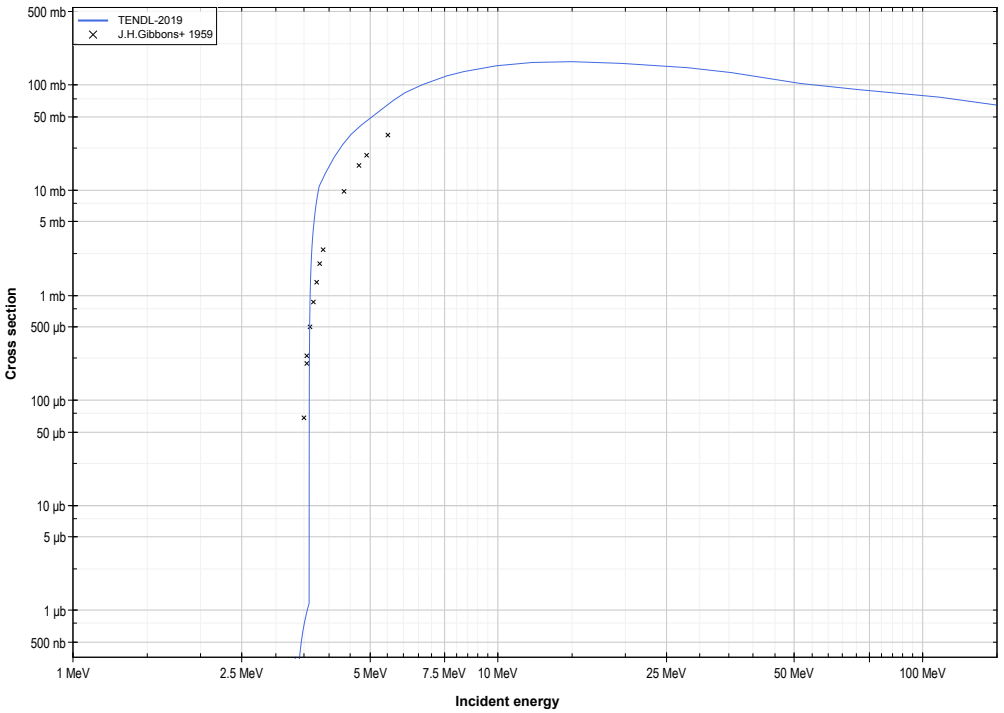
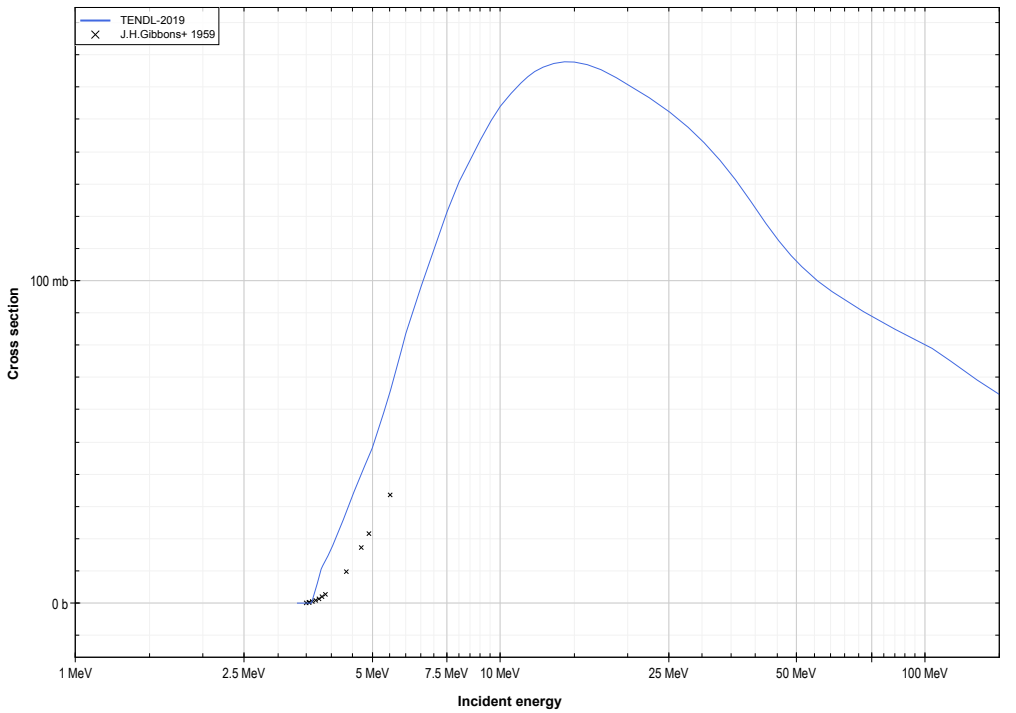
	1-H-2	6-C-12 >>
	MT28 (p,n+p) or MT5 (H1 production)	MT102 (p,γ) >>

H2 (p,n+p) or H1 production log-log



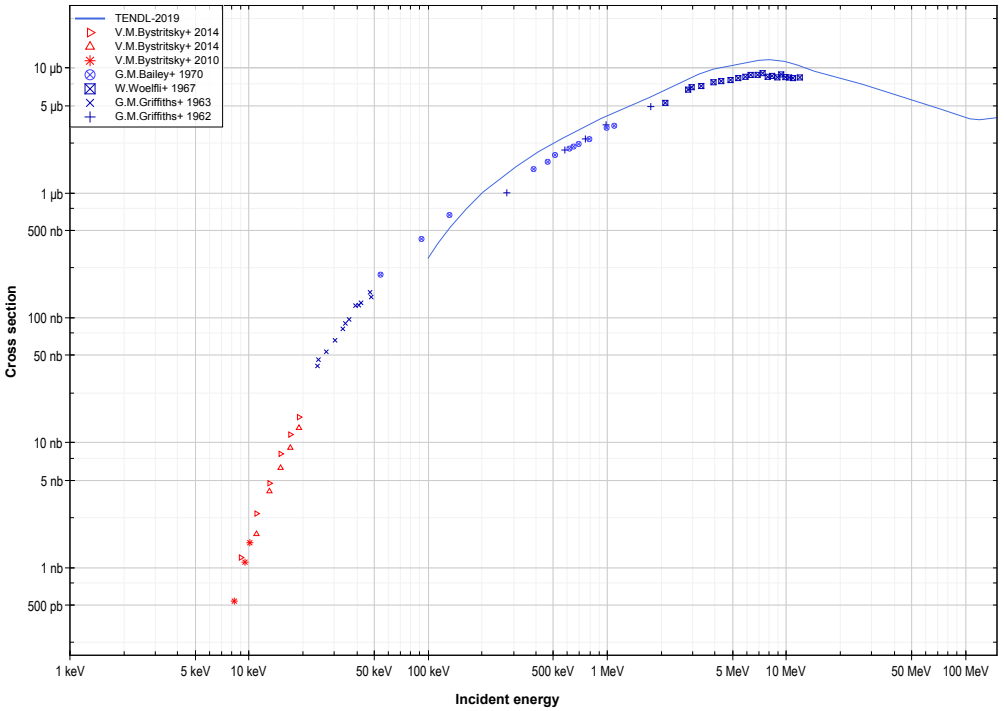
H2 (p,n+p) or H1 production lin-log



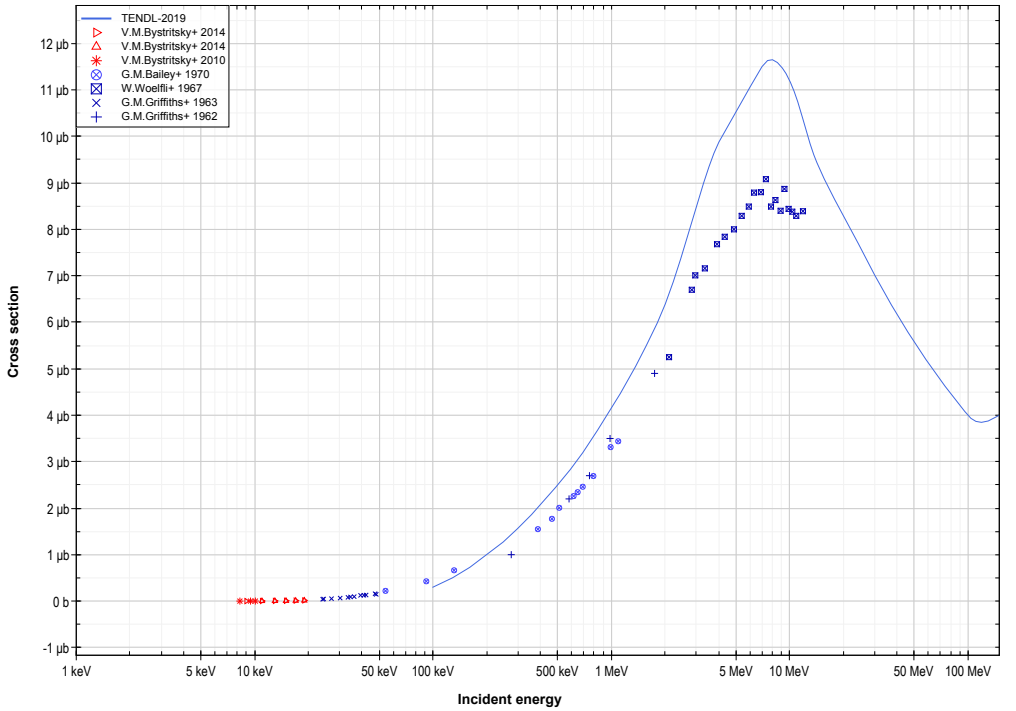
Reaction	Q-Value
H2(p,d)H1	0.00 keV
H2(p,n+p)H1	-2224.57 keV

	1-H-2	4-Be-7 >>
<< MT28 (p,n+p)	**MT102 (p,γ) or MT5 (He3 production)**	1-H-3 MT4 (p,n) >>

H2 (p,γ) or He3 production log-log



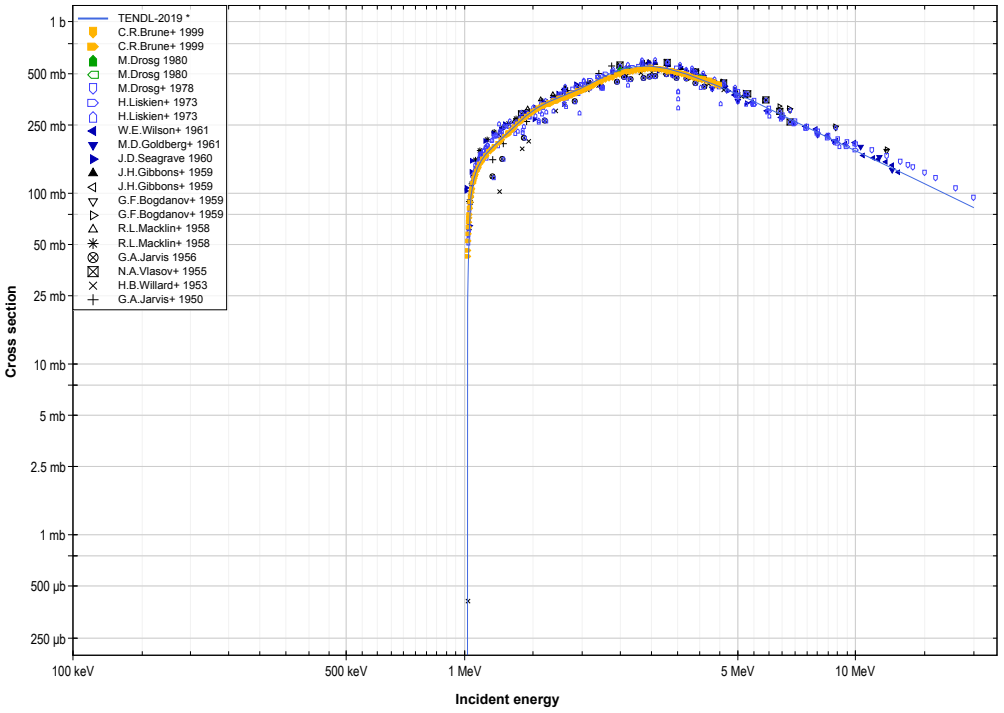
H2 (p,γ) or He3 production lin-log



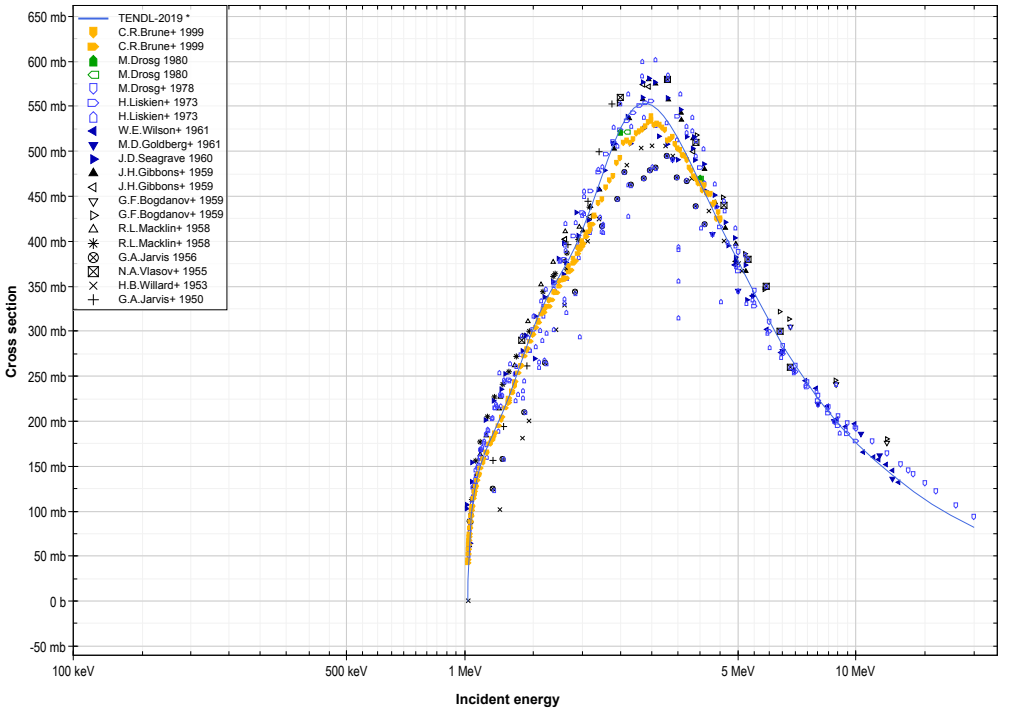
Reaction	Q-Value
H2(p,γ)He3	5493.47 keV

	1-H-3	3-Li-7 >>
<< 1-H-2 MT102 (p,γ)	**MT4 (p,n) or MT5 (He3 production)**	3-Li-7 MT4 (p,n) >>

H3 (p,n) or He3 production log-log



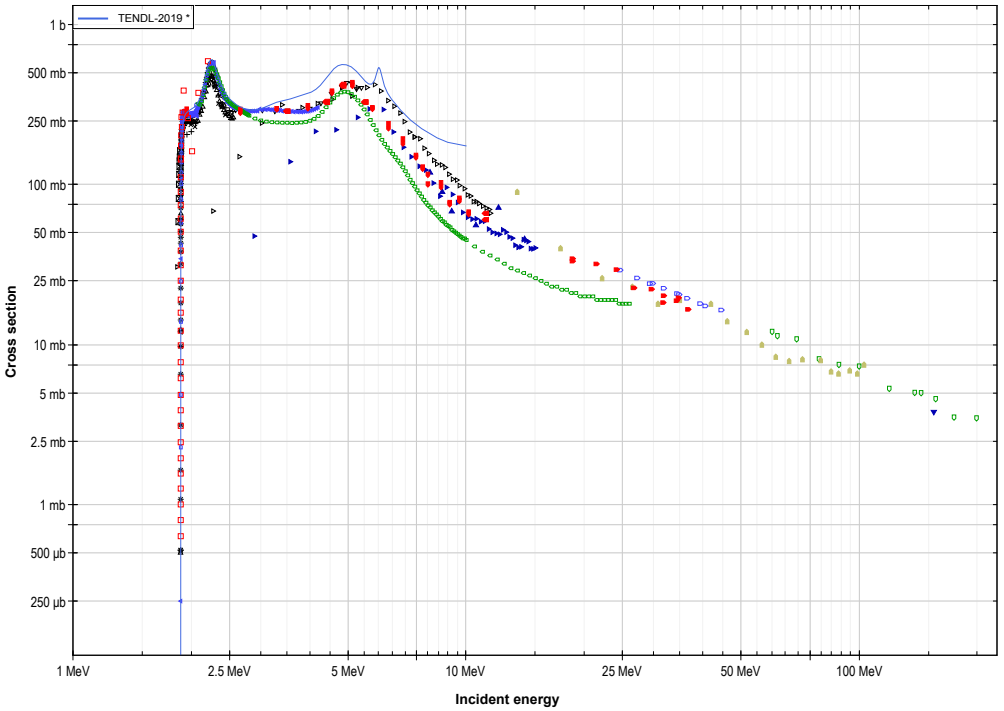
H3 (p,n) or He3 production lin-log



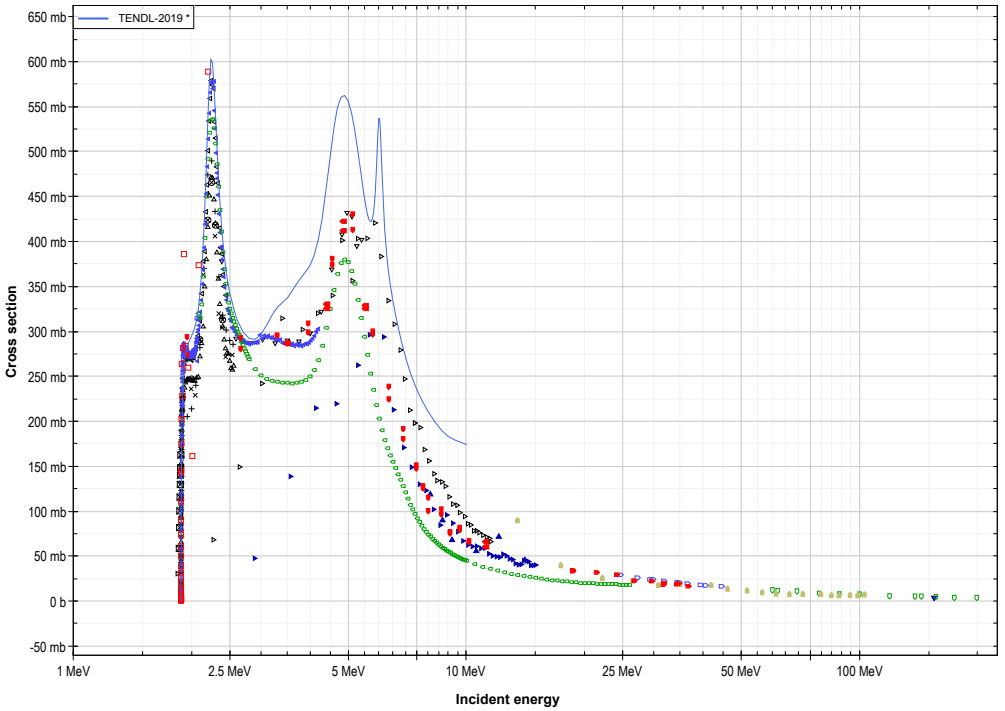
Reaction	Q-Value
H3(p,n)He3	-763.75 keV

<< 1-H-3	**3-Li-7**	4-Be-9 >>
<< 1-H-3 MT4 (p,n)	**MT4 (p,n) or MT5 (Be7 production)**	4-Be-7 MT102 (p,γ) >>

Li7 (p,n) or Be7 production log-log



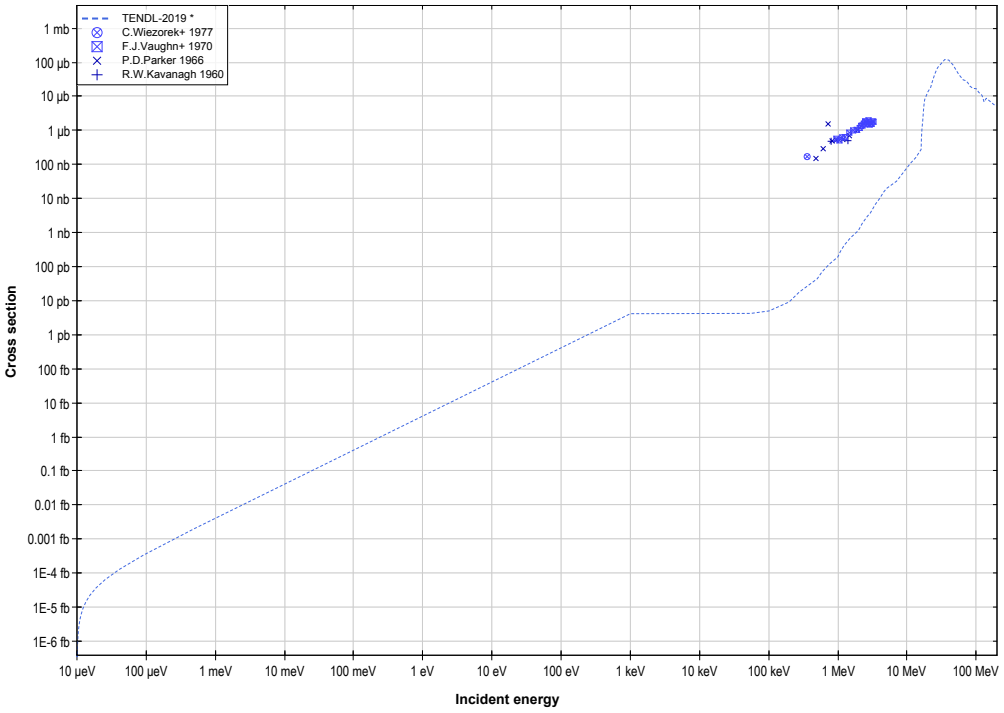
Li7 (p,n) or Be7 production lin-log



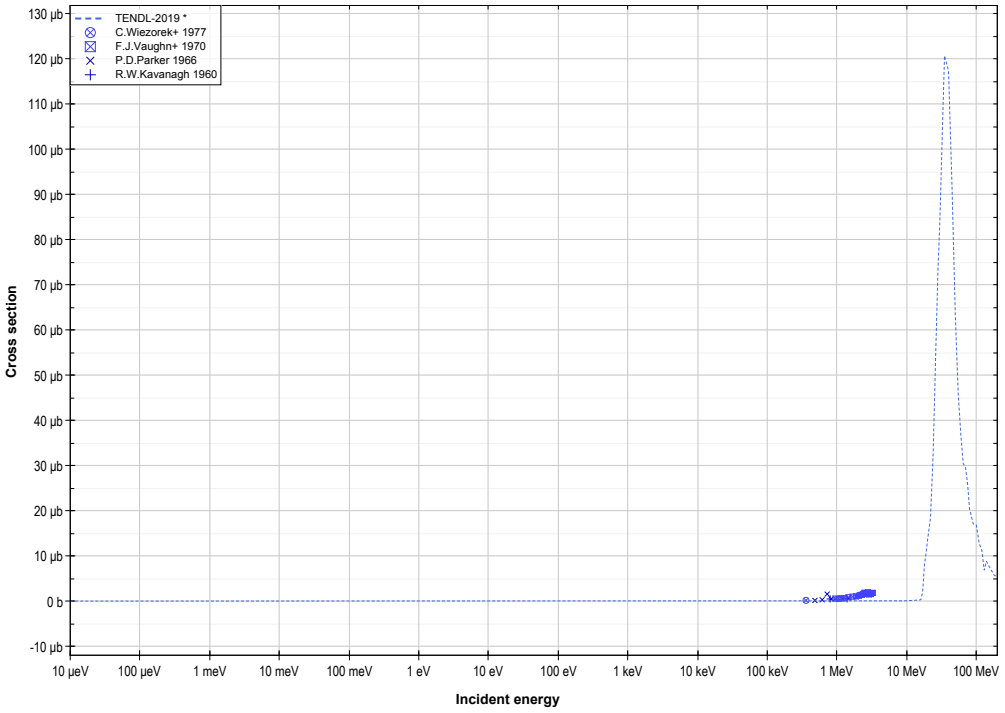
Reaction	Q-Value
Li7(p,n)Be7	-1644.24 keV

<< 1-H-2	**4-Be-7**	5-B-11 >>
<< 3-Li-7 MT4 (p,n)	**MT102 (p,γ) or MT5 (B8 production)**	4-Be-9 MT4 (p,n) >>

Be7 (p,γ) or B8 production log-log



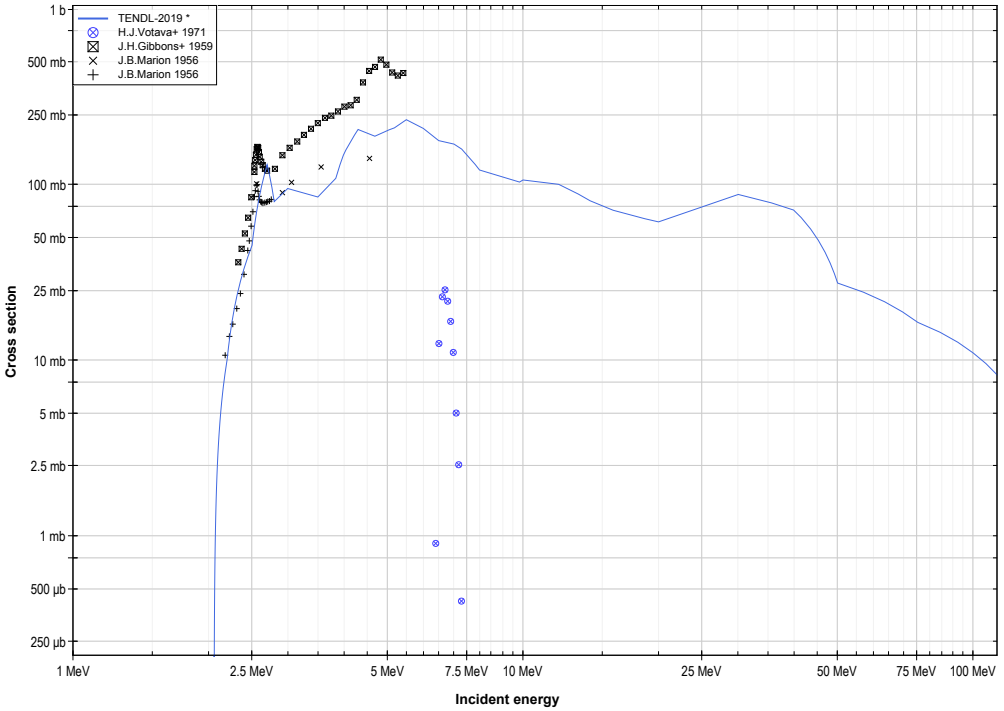
Be7 (p,γ) or B8 production lin-log



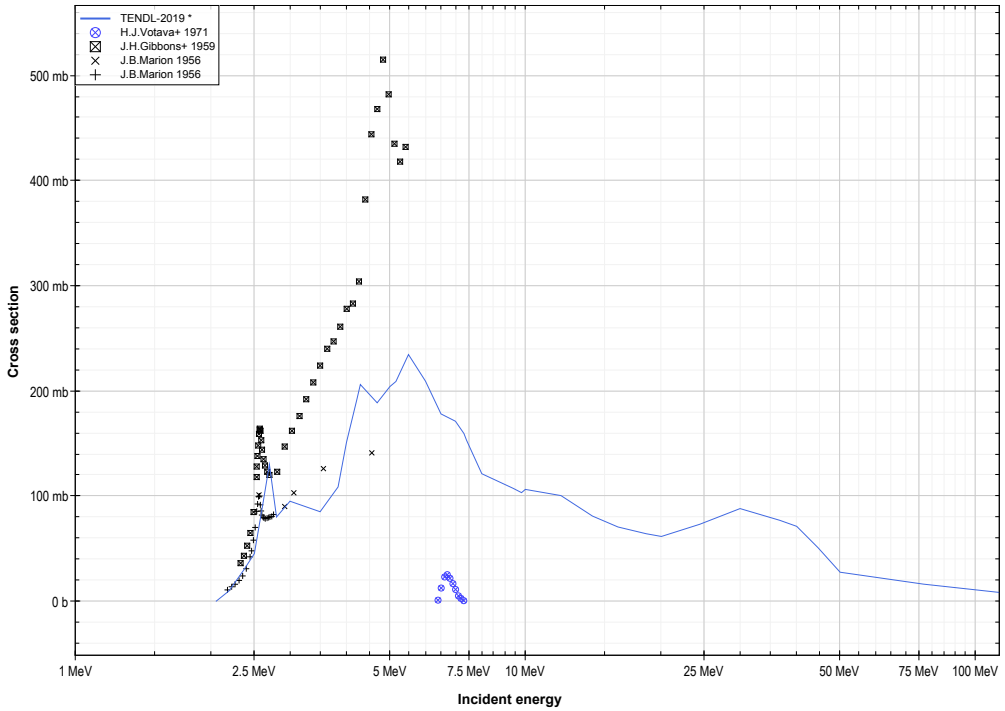
Reaction	Q-Value
Be7(p,γ)B8	136.37 keV

<< 3-Li-7	**4-Be-9**	4-Be-10 >>
<< 4-Be-7 MT102 (p,γ)	**MT4 (p,n) or MT5 (B9 production)**	4-Be-10 MT4 (p,n) >>

Be9 (p,n) or B9 production log-log



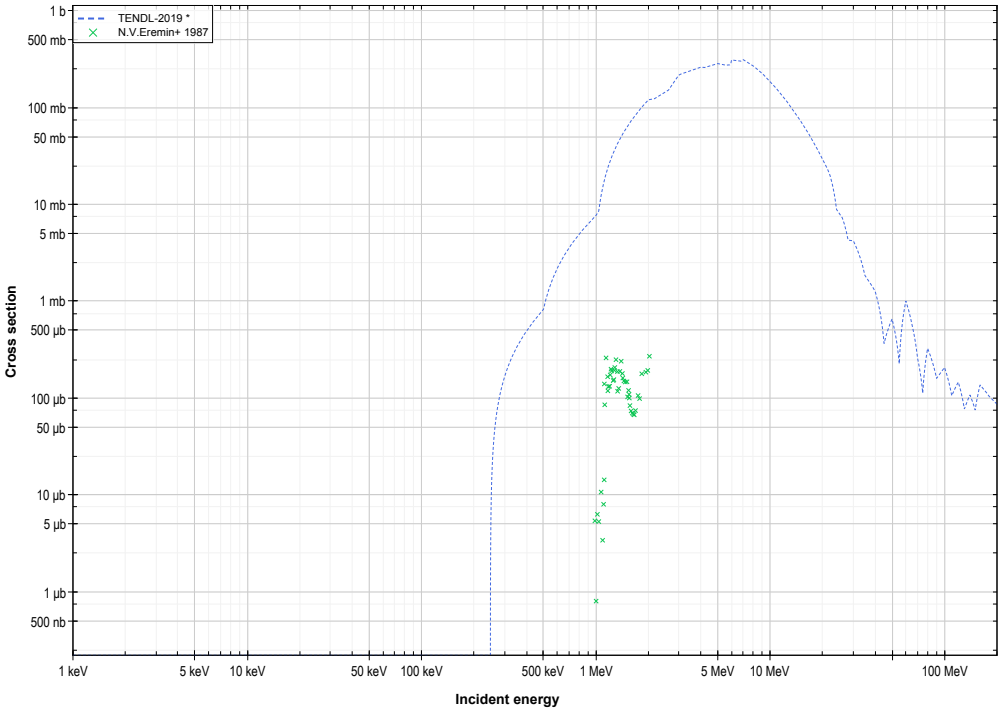
Be9 (p,n) or B9 production lin-log



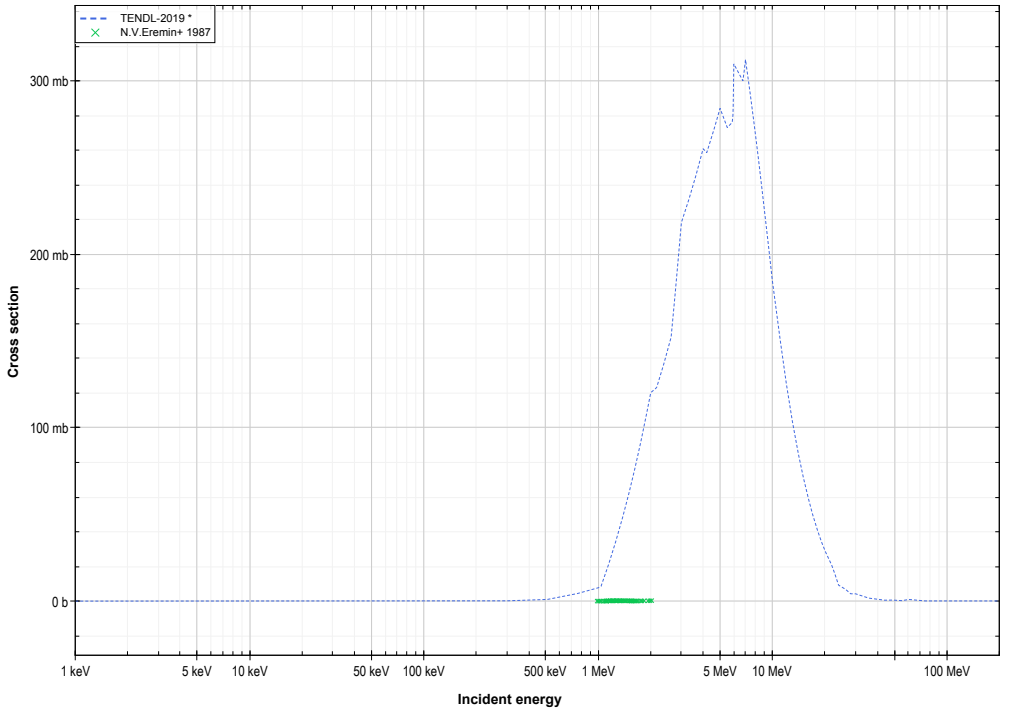
Reaction	Q-Value
Be9(p,n)B9	-1850.40 keV

<< 4-Be-9	**4-Be-10**	5-B-10 >>
<< 4-Be-9 MT4 (p,n)	**MT4 (p,n) or MT5 (B10 production)**	5-B-10 MT4 (p,n) >>

Be10 (p,n) or B10 production log-log



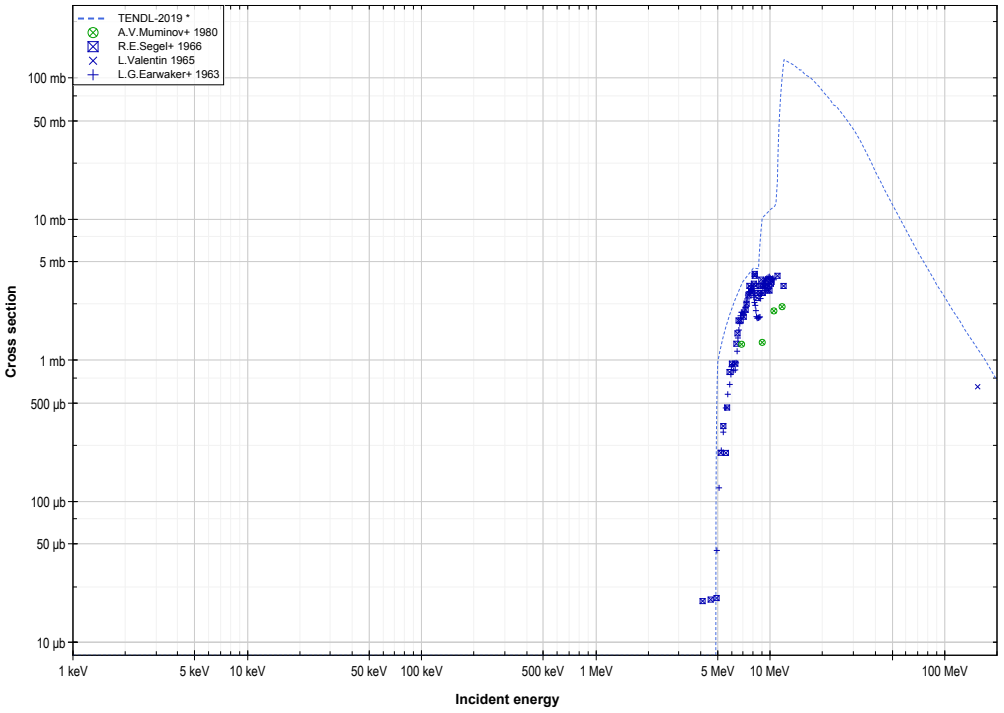
Be10 (p,n) or B10 production lin-log



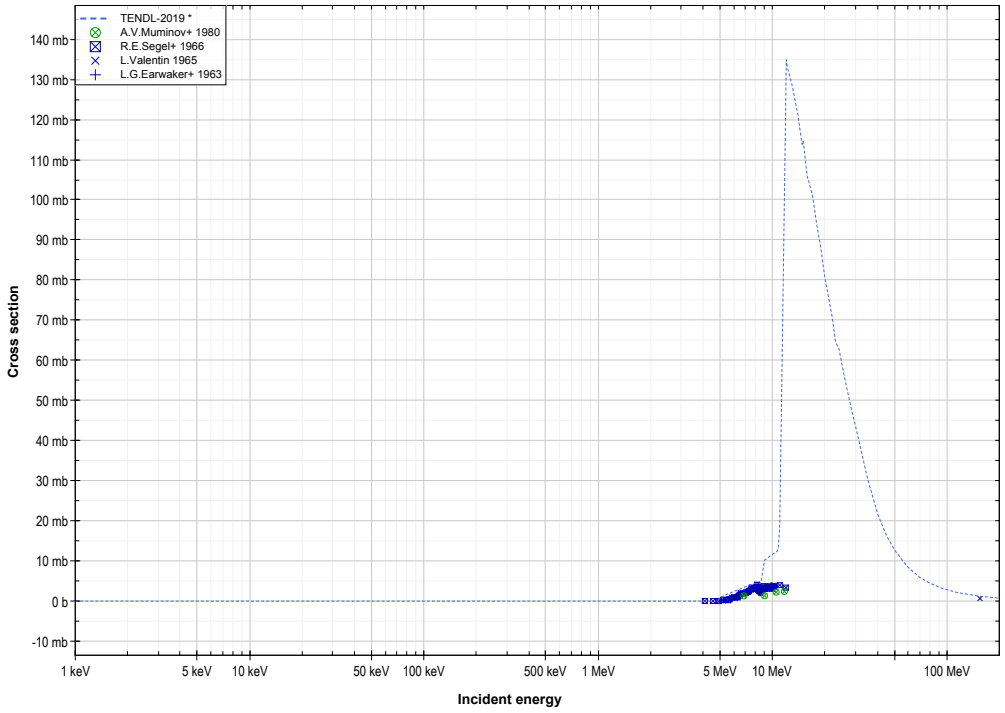
Reaction	Q-Value
Be10(p,n)B10	-225.47 keV

<< 4-Be-10	**5-B-10**	5-B-11 >>
<< 4-Be-10 MT4 (p,n)	**MT4 (p,n) or MT5 (C10 production)**	MT34 (p,n+³He) >>

B10 (p,n) or C10 production log-log



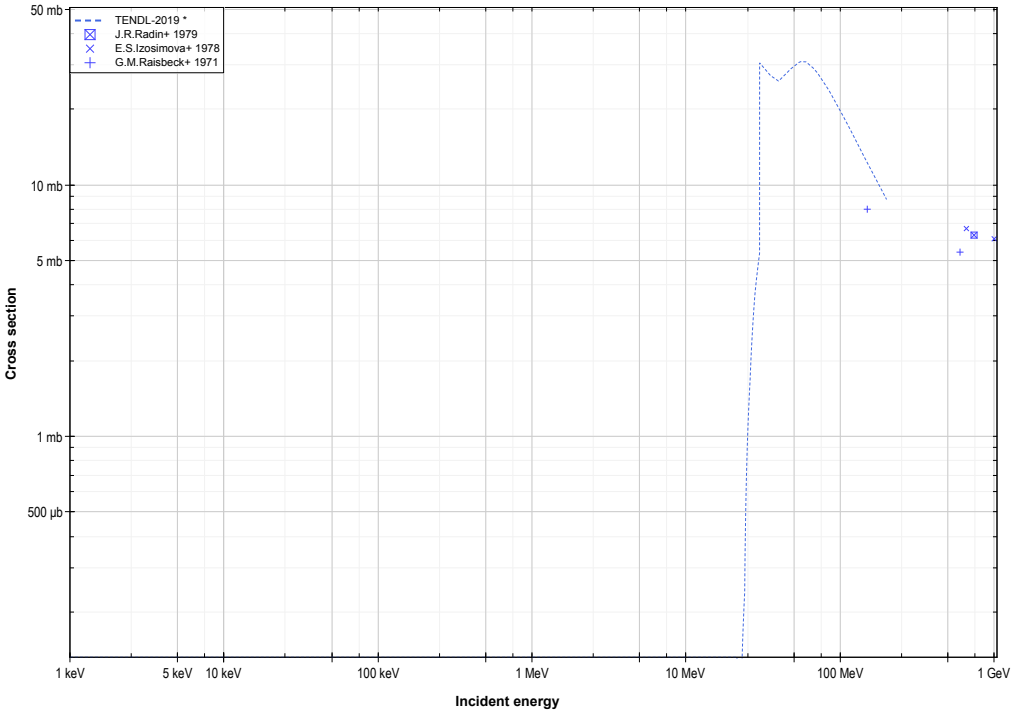
B10 (p,n) or C10 production lin-log



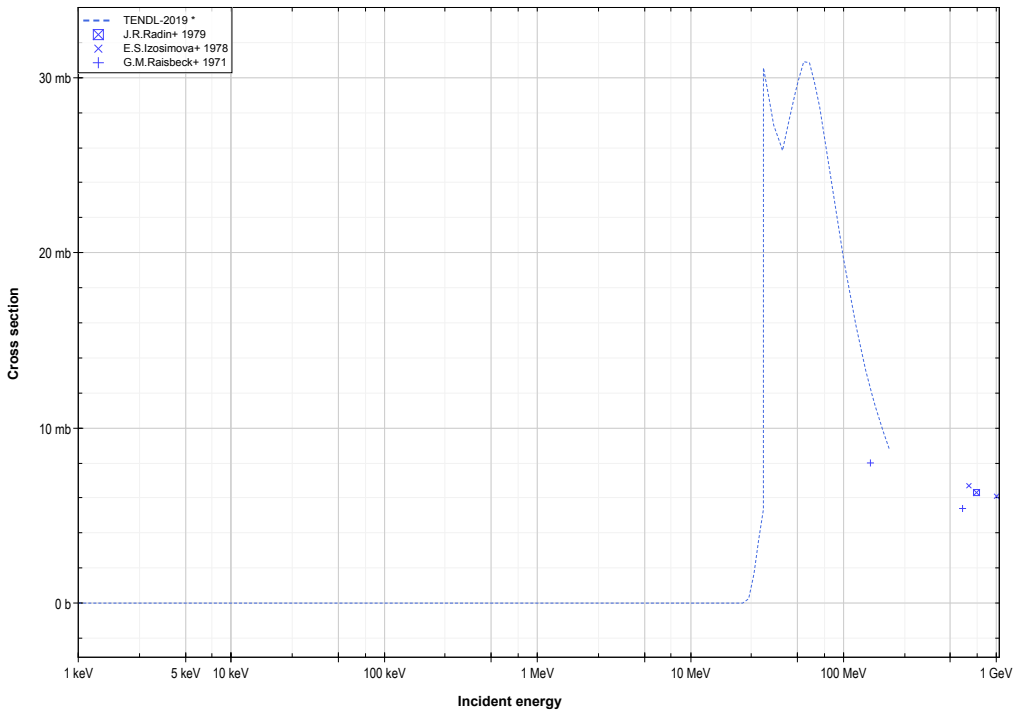
Reaction	Q-Value
B10(p,n)C10	-4430.41 keV

	5-B-10	7-N-14 >>
<< MT4 (p,n)	**MT34 (p,n+^{3}He) or MT5 (Be7 production)**	MT107 (p,α) >>

B10 (p,n+^{3}He) or Be7 production log-log



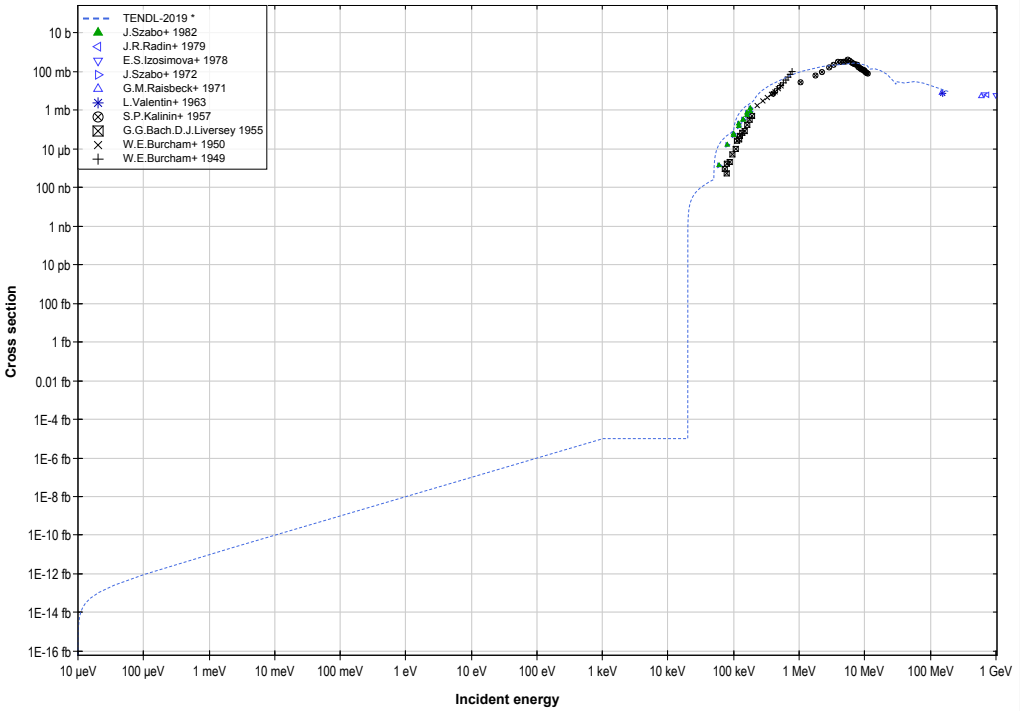
B10 (p,n+^{3}He) or Be7 production lin-log



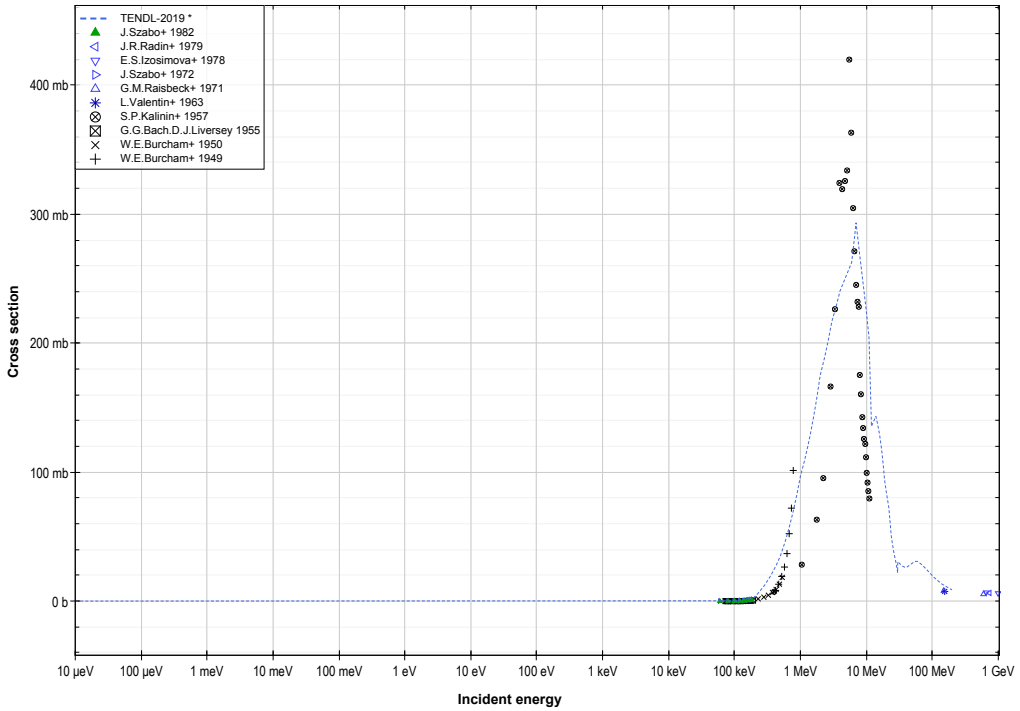
Reaction	Q-Value
B10(p,α)Be7	1145.66 keV
B10(p,p+t)Be7	-18668.20 keV
B10(p,n+He3)Be7	-19431.96 keV
B10(p,2d)Be7	-22700.86 keV
B10(p,n+p+d)Be7	-24925.43 keV
B10(p,2n+2p)Be7	-27150.00 keV

	5-B-10	5-B-11 >>
<< MT34 (p,n+³He)	**MT107 (p,α) or MT5 (Be7 production)**	MT116 (p,p+t) >>

B10 (p,α) or Be7 production log-log



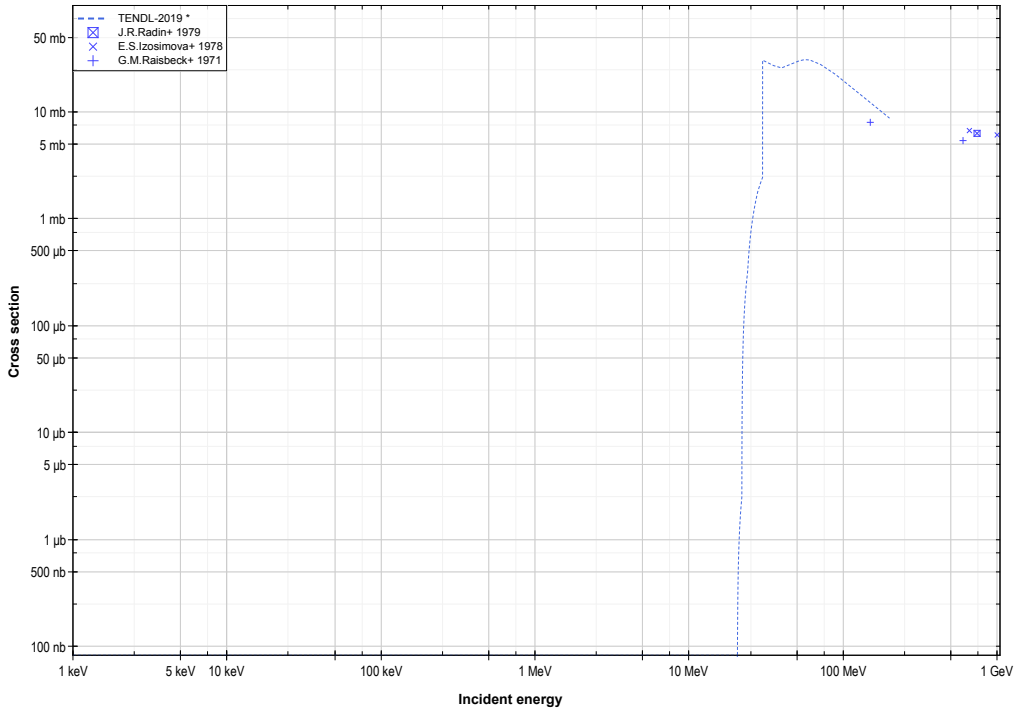
B10 (p,α) or Be7 production lin-log



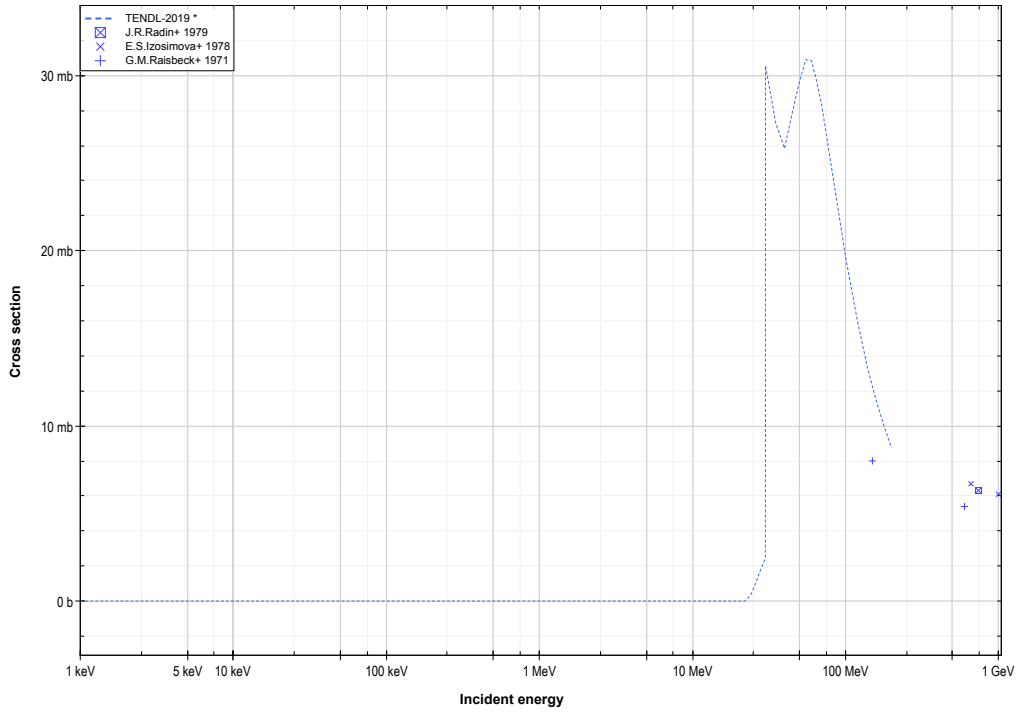
Reaction	Q-Value
B10(p,α)Be7	1145.66 keV
B10(p,p+t)Be7	-18668.20 keV
B10(p,n+He3)Be7	-19431.96 keV
B10(p,2d)Be7	-22700.86 keV
B10(p,n+p+d)Be7	-24925.43 keV
B10(p,2n+2p)Be7	-27150.00 keV

	5-B-10	7-N-14 >>
<< MT107 (p,α)	**MT116 (p,p+t) or MT5 (Be7 production)**	MT183 (p,n+p+d) >>

B10 (p,p+t) or Be7 production log-log



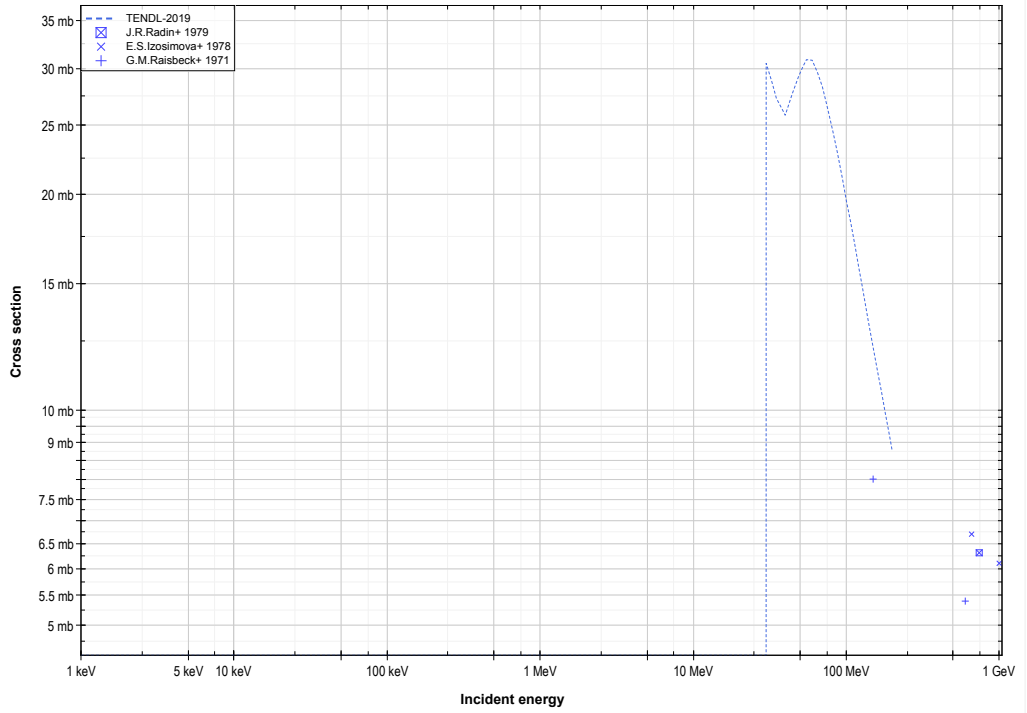
B10 (p,p+t) or Be7 production lin-log



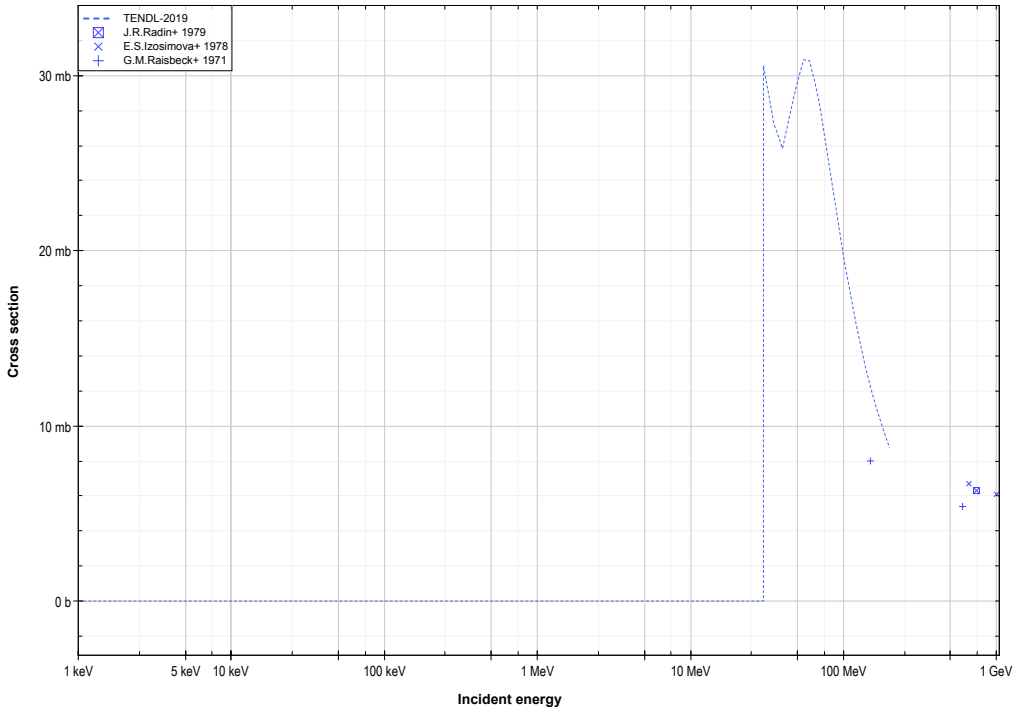
Reaction	Q-Value
B10(p,α)Be7	1145.66 keV
B10(p,p+t)Be7	-18668.20 keV
B10(p,n+He3)Be7	-19431.96 keV
B10(p,2d)Be7	-22700.86 keV
B10(p,n+p+d)Be7	-24925.43 keV
B10(p,2n+2p)Be7	-27150.00 keV

	5-B-10	7-N-14 >>
<< MT116 (p,p+t)	**MT183 (p,n+p+d) or MT5 (Be7 production)**	MT190 (p,2n+2p) >>

B10 (p,n+p+d) or Be7 production log-log



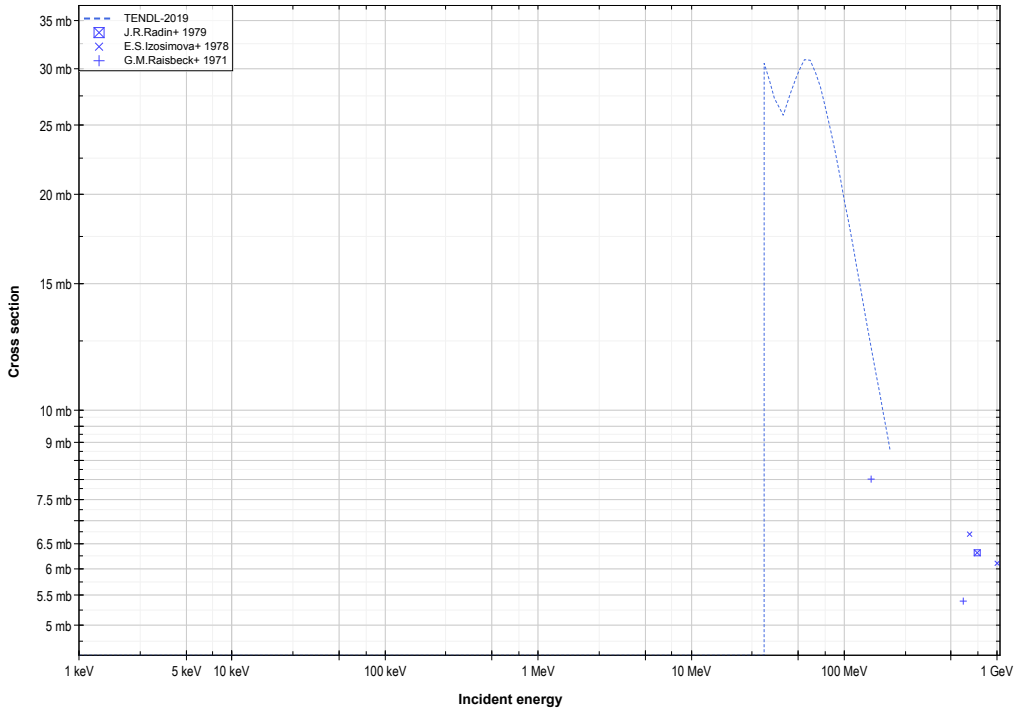
B10 (p,n+p+d) or Be7 production lin-log



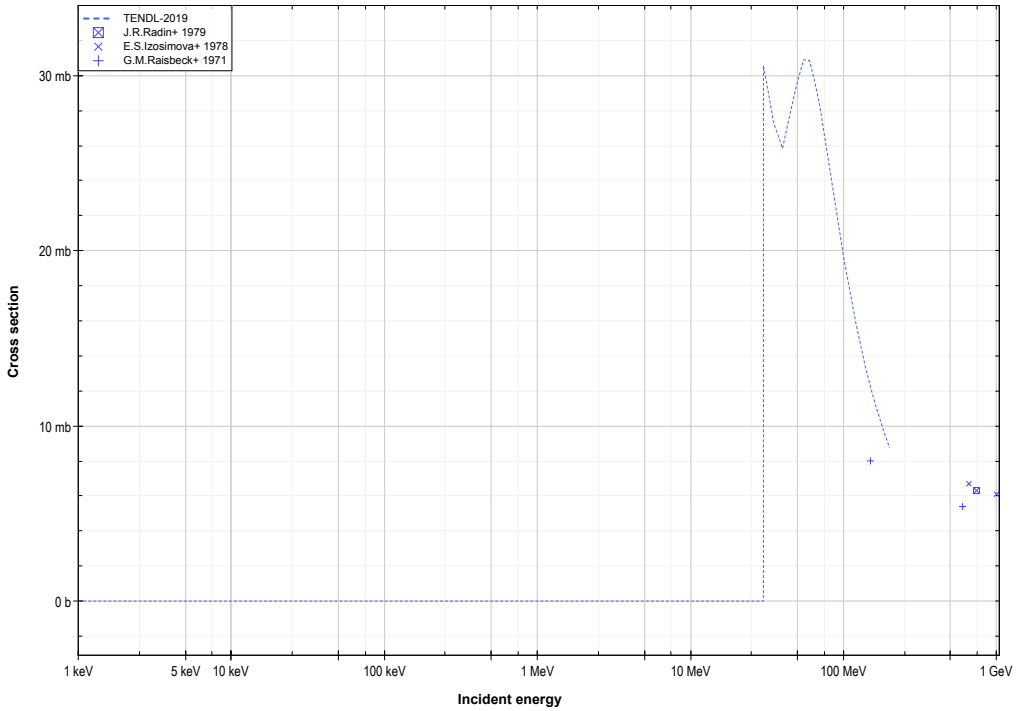
Reaction	Q-Value
B10(p,α)Be7	1145.66 keV
B10(p,p+t)Be7	-18668.20 keV
B10(p,n+He3)Be7	-19431.96 keV
B10(p,2d)Be7	-22700.86 keV
B10(p,n+p+d)Be7	-24925.43 keV
B10(p,2n+2p)Be7	-27150.00 keV

	5-B-10	7-N-14 >>
<< MT183 (p,n+p+d)	**MT190 (p,2n+2p) or MT5 (Be7 production)**	5-B-11 MT4 (p,n) >>

B10 (p,2n+2p) or Be7 production log-log



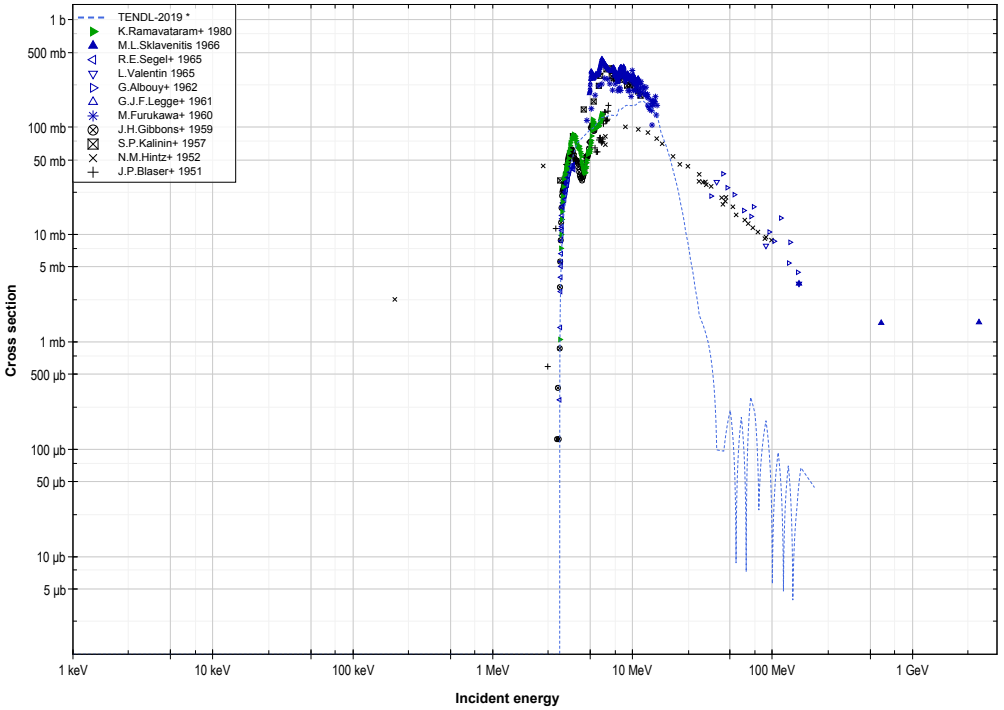
B10 (p,2n+2p) or Be7 production lin-log



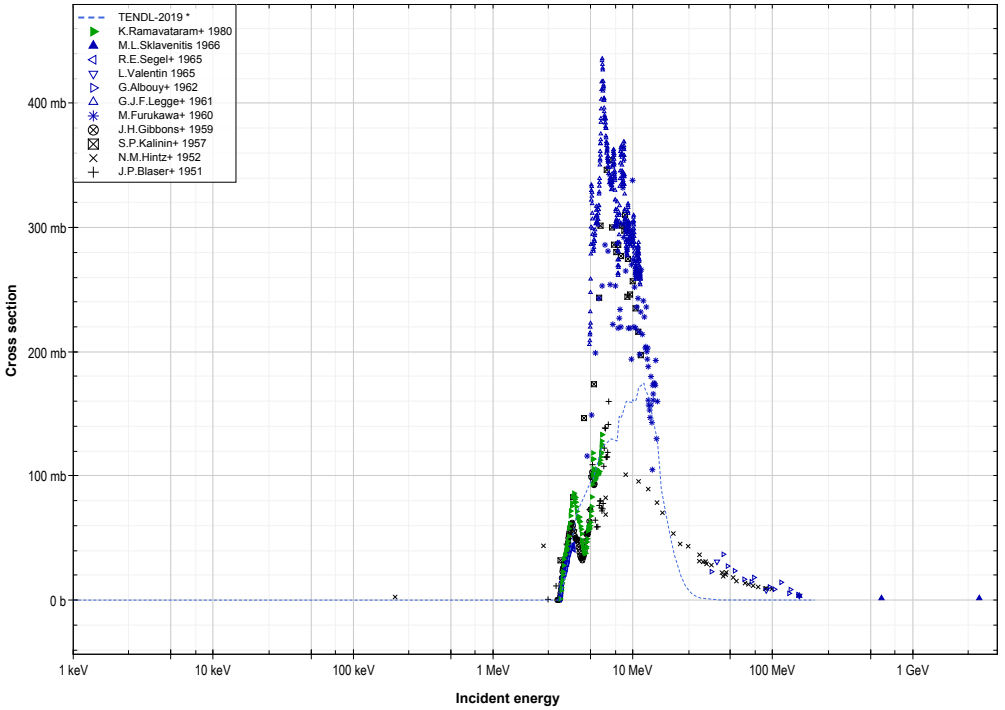
Reaction	Q-Value
B10(p,α)Be7	1145.66 keV
B10(p,p+t)Be7	-18668.20 keV
B10(p,n+He3)Be7	-19431.96 keV
B10(p,2d)Be7	-22700.86 keV
B10(p,n+p+d)Be7	-24925.43 keV
B10(p,2n+2p)Be7	-27150.00 keV

<< 5-B-10	**5-B-11**	6-C-14 >>
<< 5-B-10 MT190 (p,2n+2p)	**MT4 (p,n) or MT5 (C11 production)**	MT16 (p,2n) >>

B11 (p,n) or C11 production log-log



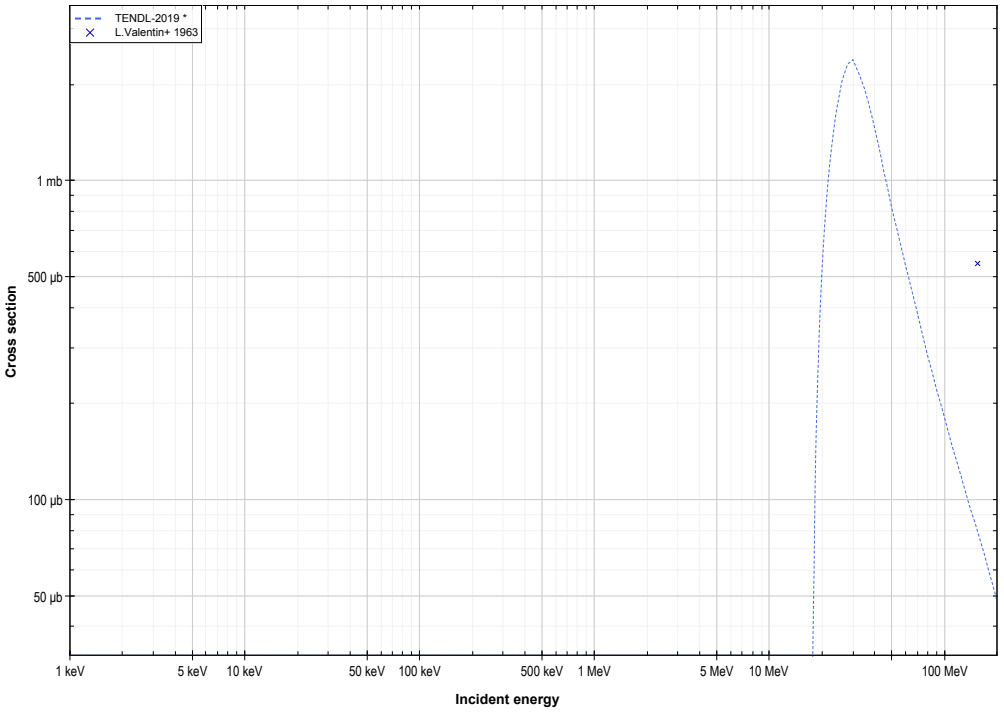
B11 (p,n) or C11 production lin-log



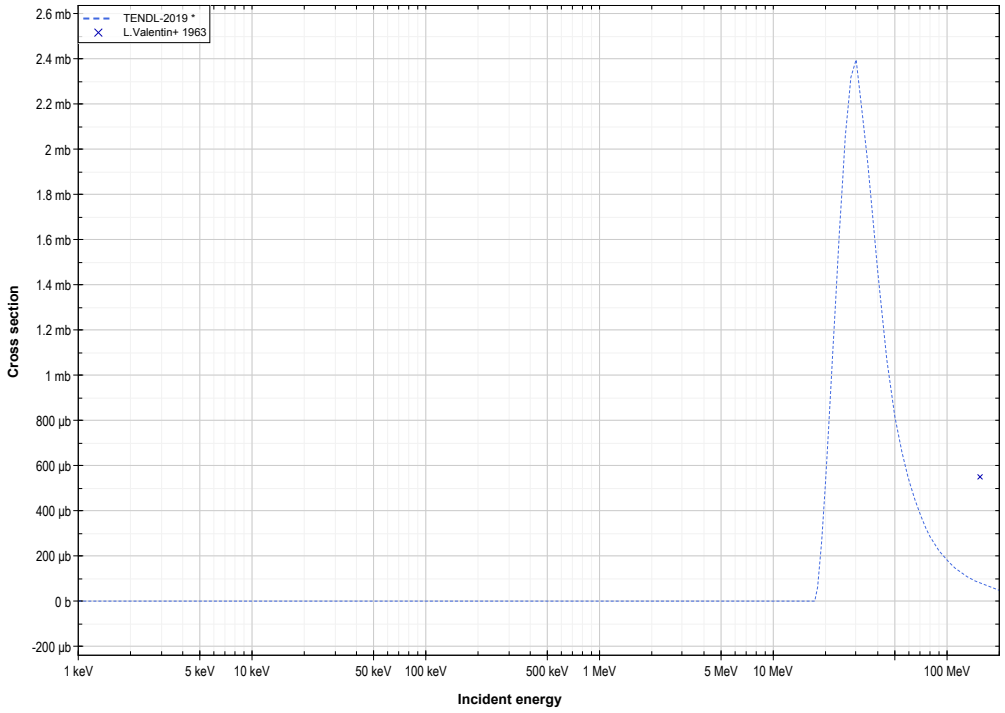
Reaction	Q-Value
B11(p,n)C11	-2764.04 keV

	5-B-11	13-Al-27 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (C10 production)**	MT22 (p,n+α) >>

B11 (p,2n) or C10 production log-log



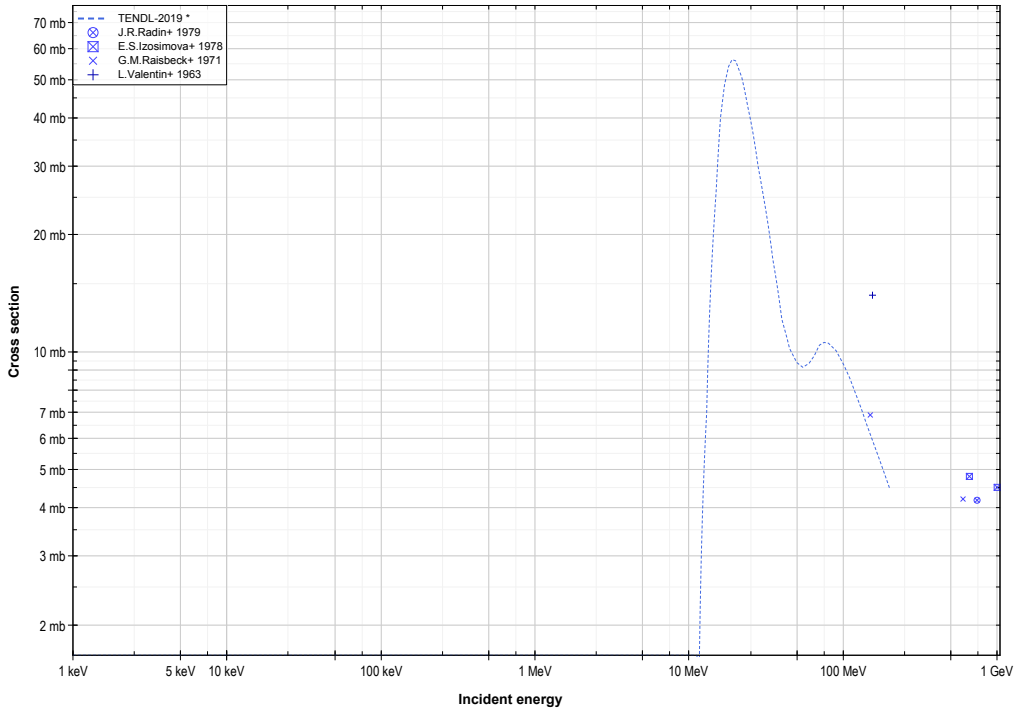
B11 (p,2n) or C10 production lin-log



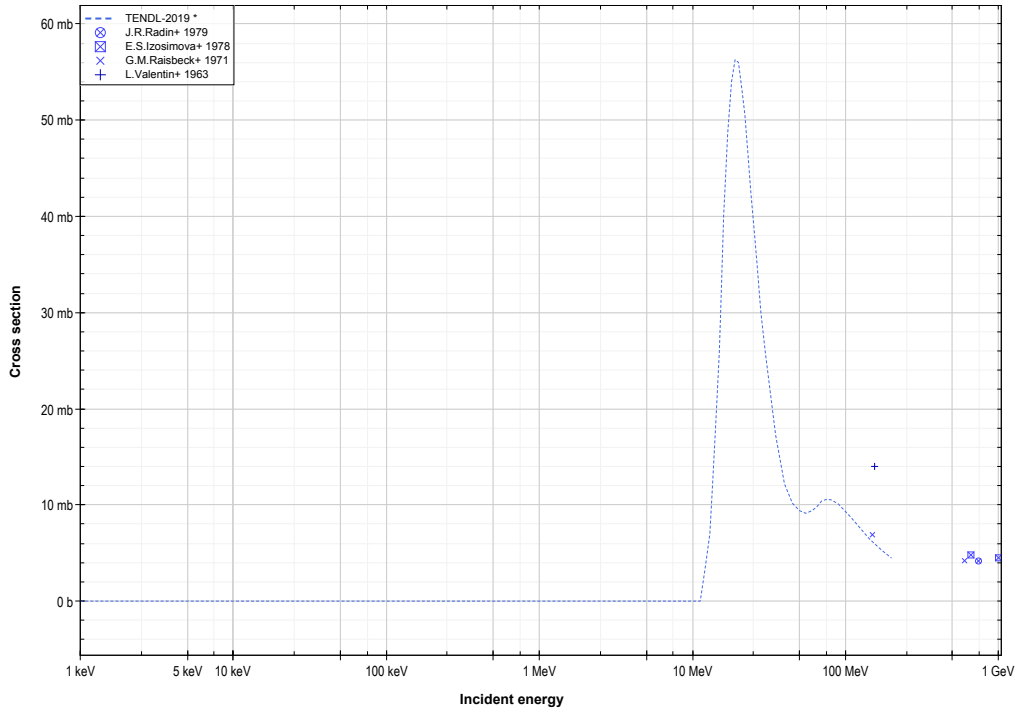
Reaction	Q-Value
B11(p,2n)C10	-15884.63 keV

	5-B-11	7-N-14 >>
<< MT16 (p,2n)	**MT22 (p,n+α) or MT5 (Be7 production)**	MT102 (p,γ) >>

B11 (p,n+α) or Be7 production log-log



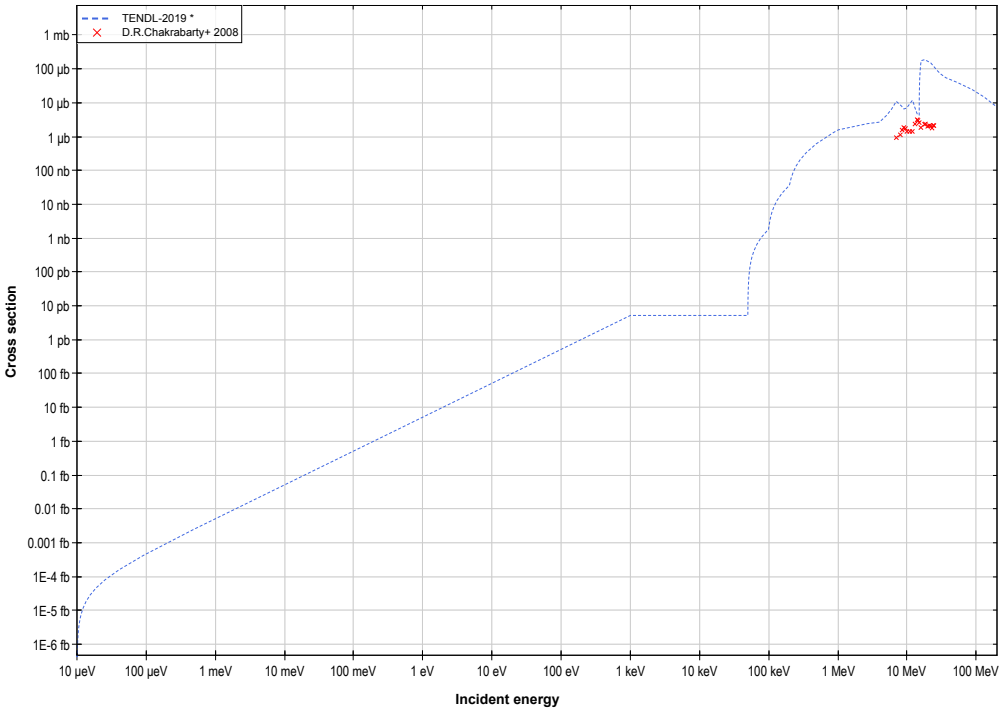
B11 (p,n+α) or Be7 production lin-log



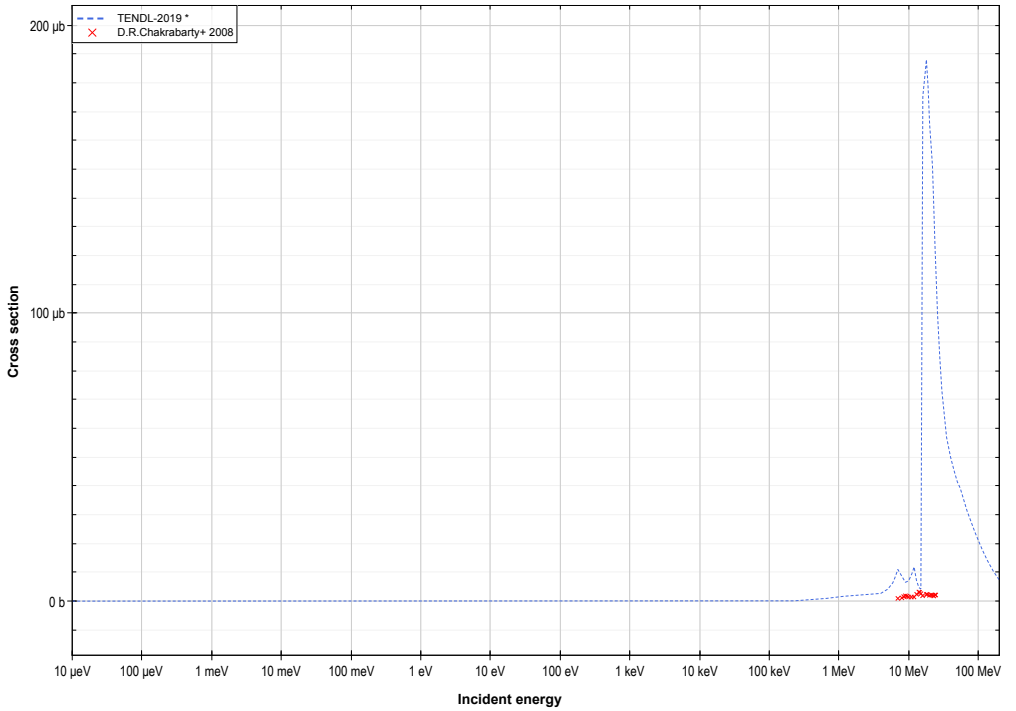
Reaction	Q-Value
B11(p,n+α)Be7	-10308.56 keV
B11(p,d+t)Be7	-27897.85 keV
B11(p,n+p+t)Be7	-30122.42 keV
B11(p,2n+He3)Be7	-30886.17 keV
B11(p,n+2d)Be7	-34155.08 keV
B11(p,2n+p+d)Be7	-36379.65 keV
B11(p,3n+2p)Be7	-38604.21 keV

<< 4-Be-7	**5-B-11**	6-C-13 >>
<< MT22 (p,n+α)	**MT102 (p,γ) or MT5 (C12 production)**	MT107 (p,α) >>

B11 (p,γ) or C12 production log-log



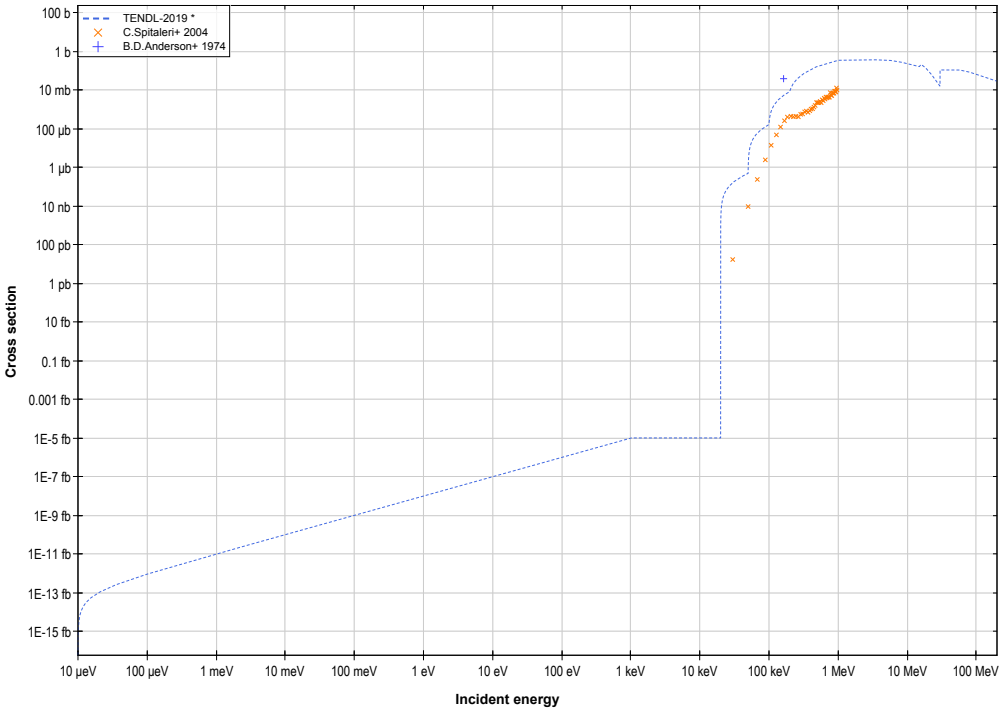
B11 (p,γ) or C12 production lin-log



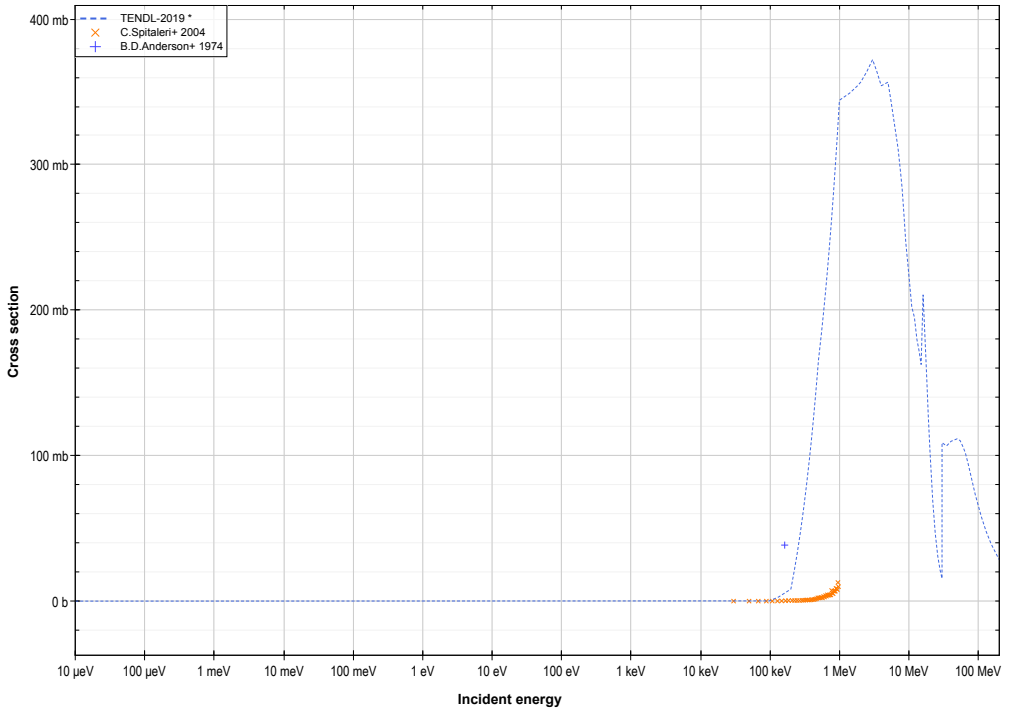
Reaction	Q-Value
B11(p,γ)C12	15956.68 keV

<< 5-B-10	**5-B-11**	6-C-12 >>
<< MT102 (p,γ)	**MT107 (p,α) or MT5 (Be8 production)**	MT108 (p,2α) >>

B11 (p,α) or Be8 production log-log



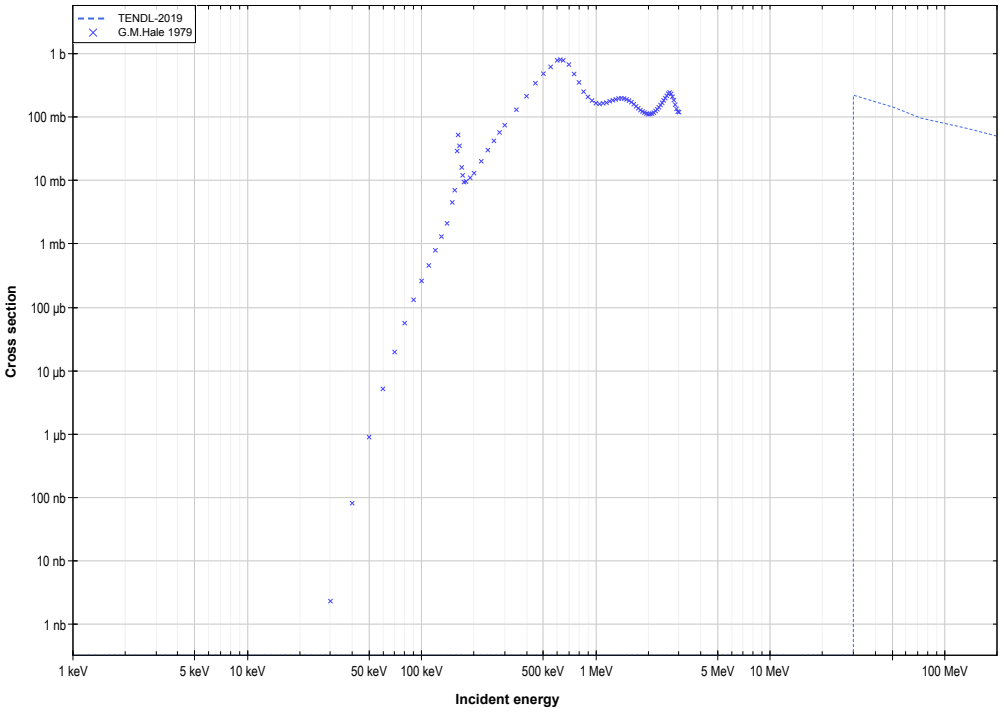
B11 (p,α) or Be8 production lin-log



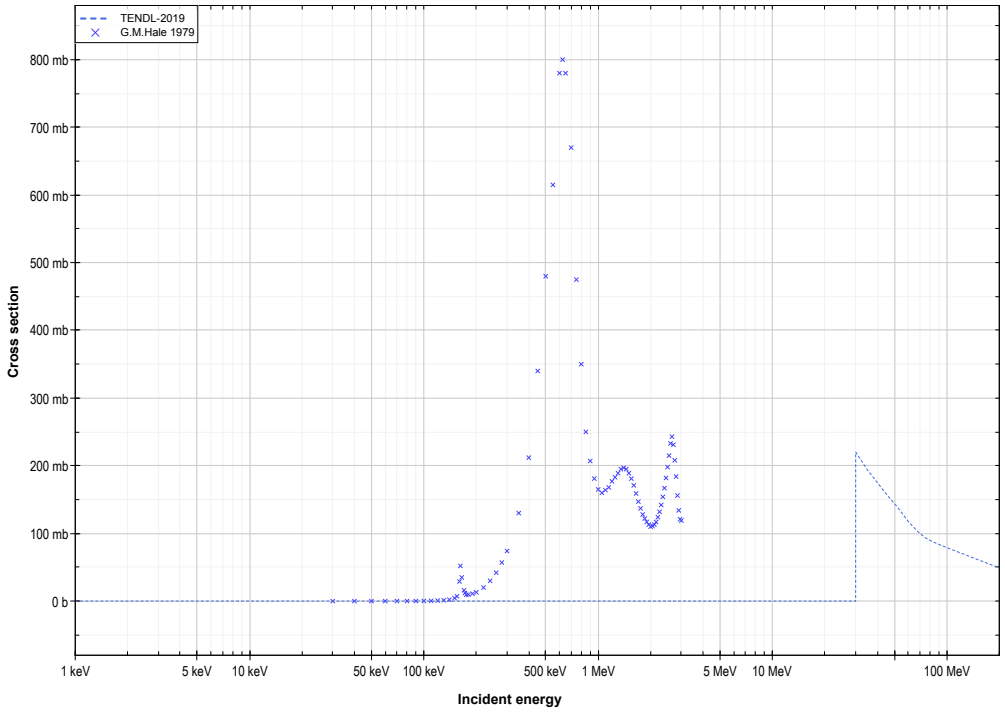
Reaction	Q-Value
B11(p,α)Be8	8590.09 keV
B11(p,p+t)Be8	-11223.77 keV
B11(p,n+He3)Be8	-11987.53 keV
B11(p,2d)Be8	-15256.44 keV
B11(p,n+p+d)Be8	-17481.00 keV
B11(p,2n+2p)Be8	-19705.57 keV

	5-B-11	7-N-14 >>
<< MT107 (p,α)	**MT108 (p,2α) or MT5 (He4 production)**	MT111 (p,2p) >>

B11 (p,2α) or He4 production log-log



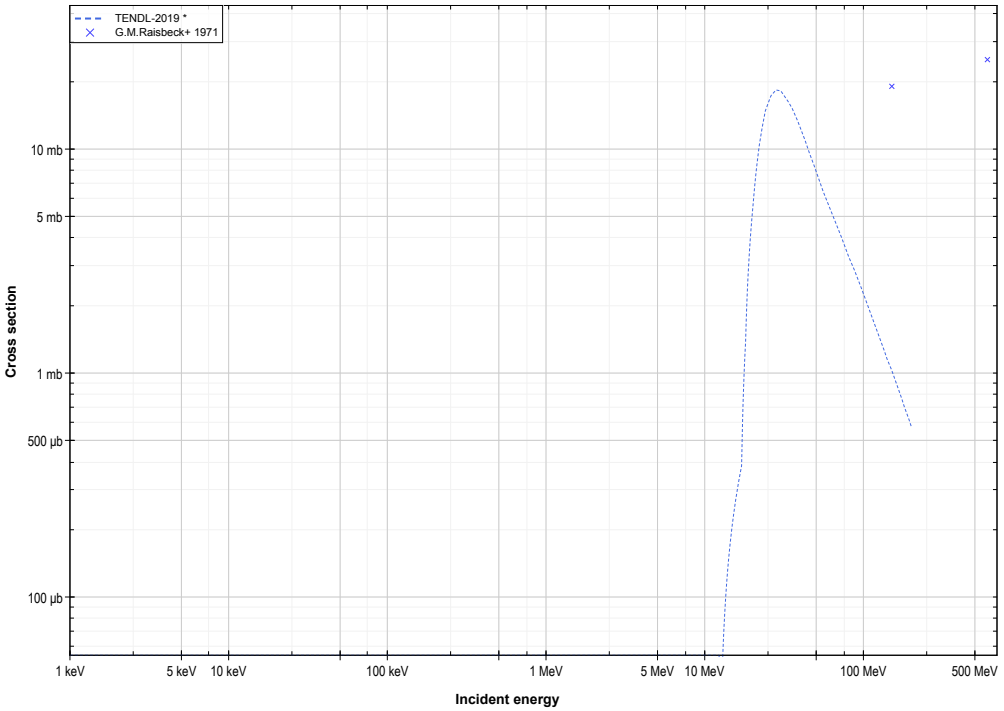
B11 (p,2α) or He4 production lin-log



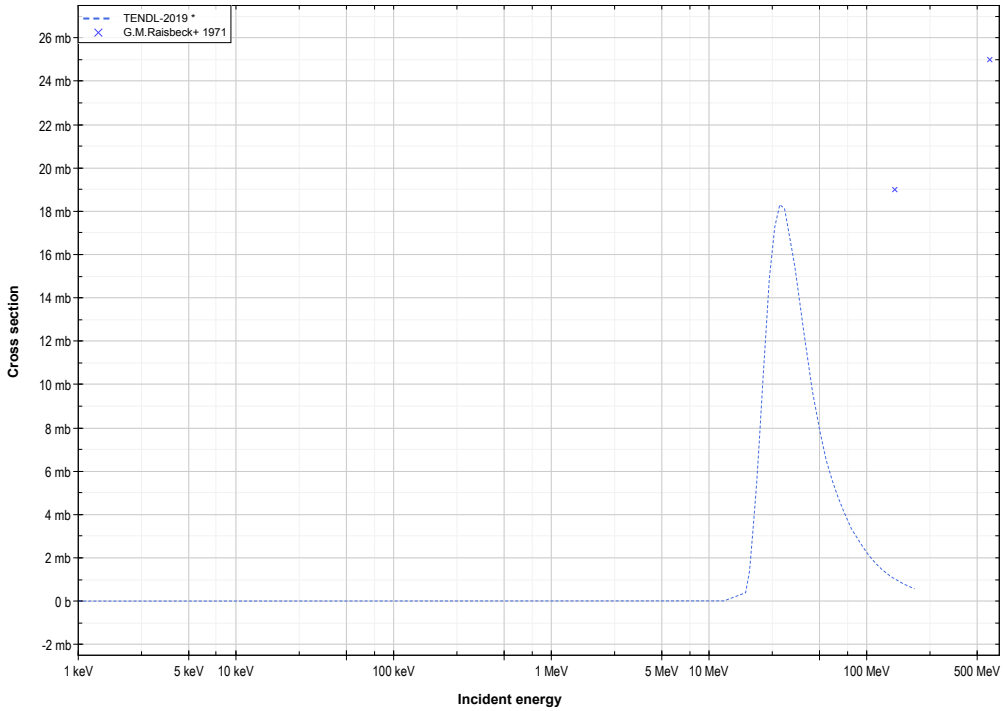
Reaction	Q-Value	Reaction	Q-Value
B11(p,2α)He4	8681.93 keV	B11(p,n+p+t+He3)He4	-31709.55 keV
B11(p,p+t+α)He4	-11131.93 keV	B11(p,2n+2He3)He4	-32473.31 keV
B11(p,n+He3+α)He4	-11895.69 keV	B11(p,p+2d+t)He4	-34978.46 keV
B11(p,2d+α)He4	-15164.60 keV	B11(p,n+2d+He3)He4	-35742.22 keV
B11(p,n+p+d+α)He4	-17389.16 keV	B11(p,n+2p+d+t)He4	-37203.03 keV
B11(p,2n+2p+α)He4	-19613.73 keV	B11(p,2n+p+d+He3)He4	-37966.78 keV
B11(p,d+t+He3)He4	-29484.99 keV	B11(p,4d)He4	-39011.12 keV
B11(p,2p+2t)He4	-30945.80 keV	B11(p,2n+3p+t)He4	-39427.59 keV

	5-B-11	6-C-12 >>
<< MT108 (p,2α)	**MT111 (p,2p) or MT5 (Be10 production)**	MT176 (p,2n+³He) >>

B11 (p,2p) or Be10 production log-log



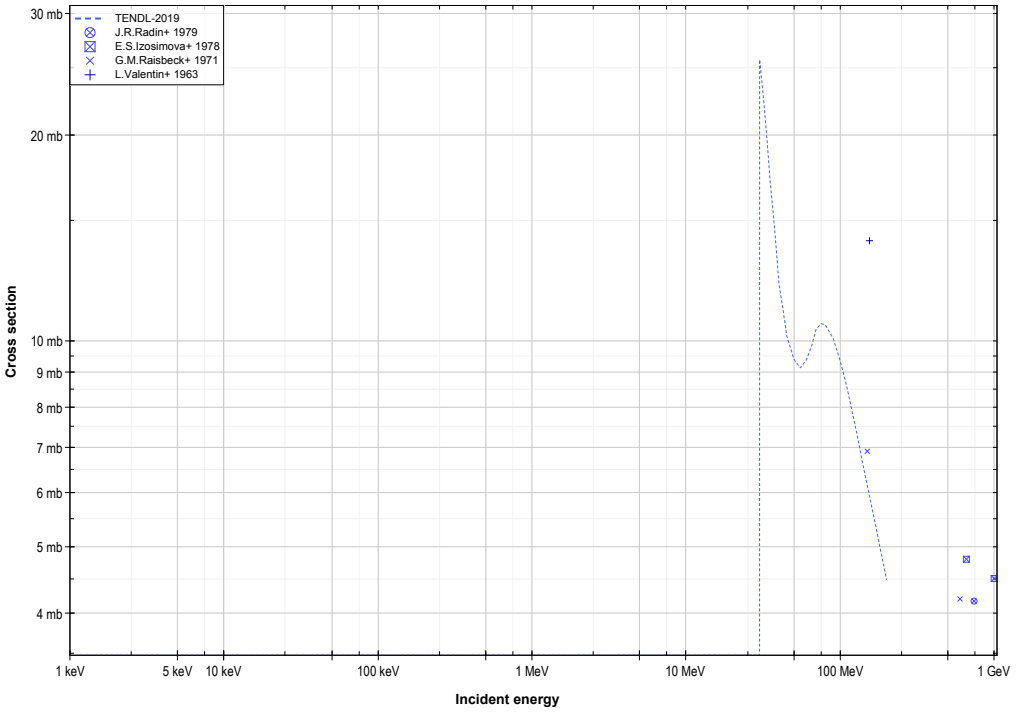
B11 (p,2p) or Be10 production lin-log



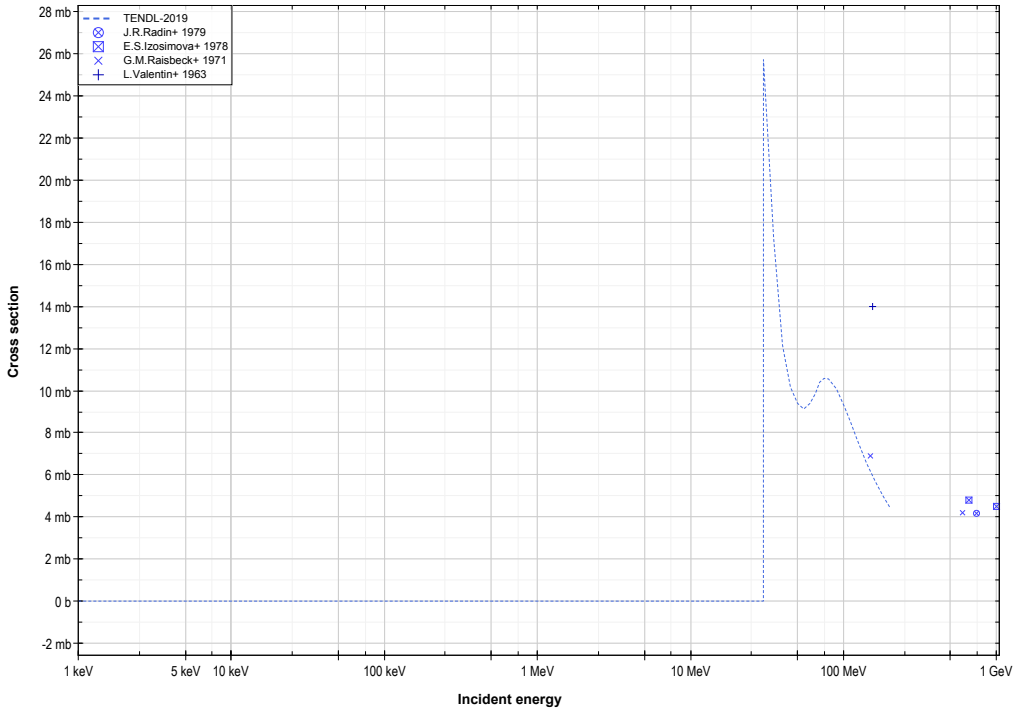
Reaction	Q-Value
B11(p,2p)Be10	-11228.75 keV

	5-B-11	7-N-14 >>
<< MT111 (p,2p)	**MT176 (p,2n+³He) or MT5 (Be7 production)**	MT179 (p,3n+2p) >>

B11 (p,2n+³He) or Be7 production log-log



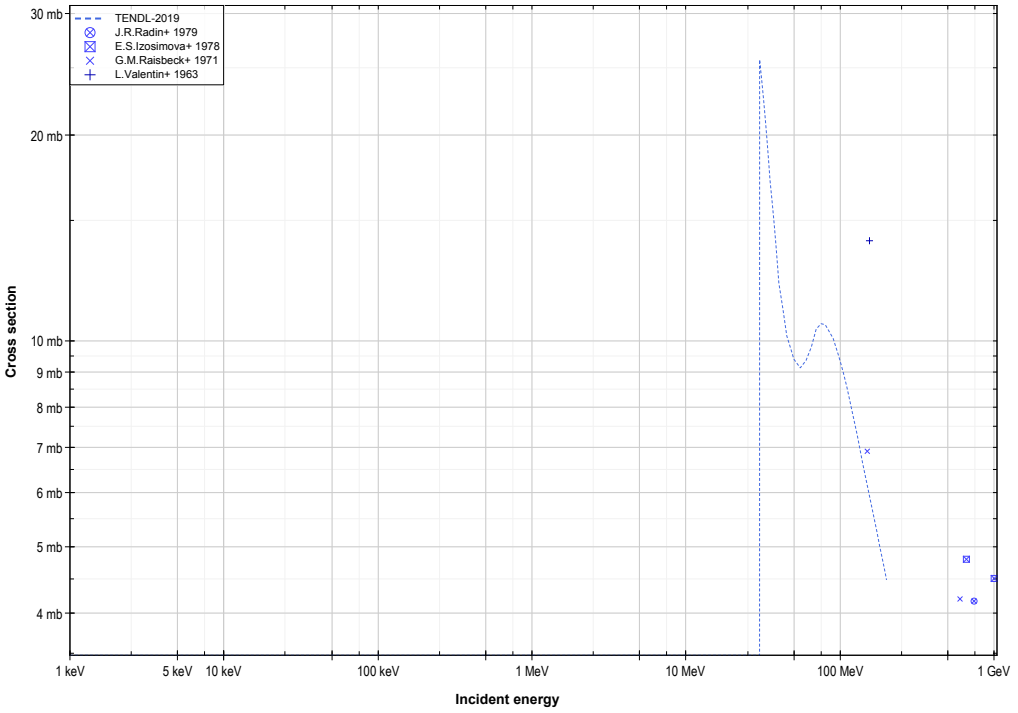
B11 (p,2n+³He) or Be7 production lin-log



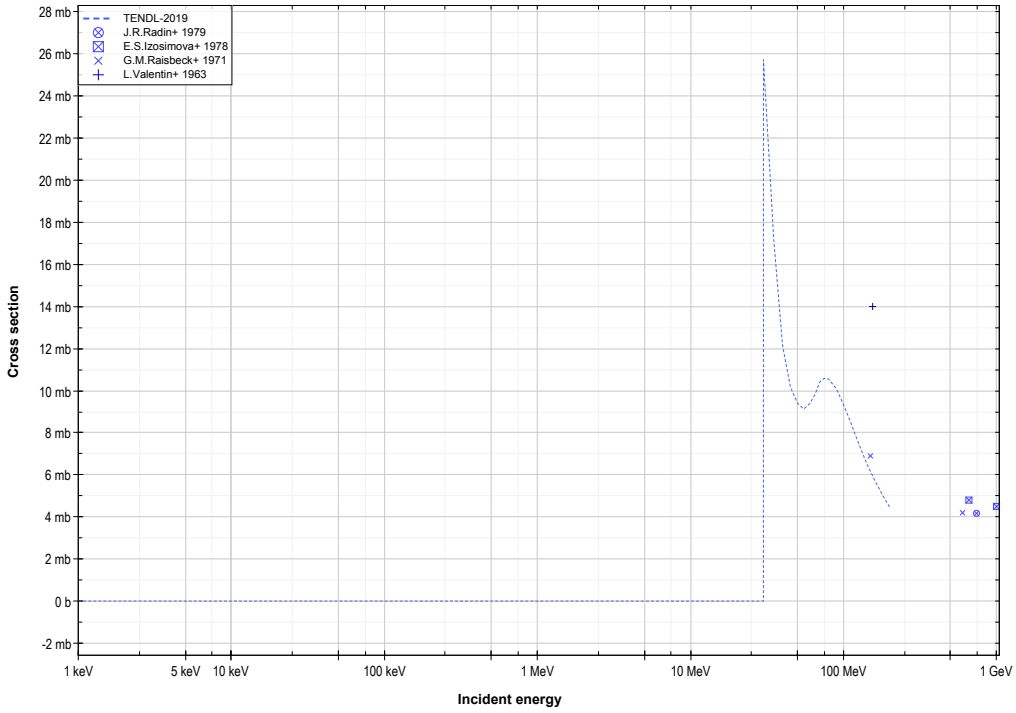
Reaction	Q-Value
B11(p,n+α)Be7	-10308.56 keV
B11(p,d+t)Be7	-27897.85 keV
B11(p,n+p+t)Be7	-30122.42 keV
B11(p,2n+He3)Be7	-30886.17 keV
B11(p,n+2d)Be7	-34155.08 keV
B11(p,2n+p+d)Be7	-36379.65 keV
B11(p,3n+2p)Be7	-38604.21 keV

	5-B-11	7-N-14 >>
<< MT176 (p,2n+³He)	**MT179 (p,3n+2p) or MT5 (Be7 production)**	MT182 (p,d+t) >>

B11 (p,3n+2p) or Be7 production log-log



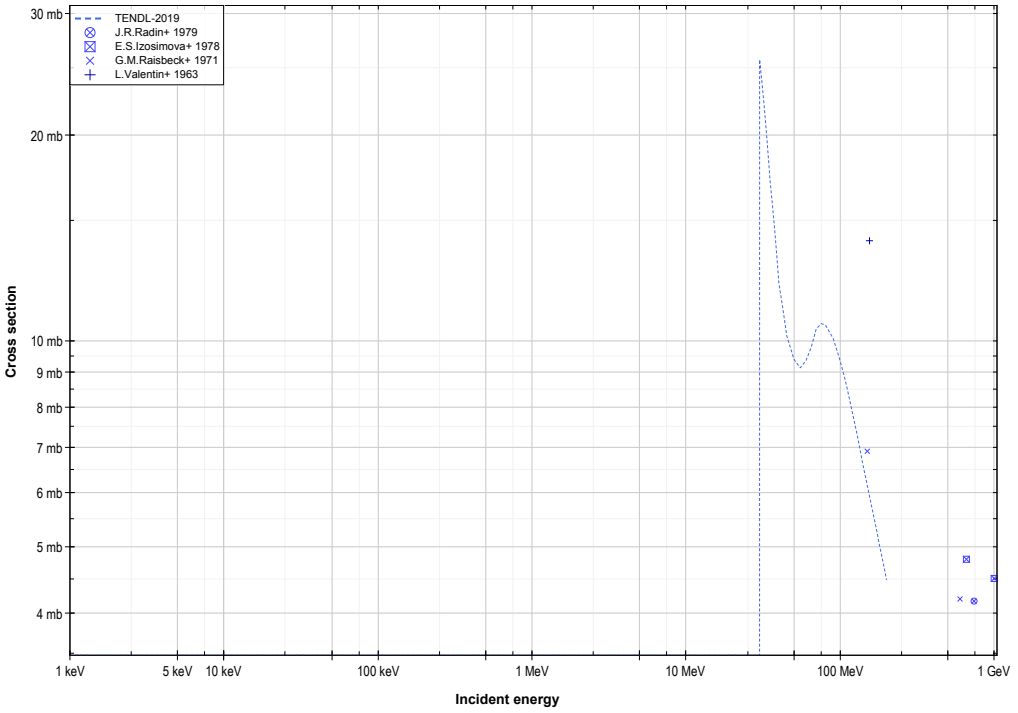
B11 (p,3n+2p) or Be7 production lin-log



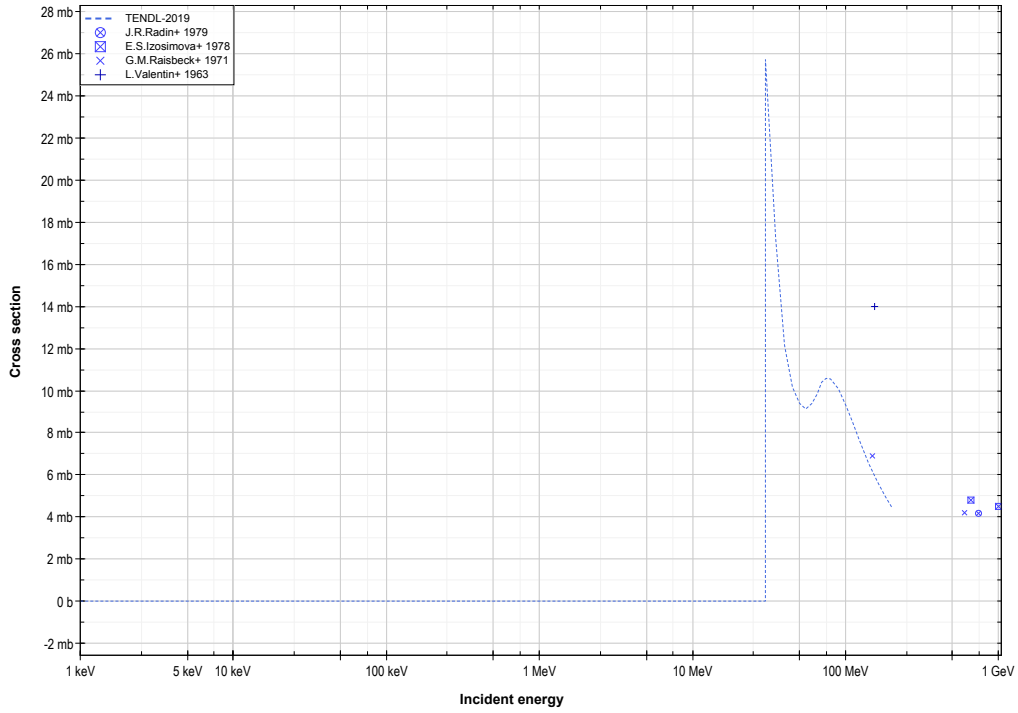
Reaction	Q-Value
B11(p,n+α)Be7	-10308.56 keV
B11(p,d+t)Be7	-27897.85 keV
B11(p,n+p+t)Be7	-30122.42 keV
B11(p,2n+He3)Be7	-30886.17 keV
B11(p,n+2d)Be7	-34155.08 keV
B11(p,2n+p+d)Be7	-36379.65 keV
B11(p,3n+2p)Be7	-38604.21 keV

	5-B-11	7-N-14 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Be7 production)**	MT184 (p,n+p+t) >>

B11 (p,d+t) or Be7 production log-log



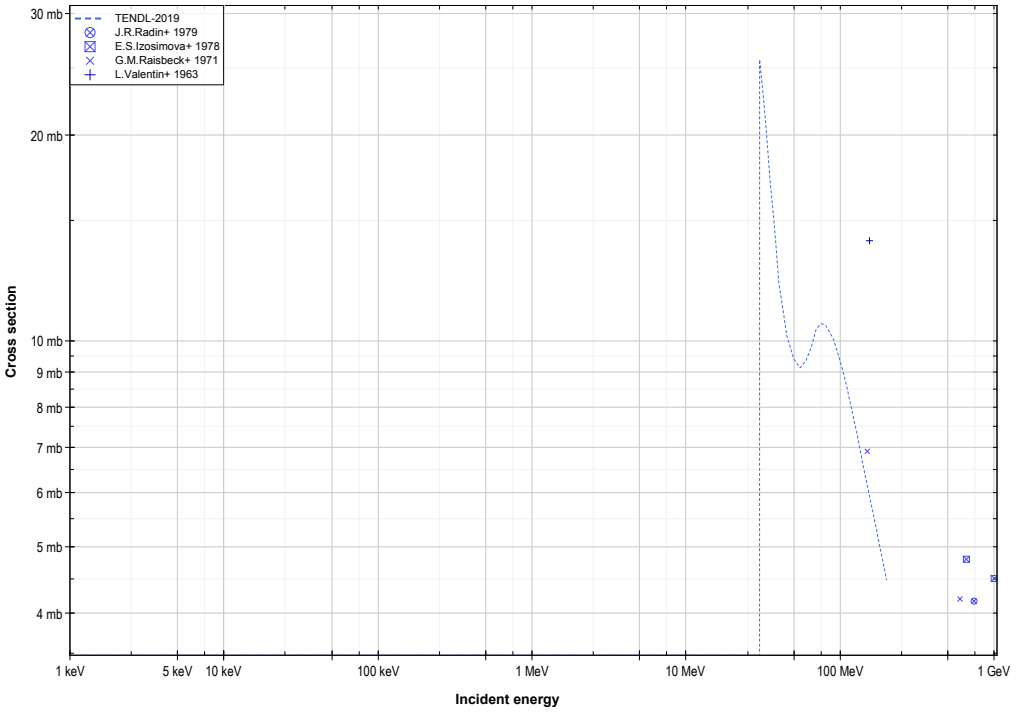
B11 (p,d+t) or Be7 production lin-log



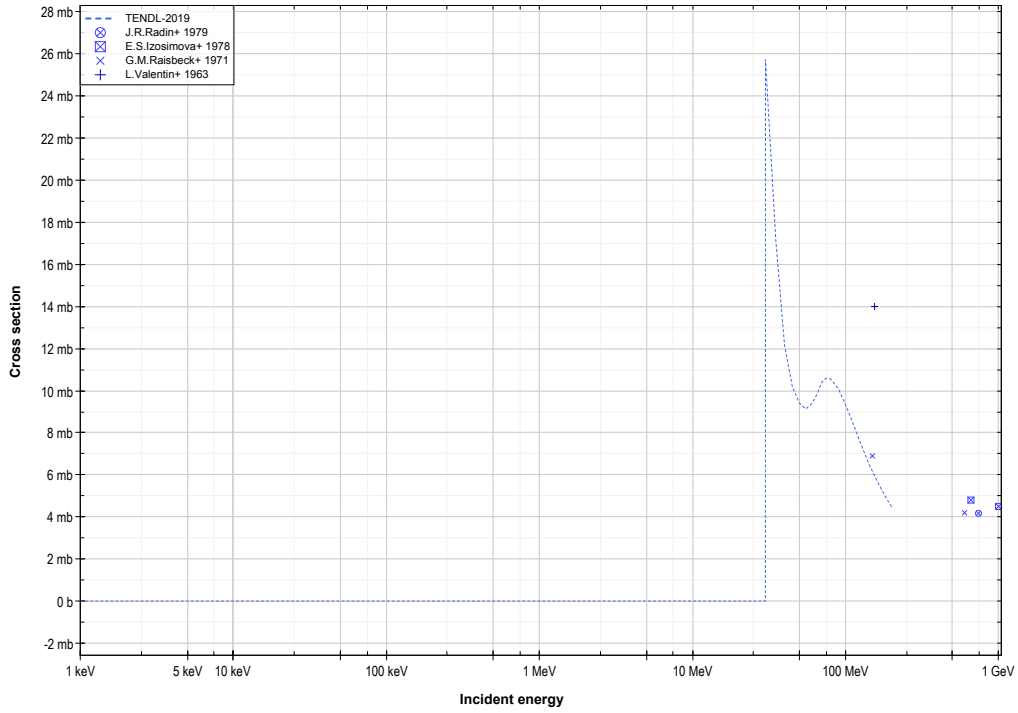
Reaction	Q-Value
B11(p,n+α)Be7	-10308.56 keV
B11(p,d+t)Be7	-27897.85 keV
B11(p,n+p+t)Be7	-30122.42 keV
B11(p,2n+He3)Be7	-30886.17 keV
B11(p,n+2d)Be7	-34155.08 keV
B11(p,2n+p+d)Be7	-36379.65 keV
B11(p,3n+2p)Be7	-38604.21 keV

	5-B-11	7-N-14 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Be7 production)**	MT197 (p,3p) >>

B11 (p,n+p+t) or Be7 production log-log



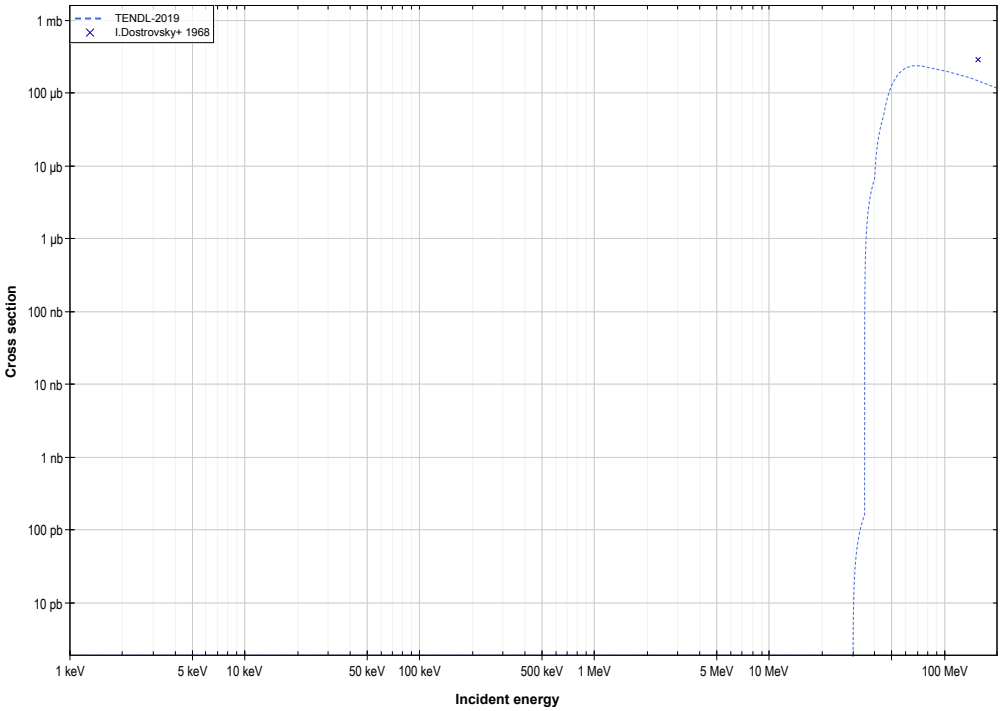
B11 (p,n+p+t) or Be7 production lin-log



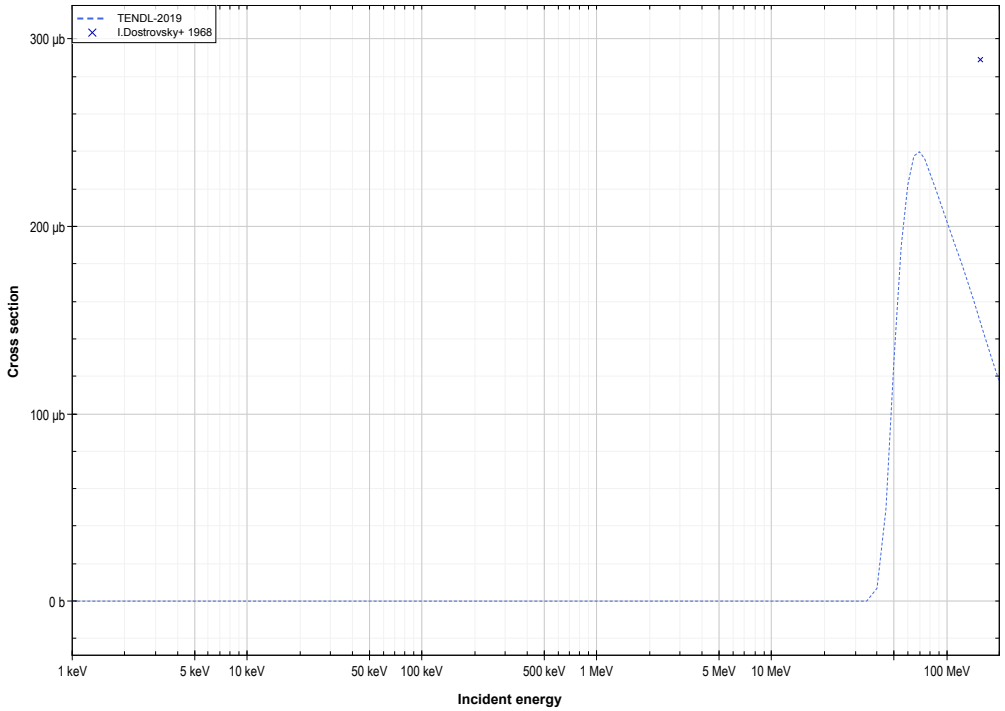
Reaction	Q-Value
B11(p,n+α)Be7	-10308.56 keV
B11(p,d+t)Be7	-27897.85 keV
B11(p,n+p+t)Be7	-30122.42 keV
B11(p,2n+He3)Be7	-30886.17 keV
B11(p,n+2d)Be7	-34155.08 keV
B11(p,2n+p+d)Be7	-36379.65 keV
B11(p,3n+2p)Be7	-38604.21 keV

	5-B-11	6-C-12 >>
<< MT184 (p,n+p+t)	**MT197 (p,3p) or MT5 (Li9 production)**	6-C-12 MT28 (p,n+p) >>

B11 (p,3p) or Li9 production log-log



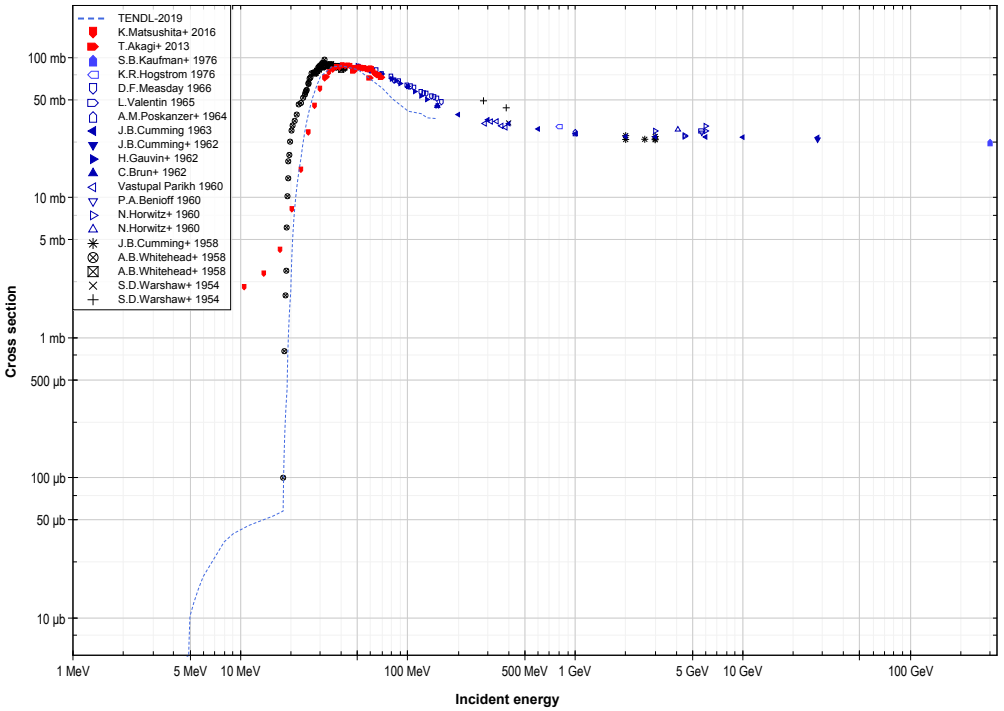
B11 (p,3p) or Li9 production lin-log



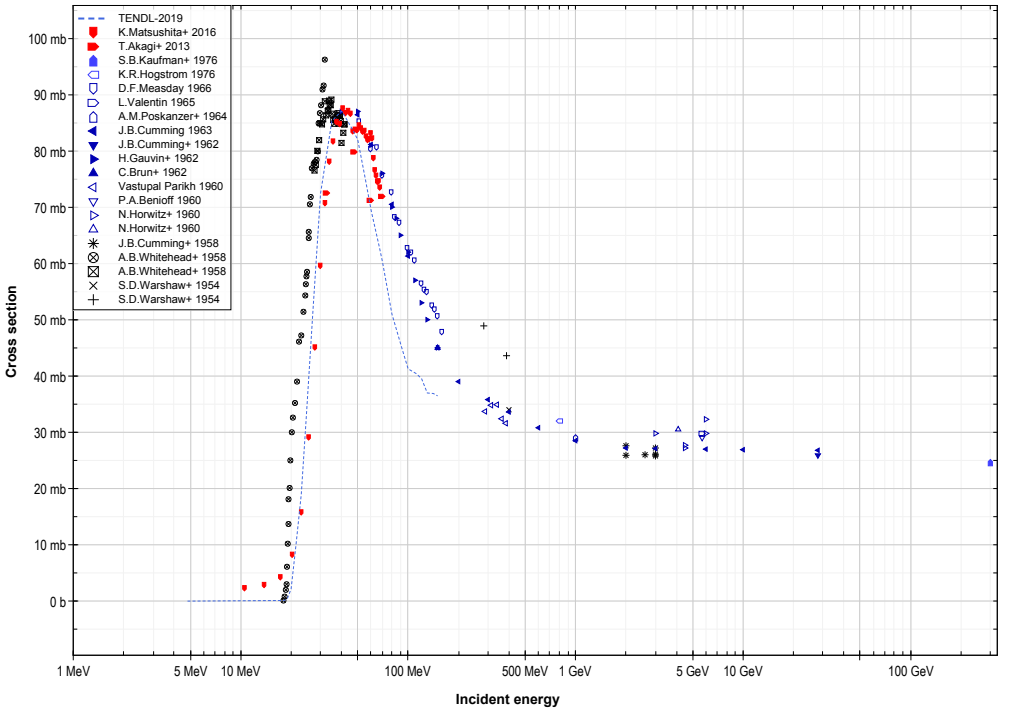
Reaction	Q-Value
B11(p,3p)Li9	-30865.13 keV

<< 1-H-2	**6-C-12**	7-N-14 >>
<< 5-B-11 MT197 (p,3p)	**MT28 (p,n+p) or MT5 (C11 production)**	MT32 (p,n+d) >>

C12 (p,n+p) or C11 production log-log



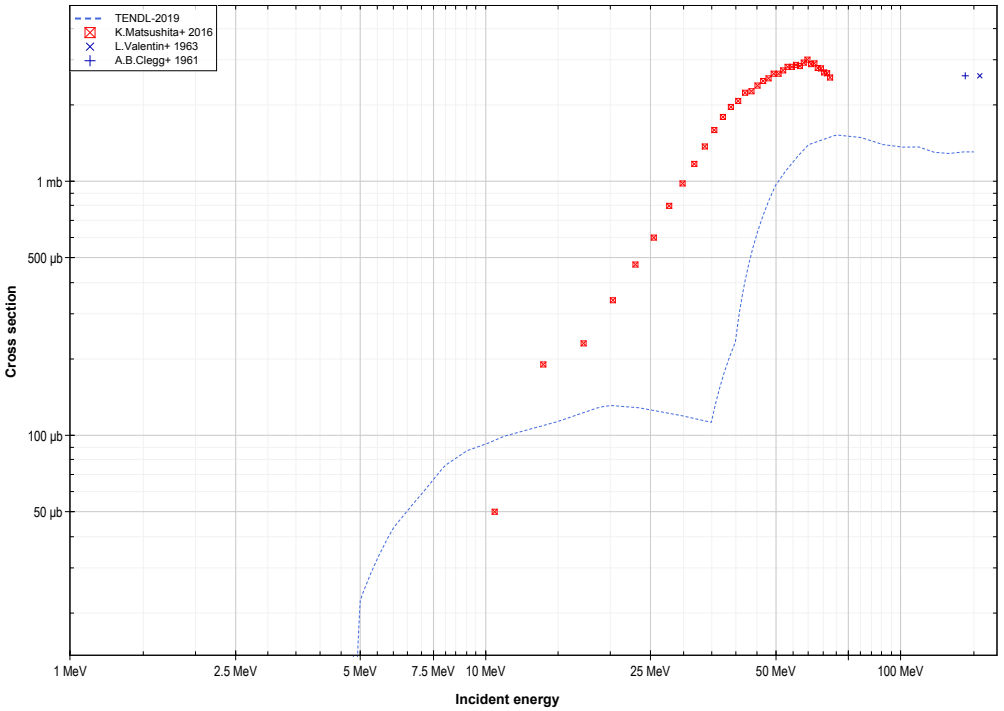
C12 (p,n+p) or C11 production lin-log



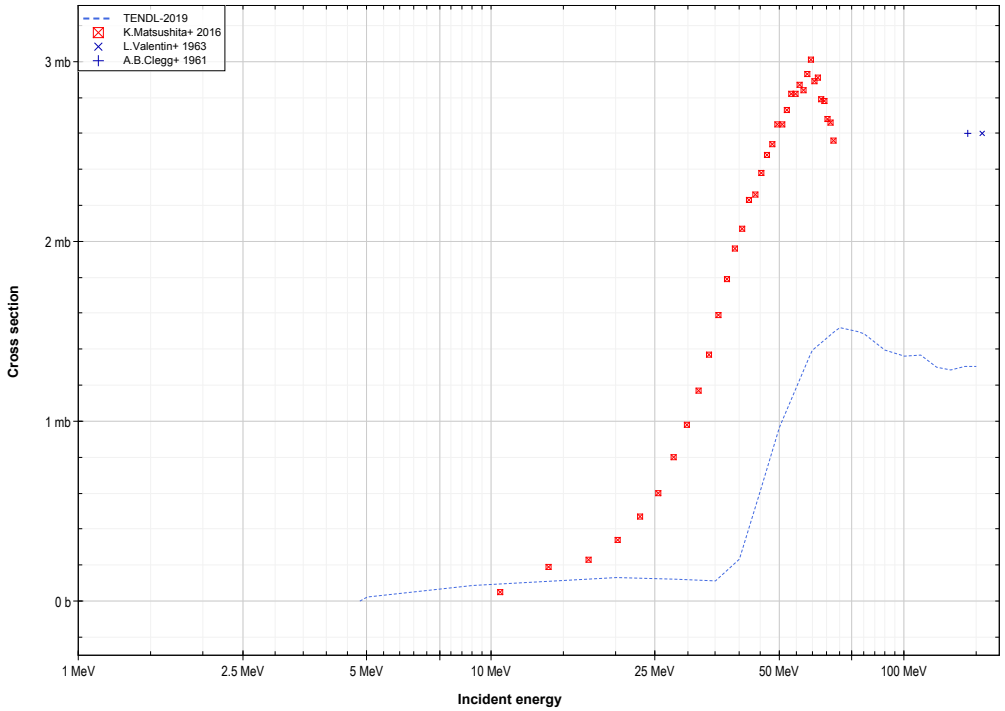
Reaction	Q-Value
C12(p,d)C11	-16496.15 keV
C12(p,n+p)C11	-18720.72 keV

	6-C-12	7-N-15 >>
<< MT28 (p,n+p)	**MT32 (p,n+d) or MT5 (C10 production)**	MT41 (p,2n+p) >>

C12 (p,n+d) or C10 production log-log



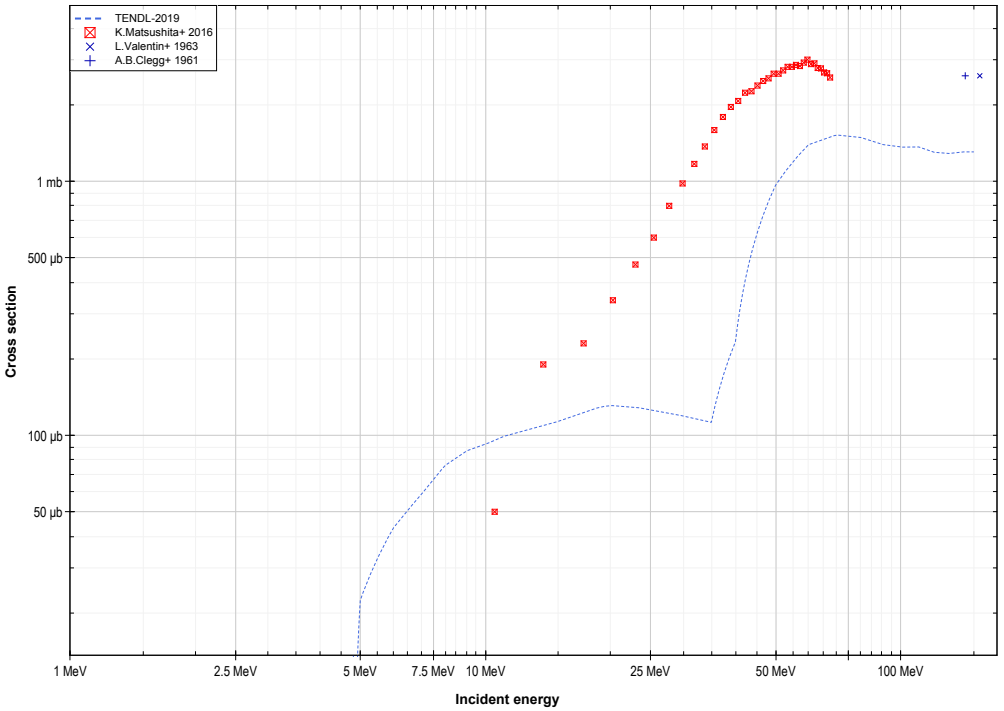
C12 (p,n+d) or C10 production lin-log



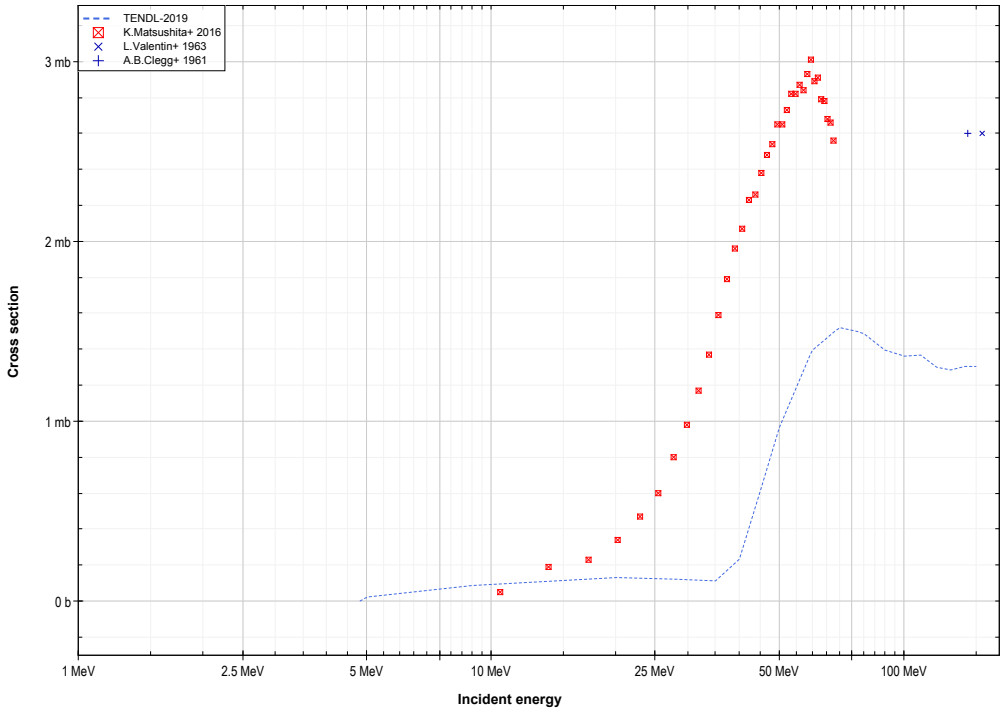
Reaction	Q-Value
C12(p,t)C10	-23359.51 keV
C12(p,n+d)C10	-29616.74 keV
C12(p,2n+p)C10	-31841.30 keV

	6-C-12	7-N-15 >>
<< MT32 (p,n+d)	**MT41 (p,2n+p) or MT5 (C10 production)**	MT45 (p,n+p+α) >>

C12 (p,2n+p) or C10 production log-log



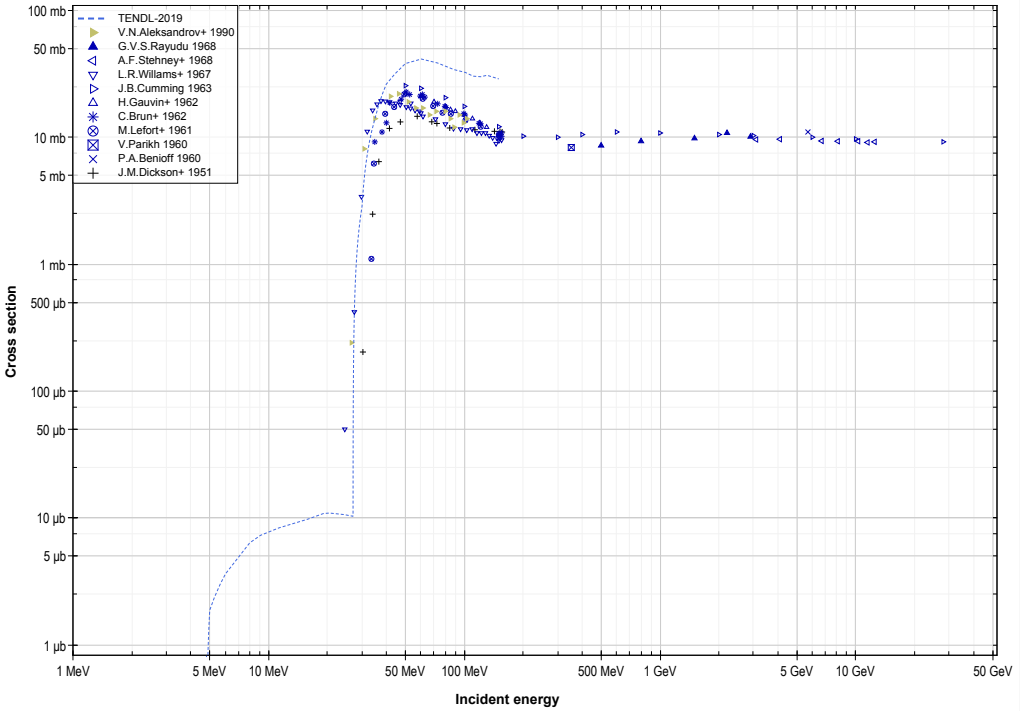
C12 (p,2n+p) or C10 production lin-log



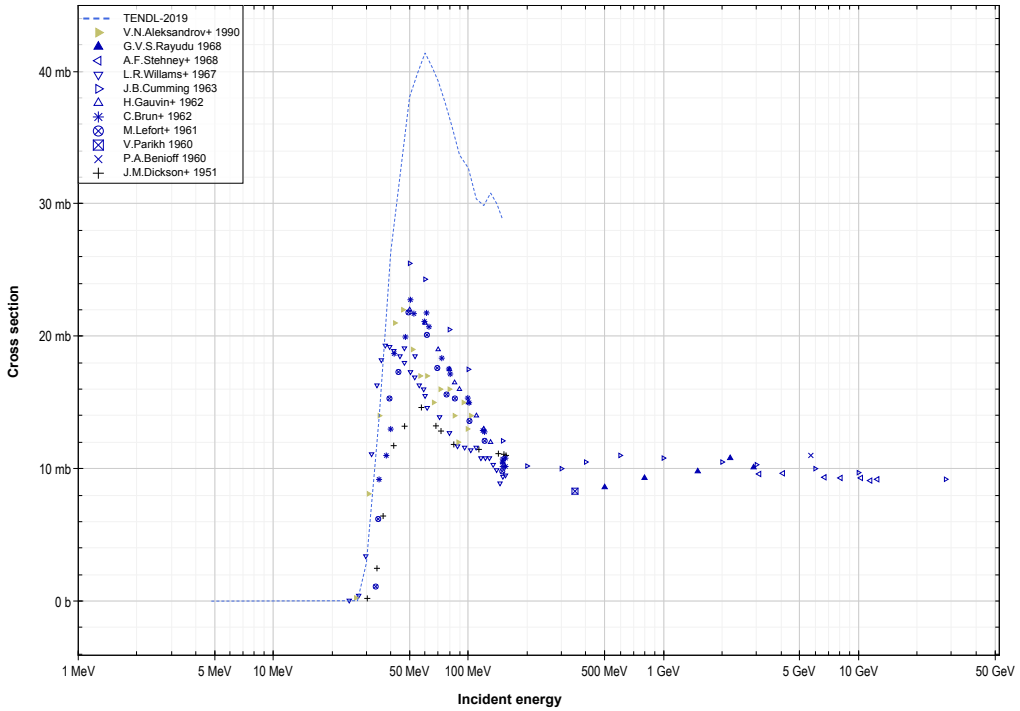
Reaction	Q-Value
C12(p,t)C10	-23359.51 keV
C12(p,n+d)C10	-29616.74 keV
C12(p,2n+p)C10	-31841.30 keV

	6-C-12	8-O-16 >>
<< MT41 (p,2n+p)	**MT45 (p,n+p+α) or MT5 (Be7 production)**	MT104 (p,d) >>

C12 (p,n+p+α) or Be7 production log-log



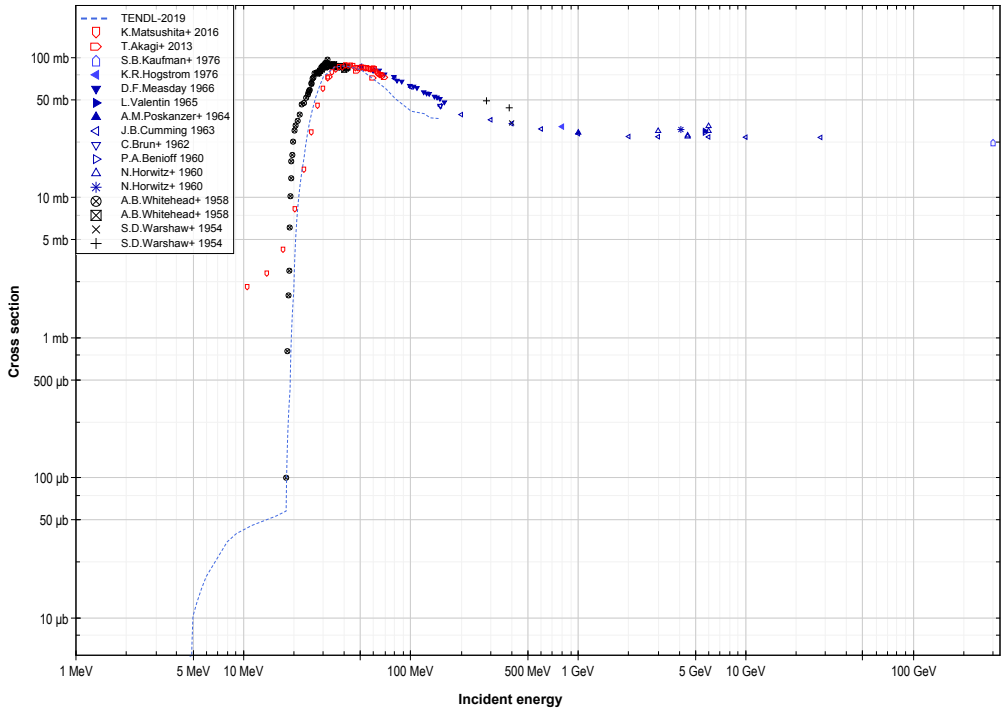
C12 (p,n+p+α) or Be7 production lin-log



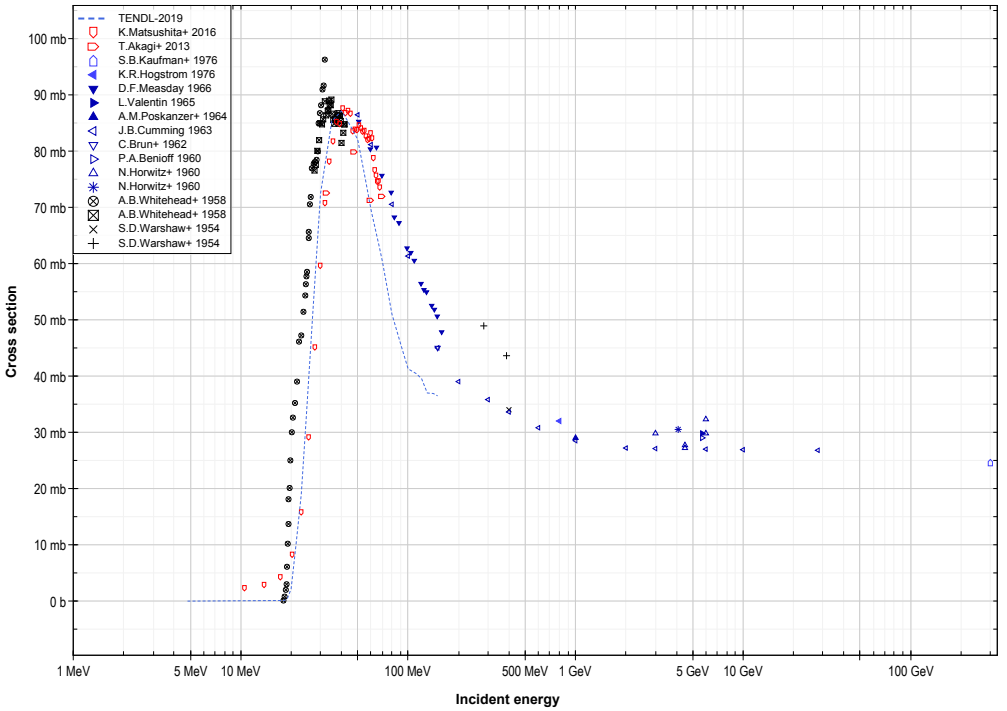
Reaction	Q-Value	Reaction	Q-Value
C12(p,d+α)Be7	-24040.67 keV	C12(p,n+p+2d)Be7	-50111.76 keV
C12(p,n+p+α)Be7	-26265.23 keV	C12(p,2n+2p+d)Be7	-52336.33 keV
C12(p,t+He3)Be7	-38361.06 keV	C12(p,3n+3p)Be7	-54560.89 keV
C12(p,p+d+t)Be7	-43854.53 keV		
C12(p,n+d+He3)Be7	-44618.29 keV		
C12(p,n+2p+t)Be7	-46079.10 keV		
C12(p,2n+p+He3)Be7	-46842.85 keV		
C12(p,3d)Be7	-47887.19 keV		

	6-C-12	7-N-14 >>
<< MT45 (p,n+p+α)	**MT104 (p,d) or MT5 (C11 production)**	MT105 (p,t) >>

C12 (p,d) or C11 production log-log



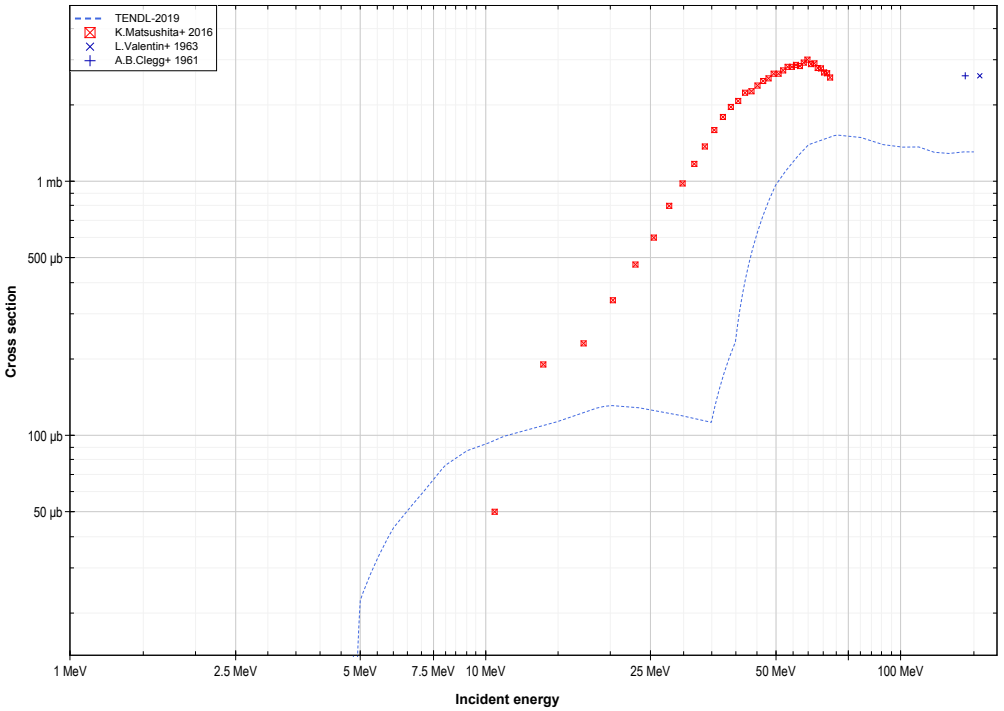
C12 (p,d) or C11 production lin-log



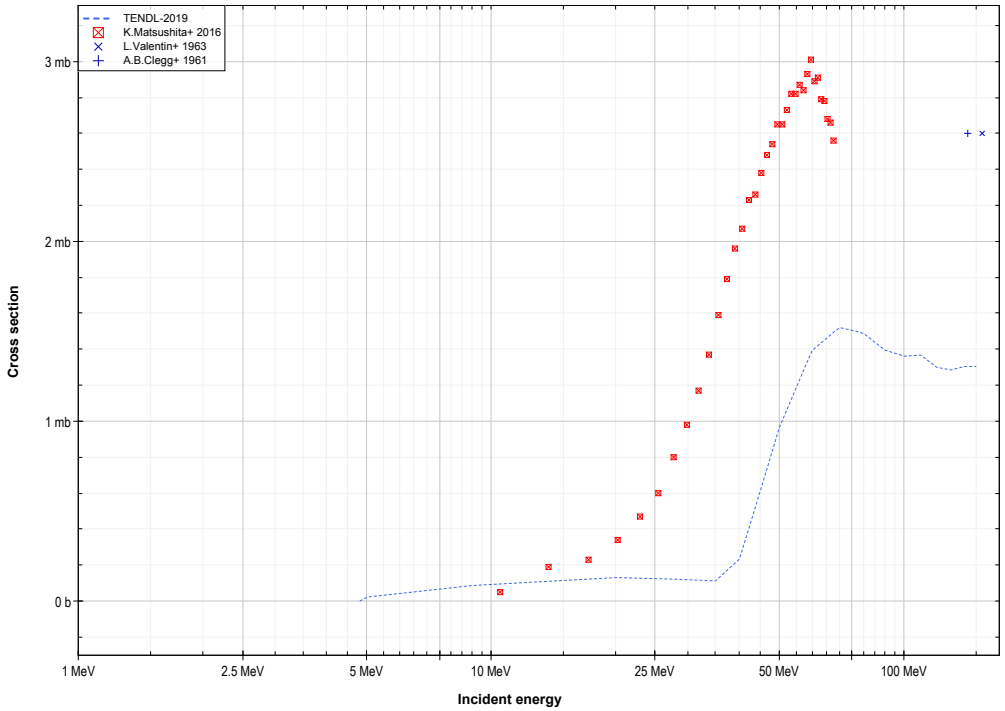
Reaction	Q-Value
C12(p,d)C11	-16496.15 keV
C12(p,n+p)C11	-18720.72 keV

	6-C-12	7-N-15 >>
<< MT104 (p,d)	**MT105 (p,t) or MT5 (C10 production)**	MT107 (p,α) >>

C12 (p,t) or C10 production log-log



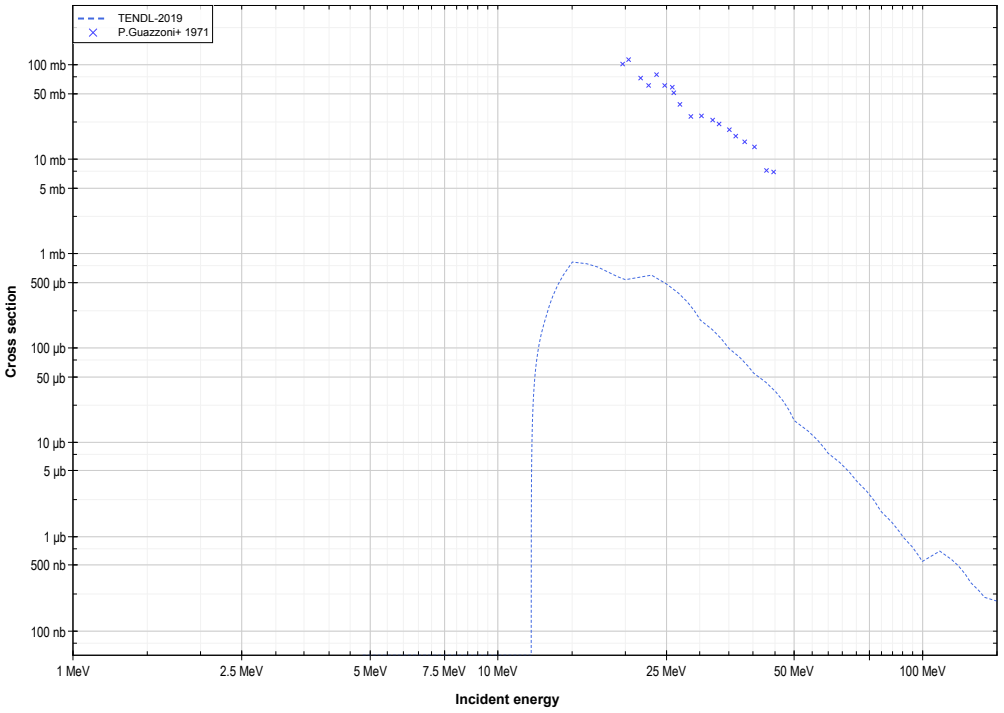
C12 (p,t) or C10 production lin-log



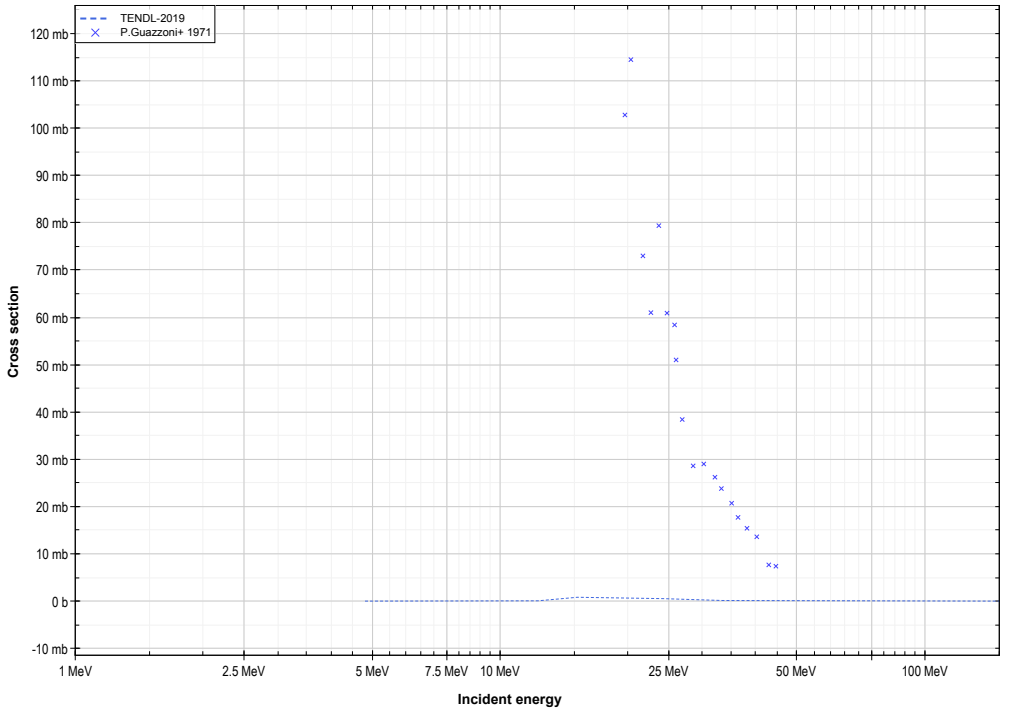
Reaction	Q-Value
C12(p,t)C10	-23359.51 keV
C12(p,n+d)C10	-29616.74 keV
C12(p,2n+p)C10	-31841.30 keV

<< 5-B-11	**6-C-12**	7-N-14 >>
<< MT105 (p,t)	**MT107 (p,α) or MT5 (B9 production)**	MT109 (p,3α) >>

C12 (p,α) or B9 production log-log



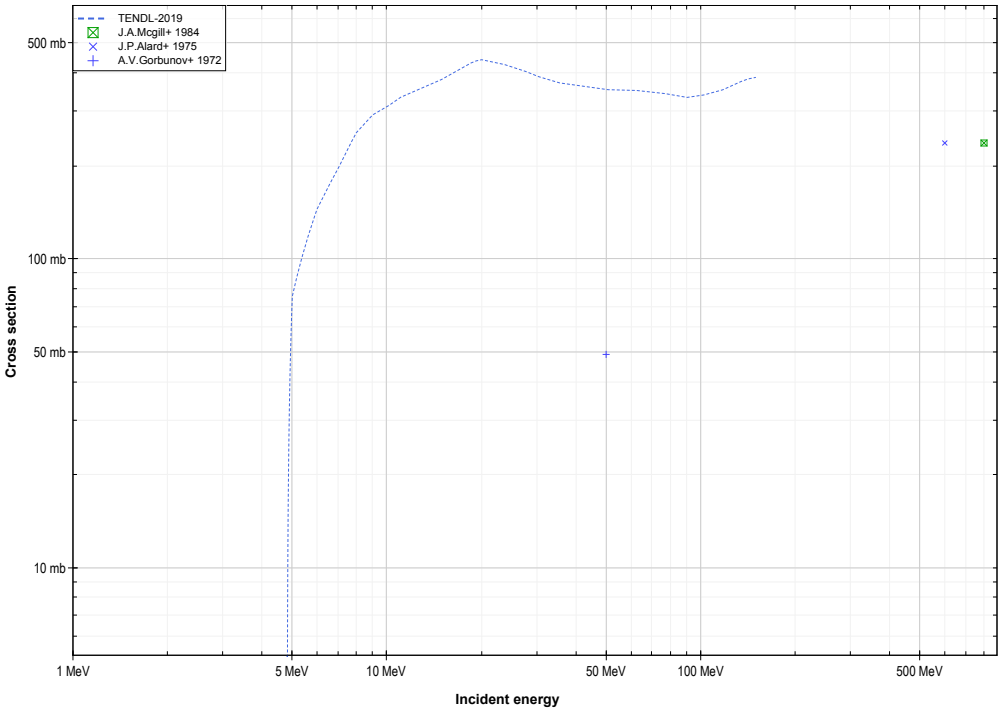
C12 (p,α) or B9 production lin-log



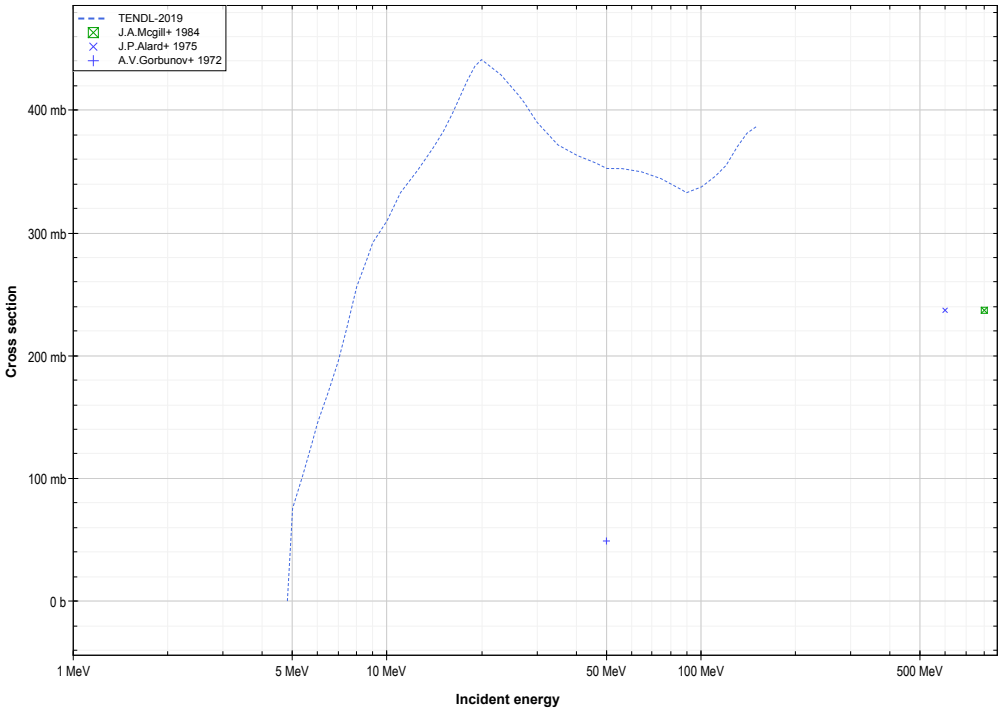
Reaction	Q-Value
C12(p,α)B9	-7552.45 keV
C12(p,p+t)B9	-27366.31 keV
C12(p,n+He3)B9	-28130.06 keV
C12(p,2d)B9	-31398.97 keV
C12(p,n+p+d)B9	-33623.54 keV
C12(p,2n+2p)B9	-35848.10 keV

	6-C-12	14-Si-29 >>
<< MT107 (p,α)	**MT109 (p,3α) or MT5 (H1 production)**	MT111 (p,2p) >>

C12 (p,3α) or H1 production log-log



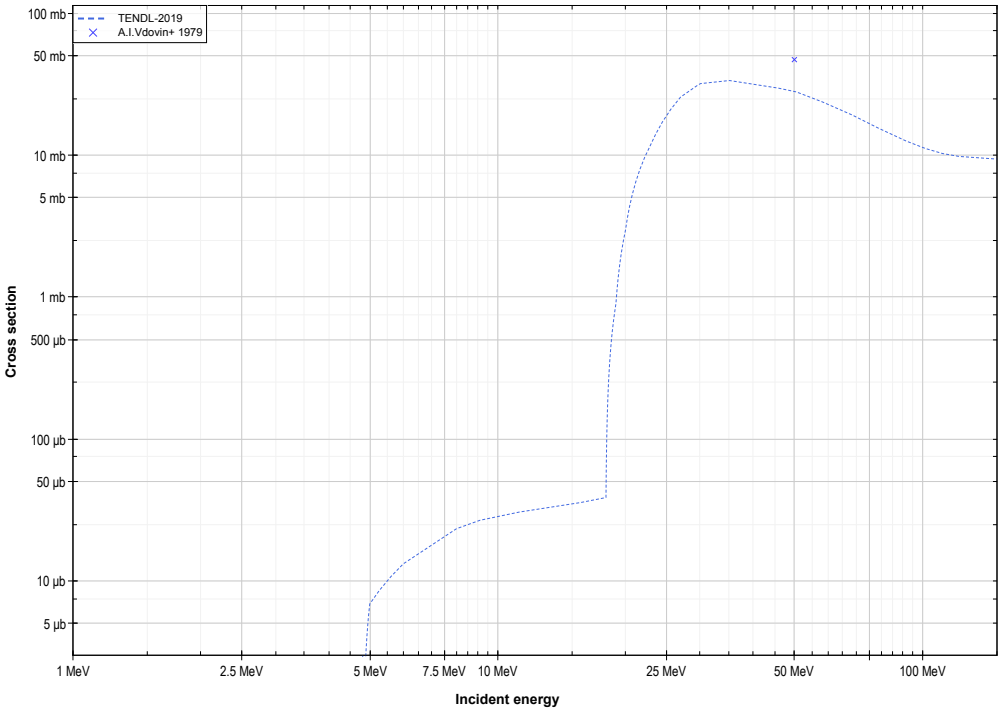
C12 (p,3α) or H1 production lin-log



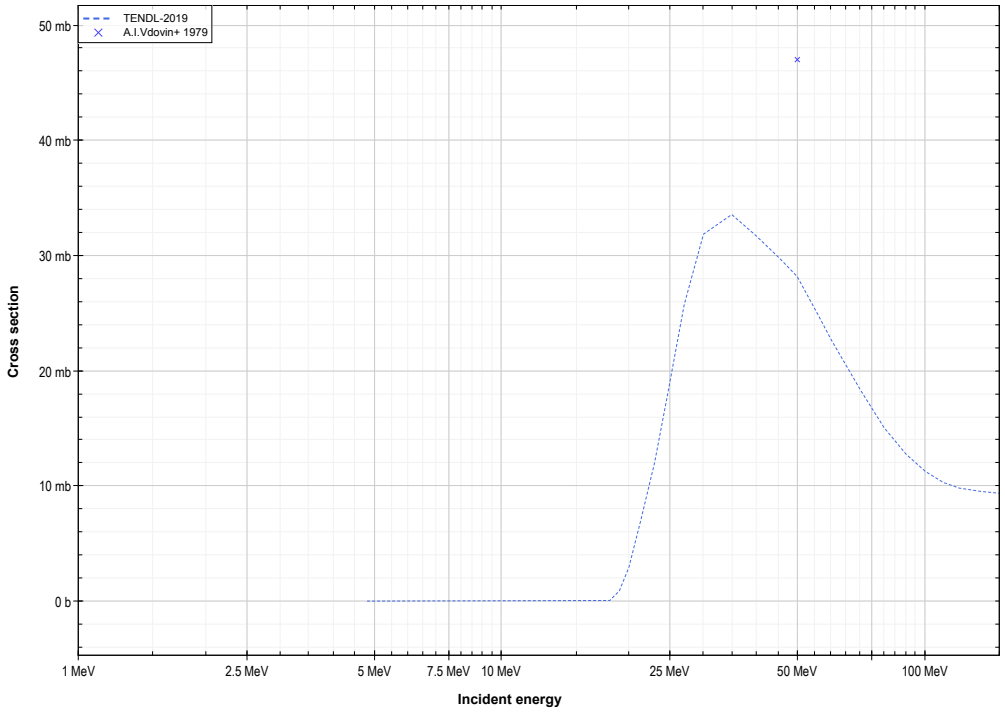
Reaction	Q-Value	Reaction	Q-Value
C12(p,3α)H1	-7274.75 keV	C12(p,n+p+t+He3+α)H1	-47666.23 keV
C12(p,p+t+2α)H1	-27088.61 keV	C12(p,2n+2He3+α)H1	-48429.99 keV
C12(p,n+He3+2α)H1	-27852.37 keV	C12(p,p+2d+t+α)H1	-50935.14 keV
C12(p,2d+2α)H1	-31121.27 keV	C12(p,n+2d+He3+α)H1	-51698.89 keV
C12(p,n+p+d+2α)H1	-33345.84 keV	C12(p,n+2p+d+t+α)H1	-53159.71 keV
C12(p,2n+2p+2α)H1	-35570.41 keV	C12(p,2n+p+d+He3+α)H1	-53923.46 keV
C12(p,d+t+He3+α)H1	-45441.67 keV	C12(p,4d+α)H1	-54967.80 keV
C12(p,2p+2t+α)H1	-46902.48 keV	C12(p,2n+3p+t+α)H1	-55384.27 keV

<< 5-B-11	**6-C-12**	7-N-14 >>
<< MT109 (p,3α)	**MT111 (p,2p) or MT5 (B11 production)**	MT115 (p,p+d) >>

C12 (p,2p) or B11 production log-log



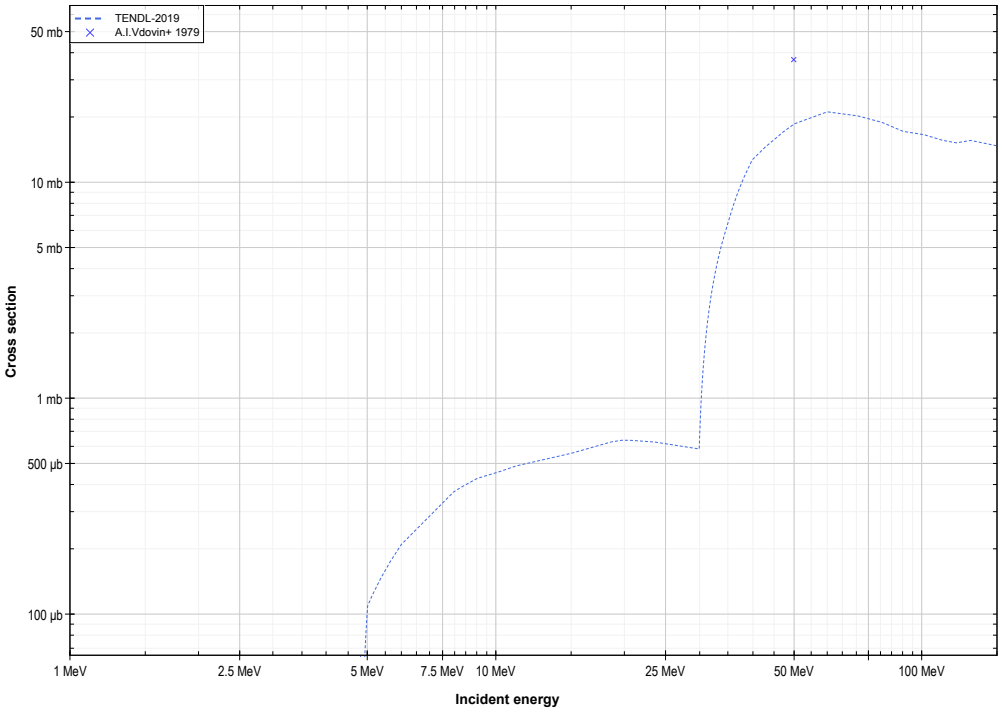
C12 (p,2p) or B11 production lin-log



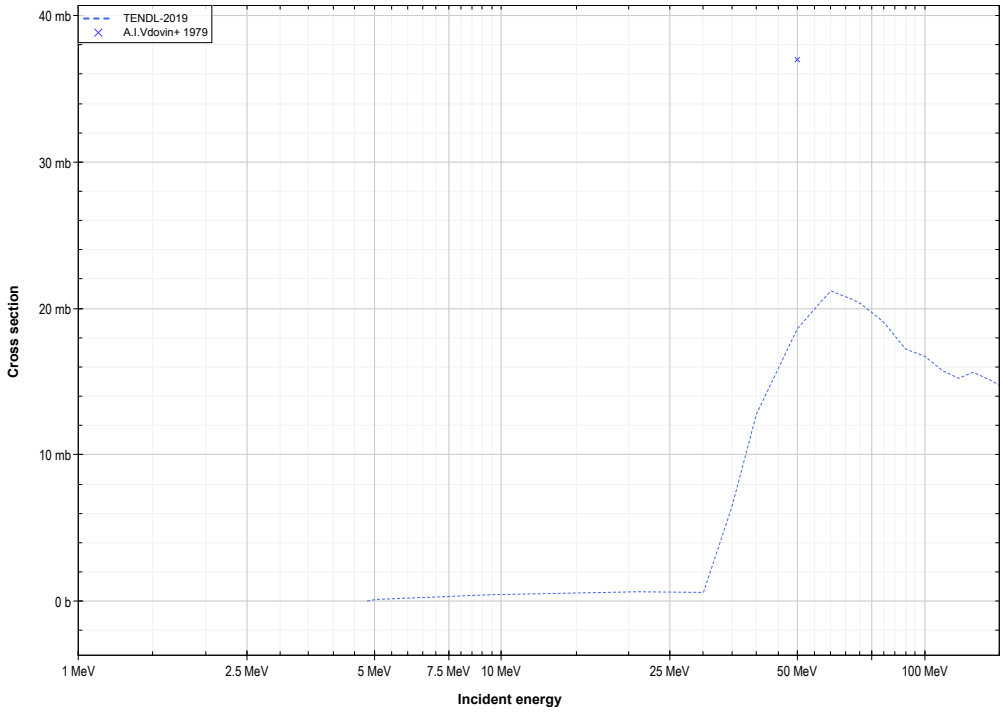
Reaction	Q-Value
C12(p,2p)B11	-15956.68 keV

	6-C-12	7-N-14 >>
<< MT111 (p,2p)	**MT115 (p,p+d) or MT5 (B10 production)**	MT117 (p,d+α) >>

C12 (p,p+d) or B10 production log-log



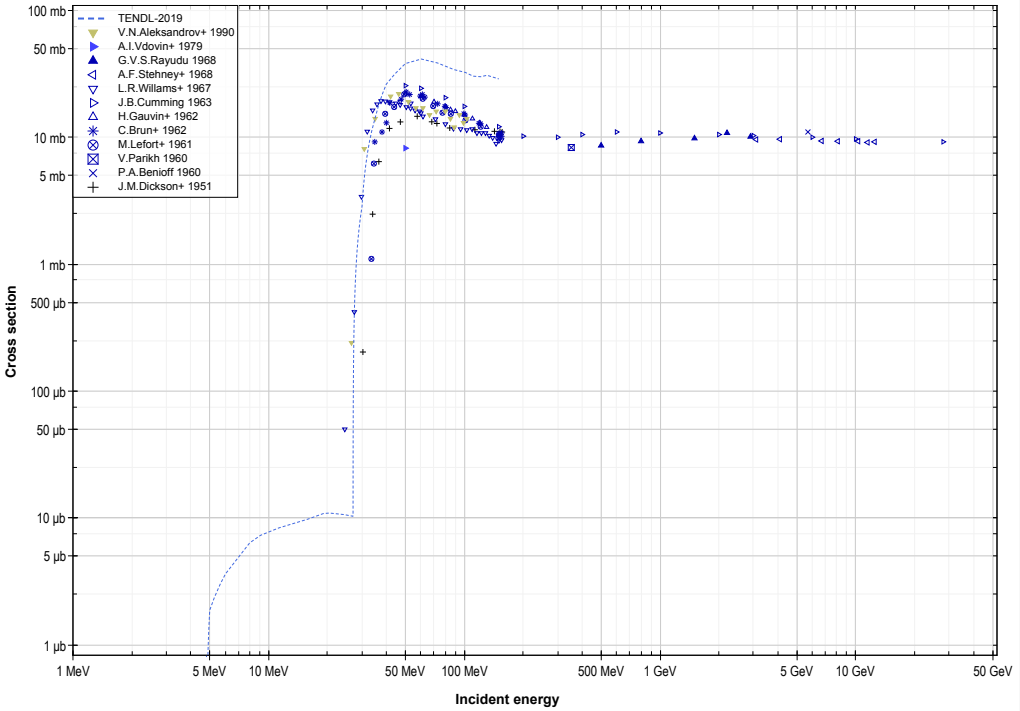
C12 (p,p+d) or B10 production lin-log



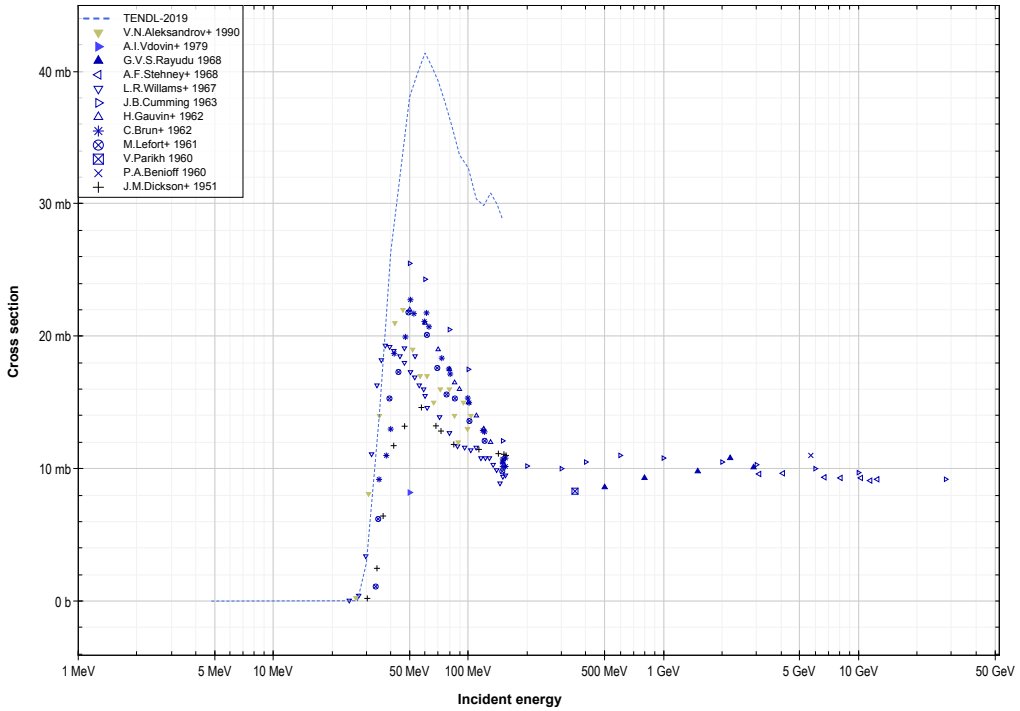
Reaction	Q-Value
C12(p,He3)B10	-19692.86 keV
C12(p,p+d)B10	-25186.33 keV
C12(p,n+2p)B10	-27410.90 keV

	6-C-12	8-O-16 >>
<< MT115 (p,p+d)	**MT117 (p,d+α) or MT5 (Be7 production)**	MT187 (p,n+d+^{3}He) >>

C12 (p,d+α) or Be7 production log-log



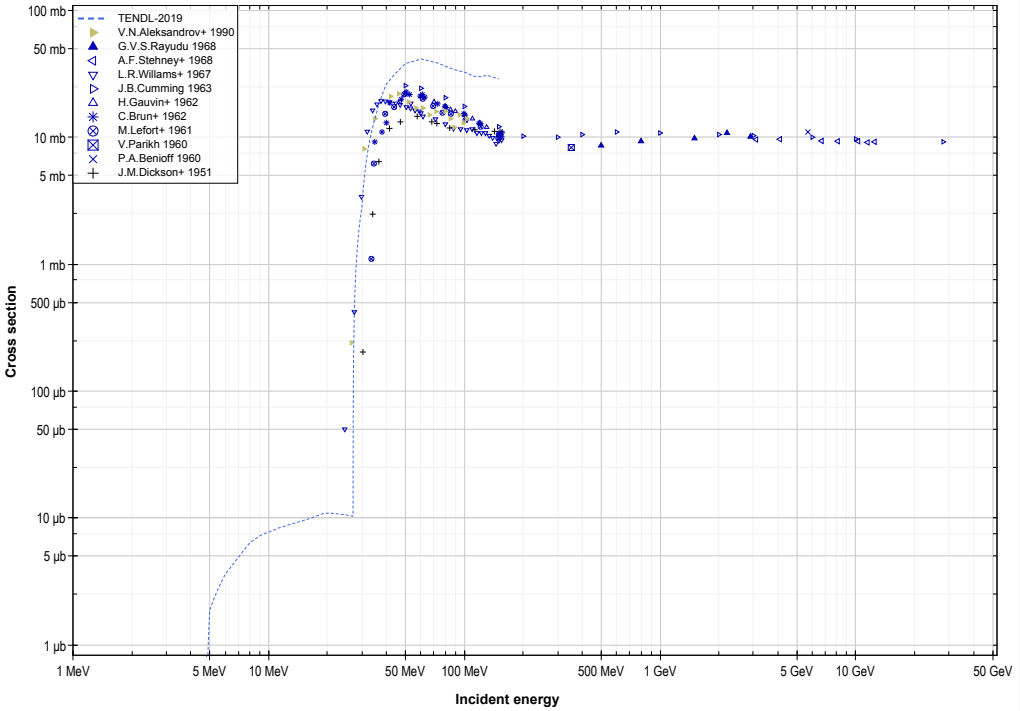
C12 (p,d+α) or Be7 production lin-log



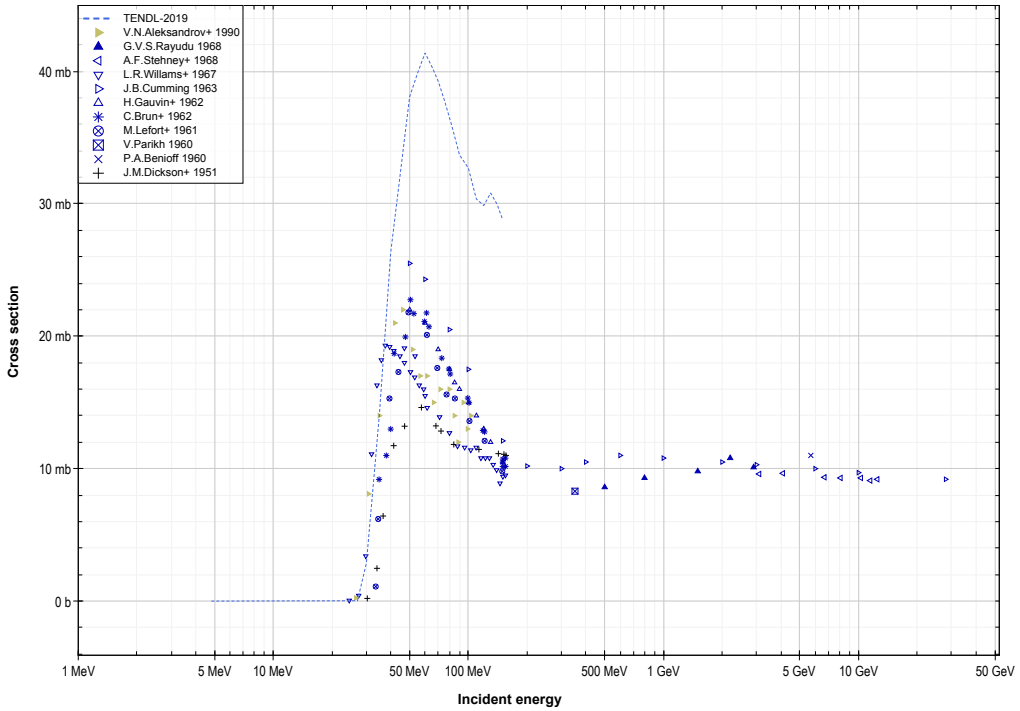
Reaction	Q-Value	Reaction	Q-Value
C12(p,d+α)Be7	-24040.67 keV	C12(p,n+p+2d)Be7	-50111.76 keV
C12(p,n+p+α)Be7	-26265.23 keV	C12(p,2n+2p+d)Be7	-52336.33 keV
C12(p,t+He3)Be7	-38361.06 keV	C12(p,3n+3p)Be7	-54560.89 keV
C12(p,p+d+t)Be7	-43854.53 keV		
C12(p,n+d+He3)Be7	-44618.29 keV		
C12(p,n+2p+t)Be7	-46079.10 keV		
C12(p,2n+p+He3)Be7	-46842.85 keV		
C12(p,3d)Be7	-47887.19 keV		

	6-C-12	8-O-16 >>
<< MT117 (p,d+α)	**MT187 (p,n+d+³He) or MT5 (Be7 production)**	MT191 (p,p+³He) >>

C12 (p,n+d+³He) or Be7 production log-log



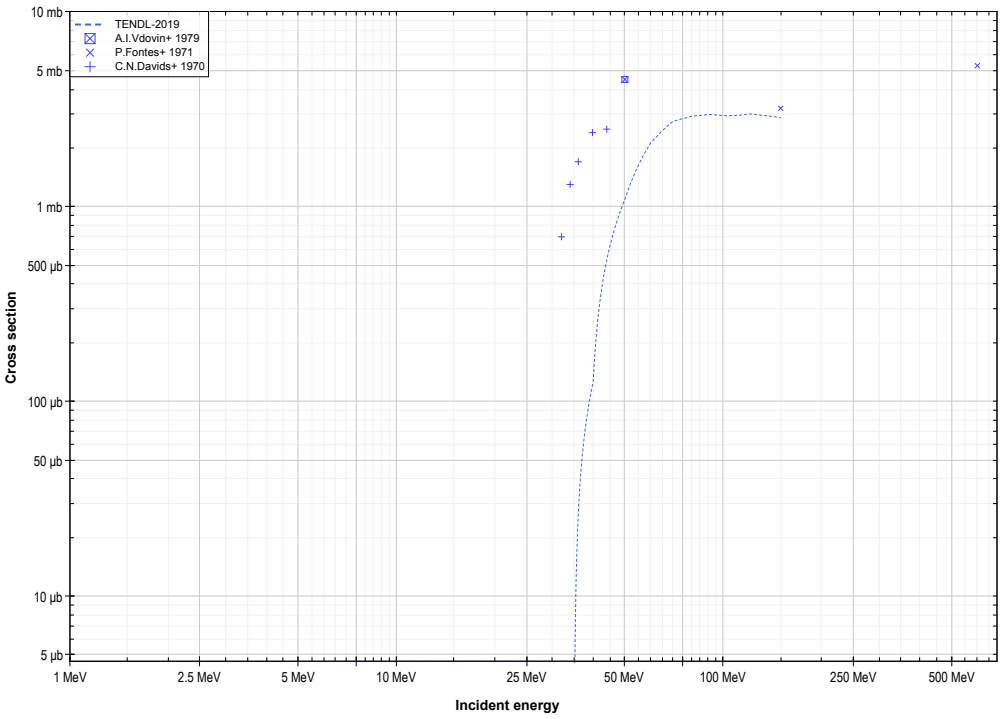
C12 (p,n+d+³He) or Be7 production lin-log



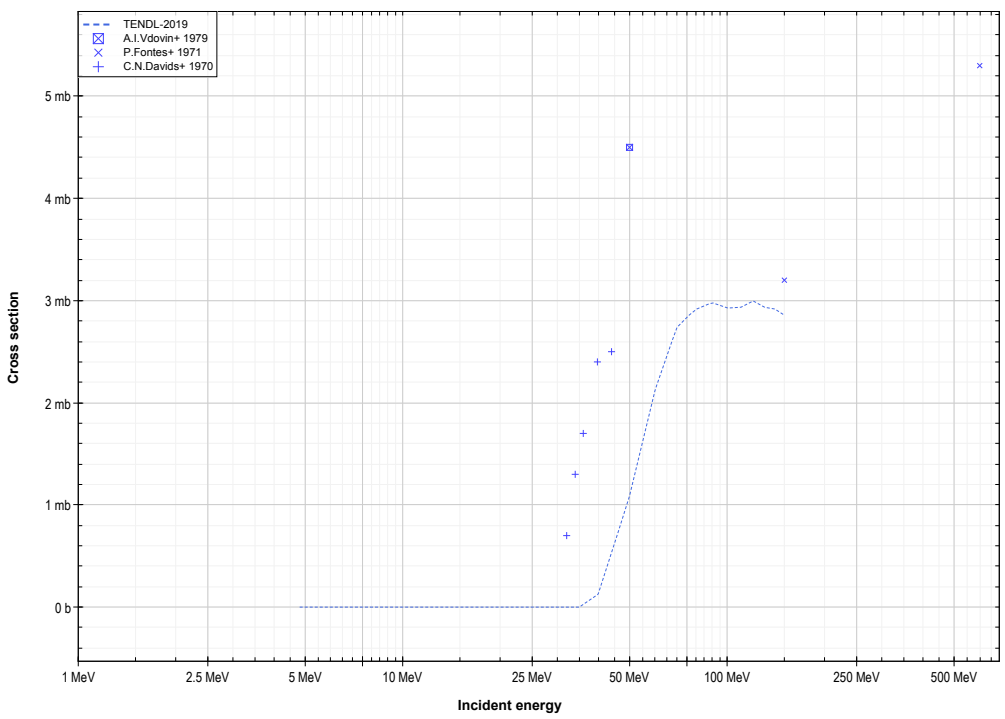
Reaction	Q-Value	Reaction	Q-Value
C12(p,d+α)Be7	-24040.67 keV	C12(p,n+p+2d)Be7	-50111.76 keV
C12(p,n+p+α)Be7	-26265.23 keV	C12(p,2n+2p+d)Be7	-52336.33 keV
C12(p,t+He3)Be7	-38361.06 keV	C12(p,3n+3p)Be7	-54560.89 keV
C12(p,p+d+t)Be7	-43854.53 keV		
C12(p,n+d+He3)Be7	-44618.29 keV		
C12(p,n+2p+t)Be7	-46079.10 keV		
C12(p,2n+p+He3)Be7	-46842.85 keV		
C12(p,3d)Be7	-47887.19 keV		

	6-C-12	7-N-14 >>
<< MT187 (p,n+d+³He)	**MT191 (p,p+³He) or MT5 (Be9 production)**	MT193 (p,³He+α) >>

C12 (p,p+³He) or Be9 production log-log



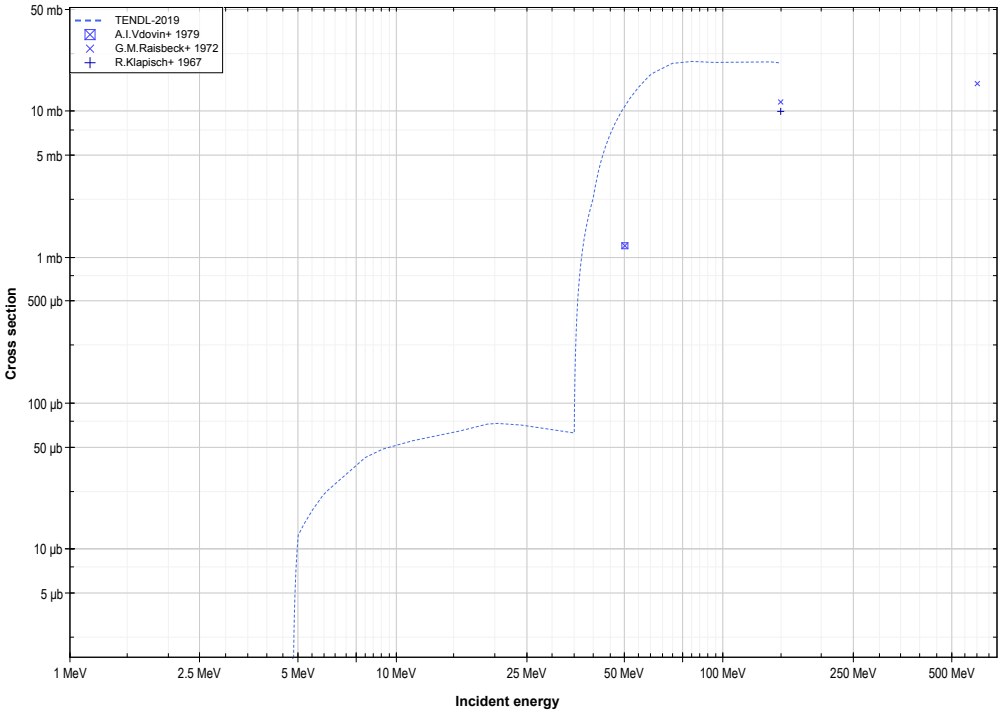
C12 (p,p+³He) or Be9 production lin-log



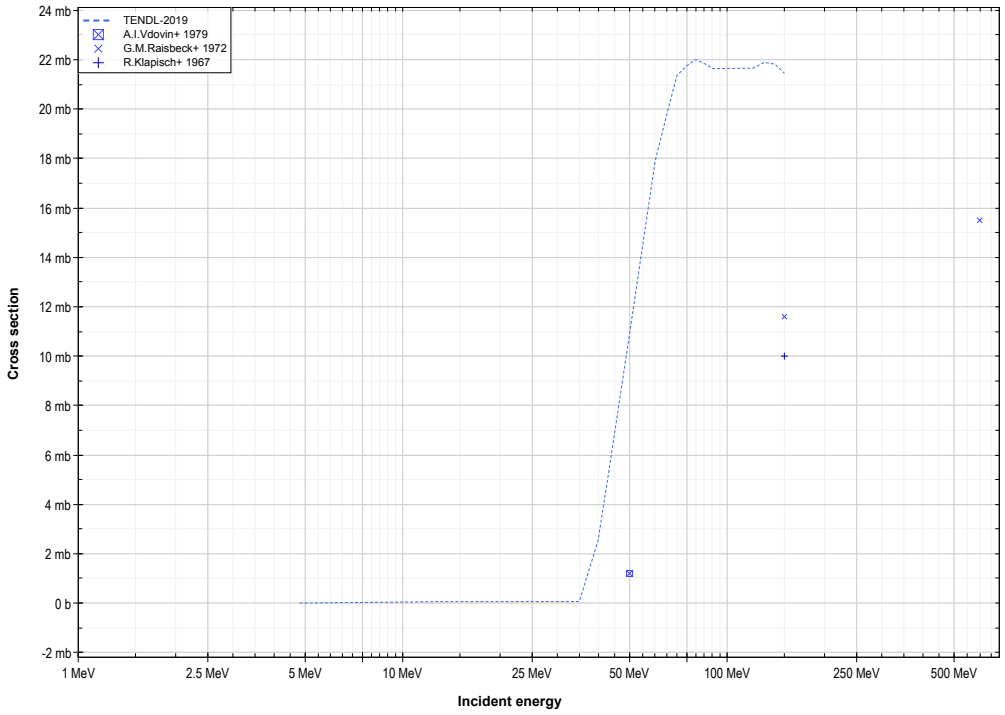
Reaction	Q-Value
C12(p,p+He3)Be9	-26279.67 keV
C12(p,2p+d)Be9	-31773.14 keV
C12(p,n+3p)Be9	-33997.71 keV

	6-C-12	8-O-16 >>
<< MT191 (p,p+³He)	**MT193 (p,³He+α) or MT5 (Li6 production)**	MT197 (p,3p) >>

C12 (p,³He+α) or Li6 production log-log



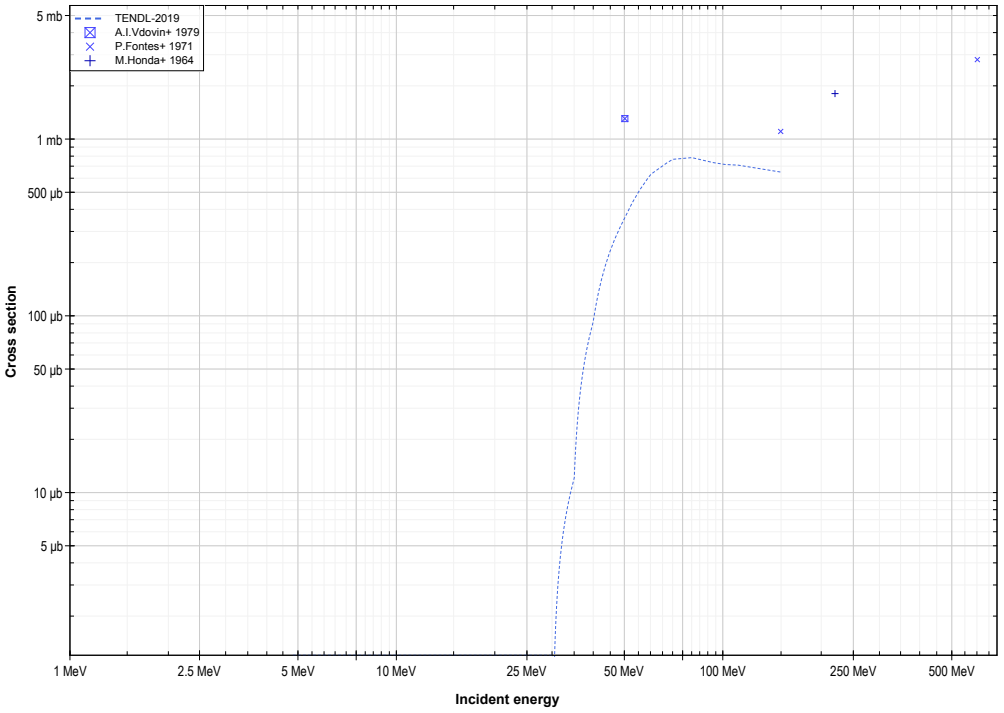
C12 (p,³He+α) or Li6 production lin-log



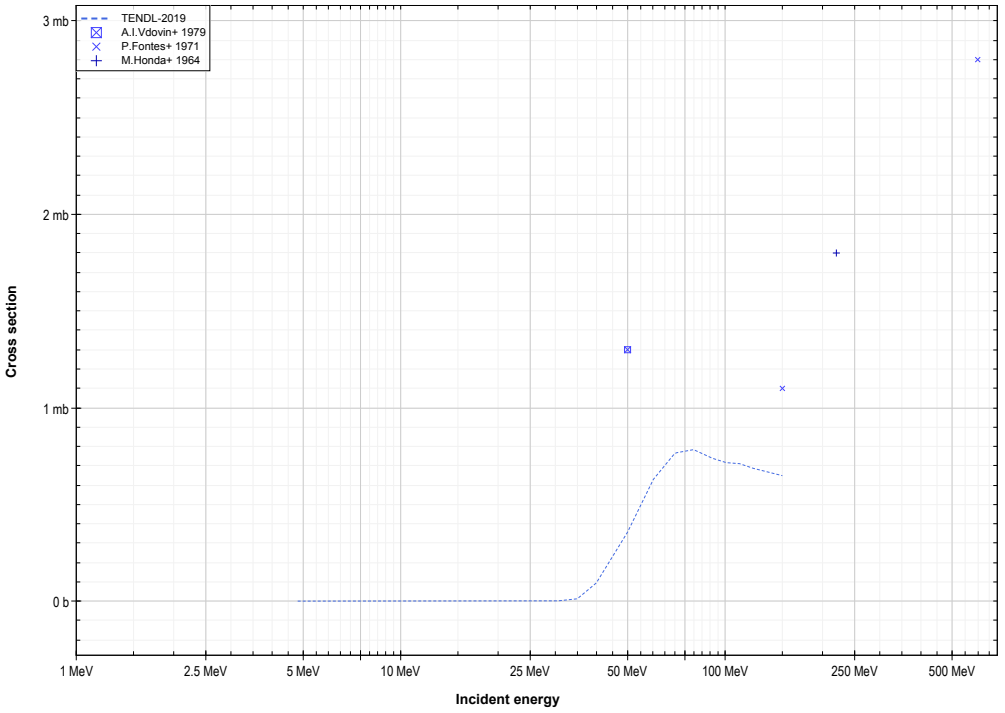
Reaction	Q-Value	Reaction	Q-Value
C12(p,He3+α)Li6	-24154.04 keV	C12(p,n+3p+t)Li6	-51685.95 keV
C12(p,p+d+α)Li6	-29647.52 keV	C12(p,2n+2p+He3)Li6	-52449.70 keV
C12(p,n+2p+α)Li6	-31872.08 keV	C12(p,p+3d)Li6	-53494.04 keV
C12(p,p+t+He3)Li6	-43967.91 keV	C12(p,n+2p+2d)Li6	-55718.61 keV
C12(p,n+2He3)Li6	-44731.66 keV	C12(p,2n+3p+d)Li6	-57943.18 keV
C12(p,2d+He3)Li6	-48000.57 keV	C12(p,3n+4p)Li6	-60167.74 keV
C12(p,2p+d+t)Li6	-49461.38 keV		
C12(p,n+p+d+He3)Li6	-50225.14 keV		

<< 5-B-11	**6-C-12**	8-O-16 >>
<< MT193 (p,³He+α)	**MT197 (p,3p) or MT5 (Be10 production)**	MT198 (p,n+3p) >>

C12 (p,3p) or Be10 production log-log



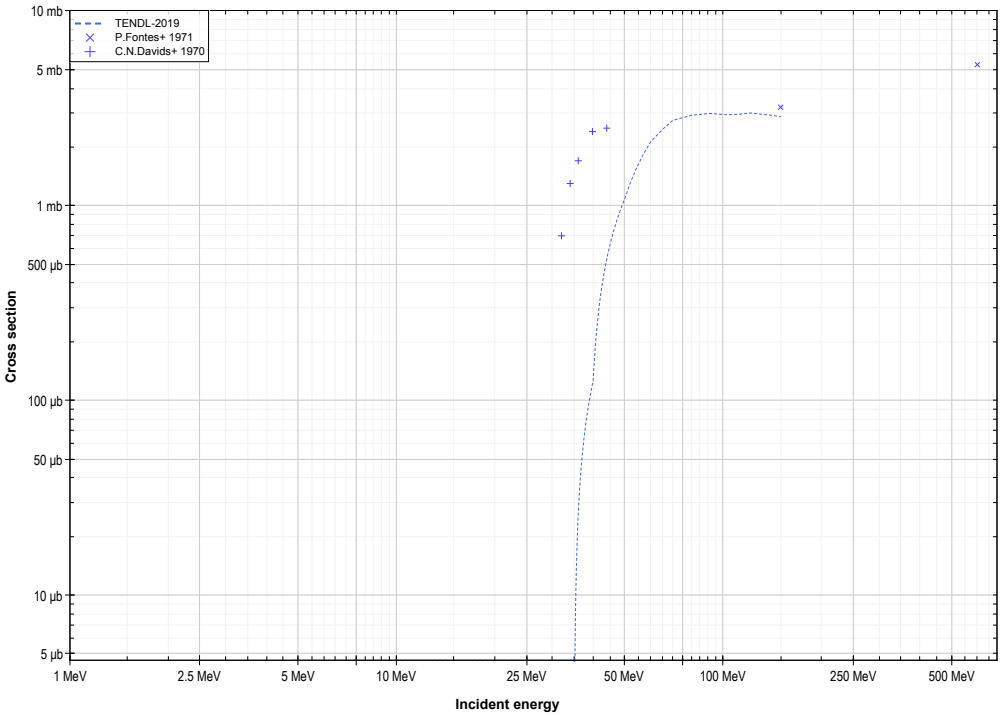
C12 (p,3p) or Be10 production lin-log



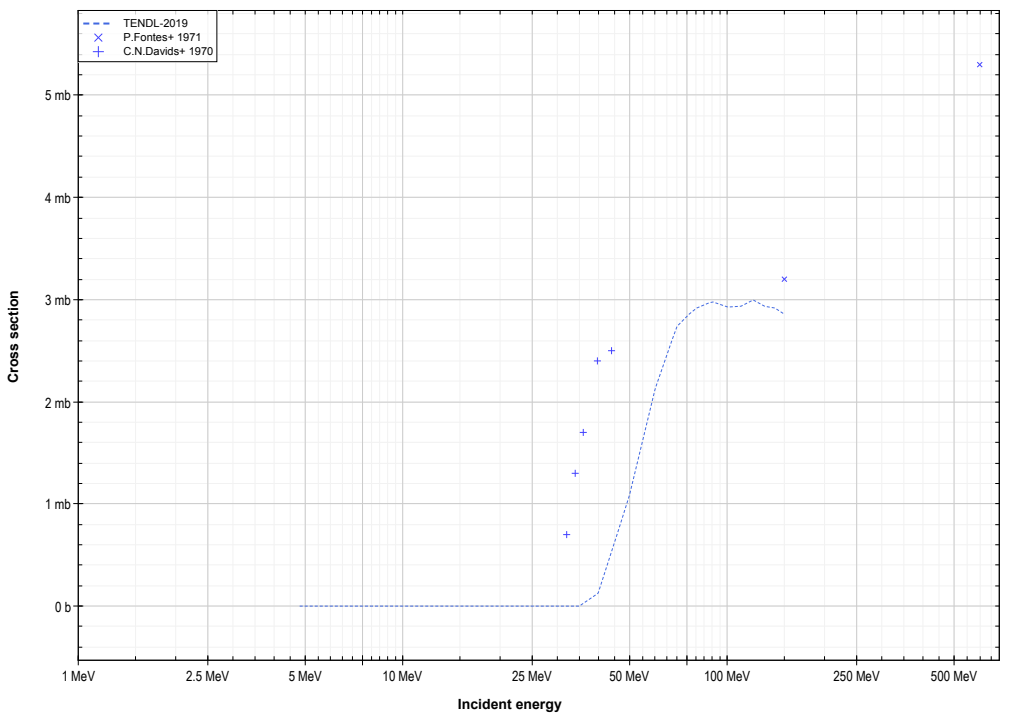
Reaction	Q-Value
C12(p,3p)Be10	-27185.43 keV

	6-C-12	13-Al-27 >>
<< MT197 (p,3p)	**MT198 (p,n+3p) or MT5 (Be9 production)**	6-C-13 MT102 (p,γ) >>

C12 (p,n+3p) or Be9 production log-log



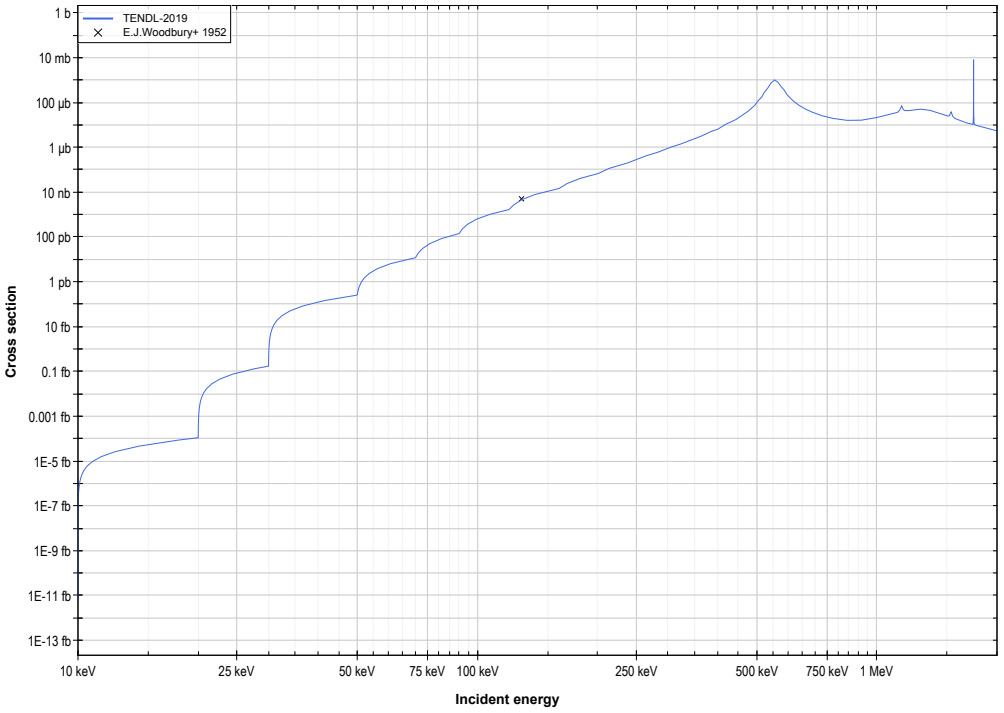
C12 (p,n+3p) or Be9 production lin-log



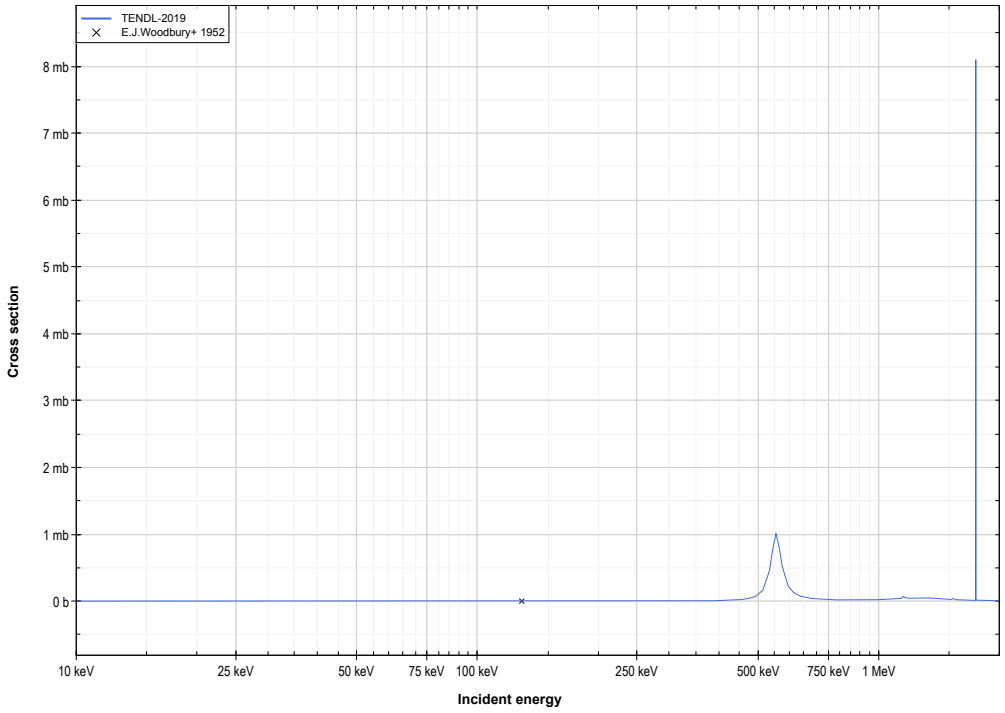
Reaction	Q-Value
C12(p,p+He3)Be9	-26279.67 keV
C12(p,2p+d)Be9	-31773.14 keV
C12(p,n+3p)Be9	-33997.71 keV

<< 5-B-11	**6-C-13**	7-N-15 >>
<< 6-C-12 MT198 (p,n+3p)	**MT102 (p,γ) or MT5 (N14 production)**	6-C-14 MT4 (p,n) >>

C13 (p,γ) or N14 production log-log



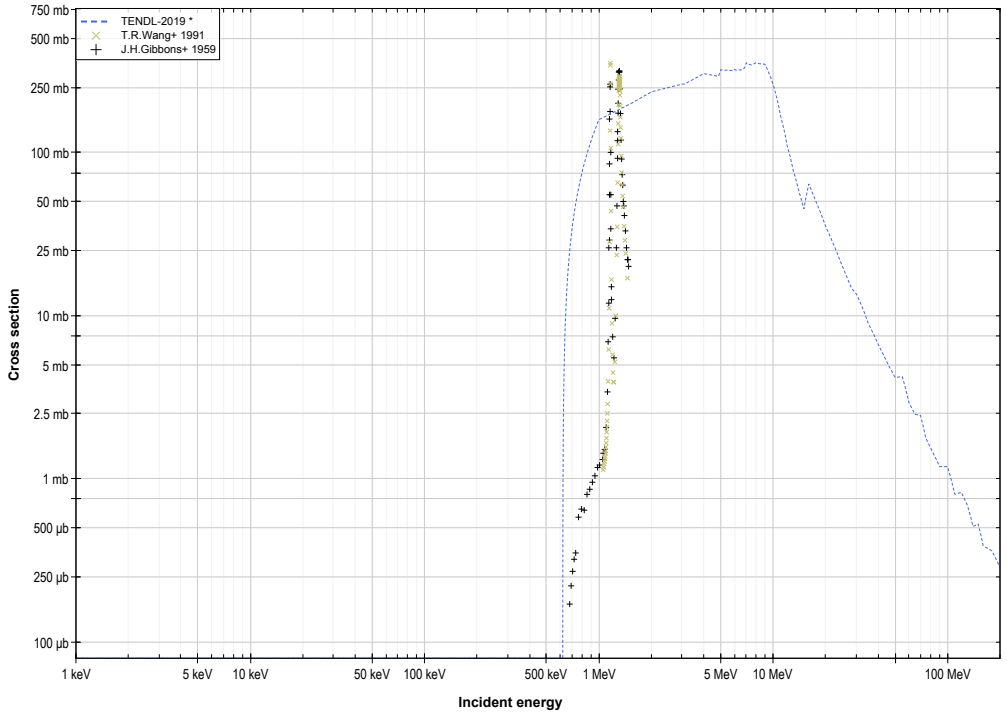
C13 (p,γ) or N14 production lin-log



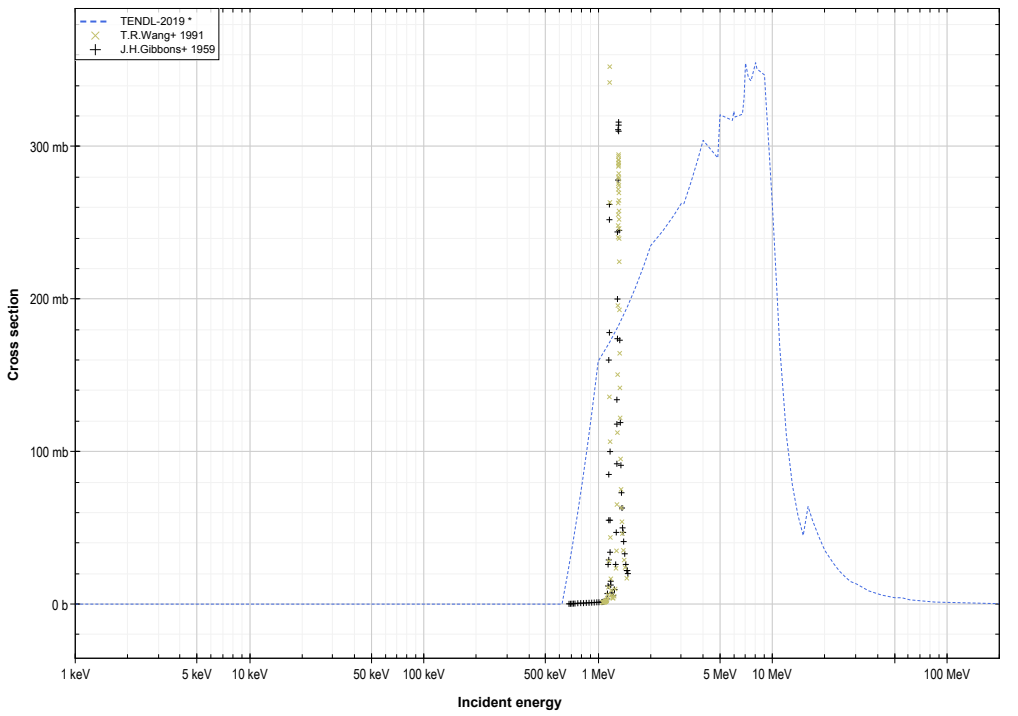
Reaction	Q-Value
C13(p,γ)N14	7550.56 keV

<< 5-B-11	**6-C-14**	7-N-14 >>
<< 6-C-13 MT102 (p,γ)	**MT4 (p,n) or MT5 (N14 production)**	7-N-14 MT4 (p,n) >>

C14 (p,n) or N14 production log-log



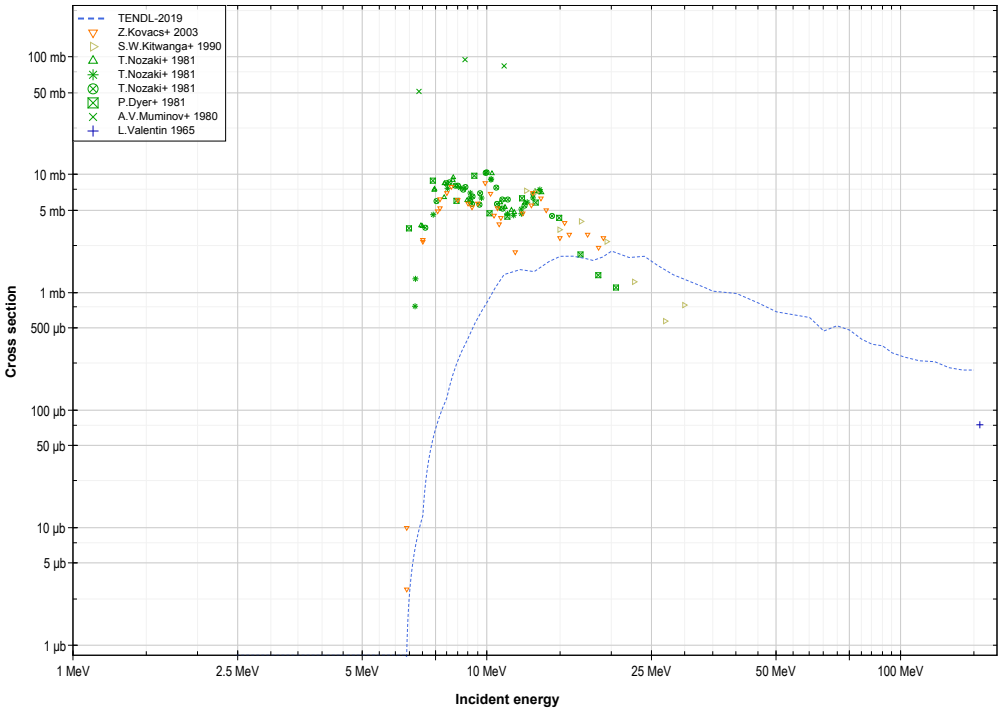
C14 (p,n) or N14 production lin-log



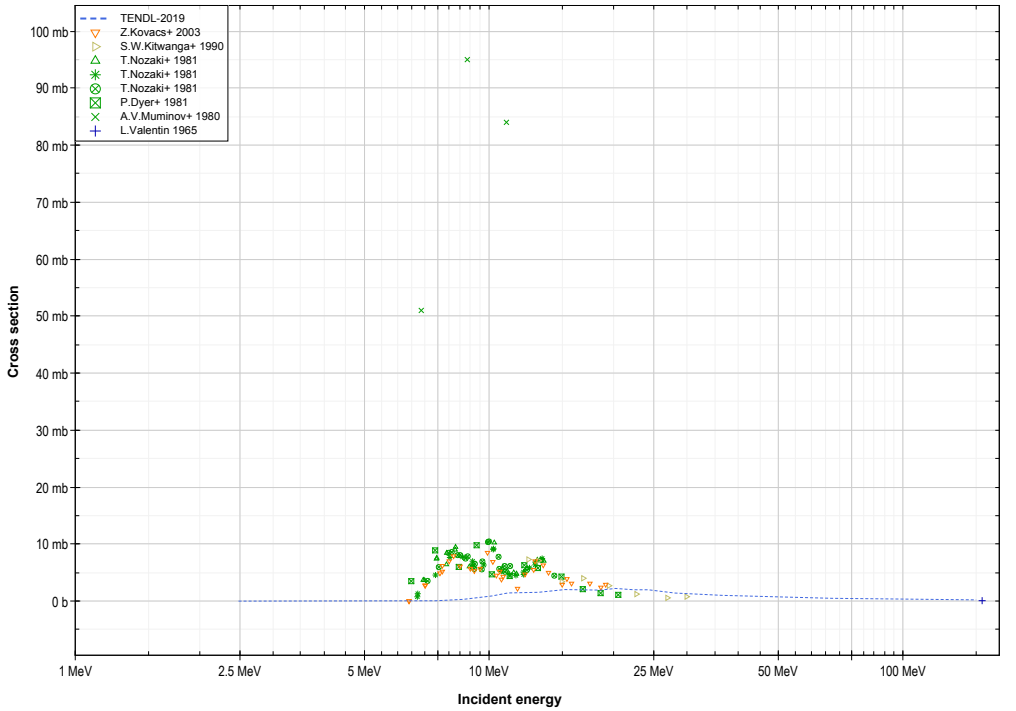
Reaction	Q-Value
C14(p,n)N14	-625.87 keV

<< 6-C-14	**7-N-14**	7-N-15 >>
<< 6-C-14 MT4 (p,n)	**MT4 (p,n) or MT5 (O14 production)**	MT22 (p,n+α) >>

N14 (p,n) or O14 production log-log



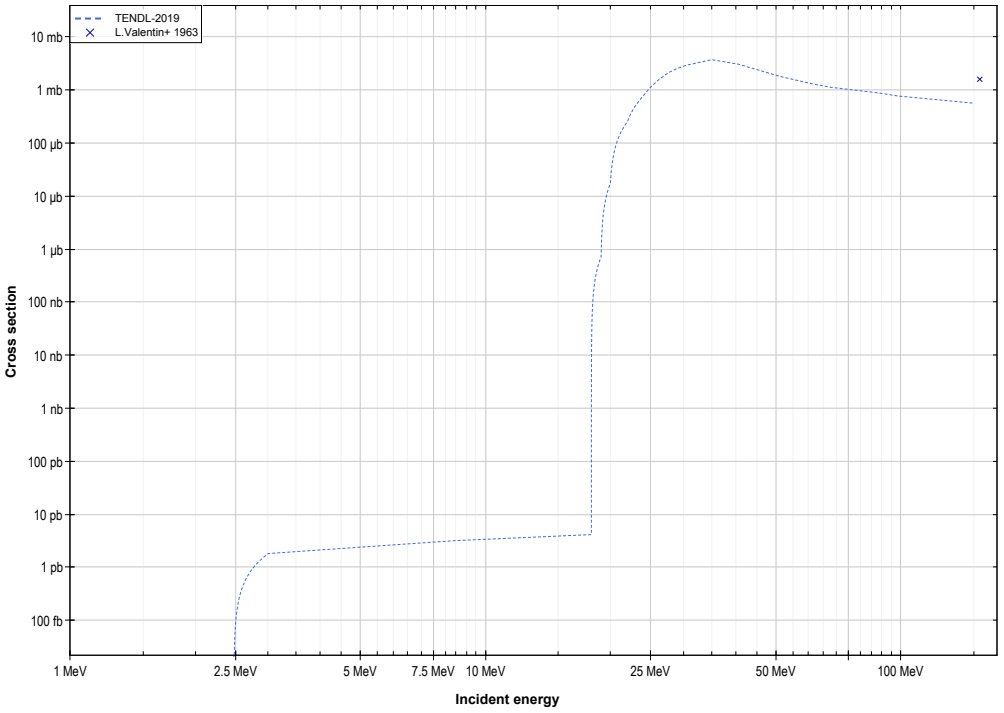
N14 (p,n) or O14 production lin-log



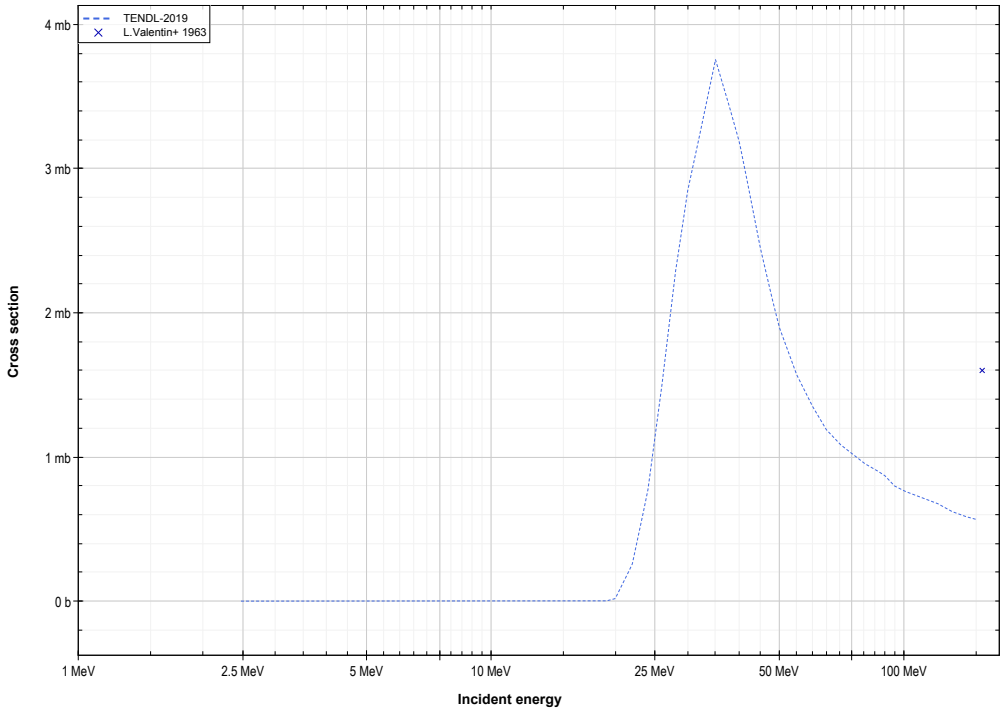
Reaction	Q-Value
N14(p,n)O14	-5926.71 keV

<< 5-B-11	**7-N-14**	7-N-15 >>
<< MT4 (p,n)	**MT22 (p,n+α) or MT5 (C10 production)**	MT28 (p,n+p) >>

N14 (p,n+α) or C10 production log-log



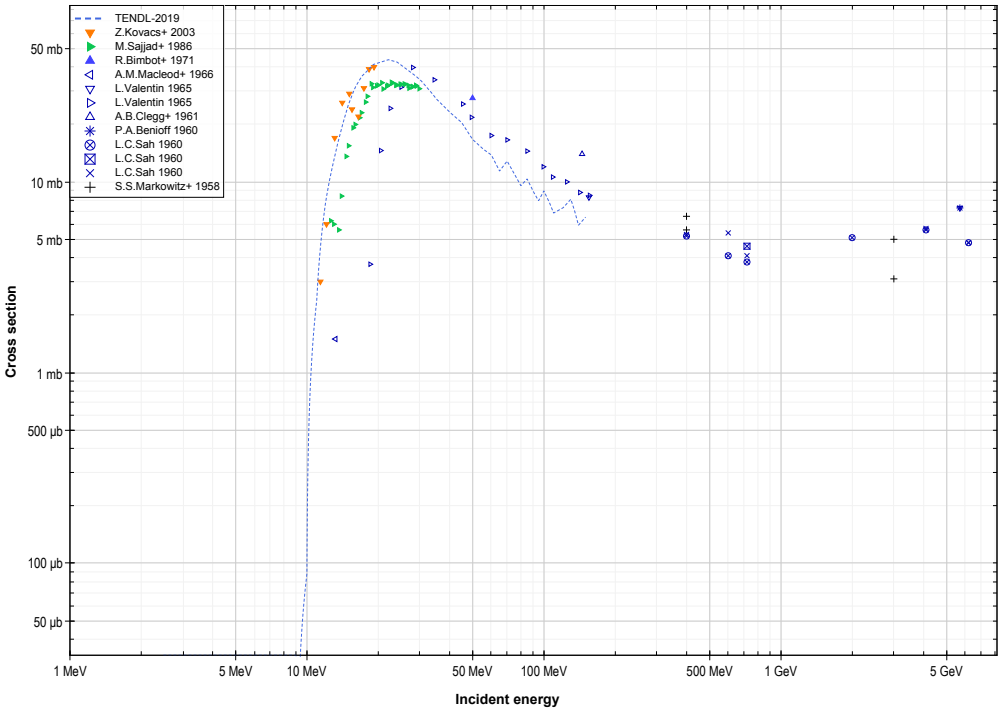
N14 (p,n+α) or C10 production lin-log



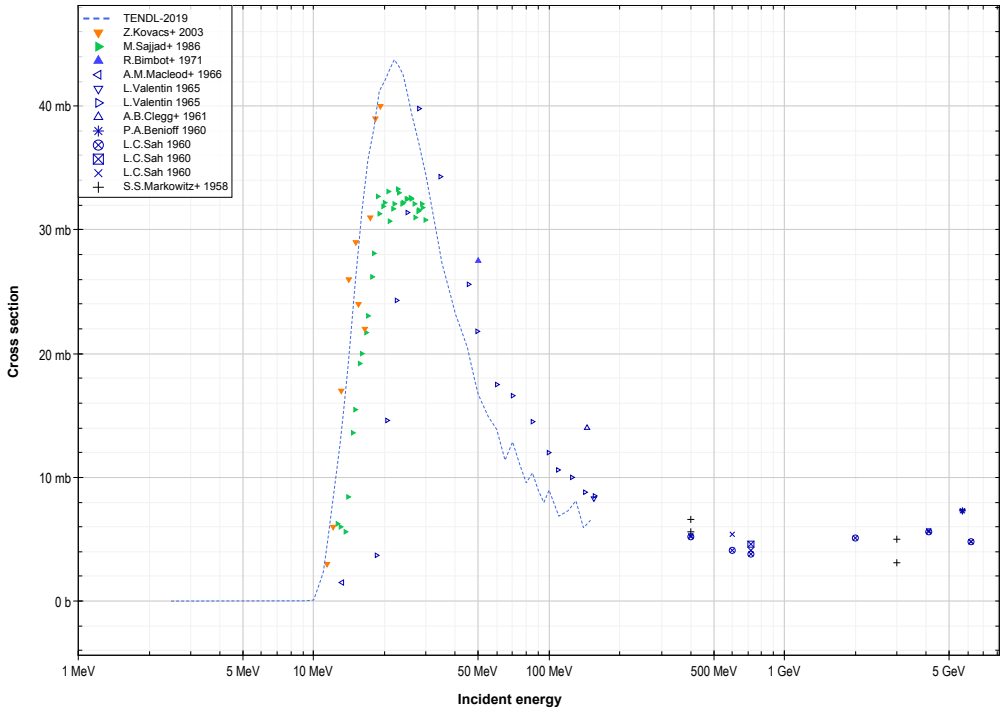
Reaction	Q-Value
N14(p,n+α)C10	-16042.52 keV
N14(p,d+t)C10	-33631.81 keV
N14(p,n+p+t)C10	-35856.38 keV
N14(p,2n+He3)C10	-36620.13 keV
N14(p,n+2d)C10	-39889.04 keV
N14(p,2n+p+d)C10	-42113.61 keV
N14(p,3n+2p)C10	-44338.18 keV

<< 6-C-12	**7-N-14**	8-O-16 >>
<< MT22 (p,n+α)	**MT28 (p,n+p) or MT5 (N13 production)**	MT34 (p,n+³He) >>

N14 (p,n+p) or N13 production log-log



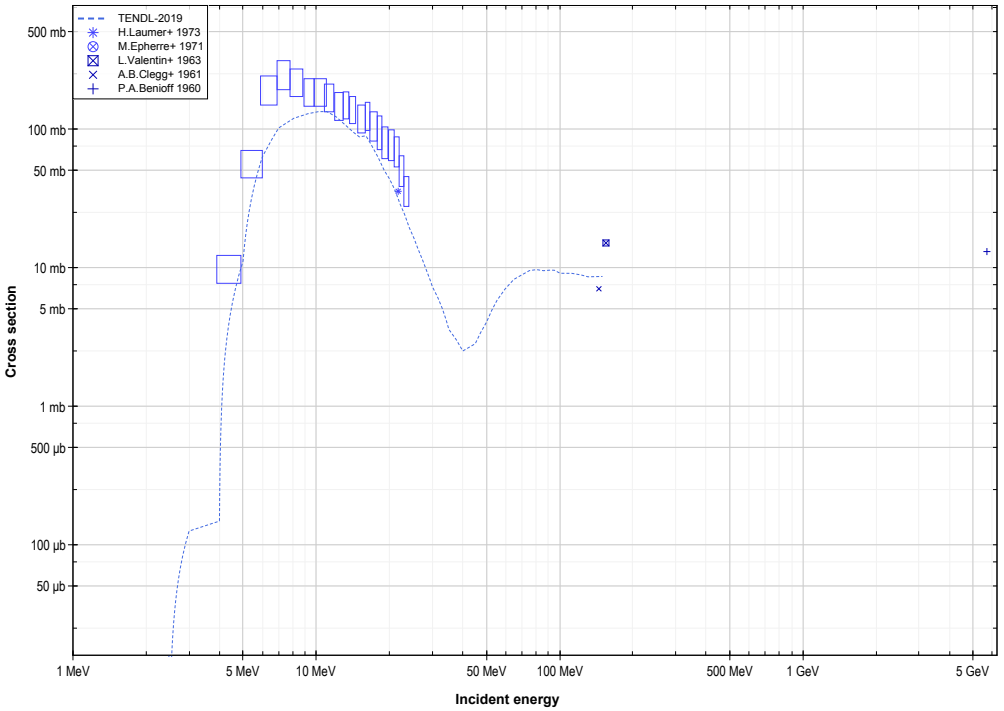
N14 (p,n+p) or N13 production lin-log



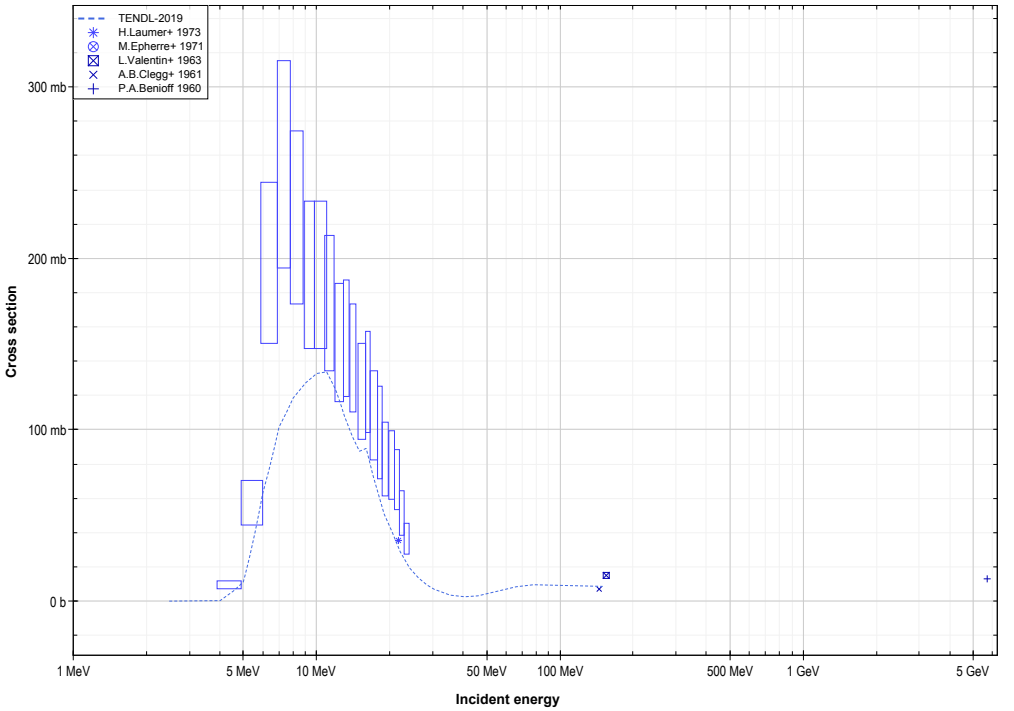
Reaction	Q-Value
N14(p,d)N13	-8328.81 keV
N14(p,n+p)N13	-10553.38 keV

<< 5-B-10	**7-N-14**	8-O-16 >>
<< MT28 (p,n+p)	**MT34 (p,n+^{3}He) or MT5 (C11 production)**	MT104 (p,d) >>

N14 (p,n+^{3}He) or C11 production log-log



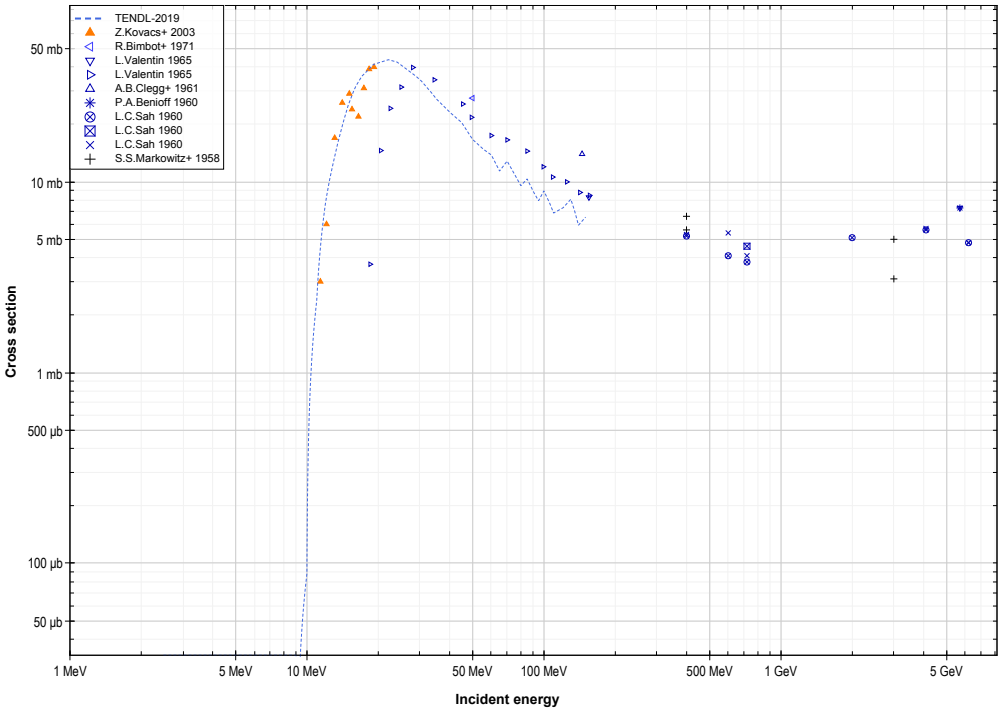
N14 (p,n+^{3}He) or C11 production lin-log



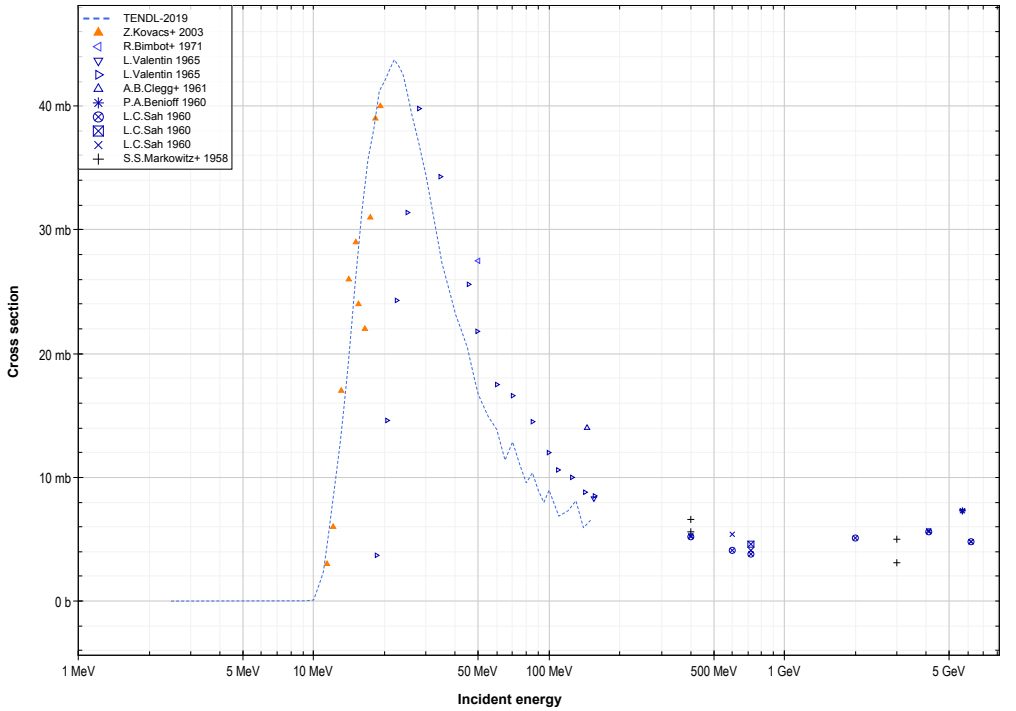
Reaction	Q-Value
N14(p,α)C11	-2921.93 keV
N14(p,p+t)C11	-22735.79 keV
N14(p,n+He3)C11	-23499.55 keV
N14(p,2d)C11	-26768.46 keV
N14(p,n+p+d)C11	-28993.02 keV
N14(p,2n+2p)C11	-31217.59 keV

<< 6-C-12	**7-N-14**	8-O-16 >>
<< MT34 (p,n+^{3}He)	**MT104 (p,d) or MT5 (N13 production)**	MT107 (p,α) >>

N14 (p,d) or N13 production log-log



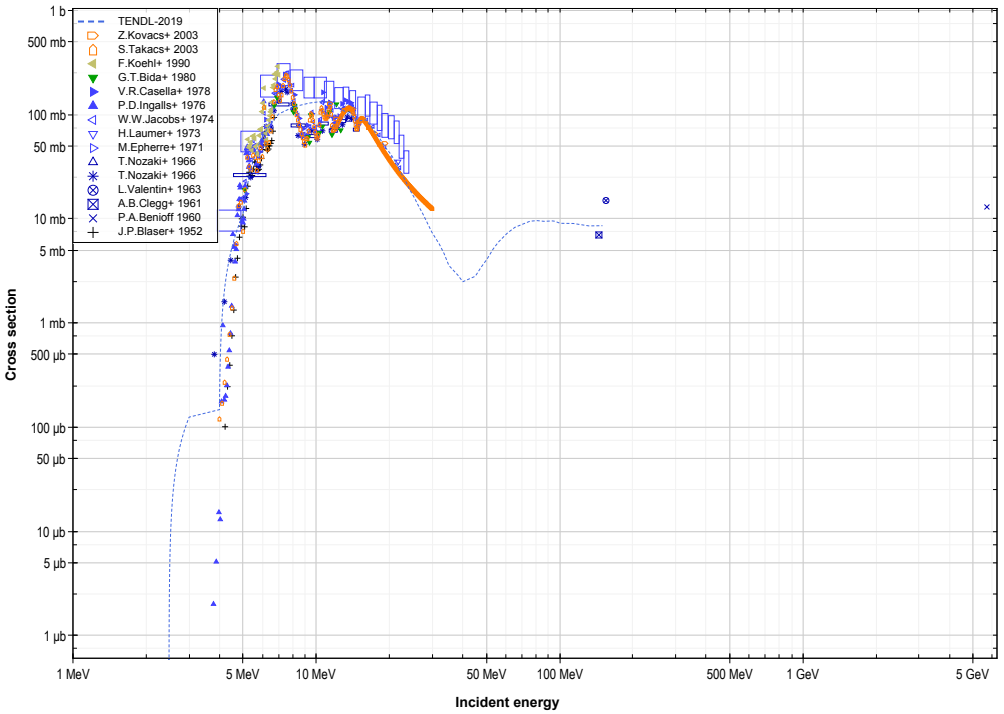
N14 (p,d) or N13 production lin-log



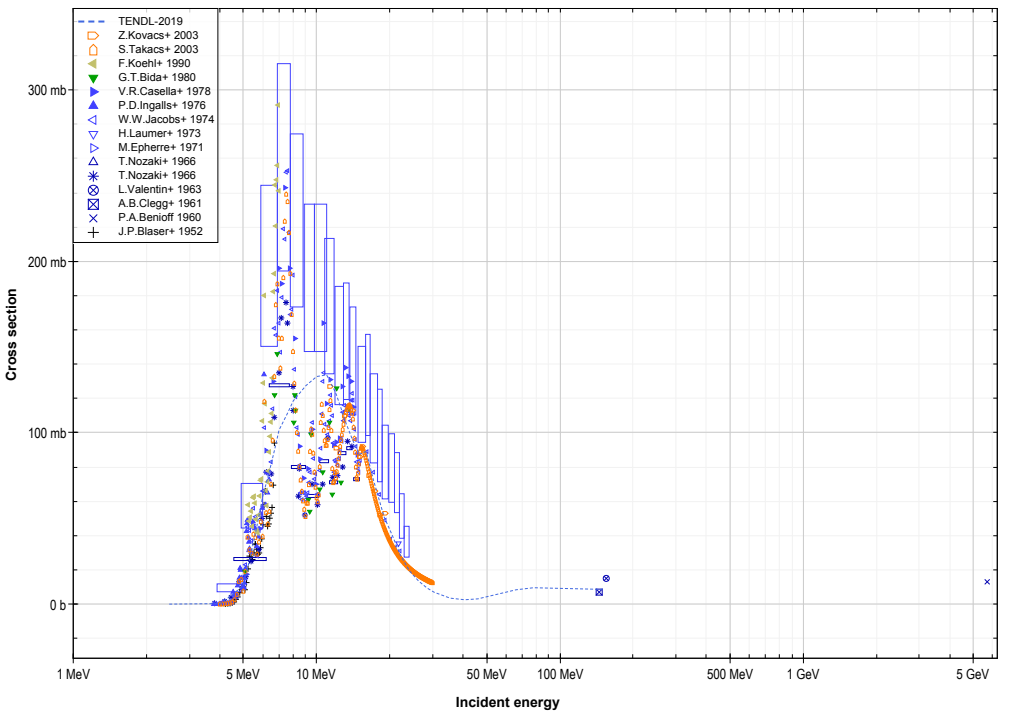
Reaction	Q-Value
N14(p,d)N13	-8328.81 keV
N14(p,n+p)N13	-10553.38 keV

<< 6-C-12	**7-N-14**	7-N-15 >>
<< MT104 (p,d)	**MT107 (p,α) or MT5 (C11 production)**	MT108 (p,2α) >>

N14 (p,α) or C11 production log-log



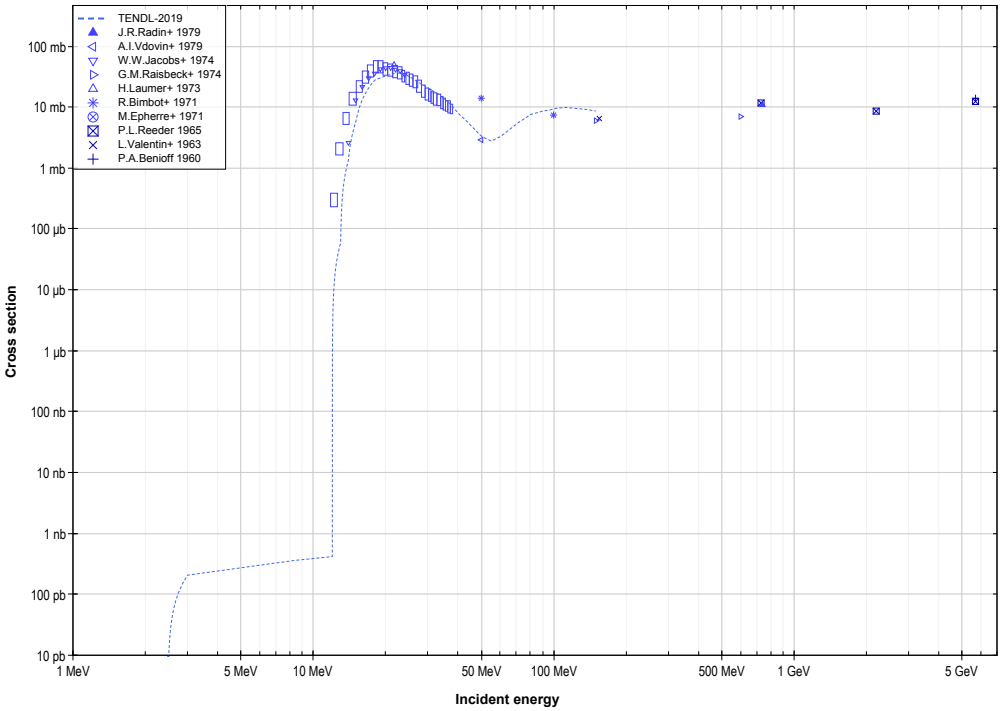
N14 (p,α) or C11 production lin-log



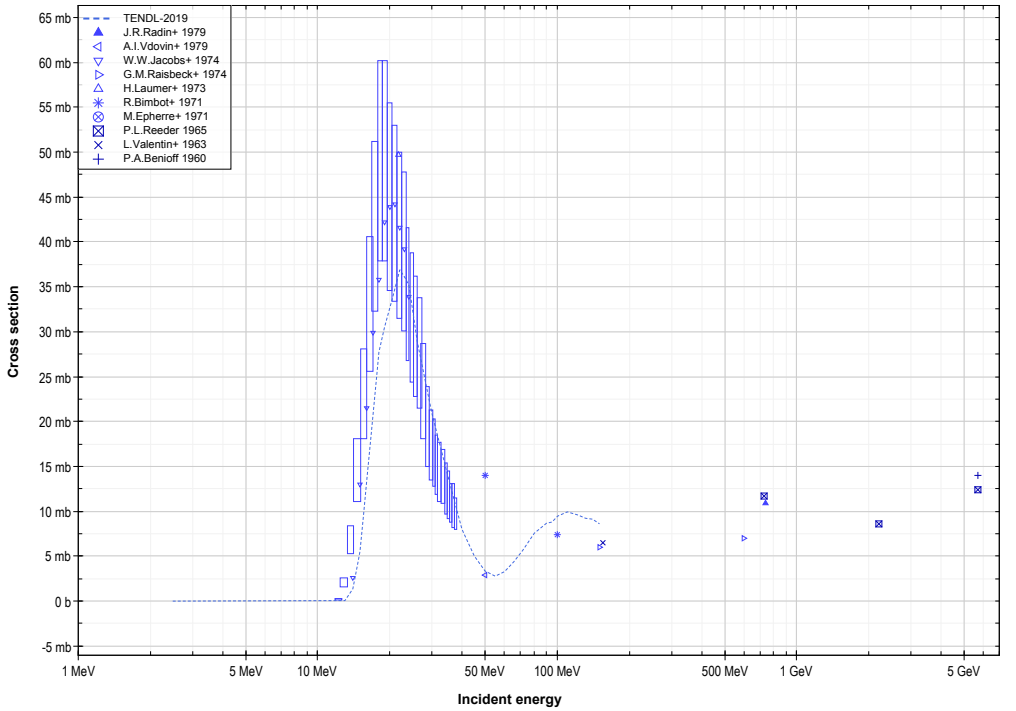
Reaction	Q-Value
N14(p,α)C11	-2921.93 keV
N14(p,p+t)C11	-22735.79 keV
N14(p,n+He3)C11	-23499.55 keV
N14(p,2d)C11	-26768.46 keV
N14(p,n+p+d)C11	-28993.02 keV
N14(p,2n+2p)C11	-31217.59 keV

<< 5-B-11	**7-N-14**	12-Mg-25 >>
<< MT107 (p,α)	**MT108 (p,2α) or MT5 (Be7 production)**	MT111 (p,2p) >>

N14 (p,2α) or Be7 production log-log



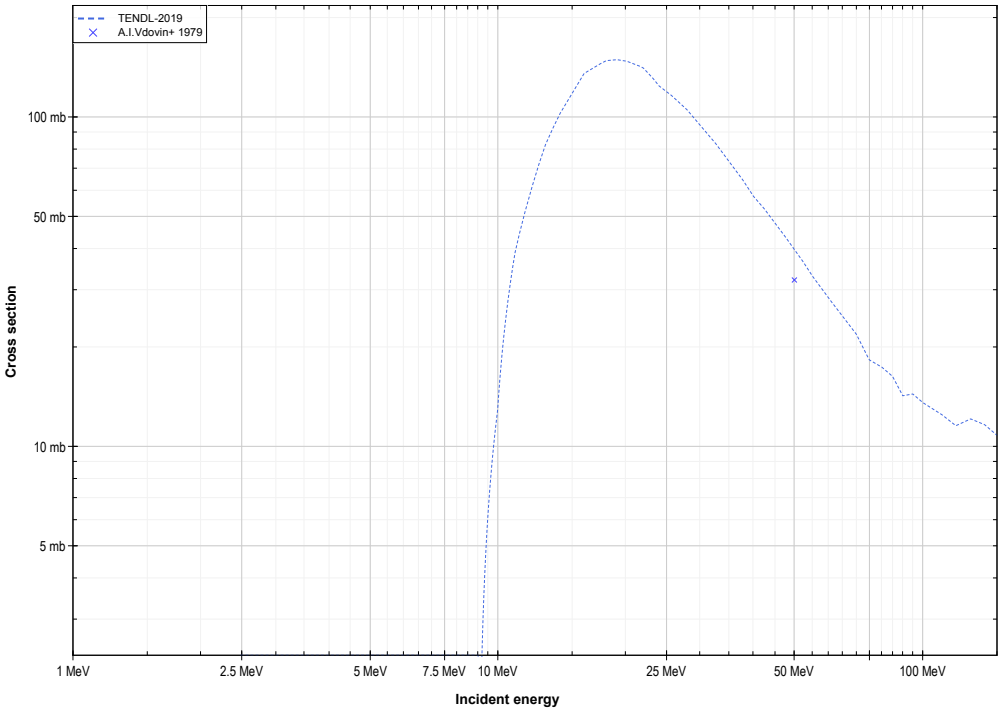
N14 (p,2α) or Be7 production lin-log



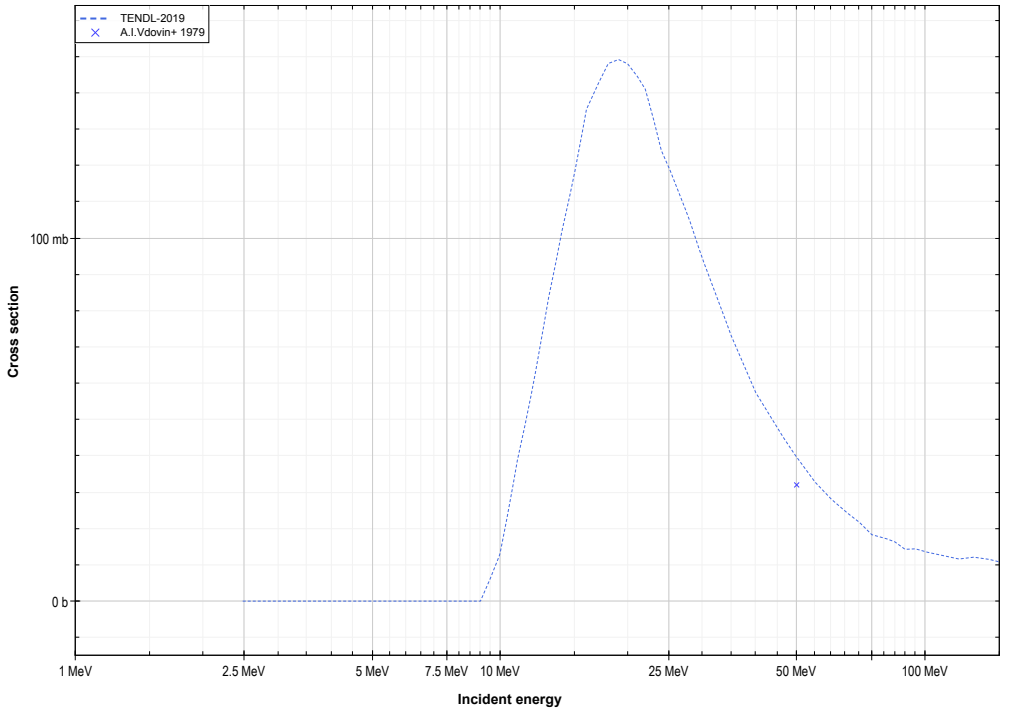
Reaction	Q-Value	Reaction	Q-Value
N14(p,2α)Be7	-10466.44 keV	N14(p,n+p+t+He3)Be7	-50857.93 keV
N14(p,p+t+α)Be7	-30280.31 keV	N14(p,2n+2He3)Be7	-51621.68 keV
N14(p,n+He3+α)Be7	-31044.06 keV	N14(p,p+2d+t)Be7	-54126.84 keV
N14(p,2d+α)Be7	-34312.97 keV	N14(p,n+2d+He3)Be7	-54890.59 keV
N14(p,n+p+d+α)Be7	-36537.54 keV	N14(p,n+2p+d+t)Be7	-56351.40 keV
N14(p,2n+2p+α)Be7	-38762.10 keV	N14(p,2n+p+d+He3)Be7	-57115.16 keV
N14(p,d+t+He3)Be7	-48633.36 keV	N14(p,4d)Be7	-58159.50 keV
N14(p,2p+2t)Be7	-50094.17 keV	N14(p,2n+3p+t)Be7	-58575.97 keV

<< 6-C-12	**7-N-14**	8-O-16 >>
<< MT108 (p,2α)	**MT111 (p,2p) or MT5 (C13 production)**	MT112 (p,p+α) >>

N14 (p,2p) or C13 production log-log



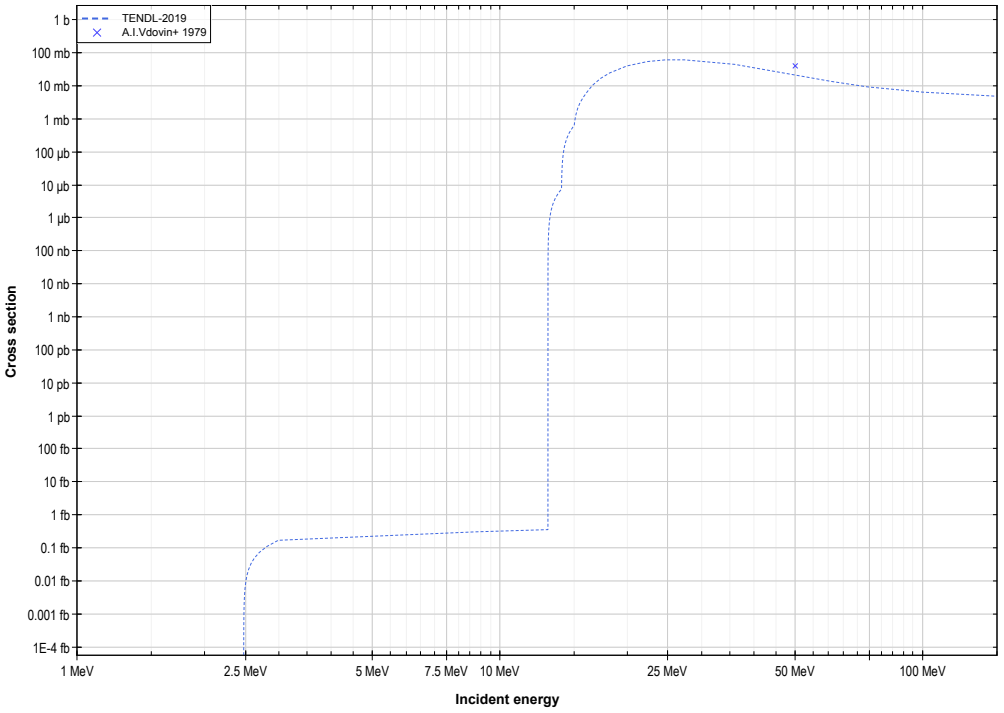
N14 (p,2p) or C13 production lin-log



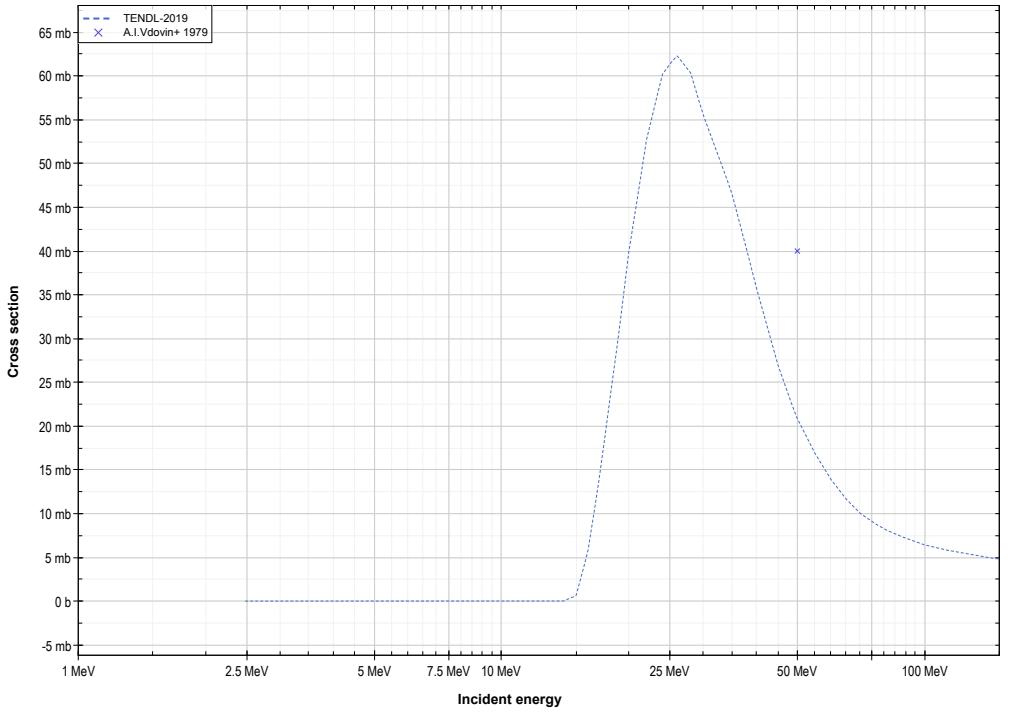
Reaction	Q-Value
N14(p,2p)C13	-7550.56 keV

	7-N-14	8-O-16 >>
<< MT111 (p,2p)	**MT112 (p,p+α) or MT5 (B10 production)**	MT115 (p,p+d) >>

N14 (p,p+α) or B10 production log-log



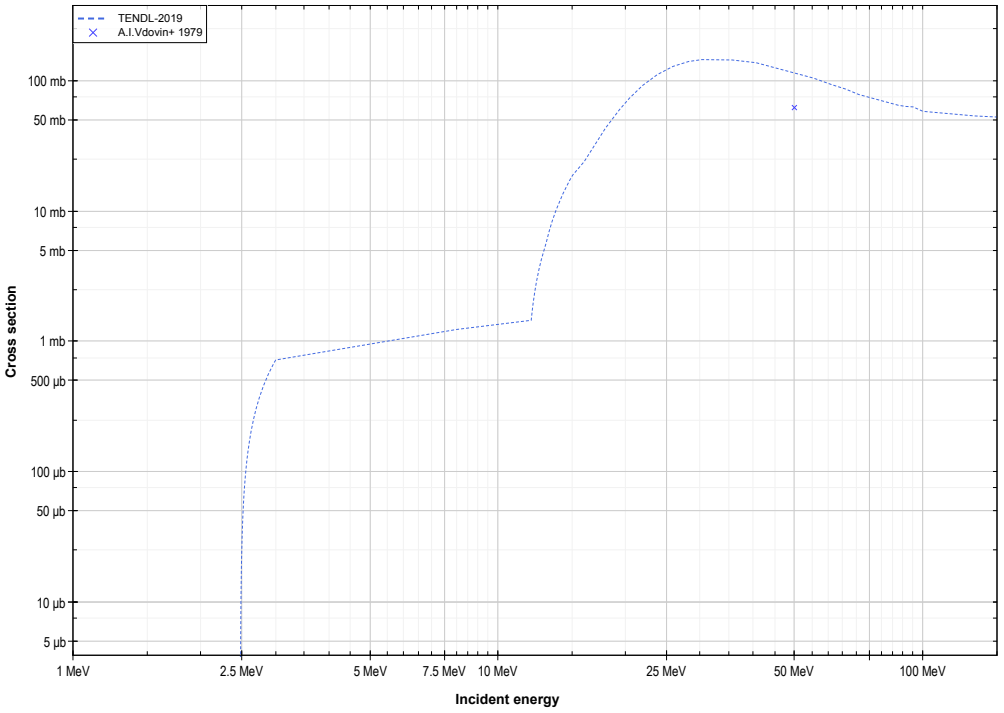
N14 (p,p+α) or B10 production lin-log



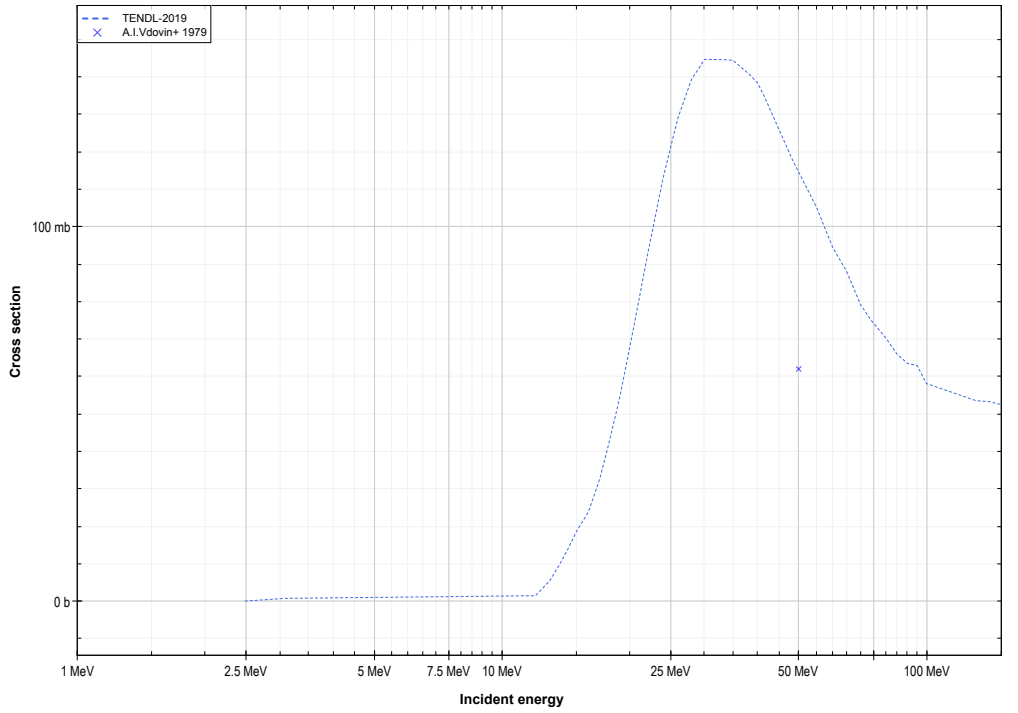
Reaction	Q-Value
N14(p,p+α)B10	-11612.11 keV
N14(p,d+He3)B10	-29965.16 keV
N14(p,2p+t)B10	-31425.97 keV
N14(p,n+p+He3)B10	-32189.73 keV
N14(p,p+2d)B10	-35458.64 keV
N14(p,n+2p+d)B10	-37683.20 keV
N14(p,2n+3p)B10	-39907.77 keV

<< 6-C-12	**7-N-14**	8-O-16 >>
<< MT112 (p,p+α)	**MT115 (p,p+d) or MT5 (C12 production)**	MT116 (p,p+t) >>

N14 (p,p+d) or C12 production log-log



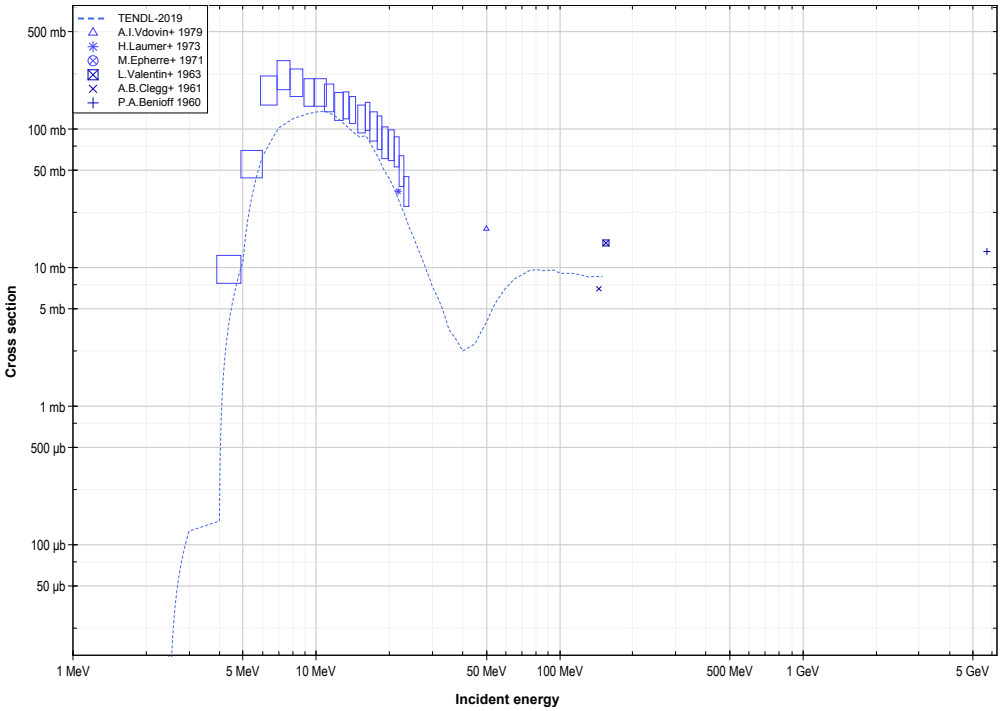
N14 (p,p+d) or C12 production lin-log



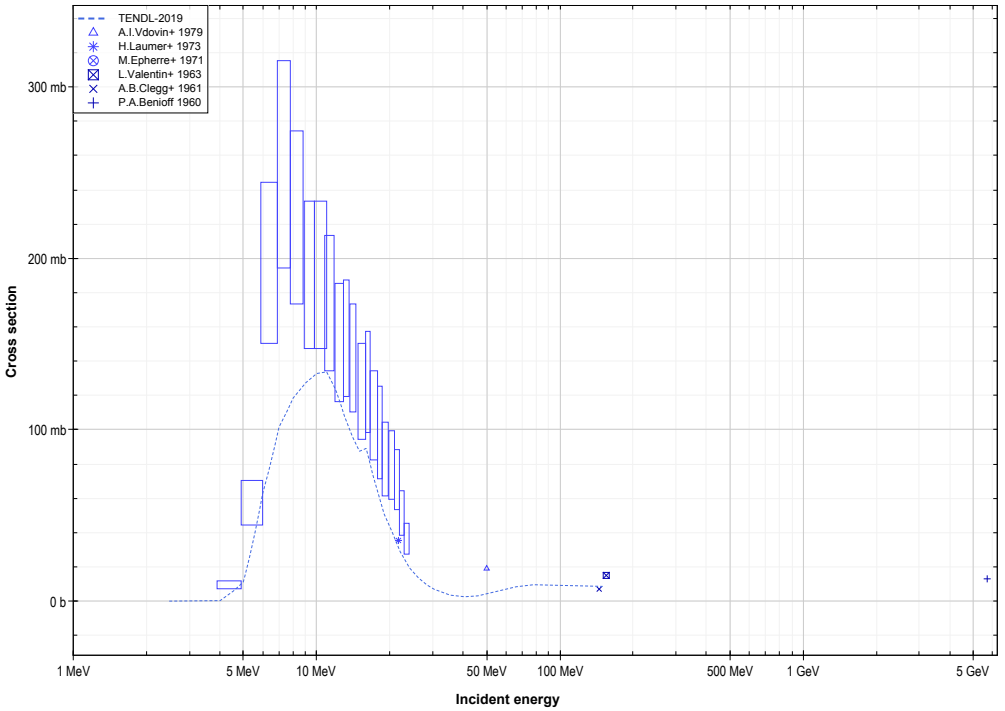
Reaction	Q-Value
N14(p,He3)C12	-4778.83 keV
N14(p,p+d)C12	-10272.31 keV
N14(p,n+2p)C12	-12496.87 keV

<< 5-B-10	**7-N-14**	8-O-16 >>
<< MT115 (p,p+d)	**MT116 (p,p+t) or MT5 (C11 production)**	MT176 (p,2n+^{3}He) >>

N14 (p,p+t) or C11 production log-log



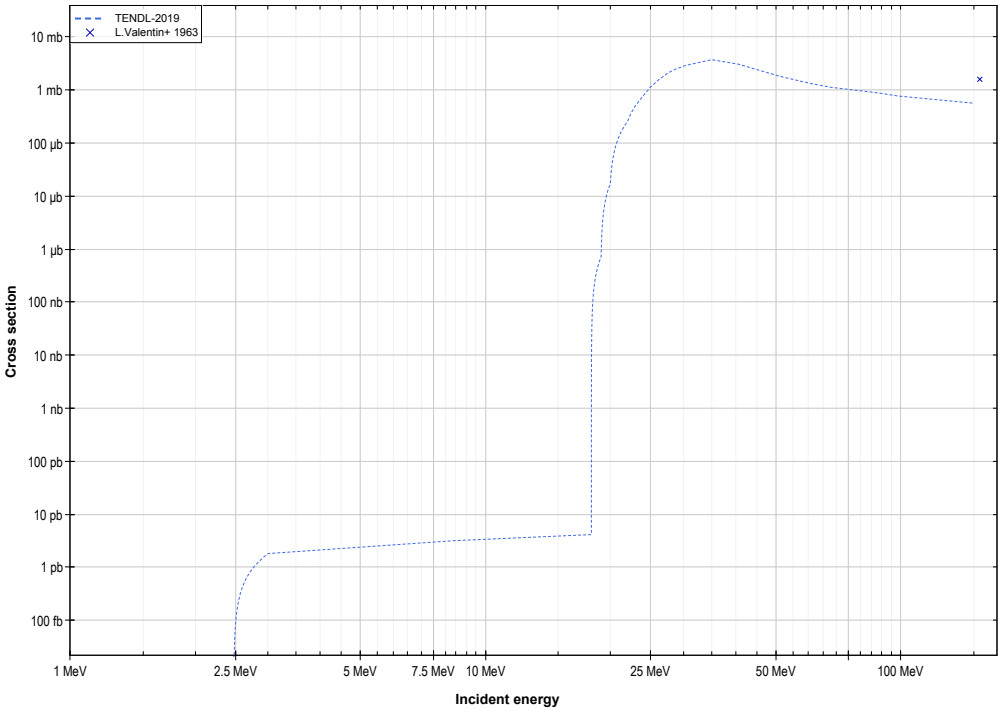
N14 (p,p+t) or C11 production lin-log



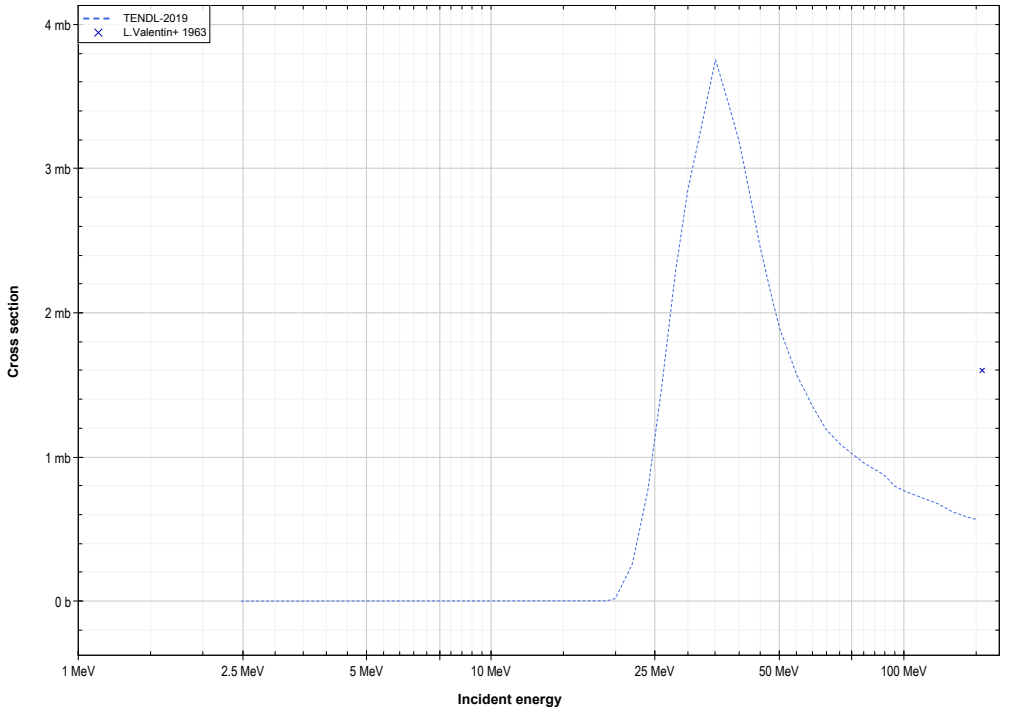
Reaction	Q-Value
N14(p,α)C11	-2921.93 keV
N14(p,p+t)C11	-22735.79 keV
N14(p,n+He3)C11	-23499.55 keV
N14(p,2d)C11	-26768.46 keV
N14(p,n+p+d)C11	-28993.02 keV
N14(p,2n+2p)C11	-31217.59 keV

<< 5-B-11	**7-N-14**	9-F-19 >>
<< MT116 (p,p+t)	**MT176 (p,2n+^{3}He) or MT5 (C10 production)**	MT179 (p,3n+2p) >>

N14 (p,2n+^{3}He) or C10 production log-log



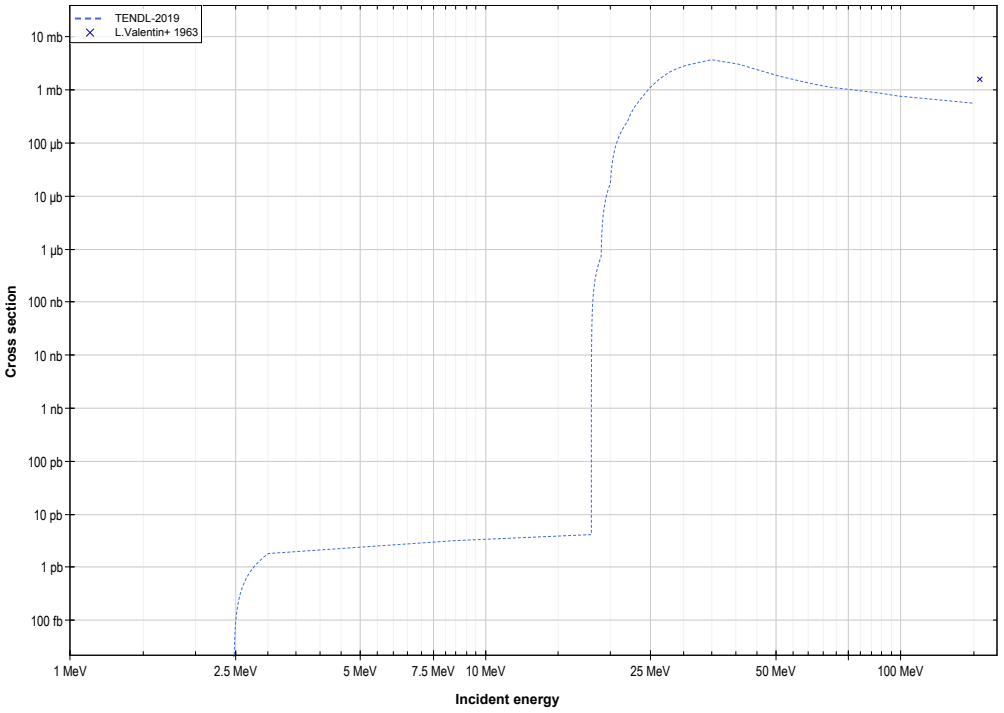
N14 (p,2n+^{3}He) or C10 production lin-log



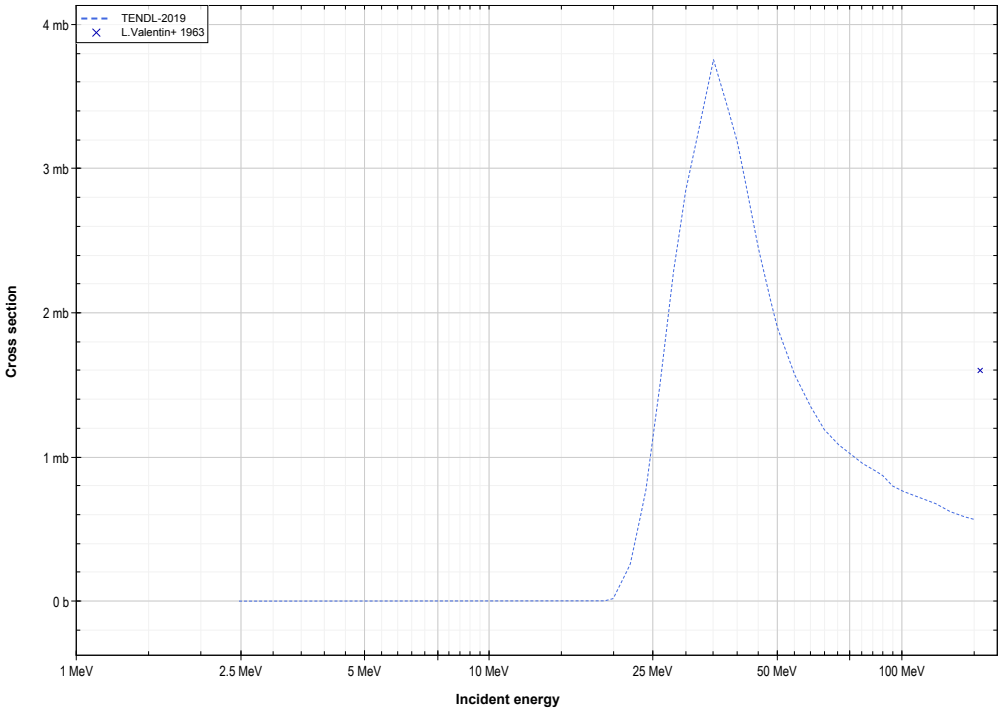
Reaction	Q-Value
N14(p,n+α)C10	-16042.52 keV
N14(p,d+t)C10	-33631.81 keV
N14(p,n+p+t)C10	-35856.38 keV
N14(p,2n+He3)C10	-36620.13 keV
N14(p,n+2d)C10	-39889.04 keV
N14(p,2n+p+d)C10	-42113.61 keV
N14(p,3n+2p)C10	-44338.18 keV

<< 5-B-11	**7-N-14**	9-F-19 >>
<< MT176 (p,2n+³He)	**MT179 (p,3n+2p) or MT5 (C10 production)**	MT182 (p,d+t) >>

N14 (p,3n+2p) or C10 production log-log



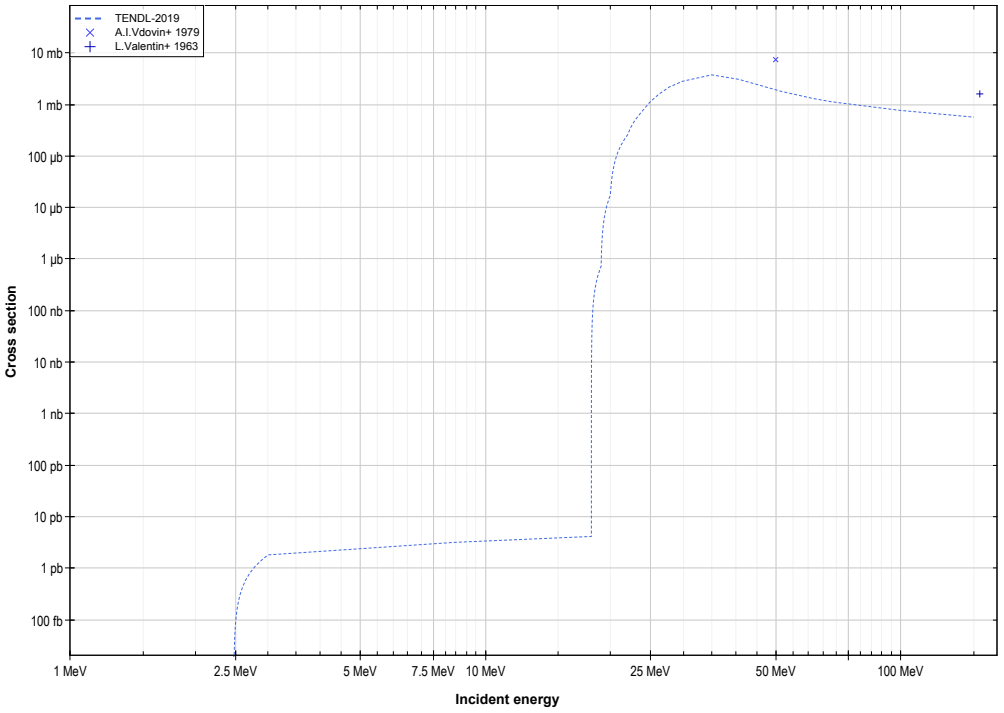
N14 (p,3n+2p) or C10 production lin-log



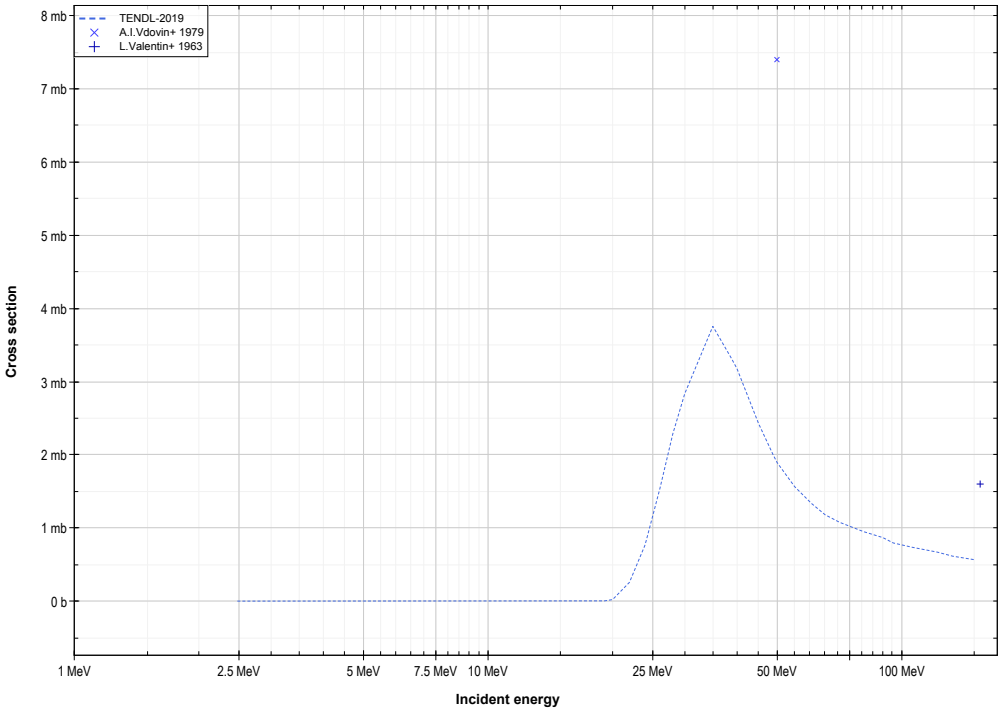
Reaction	Q-Value
N14(p,n+α)C10	-16042.52 keV
N14(p,d+t)C10	-33631.81 keV
N14(p,n+p+t)C10	-35856.38 keV
N14(p,2n+He3)C10	-36620.13 keV
N14(p,n+2d)C10	-39889.04 keV
N14(p,2n+p+d)C10	-42113.61 keV
N14(p,3n+2p)C10	-44338.18 keV

<< 5-B-11	**7-N-14**	9-F-19 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (C10 production)**	MT183 (p,n+p+d) >>

N14 (p,d+t) or C10 production log-log



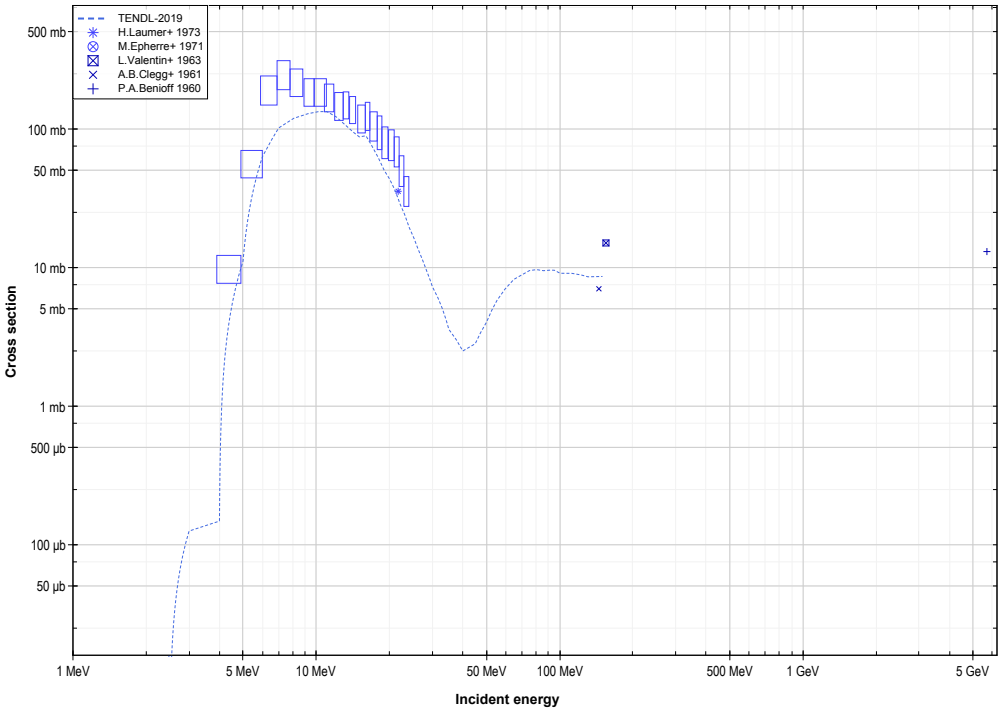
N14 (p,d+t) or C10 production lin-log



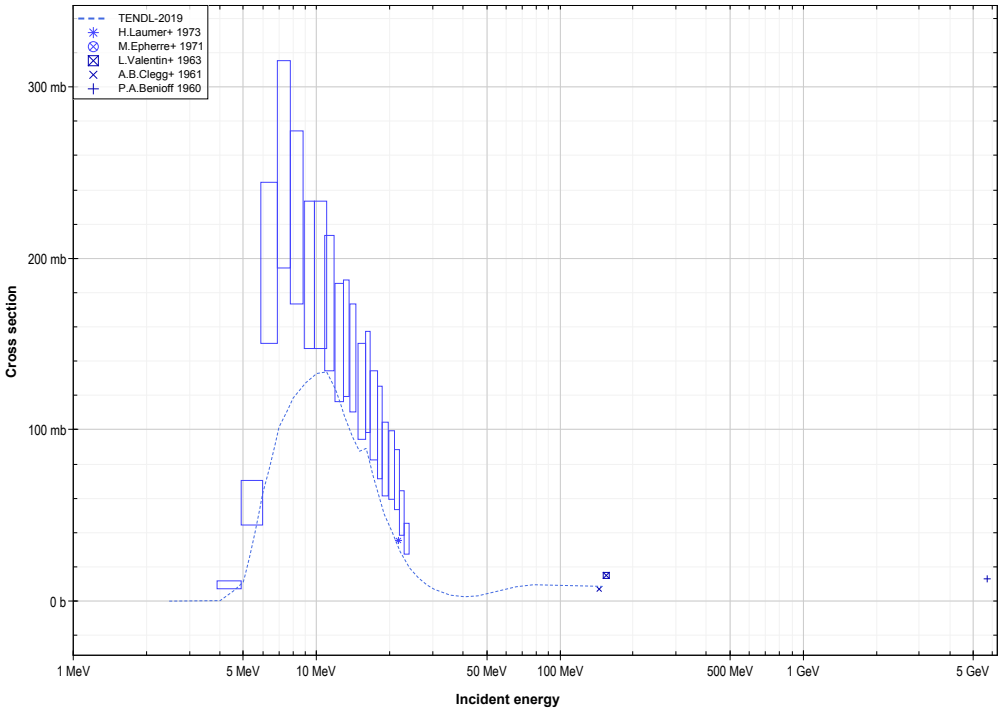
Reaction	Q-Value
N14(p,n+α)C10	-16042.52 keV
N14(p,d+t)C10	-33631.81 keV
N14(p,n+p+t)C10	-35856.38 keV
N14(p,2n+He3)C10	-36620.13 keV
N14(p,n+2d)C10	-39889.04 keV
N14(p,2n+p+d)C10	-42113.61 keV
N14(p,3n+2p)C10	-44338.18 keV

<< 5-B-10	**7-N-14**	8-O-16 >>
<< MT182 (p,d+t)	**MT183 (p,n+p+d) or MT5 (C11 production)**	MT184 (p,n+p+t) >>

N14 (p,n+p+d) or C11 production log-log



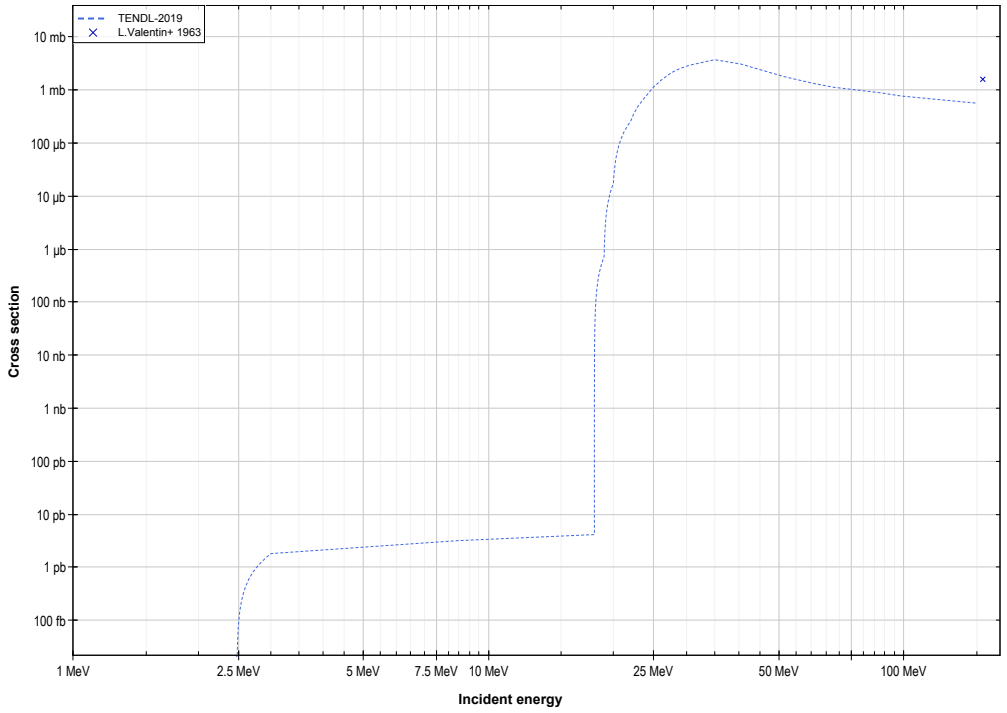
N14 (p,n+p+d) or C11 production lin-log



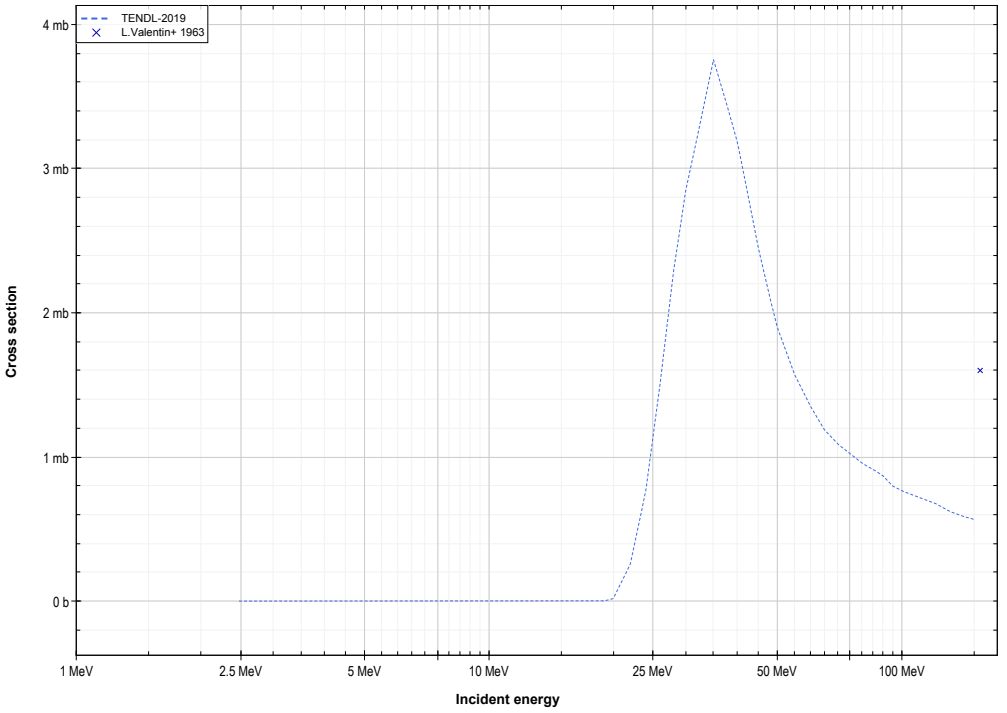
Reaction	Q-Value
N14(p,α)C11	-2921.93 keV
N14(p,p+t)C11	-22735.79 keV
N14(p,n+He3)C11	-23499.55 keV
N14(p,2d)C11	-26768.46 keV
N14(p,n+p+d)C11	-28993.02 keV
N14(p,2n+2p)C11	-31217.59 keV

<< 5-B-11	**7-N-14**	9-F-19 >>
<< MT183 (p,n+p+d)	**MT184 (p,n+p+t) or MT5 (C10 production)**	MT190 (p,2n+2p) >>

N14 (p,n+p+t) or C10 production log-log



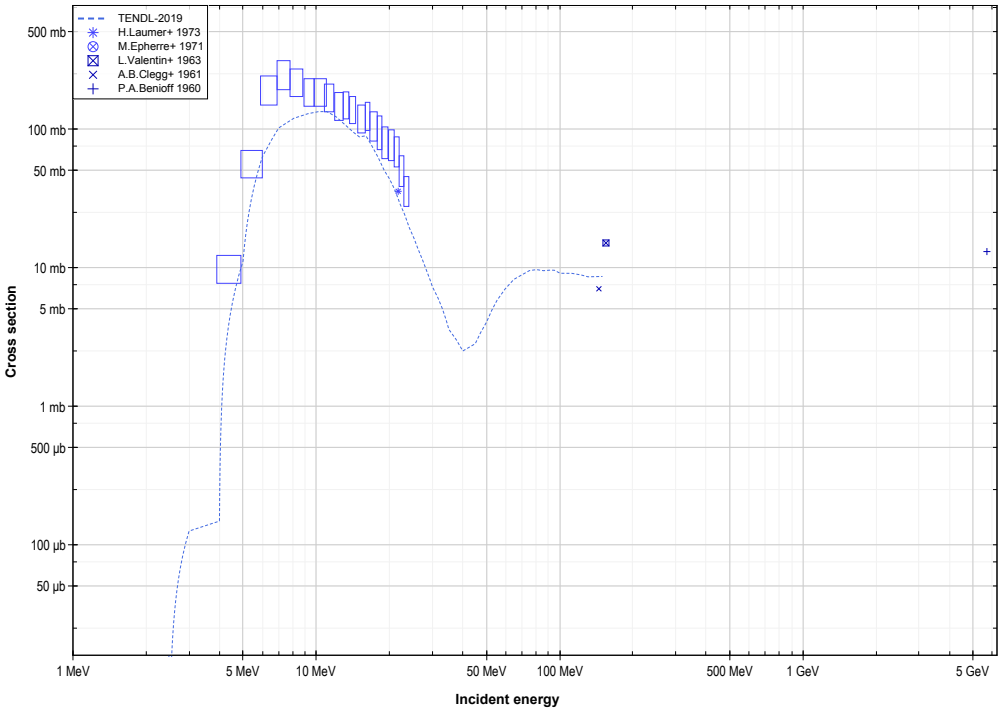
N14 (p,n+p+t) or C10 production lin-log



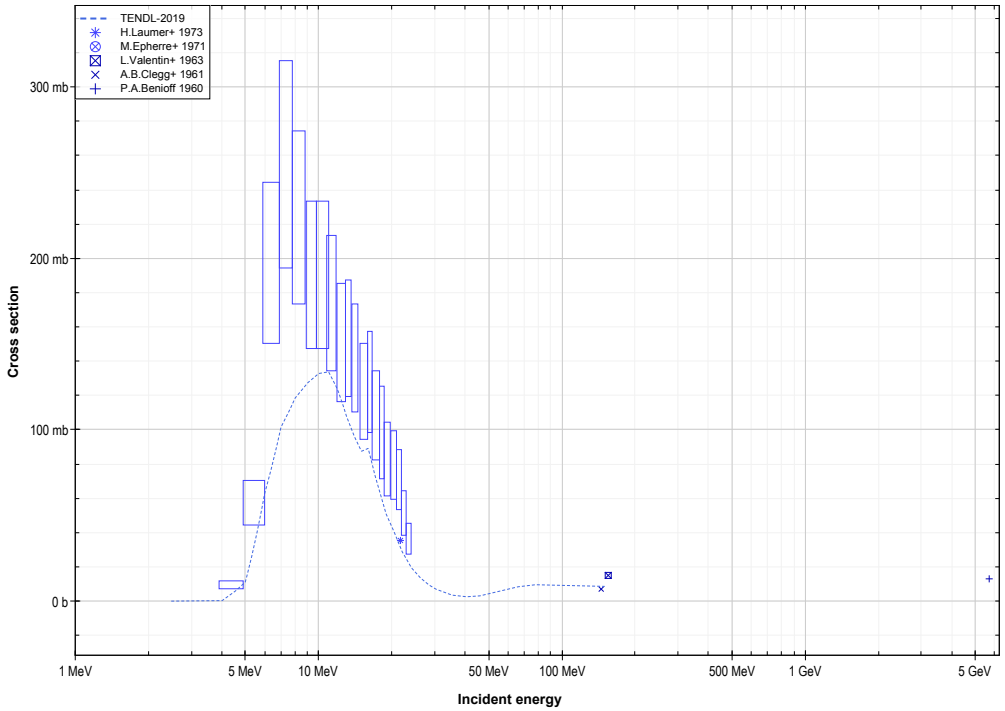
Reaction	Q-Value
N14(p,n+α)C10	-16042.52 keV
N14(p,d+t)C10	-33631.81 keV
N14(p,n+p+t)C10	-35856.38 keV
N14(p,2n+He3)C10	-36620.13 keV
N14(p,n+2d)C10	-39889.04 keV
N14(p,2n+p+d)C10	-42113.61 keV
N14(p,3n+2p)C10	-44338.18 keV

<< 5-B-10	**7-N-14**	8-O-16 >>
<< MT184 (p,n+p+t)	**MT190 (p,2n+2p) or MT5 (C11 production)**	MT191 (p,p+³He) >>

N14 (p,2n+2p) or C11 production log-log



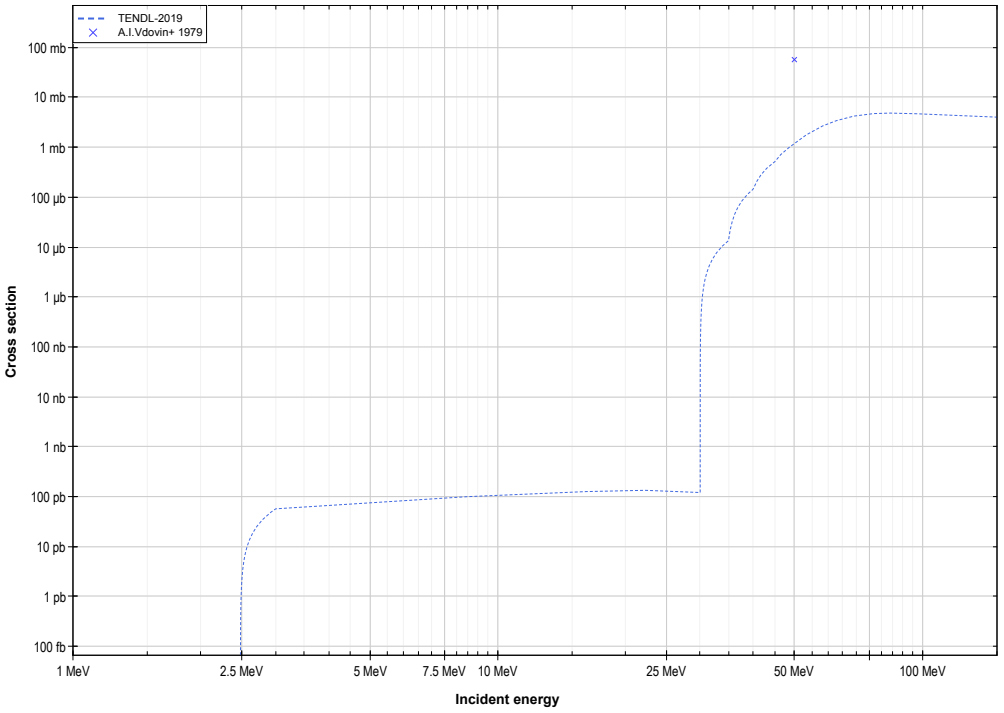
N14 (p,2n+2p) or C11 production lin-log



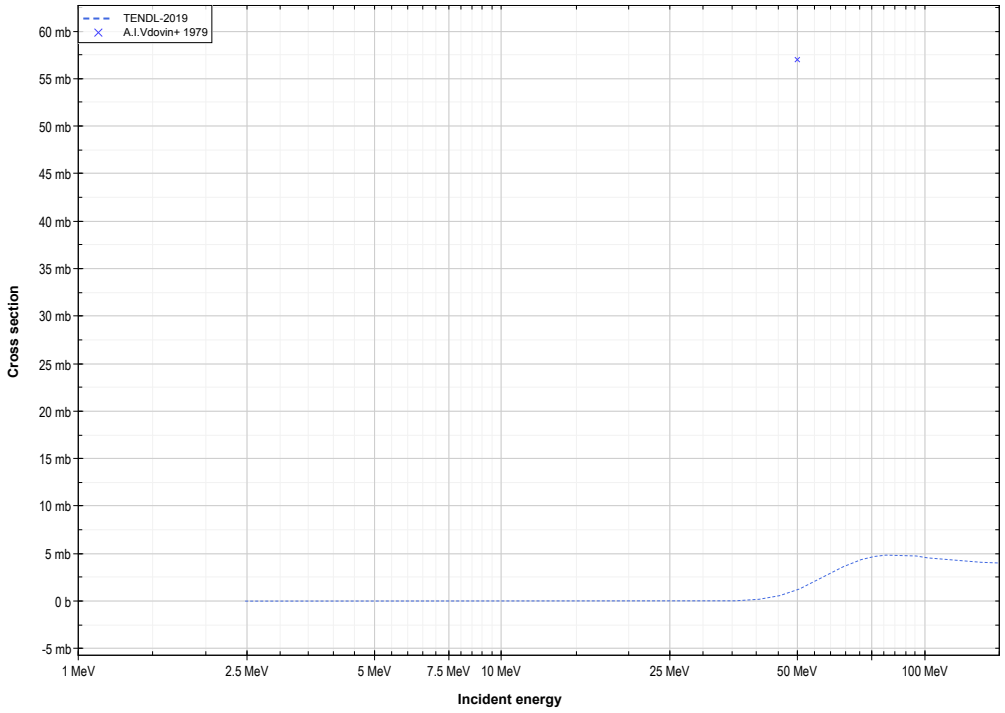
Reaction	Q-Value
N14(p,α)C11	-2921.93 keV
N14(p,p+t)C11	-22735.79 keV
N14(p,n+He3)C11	-23499.55 keV
N14(p,2d)C11	-26768.46 keV
N14(p,n+p+d)C11	-28993.02 keV
N14(p,2n+2p)C11	-31217.59 keV

<< 6-C-12	**7-N-14**	8-O-16 >>
<< MT190 (p,2n+2p)	**MT191 (p,p+^{3}He) or MT5 (B11 production)**	MT192 (p,d+^{3}He) >>

N14 (p,p+^{3}He) or B11 production log-log



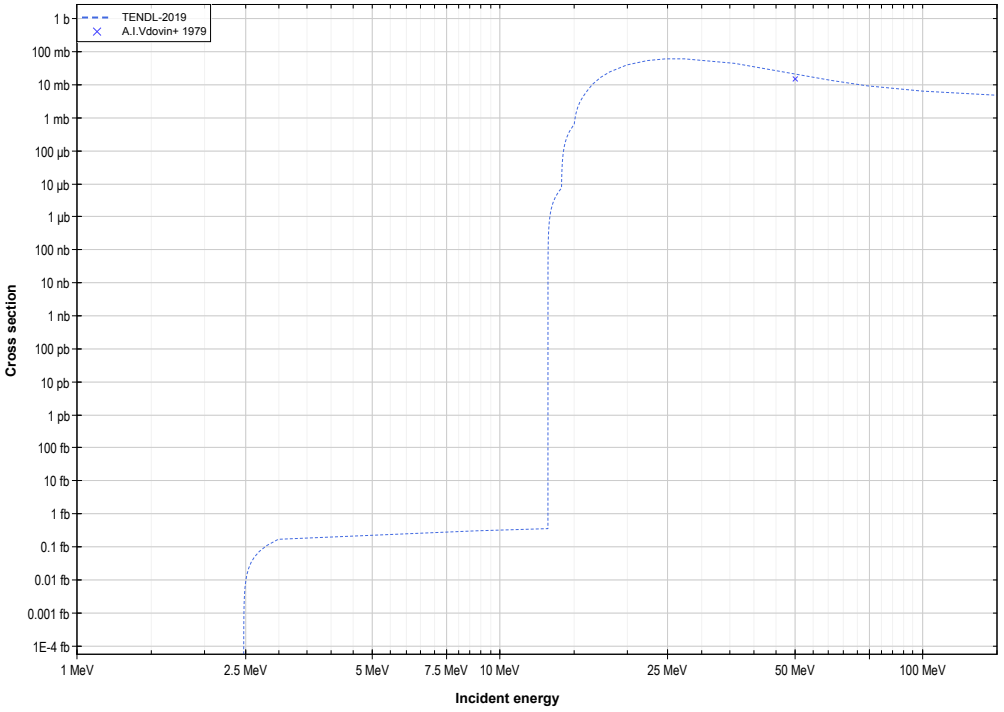
N14 (p,p+^{3}He) or B11 production lin-log



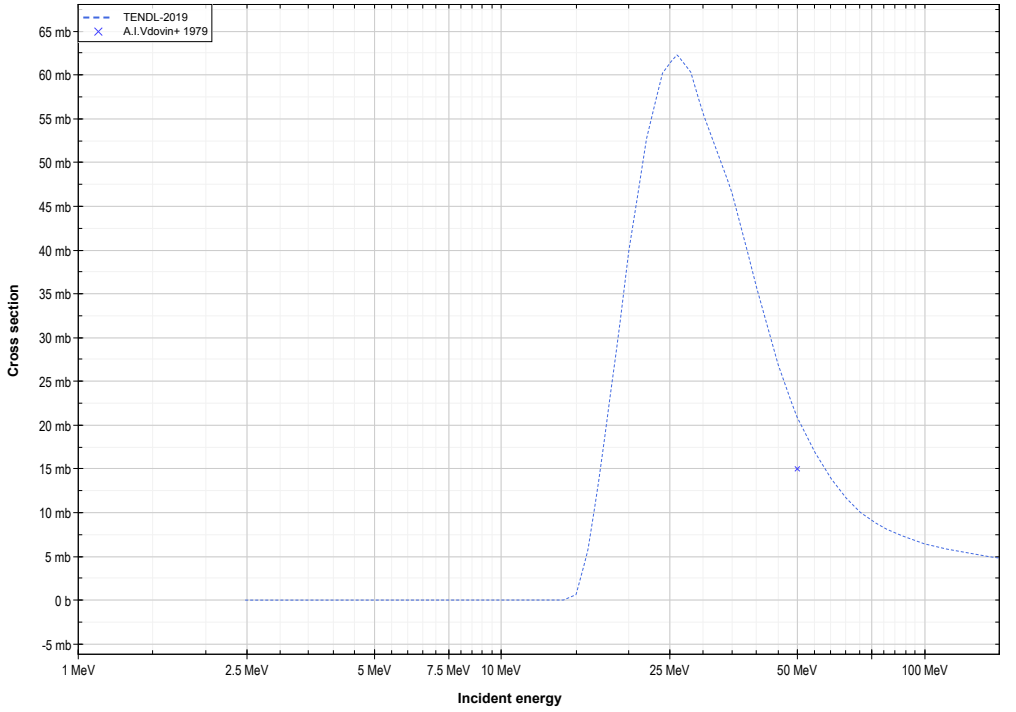
Reaction	Q-Value
N14(p,p+He3)B11	-20735.51 keV
N14(p,2p+d)B11	-26228.98 keV
N14(p,n+3p)B11	-28453.55 keV

	7-N-14	8-O-16 >>
<< MT191 (p,p+³He)	**MT192 (p,d+³He) or MT5 (B10 production)**	7-N-15 MT4 (p,n) >>

N14 (p,d+h) or B10 production log-log



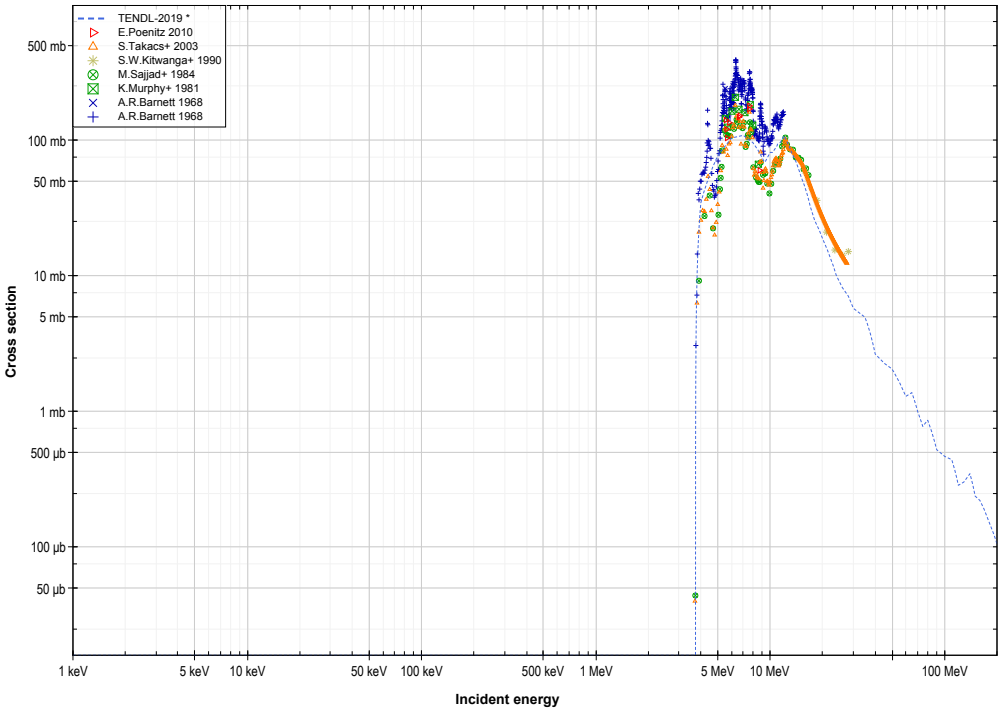
N14 (p,d+h) or B10 production lin-log



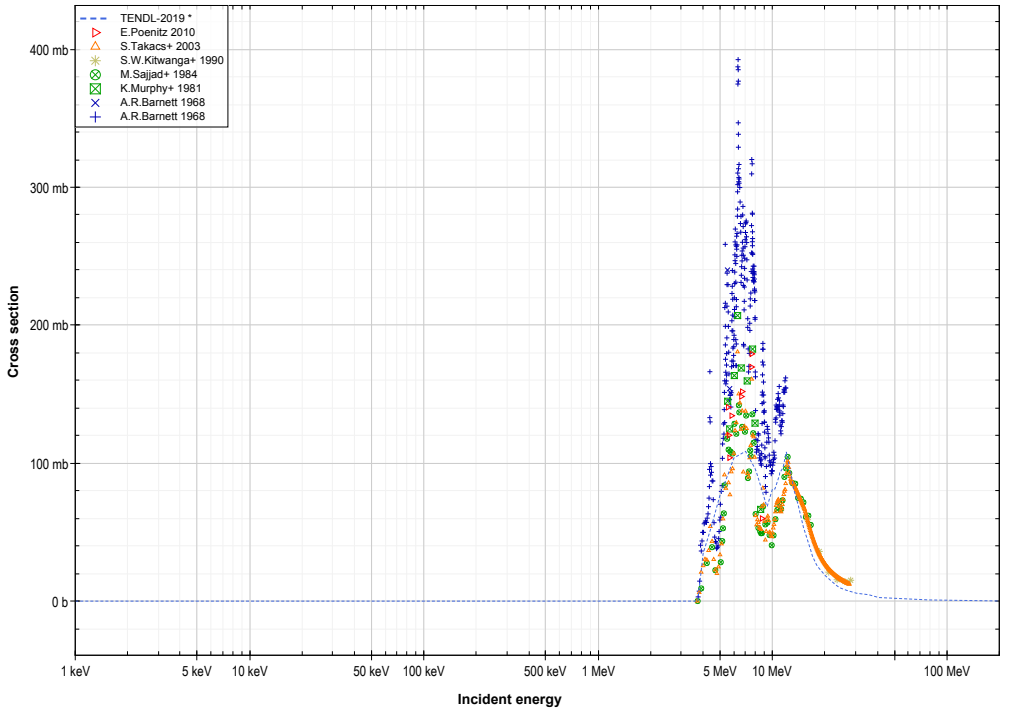
Reaction	Q-Value
N14(p,p+α)B10	-11612.11 keV
N14(p,d+He3)B10	-29965.16 keV
N14(p,2p+t)B10	-31425.97 keV
N14(p,n+p+He3)B10	-32189.73 keV
N14(p,p+2d)B10	-35458.64 keV
N14(p,n+2p+d)B10	-37683.20 keV
N14(p,2n+3p)B10	-39907.77 keV

<< 7-N-14	**7-N-15**	8-O-17 >>
<< 7-N-14 MT192 (p,d+³He)	**MT4 (p,n) or MT5 (O15 production)**	MT22 (p,n+α) >>

N15 (p,n) or O15 production log-log



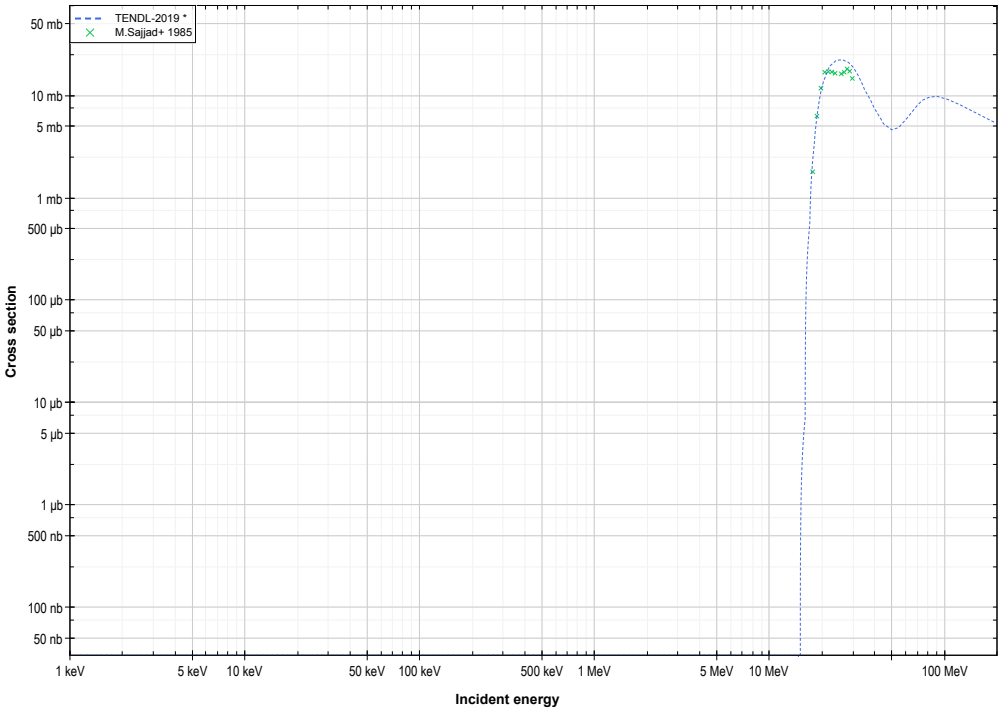
N15 (p,n) or O15 production lin-log



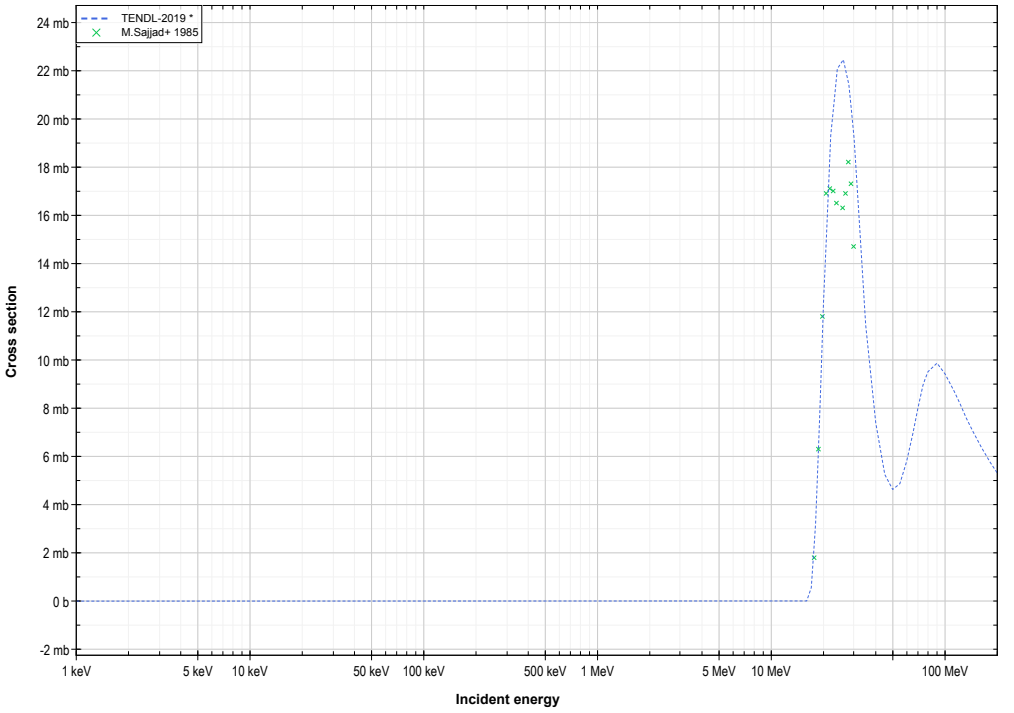
Reaction	Q-Value
N15(p,n)O15	-3536.51 keV

<< 7-N-14	**7-N-15**	9-F-19 >>
<< MT4 (p,n)	**MT22 (p,n+α) or MT5 (C11 production)**	MT29 (p,n+2α) >>

N15 (p,n+α) or C11 production log-log



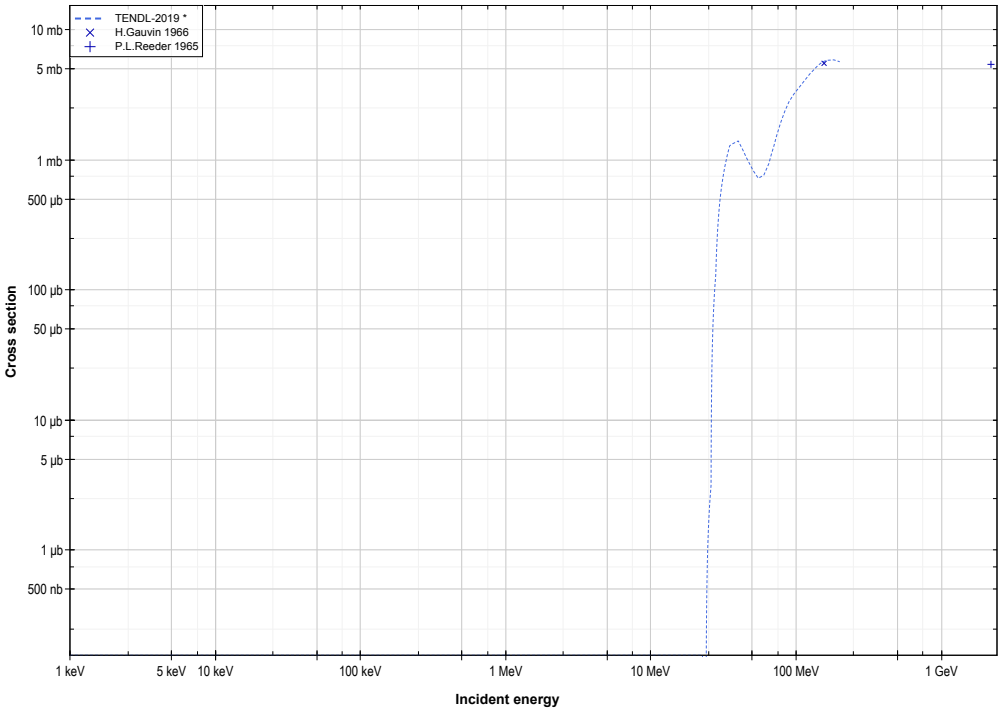
N15 (p,n+α) or C11 production lin-log



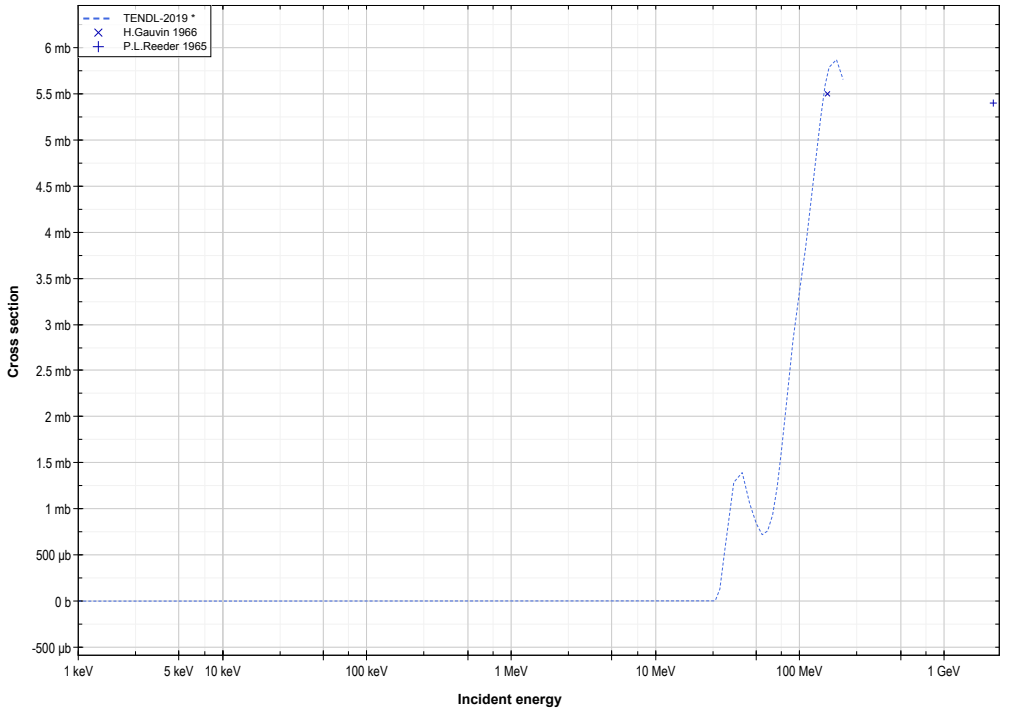
Reaction	Q-Value
N15(p,n+α)C11	-13755.22 keV
N15(p,d+t)C11	-31344.52 keV
N15(p,n+p+t)C11	-33569.09 keV
N15(p,2n+He3)C11	-34332.84 keV
N15(p,n+2d)C11	-37601.75 keV
N15(p,2n+p+d)C11	-39826.32 keV
N15(p,3n+2p)C11	-42050.88 keV

	7-N-15	9-F-19 >>
<< MT22 (p,n+α)	**MT29 (p,n+2α) or MT5 (Be7 production)**	MT32 (p,n+d) >>

N15 (p,n+2α) or Be7 production log-log



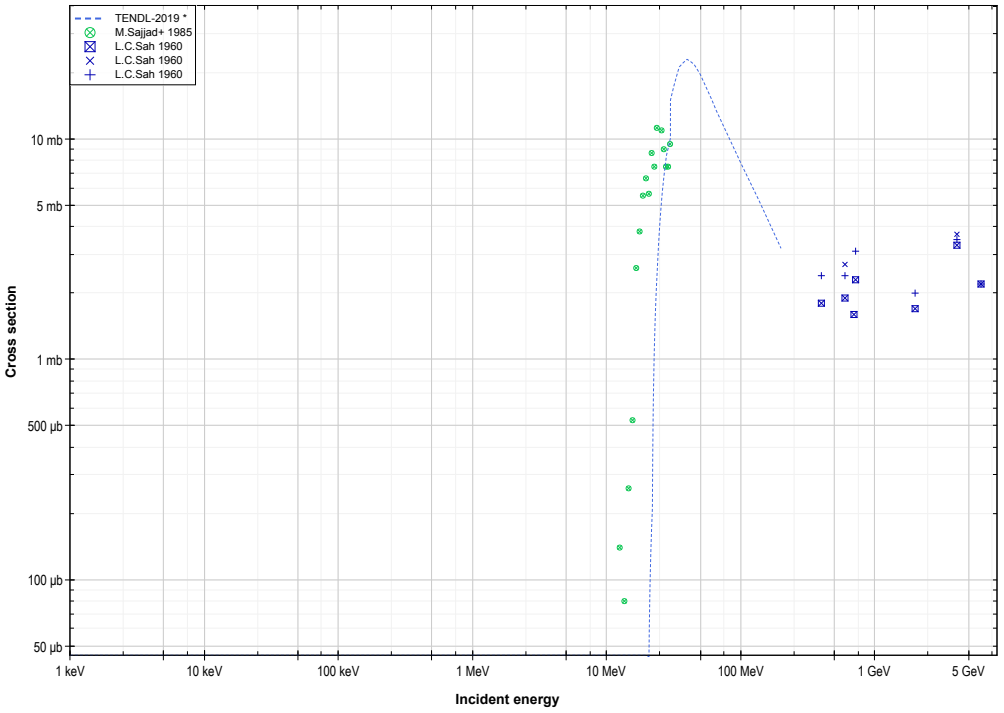
N15 (p,n+2α) or Be7 production lin-log



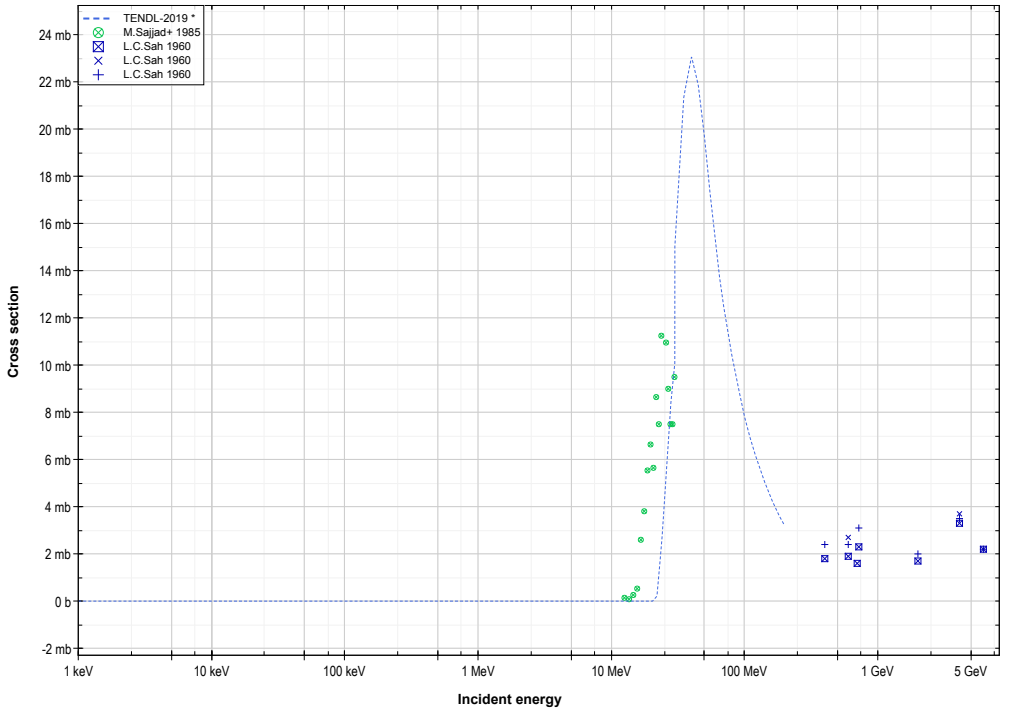
Reaction	Q-Value	Reaction	Q-Value
N15(p,n+2α)Be7	-21299.74 keV	N15(p,p+d+2t)Be7	-58702.90 keV
N15(p,d+t+α)Be7	-38889.04 keV	N15(p,n+d+t+He3)Be7	-59466.66 keV
N15(p,n+p+t+α)Be7	-41113.60 keV	N15(p,n+2p+2t)Be7	-60927.47 keV
N15(p,2n+He3+α)Be7	-41877.36 keV	N15(p,2n+p+t+He3)Be7	-61691.22 keV
N15(p,n+2d+α)Be7	-45146.27 keV	N15(p,3n+2He3)Be7	-62454.98 keV
N15(p,2n+p+d+α)Be7	-47370.83 keV	N15(p,3d+t)Be7	-62735.57 keV
N15(p,3n+2p+α)Be7	-49595.40 keV	N15(p,n+p+2d+t)Be7	-64960.13 keV
N15(p,2t+He3)Be7	-53209.43 keV	N15(p,2n+2d+He3)Be7	-65723.89 keV

<< 6-C-12	**7-N-15**	8-O-16 >>
<< MT29 (p,n+2α)	**MT32 (p,n+d) or MT5 (N13 production)**	MT41 (p,2n+p) >>

N15 (p,n+d) or N13 production log-log



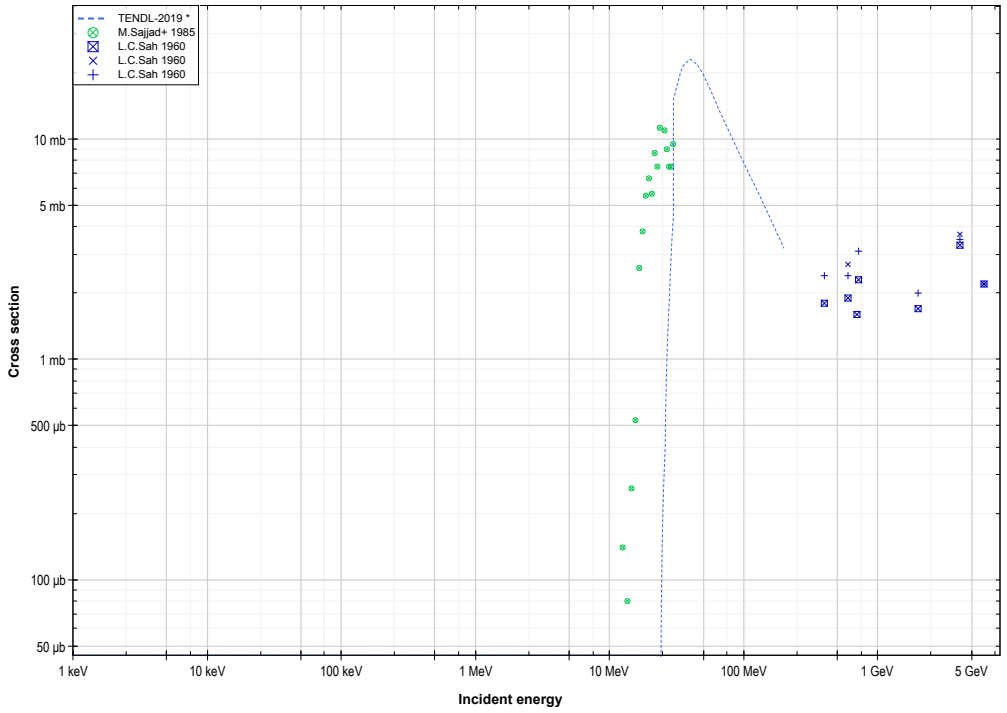
N15 (p,n+d) or N13 production lin-log



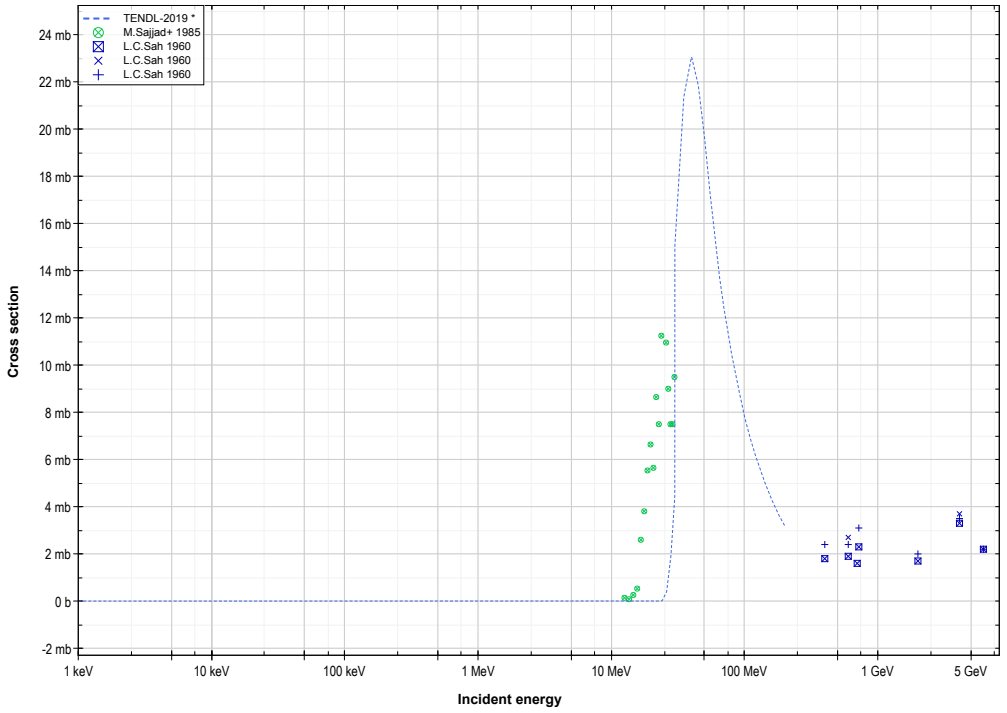
Reaction	Q-Value
N15(p,t)N13	-12904.88 keV
N15(p,n+d)N13	-19162.11 keV
N15(p,2n+p)N13	-21386.68 keV

<< 6-C-12	**7-N-15**	8-O-16 >>
<< MT32 (p,n+d)	**MT41 (p,2n+p) or MT5 (N13 production)**	MT102 (p,γ) >>

N15 (p,2n+p) or N13 production log-log



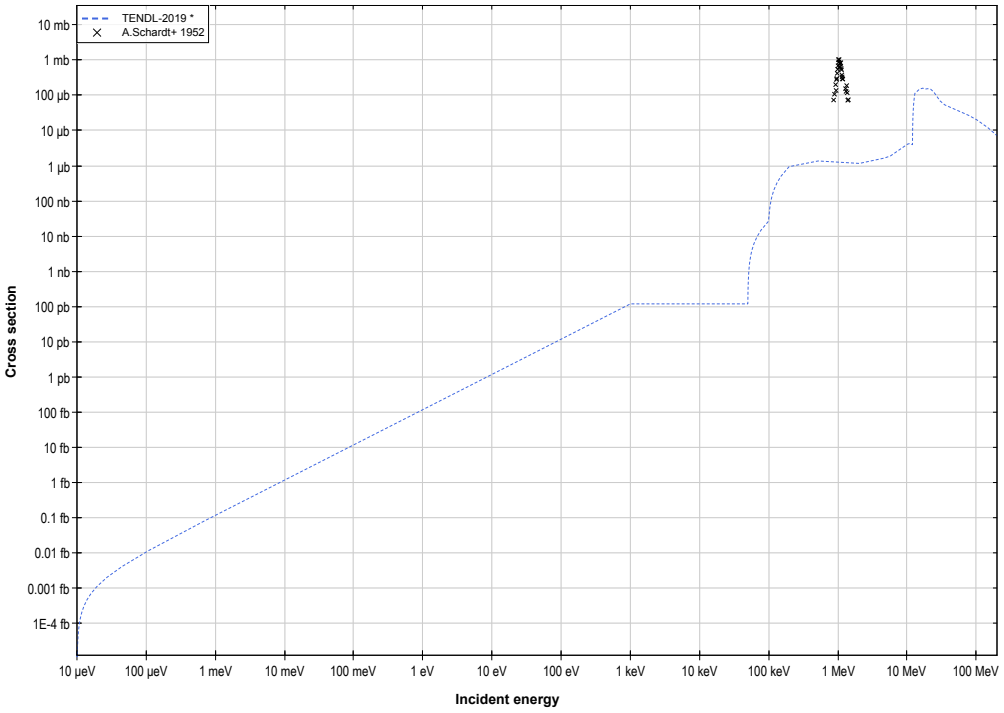
N15 (p,2n+p) or N13 production lin-log



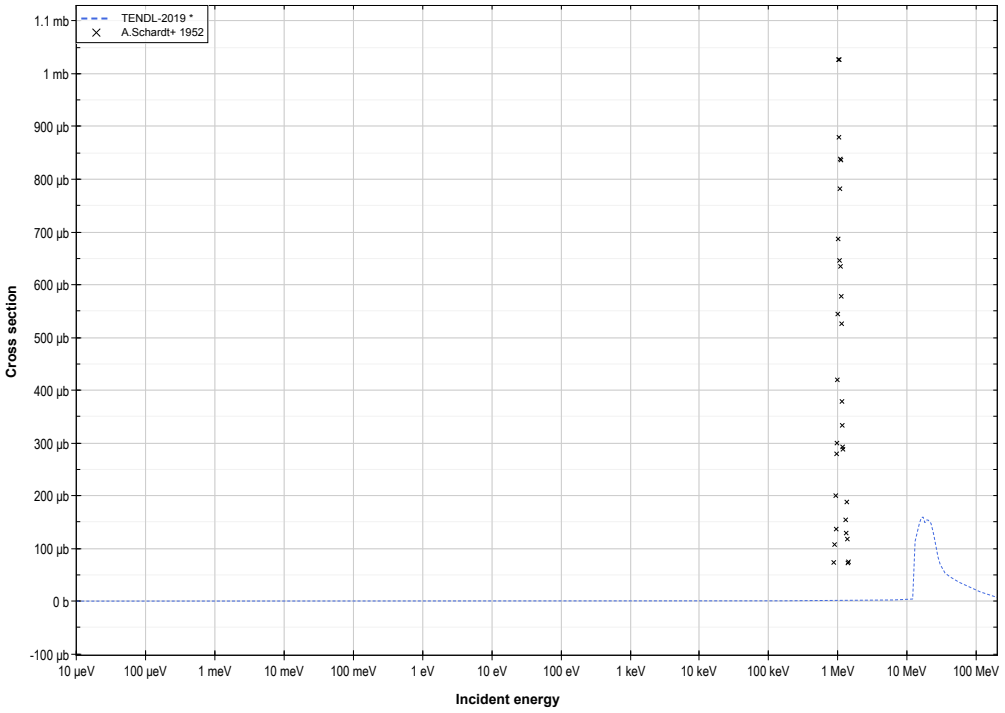
Reaction	Q-Value
N15(p,t)N13	-12904.88 keV
N15(p,n+d)N13	-19162.11 keV
N15(p,2n+p)N13	-21386.68 keV

<< 6-C-13	**7-N-15**	8-O-17 >>
<< MT41 (p,2n+p)	**MT102 (p,γ) or MT5 (O16 production)**	MT105 (p,t) >>

N15 (p,γ) or O16 production log-log



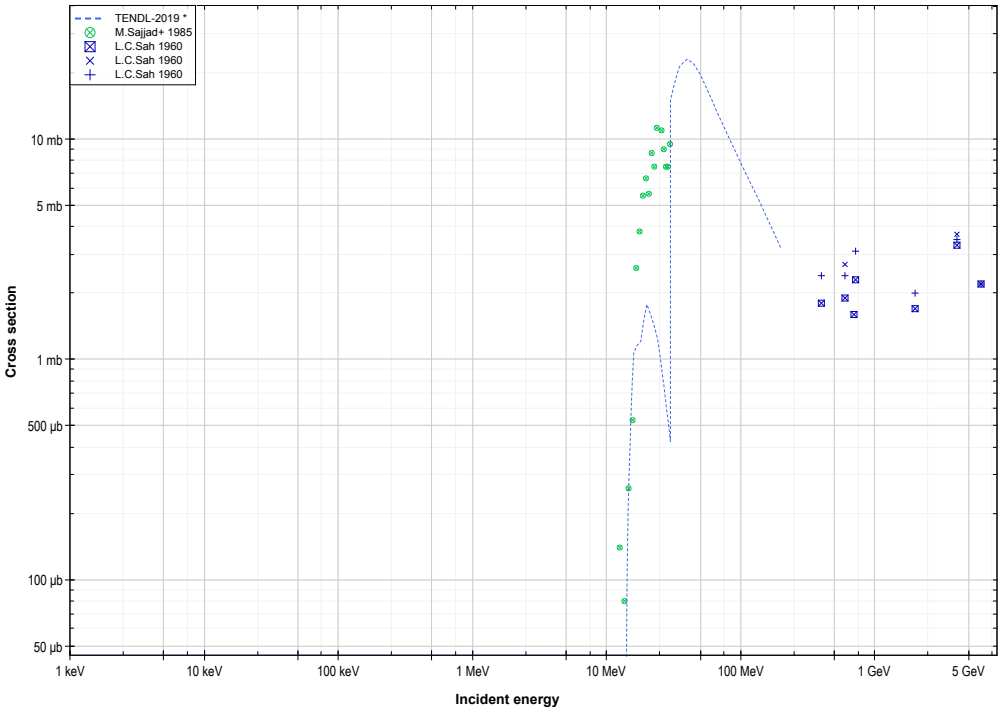
N15 (p,γ) or O16 production lin-log



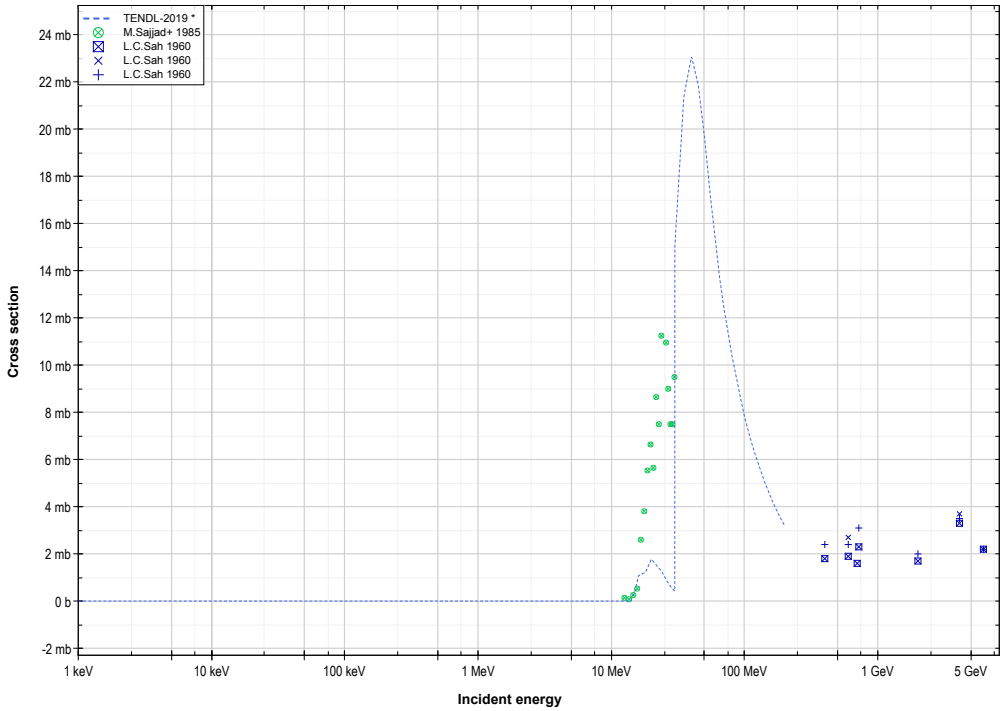
Reaction	Q-Value
N15(p,γ)O16	12127.41 keV

<< 6-C-12	**7-N-15**	8-O-16 >>
<< MT102 (p,γ)	**MT105 (p,t) or MT5 (N13 production)**	MT107 (p,α) >>

N15 (p,t) or N13 production log-log



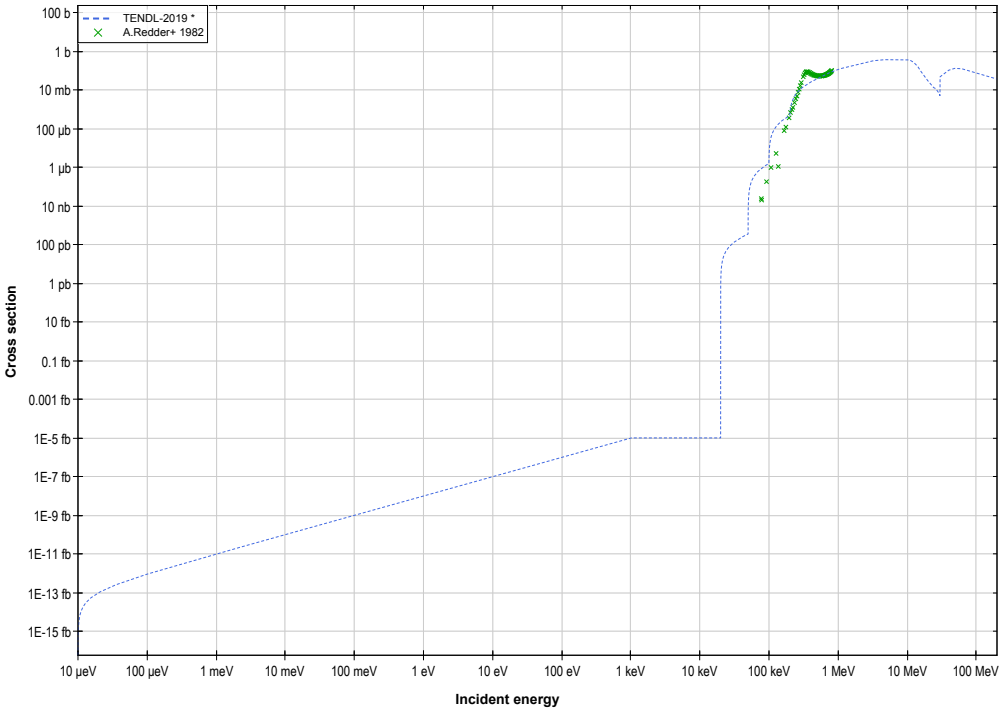
N15 (p,t) or N13 production lin-log



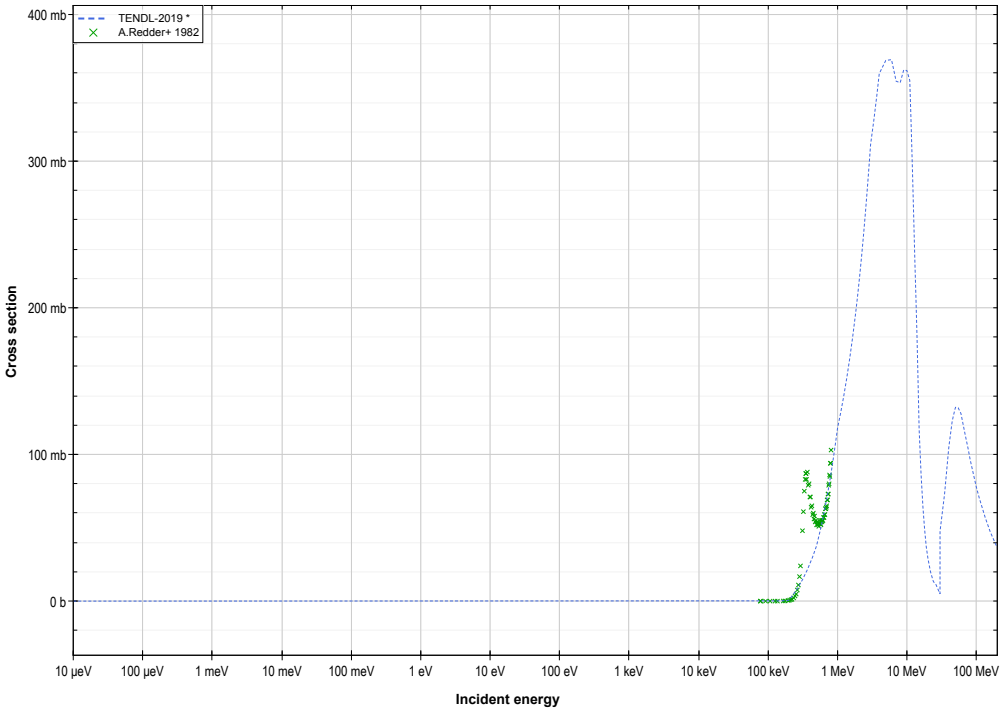
Reaction	Q-Value
N15(p,t)N13	-12904.88 keV
N15(p,n+d)N13	-19162.11 keV
N15(p,2n+p)N13	-21386.68 keV

<< 7-N-14	**7-N-15**	8-O-16 >>
<< MT105 (p,t)	**MT107 (p,α) or MT5 (C12 production)**	MT199 (p,3n+2p+α) >>

N15 (p,α) or C12 production log-log



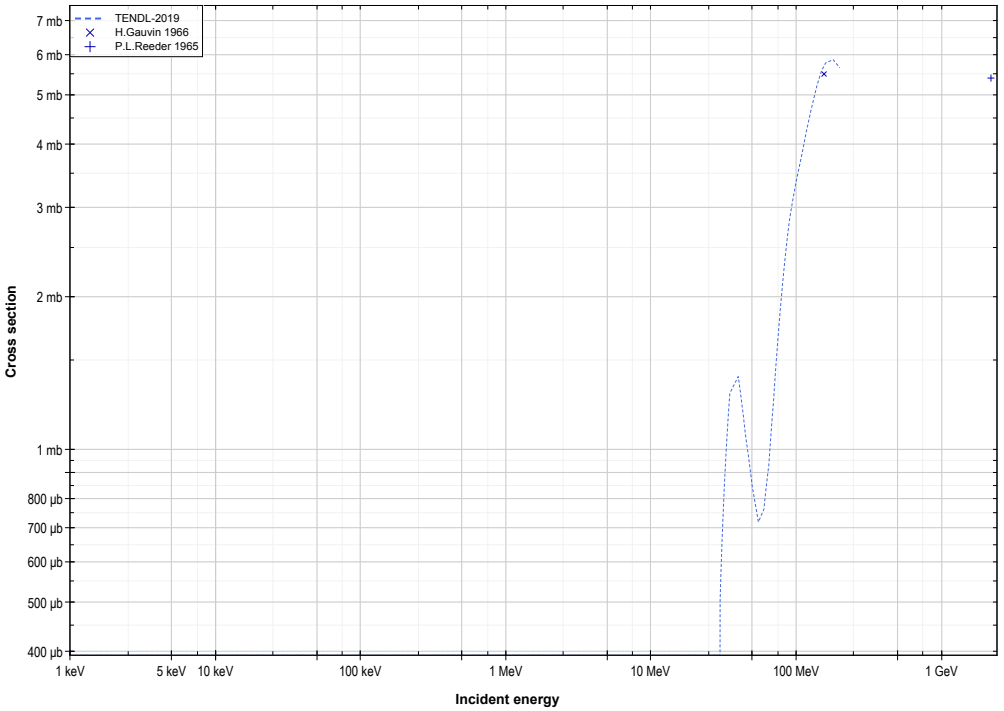
N15 (p,α) or C12 production lin-log



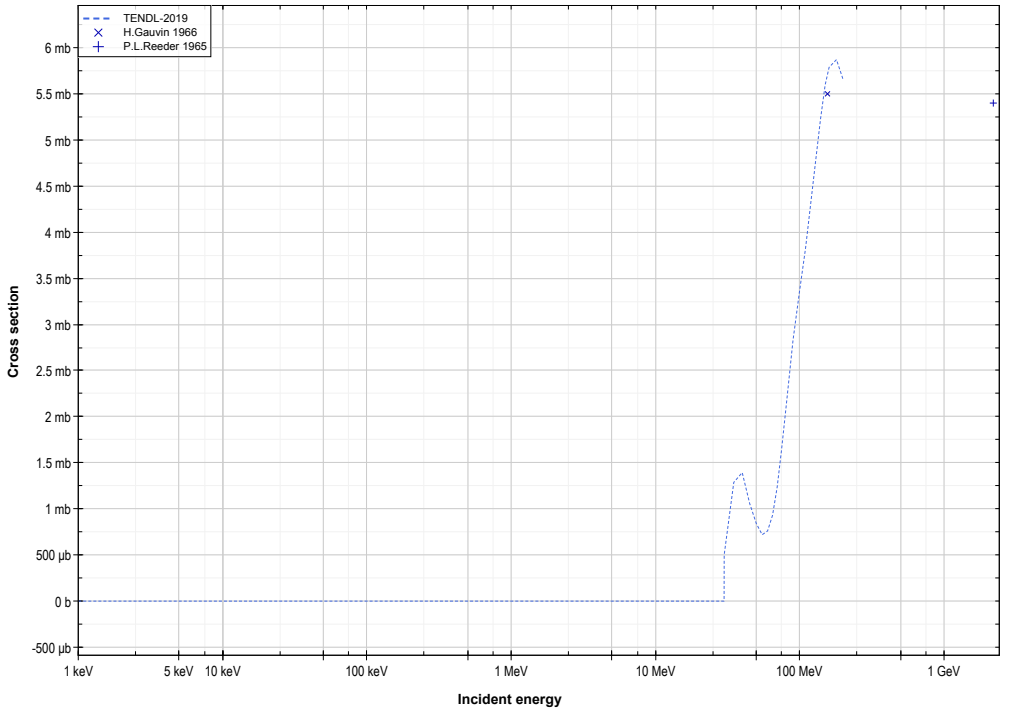
Reaction	Q-Value
N15(p,α)C12	4965.49 keV
N15(p,p+t)C12	-14848.37 keV
N15(p,n+He3)C12	-15612.13 keV
N15(p,2d)C12	-18881.03 keV
N15(p,n+p+d)C12	-21105.60 keV
N15(p,2n+2p)C12	-23330.17 keV

	7-N-15	9-F-19 >>
<< MT107 (p,α)	**MT199 (p,3n+2p+α) or MT5 (Be7 production)**	8-O-16 MT28 (p,n+p) >>

N15 (p,3n+2p+α) or Be7 production log-log

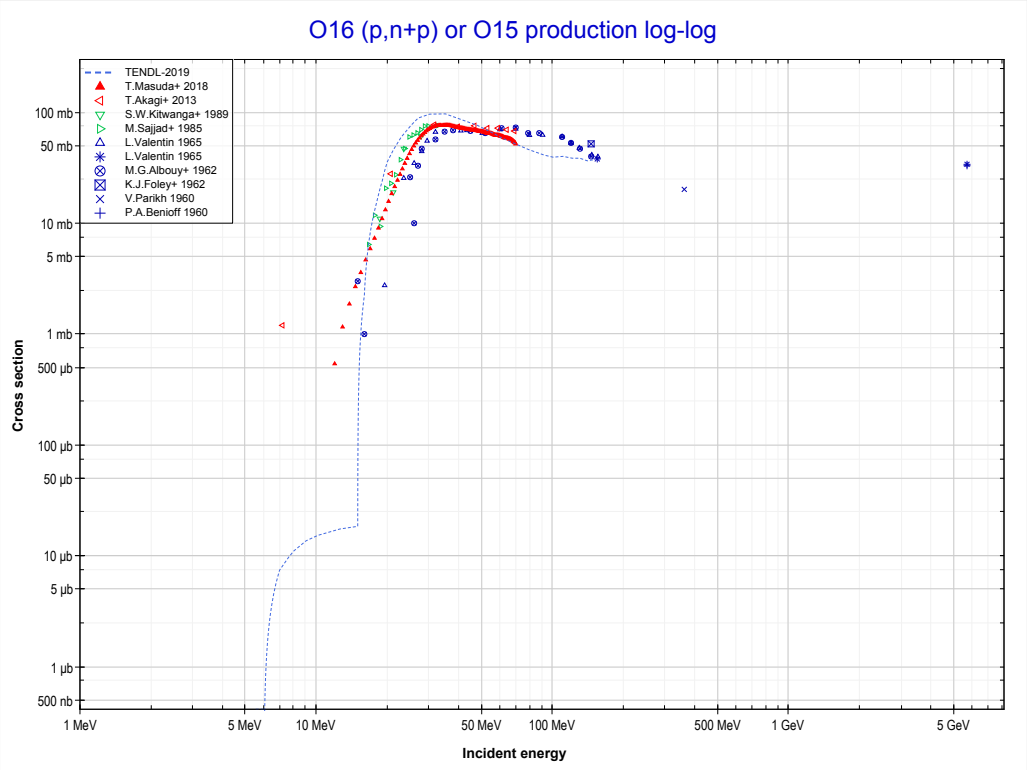


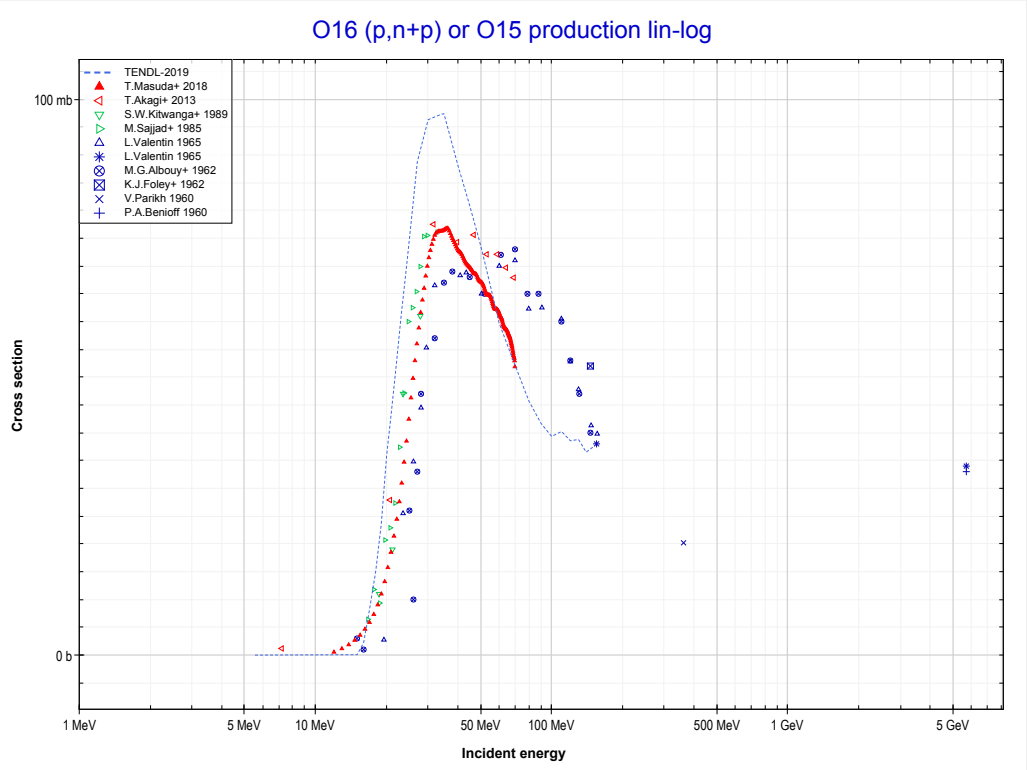
N15 (p,3n+2p+α) or Be7 production lin-log



Reaction	Q-Value	Reaction	Q-Value
N15(p,n+2α)Be7	-21299.74 keV	N15(p,p+d+2t)Be7	-58702.90 keV
N15(p,d+t+α)Be7	-38889.04 keV	N15(p,n+d+t+He3)Be7	-59466.66 keV
N15(p,n+p+t+α)Be7	-41113.60 keV	N15(p,n+2p+2t)Be7	-60927.47 keV
N15(p,2n+He3+α)Be7	-41877.36 keV	N15(p,2n+p+t+He3)Be7	-61691.22 keV
N15(p,n+2d+α)Be7	-45146.27 keV	N15(p,3n+2He3)Be7	-62454.98 keV
N15(p,2n+p+d+α)Be7	-47370.83 keV	N15(p,3d+t)Be7	-62735.57 keV
N15(p,3n+2p+α)Be7	-49595.40 keV	N15(p,n+p+2d+t)Be7	-64960.13 keV
N15(p,2t+He3)Be7	-53209.43 keV	N15(p,2n+2d+He3)Be7	-65723.89 keV

<< 7-N-14	**8-O-16**	9-F-19 >>
<< 7-N-15 MT199 (p,3n+2p+α)	**MT28 (p,n+p) or MT5 (O15 production)**	MT32 (p,n+d) >>

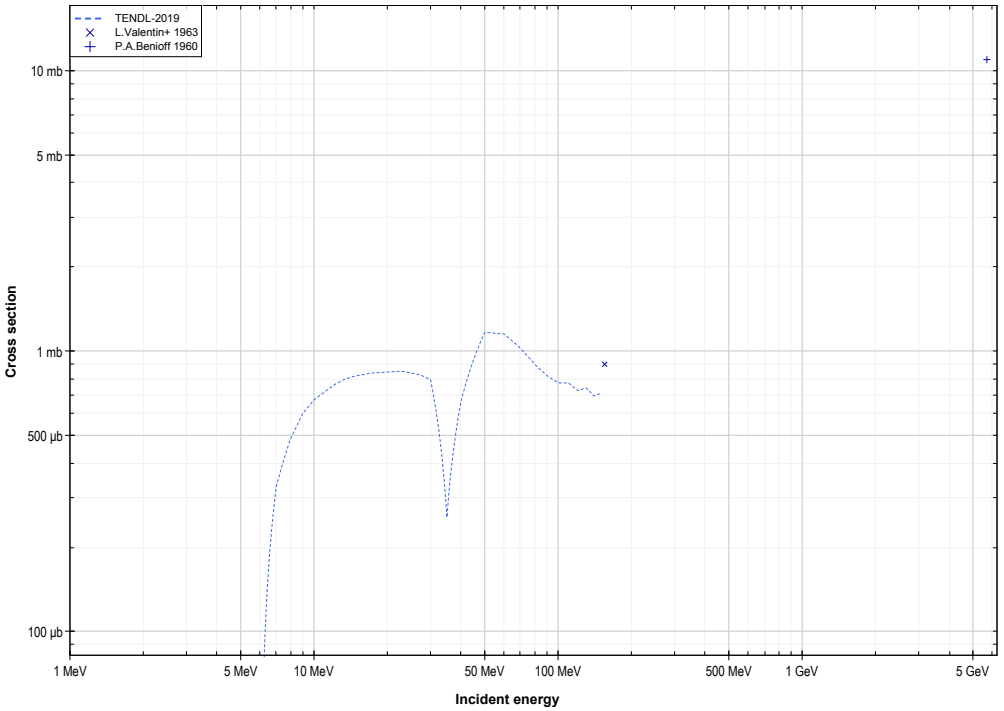




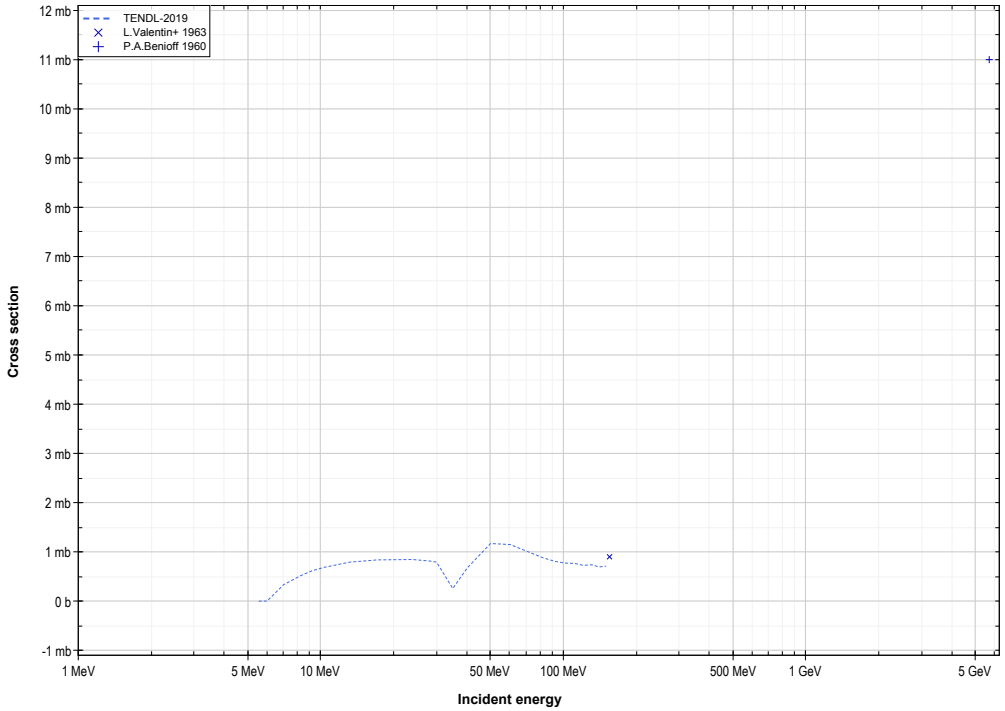
Reaction	Q-Value
O16(p,d)O15	-13439.35 keV
O16(p,n+p)O15	-15663.92 keV

<< 7-N-15	**8-O-16**	9-F-19 >>
<< MT28 (p,n+p)	**MT32 (p,n+d) or MT5 (O14 production)**	MT34 (p,n+^{3}He) >>

O16 (p,n+d) or O14 production log-log



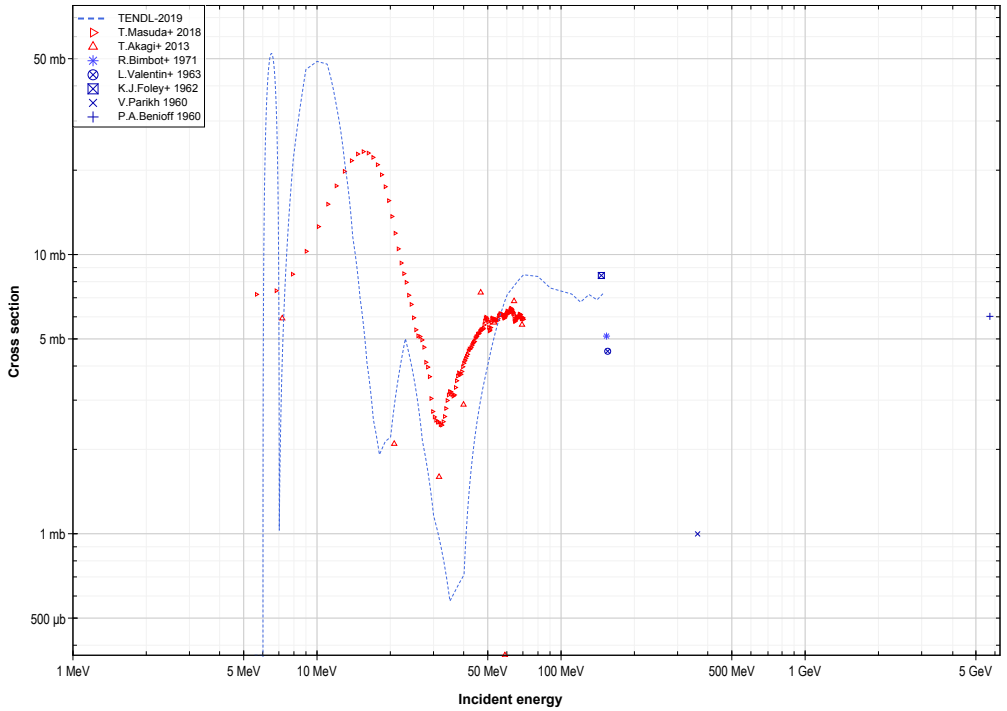
O16 (p,n+d) or O14 production lin-log



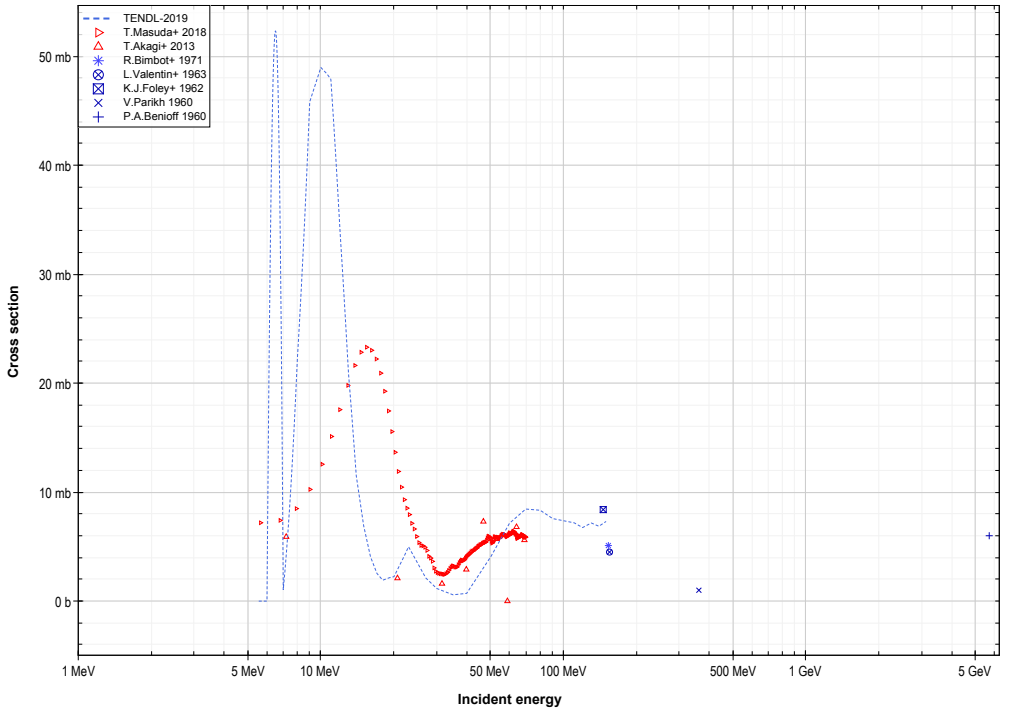
Reaction	Q-Value
O16(p,t)O14	-20405.62 keV
O16(p,n+d)O14	-26662.85 keV
O16(p,2n+p)O14	-28887.42 keV

<< 7-N-14	**8-O-16**	12-Mg-25 >>
<< MT32 (p,n+d)	**MT34 (p,n+^{3}He) or MT5 (N13 production)**	MT41 (p,2n+p) >>

O16 (p,n+^{3}He) or N13 production log-log



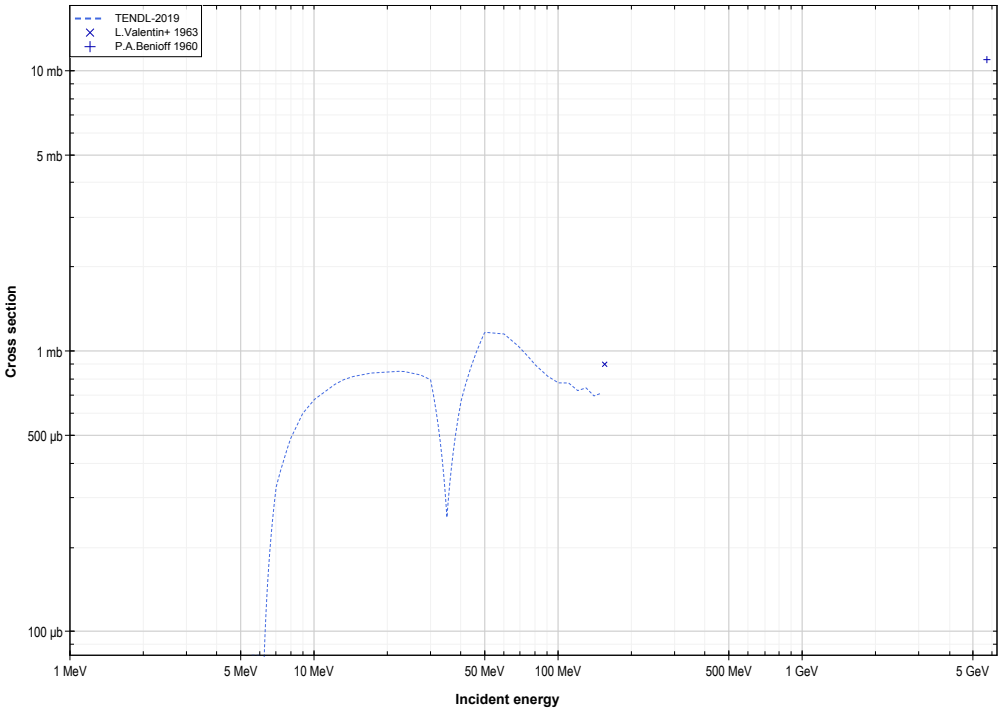
O16 (p,n+^{3}He) or N13 production lin-log



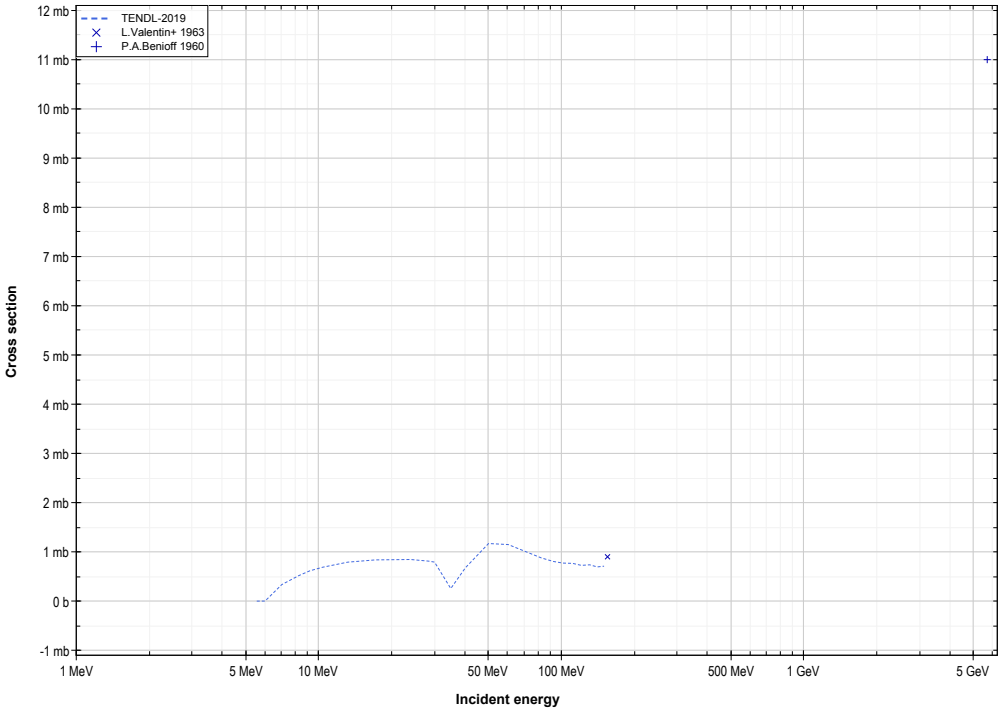
Reaction	Q-Value
O16(p,α)N13	-5218.43 keV
O16(p,p+t)N13	-25032.29 keV
O16(p,n+He3)N13	-25796.05 keV
O16(p,2d)N13	-29064.95 keV
O16(p,n+p+d)N13	-31289.52 keV
O16(p,2n+2p)N13	-33514.09 keV

<< 7-N-15	**8-O-16**	9-F-19 >>
<< MT34 (p,n+^{3}He)	**MT41 (p,2n+p) or MT5 (O14 production)**	MT45 (p,n+p+α) >>

O16 (p,2n+p) or O14 production log-log



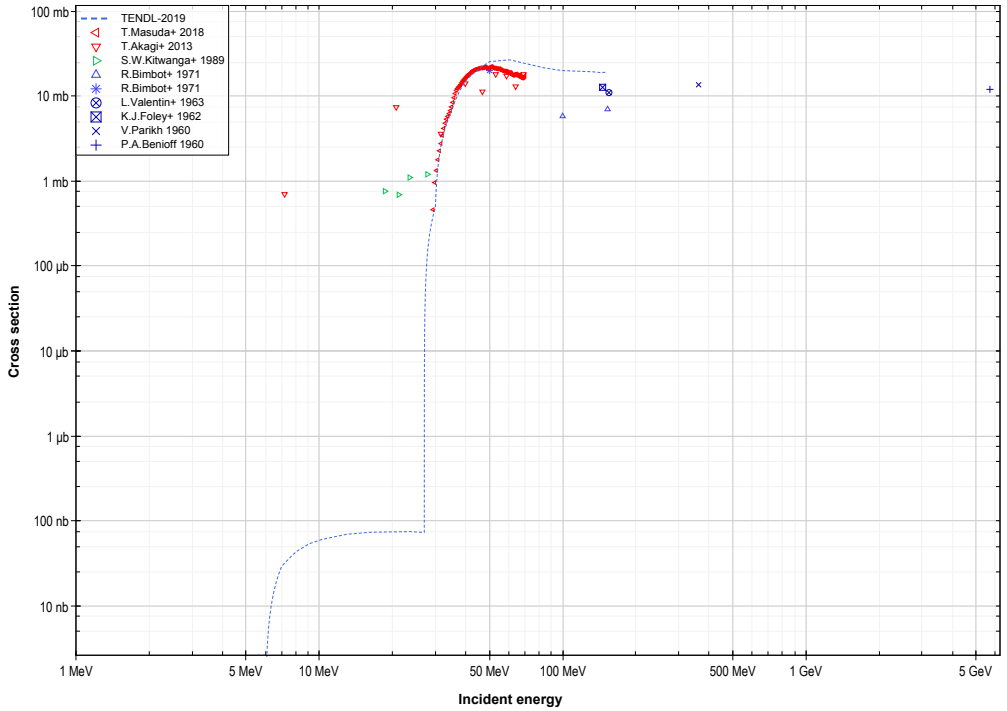
O16 (p,2n+p) or O14 production lin-log



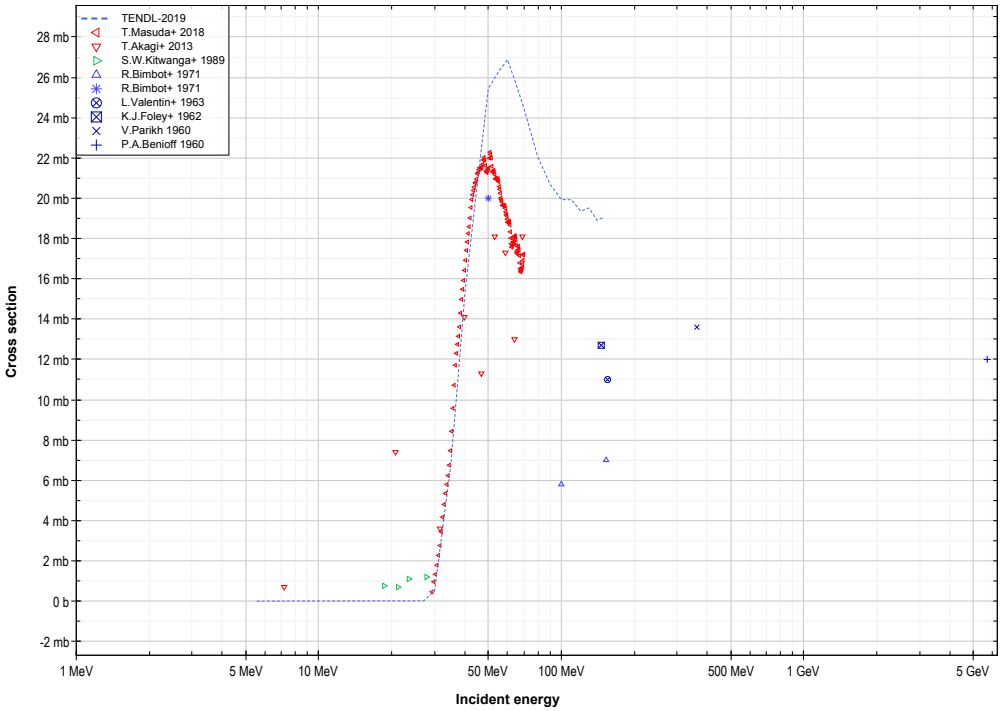
Reaction	Q-Value
O16(p,t)O14	-20405.62 keV
O16(p,n+d)O14	-26662.85 keV
O16(p,2n+p)O14	-28887.42 keV

<< 6-C-12	**8-O-16**	11-Na-23 >>
<< MT41 (p,2n+p)	**MT45 (p,n+p+α) or MT5 (C11 production)**	MT103 (p,p) >>

O16 (p,n+p+α) or C11 production log-log



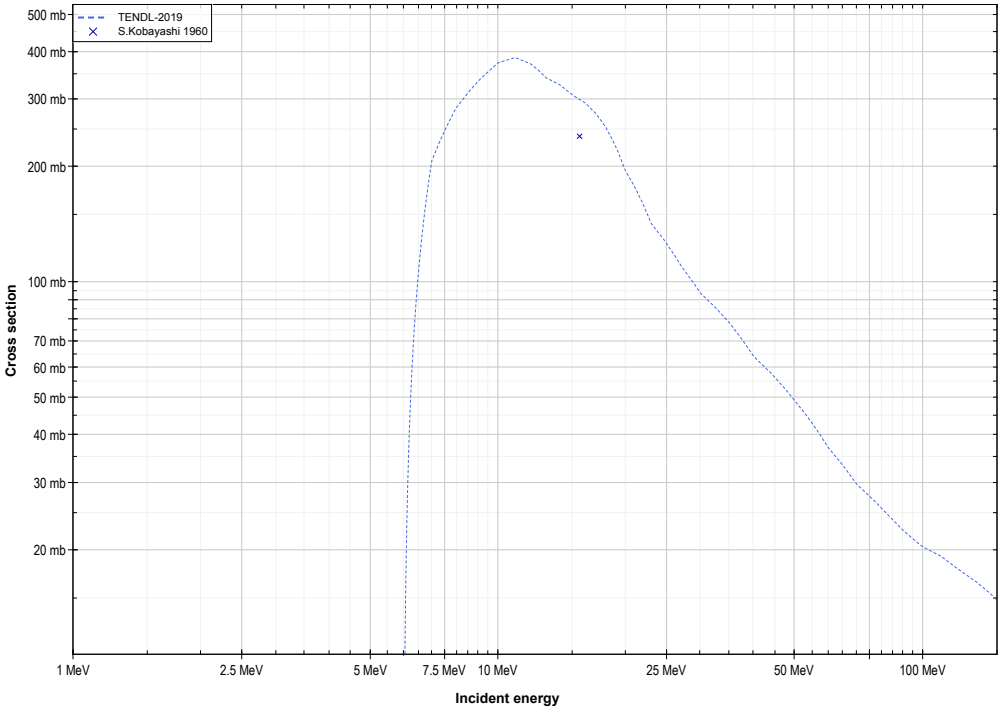
O16 (p,n+p+α) or C11 production lin-lin



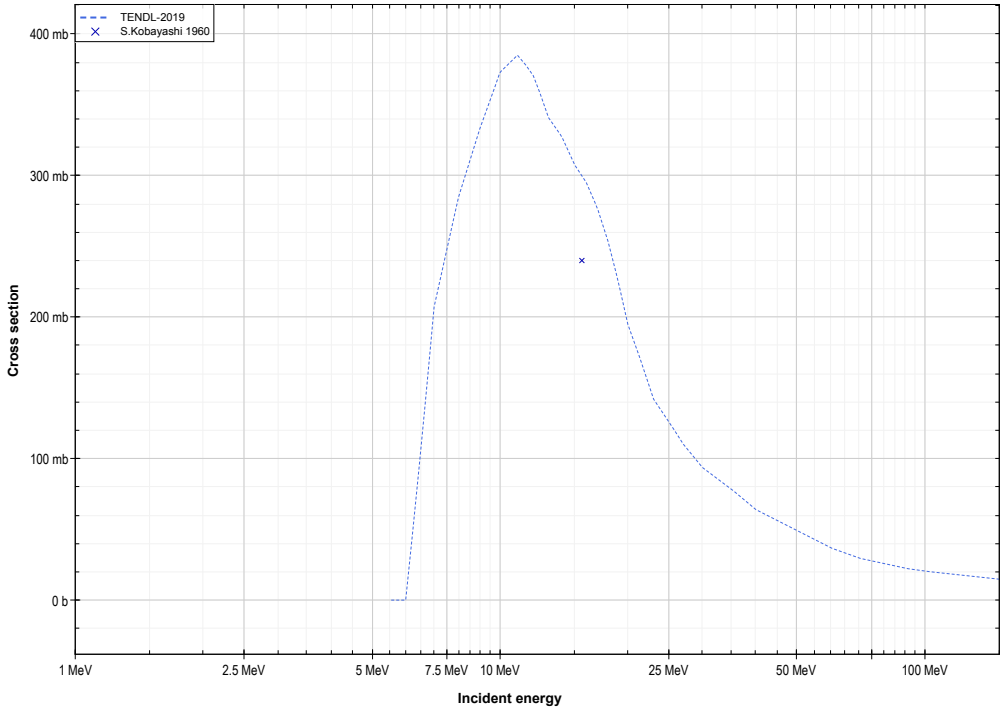
Reaction	Q-Value	Reaction	Q-Value
O16(p,d+α)C11	-23658.07 keV	O16(p,n+p+2d)C11	-49729.16 keV
O16(p,n+p+α)C11	-25882.63 keV	O16(p,2n+2p+d)C11	-51953.73 keV
O16(p,t+He3)C11	-37978.46 keV	O16(p,3n+3p)C11	-54178.29 keV
O16(p,p+d+t)C11	-43471.93 keV		
O16(p,n+d+He3)C11	-44235.69 keV		
O16(p,n+2p+t)C11	-45696.50 keV		
O16(p,2n+p+He3)C11	-46460.25 keV		
O16(p,3d)C11	-47504.60 keV		

	8-O-16	12-Mg-24 >>
<< MT45 (p,n+p+α)	**MT103 (p,p) or MT5 (O16 production)**	MT104 (p,d) >>

O16 (p,p) or O16 production log-log



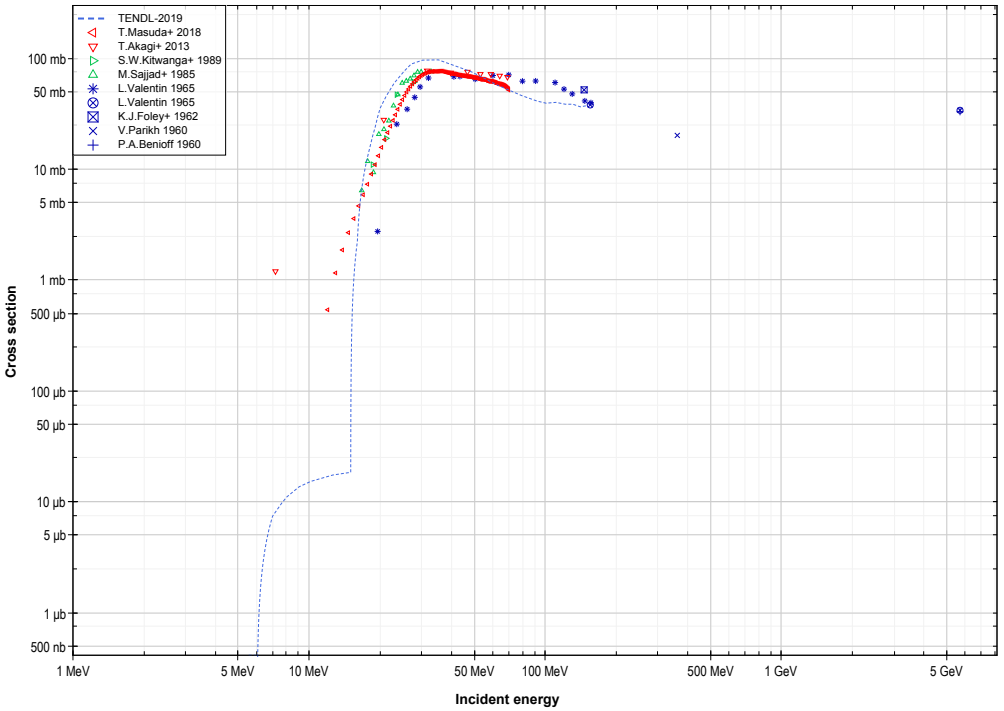
O16 (p,p) or O16 production lin-log



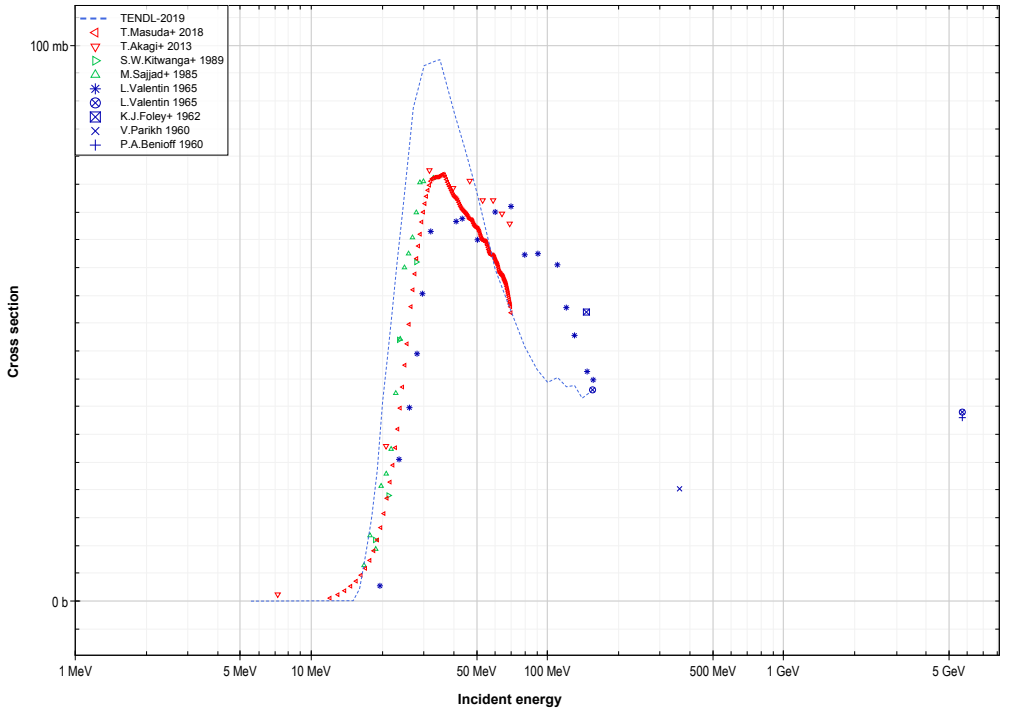
Reaction	Q-Value
O16(p,p)O16	0.00 keV

<< 7-N-14	**8-O-16**	9-F-19 >>
<< MT103 (p,p)	**MT104 (p,d) or MT5 (O15 production)**	MT105 (p,t) >>

O16 (p,d) or O15 production log-log



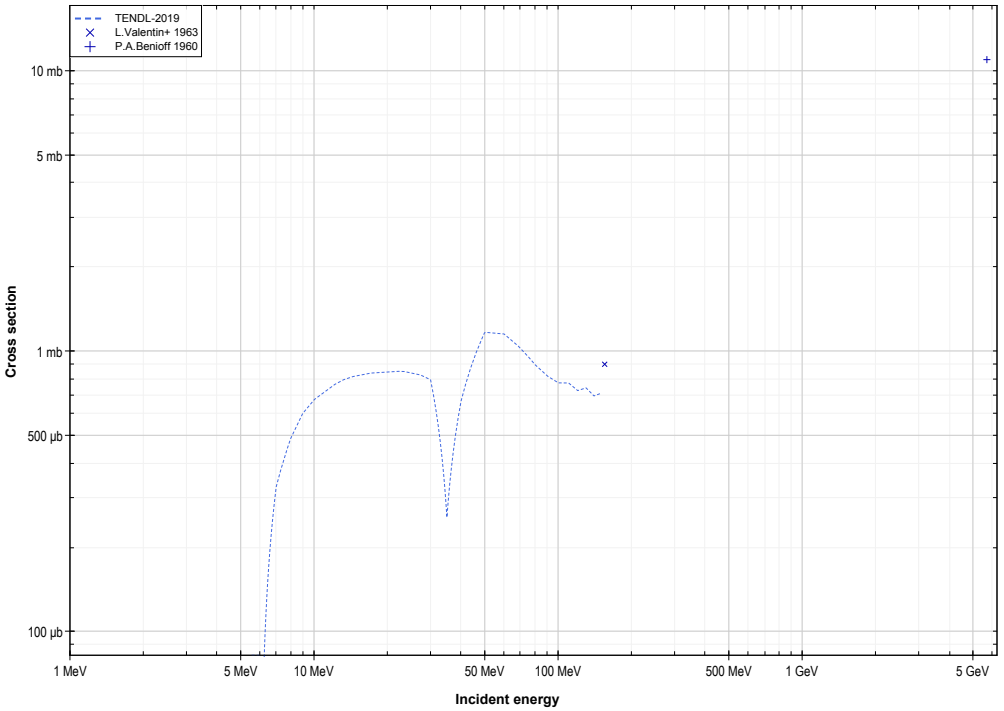
O16 (p,d) or O15 production lin-log



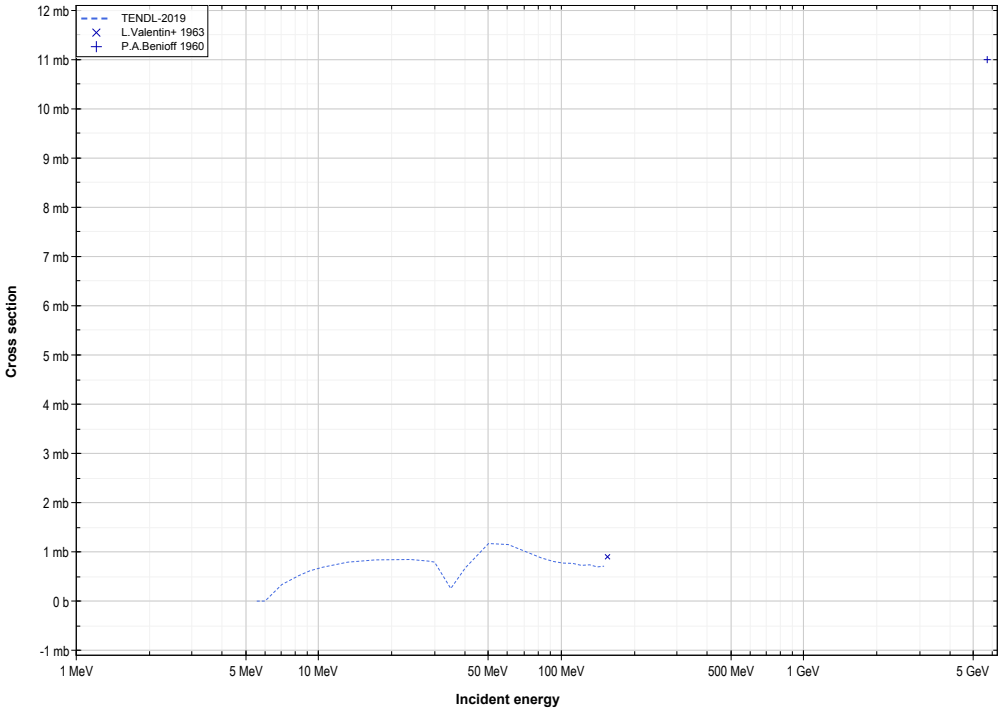
Reaction	Q-Value
O16(p,d)O15	-13439.35 keV
O16(p,n+p)O15	-15663.92 keV

<< 7-N-15	**8-O-16**	9-F-19 >>
<< MT104 (p,d)	**MT105 (p,t) or MT5 (O14 production)**	MT107 (p,α) >>

O16 (p,t) or O14 production log-log



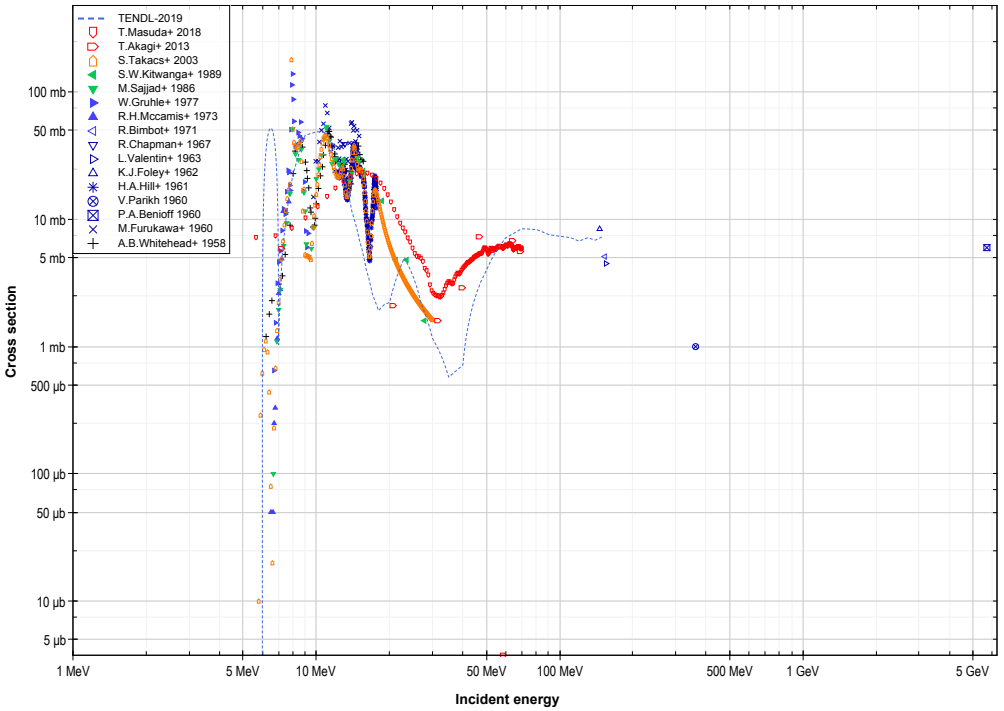
O16 (p,t) or O14 production lin-log



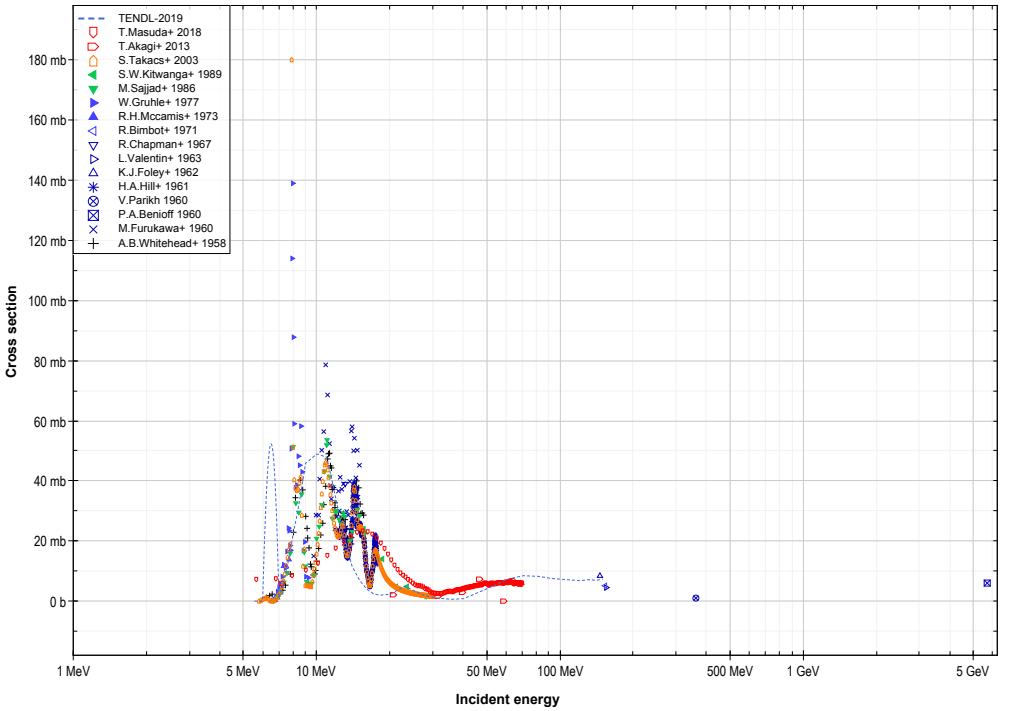
Reaction	Q-Value
O16(p,t)O14	-20405.62 keV
O16(p,n+d)O14	-26662.85 keV
O16(p,2n+p)O14	-28887.42 keV

<< 7-N-15	**8-O-16**	8-O-18 >>
<< MT105 (p,t)	**MT107 (p,α) or MT5 (N13 production)**	MT111 (p,2p) >>

O16 (p,α) or N13 production log-log



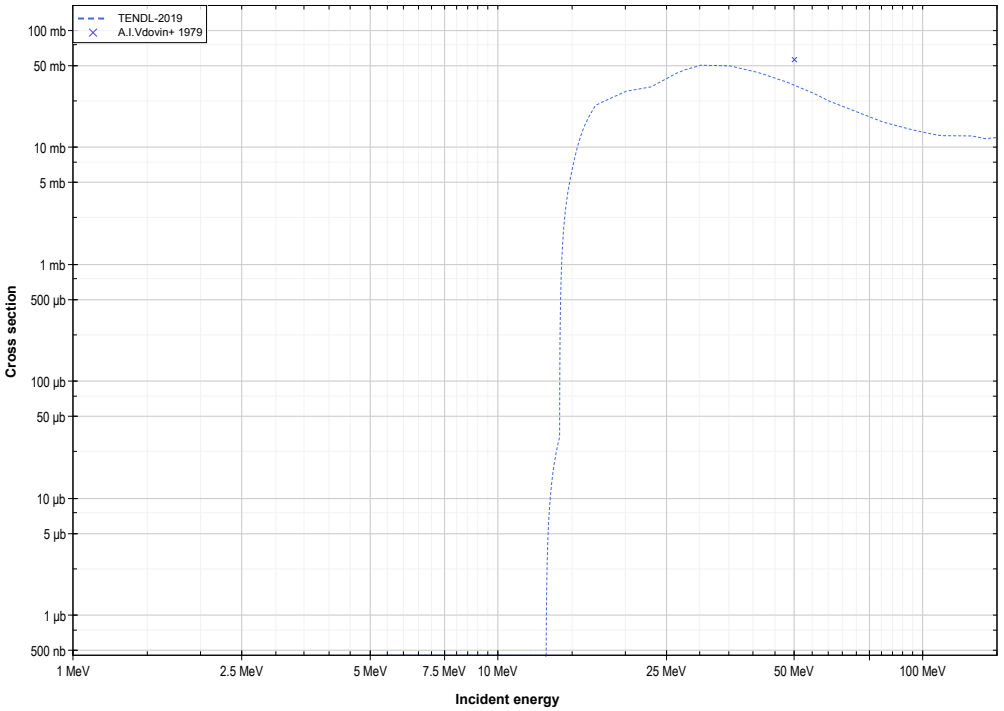
O16 (p,α) or N13 production lin-log



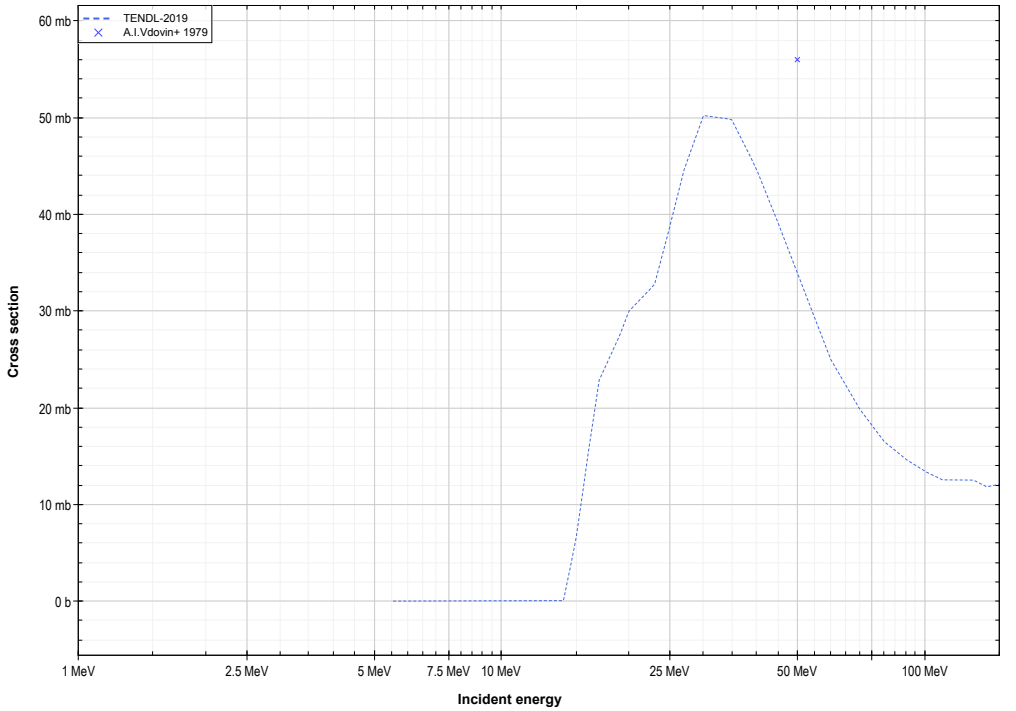
Reaction	Q-Value
O16(p,α)N13	-5218.43 keV
O16(p,p+t)N13	-25032.29 keV
O16(p,n+He3)N13	-25796.05 keV
O16(p,2d)N13	-29064.95 keV
O16(p,n+p+d)N13	-31289.52 keV
O16(p,2n+2p)N13	-33514.09 keV

<< 7-N-14	**8-O-16**	8-O-18 >>
<< MT107 (p,α)	**MT111 (p,2p) or MT5 (N15 production)**	MT112 (p,p+α) >>

O16 (p,2p) or N15 production log-log



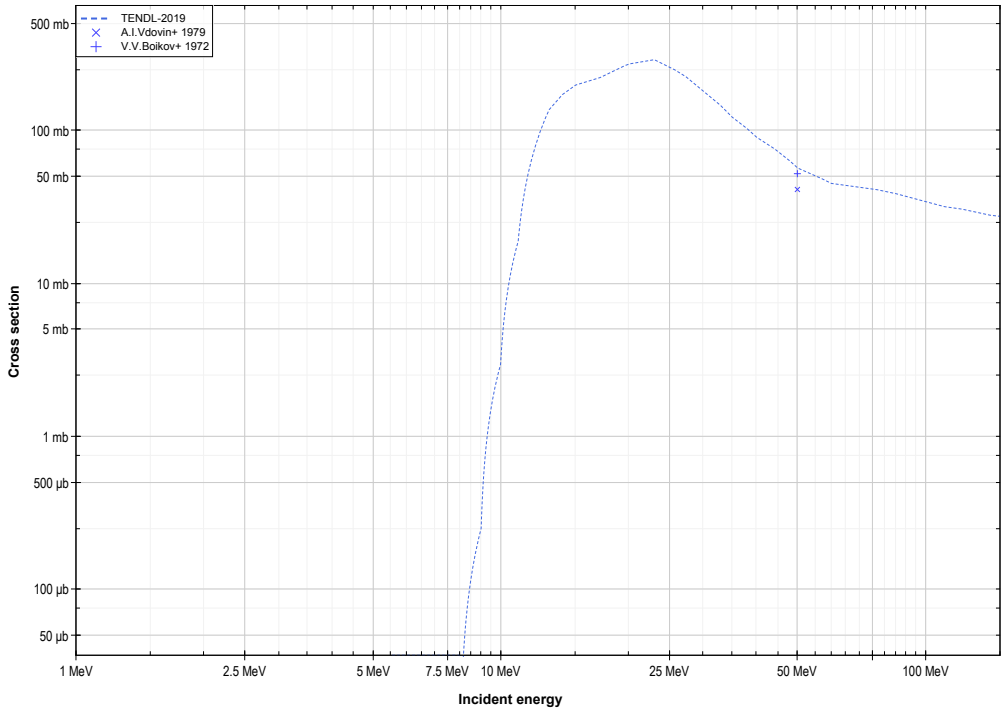
O16 (p,2p) or N15 production lin-log



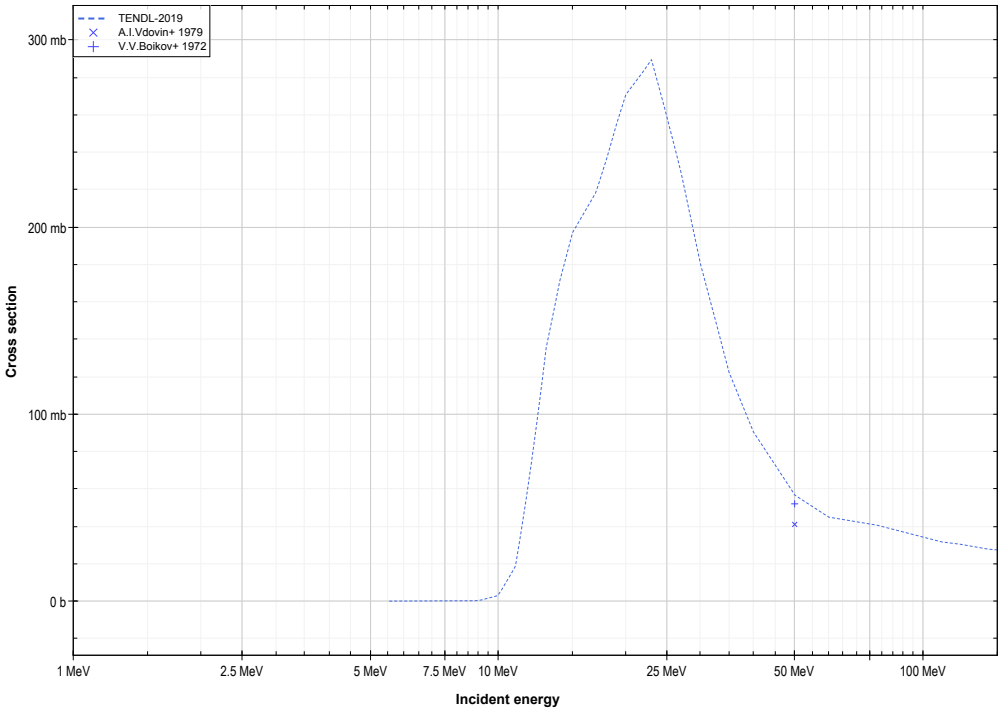
Reaction	Q-Value
O16(p,2p)N15	-12127.41 keV

<< 7-N-14	**8-O-16**	14-Si-28 >>
<< MT111 (p,2p)	**MT112 (p,p+α) or MT5 (C12 production)**	MT114 (p,d+2α) >>

O16 (p,p+α) or C12 production log-log



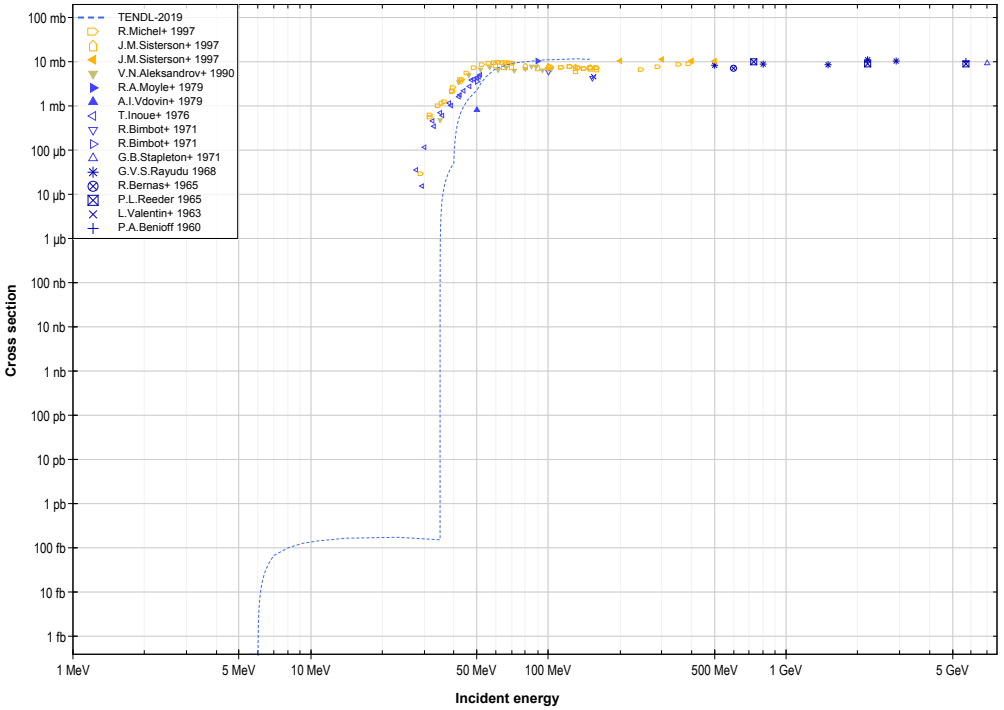
O16 (p,p+α) or C12 production lin-log



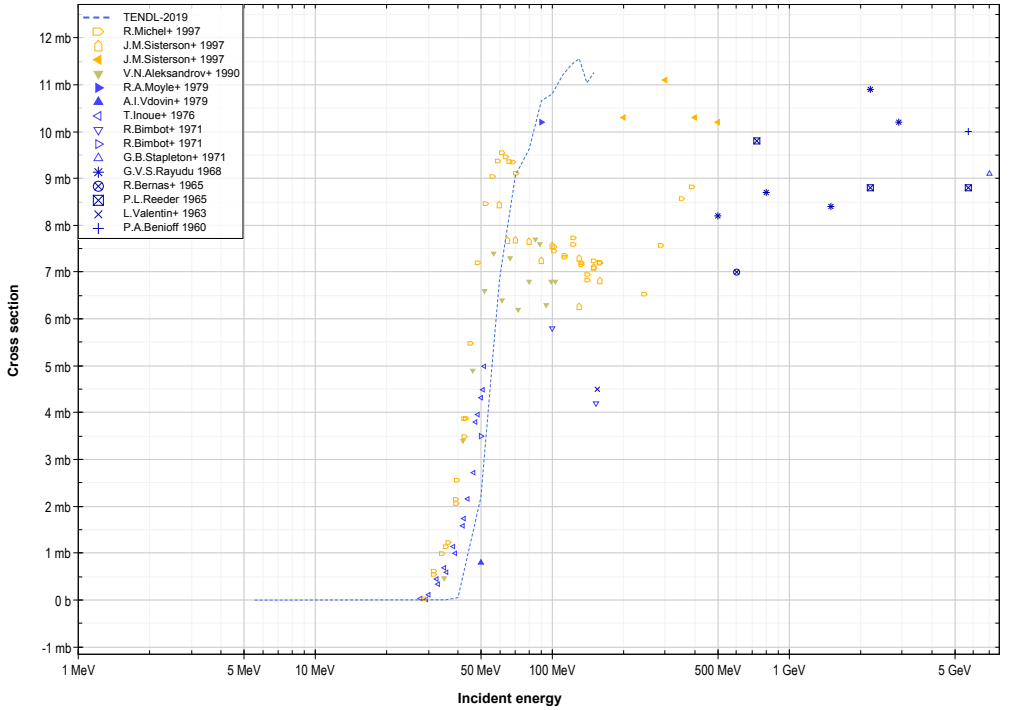
Reaction	Q-Value
O16(p,p+α)C12	-7161.92 keV
O16(p,d+He3)C12	-25514.97 keV
O16(p,2p+t)C12	-26975.78 keV
O16(p,n+p+He3)C12	-27739.54 keV
O16(p,p+2d)C12	-31008.44 keV
O16(p,n+2p+d)C12	-33233.01 keV
O16(p,2n+3p)C12	-35457.58 keV

	8-O-16	13-Al-27 >>
<< MT112 (p,p+α)	**MT114 (p,d+2α) or MT5 (Be7 production)**	MT115 (p,p+d) >>

O16 (p,d+2α) or Be7 production log-log



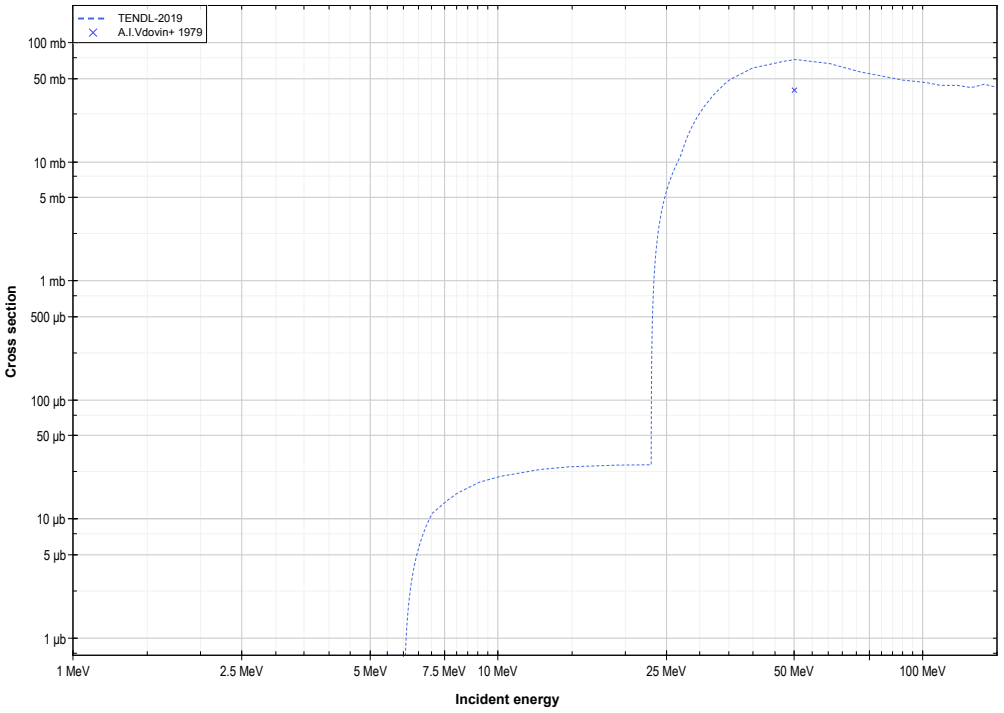
O16 (p,d+2α) or Be7 production lin-log



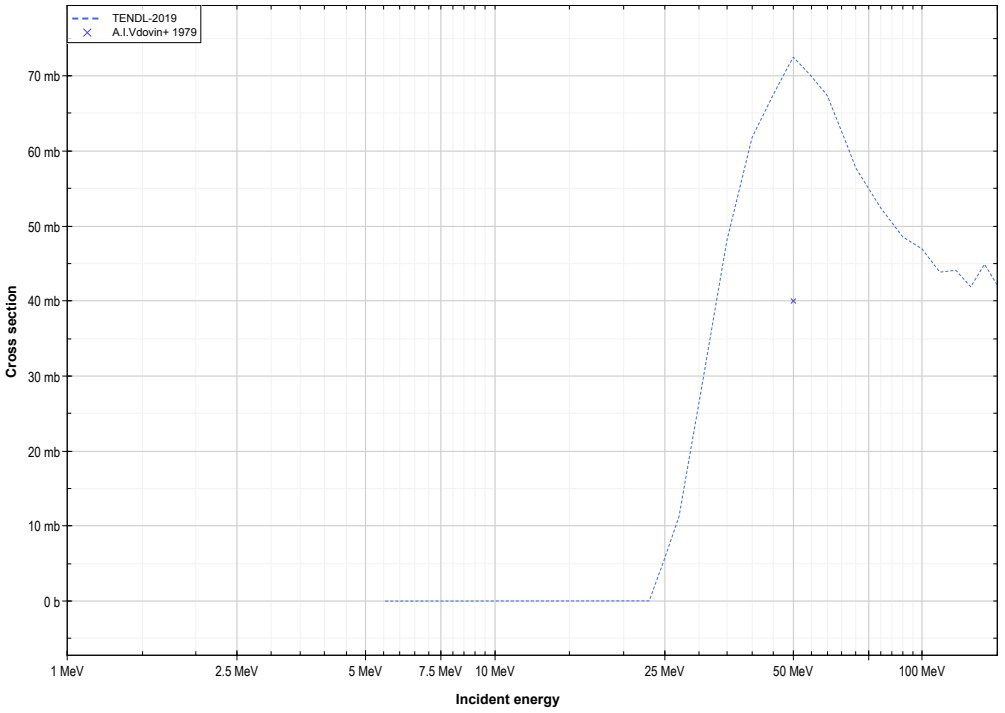
Reaction	Q-Value	Reaction	Q-Value
O16(p,d+2α)Be7	-31202.58 keV	O16(p,n+p+2d+α)Be7	-57273.68 keV
O16(p,n+p+2α)Be7	-33427.15 keV	O16(p,2n+2p+d+α)Be7	-59498.24 keV
O16(p,t+He3+α)Be7	-45522.97 keV	O16(p,3n+3p+α)Be7	-61722.81 keV
O16(p,p+d+t+α)Be7	-51016.45 keV	O16(p,p+2t+He3)Be7	-65336.84 keV
O16(p,n+d+He3+α)Be7	-51780.20 keV	O16(p,n+t+2He3)Be7	-66100.59 keV
O16(p,n+2p+t+α)Be7	-53241.01 keV	O16(p,2d+t+He3)Be7	-69369.50 keV
O16(p,2n+p+He3+α)Be7	-54004.77 keV	O16(p,2p+d+2t)Be7	-70830.31 keV
O16(p,3d+α)Be7	-55049.11 keV	O16(p,n+p+d+t+He3)Be7	-71594.07 keV

<< 7-N-14	**8-O-16**	12-Mg-24 >>
<< MT114 (p,d+2α)	**MT115 (p,p+d) or MT5 (N14 production)**	MT116 (p,p+t) >>

O16 (p,p+d) or N14 production log-log



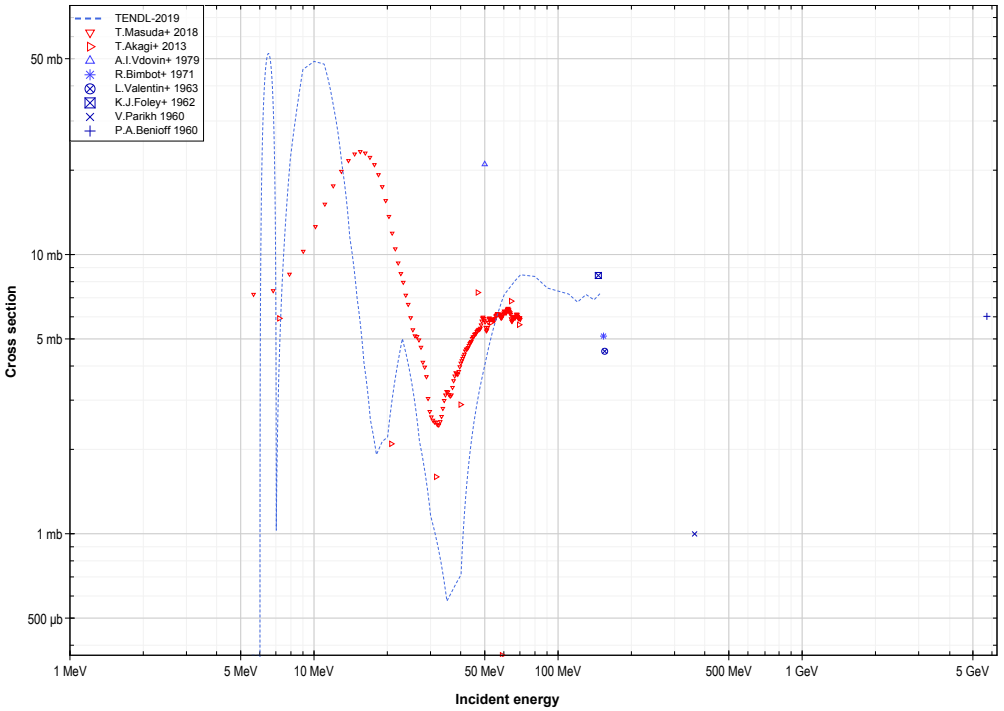
O16 (p,p+d) or N14 production lin-log



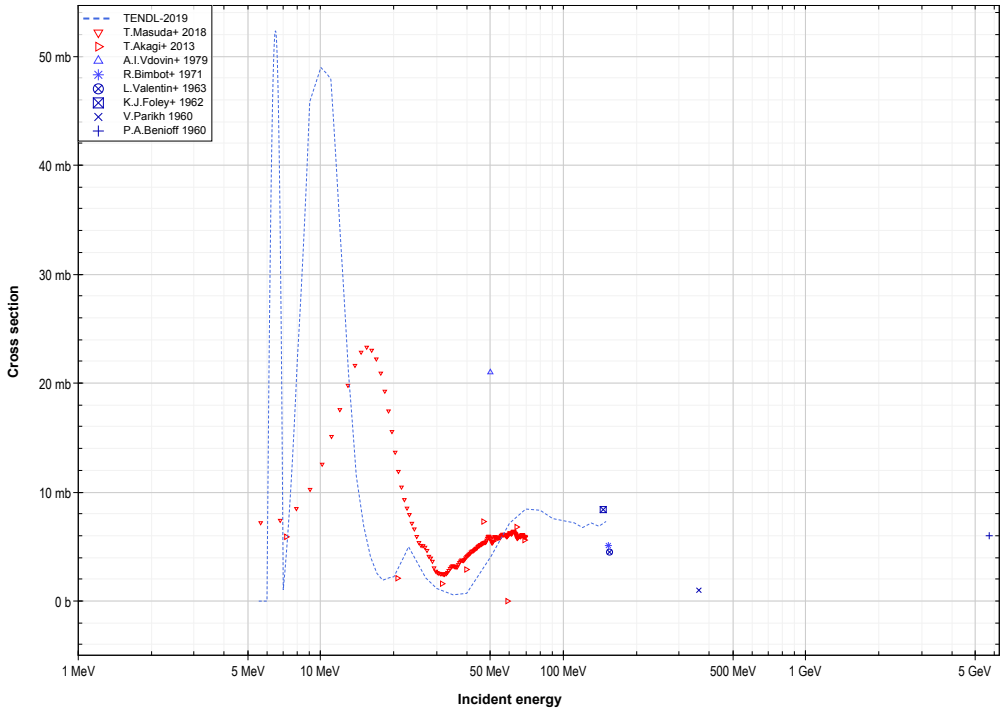
Reaction	Q-Value
O16(p,He3)N14	-15242.67 keV
O16(p,p+d)N14	-20736.14 keV
O16(p,n+2p)N14	-22960.71 keV

<< 7-N-14	**8-O-16**	12-Mg-25 >>
<< MT115 (p,p+d)	**MT116 (p,p+t) or MT5 (N13 production)**	MT117 (p,d+α) >>

O16 (p,p+t) or N13 production log-log



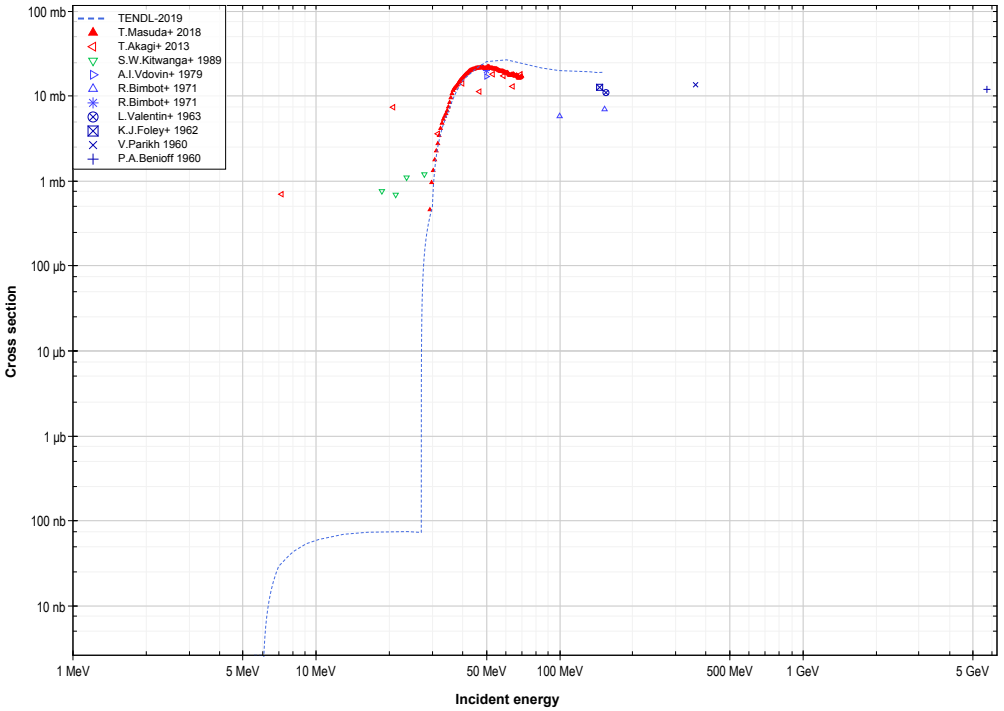
O16 (p,p+t) or N13 production lin-log



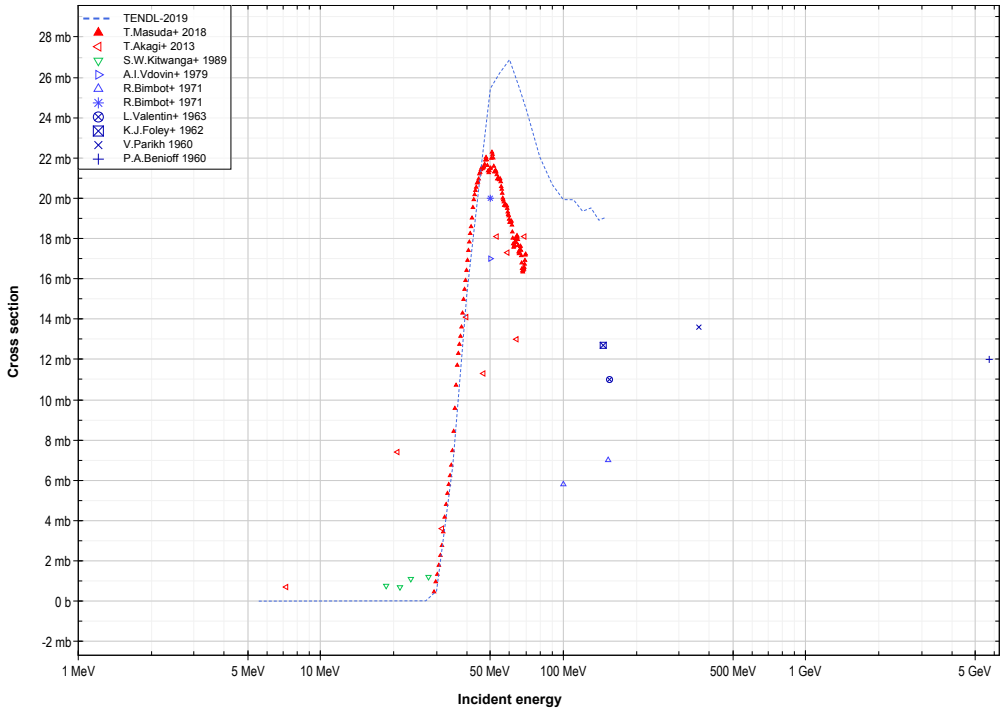
Reaction	Q-Value
O16(p,α)N13	-5218.43 keV
O16(p,p+t)N13	-25032.29 keV
O16(p,n+He3)N13	-25796.05 keV
O16(p,2d)N13	-29064.95 keV
O16(p,n+p+d)N13	-31289.52 keV
O16(p,2n+2p)N13	-33514.09 keV

<< 6-C-12	**8-O-16**	11-Na-23 >>
<< MT116 (p,p+t)	**MT117 (p,d+α) or MT5 (C11 production)**	MT155 (p,t+α) >>

O16 (p,d+α) or C11 production log-log



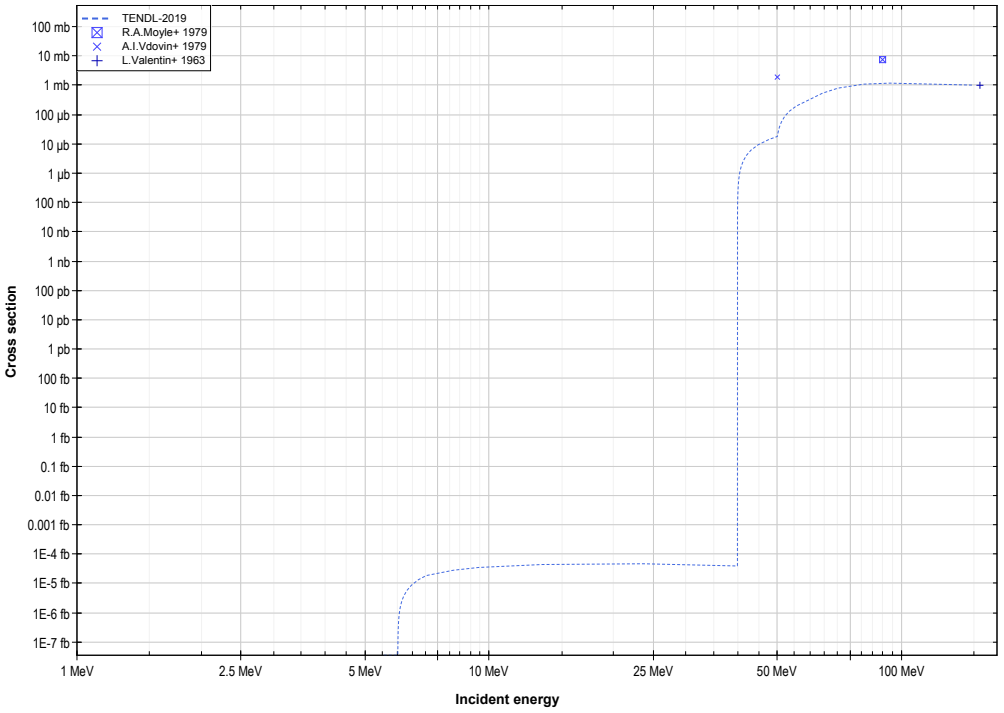
O16 (p,d+α) or C11 production lin-log



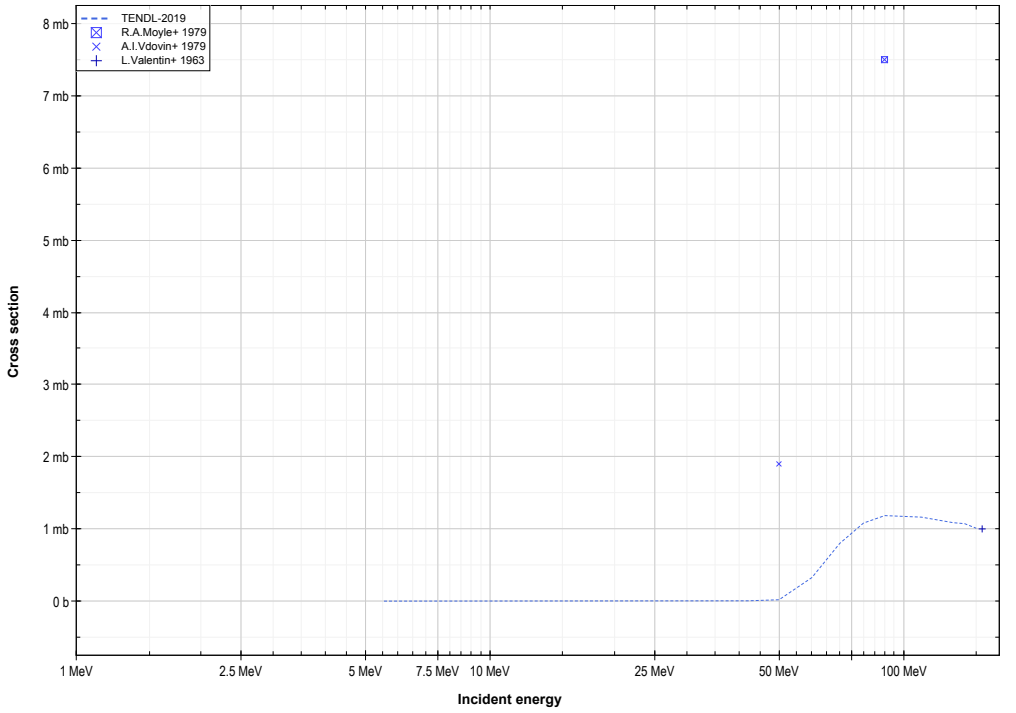
Reaction	Q-Value	Reaction	Q-Value
O16(p,d+α)C11	-23658.07 keV	O16(p,n+p+2d)C11	-49729.16 keV
O16(p,n+p+α)C11	-25882.63 keV	O16(p,2n+2p+d)C11	-51953.73 keV
O16(p,t+He3)C11	-37978.46 keV	O16(p,3n+3p)C11	-54178.29 keV
O16(p,p+d+t)C11	-43471.93 keV		
O16(p,n+d+He3)C11	-44235.69 keV		
O16(p,n+2p+t)C11	-45696.50 keV		
O16(p,2n+p+He3)C11	-46460.25 keV		
O16(p,3d)C11	-47504.60 keV		

	8-O-16	9-F-19 >>
<< MT117 (p,d+α)	**MT155 (p,t+α) or MT5 (C10 production)**	MT158 (p,n+d+α) >>

O16 (p,t+α) or C10 production log-log



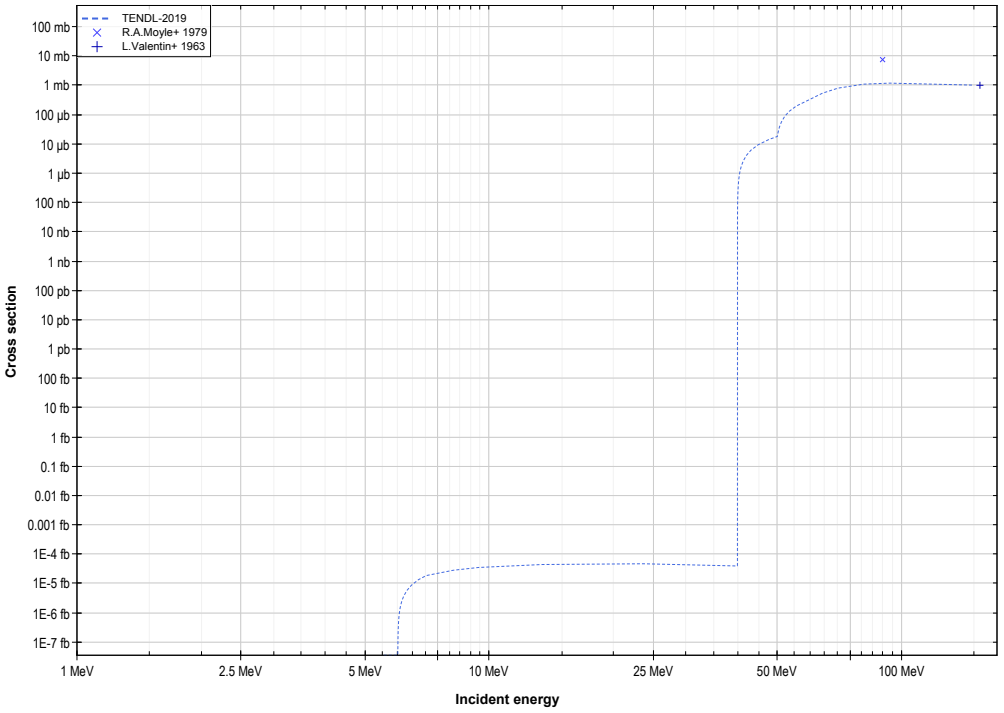
O16 (p,t+α) or C10 production lin-log



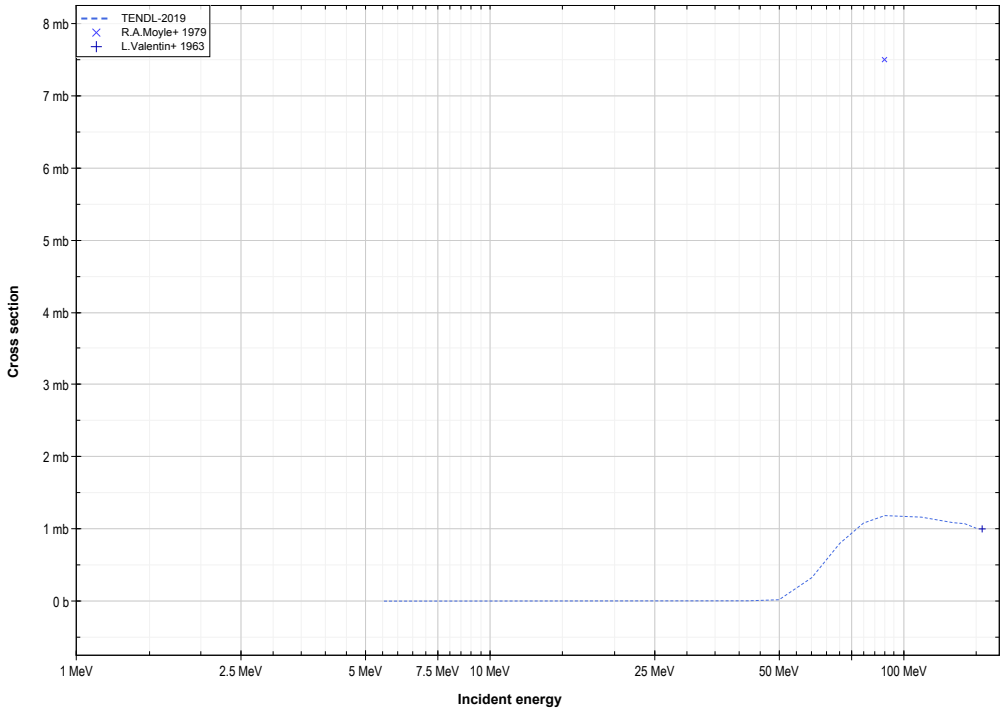
Reaction	Q-Value	Reaction	Q-Value
O16(p,t+α)C10	-30521.43 keV	O16(p,2n+2p+t)C10	-58817.09 keV
O16(p,n+d+α)C10	-36778.66 keV	O16(p,3n+p+He3)C10	-59580.84 keV
O16(p,2n+p+α)C10	-39003.22 keV	O16(p,n+3d)C10	-60625.18 keV
O16(p,p+2t)C10	-50335.29 keV	O16(p,2n+p+2d)C10	-62849.75 keV
O16(p,n+t+He3)C10	-51099.05 keV	O16(p,3n+2p+d)C10	-65074.31 keV
O16(p,2d+t)C10	-54367.95 keV	O16(p,4n+3p)C10	-67298.88 keV
O16(p,n+p+d+t)C10	-56592.52 keV		
O16(p,2n+d+He3)C10	-57356.27 keV		

	8-O-16	9-F-19 >>
<< MT155 (p,t+α)	**MT158 (p,n+d+α) or MT5 (C10 production)**	MT159 (p,2n+p+α) >>

O16 (p,n+d+α) or C10 production log-log



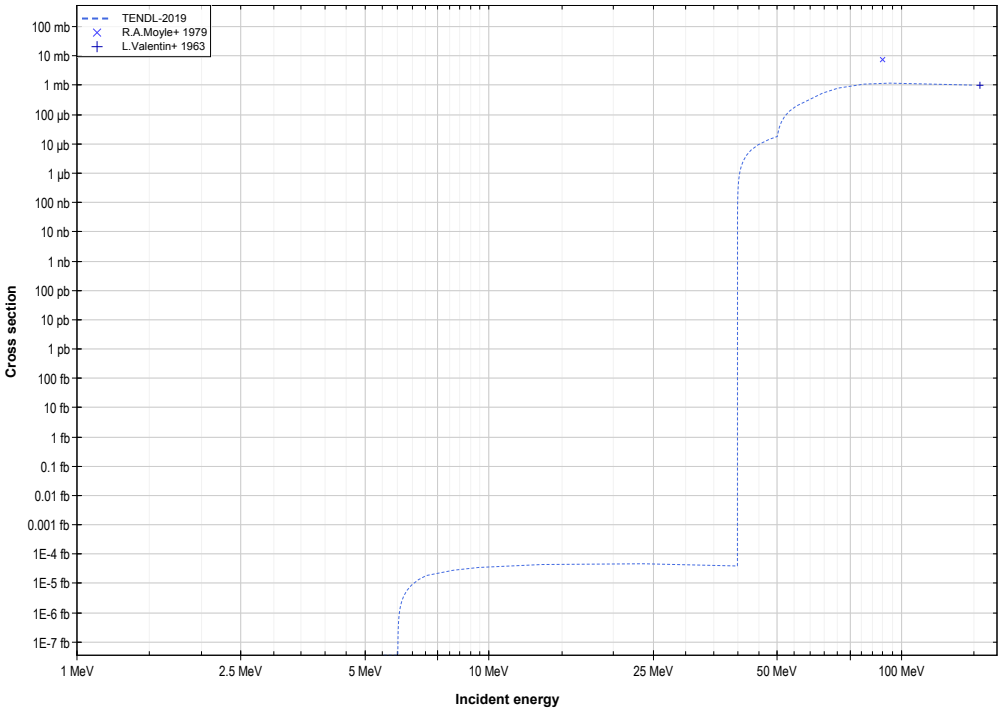
O16 (p,n+d+α) or C10 production lin-log



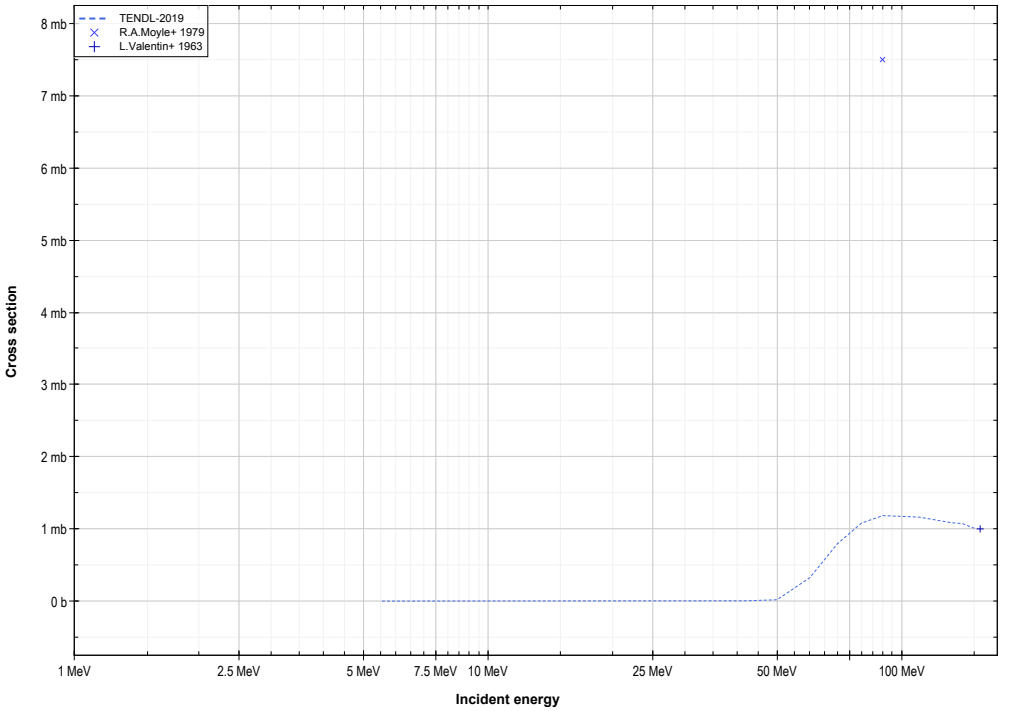
Reaction	Q-Value	Reaction	Q-Value
O16(p,t+α)C10	-30521.43 keV	O16(p,2n+2p+t)C10	-58817.09 keV
O16(p,n+d+α)C10	-36778.66 keV	O16(p,3n+p+He3)C10	-59580.84 keV
O16(p,2n+p+α)C10	-39003.22 keV	O16(p,n+3d)C10	-60625.18 keV
O16(p,p+2t)C10	-50335.29 keV	O16(p,2n+p+2d)C10	-62849.75 keV
O16(p,n+t+He3)C10	-51099.05 keV	O16(p,3n+2p+d)C10	-65074.31 keV
O16(p,2d+t)C10	-54367.95 keV	O16(p,4n+3p)C10	-67298.88 keV
O16(p,n+p+d+t)C10	-56592.52 keV		
O16(p,2n+d+He3)C10	-57356.27 keV		

	8-O-16	9-F-19 >>
<< MT158 (p,n+d+α)	**MT159 (p,2n+p+α) or MT5 (C10 production)**	MT183 (p,n+p+d) >>

O16 (p,2n+p+α) or C10 production log-log



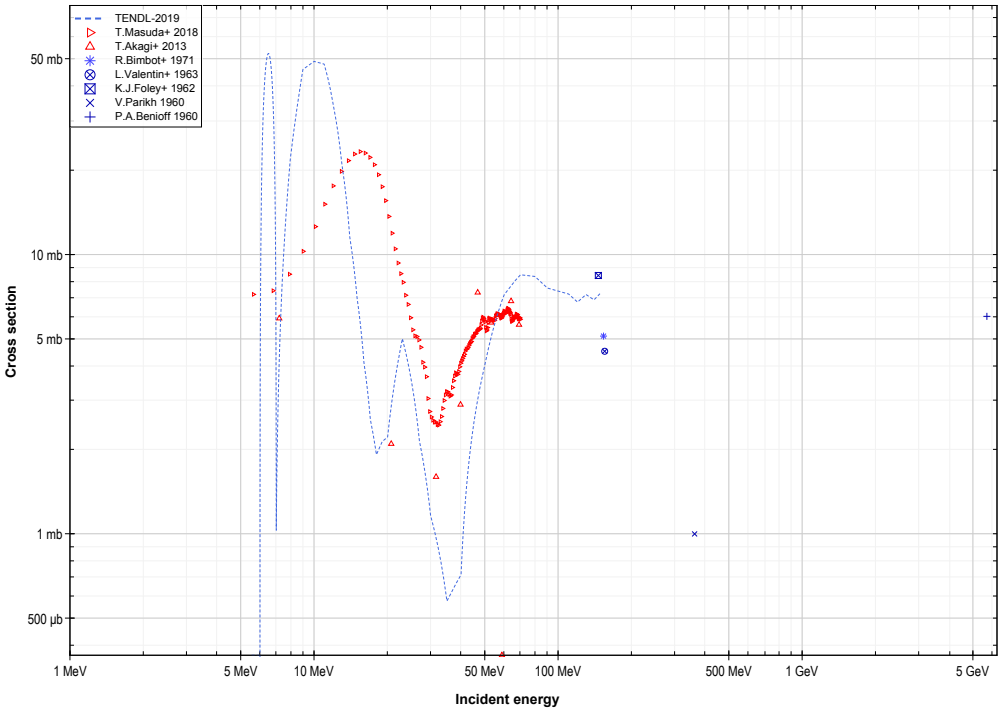
O16 (p,2n+p+α) or C10 production lin-log



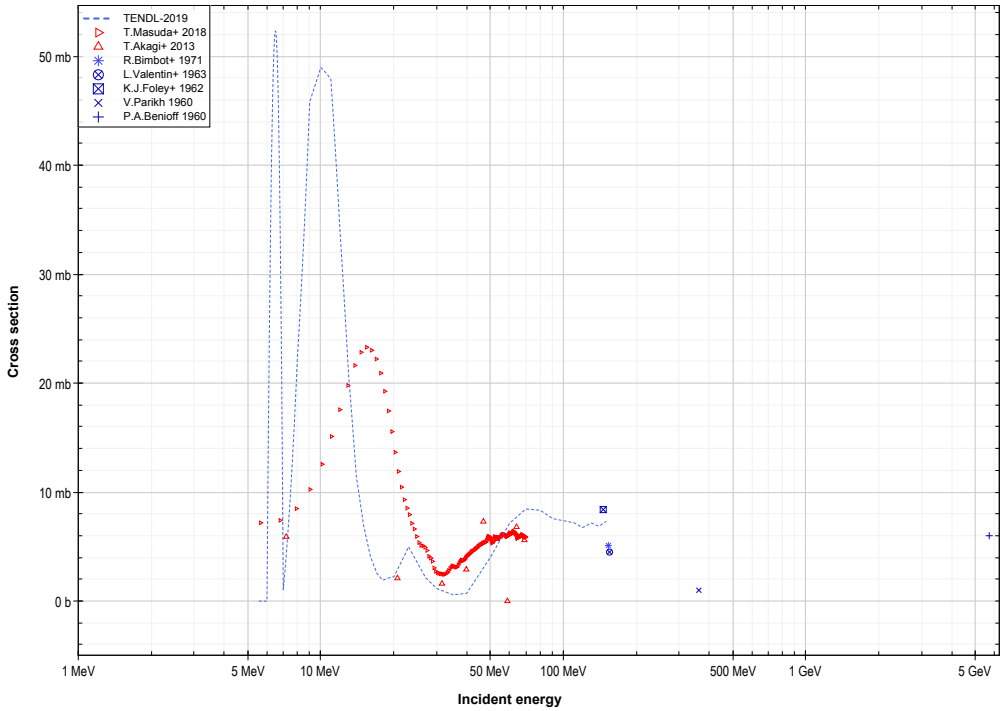
Reaction	Q-Value	Reaction	Q-Value
O16(p,t+α)C10	-30521.43 keV	O16(p,2n+2p+t)C10	-58817.09 keV
O16(p,n+d+α)C10	-36778.66 keV	O16(p,3n+p+He3)C10	-59580.84 keV
O16(p,2n+p+α)C10	-39003.22 keV	O16(p,n+3d)C10	-60625.18 keV
O16(p,p+2t)C10	-50335.29 keV	O16(p,2n+p+2d)C10	-62849.75 keV
O16(p,n+t+He3)C10	-51099.05 keV	O16(p,3n+2p+d)C10	-65074.31 keV
O16(p,2d+t)C10	-54367.95 keV	O16(p,4n+3p)C10	-67298.88 keV
O16(p,n+p+d+t)C10	-56592.52 keV		
O16(p,2n+d+He3)C10	-57356.27 keV		

<< 7-N-14	**8-O-16**	12-Mg-25 >>
<< MT159 (p,2n+p+α)	**MT183 (p,n+p+d) or MT5 (N13 production)**	MT187 (p,n+d+³He) >>

O16 (p,n+p+d) or N13 production log-log



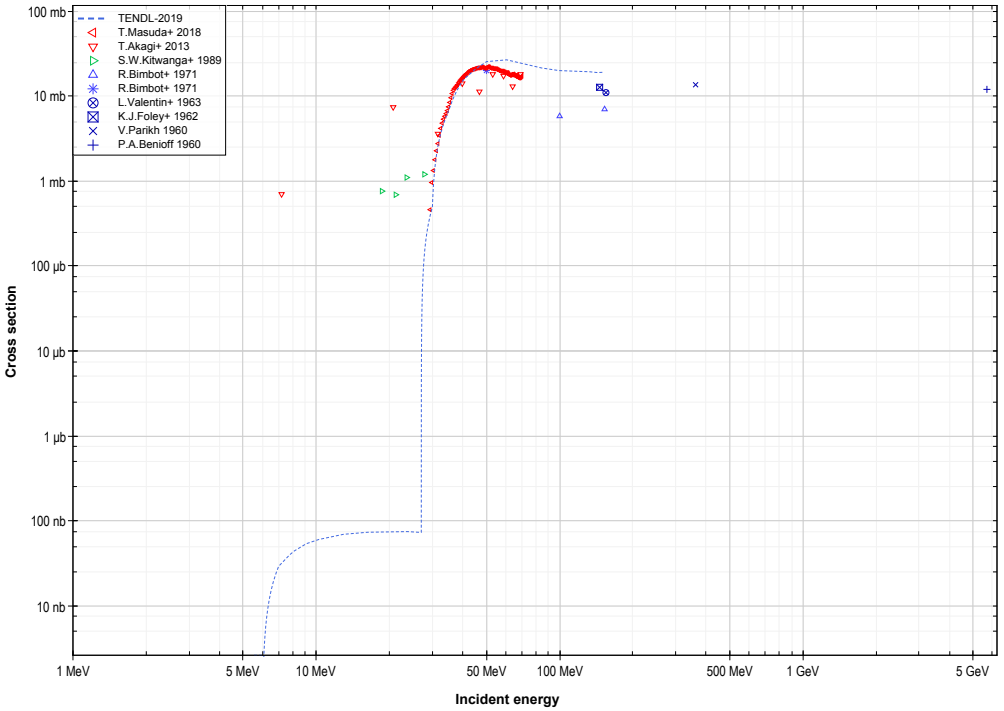
O16 (p,n+p+d) or N13 production lin-log



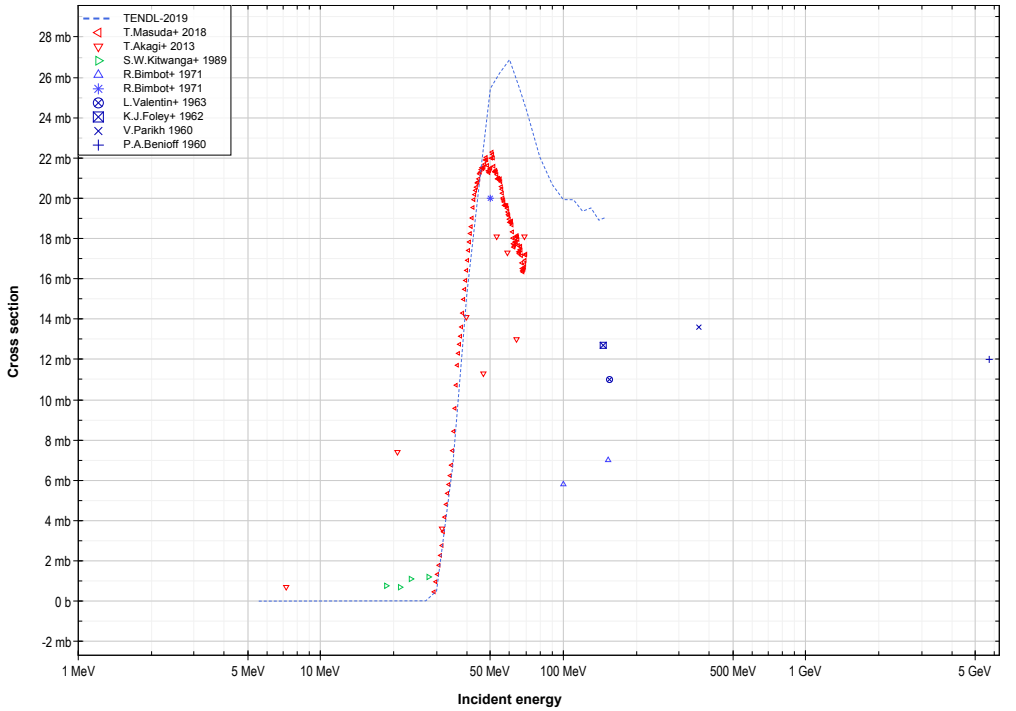
Reaction	Q-Value
O16(p,α)N13	-5218.43 keV
O16(p,p+t)N13	-25032.29 keV
O16(p,n+He3)N13	-25796.05 keV
O16(p,2d)N13	-29064.95 keV
O16(p,n+p+d)N13	-31289.52 keV
O16(p,2n+2p)N13	-33514.09 keV

<< 6-C-12	**8-O-16**	11-Na-23 >>
<< MT183 (p,n+p+d)	**MT187 (p,n+d+³He) or MT5 (C11 production)**	MT188 (p,n+t+³He) >>

O16 (p,n+d+³He) or C11 production log-log



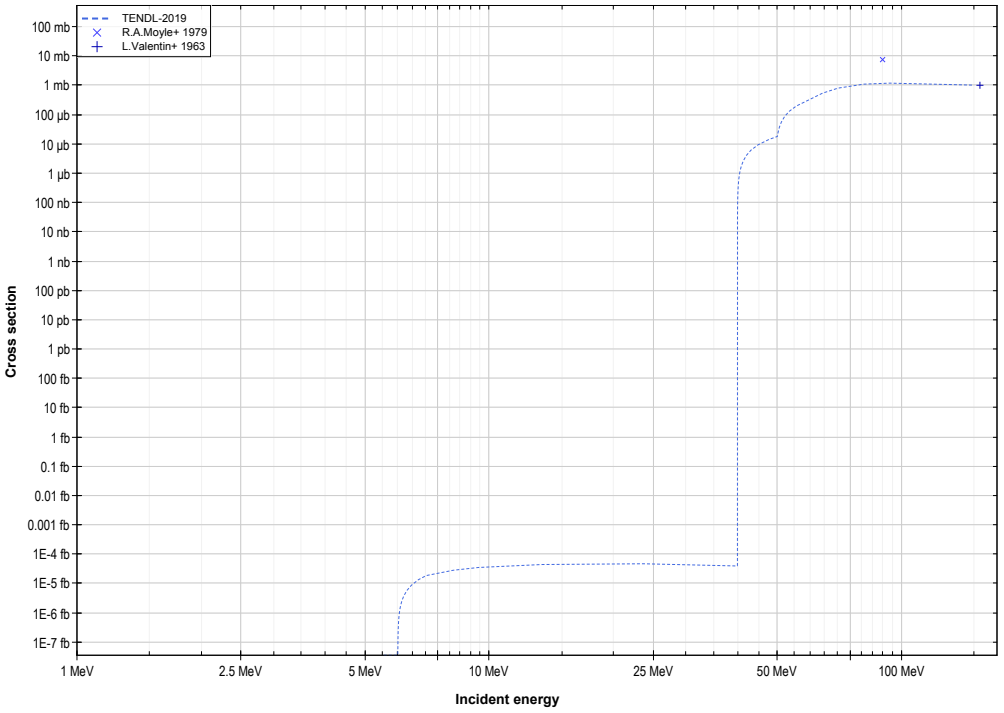
O16 (p,n+d+³He) or C11 production lin-log



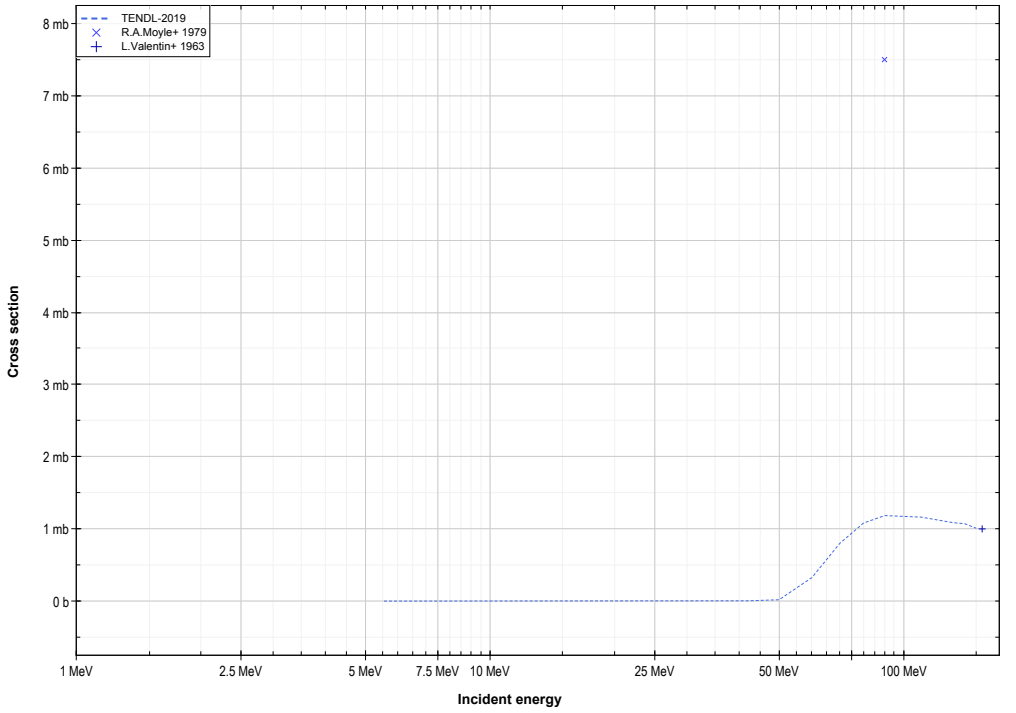
Reaction	Q-Value	Reaction	Q-Value
O16(p,d+α)C11	-23658.07 keV	O16(p,n+p+2d)C11	-49729.16 keV
O16(p,n+p+α)C11	-25882.63 keV	O16(p,2n+2p+d)C11	-51953.73 keV
O16(p,t+He3)C11	-37978.46 keV	O16(p,3n+3p)C11	-54178.29 keV
O16(p,p+d+t)C11	-43471.93 keV		
O16(p,n+d+He3)C11	-44235.69 keV		
O16(p,n+2p+t)C11	-45696.50 keV		
O16(p,2n+p+He3)C11	-46460.25 keV		
O16(p,3d)C11	-47504.60 keV		

	8-O-16	9-F-19 >>
<< MT187 (p,n+d+^{3}He)	**MT188 (p,n+t+^{3}He) or MT5 (C10 production)**	MT190 (p,2n+2p) >>

O16 (p,n+t+^{3}He) or C10 production log-log



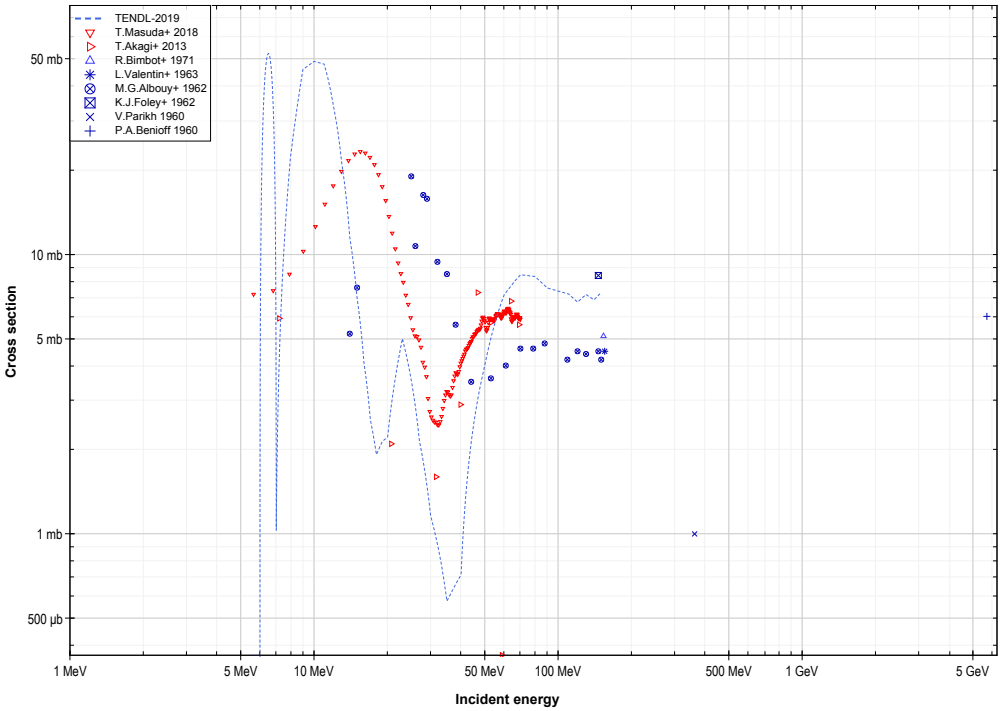
O16 (p,n+t+^{3}He) or C10 production lin-log



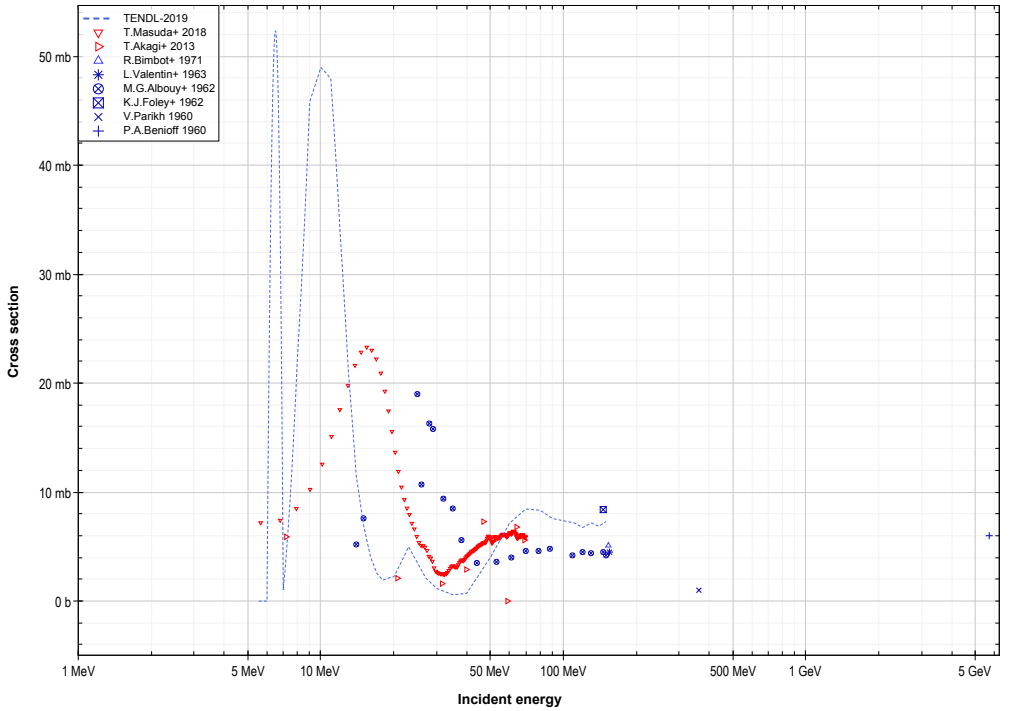
Reaction	Q-Value	Reaction	Q-Value
O16(p,t+α)C10	-30521.43 keV	O16(p,2n+2p+t)C10	-58817.09 keV
O16(p,n+d+α)C10	-36778.66 keV	O16(p,3n+p+He3)C10	-59580.84 keV
O16(p,2n+p+α)C10	-39003.22 keV	O16(p,n+3d)C10	-60625.18 keV
O16(p,p+2t)C10	-50335.29 keV	O16(p,2n+p+2d)C10	-62849.75 keV
O16(p,n+t+He3)C10	-51099.05 keV	O16(p,3n+2p+d)C10	-65074.31 keV
O16(p,2d+t)C10	-54367.95 keV	O16(p,4n+3p)C10	-67298.88 keV
O16(p,n+p+d+t)C10	-56592.52 keV		
O16(p,2n+d+He3)C10	-57356.27 keV		

<< 7-N-14	**8-O-16**	12-Mg-25 >>
<< MT188 (p,n+t+^{3}He)	**MT190 (p,2n+2p) or MT5 (N13 production)**	MT191 (p,p+^{3}He) >>

O16 (p,2n+2p) or N13 production log-log



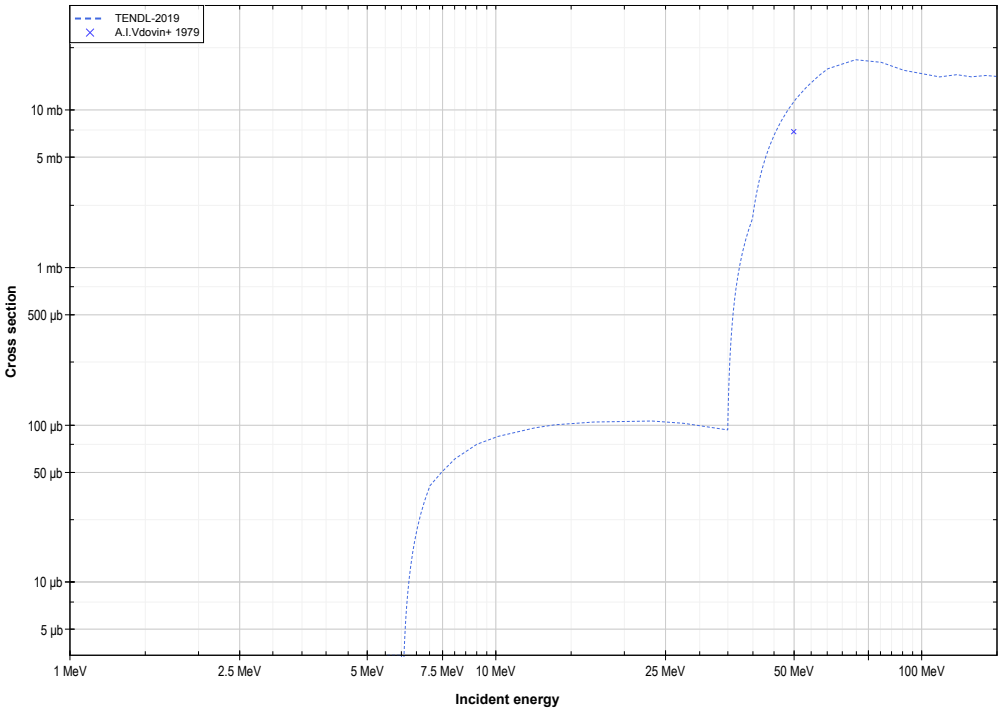
O16 (p,2n+2p) or N13 production lin-log



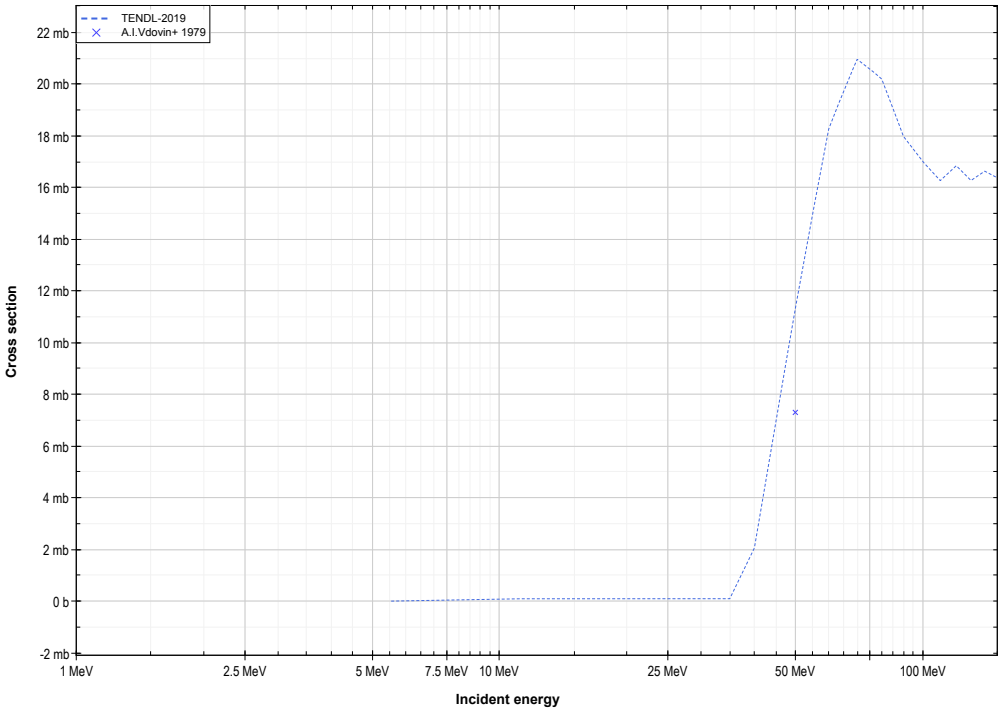
Reaction	Q-Value
O16(p,α)N13	-5218.43 keV
O16(p,p+t)N13	-25032.29 keV
O16(p,n+He3)N13	-25796.05 keV
O16(p,2d)N13	-29064.95 keV
O16(p,n+p+d)N13	-31289.52 keV
O16(p,2n+2p)N13	-33514.09 keV

<< 7-N-14	**8-O-16**	13-Al-27 >>
<< MT190 (p,2n+2p)	**MT191 (p,p+³He) or MT5 (C13 production)**	MT192 (p,d+³He) >>

O16 (p,p+³He) or C13 production log-log

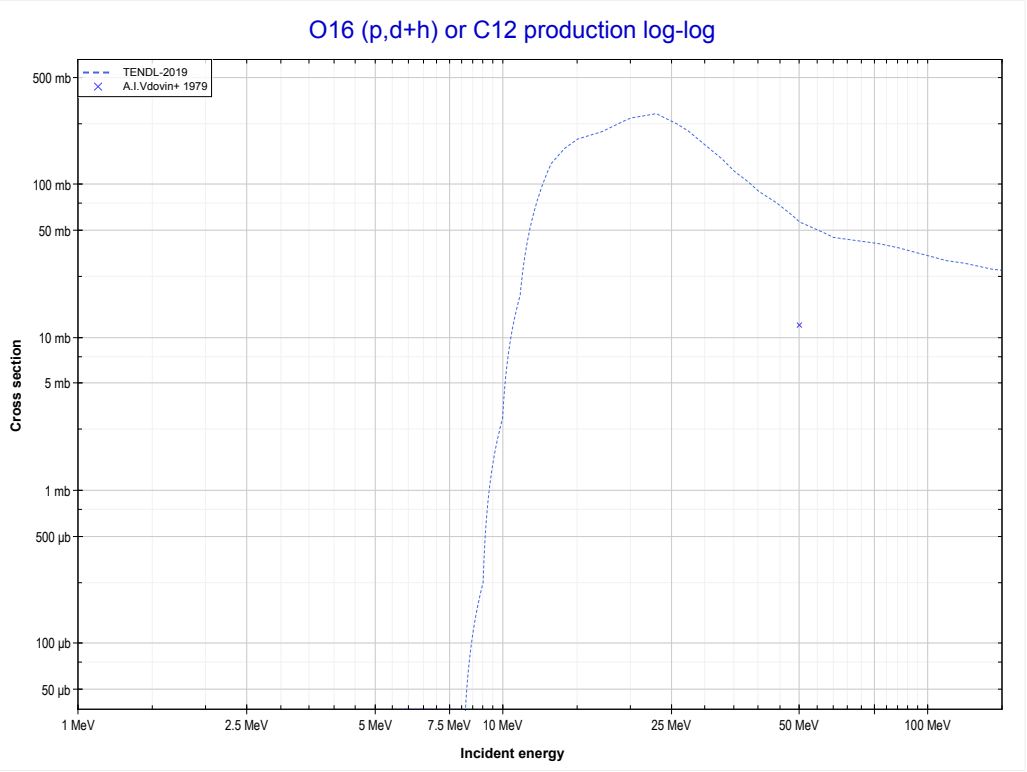


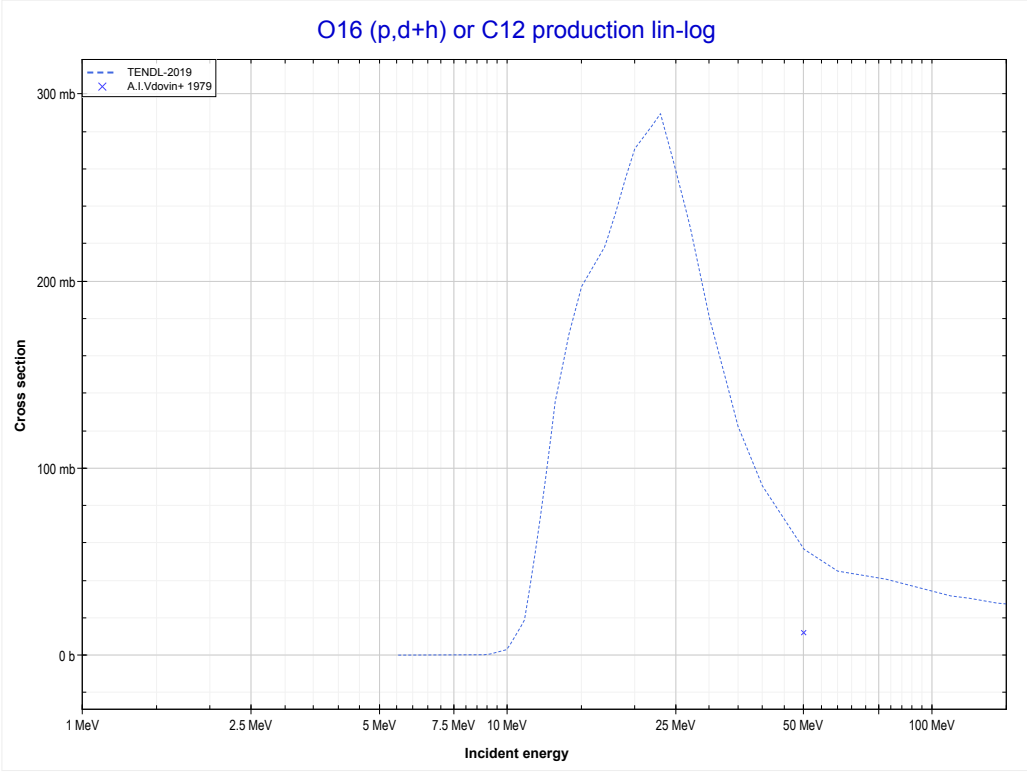
O16 (p,p+³He) or C13 production lin-log



Reaction	Q-Value
O16(p,p+He3)C13	-22793.23 keV
O16(p,2p+d)C13	-28286.70 keV
O16(p,n+3p)C13	-30511.27 keV

<< 7-N-14	**8-O-16**	14-Si-28 >>
<< MT191 (p,p+^{3}He)	**MT192 (p,d+^{3}He) or MT5 (C12 production)**	MT193 (p,^{3}He+α) >>

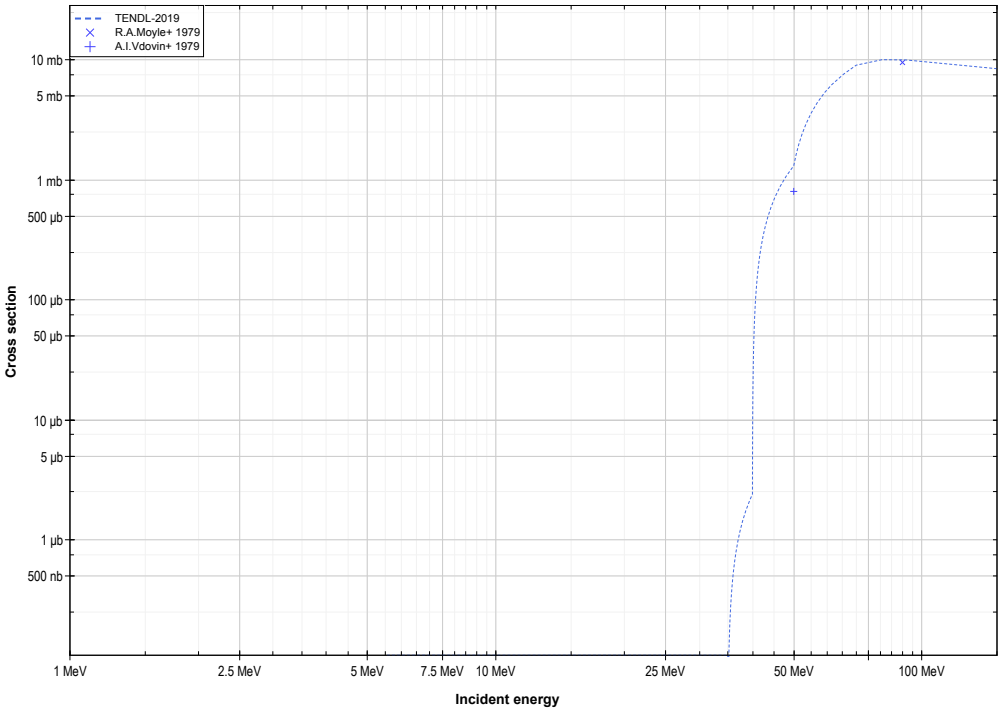




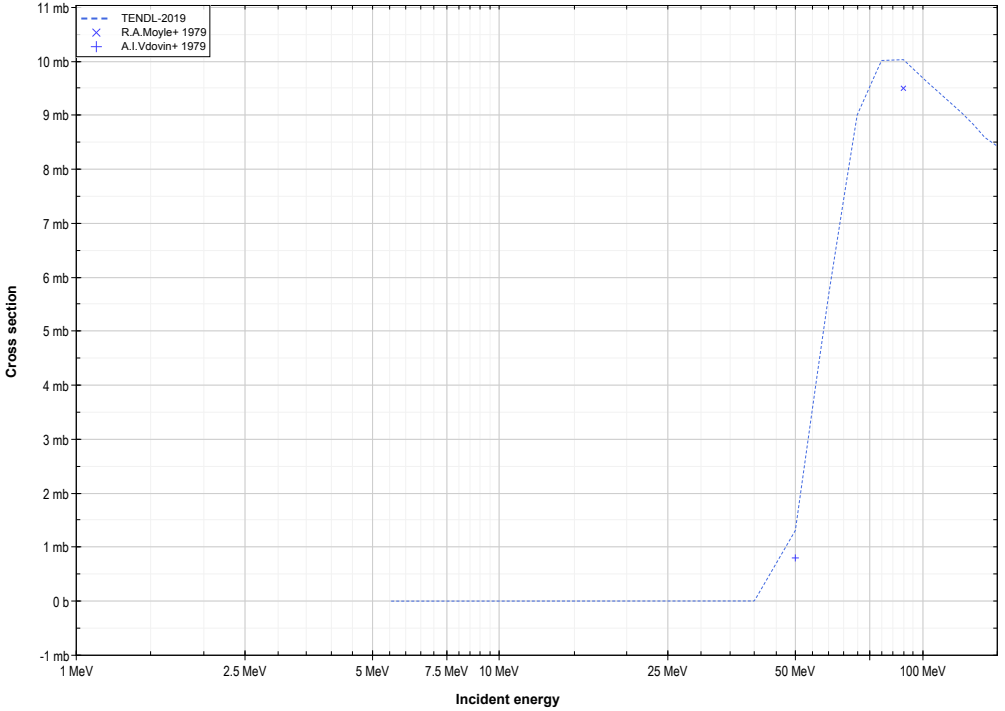
Reaction	Q-Value
O16(p,p+α)C12	-7161.92 keV
O16(p,d+He3)C12	-25514.97 keV
O16(p,2p+t)C12	-26975.78 keV
O16(p,n+p+He3)C12	-27739.54 keV
O16(p,p+2d)C12	-31008.44 keV
O16(p,n+2p+d)C12	-33233.01 keV
O16(p,2n+3p)C12	-35457.58 keV

<< 6-C-12	**8-O-16**	12-Mg-24 >>
<< MT192 (p,d+³He)	**MT193 (p,³He+α) or MT5 (B10 production)**	MT197 (p,3p) >>

O16 (p,³He+α) or B10 production log-log

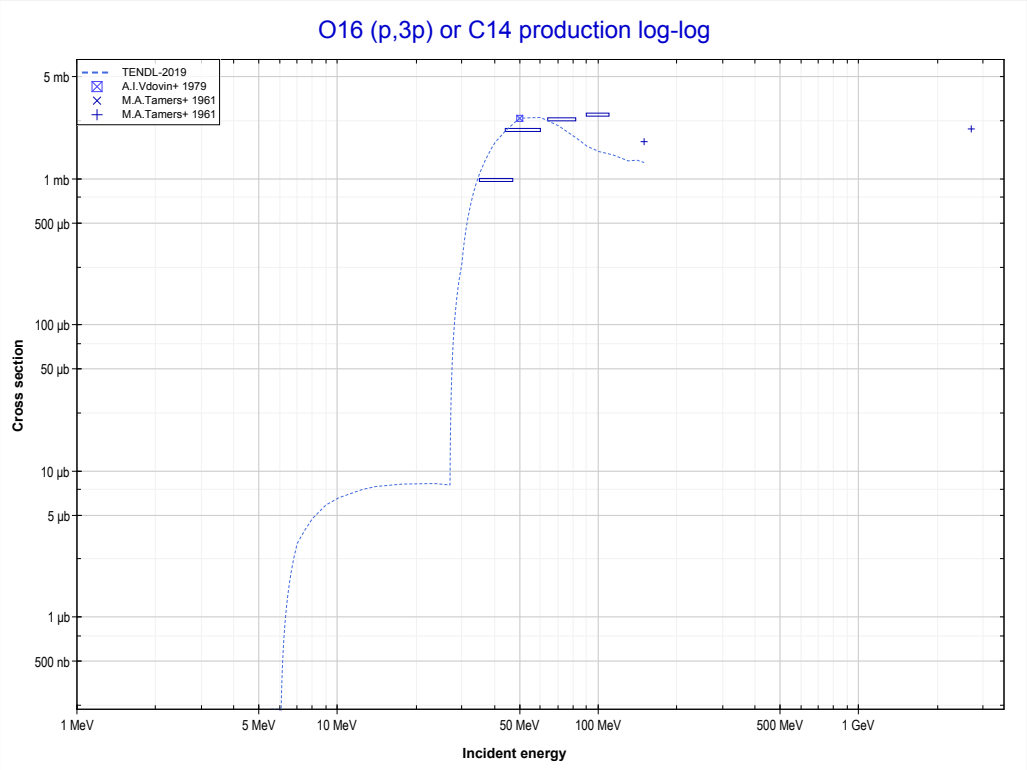


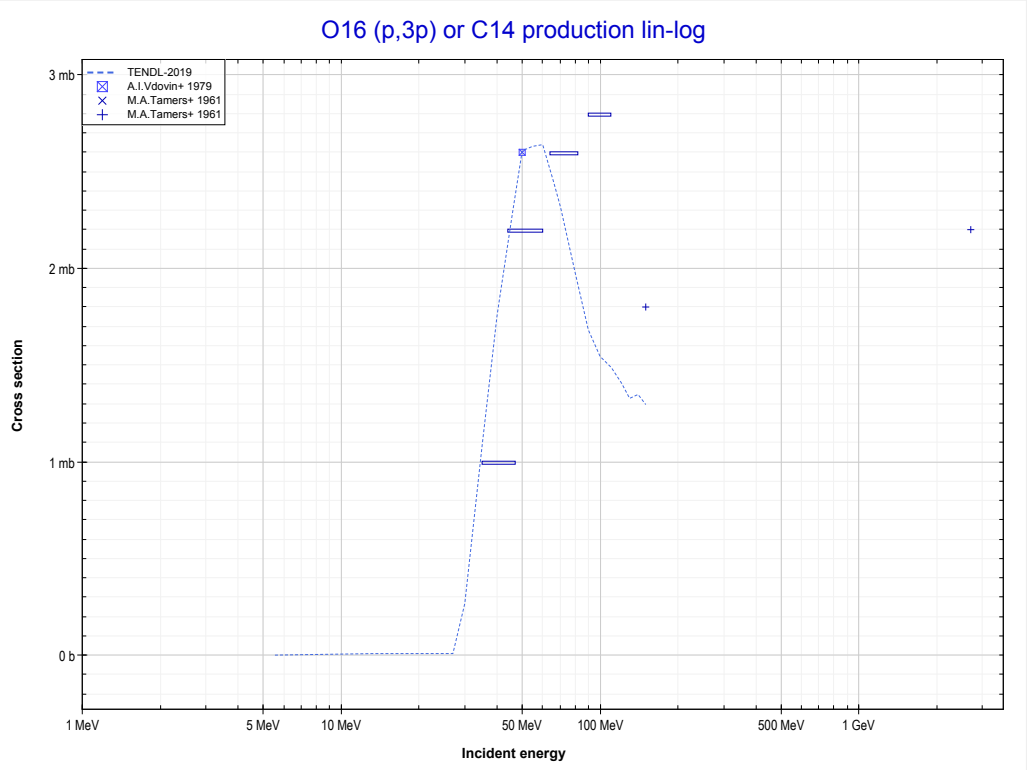
O16 (p,³He+α) or B10 production lin-log



Reaction	Q-Value	Reaction	Q-Value
O16(p,He3+α)B10	-26854.77 keV	O16(p,n+3p+t)B10	-54386.68 keV
O16(p,p+d+α)B10	-32348.25 keV	O16(p,2n+2p+He3)B10	-55150.43 keV
O16(p,n+2p+α)B10	-34572.81 keV	O16(p,p+3d)B10	-56194.78 keV
O16(p,p+t+He3)B10	-46668.64 keV	O16(p,n+2p+2d)B10	-58419.34 keV
O16(p,n+2He3)B10	-47432.39 keV	O16(p,2n+3p+d)B10	-60643.91 keV
O16(p,2d+He3)B10	-50701.30 keV	O16(p,3n+4p)B10	-62868.47 keV
O16(p,2p+d+t)B10	-52162.11 keV		
O16(p,n+p+d+He3)B10	-52925.87 keV		

<< 6-C-12	**8-O-16**	8-O-18 >>
<< MT193 (p,³He+α)	**MT197 (p,3p) or MT5 (C14 production)**	8-O-17 MT4 (p,n) >>

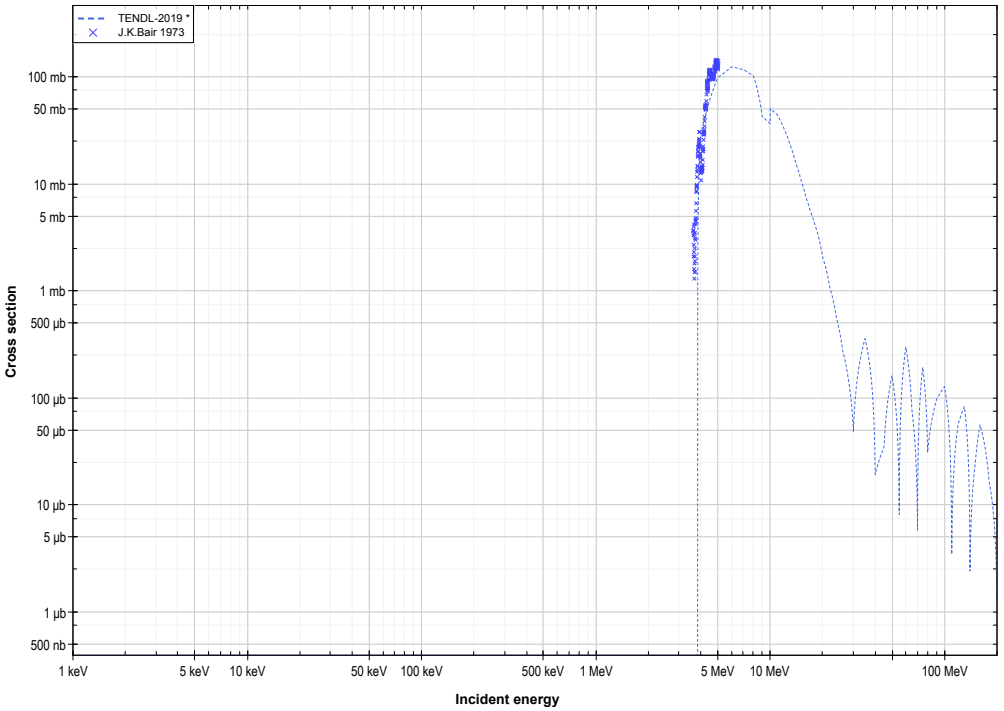




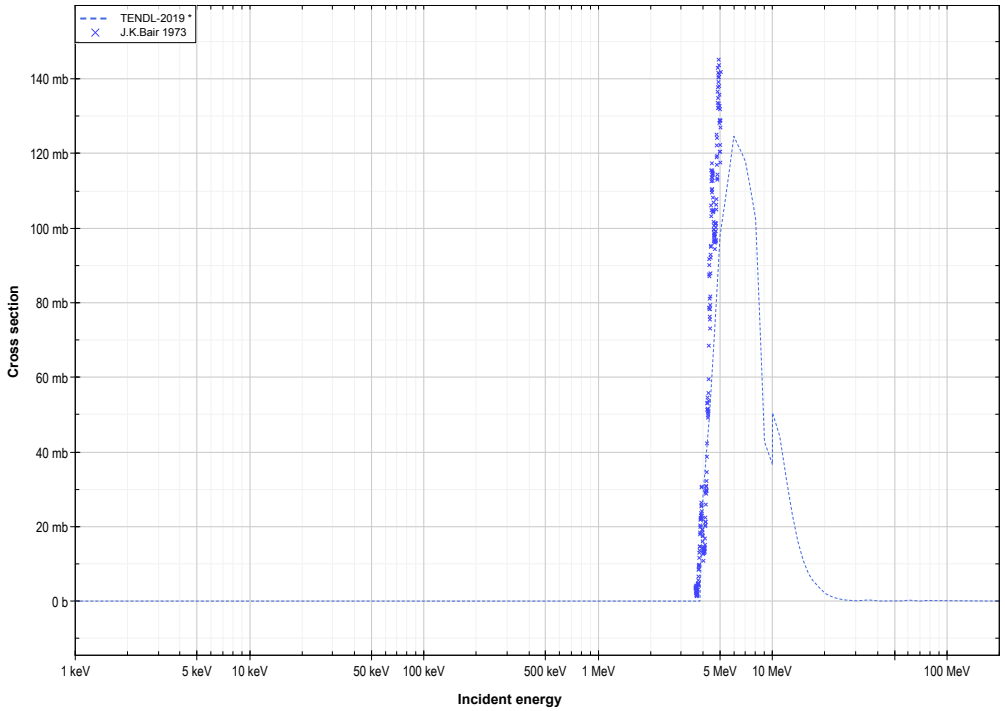
Reaction	Q-Value
O16(p,3p)C14	-22334.84 keV

<< 7-N-15	**8-O-17**	8-O-18 >>
<< 8-O-16 MT197 (p,3p)	**MT4 (p,n) or MT5 (F17 production)**	MT102 (p,γ) >>

O17 (p,n) or F17 production log-log



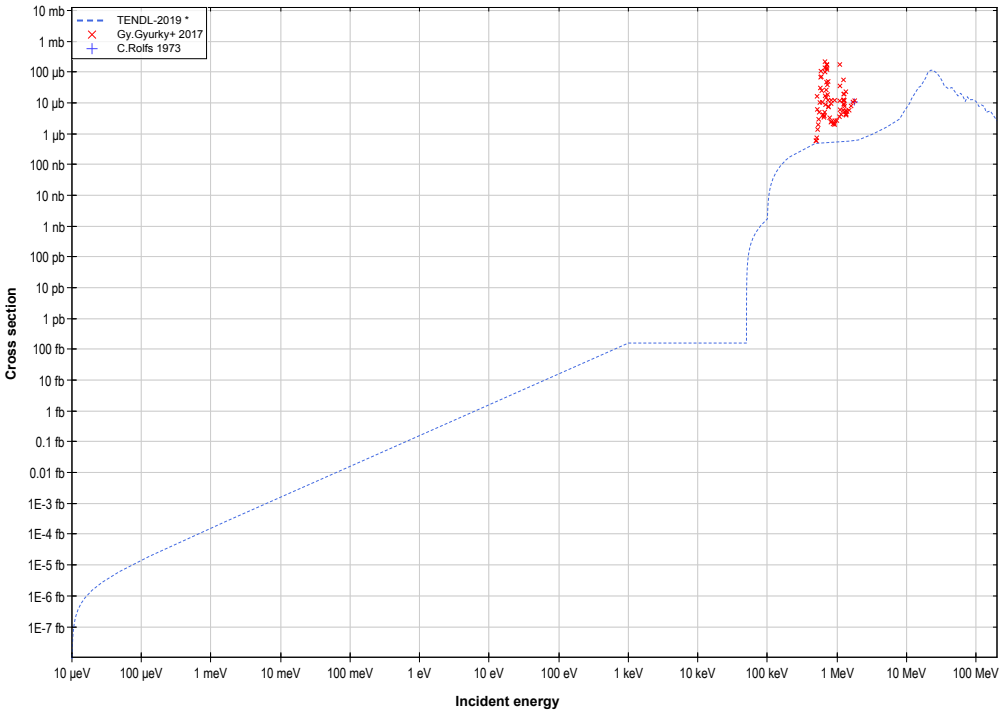
O17 (p,n) or F17 production lin-log



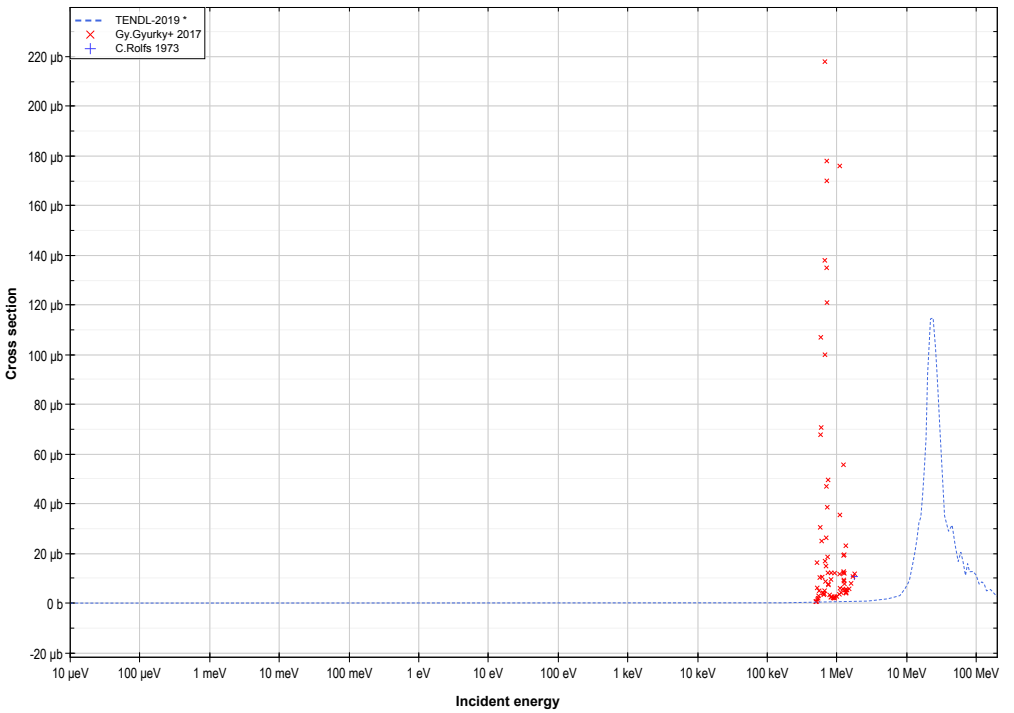
Reaction	Q-Value
O17(p,n)F17	-3542.81 keV

<< 7-N-15	**8-O-17**	9-F-19 >>
<< MT4 (p,n)	**MT102 (p,γ) or MT5 (F18 production)**	8-O-18 MT4 (p,n) >>

O17 (p,γ) or F18 production log-log



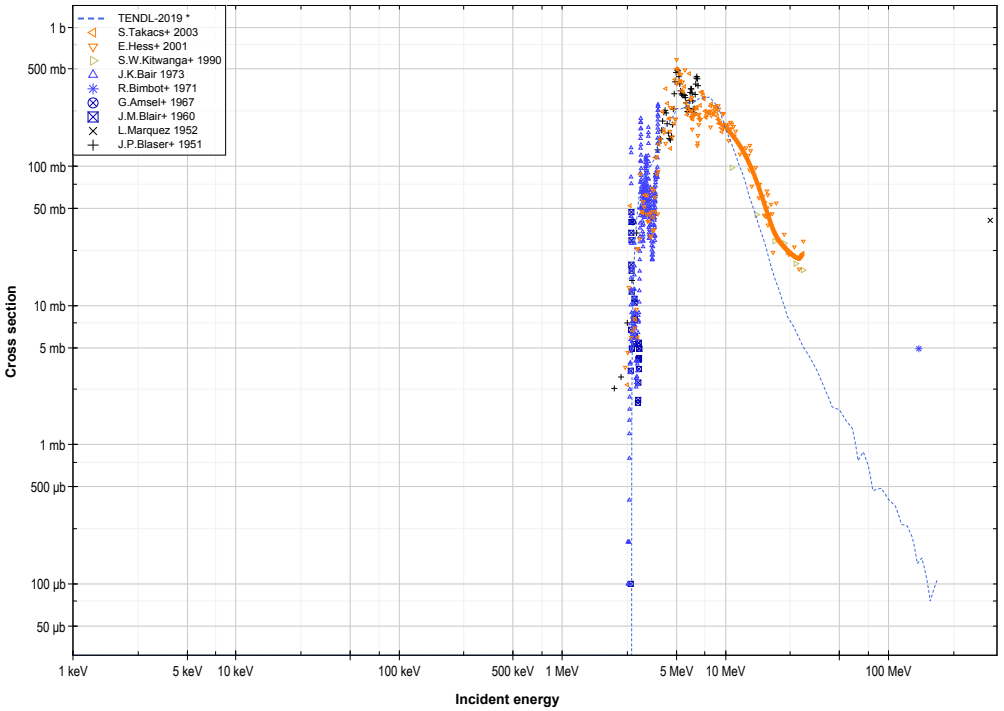
O17 (p,γ) or F18 production lin-log



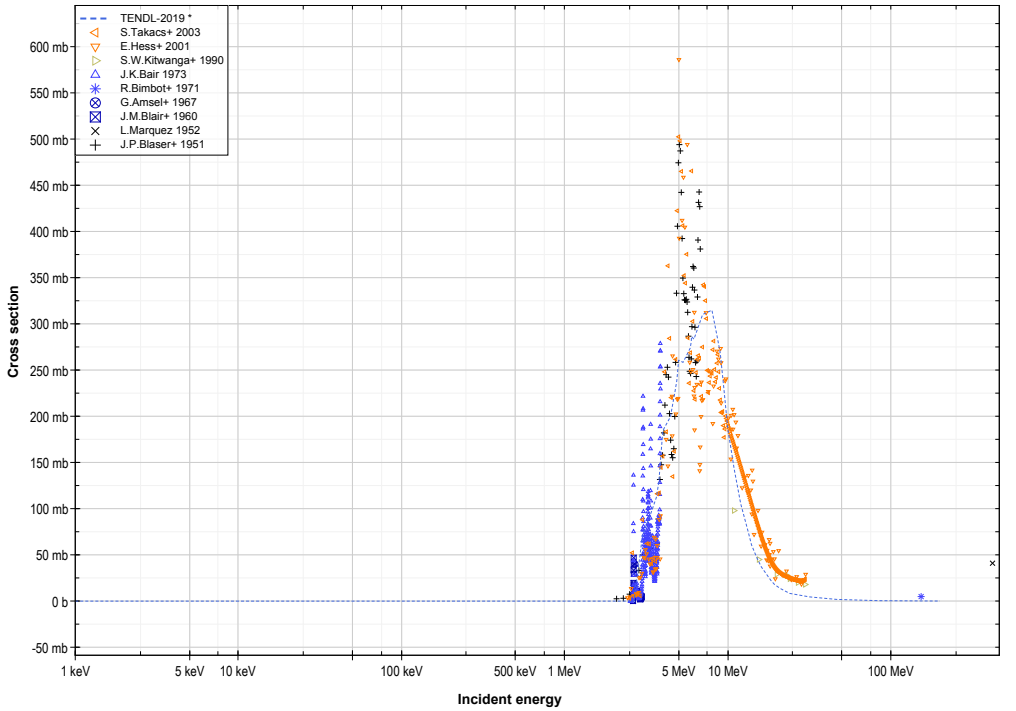
Reaction	Q-Value
O17(p,γ)F18	5607.11 keV

<< 8-O-17	**8-O-18**	9-F-19 >>
<< 8-O-17 MT102 (p,γ)	**MT4 (p,n) or MT5 (F18 production)**	MT24 (p,2n+α) >>

O18 (p,n) or F18 production log-log



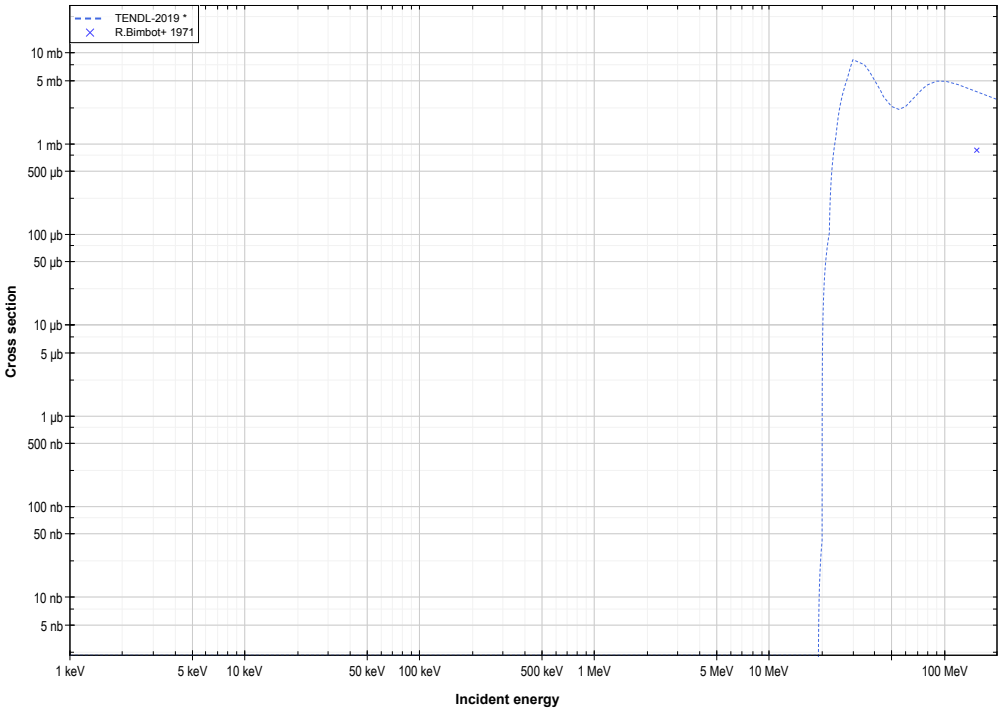
O18 (p,n) or F18 production lin-log



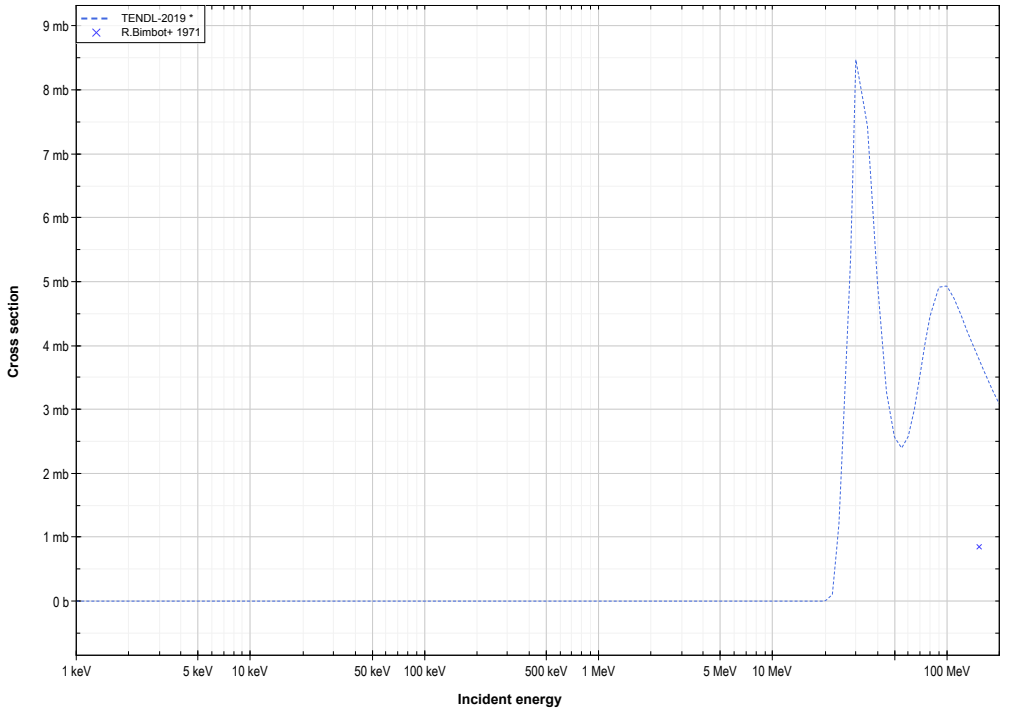
Reaction	Q-Value
O18(p,n)F18	-2438.26 keV

	8-O-18	9-F-19 >>
<< MT4 (p,n)	**MT24 (p,2n+α) or MT5 (N13 production)**	MT36 (p,n+t+2α) >>

O18 (p,2n+α) or N13 production log-log



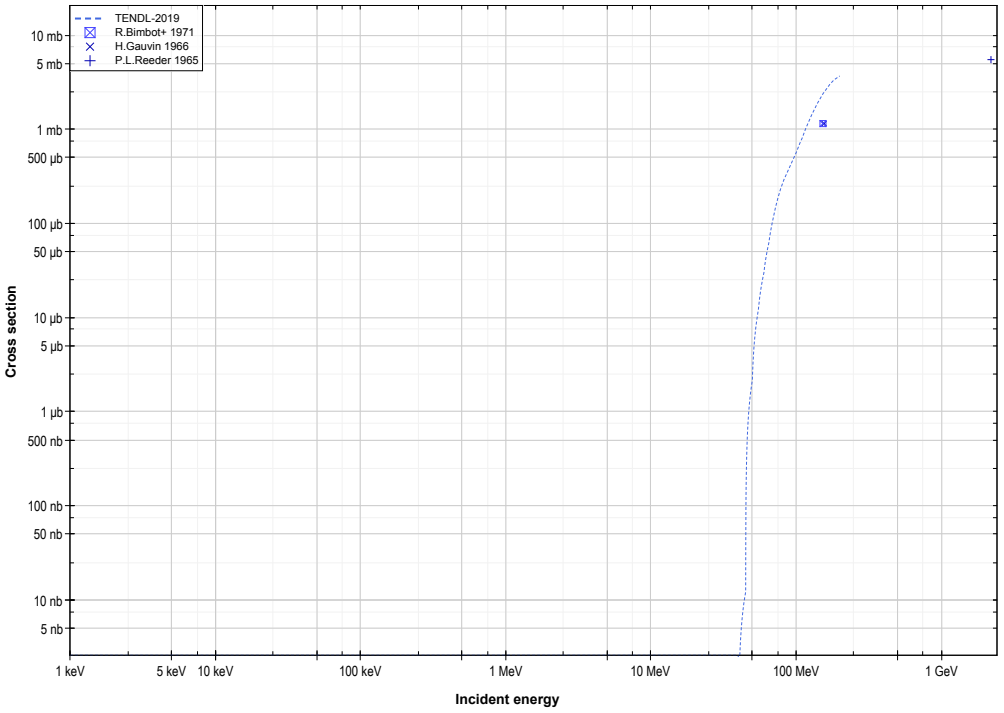
O18 (p,2n+α) or N13 production lin-log



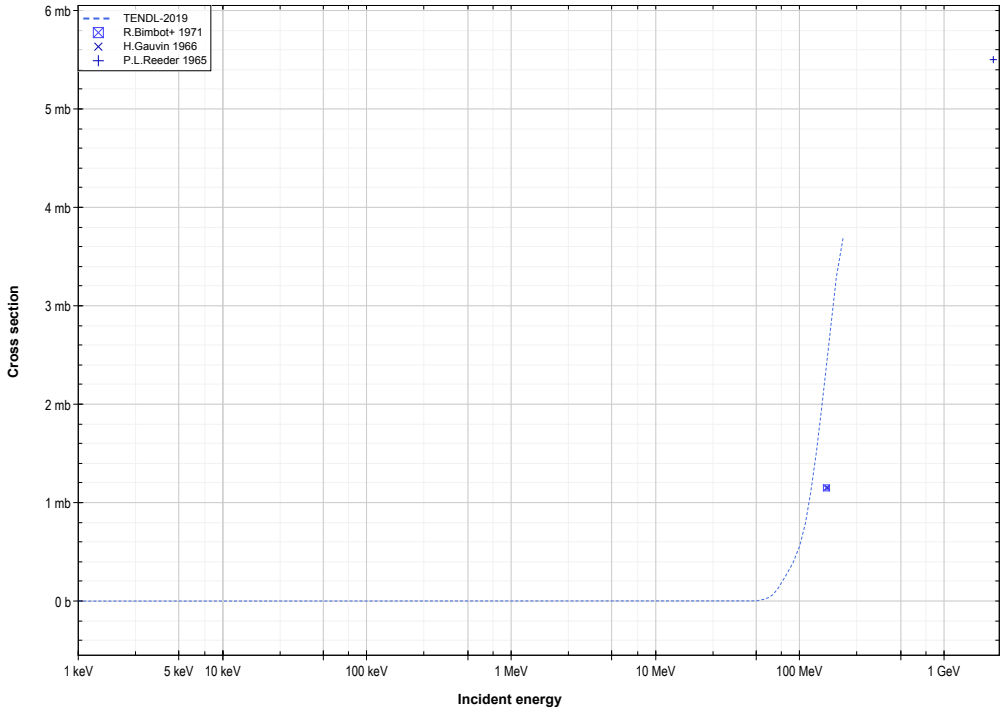
Reaction	Q-Value
O18(p,2n+α)N13	-17406.87 keV
O18(p,2t)N13	-28738.94 keV
O18(p,n+d+t)N13	-34996.17 keV
O18(p,2n+p+t)N13	-37220.74 keV
O18(p,3n+He3)N13	-37984.49 keV
O18(p,2n+2d)N13	-41253.40 keV
O18(p,3n+p+d)N13	-43477.97 keV
O18(p,4n+2p)N13	-45702.53 keV

	8-O-18	27-Co-59 >>
<< MT24 (p,2n+α)	**MT36 (p,n+t+2α) or MT5 (Be7 production)**	MT107 (p,α) >>

O18 (p,n+t+2α) or Be7 production log-log



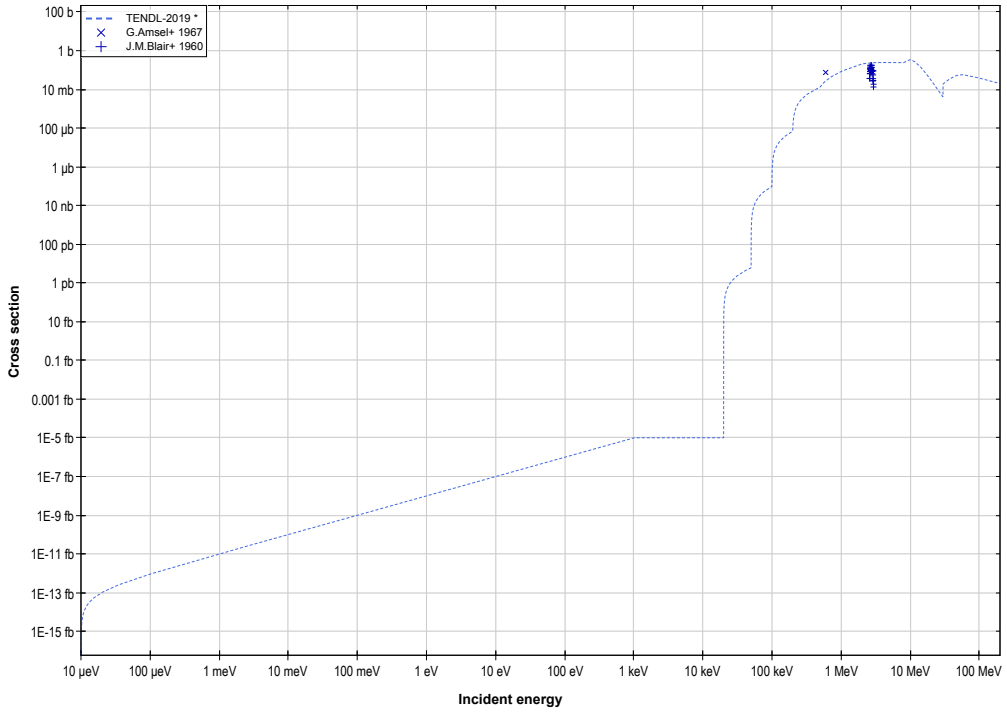
O18 (p,n+t+2α) or Be7 production lin-log



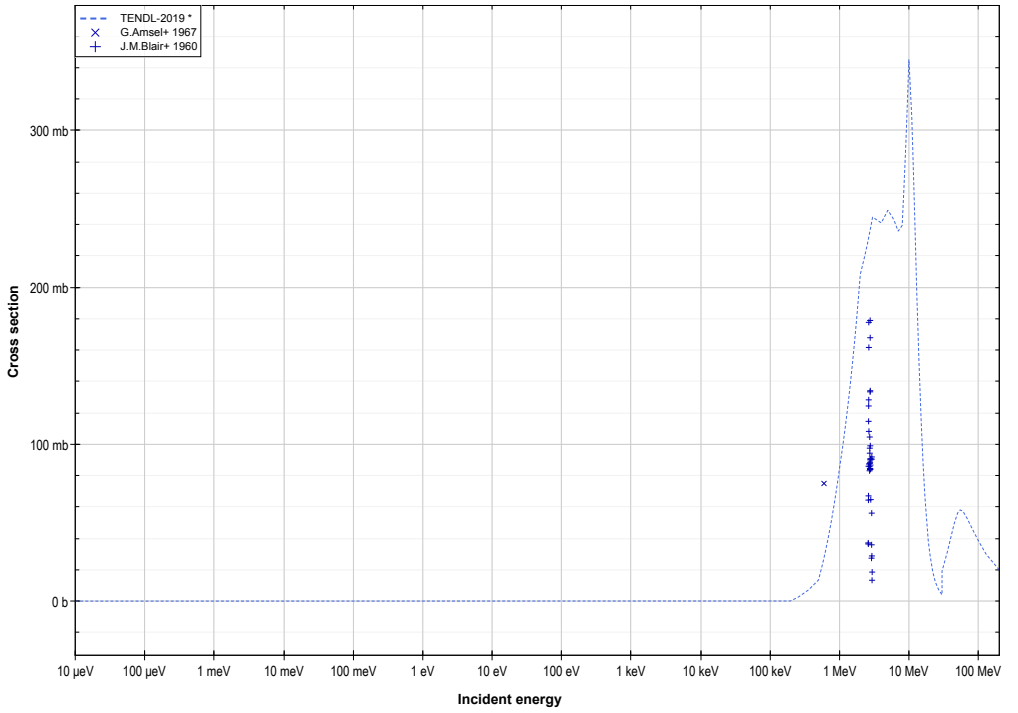
Reaction	Q-Value	Reaction	Q-Value
O18(p,n+t+2α)Be7	-37133.80 keV	O18(p,3n+d+He3+α)Be7	-63968.65 keV
O18(p,2n+d+2α)Be7	-43391.03 keV	O18(p,3n+2p+t+α)Be7	-65429.46 keV
O18(p,3n+p+2α)Be7	-45615.60 keV	O18(p,4n+p+He3+α)Be7	-66193.22 keV
O18(p,d+2t+α)Be7	-54723.10 keV	O18(p,2n+3d+α)Be7	-67237.56 keV
O18(p,n+p+2t+α)Be7	-56947.67 keV	O18(p,3t+He3)Be7	-69043.49 keV
O18(p,2n+t+He3+α)Be7	-57711.42 keV	O18(p,3n+p+2d+α)Be7	-69462.13 keV
O18(p,n+2d+t+α)Be7	-60980.33 keV	O18(p,4n+2p+d+α)Be7	-71686.69 keV
O18(p,2n+p+d+t+α)Be7	-63204.90 keV	O18(p,5n+3p+α)Be7	-73911.26 keV

<< 8-O-16	**8-O-18**	9-F-18 >>
<< MT36 (p,n+t+2α)	**MT107 (p,α) or MT5 (N15 production)**	MT111 (p,2p) >>

O18 (p,α) or N15 production log-log



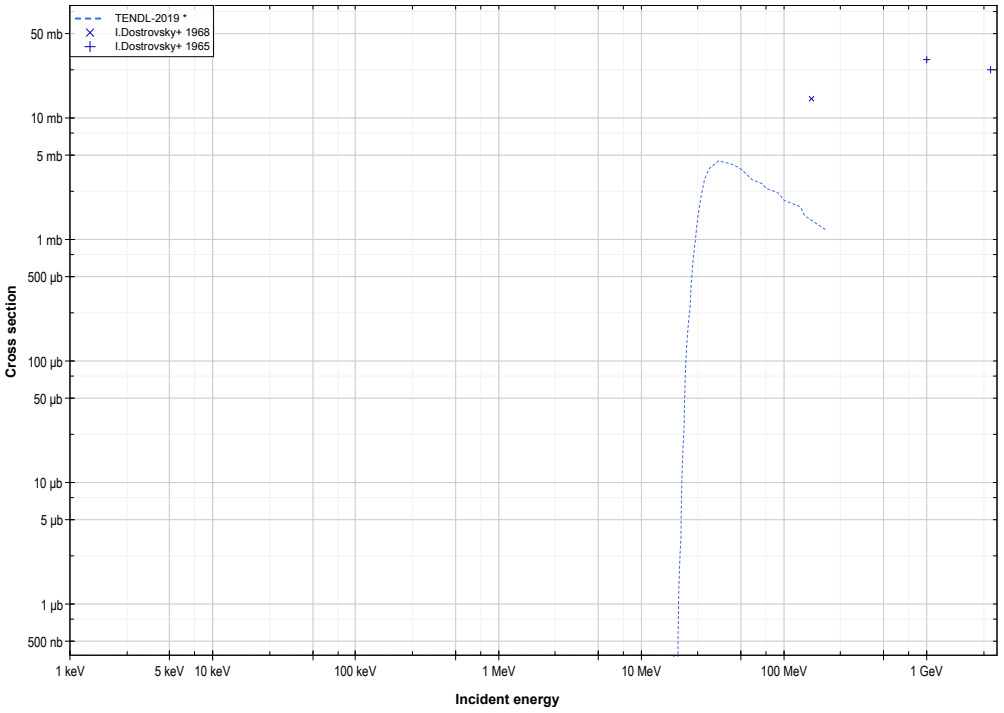
O18 (p,α) or N15 production lin-log



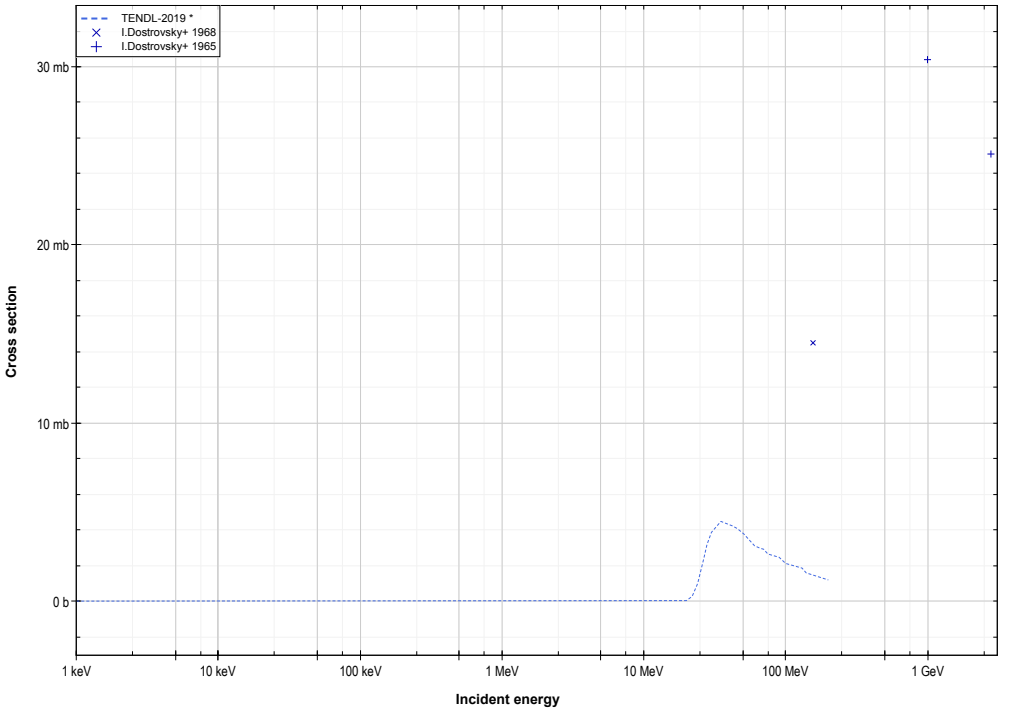
Reaction	Q-Value
O18(p,α)N15	3979.80 keV
O18(p,p+t)N15	-15834.06 keV
O18(p,n+He3)N15	-16597.82 keV
O18(p,2d)N15	-19866.73 keV
O18(p,n+p+d)N15	-22091.29 keV
O18(p,2n+2p)N15	-24315.86 keV

<< 8-O-16	**8-O-18**	12-Mg-25 >>
<< MT107 (p,α)	**MT111 (p,2p) or MT5 (N17 production)**	MT177 (p,3n+³He) >>

O18 (p,2p) or N17 production log-log



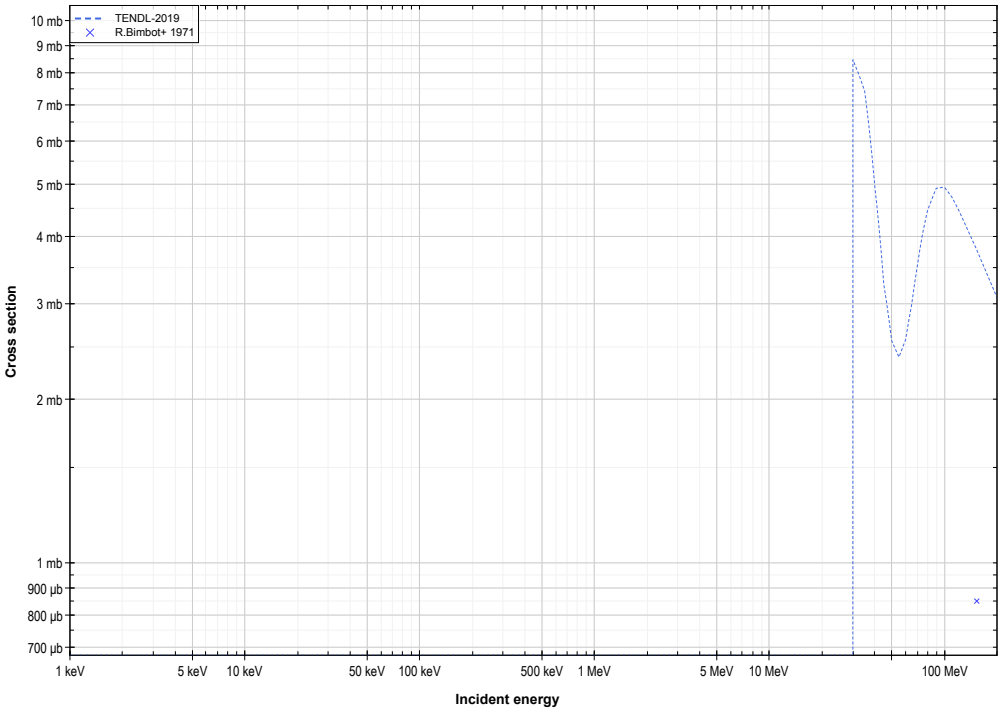
O18 (p,2p) or N17 production lin-log



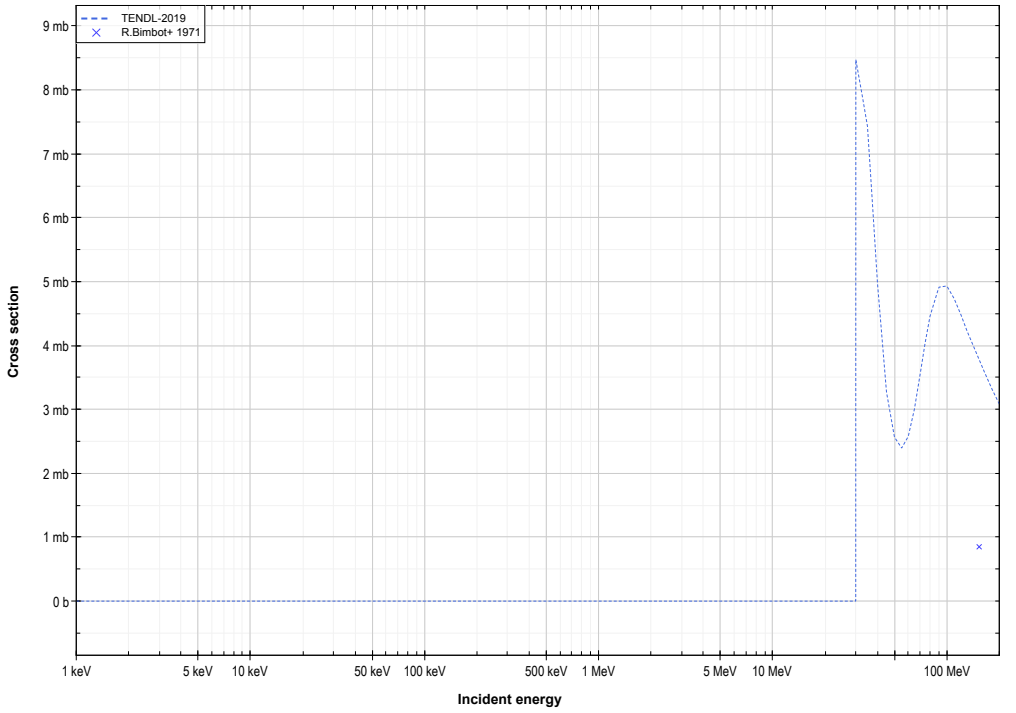
Reaction	Q-Value
O18(p,2p)N17	-15941.79 keV

	8-O-18	9-F-19 >>
<< MT111 (p,2p)	**MT177 (p,3n+^{3}He) or MT5 (N13 production)**	MT181 (p,3n+p+α) >>

O18 (p,3n+^{3}He) or N13 production log-log



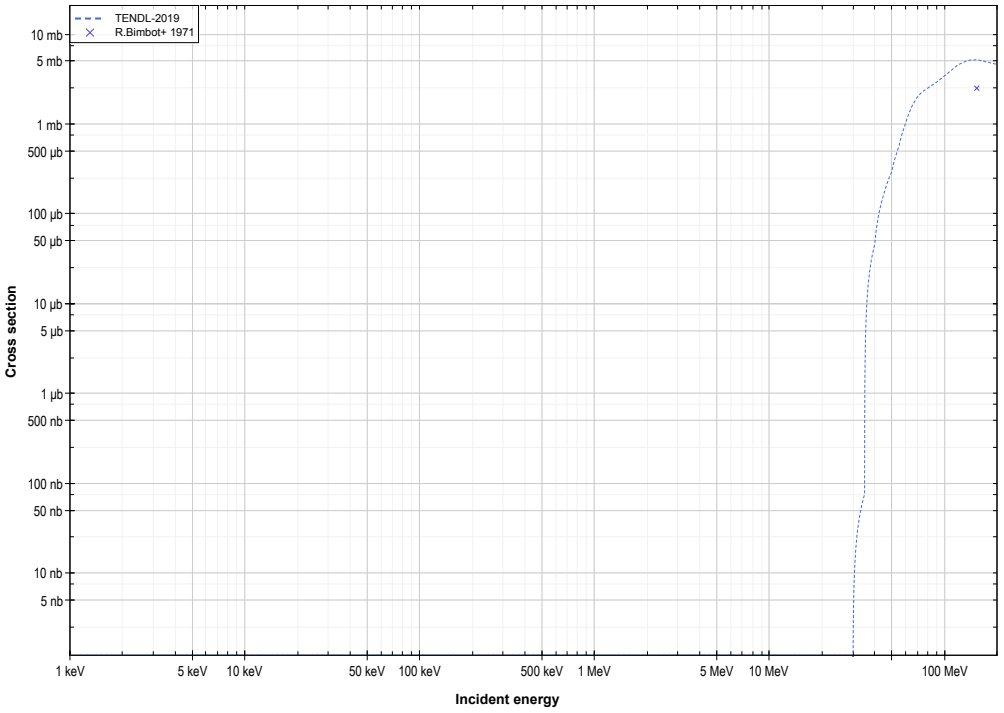
O18 (p,3n+^{3}He) or N13 production lin-log



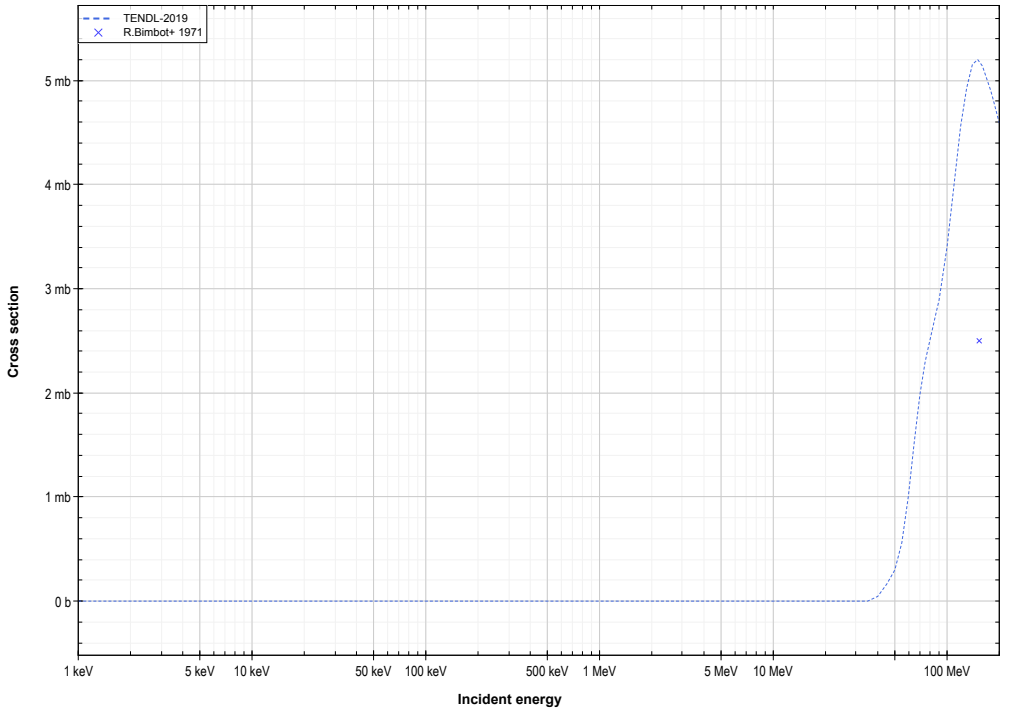
Reaction	Q-Value
O18(p,2n+α)N13	-17406.87 keV
O18(p,2t)N13	-28738.94 keV
O18(p,n+d+t)N13	-34996.17 keV
O18(p,2n+p+t)N13	-37220.74 keV
O18(p,3n+He3)N13	-37984.49 keV
O18(p,2n+2d)N13	-41253.40 keV
O18(p,3n+p+d)N13	-43477.97 keV
O18(p,4n+2p)N13	-45702.53 keV

	8-O-18	23-V-51 >>
<< MT177 (p,3n+³He)	**MT181 (p,3n+p+α) or MT5 (C11 production)**	MT185 (p,n+d+t) >>

O18 (p,3n+p+α) or C11 production log-log



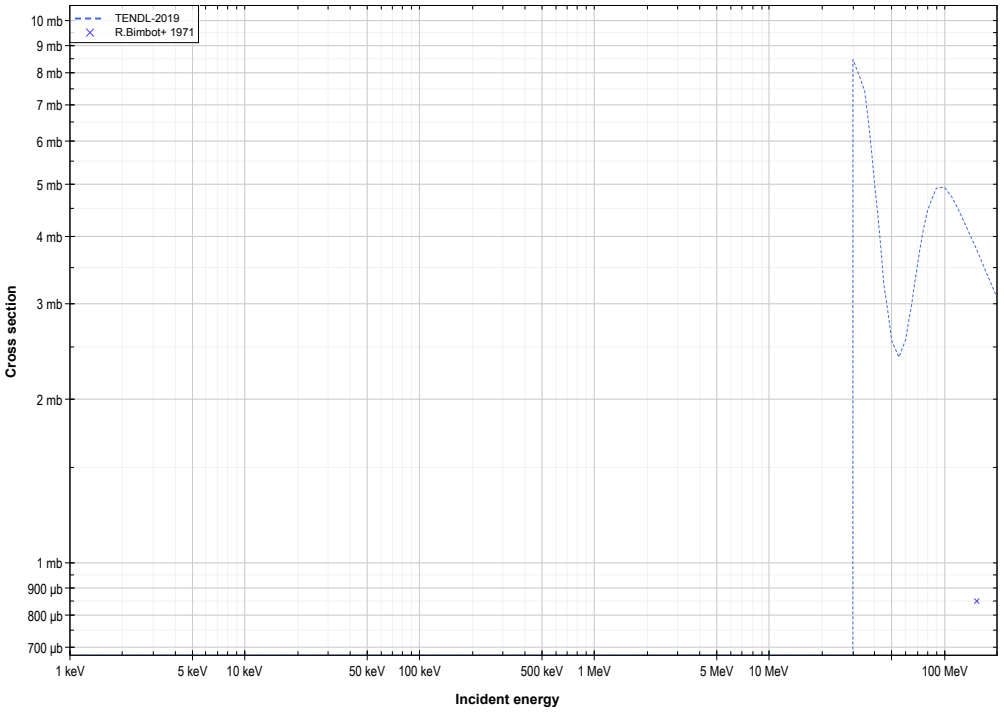
O18 (p,3n+p+α) or C11 production lin-log



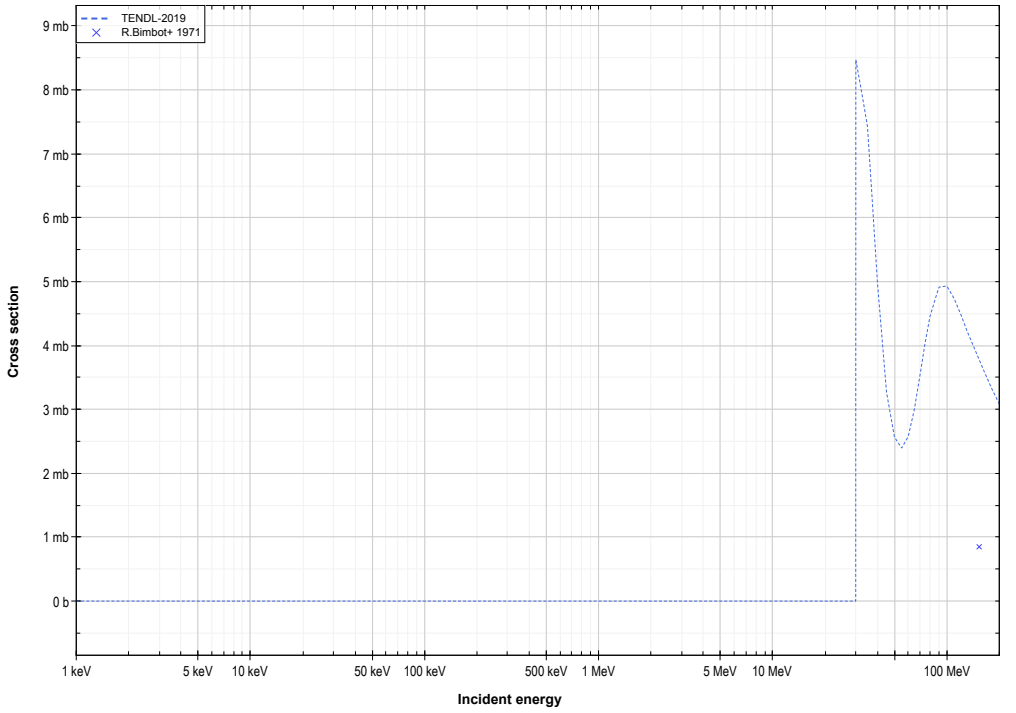
Reaction	Q-Value	Reaction	Q-Value
O18(p,n+t+α)C11	-29589.29 keV	O18(p,3n+d+He3)C11	-56424.14 keV
O18(p,2n+d+α)C11	-35846.52 keV	O18(p,3n+2p+t)C11	-57884.95 keV
O18(p,3n+p+α)C11	-38071.08 keV	O18(p,4n+p+He3)C11	-58648.70 keV
O18(p,d+2t)C11	-47178.59 keV	O18(p,2n+3d)C11	-59693.04 keV
O18(p,n+p+2t)C11	-49403.15 keV	O18(p,3n+p+2d)C11	-61917.61 keV
O18(p,2n+t+He3)C11	-50166.91 keV	O18(p,4n+2p+d)C11	-64142.18 keV
O18(p,n+2d+t)C11	-53435.82 keV	O18(p,5n+3p)C11	-66366.74 keV
O18(p,2n+p+d+t)C11	-55660.38 keV		

	8-O-18	9-F-19 >>
<< MT181 (p,3n+p+α)	**MT185 (p,n+d+t) or MT5 (N13 production)**	MT189 (p,n+t+a) >>

O18 (p,n+d+t) or N13 production log-log



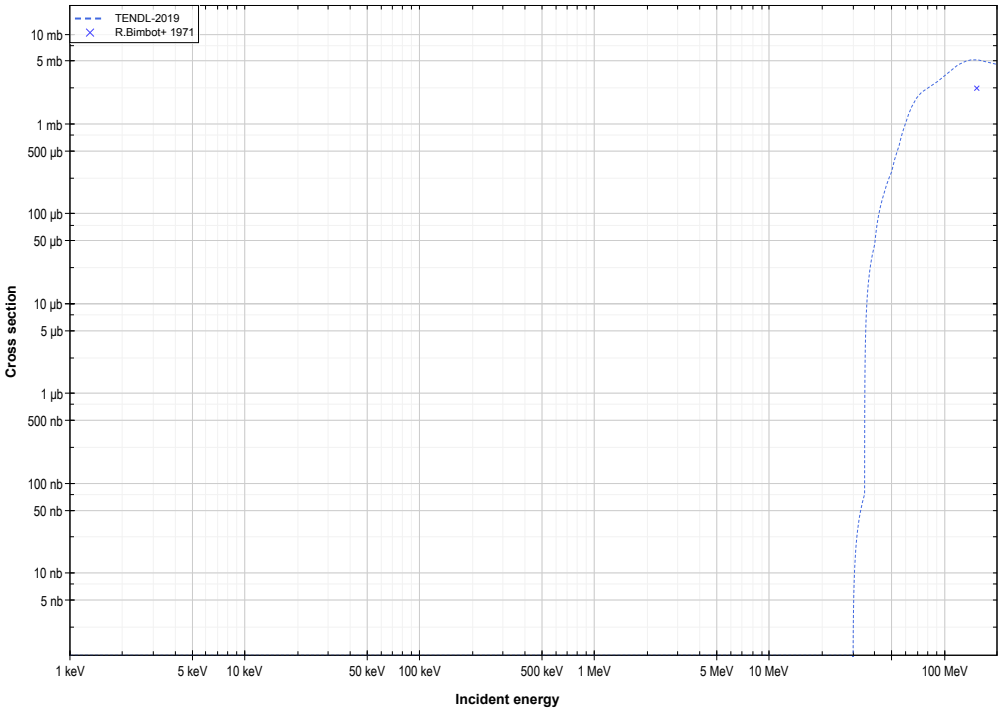
O18 (p,n+d+t) or N13 production lin-log



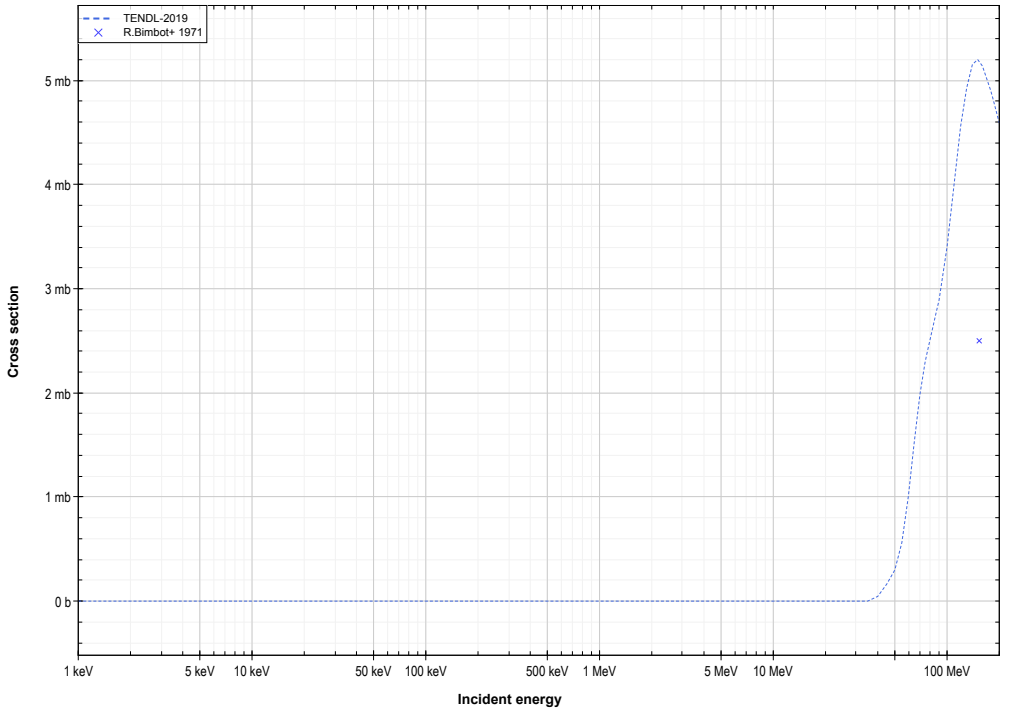
Reaction	Q-Value
O18(p,2n+α)N13	-17406.87 keV
O18(p,2t)N13	-28738.94 keV
O18(p,n+d+t)N13	-34996.17 keV
O18(p,2n+p+t)N13	-37220.74 keV
O18(p,3n+He3)N13	-37984.49 keV
O18(p,2n+2d)N13	-41253.40 keV
O18(p,3n+p+d)N13	-43477.97 keV
O18(p,4n+2p)N13	-45702.53 keV

	8-O-18	23-V-51 >>
<< MT185 (p,n+d+t)	**MT189 (p,n+t+a) or MT5 (C11 production)**	MT194 (p,4n+2p) >>

O18 (p,n+t+a) or C11 production log-log



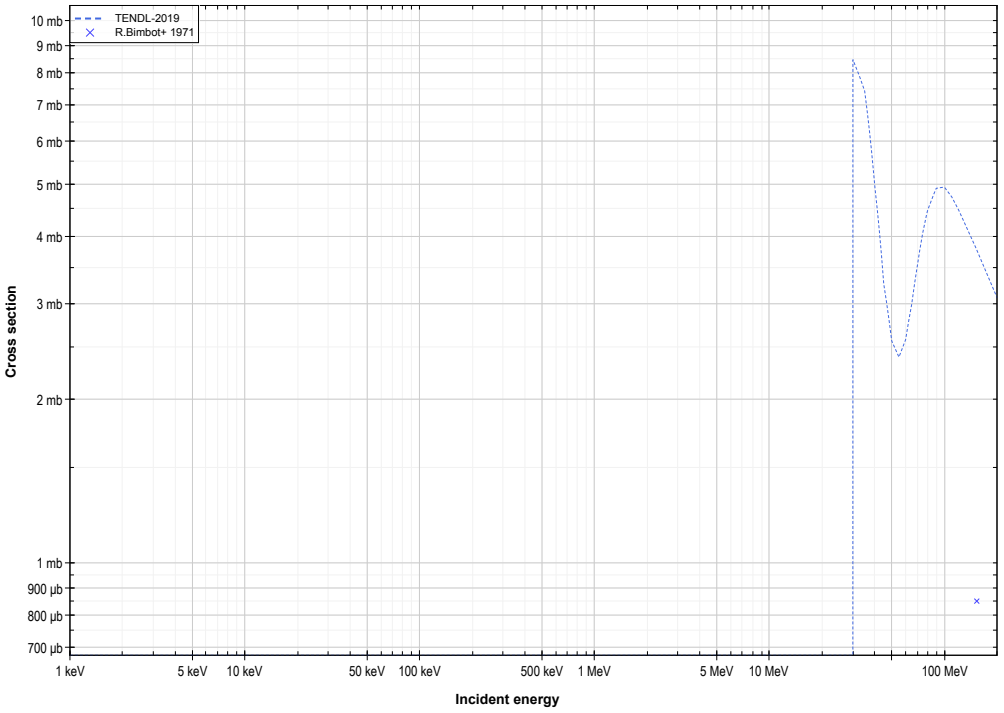
O18 (p,n+t+a) or C11 production lin-log



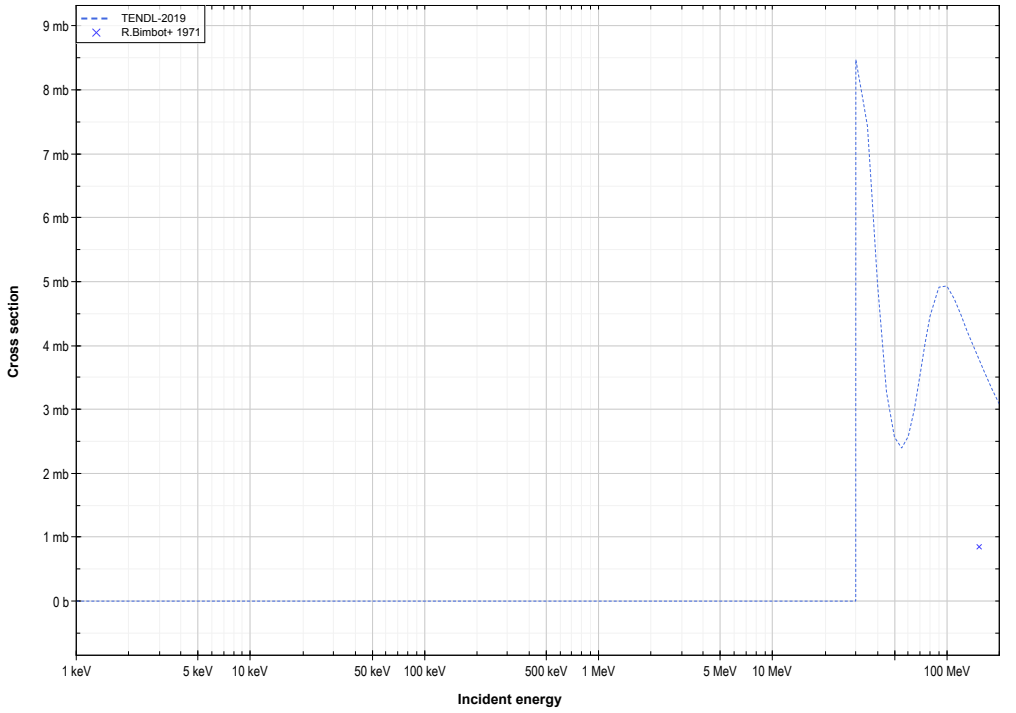
Reaction	Q-Value	Reaction	Q-Value
O18(p,n+t+α)C11	-29589.29 keV	O18(p,3n+d+He3)C11	-56424.14 keV
O18(p,2n+d+α)C11	-35846.52 keV	O18(p,3n+2p+t)C11	-57884.95 keV
O18(p,3n+p+α)C11	-38071.08 keV	O18(p,4n+p+He3)C11	-58648.70 keV
O18(p,d+2t)C11	-47178.59 keV	O18(p,2n+3d)C11	-59693.04 keV
O18(p,n+p+2t)C11	-49403.15 keV	O18(p,3n+p+2d)C11	-61917.61 keV
O18(p,2n+t+He3)C11	-50166.91 keV	O18(p,4n+2p+d)C11	-64142.18 keV
O18(p,n+2d+t)C11	-53435.82 keV	O18(p,5n+3p)C11	-66366.74 keV
O18(p,2n+p+d+t)C11	-55660.38 keV		

	8-O-18	9-F-19 >>
<< MT189 (p,n+t+a)	**MT194 (p,4n+2p) or MT5 (N13 production)**	MT197 (p,3p) >>

O18 (p,4n+2p) or N13 production log-log



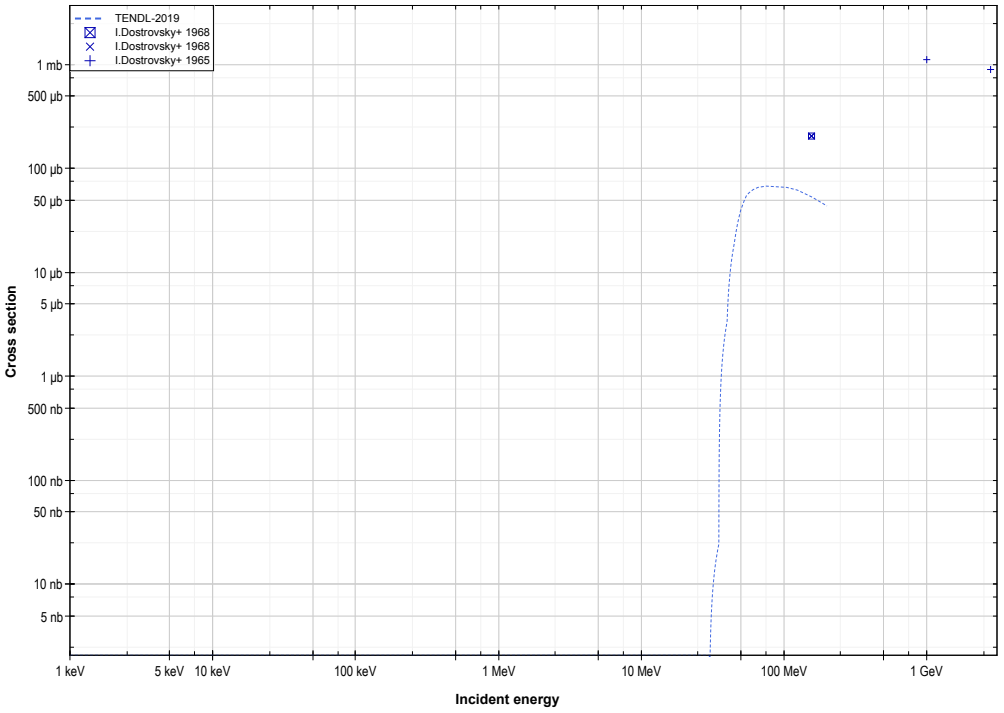
O18 (p,4n+2p) or N13 production lin-log



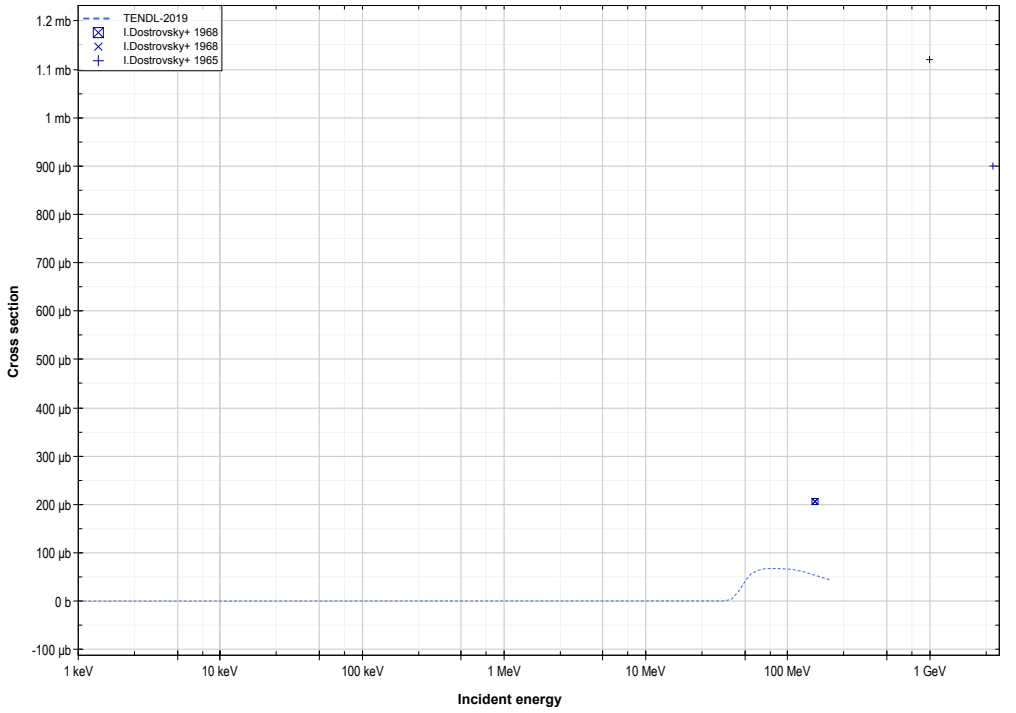
Reaction	Q-Value
O18(p,2n+α)N13	-17406.87 keV
O18(p,2t)N13	-28738.94 keV
O18(p,n+d+t)N13	-34996.17 keV
O18(p,2n+p+t)N13	-37220.74 keV
O18(p,3n+He3)N13	-37984.49 keV
O18(p,2n+2d)N13	-41253.40 keV
O18(p,3n+p+d)N13	-43477.97 keV
O18(p,4n+2p)N13	-45702.53 keV

<< 8-O-16	**8-O-18**	9-F-19 >>
<< MT194 (p,4n+2p)	**MT197 (p,3p) or MT5 (C16 production)**	9-F-18 MT107 (p,α) >>

O18 (p,3p) or C16 production log-log



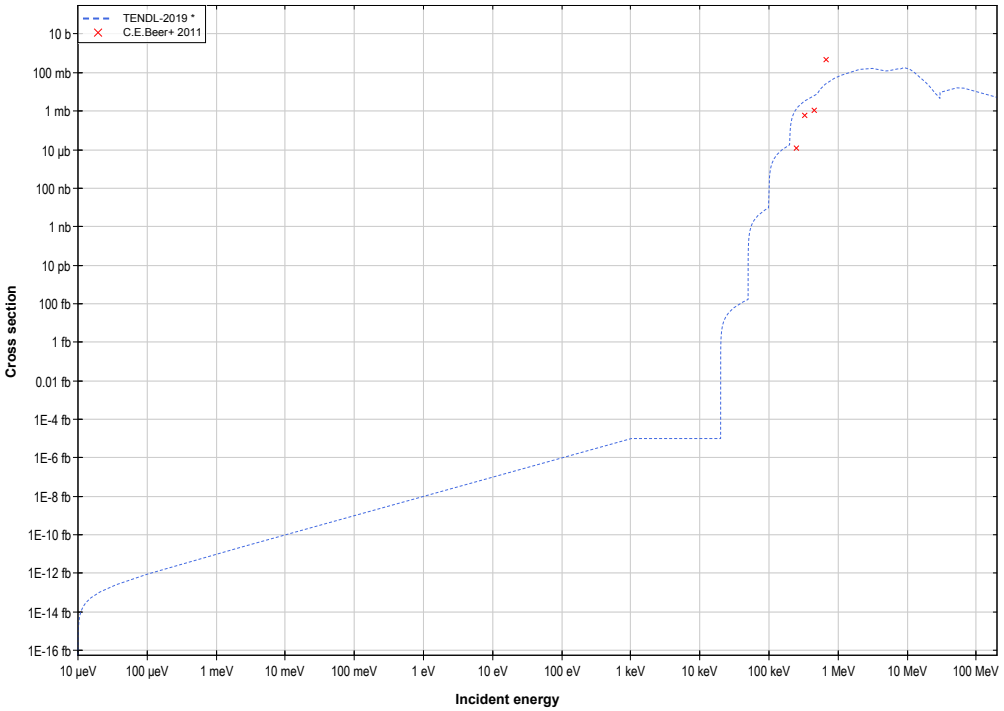
O18 (p,3p) or C16 production lin-log



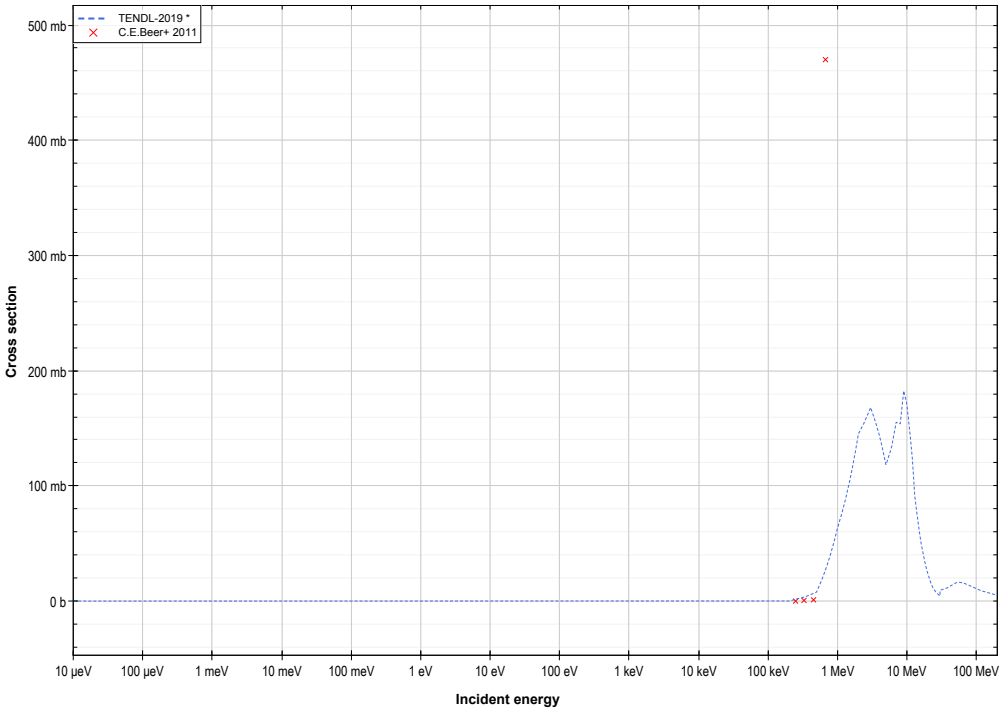
Reaction	Q-Value
O18(p,3p)C16	-29054.76 keV

<< 8-O-18	**9-F-18**	9-F-19 >>
<< 8-O-18 MT197 (p,3p)	**MT107 (p,α) or MT5 (O15 production)**	9-F-19 MT4 (p,n) >>

F18 (p,α) or O15 production log-log



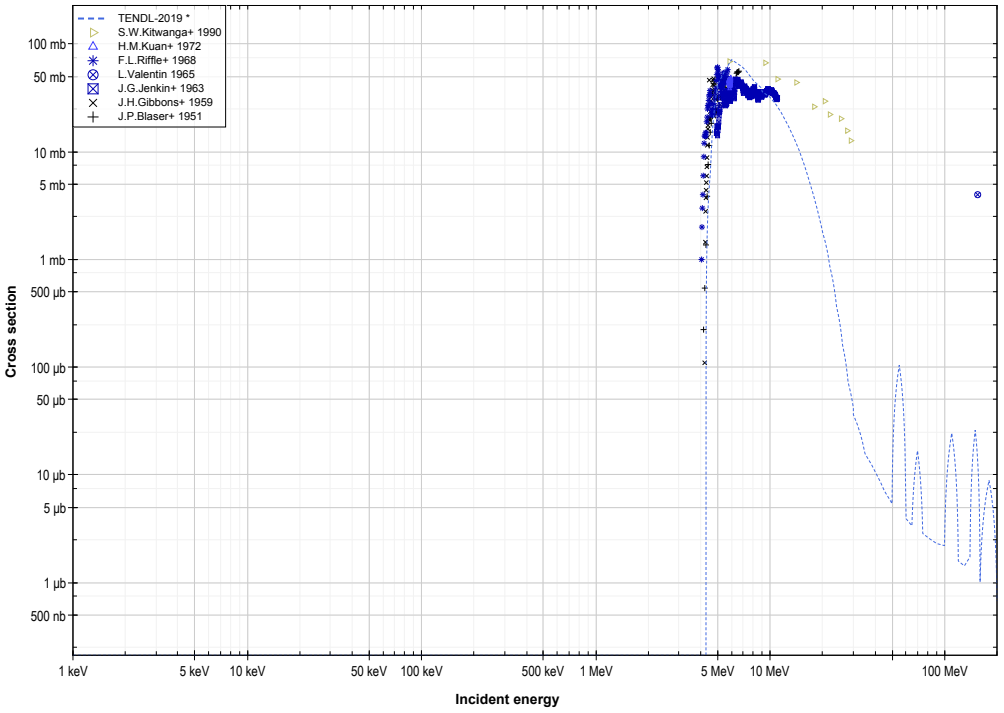
F18 (p,α) or O15 production lin-log



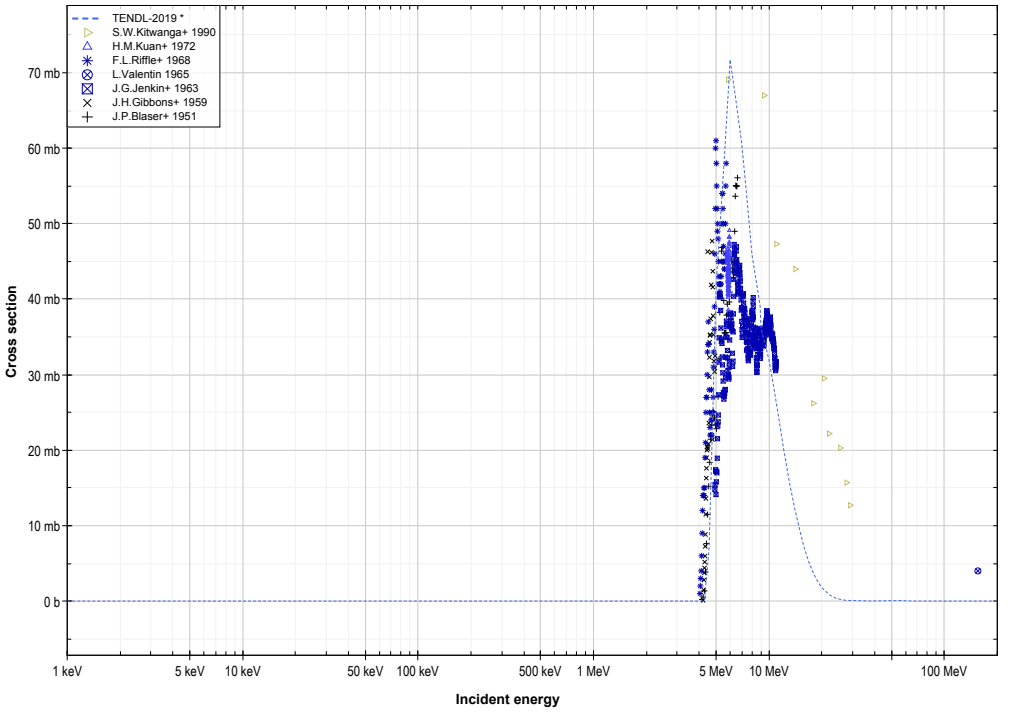
Reaction	Q-Value
F18(p,α)O15	2881.56 keV
F18(p,p+t)O15	-16932.31 keV
F18(p,n+He3)O15	-17696.06 keV
F18(p,2d)O15	-20964.97 keV
F18(p,n+p+d)O15	-23189.54 keV
F18(p,2n+2p)O15	-25414.10 keV

<< 8-O-18	**9-F-19**	10-Ne-22 >>
<< 9-F-18 MT107 (p,α)	**MT4 (p,n) or MT5 (Ne19 production)**	MT22 (p,n+α) >>

F19 (p,n) or Ne19 production log-log



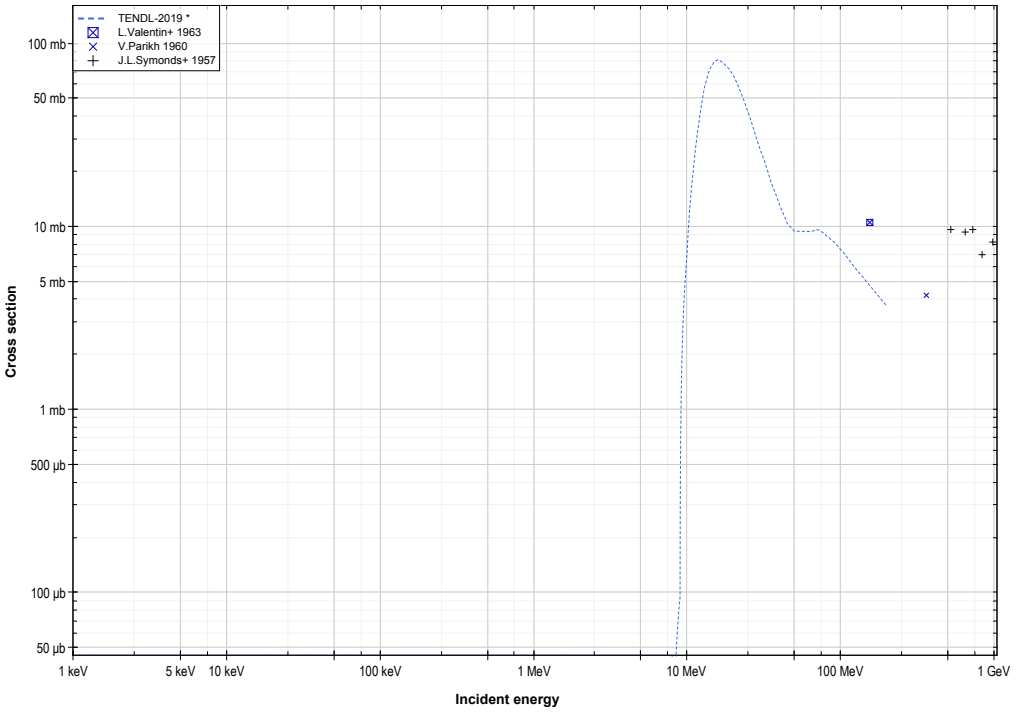
F19 (p,n) or Ne19 production lin-log



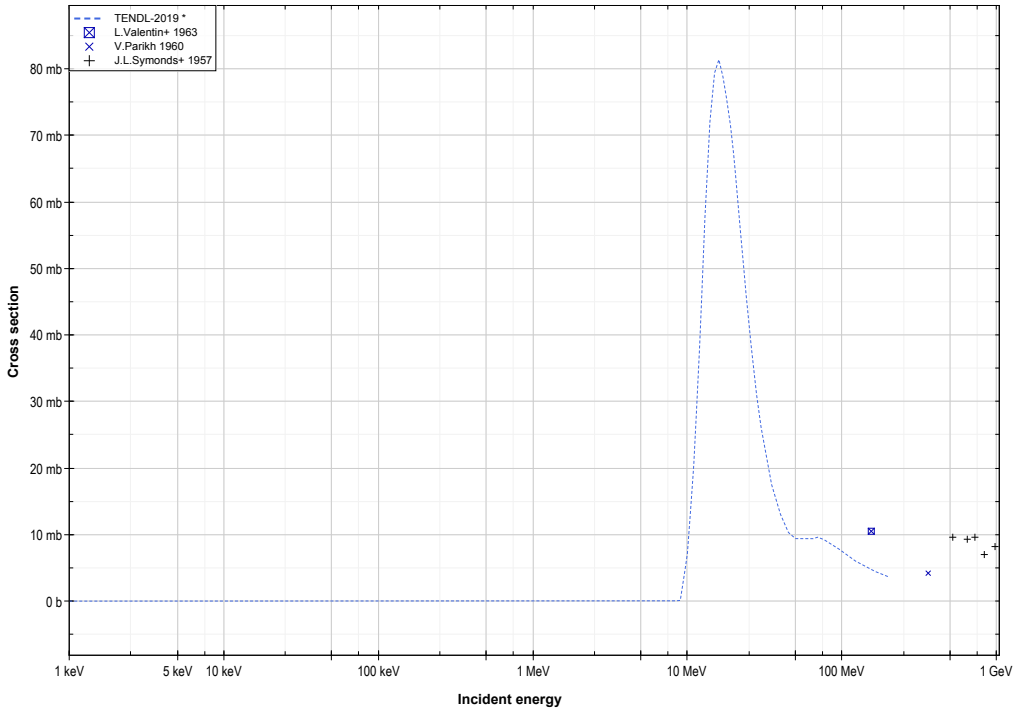
Reaction	Q-Value
F19(p,n)Ne19	-4021.84 keV

<< 7-N-15	**9-F-19**	12-Mg-26 >>
<< MT4 (p,n)	**MT22 (p,n+α) or MT5 (O15 production)**	MT23 (p,n+3α) >>

F19 (p,n+α) or O15 production log-log



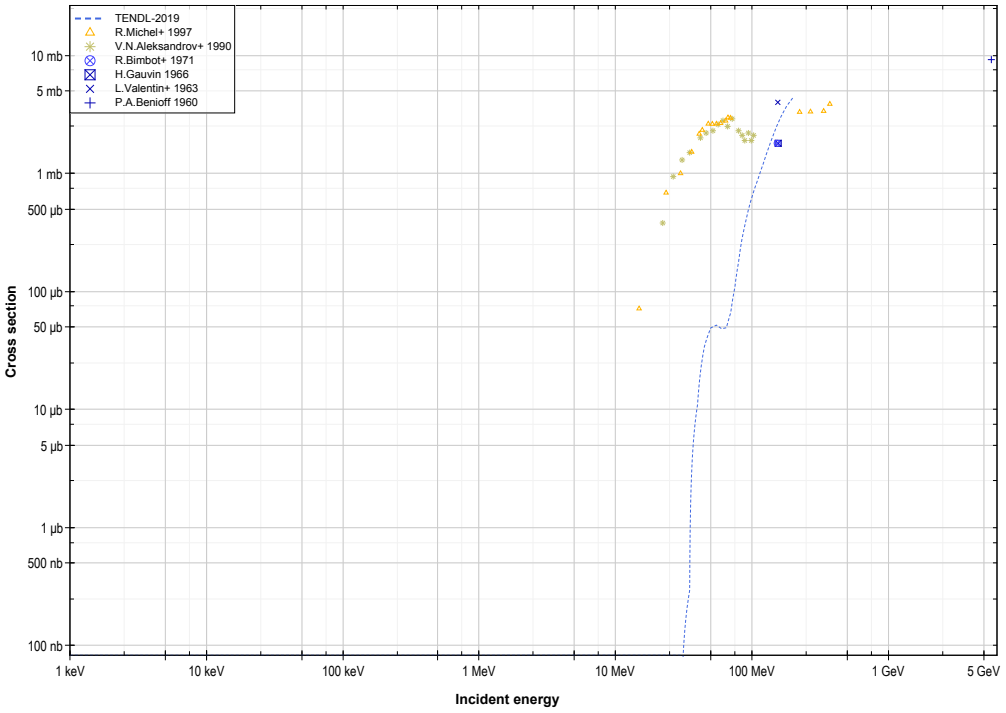
F19 (p,n+α) or O15 production lin-log



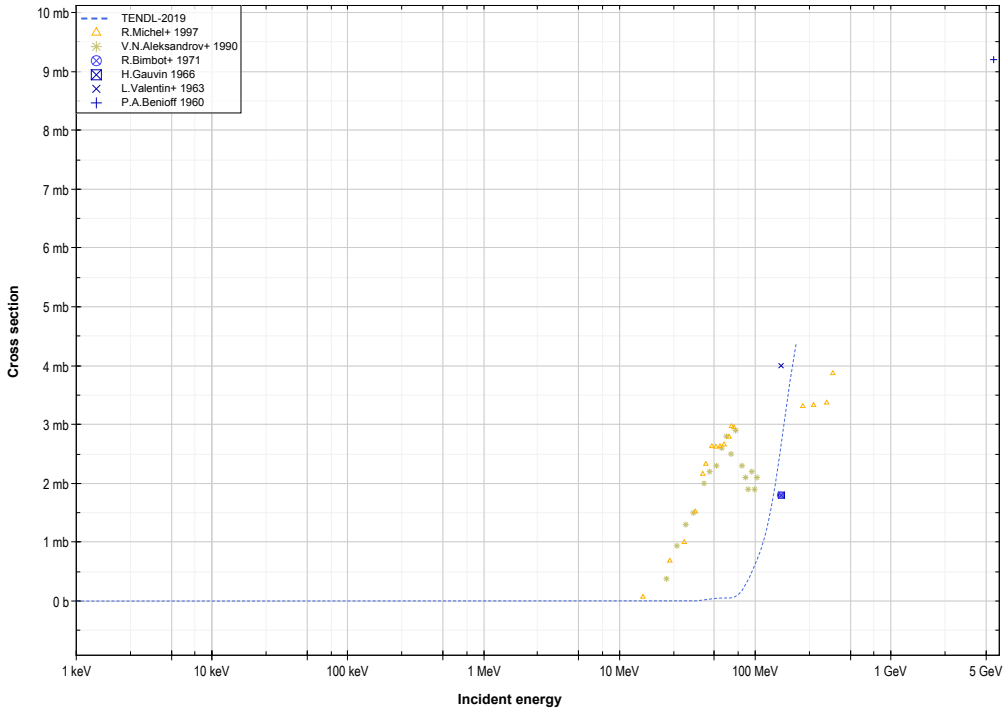
Reaction	Q-Value
F19(p,n+α)O15	-7550.31 keV
F19(p,d+t)O15	-25139.61 keV
F19(p,n+p+t)O15	-27364.17 keV
F19(p,2n+He3)O15	-28127.93 keV
F19(p,n+2d)O15	-31396.83 keV
F19(p,2n+p+d)O15	-33621.40 keV
F19(p,3n+2p)O15	-35845.97 keV

	9-F-19	13-Al-27 >>
<< MT22 (p,n+α)	**MT23 (p,n+3α) or MT5 (Be7 production)**	MT24 (p,2n+α) >>

F19 (p,n+3α) or Be7 production log-log



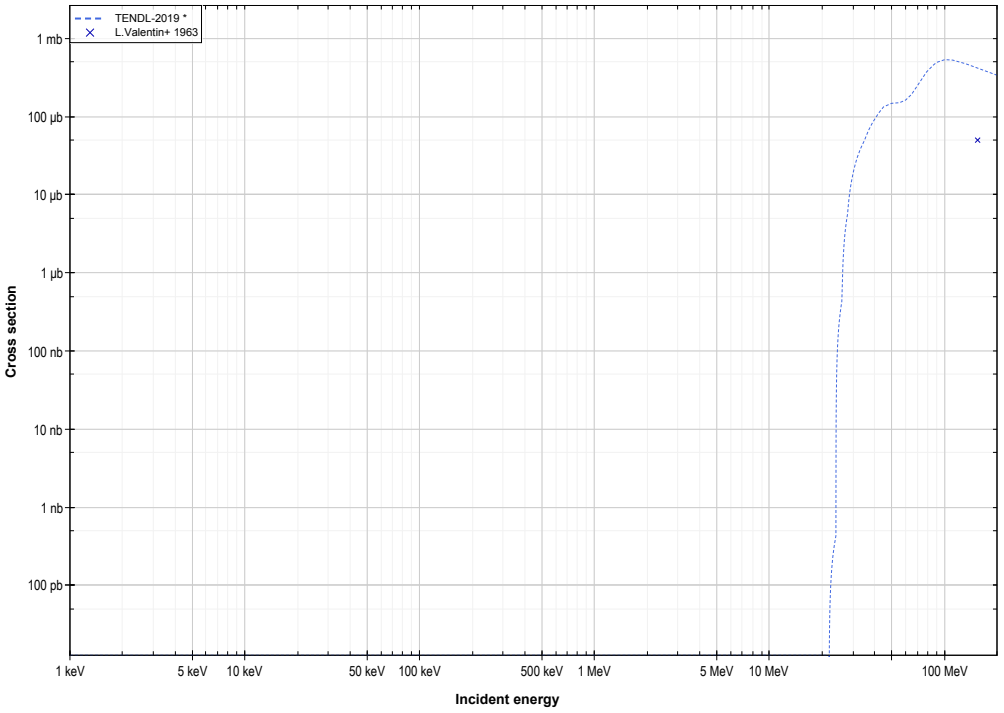
F19 (p,n+3α) or Be7 production lin-log



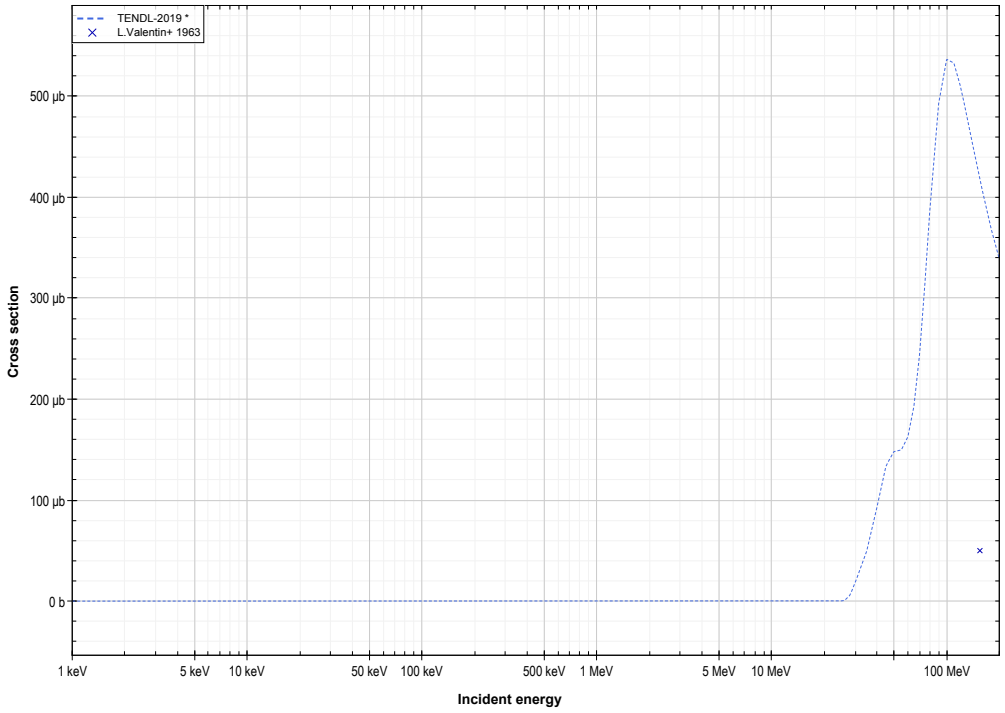
Reaction	Q-Value	Reaction	Q-Value
F19(p,n+3α)Be7	-25313.54 keV	F19(p,p+d+2t+α)Be7	-62716.70 keV
F19(p,d+t+2α)Be7	-42902.84 keV	F19(p,n+d+t+He3+α)Be7	-63480.46 keV
F19(p,n+p+t+2α)Be7	-45127.40 keV	F19(p,n+2p+2t+α)Be7	-64941.27 keV
F19(p,2n+He3+2α)Be7	-45891.16 keV	F19(p,2n+p+t+He3+α)Be7	-65705.02 keV
F19(p,n+2d+2α)Be7	-49160.07 keV	F19(p,3n+2He3+α)Be7	-66468.78 keV
F19(p,2n+p+d+2α)Be7	-51384.63 keV	F19(p,3d+t+α)Be7	-66749.36 keV
F19(p,3n+2p+2α)Be7	-53609.20 keV	F19(p,n+p+2d+t+α)Be7	-68973.93 keV
F19(p,2t+He3+α)Be7	-57223.23 keV	F19(p,2n+2d+He3+α)Be7	-69737.68 keV

<< 8-O-18	**9-F-19**	28-Ni-62 >>
<< MT23 (p,n+3α)	**MT24 (p,2n+α) or MT5 (O14 production)**	MT28 (p,n+p) >>

F19 (p,2n+α) or O14 production log-log



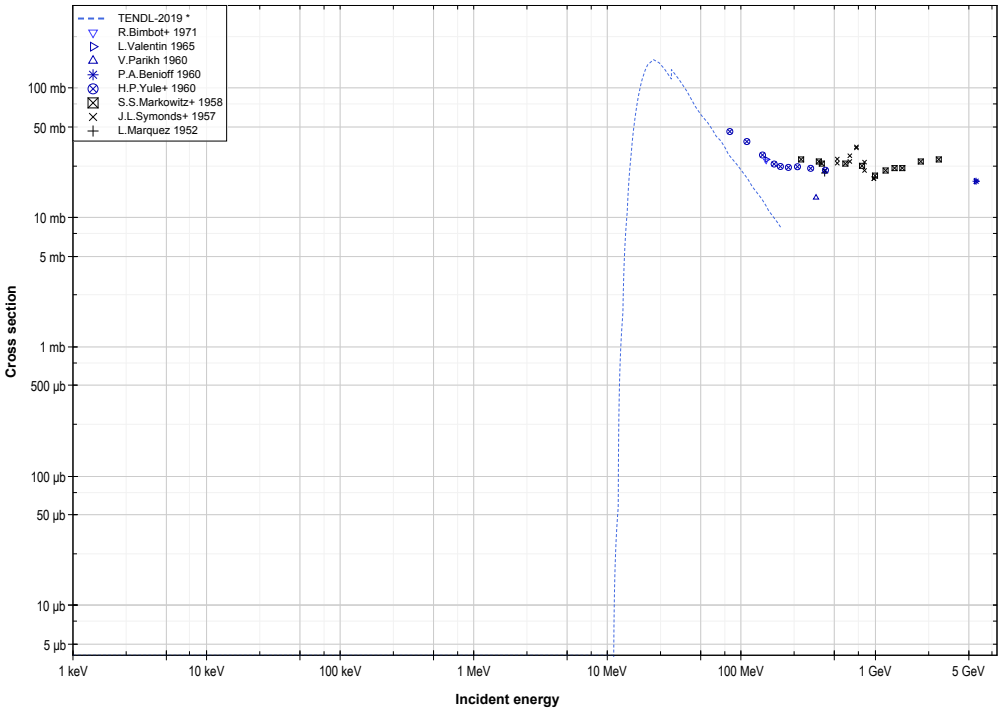
F19 (p,2n+α) or O14 production lin-log



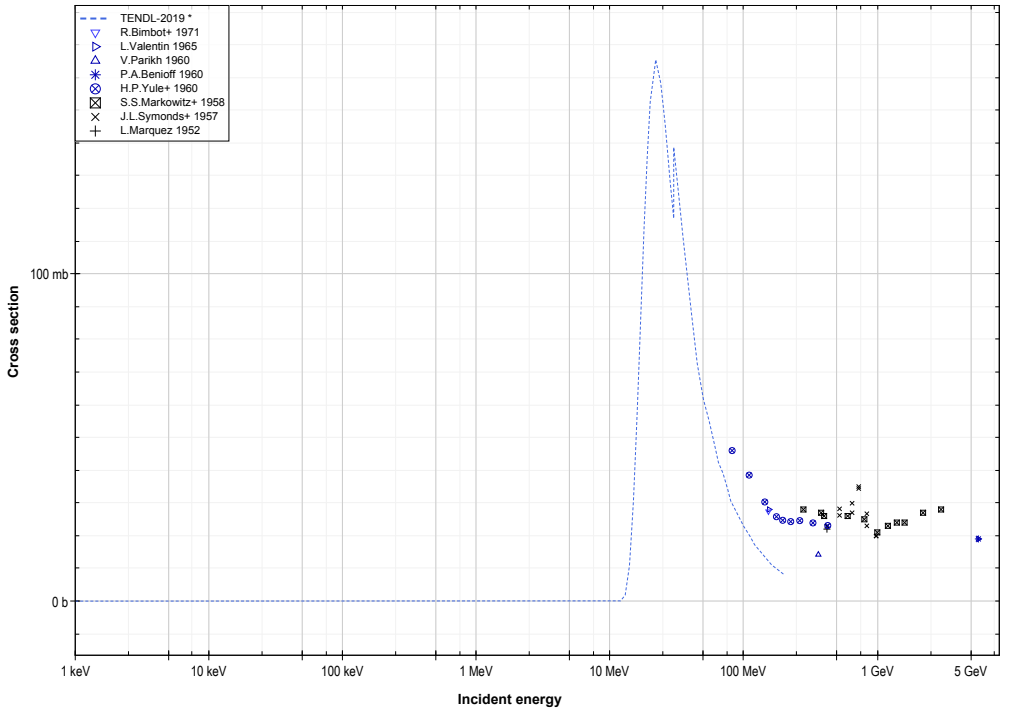
Reaction	Q-Value
F19(p,2n+α)O14	-20773.80 keV
F19(p,2t)O14	-32105.87 keV
F19(p,n+d+t)O14	-38363.10 keV
F19(p,2n+p+t)O14	-40587.67 keV
F19(p,3n+He3)O14	-41351.42 keV
F19(p,2n+2d)O14	-44620.33 keV
F19(p,3n+p+d)O14	-46844.90 keV
F19(p,4n+2p)O14	-49069.46 keV

<< 8-O-16	**9-F-19**	11-Na-23 >>
<< MT24 (p,2n+α)	**MT28 (p,n+p) or MT5 (F18 production)**	MT29 (p,n+2α) >>

F19 (p,n+p) or F18 production log-log



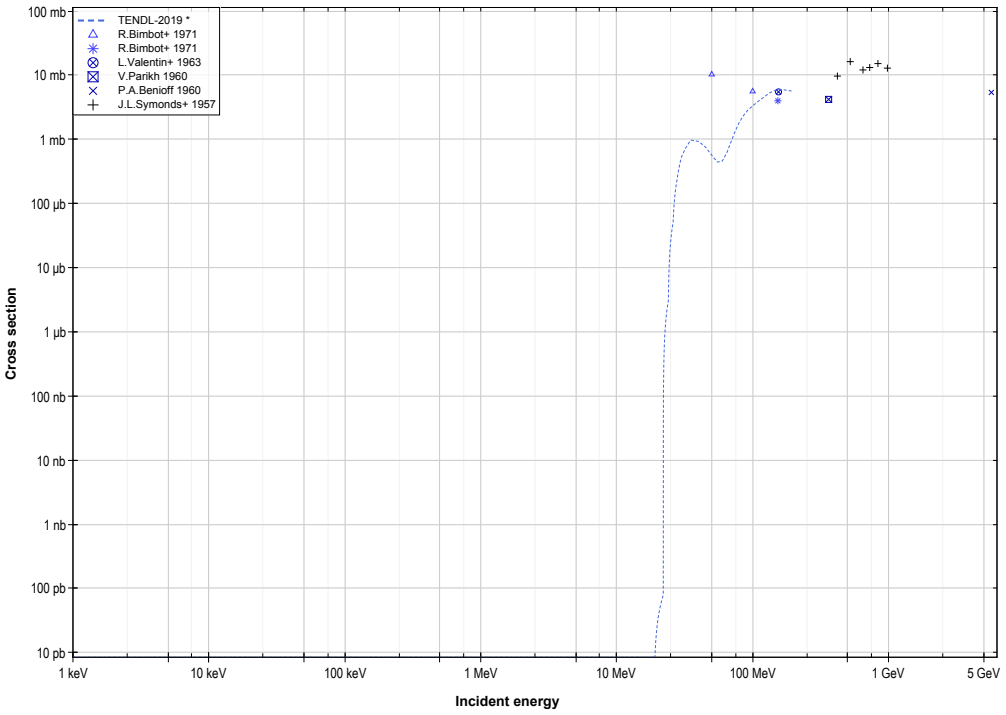
F19 (p,n+p) or F18 production lin-log



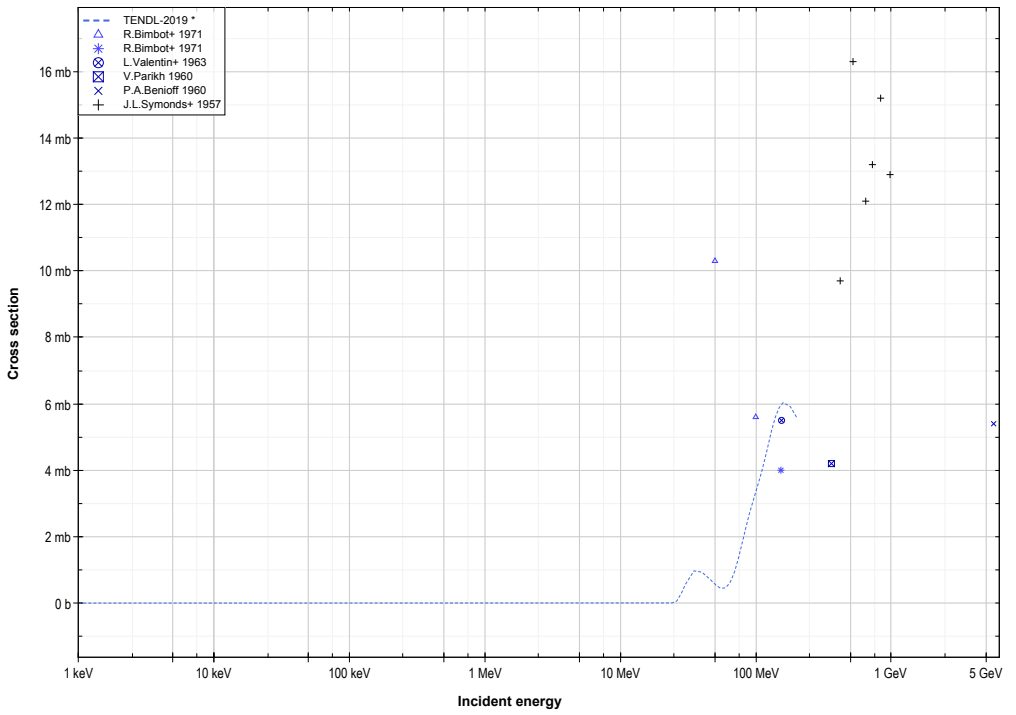
Reaction	Q-Value
F19(p,d)F18	-8207.30 keV
F19(p,n+p)F18	-10431.86 keV

<< 7-N-15	**9-F-19**	11-Na-23 >>
<< MT28 (p,n+p)	**MT29 (p,n+2α) or MT5 (C11 production)**	MT30 (p,2n+2α) >>

F19 (p,n+2α) or C11 production log-log



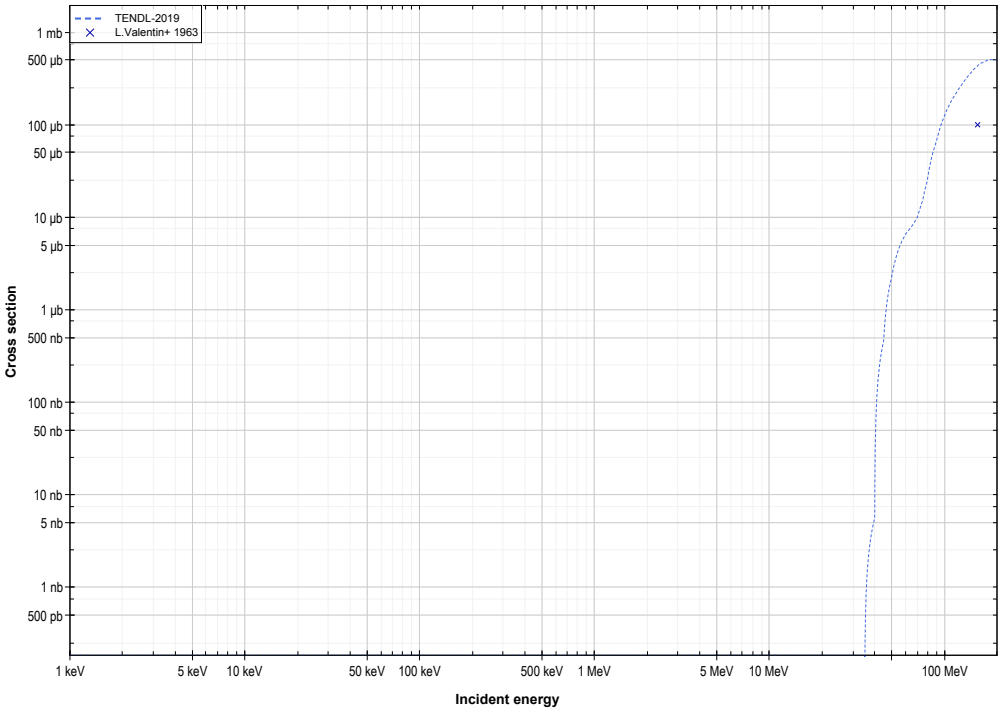
F19 (p,n+2α) or C11 production lin-log



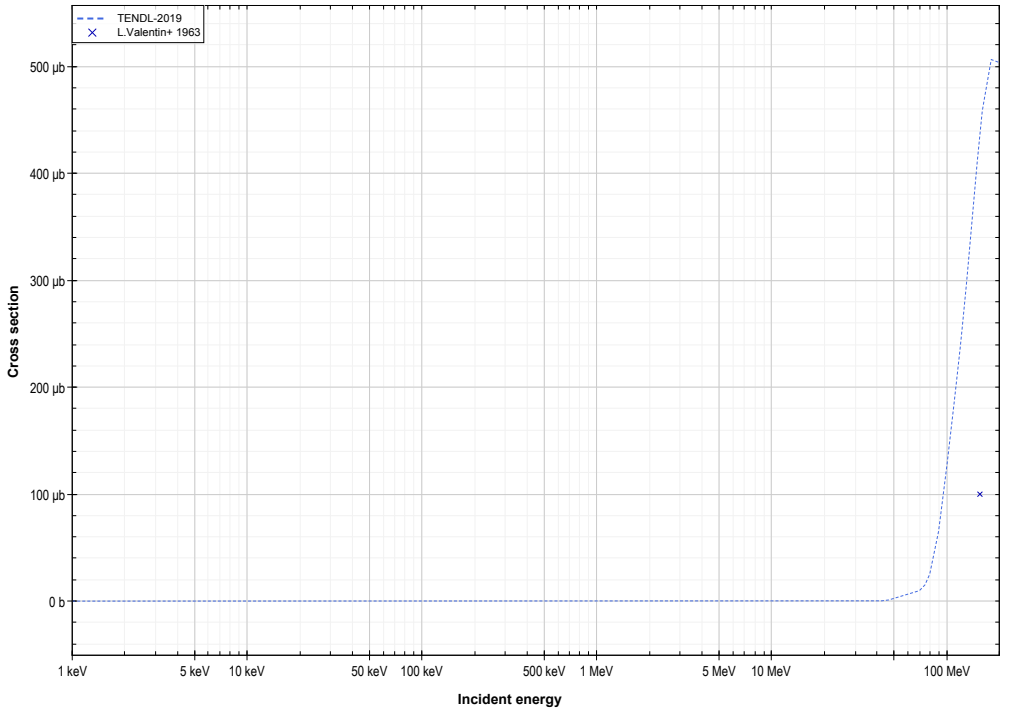
Reaction	Q-Value	Reaction	Q-Value
F19(p,n+2α)C11	-17769.02 keV	F19(p,p+d+2t)C11	-55172.19 keV
F19(p,d+t+α)C11	-35358.32 keV	F19(p,n+d+t+He3)C11	-55935.94 keV
F19(p,n+p+t+α)C11	-37582.89 keV	F19(p,n+2p+2t)C11	-57396.75 keV
F19(p,2n+He3+α)C11	-38346.64 keV	F19(p,2n+p+t+He3)C11	-58160.51 keV
F19(p,n+2d+α)C11	-41615.55 keV	F19(p,3n+2He3)C11	-58924.26 keV
F19(p,2n+p+d+α)C11	-43840.12 keV	F19(p,3d+t)C11	-59204.85 keV
F19(p,3n+2p+α)C11	-46064.68 keV	F19(p,n+p+2d+t)C11	-61429.41 keV
F19(p,2t+He3)C11	-49678.71 keV	F19(p,2n+2d+He3)C11	-62193.17 keV

	9-F-19	32-Ge-70 >>
<< MT29 (p,n+2α)	**MT30 (p,2n+2α) or MT5 (C10 production)**	MT32 (p,n+d) >>

F19 (p,2n+2α) or C10 production log-log



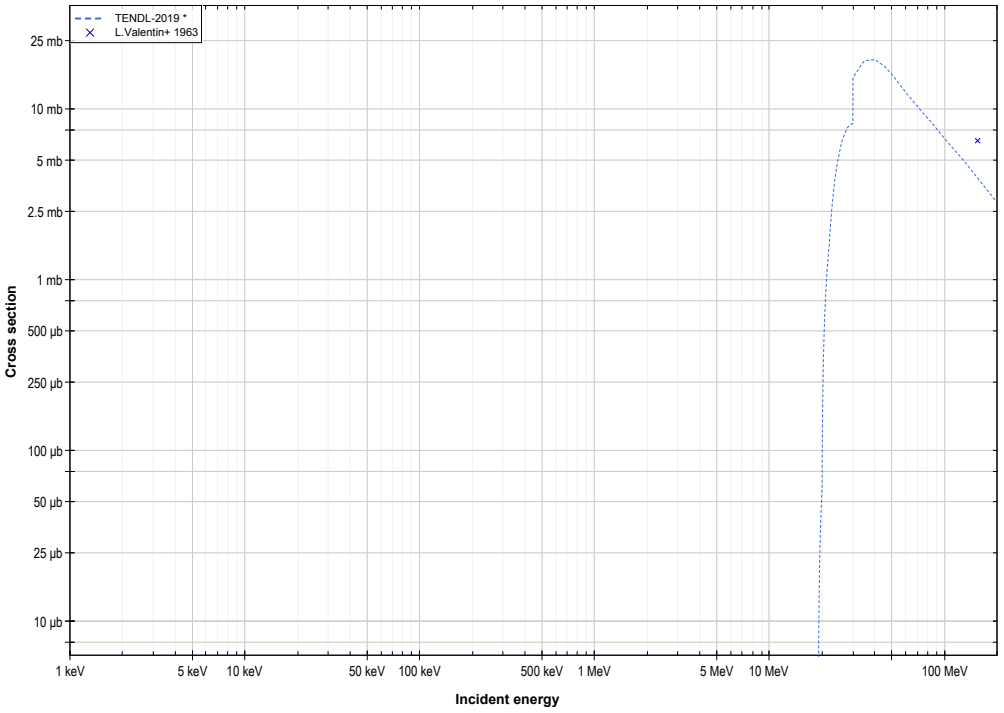
F19 (p,2n+2α) or C10 production lin-log



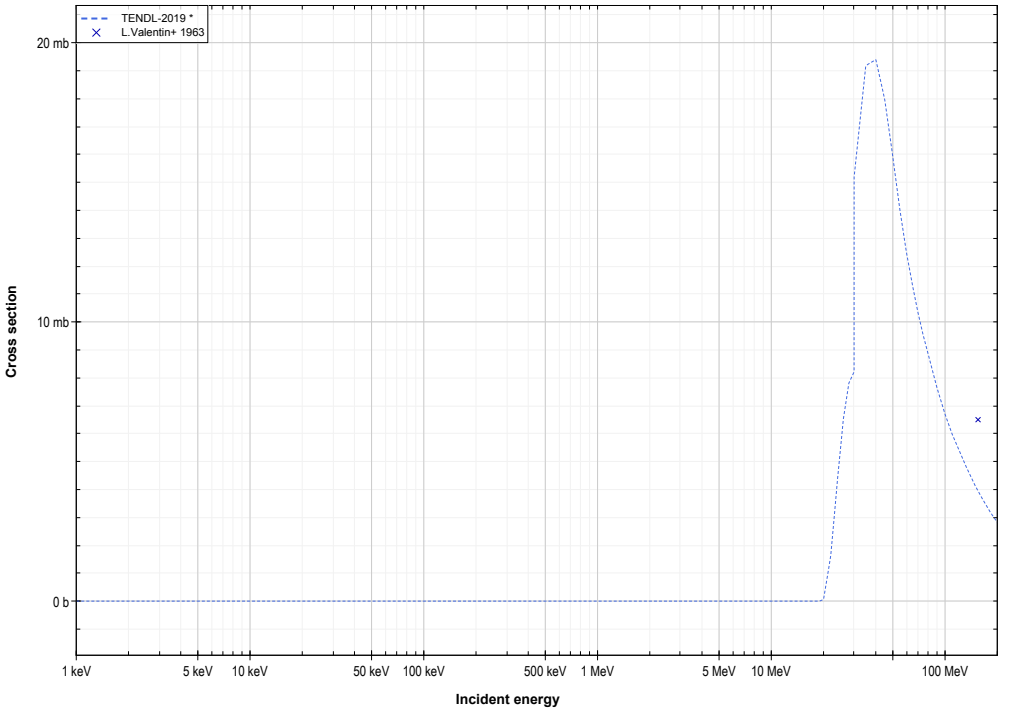
Reaction	Q-Value	Reaction	Q-Value
F19(p,2n+2α)C10	-30889.61 keV	F19(p,p+3t)C10	-62035.54 keV
F19(p,2t+α)C10	-42221.68 keV	F19(p,n+2t+He3)C10	-62799.30 keV
F19(p,n+d+t+α)C10	-48478.91 keV	F19(p,2d+2t)C10	-66068.21 keV
F19(p,2n+p+t+α)C10	-50703.47 keV	F19(p,n+p+d+2t)C10	-68292.77 keV
F19(p,3n+He3+α)C10	-51467.23 keV	F19(p,2n+d+t+He3)C10	-69056.53 keV
F19(p,2n+2d+α)C10	-54736.14 keV	F19(p,2n+2p+2t)C10	-70517.34 keV
F19(p,3n+p+d+α)C10	-56960.70 keV	F19(p,3n+p+t+He3)C10	-71281.09 keV
F19(p,4n+2p+α)C10	-59185.27 keV	F19(p,4n+2He3)C10	-72044.85 keV

<< 8-O-16	**9-F-19**	21-Sc-45 >>
<< MT30 (p,2n+2α)	**MT32 (p,n+d) or MT5 (F17 production)**	MT41 (p,2n+p) >>

F19 (p,n+d) or F17 production log-log



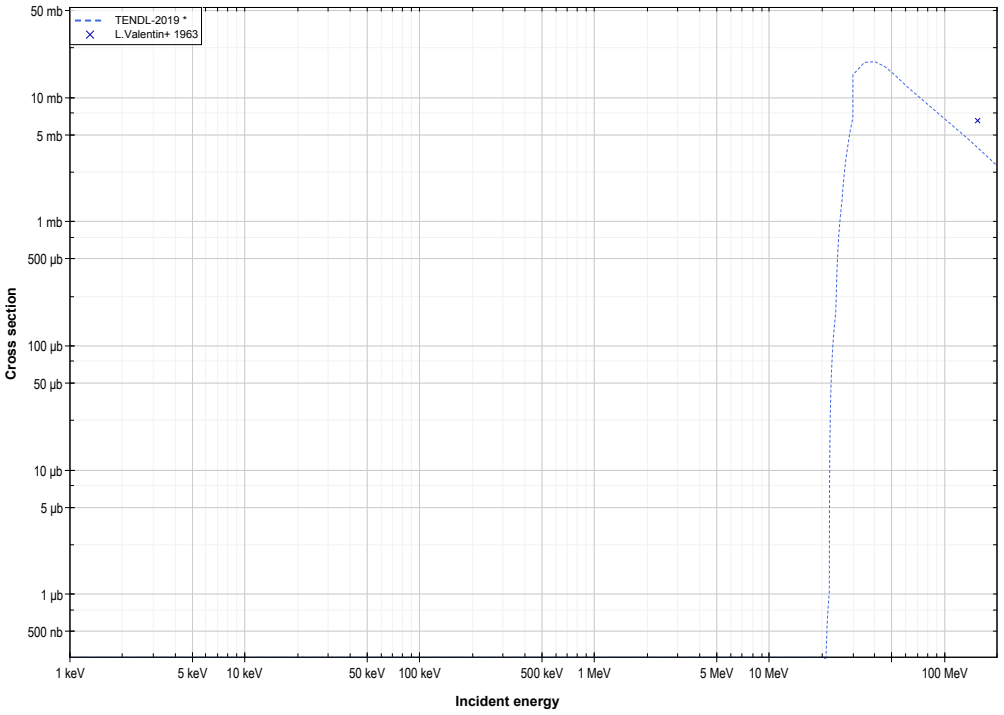
F19 (p,n+d) or F17 production lin-log



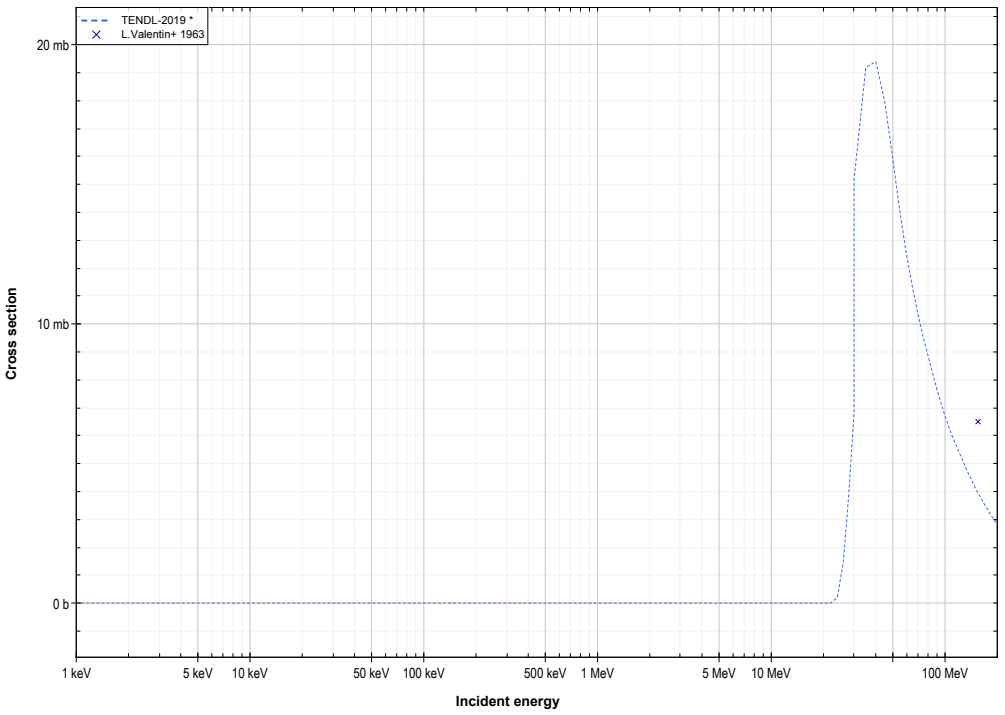
Reaction	Q-Value
F19(p,t)F17	-11099.98 keV
F19(p,n+d)F17	-17357.21 keV
F19(p,2n+p)F17	-19581.78 keV

<< 8-O-16	**9-F-19**	21-Sc-45 >>
<< MT32 (p,n+d)	**MT41 (p,2n+p) or MT5 (F17 production)**	MT102 (p,γ) >>

F19 (p,2n+p) or F17 production log-log



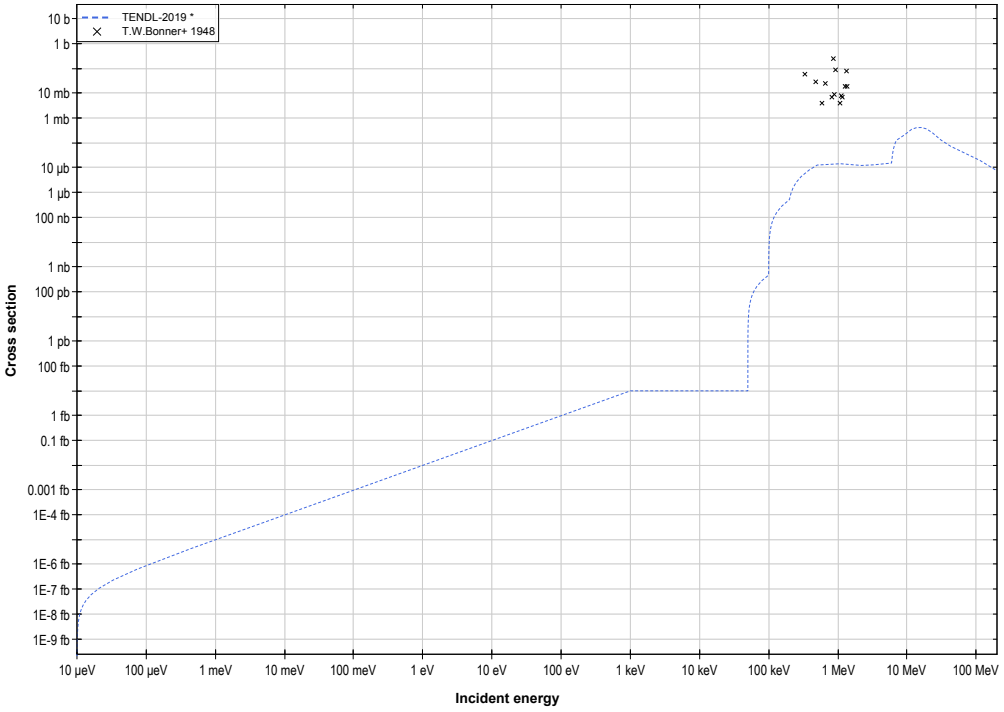
F19 (p,2n+p) or F17 production lin-log



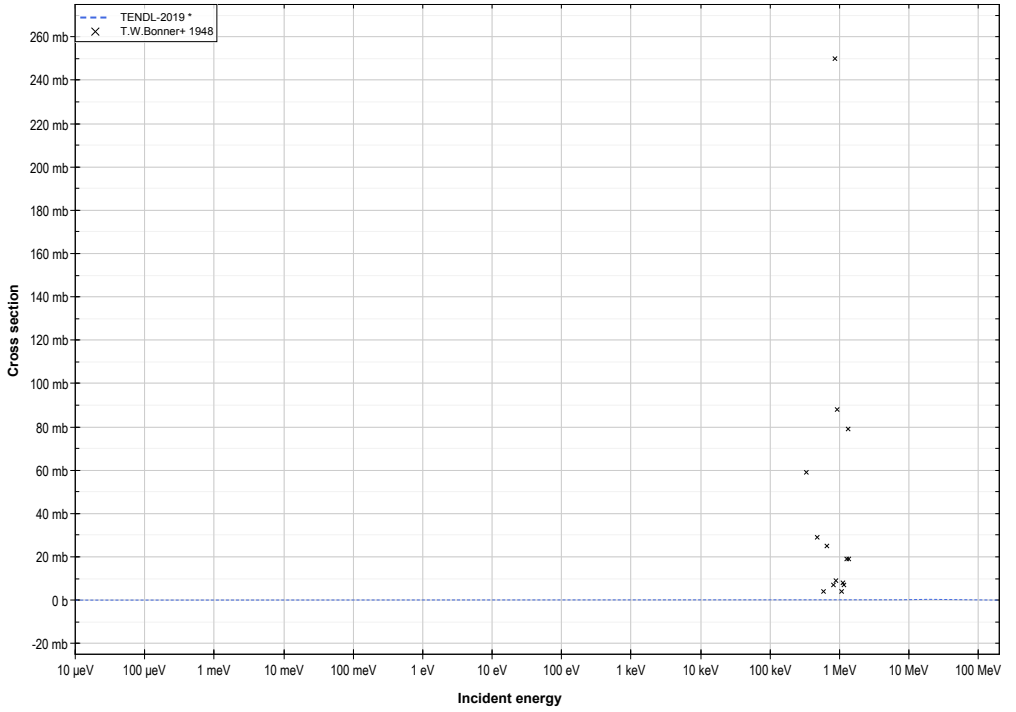
Reaction	Q-Value
F19(p,t)F17	-11099.98 keV
F19(p,n+d)F17	-17357.21 keV
F19(p,2n+p)F17	-19581.78 keV

<< 8-O-17	**9-F-19**	13-Al-27 >>
<< MT41 (p,2n+p)	**MT102 (p,γ) or MT5 (Ne20 production)**	MT104 (p,d) >>

F19 (p,γ) or Ne20 production log-log



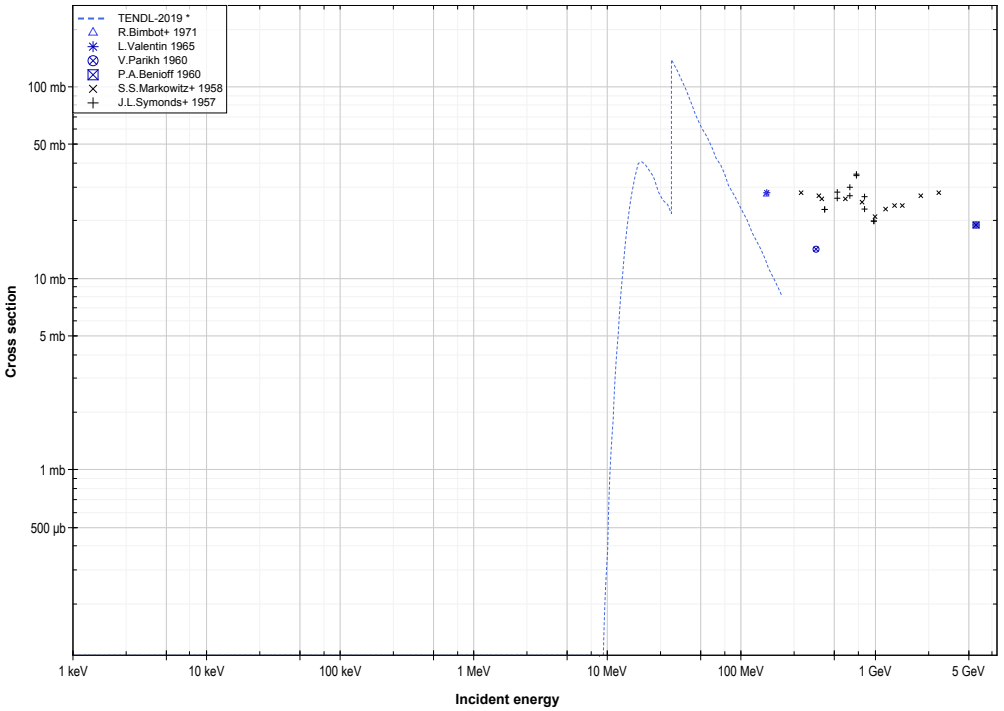
F19 (p,γ) or Ne20 production lin-log



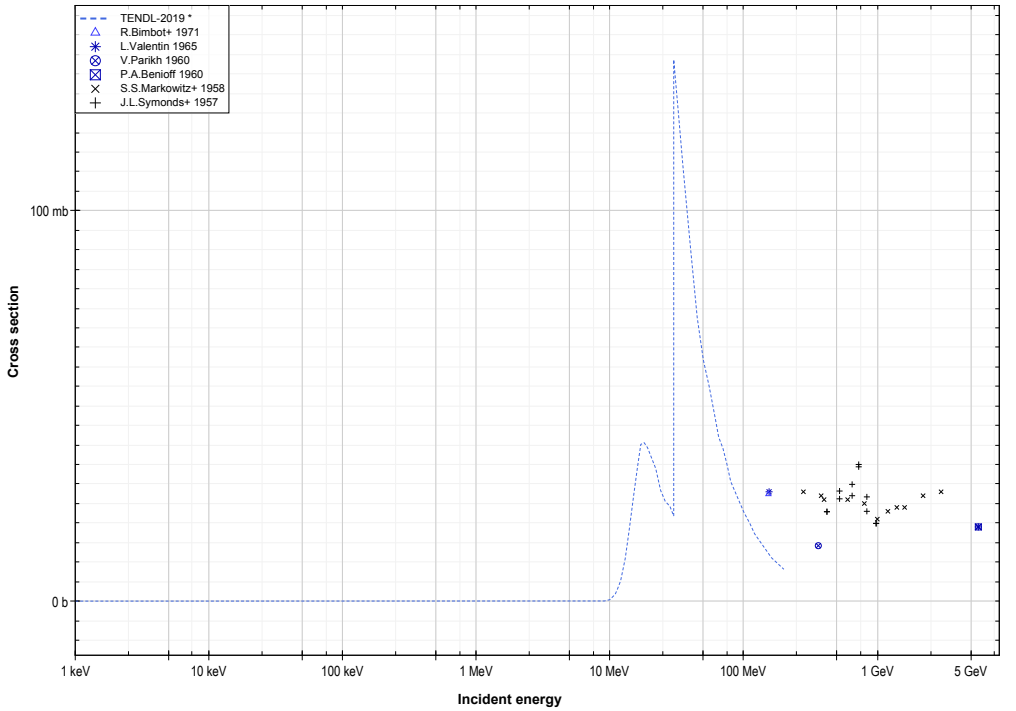
Reaction	Q-Value
F19(p,γ)Ne20	12843.46 keV

<< 8-O-16	**9-F-19**	11-Na-23 >>
<< MT102 (p,γ)	**MT104 (p,d) or MT5 (F18 production)**	MT105 (p,t) >>

F19 (p,d) or F18 production log-log



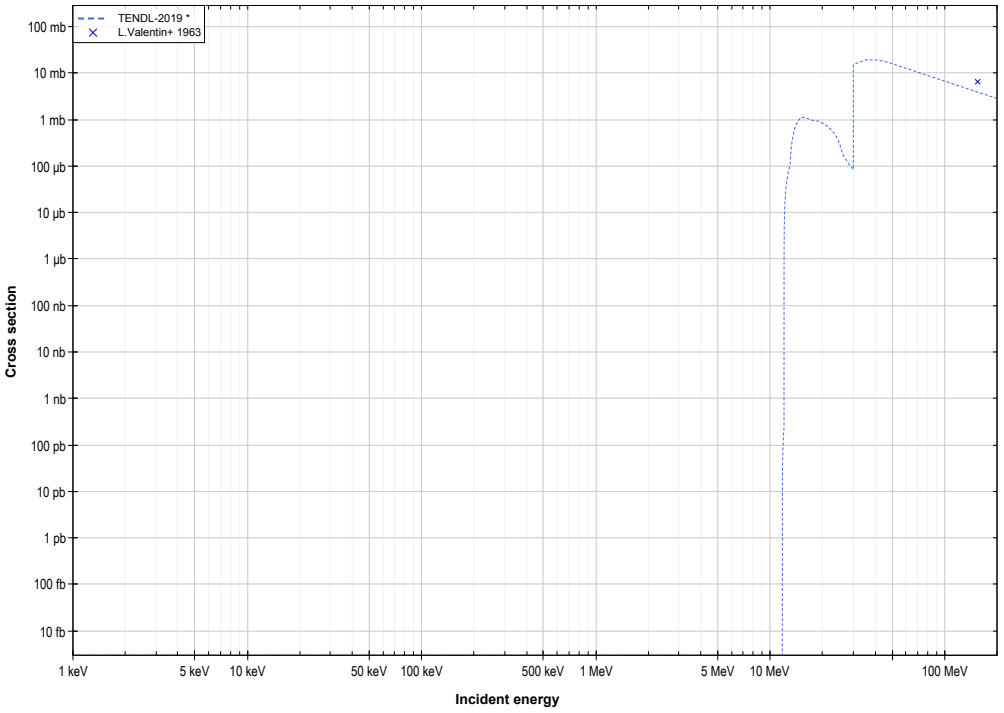
F19 (p,d) or F18 production lin-log



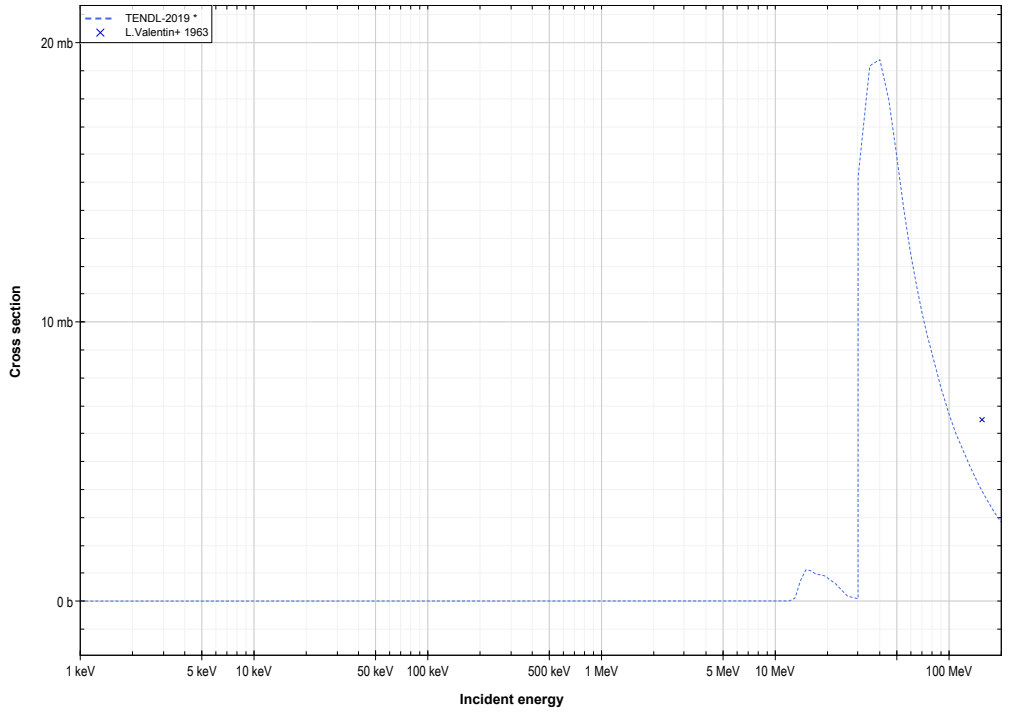
Reaction	Q-Value
F19(p,d)F18	-8207.30 keV
F19(p,n+p)F18	-10431.86 keV

<< 8-O-16	**9-F-19**	21-Sc-45 >>
<< MT104 (p,d)	**MT105 (p,t) or MT5 (F17 production)**	MT107 (p,α) >>

F19 (p,t) or F17 production log-log



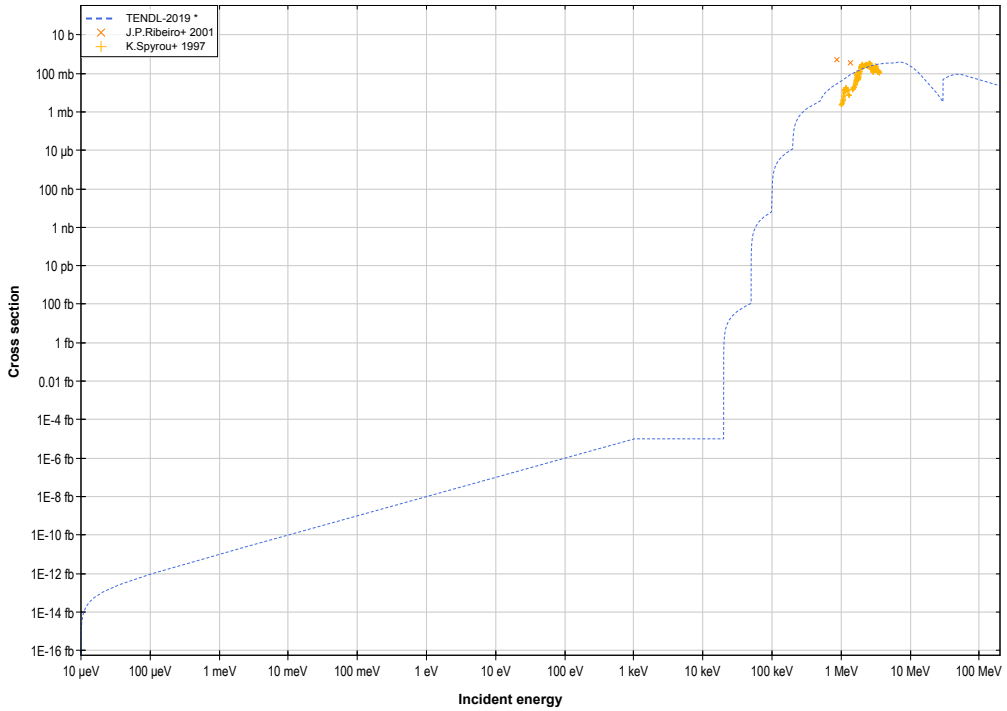
F19 (p,t) or F17 production lin-log



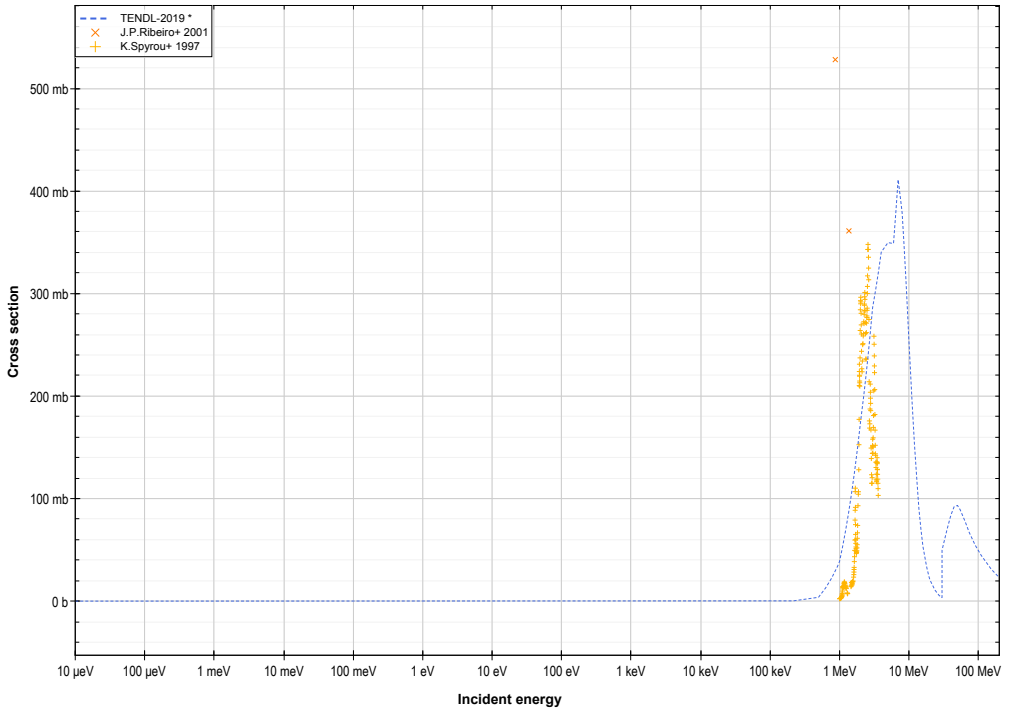
Reaction	Q-Value
F19(p,t)F17	-11099.98 keV
F19(p,n+d)F17	-17357.21 keV
F19(p,2n+p)F17	-19581.78 keV

<< 9-F-18	**9-F-19**	10-Ne-20 >>
<< MT105 (p,t)	**MT107 (p,α) or MT5 (O16 production)**	MT155 (p,t+α) >>

F19 (p,α) or O16 production log-log



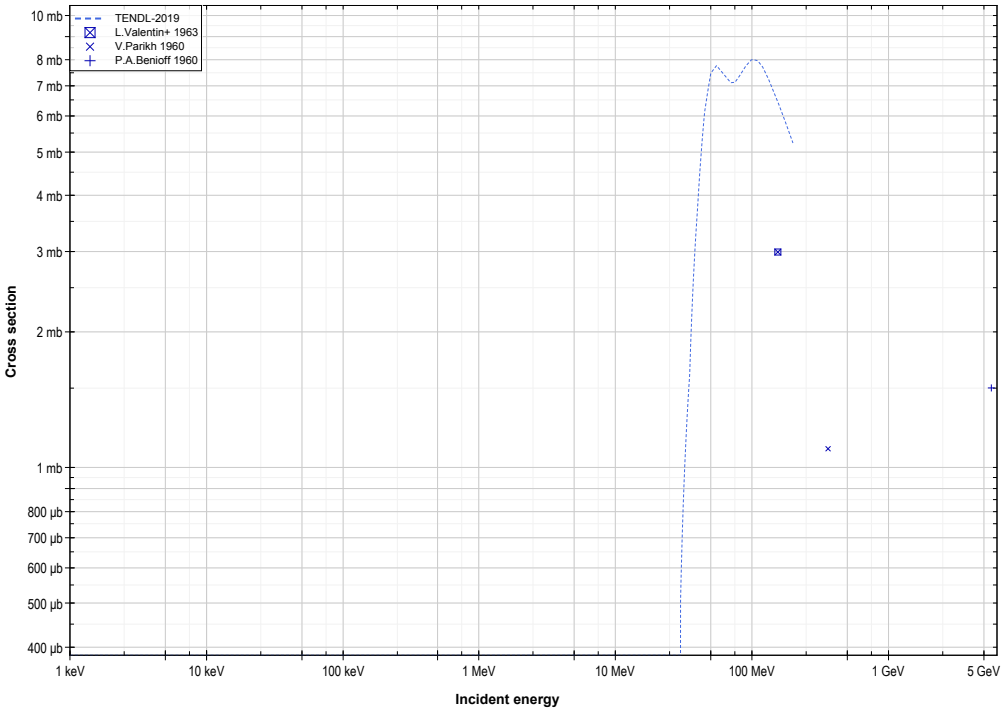
F19 (p,α) or O16 production lin-log



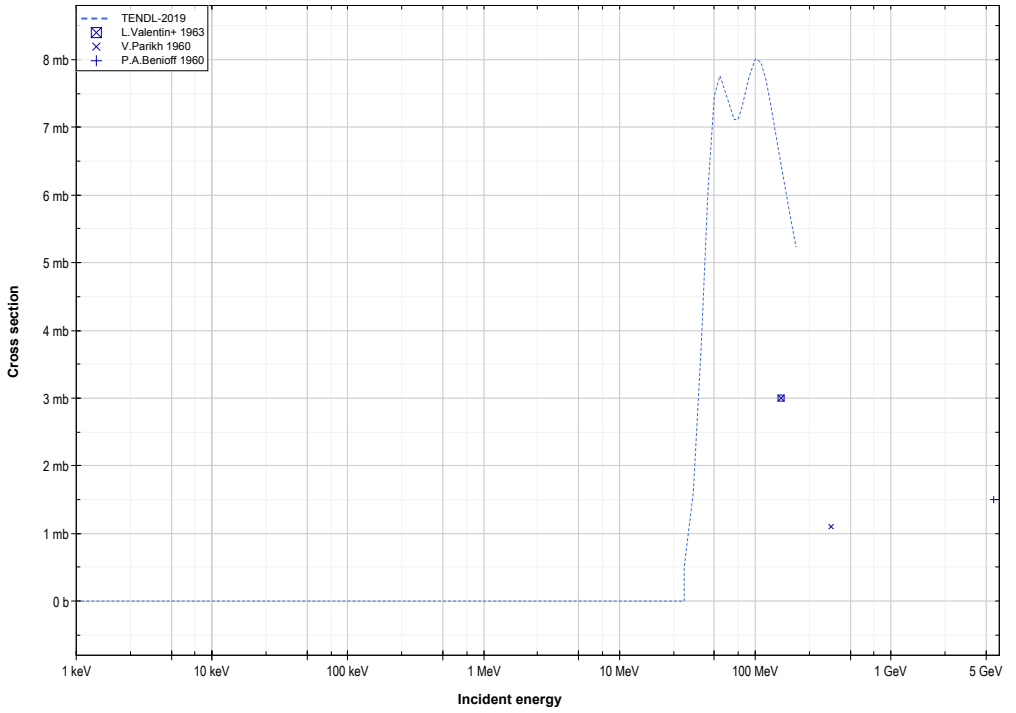
Reaction	Q-Value
F19(p,α)O16	8113.61 keV
F19(p,p+t)O16	-11700.25 keV
F19(p,n+He3)O16	-12464.01 keV
F19(p,2d)O16	-15732.92 keV
F19(p,n+p+d)O16	-17957.48 keV
F19(p,2n+2p)O16	-20182.05 keV

<< 8-O-16	**9-F-19**	39-Y-89 >>
<< MT107 (p,α)	**MT155 (p,t+α) or MT5 (N13 production)**	MT158 (p,n+d+α) >>

F19 (p,t+α) or N13 production log-log



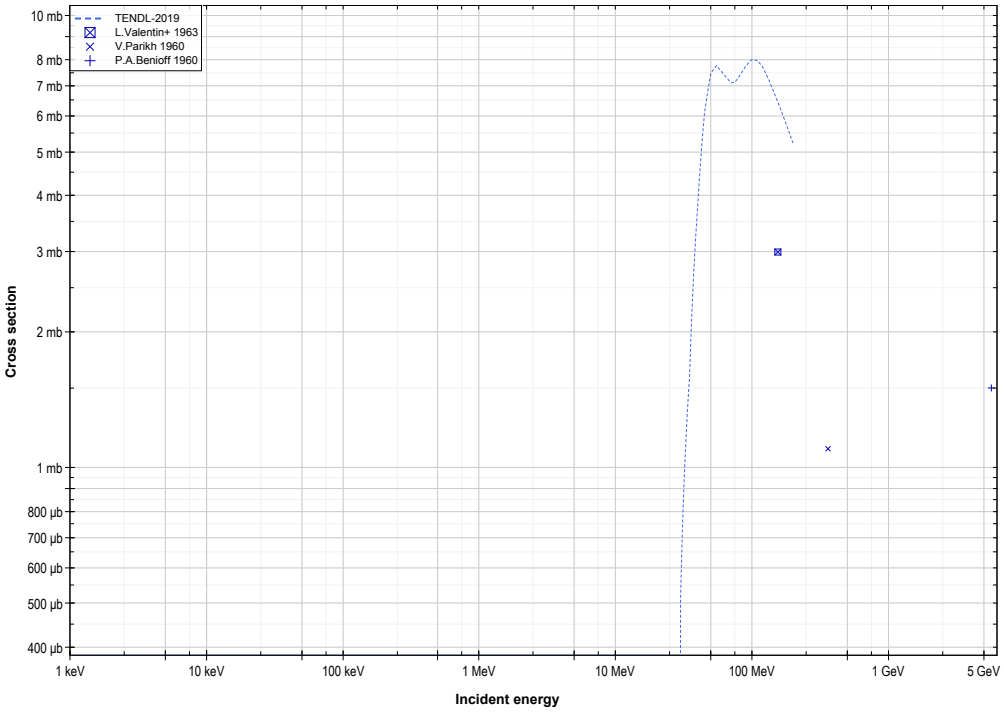
F19 (p,t+α) or N13 production lin-log



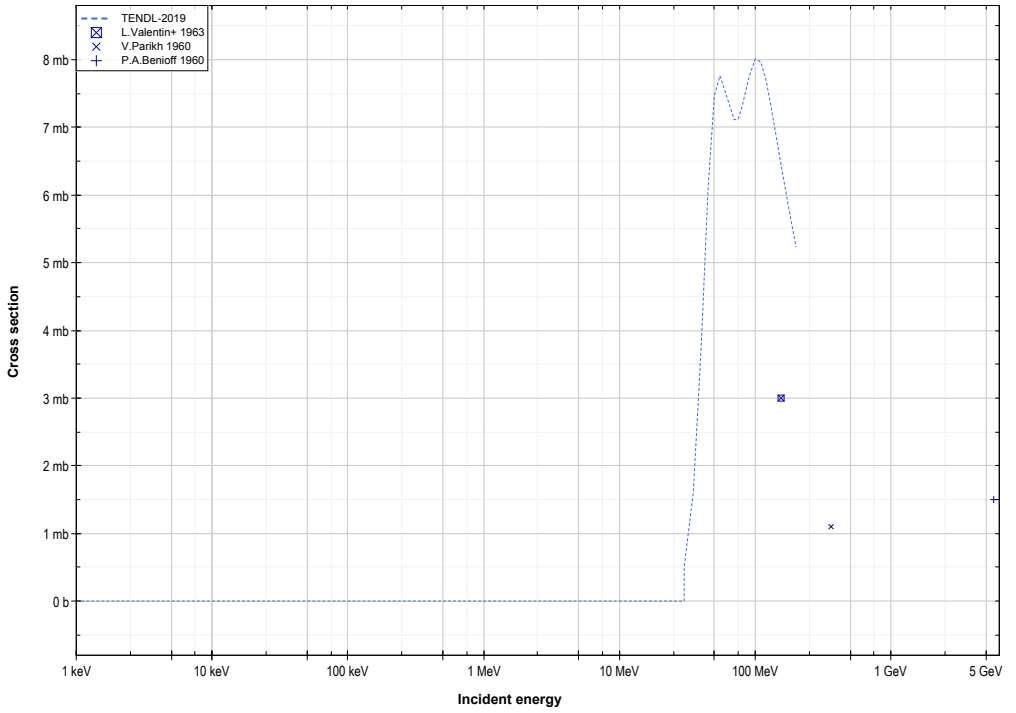
Reaction	Q-Value	Reaction	Q-Value
F19(p,t+α)N13	-16918.68 keV	F19(p,2n+2p+t)N13	-45214.34 keV
F19(p,n+d+α)N13	-23175.91 keV	F19(p,3n+p+He3)N13	-45978.09 keV
F19(p,2n+p+α)N13	-25400.47 keV	F19(p,n+3d)N13	-47022.44 keV
F19(p,p+2t)N13	-36732.54 keV	F19(p,2n+p+2d)N13	-49247.00 keV
F19(p,n+t+He3)N13	-37496.30 keV	F19(p,3n+2p+d)N13	-51471.57 keV
F19(p,2d+t)N13	-40765.21 keV	F19(p,4n+3p)N13	-53696.13 keV
F19(p,n+p+d+t)N13	-42989.77 keV		
F19(p,2n+d+He3)N13	-43753.53 keV		

<< 8-O-16	**9-F-19**	39-Y-89 >>
<< MT155 (p,t+α)	**MT158 (p,n+d+α) or MT5 (N13 production)**	MT159 (p,2n+p+α) >>

F19 (p,n+d+α) or N13 production log-log



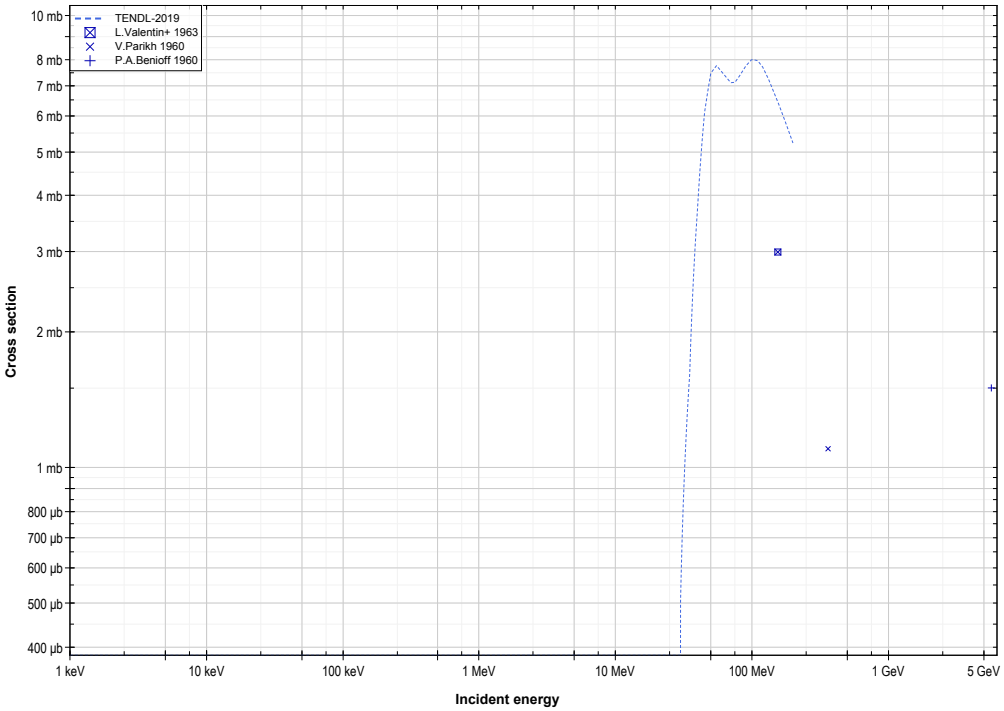
F19 (p,n+d+α) or N13 production lin-log



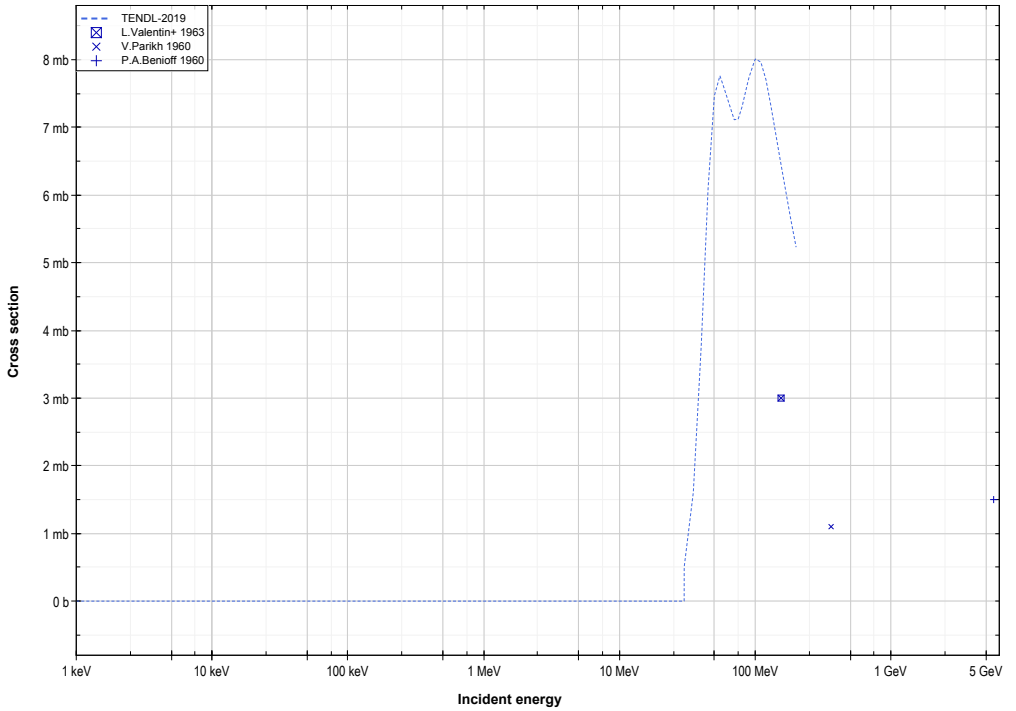
Reaction	Q-Value	Reaction	Q-Value
F19(p,t+α)N13	-16918.68 keV	F19(p,2n+2p+t)N13	-45214.34 keV
F19(p,n+d+α)N13	-23175.91 keV	F19(p,3n+p+He3)N13	-45978.09 keV
F19(p,2n+p+α)N13	-25400.47 keV	F19(p,n+3d)N13	-47022.44 keV
F19(p,p+2t)N13	-36732.54 keV	F19(p,2n+p+2d)N13	-49247.00 keV
F19(p,n+t+He3)N13	-37496.30 keV	F19(p,3n+2p+d)N13	-51471.57 keV
F19(p,2d+t)N13	-40765.21 keV	F19(p,4n+3p)N13	-53696.13 keV
F19(p,n+p+d+t)N13	-42989.77 keV		
F19(p,2n+d+He3)N13	-43753.53 keV		

<< 8-O-16	**9-F-19**	39-Y-89 >>
<< MT158 (p,n+d+α)	**MT159 (p,2n+p+α) or MT5 (N13 production)**	MT176 (p,2n+^{3}He) >>

F19 (p,2n+p+α) or N13 production log-log



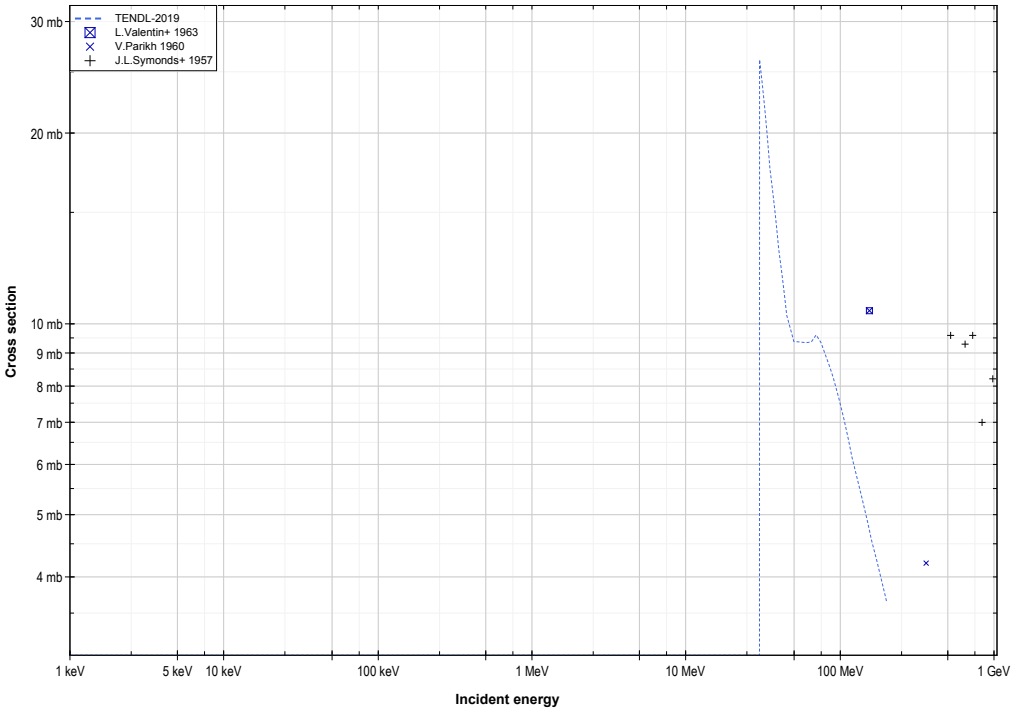
F19 (p,2n+p+α) or N13 production lin-log



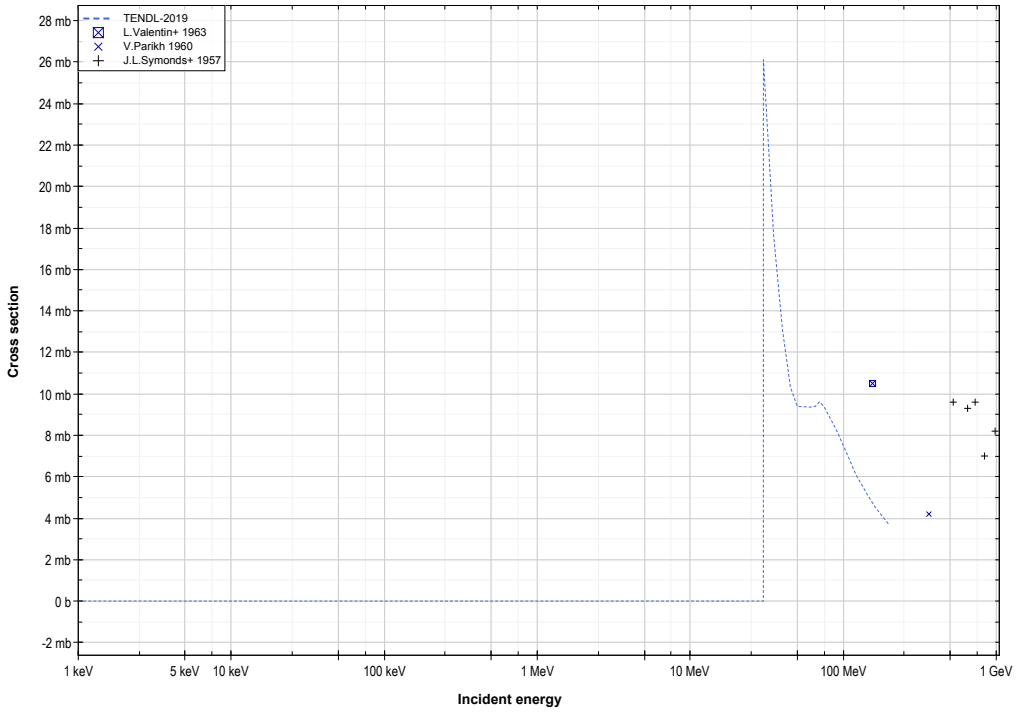
Reaction	Q-Value	Reaction	Q-Value
F19(p,t+α)N13	-16918.68 keV	F19(p,2n+2p+t)N13	-45214.34 keV
F19(p,n+d+α)N13	-23175.91 keV	F19(p,3n+p+He3)N13	-45978.09 keV
F19(p,2n+p+α)N13	-25400.47 keV	F19(p,n+3d)N13	-47022.44 keV
F19(p,p+2t)N13	-36732.54 keV	F19(p,2n+p+2d)N13	-49247.00 keV
F19(p,n+t+He3)N13	-37496.30 keV	F19(p,3n+2p+d)N13	-51471.57 keV
F19(p,2d+t)N13	-40765.21 keV	F19(p,4n+3p)N13	-53696.13 keV
F19(p,n+p+d+t)N13	-42989.77 keV		
F19(p,2n+d+He3)N13	-43753.53 keV		

<< 7-N-14	**9-F-19**	12-Mg-26 >>
<< MT159 (p,2n+p+α)	**MT176 (p,2n+³He) or MT5 (O15 production)**	MT177 (p,3n+³He) >>

F19 (p,2n+³He) or O15 production log-log



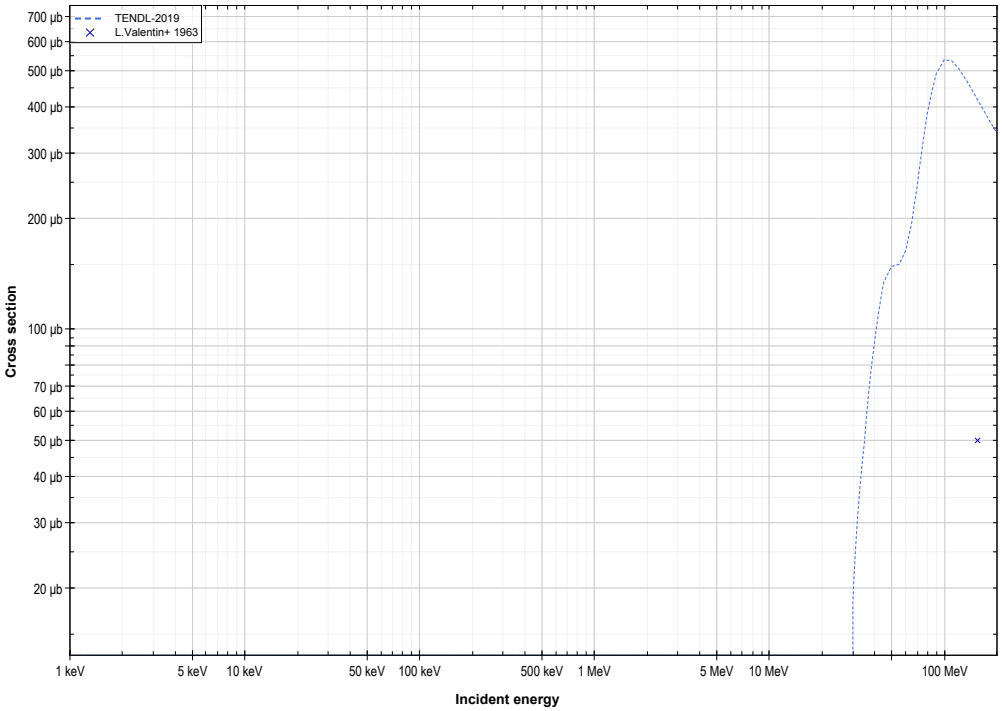
F19 (p,2n+³He) or O15 production lin-log



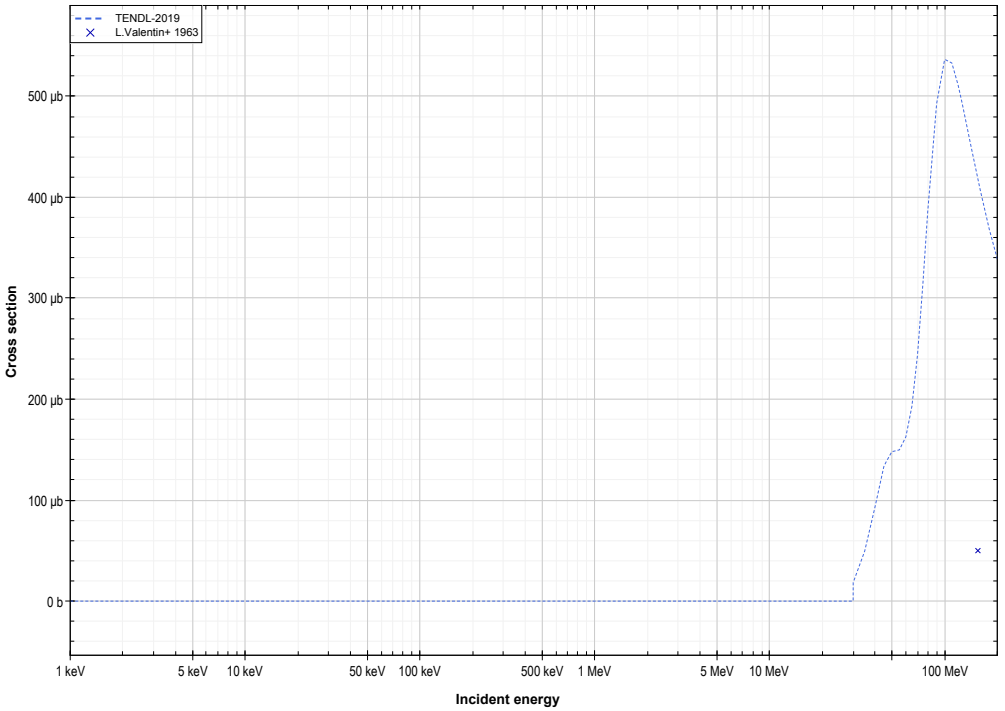
Reaction	Q-Value
F19(p,n+α)O15	-7550.31 keV
F19(p,d+t)O15	-25139.61 keV
F19(p,n+p+t)O15	-27364.17 keV
F19(p,2n+He3)O15	-28127.93 keV
F19(p,n+2d)O15	-31396.83 keV
F19(p,2n+p+d)O15	-33621.40 keV
F19(p,3n+2p)O15	-35845.97 keV

<< 8-O-18	**9-F-19**	28-Ni-62 >>
<< MT176 (p,2n+³He)	**MT177 (p,3n+³He) or MT5 (O14 production)**	MT179 (p,3n+2p) >>

F19 (p,3n+³He) or O14 production log-log



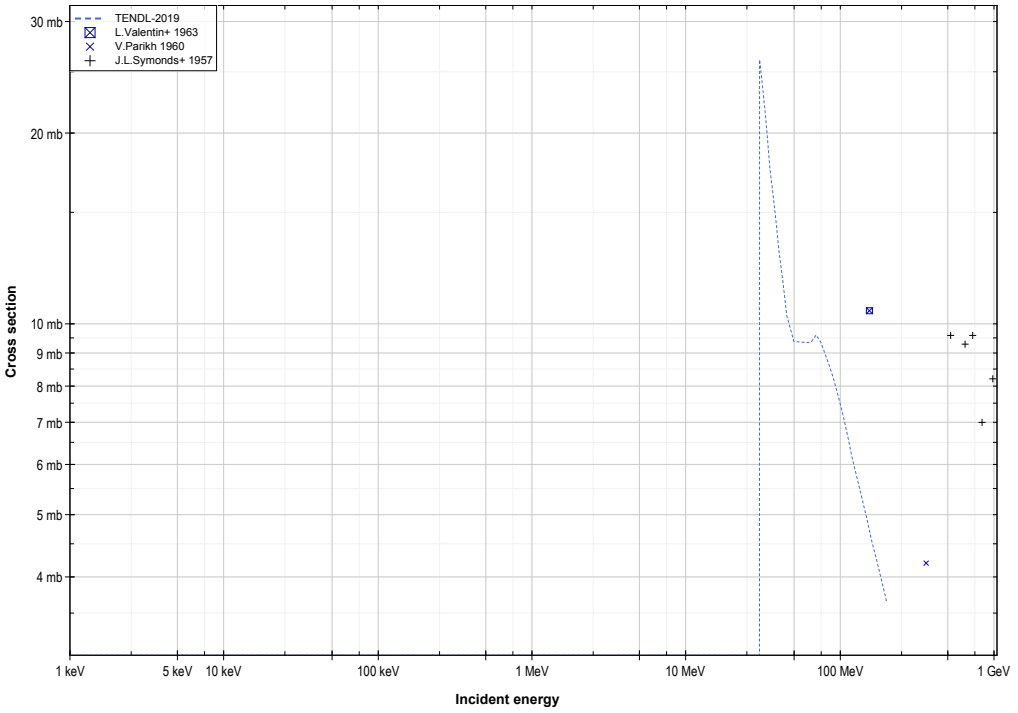
F19 (p,3n+³He) or O14 production lin-log



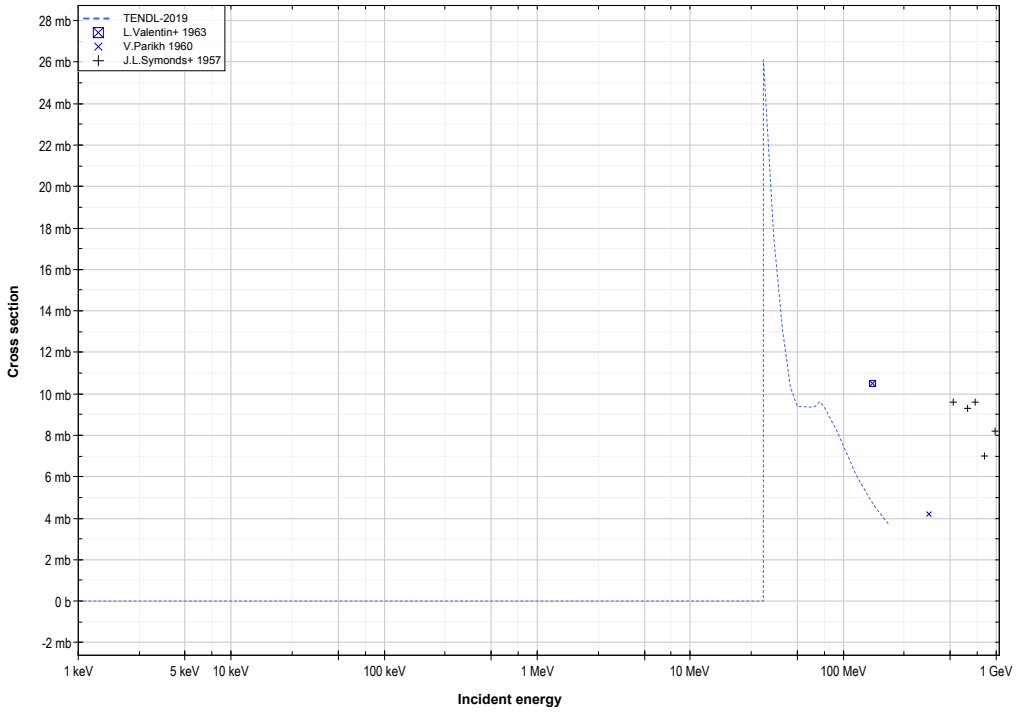
Reaction	Q-Value
F19(p,2n+α)O14	-20773.80 keV
F19(p,2t)O14	-32105.87 keV
F19(p,n+d+t)O14	-38363.10 keV
F19(p,2n+p+t)O14	-40587.67 keV
F19(p,3n+He3)O14	-41351.42 keV
F19(p,2n+2d)O14	-44620.33 keV
F19(p,3n+p+d)O14	-46844.90 keV
F19(p,4n+2p)O14	-49069.46 keV

<< 7-N-14	**9-F-19**	12-Mg-26 >>
<< MT177 (p,3n+^{3}He)	**MT179 (p,3n+2p) or MT5 (O15 production)**	MT182 (p,d+t) >>

F19 (p,3n+2p) or O15 production log-log



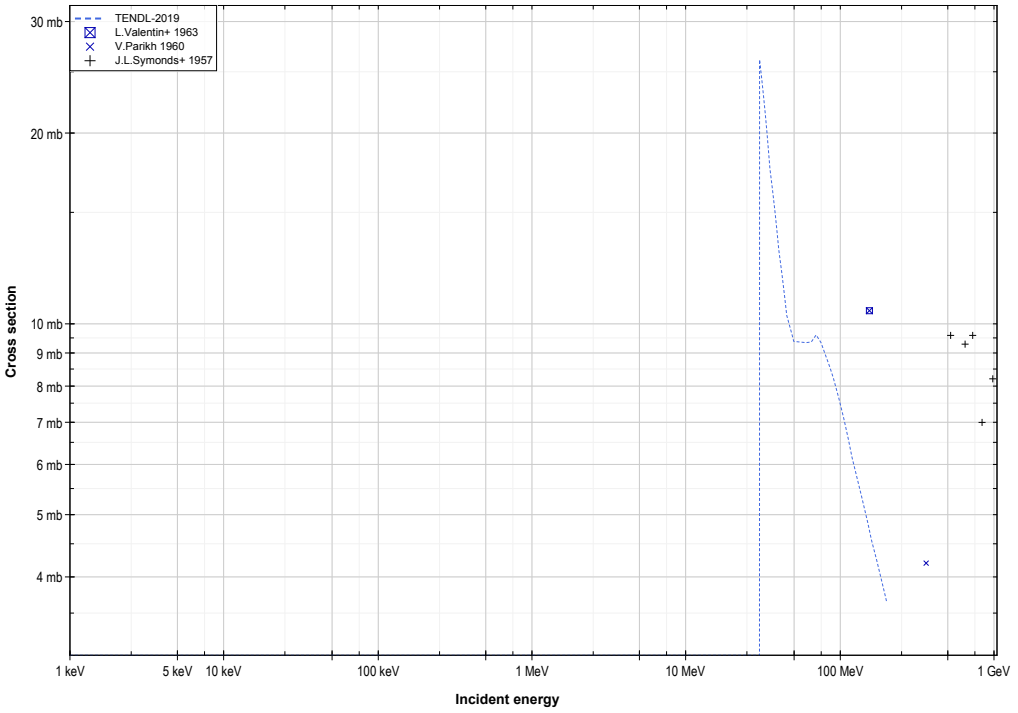
F19 (p,3n+2p) or O15 production lin-log



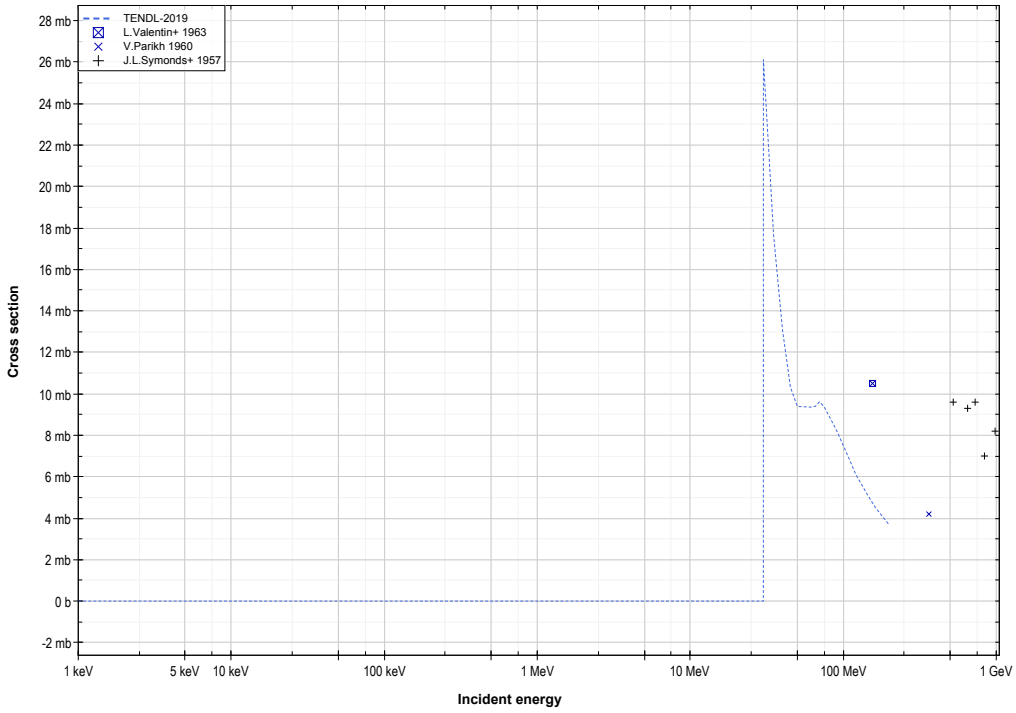
Reaction	Q-Value
F19(p,n+α)O15	-7550.31 keV
F19(p,d+t)O15	-25139.61 keV
F19(p,n+p+t)O15	-27364.17 keV
F19(p,2n+He3)O15	-28127.93 keV
F19(p,n+2d)O15	-31396.83 keV
F19(p,2n+p+d)O15	-33621.40 keV
F19(p,3n+2p)O15	-35845.97 keV

<< 7-N-14	**9-F-19**	12-Mg-26 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (O15 production)**	MT184 (p,n+p+t) >>

F19 (p,d+t) or O15 production log-log



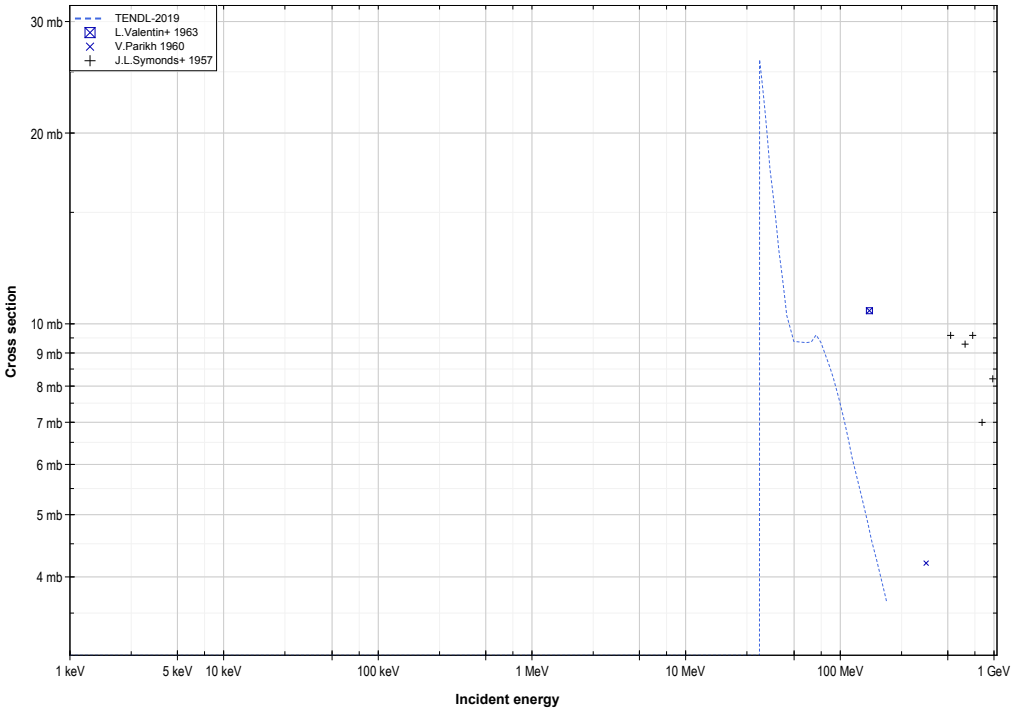
F19 (p,d+t) or O15 production lin-log



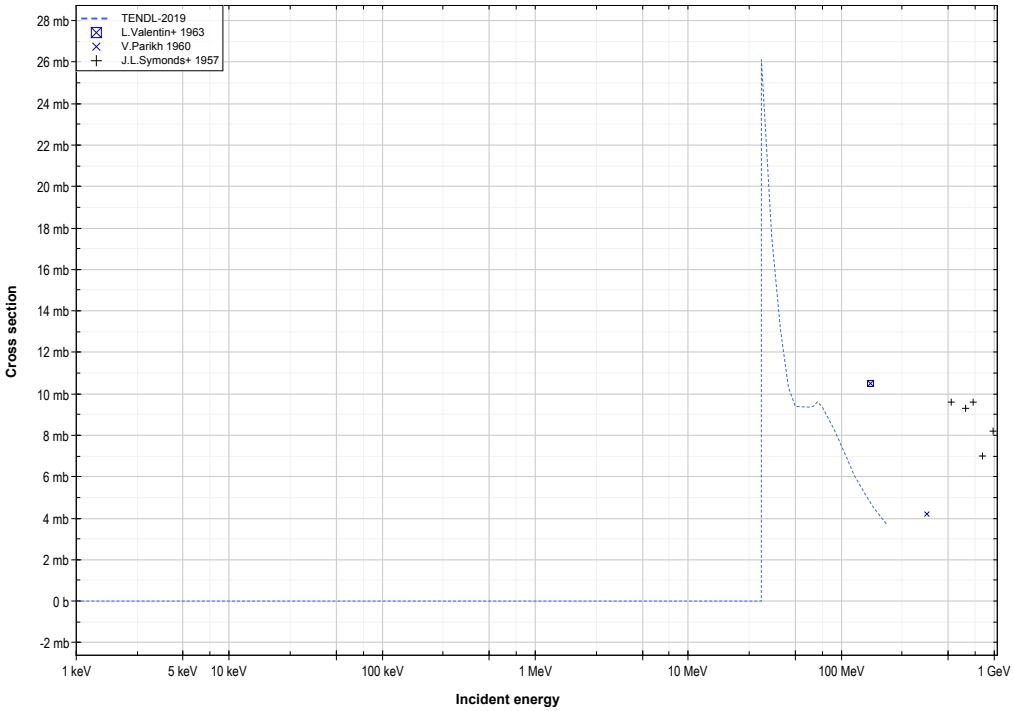
Reaction	Q-Value
F19(p,n+α)O15	-7550.31 keV
F19(p,d+t)O15	-25139.61 keV
F19(p,n+p+t)O15	-27364.17 keV
F19(p,2n+He3)O15	-28127.93 keV
F19(p,n+2d)O15	-31396.83 keV
F19(p,2n+p+d)O15	-33621.40 keV
F19(p,3n+2p)O15	-35845.97 keV

<< 7-N-14	**9-F-19**	12-Mg-26 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (O15 production)**	MT185 (p,n+d+t) >>

F19 (p,n+p+t) or O15 production log-log



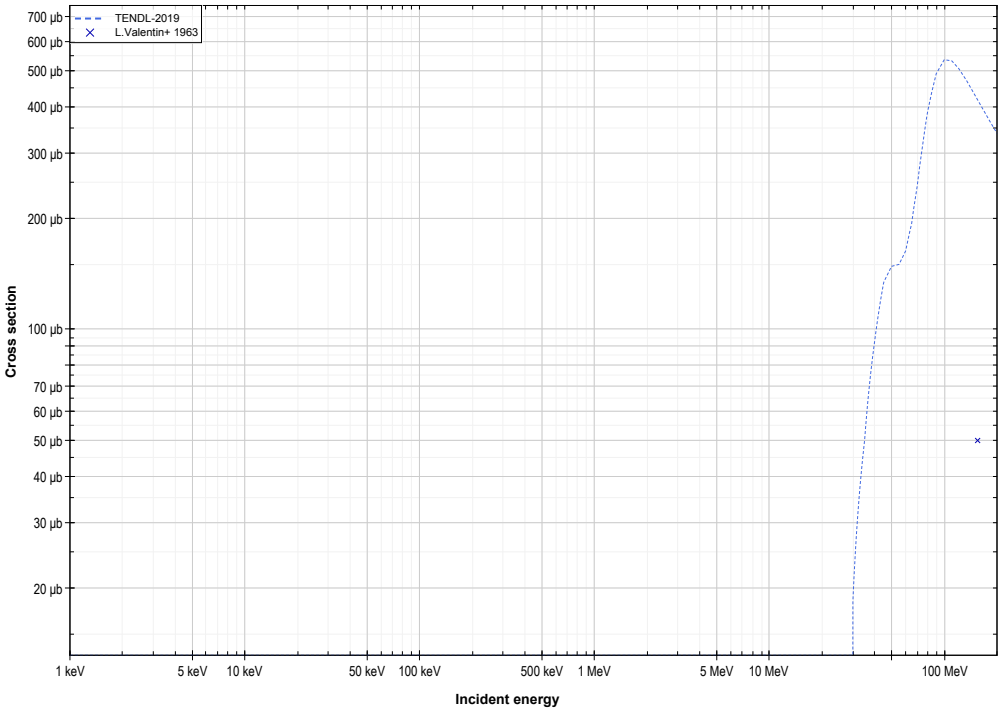
F19 (p,n+p+t) or O15 production lin-log



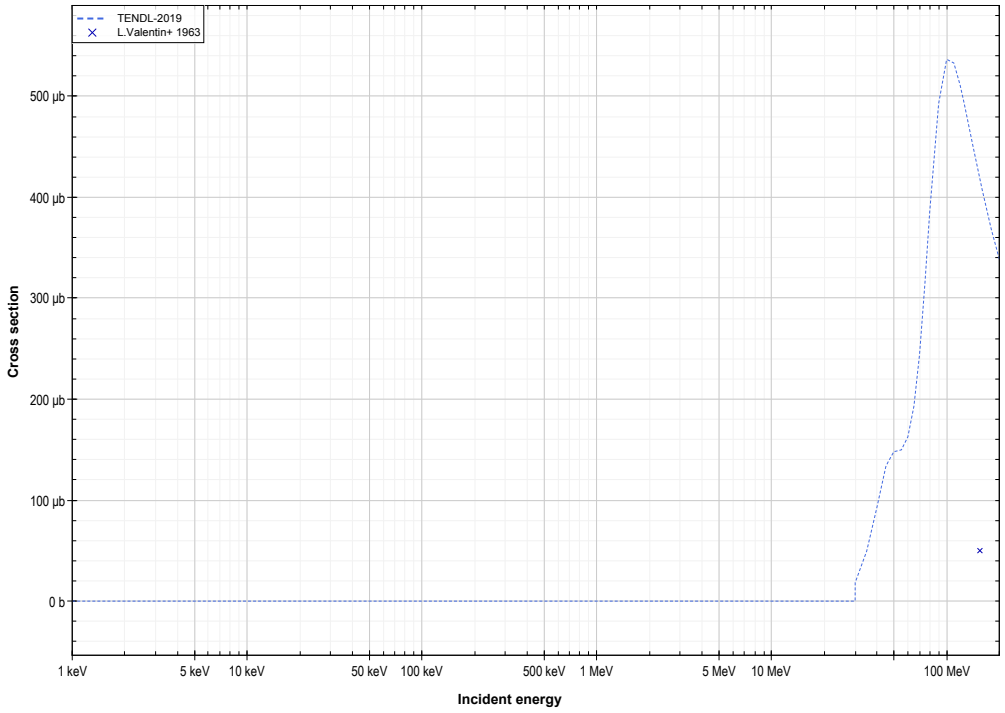
Reaction	Q-Value
F19(p,n+α)O15	-7550.31 keV
F19(p,d+t)O15	-25139.61 keV
F19(p,n+p+t)O15	-27364.17 keV
F19(p,2n+He3)O15	-28127.93 keV
F19(p,n+2d)O15	-31396.83 keV
F19(p,2n+p+d)O15	-33621.40 keV
F19(p,3n+2p)O15	-35845.97 keV

<< 8-O-18	**9-F-19**	28-Ni-62 >>
<< MT184 (p,n+p+t)	**MT185 (p,n+d+t) or MT5 (O14 production)**	MT188 (p,n+t+^{3}He) >>

F19 (p,n+d+t) or O14 production log-log



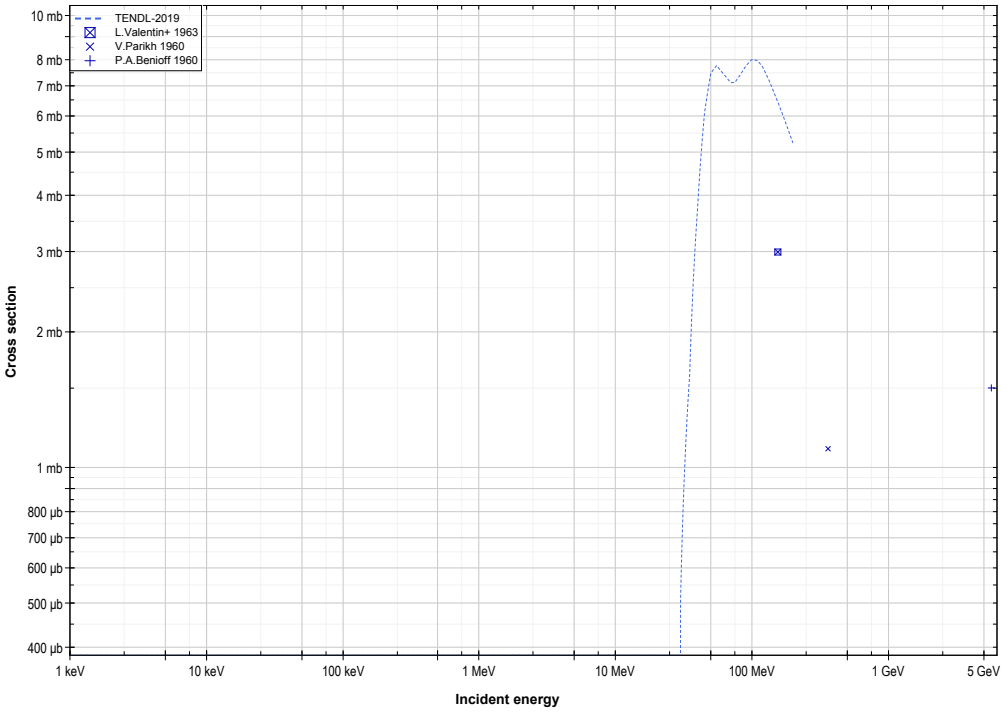
F19 (p,n+d+t) or O14 production lin-log



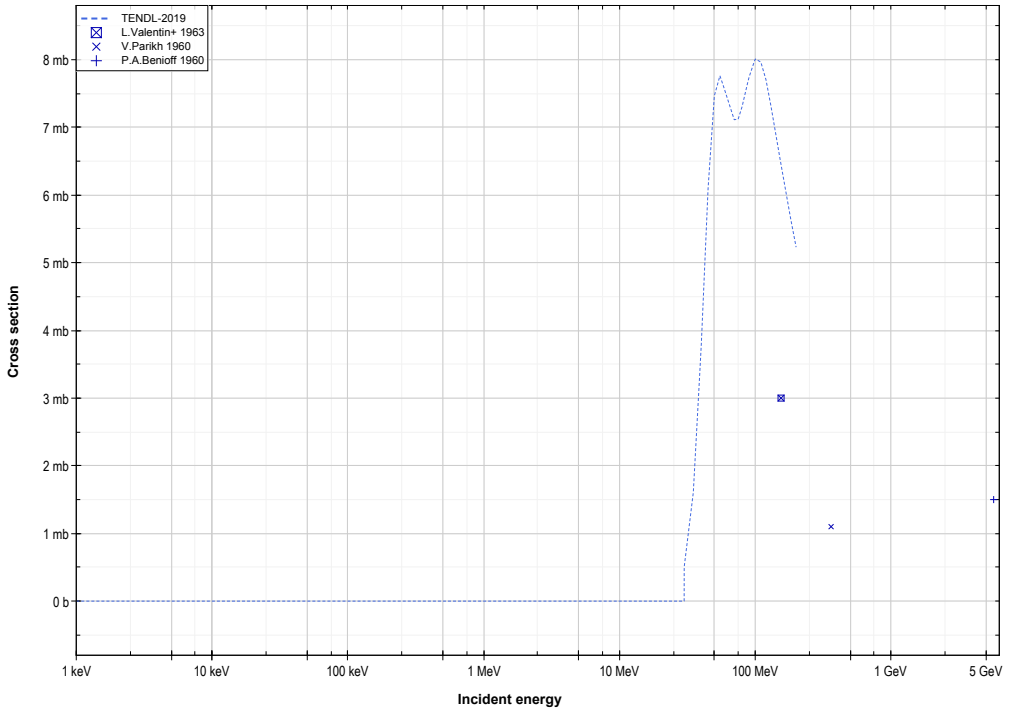
Reaction	Q-Value
F19(p,2n+α)O14	-20773.80 keV
F19(p,2t)O14	-32105.87 keV
F19(p,n+d+t)O14	-38363.10 keV
F19(p,2n+p+t)O14	-40587.67 keV
F19(p,3n+He3)O14	-41351.42 keV
F19(p,2n+2d)O14	-44620.33 keV
F19(p,3n+p+d)O14	-46844.90 keV
F19(p,4n+2p)O14	-49069.46 keV

<< 8-O-16	**9-F-19**	39-Y-89 >>
<< MT185 (p,n+d+t)	**MT188 (p,n+t+^{3}He) or MT5 (N13 production)**	MT194 (p,4n+2p) >>

F19 (p,n+t+^{3}He) or N13 production log-log



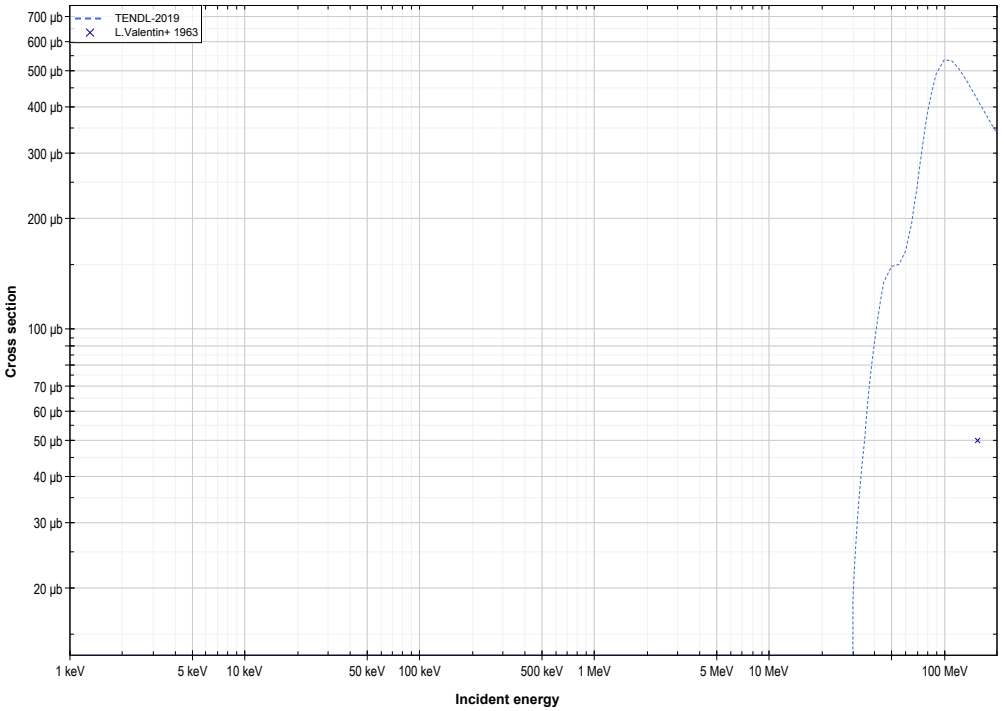
F19 (p,n+t+^{3}He) or N13 production lin-log



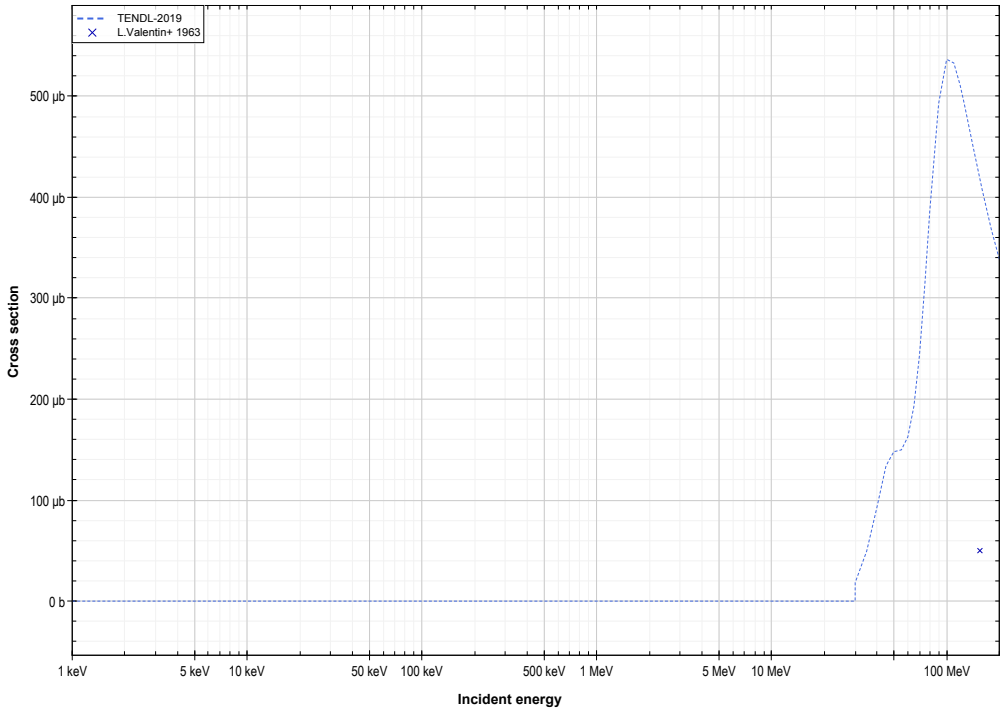
Reaction	Q-Value	Reaction	Q-Value
F19(p,t+α)N13	-16918.68 keV	F19(p,2n+2p+t)N13	-45214.34 keV
F19(p,n+d+α)N13	-23175.91 keV	F19(p,3n+p+He3)N13	-45978.09 keV
F19(p,2n+p+α)N13	-25400.47 keV	F19(p,n+3d)N13	-47022.44 keV
F19(p,p+2t)N13	-36732.54 keV	F19(p,2n+p+2d)N13	-49247.00 keV
F19(p,n+t+He3)N13	-37496.30 keV	F19(p,3n+2p+d)N13	-51471.57 keV
F19(p,2d+t)N13	-40765.21 keV	F19(p,4n+3p)N13	-53696.13 keV
F19(p,n+p+d+t)N13	-42989.77 keV		
F19(p,2n+d+He3)N13	-43753.53 keV		

<< 8-O-18	**9-F-19**	28-Ni-62 >>
<< MT188 (p,n+t+³He)	**MT194 (p,4n+2p) or MT5 (O14 production)**	MT197 (p,3p) >>

F19 (p,4n+2p) or O14 production log-log



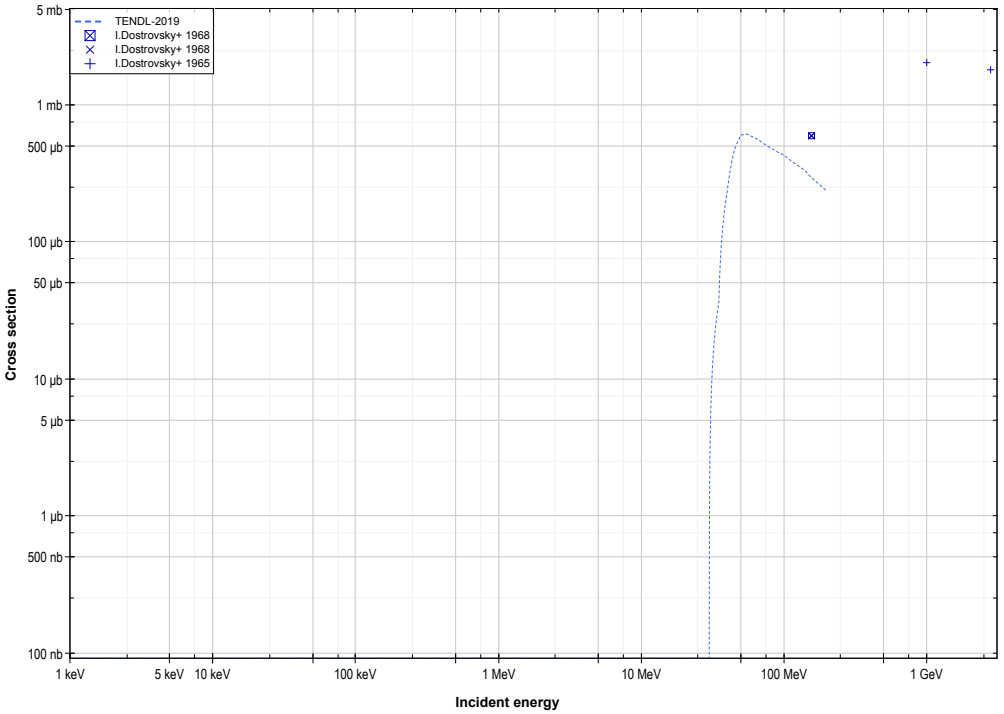
F19 (p,4n+2p) or O14 production lin-log



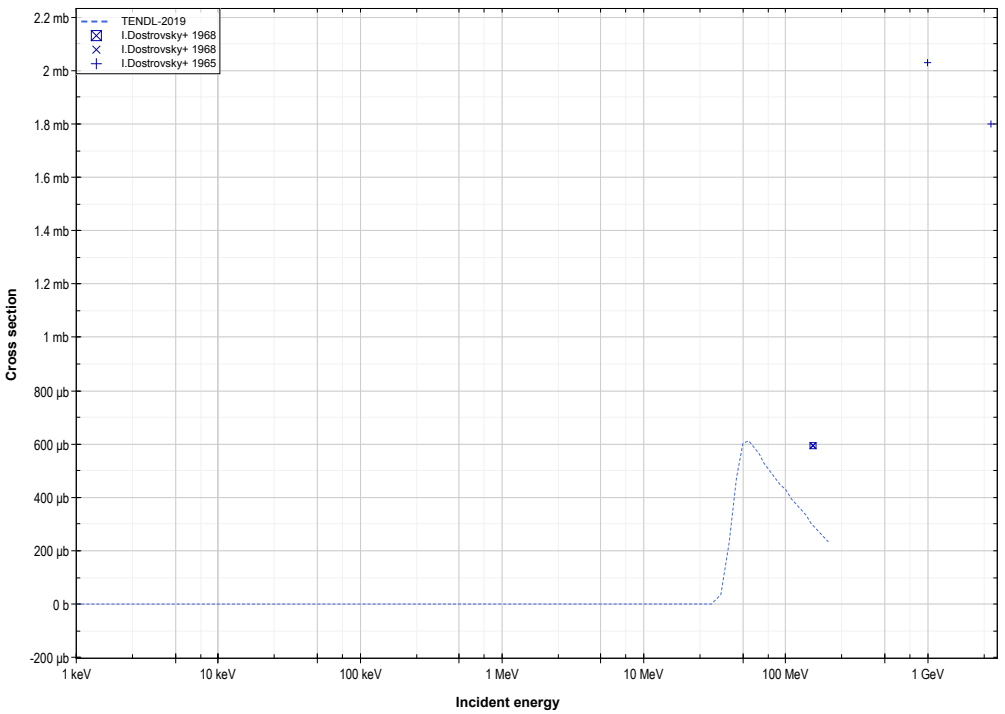
Reaction	Q-Value
F19(p,2n+α)O14	-20773.80 keV
F19(p,2t)O14	-32105.87 keV
F19(p,n+d+t)O14	-38363.10 keV
F19(p,2n+p+t)O14	-40587.67 keV
F19(p,3n+He3)O14	-41351.42 keV
F19(p,2n+2d)O14	-44620.33 keV
F19(p,3n+p+d)O14	-46844.90 keV
F19(p,4n+2p)O14	-49069.46 keV

<< 8-O-18	**9-F-19**	14-Si-28 >>
<< MT194 (p,4n+2p)	**MT197 (p,3p) or MT5 (N17 production)**	MT199 (p,3n+2p+α) >>

F19 (p,3p) or N17 production log-log



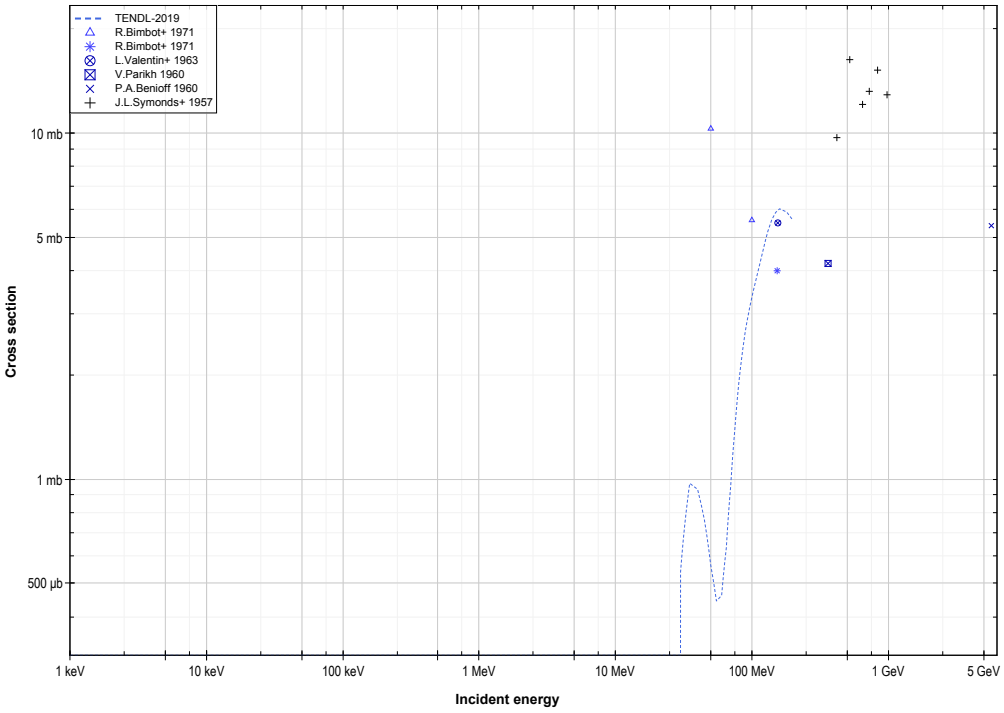
F19 (p,3p) or N17 production lin-log



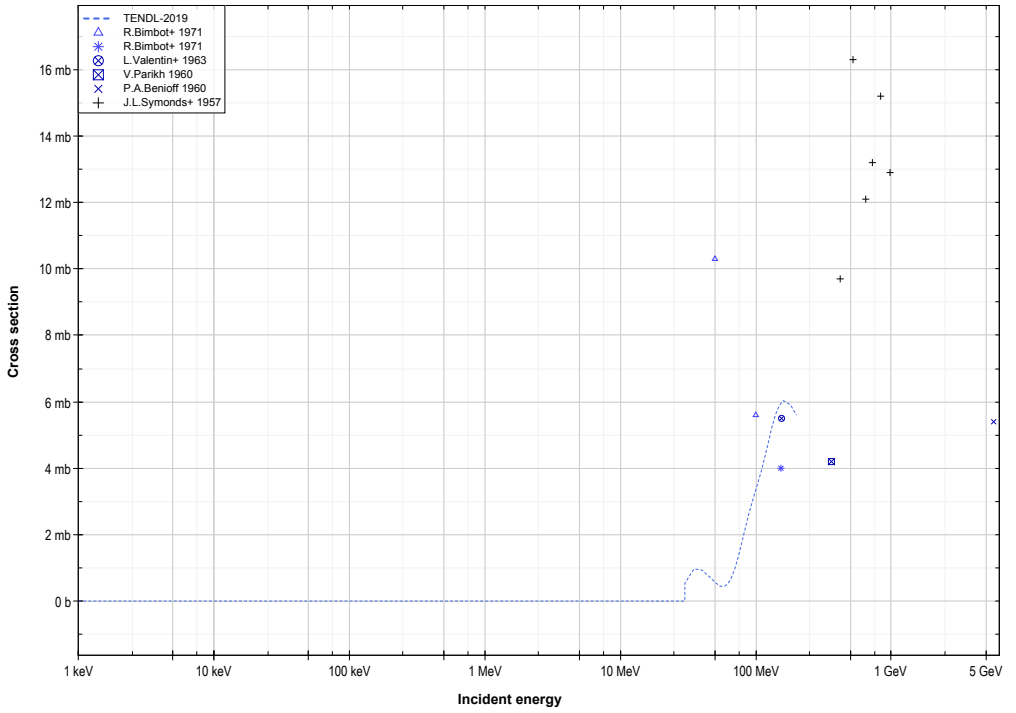
Reaction	Q-Value
F19(p,3p)N17	-23935.39 keV

<< 7-N-15	**9-F-19**	11-Na-23 >>
<< MT197 (p,3p)	**MT199 (p,3n+2p+α) or MT5 (C11 production)**	10-Ne-20 MT107 (p,α) >>

F19 (p,3n+2p+α) or C11 production log-log



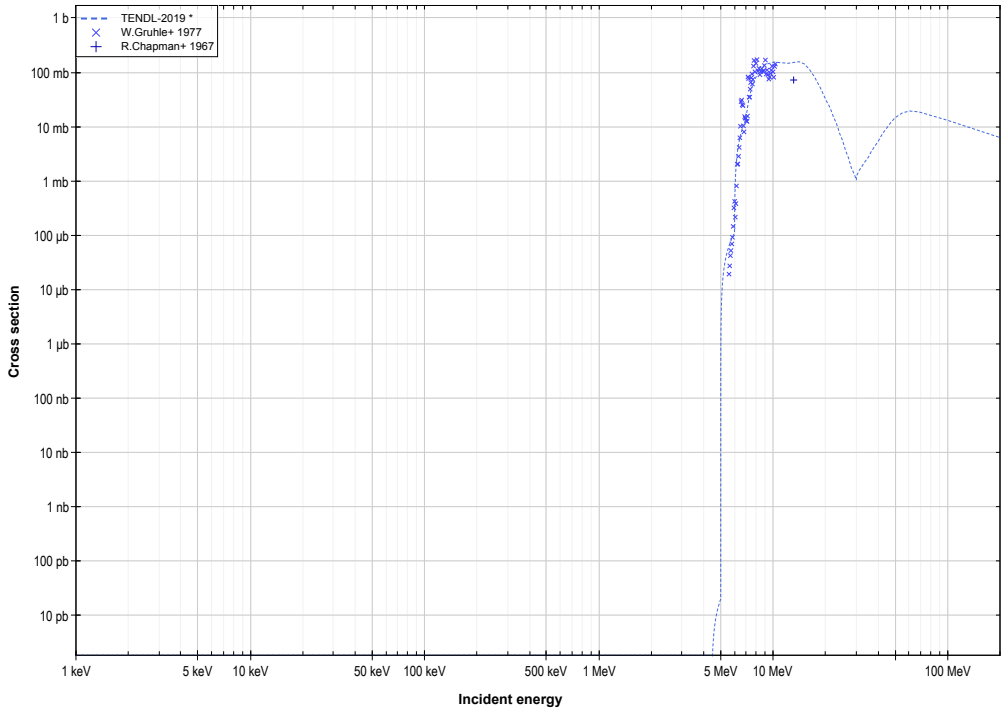
F19 (p,3n+2p+α) or C11 production lin-log



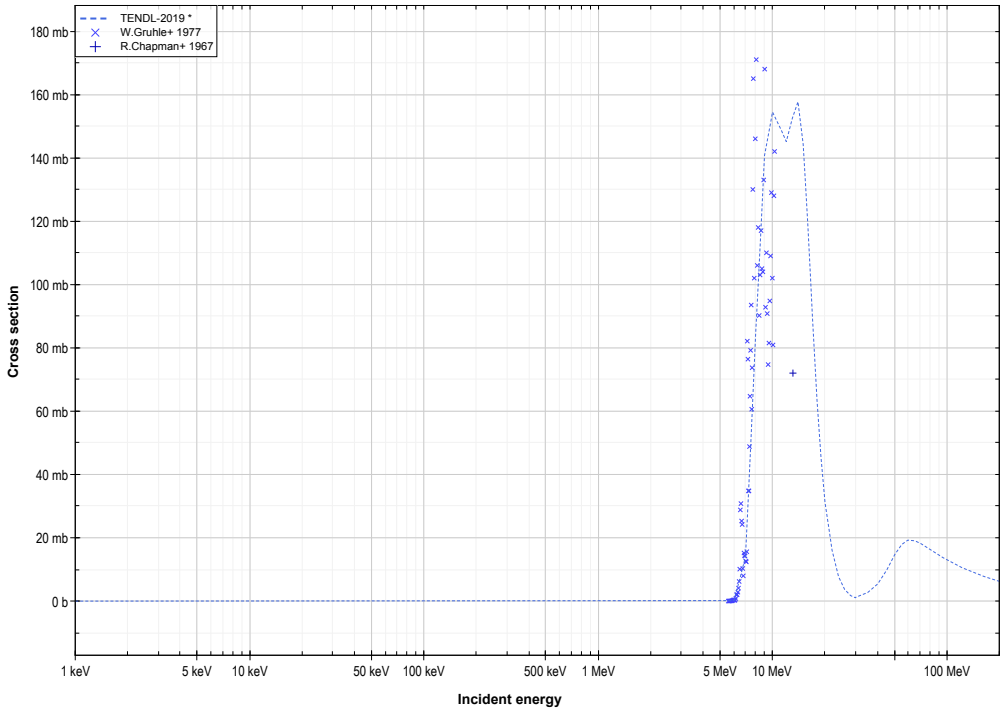
Reaction	Q-Value	Reaction	Q-Value
F19(p,n+2α)C11	-17769.02 keV	F19(p,p+d+2t)C11	-55172.19 keV
F19(p,d+t+α)C11	-35358.32 keV	F19(p,n+d+t+He3)C11	-55935.94 keV
F19(p,n+p+t+α)C11	-37582.89 keV	F19(p,n+2p+2t)C11	-57396.75 keV
F19(p,2n+He3+α)C11	-38346.64 keV	F19(p,2n+p+t+He3)C11	-58160.51 keV
F19(p,n+2d+α)C11	-41615.55 keV	F19(p,3n+2He3)C11	-58924.26 keV
F19(p,2n+p+d+α)C11	-43840.12 keV	F19(p,3d+t)C11	-59204.85 keV
F19(p,3n+2p+α)C11	-46064.68 keV	F19(p,n+p+2d+t)C11	-61429.41 keV
F19(p,2t+He3)C11	-49678.71 keV	F19(p,2n+2d+He3)C11	-62193.17 keV

<< 9-F-19	**10-Ne-20**	10-Ne-21 >>
<< 9-F-19 MT199 (p,3n+2p+α)	**MT107 (p,α) or MT5 (F17 production)**	10-Ne-21 MT107 (p,α) >>

Ne20 (p,α) or F17 production log-log



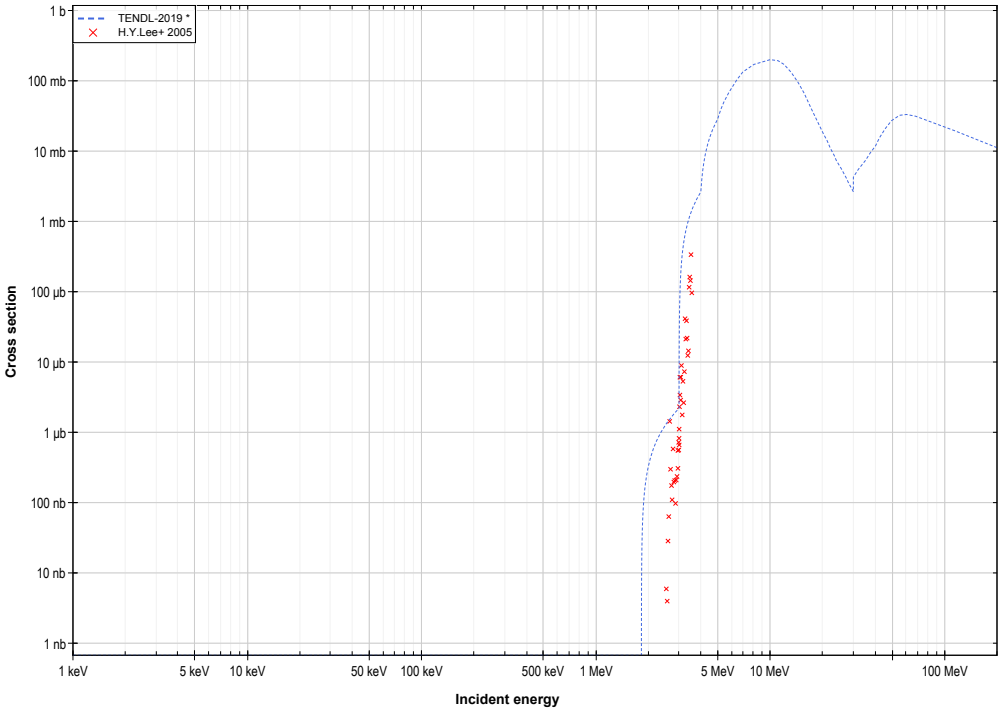
Ne20 (p,α) or F17 production lin-log



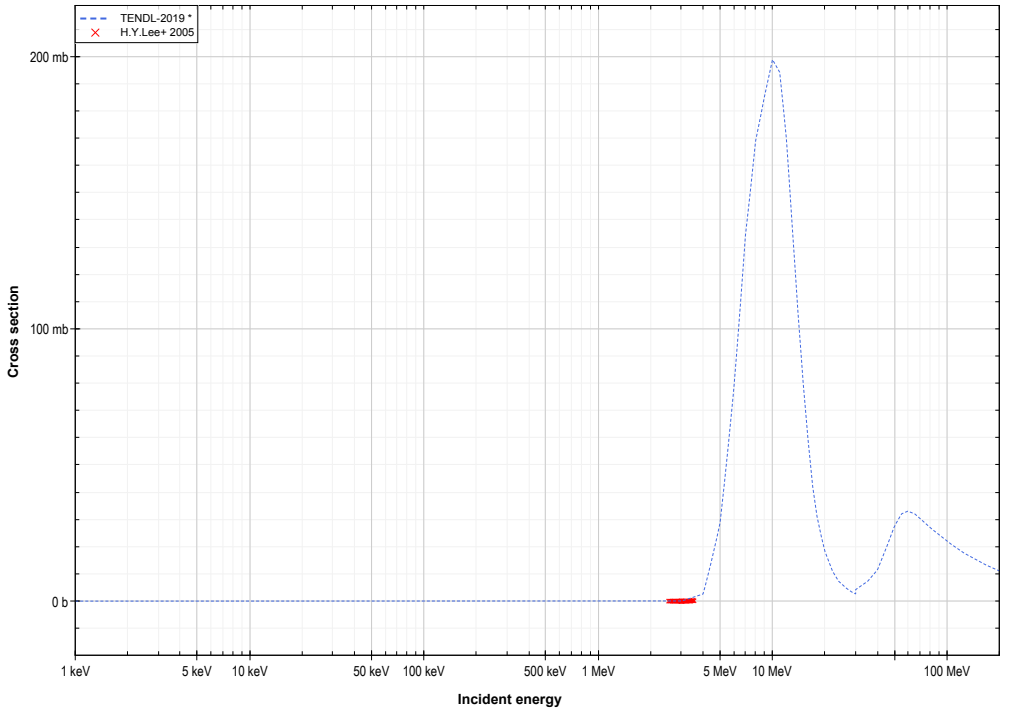
Reaction	Q-Value
Ne20(p,α)F17	-4129.58 keV
Ne20(p,p+t)F17	-23943.44 keV
Ne20(p,n+He3)F17	-24707.19 keV
Ne20(p,2d)F17	-27976.10 keV
Ne20(p,n+p+d)F17	-30200.67 keV
Ne20(p,2n+2p)F17	-32425.24 keV

<< 10-Ne-20	**10-Ne-21**	12-Mg-24 >>
<< 10-Ne-20 MT107 (p,α)	**MT107 (p,α) or MT5 (F18 production)**	10-Ne-22 MT4 (p,n) >>

Ne21 (p,α) or F18 production log-log



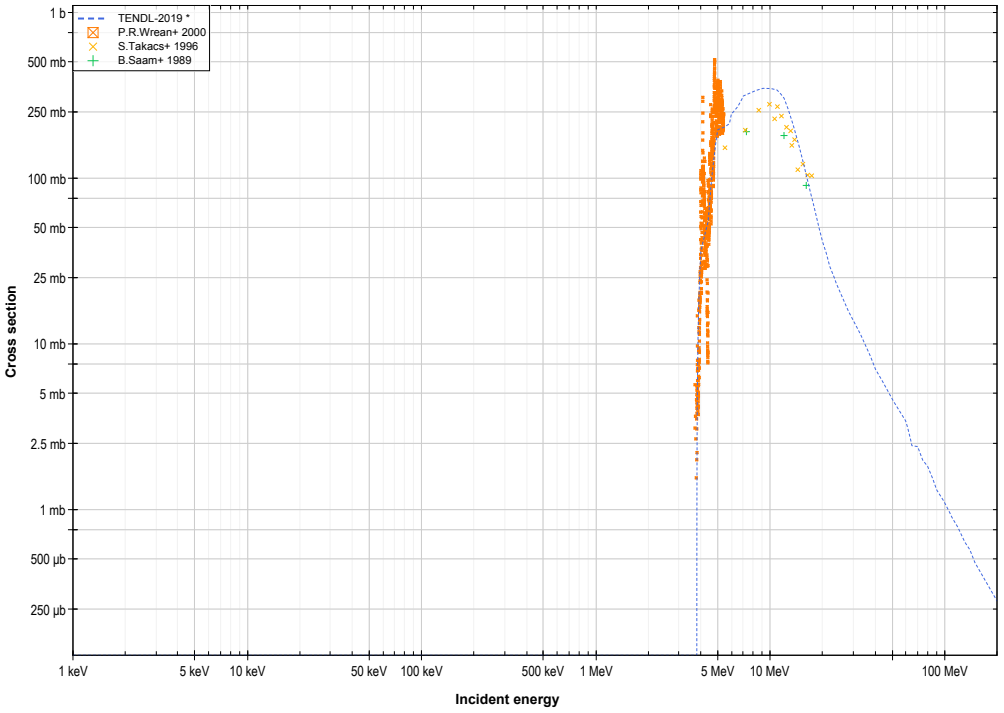
Ne21 (p,α) or F18 production lin-log



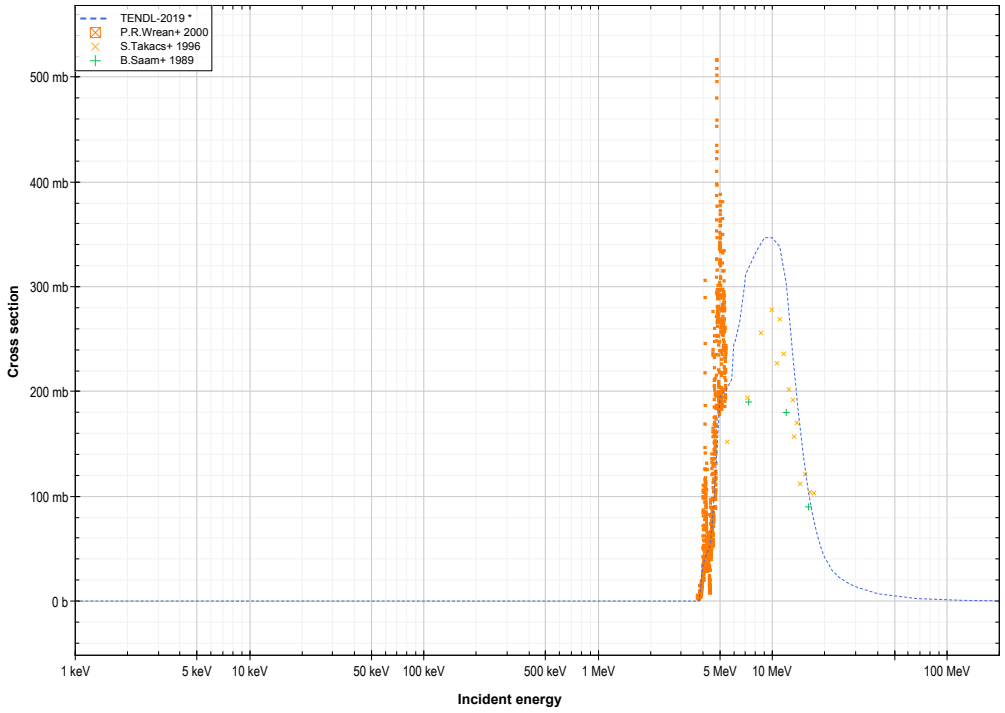
Reaction	Q-Value
Ne21(p,α)F18	-1740.82 keV
Ne21(p,p+t)F18	-21554.69 keV
Ne21(p,n+He3)F18	-22318.44 keV
Ne21(p,2d)F18	-25587.35 keV
Ne21(p,n+p+d)F18	-27811.92 keV
Ne21(p,2n+2p)F18	-30036.48 keV

<< 9-F-19	**10-Ne-22**	11-Na-23 >>
<< 10-Ne-21 MT107 (p,α)	**MT4 (p,n) or MT5 (Na22 production)**	11-Na-23 MT4 (p,n) >>

Ne22 (p,n) or Na22 production log-log



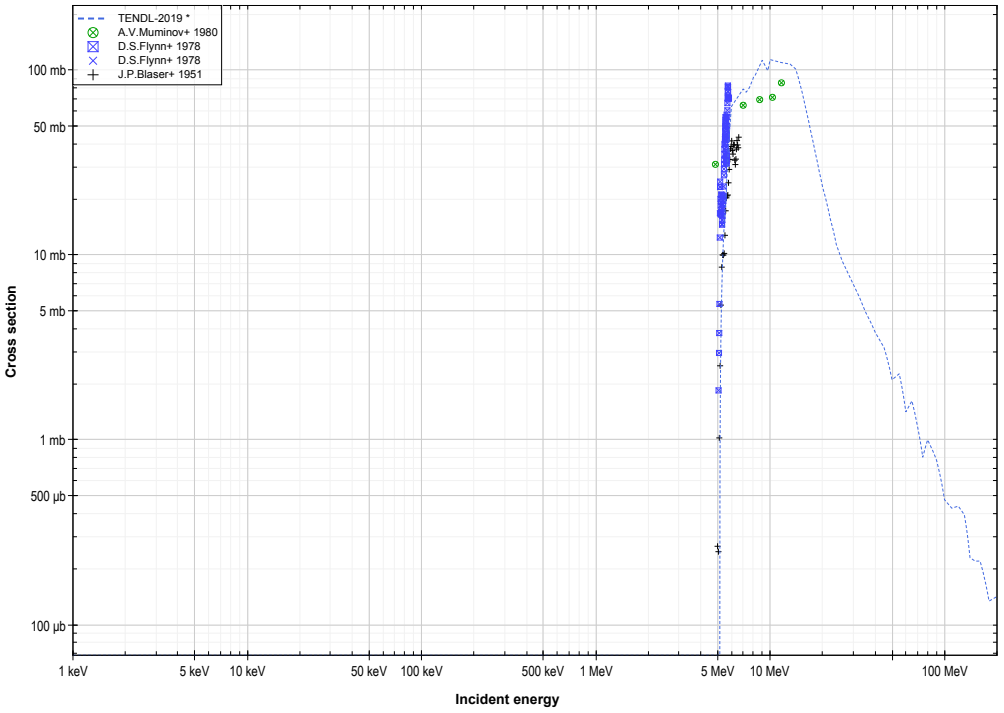
Ne22 (p,n) or Na22 production lin-log



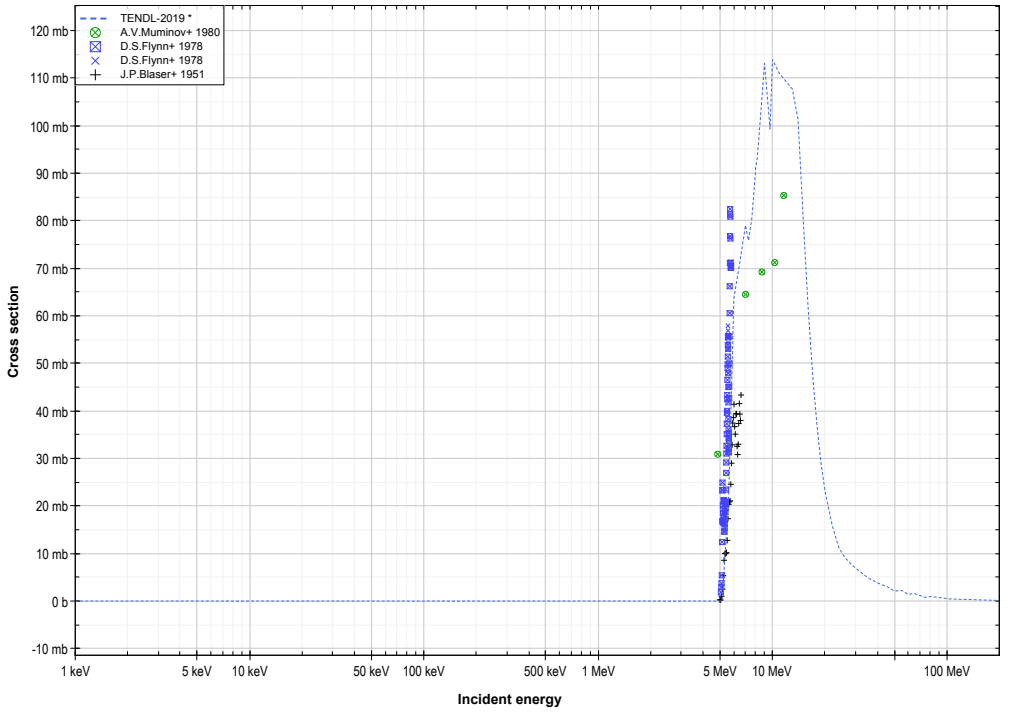
Reaction	Q-Value
Ne22(p,n)Na22	-3625.56 keV

<< 10-Ne-22	**11-Na-23**	12-Mg-25 >>
<< 10-Ne-22 MT4 (p,n)	**MT4 (p,n) or MT5 (Mg23 production)**	MT28 (p,n+p) >>

Na23 (p,n) or Mg23 production log-log



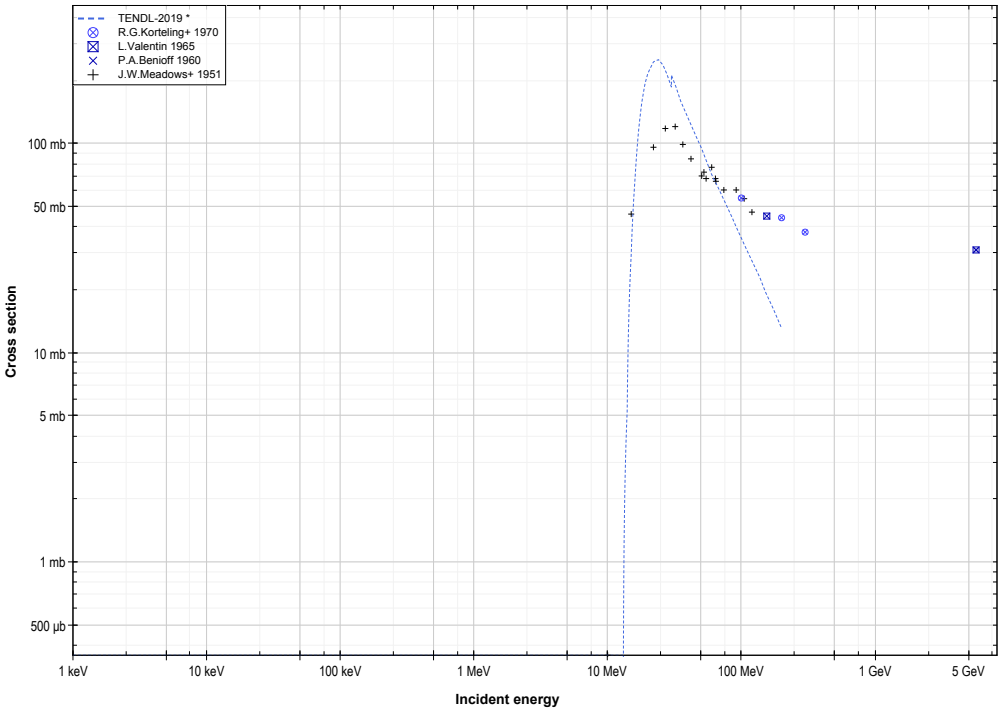
Na23 (p,n) or Mg23 production lin-log



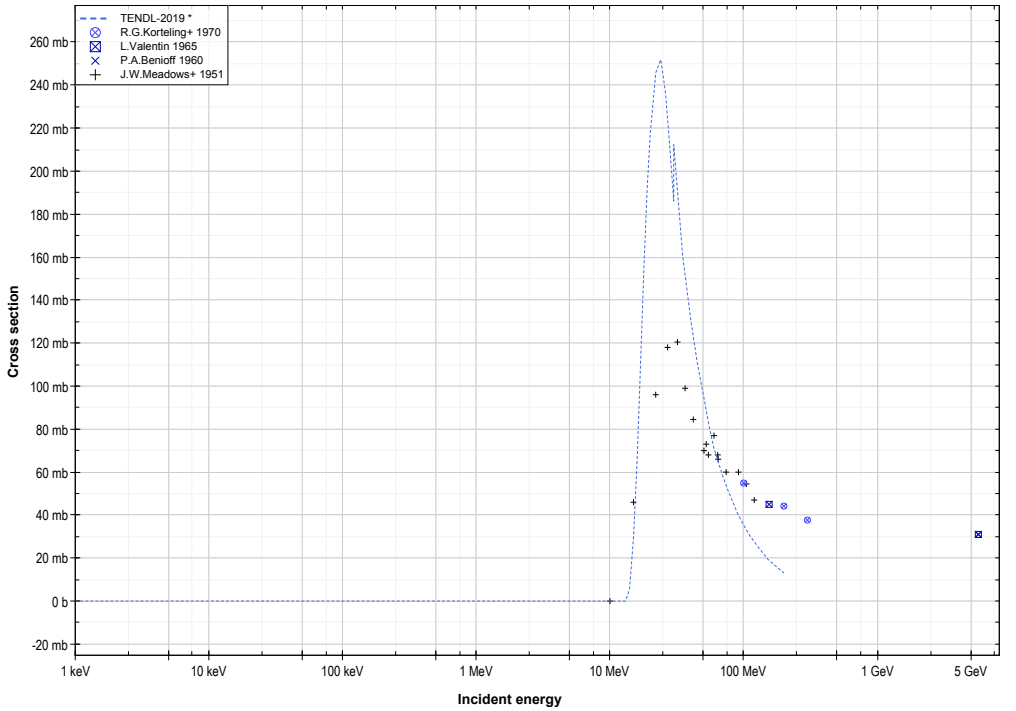
Reaction	Q-Value
Na23(p,n)Mg23	-4838.69 keV

<< 9-F-19	**11-Na-23**	13-Al-27 >>
<< MT4 (p,n)	**MT28 (p,n+p) or MT5 (Na22 production)**	MT29 (p,n+2α) >>

Na23 (p,n+p) or Na22 production log-log



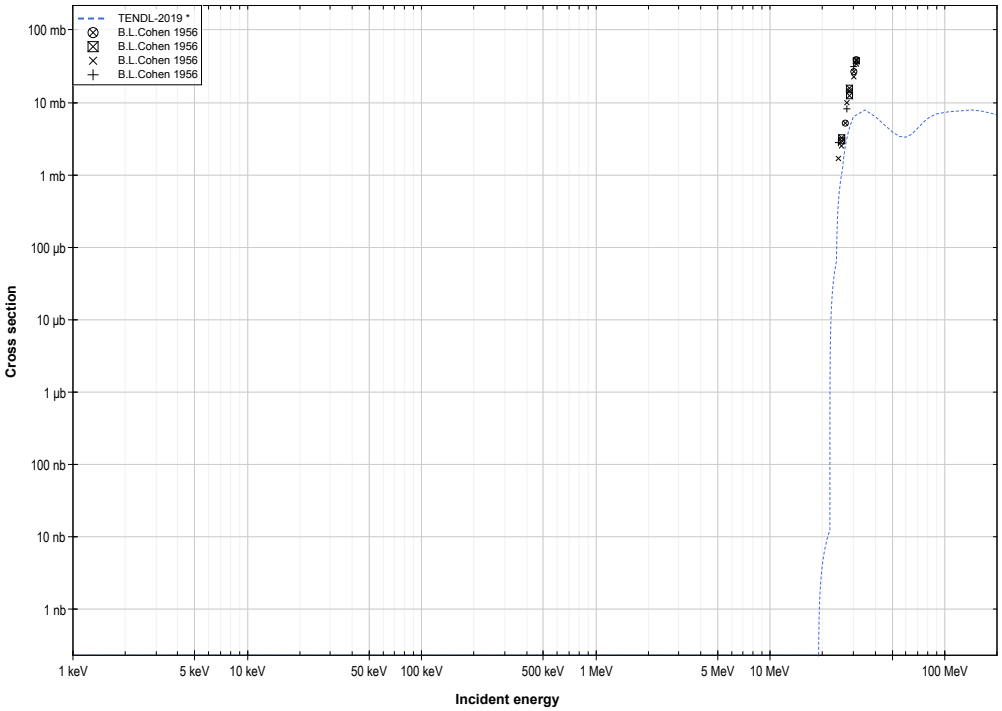
Na23 (p,n+p) or Na22 production lin-log



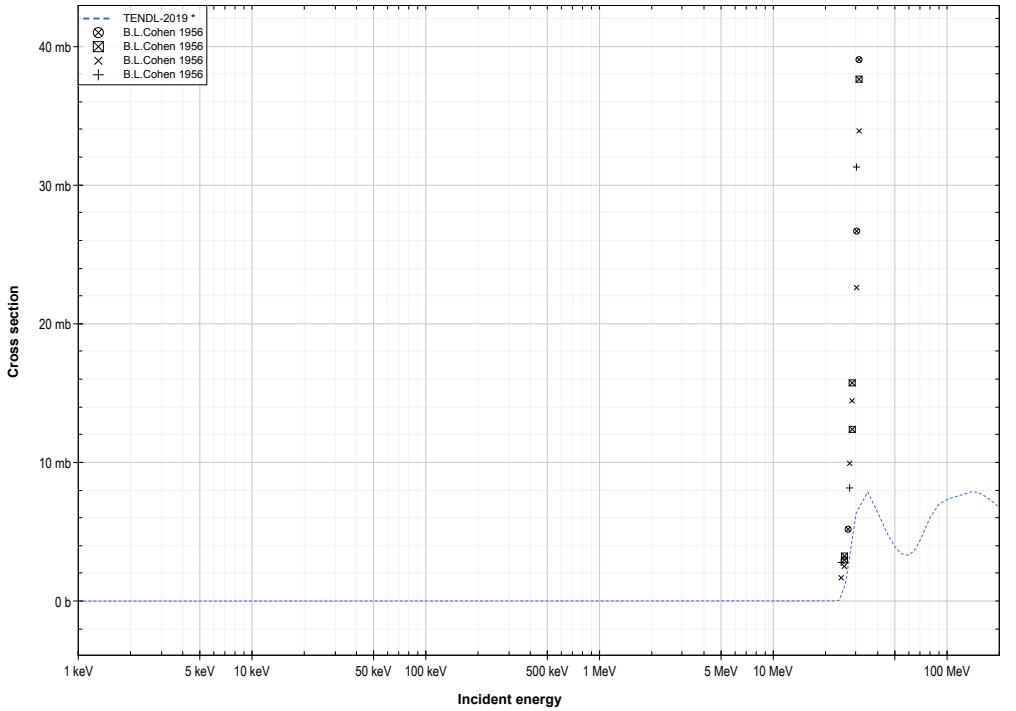
Reaction	Q-Value
Na23(p,d)Na22	-10195.09 keV
Na23(p,n+p)Na22	-12419.66 keV

<< 9-F-19	**11-Na-23**	12-Mg-26 >>
<< MT28 (p,n+p)	**MT29 (p,n+2α) or MT5 (O15 production)**	MT45 (p,n+p+α) >>

Na23 (p,n+2α) or O15 production log-log



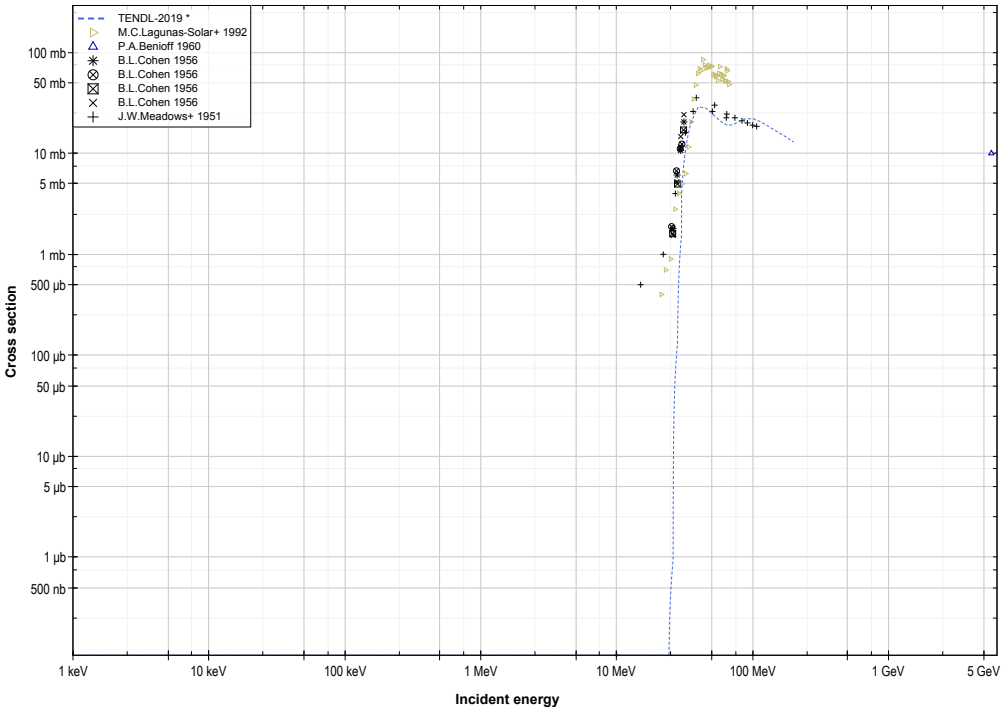
Na23 (p,n+2α) or O15 production lin-log



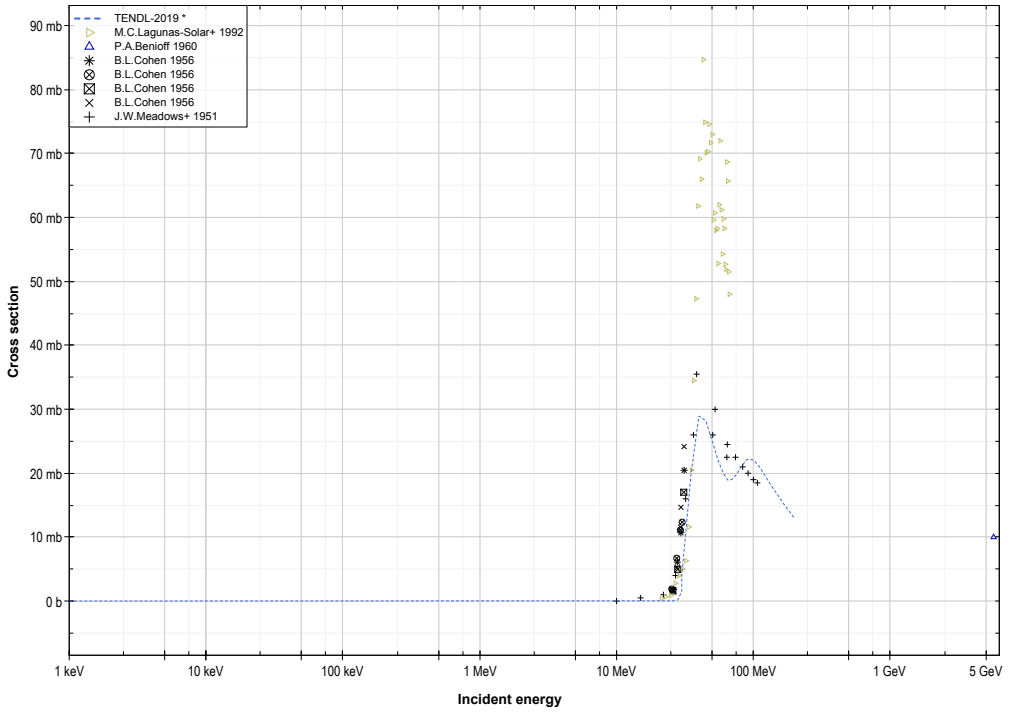
Reaction	Q-Value	Reaction	Q-Value
Na23(p,n+2α)O15	-18017.63 keV	Na23(p,p+d+2t)O15	-55420.79 keV
Na23(p,d+t+α)O15	-35606.93 keV	Na23(p,n+d+t+He3)O15	-56184.55 keV
Na23(p,n+p+t+α)O15	-37831.50 keV	Na23(p,n+2p+2t)O15	-57645.36 keV
Na23(p,2n+He3+α)O15	-38595.25 keV	Na23(p,2n+p+t+He3)O15	-58409.11 keV
Na23(p,n+2d+α)O15	-41864.16 keV	Na23(p,3n+2He3)O15	-59172.87 keV
Na23(p,2n+p+d+α)O15	-44088.72 keV	Na23(p,3d+t)O15	-59453.46 keV
Na23(p,3n+2p+α)O15	-46313.29 keV	Na23(p,n+p+2d+t)O15	-61678.02 keV
Na23(p,2t+He3)O15	-49927.32 keV	Na23(p,2n+2d+He3)O15	-62441.78 keV

<< 8-O-16	**11-Na-23**	13-Al-27 >>
<< MT29 (p,n+2α)	**MT45 (p,n+p+α) or MT5 (F18 production)**	MT104 (p,d) >>

Na23 (p,n+p+α) or F18 production log-log



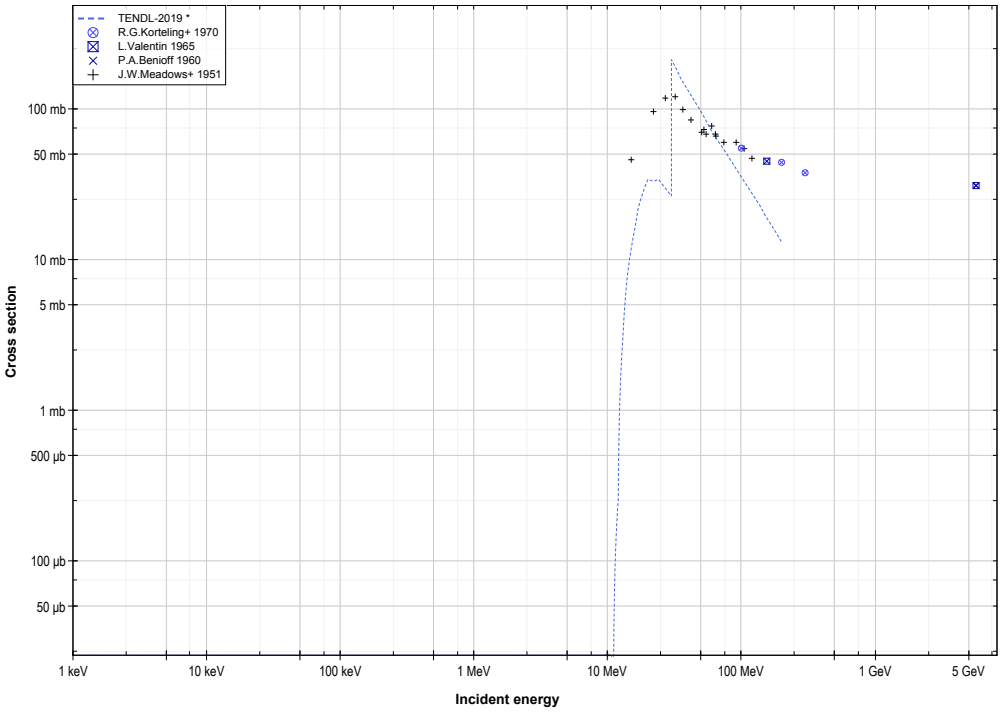
Na23 (p,n+p+α) or F18 production lin-log



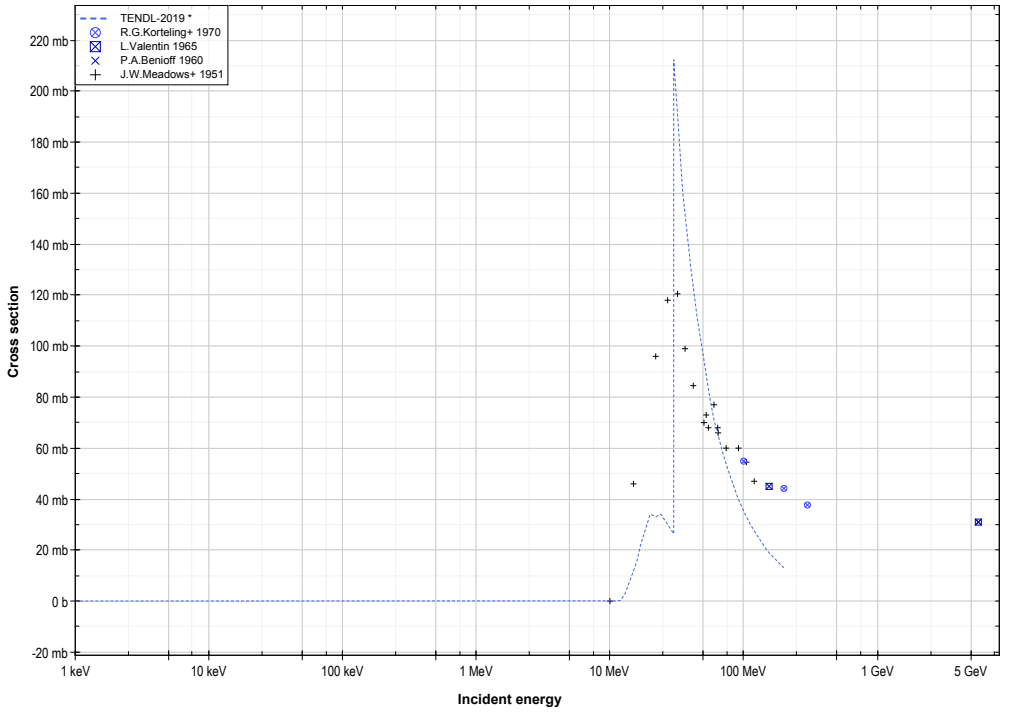
Reaction	Q-Value	Reaction	Q-Value
Na23(p,d+α)F18	-18674.62 keV	Na23(p,n+p+2d)F18	-44745.71 keV
Na23(p,n+p+α)F18	-20899.19 keV	Na23(p,2n+2p+d)F18	-46970.28 keV
Na23(p,t+He3)F18	-32995.01 keV	Na23(p,3n+3p)F18	-49194.84 keV
Na23(p,p+d+t)F18	-38488.48 keV		
Na23(p,n+d+He3)F18	-39252.24 keV		
Na23(p,n+2p+t)F18	-40713.05 keV		
Na23(p,2n+p+He3)F18	-41476.80 keV		
Na23(p,3d)F18	-42521.15 keV		

<< 9-F-19	**11-Na-23**	13-Al-27 >>
<< MT45 (p,n+p+α)	**MT104 (p,d) or MT5 (Na22 production)**	MT117 (p,d+α) >>

Na23 (p,d) or Na22 production log-log



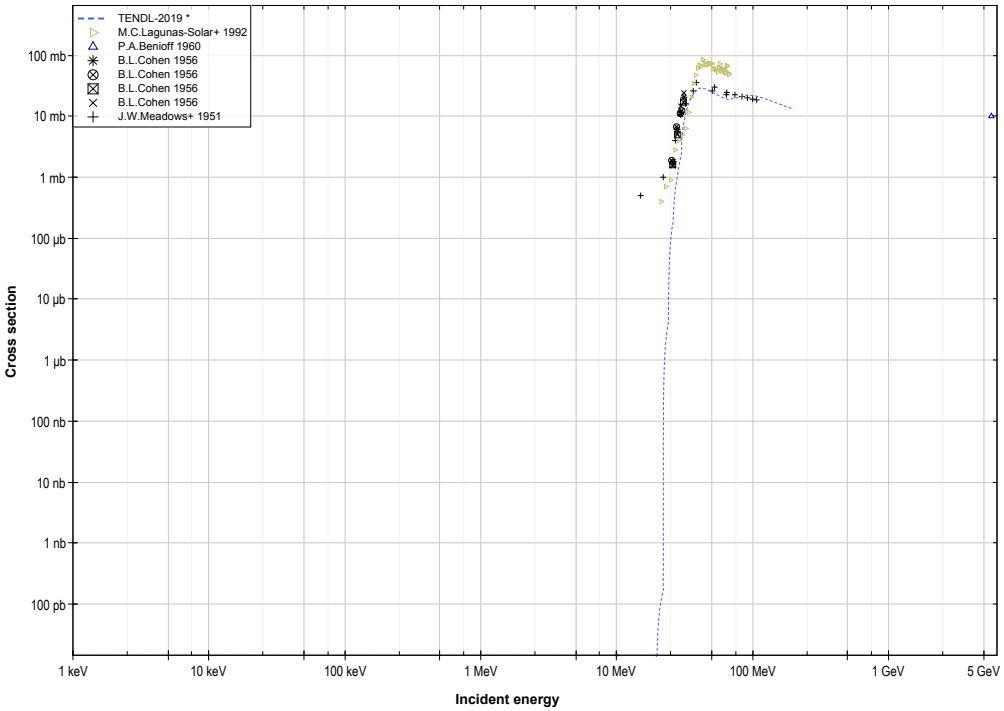
Na23 (p,d) or Na22 production lin-log



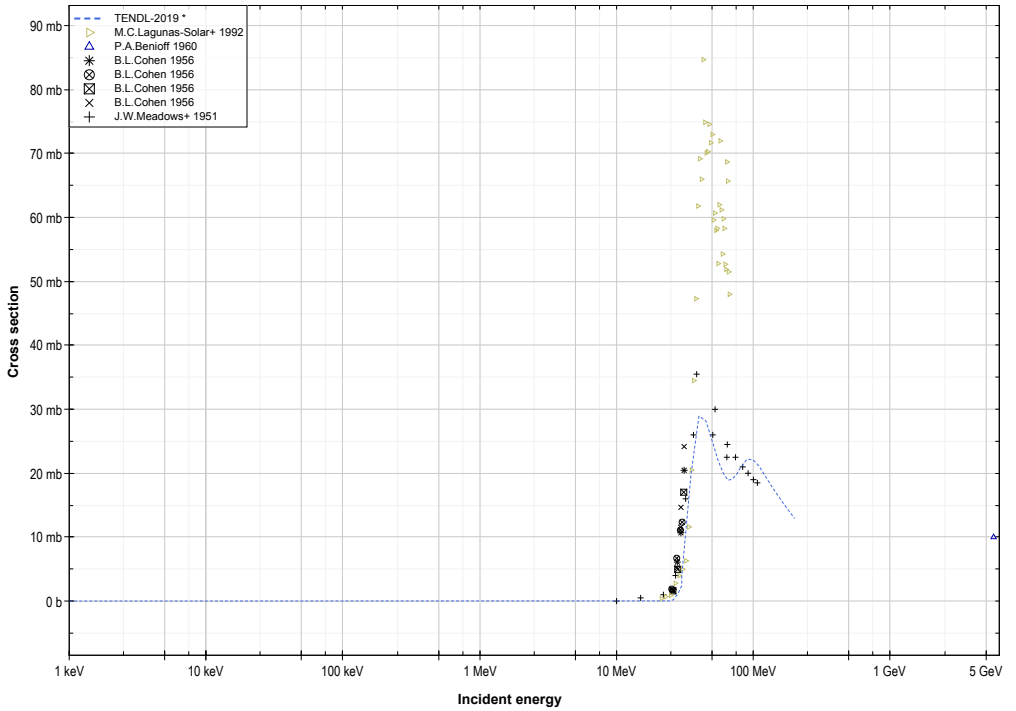
Reaction	Q-Value
Na23(p,d)Na22	-10195.09 keV
Na23(p,n+p)Na22	-12419.66 keV

<< 8-O-16	**11-Na-23**	13-Al-27 >>
<< MT104 (p,d)	**MT117 (p,d+α) or MT5 (F18 production)**	MT187 (p,n+d+^{3}He) >>

Na23 (p,d+α) or F18 production log-log



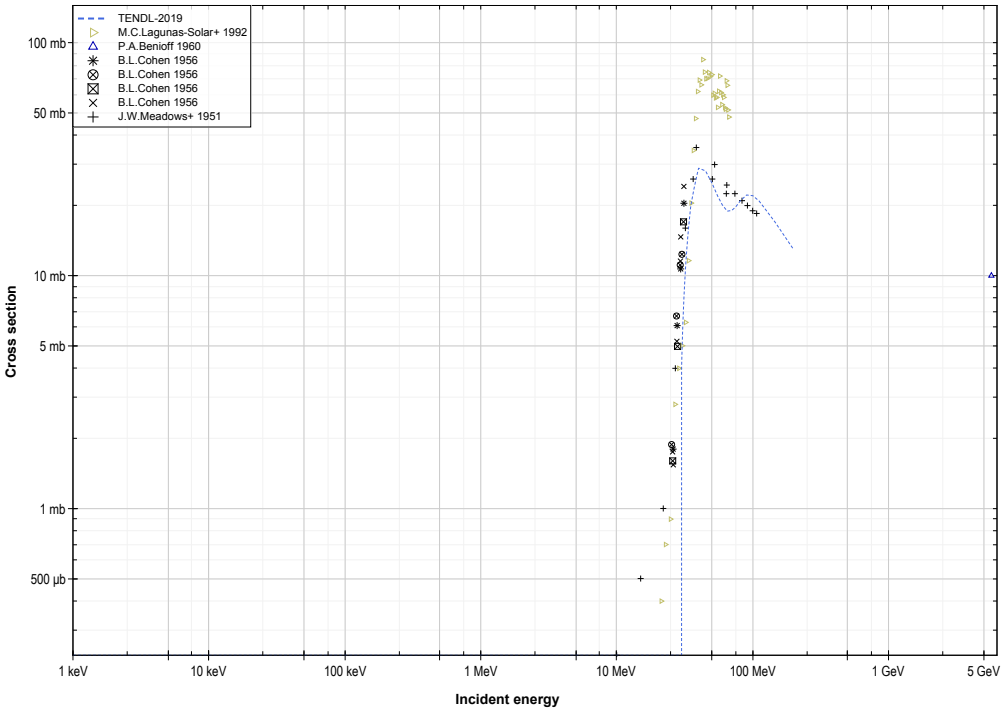
Na23 (p,d+α) or F18 production lin-log



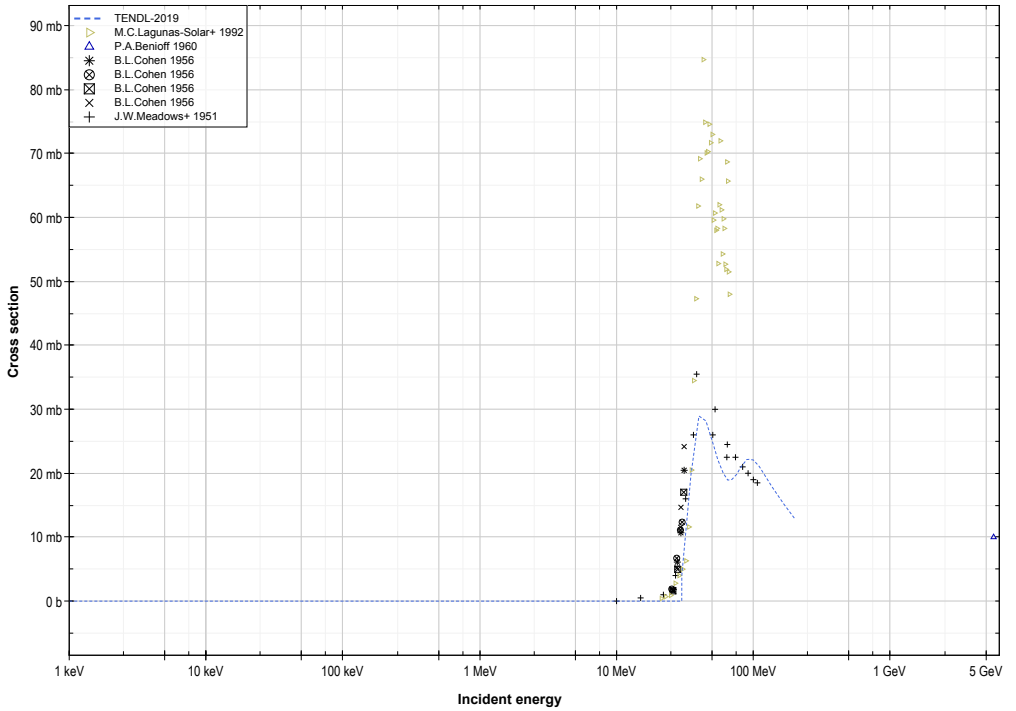
Reaction	Q-Value	Reaction	Q-Value
Na23(p,d+α)F18	-18674.62 keV	Na23(p,n+p+2d)F18	-44745.71 keV
Na23(p,n+p+α)F18	-20899.19 keV	Na23(p,2n+2p+d)F18	-46970.28 keV
Na23(p,t+He3)F18	-32995.01 keV	Na23(p,3n+3p)F18	-49194.84 keV
Na23(p,p+d+t)F18	-38488.48 keV		
Na23(p,n+d+He3)F18	-39252.24 keV		
Na23(p,n+2p+t)F18	-40713.05 keV		
Na23(p,2n+p+He3)F18	-41476.80 keV		
Na23(p,3d)F18	-42521.15 keV		

<< 8-O-16	**11-Na-23**	13-Al-27 >>
<< MT117 (p,d+α)	**MT187 (p,n+d+³He) or MT5 (F18 production)**	MT199 (p,3n+2p+α) >>

Na23 (p,n+d+³He) or F18 production log-log



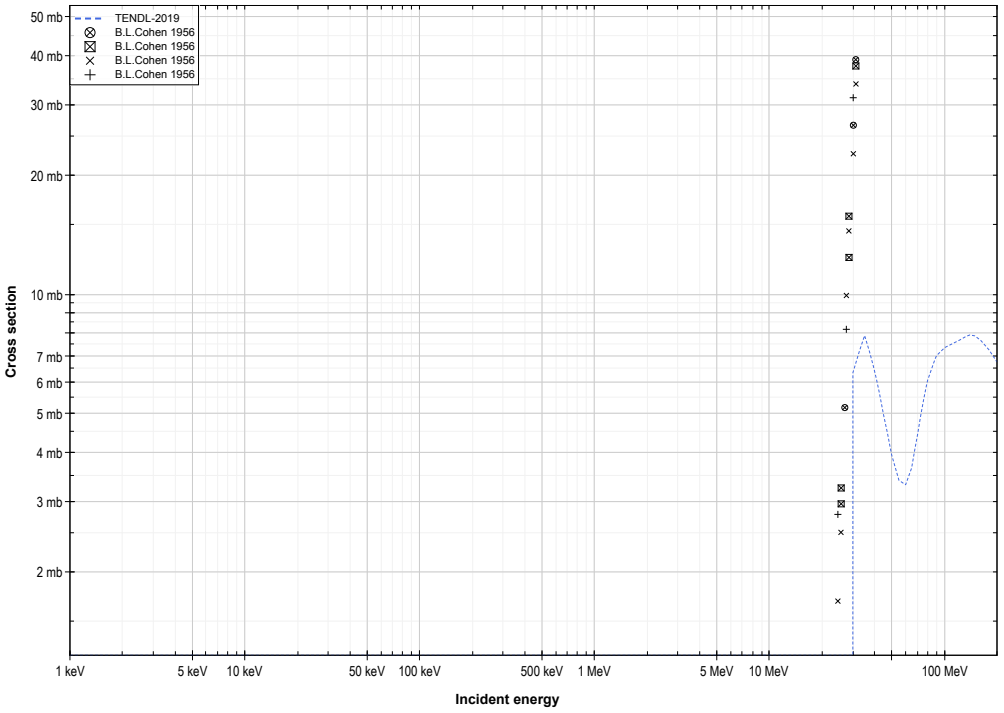
Na23 (p,n+d+³He) or F18 production lin-log



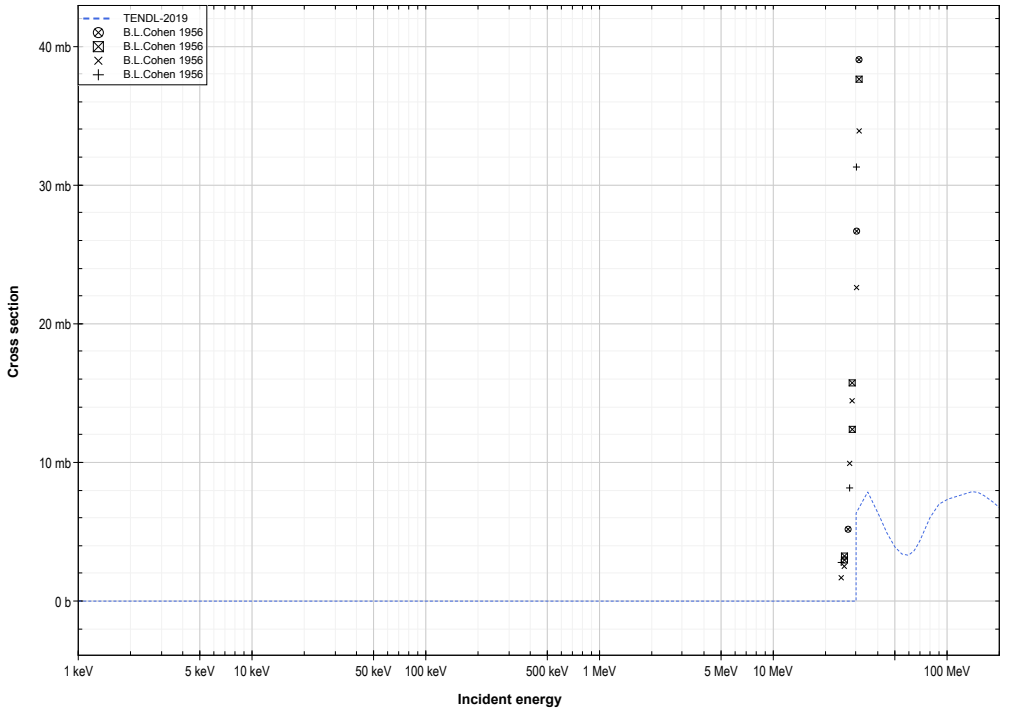
Reaction	Q-Value	Reaction	Q-Value
Na23(p,d+α)F18	-18674.62 keV	Na23(p,n+p+2d)F18	-44745.71 keV
Na23(p,n+p+α)F18	-20899.19 keV	Na23(p,2n+2p+d)F18	-46970.28 keV
Na23(p,t+He3)F18	-32995.01 keV	Na23(p,3n+3p)F18	-49194.84 keV
Na23(p,p+d+t)F18	-38488.48 keV		
Na23(p,n+d+He3)F18	-39252.24 keV		
Na23(p,n+2p+t)F18	-40713.05 keV		
Na23(p,2n+p+He3)F18	-41476.80 keV		
Na23(p,3d)F18	-42521.15 keV		

<< 9-F-19	**11-Na-23**	12-Mg-26 >>
<< MT187 (p,n+d+^{3}He)	**MT199 (p,3n+2p+α) or MT5 (O15 production)**	12-Mg-24 MT44 (p,n+2p) >>

Na23 (p,3n+2p+α) or O15 production log-log



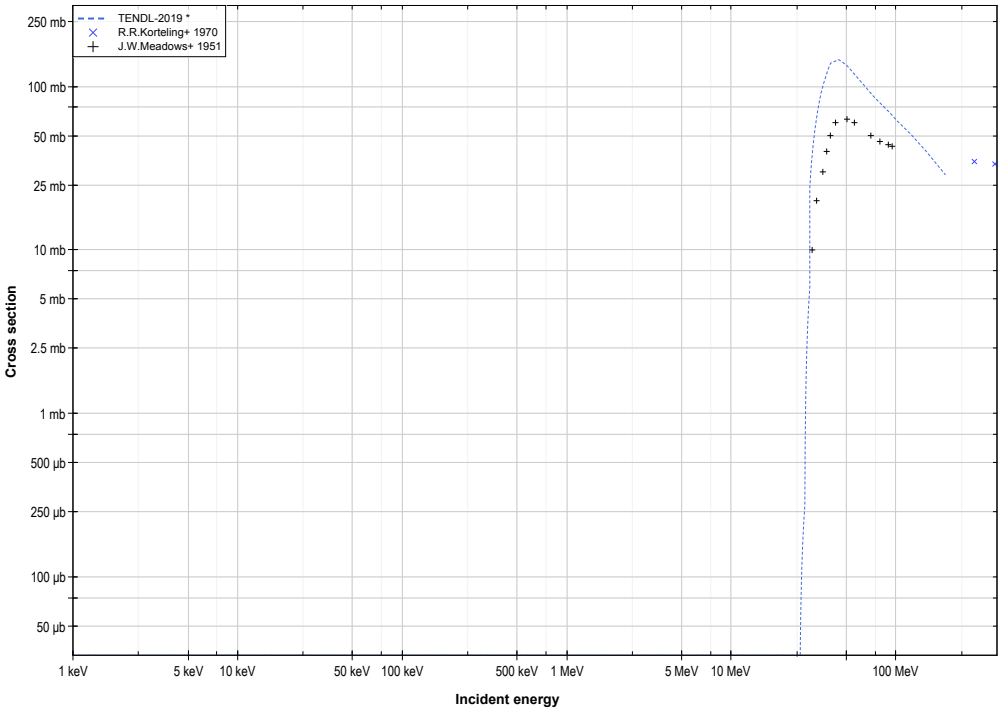
Na23 (p,3n+2p+α) or O15 production lin-log



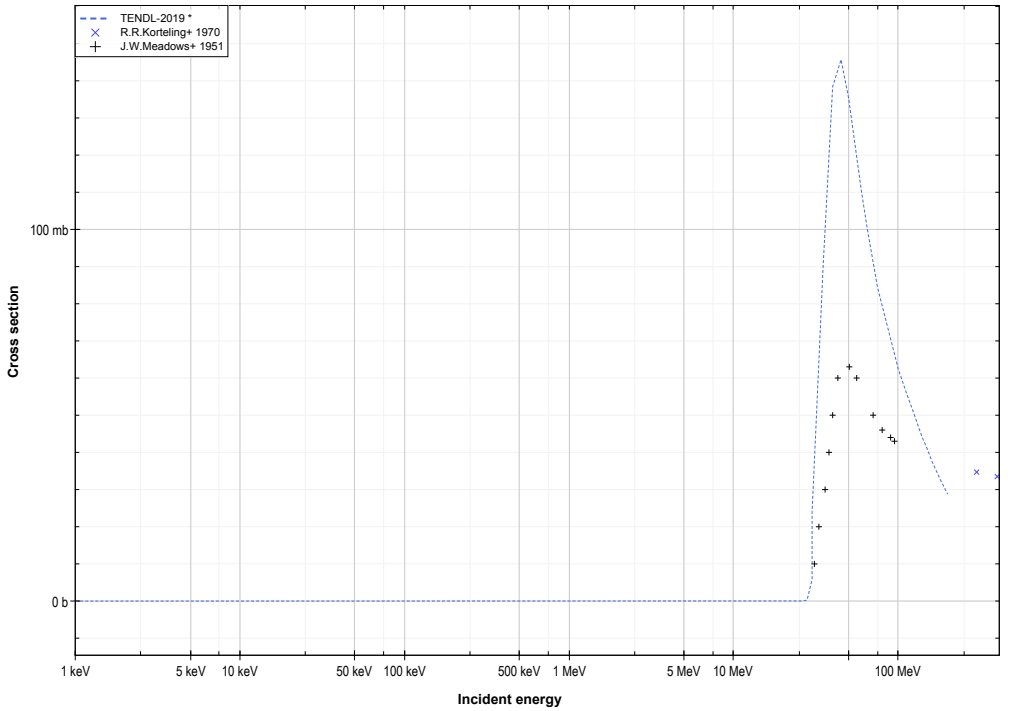
Reaction	Q-Value	Reaction	Q-Value
Na23(p,n+2α)O15	-18017.63 keV	Na23(p,p+d+2t)O15	-55420.79 keV
Na23(p,d+t+α)O15	-35606.93 keV	Na23(p,n+d+t+He3)O15	-56184.55 keV
Na23(p,n+p+t+α)O15	-37831.50 keV	Na23(p,n+2p+2t)O15	-57645.36 keV
Na23(p,2n+He3+α)O15	-38595.25 keV	Na23(p,2n+p+t+He3)O15	-58409.11 keV
Na23(p,n+2d+α)O15	-41864.16 keV	Na23(p,3n+2He3)O15	-59172.87 keV
Na23(p,2n+p+d+α)O15	-44088.72 keV	Na23(p,3d+t)O15	-59453.46 keV
Na23(p,3n+2p+α)O15	-46313.29 keV	Na23(p,n+p+2d+t)O15	-61678.02 keV
Na23(p,2t+He3)O15	-49927.32 keV	Na23(p,2n+2d+He3)O15	-62441.78 keV

	12-Mg-24	12-Mg-26 >>
<< 11-Na-23 MT199 (p,3n+2p+α)	**MT44 (p,n+2p) or MT5 (Na22 production)**	MT103 (p,p) >>

Mg24 (p,n+2p) or Na22 production log-log



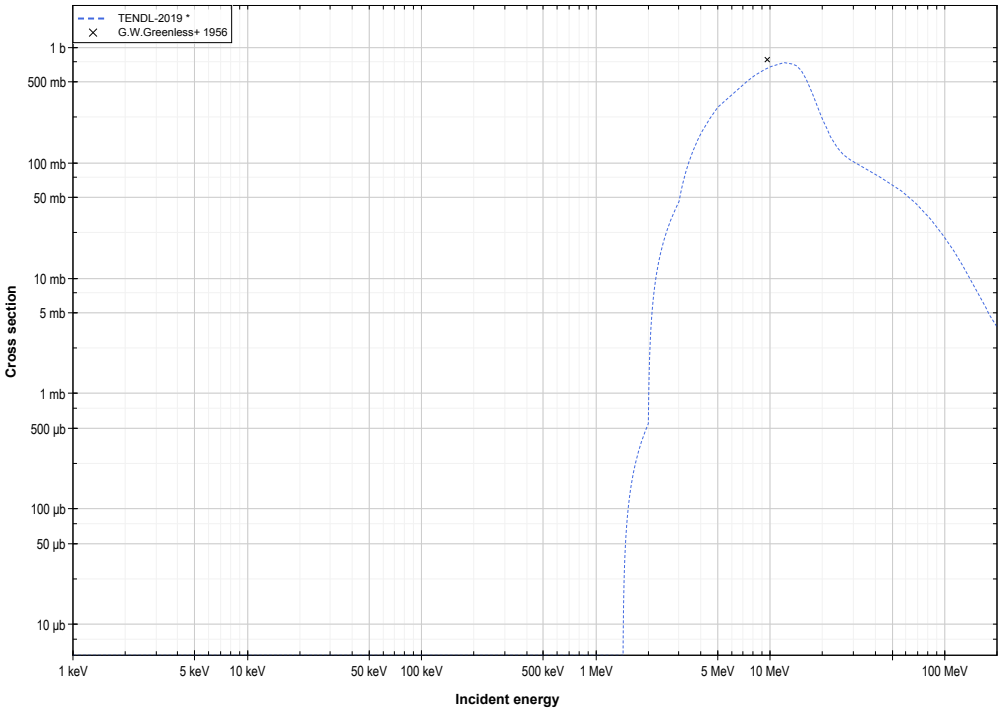
Mg24 (p,n+2p) or Na22 production lin-log



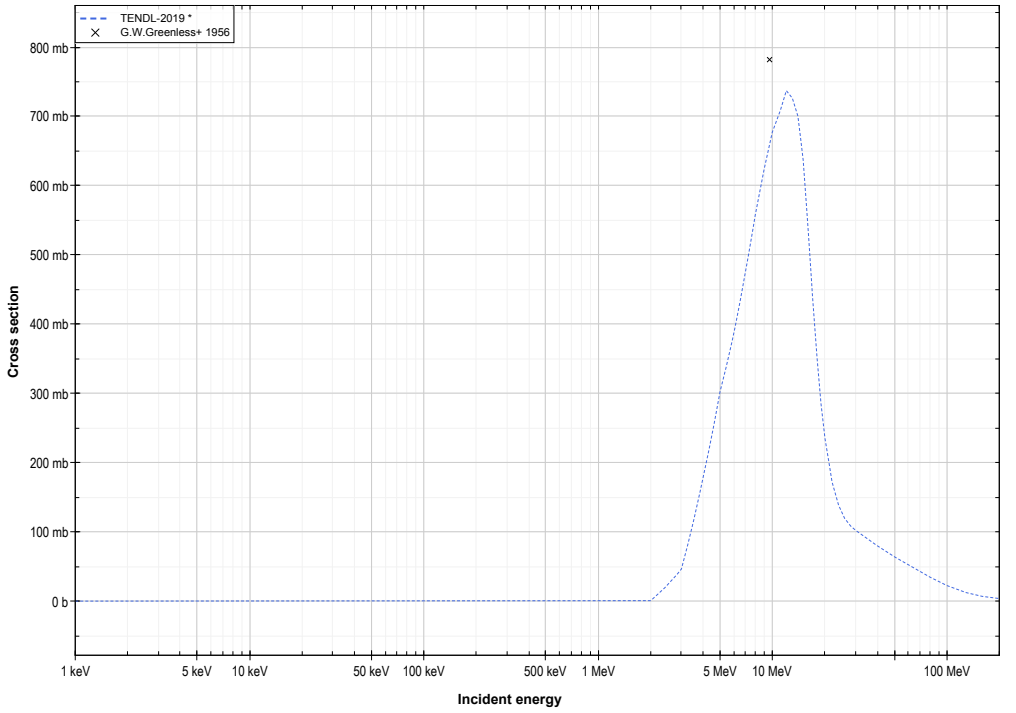
Reaction	Q-Value
Mg24(p,He3)Na22	-16394.31 keV
Mg24(p,p+d)Na22	-21887.78 keV
Mg24(p,n+2p)Na22	-24112.35 keV

<< 8-O-16	**12-Mg-24**	13-Al-27 >>
<< MT44 (p,n+2p)	**MT103 (p,p) or MT5 (Mg24 production)**	MT106 (p,³He) >>

Mg24 (p,p) or Mg24 production log-log



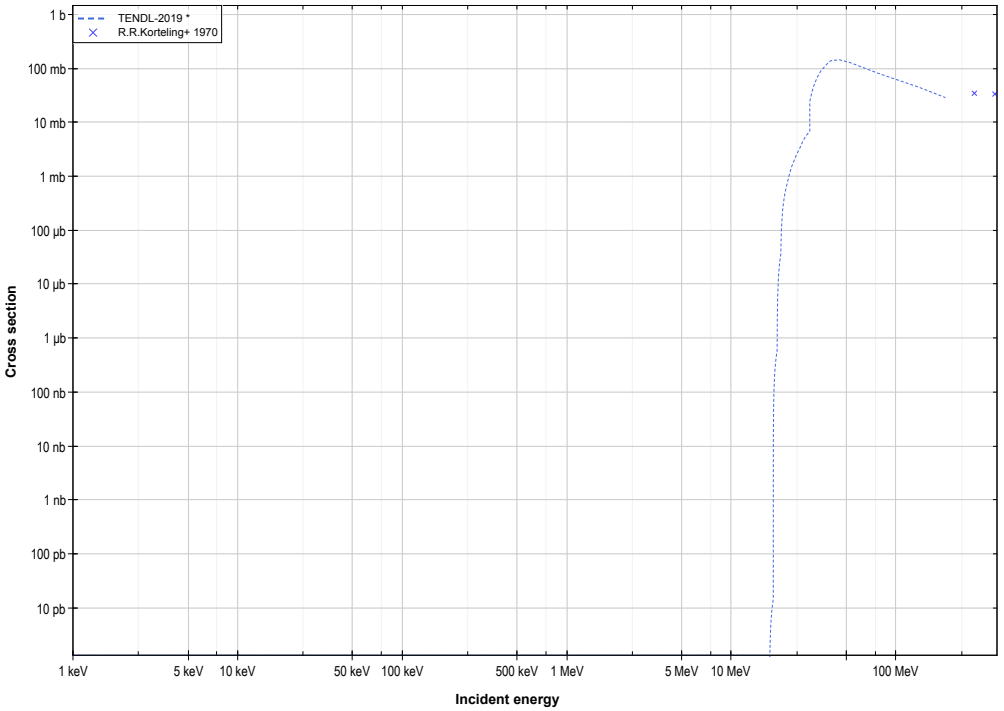
Mg24 (p,p) or Mg24 production lin-log



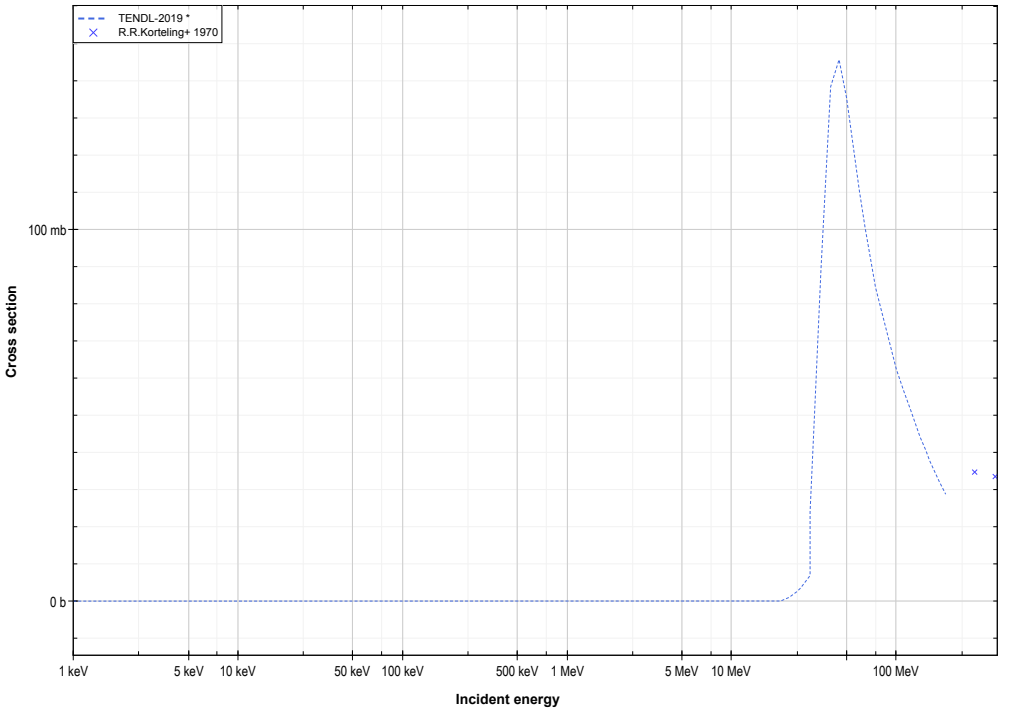
Reaction	Q-Value
Mg24(p,p)Mg24	0.00 keV

	12-Mg-24	12-Mg-26 >>
<< MT103 (p,p)	**MT106 (p,³He) or MT5 (Na22 production)**	MT107 (p,α) >>

Mg24 (p,³He) or Na22 production log-log



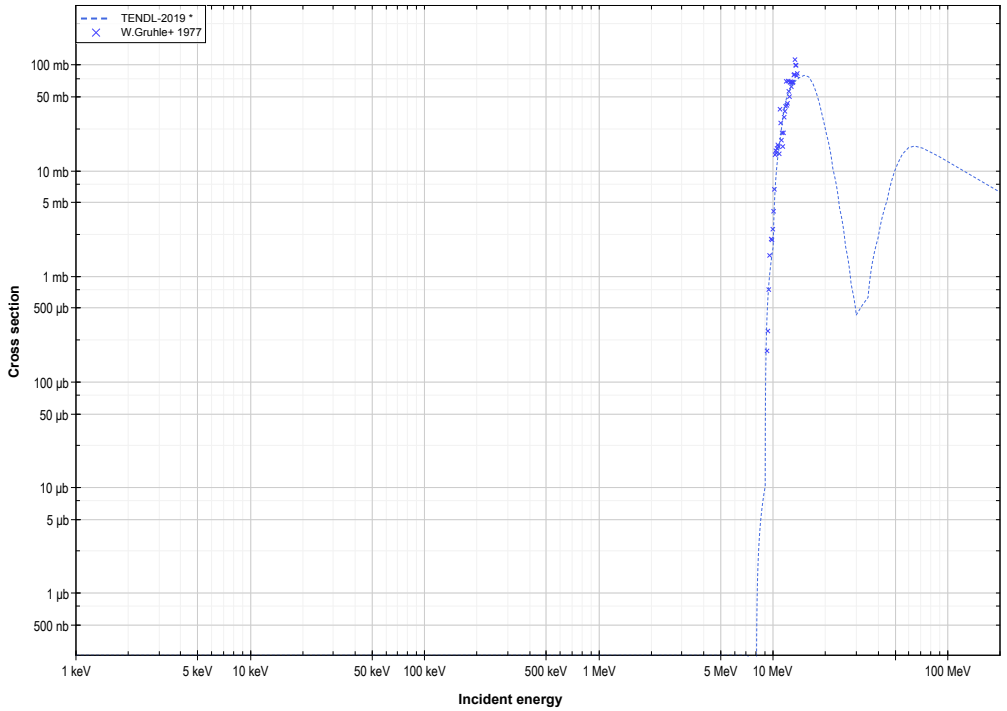
Mg24 (p,³He) or Na22 production lin-log



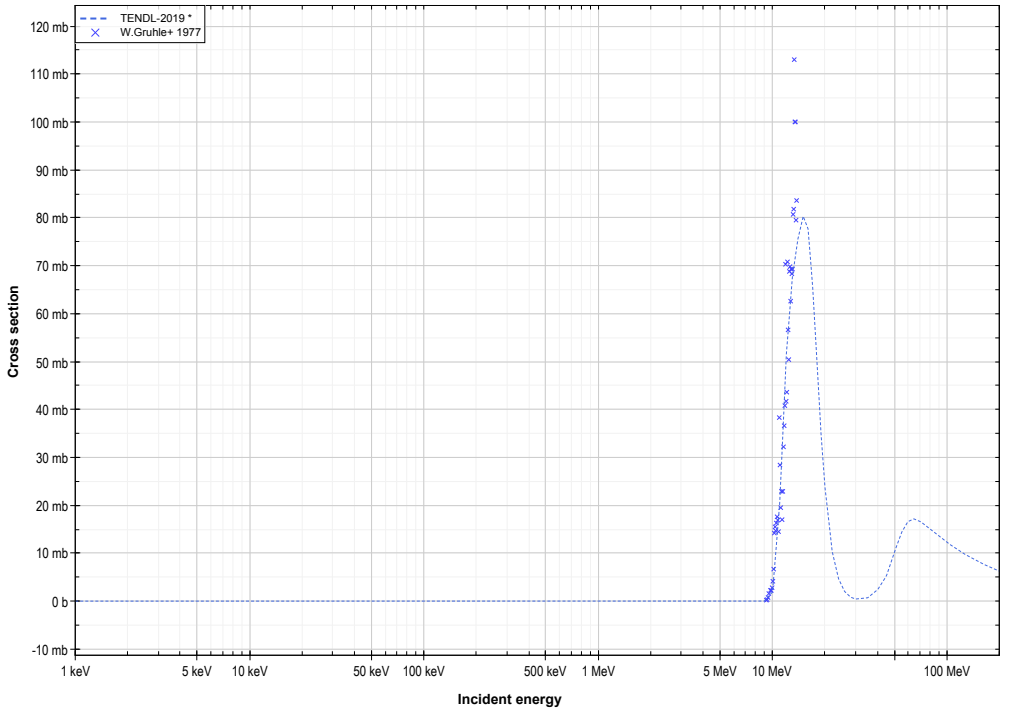
Reaction	Q-Value
Mg24(p,He3)Na22	-16394.31 keV
Mg24(p,p+d)Na22	-21887.78 keV
Mg24(p,n+2p)Na22	-24112.35 keV

<< 10-Ne-21	**12-Mg-24**	12-Mg-25 >>
<< MT106 (p,³He)	**MT107 (p,α) or MT5 (Na21 production)**	MT115 (p,p+d) >>

Mg24 (p,α) or Na21 production log-log



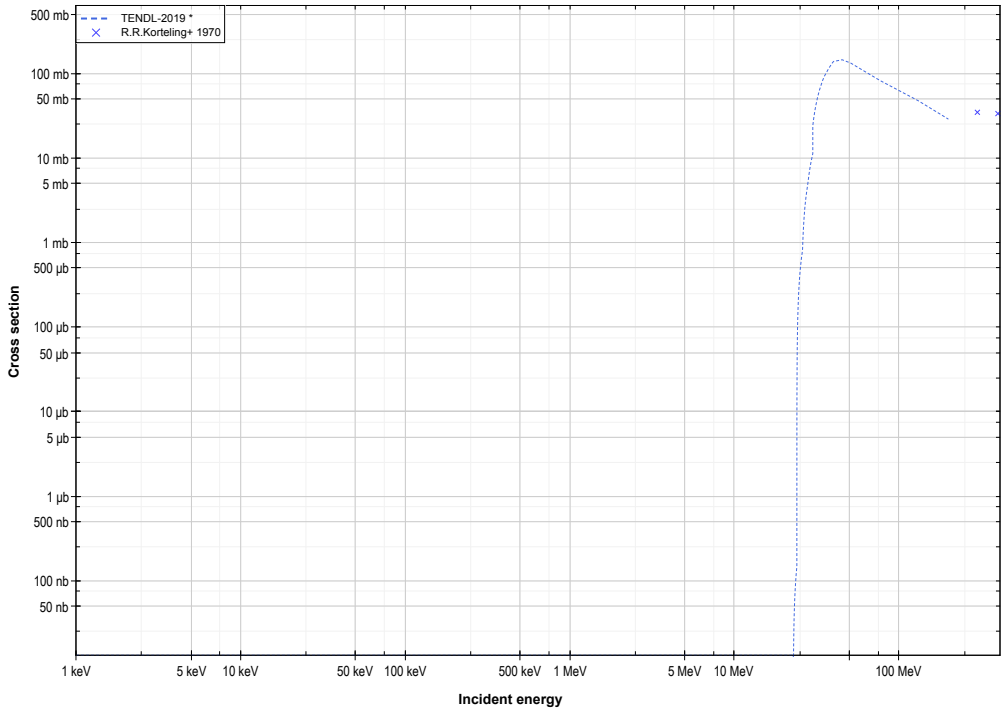
Mg24 (p,α) or Na21 production lin-log



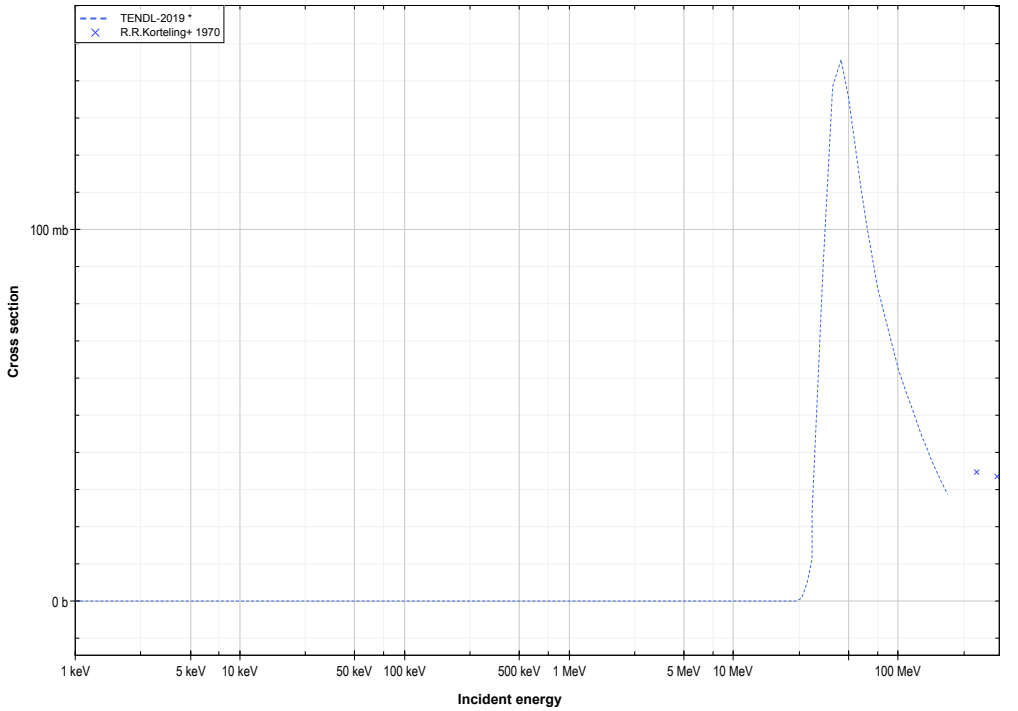
Reaction	Q-Value
Mg24(p,α)Na21	-6884.88 keV
Mg24(p,p+t)Na21	-26698.75 keV
Mg24(p,n+He3)Na21	-27462.50 keV
Mg24(p,2d)Na21	-30731.41 keV
Mg24(p,n+p+d)Na21	-32955.98 keV
Mg24(p,2n+2p)Na21	-35180.54 keV

<< 8-O-16	**12-Mg-24**	12-Mg-26 >>
<< MT107 (p,α)	**MT115 (p,p+d) or MT5 (Na22 production)**	MT193 (p,³He+α) >>

Mg24 (p,p+d) or Na22 production log-log



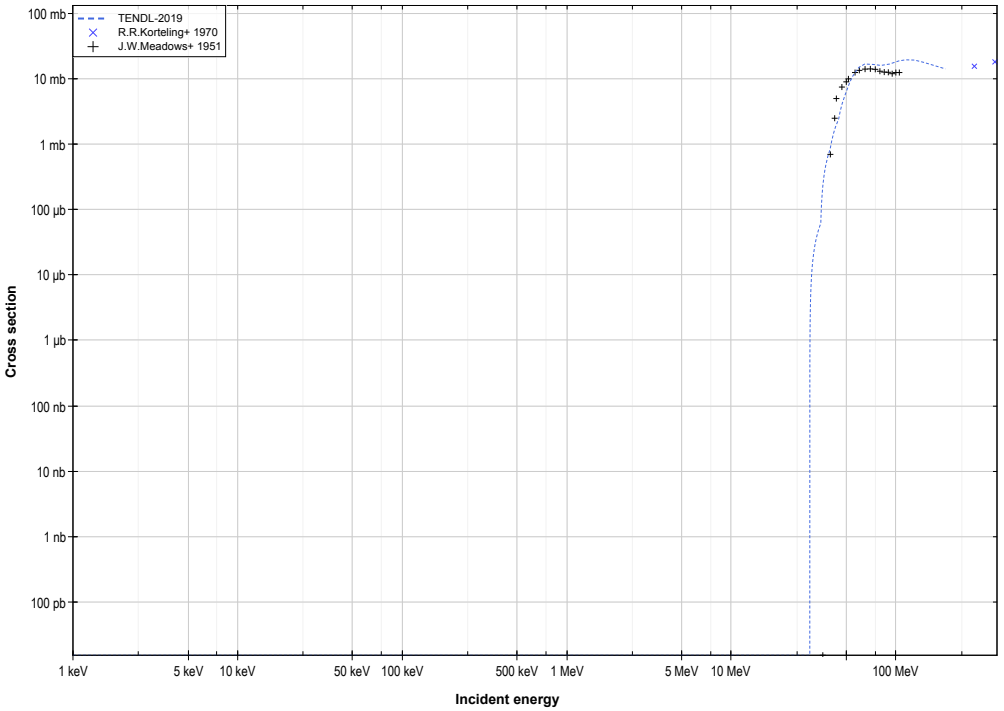
Mg24 (p,p+d) or Na22 production lin-log



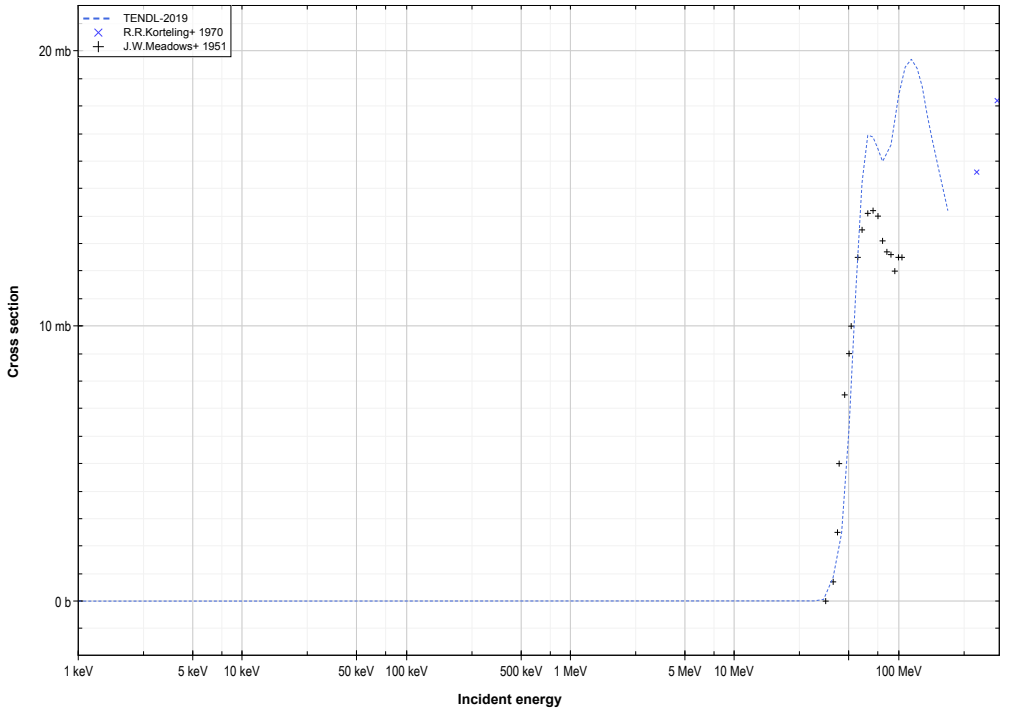
Reaction	Q-Value
Mg24(p,He3)Na22	-16394.31 keV
Mg24(p,p+d)Na22	-21887.78 keV
Mg24(p,n+2p)Na22	-24112.35 keV

<< 8-O-16	**12-Mg-24**	13-Al-27 >>
<< MT115 (p,p+d)	**MT193 (p,³He+α) or MT5 (F18 production)**	12-Mg-25 MT4 (p,n) >>

Mg24 (p,³He+α) or F18 production log-log



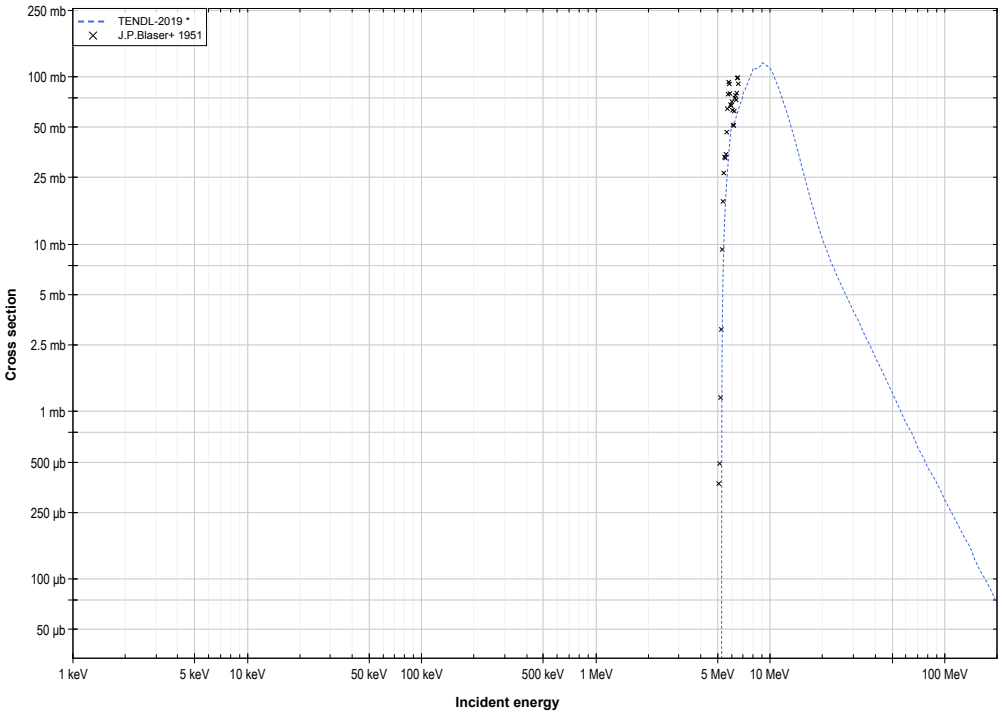
Mg24 (p,³He+α) or F18 production lin-log



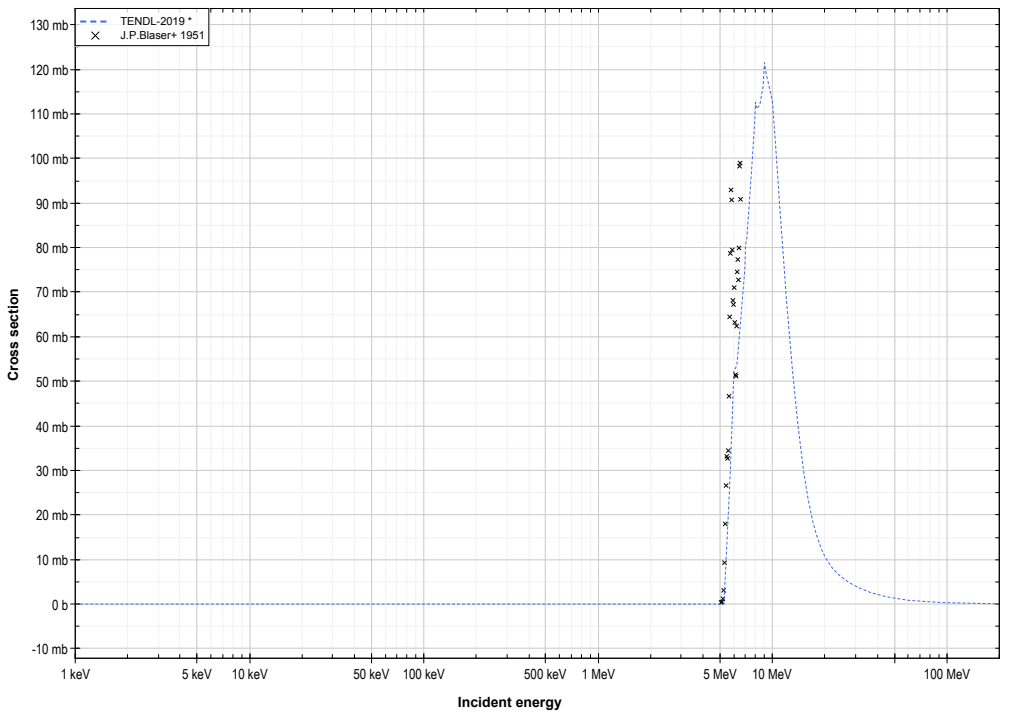
Reaction	Q-Value	Reaction	Q-Value
Mg24(p,He3+α)F18	-24873.83 keV	Mg24(p,n+3p+t)F18	-52405.74 keV
Mg24(p,p+d+α)F18	-30367.31 keV	Mg24(p,2n+2p+He3)F18	-53169.49 keV
Mg24(p,n+2p+α)F18	-32591.87 keV	Mg24(p,p+3d)F18	-54213.83 keV
Mg24(p,p+t+He3)F18	-44687.70 keV	Mg24(p,n+2p+2d)F18	-56438.40 keV
Mg24(p,n+2He3)F18	-45451.45 keV	Mg24(p,2n+3p+d)F18	-58662.97 keV
Mg24(p,2d+He3)F18	-48720.36 keV	Mg24(p,3n+4p)F18	-60887.53 keV
Mg24(p,2p+d+t)F18	-50181.17 keV		
Mg24(p,n+p+d+He3)F18	-50944.93 keV		

<< 11-Na-23	**12-Mg-25**	12-Mg-26 >>
<< 12-Mg-24 MT193 (p,³He+α)	**MT4 (p,n) or MT5 (Al25 production)**	MT34 (p,n+³He) >>

Mg25 (p,n) or Al25 production log-log



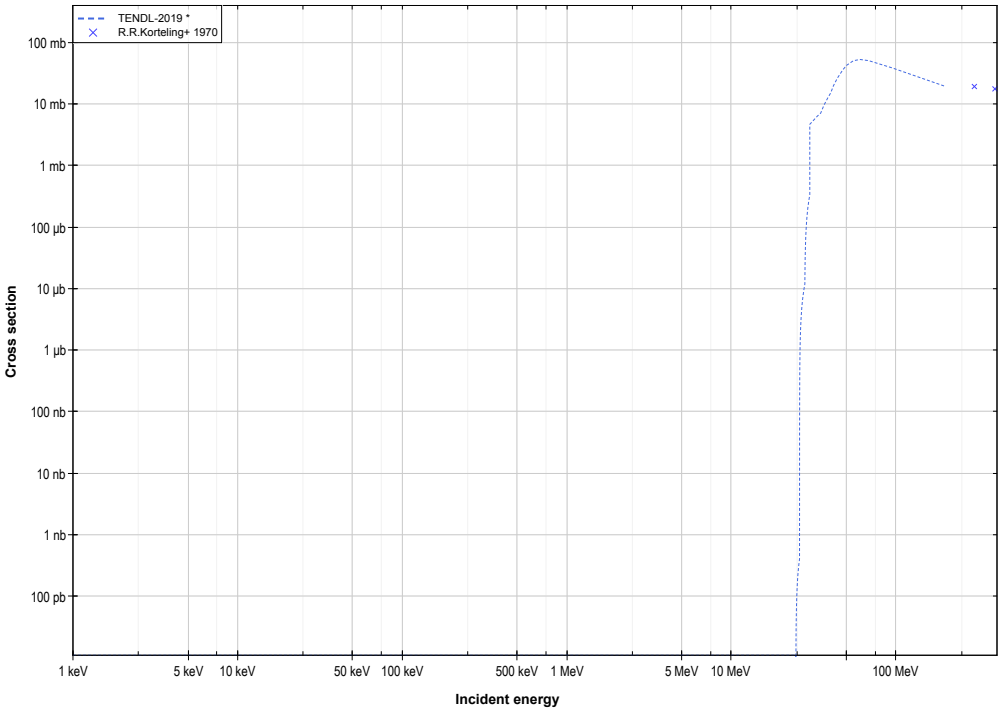
Mg25 (p,n) or Al25 production lin-log



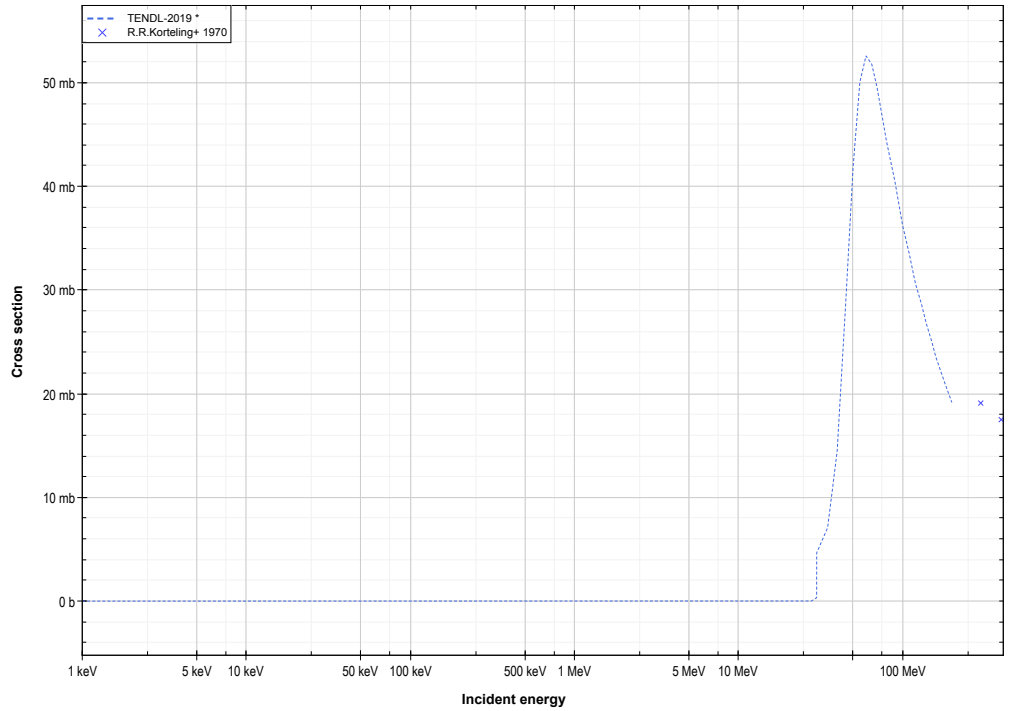
Reaction	Q-Value
Mg25(p,n)Al25	-5059.16 keV

<< 8-O-16	**12-Mg-25**	14-Si-28 >>
<< MT4 (p,n)	**MT34 (p,n+^{3}He) or MT5 (Na22 production)**	MT107 (p,α) >>

Mg25 (p,n+^{3}He) or Na22 production log-log



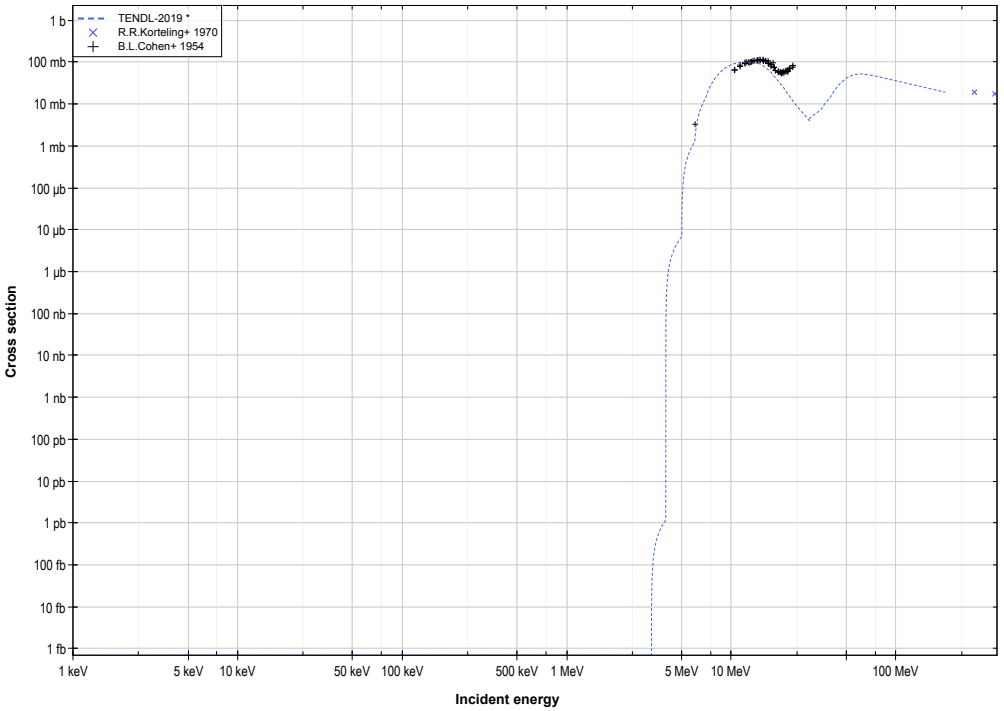
Mg25 (p,n+^{3}He) or Na22 production lin-log



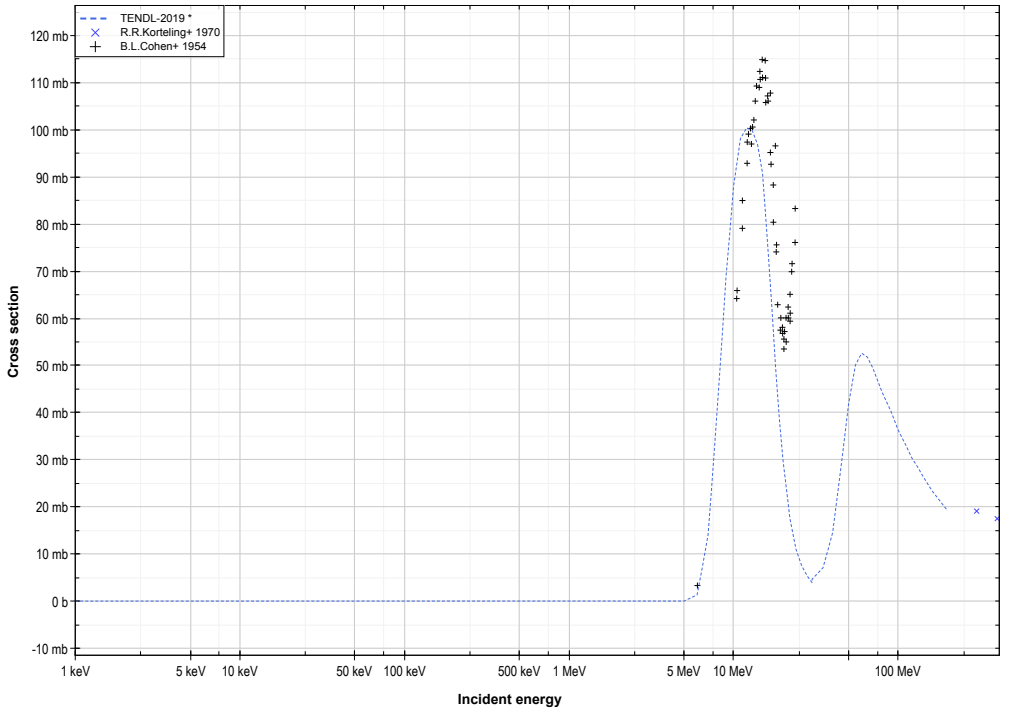
Reaction	Q-Value
Mg25(p,α)Na22	-3147.22 keV
Mg25(p,p+t)Na22	-22961.08 keV
Mg25(p,n+He3)Na22	-23724.83 keV
Mg25(p,2d)Na22	-26993.74 keV
Mg25(p,n+p+d)Na22	-29218.31 keV
Mg25(p,2n+2p)Na22	-31442.87 keV

<< 12-Mg-24	**12-Mg-25**	14-Si-28 >>
<< MT34 (p,n+³He)	**MT107 (p,α) or MT5 (Na22 production)**	MT108 (p,2α) >>

Mg25 (p,α) or Na22 production log-log



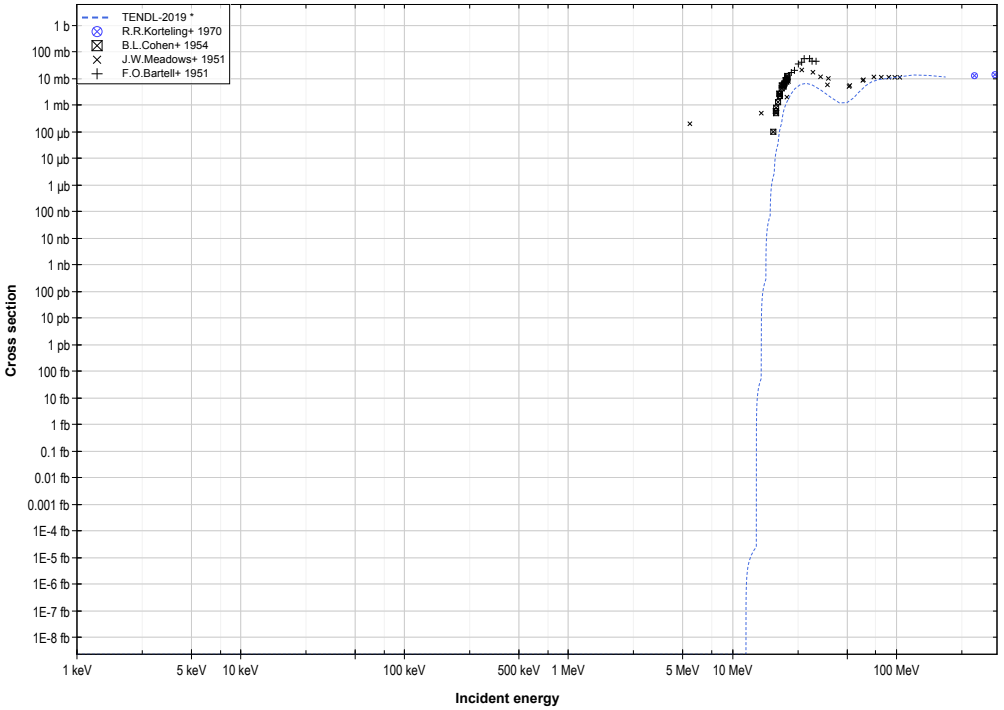
Mg25 (p,α) or Na22 production lin-log



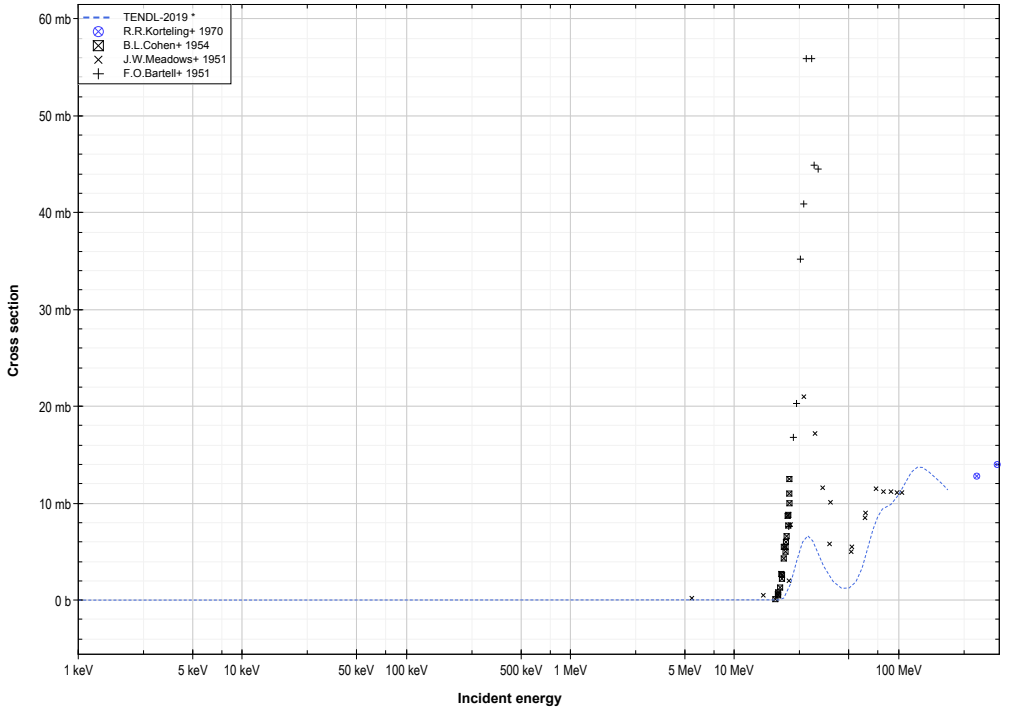
Reaction	Q-Value
Mg25(p,α)Na22	-3147.22 keV
Mg25(p,p+t)Na22	-22961.08 keV
Mg25(p,n+He3)Na22	-23724.83 keV
Mg25(p,2d)Na22	-26993.74 keV
Mg25(p,n+p+d)Na22	-29218.31 keV
Mg25(p,2n+2p)Na22	-31442.87 keV

<< 7-N-14	**12-Mg-25**	13-Al-27 >>
<< MT107 (p,α)	**MT108 (p,2α) or MT5 (F18 production)**	MT111 (p,2p) >>

Mg25 (p,2α) or F18 production log-log



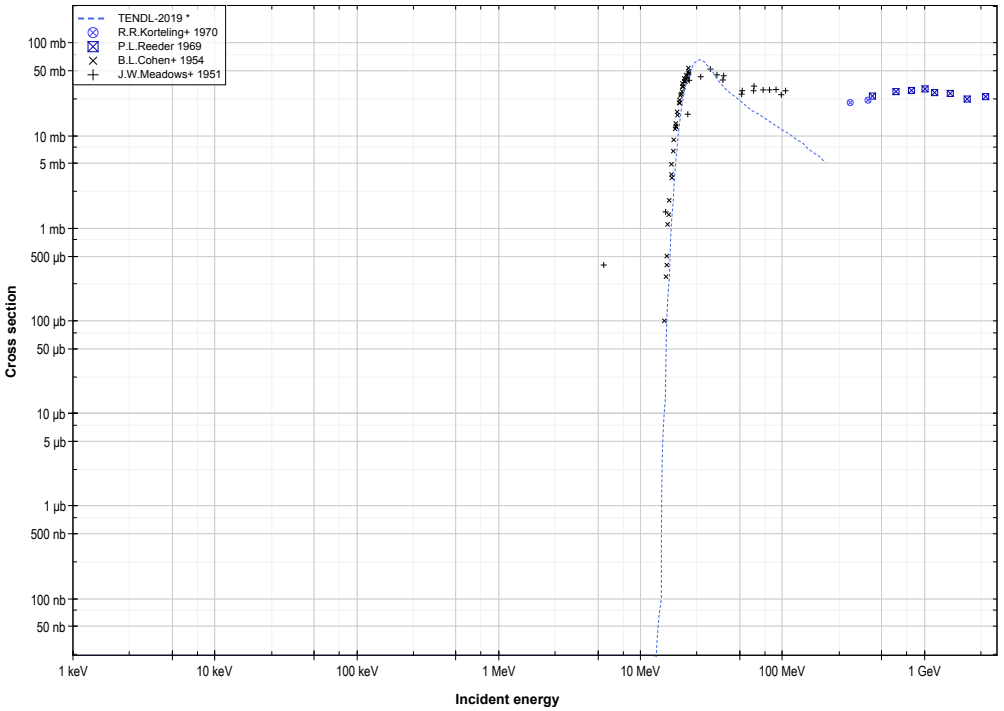
Mg25 (p,2α) or F18 production lin-log



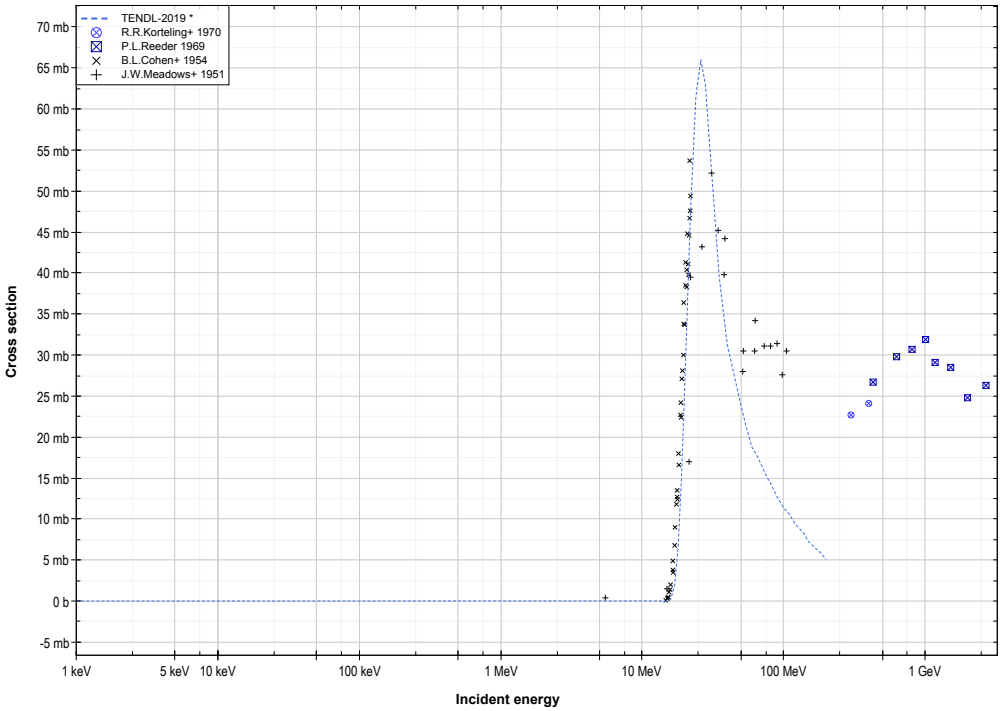
Reaction	Q-Value	Reaction	Q-Value
Mg25(p,2α)F18	-11626.74 keV	Mg25(p,n+p+t+He3)F18	-52018.22 keV
Mg25(p,p+t+α)F18	-31440.61 keV	Mg25(p,2n+2He3)F18	-52781.98 keV
Mg25(p,n+He3+α)F18	-32204.36 keV	Mg25(p,p+2d+t)F18	-55287.13 keV
Mg25(p,2d+α)F18	-35473.27 keV	Mg25(p,n+2d+He3)F18	-56050.89 keV
Mg25(p,n+p+d+α)F18	-37697.83 keV	Mg25(p,n+2p+d+t)F18	-57511.70 keV
Mg25(p,2n+2p+α)F18	-39922.40 keV	Mg25(p,2n+p+d+He3)F18	-58275.45 keV
Mg25(p,d+t+He3)F18	-49793.66 keV	Mg25(p,4d)F18	-59319.80 keV
Mg25(p,2p+2t)F18	-51254.47 keV	Mg25(p,2n+3p+t)F18	-59736.27 keV

<< 8-O-18	**12-Mg-25**	14-Si-28 >>
<< MT108 (p,2α)	**MT111 (p,2p) or MT5 (Na24 production)**	MT116 (p,p+t) >>

Mg25 (p,2p) or Na24 production log-log



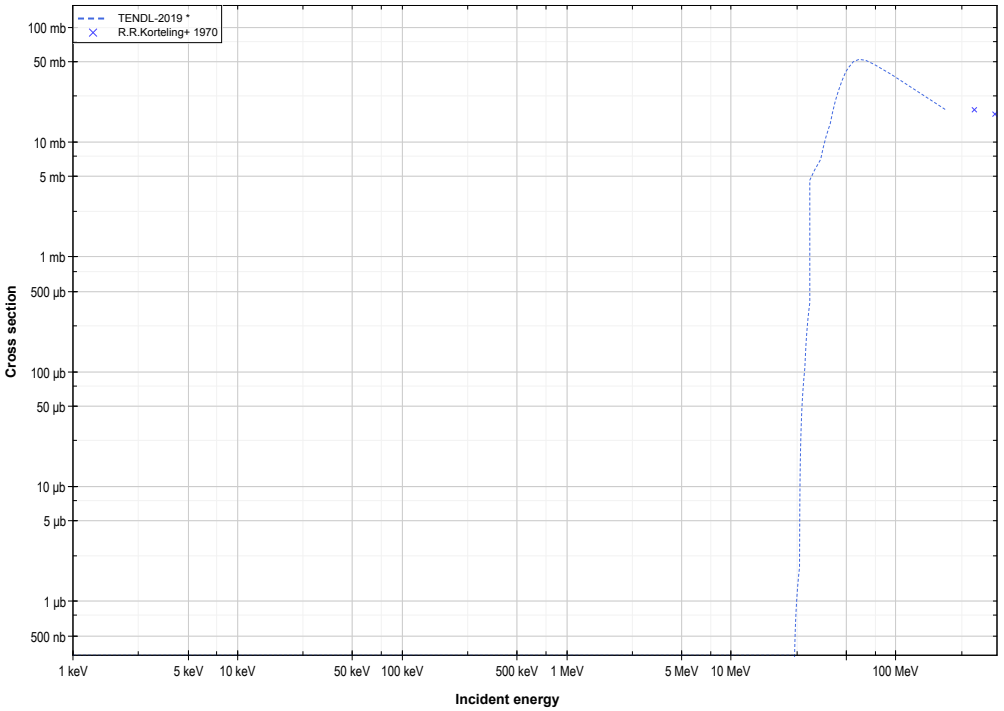
Mg25 (p,2p) or Na24 production lin-log



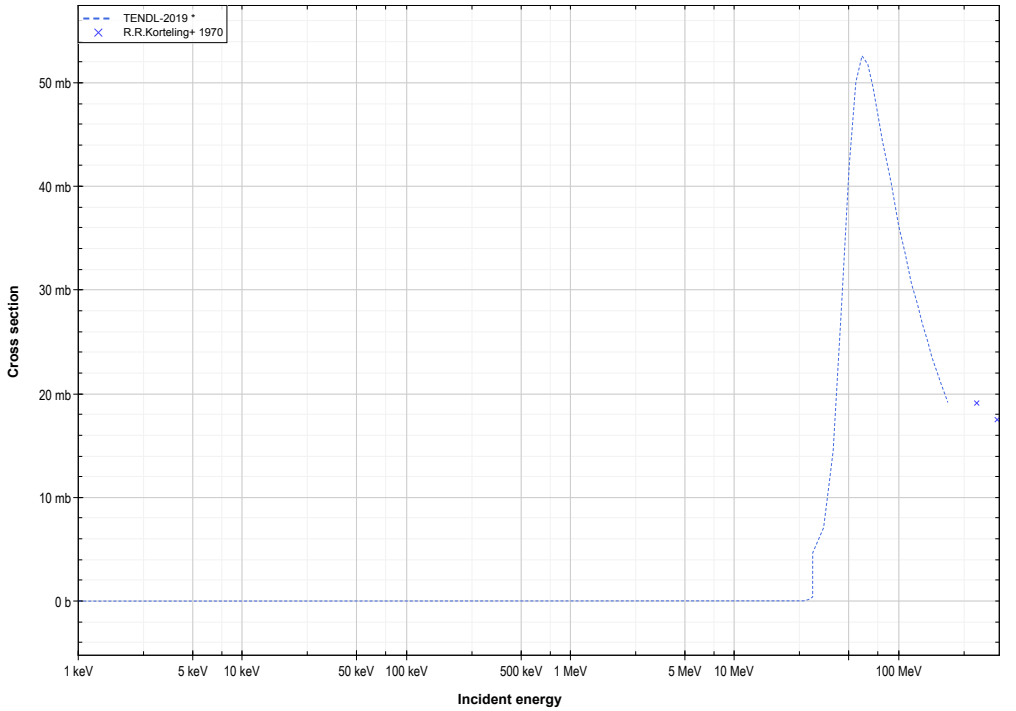
Reaction	Q-Value
Mg25(p,2p)Na24	-12063.85 keV

<< 8-O-16	**12-Mg-25**	14-Si-28 >>
<< MT111 (p,2p)	**MT116 (p,p+t) or MT5 (Na22 production)**	MT183 (p,n+p+d) >>

Mg25 (p,p+t) or Na22 production log-log



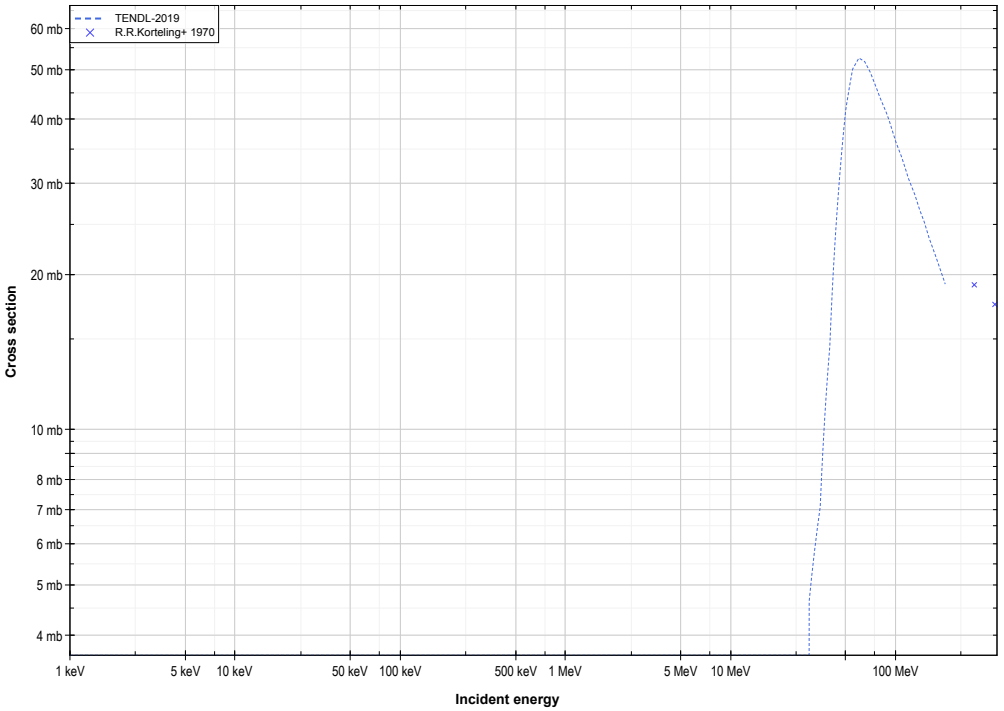
Mg25 (p,p+t) or Na22 production lin-log



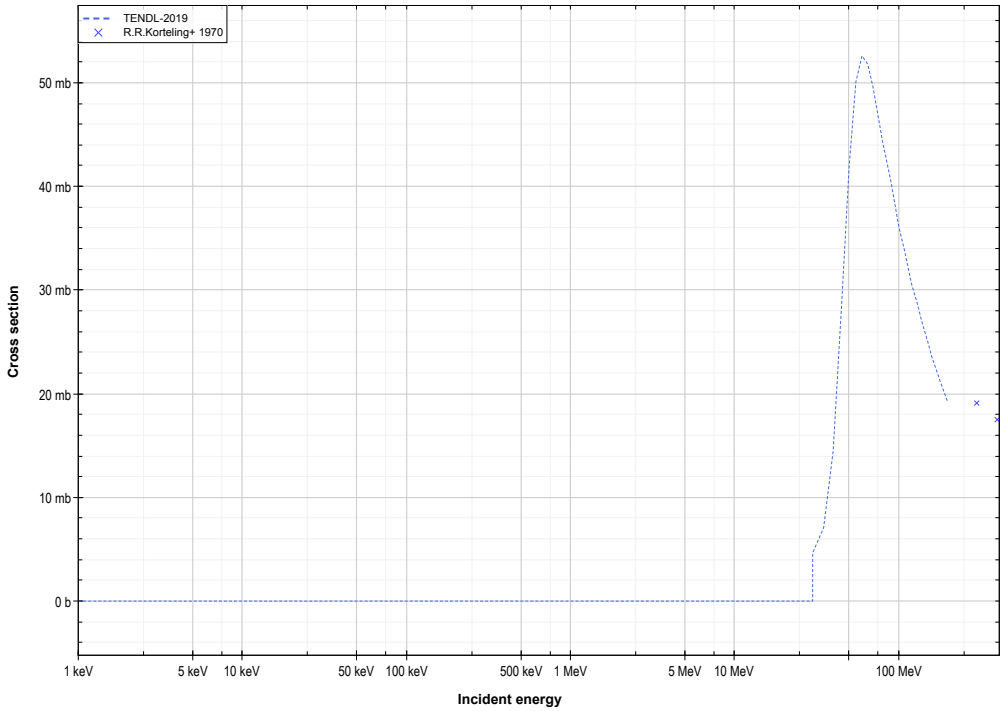
Reaction	Q-Value
Mg25(p,α)Na22	-3147.22 keV
Mg25(p,p+t)Na22	-22961.08 keV
Mg25(p,n+He3)Na22	-23724.83 keV
Mg25(p,2d)Na22	-26993.74 keV
Mg25(p,n+p+d)Na22	-29218.31 keV
Mg25(p,2n+2p)Na22	-31442.87 keV

<< 8-O-16	**12-Mg-25**	14-Si-28 >>
<< MT116 (p,p+t)	**MT183 (p,n+p+d) or MT5 (Na22 production)**	MT190 (p,2n+2p) >>

Mg25 (p,n+p+d) or Na22 production log-log



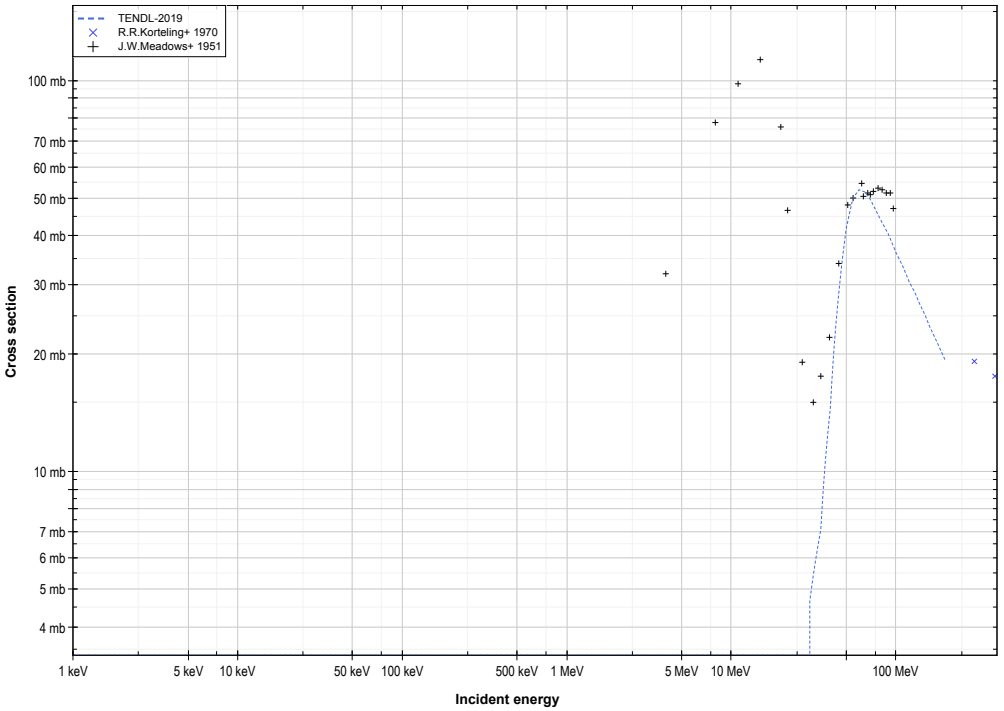
Mg25 (p,n+p+d) or Na22 production lin-log



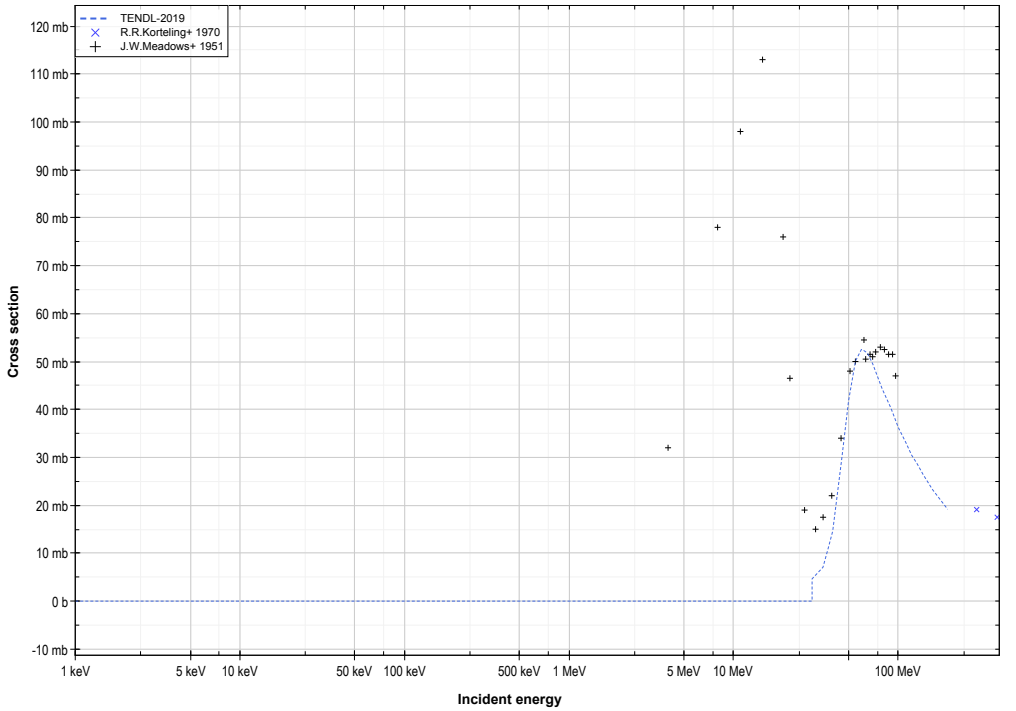
Reaction	Q-Value
Mg25(p,α)Na22	-3147.22 keV
Mg25(p,p+t)Na22	-22961.08 keV
Mg25(p,n+He3)Na22	-23724.83 keV
Mg25(p,2d)Na22	-26993.74 keV
Mg25(p,n+p+d)Na22	-29218.31 keV
Mg25(p,2n+2p)Na22	-31442.87 keV

<< 8-O-16	**12-Mg-25**	14-Si-28 >>
<< MT183 (p,n+p+d)	**MT190 (p,2n+2p) or MT5 (Na22 production)**	12-Mg-26 MT4 (p,n) >>

Mg25 (p,2n+2p) or Na22 production log-log



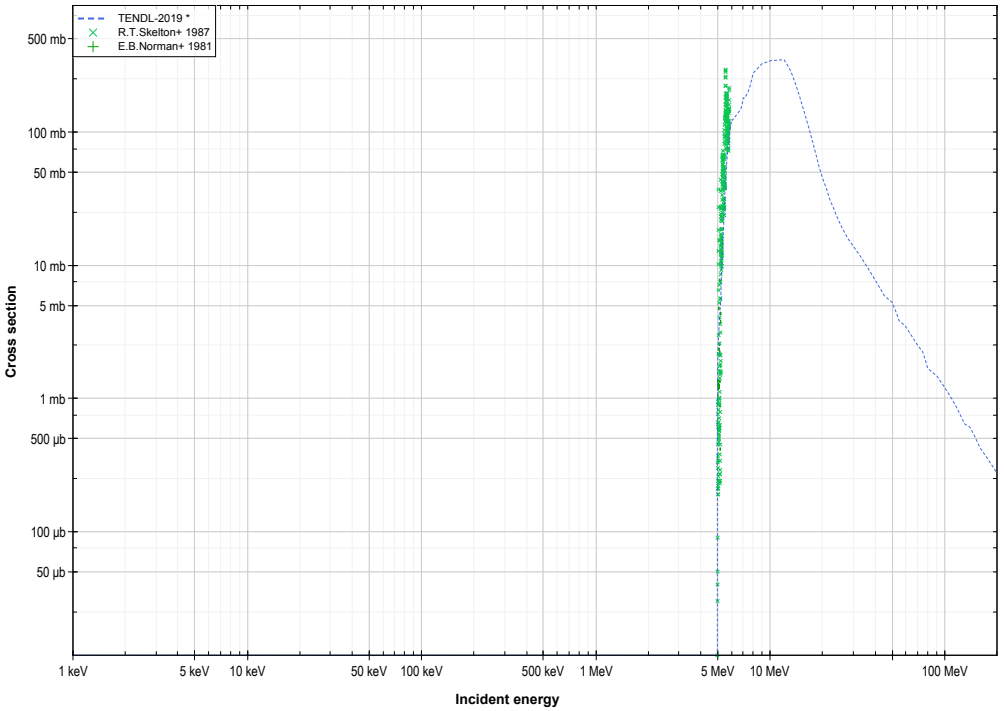
Mg25 (p,2n+2p) or Na22 production lin-log



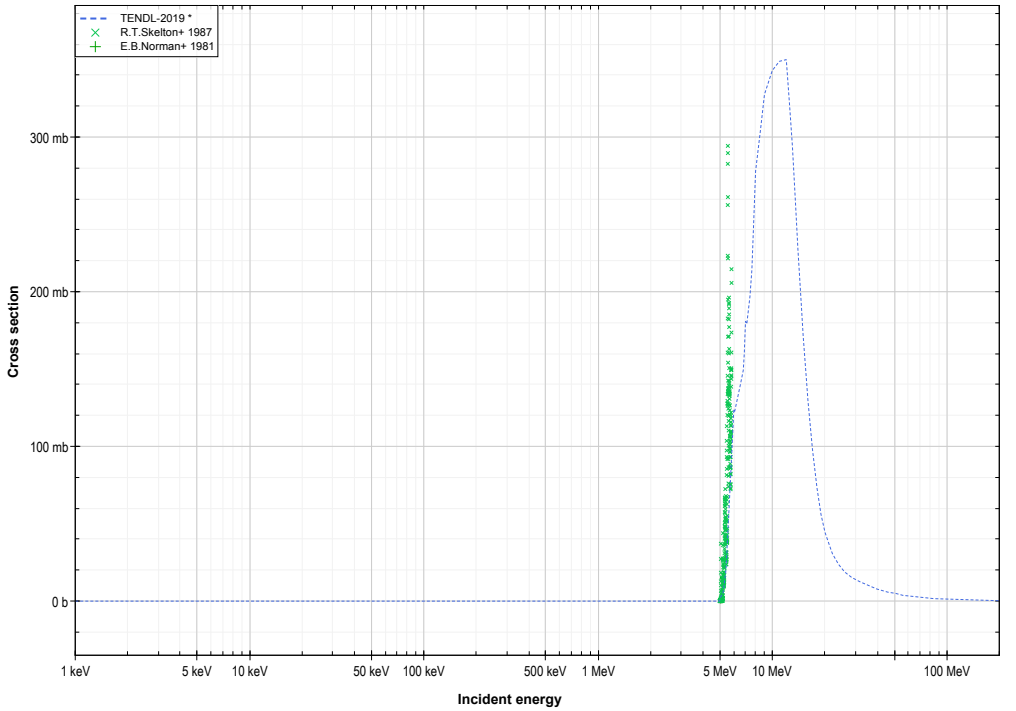
Reaction	Q-Value
Mg25(p,α)Na22	-3147.22 keV
Mg25(p,p+t)Na22	-22961.08 keV
Mg25(p,n+He3)Na22	-23724.83 keV
Mg25(p,2d)Na22	-26993.74 keV
Mg25(p,n+p+d)Na22	-29218.31 keV
Mg25(p,2n+2p)Na22	-31442.87 keV

<< 12-Mg-25	**12-Mg-26**	13-Al-27 >>
<< 12-Mg-25 MT190 (p,2n+2p)	**MT4 (p,n) or MT5 (Al26 production)**	MT22 (p,n+α) >>

Mg26 (p,n) or Al26 production log-log



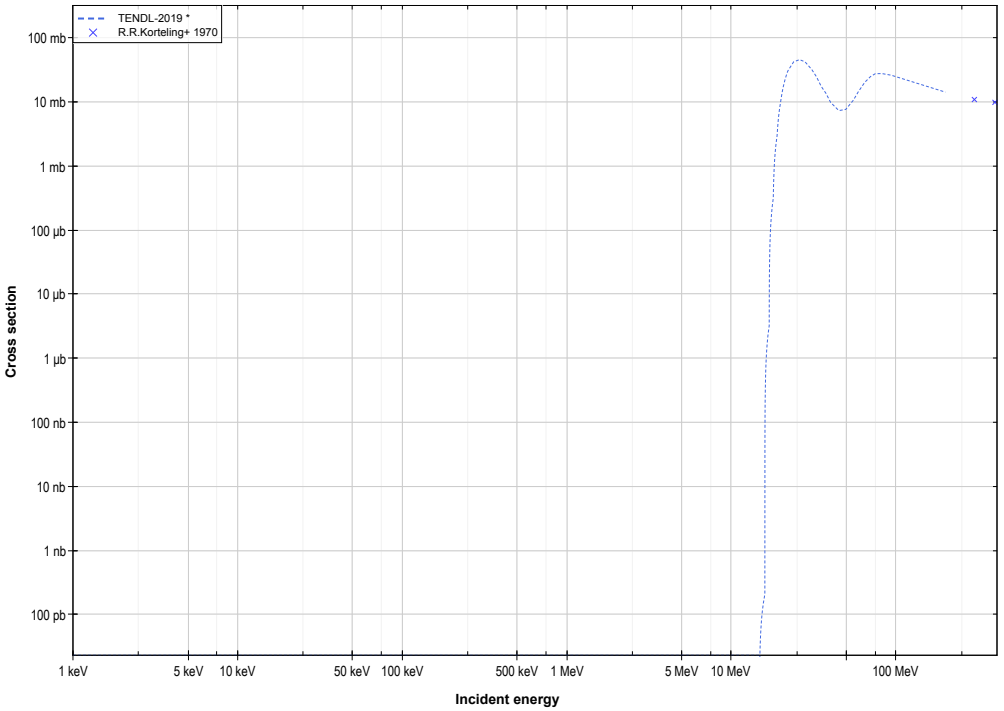
Mg26 (p,n) or Al26 production lin-log



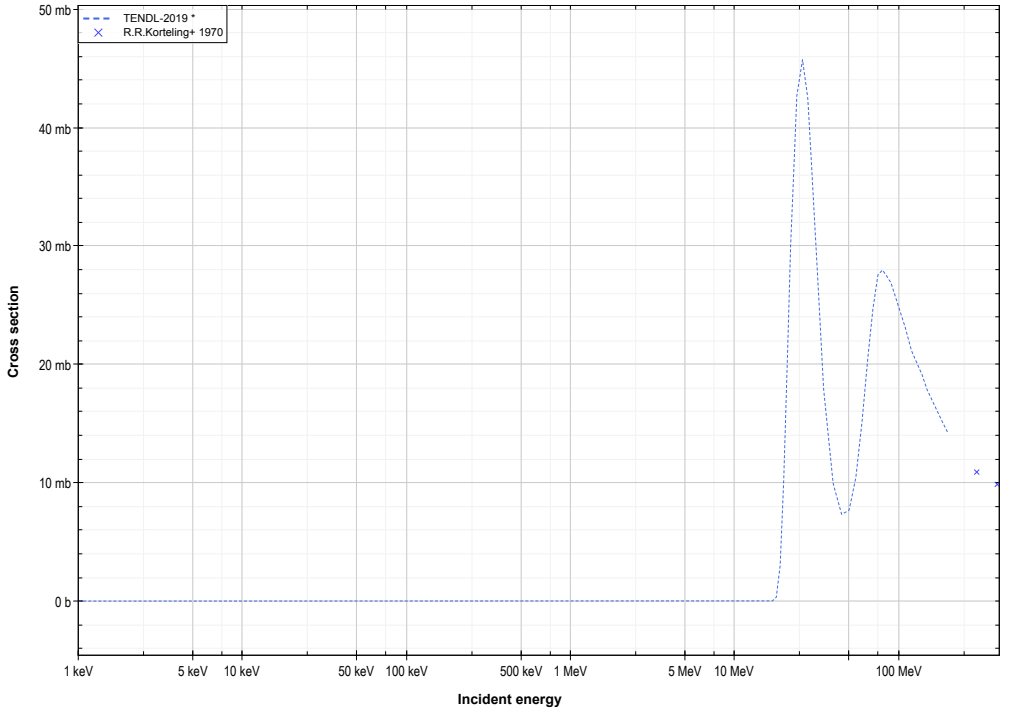
Reaction	Q-Value
Mg26(p,n)Al26	-4786.74 keV

<< 9-F-19	**12-Mg-26**	13-Al-27 >>
<< MT4 (p,n)	**MT22 (p,n+α) or MT5 (Na22 production)**	MT29 (p,n+2α) >>

Mg26 (p,n+α) or Na22 production log-log



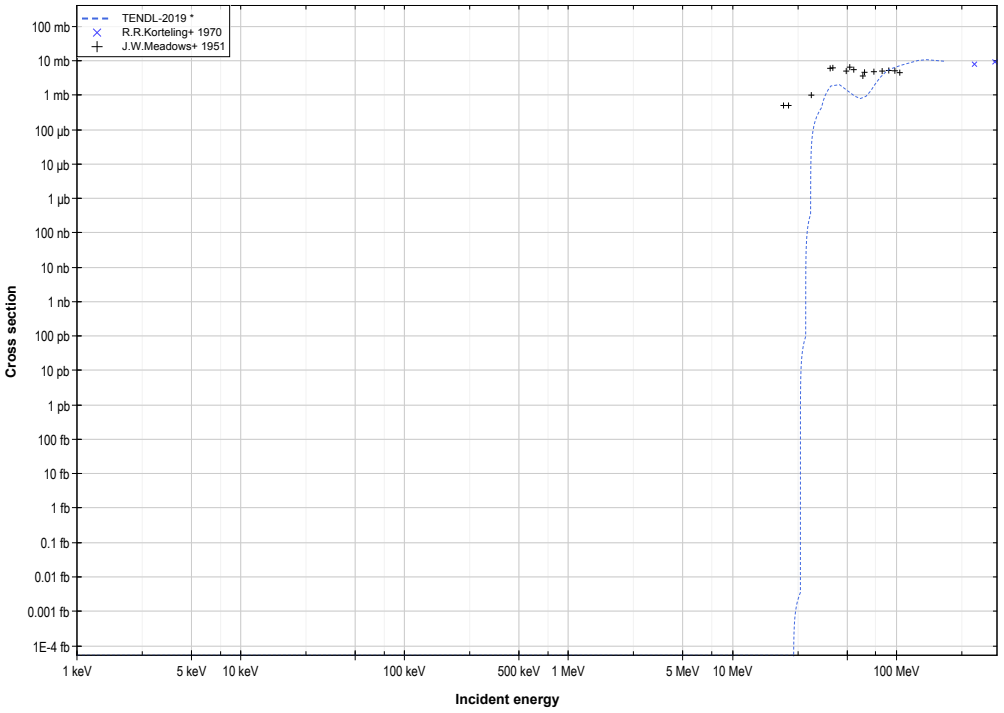
Mg26 (p,n+α) or Na22 production lin-log



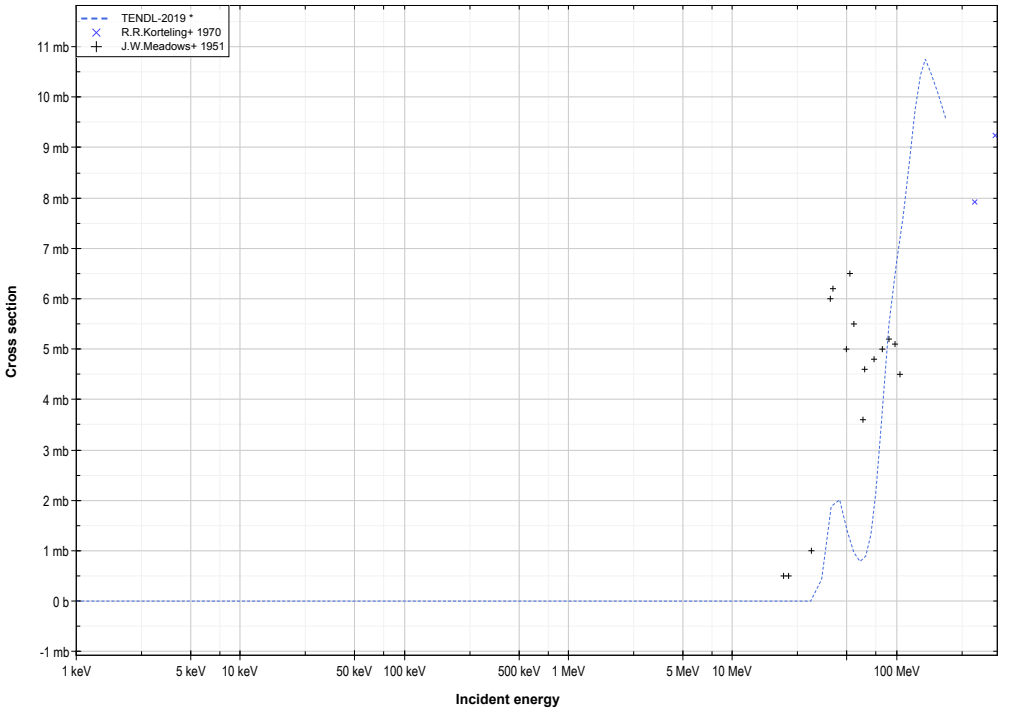
Reaction	Q-Value
Mg26(p,n+α)Na22	-14240.29 keV
Mg26(p,d+t)Na22	-31829.59 keV
Mg26(p,n+p+t)Na22	-34054.16 keV
Mg26(p,2n+He3)Na22	-34817.91 keV
Mg26(p,n+2d)Na22	-38086.82 keV
Mg26(p,2n+p+d)Na22	-40311.39 keV
Mg26(p,3n+2p)Na22	-42535.95 keV

<< 11-Na-23	**12-Mg-26**	14-Si-28 >>
<< MT22 (p,n+α)	**MT29 (p,n+2α) or MT5 (F18 production)**	MT44 (p,n+2p) >>

Mg26 (p,n+2α) or F18 production log-log



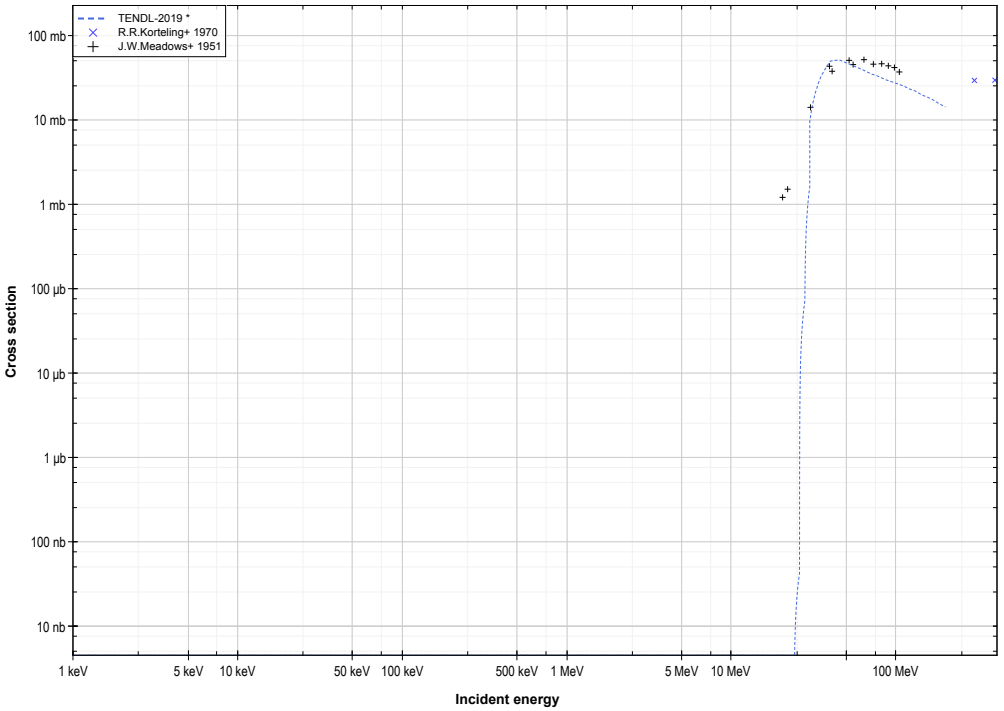
Mg26 (p,n+2α) or F18 production lin-log



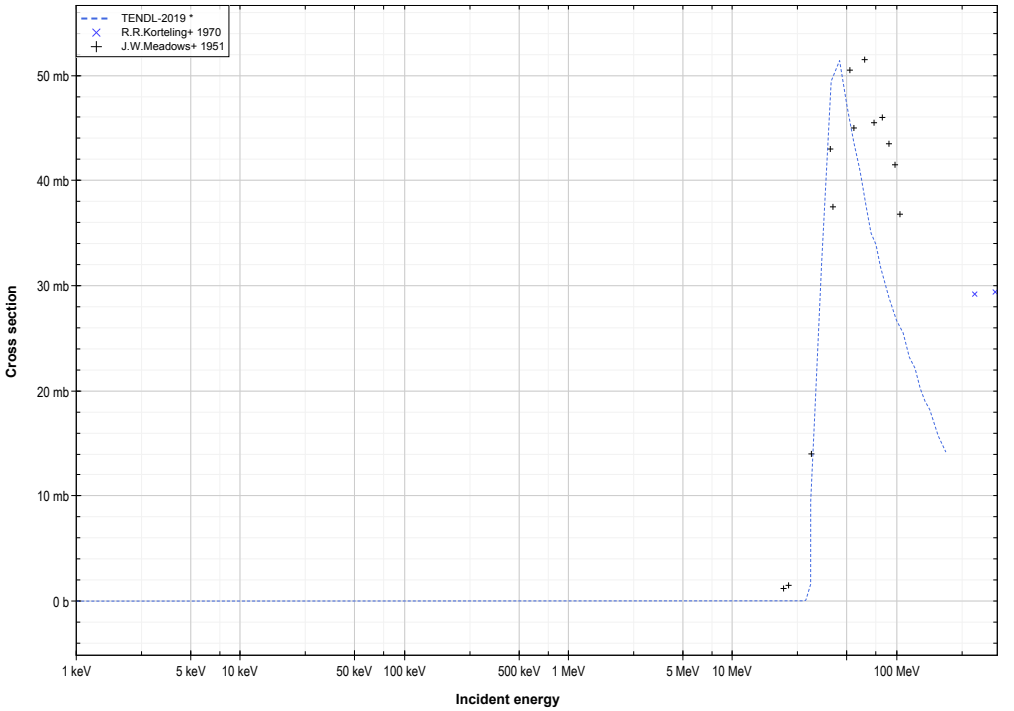
Reaction	Q-Value	Reaction	Q-Value
Mg26(p,n+2α)F18	-22719.82 keV	Mg26(p,p+d+2t)F18	-60122.98 keV
Mg26(p,d+t+α)F18	-40309.12 keV	Mg26(p,n+d+t+He3)F18	-60886.74 keV
Mg26(p,n+p+t+α)F18	-42533.68 keV	Mg26(p,n+2p+2t)F18	-62347.55 keV
Mg26(p,2n+He3+α)F18	-43297.44 keV	Mg26(p,2n+p+t+He3)F18	-63111.30 keV
Mg26(p,n+2d+α)F18	-46566.35 keV	Mg26(p,3n+2He3)F18	-63875.06 keV
Mg26(p,2n+p+d+α)F18	-48790.91 keV	Mg26(p,3d+t)F18	-64155.65 keV
Mg26(p,3n+2p+α)F18	-51015.48 keV	Mg26(p,n+p+2d+t)F18	-66380.21 keV
Mg26(p,2t+He3)F18	-54629.51 keV	Mg26(p,2n+2d+He3)F18	-67143.97 keV

<< 12-Mg-24	**12-Mg-26**	14-Si-28 >>
<< MT29 (p,n+2α)	**MT44 (p,n+2p) or MT5 (Na24 production)**	MT106 (p,³He) >>

Mg26 (p,n+2p) or Na24 production log-log



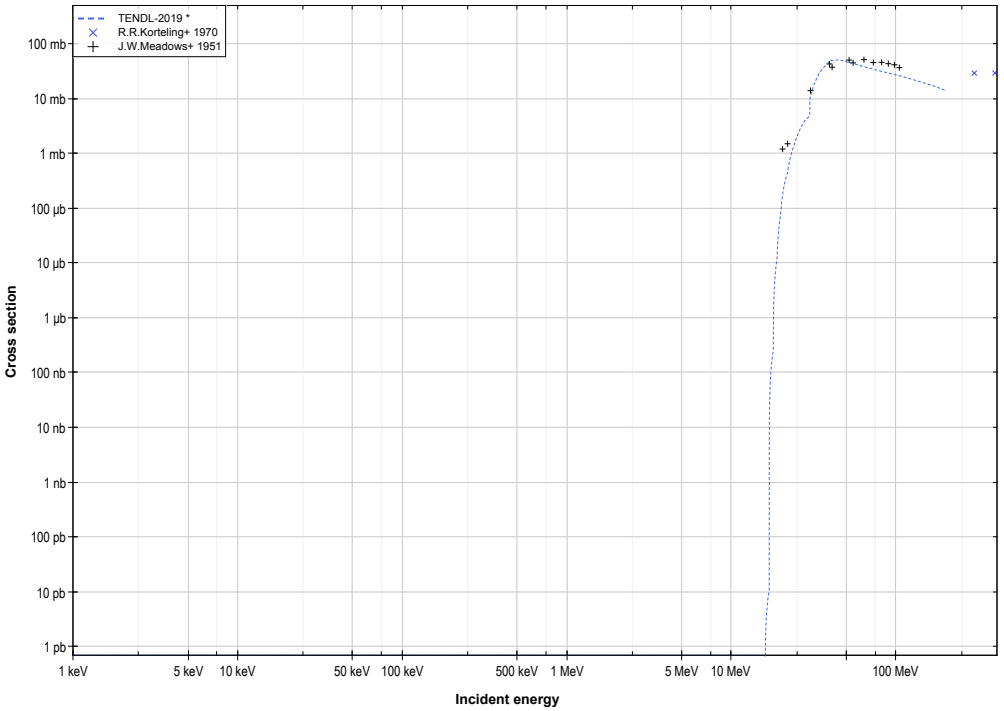
Mg26 (p,n+2p) or Na24 production lin-log



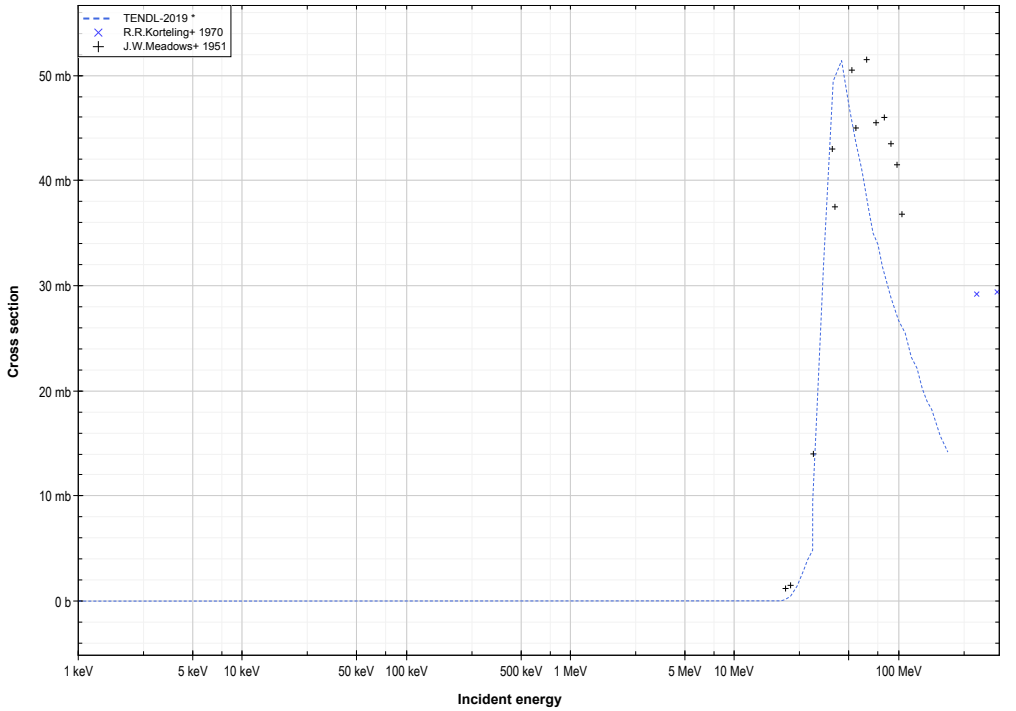
Reaction	Q-Value
Mg26(p,He3)Na24	-15438.89 keV
Mg26(p,p+d)Na24	-20932.36 keV
Mg26(p,n+2p)Na24	-23156.93 keV

<< 12-Mg-24	**12-Mg-26**	14-Si-28 >>
<< MT44 (p,n+2p)	**MT106 (p,³He) or MT5 (Na24 production)**	MT115 (p,p+d) >>

Mg26 (p,³He) or Na24 production log-log



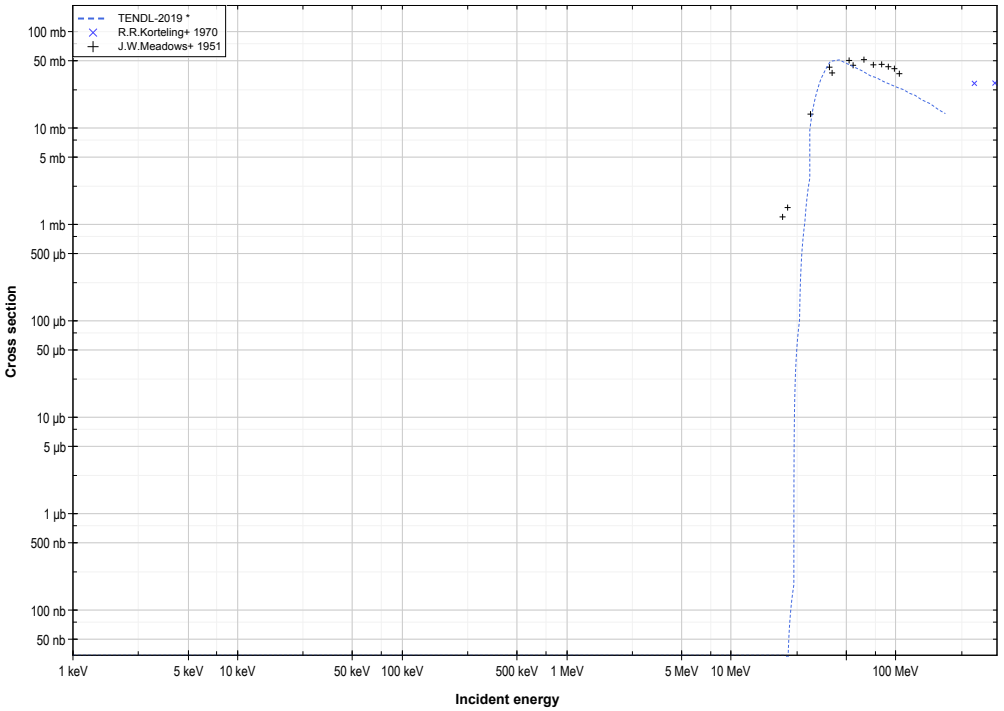
Mg26 (p,³He) or Na24 production lin-log



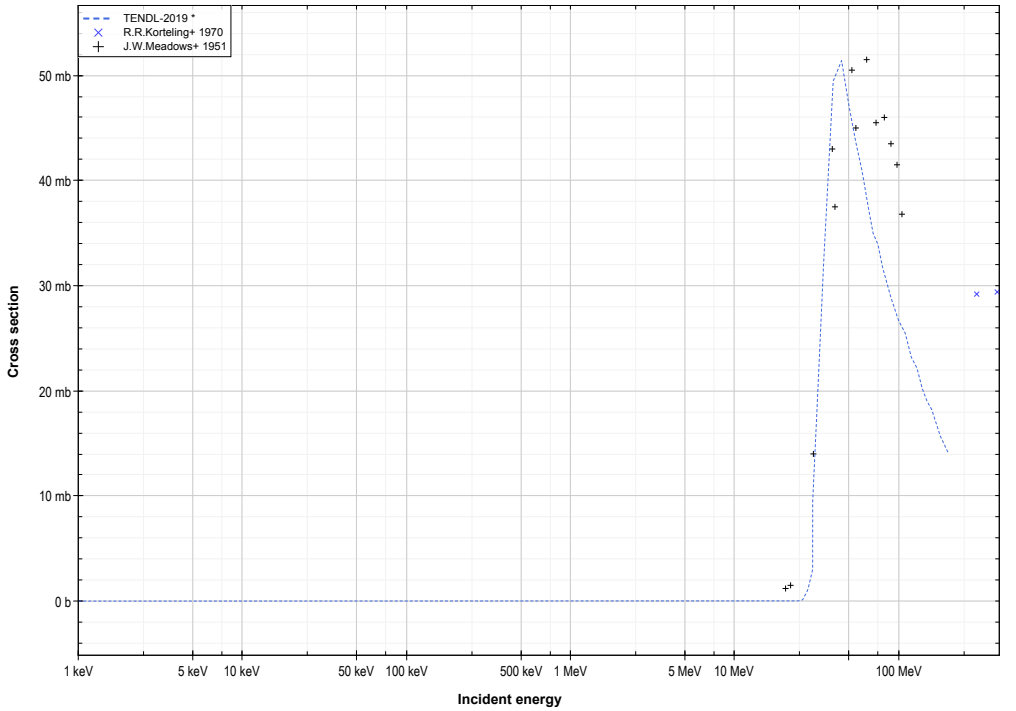
Reaction	Q-Value
Mg26(p,He3)Na24	-15438.89 keV
Mg26(p,p+d)Na24	-20932.36 keV
Mg26(p,n+2p)Na24	-23156.93 keV

<< 12-Mg-24	**12-Mg-26**	14-Si-28 >>
<< MT106 (p,³He)	**MT115 (p,p+d) or MT5 (Na24 production)**	MT176 (p,2n+³He) >>

Mg26 (p,p+d) or Na24 production log-log



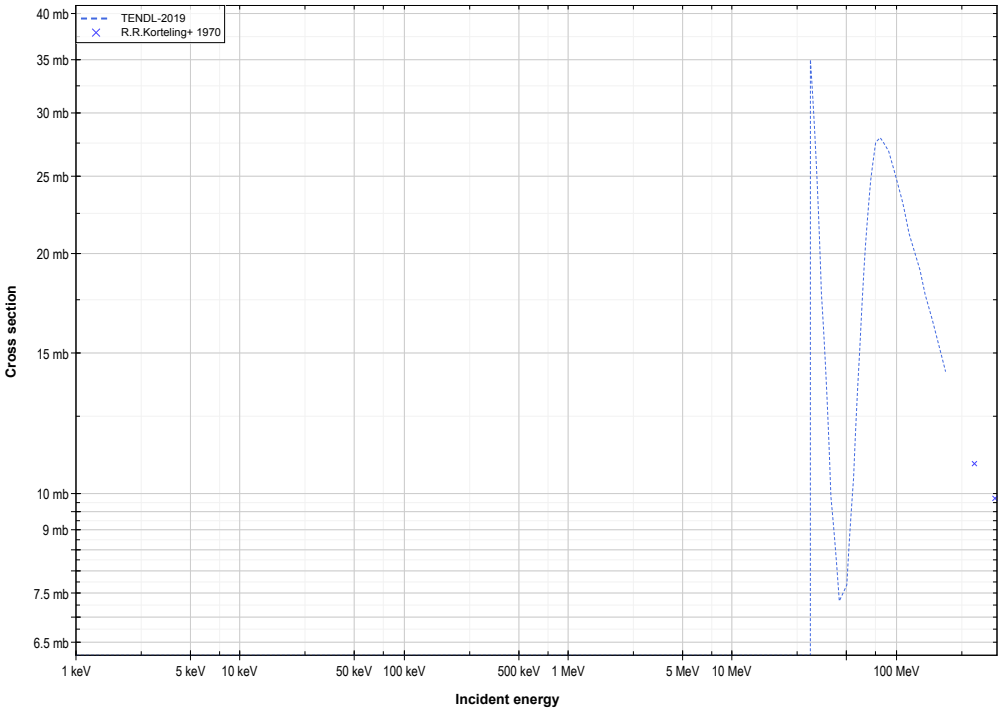
Mg26 (p,p+d) or Na24 production lin-log



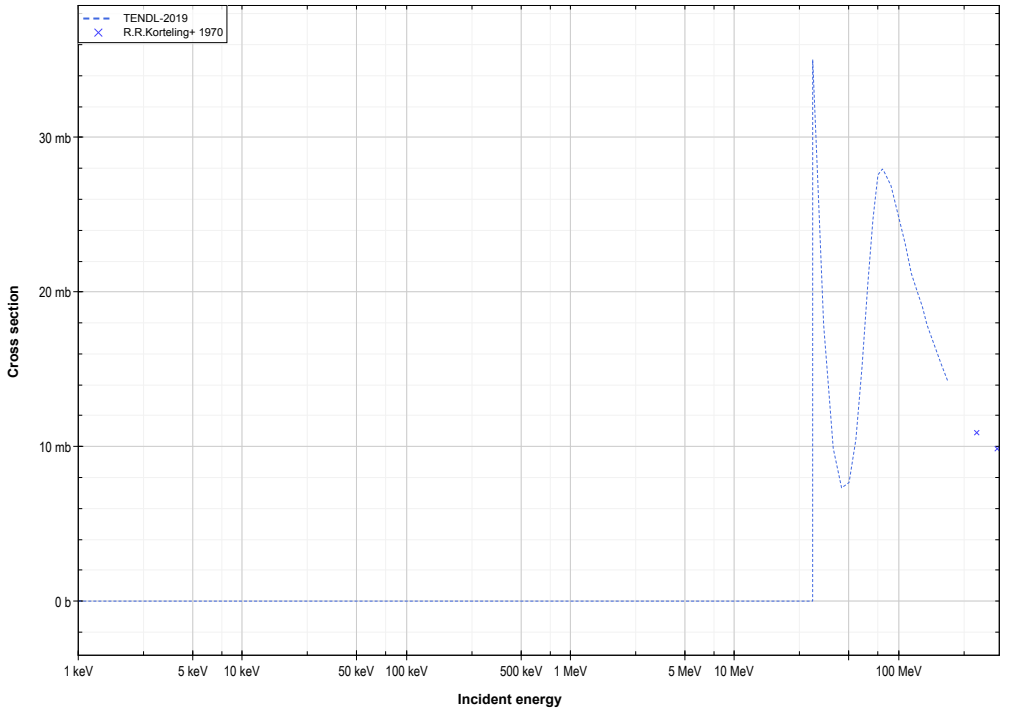
Reaction	Q-Value
Mg26(p,He3)Na24	-15438.89 keV
Mg26(p,p+d)Na24	-20932.36 keV
Mg26(p,n+2p)Na24	-23156.93 keV

<< 9-F-19	**12-Mg-26**	13-Al-27 >>
<< MT115 (p,p+d)	**MT176 (p,2n+³He) or MT5 (Na22 production)**	MT179 (p,3n+2p) >>

Mg26 (p,2n+³He) or Na22 production log-log



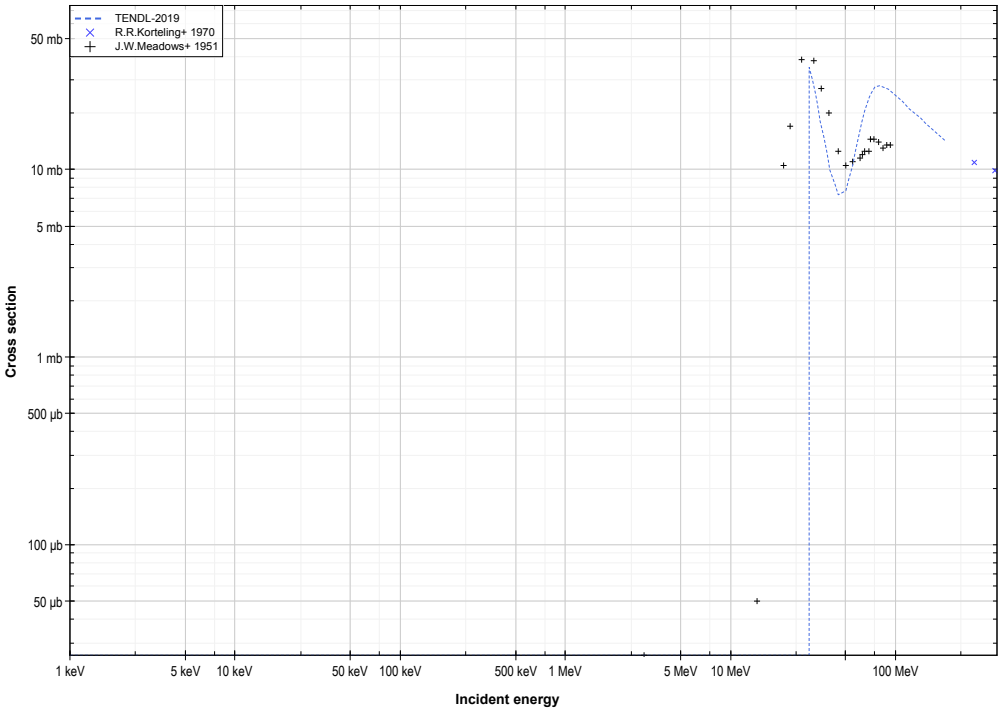
Mg26 (p,2n+³He) or Na22 production lin-log



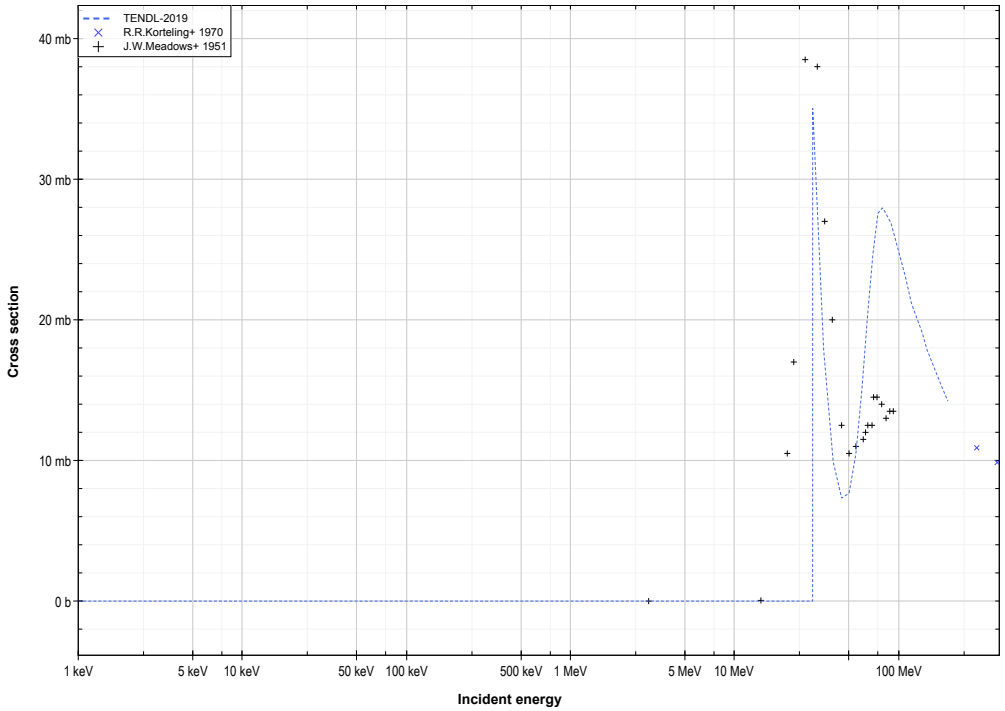
Reaction	Q-Value
Mg26(p,n+α)Na22	-14240.29 keV
Mg26(p,d+t)Na22	-31829.59 keV
Mg26(p,n+p+t)Na22	-34054.16 keV
Mg26(p,2n+He3)Na22	-34817.91 keV
Mg26(p,n+2d)Na22	-38086.82 keV
Mg26(p,2n+p+d)Na22	-40311.39 keV
Mg26(p,3n+2p)Na22	-42535.95 keV

<< 9-F-19	**12-Mg-26**	13-Al-27 >>
<< MT176 (p,2n+^{3}He)	**MT179 (p,3n+2p) or MT5 (Na22 production)**	MT182 (p,d+t) >>

Mg26 (p,3n+2p) or Na22 production log-log



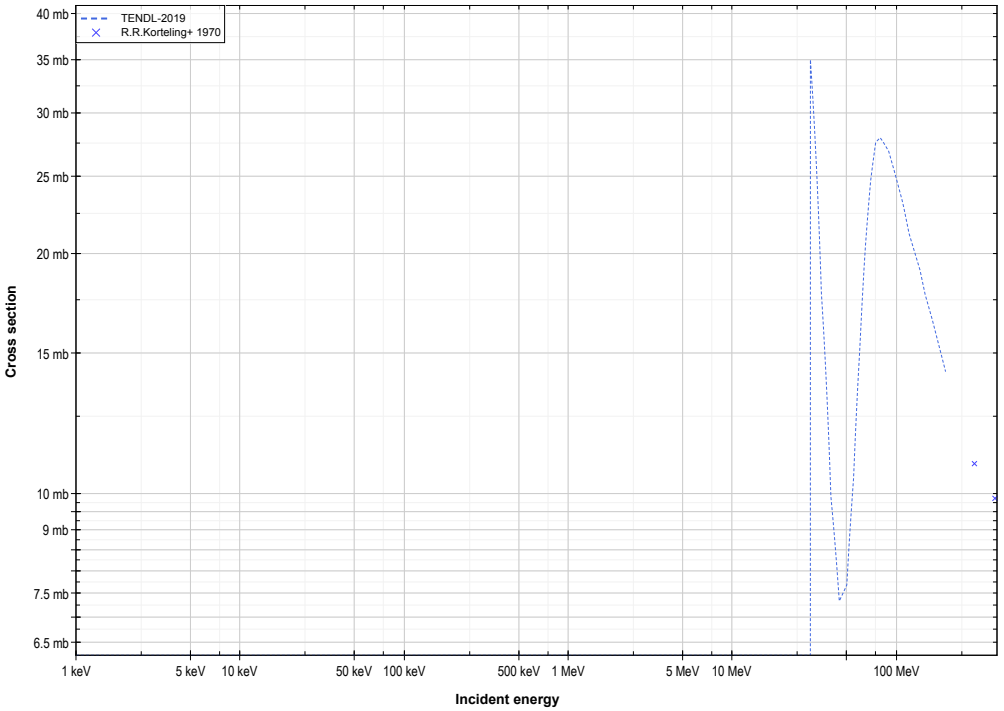
Mg26 (p,3n+2p) or Na22 production lin-log



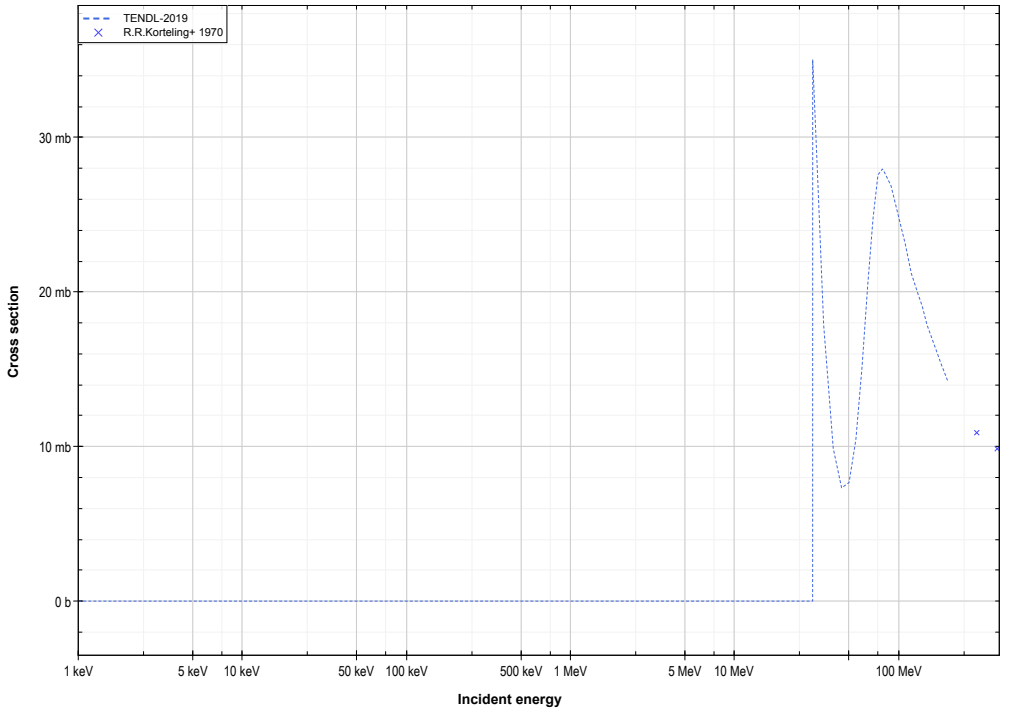
Reaction	Q-Value
Mg26(p,n+α)Na22	-14240.29 keV
Mg26(p,d+t)Na22	-31829.59 keV
Mg26(p,n+p+t)Na22	-34054.16 keV
Mg26(p,2n+He3)Na22	-34817.91 keV
Mg26(p,n+2d)Na22	-38086.82 keV
Mg26(p,2n+p+d)Na22	-40311.39 keV
Mg26(p,3n+2p)Na22	-42535.95 keV

<< 9-F-19	**12-Mg-26**	13-Al-27 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Na22 production)**	MT184 (p,n+p+t) >>

Mg26 (p,d+t) or Na22 production log-log



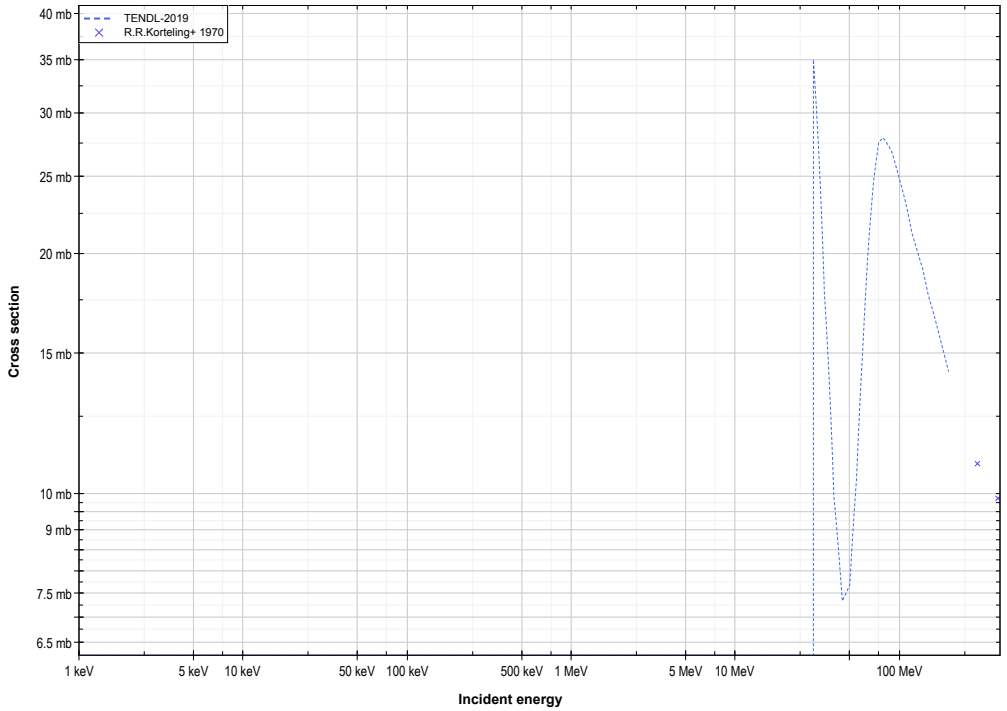
Mg26 (p,d+t) or Na22 production lin-log



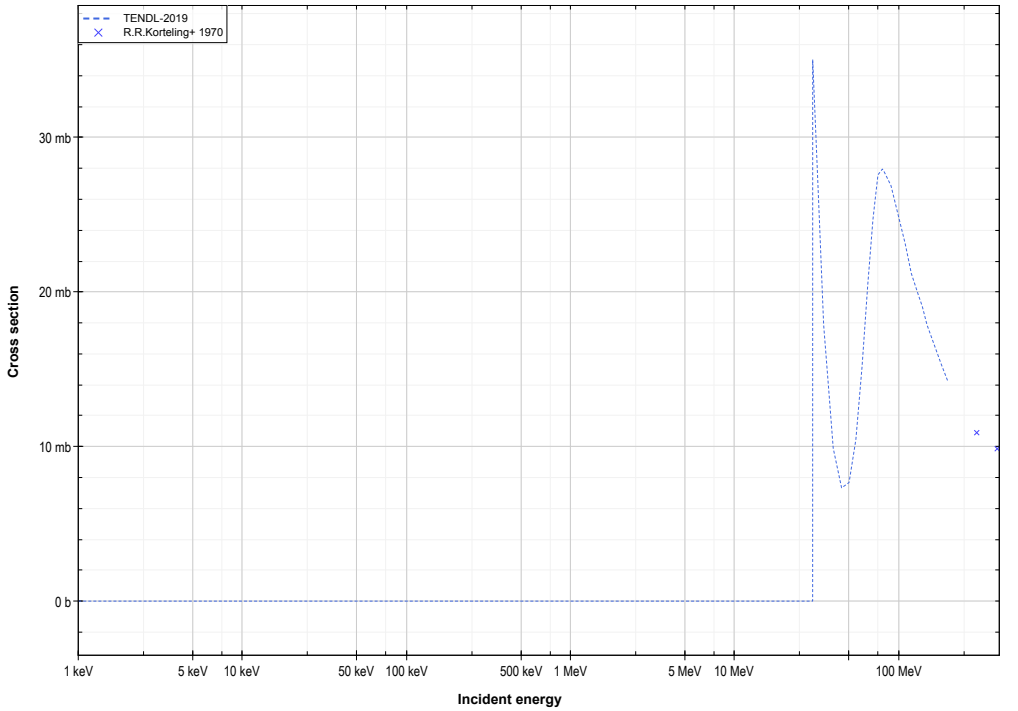
Reaction	Q-Value
Mg26(p,n+α)Na22	-14240.29 keV
Mg26(p,d+t)Na22	-31829.59 keV
Mg26(p,n+p+t)Na22	-34054.16 keV
Mg26(p,2n+He3)Na22	-34817.91 keV
Mg26(p,n+2d)Na22	-38086.82 keV
Mg26(p,2n+p+d)Na22	-40311.39 keV
Mg26(p,3n+2p)Na22	-42535.95 keV

<< 9-F-19	**12-Mg-26**	13-Al-27 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Na22 production)**	MT199 (p,3n+2p+α) >>

Mg26 (p,n+p+t) or Na22 production log-log



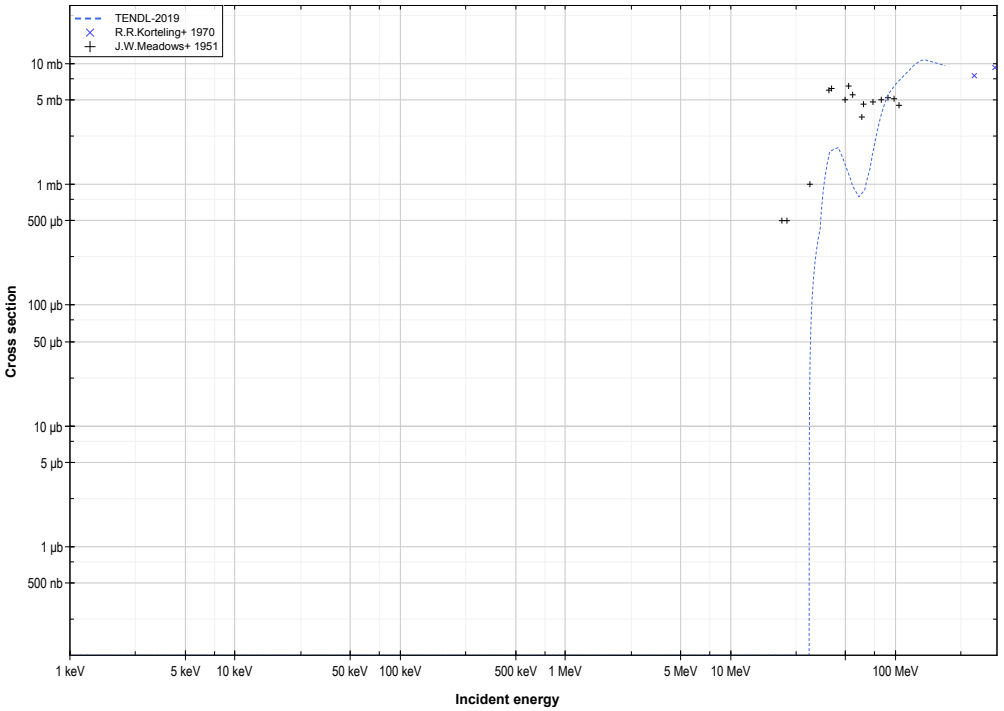
Mg26 (p,n+p+t) or Na22 production lin-log



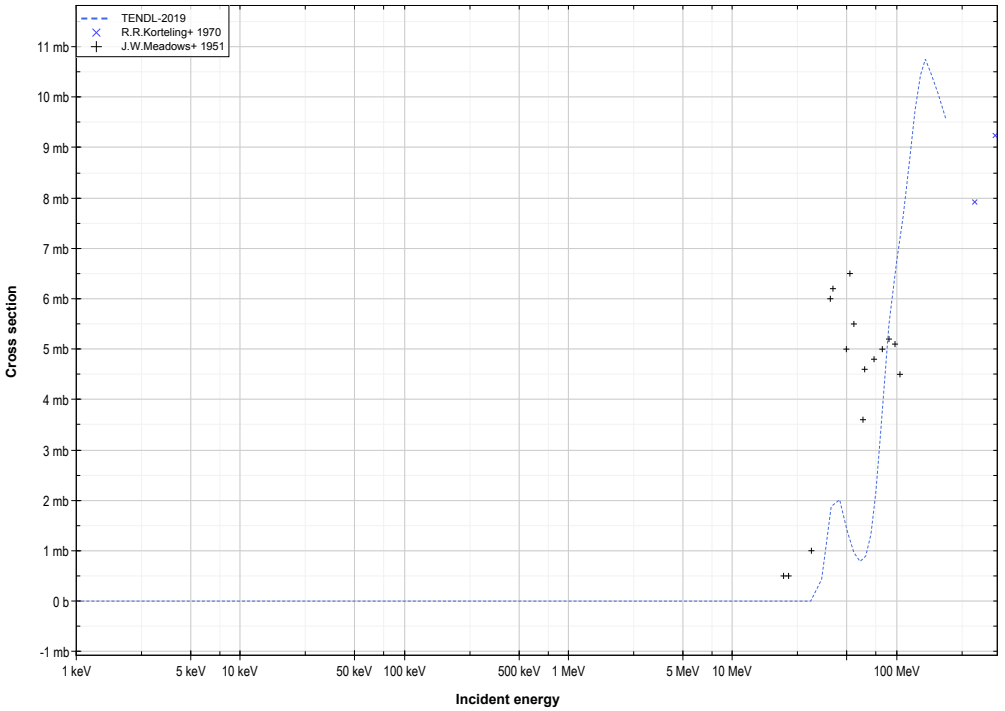
Reaction	Q-Value
Mg26(p,n+α)Na22	-14240.29 keV
Mg26(p,d+t)Na22	-31829.59 keV
Mg26(p,n+p+t)Na22	-34054.16 keV
Mg26(p,2n+He3)Na22	-34817.91 keV
Mg26(p,n+2d)Na22	-38086.82 keV
Mg26(p,2n+p+d)Na22	-40311.39 keV
Mg26(p,3n+2p)Na22	-42535.95 keV

<< 11-Na-23	**12-Mg-26**	14-Si-28 >>
<< MT184 (p,n+p+t)	**MT199 (p,3n+2p+α) or MT5 (F18 production)**	13-Al-27 MT4 (p,n) >>

Mg26 (p,3n+2p+α) or F18 production log-log



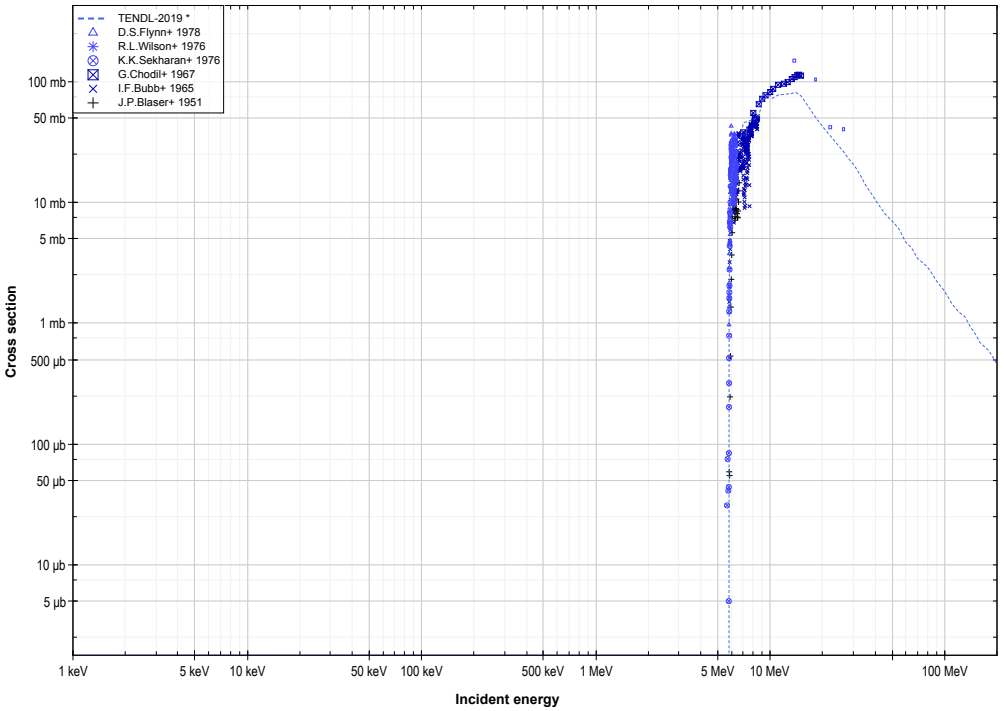
Mg26 (p,3n+2p+α) or F18 production lin-log



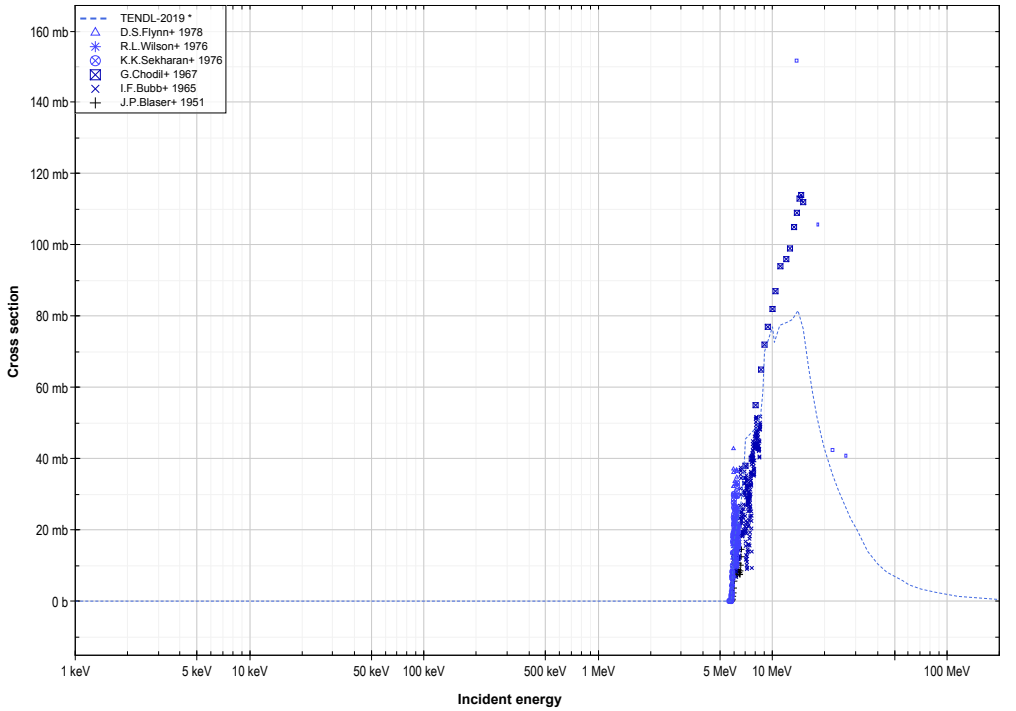
Reaction	Q-Value	Reaction	Q-Value
Mg26(p,n+2α)F18	-22719.82 keV	Mg26(p,p+d+2t)F18	-60122.98 keV
Mg26(p,d+t+α)F18	-40309.12 keV	Mg26(p,n+d+t+He3)F18	-60886.74 keV
Mg26(p,n+p+t+α)F18	-42533.68 keV	Mg26(p,n+2p+2t)F18	-62347.55 keV
Mg26(p,2n+He3+α)F18	-43297.44 keV	Mg26(p,2n+p+t+He3)F18	-63111.30 keV
Mg26(p,n+2d+α)F18	-46566.35 keV	Mg26(p,3n+2He3)F18	-63875.06 keV
Mg26(p,2n+p+d+α)F18	-48790.91 keV	Mg26(p,3d+t)F18	-64155.65 keV
Mg26(p,3n+2p+α)F18	-51015.48 keV	Mg26(p,n+p+2d+t)F18	-66380.21 keV
Mg26(p,2t+He3)F18	-54629.51 keV	Mg26(p,2n+2d+He3)F18	-67143.97 keV

<< 12-Mg-26	**13-Al-27**	16-S-34 >>
<< 12-Mg-26 MT199 (p,3n+2p+α)	**MT4 (p,n) or MT5 (Si27 production)**	MT16 (p,2n) >>

Al27 (p,n) or Si27 production log-log



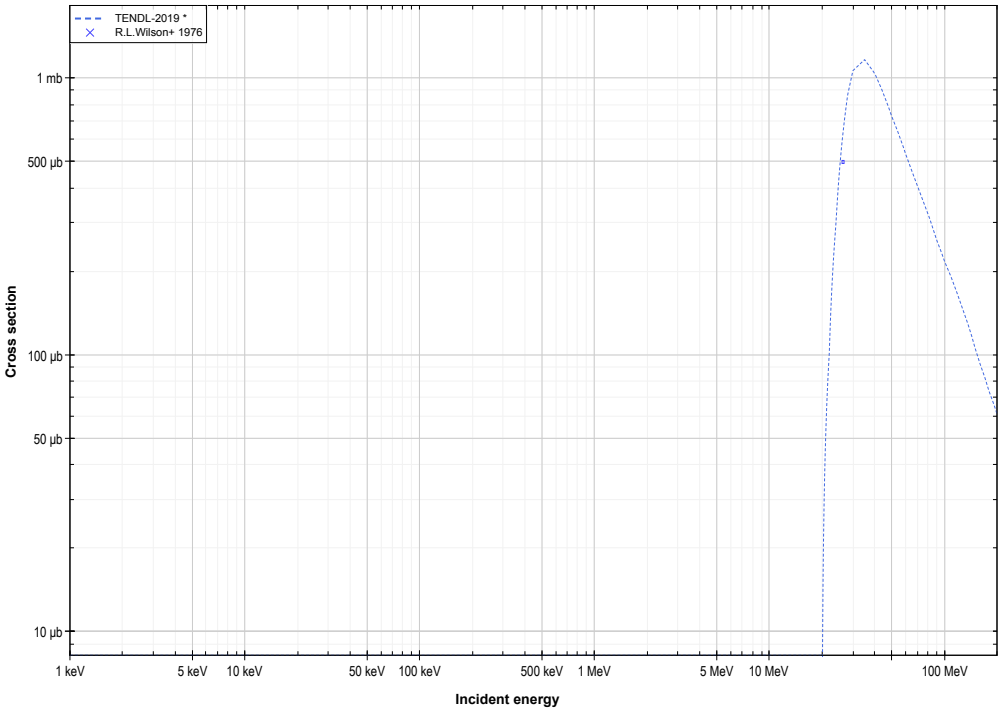
Al27 (p,n) or Si27 production lin-log



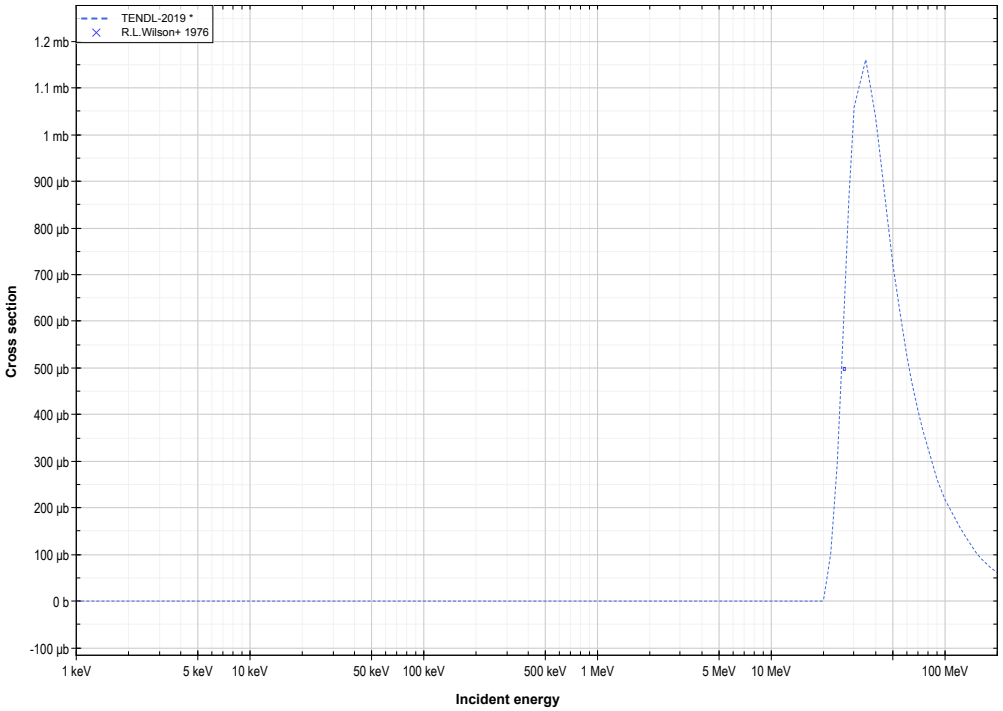
Reaction	Q-Value
Al27(p,n)Si27	-5594.71 keV

<< 5-B-11	**13-Al-27**	20-Ca-44 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Si26 production)**	MT22 (p,n+α) >>

Al27 (p,2n) or Si26 production log-log



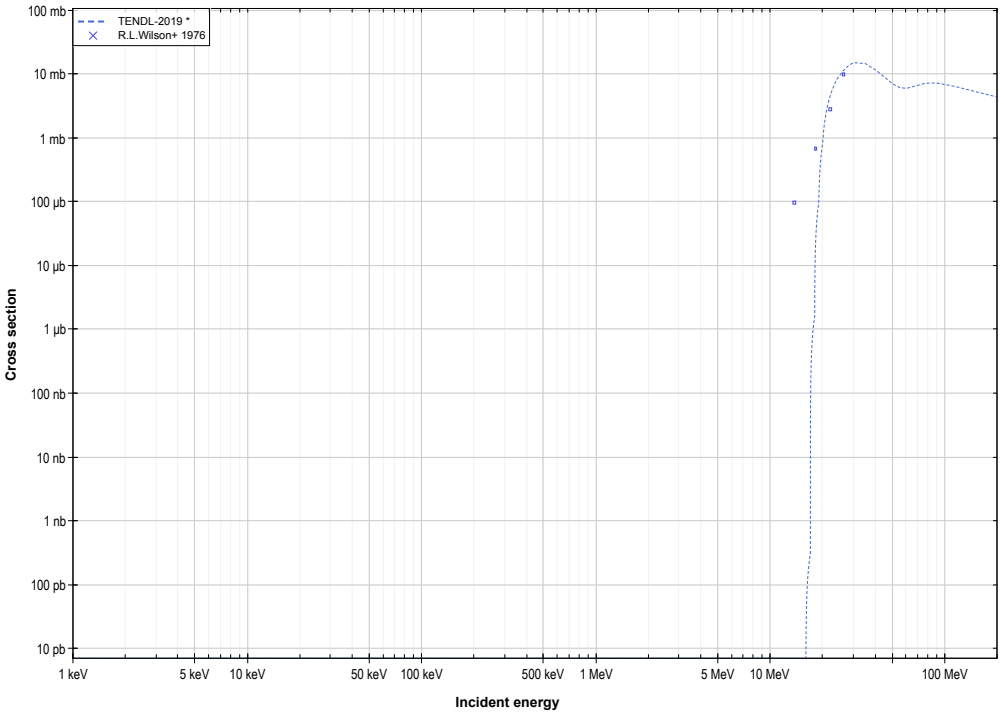
Al27 (p,2n) or Si26 production lin-log



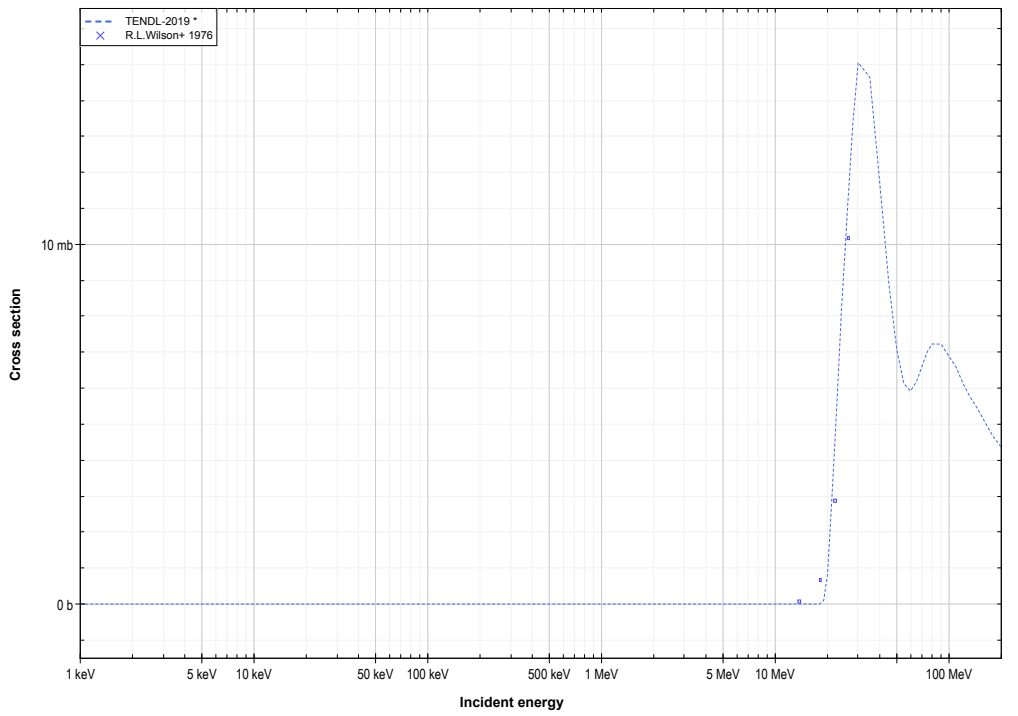
Reaction	Q-Value
Al27(p,2n)Si26	-18909.50 keV

<< 12-Mg-26	**13-Al-27**	18-Ar-40 >>
<< MT16 (p,2n)	**MT22 (p,n+α) or MT5 (Mg23 production)**	MT23 (p,n+3α) >>

Al27 (p,n+α) or Mg23 production log-log



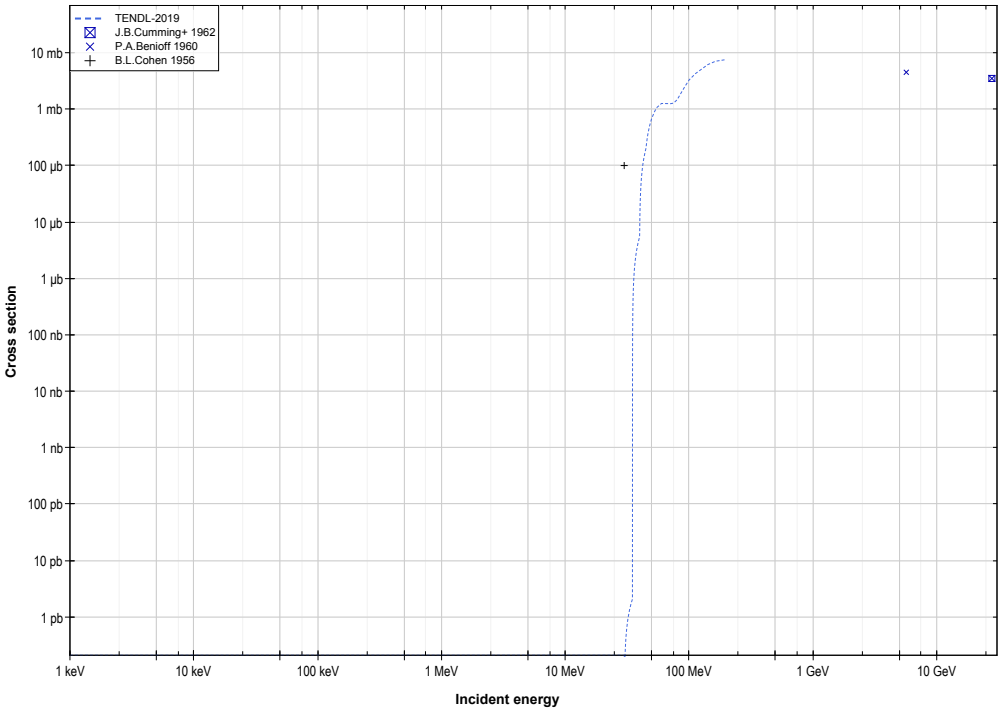
Al27 (p,n+α) or Mg23 production lin-log



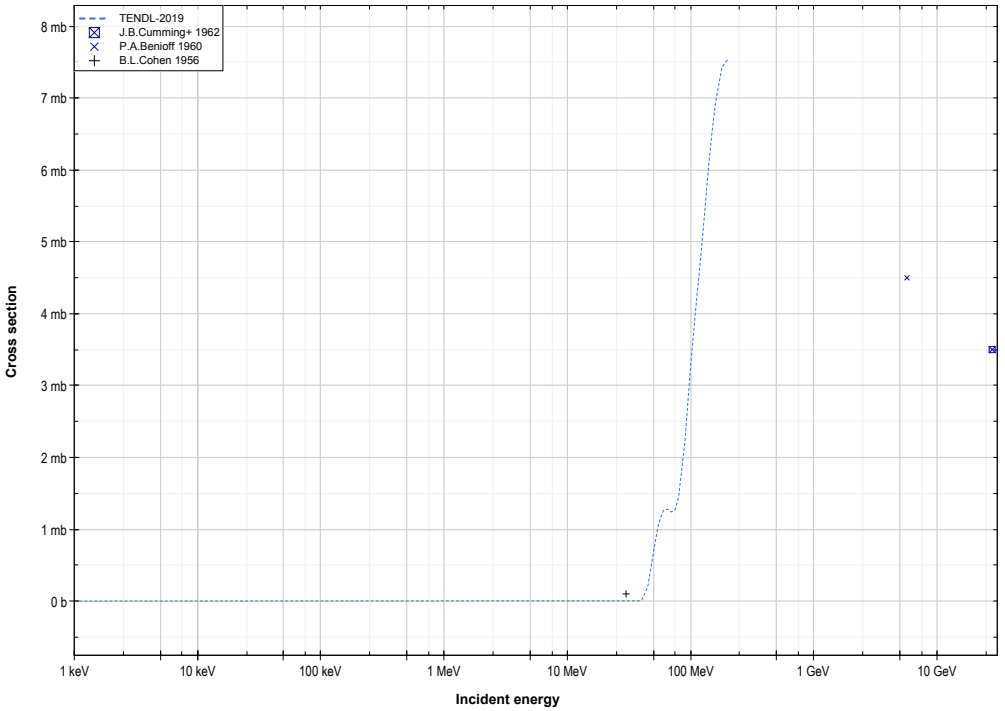
Reaction	Q-Value
Al27(p,n+α)Mg23	-14930.61 keV
Al27(p,d+t)Mg23	-32519.91 keV
Al27(p,n+p+t)Mg23	-34744.48 keV
Al27(p,2n+He3)Mg23	-35508.23 keV
Al27(p,n+2d)Mg23	-38777.14 keV
Al27(p,2n+p+d)Mg23	-41001.71 keV
Al27(p,3n+2p)Mg23	-43226.27 keV

<< 9-F-19	**13-Al-27**	14-Si-30 >>
<< MT22 (p,n+α)	**MT23 (p,n+3α) or MT5 (O15 production)**	MT28 (p,n+p) >>

Al27 (p,n+3α) or O15 production log-log



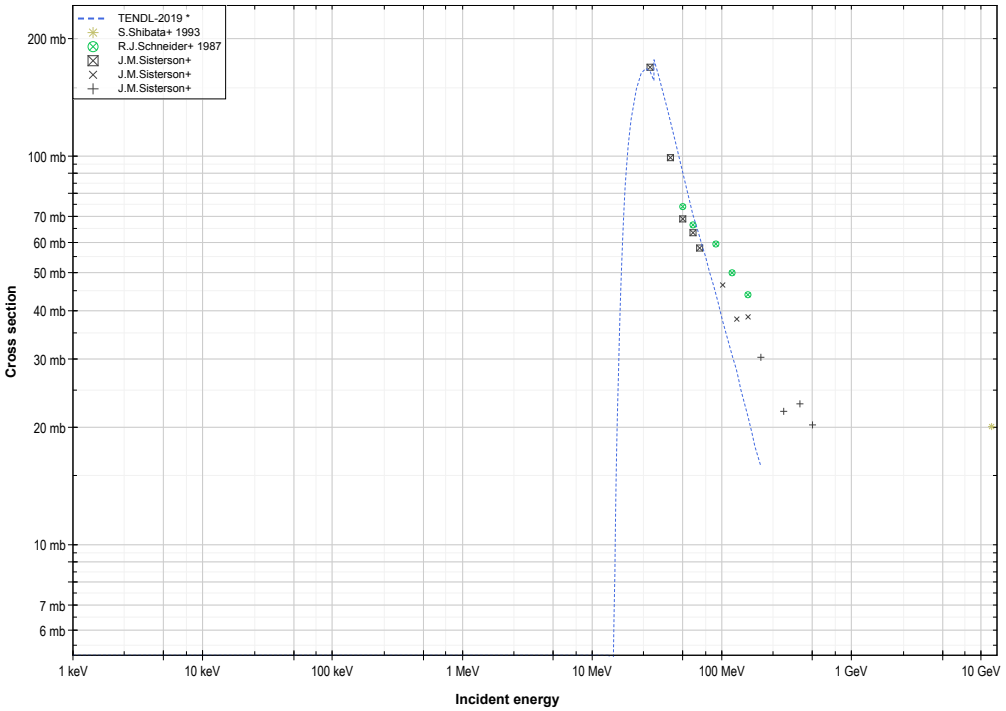
Al27 (p,n+3α) or O15 production lin-log



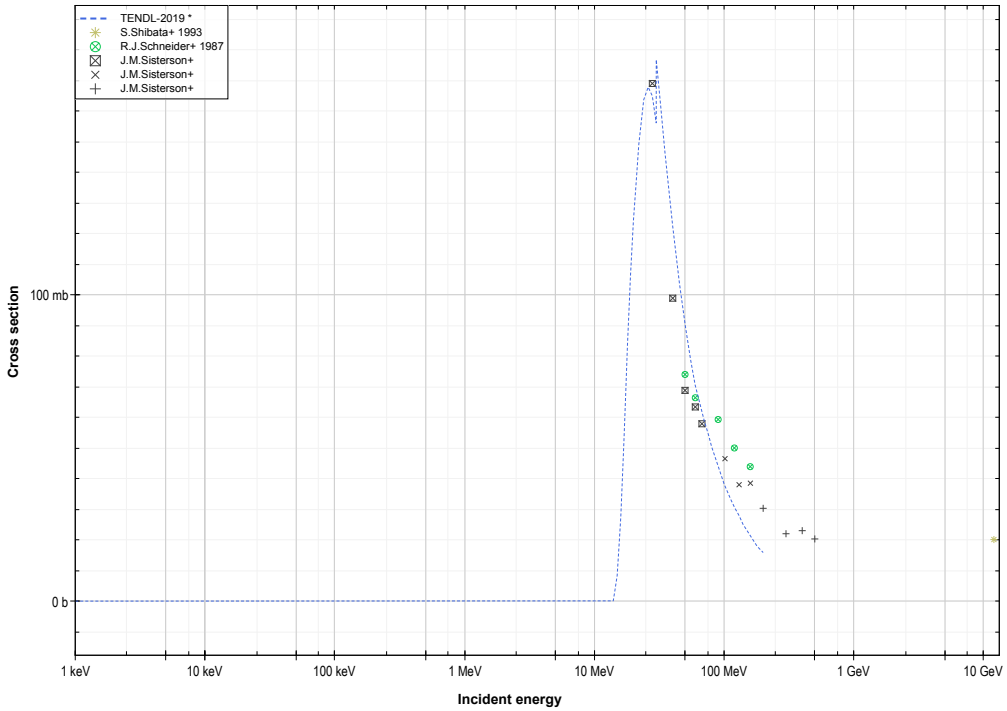
Reaction	Q-Value	Reaction	Q-Value
Al27(p,n+3α)O15	-28109.55 keV	Al27(p,p+d+2t+α)O15	-65512.72 keV
Al27(p,d+t+2α)O15	-45698.85 keV	Al27(p,n+d+t+He3+α)O15	-66276.47 keV
Al27(p,n+p+t+2α)O15	-47923.42 keV	Al27(p,n+2p+2t+α)O15	-67737.28 keV
Al27(p,2n+He3+2α)O15	-48687.17 keV	Al27(p,2n+p+t+He3+α)O15	-68501.04 keV
Al27(p,n+2d+2α)O15	-51956.08 keV	Al27(p,3n+2He3+α)O15	-69264.79 keV
Al27(p,2n+p+d+2α)O15	-54180.65 keV	Al27(p,3d+t+α)O15	-69545.38 keV
Al27(p,3n+2p+2α)O15	-56405.21 keV	Al27(p,n+p+2d+t+α)O15	-71769.95 keV
Al27(p,2t+He3+α)O15	-60019.24 keV	Al27(p,2n+2d+He3+α)O15	-72533.70 keV

<< 11-Na-23	**13-Al-27**	14-Si-28 >>
<< MT23 (p,n+3α)	**MT28 (p,n+p) or MT5 (Al26 production)**	MT45 (p,n+p+α) >>

Al27 (p,n+p) or Al26 production log-log



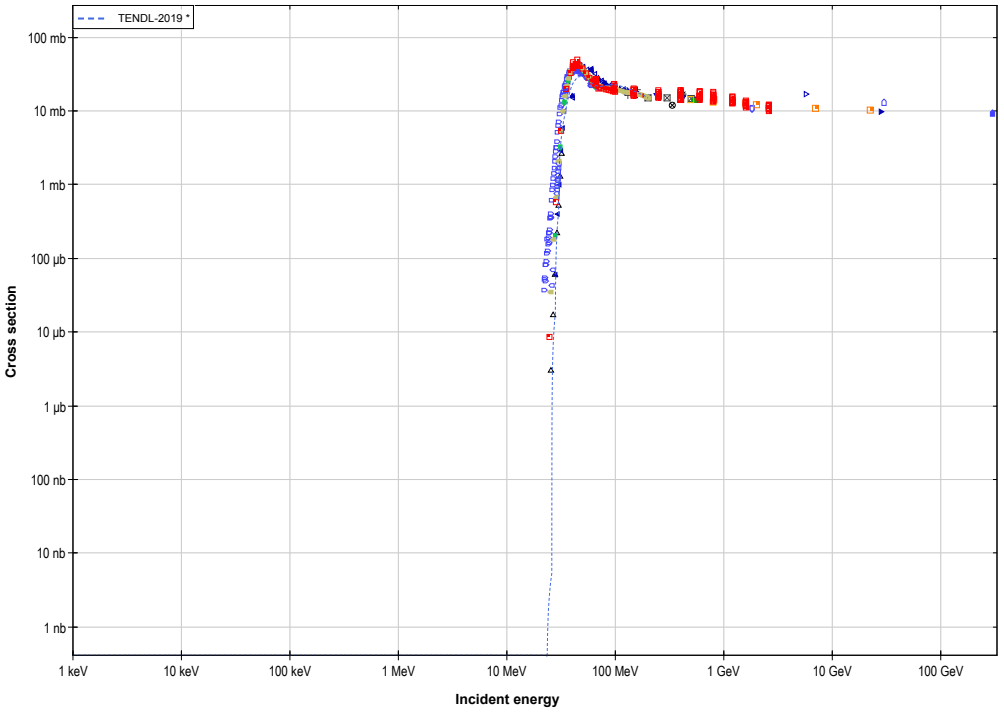
Al27 (p,n+p) or Al26 production lin-log



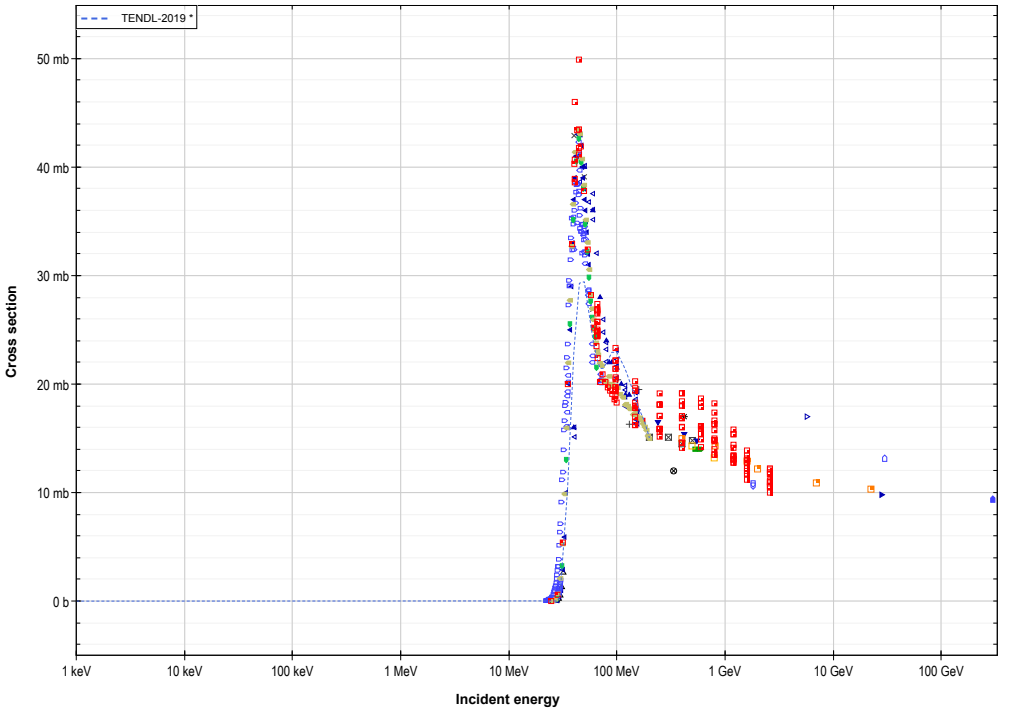
Reaction	Q-Value
Al27(p,d)Al26	-10833.46 keV
Al27(p,n+p)Al26	-13058.03 keV

<< 11-Na-23	**13-Al-27**	23-V-51 >>
<< MT28 (p,n+p)	**MT45 (p,n+p+α) or MT5 (Na22 production)**	MT102 (p,γ) >>

Al27 (p,n+p+α) or Na22 production log-log



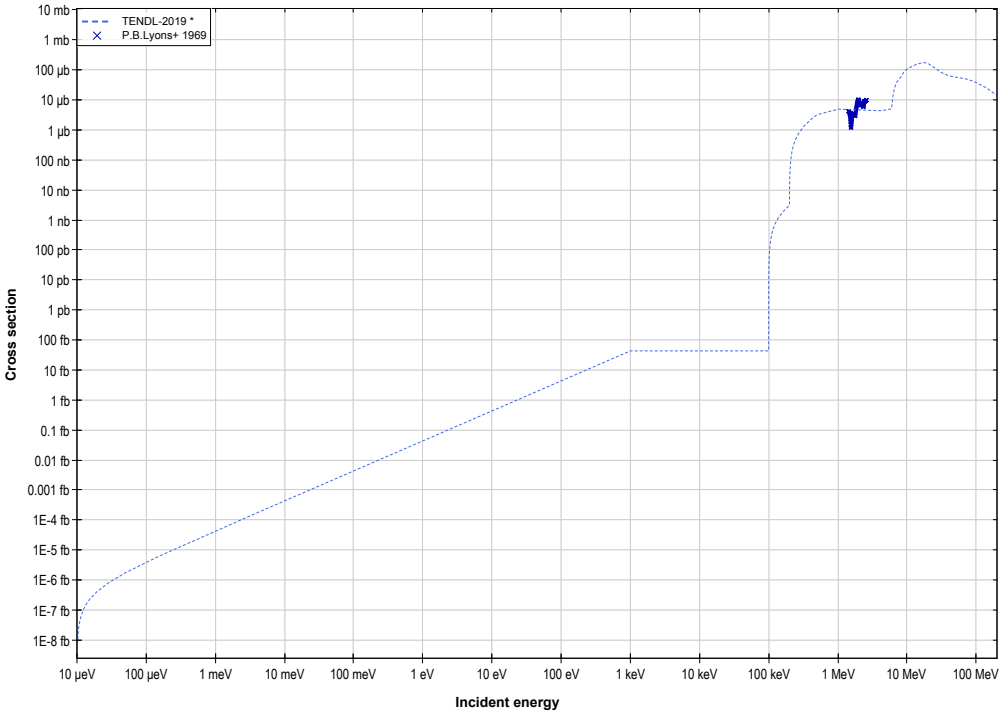
Al27 (p,n+p+α) or Na22 production lin-log



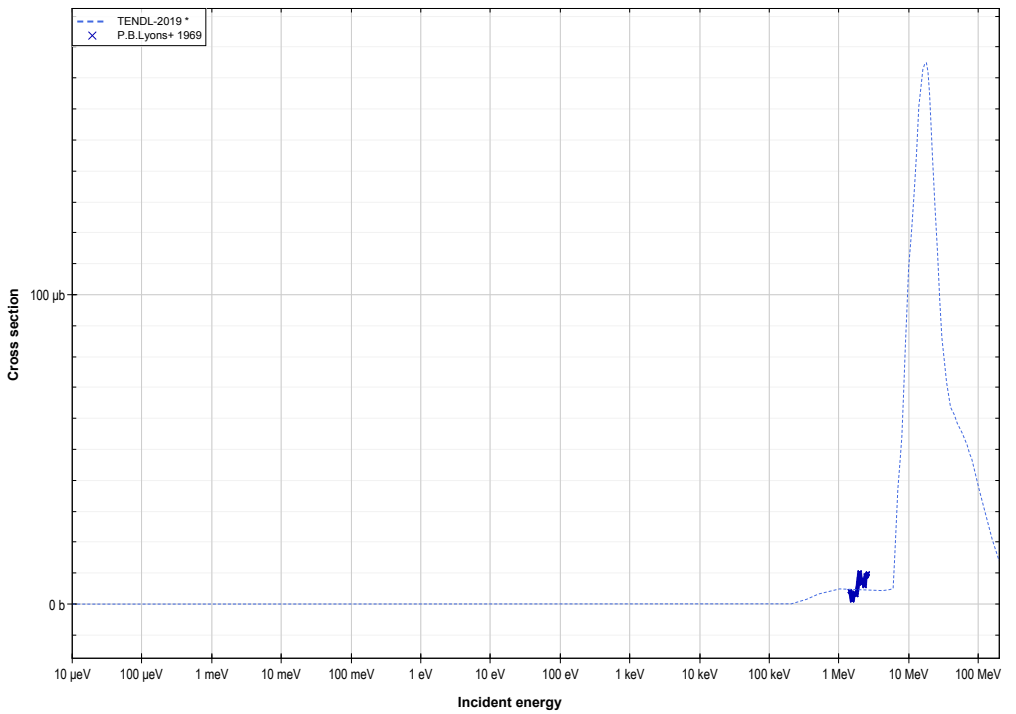
Reaction	Q-Value	Reaction	Q-Value
Al27(p,d+α)Na22	-20287.02 keV	Al27(p,n+p+2d)Na22	-46358.11 keV
Al27(p,n+p+α)Na22	-22511.58 keV	Al27(p,2n+2p+d)Na22	-48582.68 keV
Al27(p,t+He3)Na22	-34607.41 keV	Al27(p,3n+3p)Na22	-50807.24 keV
Al27(p,p+d+t)Na22	-40100.88 keV		
Al27(p,n+d+He3)Na22	-40864.64 keV		
Al27(p,n+2p+t)Na22	-42325.45 keV		
Al27(p,2n+p+He3)Na22	-43089.20 keV		
Al27(p,3d)Na22	-44133.54 keV		

<< 9-F-19	**13-Al-27**	19-K-41 >>
<< MT45 (p,n+p+α)	**MT102 (p,γ) or MT5 (Si28 production)**	MT103 (p,p) >>

Al27 (p,γ) or Si28 production log-log



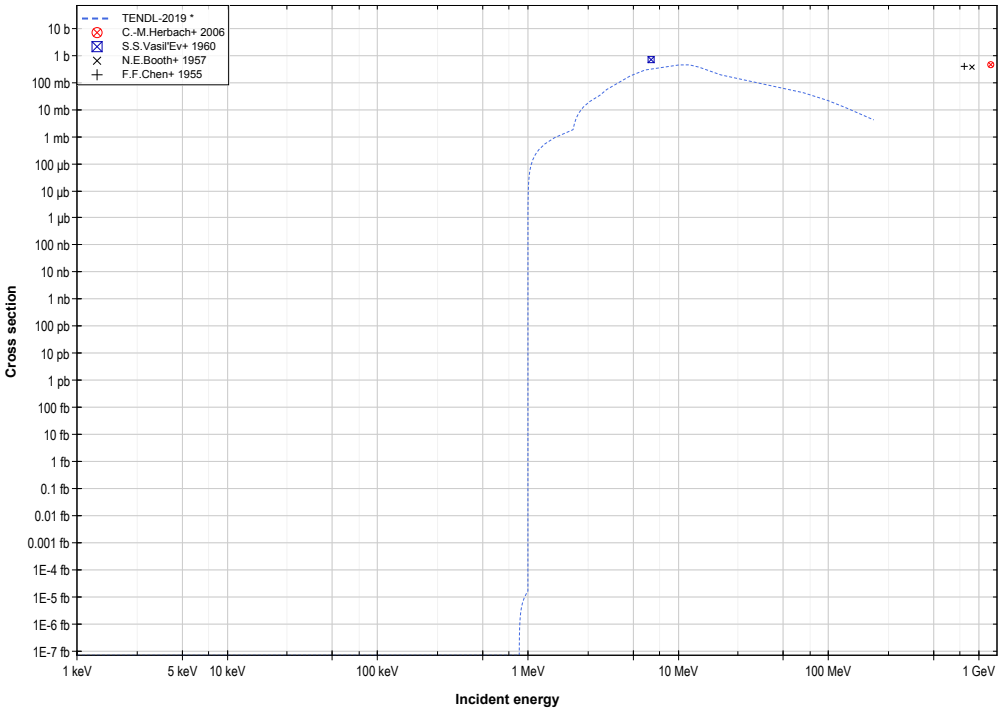
Al27 (p,γ) or Si28 production lin-log



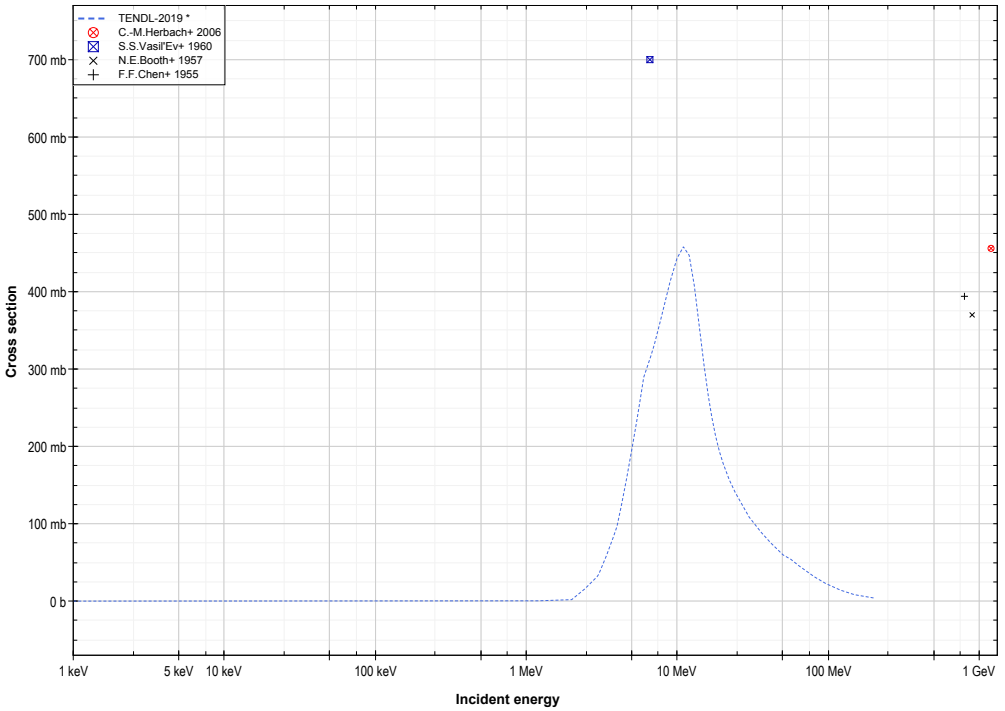
Reaction	Q-Value
Al27(p,γ)Si28	11584.90 keV

<< 12-Mg-24	**13-Al-27**	14-Si-28 >>
<< MT102 (p,γ)	**MT103 (p,p) or MT5 (Al27 production)**	MT104 (p,d) >>

Al27 (p,p) or Al27 production log-log



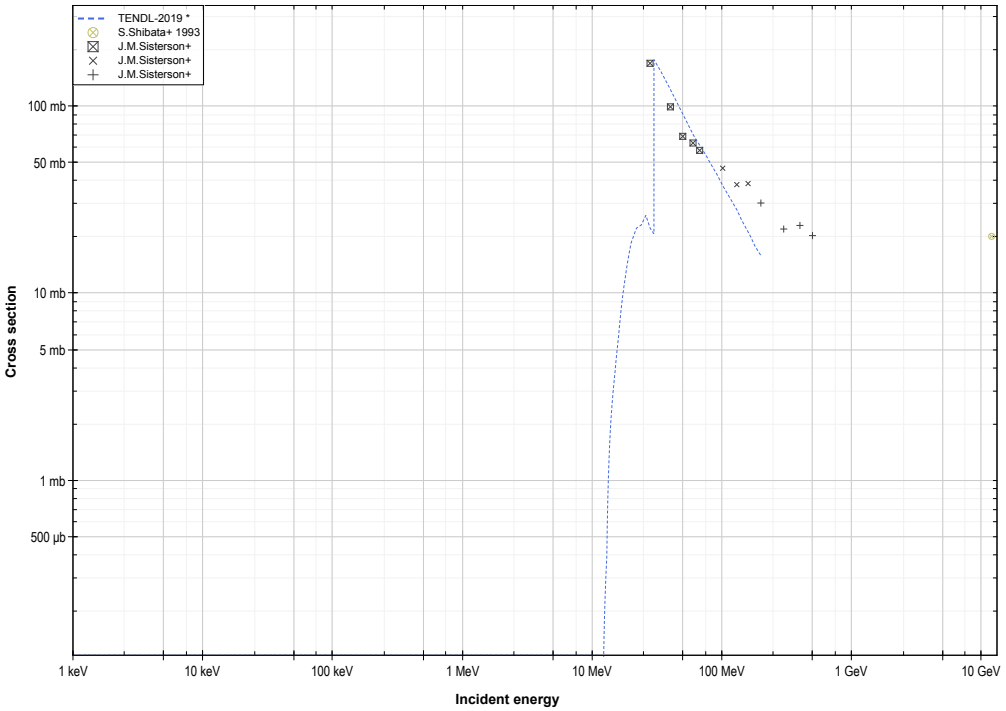
Al27 (p,p) or Al27 production lin-log



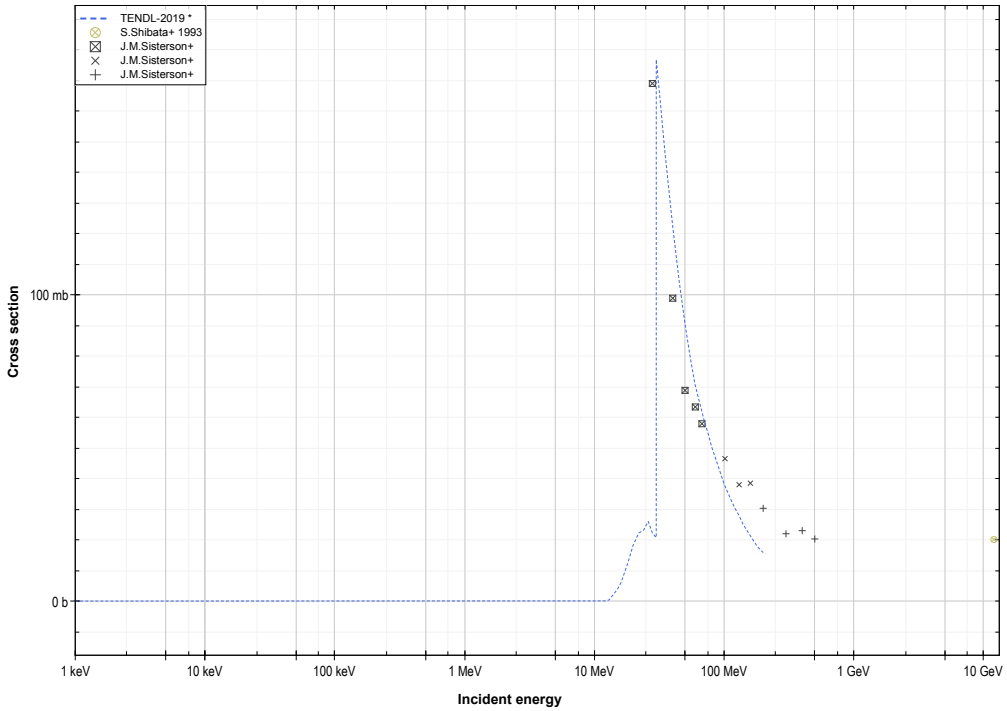
Reaction	Q-Value
Al27(p,p)Al27	0.00 keV

<< 11-Na-23	**13-Al-27**	14-Si-28 >>
<< MT103 (p,p)	**MT104 (p,d) or MT5 (Al26 production)**	MT108 (p,2α) >>

Al27 (p,d) or Al26 production log-log



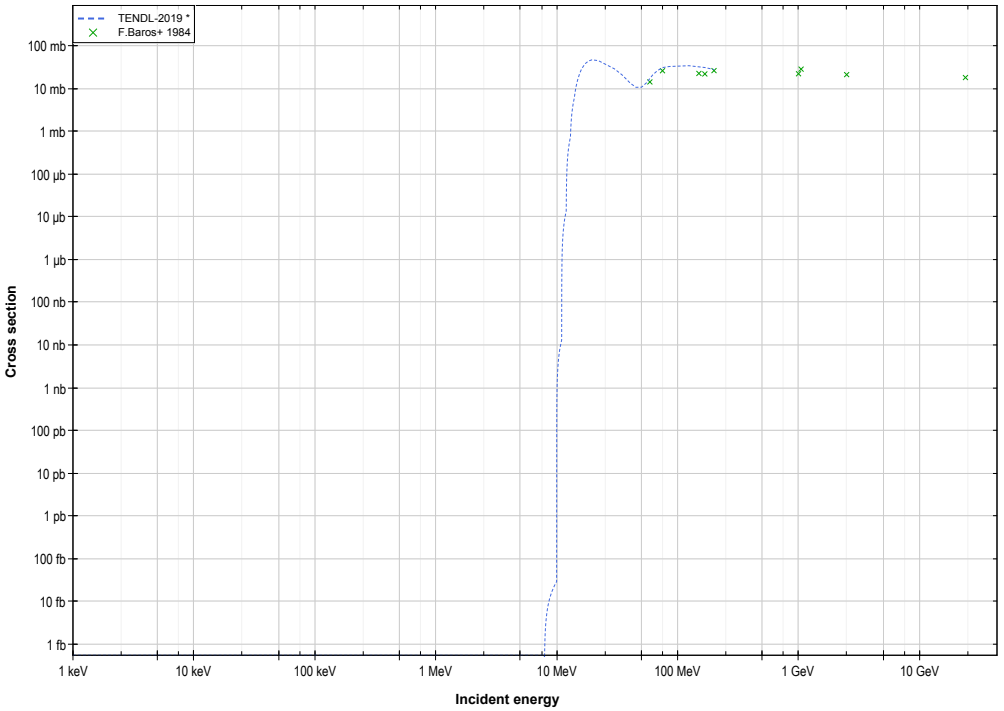
Al27 (p,d) or Al26 production lin-log



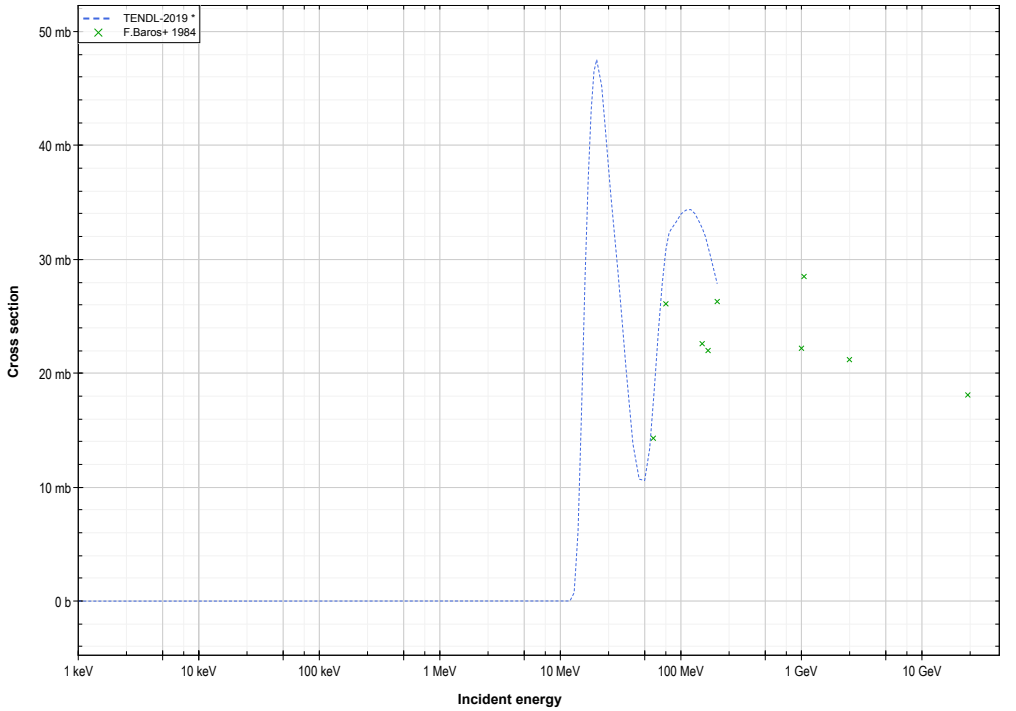
Reaction	Q-Value
Al27(p,d)Al26	-10833.46 keV
Al27(p,n+p)Al26	-13058.03 keV

<< 12-Mg-25	**13-Al-27**	14-Si-29 >>
<< MT104 (p,d)	**MT108 (p,2α) or MT5 (Ne20 production)**	MT114 (p,d+2α) >>

Al27 (p,2α) or Ne20 production log-log



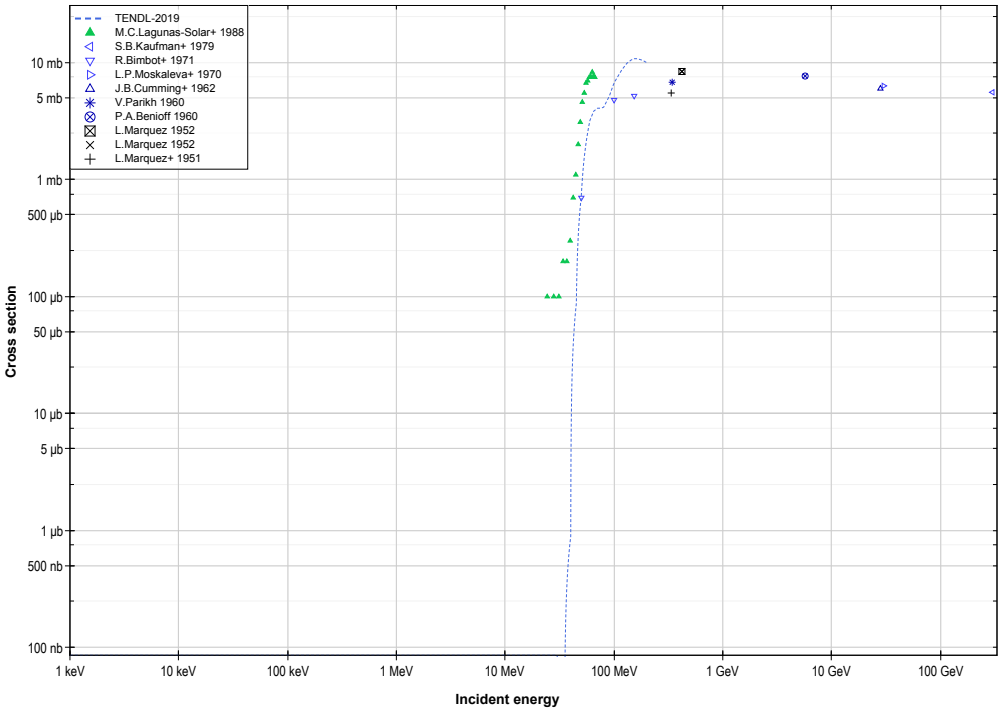
Al27 (p,2α) or Ne20 production lin-log



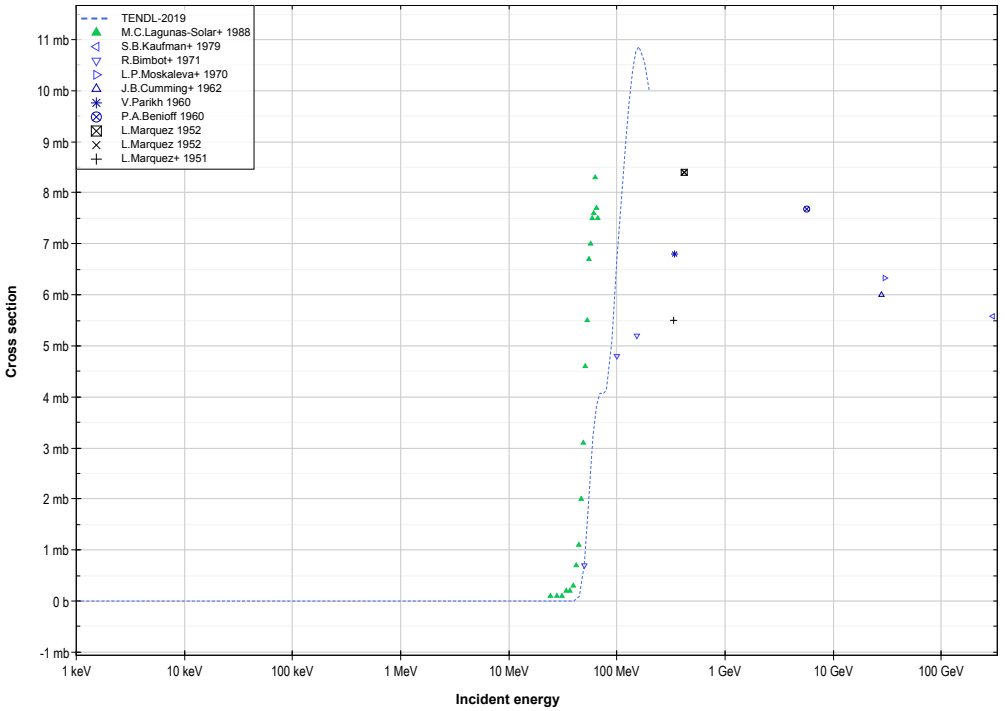
Reaction	Q-Value	Reaction	Q-Value
Al27(p,2α)Ne20	-7715.79 keV	Al27(p,n+p+t+He3)Ne20	-48107.27 keV
Al27(p,p+t+α)Ne20	-27529.66 keV	Al27(p,2n+2He3)Ne20	-48871.03 keV
Al27(p,n+He3+α)Ne20	-28293.41 keV	Al27(p,p+2d+t)Ne20	-51376.18 keV
Al27(p,2d+α)Ne20	-31562.32 keV	Al27(p,n+2d+He3)Ne20	-52139.94 keV
Al27(p,n+p+d+α)Ne20	-33786.88 keV	Al27(p,n+2p+d+t)Ne20	-53600.75 keV
Al27(p,2n+2p+α)Ne20	-36011.45 keV	Al27(p,2n+p+d+He3)Ne20	-54364.50 keV
Al27(p,d+t+He3)Ne20	-45882.71 keV	Al27(p,4d)Ne20	-55408.85 keV
Al27(p,2p+2t)Ne20	-47343.52 keV	Al27(p,2n+3p+t)Ne20	-55825.31 keV

<< 8-O-16	**13-Al-27**	15-P-31 >>
<< MT108 (p,2α)	**MT114 (p,d+2α) or MT5 (F18 production)**	MT117 (p,d+α) >>

Al27 (p,d+2α) or F18 production log-log



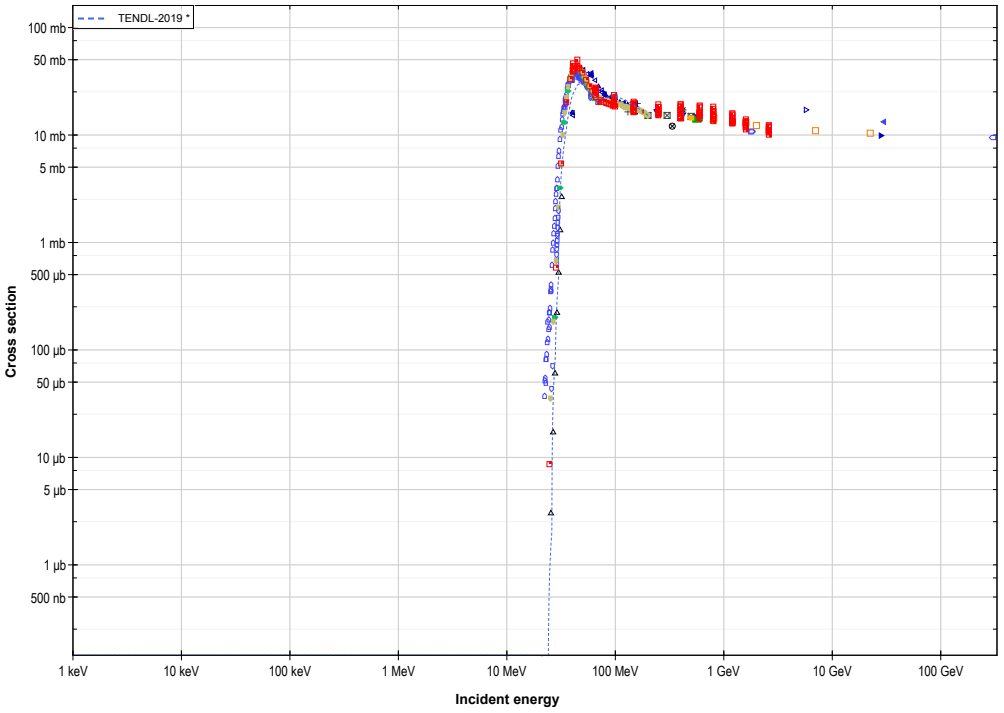
Al27 (p,d+2α) or F18 production lin-log



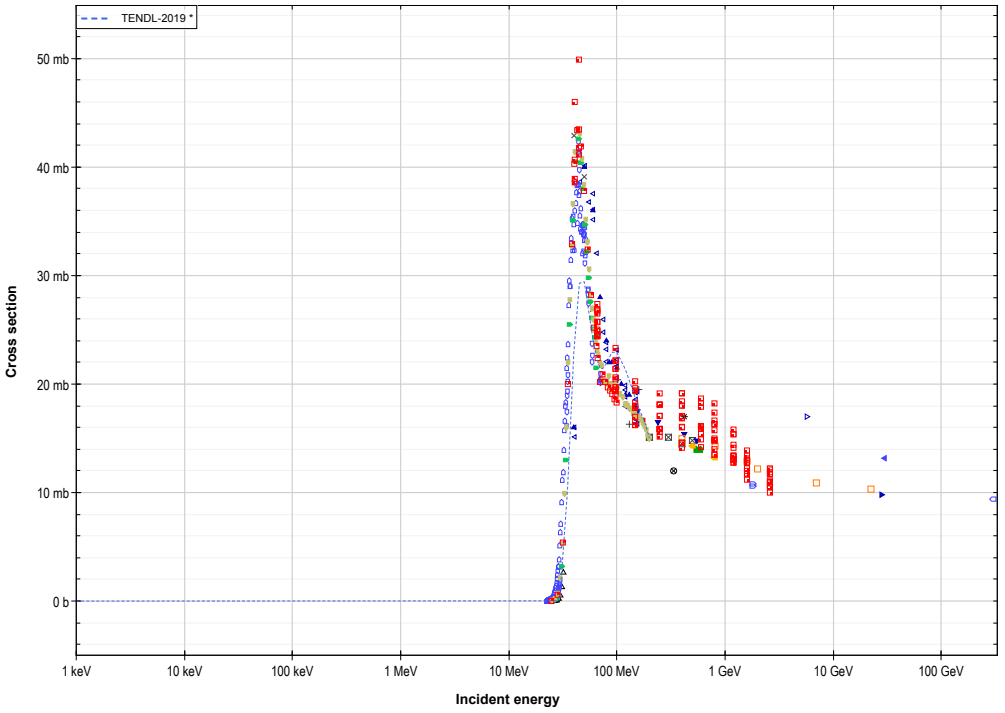
Reaction	Q-Value	Reaction	Q-Value
Al27(p,d+2α)F18	-28766.54 keV	Al27(p,n+p+2d+α)F18	-54837.64 keV
Al27(p,n+p+2α)F18	-30991.11 keV	Al27(p,2n+2p+d+α)F18	-57062.20 keV
Al27(p,t+He3+α)F18	-43086.93 keV	Al27(p,3n+3p+α)F18	-59286.77 keV
Al27(p,p+d+t+α)F18	-48580.41 keV	Al27(p,p+2t+He3)F18	-62900.80 keV
Al27(p,n+d+He3+α)F18	-49344.16 keV	Al27(p,n+t+2He3)F18	-63664.55 keV
Al27(p,n+2p+t+α)F18	-50804.97 keV	Al27(p,2d+t+He3)F18	-66933.46 keV
Al27(p,2n+p+He3+α)F18	-51568.73 keV	Al27(p,2p+d+2t)F18	-68394.27 keV
Al27(p,3d+α)F18	-52613.07 keV	Al27(p,n+p+d+t+He3)F18	-69158.03 keV

<< 11-Na-23	**13-Al-27**	23-V-51 >>
<< MT114 (p,d+2α)	**MT117 (p,d+α) or MT5 (Na22 production)**	MT176 (p,2n+³He) >>

Al27 (p,d+α) or Na22 production log-log



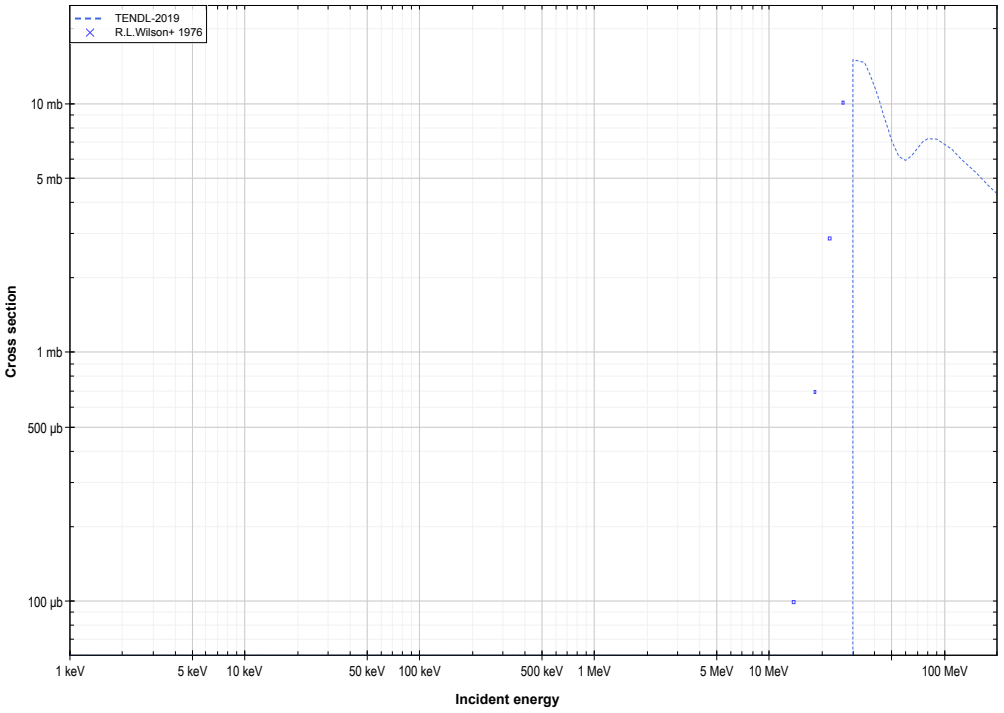
Al27 (p,d+α) or Na22 production lin-log



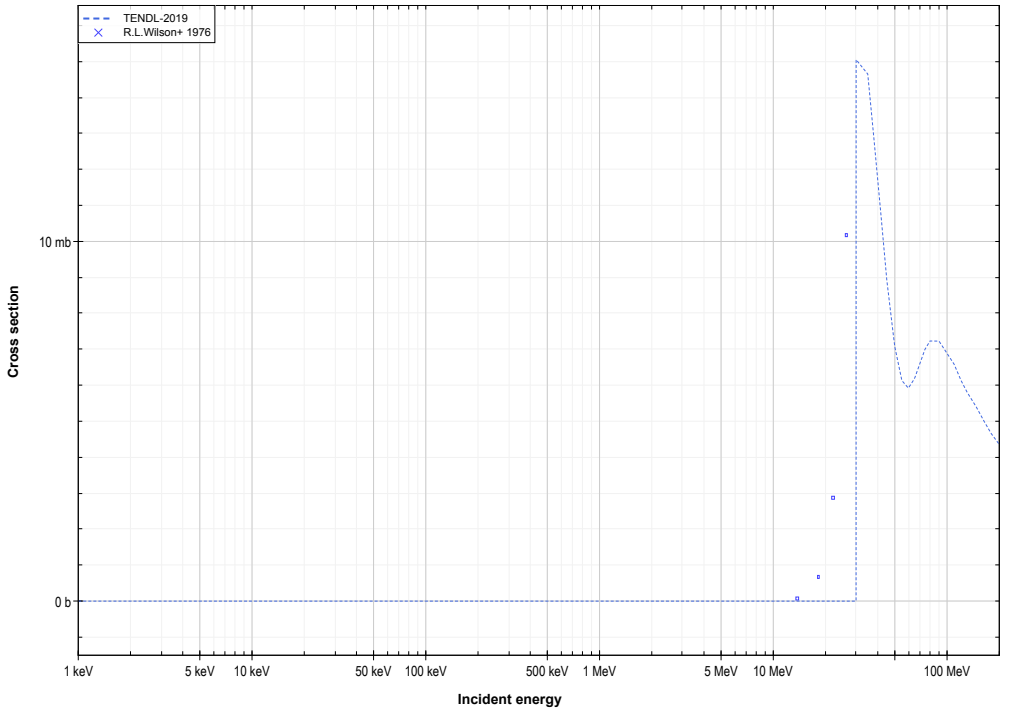
Reaction	Q-Value	Reaction	Q-Value
Al27(p,d+α)Na22	-20287.02 keV	Al27(p,n+p+2d)Na22	-46358.11 keV
Al27(p,n+p+α)Na22	-22511.58 keV	Al27(p,2n+2p+d)Na22	-48582.68 keV
Al27(p,t+He3)Na22	-34607.41 keV	Al27(p,3n+3p)Na22	-50807.24 keV
Al27(p,p+d+t)Na22	-40100.88 keV		
Al27(p,n+d+He3)Na22	-40864.64 keV		
Al27(p,n+2p+t)Na22	-42325.45 keV		
Al27(p,2n+p+He3)Na22	-43089.20 keV		
Al27(p,3d)Na22	-44133.54 keV		

<< 12-Mg-26	**13-Al-27**	18-Ar-40 >>
<< MT117 (p,d+α)	**MT176 (p,2n+³He) or MT5 (Mg23 production)**	MT179 (p,3n+2p) >>

Al27 (p,2n+³He) or Mg23 production log-log



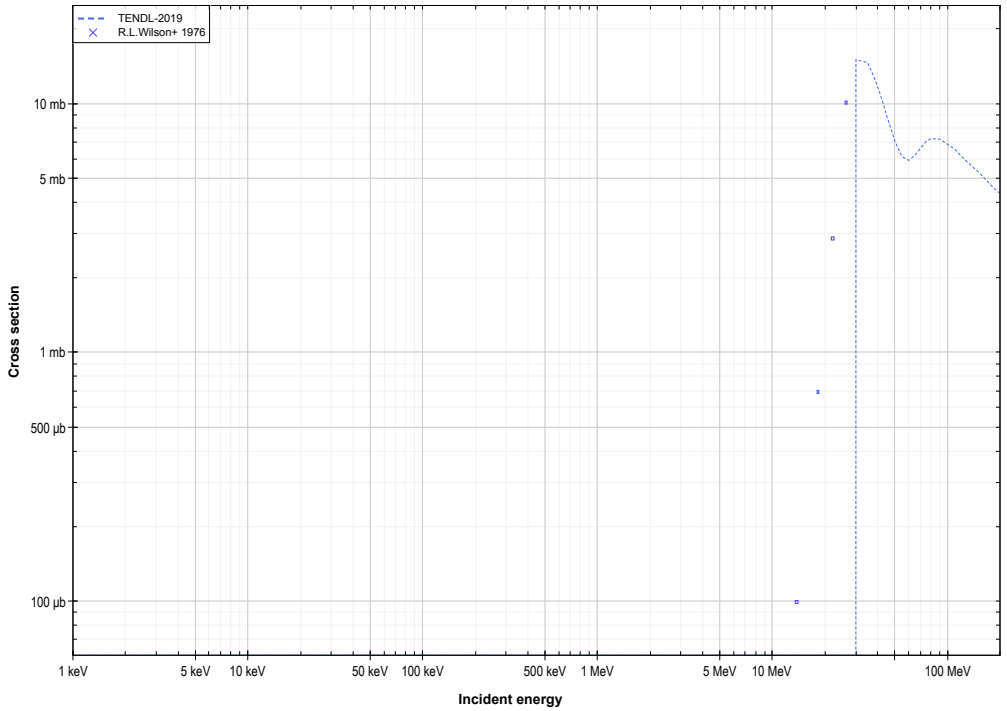
Al27 (p,2n+³He) or Mg23 production lin-log



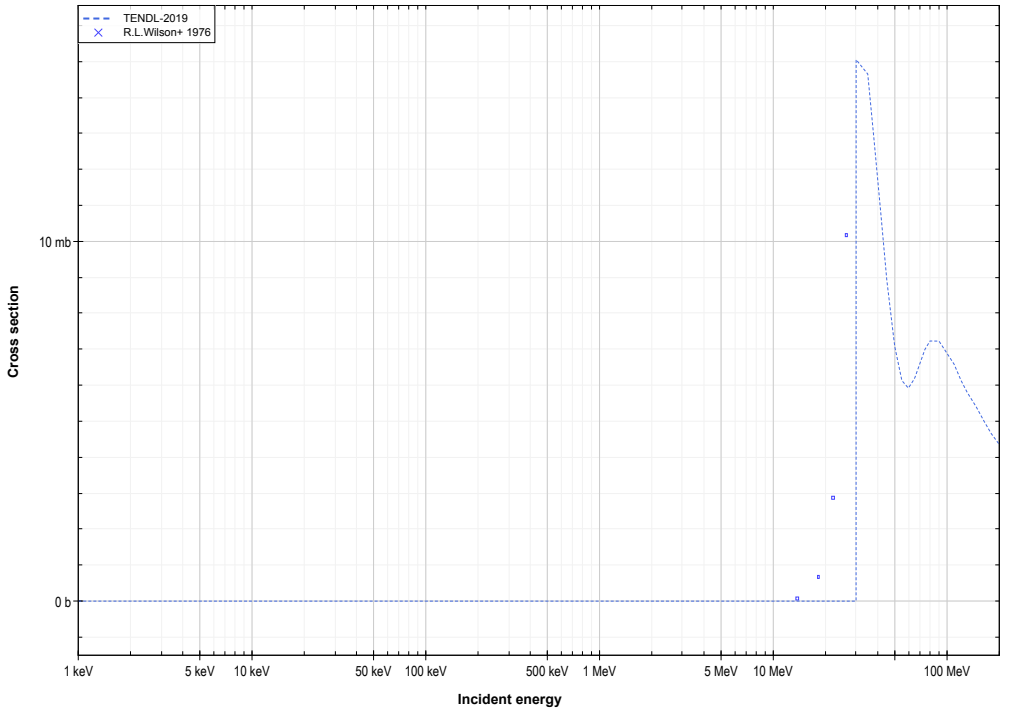
Reaction	Q-Value
Al27(p,n+α)Mg23	-14930.61 keV
Al27(p,d+t)Mg23	-32519.91 keV
Al27(p,n+p+t)Mg23	-34744.48 keV
Al27(p,2n+He3)Mg23	-35508.23 keV
Al27(p,n+2d)Mg23	-38777.14 keV
Al27(p,2n+p+d)Mg23	-41001.71 keV
Al27(p,3n+2p)Mg23	-43226.27 keV

<< 12-Mg-26	**13-Al-27**	18-Ar-40 >>
<< MT176 (p,2n+³He)	**MT179 (p,3n+2p) or MT5 (Mg23 production)**	MT182 (p,d+t) >>

Al27 (p,3n+2p) or Mg23 production log-log



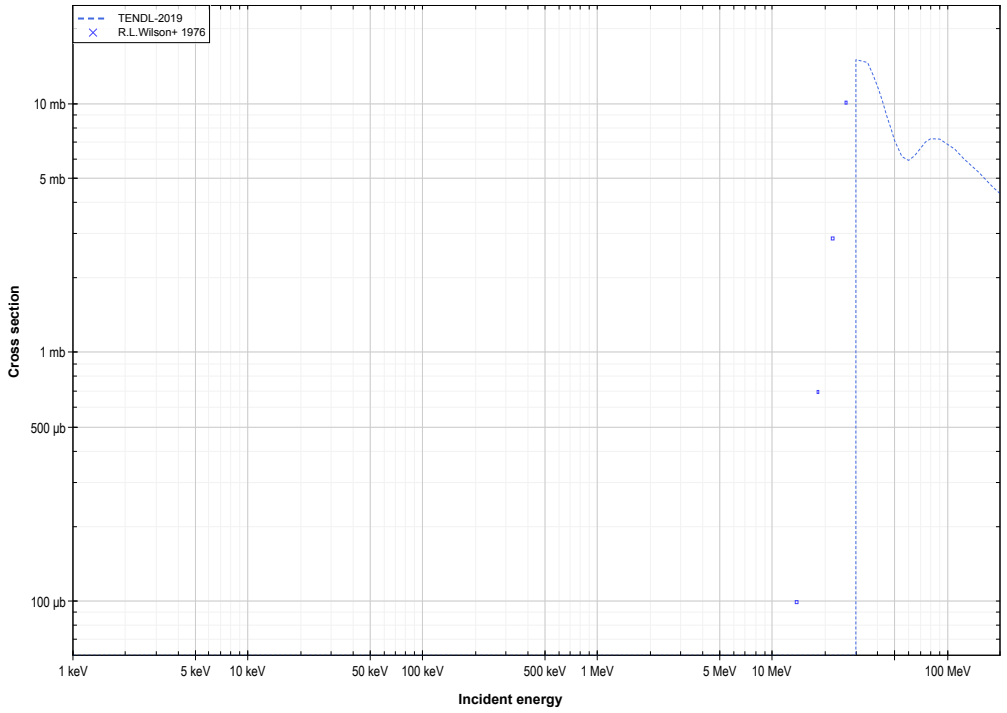
Al27 (p,3n+2p) or Mg23 production lin-log



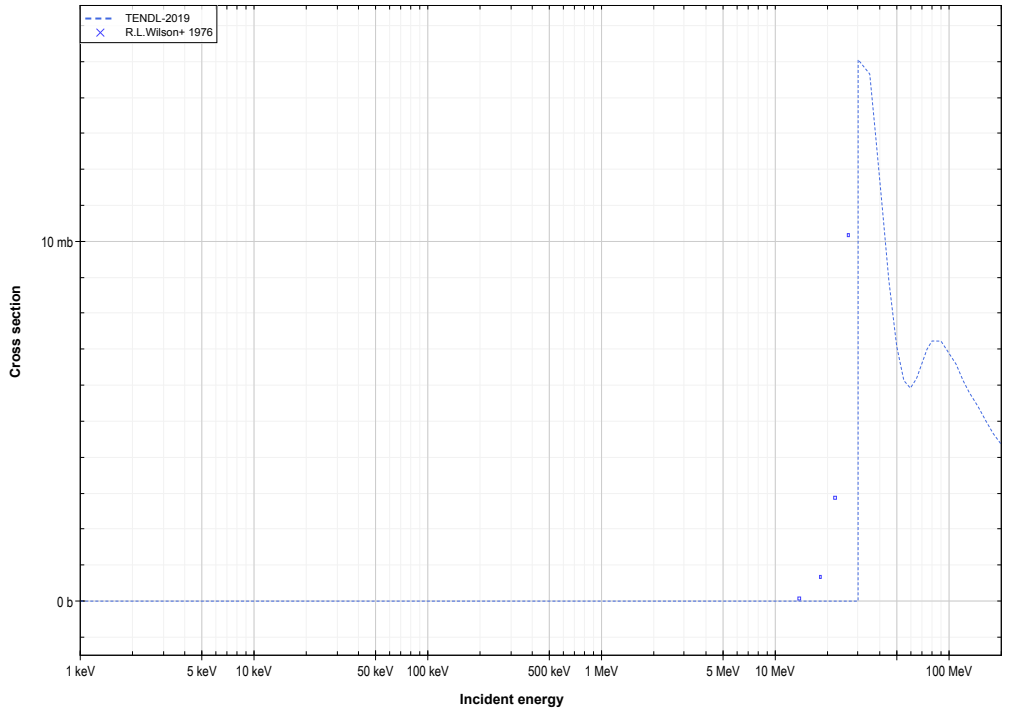
Reaction	Q-Value
Al27(p,n+α)Mg23	-14930.61 keV
Al27(p,d+t)Mg23	-32519.91 keV
Al27(p,n+p+t)Mg23	-34744.48 keV
Al27(p,2n+He3)Mg23	-35508.23 keV
Al27(p,n+2d)Mg23	-38777.14 keV
Al27(p,2n+p+d)Mg23	-41001.71 keV
Al27(p,3n+2p)Mg23	-43226.27 keV

<< 12-Mg-26	**13-Al-27**	18-Ar-40 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Mg23 production)**	MT184 (p,n+p+t) >>

Al27 (p,d+t) or Mg23 production log-log



Al27 (p,d+t) or Mg23 production lin-log



Reaction	Q-Value
Al27(p,n+α)Mg23	-14930.61 keV
Al27(p,d+t)Mg23	-32519.91 keV
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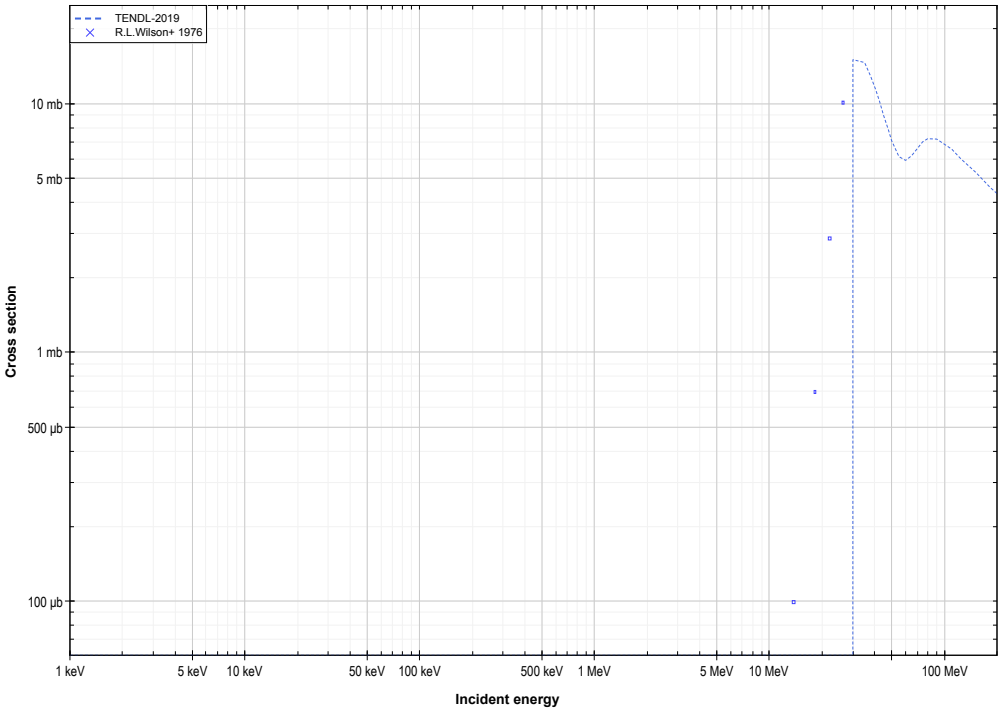
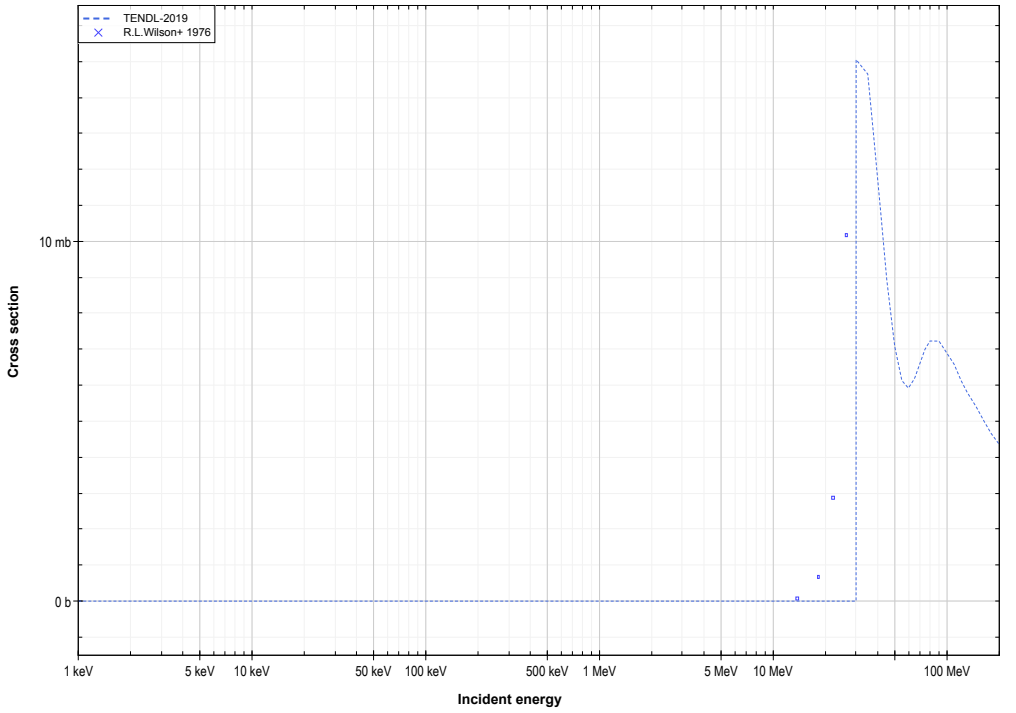
Al27(p,n+2d)Mg23	-38777.14 keV
Al27(p,2n+p+d)Mg23	-41001.71 keV
Al27(p,3n+2p)Mg23	-43226.27 keV

<< 12-Mg-26	**13-Al-27**	18-Ar-40 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Mg23 production)**	MT187 (p,n+d+^{3}He) >>

Al27 (p,n+p+t) or Mg23 production log-log



Al27 (p,n+p+t) or Mg23 production lin-log



Reaction	Q-Value
Al27(p,n+α)Mg23	-14930.61 keV
Al27(p,d+t)Mg23	-32519.91 keV
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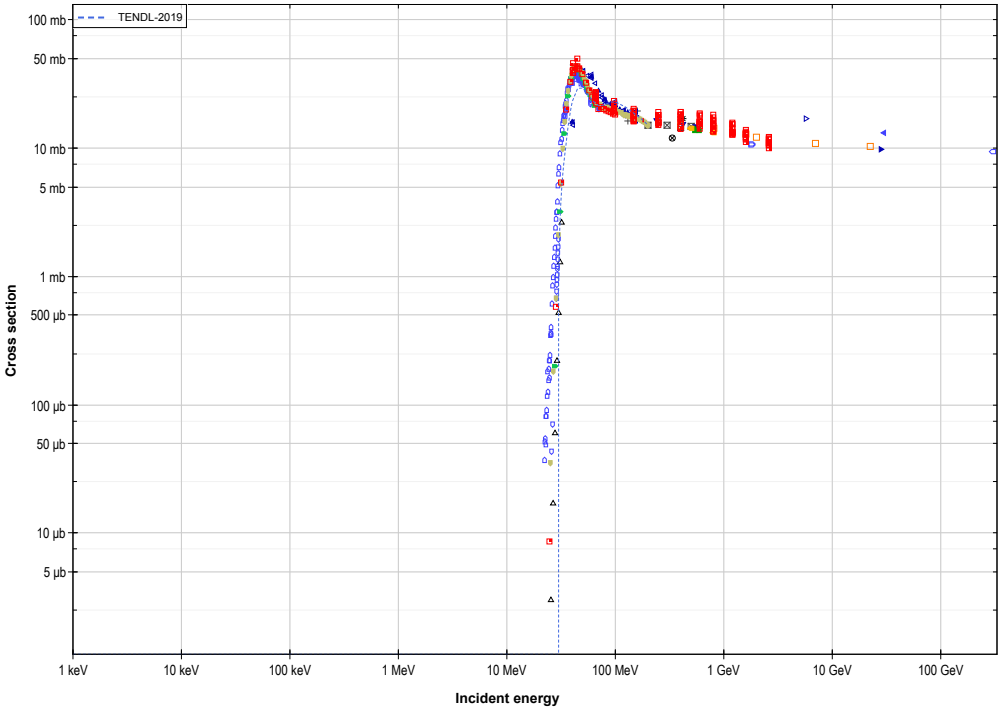
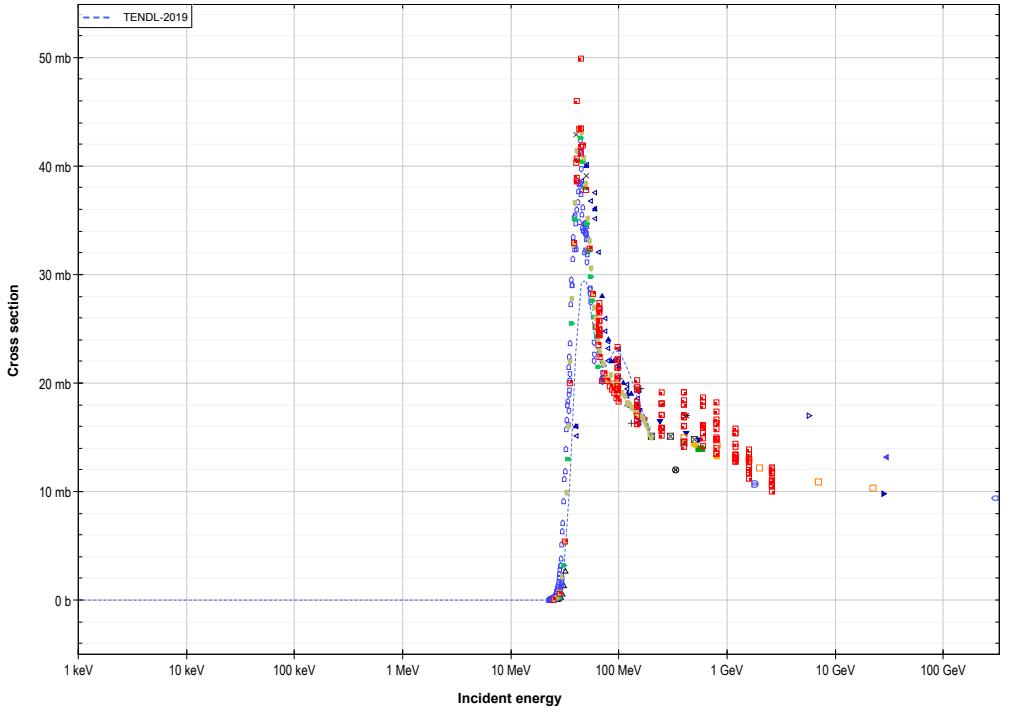
Al27(p,n+2d)Mg23	-38777.14 keV
Al27(p,2n+p+d)Mg23	-41001.71 keV
Al27(p,3n+2p)Mg23	-43226.27 keV

<< 11-Na-23	**13-Al-27**	23-V-51 >>
<< MT184 (p,n+p+t)	**MT187 (p,n+d+³He) or MT5 (Na22 production)**	MT191 (p,p+³He) >>

Al27 (p,n+d+³He) or Na22 production log-log



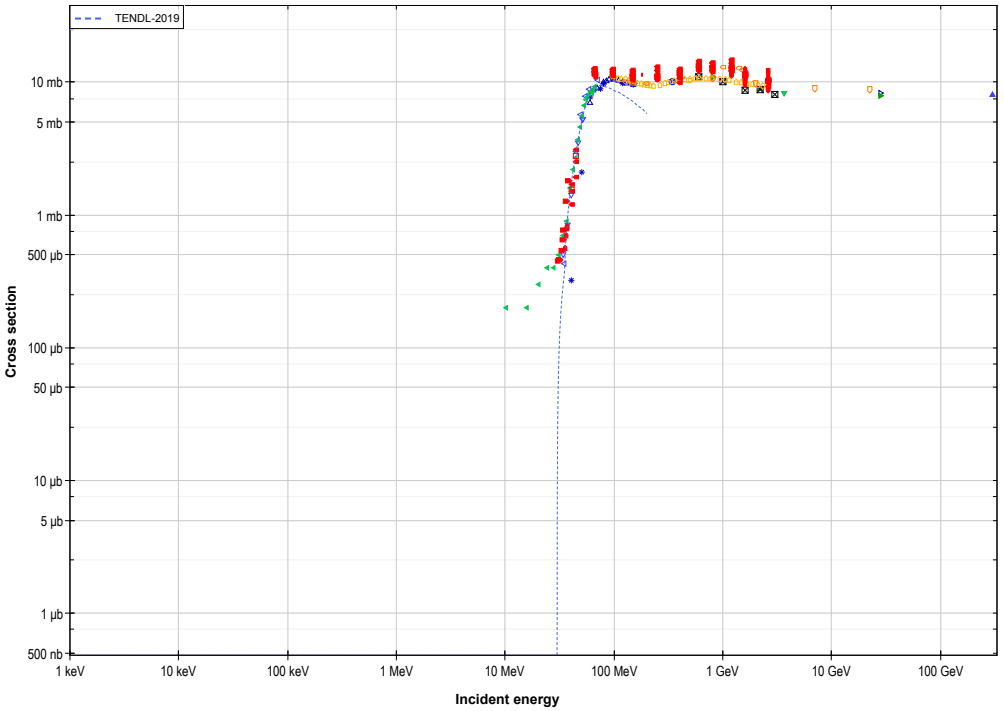
Al27 (p,n+d+³He) or Na22 production lin-log



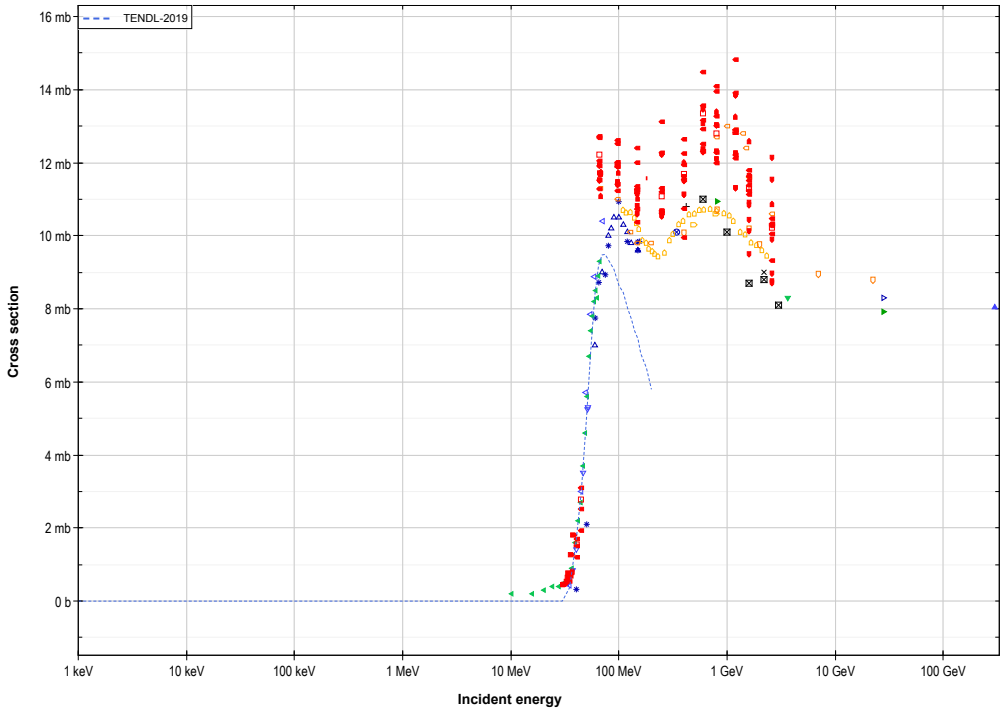
Reaction	Q-Value	Reaction	Q-Value
Al27(p,d+α)Na22	-20287.02 keV	Al27(p,n+p+2d)Na22	-46358.11 keV
Al27(p,n+p+α)Na22	-22511.58 keV	Al27(p,2n+2p+d)Na22	-48582.68 keV
Al27(p,t+He3)Na22	-34607.41 keV	Al27(p,3n+3p)Na22	-50807.24 keV
Al27(p,p+d+t)Na22	-40100.88 keV		
Al27(p,n+d+He3)Na22	-40864.64 keV		
Al27(p,n+2p+t)Na22	-42325.45 keV		
Al27(p,2n+p+He3)Na22	-43089.20 keV		
Al27(p,3d)Na22	-44133.54 keV		

<< 8-O-16	**13-Al-27**	14-Si-28 >>
<< MT187 (p,n+d+^{3}He)	**MT191 (p,p+^{3}He) or MT5 (Na24 production)**	MT193 (p,^{3}He+α) >>

Al27 (p,p+^{3}He) or Na24 production log-log



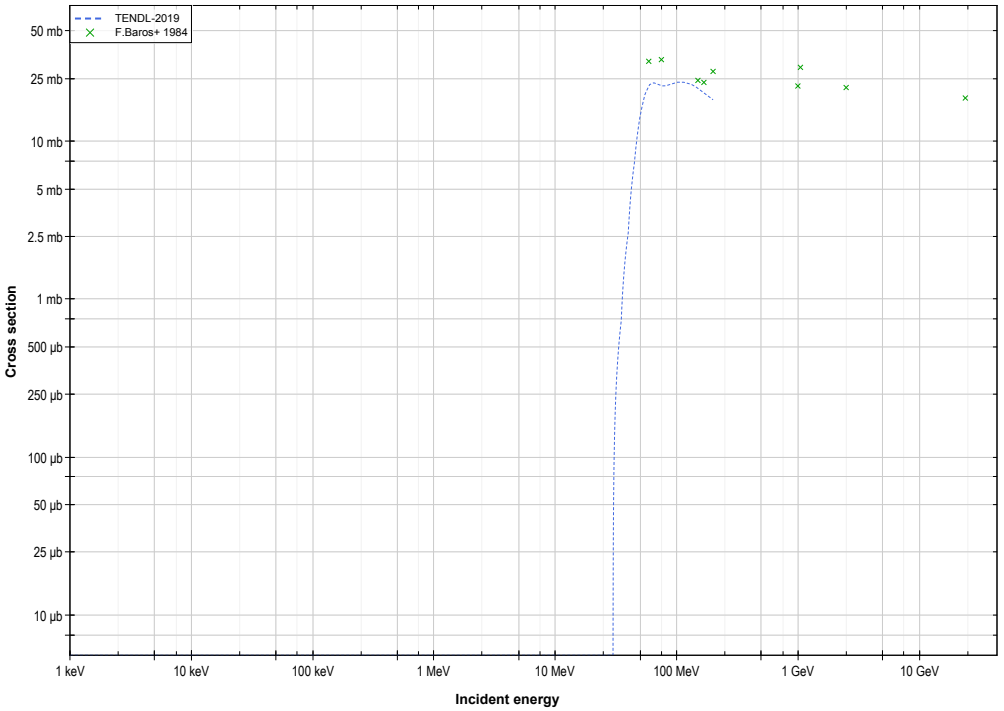
Al27 (p,p+^{3}He) or Na24 production lin-log



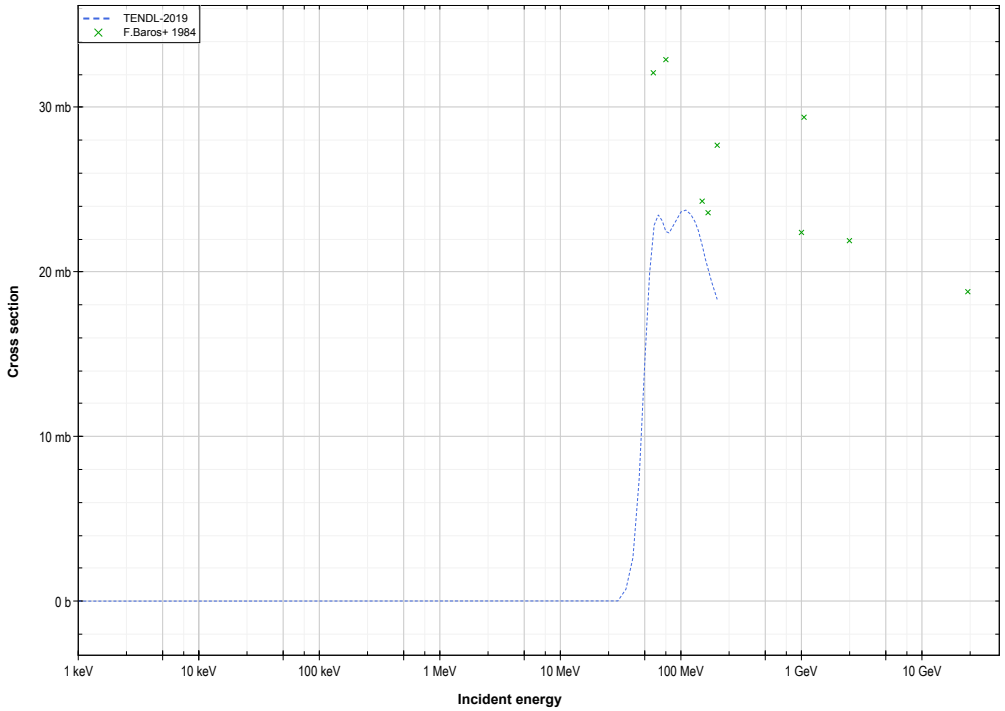
Reaction	Q-Value
Al27(p,p+He3)Na24	-23710.18 keV
Al27(p,2p+d)Na24	-29203.65 keV
Al27(p,n+3p)Na24	-31428.22 keV

<< 12-Mg-24	**13-Al-27**	14-Si-28 >>
<< MT191 (p,p+³He)	**MT193 (p,³He+α) or MT5 (Ne21 production)**	MT198 (p,n+3p) >>

Al27 (p,³He+α) or Ne21 production log-log



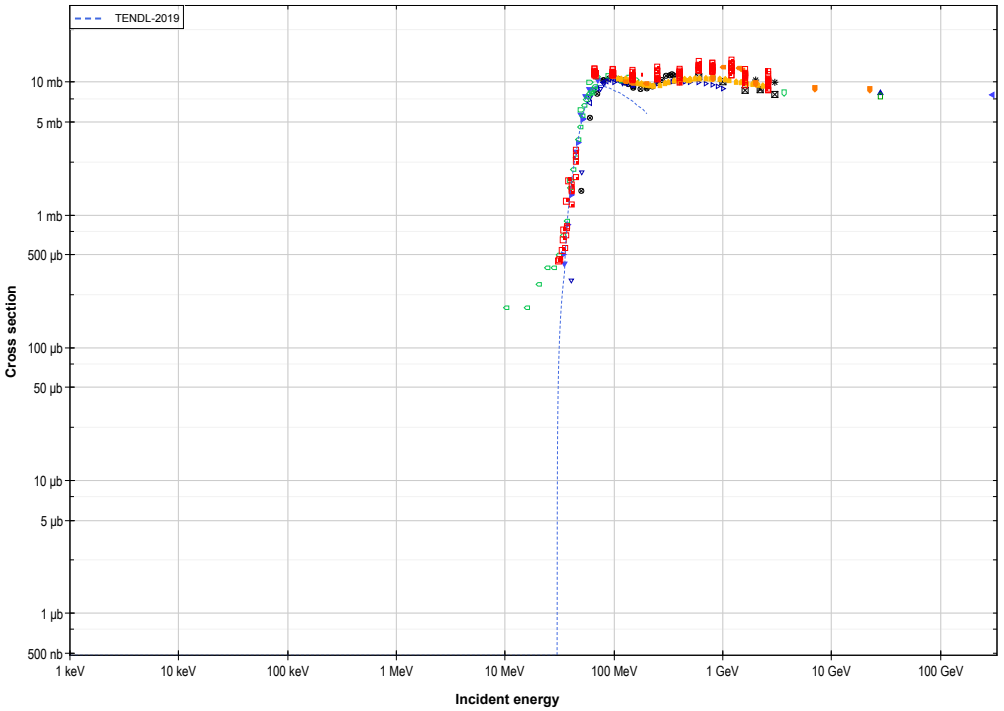
Al27 (p,³He+α) or Ne21 production lin-log



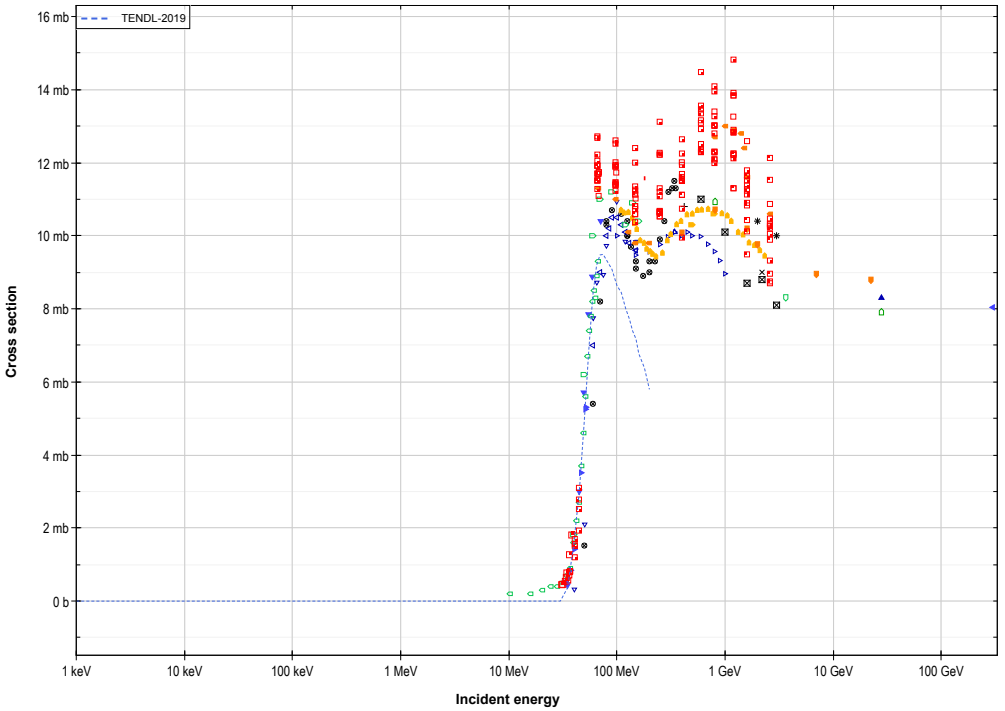
Reaction	Q-Value	Reaction	Q-Value
Al27(p,He3+α)Ne21	-21532.24 keV	Al27(p,n+3p+t)Ne21	-49064.15 keV
Al27(p,p+d+α)Ne21	-27025.72 keV	Al27(p,2n+2p+He3)Ne21	-49827.90 keV
Al27(p,n+2p+α)Ne21	-29250.28 keV	Al27(p,p+3d)Ne21	-50872.25 keV
Al27(p,p+t+He3)Ne21	-41346.11 keV	Al27(p,n+2p+2d)Ne21	-53096.81 keV
Al27(p,n+2He3)Ne21	-42109.86 keV	Al27(p,2n+3p+d)Ne21	-55321.38 keV
Al27(p,2d+He3)Ne21	-45378.77 keV	Al27(p,3n+4p)Ne21	-57545.94 keV
Al27(p,2p+d+t)Ne21	-46839.58 keV		
Al27(p,n+p+d+He3)Ne21	-47603.34 keV		

<< 6-C-12	**13-Al-27**	14-Si-28 >>
<< MT193 (p,³He+α)	**MT198 (p,n+3p) or MT5 (Na24 production)**	14-Si-28 MT28 (p,n+p) >>

Al27 (p,n+3p) or Na24 production log-log



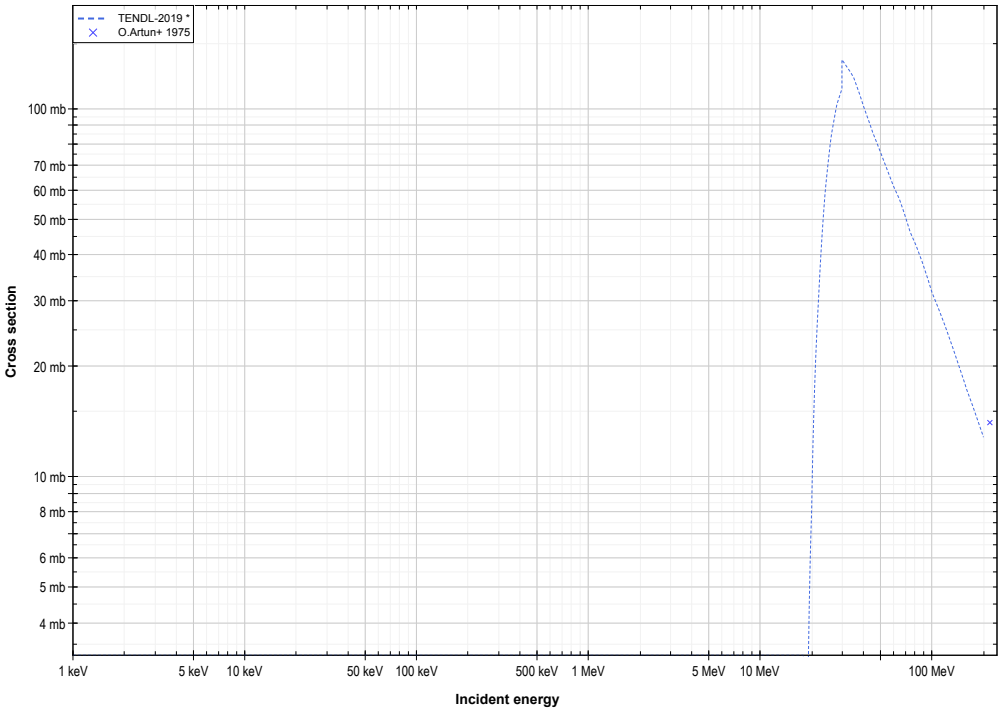
Al27 (p,n+3p) or Na24 production lin-log



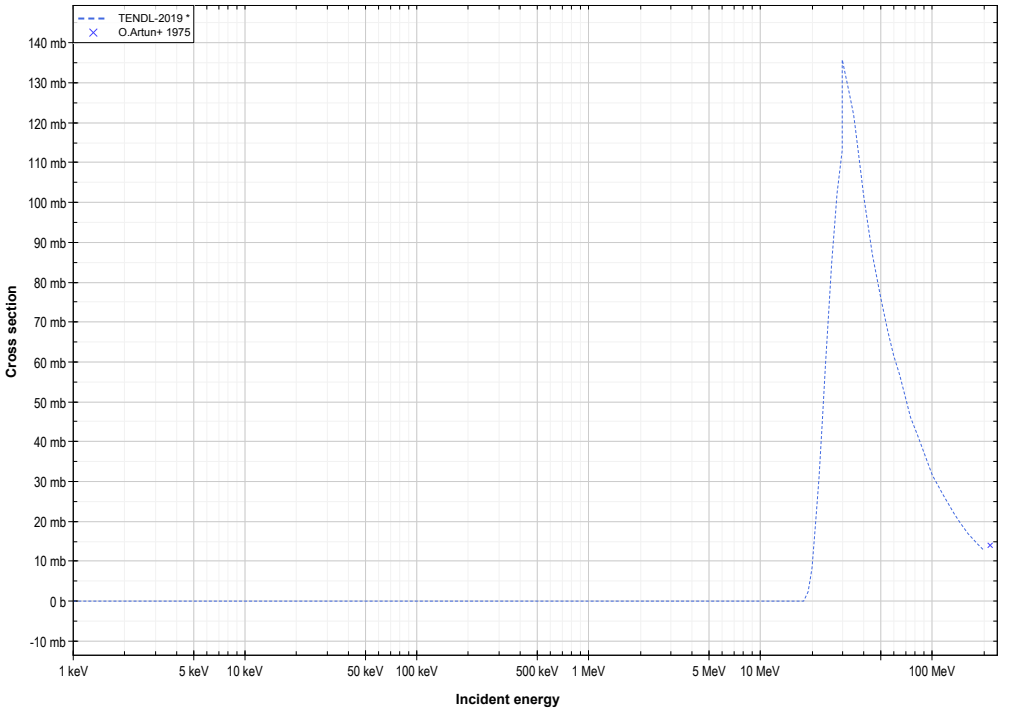
Reaction	Q-Value
Al27(p,p+He3)Na24	-23710.18 keV
Al27(p,2p+d)Na24	-29203.65 keV
Al27(p,n+3p)Na24	-31428.22 keV

<< 13-Al-27	**14-Si-28**	20-Ca-40 >>
<< 13-Al-27 MT198 (p,n+3p)	**MT28 (p,n+p) or MT5 (Si27 production)**	MT29 (p,n+2α) >>

Si28 (p,n+p) or Si27 production log-log



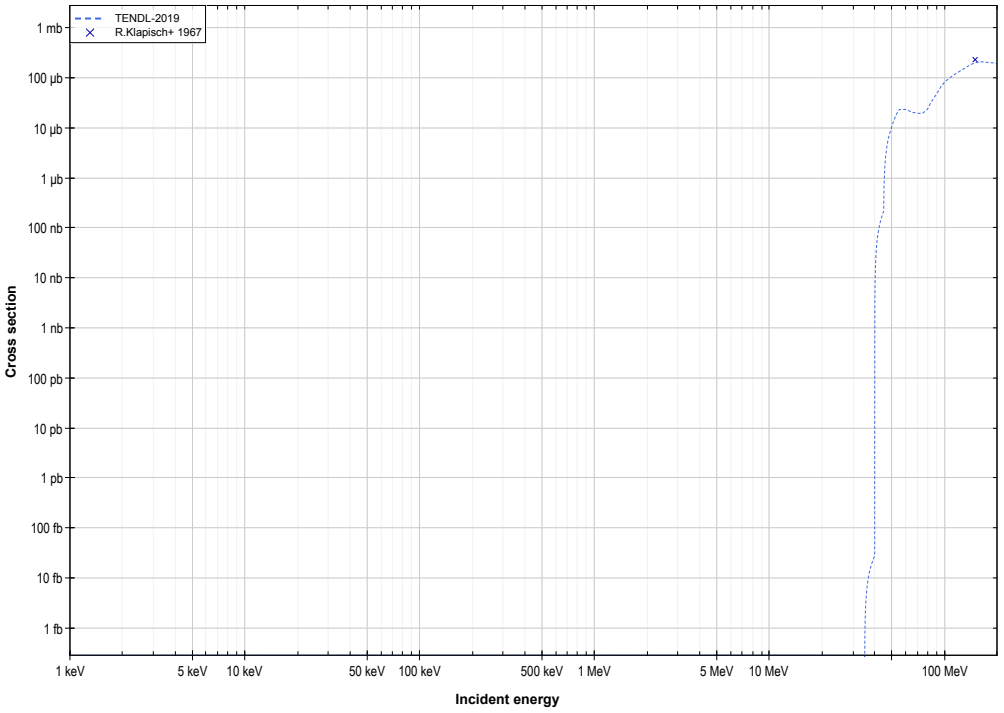
Si28 (p,n+p) or Si27 production lin-log



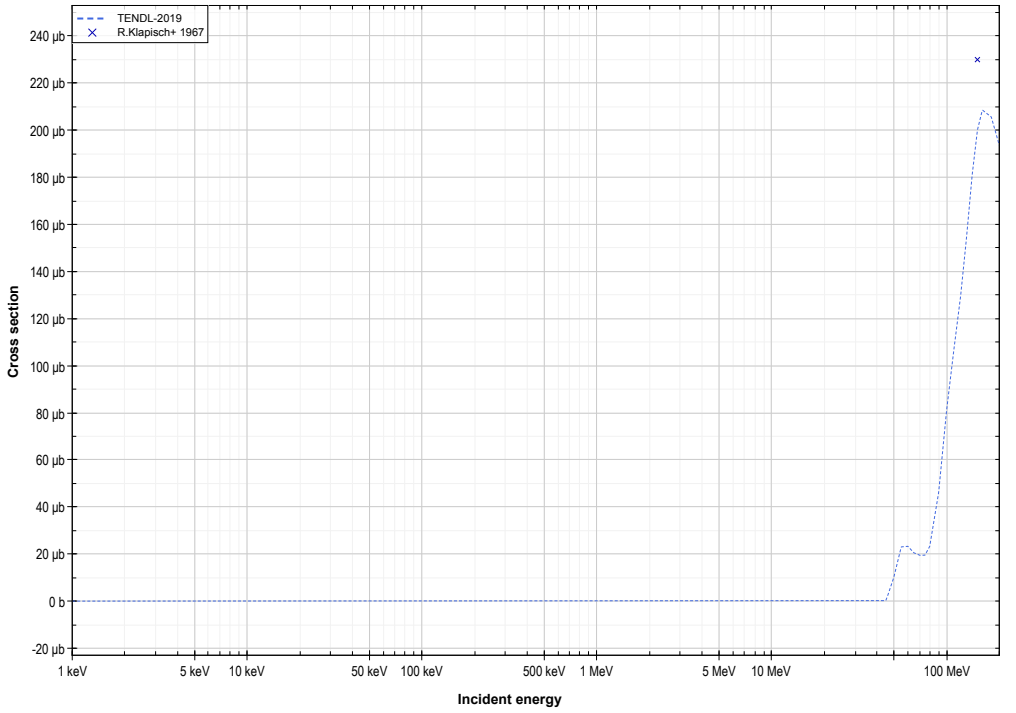
Reaction	Q-Value
Si28(p,d)Si27	-14955.05 keV
Si28(p,n+p)Si27	-17179.61 keV

<< 12-Mg-26	**14-Si-28**	14-Si-30 >>
<< MT28 (p,n+p)	**MT29 (p,n+2α) or MT5 (Na20 production)**	MT34 (p,n+³He) >>

Si28 (p,n+2α) or Na20 production log-log



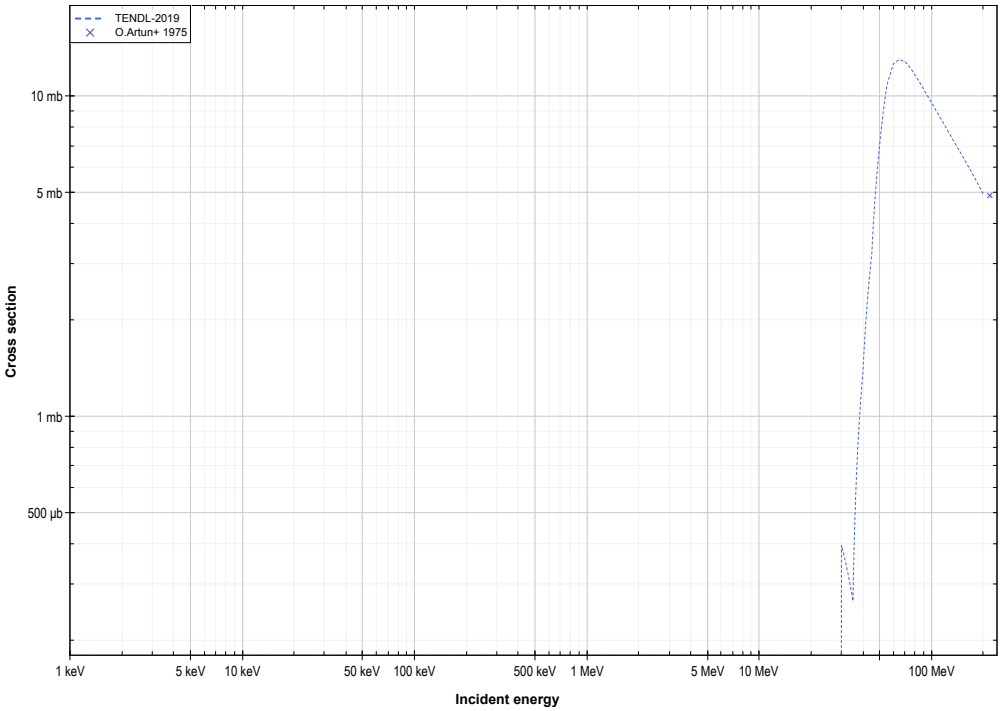
Si28 (p,n+2α) or Na20 production lin-log



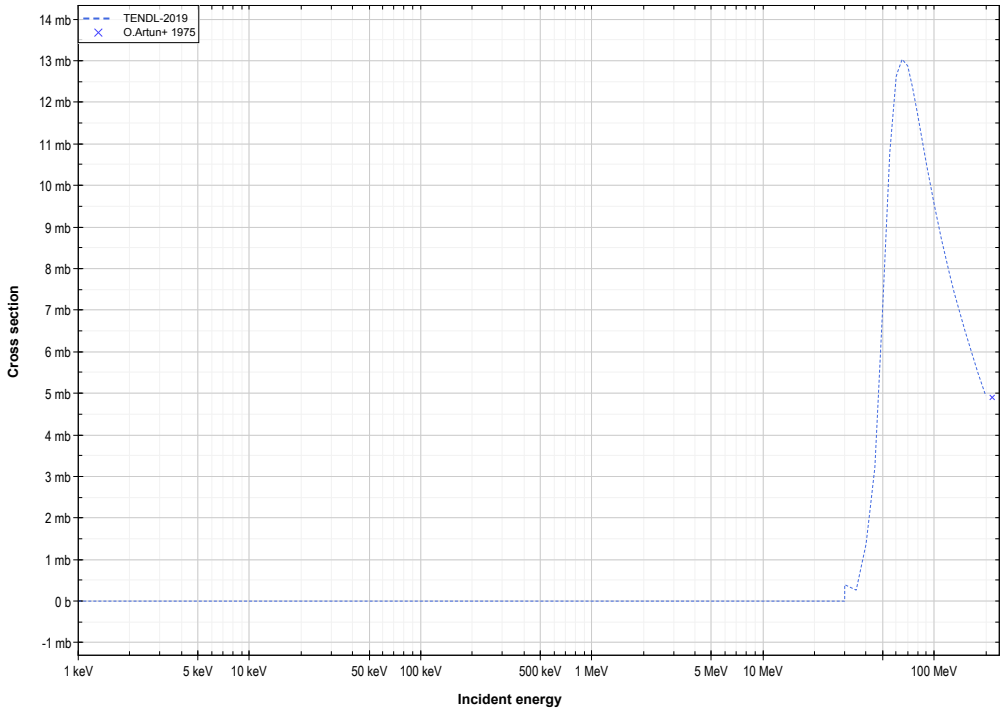
Reaction	Q-Value	Reaction	Q-Value
Si28(p,n+2α)Na20	-33975.57 keV	Si28(p,p+d+2t)Na20	-71378.74 keV
Si28(p,d+t+α)Na20	-51564.87 keV	Si28(p,n+d+t+He3)Na20	-72142.49 keV
Si28(p,n+p+t+α)Na20	-53789.44 keV	Si28(p,n+2p+2t)Na20	-73603.30 keV
Si28(p,2n+He3+α)Na20	-54553.19 keV	Si28(p,2n+p+t+He3)Na20	-74367.06 keV
Si28(p,n+2d+α)Na20	-57822.10 keV	Si28(p,3n+2He3)Na20	-75130.81 keV
Si28(p,2n+p+d+α)Na20	-60046.67 keV	Si28(p,3d+t)Na20	-75411.40 keV
Si28(p,3n+2p+α)Na20	-62271.23 keV	Si28(p,n+p+2d+t)Na20	-77635.96 keV
Si28(p,2t+He3)Na20	-65885.26 keV	Si28(p,2n+2d+He3)Na20	-78399.72 keV

<< 12-Mg-25	**14-Si-28**	28-Ni-58 >>
<< MT29 (p,n+2α)	**MT34 (p,n+³He) or MT5 (Al25 production)**	MT44 (p,n+2p) >>

Si28 (p,n+³He) or Al25 production log-log



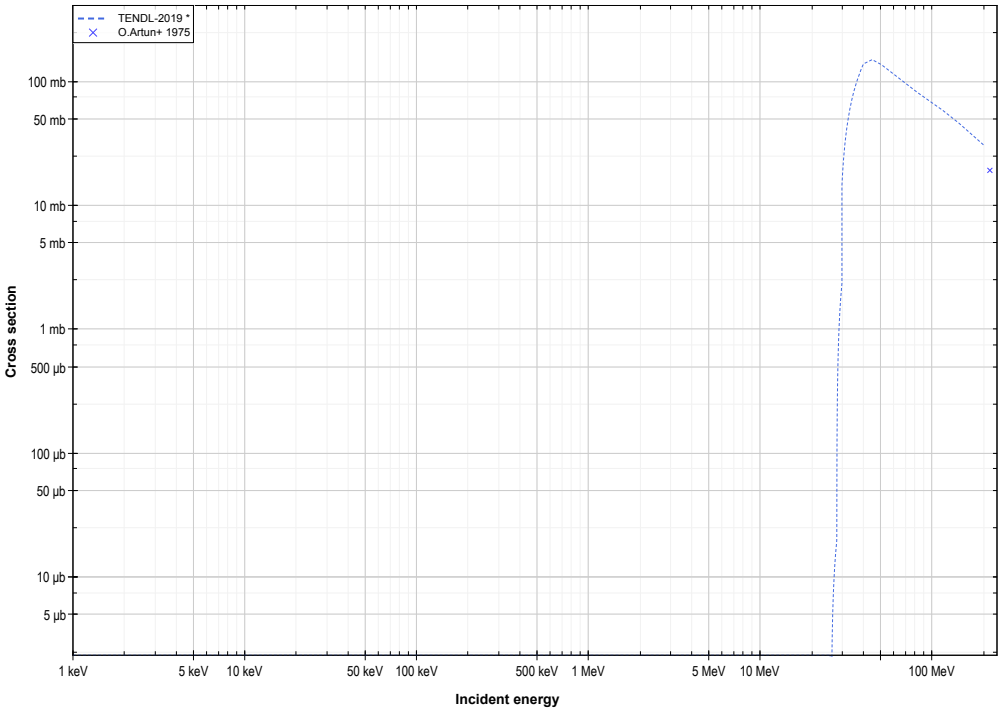
Si28 (p,n+³He) or Al25 production lin-log



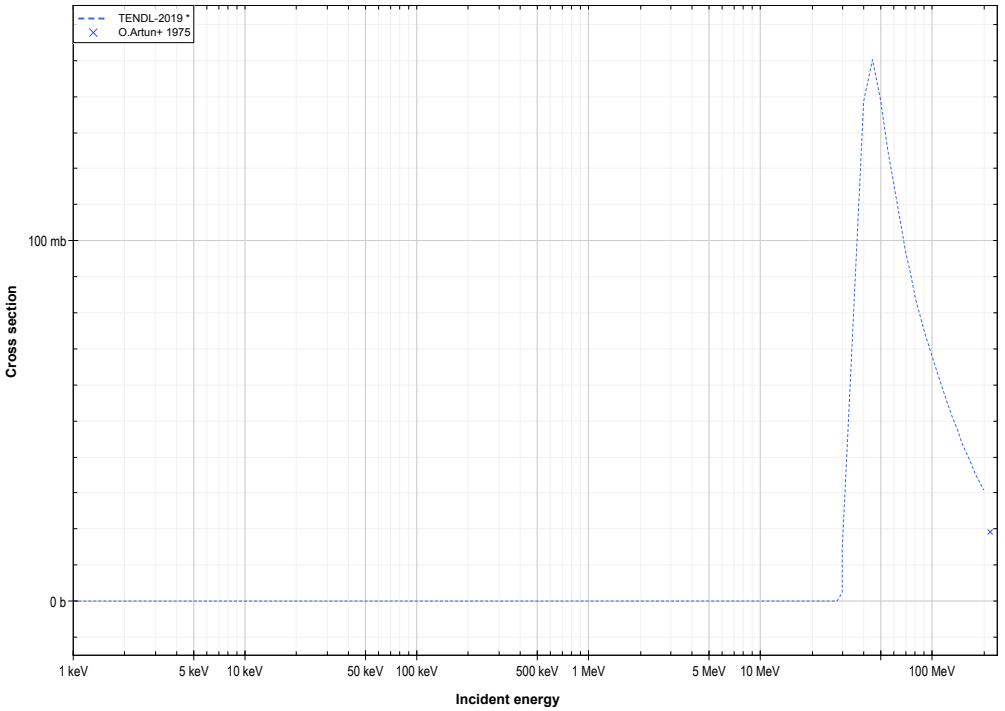
Reaction	Q-Value
Si28(p,α)Al25	-7712.77 keV
Si28(p,p+t)Al25	-27526.63 keV
Si28(p,n+He3)Al25	-28290.39 keV
Si28(p,2d)Al25	-31559.30 keV
Si28(p,n+p+d)Al25	-33783.86 keV
Si28(p,2n+2p)Al25	-36008.43 keV

<< 12-Mg-26	**14-Si-28**	18-Ar-40 >>
<< MT34 (p,n+^{3}He)	**MT44 (p,n+2p) or MT5 (Al26 production)**	MT103 (p,p) >>

Si28 (p,n+2p) or Al26 production log-log



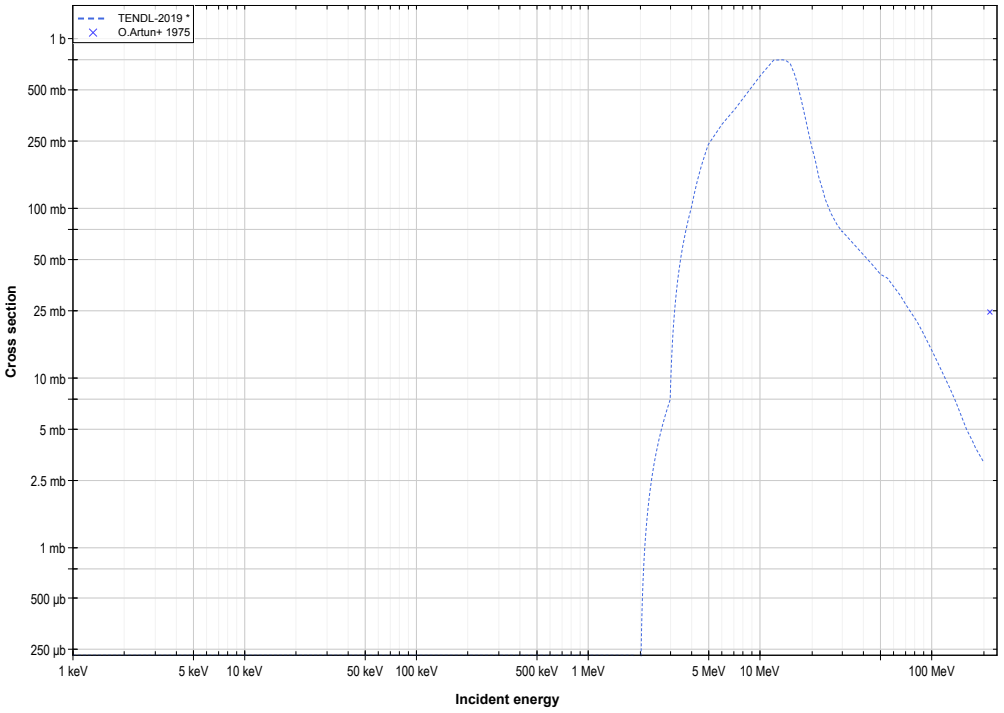
Si28 (p,n+2p) or Al26 production lin-log



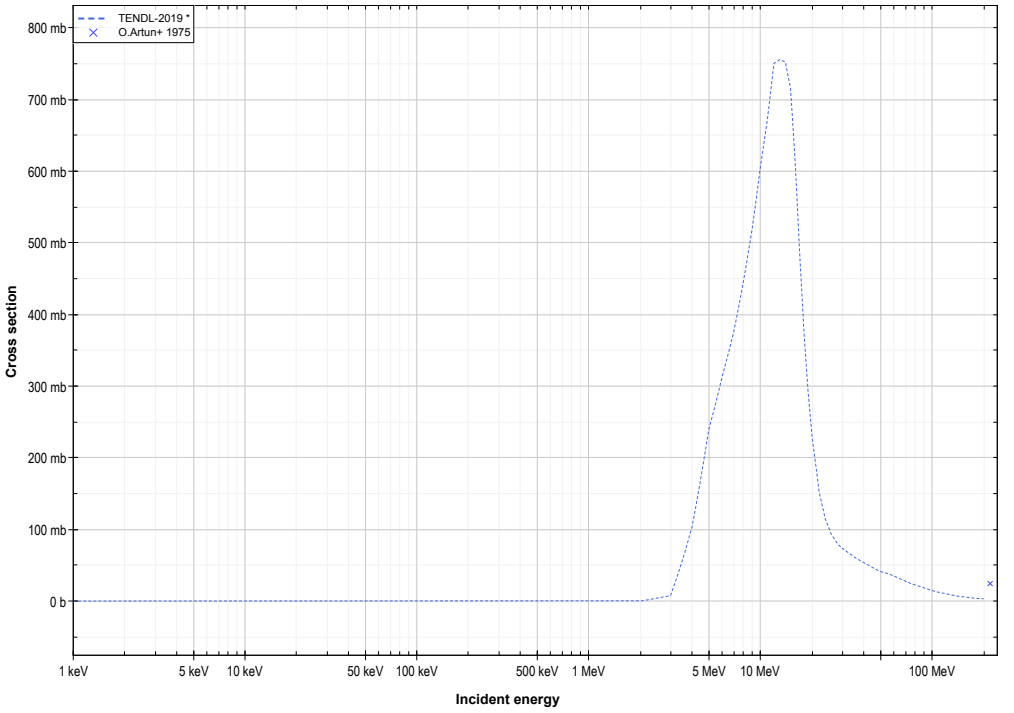
Reaction	Q-Value
Si28(p,He3)Al26	-16924.89 keV
Si28(p,p+d)Al26	-22418.37 keV
Si28(p,n+2p)Al26	-24642.93 keV

<< 13-Al-27	**14-Si-28**	20-Ca-40 >>
<< MT44 (p,n+2p)	**MT103 (p,p) or MT5 (Si28 production)**	MT104 (p,d) >>

Si28 (p,p) or Si28 production log-log



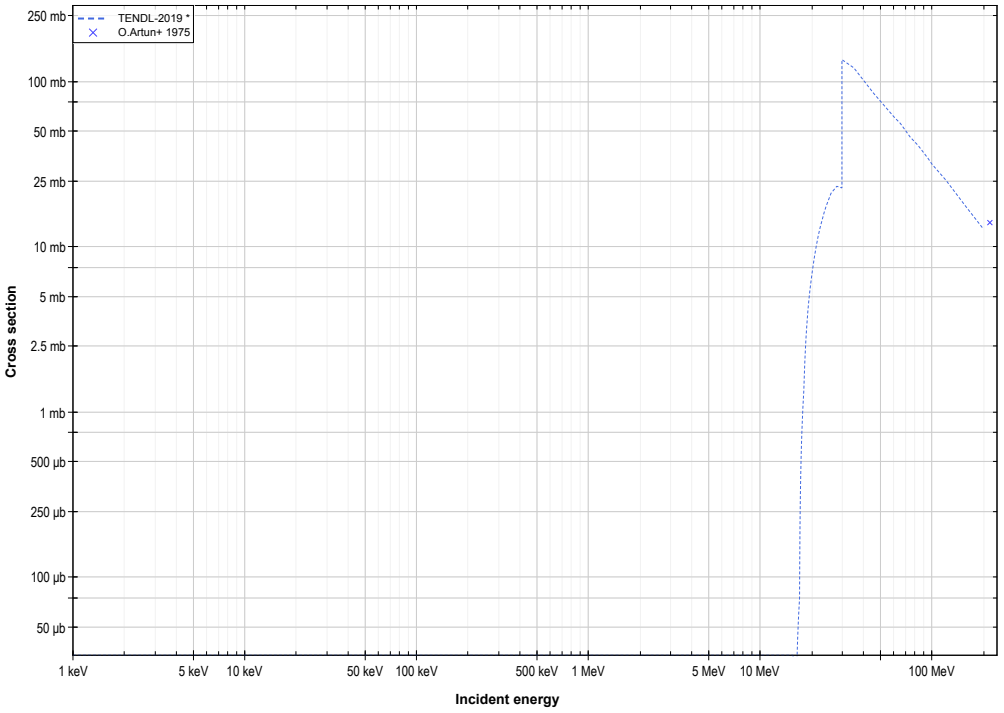
Si28 (p,p) or Si28 production lin-log



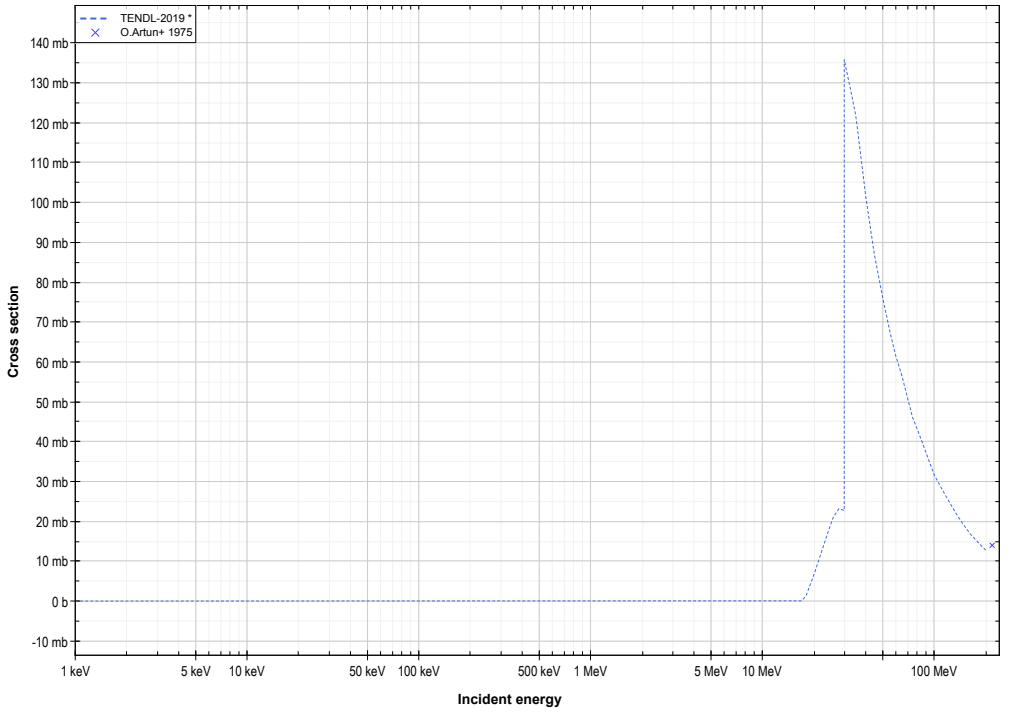
Reaction	Q-Value
Si28(p,p)Si28	0.00 keV

<< 13-Al-27	**14-Si-28**	20-Ca-40 >>
<< MT103 (p,p)	**MT104 (p,d) or MT5 (Si27 production)**	MT106 (p,³He) >>

Si28 (p,d) or Si27 production log-log



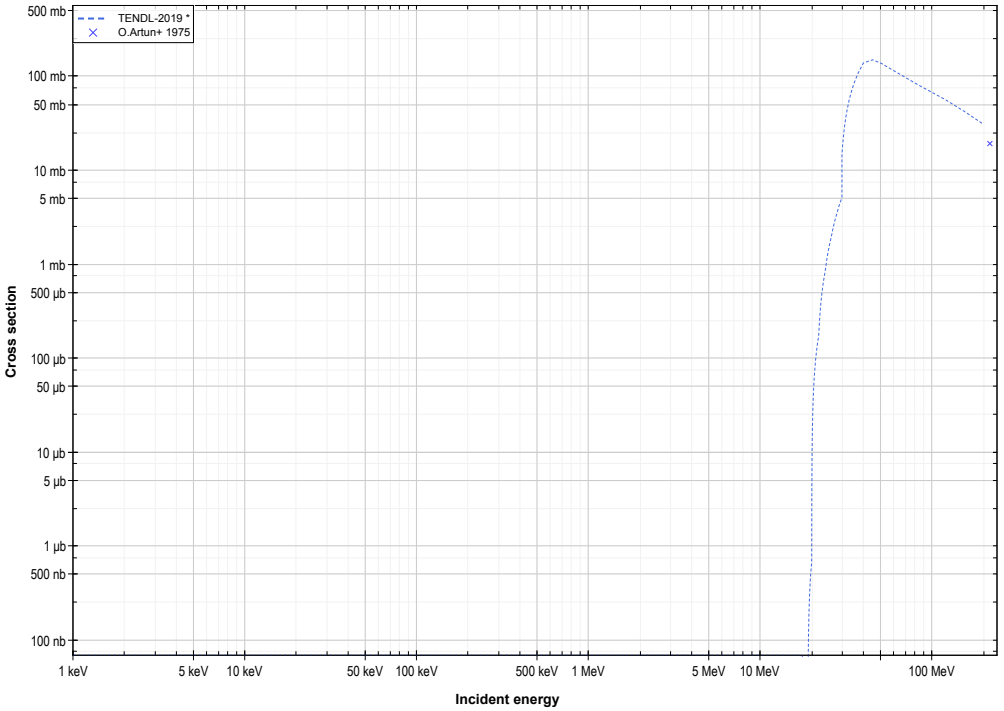
Si28 (p,d) or Si27 production lin-log



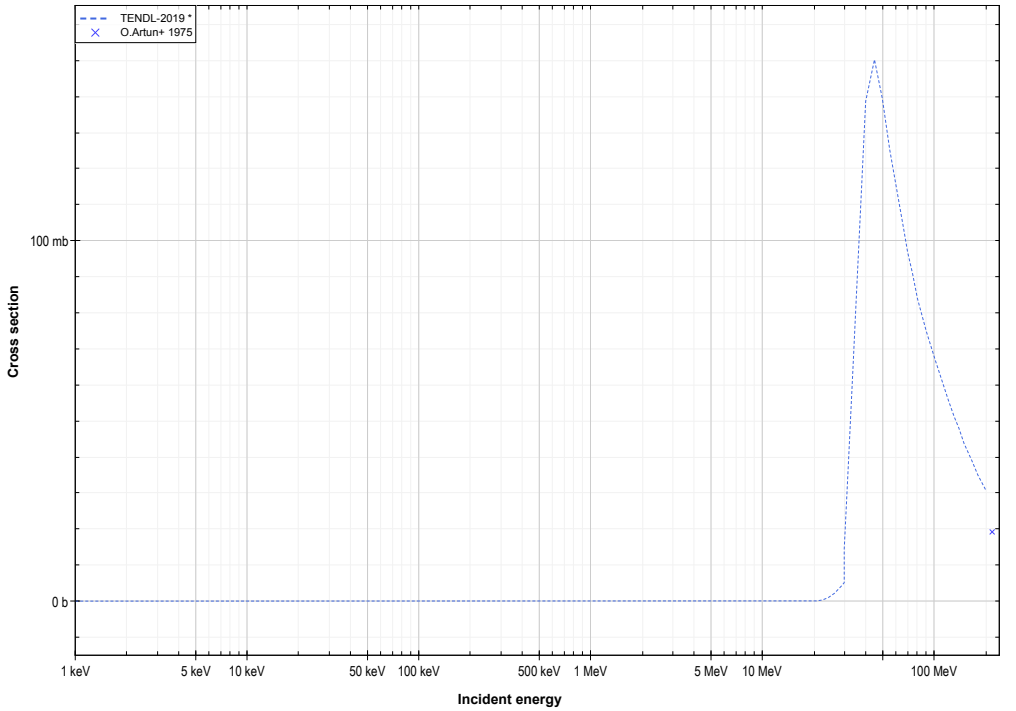
Reaction	Q-Value
Si28(p,d)Si27	-14955.05 keV
Si28(p,n+p)Si27	-17179.61 keV

<< 12-Mg-26	**14-Si-28**	18-Ar-40 >>
<< MT104 (p,d)	**MT106 (p,³He) or MT5 (Al26 production)**	MT107 (p,α) >>

Si28 (p,³He) or Al26 production log-log



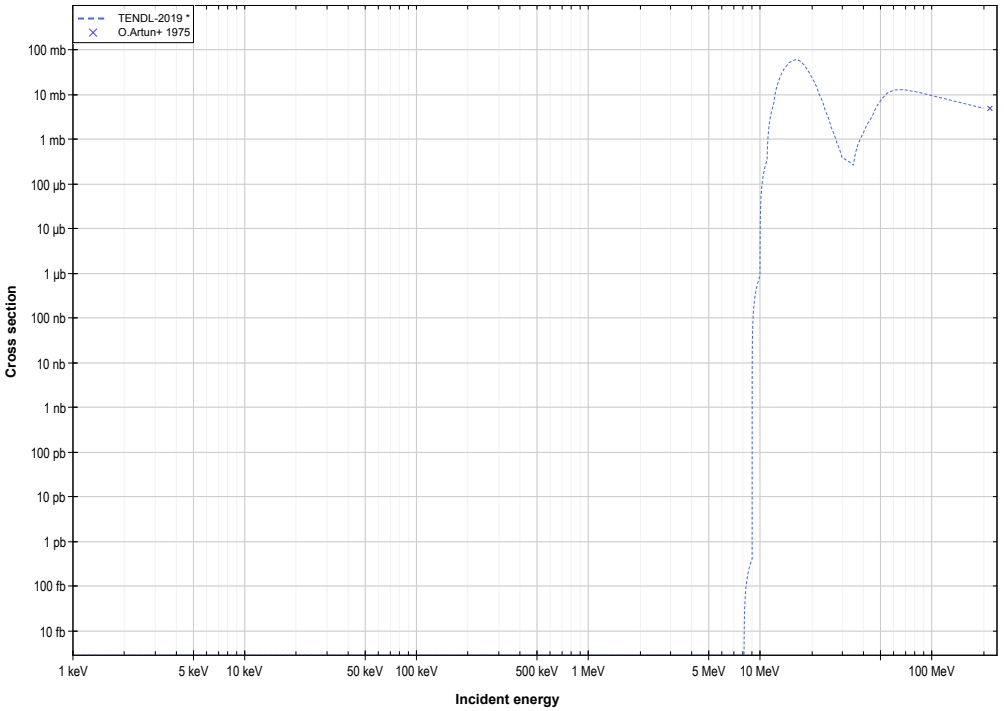
Si28 (p,³He) or Al26 production lin-log



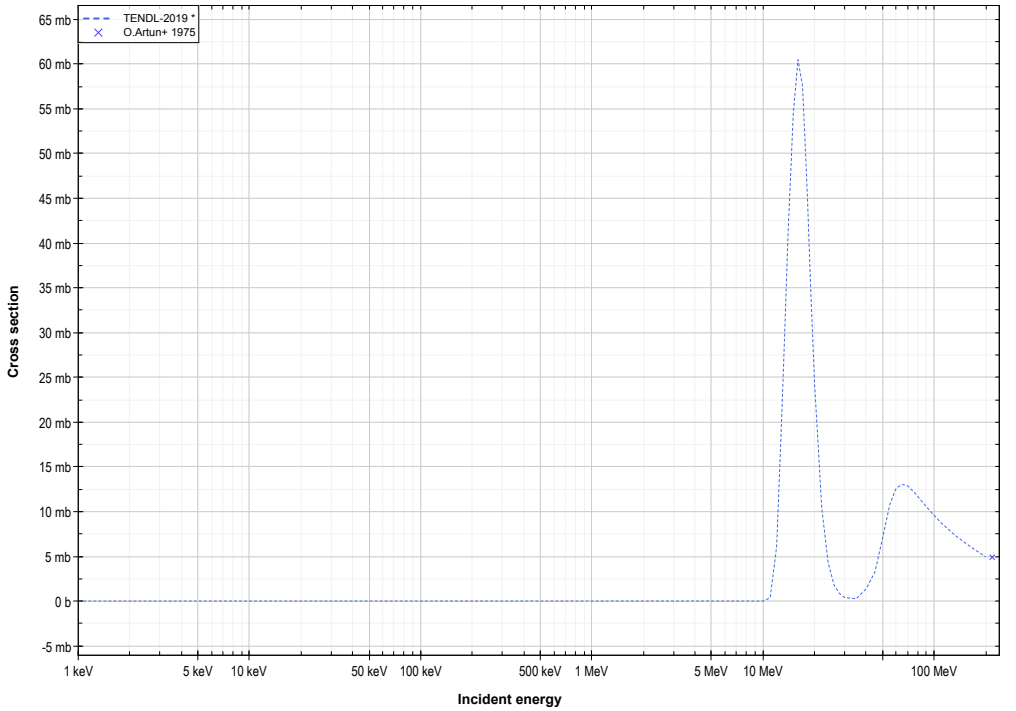
Reaction	Q-Value
Si28(p,He3)Al26	-16924.89 keV
Si28(p,p+d)Al26	-22418.37 keV
Si28(p,n+2p)Al26	-24642.93 keV

<< 12-Mg-25	**14-Si-28**	22-Ti-46 >>
<< MT106 (p,³He)	**MT107 (p,α) or MT5 (Al25 production)**	MT111 (p,2p) >>

Si28 (p,α) or Al25 production log-log



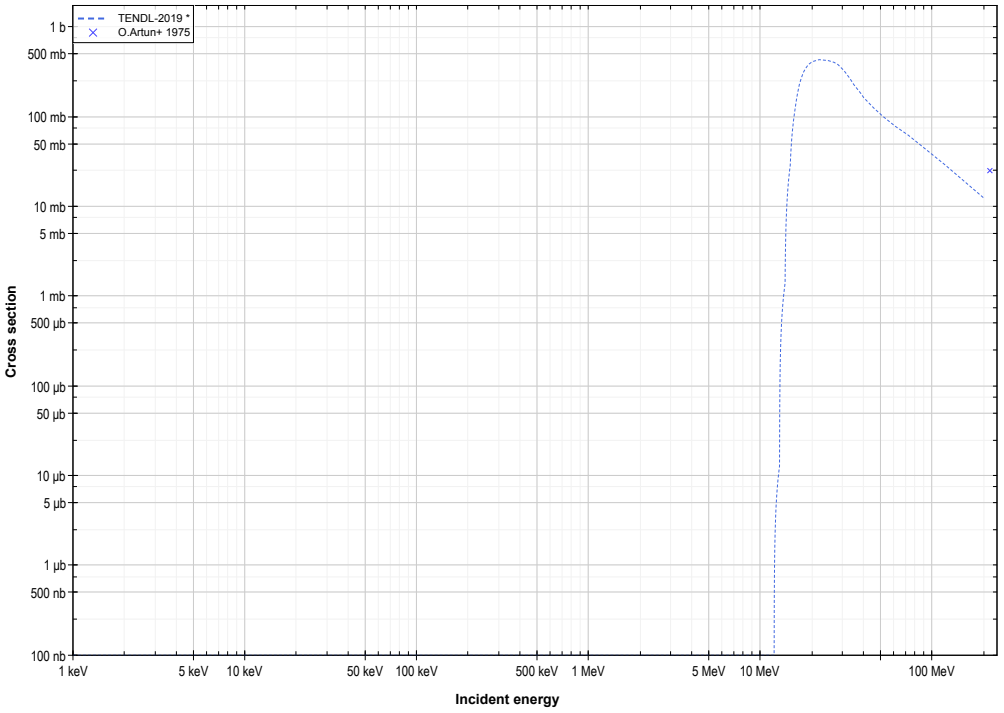
Si28 (p,α) or Al25 production lin-log



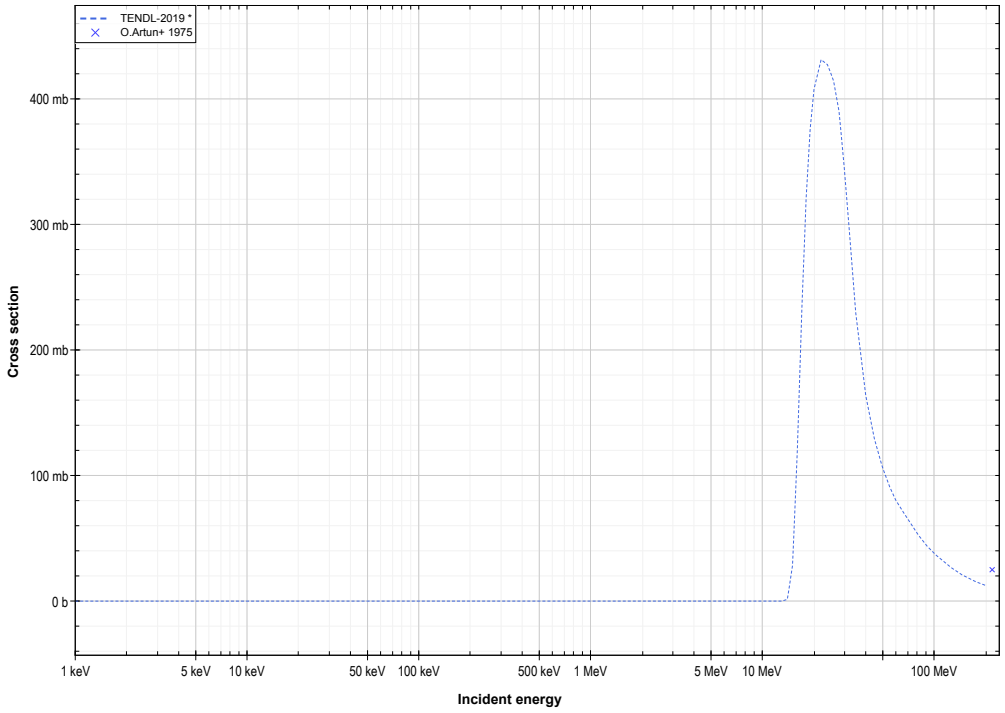
Reaction	Q-Value
Si28(p,α)Al25	-7712.77 keV
Si28(p,p+t)Al25	-27526.63 keV
Si28(p,n+He3)Al25	-28290.39 keV
Si28(p,2d)Al25	-31559.30 keV
Si28(p,n+p+d)Al25	-33783.86 keV
Si28(p,2n+2p)Al25	-36008.43 keV

<< 12-Mg-25	**14-Si-28**	14-Si-29 >>
<< MT107 (p,α)	**MT111 (p,2p) or MT5 (Al27 production)**	MT112 (p,p+α) >>

Si28 (p,2p) or Al27 production log-log



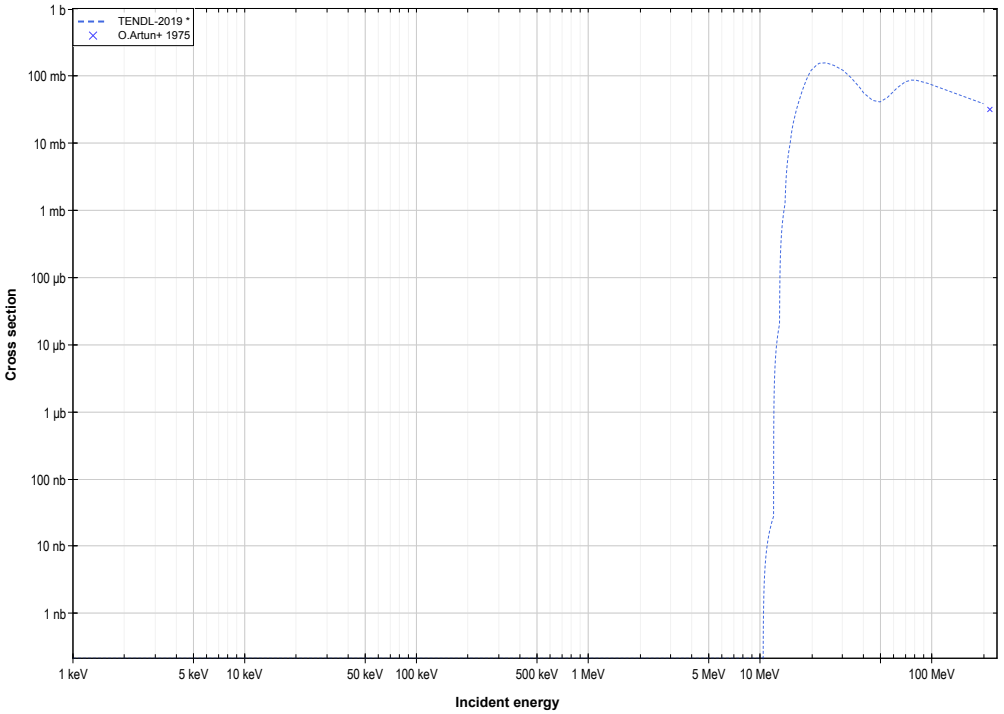
Si28 (p,2p) or Al27 production lin-log



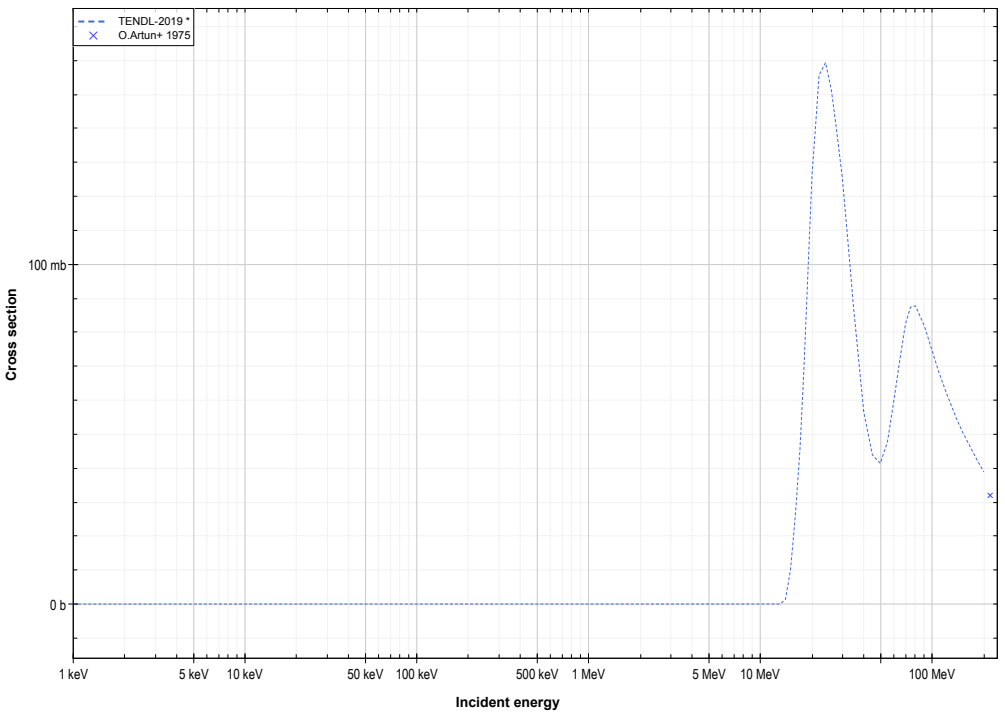
Reaction	Q-Value
Si28(p,2p)Al27	-11584.90 keV

<< 8-O-16	**14-Si-28**	20-Ca-40 >>
<< MT111 (p,2p)	**MT112 (p,p+α) or MT5 (Mg24 production)**	MT115 (p,p+d) >>

Si28 (p,p+α) or Mg24 production log-log



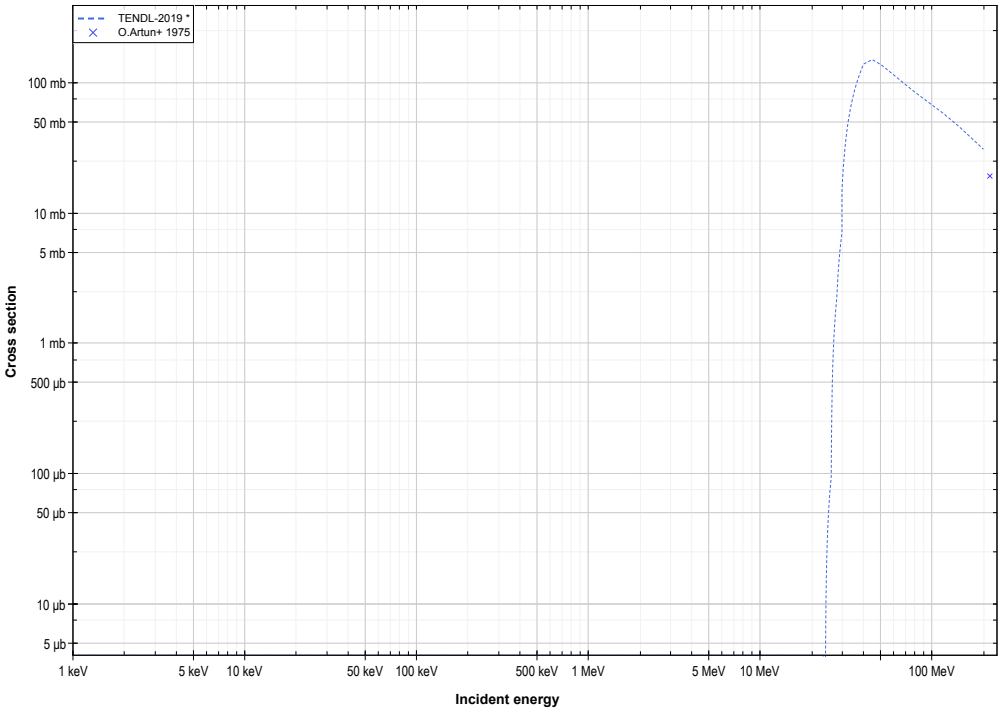
Si28 (p,p+α) or Mg24 production lin-log



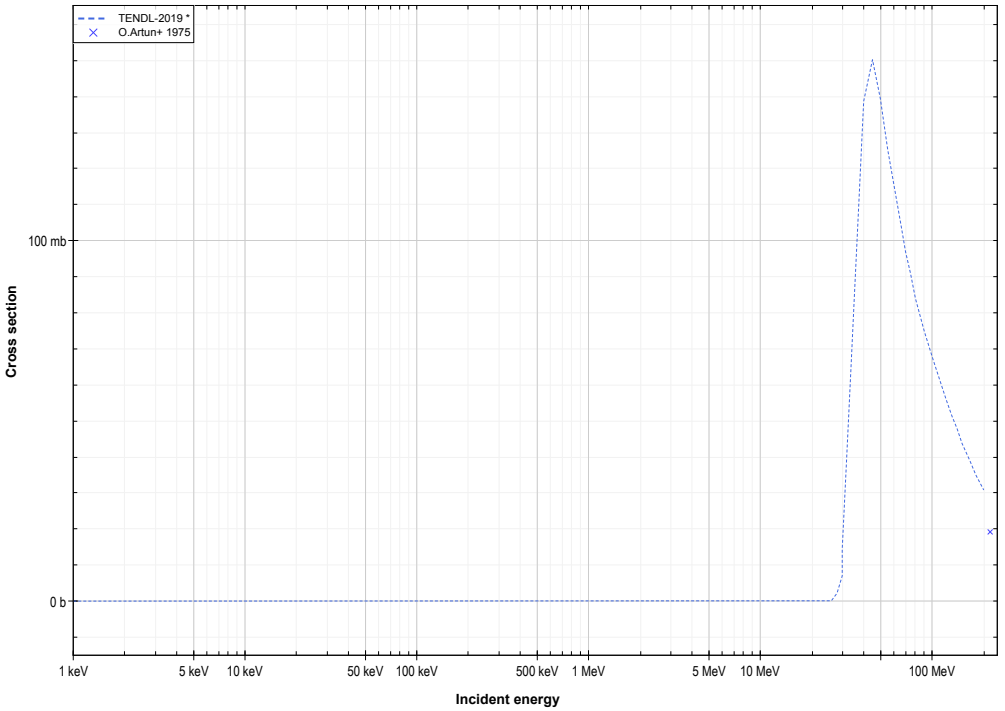
Reaction	Q-Value
Si28(p,p+α)Mg24	-9984.14 keV
Si28(p,d+He3)Mg24	-28337.19 keV
Si28(p,2p+t)Mg24	-29798.01 keV
Si28(p,n+p+He3)Mg24	-30561.76 keV
Si28(p,p+2d)Mg24	-33830.67 keV
Si28(p,n+2p+d)Mg24	-36055.23 keV
Si28(p,2n+3p)Mg24	-38279.80 keV

<< 12-Mg-26	**14-Si-28**	18-Ar-40 >>
<< MT112 (p,p+α)	**MT115 (p,p+d) or MT5 (Al26 production)**	MT116 (p,p+t) >>

Si28 (p,p+d) or Al26 production log-log



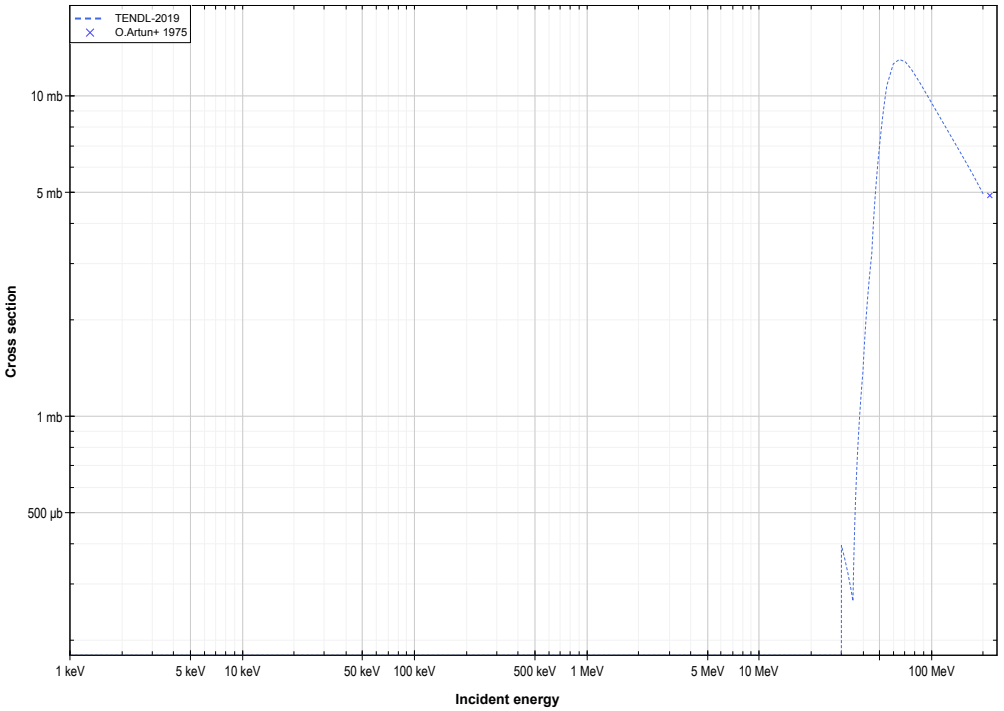
Si28 (p,p+d) or Al26 production lin-log



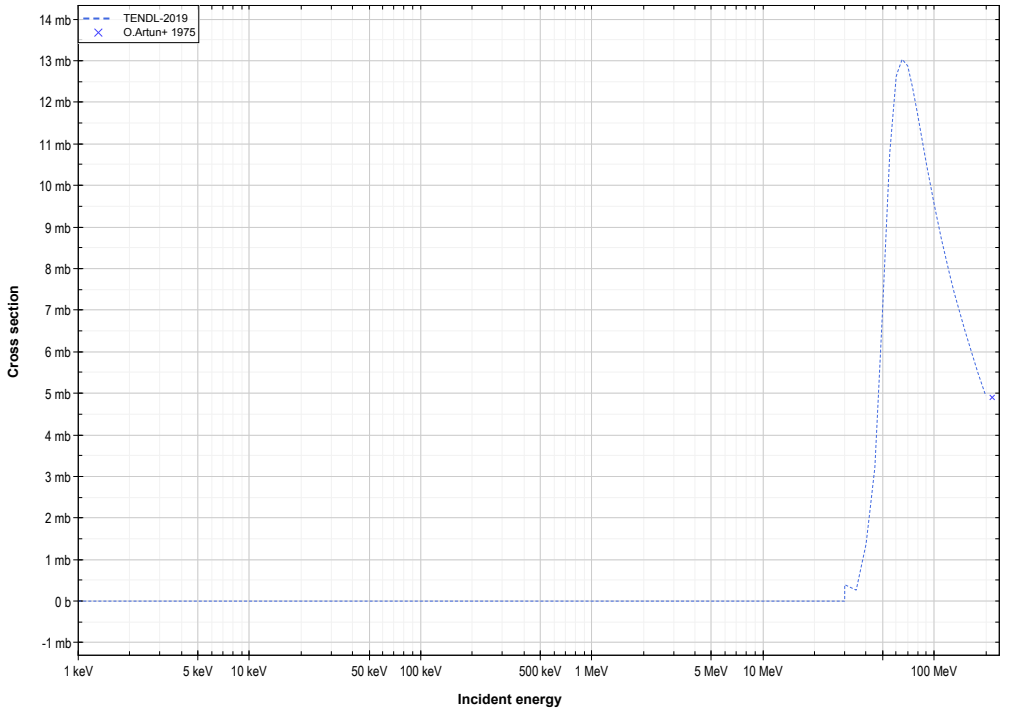
Reaction	Q-Value
Si28(p,He3)Al26	-16924.89 keV
Si28(p,p+d)Al26	-22418.37 keV
Si28(p,n+2p)Al26	-24642.93 keV

<< 12-Mg-25	**14-Si-28**	28-Ni-58 >>
<< MT115 (p,p+d)	**MT116 (p,p+t) or MT5 (Al25 production)**	MT183 (p,n+p+d) >>

Si28 (p,p+t) or Al25 production log-log



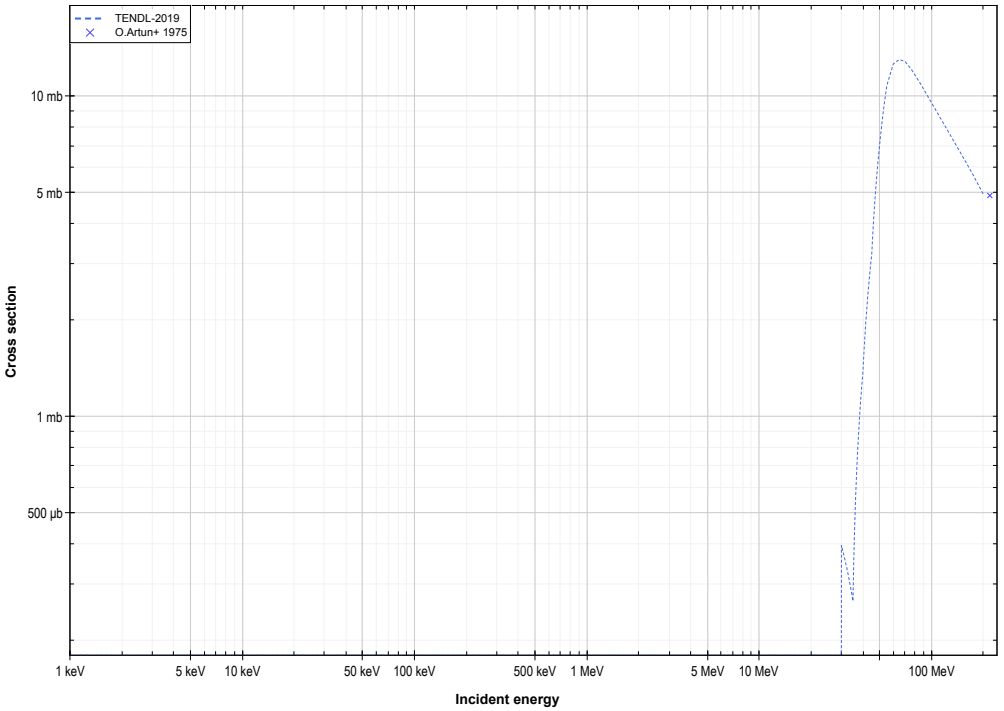
Si28 (p,p+t) or Al25 production lin-log



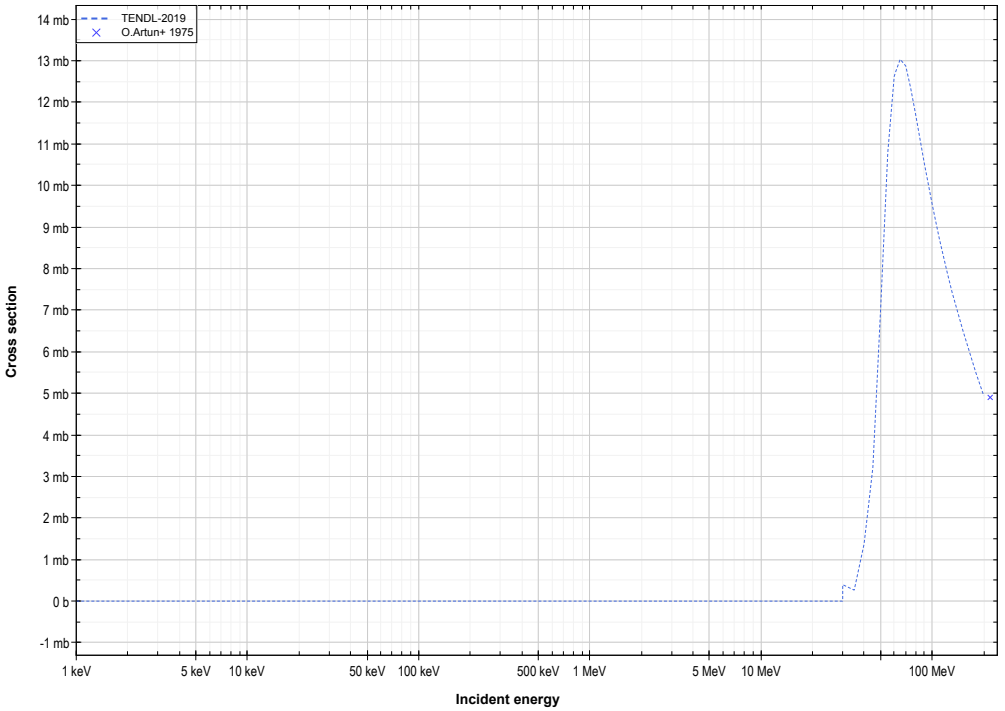
Reaction	Q-Value
Si28(p,α)Al25	-7712.77 keV
Si28(p,p+t)Al25	-27526.63 keV
Si28(p,n+He3)Al25	-28290.39 keV
Si28(p,2d)Al25	-31559.30 keV
Si28(p,n+p+d)Al25	-33783.86 keV
Si28(p,2n+2p)Al25	-36008.43 keV

<< 12-Mg-25	**14-Si-28**	28-Ni-58 >>
<< MT116 (p,p+t)	**MT183 (p,n+p+d) or MT5 (Al25 production)**	MT186 (p,n+p+^{3}He) >>

Si28 (p,n+p+d) or Al25 production log-log



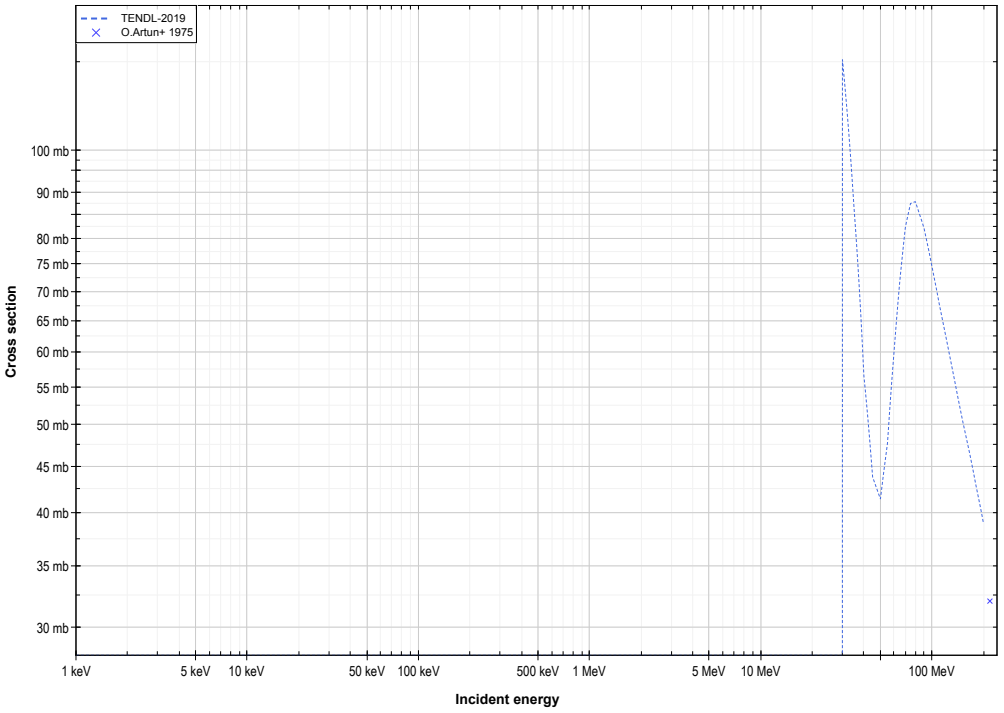
Si28 (p,n+p+d) or Al25 production lin-log



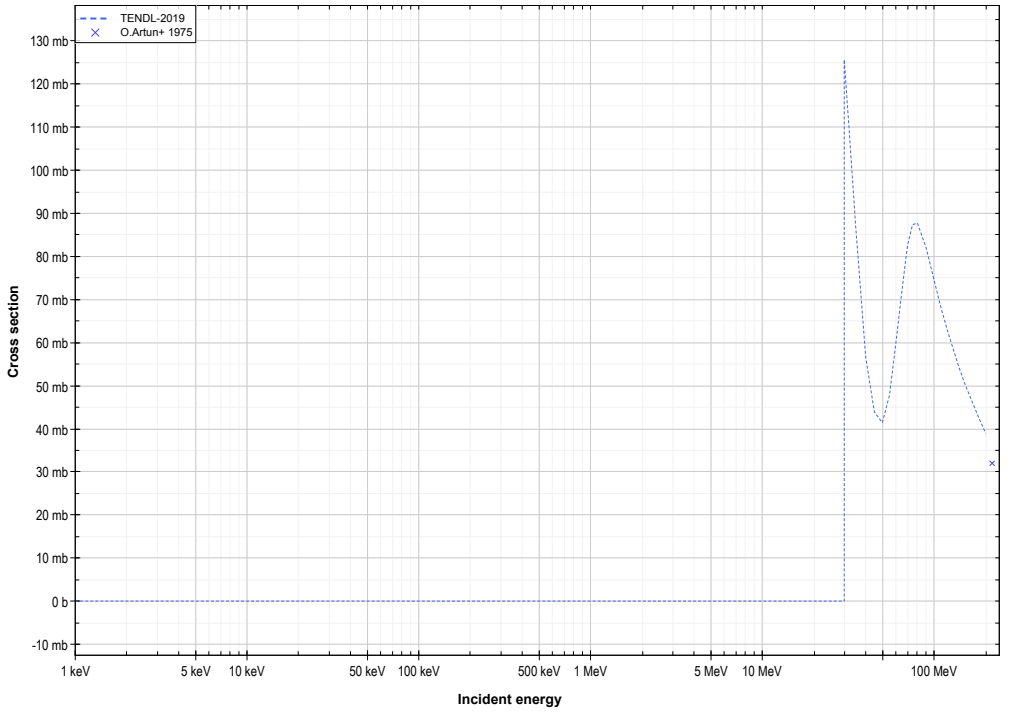
Reaction	Q-Value
Si28(p,α)Al25	-7712.77 keV
Si28(p,p+t)Al25	-27526.63 keV
Si28(p,n+He3)Al25	-28290.39 keV
Si28(p,2d)Al25	-31559.30 keV
Si28(p,n+p+d)Al25	-33783.86 keV
Si28(p,2n+2p)Al25	-36008.43 keV

	14-Si-28	20-Ca-40 >>
<< MT183 (p,n+p+d)	**MT186 (p,n+p+³He) or MT5 (Mg24 production)**	MT190 (p,2n+2p) >>

Si28 (p,n+p+³He) or Mg24 production log-log



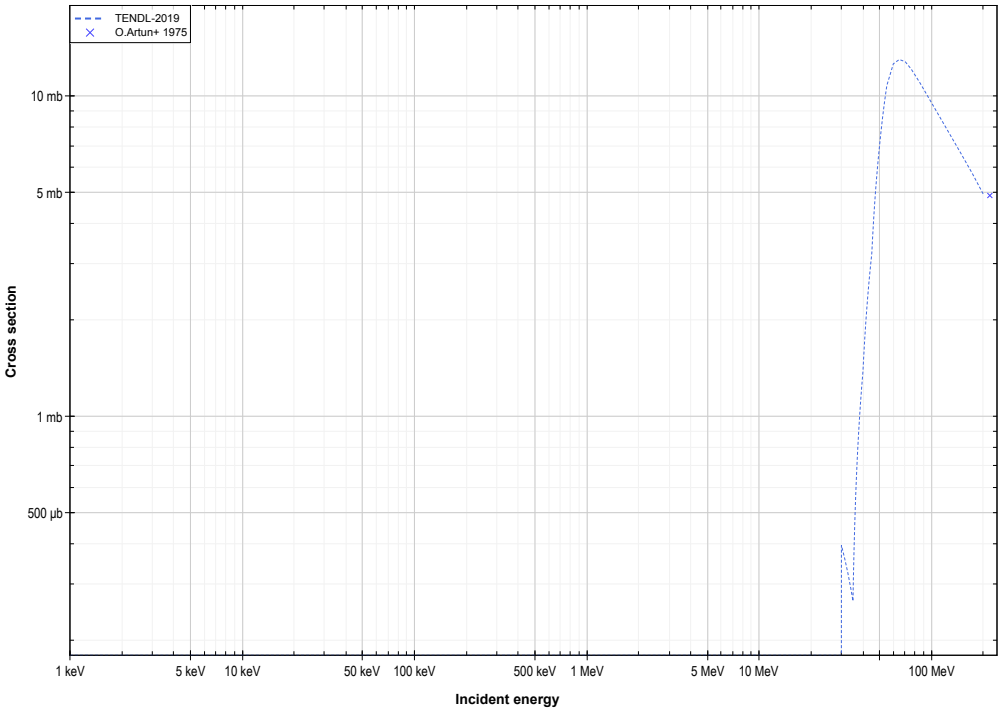
Si28 (p,n+p+³He) or Mg24 production lin-log



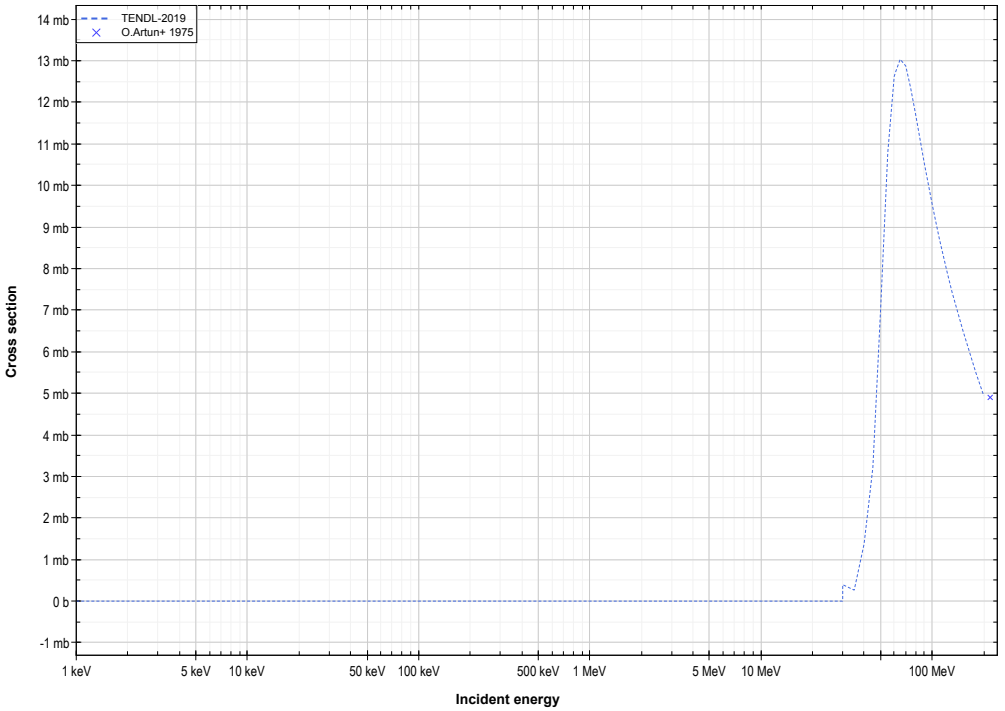
Reaction	Q-Value
Si28(p,p+α)Mg24	-9984.14 keV
Si28(p,d+He3)Mg24	-28337.19 keV
Si28(p,2p+t)Mg24	-29798.01 keV
Si28(p,n+p+He3)Mg24	-30561.76 keV
Si28(p,p+2d)Mg24	-33830.67 keV
Si28(p,n+2p+d)Mg24	-36055.23 keV
Si28(p,2n+3p)Mg24	-38279.80 keV

<< 12-Mg-25	**14-Si-28**	28-Ni-58 >>
<< MT186 (p,n+p+^{3}He)	**MT190 (p,2n+2p) or MT5 (Al25 production)**	MT191 (p,p+^{3}He) >>

Si28 (p,2n+2p) or Al25 production log-log



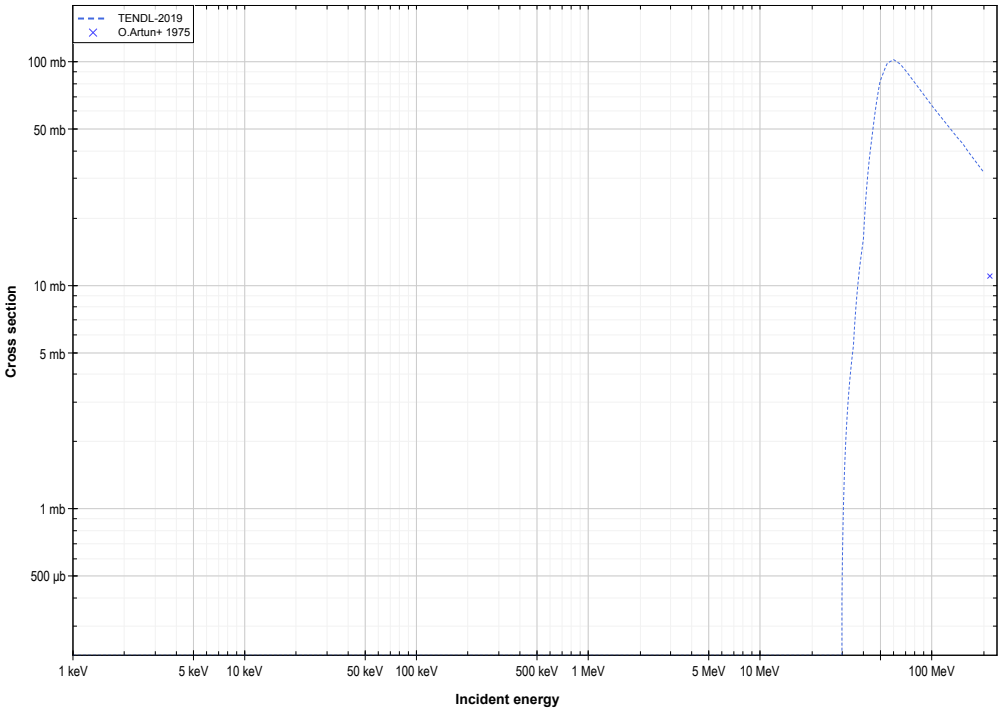
Si28 (p,2n+2p) or Al25 production lin-log



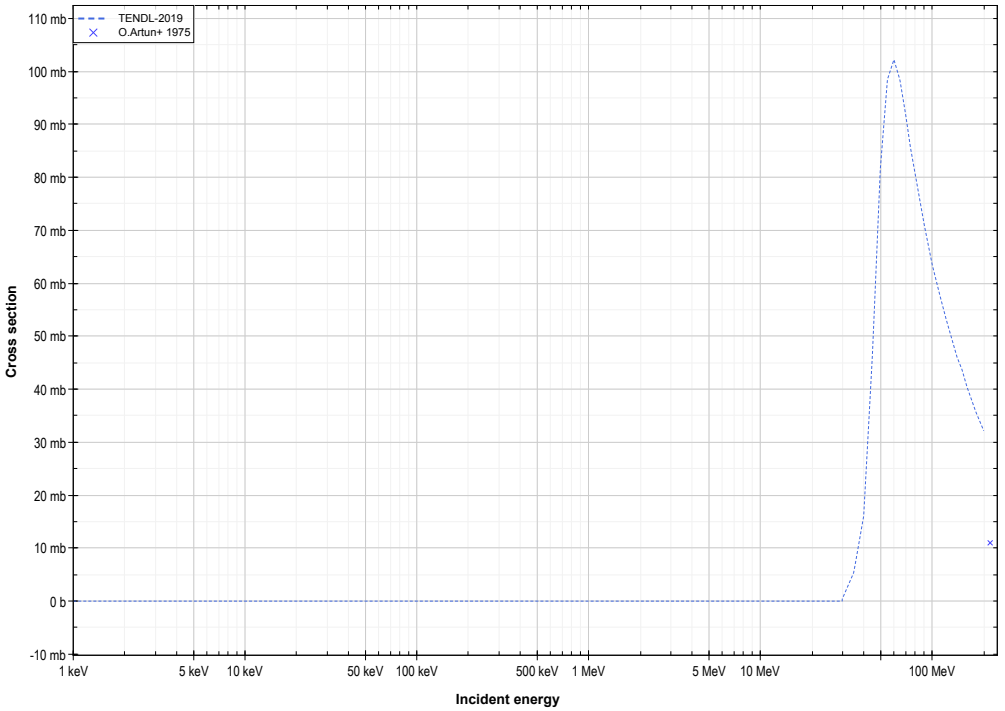
Reaction	Q-Value
Si28(p,α)Al25	-7712.77 keV
Si28(p,p+t)Al25	-27526.63 keV
Si28(p,n+He3)Al25	-28290.39 keV
Si28(p,2d)Al25	-31559.30 keV
Si28(p,n+p+d)Al25	-33783.86 keV
Si28(p,2n+2p)Al25	-36008.43 keV

<< 13-Al-27	**14-Si-28**	20-Ca-40 >>
<< MT190 (p,2n+2p)	**MT191 (p,p+³He) or MT5 (Mg25 production)**	MT192 (p,d+³He) >>

Si28 (p,p+³He) or Mg25 production log-log



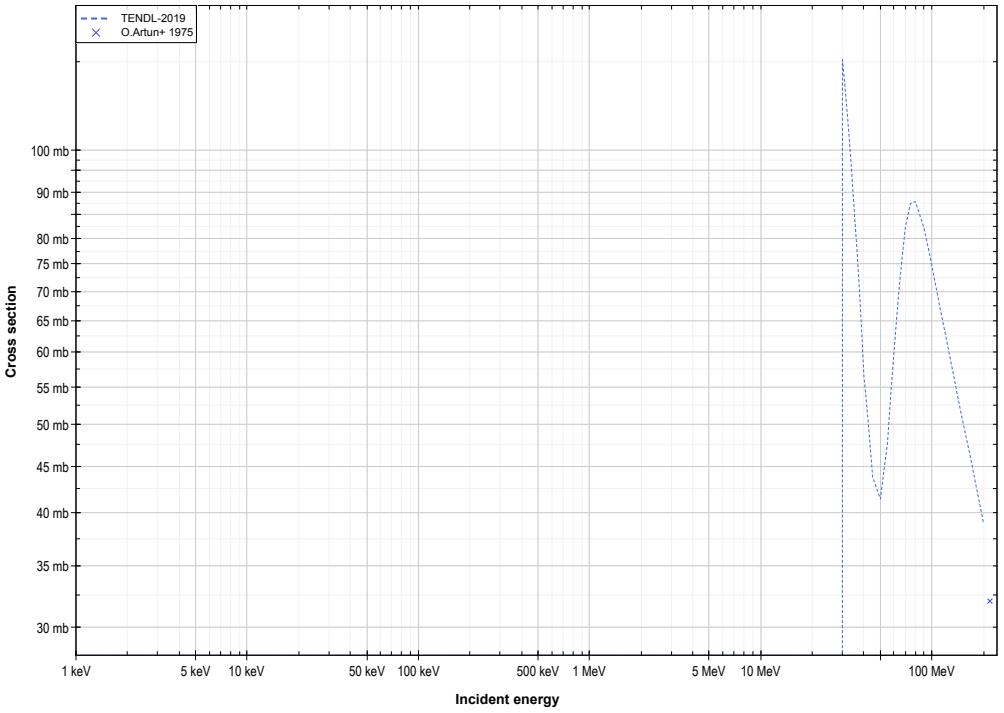
Si28 (p,p+³He) or Mg25 production lin-log



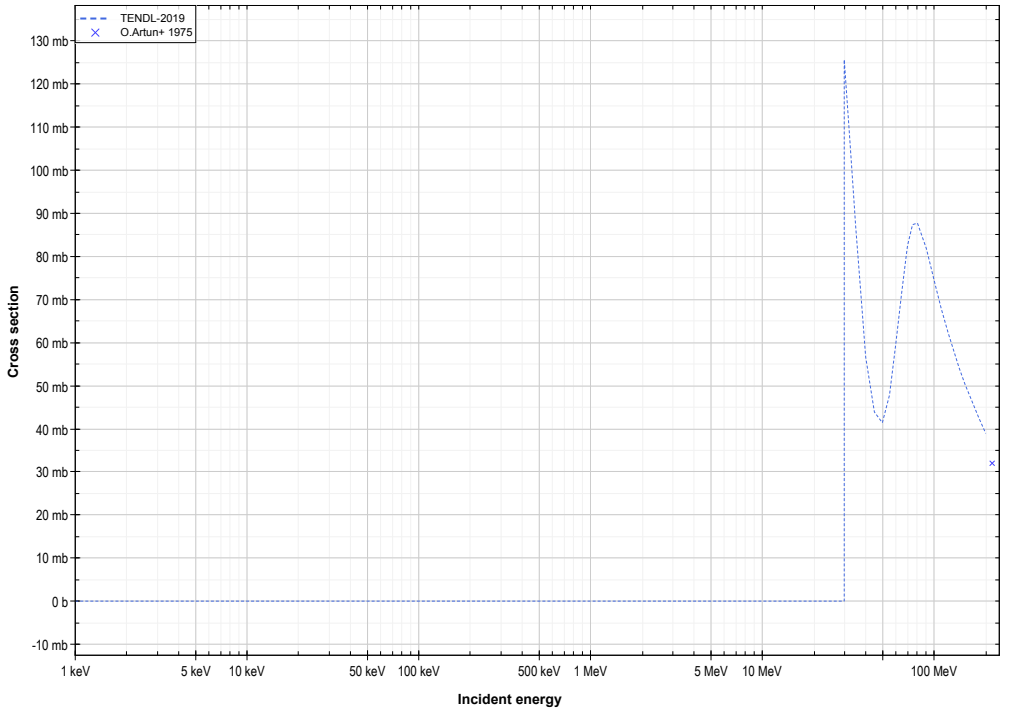
Reaction	Q-Value
Si28(p,p+He3)Mg25	-23231.23 keV
Si28(p,2p+d)Mg25	-28724.71 keV
Si28(p,n+3p)Mg25	-30949.27 keV

<< 8-O-16	**14-Si-28**	20-Ca-40 >>
<< MT191 (p,p+³He)	**MT192 (p,d+³He) or MT5 (Mg24 production)**	MT193 (p,³He+α) >>

Si28 (p,d+h) or Mg24 production log-log



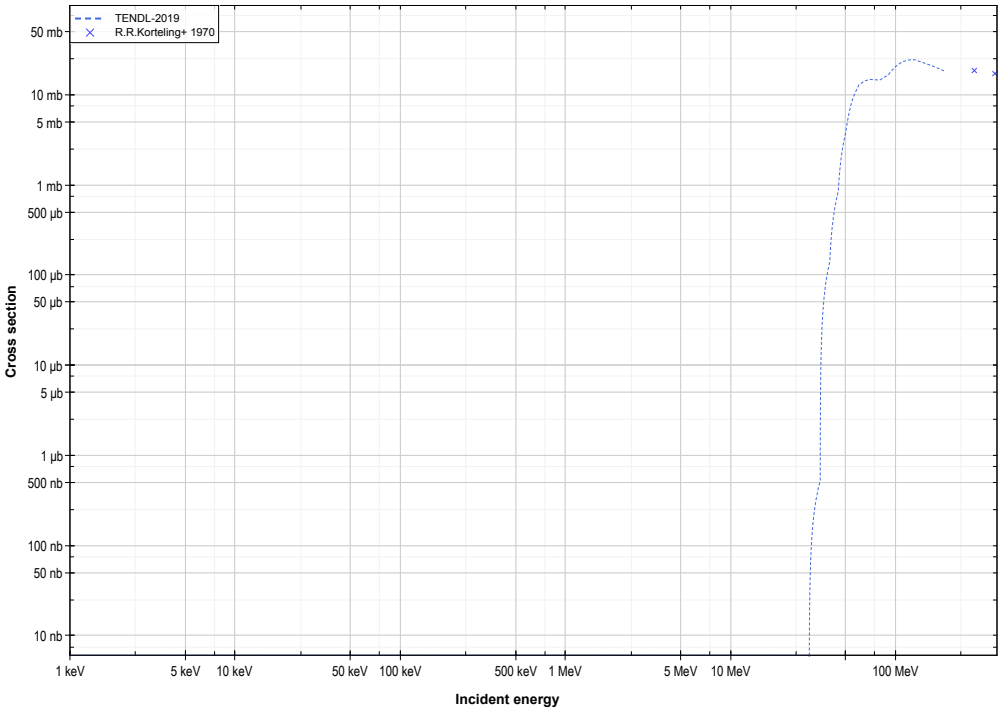
Si28 (p,d+h) or Mg24 production lin-log



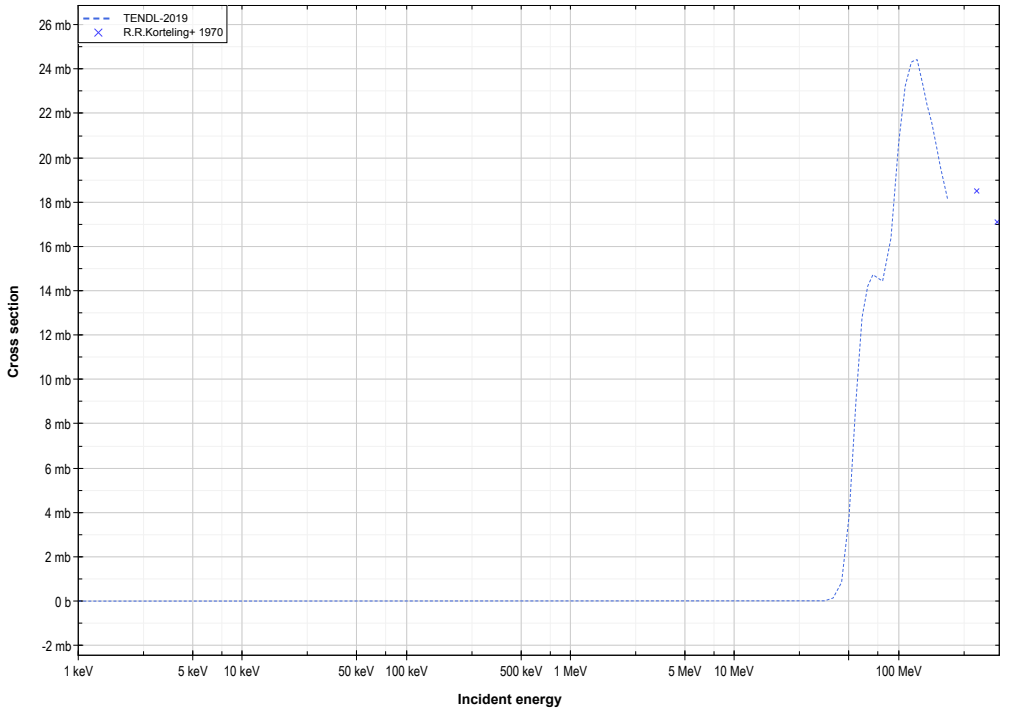
Reaction	Q-Value
Si28(p,p+α)Mg24	-9984.14 keV
Si28(p,d+He3)Mg24	-28337.19 keV
Si28(p,2p+t)Mg24	-29798.01 keV
Si28(p,n+p+He3)Mg24	-30561.76 keV
Si28(p,p+2d)Mg24	-33830.67 keV
Si28(p,n+2p+d)Mg24	-36055.23 keV
Si28(p,2n+3p)Mg24	-38279.80 keV

<< 13-Al-27	**14-Si-28**	14-Si-30 >>
<< MT192 (p,d+³He)	**MT193 (p,³He+α) or MT5 (Na22 production)**	MT197 (p,3p) >>

Si28 (p,³He+α) or Na22 production log-log



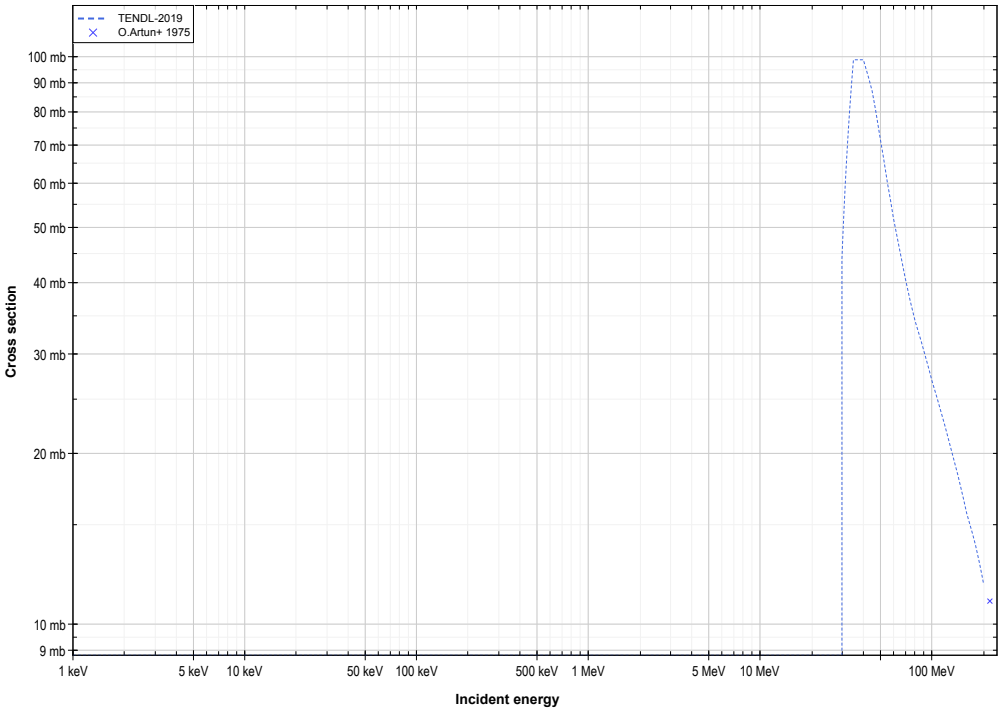
Si28 (p,³He+α) or Na22 production lin-log



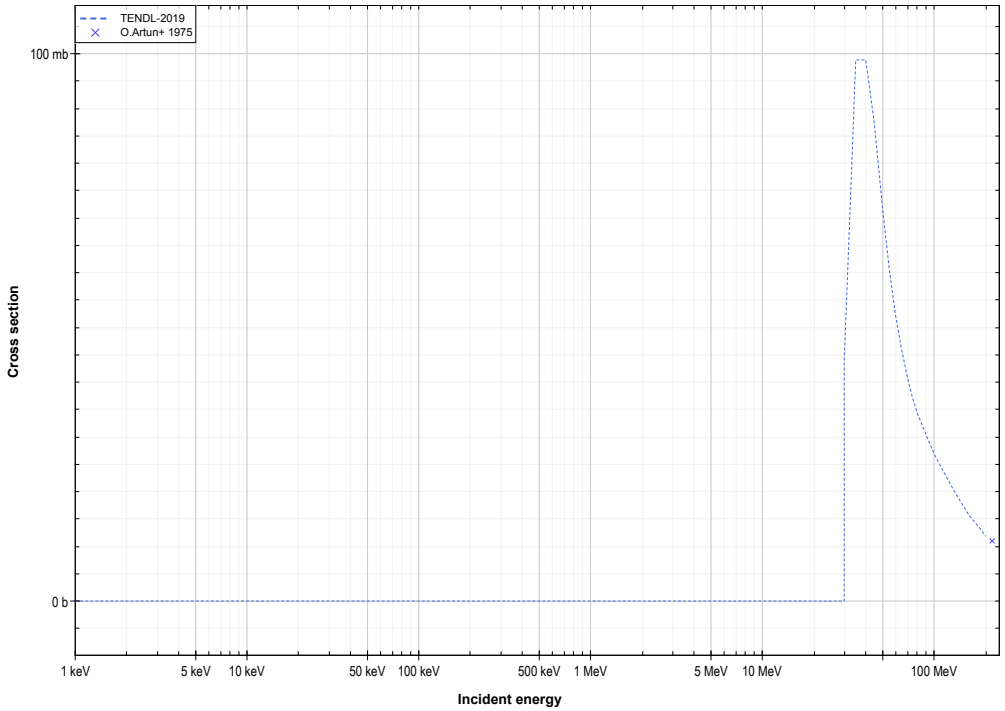
Reaction	Q-Value	Reaction	Q-Value
Si28(p,He3+α)Na22	-26378.45 keV	Si28(p,n+3p+t)Na22	-53910.35 keV
Si28(p,p+d+α)Na22	-31871.92 keV	Si28(p,2n+2p+He3)Na22	-54674.11 keV
Si28(p,n+2p+α)Na22	-34096.49 keV	Si28(p,p+3d)Na22	-55718.45 keV
Si28(p,p+t+He3)Na22	-46192.31 keV	Si28(p,n+2p+2d)Na22	-57943.02 keV
Si28(p,n+2He3)Na22	-46956.07 keV	Si28(p,2n+3p+d)Na22	-60167.58 keV
Si28(p,2d+He3)Na22	-50224.98 keV	Si28(p,3n+4p)Na22	-62392.15 keV
Si28(p,2p+d+t)Na22	-51685.79 keV		
Si28(p,n+p+d+He3)Na22	-52449.54 keV		

<< 9-F-19	**14-Si-28**	14-Si-30 >>
<< MT193 (p,³He+α)	**MT197 (p,3p) or MT5 (Mg26 production)**	MT198 (p,n+3p) >>

Si28 (p,3p) or Mg26 production log-log



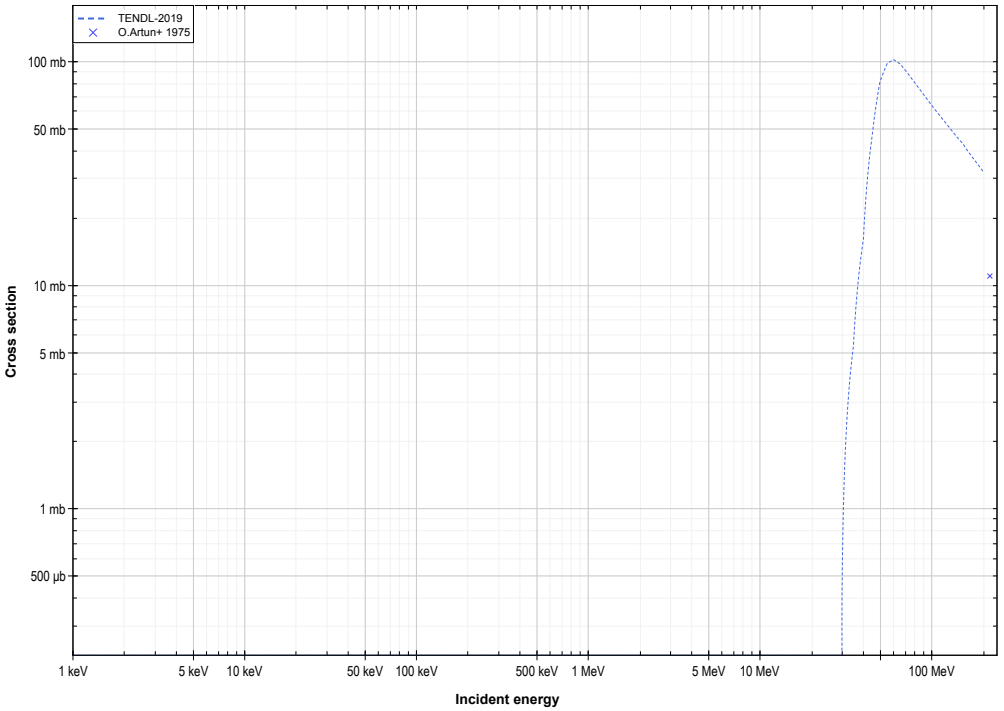
Si28 (p,3p) or Mg26 production lin-log



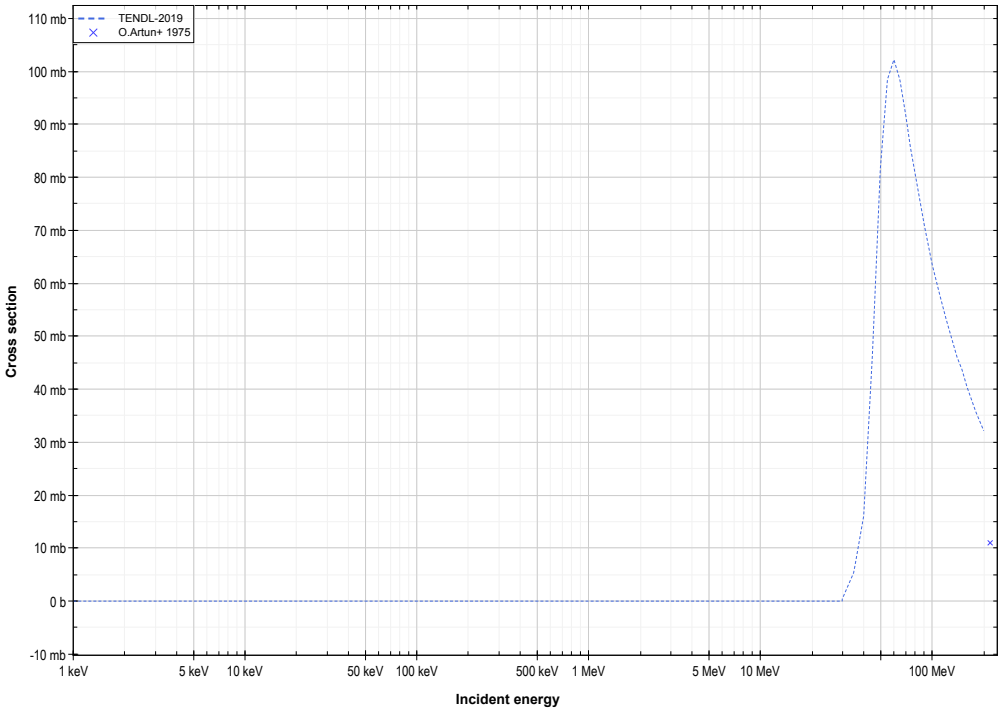
Reaction	Q-Value
Si28(p,3p)Mg26	-19856.19 keV

<< 13-Al-27	**14-Si-28**	20-Ca-40 >>
<< MT197 (p,3p)	**MT198 (p,n+3p) or MT5 (Mg25 production)**	MT199 (p,3n+2p+α) >>

Si28 (p,n+3p) or Mg25 production log-log



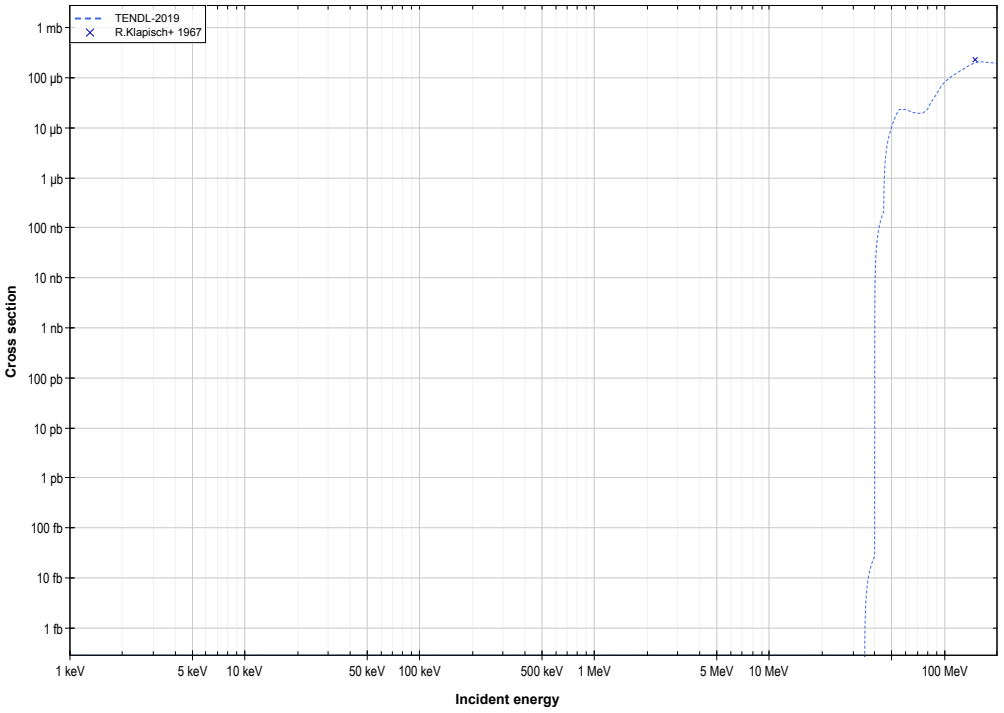
Si28 (p,n+3p) or Mg25 production lin-log



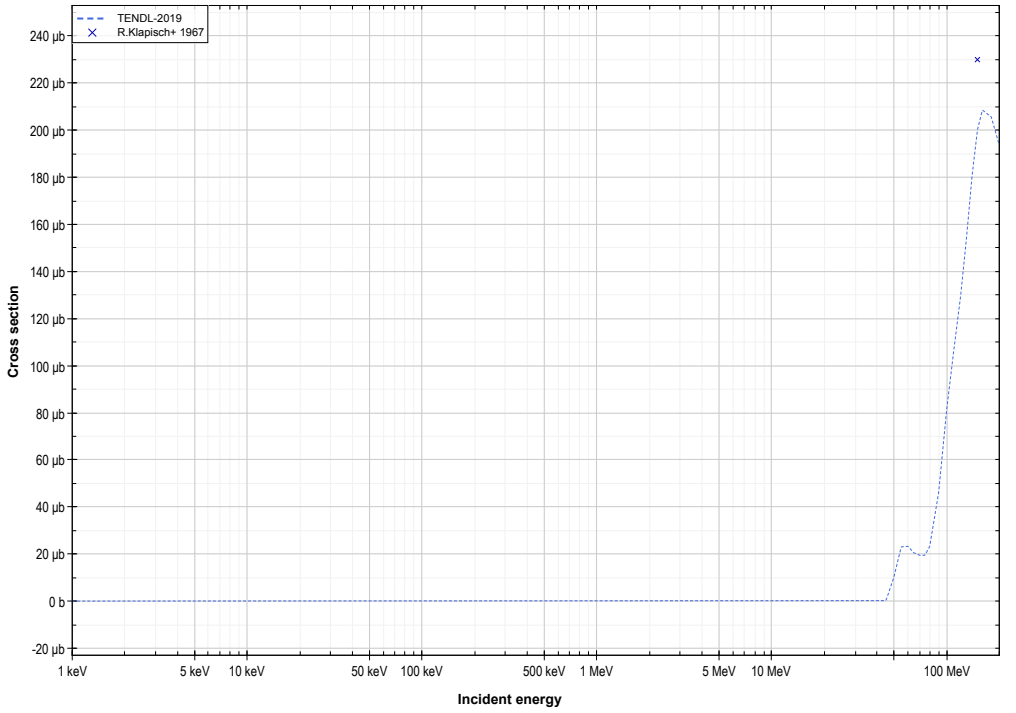
Reaction	Q-Value
Si28(p,p+He3)Mg25	-23231.23 keV
Si28(p,2p+d)Mg25	-28724.71 keV
Si28(p,n+3p)Mg25	-30949.27 keV

<< 12-Mg-26	**14-Si-28**	14-Si-30 >>
<< MT198 (p,n+3p)	**MT199 (p,3n+2p+α) or MT5 (Na20 production)**	14-Si-29 MT108 (p,2α) >>

Si28 (p,3n+2p+α) or Na20 production log-log



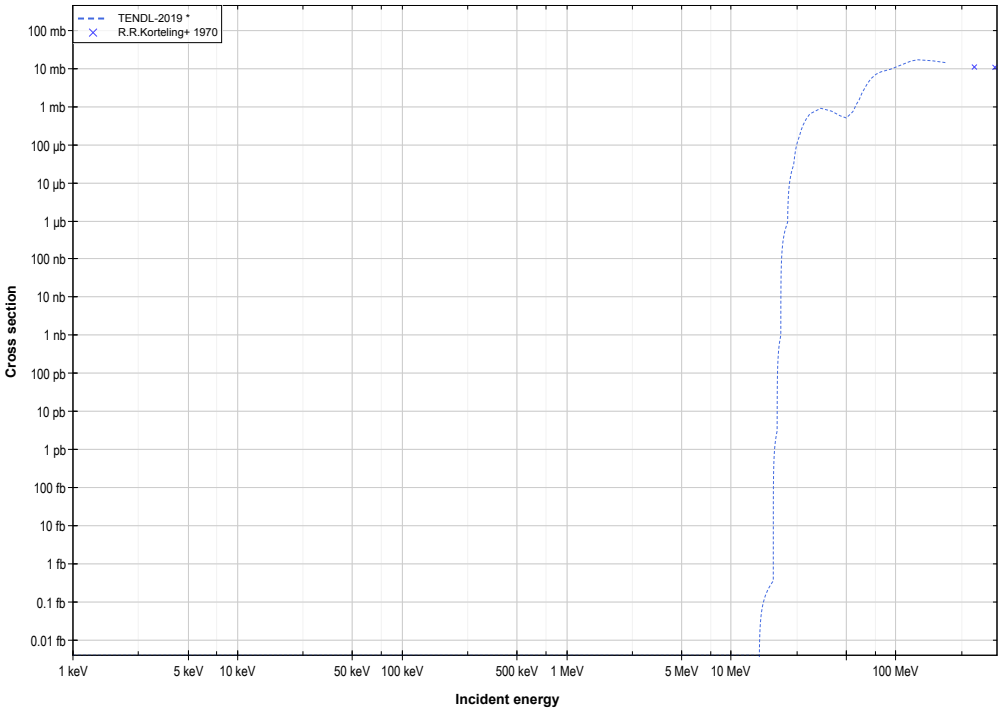
Si28 (p,3n+2p+α) or Na20 production lin-log



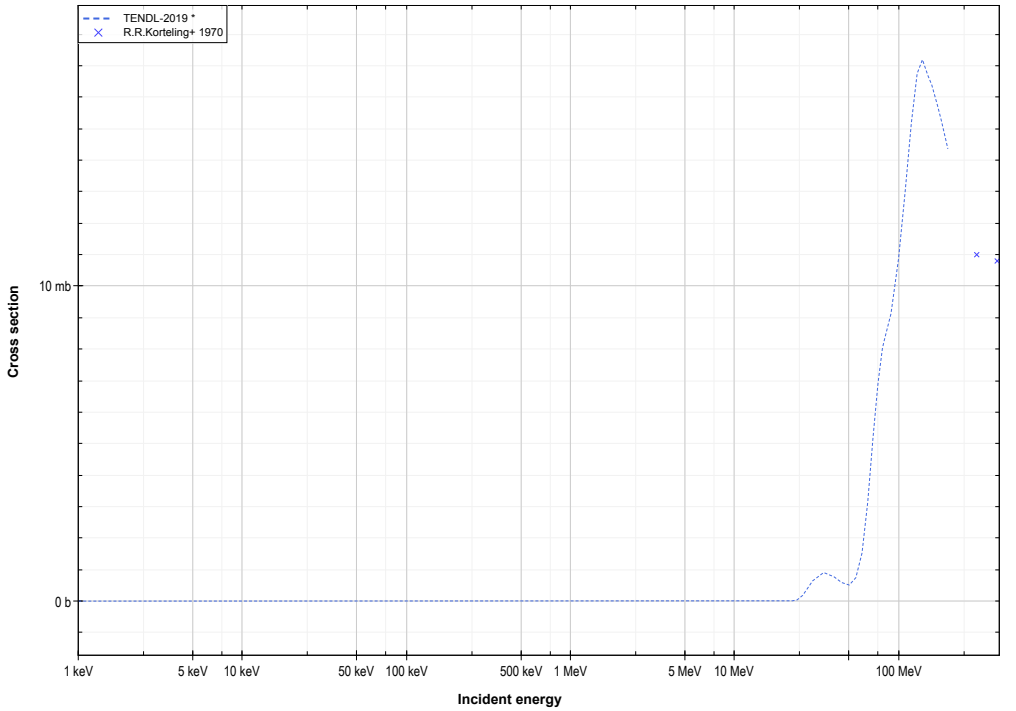
Reaction	Q-Value	Reaction	Q-Value
Si28(p,n+2α)Na20	-33975.57 keV	Si28(p,p+d+2t)Na20	-71378.74 keV
Si28(p,d+t+α)Na20	-51564.87 keV	Si28(p,n+d+t+He3)Na20	-72142.49 keV
Si28(p,n+p+t+α)Na20	-53789.44 keV	Si28(p,n+2p+2t)Na20	-73603.30 keV
Si28(p,2n+He3+α)Na20	-54553.19 keV	Si28(p,2n+p+t+He3)Na20	-74367.06 keV
Si28(p,n+2d+α)Na20	-57822.10 keV	Si28(p,3n+2He3)Na20	-75130.81 keV
Si28(p,2n+p+d+α)Na20	-60046.67 keV	Si28(p,3d+t)Na20	-75411.40 keV
Si28(p,3n+2p+α)Na20	-62271.23 keV	Si28(p,n+p+2d+t)Na20	-77635.96 keV
Si28(p,2t+He3)Na20	-65885.26 keV	Si28(p,2n+2d+He3)Na20	-78399.72 keV

<< 13-Al-27	**14-Si-29**	22-Ti-50 >>
<< 14-Si-28 MT199 (p,3n+2p+α)	**MT108 (p,2α) or MT5 (Na22 production)**	MT109 (p,3α) >>

Si29 (p,2α) or Na22 production log-log



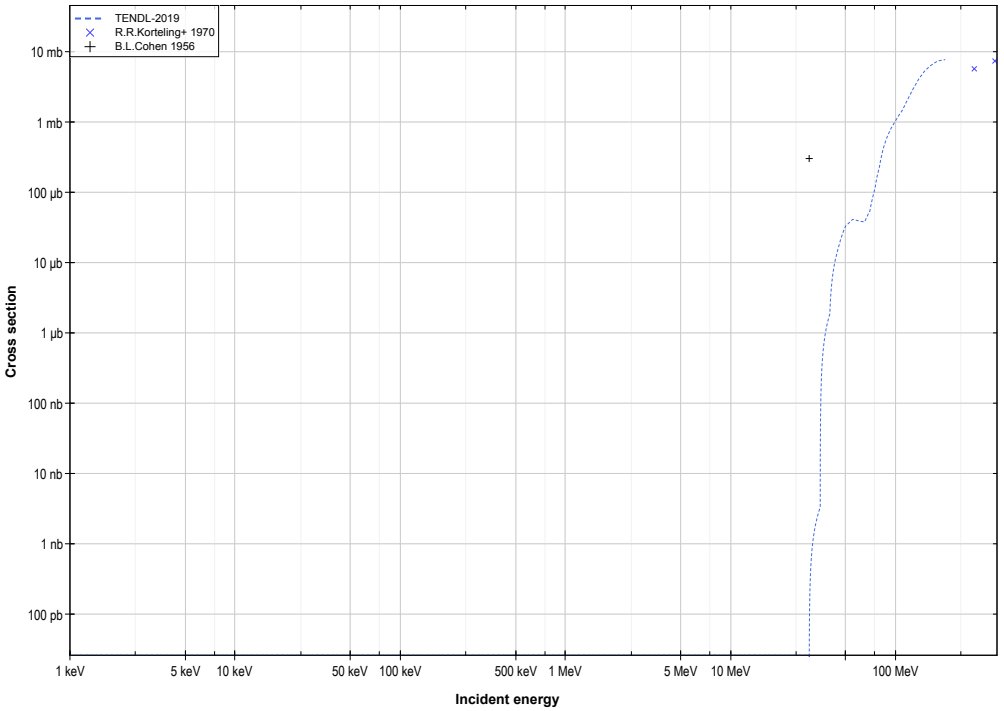
Si29 (p,2α) or Na22 production lin-log



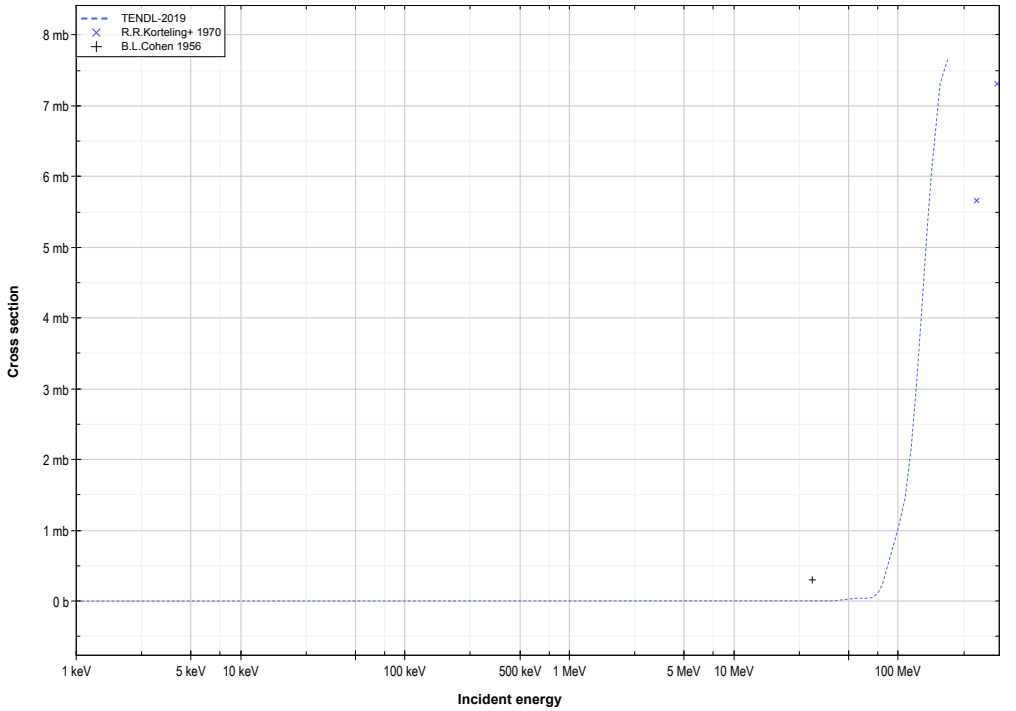
Reaction	Q-Value	Reaction	Q-Value
Si29(p,2α)Na22	-14274.43 keV	Si29(p,n+p+t+He3)Na22	-54665.91 keV
Si29(p,p+t+α)Na22	-34088.29 keV	Si29(p,2n+2He3)Na22	-55429.67 keV
Si29(p,n+He3+α)Na22	-34852.05 keV	Si29(p,p+2d+t)Na22	-57934.82 keV
Si29(p,2d+α)Na22	-38120.96 keV	Si29(p,n+2d+He3)Na22	-58698.58 keV
Si29(p,n+p+d+α)Na22	-40345.52 keV	Si29(p,n+2p+d+t)Na22	-60159.39 keV
Si29(p,2n+2p+α)Na22	-42570.09 keV	Si29(p,2n+p+d+He3)Na22	-60923.14 keV
Si29(p,d+t+He3)Na22	-52441.35 keV	Si29(p,4d)Na22	-61967.48 keV
Si29(p,2p+2t)Na22	-53902.16 keV	Si29(p,2n+3p+t)Na22	-62383.95 keV

<< 6-C-12	**14-Si-29**	16-S-33 >>
<< MT108 (p,2α)	**MT109 (p,3α) or MT5 (F18 production)**	MT111 (p,2p) >>

Si29 (p,3α) or F18 production log-log



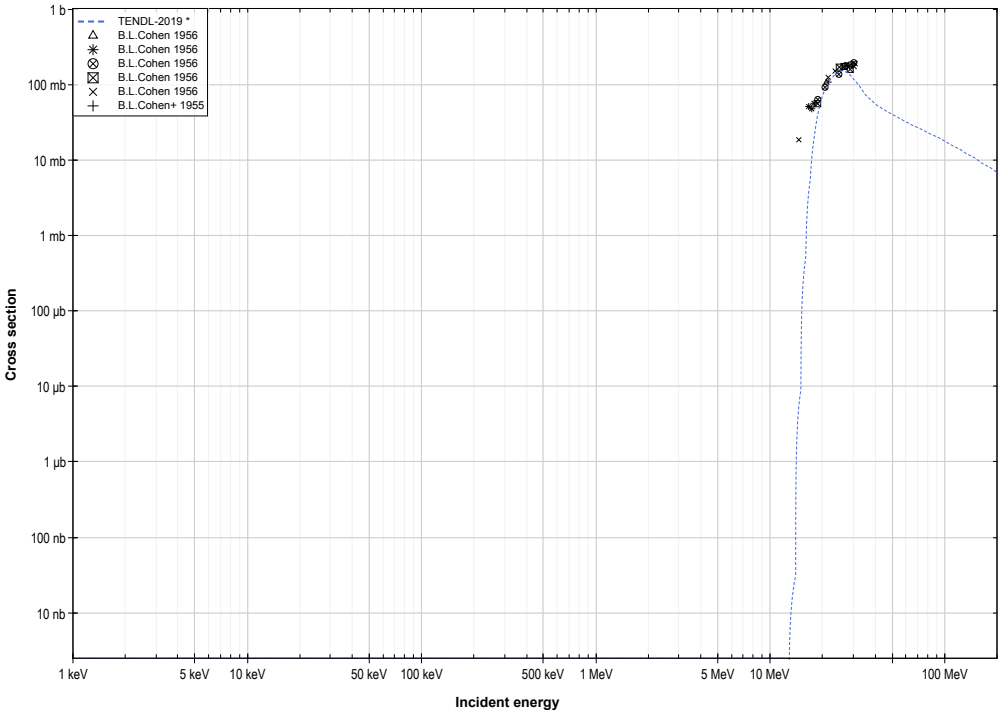
Si29 (p,3α) or F18 production lin-log



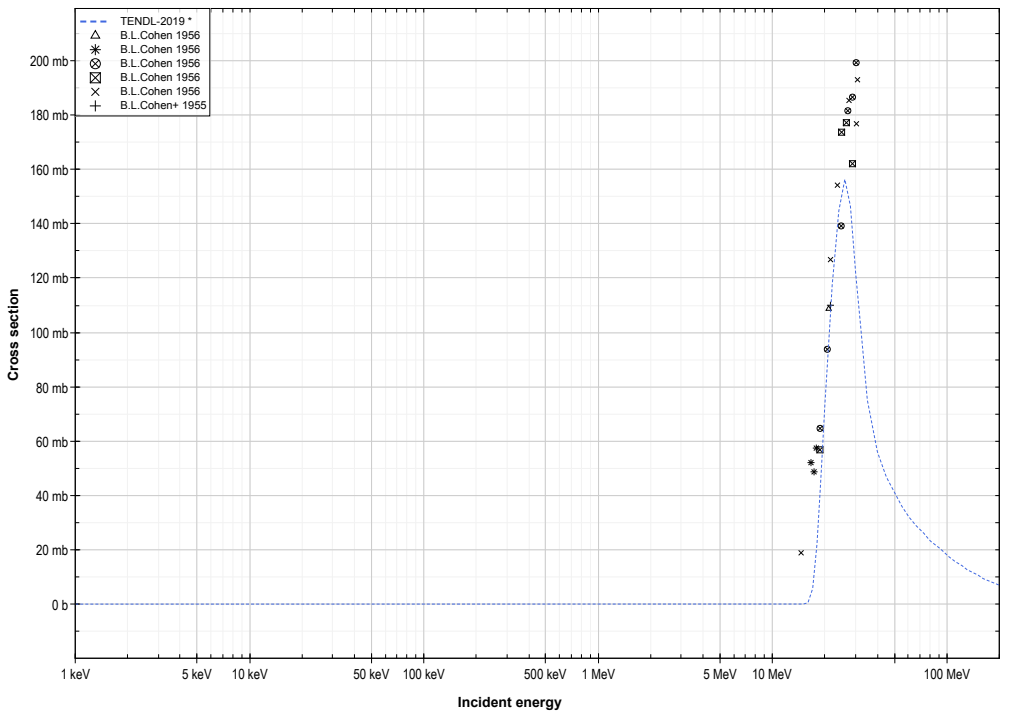
Reaction	Q-Value	Reaction	Q-Value
Si29(p,3α)F18	-22753.95 keV	Si29(p,n+p+t+He3+α)F18	-63145.44 keV
Si29(p,p+t+2α)F18	-42567.82 keV	Si29(p,2n+2He3+α)F18	-63909.19 keV
Si29(p,n+He3+2α)F18	-43331.57 keV	Si29(p,p+2d+t+α)F18	-66414.35 keV
Si29(p,2d+2α)F18	-46600.48 keV	Si29(p,n+2d+He3+α)F18	-67178.10 keV
Si29(p,n+p+d+2α)F18	-48825.05 keV	Si29(p,n+2p+d+t+α)F18	-68638.91 keV
Si29(p,2n+2p+2α)F18	-51049.61 keV	Si29(p,2n+p+d+He3+α)F18	-69402.67 keV
Si29(p,d+t+He3+α)F18	-60920.87 keV	Si29(p,4d+α)F18	-70447.01 keV
Si29(p,2p+2t+α)F18	-62381.68 keV	Si29(p,2n+3p+t+α)F18	-70863.48 keV

<< 14-Si-28	**14-Si-29**	14-Si-30 >>
<< MT109 (p,3α)	**MT111 (p,2p) or MT5 (Al28 production)**	14-Si-30 MT23 (p,n+3α) >>

Si29 (p,2p) or Al28 production log-log



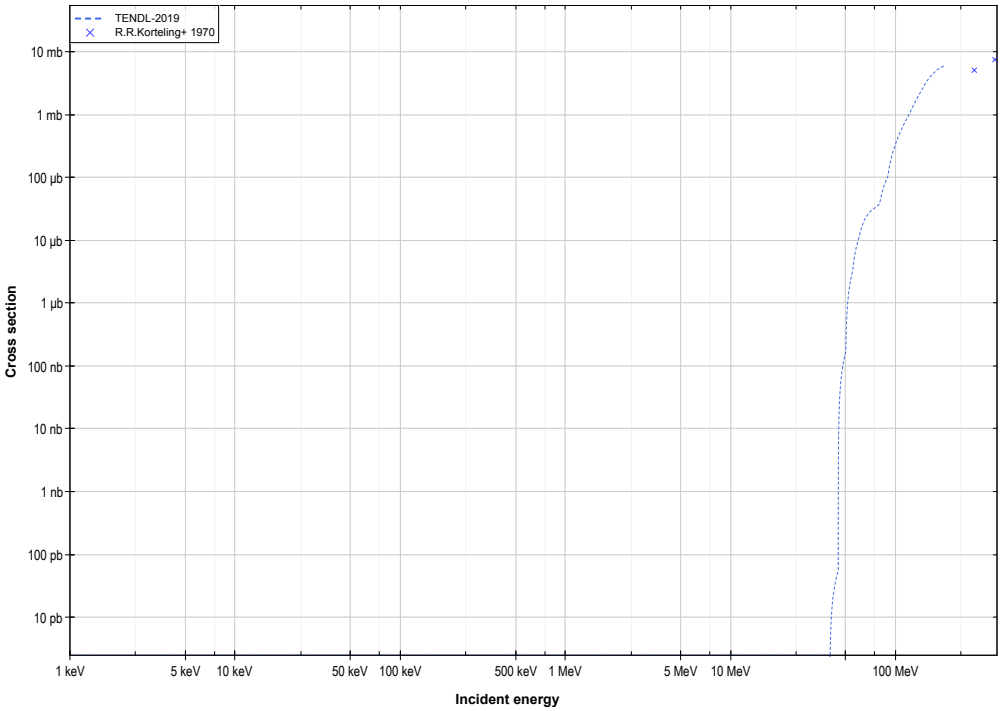
Si29 (p,2p) or Al28 production lin-log



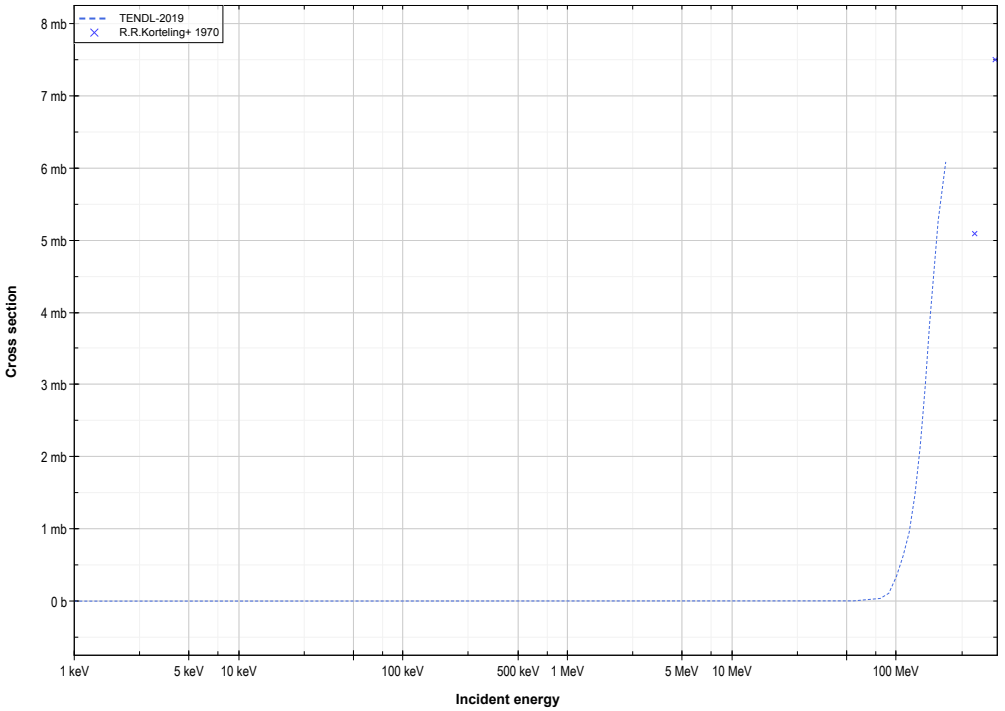
Reaction	Q-Value
Si29(p,2p)Al28	-12333.41 keV

<< 13-Al-27	**14-Si-30**	16-S-34 >>
<< 14-Si-29 MT111 (p,2p)	**MT23 (p,n+3α) or MT5 (F18 production)**	MT29 (p,n+2α) >>

Si30 (p,n+3α) or F18 production log-log



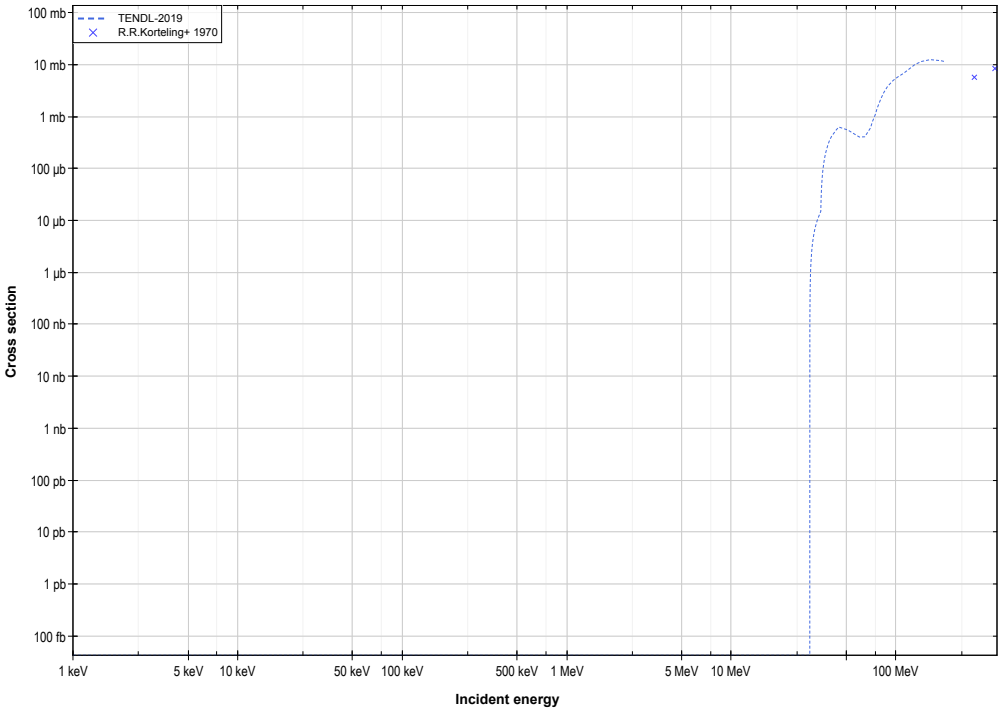
Si30 (p,n+3α) or F18 production lin-log



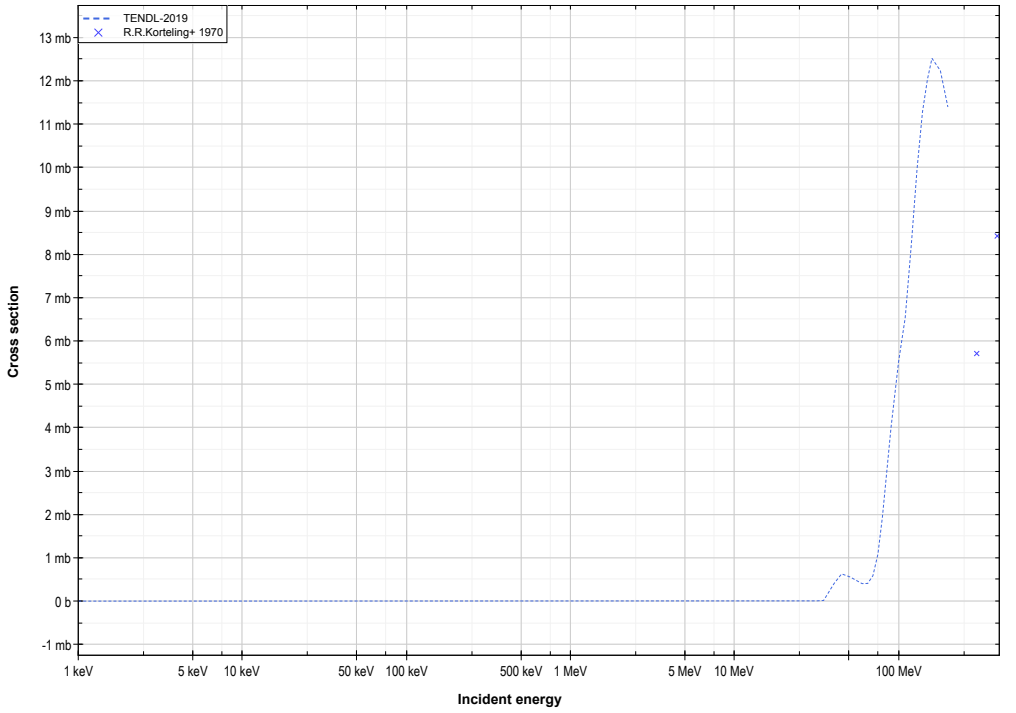
Reaction	Q-Value	Reaction	Q-Value
Si30(p,n+3α)F18	-33363.15 keV	Si30(p,p+d+2t+α)F18	-70766.32 keV
Si30(p,d+t+2α)F18	-50952.45 keV	Si30(p,n+d+t+He3+α)F18	-71530.07 keV
Si30(p,n+p+t+2α)F18	-53177.02 keV	Si30(p,n+2p+2t+α)F18	-72990.88 keV
Si30(p,2n+He3+2α)F18	-53940.77 keV	Si30(p,2n+p+t+He3+α)F18	-73754.64 keV
Si30(p,n+2d+2α)F18	-57209.68 keV	Si30(p,3n+2He3+α)F18	-74518.39 keV
Si30(p,2n+p+d+2α)F18	-59434.25 keV	Si30(p,3d+t+α)F18	-74798.98 keV
Si30(p,3n+2p+2α)F18	-61658.81 keV	Si30(p,n+p+2d+t+α)F18	-77023.55 keV
Si30(p,2t+He3+α)F18	-65272.84 keV	Si30(p,2n+2d+He3+α)F18	-77787.30 keV

<< 14-Si-28	**14-Si-30**	22-Ti-50 >>
<< MT23 (p,n+3α)	**MT29 (p,n+2α) or MT5 (Na22 production)**	MT111 (p,2p) >>

Si30 (p,n+2α) or Na22 production log-log



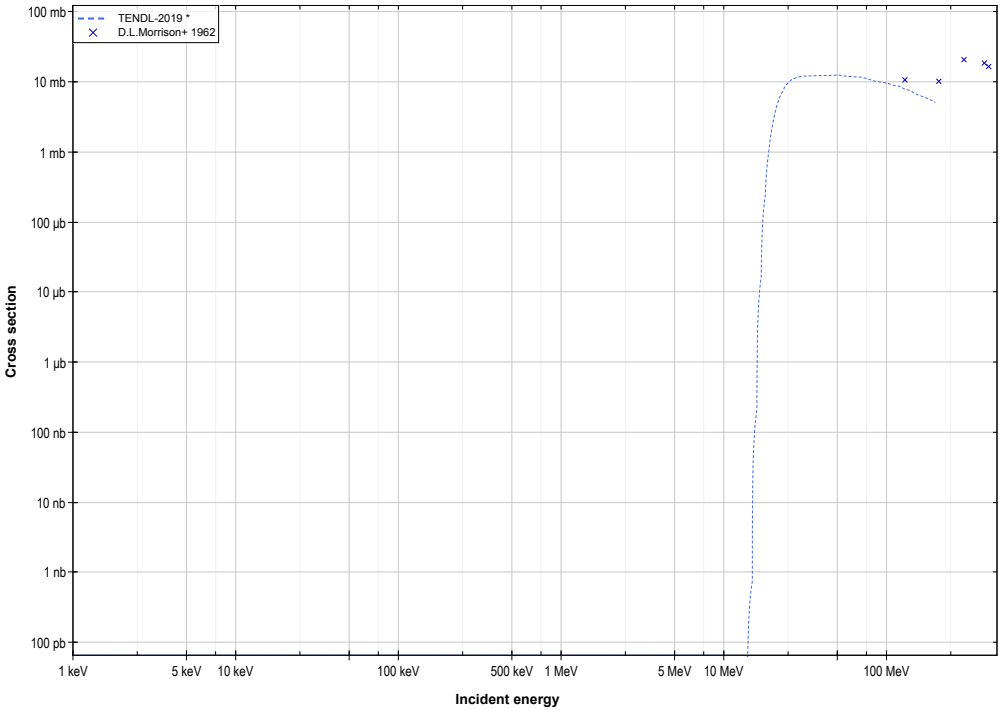
Si30 (p,n+2α) or Na22 production lin-log



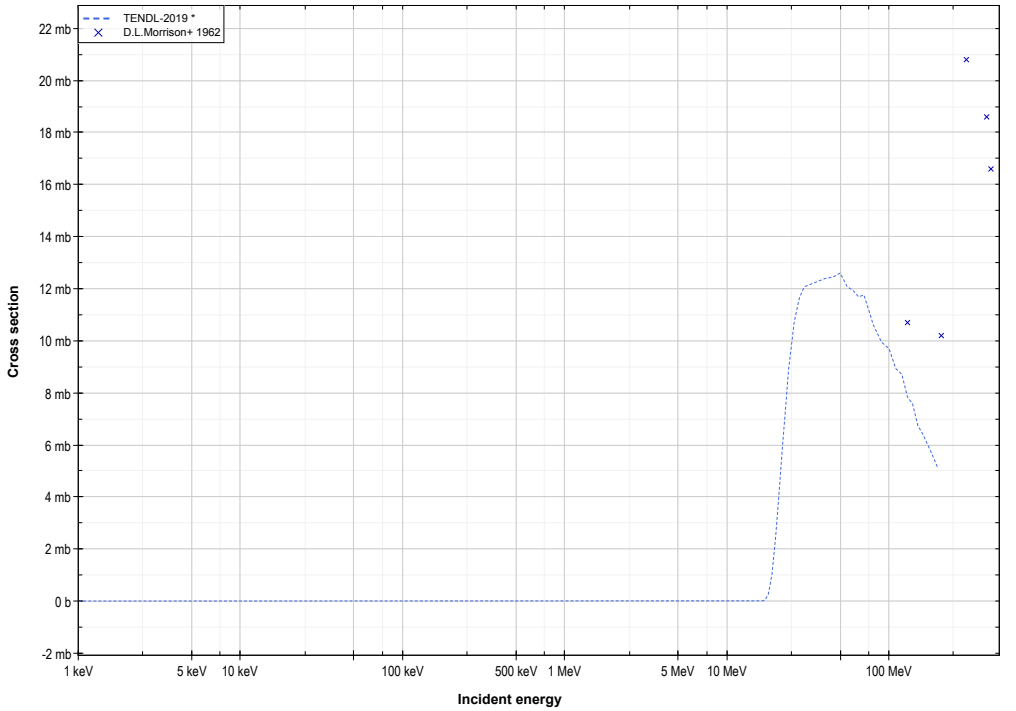
Reaction	Q-Value	Reaction	Q-Value
Si30(p,n+2α)Na22	-24883.63 keV	Si30(p,p+d+2t)Na22	-62286.79 keV
Si30(p,d+t+α)Na22	-42472.93 keV	Si30(p,n+d+t+He3)Na22	-63050.55 keV
Si30(p,n+p+t+α)Na22	-44697.49 keV	Si30(p,n+2p+2t)Na22	-64511.36 keV
Si30(p,2n+He3+α)Na22	-45461.25 keV	Si30(p,2n+p+t+He3)Na22	-65275.11 keV
Si30(p,n+2d+α)Na22	-48730.16 keV	Si30(p,3n+2He3)Na22	-66038.87 keV
Si30(p,2n+p+d+α)Na22	-50954.72 keV	Si30(p,3d+t)Na22	-66319.45 keV
Si30(p,3n+2p+α)Na22	-53179.29 keV	Si30(p,n+p+2d+t)Na22	-68544.02 keV
Si30(p,2t+He3)Na22	-56793.32 keV	Si30(p,2n+2d+He3)Na22	-69307.77 keV

<< 14-Si-29	**14-Si-30**	18-Ar-40 >>
<< MT29 (p,n+2α)	**MT111 (p,2p) or MT5 (Al29 production)**	MT193 (p,³He+α) >>

Si30 (p,2p) or Al29 production log-log



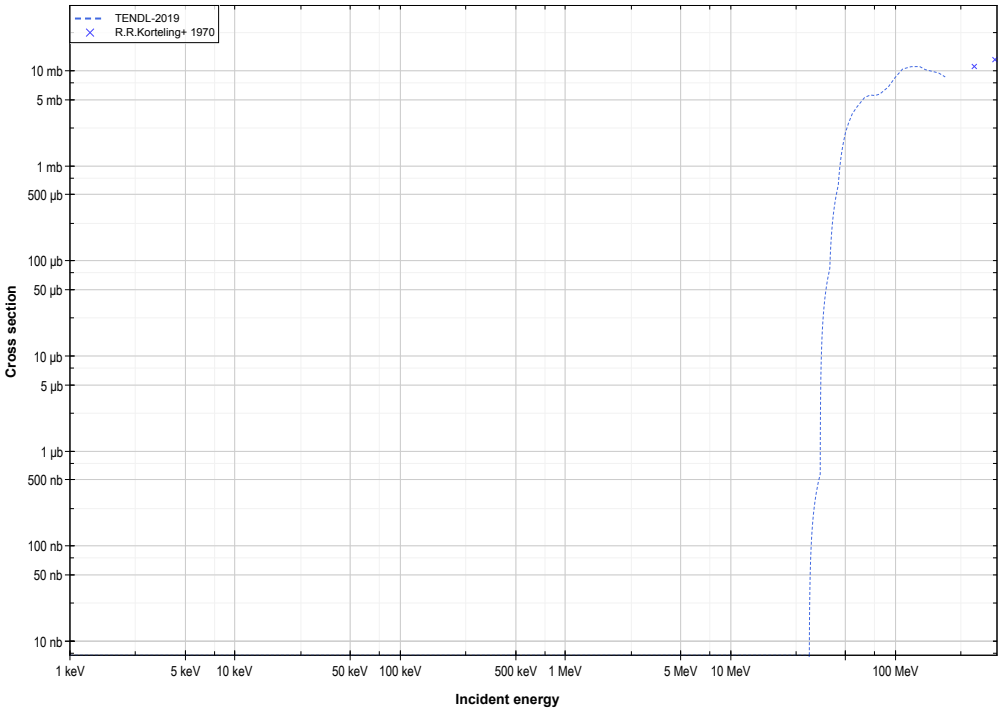
Si30 (p,2p) or Al29 production lin-log



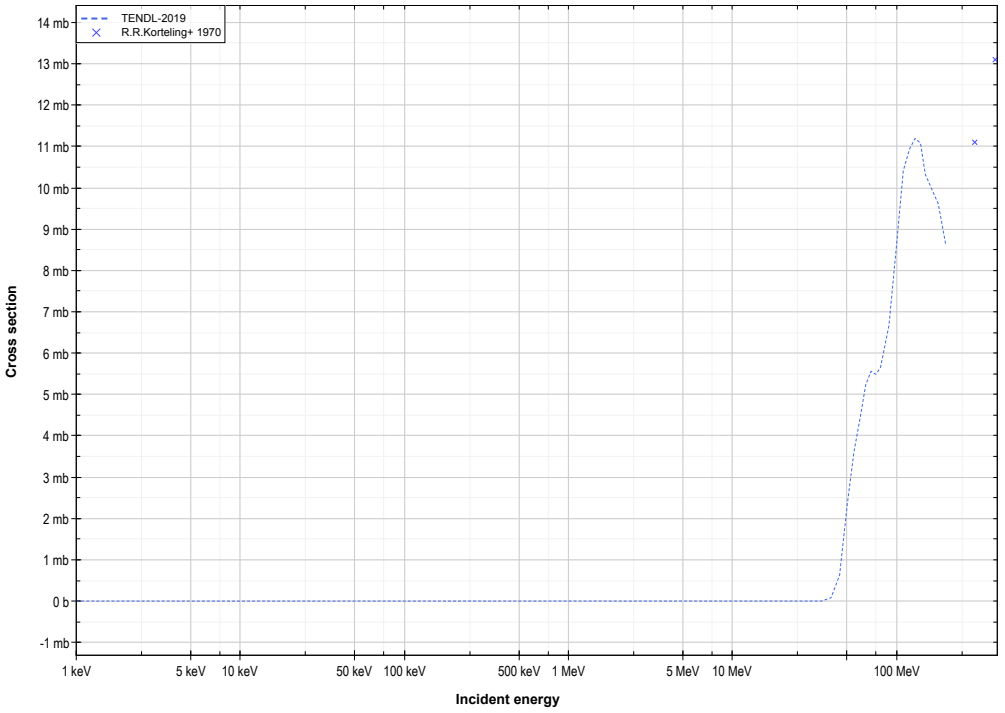
Reaction	Q-Value
Si30(p,2p)Al29	-13514.13 keV

<< 14-Si-28	**14-Si-30**	28-Ni-60 >>
<< MT111 (p,2p)	**MT193 (p,³He+α) or MT5 (Na24 production)**	MT197 (p,3p) >>

Si30 (p,³He+α) or Na24 production log-log



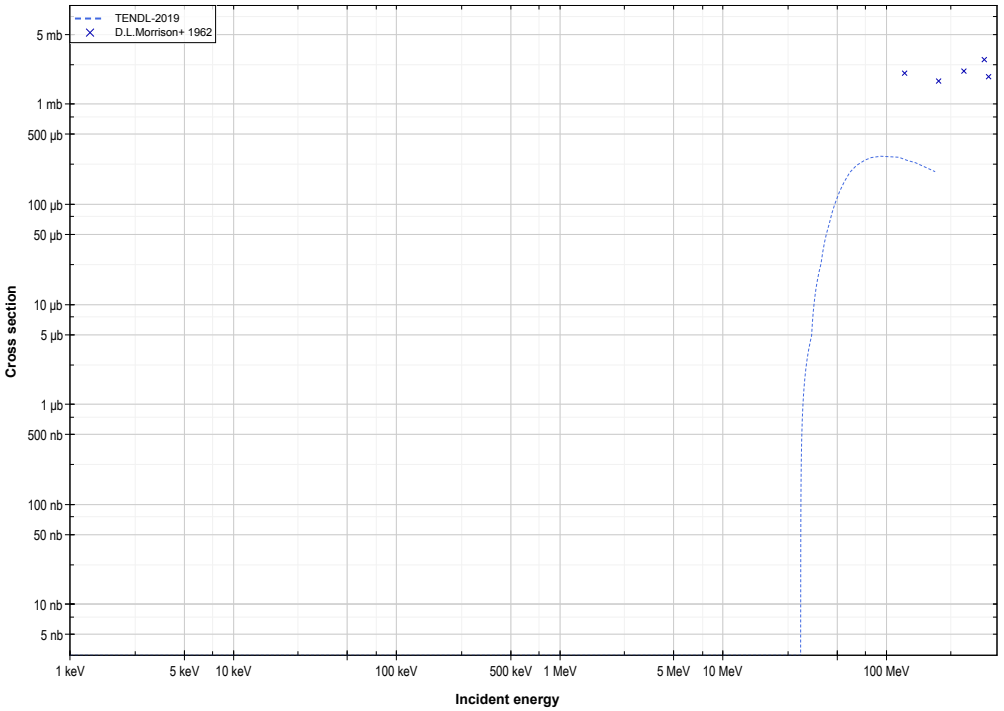
Si30 (p,³He+α) or Na24 production lin-log



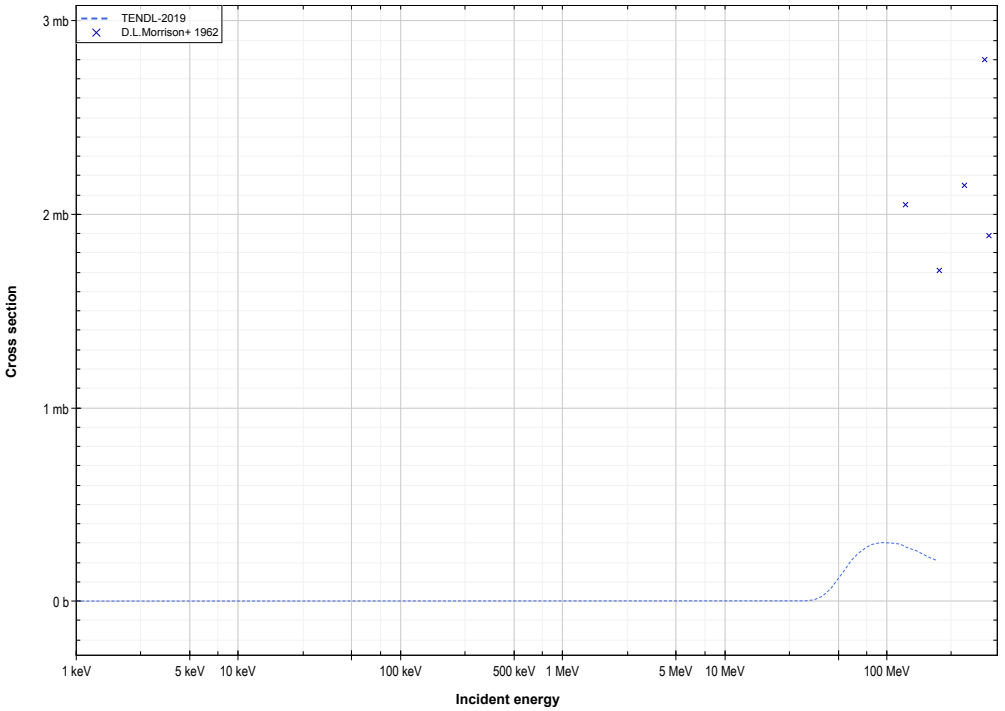
Reaction	Q-Value	Reaction	Q-Value
Si30(p,He3+α)Na24	-26082.22 keV	Si30(p,n+3p+t)Na24	-53614.13 keV
Si30(p,p+d+α)Na24	-31575.70 keV	Si30(p,2n+2p+He3)Na24	-54377.88 keV
Si30(p,n+2p+α)Na24	-33800.26 keV	Si30(p,p+3d)Na24	-55422.22 keV
Si30(p,p+t+He3)Na24	-45896.09 keV	Si30(p,n+2p+2d)Na24	-57646.79 keV
Si30(p,n+2He3)Na24	-46659.84 keV	Si30(p,2n+3p+d)Na24	-59871.36 keV
Si30(p,2d+He3)Na24	-49928.75 keV	Si30(p,3n+4p)Na24	-62095.92 keV
Si30(p,2p+d+t)Na24	-51389.56 keV		
Si30(p,n+p+d+He3)Na24	-52153.32 keV		

<< 14-Si-28	**14-Si-30**	15-P-31 >>
<< MT193 (p,³He+α)	**MT197 (p,3p) or MT5 (Mg28 production)**	MT199 (p,3n+2p+α) >>

Si30 (p,3p) or Mg28 production log-log



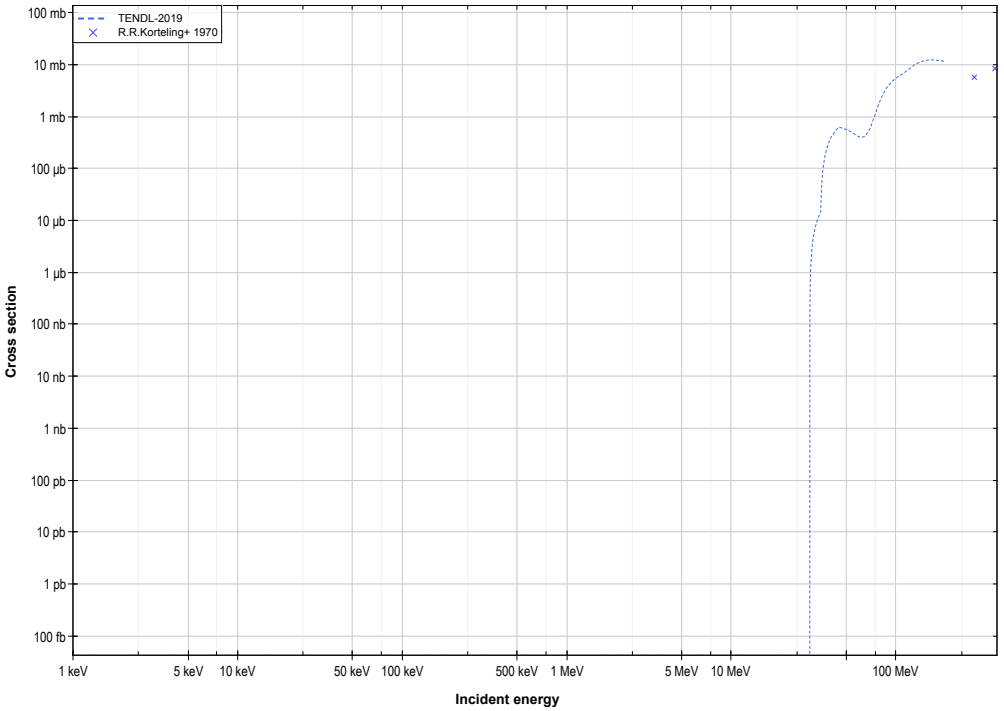
Si30 (p,3p) or Mg28 production lin-log



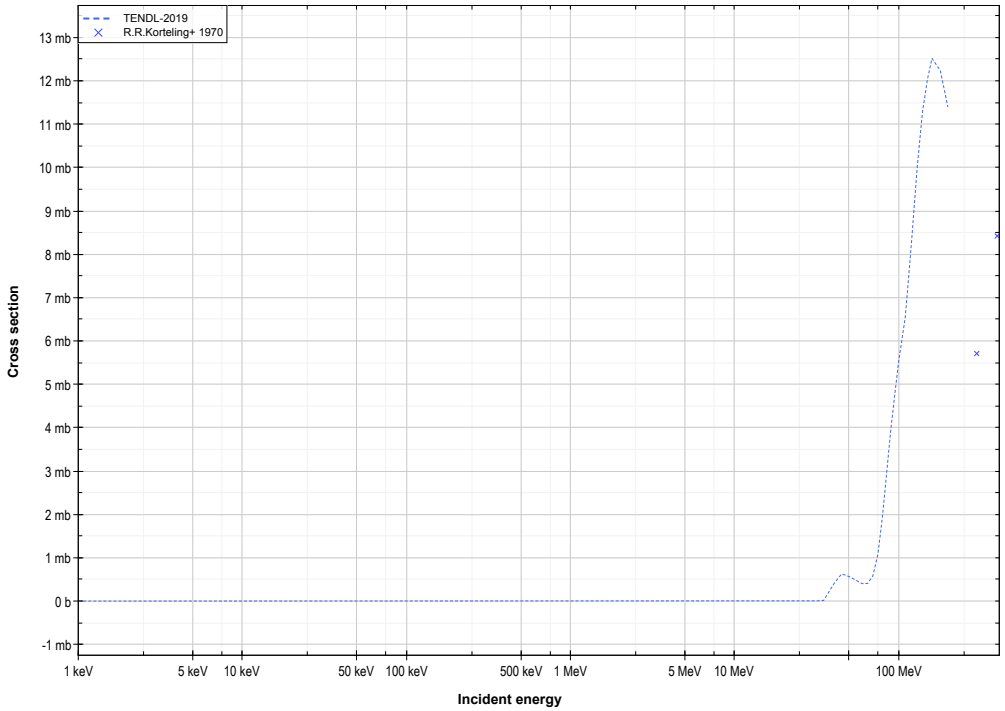
Reaction	Q-Value
Si30(p,3p)Mg28	-23992.10 keV

<< 14-Si-28	**14-Si-30**	27-Co-59 >>
<< MT197 (p,3p)	**MT199 (p,3n+2p+α) or MT5 (Na22 production)**	15-P-31 MT114 (p,d+2α) >>

Si30 (p,3n+2p+α) or Na22 production log-log



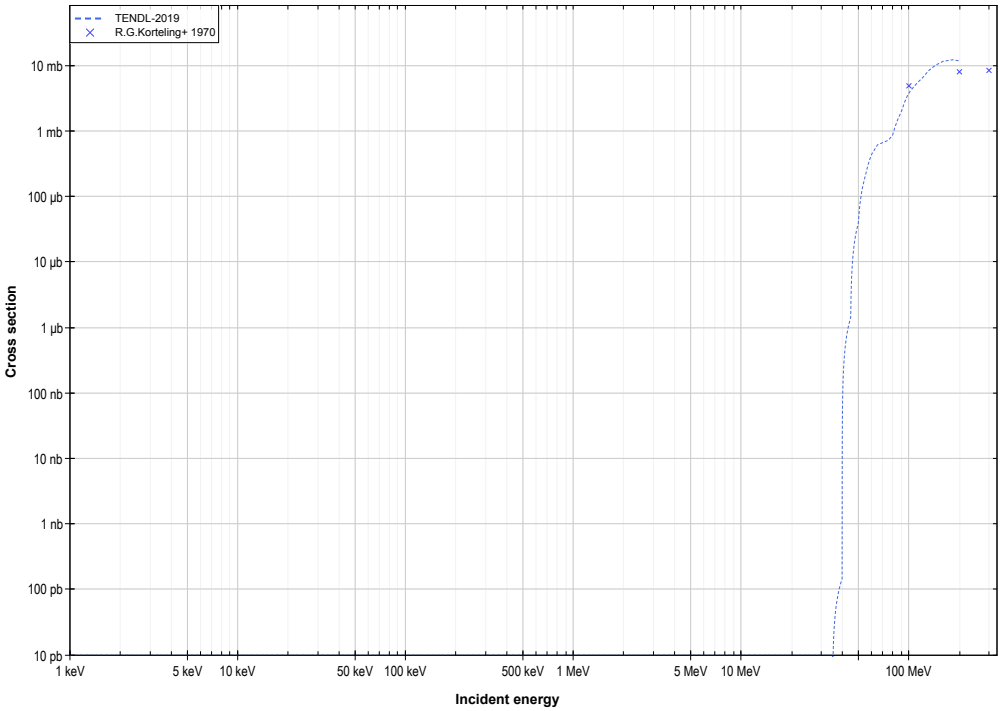
Si30 (p,3n+2p+α) or Na22 production lin-log



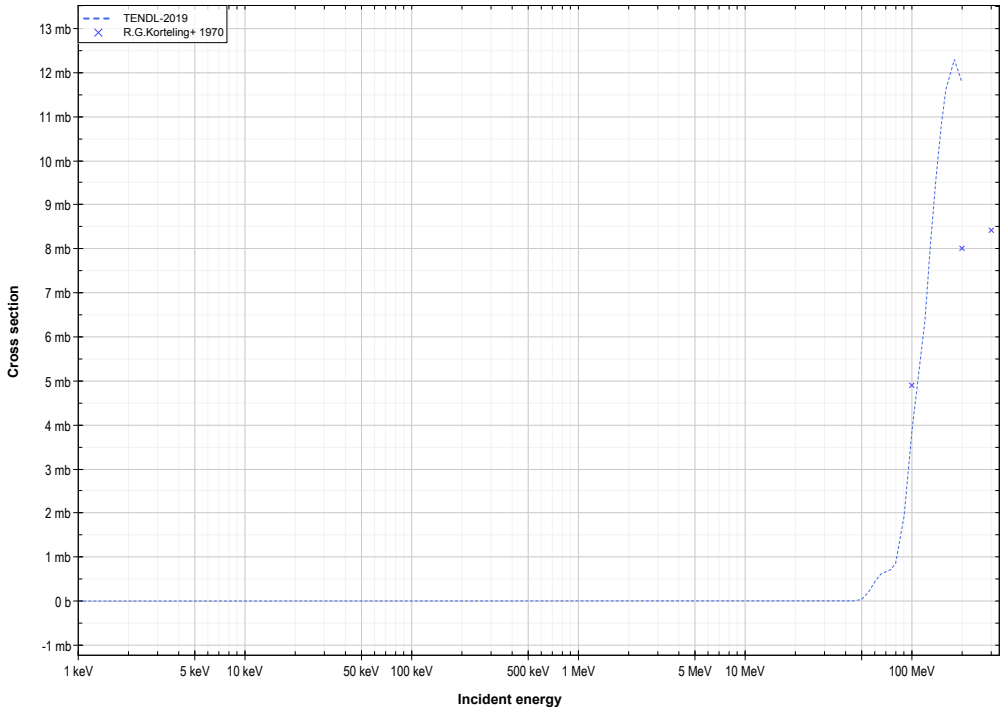
Reaction	Q-Value	Reaction	Q-Value
Si30(p,n+2α)Na22	-24883.63 keV	Si30(p,p+d+2t)Na22	-62286.79 keV
Si30(p,d+t+α)Na22	-42472.93 keV	Si30(p,n+d+t+He3)Na22	-63050.55 keV
Si30(p,n+p+t+α)Na22	-44697.49 keV	Si30(p,n+2p+2t)Na22	-64511.36 keV
Si30(p,2n+He3+α)Na22	-45461.25 keV	Si30(p,2n+p+t+He3)Na22	-65275.11 keV
Si30(p,n+2d+α)Na22	-48730.16 keV	Si30(p,3n+2He3)Na22	-66038.87 keV
Si30(p,2n+p+d+α)Na22	-50954.72 keV	Si30(p,3d+t)Na22	-66319.45 keV
Si30(p,3n+2p+α)Na22	-53179.29 keV	Si30(p,n+p+2d+t)Na22	-68544.02 keV
Si30(p,2t+He3)Na22	-56793.32 keV	Si30(p,2n+2d+He3)Na22	-69307.77 keV

<< 13-Al-27	**15-P-31**	23-V-51 >>
<< 14-Si-30 MT199 (p,3n+2p+α)	**MT114 (p,d+2α) or MT5 (Na22 production)**	MT197 (p,3p) >>

P31 (p,d+2α) or Na22 production log-log



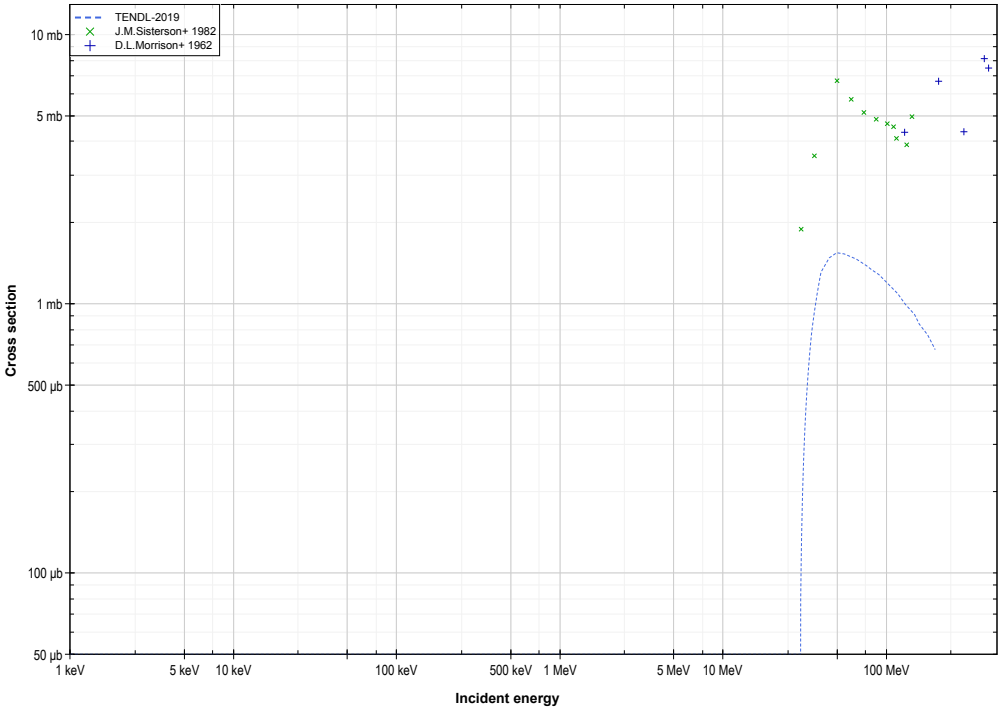
P31 (p,d+2α) or Na22 production lin-log



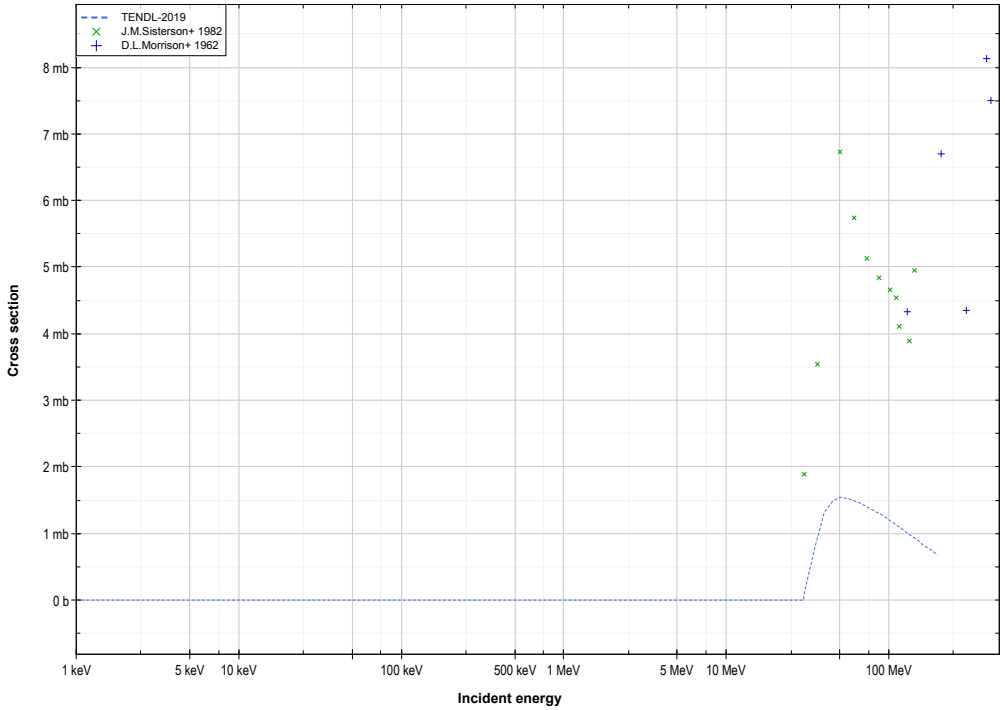
Reaction	Q-Value	Reaction	Q-Value
P31(p,d+2α)Na22	-29955.61 keV	P31(p,n+p+2d+α)Na22	-56026.71 keV
P31(p,n+p+2α)Na22	-32180.18 keV	P31(p,2n+2p+d+α)Na22	-58251.27 keV
P31(p,t+He3+α)Na22	-44276.00 keV	P31(p,3n+3p+α)Na22	-60475.84 keV
P31(p,p+d+t+α)Na22	-49769.48 keV	P31(p,p+2t+He3)Na22	-64089.87 keV
P31(p,n+d+He3+α)Na22	-50533.23 keV	P31(p,n+t+2He3)Na22	-64853.62 keV
P31(p,n+2p+t+α)Na22	-51994.04 keV	P31(p,2d+t+He3)Na22	-68122.53 keV
P31(p,2n+p+He3+α)Na22	-52757.80 keV	P31(p,2p+d+2t)Na22	-69583.34 keV
P31(p,3d+α)Na22	-53802.14 keV	P31(p,n+p+d+t+He3)Na22	-70347.10 keV

<< 14-Si-30	**15-P-31**	20-Ca-40 >>
<< MT114 (p,d+2α)	**MT197 (p,3p) or MT5 (Al29 production)**	16-S-33 MT109 (p,3α) >>

P31 (p,3p) or Al29 production log-log



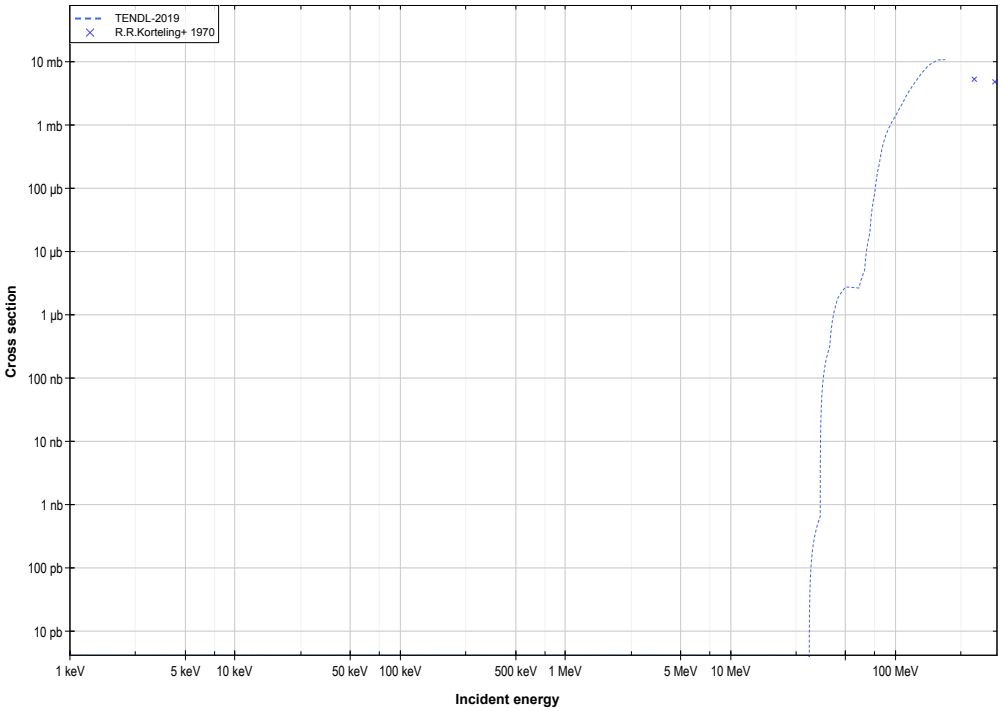
P31 (p,3p) or Al29 production lin-log



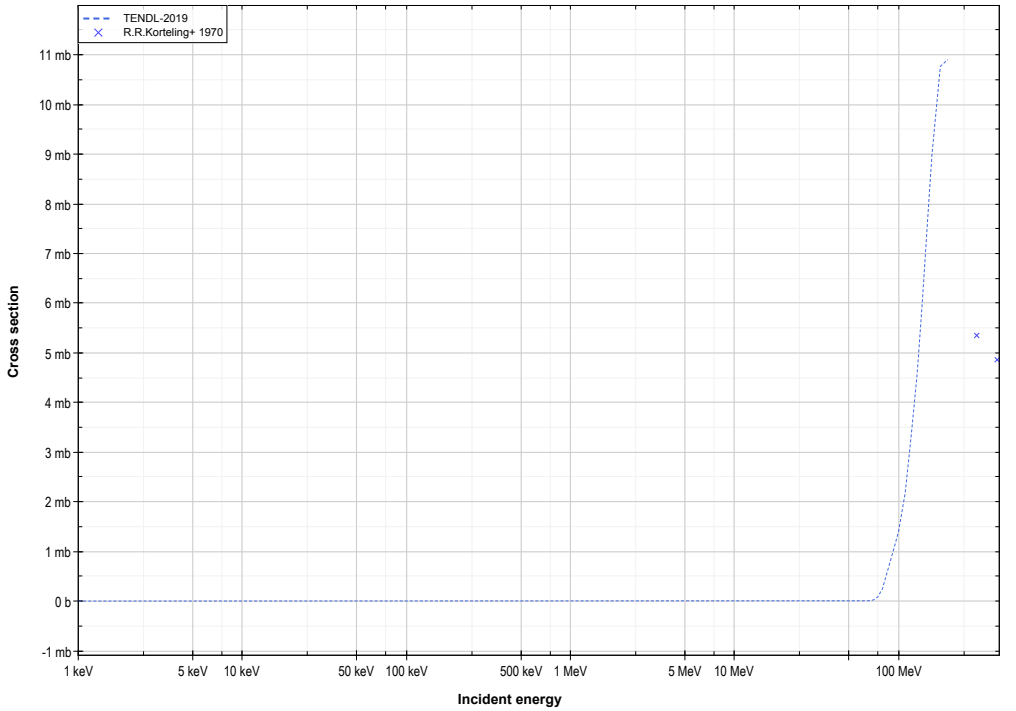
Reaction	Q-Value
P31(p,3p)Al29	-20810.68 keV

<< 14-Si-29	**16-S-33**	22-Ti-50 >>
<< 15-P-31 MT197 (p,3p)	**MT109 (p,3α) or MT5 (Na22 production)**	16-S-34 MT4 (p,n) >>

S33 (p,3α) or Na22 production log-log



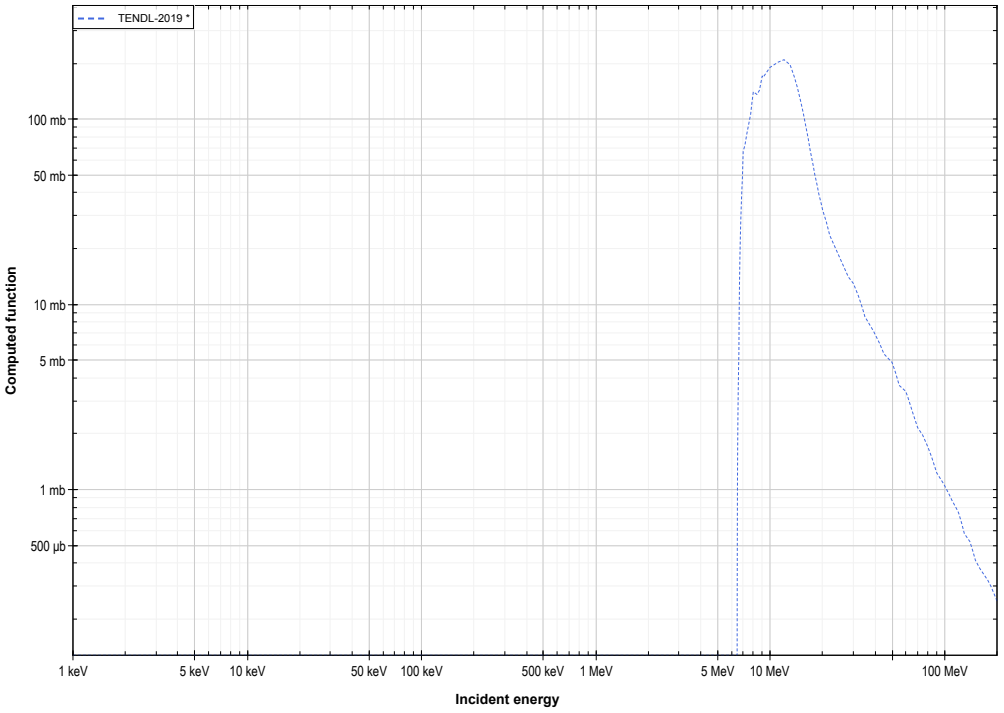
S33 (p,3α) or Na22 production lin-log



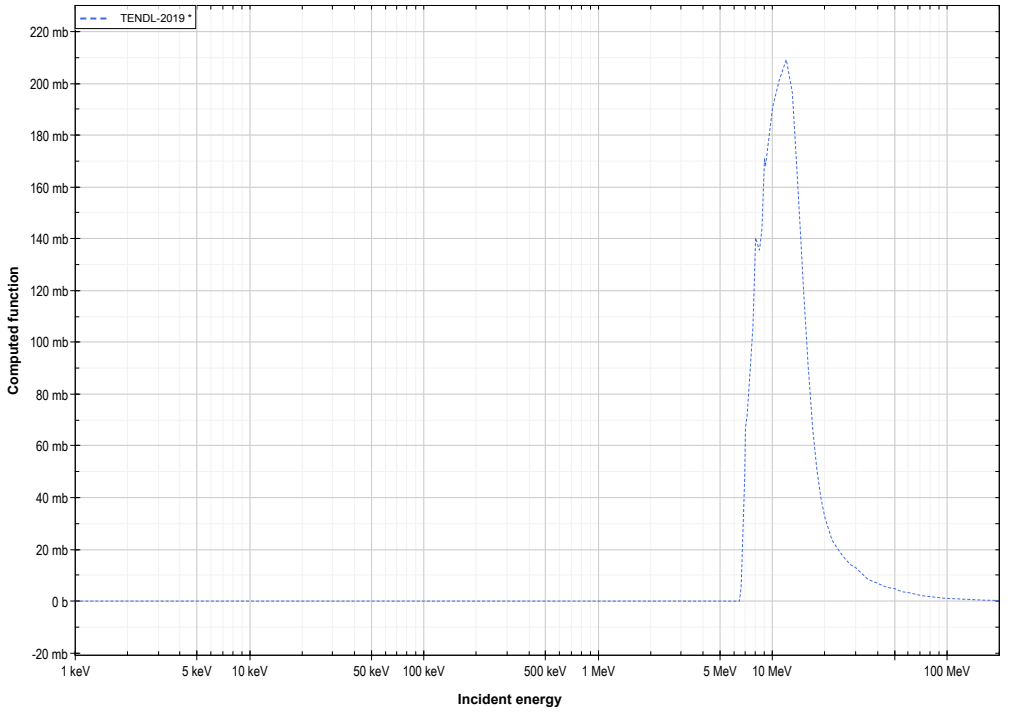
Reaction	Q-Value	Reaction	Q-Value
S33(p,3α)Na22	-21390.12 keV	S33(p,n+p+t+He3+α)Na22	-61781.60 keV
S33(p,p+t+2α)Na22	-41203.99 keV	S33(p,2n+2He3+α)Na22	-62545.36 keV
S33(p,n+He3+2α)Na22	-41967.74 keV	S33(p,p+2d+t+α)Na22	-65050.51 keV
S33(p,2d+2α)Na22	-45236.65 keV	S33(p,n+2d+He3+α)Na22	-65814.27 keV
S33(p,n+p+d+2α)Na22	-47461.21 keV	S33(p,n+2p+d+t+α)Na22	-67275.08 keV
S33(p,2n+2p+2α)Na22	-49685.78 keV	S33(p,2n+p+d+He3+α)Na22	-68038.83 keV
S33(p,d+t+He3+α)Na22	-59557.04 keV	S33(p,4d+α)Na22	-69083.18 keV
S33(p,2p+2t+α)Na22	-61017.85 keV	S33(p,2n+3p+t+α)Na22	-69499.65 keV

<< 13-Al-27	**16-S-34**	17-Cl-37 >>
<< 16-S-33 MT109 (p,3α)	**MT4 (p,n) or MT5 (Cl34 production)**	MT23 (p,n+3α) >>

S34 (p,n) or Cl34 production log-log



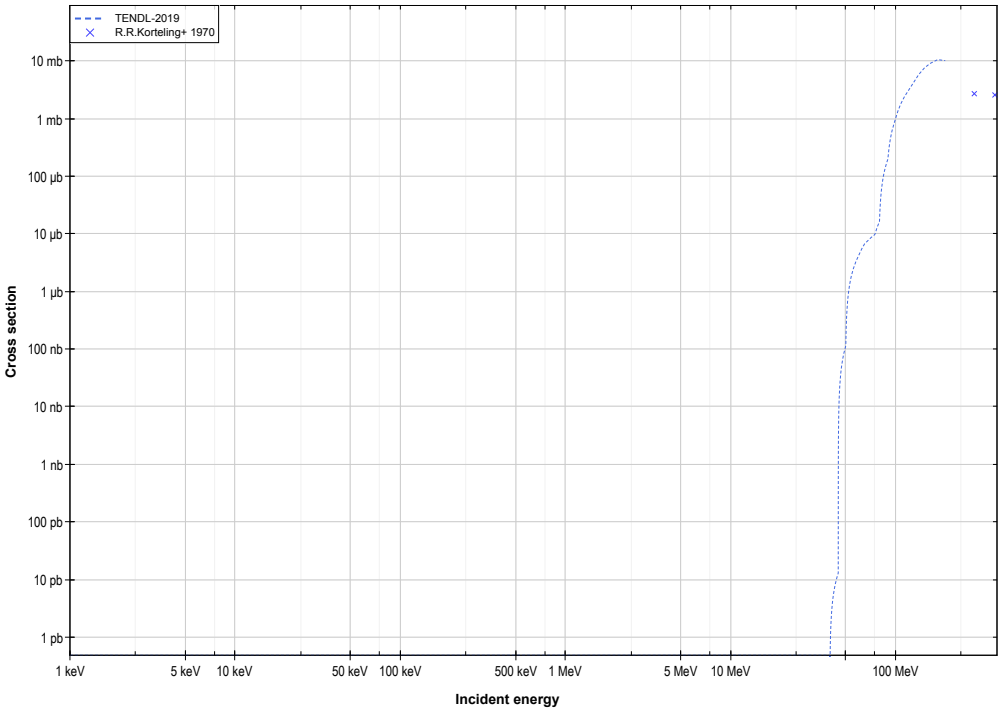
S34 (p,n) or Cl34 production lin-log



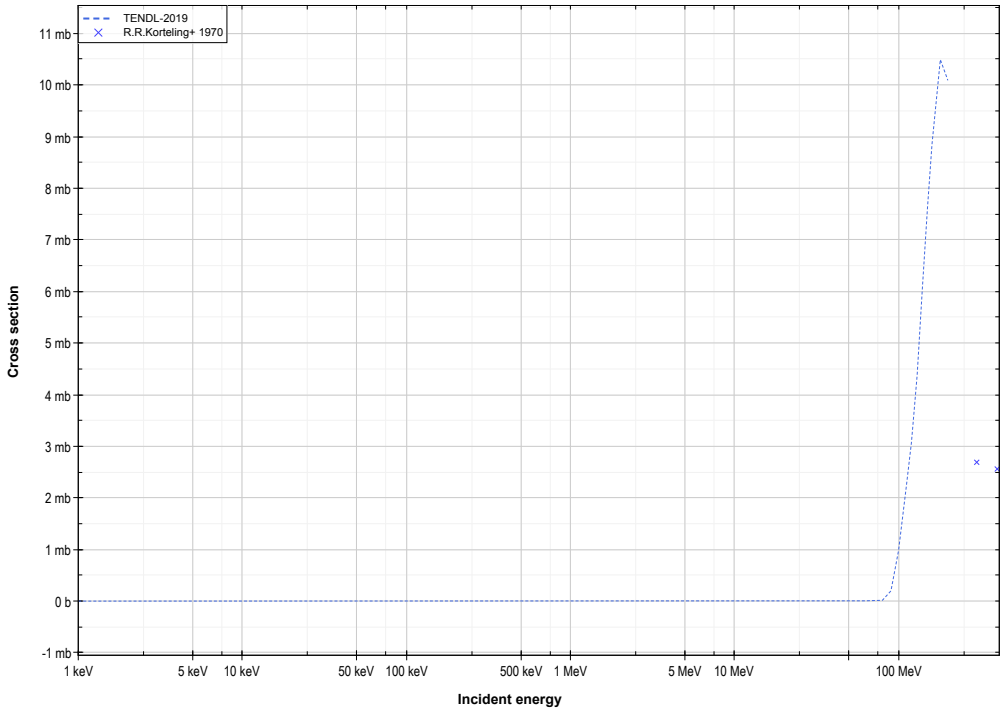
Reaction	Q-Value
S34(p,n)Cl34	-6273.96 keV

<< 14-Si-30	**16-S-34**	22-Ti-50 >>
<< MT4 (p,n)	**MT23 (p,n+3α) or MT5 (Na22 production)**	17-Cl-37 MT4 (p,n) >>

S34 (p,n+3α) or Na22 production log-log



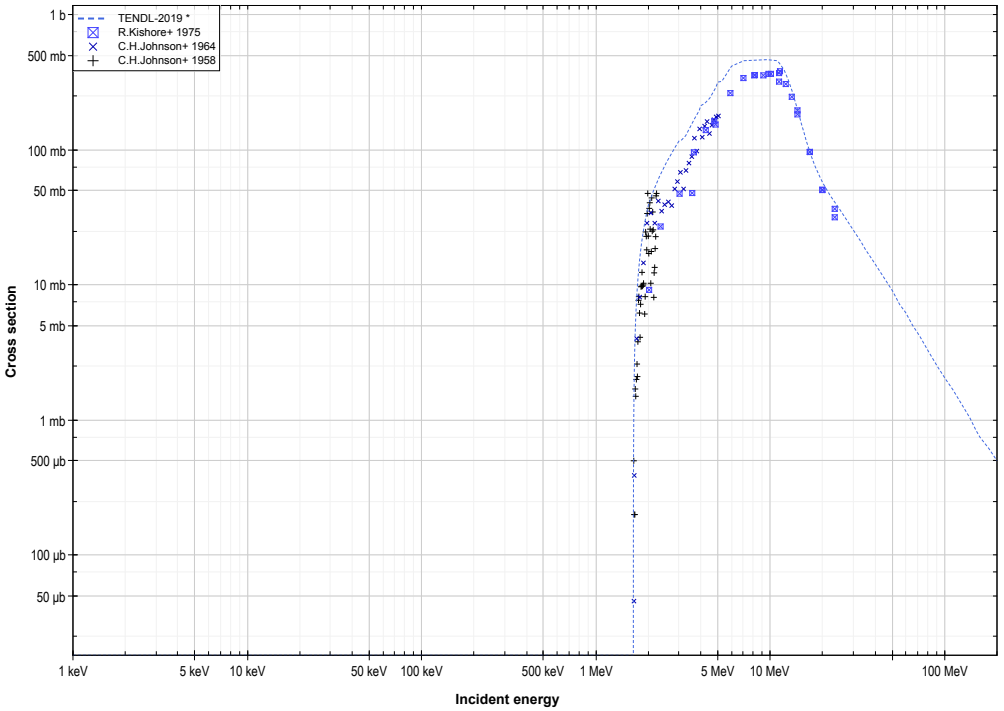
S34 (p,n+3α) or Na22 production lin-log



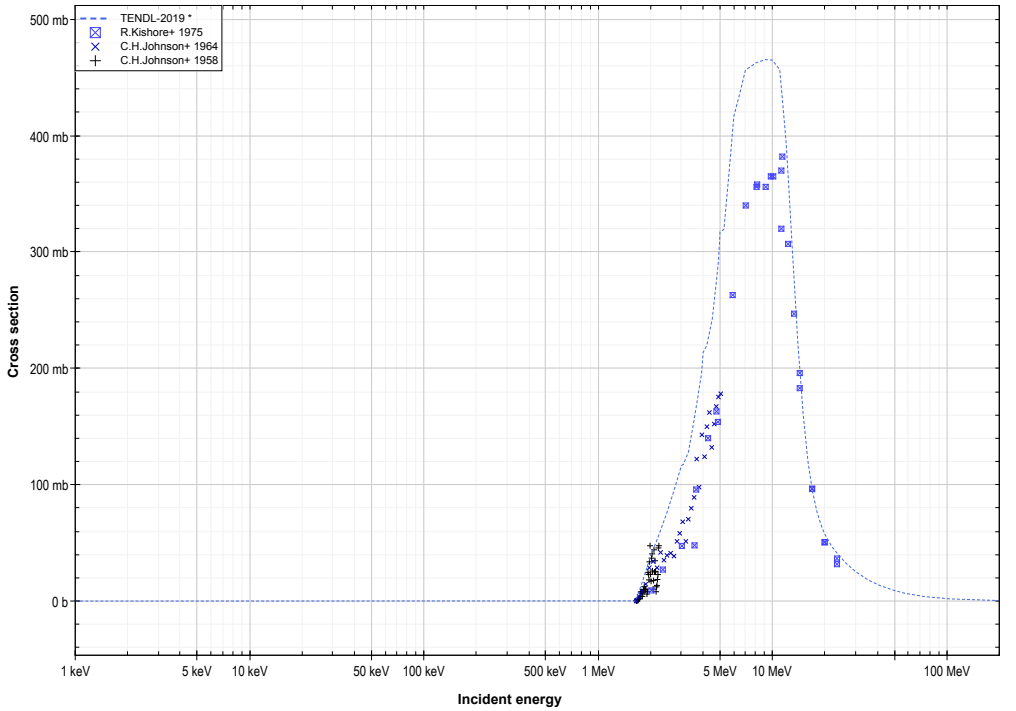
Reaction	Q-Value	Reaction	Q-Value
S34(p,n+3α)Na22	-32807.27 keV	S34(p,p+d+2t+α)Na22	-70210.44 keV
S34(p,d+t+2α)Na22	-50396.57 keV	S34(p,n+d+t+He3+α)Na22	-70974.19 keV
S34(p,n+p+t+2α)Na22	-52621.14 keV	S34(p,n+2p+2t+α)Na22	-72435.00 keV
S34(p,2n+He3+2α)Na22	-53384.89 keV	S34(p,2n+p+t+He3+α)Na22	-73198.76 keV
S34(p,n+2d+2α)Na22	-56653.80 keV	S34(p,3n+2He3+α)Na22	-73962.51 keV
S34(p,2n+p+d+2α)Na22	-58878.37 keV	S34(p,3d+t+α)Na22	-74243.10 keV
S34(p,3n+2p+2α)Na22	-61102.93 keV	S34(p,n+p+2d+t+α)Na22	-76467.67 keV
S34(p,2t+He3+α)Na22	-64716.96 keV	S34(p,2n+2d+He3+α)Na22	-77231.42 keV

<< 16-S-34	**17-Cl-37**	18-Ar-38 >>
<< 16-S-34 MT23 (p,n+3α)	**MT4 (p,n) or MT5 (Ar37 production)**	18-Ar-38 MT4 (p,n) >>

Cl37 (p,n) or Ar37 production log-log



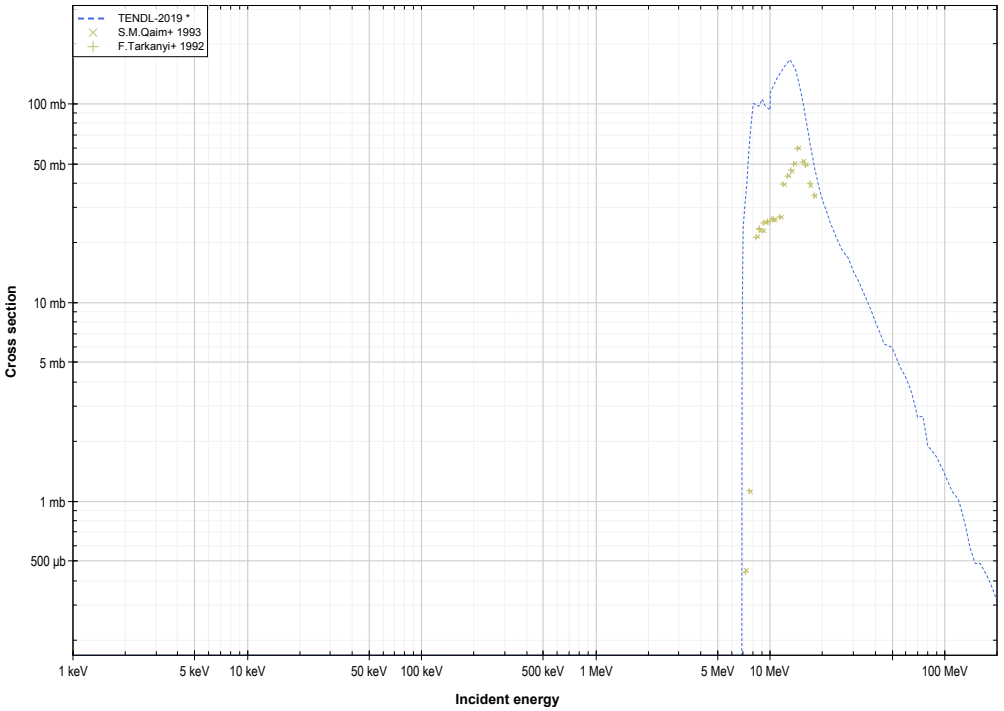
Cl37 (p,n) or Ar37 production lin-log



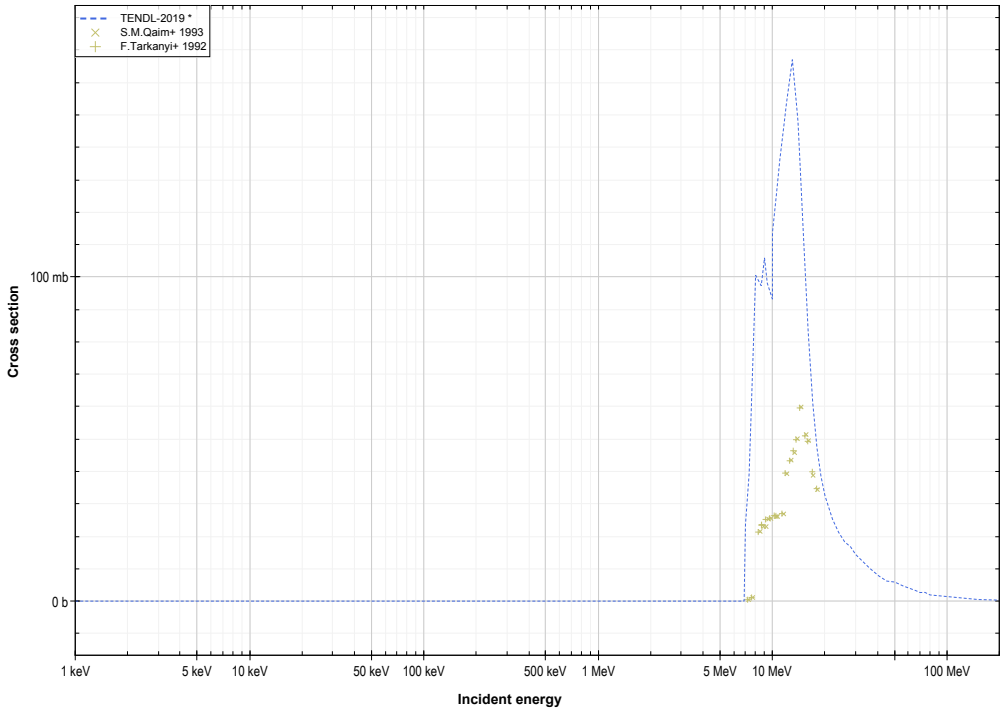
Reaction	Q-Value
Cl37(p,n)Ar37	-1596.23 keV

<< 17-Cl-37	**18-Ar-38**	19-K-39 >>
<< 17-Cl-37 MT4 (p,n)	**MT4 (p,n) or MT5 (K38 production)**	18-Ar-40 MT17 (p,3n) >>

Ar38 (p,n) or K38 production log-log



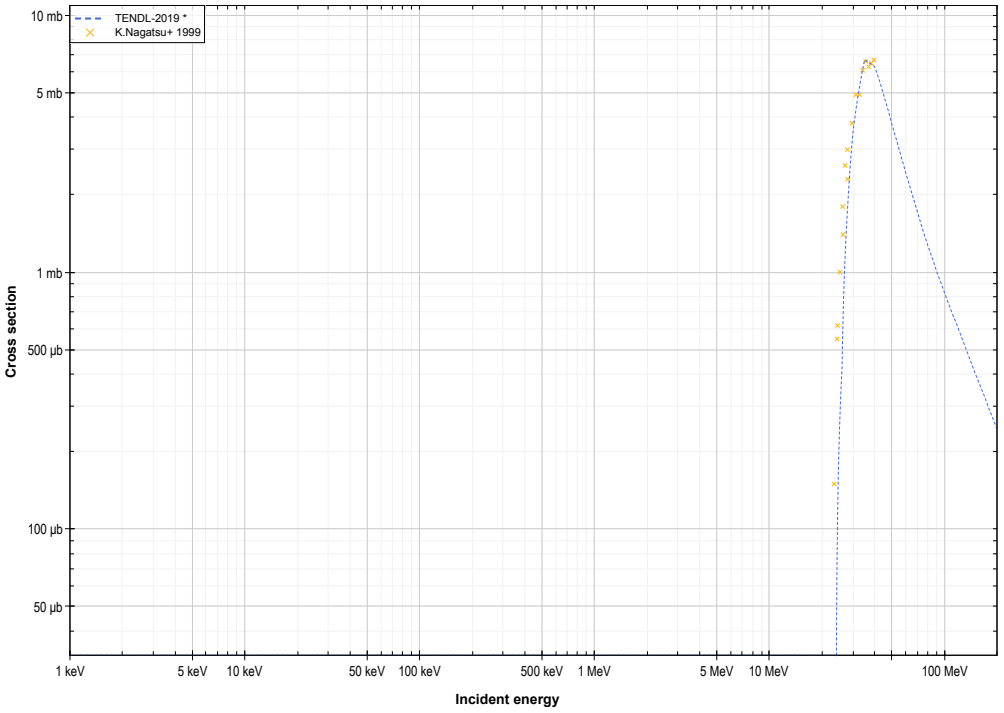
Ar38 (p,n) or K38 production lin-log



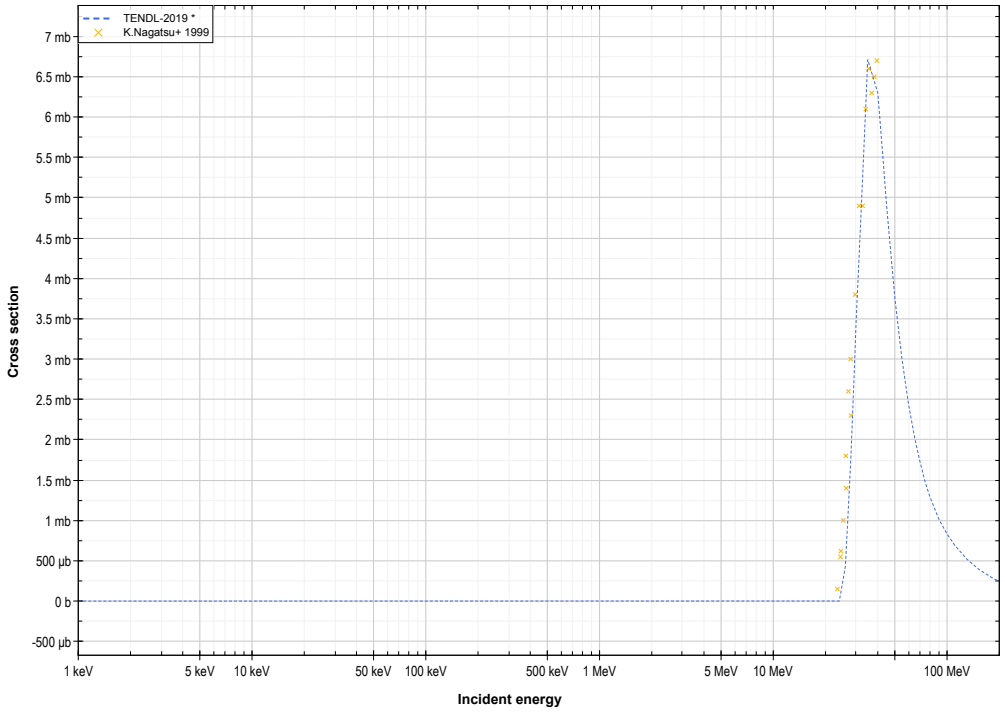
Reaction	Q-Value
Ar38(p,n)K38	-6696.42 keV

	18-Ar-40	23-V-51 >>
<< 18-Ar-38 MT4 (p,n)	**MT17 (p,3n) or MT5 (K38 production)**	MT22 (p,n+α) >>

Ar40 (p,3n) or K38 production log-log



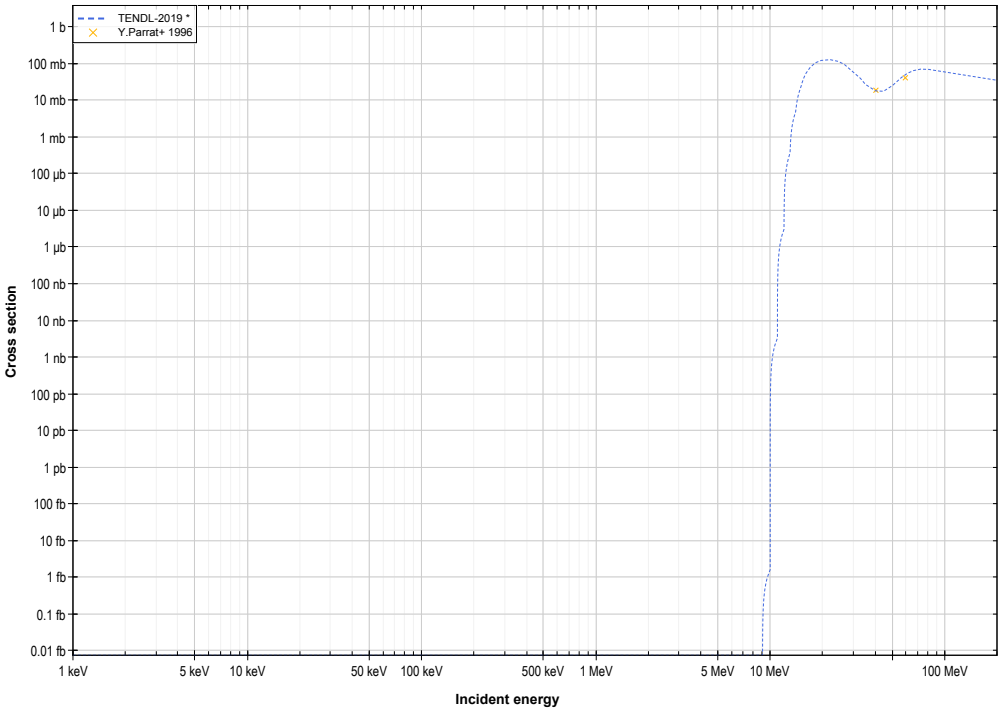
Ar40 (p,3n) or K38 production lin-log



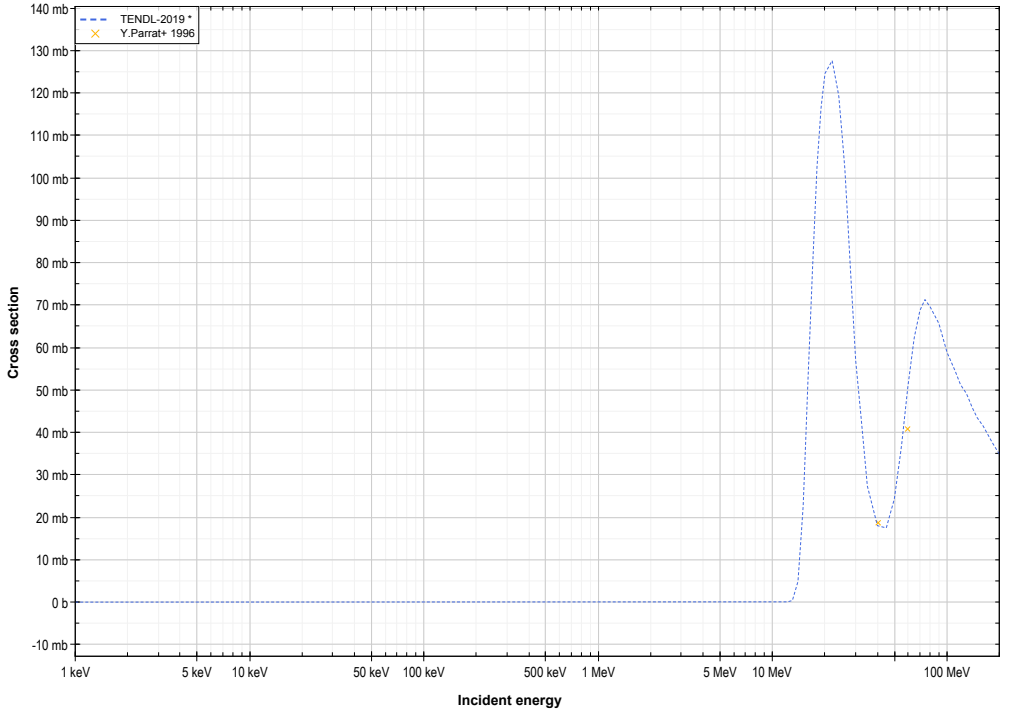
Reaction	Q-Value
Ar40(p,3n)K38	-23164.13 keV

<< 13-Al-27	**18-Ar-40**	22-Ti-47 >>
<< MT17 (p,3n)	**MT22 (p,n+α) or MT5 (Cl36 production)**	MT44 (p,n+2p) >>

Ar40 (p,n+α) or Cl36 production log-log



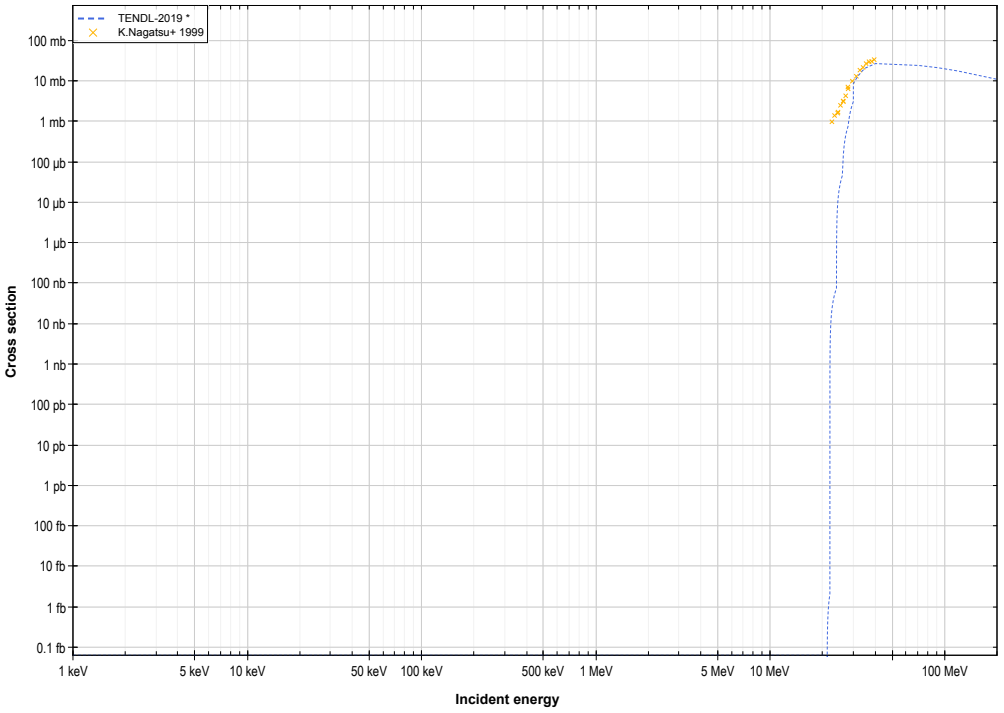
Ar40 (p,n+α) or Cl36 production lin-log



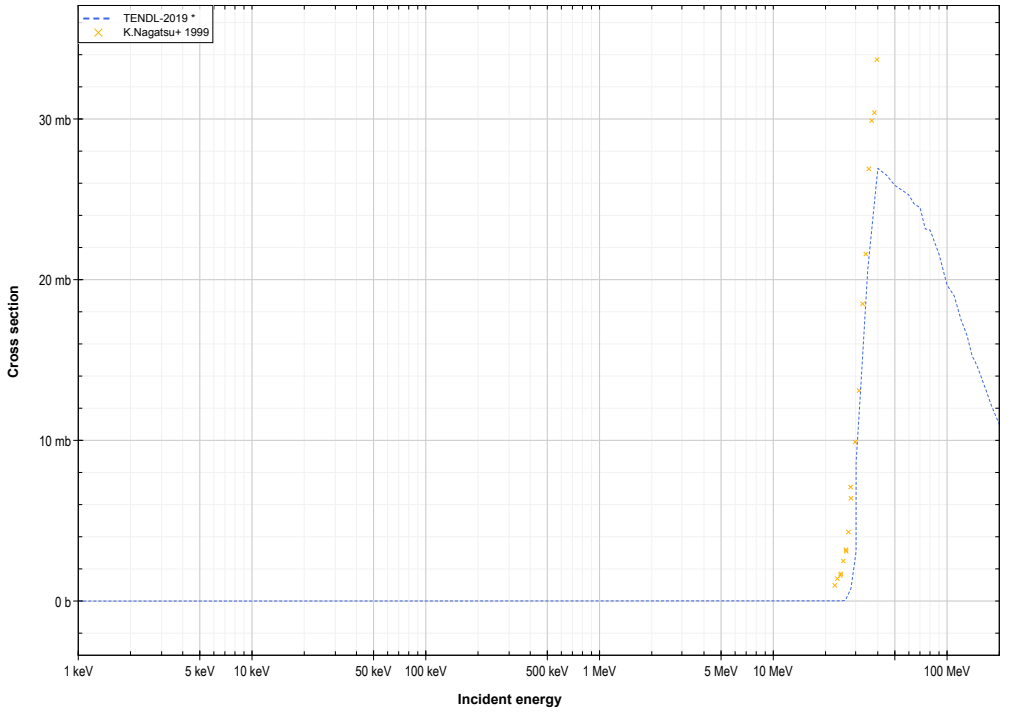
Reaction	Q-Value
Ar40(p,n+α)Cl36	-8725.15 keV
Ar40(p,d+t)Cl36	-26314.45 keV
Ar40(p,n+p+t)Cl36	-28539.01 keV
Ar40(p,2n+He3)Cl36	-29302.77 keV
Ar40(p,n+2d)Cl36	-32571.67 keV
Ar40(p,2n+p+d)Cl36	-34796.24 keV
Ar40(p,3n+2p)Cl36	-37020.81 keV

<< 14-Si-28	**18-Ar-40**	20-Ca-40 >>
<< MT22 (p,n+α)	**MT44 (p,n+2p) or MT5 (Cl38 production)**	MT106 (p,³He) >>

Ar40 (p,n+2p) or Cl38 production log-log



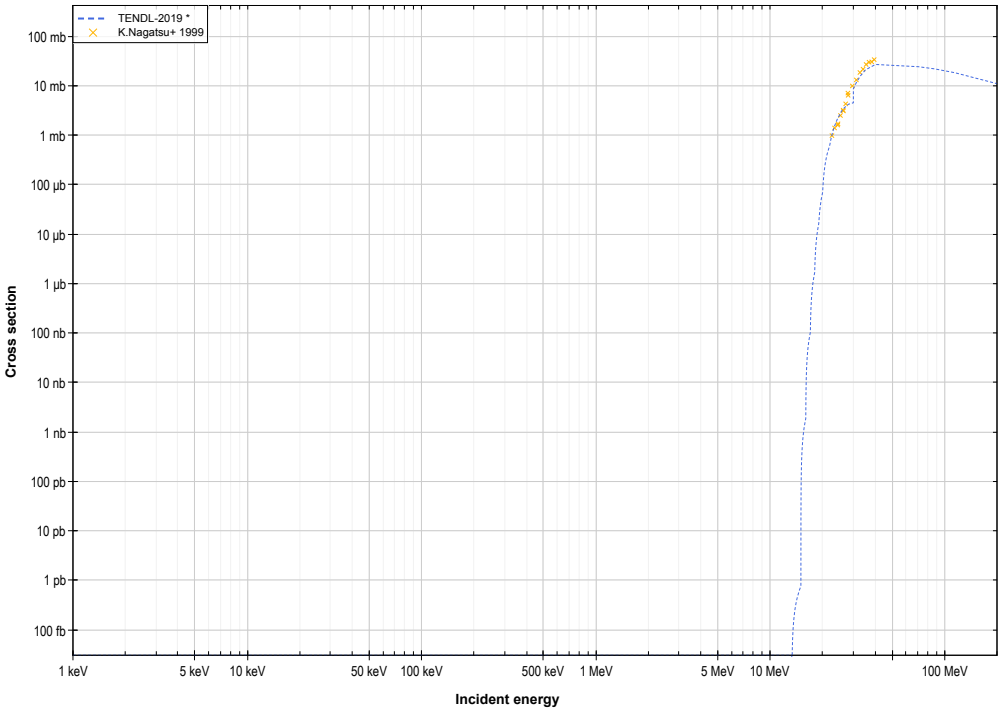
Ar40 (p,n+2p) or Cl38 production lin-log



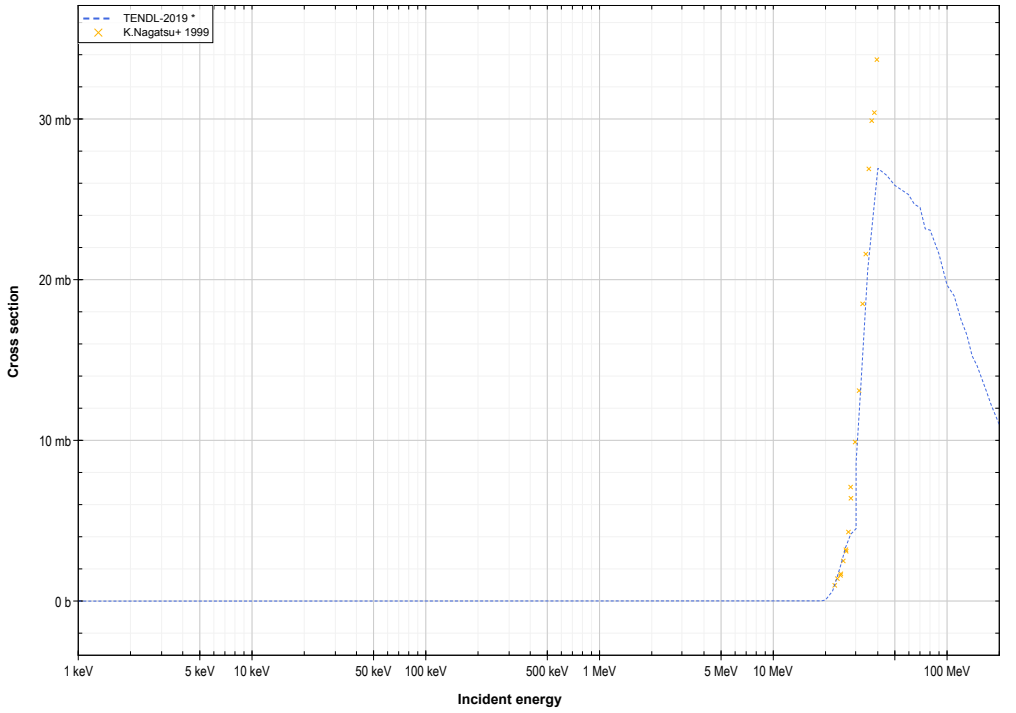
Reaction	Q-Value
Ar40(p,He3)Cl38	-12884.04 keV
Ar40(p,p+d)Cl38	-18377.52 keV
Ar40(p,n+2p)Cl38	-20602.08 keV

<< 14-Si-28	**18-Ar-40**	20-Ca-40 >>
<< MT44 (p,n+2p)	**MT106 (p,³He) or MT5 (Cl38 production)**	MT111 (p,2p) >>

Ar40 (p,³He) or Cl38 production log-log



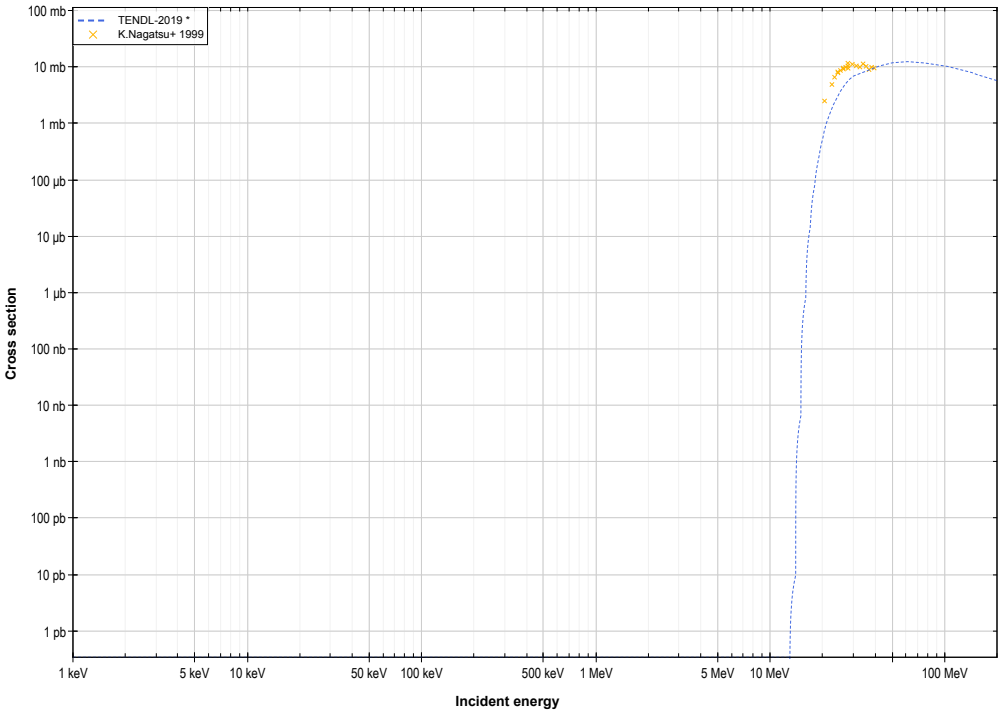
Ar40 (p,³He) or Cl38 production lin-log



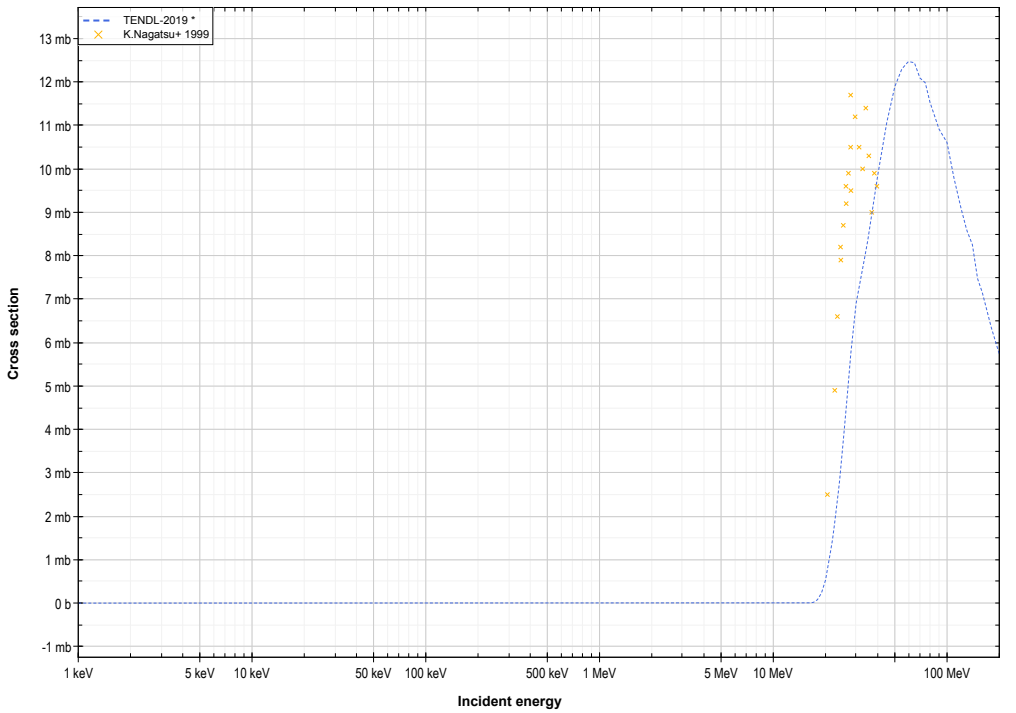
Reaction	Q-Value
Ar40(p,He3)Cl38	-12884.04 keV
Ar40(p,p+d)Cl38	-18377.52 keV
Ar40(p,n+2p)Cl38	-20602.08 keV

<< 14-Si-30	**18-Ar-40**	20-Ca-40 >>
<< MT106 (p,³He)	**MT111 (p,2p) or MT5 (Cl39 production)**	MT115 (p,p+d) >>

Ar40 (p,2p) or Cl39 production log-log



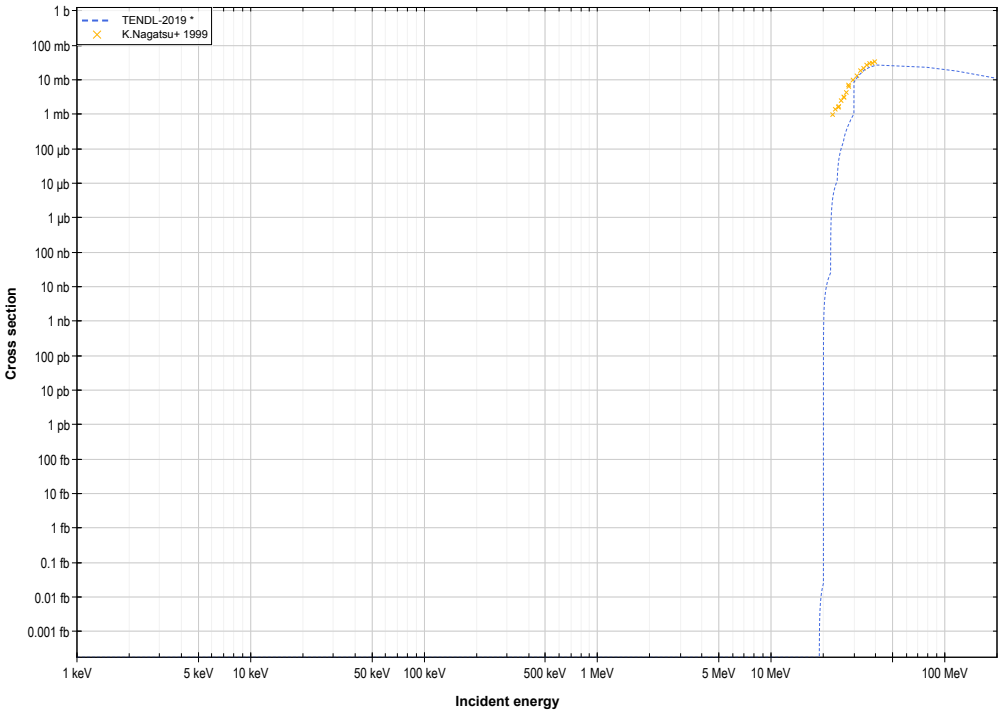
Ar40 (p,2p) or Cl39 production lin-log



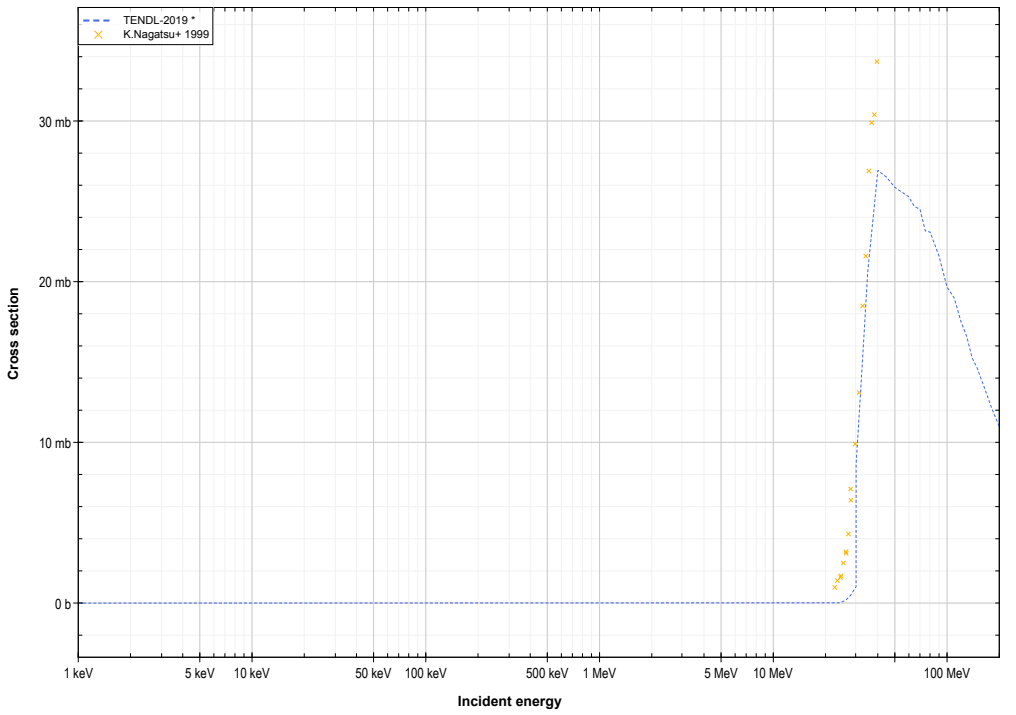
Reaction	Q-Value
Ar40(p,2p)Cl39	-12528.67 keV

<< 14-Si-28	**18-Ar-40**	20-Ca-40 >>
<< MT111 (p,2p)	**MT115 (p,p+d) or MT5 (Cl38 production)**	MT176 (p,2n+^{3}He) >>

Ar40 (p,p+d) or Cl38 production log-log



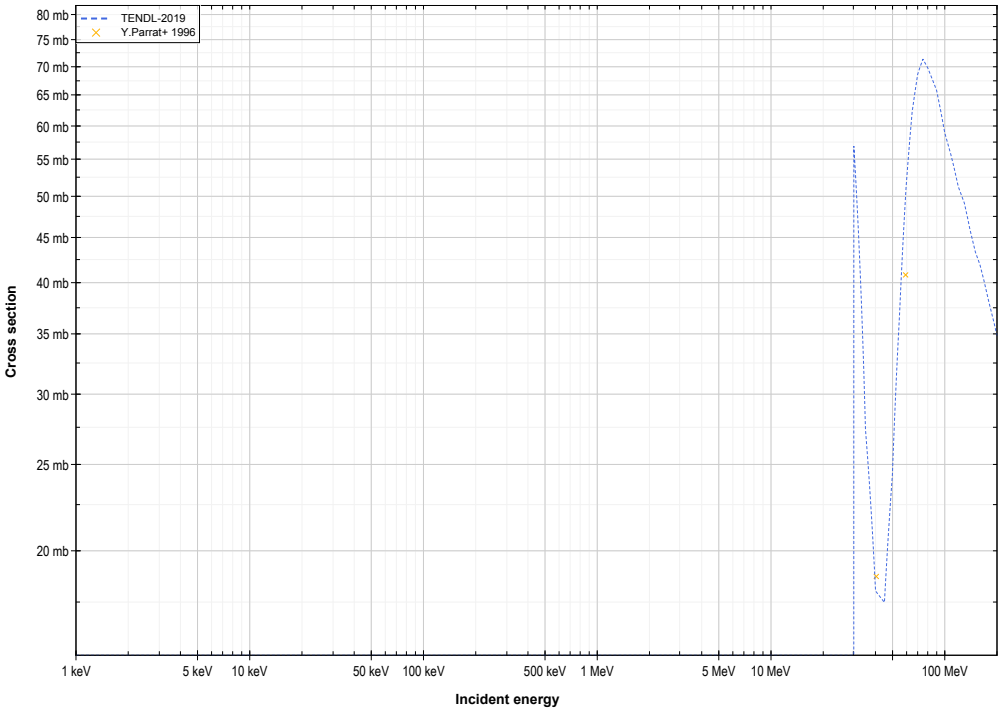
Ar40 (p,p+d) or Cl38 production lin-log



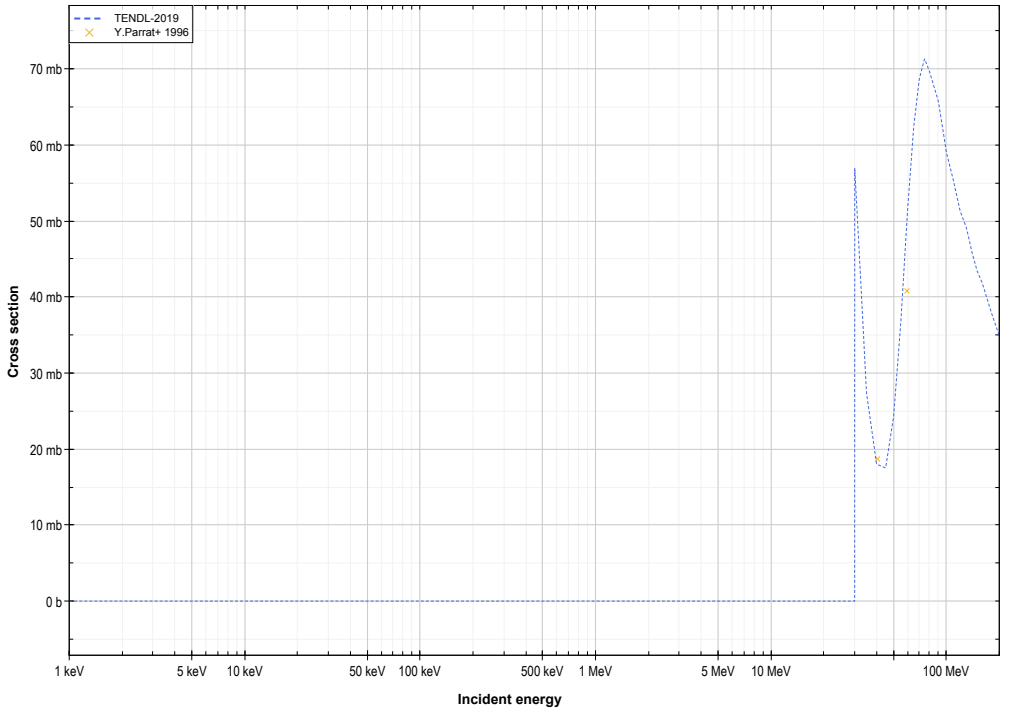
Reaction	Q-Value
Ar40(p,He3)Cl38	-12884.04 keV
Ar40(p,p+d)Cl38	-18377.52 keV
Ar40(p,n+2p)Cl38	-20602.08 keV

<< 13-Al-27	**18-Ar-40**	22-Ti-47 >>
<< MT115 (p,p+d)	**MT176 (p,2n+^{3}He) or MT5 (Cl36 production)**	MT179 (p,3n+2p) >>

Ar40 (p,2n+^{3}He) or Cl36 production log-log



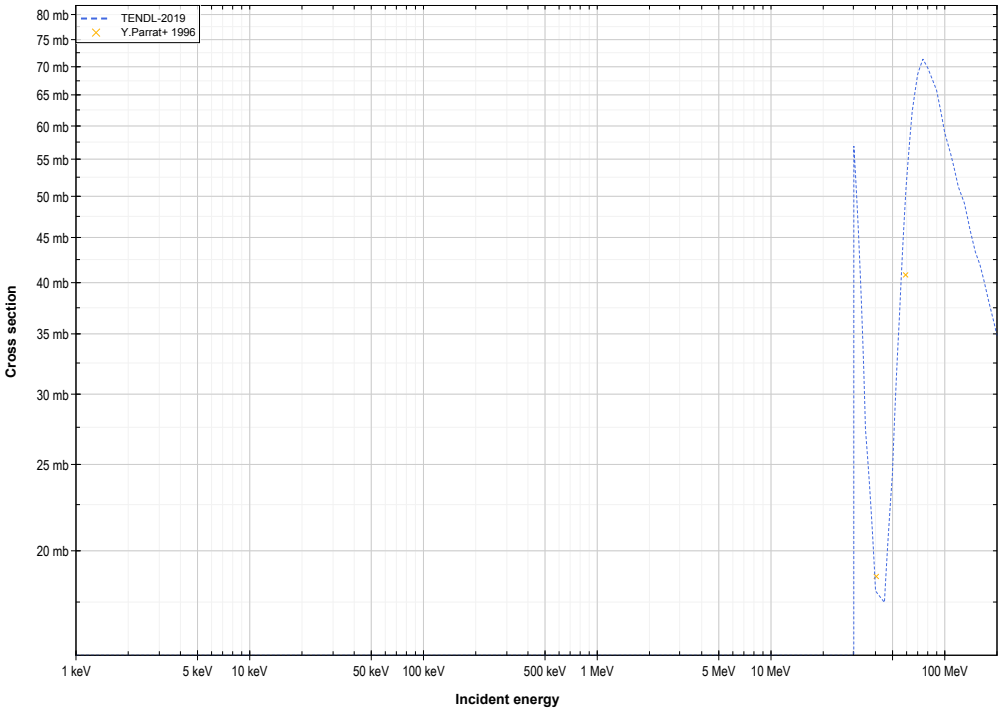
Ar40 (p,2n+^{3}He) or Cl36 production lin-log



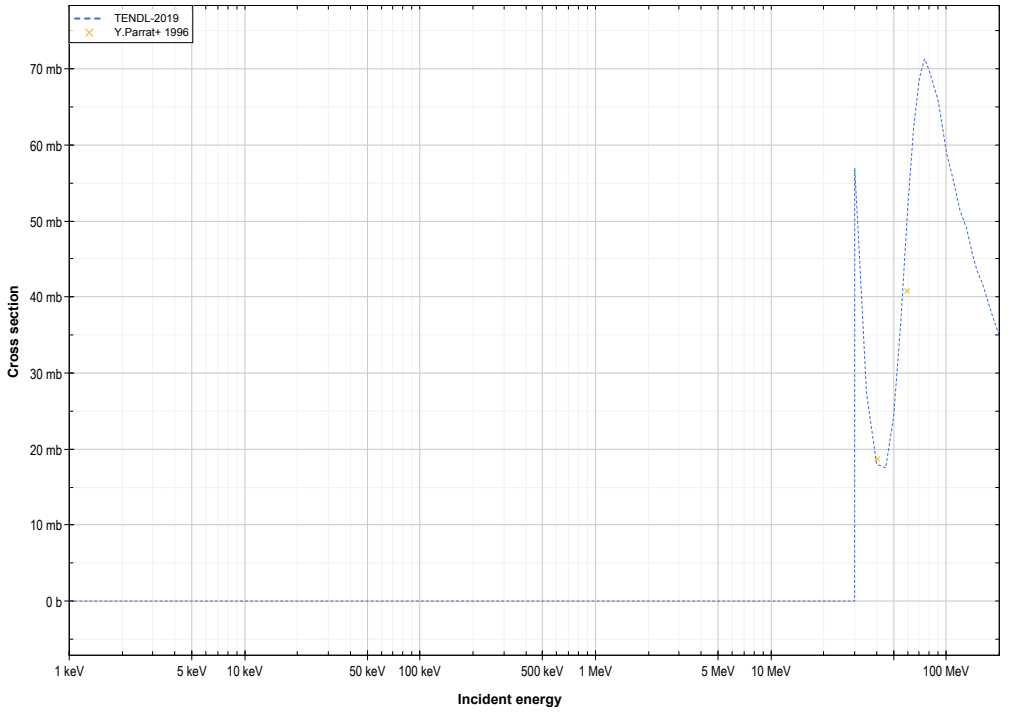
Reaction	Q-Value
Ar40(p,n+α)Cl36	-8725.15 keV
Ar40(p,d+t)Cl36	-26314.45 keV
Ar40(p,n+p+t)Cl36	-28539.01 keV
Ar40(p,2n+He3)Cl36	-29302.77 keV
Ar40(p,n+2d)Cl36	-32571.67 keV
Ar40(p,2n+p+d)Cl36	-34796.24 keV
Ar40(p,3n+2p)Cl36	-37020.81 keV

<< 13-Al-27	**18-Ar-40**	22-Ti-47 >>
<< MT176 (p,2n+^{3}He)	**MT179 (p,3n+2p) or MT5 (Cl36 production)**	MT182 (p,d+t) >>

Ar40 (p,3n+2p) or Cl36 production log-log



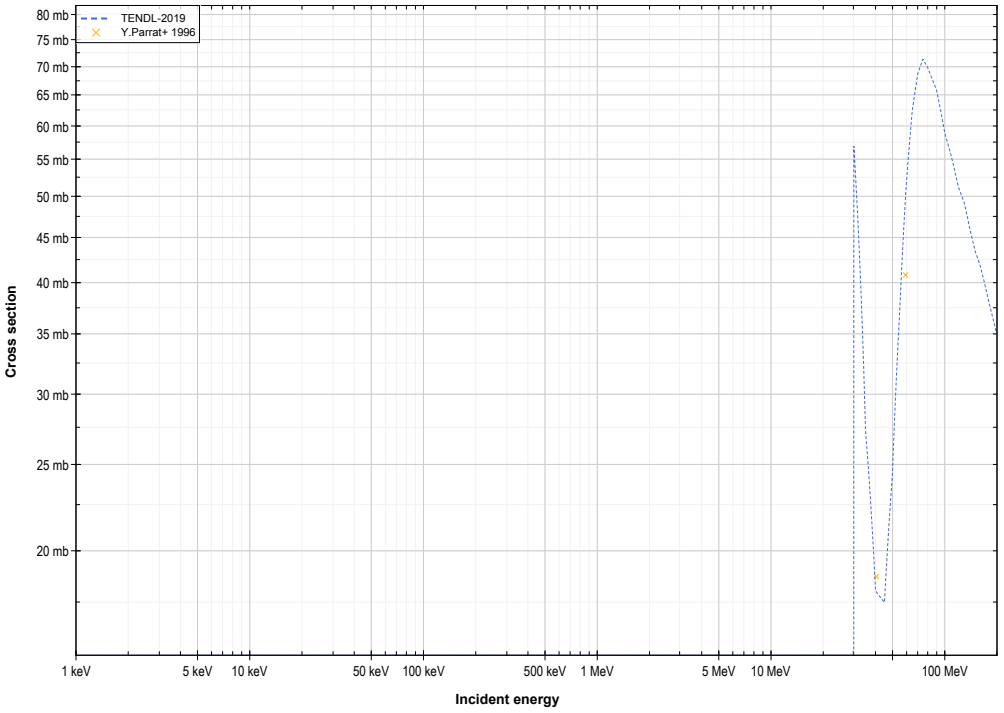
Ar40 (p,3n+2p) or Cl36 production lin-log



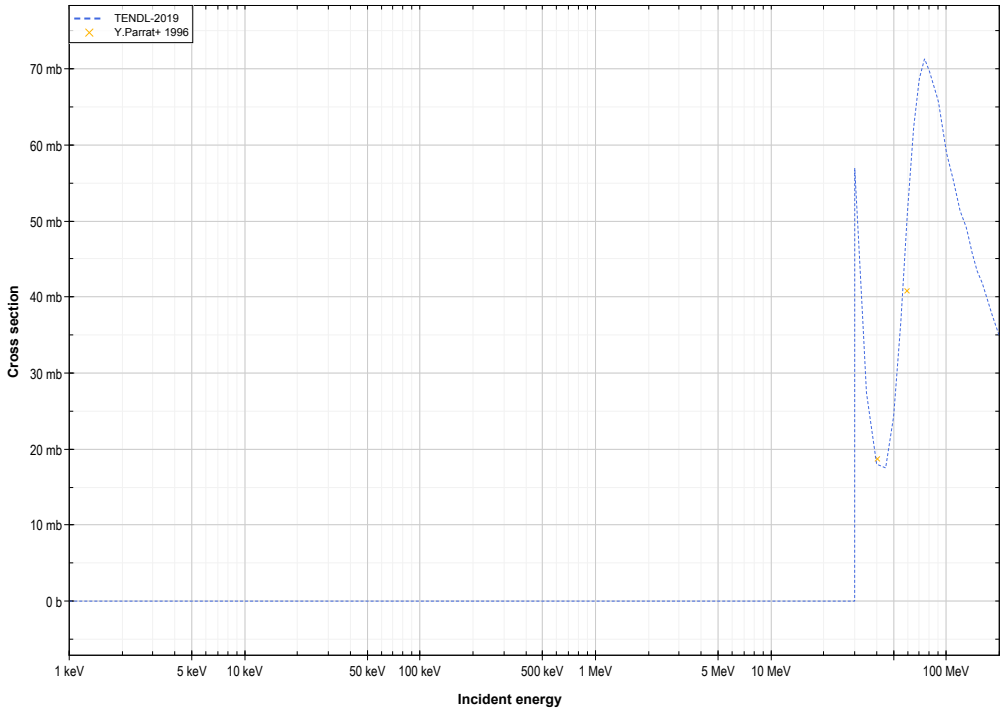
Reaction	Q-Value
Ar40(p,n+α)Cl36	-8725.15 keV
Ar40(p,d+t)Cl36	-26314.45 keV
Ar40(p,n+p+t)Cl36	-28539.01 keV
Ar40(p,2n+He3)Cl36	-29302.77 keV
Ar40(p,n+2d)Cl36	-32571.67 keV
Ar40(p,2n+p+d)Cl36	-34796.24 keV
Ar40(p,3n+2p)Cl36	-37020.81 keV

<< 13-Al-27	**18-Ar-40**	22-Ti-47 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Cl36 production)**	MT184 (p,n+p+t) >>

Ar40 (p,d+t) or Cl36 production log-log



Ar40 (p,d+t) or Cl36 production lin-log



Reaction	Q-Value
Ar40(p,n+α)Cl36	-8725.15 keV
Ar40(p,d+t)Cl36	-26314.45 keV
Ar40(p,n+p+t)Cl36	-28539.01 keV
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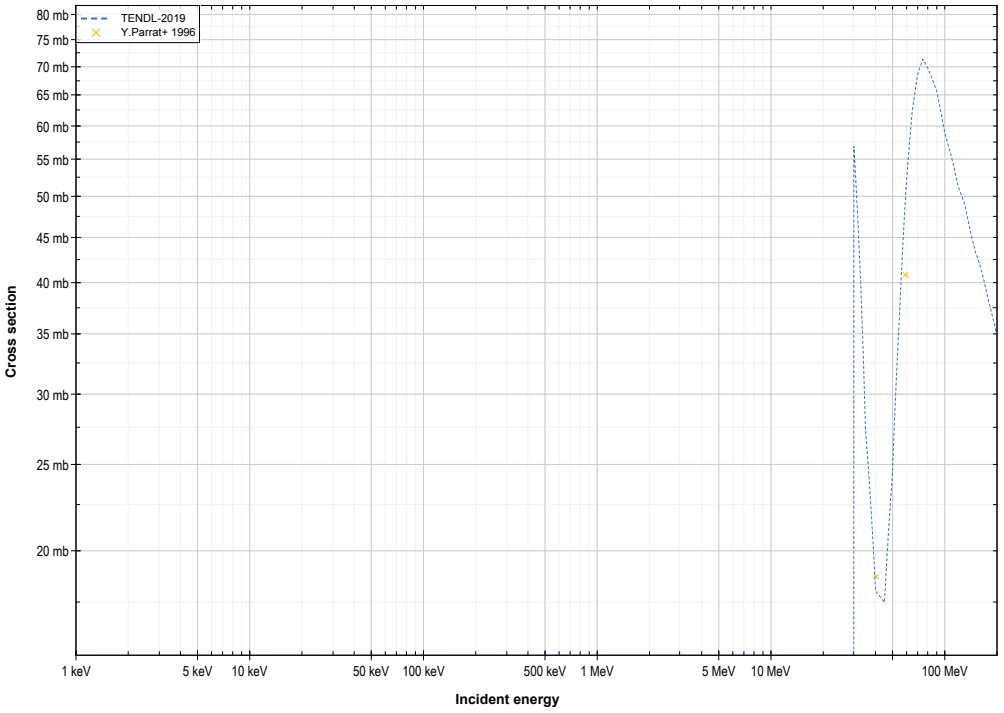
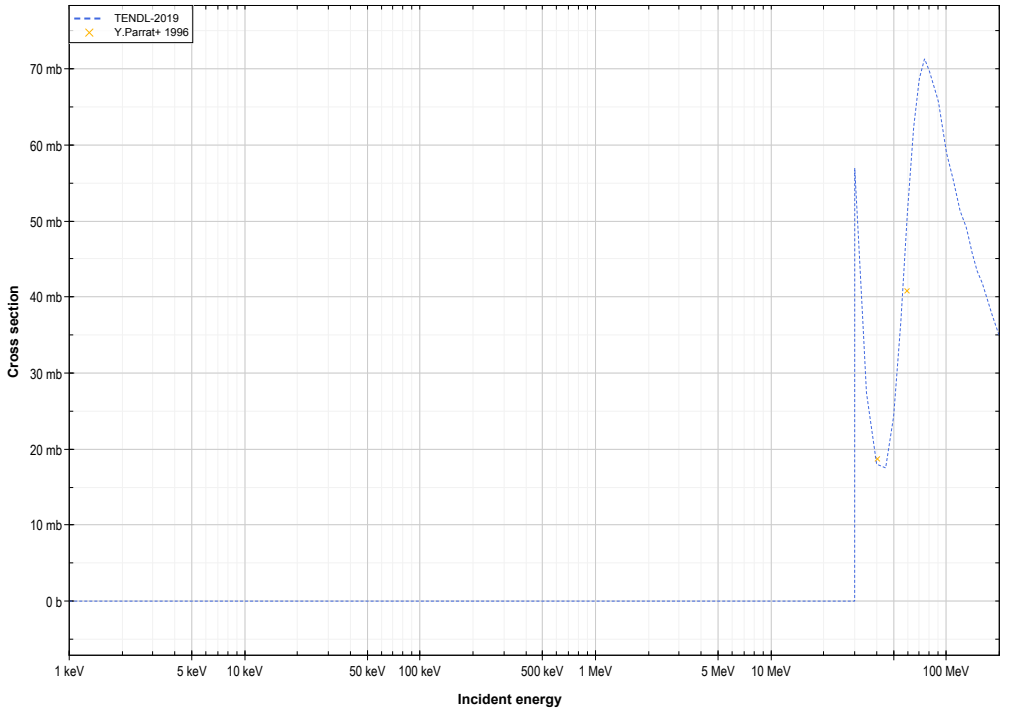
Ar40(p,n+2d)Cl36	-32571.67 keV
Ar40(p,2n+p+d)Cl36	-34796.24 keV
Ar40(p,3n+2p)Cl36	-37020.81 keV

<< 13-Al-27	**18-Ar-40**	22-Ti-47 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Cl36 production)**	19-K-39 MT4 (p,n) >>

Ar40 (p,n+p+t) or Cl36 production log-log



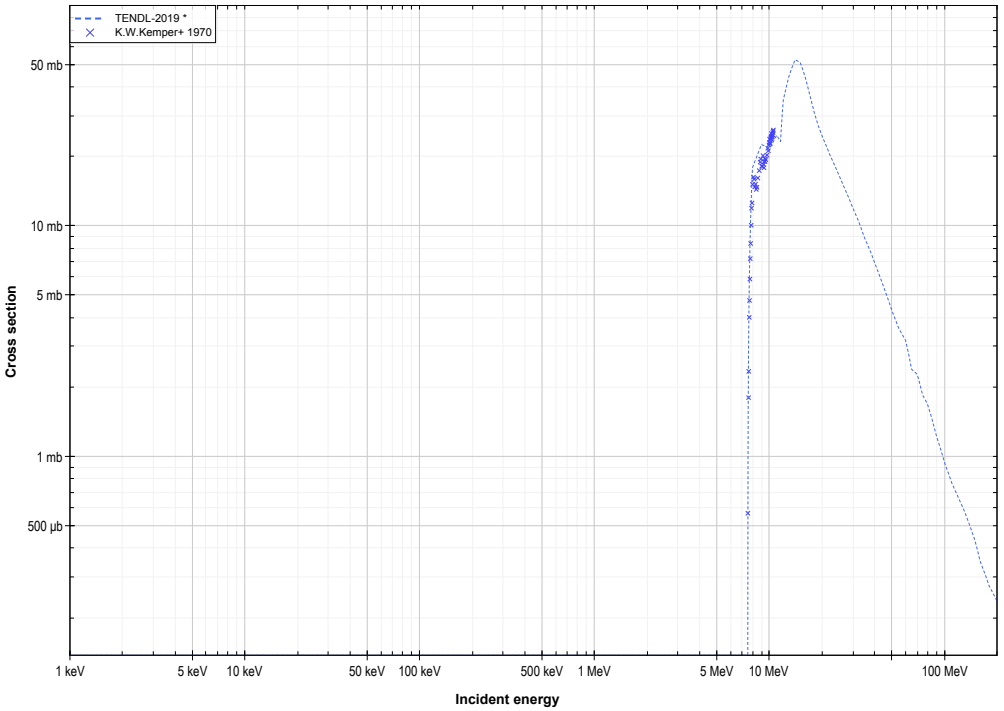
Ar40 (p,n+p+t) or Cl36 production lin-log



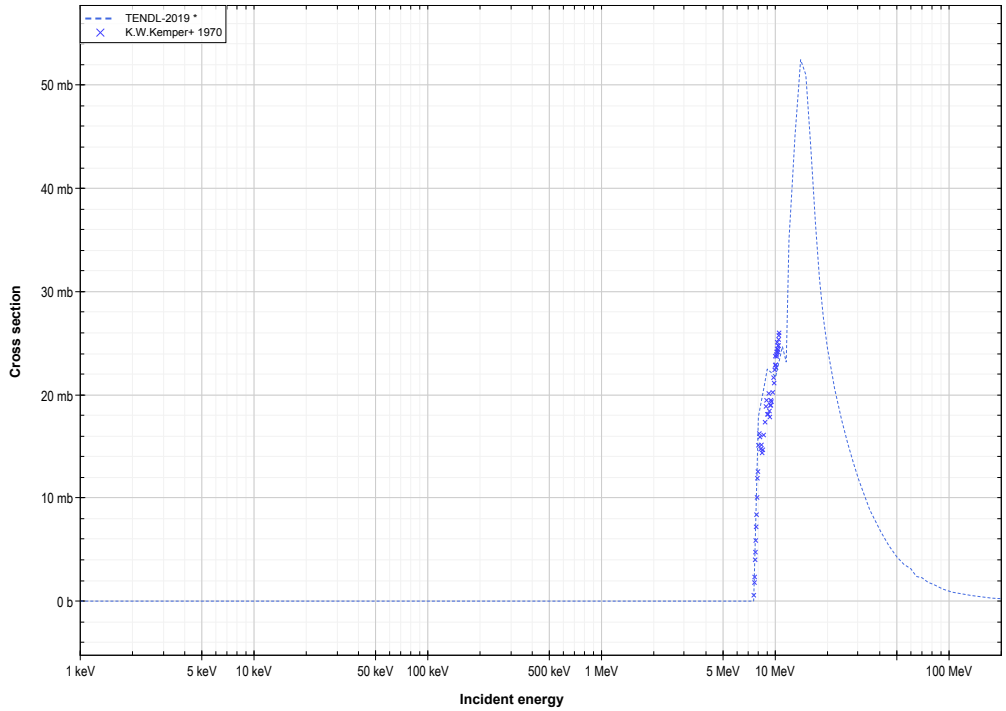
Reaction	Q-Value
Ar40(p,n+α)Cl36	-8725.15 keV
Ar40(p,d+t)Cl36	-26314.45 keV
Ar40(p,n+p+t)Cl36	-28539.01 keV
Ar40(p,2n+He3)Cl36	-29302.77 keV
Ar40(p,n+2d)Cl36	-32571.67 keV
Ar40(p,2n+p+d)Cl36	-34796.24 keV
Ar40(p,3n+2p)Cl36	-37020.81 keV

<< 18-Ar-38	**19-K-39**	19-K-41 >>
<< 18-Ar-40 MT184 (p,n+p+t)	**MT4 (p,n) or MT5 (Ca39 production)**	19-K-41 MT4 (p,n) >>

K39 (p,n) or Ca39 production log-log



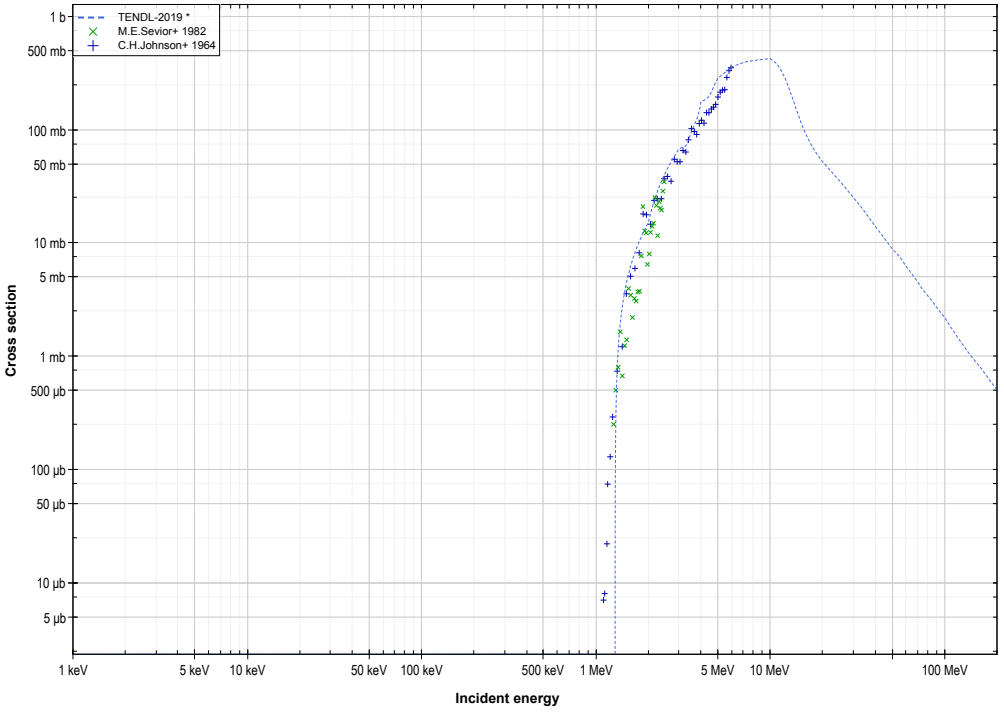
K39 (p,n) or Ca39 production lin-log



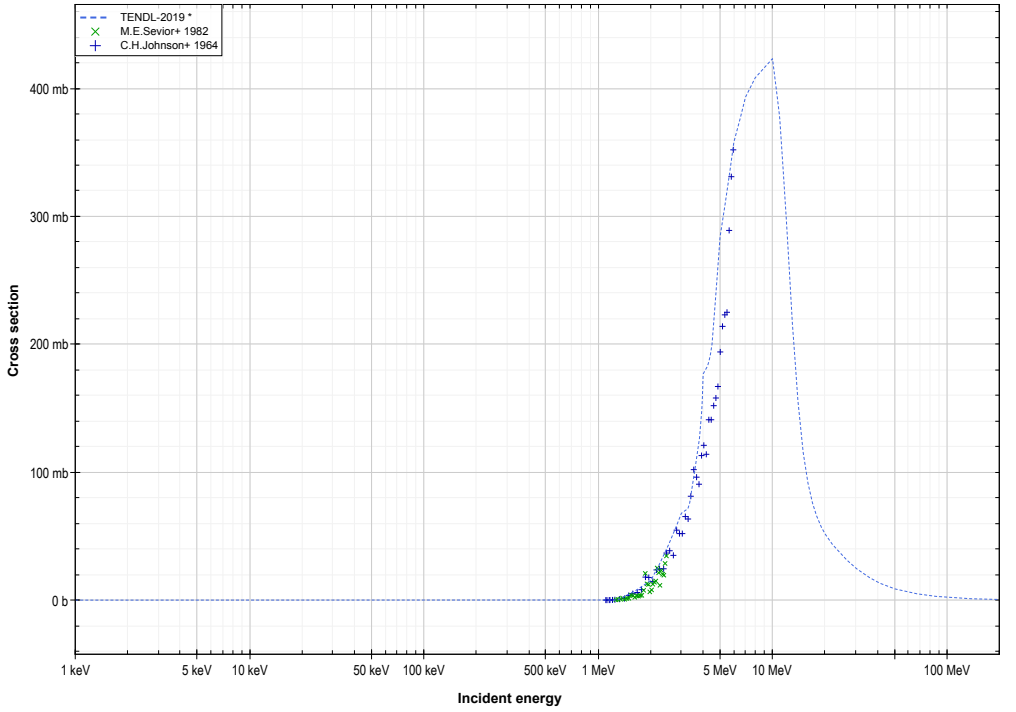
Reaction	Q-Value
K39(p,n)Ca39	-7306.84 keV

<< 19-K-39	**19-K-41**	20-Ca-43 >>
<< 19-K-39 MT4 (p,n)	**MT4 (p,n) or MT5 (Ca41 production)**	MT102 (p,γ) >>

K41 (p,n) or Ca41 production log-log



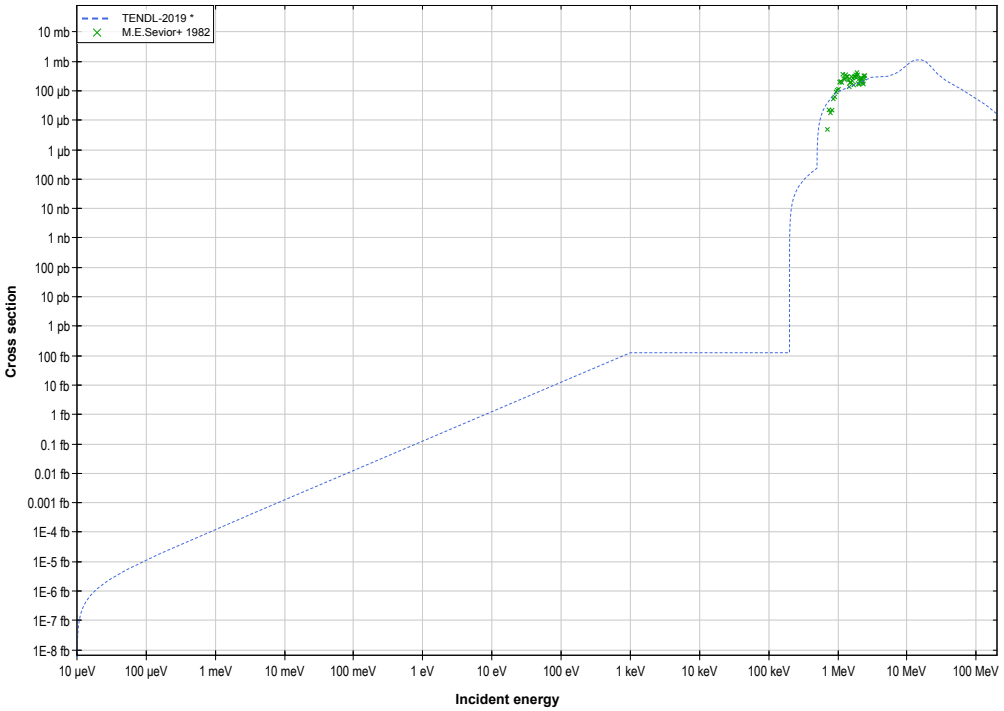
K41 (p,n) or Ca41 production lin-log



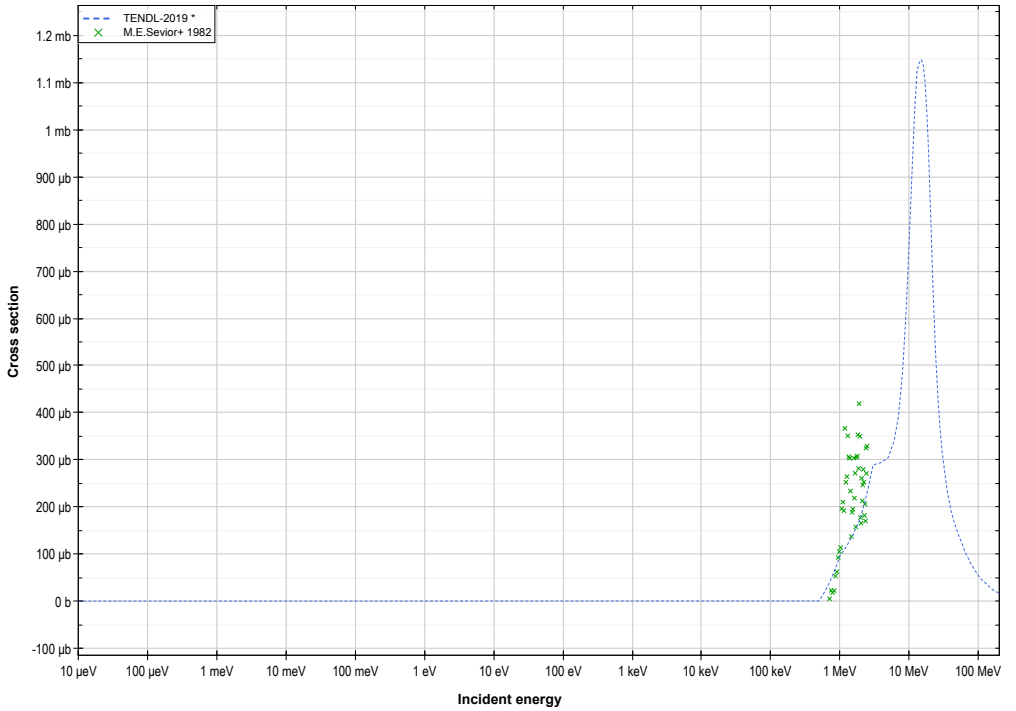
Reaction	Q-Value
K41(p,n)Ca41	-1204.00 keV

<< 13-Al-27	**19-K-41**	20-Ca-42 >>
<< MT4 (p,n)	**MT102 (p,γ) or MT5 (Ca42 production)**	20-Ca-40 MT28 (p,n+p) >>

K41 (p,γ) or Ca42 production log-log



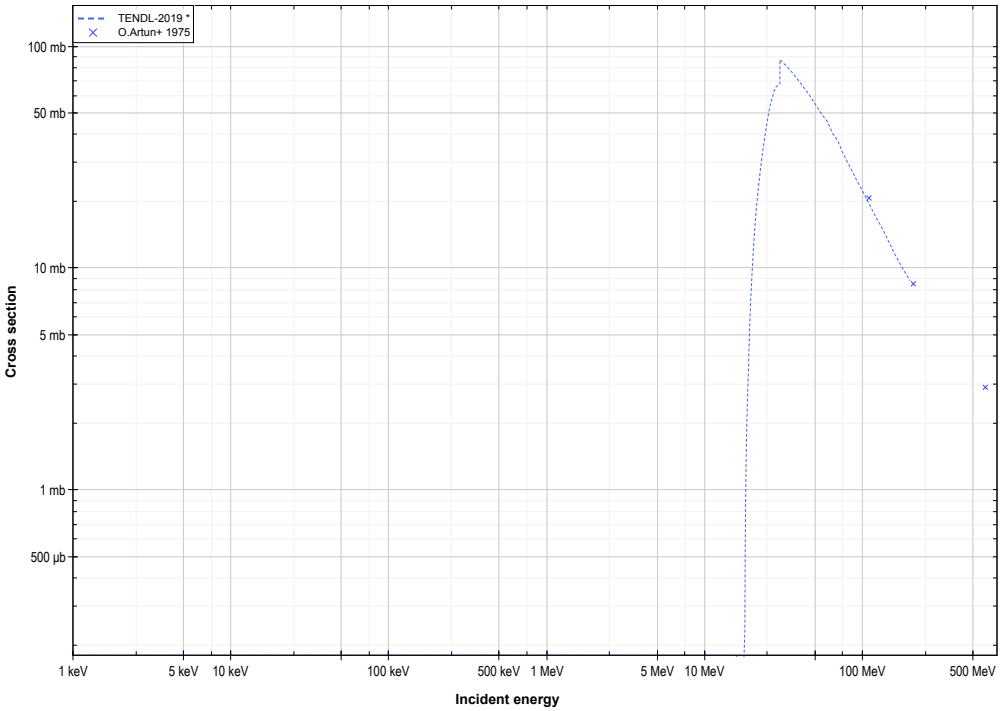
K41 (p,γ) or Ca42 production lin-log



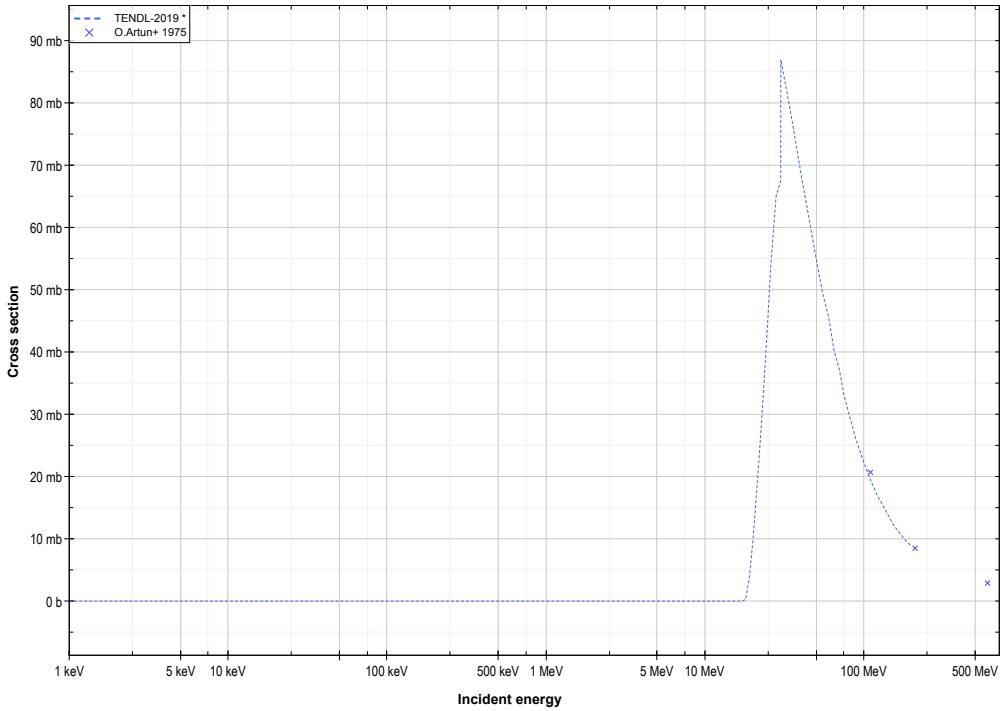
Reaction	Q-Value
K41(p,γ)Ca42	10276.67 keV

<< 14-Si-28	**20-Ca-40**	20-Ca-48 >>
<< 19-K-41 MT102 (p,γ)	**MT28 (p,n+p) or MT5 (Ca39 production)**	MT44 (p,n+2p) >>

Ca40 (p,n+p) or Ca39 production log-log



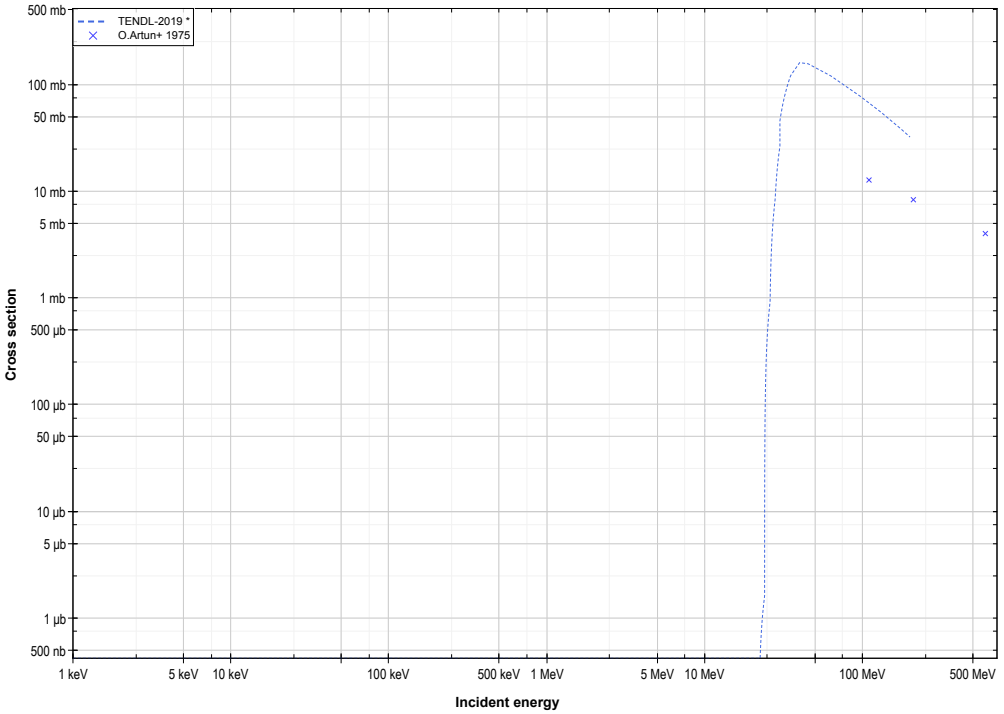
Ca40 (p,n+p) or Ca39 production lin-log



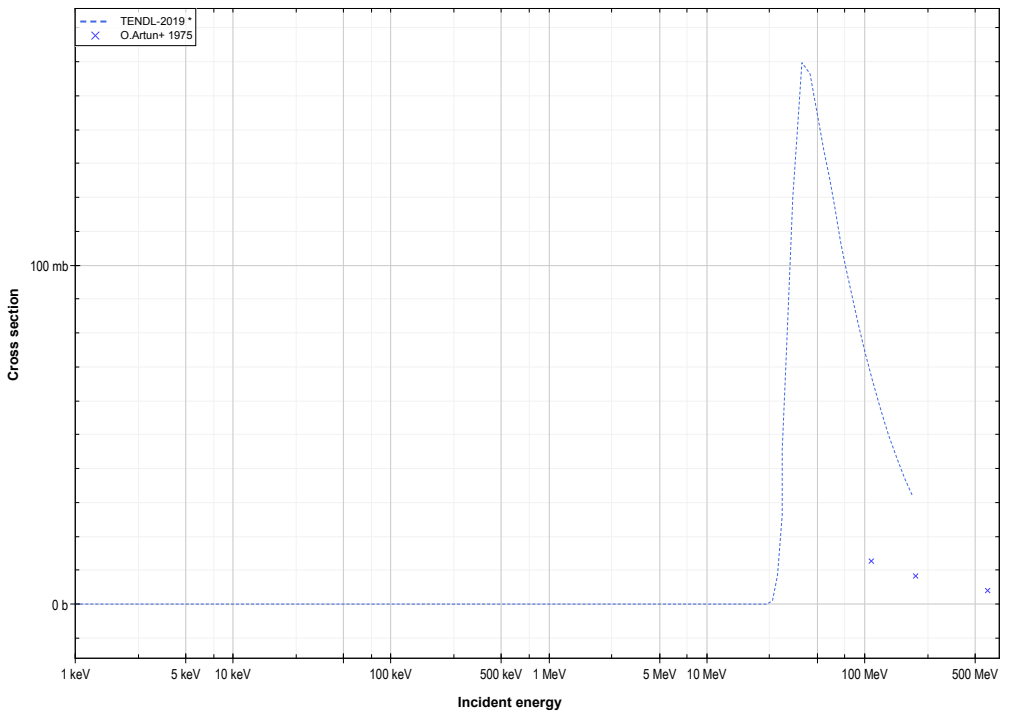
Reaction	Q-Value
Ca40(p,d)Ca39	-13410.44 keV
Ca40(p,n+p)Ca39	-15635.00 keV

<< 18-Ar-40	**20-Ca-40**	22-Ti-46 >>
<< MT28 (p,n+p)	**MT44 (p,n+2p) or MT5 (K38 production)**	MT103 (p,p) >>

Ca40 (p,n+2p) or K38 production log-log



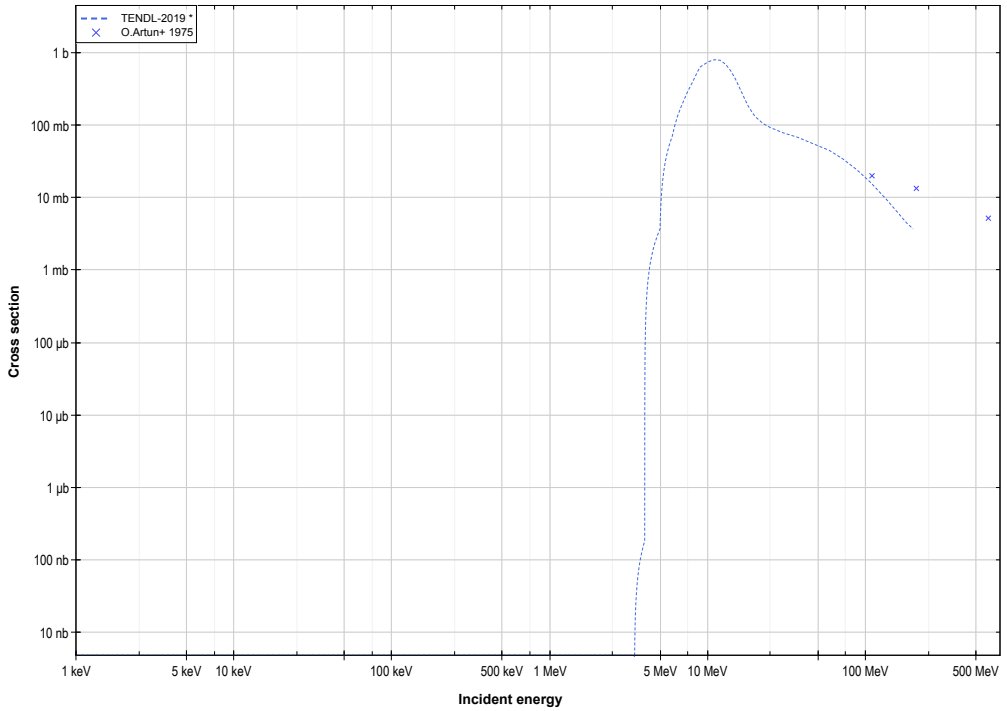
Ca40 (p,n+2p) or K38 production lin-log



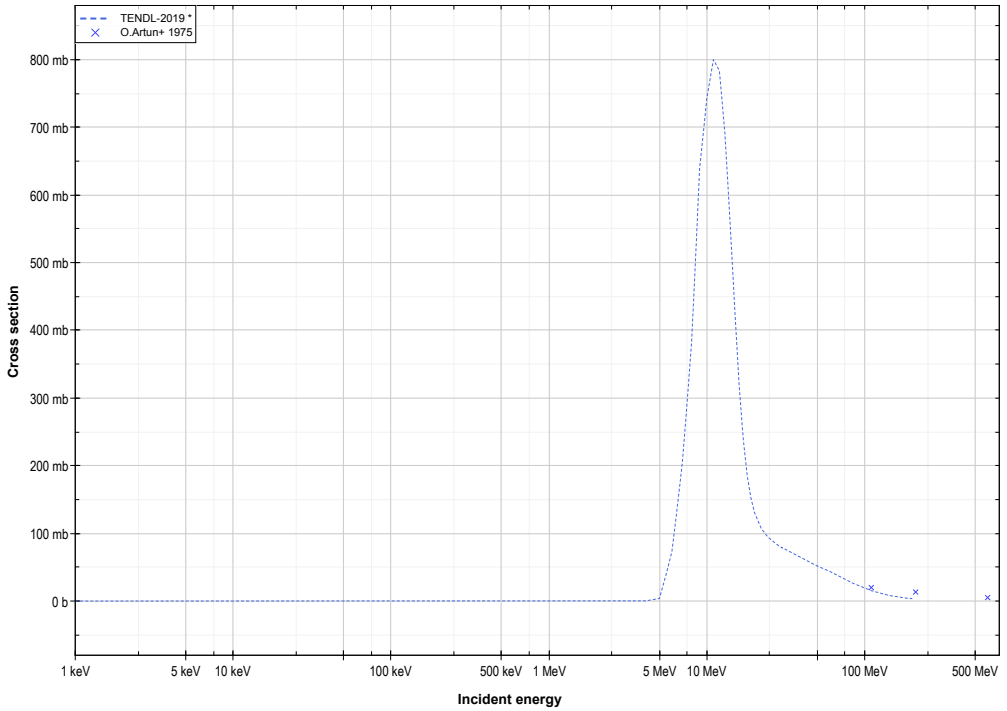
Reaction	Q-Value
Ca40(p,He3)K38	-13687.88 keV
Ca40(p,p+d)K38	-19181.36 keV
Ca40(p,n+2p)K38	-21405.92 keV

<< 14-Si-28	**20-Ca-40**	28-Ni-58 >>
<< MT44 (p,n+2p)	**MT103 (p,p) or MT5 (Ca40 production)**	MT104 (p,d) >>

Ca40 (p,p) or Ca40 production log-log



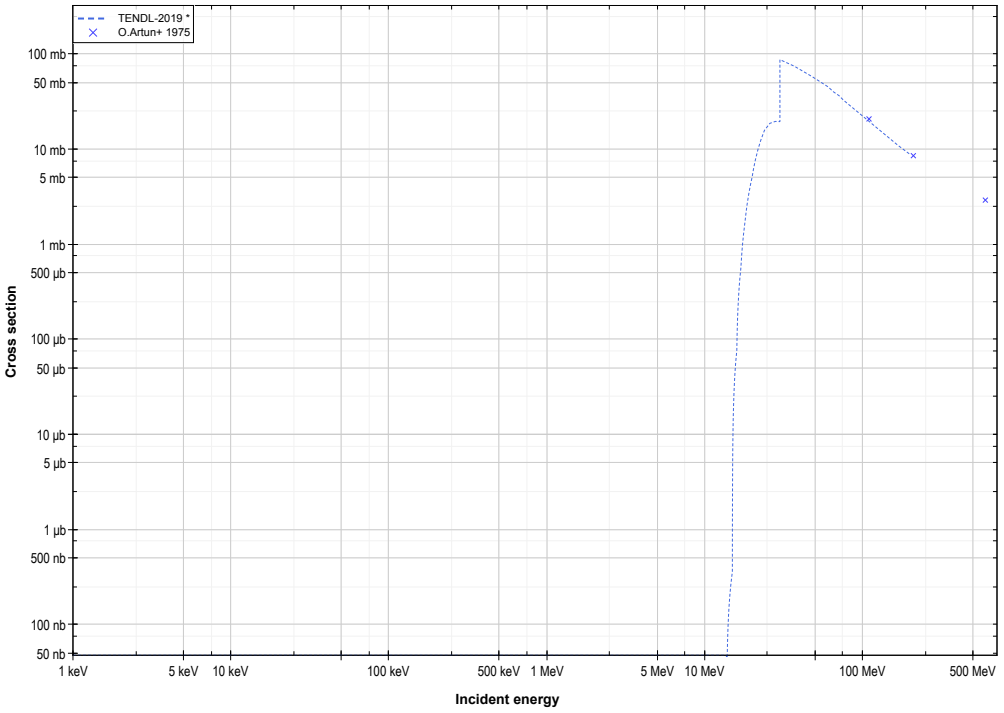
Ca40 (p,p) or Ca40 production lin-log



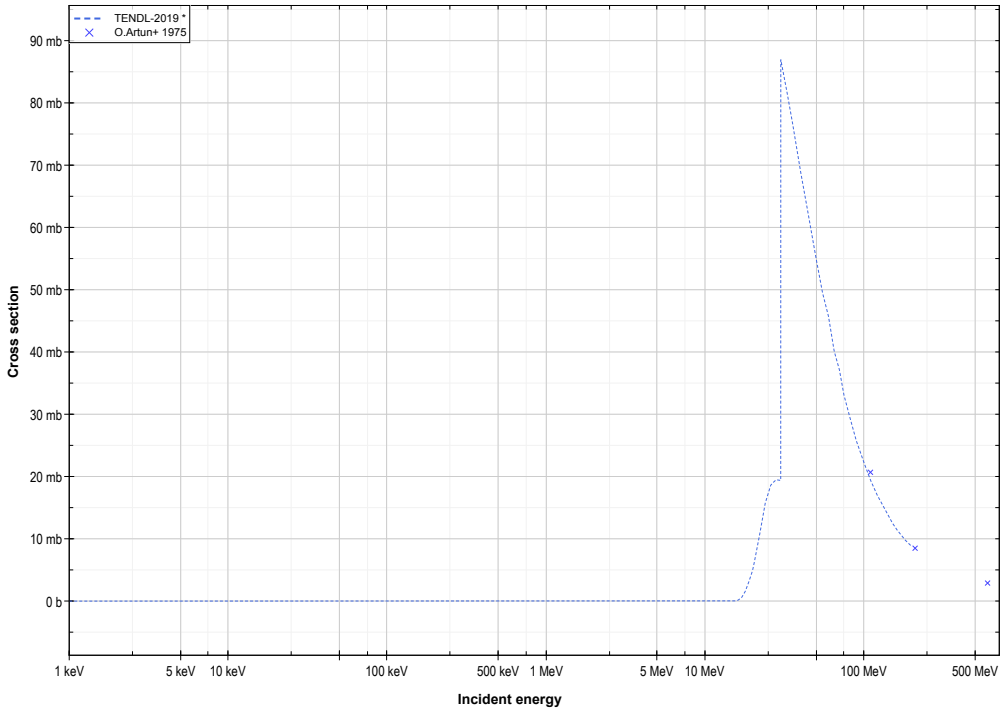
Reaction	Q-Value
Ca40(p,p)Ca40	0.00 keV

<< 14-Si-28	**20-Ca-40**	20-Ca-48 >>
<< MT103 (p,p)	**MT104 (p,d) or MT5 (Ca39 production)**	MT106 (p,³He) >>

Ca40 (p,d) or Ca39 production log-log



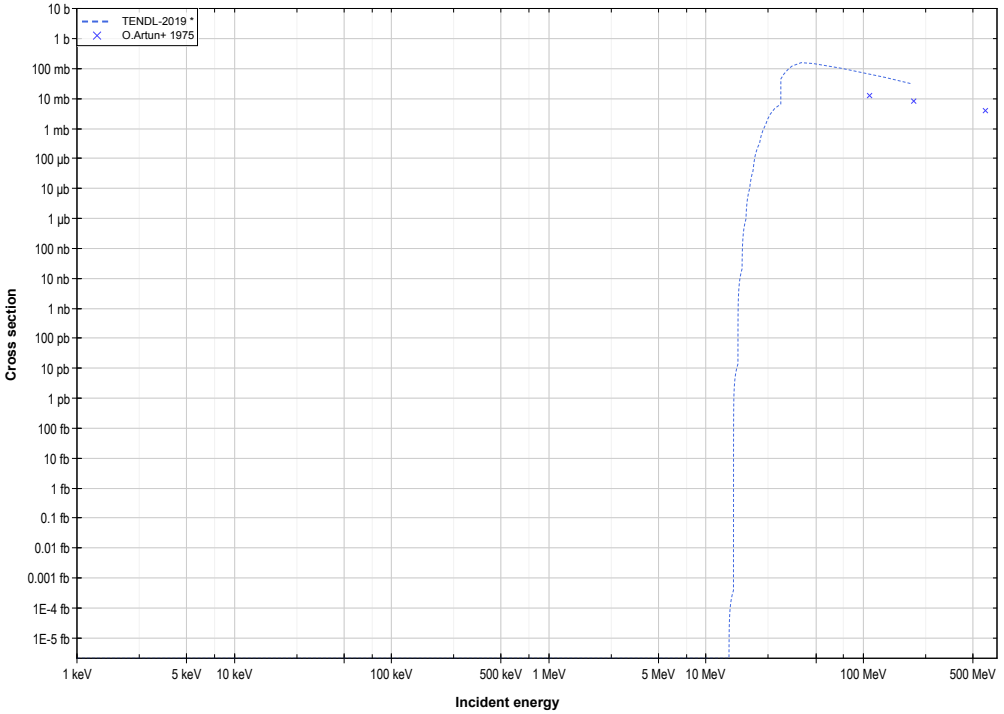
Ca40 (p,d) or Ca39 production lin-log



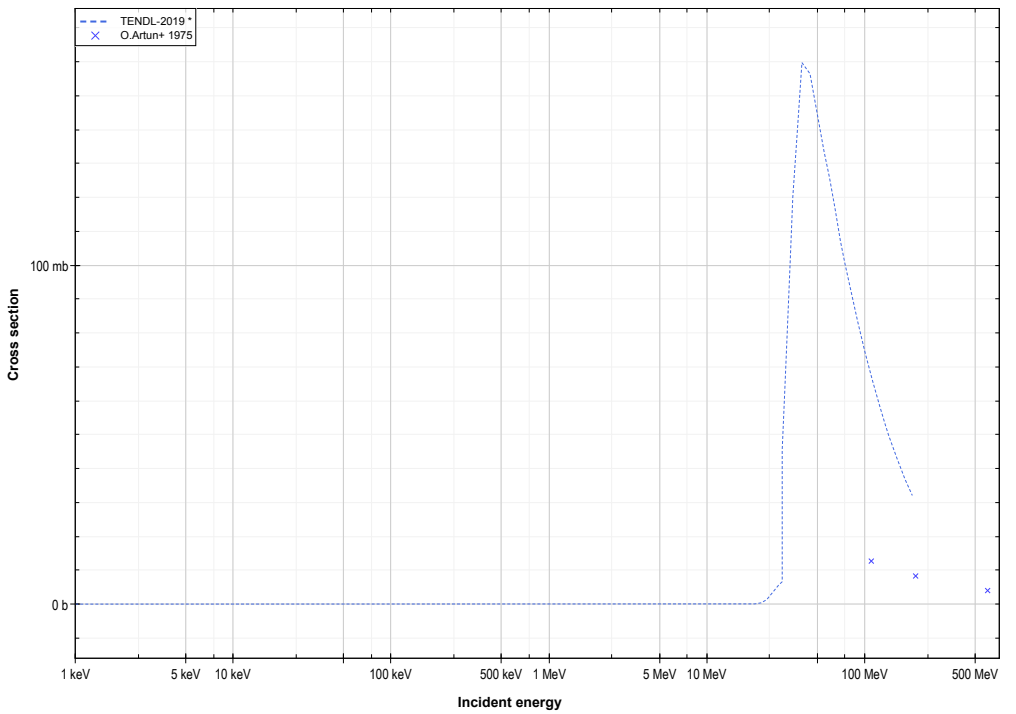
Reaction	Q-Value
Ca40(p,d)Ca39	-13410.44 keV
Ca40(p,n+p)Ca39	-15635.00 keV

<< 18-Ar-40	**20-Ca-40**	20-Ca-44 >>
<< MT104 (p,d)	**MT106 (p,³He) or MT5 (K38 production)**	MT111 (p,2p) >>

Ca40 (p,³He) or K38 production log-log



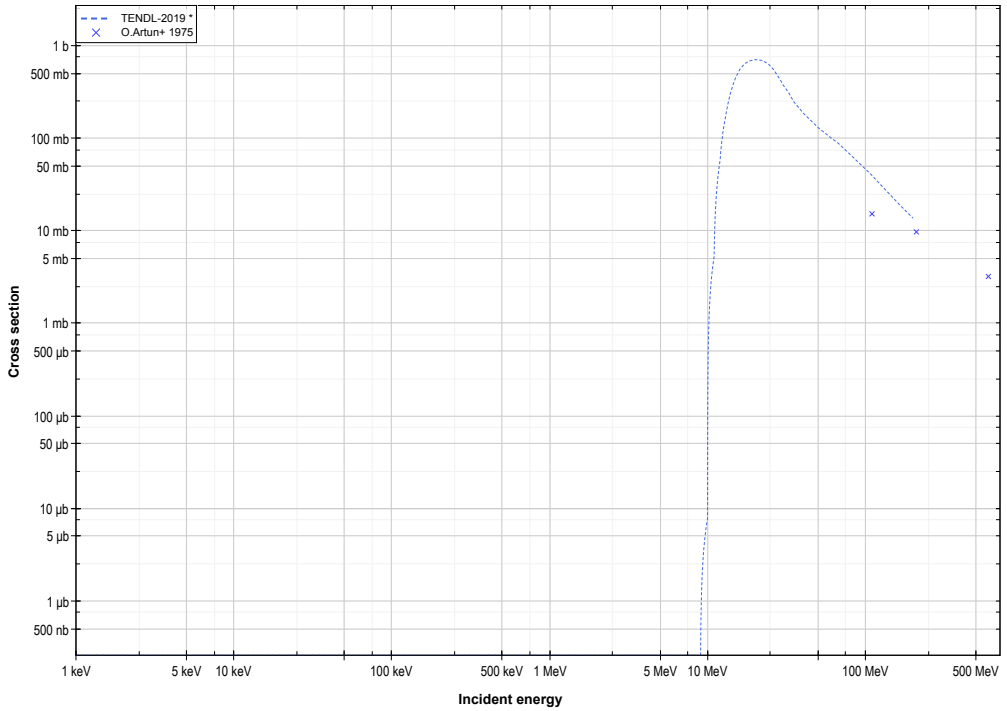
Ca40 (p,³He) or K38 production lin-log



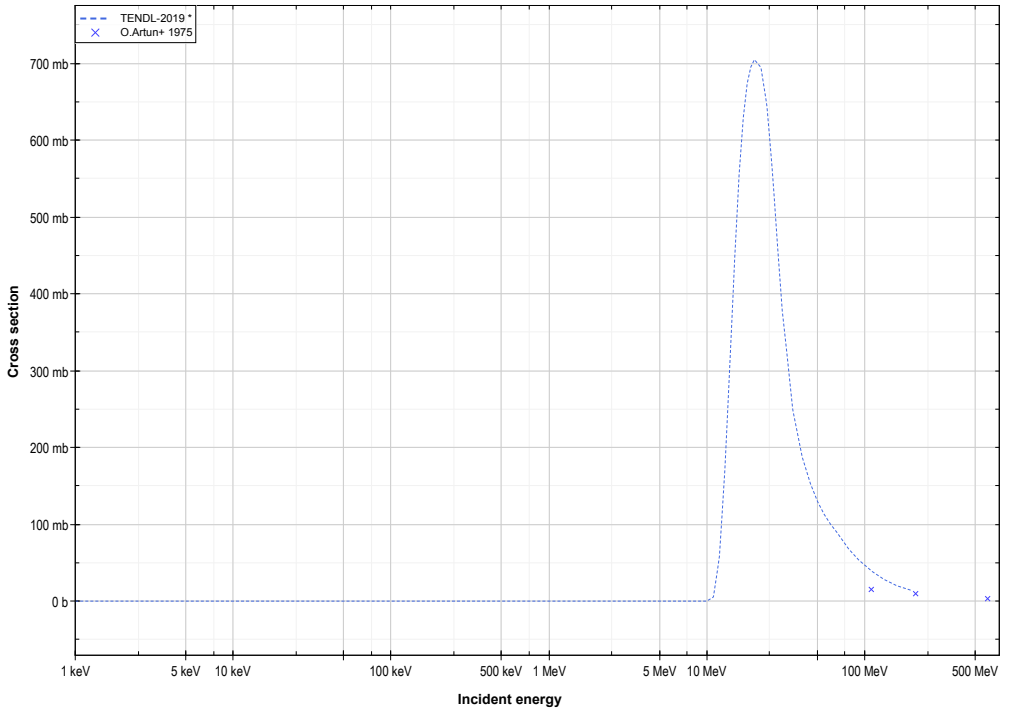
Reaction	Q-Value
Ca40(p,He3)K38	-13687.88 keV
Ca40(p,p+d)K38	-19181.36 keV
Ca40(p,n+2p)K38	-21405.92 keV

<< 18-Ar-40	**20-Ca-40**	20-Ca-43 >>
<< MT106 (p,³He)	**MT111 (p,2p) or MT5 (K39 production)**	MT112 (p,p+α) >>

Ca40 (p,2p) or K39 production log-log



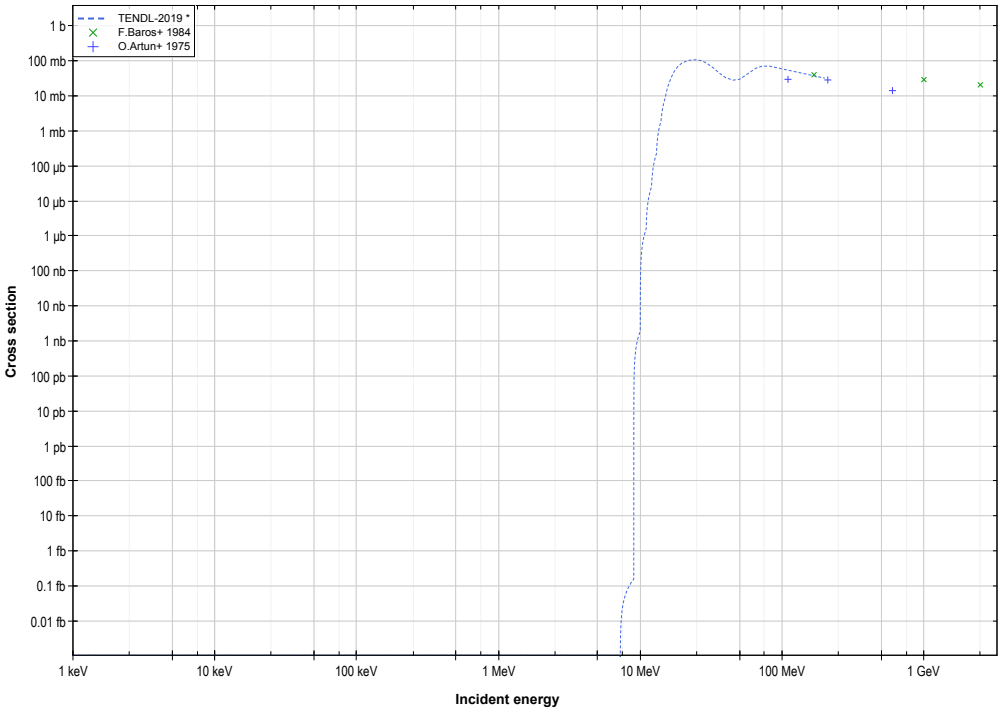
Ca40 (p,2p) or K39 production lin-log



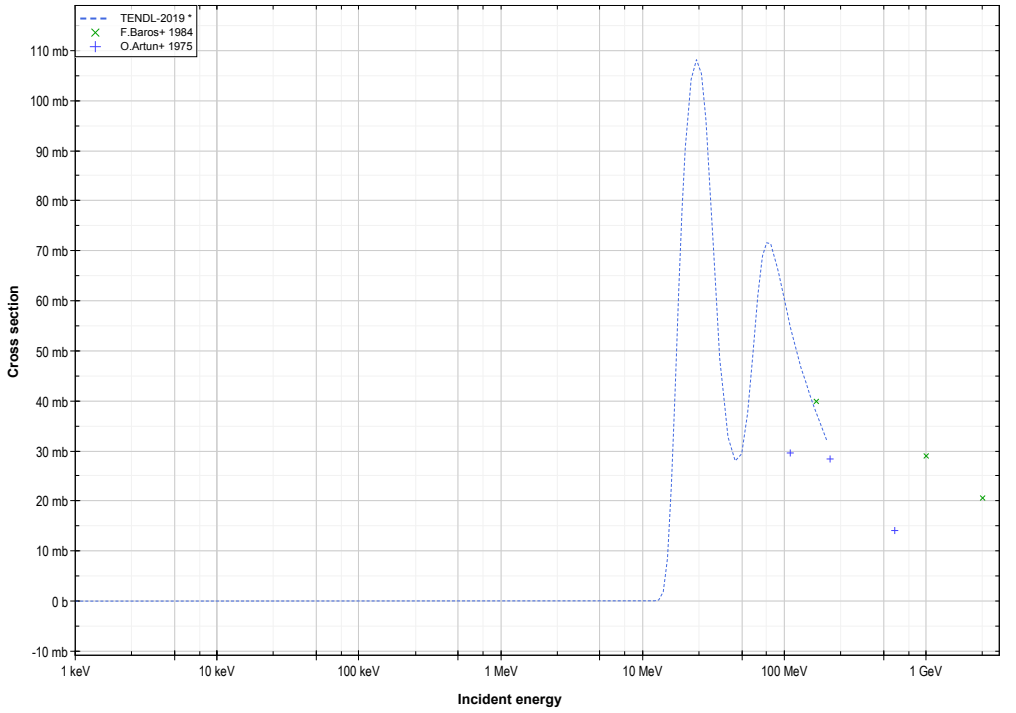
Reaction	Q-Value
Ca40(p,2p)K39	-8328.16 keV

<< 14-Si-28	**20-Ca-40**	23-V-51 >>
<< MT111 (p,2p)	**MT112 (p,p+α) or MT5 (Ar36 production)**	MT115 (p,p+d) >>

Ca40 (p,p+α) or Ar36 production log-log



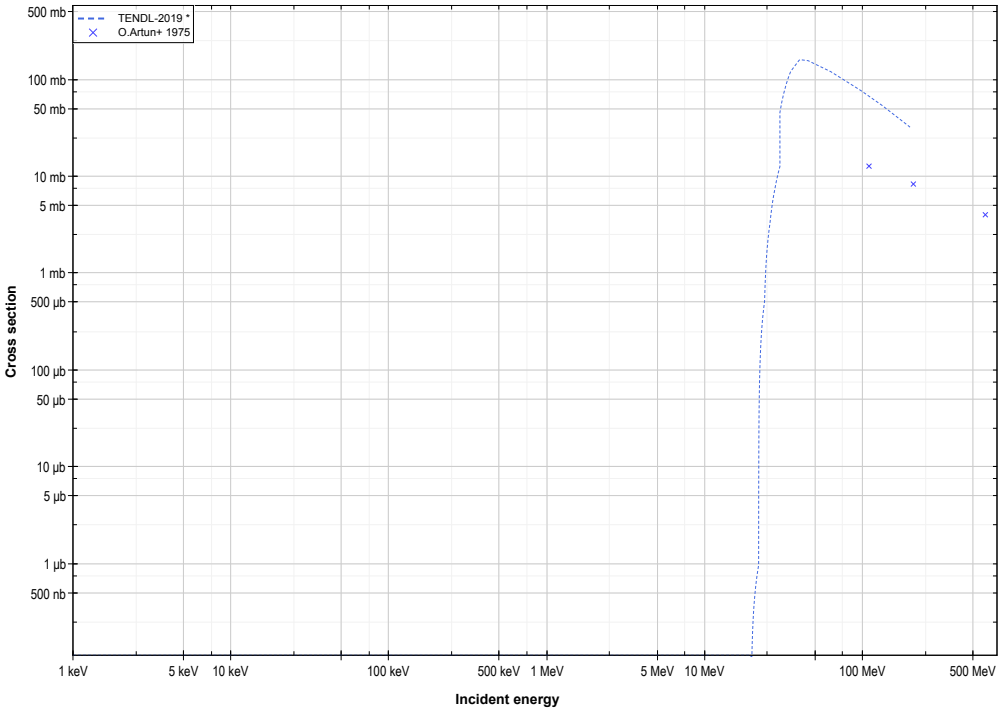
Ca40 (p,p+α) or Ar36 production lin-log



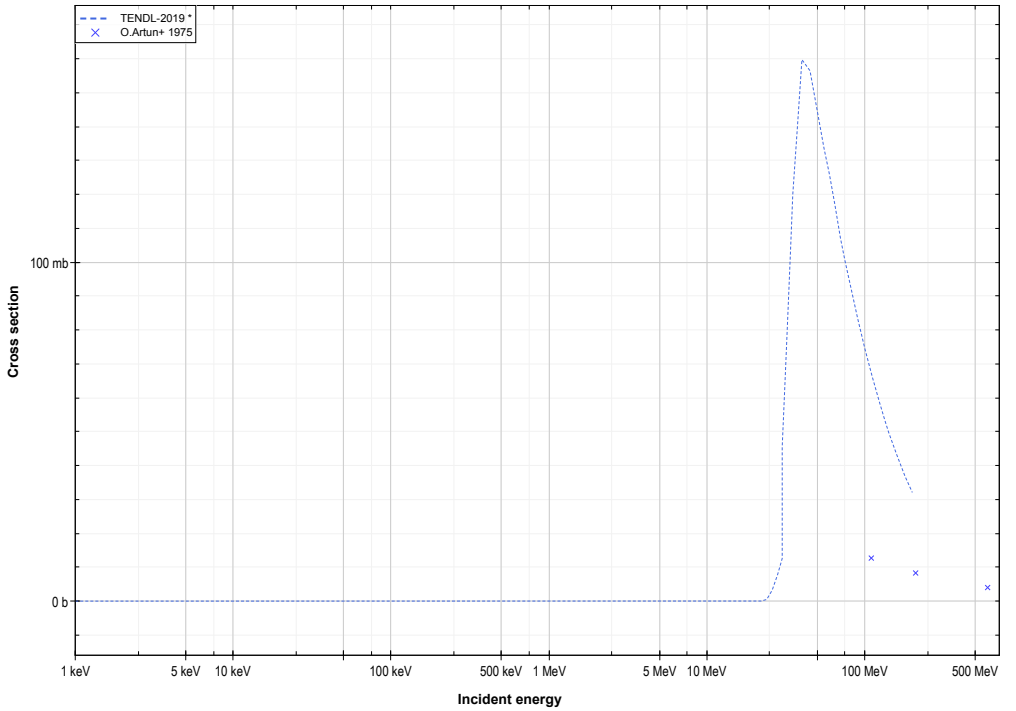
Reaction	Q-Value
Ca40(p,p+α)Ar36	-7039.76 keV
Ca40(p,d+He3)Ar36	-25392.81 keV
Ca40(p,2p+t)Ar36	-26853.62 keV
Ca40(p,n+p+He3)Ar36	-27617.38 keV
Ca40(p,p+2d)Ar36	-30886.29 keV
Ca40(p,n+2p+d)Ar36	-33110.85 keV
Ca40(p,2n+3p)Ar36	-35335.42 keV

<< 18-Ar-40	**20-Ca-40**	22-Ti-46 >>
<< MT112 (p,p+α)	**MT115 (p,p+d) or MT5 (K38 production)**	MT186 (p,n+p+³He) >>

Ca40 (p,p+d) or K38 production log-log



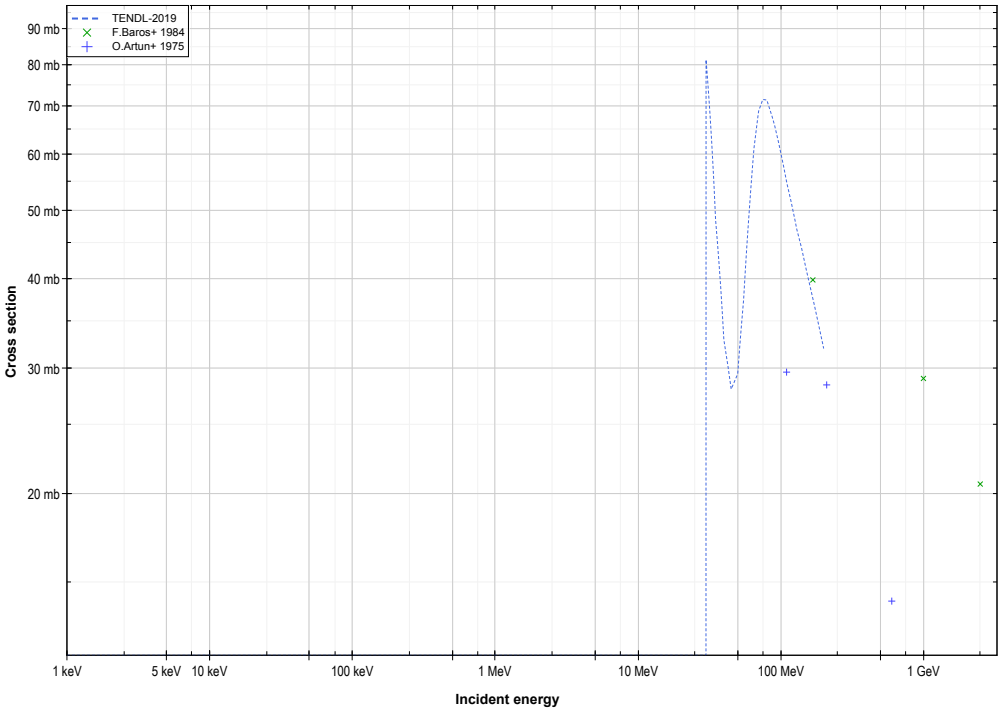
Ca40 (p,p+d) or K38 production lin-log



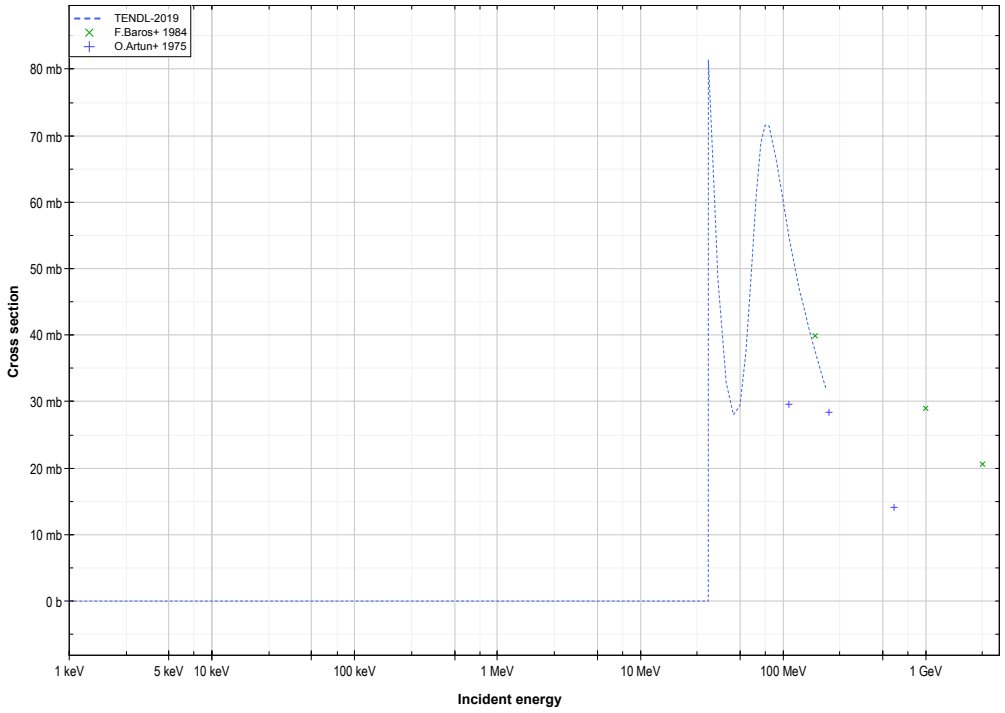
Reaction	Q-Value
Ca40(p,He3)K38	-13687.88 keV
Ca40(p,p+d)K38	-19181.36 keV
Ca40(p,n+2p)K38	-21405.92 keV

<< 14-Si-28	**20-Ca-40**	23-V-51 >>
<< MT115 (p,p+d)	**MT186 (p,n+p+^{3}He) or MT5 (Ar36 production)**	MT191 (p,p+^{3}He) >>

Ca40 (p,n+p+^{3}He) or Ar36 production log-log



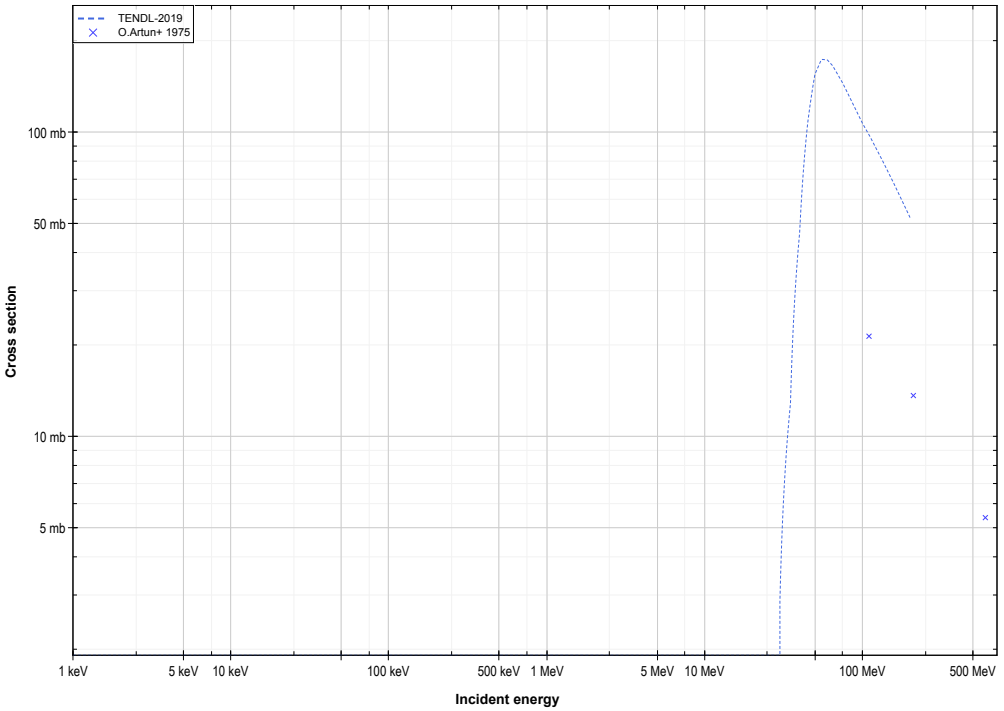
Ca40 (p,n+p+^{3}He) or Ar36 production lin-log



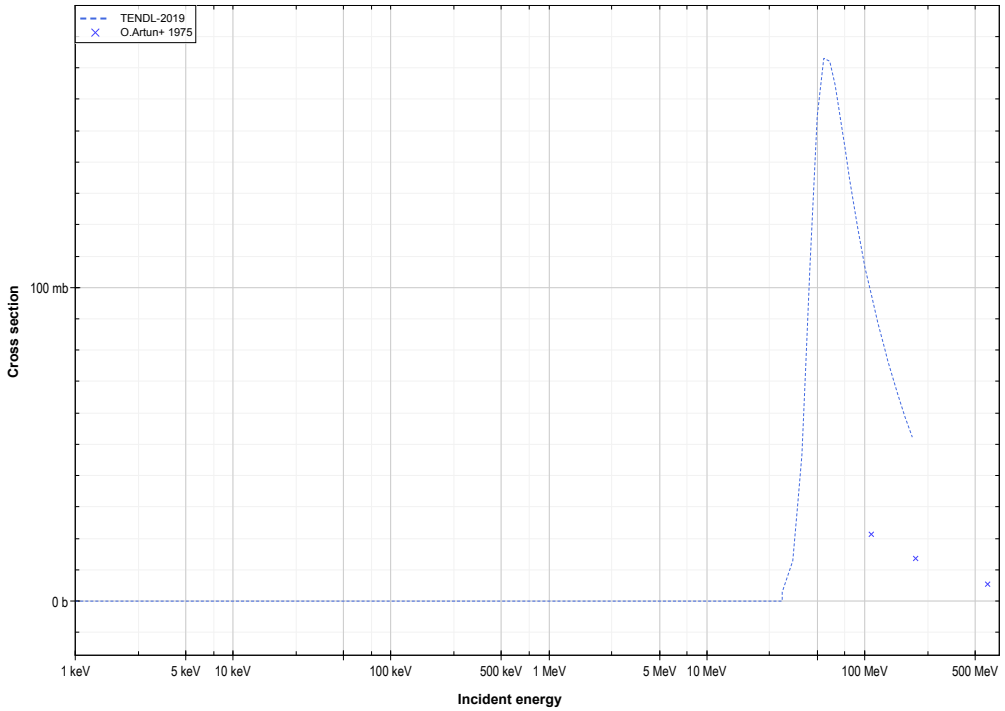
Reaction	Q-Value
Ca40(p,p+α)Ar36	-7039.76 keV
Ca40(p,d+He3)Ar36	-25392.81 keV
Ca40(p,2p+t)Ar36	-26853.62 keV
Ca40(p,n+p+He3)Ar36	-27617.38 keV
Ca40(p,p+2d)Ar36	-30886.29 keV
Ca40(p,n+2p+d)Ar36	-33110.85 keV
Ca40(p,2n+3p)Ar36	-35335.42 keV

<< 14-Si-28	**20-Ca-40**	23-V-51 >>
<< MT186 (p,n+p+^{3}He)	**MT191 (p,p+^{3}He) or MT5 (Ar37 production)**	MT192 (p,d+^{3}He) >>

Ca40 (p,p+^{3}He) or Ar37 production log-log



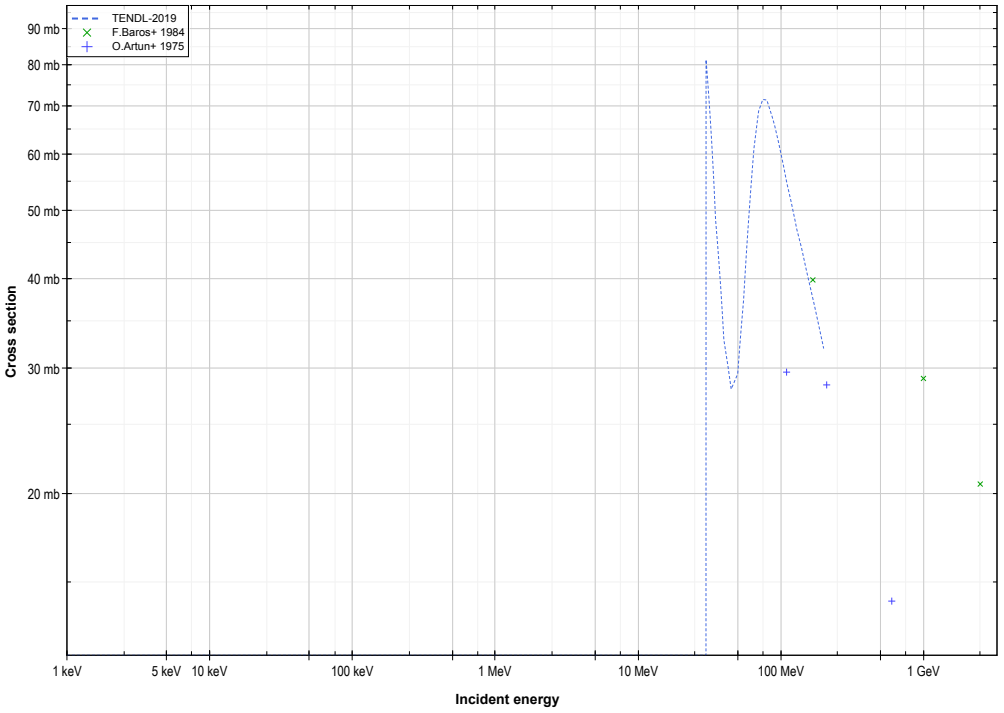
Ca40 (p,p+^{3}He) or Ar37 production lin-log



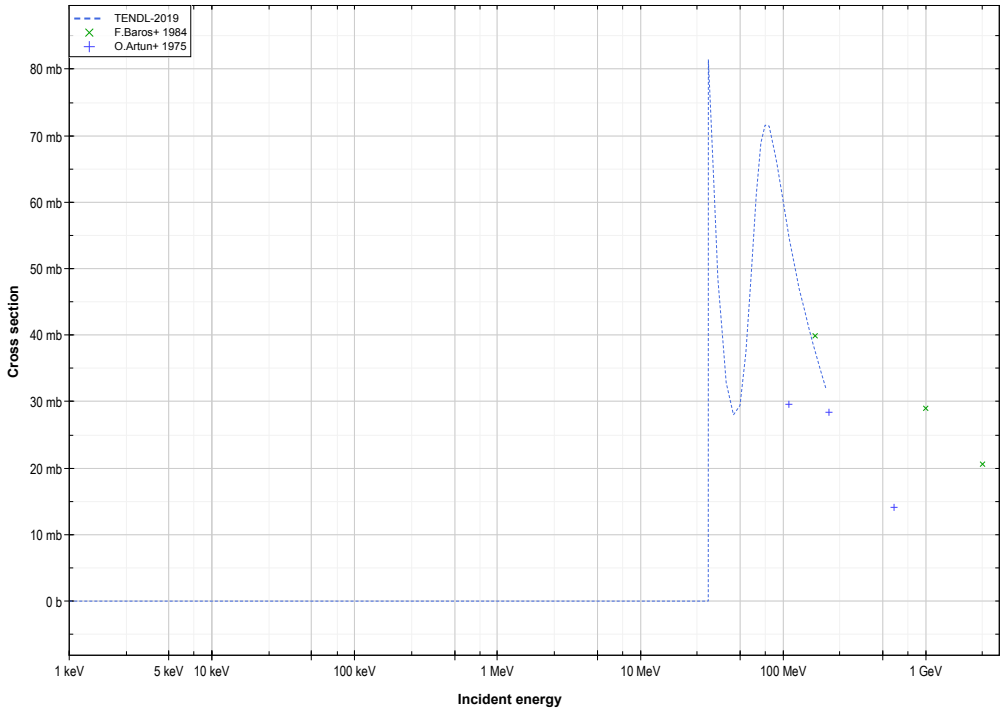
Reaction	Q-Value
Ca40(p,p+He3)Ar37	-18829.94 keV
Ca40(p,2p+d)Ar37	-24323.42 keV
Ca40(p,n+3p)Ar37	-26547.98 keV

<< 14-Si-28	**20-Ca-40**	23-V-51 >>
<< MT191 (p,p+^{3}He)	**MT192 (p,d+^{3}He) or MT5 (Ar36 production)**	MT197 (p,3p) >>

Ca40 (p,d+h) or Ar36 production log-log



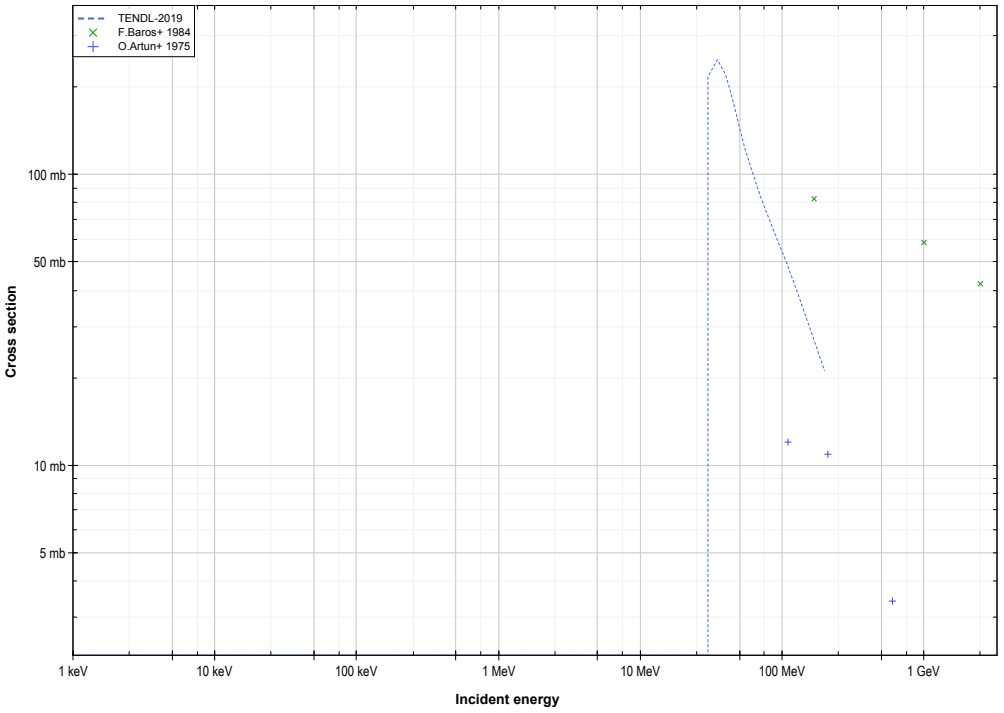
Ca40 (p,d+h) or Ar36 production lin-log



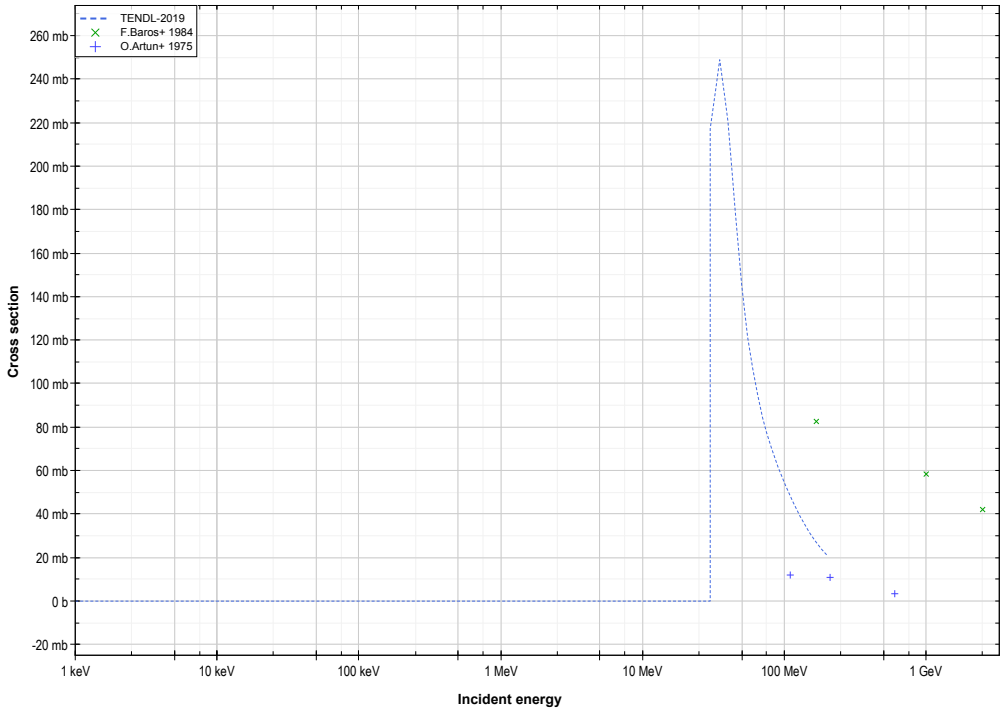
Reaction	Q-Value
Ca40(p,p+α)Ar36	-7039.76 keV
Ca40(p,d+He3)Ar36	-25392.81 keV
Ca40(p,2p+t)Ar36	-26853.62 keV
Ca40(p,n+p+He3)Ar36	-27617.38 keV
Ca40(p,p+2d)Ar36	-30886.29 keV
Ca40(p,n+2p+d)Ar36	-33110.85 keV
Ca40(p,2n+3p)Ar36	-35335.42 keV

<< 15-P-31	**20-Ca-40**	21-Sc-45 >>
<< MT192 (p,d+³He)	**MT197 (p,3p) or MT5 (Ar38 production)**	MT198 (p,n+3p) >>

Ca40 (p,3p) or Ar38 production log-log



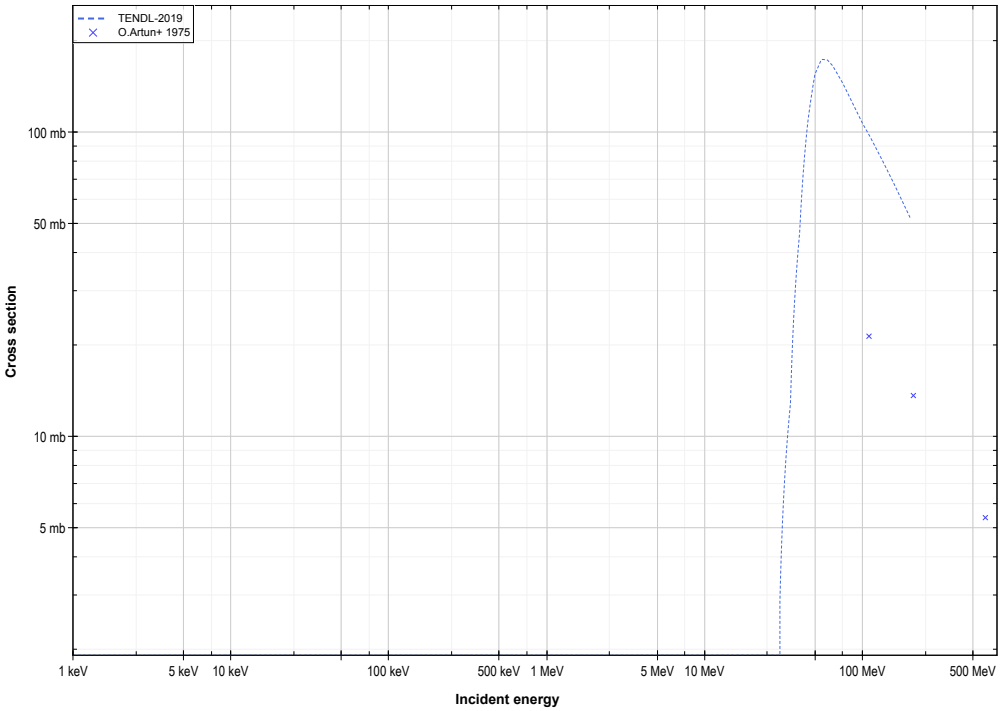
Ca40 (p,3p) or Ar38 production lin-log



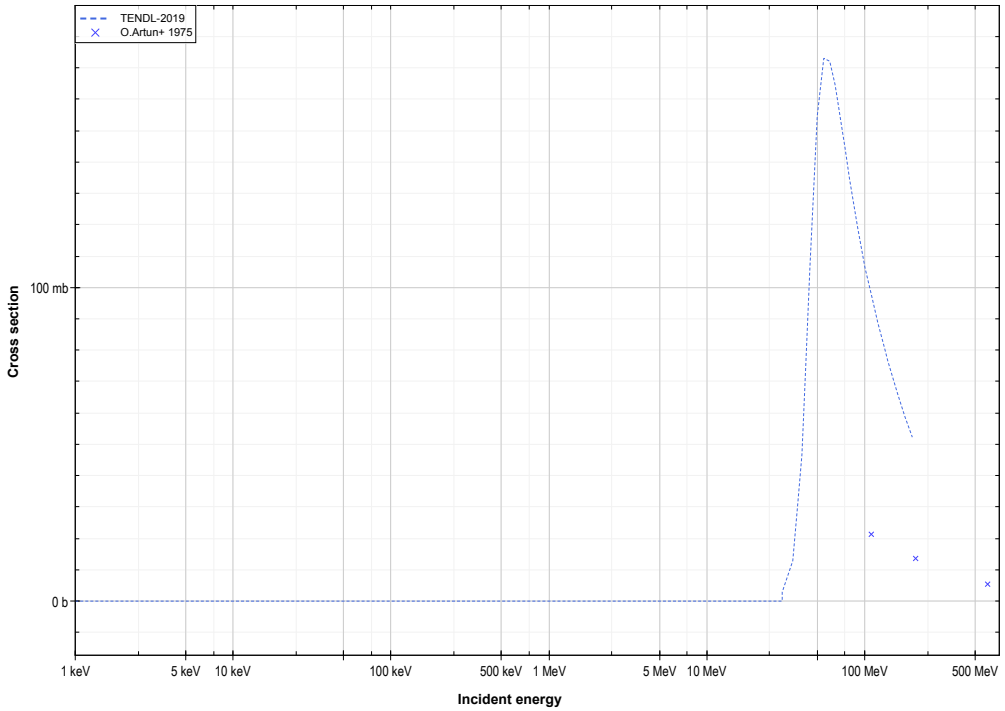
Reaction	Q-Value
Ca40(p,3p)Ar38	-14709.51 keV

<< 14-Si-28	**20-Ca-40**	21-Sc-45 >>
<< MT197 (p,3p)	**MT198 (p,n+3p) or MT5 (Ar37 production)**	20-Ca-42 MT102 (p,γ) >>

Ca40 (p,n+3p) or Ar37 production log-log



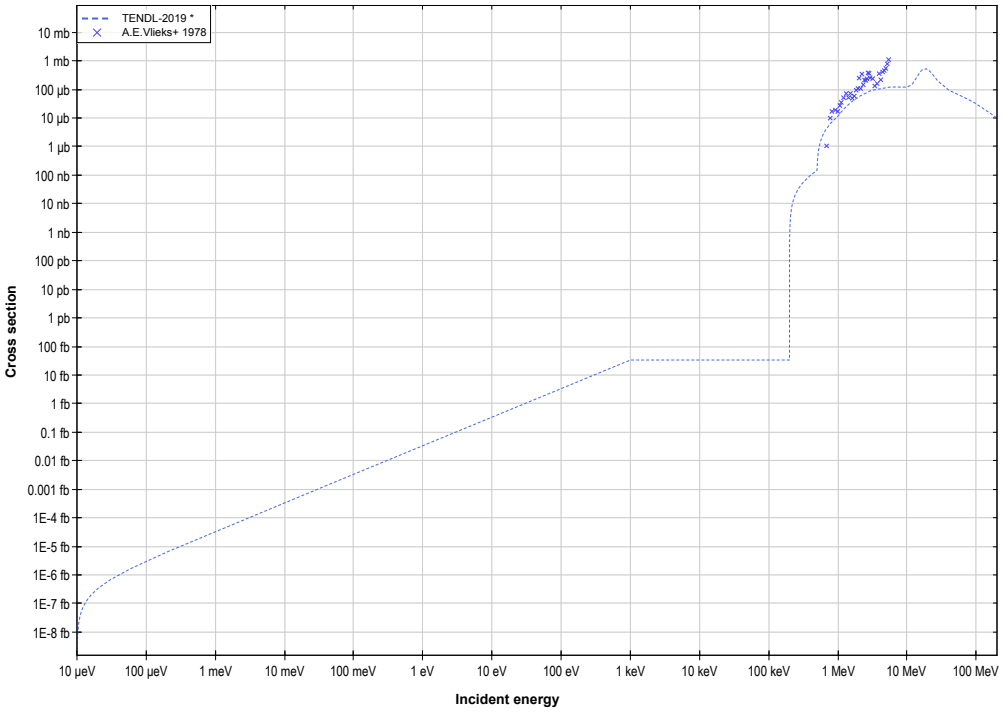
Ca40 (p,n+3p) or Ar37 production lin-log



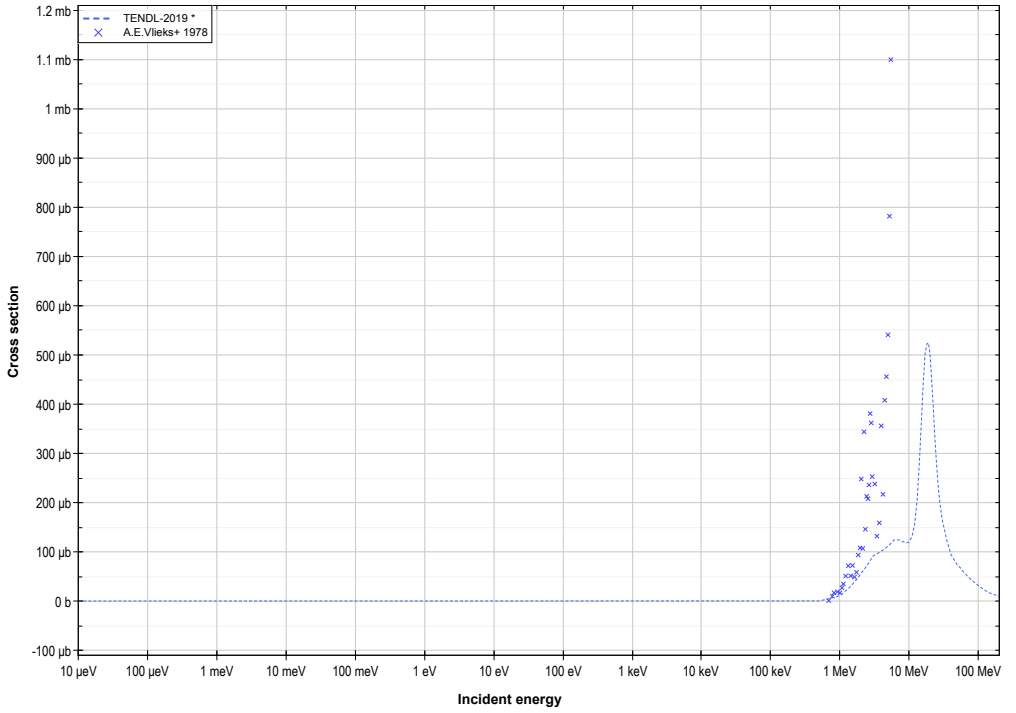
Reaction	Q-Value
Ca40(p,p+He3)Ar37	-18829.94 keV
Ca40(p,2p+d)Ar37	-24323.42 keV
Ca40(p,n+3p)Ar37	-26547.98 keV

<< 19-K-41	**20-Ca-42**	20-Ca-44 >>
<< 20-Ca-40 MT198 (p,n+3p)	**MT102 (p,γ) or MT5 (Sc43 production)**	20-Ca-43 MT4 (p,n) >>

Ca42 (p,γ) or Sc43 production log-log



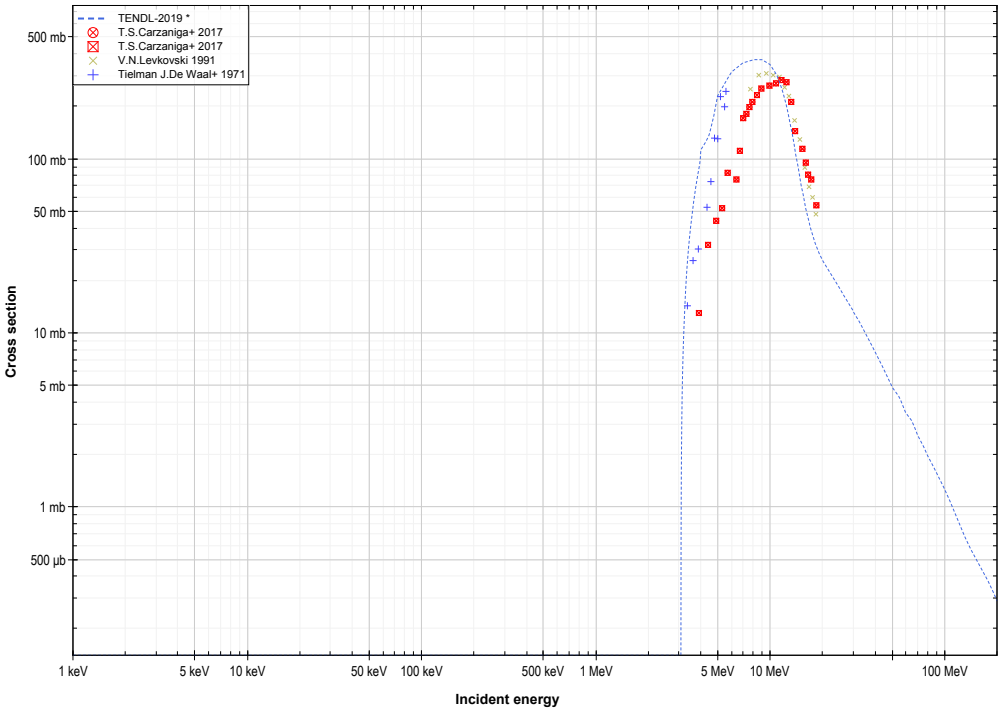
Ca42 (p,γ) or Sc43 production lin-log



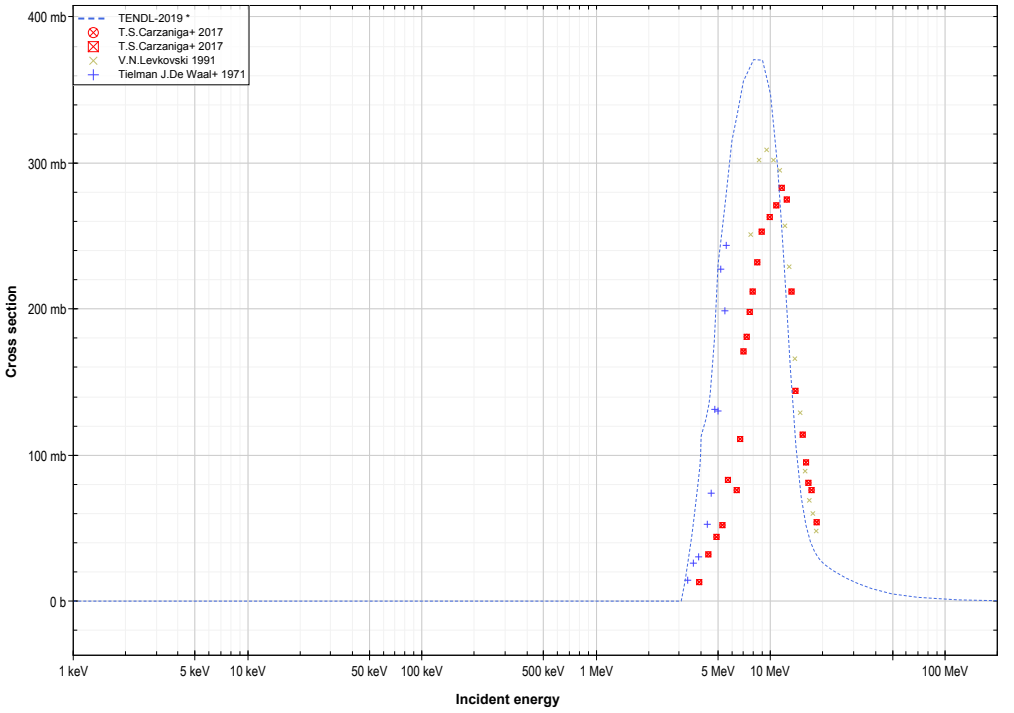
Reaction	Q-Value
Ca42(p,γ)Sc43	4929.83 keV

<< 19-K-41	**20-Ca-43**	20-Ca-44 >>
<< 20-Ca-42 MT102 (p,γ)	**MT4 (p,n) or MT5 (Sc43 production)**	MT111 (p,2p) >>

Ca43 (p,n) or Sc43 production log-log



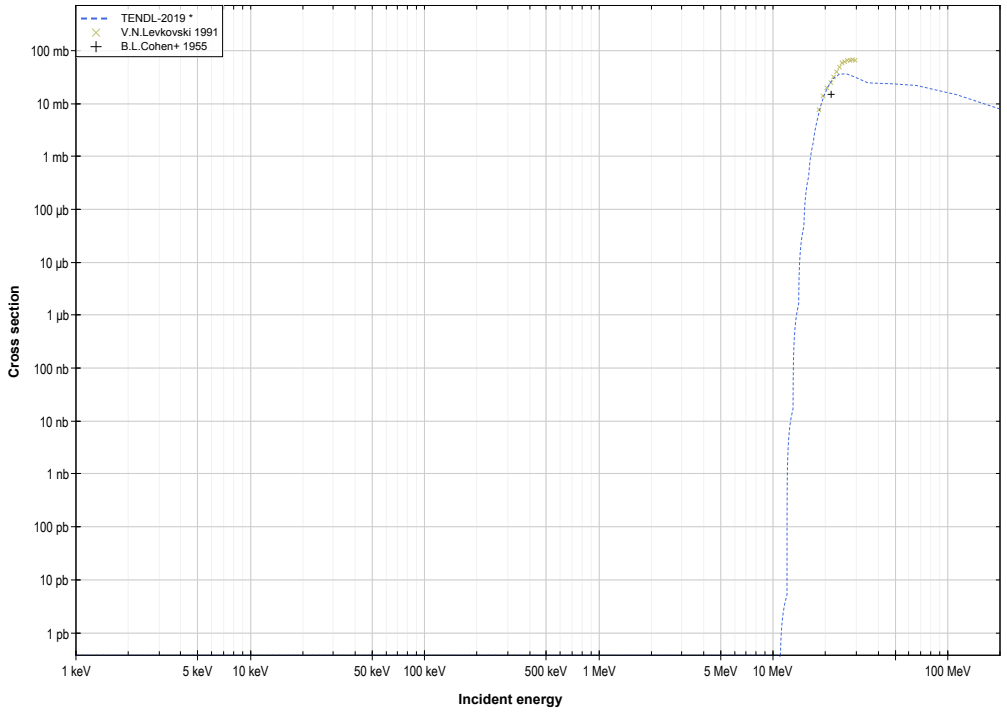
Ca43 (p,n) or Sc43 production lin-log



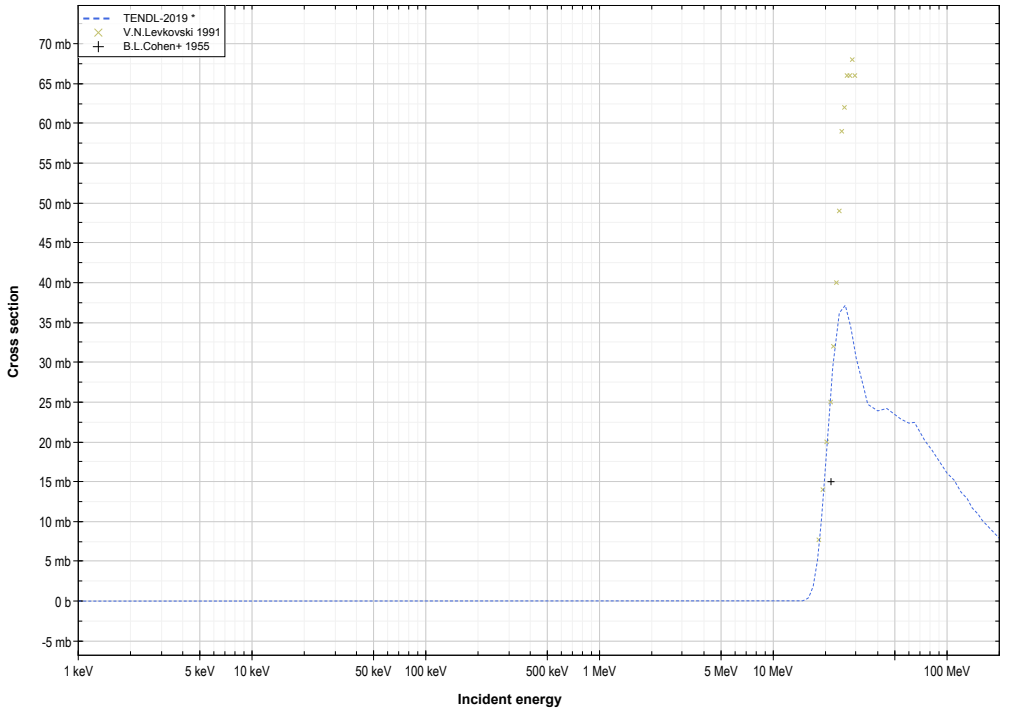
Reaction	Q-Value
Ca43(p,n)Sc43	-3003.07 keV

<< 20-Ca-40	**20-Ca-43**	20-Ca-44 >>
<< MT4 (p,n)	**MT111 (p,2p) or MT5 (K42 production)**	20-Ca-44 MT4 (p,n) >>

Ca43 (p,2p) or K42 production log-log



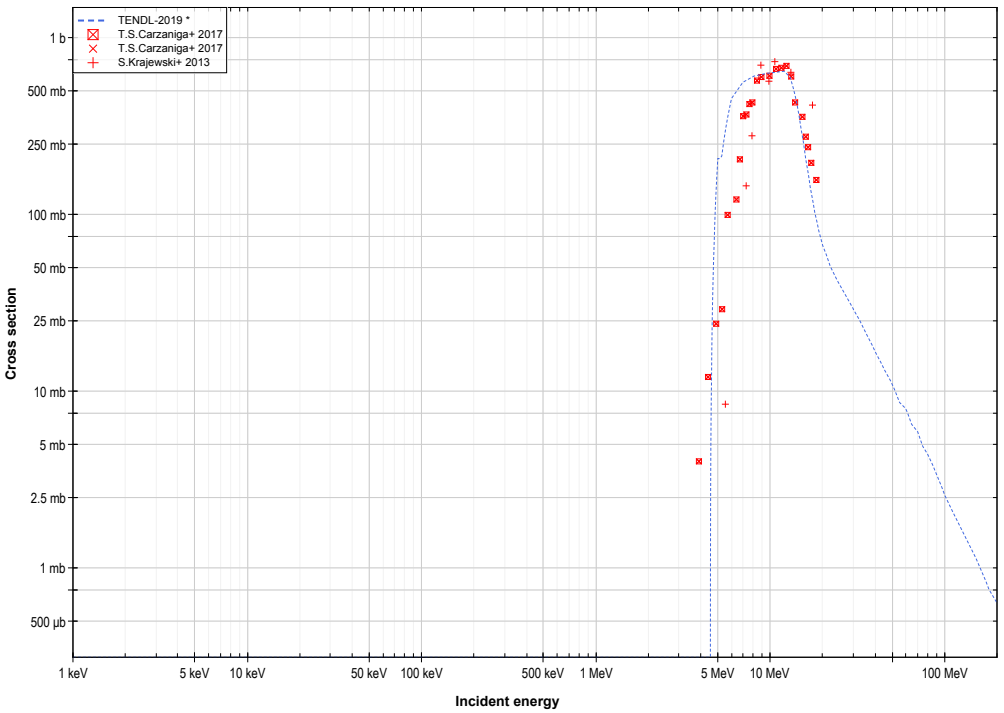
Ca43 (p,2p) or K42 production lin-log



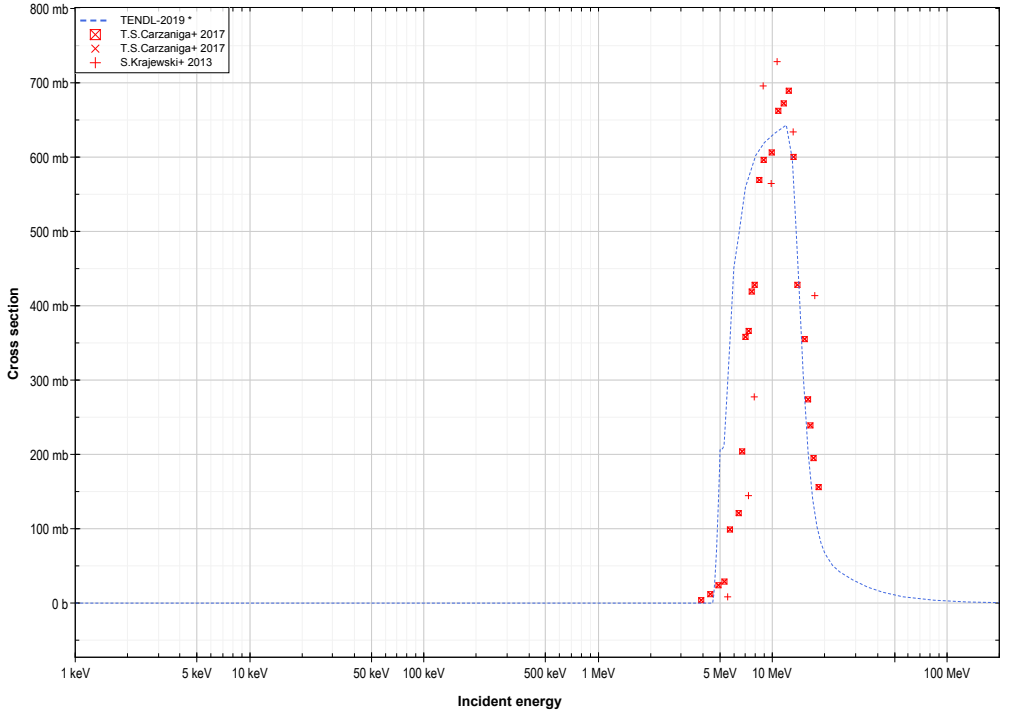
Reaction	Q-Value
Ca43(p,2p)K42	-10675.76 keV

<< 20-Ca-43	**20-Ca-44**	20-Ca-48 >>
<< 20-Ca-43 MT111 (p,2p)	**MT4 (p,n) or MT5 (Sc44 production)**	MT16 (p,2n) >>

Ca44 (p,n) or Sc44 production log-log



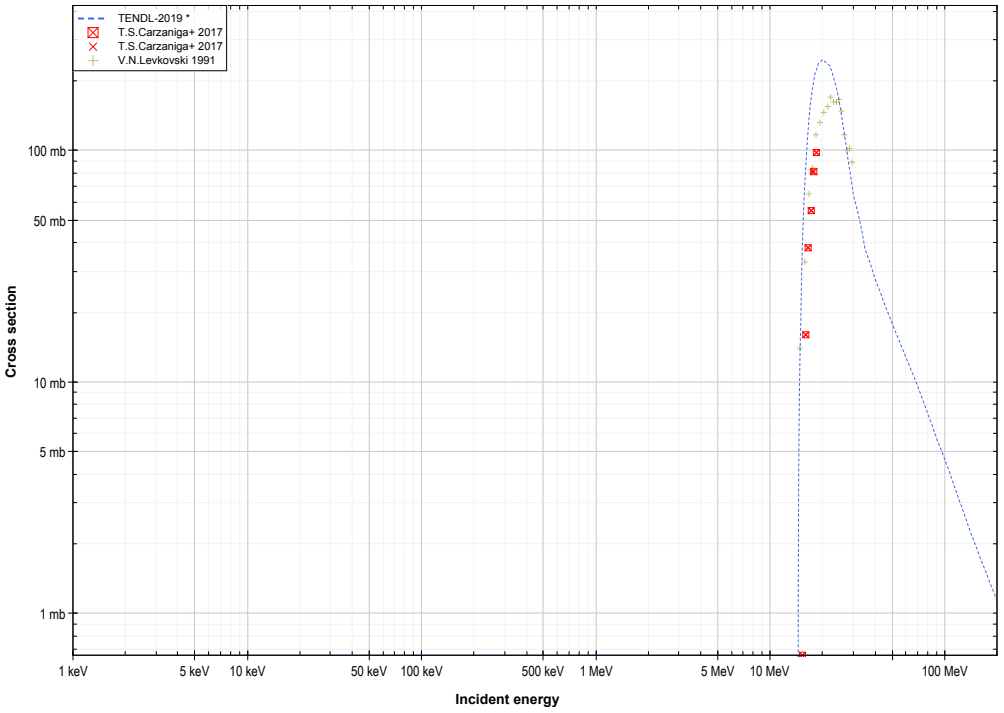
Ca44 (p,n) or Sc44 production lin-log



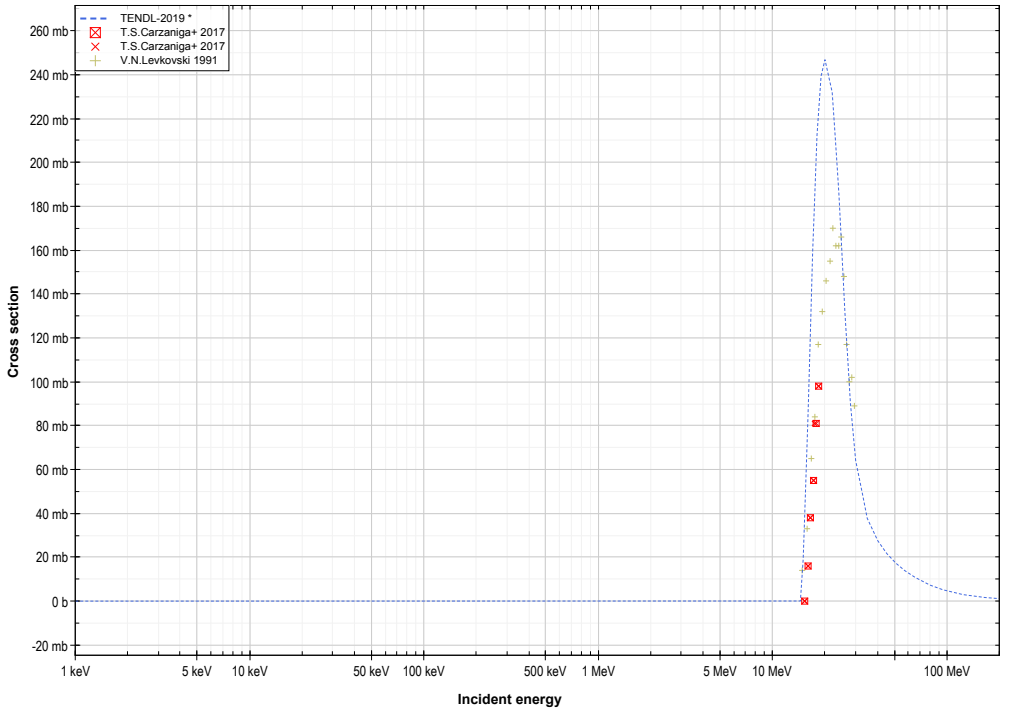
Reaction	Q-Value
Ca44(p,n)Sc44	-4435.05 keV

<< 13-Al-27	**20-Ca-44**	20-Ca-48 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Sc43 production)**	MT102 (p,γ) >>

Ca44 (p,2n) or Sc43 production log-log



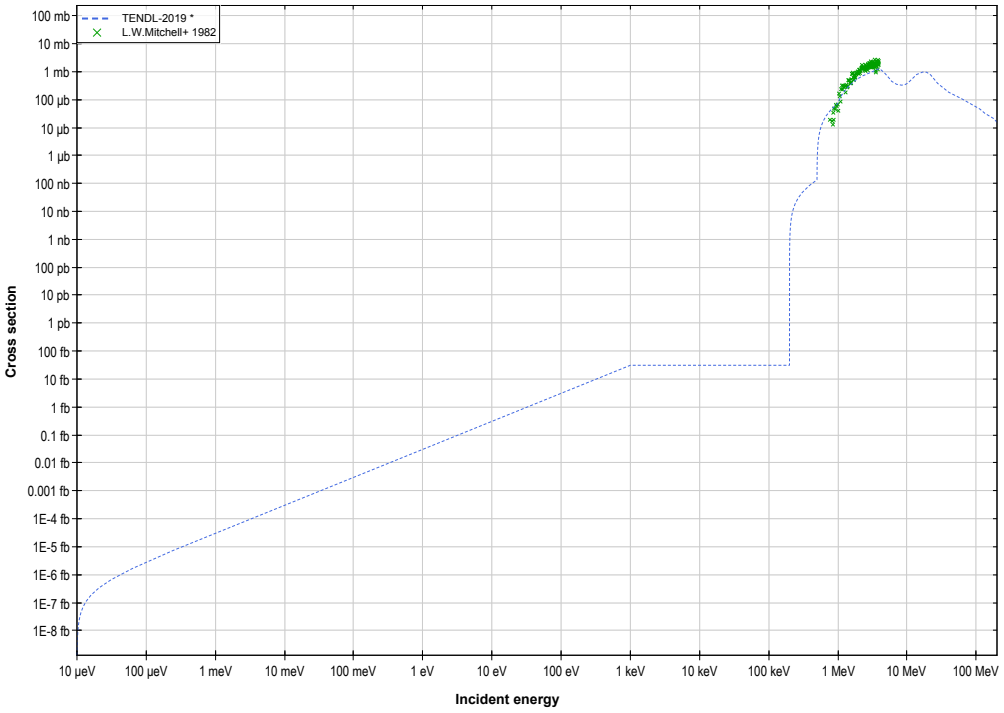
Ca44 (p,2n) or Sc43 production lin-log



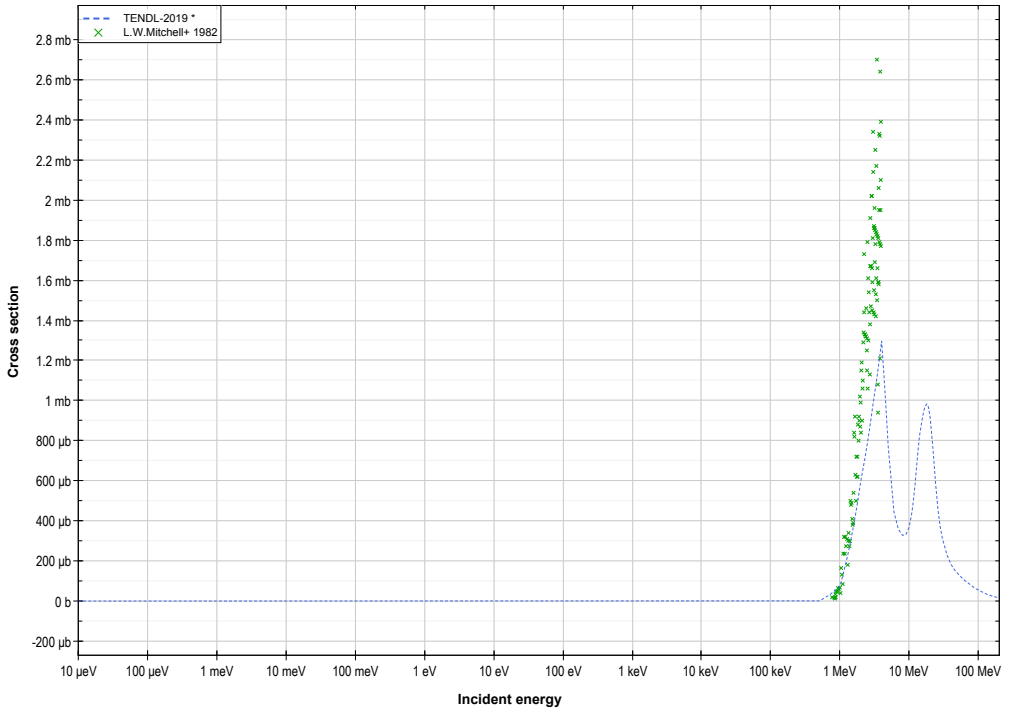
Reaction	Q-Value
Ca44(p,2n)Sc43	-14134.26 keV

<< 20-Ca-42	**20-Ca-44**	20-Ca-48 >>
<< MT16 (p,2n)	**MT102 (p,γ) or MT5 (Sc45 production)**	MT106 (p,³He) >>

Ca44 (p,γ) or Sc45 production log-log



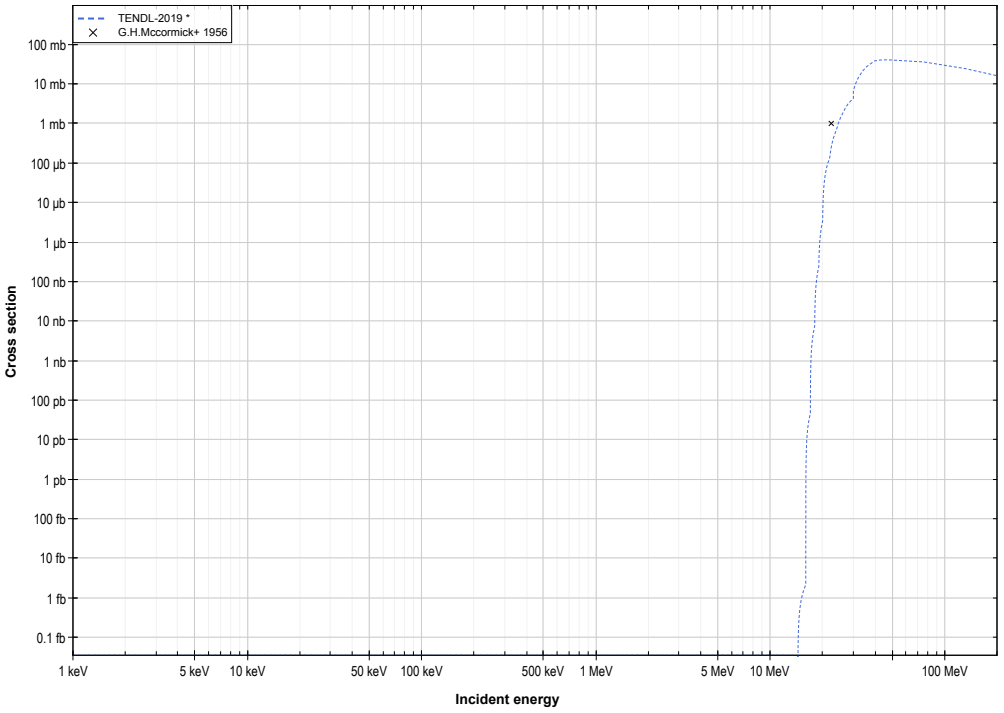
Ca44 (p,γ) or Sc45 production lin-log



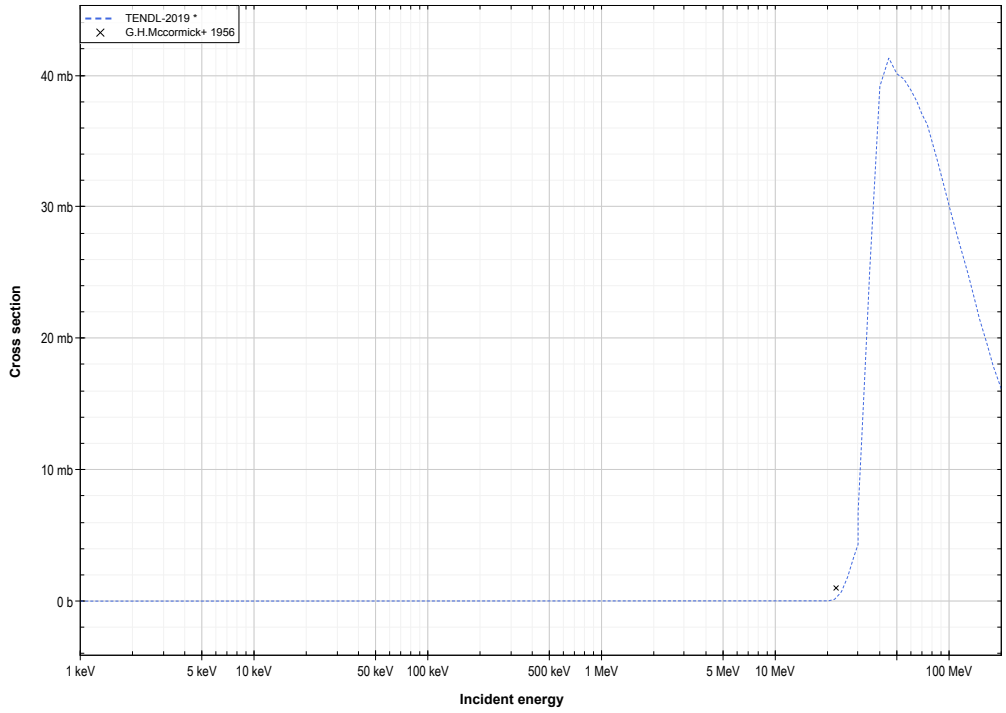
Reaction	Q-Value
Ca44(p,γ)Sc45	6892.17 keV

<< 20-Ca-40	**20-Ca-44**	22-Ti-46 >>
<< MT102 (p,γ)	**MT106 (p,³He) or MT5 (K42 production)**	MT111 (p,2p) >>

Ca44 (p,³He) or K42 production log-log



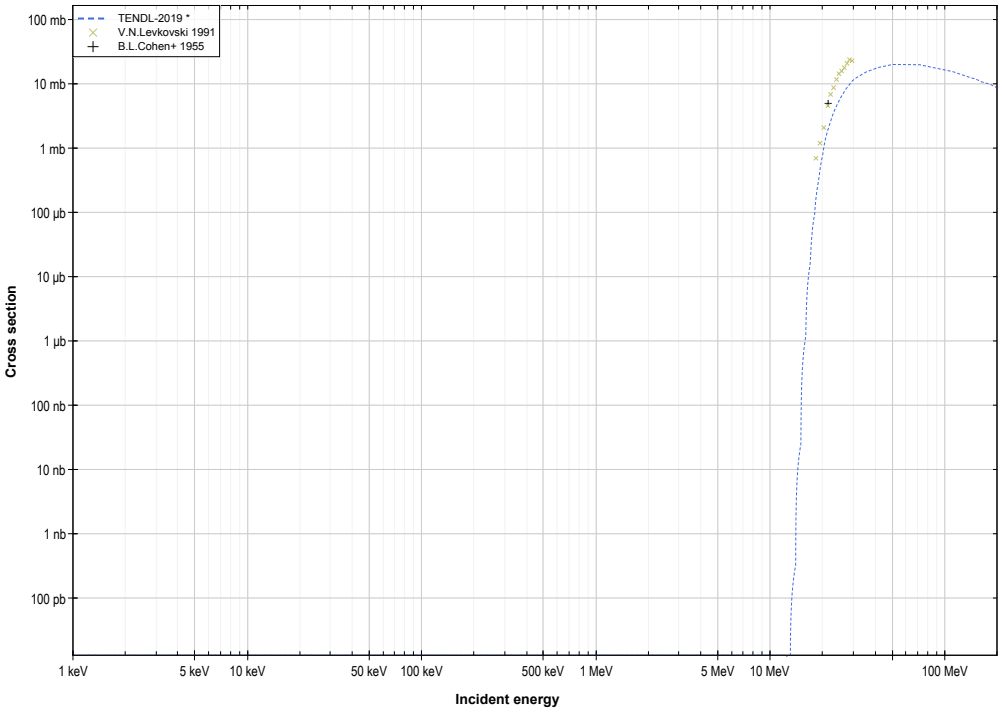
Ca44 (p,³He) or K42 production lin-log



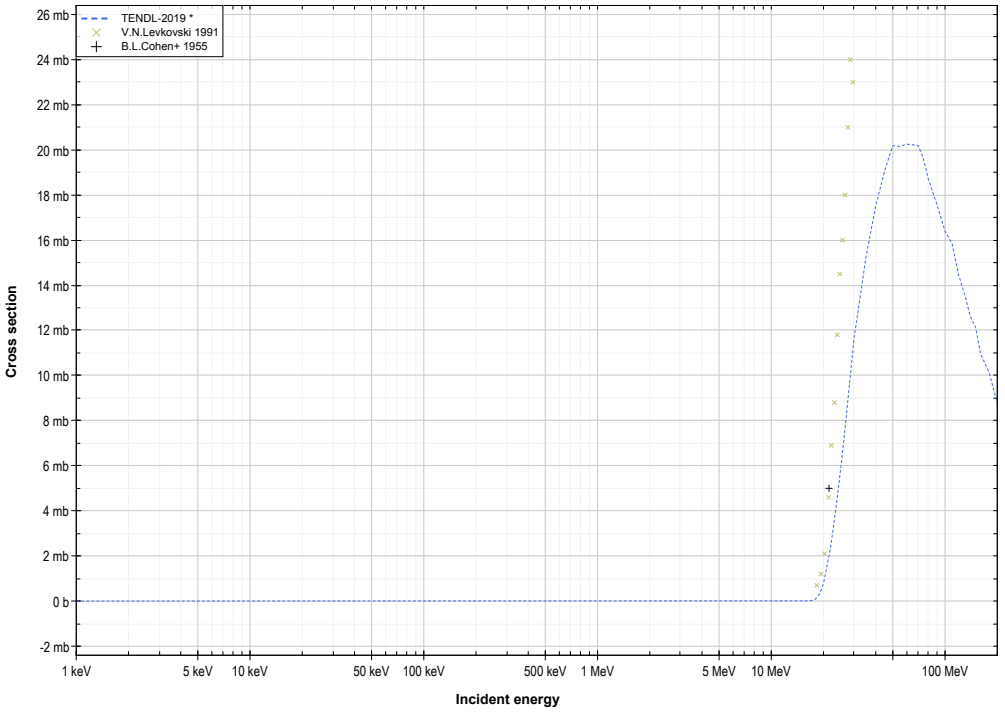
Reaction	Q-Value
Ca44(p,He3)K42	-14088.92 keV
Ca44(p,p+d)K42	-19582.39 keV
Ca44(p,n+2p)K42	-21806.96 keV

<< 20-Ca-43	**20-Ca-44**	22-Ti-47 >>
<< MT106 (p,³He)	**MT111 (p,2p) or MT5 (K43 production)**	20-Ca-48 MT4 (p,n) >>

Ca44 (p,2p) or K43 production log-log



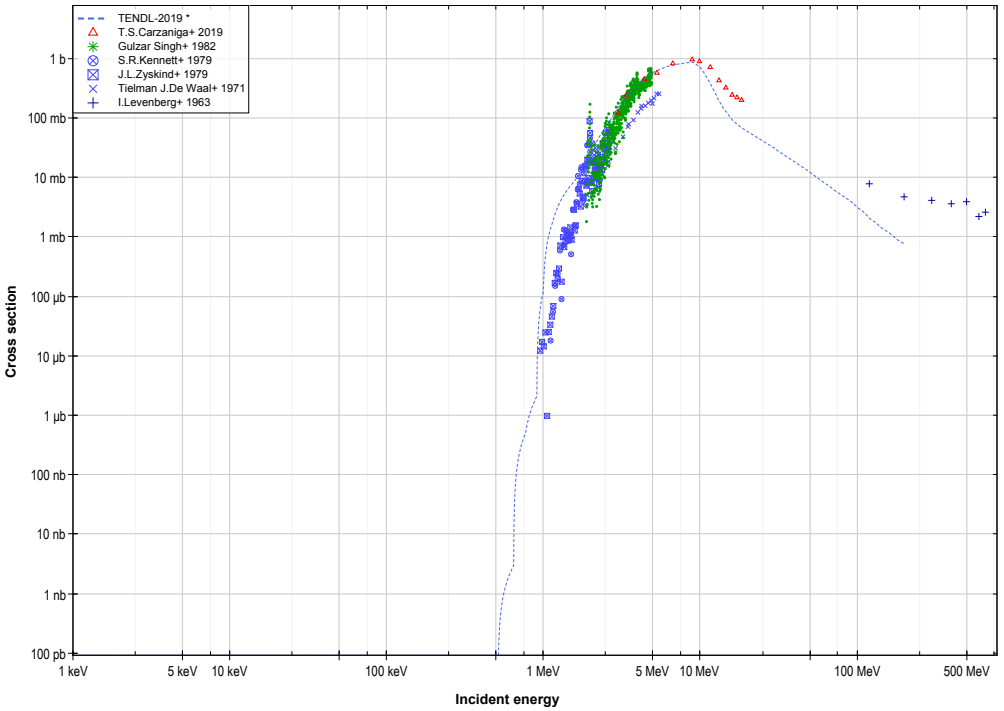
Ca44 (p,2p) or K43 production lin-log



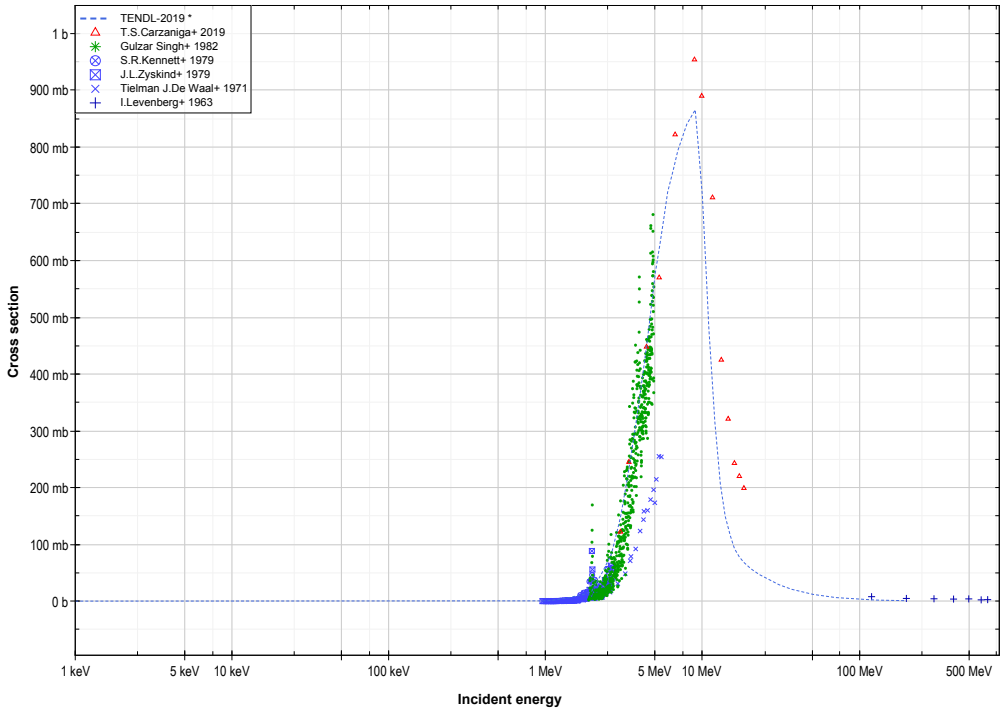
Reaction	Q-Value
Ca44(p,2p)K43	-12182.27 keV

<< 20-Ca-44	**20-Ca-48**	21-Sc-45 >>
<< 20-Ca-44 MT111 (p,2p)	**MT4 (p,n) or MT5 (Sc48 production)**	MT16 (p,2n) >>

Ca48 (p,n) or Sc48 production log-log



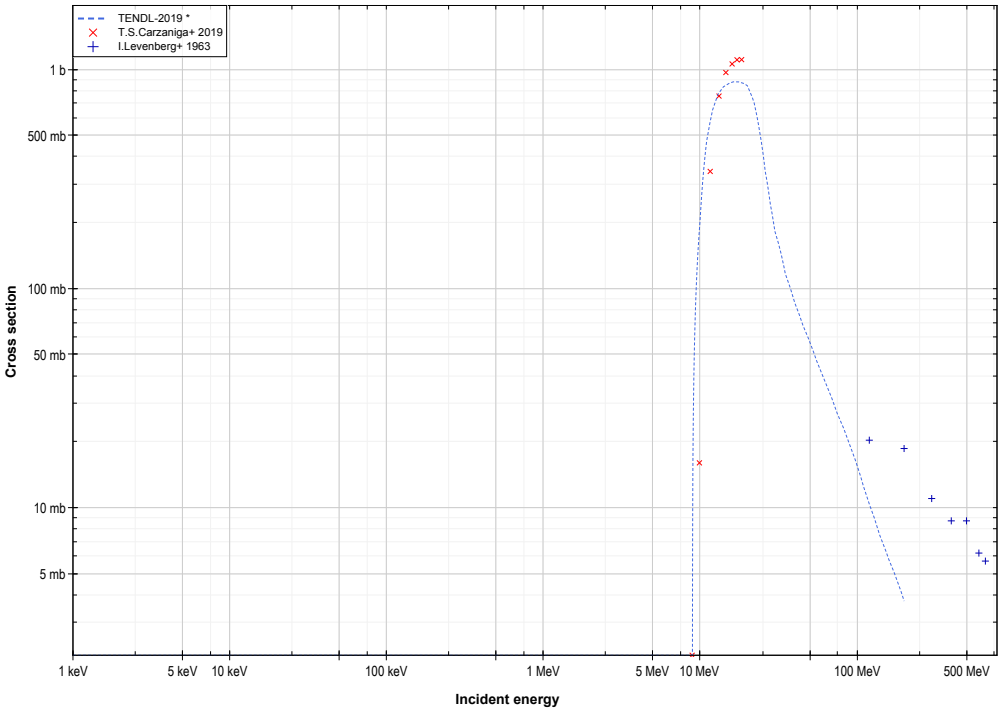
Ca48 (p,n) or Sc48 production lin-log



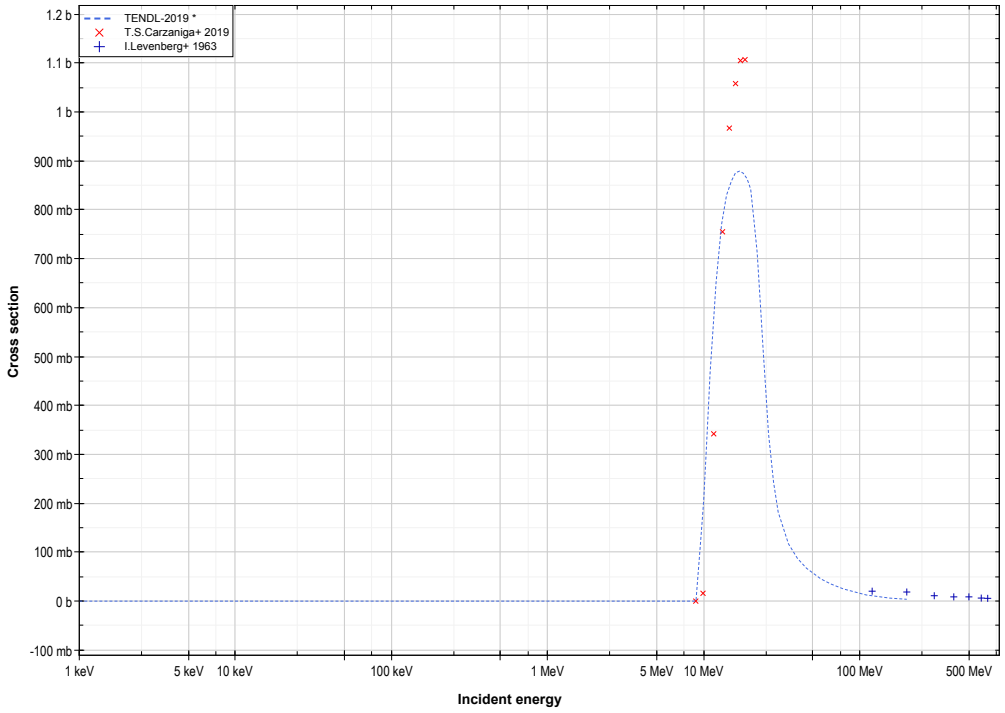
Reaction	Q-Value
Ca48(p,n)Sc48	-502.98 keV

<< 20-Ca-44	**20-Ca-48**	21-Sc-45 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Sc47 production)**	MT28 (p,n+p) >>

Ca48 (p,2n) or Sc47 production log-log



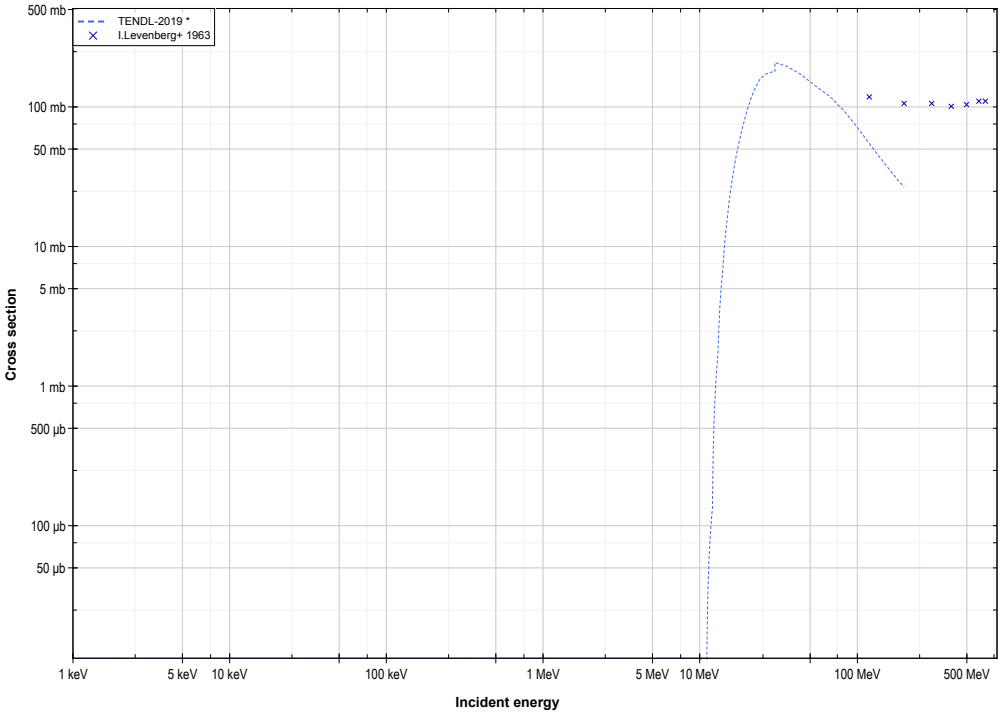
Ca48 (p,2n) or Sc47 production lin-log



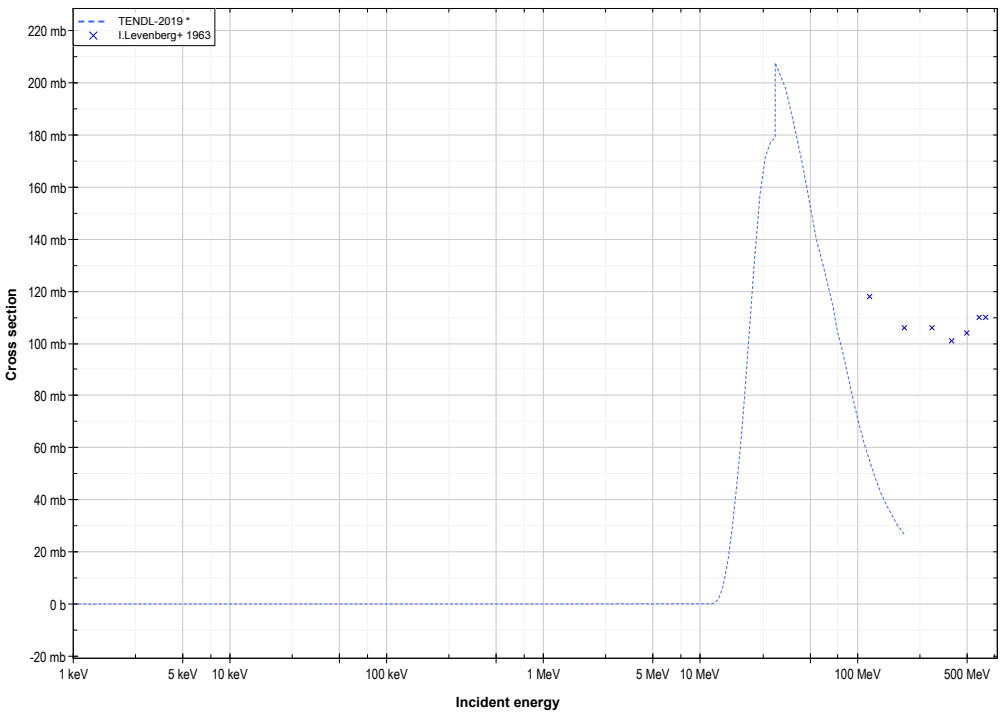
Reaction	Q-Value
Ca48(p,2n)Sc47	-8741.69 keV

<< 20-Ca-40	**20-Ca-48**	21-Sc-45 >>
<< MT16 (p,2n)	**MT28 (p,n+p) or MT5 (Ca47 production)**	MT102 (p,γ) >>

Ca48 (p,n+p) or Ca47 production log-log



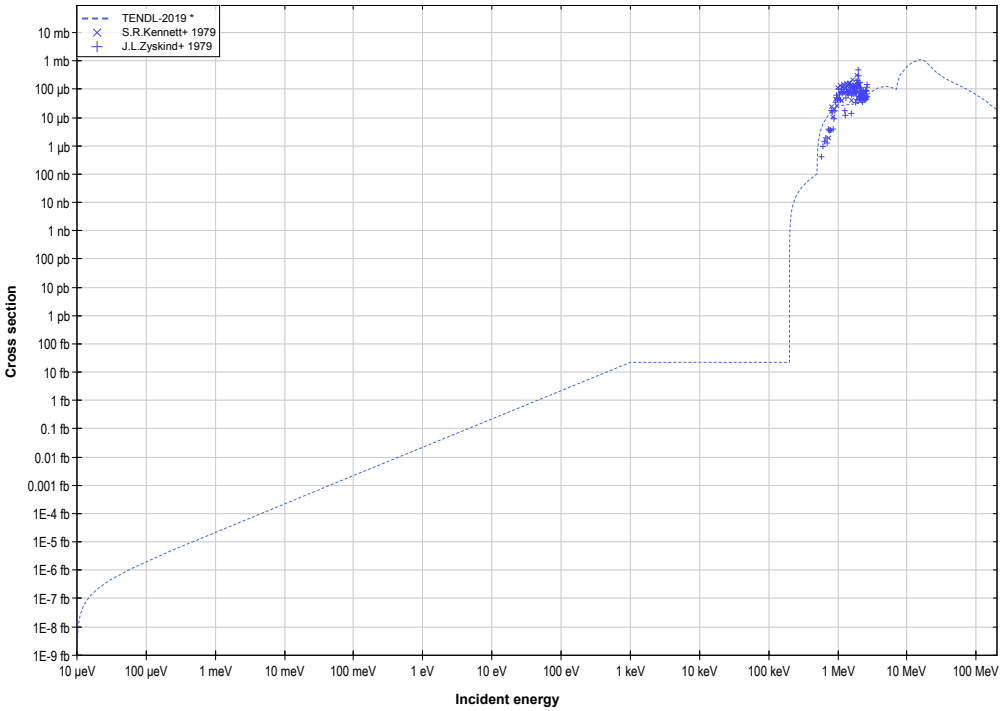
Ca48 (p,n+p) or Ca47 production lin-log



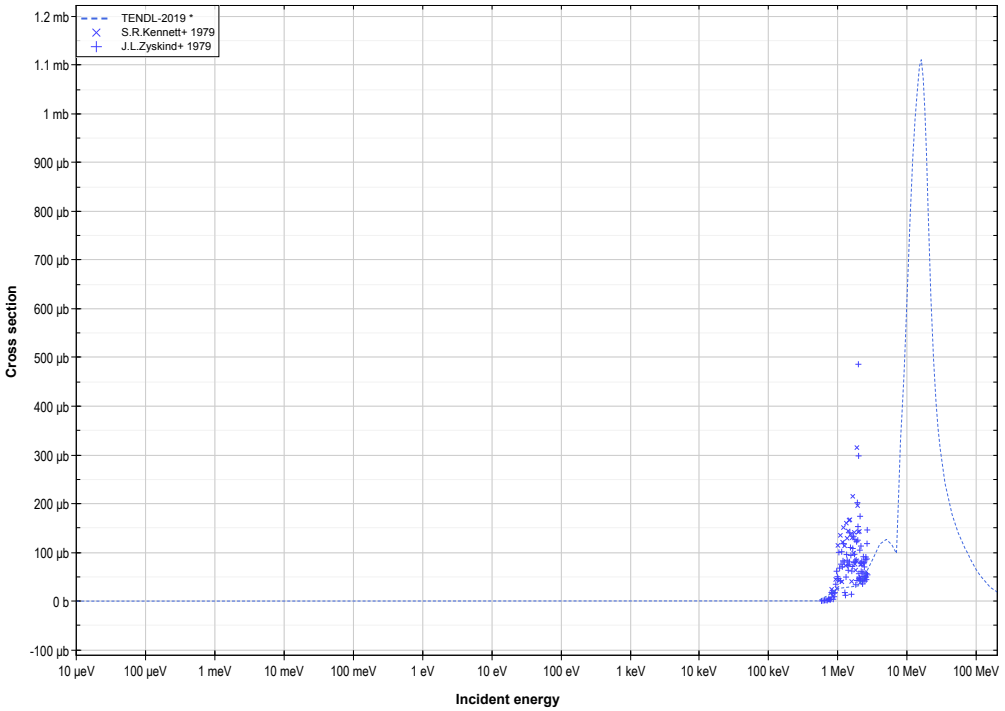
Reaction	Q-Value
Ca48(p,d)Ca47	-7726.98 keV
Ca48(p,n+p)Ca47	-9951.55 keV

<< 20-Ca-44	**20-Ca-48**	21-Sc-45 >>
<< MT28 (p,n+p)	**MT102 (p,γ) or MT5 (Sc49 production)**	MT104 (p,d) >>

Ca48 (p,γ) or Sc49 production log-log



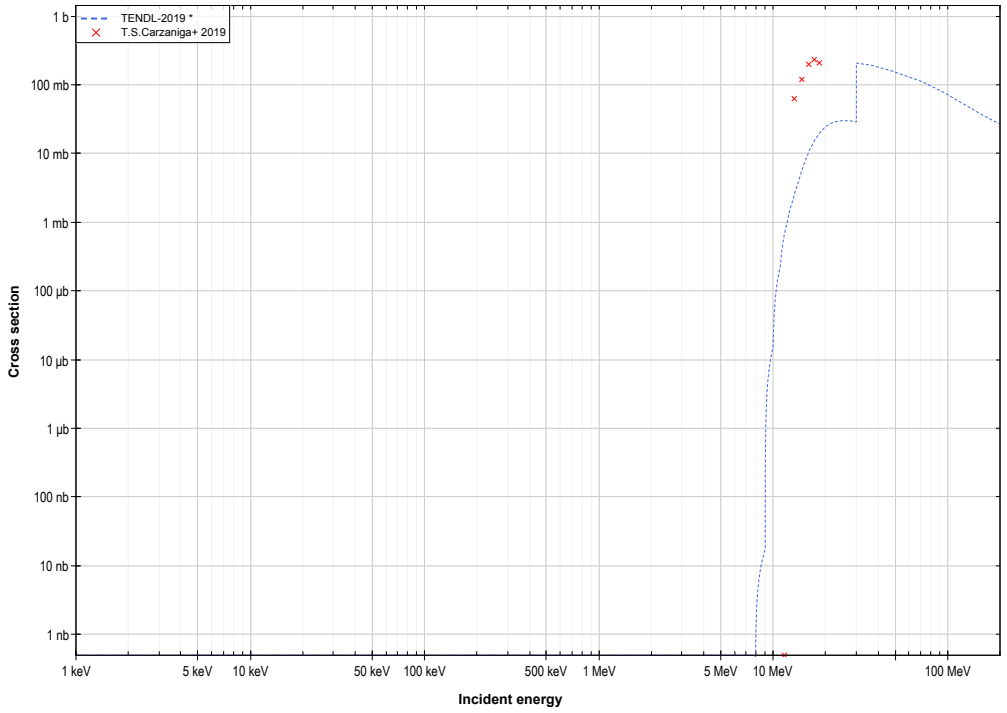
Ca48 (p,γ) or Sc49 production lin-log



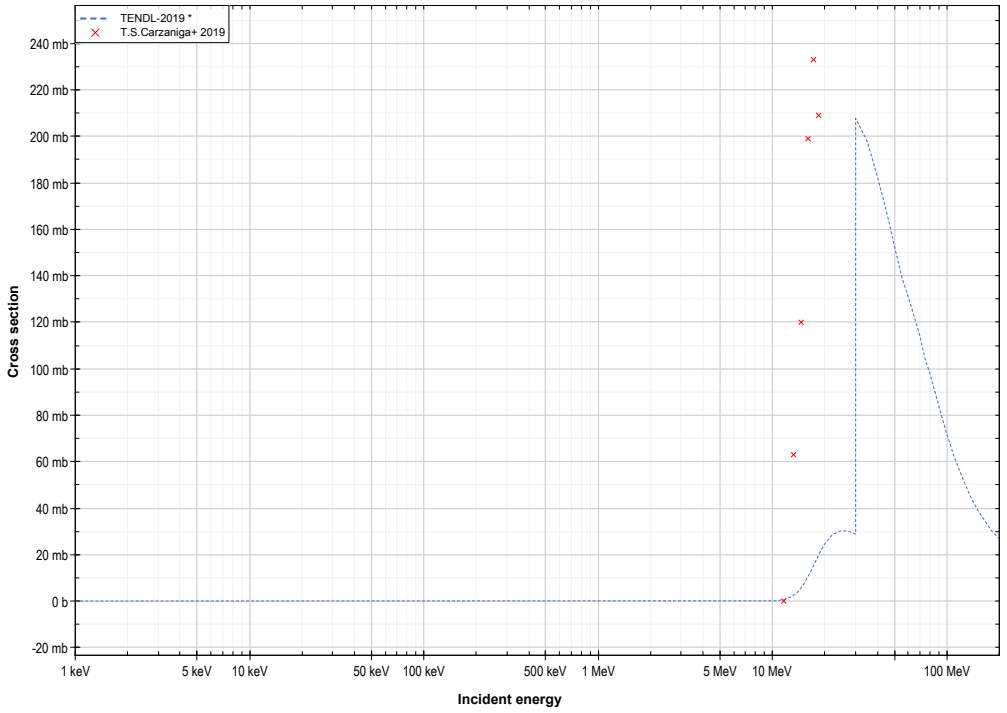
Reaction	Q-Value
Ca48(p,γ)Sc49	9625.64 keV

<< 20-Ca-40	**20-Ca-48**	21-Sc-45 >>
<< MT102 (p,γ)	**MT104 (p,d) or MT5 (Ca47 production)**	21-Sc-45 MT4 (p,n) >>

Ca48 (p,d) or Ca47 production log-log



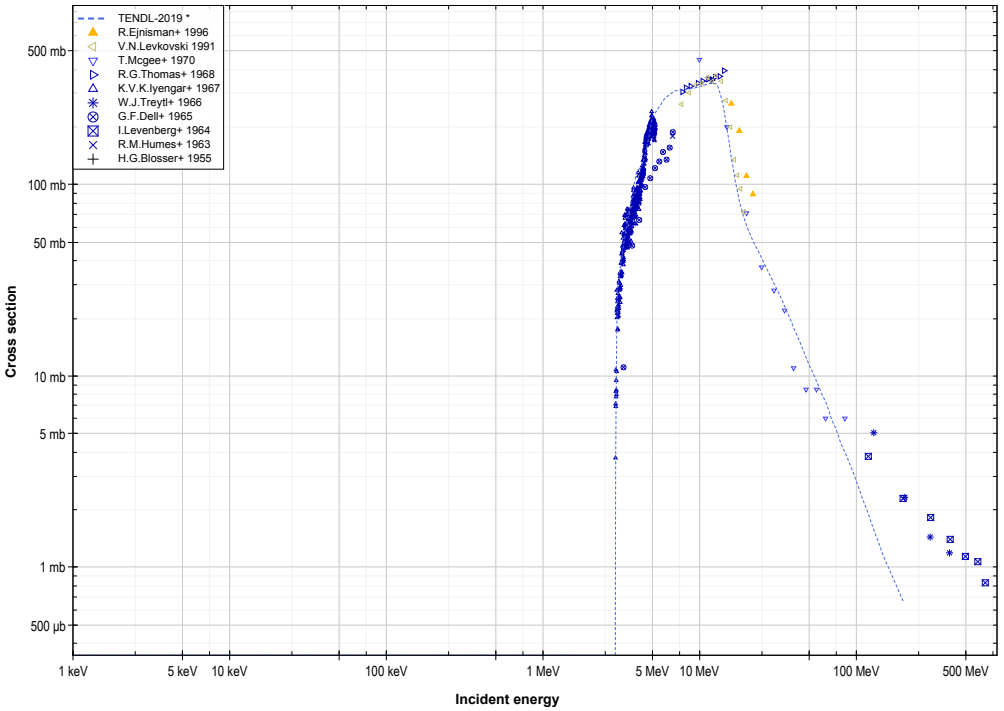
Ca48 (p,d) or Ca47 production lin-log



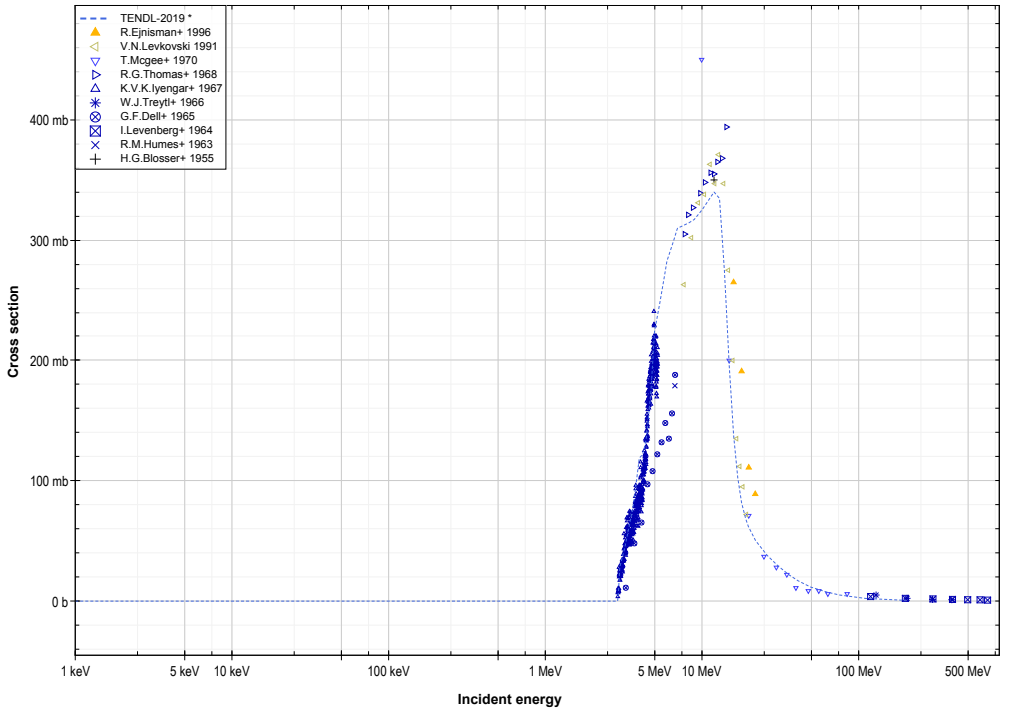
Reaction	Q-Value
Ca48(p,d)Ca47	-7726.98 keV
Ca48(p,n+p)Ca47	-9951.55 keV

<< 20-Ca-48	**21-Sc-45**	22-Ti-47 >>
<< 20-Ca-48 MT104 (p,d)	**MT4 (p,n) or MT5 (Ti45 production)**	MT16 (p,2n) >>

Sc45 (p,n) or Ti45 production log-log



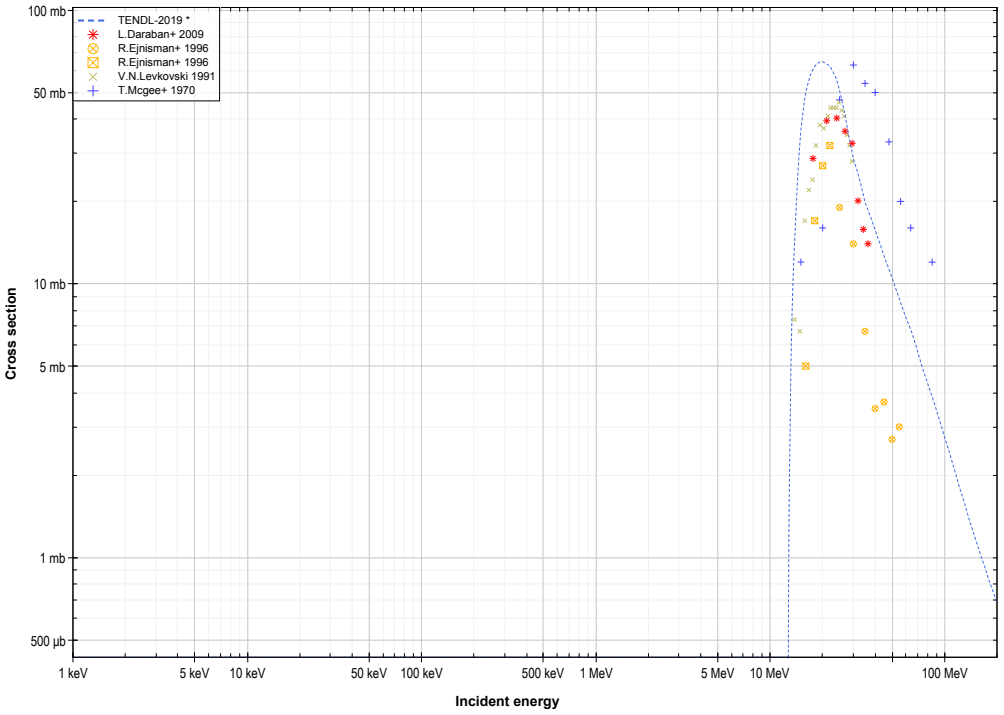
Sc45 (p,n) or Ti45 production lin-log



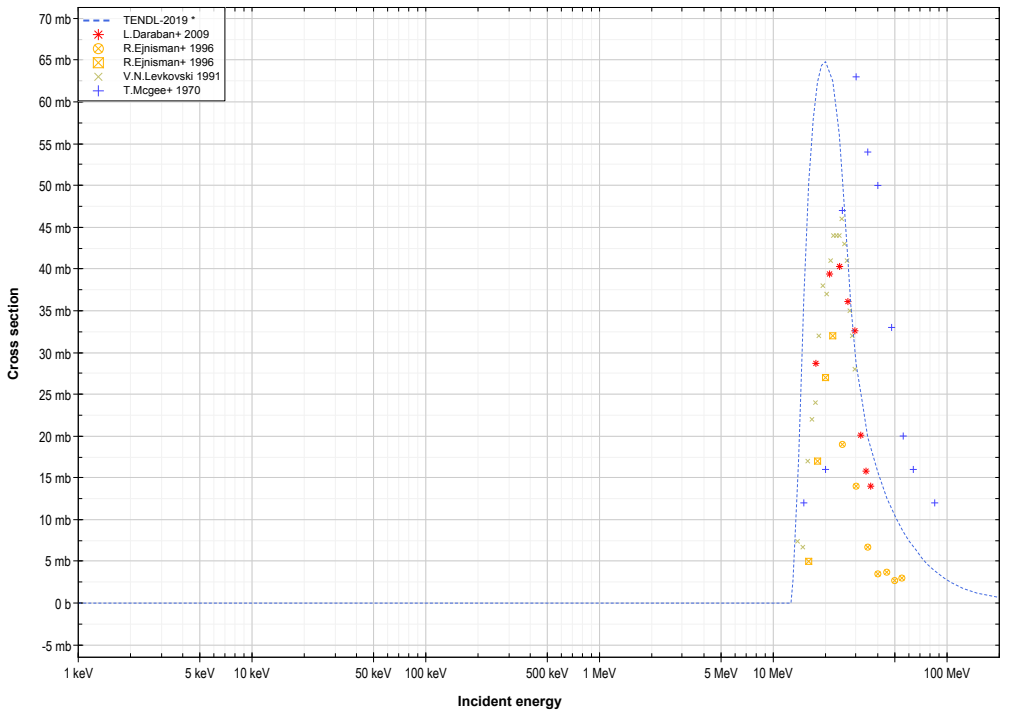
Reaction	Q-Value
Sc45(p,n)Ti45	-2844.45 keV

<< 20-Ca-48	**21-Sc-45**	22-Ti-48 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Ti44 production)**	MT28 (p,n+p) >>

Sc45 (p,2n) or Ti44 production log-log



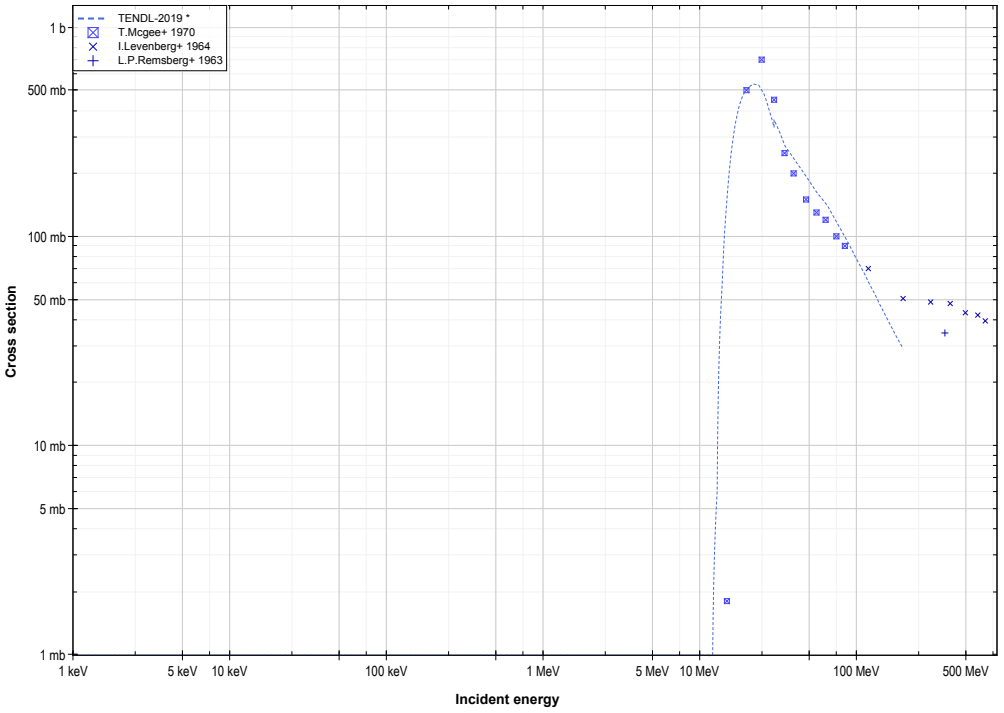
Sc45 (p,2n) or Ti44 production lin-log



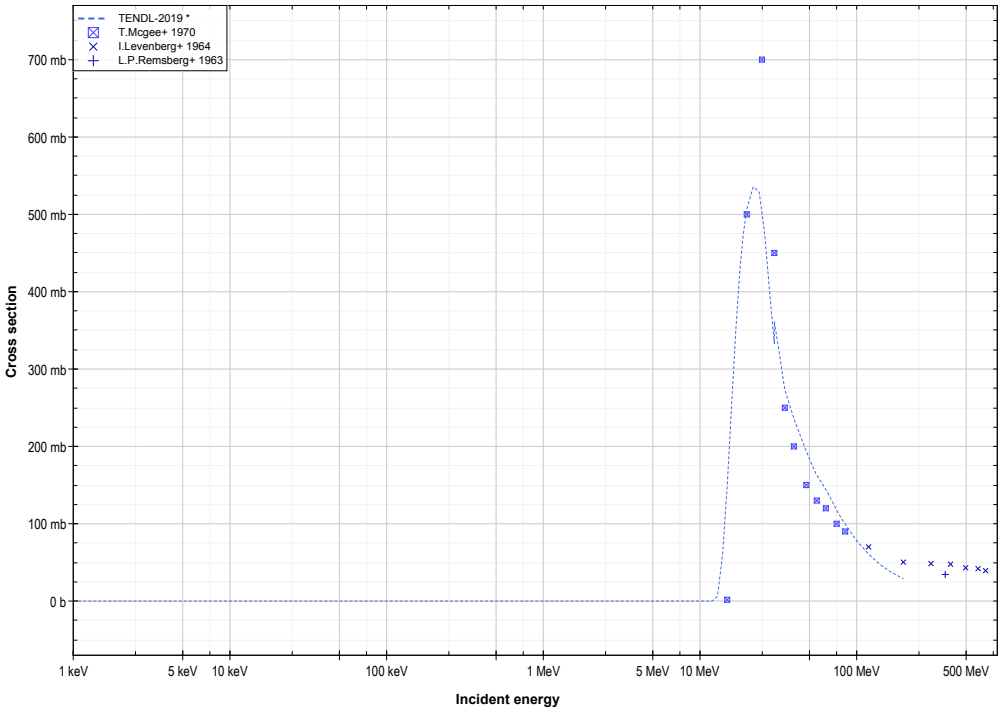
Reaction	Q-Value
Sc45(p,2n)Ti44	-12376.96 keV

<< 20-Ca-48	**21-Sc-45**	22-Ti-46 >>
<< MT16 (p,2n)	**MT28 (p,n+p) or MT5 (Sc44 production)**	MT32 (p,n+d) >>

Sc45 (p,n+p) or Sc44 production log-log



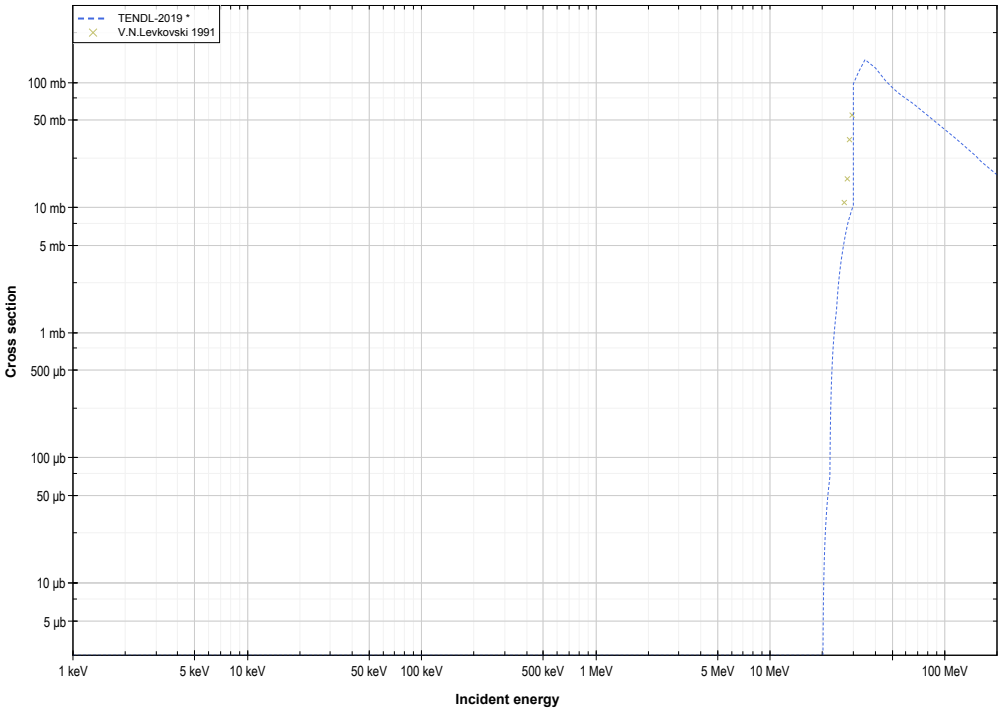
Sc45 (p,n+p) or Sc44 production lin-log



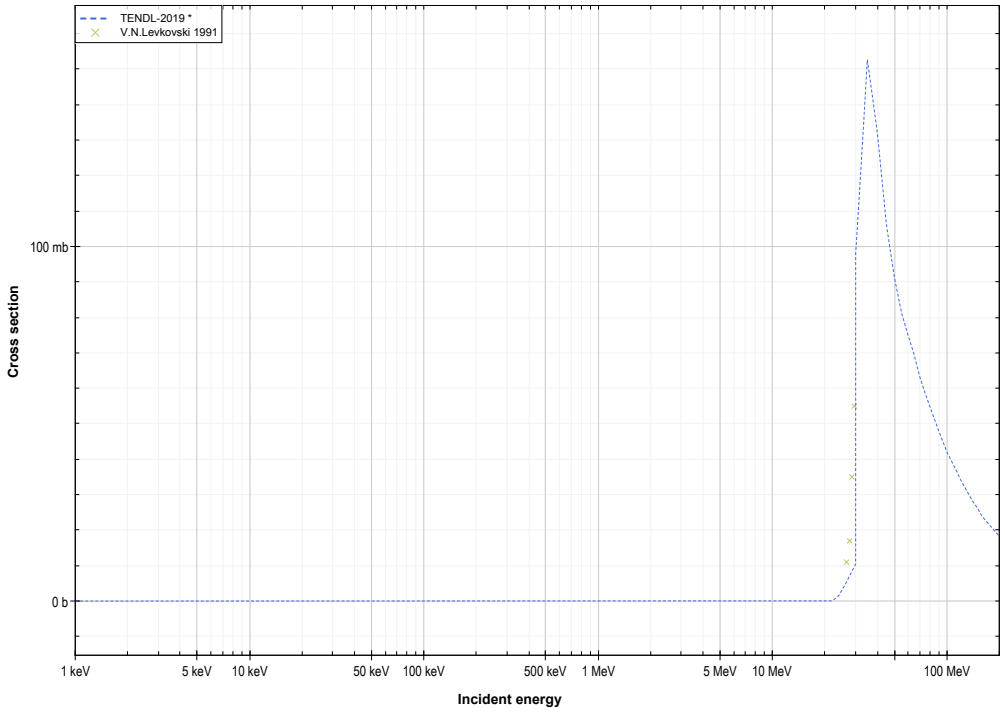
Reaction	Q-Value
Sc45(p,d)Sc44	-9102.65 keV
Sc45(p,n+p)Sc44	-11327.22 keV

<< 9-F-19	**21-Sc-45**	23-V-51 >>
<< MT28 (p,n+p)	**MT32 (p,n+d) or MT5 (Sc43 production)**	MT41 (p,2n+p) >>

Sc45 (p,n+d) or Sc43 production log-log



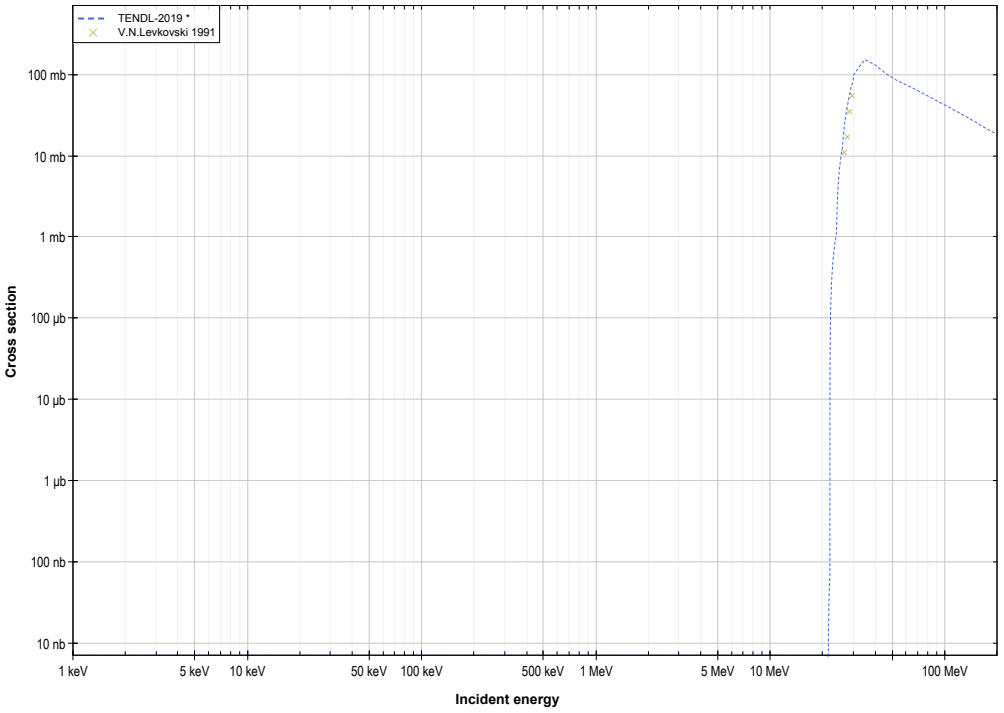
Sc45 (p,n+d) or Sc43 production lin-log



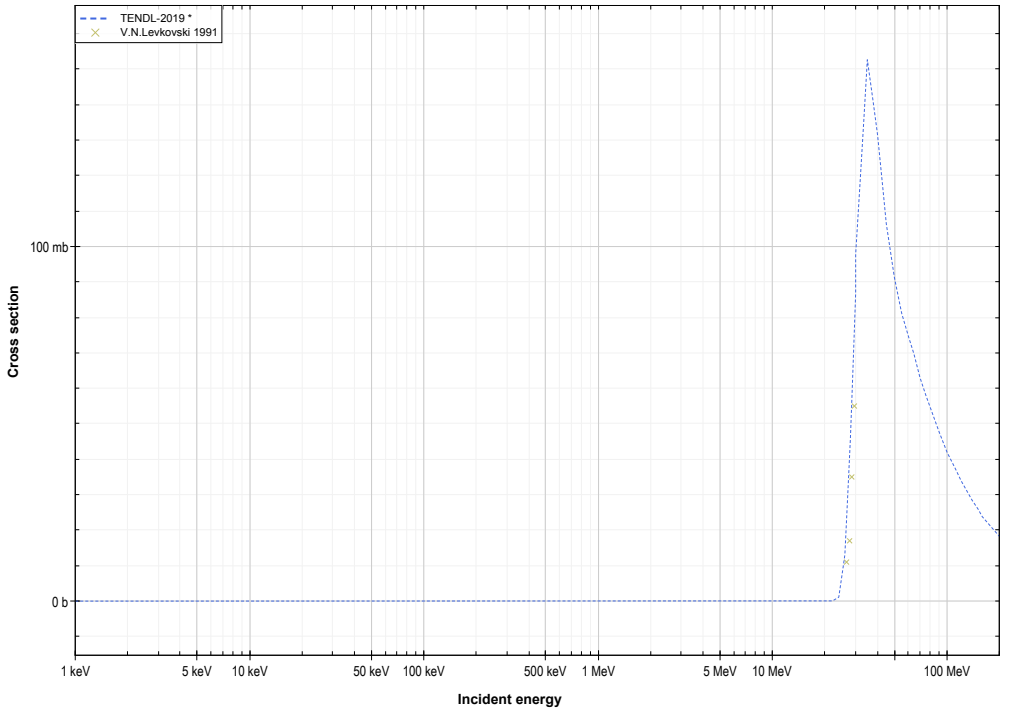
Reaction	Q-Value
Sc45(p,t)Sc43	-12544.64 keV
Sc45(p,n+d)Sc43	-18801.87 keV
Sc45(p,2n+p)Sc43	-21026.43 keV

<< 9-F-19	**21-Sc-45**	23-V-51 >>
<< MT32 (p,n+d)	**MT41 (p,2n+p) or MT5 (Sc43 production)**	MT102 (p,γ) >>

Sc45 (p,2n+p) or Sc43 production log-log



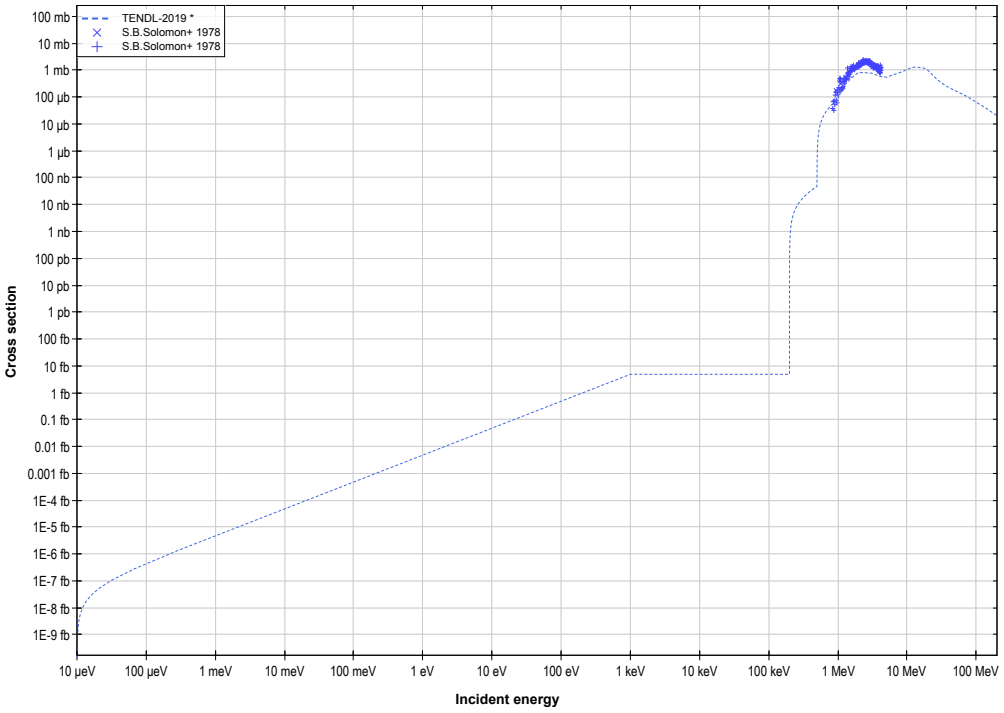
Sc45 (p,2n+p) or Sc43 production lin-log



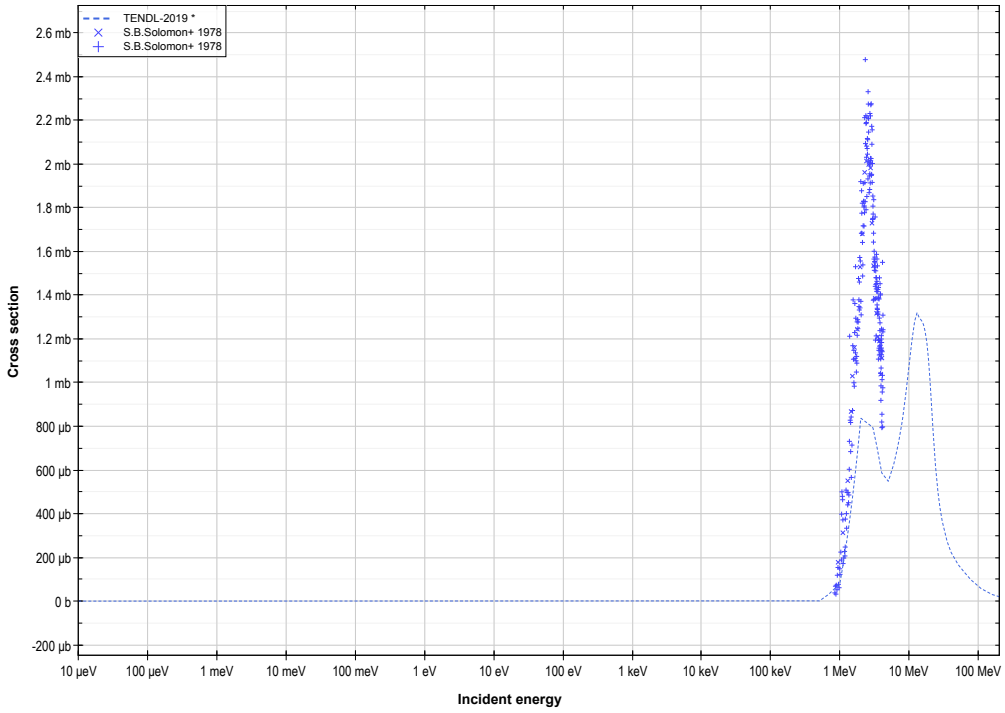
Reaction	Q-Value
Sc45(p,t)Sc43	-12544.64 keV
Sc45(p,n+d)Sc43	-18801.87 keV
Sc45(p,2n+p)Sc43	-21026.43 keV

<< 20-Ca-48	**21-Sc-45**	22-Ti-46 >>
<< MT41 (p,2n+p)	**MT102 (p,γ) or MT5 (Ti46 production)**	MT104 (p,d) >>

Sc45 (p,γ) or Ti46 production log-log



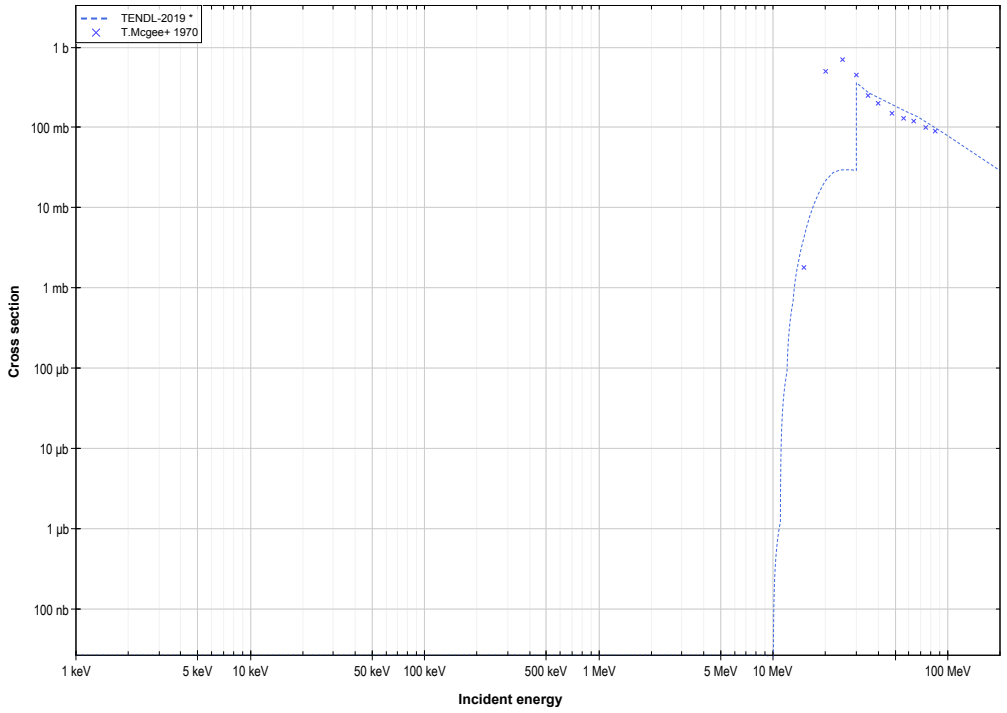
Sc45 (p,γ) or Ti46 production lin-log



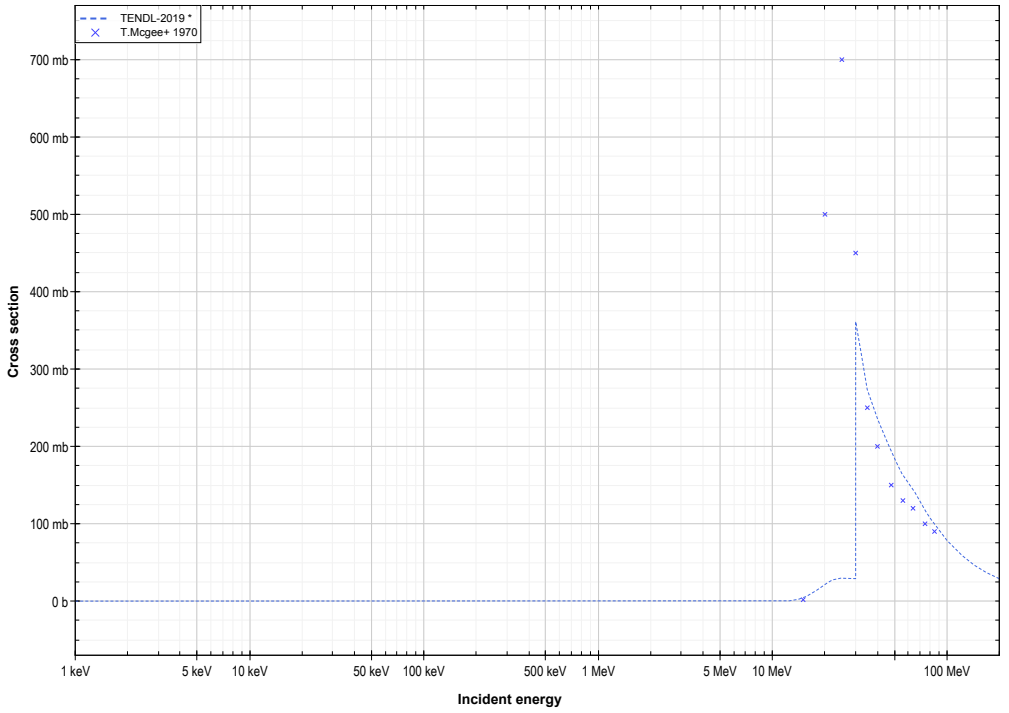
Reaction	Q-Value
Sc45(p,γ)Ti46	10344.87 keV

<< 20-Ca-48	**21-Sc-45**	22-Ti-46 >>
<< MT102 (p,γ)	**MT104 (p,d) or MT5 (Sc44 production)**	MT105 (p,t) >>

Sc45 (p,d) or Sc44 production log-log



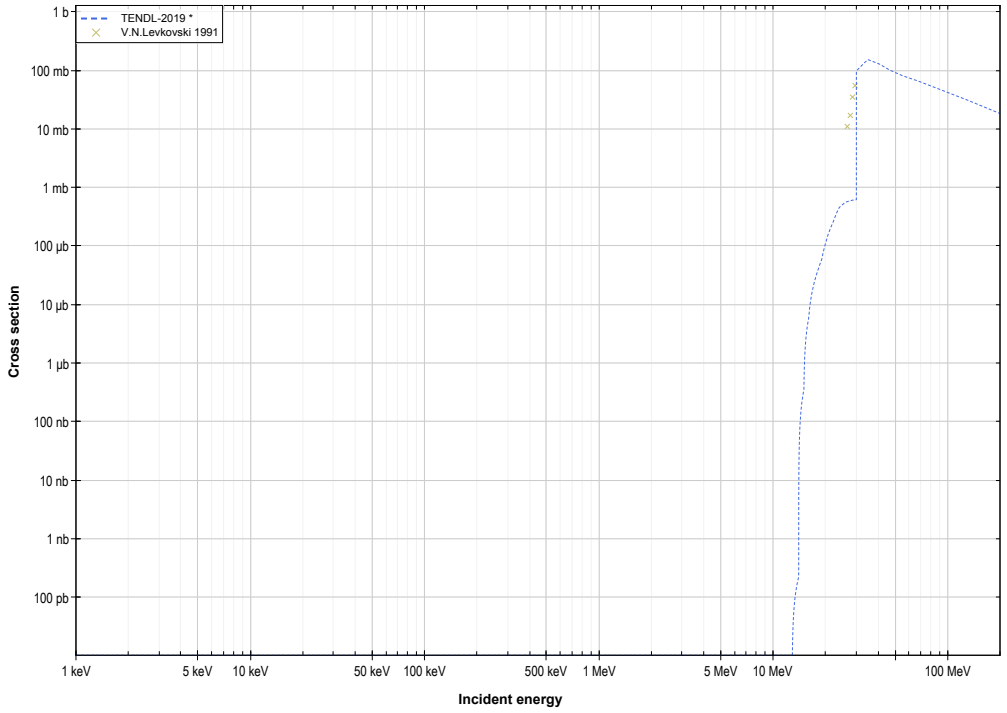
Sc45 (p,d) or Sc44 production lin-log



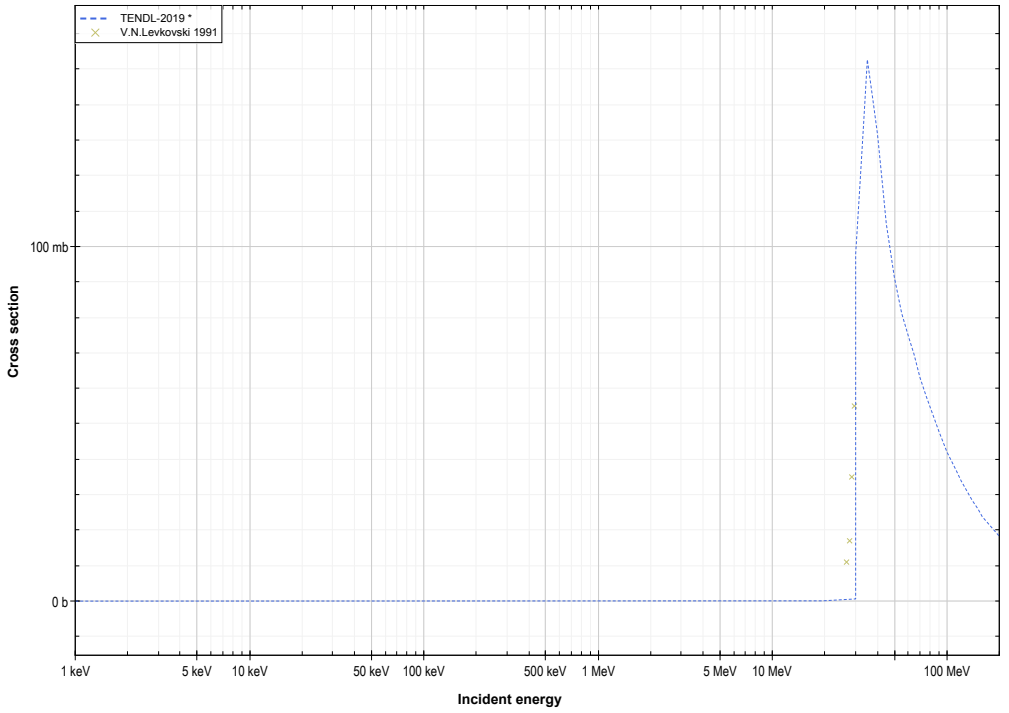
Reaction	Q-Value
Sc45(p,d)Sc44	-9102.65 keV
Sc45(p,n+p)Sc44	-11327.22 keV

<< 9-F-19	**21-Sc-45**	23-V-51 >>
<< MT104 (p,d)	**MT105 (p,t) or MT5 (Sc43 production)**	MT197 (p,3p) >>

Sc45 (p,t) or Sc43 production log-log



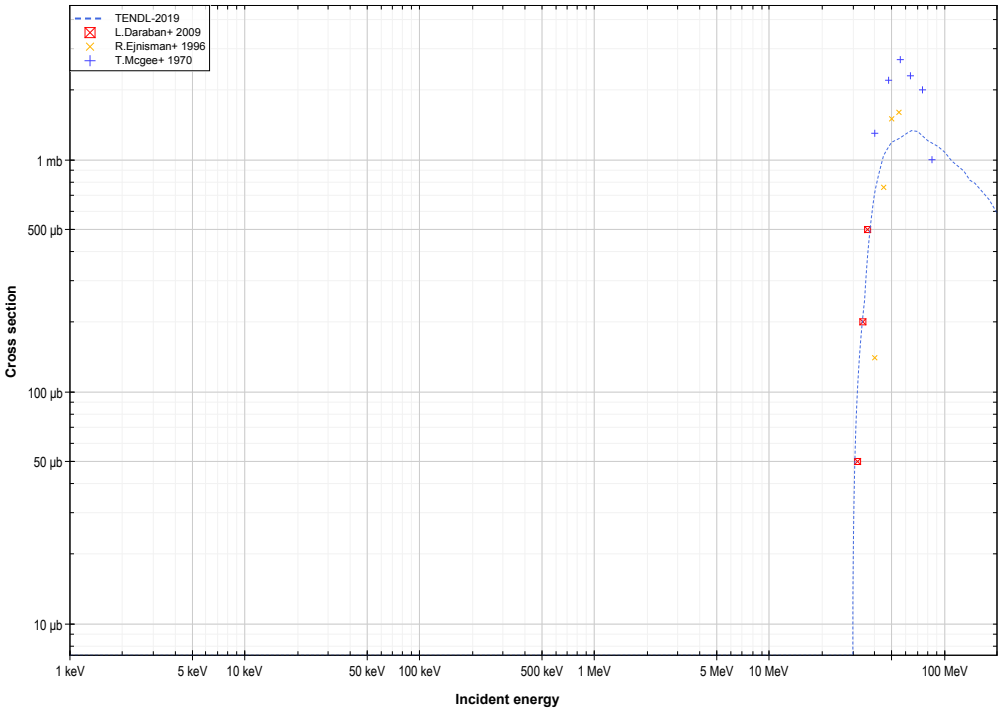
Sc45 (p,t) or Sc43 production lin-log



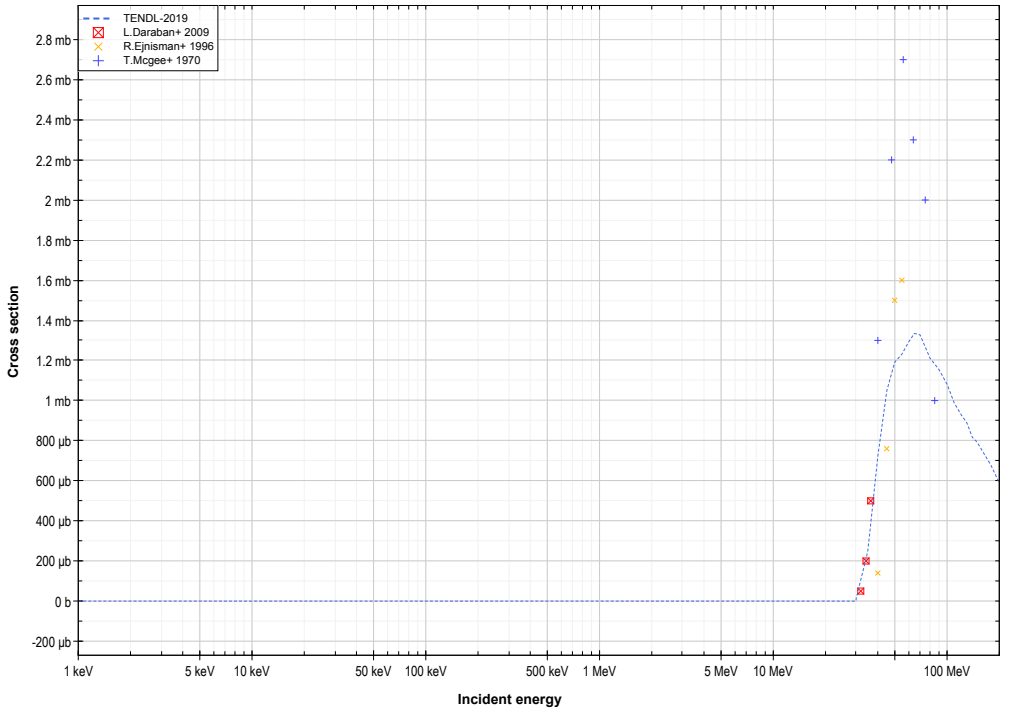
Reaction	Q-Value
Sc45(p,t)Sc43	-12544.64 keV
Sc45(p,n+d)Sc43	-18801.87 keV
Sc45(p,2n+p)Sc43	-21026.43 keV

<< 20-Ca-40	**21-Sc-45**	23-V-51 >>
<< MT105 (p,t)	**MT197 (p,3p) or MT5 (K43 production)**	MT198 (p,n+3p) >>

Sc45 (p,3p) or K43 production log-log



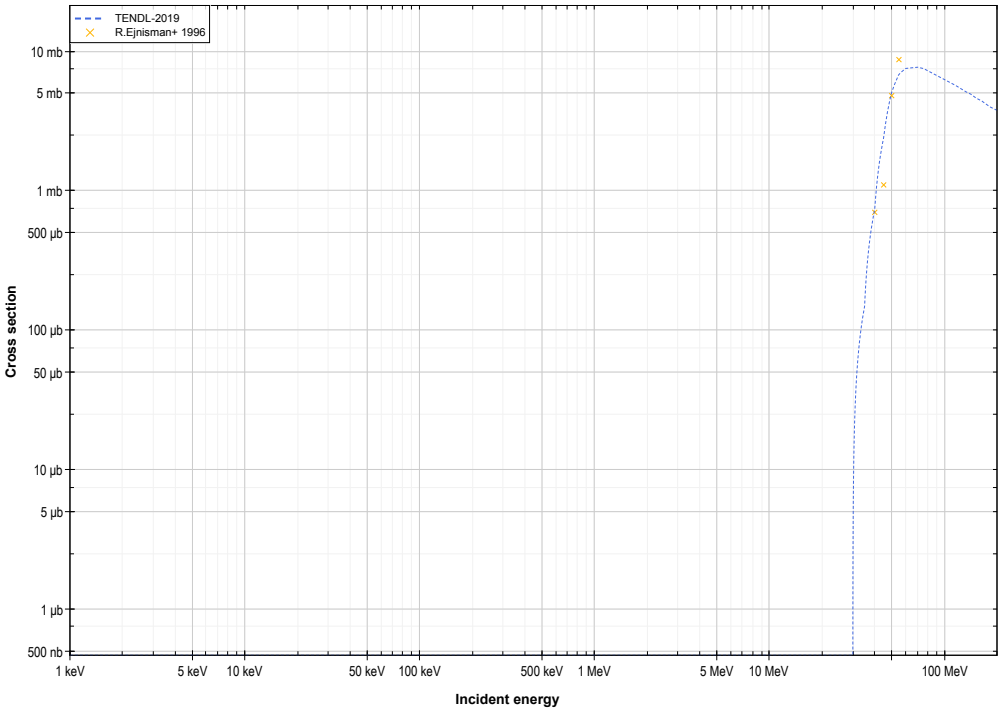
Sc45 (p,3p) or K43 production lin-log



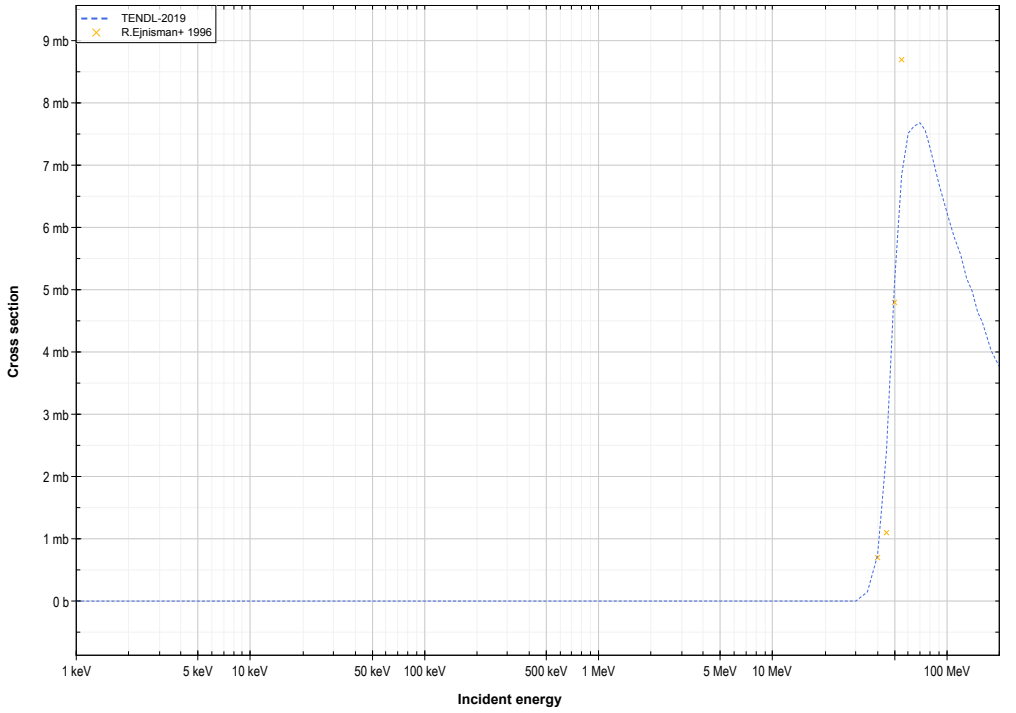
Reaction	Q-Value
Sc45(p,3p)K43	-19074.44 keV

<< 20-Ca-40	**21-Sc-45**	23-V-51 >>
<< MT197 (p,3p)	**MT198 (p,n+3p) or MT5 (K42 production)**	22-Ti-46 MT28 (p,n+p) >>

Sc45 (p,n+3p) or K42 production log-log



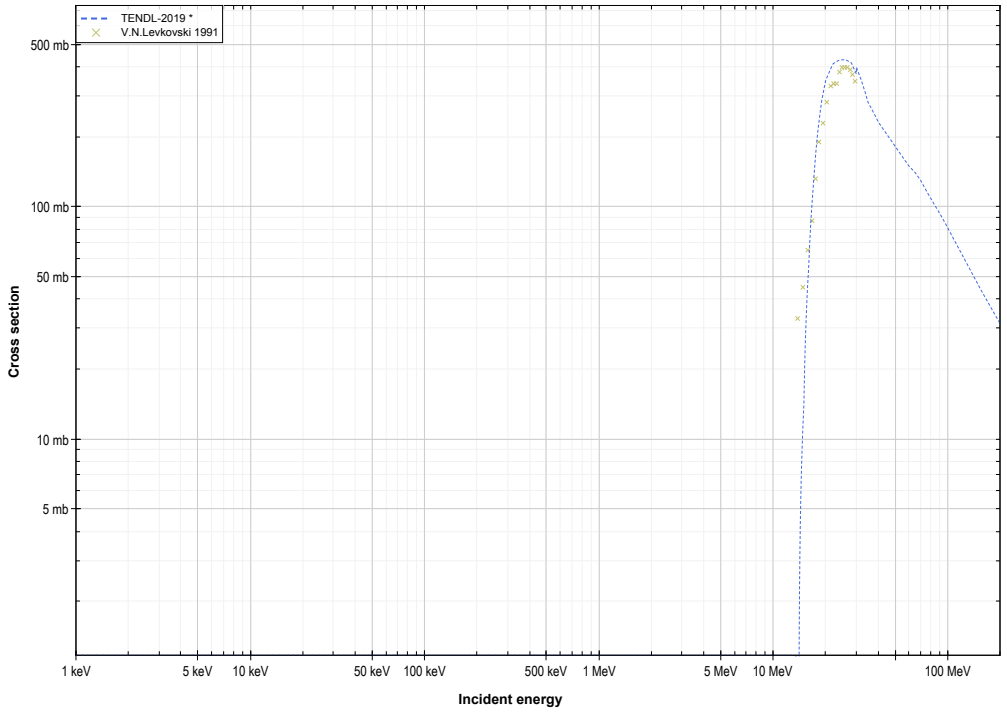
Sc45 (p,n+3p) or K42 production lin-log



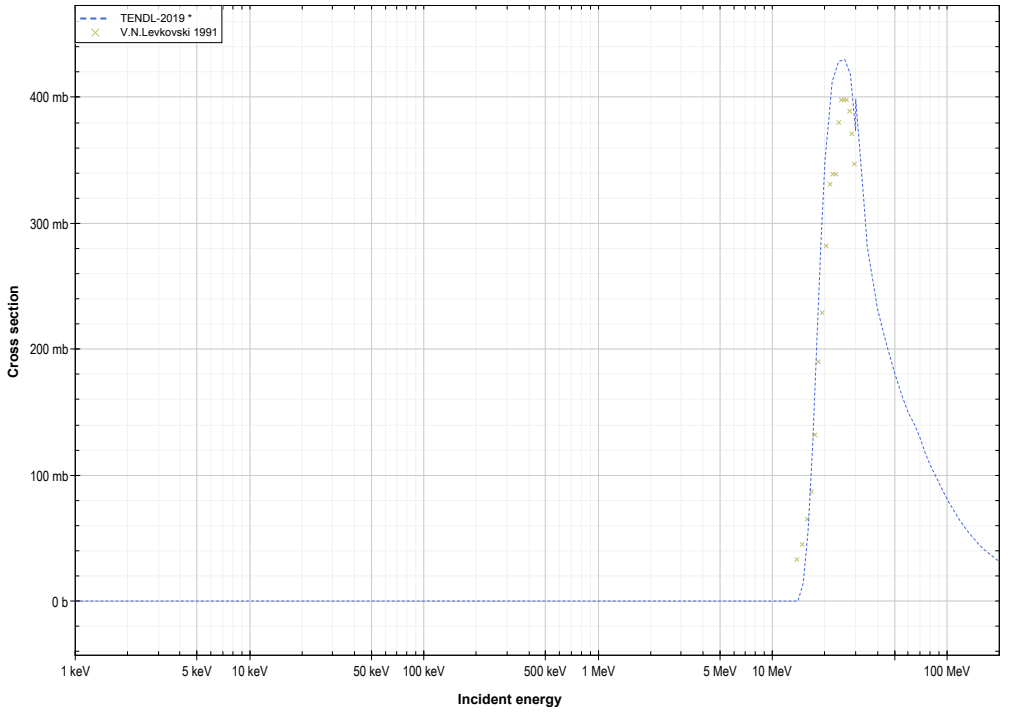
Reaction	Q-Value
Sc45(p,p+He3)K42	-20981.09 keV
Sc45(p,2p+d)K42	-26474.56 keV
Sc45(p,n+3p)K42	-28699.13 keV

<< 21-Sc-45	**22-Ti-46**	24-Cr-50 >>
<< 21-Sc-45 MT198 (p,n+3p)	**MT28 (p,n+p) or MT5 (Ti45 production)**	MT44 (p,n+2p) >>

Ti46 (p,n+p) or Ti45 production log-log



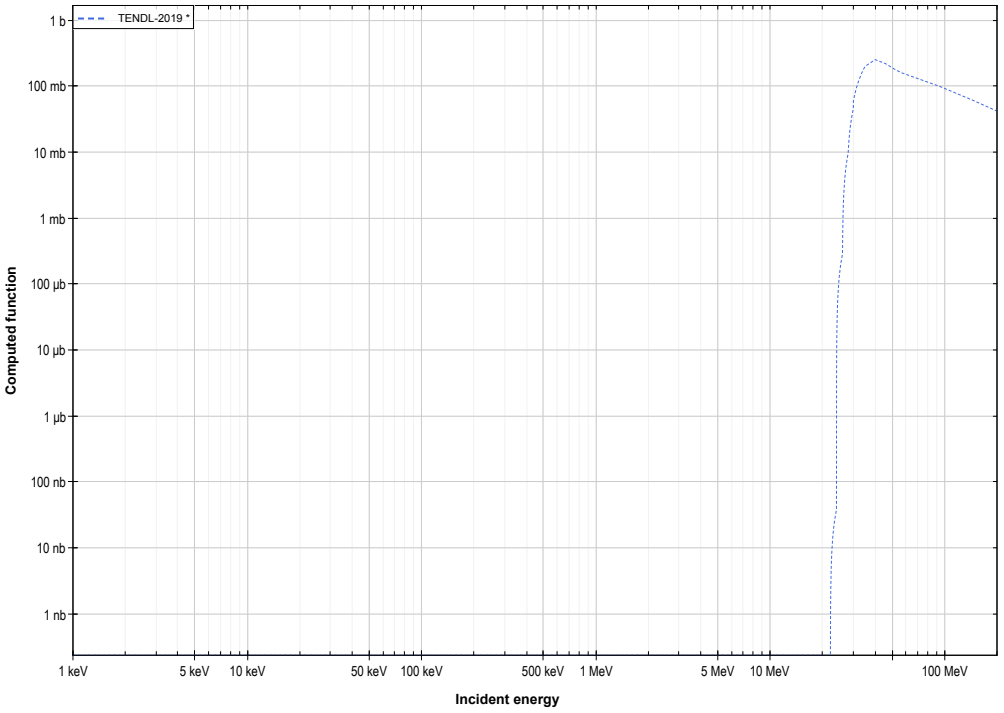
Ti46 (p,n+p) or Ti45 production lin-log



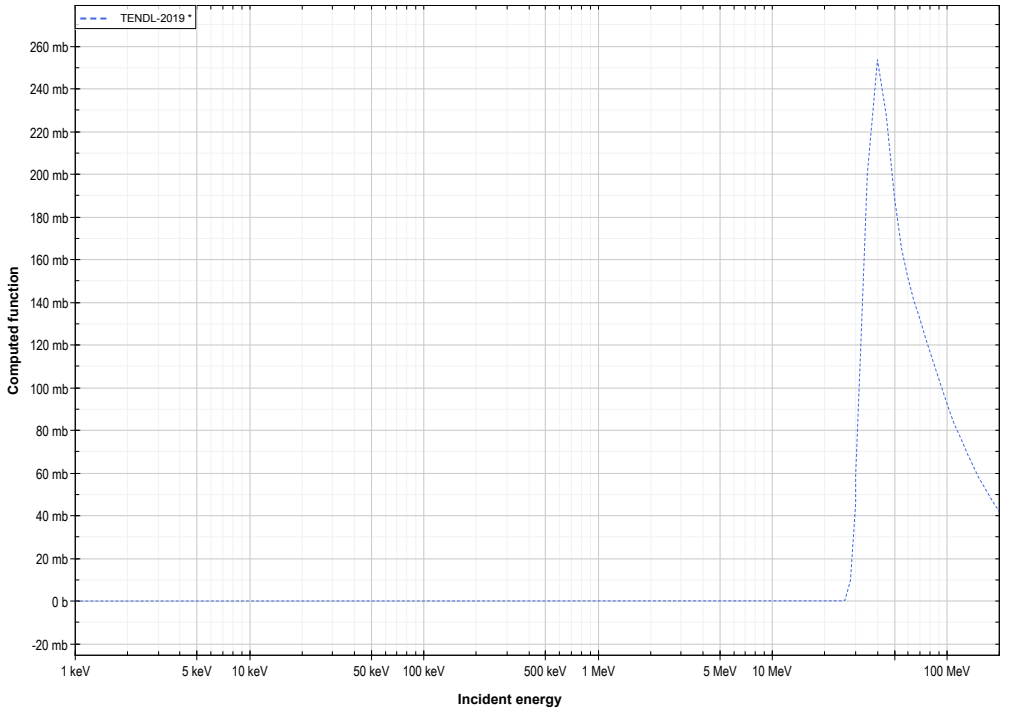
Reaction	Q-Value
Ti46(p,d)Ti45	-10964.75 keV
Ti46(p,n+p)Ti45	-13189.32 keV

<< 20-Ca-40	**22-Ti-46**	22-Ti-50 >>
<< MT28 (p,n+p)	**MT44 (p,n+2p) or MT5 (Sc44 production)**	MT102 (p,γ) >>

Ti46 (p,n+2p) or Sc44 production log-log



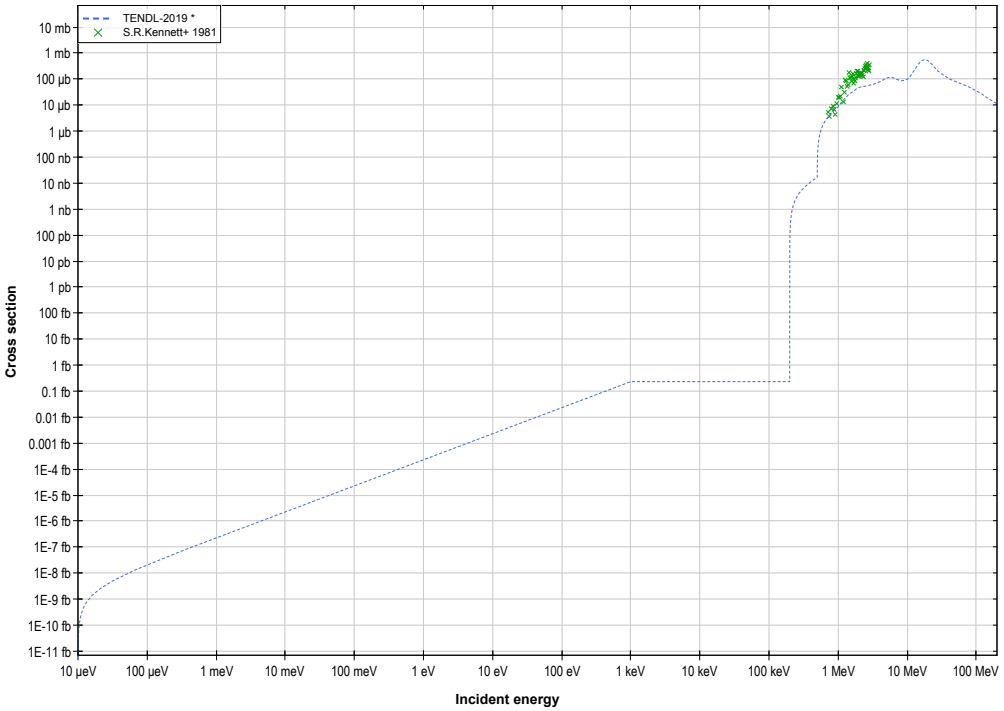
Ti46 (p,n+2p) or Sc44 production lin-log



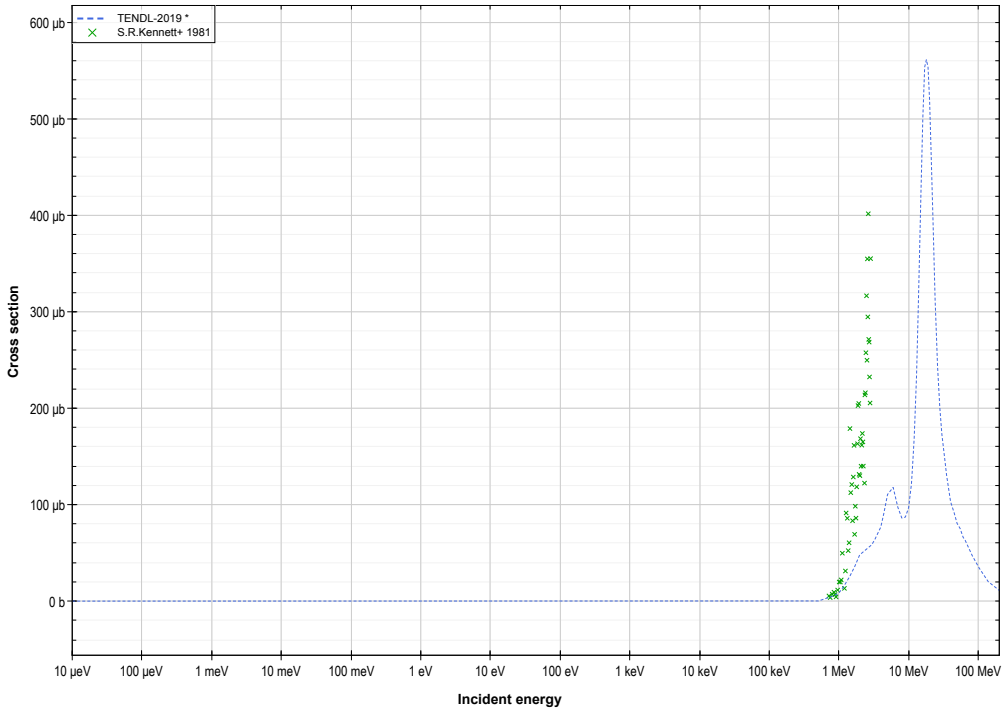
Reaction	Q-Value
Ti46(p,He3)Sc44	-13954.05 keV
Ti46(p,p+d)Sc44	-19447.52 keV
Ti46(p,n+2p)Sc44	-21672.09 keV

<< 21-Sc-45	**22-Ti-46**	22-Ti-47 >>
<< MT44 (p,n+2p)	**MT102 (p,γ) or MT5 (V47 production)**	MT104 (p,d) >>

Ti46 (p,γ) or V47 production log-log



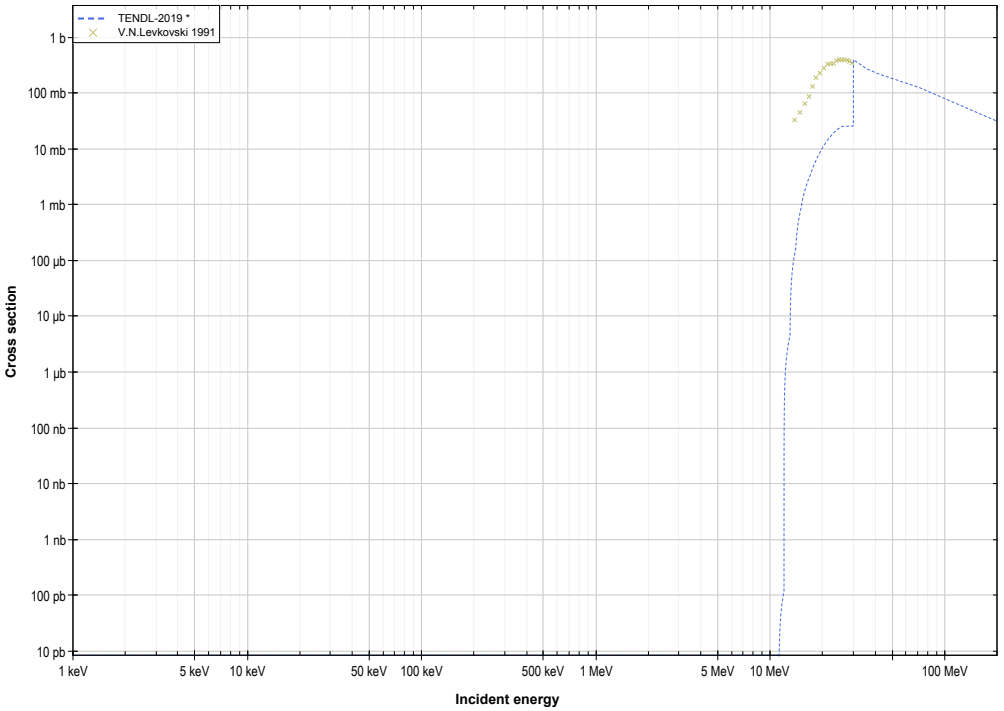
Ti46 (p,γ) or V47 production lin-log



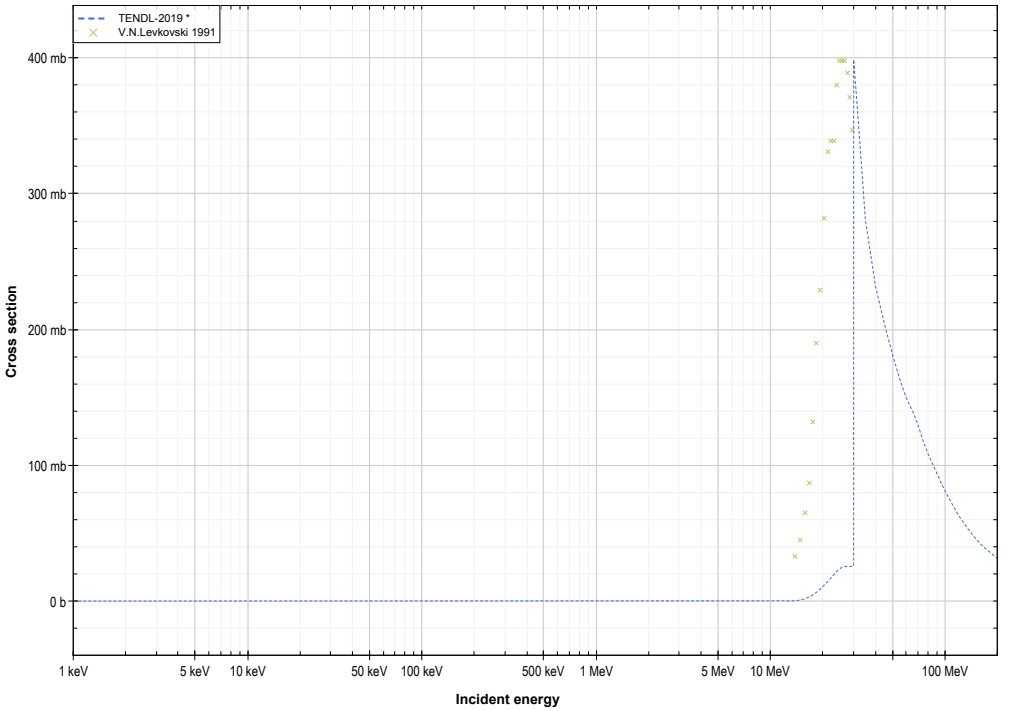
Reaction	Q-Value
Ti46(p,γ)V47	5167.79 keV

<< 21-Sc-45	**22-Ti-46**	24-Cr-52 >>
<< MT102 (p,γ)	**MT104 (p,d) or MT5 (Ti45 production)**	MT106 (p,³He) >>

Ti46 (p,d) or Ti45 production log-log



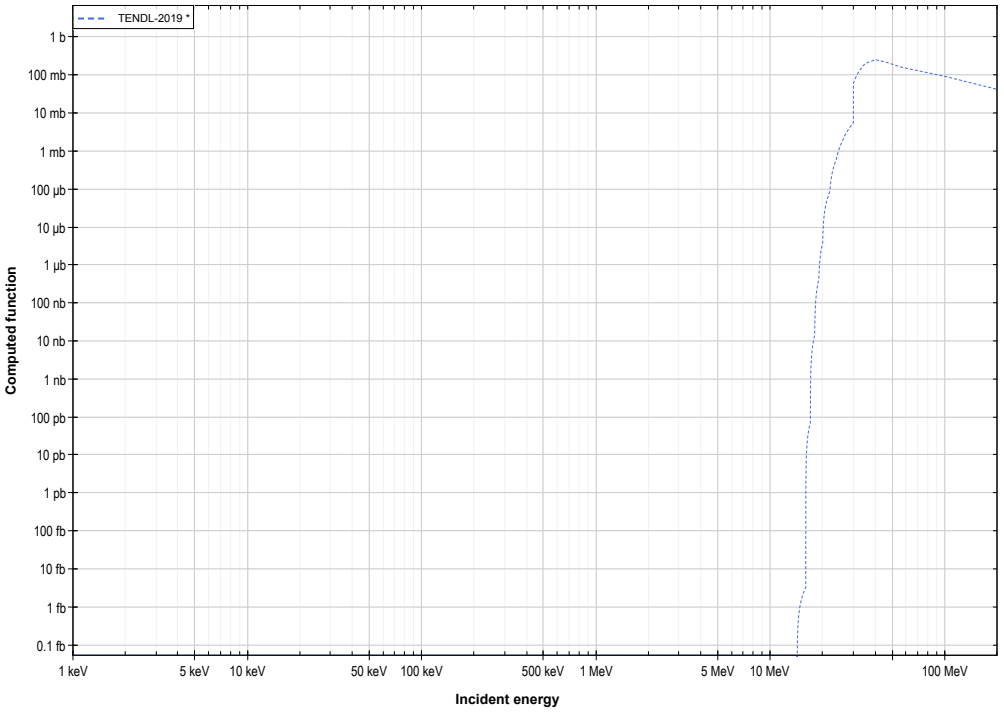
Ti46 (p,d) or Ti45 production lin-log



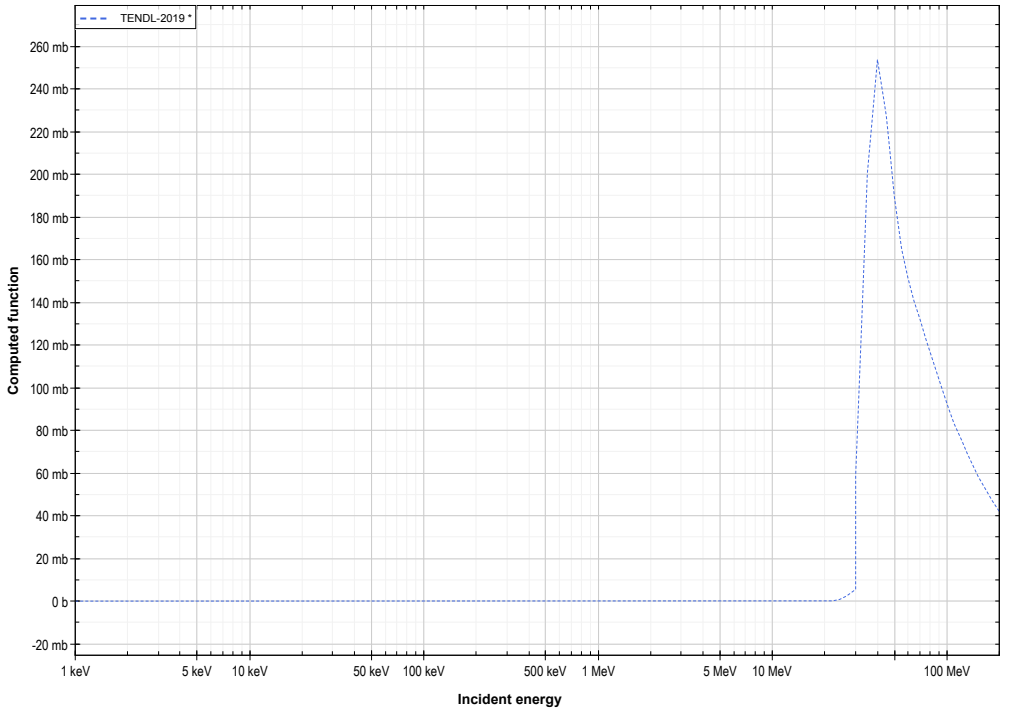
Reaction	Q-Value
Ti46(p,d)Ti45	-10964.75 keV
Ti46(p,n+p)Ti45	-13189.32 keV

<< 20-Ca-44	**22-Ti-46**	24-Cr-50 >>
<< MT104 (p,d)	**MT106 (p,³He) or MT5 (Sc44 production)**	MT107 (p,α) >>

Ti46 (p,³He) or Sc44 production log-log



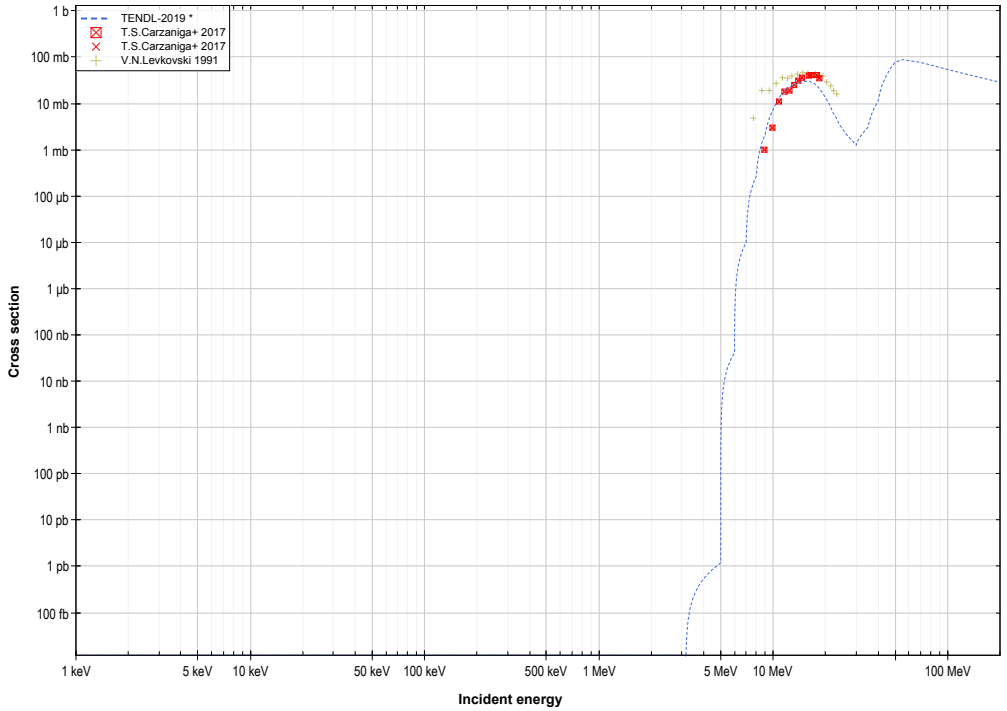
Ti46 (p,³He) or Sc44 production lin-log



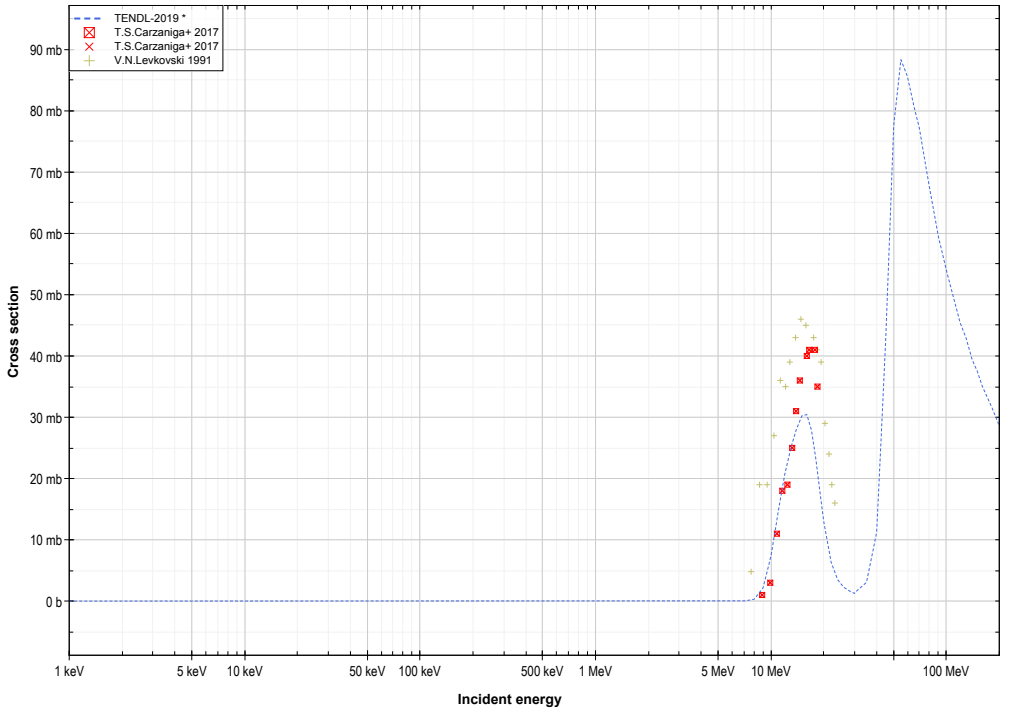
Reaction	Q-Value
Ti46(p,He3)Sc44	-13954.05 keV
Ti46(p,p+d)Sc44	-19447.52 keV
Ti46(p,n+2p)Sc44	-21672.09 keV

<< 14-Si-28	**22-Ti-46**	22-Ti-47 >>
<< MT106 (p,³He)	**MT107 (p,α) or MT5 (Sc43 production)**	MT115 (p,p+d) >>

Ti46 (p,α) or Sc43 production log-log



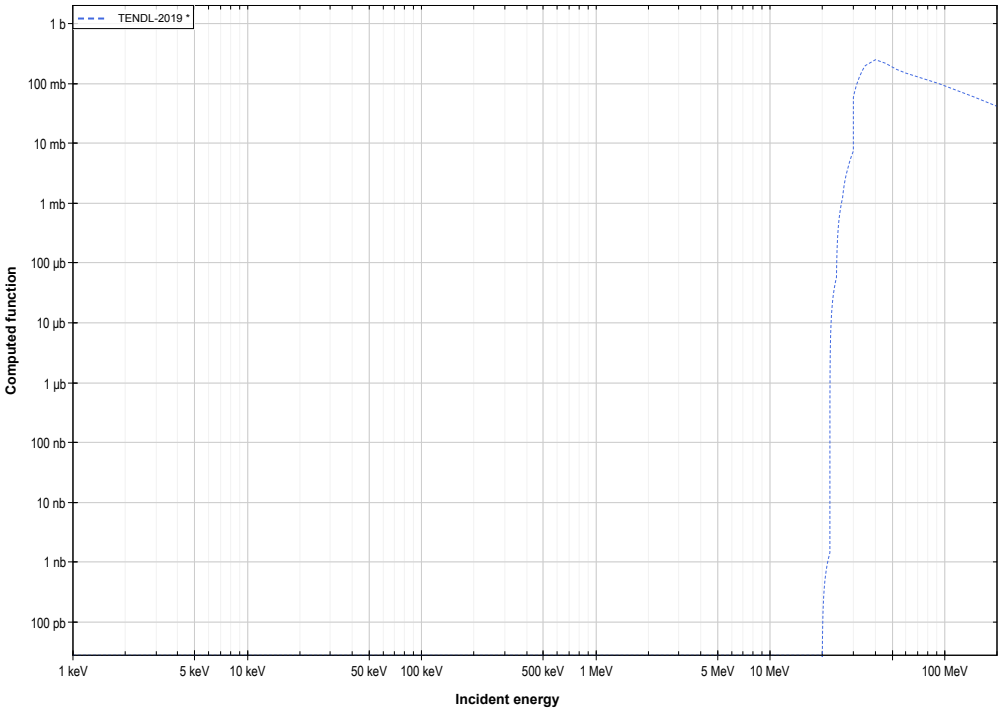
Ti46 (p,α) or Sc43 production lin-log



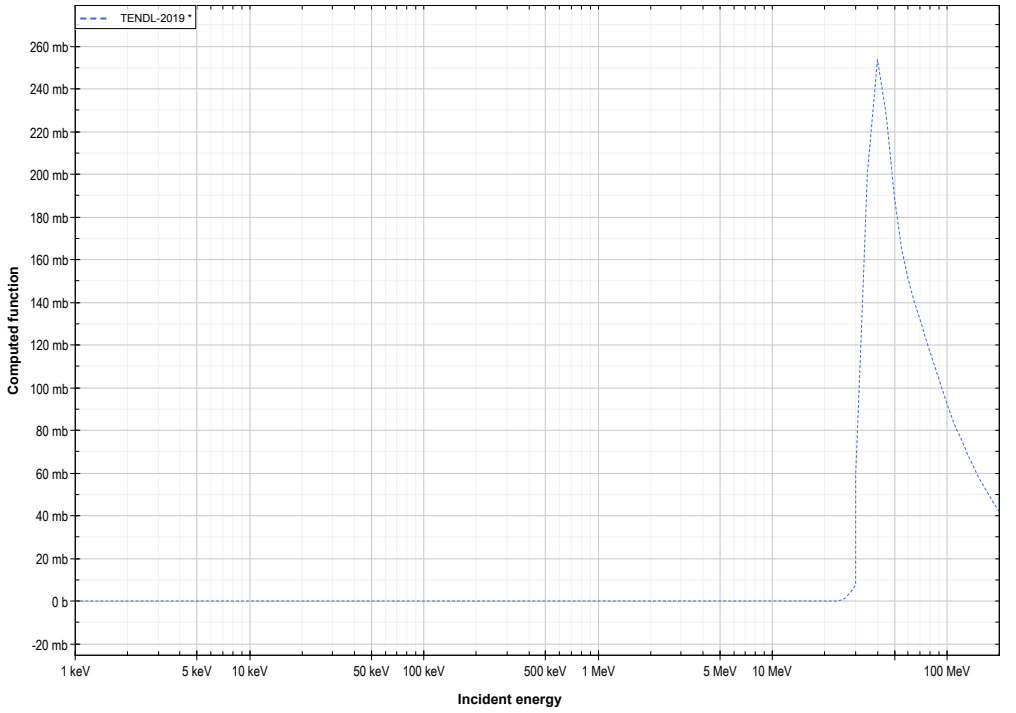
Reaction	Q-Value
Ti46(p,α)Sc43	-3075.64 keV
Ti46(p,p+t)Sc43	-22889.51 keV
Ti46(p,n+He3)Sc43	-23653.26 keV
Ti46(p,2d)Sc43	-26922.17 keV
Ti46(p,n+p+d)Sc43	-29146.74 keV
Ti46(p,2n+2p)Sc43	-31371.30 keV

<< 20-Ca-40	**22-Ti-46**	24-Cr-50 >>
<< MT107 (p,α)	**MT115 (p,p+d) or MT5 (Sc44 production)**	22-Ti-47 MT4 (p,n) >>

Ti46 (p,p+d) or Sc44 production log-log



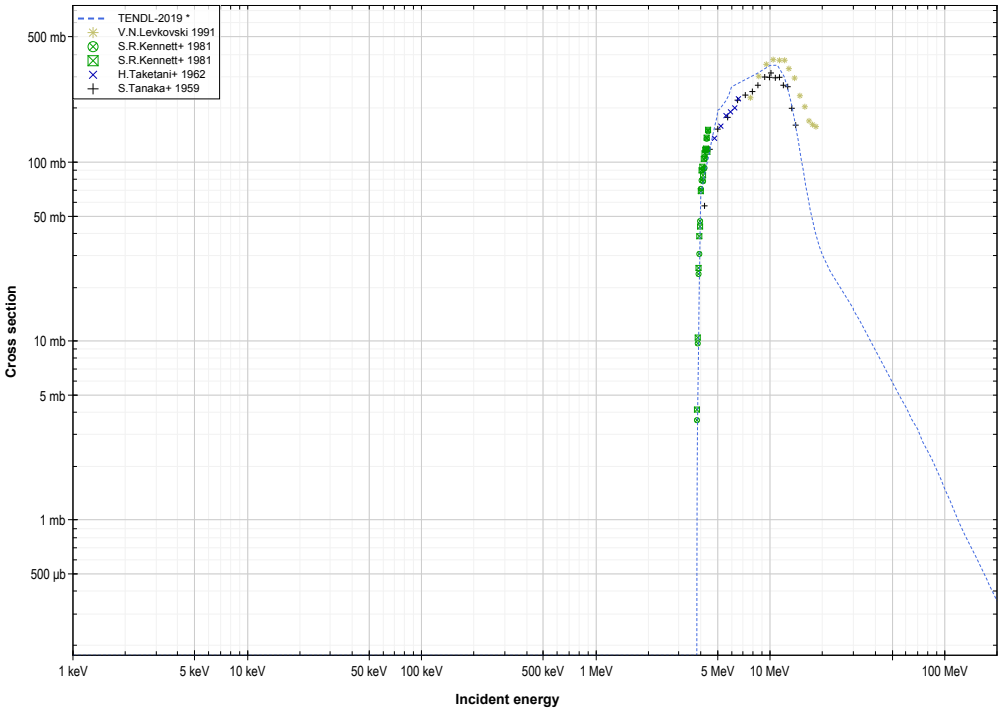
Ti46 (p,p+d) or Sc44 production lin-log



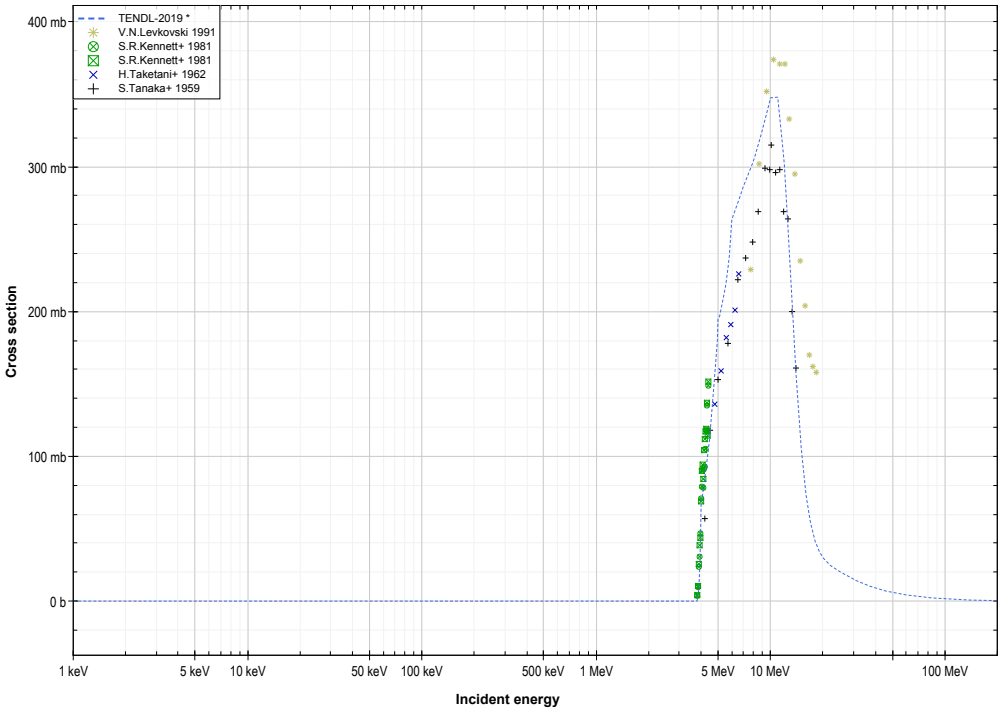
Reaction	Q-Value
Ti46(p,He3)Sc44	-13954.05 keV
Ti46(p,p+d)Sc44	-19447.52 keV
Ti46(p,n+2p)Sc44	-21672.09 keV

<< 21-Sc-45	**22-Ti-47**	22-Ti-48 >>
<< 22-Ti-46 MT115 (p,p+d)	**MT4 (p,n) or MT5 (V47 production)**	MT22 (p,n+α) >>

Ti47 (p,n) or V47 production log-log



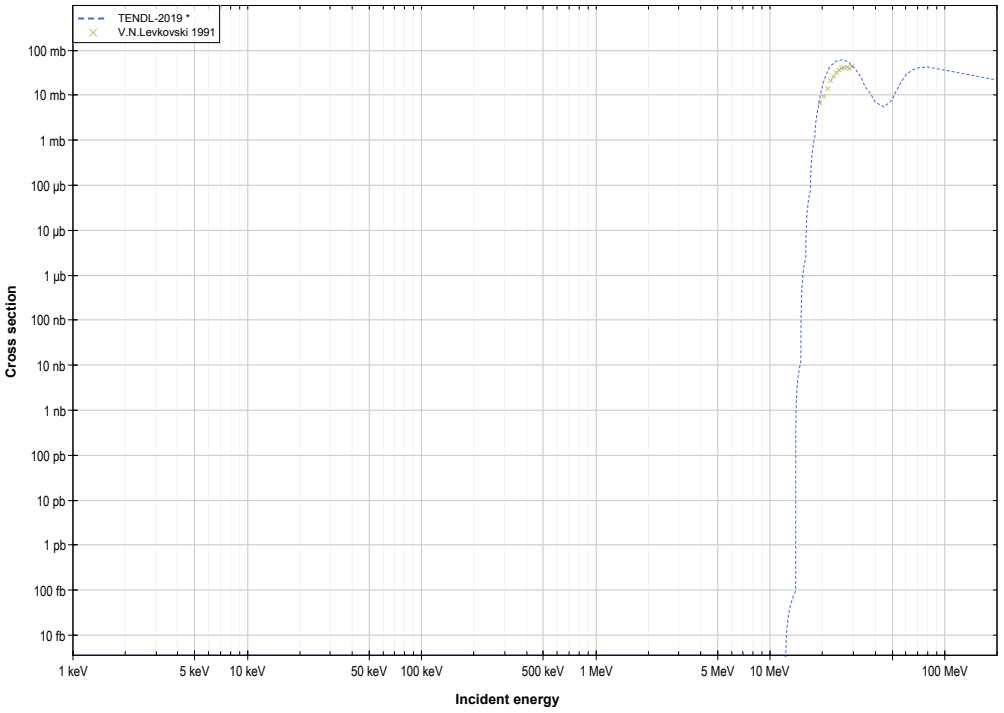
Ti47 (p,n) or V47 production lin-log



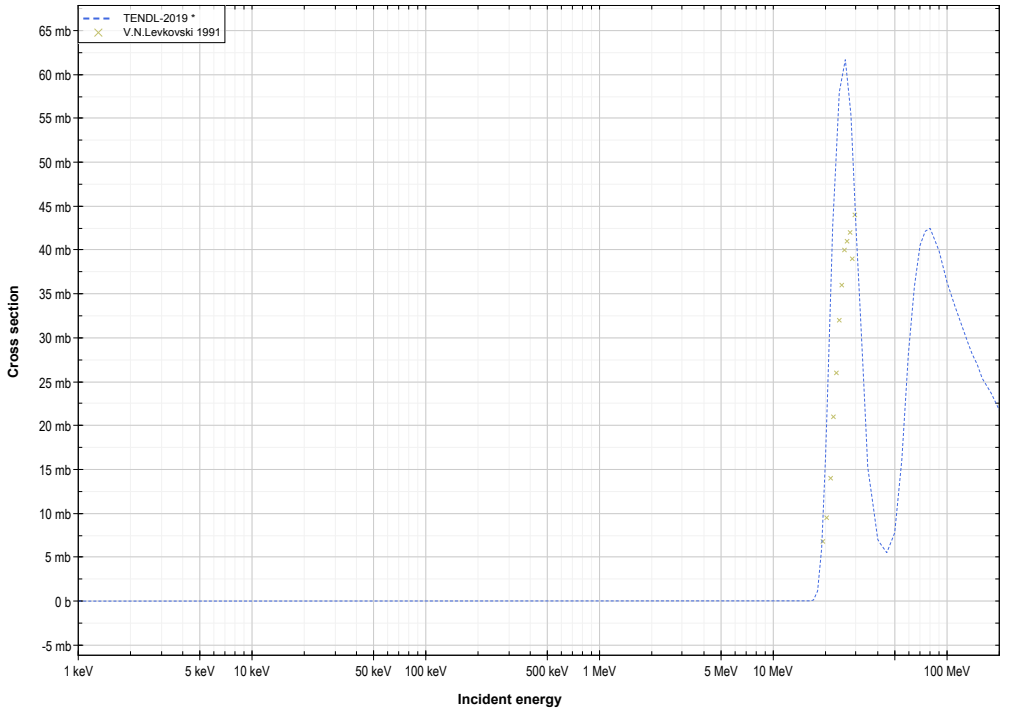
Reaction	Q-Value
Ti47(p,n)V47	-3713.09 keV

<< 18-Ar-40	**22-Ti-47**	22-Ti-48 >>
<< MT4 (p,n)	**MT22 (p,n+α) or MT5 (Sc43 production)**	MT102 (p,γ) >>

Ti47 (p,n+α) or Sc43 production log-log



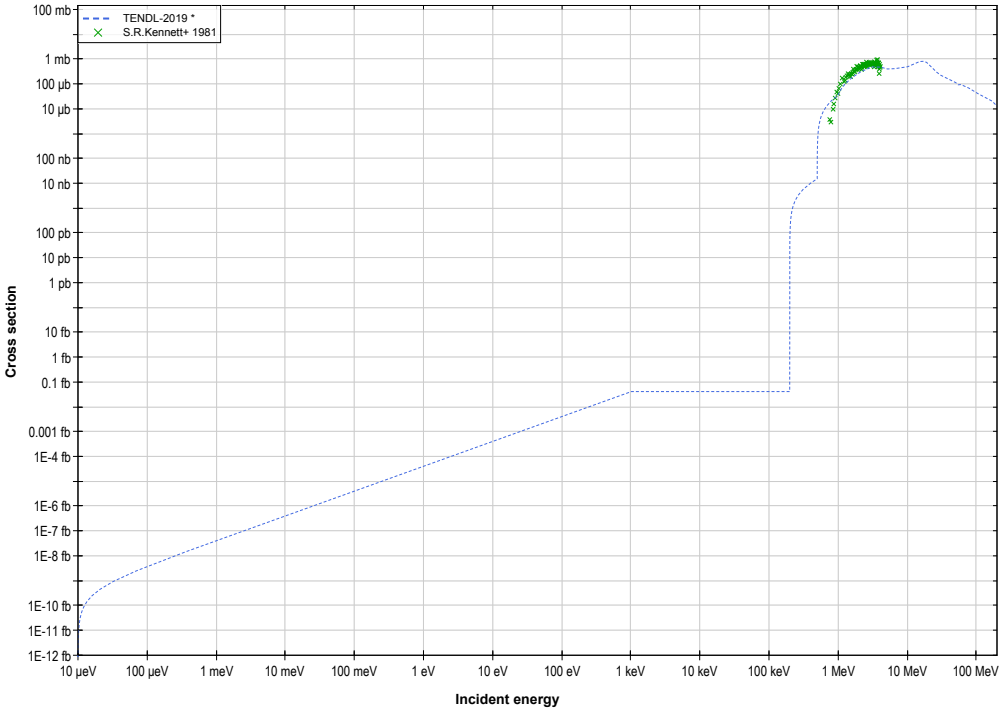
Ti47 (p,n+α) or Sc43 production lin-log



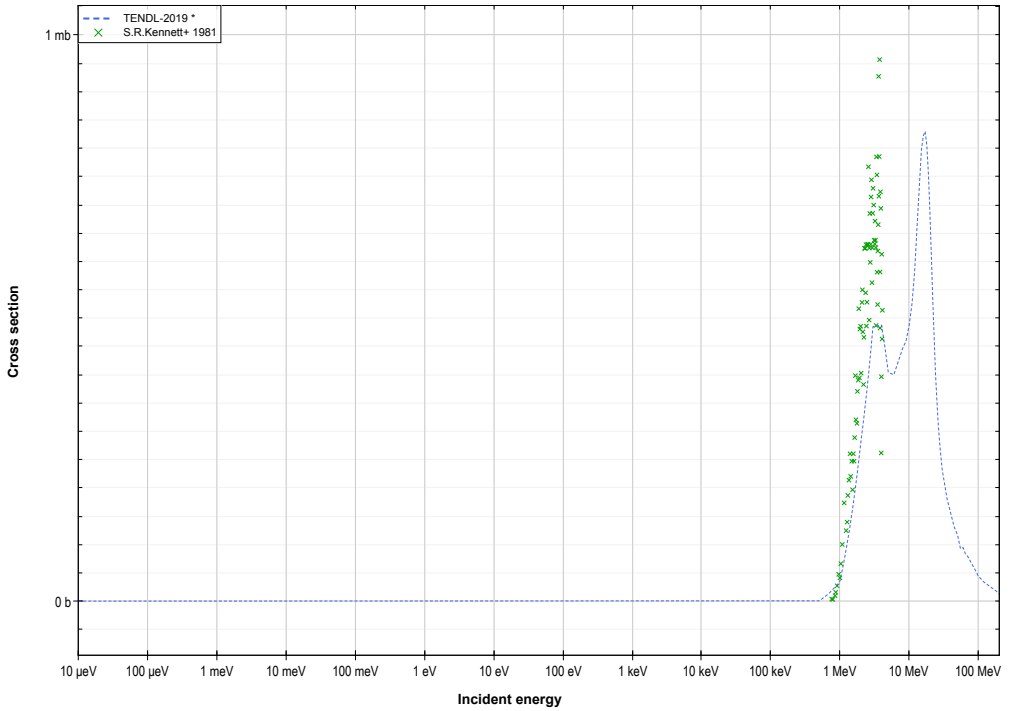
Reaction	Q-Value
Ti47(p,n+α)Sc43	-11956.52 keV
Ti47(p,d+t)Sc43	-29545.82 keV
Ti47(p,n+p+t)Sc43	-31770.39 keV
Ti47(p,2n+He3)Sc43	-32534.14 keV
Ti47(p,n+2d)Sc43	-35803.05 keV
Ti47(p,2n+p+d)Sc43	-38027.62 keV
Ti47(p,3n+2p)Sc43	-40252.18 keV

<< 22-Ti-46	**22-Ti-47**	22-Ti-48 >>
<< MT22 (p,n+α)	**MT102 (p,γ) or MT5 (V48 production)**	MT107 (p,α) >>

Ti47 (p,γ) or V48 production log-log



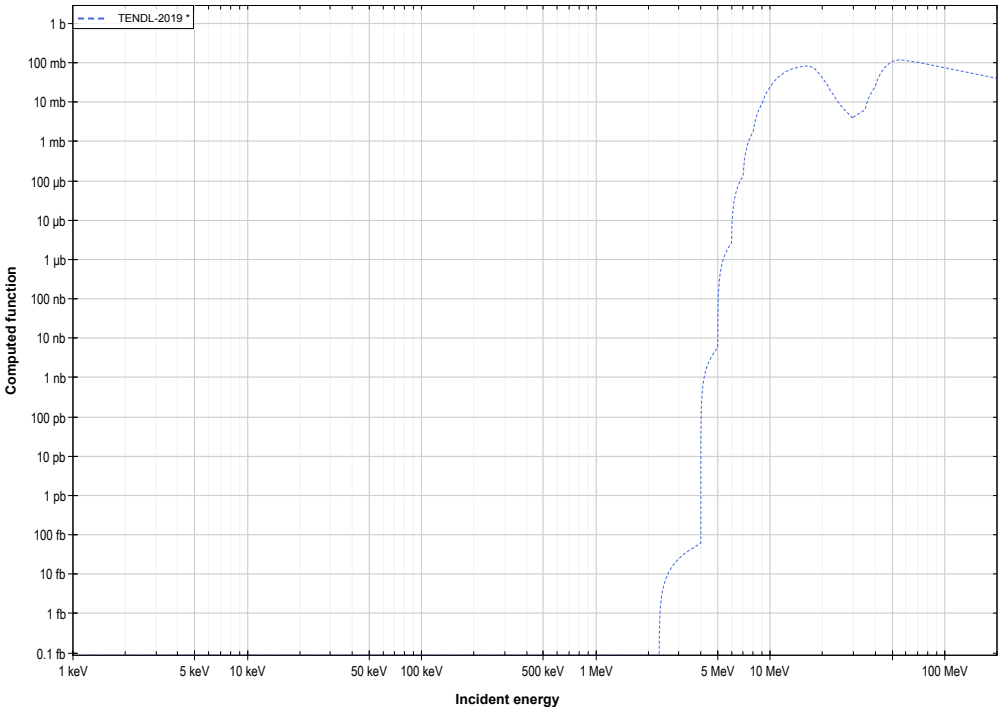
Ti47 (p,γ) or V48 production lin-log



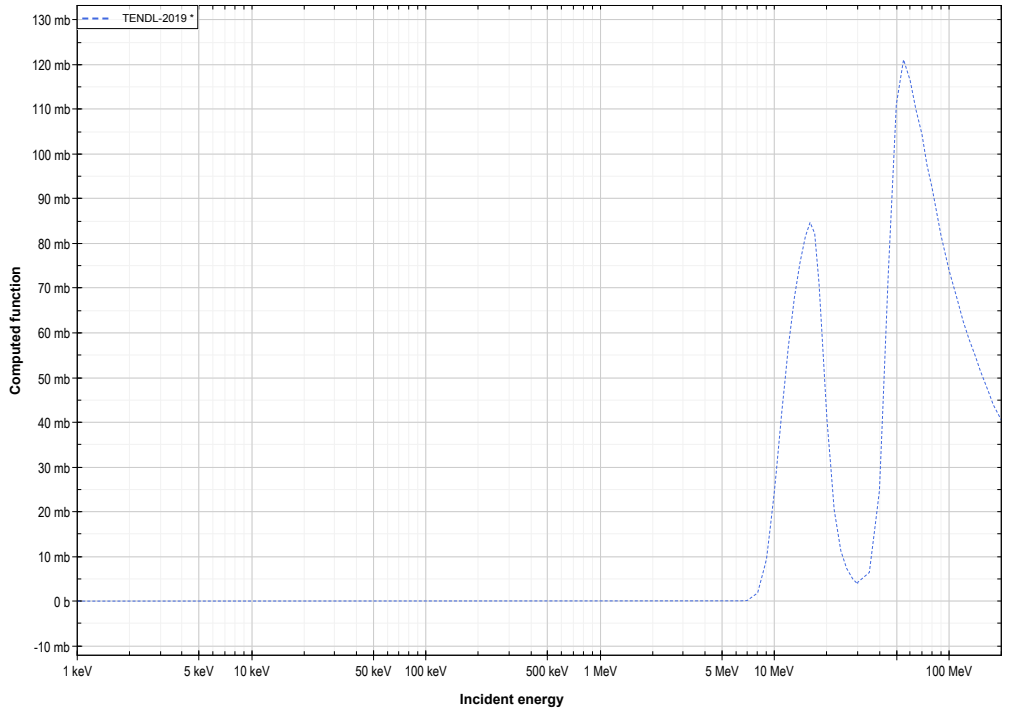
Reaction	Q-Value
Ti47(p,γ)V48	6829.31 keV

<< 22-Ti-46	**22-Ti-47**	22-Ti-49 >>
<< MT102 (p,γ)	**MT107 (p,α) or MT5 (Sc44 production)**	MT111 (p,2p) >>

Ti47 (p,α) or Sc44 production log-log



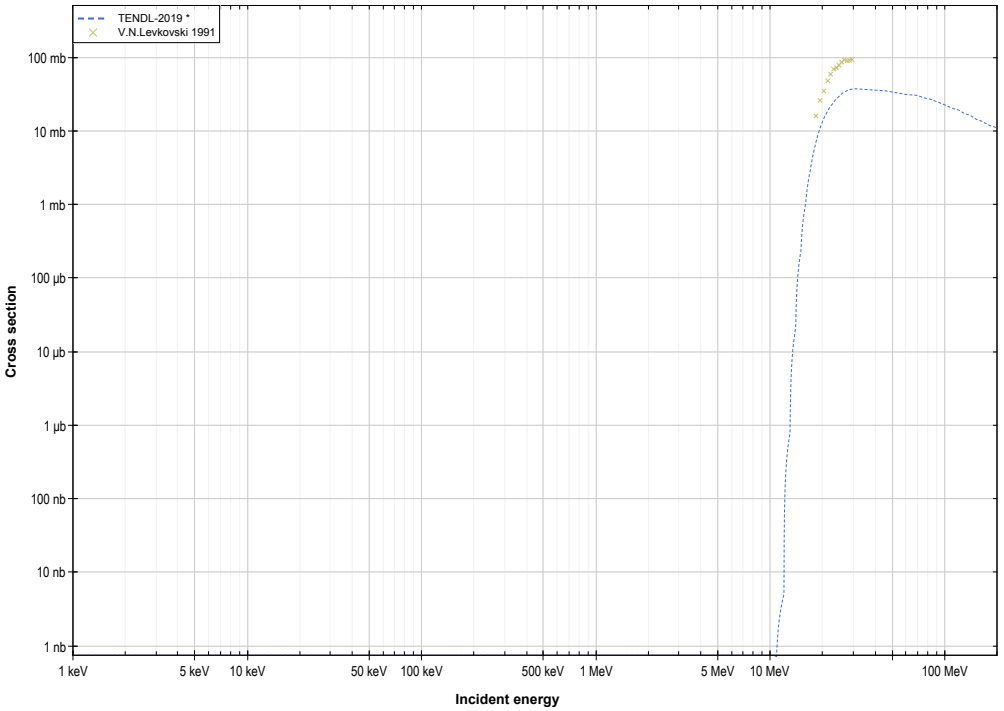
Ti47 (p,α) or Sc44 production lin-log



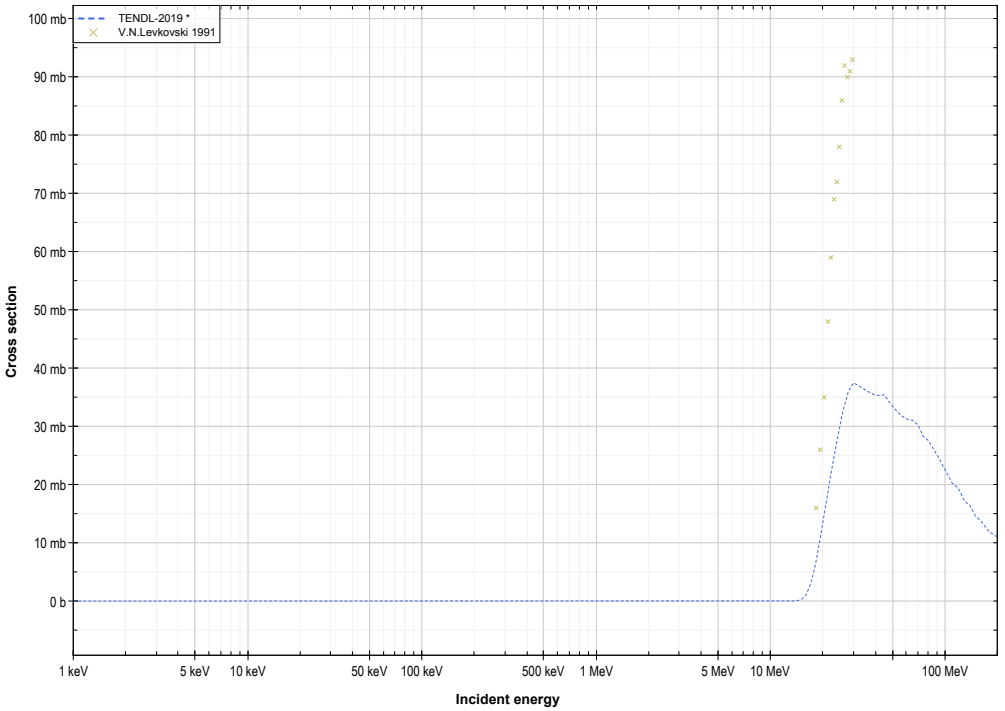
Reaction	Q-Value
Ti47(p,α)Sc44	-2257.30 keV
Ti47(p,p+t)Sc44	-22071.17 keV
Ti47(p,n+He3)Sc44	-22834.92 keV
Ti47(p,2d)Sc44	-26103.83 keV
Ti47(p,n+p+d)Sc44	-28328.40 keV
Ti47(p,2n+2p)Sc44	-30552.96 keV

<< 20-Ca-44	**22-Ti-47**	22-Ti-48 >>
<< MT107 (p,α)	**MT111 (p,2p) or MT5 (Sc46 production)**	MT176 (p,2n+³He) >>

Ti47 (p,2p) or Sc46 production log-log



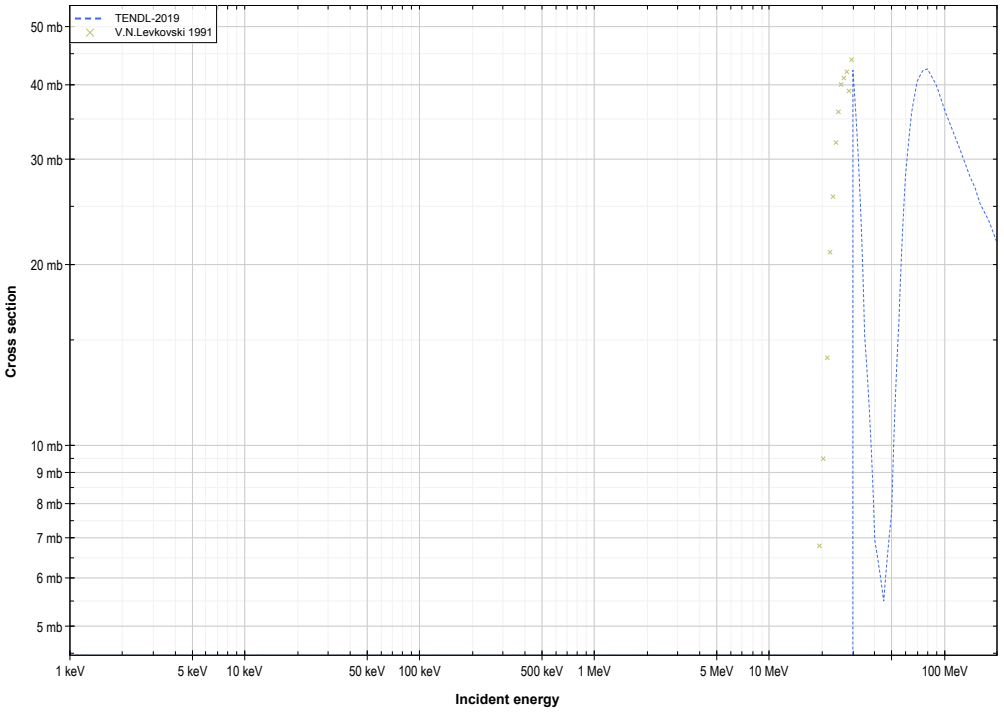
Ti47 (p,2p) or Sc46 production lin-log



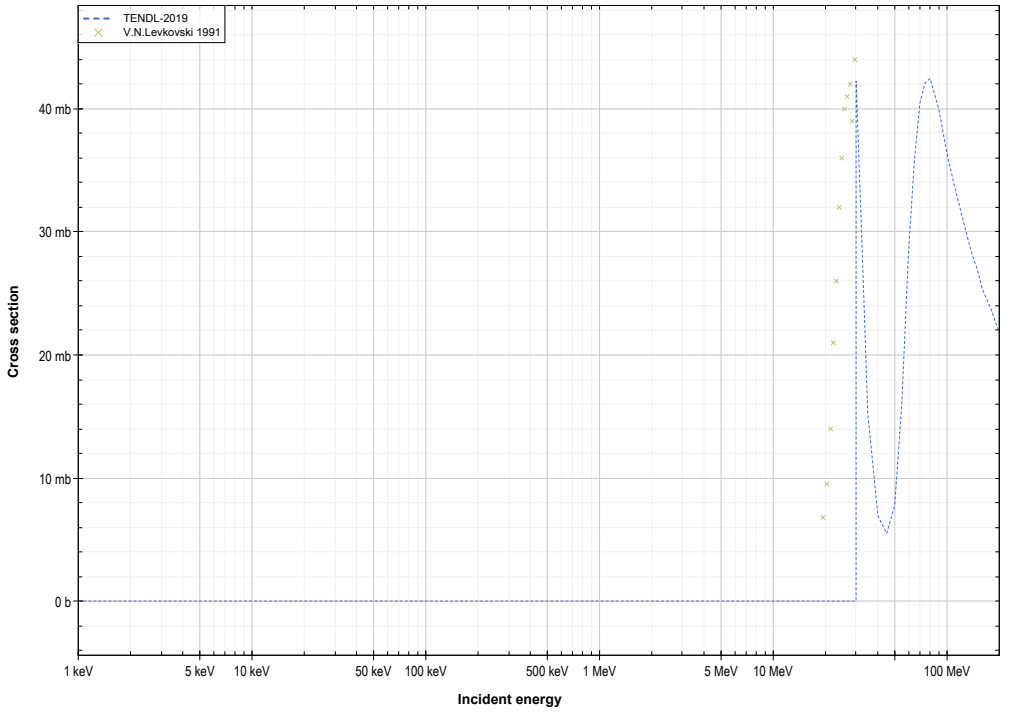
Reaction	Q-Value
Ti47(p,2p)Sc46	-10465.13 keV

<< 18-Ar-40	**22-Ti-47**	22-Ti-48 >>
<< MT111 (p,2p)	**MT176 (p,2n+³He) or MT5 (Sc43 production)**	MT179 (p,3n+2p) >>

Ti47 (p,2n+³He) or Sc43 production log-log



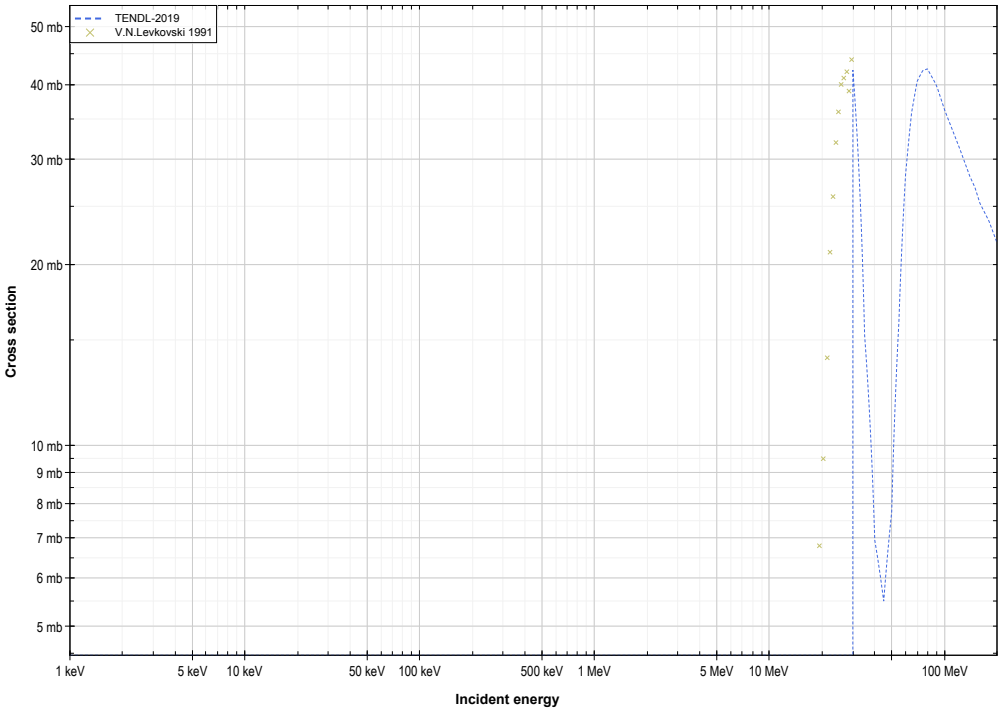
Ti47 (p,2n+³He) or Sc43 production lin-log



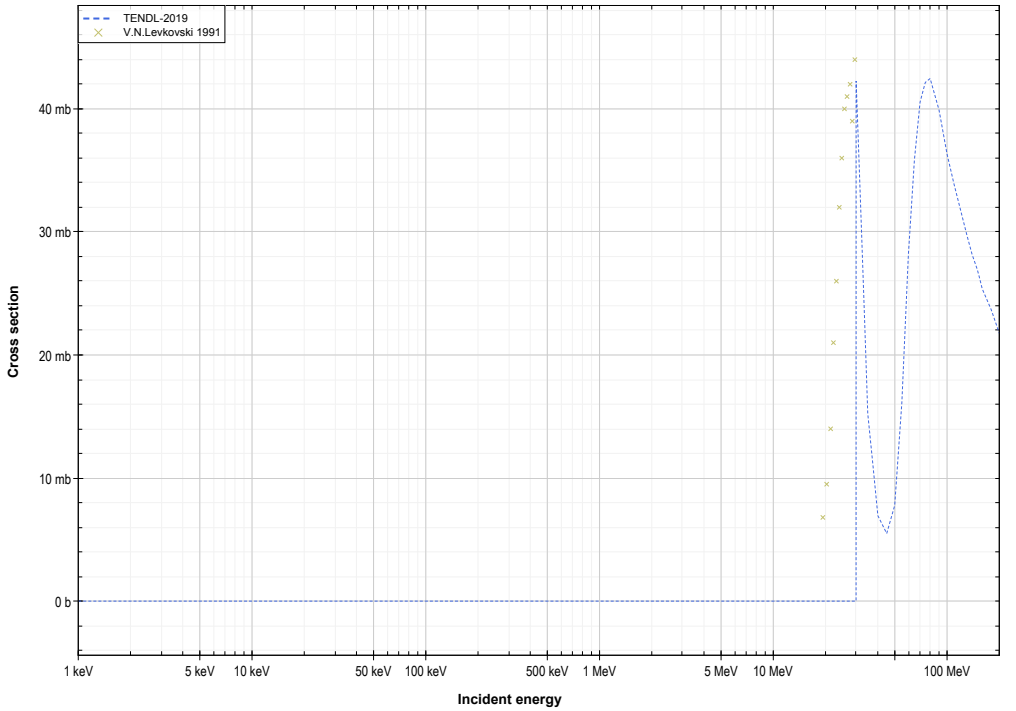
Reaction	Q-Value
Ti47(p,n+α)Sc43	-11956.52 keV
Ti47(p,d+t)Sc43	-29545.82 keV
Ti47(p,n+p+t)Sc43	-31770.39 keV
Ti47(p,2n+He3)Sc43	-32534.14 keV
Ti47(p,n+2d)Sc43	-35803.05 keV
Ti47(p,2n+p+d)Sc43	-38027.62 keV
Ti47(p,3n+2p)Sc43	-40252.18 keV

<< 18-Ar-40	**22-Ti-47**	22-Ti-48 >>
<< MT176 (p,2n+^{3}He)	**MT179 (p,3n+2p) or MT5 (Sc43 production)**	MT182 (p,d+t) >>

Ti47 (p,3n+2p) or Sc43 production log-log



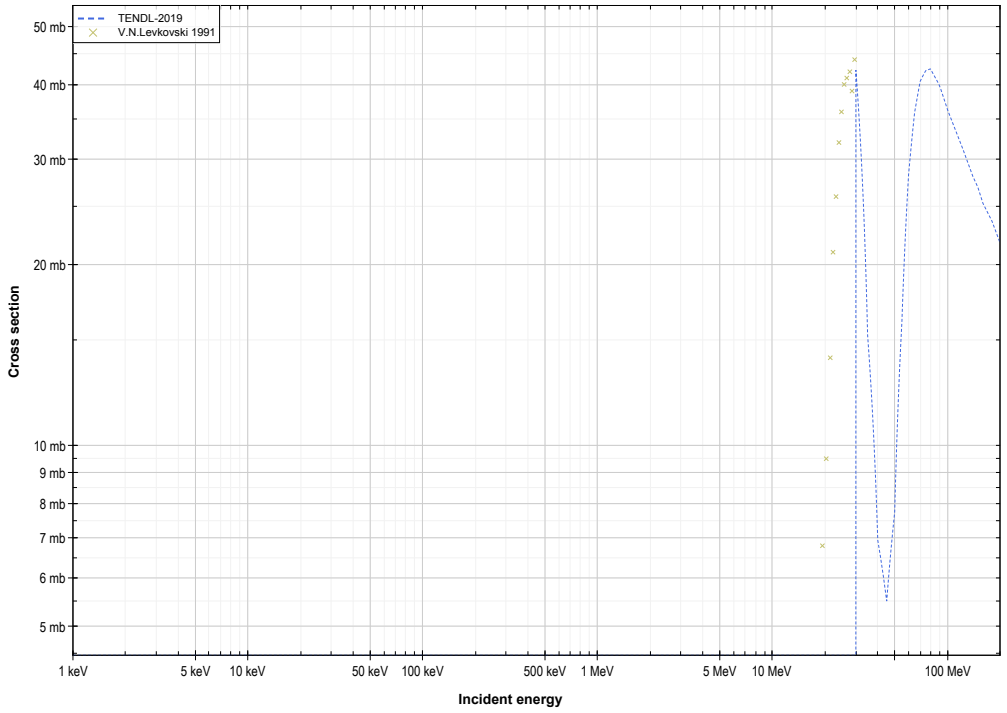
Ti47 (p,3n+2p) or Sc43 production lin-log



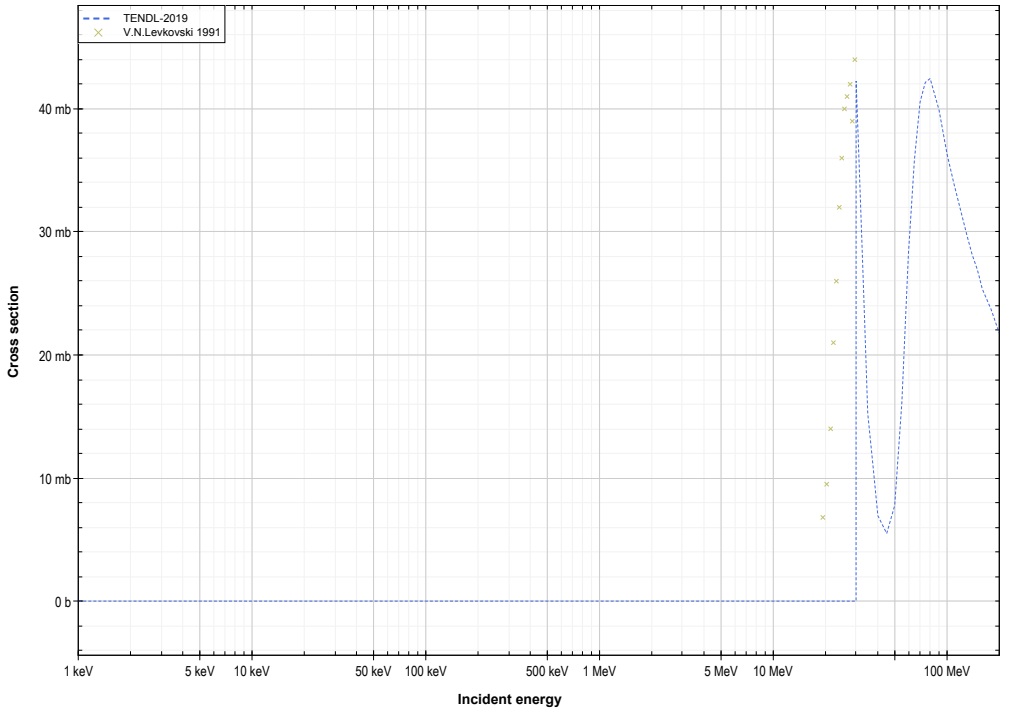
Reaction	Q-Value
Ti47(p,n+α)Sc43	-11956.52 keV
Ti47(p,d+t)Sc43	-29545.82 keV
Ti47(p,n+p+t)Sc43	-31770.39 keV
Ti47(p,2n+He3)Sc43	-32534.14 keV
Ti47(p,n+2d)Sc43	-35803.05 keV
Ti47(p,2n+p+d)Sc43	-38027.62 keV
Ti47(p,3n+2p)Sc43	-40252.18 keV

<< 18-Ar-40	**22-Ti-47**	22-Ti-48 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Sc43 production)**	MT184 (p,n+p+t) >>

Ti47 (p,d+t) or Sc43 production log-log



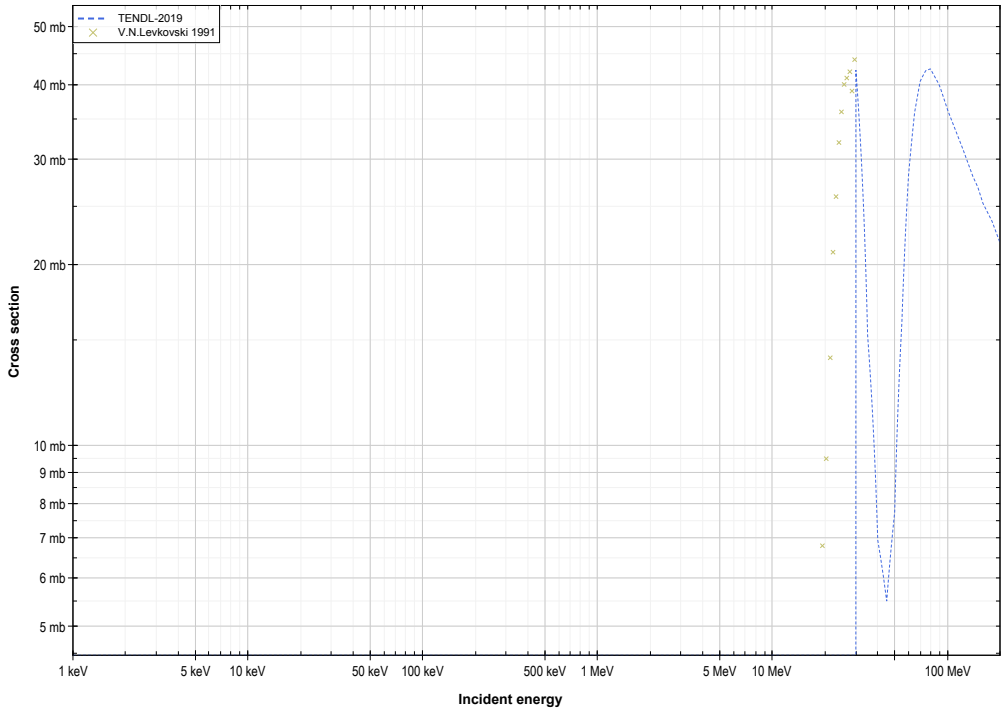
Ti47 (p,d+t) or Sc43 production lin-log



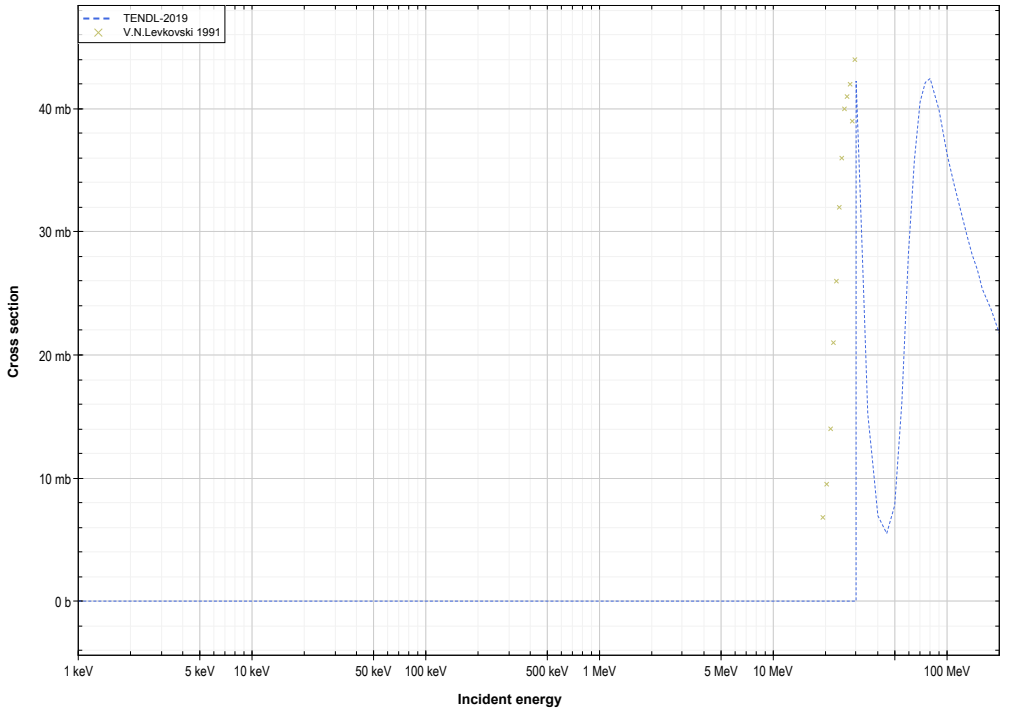
Reaction	Q-Value
Ti47(p,n+α)Sc43	-11956.52 keV
Ti47(p,d+t)Sc43	-29545.82 keV
Ti47(p,n+p+t)Sc43	-31770.39 keV
Ti47(p,2n+He3)Sc43	-32534.14 keV
Ti47(p,n+2d)Sc43	-35803.05 keV
Ti47(p,2n+p+d)Sc43	-38027.62 keV
Ti47(p,3n+2p)Sc43	-40252.18 keV

<< 18-Ar-40	**22-Ti-47**	22-Ti-48 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Sc43 production)**	22-Ti-48 MT4 (p,n) >>

Ti47 (p,n+p+t) or Sc43 production log-log



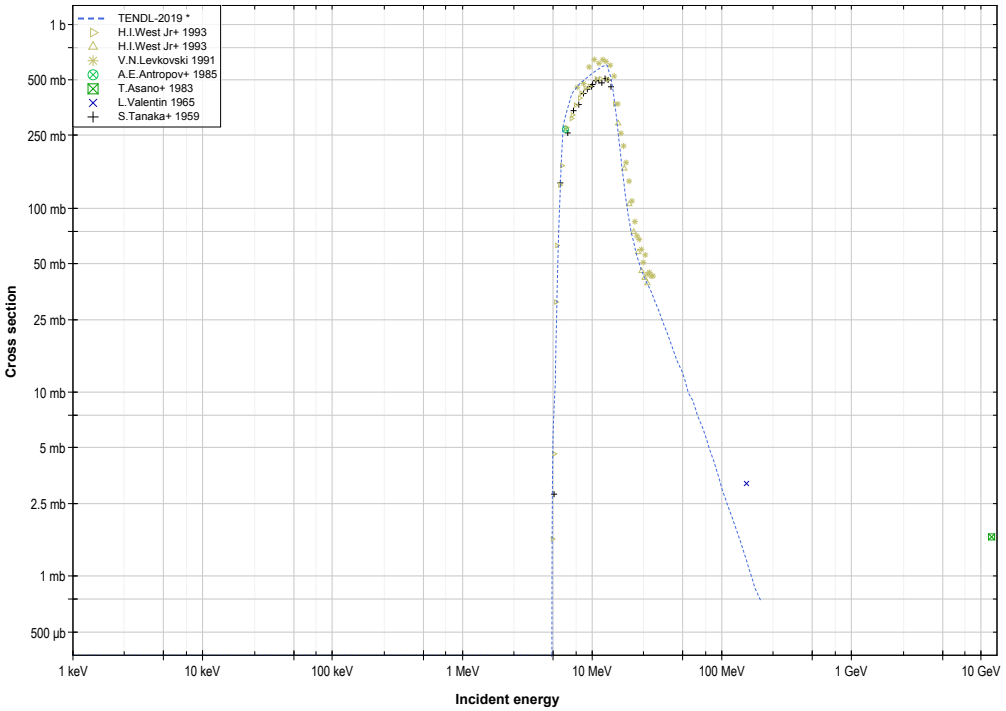
Ti47 (p,n+p+t) or Sc43 production lin-log



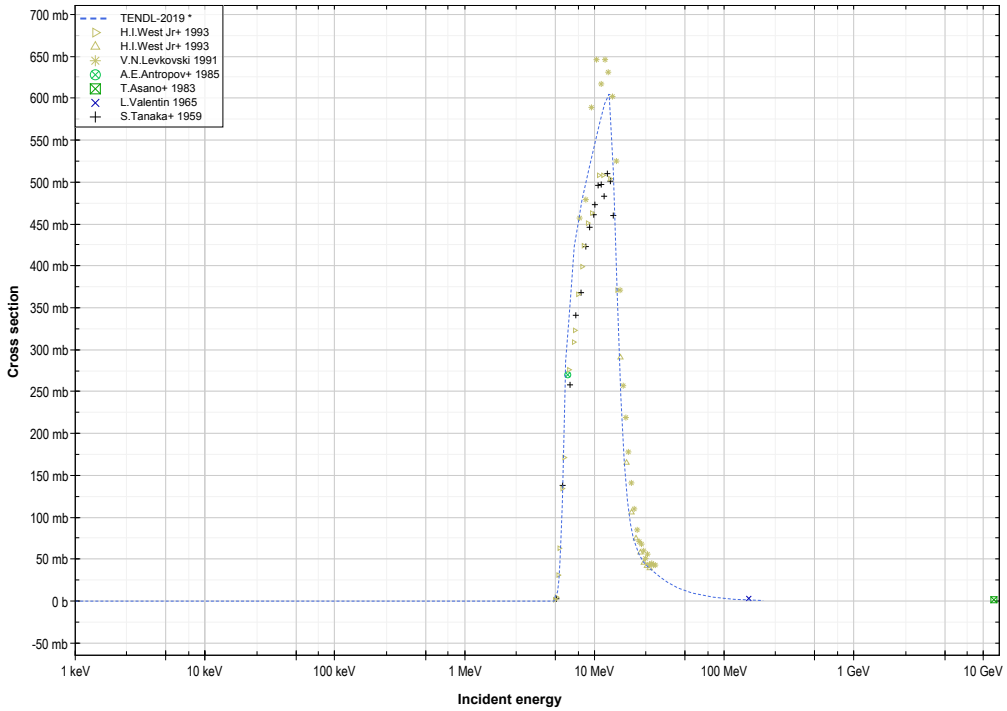
Reaction	Q-Value
Ti47(p,n+α)Sc43	-11956.52 keV
Ti47(p,d+t)Sc43	-29545.82 keV
Ti47(p,n+p+t)Sc43	-31770.39 keV
Ti47(p,2n+He3)Sc43	-32534.14 keV
Ti47(p,n+2d)Sc43	-35803.05 keV
Ti47(p,2n+p+d)Sc43	-38027.62 keV
Ti47(p,3n+2p)Sc43	-40252.18 keV

<< 22-Ti-47	**22-Ti-48**	22-Ti-49 >>
<< 22-Ti-47 MT184 (p,n+p+t)	**MT4 (p,n) or MT5 (V48 production)**	MT16 (p,2n) >>

Ti48 (p,n) or V48 production log-log



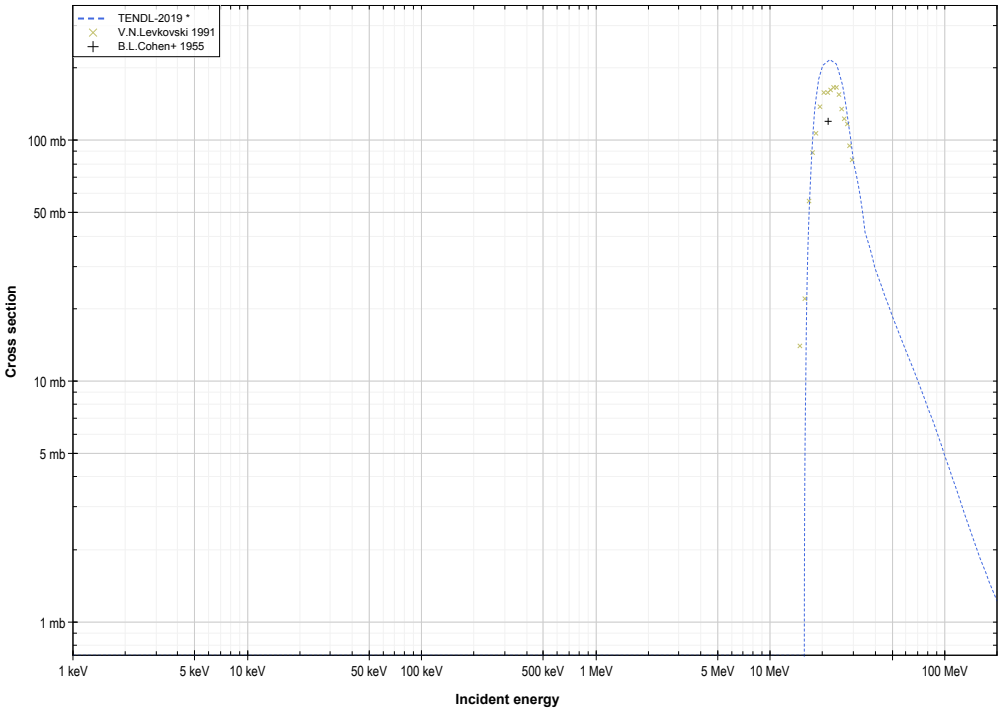
Ti48 (p,n) or V48 production lin-log



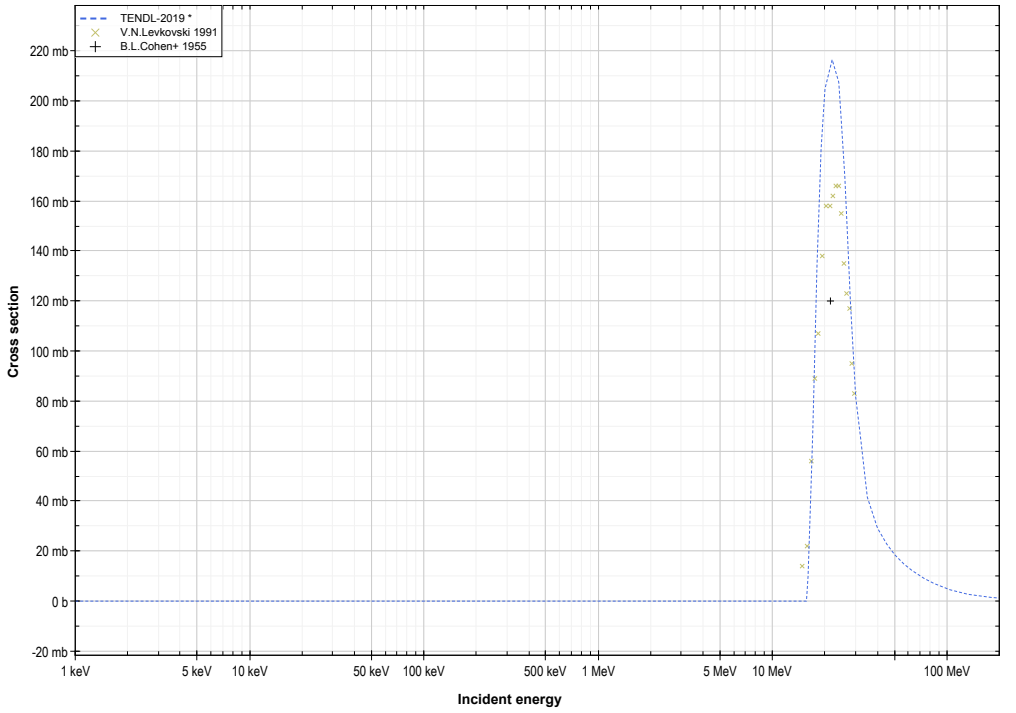
Reaction	Q-Value
Ti48(p,n)V48	-4797.36 keV

<< 21-Sc-45	**22-Ti-48**	22-Ti-49 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (V47 production)**	MT22 (p,n+α) >>

Ti48 (p,2n) or V47 production log-log



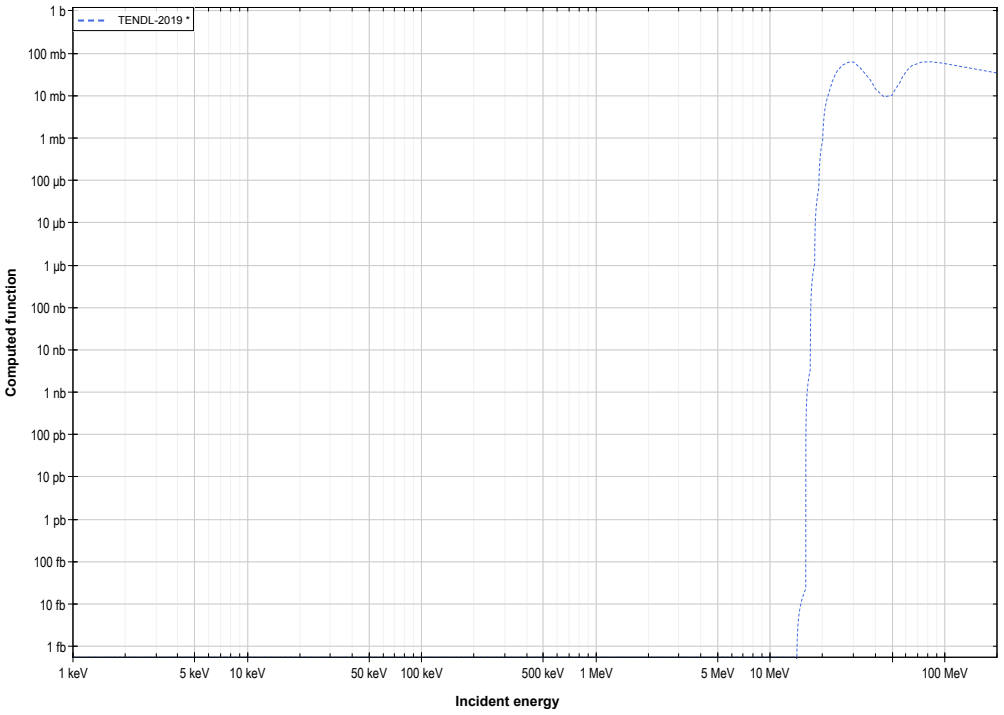
Ti48 (p,2n) or V47 production lin-log



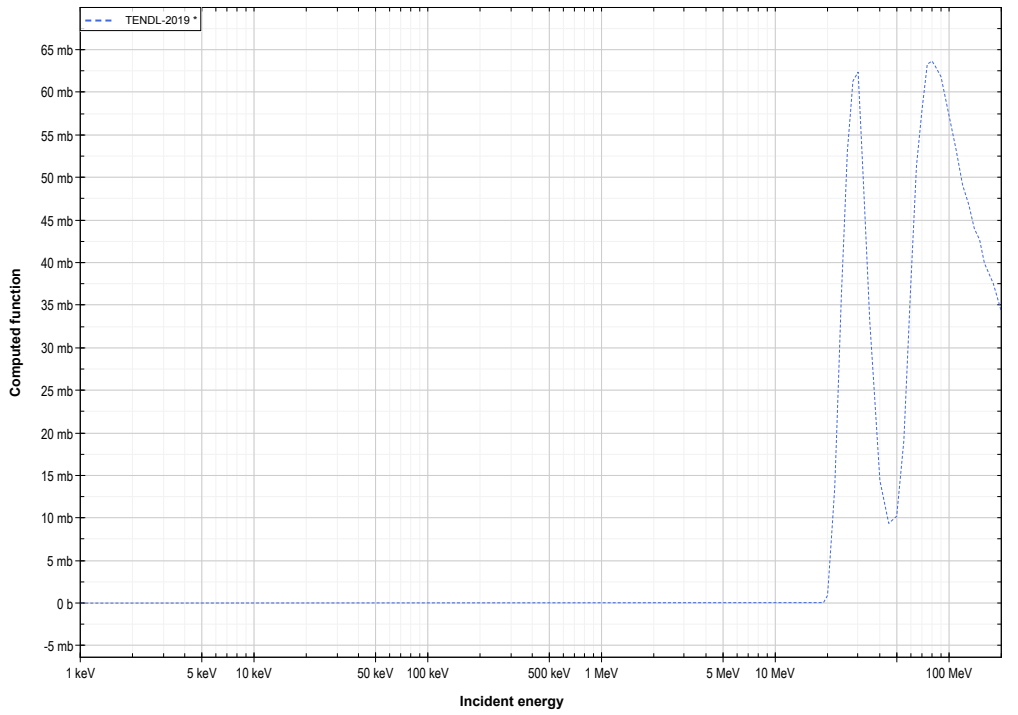
Reaction	Q-Value
Ti48(p,2n)V47	-15339.75 keV

<< 22-Ti-47	**22-Ti-48**	22-Ti-50 >>
<< MT16 (p,2n)	**MT22 (p,n+α) or MT5 (Sc44 production)**	MT102 (p,γ) >>

Ti48 (p,n+α) or Sc44 production log-log



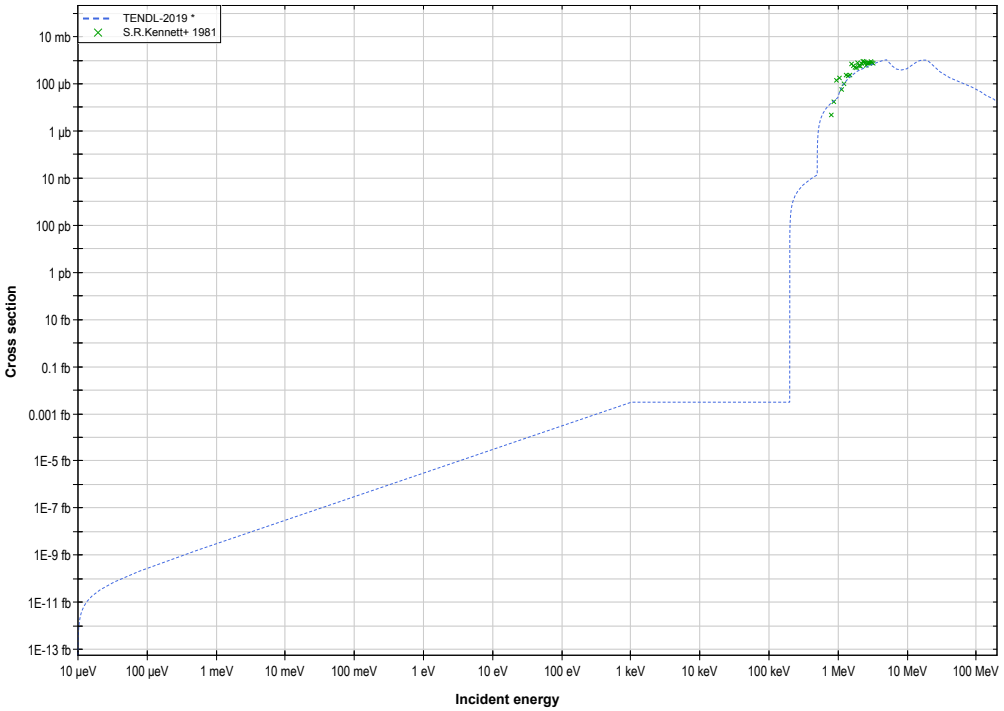
Ti48 (p,n+α) or Sc44 production lin-log



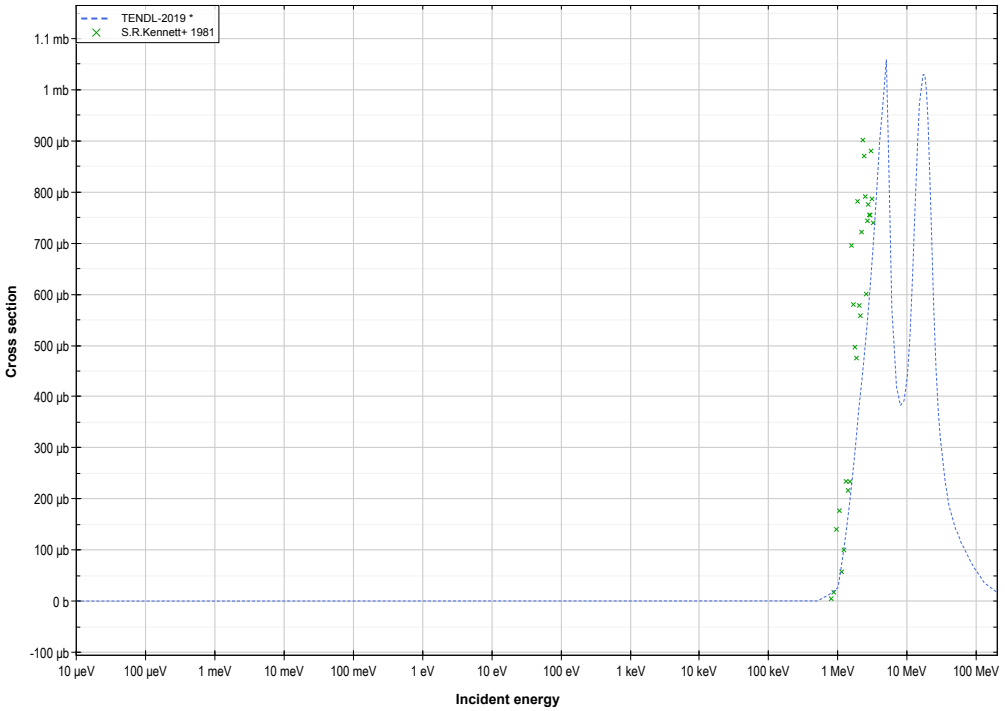
Reaction	Q-Value
Ti48(p,n+α)Sc44	-13883.97 keV
Ti48(p,d+t)Sc44	-31473.27 keV
Ti48(p,n+p+t)Sc44	-33697.84 keV
Ti48(p,2n+He3)Sc44	-34461.59 keV
Ti48(p,n+2d)Sc44	-37730.50 keV
Ti48(p,2n+p+d)Sc44	-39955.07 keV
Ti48(p,3n+2p)Sc44	-42179.63 keV

<< 22-Ti-47	**22-Ti-48**	22-Ti-49 >>
<< MT22 (p,n+α)	**MT102 (p,γ) or MT5 (V49 production)**	MT111 (p,2p) >>

Ti48 (p,γ) or V49 production log-log



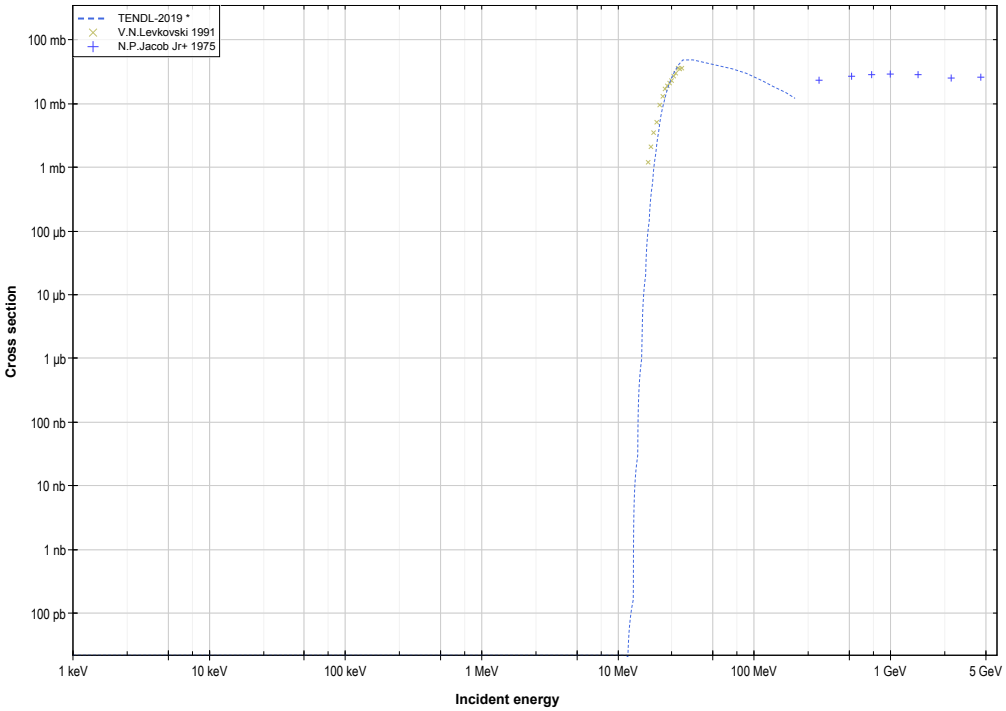
Ti48 (p,γ) or V49 production lin-log



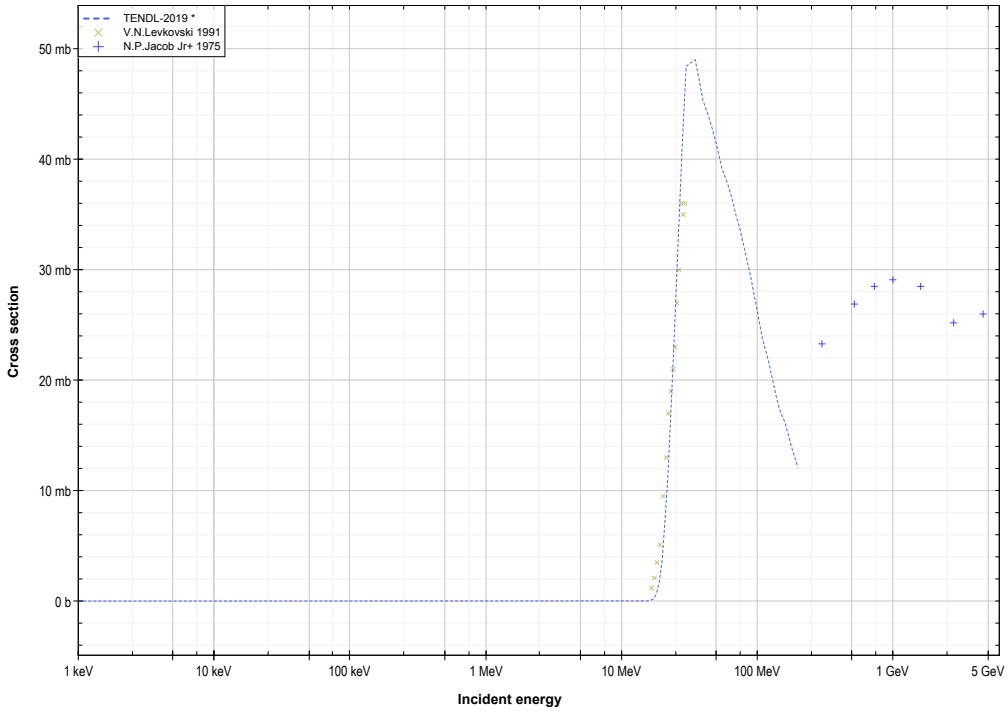
Reaction	Q-Value
Ti48(p,γ)V49	6758.16 keV

<< 22-Ti-47	**22-Ti-48**	22-Ti-49 >>
<< MT102 (p,γ)	**MT111 (p,2p) or MT5 (Sc47 production)**	MT176 (p,2n+³He) >>

Ti48 (p,2p) or Sc47 production log-log



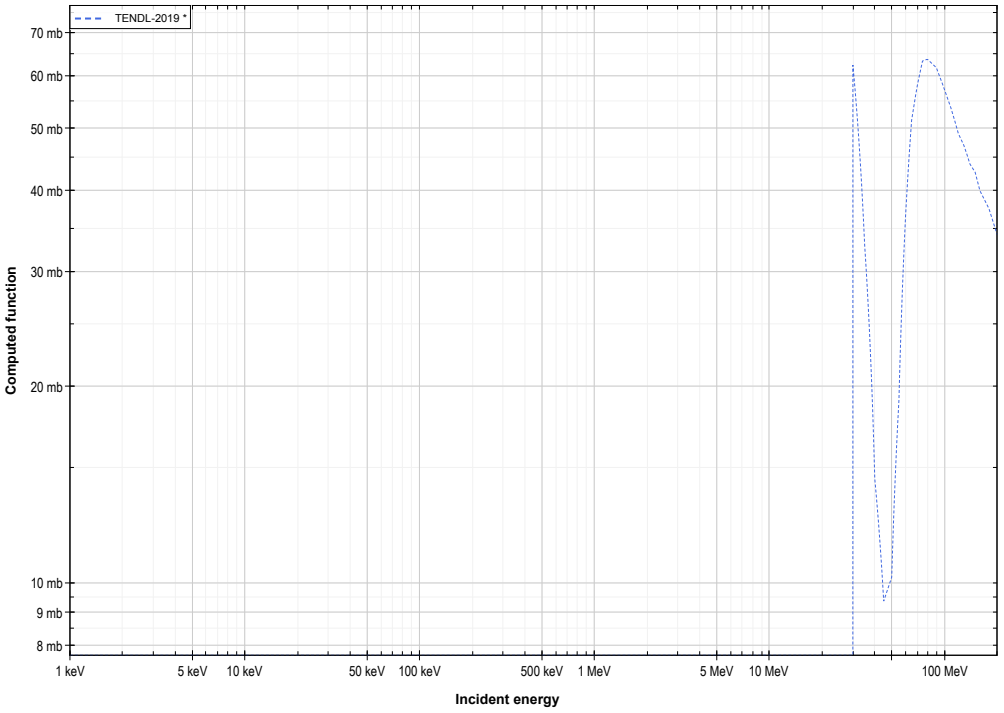
Ti48 (p,2p) or Sc47 production lin-log



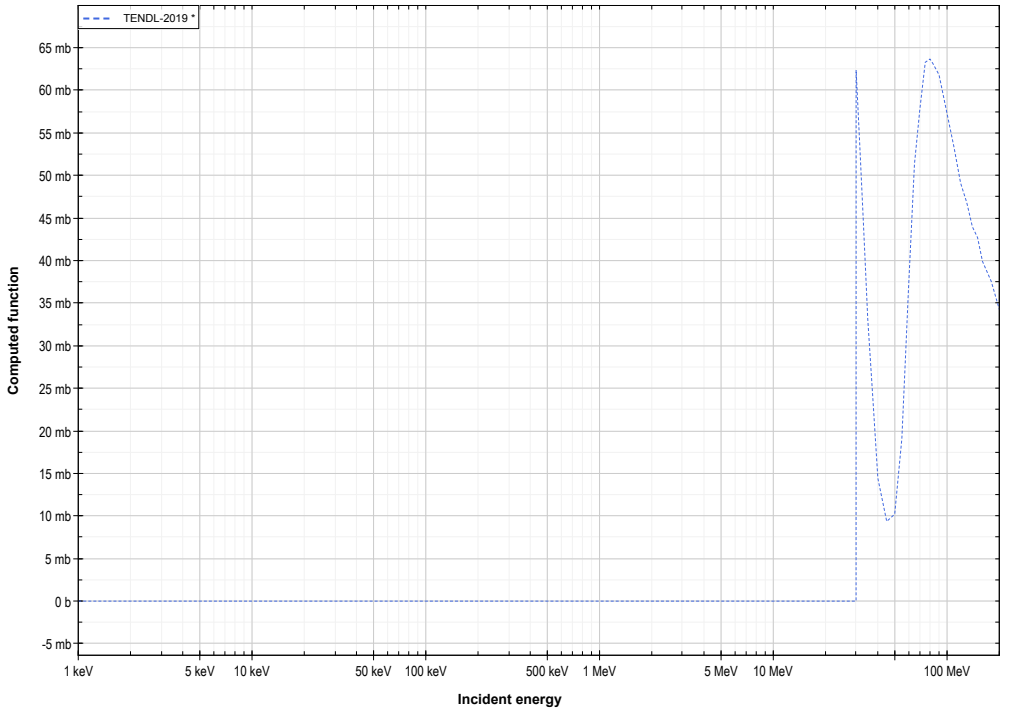
Reaction	Q-Value
Ti48(p,2p)Sc47	-11445.08 keV

<< 22-Ti-47	**22-Ti-48**	24-Cr-52 >>
<< MT111 (p,2p)	**MT176 (p,2n+³He) or MT5 (Sc44 production)**	MT179 (p,3n+2p) >>

Ti48 (p,2n+³He) or Sc44 production log-log



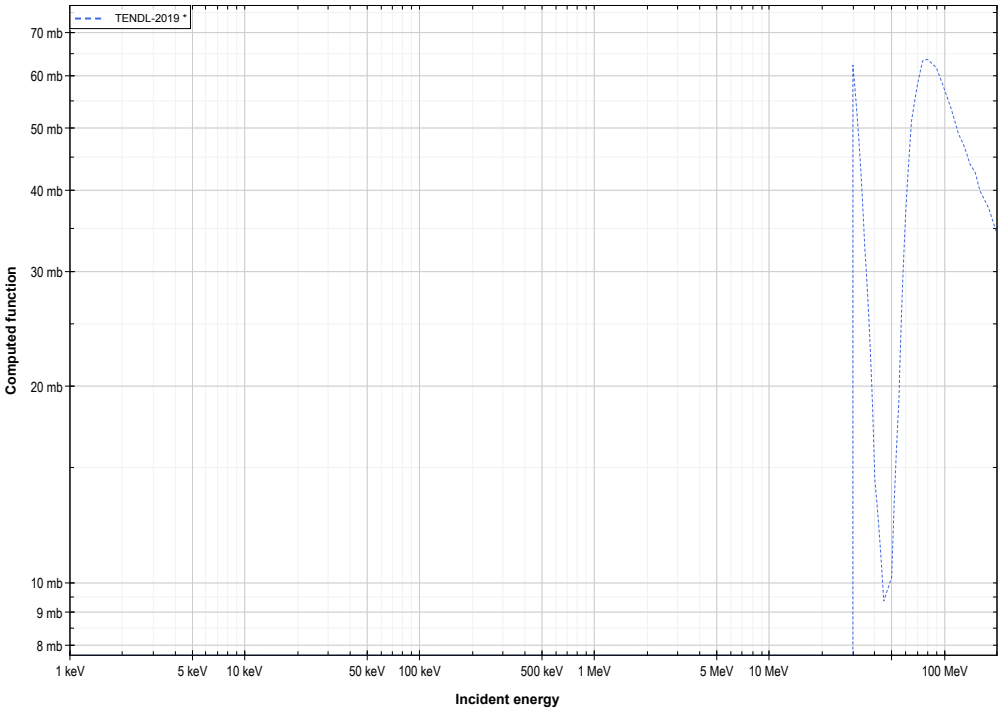
Ti48 (p,2n+³He) or Sc44 production lin-log



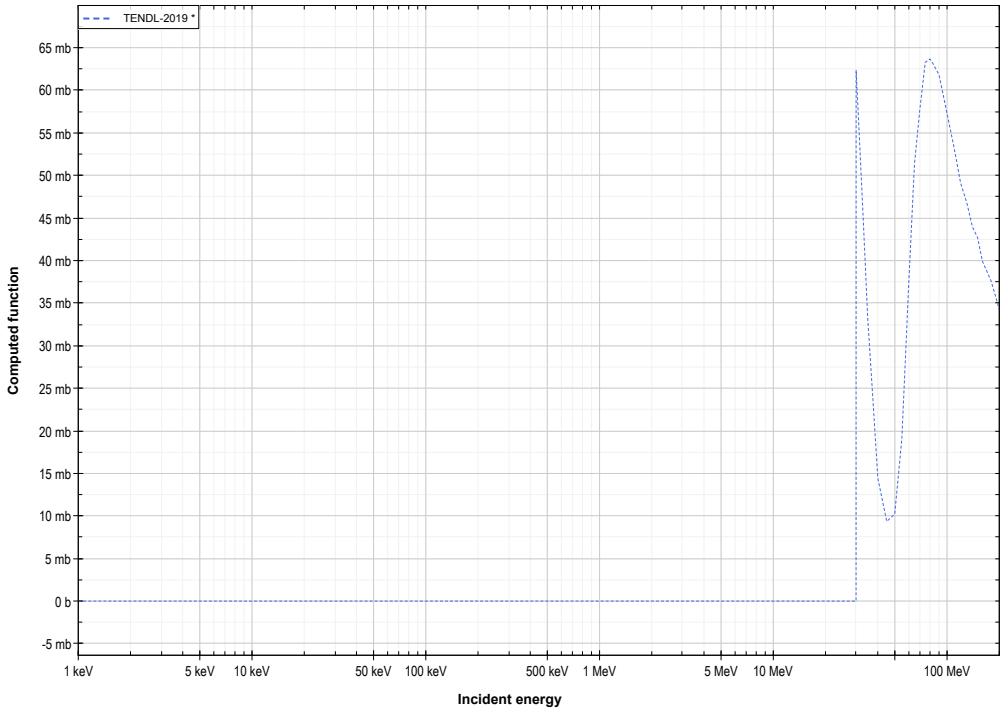
Reaction	Q-Value
Ti48(p,n+α)Sc44	-13883.97 keV
Ti48(p,d+t)Sc44	-31473.27 keV
Ti48(p,n+p+t)Sc44	-33697.84 keV
Ti48(p,2n+He3)Sc44	-34461.59 keV
Ti48(p,n+2d)Sc44	-37730.50 keV
Ti48(p,2n+p+d)Sc44	-39955.07 keV
Ti48(p,3n+2p)Sc44	-42179.63 keV

<< 22-Ti-47	**22-Ti-48**	24-Cr-52 >>
<< MT176 (p,2n+³He)	**MT179 (p,3n+2p) or MT5 (Sc44 production)**	MT182 (p,d+t) >>

Ti48 (p,3n+2p) or Sc44 production log-log



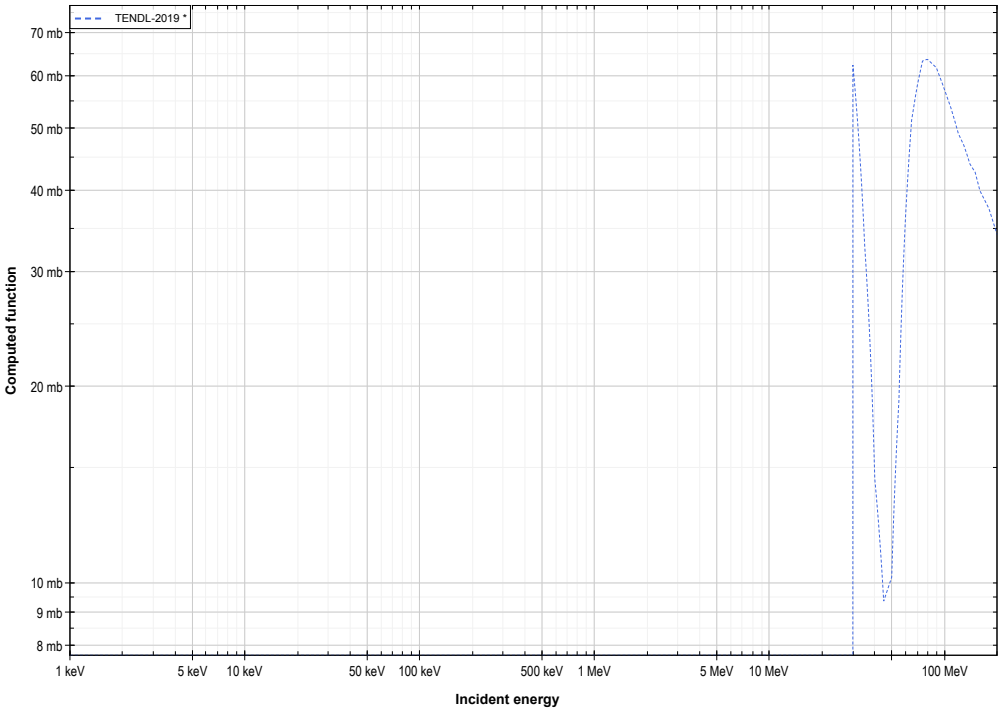
Ti48 (p,3n+2p) or Sc44 production lin-log



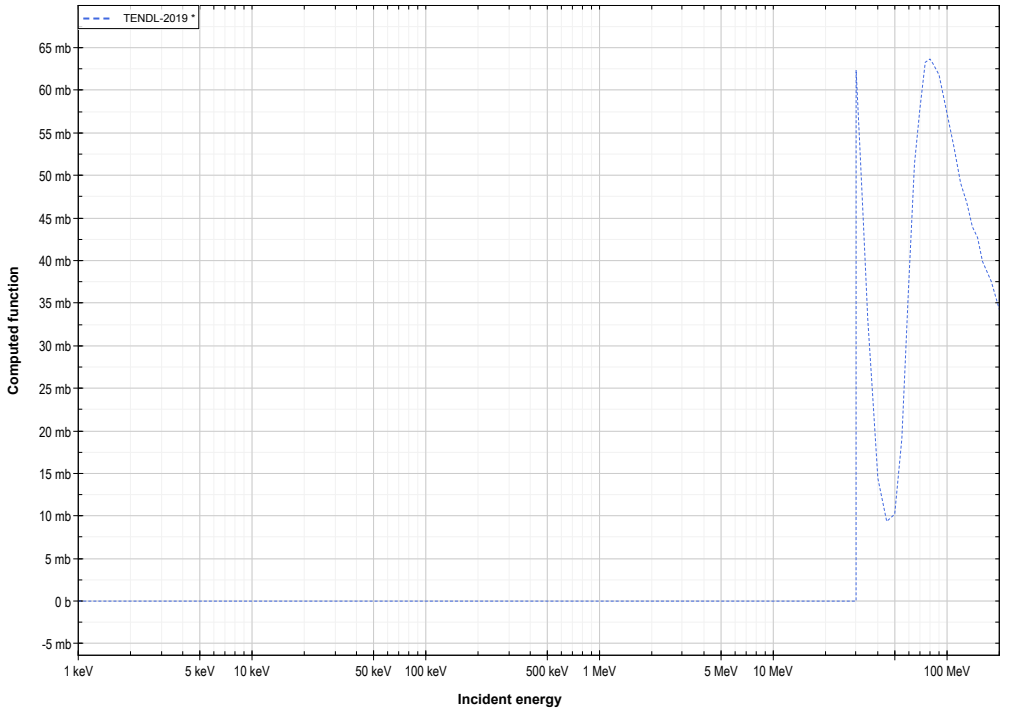
Reaction	Q-Value
Ti48(p,n+α)Sc44	-13883.97 keV
Ti48(p,d+t)Sc44	-31473.27 keV
Ti48(p,n+p+t)Sc44	-33697.84 keV
Ti48(p,2n+He3)Sc44	-34461.59 keV
Ti48(p,n+2d)Sc44	-37730.50 keV
Ti48(p,2n+p+d)Sc44	-39955.07 keV
Ti48(p,3n+2p)Sc44	-42179.63 keV

<< 22-Ti-47	**22-Ti-48**	24-Cr-52 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Sc44 production)**	MT184 (p,n+p+t) >>

Ti48 (p,d+t) or Sc44 production log-log



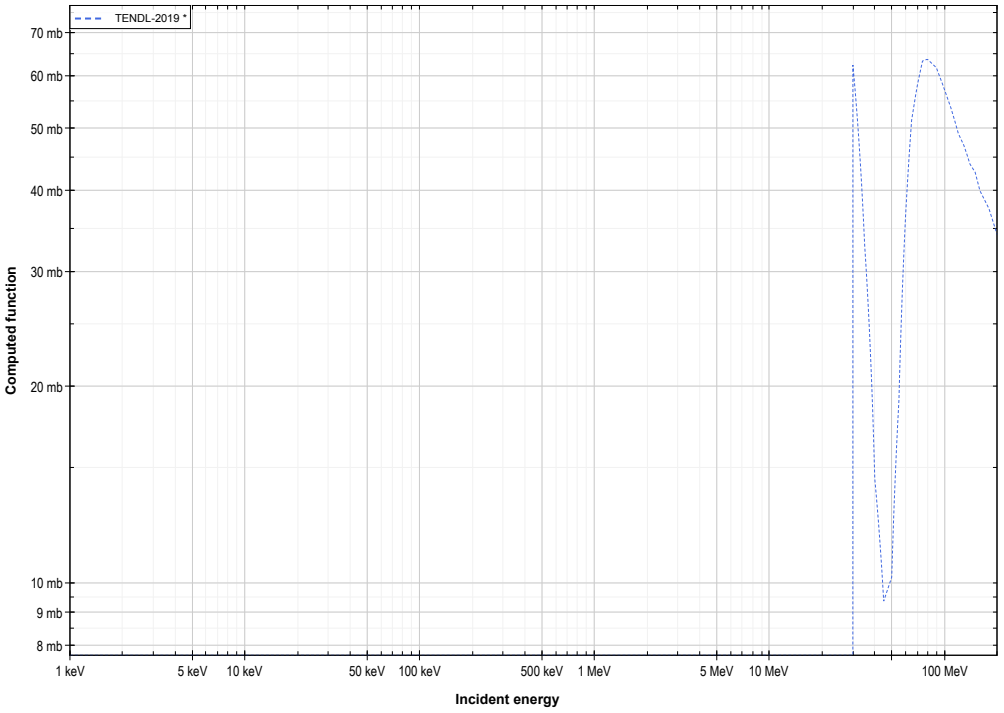
Ti48 (p,d+t) or Sc44 production lin-log



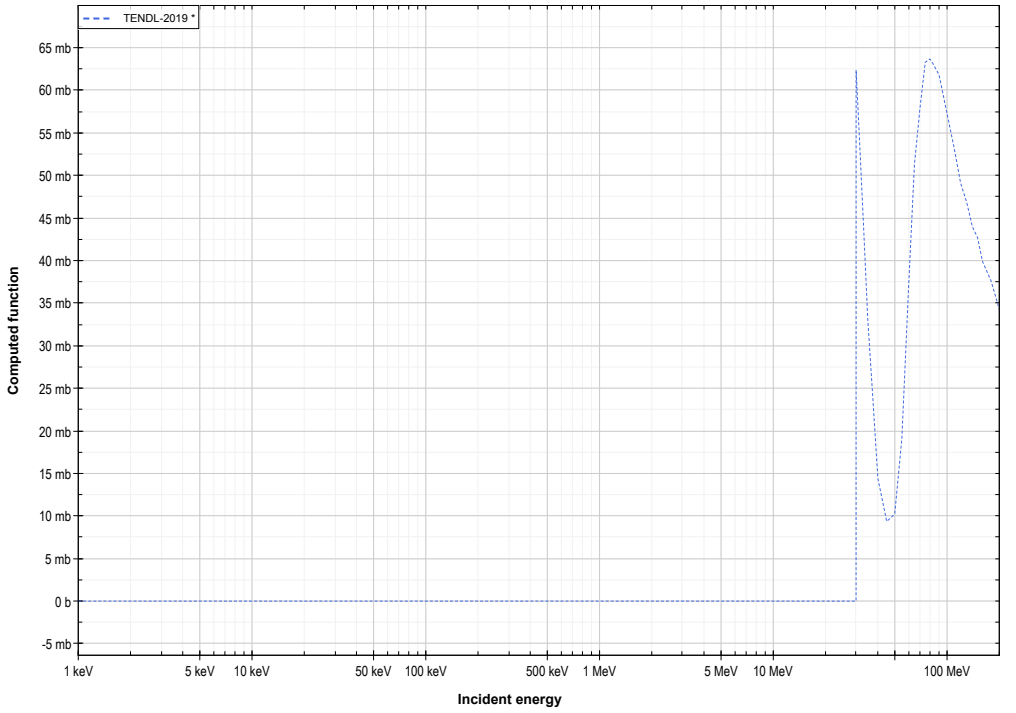
Reaction	Q-Value
Ti48(p,n+α)Sc44	-13883.97 keV
Ti48(p,d+t)Sc44	-31473.27 keV
Ti48(p,n+p+t)Sc44	-33697.84 keV
Ti48(p,2n+He3)Sc44	-34461.59 keV
Ti48(p,n+2d)Sc44	-37730.50 keV
Ti48(p,2n+p+d)Sc44	-39955.07 keV
Ti48(p,3n+2p)Sc44	-42179.63 keV

<< 22-Ti-47	**22-Ti-48**	24-Cr-52 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Sc44 production)**	22-Ti-49 MT4 (p,n) >>

Ti48 (p,n+p+t) or Sc44 production log-log



Ti48 (p,n+p+t) or Sc44 production lin-log



Reaction	Q-Value
Ti48(p,n+α)Sc44	-13883.97 keV
Ti48(p,d+t)Sc44	-31473.27 keV
Ti48(p,n+p+t)Sc44	-33697.84 keV
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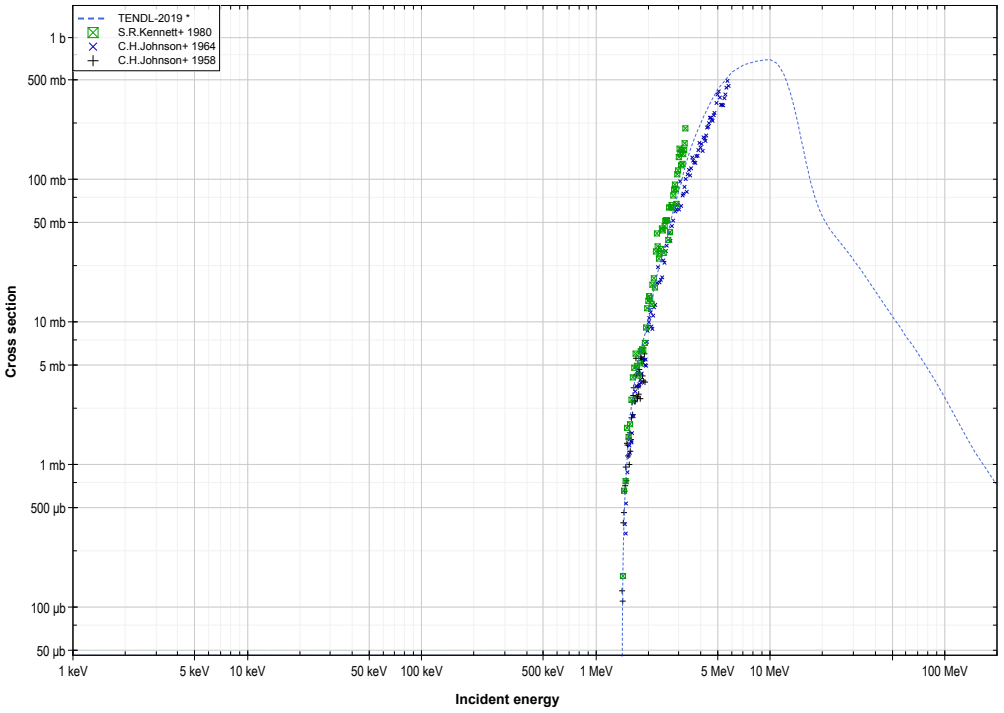
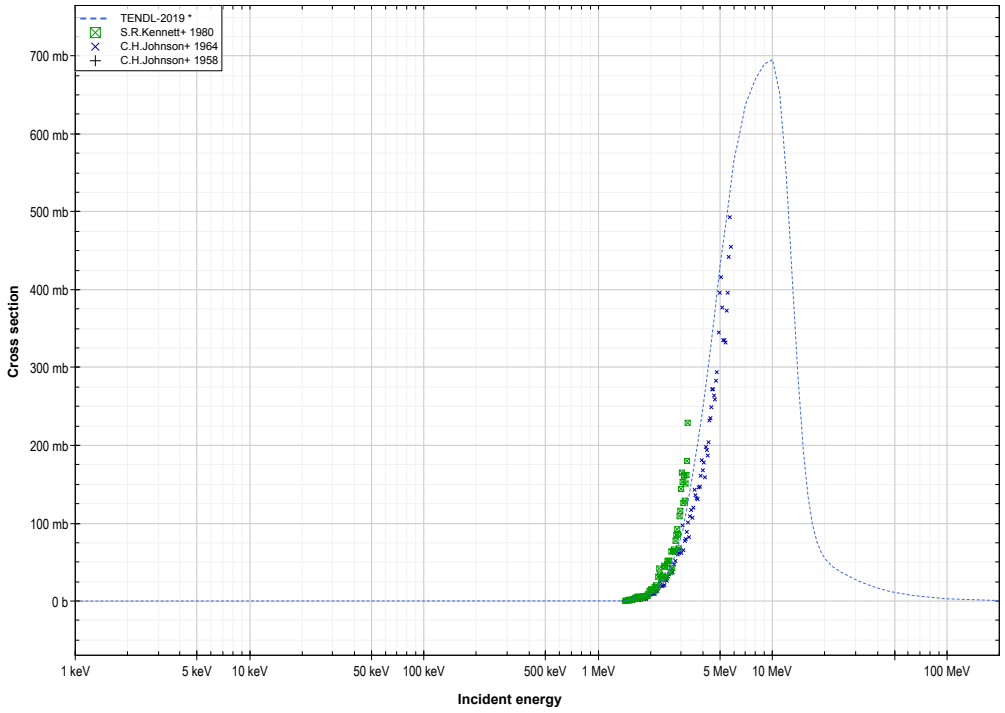
Ti48(p,2n+p+d)Sc44	-39955.07 keV
Ti48(p,3n+2p)Sc44	-42179.63 keV

<< 22-Ti-48	**22-Ti-49**	22-Ti-50 >>
<< 22-Ti-48 MT184 (p,n+p+t)	**MT4 (p,n) or MT5 (V49 production)**	MT16 (p,2n) >>

Ti49 (p,n) or V49 production log-log



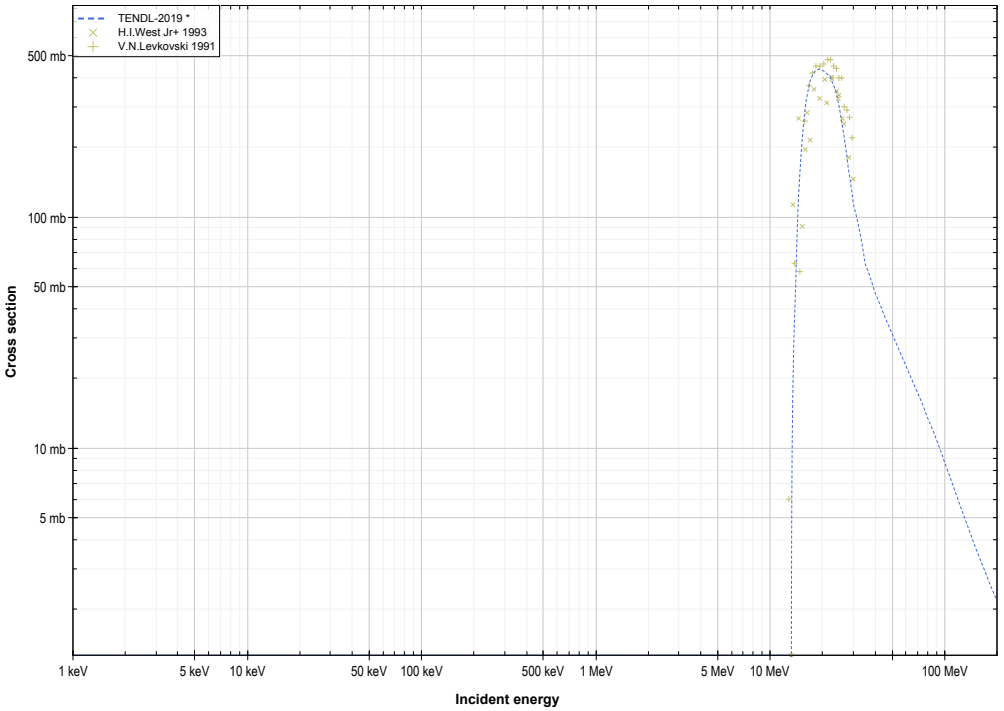
Ti49 (p,n) or V49 production lin-log



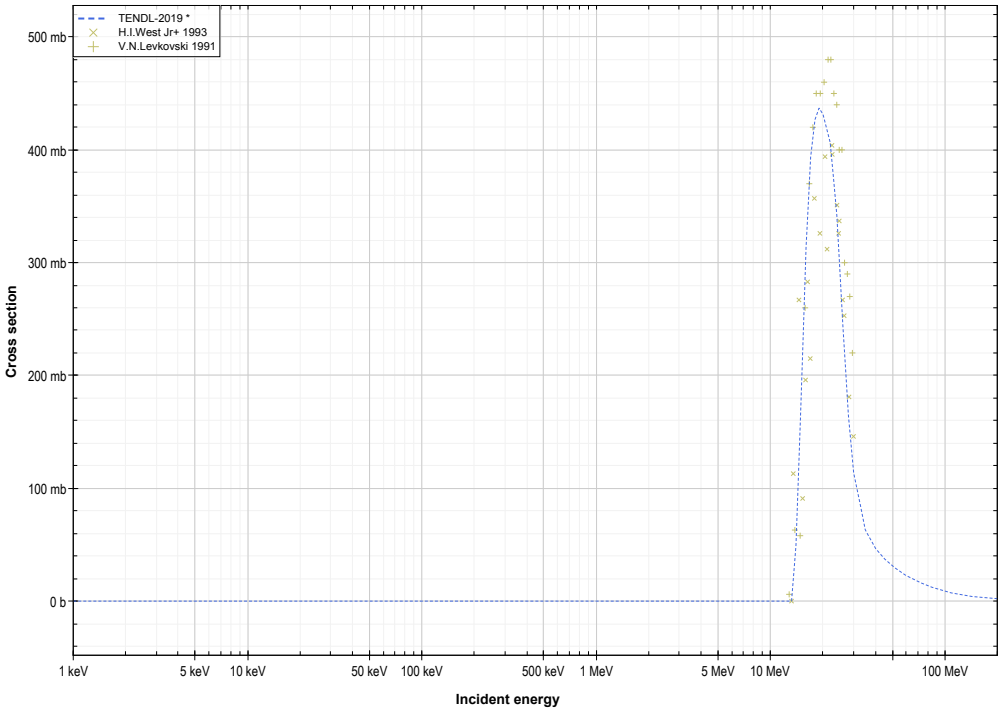
Reaction	Q-Value
Ti49(p,n)V49	-1384.24 keV

<< 22-Ti-48	**22-Ti-49**	24-Cr-52 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (V48 production)**	MT102 (p,γ) >>

Ti49 (p,2n) or V48 production log-log



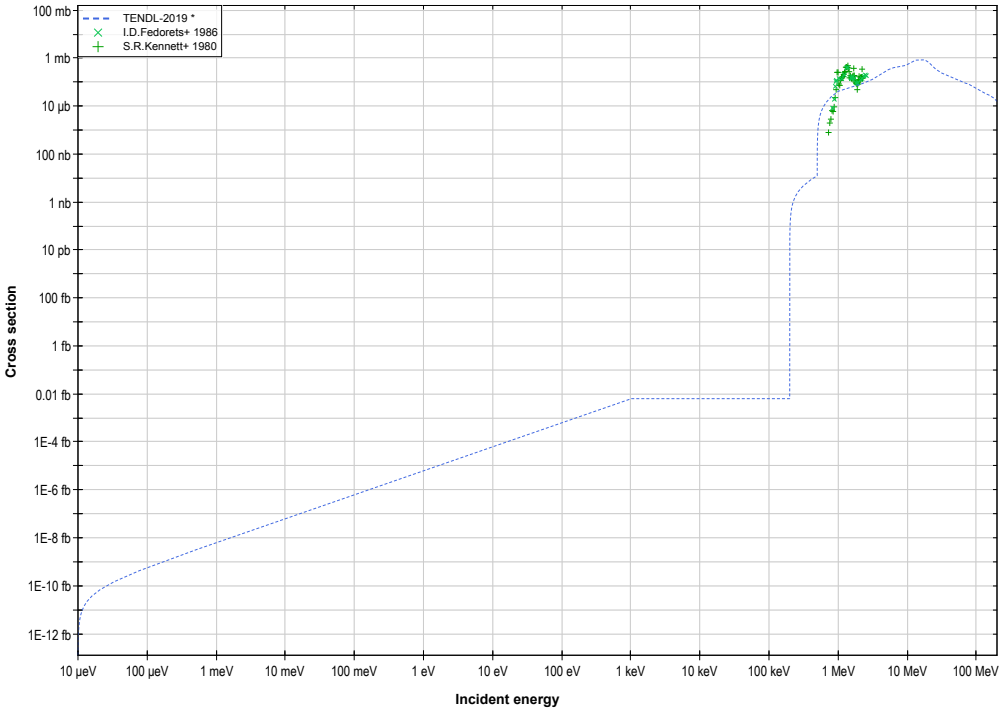
Ti49 (p,2n) or V48 production lin-log



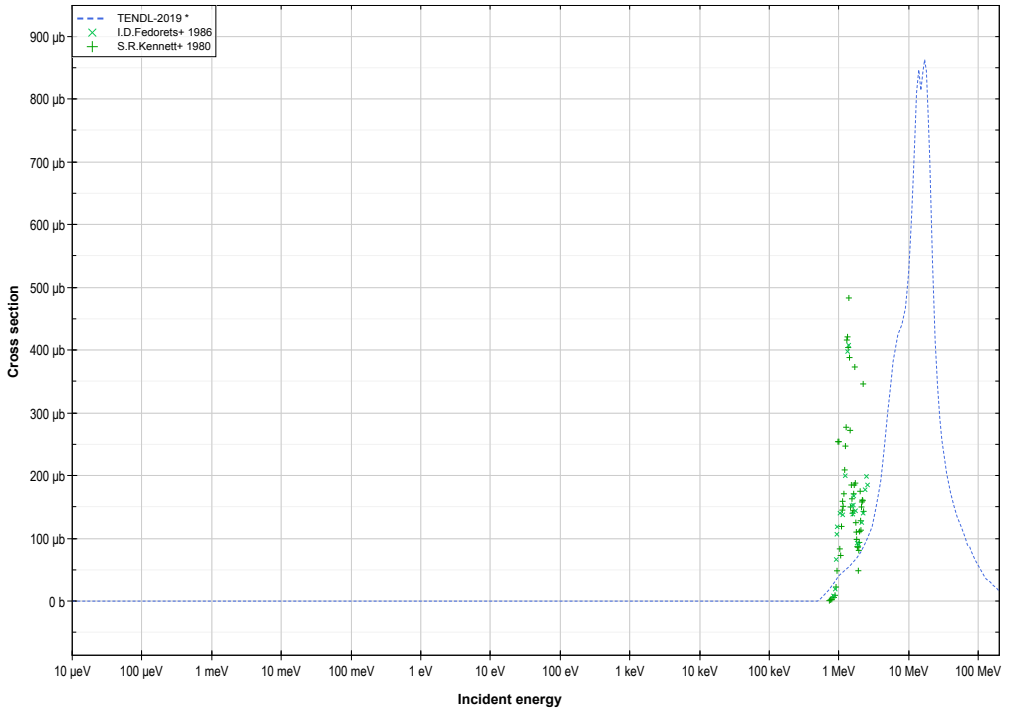
Reaction	Q-Value
Ti49(p,2n)V48	-12939.75 keV

<< 22-Ti-48	**22-Ti-49**	22-Ti-50 >>
<< MT16 (p,2n)	**MT102 (p,γ) or MT5 (V50 production)**	MT107 (p,α) >>

Ti49 (p,γ) or V50 production log-log



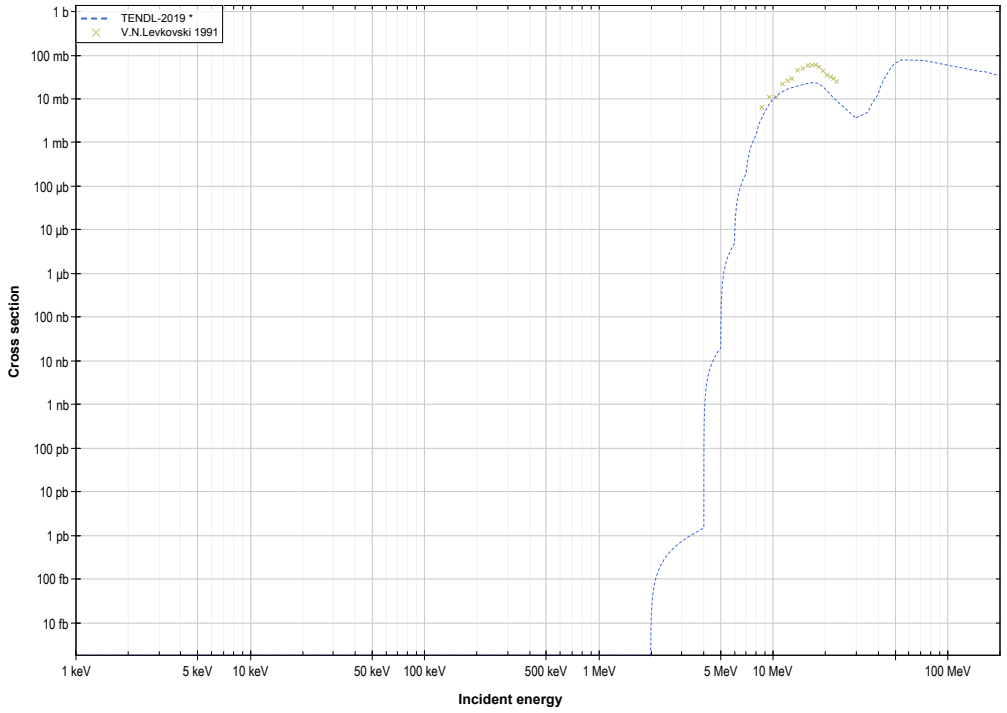
Ti49 (p,γ) or V50 production lin-log



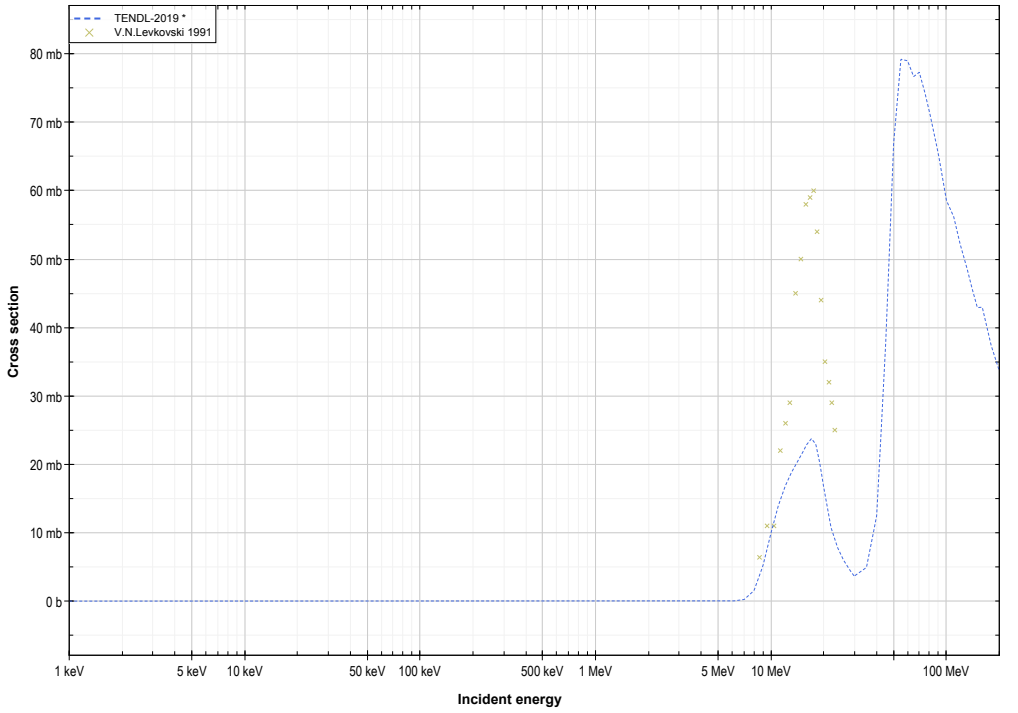
Reaction	Q-Value
Ti49(p,γ)V50	7949.18 keV

<< 22-Ti-47	**22-Ti-49**	22-Ti-50 >>
<< MT102 (p,γ)	**MT107 (p,α) or MT5 (Sc46 production)**	MT111 (p,2p) >>

Ti49 (p,α) or Sc46 production log-log



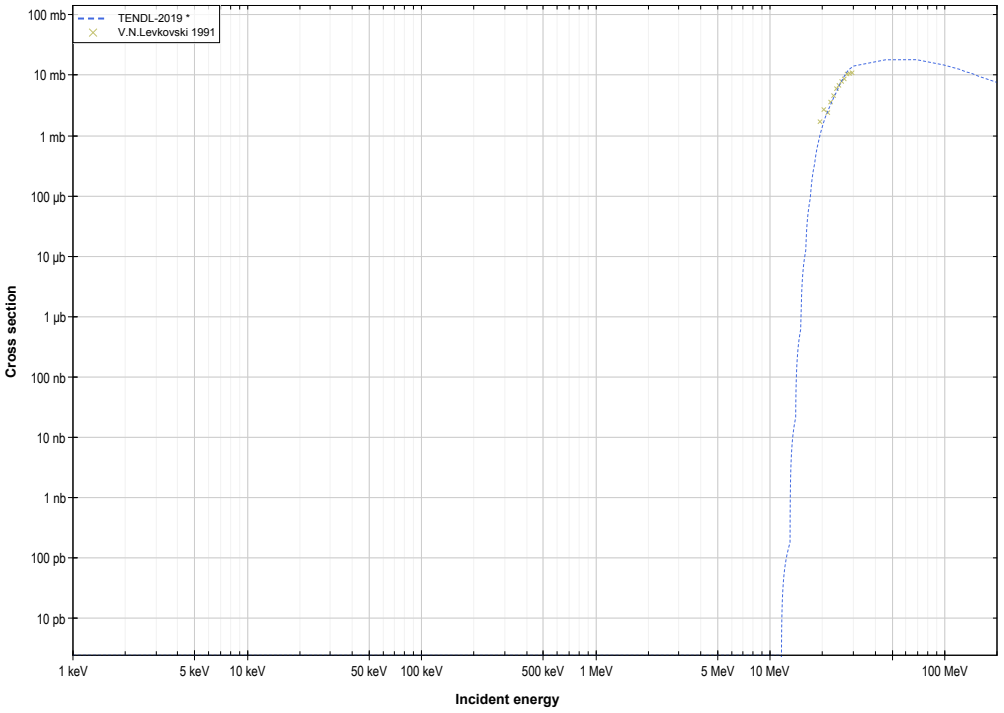
Ti49 (p,α) or Sc46 production lin-log



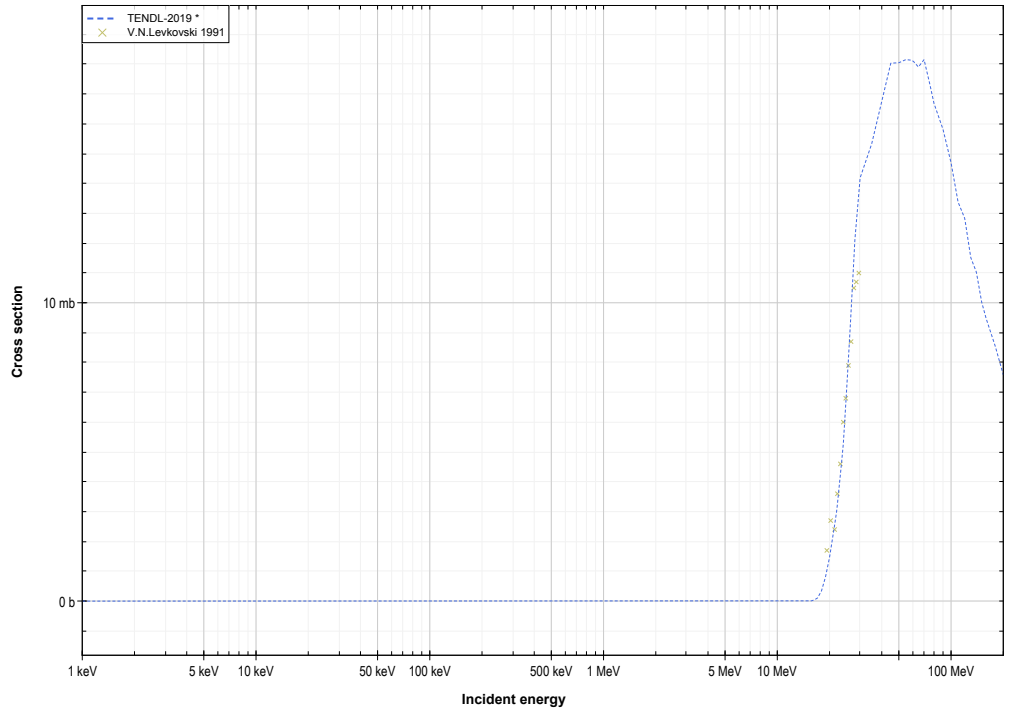
Reaction	Q-Value
Ti49(p,α)Sc46	-1938.53 keV
Ti49(p,p+t)Sc46	-21752.40 keV
Ti49(p,n+He3)Sc46	-22516.15 keV
Ti49(p,2d)Sc46	-25785.06 keV
Ti49(p,n+p+d)Sc46	-28009.63 keV
Ti49(p,2n+2p)Sc46	-30234.19 keV

<< 22-Ti-48	**22-Ti-49**	26-Fe-57 >>
<< MT107 (p,α)	**MT111 (p,2p) or MT5 (Sc48 production)**	22-Ti-50 MT4 (p,n) >>

Ti49 (p,2p) or Sc48 production log-log



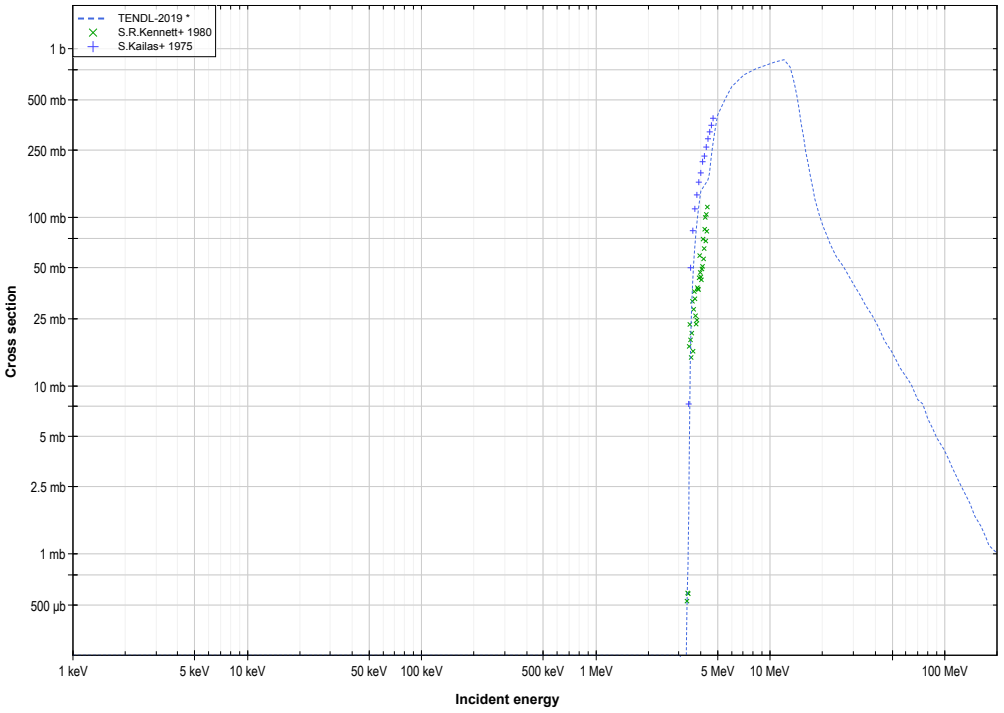
Ti49 (p,2p) or Sc48 production lin-log



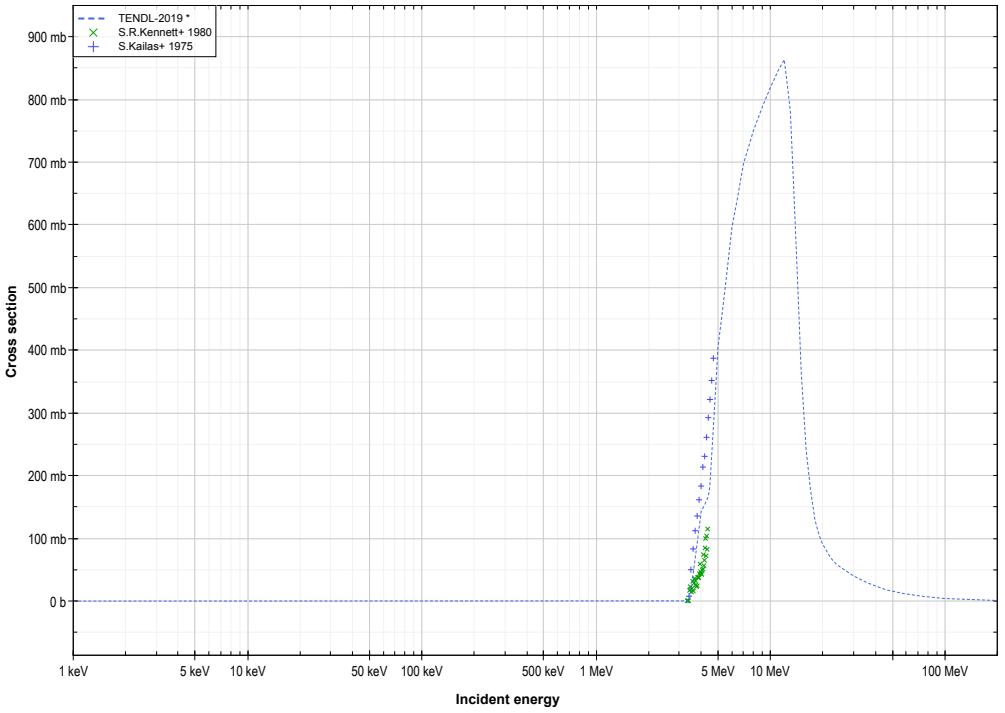
Reaction	Q-Value
Ti49(p,2p)Sc48	-11348.76 keV

<< 22-Ti-49	**22-Ti-50**	23-V-51 >>
<< 22-Ti-49 MT111 (p,2p)	**MT4 (p,n) or MT5 (V50 production)**	MT22 (p,n+α) >>

Ti50 (p,n) or V50 production log-log



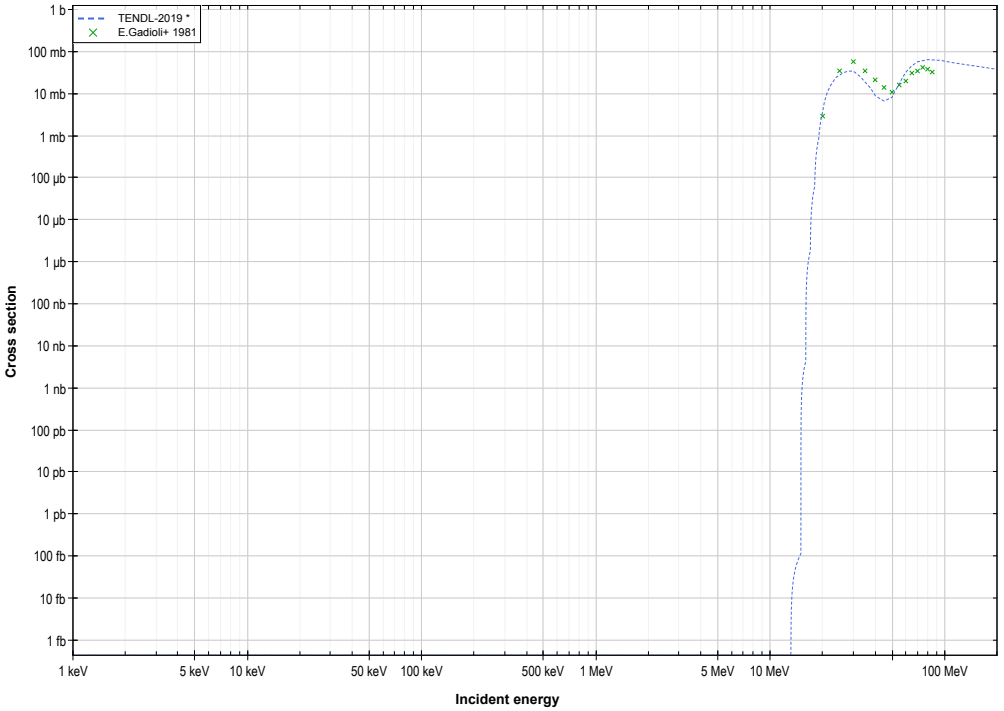
Ti50 (p,n) or V50 production lin-log



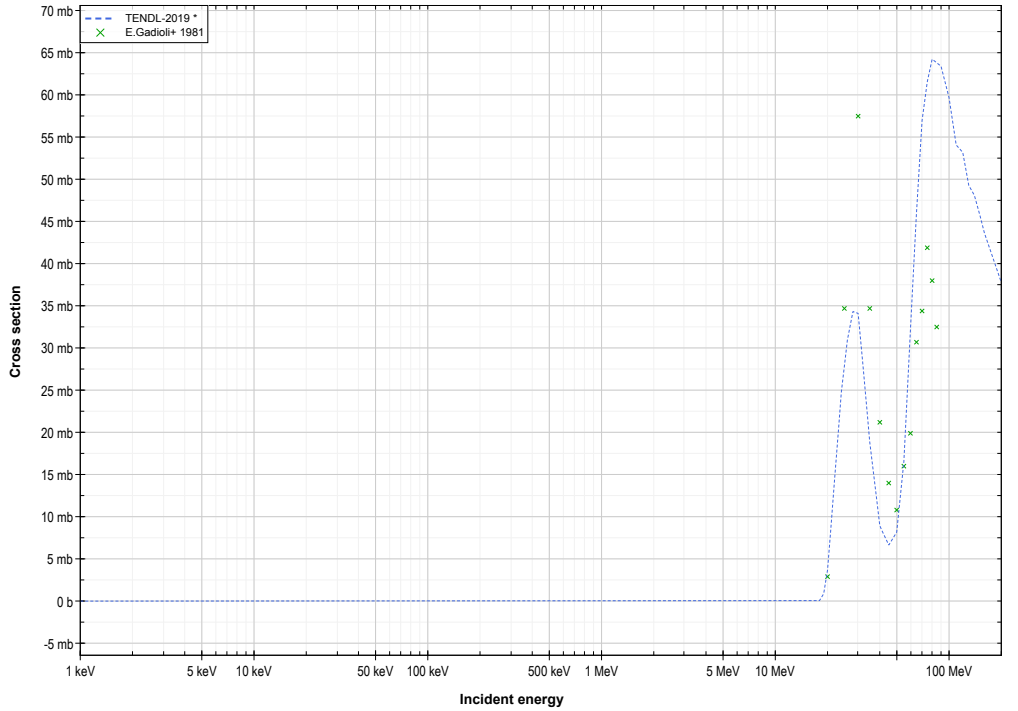
Reaction	Q-Value
Ti50(p,n)V50	-2990.01 keV

<< 22-Ti-48	**22-Ti-50**	24-Cr-52 >>
<< MT4 (p,n)	**MT22 (p,n+α) or MT5 (Sc46 production)**	MT23 (p,n+3α) >>

Ti50 (p,n+α) or Sc46 production log-log



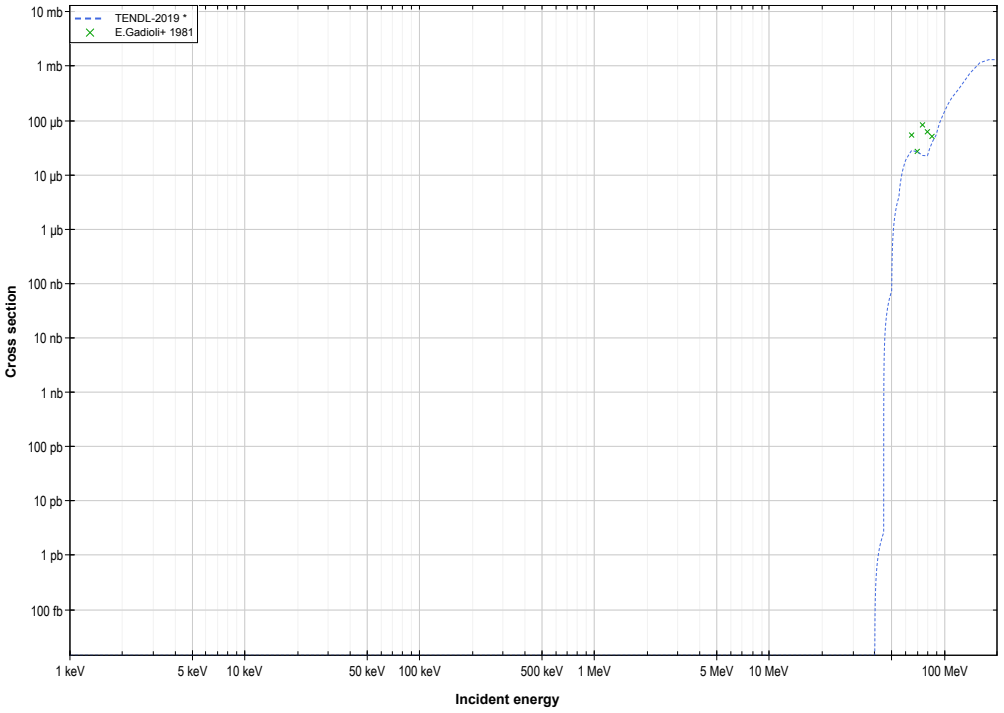
Ti50 (p,n+α) or Sc46 production lin-log



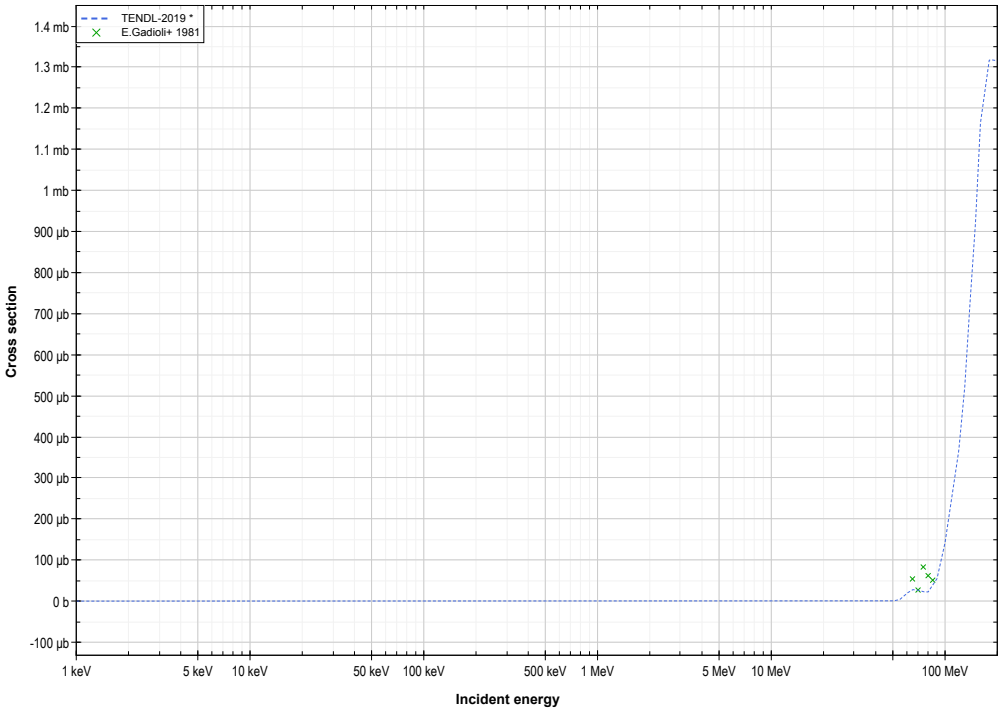
Reaction	Q-Value
Ti50(p,n+α)Sc46	-12877.72 keV
Ti50(p,d+t)Sc46	-30467.02 keV
Ti50(p,n+p+t)Sc46	-32691.59 keV
Ti50(p,2n+He3)Sc46	-33455.34 keV
Ti50(p,n+2d)Sc46	-36724.25 keV
Ti50(p,2n+p+d)Sc46	-38948.82 keV
Ti50(p,3n+2p)Sc46	-41173.38 keV

<< 16-S-34	**22-Ti-50**	32-Ge-70 >>
<< MT22 (p,n+α)	**MT23 (p,n+3α) or MT5 (Cl38 production)**	MT29 (p,n+2α) >>

Ti50 (p,n+3α) or Cl38 production log-log



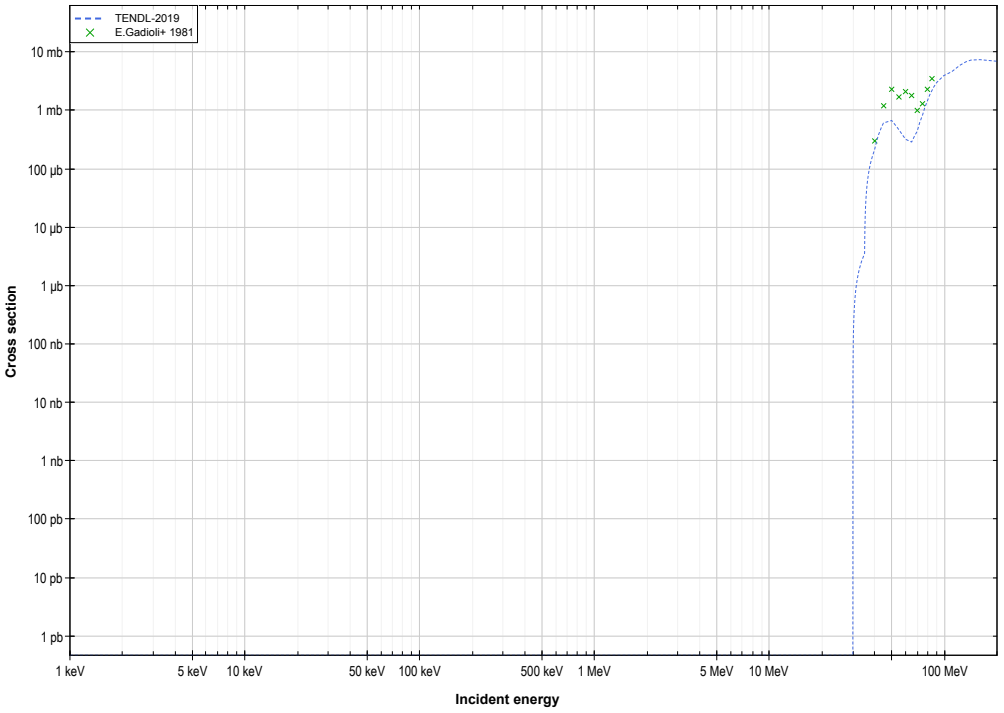
Ti50 (p,n+3α) or Cl38 production lin-log



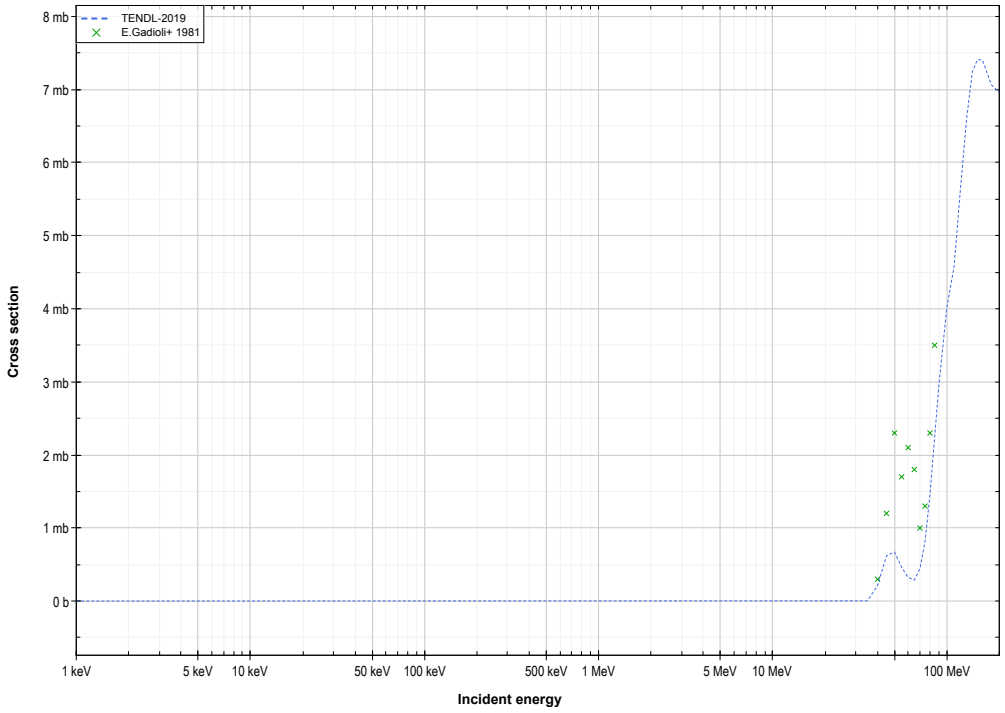
Reaction	Q-Value	Reaction	Q-Value
Ti50(p,n+3α)Cl38	-29690.65 keV	Ti50(p,p+d+2t+α)Cl38	-67093.82 keV
Ti50(p,d+t+2α)Cl38	-47279.95 keV	Ti50(p,n+d+t+He3+α)Cl38	-67857.57 keV
Ti50(p,n+p+t+2α)Cl38	-49504.52 keV	Ti50(p,n+2p+2t+α)Cl38	-69318.38 keV
Ti50(p,2n+He3+2α)Cl38	-50268.27 keV	Ti50(p,2n+p+t+He3+α)Cl38	-70082.14 keV
Ti50(p,n+2d+2α)Cl38	-53537.18 keV	Ti50(p,3n+2He3+α)Cl38	-70845.89 keV
Ti50(p,2n+p+d+2α)Cl38	-55761.75 keV	Ti50(p,3d+t+α)Cl38	-71126.48 keV
Ti50(p,3n+2p+2α)Cl38	-57986.31 keV	Ti50(p,n+p+2d+t+α)Cl38	-73351.05 keV
Ti50(p,2t+He3+α)Cl38	-61600.34 keV	Ti50(p,2n+2d+He3+α)Cl38	-74114.80 keV

<< 14-Si-30	**22-Ti-50**	27-Co-59 >>
<< MT23 (p,n+3α)	**MT29 (p,n+2α) or MT5 (K42 production)**	MT44 (p,n+2p) >>

Ti50 (p,n+2α) or K42 production log-log



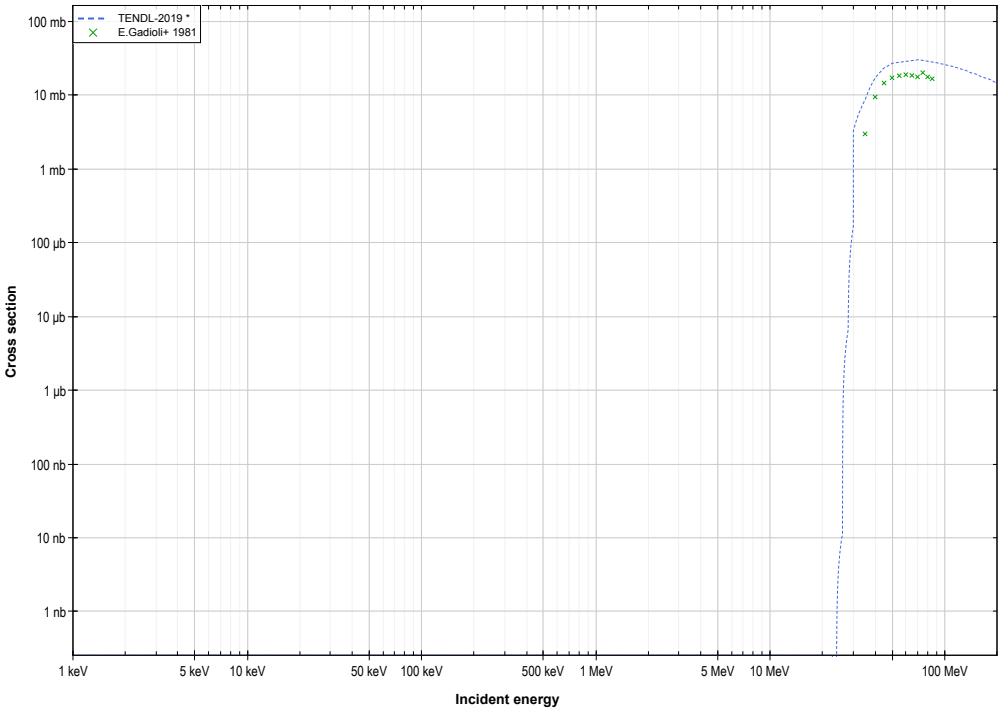
Ti50 (p,n+2α) or K42 production lin-log



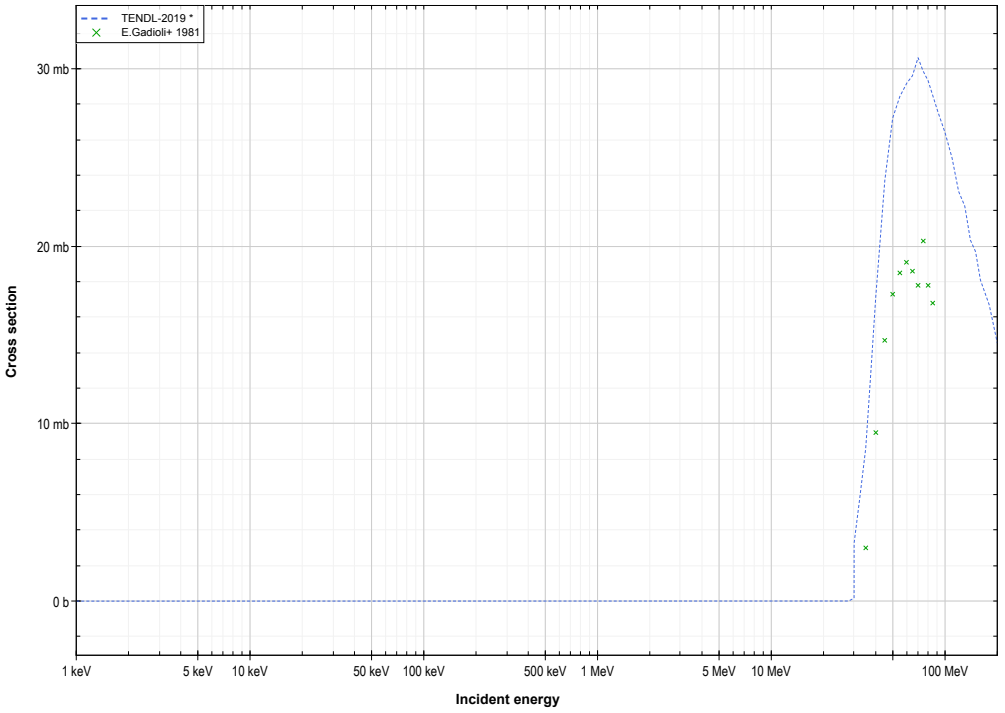
Reaction	Q-Value	Reaction	Q-Value
Ti50(p,n+2α)K42	-22041.81 keV	Ti50(p,p+d+2t)K42	-59444.97 keV
Ti50(p,d+t+α)K42	-39631.11 keV	Ti50(p,n+d+t+He3)K42	-60208.73 keV
Ti50(p,n+p+t+α)K42	-41855.67 keV	Ti50(p,n+2p+2t)K42	-61669.54 keV
Ti50(p,2n+He3+α)K42	-42619.43 keV	Ti50(p,2n+p+t+He3)K42	-62433.29 keV
Ti50(p,n+2d+α)K42	-45888.34 keV	Ti50(p,3n+2He3)K42	-63197.05 keV
Ti50(p,2n+p+d+α)K42	-48112.90 keV	Ti50(p,3d+t)K42	-63477.63 keV
Ti50(p,3n+2p+α)K42	-50337.47 keV	Ti50(p,n+p+2d+t)K42	-65702.20 keV
Ti50(p,2t+He3)K42	-53951.50 keV	Ti50(p,2n+2d+He3)K42	-66465.95 keV

<< 22-Ti-46	**22-Ti-50**	24-Cr-50 >>
<< MT29 (p,n+2α)	**MT44 (p,n+2p) or MT5 (Sc48 production)**	MT102 (p,γ) >>

Ti50 (p,n+2p) or Sc48 production log-log



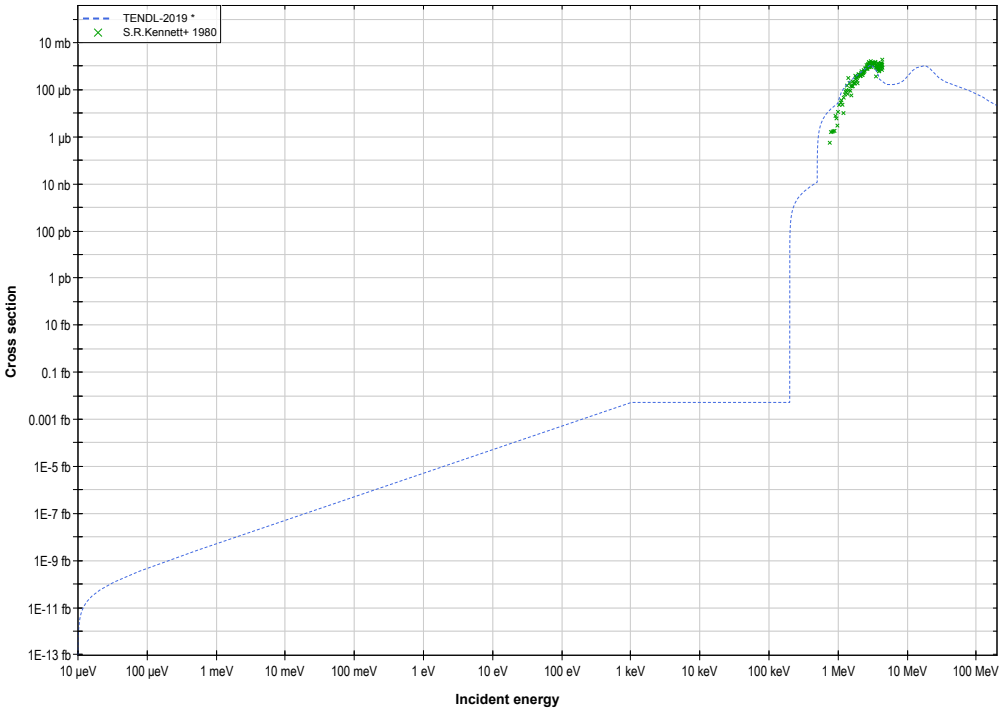
Ti50 (p,n+2p) or Sc48 production lin-log



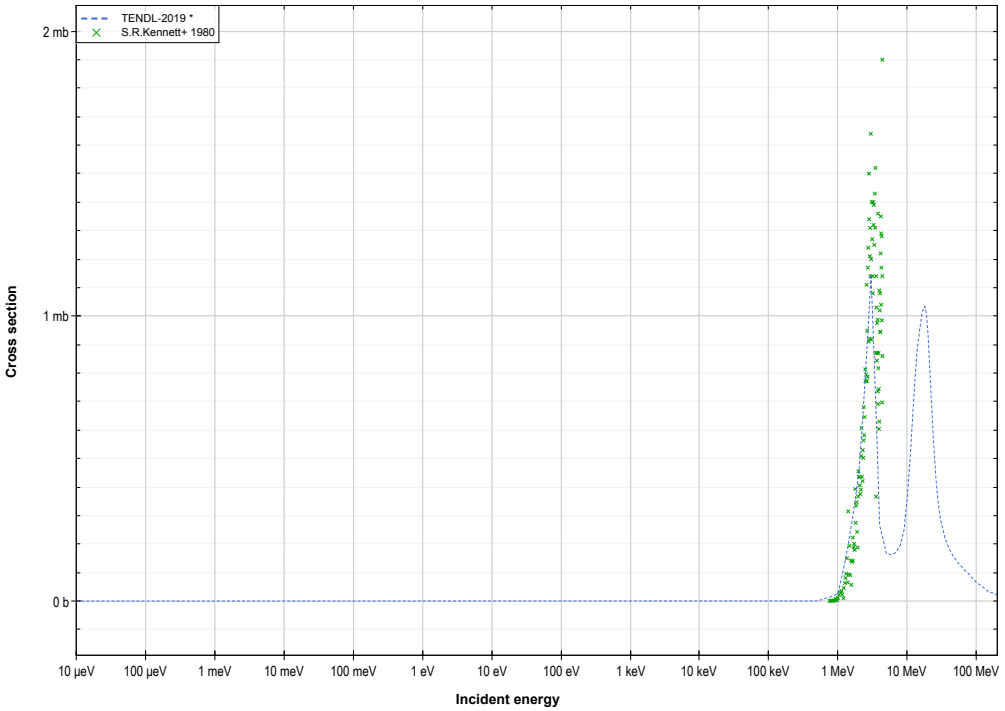
Reaction	Q-Value
Ti50(p,He3)Sc48	-14569.91 keV
Ti50(p,p+d)Sc48	-20063.38 keV
Ti50(p,n+2p)Sc48	-22287.95 keV

<< 22-Ti-49	**22-Ti-50**	23-V-51 >>
<< MT44 (p,n+2p)	**MT102 (p,γ) or MT5 (V51 production)**	MT107 (p,α) >>

Ti50 (p,γ) or V51 production log-log



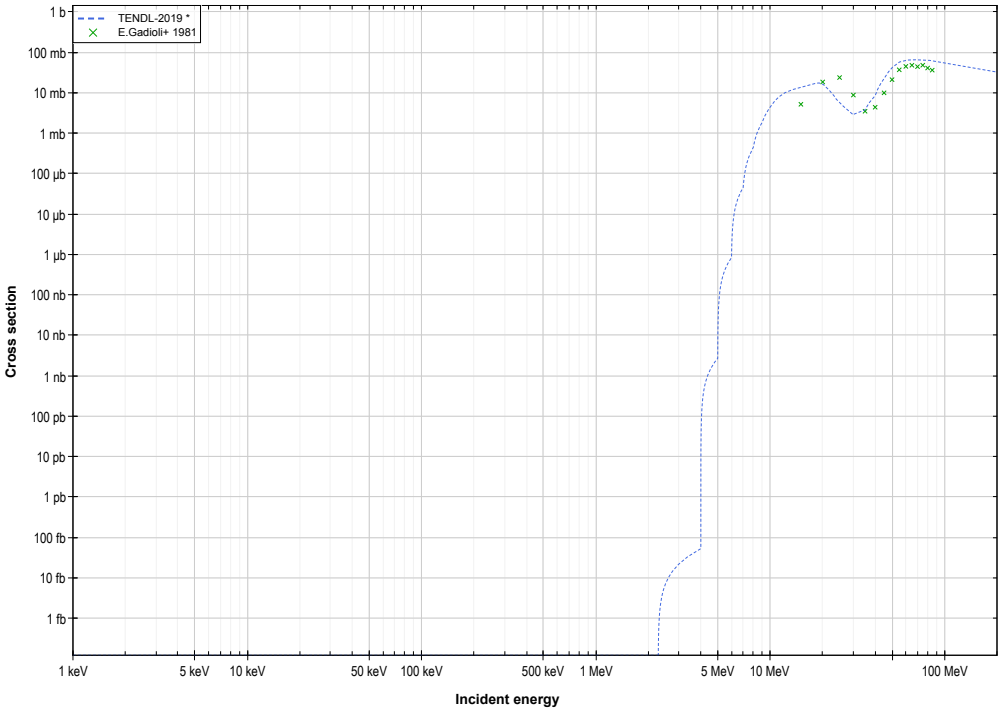
Ti50 (p,γ) or V51 production lin-log



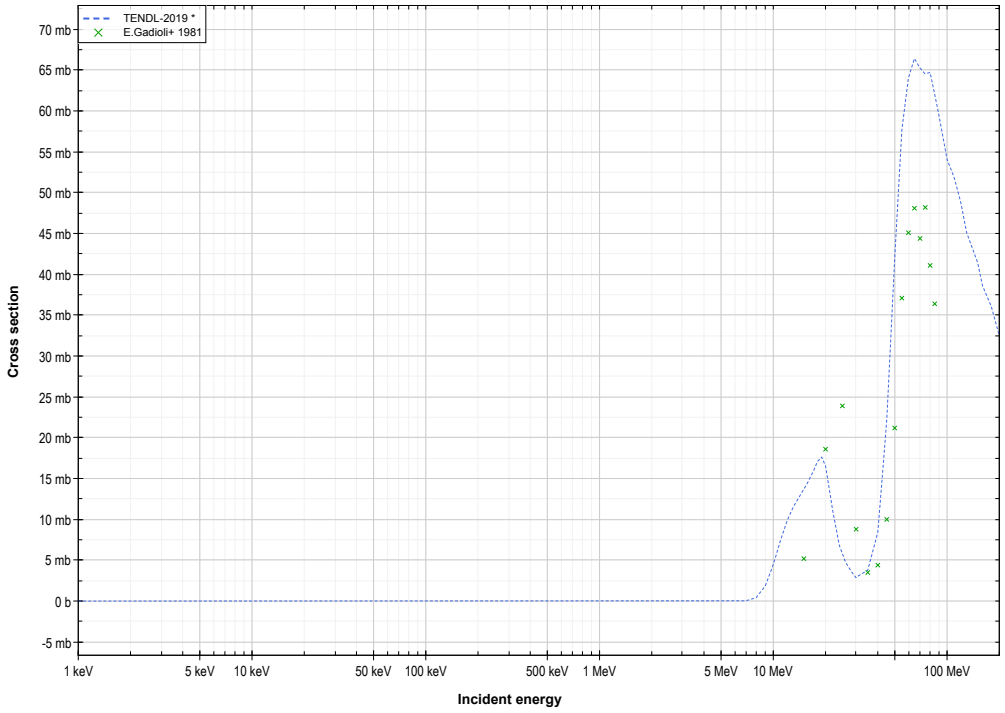
Reaction	Q-Value
Ti50(p,γ)V51	8061.11 keV

<< 22-Ti-49	**22-Ti-50**	26-Fe-54 >>
<< MT102 (p,γ)	**MT107 (p,α) or MT5 (Sc47 production)**	MT108 (p,2α) >>

Ti50 (p,α) or Sc47 production log-log



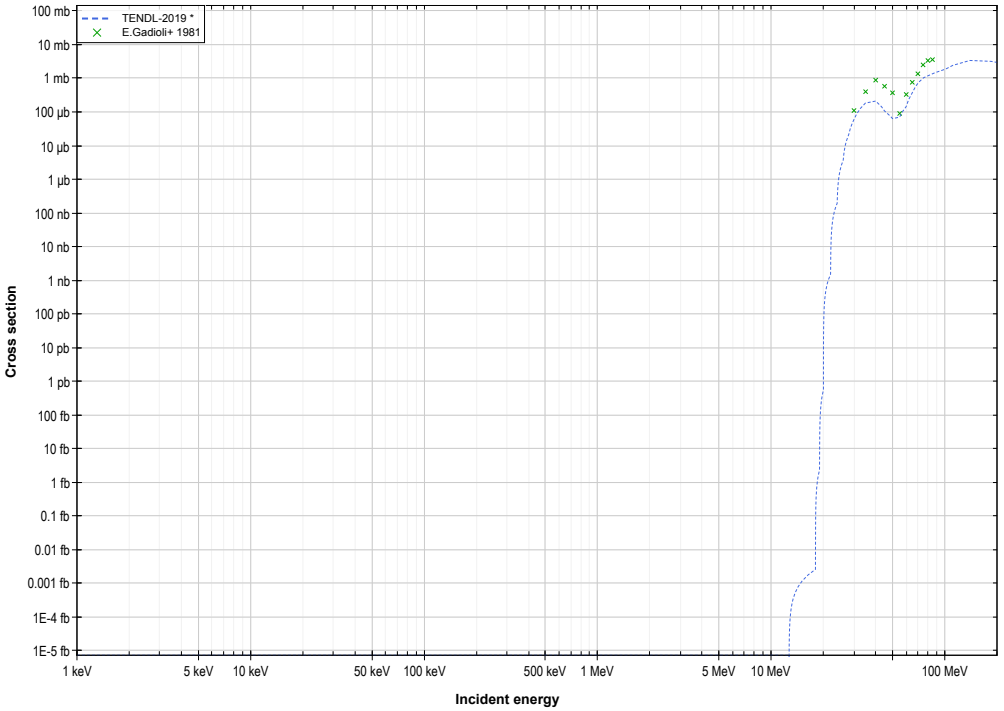
Ti50 (p,α) or Sc47 production lin-log



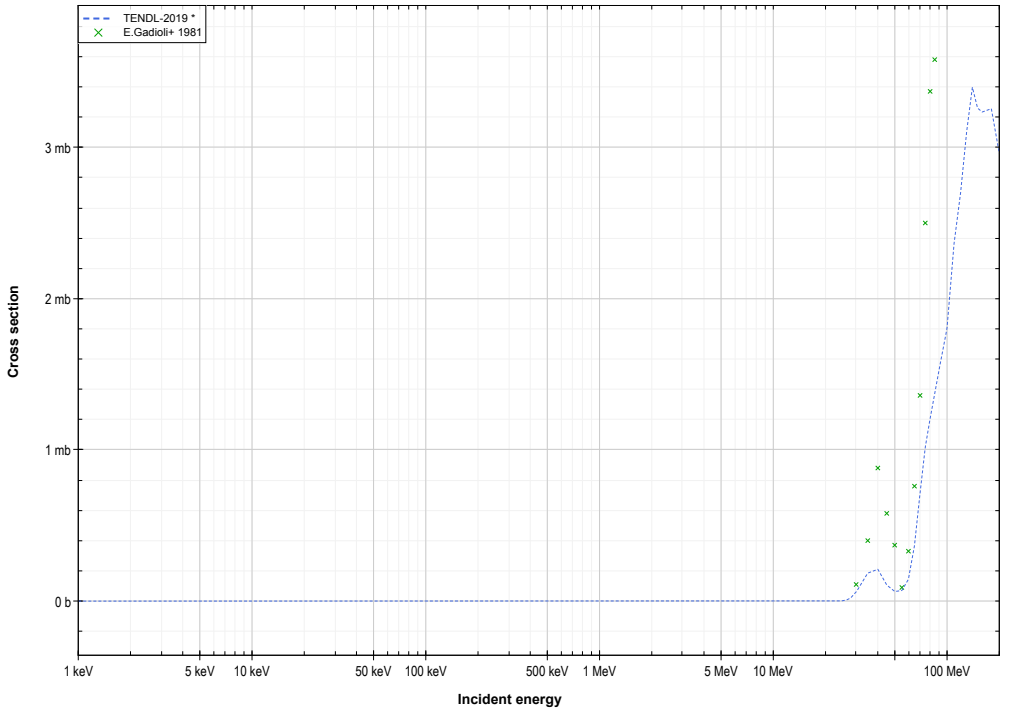
Reaction	Q-Value
Ti50(p,α)Sc47	-2231.00 keV
Ti50(p,p+t)Sc47	-22044.87 keV
Ti50(p,n+He3)Sc47	-22808.62 keV
Ti50(p,2d)Sc47	-26077.53 keV
Ti50(p,n+p+d)Sc47	-28302.10 keV
Ti50(p,2n+2p)Sc47	-30526.66 keV

<< 14-Si-29	**22-Ti-50**	
<< MT107 (p,α)	**MT108 (p,2α) or MT5 (K43 production)**	MT109 (p,3α) >>

Ti50 (p,2α) or K43 production log-log



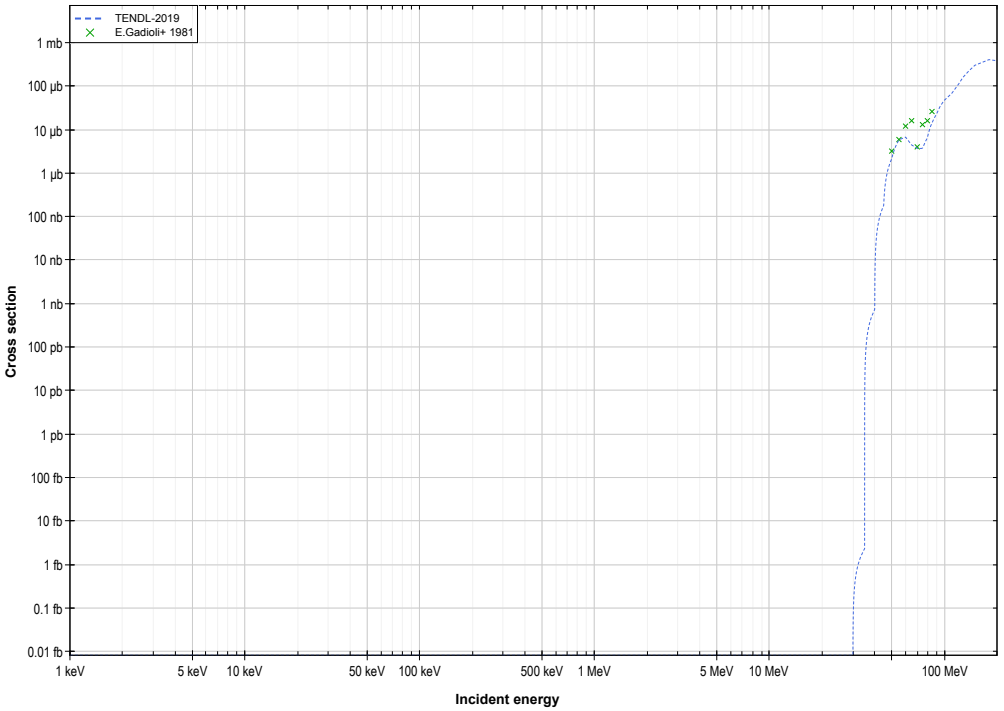
Ti50 (p,2α) or K43 production lin-log



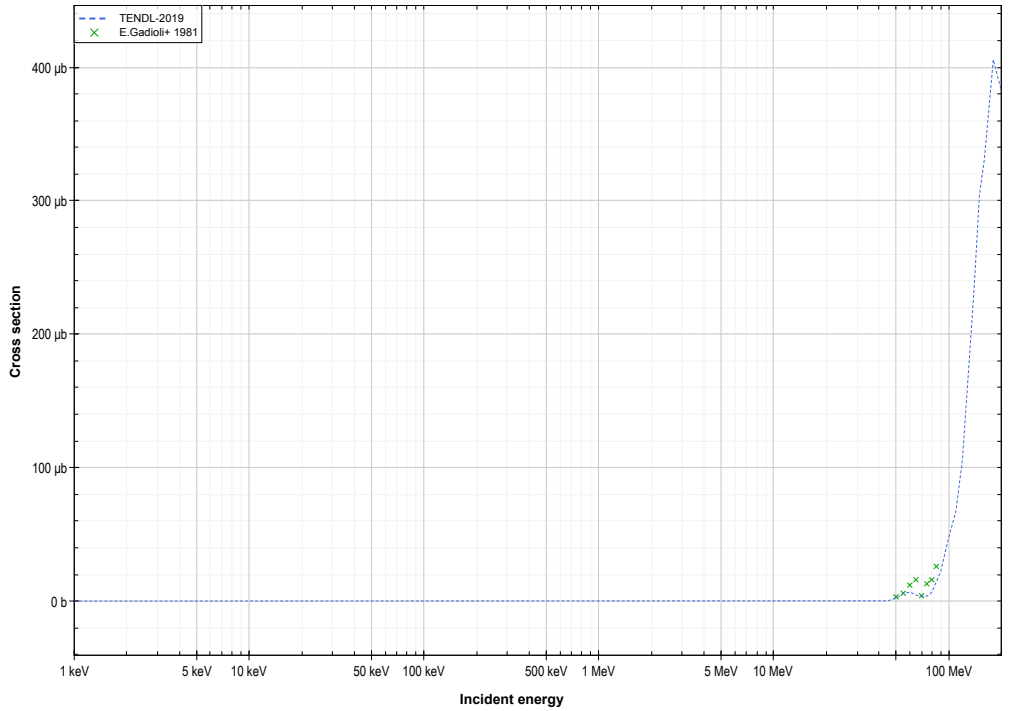
Reaction	Q-Value	Reaction	Q-Value
Ti50(p,2α)K43	-12417.12 keV	Ti50(p,n+p+t+He3)K43	-52808.60 keV
Ti50(p,p+t+α)K43	-32230.99 keV	Ti50(p,2n+2He3)K43	-53572.36 keV
Ti50(p,n+He3+α)K43	-32994.74 keV	Ti50(p,p+2d+t)K43	-56077.51 keV
Ti50(p,2d+α)K43	-36263.65 keV	Ti50(p,n+2d+He3)K43	-56841.27 keV
Ti50(p,n+p+d+α)K43	-38488.21 keV	Ti50(p,n+2p+d+t)K43	-58302.08 keV
Ti50(p,2n+2p+α)K43	-40712.78 keV	Ti50(p,2n+p+d+He3)K43	-59065.83 keV
Ti50(p,d+t+He3)K43	-50584.04 keV	Ti50(p,4d)K43	-60110.18 keV
Ti50(p,2p+2t)K43	-52044.85 keV	Ti50(p,2n+3p+t)K43	-60526.65 keV

<< 16-S-33	**22-Ti-50**	50-Sn-112 >>
<< MT108 (p,2α)	**MT109 (p,3α) or MT5 (Cl39 production)**	MT165 (p,4n+α) >>

Ti50 (p,3α) or Cl39 production log-log



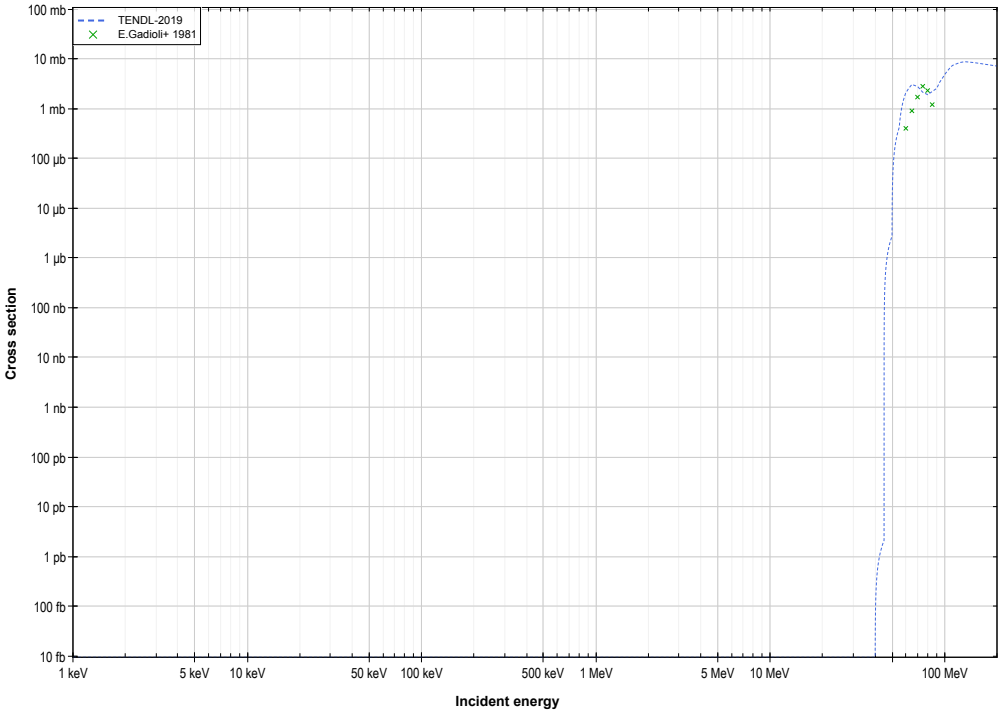
Ti50 (p,3α) or Cl39 production lin-log



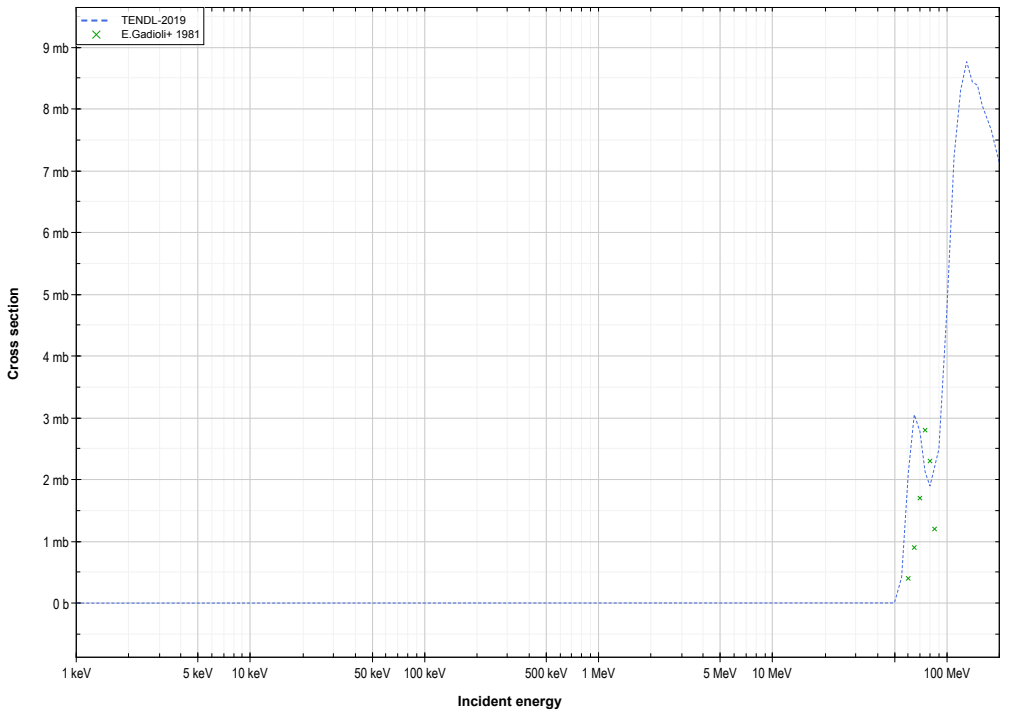
Reaction	Q-Value	Reaction	Q-Value
Ti50(p,3α)Cl39	-21617.24 keV	Ti50(p,n+p+t+He3+α)Cl39	-62008.72 keV
Ti50(p,p+t+2α)Cl39	-41431.10 keV	Ti50(p,2n+2He3+α)Cl39	-62772.47 keV
Ti50(p,n+He3+2α)Cl39	-42194.86 keV	Ti50(p,p+2d+t+α)Cl39	-65277.63 keV
Ti50(p,2d+2α)Cl39	-45463.76 keV	Ti50(p,n+2d+He3+α)Cl39	-66041.38 keV
Ti50(p,n+p+d+2α)Cl39	-47688.33 keV	Ti50(p,n+2p+d+t+α)Cl39	-67502.19 keV
Ti50(p,2n+2p+2α)Cl39	-49912.90 keV	Ti50(p,2n+p+d+He3+α)Cl39	-68265.95 keV
Ti50(p,d+t+He3+α)Cl39	-59784.15 keV	Ti50(p,4d+α)Cl39	-69310.29 keV
Ti50(p,2p+2t+α)Cl39	-61244.97 keV	Ti50(p,2n+3p+t+α)Cl39	-69726.76 keV

	22-Ti-50	27-Co-59 >>
<< MT109 (p,3α)	**MT165 (p,4n+α) or MT5 (Sc43 production)**	23-V-51 MT4 (p,n) >>

Ti50 (p,4n+α) or Sc43 production log-log



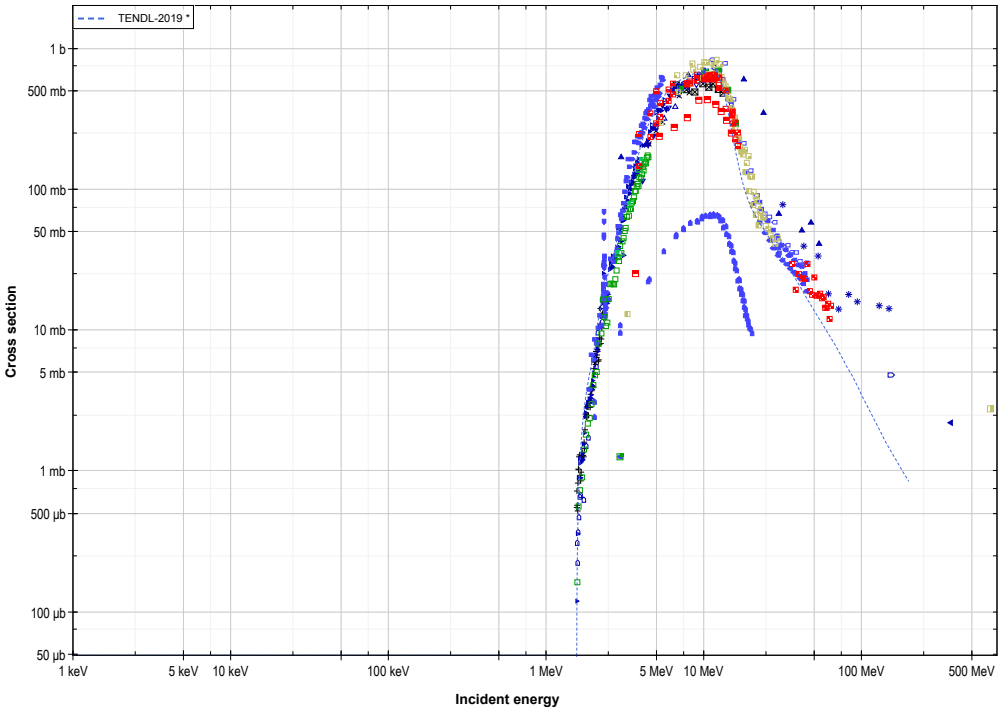
Ti50 (p,4n+α) or Sc43 production lin-log



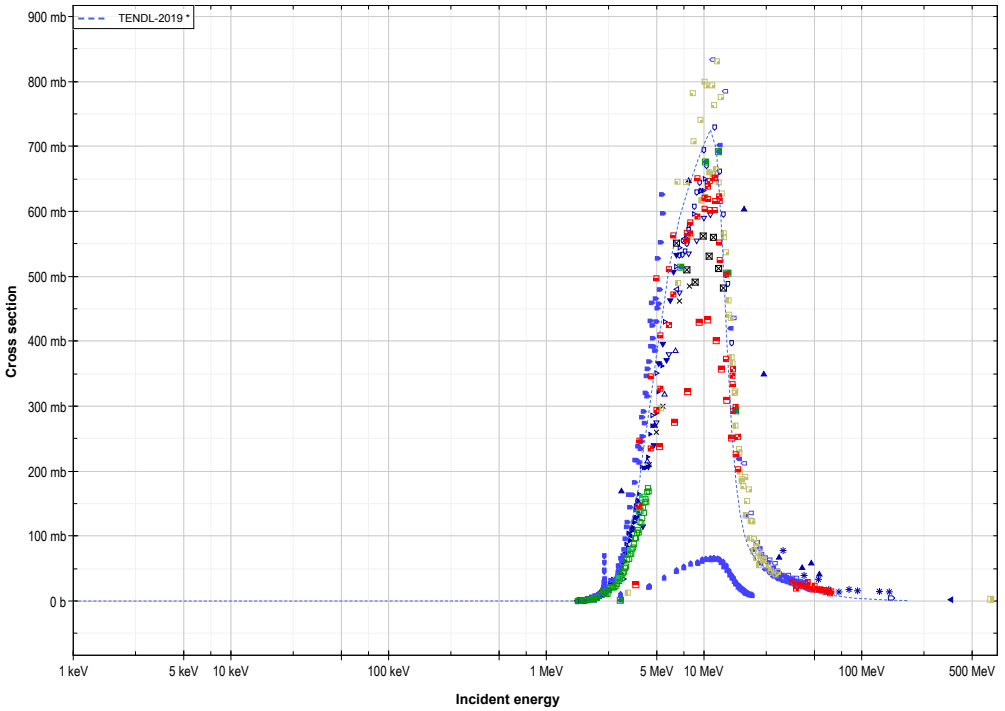
Reaction	Q-Value
Ti50(p,4n+α)Sc43	-42664.77 keV
Ti50(p,2n+2t)Sc43	-53996.84 keV
Ti50(p,3n+d+t)Sc43	-60254.07 keV
Ti50(p,4n+p+t)Sc43	-62478.64 keV
Ti50(p,5n+He3)Sc43	-63242.39 keV
Ti50(p,4n+2d)Sc43	-66511.30 keV
Ti50(p,5n+p+d)Sc43	-68735.87 keV
Ti50(p,6n+2p)Sc43	-70960.43 keV

<< 22-Ti-50	**23-V-51**	24-Cr-50 >>
<< 22-Ti-50 MT165 (p,4n+α)	**MT4 (p,n) or MT5 (Cr51 production)**	MT11 (p,2n+d) >>

V51 (p,n) or Cr51 production log-log



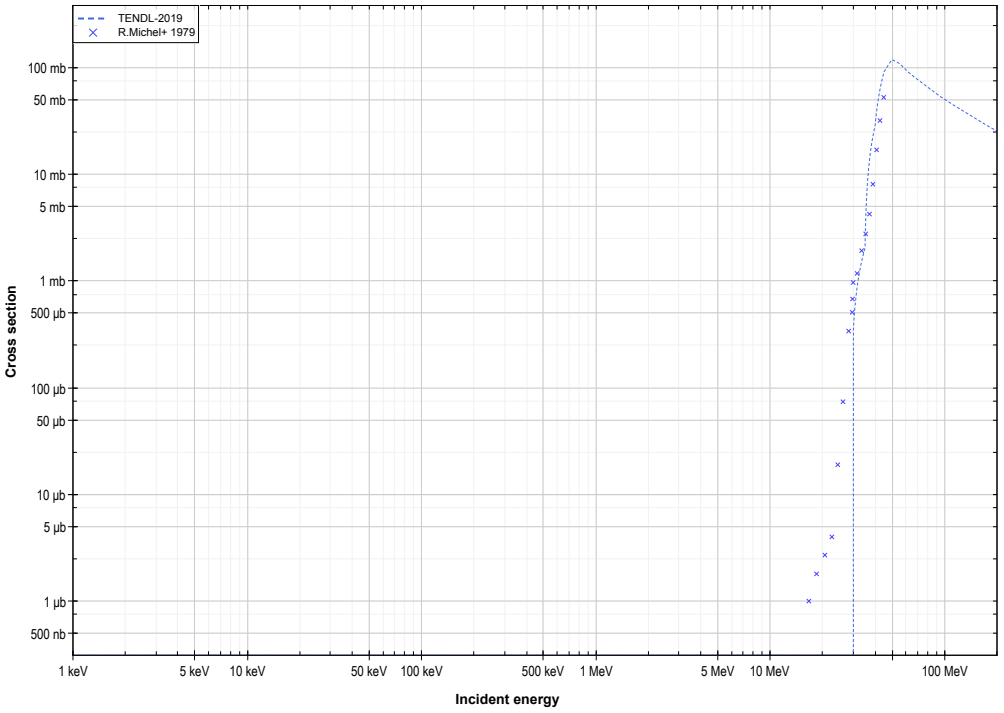
V51 (p,n) or Cr51 production lin-log



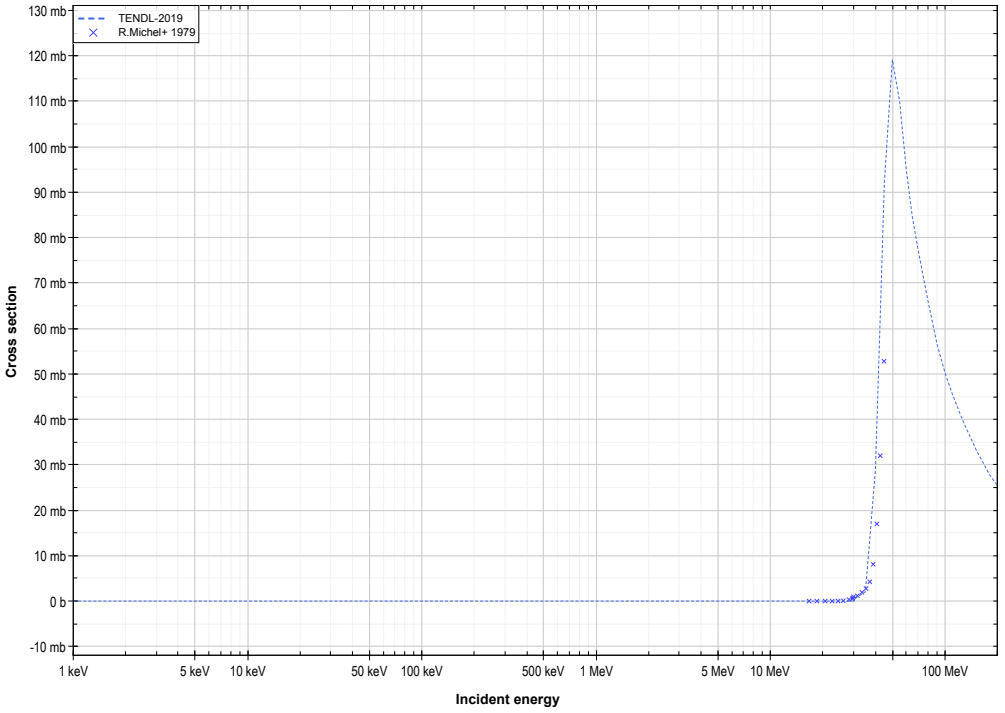
Reaction	Q-Value
V51(p,n)Cr51	-1534.75 keV

	23-V-51	27-Co-59 >>
<< MT4 (p,n)	**MT11 (p,2n+d) or MT5 (V48 production)**	MT17 (p,3n) >>

V51 (p,2n+d) or V48 production log-log



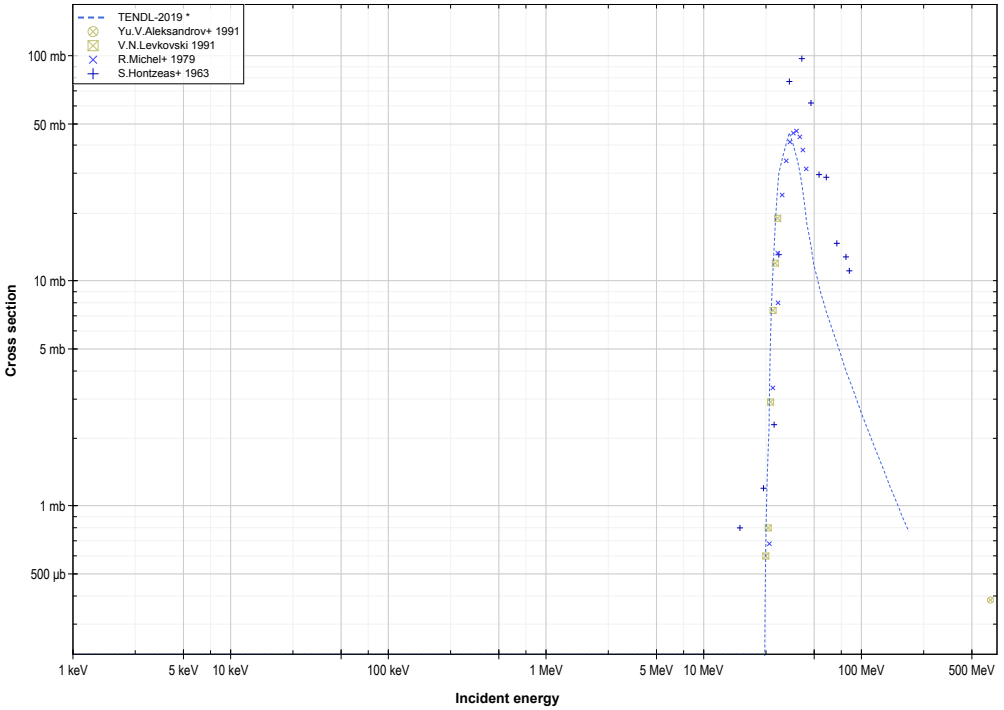
V51 (p,2n+d) or V48 production lin-log



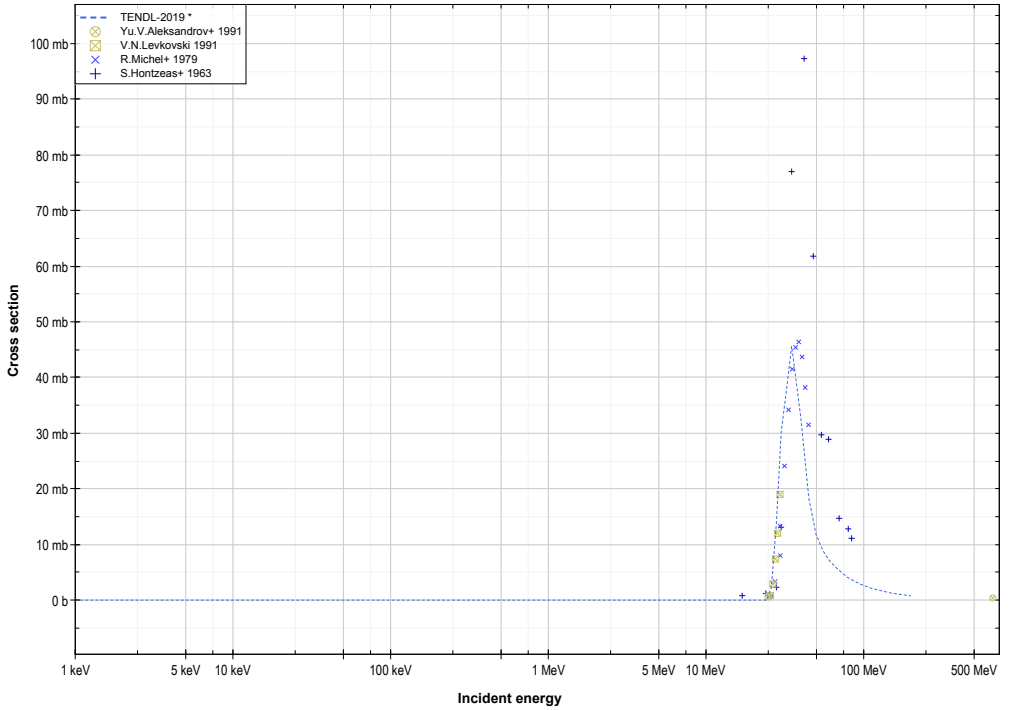
Reaction	Q-Value
V51(p,n+t)V48	-23458.26 keV
V51(p,2n+d)V48	-29715.49 keV
V51(p,3n+p)V48	-31940.05 keV

<< 18-Ar-40	**23-V-51**	25-Mn-55 >>
<< MT11 (p,2n+d)	**MT17 (p,3n) or MT5 (Cr49 production)**	MT32 (p,n+d) >>

V51 (p,3n) or Cr49 production log-log



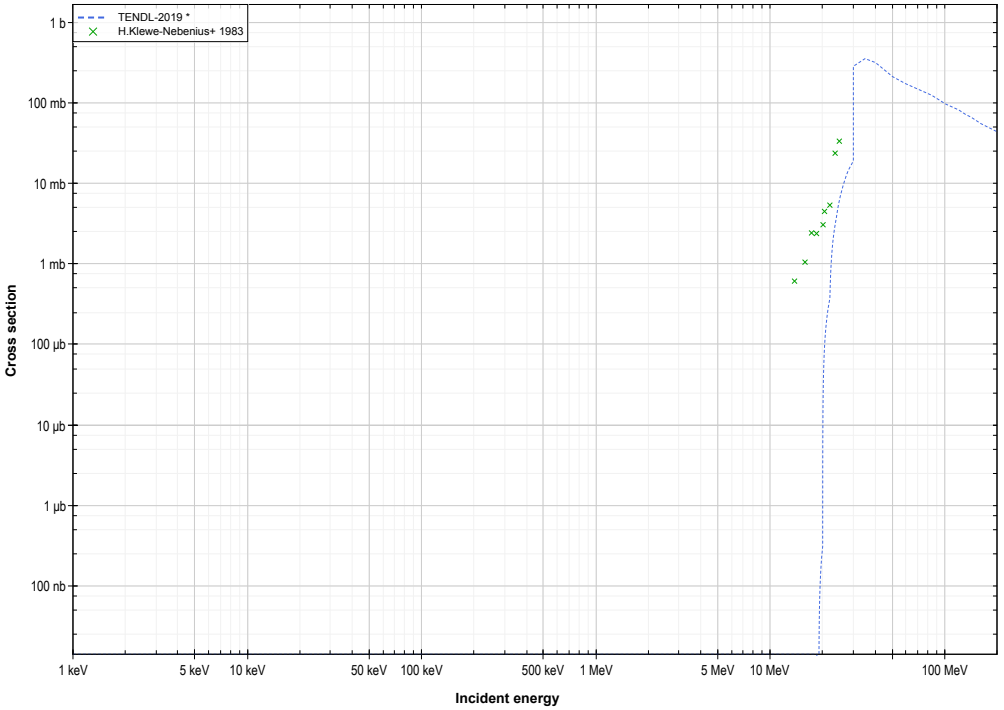
V51 (p,3n) or Cr49 production lin-log



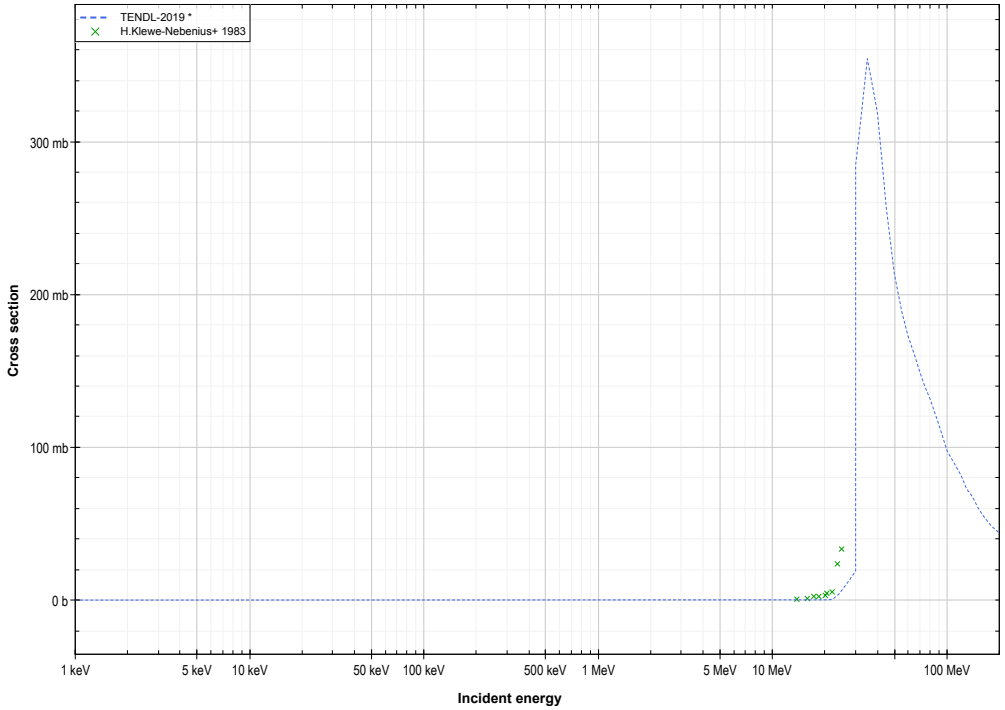
Reaction	Q-Value
V51(p,3n)Cr49	-23795.68 keV

<< 21-Sc-45	**23-V-51**	24-Cr-50 >>
<< MT17 (p,3n)	**MT32 (p,n+d) or MT5 (V49 production)**	MT33 (p,n+t) >>

V51 (p,n+d) or V49 production log-log



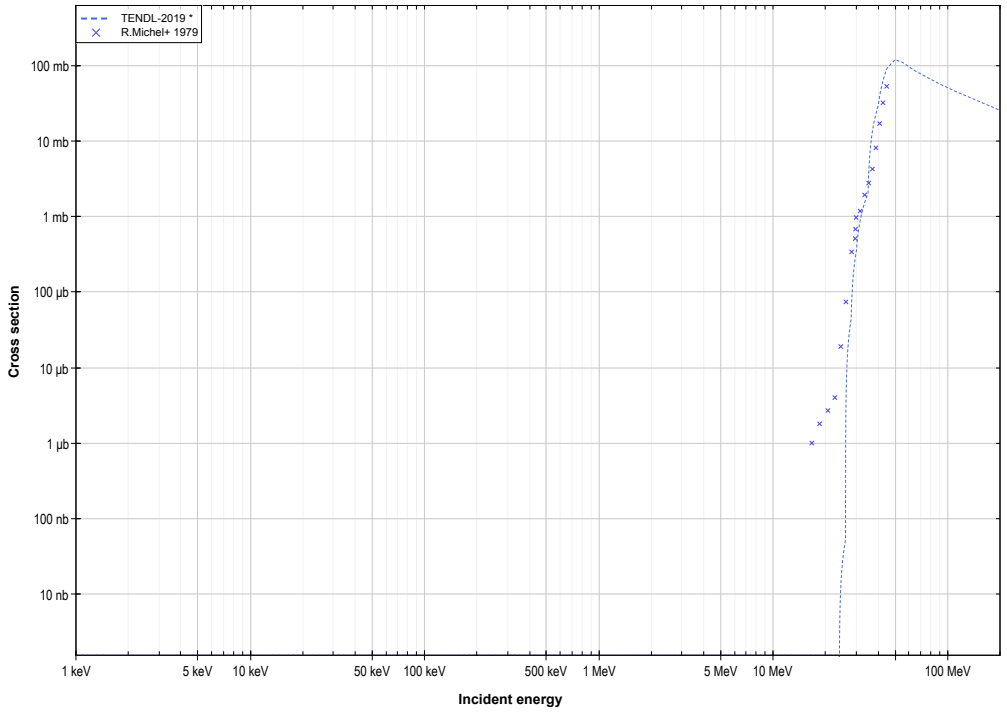
V51 (p,n+d) or V49 production lin-log



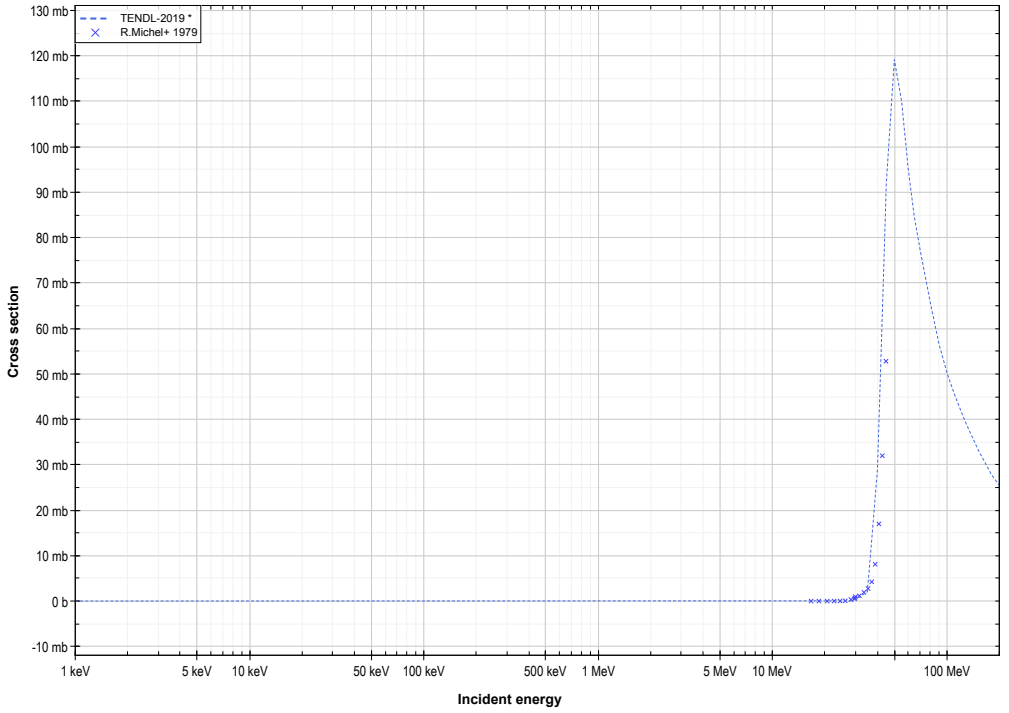
Reaction	Q-Value
V51(p,t)V49	-11902.74 keV
V51(p,n+d)V49	-18159.97 keV
V51(p,2n+p)V49	-20384.53 keV

	23-V-51	27-Co-59 >>
<< MT32 (p,n+d)	**MT33 (p,n+t) or MT5 (V48 production)**	MT37 (p,4n) >>

V51 (p,n+t) or V48 production log-log



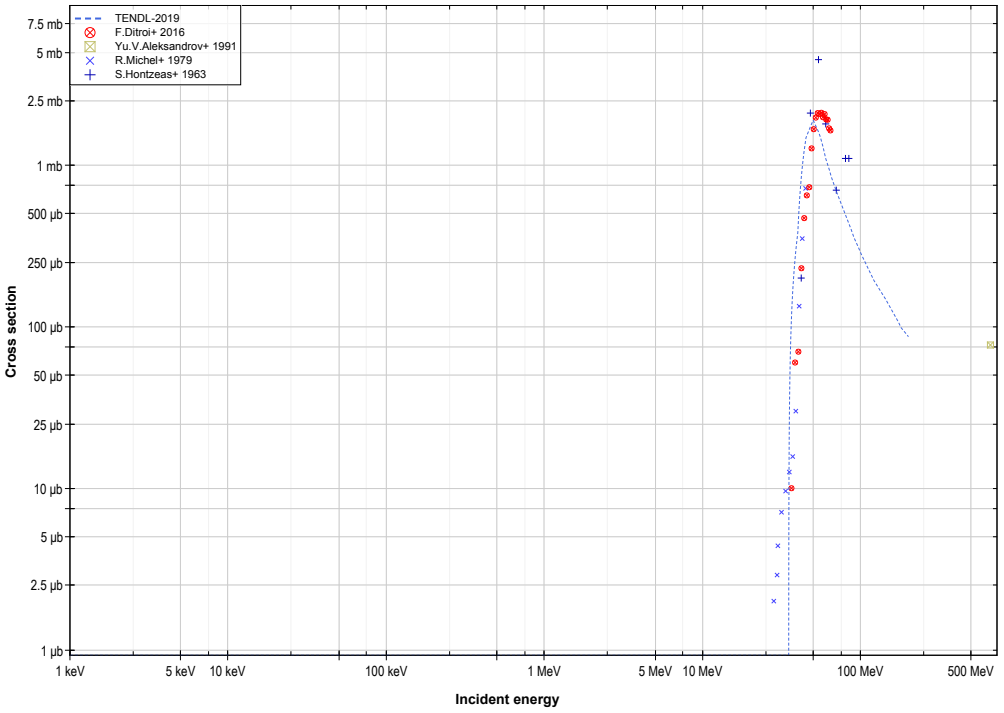
V51 (p,n+t) or V48 production lin-log



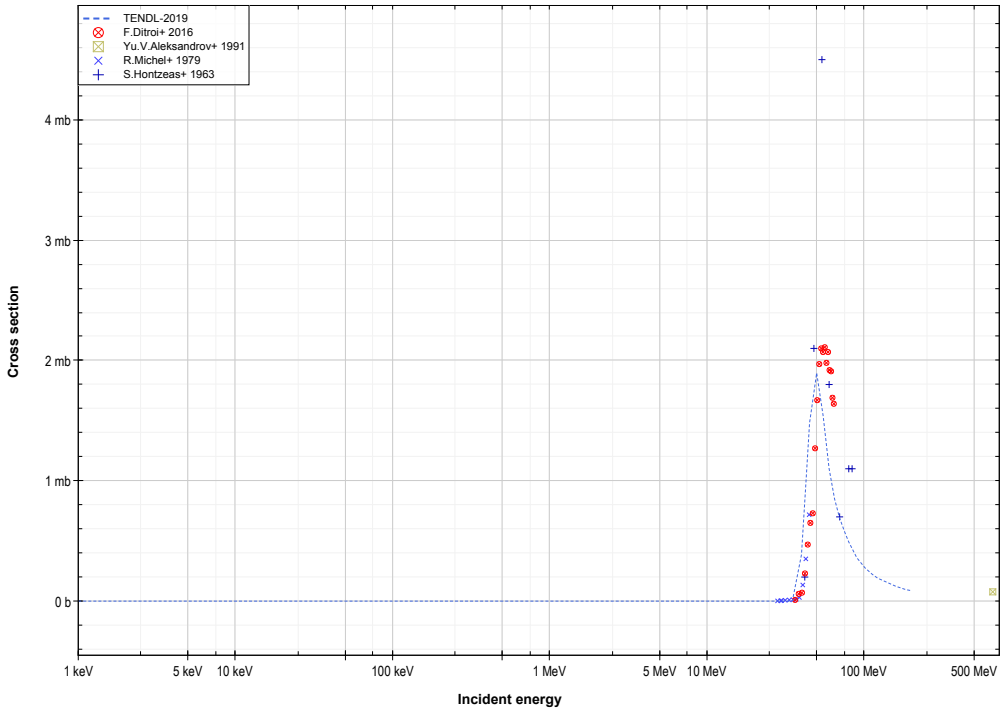
Reaction	Q-Value
V51(p,n+t)V48	-23458.26 keV
V51(p,2n+d)V48	-29715.49 keV
V51(p,3n+p)V48	-31940.05 keV

	23-V-51	25-Mn-55 >>
<< MT33 (p,n+t)	**MT37 (p,4n) or MT5 (Cr48 production)**	MT41 (p,2n+p) >>

V51 (p,4n) or Cr48 production log-log



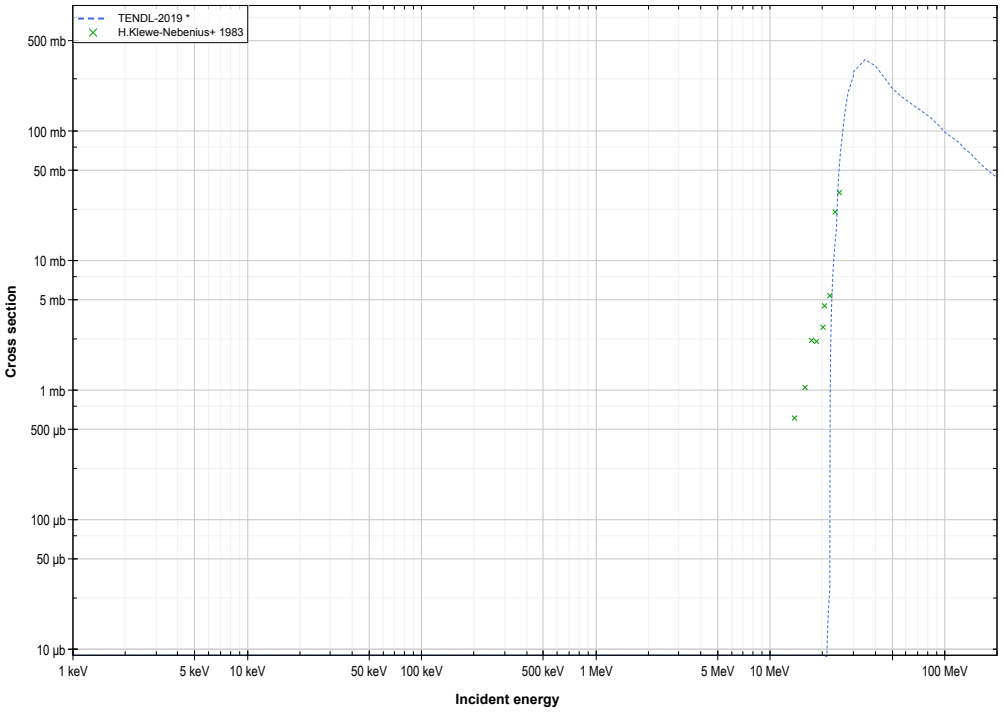
V51 (p,4n) or Cr48 production lin-log



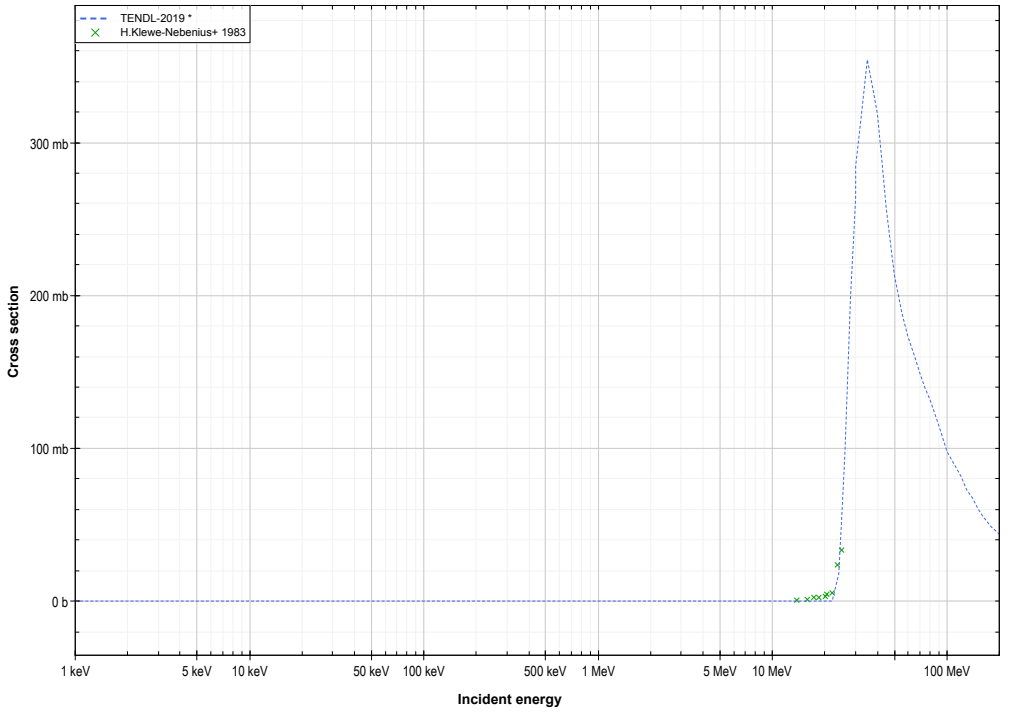
Reaction	Q-Value
V51(p,4n)Cr48	-34378.10 keV

<< 21-Sc-45	**23-V-51**	24-Cr-50 >>
<< MT37 (p,4n)	**MT41 (p,2n+p) or MT5 (V49 production)**	MT42 (p,3n+p) >>

V51 (p,2n+p) or V49 production log-log



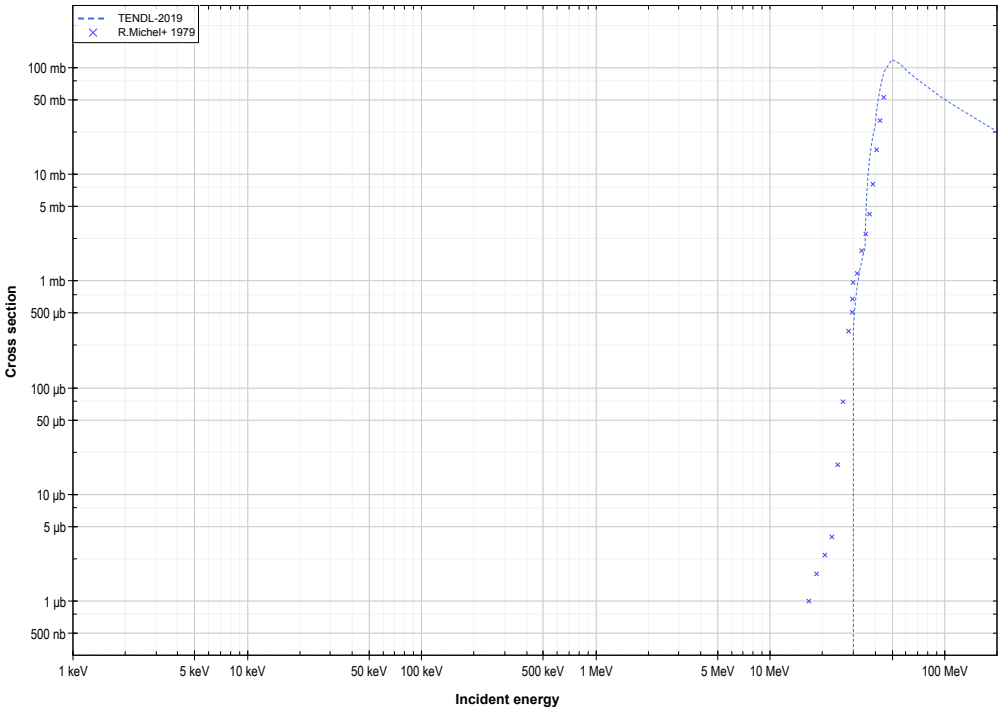
V51 (p,2n+p) or V49 production lin-log



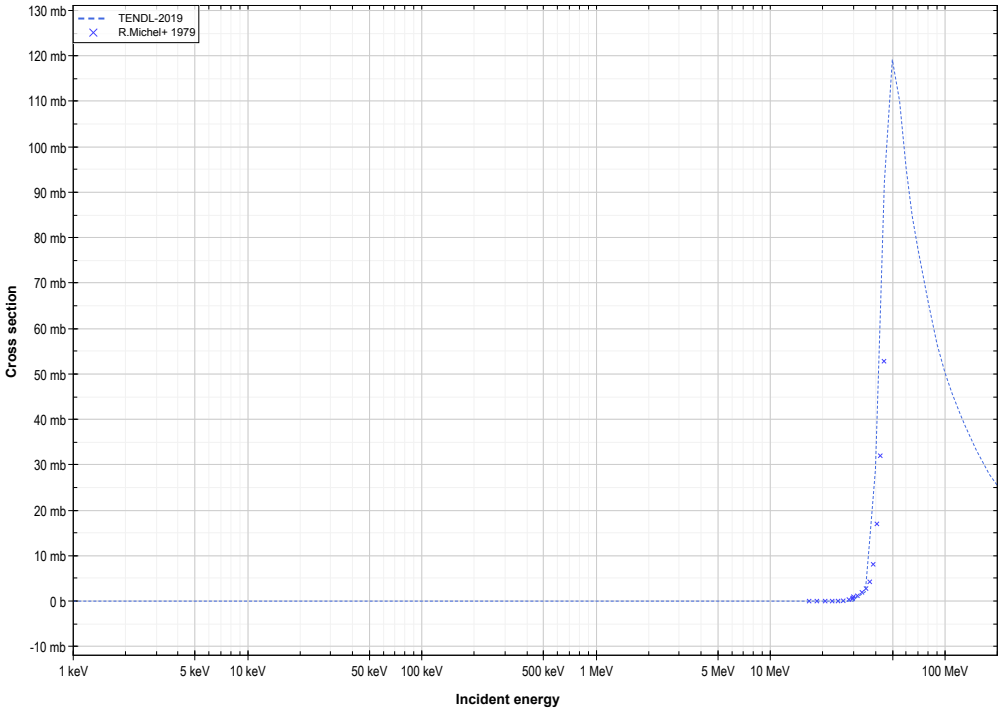
Reaction	Q-Value
V51(p,t)V49	-11902.74 keV
V51(p,n+d)V49	-18159.97 keV
V51(p,2n+p)V49	-20384.53 keV

	23-V-51	24-Cr-52 >>
<< MT41 (p,2n+p)	**MT42 (p,3n+p) or MT5 (V48 production)**	MT45 (p,n+p+α) >>

V51 (p,3n+p) or V48 production log-log



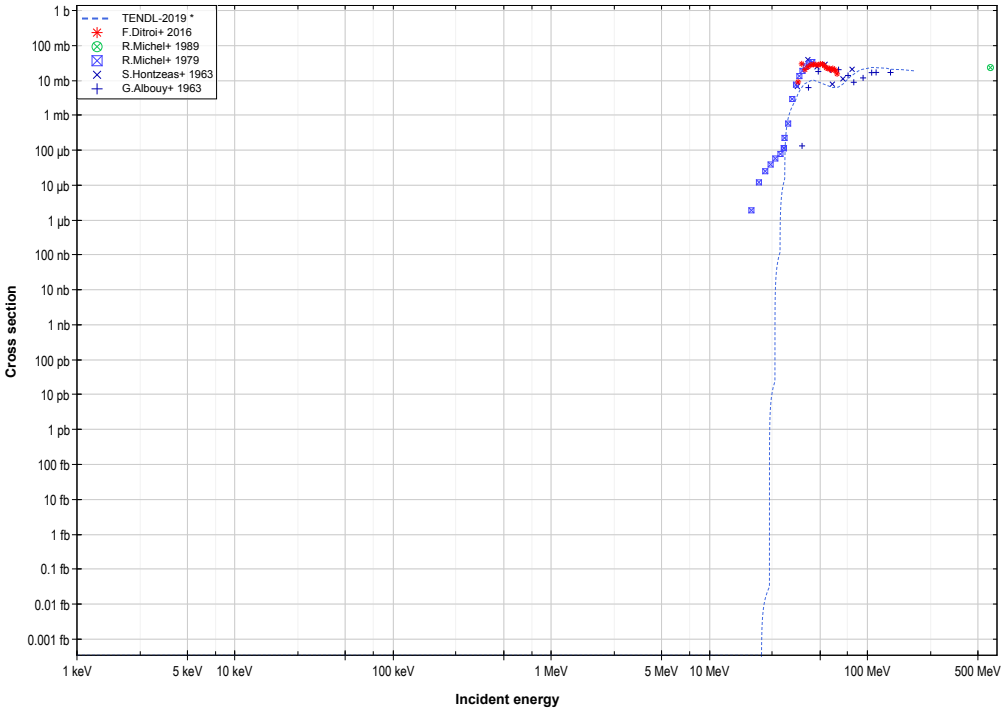
V51 (p,3n+p) or V48 production lin-log



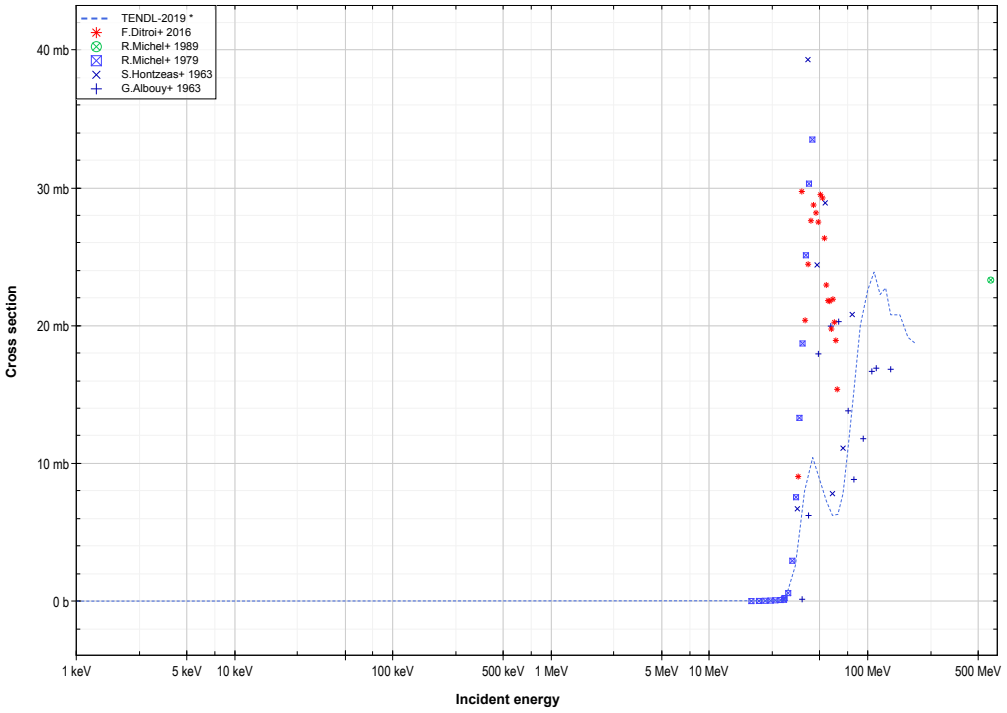
Reaction	Q-Value
V51(p,n+t)V48	-23458.26 keV
V51(p,2n+d)V48	-29715.49 keV
V51(p,3n+p)V48	-31940.05 keV

<< 13-Al-27	**23-V-51**	27-Co-59 >>
<< MT42 (p,3n+p)	**MT45 (p,n+p+α) or MT5 (Sc46 production)**	MT102 (p,γ) >>

V51 (p,n+p+α) or Sc46 production log-log



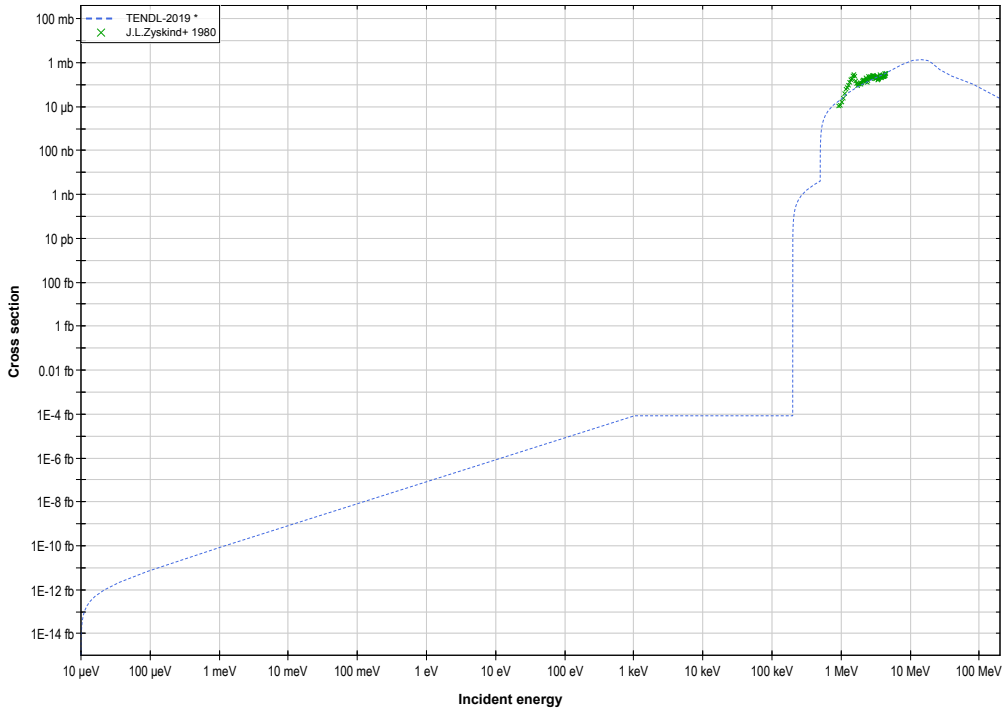
V51 (p,n+p+α) or Sc46 production lin-log



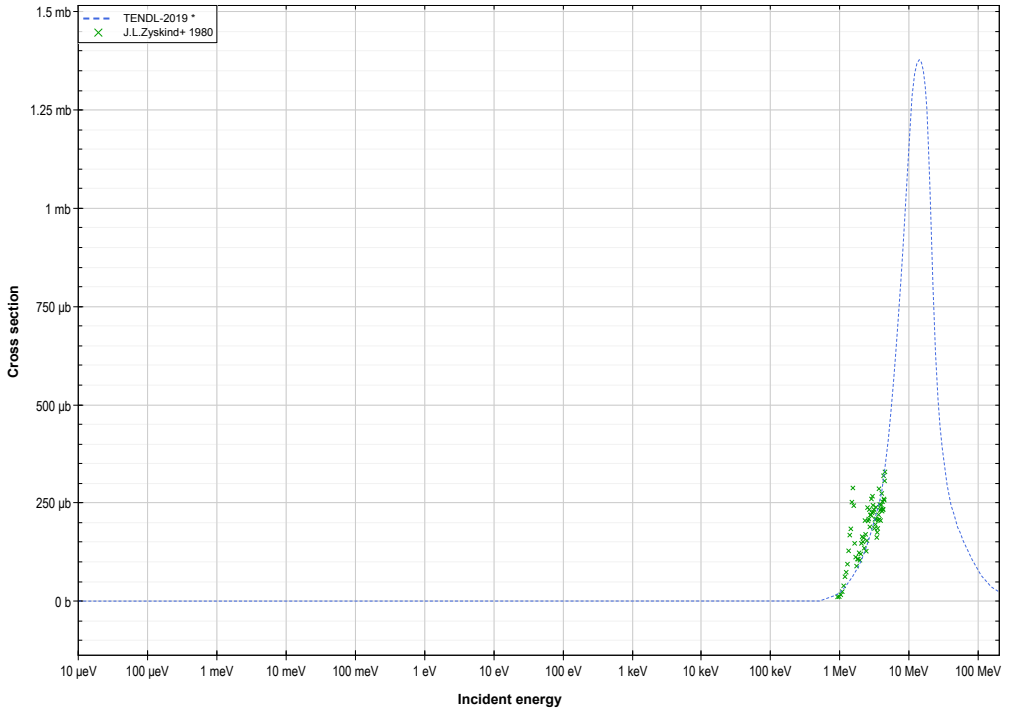
Reaction	Q-Value	Reaction	Q-Value
V51(p,d+α)Sc46	-18714.27 keV	V51(p,n+p+2d)Sc46	-44785.36 keV
V51(p,n+p+α)Sc46	-20938.83 keV	V51(p,2n+2p+d)Sc46	-47009.93 keV
V51(p,t+He3)Sc46	-33034.66 keV	V51(p,3n+3p)Sc46	-49234.49 keV
V51(p,p+d+t)Sc46	-38528.13 keV		
V51(p,n+d+He3)Sc46	-39291.89 keV		
V51(p,n+2p+t)Sc46	-40752.70 keV		
V51(p,2n+p+He3)Sc46	-41516.45 keV		
V51(p,3d)Sc46	-42560.79 keV		

<< 22-Ti-50	**23-V-51**	24-Cr-50 >>
<< MT45 (p,n+p+α)	**MT102 (p,γ) or MT5 (Cr52 production)**	MT105 (p,t) >>

V51 (p,γ) or Cr52 production log-log



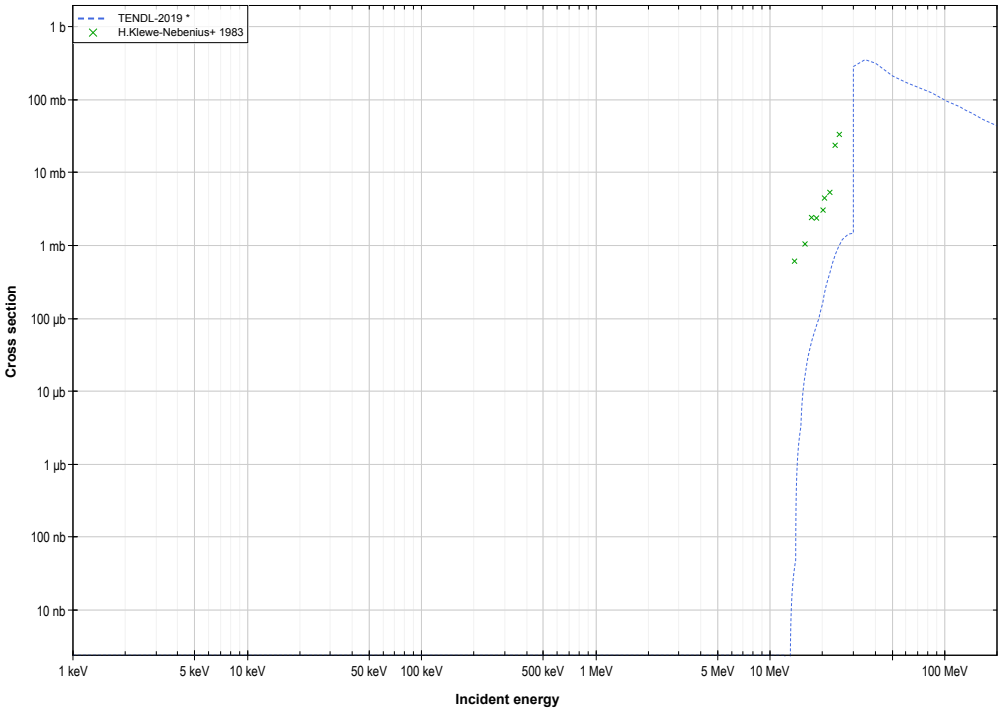
V51 (p,γ) or Cr52 production lin-log



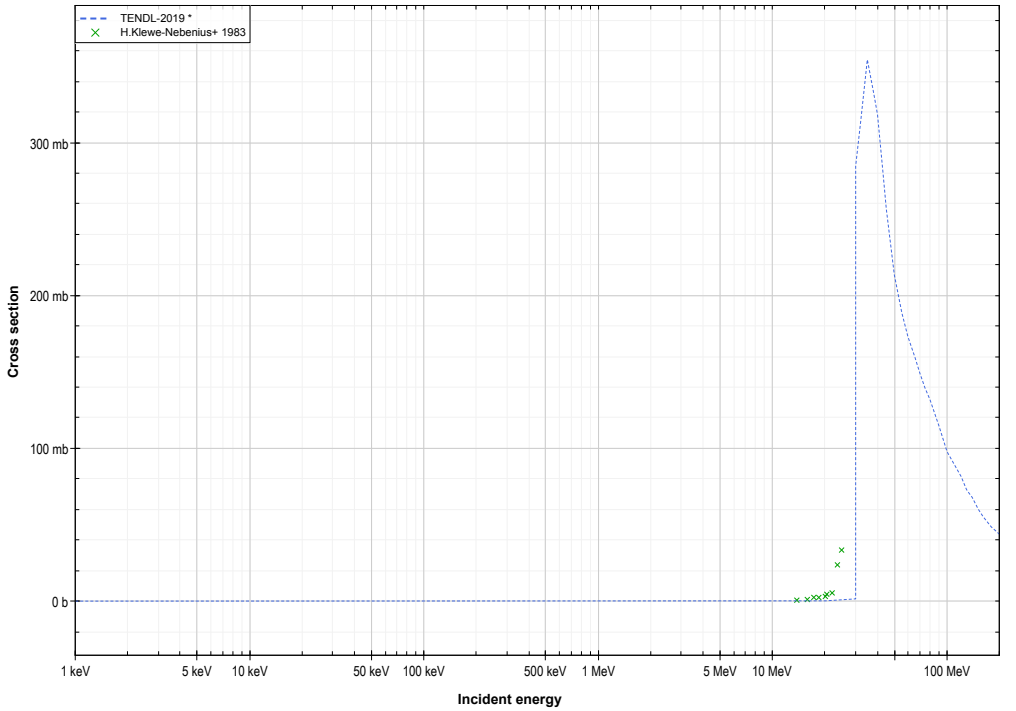
Reaction	Q-Value
V51(p,γ)Cr52	10504.37 keV

<< 21-Sc-45	**23-V-51**	24-Cr-50 >>
<< MT102 (p,γ)	**MT105 (p,t) or MT5 (V49 production)**	MT112 (p,p+α) >>

V51 (p,t) or V49 production log-log



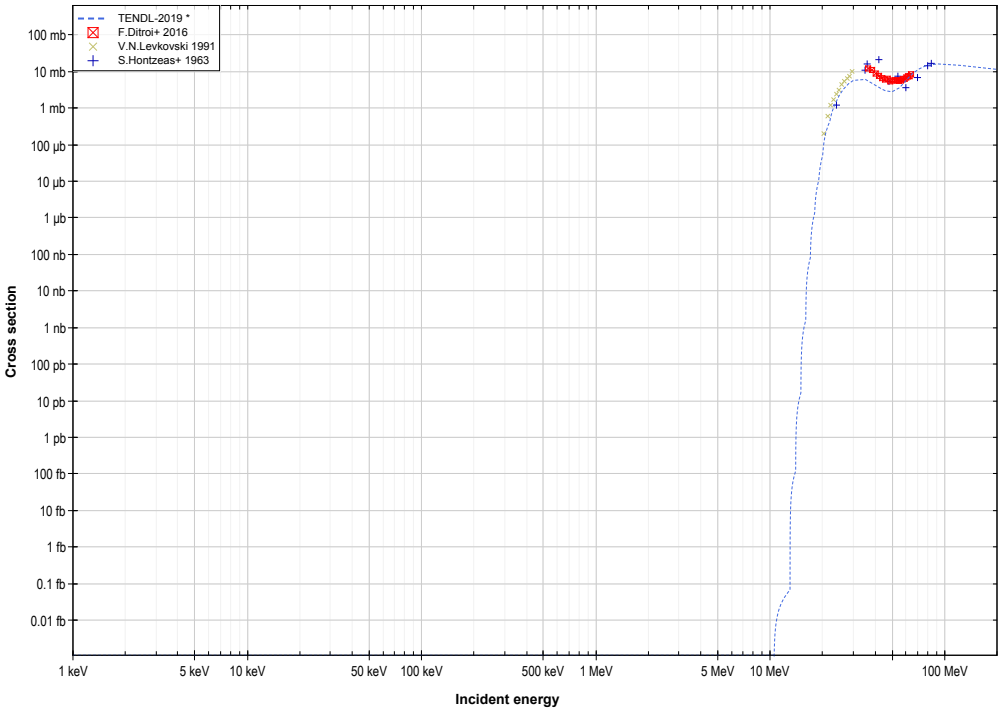
V51 (p,t) or V49 production lin-log



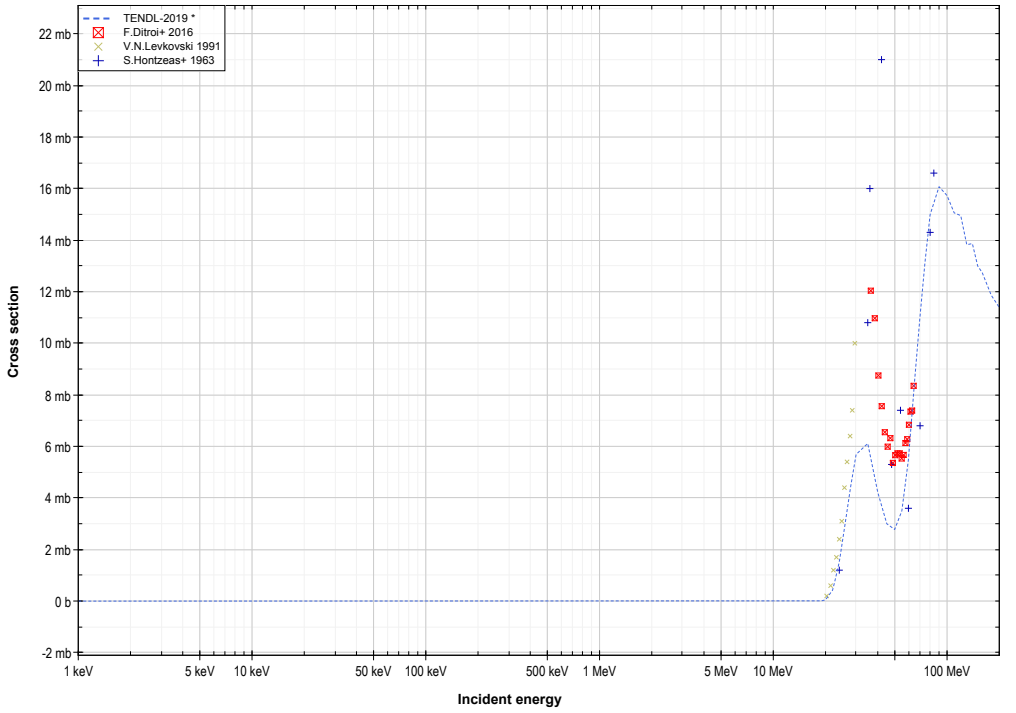
Reaction	Q-Value
V51(p,t)V49	-11902.74 keV
V51(p,n+d)V49	-18159.97 keV
V51(p,2n+p)V49	-20384.53 keV

<< 20-Ca-40	**23-V-51**	73-Ta-181 >>
<< MT105 (p,t)	**MT112 (p,p+α) or MT5 (Sc47 production)**	MT114 (p,d+2α) >>

V51 (p,p+α) or Sc47 production log-log



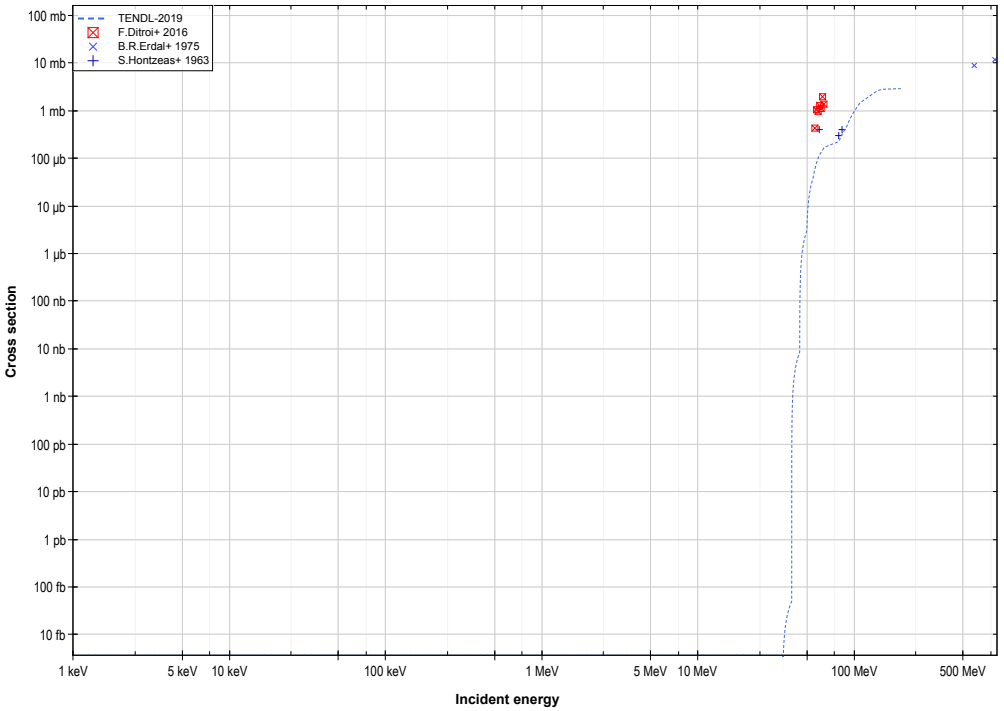
V51 (p,p+α) or Sc47 production lin-log



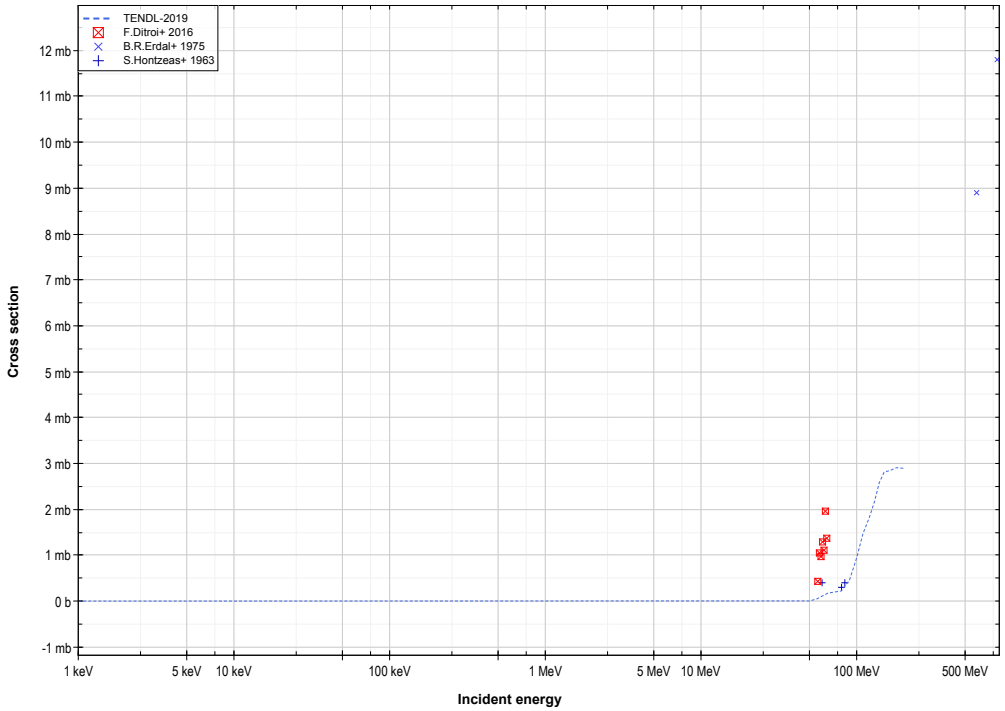
Reaction	Q-Value
V51(p,p+α)Sc47	-10292.12 keV
V51(p,d+He3)Sc47	-28645.17 keV
V51(p,2p+t)Sc47	-30105.98 keV
V51(p,n+p+He3)Sc47	-30869.73 keV
V51(p,p+2d)Sc47	-34138.64 keV
V51(p,n+2p+d)Sc47	-36363.21 keV
V51(p,2n+3p)Sc47	-38587.78 keV

<< 15-P-31	**23-V-51**	25-Mn-55 >>
<< MT112 (p,p+α)	**MT114 (p,d+2α) or MT5 (K42 production)**	MT117 (p,d+α) >>

V51 (p,d+2α) or K42 production log-log



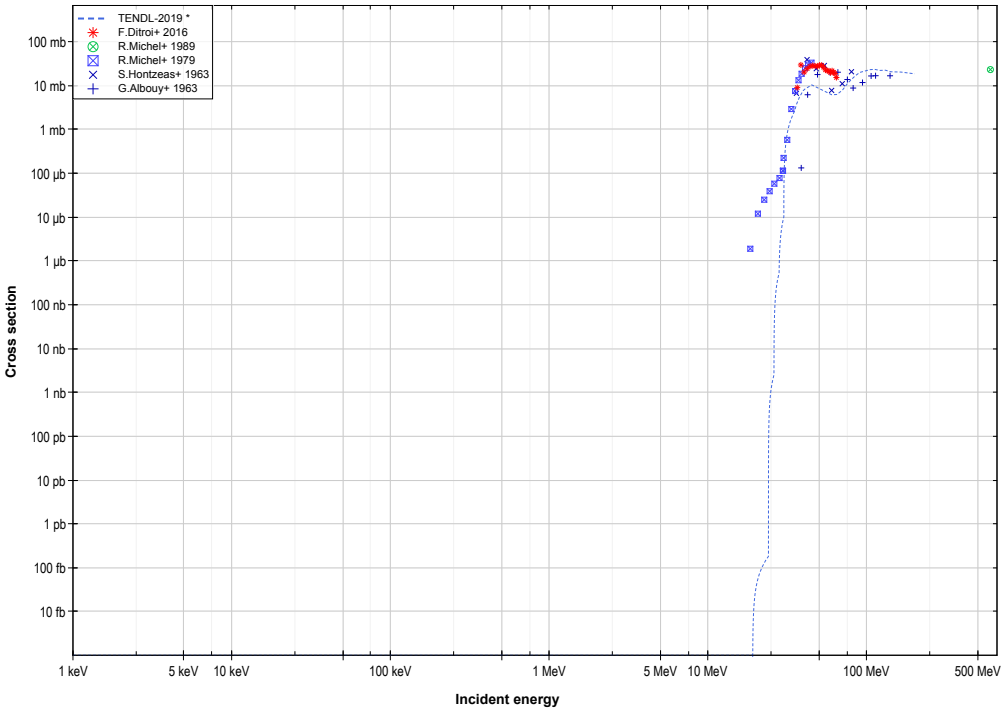
V51 (p,d+2α) or K42 production lin-log



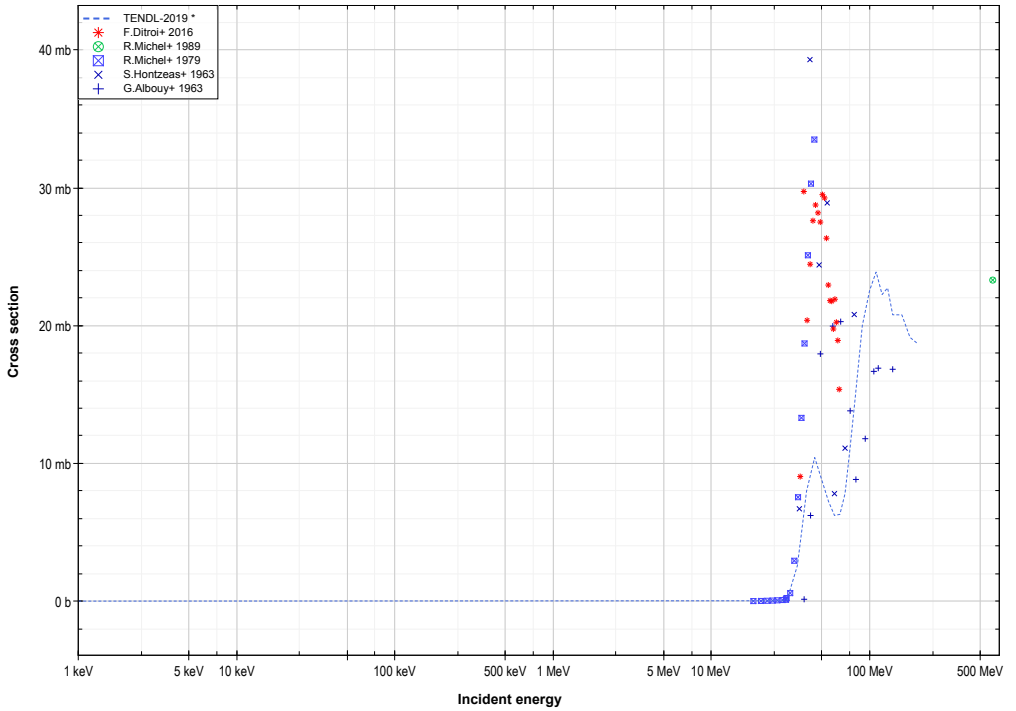
Reaction	Q-Value	Reaction	Q-Value
V51(p,d+2α)K42	-27878.35 keV	V51(p,n+p+2d+α)K42	-53949.45 keV
V51(p,n+p+2α)K42	-30102.92 keV	V51(p,2n+2p+d+α)K42	-56174.01 keV
V51(p,t+He3+α)K42	-42198.74 keV	V51(p,3n+3p+α)K42	-58398.58 keV
V51(p,p+d+t+α)K42	-47692.22 keV	V51(p,p+2t+He3)K42	-62012.61 keV
V51(p,n+d+He3+α)K42	-48455.97 keV	V51(p,n+t+2He3)K42	-62776.36 keV
V51(p,n+2p+t+α)K42	-49916.78 keV	V51(p,2d+t+He3)K42	-66045.27 keV
V51(p,2n+p+He3+α)K42	-50680.54 keV	V51(p,2p+d+2t)K42	-67506.08 keV
V51(p,3d+α)K42	-51724.88 keV	V51(p,n+p+d+t+He3)K42	-68269.84 keV

<< 13-Al-27	**23-V-51**	27-Co-59 >>
<< MT114 (p,d+2α)	**MT117 (p,d+α) or MT5 (Sc46 production)**	MT181 (p,3n+p+α) >>

V51 (p,d+α) or Sc46 production log-log



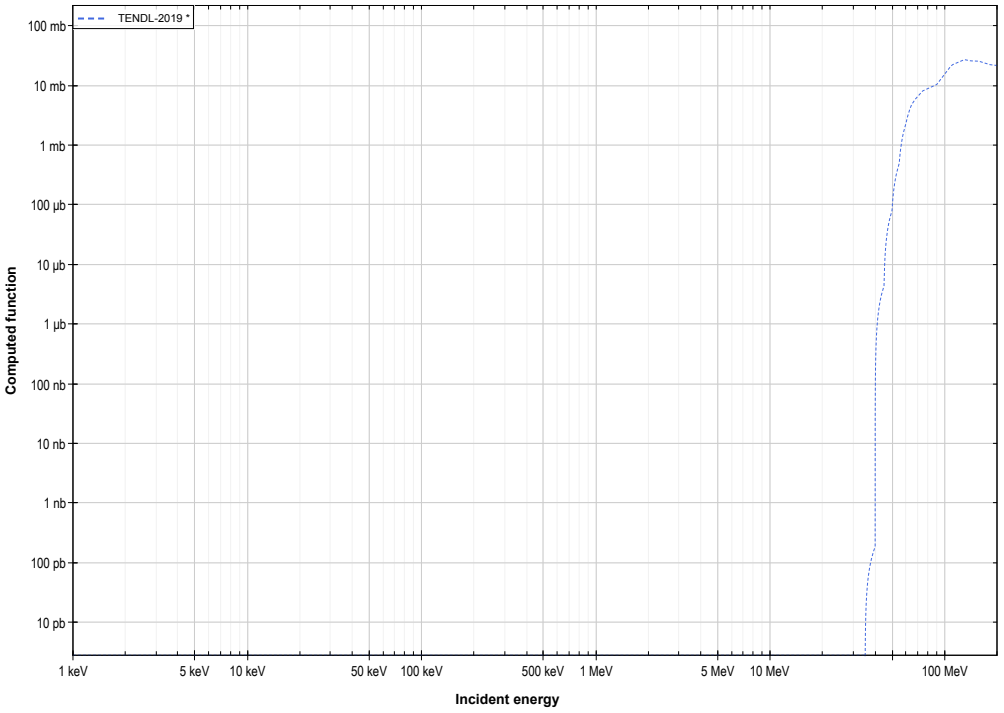
V51 (p,d+α) or Sc46 production lin-log



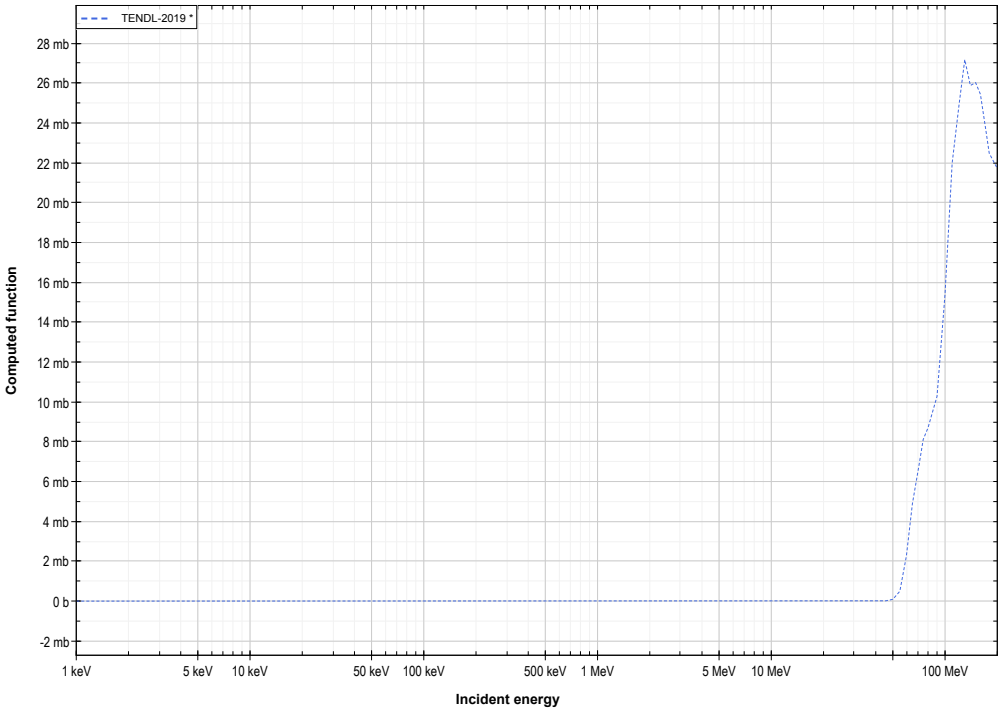
Reaction	Q-Value	Reaction	Q-Value
V51(p,d+α)Sc46	-18714.27 keV	V51(p,n+p+2d)Sc46	-44785.36 keV
V51(p,n+p+α)Sc46	-20938.83 keV	V51(p,2n+2p+d)Sc46	-47009.93 keV
V51(p,t+He3)Sc46	-33034.66 keV	V51(p,3n+3p)Sc46	-49234.49 keV
V51(p,p+d+t)Sc46	-38528.13 keV		
V51(p,n+d+He3)Sc46	-39291.89 keV		
V51(p,n+2p+t)Sc46	-40752.70 keV		
V51(p,2n+p+He3)Sc46	-41516.45 keV		
V51(p,3d)Sc46	-42560.79 keV		

<< 8-O-18	**23-V-51**	25-Mn-55 >>
<< MT117 (p,d+α)	**MT181 (p,3n+p+α) or MT5 (Sc44 production)**	MT186 (p,n+p+^{3}He) >>

V51 (p,3n+p+α) or Sc44 production log-log



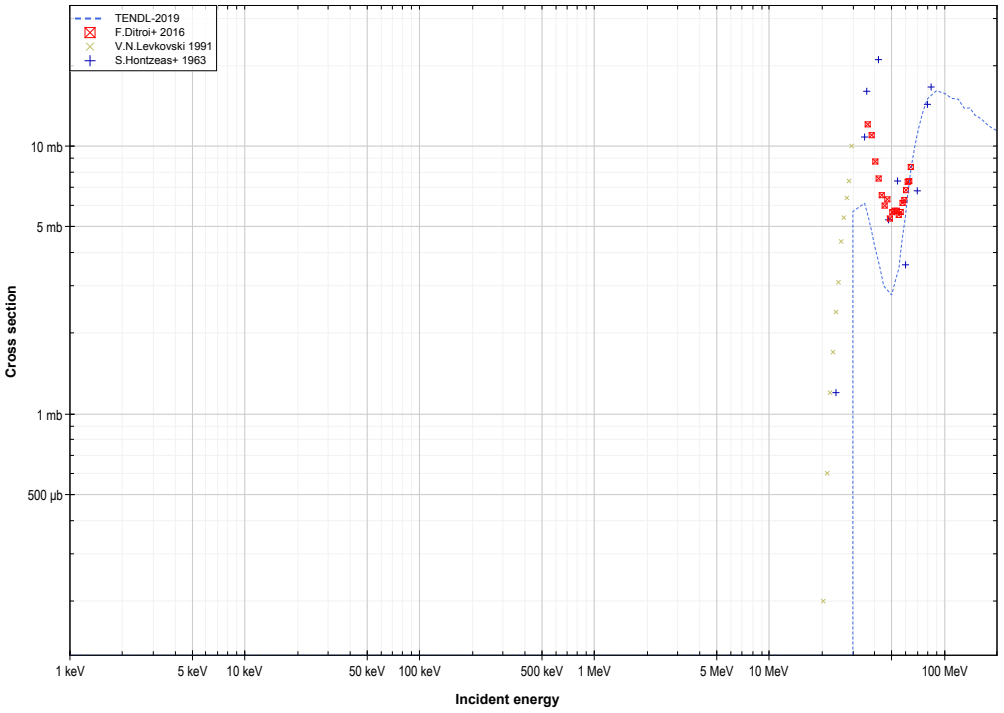
V51 (p,3n+p+α) or Sc44 production lin-log



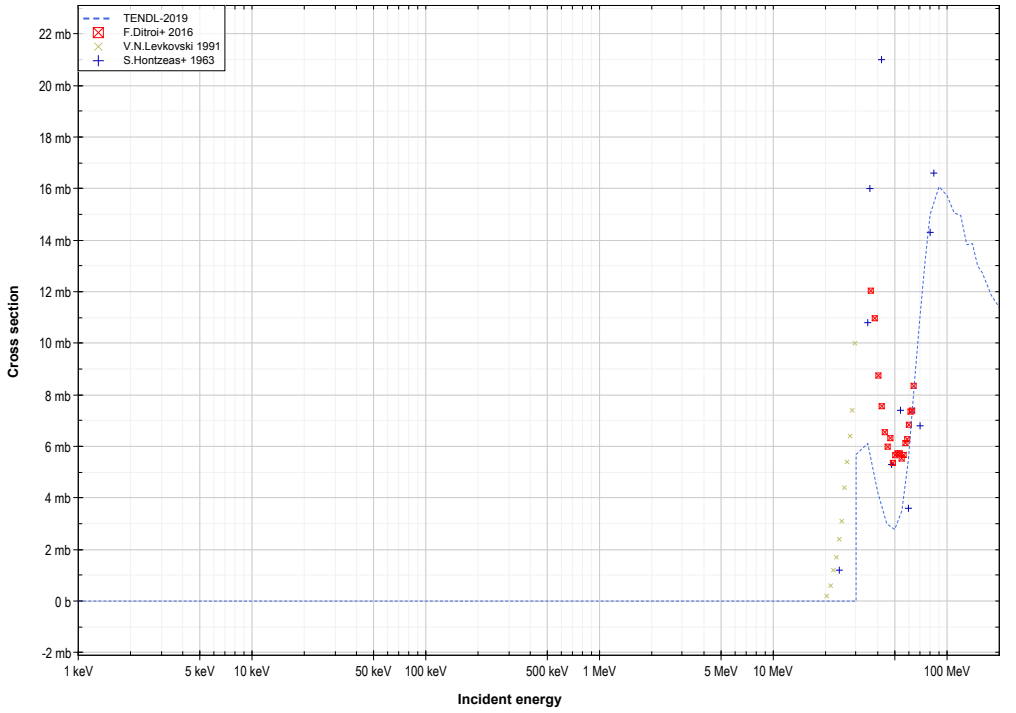
Reaction	Q-Value	Reaction	Q-Value
V51(p,n+t+α)Sc44	-32544.87 keV	V51(p,3n+d+He3)Sc44	-59379.72 keV
V51(p,2n+d+α)Sc44	-38802.10 keV	V51(p,3n+2p+t)Sc44	-60840.53 keV
V51(p,3n+p+α)Sc44	-41026.67 keV	V51(p,4n+p+He3)Sc44	-61604.29 keV
V51(p,d+2t)Sc44	-50134.17 keV	V51(p,2n+3d)Sc44	-62648.63 keV
V51(p,n+p+2t)Sc44	-52358.74 keV	V51(p,3n+p+2d)Sc44	-64873.19 keV
V51(p,2n+t+He3)Sc44	-53122.49 keV	V51(p,4n+2p+d)Sc44	-67097.76 keV
V51(p,n+2d+t)Sc44	-56391.40 keV	V51(p,5n+3p)Sc44	-69322.33 keV
V51(p,2n+p+d+t)Sc44	-58615.97 keV		

<< 20-Ca-40	**23-V-51**	73-Ta-181 >>
<< MT181 (p,3n+p+α)	**MT186 (p,n+p+^{3}He) or MT5 (Sc47 production)**	MT187 (p,n+d+^{3}He) >>

V51 (p,n+p+^{3}He) or Sc47 production log-log



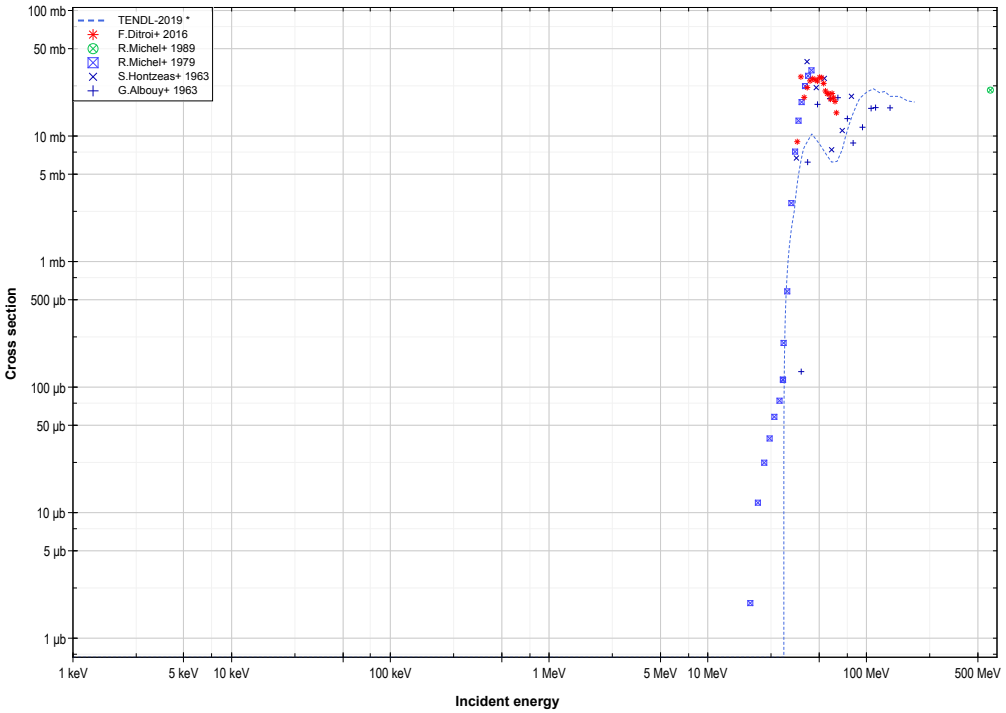
V51 (p,n+p+^{3}He) or Sc47 production lin-log



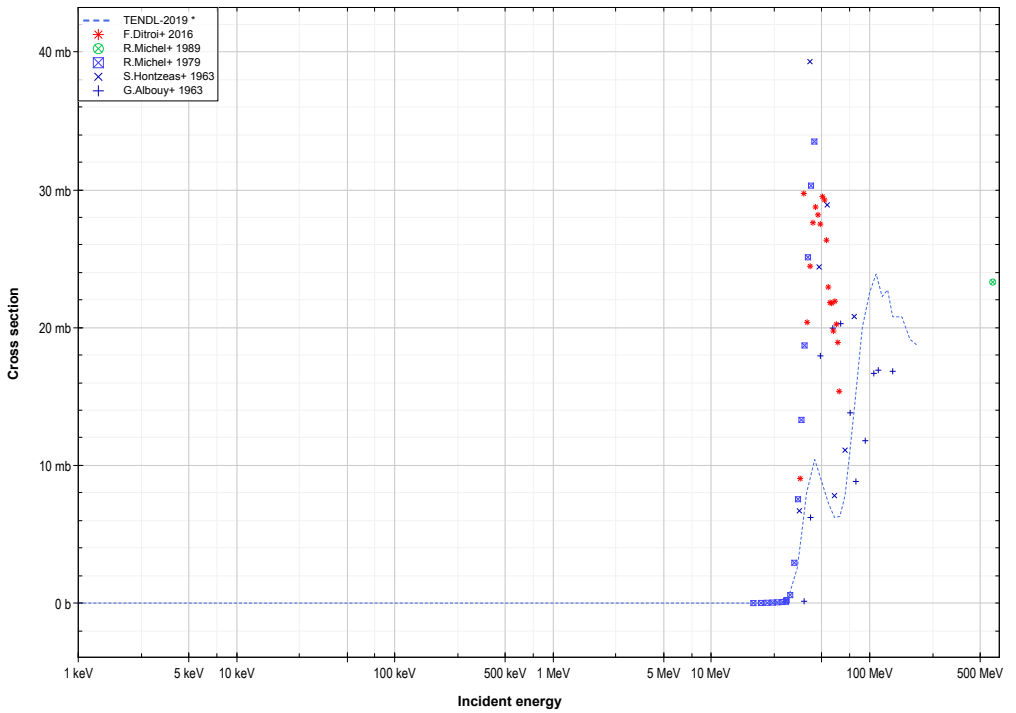
Reaction	Q-Value
V51(p,p+α)Sc47	-10292.12 keV
V51(p,d+He3)Sc47	-28645.17 keV
V51(p,2p+t)Sc47	-30105.98 keV
V51(p,n+p+He3)Sc47	-30869.73 keV
V51(p,p+2d)Sc47	-34138.64 keV
V51(p,n+2p+d)Sc47	-36363.21 keV
V51(p,2n+3p)Sc47	-38587.78 keV

<< 13-Al-27	**23-V-51**	27-Co-59 >>
<< MT186 (p,n+p+^{3}He)	**MT187 (p,n+d+^{3}He) or MT5 (Sc46 production)**	MT189 (p,n+t+a) >>

V51 (p,n+d+^{3}He) or Sc46 production log-log



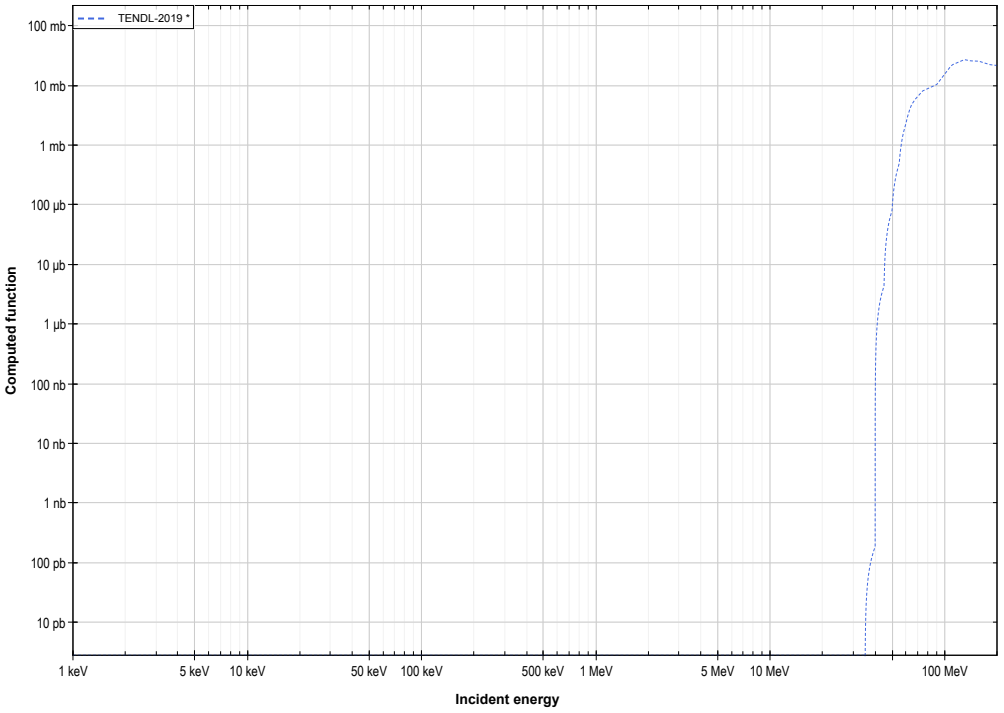
V51 (p,n+d+^{3}He) or Sc46 production lin-log



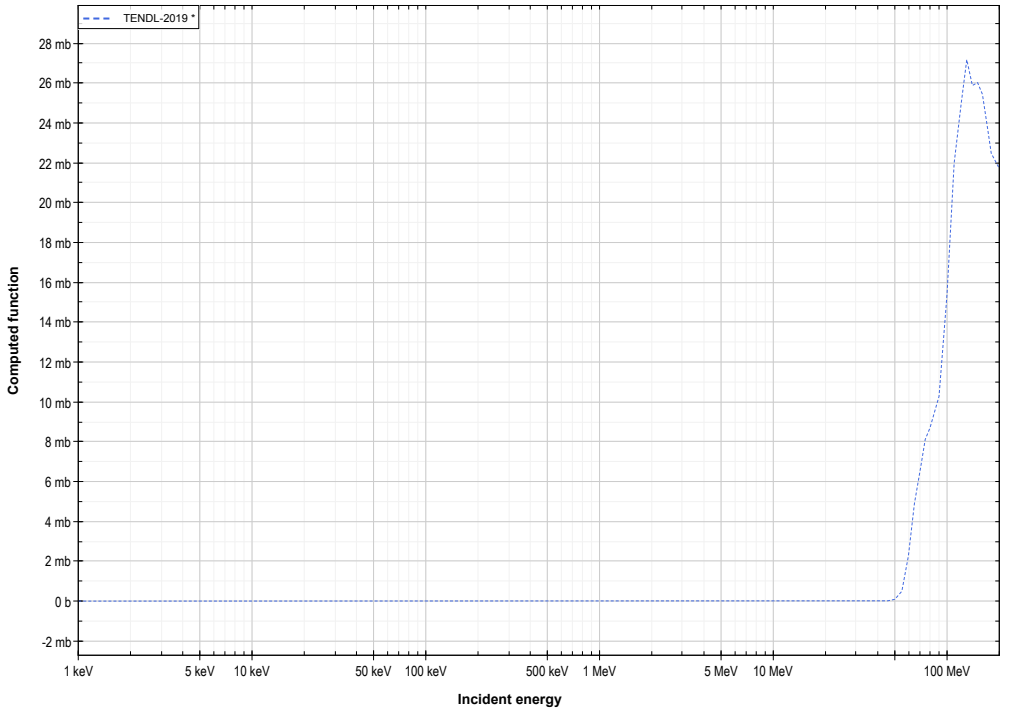
Reaction	Q-Value	Reaction	Q-Value
V51(p,d+α)Sc46	-18714.27 keV	V51(p,n+p+2d)Sc46	-44785.36 keV
V51(p,n+p+α)Sc46	-20938.83 keV	V51(p,2n+2p+d)Sc46	-47009.93 keV
V51(p,t+He3)Sc46	-33034.66 keV	V51(p,3n+3p)Sc46	-49234.49 keV
V51(p,p+d+t)Sc46	-38528.13 keV		
V51(p,n+d+He3)Sc46	-39291.89 keV		
V51(p,n+2p+t)Sc46	-40752.70 keV		
V51(p,2n+p+He3)Sc46	-41516.45 keV		
V51(p,3d)Sc46	-42560.79 keV		

<< 8-O-18	**23-V-51**	25-Mn-55 >>
<< MT187 (p,n+d+^{3}He)	**MT189 (p,n+t+a) or MT5 (Sc44 production)**	MT191 (p,p+^{3}He) >>

V51 (p,n+t+a) or Sc44 production log-log



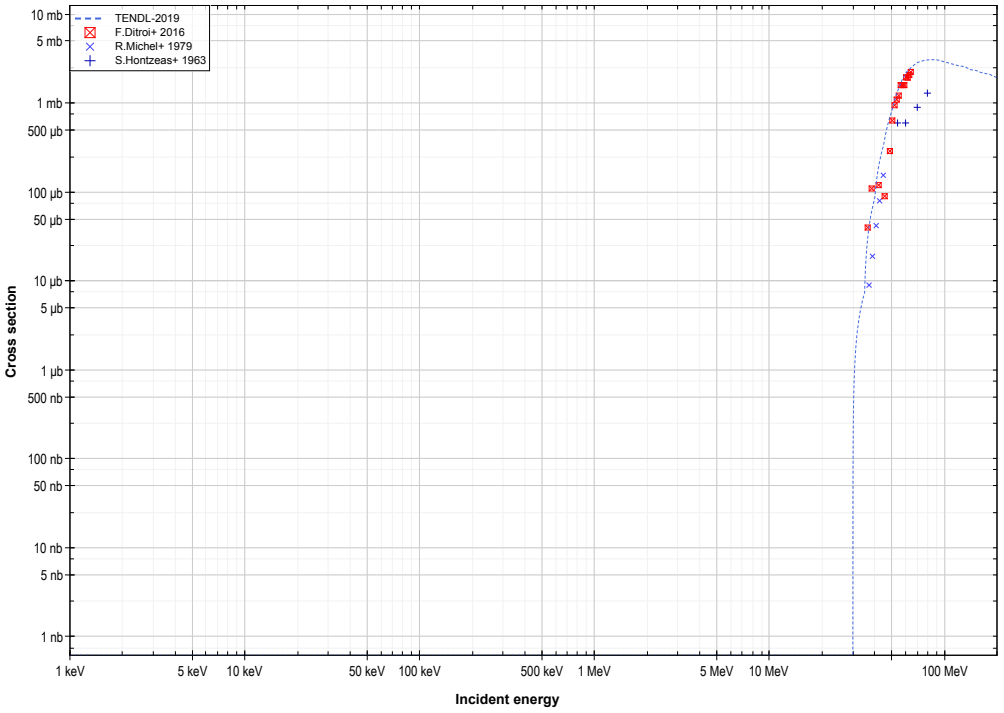
V51 (p,n+t+a) or Sc44 production lin-log



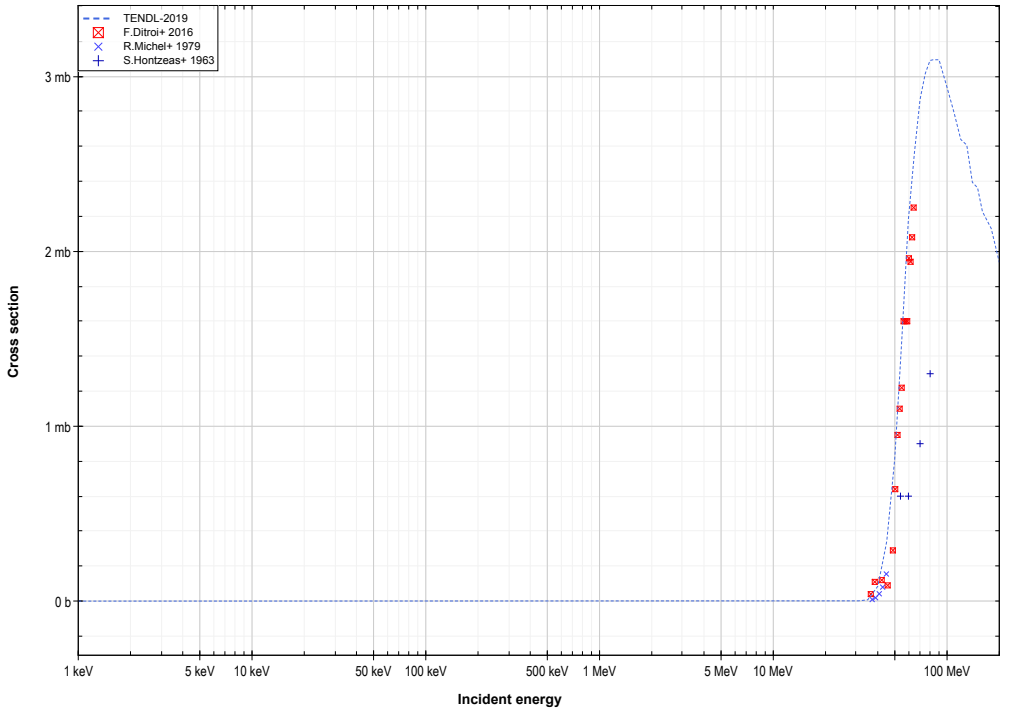
Reaction	Q-Value	Reaction	Q-Value
V51(p,n+t+α)Sc44	-32544.87 keV	V51(p,3n+d+He3)Sc44	-59379.72 keV
V51(p,2n+d+α)Sc44	-38802.10 keV	V51(p,3n+2p+t)Sc44	-60840.53 keV
V51(p,3n+p+α)Sc44	-41026.67 keV	V51(p,4n+p+He3)Sc44	-61604.29 keV
V51(p,d+2t)Sc44	-50134.17 keV	V51(p,2n+3d)Sc44	-62648.63 keV
V51(p,n+p+2t)Sc44	-52358.74 keV	V51(p,3n+p+2d)Sc44	-64873.19 keV
V51(p,2n+t+He3)Sc44	-53122.49 keV	V51(p,4n+2p+d)Sc44	-67097.76 keV
V51(p,n+2d+t)Sc44	-56391.40 keV	V51(p,5n+3p)Sc44	-69322.33 keV
V51(p,2n+p+d+t)Sc44	-58615.97 keV		

<< 20-Ca-40	**23-V-51**	27-Co-59 >>
<< MT189 (p,n+t+a)	**MT191 (p,p+³He) or MT5 (Sc48 production)**	MT192 (p,d+³He) >>

V51 (p,p+³He) or Sc48 production log-log



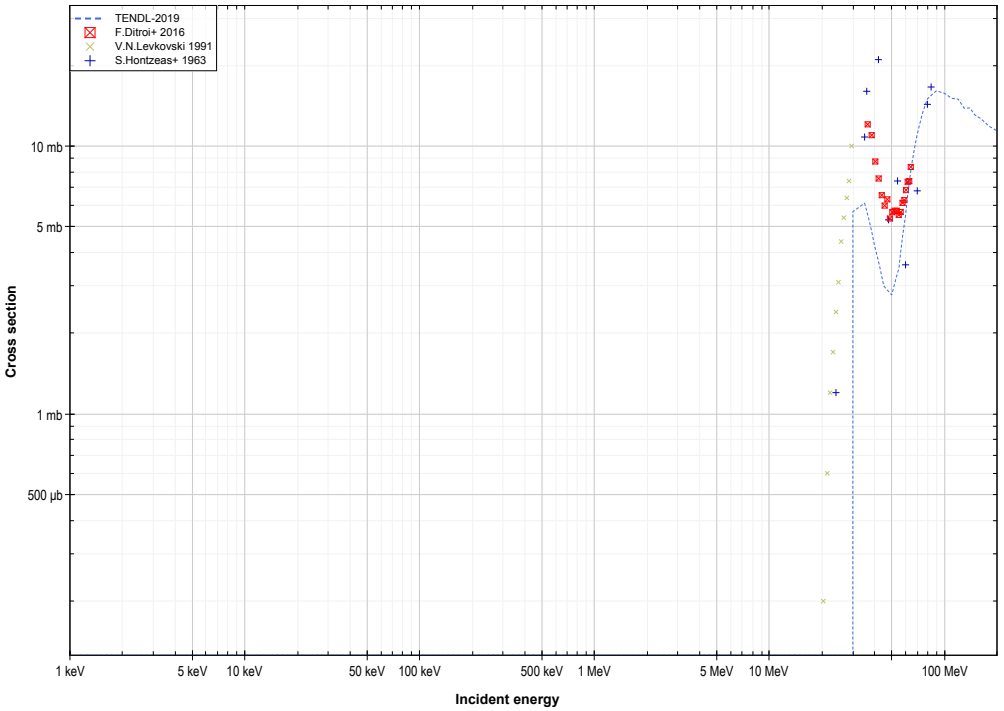
V51 (p,p+³He) or Sc48 production lin-log



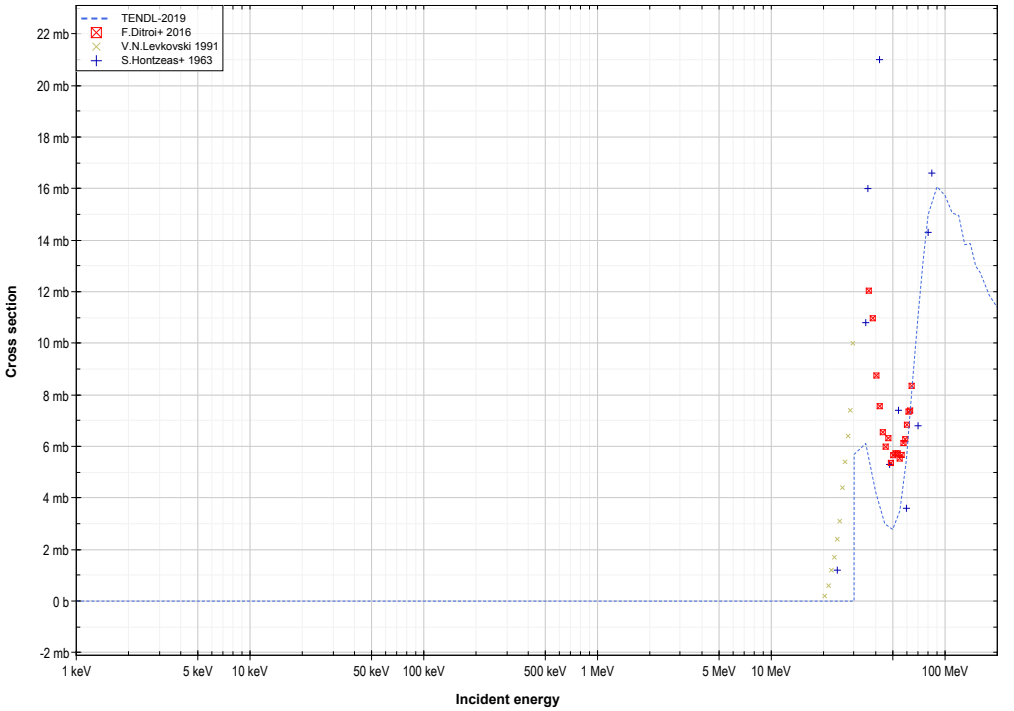
Reaction	Q-Value
V51(p,p+He3)Sc48	-22631.02 keV
V51(p,2p+d)Sc48	-28124.49 keV
V51(p,n+3p)Sc48	-30349.06 keV

<< 20-Ca-40	**23-V-51**	73-Ta-181 >>
<< MT191 (p,p+^{3}He)	**MT192 (p,d+^{3}He) or MT5 (Sc47 production)**	MT197 (p,3p) >>

V51 (p,d+h) or Sc47 production log-log



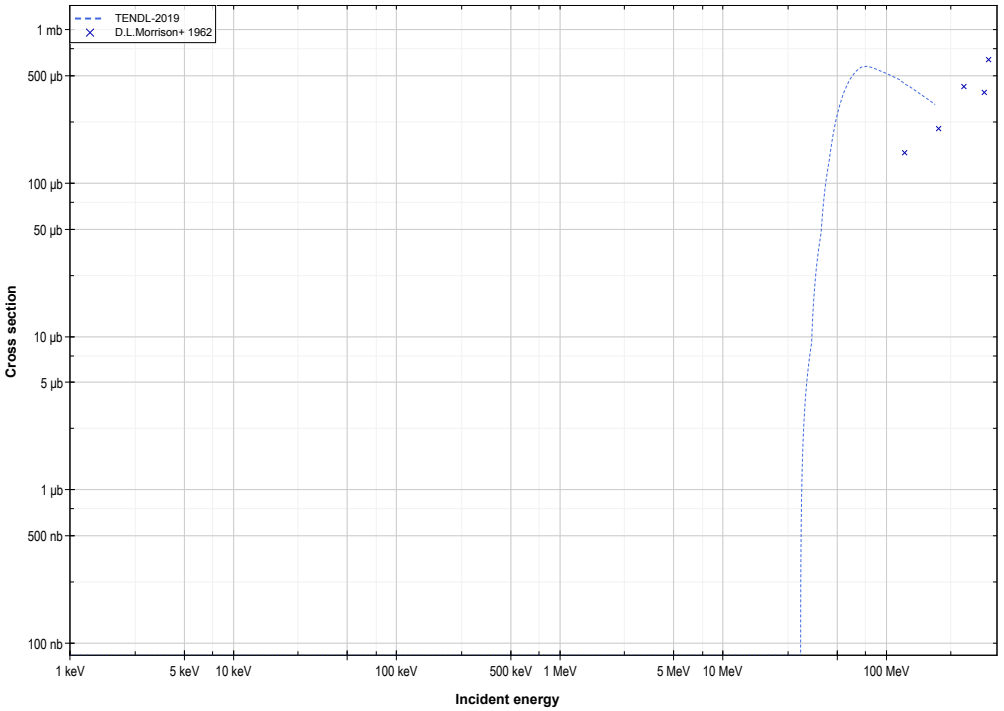
V51 (p,d+h) or Sc47 production lin-log



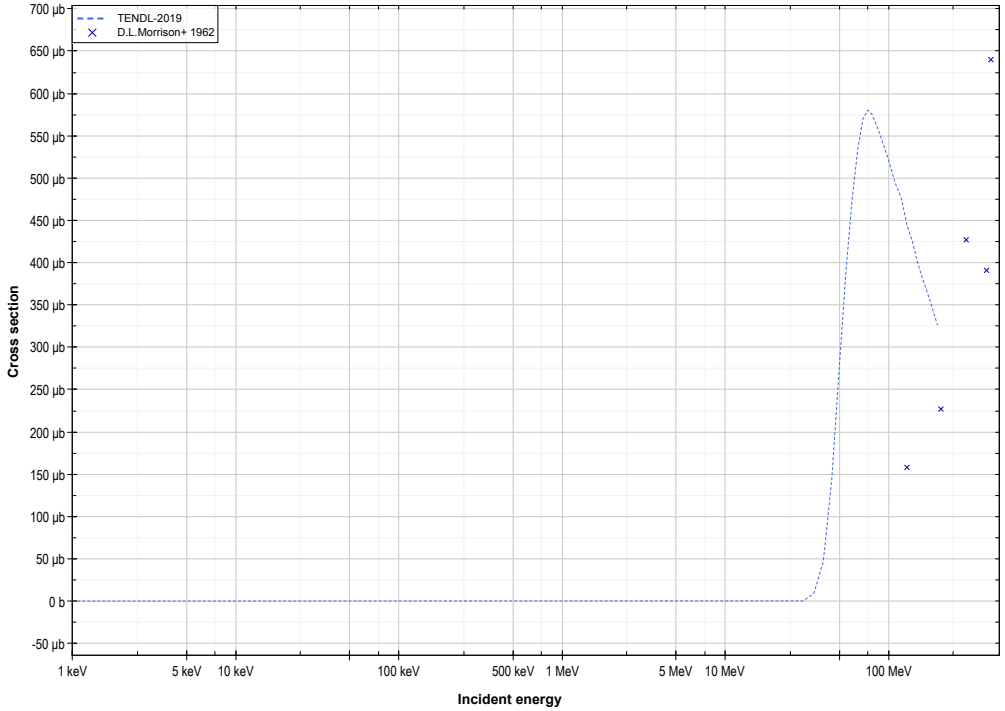
Reaction	Q-Value
V51(p,p+α)Sc47	-10292.12 keV
V51(p,d+He3)Sc47	-28645.17 keV
V51(p,2p+t)Sc47	-30105.98 keV
V51(p,n+p+He3)Sc47	-30869.73 keV
V51(p,p+2d)Sc47	-34138.64 keV
V51(p,n+2p+d)Sc47	-36363.21 keV
V51(p,2n+3p)Sc47	-38587.78 keV

<< 21-Sc-45	**23-V-51**	31-Ga-69 >>
<< MT192 (p,d+³He)	**MT197 (p,3p) or MT5 (Sc49 production)**	MT198 (p,n+3p) >>

V51 (p,3p) or Sc49 production log-log



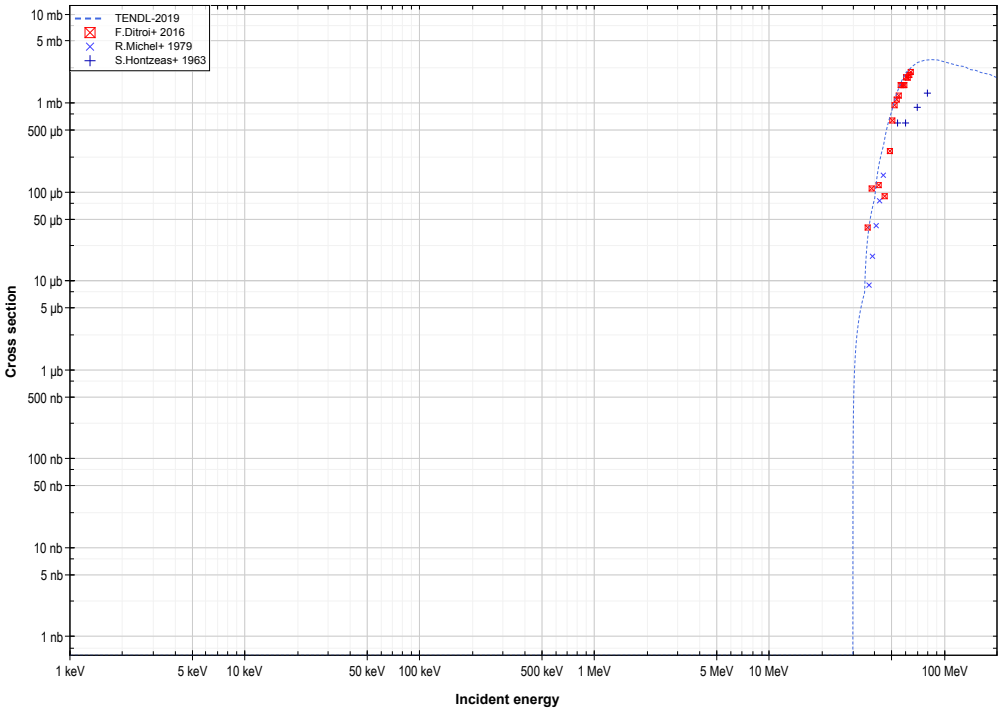
V51 (p,3p) or Sc49 production lin-log



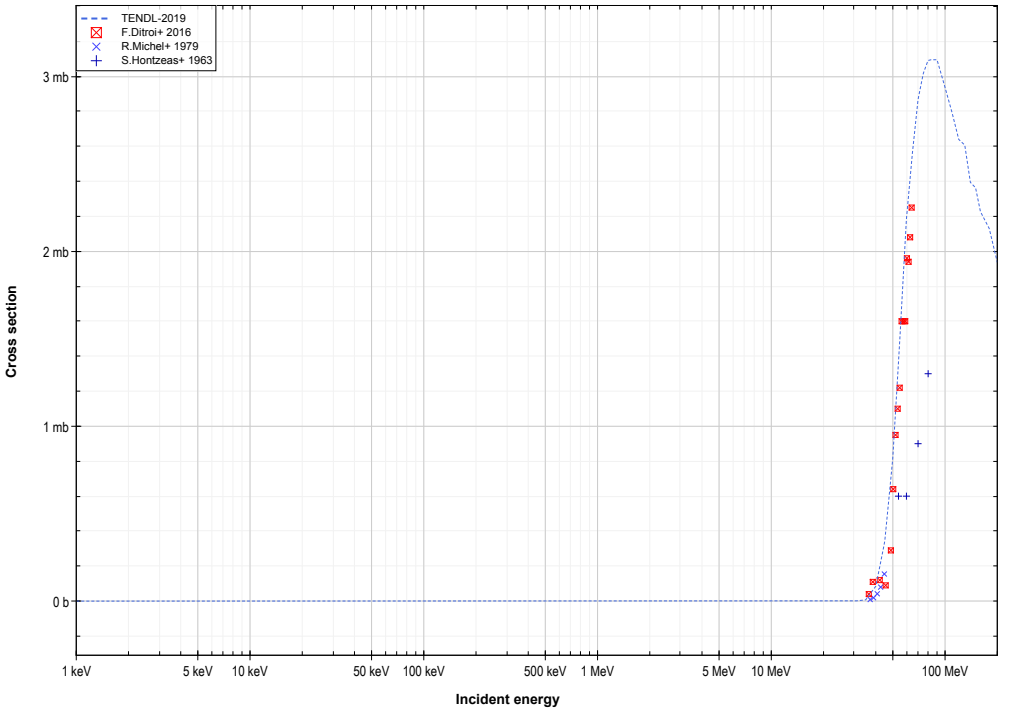
Reaction	Q-Value
V51(p,3p)Sc49	-20220.44 keV

<< 21-Sc-45	**23-V-51**	27-Co-59 >>
<< MT197 (p,3p)	**MT198 (p,n+3p) or MT5 (Sc48 production)**	24-Cr-50 MT4 (p,n) >>

V51 (p,n+3p) or Sc48 production log-log



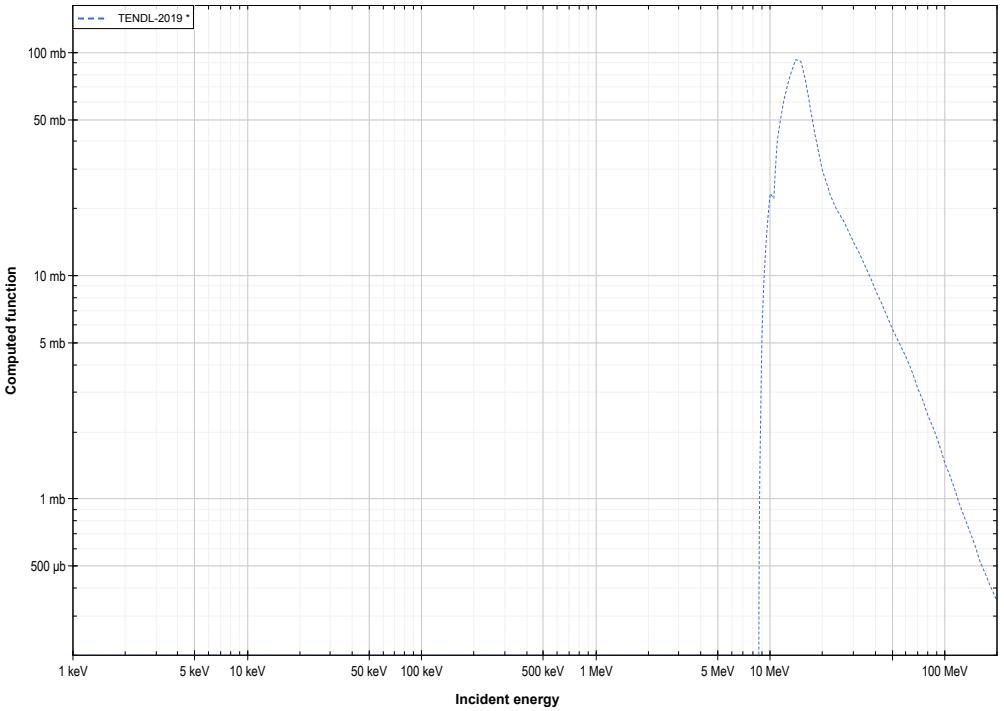
V51 (p,n+3p) or Sc48 production lin-log



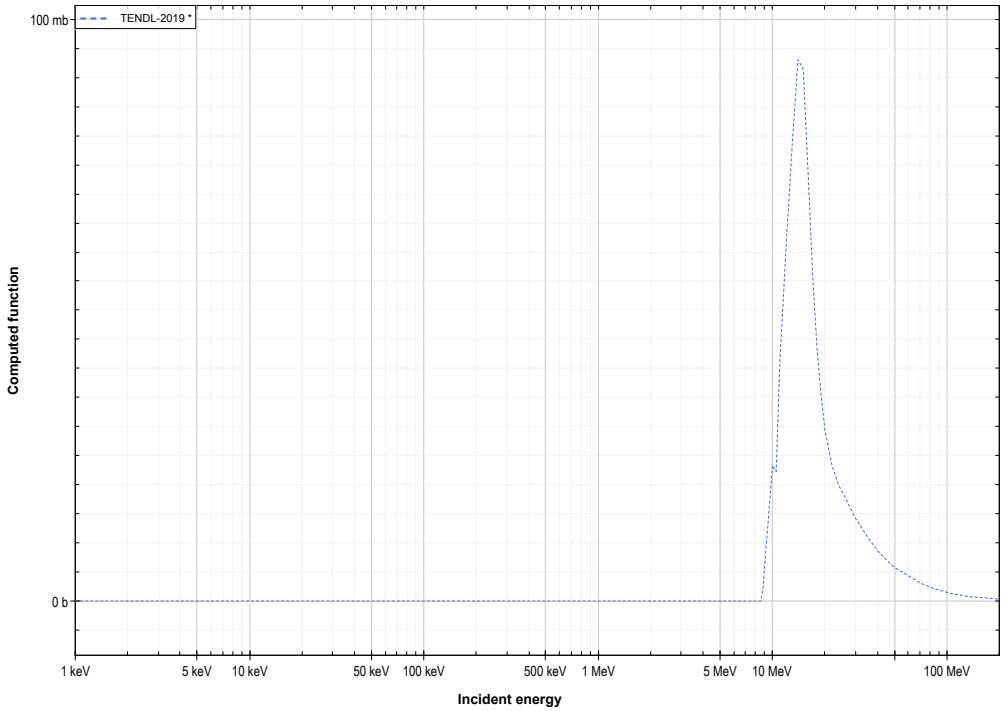
Reaction	Q-Value
V51(p,p+He3)Sc48	-22631.02 keV
V51(p,2p+d)Sc48	-28124.49 keV
V51(p,n+3p)Sc48	-30349.06 keV

<< 23-V-51	**24-Cr-50**	24-Cr-52 >>
<< 23-V-51 MT198 (p,n+3p)	**MT4 (p,n) or MT5 (Mn50 production)**	MT28 (p,n+p) >>

Cr50 (p,n) or Mn50 production log-log



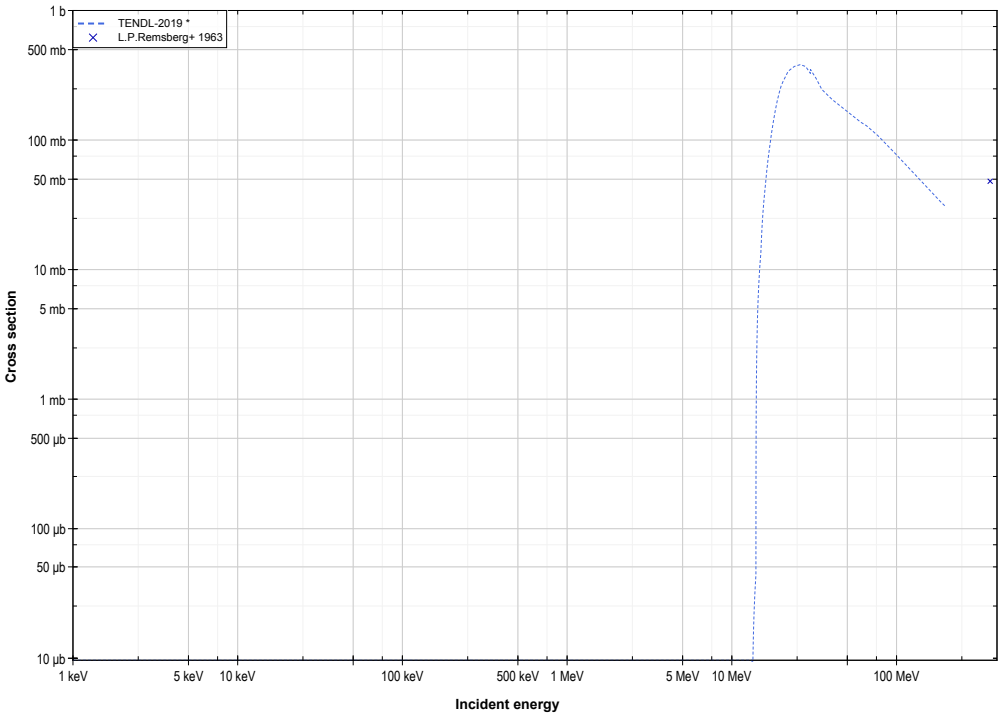
Cr50 (p,n) or Mn50 production lin-log



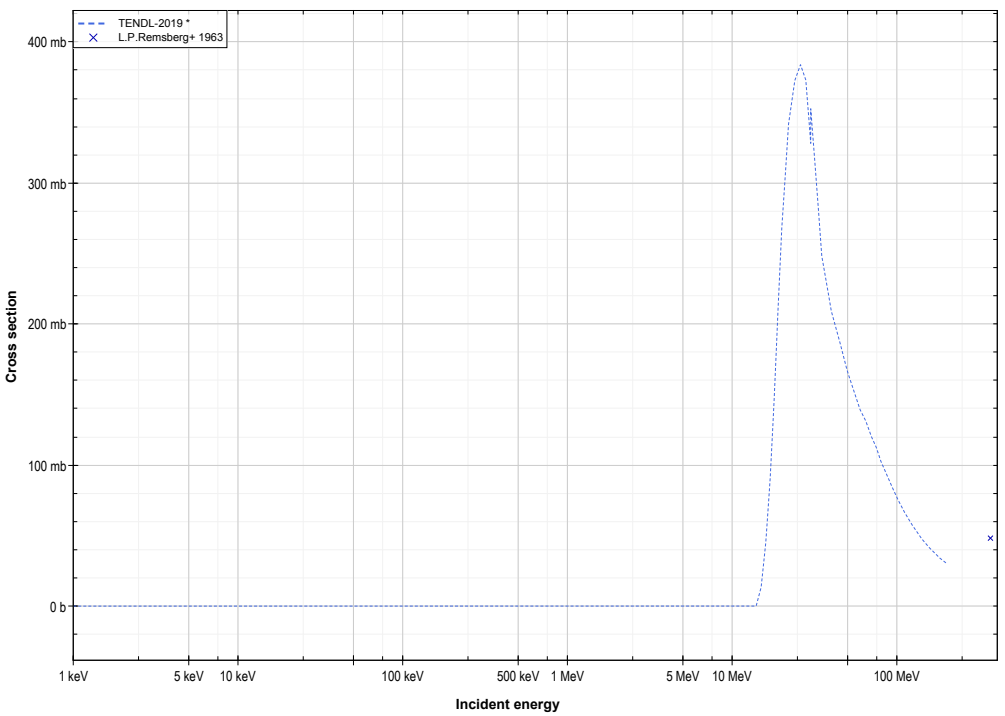
Reaction	Q-Value
Cr50(p,n)Mn50	-8416.85 keV

<< 22-Ti-46	**24-Cr-50**	24-Cr-52 >>
<< MT4 (p,n)	**MT28 (p,n+p) or MT5 (Cr49 production)**	MT32 (p,n+d) >>

Cr50 (p,n+p) or Cr49 production log-log



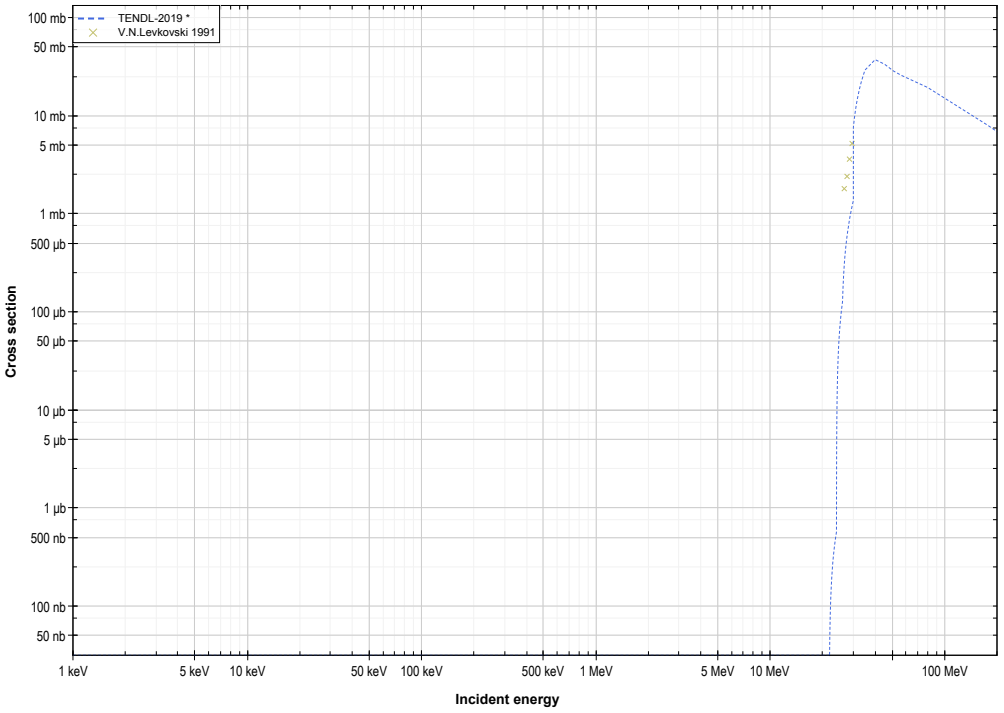
Cr50 (p,n+p) or Cr49 production lin-log



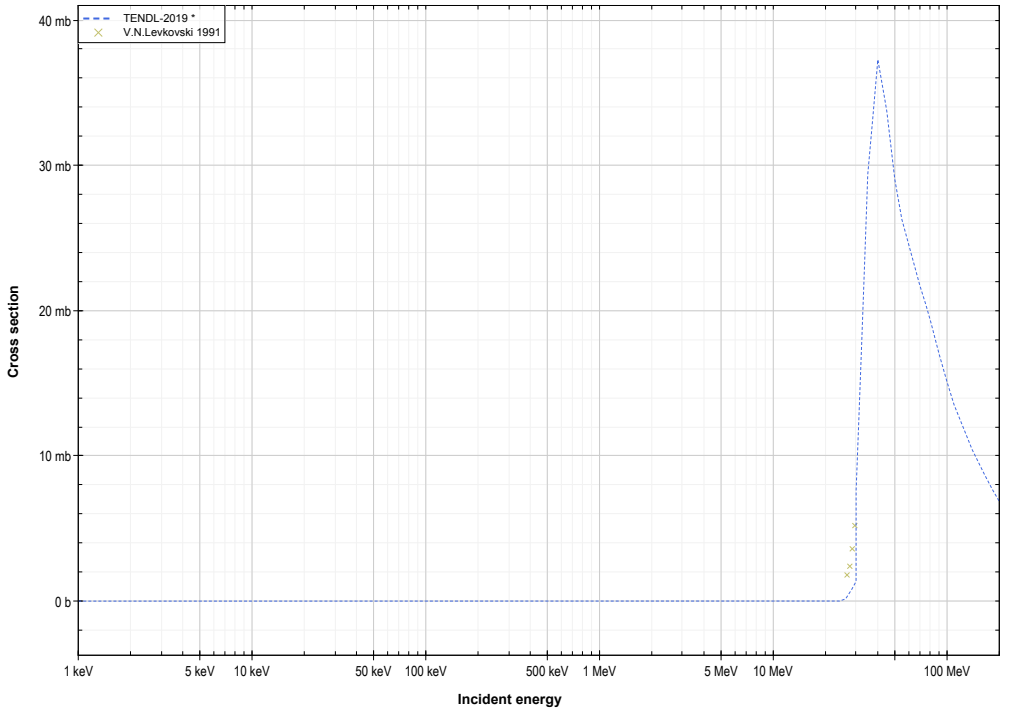
Reaction	Q-Value
Cr50(p,d)Cr49	-10775.75 keV
Cr50(p,n+p)Cr49	-13000.32 keV

<< 23-V-51	**24-Cr-50**	27-Co-59 >>
<< MT28 (p,n+p)	**MT32 (p,n+d) or MT5 (Cr48 production)**	MT41 (p,2n+p) >>

Cr50 (p,n+d) or Cr48 production log-log



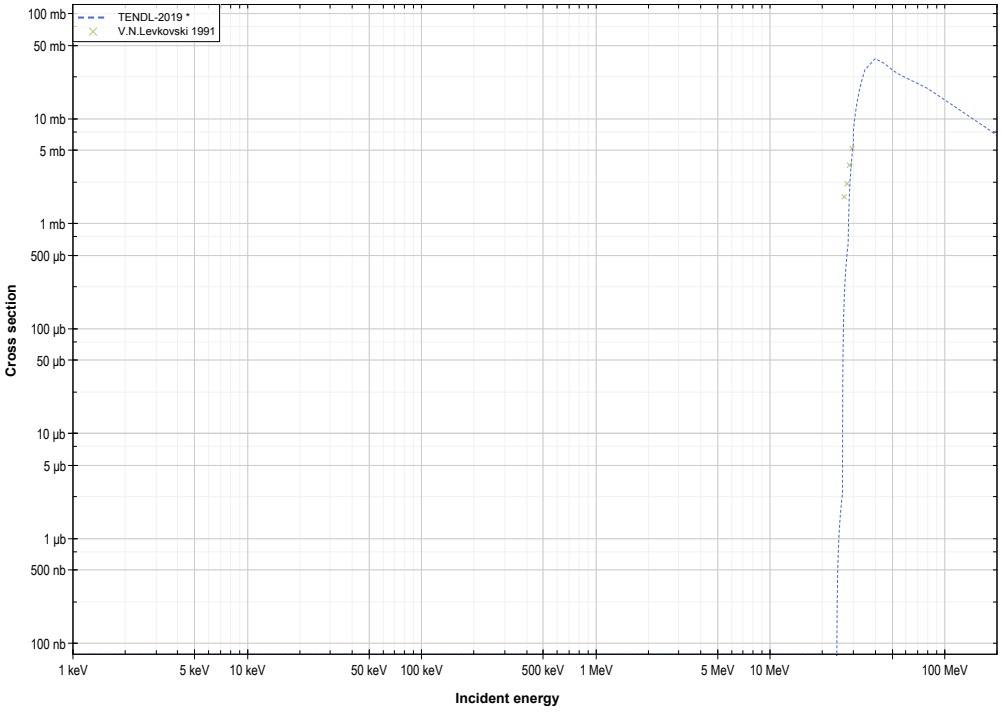
Cr50 (p,n+d) or Cr48 production lin-log



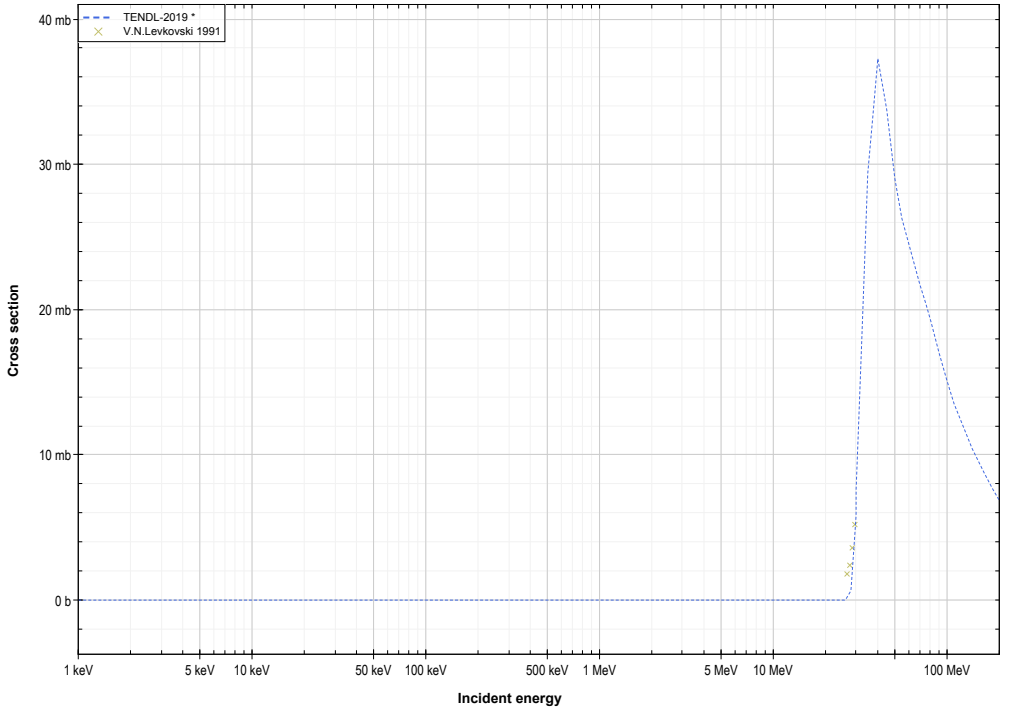
Reaction	Q-Value
Cr50(p,t)Cr48	-15100.94 keV
Cr50(p,n+d)Cr48	-21358.17 keV
Cr50(p,2n+p)Cr48	-23582.73 keV

<< 23-V-51	**24-Cr-50**	26-Fe-57 >>
<< MT32 (p,n+d)	**MT41 (p,2n+p) or MT5 (Cr48 production)**	MT44 (p,n+2p) >>

Cr50 (p,2n+p) or Cr48 production log-log



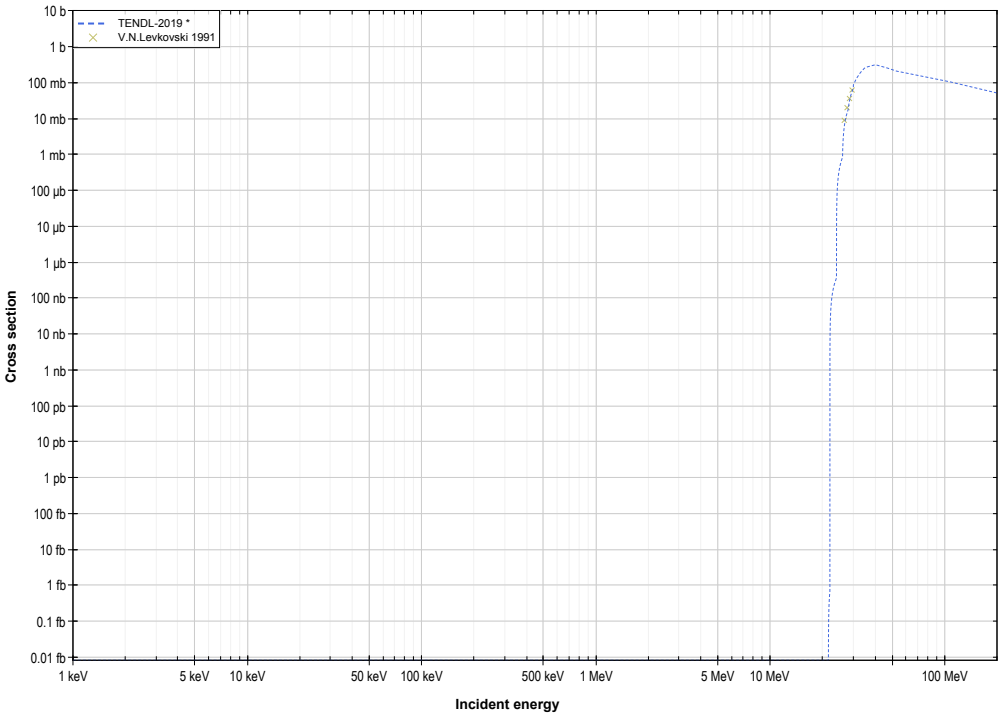
Cr50 (p,2n+p) or Cr48 production lin-log



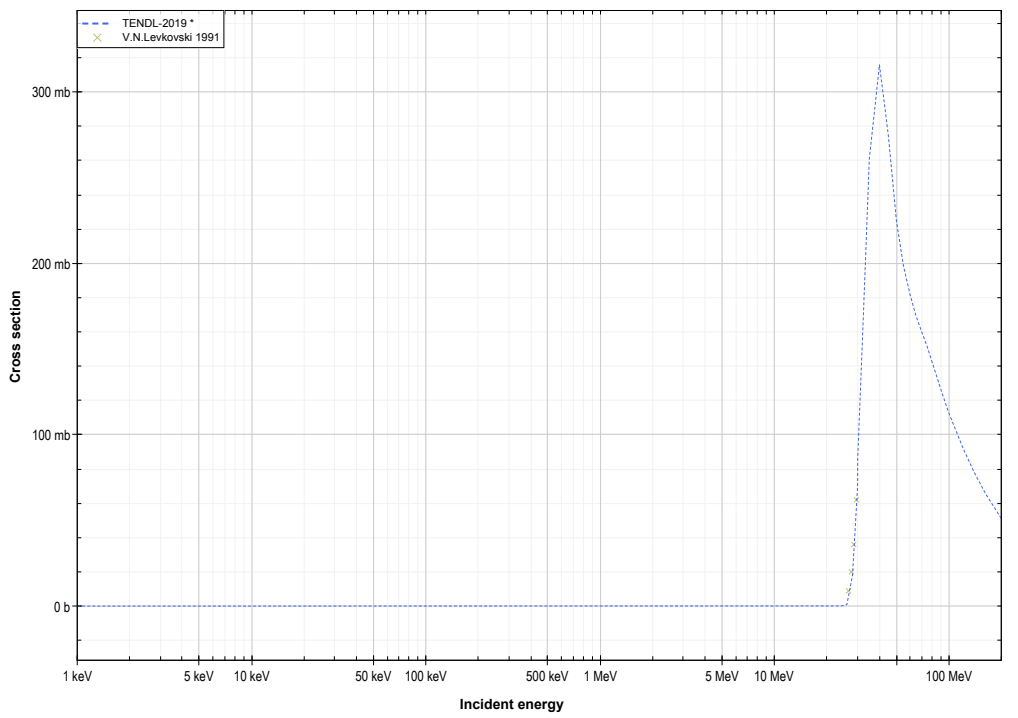
Reaction	Q-Value
Cr50(p,t)Cr48	-15100.94 keV
Cr50(p,n+d)Cr48	-21358.17 keV
Cr50(p,2n+p)Cr48	-23582.73 keV

<< 22-Ti-50	**24-Cr-50**	26-Fe-56 >>
<< MT41 (p,2n+p)	**MT44 (p,n+2p) or MT5 (V48 production)**	MT102 (p,γ) >>

Cr50 (p,n+2p) or V48 production log-log



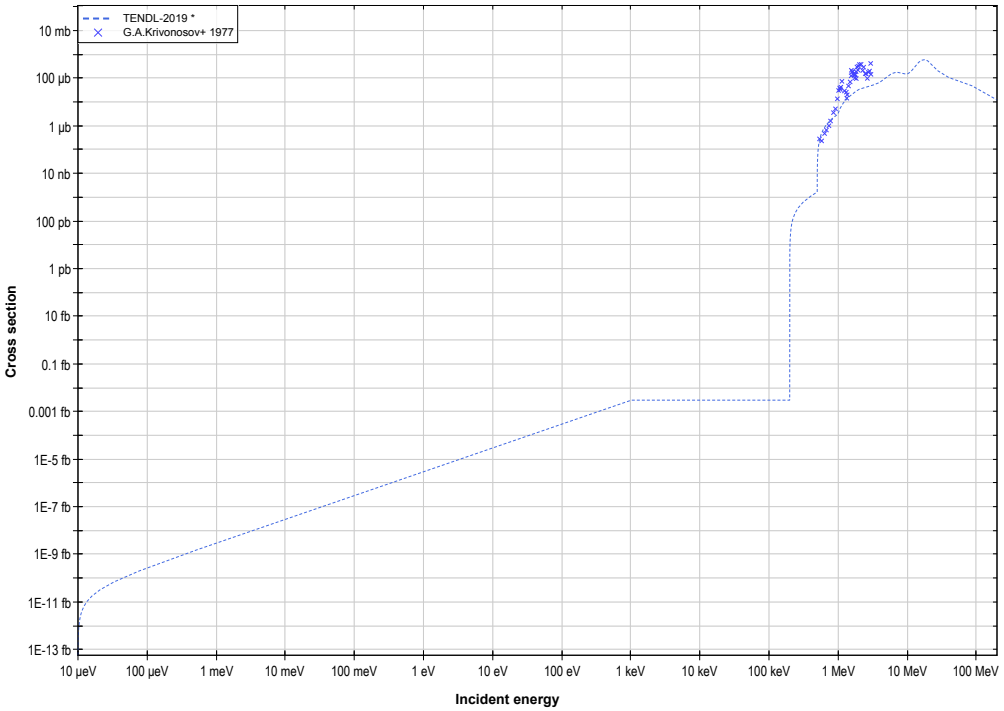
Cr50 (p,n+2p) or V48 production lin-log



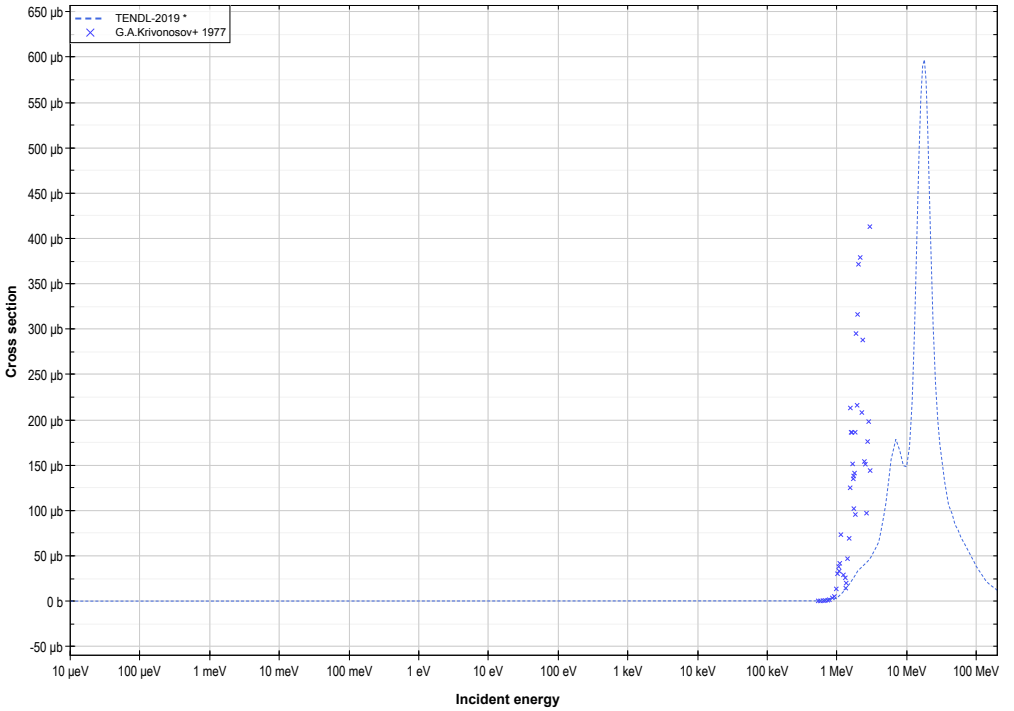
Reaction	Q-Value
Cr50(p,He3)V48	-13426.65 keV
Cr50(p,p+d)V48	-18920.12 keV
Cr50(p,n+2p)V48	-21144.69 keV

<< 23-V-51	**24-Cr-50**	24-Cr-52 >>
<< MT44 (p,n+2p)	**MT102 (p,γ) or MT5 (Mn51 production)**	MT105 (p,t) >>

Cr50 (p,γ) or Mn51 production log-log



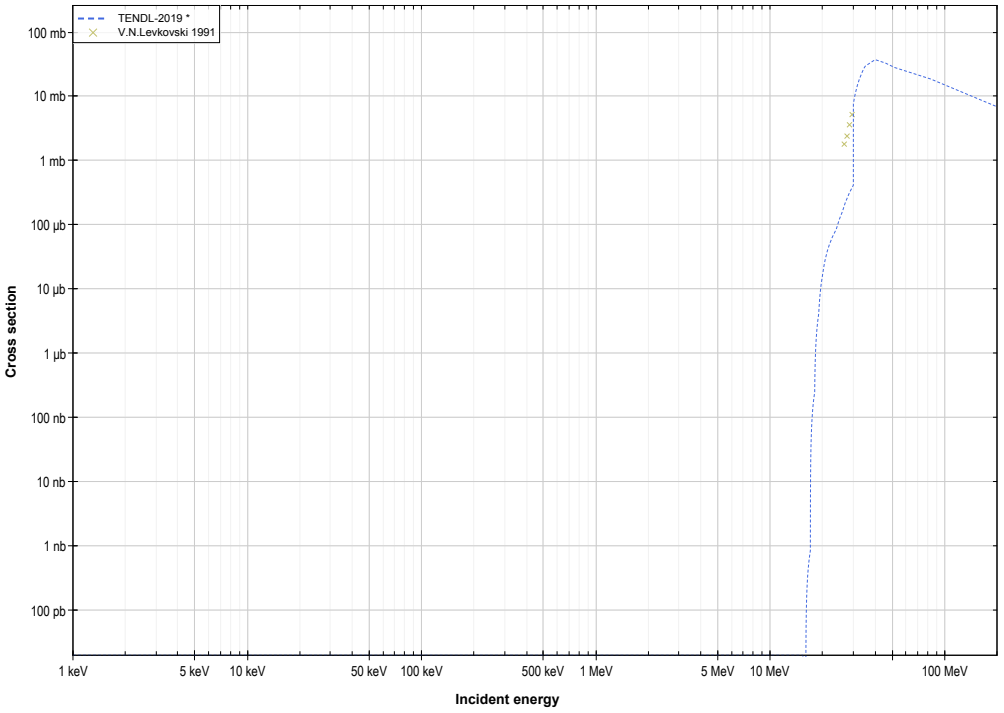
Cr50 (p,γ) or Mn51 production lin-log



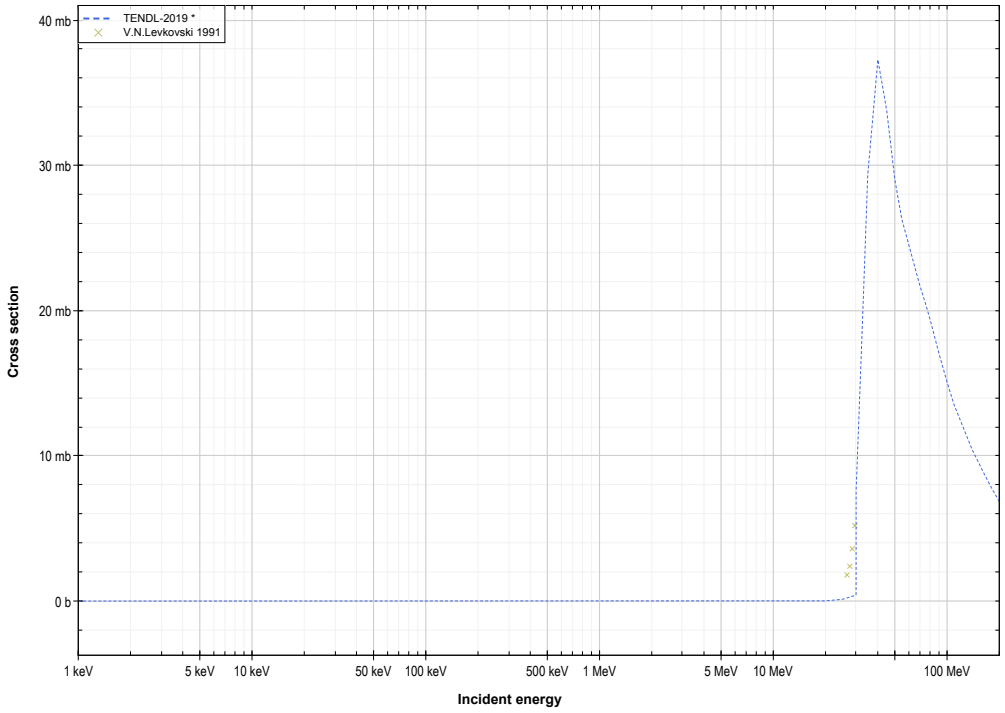
Reaction	Q-Value
Cr50(p,γ)Mn51	5270.77 keV

<< 23-V-51	**24-Cr-50**	26-Fe-54 >>
<< MT102 (p,γ)	**MT105 (p,t) or MT5 (Cr48 production)**	MT106 (p,³He) >>

Cr50 (p,t) or Cr48 production log-log



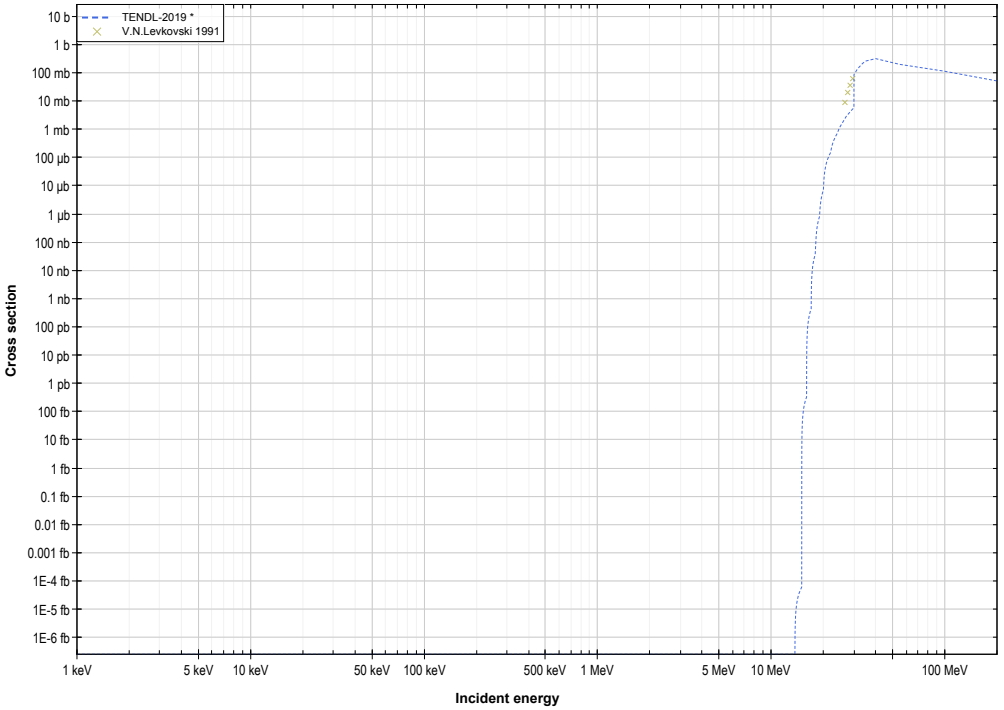
Cr50 (p,t) or Cr48 production lin-log



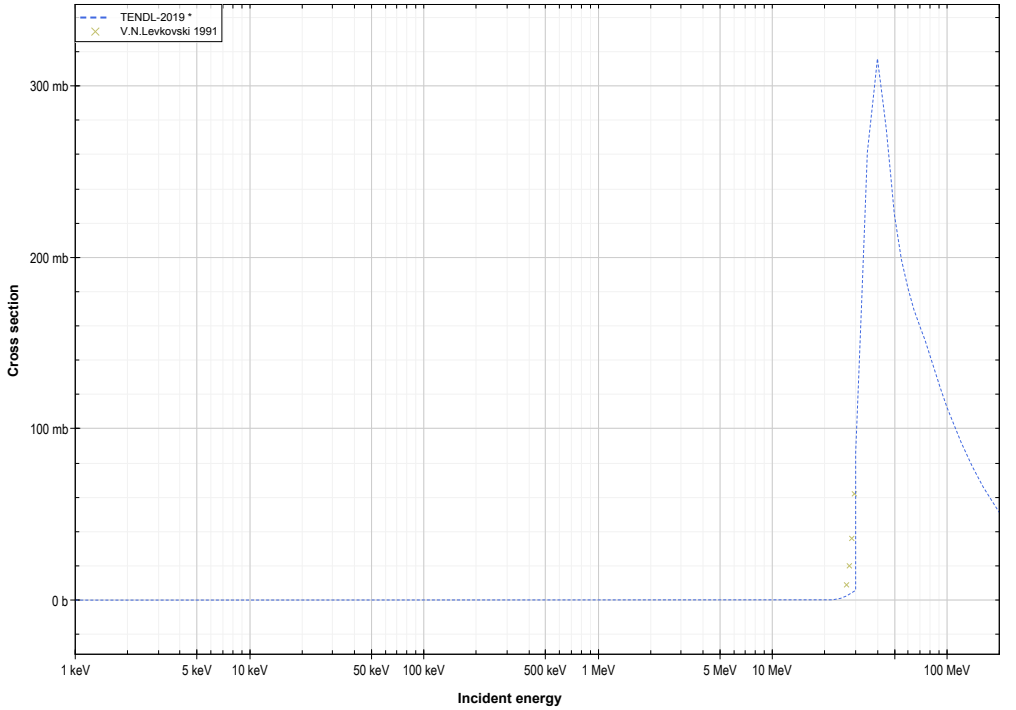
Reaction	Q-Value
Cr50(p,t)Cr48	-15100.94 keV
Cr50(p,n+d)Cr48	-21358.17 keV
Cr50(p,2n+p)Cr48	-23582.73 keV

<< 22-Ti-46	**24-Cr-50**	26-Fe-56 >>
<< MT105 (p,t)	**MT106 (p,³He) or MT5 (V48 production)**	MT115 (p,p+d) >>

Cr50 (p,³He) or V48 production log-log



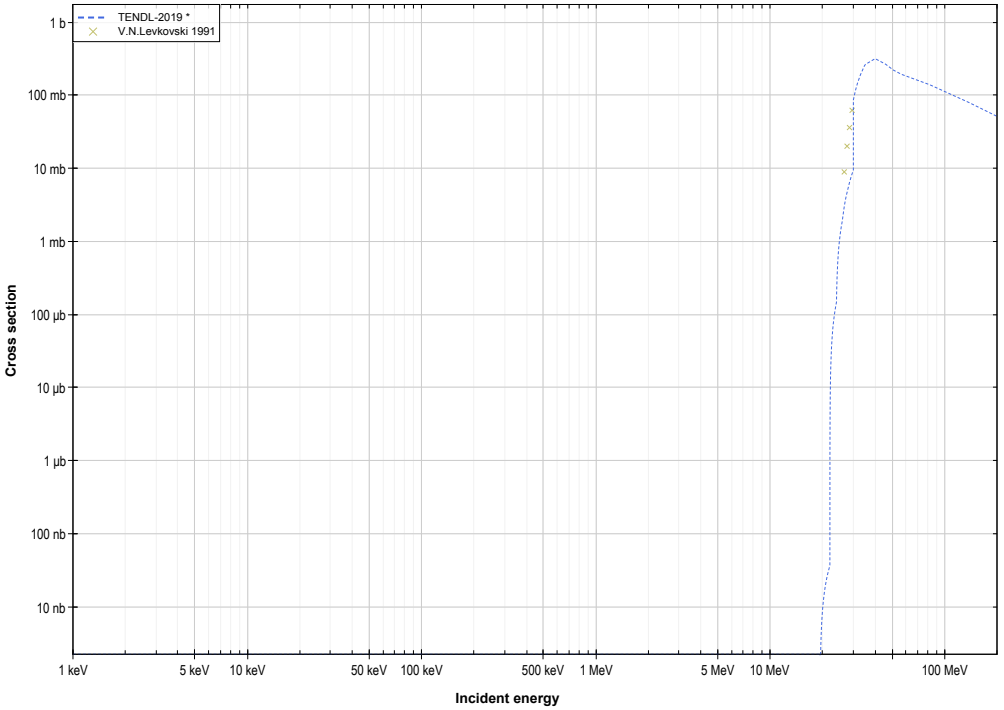
Cr50 (p,³He) or V48 production lin-log



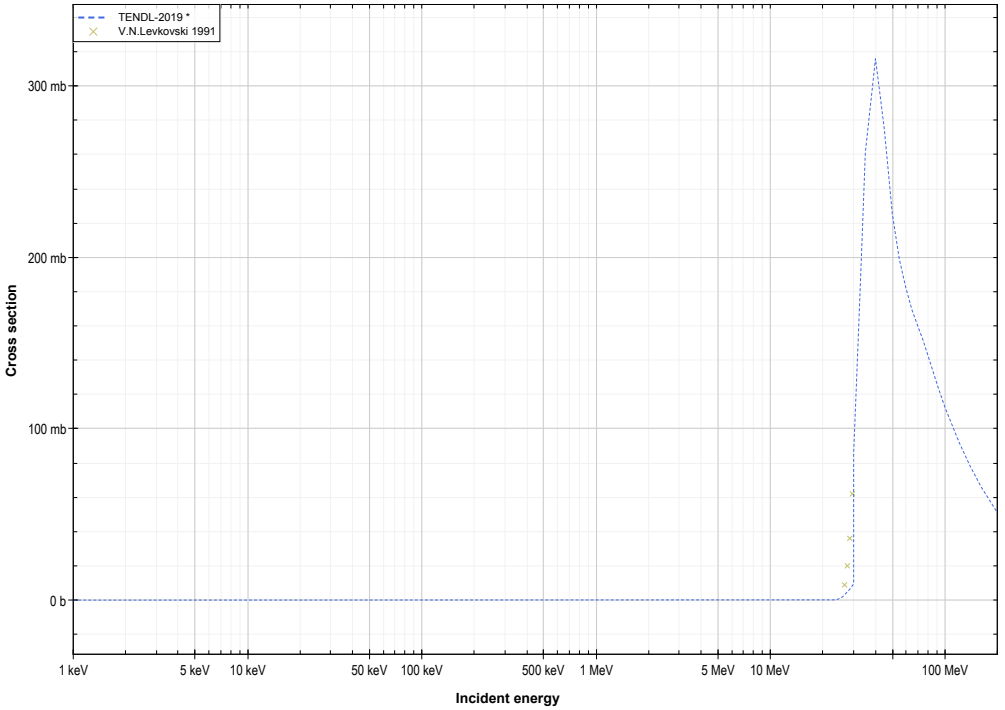
Reaction	Q-Value
Cr50(p,He3)V48	-13426.65 keV
Cr50(p,p+d)V48	-18920.12 keV
Cr50(p,n+2p)V48	-21144.69 keV

<< 22-Ti-46	**24-Cr-50**	26-Fe-56 >>
<< MT106 (p,³He)	**MT115 (p,p+d) or MT5 (V48 production)**	24-Cr-52 MT4 (p,n) >>

Cr50 (p,p+d) or V48 production log-log



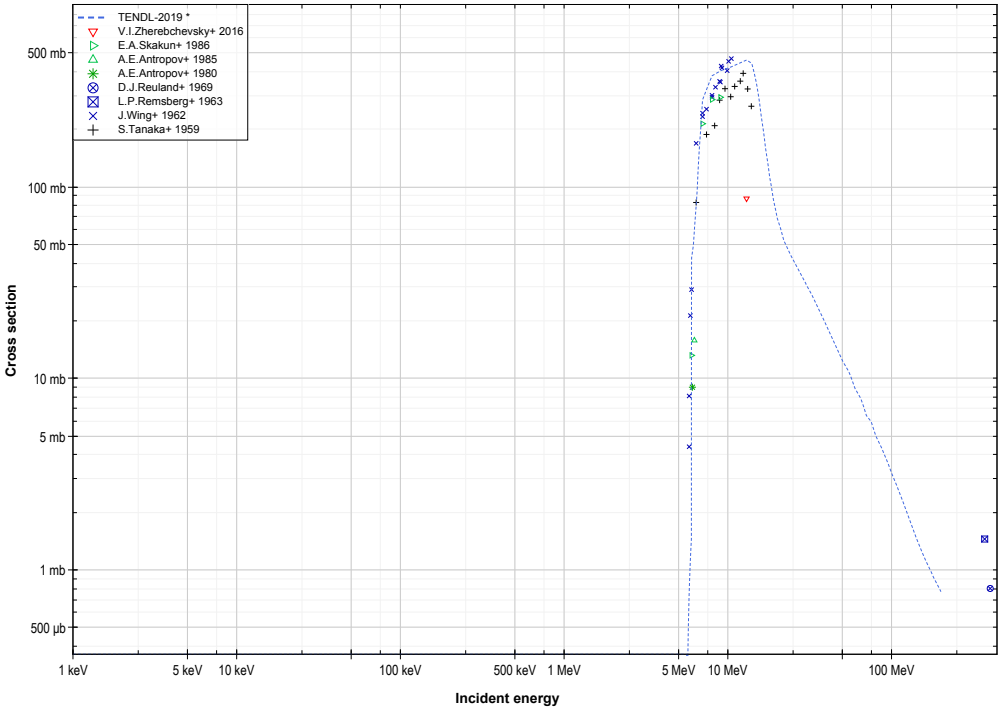
Cr50 (p,p+d) or V48 production lin-log



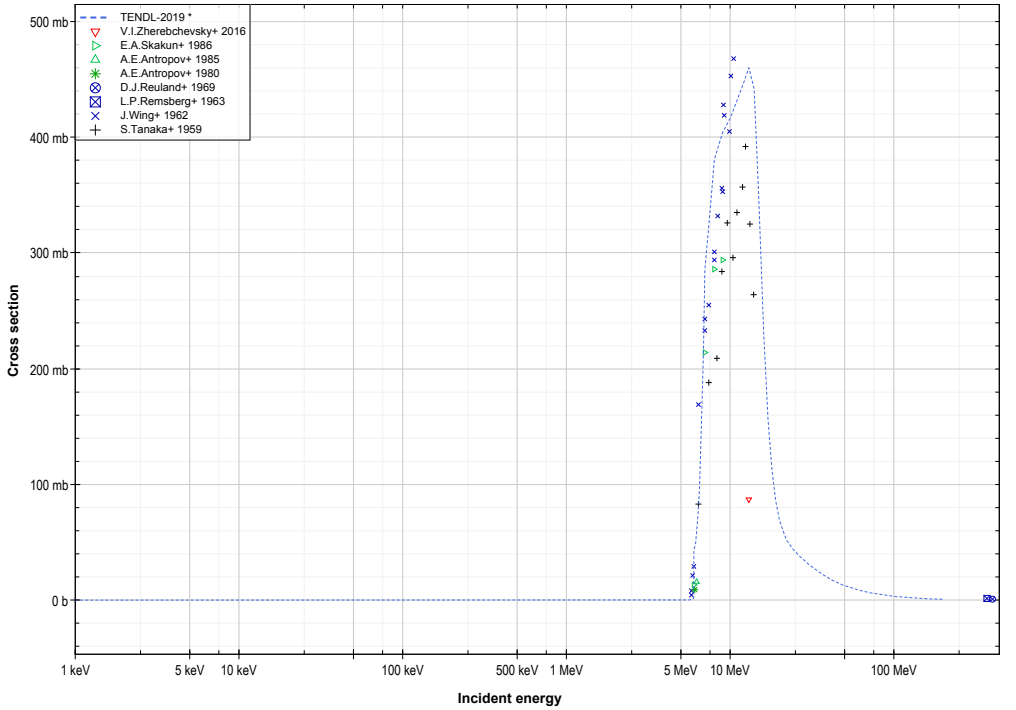
Reaction	Q-Value
Cr50(p,He3)V48	-13426.65 keV
Cr50(p,p+d)V48	-18920.12 keV
Cr50(p,n+2p)V48	-21144.69 keV

<< 24-Cr-50	**24-Cr-52**	24-Cr-53 >>
<< 24-Cr-50 MT115 (p,p+d)	**MT4 (p,n) or MT5 (Mn52 production)**	MT16 (p,2n) >>

Cr52 (p,n) or Mn52 production log-log



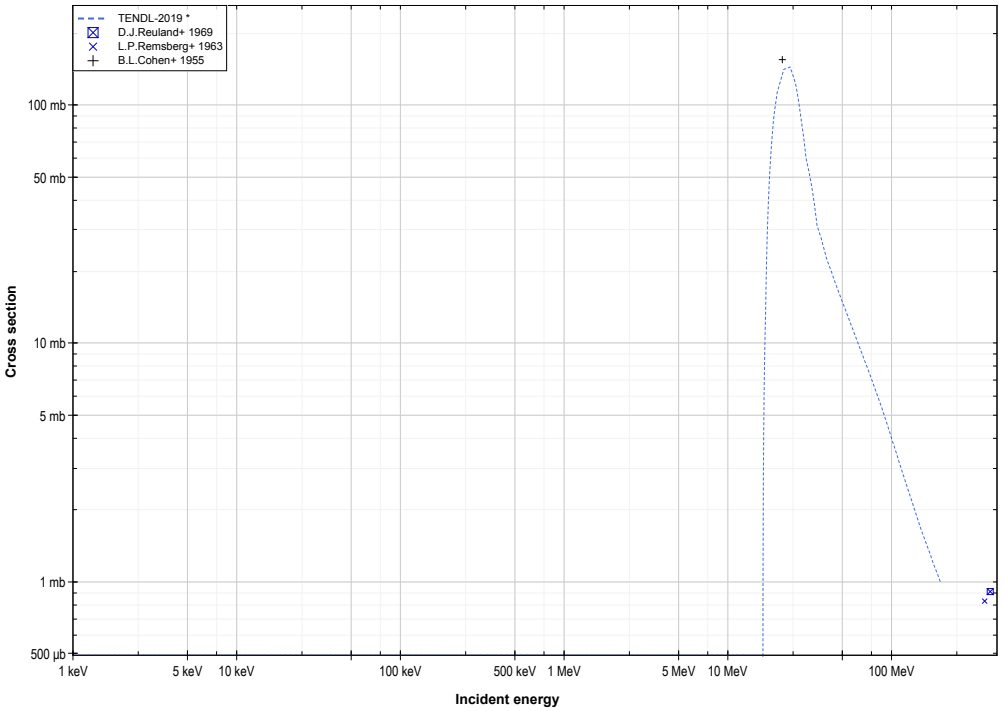
Cr52 (p,n) or Mn52 production lin-log



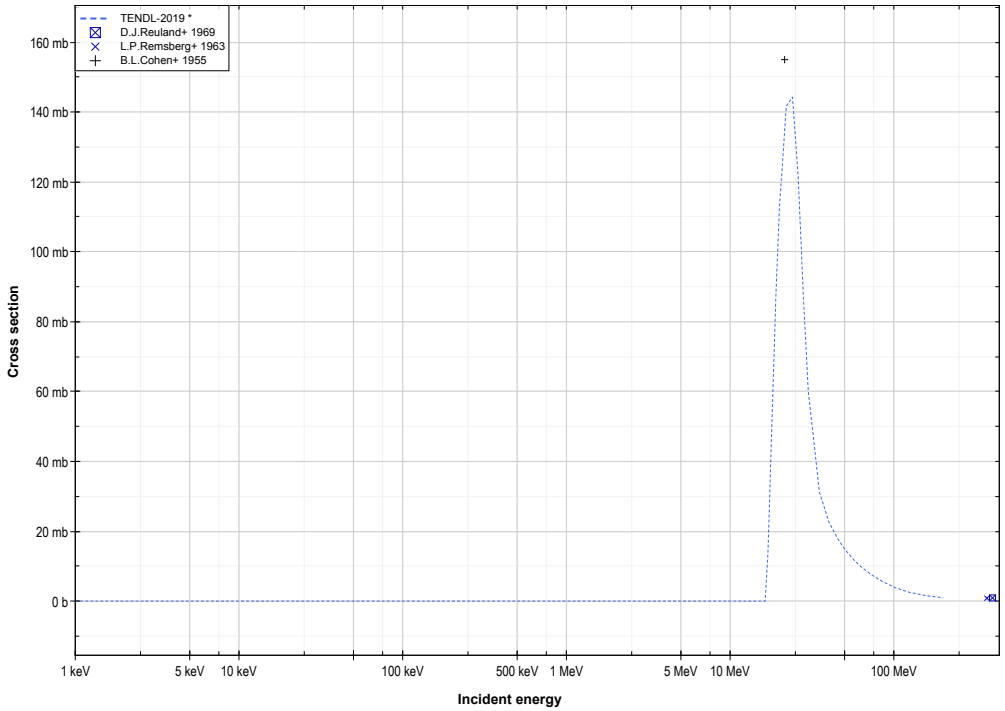
Reaction	Q-Value
Cr52(p,n)Mn52	-5494.25 keV

<< 22-Ti-49	**24-Cr-52**	24-Cr-53 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Mn51 production)**	MT22 (p,n+α) >>

Cr52 (p,2n) or Mn51 production log-log



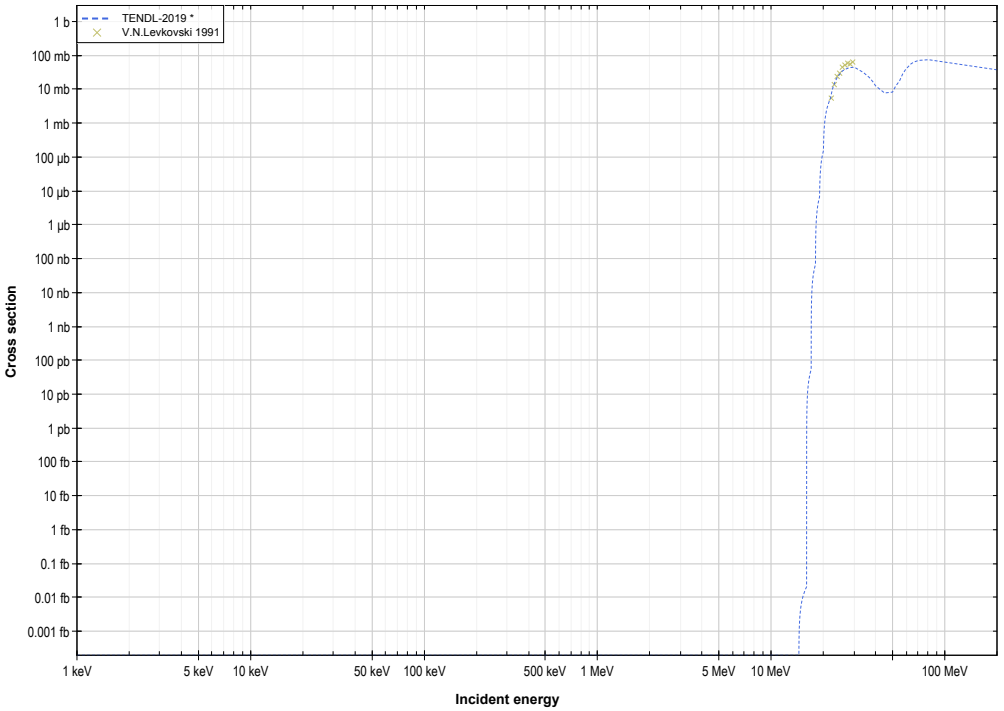
Cr52 (p,2n) or Mn51 production lin-log



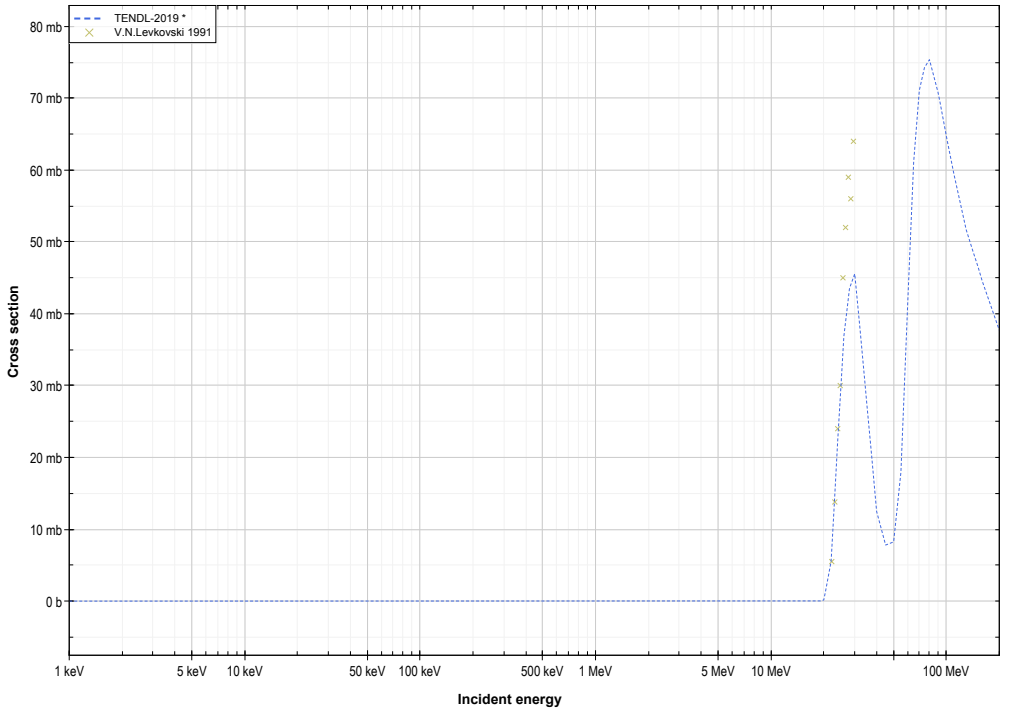
Reaction	Q-Value
Cr52(p,2n)Mn51	-16028.96 keV

<< 22-Ti-50	**24-Cr-52**	25-Mn-55 >>
<< MT16 (p,2n)	**MT22 (p,n+α) or MT5 (V48 production)**	MT28 (p,n+p) >>

Cr52 (p,n+α) or V48 production log-log



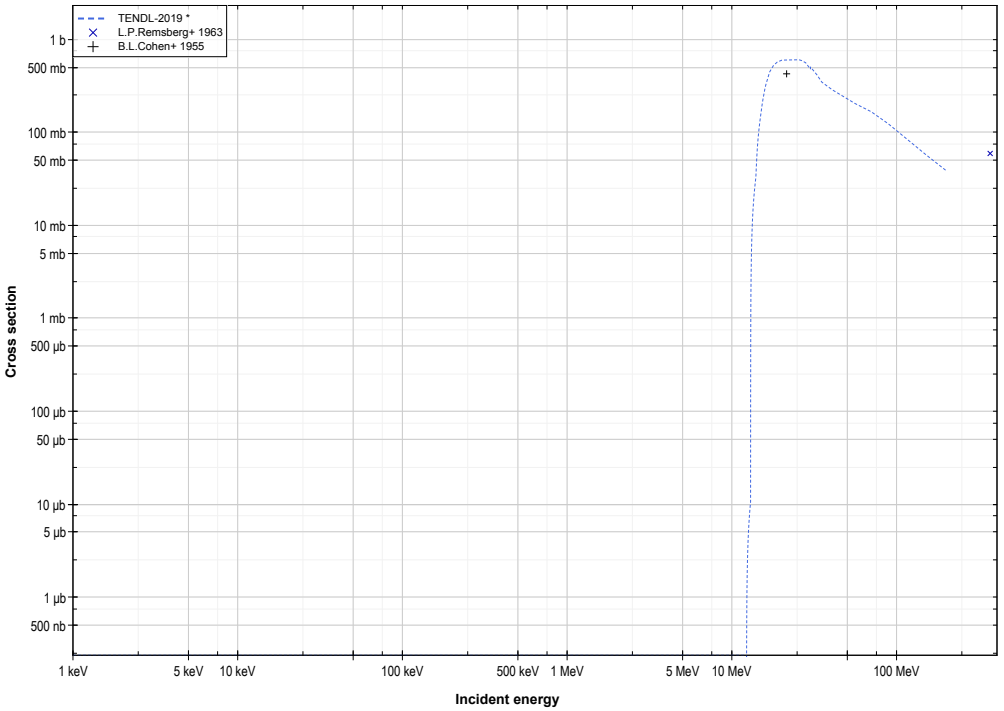
Cr52 (p,n+α) or V48 production lin-log



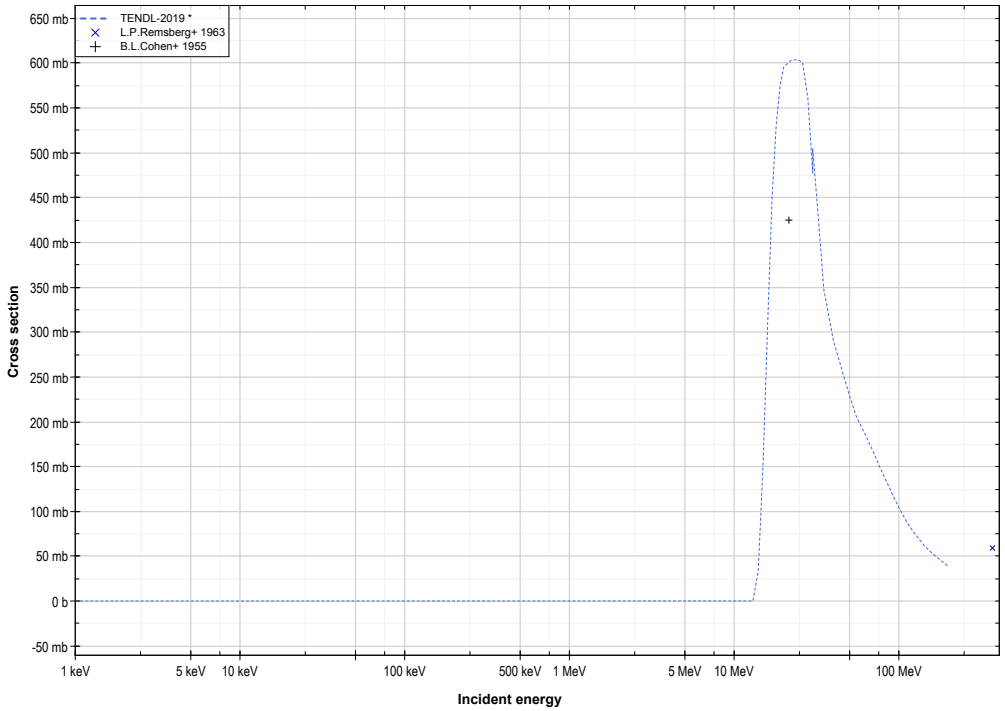
Reaction	Q-Value
Cr52(p,n+α)V48	-14148.76 keV
Cr52(p,d+t)V48	-31738.06 keV
Cr52(p,n+p+t)V48	-33962.63 keV
Cr52(p,2n+He3)V48	-34726.38 keV
Cr52(p,n+2d)V48	-37995.29 keV
Cr52(p,2n+p+d)V48	-40219.86 keV
Cr52(p,3n+2p)V48	-42444.42 keV

<< 24-Cr-50	**24-Cr-52**	25-Mn-55 >>
<< MT22 (p,n+α)	**MT28 (p,n+p) or MT5 (Cr51 production)**	MT42 (p,3n+p) >>

Cr52 (p,n+p) or Cr51 production log-log



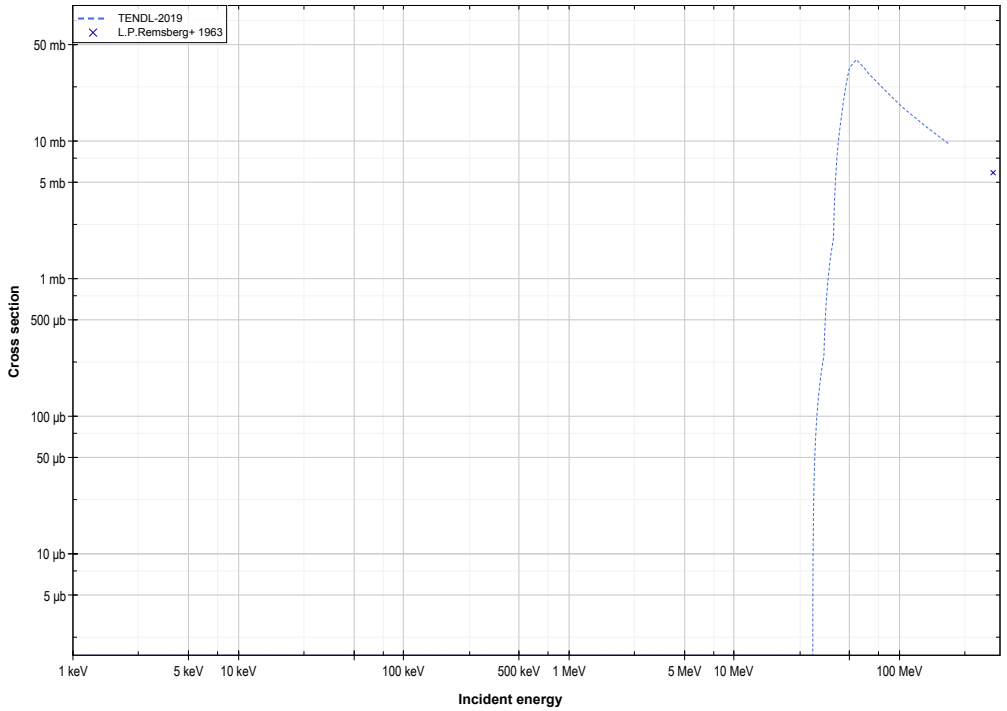
Cr52 (p,n+p) or Cr51 production lin-log



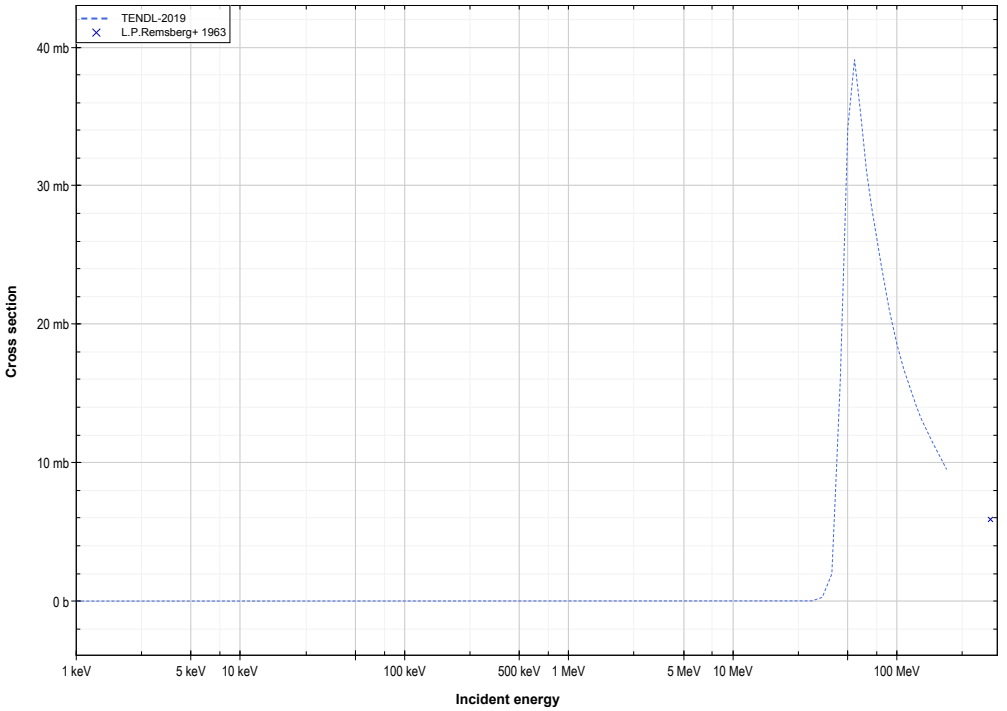
Reaction	Q-Value
Cr52(p,d)Cr51	-9814.55 keV
Cr52(p,n+p)Cr51	-12039.12 keV

<< 23-V-51	**24-Cr-52**	26-Fe-56 >>
<< MT28 (p,n+p)	**MT42 (p,3n+p) or MT5 (Cr49 production)**	MT102 (p,γ) >>

Cr52 (p,3n+p) or Cr49 production log-log



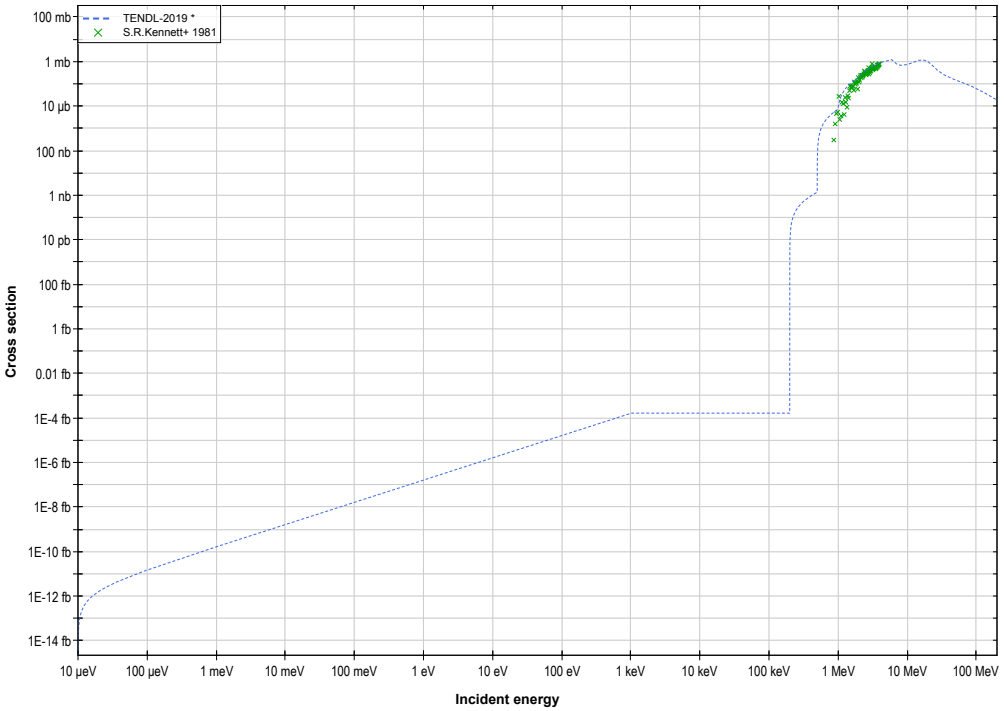
Cr52 (p,3n+p) or Cr49 production lin-log



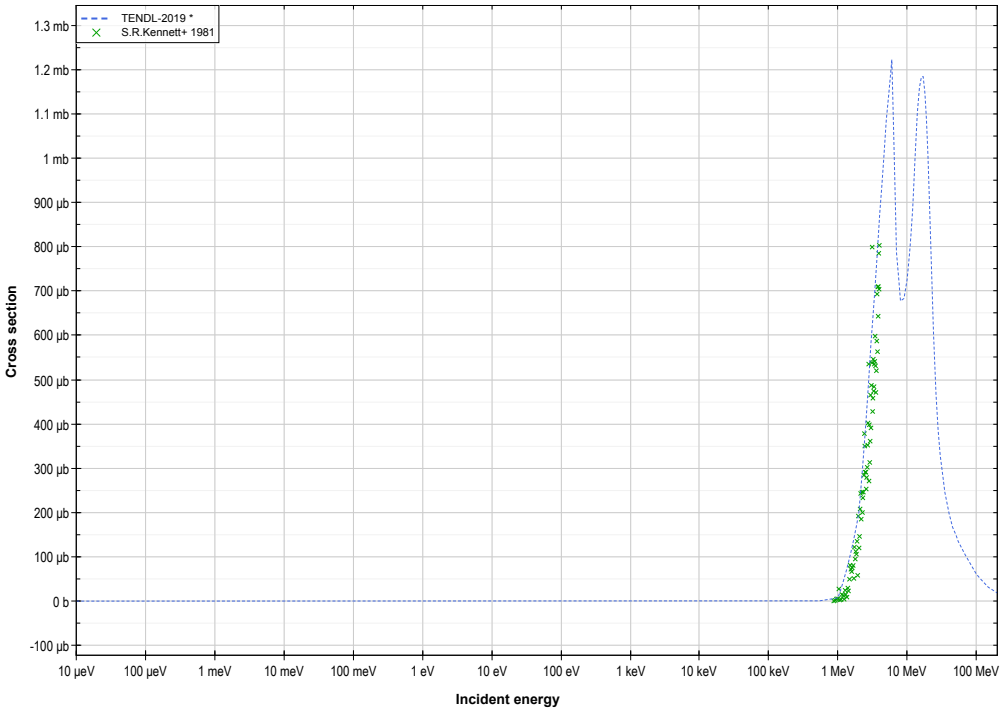
Reaction	Q-Value
Cr52(p,n+t)Cr49	-25818.26 keV
Cr52(p,2n+d)Cr49	-32075.49 keV
Cr52(p,3n+p)Cr49	-34300.05 keV

<< 24-Cr-50	**24-Cr-52**	24-Cr-54 >>
<< MT42 (p,3n+p)	**MT102 (p,γ) or MT5 (Mn53 production)**	MT104 (p,d) >>

Cr52 (p,γ) or Mn53 production log-log



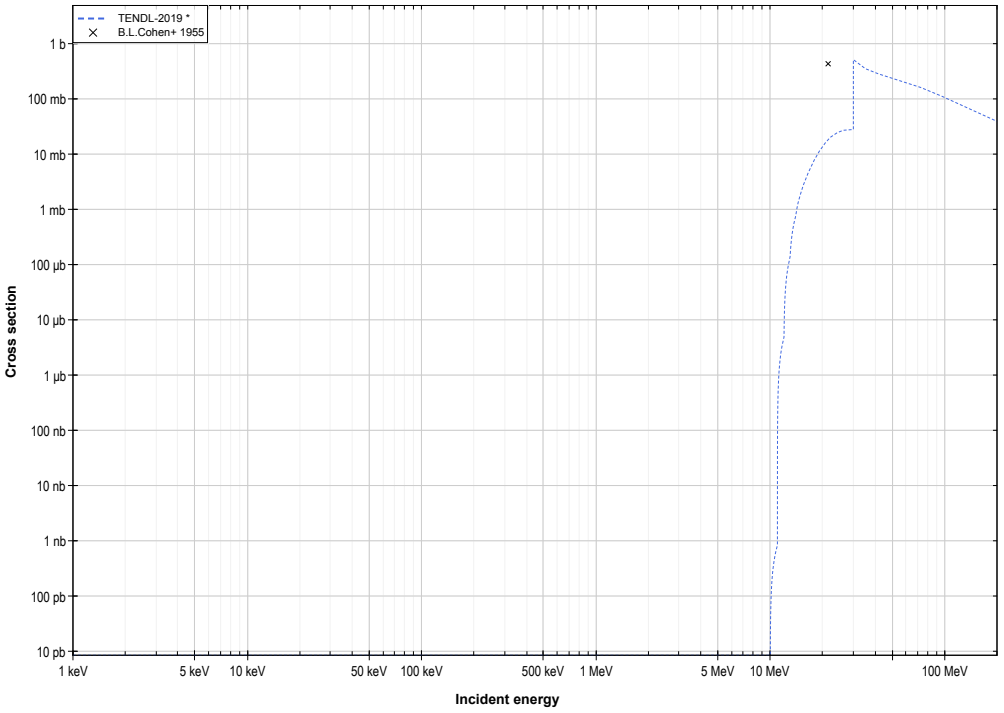
Cr52 (p,γ) or Mn53 production lin-log



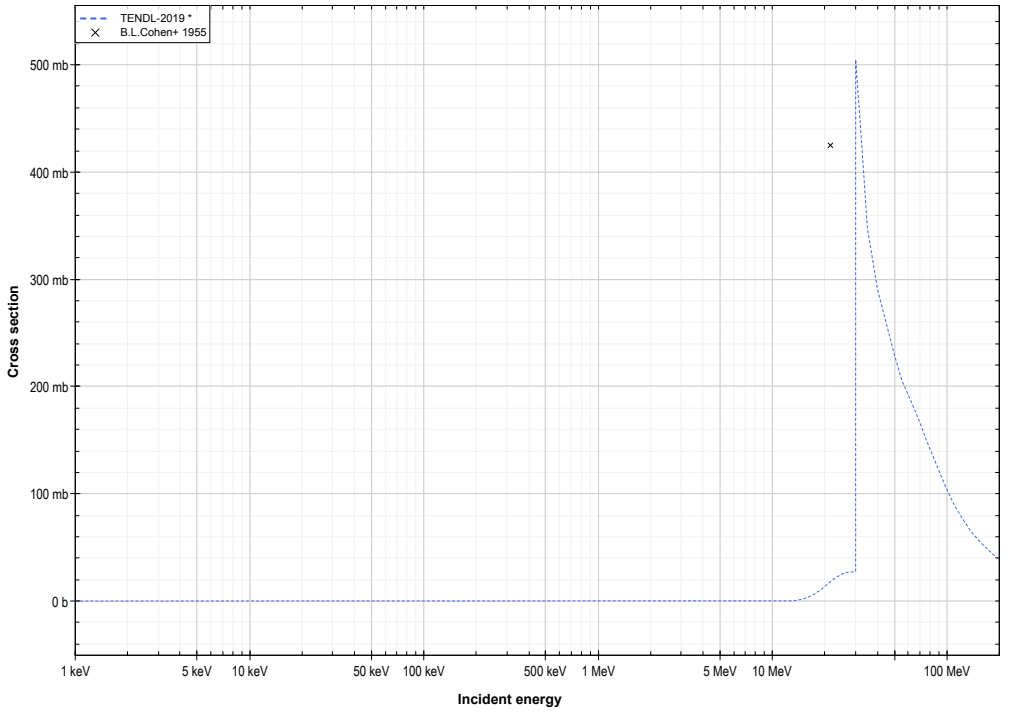
Reaction	Q-Value
Cr52(p,γ)Mn53	6559.87 keV

<< 22-Ti-46	**24-Cr-52**	25-Mn-55 >>
<< MT102 (p,γ)	**MT104 (p,d) or MT5 (Cr51 production)**	MT176 (p,2n+³He) >>

Cr52 (p,d) or Cr51 production log-log



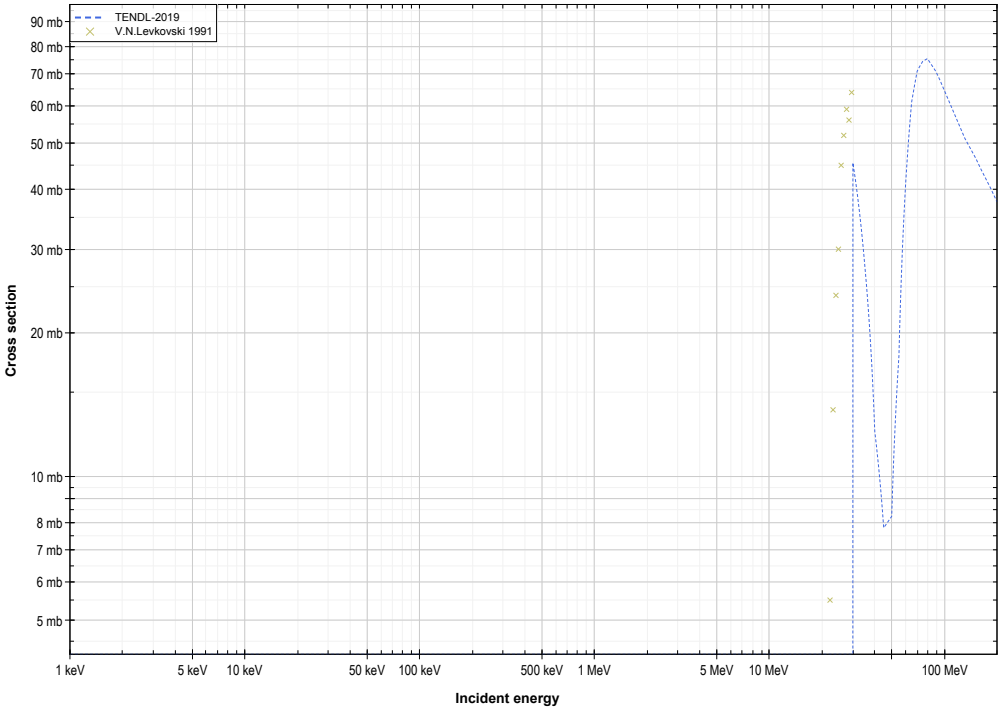
Cr52 (p,d) or Cr51 production lin-log



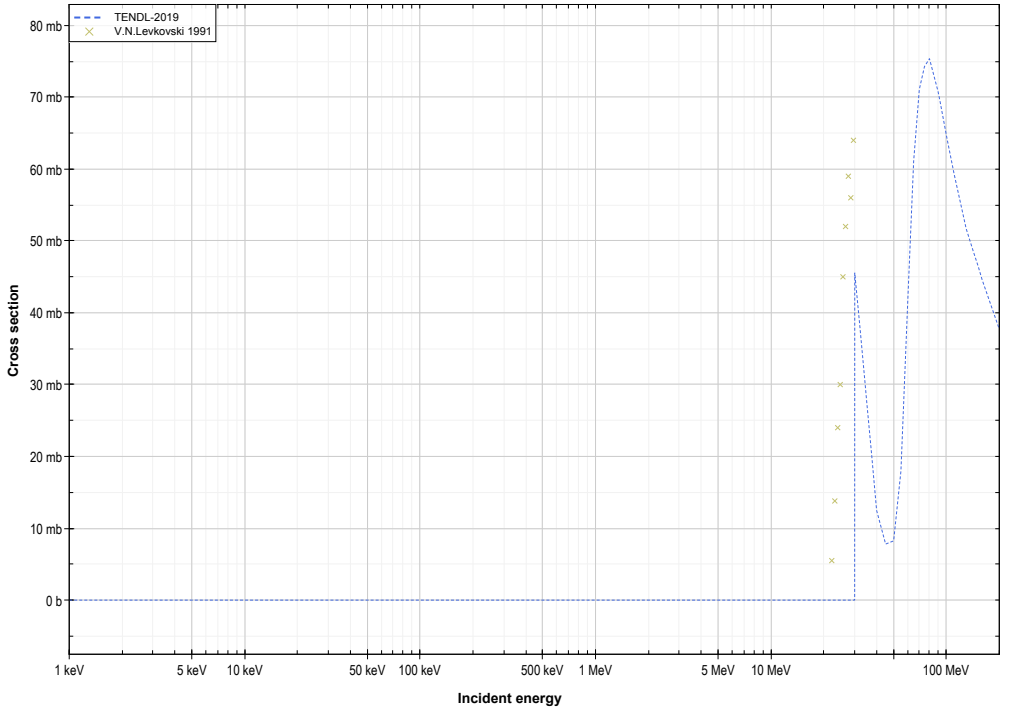
Reaction	Q-Value
Cr52(p,d)Cr51	-9814.55 keV
Cr52(p,n+p)Cr51	-12039.12 keV

<< 22-Ti-48	**24-Cr-52**	25-Mn-55 >>
<< MT104 (p,d)	**MT176 (p,2n+^{3}He) or MT5 (V48 production)**	MT179 (p,3n+2p) >>

Cr52 (p,2n+^{3}He) or V48 production log-log



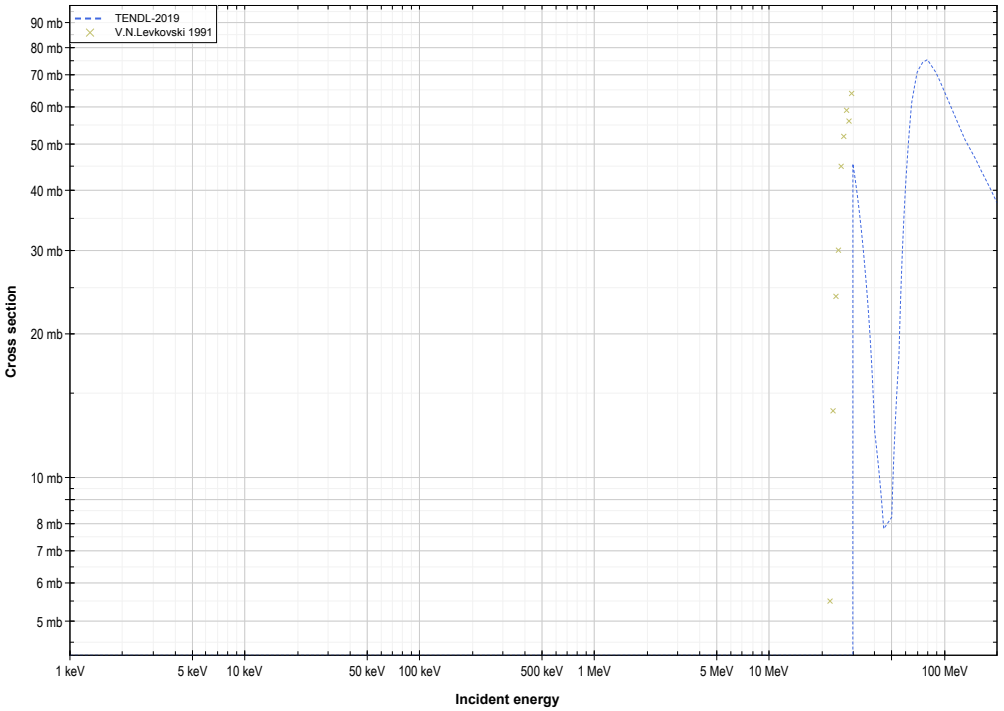
Cr52 (p,2n+^{3}He) or V48 production lin-log



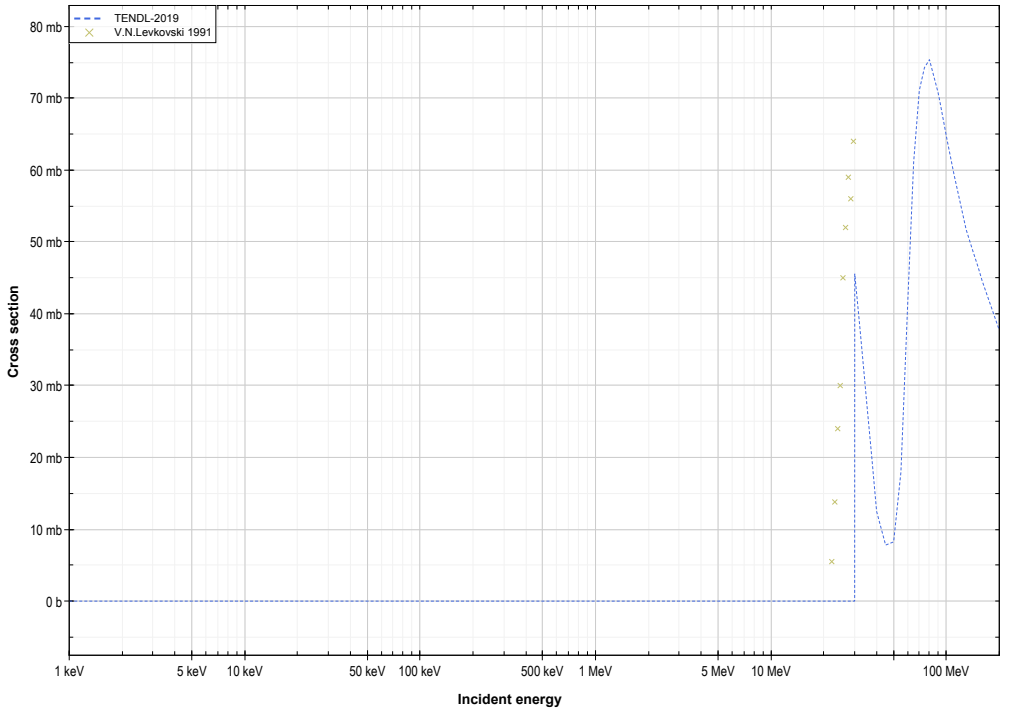
Reaction	Q-Value
Cr52(p,n+α)V48	-14148.76 keV
Cr52(p,d+t)V48	-31738.06 keV
Cr52(p,n+p+t)V48	-33962.63 keV
Cr52(p,2n+He3)V48	-34726.38 keV
Cr52(p,n+2d)V48	-37995.29 keV
Cr52(p,2n+p+d)V48	-40219.86 keV
Cr52(p,3n+2p)V48	-42444.42 keV

<< 22-Ti-48	**24-Cr-52**	25-Mn-55 >>
<< MT176 (p,2n+^{3}He)	**MT179 (p,3n+2p) or MT5 (V48 production)**	MT182 (p,d+t) >>

Cr52 (p,3n+2p) or V48 production log-log



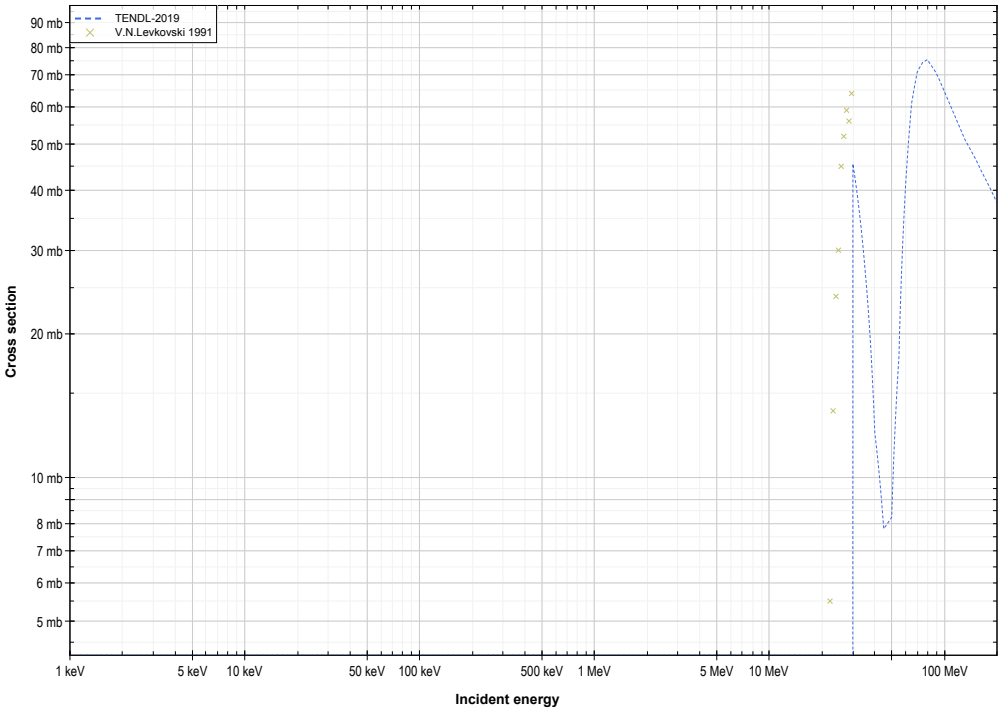
Cr52 (p,3n+2p) or V48 production lin-log



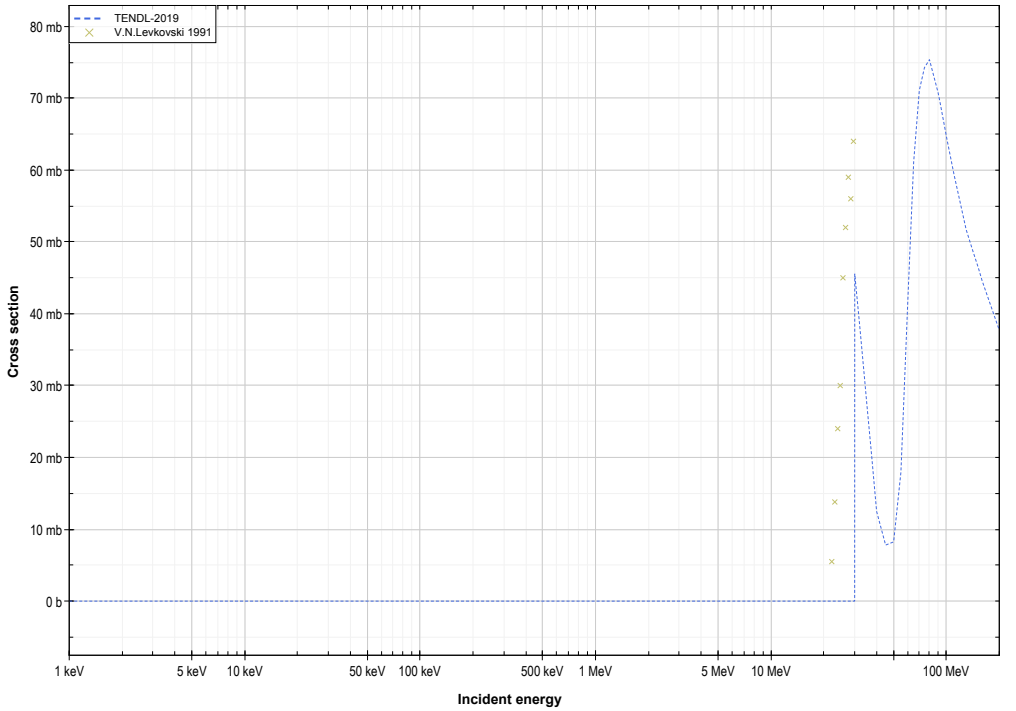
Reaction	Q-Value
Cr52(p,n+α)V48	-14148.76 keV
Cr52(p,d+t)V48	-31738.06 keV
Cr52(p,n+p+t)V48	-33962.63 keV
Cr52(p,2n+He3)V48	-34726.38 keV
Cr52(p,n+2d)V48	-37995.29 keV
Cr52(p,2n+p+d)V48	-40219.86 keV
Cr52(p,3n+2p)V48	-42444.42 keV

<< 22-Ti-48	**24-Cr-52**	25-Mn-55 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (V48 production)**	MT184 (p,n+p+t) >>

Cr52 (p,d+t) or V48 production log-log



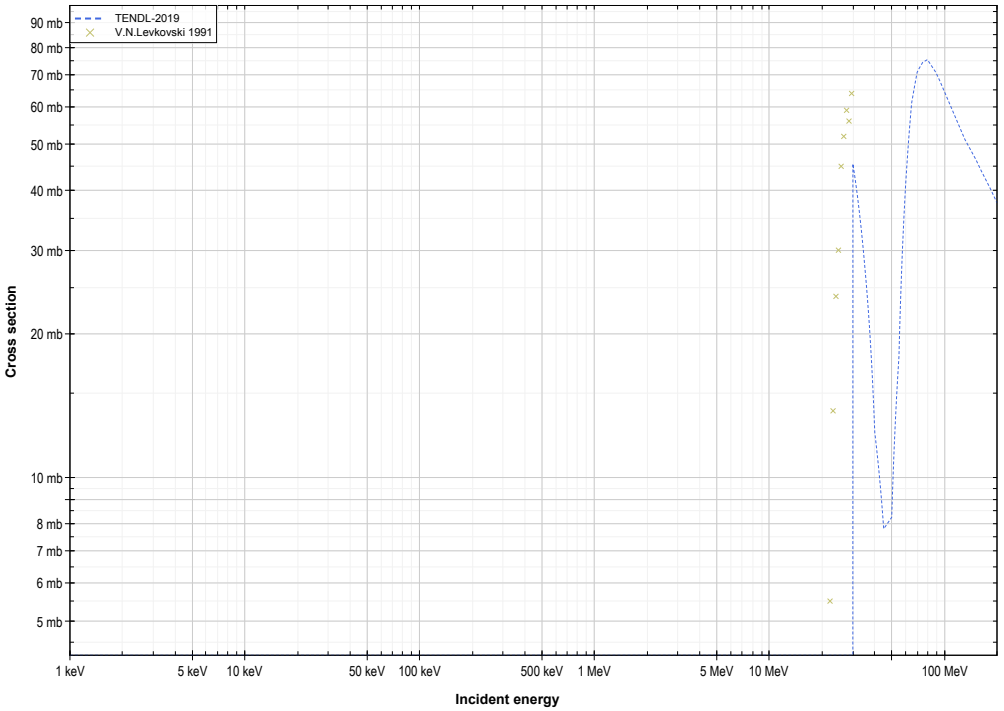
Cr52 (p,d+t) or V48 production lin-log



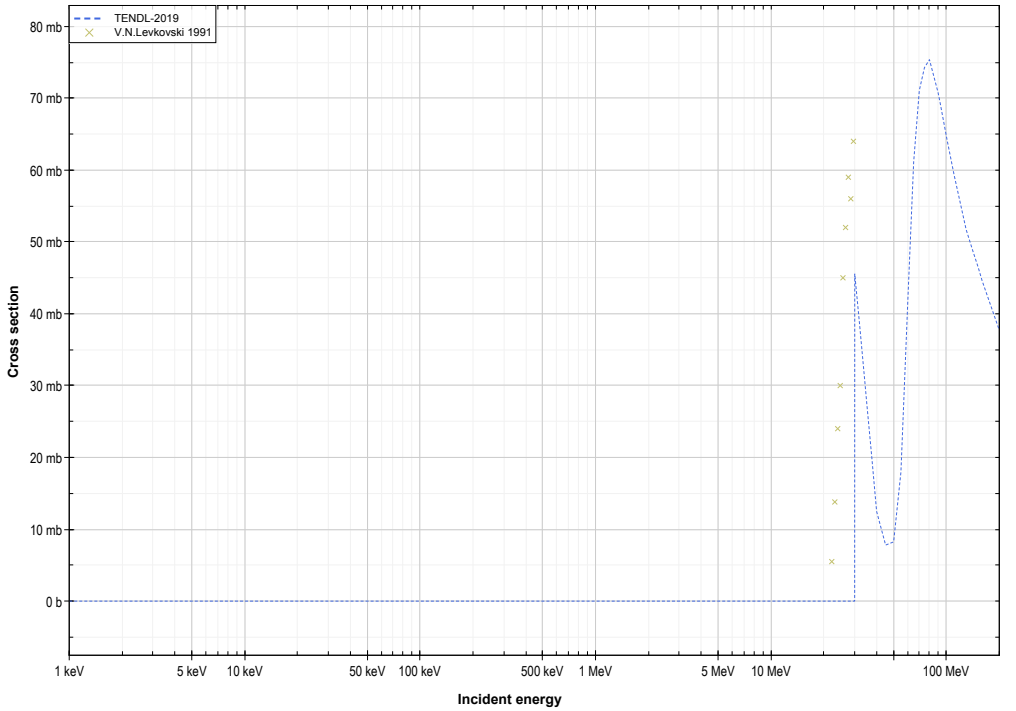
Reaction	Q-Value
Cr52(p,n+α)V48	-14148.76 keV
Cr52(p,d+t)V48	-31738.06 keV
Cr52(p,n+p+t)V48	-33962.63 keV
Cr52(p,2n+He3)V48	-34726.38 keV
Cr52(p,n+2d)V48	-37995.29 keV
Cr52(p,2n+p+d)V48	-40219.86 keV
Cr52(p,3n+2p)V48	-42444.42 keV

<< 22-Ti-48	**24-Cr-52**	25-Mn-55 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (V48 production)**	24-Cr-53 MT4 (p,n) >>

Cr52 (p,n+p+t) or V48 production log-log



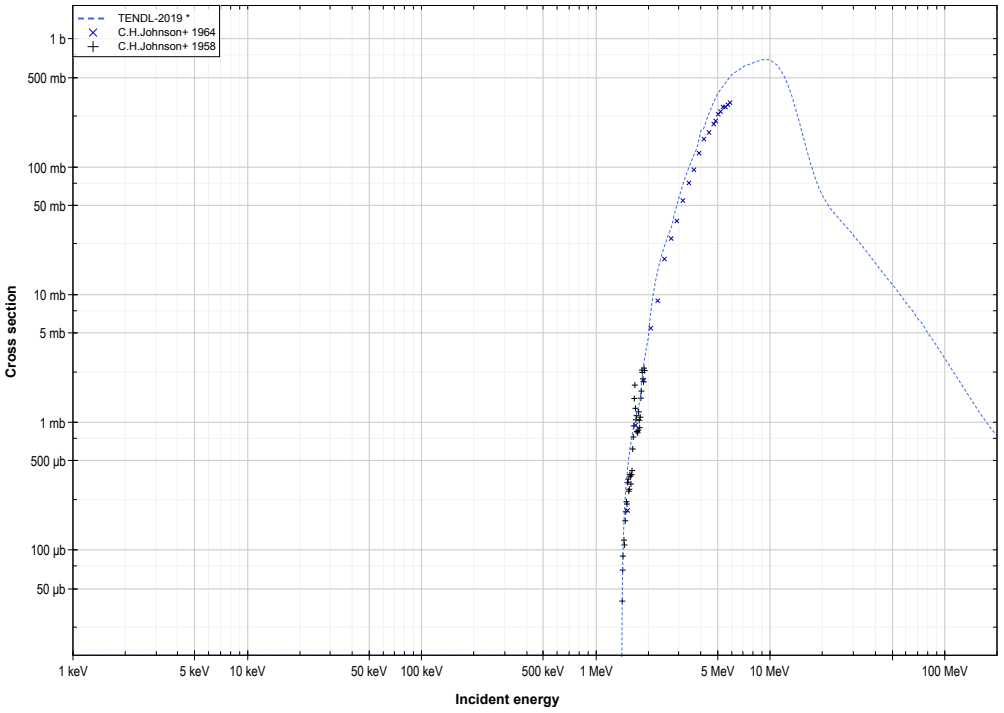
Cr52 (p,n+p+t) or V48 production lin-log



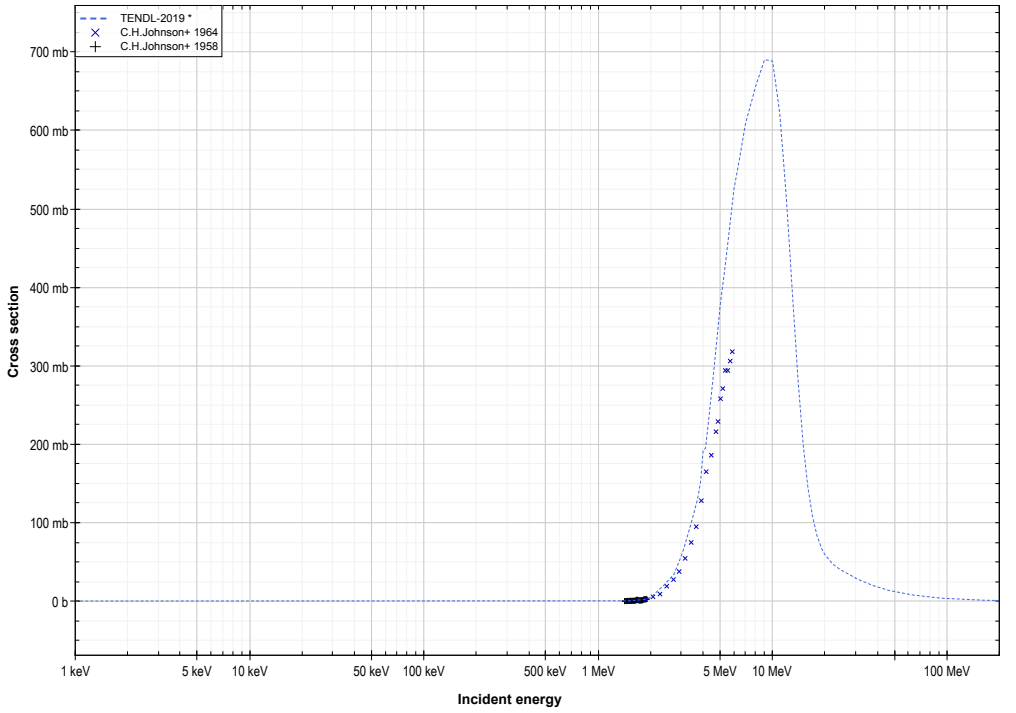
Reaction	Q-Value
Cr52(p,n+α)V48	-14148.76 keV
Cr52(p,d+t)V48	-31738.06 keV
Cr52(p,n+p+t)V48	-33962.63 keV
Cr52(p,2n+He3)V48	-34726.38 keV
Cr52(p,n+2d)V48	-37995.29 keV
Cr52(p,2n+p+d)V48	-40219.86 keV
Cr52(p,3n+2p)V48	-42444.42 keV

<< 24-Cr-52	**24-Cr-53**	24-Cr-54 >>
<< 24-Cr-52 MT184 (p,n+p+t)	**MT4 (p,n) or MT5 (Mn53 production)**	MT16 (p,2n) >>

Cr53 (p,n) or Mn53 production log-log



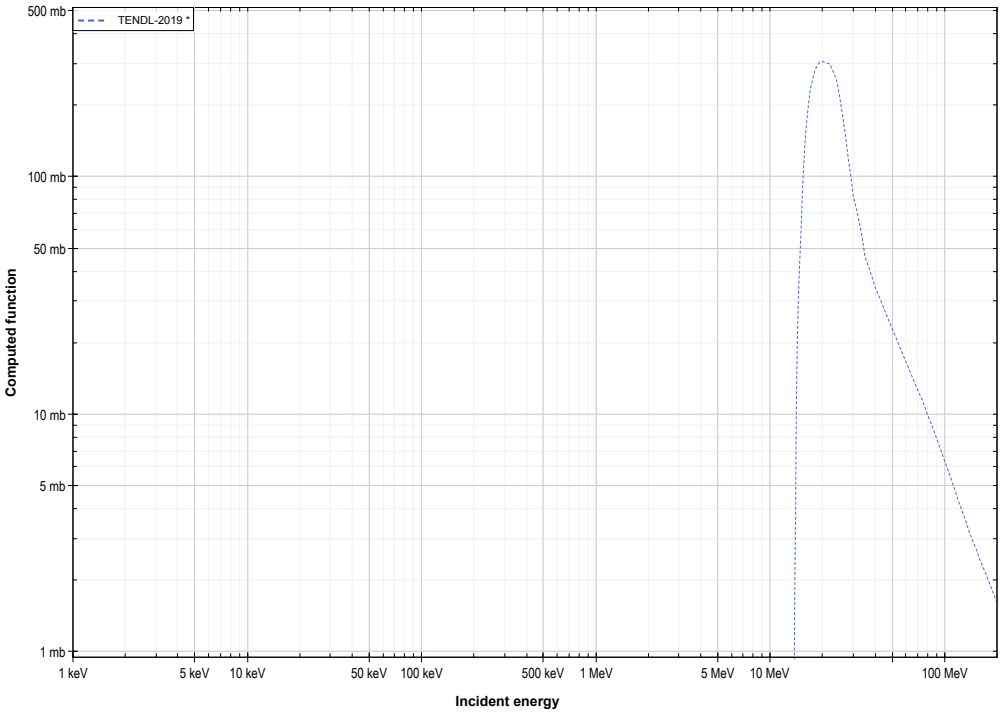
Cr53 (p,n) or Mn53 production lin-log



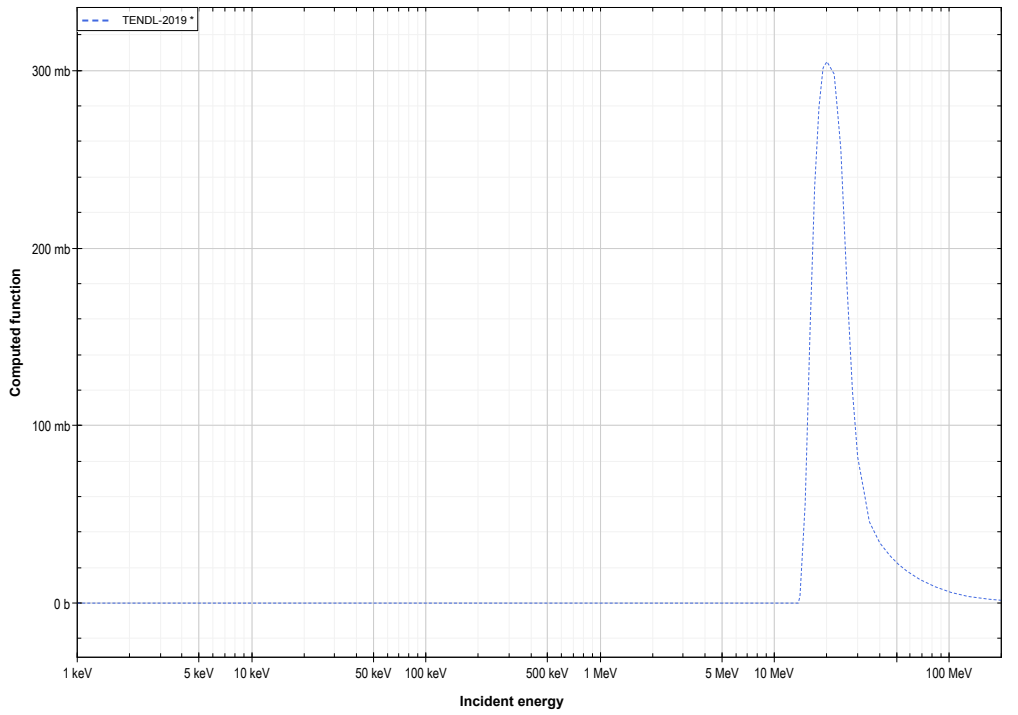
Reaction	Q-Value
Cr53(p,n)Mn53	-1379.25 keV

<< 24-Cr-52	**24-Cr-53**	26-Fe-56 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Mn52 production)**	24-Cr-54 MT4 (p,n) >>

Cr53 (p,2n) or Mn52 production log-log



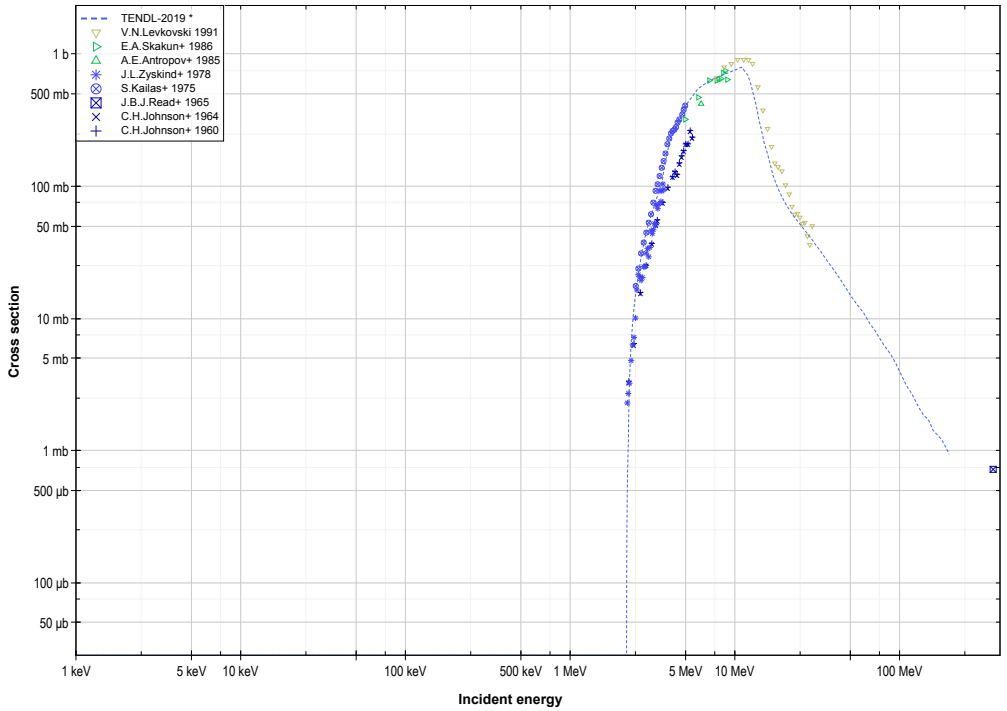
Cr53 (p,2n) or Mn52 production lin-log



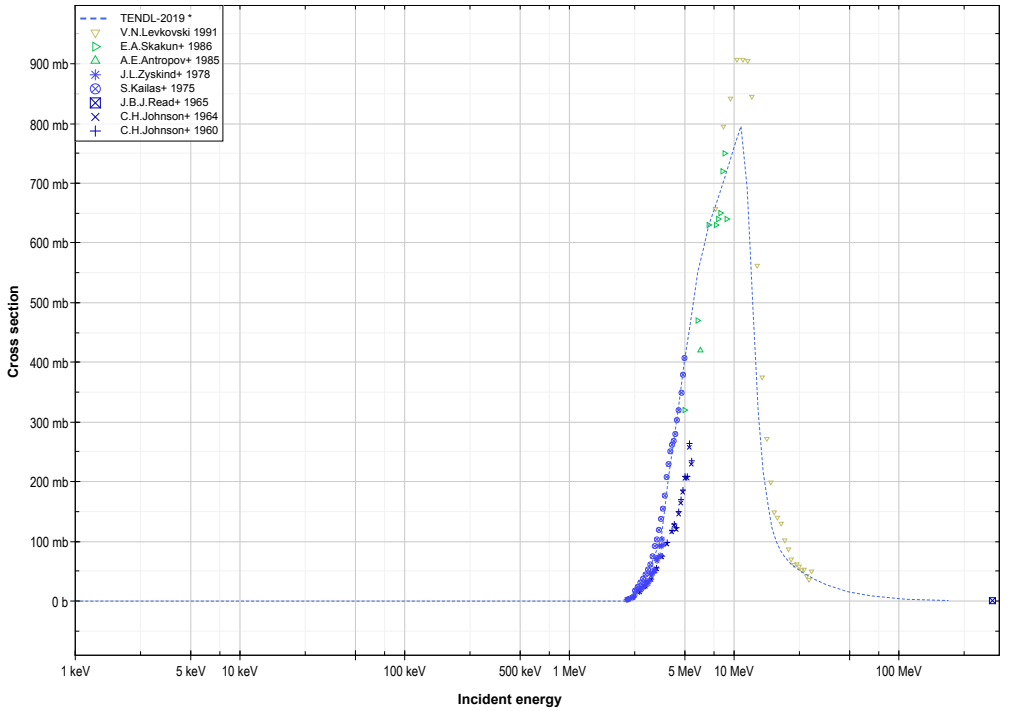
Reaction	Q-Value
Cr53(p,2n)Mn52	-13433.36 keV

<< 24-Cr-53	**24-Cr-54**	25-Mn-55 >>
<< 24-Cr-53 MT16 (p,2n)	**MT4 (p,n) or MT5 (Mn54 production)**	MT102 (p,γ) >>

Cr54 (p,n) or Mn54 production log-log



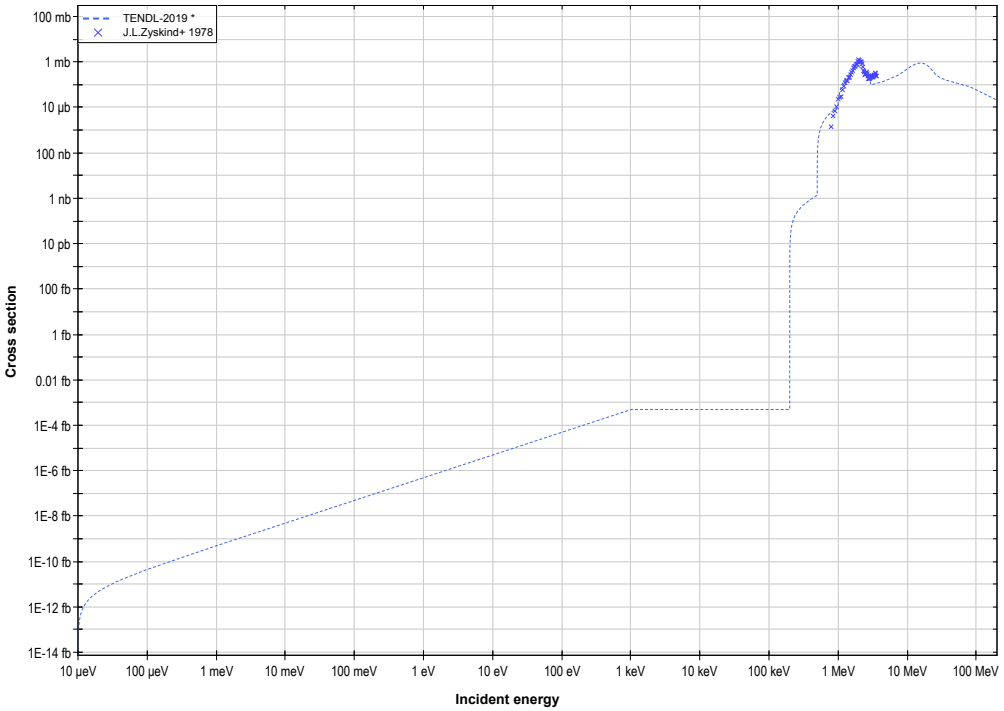
Cr54 (p,n) or Mn54 production lin-log



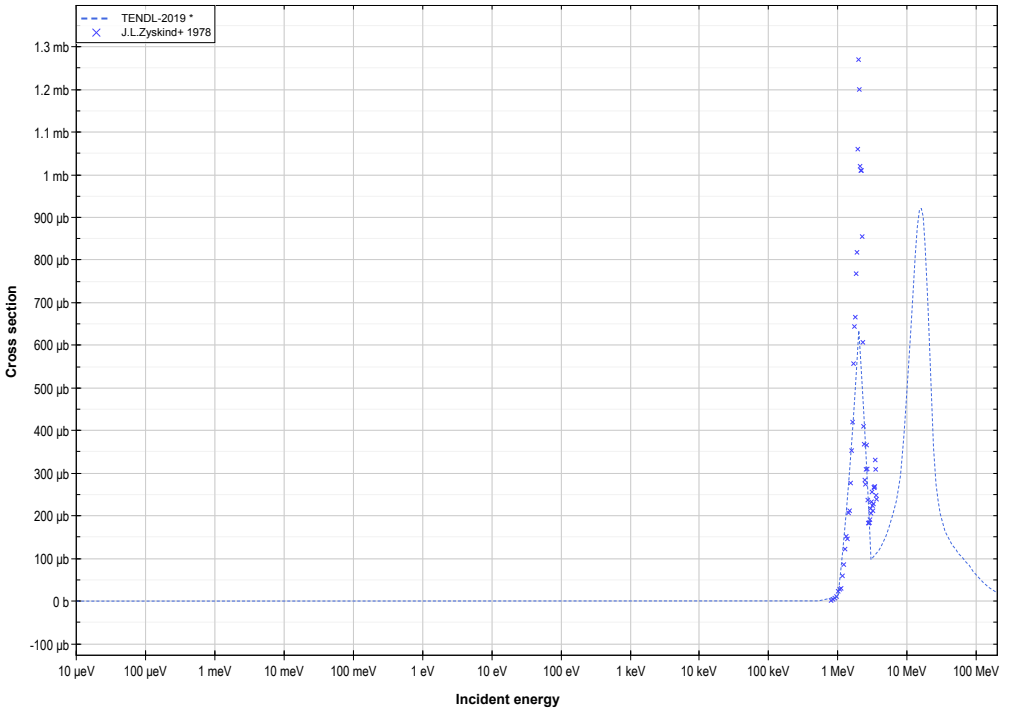
Reaction	Q-Value
Cr54(p,n)Mn54	-2159.55 keV

<< 24-Cr-52	**24-Cr-54**	25-Mn-55 >>
<< MT4 (p,n)	**MT102 (p,γ) or MT5 (Mn55 production)**	25-Mn-55 MT4 (p,n) >>

Cr54 (p,γ) or Mn55 production log-log



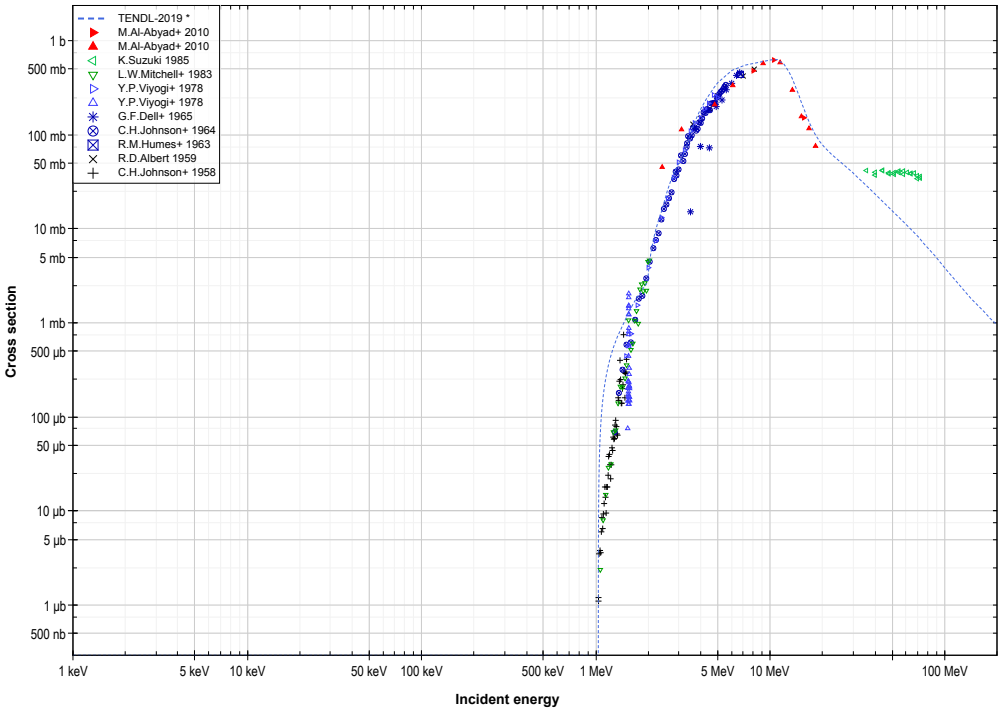
Cr54 (p,γ) or Mn55 production lin-log



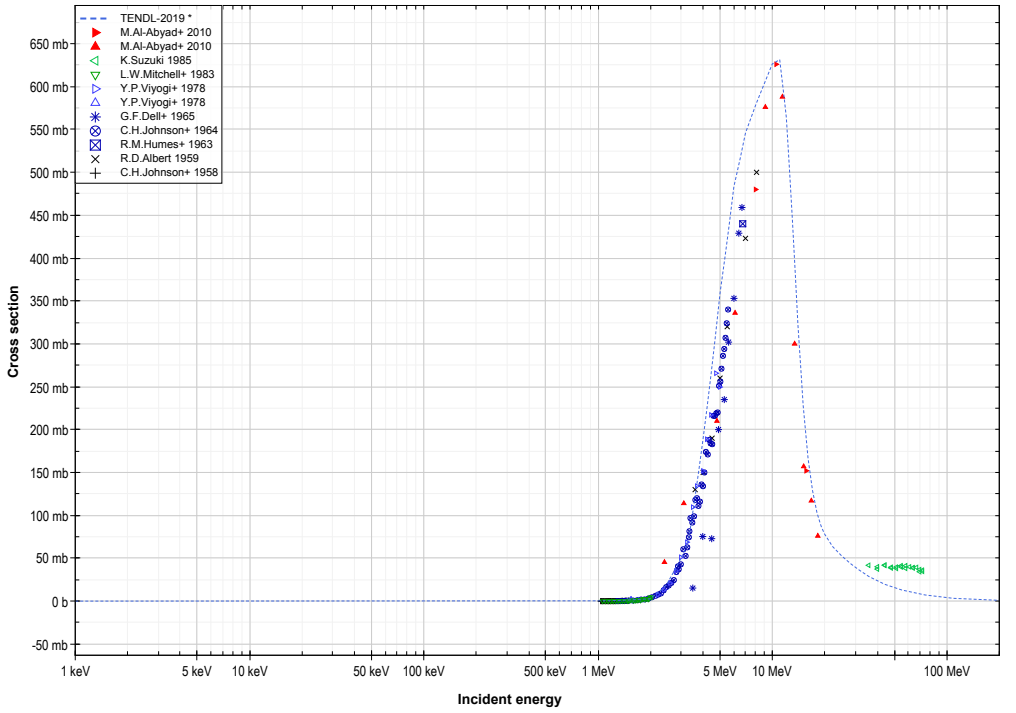
Reaction	Q-Value
Cr54(p,γ)Mn55	8066.57 keV

<< 24-Cr-54	**25-Mn-55**	26-Fe-56 >>
<< 24-Cr-54 MT102 (p,γ)	**MT4 (p,n) or MT5 (Fe55 production)**	MT17 (p,3n) >>

Mn55 (p,n) or Fe55 production log-log



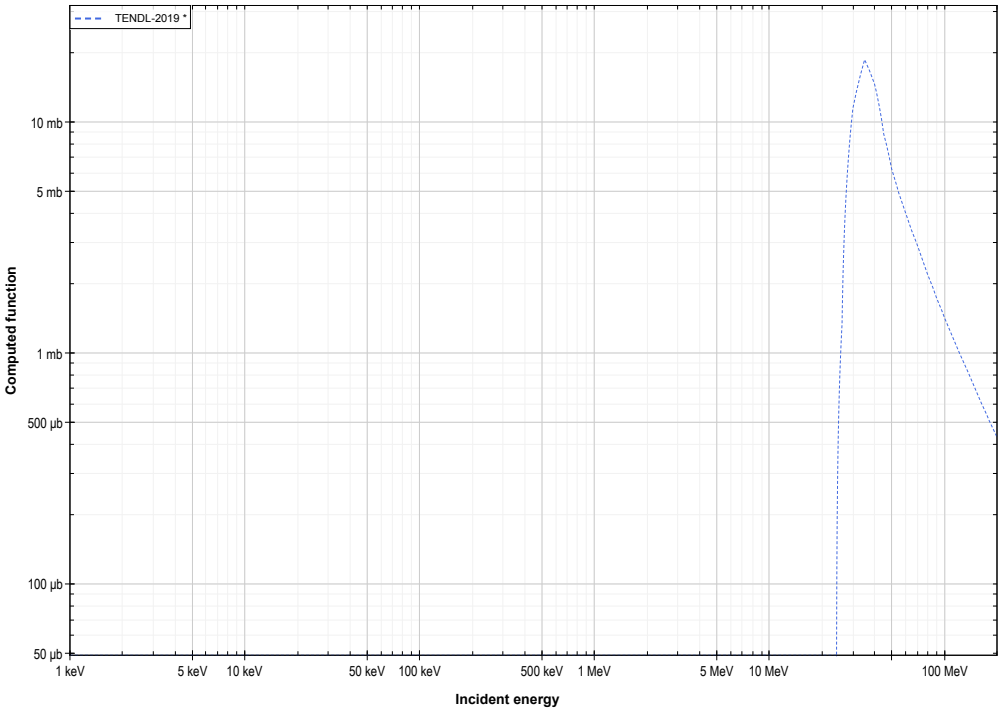
Mn55 (p,n) or Fe55 production lin-log



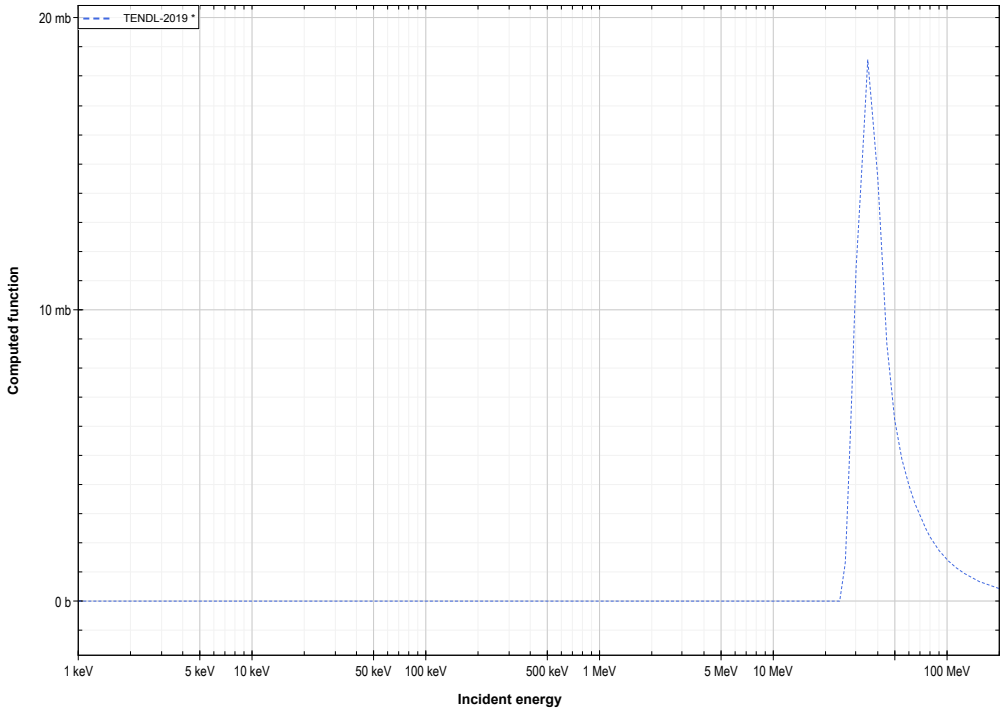
Reaction	Q-Value
Mn55(p,n)Fe55	-1013.45 keV

<< 23-V-51	**25-Mn-55**	26-Fe-57 >>
<< MT4 (p,n)	**MT17 (p,3n) or MT5 (Fe53 production)**	MT22 (p,n+α) >>

Mn55 (p,3n) or Fe53 production log-log



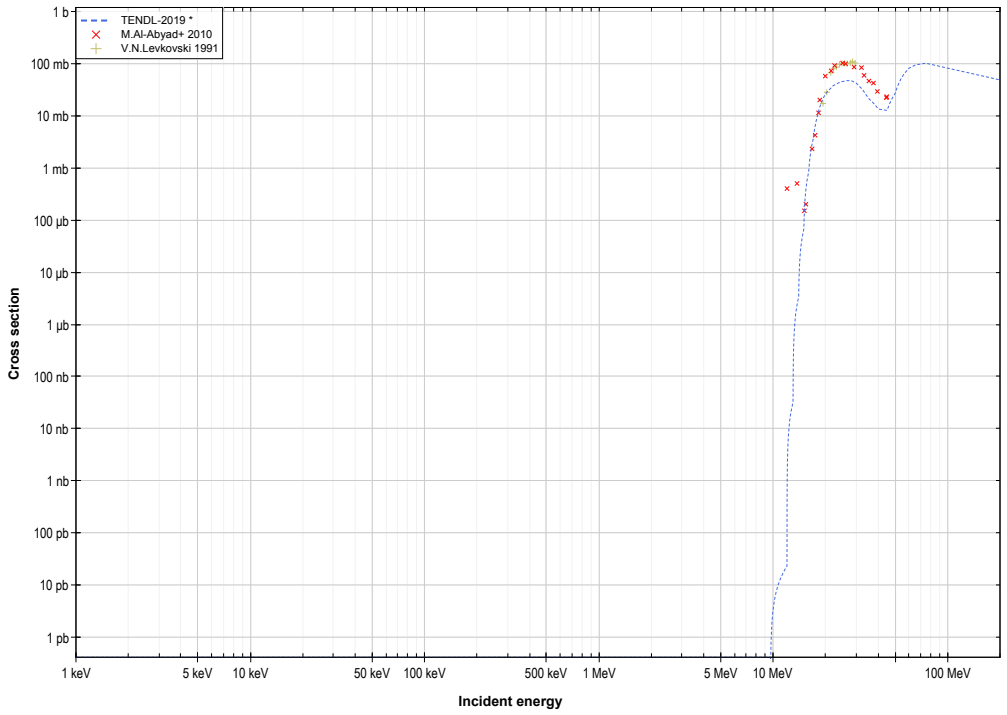
Mn55 (p,3n) or Fe53 production lin-log



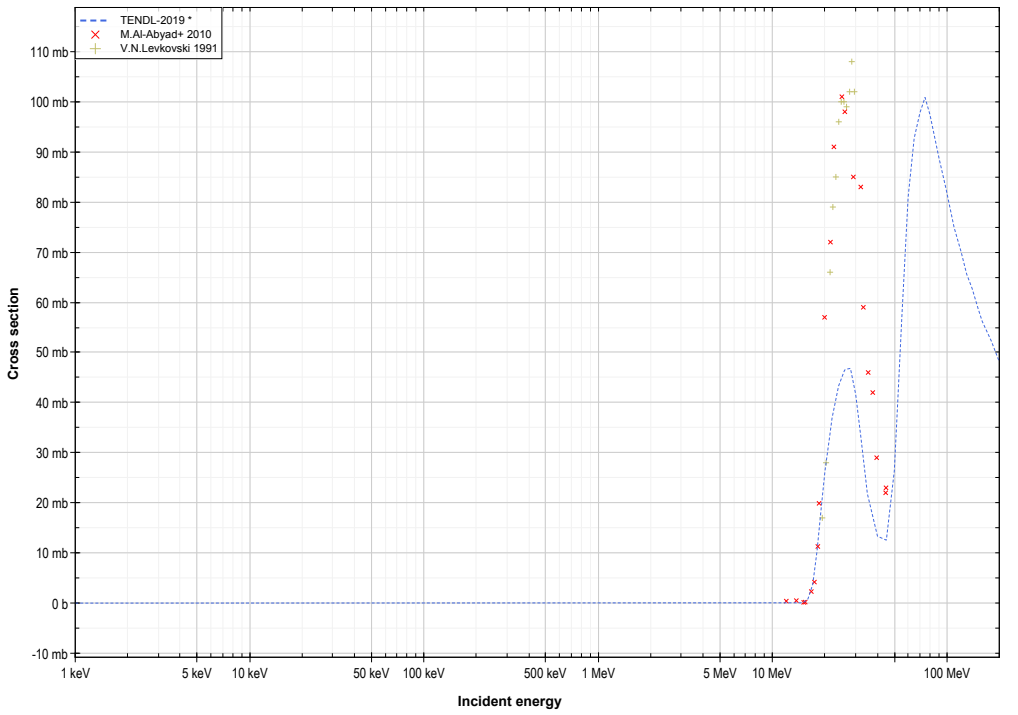
Reaction	Q-Value
Mn55(p,3n)Fe53	-23689.88 keV

<< 24-Cr-52	**25-Mn-55**	26-Fe-56 >>
<< MT17 (p,3n)	**MT22 (p,n+α) or MT5 (Cr51 production)**	MT28 (p,n+p) >>

Mn55 (p,n+α) or Cr51 production log-log



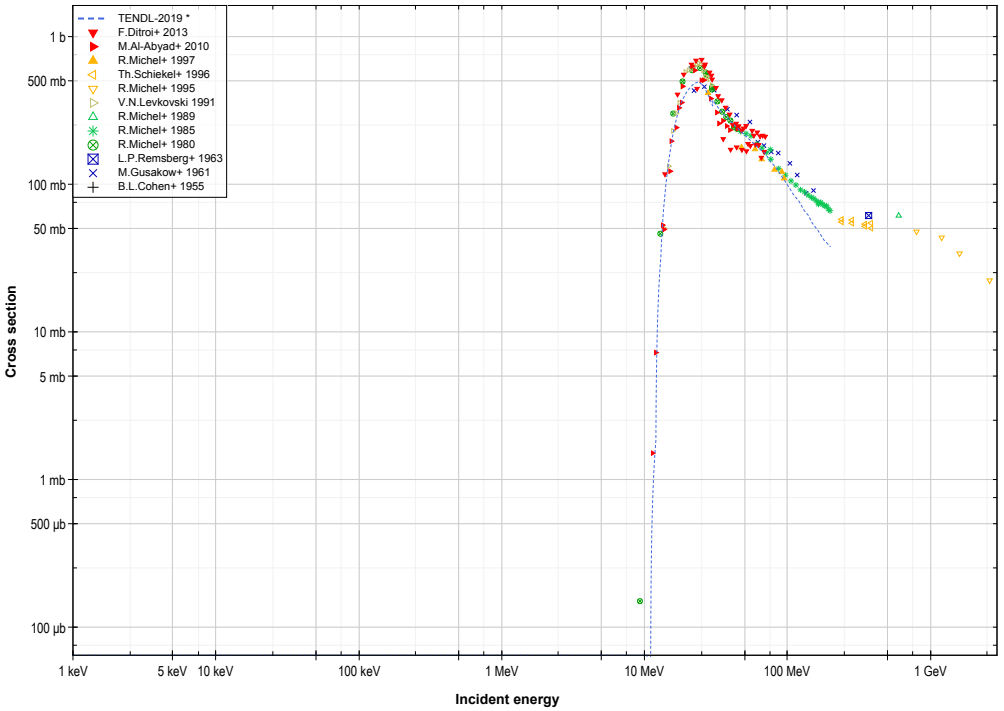
Mn55 (p,n+α) or Cr51 production lin-log



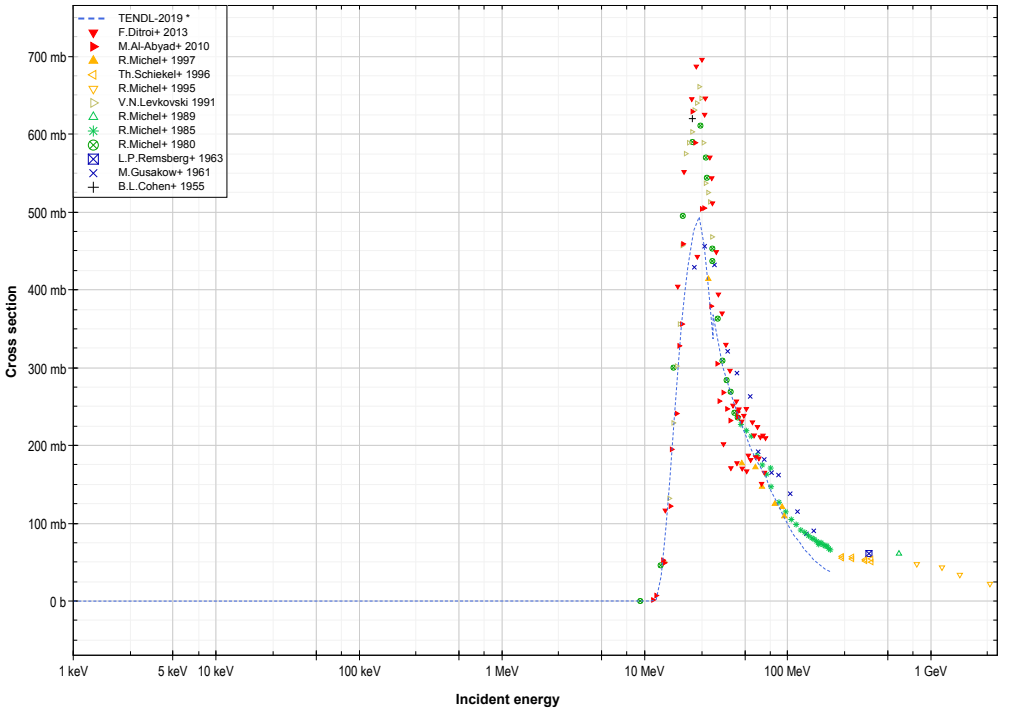
Reaction	Q-Value
Mn55(p,n+α)Cr51	-9468.26 keV
Mn55(p,d+t)Cr51	-27057.56 keV
Mn55(p,n+p+t)Cr51	-29282.13 keV
Mn55(p,2n+He3)Cr51	-30045.88 keV
Mn55(p,n+2d)Cr51	-33314.79 keV
Mn55(p,2n+p+d)Cr51	-35539.36 keV
Mn55(p,3n+2p)Cr51	-37763.92 keV

<< 24-Cr-52	**25-Mn-55**	26-Fe-54 >>
<< MT22 (p,n+α)	**MT28 (p,n+p) or MT5 (Mn54 production)**	MT37 (p,4n) >>

Mn55 (p,n+p) or Mn54 production log-log



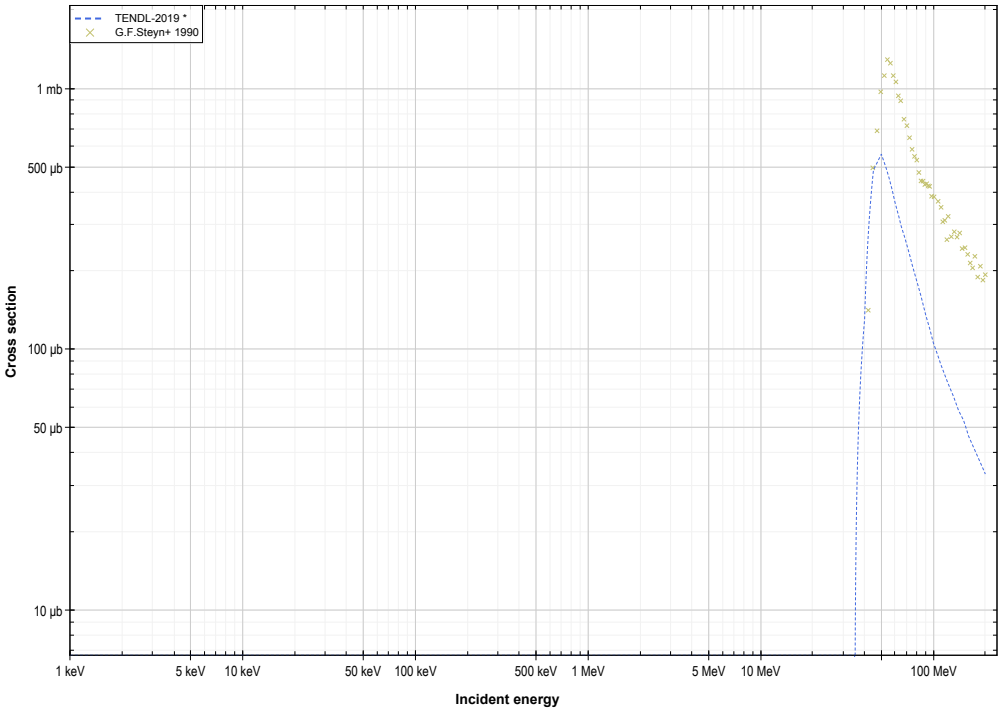
Mn55 (p,n+p) or Mn54 production lin-log



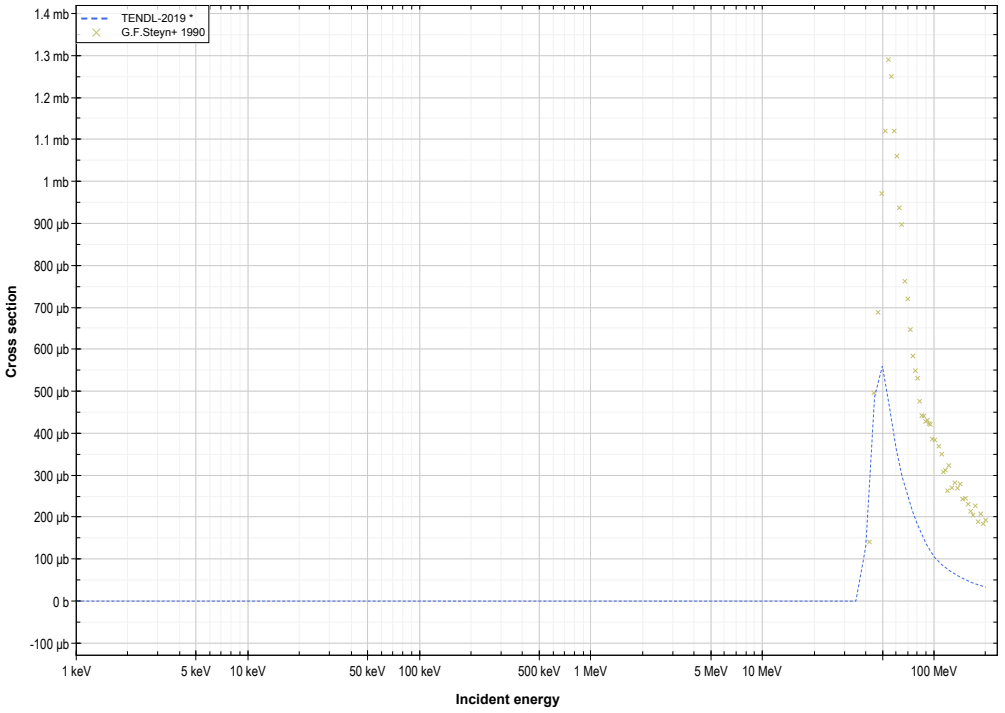
Reaction	Q-Value
Mn55(p,d)Mn54	-8001.55 keV
Mn55(p,n+p)Mn54	-10226.12 keV

<< 23-V-51	**25-Mn-55**	26-Fe-58 >>
<< MT28 (p,n+p)	**MT37 (p,4n) or MT5 (Fe52 production)**	MT102 (p,γ) >>

Mn55 (p,4n) or Fe52 production log-log



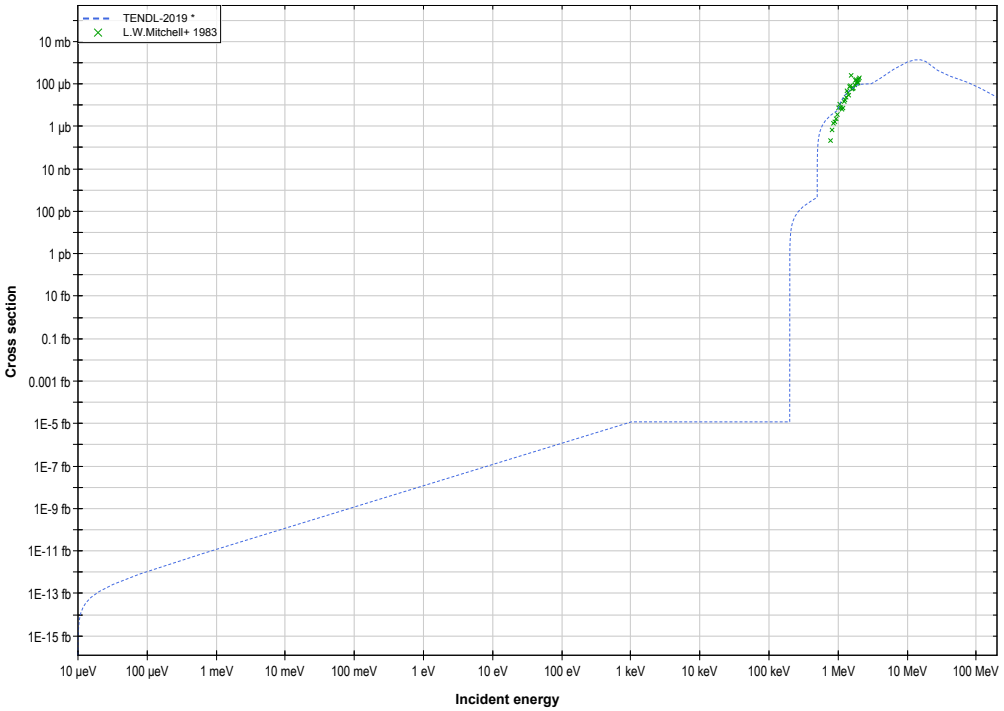
Mn55 (p,4n) or Fe52 production lin-log



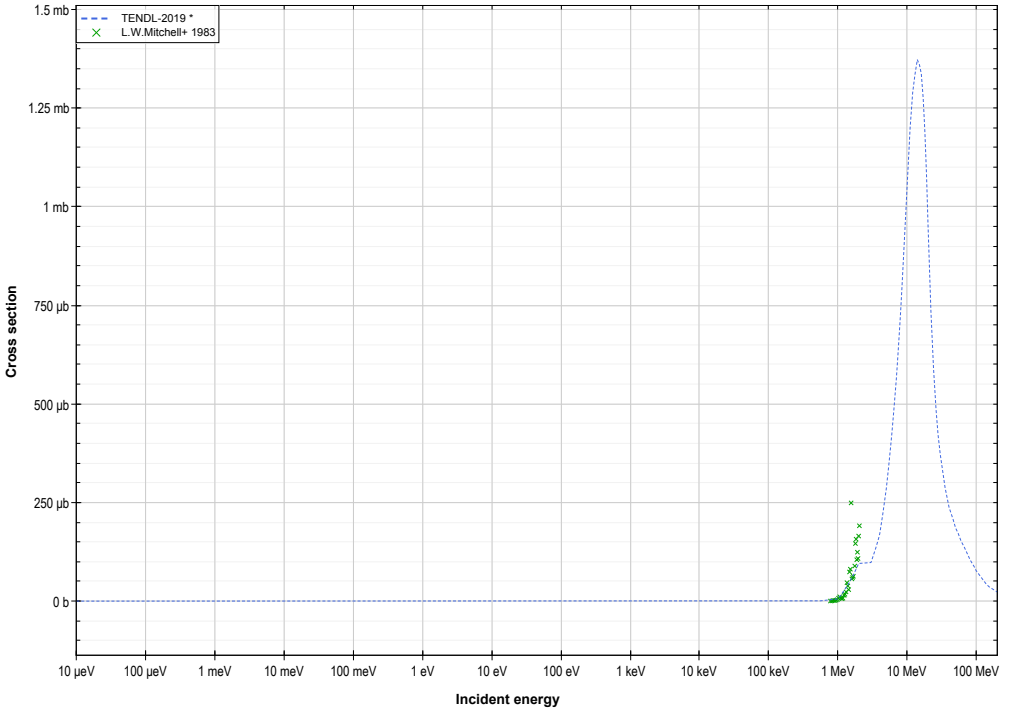
Reaction	Q-Value
Mn55(p,4n)Fe52	-34378.70 keV

<< 24-Cr-54	**25-Mn-55**	26-Fe-54 >>
<< MT37 (p,4n)	**MT102 (p,γ) or MT5 (Fe56 production)**	MT104 (p,d) >>

Mn55 (p,γ) or Fe56 production log-log



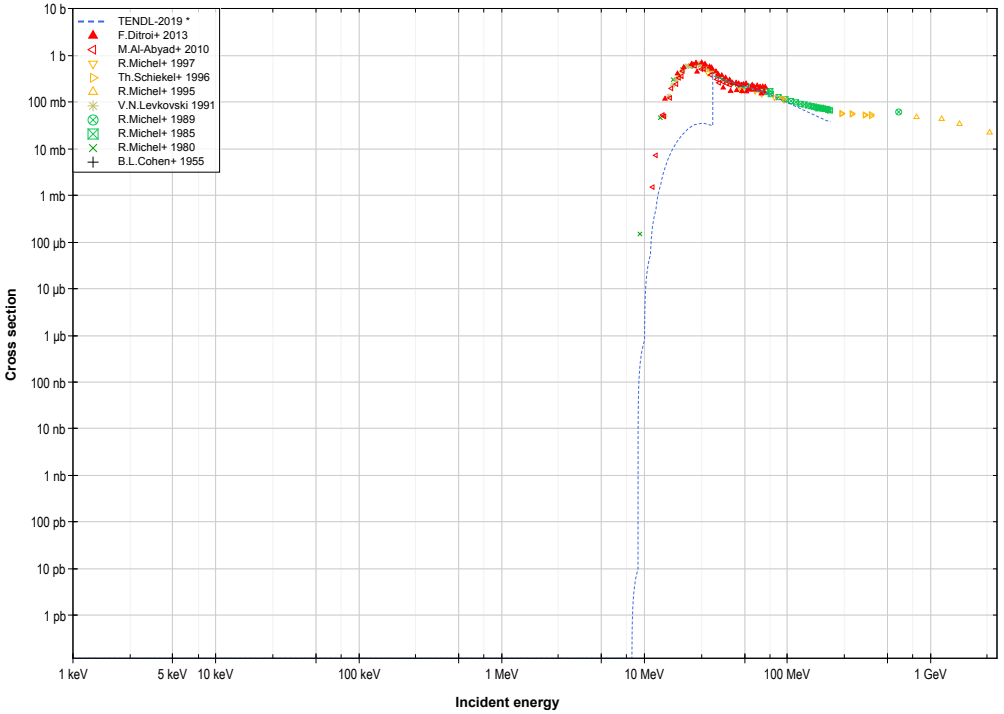
Mn55 (p,γ) or Fe56 production lin-log



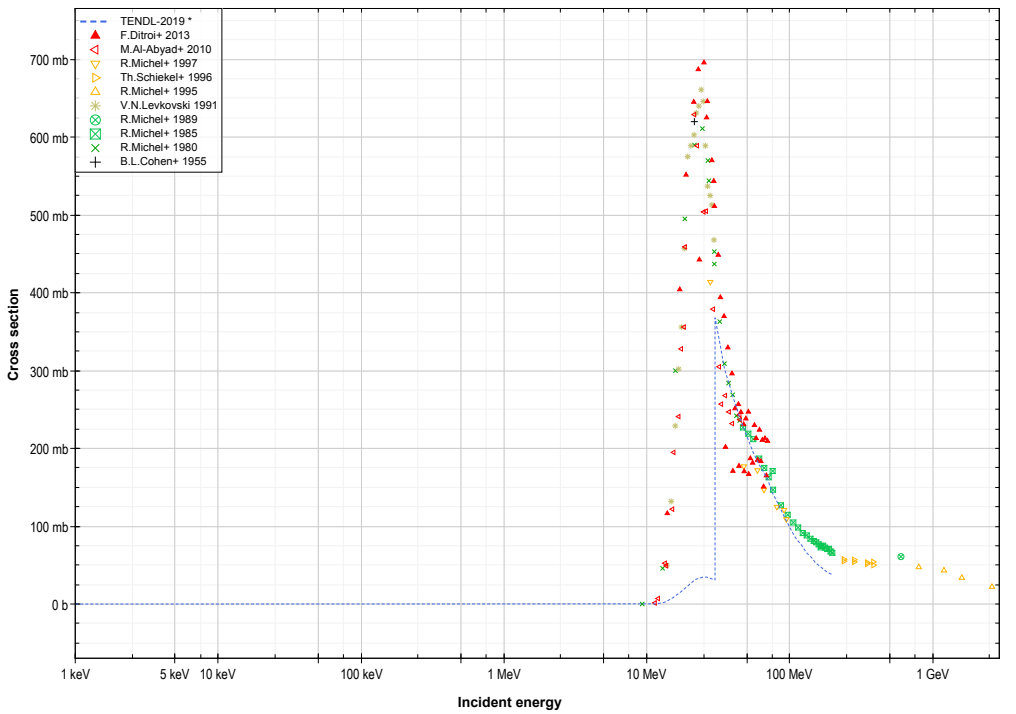
Reaction	Q-Value
Mn55(p,γ)Fe56	10183.67 keV

<< 24-Cr-52	**25-Mn-55**	26-Fe-54 >>
<< MT102 (p,γ)	**MT104 (p,d) or MT5 (Mn54 production)**	MT114 (p,d+2α) >>

Mn55 (p,d) or Mn54 production log-log



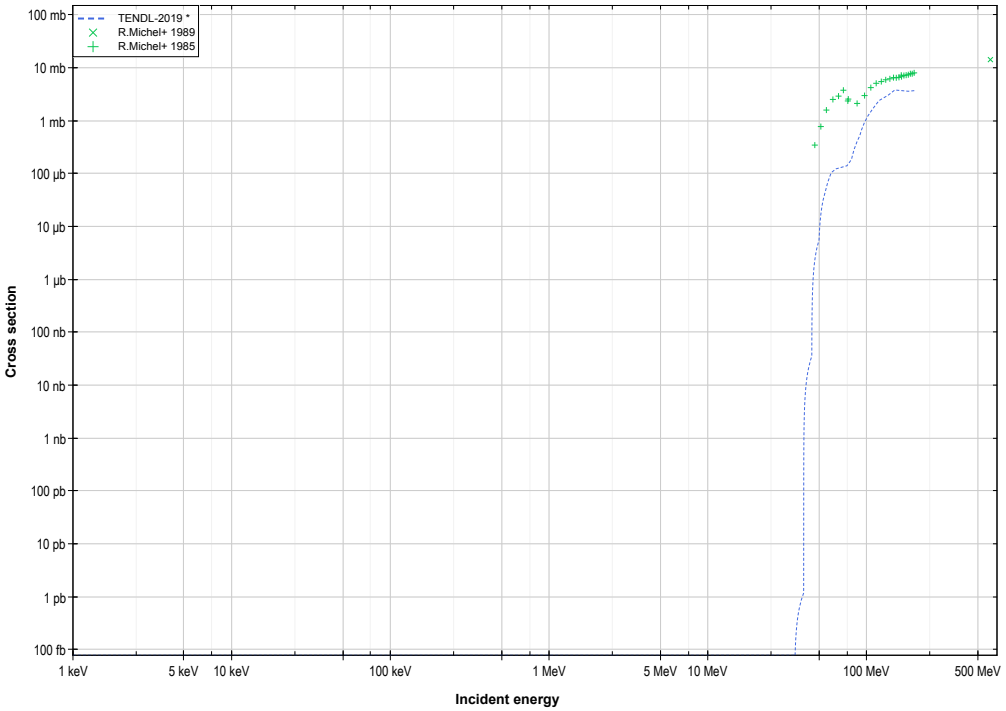
Mn55 (p,d) or Mn54 production lin-log



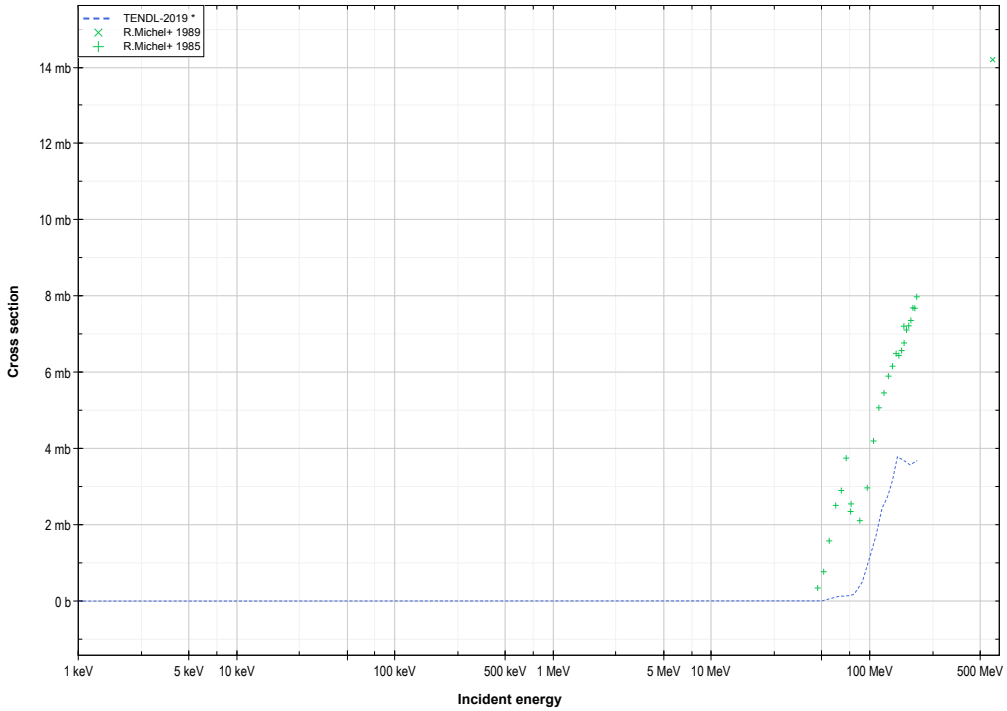
Reaction	Q-Value
Mn55(p,d)Mn54	-8001.55 keV
Mn55(p,n+p)Mn54	-10226.12 keV

<< 23-V-51	**25-Mn-55**	29-Cu-63 >>
<< MT104 (p,d)	**MT114 (p,d+2α) or MT5 (Sc46 production)**	MT176 (p,2n+³He) >>

Mn55 (p,d+2α) or Sc46 production log-log



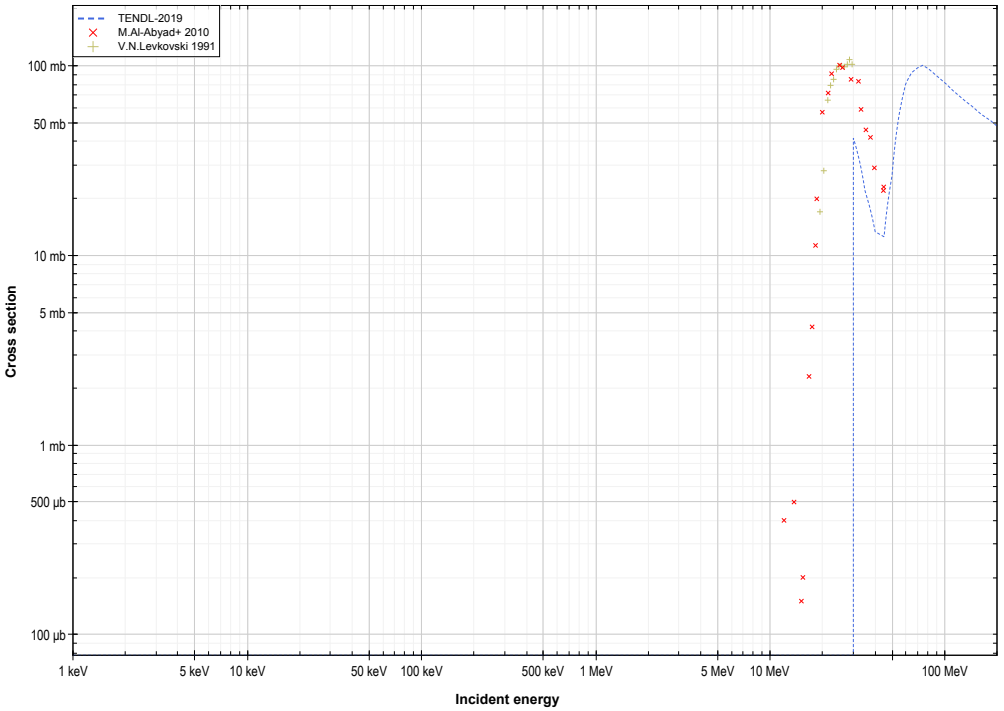
Mn55 (p,d+2α) or Sc46 production lin-log



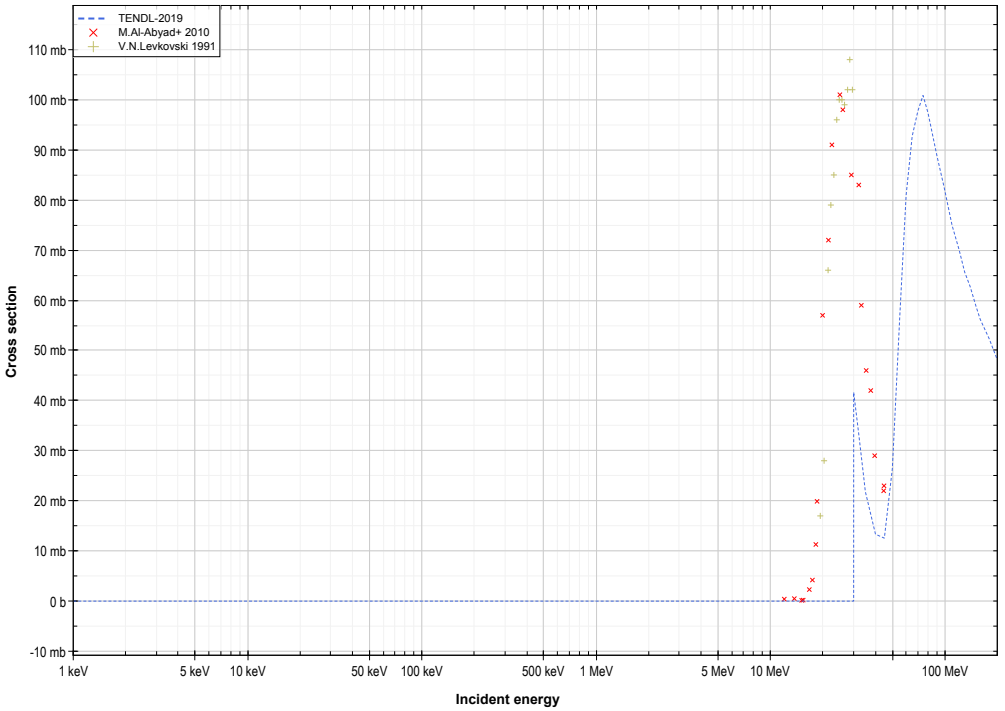
Reaction	Q-Value	Reaction	Q-Value
Mn55(p,d+2α)Sc46	-26647.78 keV	Mn55(p,n+p+2d+α)Sc46	-52718.88 keV
Mn55(p,n+p+2α)Sc46	-28872.35 keV	Mn55(p,2n+2p+d+α)Sc46	-54943.44 keV
Mn55(p,t+He3+α)Sc46	-40968.17 keV	Mn55(p,3n+3p+α)Sc46	-57168.01 keV
Mn55(p,p+d+t+α)Sc46	-46461.65 keV	Mn55(p,p+2t+He3)Sc46	-60782.04 keV
Mn55(p,n+d+He3+α)Sc46	-47225.40 keV	Mn55(p,n+t+2He3)Sc46	-61545.79 keV
Mn55(p,n+2p+t+α)Sc46	-48686.21 keV	Mn55(p,2d+t+He3)Sc46	-64814.70 keV
Mn55(p,2n+p+He3+α)Sc46	-49449.97 keV	Mn55(p,2p+d+2t)Sc46	-66275.51 keV
Mn55(p,3d+α)Sc46	-50494.31 keV	Mn55(p,n+p+d+t+He3)Sc46	-67039.27 keV

<< 24-Cr-52	**25-Mn-55**	26-Fe-56 >>
<< MT114 (p,d+2α)	**MT176 (p,2n+³He) or MT5 (Cr51 production)**	MT179 (p,3n+2p) >>

Mn55 (p,2n+³He) or Cr51 production log-log



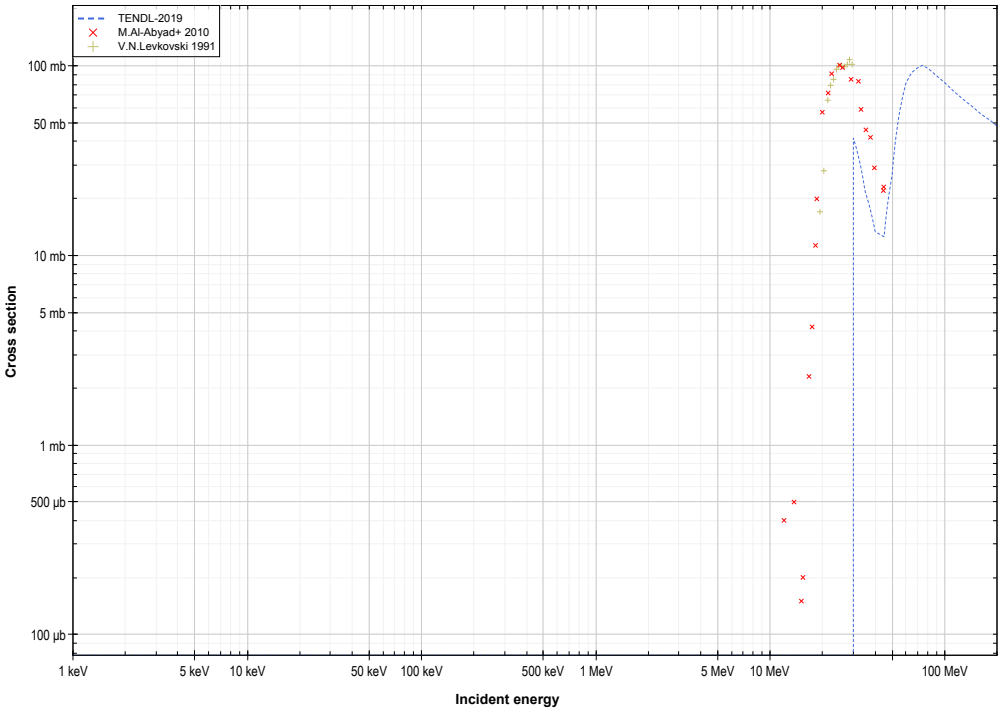
Mn55 (p,2n+³He) or Cr51 production lin-log



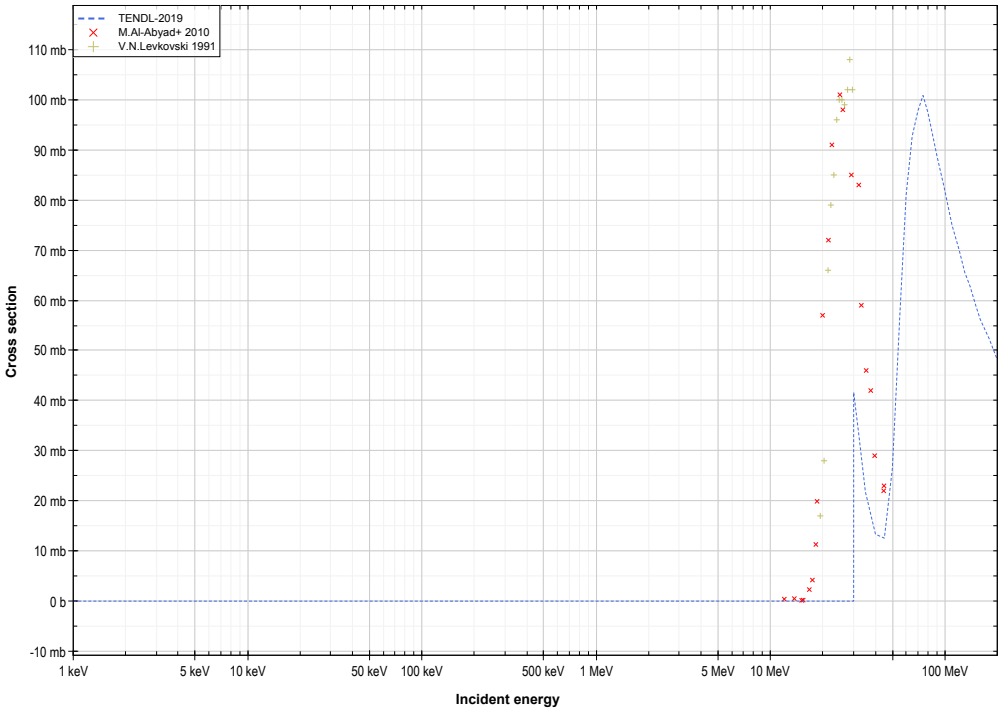
Reaction	Q-Value
Mn55(p,n+α)Cr51	-9468.26 keV
Mn55(p,d+t)Cr51	-27057.56 keV
Mn55(p,n+p+t)Cr51	-29282.13 keV
Mn55(p,2n+He3)Cr51	-30045.88 keV
Mn55(p,n+2d)Cr51	-33314.79 keV
Mn55(p,2n+p+d)Cr51	-35539.36 keV
Mn55(p,3n+2p)Cr51	-37763.92 keV

<< 24-Cr-52	**25-Mn-55**	26-Fe-56 >>
<< MT176 (p,2n+^{3}He)	**MT179 (p,3n+2p) or MT5 (Cr51 production)**	MT181 (p,3n+p+α) >>

Mn55 (p,3n+2p) or Cr51 production log-log



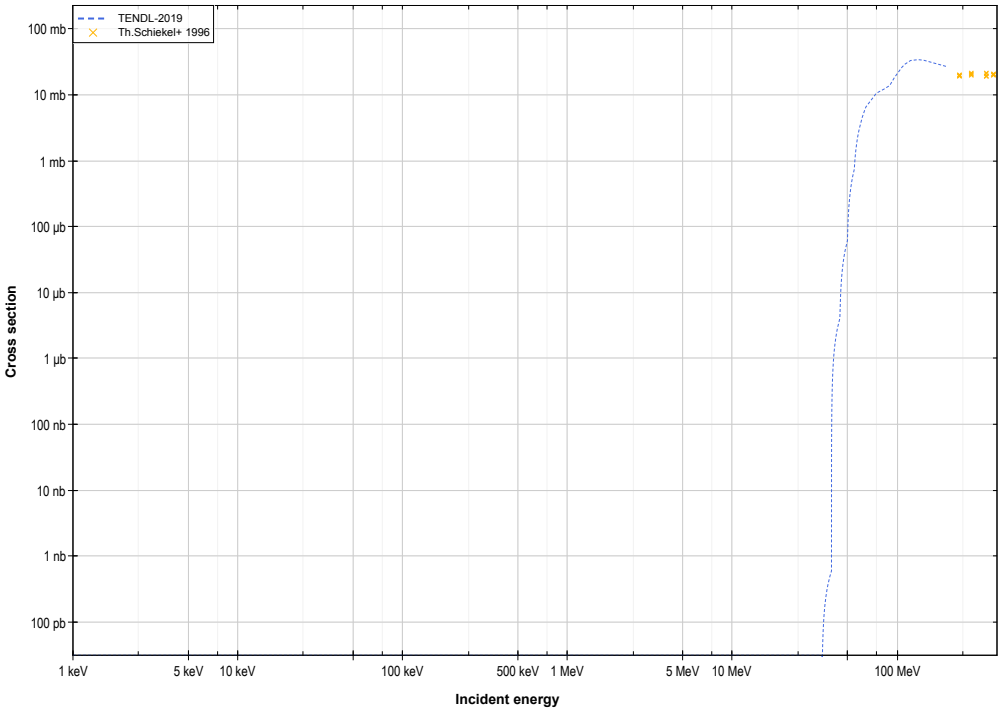
Mn55 (p,3n+2p) or Cr51 production lin-log



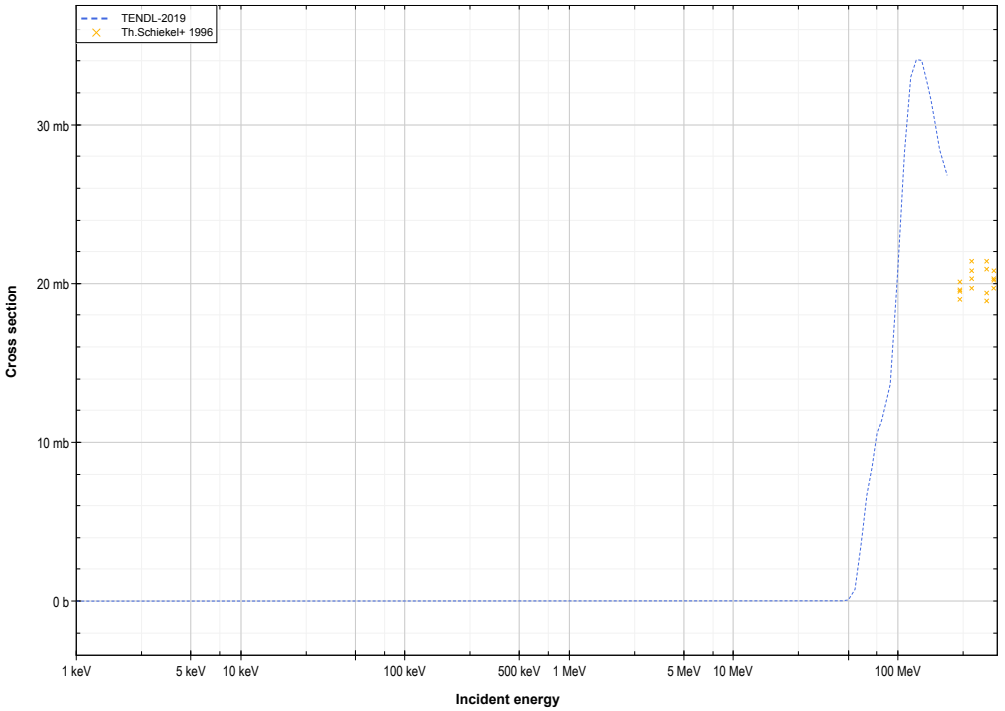
Reaction	Q-Value
Mn55(p,n+α)Cr51	-9468.26 keV
Mn55(p,d+t)Cr51	-27057.56 keV
Mn55(p,n+p+t)Cr51	-29282.13 keV
Mn55(p,2n+He3)Cr51	-30045.88 keV
Mn55(p,n+2d)Cr51	-33314.79 keV
Mn55(p,2n+p+d)Cr51	-35539.36 keV
Mn55(p,3n+2p)Cr51	-37763.92 keV

<< 23-V-51	**25-Mn-55**	27-Co-59 >>
<< MT179 (p,3n+2p)	**MT181 (p,3n+p+α) or MT5 (V48 production)**	MT182 (p,d+t) >>

Mn55 (p,3n+p+α) or V48 production log-log



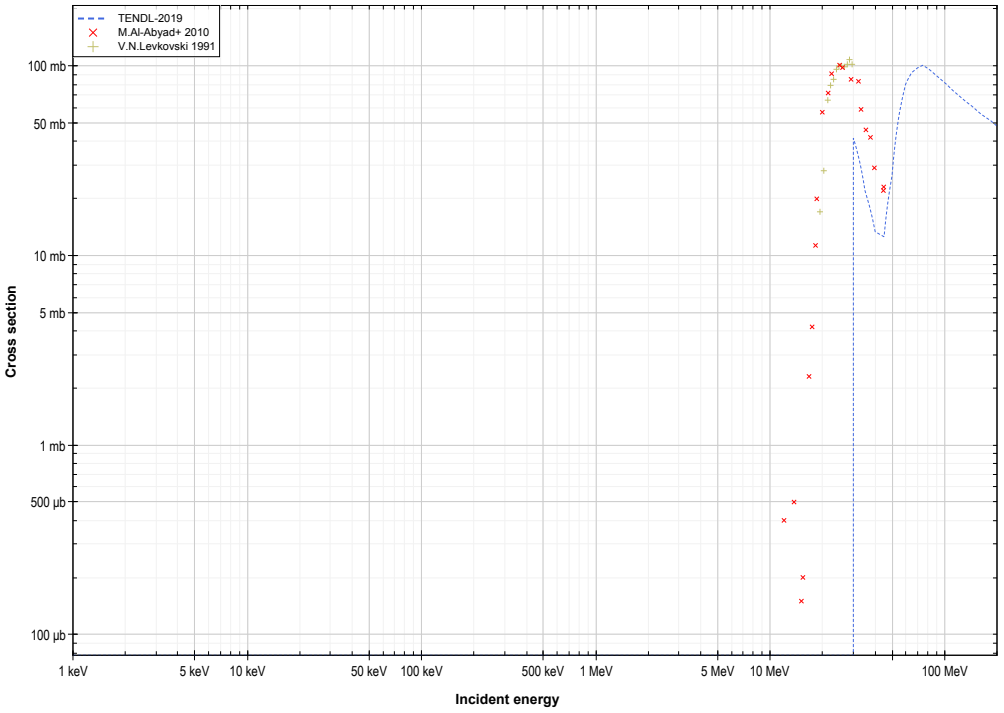
Mn55 (p,3n+p+α) or V48 production lin-log



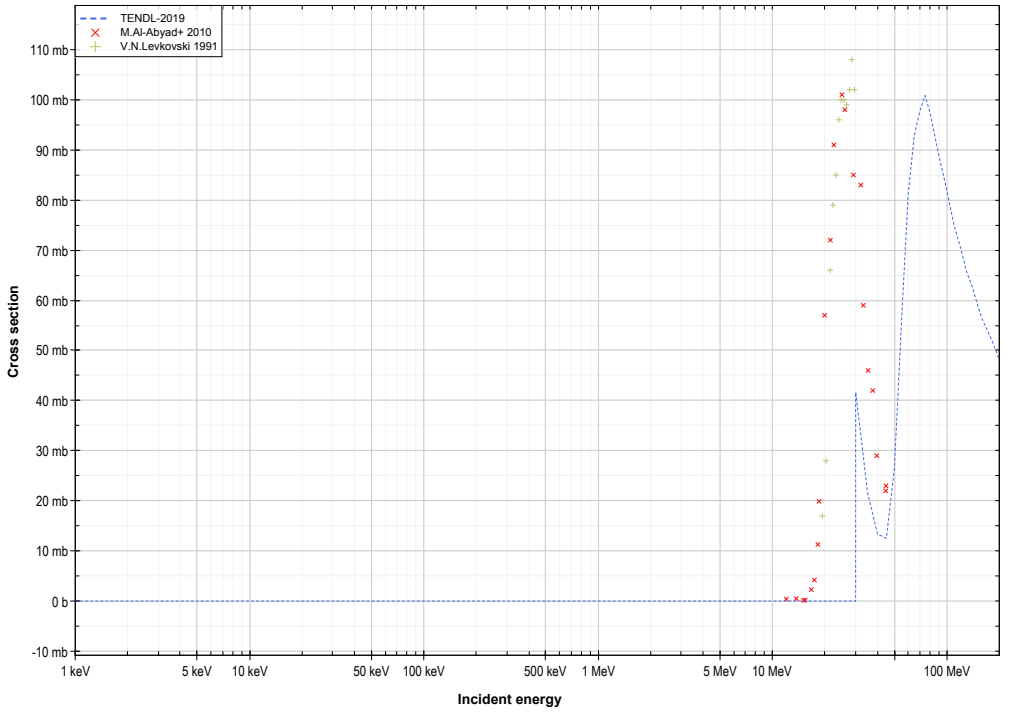
Reaction	Q-Value	Reaction	Q-Value
Mn55(p,n+t+α)V48	-31391.77 keV	Mn55(p,3n+d+He3)V48	-58226.62 keV
Mn55(p,2n+d+α)V48	-37649.00 keV	Mn55(p,3n+2p+t)V48	-59687.43 keV
Mn55(p,3n+p+α)V48	-39873.57 keV	Mn55(p,4n+p+He3)V48	-60451.19 keV
Mn55(p,d+2t)V48	-48981.07 keV	Mn55(p,2n+3d)V48	-61495.53 keV
Mn55(p,n+p+2t)V48	-51205.64 keV	Mn55(p,3n+p+2d)V48	-63720.09 keV
Mn55(p,2n+t+He3)V48	-51969.39 keV	Mn55(p,4n+2p+d)V48	-65944.66 keV
Mn55(p,n+2d+t)V48	-55238.30 keV	Mn55(p,5n+3p)V48	-68169.23 keV
Mn55(p,2n+p+d+t)V48	-57462.87 keV		

<< 24-Cr-52	**25-Mn-55**	26-Fe-56 >>
<< MT181 (p,3n+p+α)	**MT182 (p,d+t) or MT5 (Cr51 production)**	MT184 (p,n+p+t) >>

Mn55 (p,d+t) or Cr51 production log-log



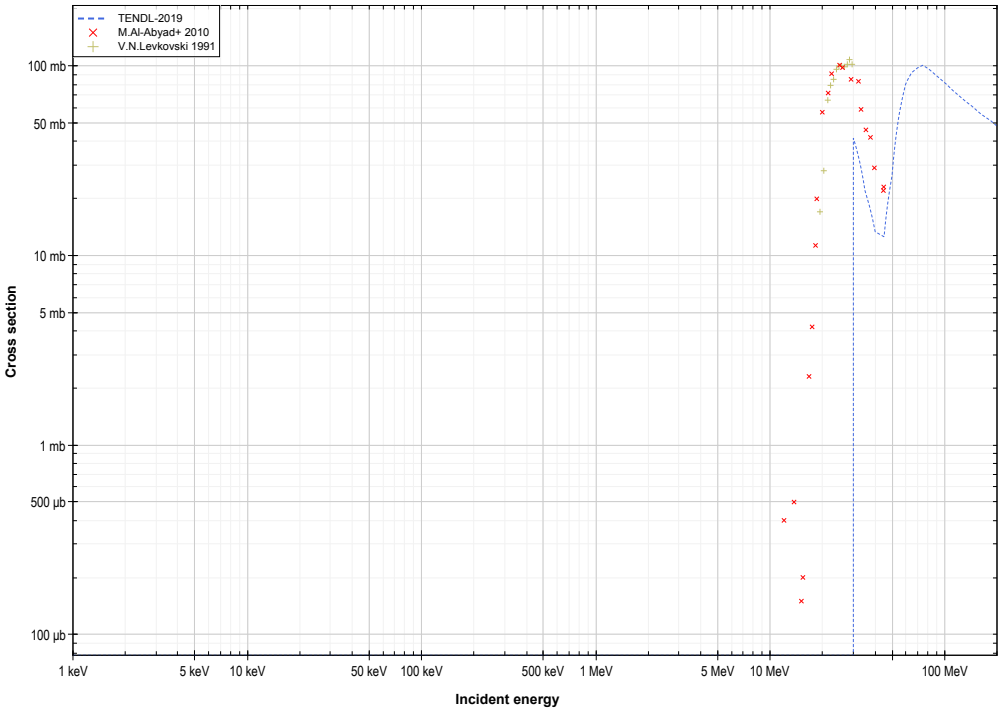
Mn55 (p,d+t) or Cr51 production lin-log



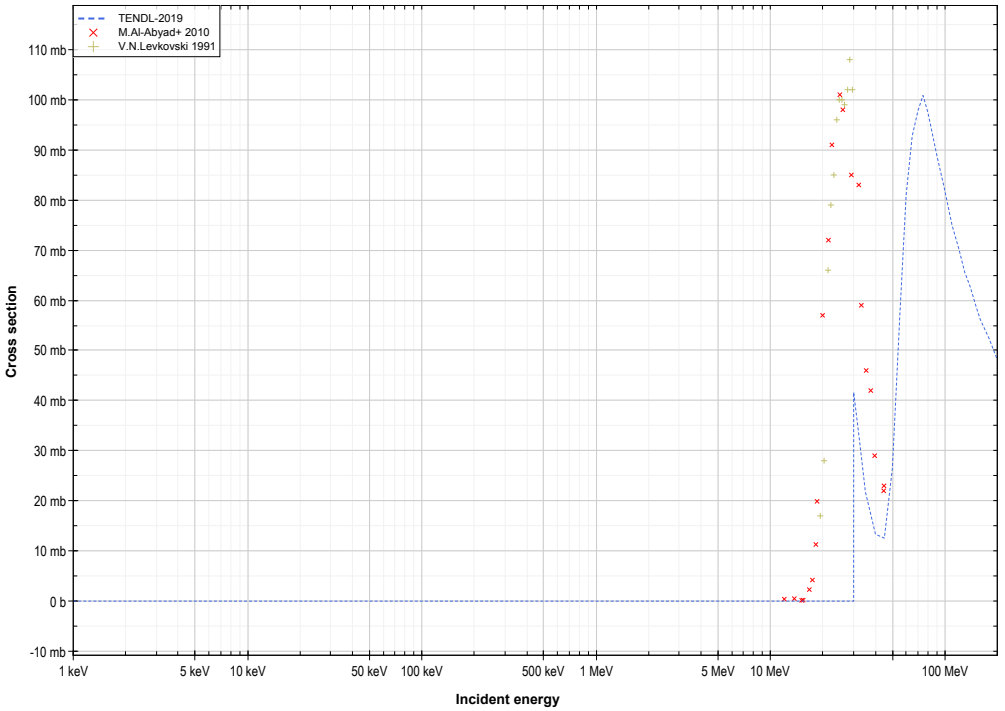
Reaction	Q-Value
Mn55(p,n+α)Cr51	-9468.26 keV
Mn55(p,d+t)Cr51	-27057.56 keV
Mn55(p,n+p+t)Cr51	-29282.13 keV
Mn55(p,2n+He3)Cr51	-30045.88 keV
Mn55(p,n+2d)Cr51	-33314.79 keV
Mn55(p,2n+p+d)Cr51	-35539.36 keV
Mn55(p,3n+2p)Cr51	-37763.92 keV

<< 24-Cr-52	**25-Mn-55**	26-Fe-56 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Cr51 production)**	MT189 (p,n+t+a) >>

Mn55 (p,n+p+t) or Cr51 production log-log



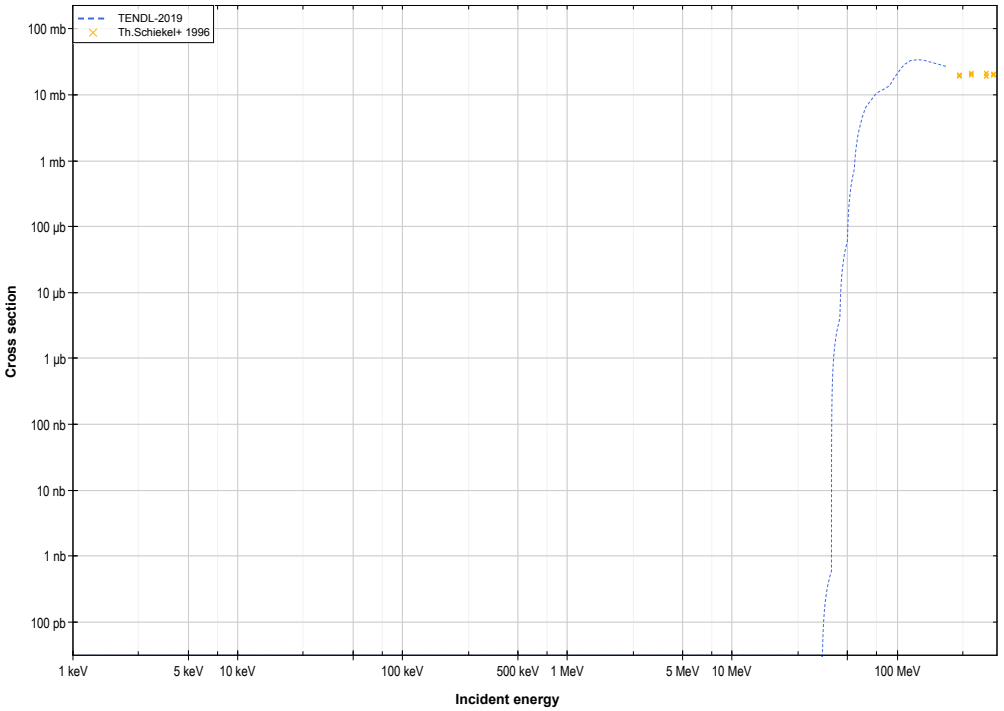
Mn55 (p,n+p+t) or Cr51 production lin-log



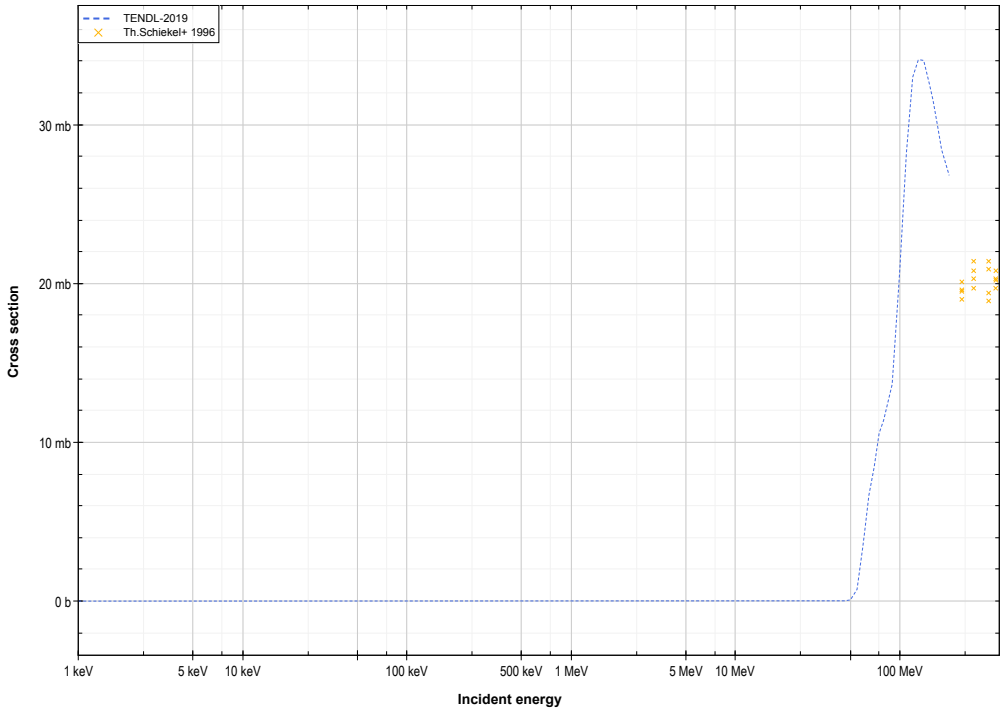
Reaction	Q-Value
Mn55(p,n+α)Cr51	-9468.26 keV
Mn55(p,d+t)Cr51	-27057.56 keV
Mn55(p,n+p+t)Cr51	-29282.13 keV
Mn55(p,2n+He3)Cr51	-30045.88 keV
Mn55(p,n+2d)Cr51	-33314.79 keV
Mn55(p,2n+p+d)Cr51	-35539.36 keV
Mn55(p,3n+2p)Cr51	-37763.92 keV

<< 23-V-51	**25-Mn-55**	27-Co-59 >>
<< MT184 (p,n+p+t)	**MT189 (p,n+t+a) or MT5 (V48 production)**	26-Fe-54 MT28 (p,n+p) >>

Mn55 (p,n+t+a) or V48 production log-log



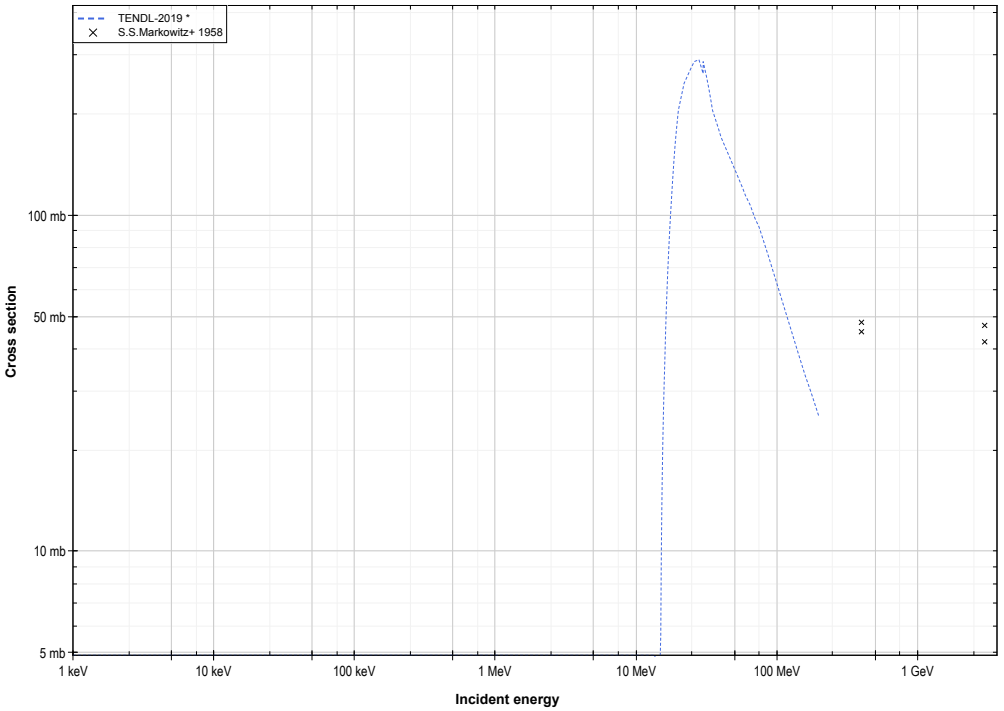
Mn55 (p,n+t+a) or V48 production lin-log



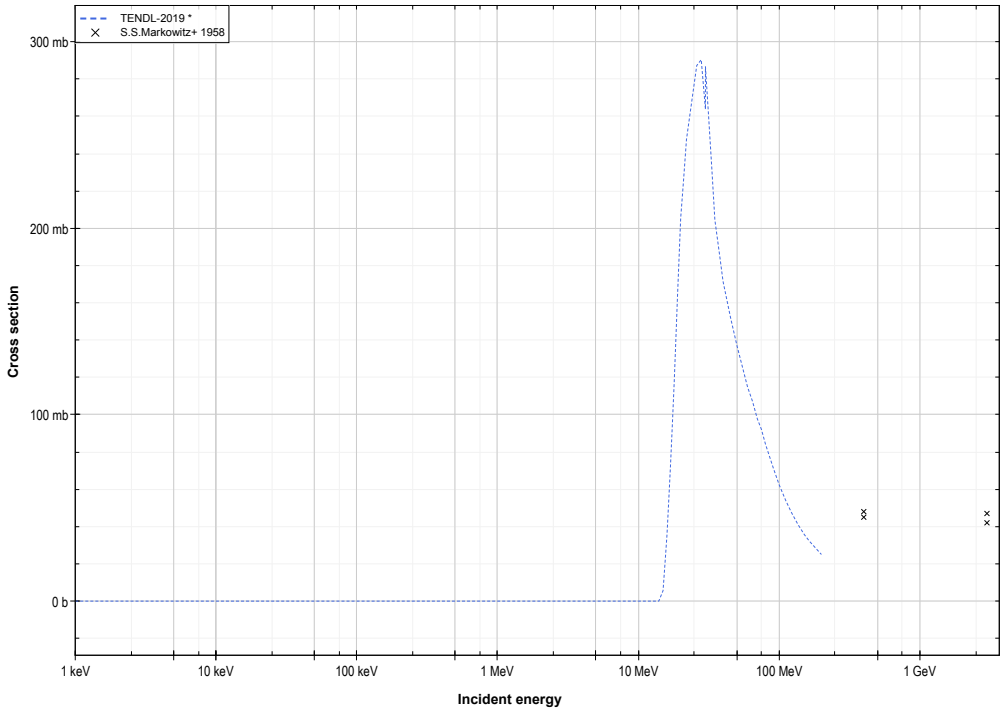
Reaction	Q-Value	Reaction	Q-Value
Mn55(p,n+t+α)V48	-31391.77 keV	Mn55(p,3n+d+He3)V48	-58226.62 keV
Mn55(p,2n+d+α)V48	-37649.00 keV	Mn55(p,3n+2p+t)V48	-59687.43 keV
Mn55(p,3n+p+α)V48	-39873.57 keV	Mn55(p,4n+p+He3)V48	-60451.19 keV
Mn55(p,d+2t)V48	-48981.07 keV	Mn55(p,2n+3d)V48	-61495.53 keV
Mn55(p,n+p+2t)V48	-51205.64 keV	Mn55(p,3n+p+2d)V48	-63720.09 keV
Mn55(p,2n+t+He3)V48	-51969.39 keV	Mn55(p,4n+2p+d)V48	-65944.66 keV
Mn55(p,n+2d+t)V48	-55238.30 keV	Mn55(p,5n+3p)V48	-68169.23 keV
Mn55(p,2n+p+d+t)V48	-57462.87 keV		

<< 25-Mn-55	**26-Fe-54**	26-Fe-56 >>
<< 25-Mn-55 MT189 (p,n+t+a)	**MT28 (p,n+p) or MT5 (Fe53 production)**	MT102 (p,γ) >>

Fe54 (p,n+p) or Fe53 production log-log



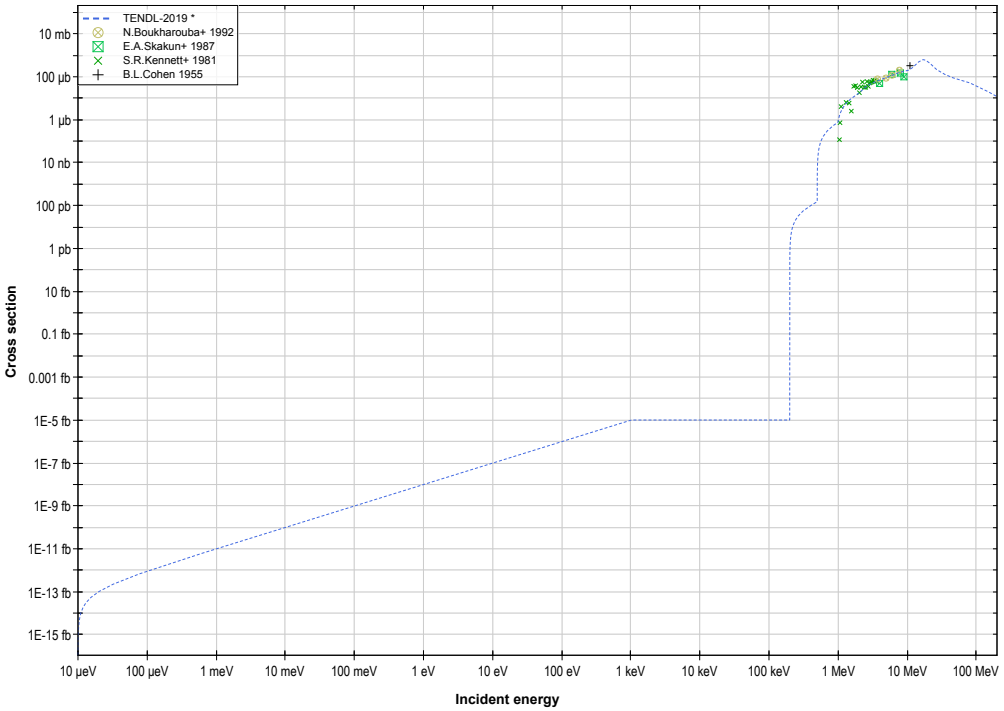
Fe54 (p,n+p) or Fe53 production lin-log



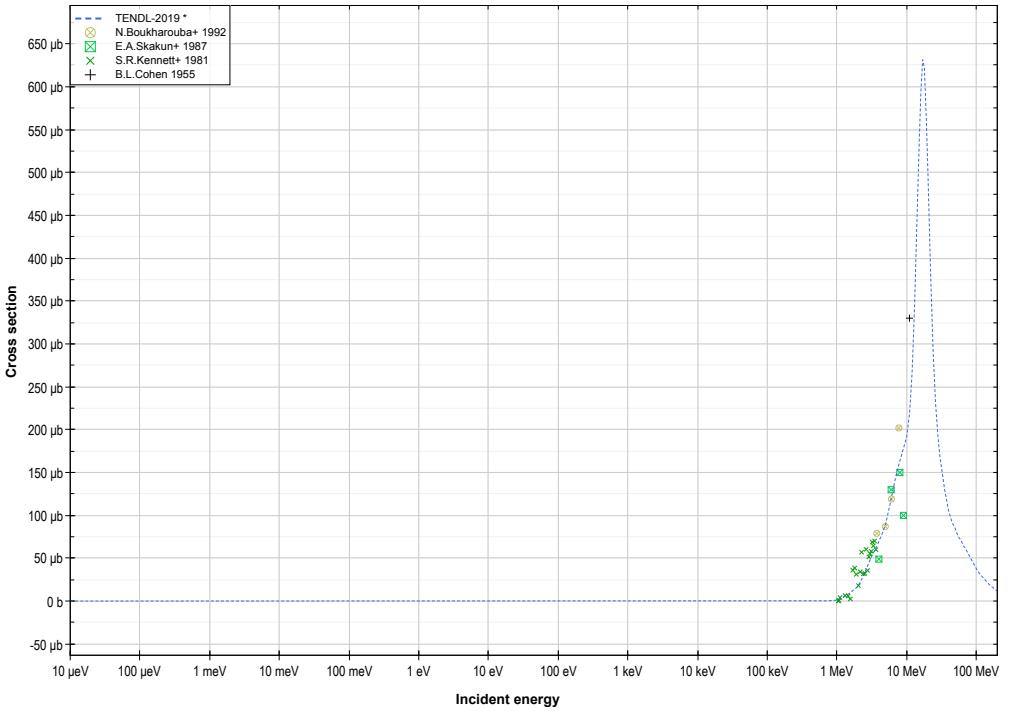
Reaction	Q-Value
Fe54(p,d)Fe53	-11153.75 keV
Fe54(p,n+p)Fe53	-13378.32 keV

<< 25-Mn-55	**26-Fe-54**	26-Fe-56 >>
<< MT28 (p,n+p)	**MT102 (p,γ) or MT5 (Co55 production)**	MT104 (p,d) >>

Fe54 (p,γ) or Co55 production log-log



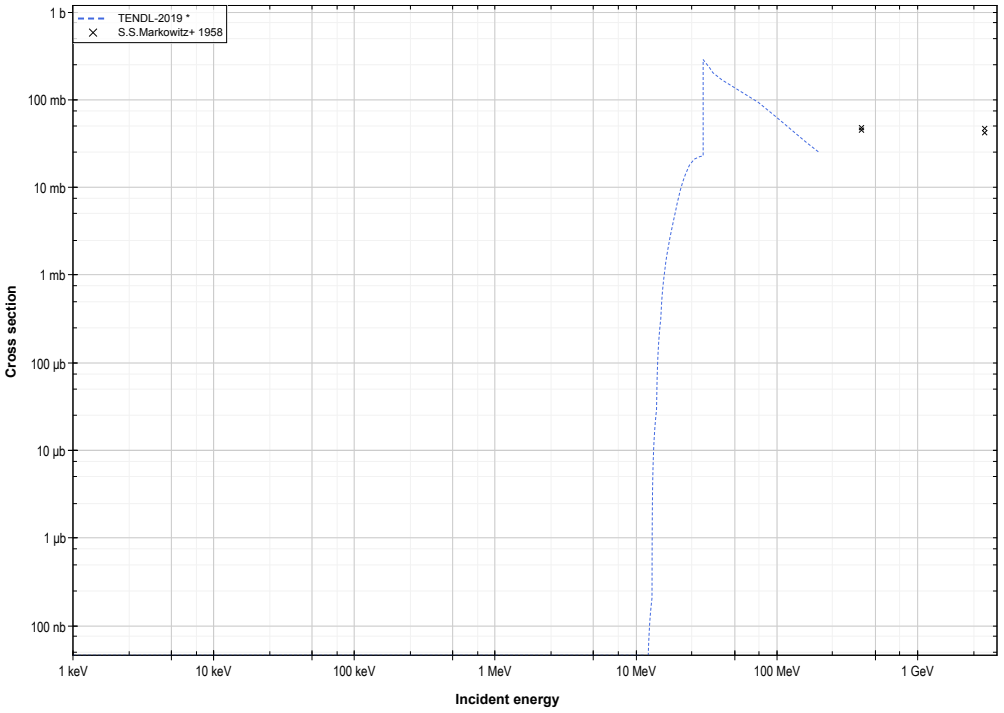
Fe54 (p,γ) or Co55 production lin-log



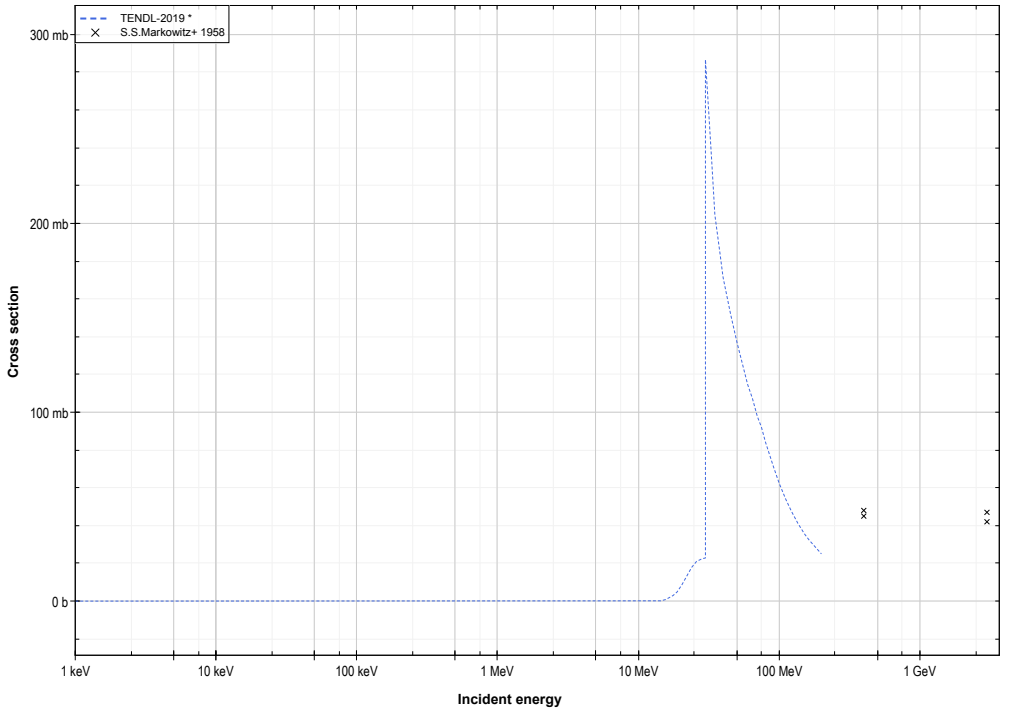
Reaction	Q-Value
Fe54(p,γ)Co55	5064.37 keV

<< 25-Mn-55	**26-Fe-54**	26-Fe-56 >>
<< MT102 (p,γ)	**MT104 (p,d) or MT5 (Fe53 production)**	MT105 (p,t) >>

Fe54 (p,d) or Fe53 production log-log



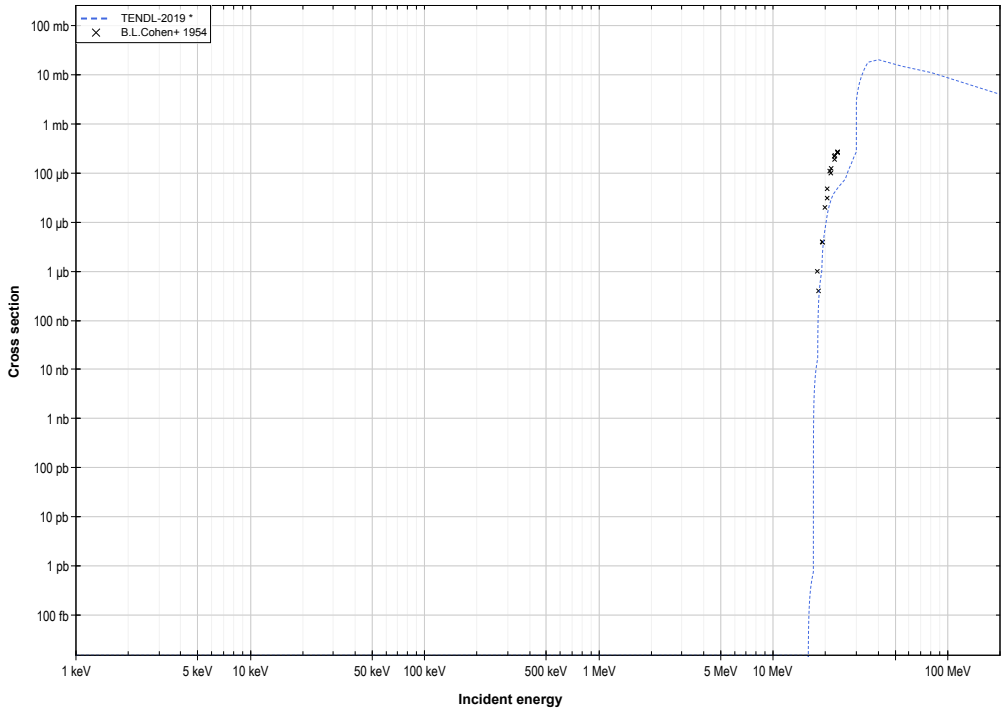
Fe54 (p,d) or Fe53 production lin-log



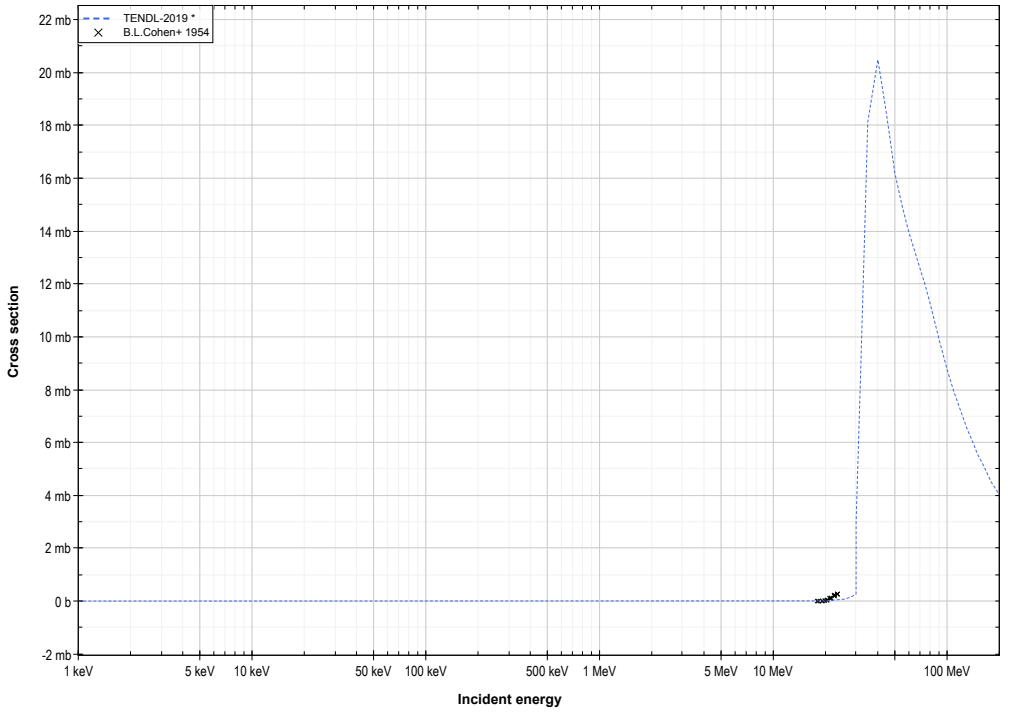
Reaction	Q-Value
Fe54(p,d)Fe53	-11153.75 keV
Fe54(p,n+p)Fe53	-13378.32 keV

<< 24-Cr-50	**26-Fe-54**	27-Co-59 >>
<< MT104 (p,d)	**MT105 (p,t) or MT5 (Fe52 production)**	MT107 (p,α) >>

Fe54 (p,t) or Fe52 production log-log



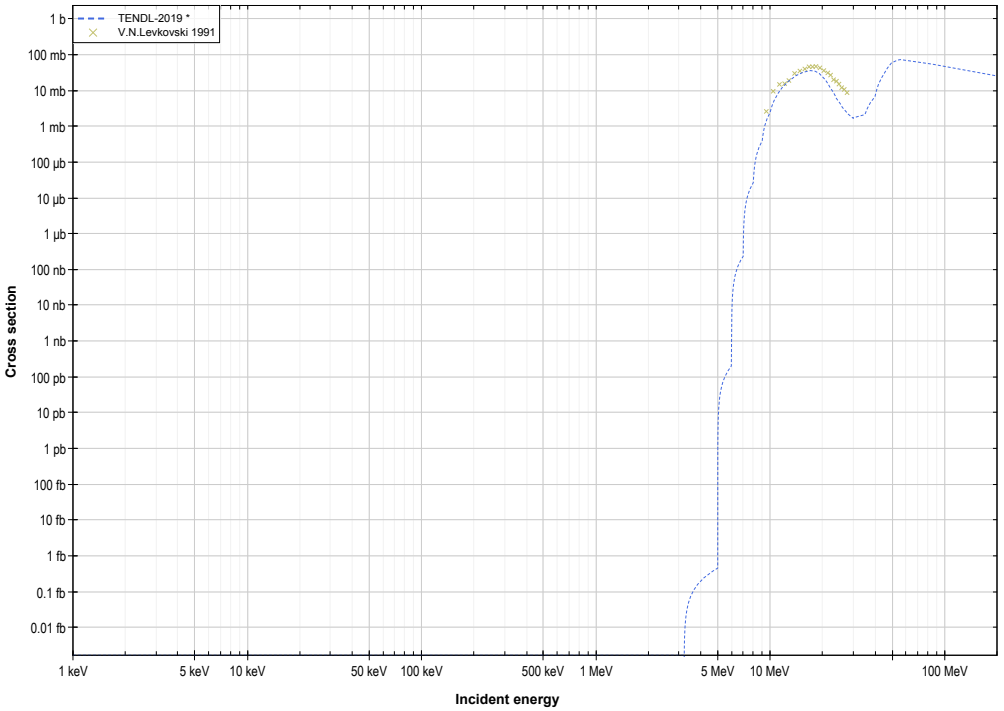
Fe54 (p,t) or Fe52 production lin-log



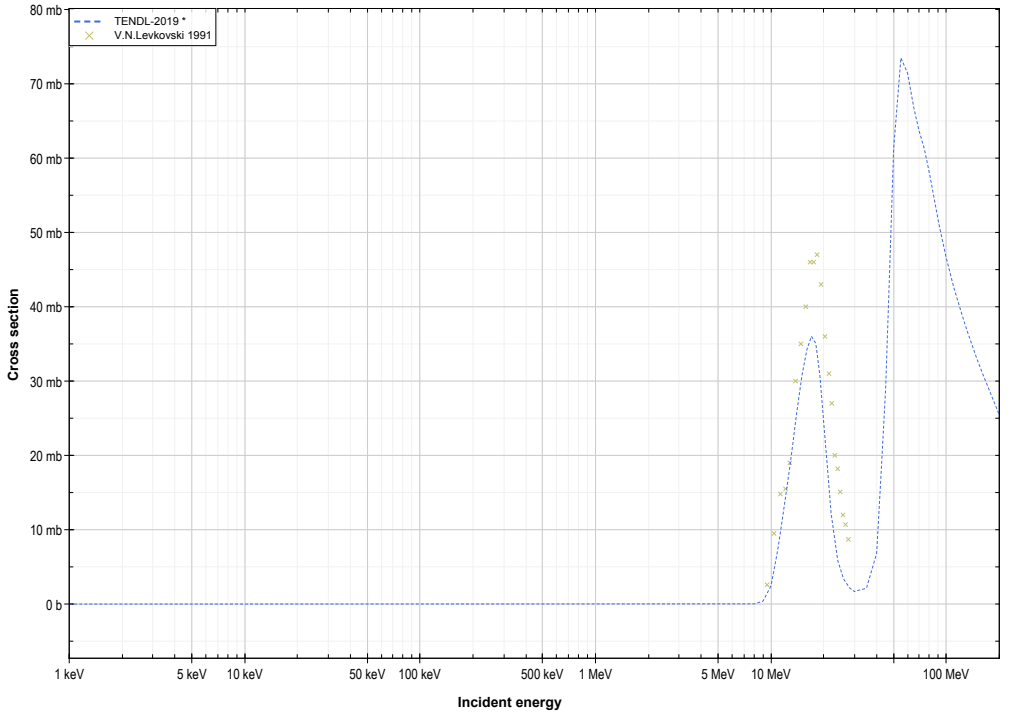
Reaction	Q-Value
Fe54(p,t)Fe52	-15585.34 keV
Fe54(p,n+d)Fe52	-21842.57 keV
Fe54(p,2n+p)Fe52	-24067.13 keV

<< 22-Ti-50	**26-Fe-54**	26-Fe-57 >>
<< MT105 (p,t)	**MT107 (p,α) or MT5 (Mn51 production)**	26-Fe-56 MT4 (p,n) >>

Fe54 (p,α) or Mn51 production log-log



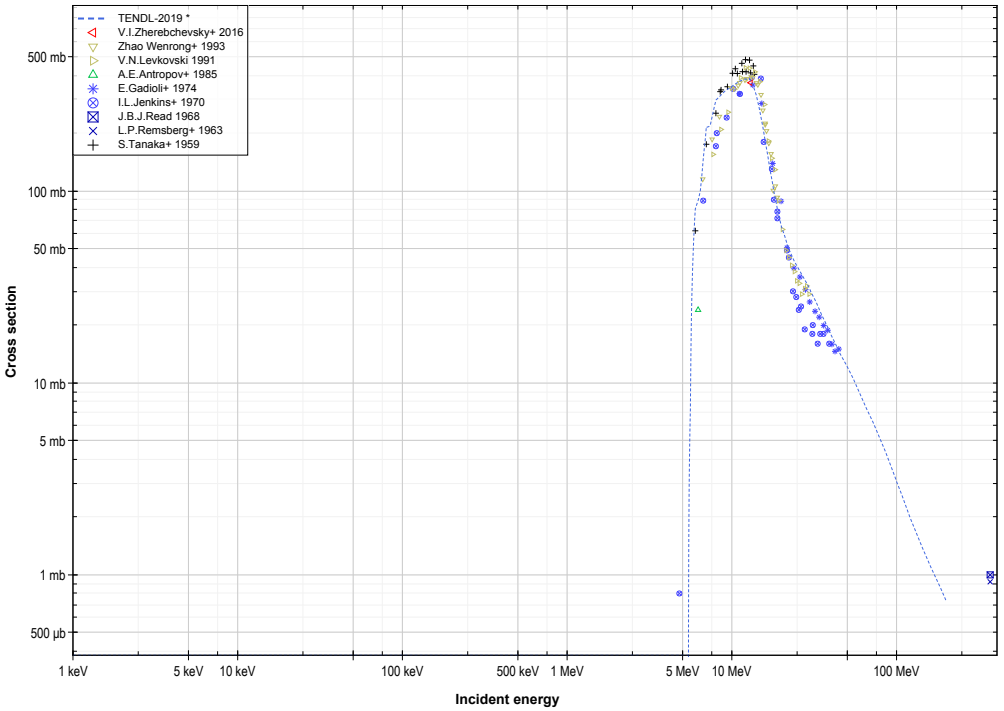
Fe54 (p,α) or Mn51 production lin-log



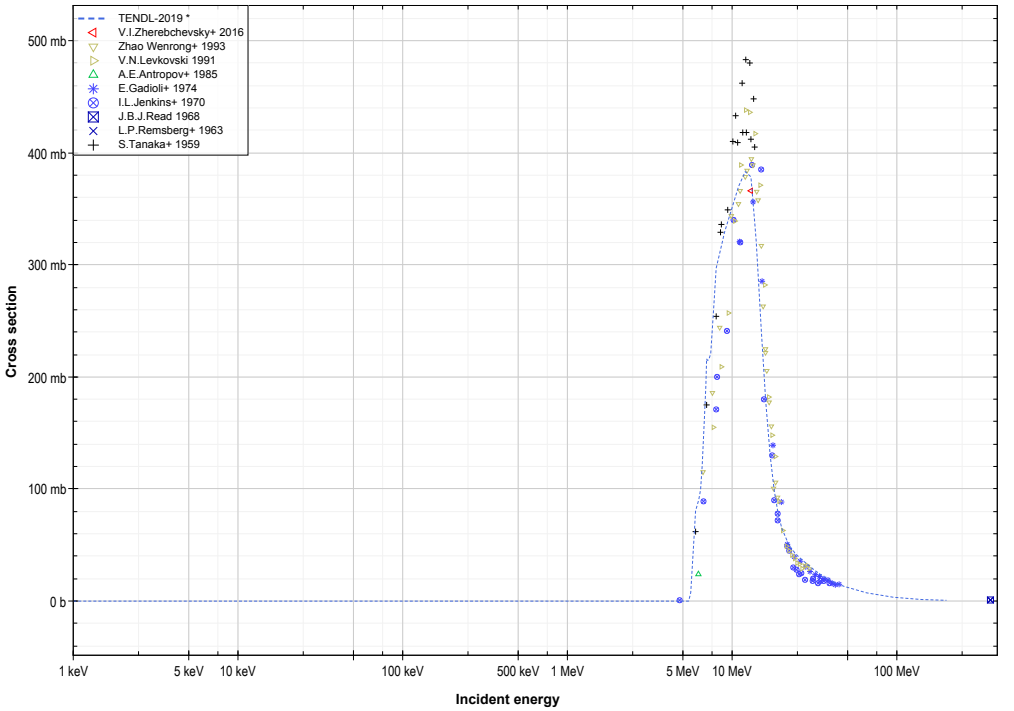
Reaction	Q-Value
Fe54(p,α)Mn51	-3146.54 keV
Fe54(p,p+t)Mn51	-22960.41 keV
Fe54(p,n+He3)Mn51	-23724.16 keV
Fe54(p,2d)Mn51	-26993.07 keV
Fe54(p,n+p+d)Mn51	-29217.64 keV
Fe54(p,2n+2p)Mn51	-31442.20 keV

<< 25-Mn-55	**26-Fe-56**	26-Fe-57 >>
<< 26-Fe-54 MT107 (p,α)	**MT4 (p,n) or MT5 (Co56 production)**	MT16 (p,2n) >>

Fe56 (p,n) or Co56 production log-log



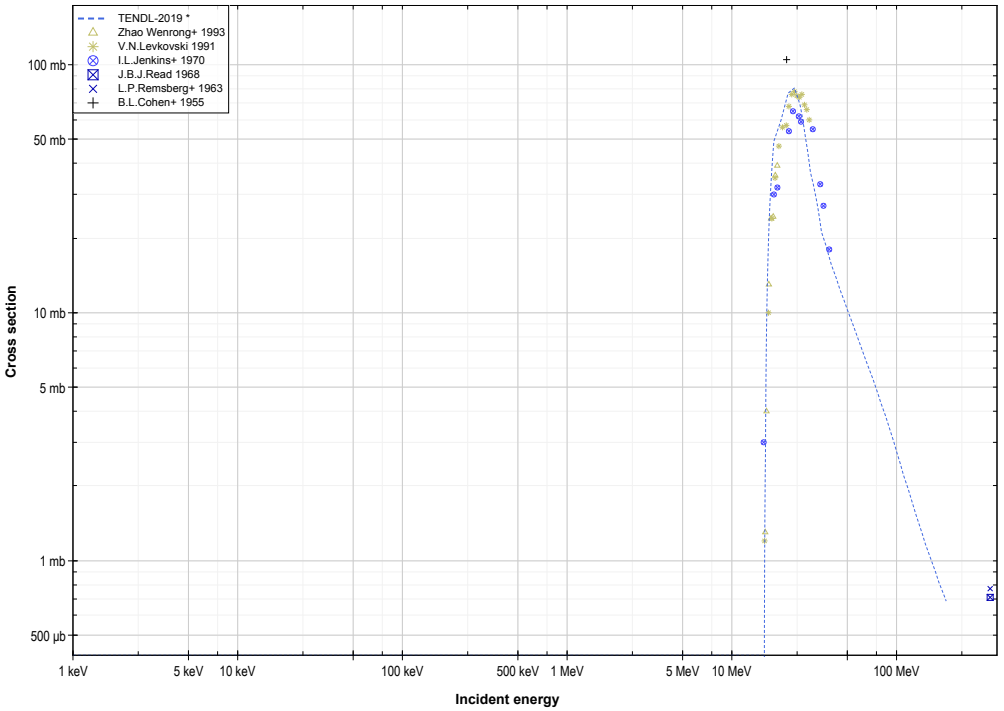
Fe56 (p,n) or Co56 production lin-log



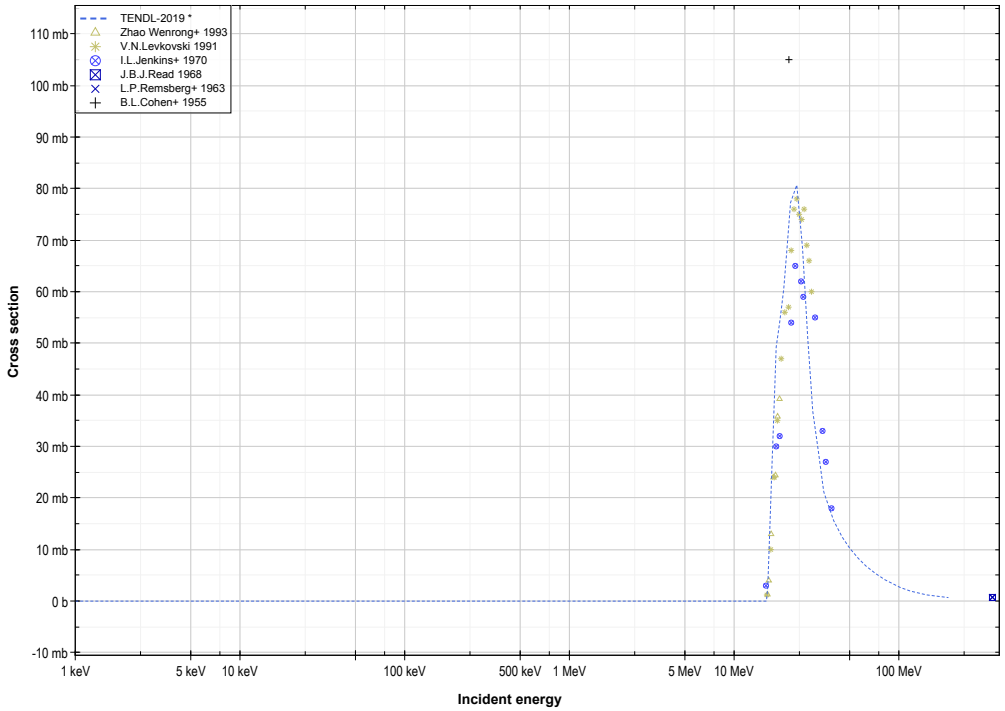
Reaction	Q-Value
Fe56(p,n)Co56	-5349.05 keV

<< 24-Cr-53	**26-Fe-56**	26-Fe-57 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Co55 production)**	MT22 (p,n+α) >>

Fe56 (p,2n) or Co55 production log-log



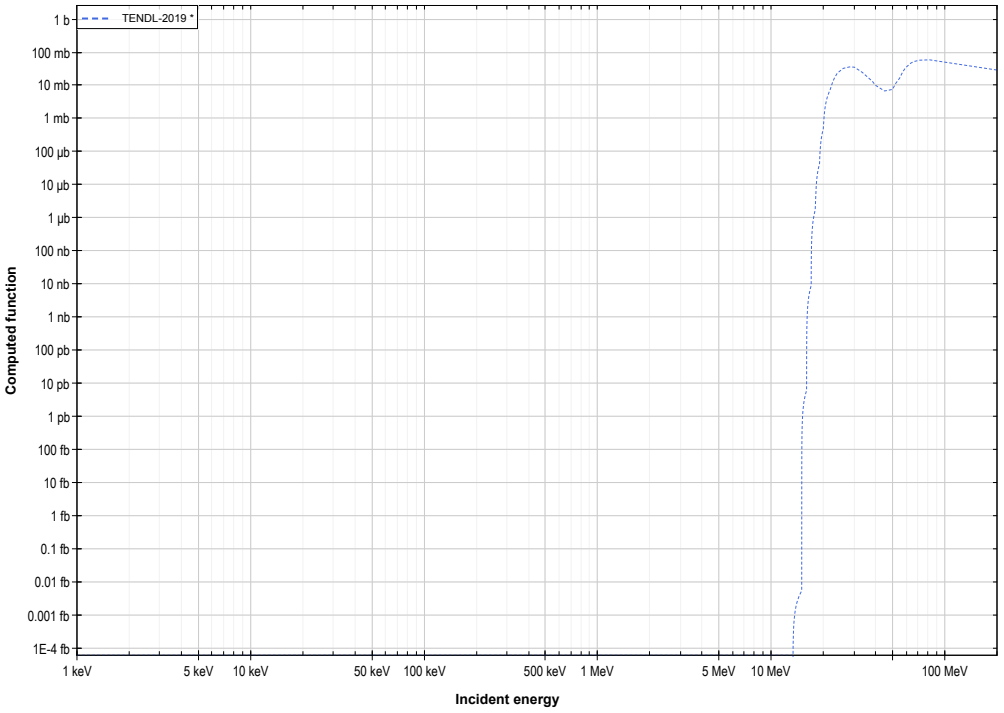
Fe56 (p,2n) or Co55 production lin-log



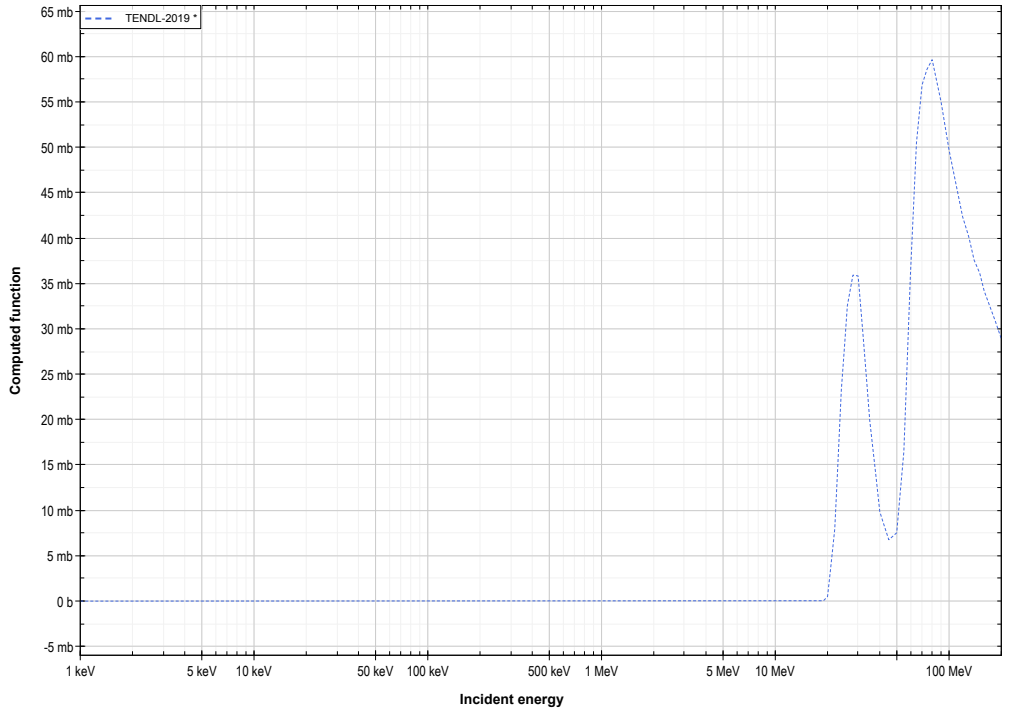
Reaction	Q-Value
Fe56(p,2n)Co55	-15430.86 keV

<< 25-Mn-55	**26-Fe-56**	26-Fe-58 >>
<< MT16 (p,2n)	**MT22 (p,n+α) or MT5 (Mn52 production)**	MT28 (p,n+p) >>

Fe56 (p,n+α) or Mn52 production log-log



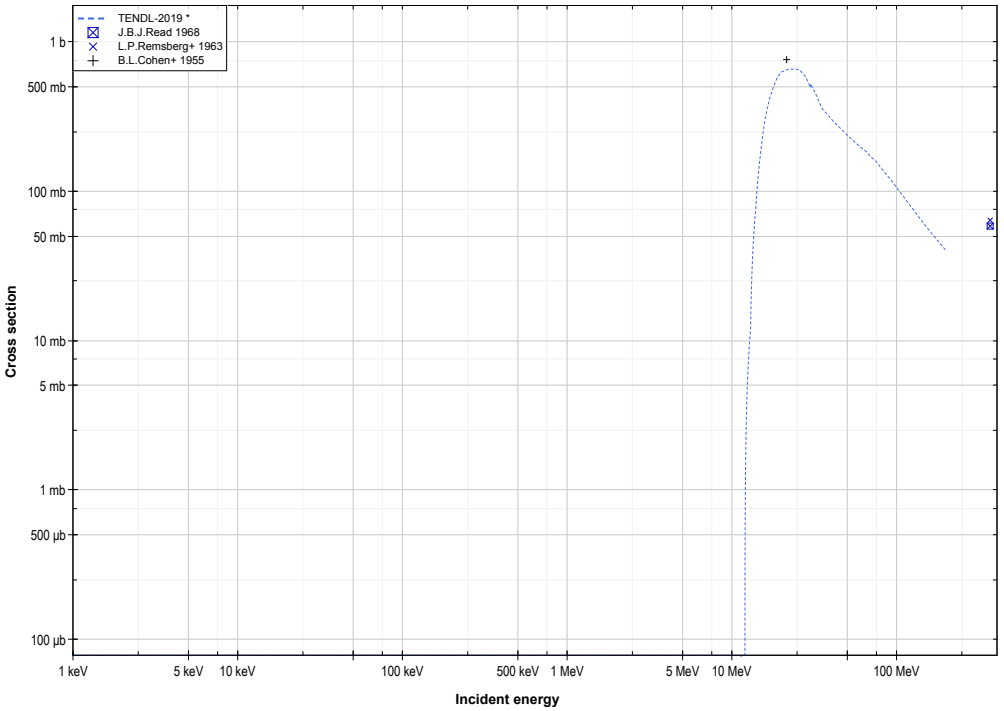
Fe56 (p,n+α) or Mn52 production lin-log



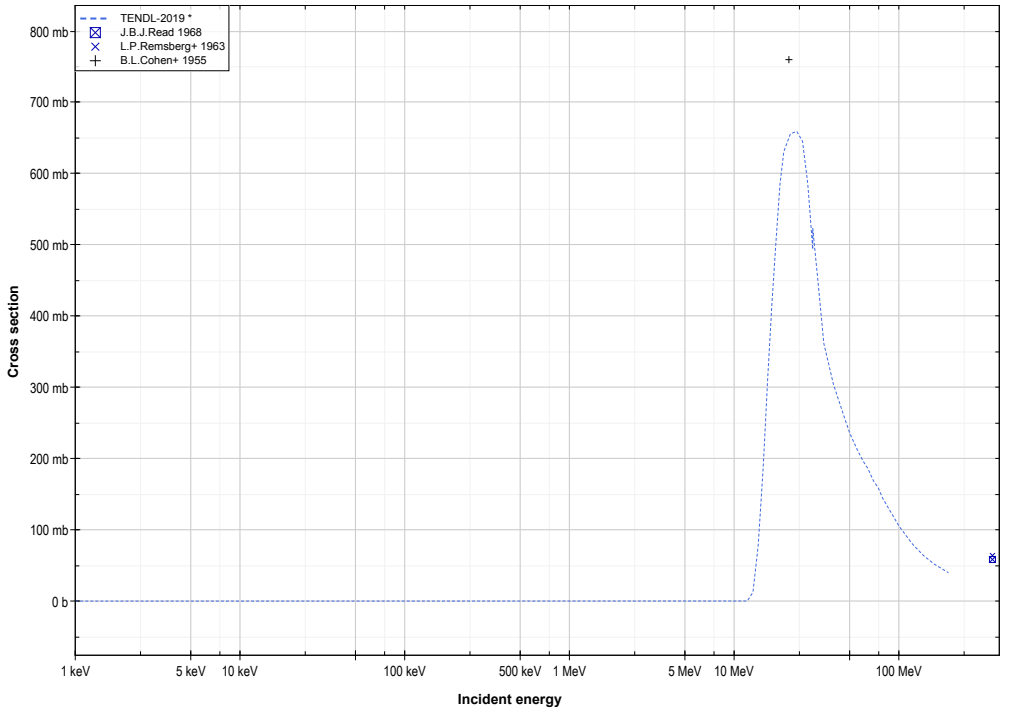
Reaction	Q-Value
Fe56(p,n+α)Mn52	-13107.06 keV
Fe56(p,d+t)Mn52	-30696.36 keV
Fe56(p,n+p+t)Mn52	-32920.93 keV
Fe56(p,2n+He3)Mn52	-33684.68 keV
Fe56(p,n+2d)Mn52	-36953.59 keV
Fe56(p,2n+p+d)Mn52	-39178.16 keV
Fe56(p,3n+2p)Mn52	-41402.72 keV

<< 26-Fe-54	**26-Fe-56**	27-Co-59 >>
<< MT22 (p,n+α)	**MT28 (p,n+p) or MT5 (Fe55 production)**	MT42 (p,3n+p) >>

Fe56 (p,n+p) or Fe55 production log-log



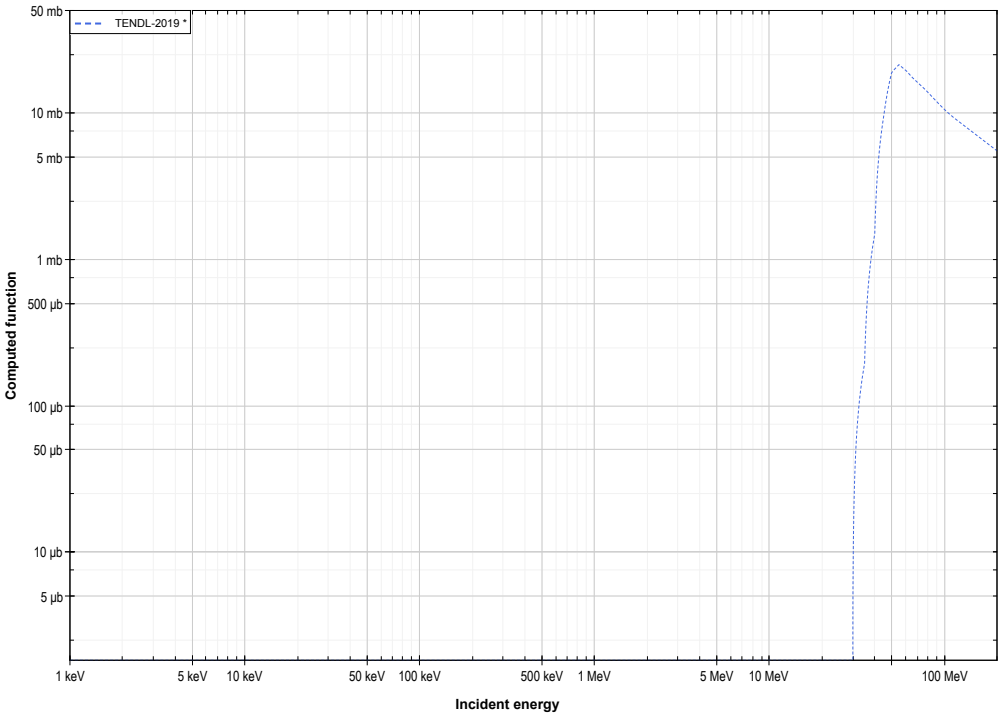
Fe56 (p,n+p) or Fe55 production lin-log



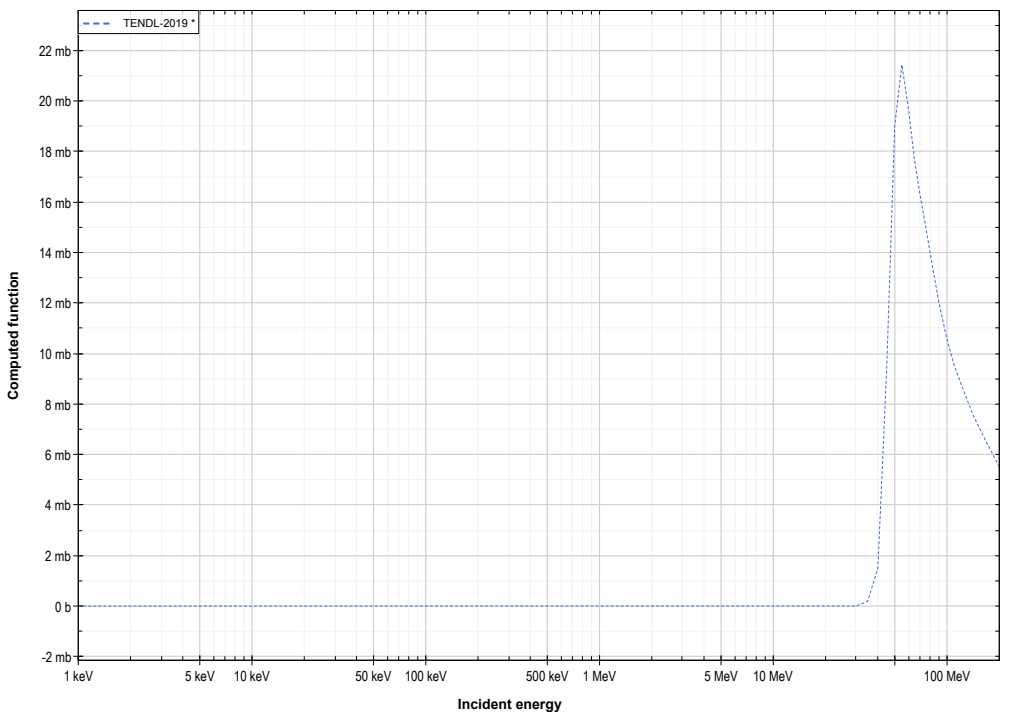
Reaction	Q-Value
Fe56(p,d)Fe55	-8972.55 keV
Fe56(p,n+p)Fe55	-11197.12 keV

<< 24-Cr-52	**26-Fe-56**	27-Co-59 >>
<< MT28 (p,n+p)	**MT42 (p,3n+p) or MT5 (Fe53 production)**	MT44 (p,n+2p) >>

Fe56 (p,3n+p) or Fe53 production log-log



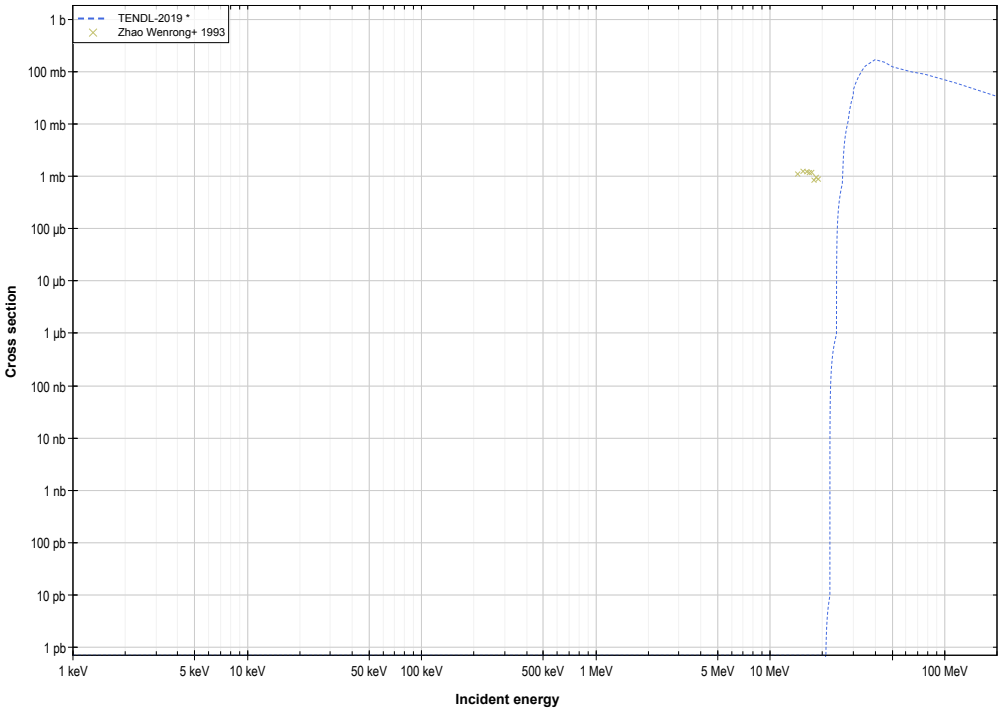
Fe56 (p,3n+p) or Fe53 production lin-log



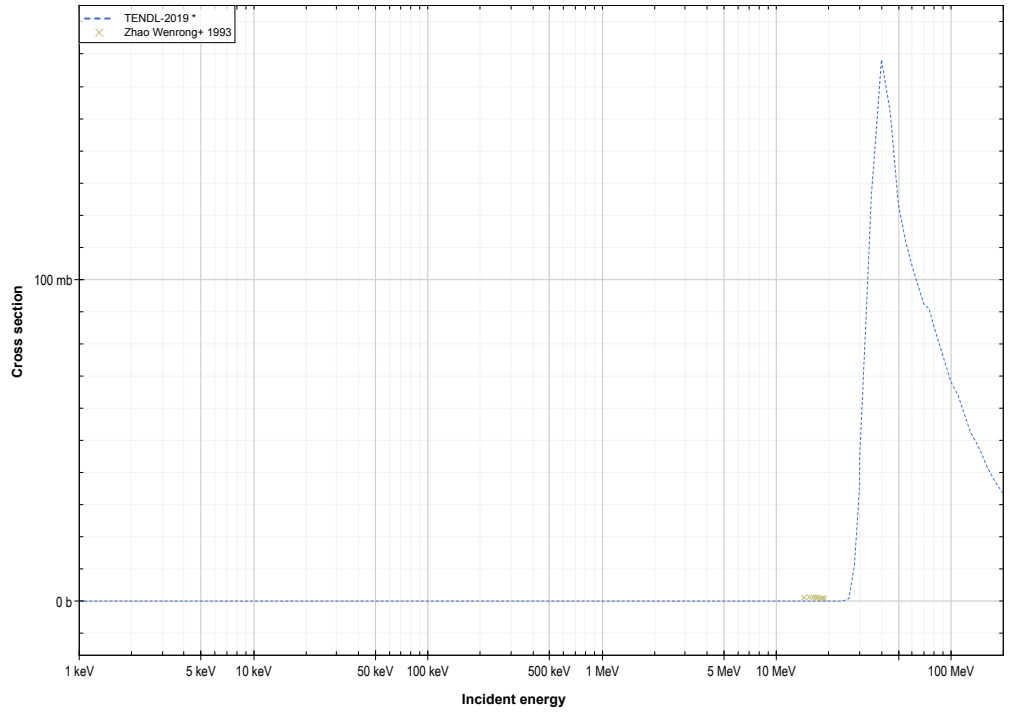
Reaction	Q-Value
Fe56(p,n+t)Fe53	-25391.76 keV
Fe56(p,2n+d)Fe53	-31648.99 keV
Fe56(p,3n+p)Fe53	-33873.55 keV

<< 24-Cr-50	**26-Fe-56**	28-Ni-58 >>
<< MT42 (p,3n+p)	**MT44 (p,n+2p) or MT5 (Mn54 production)**	MT102 (p,γ) >>

Fe56 (p,n+2p) or Mn54 production log-log



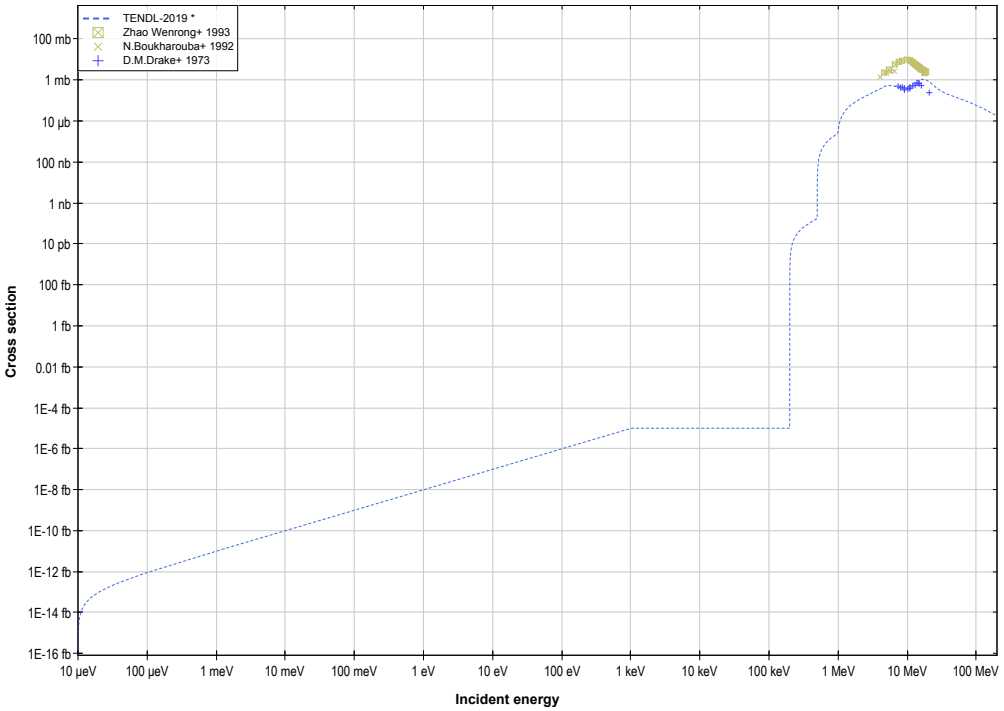
Fe56 (p,n+2p) or Mn54 production lin-log



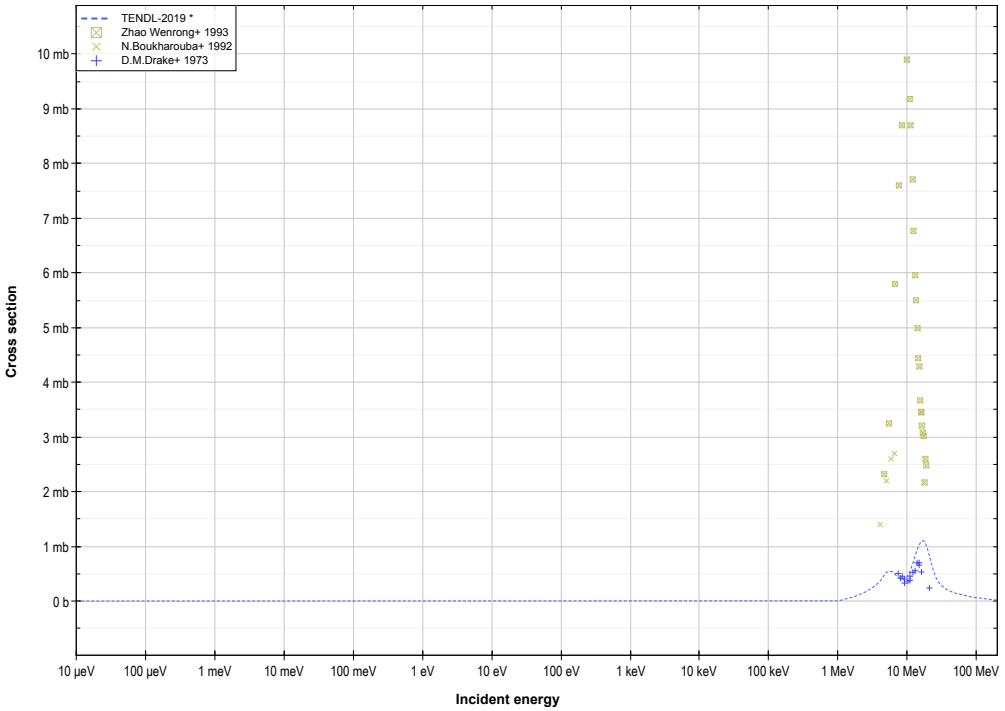
Reaction	Q-Value
Fe56(p,He3)Mn54	-12691.75 keV
Fe56(p,p+d)Mn54	-18185.22 keV
Fe56(p,n+2p)Mn54	-20409.79 keV

<< 26-Fe-54	**26-Fe-56**	26-Fe-58 >>
<< MT44 (p,n+2p)	**MT102 (p,γ) or MT5 (Co57 production)**	MT104 (p,d) >>

Fe56 (p,γ) or Co57 production log-log



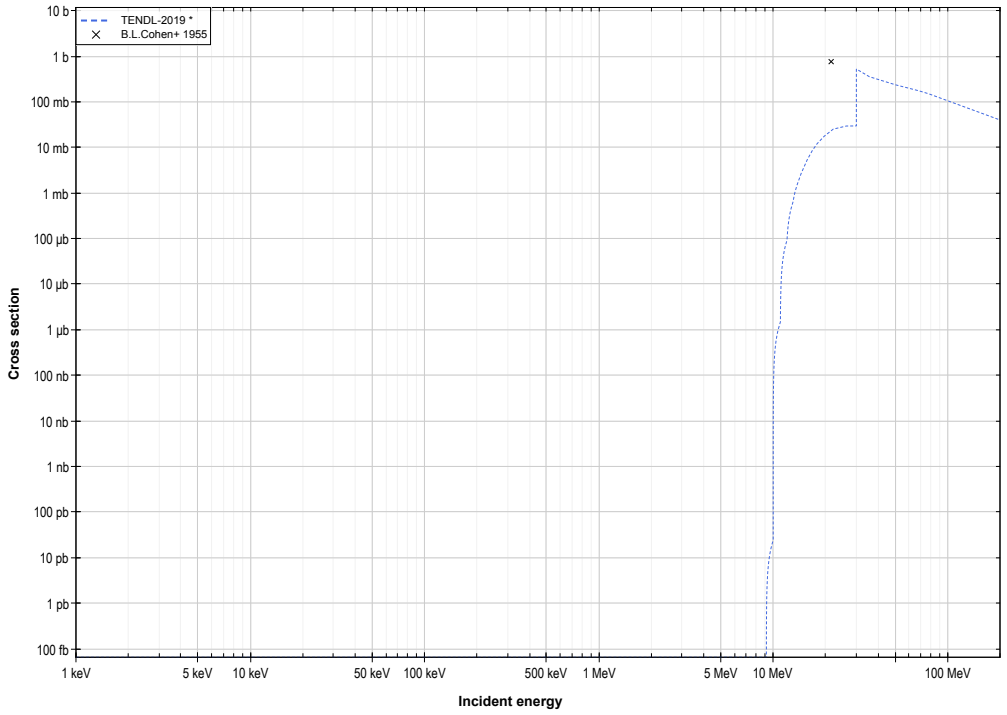
Fe56 (p,γ) or Co57 production lin-log



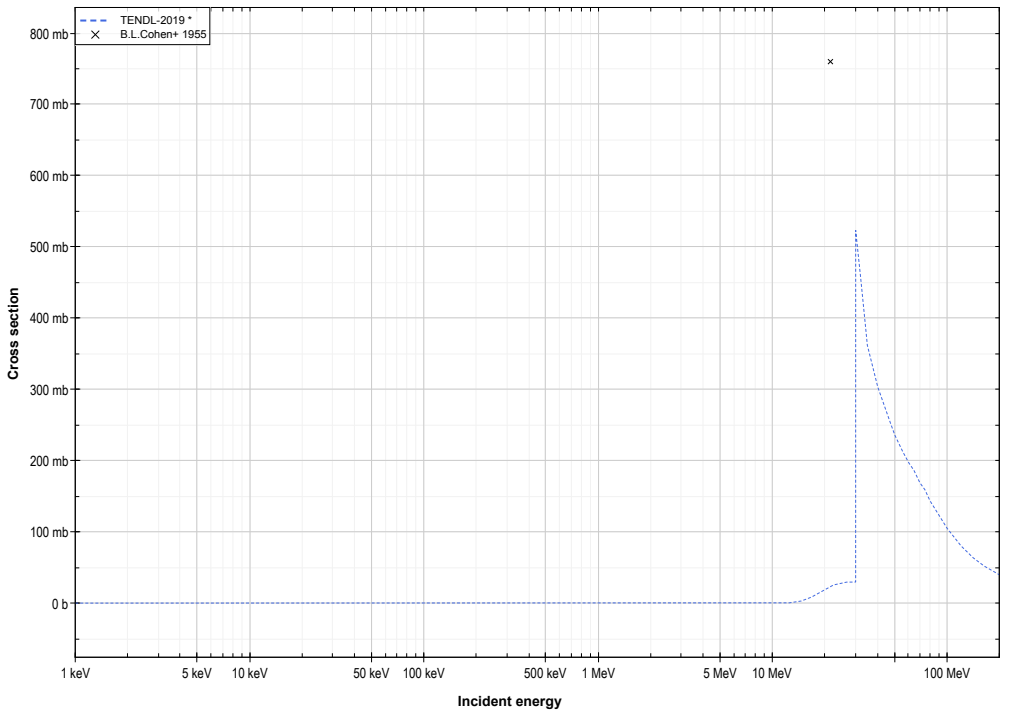
Reaction	Q-Value
Fe56(p,γ)Co57	6027.47 keV

<< 26-Fe-54	**26-Fe-56**	27-Co-59 >>
<< MT102 (p,γ)	**MT104 (p,d) or MT5 (Fe55 production)**	MT106 (p,³He) >>

Fe56 (p,d) or Fe55 production log-log



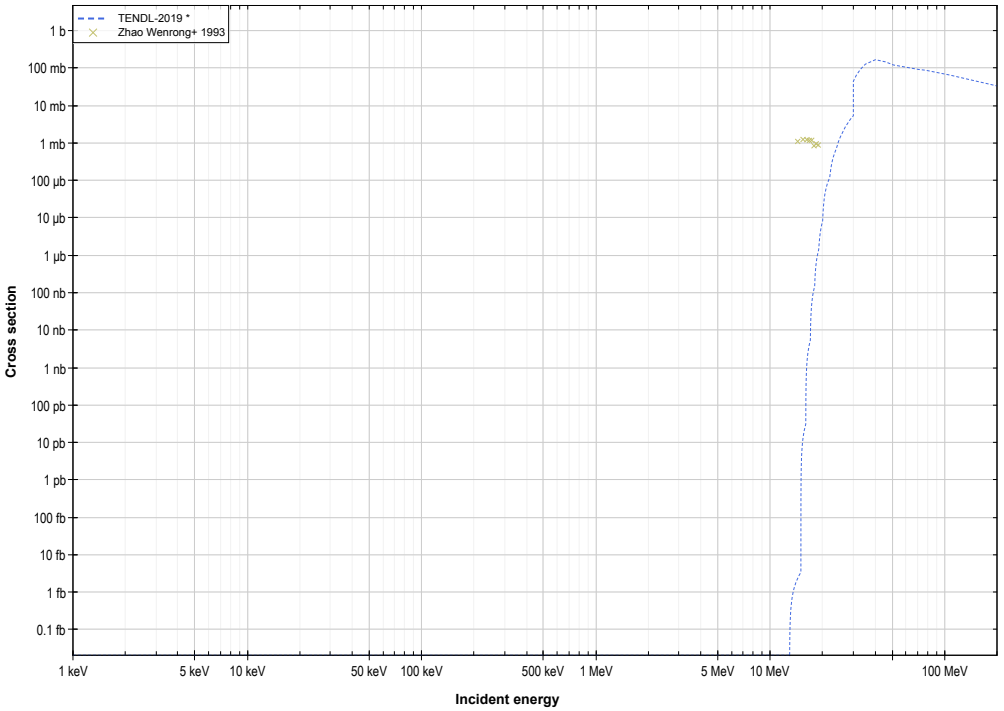
Fe56 (p,d) or Fe55 production lin-log



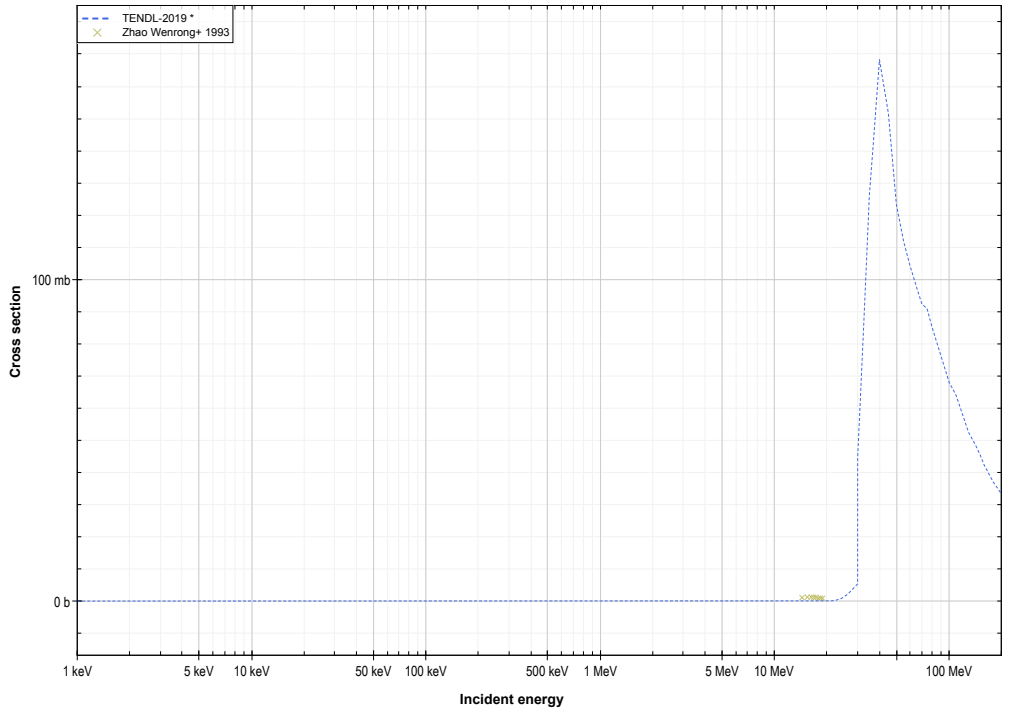
Reaction	Q-Value
Fe56(p,d)Fe55	-8972.55 keV
Fe56(p,n+p)Fe55	-11197.12 keV

<< 24-Cr-50	**26-Fe-56**	28-Ni-58 >>
<< MT104 (p,d)	**MT106 (p,³He) or MT5 (Mn54 production)**	MT115 (p,p+d) >>

Fe56 (p,³He) or Mn54 production log-log



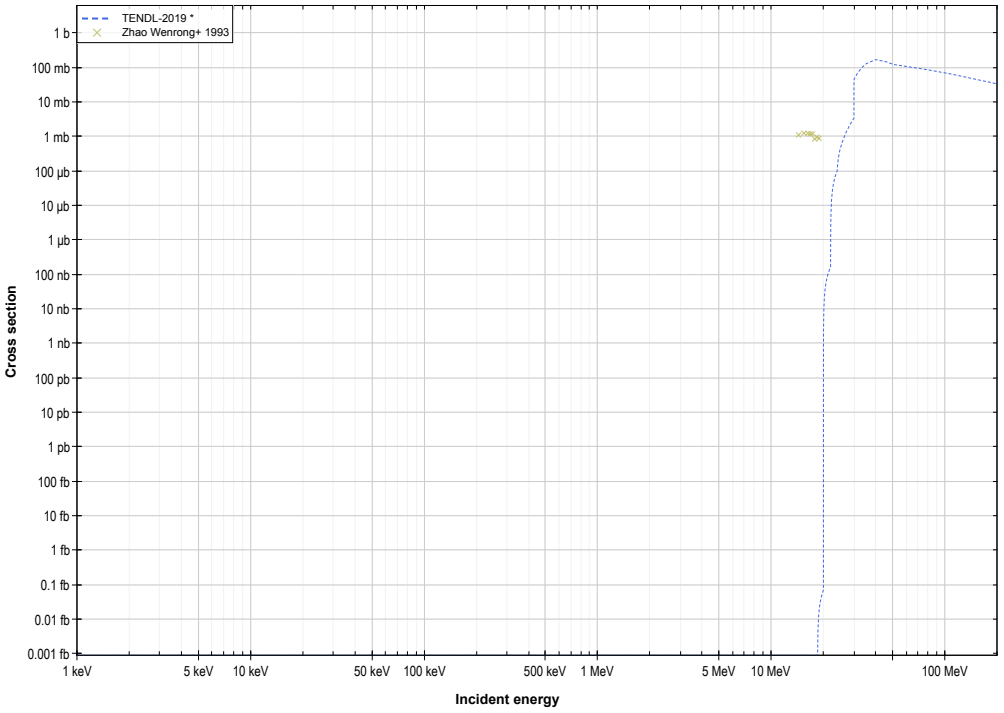
Fe56 (p,³He) or Mn54 production lin-log



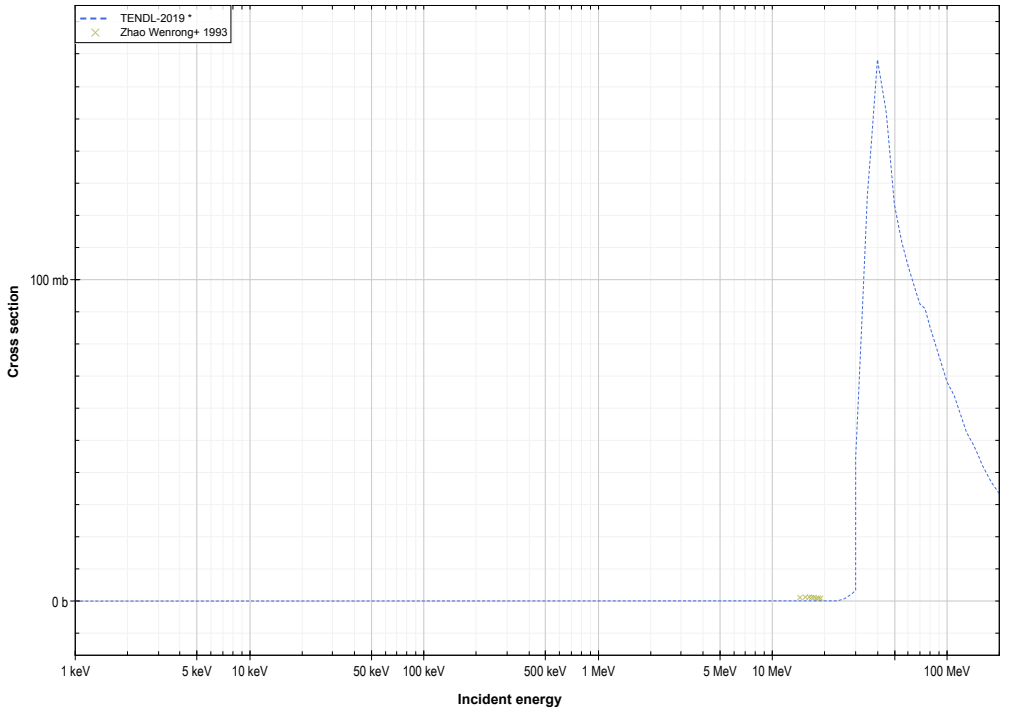
Reaction	Q-Value
Fe56(p,He3)Mn54	-12691.75 keV
Fe56(p,p+d)Mn54	-18185.22 keV
Fe56(p,n+2p)Mn54	-20409.79 keV

<< 24-Cr-50	**26-Fe-56**	28-Ni-58 >>
<< MT106 (p,³He)	**MT115 (p,p+d) or MT5 (Mn54 production)**	MT176 (p,2n+³He) >>

Fe56 (p,p+d) or Mn54 production log-log



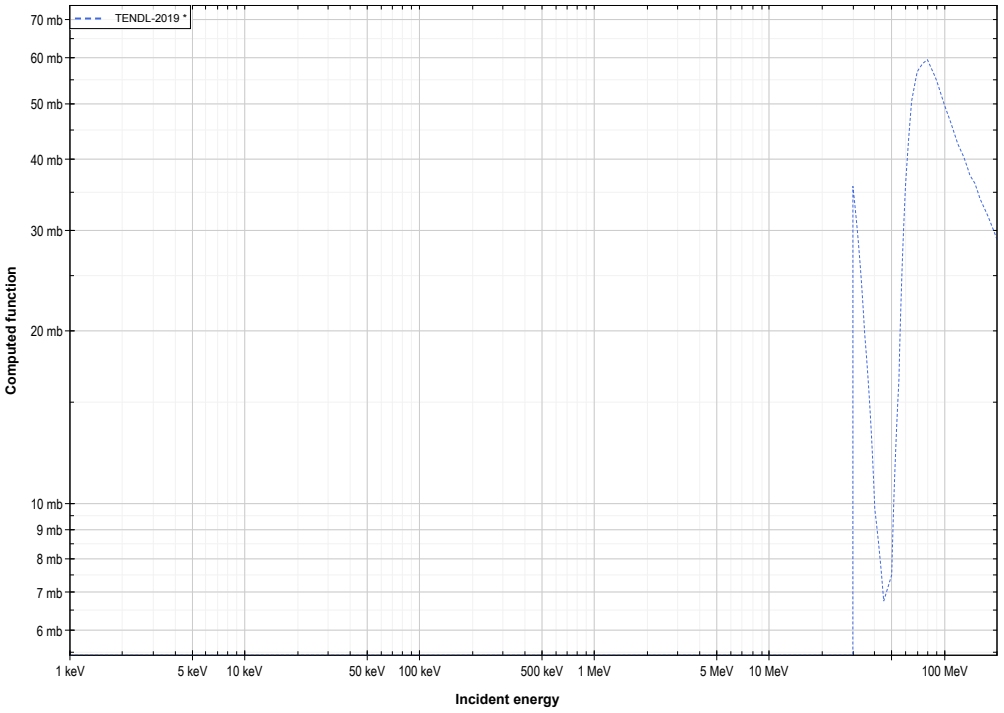
Fe56 (p,p+d) or Mn54 production lin-log



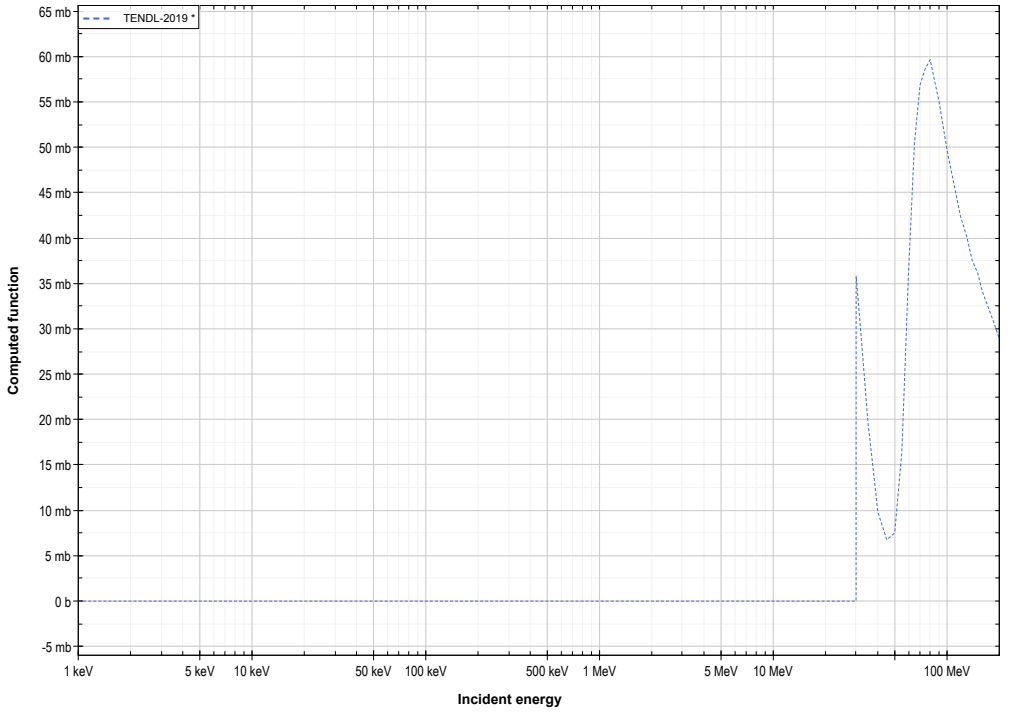
Reaction	Q-Value
Fe56(p,He3)Mn54	-12691.75 keV
Fe56(p,p+d)Mn54	-18185.22 keV
Fe56(p,n+2p)Mn54	-20409.79 keV

<< 25-Mn-55	**26-Fe-56**	26-Fe-58 >>
<< MT115 (p,p+d)	**MT176 (p,2n+³He) or MT5 (Mn52 production)**	MT179 (p,3n+2p) >>

Fe56 (p,2n+³He) or Mn52 production log-log



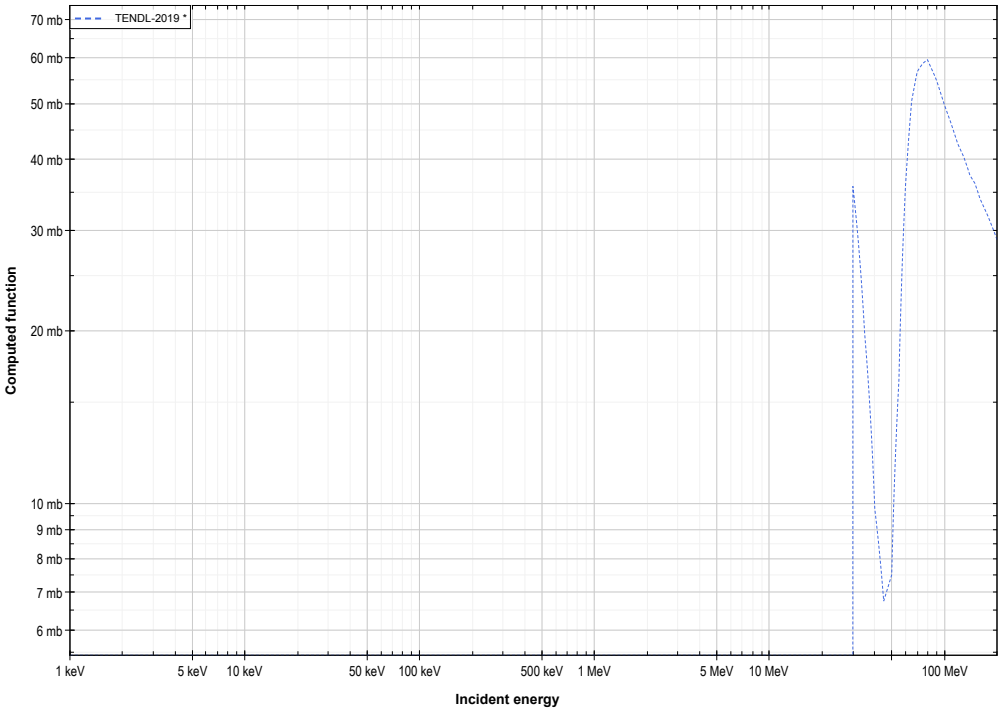
Fe56 (p,2n+³He) or Mn52 production lin-log



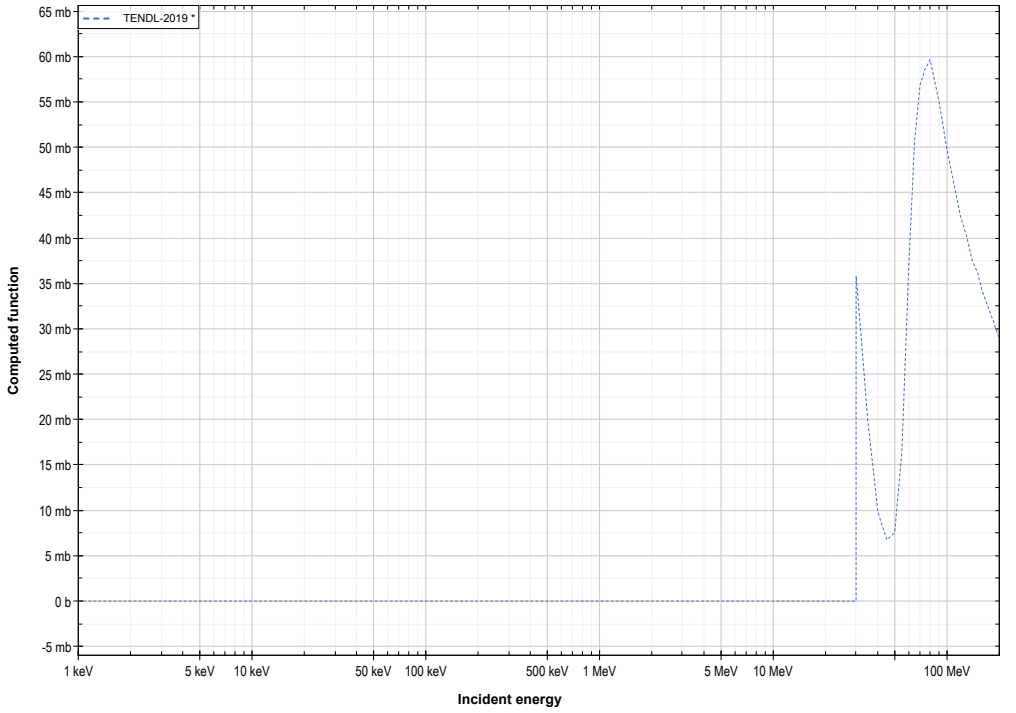
Reaction	Q-Value
Fe56(p,n+α)Mn52	-13107.06 keV
Fe56(p,d+t)Mn52	-30696.36 keV
Fe56(p,n+p+t)Mn52	-32920.93 keV
Fe56(p,2n+He3)Mn52	-33684.68 keV
Fe56(p,n+2d)Mn52	-36953.59 keV
Fe56(p,2n+p+d)Mn52	-39178.16 keV
Fe56(p,3n+2p)Mn52	-41402.72 keV

<< 25-Mn-55	**26-Fe-56**	26-Fe-58 >>
<< MT176 (p,2n+^{3}He)	**MT179 (p,3n+2p) or MT5 (Mn52 production)**	MT182 (p,d+t) >>

Fe56 (p,3n+2p) or Mn52 production log-log



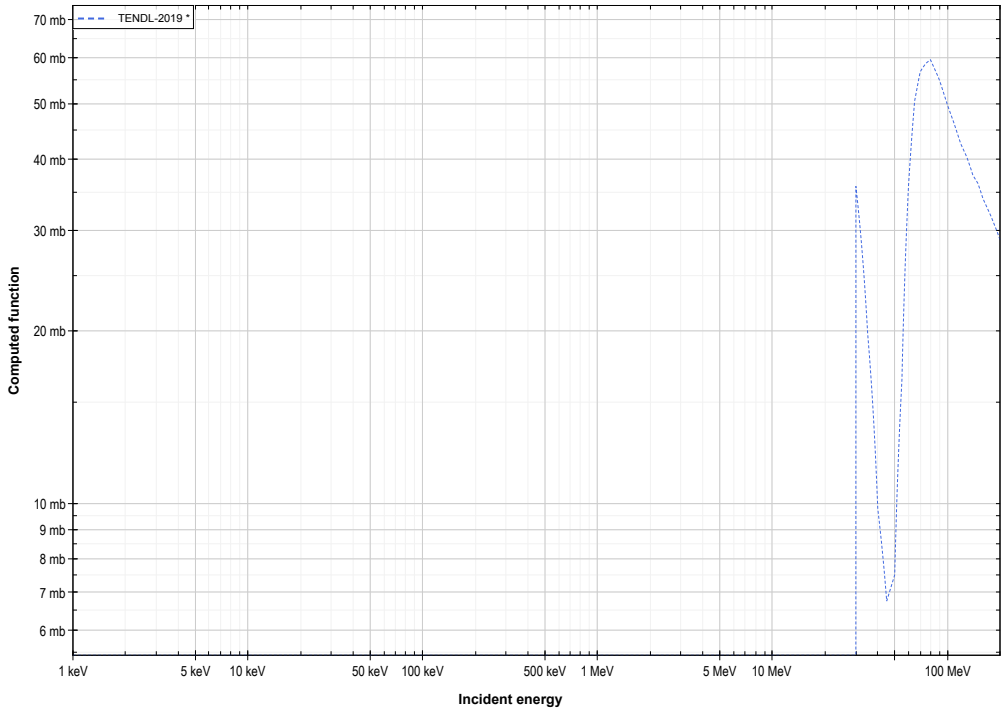
Fe56 (p,3n+2p) or Mn52 production lin-log



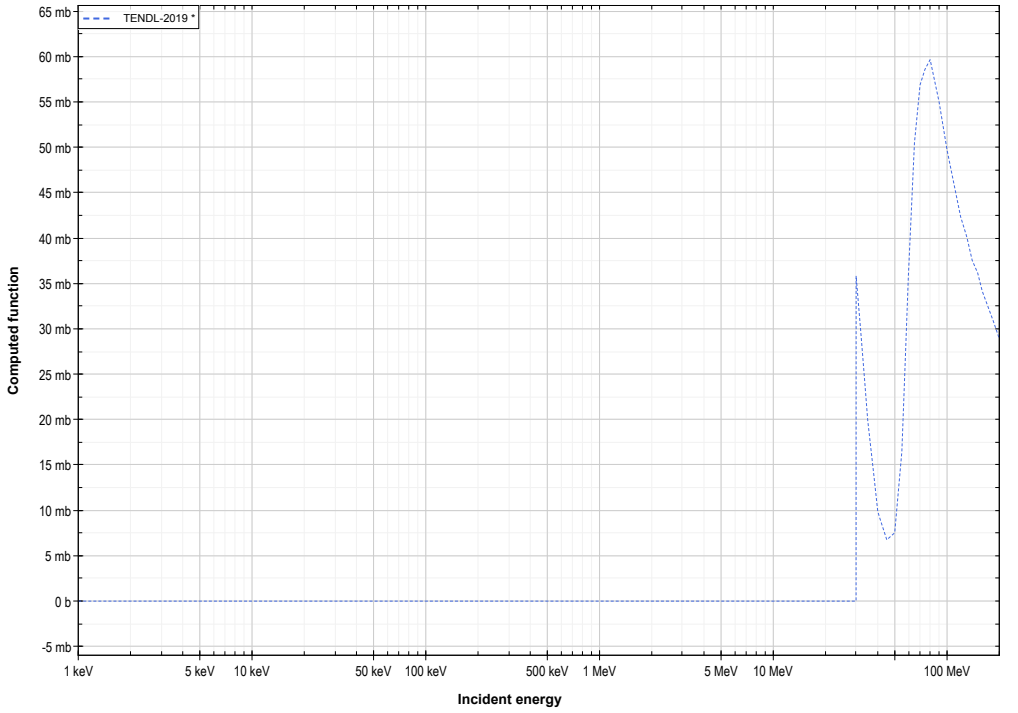
Reaction	Q-Value
Fe56(p,n+α)Mn52	-13107.06 keV
Fe56(p,d+t)Mn52	-30696.36 keV
Fe56(p,n+p+t)Mn52	-32920.93 keV
Fe56(p,2n+He3)Mn52	-33684.68 keV
Fe56(p,n+2d)Mn52	-36953.59 keV
Fe56(p,2n+p+d)Mn52	-39178.16 keV
Fe56(p,3n+2p)Mn52	-41402.72 keV

<< 25-Mn-55	**26-Fe-56**	26-Fe-58 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Mn52 production)**	MT184 (p,n+p+t) >>

Fe56 (p,d+t) or Mn52 production log-log



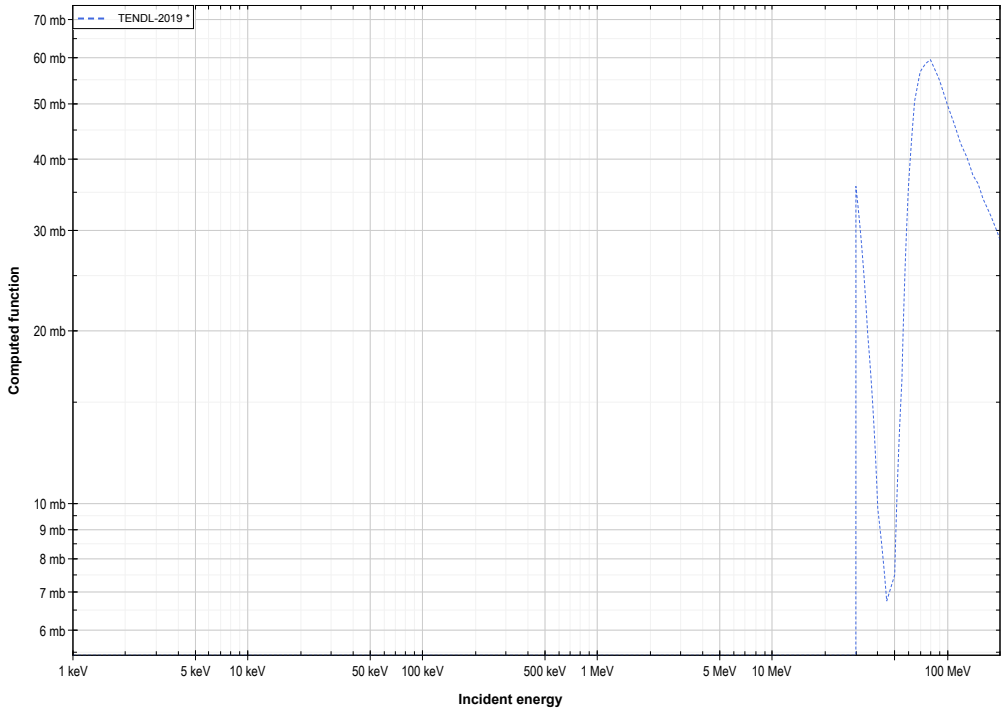
Fe56 (p,d+t) or Mn52 production lin-log



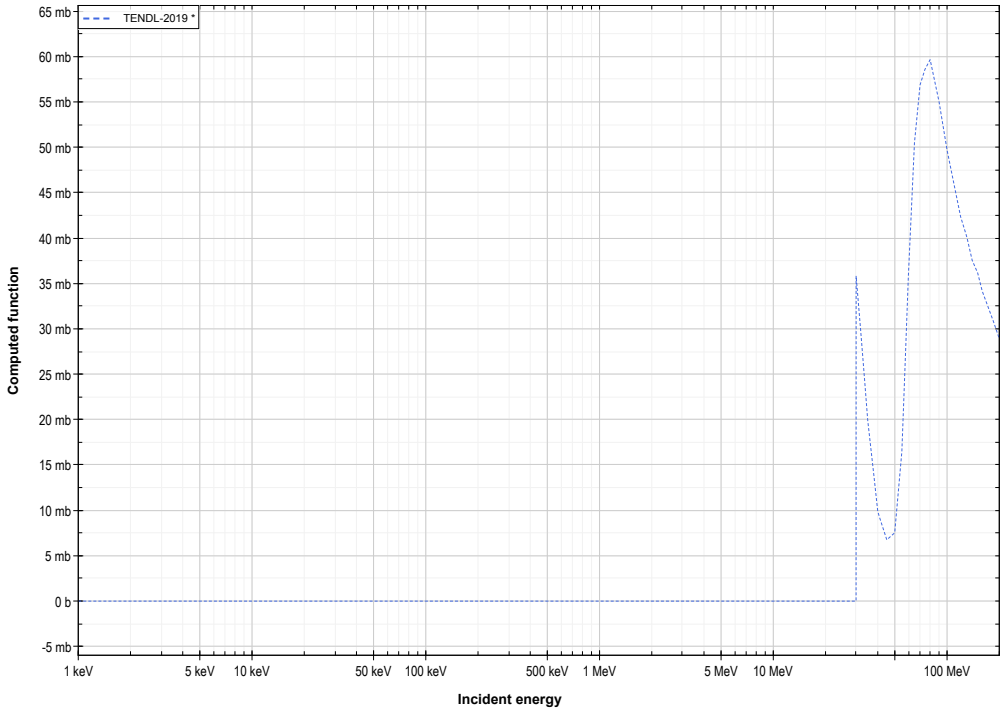
Reaction	Q-Value
Fe56(p,n+α)Mn52	-13107.06 keV
Fe56(p,d+t)Mn52	-30696.36 keV
Fe56(p,n+p+t)Mn52	-32920.93 keV
Fe56(p,2n+He3)Mn52	-33684.68 keV
Fe56(p,n+2d)Mn52	-36953.59 keV
Fe56(p,2n+p+d)Mn52	-39178.16 keV
Fe56(p,3n+2p)Mn52	-41402.72 keV

<< 25-Mn-55	**26-Fe-56**	26-Fe-58 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Mn52 production)**	26-Fe-57 MT4 (p,n) >>

Fe56 (p,n+p+t) or Mn52 production log-log



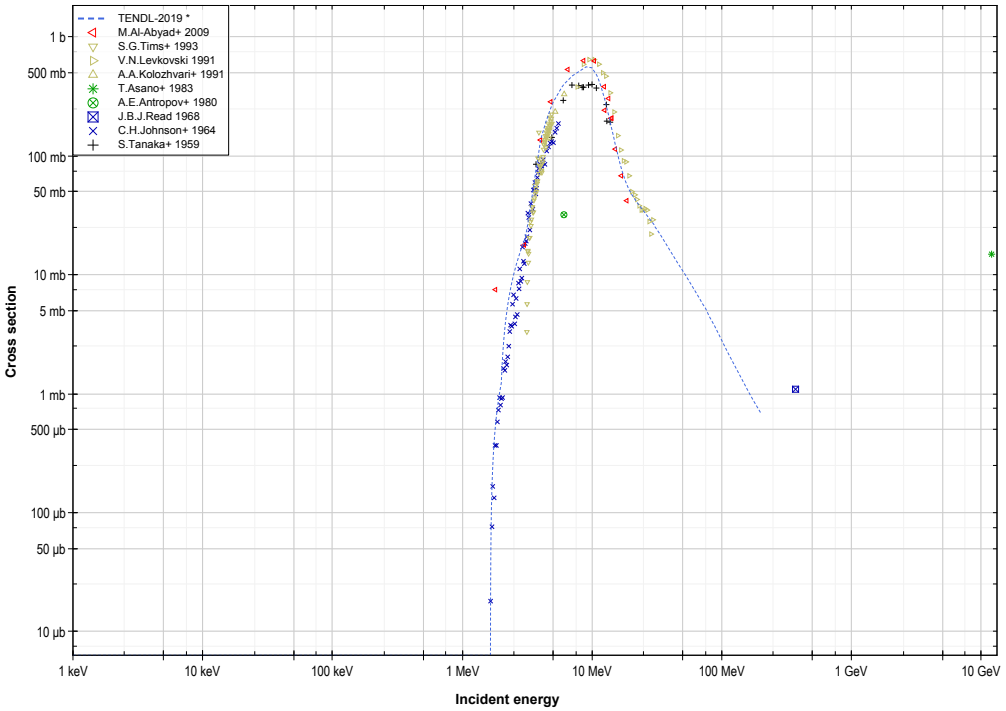
Fe56 (p,n+p+t) or Mn52 production lin-log



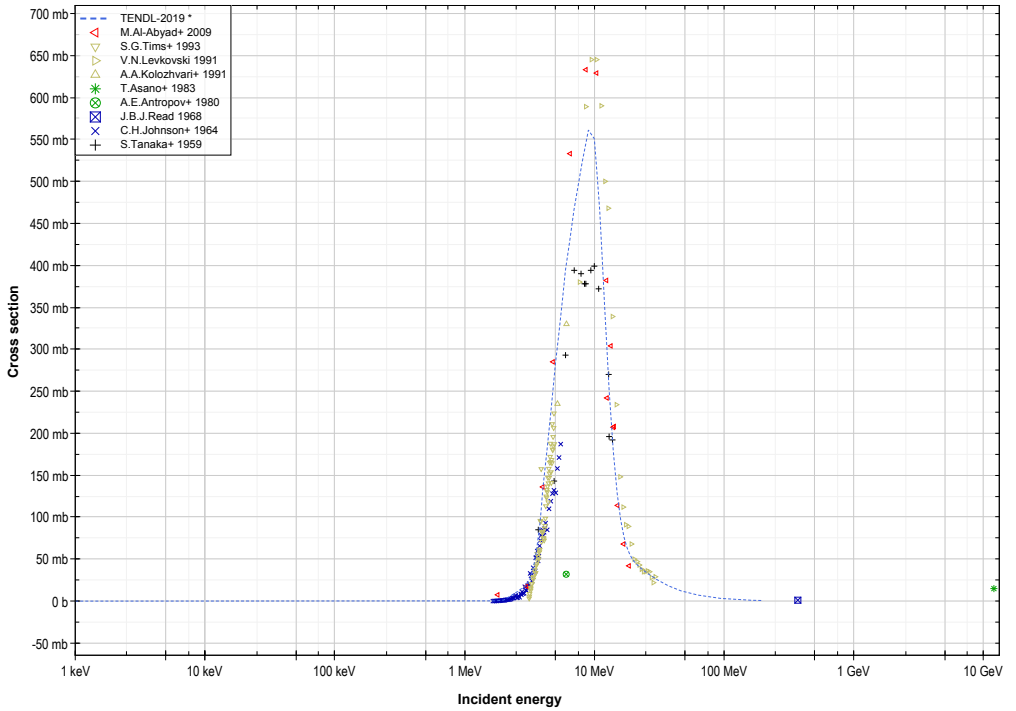
Reaction	Q-Value
Fe56(p,n+α)Mn52	-13107.06 keV
Fe56(p,d+t)Mn52	-30696.36 keV
Fe56(p,n+p+t)Mn52	-32920.93 keV
Fe56(p,2n+He3)Mn52	-33684.68 keV
Fe56(p,n+2d)Mn52	-36953.59 keV
Fe56(p,2n+p+d)Mn52	-39178.16 keV
Fe56(p,3n+2p)Mn52	-41402.72 keV

<< 26-Fe-56	**26-Fe-57**	26-Fe-58 >>
<< 26-Fe-56 MT184 (p,n+p+t)	**MT4 (p,n) or MT5 (Co57 production)**	MT16 (p,2n) >>

Fe57 (p,n) or Co57 production log-log



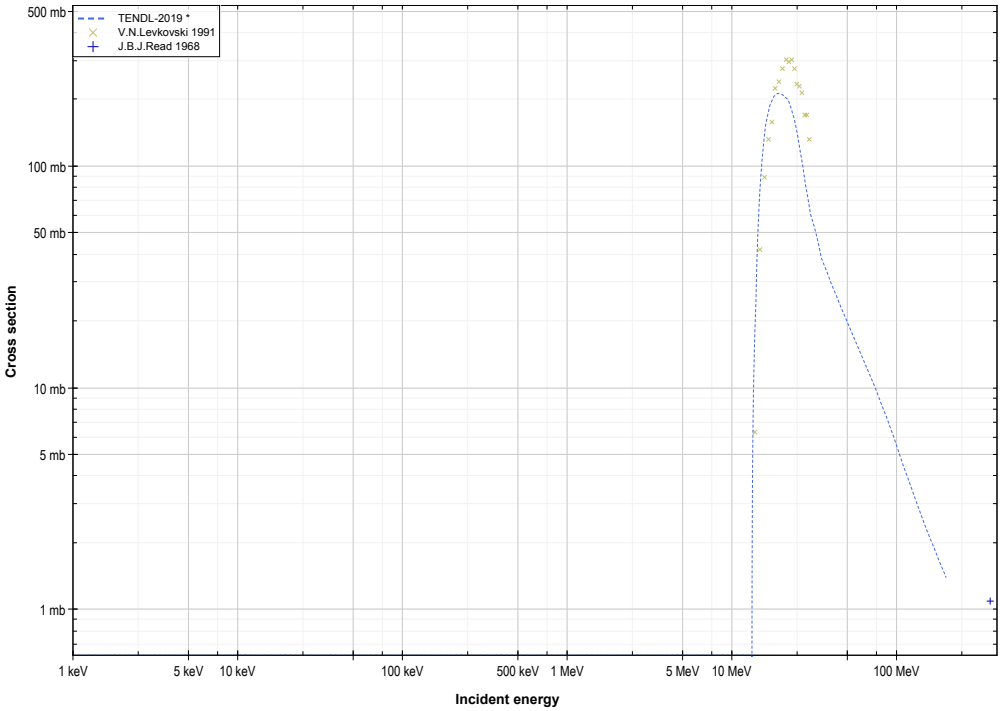
Fe57 (p,n) or Co57 production lin-log



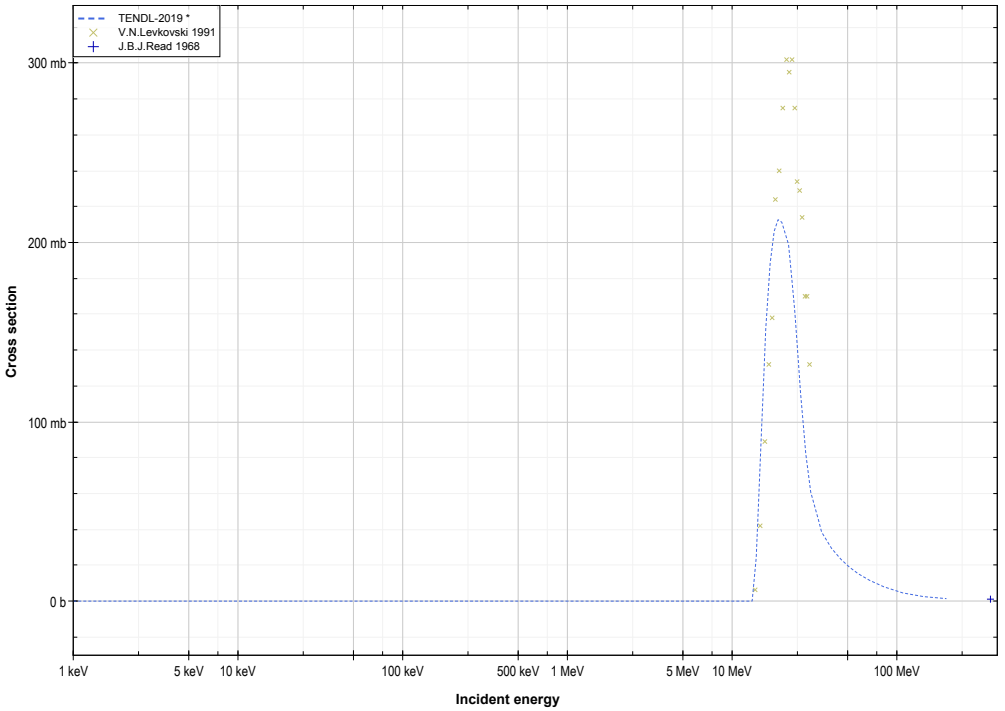
Reaction	Q-Value
Fe57(p,n)Co57	-1618.55 keV

<< 26-Fe-56	**26-Fe-57**	26-Fe-58 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Co56 production)**	MT17 (p,3n) >>

Fe57 (p,2n) or Co56 production log-log



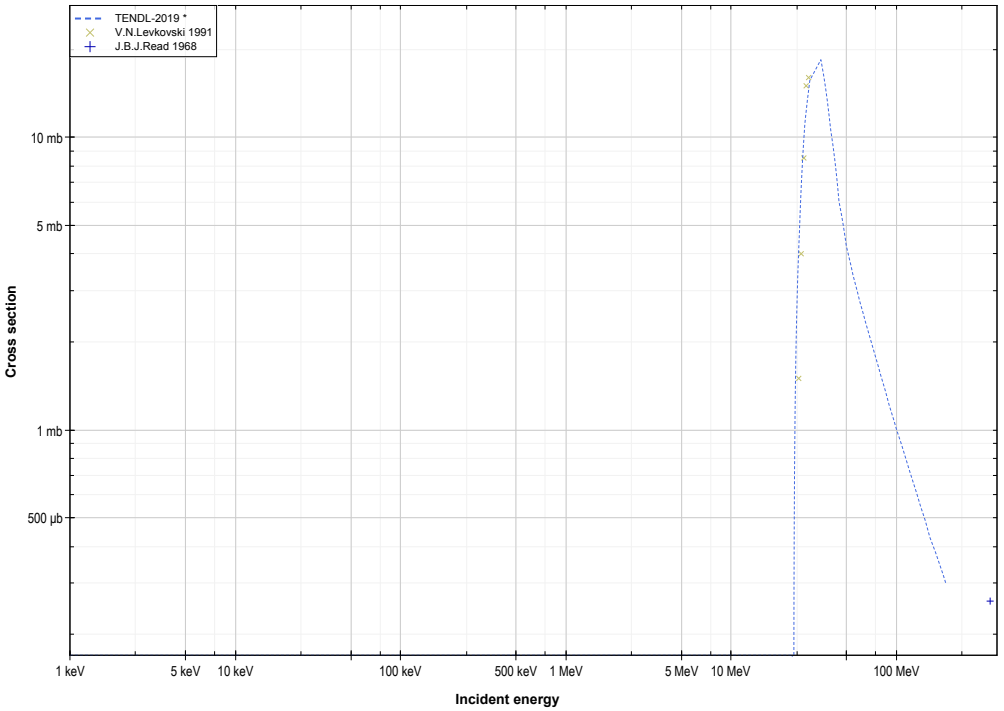
Fe57 (p,2n) or Co56 production lin-log



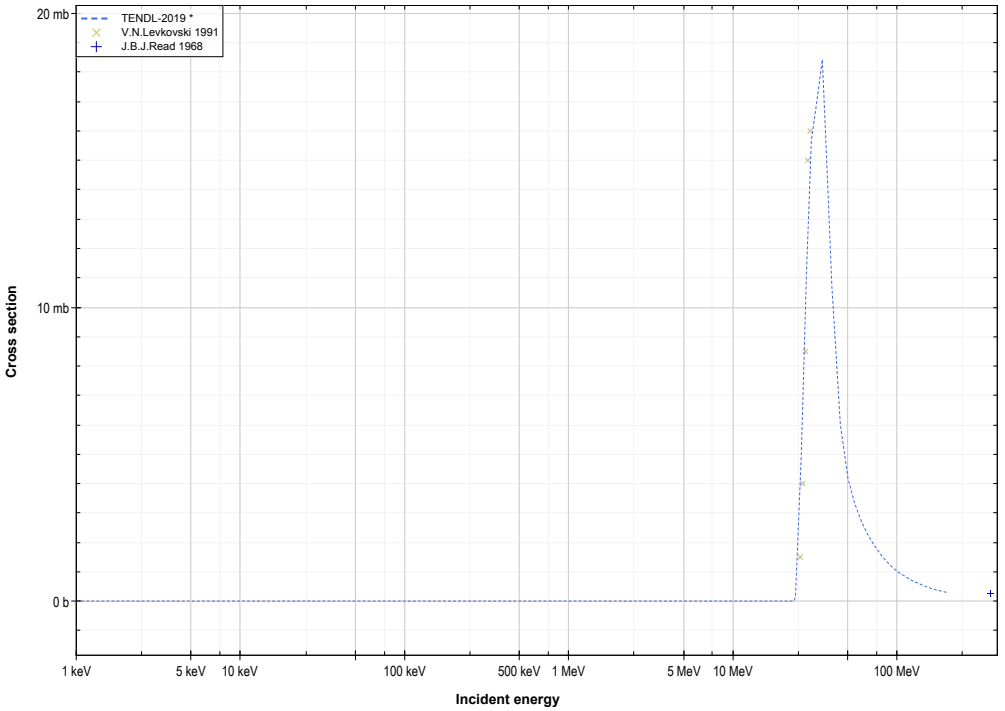
Reaction	Q-Value
Fe57(p,2n)Co56	-12995.06 keV

<< 25-Mn-55	**26-Fe-57**	26-Fe-58 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Co55 production)**	MT41 (p,2n+p) >>

Fe57 (p,3n) or Co55 production log-log



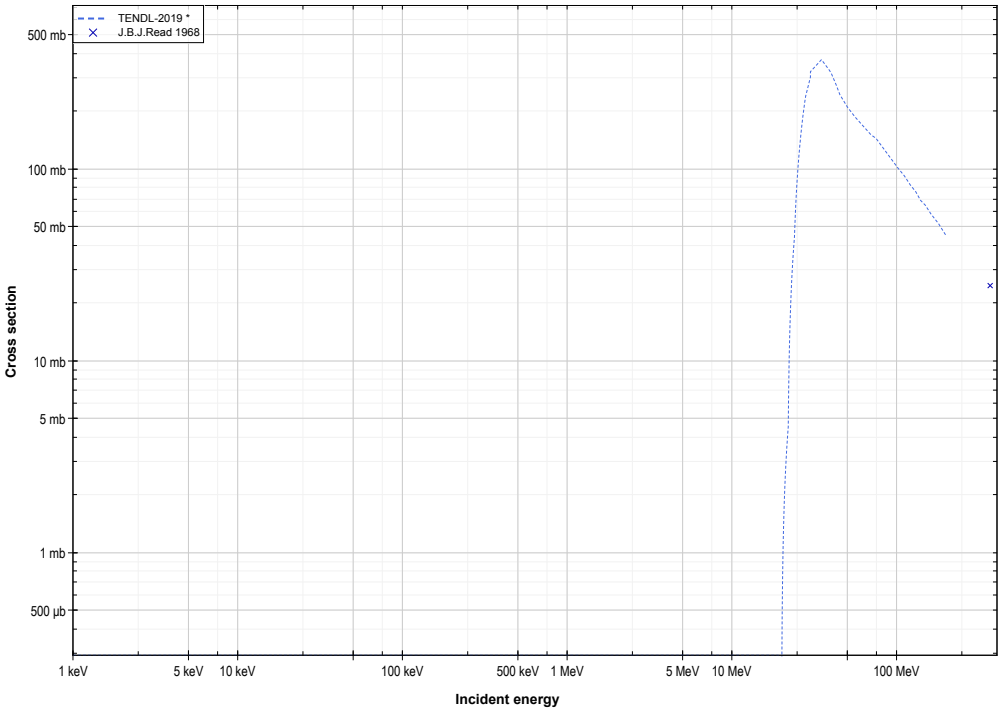
Fe57 (p,3n) or Co55 production lin-log



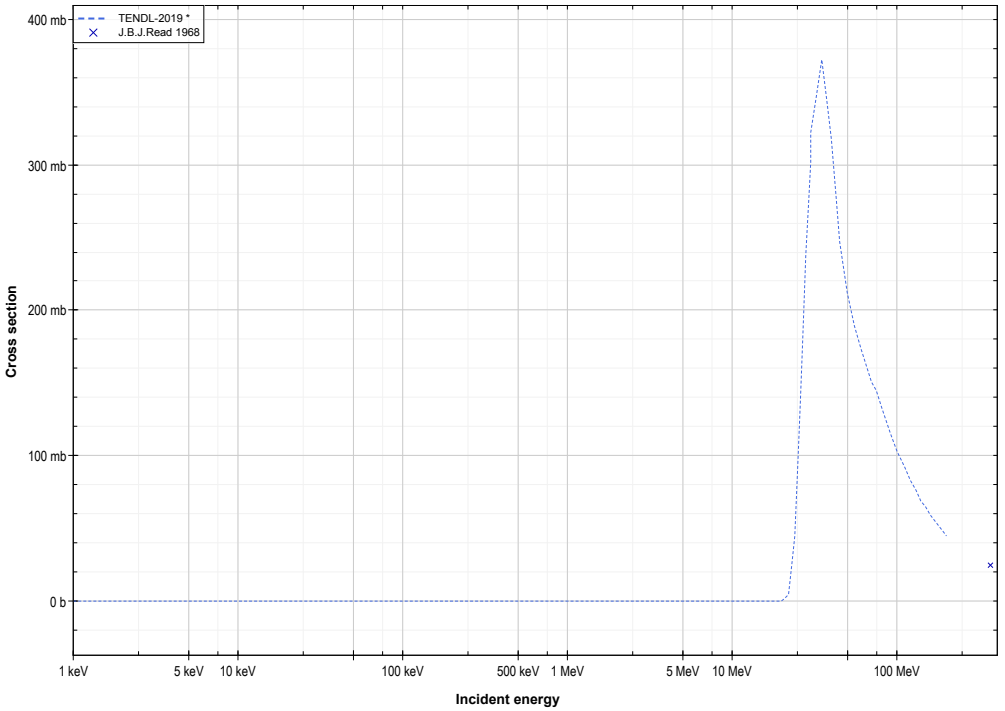
Reaction	Q-Value
Fe57(p,3n)Co55	-23076.88 keV

<< 24-Cr-50	**26-Fe-57**	27-Co-59 >>
<< MT17 (p,3n)	**MT41 (p,2n+p) or MT5 (Fe55 production)**	MT107 (p,α) >>

Fe57 (p,2n+p) or Fe55 production log-log



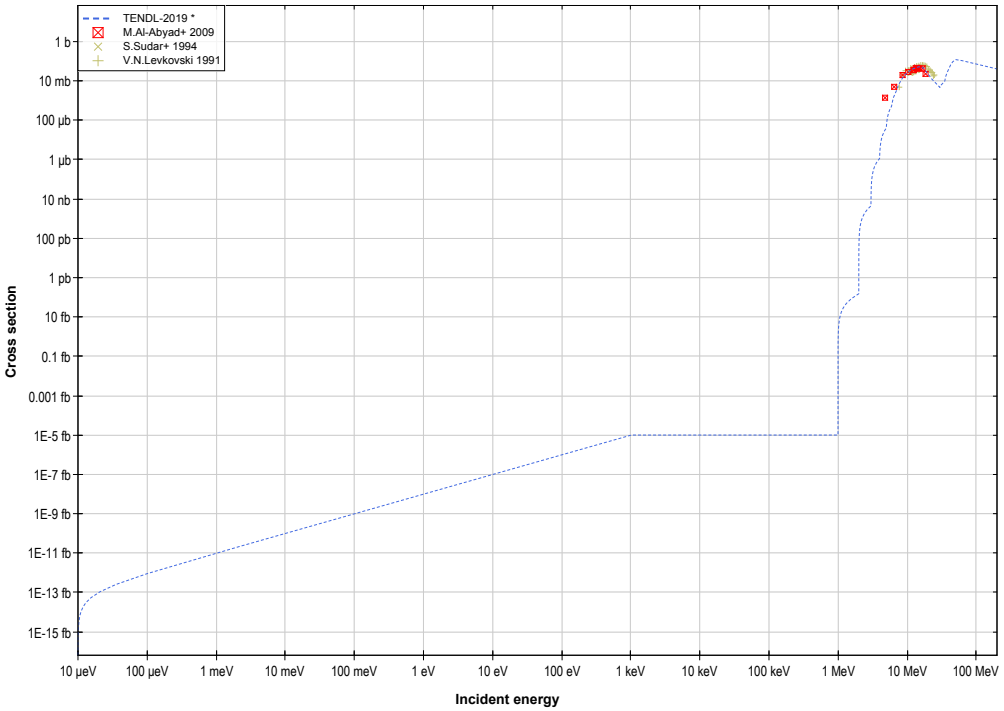
Fe57 (p,2n+p) or Fe55 production lin-log



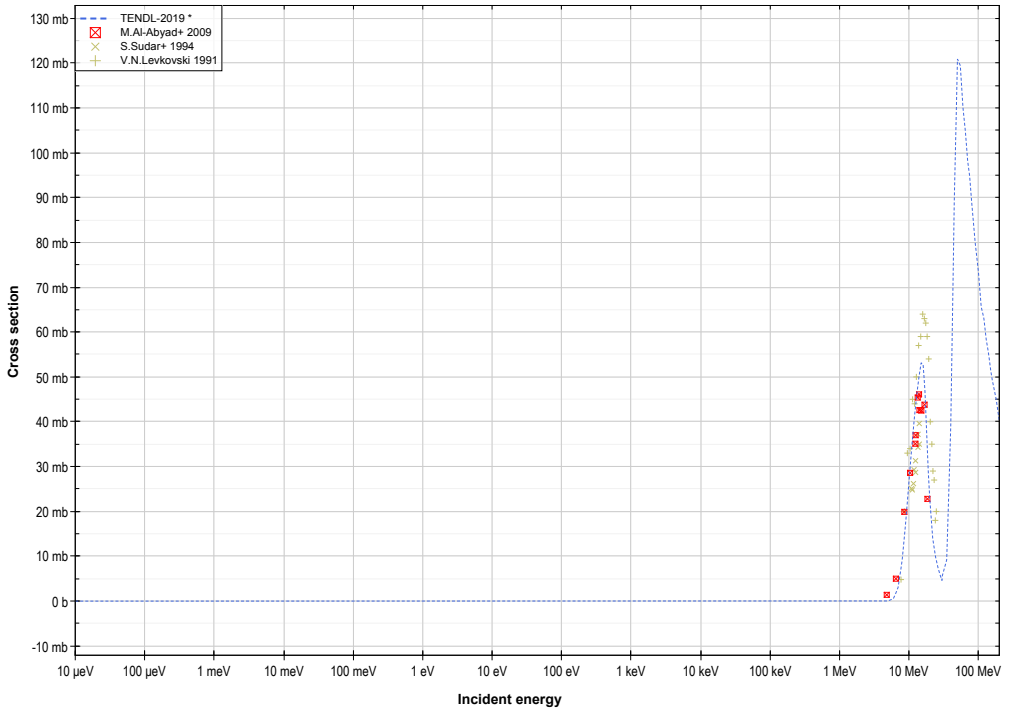
Reaction	Q-Value
Fe57(p,t)Fe55	-10361.34 keV
Fe57(p,n+d)Fe55	-16618.57 keV
Fe57(p,2n+p)Fe55	-18843.13 keV

<< 26-Fe-54	**26-Fe-57**	28-Ni-58 >>
<< MT41 (p,2n+p)	**MT107 (p,α) or MT5 (Mn54 production)**	MT111 (p,2p) >>

Fe57 (p,α) or Mn54 production log-log



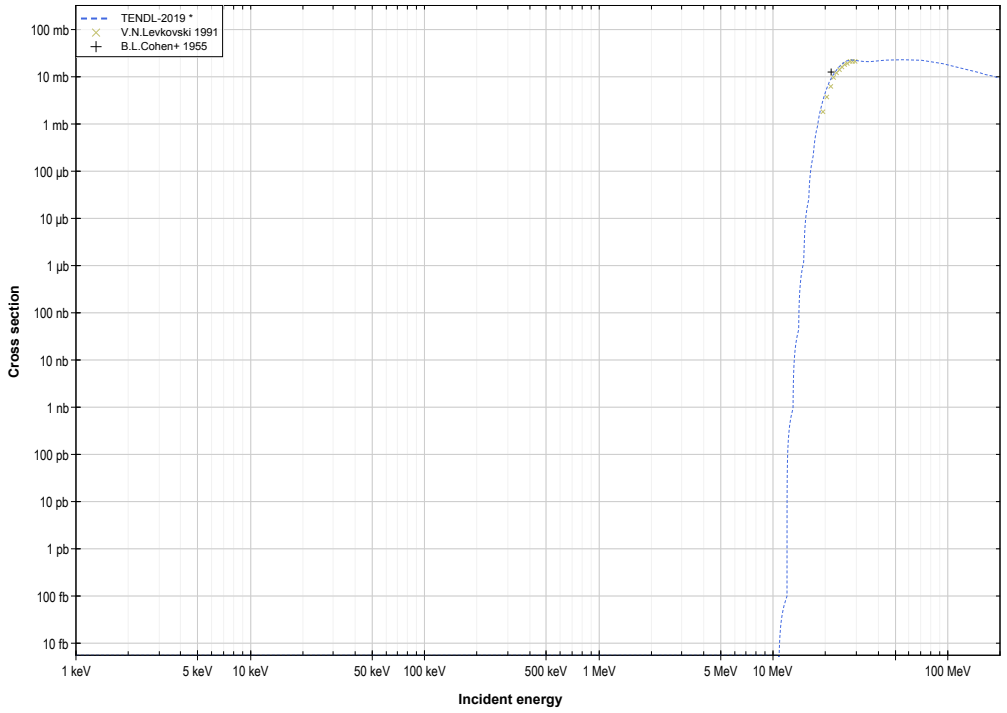
Fe57 (p,α) or Mn54 production lin-log



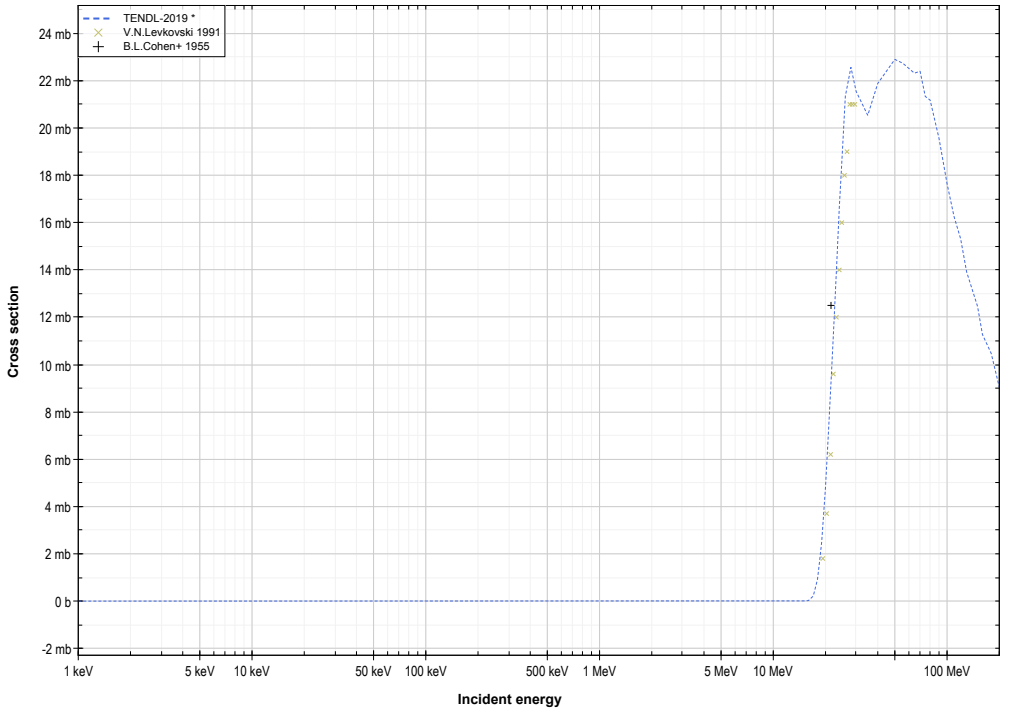
Reaction	Q-Value
Fe57(p,α)Mn54	239.85 keV
Fe57(p,p+t)Mn54	-19574.01 keV
Fe57(p,n+He3)Mn54	-20337.76 keV
Fe57(p,2d)Mn54	-23606.67 keV
Fe57(p,n+p+d)Mn54	-25831.24 keV
Fe57(p,2n+2p)Mn54	-28055.80 keV

<< 22-Ti-49	**26-Fe-57**	28-Ni-58 >>
<< MT107 (p,α)	**MT111 (p,2p) or MT5 (Mn56 production)**	26-Fe-58 MT4 (p,n) >>

Fe57 (p,2p) or Mn56 production log-log



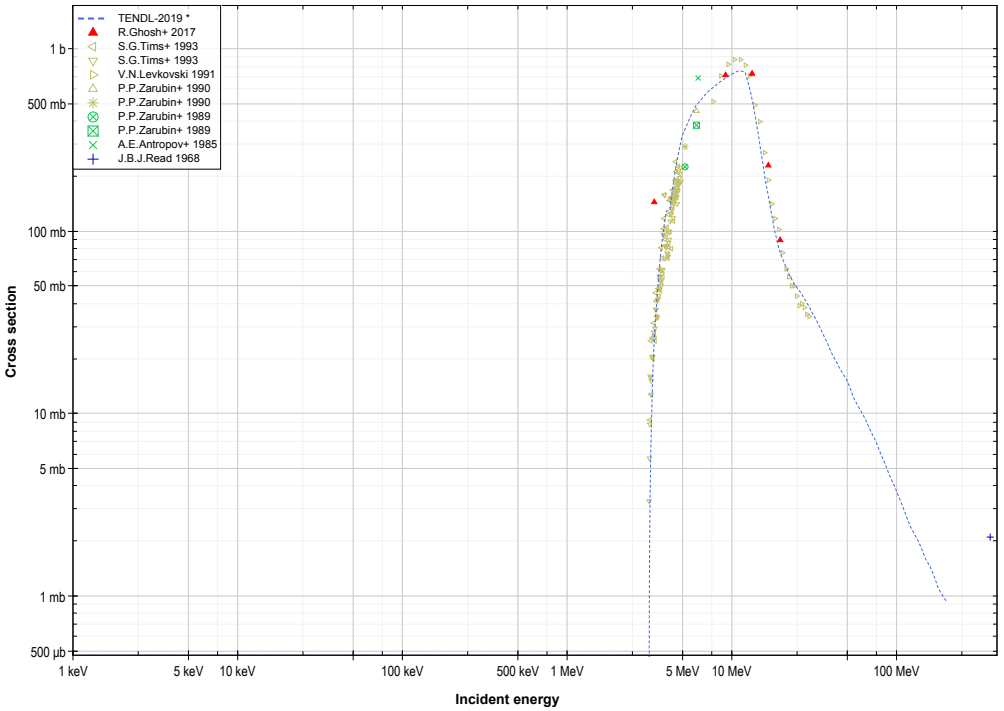
Fe57 (p,2p) or Mn56 production lin-log



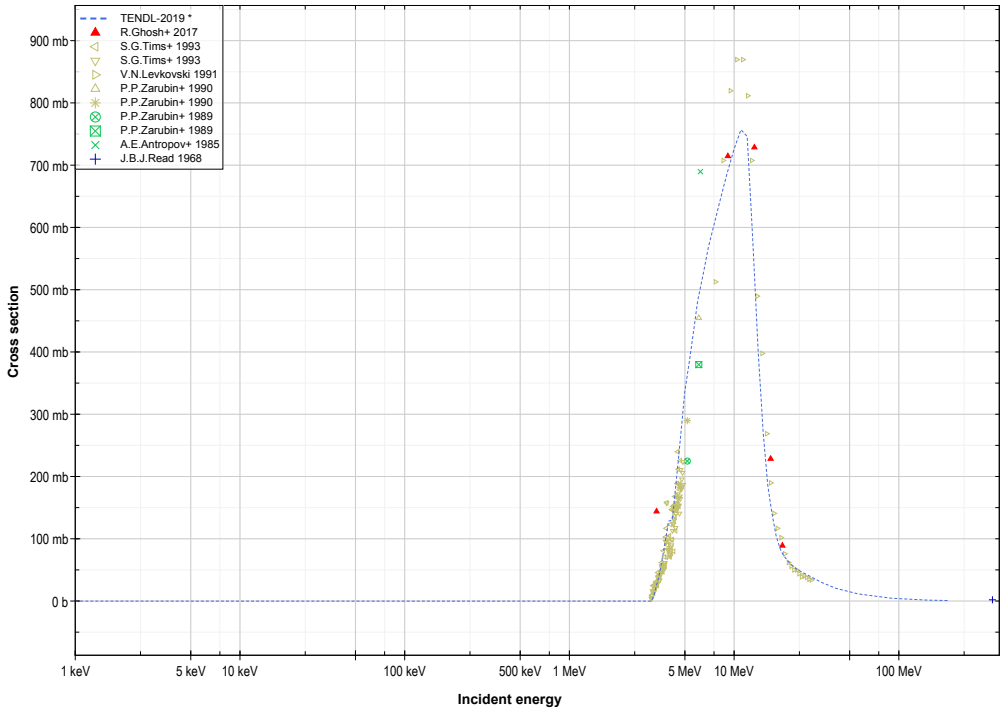
Reaction	Q-Value
Fe57(p,2p)Mn56	-10559.27 keV

<< 26-Fe-57	**26-Fe-58**	27-Co-59 >>
<< 26-Fe-57 MT111 (p,2p)	**MT4 (p,n) or MT5 (Co58 production)**	MT16 (p,2n) >>

Fe58 (p,n) or Co58 production log-log



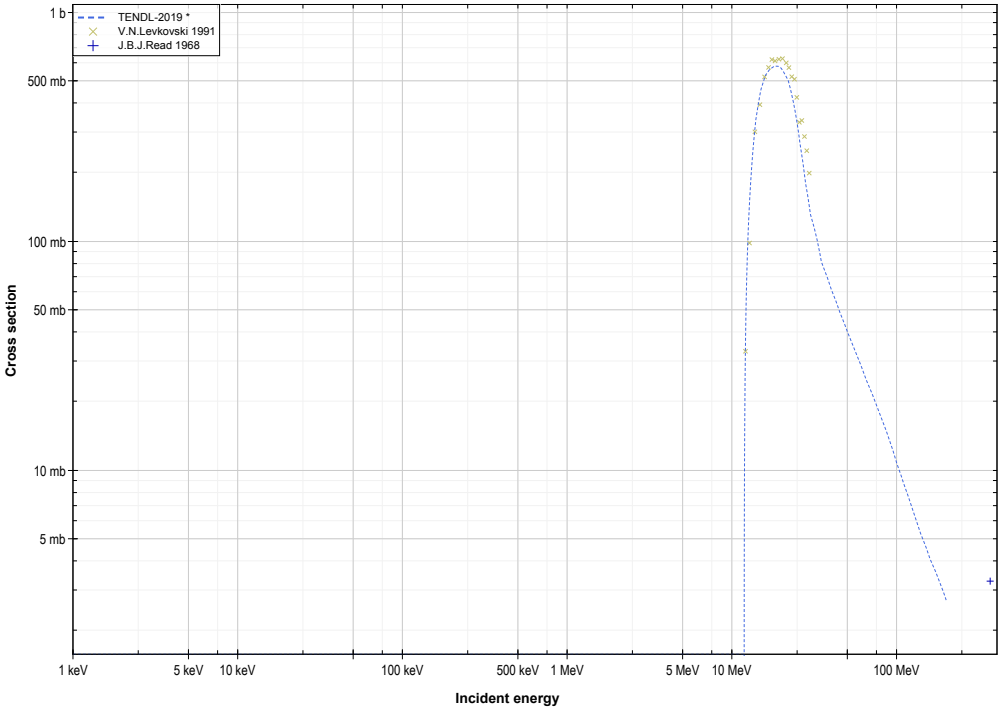
Fe58 (p,n) or Co58 production lin-log



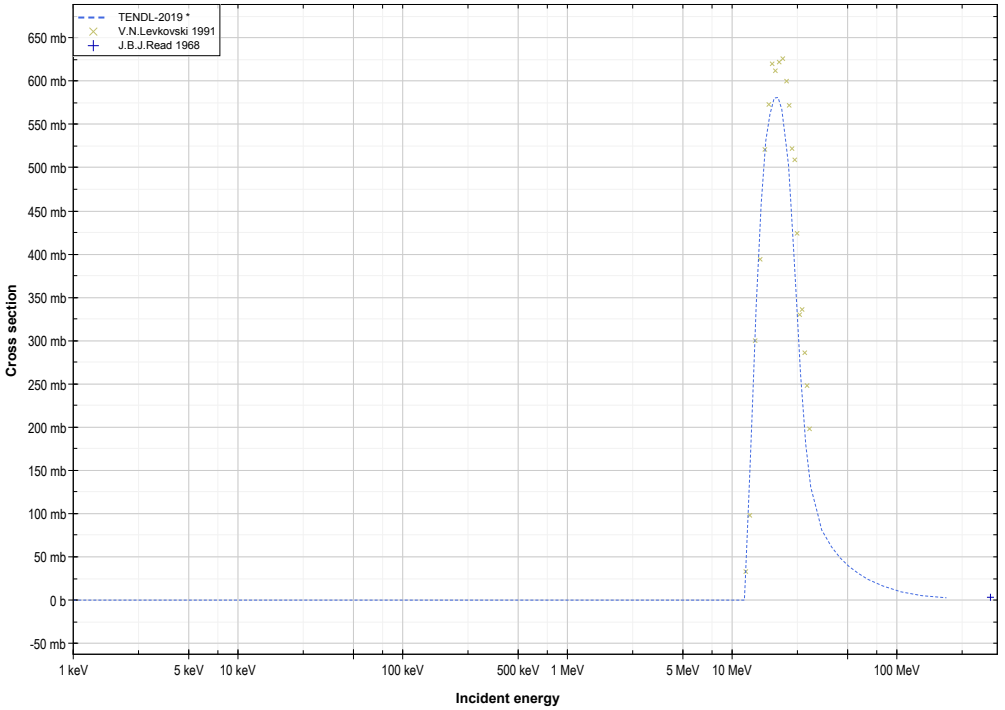
Reaction	Q-Value
Fe58(p,n)Co58	-3090.25 keV

<< 26-Fe-57	**26-Fe-58**	28-Ni-61 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Co57 production)**	MT17 (p,3n) >>

Fe58 (p,2n) or Co57 production log-log



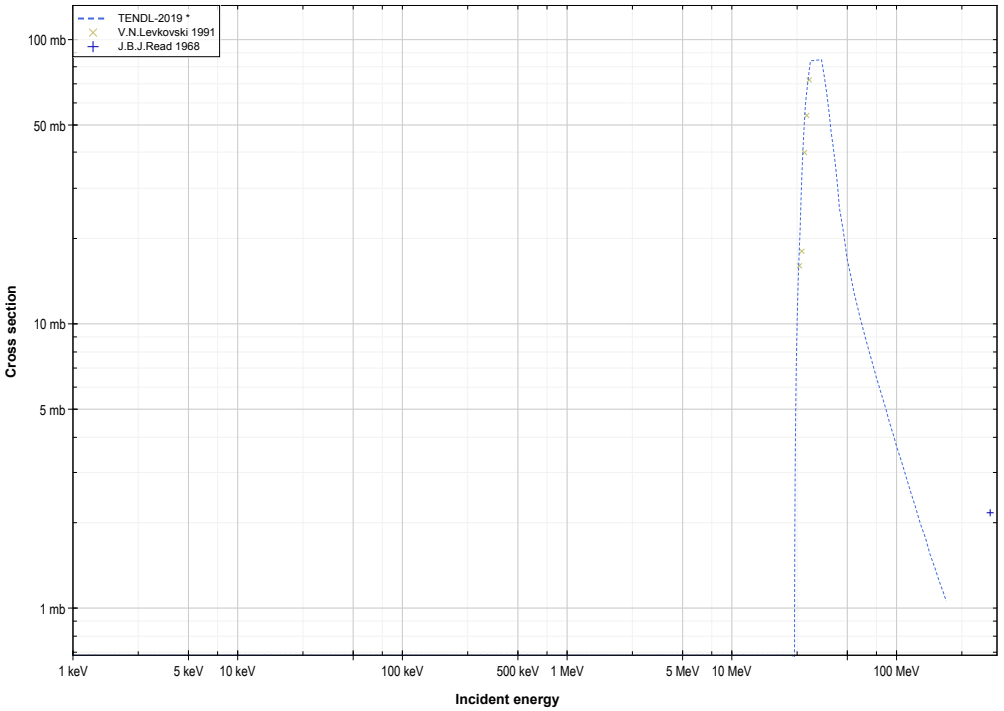
Fe58 (p,2n) or Co57 production lin-log



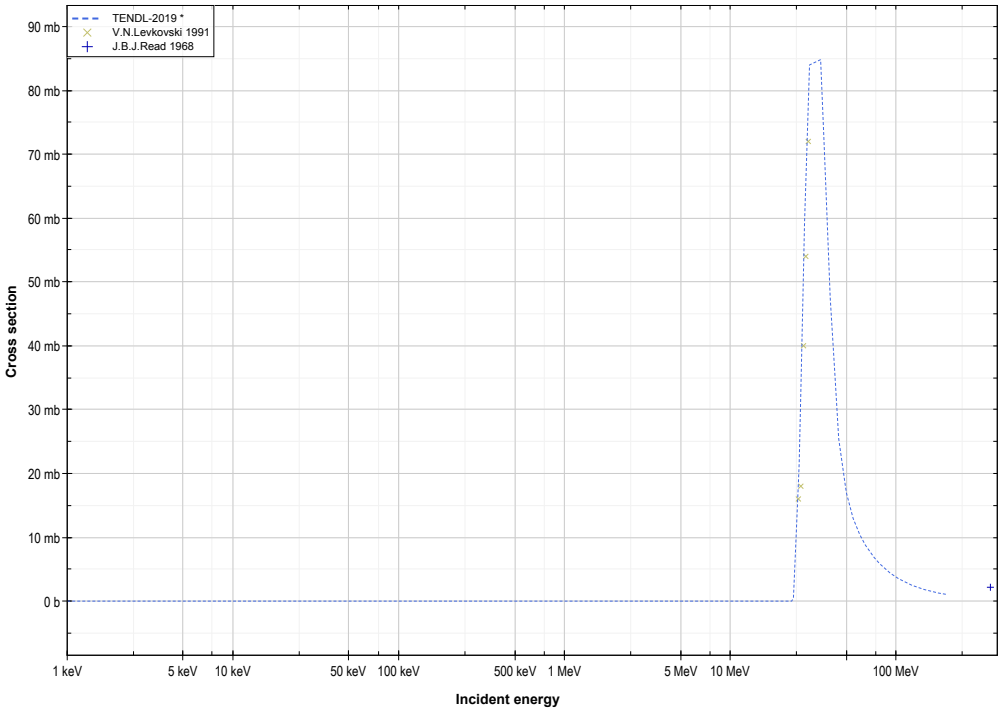
Reaction	Q-Value
Fe58(p,2n)Co57	-11663.16 keV

<< 26-Fe-57	**26-Fe-58**	27-Co-59 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Co56 production)**	MT22 (p,n+α) >>

Fe58 (p,3n) or Co56 production log-log



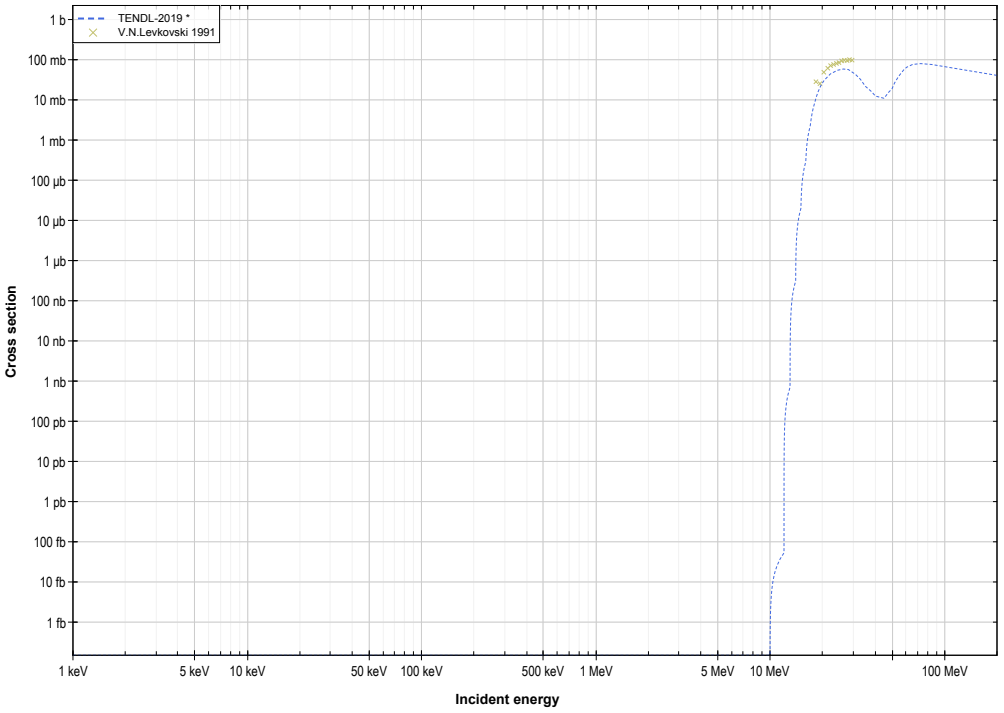
Fe58 (p,3n) or Co56 production lin-log



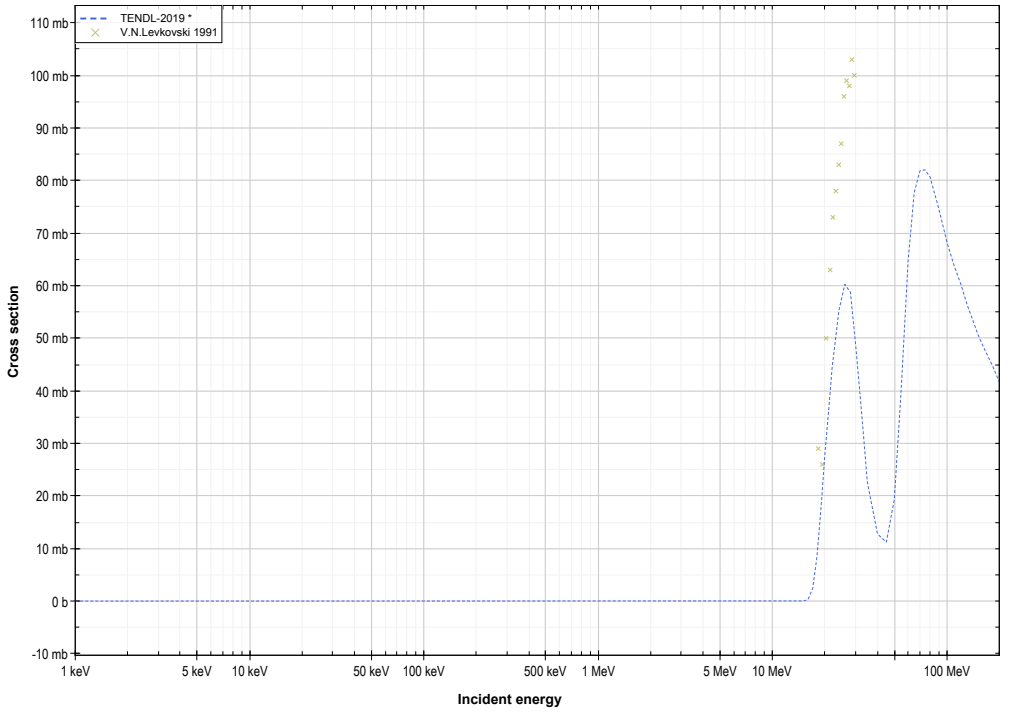
Reaction	Q-Value
Fe58(p,3n)Co56	-23039.68 keV

<< 26-Fe-56	**26-Fe-58**	28-Ni-60 >>
<< MT17 (p,3n)	**MT22 (p,n+α) or MT5 (Mn54 production)**	MT37 (p,4n) >>

Fe58 (p,n+α) or Mn54 production log-log



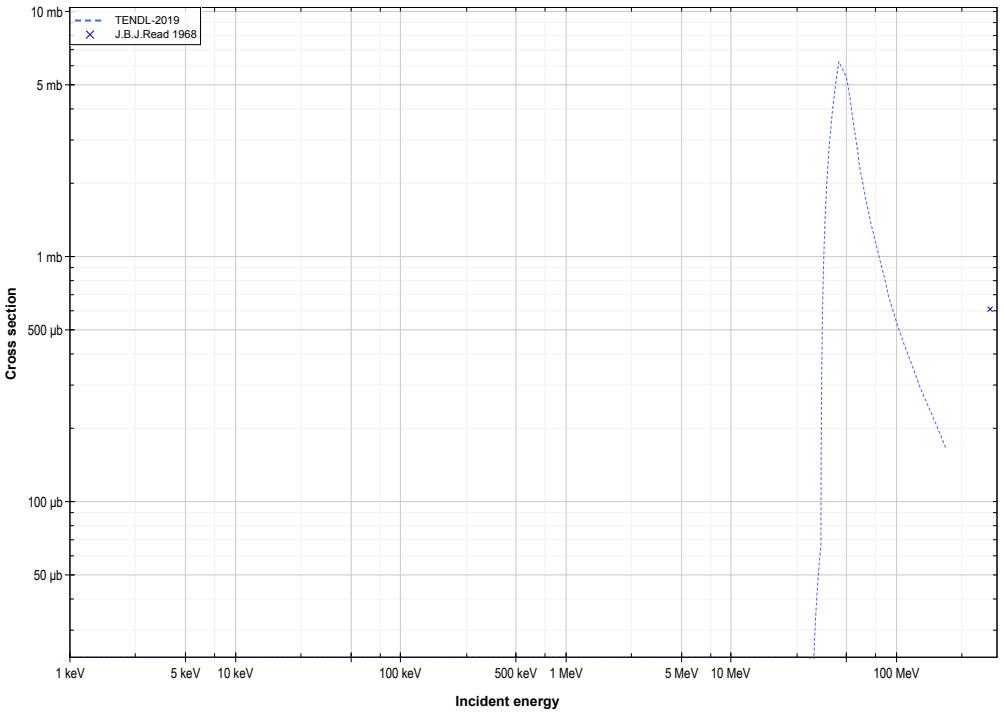
Fe58 (p,n+α) or Mn54 production lin-log



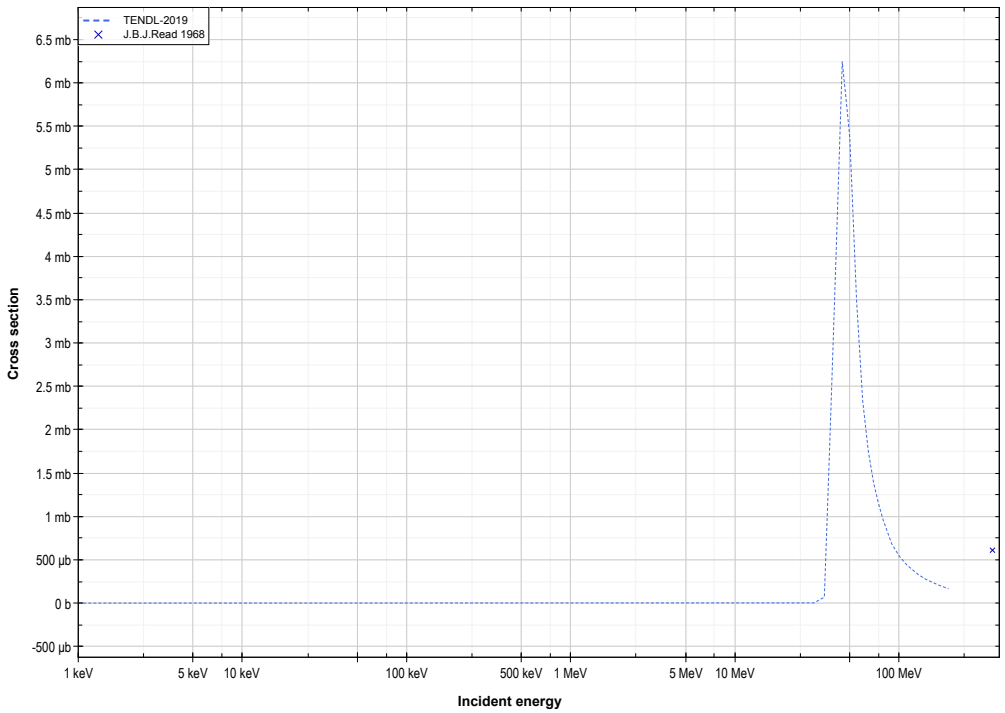
Reaction	Q-Value
Fe58(p,n+α)Mn54	-9804.76 keV
Fe58(p,d+t)Mn54	-27394.06 keV
Fe58(p,n+p+t)Mn54	-29618.63 keV
Fe58(p,2n+He3)Mn54	-30382.38 keV
Fe58(p,n+2d)Mn54	-33651.29 keV
Fe58(p,2n+p+d)Mn54	-35875.86 keV
Fe58(p,3n+2p)Mn54	-38100.42 keV

<< 25-Mn-55	**26-Fe-58**	27-Co-59 >>
<< MT22 (p,n+α)	**MT37 (p,4n) or MT5 (Co55 production)**	MT102 (p,γ) >>

Fe58 (p,4n) or Co55 production log-log



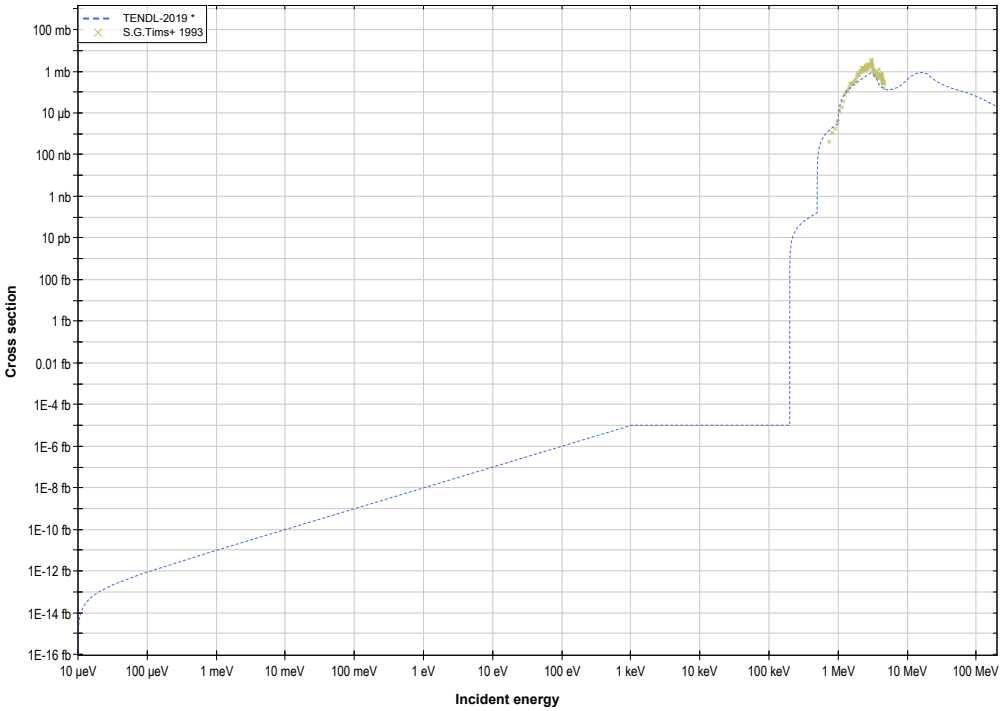
Fe58 (p,4n) or Co55 production lin-log



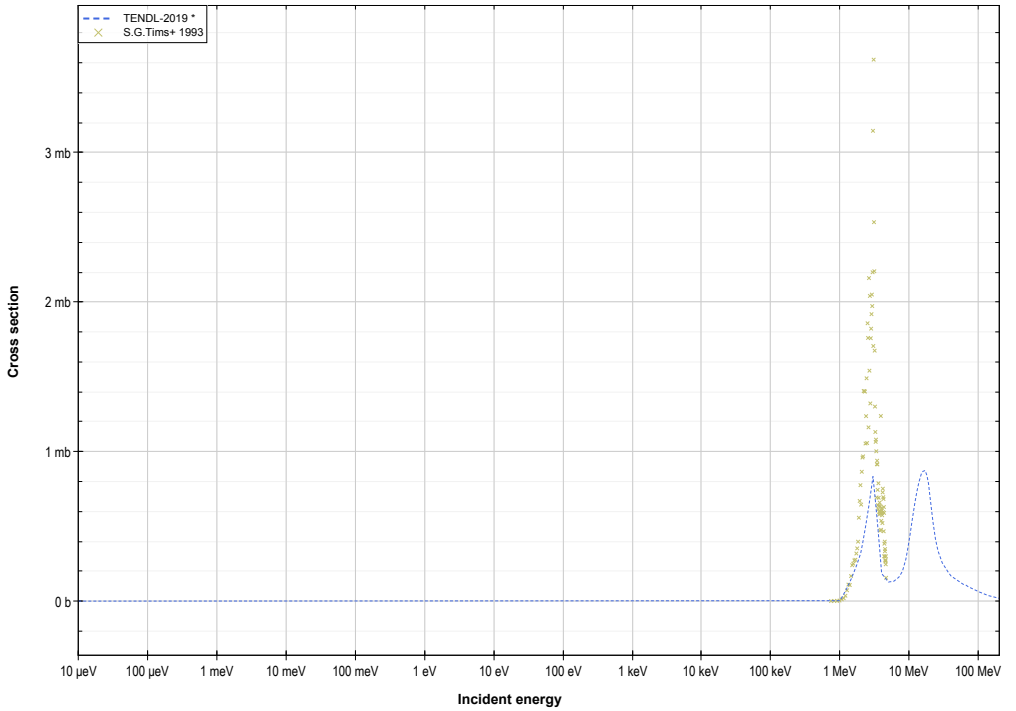
Reaction	Q-Value
Fe58(p,4n)Co55	-33121.50 keV

<< 26-Fe-56	**26-Fe-58**	27-Co-59 >>
<< MT37 (p,4n)	**MT102 (p,γ) or MT5 (Co59 production)**	MT176 (p,2n+³He) >>

Fe58 (p,γ) or Co59 production log-log



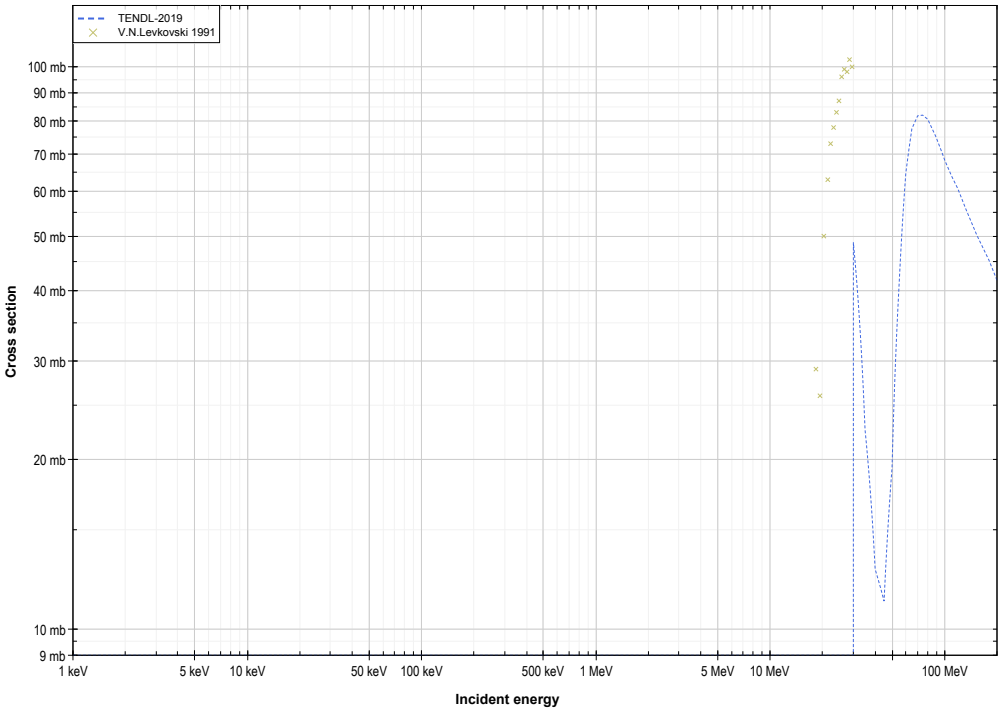
Fe58 (p,γ) or Co59 production lin-log



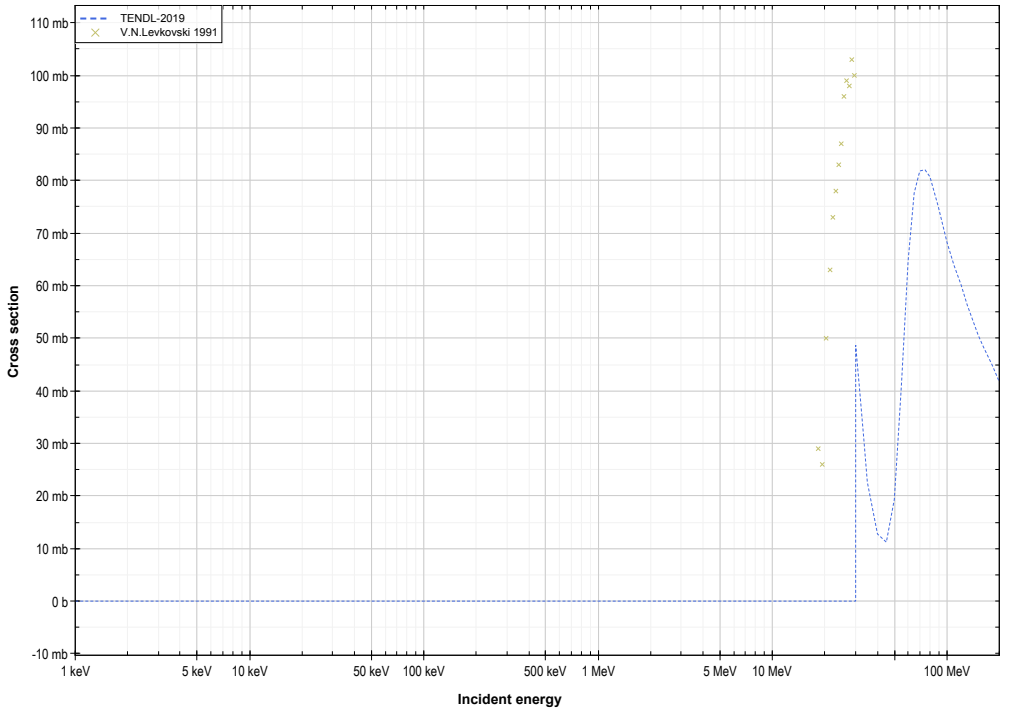
Reaction	Q-Value
Fe58(p,γ)Co59	7363.57 keV

<< 26-Fe-56	**26-Fe-58**	28-Ni-60 >>
<< MT102 (p,γ)	**MT176 (p,2n+³He) or MT5 (Mn54 production)**	MT179 (p,3n+2p) >>

Fe58 (p,2n+³He) or Mn54 production log-log



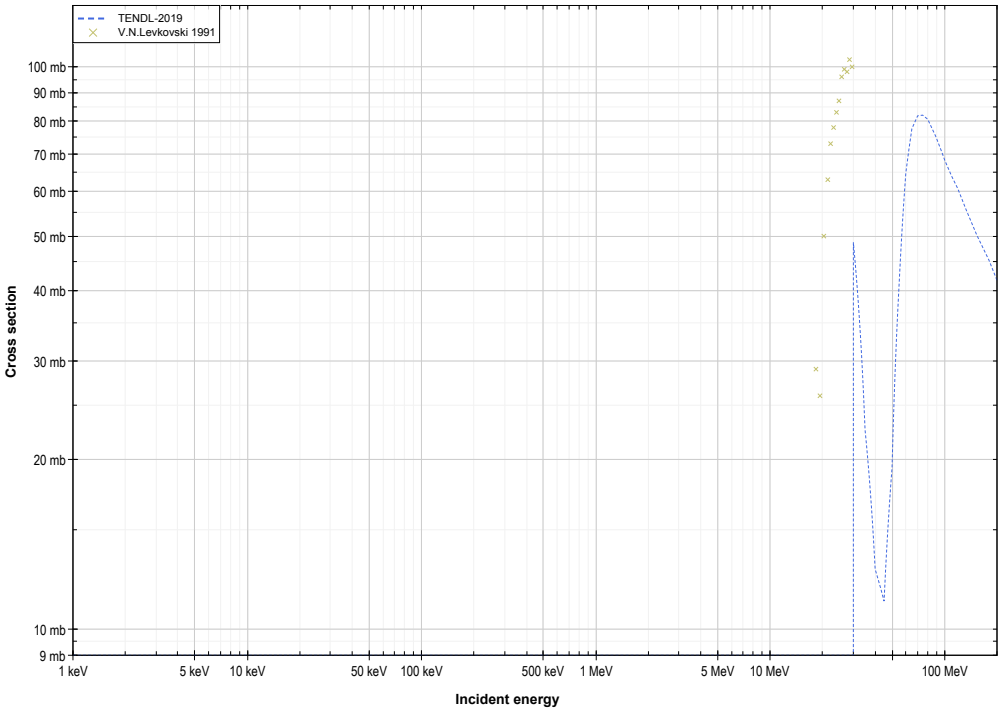
Fe58 (p,2n+³He) or Mn54 production lin-log



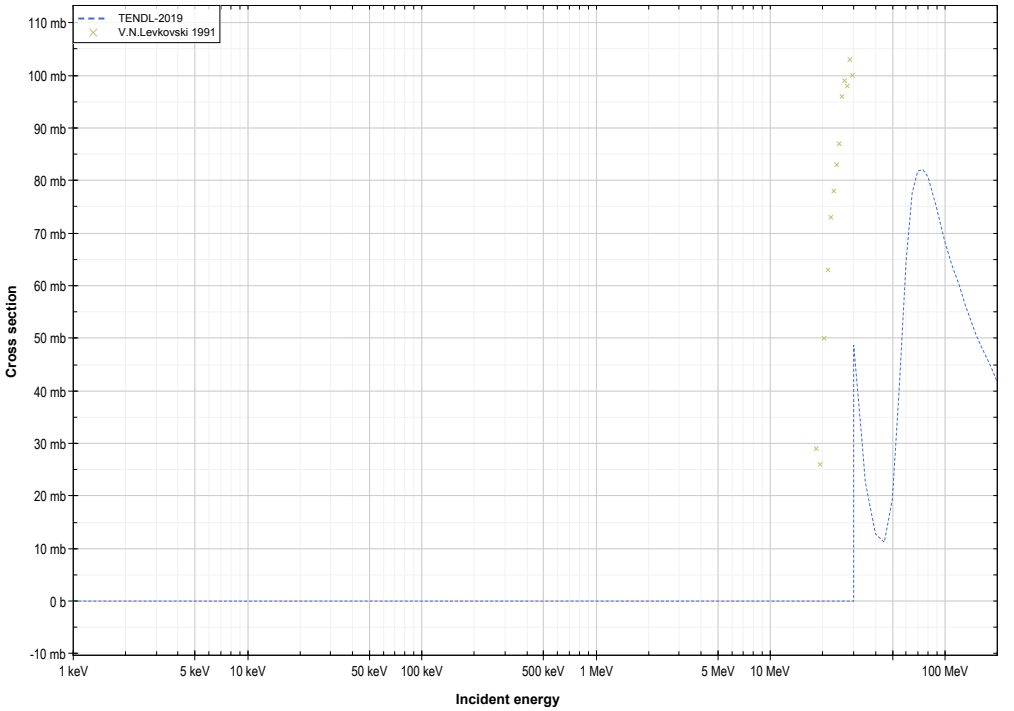
Reaction	Q-Value
Fe58(p,n+α)Mn54	-9804.76 keV
Fe58(p,d+t)Mn54	-27394.06 keV
Fe58(p,n+p+t)Mn54	-29618.63 keV
Fe58(p,2n+He3)Mn54	-30382.38 keV
Fe58(p,n+2d)Mn54	-33651.29 keV
Fe58(p,2n+p+d)Mn54	-35875.86 keV
Fe58(p,3n+2p)Mn54	-38100.42 keV

<< 26-Fe-56	**26-Fe-58**	28-Ni-60 >>
<< MT176 (p,2n+³He)	**MT179 (p,3n+2p) or MT5 (Mn54 production)**	MT182 (p,d+t) >>

Fe58 (p,3n+2p) or Mn54 production log-log



Fe58 (p,3n+2p) or Mn54 production lin-log



Reaction	Q-Value
Fe58(p,n+α)Mn54	-9804.76 keV
Fe58(p,d+t)Mn54	-27394.06 keV
Fe58(p,n+p+t)Mn54	-29618.63 keV
Fe58(p,2n+He3)Mn54	-30382.38 keV
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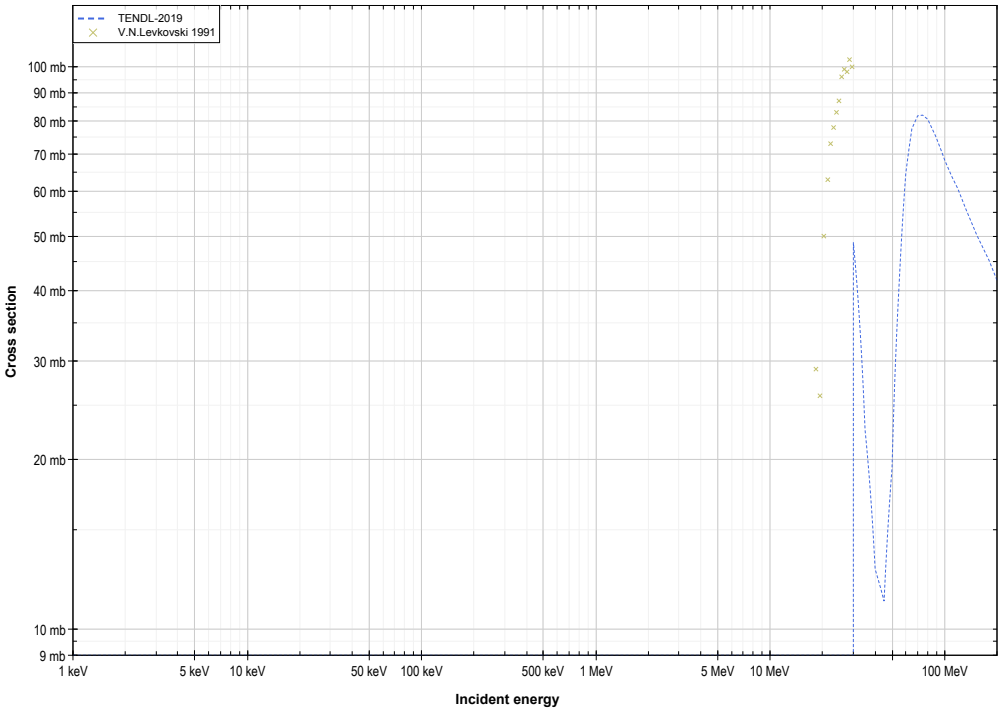
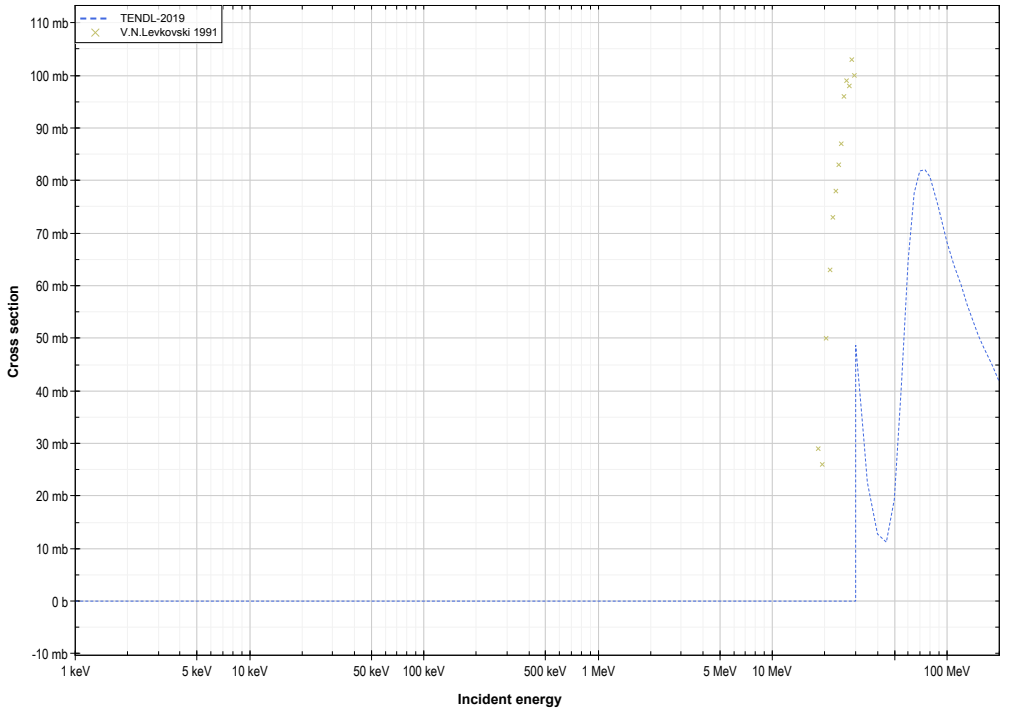
Fe58(p,2n+p+d)Mn54	-35875.86 keV
Fe58(p,3n+2p)Mn54	-38100.42 keV

<< 26-Fe-56	**26-Fe-58**	28-Ni-60 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Mn54 production)**	MT184 (p,n+p+t) >>

Fe58 (p,d+t) or Mn54 production log-log



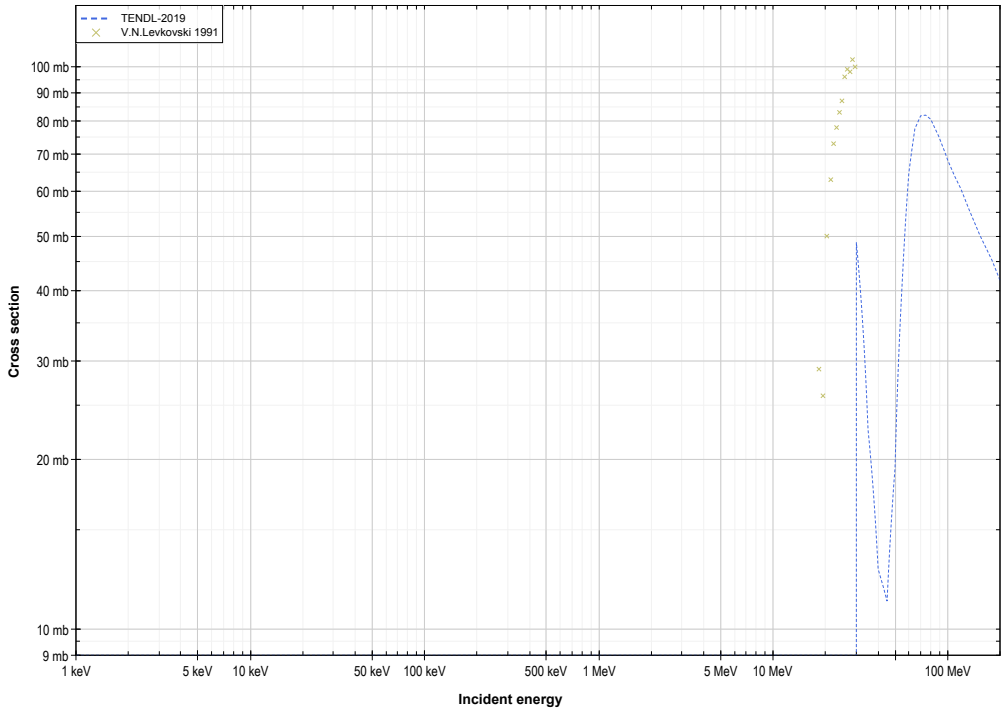
Fe58 (p,d+t) or Mn54 production lin-log



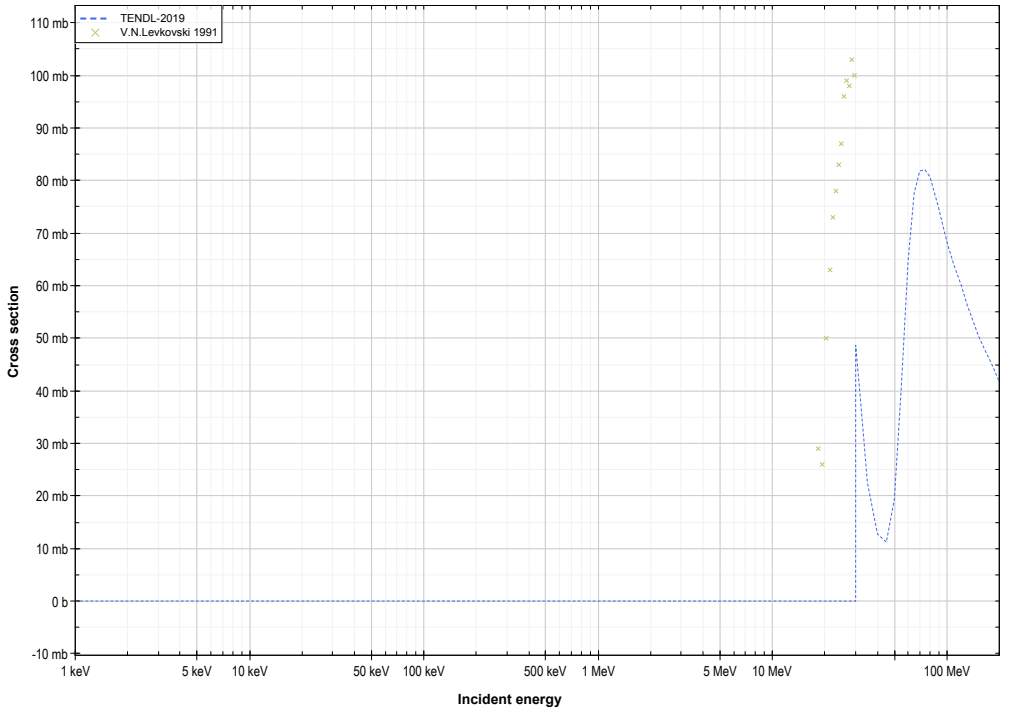
Reaction	Q-Value
Fe58(p,n+α)Mn54	-9804.76 keV
Fe58(p,d+t)Mn54	-27394.06 keV
Fe58(p,n+p+t)Mn54	-29618.63 keV
Fe58(p,2n+He3)Mn54	-30382.38 keV
Fe58(p,n+2d)Mn54	-33651.29 keV
Fe58(p,2n+p+d)Mn54	-35875.86 keV
Fe58(p,3n+2p)Mn54	-38100.42 keV

<< 26-Fe-56	**26-Fe-58**	28-Ni-60 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Mn54 production)**	27-Co-59 MT4 (p,n) >>

Fe58 (p,n+p+t) or Mn54 production log-log



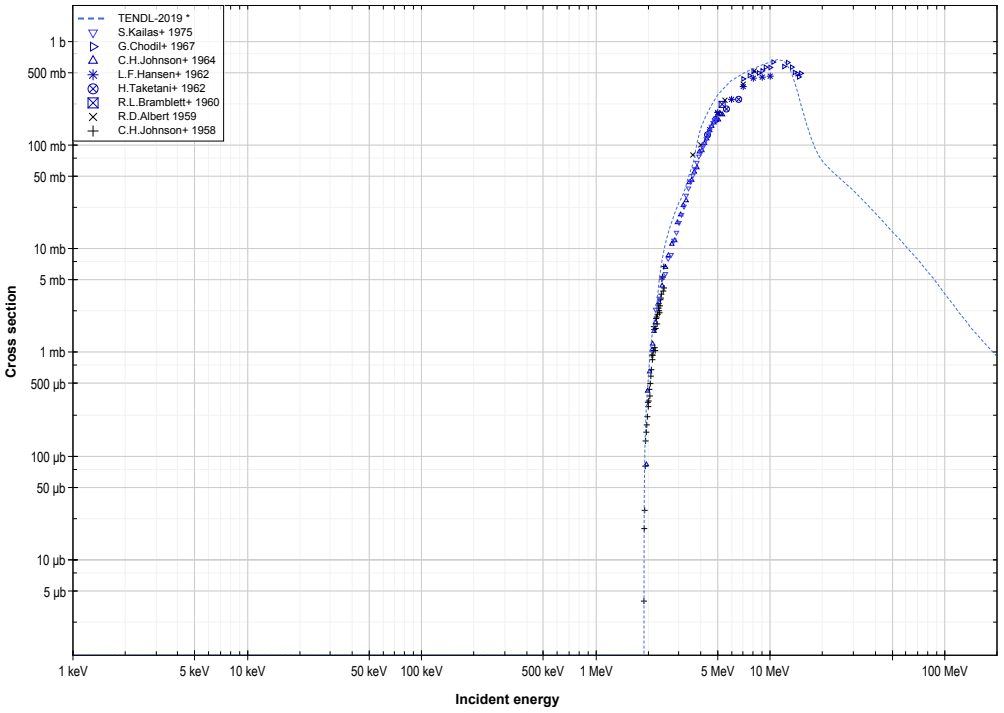
Fe58 (p,n+p+t) or Mn54 production lin-log



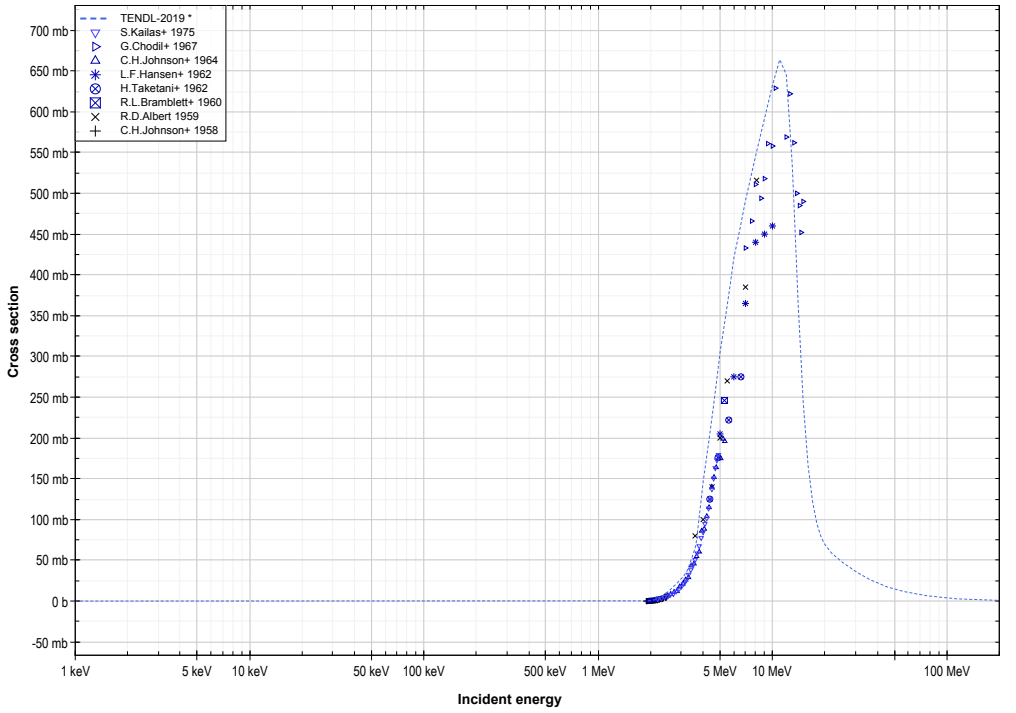
Reaction	Q-Value
Fe58(p,n+α)Mn54	-9804.76 keV
Fe58(p,d+t)Mn54	-27394.06 keV
Fe58(p,n+p+t)Mn54	-29618.63 keV
Fe58(p,2n+He3)Mn54	-30382.38 keV
Fe58(p,n+2d)Mn54	-33651.29 keV
Fe58(p,2n+p+d)Mn54	-35875.86 keV
Fe58(p,3n+2p)Mn54	-38100.42 keV

<< 26-Fe-58	**27-Co-59**	28-Ni-60 >>
<< 26-Fe-58 MT184 (p,n+p+t)	**MT4 (p,n) or MT5 (Ni59 production)**	MT11 (p,2n+d) >>

Co59 (p,n) or Ni59 production log-log



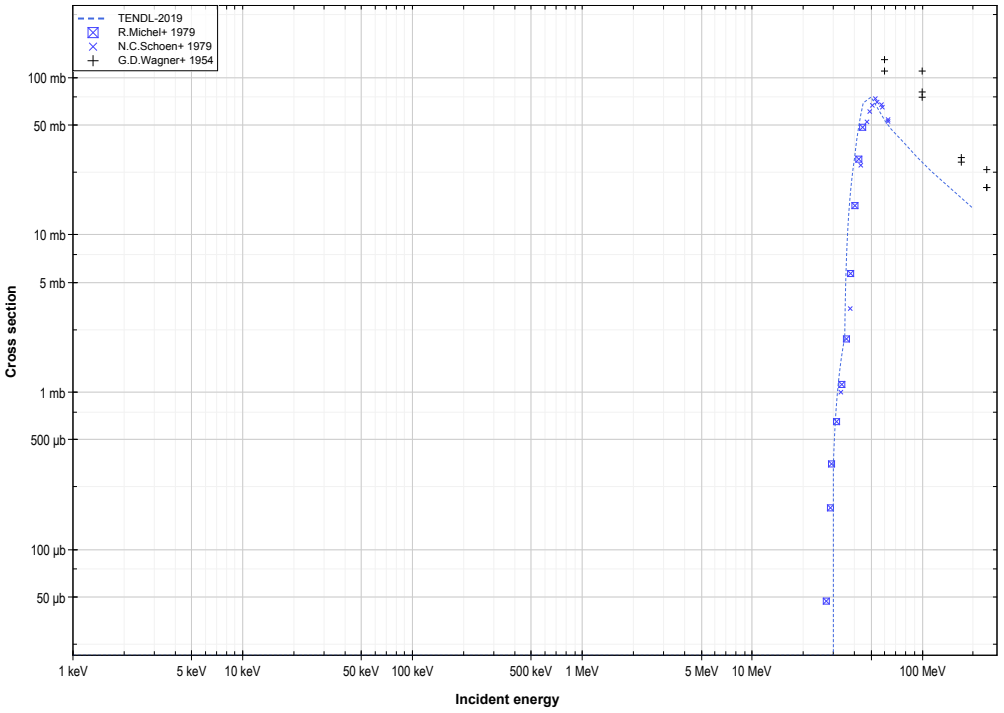
Co59 (p,n) or Ni59 production lin-log



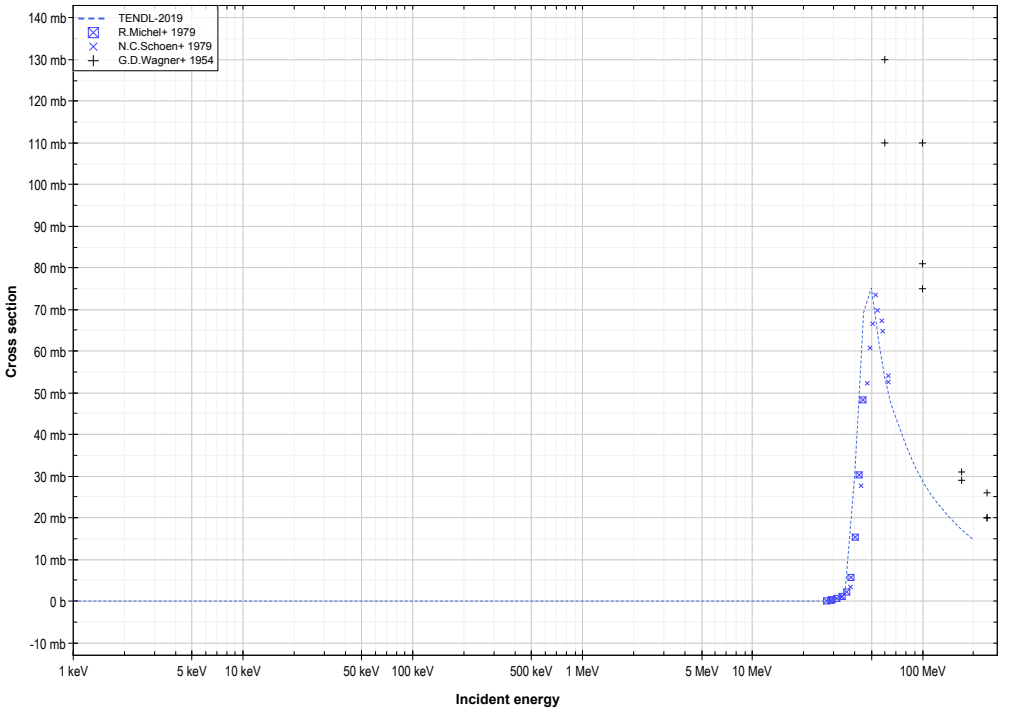
Reaction	Q-Value
Co59(p,n)Ni59	-1855.35 keV

<< 23-V-51	**27-Co-59**	33-As-75 >>
<< MT4 (p,n)	**MT11 (p,2n+d) or MT5 (Co56 production)**	MT17 (p,3n) >>

Co59 (p,2n+d) or Co56 production log-log



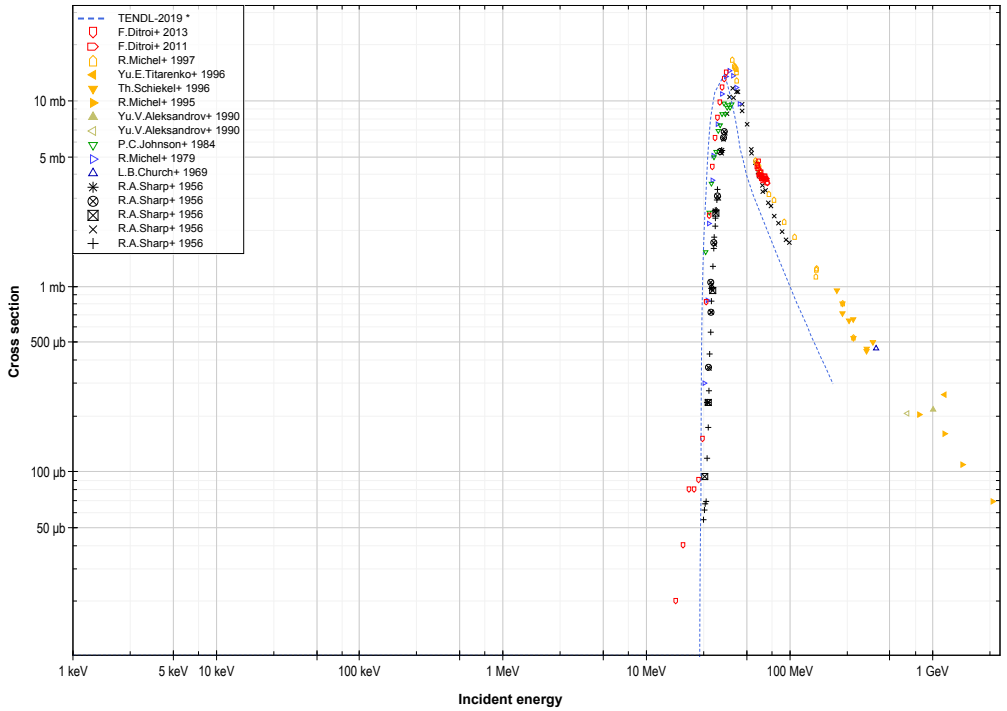
Co59 (p,2n+d) or Co56 production lin-log



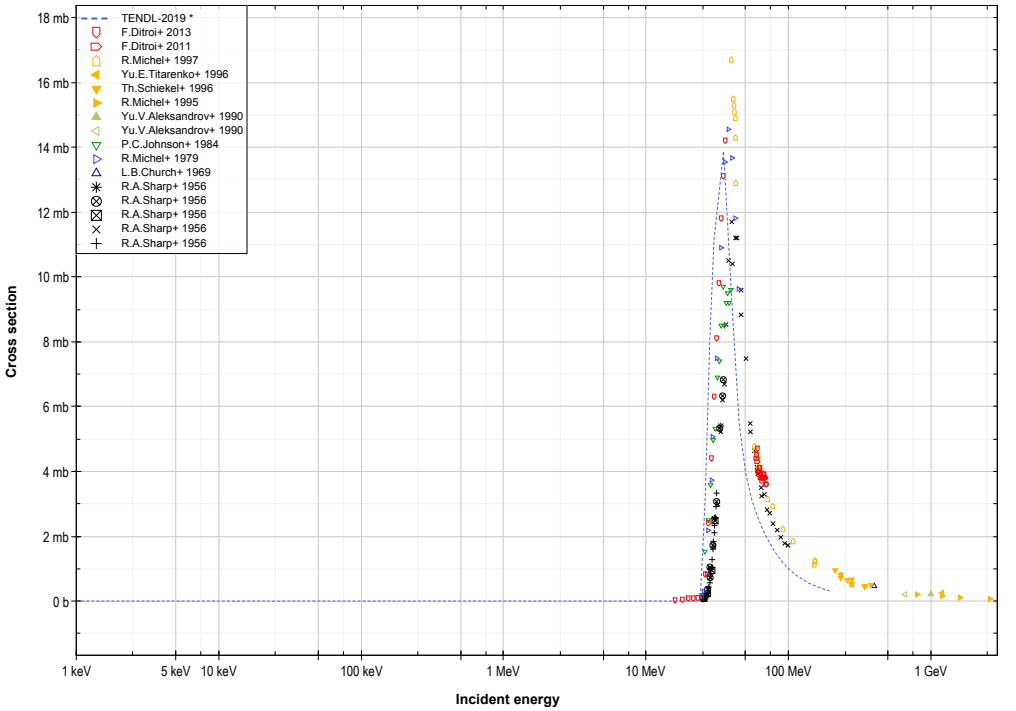
Reaction	Q-Value
Co59(p,n+t)Co56	-21921.46 keV
Co59(p,2n+d)Co56	-28178.69 keV
Co59(p,3n+p)Co56	-30403.25 keV

<< 26-Fe-58	**27-Co-59**	28-Ni-62 >>
<< MT11 (p,2n+d)	**MT17 (p,3n) or MT5 (Ni57 production)**	MT25 (p,3n+α) >>

Co59 (p,3n) or Ni57 production log-log



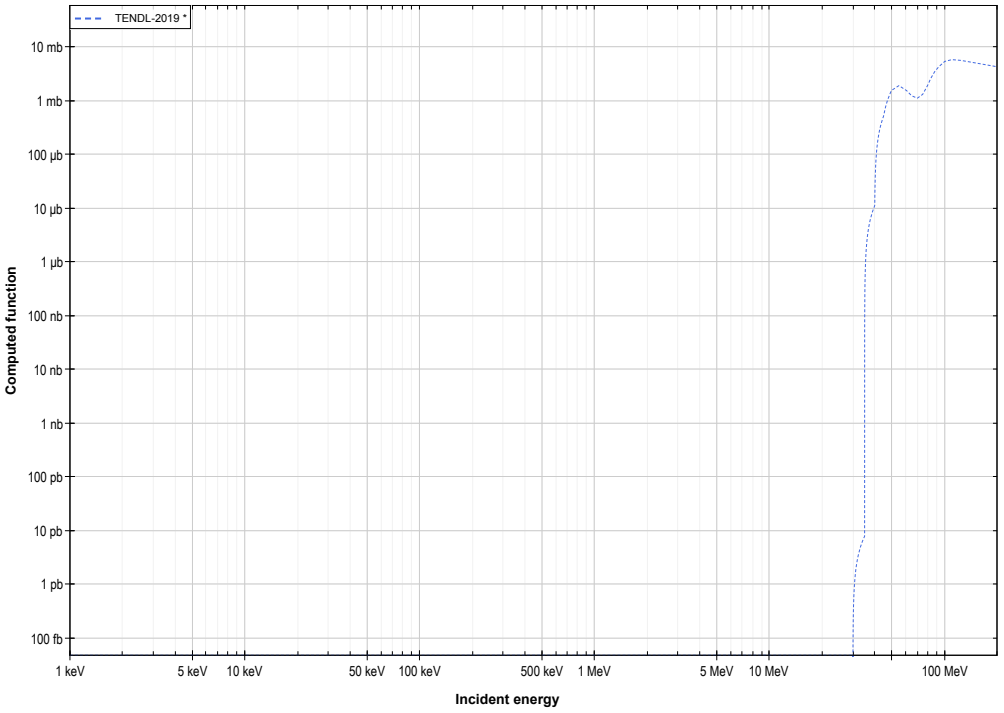
Co59 (p,3n) or Ni57 production lin-log



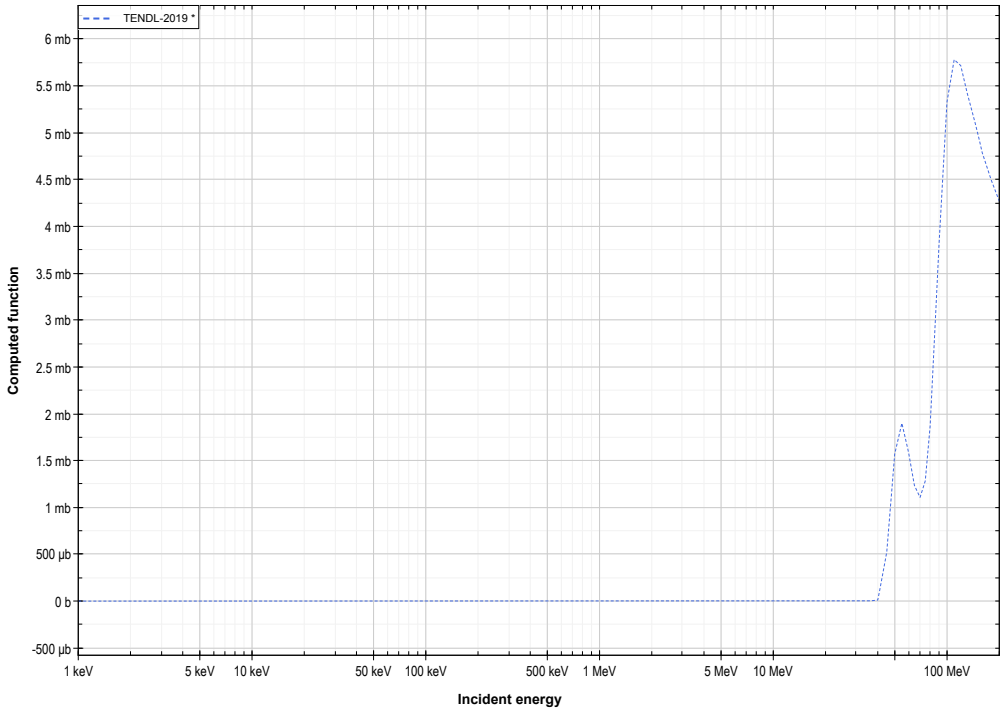
Reaction	Q-Value
Co59(p,3n)Ni57	-23070.88 keV

	27-Co-59	39-Y-89 >>
<< MT17 (p,3n)	**MT25 (p,3n+α) or MT5 (Fe53 production)**	MT28 (p,n+p) >>

Co59 (p,3n+α) or Fe53 production log-log



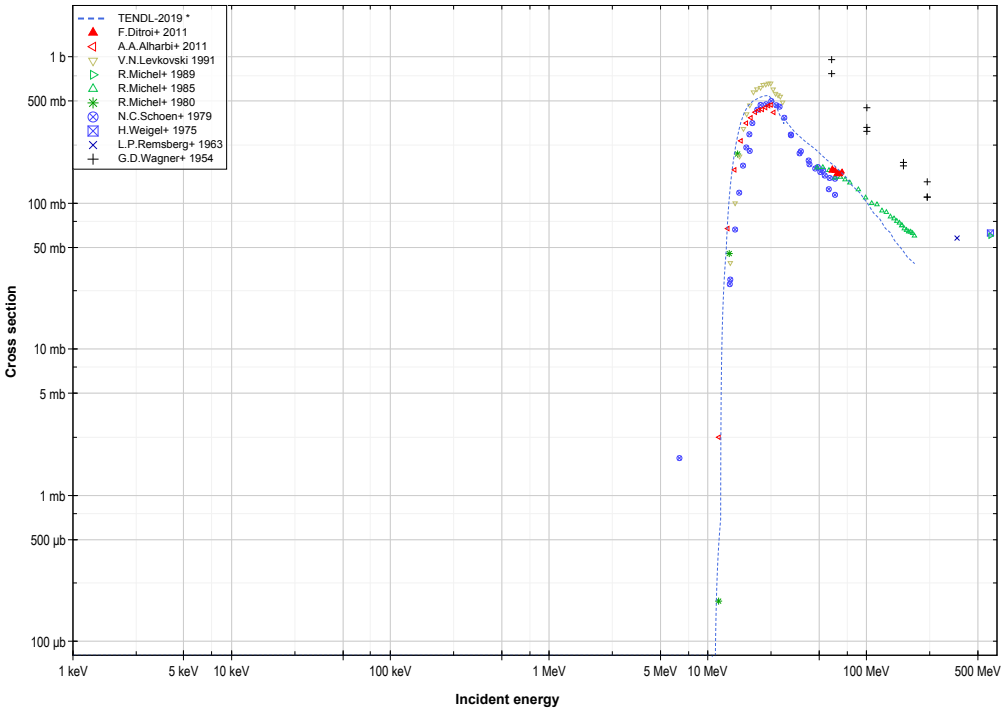
Co59 (p,3n+α) or Fe53 production lin-log



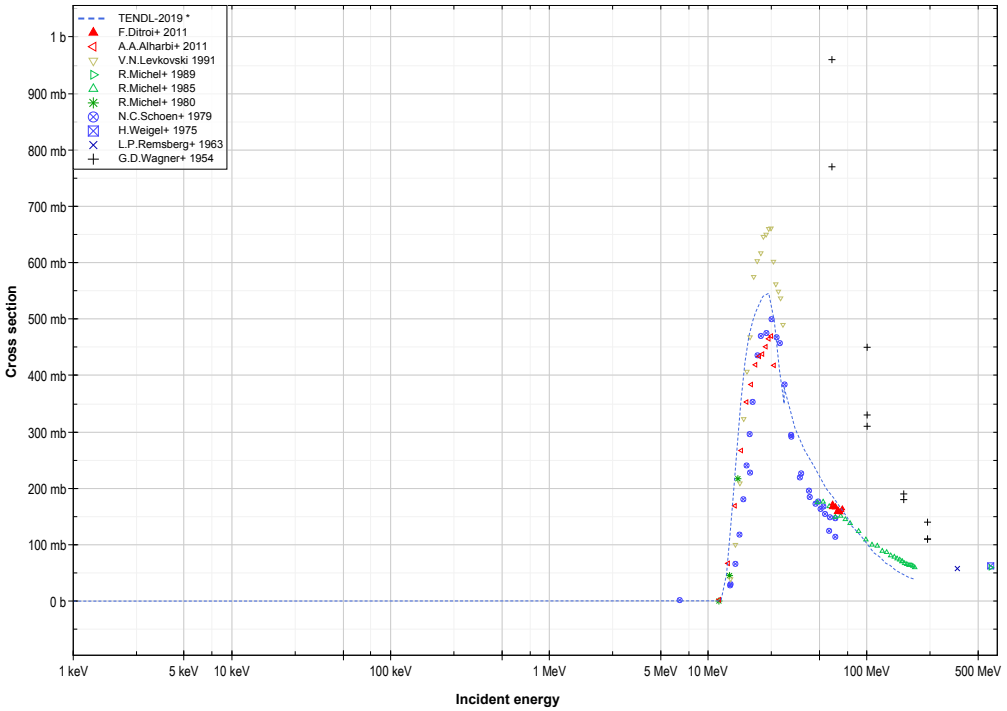
Reaction	Q-Value
Co59(p,3n+α)Fe53	-30632.10 keV
Co59(p,n+2t)Fe53	-41964.17 keV
Co59(p,2n+d+t)Fe53	-48221.40 keV
Co59(p,3n+p+t)Fe53	-50445.96 keV
Co59(p,4n+He3)Fe53	-51209.72 keV
Co59(p,3n+2d)Fe53	-54478.62 keV
Co59(p,4n+p+d)Fe53	-56703.19 keV
Co59(p,5n+2p)Fe53	-58927.76 keV

<< 26-Fe-56	**27-Co-59**	28-Ni-58 >>
<< MT25 (p,3n+α)	**MT28 (p,n+p) or MT5 (Co58 production)**	MT29 (p,n+2α) >>

Co59 (p,n+p) or Co58 production log-log



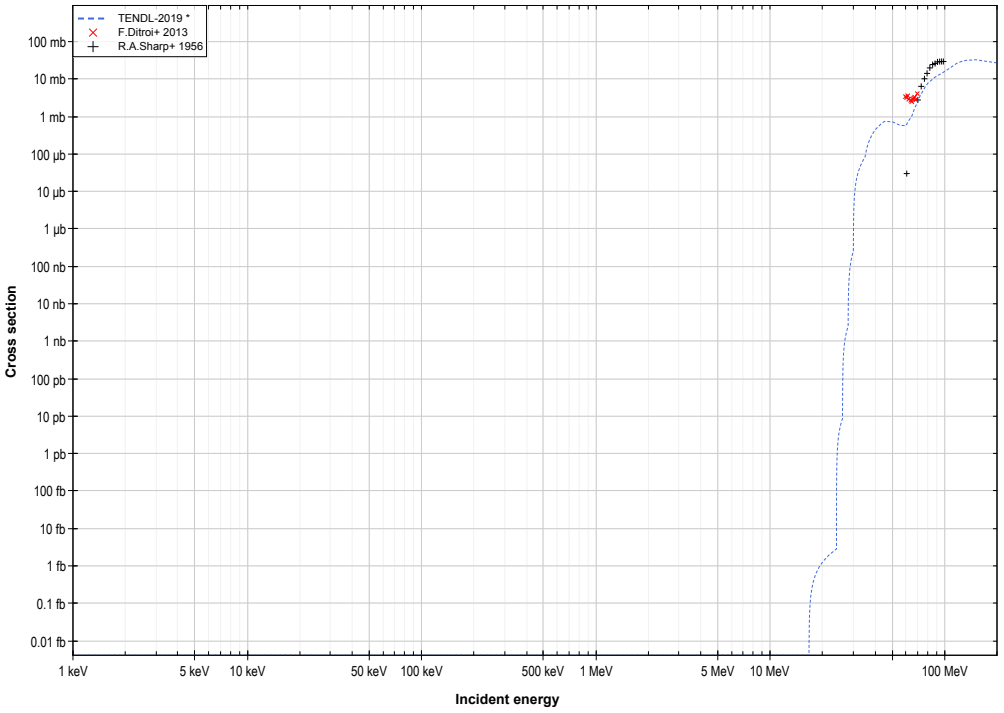
Co59 (p,n+p) or Co58 production lin-log



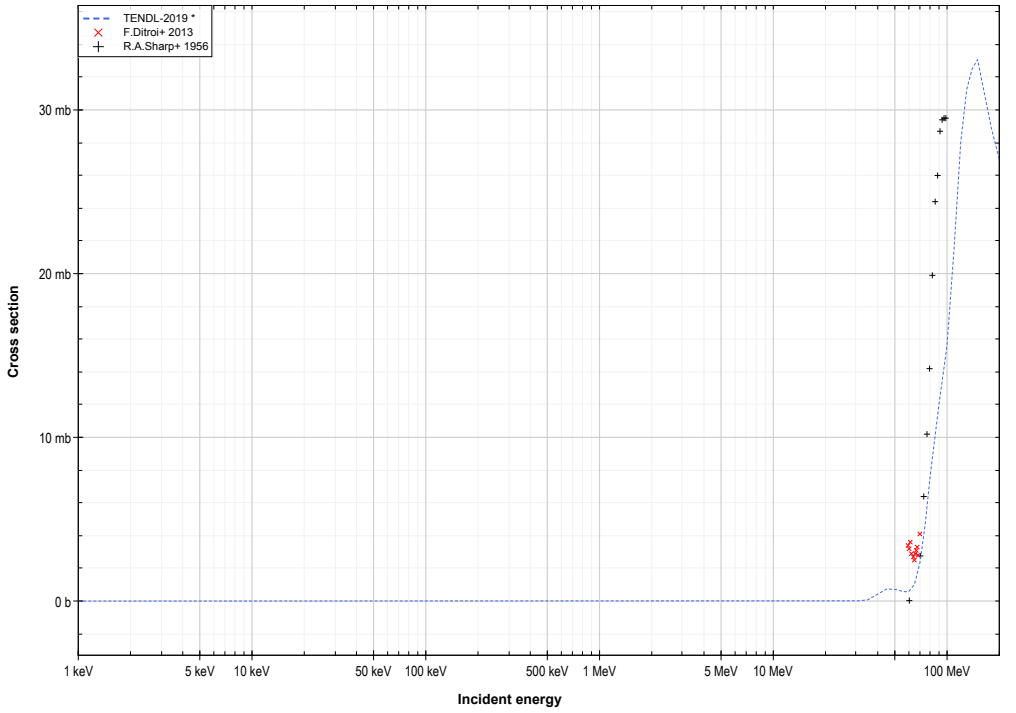
Reaction	Q-Value
Co59(p,d)Co58	-8229.25 keV
Co59(p,n+p)Co58	-10453.82 keV

<< 22-Ti-50	**27-Co-59**	41-Nb-93 >>
<< MT28 (p,n+p)	**MT29 (p,n+2α) or MT5 (Cr51 production)**	MT32 (p,n+d) >>

Co59 (p,n+2α) or Cr51 production log-log



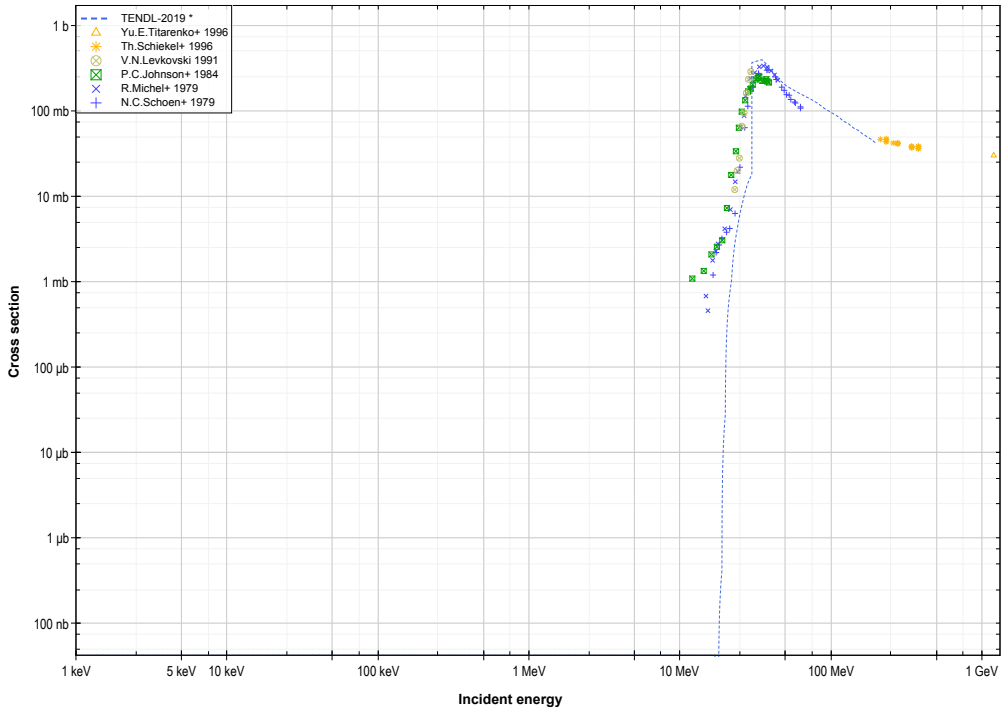
Co59 (p,n+2α) or Cr51 production lin-log



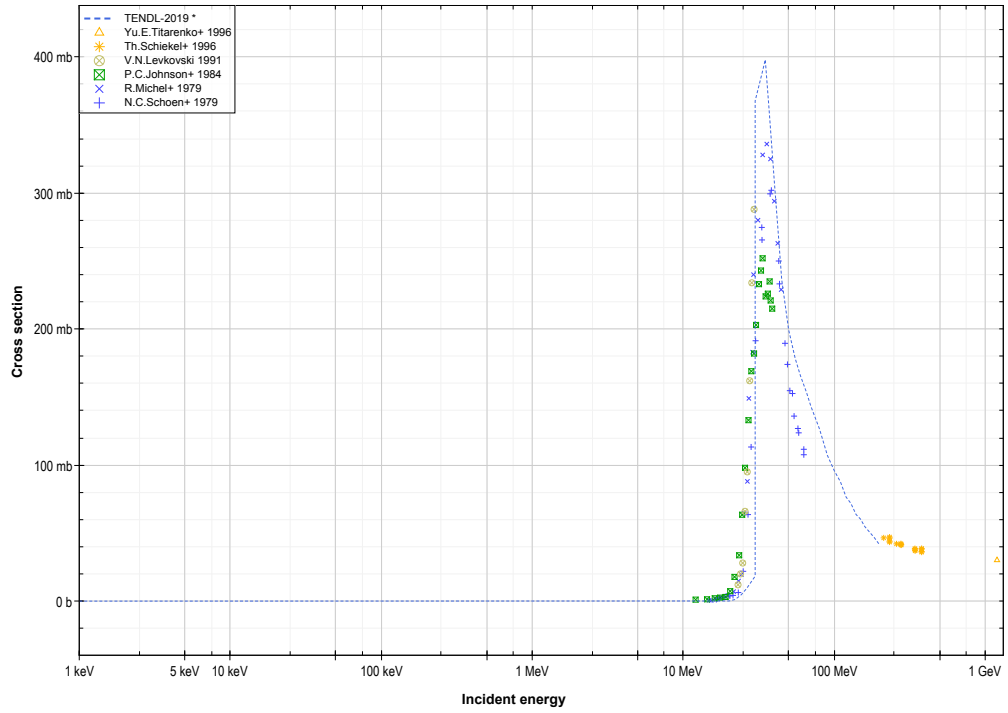
Reaction	Q-Value	Reaction	Q-Value
Co59(p,n+2α)Cr51	-16410.48 keV	Co59(p,p+d+2t)Cr51	-53813.64 keV
Co59(p,d+t+α)Cr51	-33999.78 keV	Co59(p,n+d+t+He3)Cr51	-54577.40 keV
Co59(p,n+p+t+α)Cr51	-36224.34 keV	Co59(p,n+2p+2t)Cr51	-56038.21 keV
Co59(p,2n+He3+α)Cr51	-36988.10 keV	Co59(p,2n+p+t+He3)Cr51	-56801.96 keV
Co59(p,n+2d+α)Cr51	-40257.01 keV	Co59(p,3n+2He3)Cr51	-57565.72 keV
Co59(p,2n+p+d+α)Cr51	-42481.57 keV	Co59(p,3d+t)Cr51	-57846.30 keV
Co59(p,3n+2p+α)Cr51	-44706.14 keV	Co59(p,n+p+2d+t)Cr51	-60070.87 keV
Co59(p,2t+He3)Cr51	-48320.17 keV	Co59(p,2n+2d+He3)Cr51	-60834.62 keV

<< 24-Cr-50	**27-Co-59**	28-Ni-58 >>
<< MT29 (p,n+2α)	**MT32 (p,n+d) or MT5 (Co57 production)**	MT33 (p,n+t) >>

Co59 (p,n+d) or Co57 production log-log



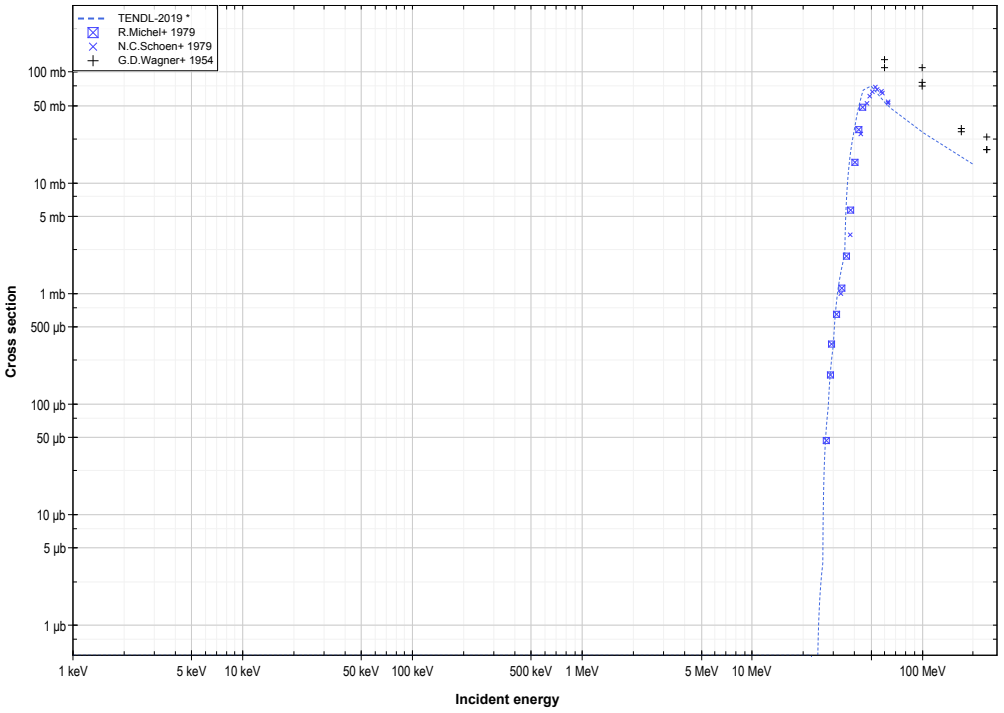
Co59 (p,n+d) or Co57 production lin-log



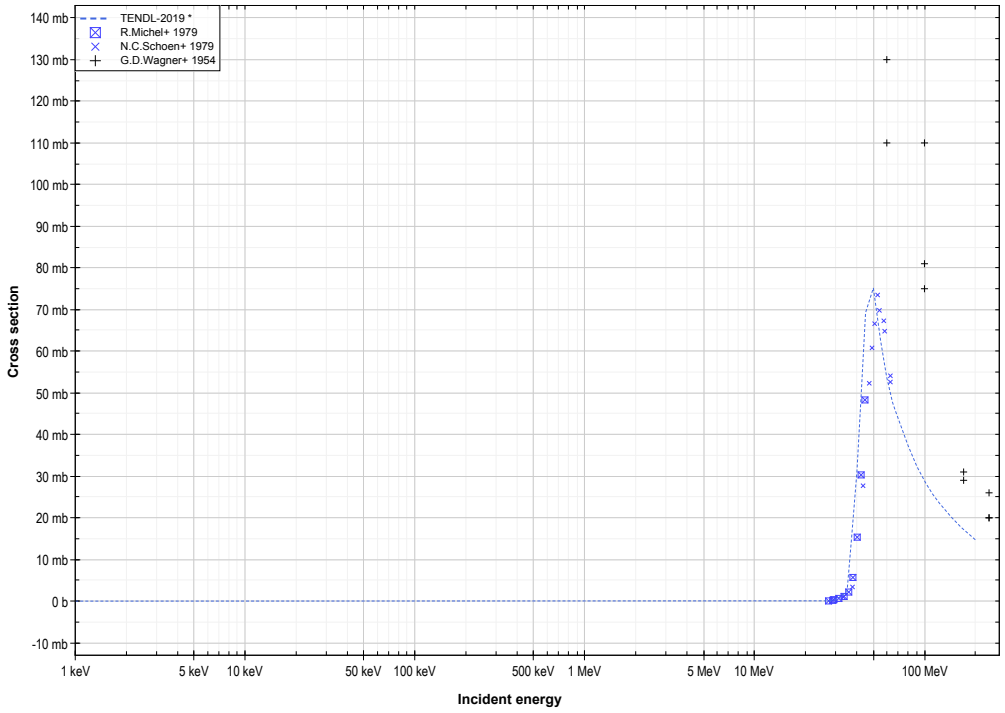
Reaction	Q-Value
Co59(p,t)Co57	-10544.94 keV
Co59(p,n+d)Co57	-16802.17 keV
Co59(p,2n+p)Co57	-19026.73 keV

<< 23-V-51	**27-Co-59**	33-As-75 >>
<< MT32 (p,n+d)	**MT33 (p,n+t) or MT5 (Co56 production)**	MT36 (p,n+t+2α) >>

Co59 (p,n+t) or Co56 production log-log



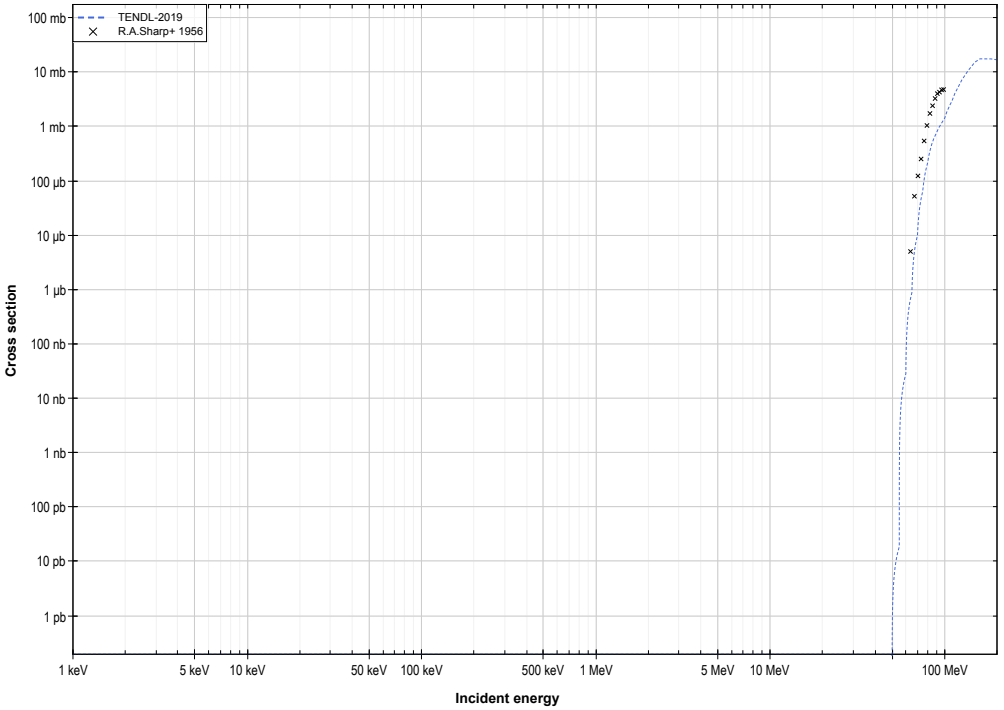
Co59 (p,n+t) or Co56 production lin-log



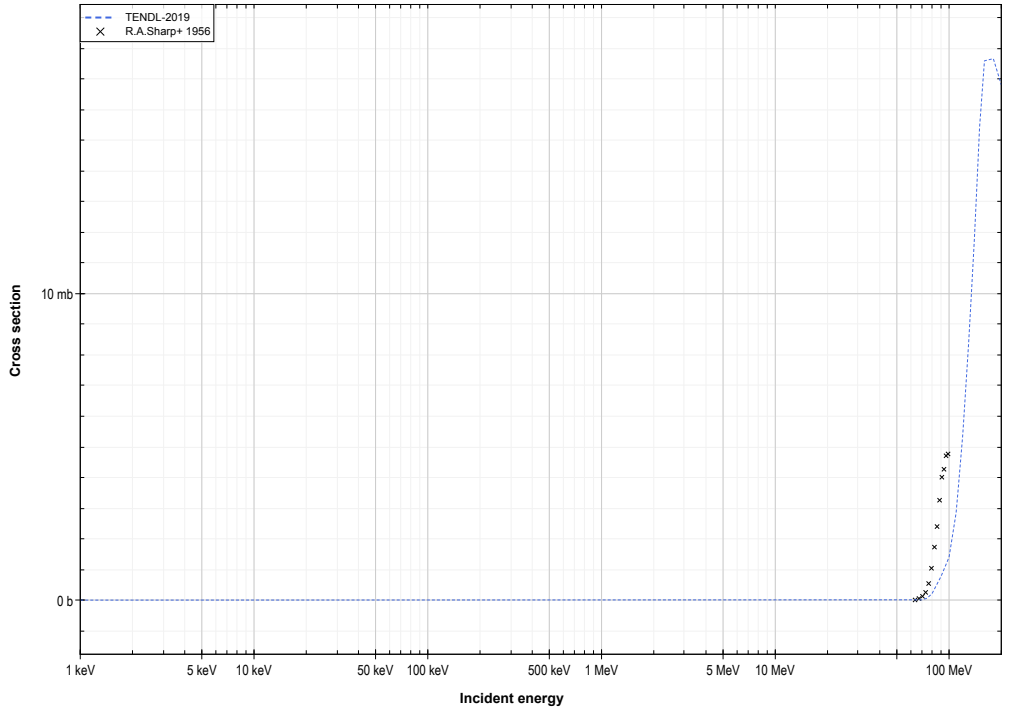
Reaction	Q-Value
Co59(p,n+t)Co56	-21921.46 keV
Co59(p,2n+d)Co56	-28178.69 keV
Co59(p,3n+p)Co56	-30403.25 keV

<< 8-O-18	**27-Co-59**	29-Cu-65 >>
<< MT33 (p,n+t)	**MT36 (p,n+t+2α) or MT5 (V48 production)**	MT37 (p,4n) >>

Co59 (p,n+t+2α) or V48 production log-log



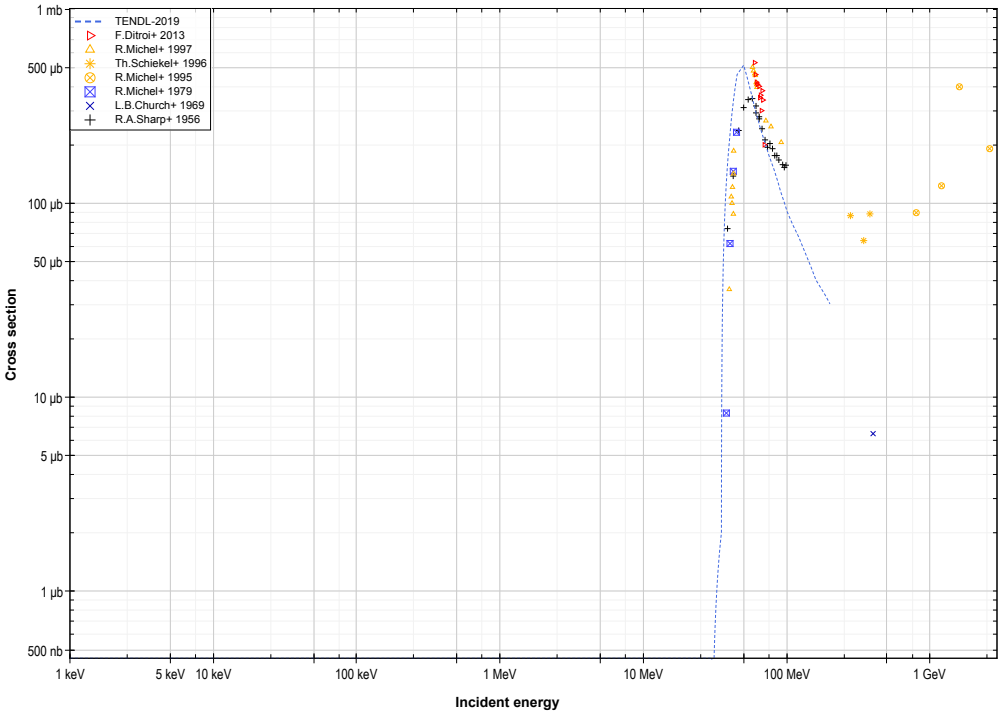
Co59 (p,n+t+2α) or V48 production lin-log



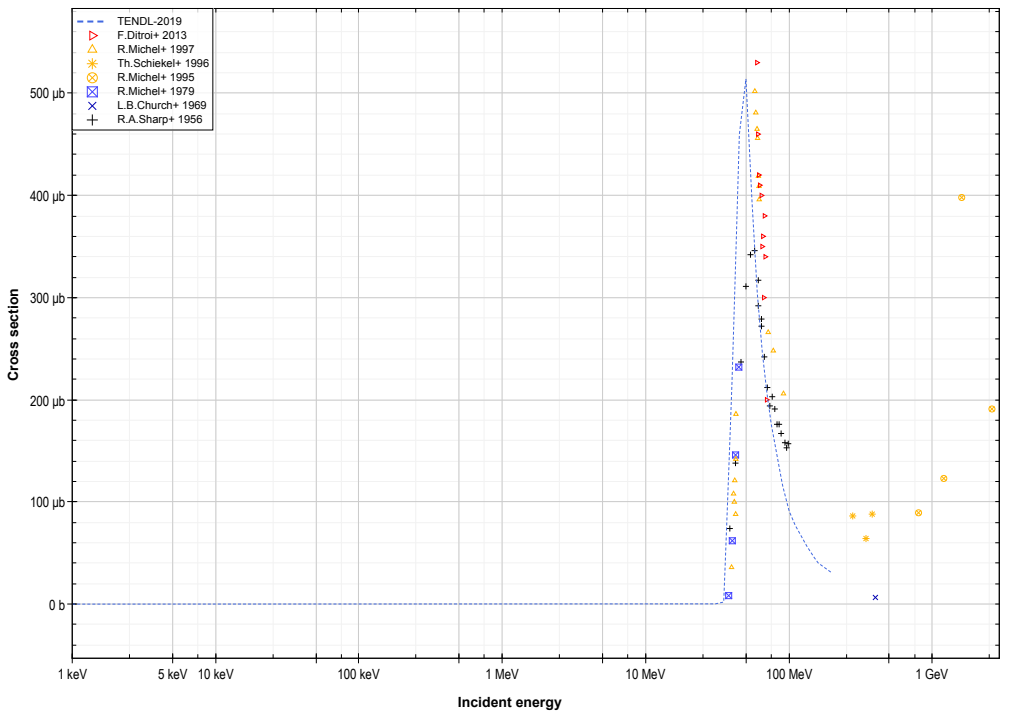
Reaction	Q-Value	Reaction	Q-Value
Co59(p,n+t+2α)V48	-38333.99 keV	Co59(p,3n+d+He3+α)V48	-65168.84 keV
Co59(p,2n+d+2α)V48	-44591.22 keV	Co59(p,3n+2p+t+α)V48	-66629.65 keV
Co59(p,3n+p+2α)V48	-46815.78 keV	Co59(p,4n+p+He3+α)V48	-67393.40 keV
Co59(p,d+2t+α)V48	-55923.29 keV	Co59(p,2n+3d+α)V48	-68437.74 keV
Co59(p,n+p+2t+α)V48	-58147.85 keV	Co59(p,3t+He3)V48	-70243.68 keV
Co59(p,2n+t+He3+α)V48	-58911.61 keV	Co59(p,3n+p+2d+α)V48	-70662.31 keV
Co59(p,n+2d+t+α)V48	-62180.52 keV	Co59(p,4n+2p+d+α)V48	-72886.88 keV
Co59(p,2n+p+d+t+α)V48	-64405.08 keV	Co59(p,5n+3p+α)V48	-75111.44 keV

<< 26-Fe-58	**27-Co-59**	29-Cu-65 >>
<< MT36 (p,n+t+2α)	**MT37 (p,4n) or MT5 (Ni56 production)**	MT41 (p,2n+p) >>

Co59 (p,4n) or Ni56 production log-log



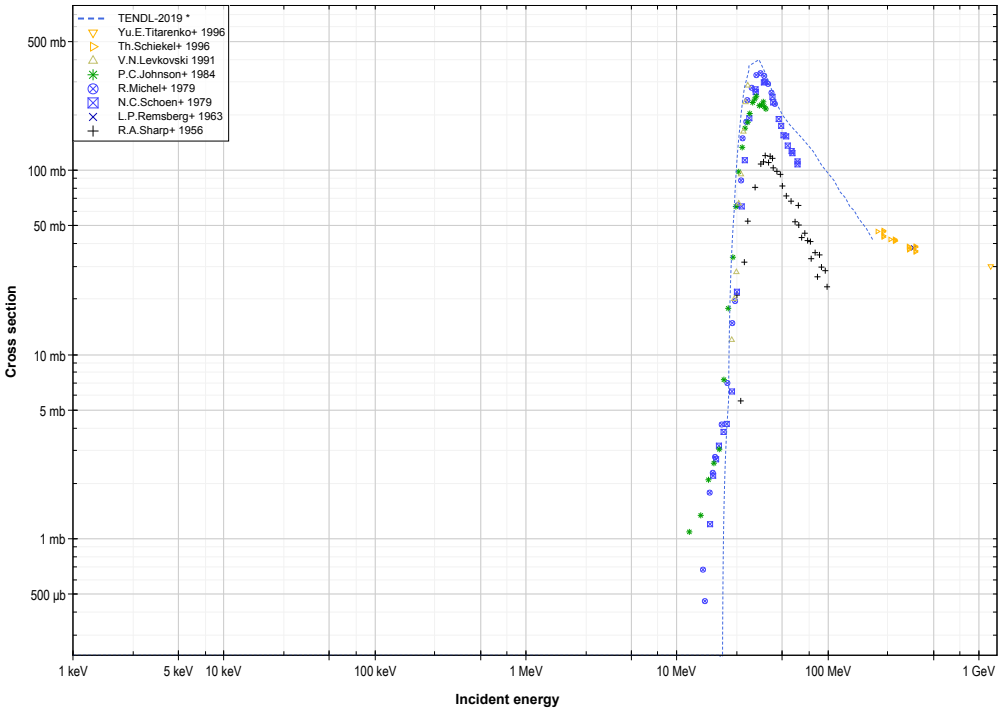
Co59 (p,4n) or Ni56 production lin-log



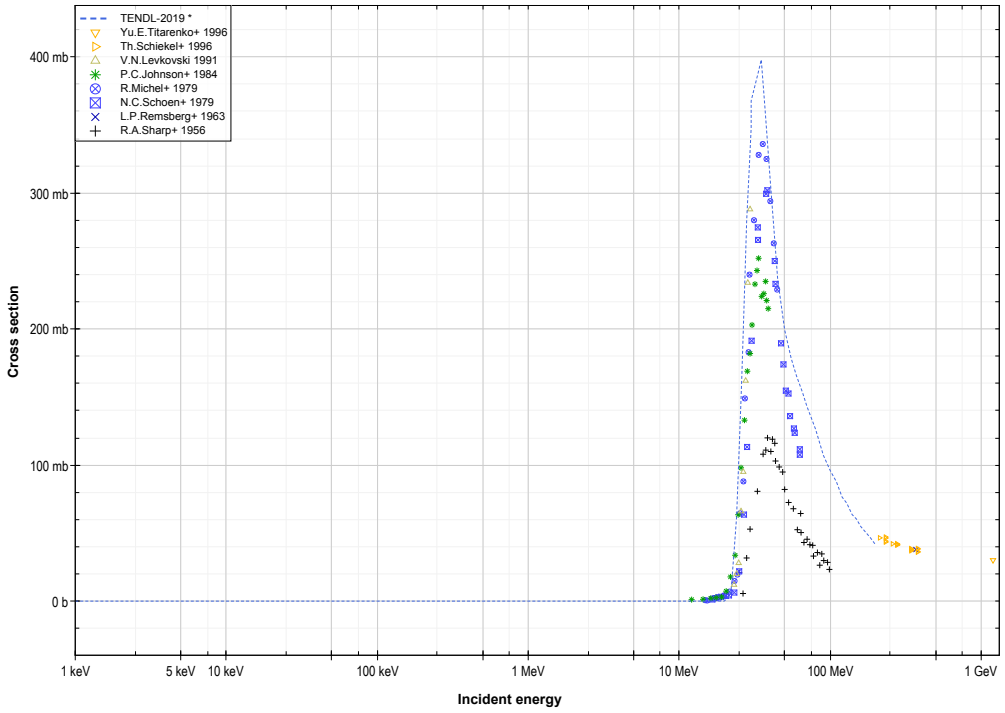
Reaction	Q-Value
Co59(p,4n)Ni56	-33318.50 keV

<< 26-Fe-57	**27-Co-59**	28-Ni-58 >>
<< MT37 (p,4n)	**MT41 (p,2n+p) or MT5 (Co57 production)**	MT42 (p,3n+p) >>

Co59 (p,2n+p) or Co57 production log-log



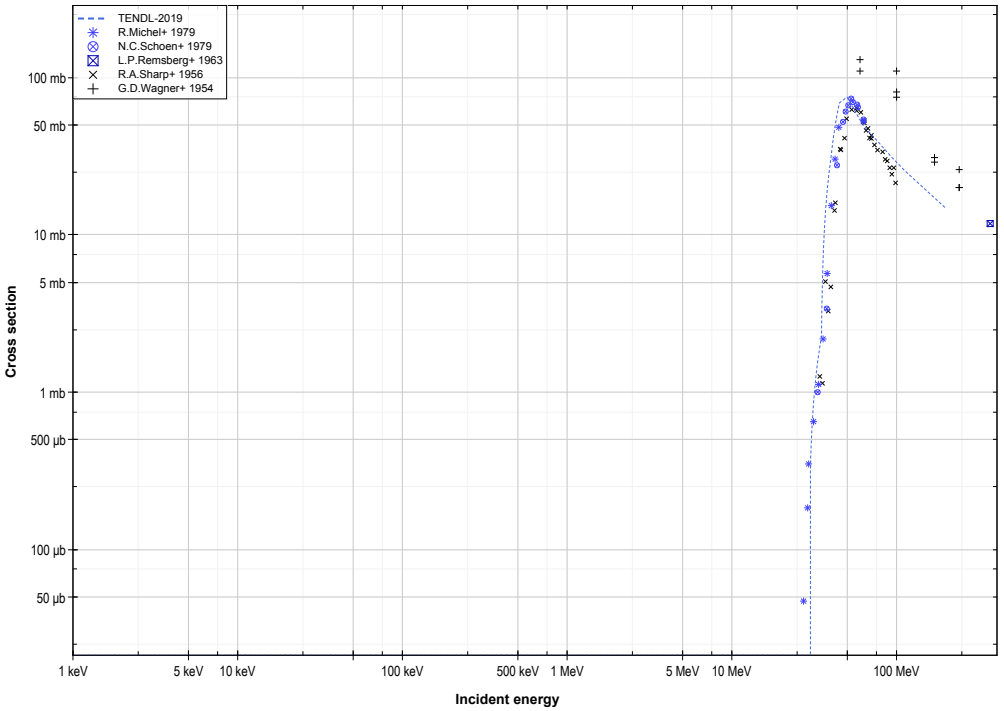
Co59 (p,2n+p) or Co57 production lin-log



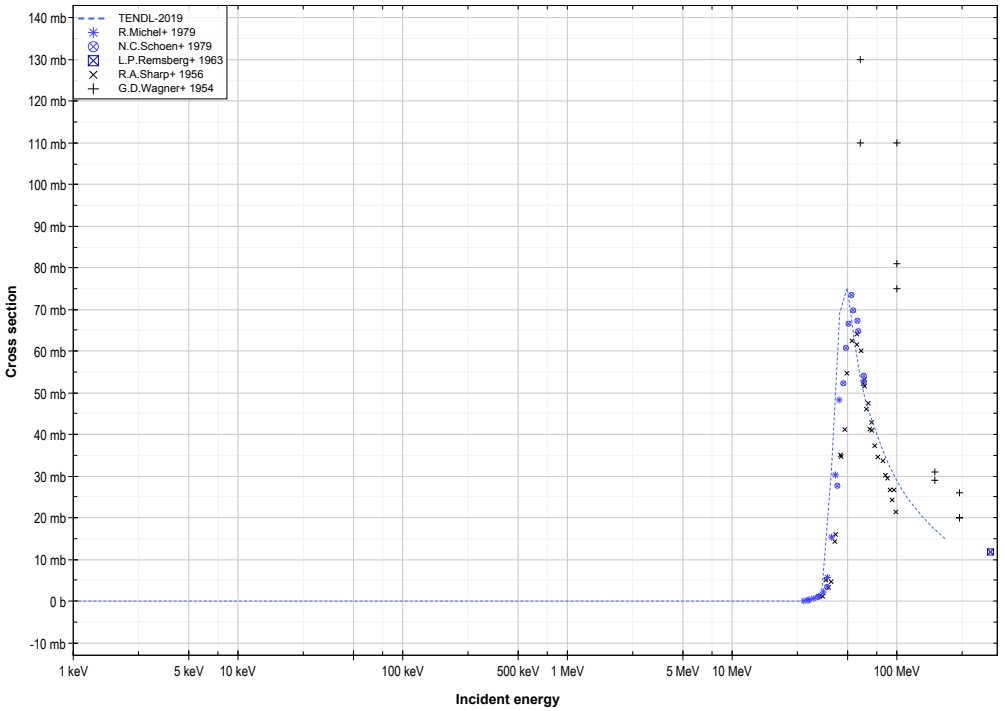
Reaction	Q-Value
Co59(p,t)Co57	-10544.94 keV
Co59(p,n+d)Co57	-16802.17 keV
Co59(p,2n+p)Co57	-19026.73 keV

<< 26-Fe-56	**27-Co-59**	31-Ga-69 >>
<< MT41 (p,2n+p)	**MT42 (p,3n+p) or MT5 (Co56 production)**	MT45 (p,n+p+α) >>

Co59 (p,3n+p) or Co56 production log-log



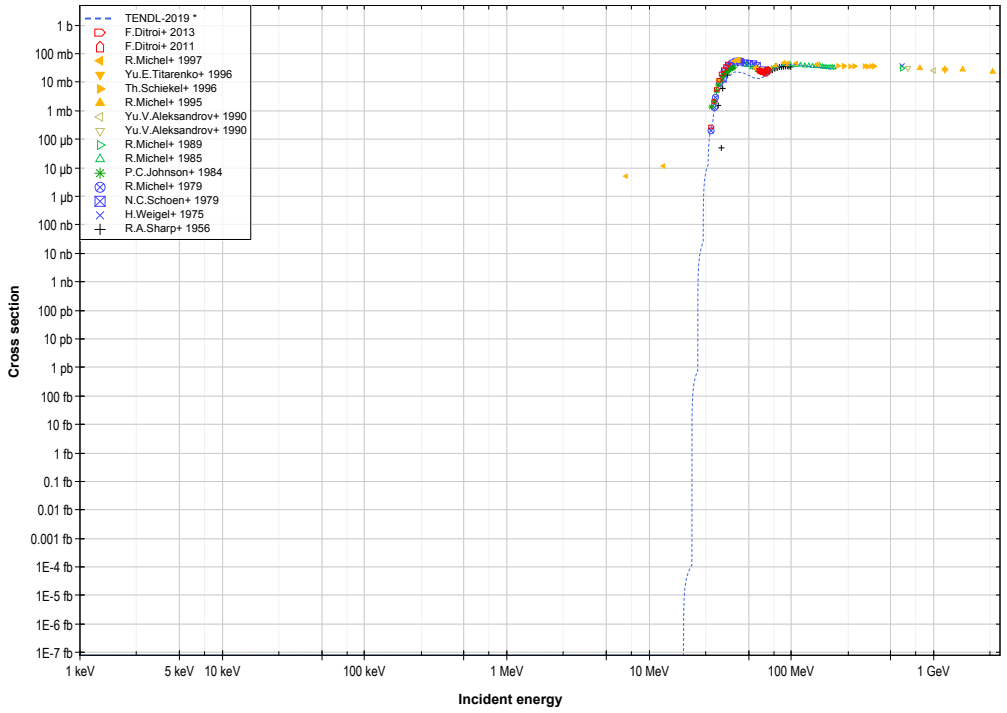
Co59 (p,3n+p) or Co56 production lin-log



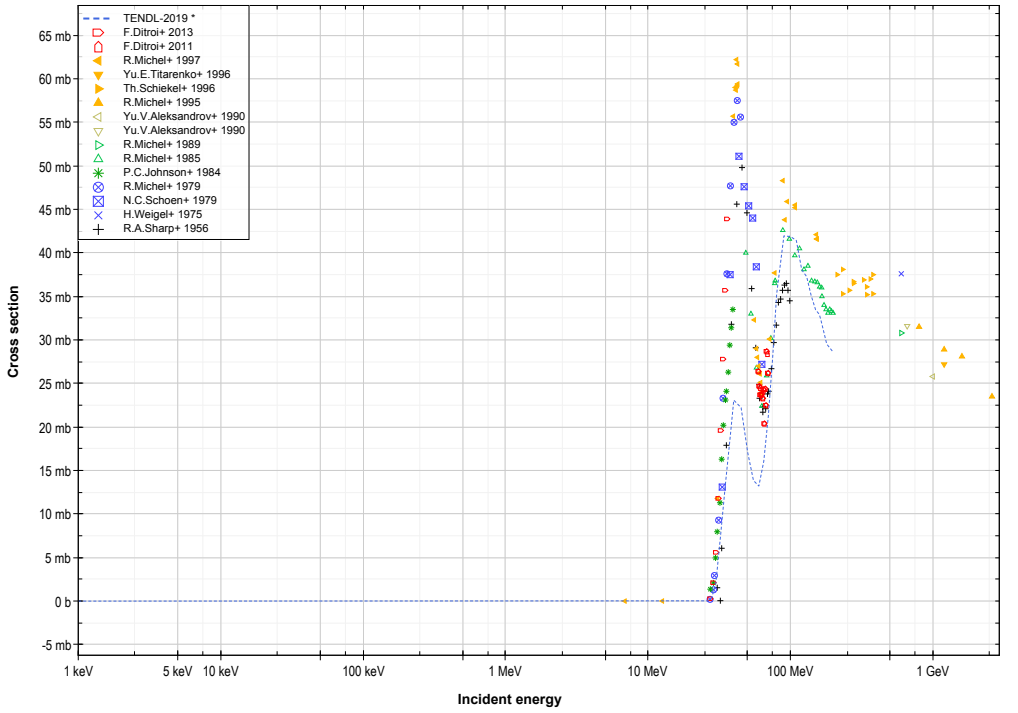
Reaction	Q-Value
Co59(p,n+t)Co56	-21921.46 keV
Co59(p,2n+d)Co56	-28178.69 keV
Co59(p,3n+p)Co56	-30403.25 keV

<< 23-V-51	**27-Co-59**	28-Ni-60 >>
<< MT42 (p,3n+p)	**MT45 (p,n+p+α) or MT5 (Mn54 production)**	MT102 (p,γ) >>

Co59 (p,n+p+α) or Mn54 production log-log



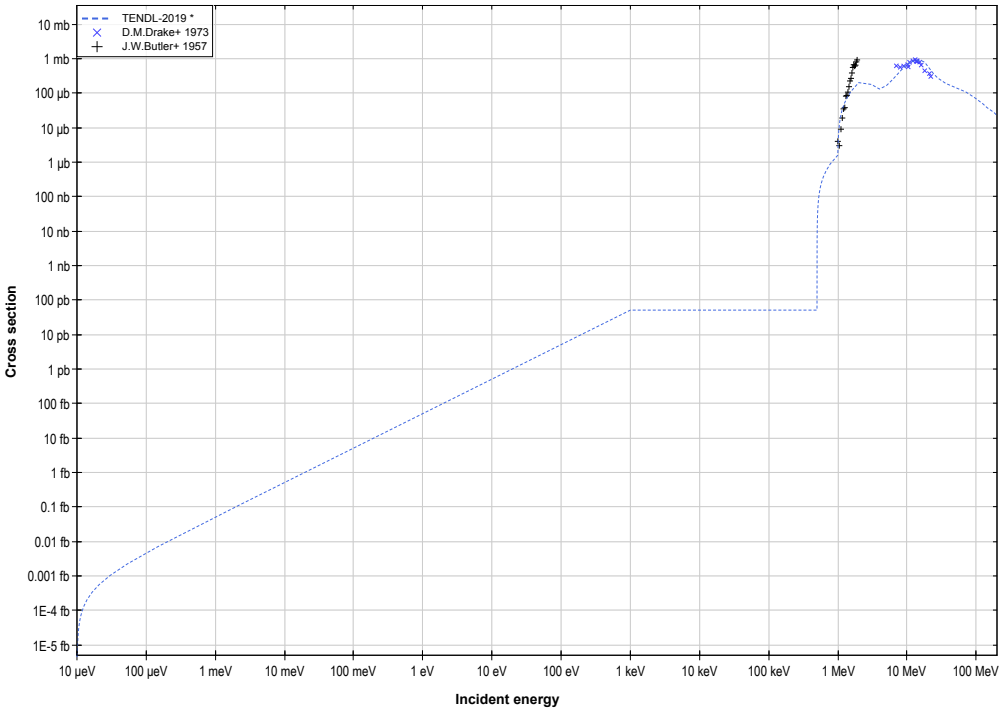
Co59 (p,n+p+α) or Mn54 production lin-log



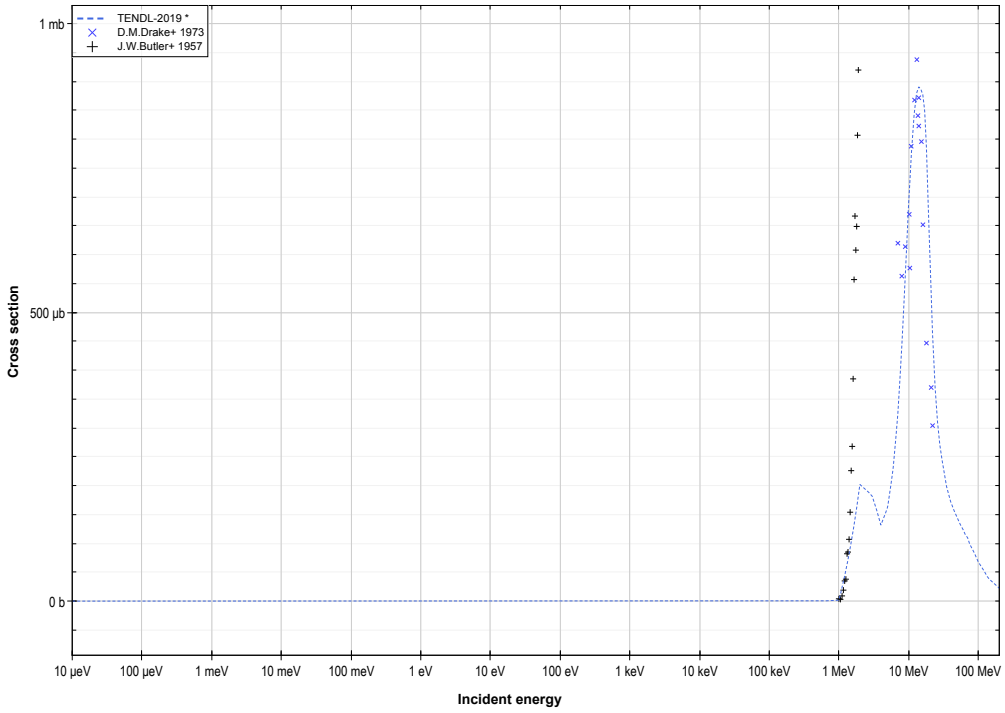
Reaction	Q-Value	Reaction	Q-Value
Co59(p,d+α)Mn54	-14943.77 keV	Co59(p,n+p+2d)Mn54	-41014.86 keV
Co59(p,n+p+α)Mn54	-17168.33 keV	Co59(p,2n+2p+d)Mn54	-43239.43 keV
Co59(p,t+He3)Mn54	-29264.16 keV	Co59(p,3n+3p)Mn54	-45463.99 keV
Co59(p,p+d+t)Mn54	-34757.63 keV		
Co59(p,n+d+He3)Mn54	-35521.39 keV		
Co59(p,n+2p+t)Mn54	-36982.20 keV		
Co59(p,2n+p+He3)Mn54	-37745.95 keV		
Co59(p,3d)Mn54	-38790.29 keV		

<< 26-Fe-58	**27-Co-59**	28-Ni-58 >>
<< MT45 (p,n+p+α)	**MT102 (p,γ) or MT5 (Ni60 production)**	MT104 (p,d) >>

Co59 (p,γ) or Ni60 production log-log



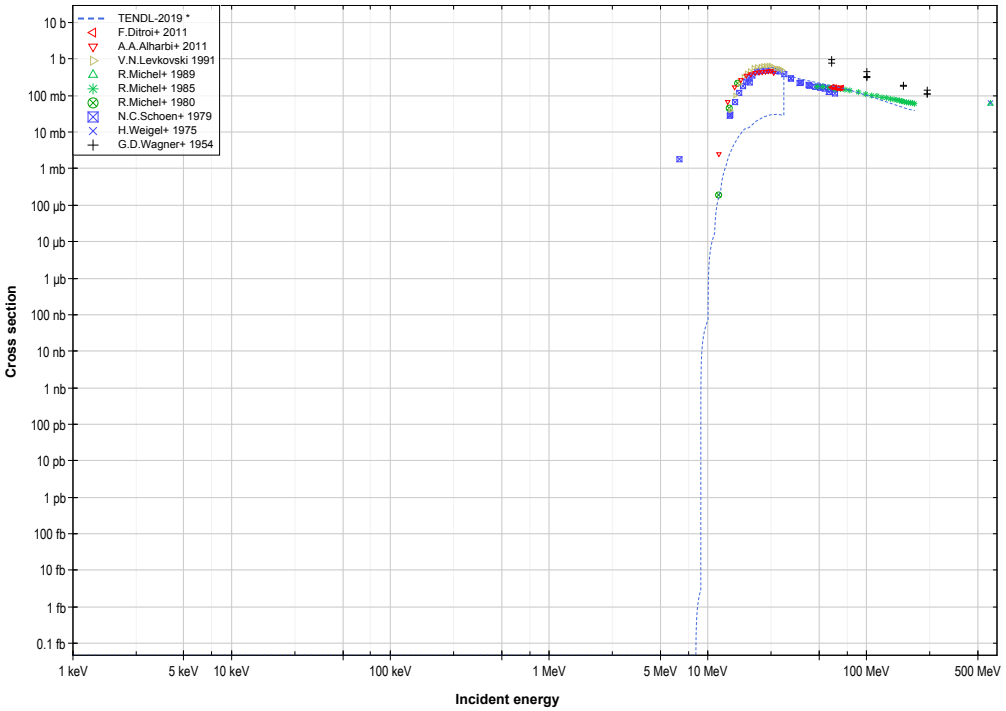
Co59 (p,γ) or Ni60 production lin-log



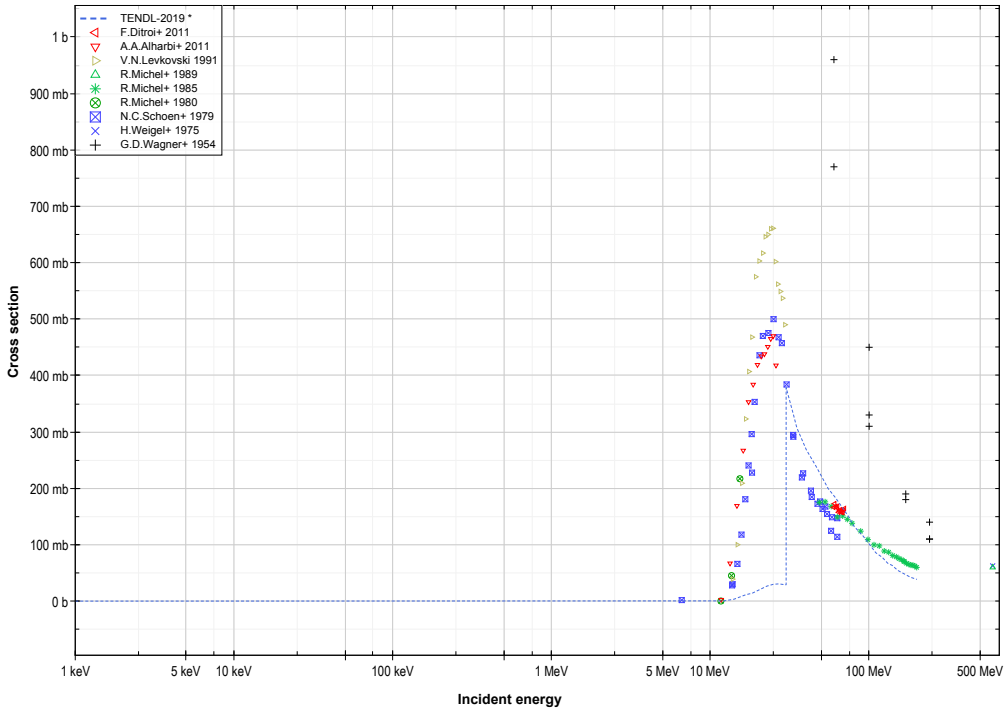
Reaction	Q-Value
Co59(p,γ)Ni60	9532.37 keV

<< 26-Fe-56	**27-Co-59**	28-Ni-58 >>
<< MT102 (p,γ)	**MT104 (p,d) or MT5 (Co58 production)**	MT105 (p,t) >>

Co59 (p,d) or Co58 production log-log



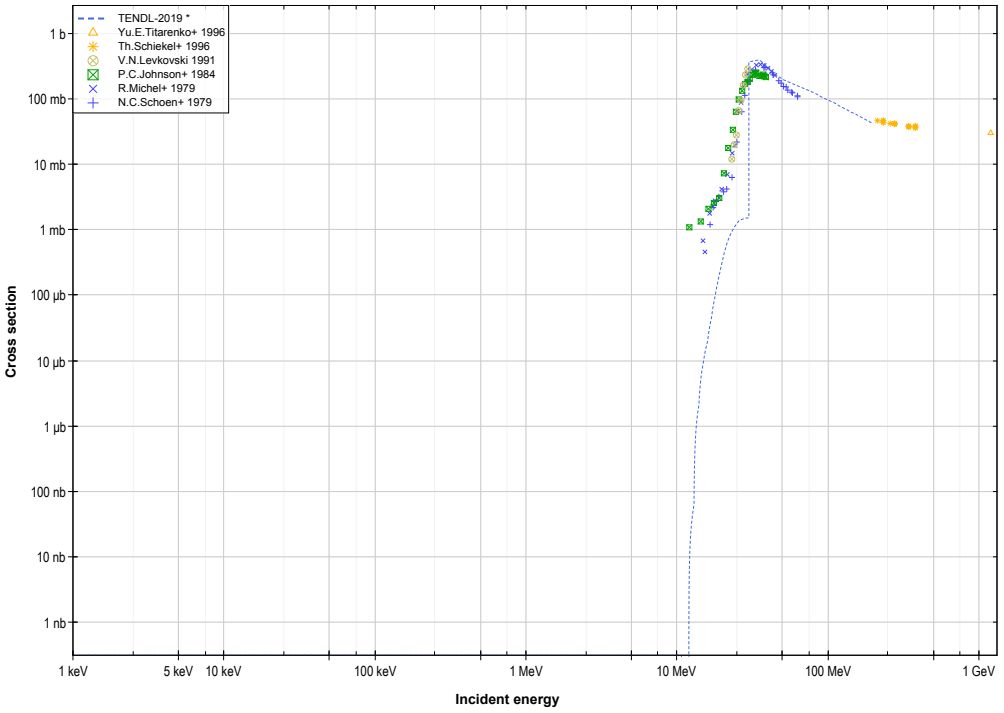
Co59 (p,d) or Co58 production lin-log



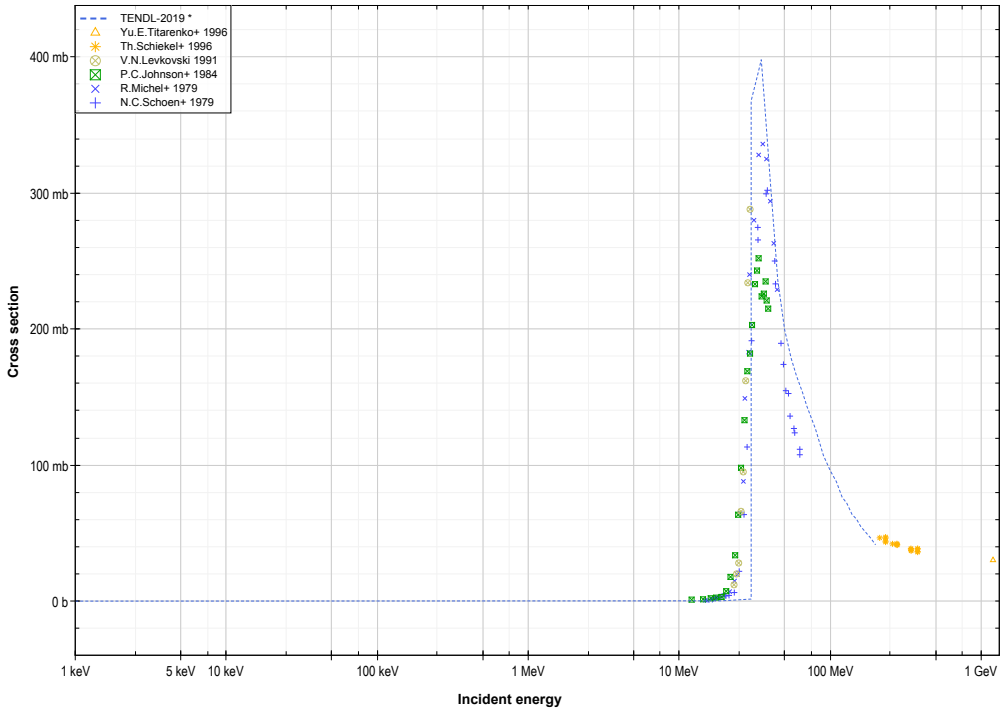
Reaction	Q-Value
Co59(p,d)Co58	-8229.25 keV
Co59(p,n+p)Co58	-10453.82 keV

<< 26-Fe-54	**27-Co-59**	28-Ni-58 >>
<< MT104 (p,d)	**MT105 (p,t) or MT5 (Co57 production)**	MT117 (p,d+α) >>

Co59 (p,t) or Co57 production log-log



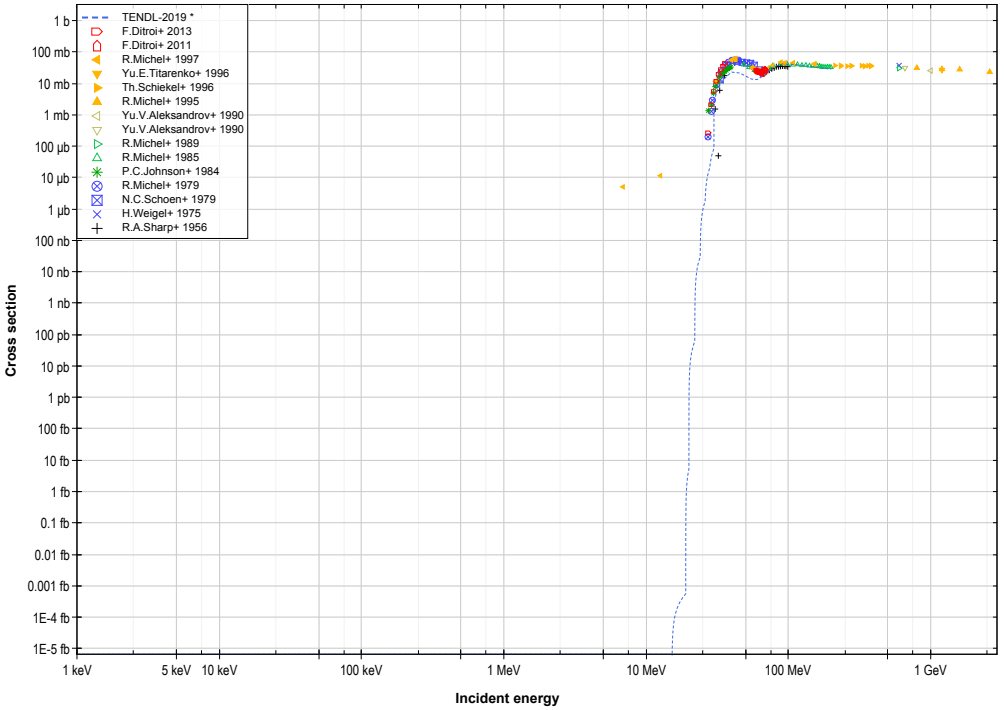
Co59 (p,t) or Co57 production lin-log



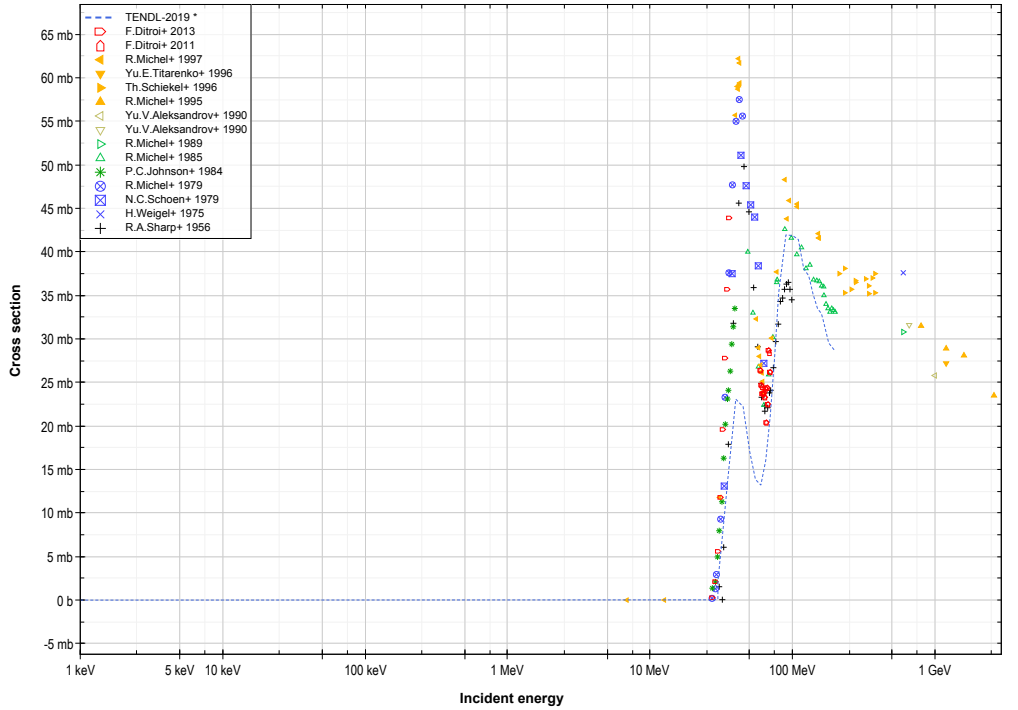
Reaction	Q-Value
Co59(p,t)Co57	-10544.94 keV
Co59(p,n+d)Co57	-16802.17 keV
Co59(p,2n+p)Co57	-19026.73 keV

<< 23-V-51	**27-Co-59**	28-Ni-60 >>
<< MT105 (p,t)	**MT117 (p,d+α) or MT5 (Mn54 production)**	MT154 (p,2n+t) >>

Co59 (p,d+α) or Mn54 production log-log



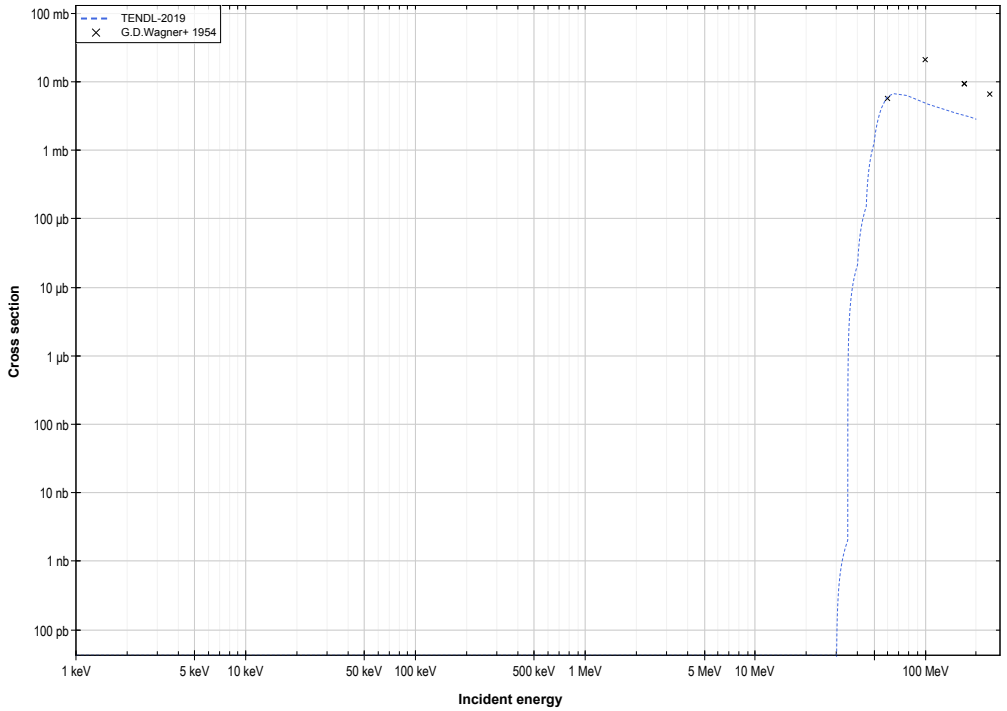
Co59 (p,d+α) or Mn54 production lin-log



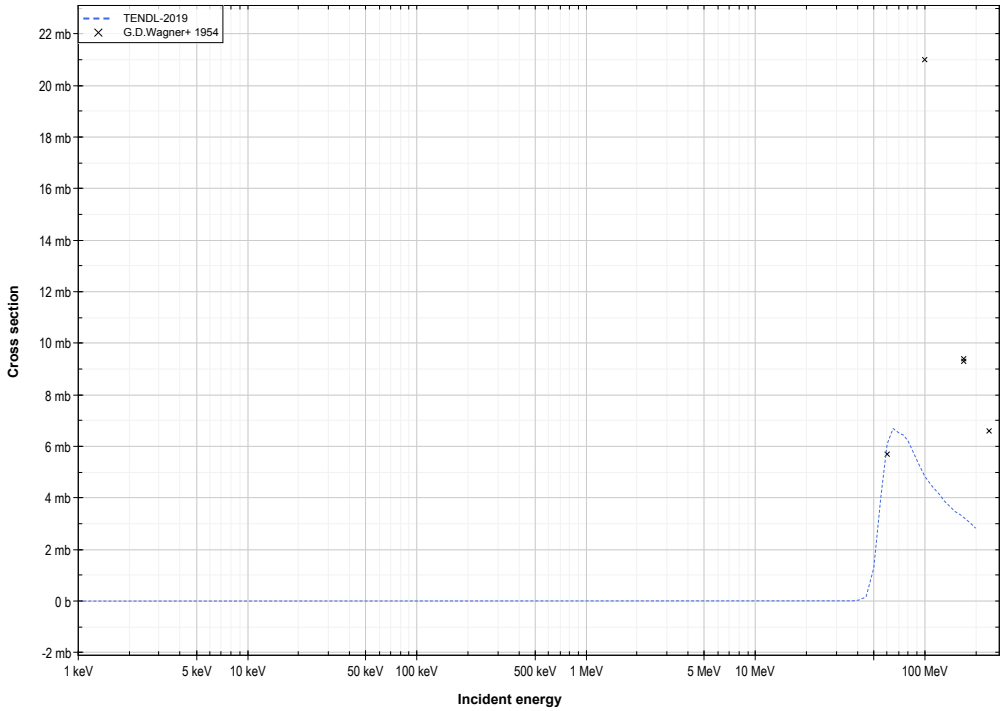
Reaction	Q-Value	Reaction	Q-Value
Co59(p,d+α)Mn54	-14943.77 keV	Co59(p,n+p+2d)Mn54	-41014.86 keV
Co59(p,n+p+α)Mn54	-17168.33 keV	Co59(p,2n+2p+d)Mn54	-43239.43 keV
Co59(p,t+He3)Mn54	-29264.16 keV	Co59(p,3n+3p)Mn54	-45463.99 keV
Co59(p,p+d+t)Mn54	-34757.63 keV		
Co59(p,n+d+He3)Mn54	-35521.39 keV		
Co59(p,n+2p+t)Mn54	-36982.20 keV		
Co59(p,2n+p+He3)Mn54	-37745.95 keV		
Co59(p,3d)Mn54	-38790.29 keV		

	27-Co-59	
<< MT117 (p,d+α)	**MT154 (p,2n+t) or MT5 (Co55 production)**	MT156 (p,4n+p) >>

Co59 (p,2n+t) or Co55 production log-log



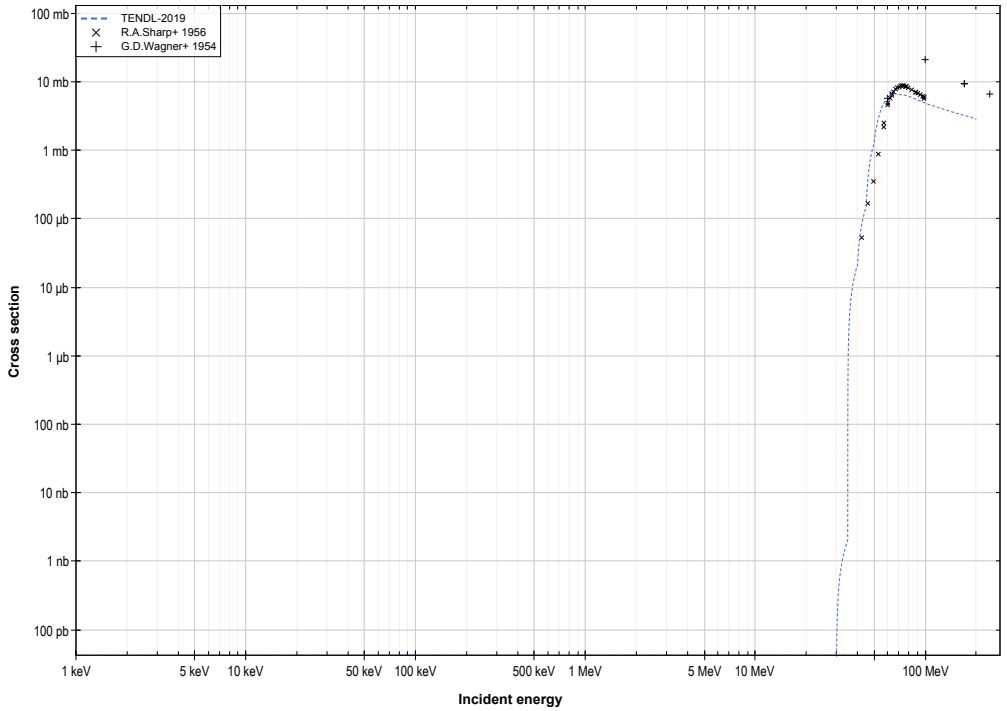
Co59 (p,2n+t) or Co55 production lin-log



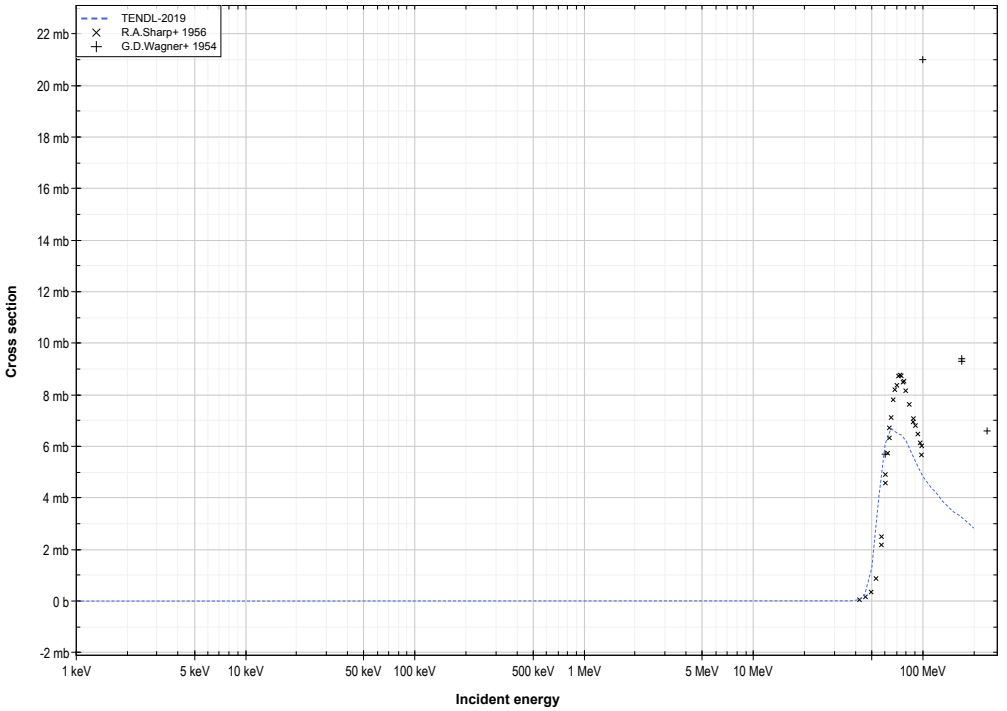
Reaction	Q-Value
Co59(p,2n+t)Co55	-32003.27 keV
Co59(p,3n+d)Co55	-38260.50 keV
Co59(p,4n+p)Co55	-40485.07 keV

	27-Co-59	
<< MT154 (p,2n+t)	**MT156 (p,4n+p) or MT5 (Co55 production)**	MT157 (p,3n+d) >>

Co59 (p,4n+p) or Co55 production log-log



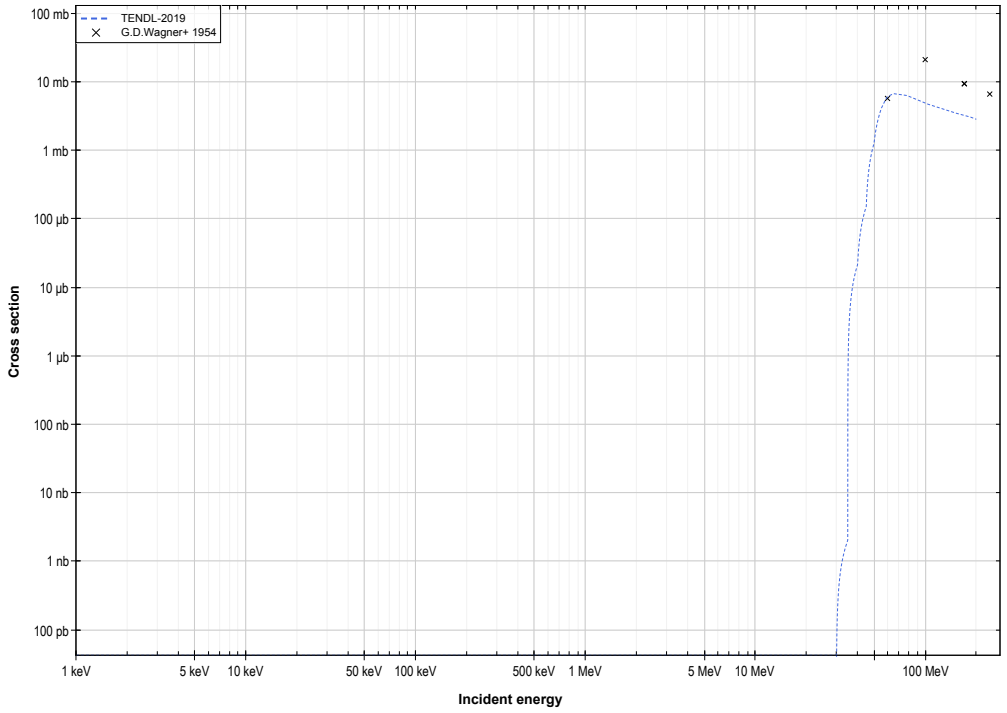
Co59 (p,4n+p) or Co55 production lin-log



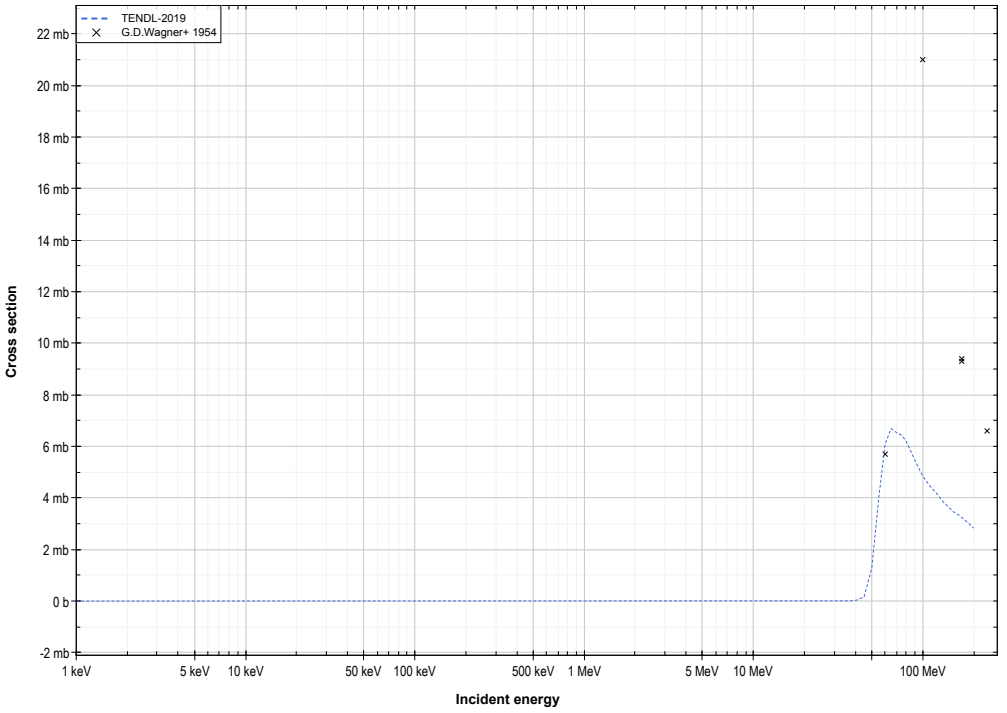
Reaction	Q-Value
Co59(p,2n+t)Co55	-32003.27 keV
Co59(p,3n+d)Co55	-38260.50 keV
Co59(p,4n+p)Co55	-40485.07 keV

	27-Co-59	30-Zn-66 >>
<< MT156 (p,4n+p)	**MT157 (p,3n+d) or MT5 (Co55 production)**	MT165 (p,4n+α) >>

Co59 (p,3n+d) or Co55 production log-log



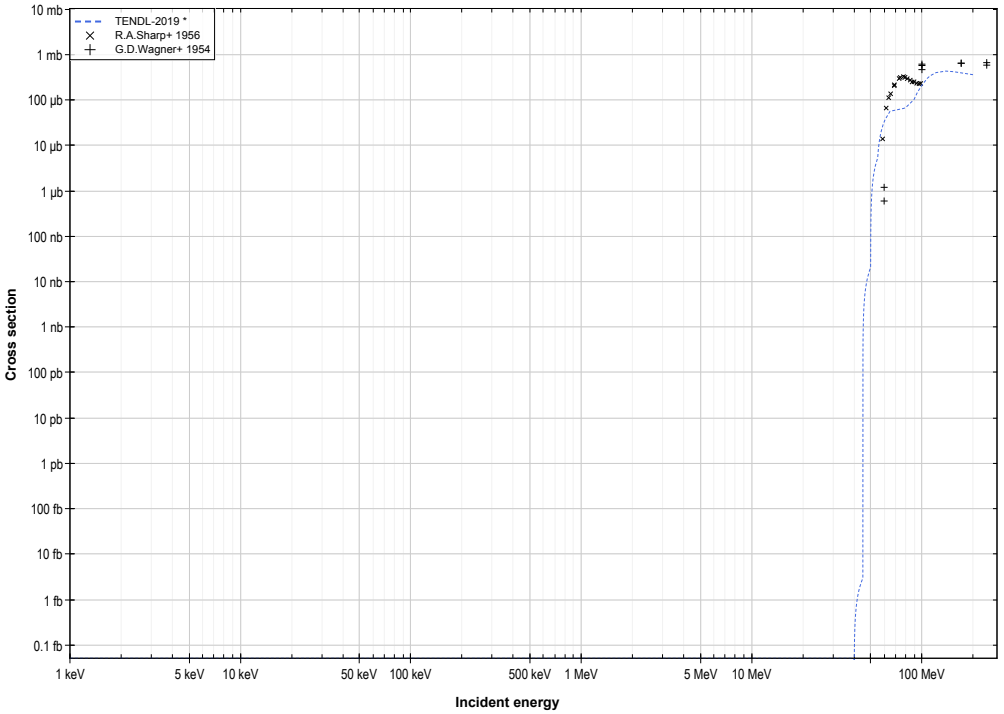
Co59 (p,3n+d) or Co55 production lin-log



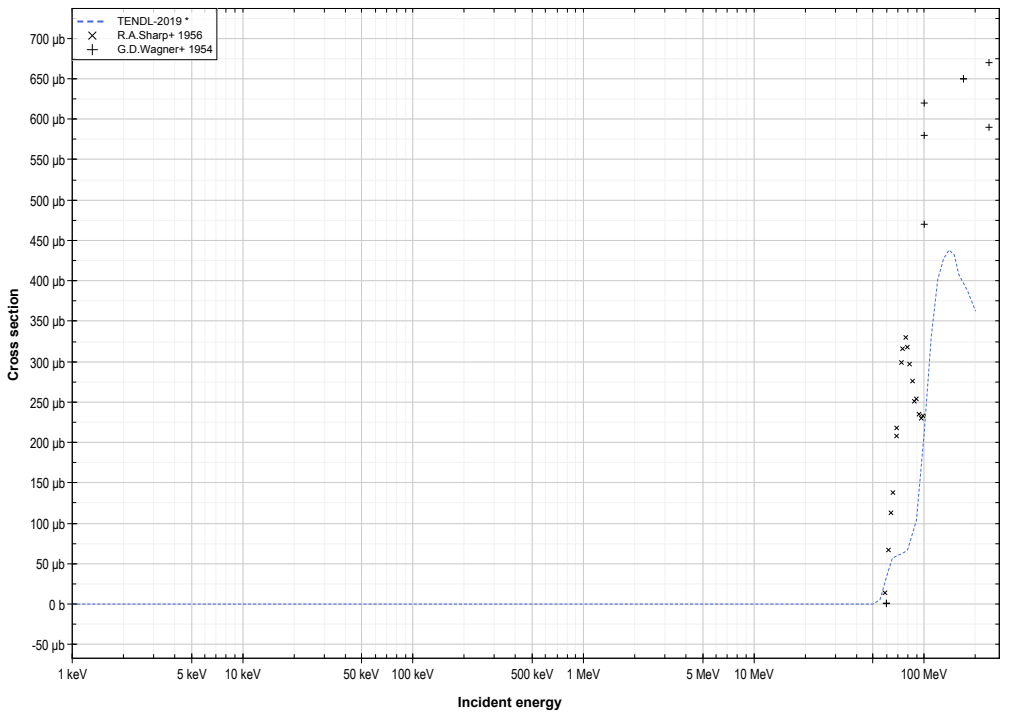
Reaction	Q-Value
Co59(p,2n+t)Co55	-32003.27 keV
Co59(p,3n+d)Co55	-38260.50 keV
Co59(p,4n+p)Co55	-40485.07 keV

<< 22-Ti-50	**27-Co-59**	39-Y-89 >>
<< MT157 (p,3n+d)	**MT165 (p,4n+α) or MT5 (Fe52 production)**	MT178 (p,4n+^{3}He) >>

Co59 (p,4n+α) or Fe52 production log-log



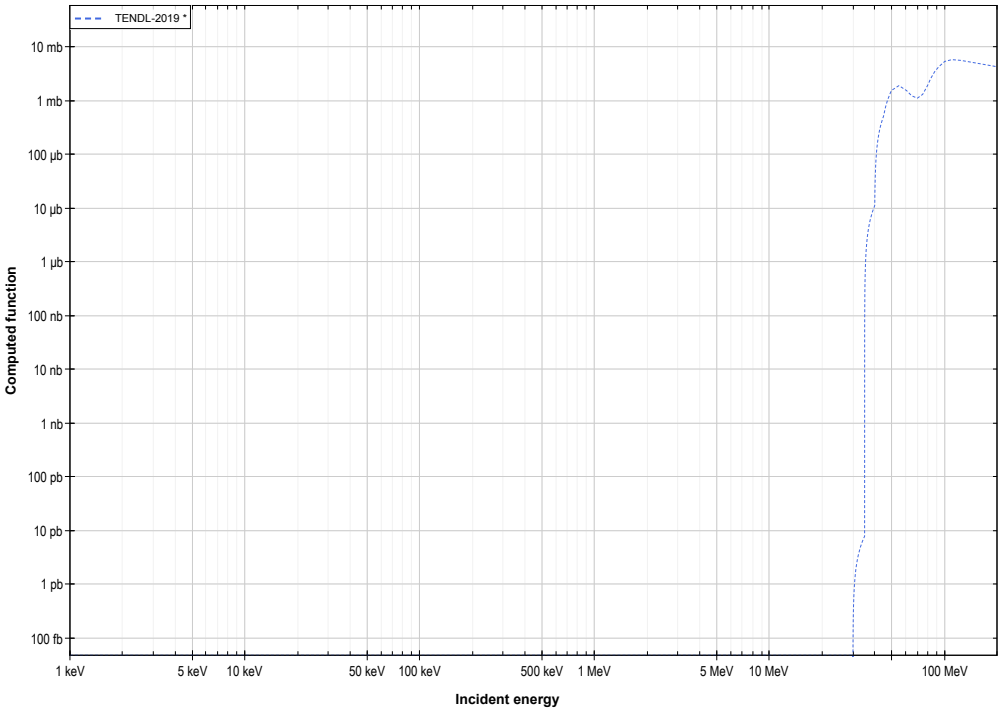
Co59 (p,4n+α) or Fe52 production lin-log



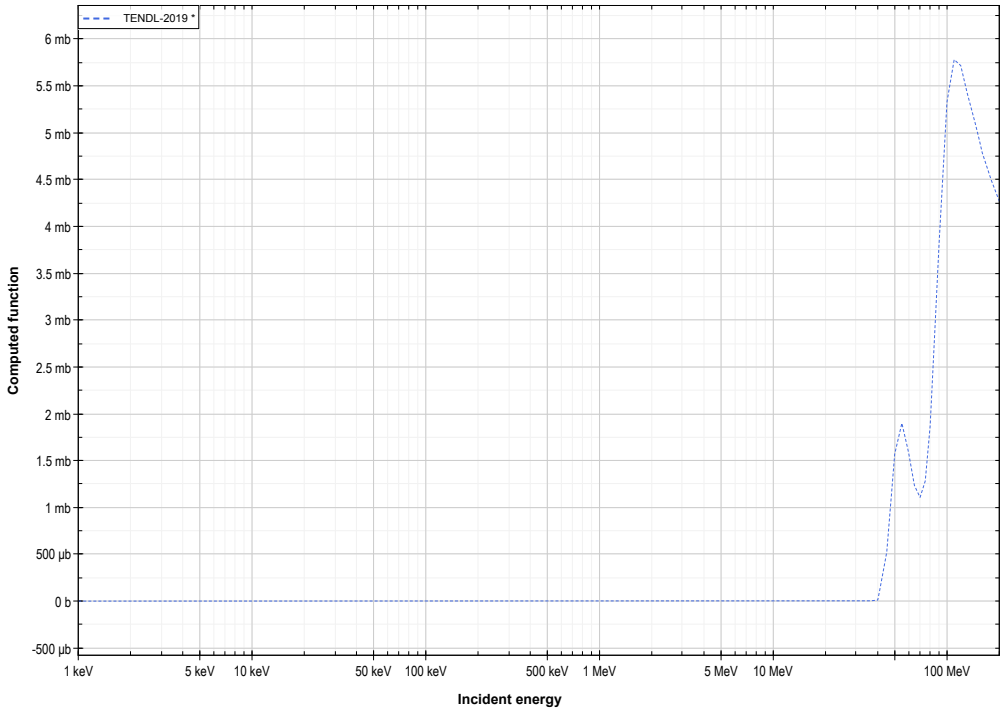
Reaction	Q-Value
Co59(p,4n+α)Fe52	-41320.91 keV
Co59(p,2n+2t)Fe52	-52652.98 keV
Co59(p,3n+d+t)Fe52	-58910.21 keV
Co59(p,4n+p+t)Fe52	-61134.78 keV
Co59(p,5n+He3)Fe52	-61898.53 keV
Co59(p,4n+2d)Fe52	-65167.44 keV
Co59(p,5n+p+d)Fe52	-67392.01 keV
Co59(p,6n+2p)Fe52	-69616.57 keV

	27-Co-59	39-Y-89 >>
<< MT165 (p,4n+α)	**MT178 (p,4n+³He) or MT5 (Fe53 production)**	MT181 (p,3n+p+α) >>

Co59 (p,4n+³He) or Fe53 production log-log



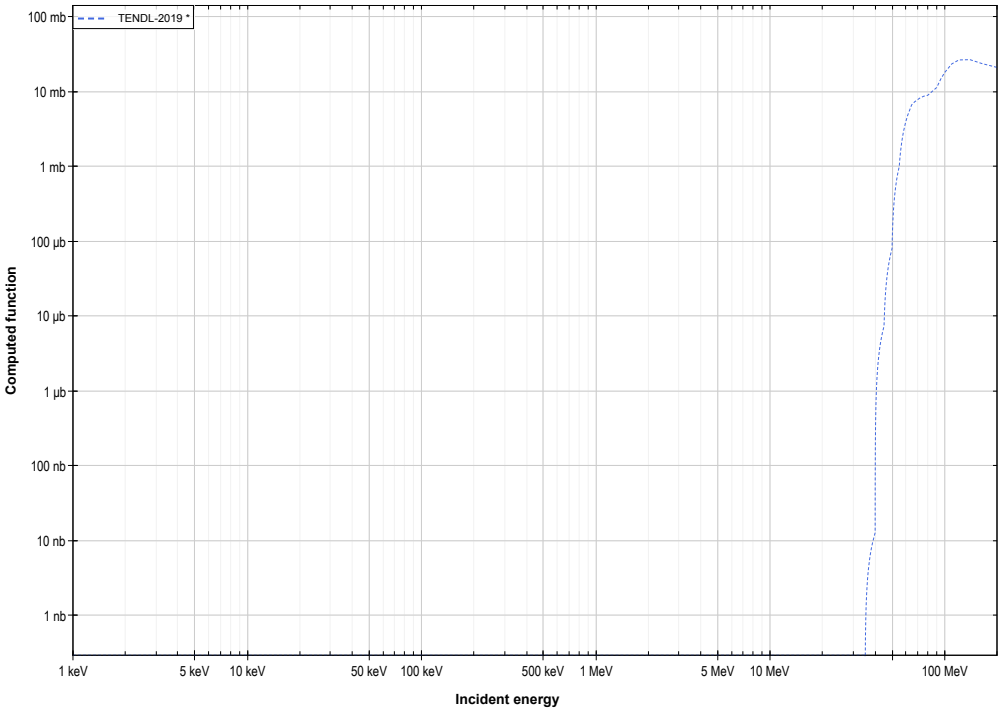
Co59 (p,4n+³He) or Fe53 production lin-log



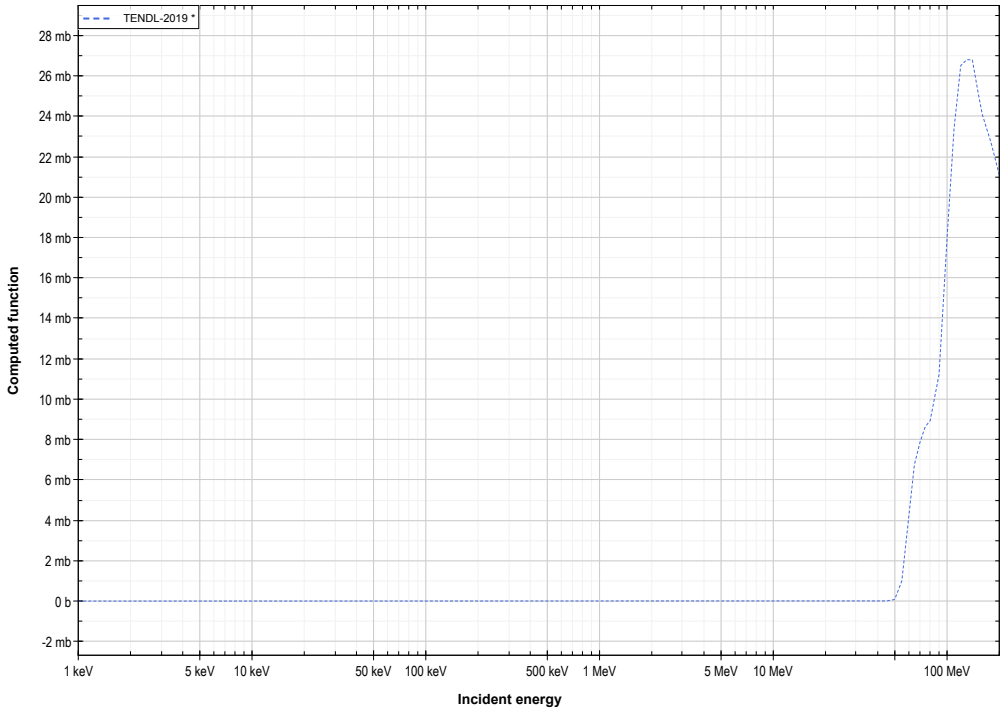
Reaction	Q-Value
Co59(p,3n+α)Fe53	-30632.10 keV
Co59(p,n+2t)Fe53	-41964.17 keV
Co59(p,2n+d+t)Fe53	-48221.40 keV
Co59(p,3n+p+t)Fe53	-50445.96 keV
Co59(p,4n+He3)Fe53	-51209.72 keV
Co59(p,3n+2d)Fe53	-54478.62 keV
Co59(p,4n+p+d)Fe53	-56703.19 keV
Co59(p,5n+2p)Fe53	-58927.76 keV

<< 25-Mn-55	**27-Co-59**	31-Ga-71 >>
<< MT178 (p,4n+^{3}He)	**MT181 (p,3n+p+α) or MT5 (Mn52 production)**	MT187 (p,n+d+^{3}He) >>

Co59 (p,3n+p+α) or Mn52 production log-log



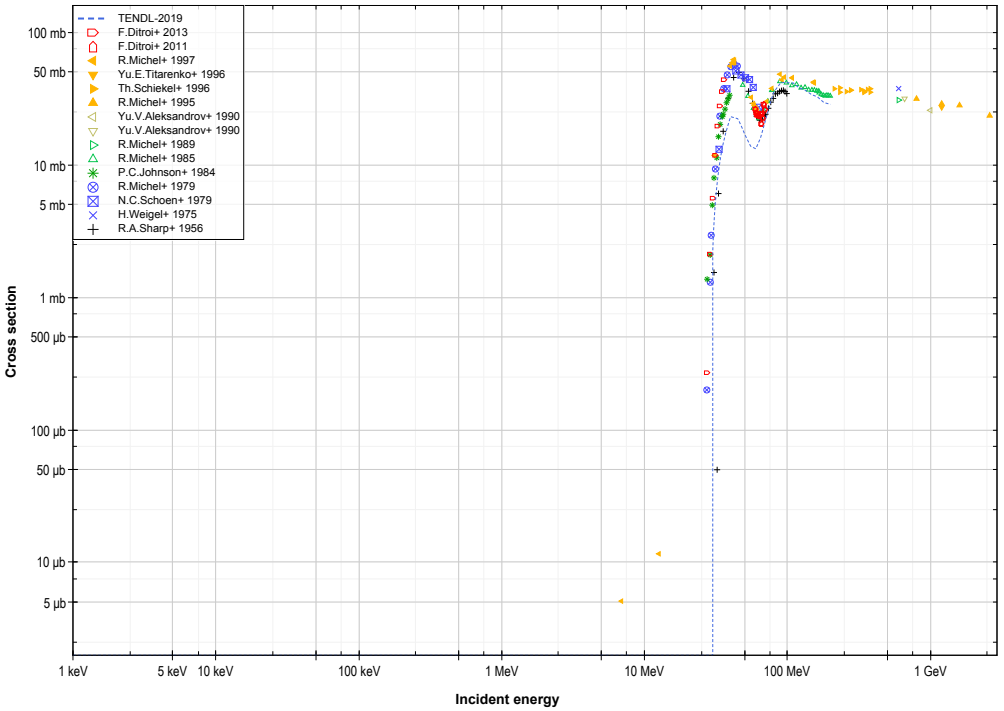
Co59 (p,3n+p+α) or Mn52 production lin-log



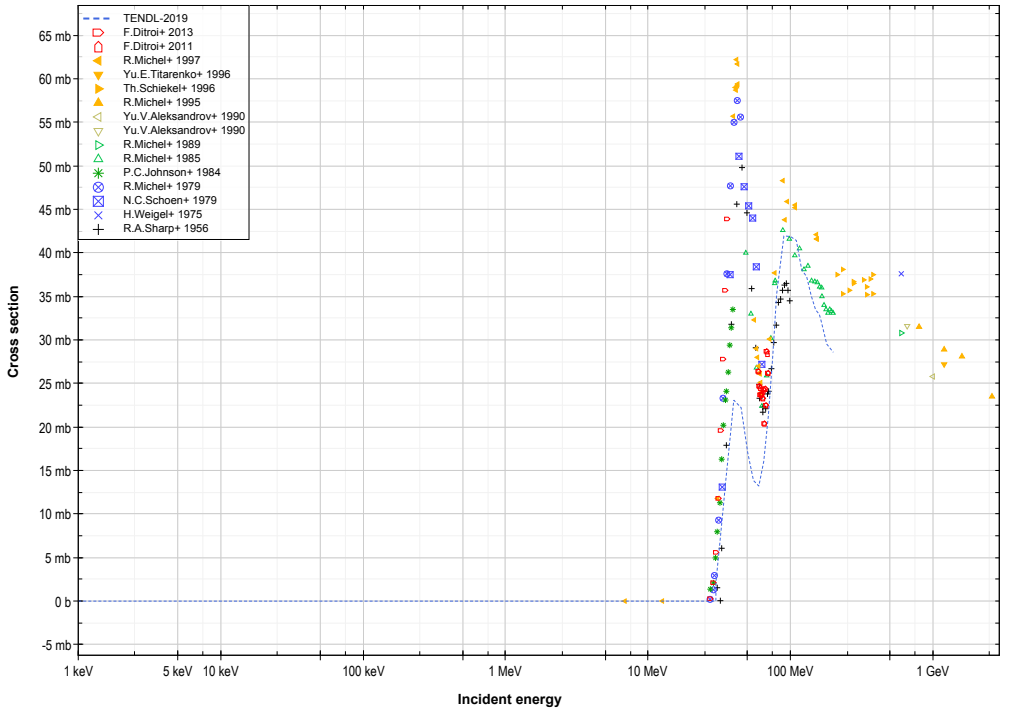
Reaction	Q-Value	Reaction	Q-Value
Co59(p,n+t+α)Mn52	-29679.47 keV	Co59(p,3n+d+He3)Mn52	-56514.32 keV
Co59(p,2n+d+α)Mn52	-35936.70 keV	Co59(p,3n+2p+t)Mn52	-57975.13 keV
Co59(p,3n+p+α)Mn52	-38161.27 keV	Co59(p,4n+p+He3)Mn52	-58738.89 keV
Co59(p,d+2t)Mn52	-47268.77 keV	Co59(p,2n+3d)Mn52	-59783.23 keV
Co59(p,n+p+2t)Mn52	-49493.34 keV	Co59(p,3n+p+2d)Mn52	-62007.79 keV
Co59(p,2n+t+He3)Mn52	-50257.09 keV	Co59(p,4n+2p+d)Mn52	-64232.36 keV
Co59(p,n+2d+t)Mn52	-53526.00 keV	Co59(p,5n+3p)Mn52	-66456.93 keV
Co59(p,2n+p+d+t)Mn52	-55750.57 keV		

<< 23-V-51	**27-Co-59**	28-Ni-60 >>
<< MT181 (p,3n+p+α)	**MT187 (p,n+d+³He) or MT5 (Mn54 production)**	MT189 (p,n+t+a) >>

Co59 (p,n+d+³He) or Mn54 production log-log



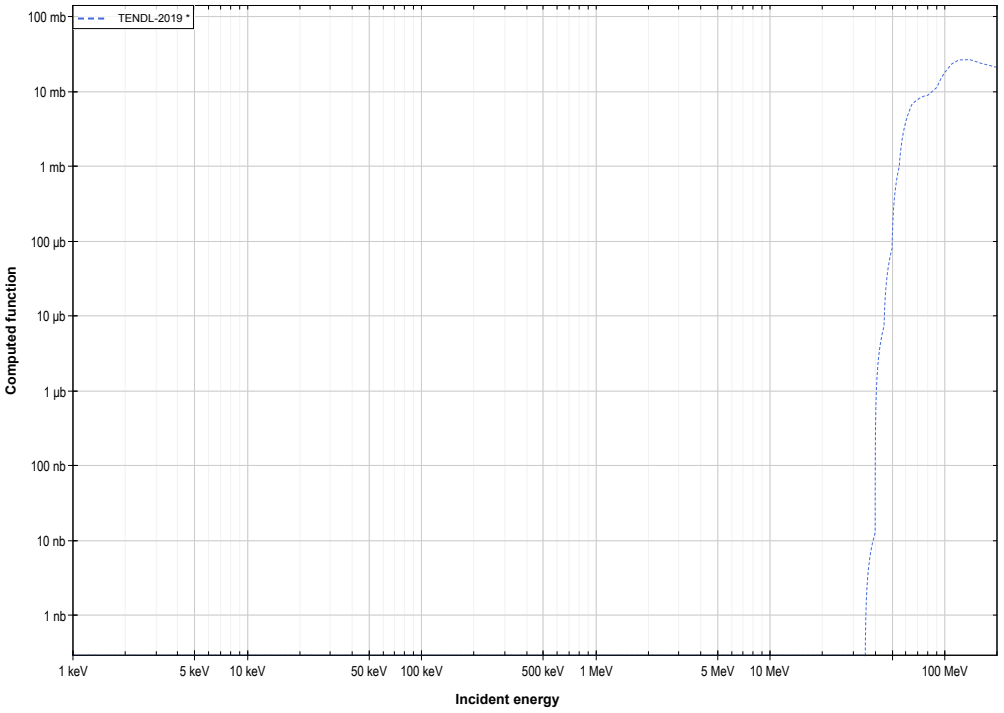
Co59 (p,n+d+³He) or Mn54 production lin-log



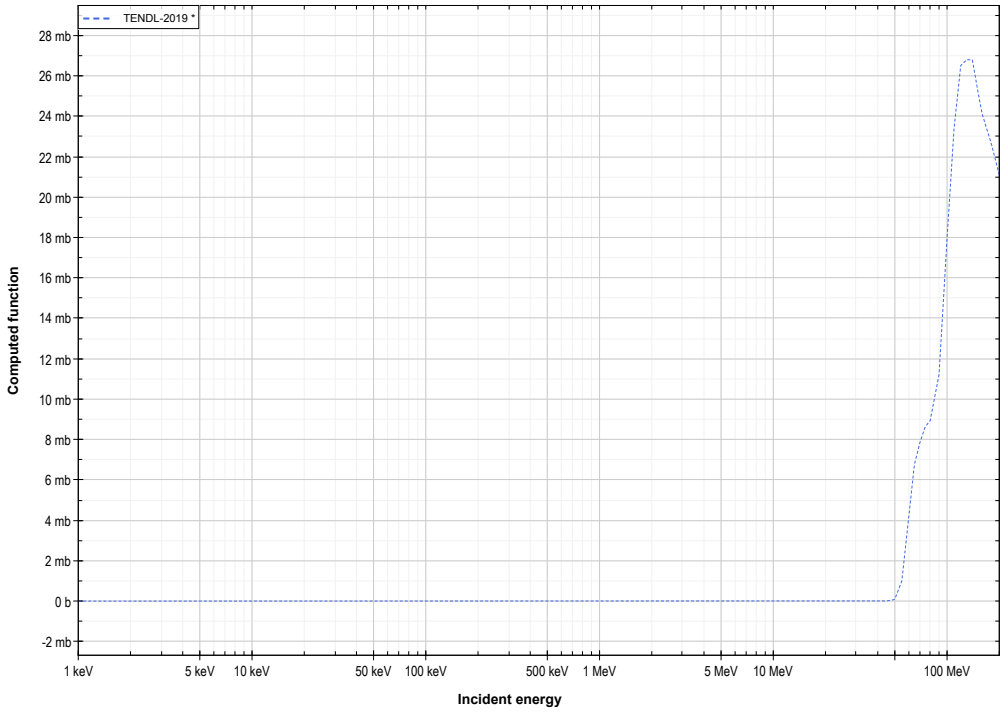
Reaction	Q-Value	Reaction	Q-Value
Co59(p,d+α)Mn54	-14943.77 keV	Co59(p,n+p+2d)Mn54	-41014.86 keV
Co59(p,n+p+α)Mn54	-17168.33 keV	Co59(p,2n+2p+d)Mn54	-43239.43 keV
Co59(p,t+He3)Mn54	-29264.16 keV	Co59(p,3n+3p)Mn54	-45463.99 keV
Co59(p,p+d+t)Mn54	-34757.63 keV		
Co59(p,n+d+He3)Mn54	-35521.39 keV		
Co59(p,n+2p+t)Mn54	-36982.20 keV		
Co59(p,2n+p+He3)Mn54	-37745.95 keV		
Co59(p,3d)Mn54	-38790.29 keV		

<< 25-Mn-55	**27-Co-59**	31-Ga-71 >>
<< MT187 (p,n+d+^{3}He)	**MT189 (p,n+t+a) or MT5 (Mn52 production)**	MT191 (p,p+^{3}He) >>

Co59 (p,n+t+a) or Mn52 production log-log



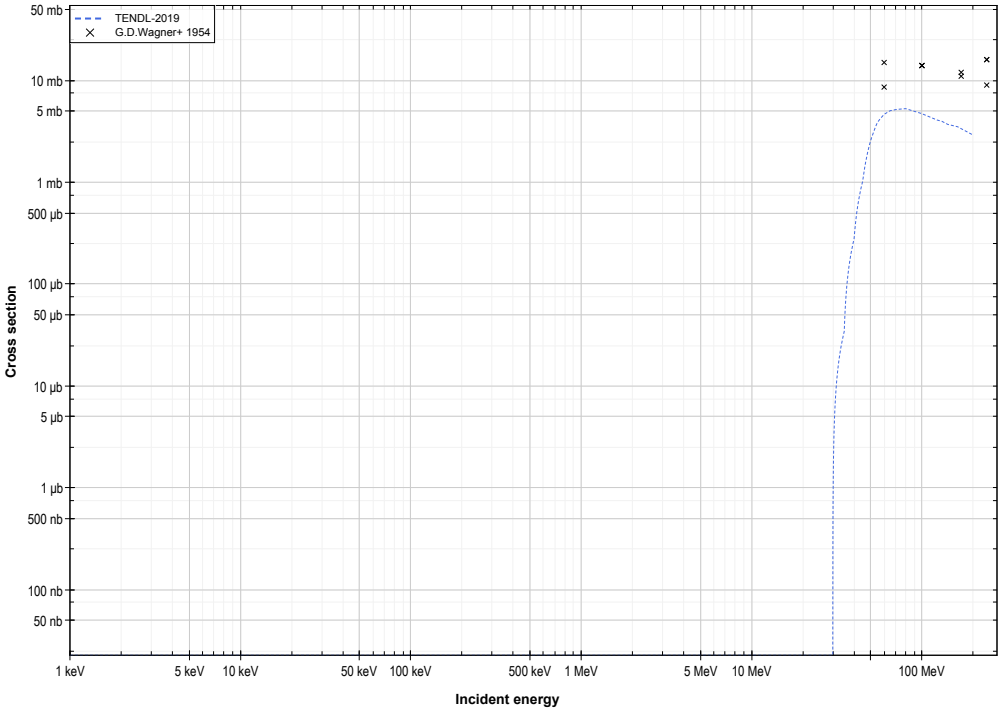
Co59 (p,n+t+a) or Mn52 production lin-log



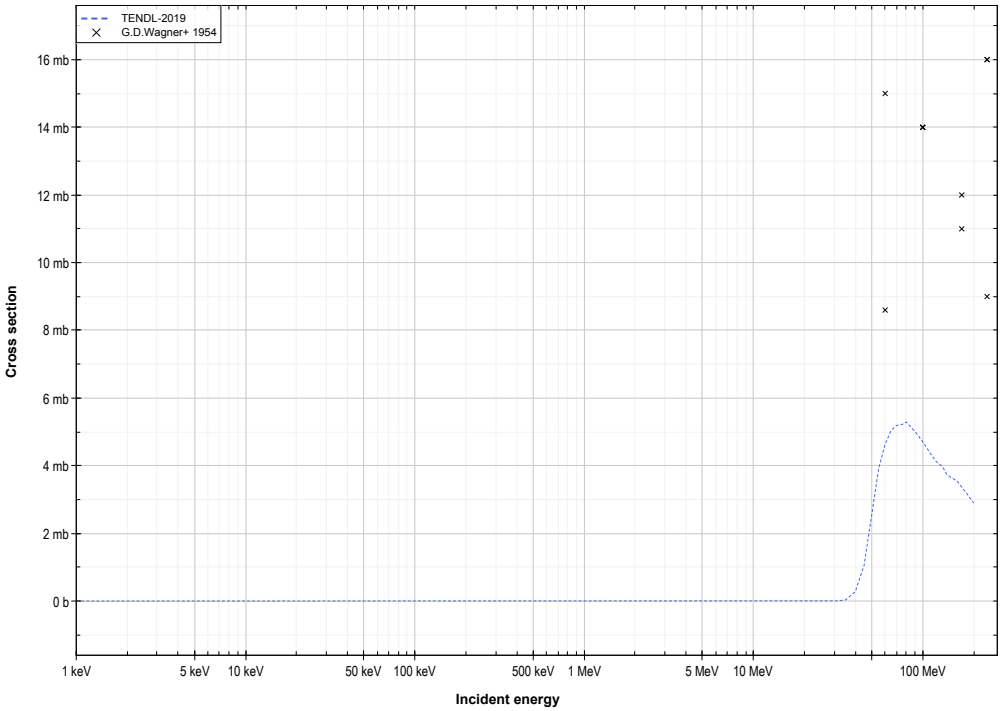
Reaction	Q-Value	Reaction	Q-Value
Co59(p,n+t+α)Mn52	-29679.47 keV	Co59(p,3n+d+He3)Mn52	-56514.32 keV
Co59(p,2n+d+α)Mn52	-35936.70 keV	Co59(p,3n+2p+t)Mn52	-57975.13 keV
Co59(p,3n+p+α)Mn52	-38161.27 keV	Co59(p,4n+p+He3)Mn52	-58738.89 keV
Co59(p,d+2t)Mn52	-47268.77 keV	Co59(p,2n+3d)Mn52	-59783.23 keV
Co59(p,n+p+2t)Mn52	-49493.34 keV	Co59(p,3n+p+2d)Mn52	-62007.79 keV
Co59(p,2n+t+He3)Mn52	-50257.09 keV	Co59(p,4n+2p+d)Mn52	-64232.36 keV
Co59(p,n+2d+t)Mn52	-53526.00 keV	Co59(p,5n+3p)Mn52	-66456.93 keV
Co59(p,2n+p+d+t)Mn52	-55750.57 keV		

<< 23-V-51	**27-Co-59**	39-Y-89 >>
<< MT189 (p,n+t+a)	**MT191 (p,p+³He) or MT5 (Mn56 production)**	MT195 (p,4n+2α) >>

Co59 (p,p+³He) or Mn56 production log-log



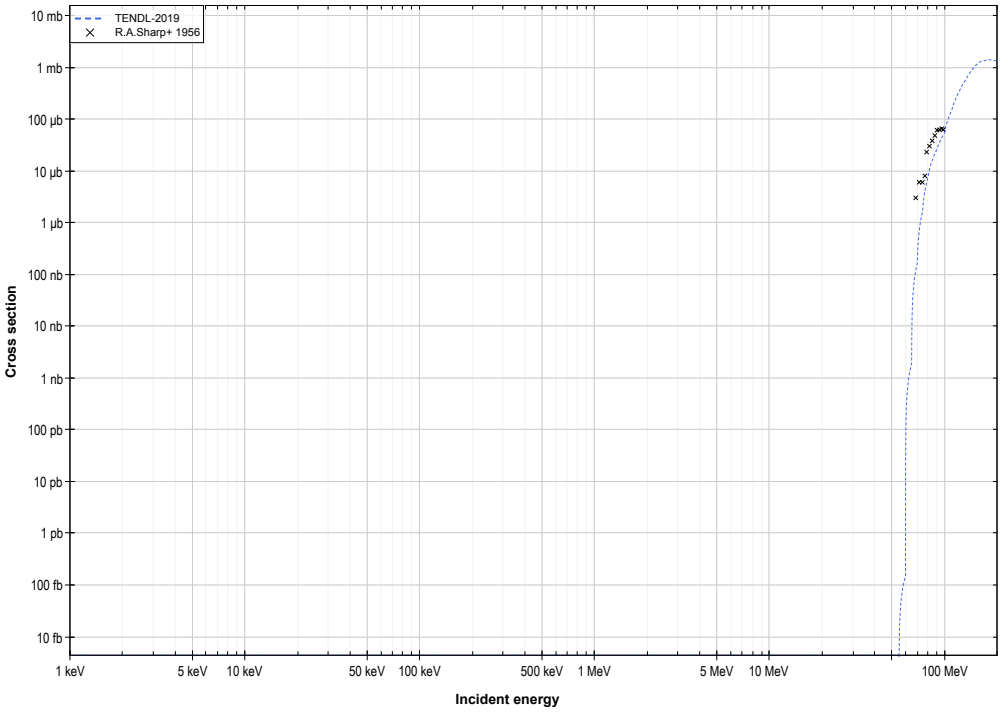
Co59 (p,p+³He) or Mn56 production lin-log



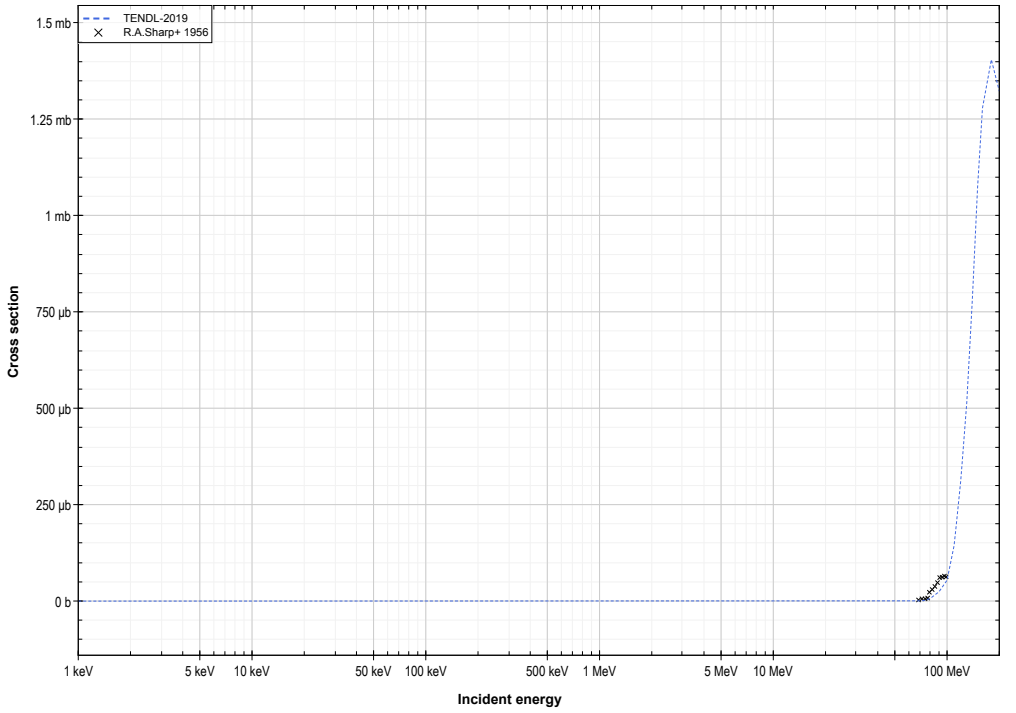
Reaction	Q-Value
Co59(p,p+He3)Mn56	-20249.42 keV
Co59(p,2p+d)Mn56	-25742.89 keV
Co59(p,n+3p)Mn56	-27967.46 keV

	27-Co-59	
<< MT191 (p,p+³He)	**MT195 (p,4n+2α) or MT5 (Cr48 production)**	MT196 (p,4n+p+α) >>

Co59 (p,4n+2α) or Cr48 production log-log



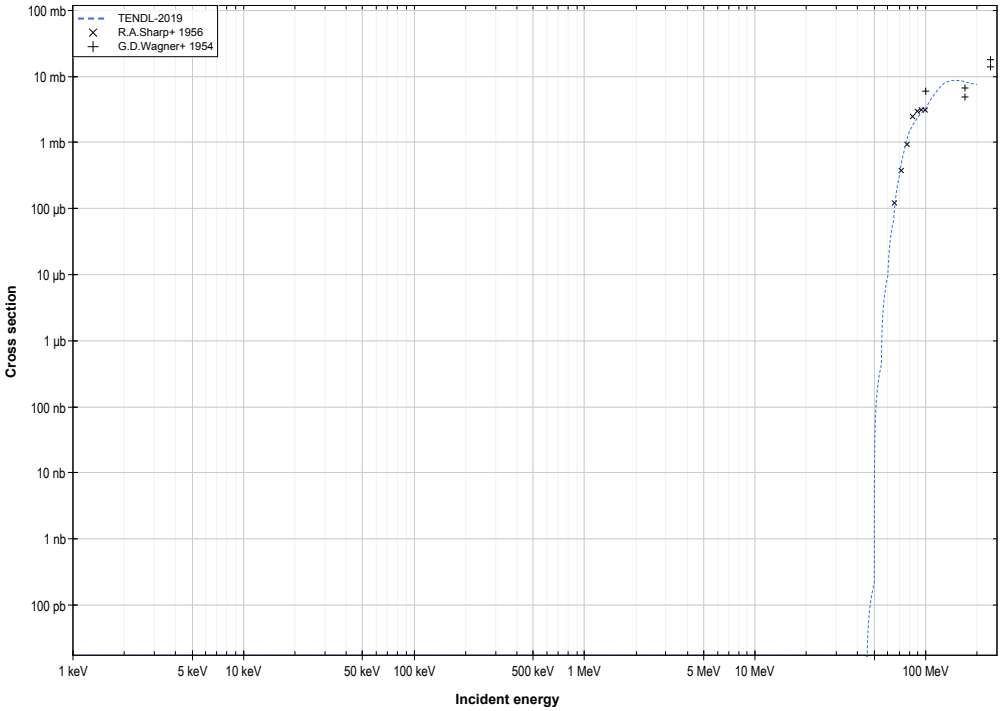
Co59 (p,4n+2α) or Cr48 production lin-log



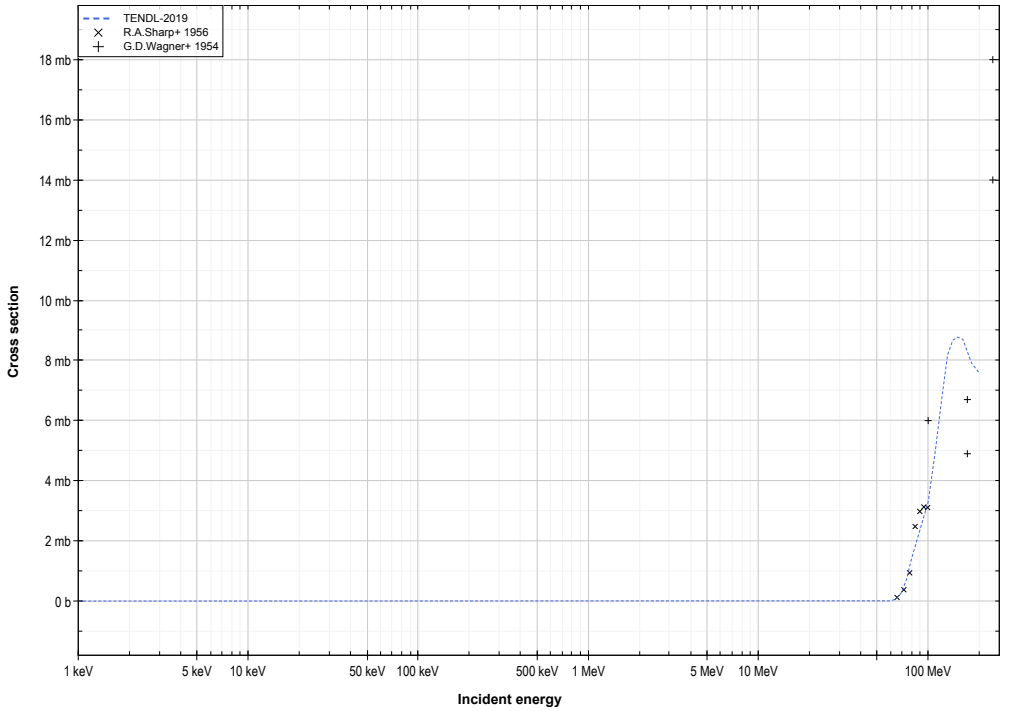
Reaction	Q-Value	Reaction	Q-Value
Co59(p,4n+2α)Cr48	-49253.83 keV	Co59(p,6n+2p+α)Cr48	-77549.49 keV
Co59(p,2n+2t+α)Cr48	-60585.90 keV	Co59(p,n+d+3t)Cr48	-78175.20 keV
Co59(p,3n+d+t+α)Cr48	-66843.13 keV	Co59(p,2n+p+3t)Cr48	-80399.76 keV
Co59(p,4n+p+t+α)Cr48	-69067.69 keV	Co59(p,3n+2t+He3)Cr48	-81163.52 keV
Co59(p,5n+He3+α)Cr48	-69831.45 keV	Co59(p,2n+2d+2t)Cr48	-84432.43 keV
Co59(p,4t)Cr48	-71917.97 keV	Co59(p,3n+p+d+2t)Cr48	-86656.99 keV
Co59(p,4n+2d+α)Cr48	-73100.36 keV	Co59(p,4n+d+t+He3)Cr48	-87420.75 keV
Co59(p,5n+p+d+α)Cr48	-75324.92 keV	Co59(p,4n+2p+2t)Cr48	-88881.56 keV

	27-Co-59	32-Ge-70 >>
<< MT195 (p,4n+2α)	**MT196 (p,4n+p+α) or MT5 (Mn51 production)**	MT198 (p,n+3p) >>

Co59 (p,4n+p+α) or Mn51 production log-log



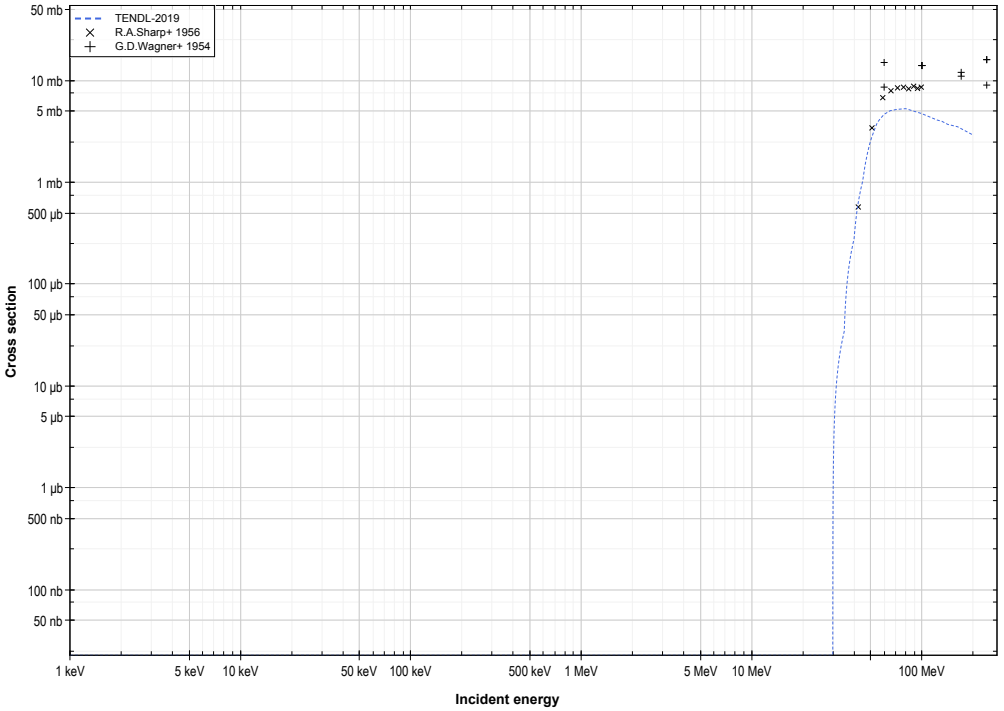
Co59 (p,4n+p+α) or Mn51 production lin-log



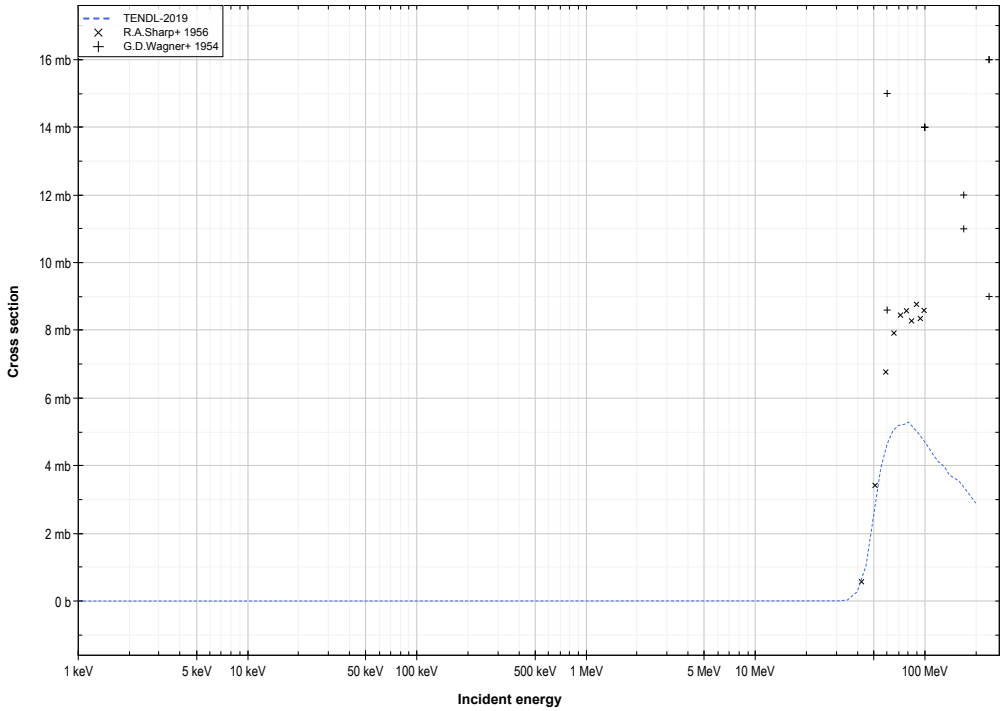
Reaction	Q-Value	Reaction	Q-Value
Co59(p,2n+t+α)Mn51	-40214.19 keV	Co59(p,3n+p+d+t)Mn51	-66285.28 keV
Co59(p,3n+d+α)Mn51	-46471.42 keV	Co59(p,4n+d+He3)Mn51	-67049.04 keV
Co59(p,4n+p+α)Mn51	-48695.98 keV	Co59(p,4n+2p+t)Mn51	-68509.85 keV
Co59(p,3t)Mn51	-51546.26 keV	Co59(p,5n+p+He3)Mn51	-69273.60 keV
Co59(p,n+d+2t)Mn51	-57803.49 keV	Co59(p,3n+3d)Mn51	-70317.95 keV
Co59(p,2n+p+2t)Mn51	-60028.05 keV	Co59(p,4n+p+2d)Mn51	-72542.51 keV
Co59(p,3n+t+He3)Mn51	-60791.81 keV	Co59(p,5n+2p+d)Mn51	-74767.08 keV
Co59(p,2n+2d+t)Mn51	-64060.72 keV	Co59(p,6n+3p)Mn51	-76991.64 keV

<< 23-V-51	**27-Co-59**	39-Y-89 >>
<< MT196 (p,4n+p+α)	**MT198 (p,n+3p) or MT5 (Mn56 production)**	MT199 (p,3n+2p+α) >>

Co59 (p,n+3p) or Mn56 production log-log



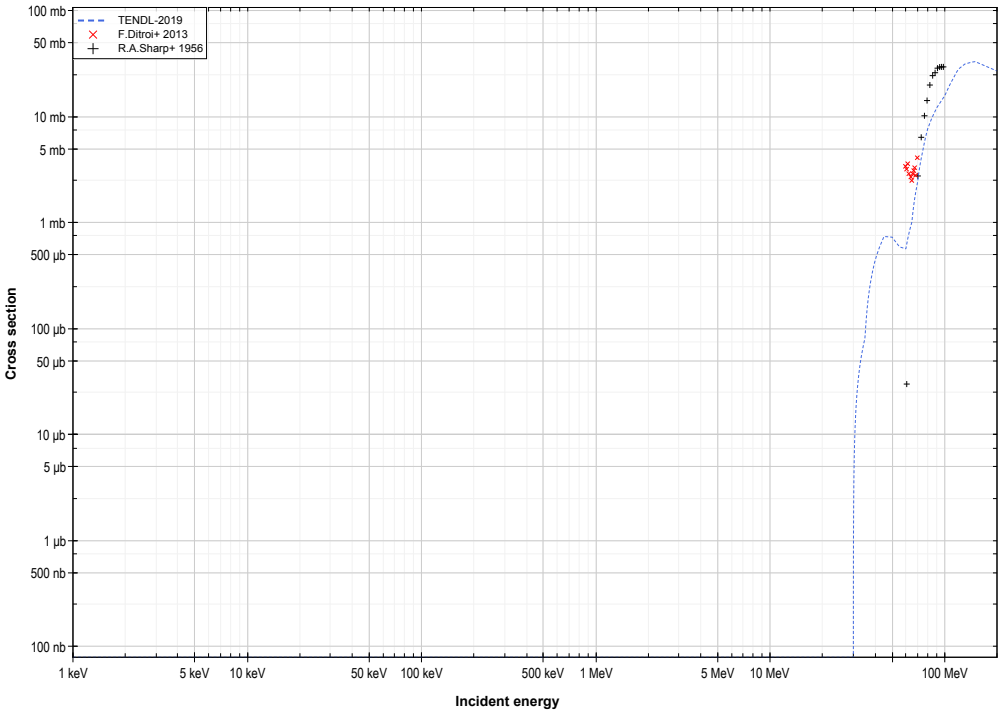
Co59 (p,n+3p) or Mn56 production lin-log



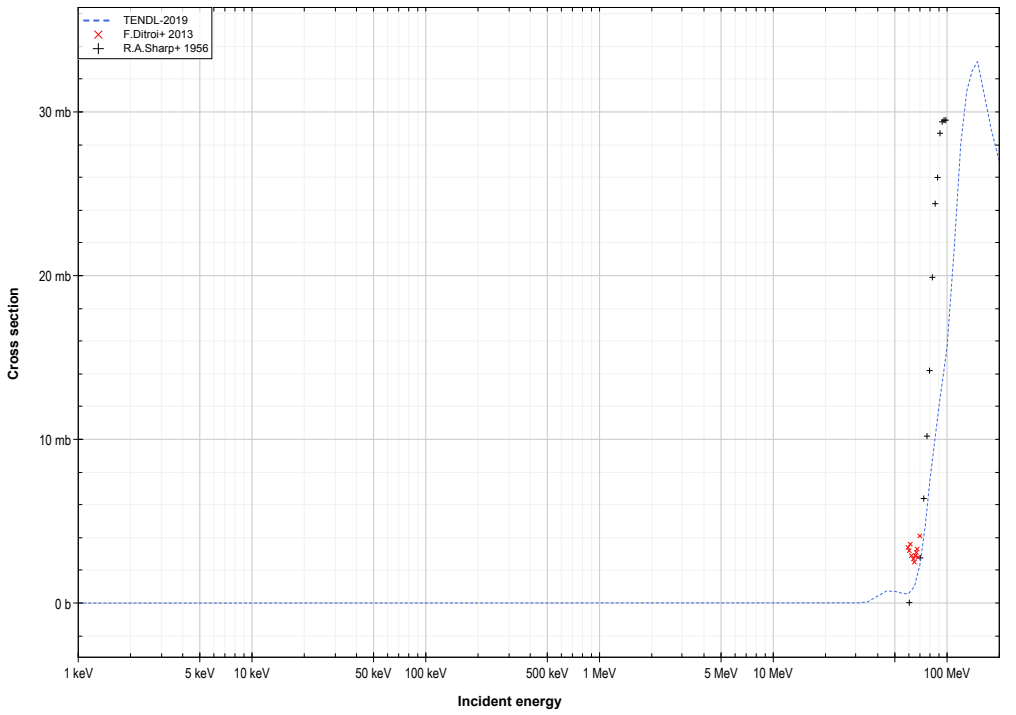
Reaction	Q-Value
Co59(p,p+He3)Mn56	-20249.42 keV
Co59(p,2p+d)Mn56	-25742.89 keV
Co59(p,n+3p)Mn56	-27967.46 keV

<< 14-Si-30	**27-Co-59**	41-Nb-93 >>
<< MT198 (p,n+3p)	**MT199 (p,3n+2p+α) or MT5 (Cr51 production)**	MT200 (p,5n+2p) >>

Co59 (p,3n+2p+α) or Cr51 production log-log



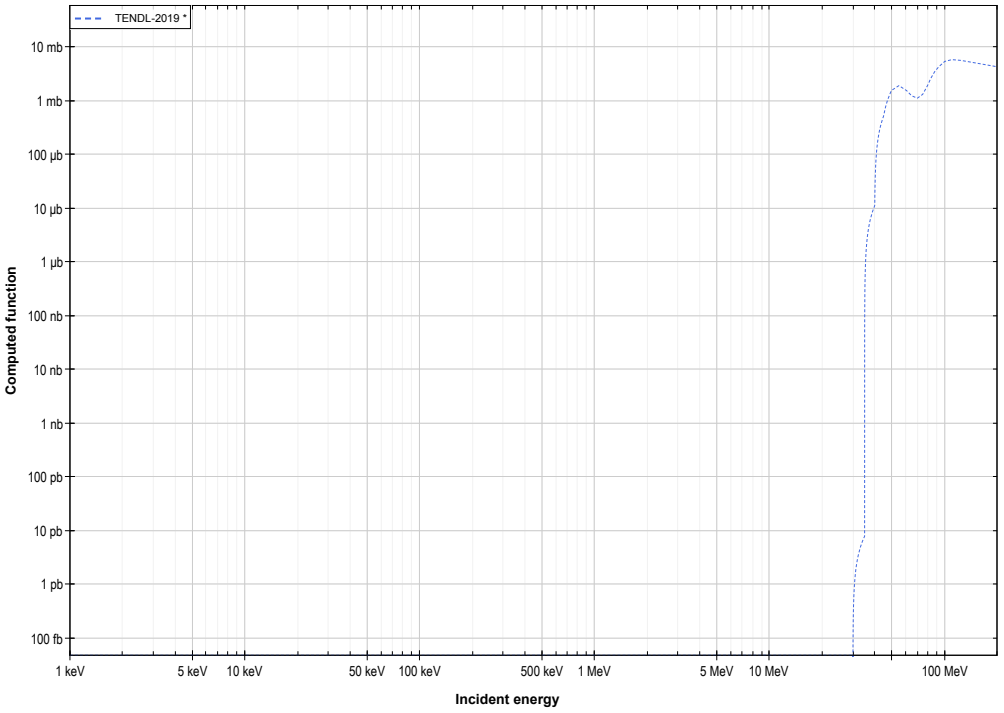
Co59 (p,3n+2p+α) or Cr51 production lin-log



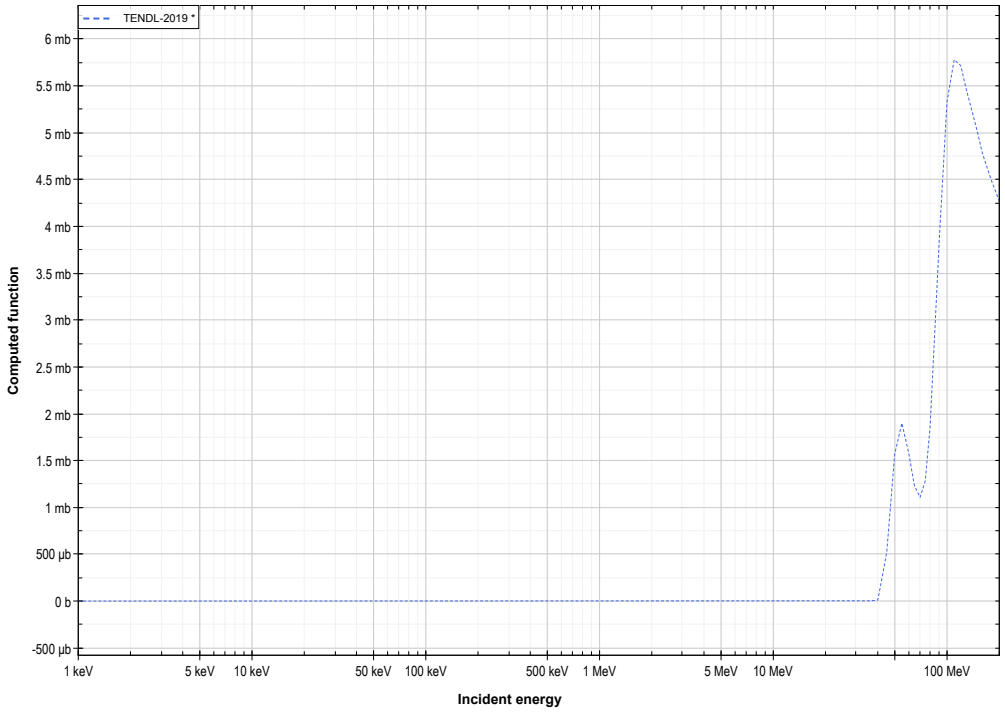
Reaction	Q-Value	Reaction	Q-Value
Co59(p,n+2α)Cr51	-16410.48 keV	Co59(p,p+d+2t)Cr51	-53813.64 keV
Co59(p,d+t+α)Cr51	-33999.78 keV	Co59(p,n+d+t+He3)Cr51	-54577.40 keV
Co59(p,n+p+t+α)Cr51	-36224.34 keV	Co59(p,n+2p+2t)Cr51	-56038.21 keV
Co59(p,2n+He3+α)Cr51	-36988.10 keV	Co59(p,2n+p+t+He3)Cr51	-56801.96 keV
Co59(p,n+2d+α)Cr51	-40257.01 keV	Co59(p,3n+2He3)Cr51	-57565.72 keV
Co59(p,2n+p+d+α)Cr51	-42481.57 keV	Co59(p,3d+t)Cr51	-57846.30 keV
Co59(p,3n+2p+α)Cr51	-44706.14 keV	Co59(p,n+p+2d+t)Cr51	-60070.87 keV
Co59(p,2t+He3)Cr51	-48320.17 keV	Co59(p,2n+2d+He3)Cr51	-60834.62 keV

	27-Co-59	39-Y-89 >>
<< MT199 (p,3n+2p+α)	**MT200 (p,5n+2p) or MT5 (Fe53 production)**	28-Ni-58 MT28 (p,n+p) >>

Co59 (p,5n+2p) or Fe53 production log-log



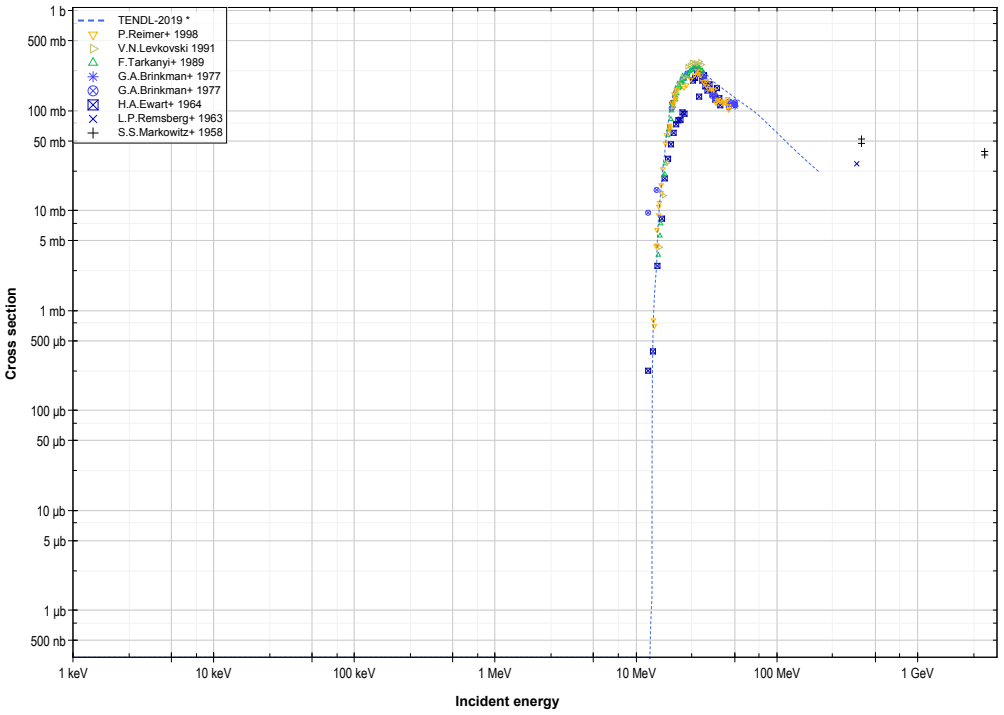
Co59 (p,5n+2p) or Fe53 production lin-log



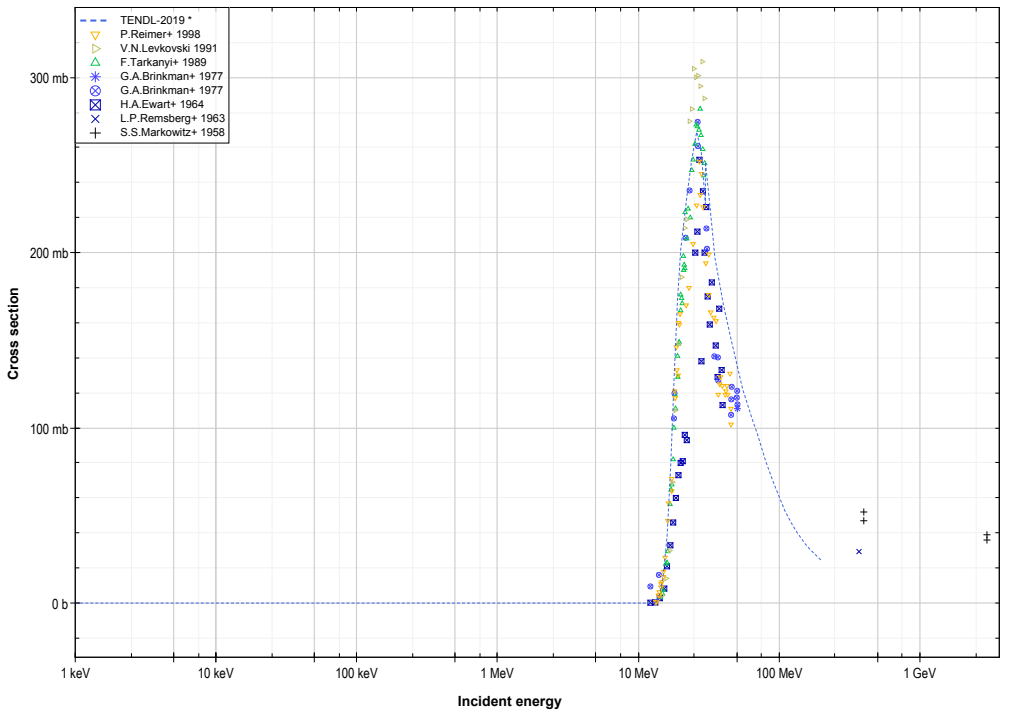
Reaction	Q-Value
Co59(p,3n+α)Fe53	-30632.10 keV
Co59(p,n+2t)Fe53	-41964.17 keV
Co59(p,2n+d+t)Fe53	-48221.40 keV
Co59(p,3n+p+t)Fe53	-50445.96 keV
Co59(p,4n+He3)Fe53	-51209.72 keV
Co59(p,3n+2d)Fe53	-54478.62 keV
Co59(p,4n+p+d)Fe53	-56703.19 keV
Co59(p,5n+2p)Fe53	-58927.76 keV

<< 27-Co-59	**28-Ni-58**	28-Ni-60 >>
<< 27-Co-59 MT200 (p,5n+2p)	**MT28 (p,n+p) or MT5 (Ni57 production)**	MT32 (p,n+d) >>

Ni58 (p,n+p) or Ni57 production log-log



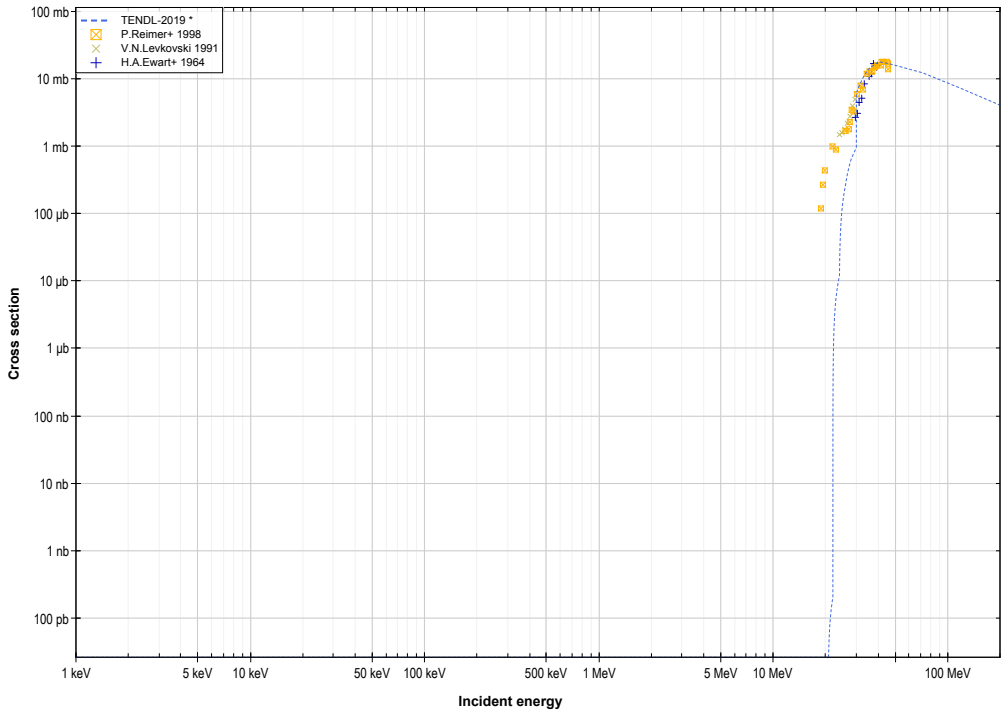
Ni58 (p,n+p) or Ni57 production lin-log



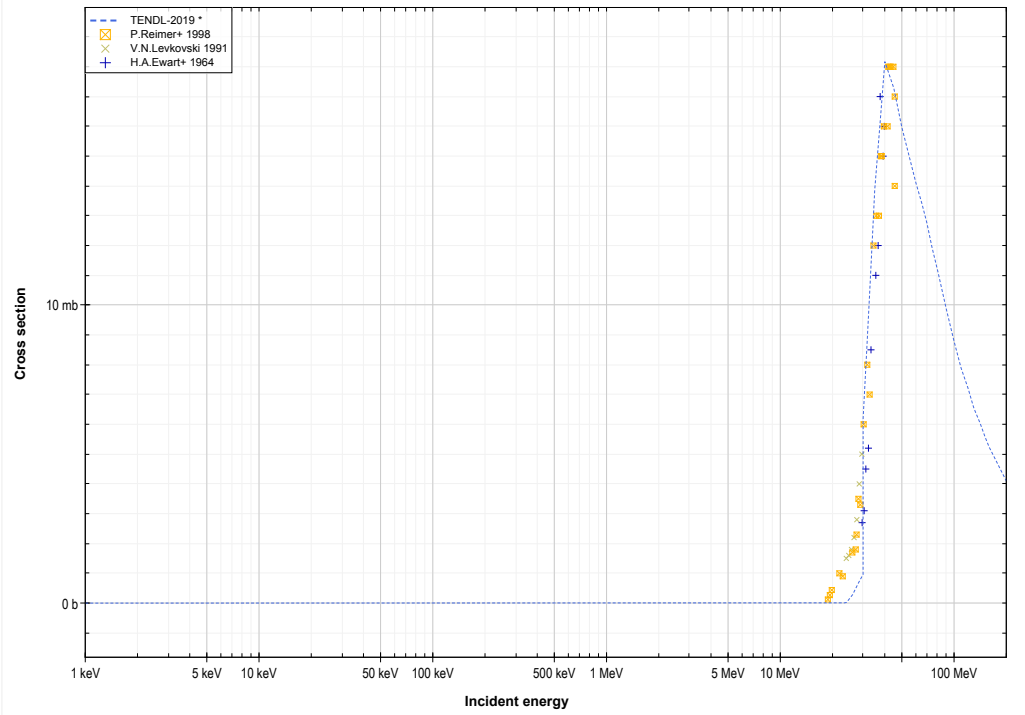
Reaction	Q-Value
Ni58(p,d)Ni57	-9991.65 keV
Ni58(p,n+p)Ni57	-12216.22 keV

<< 27-Co-59	**28-Ni-58**	29-Cu-63 >>
<< MT28 (p,n+p)	**MT32 (p,n+d) or MT5 (Ni56 production)**	MT34 (p,n+^{3}He) >>

Ni58 (p,n+d) or Ni56 production log-log



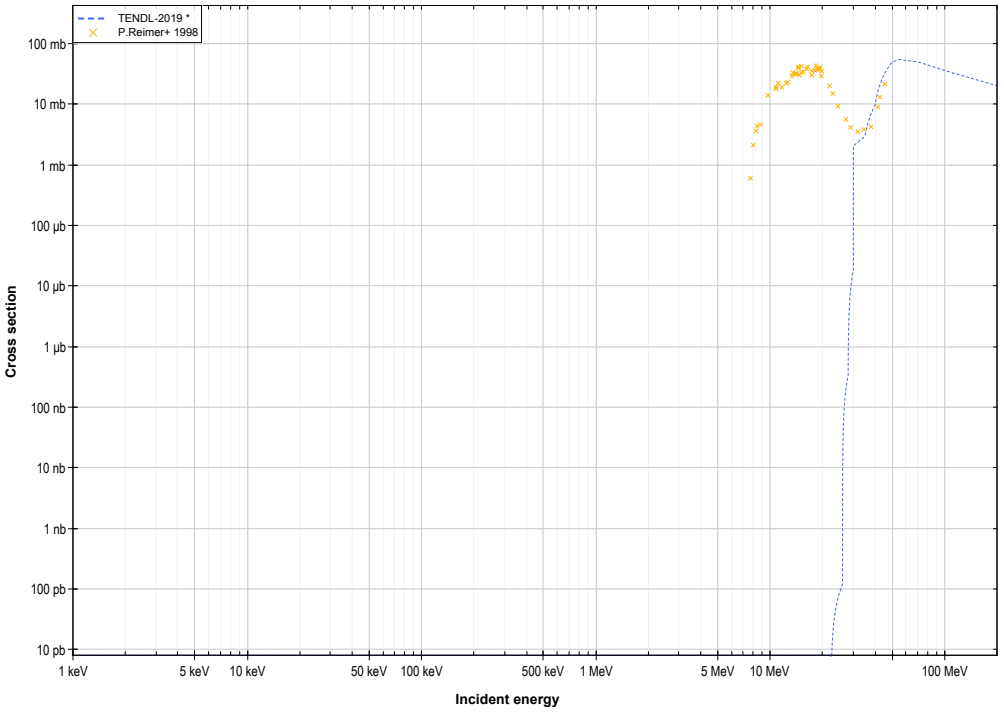
Ni58 (p,n+d) or Ni56 production lin-log



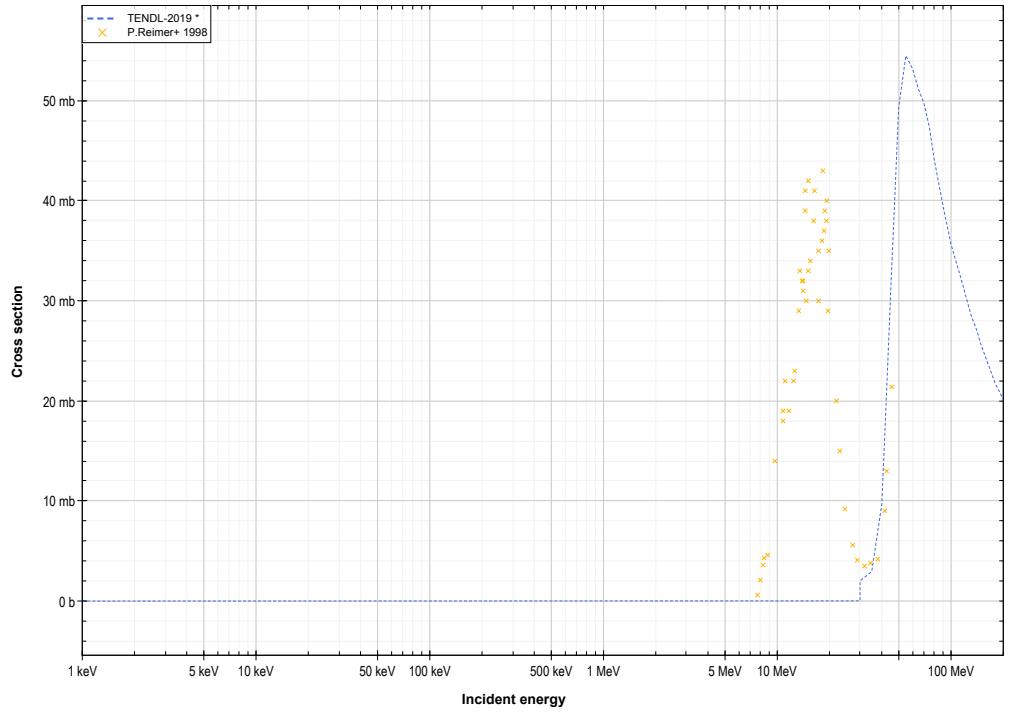
Reaction	Q-Value
Ni58(p,t)Ni56	-13982.04 keV
Ni58(p,n+d)Ni56	-20239.27 keV
Ni58(p,2n+p)Ni56	-22463.83 keV

<< 14-Si-28	**28-Ni-58**	52-Te-125 >>
<< MT32 (p,n+d)	**MT34 (p,n+³He) or MT5 (Co55 production)**	MT41 (p,2n+p) >>

Ni58 (p,n+³He) or Co55 production log-log



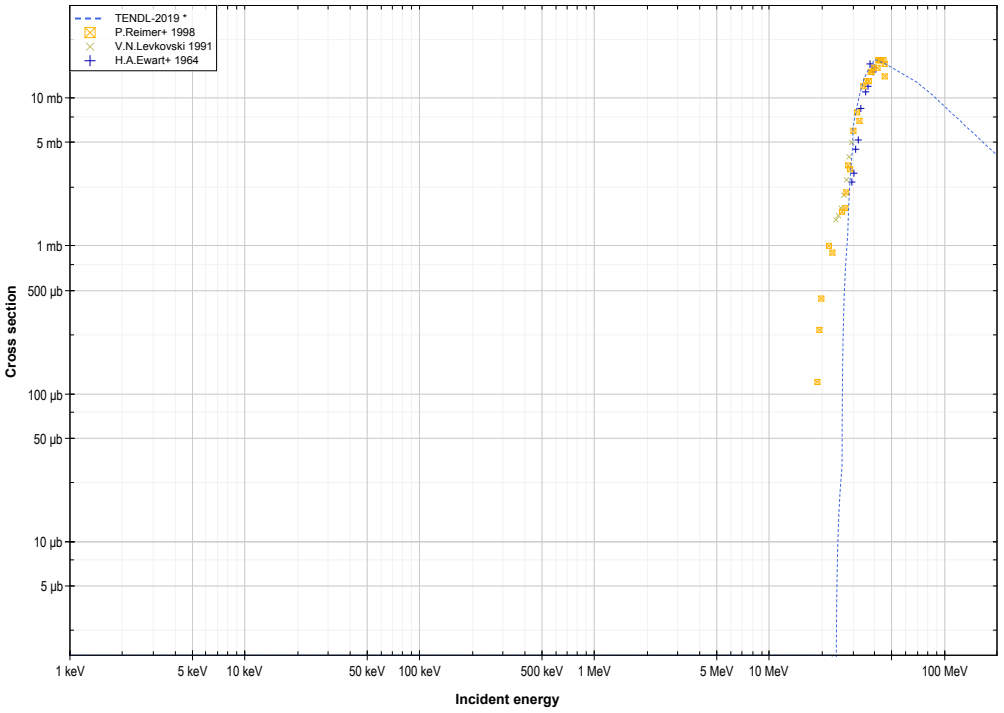
Ni58 (p,n+³He) or Co55 production lin-log



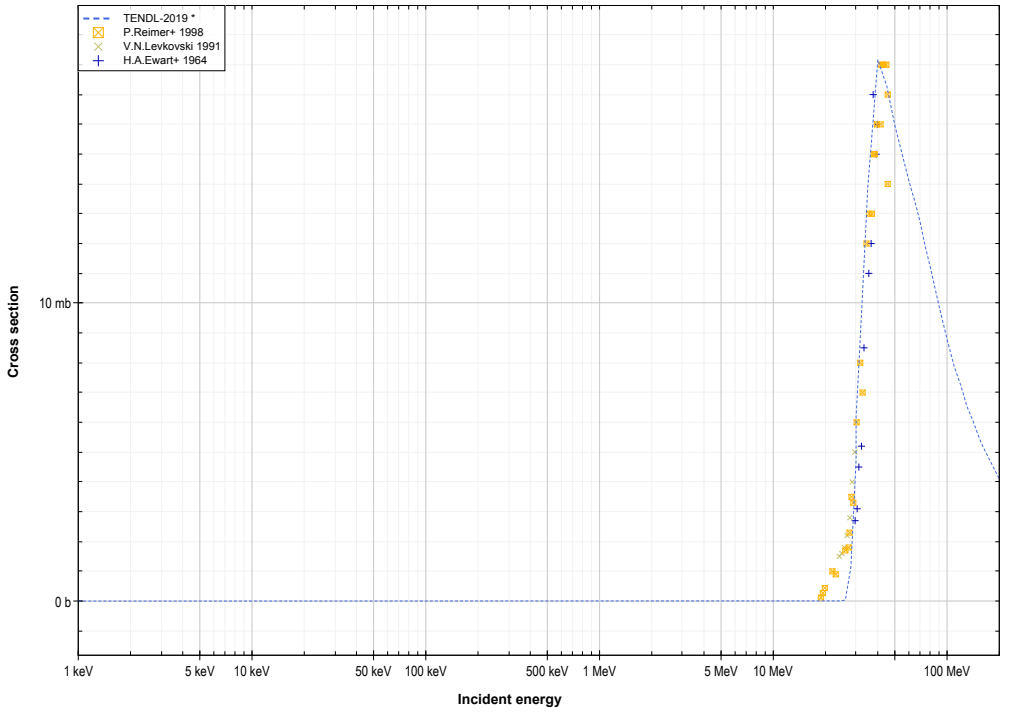
Reaction	Q-Value
Ni58(p,α)Co55	-1334.74 keV
Ni58(p,p+t)Co55	-21148.61 keV
Ni58(p,n+He3)Co55	-21912.36 keV
Ni58(p,2d)Co55	-25181.27 keV
Ni58(p,n+p+d)Co55	-27405.84 keV
Ni58(p,2n+2p)Co55	-29630.40 keV

<< 27-Co-59	**28-Ni-58**	29-Cu-63 >>
<< MT34 (p,n+^{3}He)	**MT41 (p,2n+p) or MT5 (Ni56 production)**	MT44 (p,n+2p) >>

Ni58 (p,2n+p) or Ni56 production log-log



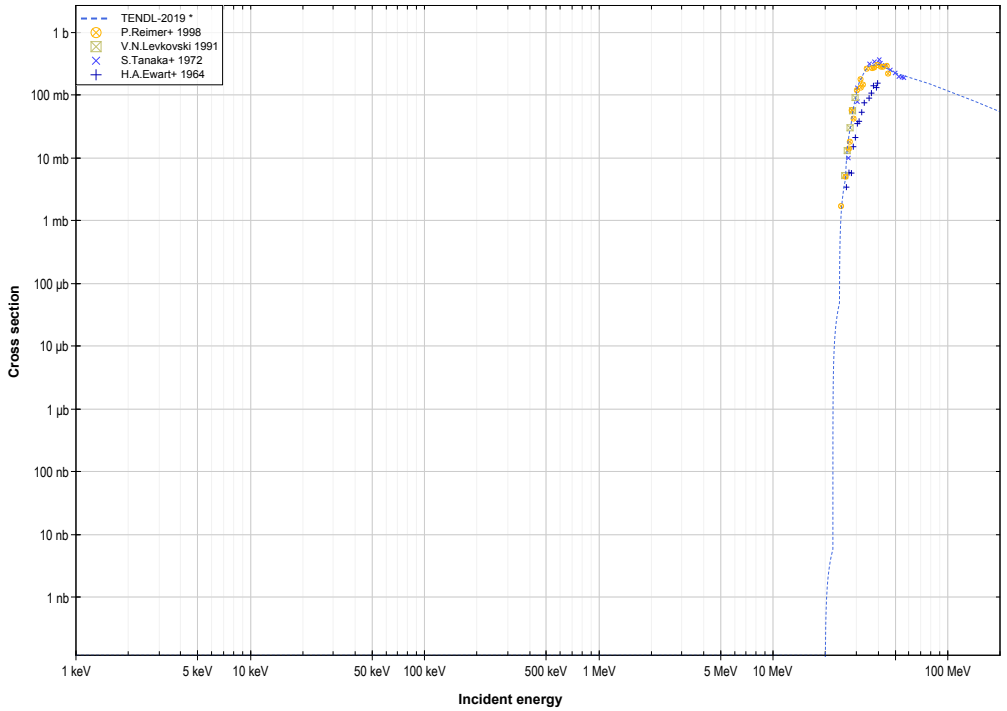
Ni58 (p,2n+p) or Ni56 production lin-log



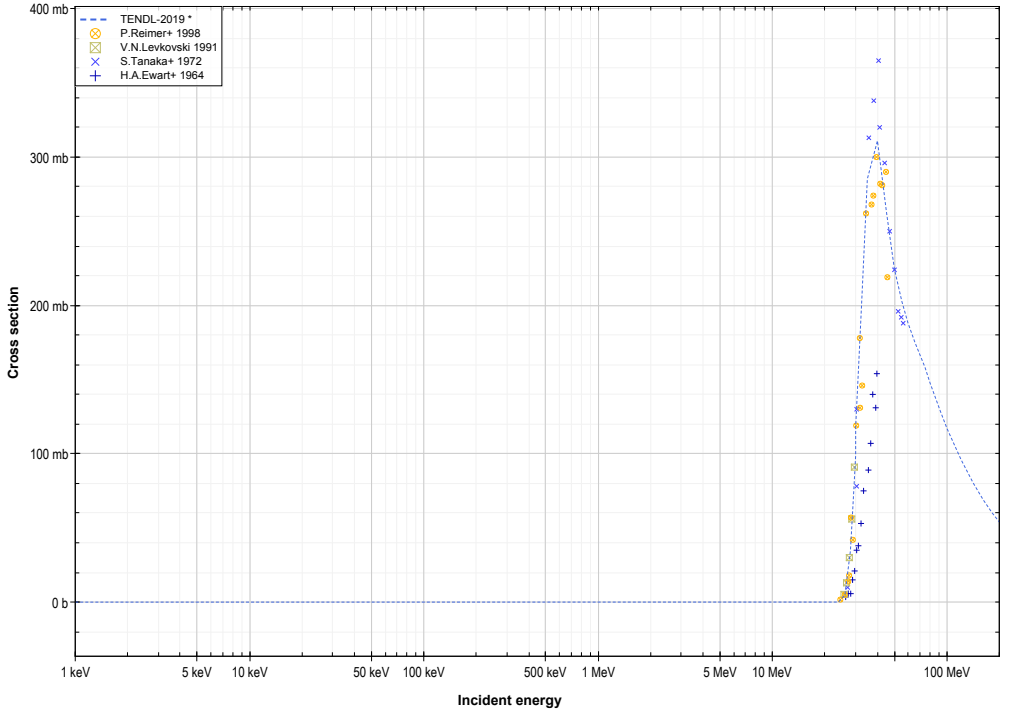
Reaction	Q-Value
Ni58(p,t)Ni56	-13982.04 keV
Ni58(p,n+d)Ni56	-20239.27 keV
Ni58(p,2n+p)Ni56	-22463.83 keV

<< 26-Fe-56	**28-Ni-58**	28-Ni-60 >>
<< MT41 (p,2n+p)	**MT44 (p,n+2p) or MT5 (Co56 production)**	MT102 (p,γ) >>

Ni58 (p,n+2p) or Co56 production log-log



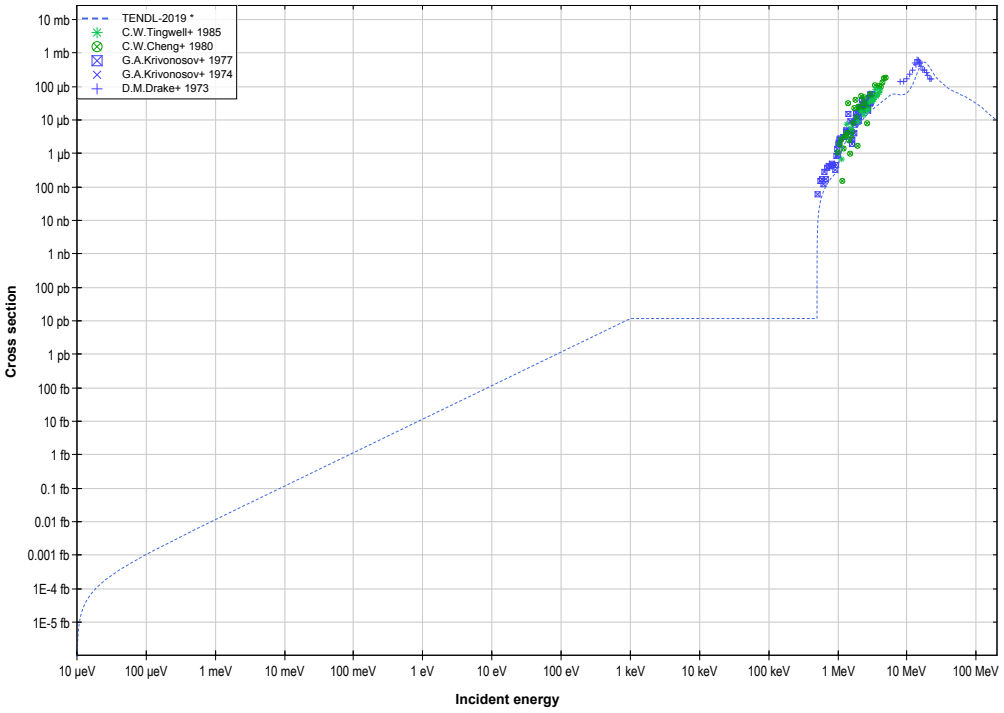
Ni58 (p,n+2p) or Co56 production lin-log



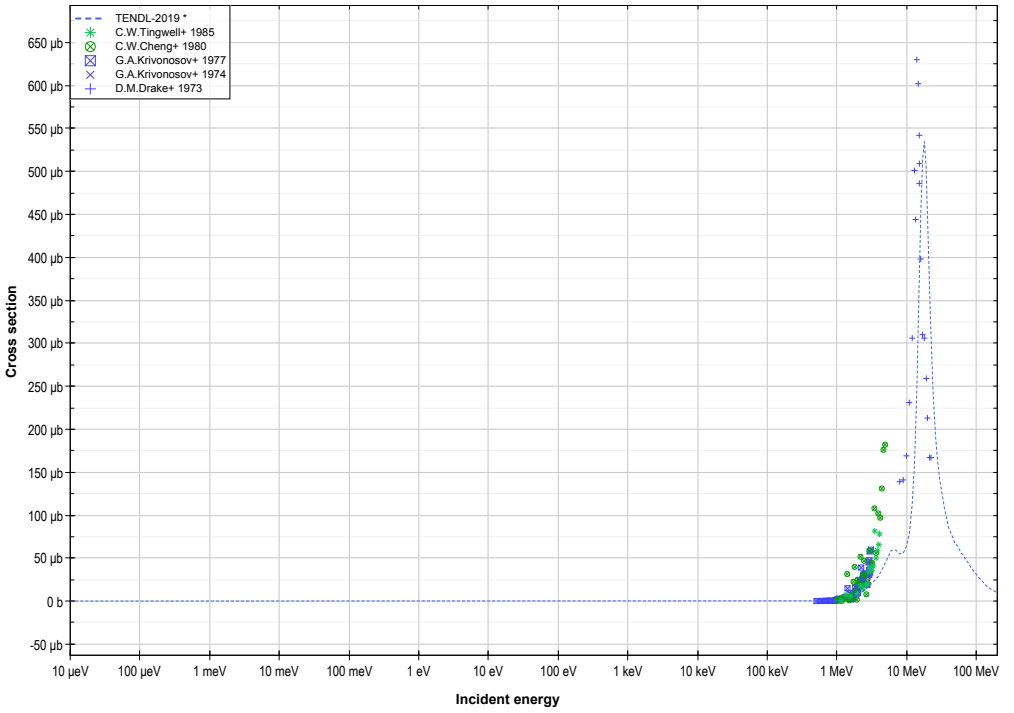
Reaction	Q-Value
Ni58(p,He3)Co56	-11830.55 keV
Ni58(p,p+d)Co56	-17324.02 keV
Ni58(p,n+2p)Co56	-19548.59 keV

<< 27-Co-59	**28-Ni-58**	28-Ni-60 >>
<< MT44 (p,n+2p)	**MT102 (p,γ) or MT5 (Cu59 production)**	MT103 (p,p) >>

Ni58 (p,γ) or Cu59 production log-log



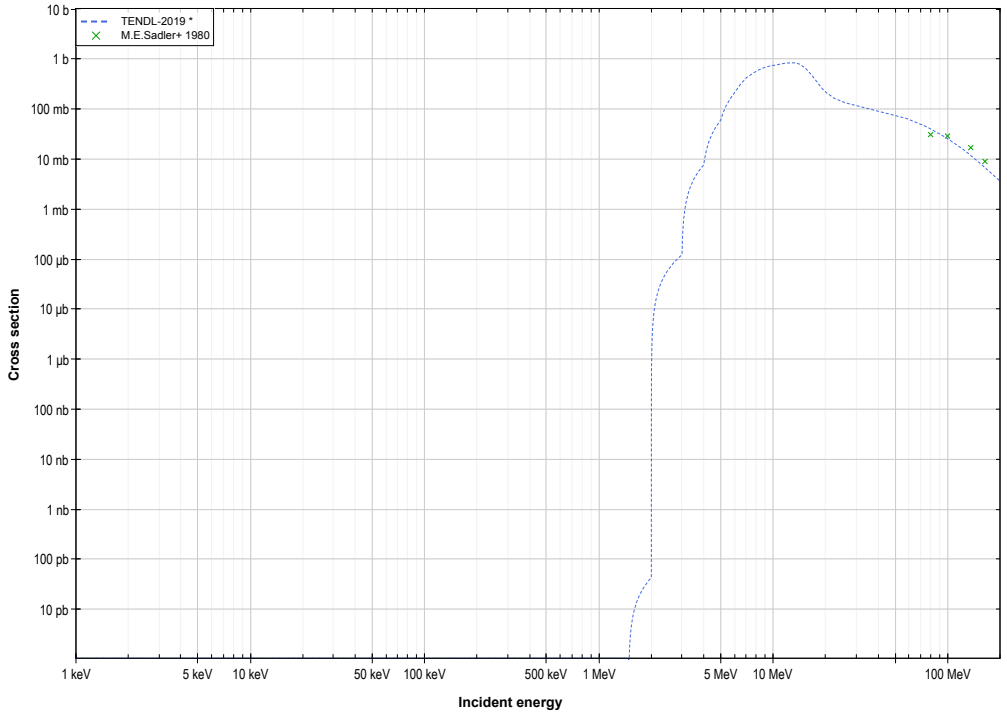
Ni58 (p,γ) or Cu59 production lin-log



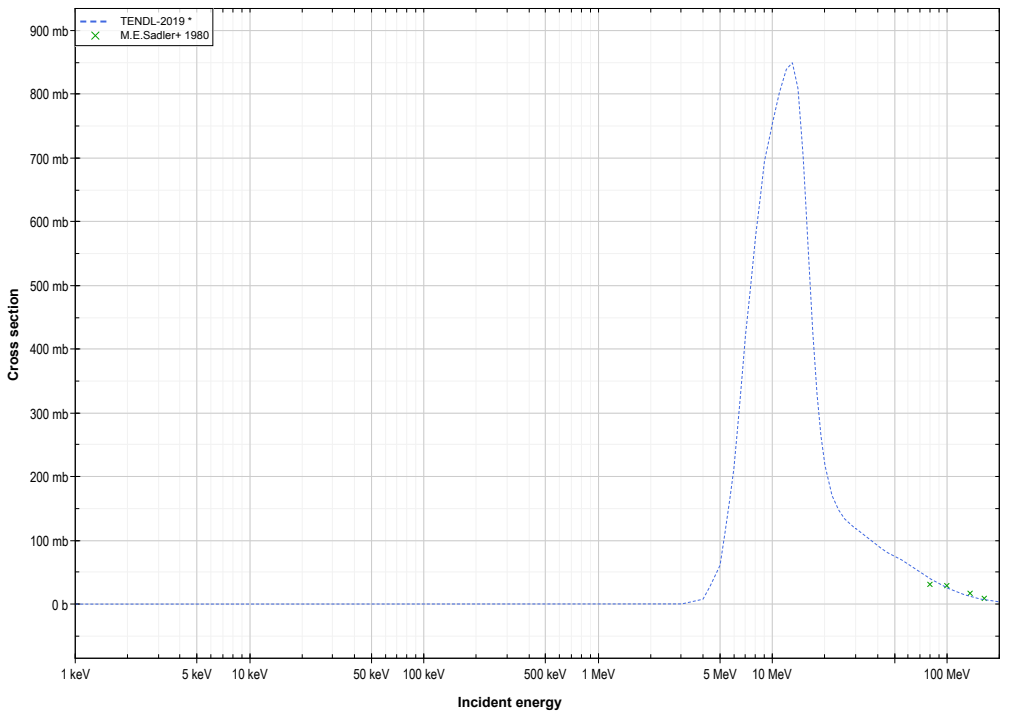
Reaction	Q-Value
Ni58(p,γ)Cu59	3418.57 keV

<< 20-Ca-40	**28-Ni-58**	28-Ni-60 >>
<< MT102 (p,γ)	**MT103 (p,p) or MT5 (Ni58 production)**	MT104 (p,d) >>

Ni58 (p,p) or Ni58 production log-log



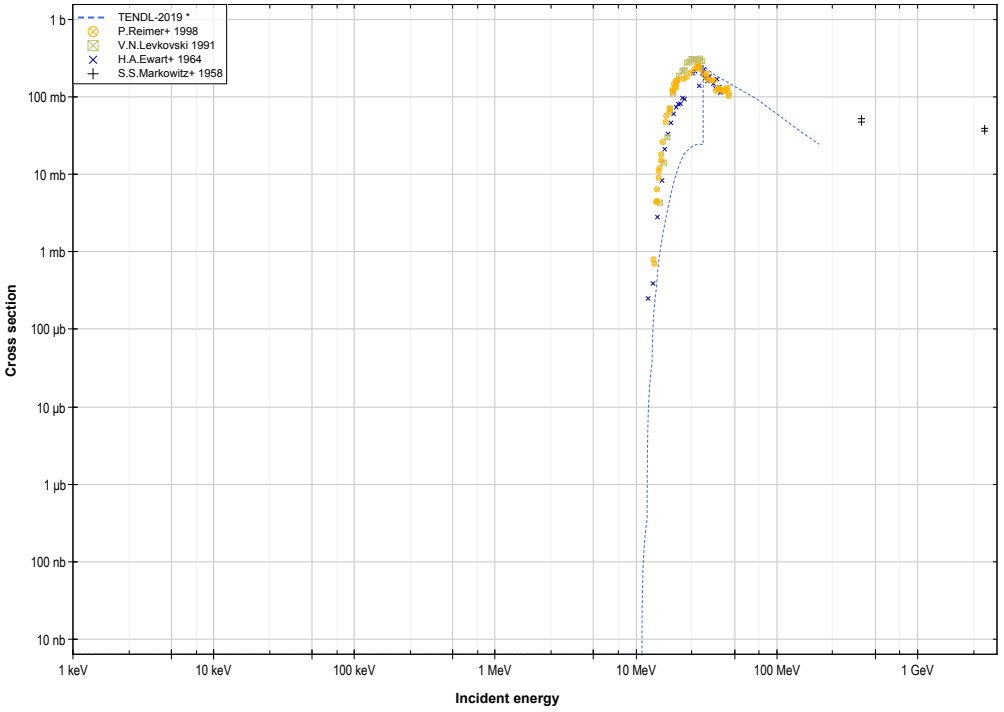
Ni58 (p,p) or Ni58 production lin-log



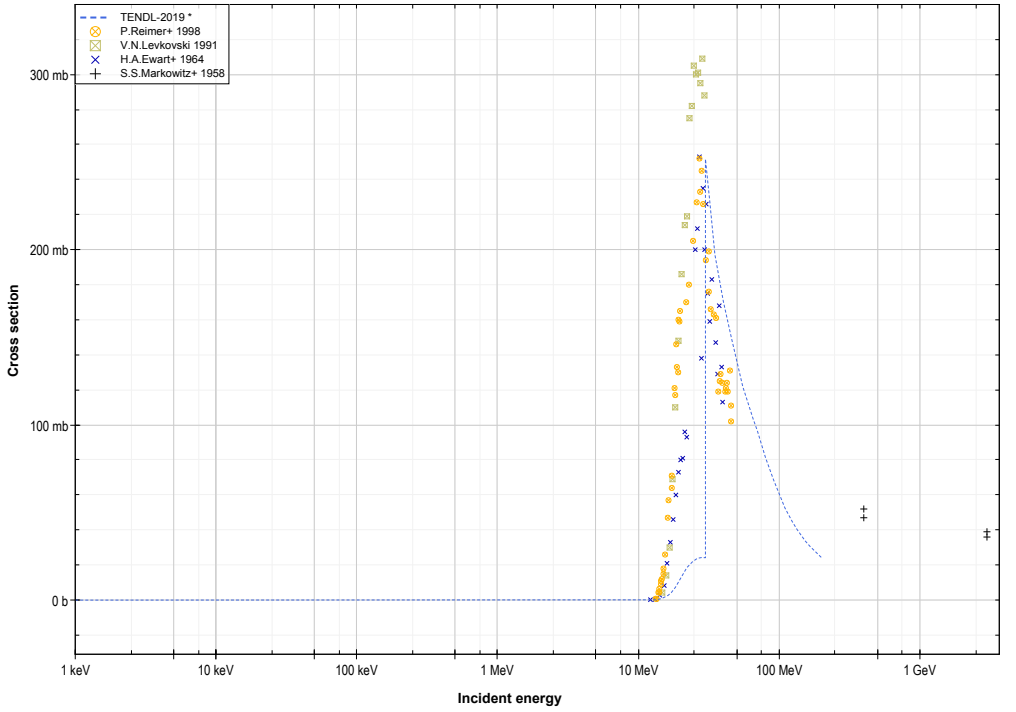
Reaction	Q-Value
Ni58(p,p)Ni58	0.00 keV

<< 27-Co-59	**28-Ni-58**	28-Ni-60 >>
<< MT103 (p,p)	**MT104 (p,d) or MT5 (Ni57 production)**	MT105 (p,t) >>

Ni58 (p,d) or Ni57 production log-log



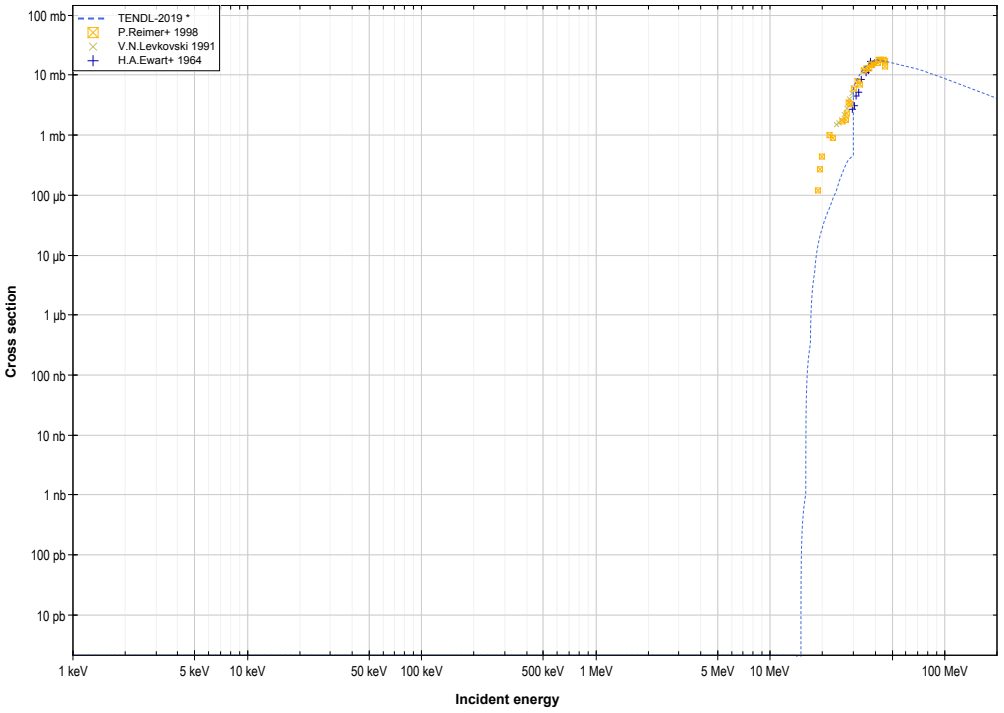
Ni58 (p,d) or Ni57 production lin-log



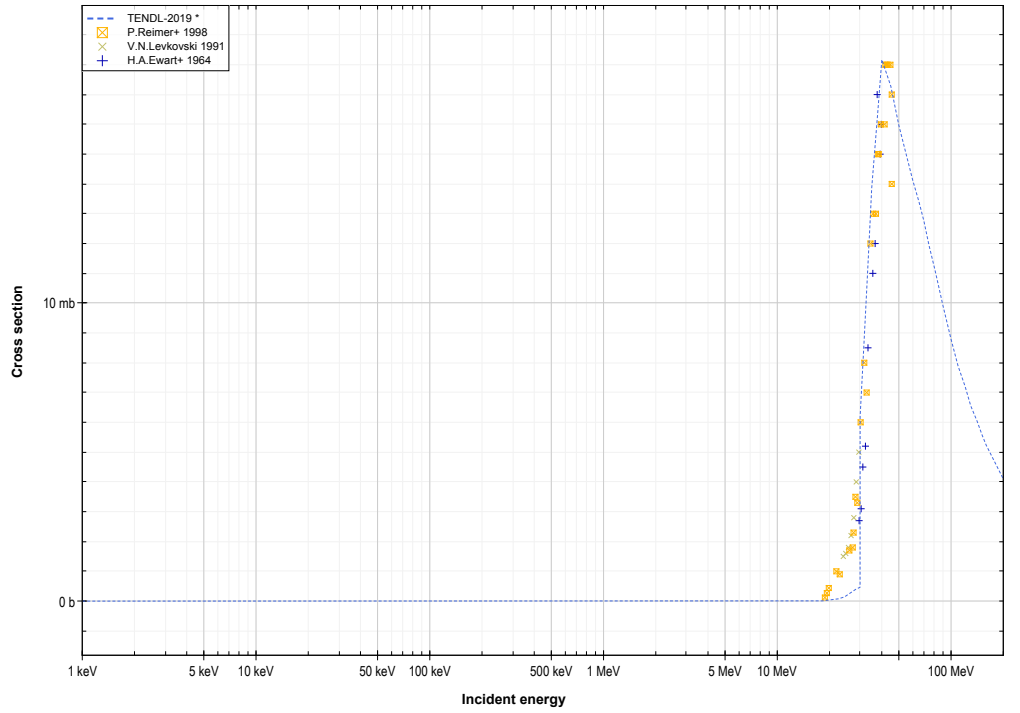
Reaction	Q-Value
Ni58(p,d)Ni57	-9991.65 keV
Ni58(p,n+p)Ni57	-12216.22 keV

<< 27-Co-59	**28-Ni-58**	29-Cu-63 >>
<< MT104 (p,d)	**MT105 (p,t) or MT5 (Ni56 production)**	MT106 (p,³He) >>

Ni58 (p,t) or Ni56 production log-log



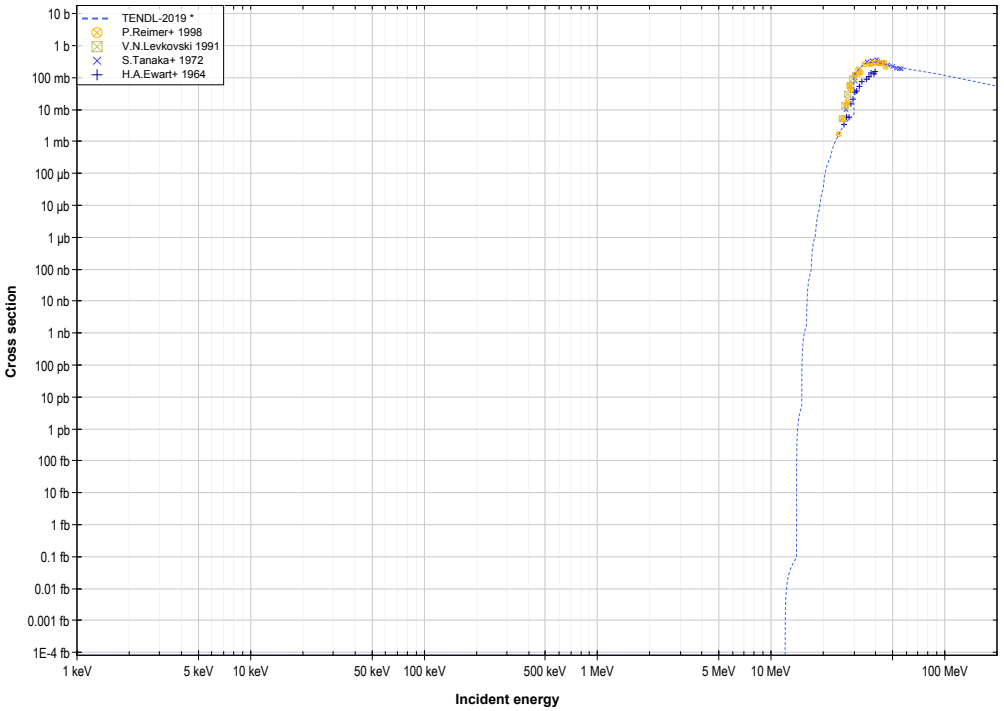
Ni58 (p,t) or Ni56 production lin-log



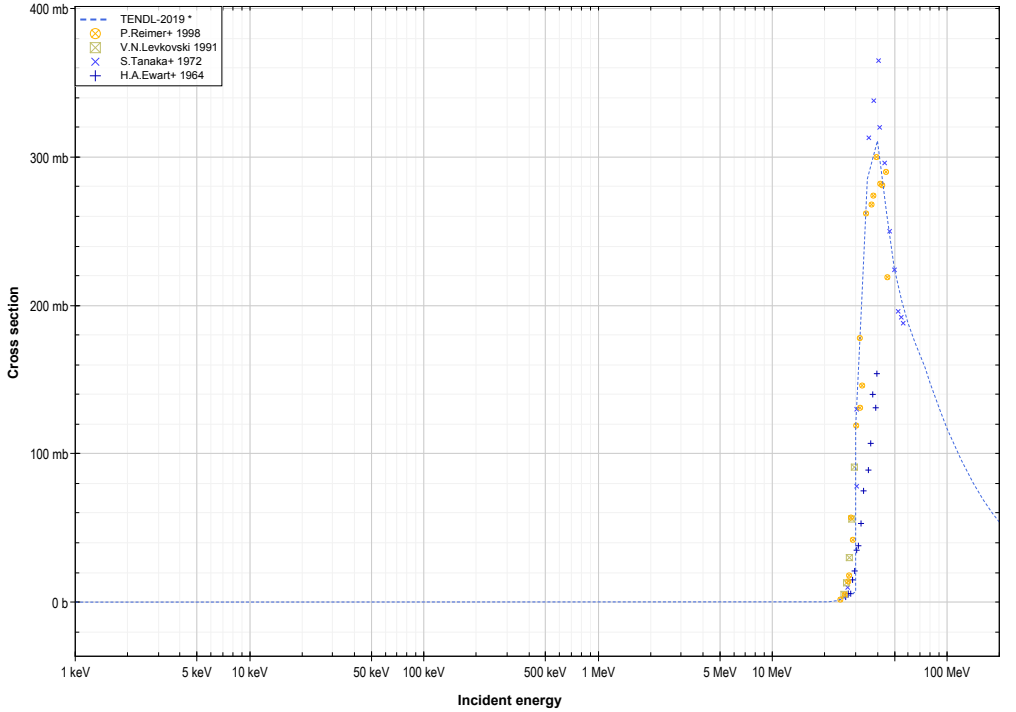
Reaction	Q-Value
Ni58(p,t)Ni56	-13982.04 keV
Ni58(p,n+d)Ni56	-20239.27 keV
Ni58(p,2n+p)Ni56	-22463.83 keV

<< 26-Fe-56	**28-Ni-58**	28-Ni-60 >>
<< MT105 (p,t)	**MT106 (p,³He) or MT5 (Co56 production)**	MT107 (p,α) >>

Ni58 (p,³He) or Co56 production log-log



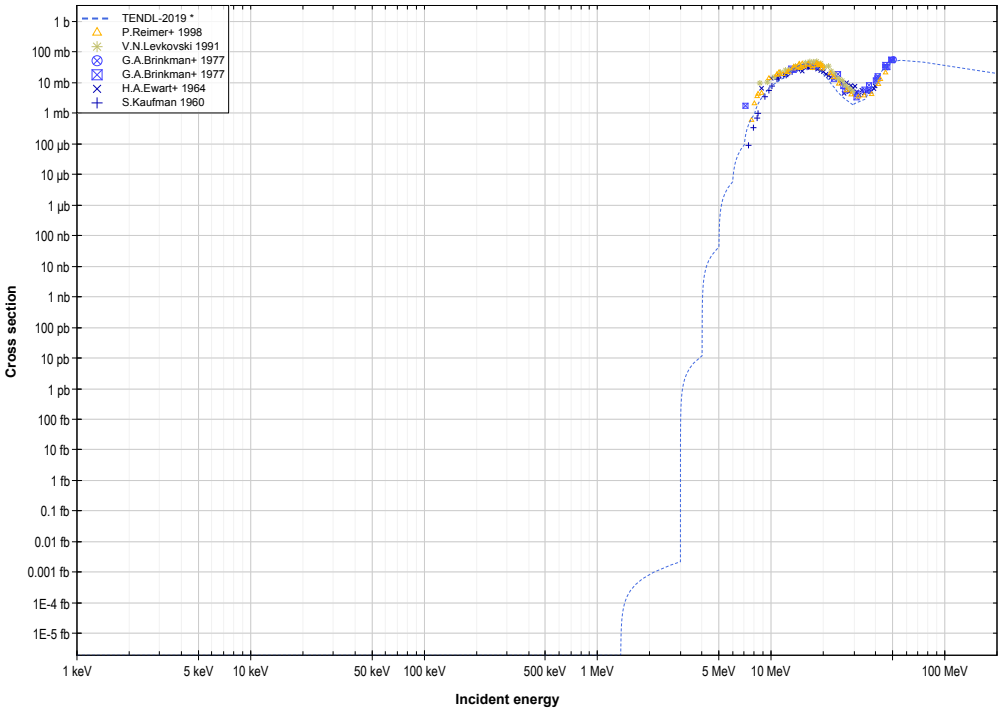
Ni58 (p,³He) or Co56 production lin-log



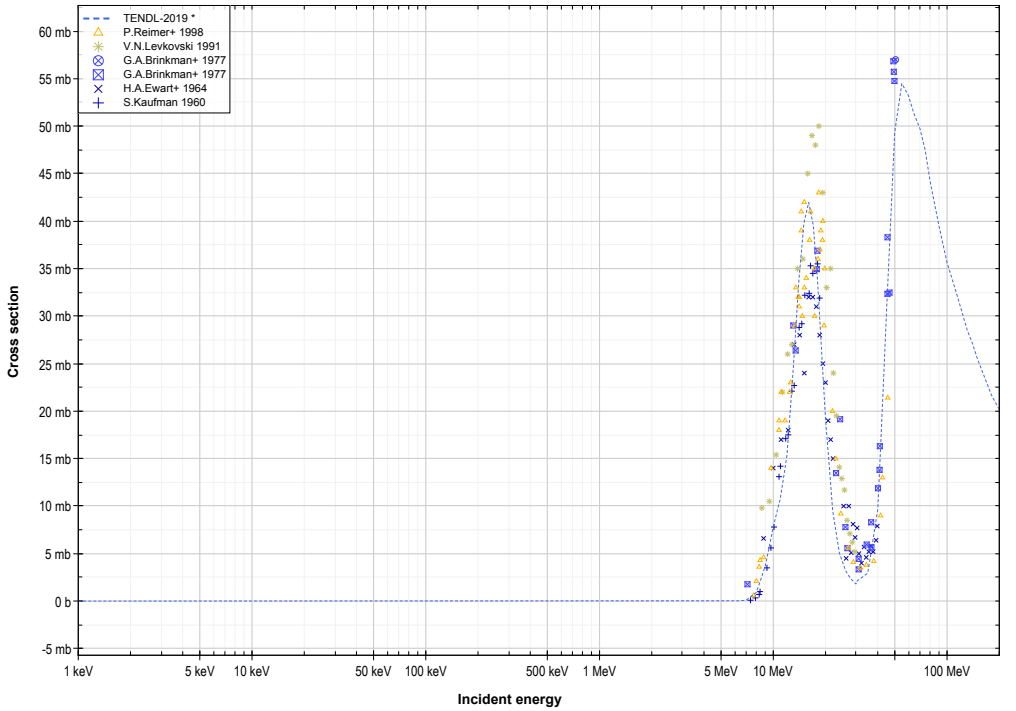
Reaction	Q-Value
Ni58(p,He3)Co56	-11830.55 keV
Ni58(p,p+d)Co56	-17324.02 keV
Ni58(p,n+2p)Co56	-19548.59 keV

<< 26-Fe-57	**28-Ni-58**	28-Ni-60 >>
<< MT106 (p,³He)	**MT107 (p,α) or MT5 (Co55 production)**	MT111 (p,2p) >>

Ni58 (p,α) or Co55 production log-log



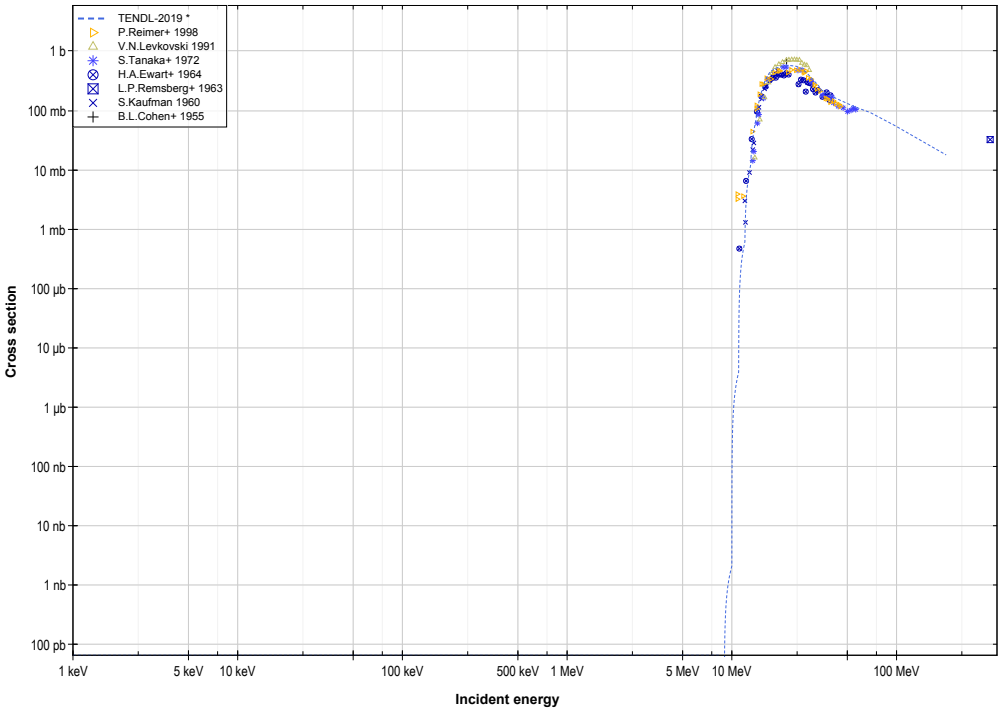
Ni58 (p,α) or Co55 production lin-log



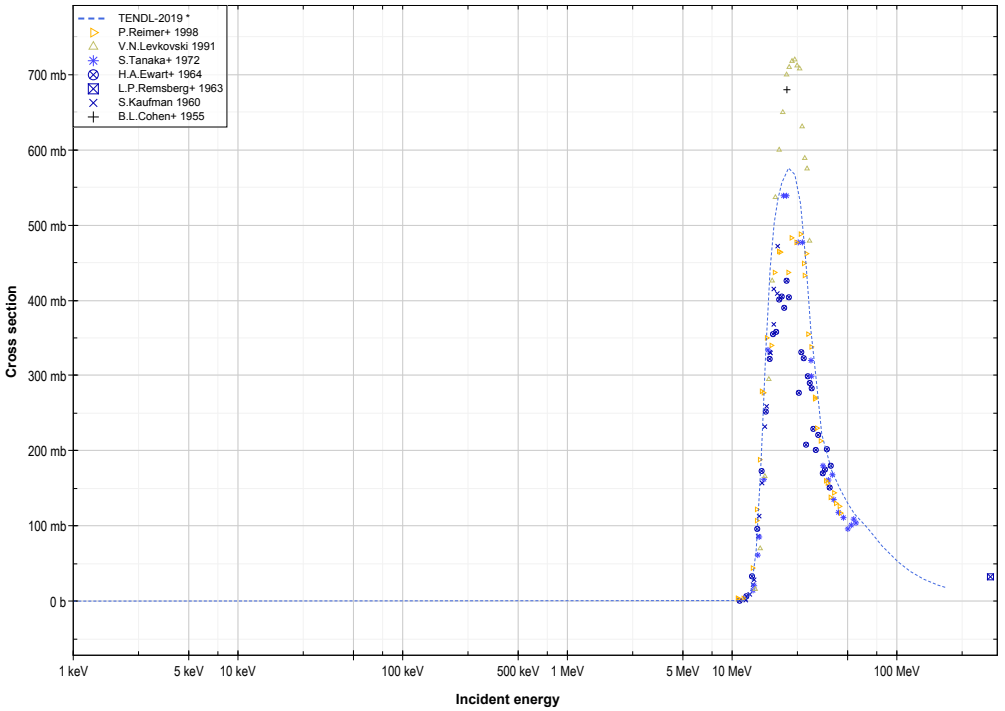
Reaction	Q-Value
Ni58(p,α)Co55	-1334.74 keV
Ni58(p,p+t)Co55	-21148.61 keV
Ni58(p,n+He3)Co55	-21912.36 keV
Ni58(p,2d)Co55	-25181.27 keV
Ni58(p,n+p+d)Co55	-27405.84 keV
Ni58(p,2n+2p)Co55	-29630.40 keV

<< 26-Fe-57	**28-Ni-58**	28-Ni-62 >>
<< MT107 (p,α)	**MT111 (p,2p) or MT5 (Co57 production)**	MT115 (p,p+d) >>

Ni58 (p,2p) or Co57 production log-log



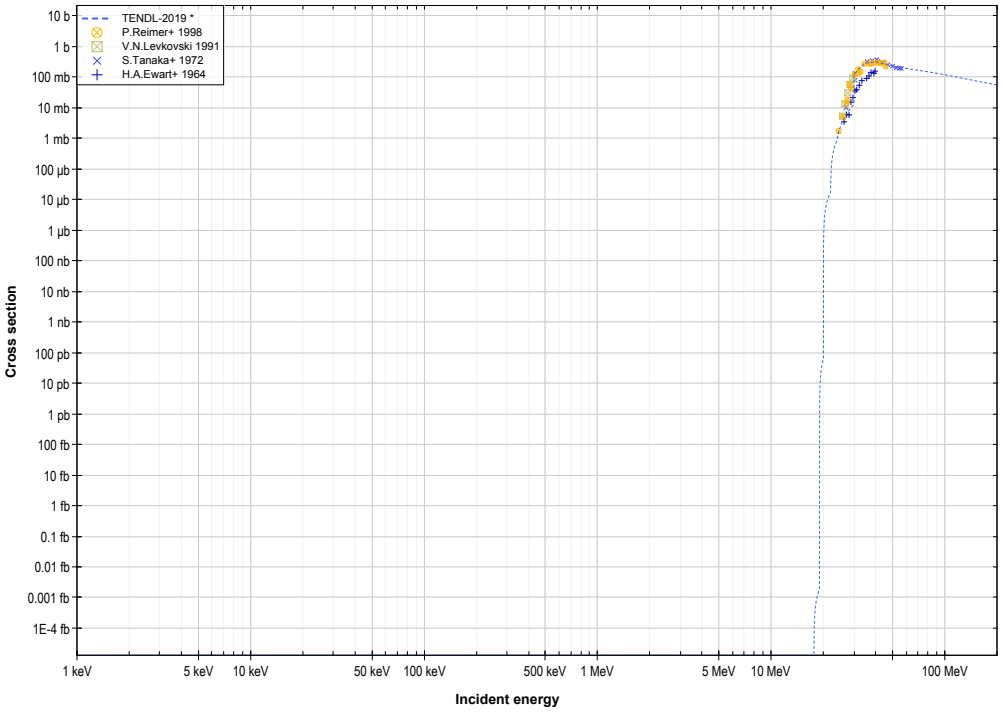
Ni58 (p,2p) or Co57 production lin-log



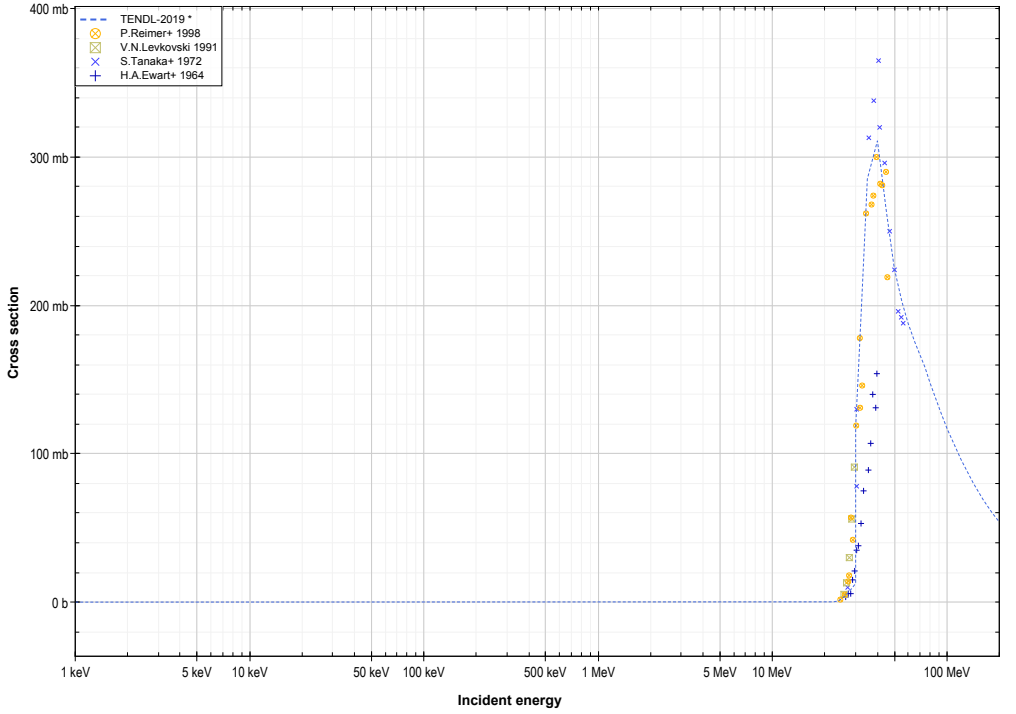
Reaction	Q-Value
Ni58(p,2p)Co57	-8172.07 keV

<< 26-Fe-56	**28-Ni-58**	28-Ni-60 >>
<< MT111 (p,2p)	**MT115 (p,p+d) or MT5 (Co56 production)**	MT116 (p,p+t) >>

Ni58 (p,p+d) or Co56 production log-log



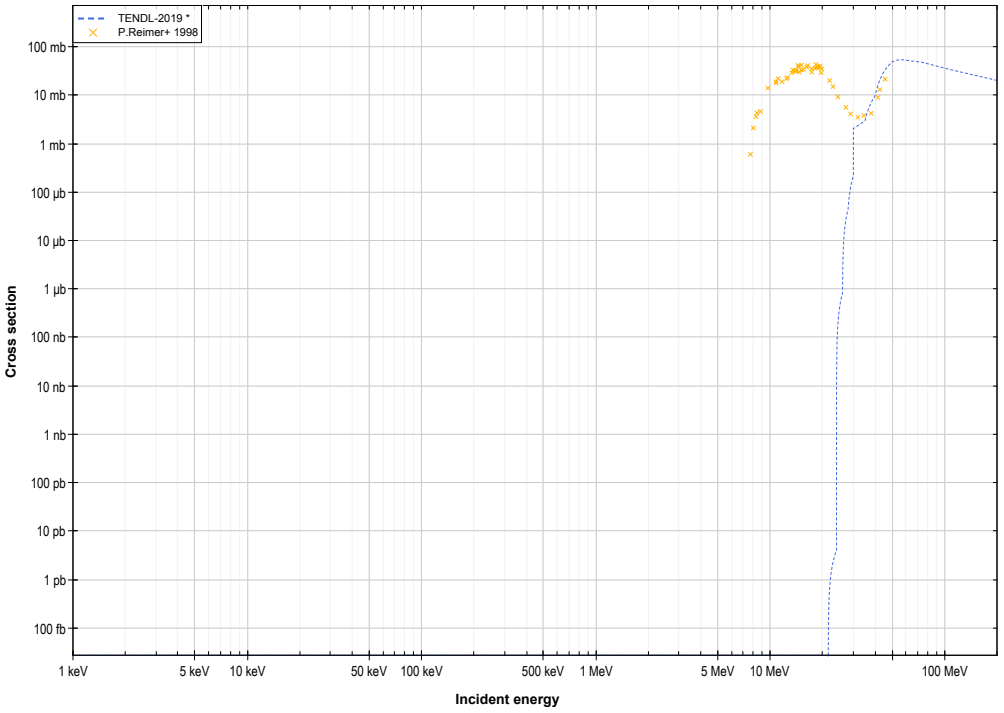
Ni58 (p,p+d) or Co56 production lin-log



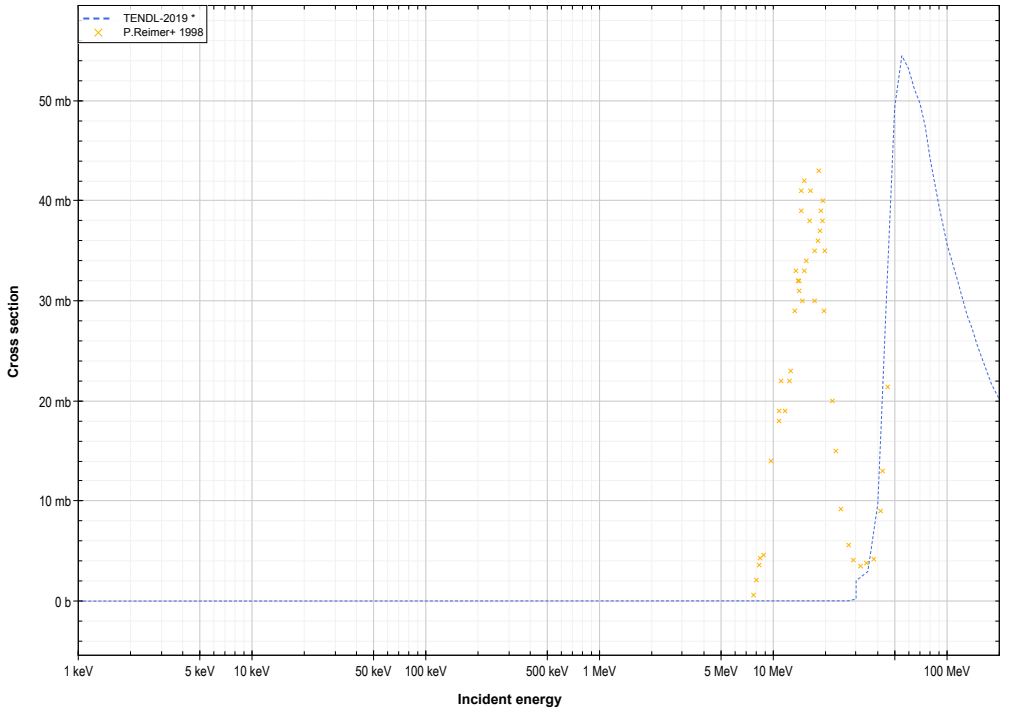
Reaction	Q-Value
Ni58(p,He3)Co56	-11830.55 keV
Ni58(p,p+d)Co56	-17324.02 keV
Ni58(p,n+2p)Co56	-19548.59 keV

<< 14-Si-28	**28-Ni-58**	52-Te-125 >>
<< MT115 (p,p+d)	**MT116 (p,p+t) or MT5 (Co55 production)**	MT183 (p,n+p+d) >>

Ni58 (p,p+t) or Co55 production log-log



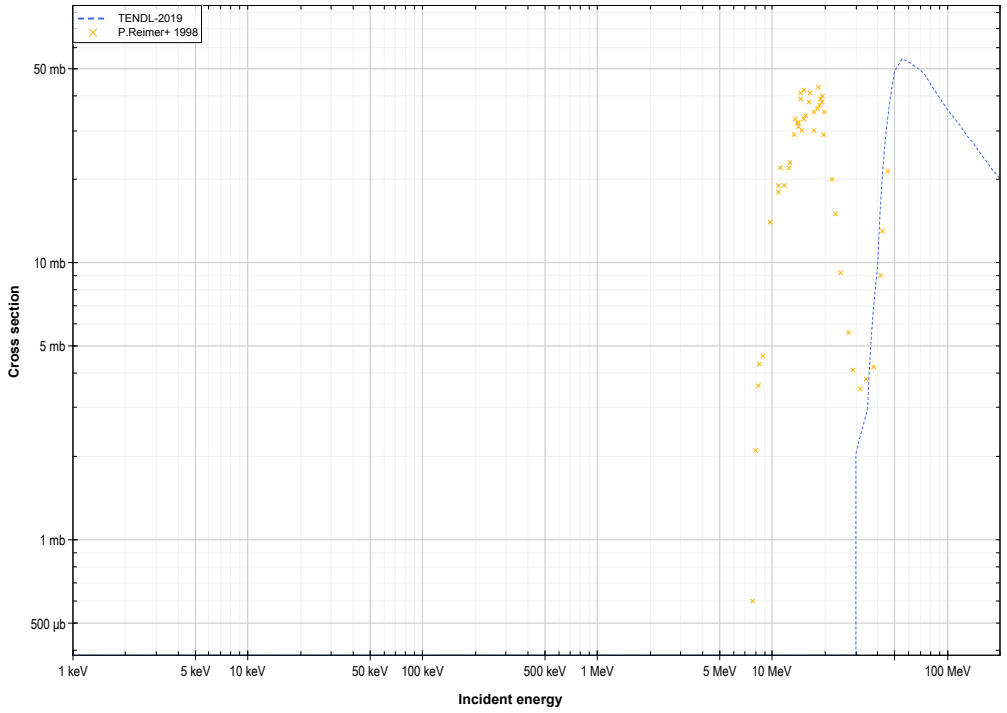
Ni58 (p,p+t) or Co55 production lin-log



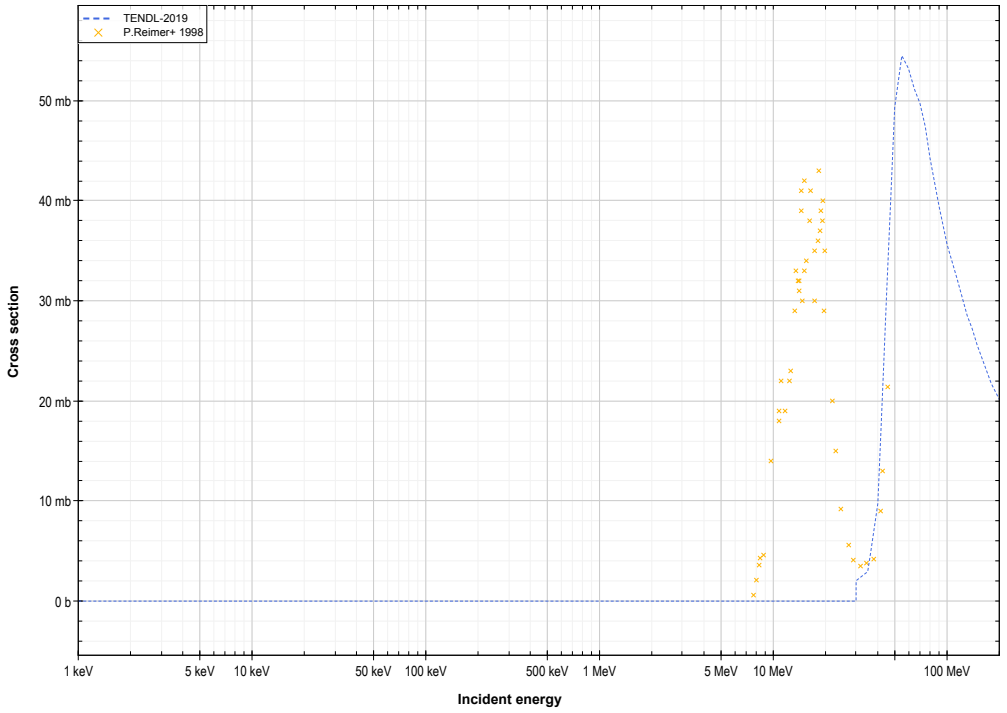
Reaction	Q-Value
Ni58(p,α)Co55	-1334.74 keV
Ni58(p,p+t)Co55	-21148.61 keV
Ni58(p,n+He3)Co55	-21912.36 keV
Ni58(p,2d)Co55	-25181.27 keV
Ni58(p,n+p+d)Co55	-27405.84 keV
Ni58(p,2n+2p)Co55	-29630.40 keV

<< 14-Si-28	**28-Ni-58**	52-Te-125 >>
<< MT116 (p,p+t)	**MT183 (p,n+p+d) or MT5 (Co55 production)**	MT190 (p,2n+2p) >>

Ni58 (p,n+p+d) or Co55 production log-log



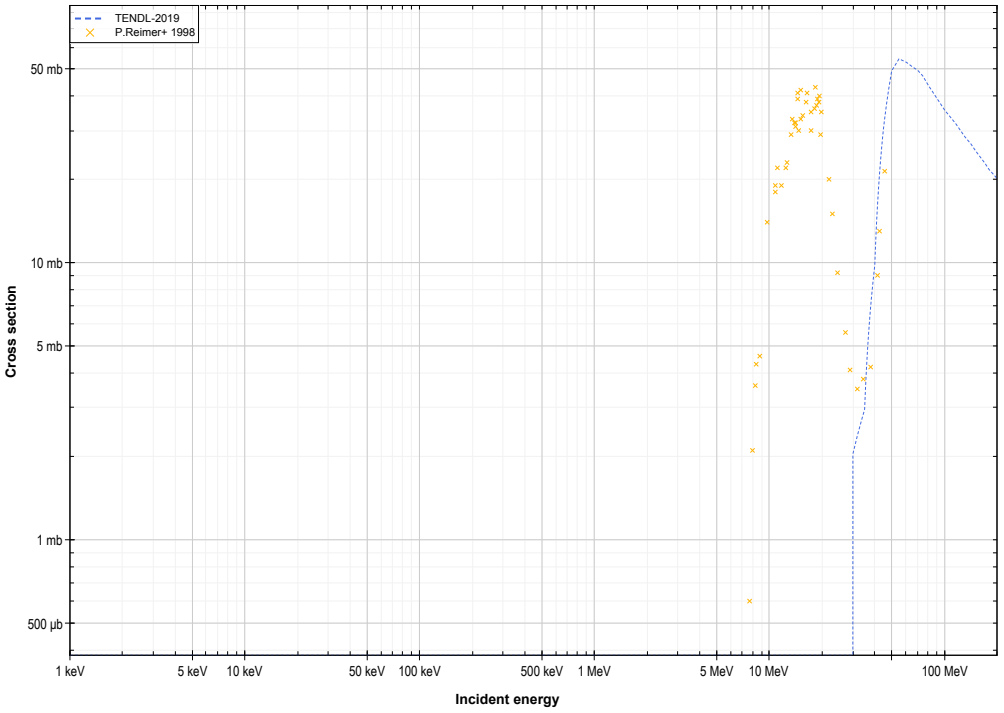
Ni58 (p,n+p+d) or Co55 production lin-log



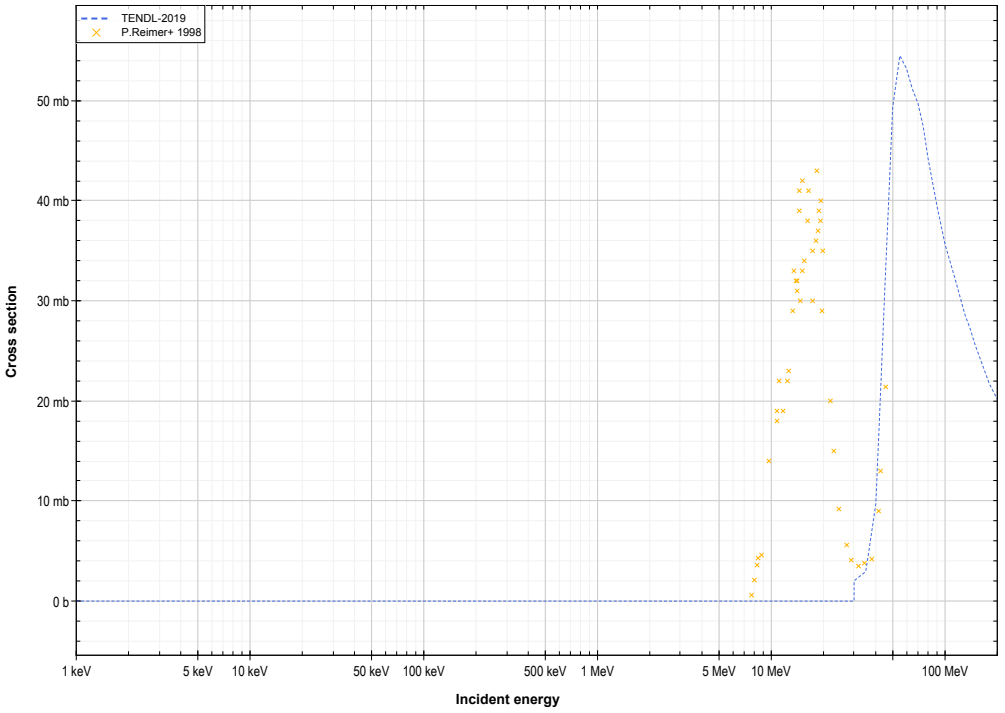
Reaction	Q-Value
Ni58(p,α)Co55	-1334.74 keV
Ni58(p,p+t)Co55	-21148.61 keV
Ni58(p,n+He3)Co55	-21912.36 keV
Ni58(p,2d)Co55	-25181.27 keV
Ni58(p,n+p+d)Co55	-27405.84 keV
Ni58(p,2n+2p)Co55	-29630.40 keV

<< 14-Si-28	**28-Ni-58**	52-Te-125 >>
<< MT183 (p,n+p+d)	**MT190 (p,2n+2p) or MT5 (Co55 production)**	28-Ni-60 MT4 (p,n) >>

Ni58 (p,2n+2p) or Co55 production log-log



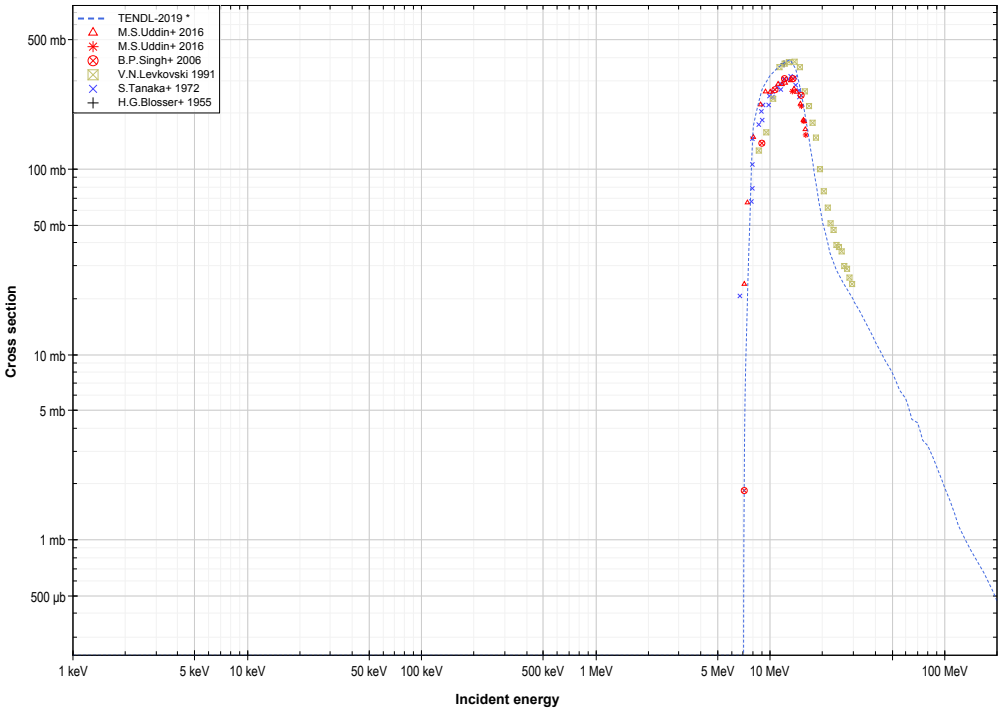
Ni58 (p,2n+2p) or Co55 production lin-log



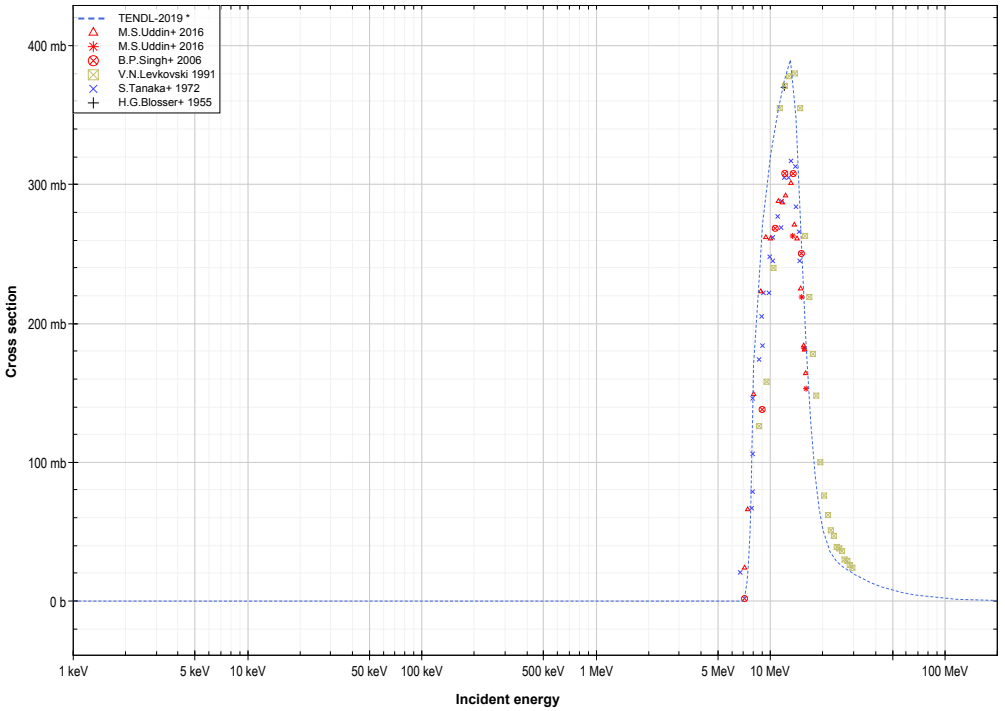
Reaction	Q-Value
Ni58(p,α)Co55	-1334.74 keV
Ni58(p,p+t)Co55	-21148.61 keV
Ni58(p,n+He3)Co55	-21912.36 keV
Ni58(p,2d)Co55	-25181.27 keV
Ni58(p,n+p+d)Co55	-27405.84 keV
Ni58(p,2n+2p)Co55	-29630.40 keV

<< 27-Co-59	**28-Ni-60**	28-Ni-61 >>
<< 28-Ni-58 MT190 (p,2n+2p)	**MT4 (p,n) or MT5 (Cu60 production)**	MT22 (p,n+α) >>

Ni60 (p,n) or Cu60 production log-log



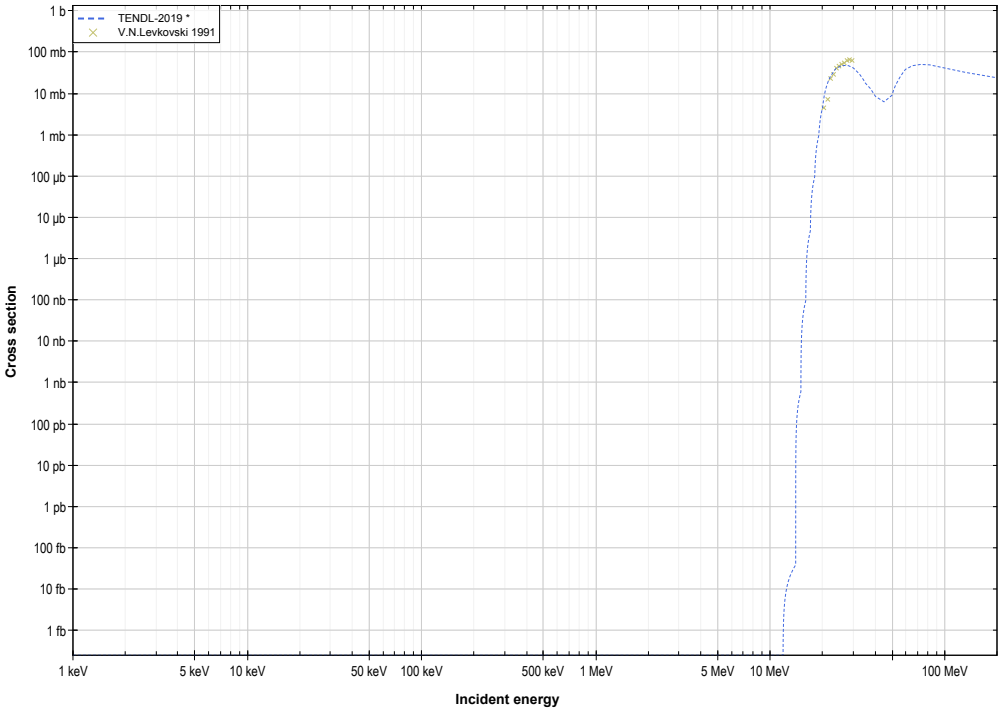
Ni60 (p,n) or Cu60 production lin-log



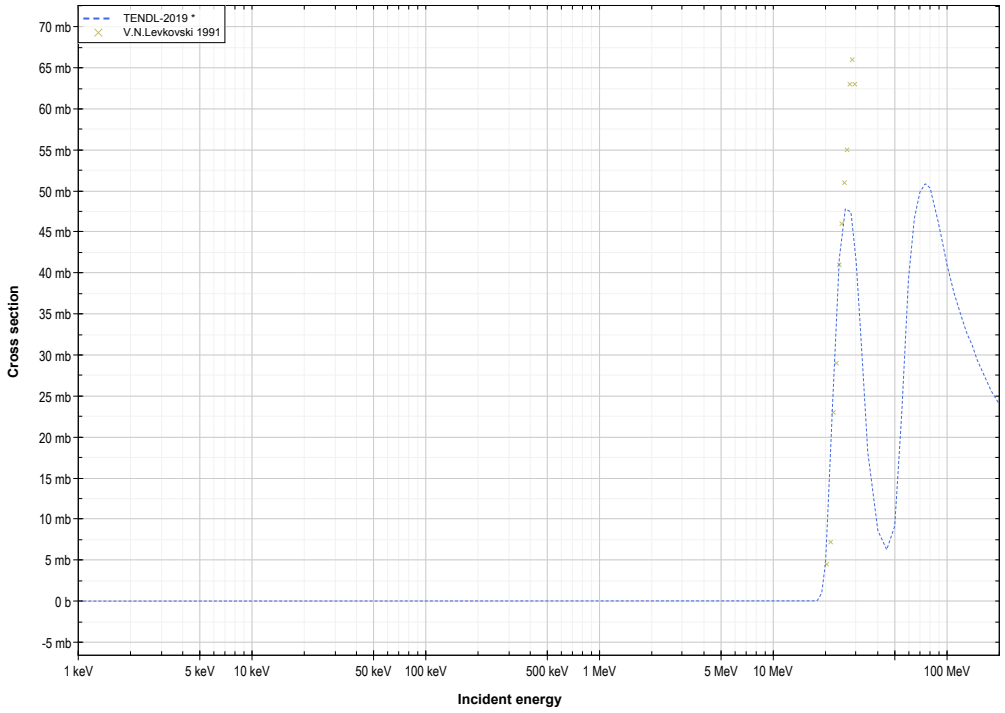
Reaction	Q-Value
Ni60(p,n)Cu60	-6910.35 keV

<< 26-Fe-58	**28-Ni-60**	28-Ni-62 >>
<< MT4 (p,n)	**MT22 (p,n+α) or MT5 (Co56 production)**	MT28 (p,n+p) >>

Ni60 (p,n+α) or Co56 production log-log



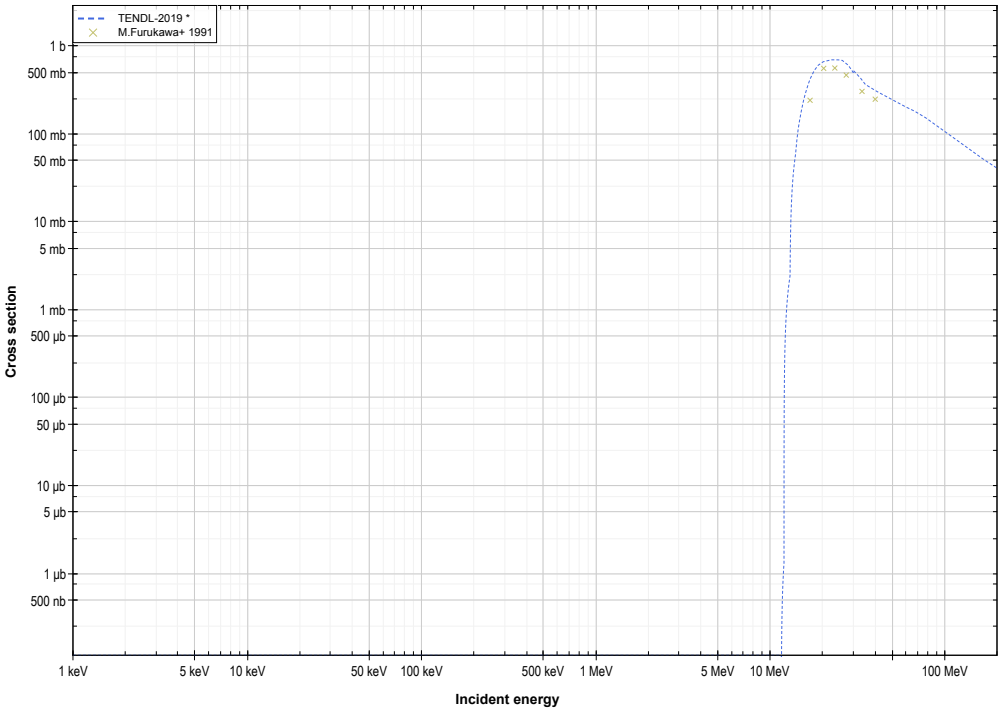
Ni60 (p,n+α) or Co56 production lin-log



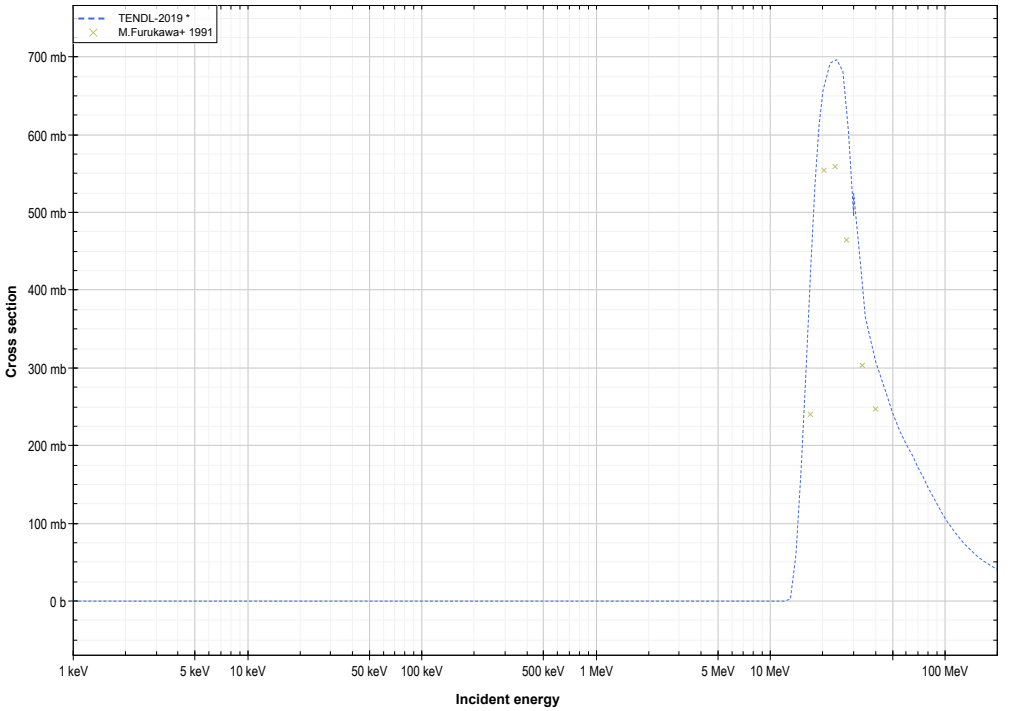
Reaction	Q-Value
Ni60(p,n+α)Co56	-11639.96 keV
Ni60(p,d+t)Co56	-29229.26 keV
Ni60(p,n+p+t)Co56	-31453.83 keV
Ni60(p,2n+He3)Co56	-32217.58 keV
Ni60(p,n+2d)Co56	-35486.49 keV
Ni60(p,2n+p+d)Co56	-37711.06 keV
Ni60(p,3n+2p)Co56	-39935.62 keV

<< 28-Ni-58	**28-Ni-60**	29-Cu-63 >>
<< MT22 (p,n+α)	**MT28 (p,n+p) or MT5 (Ni59 production)**	MT44 (p,n+2p) >>

Ni60 (p,n+p) or Ni59 production log-log



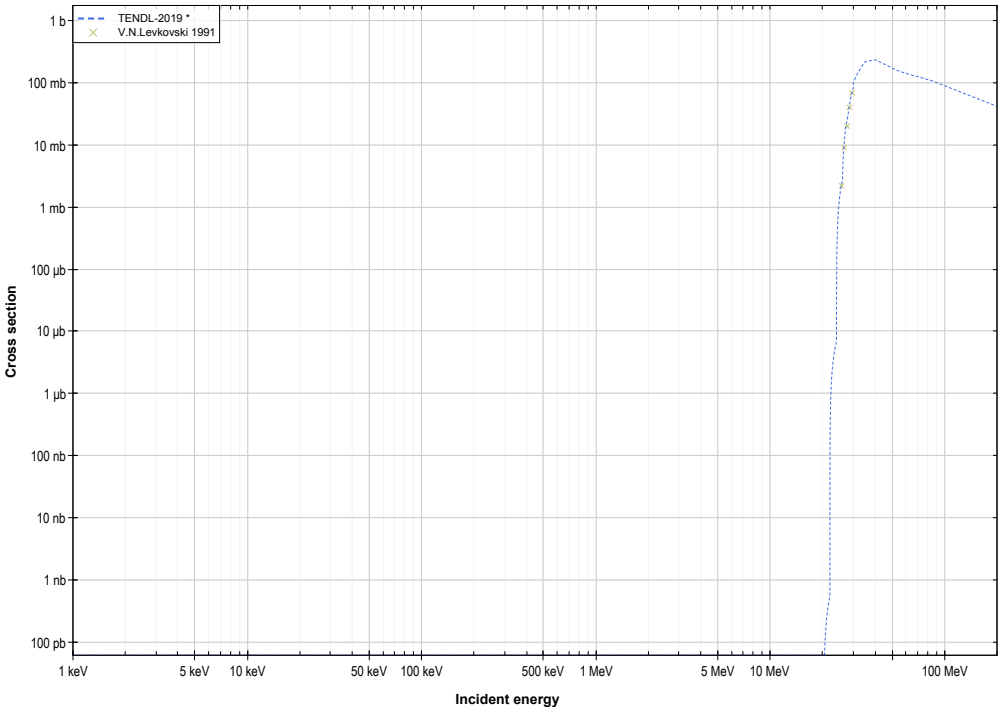
Ni60 (p,n+p) or Ni59 production lin-log



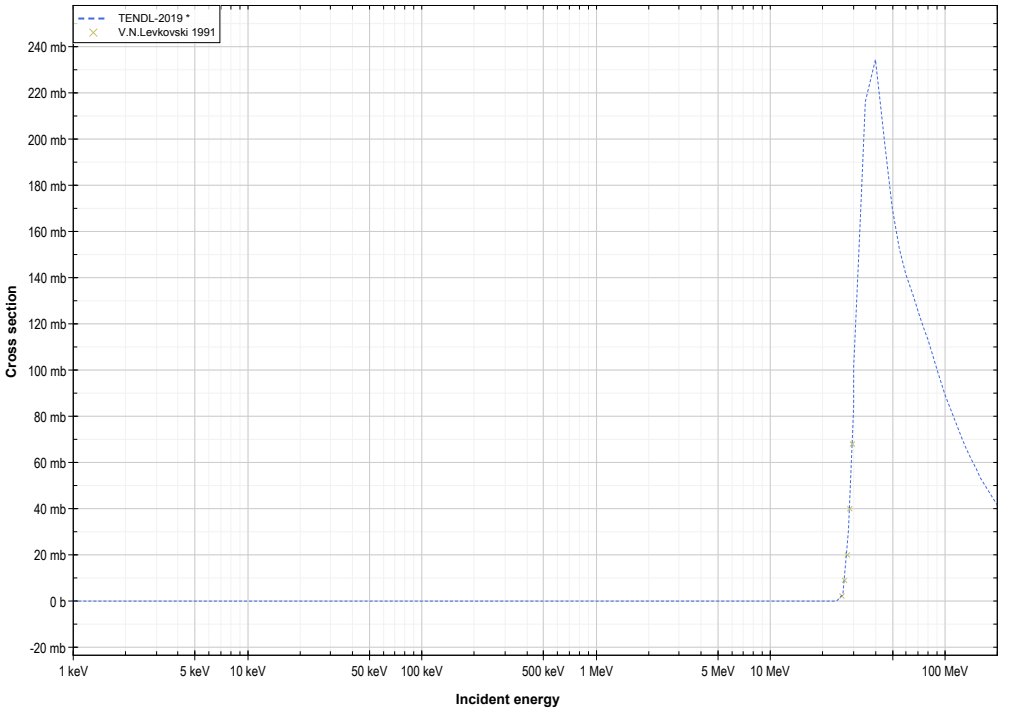
Reaction	Q-Value
Ni60(p,d)Ni59	-9163.15 keV
Ni60(p,n+p)Ni59	-11387.72 keV

<< 28-Ni-58	**28-Ni-60**	30-Zn-66 >>
<< MT28 (p,n+p)	**MT44 (p,n+2p) or MT5 (Co58 production)**	MT45 (p,n+p+α) >>

Ni60 (p,n+2p) or Co58 production log-log



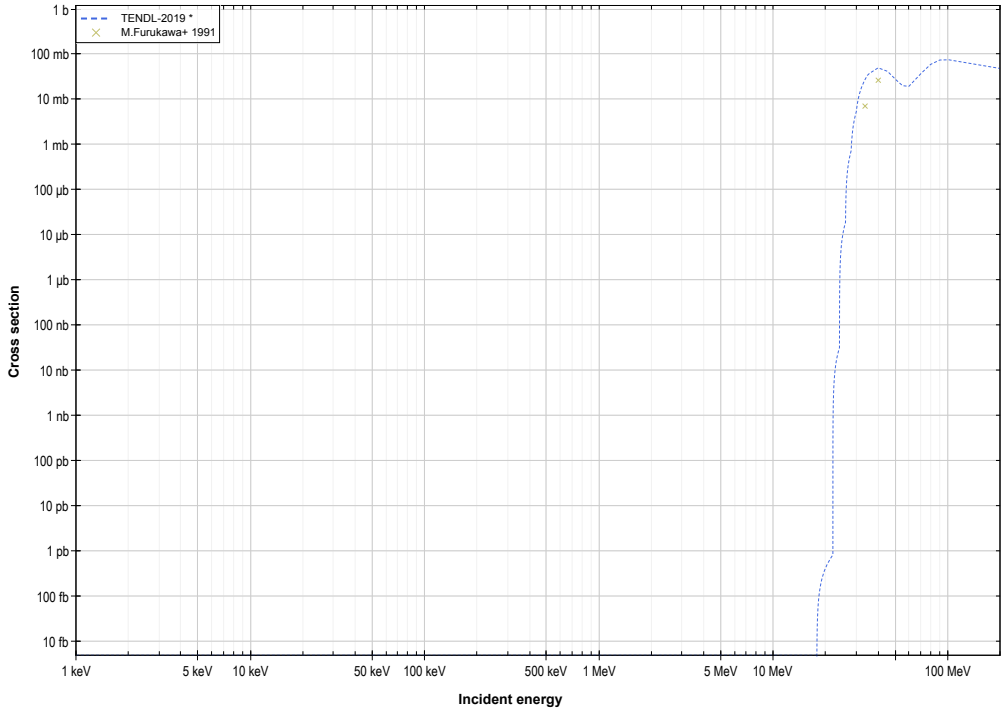
Ni60 (p,n+2p) or Co58 production lin-log



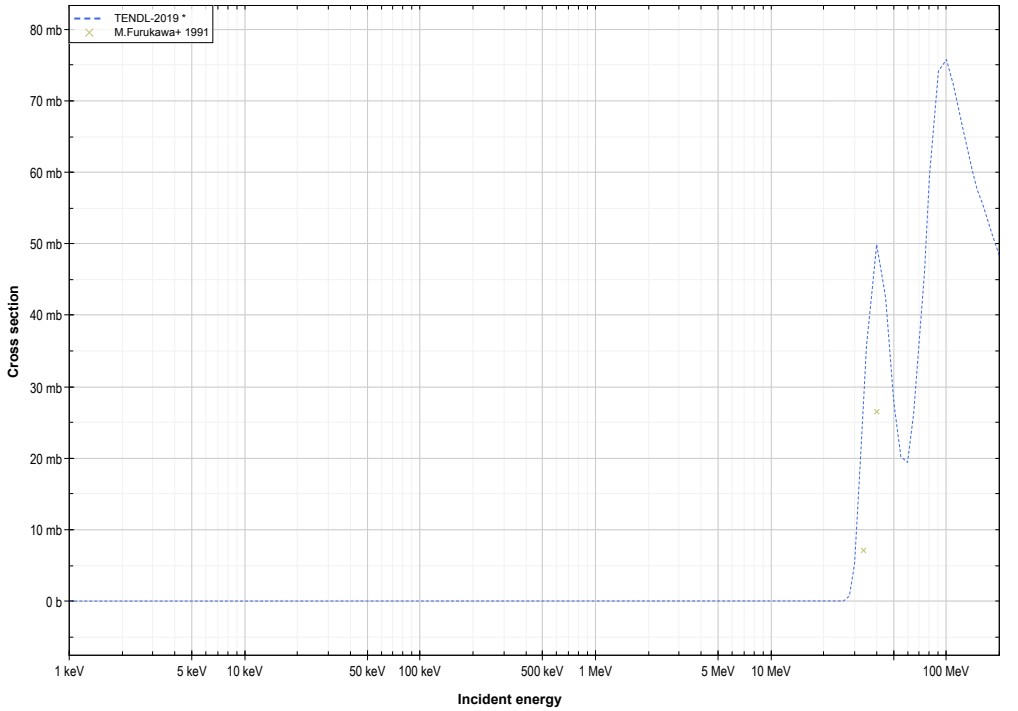
Reaction	Q-Value
Ni60(p,He3)Co58	-12268.15 keV
Ni60(p,p+d)Co58	-17761.62 keV
Ni60(p,n+2p)Co58	-19986.19 keV

<< 27-Co-59	**28-Ni-60**	29-Cu-63 >>
<< MT44 (p,n+2p)	**MT45 (p,n+p+α) or MT5 (Fe55 production)**	MT102 (p,γ) >>

Ni60 (p,n+p+α) or Fe55 production log-log



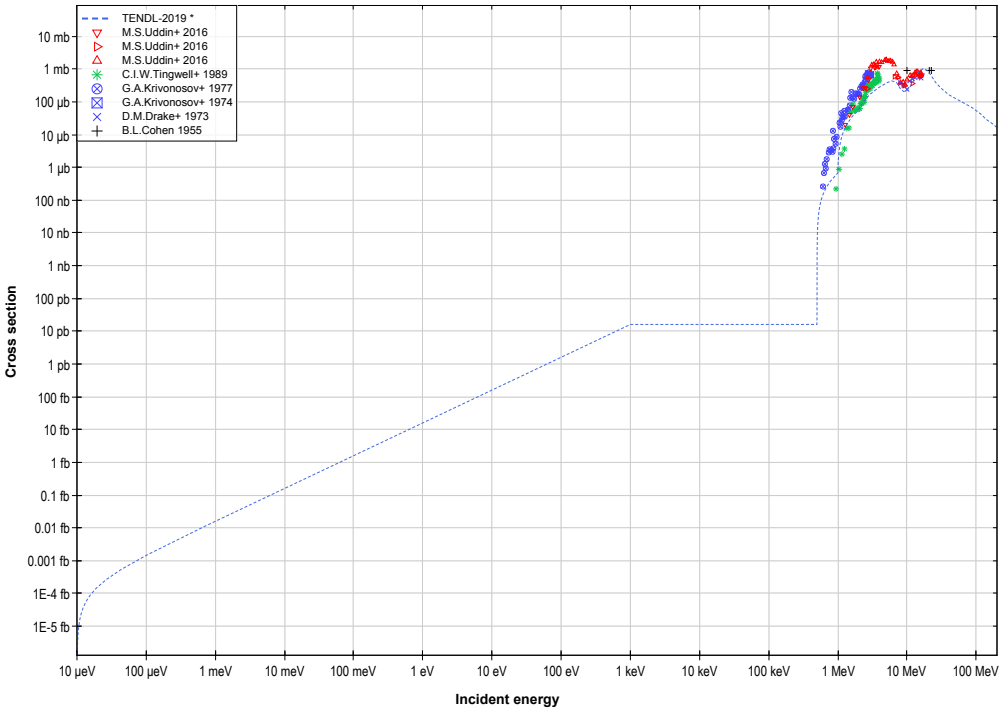
Ni60 (p,n+p+α) or Fe55 production lin-log



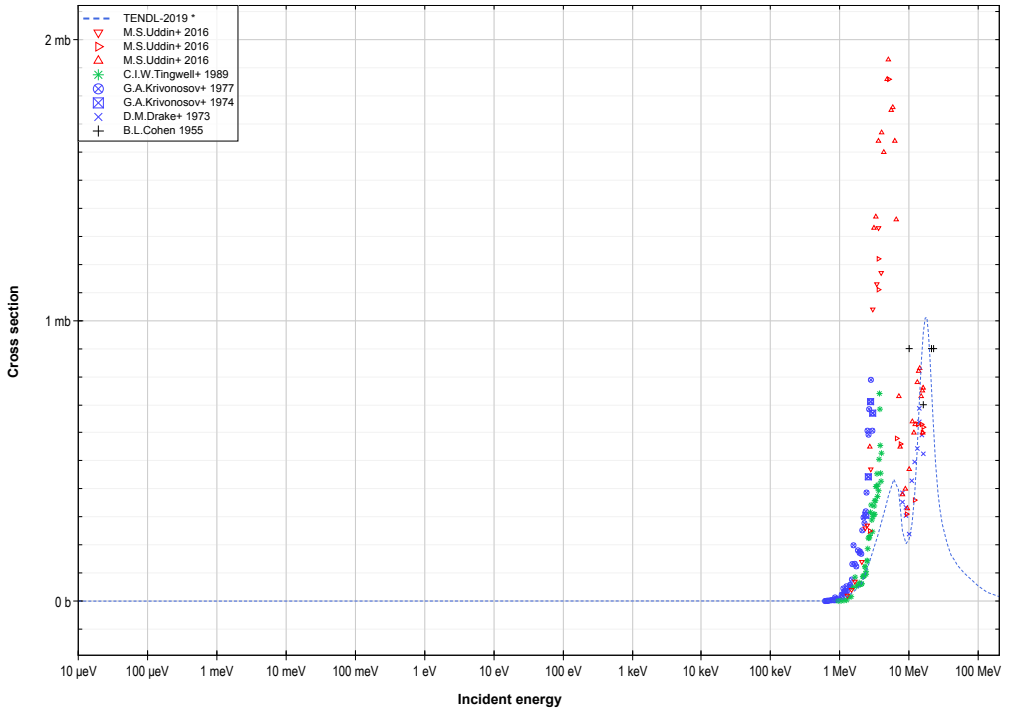
Reaction	Q-Value	Reaction	Q-Value
Ni60(p,d+α)Fe55	-15263.47 keV	Ni60(p,n+p+2d)Fe55	-41334.56 keV
Ni60(p,n+p+α)Fe55	-17488.03 keV	Ni60(p,2n+2p+d)Fe55	-43559.13 keV
Ni60(p,t+He3)Fe55	-29583.86 keV	Ni60(p,3n+3p)Fe55	-45783.69 keV
Ni60(p,p+d+t)Fe55	-35077.33 keV		
Ni60(p,n+d+He3)Fe55	-35841.09 keV		
Ni60(p,n+2p+t)Fe55	-37301.90 keV		
Ni60(p,2n+p+He3)Fe55	-38065.65 keV		
Ni60(p,3d)Fe55	-39109.99 keV		

<< 28-Ni-58	**28-Ni-60**	28-Ni-61 >>
<< MT45 (p,n+p+α)	**MT102 (p,γ) or MT5 (Cu61 production)**	MT103 (p,p) >>

Ni60 (p,γ) or Cu61 production log-log



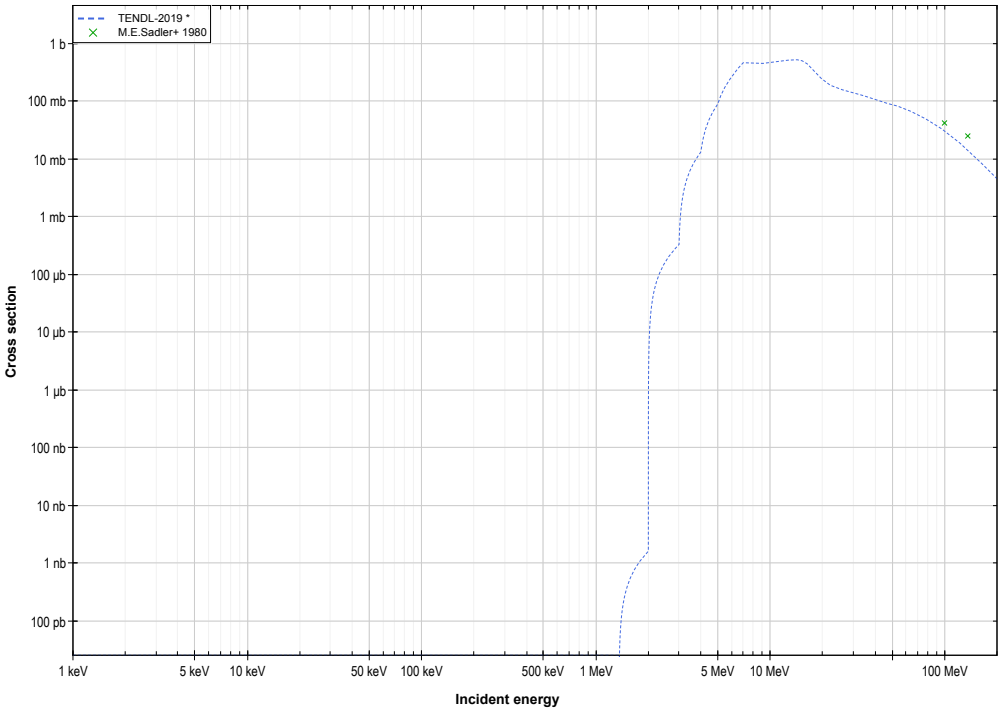
Ni60 (p,γ) or Cu61 production lin-log



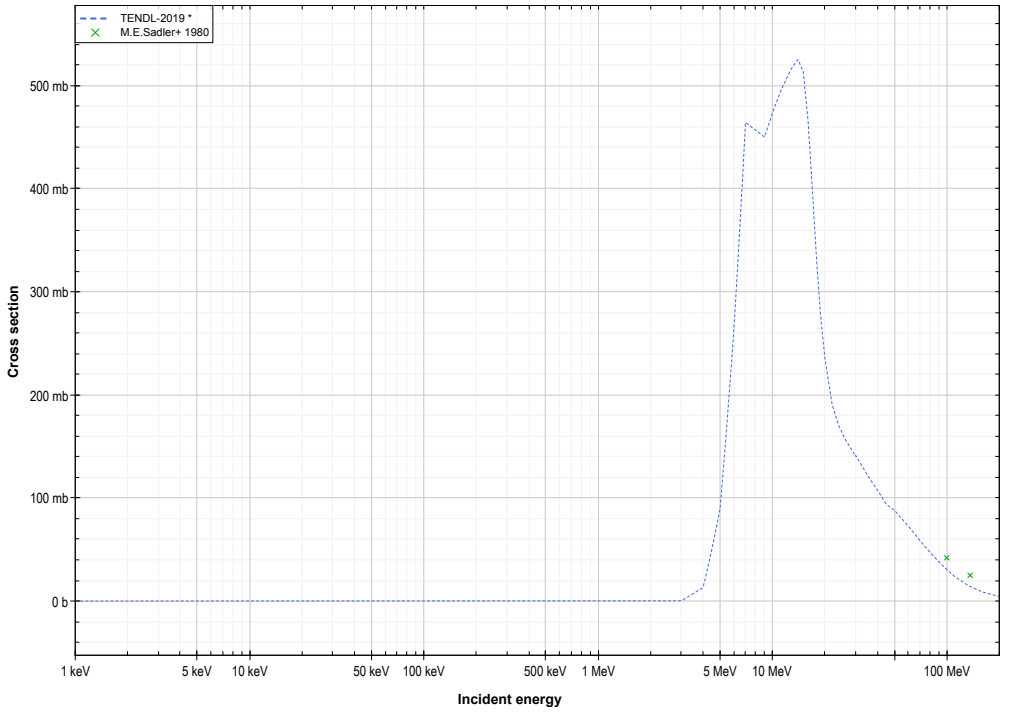
Reaction	Q-Value
Ni60(p,γ)Cu61	4799.97 keV

<< 28-Ni-58	**28-Ni-60**	28-Ni-62 >>
<< MT102 (p,γ)	**MT103 (p,p) or MT5 (Ni60 production)**	MT104 (p,d) >>

Ni60 (p,p) or Ni60 production log-log



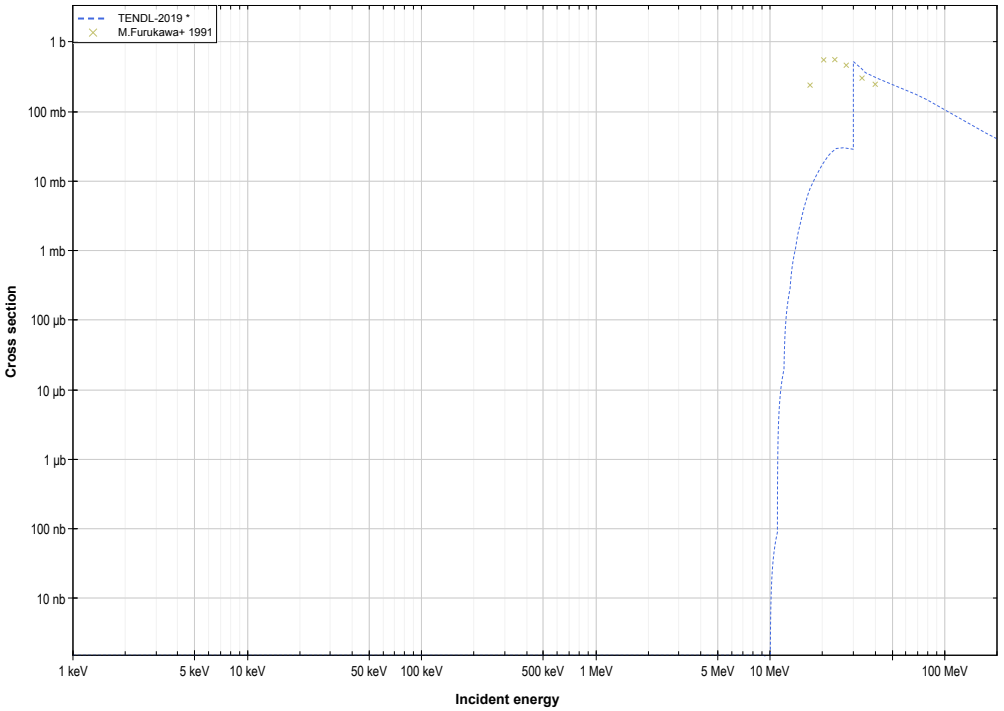
Ni60 (p,p) or Ni60 production lin-log



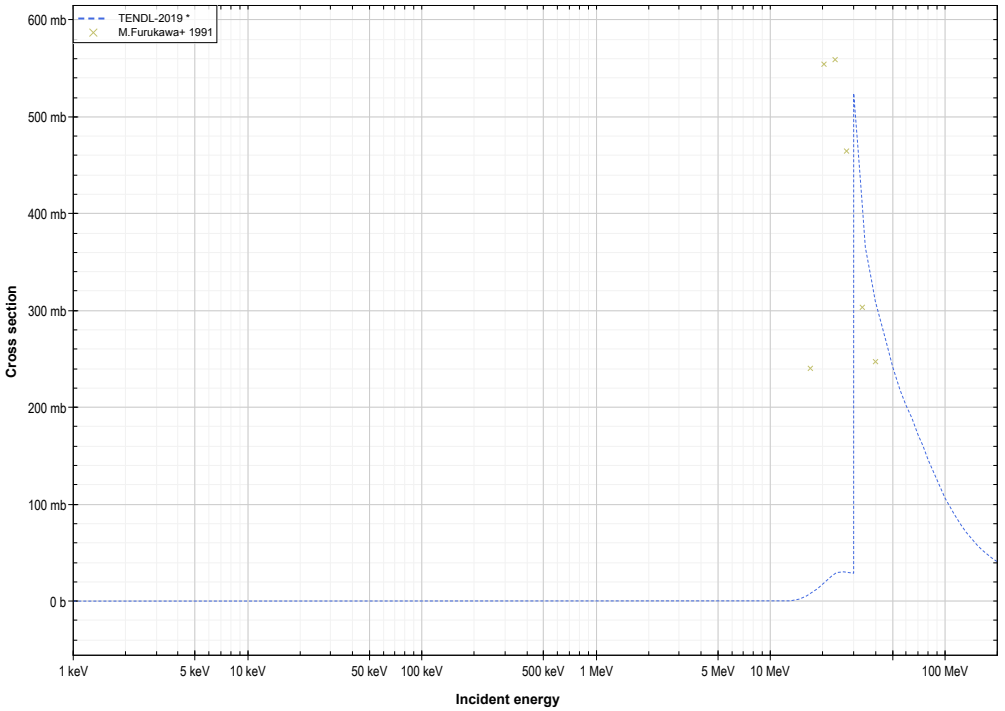
Reaction	Q-Value
Ni60(p,p)Ni60	0.00 keV

<< 28-Ni-58	**28-Ni-60**	29-Cu-63 >>
<< MT103 (p,p)	**MT104 (p,d) or MT5 (Ni59 production)**	MT106 (p,³He) >>

Ni60 (p,d) or Ni59 production log-log



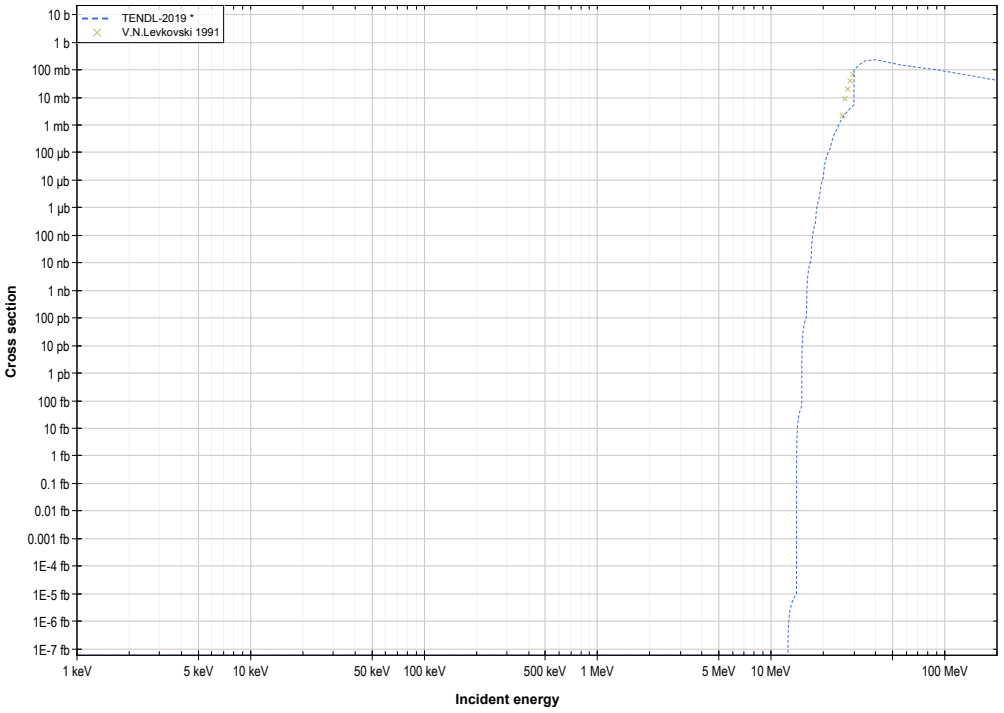
Ni60 (p,d) or Ni59 production lin-log



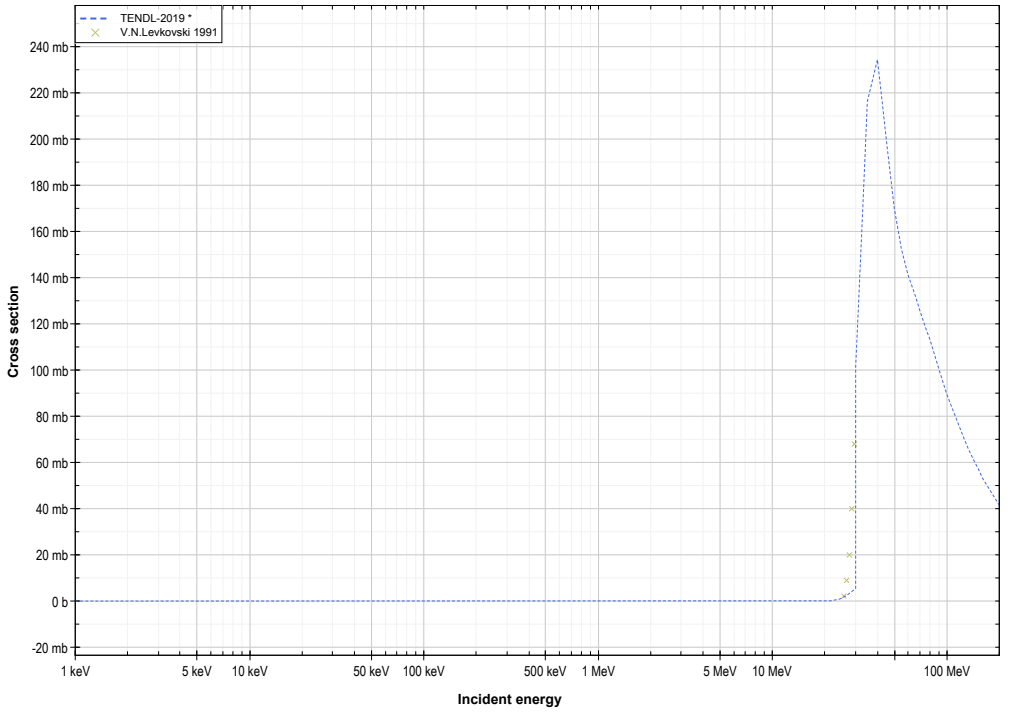
Reaction	Q-Value
Ni60(p,d)Ni59	-9163.15 keV
Ni60(p,n+p)Ni59	-11387.72 keV

<< 28-Ni-58	**28-Ni-60**	30-Zn-66 >>
<< MT104 (p,d)	**MT106 (p,³He) or MT5 (Co58 production)**	MT107 (p,α) >>

Ni60 (p,³He) or Co58 production log-log



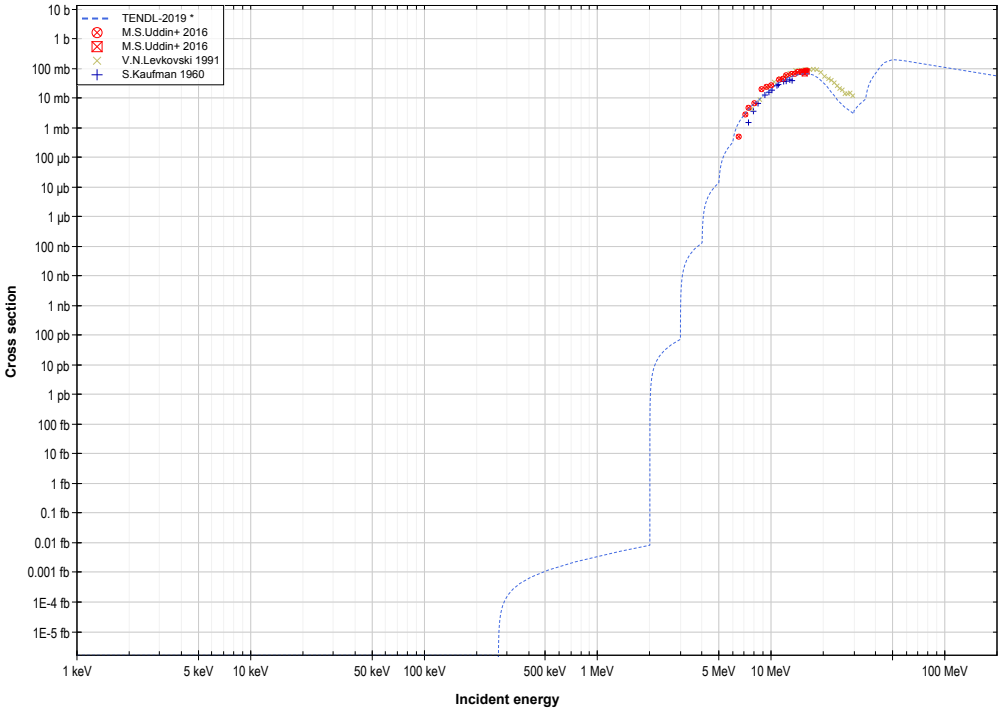
Ni60 (p,³He) or Co58 production lin-log



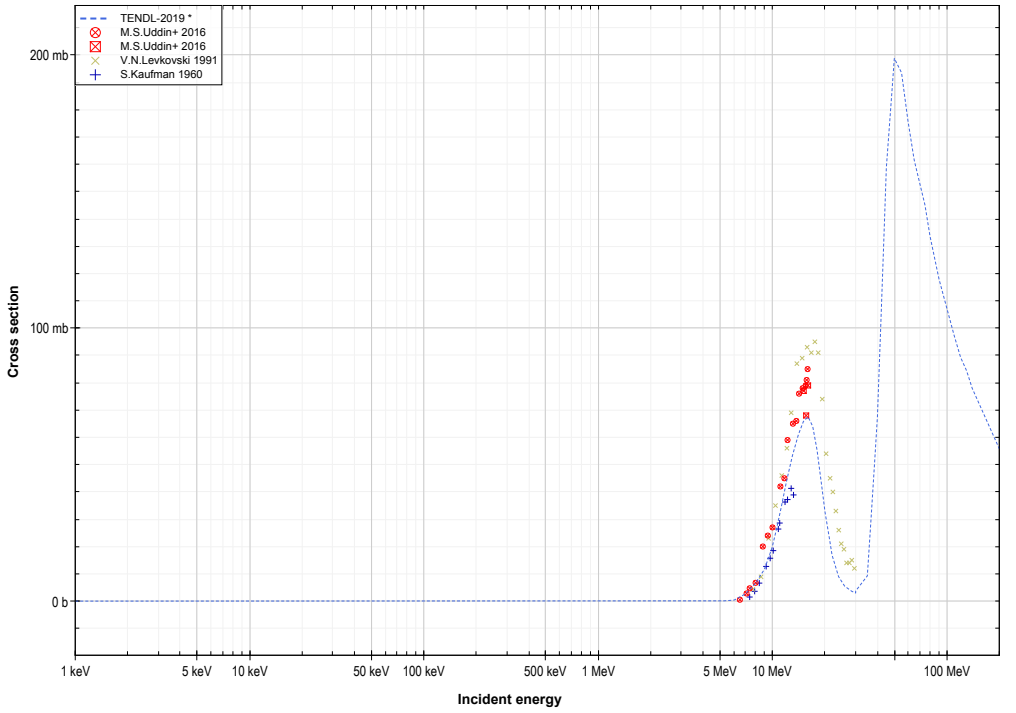
Reaction	Q-Value
Ni60(p,He3)Co58	-12268.15 keV
Ni60(p,p+d)Co58	-17761.62 keV
Ni60(p,n+2p)Co58	-19986.19 keV

<< 28-Ni-58	**28-Ni-60**	28-Ni-61 >>
<< MT106 (p,³He)	**MT107 (p,α) or MT5 (Co57 production)**	MT115 (p,p+d) >>

Ni60 (p,α) or Co57 production log-log



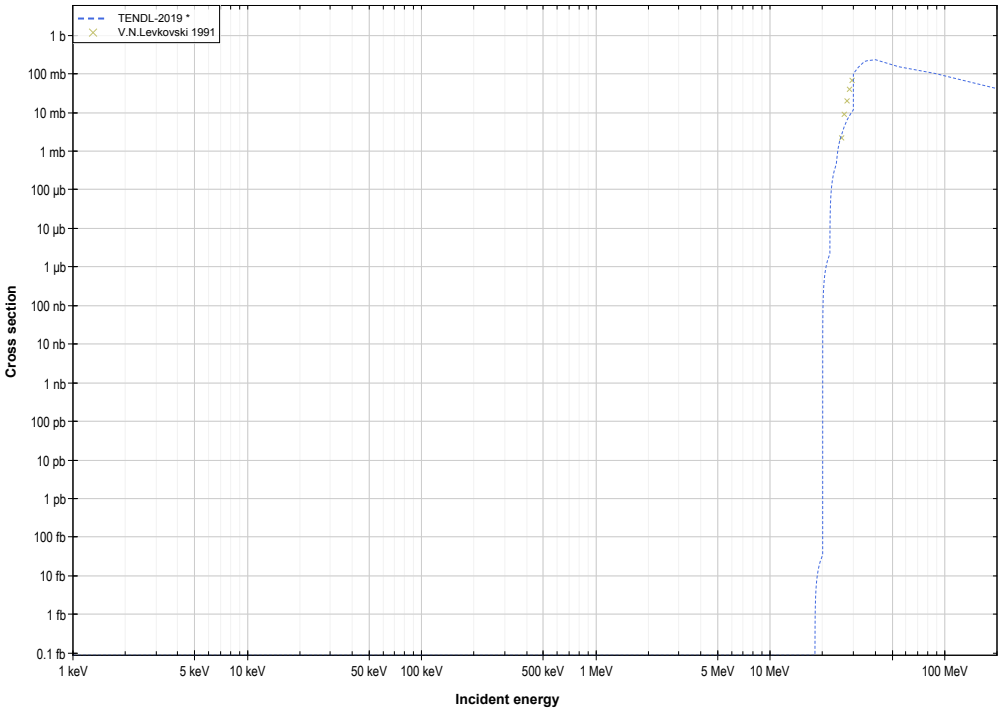
Ni60 (p,α) or Co57 production lin-log



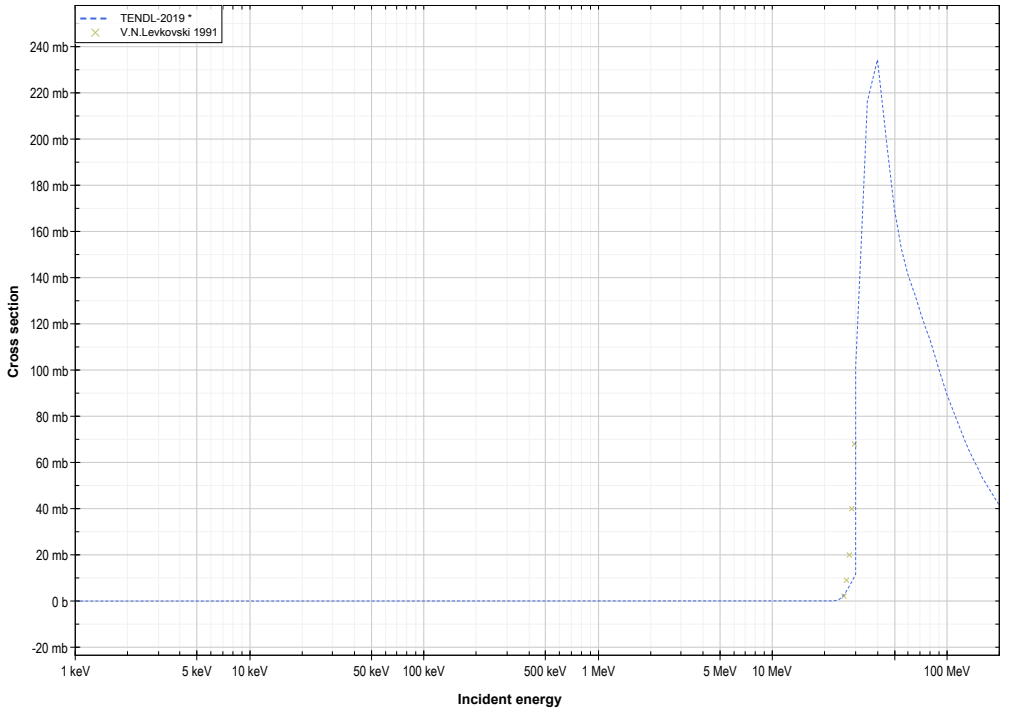
Reaction	Q-Value
Ni60(p,α)Co57	-263.44 keV
Ni60(p,p+t)Co57	-20077.31 keV
Ni60(p,n+He3)Co57	-20841.06 keV
Ni60(p,2d)Co57	-24109.97 keV
Ni60(p,n+p+d)Co57	-26334.54 keV
Ni60(p,2n+2p)Co57	-28559.10 keV

<< 28-Ni-58	**28-Ni-60**	30-Zn-66 >>
<< MT107 (p,α)	**MT115 (p,p+d) or MT5 (Co58 production)**	MT117 (p,d+α) >>

Ni60 (p,p+d) or Co58 production log-log



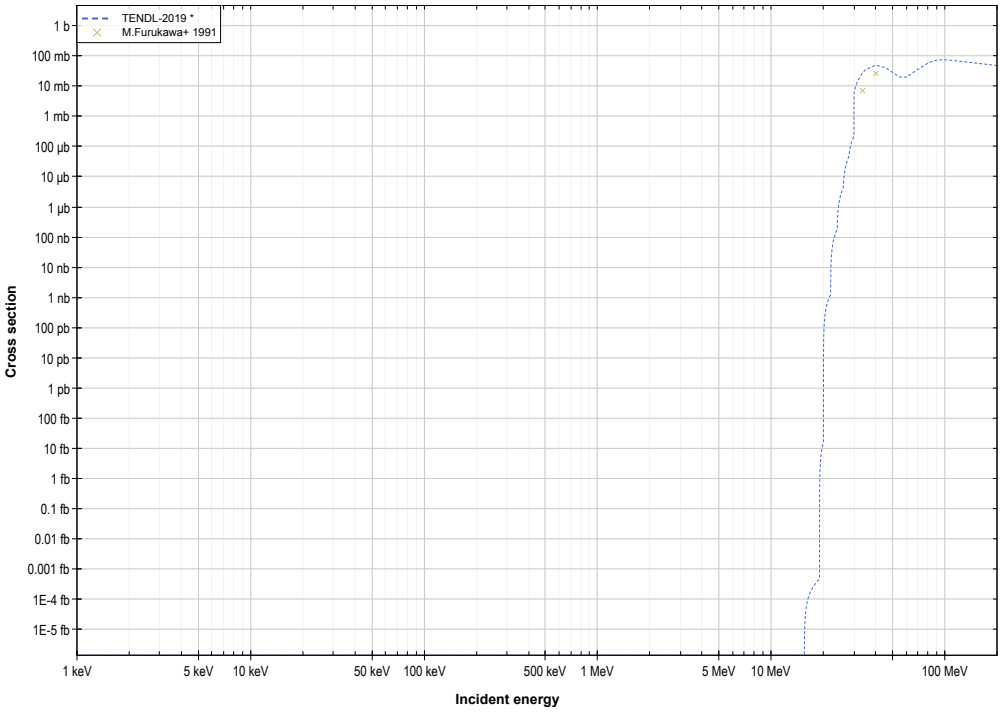
Ni60 (p,p+d) or Co58 production lin-log



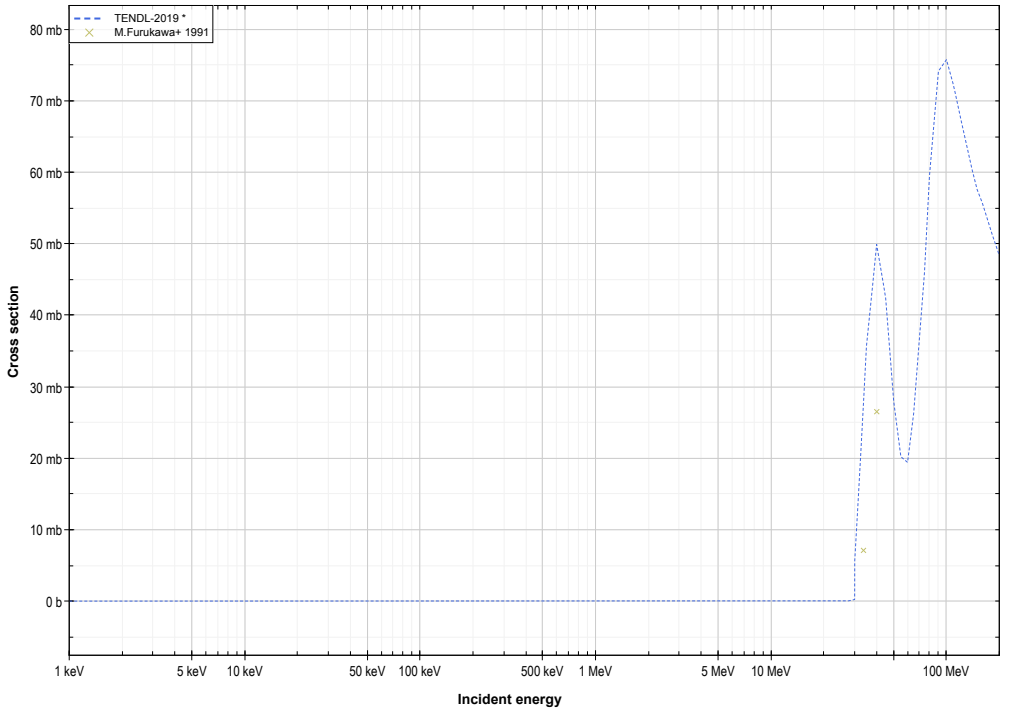
Reaction	Q-Value
Ni60(p,He3)Co58	-12268.15 keV
Ni60(p,p+d)Co58	-17761.62 keV
Ni60(p,n+2p)Co58	-19986.19 keV

<< 27-Co-59	**28-Ni-60**	31-Ga-69 >>
<< MT115 (p,p+d)	**MT117 (p,d+α) or MT5 (Fe55 production)**	MT176 (p,2n+³He) >>

Ni60 (p,d+α) or Fe55 production log-log



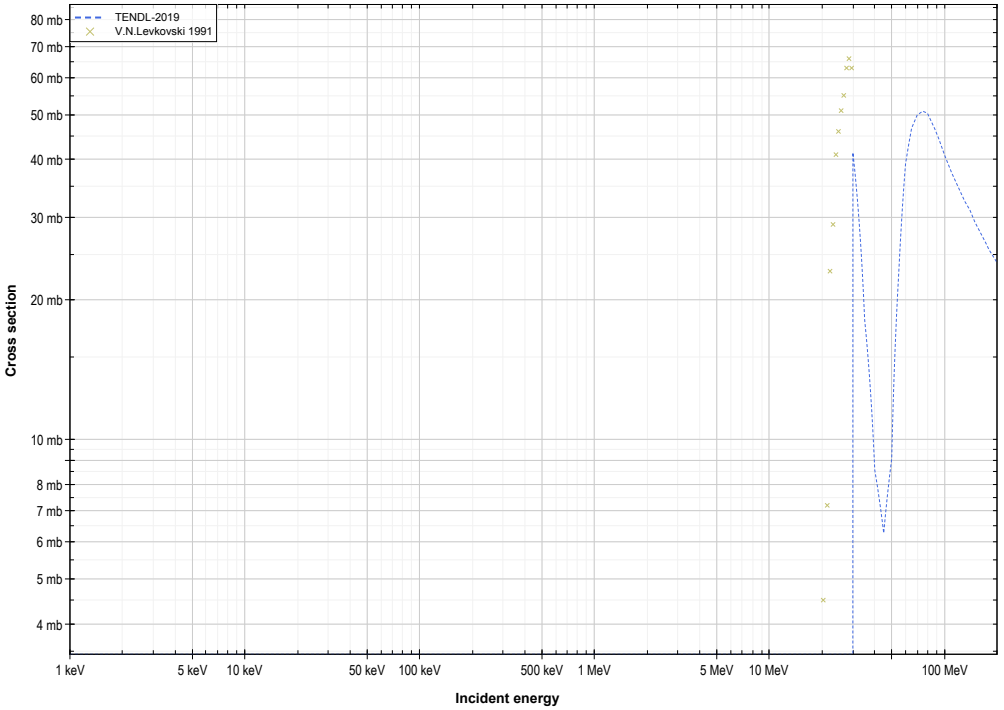
Ni60 (p,d+α) or Fe55 production lin-log



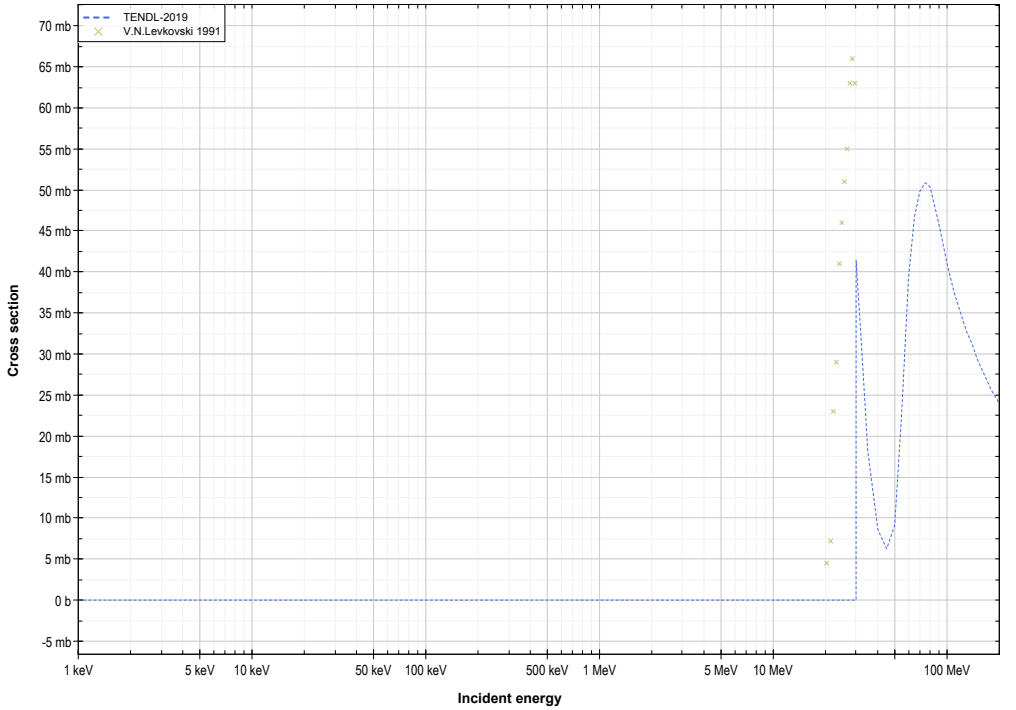
Reaction	Q-Value	Reaction	Q-Value
Ni60(p,d+α)Fe55	-15263.47 keV	Ni60(p,n+p+2d)Fe55	-41334.56 keV
Ni60(p,n+p+α)Fe55	-17488.03 keV	Ni60(p,2n+2p+d)Fe55	-43559.13 keV
Ni60(p,t+He3)Fe55	-29583.86 keV	Ni60(p,3n+3p)Fe55	-45783.69 keV
Ni60(p,p+d+t)Fe55	-35077.33 keV		
Ni60(p,n+d+He3)Fe55	-35841.09 keV		
Ni60(p,n+2p+t)Fe55	-37301.90 keV		
Ni60(p,2n+p+He3)Fe55	-38065.65 keV		
Ni60(p,3d)Fe55	-39109.99 keV		

<< 26-Fe-58	**28-Ni-60**	28-Ni-62 >>
<< MT117 (p,d+α)	**MT176 (p,2n+³He) or MT5 (Co56 production)**	MT179 (p,3n+2p) >>

Ni60 (p,2n+³He) or Co56 production log-log



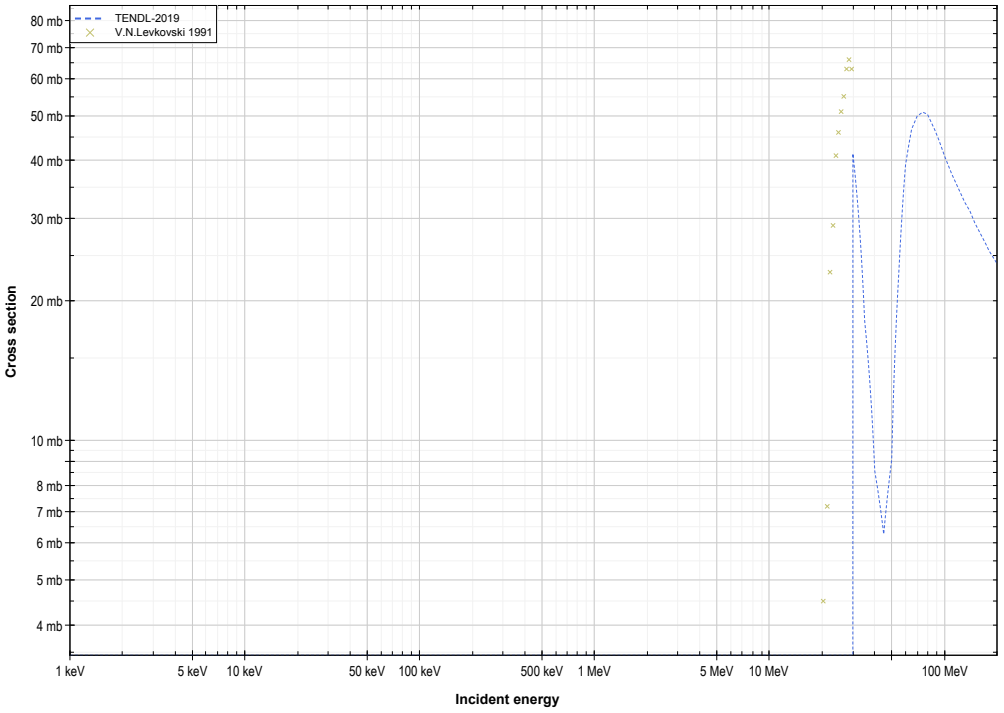
Ni60 (p,2n+³He) or Co56 production lin-log



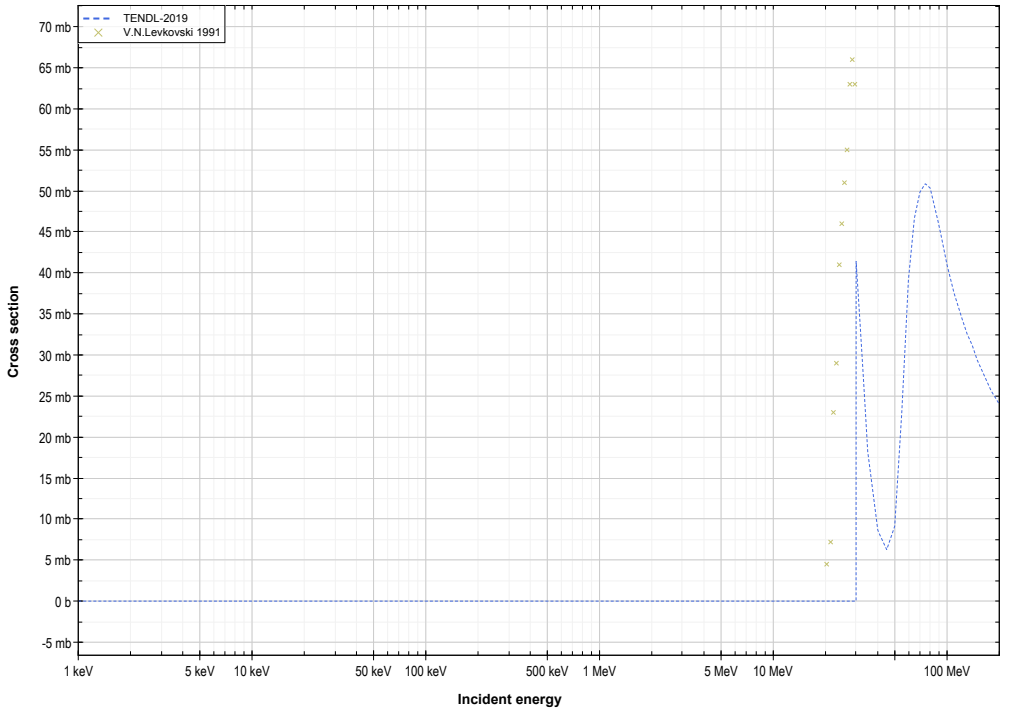
Reaction	Q-Value
Ni60(p,n+α)Co56	-11639.96 keV
Ni60(p,d+t)Co56	-29229.26 keV
Ni60(p,n+p+t)Co56	-31453.83 keV
Ni60(p,2n+He3)Co56	-32217.58 keV
Ni60(p,n+2d)Co56	-35486.49 keV
Ni60(p,2n+p+d)Co56	-37711.06 keV
Ni60(p,3n+2p)Co56	-39935.62 keV

<< 26-Fe-58	**28-Ni-60**	28-Ni-62 >>
<< MT176 (p,2n+^{3}He)	**MT179 (p,3n+2p) or MT5 (Co56 production)**	MT182 (p,d+t) >>

Ni60 (p,3n+2p) or Co56 production log-log



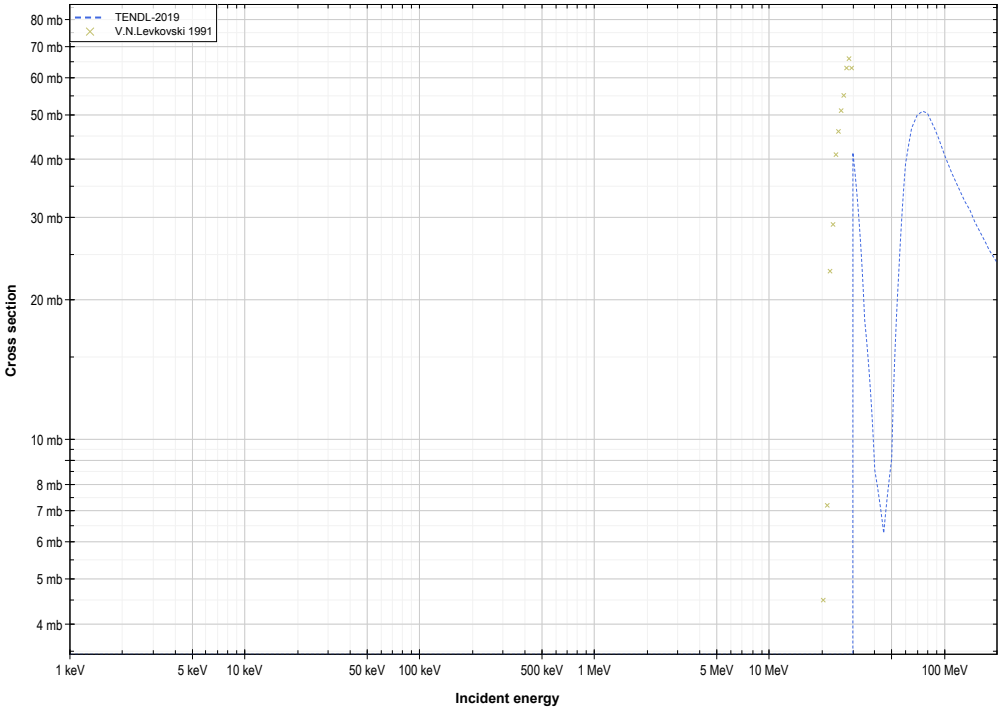
Ni60 (p,3n+2p) or Co56 production lin-log



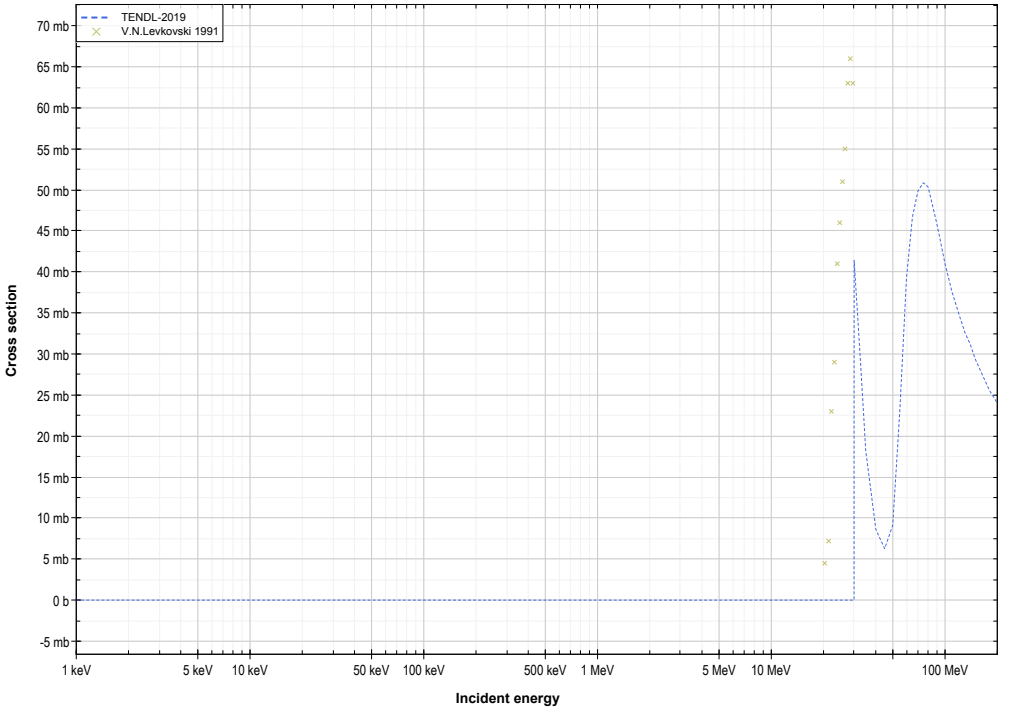
Reaction	Q-Value
Ni60(p,n+α)Co56	-11639.96 keV
Ni60(p,d+t)Co56	-29229.26 keV
Ni60(p,n+p+t)Co56	-31453.83 keV
Ni60(p,2n+He3)Co56	-32217.58 keV
Ni60(p,n+2d)Co56	-35486.49 keV
Ni60(p,2n+p+d)Co56	-37711.06 keV
Ni60(p,3n+2p)Co56	-39935.62 keV

<< 26-Fe-58	**28-Ni-60**	28-Ni-62 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Co56 production)**	MT184 (p,n+p+t) >>

Ni60 (p,d+t) or Co56 production log-log



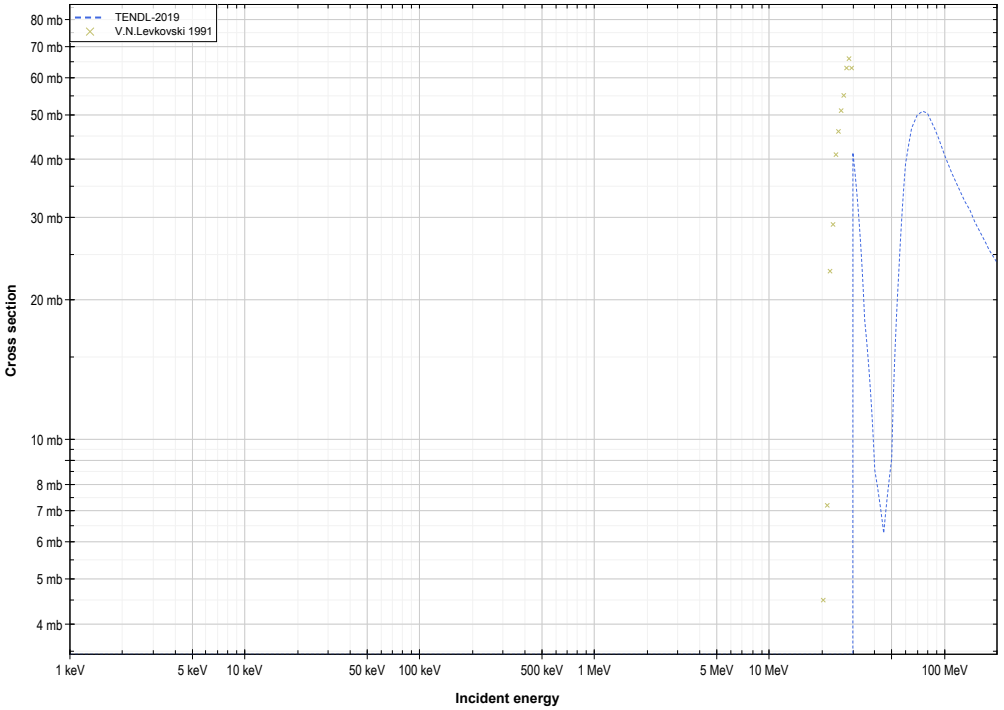
Ni60 (p,d+t) or Co56 production lin-log



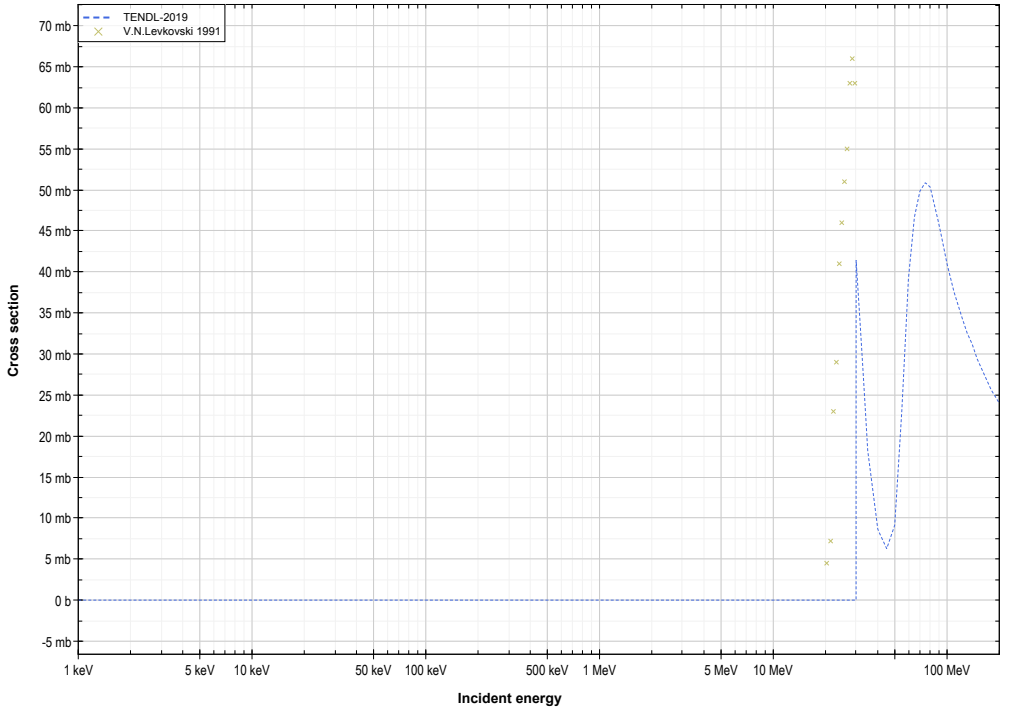
Reaction	Q-Value
Ni60(p,n+α)Co56	-11639.96 keV
Ni60(p,d+t)Co56	-29229.26 keV
Ni60(p,n+p+t)Co56	-31453.83 keV
Ni60(p,2n+He3)Co56	-32217.58 keV
Ni60(p,n+2d)Co56	-35486.49 keV
Ni60(p,2n+p+d)Co56	-37711.06 keV
Ni60(p,3n+2p)Co56	-39935.62 keV

<< 26-Fe-58	**28-Ni-60**	28-Ni-62 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Co56 production)**	MT187 (p,n+d+^{3}He) >>

Ni60 (p,n+p+t) or Co56 production log-log



Ni60 (p,n+p+t) or Co56 production lin-log



Reaction	Q-Value
Ni60(p,n+α)Co56	-11639.96 keV
Ni60(p,d+t)Co56	-29229.26 keV
Ni60(p,n+p+t)Co56	-31453.83 keV
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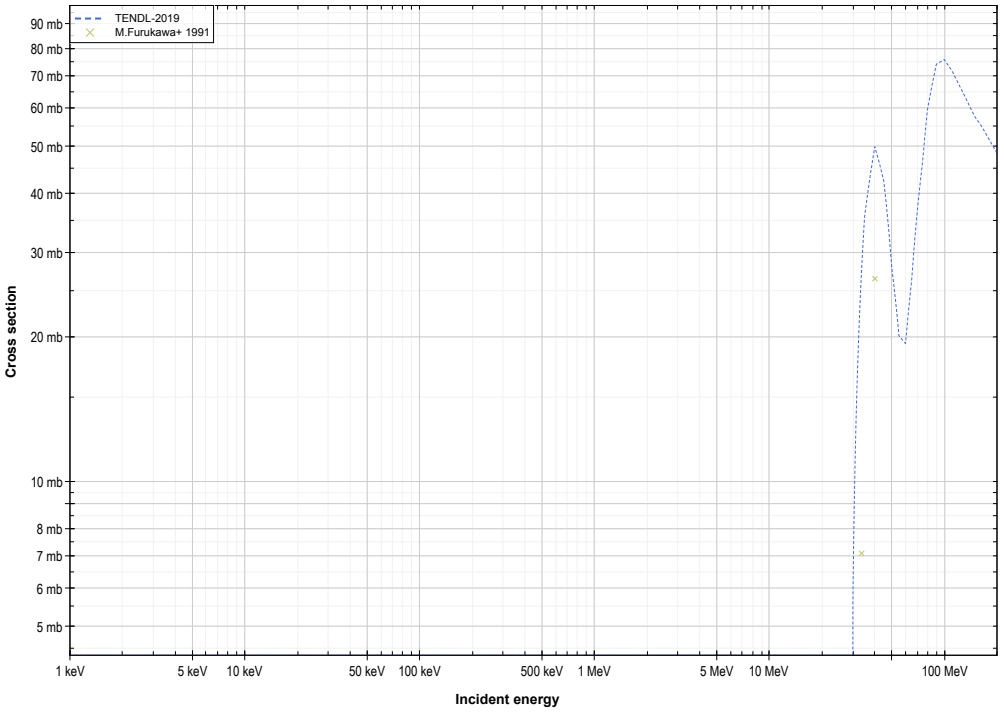
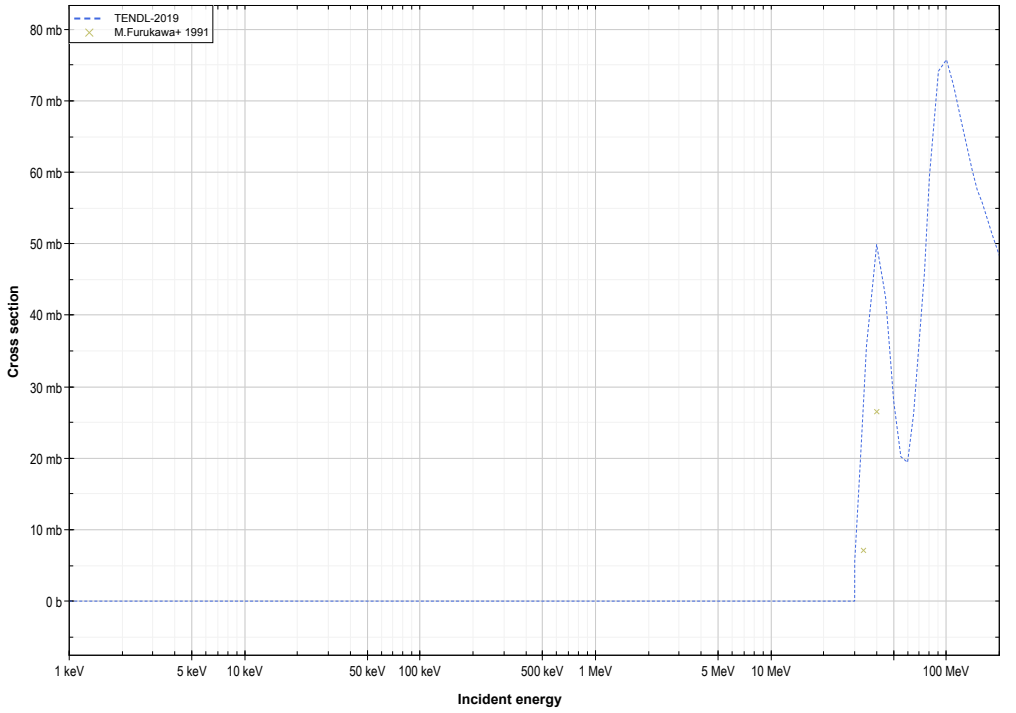
Ni60(p,n+2d)Co56	-35486.49 keV
Ni60(p,2n+p+d)Co56	-37711.06 keV
Ni60(p,3n+2p)Co56	-39935.62 keV

<< 27-Co-59	**28-Ni-60**	31-Ga-69 >>
<< MT184 (p,n+p+t)	**MT187 (p,n+d+³He) or MT5 (Fe55 production)**	MT193 (p,³He+α) >>

Ni60 (p,n+d+³He) or Fe55 production log-log



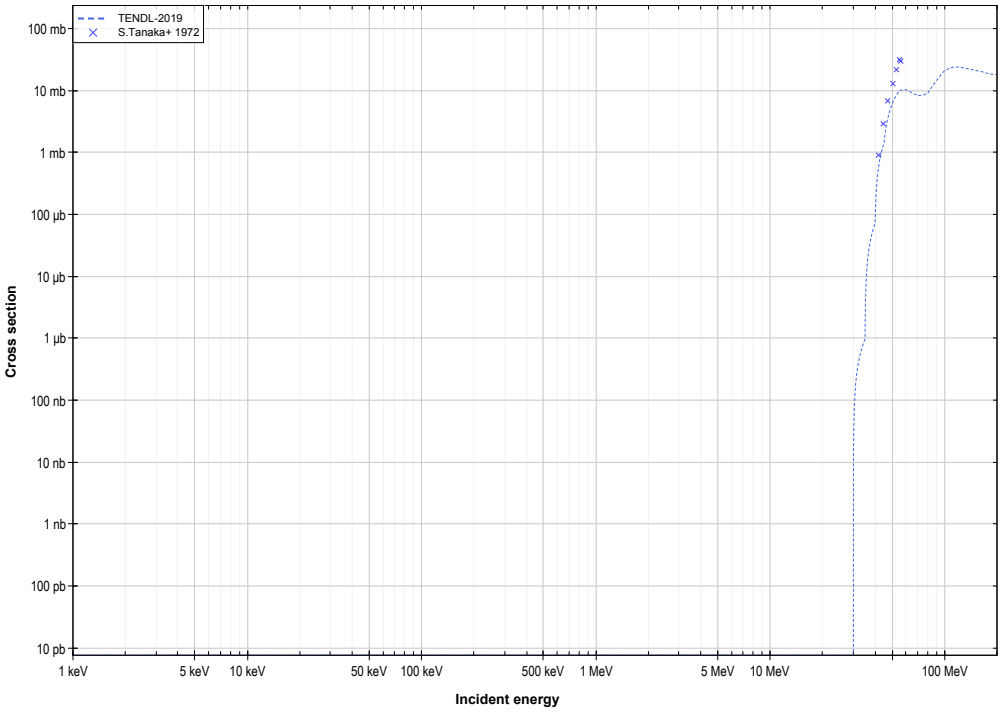
Ni60 (p,n+d+³He) or Fe55 production lin-log



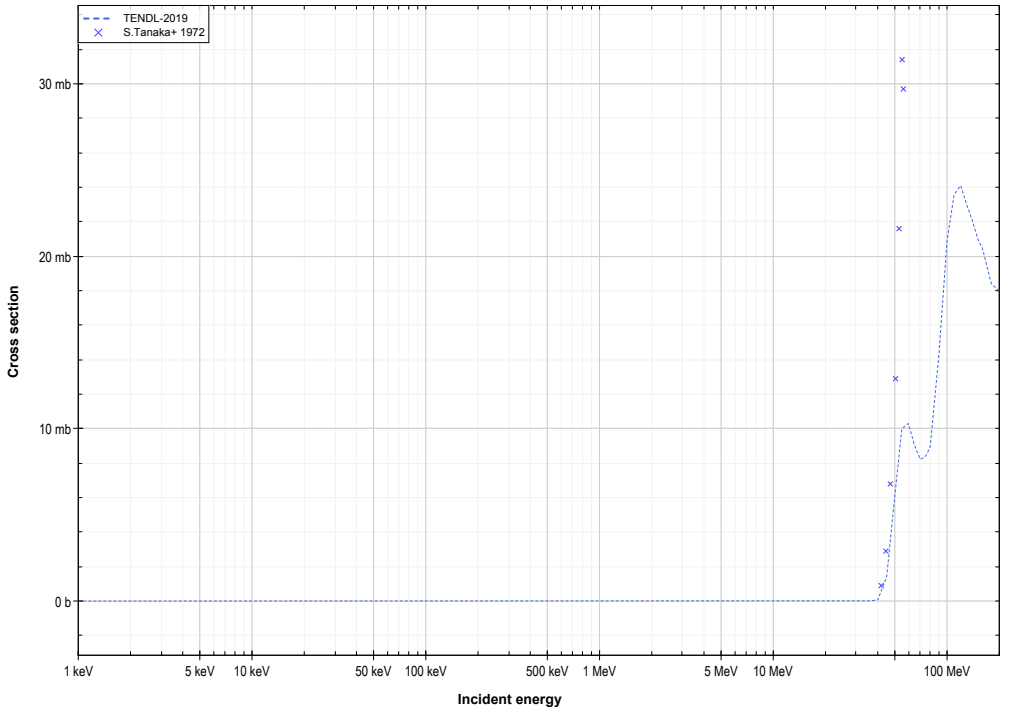
Reaction	Q-Value	Reaction	Q-Value
Ni60(p,d+α)Fe55	-15263.47 keV	Ni60(p,n+p+2d)Fe55	-41334.56 keV
Ni60(p,n+p+α)Fe55	-17488.03 keV	Ni60(p,2n+2p+d)Fe55	-43559.13 keV
Ni60(p,t+He3)Fe55	-29583.86 keV	Ni60(p,3n+3p)Fe55	-45783.69 keV
Ni60(p,p+d+t)Fe55	-35077.33 keV		
Ni60(p,n+d+He3)Fe55	-35841.09 keV		
Ni60(p,n+2p+t)Fe55	-37301.90 keV		
Ni60(p,2n+p+He3)Fe55	-38065.65 keV		
Ni60(p,3d)Fe55	-39109.99 keV		

<< 14-Si-30	**28-Ni-60**	40-Zr-90 >>
<< MT187 (p,n+d+³He)	**MT193 (p,³He+α) or MT5 (Mn54 production)**	28-Ni-61 MT4 (p,n) >>

Ni60 (p,³He+α) or Mn54 production log-log



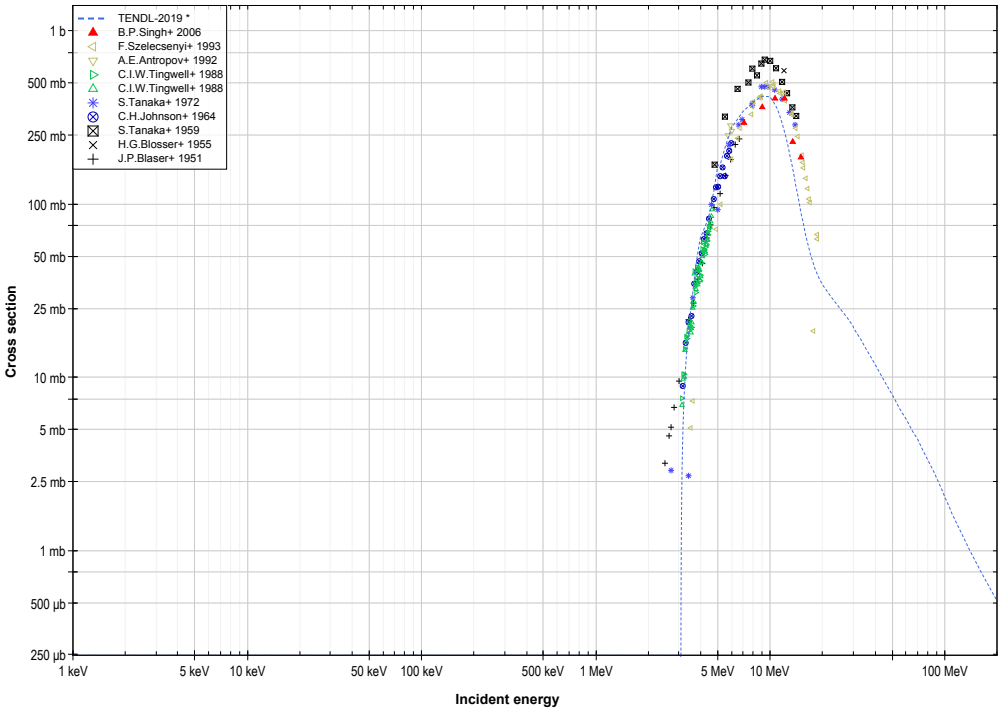
Ni60 (p,³He+α) or Mn54 production lin-log



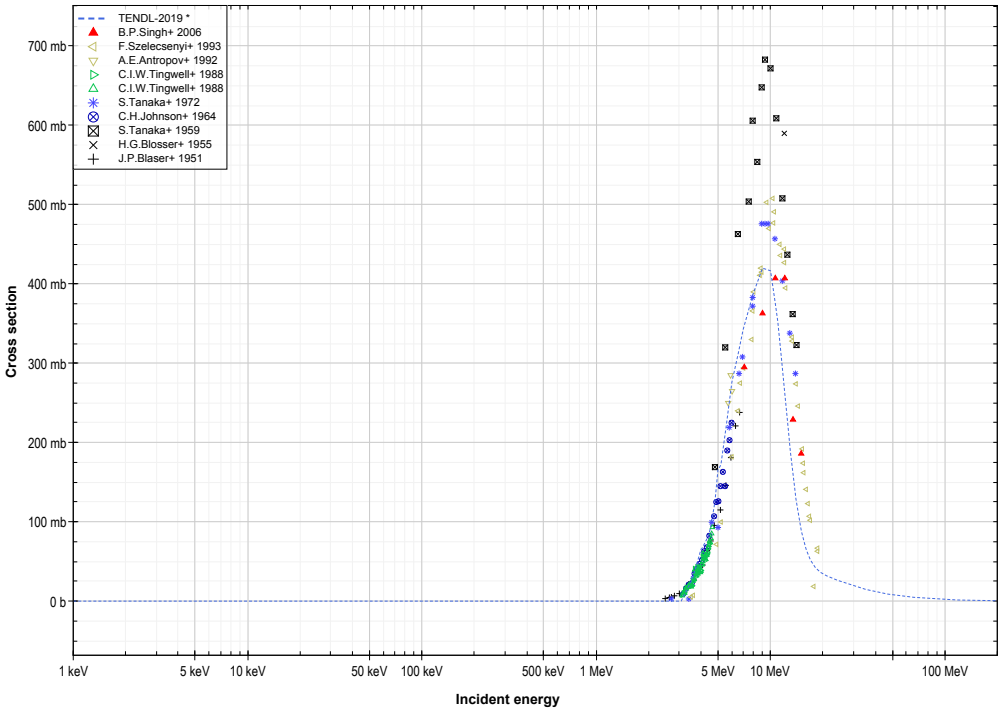
Reaction	Q-Value	Reaction	Q-Value
Ni60(p,He3+α)Mn54	-18982.66 keV	Ni60(p,n+3p+t)Mn54	-46514.57 keV
Ni60(p,p+d+α)Mn54	-24476.14 keV	Ni60(p,2n+2p+He3)Mn54	-47278.32 keV
Ni60(p,n+2p+α)Mn54	-26700.70 keV	Ni60(p,p+3d)Mn54	-48322.67 keV
Ni60(p,p+t+He3)Mn54	-38796.53 keV	Ni60(p,n+2p+2d)Mn54	-50547.23 keV
Ni60(p,n+2He3)Mn54	-39560.28 keV	Ni60(p,2n+3p+d)Mn54	-52771.80 keV
Ni60(p,2d+He3)Mn54	-42829.19 keV	Ni60(p,3n+4p)Mn54	-54996.36 keV
Ni60(p,2p+d+t)Mn54	-44290.00 keV		
Ni60(p,n+p+d+He3)Mn54	-45053.76 keV		

<< 28-Ni-60	**28-Ni-61**	28-Ni-62 >>
<< 28-Ni-60 MT193 (p,³He+α)	**MT4 (p,n) or MT5 (Cu61 production)**	MT16 (p,2n) >>

Ni61 (p,n) or Cu61 production log-log



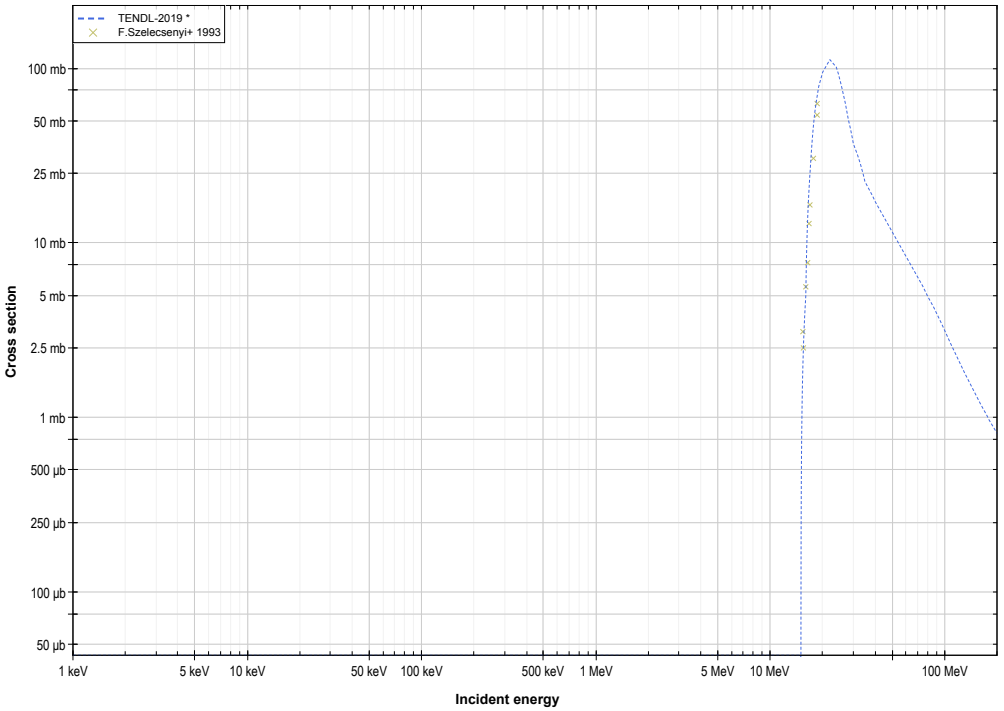
Ni61 (p,n) or Cu61 production lin-log



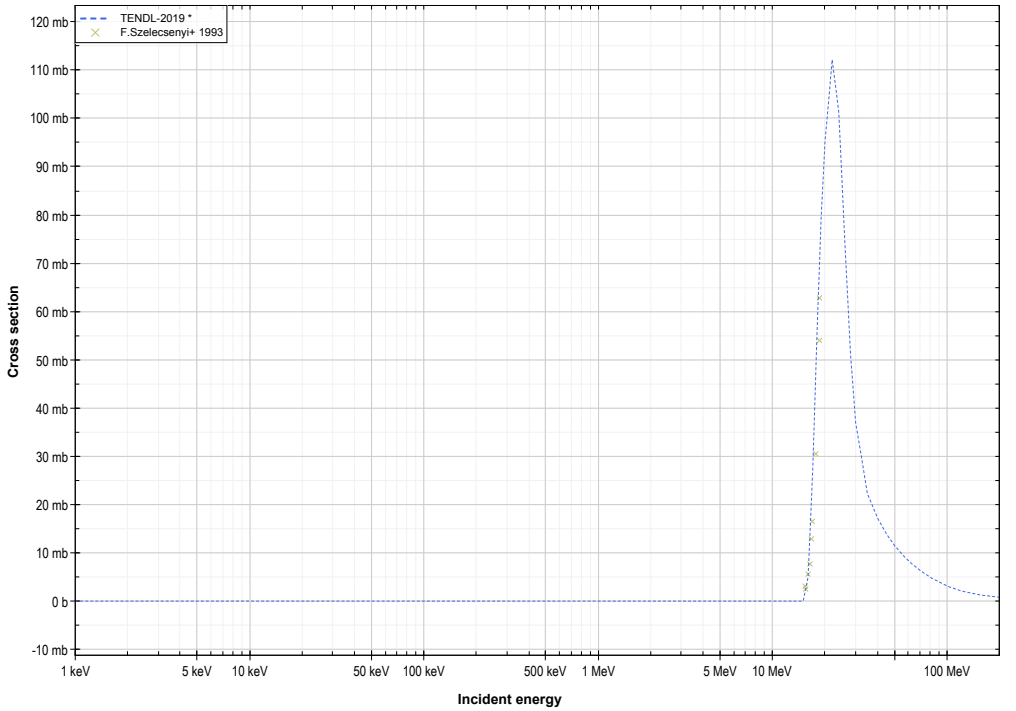
Reaction	Q-Value
Ni61(p,n)Cu61	-3020.15 keV

<< 26-Fe-58	**28-Ni-61**	28-Ni-62 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Cu60 production)**	MT102 (p,γ) >>

Ni61 (p,2n) or Cu60 production log-log



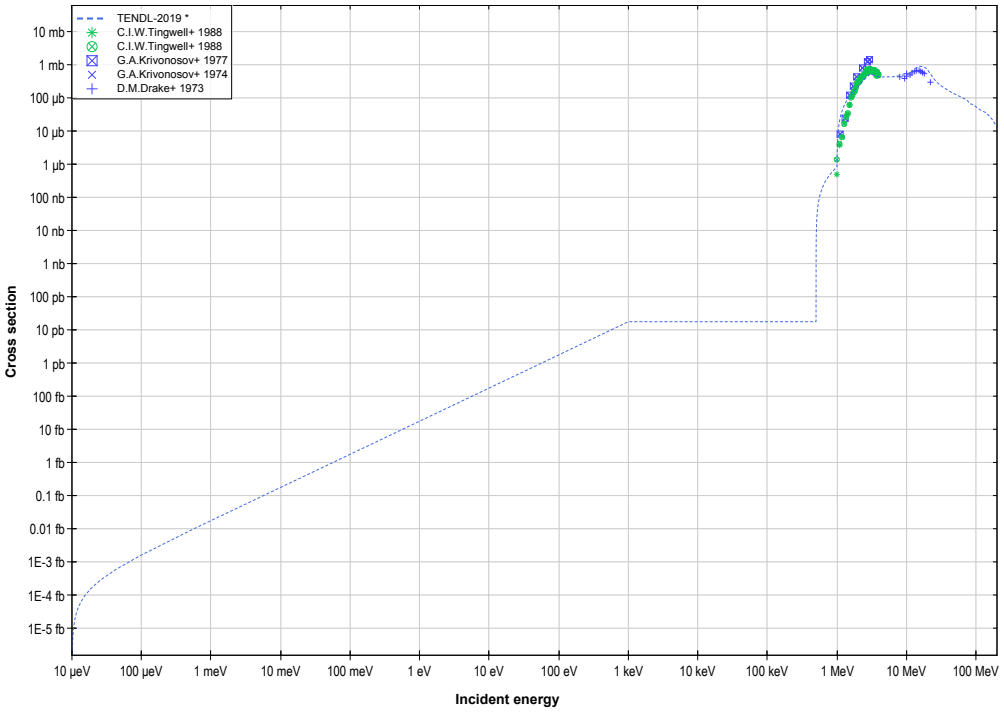
Ni61 (p,2n) or Cu60 production lin-log



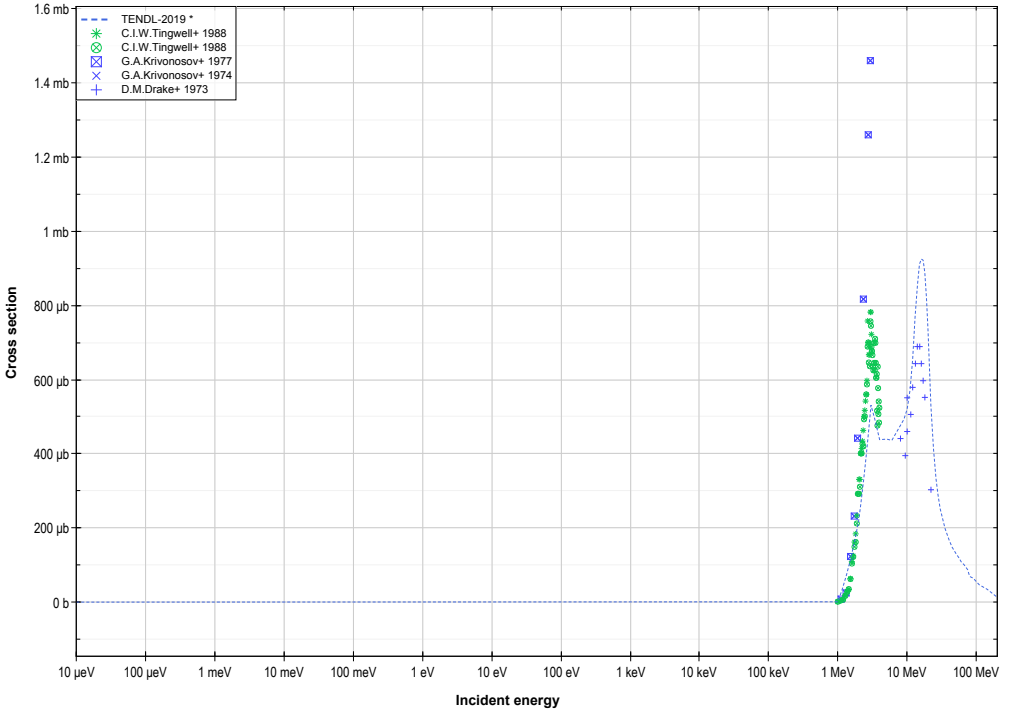
Reaction	Q-Value
Ni61(p,2n)Cu60	-14730.46 keV

<< 28-Ni-60	**28-Ni-61**	28-Ni-62 >>
<< MT16 (p,2n)	**MT102 (p,γ) or MT5 (Cu62 production)**	MT107 (p,α) >>

Ni61 (p,γ) or Cu62 production log-log



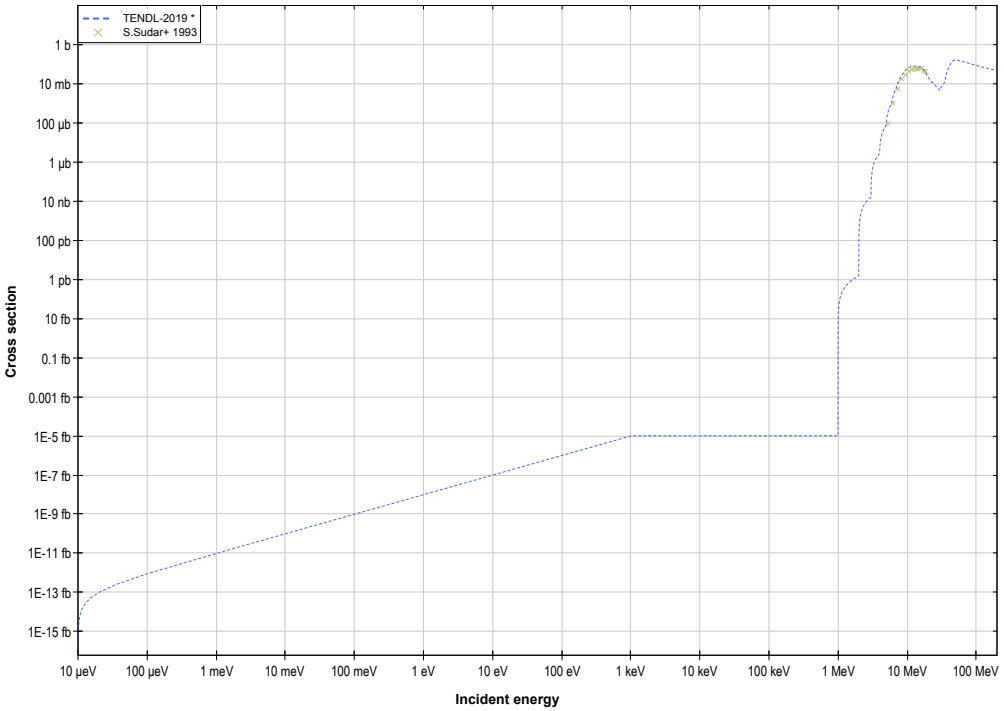
Ni61 (p,γ) or Cu62 production lin-log



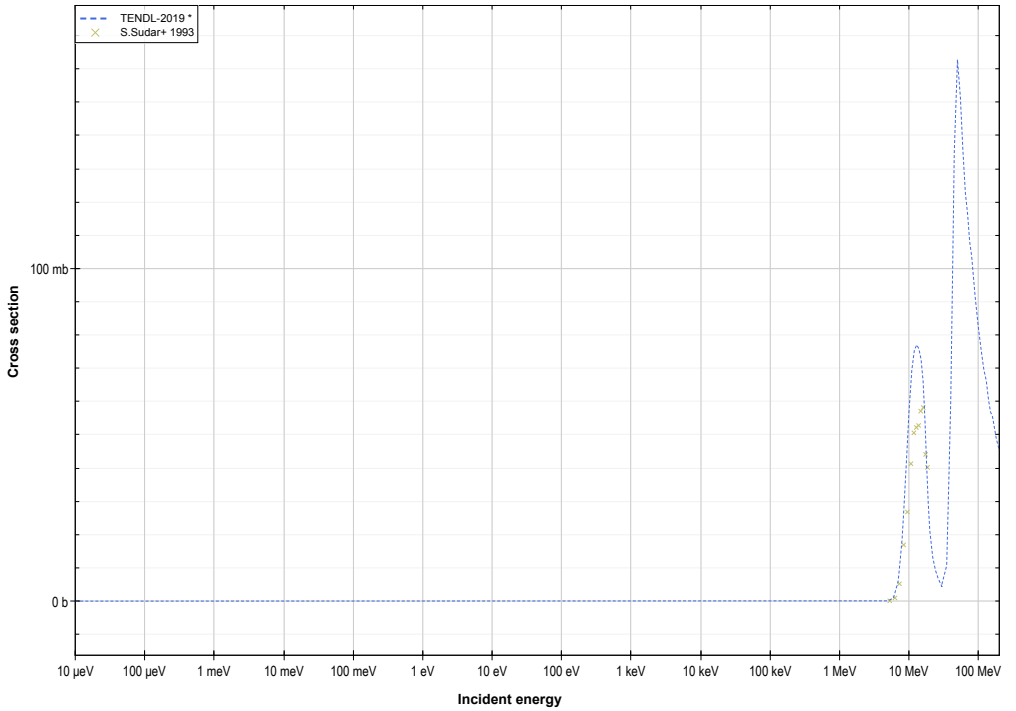
Reaction	Q-Value
Ni61(p,γ)Cu62	5854.47 keV

<< 28-Ni-60	**28-Ni-61**	28-Ni-64 >>
<< MT102 (p,γ)	**MT107 (p,α) or MT5 (Co58 production)**	28-Ni-62 MT4 (p,n) >>

Ni61 (p,α) or Co58 production log-log



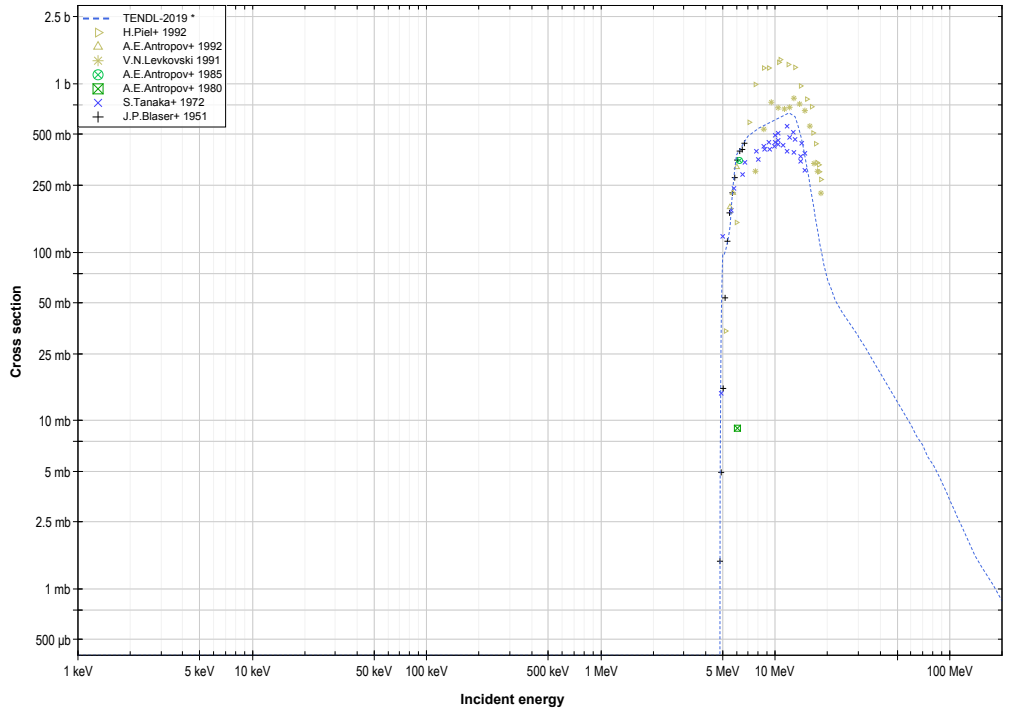
Ni61 (p,α) or Co58 production lin-log



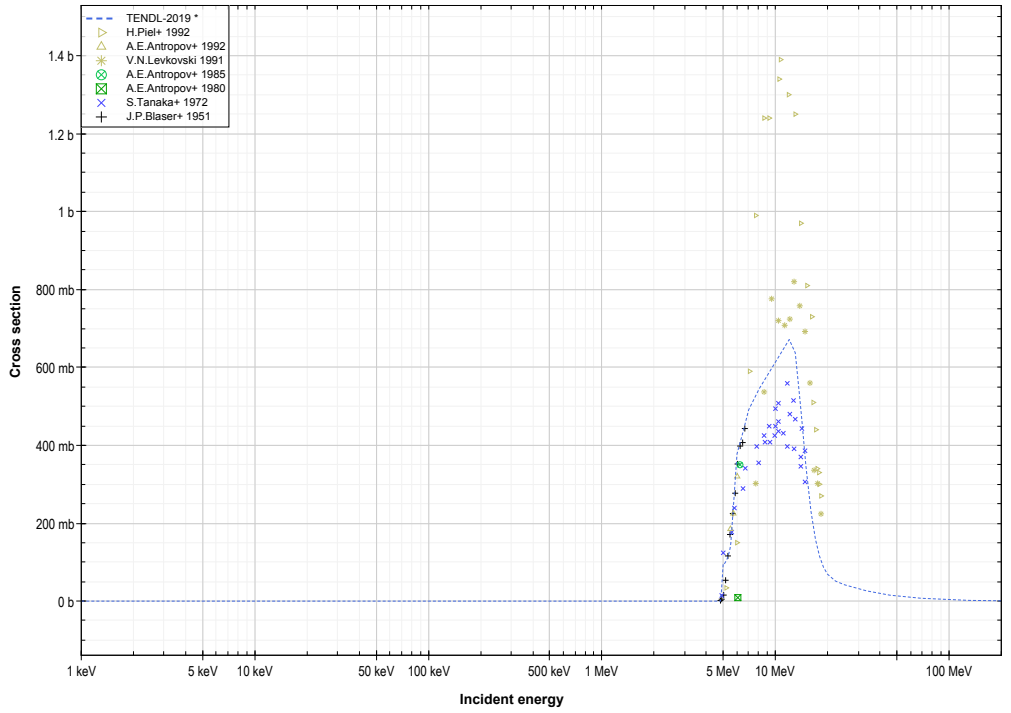
Reaction	Q-Value
Ni61(p,α)Co58	489.36 keV
Ni61(p,p+t)Co58	-19324.51 keV
Ni61(p,n+He3)Co58	-20088.26 keV
Ni61(p,2d)Co58	-23357.17 keV
Ni61(p,n+p+d)Co58	-25581.74 keV
Ni61(p,2n+2p)Co58	-27806.30 keV

<< 28-Ni-61	**28-Ni-62**	28-Ni-64 >>
<< 28-Ni-61 MT107 (p,α)	**MT4 (p,n) or MT5 (Cu62 production)**	MT16 (p,2n) >>

Ni62 (p,n) or Cu62 production log-log



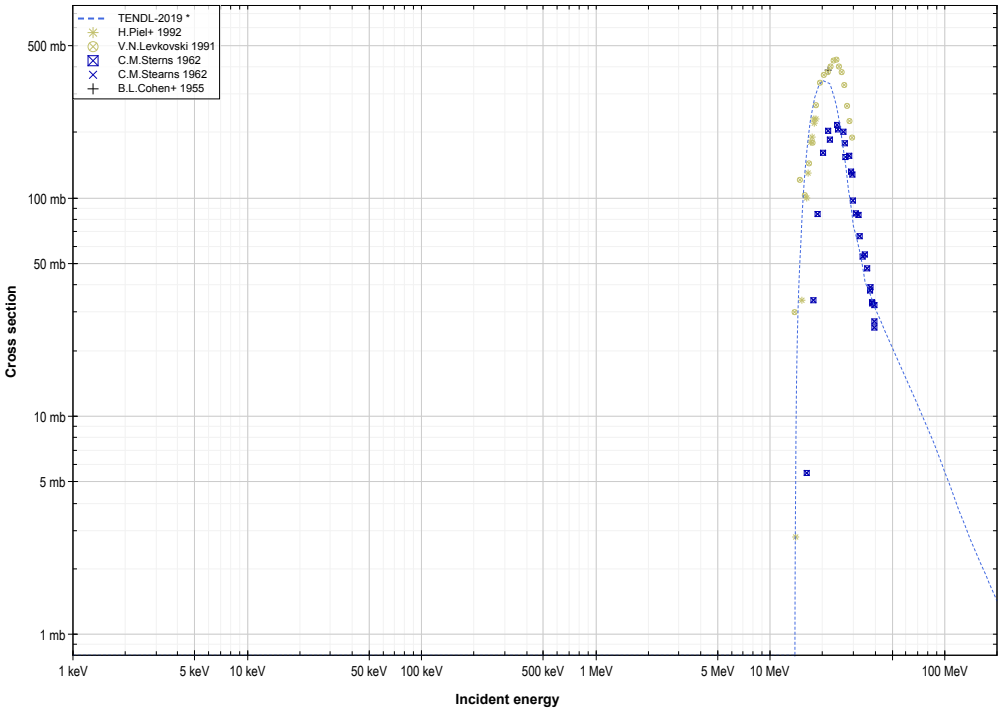
Ni62 (p,n) or Cu62 production lin-log



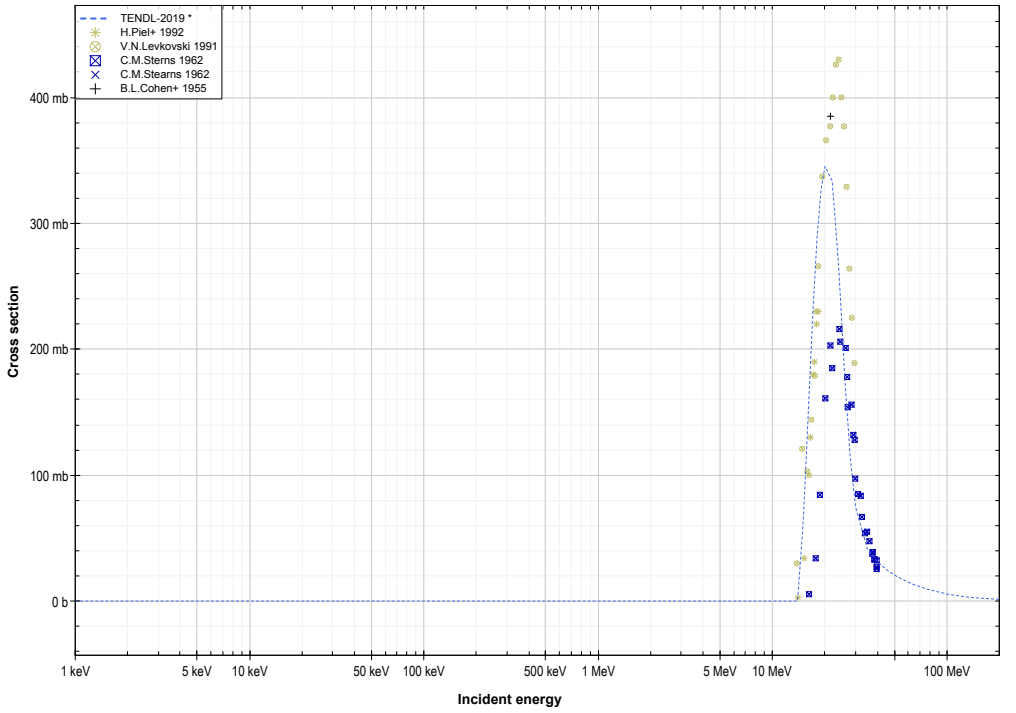
Reaction	Q-Value
Ni62(p,n)Cu62	-4741.25 keV

<< 28-Ni-61	**28-Ni-62**	29-Cu-63 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Cu61 production)**	MT17 (p,3n) >>

Ni62 (p,2n) or Cu61 production log-log



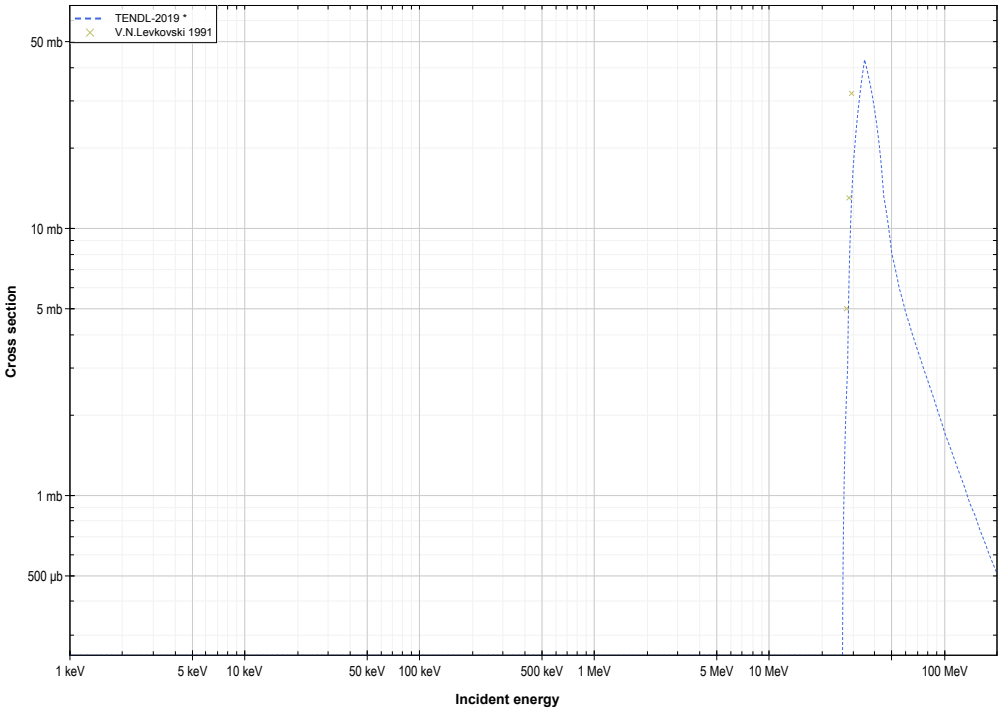
Ni62 (p,2n) or Cu61 production lin-log



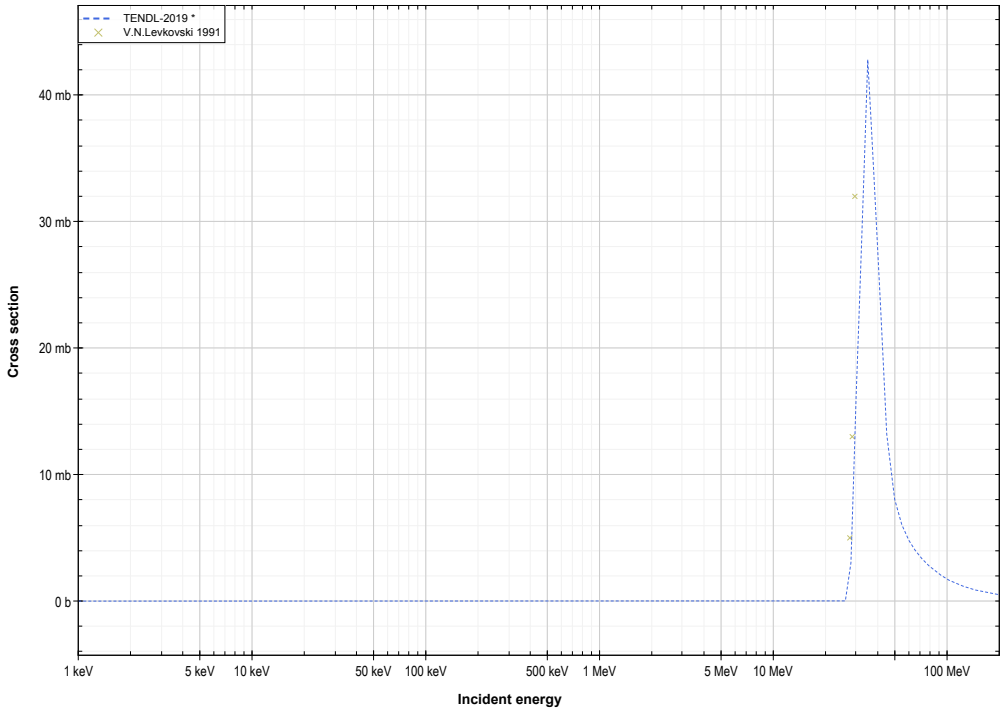
Reaction	Q-Value
Ni62(p,2n)Cu61	-13615.86 keV

<< 27-Co-59	**28-Ni-62**	29-Cu-63 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Cu60 production)**	MT22 (p,n+α) >>

Ni62 (p,3n) or Cu60 production log-log



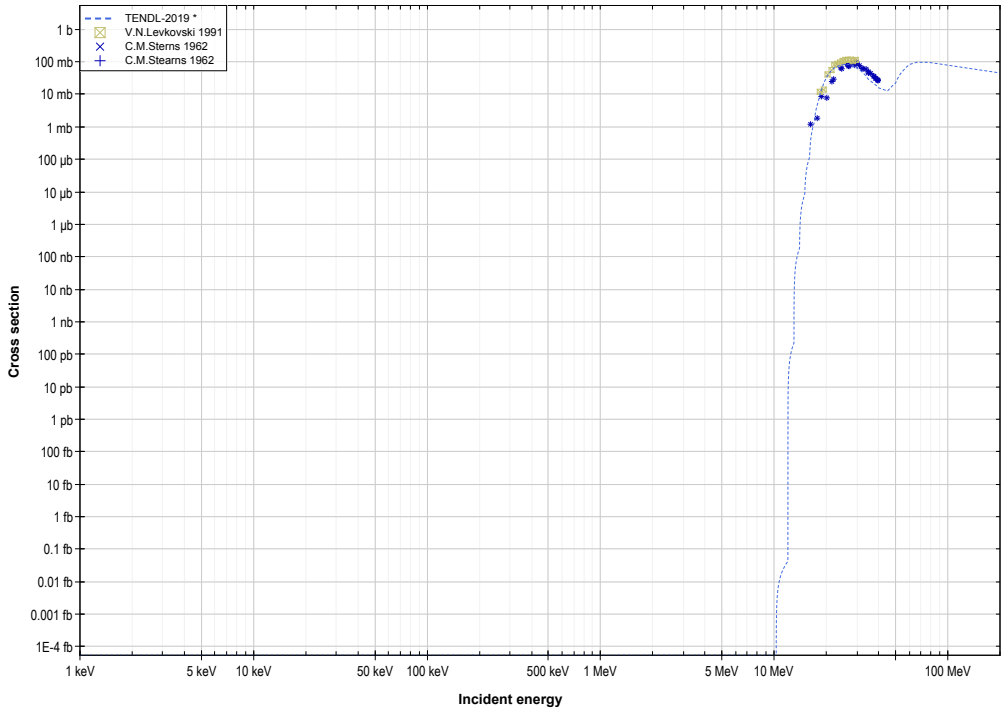
Ni62 (p,3n) or Cu60 production lin-log



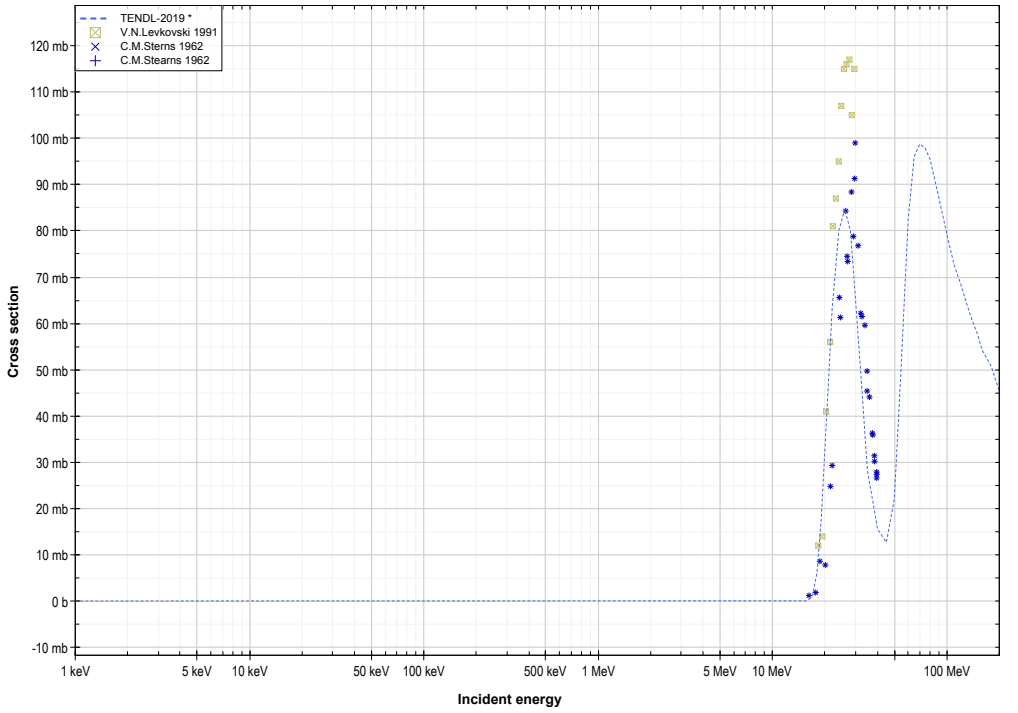
Reaction	Q-Value
Ni62(p,3n)Cu60	-25326.18 keV

<< 28-Ni-60	**28-Ni-62**	28-Ni-64 >>
<< MT17 (p,3n)	**MT22 (p,n+α) or MT5 (Co58 production)**	MT24 (p,2n+α) >>

Ni62 (p,n+α) or Co58 production log-log



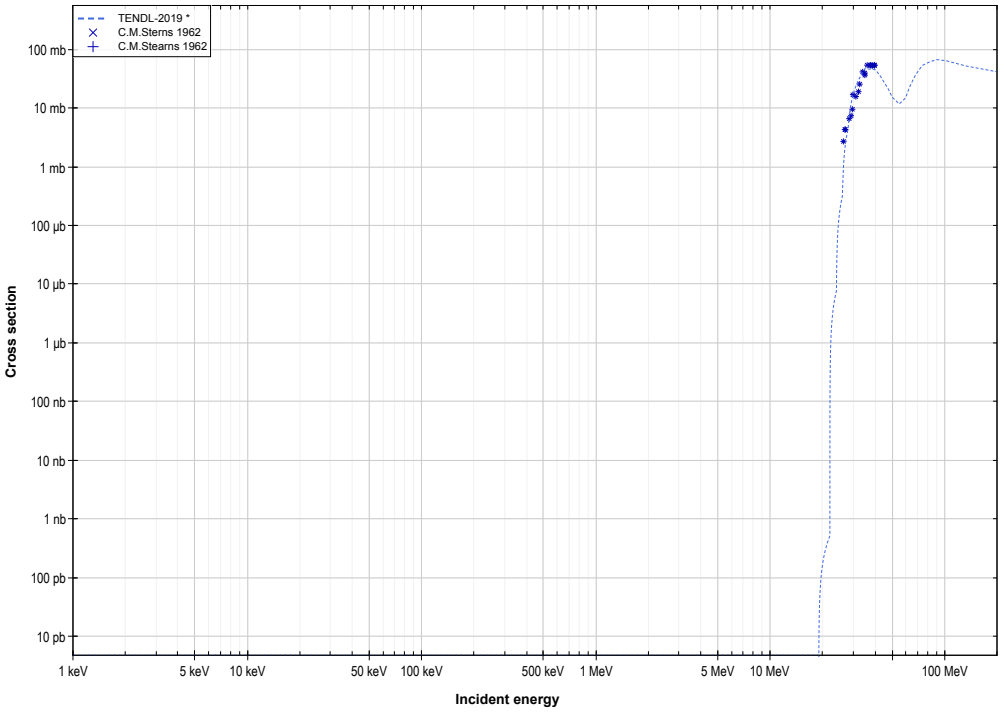
Ni62 (p,n+α) or Co58 production lin-log



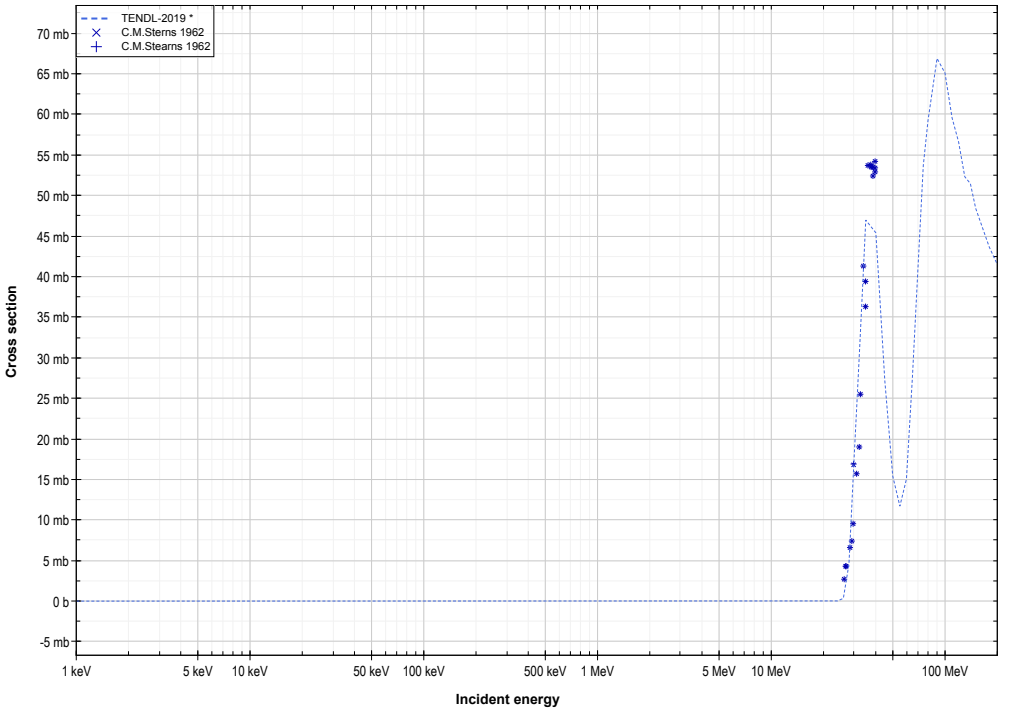
Reaction	Q-Value
Ni62(p,n+α)Co58	-10106.36 keV
Ni62(p,d+t)Co58	-27695.66 keV
Ni62(p,n+p+t)Co58	-29920.23 keV
Ni62(p,2n+He3)Co58	-30683.98 keV
Ni62(p,n+2d)Co58	-33952.89 keV
Ni62(p,2n+p+d)Co58	-36177.46 keV
Ni62(p,3n+2p)Co58	-38402.02 keV

<< 9-F-19	**28-Ni-62**	34-Se-76 >>
<< MT22 (p,n+α)	**MT24 (p,2n+α) or MT5 (Co57 production)**	MT102 (p,γ) >>

Ni62 (p,2n+α) or Co57 production log-log



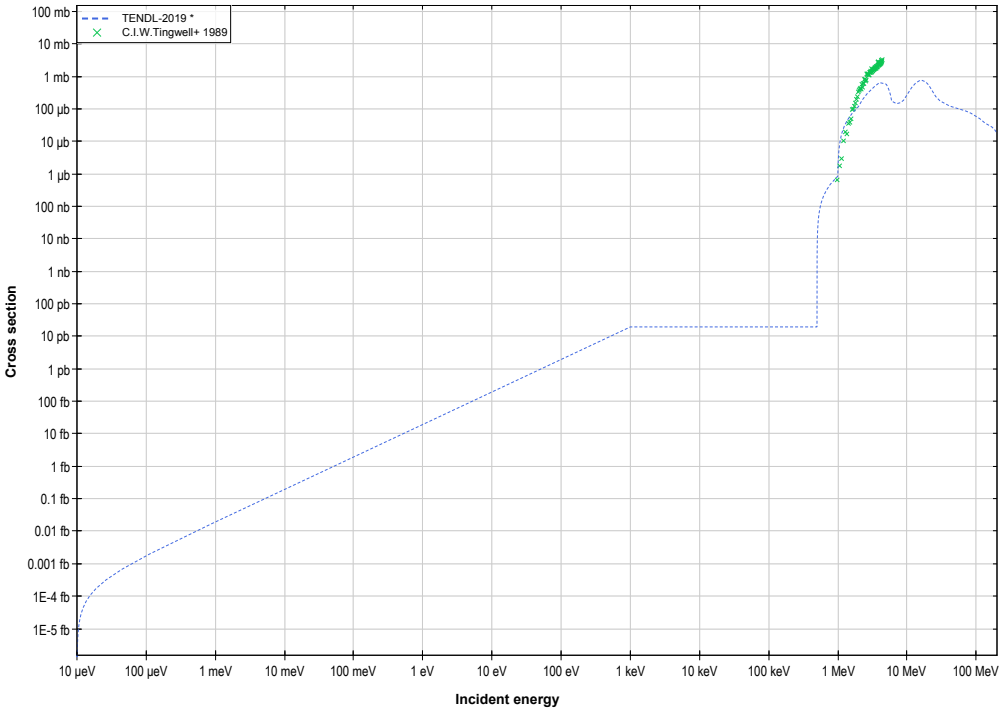
Ni62 (p,2n+α) or Co57 production lin-log



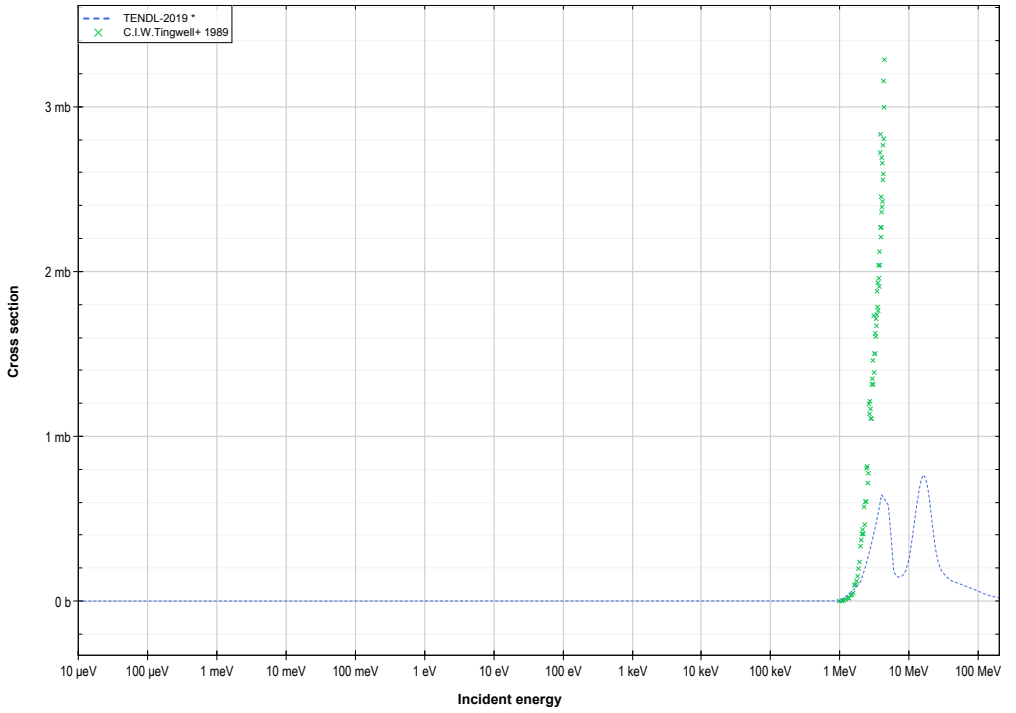
Reaction	Q-Value
Ni62(p,2n+α)Co57	-18679.28 keV
Ni62(p,2t)Co57	-30011.35 keV
Ni62(p,n+d+t)Co57	-36268.58 keV
Ni62(p,2n+p+t)Co57	-38493.14 keV
Ni62(p,3n+He3)Co57	-39256.90 keV
Ni62(p,2n+2d)Co57	-42525.81 keV
Ni62(p,3n+p+d)Co57	-44750.37 keV
Ni62(p,4n+2p)Co57	-46974.94 keV

<< 28-Ni-61	**28-Ni-62**	28-Ni-64 >>
<< MT24 (p,2n+α)	**MT102 (p,γ) or MT5 (Cu63 production)**	MT103 (p,p) >>

Ni62 (p,γ) or Cu63 production log-log



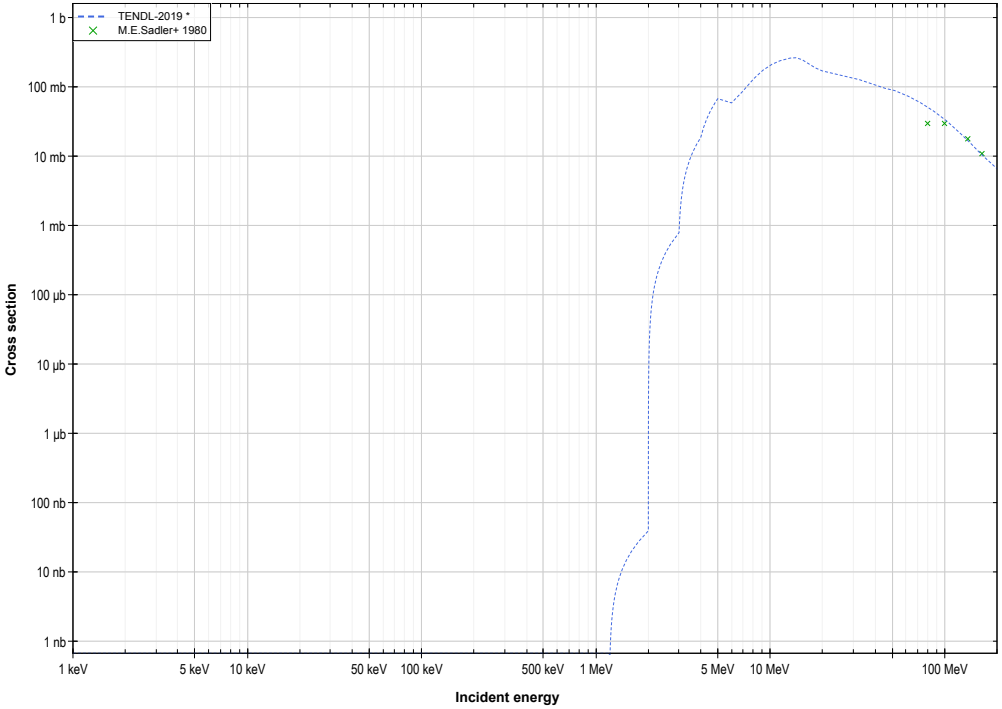
Ni62 (p,γ) or Cu63 production lin-log



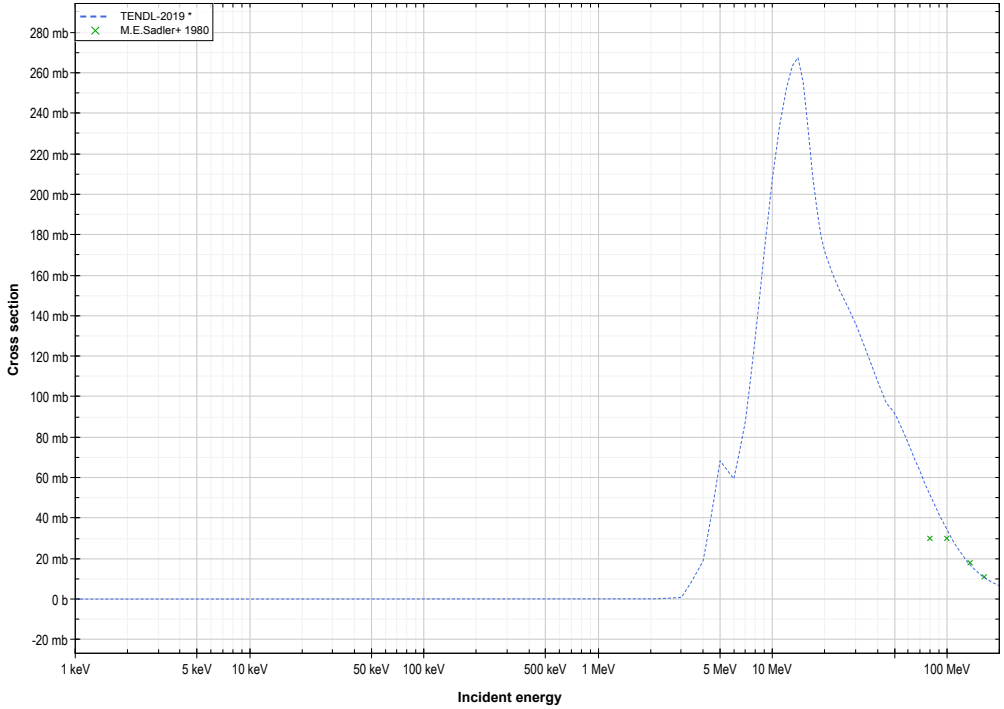
Reaction	Q-Value
Ni62(p,γ)Cu63	6122.47 keV

<< 28-Ni-60	**28-Ni-62**	28-Ni-64 >>
<< MT102 (p,γ)	**MT103 (p,p) or MT5 (Ni62 production)**	MT111 (p,2p) >>

Ni62 (p,p) or Ni62 production log-log



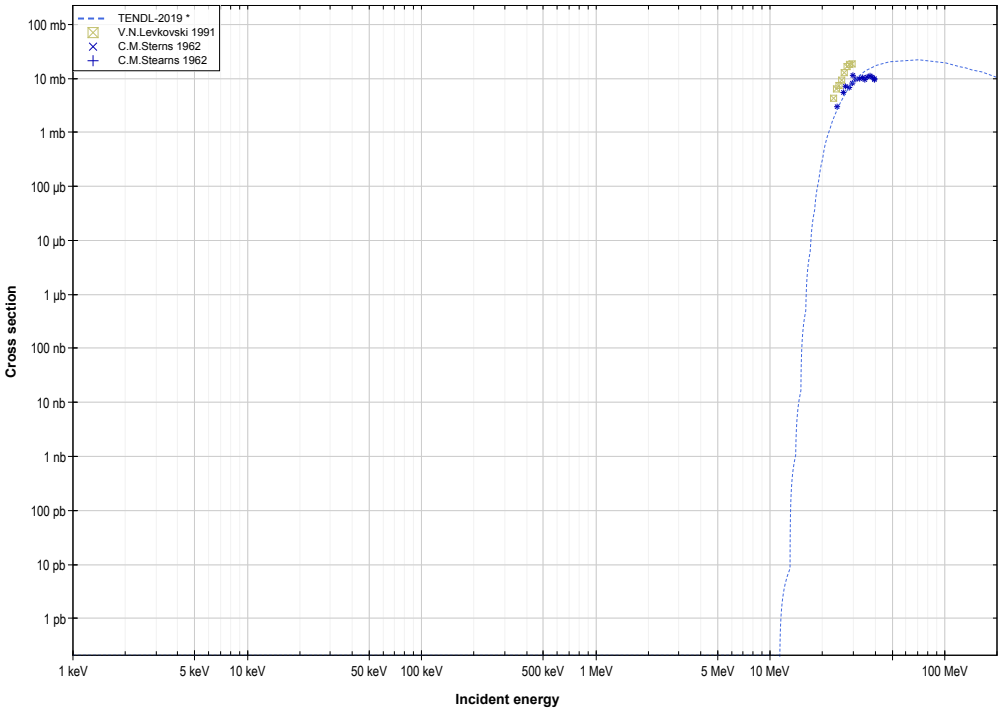
Ni62 (p,p) or Ni62 production lin-log



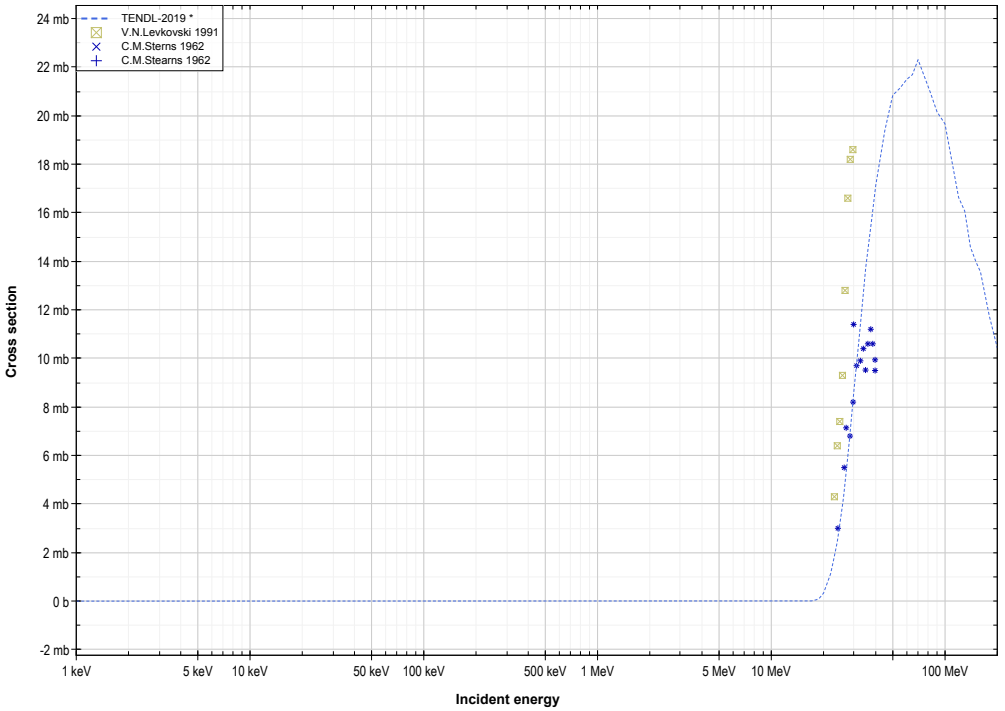
Reaction	Q-Value
Ni62(p,p)Ni62	0.00 keV

<< 28-Ni-58	**28-Ni-62**	30-Zn-68 >>
<< MT103 (p,p)	**MT111 (p,2p) or MT5 (Co61 production)**	MT176 (p,2n+^{3}He) >>

Ni62 (p,2p) or Co61 production log-log



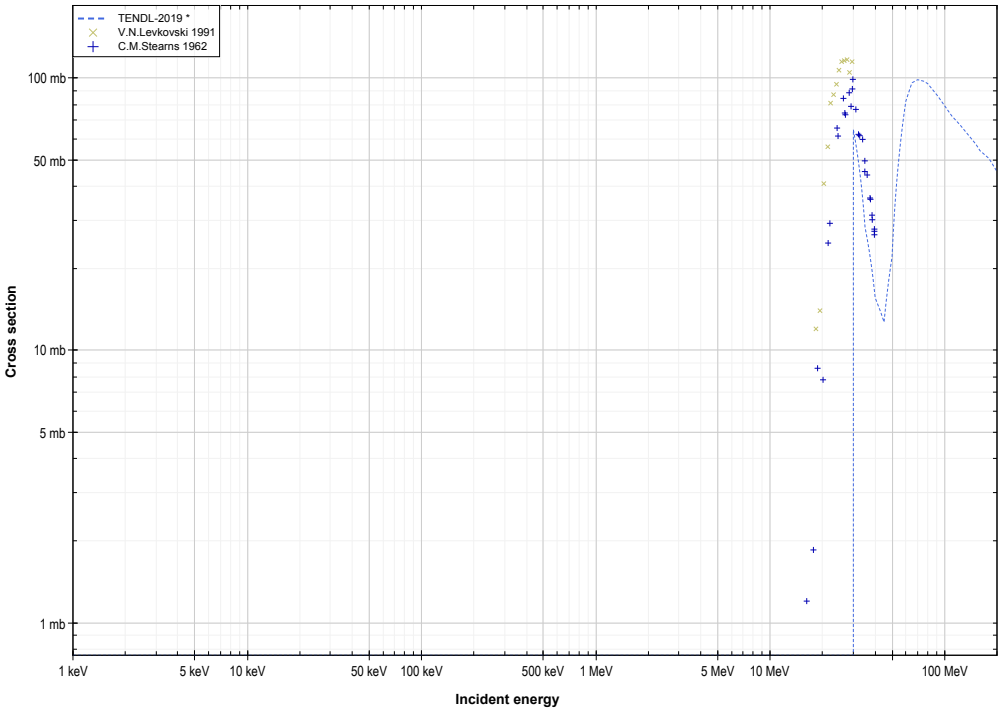
Ni62 (p,2p) or Co61 production lin-log



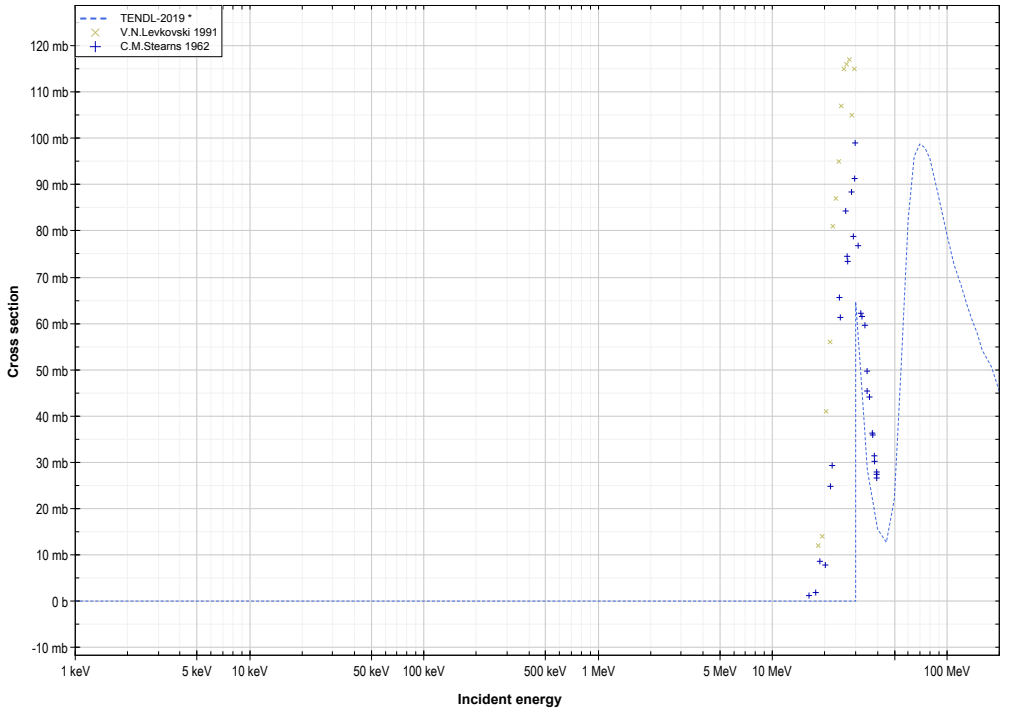
Reaction	Q-Value
Ni62(p,2p)Co61	-11137.17 keV

<< 28-Ni-60	**28-Ni-62**	28-Ni-64 >>
<< MT111 (p,2p)	**MT176 (p,2n+^{3}He) or MT5 (Co58 production)**	MT177 (p,3n+^{3}He) >>

Ni62 (p,2n+^{3}He) or Co58 production log-log



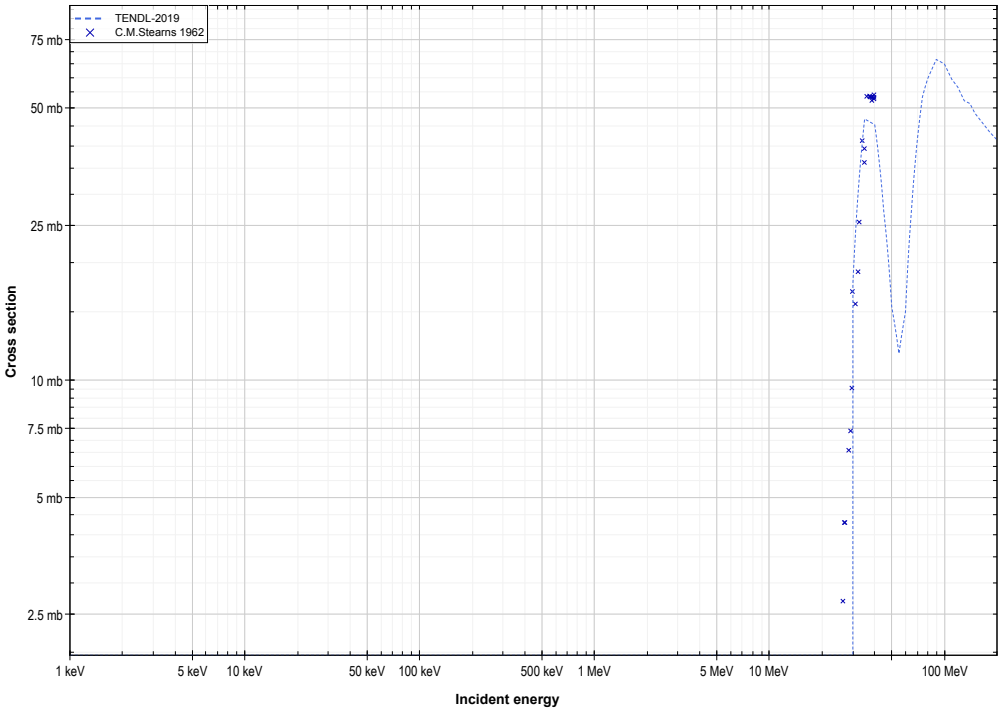
Ni62 (p,2n+^{3}He) or Co58 production lin-log



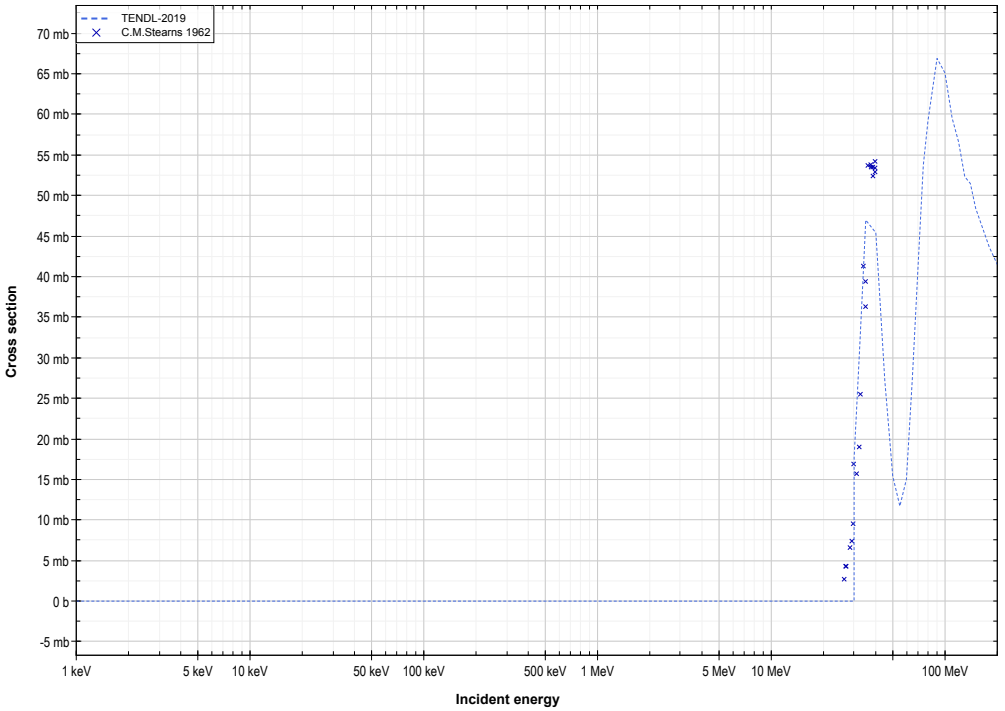
Reaction	Q-Value
Ni62(p,n+α)Co58	-10106.36 keV
Ni62(p,d+t)Co58	-27695.66 keV
Ni62(p,n+p+t)Co58	-29920.23 keV
Ni62(p,2n+He3)Co58	-30683.98 keV
Ni62(p,n+2d)Co58	-33952.89 keV
Ni62(p,2n+p+d)Co58	-36177.46 keV
Ni62(p,3n+2p)Co58	-38402.02 keV

<< 9-F-19	**28-Ni-62**	41-Nb-93 >>
<< MT176 (p,2n+^{3}He)	**MT177 (p,3n+^{3}He) or MT5 (Co57 production)**	MT179 (p,3n+2p) >>

Ni62 (p,3n+^{3}He) or Co57 production log-log



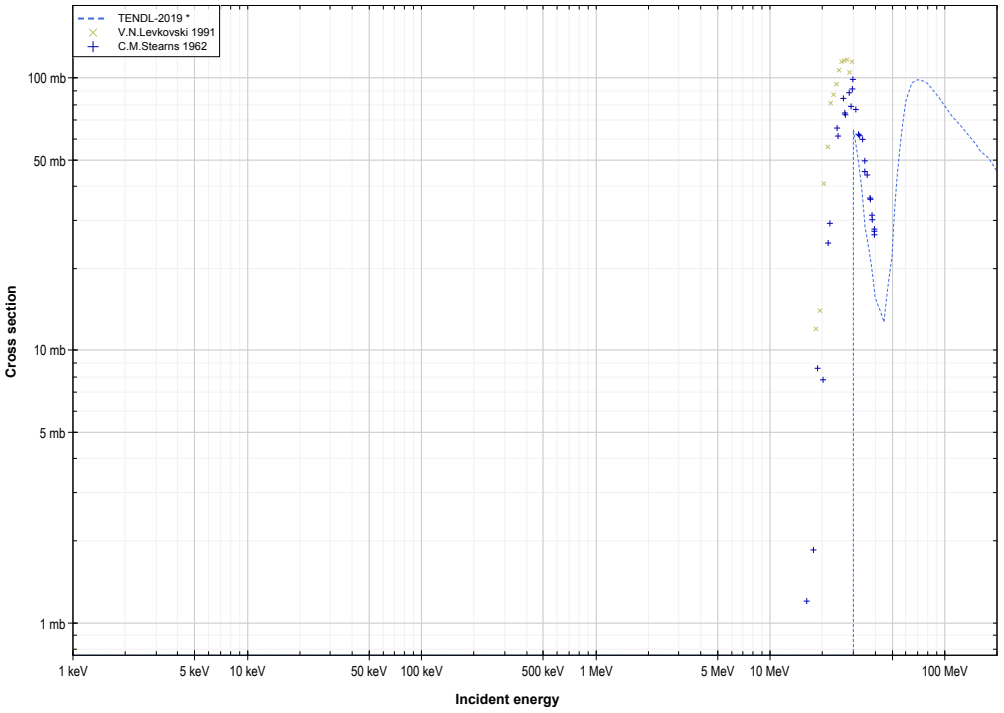
Ni62 (p,3n+^{3}He) or Co57 production lin-log



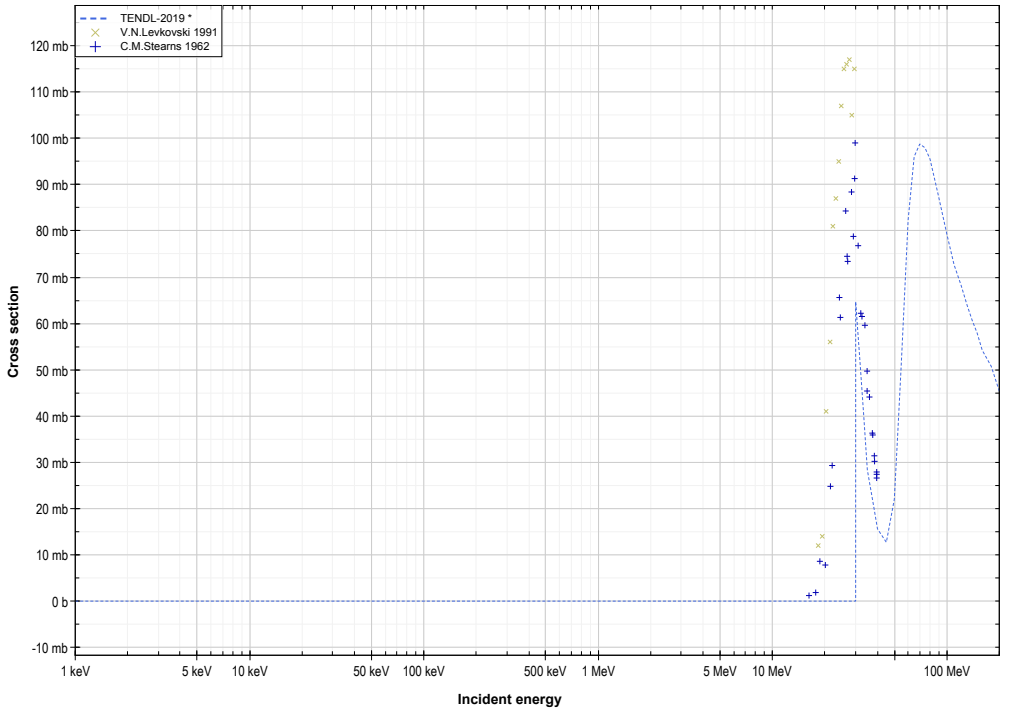
Reaction	Q-Value
Ni62(p,2n+α)Co57	-18679.28 keV
Ni62(p,2t)Co57	-30011.35 keV
Ni62(p,n+d+t)Co57	-36268.58 keV
Ni62(p,2n+p+t)Co57	-38493.14 keV
Ni62(p,3n+He3)Co57	-39256.90 keV
Ni62(p,2n+2d)Co57	-42525.81 keV
Ni62(p,3n+p+d)Co57	-44750.37 keV
Ni62(p,4n+2p)Co57	-46974.94 keV

<< 28-Ni-60	**28-Ni-62**	28-Ni-64 >>
<< MT177 (p,3n+^{3}He)	**MT179 (p,3n+2p) or MT5 (Co58 production)**	MT182 (p,d+t) >>

Ni62 (p,3n+2p) or Co58 production log-log



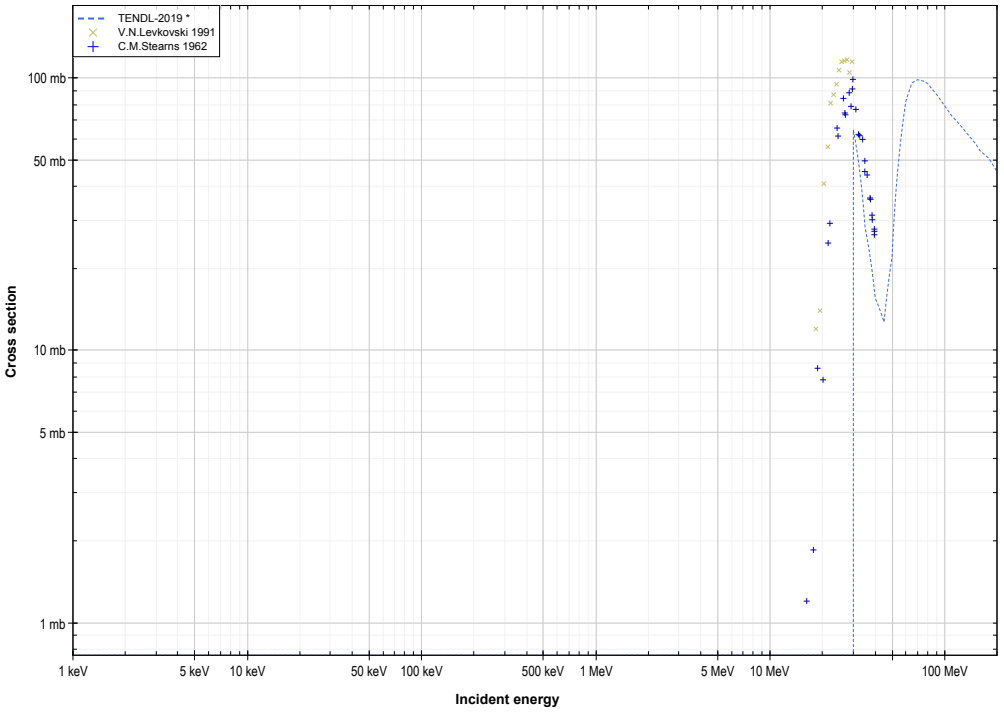
Ni62 (p,3n+2p) or Co58 production lin-log



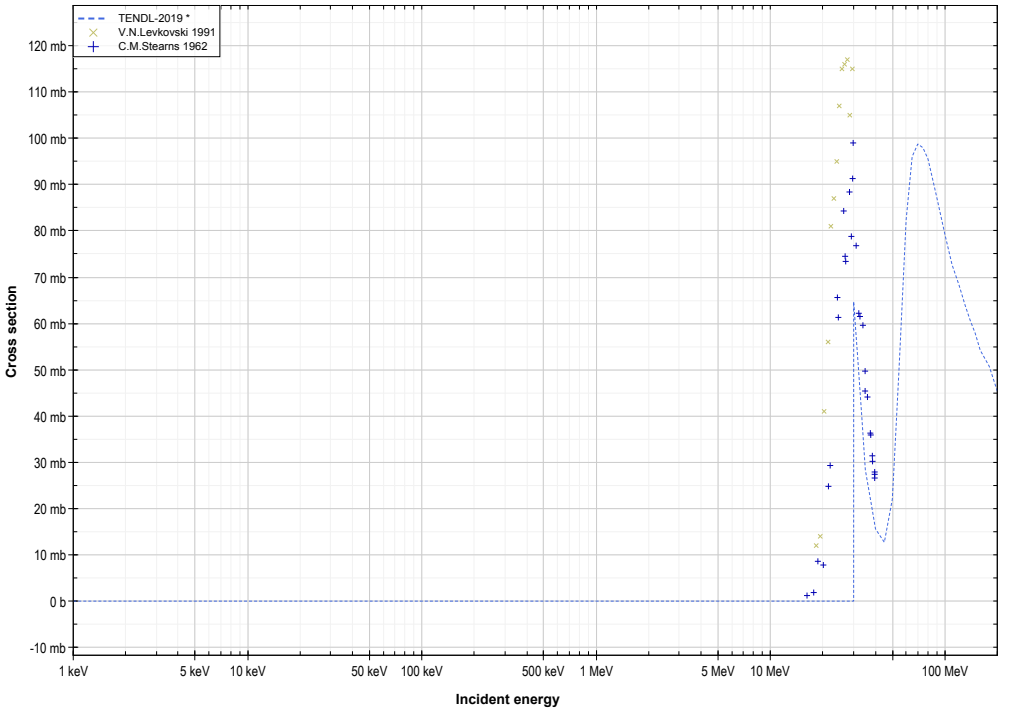
Reaction	Q-Value
Ni62(p,n+α)Co58	-10106.36 keV
Ni62(p,d+t)Co58	-27695.66 keV
Ni62(p,n+p+t)Co58	-29920.23 keV
Ni62(p,2n+He3)Co58	-30683.98 keV
Ni62(p,n+2d)Co58	-33952.89 keV
Ni62(p,2n+p+d)Co58	-36177.46 keV
Ni62(p,3n+2p)Co58	-38402.02 keV

<< 28-Ni-60	**28-Ni-62**	28-Ni-64 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Co58 production)**	MT184 (p,n+p+t) >>

Ni62 (p,d+t) or Co58 production log-log



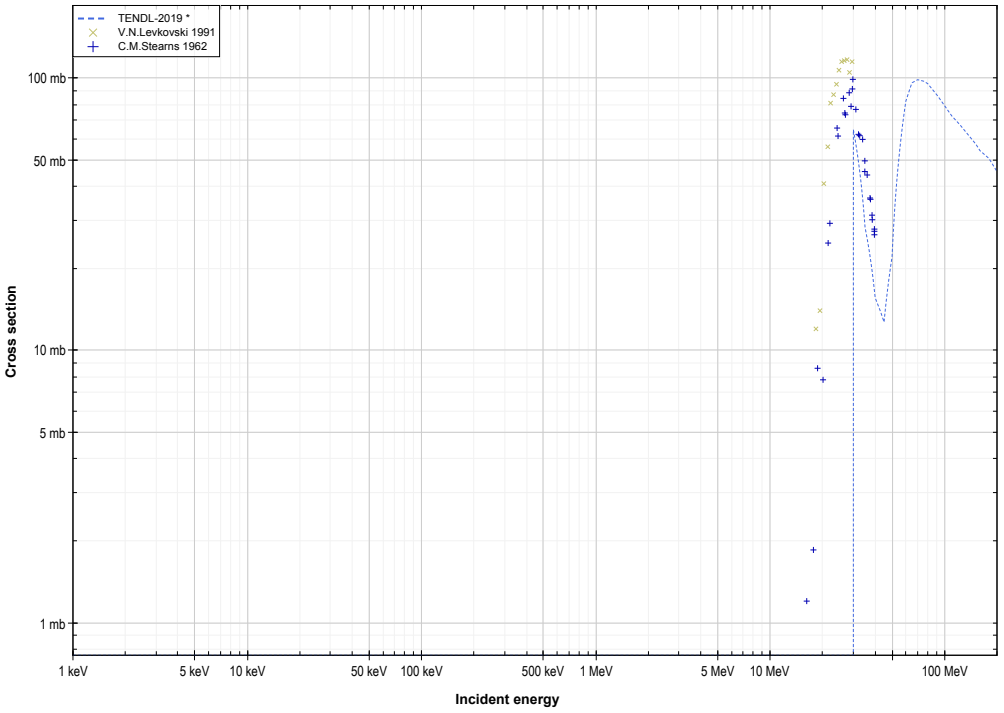
Ni62 (p,d+t) or Co58 production lin-log



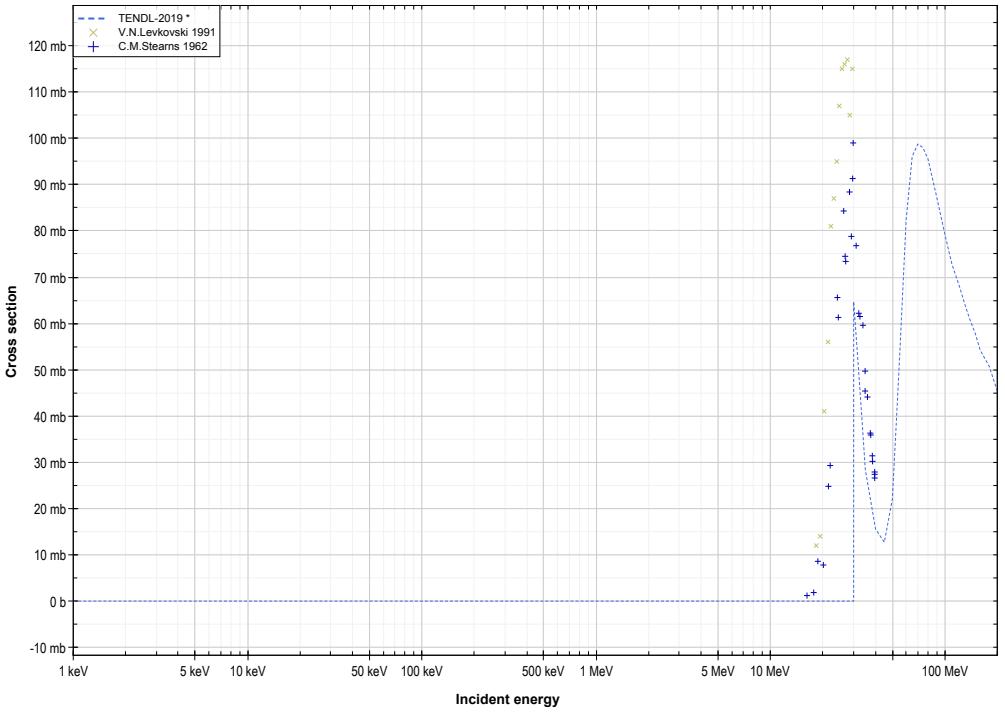
Reaction	Q-Value
Ni62(p,n+α)Co58	-10106.36 keV
Ni62(p,d+t)Co58	-27695.66 keV
Ni62(p,n+p+t)Co58	-29920.23 keV
Ni62(p,2n+He3)Co58	-30683.98 keV
Ni62(p,n+2d)Co58	-33952.89 keV
Ni62(p,2n+p+d)Co58	-36177.46 keV
Ni62(p,3n+2p)Co58	-38402.02 keV

<< 28-Ni-60	**28-Ni-62**	28-Ni-64 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Co58 production)**	MT185 (p,n+d+t) >>

Ni62 (p,n+p+t) or Co58 production log-log



Ni62 (p,n+p+t) or Co58 production lin-log



Reaction	Q-Value
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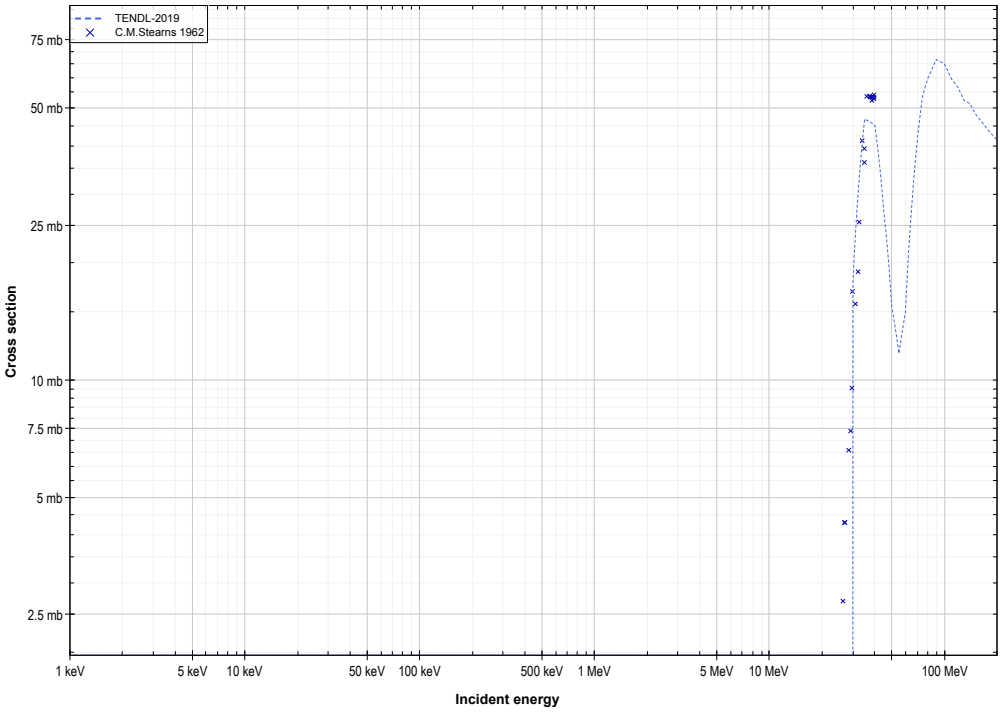
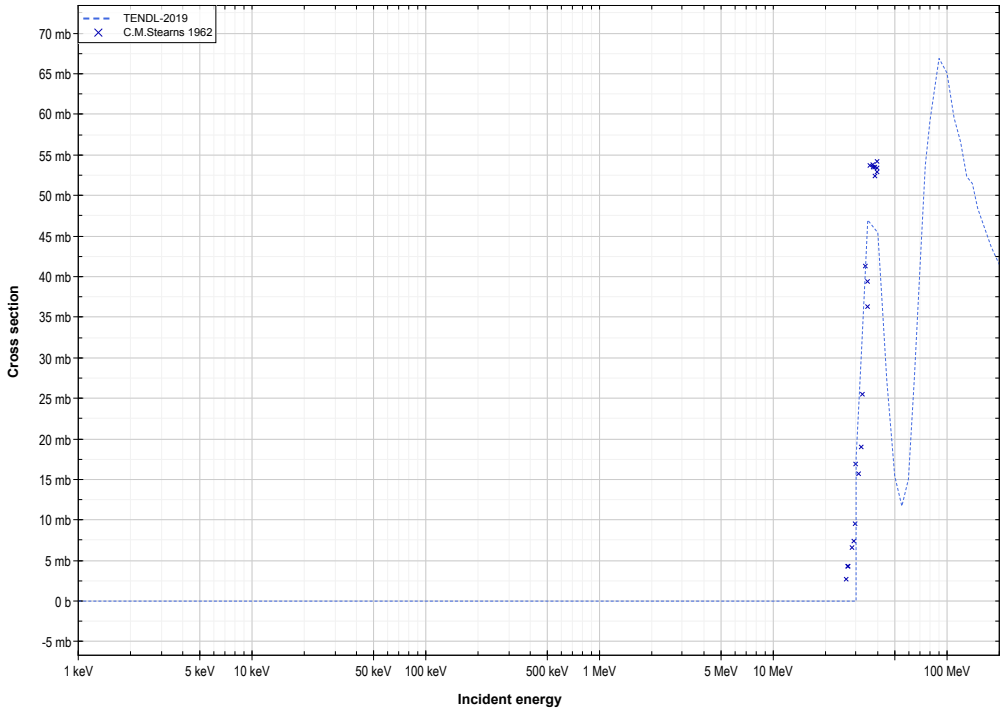
Ni62(p,3n+2p)Co58	-38402.02 keV

<< 9-F-19	**28-Ni-62**	41-Nb-93 >>
<< MT184 (p,n+p+t)	**MT185 (p,n+d+t) or MT5 (Co57 production)**	MT194 (p,4n+2p) >>

Ni62 (p,n+d+t) or Co57 production log-log



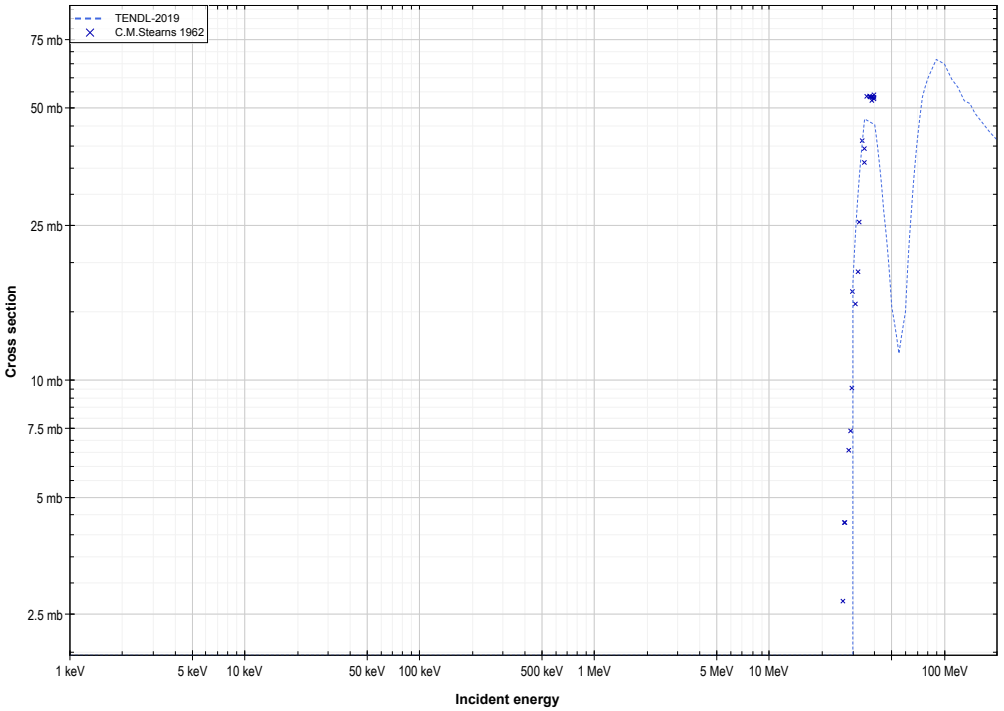
Ni62 (p,n+d+t) or Co57 production lin-log



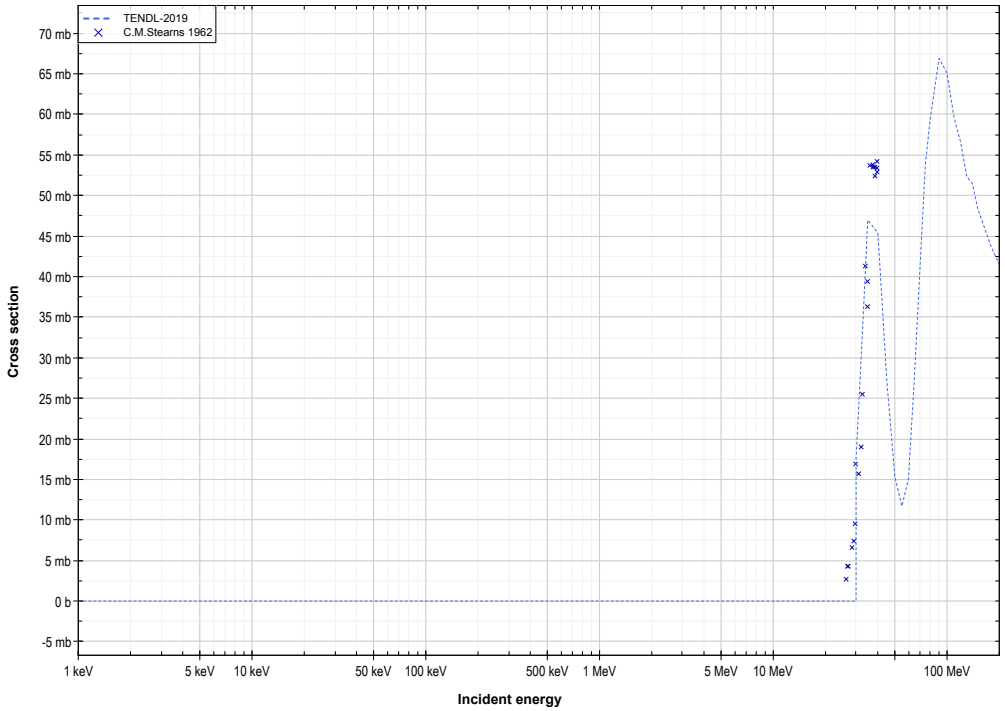
Reaction	Q-Value
Ni62(p,2n+α)Co57	-18679.28 keV
Ni62(p,2t)Co57	-30011.35 keV
Ni62(p,n+d+t)Co57	-36268.58 keV
Ni62(p,2n+p+t)Co57	-38493.14 keV
Ni62(p,3n+He3)Co57	-39256.90 keV
Ni62(p,2n+2d)Co57	-42525.81 keV
Ni62(p,3n+p+d)Co57	-44750.37 keV
Ni62(p,4n+2p)Co57	-46974.94 keV

<< 9-F-19	**28-Ni-62**	41-Nb-93 >>
<< MT185 (p,n+d+t)	**MT194 (p,4n+2p) or MT5 (Co57 production)**	28-Ni-64 MT4 (p,n) >>

Ni62 (p,4n+2p) or Co57 production log-log



Ni62 (p,4n+2p) or Co57 production lin-log



Reaction	Q-Value
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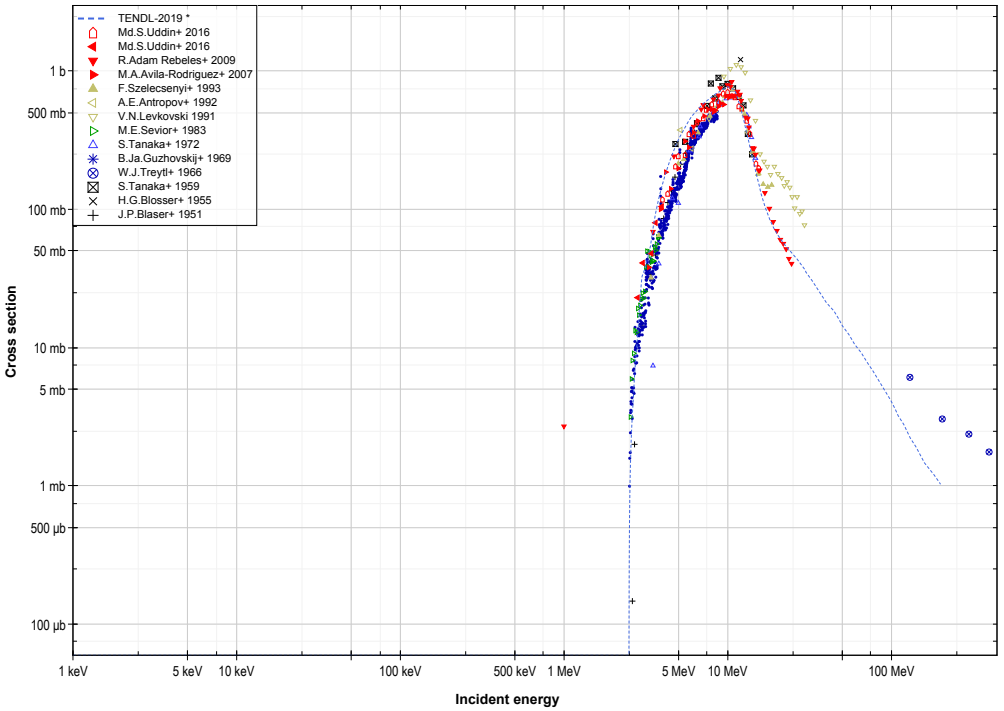
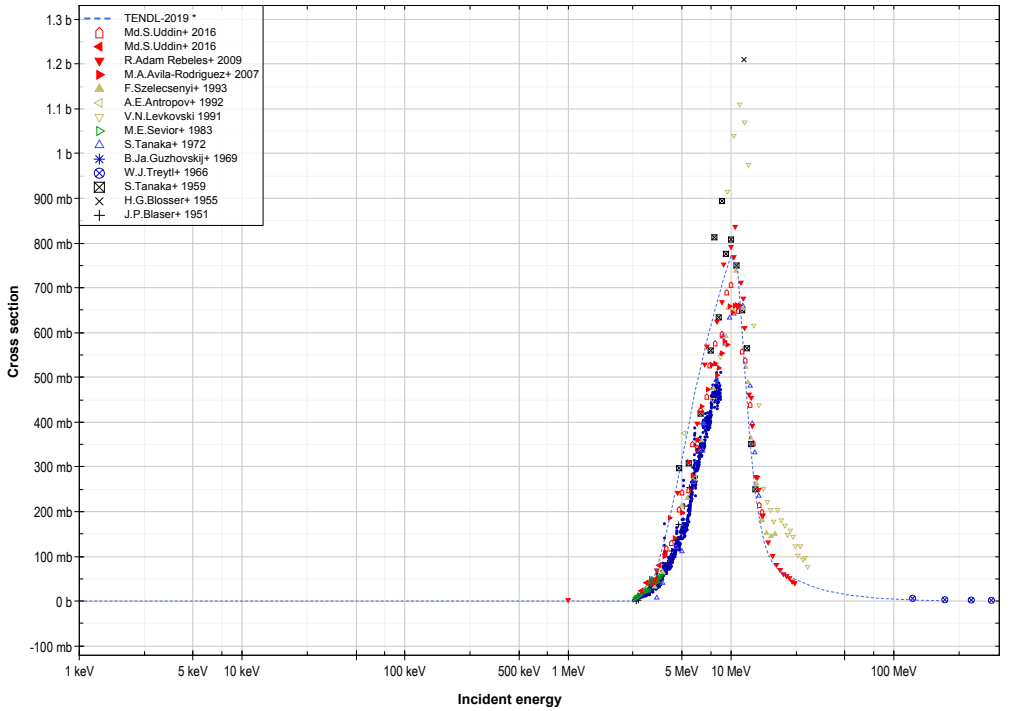
Ni62(p,3n+p+d)Co57	-44750.37 keV
Ni62(p,4n+2p)Co57	-46974.94 keV

<< 28-Ni-62	**28-Ni-64**	29-Cu-63 >>
<< 28-Ni-62 MT194 (p,4n+2p)	**MT4 (p,n) or MT5 (Cu64 production)**	MT22 (p,n+α) >>

Ni64 (p,n) or Cu64 production log-log



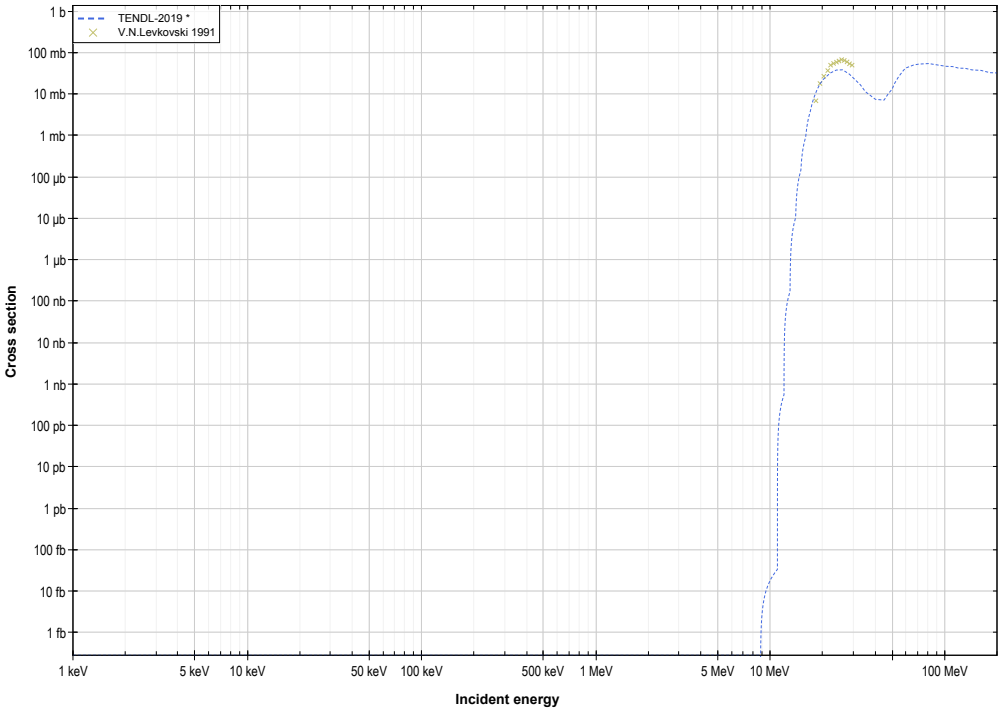
Ni64 (p,n) or Cu64 production lin-log



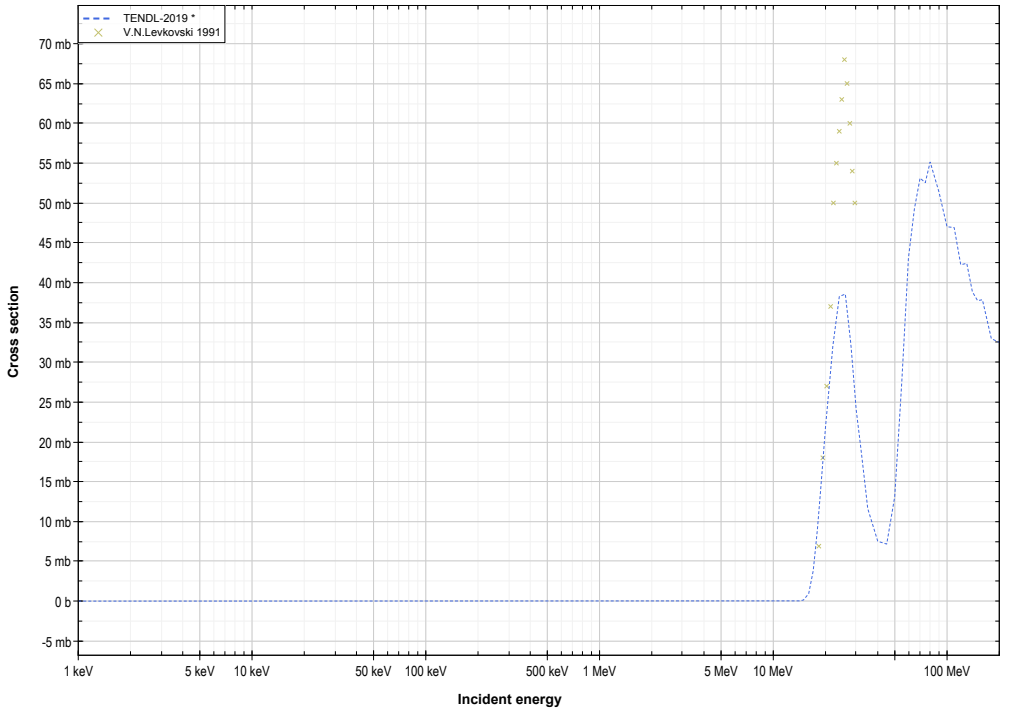
Reaction	Q-Value
Ni64(p,n)Cu64	-2456.75 keV

<< 28-Ni-62	**28-Ni-64**	30-Zn-64 >>
<< MT4 (p,n)	**MT22 (p,n+α) or MT5 (Co60 production)**	MT102 (p,γ) >>

Ni64 (p,n+α) or Co60 production log-log



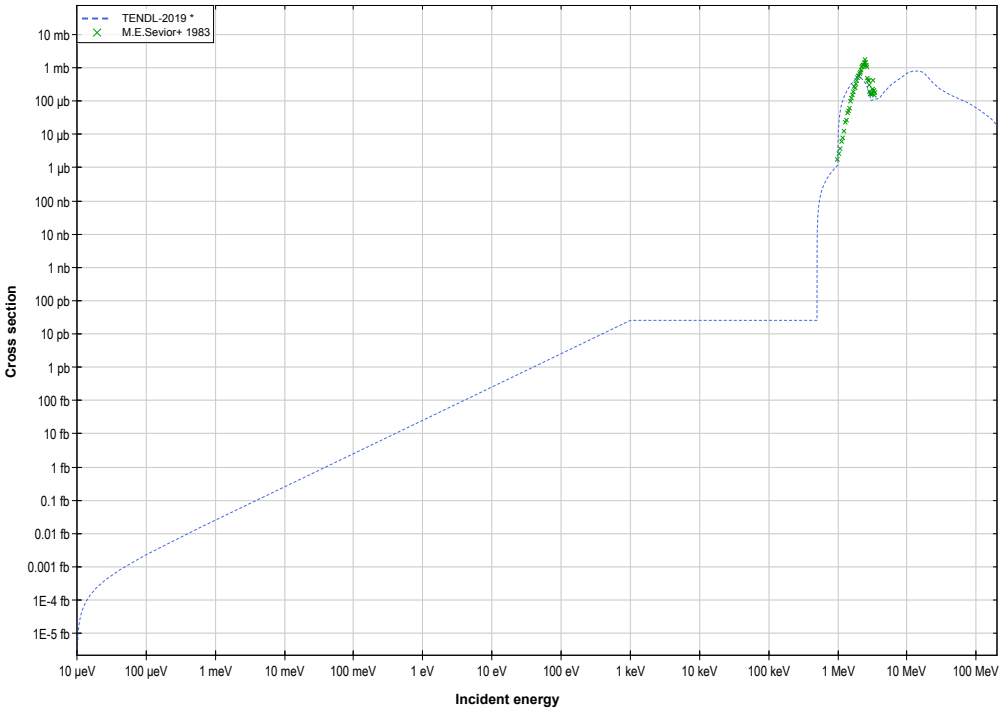
Ni64 (p,n+α) or Co60 production lin-log



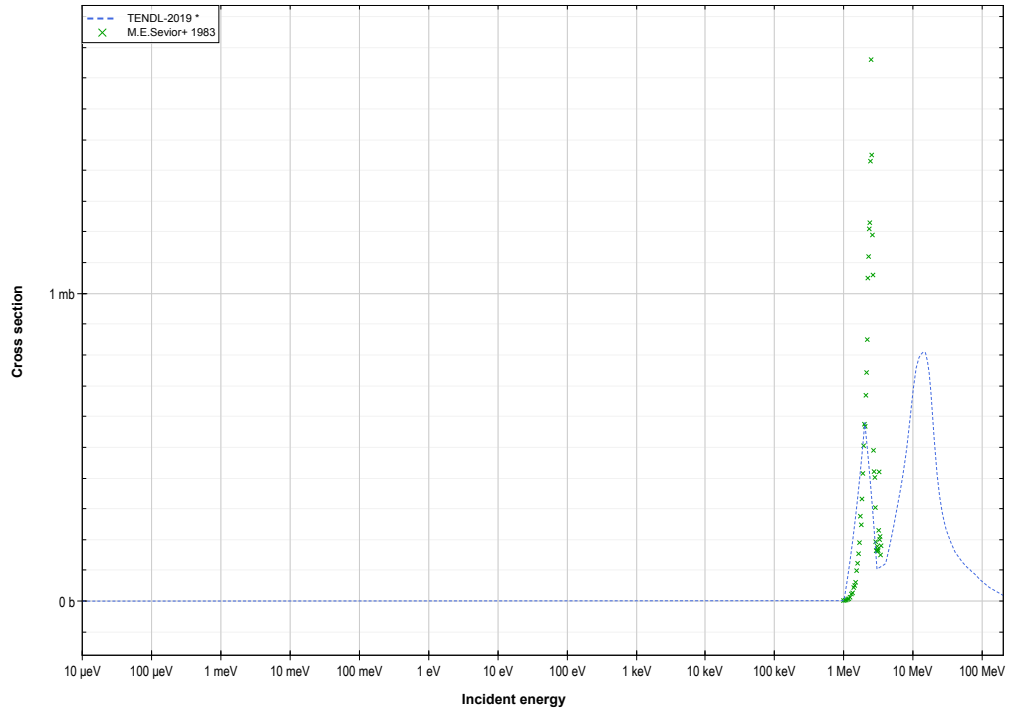
Reaction	Q-Value
Ni64(p,n+α)Co60	-8655.86 keV
Ni64(p,d+t)Co60	-26245.16 keV
Ni64(p,n+p+t)Co60	-28469.73 keV
Ni64(p,2n+He3)Co60	-29233.48 keV
Ni64(p,n+2d)Co60	-32502.39 keV
Ni64(p,2n+p+d)Co60	-34726.96 keV
Ni64(p,3n+2p)Co60	-36951.52 keV

<< 28-Ni-62	**28-Ni-64**	29-Cu-63 >>
<< MT22 (p,n+α)	**MT102 (p,γ) or MT5 (Cu65 production)**	MT103 (p,p) >>

Ni64 (p,γ) or Cu65 production log-log



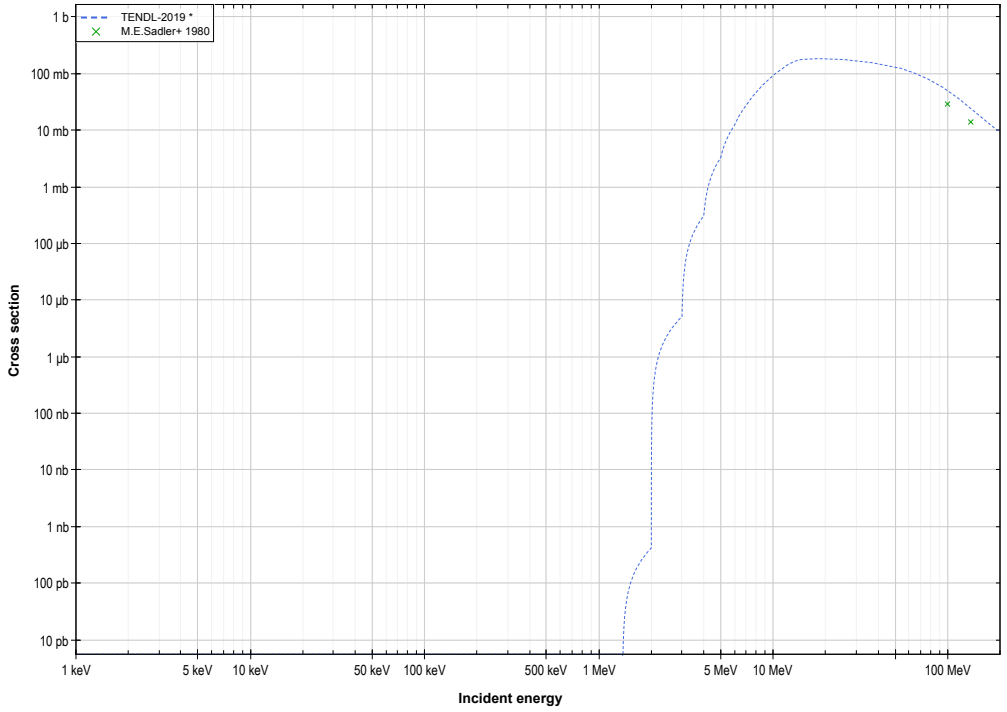
Ni64 (p,γ) or Cu65 production lin-log



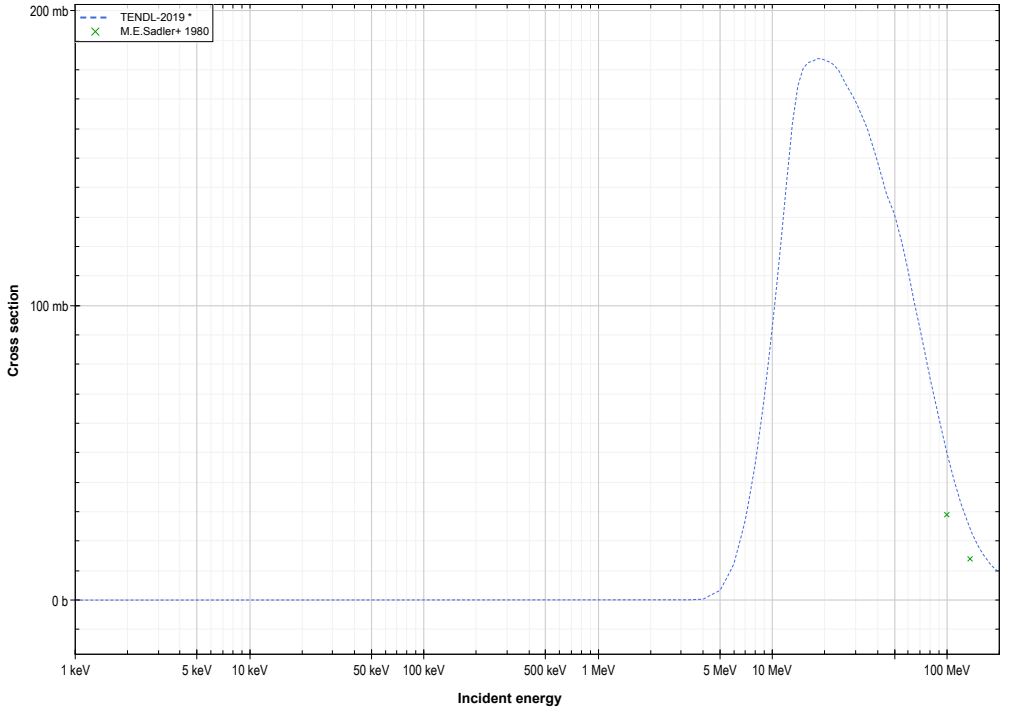
Reaction	Q-Value
Ni64(p,γ)Cu65	7453.77 keV

<< 28-Ni-62	**28-Ni-64**	29-Cu-63 >>
<< MT102 (p,γ)	**MT103 (p,p) or MT5 (Ni64 production)**	MT107 (p,α) >>

Ni64 (p,p) or Ni64 production log-log



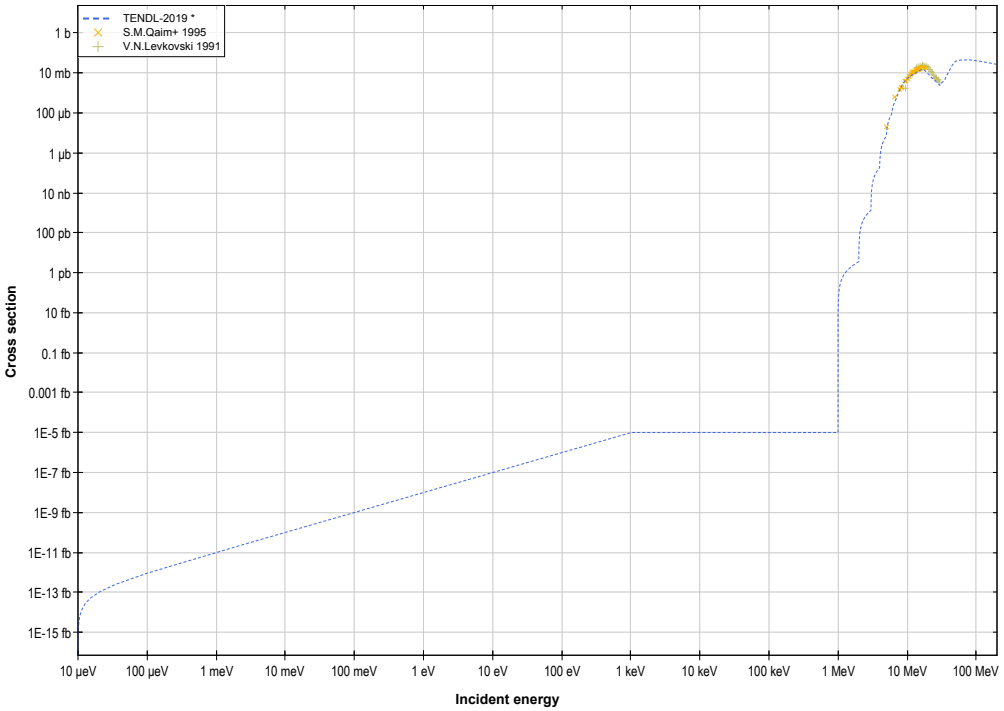
Ni64 (p,p) or Ni64 production lin-log



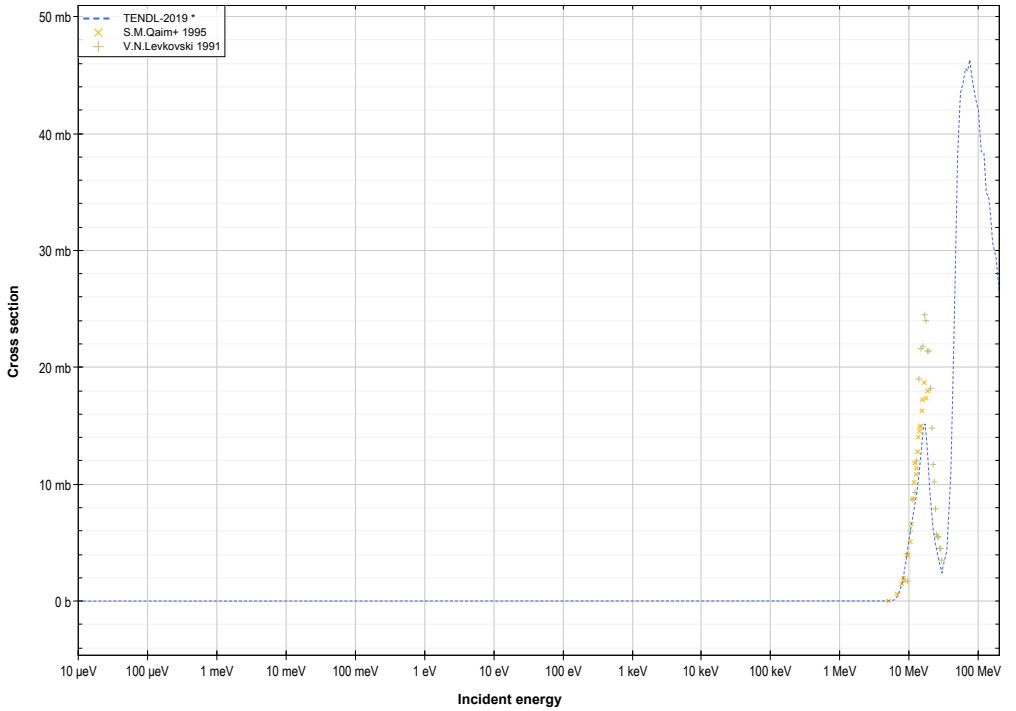
Reaction	Q-Value
Ni64(p,p)Ni64	0.00 keV

<< 28-Ni-61	**28-Ni-64**	29-Cu-63 >>
<< MT103 (p,p)	**MT107 (p,α) or MT5 (Co61 production)**	MT176 (p,2n+^{3}He) >>

Ni64 (p,α) or Co61 production log-log



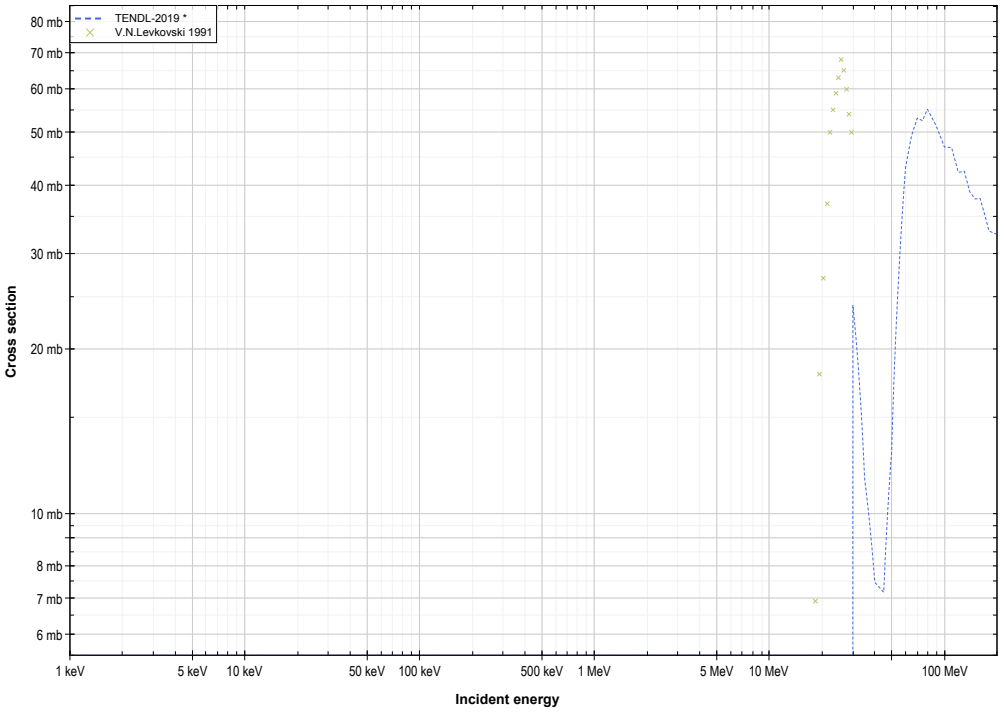
Ni64 (p,α) or Co61 production lin-log



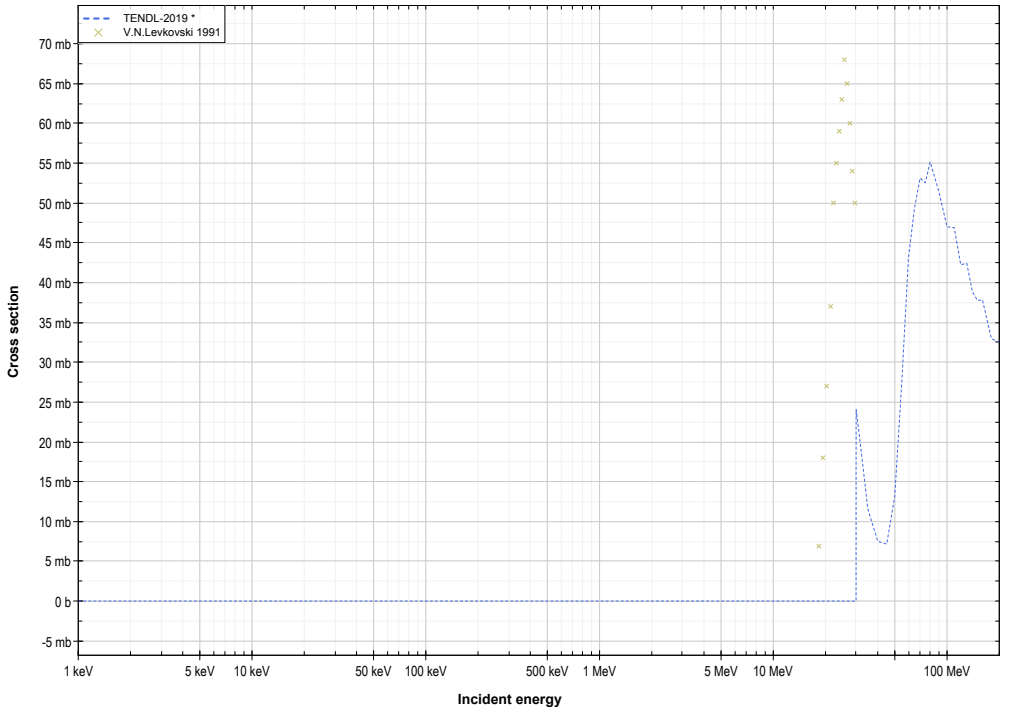
Reaction	Q-Value
Ni64(p,α)Co61	663.26 keV
Ni64(p,p+t)Co61	-19150.61 keV
Ni64(p,n+He3)Co61	-19914.36 keV
Ni64(p,2d)Co61	-23183.27 keV
Ni64(p,n+p+d)Co61	-25407.84 keV
Ni64(p,2n+2p)Co61	-27632.40 keV

<< 28-Ni-62	**28-Ni-64**	30-Zn-64 >>
<< MT107 (p,α)	**MT176 (p,2n+³He) or MT5 (Co60 production)**	MT179 (p,3n+2p) >>

Ni64 (p,2n+³He) or Co60 production log-log



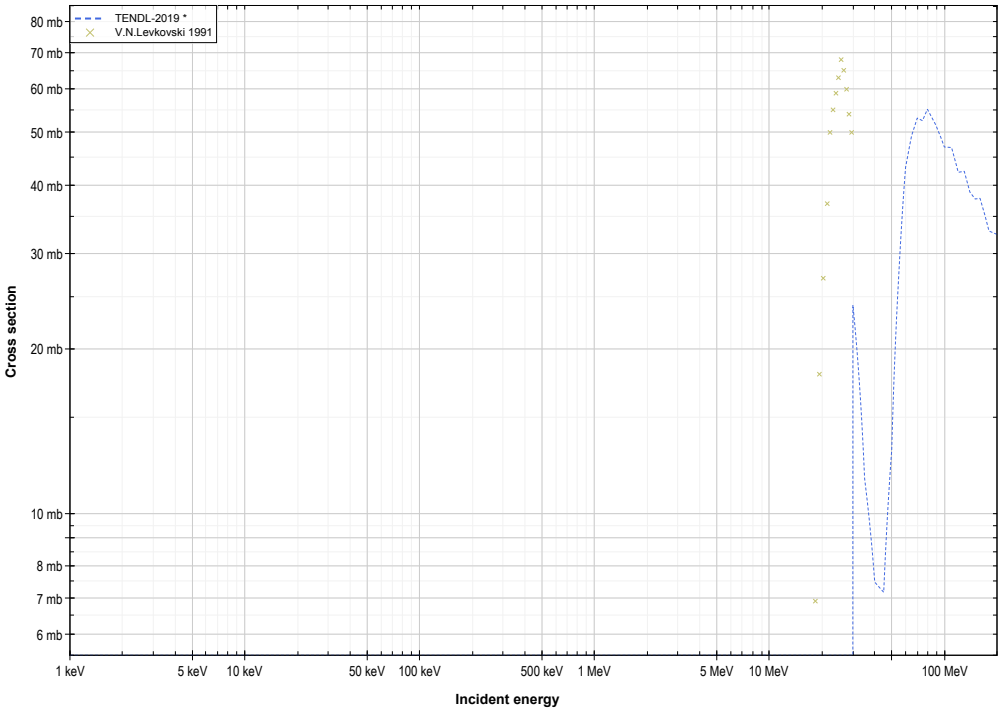
Ni64 (p,2n+³He) or Co60 production lin-log



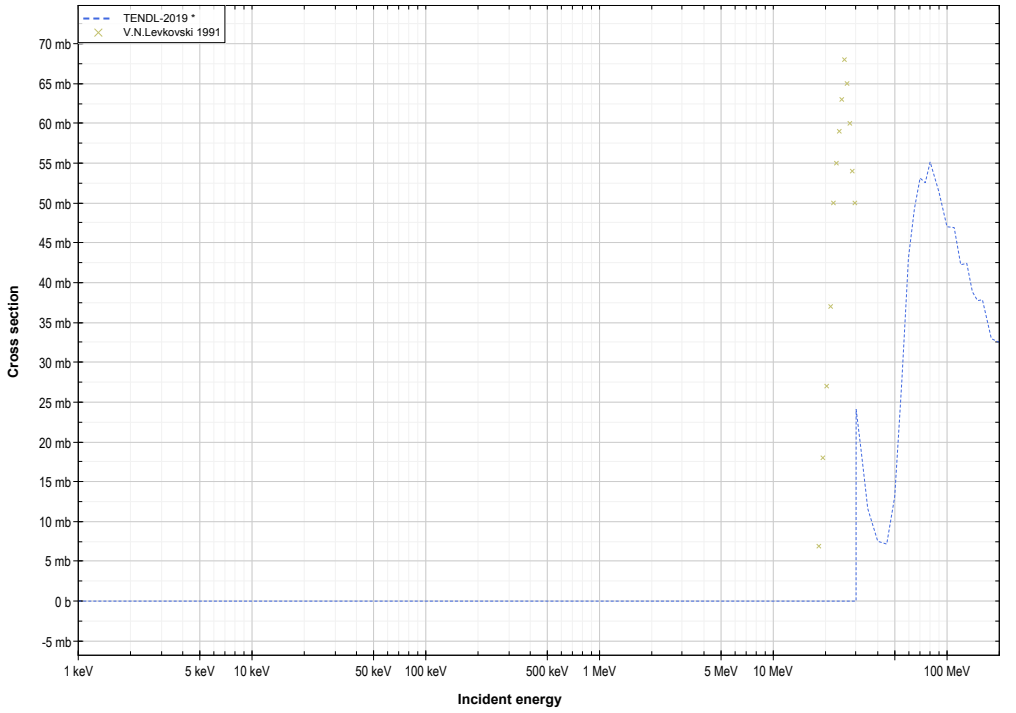
Reaction	Q-Value
Ni64(p,n+α)Co60	-8655.86 keV
Ni64(p,d+t)Co60	-26245.16 keV
Ni64(p,n+p+t)Co60	-28469.73 keV
Ni64(p,2n+He3)Co60	-29233.48 keV
Ni64(p,n+2d)Co60	-32502.39 keV
Ni64(p,2n+p+d)Co60	-34726.96 keV
Ni64(p,3n+2p)Co60	-36951.52 keV

<< 28-Ni-62	**28-Ni-64**	30-Zn-64 >>
<< MT176 (p,2n+^{3}He)	**MT179 (p,3n+2p) or MT5 (Co60 production)**	MT182 (p,d+t) >>

Ni64 (p,3n+2p) or Co60 production log-log



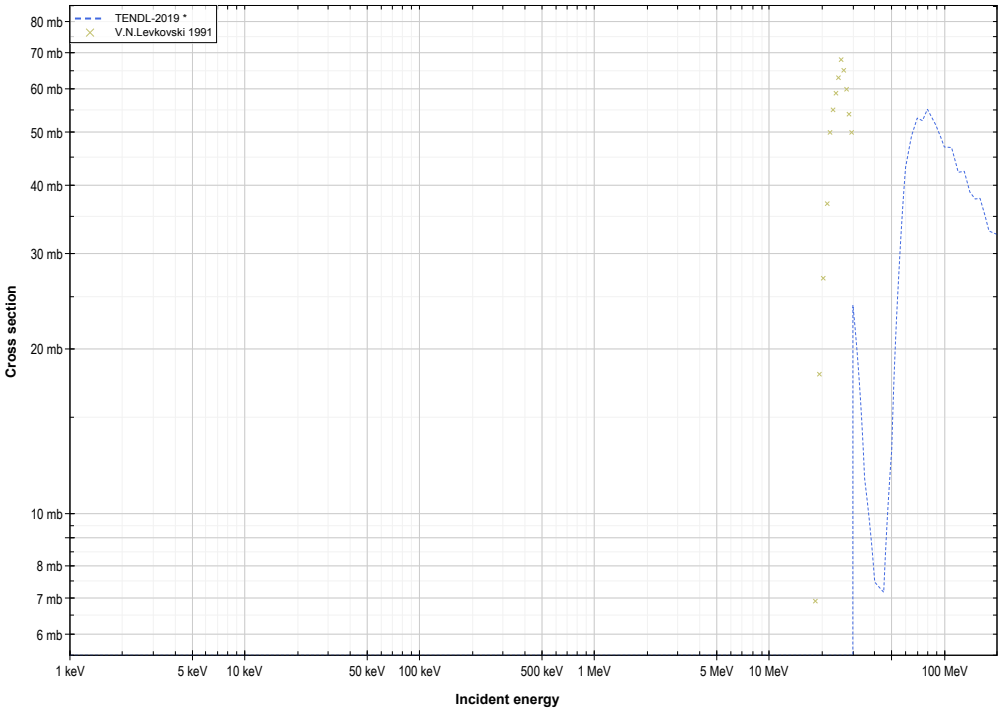
Ni64 (p,3n+2p) or Co60 production lin-log



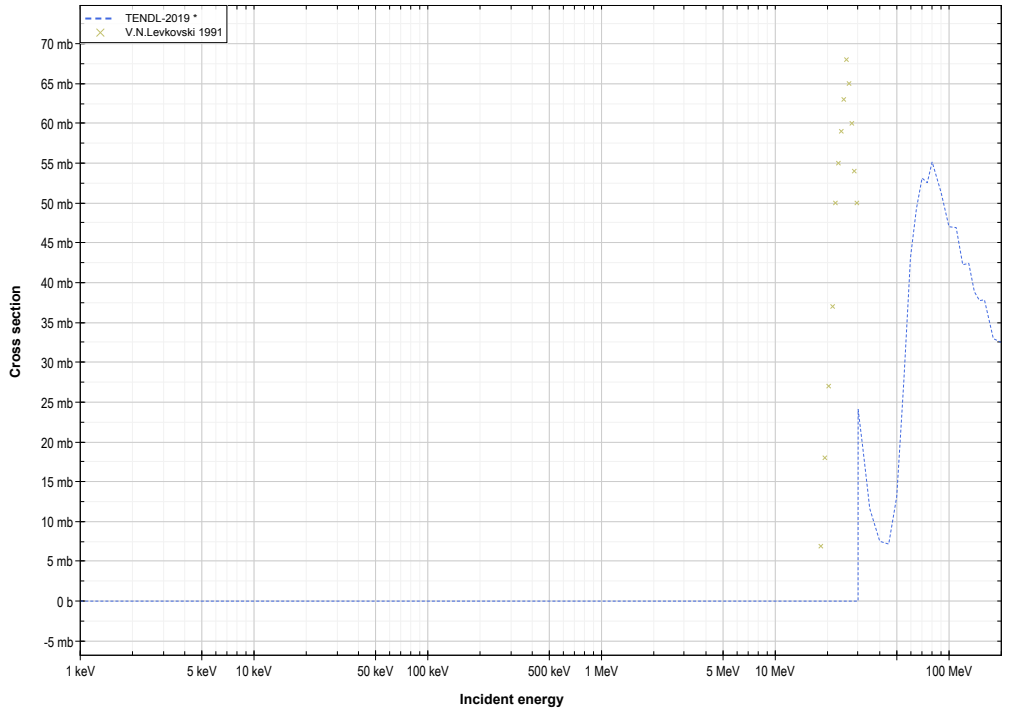
Reaction	Q-Value
Ni64(p,n+α)Co60	-8655.86 keV
Ni64(p,d+t)Co60	-26245.16 keV
Ni64(p,n+p+t)Co60	-28469.73 keV
Ni64(p,2n+He3)Co60	-29233.48 keV
Ni64(p,n+2d)Co60	-32502.39 keV
Ni64(p,2n+p+d)Co60	-34726.96 keV
Ni64(p,3n+2p)Co60	-36951.52 keV

<< 28-Ni-62	**28-Ni-64**	30-Zn-64 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Co60 production)**	MT184 (p,n+p+t) >>

Ni64 (p,d+t) or Co60 production log-log



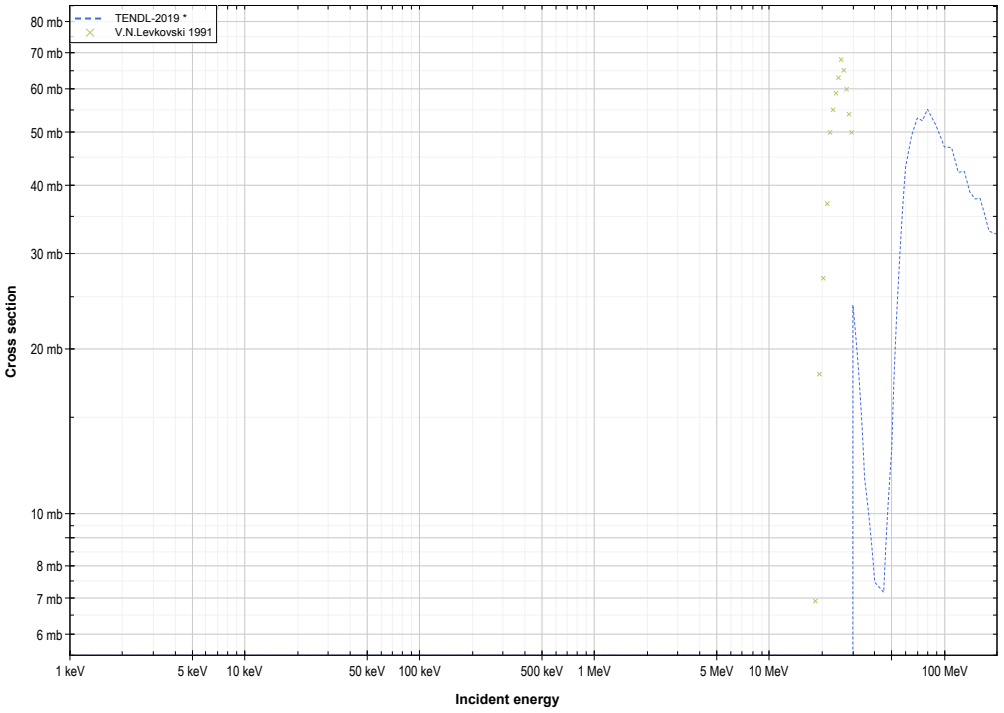
Ni64 (p,d+t) or Co60 production lin-log



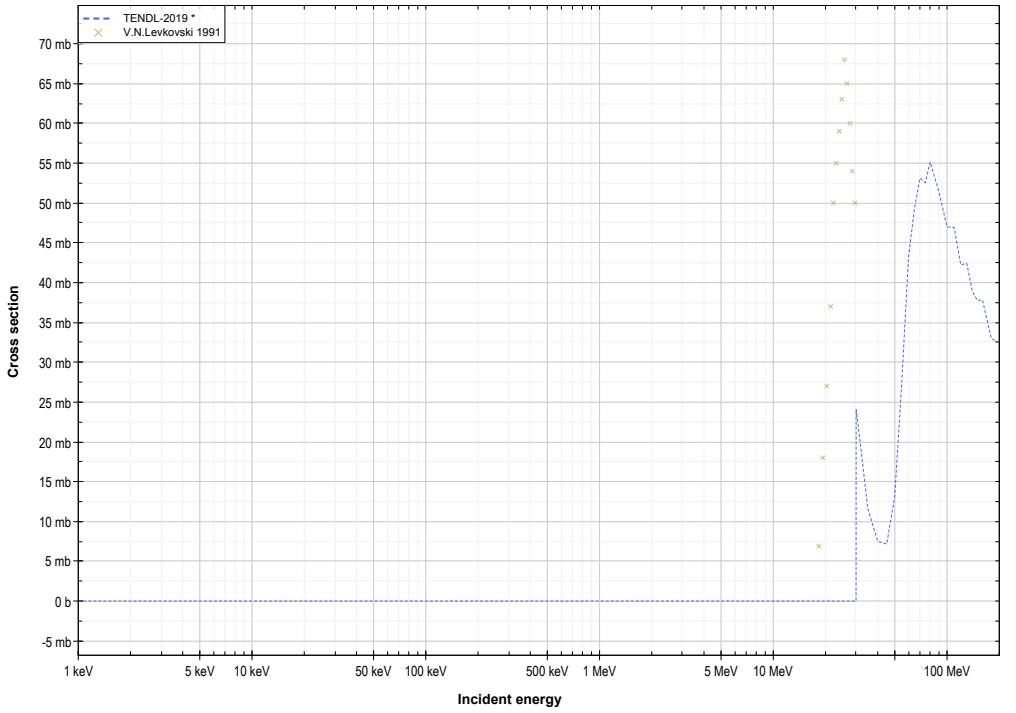
Reaction	Q-Value
Ni64(p,n+α)Co60	-8655.86 keV
Ni64(p,d+t)Co60	-26245.16 keV
Ni64(p,n+p+t)Co60	-28469.73 keV
Ni64(p,2n+He3)Co60	-29233.48 keV
Ni64(p,n+2d)Co60	-32502.39 keV
Ni64(p,2n+p+d)Co60	-34726.96 keV
Ni64(p,3n+2p)Co60	-36951.52 keV

<< 28-Ni-62	**28-Ni-64**	30-Zn-64 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Co60 production)**	29-Cu-63 MT4 (p,n) >>

Ni64 (p,n+p+t) or Co60 production log-log



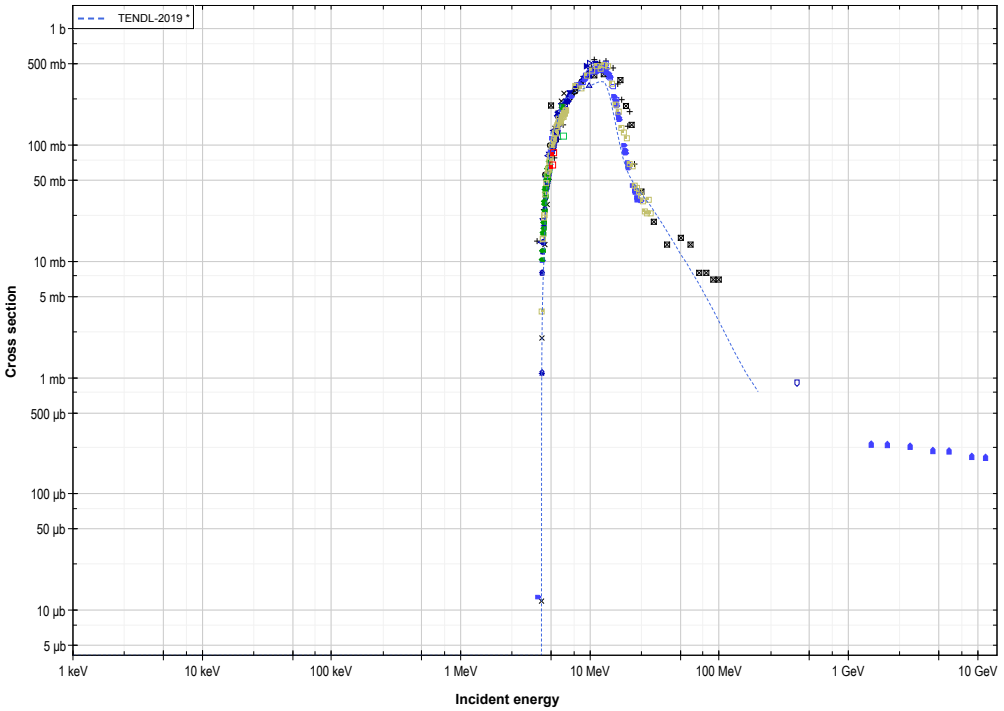
Ni64 (p,n+p+t) or Co60 production lin-log



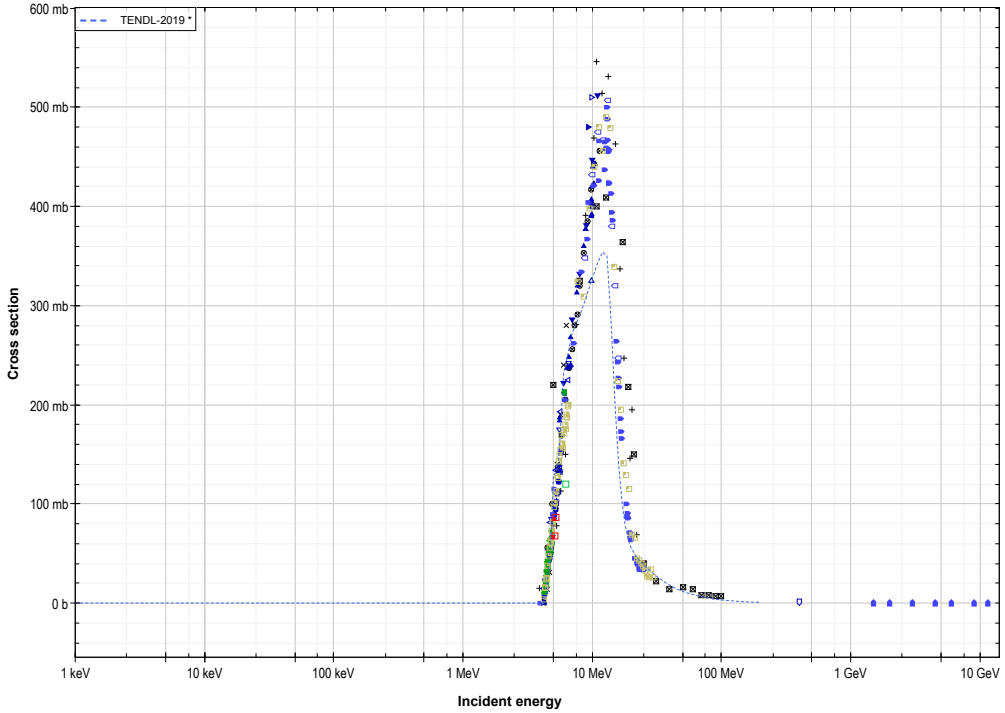
Reaction	Q-Value
Ni64(p,n+α)Co60	-8655.86 keV
Ni64(p,d+t)Co60	-26245.16 keV
Ni64(p,n+p+t)Co60	-28469.73 keV
Ni64(p,2n+He3)Co60	-29233.48 keV
Ni64(p,n+2d)Co60	-32502.39 keV
Ni64(p,2n+p+d)Co60	-34726.96 keV
Ni64(p,3n+2p)Co60	-36951.52 keV

<< 28-Ni-64	**29-Cu-63**	29-Cu-65 >>
<< 28-Ni-64 MT184 (p,n+p+t)	**MT4 (p,n) or MT5 (Zn63 production)**	MT16 (p,2n) >>

Cu63 (p,n) or Zn63 production log-log



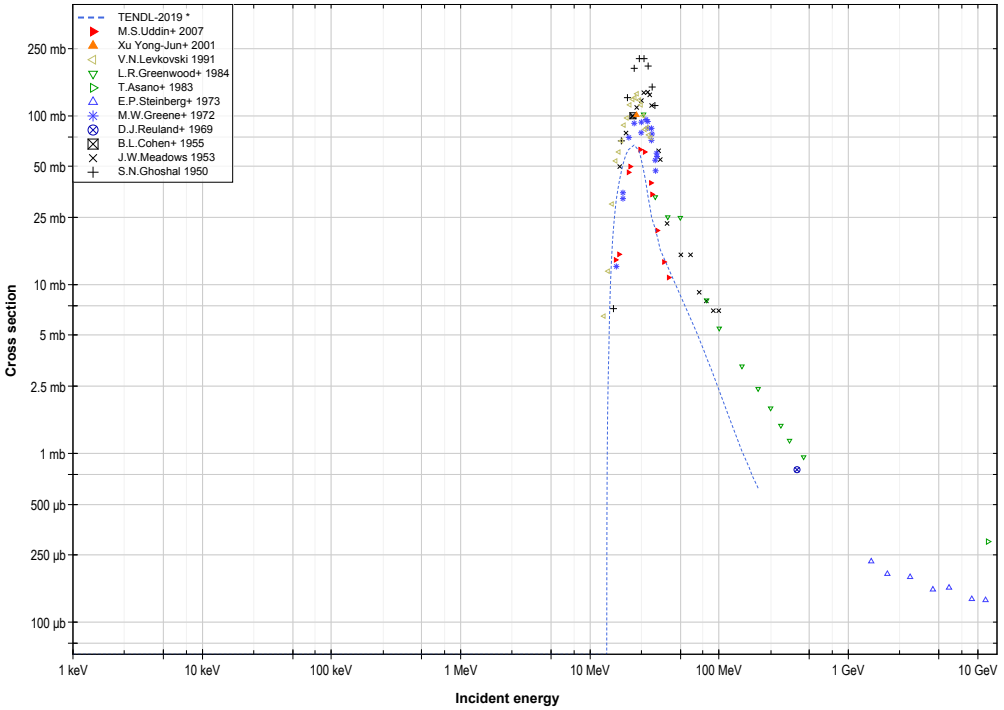
Cu63 (p,n) or Zn63 production lin-log



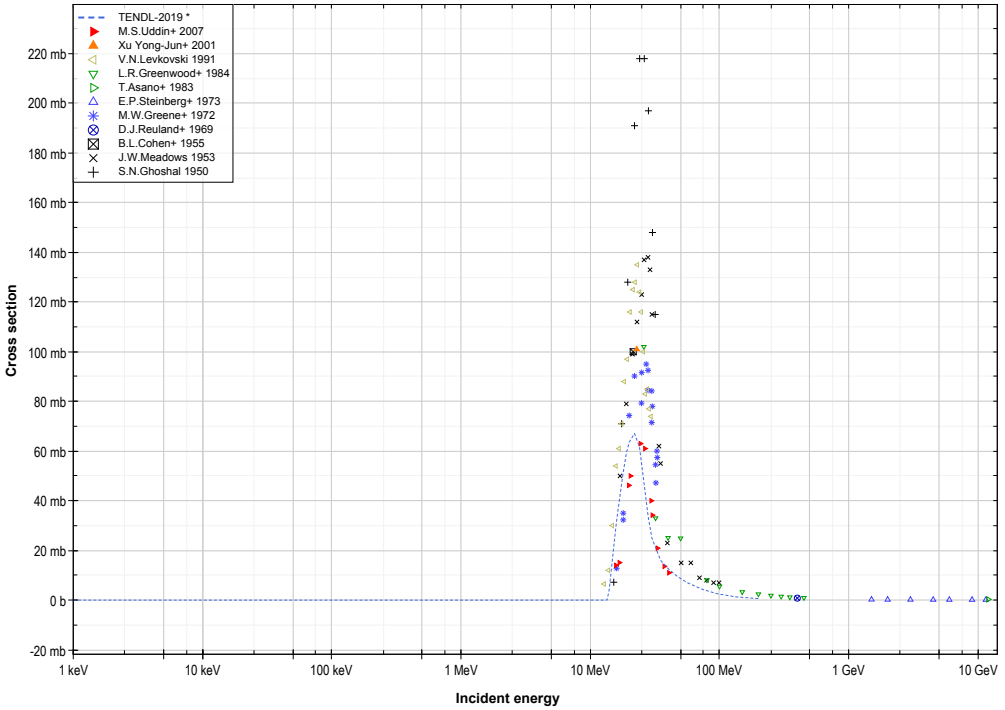
Reaction	Q-Value
Cu63(p,n)Zn63	-4148.75 keV

<< 28-Ni-62	**29-Cu-63**	30-Zn-66 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Zn62 production)**	MT17 (p,3n) >>

Cu63 (p,2n) or Zn62 production log-log



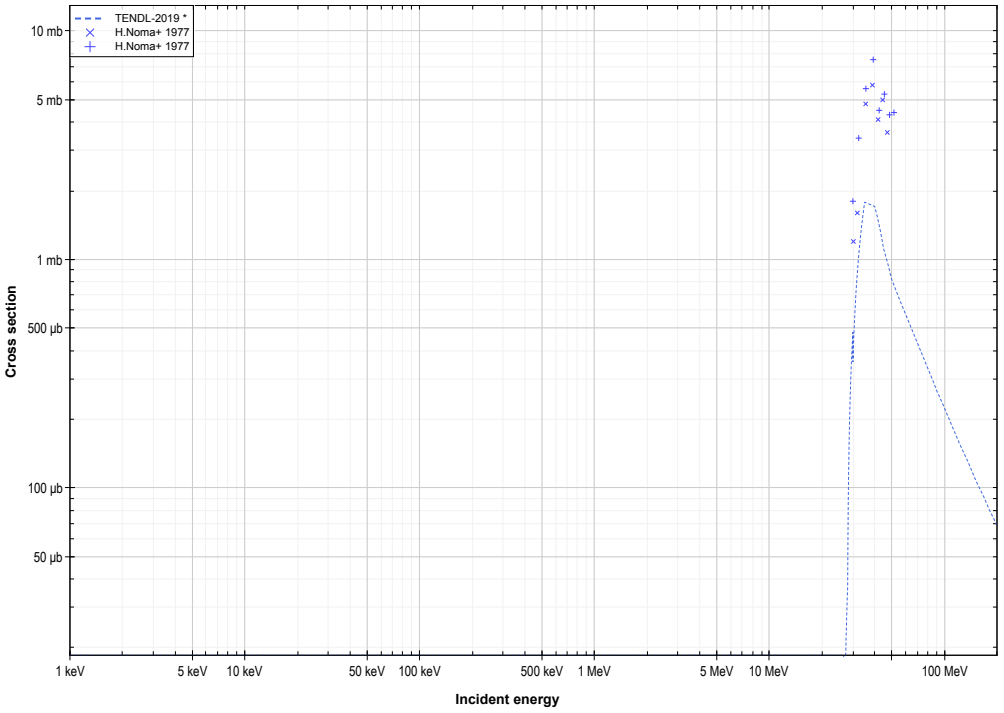
Cu63 (p,2n) or Zn62 production lin-log



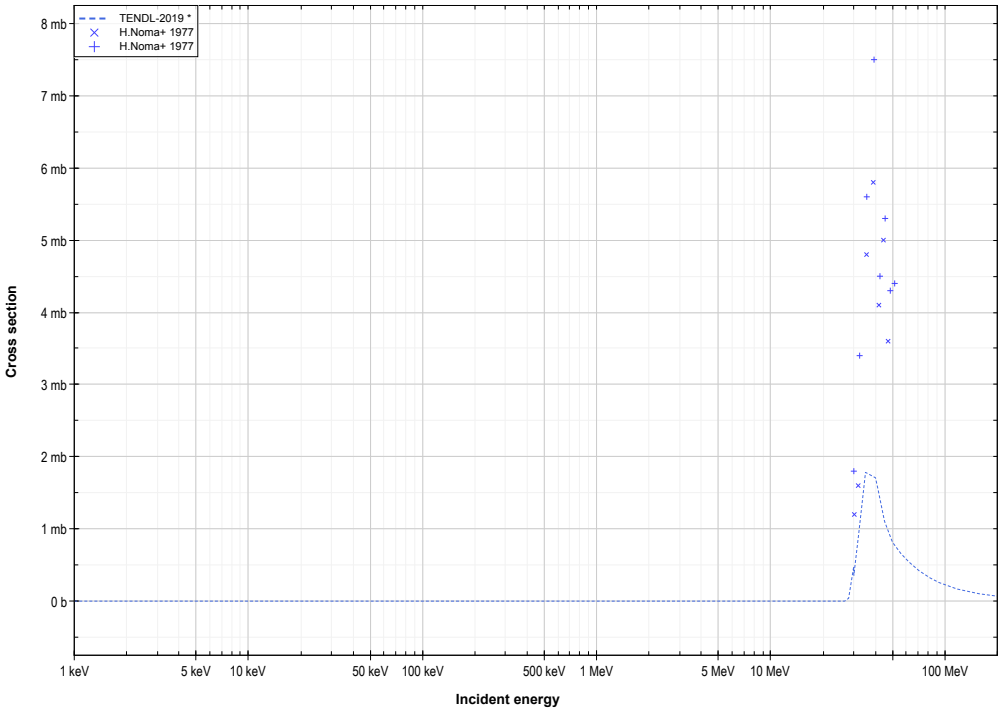
Reaction	Q-Value
Cu63(p,2n)Zn62	-13265.46 keV

<< 28-Ni-62	**29-Cu-63**	29-Cu-65 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Zn61 production)**	MT28 (p,n+p) >>

Cu63 (p,3n) or Zn61 production log-log



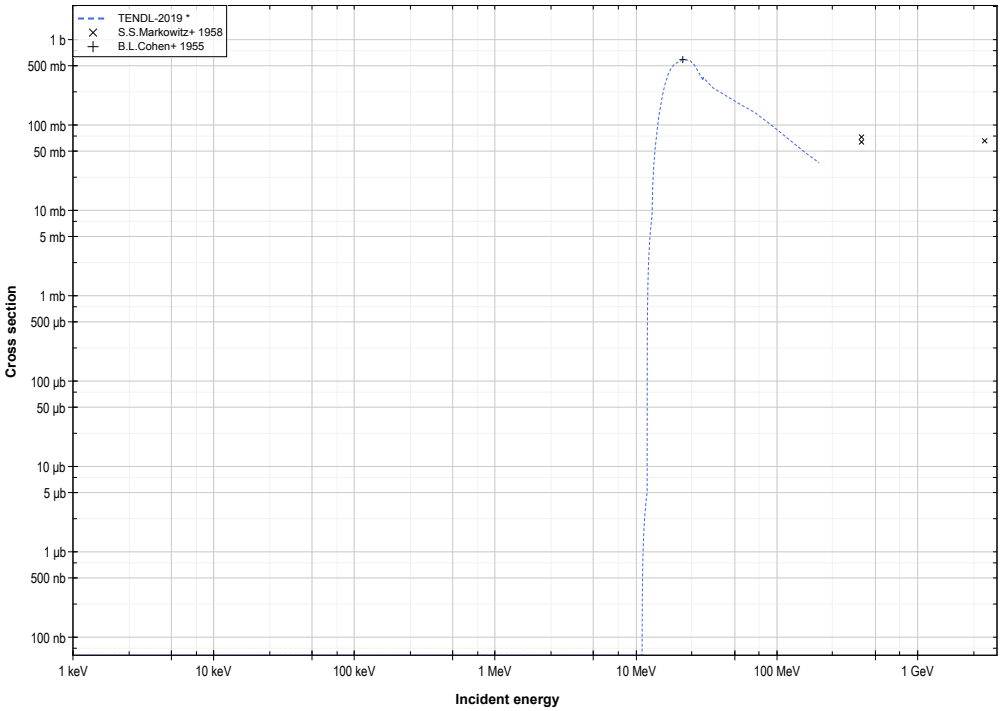
Cu63 (p,3n) or Zn61 production lin-log



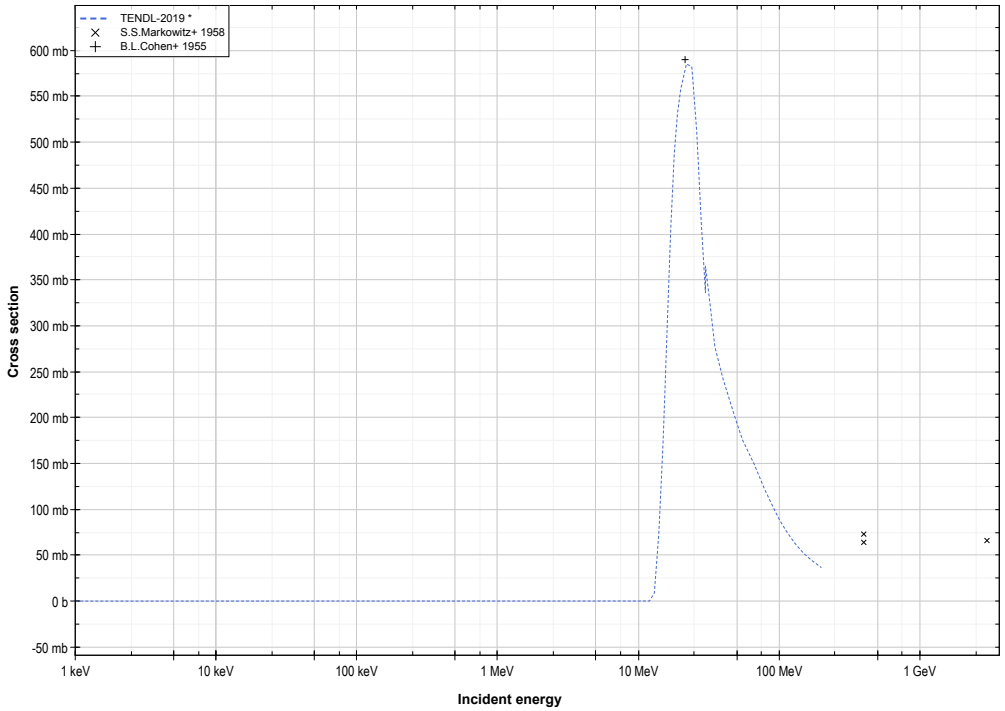
Reaction	Q-Value
Cu63(p,3n)Zn61	-26155.78 keV

<< 28-Ni-60	**29-Cu-63**	29-Cu-65 >>
<< MT17 (p,3n)	**MT28 (p,n+p) or MT5 (Cu62 production)**	MT32 (p,n+d) >>

Cu63 (p,n+p) or Cu62 production log-log



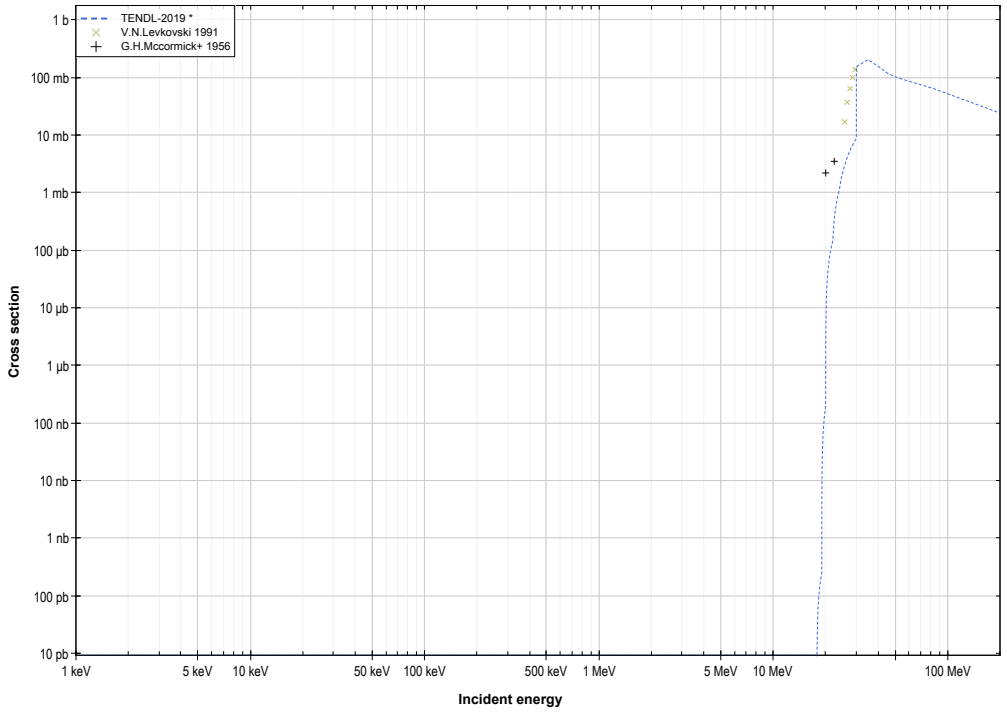
Cu63 (p,n+p) or Cu62 production lin-log



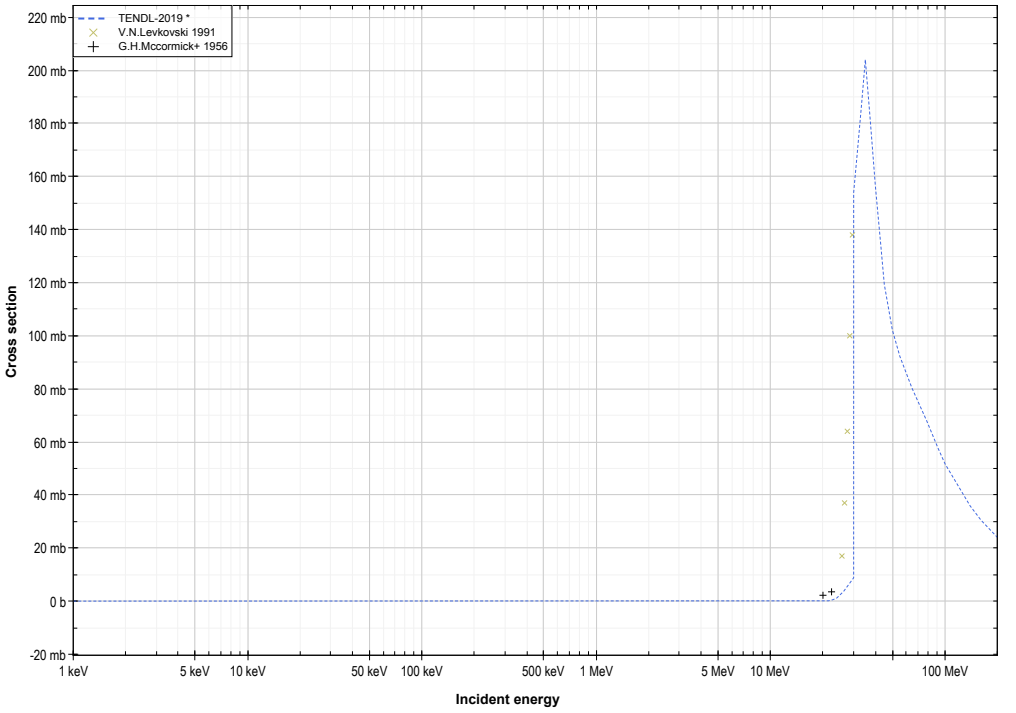
Reaction	Q-Value
Cu63(p,d)Cu62	-8639.15 keV
Cu63(p,n+p)Cu62	-10863.72 keV

<< 28-Ni-58	**29-Cu-63**	30-Zn-64 >>
<< MT28 (p,n+p)	**MT32 (p,n+d) or MT5 (Cu61 production)**	MT41 (p,2n+p) >>

Cu63 (p,n+d) or Cu61 production log-log



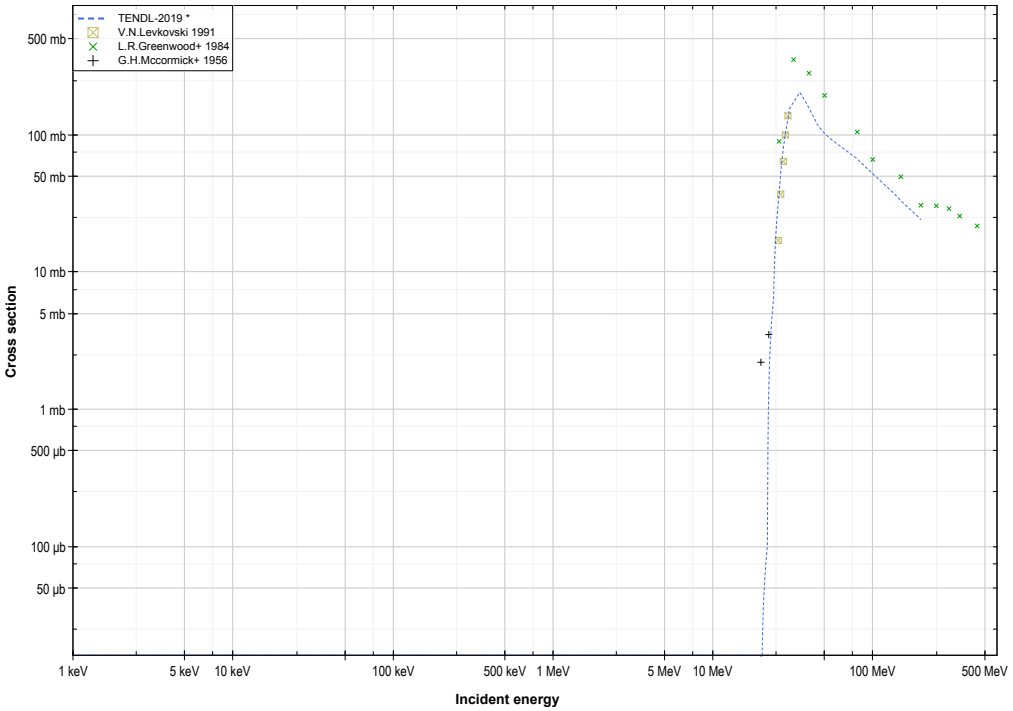
Cu63 (p,n+d) or Cu61 production lin-log



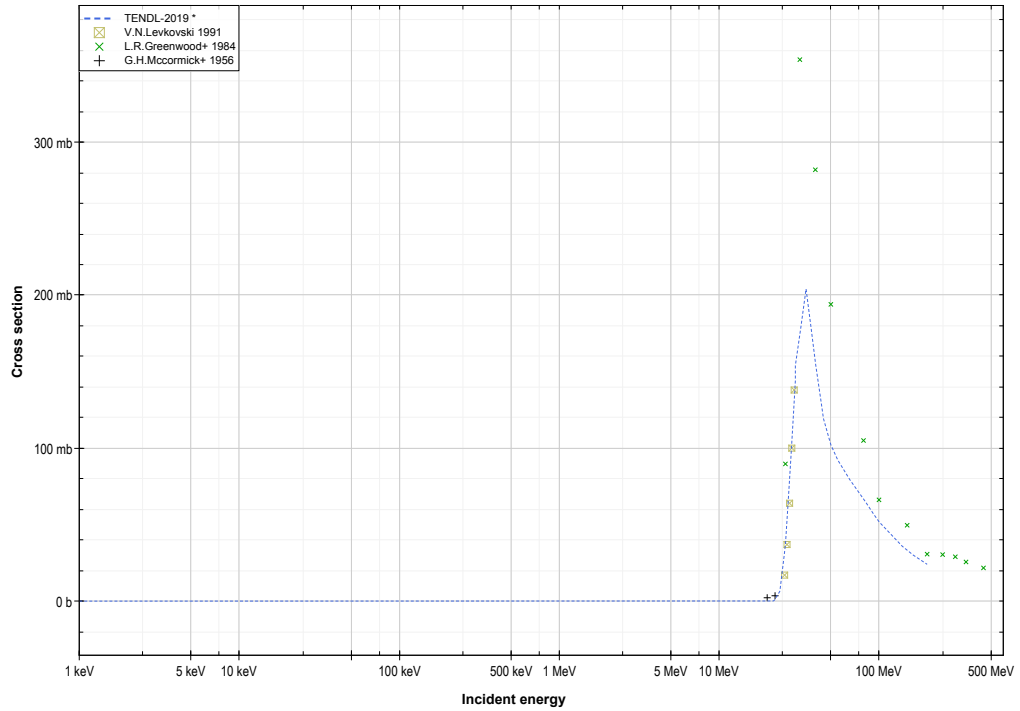
Reaction	Q-Value
Cu63(p,t)Cu61	-11256.54 keV
Cu63(p,n+d)Cu61	-17513.77 keV
Cu63(p,2n+p)Cu61	-19738.33 keV

<< 28-Ni-58	**29-Cu-63**	30-Zn-64 >>
<< MT32 (p,n+d)	**MT41 (p,2n+p) or MT5 (Cu61 production)**	MT45 (p,n+p+α) >>

Cu63 (p,2n+p) or Cu61 production log-log



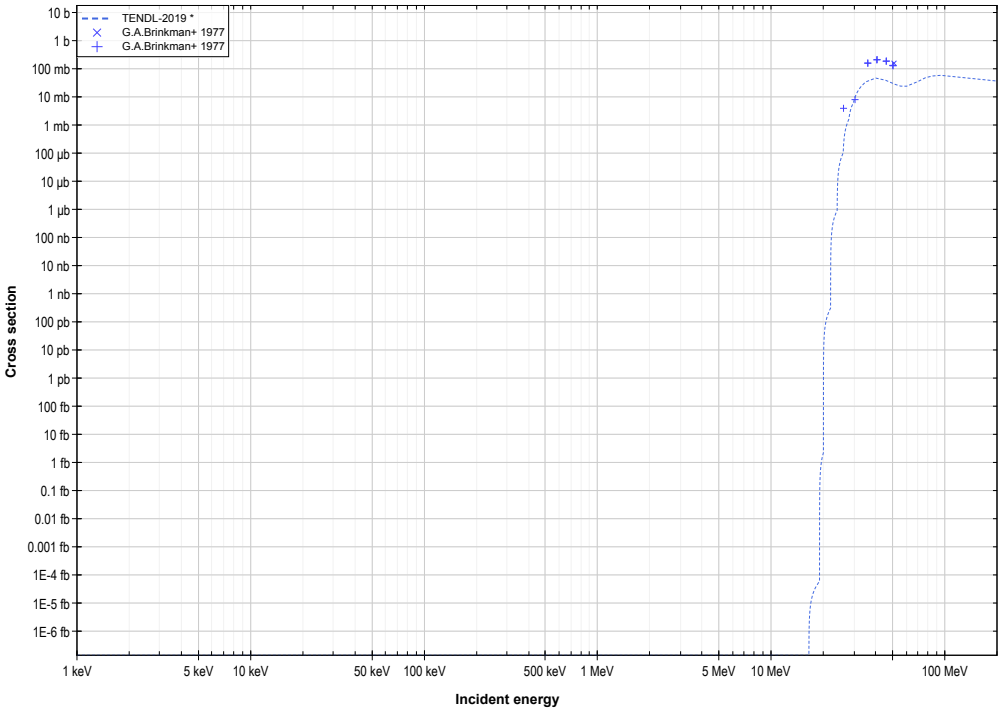
Cu63 (p,2n+p) or Cu61 production lin-log



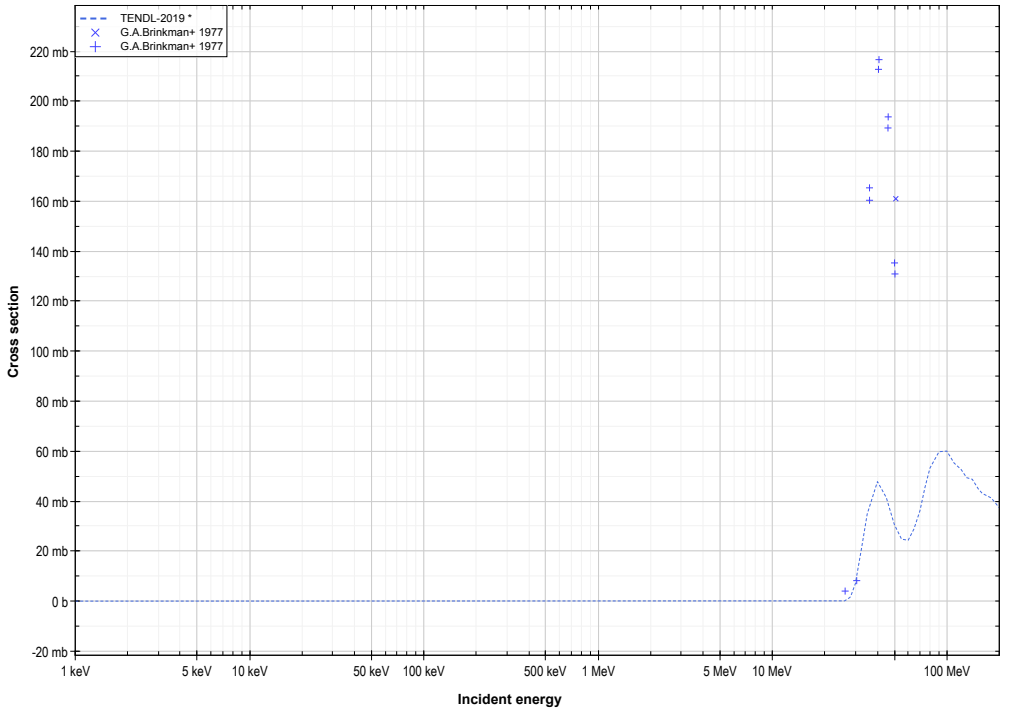
Reaction	Q-Value
Cu63(p,t)Cu61	-11256.54 keV
Cu63(p,n+d)Cu61	-17513.77 keV
Cu63(p,2n+p)Cu61	-19738.33 keV

<< 28-Ni-60	**29-Cu-63**	31-Ga-69 >>
<< MT41 (p,2n+p)	**MT45 (p,n+p+α) or MT5 (Co58 production)**	MT102 (p,γ) >>

Cu63 (p,n+p+α) or Co58 production log-log



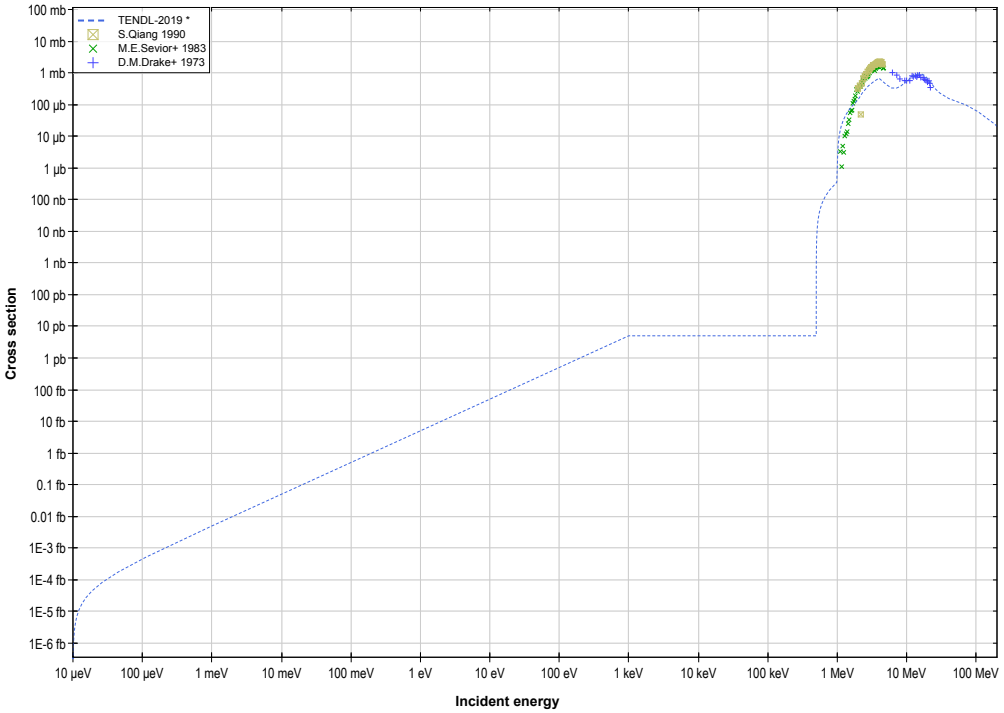
Cu63 (p,n+p+α) or Co58 production lin-log



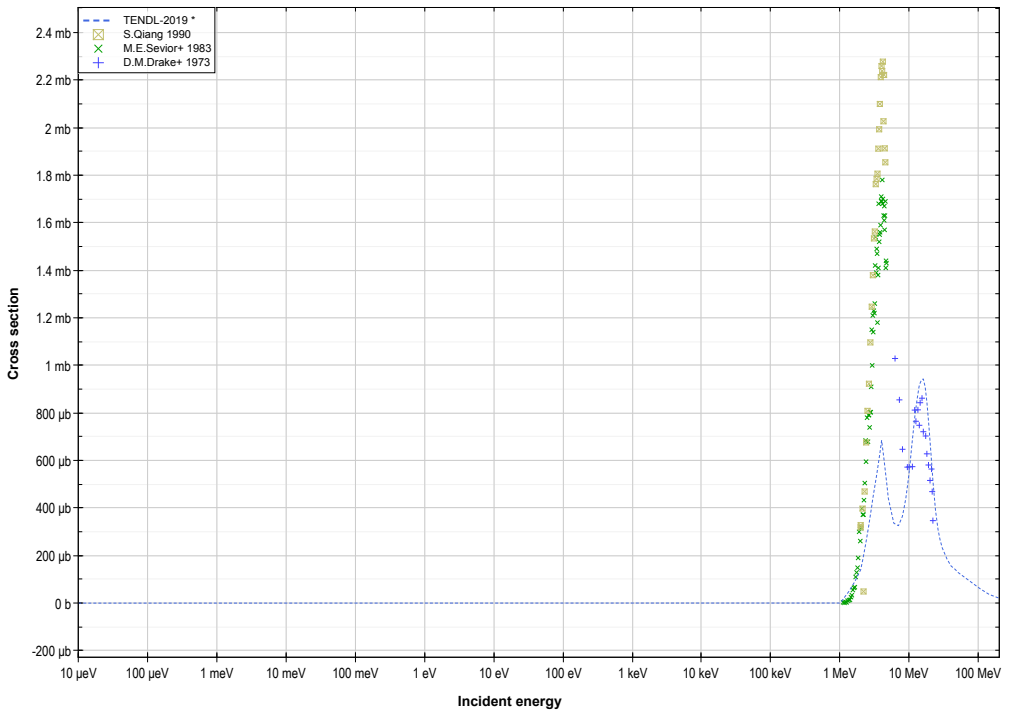
Reaction	Q-Value	Reaction	Q-Value
Cu63(p,d+α)Co58	-14004.27 keV	Cu63(p,n+p+2d)Co58	-40075.36 keV
Cu63(p,n+p+α)Co58	-16228.83 keV	Cu63(p,2n+2p+d)Co58	-42299.93 keV
Cu63(p,t+He3)Co58	-28324.66 keV	Cu63(p,3n+3p)Co58	-44524.49 keV
Cu63(p,p+d+t)Co58	-33818.13 keV		
Cu63(p,n+d+He3)Co58	-34581.89 keV		
Cu63(p,n+2p+t)Co58	-36042.70 keV		
Cu63(p,2n+p+He3)Co58	-36806.45 keV		
Cu63(p,3d)Co58	-37850.79 keV		

<< 28-Ni-64	**29-Cu-63**	29-Cu-65 >>
<< MT45 (p,n+p+α)	**MT102 (p,γ) or MT5 (Zn64 production)**	MT103 (p,p) >>

Cu63 (p,γ) or Zn64 production log-log



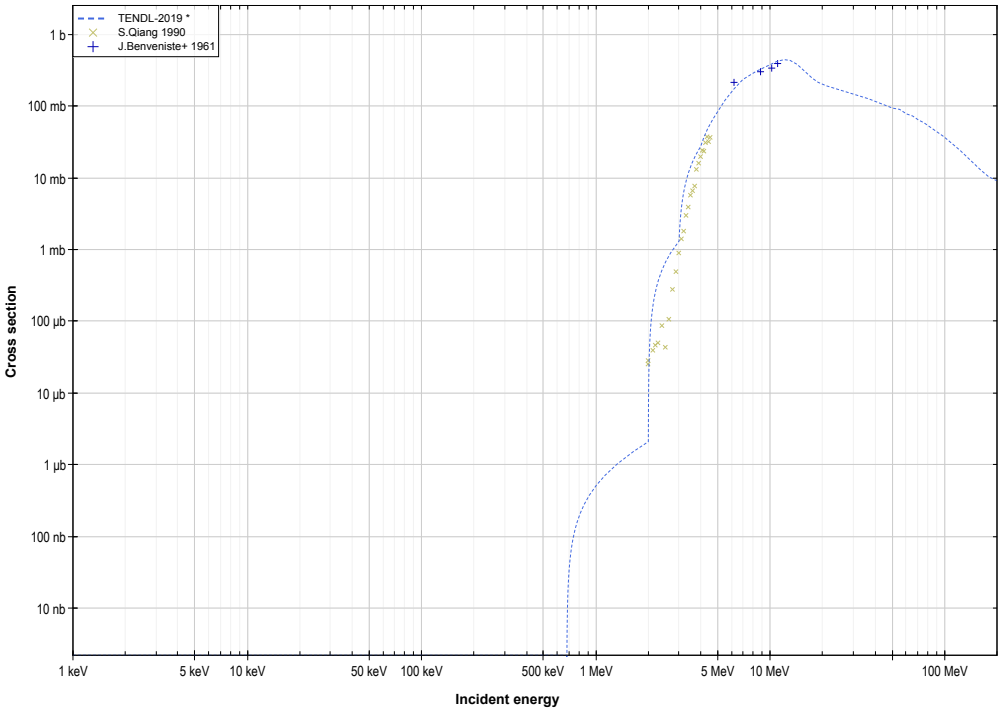
Cu63 (p,γ) or Zn64 production lin-log



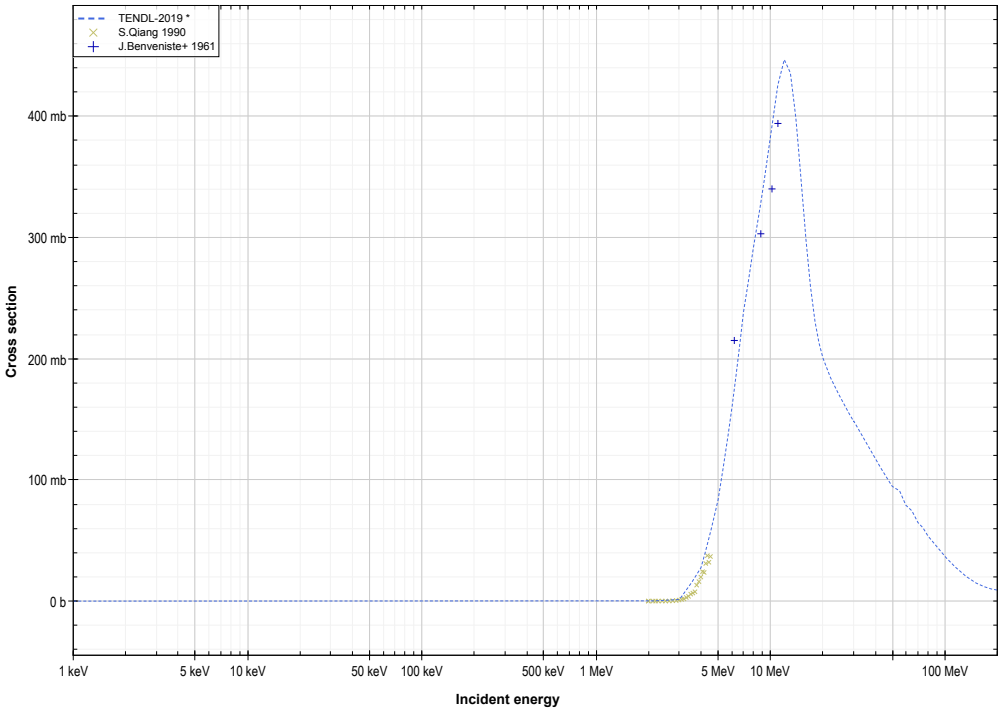
Reaction	Q-Value
Cu63(p,γ)Zn64	7713.17 keV

<< 28-Ni-64	**29-Cu-63**	29-Cu-65 >>
<< MT102 (p,γ)	**MT103 (p,p) or MT5 (Cu63 production)**	MT104 (p,d) >>

Cu63 (p,p) or Cu63 production log-log



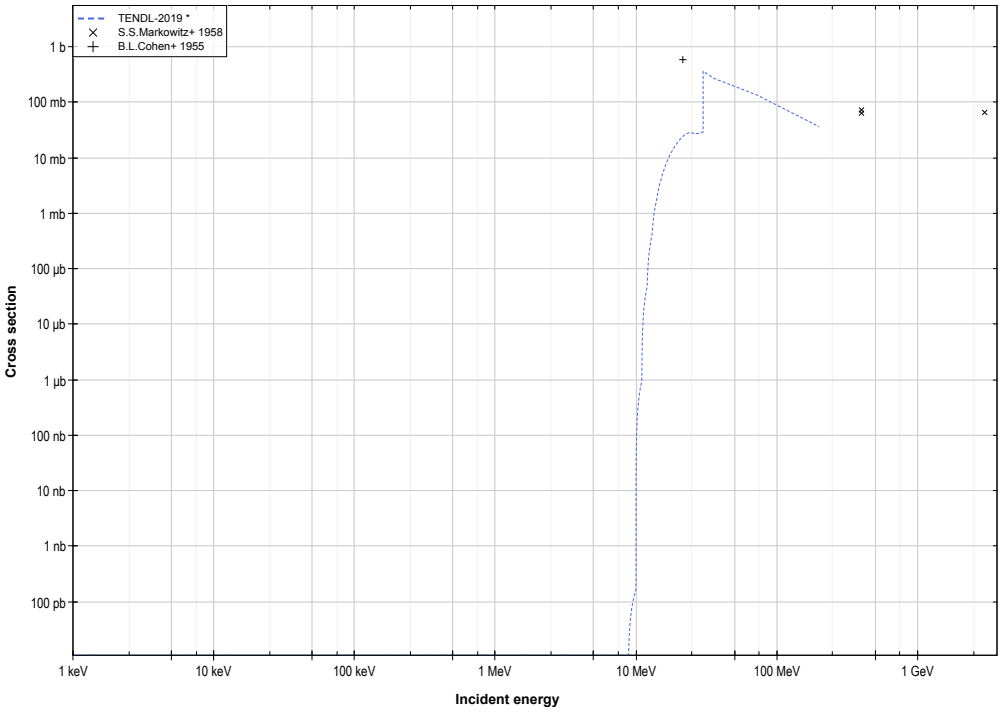
Cu63 (p,p) or Cu63 production lin-log



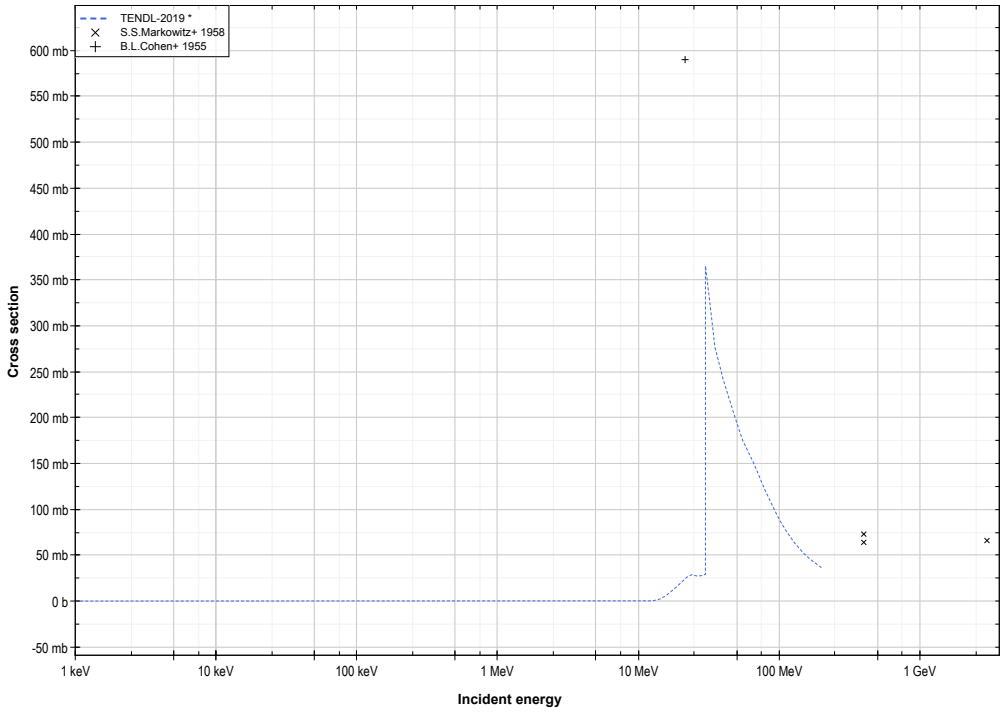
Reaction	Q-Value
Cu63(p,p)Cu63	0.00 keV

<< 28-Ni-60	**29-Cu-63**	29-Cu-65 >>
<< MT103 (p,p)	**MT104 (p,d) or MT5 (Cu62 production)**	MT105 (p,t) >>

Cu63 (p,d) or Cu62 production log-log



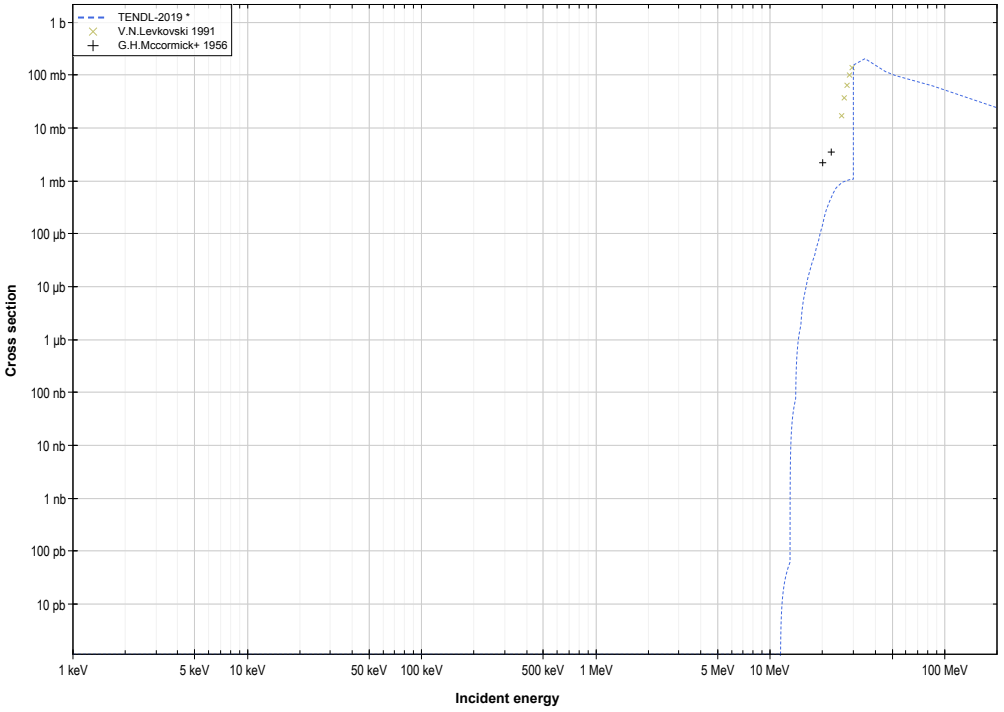
Cu63 (p,d) or Cu62 production lin-log



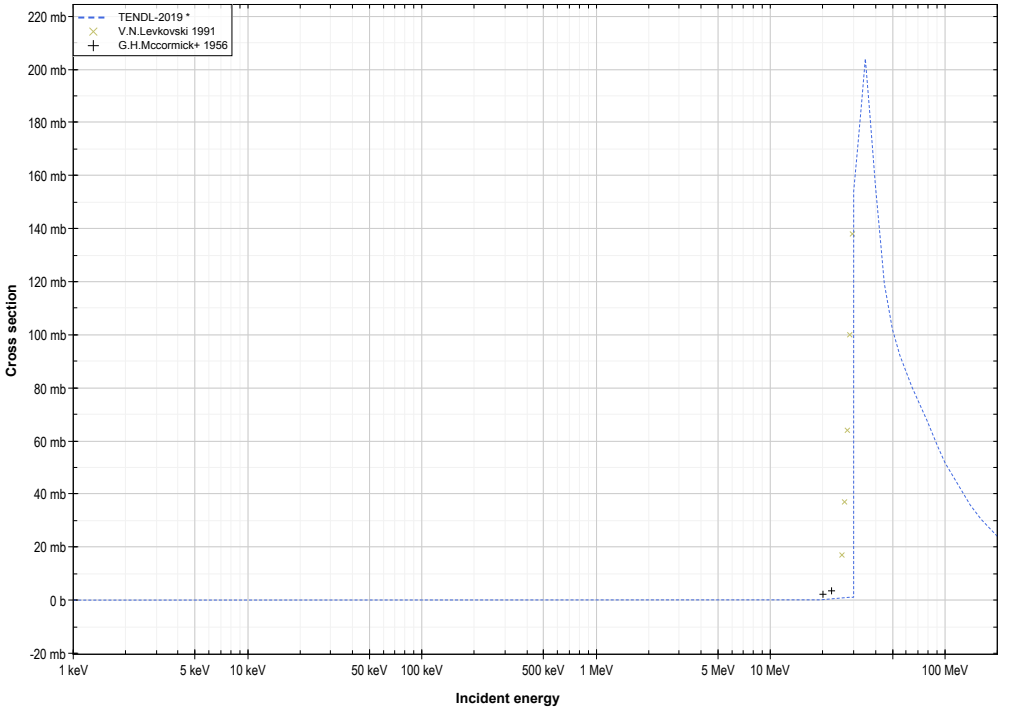
Reaction	Q-Value
Cu63(p,d)Cu62	-8639.15 keV
Cu63(p,n+p)Cu62	-10863.72 keV

<< 28-Ni-58	**29-Cu-63**	30-Zn-64 >>
<< MT104 (p,d)	**MT105 (p,t) or MT5 (Cu61 production)**	MT107 (p,α) >>

Cu63 (p,t) or Cu61 production log-log



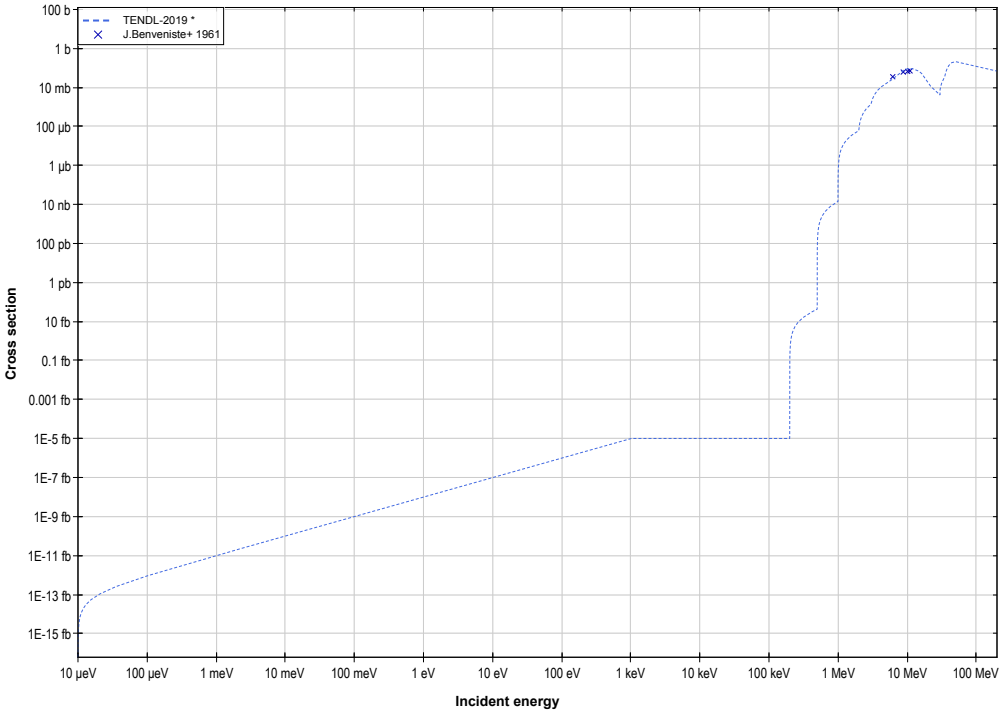
Cu63 (p,t) or Cu61 production lin-log



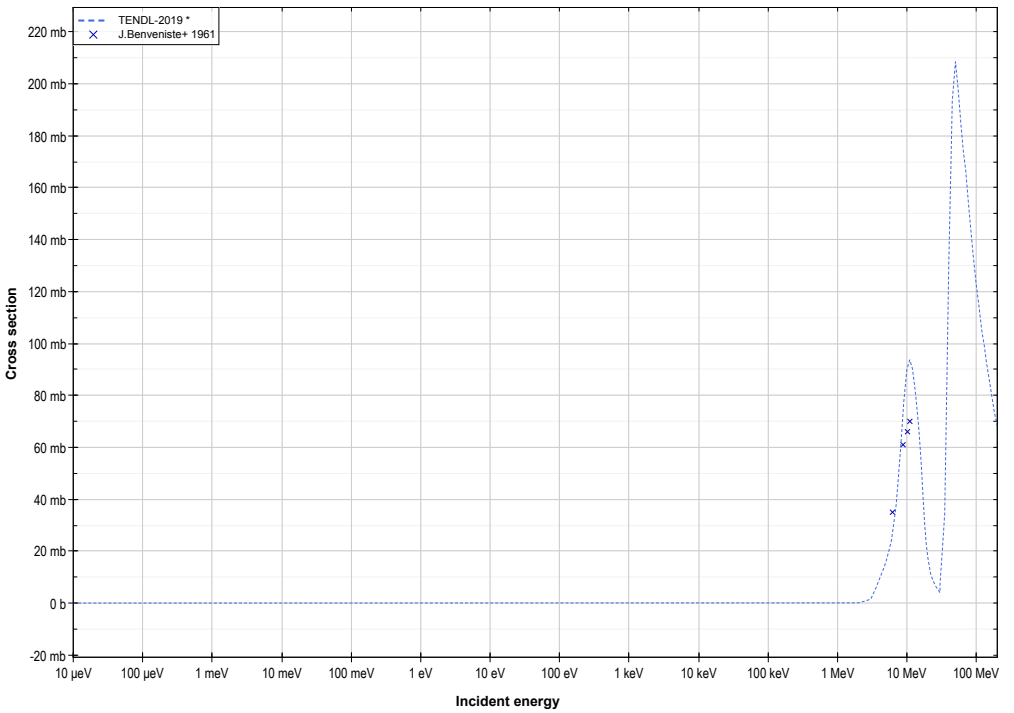
Reaction	Q-Value
Cu63(p,t)Cu61	-11256.54 keV
Cu63(p,n+d)Cu61	-17513.77 keV
Cu63(p,2n+p)Cu61	-19738.33 keV

<< 28-Ni-64	**29-Cu-63**	29-Cu-65 >>
<< MT105 (p,t)	**MT107 (p,α) or MT5 (Ni60 production)**	MT114 (p,d+2α) >>

Cu63 (p,α) or Ni60 production log-log



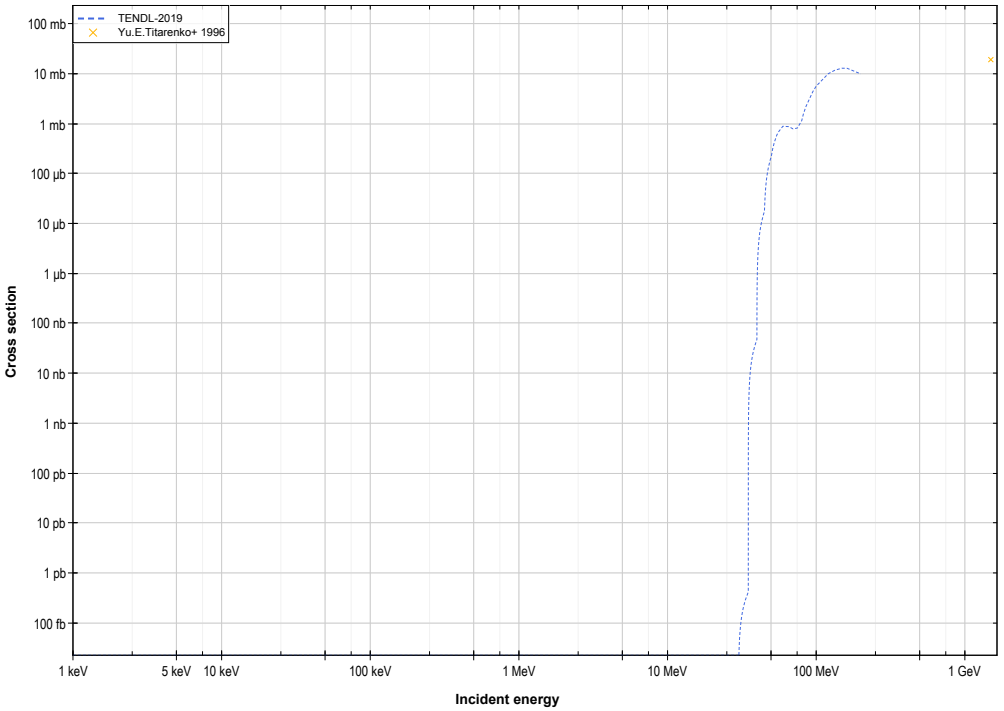
Cu63 (p,α) or Ni60 production lin-log



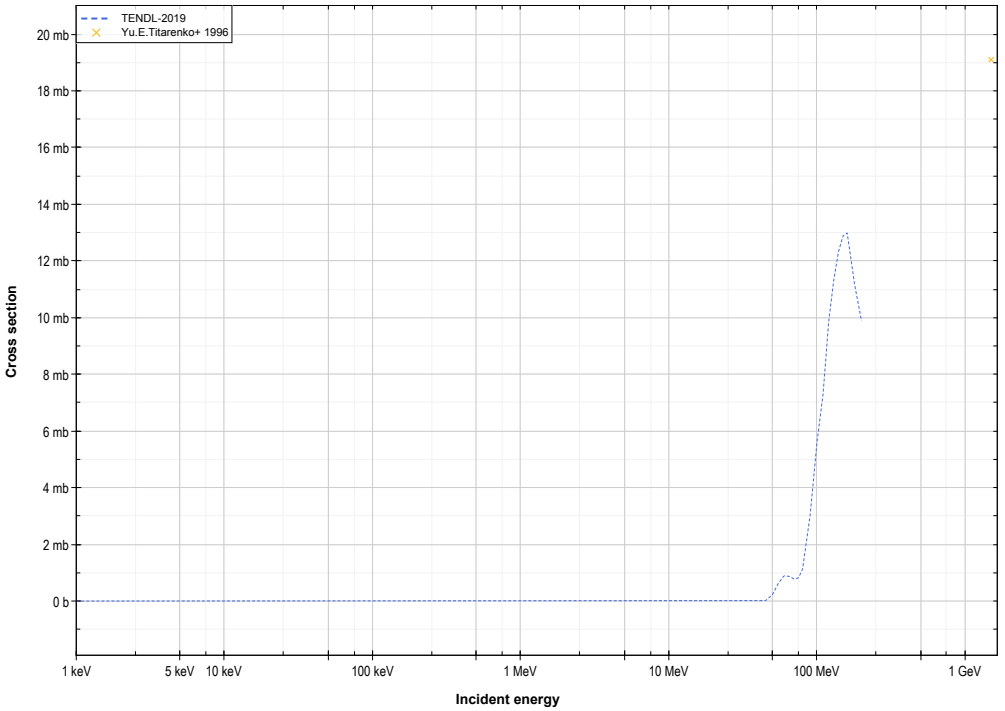
Reaction	Q-Value
Cu63(p,α)Ni60	3757.36 keV
Cu63(p,p+t)Ni60	-16056.51 keV
Cu63(p,n+He3)Ni60	-16820.26 keV
Cu63(p,2d)Ni60	-20089.17 keV
Cu63(p,n+p+d)Ni60	-22313.74 keV
Cu63(p,2n+2p)Ni60	-24538.30 keV

<< 25-Mn-55	**29-Cu-63**	39-Y-89 >>
<< MT107 (p,α)	**MT114 (p,d+2α) or MT5 (Mn54 production)**	29-Cu-65 MT4 (p,n) >>

Cu63 (p,d+2α) or Mn54 production log-log



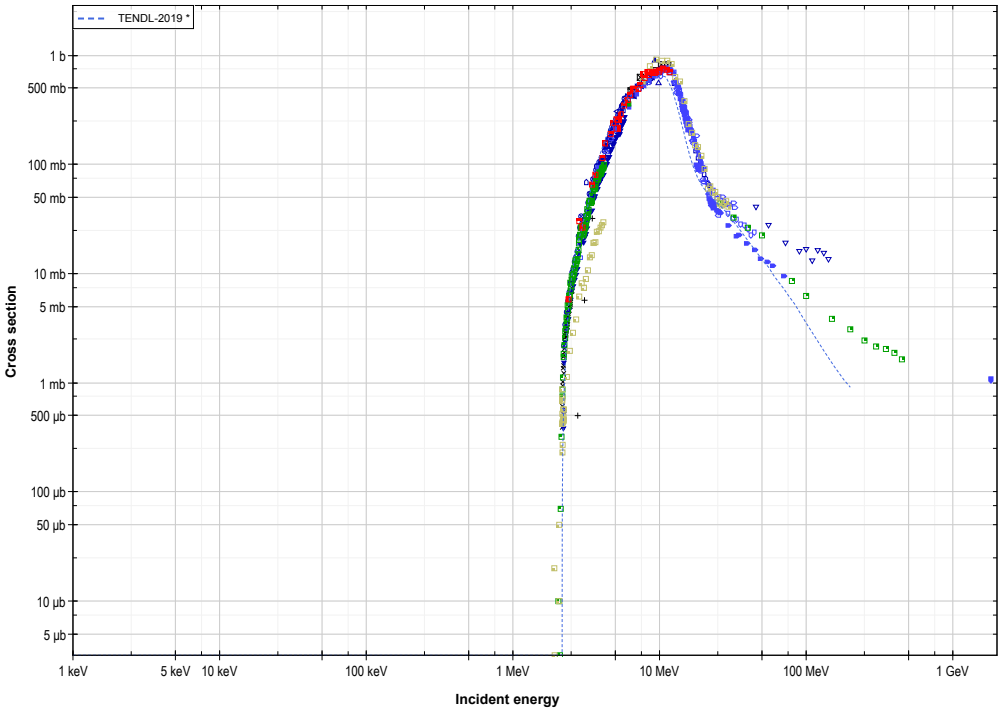
Cu63 (p,d+2α) or Mn54 production lin-log



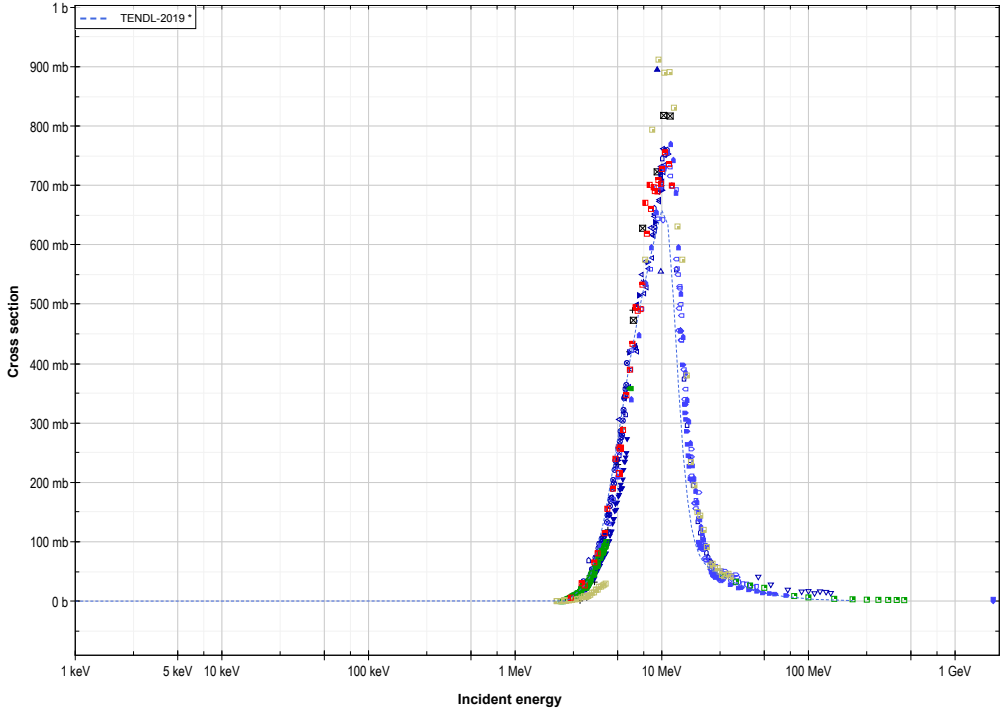
Reaction	Q-Value	Reaction	Q-Value
Cu63(p,d+2α)Mn54	-20718.78 keV	Cu63(p,n+p+2d+α)Mn54	-46789.88 keV
Cu63(p,n+p+2α)Mn54	-22943.35 keV	Cu63(p,2n+2p+d+α)Mn54	-49014.44 keV
Cu63(p,t+He3+α)Mn54	-35039.17 keV	Cu63(p,3n+3p+α)Mn54	-51239.01 keV
Cu63(p,p+d+t+α)Mn54	-40532.65 keV	Cu63(p,p+2t+He3)Mn54	-54853.04 keV
Cu63(p,n+d+He3+α)Mn54	-41296.40 keV	Cu63(p,n+t+2He3)Mn54	-55616.79 keV
Cu63(p,n+2p+t+α)Mn54	-42757.21 keV	Cu63(p,2d+t+He3)Mn54	-58885.70 keV
Cu63(p,2n+p+He3+α)Mn54	-43520.97 keV	Cu63(p,2p+d+2t)Mn54	-60346.51 keV
Cu63(p,3d+α)Mn54	-44565.31 keV	Cu63(p,n+p+d+t+He3)Mn54	-61110.27 keV

<< 29-Cu-63	**29-Cu-65**	30-Zn-64 >>
<< 29-Cu-63 MT114 (p,d+2α)	**MT4 (p,n) or MT5 (Zn65 production)**	MT17 (p,3n) >>

Cu65 (p,n) or Zn65 production log-log



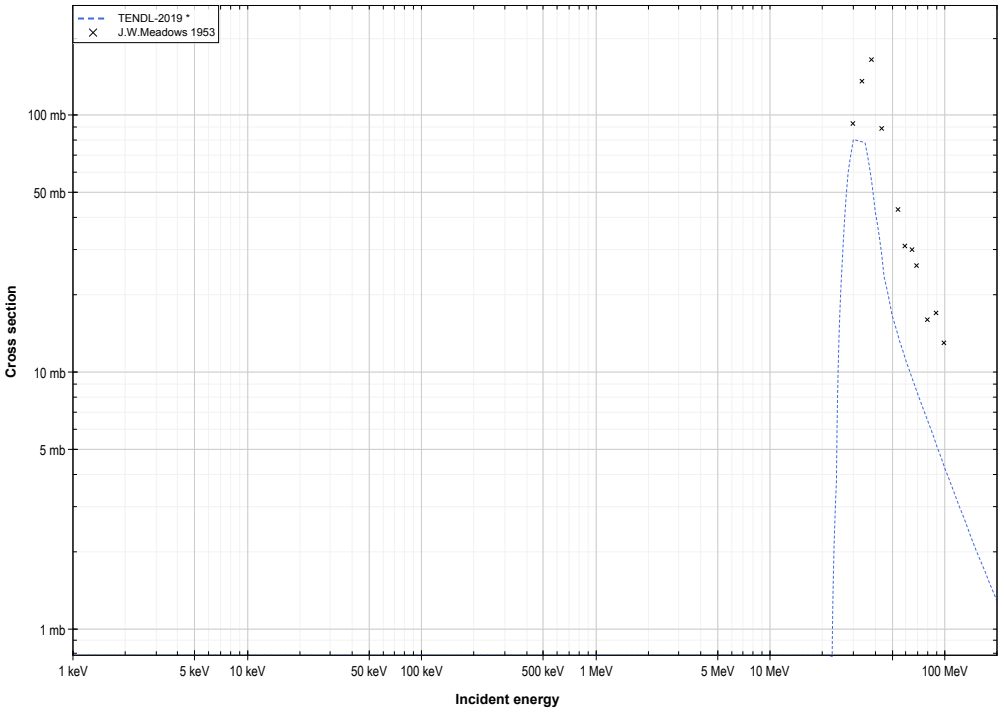
Cu65 (p,n) or Zn65 production lin-log



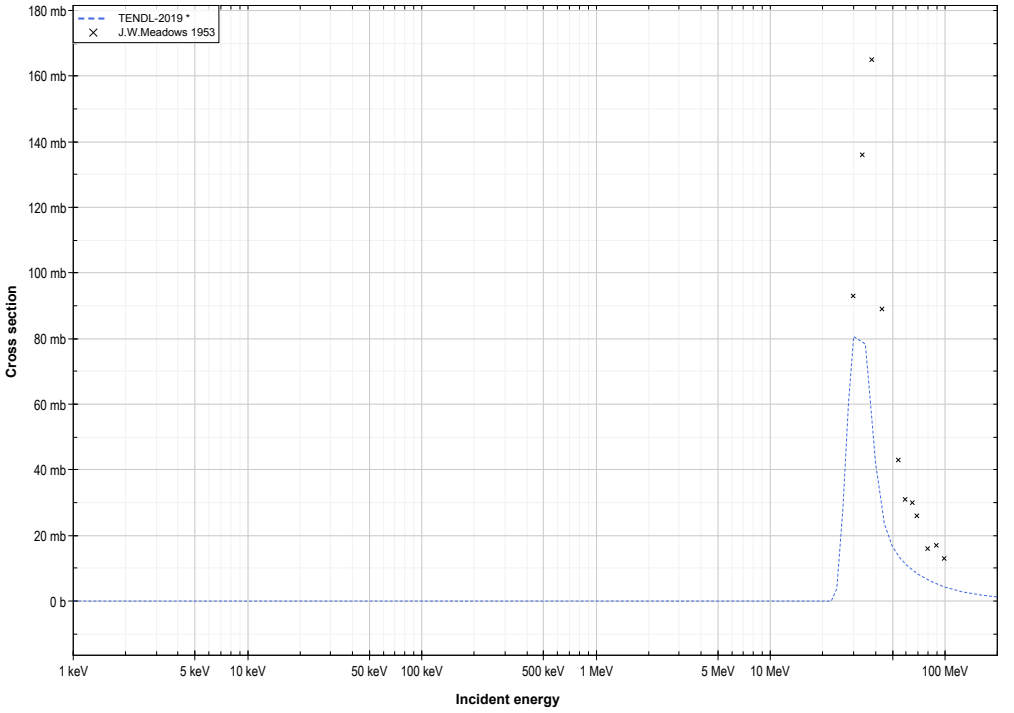
Reaction	Q-Value
Cu65(p,n)Zn65	-2134.05 keV

<< 29-Cu-63	**29-Cu-65**	30-Zn-68 >>
<< MT4 (p,n)	**MT17 (p,3n) or MT5 (Zn63 production)**	MT28 (p,n+p) >>

Cu65 (p,3n) or Zn63 production log-log



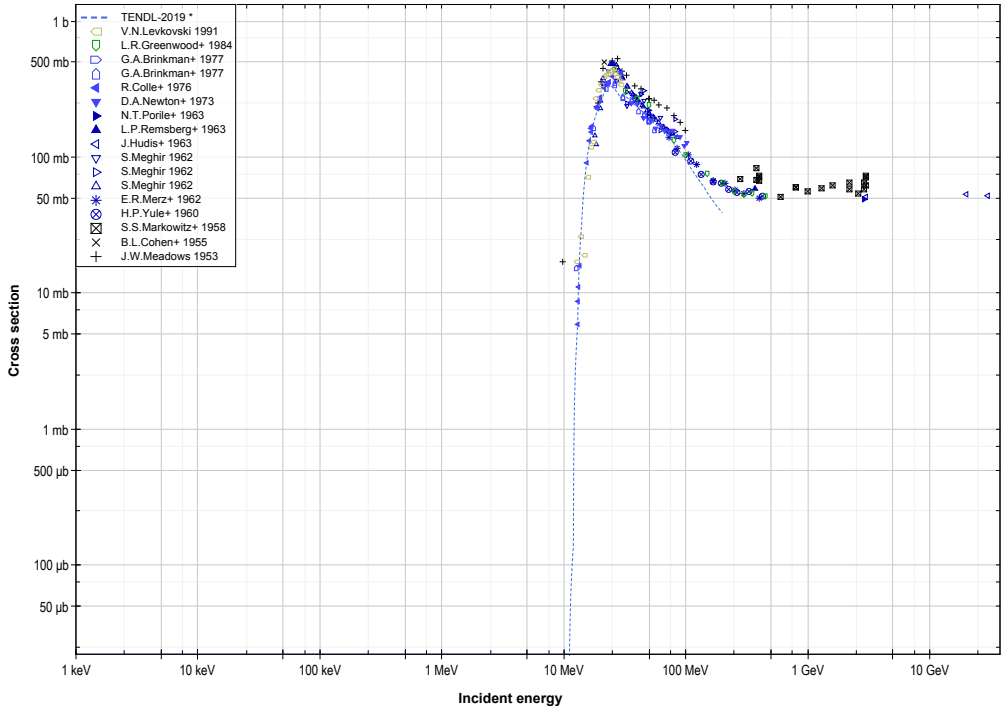
Cu65 (p,3n) or Zn63 production lin-log



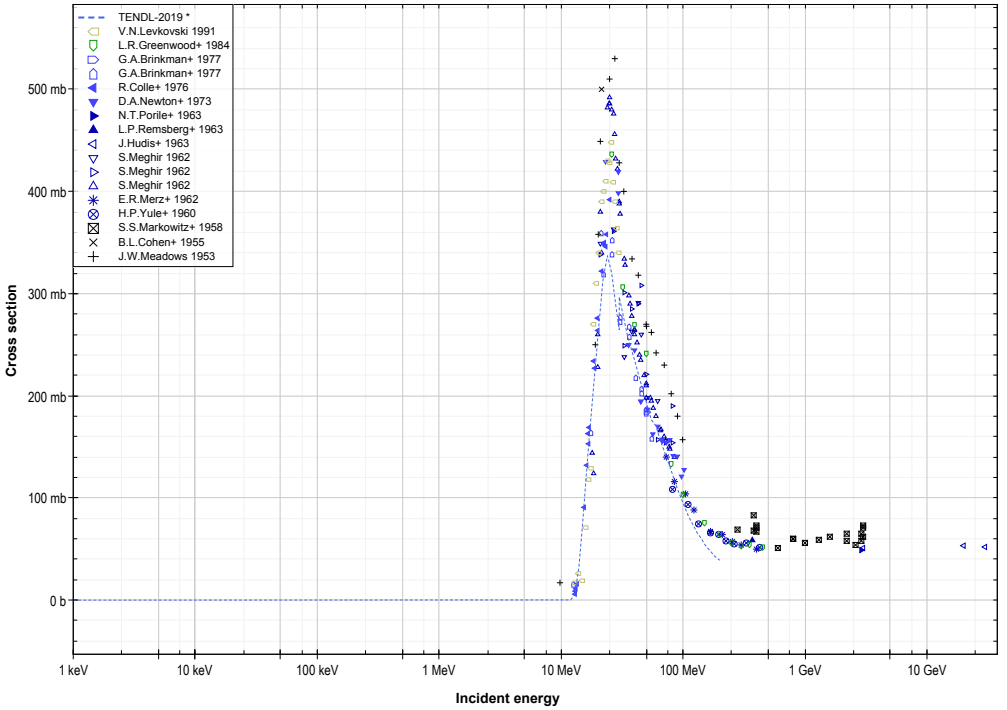
Reaction	Q-Value
Cu65(p,3n)Zn63	-21975.28 keV

<< 29-Cu-63	**29-Cu-65**	30-Zn-64 >>
<< MT17 (p,3n)	**MT28 (p,n+p) or MT5 (Cu64 production)**	MT36 (p,n+t+2α) >>

Cu65 (p,n+p) or Cu64 production log-log



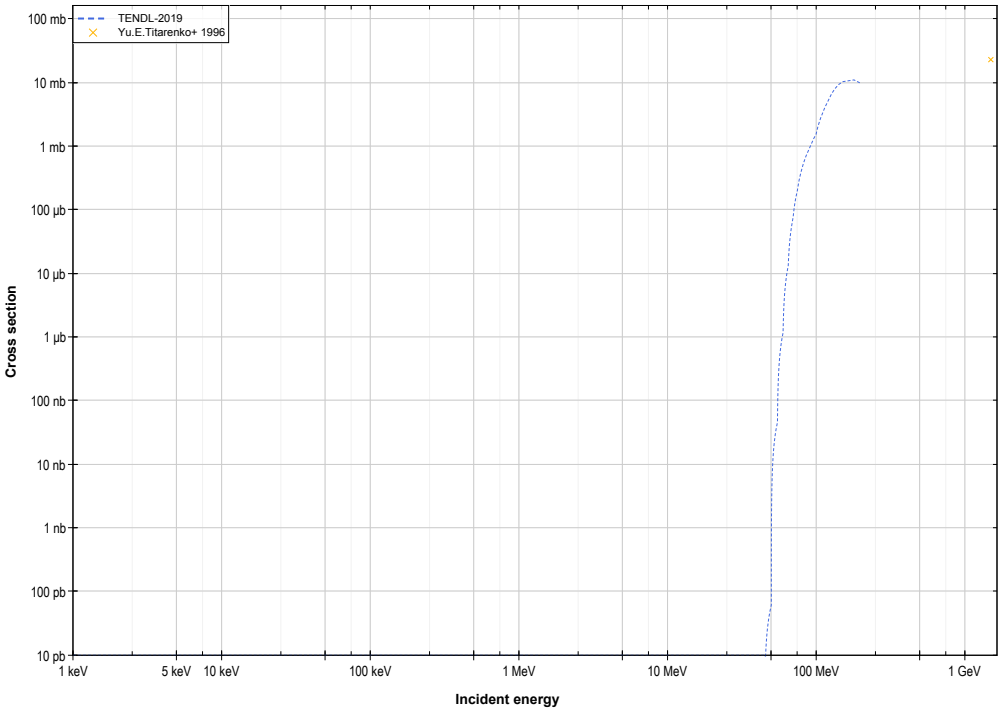
Cu65 (p,n+p) or Cu64 production lin-log



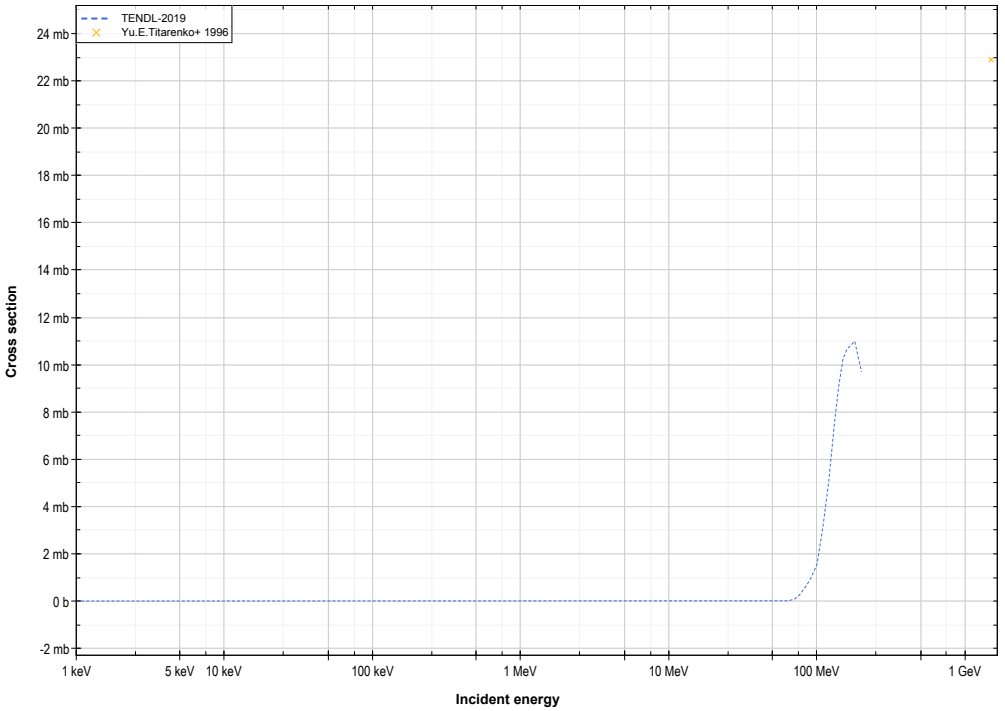
Reaction	Q-Value
Cu65(p,d)Cu64	-7685.95 keV
Cu65(p,n+p)Cu64	-9910.52 keV

<< 27-Co-59	**29-Cu-65**	32-Ge-76 >>
<< MT28 (p,n+p)	**MT36 (p,n+t+2α) or MT5 (Mn54 production)**	MT37 (p,4n) >>

Cu65 (p,n+t+2α) or Mn54 production log-log



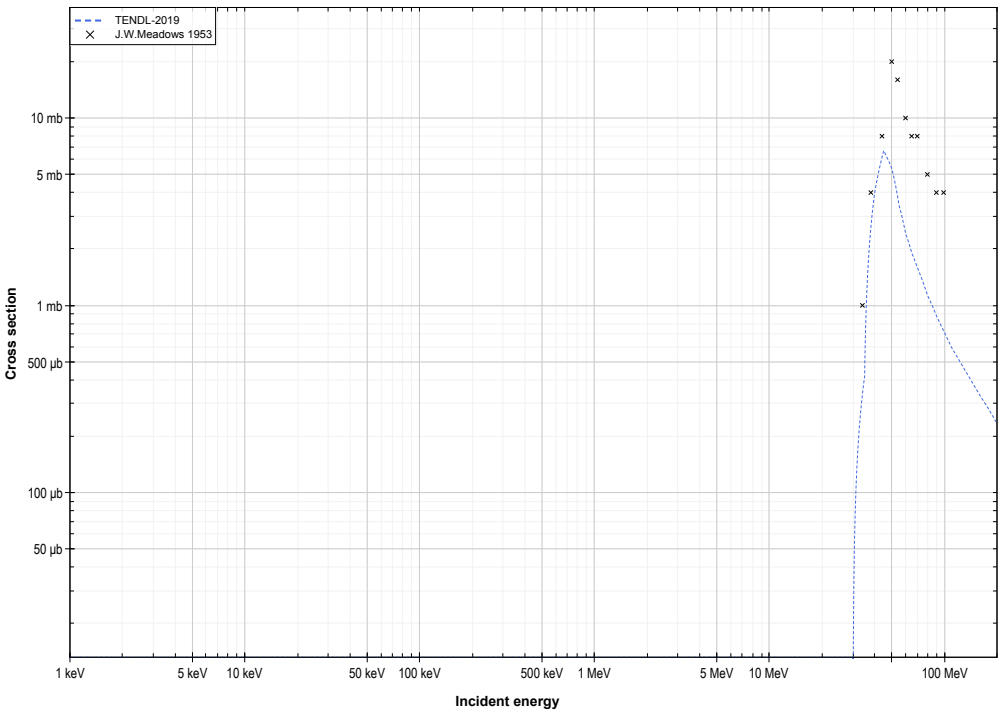
Cu65 (p,n+t+2α) or Mn54 production lin-log



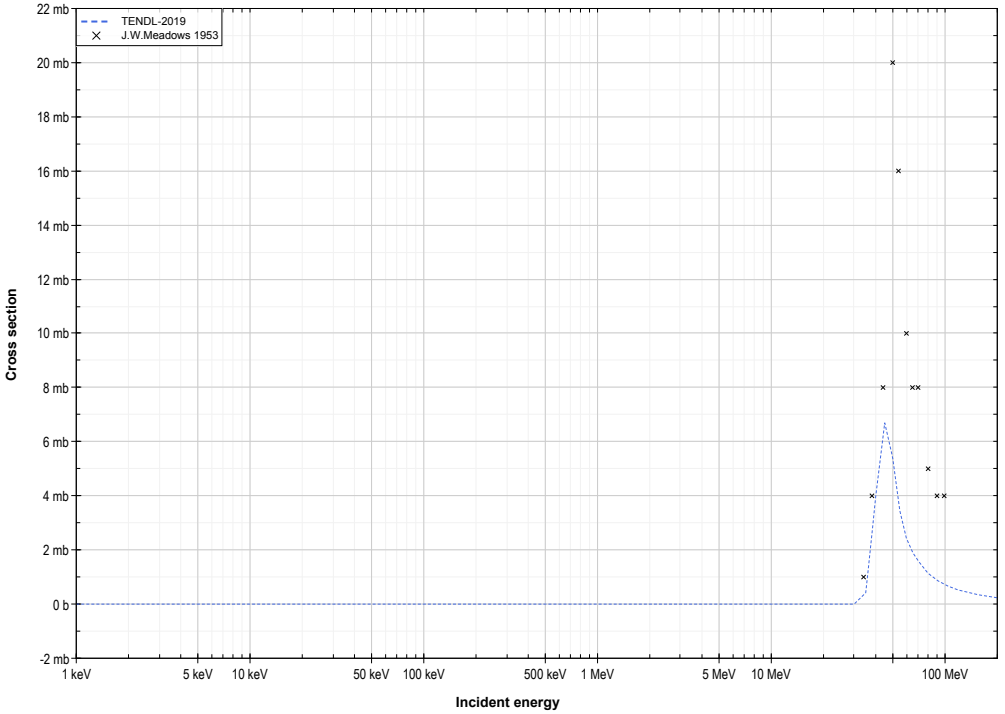
Reaction	Q-Value	Reaction	Q-Value
Cu65(p,n+t+2α)Mn54	-32288.09 keV	Cu65(p,3n+d+He3+α)Mn54	-59122.94 keV
Cu65(p,2n+d+2α)Mn54	-38545.32 keV	Cu65(p,3n+2p+t+α)Mn54	-60583.75 keV
Cu65(p,3n+p+2α)Mn54	-40769.88 keV	Cu65(p,4n+p+He3+α)Mn54	-61347.50 keV
Cu65(p,d+2t+α)Mn54	-49877.39 keV	Cu65(p,2n+3d+α)Mn54	-62391.84 keV
Cu65(p,n+p+2t+α)Mn54	-52101.95 keV	Cu65(p,3t+He3)Mn54	-64197.78 keV
Cu65(p,2n+t+He3+α)Mn54	-52865.71 keV	Cu65(p,3n+p+2d+α)Mn54	-64616.41 keV
Cu65(p,n+2d+t+α)Mn54	-56134.62 keV	Cu65(p,4n+2p+d+α)Mn54	-66840.98 keV
Cu65(p,2n+p+d+t+α)Mn54	-58359.18 keV	Cu65(p,5n+3p+α)Mn54	-69065.54 keV

<< 27-Co-59	**29-Cu-65**	31-Ga-69 >>
<< MT36 (p,n+t+2α)	**MT37 (p,4n) or MT5 (Zn62 production)**	MT102 (p,γ) >>

Cu65 (p,4n) or Zn62 production log-log



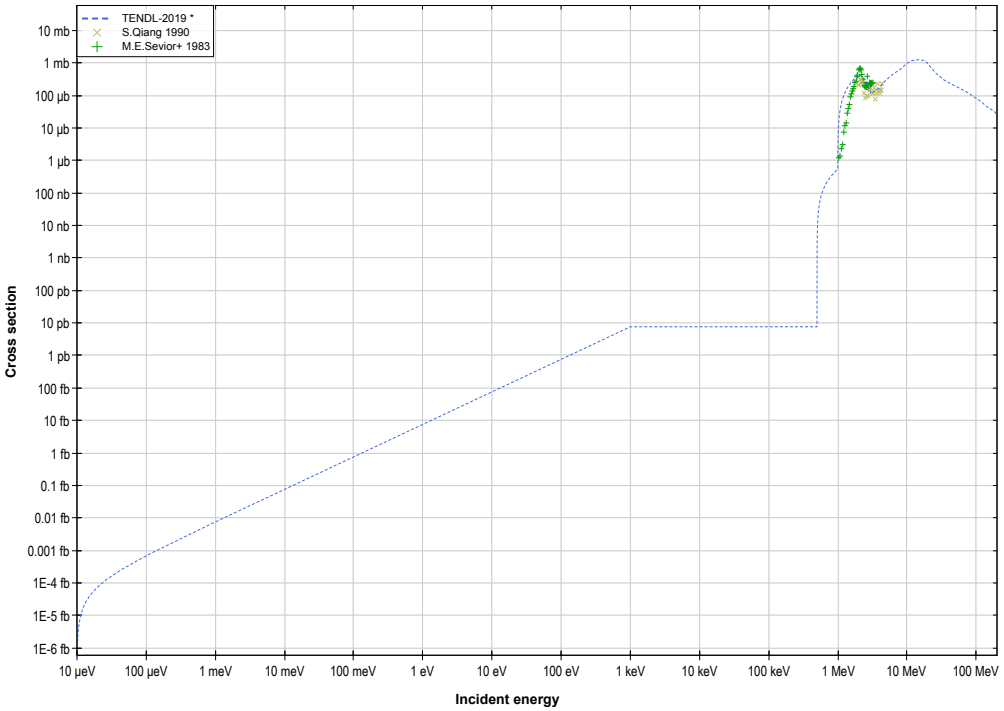
Cu65 (p,4n) or Zn62 production lin-log



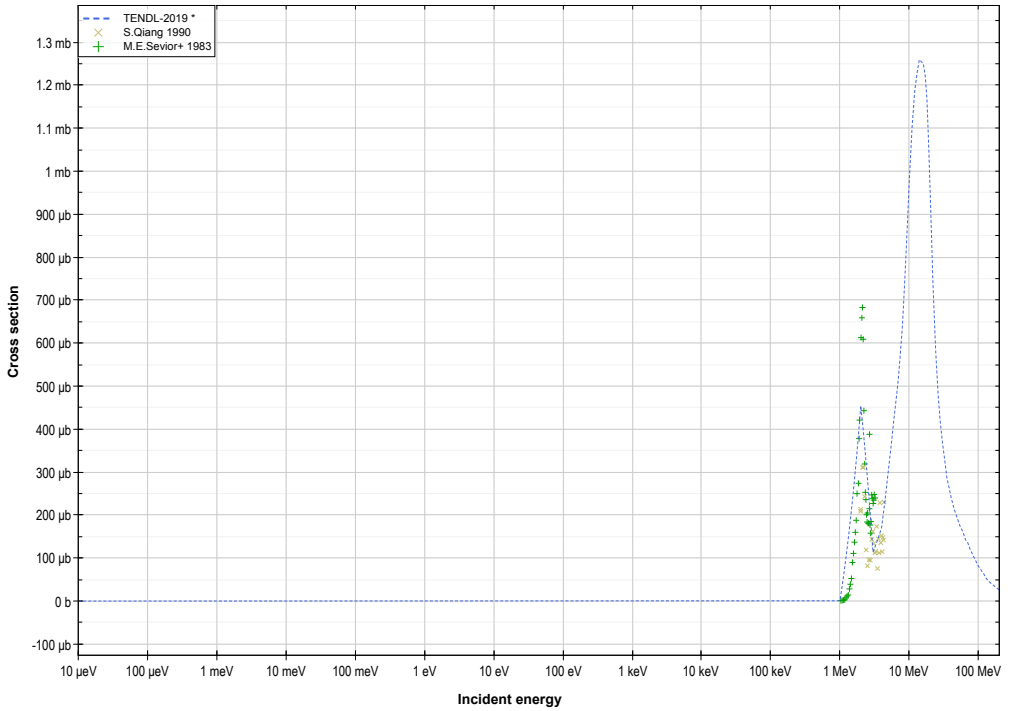
Reaction	Q-Value
Cu65(p,4n)Zn62	-31092.00 keV

<< 29-Cu-63	**29-Cu-65**	30-Zn-64 >>
<< MT37 (p,4n)	**MT102 (p,γ) or MT5 (Zn66 production)**	MT103 (p,p) >>

Cu65 (p,γ) or Zn66 production log-log



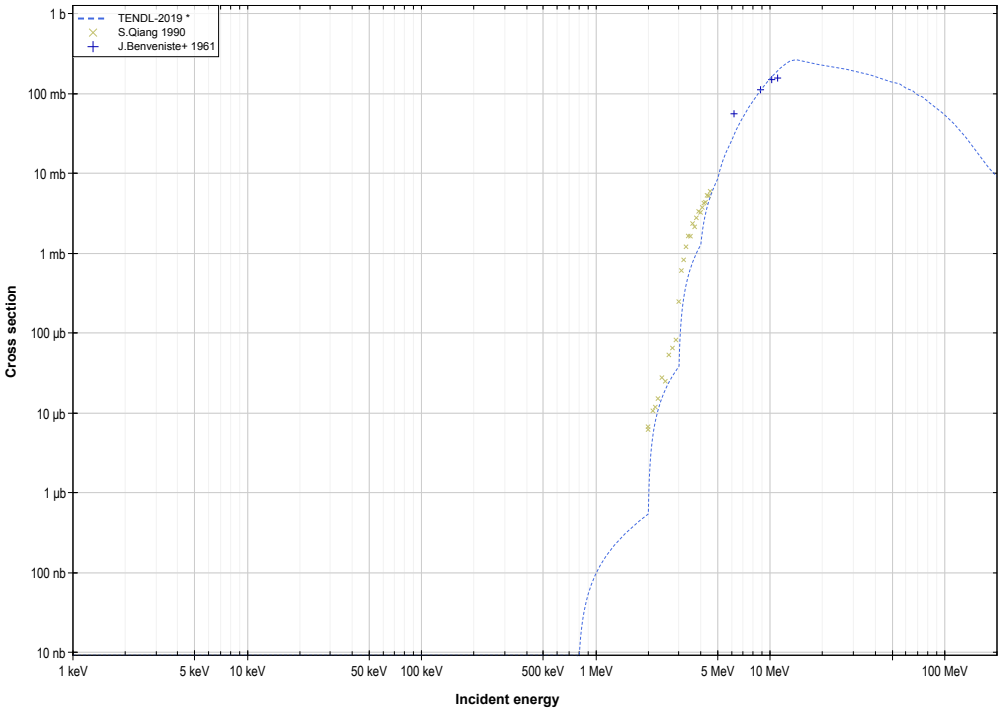
Cu65 (p,γ) or Zn66 production lin-log



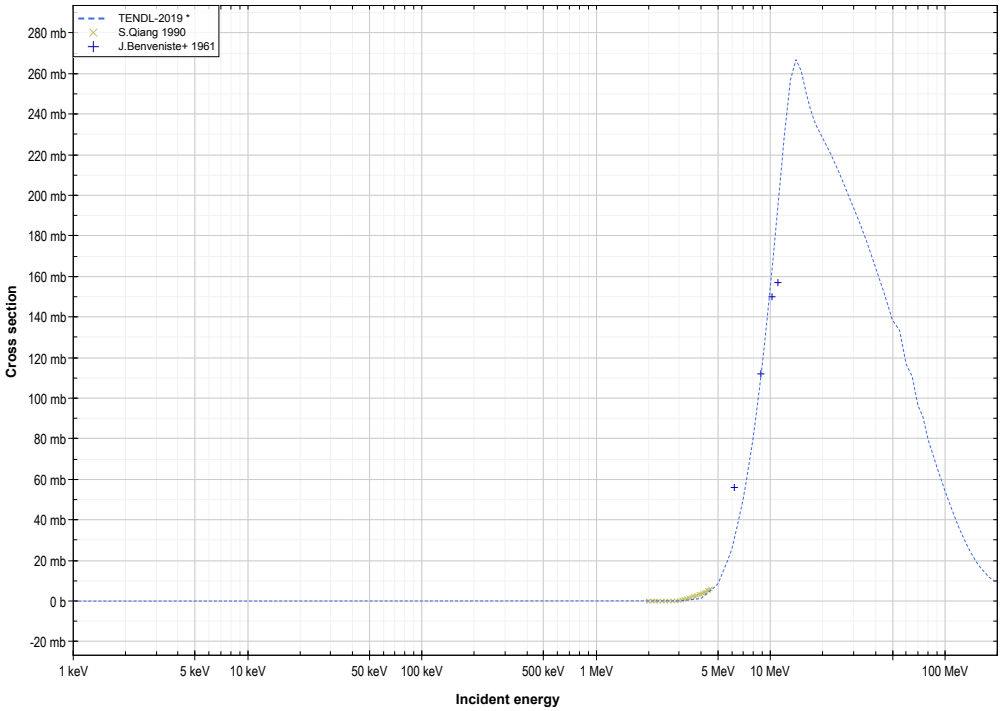
Reaction	Q-Value
Cu65(p,γ)Zn66	8924.47 keV

<< 29-Cu-63	**29-Cu-65**	41-Nb-93 >>
<< MT102 (p,γ)	**MT103 (p,p) or MT5 (Cu65 production)**	MT104 (p,d) >>

Cu65 (p,p) or Cu65 production log-log



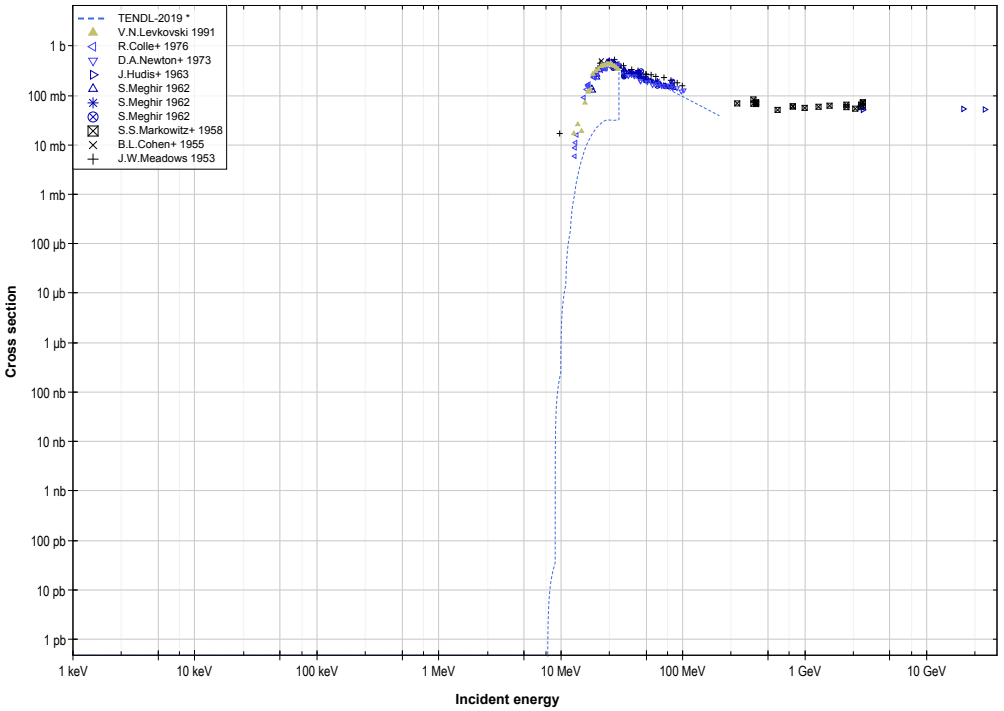
Cu65 (p,p) or Cu65 production lin-log



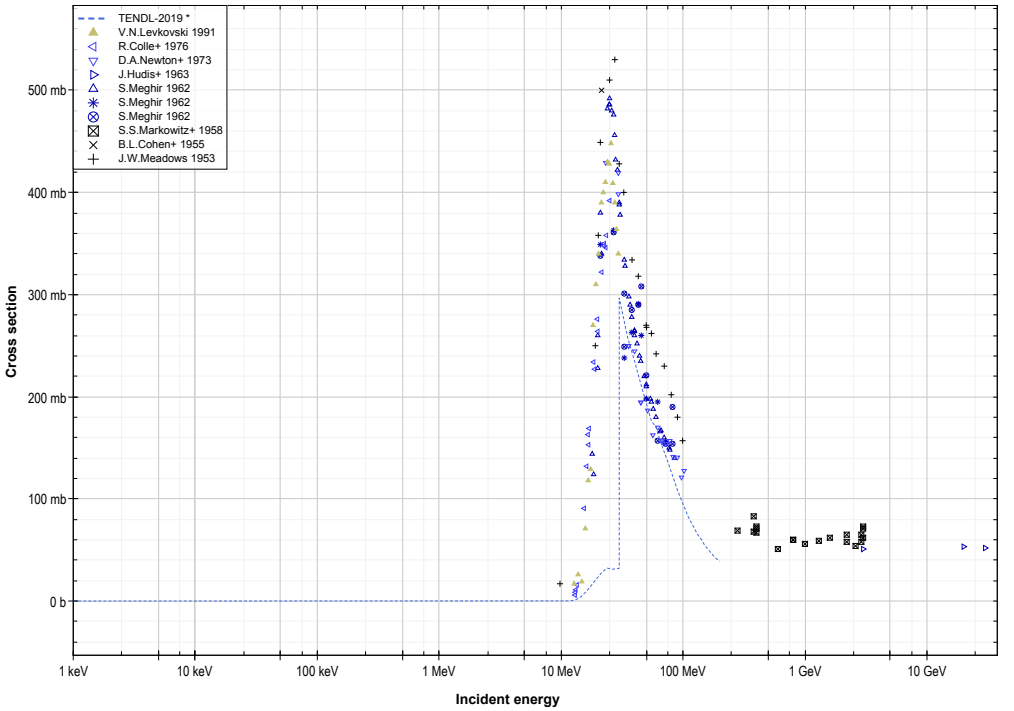
Reaction	Q-Value
Cu65(p,p)Cu65	0.00 keV

<< 29-Cu-63	**29-Cu-65**	30-Zn-64 >>
<< MT103 (p,p)	**MT104 (p,d) or MT5 (Cu64 production)**	MT107 (p,α) >>

Cu65 (p,d) or Cu64 production log-log



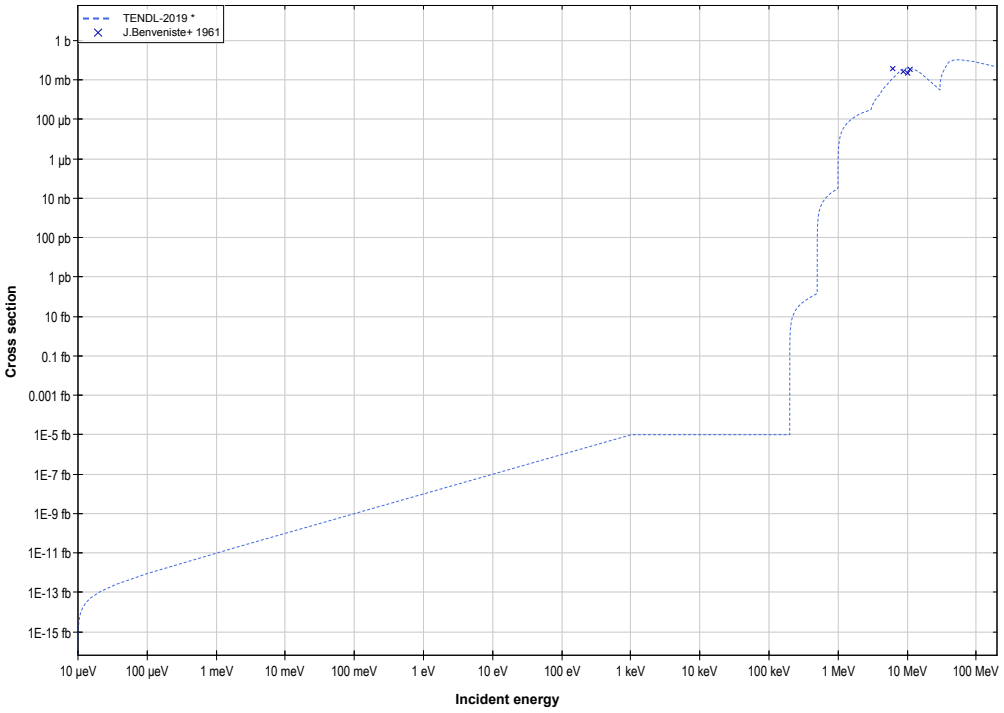
Cu65 (p,d) or Cu64 production lin-log



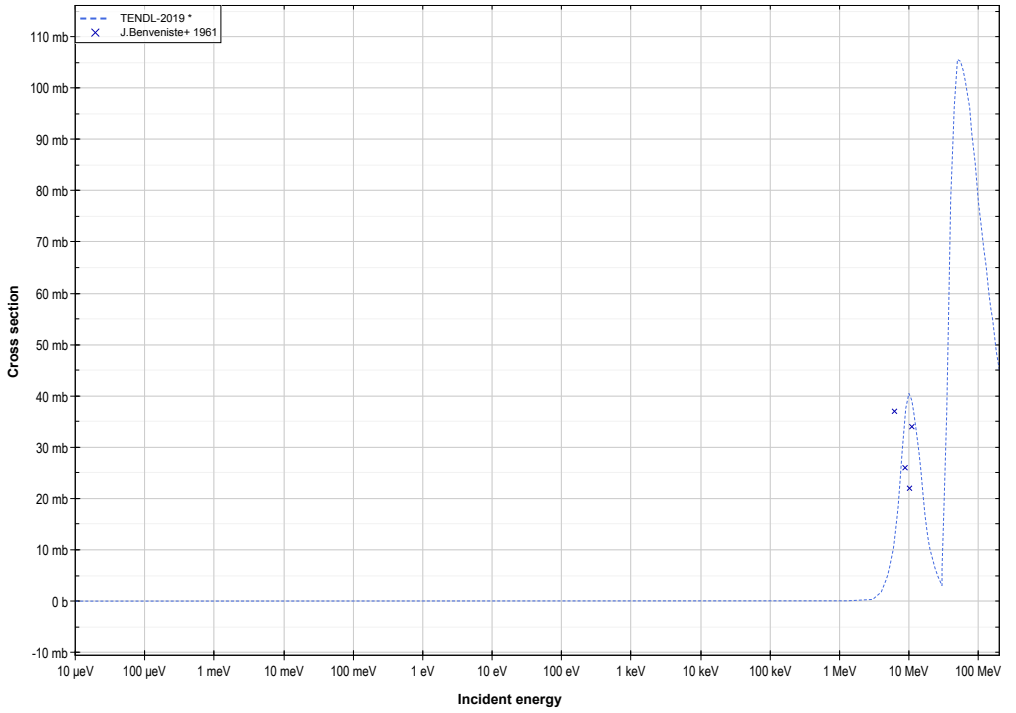
Reaction	Q-Value
Cu65(p,d)Cu64	-7685.95 keV
Cu65(p,n+p)Cu64	-9910.52 keV

<< 29-Cu-63	**29-Cu-65**	30-Zn-64 >>
<< MT104 (p,d)	**MT107 (p,α) or MT5 (Ni62 production)**	MT166 (p,5n+α) >>

Cu65 (p,α) or Ni62 production log-log



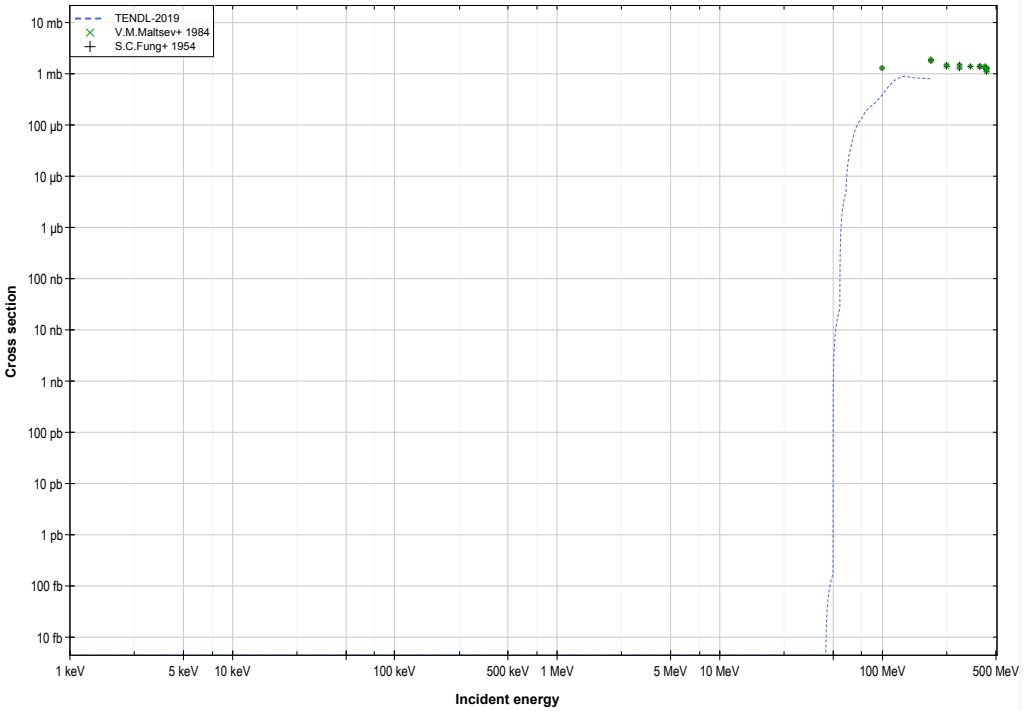
Cu65 (p,α) or Ni62 production lin-log



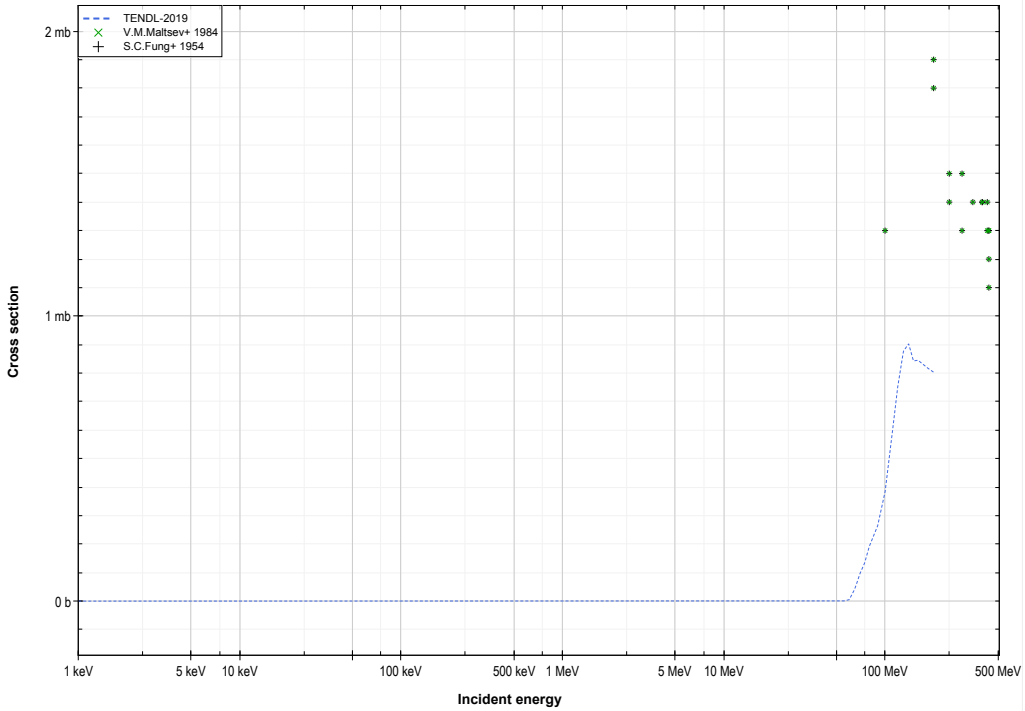
Reaction	Q-Value
Cu65(p,α)Ni62	4346.65 keV
Cu65(p,p+t)Ni62	-15467.21 keV
Cu65(p,n+He3)Ni62	-16230.96 keV
Cu65(p,2d)Ni62	-19499.87 keV
Cu65(p,n+p+d)Ni62	-21724.44 keV
Cu65(p,2n+2p)Ni62	-23949.00 keV

	29-Cu-65	50-Sn-118 >>
<< MT107 (p,α)	**MT166 (p,5n+α) or MT5 (Ni57 production)**	30-Zn-64 MT4 (p,n) >>

Cu65 (p,5n+α) or Ni57 production log-log



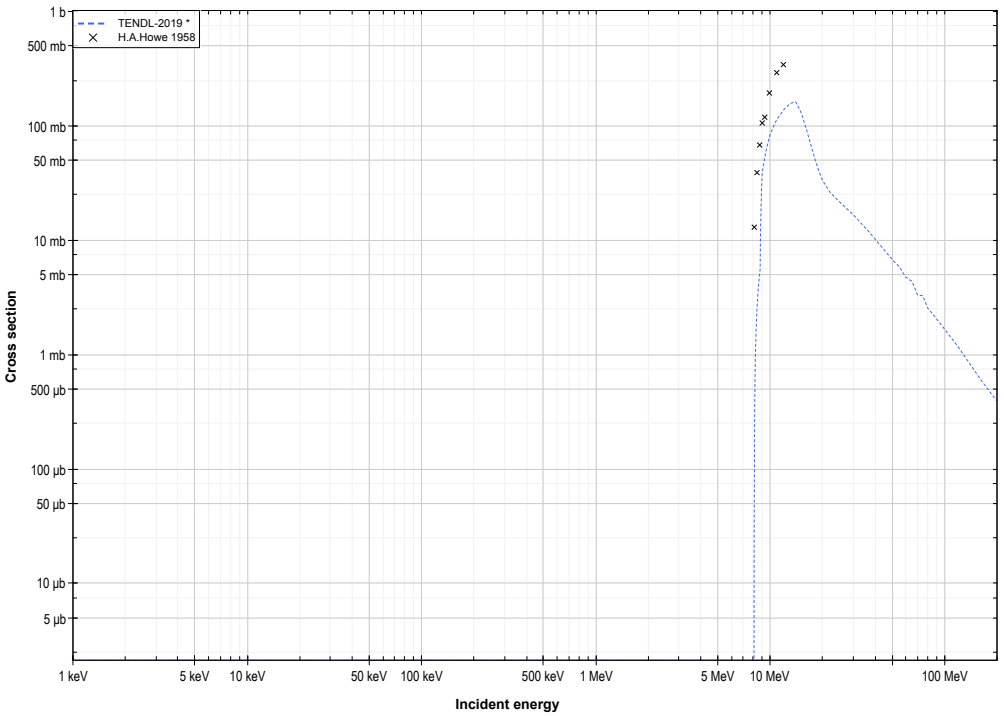
Cu65 (p,5n+α) or Ni57 production lin-log



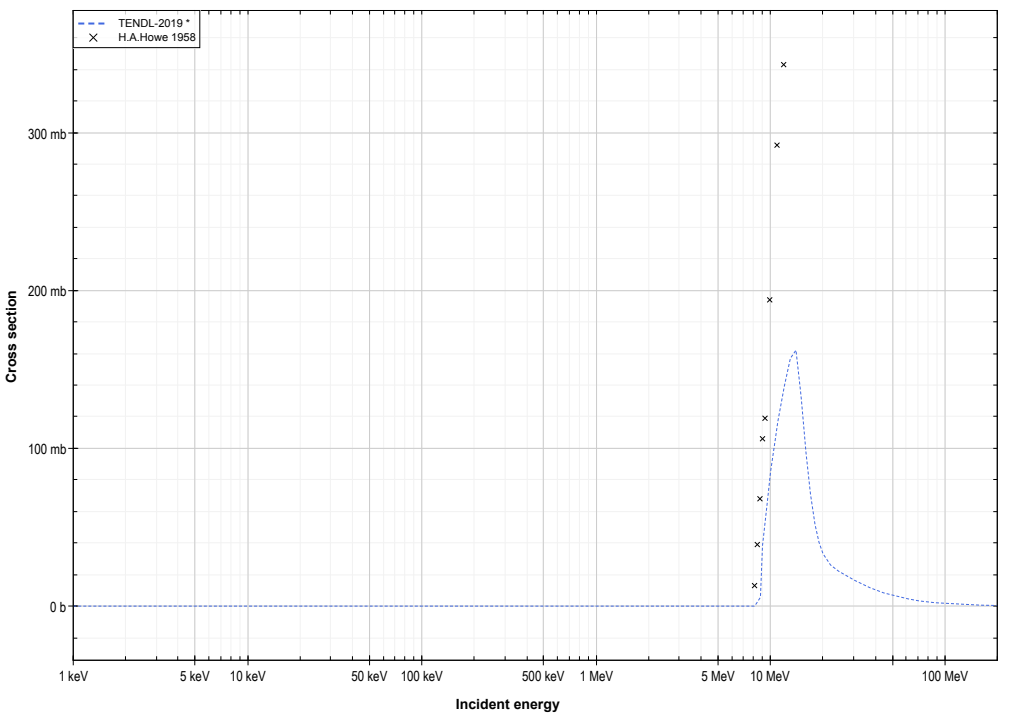
Reaction	Q-Value
Cu65(p,5n+α)Ni57	-46672.43 keV
Cu65(p,3n+2t)Ni57	-58004.50 keV
Cu65(p,4n+d+t)Ni57	-64261.73 keV
Cu65(p,5n+p+t)Ni57	-66486.30 keV
Cu65(p,6n+He3)Ni57	-67250.05 keV
Cu65(p,5n+2d)Ni57	-70518.96 keV
Cu65(p,6n+p+d)Ni57	-72743.52 keV
Cu65(p,7n+2p)Ni57	-74968.09 keV

<< 29-Cu-65	**30-Zn-64**	30-Zn-66 >>
<< 29-Cu-65 MT166 (p,5n+α)	**MT4 (p,n) or MT5 (Ga64 production)**	MT22 (p,n+α) >>

Zn64 (p,n) or Ga64 production log-log



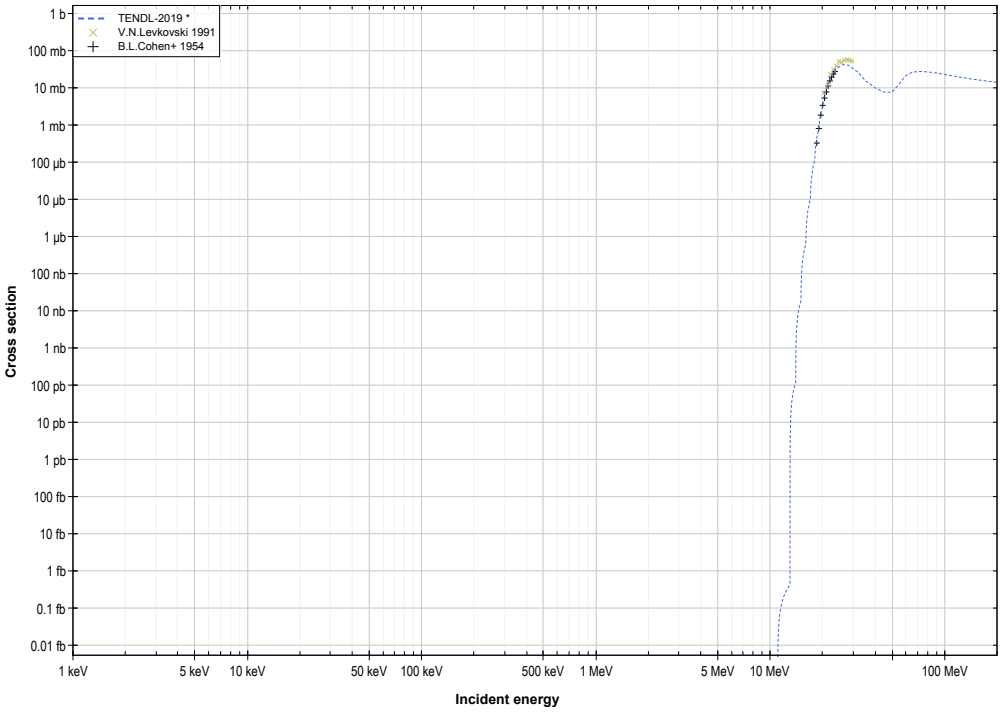
Zn64 (p,n) or Ga64 production lin-log



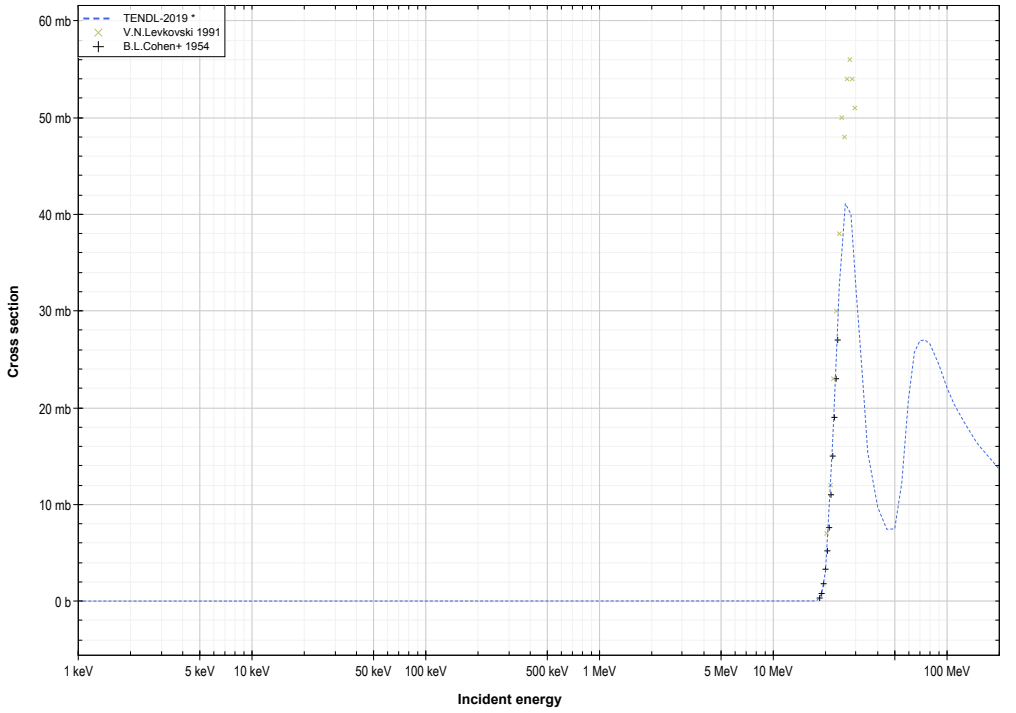
Reaction	Q-Value
Zn64(p,n)Ga64	-7953.55 keV

<< 28-Ni-64	**30-Zn-64**	30-Zn-68 >>
<< MT4 (p,n)	**MT22 (p,n+α) or MT5 (Cu60 production)**	MT28 (p,n+p) >>

Zn64 (p,n+α) or Cu60 production log-log



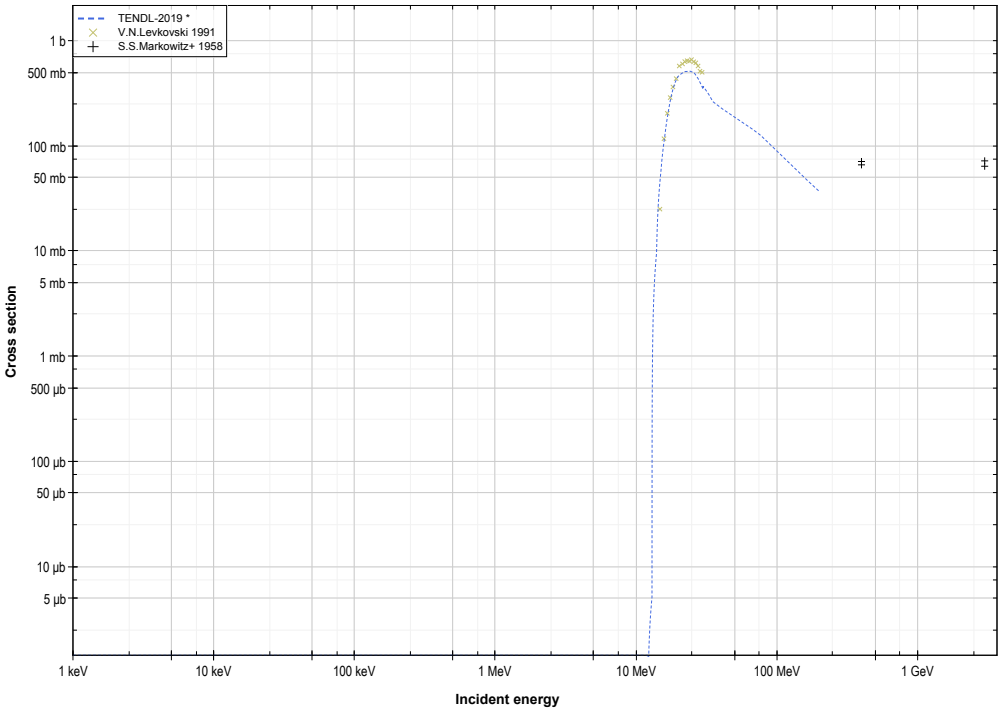
Zn64 (p,n+α) or Cu60 production lin-log



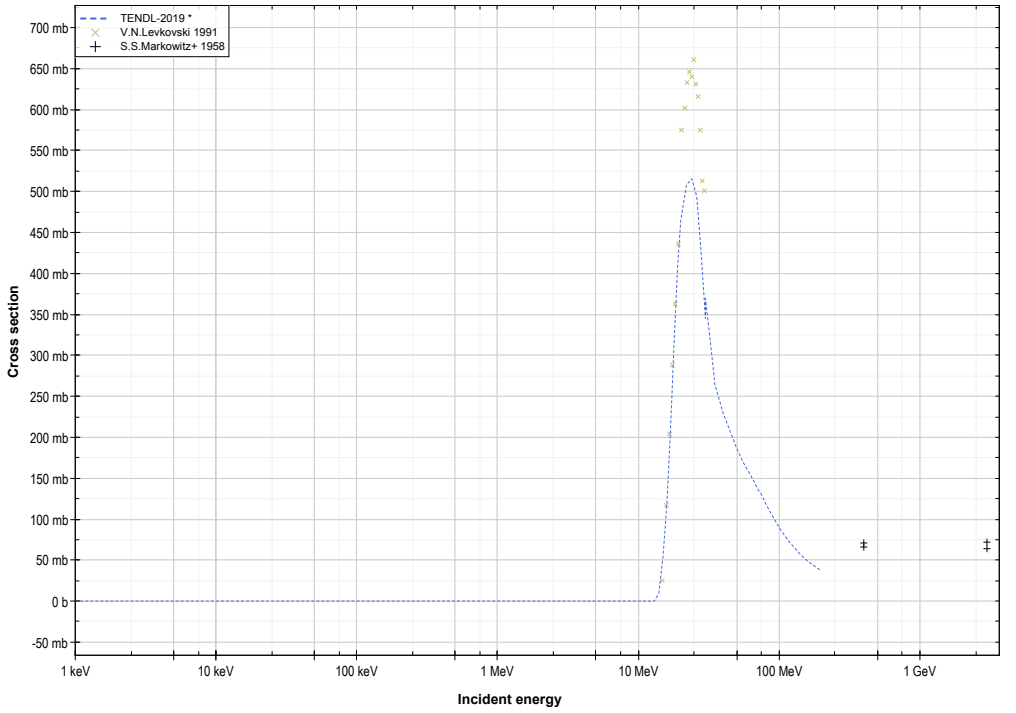
Reaction	Q-Value
Zn64(p,n+α)Cu60	-10866.16 keV
Zn64(p,d+t)Cu60	-28455.46 keV
Zn64(p,n+p+t)Cu60	-30680.03 keV
Zn64(p,2n+He3)Cu60	-31443.78 keV
Zn64(p,n+2d)Cu60	-34712.69 keV
Zn64(p,2n+p+d)Cu60	-36937.26 keV
Zn64(p,3n+2p)Cu60	-39161.82 keV

<< 29-Cu-65	**30-Zn-64**	30-Zn-66 >>
<< MT22 (p,n+α)	**MT28 (p,n+p) or MT5 (Zn63 production)**	MT32 (p,n+d) >>

Zn64 (p,n+p) or Zn63 production log-log



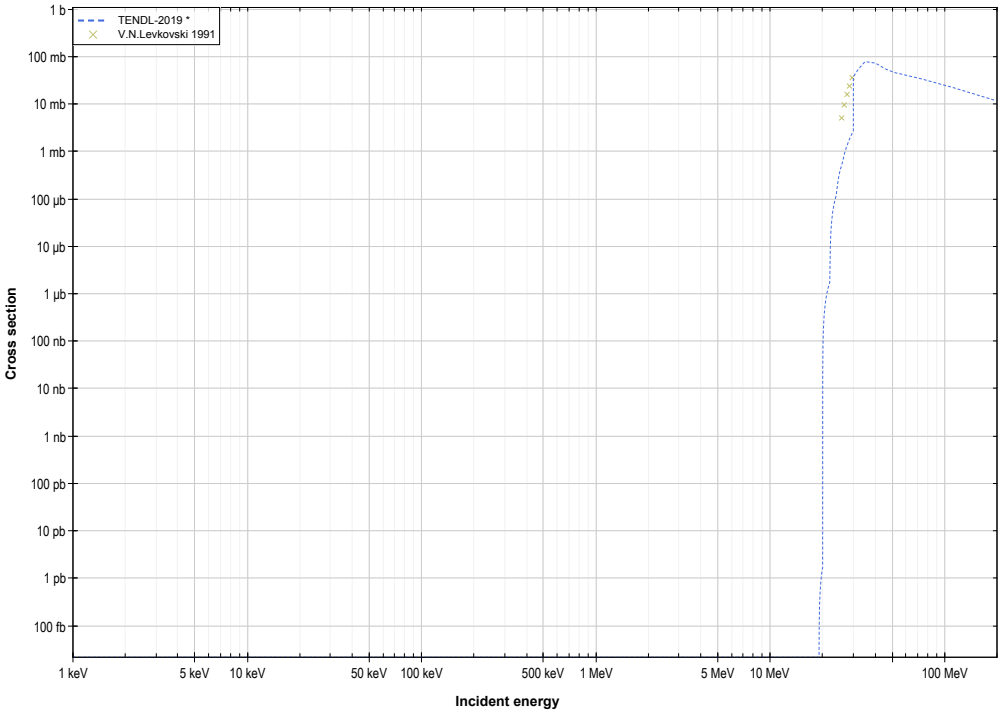
Zn64 (p,n+p) or Zn63 production lin-log



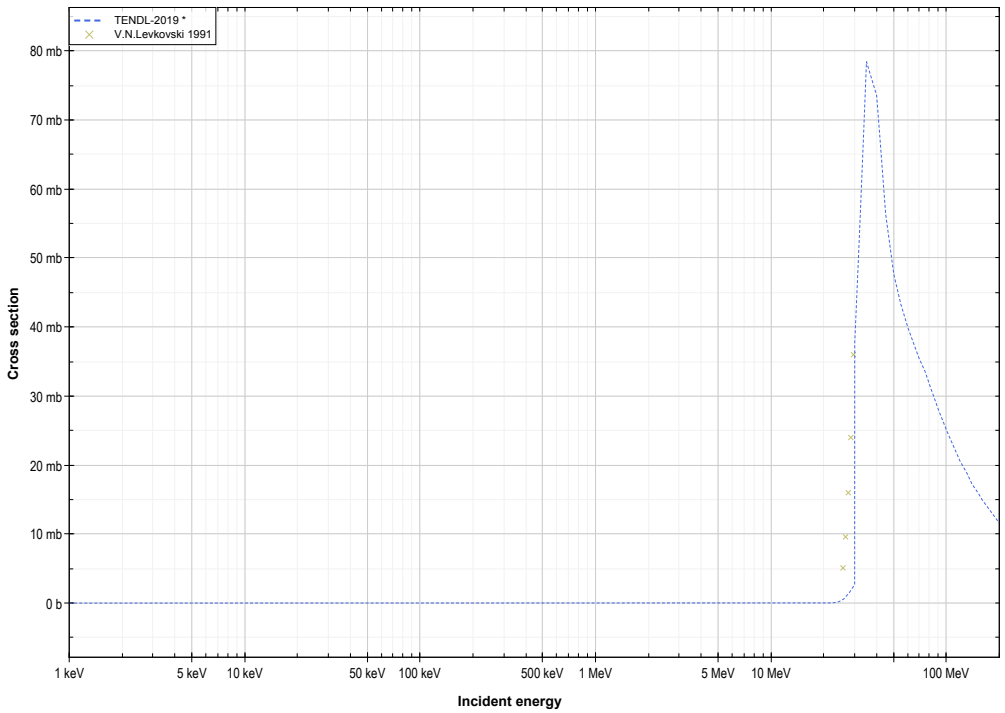
Reaction	Q-Value
Zn64(p,d)Zn63	-9637.35 keV
Zn64(p,n+p)Zn63	-11861.92 keV

<< 29-Cu-63	**30-Zn-64**	31-Ga-69 >>
<< MT28 (p,n+p)	**MT32 (p,n+d) or MT5 (Zn62 production)**	MT41 (p,2n+p) >>

Zn64 (p,n+d) or Zn62 production log-log



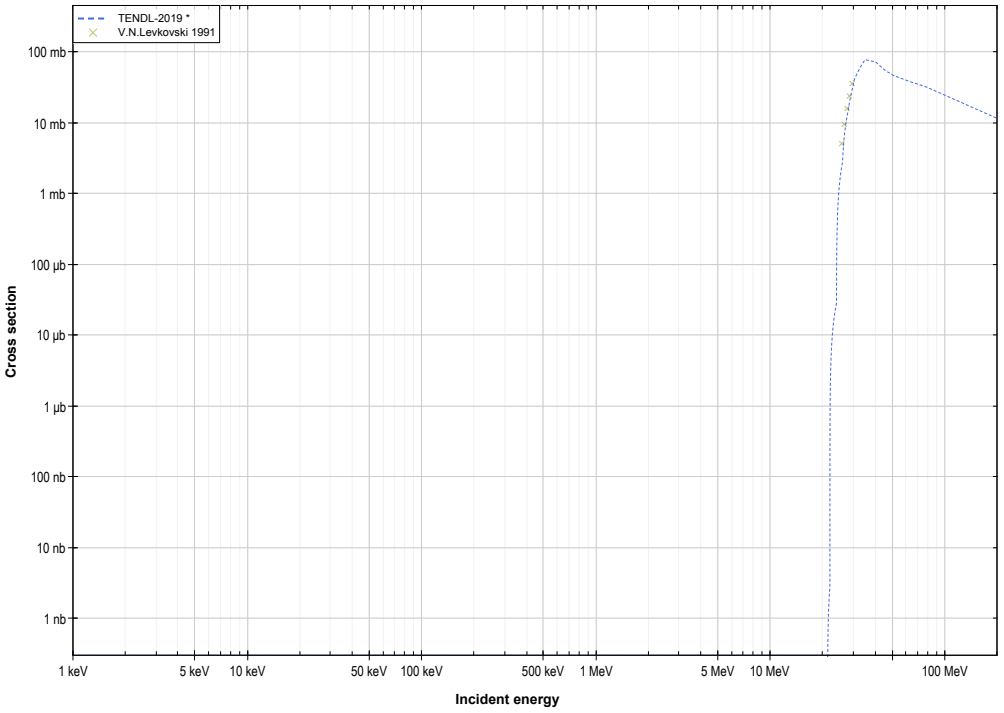
Zn64 (p,n+d) or Zn62 production lin-log



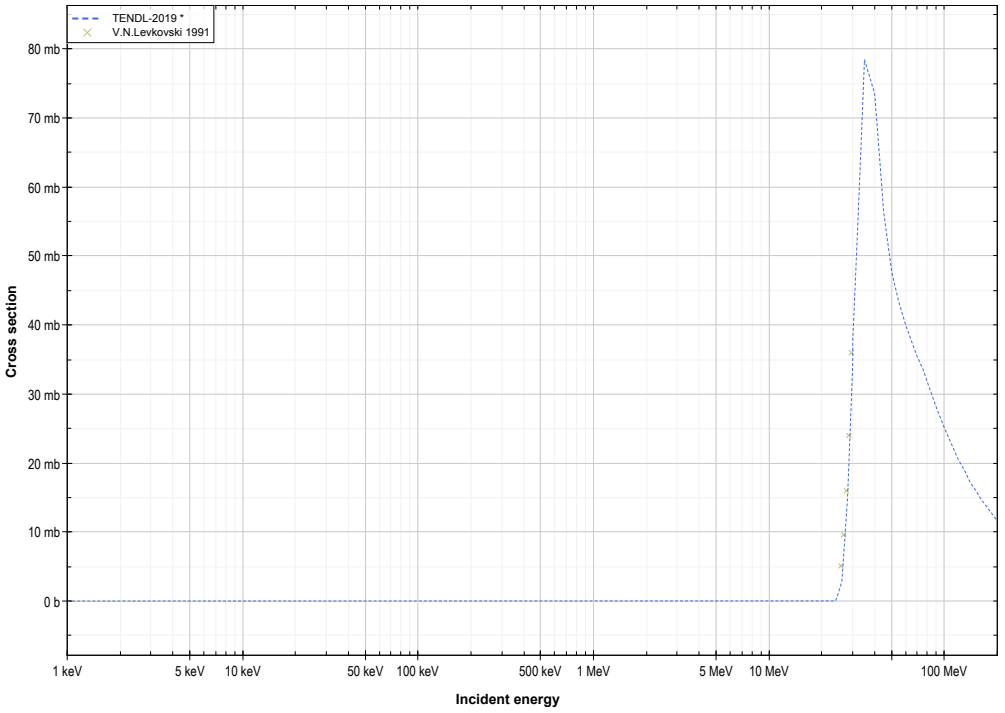
Reaction	Q-Value
Zn64(p,t)Zn62	-12496.84 keV
Zn64(p,n+d)Zn62	-18754.07 keV
Zn64(p,2n+p)Zn62	-20978.63 keV

<< 29-Cu-63	**30-Zn-64**	31-Ga-69 >>
<< MT32 (p,n+d)	**MT41 (p,2n+p) or MT5 (Zn62 production)**	MT102 (p,γ) >>

Zn64 (p,2n+p) or Zn62 production log-log



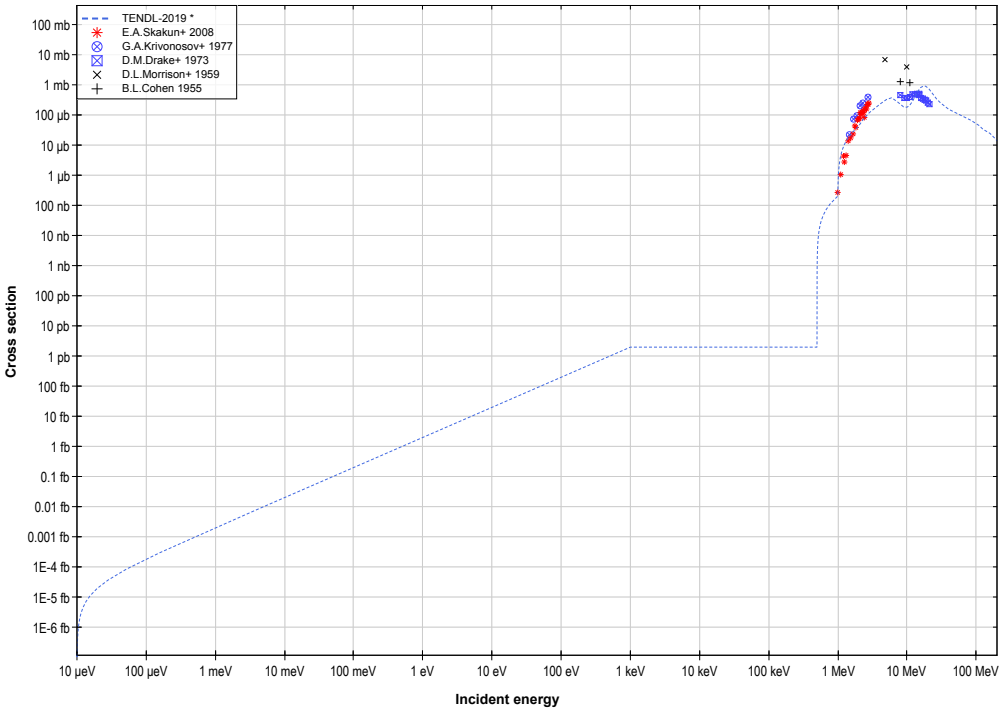
Zn64 (p,2n+p) or Zn62 production lin-log



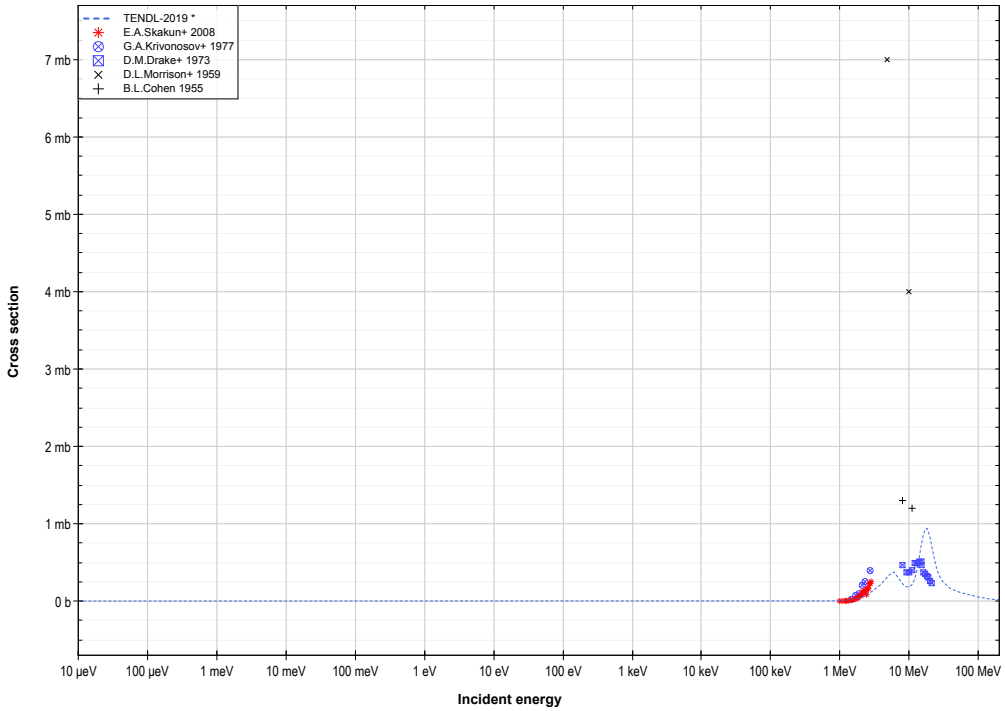
Reaction	Q-Value
Zn64(p,t)Zn62	-12496.84 keV
Zn64(p,n+d)Zn62	-18754.07 keV
Zn64(p,2n+p)Zn62	-20978.63 keV

<< 29-Cu-65	**30-Zn-64**	30-Zn-66 >>
<< MT41 (p,2n+p)	**MT102 (p,γ) or MT5 (Ga65 production)**	MT104 (p,d) >>

Zn64 (p,γ) or Ga65 production log-log



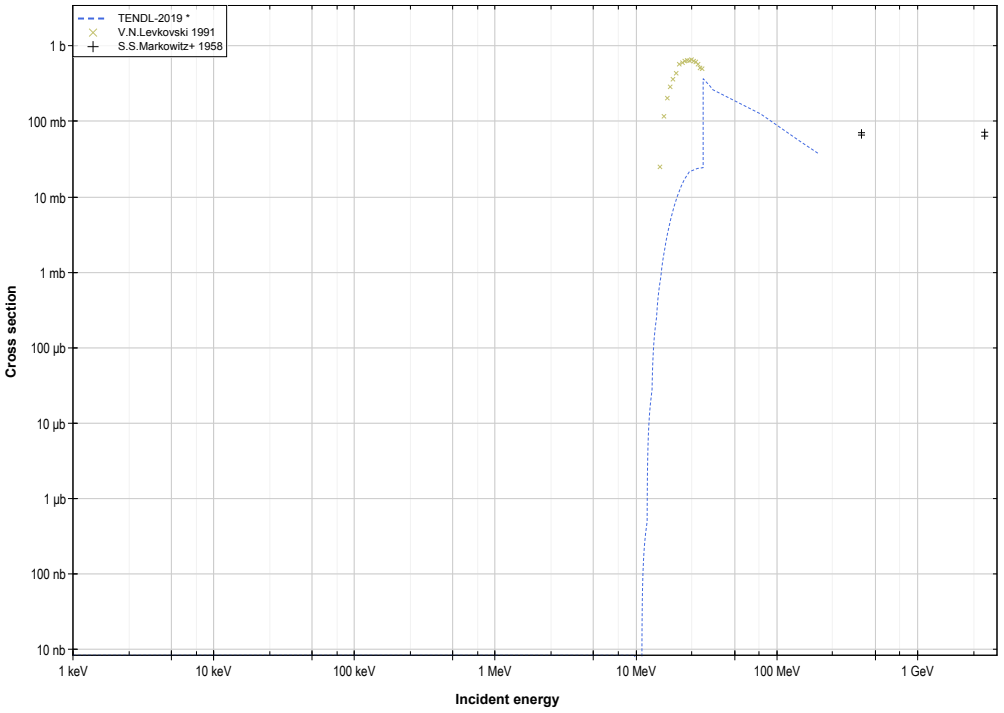
Zn64 (p,γ) or Ga65 production lin-log



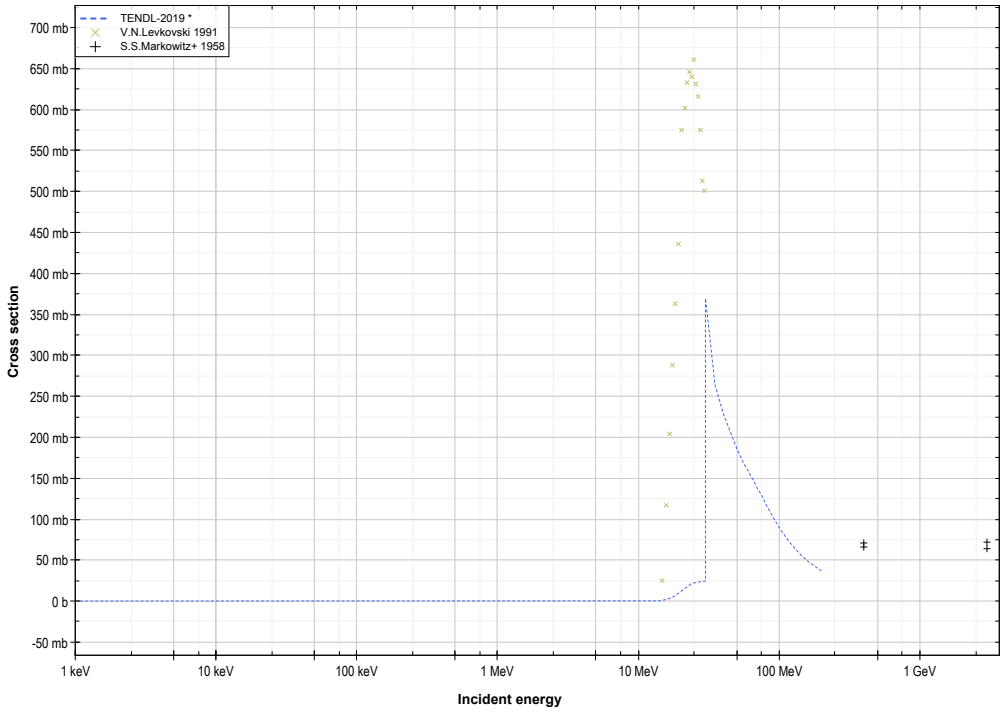
Reaction	Q-Value
Zn64(p,γ)Ga65	3942.47 keV

<< 29-Cu-65	**30-Zn-64**	30-Zn-66 >>
<< MT102 (p,γ)	**MT104 (p,d) or MT5 (Zn63 production)**	MT105 (p,t) >>

Zn64 (p,d) or Zn63 production log-log



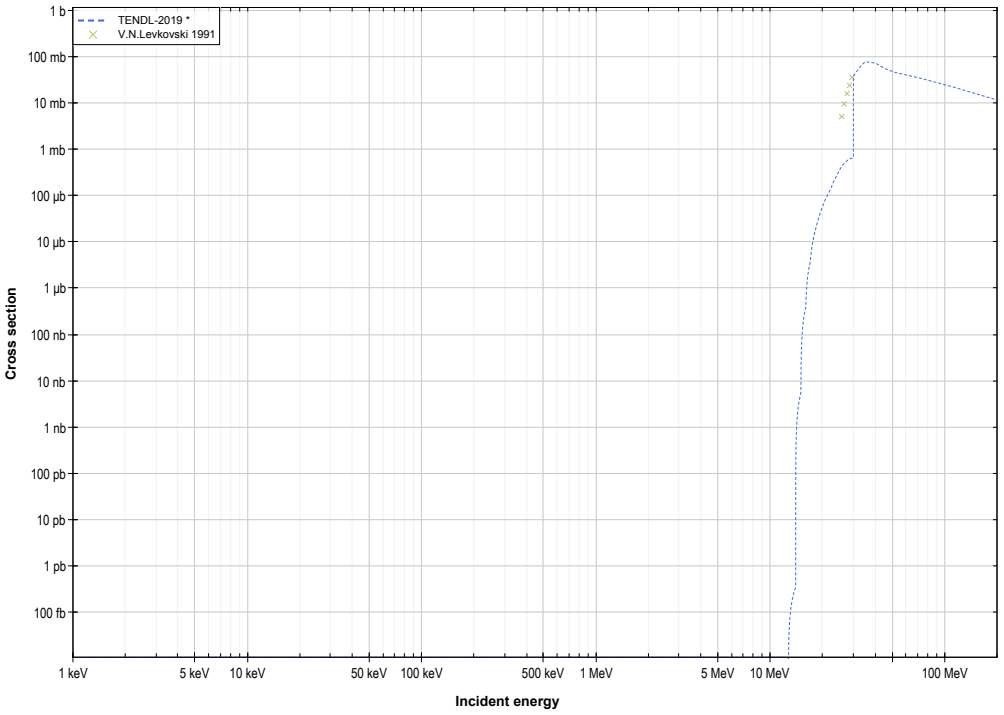
Zn64 (p,d) or Zn63 production lin-log



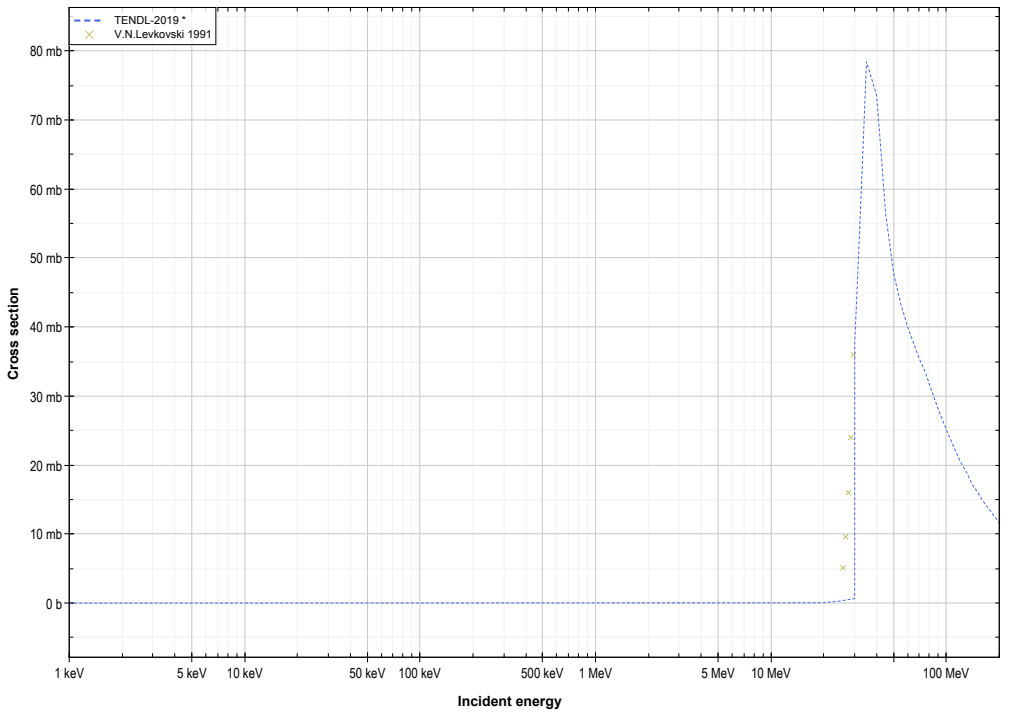
Reaction	Q-Value
Zn64(p,d)Zn63	-9637.35 keV
Zn64(p,n+p)Zn63	-11861.92 keV

<< 29-Cu-63	**30-Zn-64**	31-Ga-69 >>
<< MT104 (p,d)	**MT105 (p,t) or MT5 (Zn62 production)**	MT107 (p,α) >>

Zn64 (p,t) or Zn62 production log-log



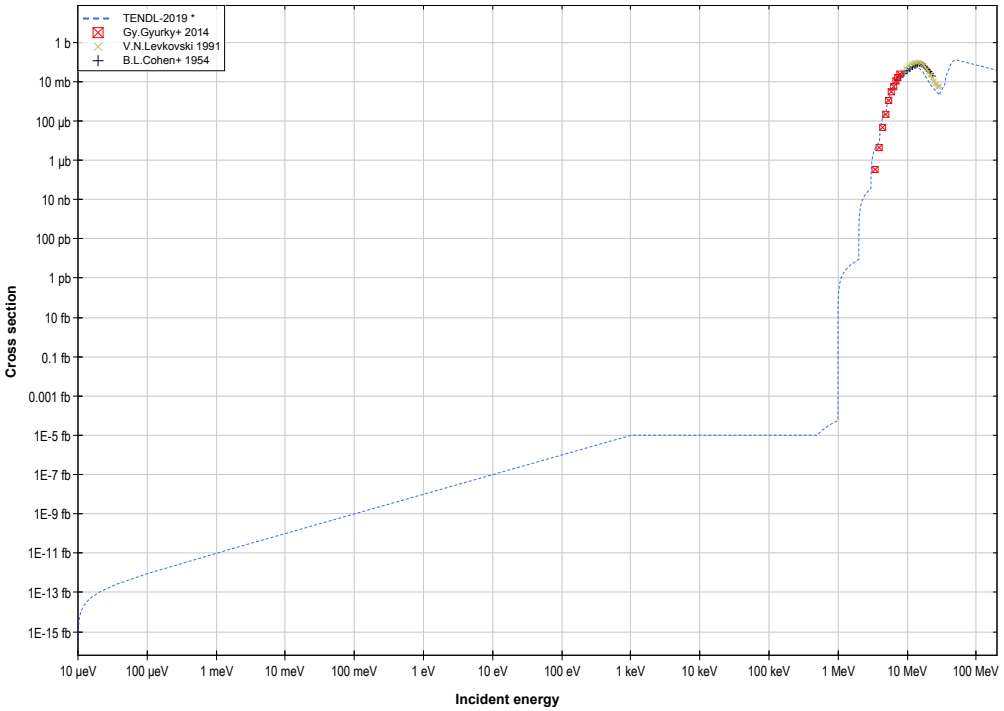
Zn64 (p,t) or Zn62 production lin-log



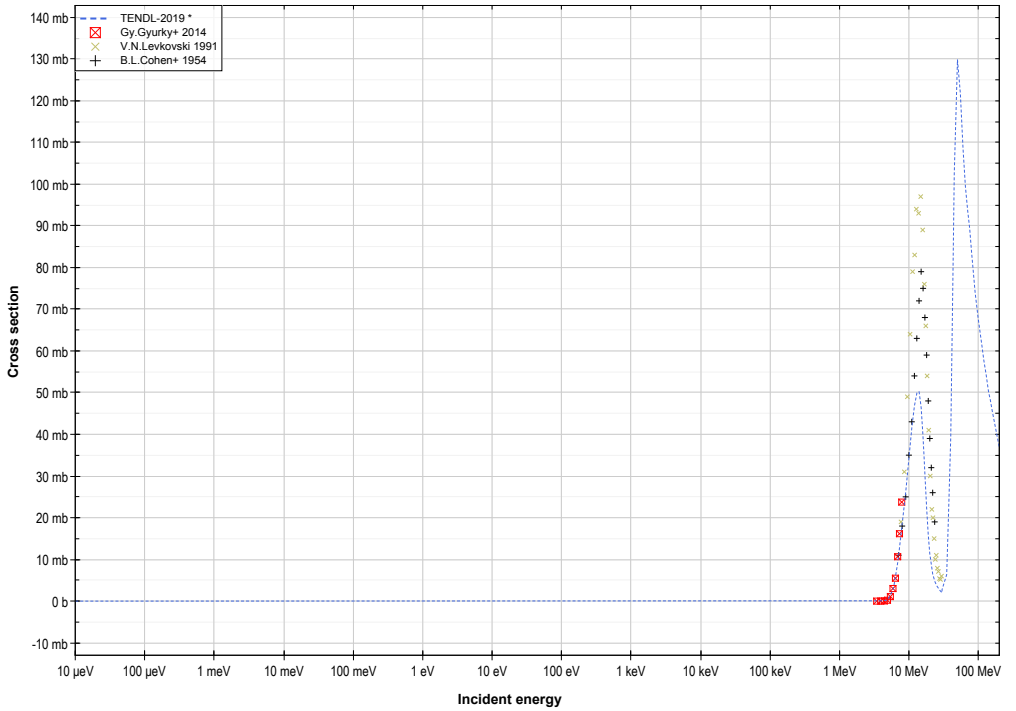
Reaction	Q-Value
Zn64(p,t)Zn62	-12496.84 keV
Zn64(p,n+d)Zn62	-18754.07 keV
Zn64(p,2n+p)Zn62	-20978.63 keV

<< 29-Cu-65	**30-Zn-64**	30-Zn-67 >>
<< MT105 (p,t)	**MT107 (p,α) or MT5 (Cu61 production)**	MT176 (p,2n+³He) >>

Zn64 (p,α) or Cu61 production log-log



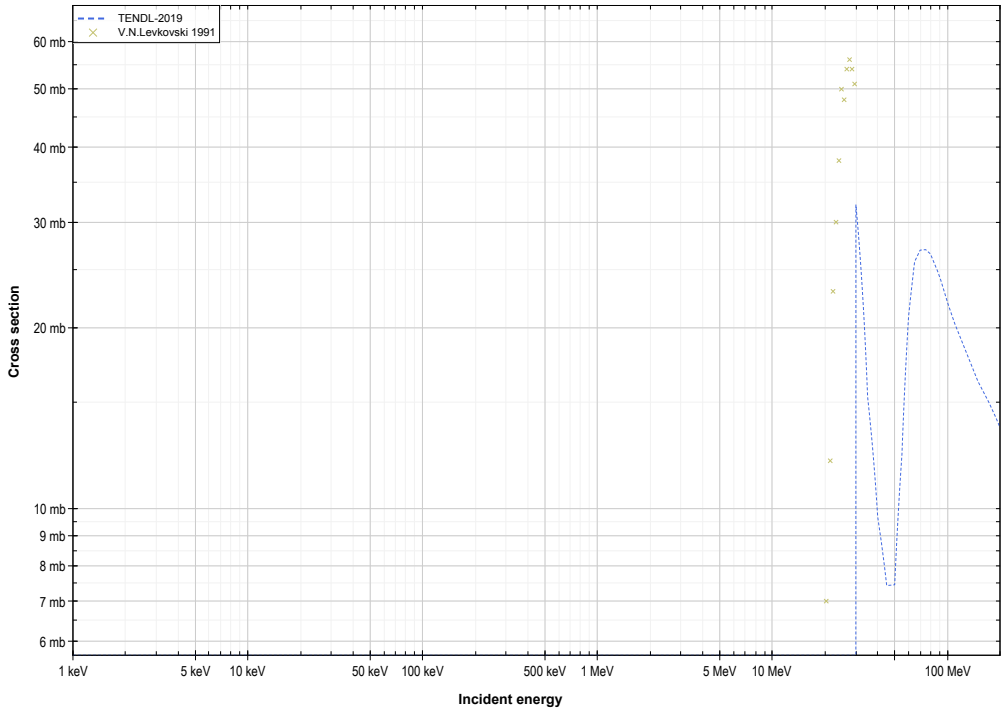
Zn64 (p,α) or Cu61 production lin-log



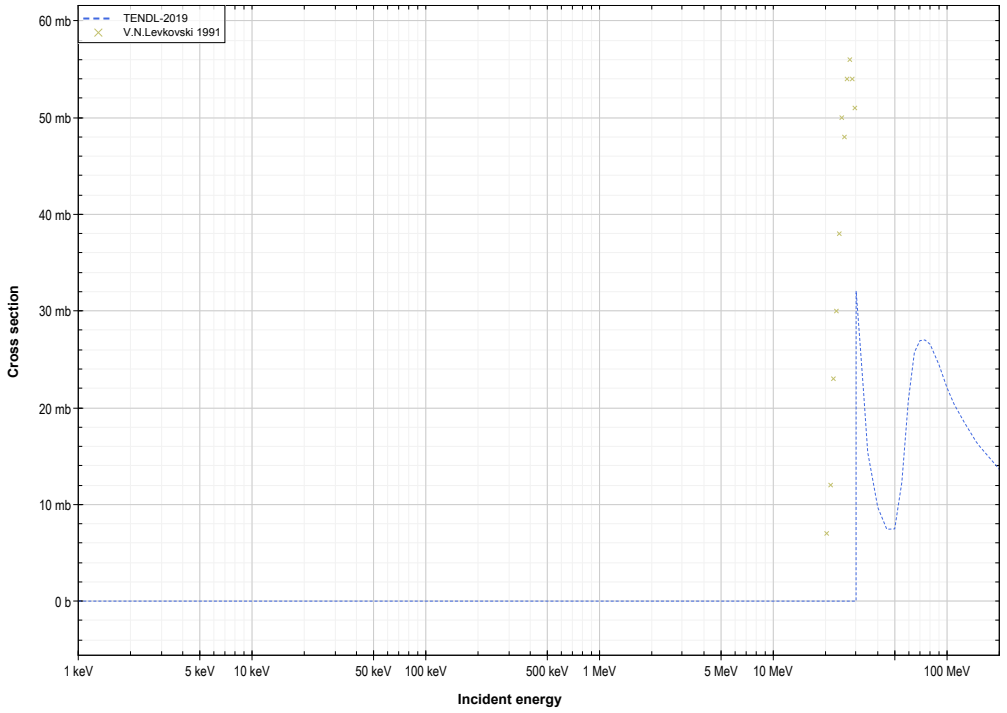
Reaction	Q-Value
Zn64(p,α)Cu61	844.16 keV
Zn64(p,p+t)Cu61	-18969.71 keV
Zn64(p,n+He3)Cu61	-19733.46 keV
Zn64(p,2d)Cu61	-23002.37 keV
Zn64(p,n+p+d)Cu61	-25226.94 keV
Zn64(p,2n+2p)Cu61	-27451.50 keV

<< 28-Ni-64	**30-Zn-64**	30-Zn-68 >>
<< MT107 (p,α)	**MT176 (p,2n+³He) or MT5 (Cu60 production)**	MT179 (p,3n+2p) >>

Zn64 (p,2n+³He) or Cu60 production log-log



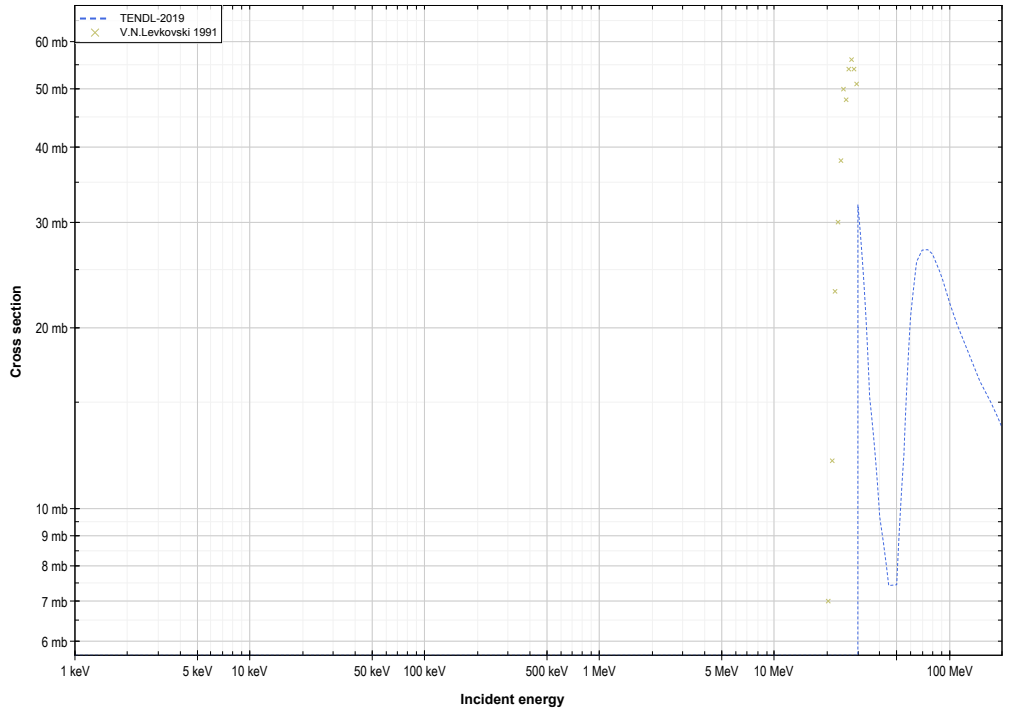
Zn64 (p,2n+³He) or Cu60 production lin-log



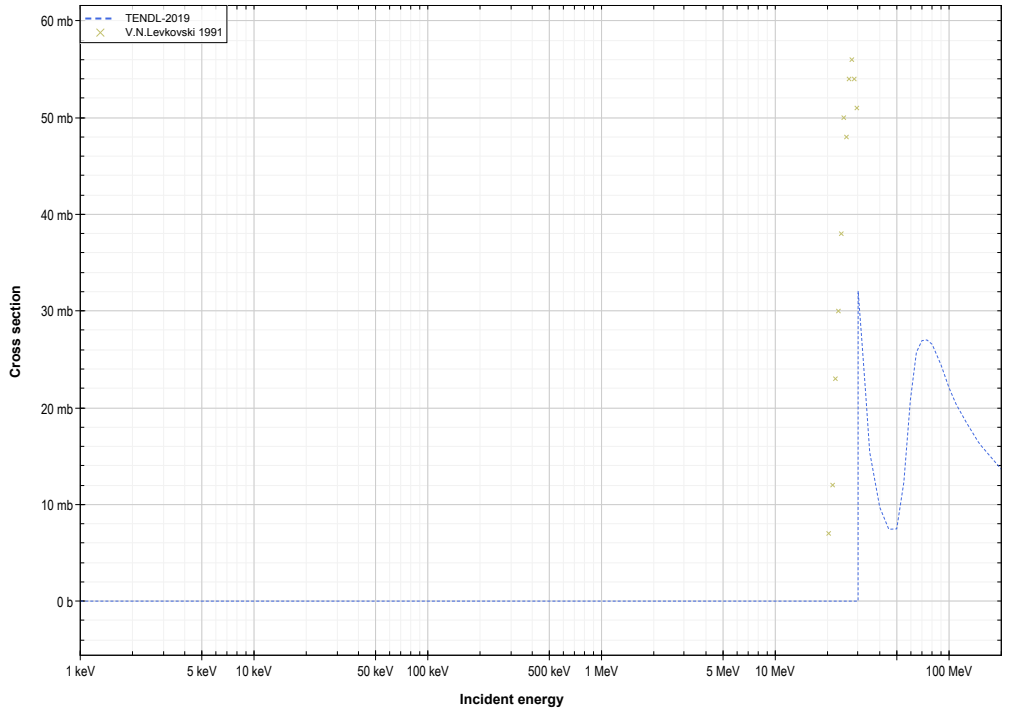
Reaction	Q-Value
Zn64(p,n+α)Cu60	-10866.16 keV
Zn64(p,d+t)Cu60	-28455.46 keV
Zn64(p,n+p+t)Cu60	-30680.03 keV
Zn64(p,2n+He3)Cu60	-31443.78 keV
Zn64(p,n+2d)Cu60	-34712.69 keV
Zn64(p,2n+p+d)Cu60	-36937.26 keV
Zn64(p,3n+2p)Cu60	-39161.82 keV

<< 28-Ni-64	**30-Zn-64**	30-Zn-68 >>
<< MT176 (p,2n+^{3}He)	**MT179 (p,3n+2p) or MT5 (Cu60 production)**	MT182 (p,d+t) >>

Zn64 (p,3n+2p) or Cu60 production log-log



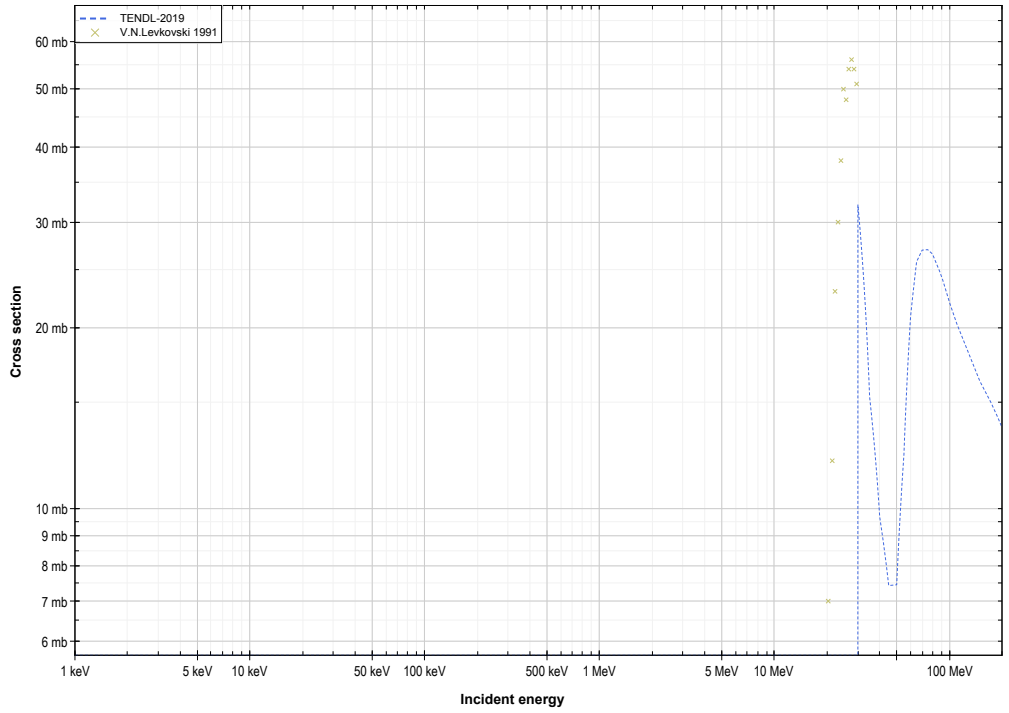
Zn64 (p,3n+2p) or Cu60 production lin-log



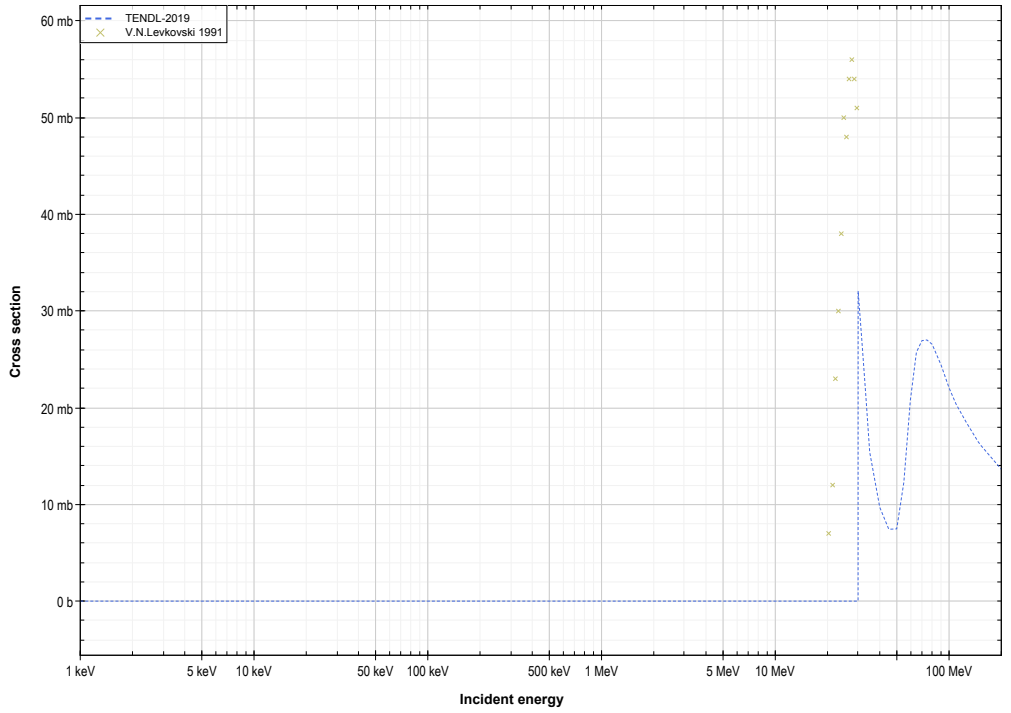
Reaction	Q-Value
Zn64(p,n+α)Cu60	-10866.16 keV
Zn64(p,d+t)Cu60	-28455.46 keV
Zn64(p,n+p+t)Cu60	-30680.03 keV
Zn64(p,2n+He3)Cu60	-31443.78 keV
Zn64(p,n+2d)Cu60	-34712.69 keV
Zn64(p,2n+p+d)Cu60	-36937.26 keV
Zn64(p,3n+2p)Cu60	-39161.82 keV

<< 28-Ni-64	**30-Zn-64**	30-Zn-68 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Cu60 production)**	MT184 (p,n+p+t) >>

Zn64 (p,d+t) or Cu60 production log-log



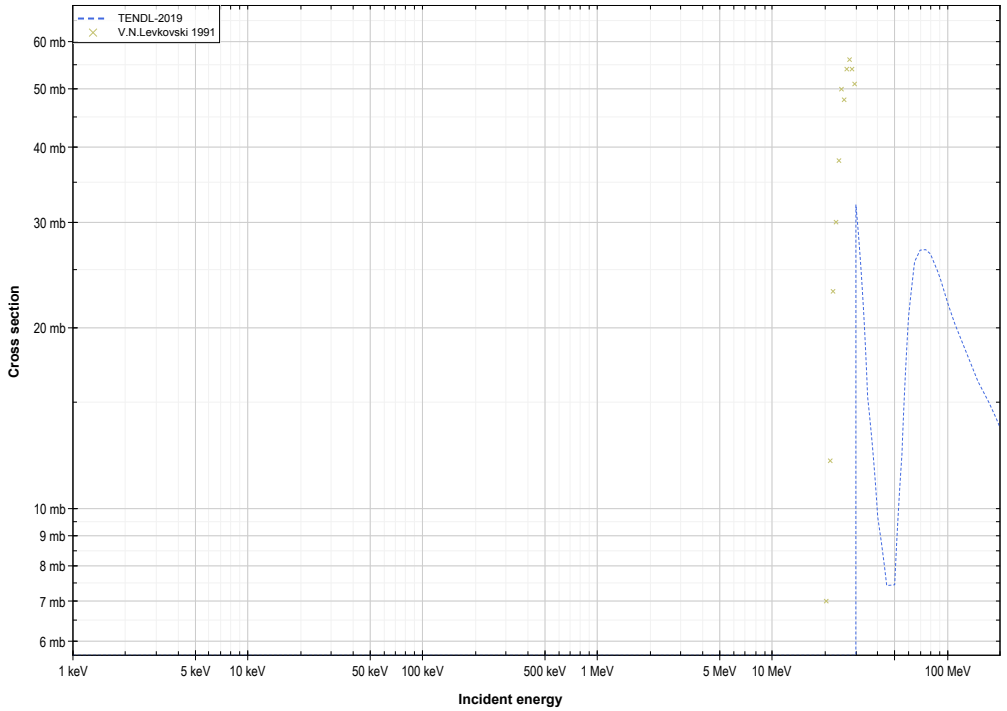
Zn64 (p,d+t) or Cu60 production lin-log



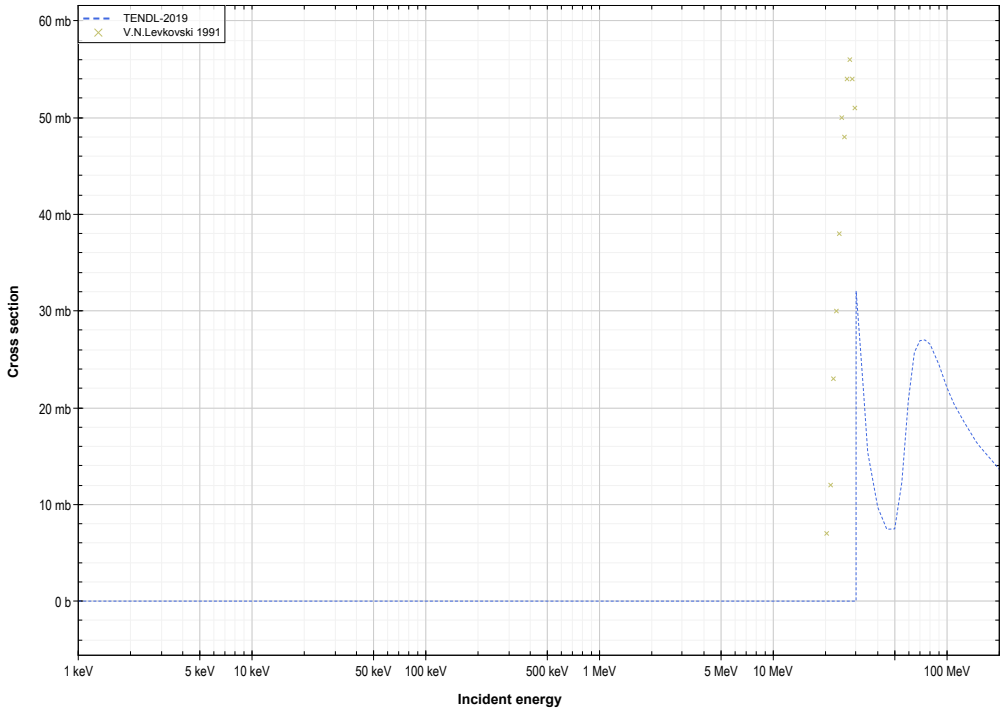
Reaction	Q-Value
Zn64(p,n+α)Cu60	-10866.16 keV
Zn64(p,d+t)Cu60	-28455.46 keV
Zn64(p,n+p+t)Cu60	-30680.03 keV
Zn64(p,2n+He3)Cu60	-31443.78 keV
Zn64(p,n+2d)Cu60	-34712.69 keV
Zn64(p,2n+p+d)Cu60	-36937.26 keV
Zn64(p,3n+2p)Cu60	-39161.82 keV

<< 28-Ni-64	**30-Zn-64**	30-Zn-68 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Cu60 production)**	30-Zn-66 MT4 (p,n) >>

Zn64 (p,n+p+t) or Cu60 production log-log



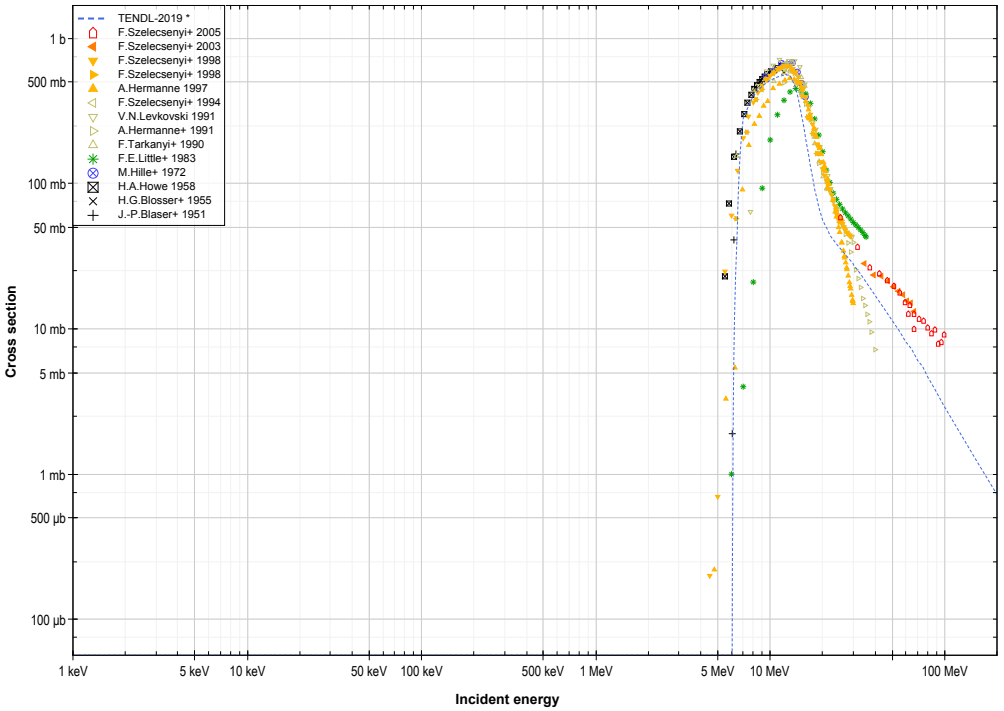
Zn64 (p,n+p+t) or Cu60 production lin-log



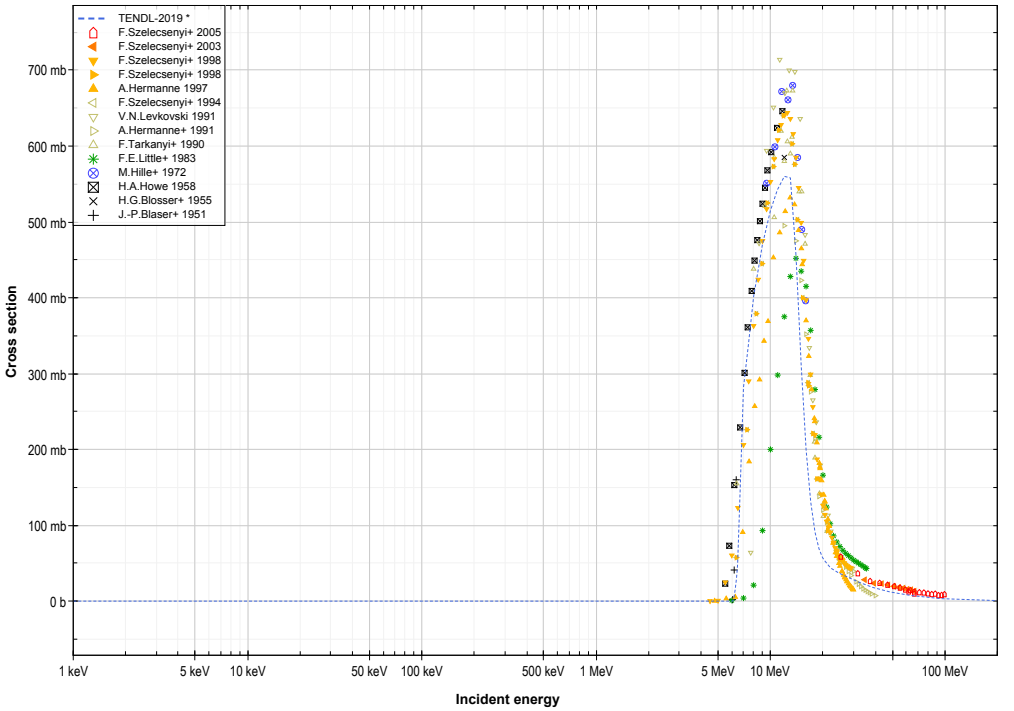
Reaction	Q-Value
Zn64(p,n+α)Cu60	-10866.16 keV
Zn64(p,d+t)Cu60	-28455.46 keV
Zn64(p,n+p+t)Cu60	-30680.03 keV
Zn64(p,2n+He3)Cu60	-31443.78 keV
Zn64(p,n+2d)Cu60	-34712.69 keV
Zn64(p,2n+p+d)Cu60	-36937.26 keV
Zn64(p,3n+2p)Cu60	-39161.82 keV

<< 30-Zn-64	**30-Zn-66**	30-Zn-67 >>
<< 30-Zn-64 MT184 (p,n+p+t)	**MT4 (p,n) or MT5 (Ga66 production)**	MT16 (p,2n) >>

Zn66 (p,n) or Ga66 production log-log



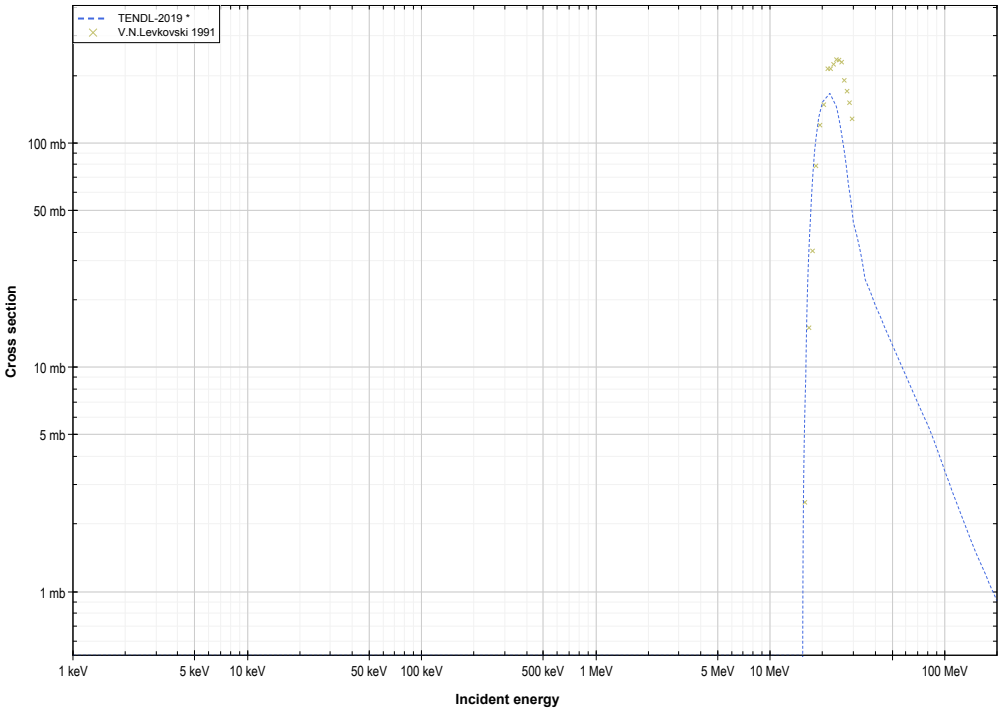
Zn66 (p,n) or Ga66 production lin-log



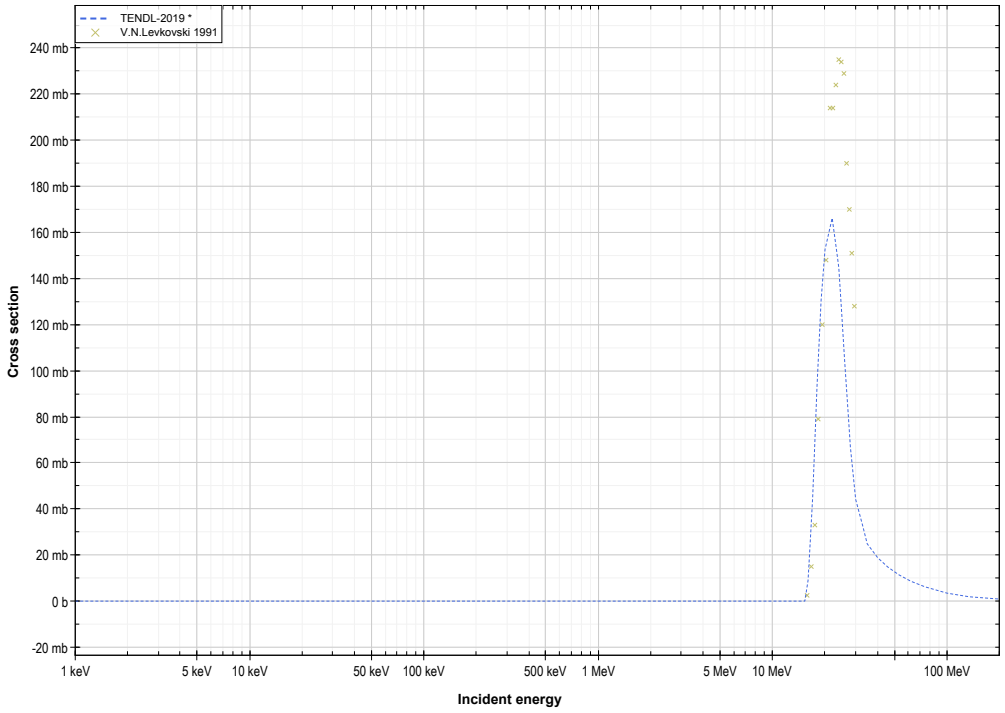
Reaction	Q-Value
Zn66(p,n)Ga66	-5957.85 keV

<< 29-Cu-63	**30-Zn-66**	30-Zn-67 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Ga65 production)**	MT28 (p,n+p) >>

Zn66 (p,2n) or Ga65 production log-log



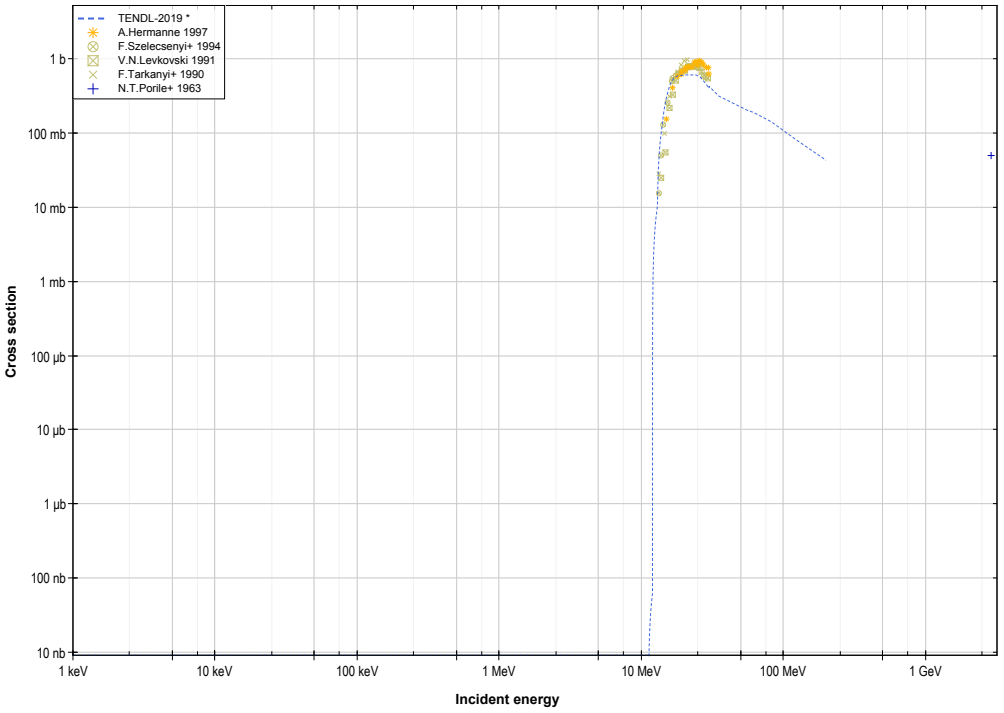
Zn66 (p,2n) or Ga65 production lin-log



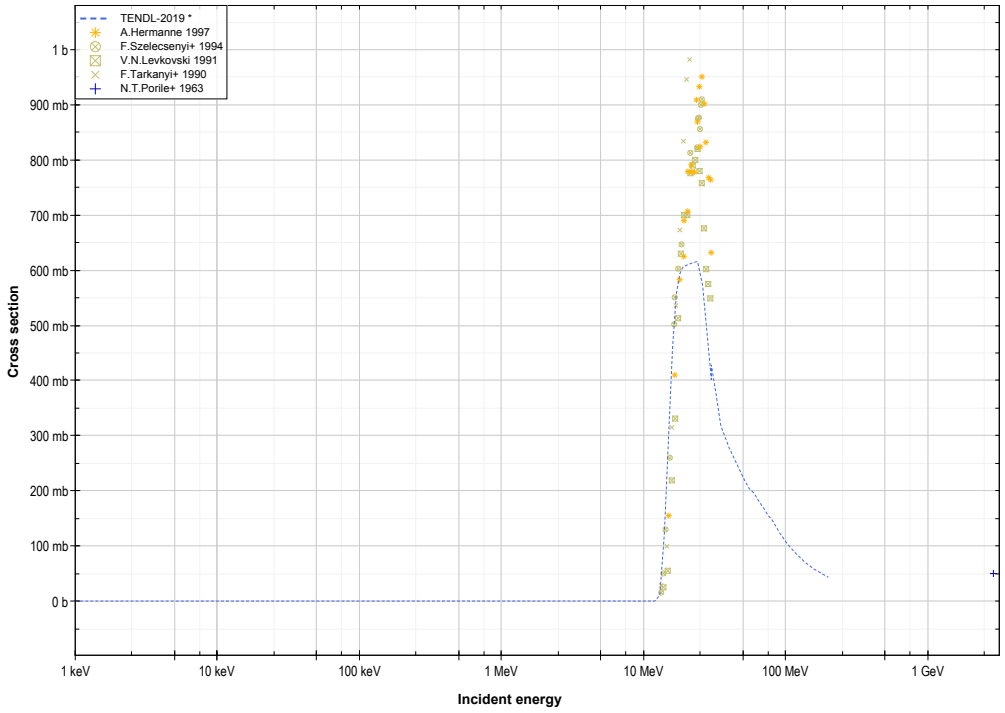
Reaction	Q-Value
Zn66(p,2n)Ga65	-15095.36 keV

<< 30-Zn-64	**30-Zn-66**	31-Ga-69 >>
<< MT16 (p,2n)	**MT28 (p,n+p) or MT5 (Zn65 production)**	MT44 (p,n+2p) >>

Zn66 (p,n+p) or Zn65 production log-log



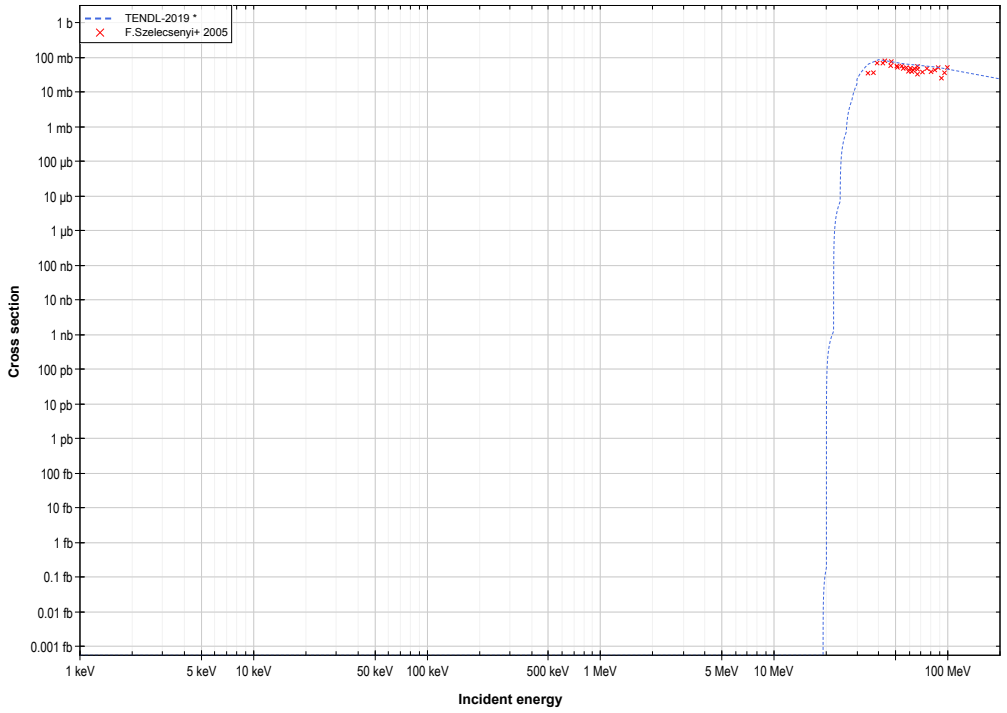
Zn66 (p,n+p) or Zn65 production lin-log



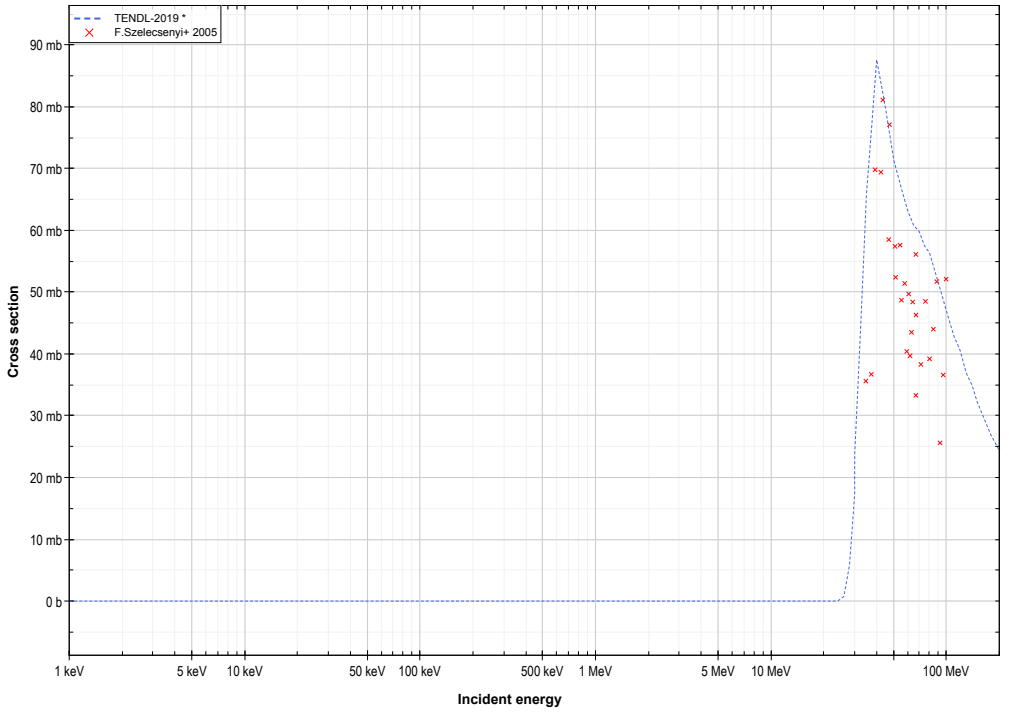
Reaction	Q-Value
Zn66(p,d)Zn65	-8833.95 keV
Zn66(p,n+p)Zn65	-11058.52 keV

<< 28-Ni-60	**30-Zn-66**	31-Ga-71 >>
<< MT28 (p,n+p)	**MT44 (p,n+2p) or MT5 (Cu64 production)**	MT102 (p,γ) >>

Zn66 (p,n+2p) or Cu64 production log-log



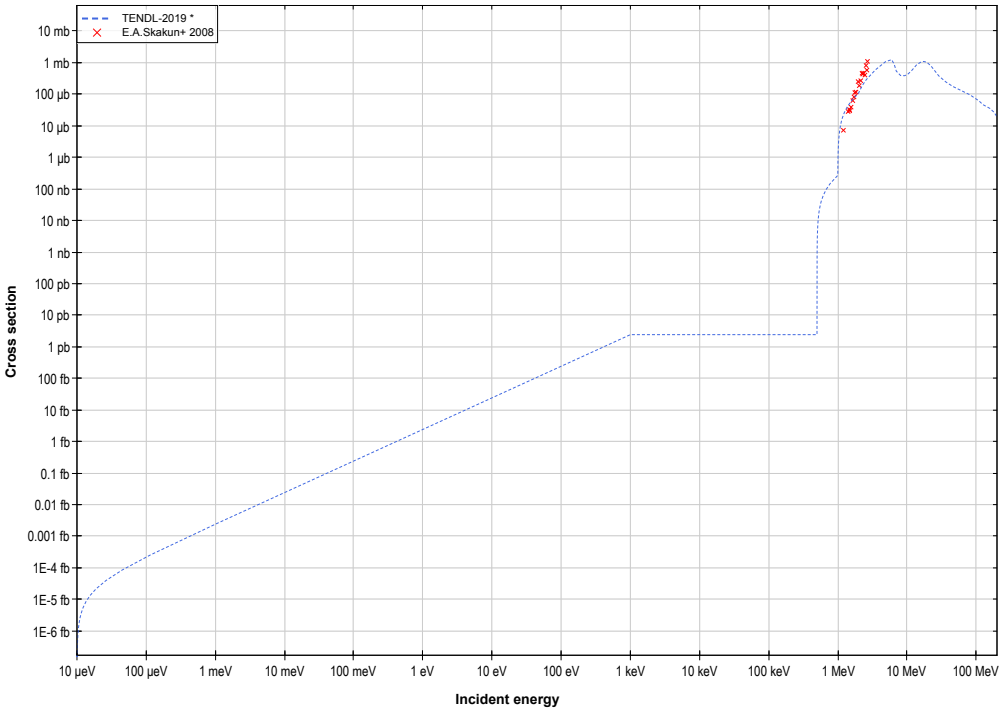
Zn66 (p,n+2p) or Cu64 production lin-log



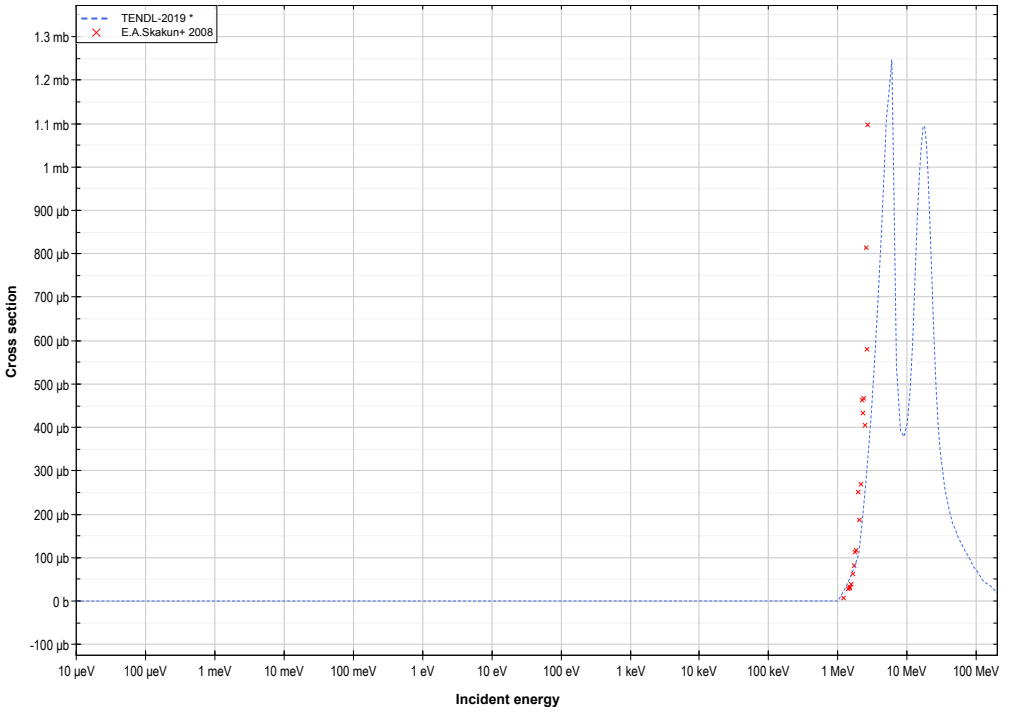
Reaction	Q-Value
Zn66(p,He3)Cu64	-11116.95 keV
Zn66(p,p+d)Cu64	-16610.42 keV
Zn66(p,n+2p)Cu64	-18834.99 keV

<< 30-Zn-64	**30-Zn-66**	30-Zn-67 >>
<< MT44 (p,n+2p)	**MT102 (p,γ) or MT5 (Ga67 production)**	MT104 (p,d) >>

Zn66 (p,γ) or Ga67 production log-log



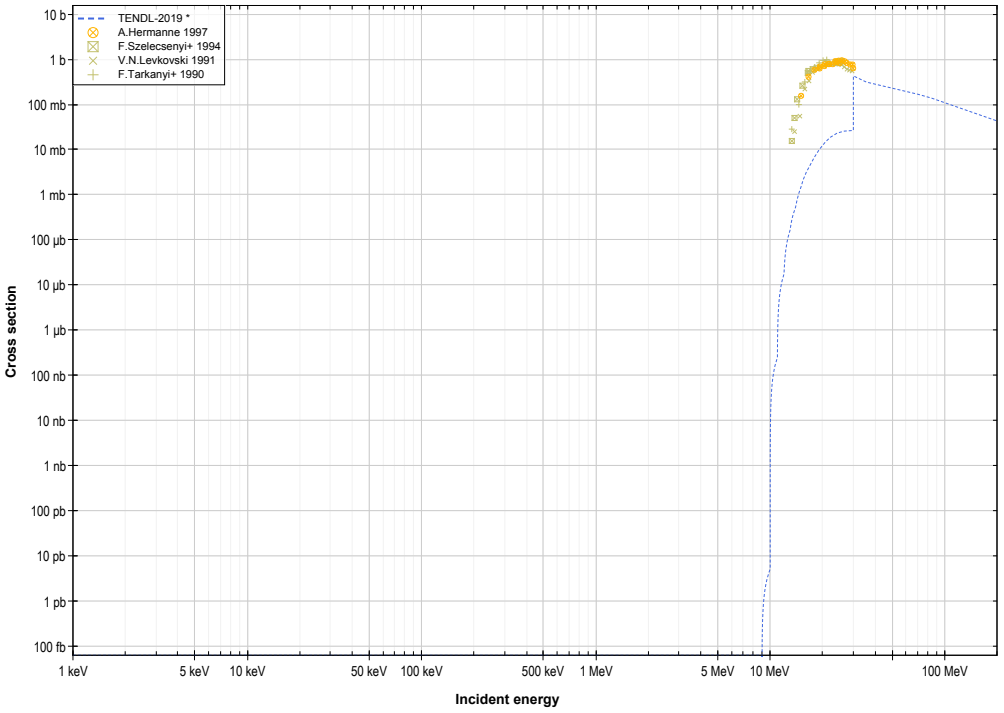
Zn66 (p,γ) or Ga67 production lin-log



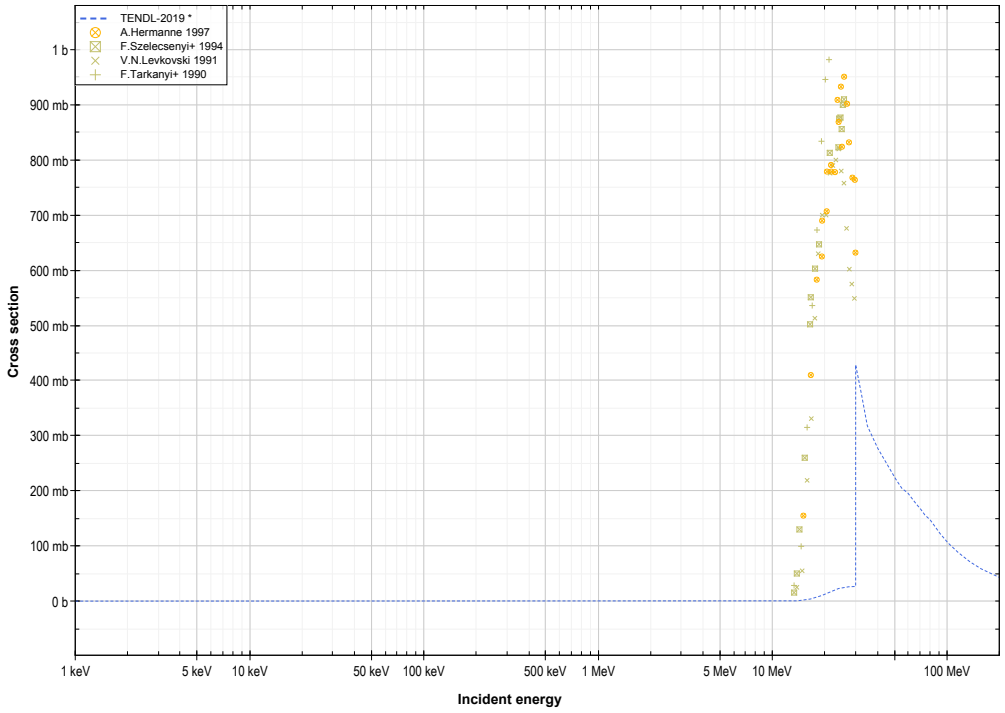
Reaction	Q-Value
Zn66(p,γ)Ga67	5268.77 keV

<< 30-Zn-64	**30-Zn-66**	31-Ga-69 >>
<< MT102 (p,γ)	**MT104 (p,d) or MT5 (Zn65 production)**	MT106 (p,³He) >>

Zn66 (p,d) or Zn65 production log-log



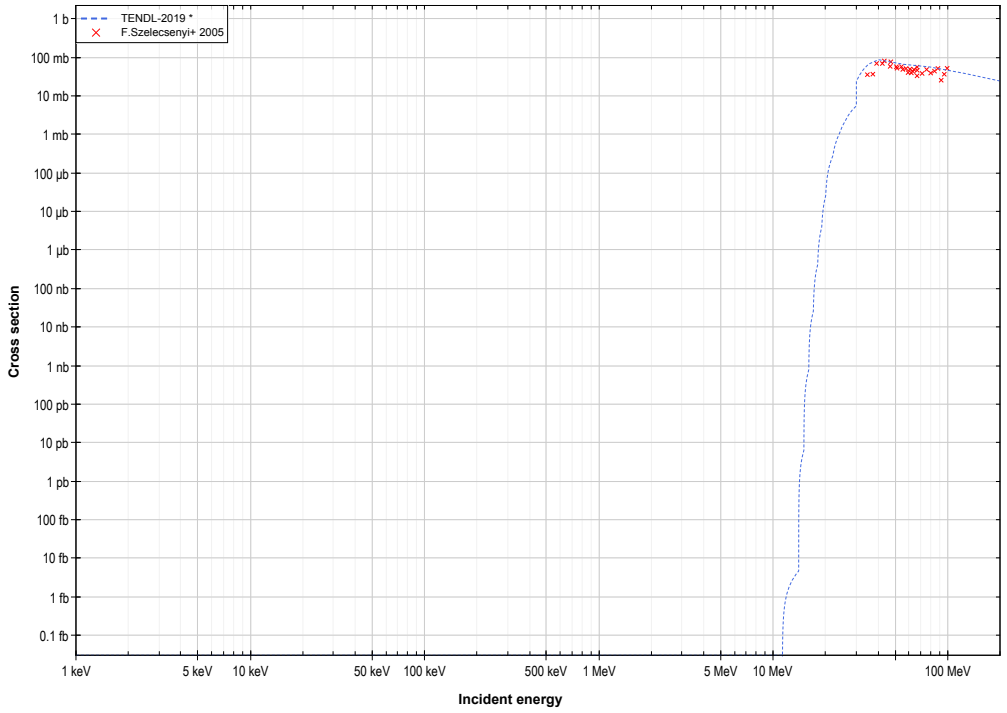
Zn66 (p,d) or Zn65 production lin-log



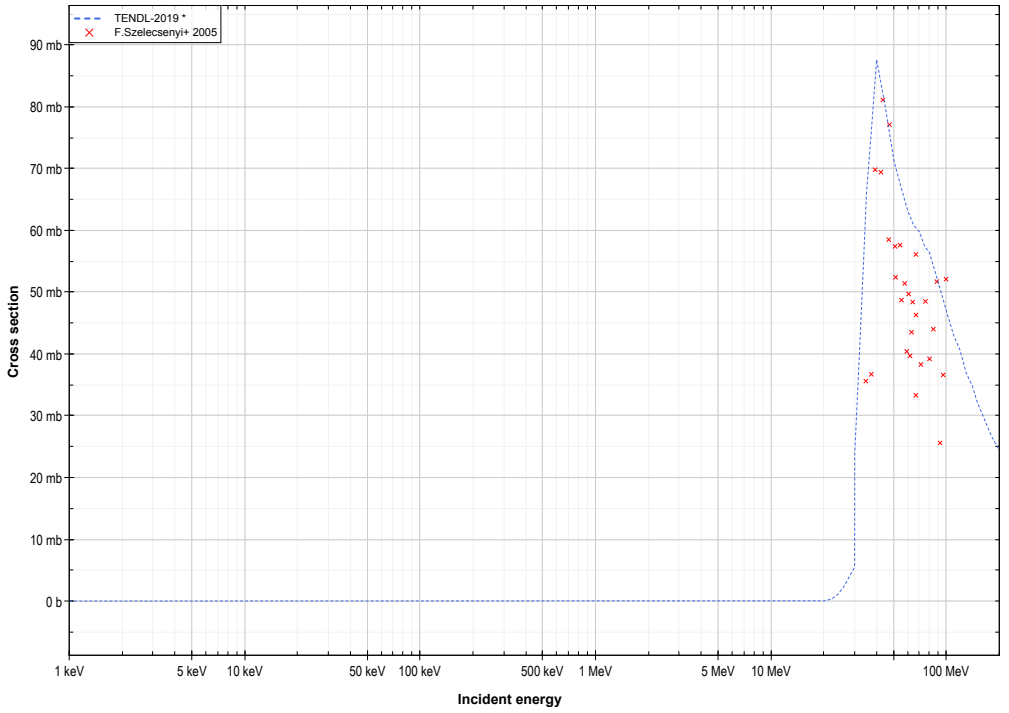
Reaction	Q-Value
Zn66(p,d)Zn65	-8833.95 keV
Zn66(p,n+p)Zn65	-11058.52 keV

<< 28-Ni-60	**30-Zn-66**	31-Ga-71 >>
<< MT104 (p,d)	**MT106 (p,³He) or MT5 (Cu64 production)**	MT115 (p,p+d) >>

Zn66 (p,³He) or Cu64 production log-log



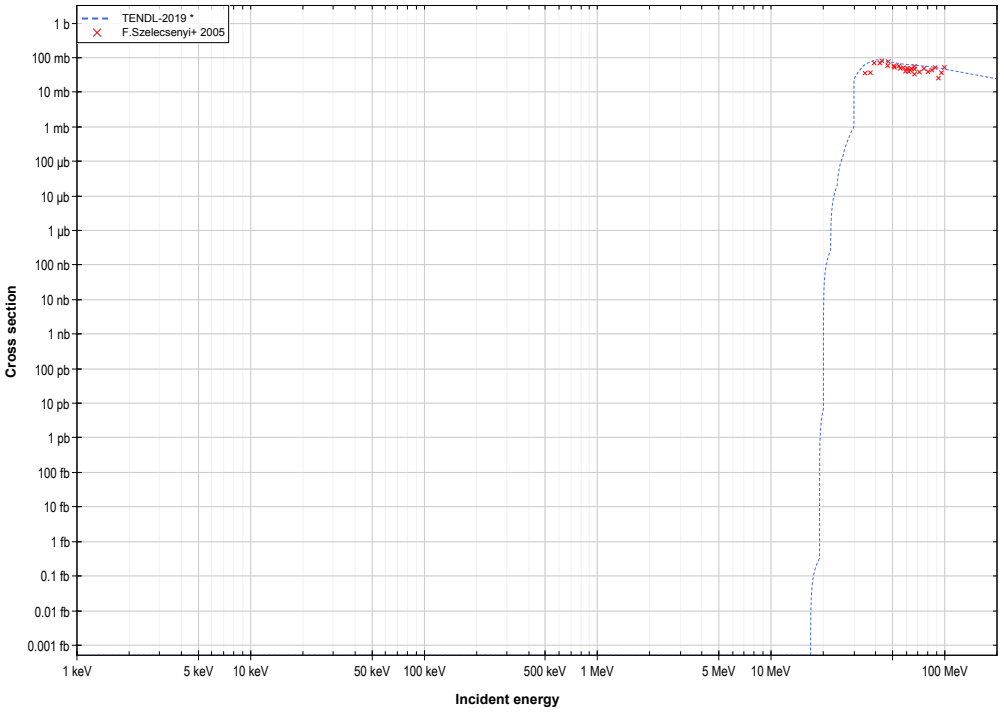
Zn66 (p,³He) or Cu64 production lin-log



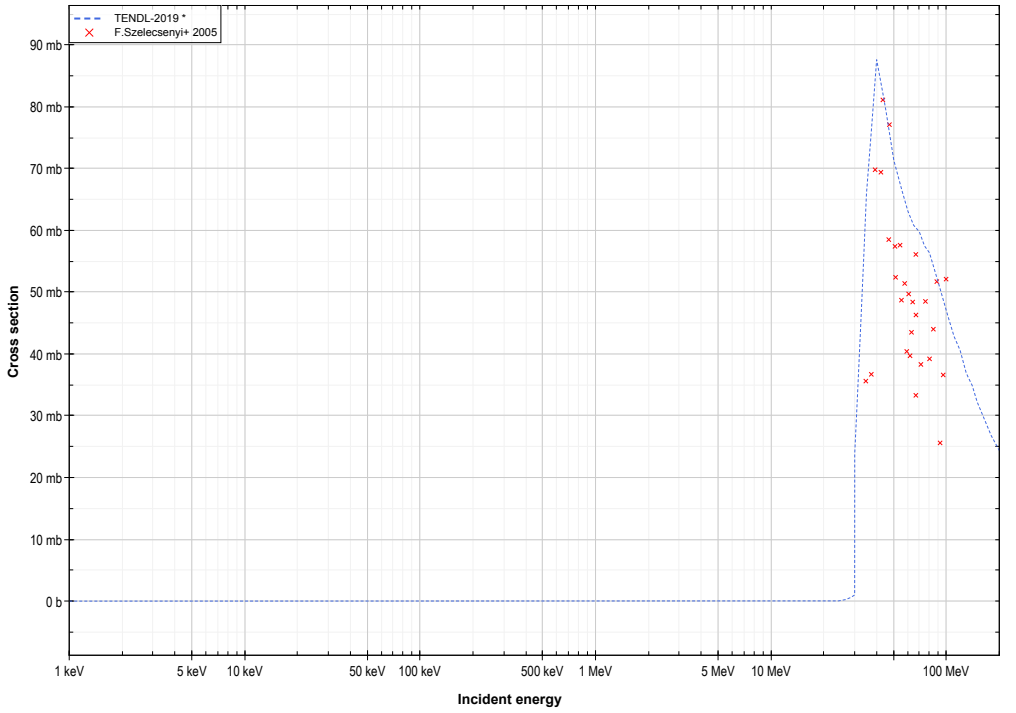
Reaction	Q-Value
Zn66(p,He3)Cu64	-11116.95 keV
Zn66(p,p+d)Cu64	-16610.42 keV
Zn66(p,n+2p)Cu64	-18834.99 keV

<< 28-Ni-60	**30-Zn-66**	31-Ga-71 >>
<< MT106 (p,³He)	**MT115 (p,p+d) or MT5 (Cu64 production)**	MT154 (p,2n+t) >>

Zn66 (p,p+d) or Cu64 production log-log



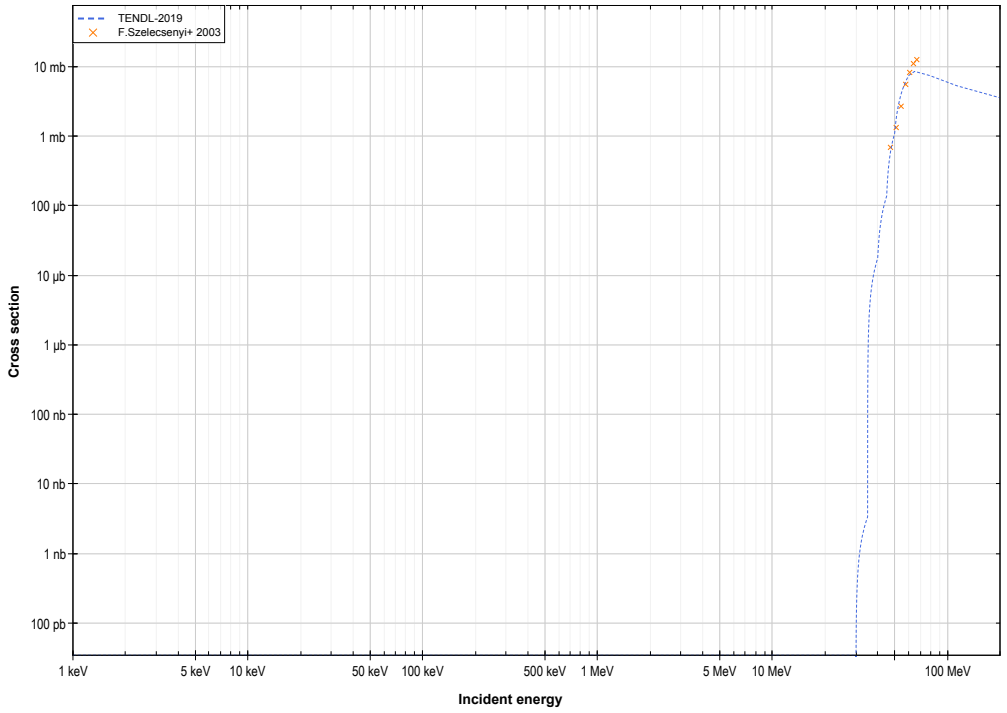
Zn66 (p,p+d) or Cu64 production lin-log



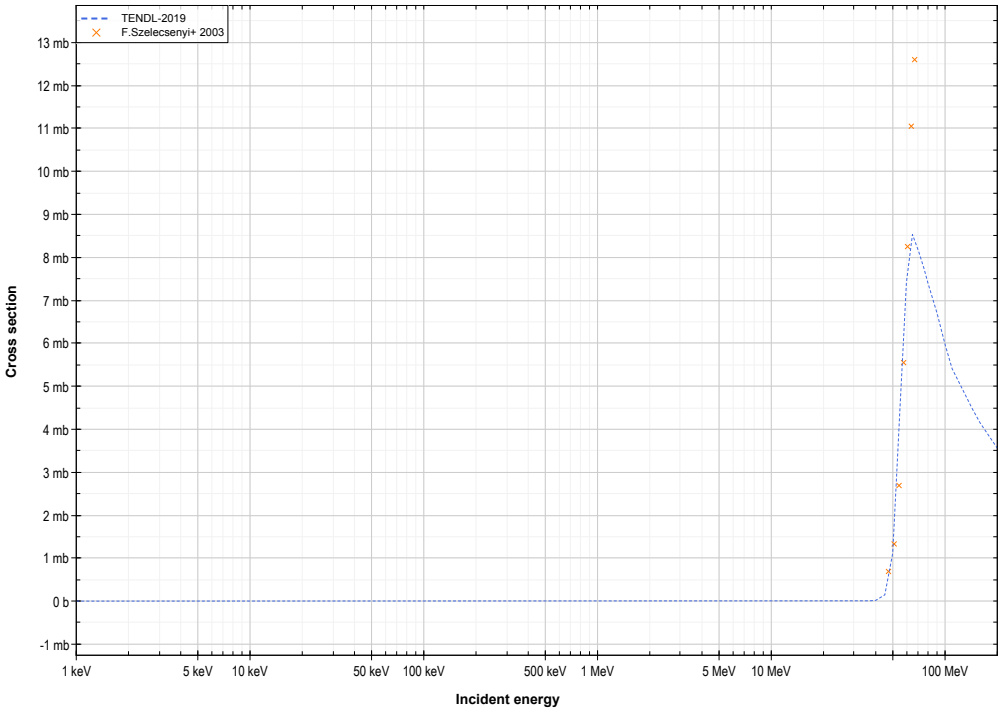
Reaction	Q-Value
Zn66(p,He3)Cu64	-11116.95 keV
Zn66(p,p+d)Cu64	-16610.42 keV
Zn66(p,n+2p)Cu64	-18834.99 keV

<< 27-Co-59	**30-Zn-66**	39-Y-89 >>
<< MT115 (p,p+d)	**MT154 (p,2n+t) or MT5 (Zn62 production)**	MT156 (p,4n+p) >>

Zn66 (p,2n+t) or Zn62 production log-log



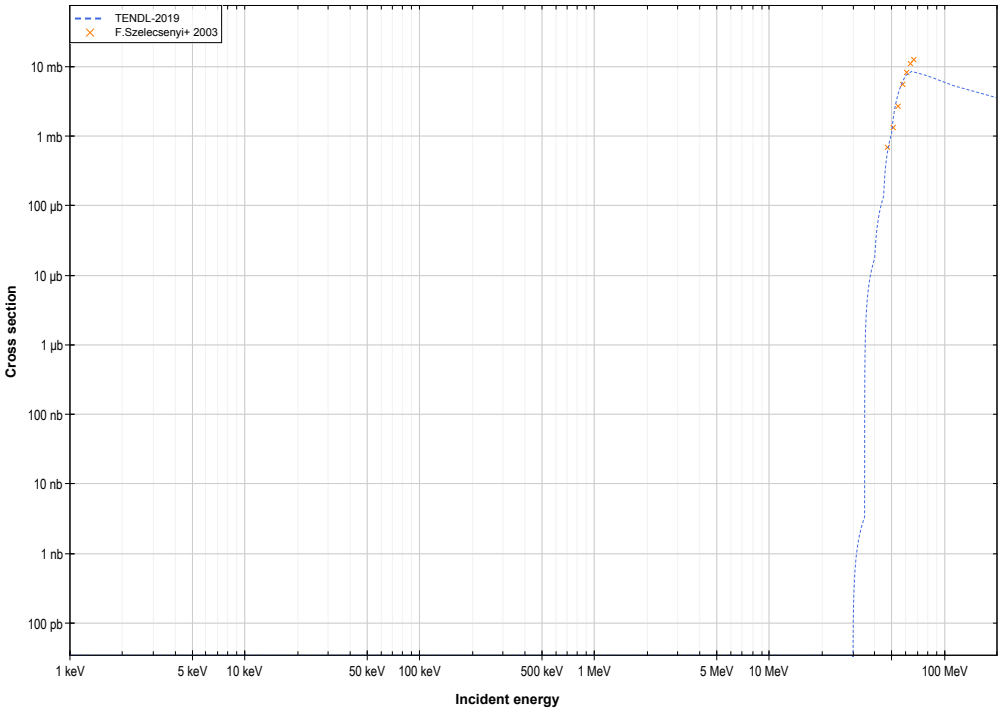
Zn66 (p,2n+t) or Zn62 production lin-log



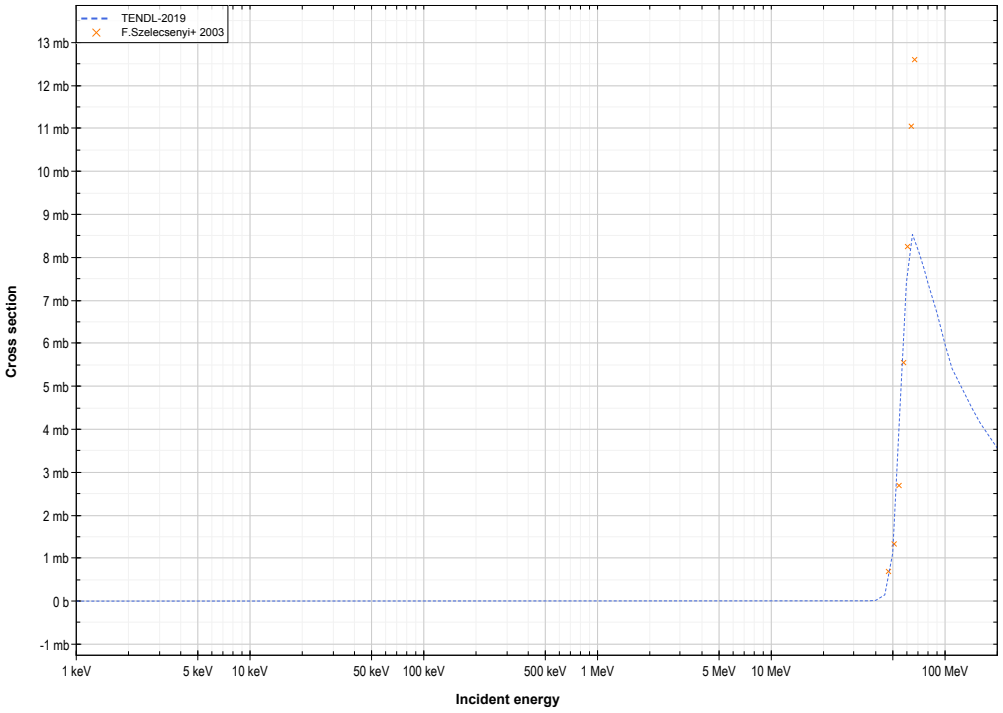
Reaction	Q-Value
Zn66(p,2n+t)Zn62	-31534.67 keV
Zn66(p,3n+d)Zn62	-37791.90 keV
Zn66(p,4n+p)Zn62	-40016.47 keV

<< 27-Co-59	**30-Zn-66**	31-Ga-69 >>
<< MT154 (p,2n+t)	**MT156 (p,4n+p) or MT5 (Zn62 production)**	MT157 (p,3n+d) >>

Zn66 (p,4n+p) or Zn62 production log-log



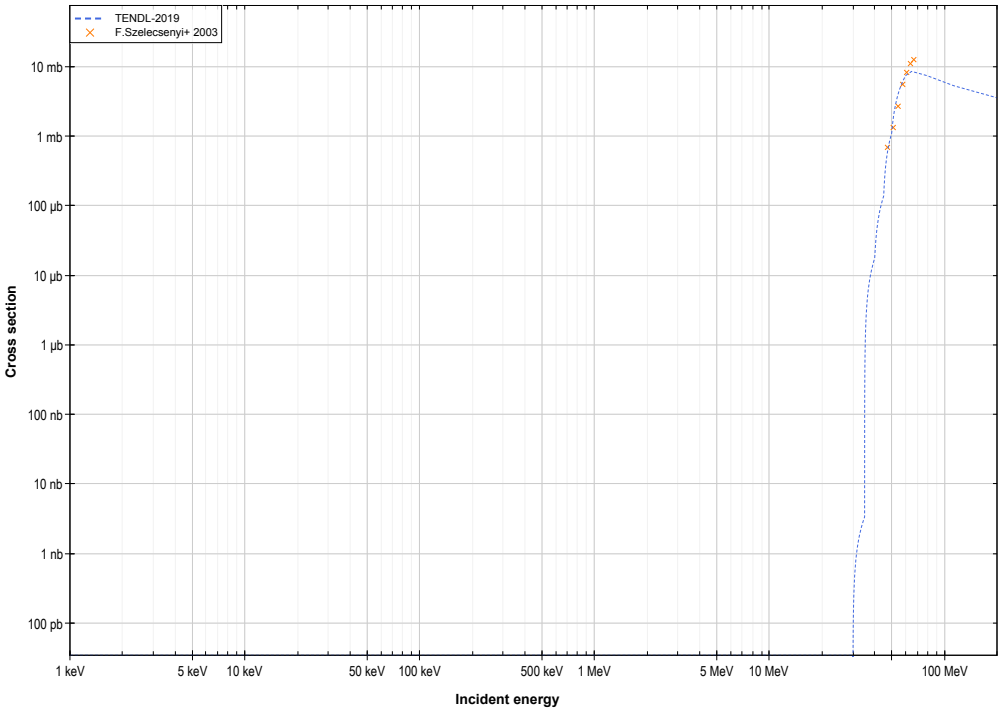
Zn66 (p,4n+p) or Zn62 production lin-log



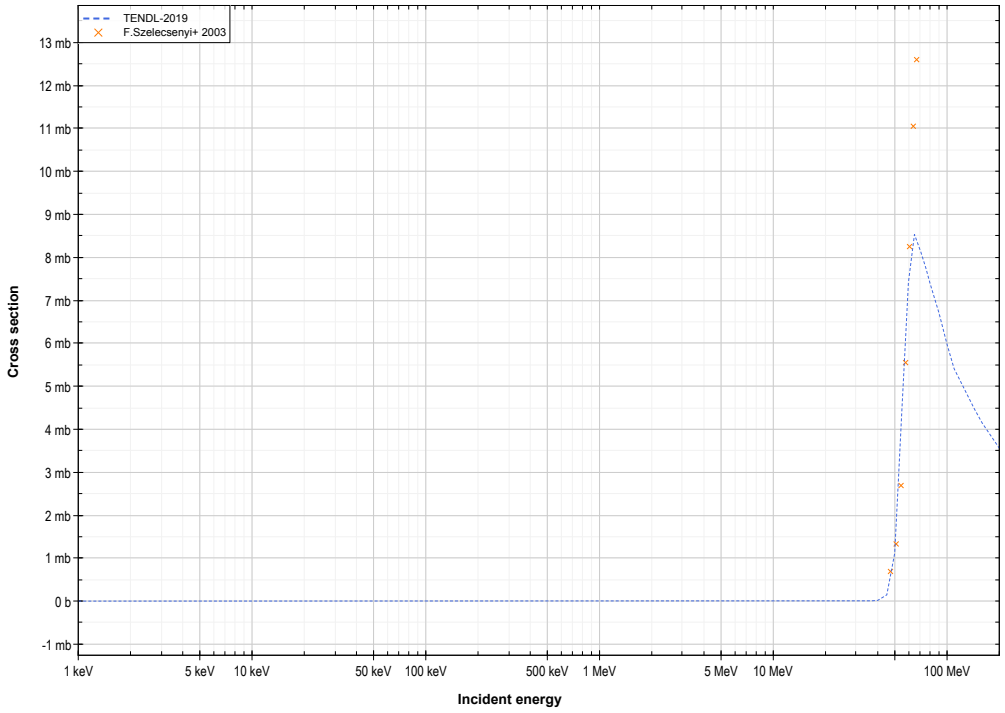
Reaction	Q-Value
Zn66(p,2n+t)Zn62	-31534.67 keV
Zn66(p,3n+d)Zn62	-37791.90 keV
Zn66(p,4n+p)Zn62	-40016.47 keV

<< 27-Co-59	**30-Zn-66**	39-Y-89 >>
<< MT156 (p,4n+p)	**MT157 (p,3n+d) or MT5 (Zn62 production)**	30-Zn-67 MT4 (p,n) >>

Zn66 (p,3n+d) or Zn62 production log-log



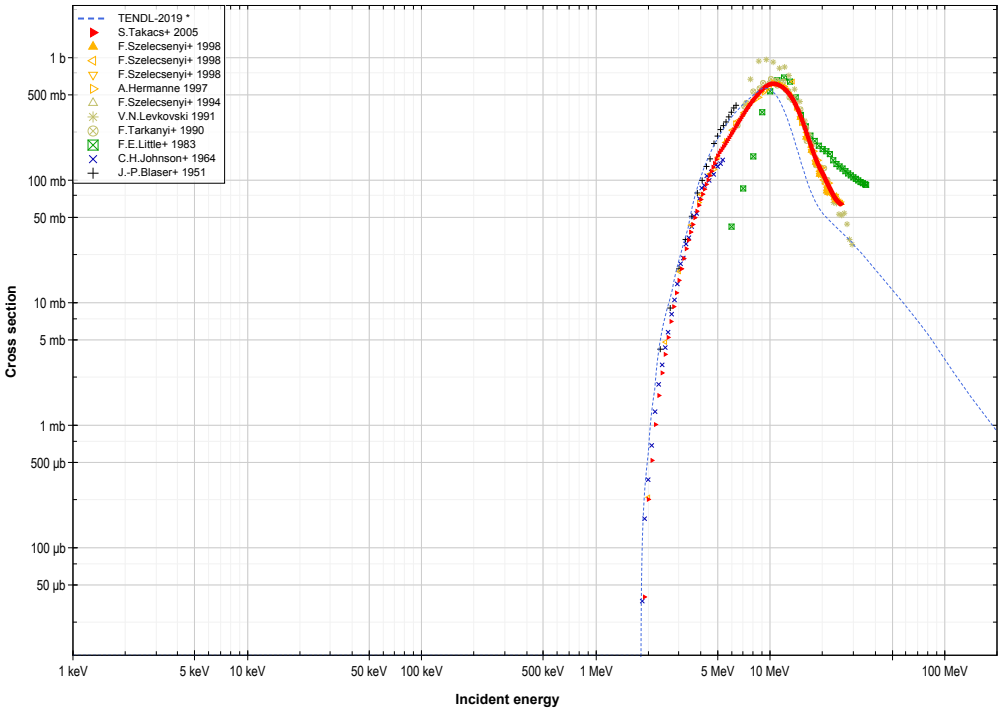
Zn66 (p,3n+d) or Zn62 production lin-log



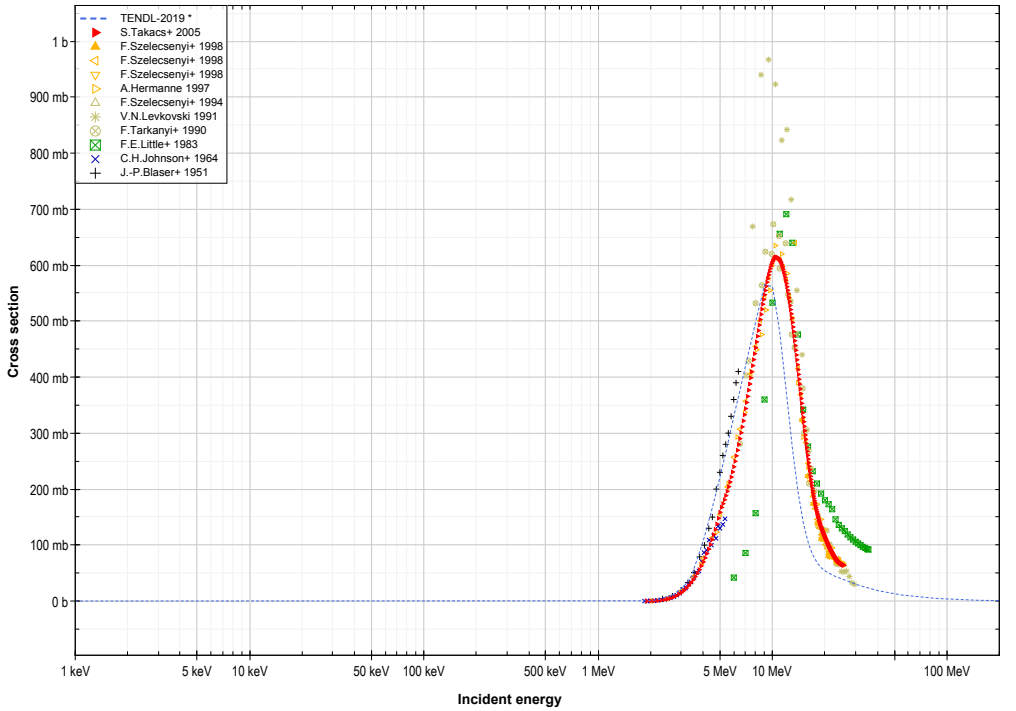
Reaction	Q-Value
Zn66(p,2n+t)Zn62	-31534.67 keV
Zn66(p,3n+d)Zn62	-37791.90 keV
Zn66(p,4n+p)Zn62	-40016.47 keV

<< 30-Zn-66	**30-Zn-67**	30-Zn-68 >>
<< 30-Zn-66 MT157 (p,3n+d)	**MT4 (p,n) or MT5 (Ga67 production)**	MT16 (p,2n) >>

Zn67 (p,n) or Ga67 production log-log



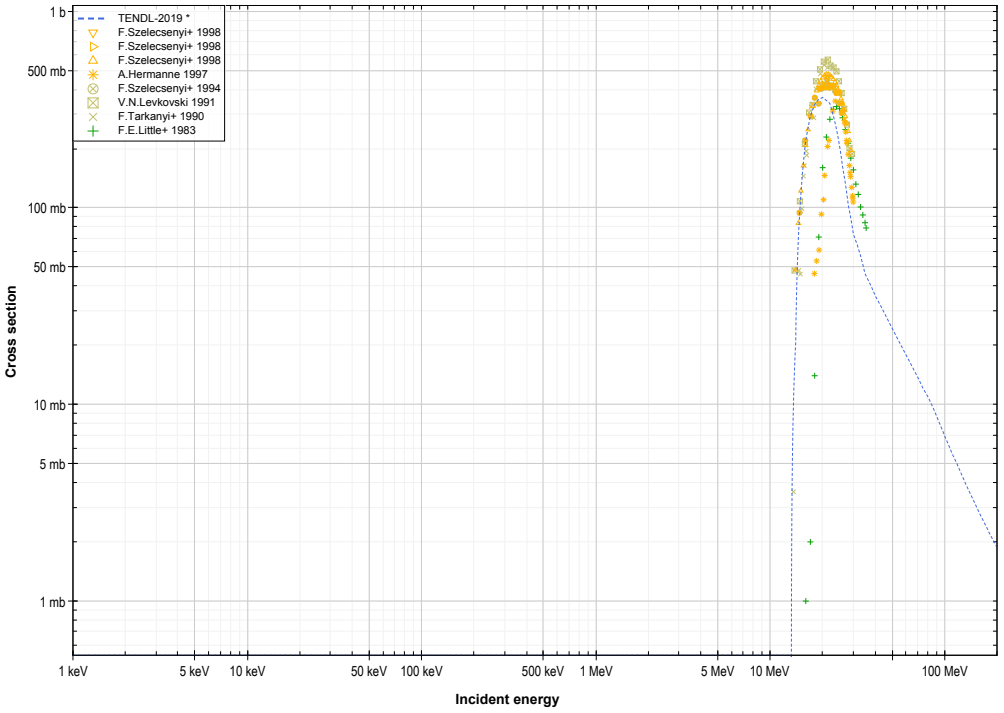
Zn67 (p,n) or Ga67 production lin-log



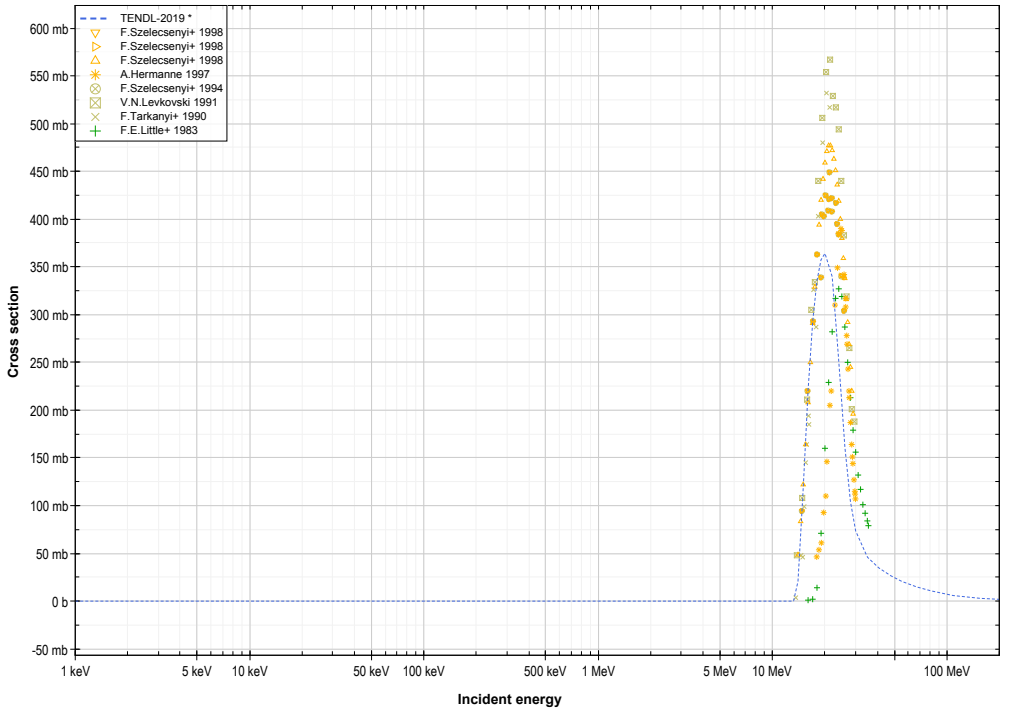
Reaction	Q-Value
Zn67(p,n)Ga67	-1783.65 keV

<< 30-Zn-66	**30-Zn-67**	30-Zn-68 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Ga66 production)**	MT102 (p,γ) >>

Zn67 (p,2n) or Ga66 production log-log



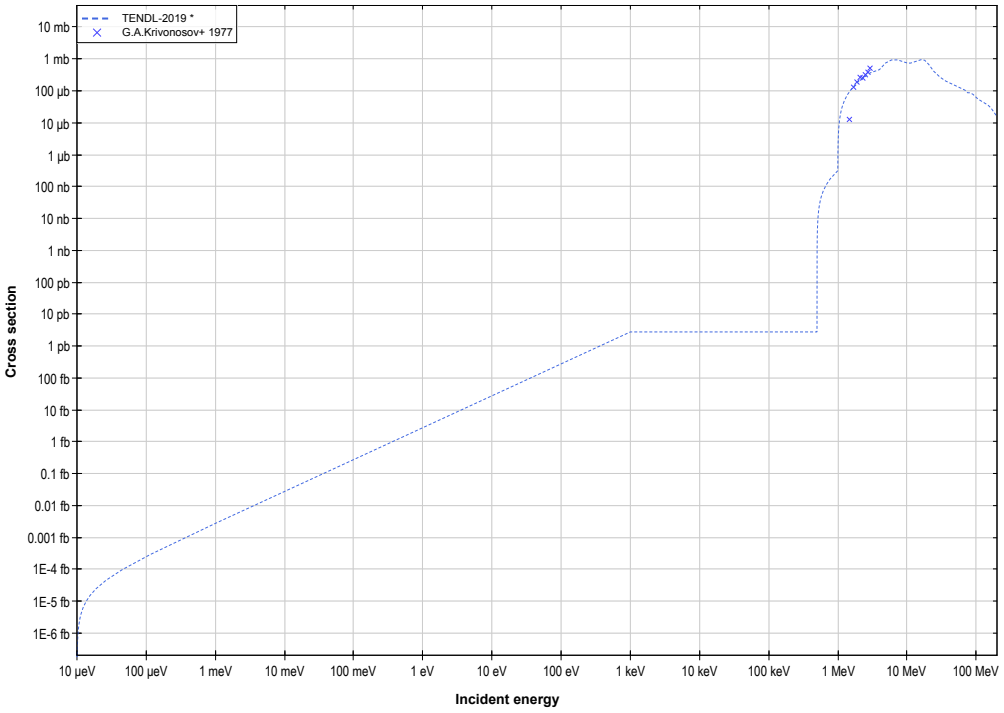
Zn67 (p,2n) or Ga66 production lin-log



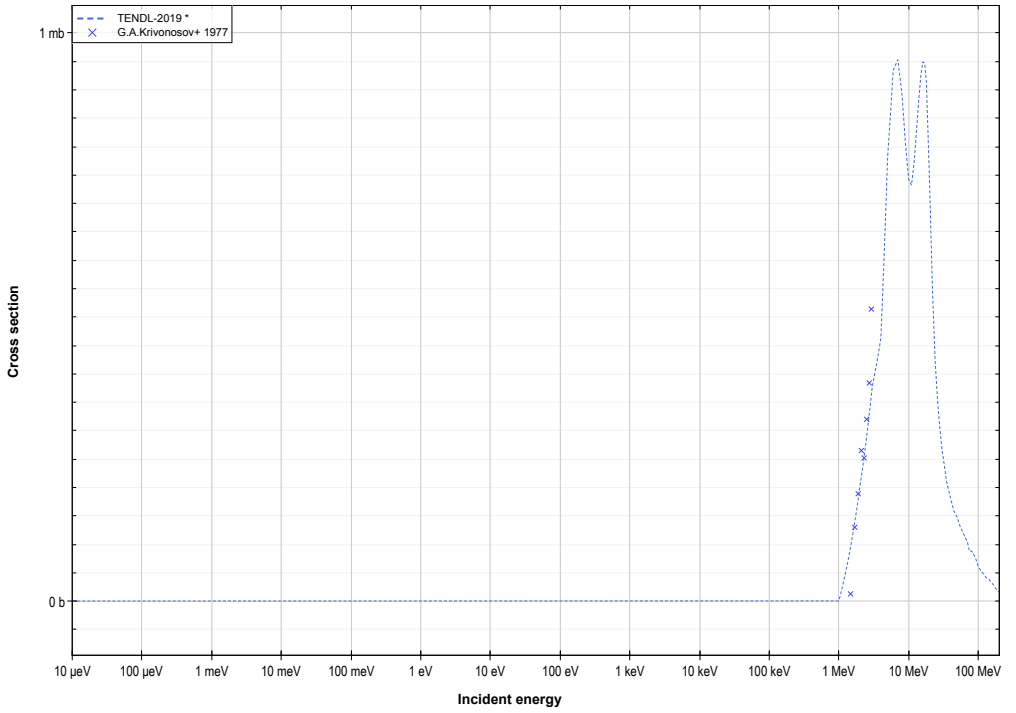
Reaction	Q-Value
Zn67(p,2n)Ga66	-13010.26 keV

<< 30-Zn-66	**30-Zn-67**	30-Zn-68 >>
<< MT16 (p,2n)	**MT102 (p,γ) or MT5 (Ga68 production)**	MT107 (p,α) >>

Zn67 (p,γ) or Ga68 production log-log



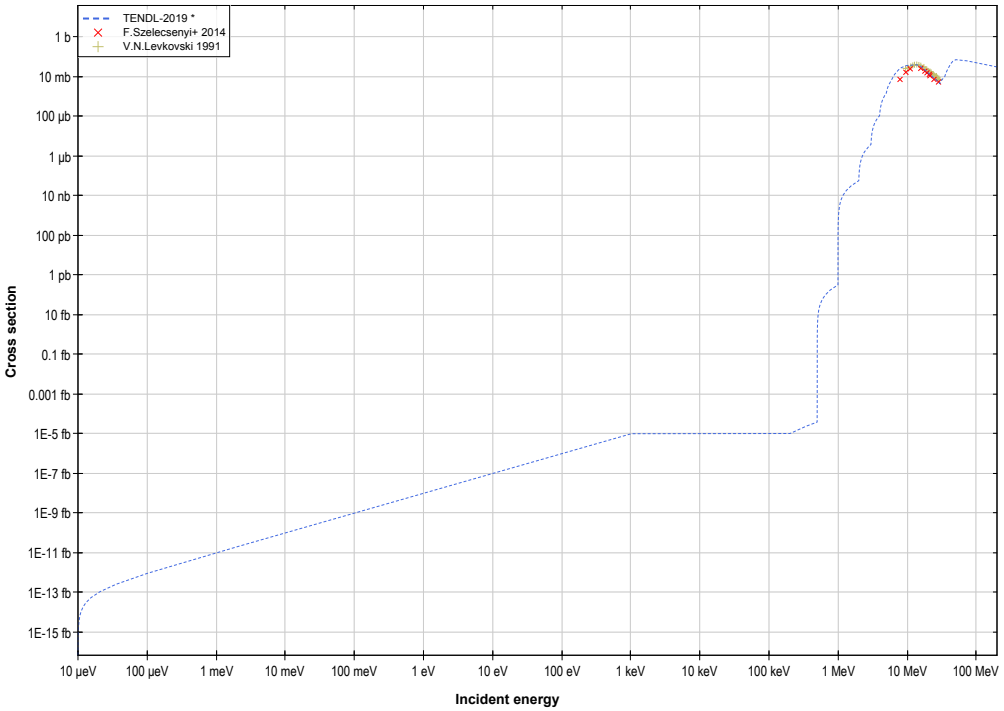
Zn67 (p,γ) or Ga68 production lin-log



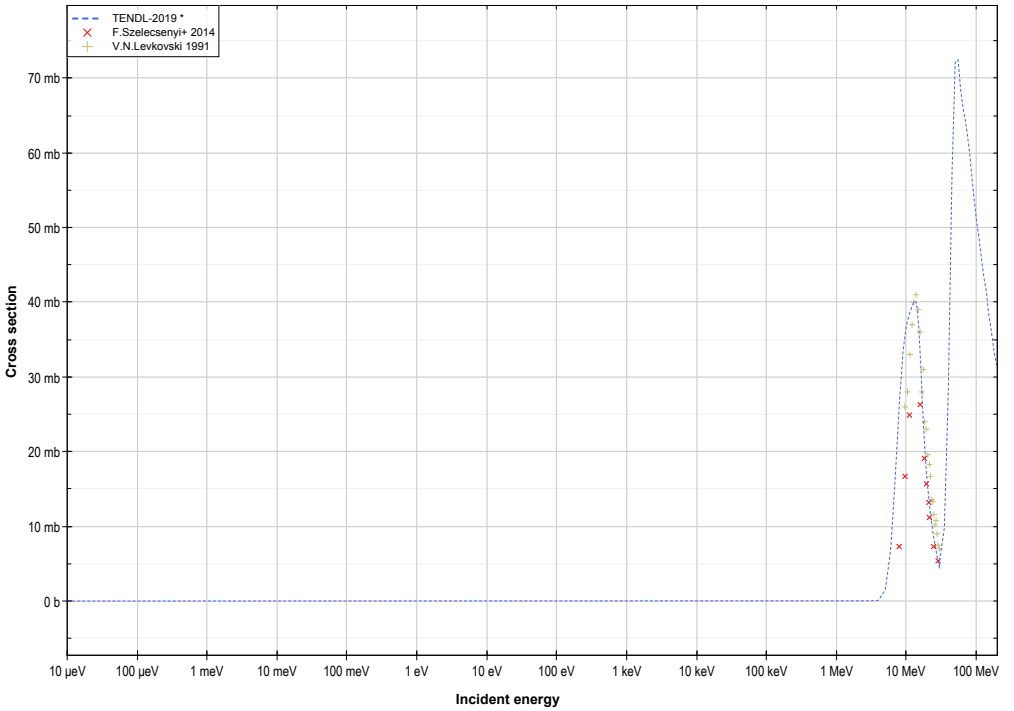
Reaction	Q-Value
Zn67(p,γ)Ga68	6494.67 keV

<< 30-Zn-64	**30-Zn-67**	30-Zn-68 >>
<< MT102 (p,γ)	**MT107 (p,α) or MT5 (Cu64 production)**	30-Zn-68 MT4 (p,n) >>

Zn67 (p,α) or Cu64 production log-log



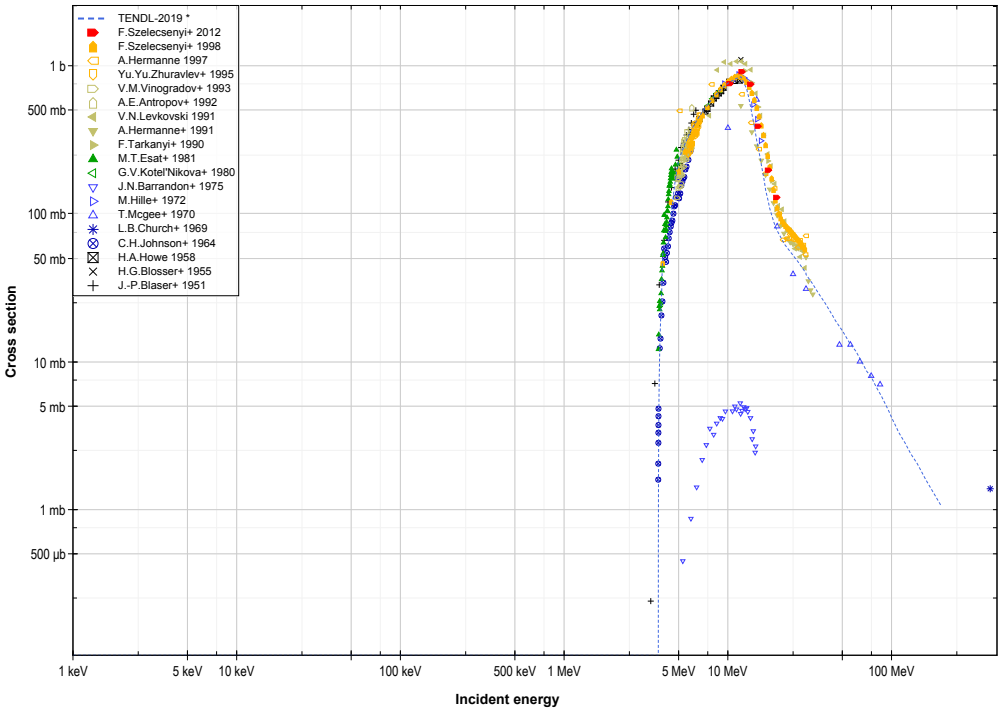
Zn67 (p,α) or Cu64 production lin-log



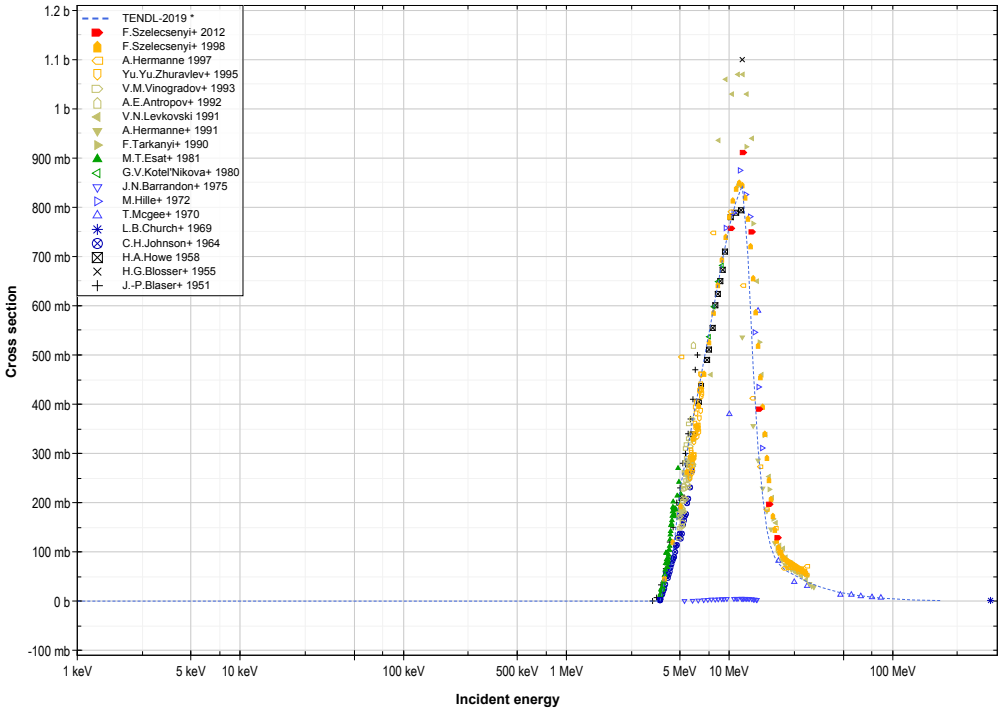
Reaction	Q-Value
Zn67(p,α)Cu64	2408.25 keV
Zn67(p,p+t)Cu64	-17405.61 keV
Zn67(p,n+He3)Cu64	-18169.36 keV
Zn67(p,2d)Cu64	-21438.27 keV
Zn67(p,n+p+d)Cu64	-23662.84 keV
Zn67(p,2n+2p)Cu64	-25887.40 keV

<< 30-Zn-67	**30-Zn-68**	30-Zn-70 >>
<< 30-Zn-67 MT107 (p,α)	**MT4 (p,n) or MT5 (Ga68 production)**	MT16 (p,2n) >>

Zn68 (p,n) or Ga68 production log-log



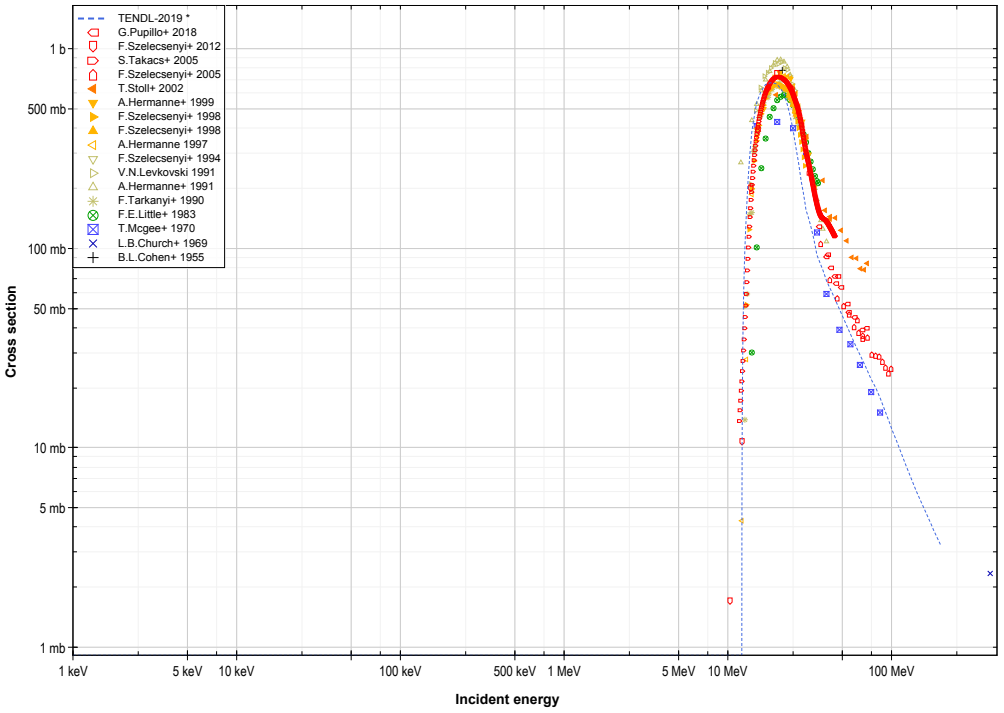
Zn68 (p,n) or Ga68 production lin-log



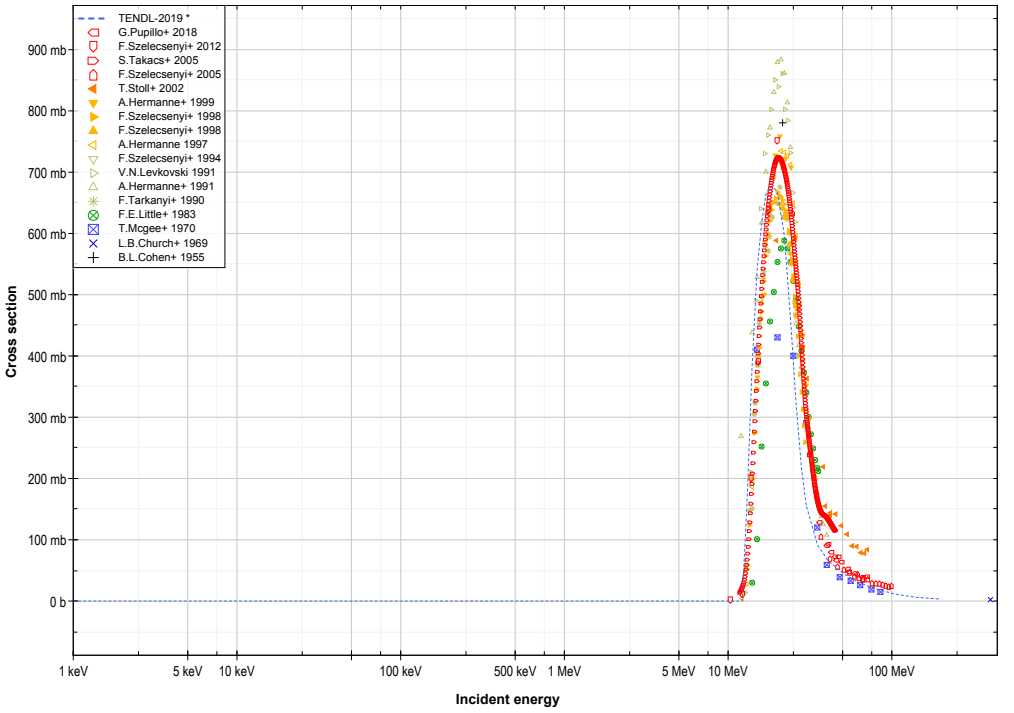
Reaction	Q-Value
Zn68(p,n)Ga68	-3703.45 keV

<< 30-Zn-67	**30-Zn-68**	31-Ga-69 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Ga67 production)**	MT17 (p,3n) >>

Zn68 (p,2n) or Ga67 production log-log



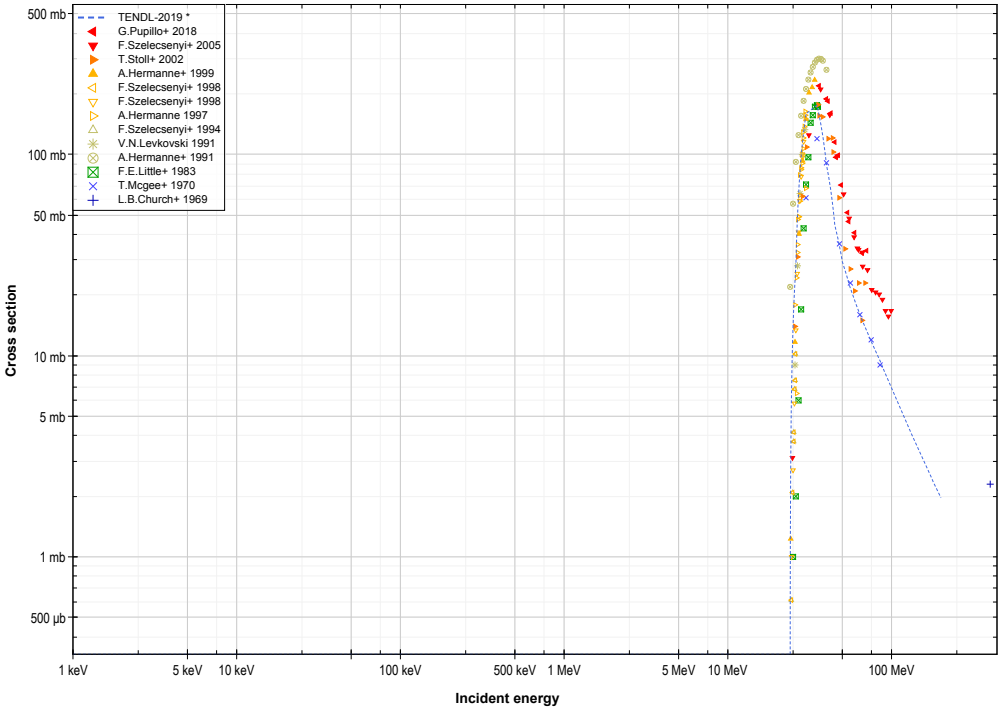
Zn68 (p,2n) or Ga67 production lin-log



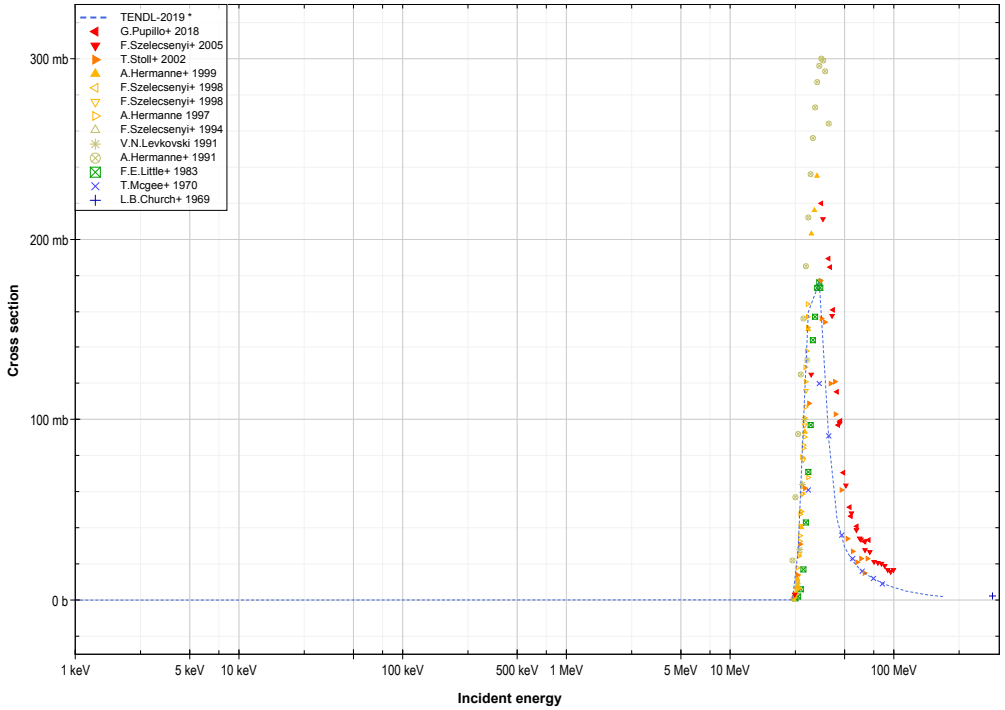
Reaction	Q-Value
Zn68(p,2n)Ga67	-11981.76 keV

<< 29-Cu-65	**30-Zn-68**	31-Ga-69 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Ga66 production)**	MT22 (p,n+α) >>

Zn68 (p,3n) or Ga66 production log-log



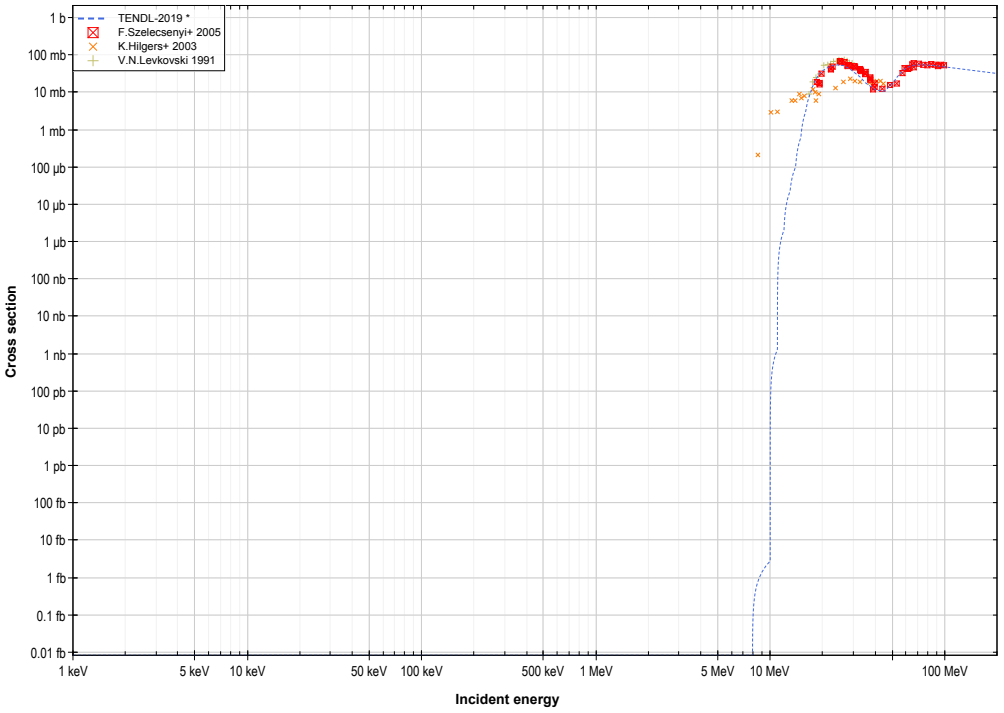
Zn68 (p,3n) or Ga66 production lin-log



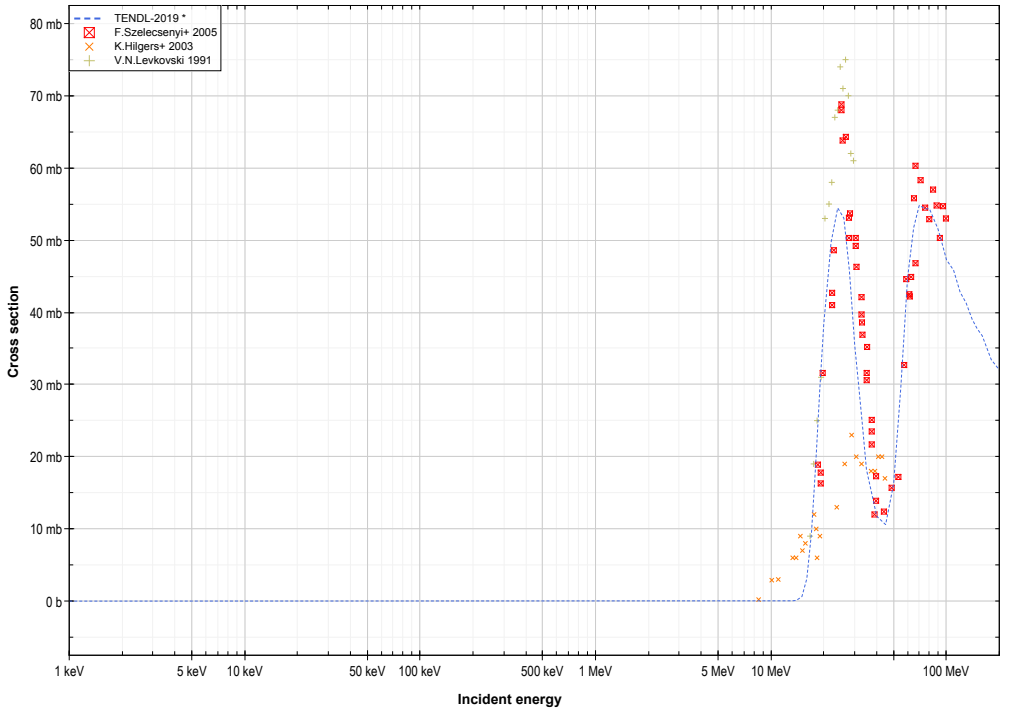
Reaction	Q-Value
Zn68(p,3n)Ga66	-23208.38 keV

<< 30-Zn-64	**30-Zn-68**	31-Ga-69 >>
<< MT17 (p,3n)	**MT22 (p,n+α) or MT5 (Cu64 production)**	MT102 (p,γ) >>

Zn68 (p,n+α) or Cu64 production log-log



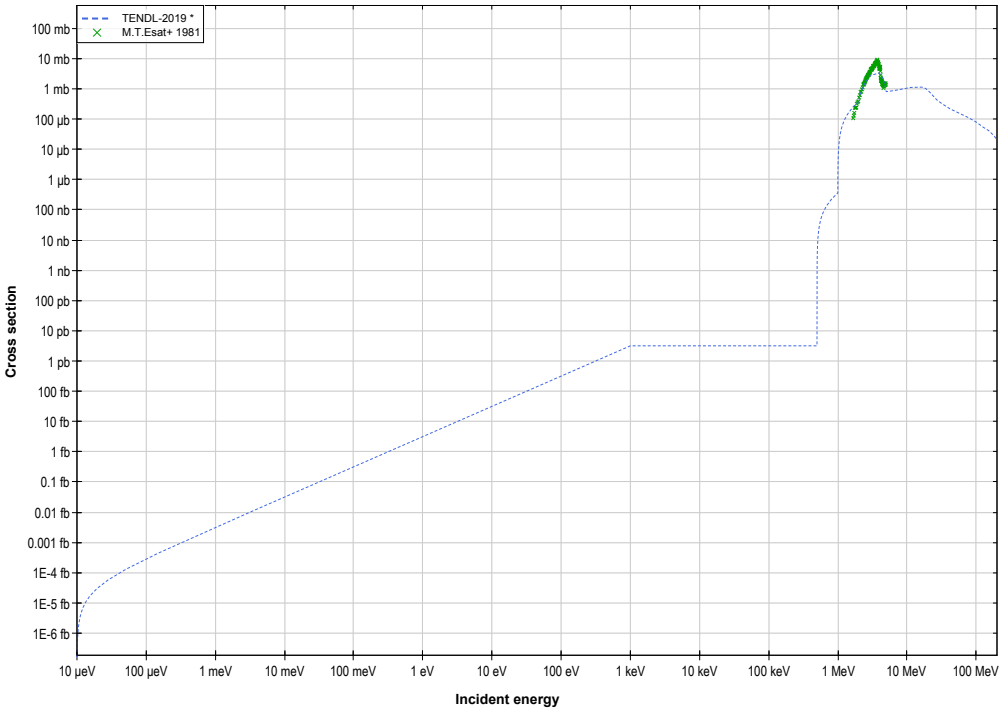
Zn68 (p,n+α) or Cu64 production lin-log



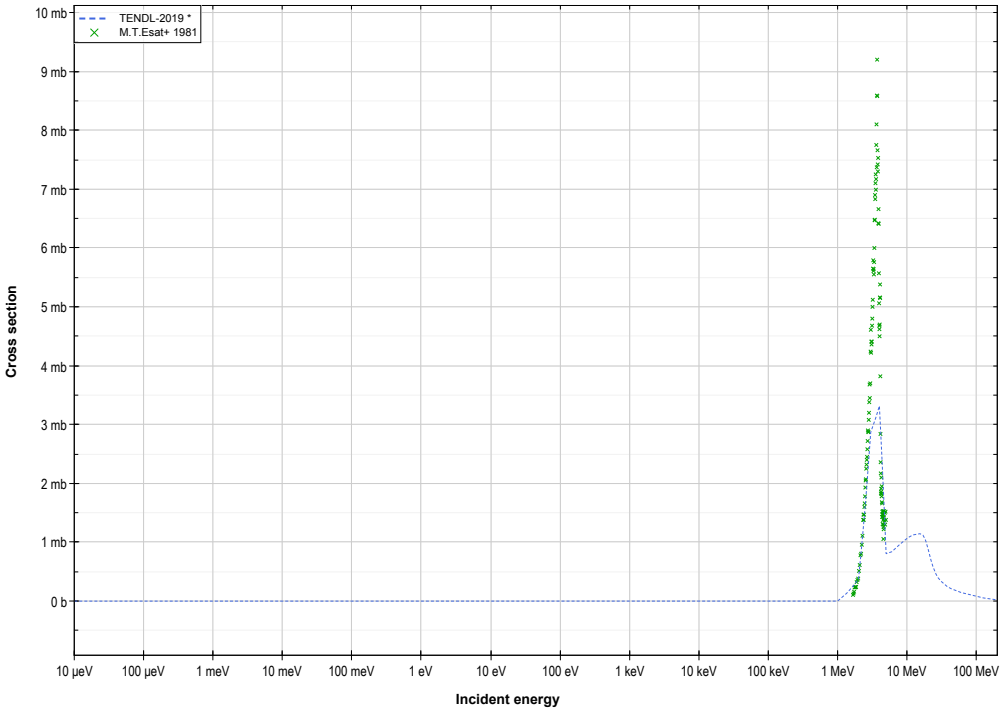
Reaction	Q-Value
Zn68(p,n+α)Cu64	-7789.86 keV
Zn68(p,d+t)Cu64	-25379.16 keV
Zn68(p,n+p+t)Cu64	-27603.73 keV
Zn68(p,2n+He3)Cu64	-28367.48 keV
Zn68(p,n+2d)Cu64	-31636.39 keV
Zn68(p,2n+p+d)Cu64	-33860.96 keV
Zn68(p,3n+2p)Cu64	-36085.52 keV

<< 30-Zn-67	**30-Zn-68**	34-Se-74 >>
<< MT22 (p,n+α)	**MT102 (p,γ) or MT5 (Ga69 production)**	MT107 (p,α) >>

Zn68 (p,γ) or Ga69 production log-log



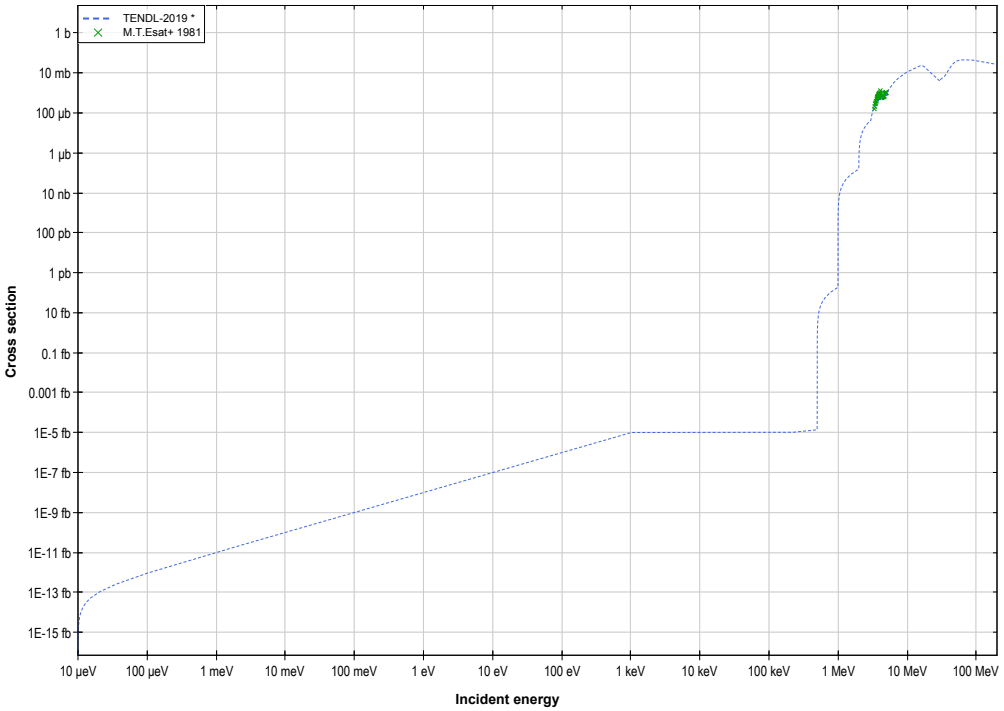
Zn68 (p,γ) or Ga69 production lin-log



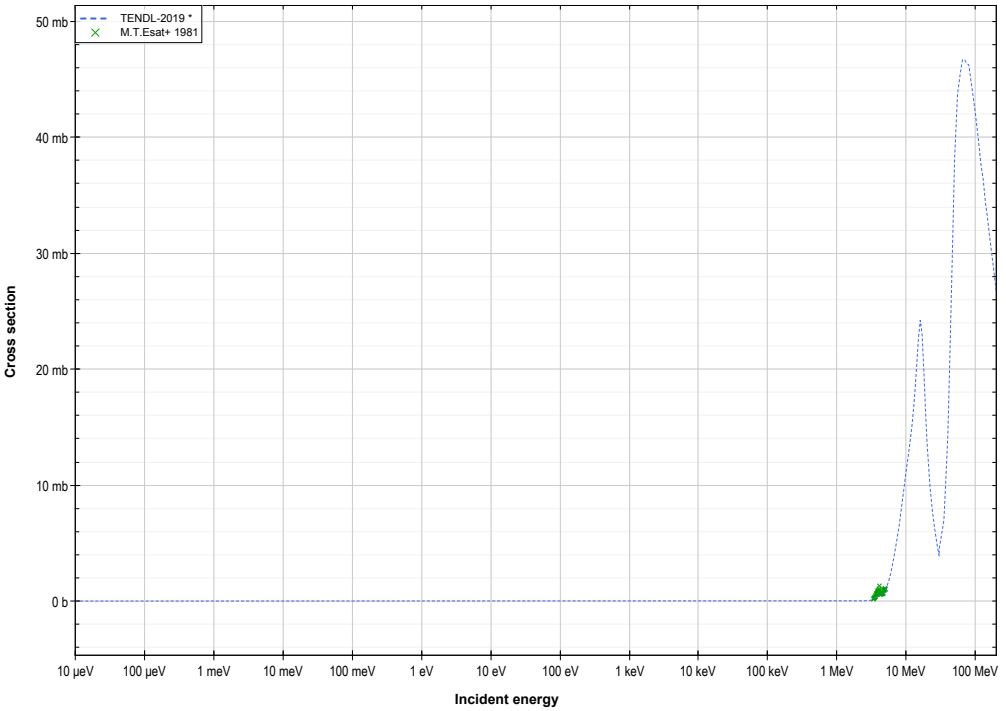
Reaction	Q-Value
Zn68(p,γ)Ga69	6609.67 keV

<< 30-Zn-67	**30-Zn-68**	30-Zn-70 >>
<< MT102 (p,γ)	**MT107 (p,α) or MT5 (Cu65 production)**	MT111 (p,2p) >>

Zn68 (p,α) or Cu65 production log-log



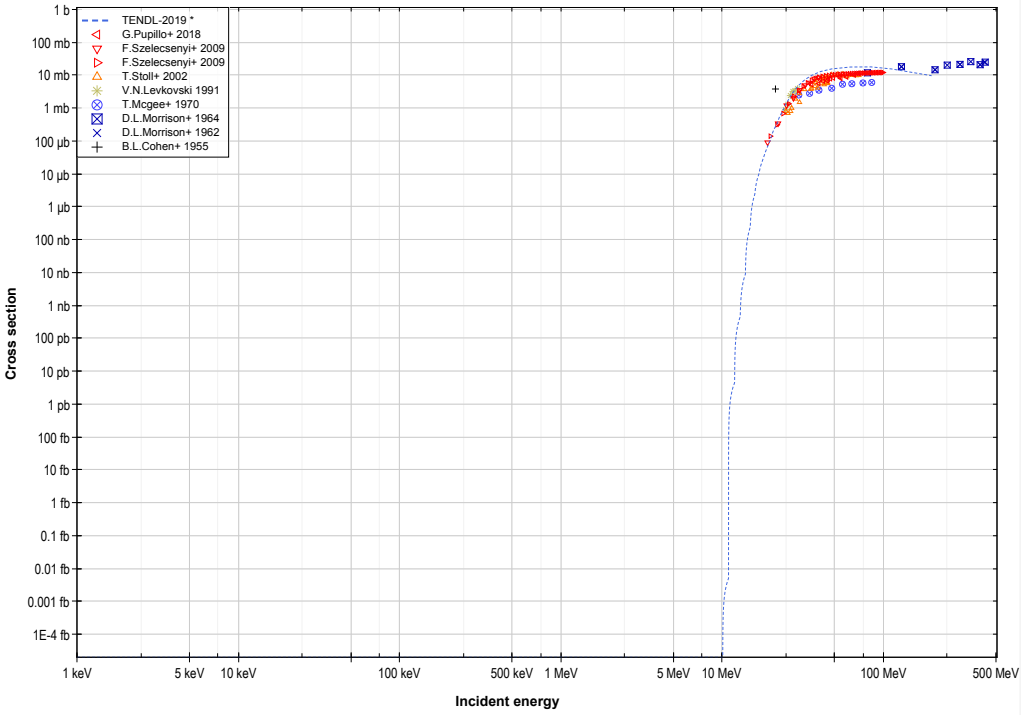
Zn68 (p,α) or Cu65 production lin-log



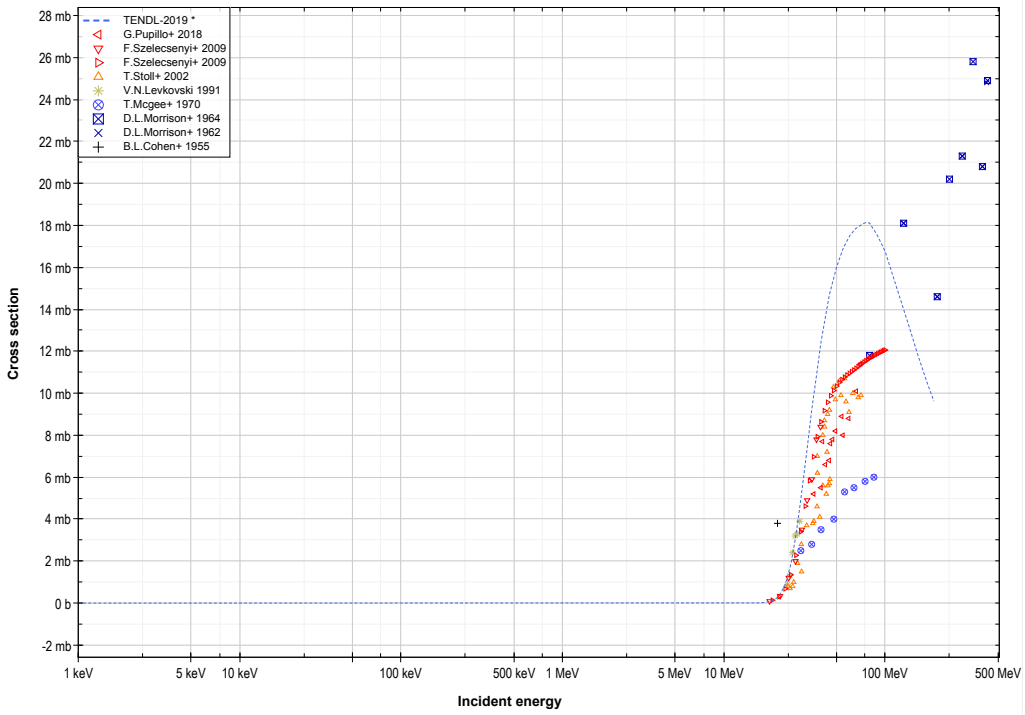
Reaction	Q-Value
Zn68(p,α)Cu65	2120.65 keV
Zn68(p,p+t)Cu65	-17693.21 keV
Zn68(p,n+He3)Cu65	-18456.96 keV
Zn68(p,2d)Cu65	-21725.87 keV
Zn68(p,n+p+d)Cu65	-23950.44 keV
Zn68(p,2n+2p)Cu65	-26175.00 keV

<< 28-Ni-62	**30-Zn-68**	32-Ge-74 >>
<< MT107 (p,α)	**MT111 (p,2p) or MT5 (Cu67 production)**	MT176 (p,2n+³He) >>

Zn68 (p,2p) or Cu67 production log-log



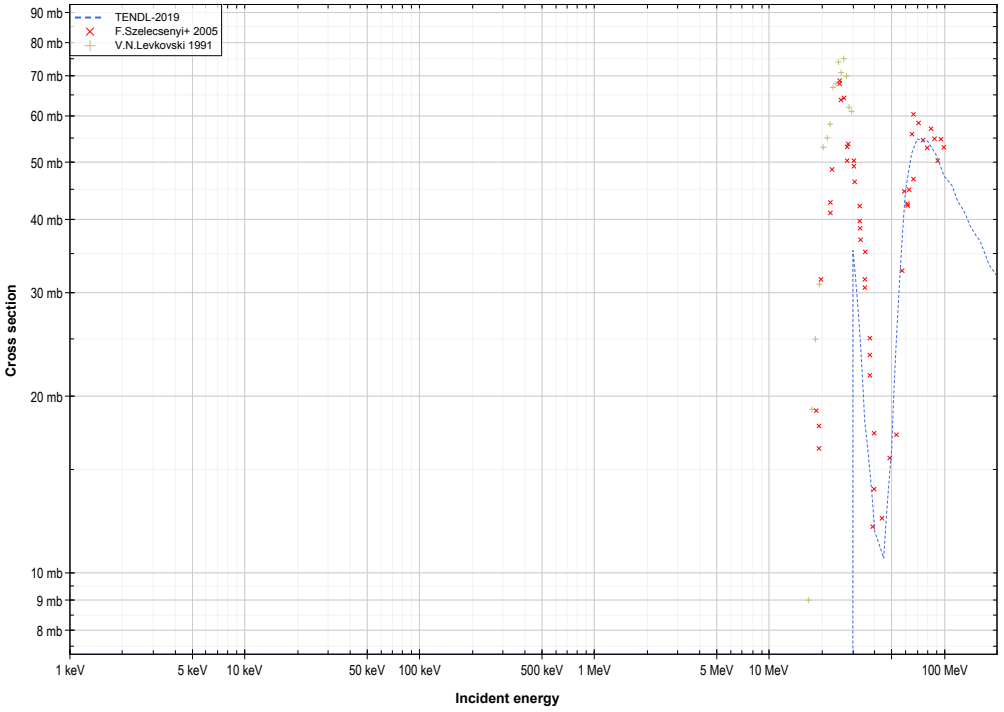
Zn68 (p,2p) or Cu67 production lin-log



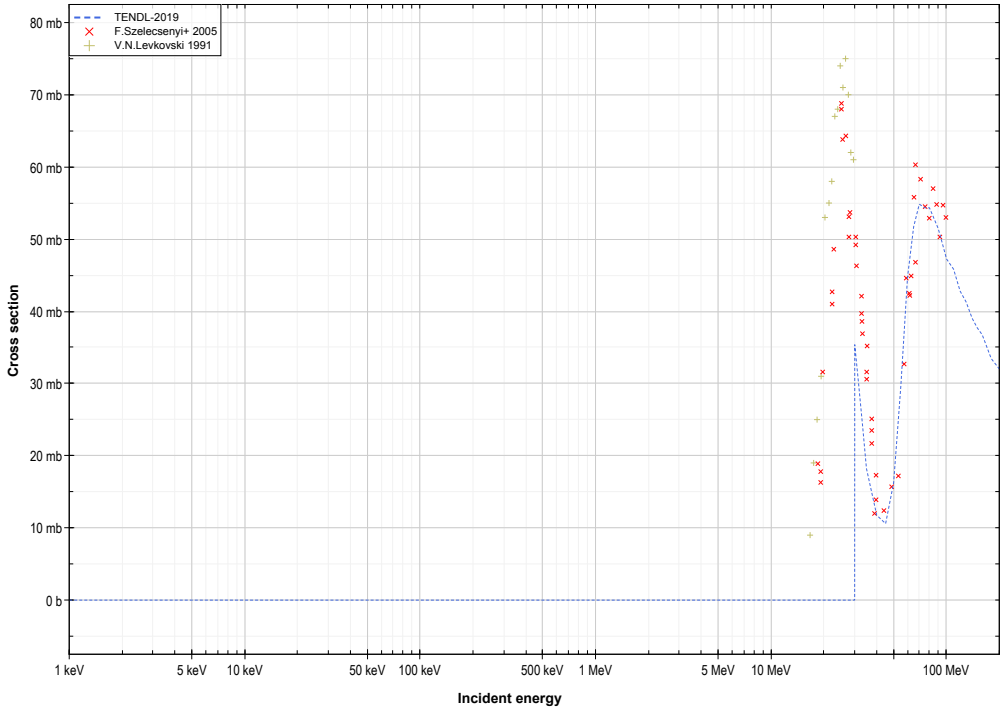
Reaction	Q-Value
Zn68(p,2p)Cu67	-9976.57 keV

<< 30-Zn-64	**30-Zn-68**	31-Ga-69 >>
<< MT111 (p,2p)	**MT176 (p,2n+³He) or MT5 (Cu64 production)**	MT179 (p,3n+2p) >>

Zn68 (p,2n+³He) or Cu64 production log-log



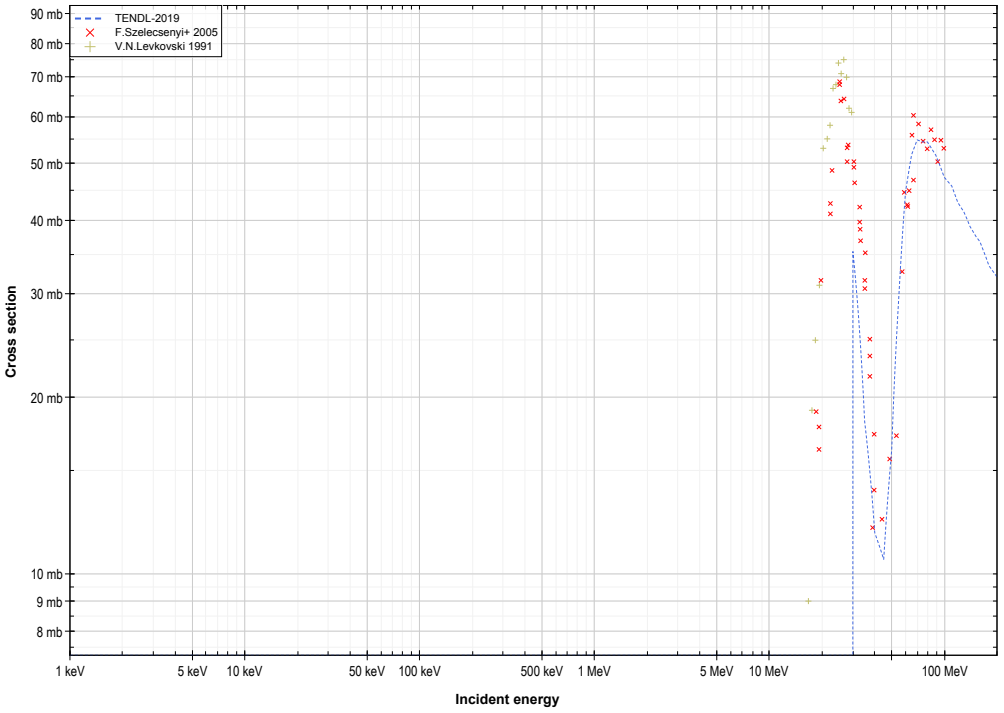
Zn68 (p,2n+³He) or Cu64 production lin-log



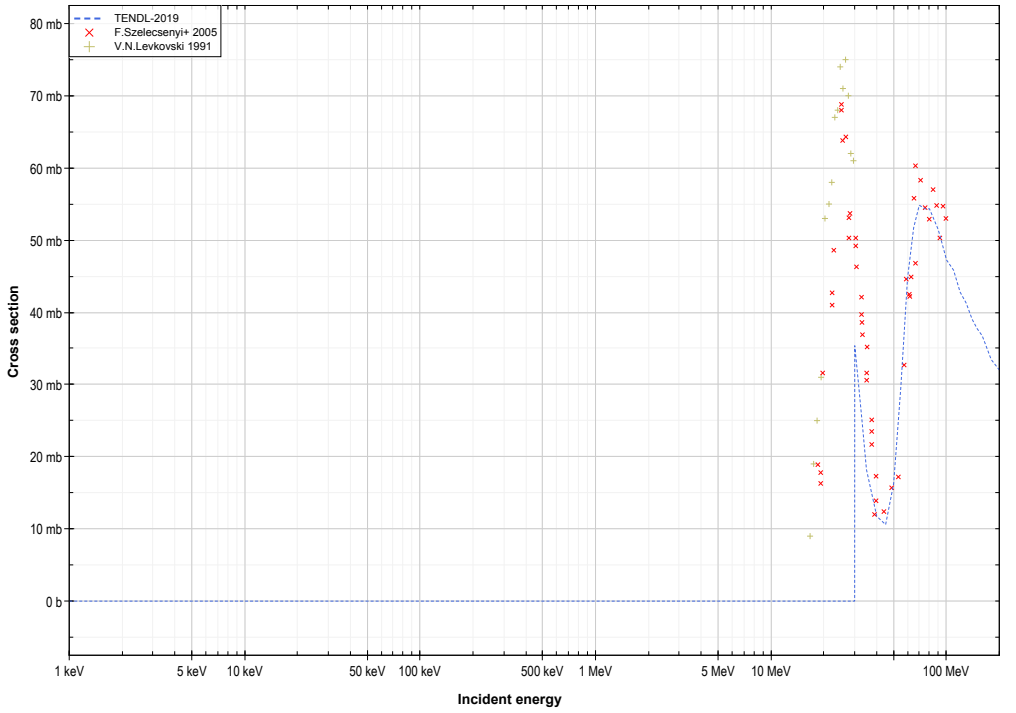
Reaction	Q-Value
Zn68(p,n+α)Cu64	-7789.86 keV
Zn68(p,d+t)Cu64	-25379.16 keV
Zn68(p,n+p+t)Cu64	-27603.73 keV
Zn68(p,2n+He3)Cu64	-28367.48 keV
Zn68(p,n+2d)Cu64	-31636.39 keV
Zn68(p,2n+p+d)Cu64	-33860.96 keV
Zn68(p,3n+2p)Cu64	-36085.52 keV

<< 30-Zn-64	**30-Zn-68**	31-Ga-69 >>
<< MT176 (p,2n+^{3}He)	**MT179 (p,3n+2p) or MT5 (Cu64 production)**	MT182 (p,d+t) >>

Zn68 (p,3n+2p) or Cu64 production log-log



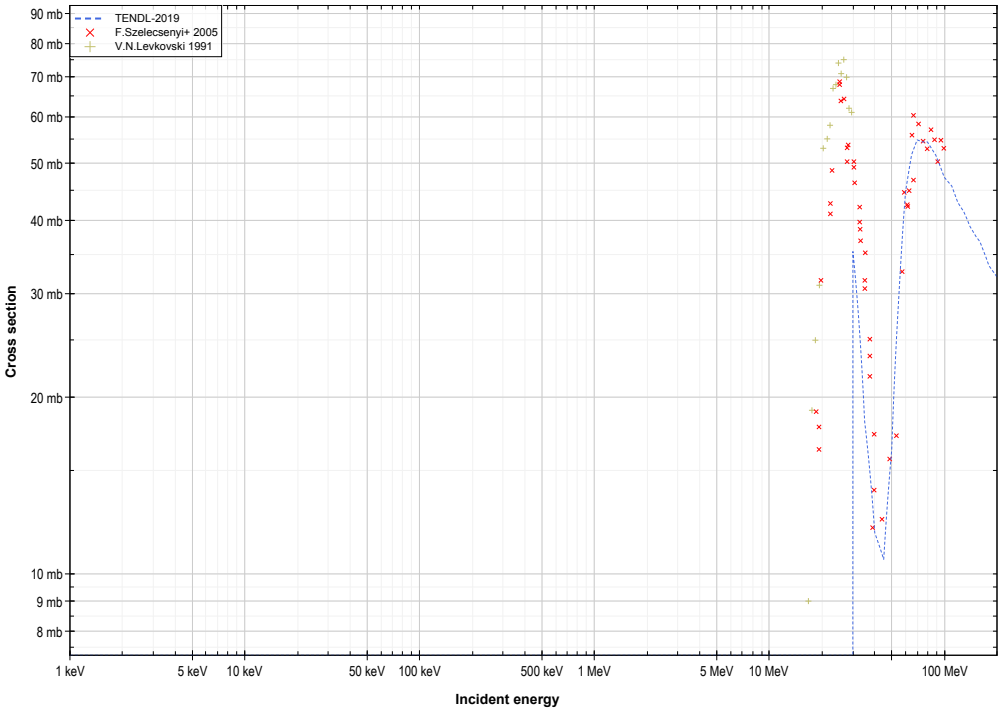
Zn68 (p,3n+2p) or Cu64 production lin-log



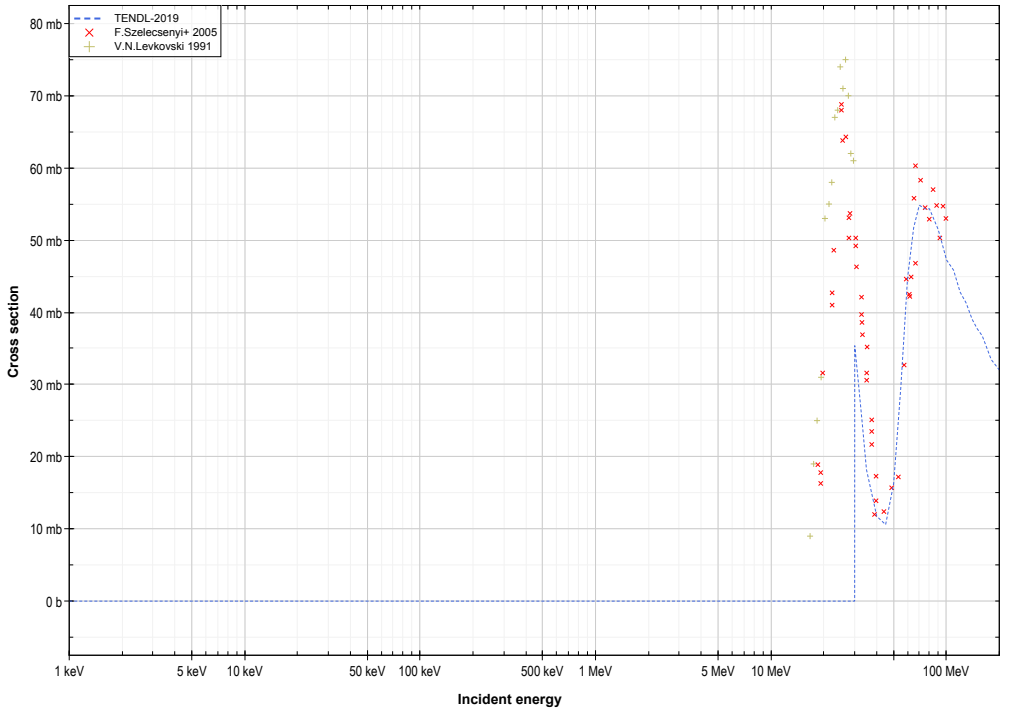
Reaction	Q-Value
Zn68(p,n+α)Cu64	-7789.86 keV
Zn68(p,d+t)Cu64	-25379.16 keV
Zn68(p,n+p+t)Cu64	-27603.73 keV
Zn68(p,2n+He3)Cu64	-28367.48 keV
Zn68(p,n+2d)Cu64	-31636.39 keV
Zn68(p,2n+p+d)Cu64	-33860.96 keV
Zn68(p,3n+2p)Cu64	-36085.52 keV

<< 30-Zn-64	**30-Zn-68**	31-Ga-69 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Cu64 production)**	MT184 (p,n+p+t) >>

Zn68 (p,d+t) or Cu64 production log-log



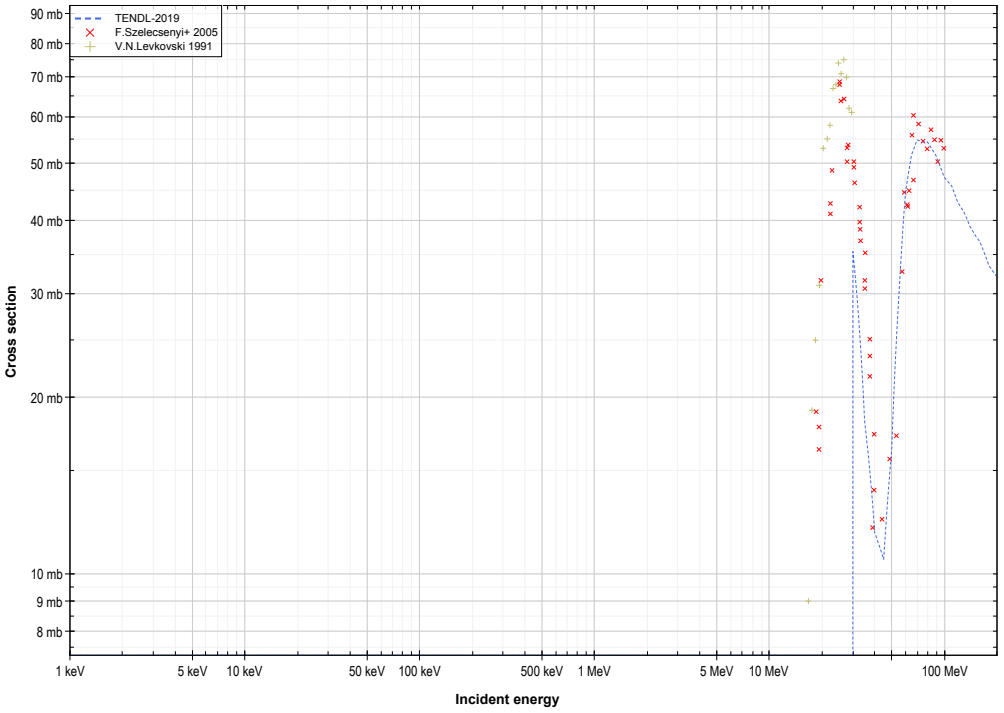
Zn68 (p,d+t) or Cu64 production lin-log



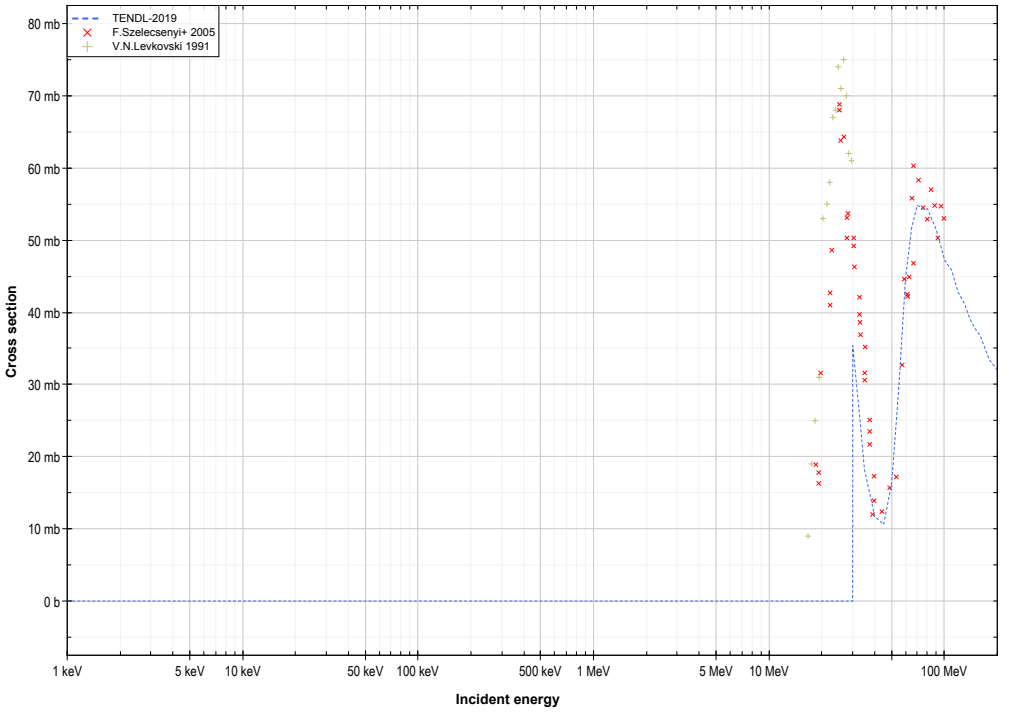
Reaction	Q-Value
Zn68(p,n+α)Cu64	-7789.86 keV
Zn68(p,d+t)Cu64	-25379.16 keV
Zn68(p,n+p+t)Cu64	-27603.73 keV
Zn68(p,2n+He3)Cu64	-28367.48 keV
Zn68(p,n+2d)Cu64	-31636.39 keV
Zn68(p,2n+p+d)Cu64	-33860.96 keV
Zn68(p,3n+2p)Cu64	-36085.52 keV

<< 30-Zn-64	**30-Zn-68**	31-Ga-69 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Cu64 production)**	30-Zn-70 MT4 (p,n) >>

Zn68 (p,n+p+t) or Cu64 production log-log



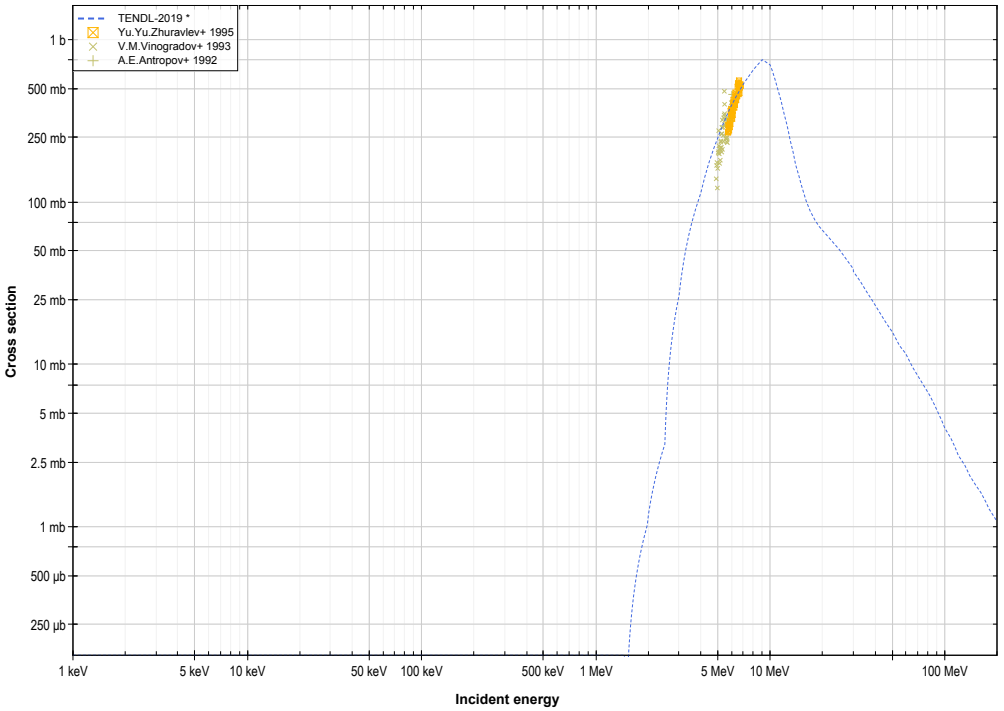
Zn68 (p,n+p+t) or Cu64 production lin-log



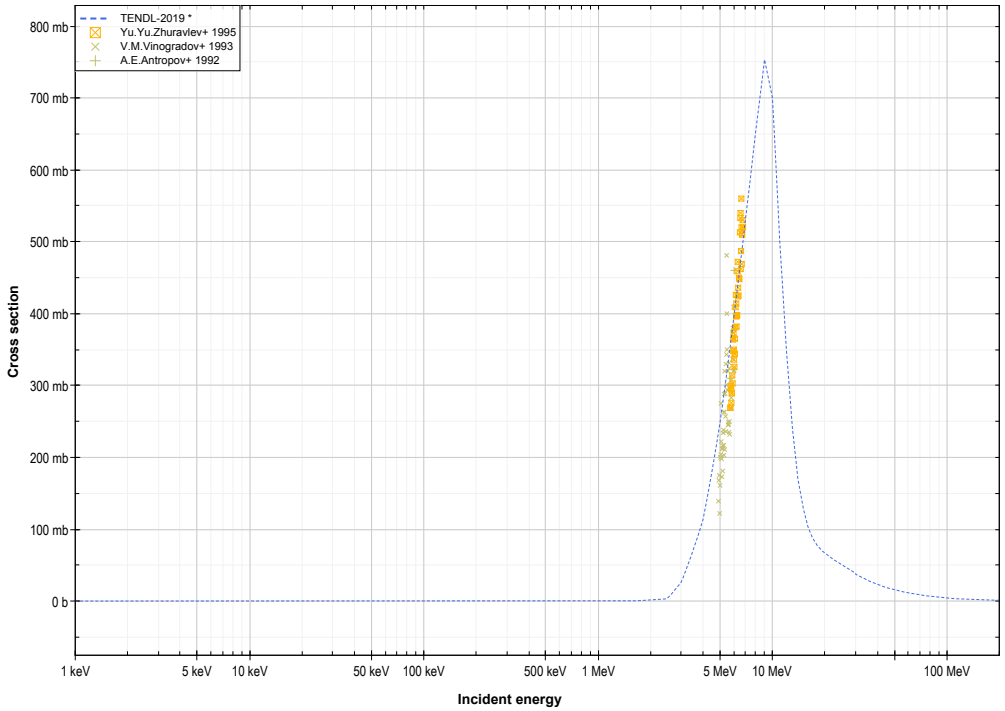
Reaction	Q-Value
Zn68(p,n+α)Cu64	-7789.86 keV
Zn68(p,d+t)Cu64	-25379.16 keV
Zn68(p,n+p+t)Cu64	-27603.73 keV
Zn68(p,2n+He3)Cu64	-28367.48 keV
Zn68(p,n+2d)Cu64	-31636.39 keV
Zn68(p,2n+p+d)Cu64	-33860.96 keV
Zn68(p,3n+2p)Cu64	-36085.52 keV

<< 30-Zn-68	**30-Zn-70**	31-Ga-69 >>
<< 30-Zn-68 MT184 (p,n+p+t)	**MT4 (p,n) or MT5 (Ga70 production)**	MT107 (p,α) >>

Zn70 (p,n) or Ga70 production log-log



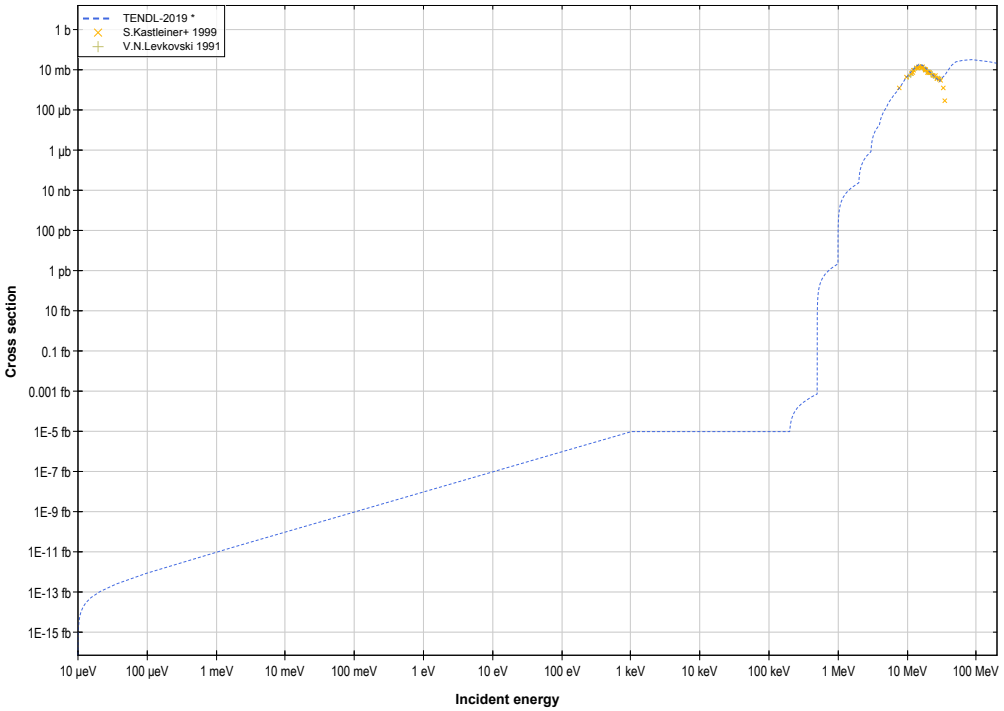
Zn70 (p,n) or Ga70 production lin-log



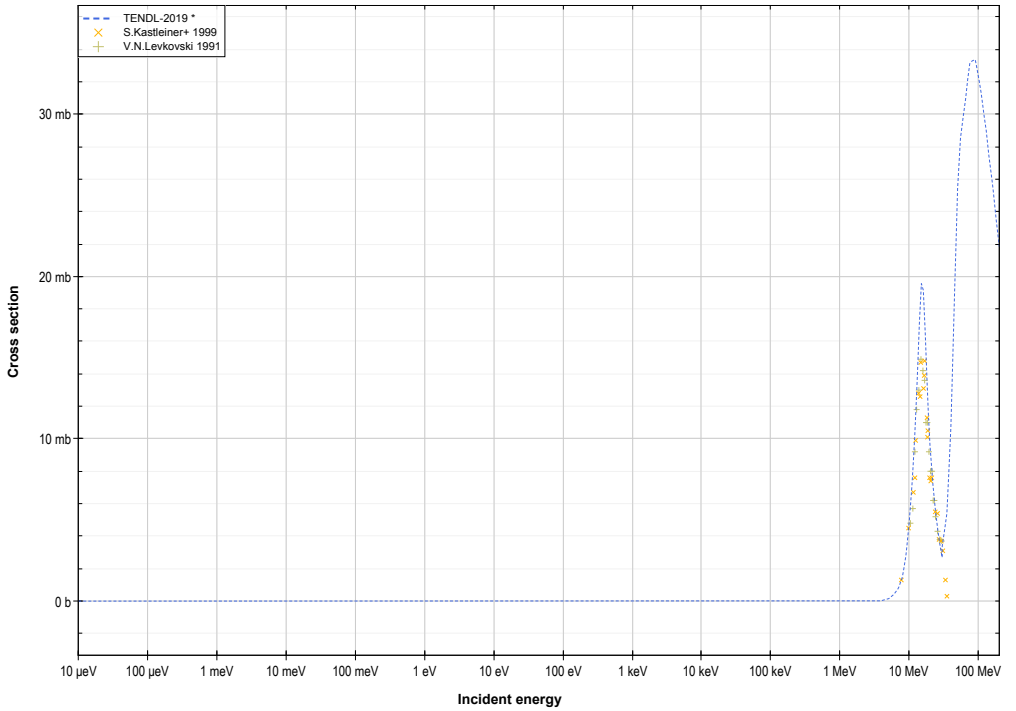
Reaction	Q-Value
Zn70(p,n)Ga70	-1436.95 keV

<< 30-Zn-68	**30-Zn-70**	32-Ge-70 >>
<< MT4 (p,n)	**MT107 (p,α) or MT5 (Cu67 production)**	31-Ga-69 MT4 (p,n) >>

Zn70 (p,α) or Cu67 production log-log



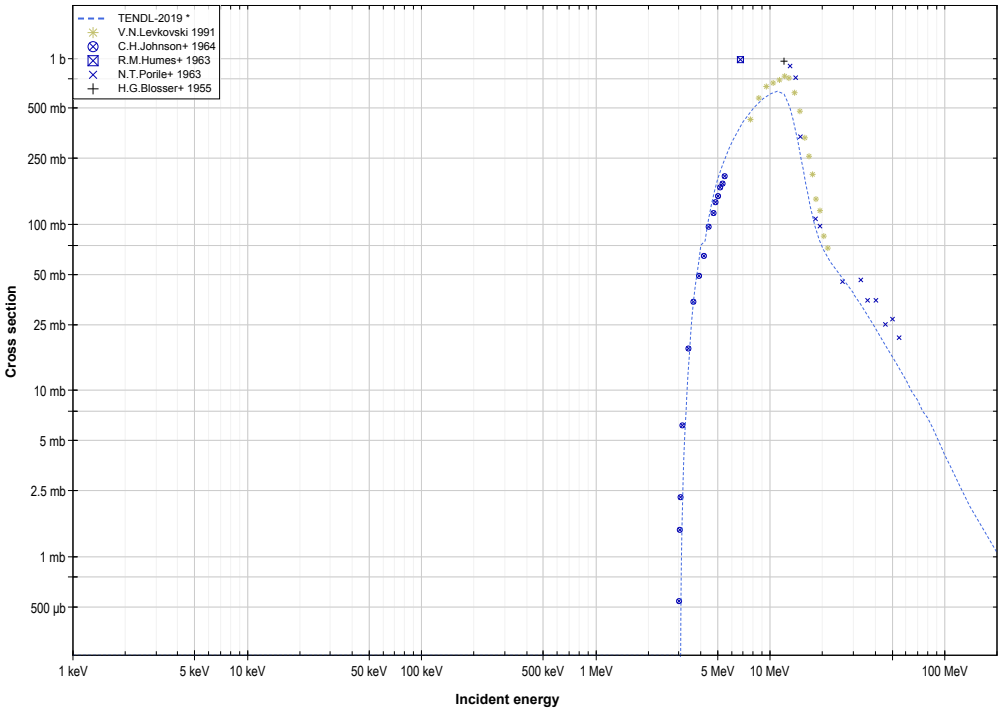
Zn70 (p,α) or Cu67 production lin-log



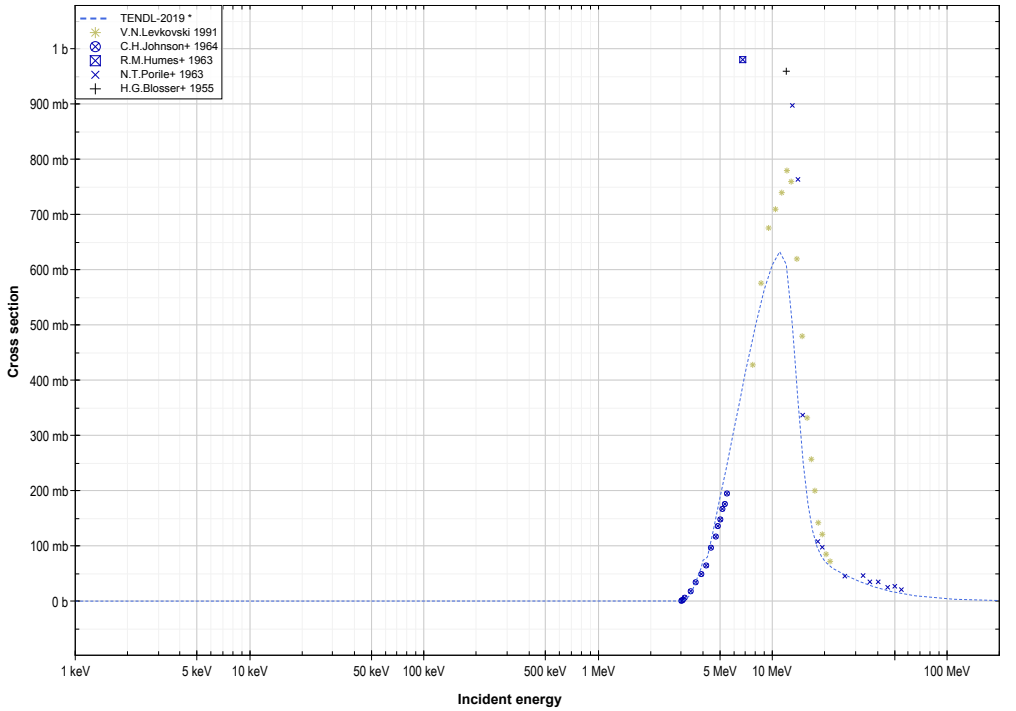
Reaction	Q-Value
Zn70(p,α)Cu67	2618.86 keV
Zn70(p,p+t)Cu67	-17195.01 keV
Zn70(p,n+He3)Cu67	-17958.76 keV
Zn70(p,2d)Cu67	-21227.67 keV
Zn70(p,n+p+d)Cu67	-23452.24 keV
Zn70(p,2n+2p)Cu67	-25676.80 keV

<< 30-Zn-70	**31-Ga-69**	31-Ga-71 >>
<< 30-Zn-70 MT107 (p,α)	**MT4 (p,n) or MT5 (Ge69 production)**	MT16 (p,2n) >>

Ga69 (p,n) or Ge69 production log-log



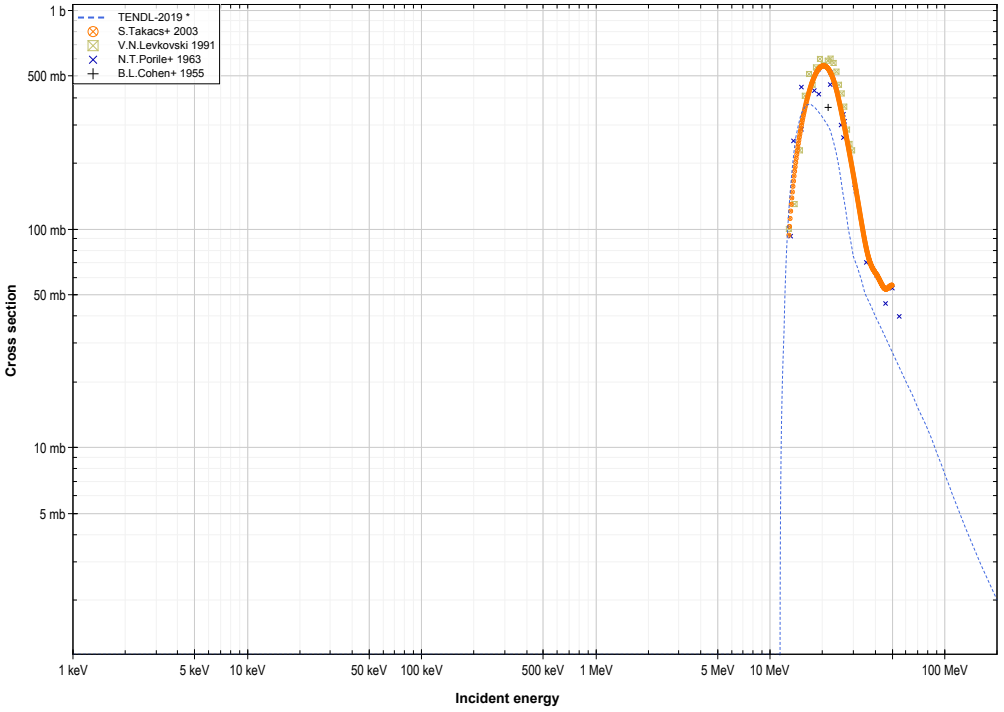
Ga69 (p,n) or Ge69 production lin-log



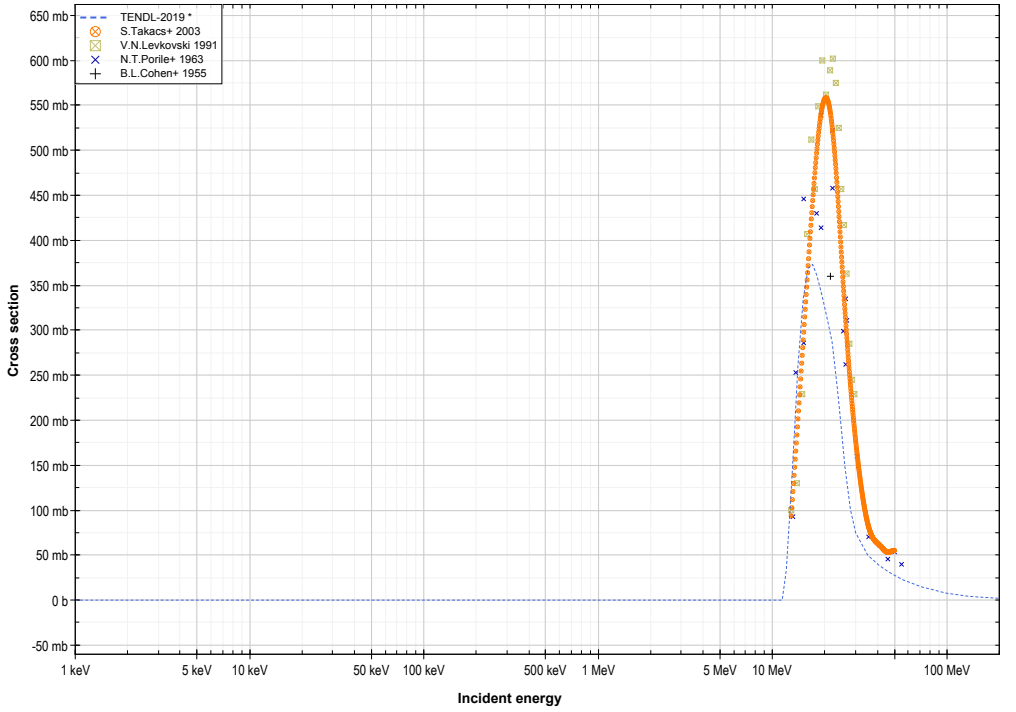
Reaction	Q-Value
Ga69(p,n)Ge69	-3009.45 keV

<< 30-Zn-68	**31-Ga-69**	32-Ge-70 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Ge68 production)**	MT17 (p,3n) >>

Ga69 (p,2n) or Ge68 production log-log



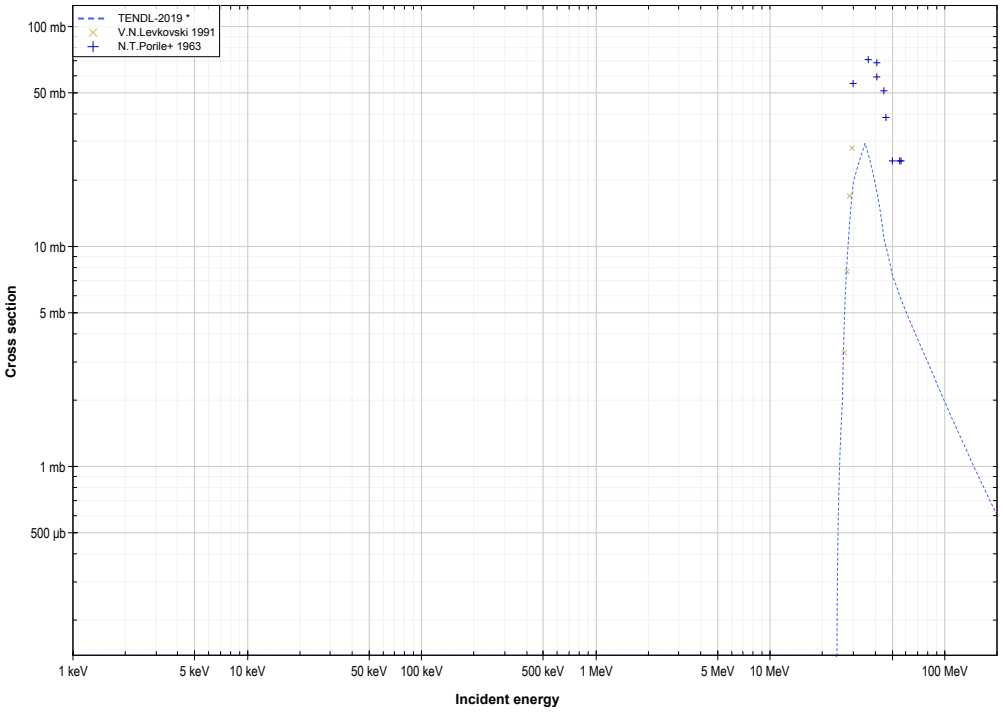
Ga69 (p,2n) or Ge68 production lin-log



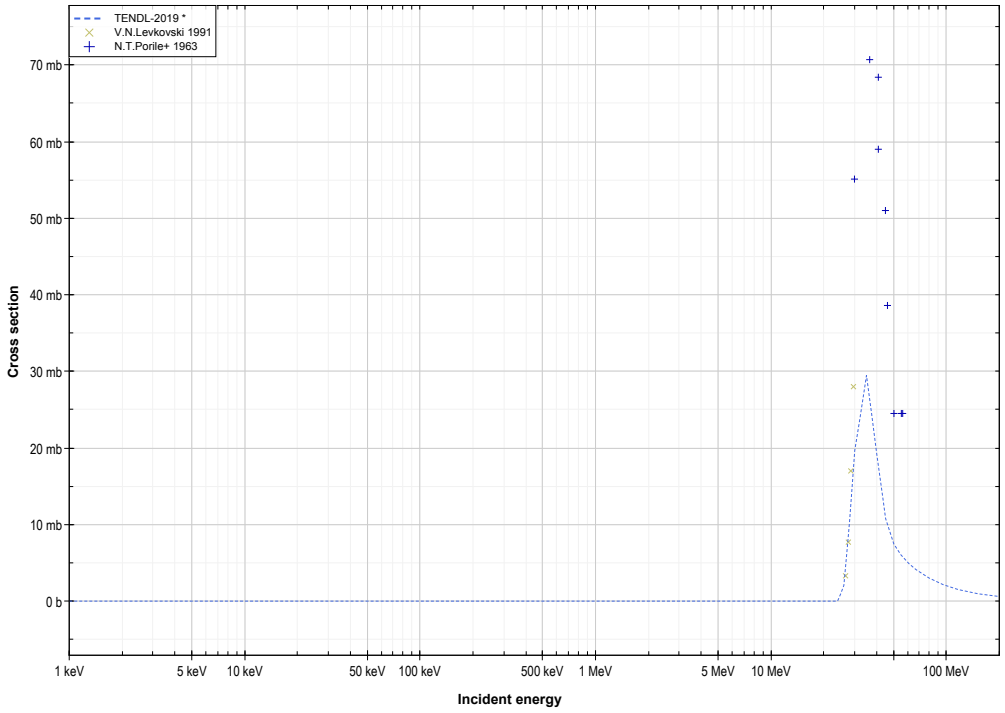
Reaction	Q-Value
Ga69(p,2n)Ge68	-11202.66 keV

<< 30-Zn-68	**31-Ga-69**	31-Ga-71 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Ge67 production)**	MT22 (p,n+α) >>

Ga69 (p,3n) or Ge67 production log-log



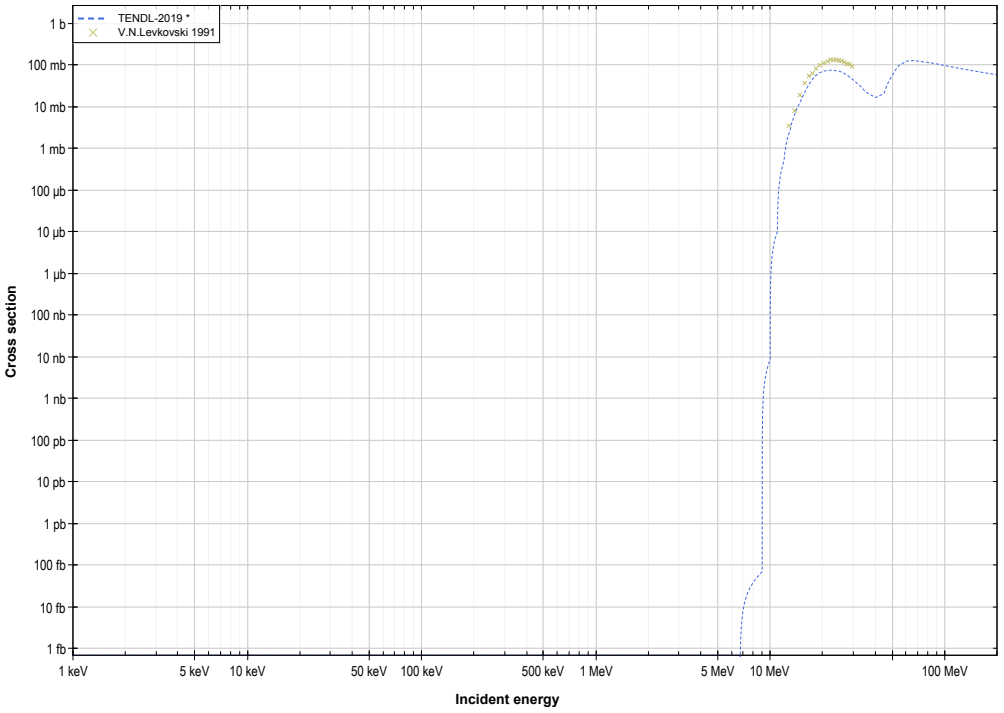
Ga69 (p,3n) or Ge67 production lin-log



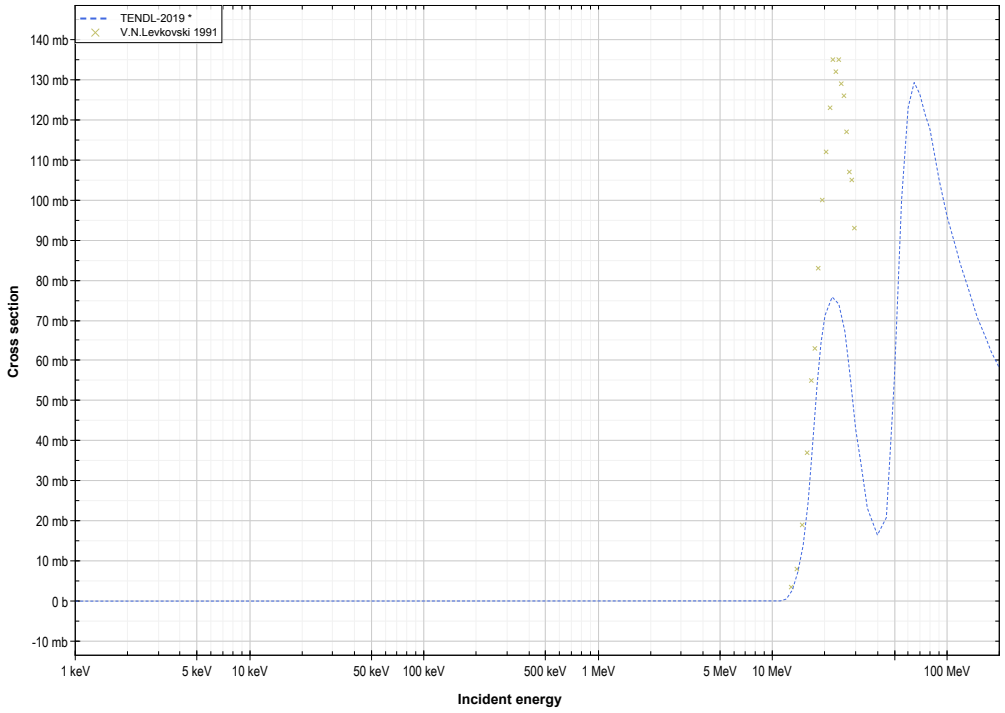
Reaction	Q-Value
Ga69(p,3n)Ge67	-23594.78 keV

<< 30-Zn-68	**31-Ga-69**	32-Ge-70 >>
<< MT17 (p,3n)	**MT22 (p,n+α) or MT5 (Zn65 production)**	MT28 (p,n+p) >>

Ga69 (p,n+α) or Zn65 production log-log



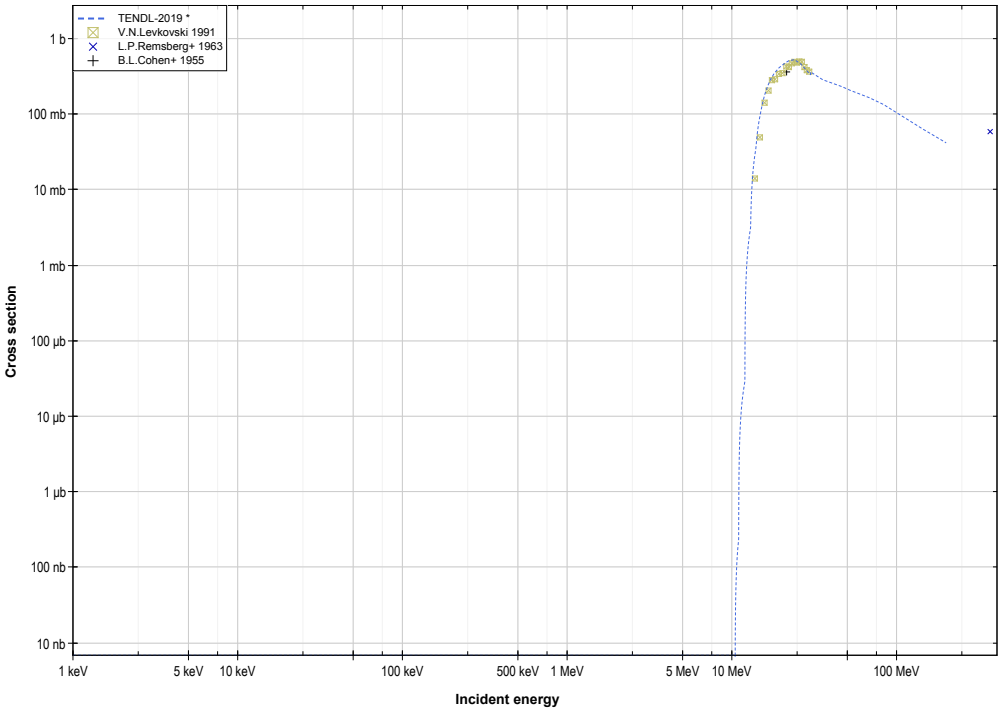
Ga69 (p,n+α) or Zn65 production lin-log



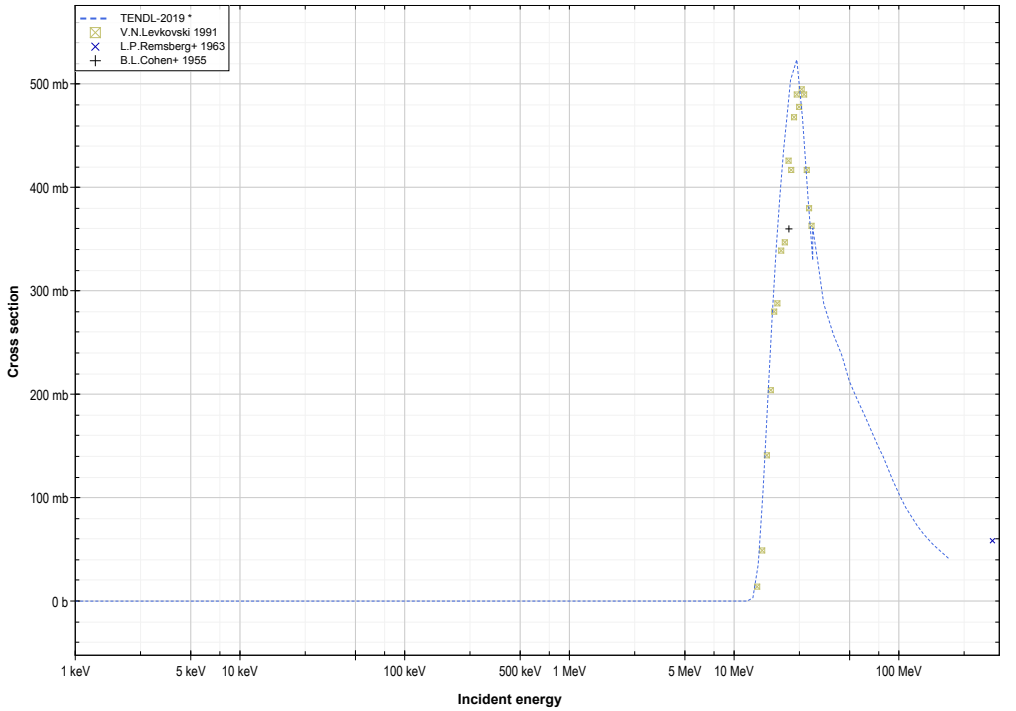
Reaction	Q-Value
Ga69(p,n+α)Zn65	-6623.06 keV
Ga69(p,d+t)Zn65	-24212.36 keV
Ga69(p,n+p+t)Zn65	-26436.93 keV
Ga69(p,2n+He3)Zn65	-27200.68 keV
Ga69(p,n+2d)Zn65	-30469.59 keV
Ga69(p,2n+p+d)Zn65	-32694.16 keV
Ga69(p,3n+2p)Zn65	-34918.72 keV

<< 30-Zn-66	**31-Ga-69**	31-Ga-71 >>
<< MT22 (p,n+α)	**MT28 (p,n+p) or MT5 (Ga68 production)**	MT32 (p,n+d) >>

Ga69 (p,n+p) or Ga68 production log-log



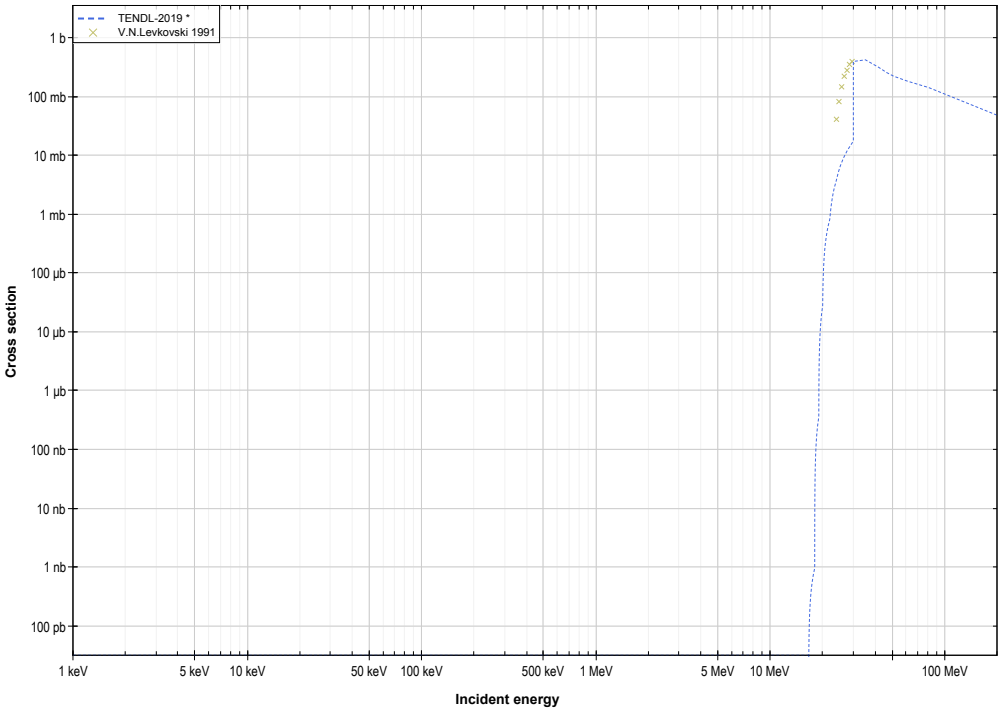
Ga69 (p,n+p) or Ga68 production lin-log



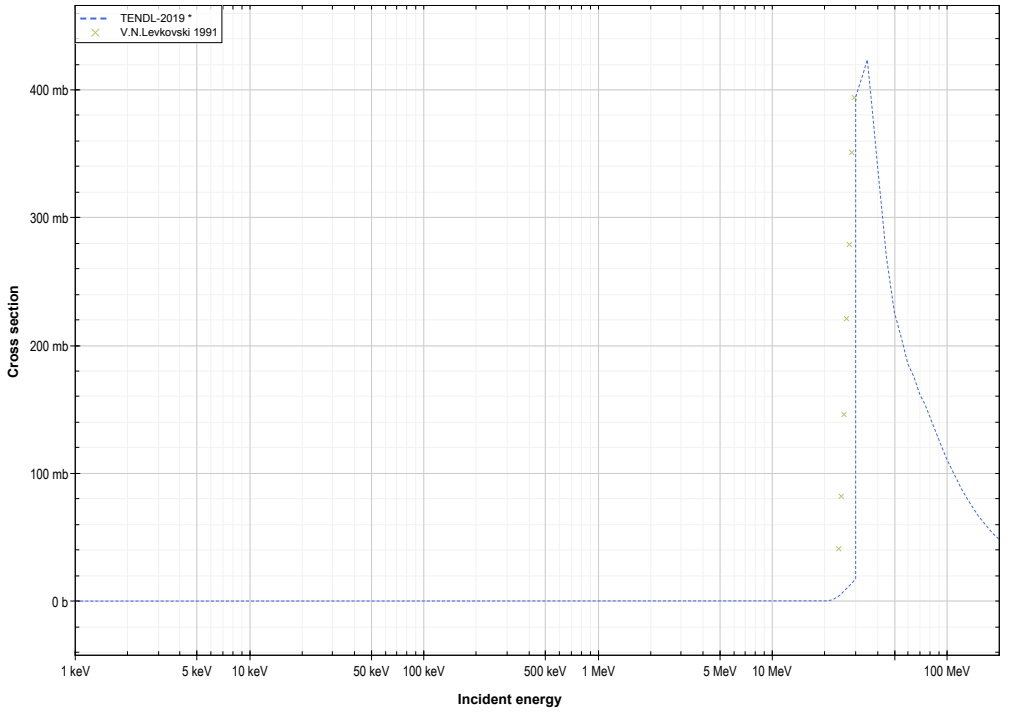
Reaction	Q-Value
Ga69(p,d)Ga68	-8088.55 keV
Ga69(p,n+p)Ga68	-10313.12 keV

<< 30-Zn-64	**31-Ga-69**	34-Se-74 >>
<< MT28 (p,n+p)	**MT32 (p,n+d) or MT5 (Ga67 production)**	MT37 (p,4n) >>

Ga69 (p,n+d) or Ga67 production log-log



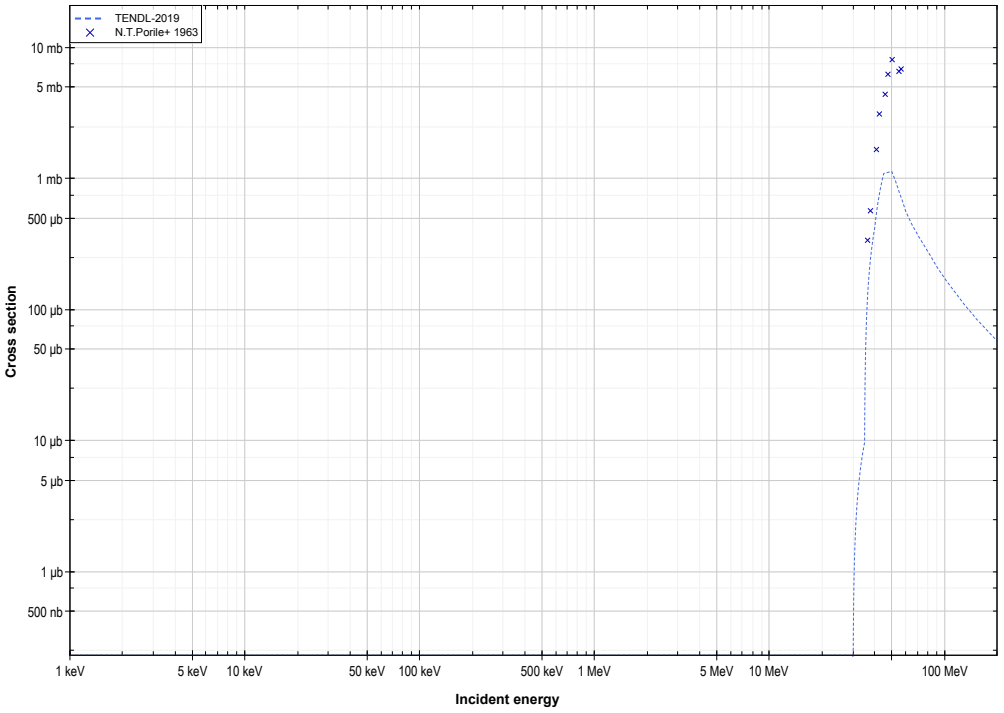
Ga69 (p,n+d) or Ga67 production lin-log



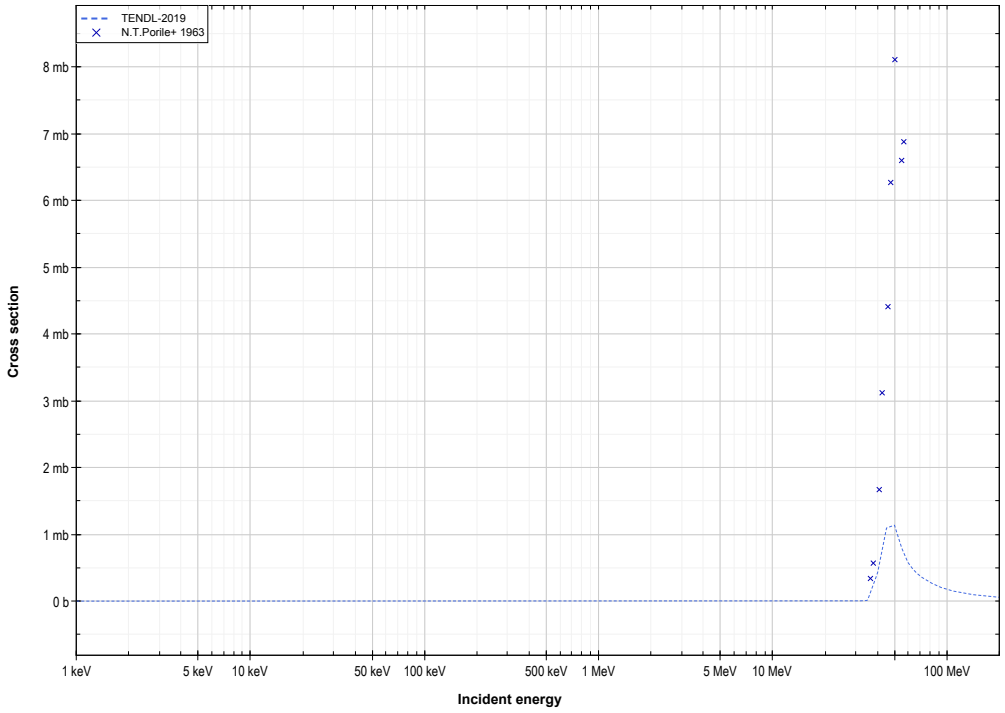
Reaction	Q-Value
Ga69(p,t)Ga67	-10109.64 keV
Ga69(p,n+d)Ga67	-16366.87 keV
Ga69(p,2n+p)Ga67	-18591.43 keV

<< 29-Cu-65	**31-Ga-69**	31-Ga-71 >>
<< MT32 (p,n+d)	**MT37 (p,4n) or MT5 (Ge66 production)**	MT41 (p,2n+p) >>

Ga69 (p,4n) or Ge66 production log-log



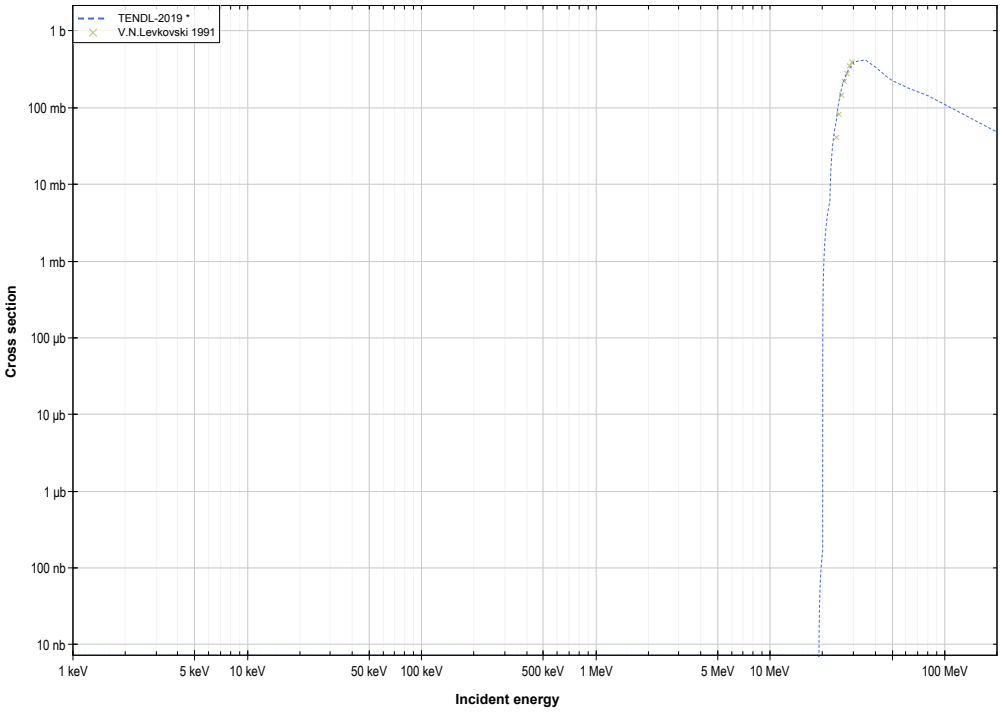
Ga69 (p,4n) or Ge66 production lin-log



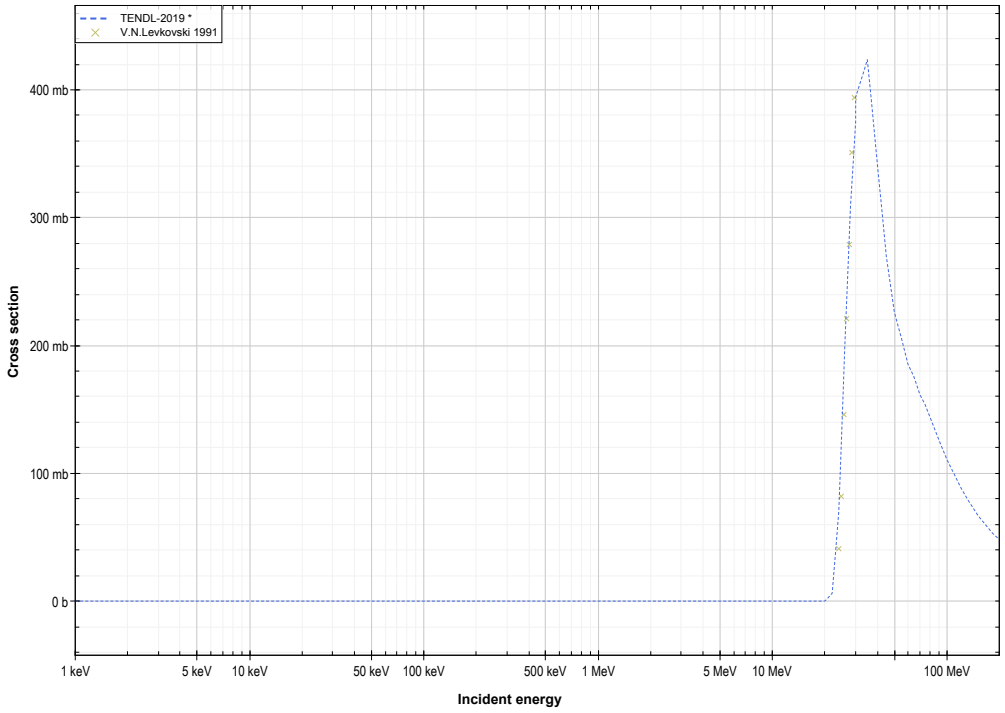
Reaction	Q-Value
Ga69(p,4n)Ge66	-32717.10 keV

<< 30-Zn-64	**31-Ga-69**	34-Se-74 >>
<< MT37 (p,4n)	**MT41 (p,2n+p) or MT5 (Ga67 production)**	MT42 (p,3n+p) >>

Ga69 (p,2n+p) or Ga67 production log-log



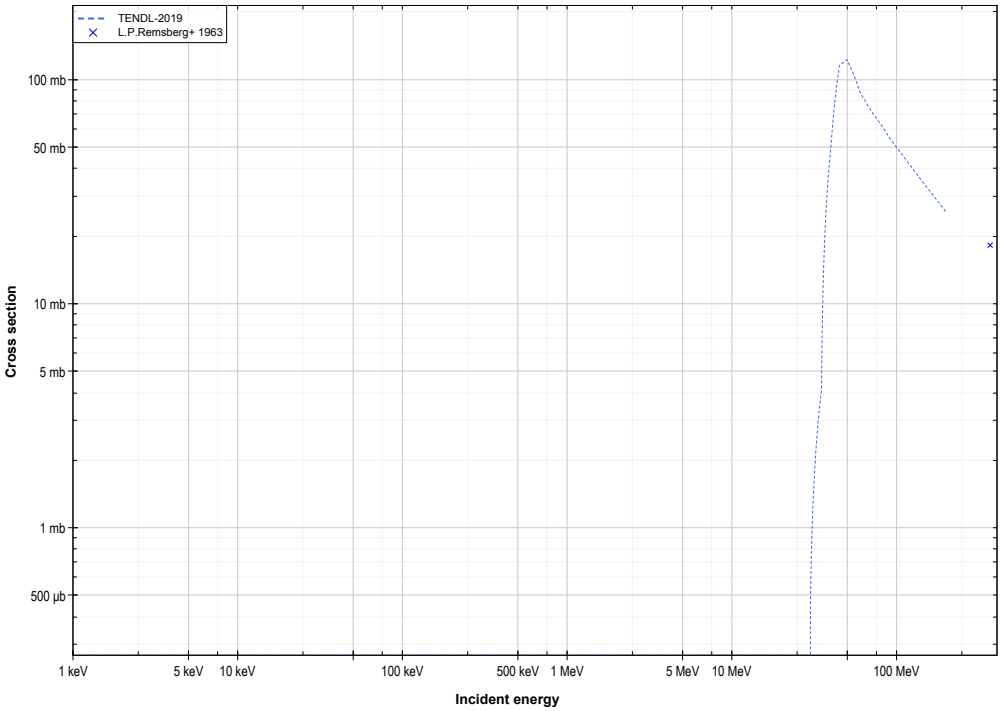
Ga69 (p,2n+p) or Ga67 production lin-log



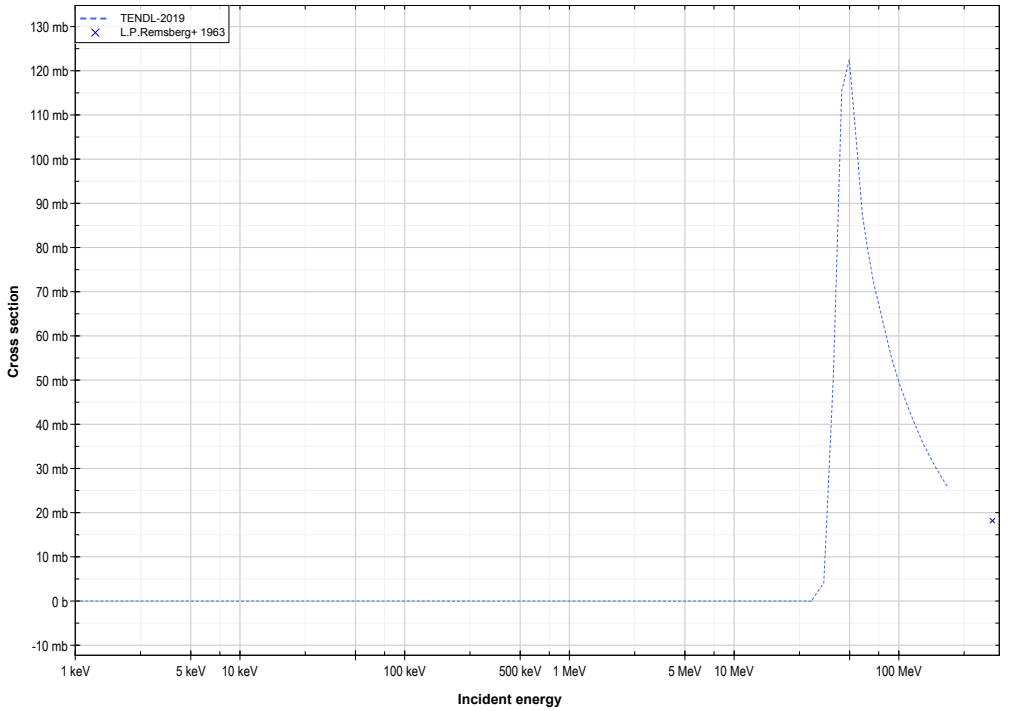
Reaction	Q-Value
Ga69(p,t)Ga67	-10109.64 keV
Ga69(p,n+d)Ga67	-16366.87 keV
Ga69(p,2n+p)Ga67	-18591.43 keV

<< 27-Co-59	**31-Ga-69**	31-Ga-71 >>
<< MT41 (p,2n+p)	**MT42 (p,3n+p) or MT5 (Ga66 production)**	MT45 (p,n+p+α) >>

Ga69 (p,3n+p) or Ga66 production log-log



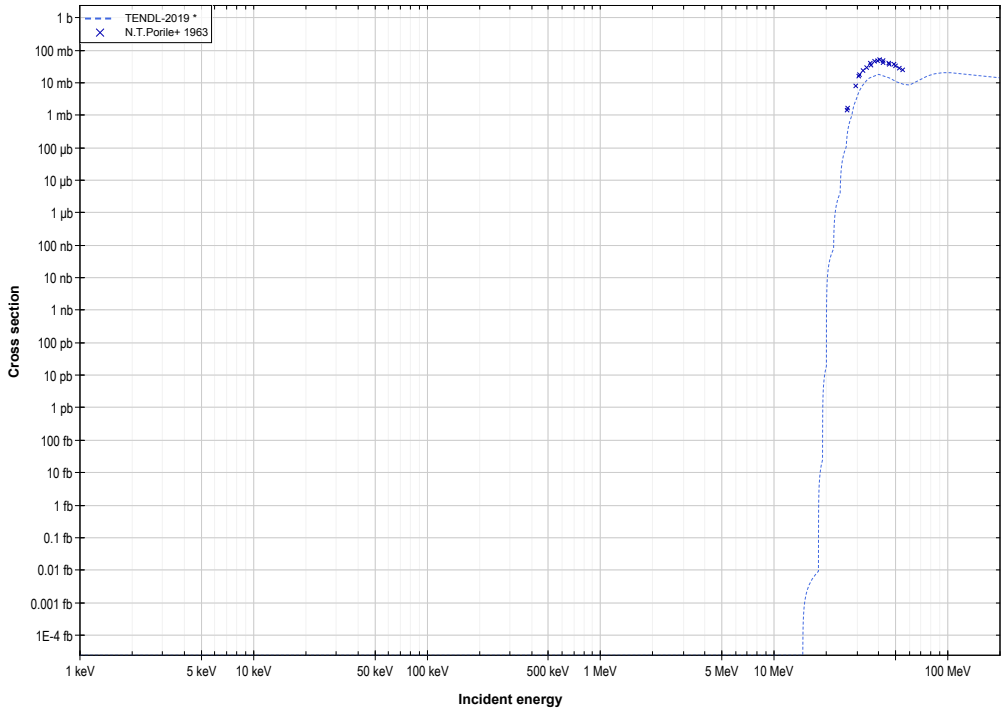
Ga69 (p,3n+p) or Ga66 production lin-log



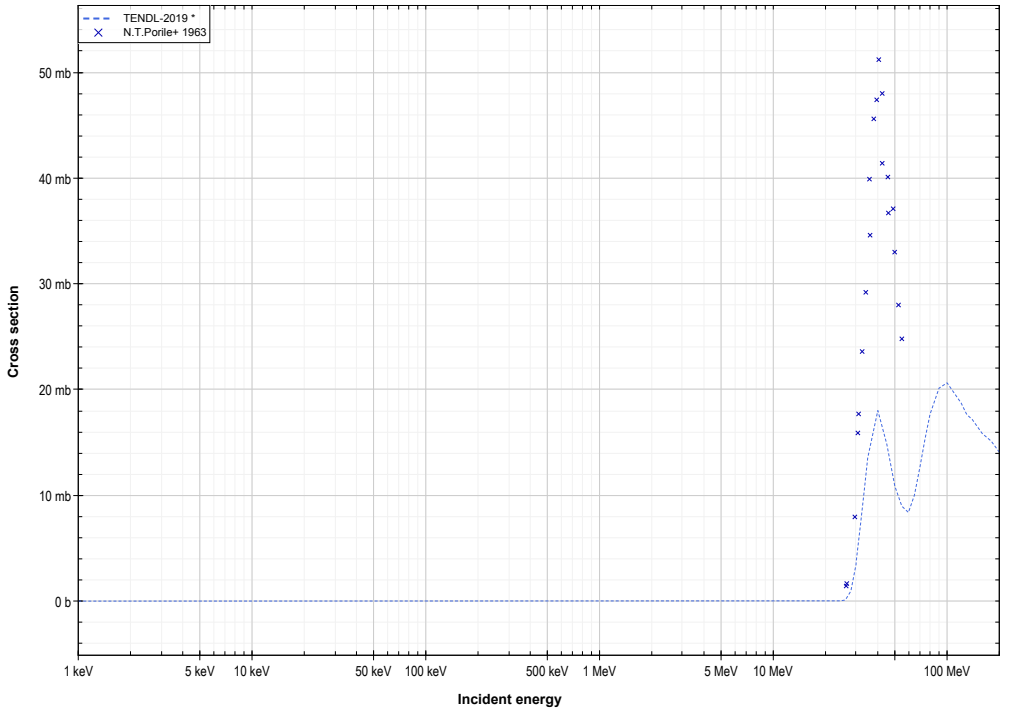
Reaction	Q-Value
Ga69(p,n+t)Ga66	-21336.26 keV
Ga69(p,2n+d)Ga66	-27593.49 keV
Ga69(p,3n+p)Ga66	-29818.05 keV

<< 29-Cu-63	**31-Ga-69**	32-Ge-70 >>
<< MT42 (p,3n+p)	**MT45 (p,n+p+α) or MT5 (Cu64 production)**	MT104 (p,d) >>

Ga69 (p,n+p+α) or Cu64 production log-log



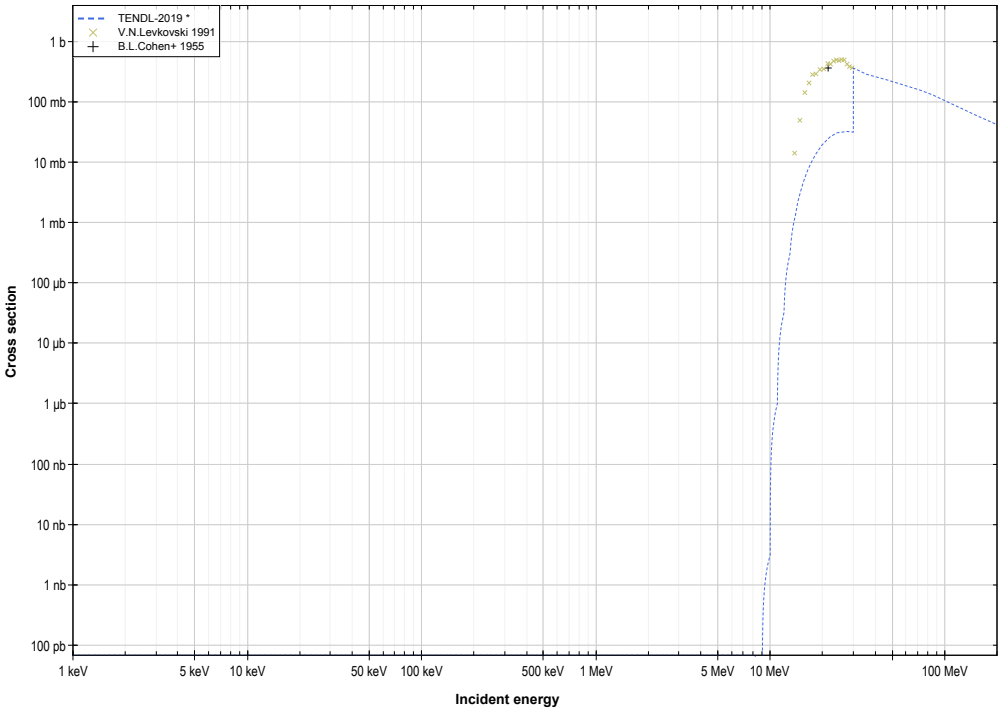
Ga69 (p,n+p+α) or Cu64 production lin-log



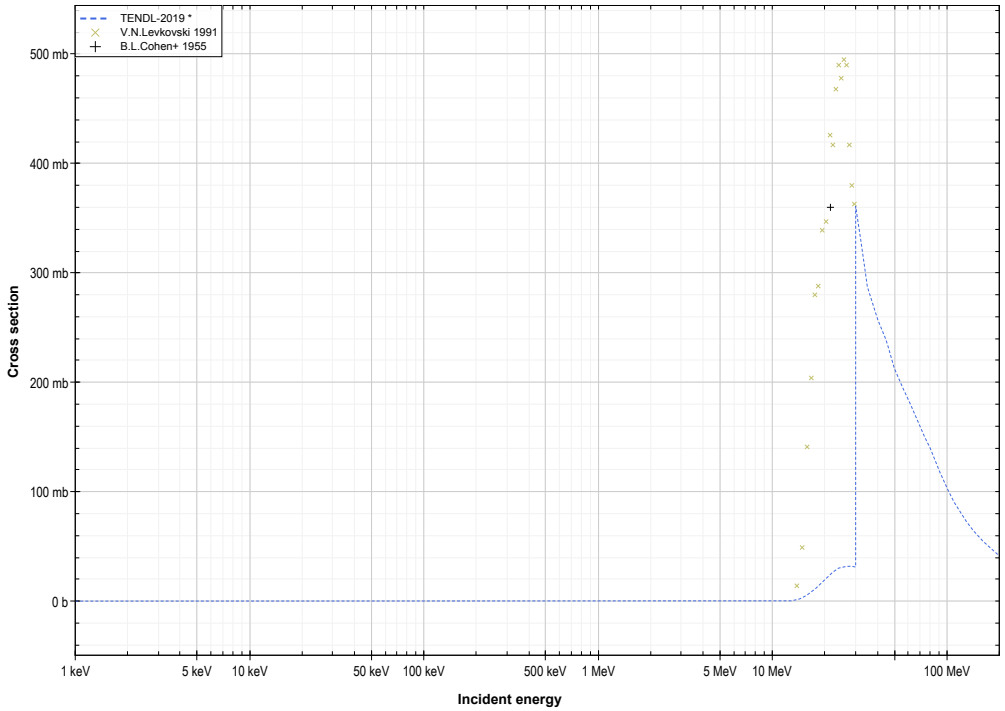
Reaction	Q-Value	Reaction	Q-Value
Ga69(p,d+α)Cu64	-12174.97 keV	Ga69(p,n+p+2d)Cu64	-38246.06 keV
Ga69(p,n+p+α)Cu64	-14399.53 keV	Ga69(p,2n+2p+d)Cu64	-40470.63 keV
Ga69(p,t+He3)Cu64	-26495.36 keV	Ga69(p,3n+3p)Cu64	-42695.19 keV
Ga69(p,p+d+t)Cu64	-31988.83 keV		
Ga69(p,n+d+He3)Cu64	-32752.59 keV		
Ga69(p,n+2p+t)Cu64	-34213.40 keV		
Ga69(p,2n+p+He3)Cu64	-34977.15 keV		
Ga69(p,3d)Cu64	-36021.49 keV		

<< 30-Zn-66	**31-Ga-69**	31-Ga-71 >>
<< MT45 (p,n+p+α)	**MT104 (p,d) or MT5 (Ga68 production)**	MT105 (p,t) >>

Ga69 (p,d) or Ga68 production log-log



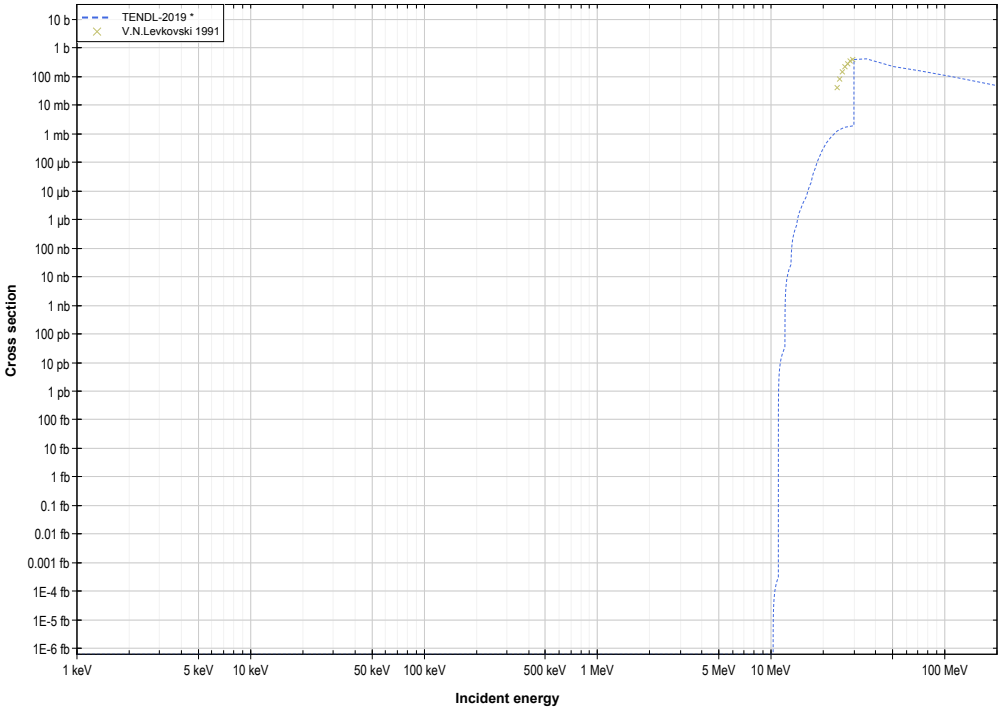
Ga69 (p,d) or Ga68 production lin-log



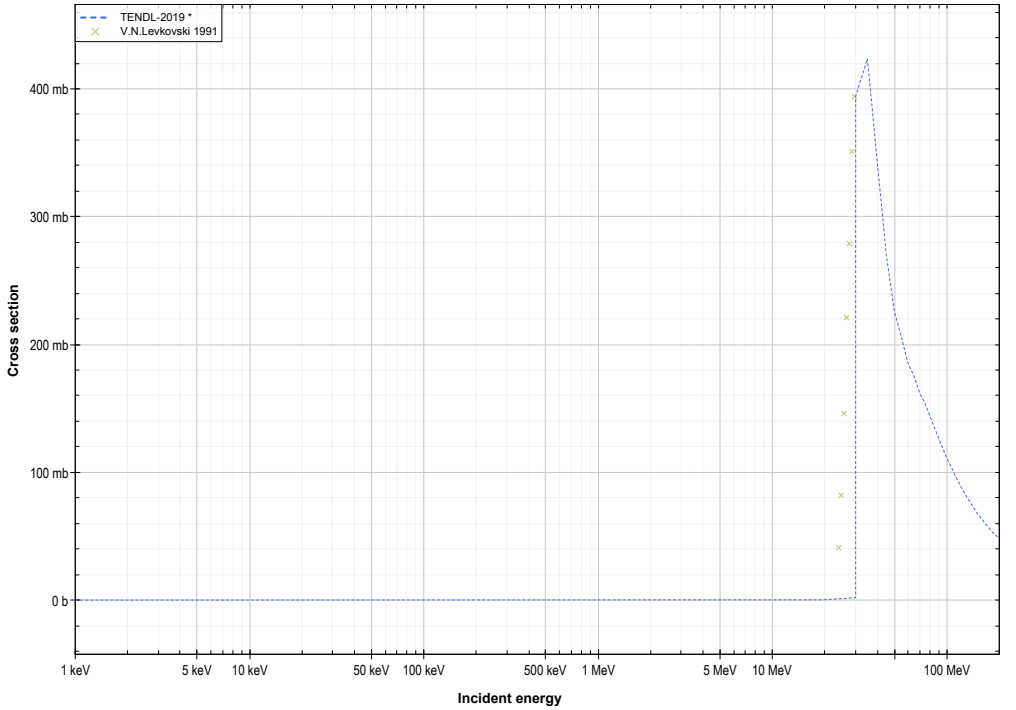
Reaction	Q-Value
Ga69(p,d)Ga68	-8088.55 keV
Ga69(p,n+p)Ga68	-10313.12 keV

<< 30-Zn-64	**31-Ga-69**	34-Se-74 >>
<< MT104 (p,d)	**MT105 (p,t) or MT5 (Ga67 production)**	MT117 (p,d+α) >>

Ga69 (p,t) or Ga67 production log-log



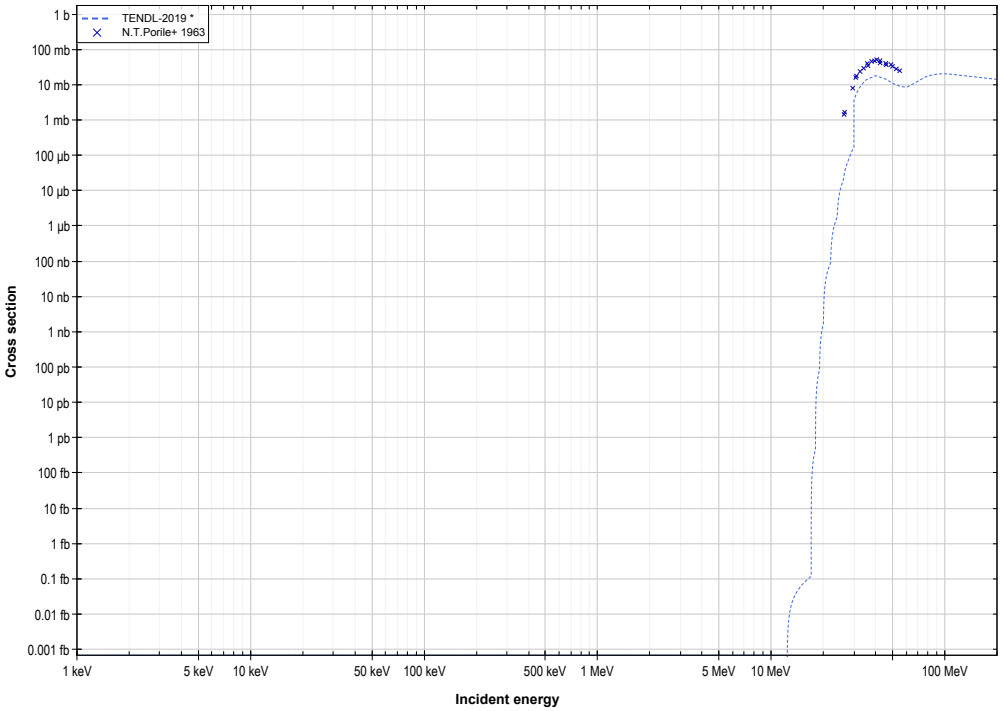
Ga69 (p,t) or Ga67 production lin-log



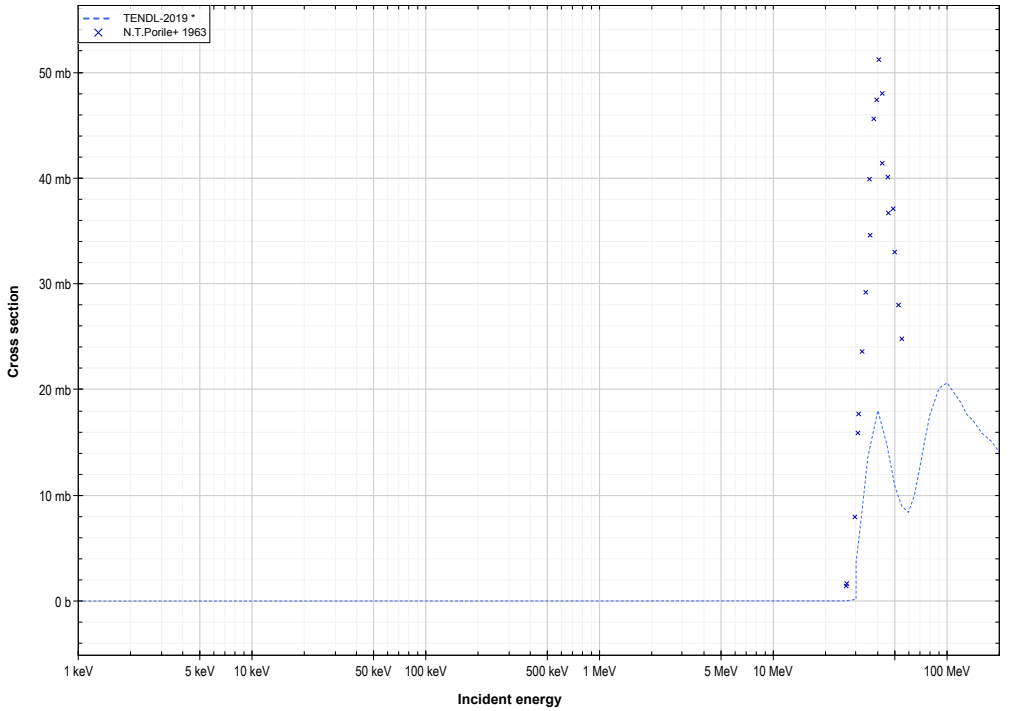
Reaction	Q-Value
Ga69(p,t)Ga67	-10109.64 keV
Ga69(p,n+d)Ga67	-16366.87 keV
Ga69(p,2n+p)Ga67	-18591.43 keV

<< 28-Ni-60	**31-Ga-69**	32-Ge-70 >>
<< MT105 (p,t)	**MT117 (p,d+α) or MT5 (Cu64 production)**	MT156 (p,4n+p) >>

Ga69 (p,d+α) or Cu64 production log-log



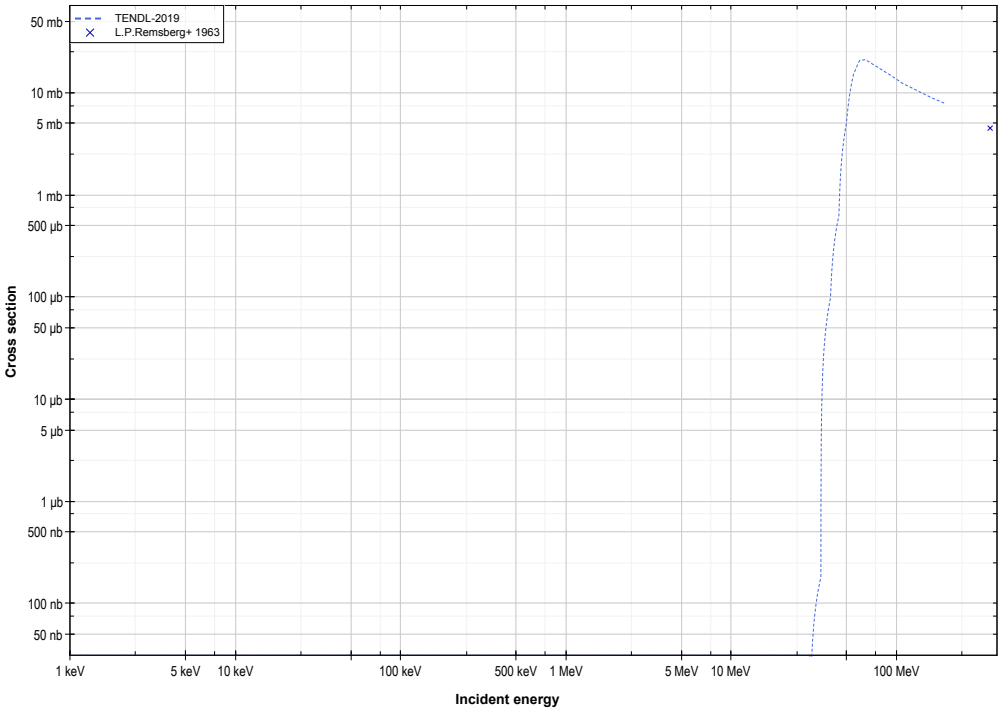
Ga69 (p,d+α) or Cu64 production lin-log



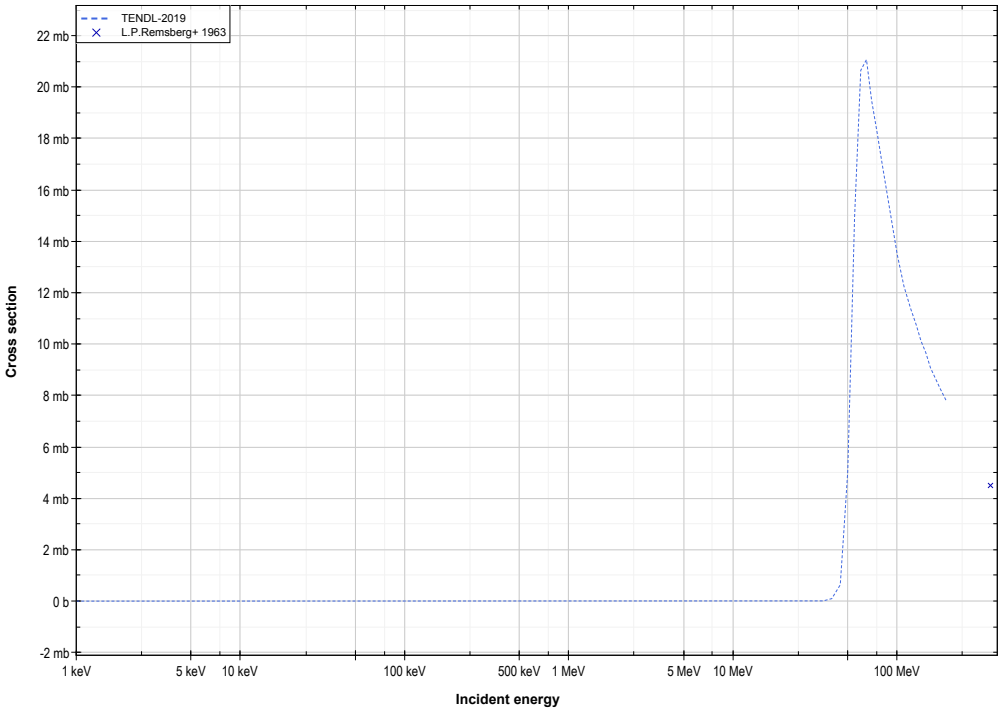
Reaction	Q-Value	Reaction	Q-Value
Ga69(p,d+α)Cu64	-12174.97 keV	Ga69(p,n+p+2d)Cu64	-38246.06 keV
Ga69(p,n+p+α)Cu64	-14399.53 keV	Ga69(p,2n+2p+d)Cu64	-40470.63 keV
Ga69(p,t+He3)Cu64	-26495.36 keV	Ga69(p,3n+3p)Cu64	-42695.19 keV
Ga69(p,p+d+t)Cu64	-31988.83 keV		
Ga69(p,n+d+He3)Cu64	-32752.59 keV		
Ga69(p,n+2p+t)Cu64	-34213.40 keV		
Ga69(p,2n+p+He3)Cu64	-34977.15 keV		
Ga69(p,3d)Cu64	-36021.49 keV		

<< 30-Zn-66	**31-Ga-69**	39-Y-89 >>
<< MT117 (p,d+α)	**MT156 (p,4n+p) or MT5 (Ga65 production)**	MT176 (p,2n+^{3}He) >>

Ga69 (p,4n+p) or Ga65 production log-log



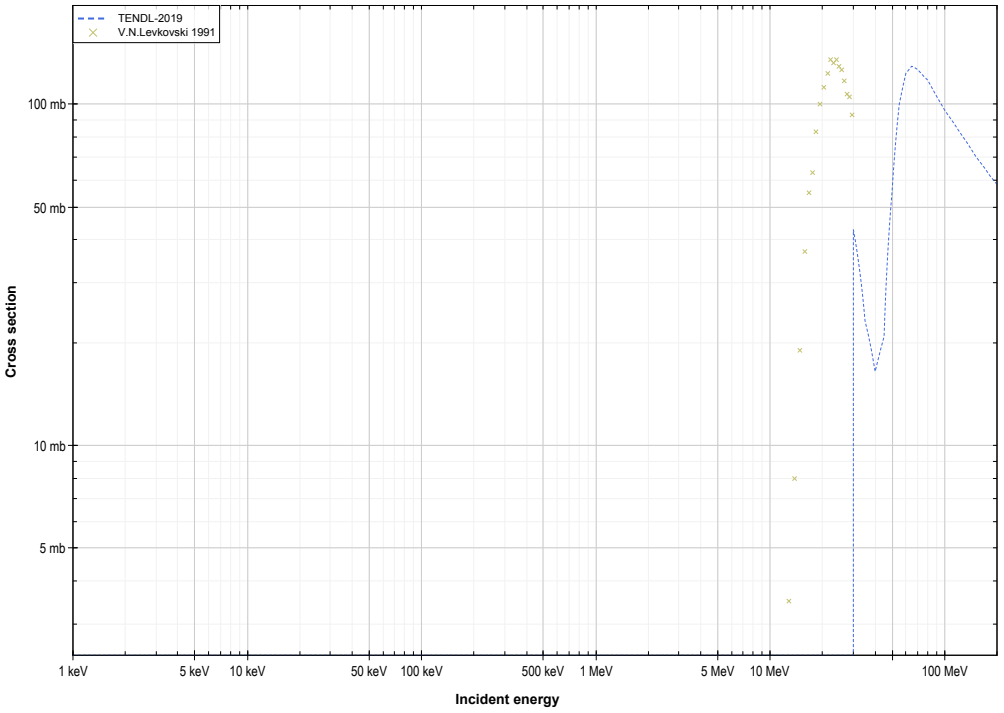
Ga69 (p,4n+p) or Ga65 production lin-log



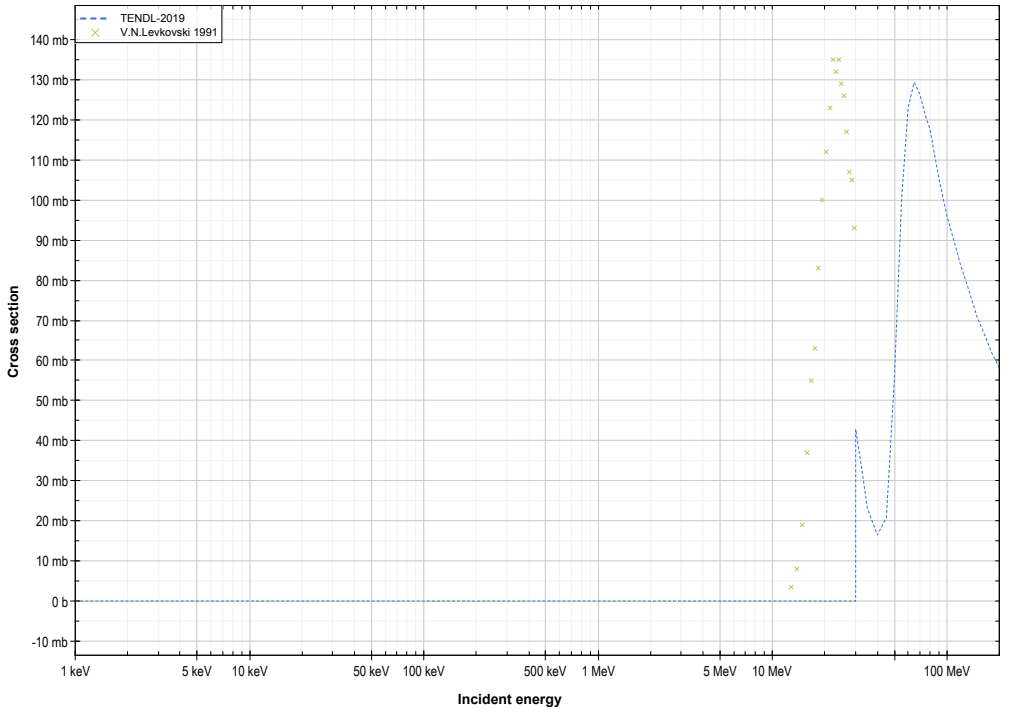
Reaction	Q-Value
Ga69(p,2n+t)Ga65	-30473.77 keV
Ga69(p,3n+d)Ga65	-36731.00 keV
Ga69(p,4n+p)Ga65	-38955.57 keV

<< 30-Zn-68	**31-Ga-69**	32-Ge-70 >>
<< MT156 (p,4n+p)	**MT176 (p,2n+³He) or MT5 (Zn65 production)**	MT179 (p,3n+2p) >>

Ga69 (p,2n+³He) or Zn65 production log-log



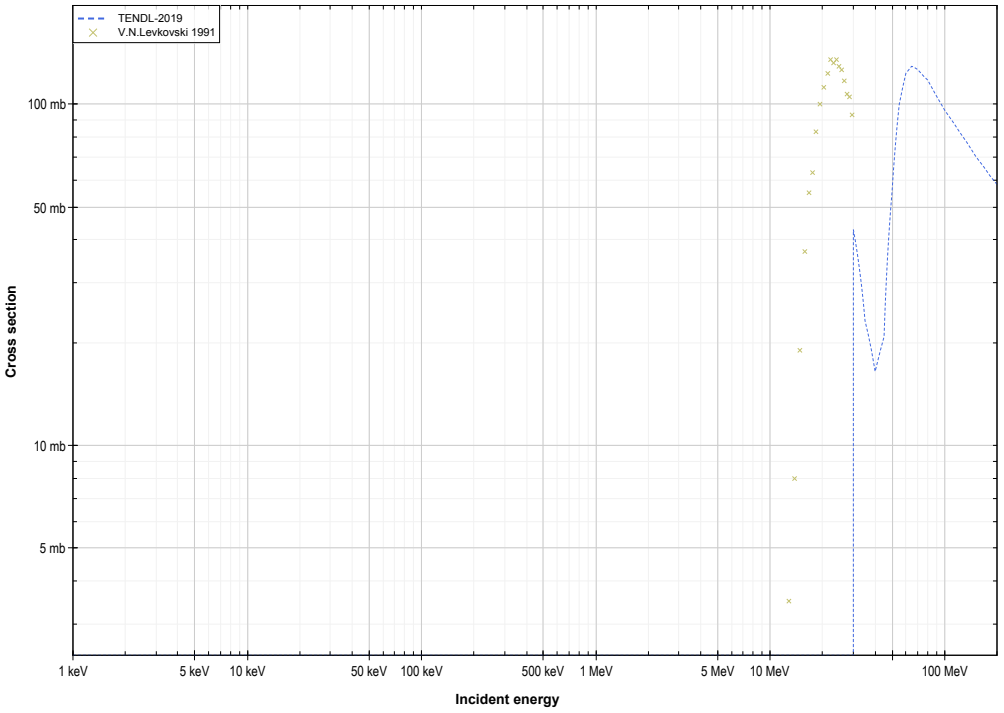
Ga69 (p,2n+³He) or Zn65 production lin-log



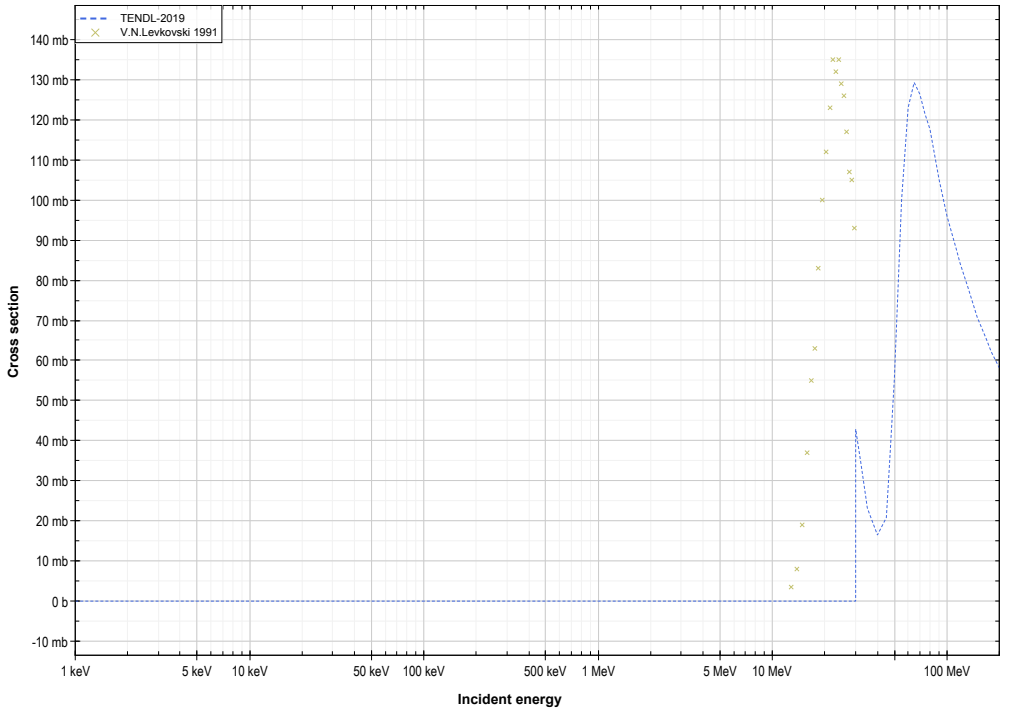
Reaction	Q-Value
Ga69(p,n+α)Zn65	-6623.06 keV
Ga69(p,d+t)Zn65	-24212.36 keV
Ga69(p,n+p+t)Zn65	-26436.93 keV
Ga69(p,2n+He3)Zn65	-27200.68 keV
Ga69(p,n+2d)Zn65	-30469.59 keV
Ga69(p,2n+p+d)Zn65	-32694.16 keV
Ga69(p,3n+2p)Zn65	-34918.72 keV

<< 30-Zn-68	**31-Ga-69**	32-Ge-70 >>
<< MT176 (p,2n+³He)	**MT179 (p,3n+2p) or MT5 (Zn65 production)**	MT182 (p,d+t) >>

Ga69 (p,3n+2p) or Zn65 production log-log



Ga69 (p,3n+2p) or Zn65 production lin-log



Reaction	Q-Value
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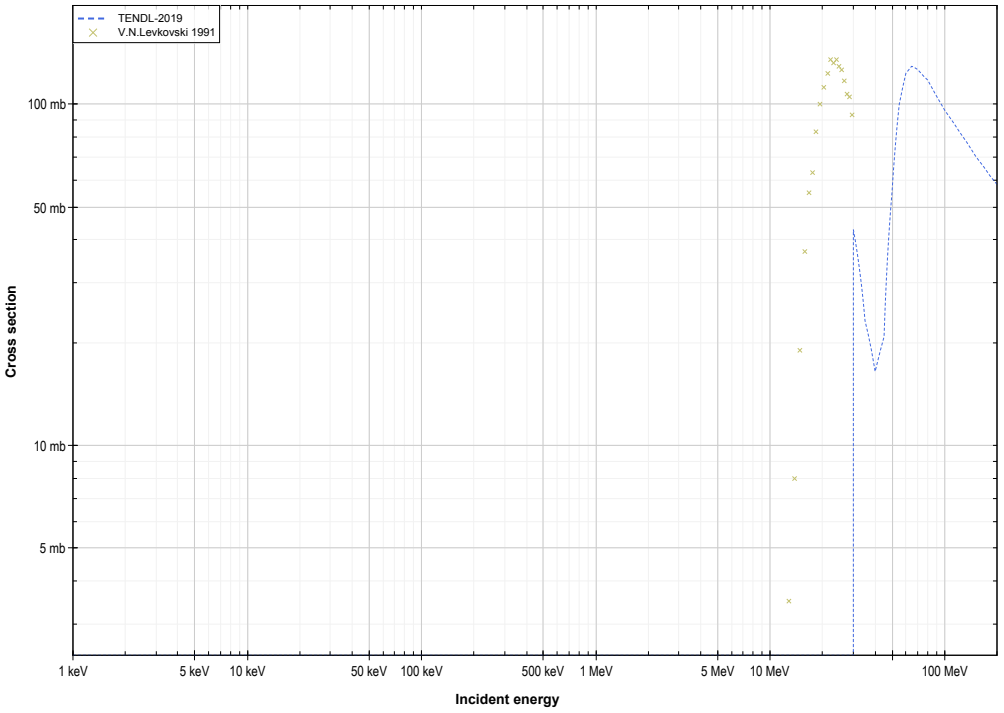
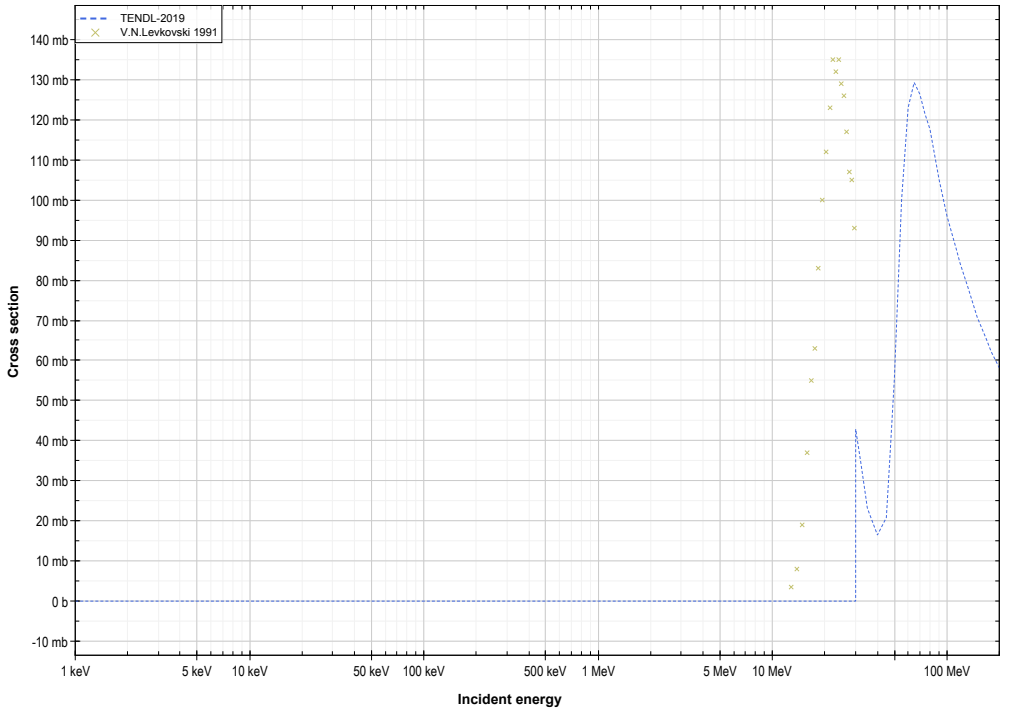
Ga69(p,2n+p+d)Zn65	-32694.16 keV
Ga69(p,3n+2p)Zn65	-34918.72 keV

<< 30-Zn-68	**31-Ga-69**	32-Ge-70 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Zn65 production)**	MT184 (p,n+p+t) >>

Ga69 (p,d+t) or Zn65 production log-log



Ga69 (p,d+t) or Zn65 production lin-log



Reaction	Q-Value
Ga69(p,n+α)Zn65	-6623.06 keV
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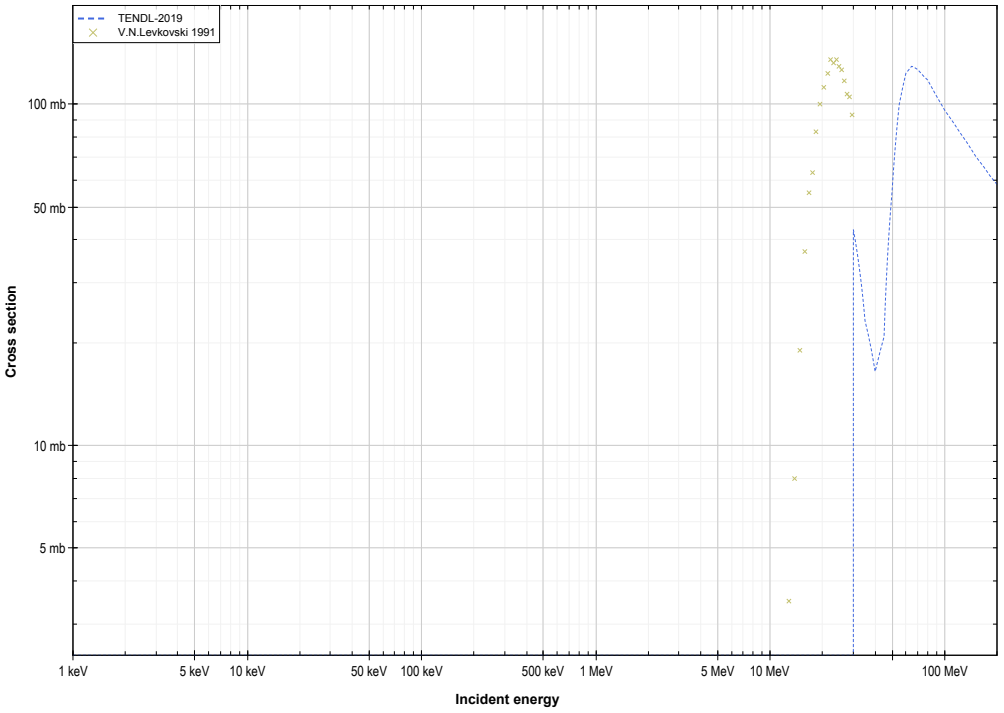
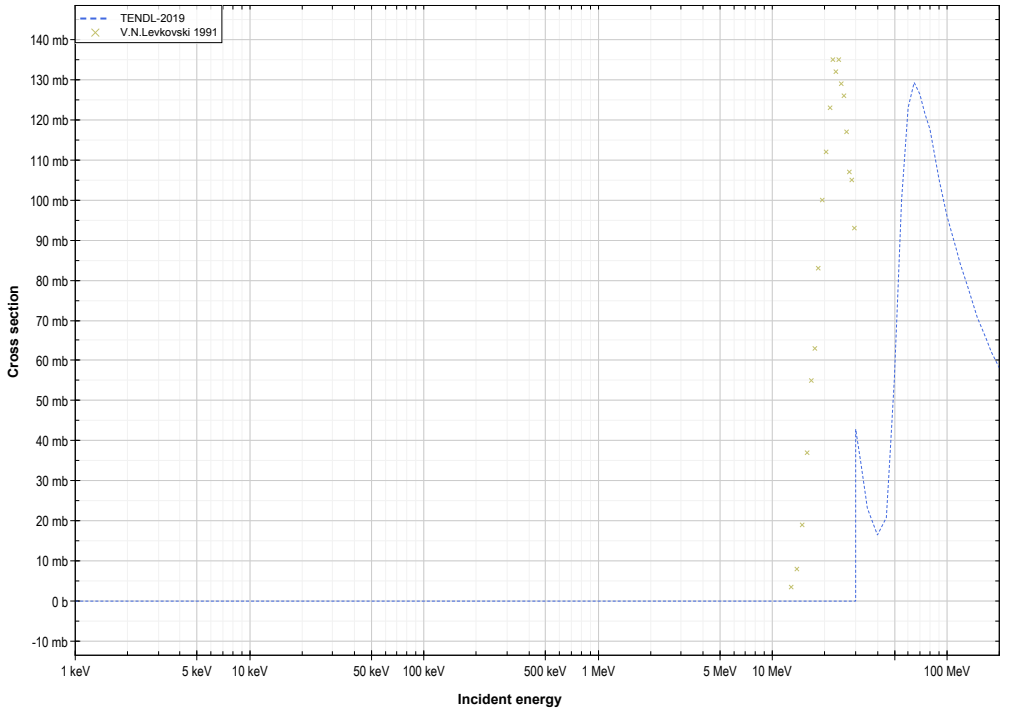
Ga69(p,n+2d)Zn65	-30469.59 keV
Ga69(p,2n+p+d)Zn65	-32694.16 keV
Ga69(p,3n+2p)Zn65	-34918.72 keV

<< 30-Zn-68	**31-Ga-69**	32-Ge-70 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Zn65 production)**	MT187 (p,n+d+³He) >>

Ga69 (p,n+p+t) or Zn65 production log-log



Ga69 (p,n+p+t) or Zn65 production lin-log



Reaction	Q-Value
Ga69(p,n+α)Zn65	-6623.06 keV
Ga69(p,d+t)Zn65	-24212.36 keV
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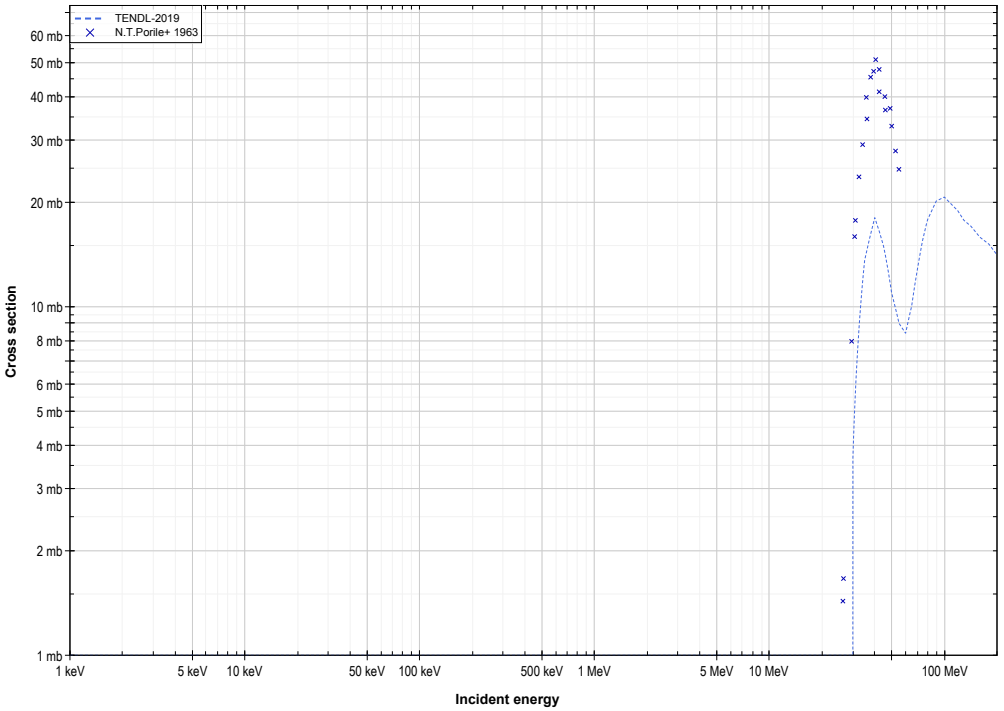
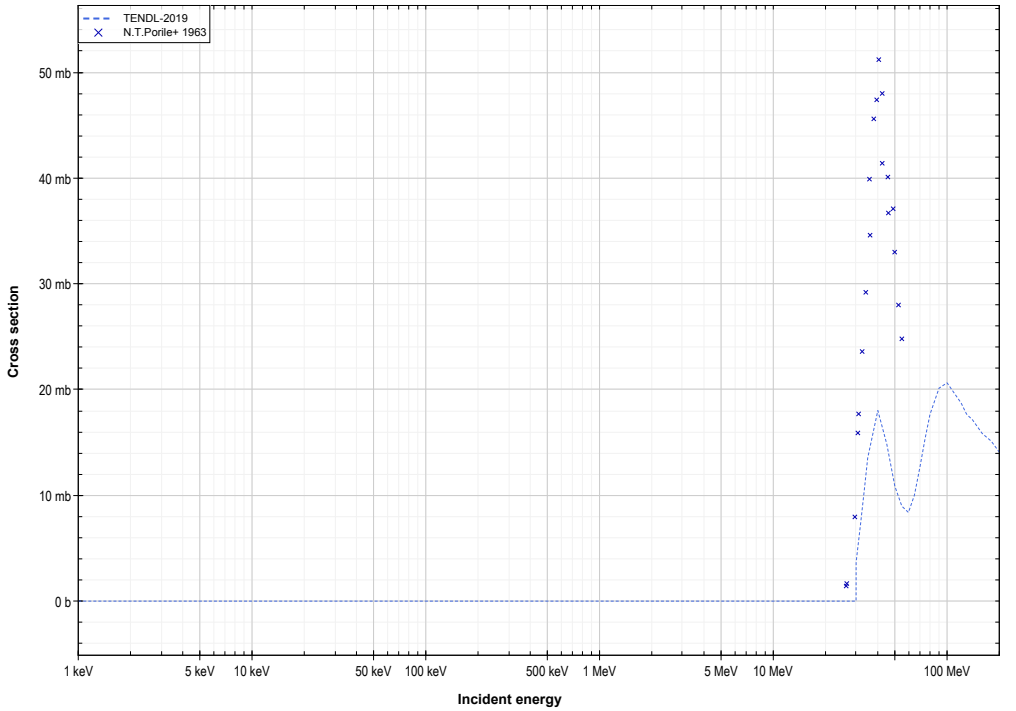
Ga69(p,2n+p+d)Zn65	-32694.16 keV
Ga69(p,3n+2p)Zn65	-34918.72 keV

<< 28-Ni-60	**31-Ga-69**	32-Ge-70 >>
<< MT184 (p,n+p+t)	**MT187 (p,n+d+³He) or MT5 (Cu64 production)**	MT197 (p,3p) >>

Ga69 (p,n+d+³He) or Cu64 production log-log



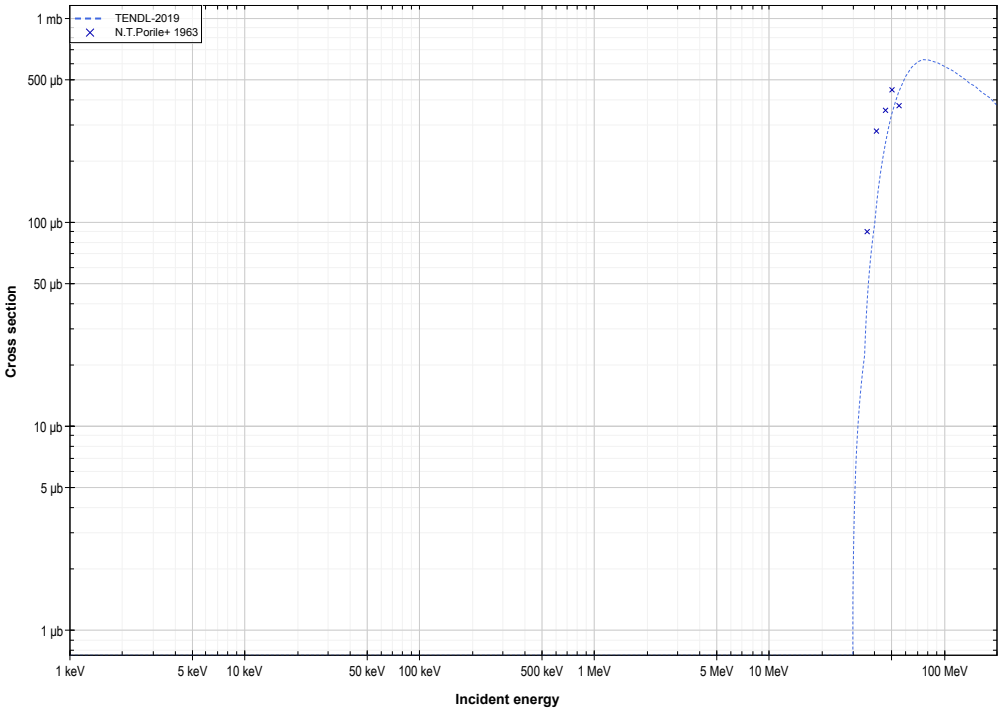
Ga69 (p,n+d+³He) or Cu64 production lin-log



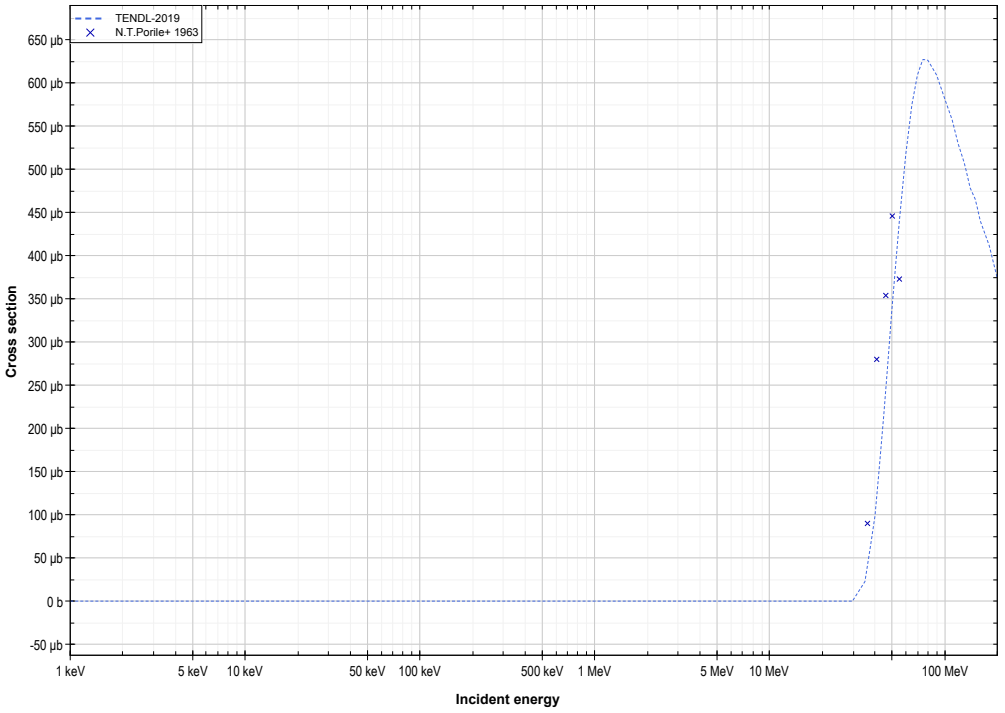
Reaction	Q-Value	Reaction	Q-Value
Ga69(p,d+α)Cu64	-12174.97 keV	Ga69(p,n+p+2d)Cu64	-38246.06 keV
Ga69(p,n+p+α)Cu64	-14399.53 keV	Ga69(p,2n+2p+d)Cu64	-40470.63 keV
Ga69(p,t+He3)Cu64	-26495.36 keV	Ga69(p,3n+3p)Cu64	-42695.19 keV
Ga69(p,p+d+t)Cu64	-31988.83 keV		
Ga69(p,n+d+He3)Cu64	-32752.59 keV		
Ga69(p,n+2p+t)Cu64	-34213.40 keV		
Ga69(p,2n+p+He3)Cu64	-34977.15 keV		
Ga69(p,3d)Cu64	-36021.49 keV		

<< 23-V-51	**31-Ga-69**	33-As-75 >>
<< MT187 (p,n+d+^{3}He)	**MT197 (p,3p) or MT5 (Cu67 production)**	31-Ga-71 MT4 (p,n) >>

Ga69 (p,3p) or Cu67 production log-log



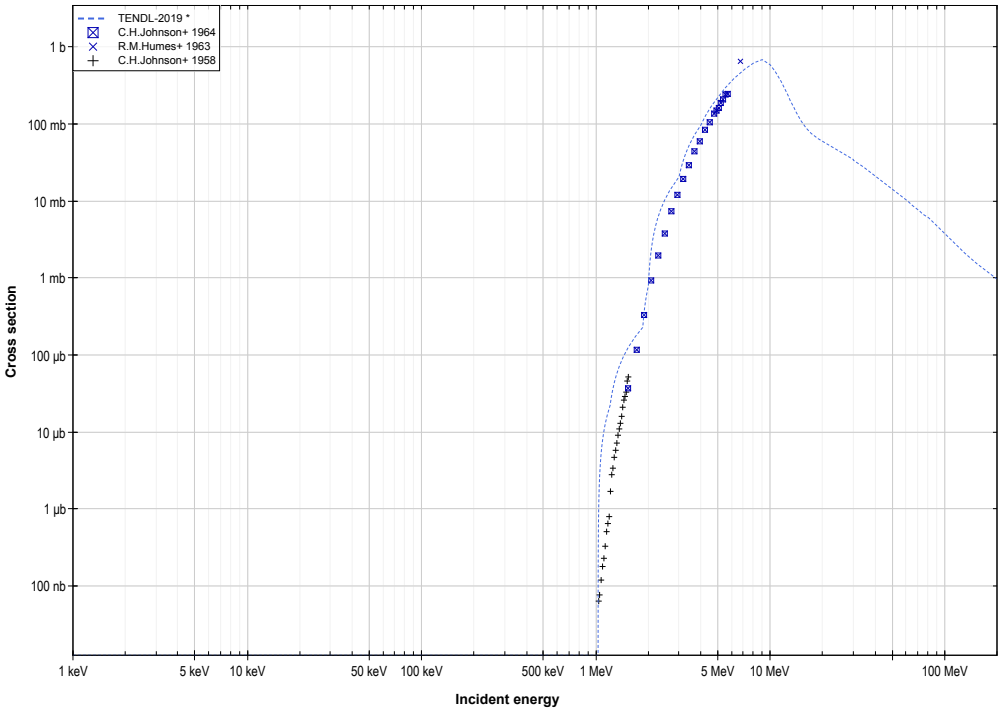
Ga69 (p,3p) or Cu67 production lin-log



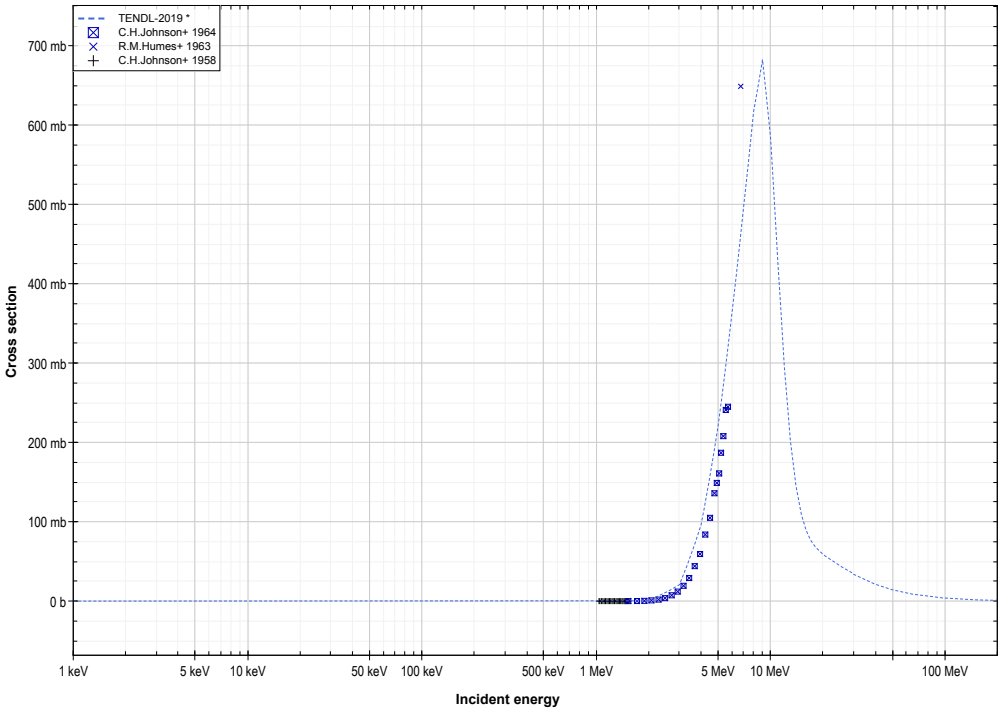
Reaction	Q-Value
Ga69(p,3p)Cu67	-16586.24 keV

<< 31-Ga-69	**31-Ga-71**	32-Ge-70 >>
<< 31-Ga-69 MT197 (p,3p)	**MT4 (p,n) or MT5 (Ge71 production)**	MT17 (p,3n) >>

Ga71 (p,n) or Ge71 production log-log



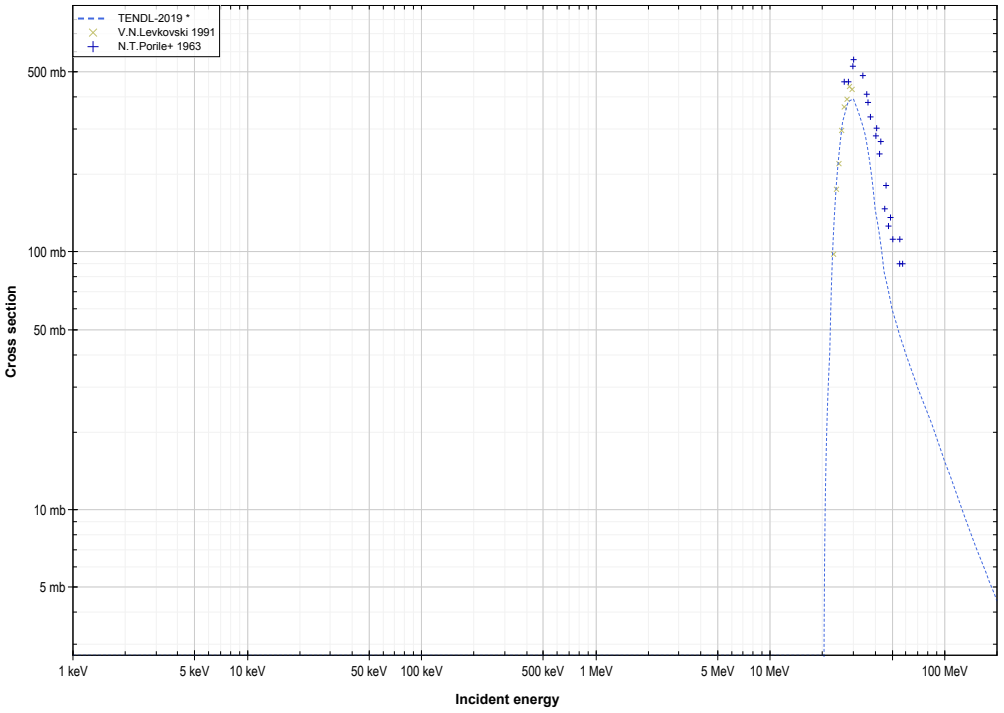
Ga71 (p,n) or Ge71 production lin-log



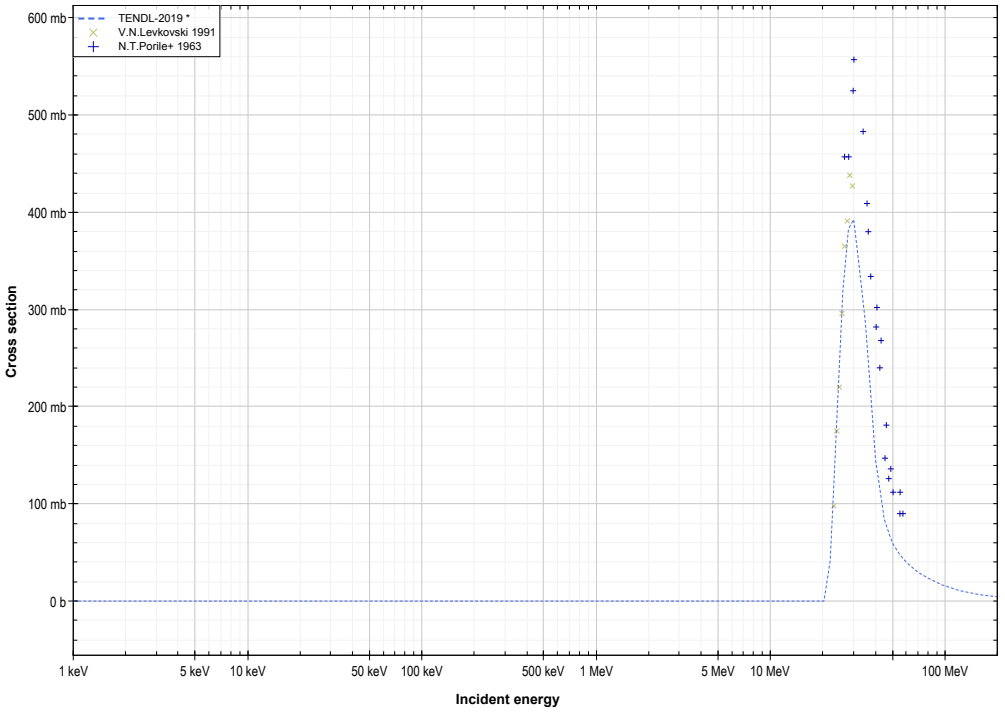
Reaction	Q-Value
Ga71(p,n)Ge71	-1014.95 keV

<< 31-Ga-69	**31-Ga-71**	32-Ge-72 >>
<< MT4 (p,n)	**MT17 (p,3n) or MT5 (Ge69 production)**	MT28 (p,n+p) >>

Ga71 (p,3n) or Ge69 production log-log



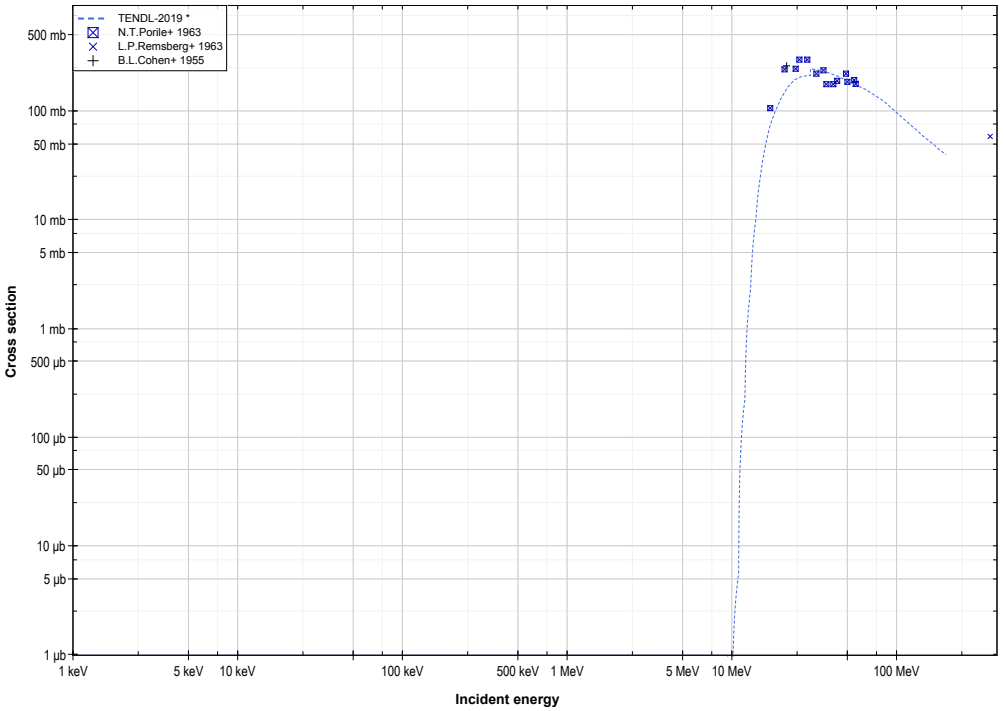
Ga71 (p,3n) or Ge69 production lin-log



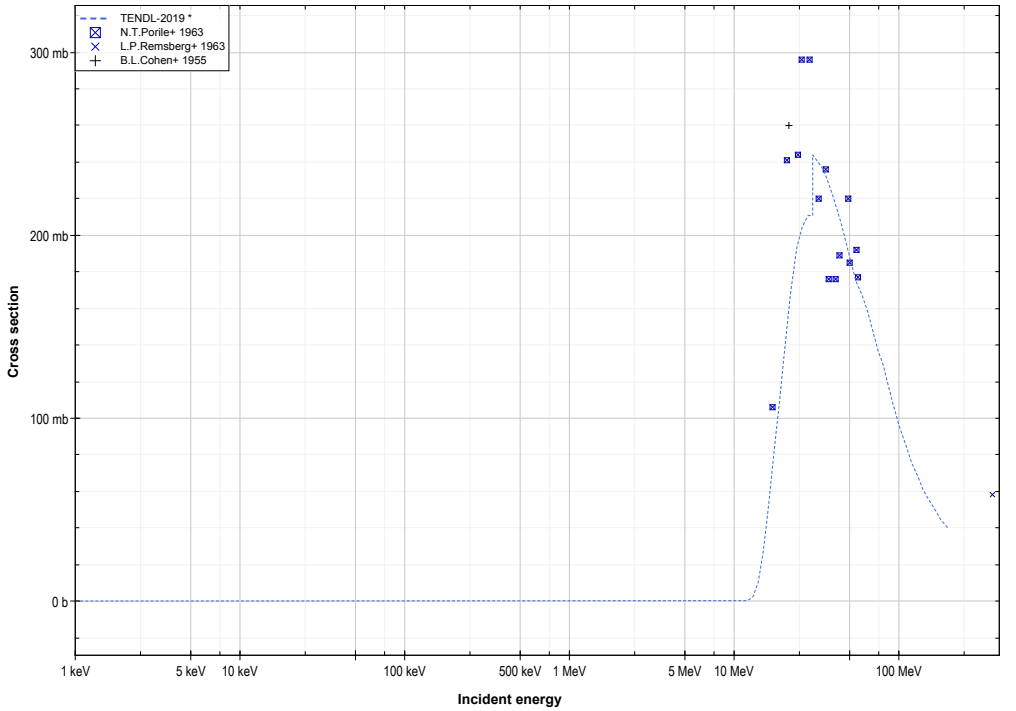
Reaction	Q-Value
Ga71(p,3n)Ge69	-19963.38 keV

<< 31-Ga-69	**31-Ga-71**	32-Ge-70 >>
<< MT17 (p,3n)	**MT28 (p,n+p) or MT5 (Ga70 production)**	MT37 (p,4n) >>

Ga71 (p,n+p) or Ga70 production log-log



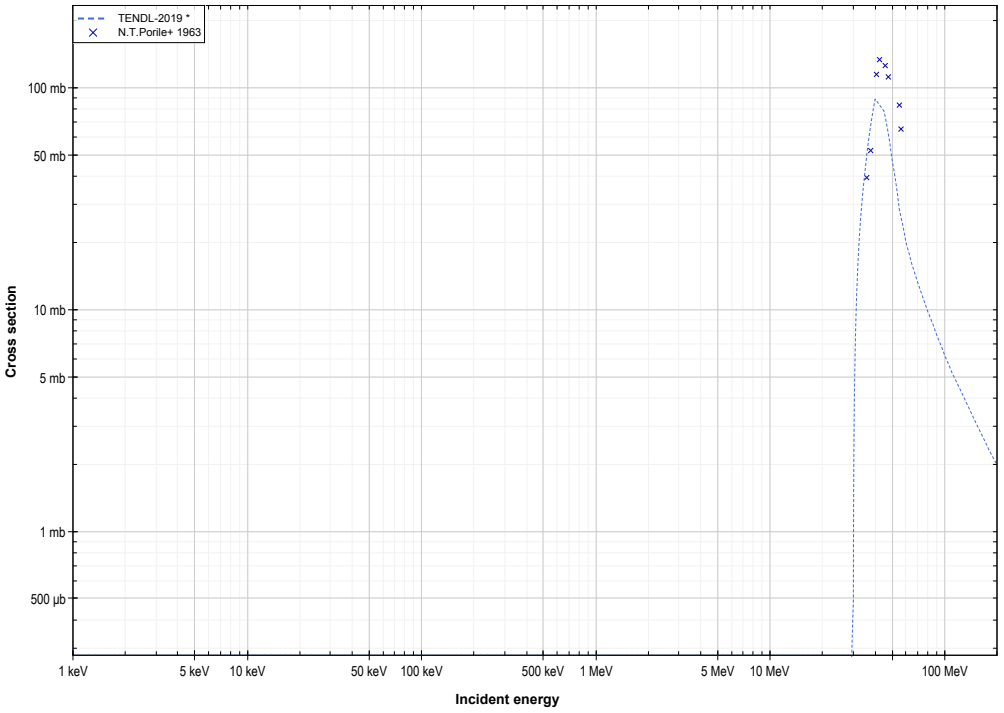
Ga71 (p,n+p) or Ga70 production lin-log



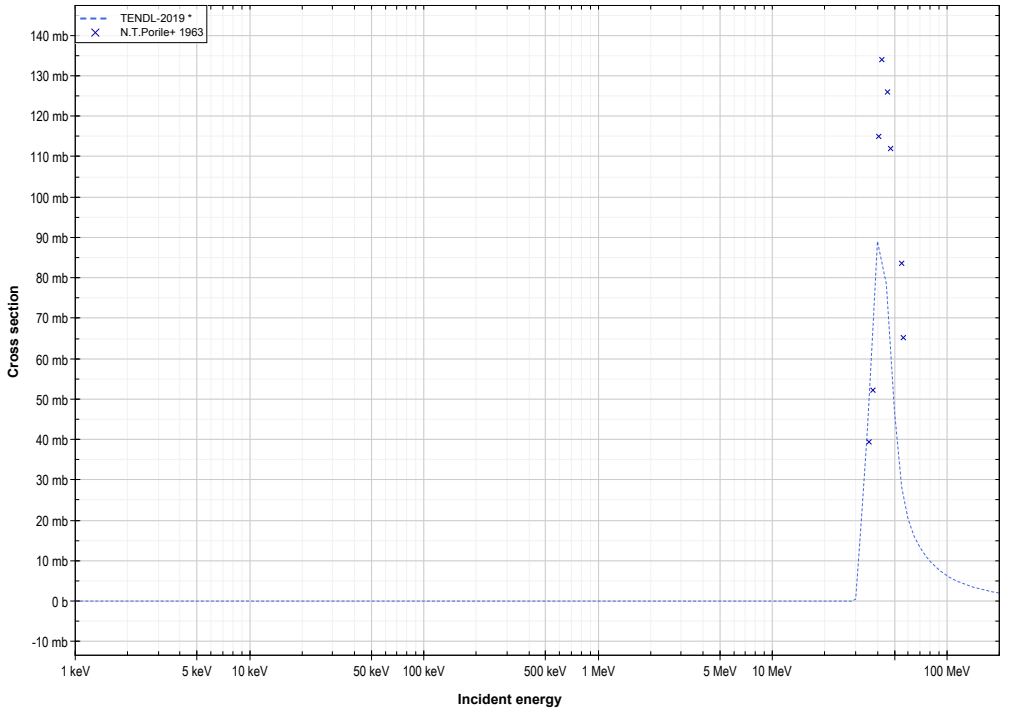
Reaction	Q-Value
Ga71(p,d)Ga70	-7075.75 keV
Ga71(p,n+p)Ga70	-9300.32 keV

<< 31-Ga-69	**31-Ga-71**	33-As-75 >>
<< MT28 (p,n+p)	**MT37 (p,4n) or MT5 (Ge68 production)**	MT42 (p,3n+p) >>

Ga71 (p,4n) or Ge68 production log-log



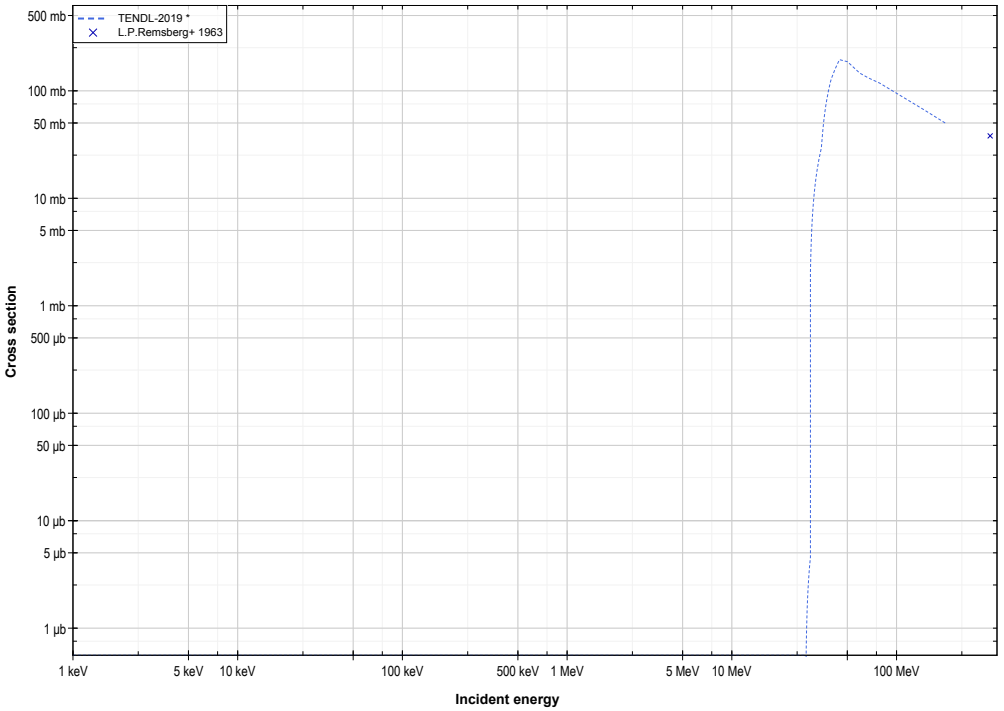
Ga71 (p,4n) or Ge68 production lin-log



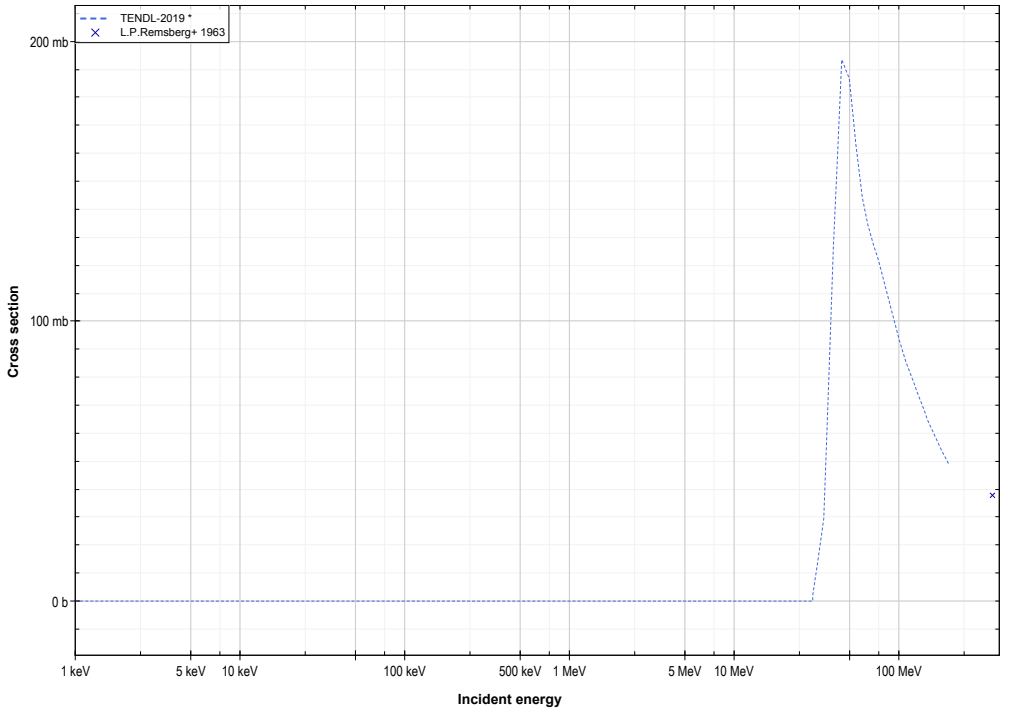
Reaction	Q-Value
Ga71(p,4n)Ge68	-28156.60 keV

<< 31-Ga-69	**31-Ga-71**	33-As-75 >>
<< MT37 (p,4n)	**MT42 (p,3n+p) or MT5 (Ga68 production)**	MT44 (p,n+2p) >>

Ga71 (p,3n+p) or Ga68 production log-log



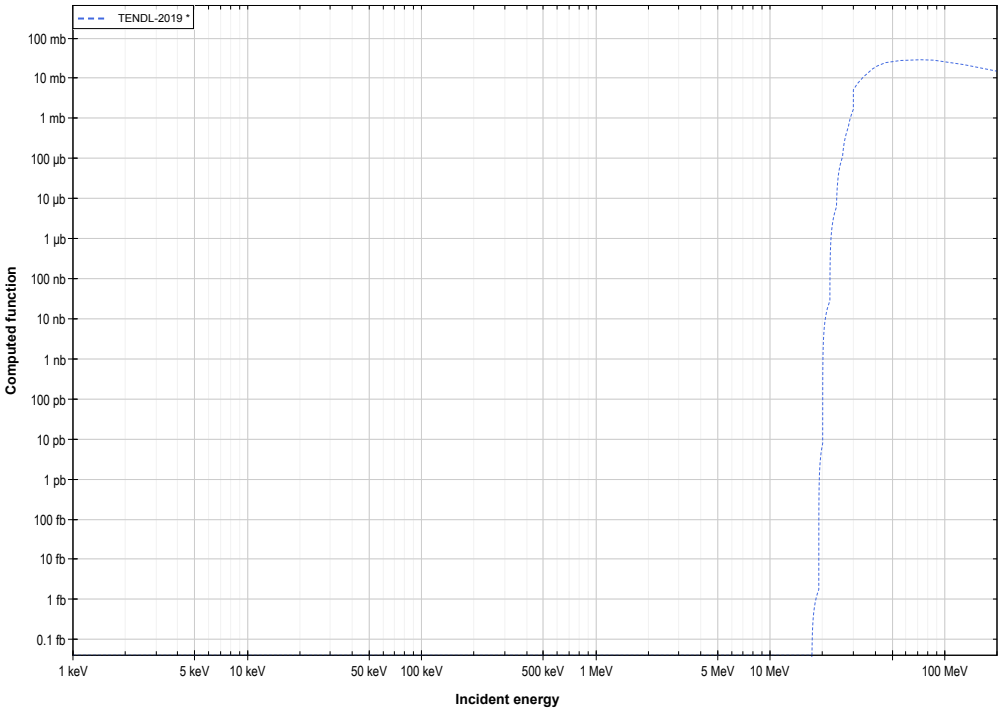
Ga71 (p,3n+p) or Ga68 production lin-log



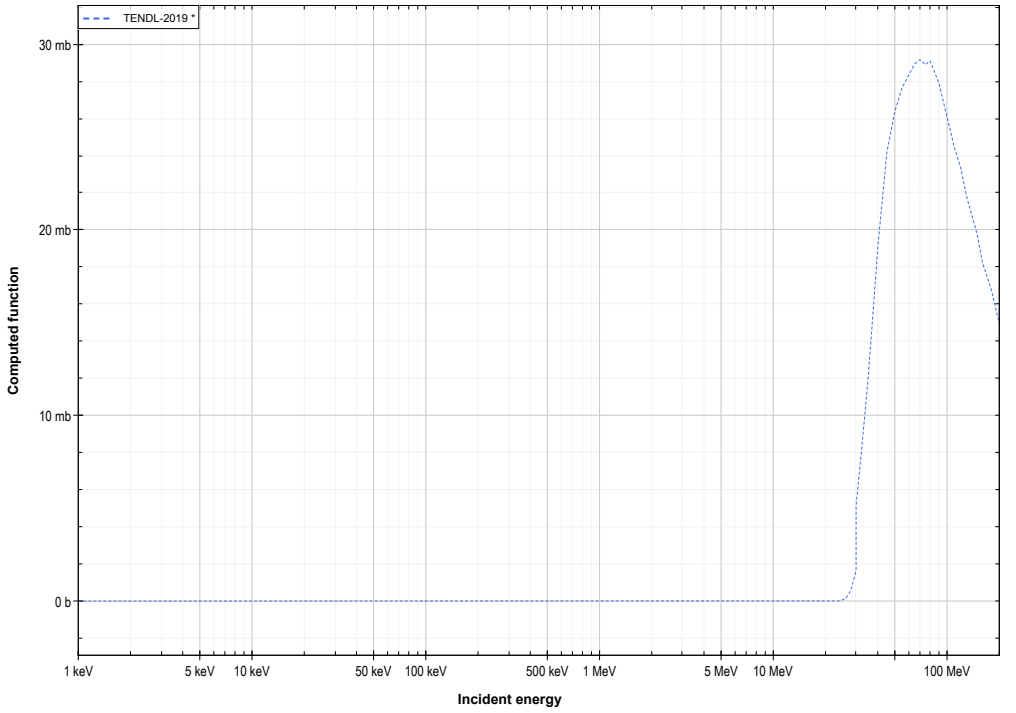
Reaction	Q-Value
Ga71(p,n+t)Ga68	-18785.26 keV
Ga71(p,2n+d)Ga68	-25042.49 keV
Ga71(p,3n+p)Ga68	-27267.05 keV

<< 30-Zn-66	**31-Ga-71**	34-Se-74 >>
<< MT42 (p,3n+p)	**MT44 (p,n+2p) or MT5 (Zn69 production)**	MT104 (p,d) >>

Ga71 (p,n+2p) or Zn69 production log-log



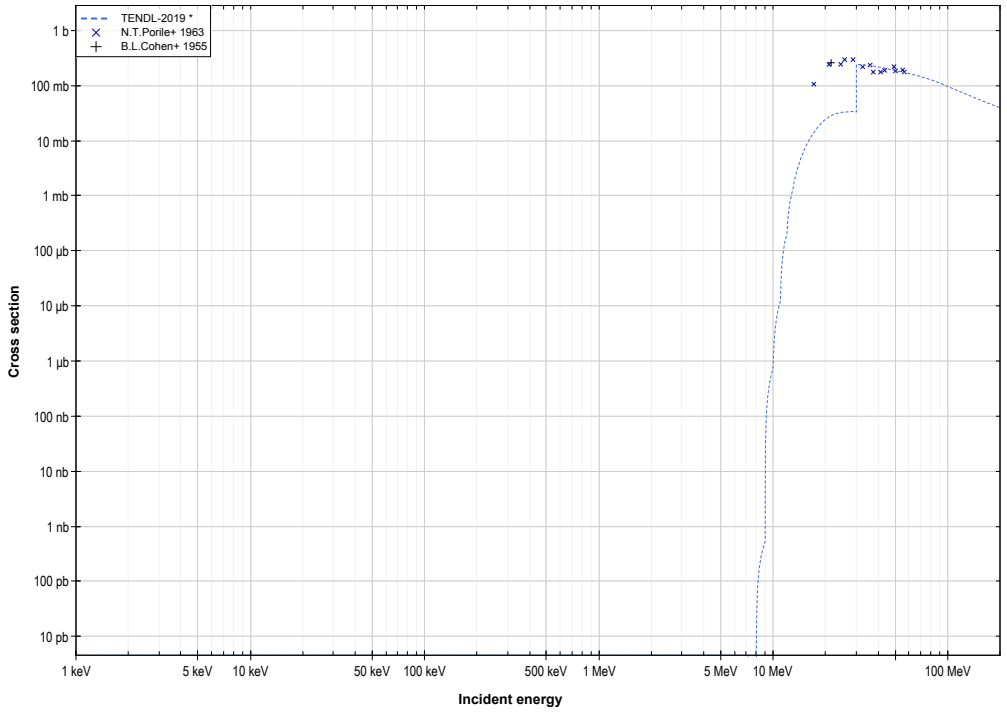
Ga71 (p,n+2p) or Zn69 production lin-log



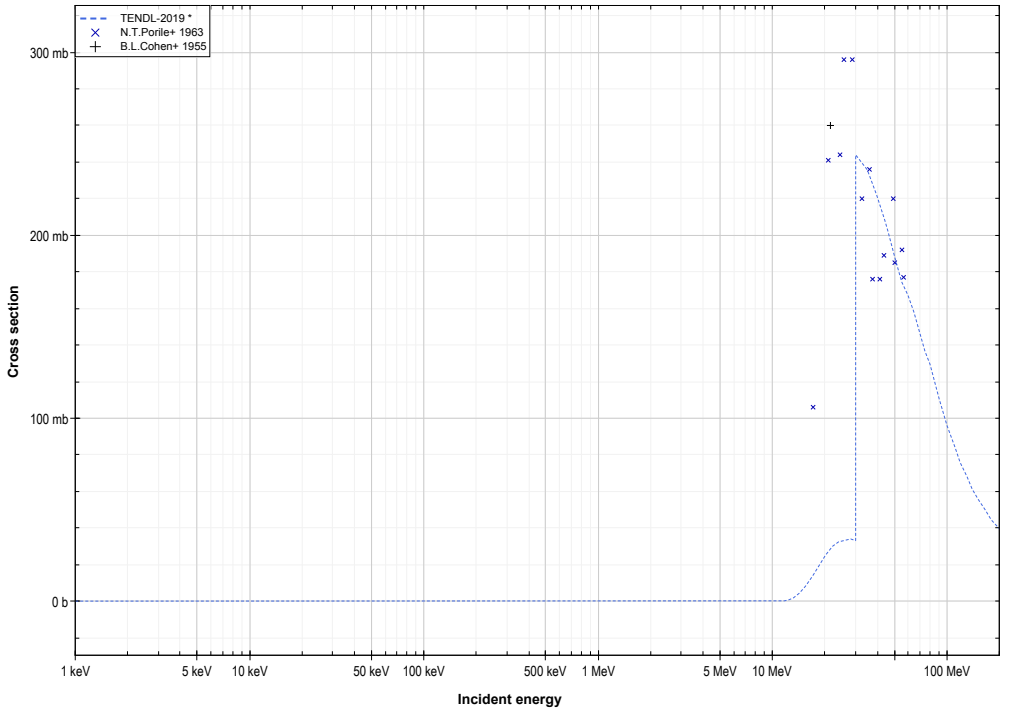
Reaction	Q-Value
Ga71(p,He3)Zn69	-9363.55 keV
Ga71(p,p+d)Zn69	-14857.02 keV
Ga71(p,n+2p)Zn69	-17081.59 keV

<< 31-Ga-69	**31-Ga-71**	32-Ge-76 >>
<< MT44 (p,n+2p)	**MT104 (p,d) or MT5 (Ga70 production)**	MT106 (p,³He) >>

Ga71 (p,d) or Ga70 production log-log



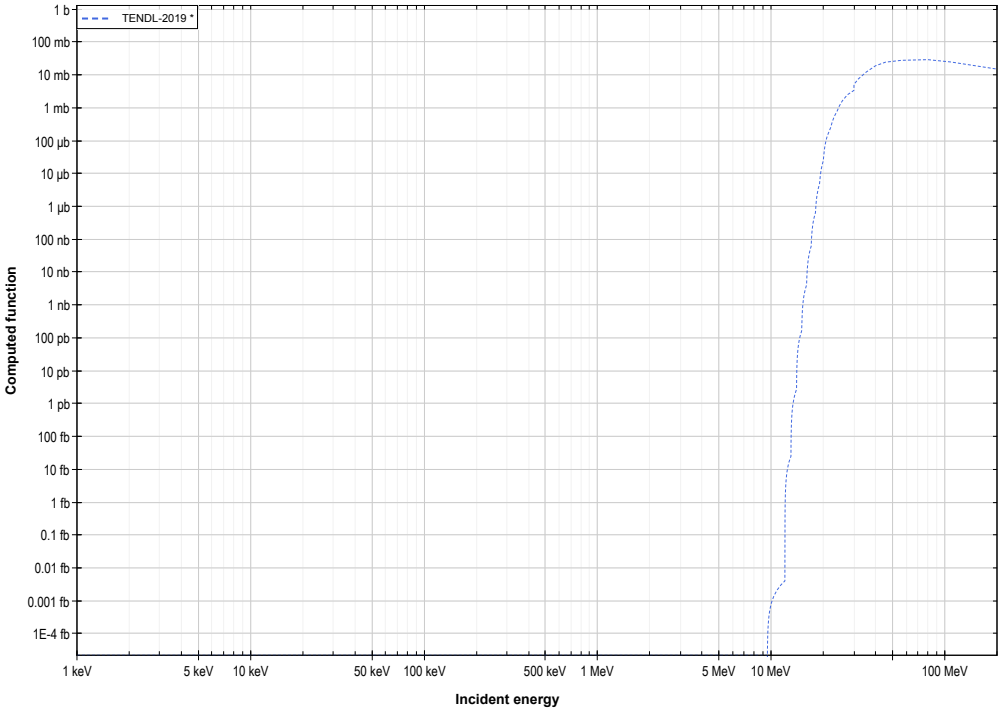
Ga71 (p,d) or Ga70 production lin-log



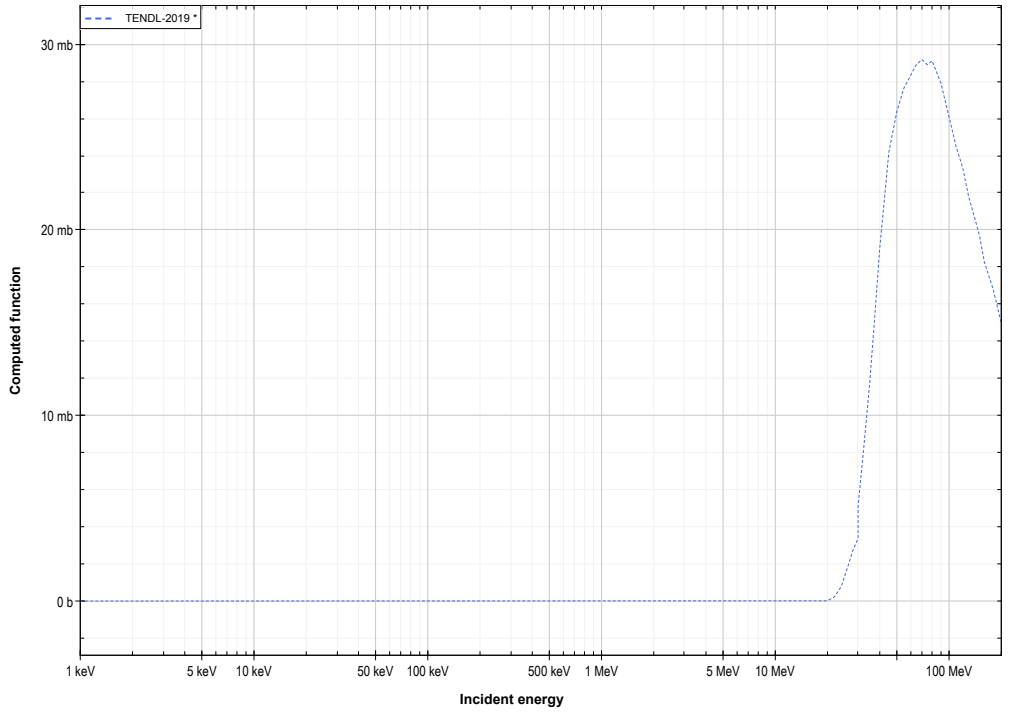
Reaction	Q-Value
Ga71(p,d)Ga70	-7075.75 keV
Ga71(p,n+p)Ga70	-9300.32 keV

<< 30-Zn-66	**31-Ga-71**	34-Se-74 >>
<< MT104 (p,d)	**MT106 (p,³He) or MT5 (Zn69 production)**	MT115 (p,p+d) >>

Ga71 (p,³He) or Zn69 production log-log



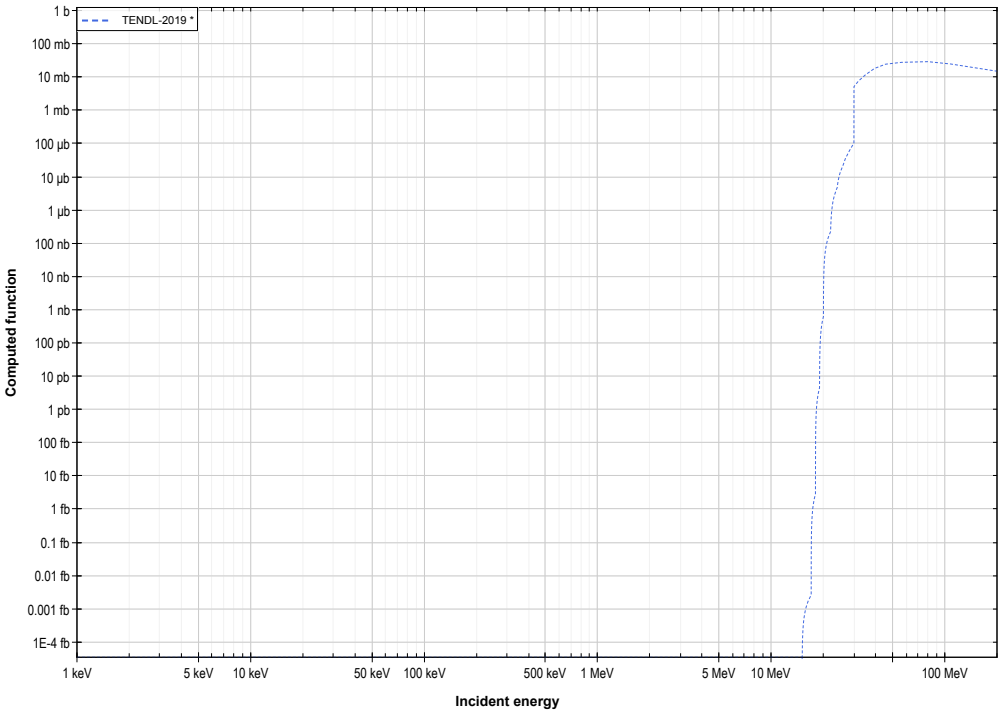
Ga71 (p,³He) or Zn69 production lin-log



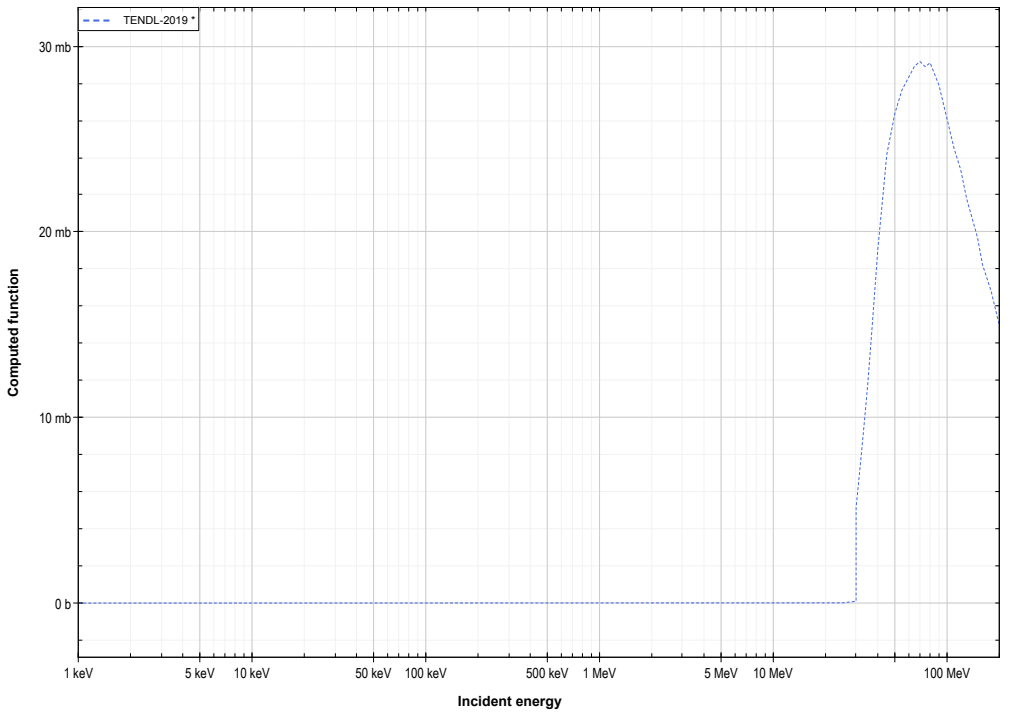
Reaction	Q-Value
Ga71(p,He3)Zn69	-9363.55 keV
Ga71(p,p+d)Zn69	-14857.02 keV
Ga71(p,n+2p)Zn69	-17081.59 keV

<< 30-Zn-66	**31-Ga-71**	34-Se-74 >>
<< MT106 (p,³He)	**MT115 (p,p+d) or MT5 (Zn69 production)**	MT152 (p,5n) >>

Ga71 (p,p+d) or Zn69 production log-log



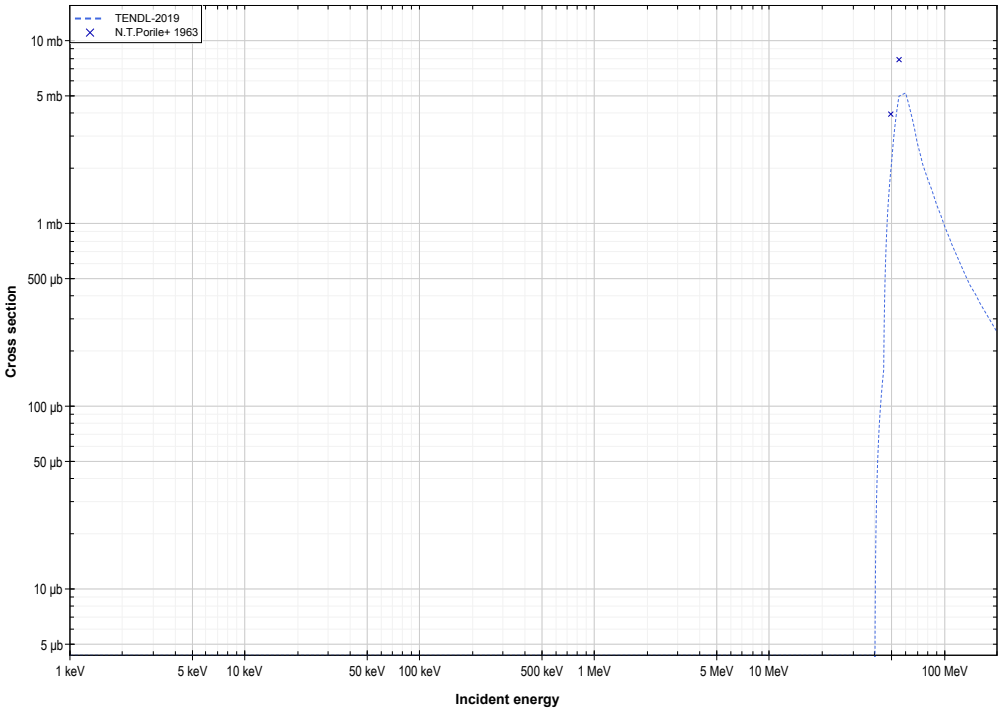
Ga71 (p,p+d) or Zn69 production lin-log



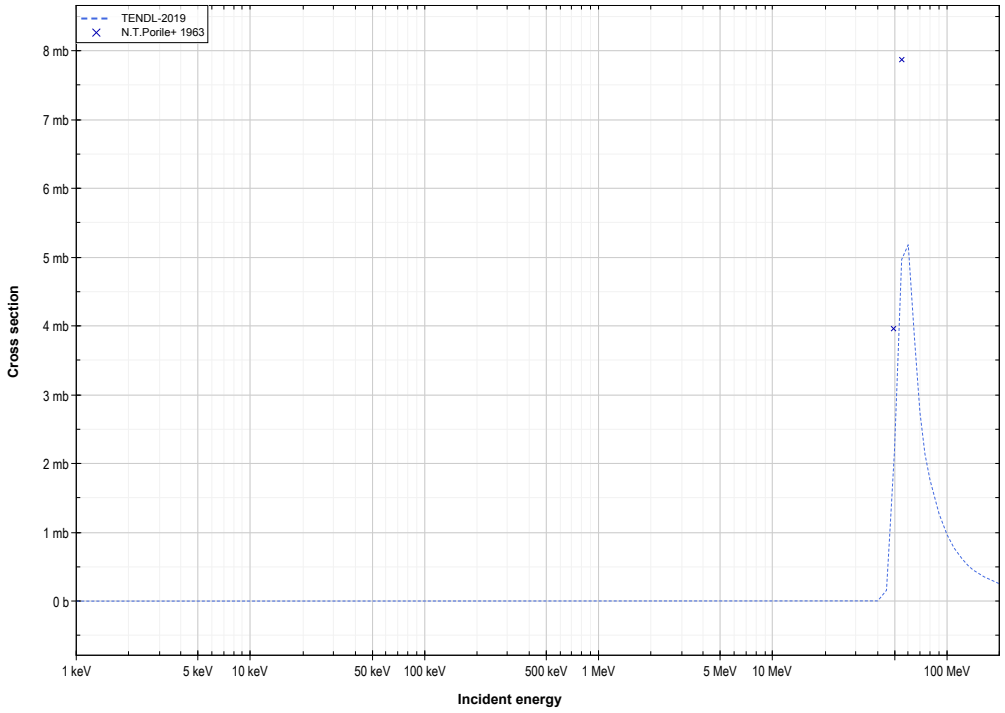
Reaction	Q-Value
Ga71(p,He3)Zn69	-9363.55 keV
Ga71(p,p+d)Zn69	-14857.02 keV
Ga71(p,n+2p)Zn69	-17081.59 keV

	31-Ga-71	34-Se-80 >>
<< MT115 (p,p+d)	**MT152 (p,5n) or MT5 (Ge67 production)**	MT153 (p,6n) >>

Ga71 (p,5n) or Ge67 production log-log



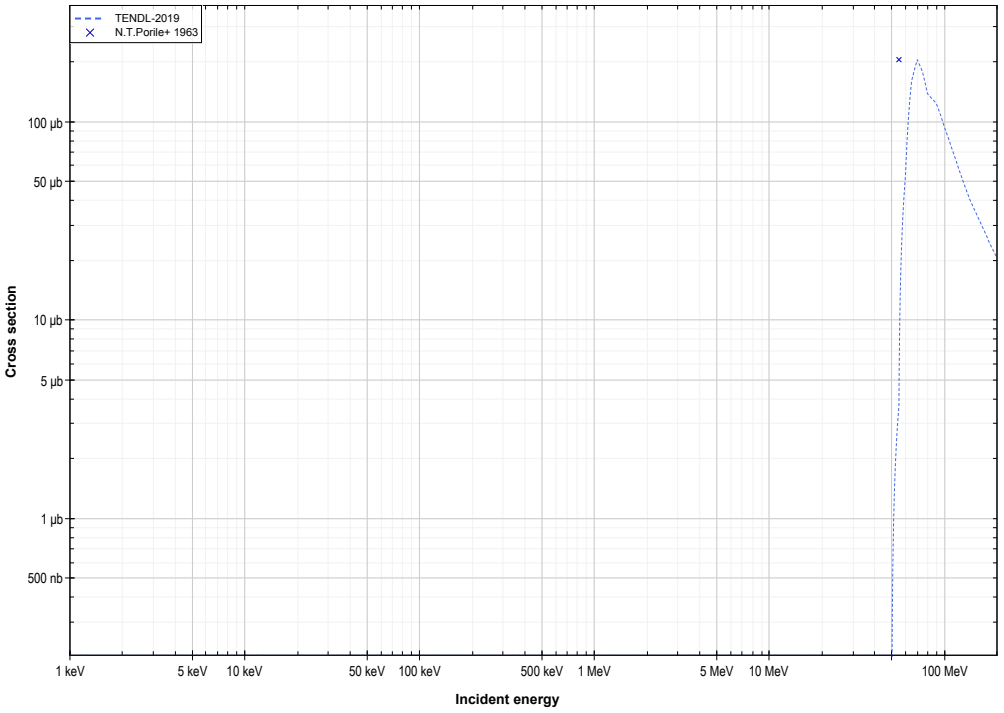
Ga71 (p,5n) or Ge67 production lin-log



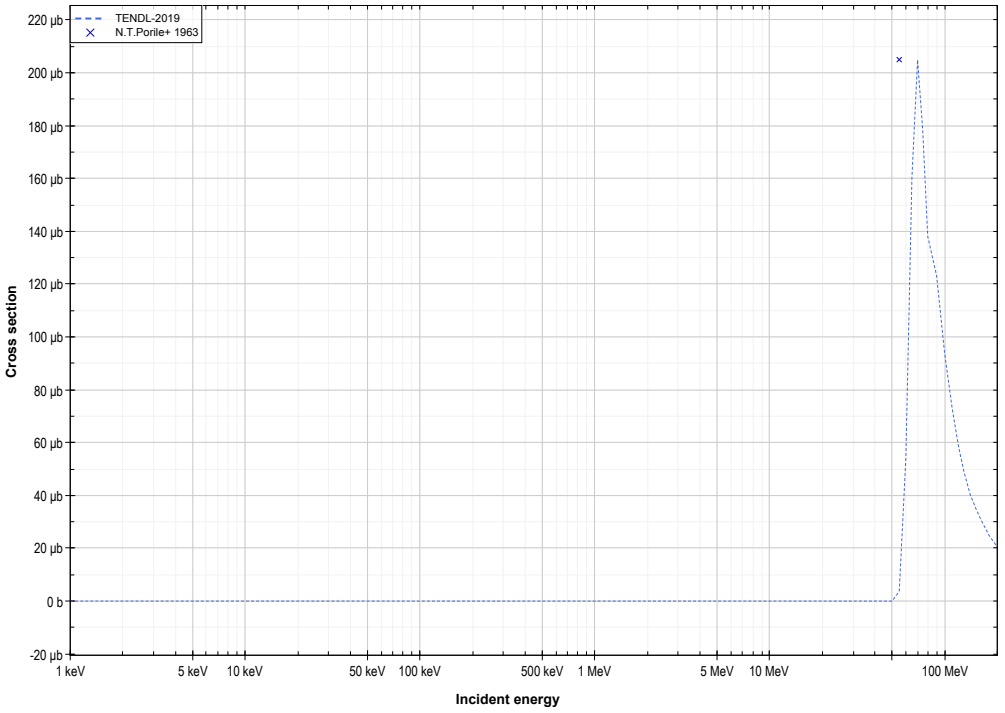
Reaction	Q-Value
Ga71(p,5n)Ge67	-40548.71 keV

	31-Ga-71	35-Br-81 >>
<< MT152 (p,5n)	**MT153 (p,6n) or MT5 (Ge66 production)**	MT162 (p,5n+p) >>

Ga71 (p,6n) or Ge66 production log-log



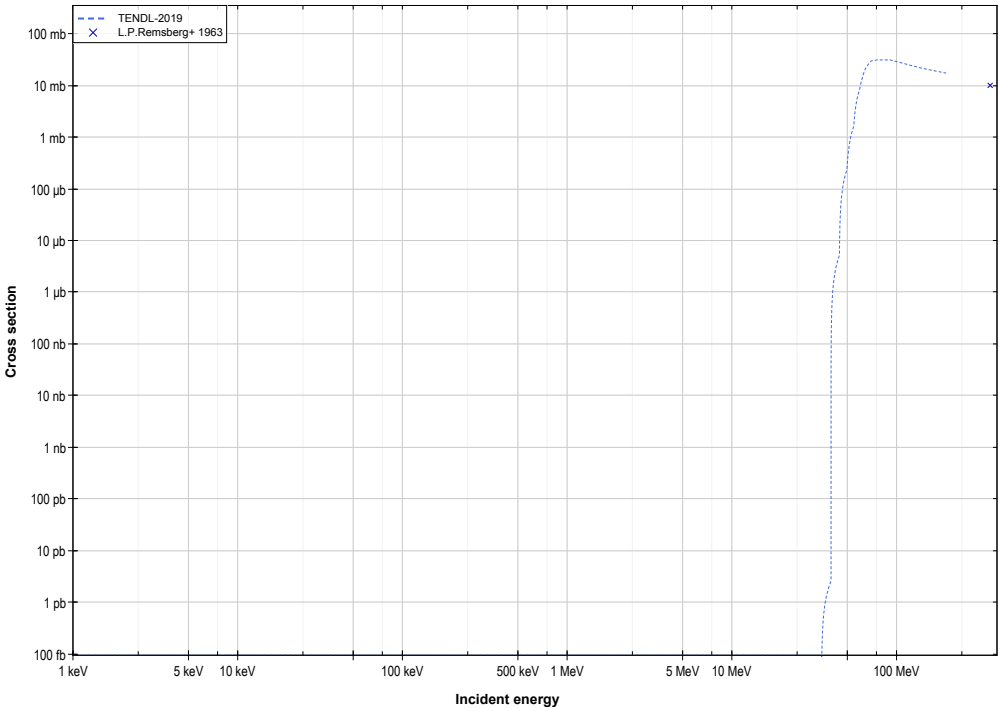
Ga71 (p,6n) or Ge66 production lin-log



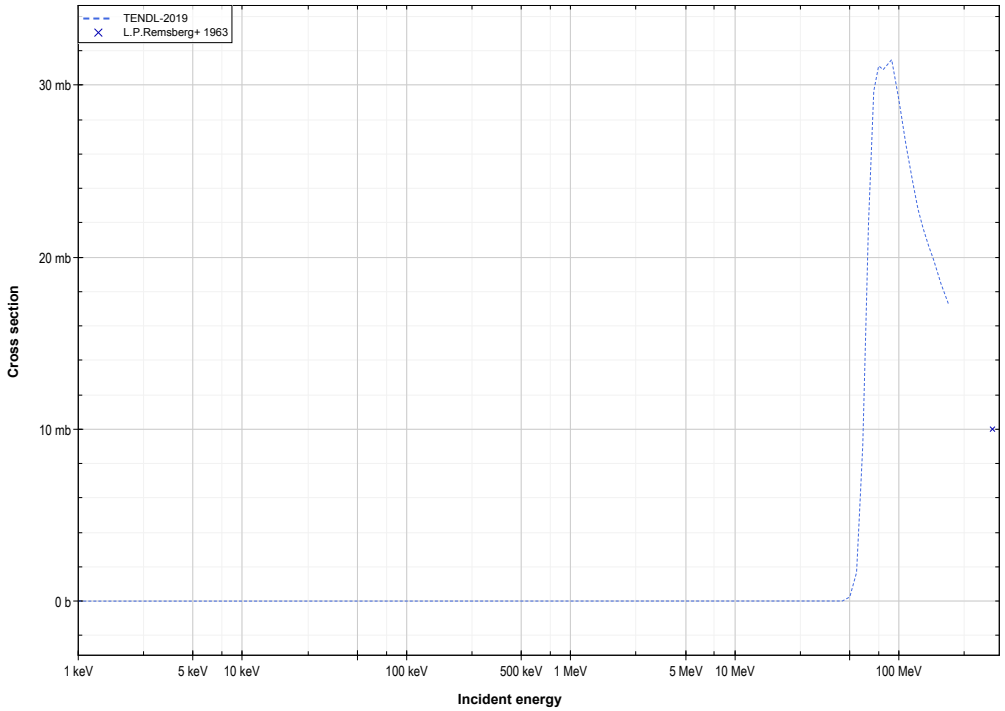
Reaction	Q-Value
Ga71(p,6n)Ge66	-49671.03 keV

	31-Ga-71	50-Sn-118 >>
<< MT153 (p,6n)	**MT162 (p,5n+p) or MT5 (Ga66 production)**	MT181 (p,3n+p+α) >>

Ga71 (p,5n+p) or Ga66 production log-log



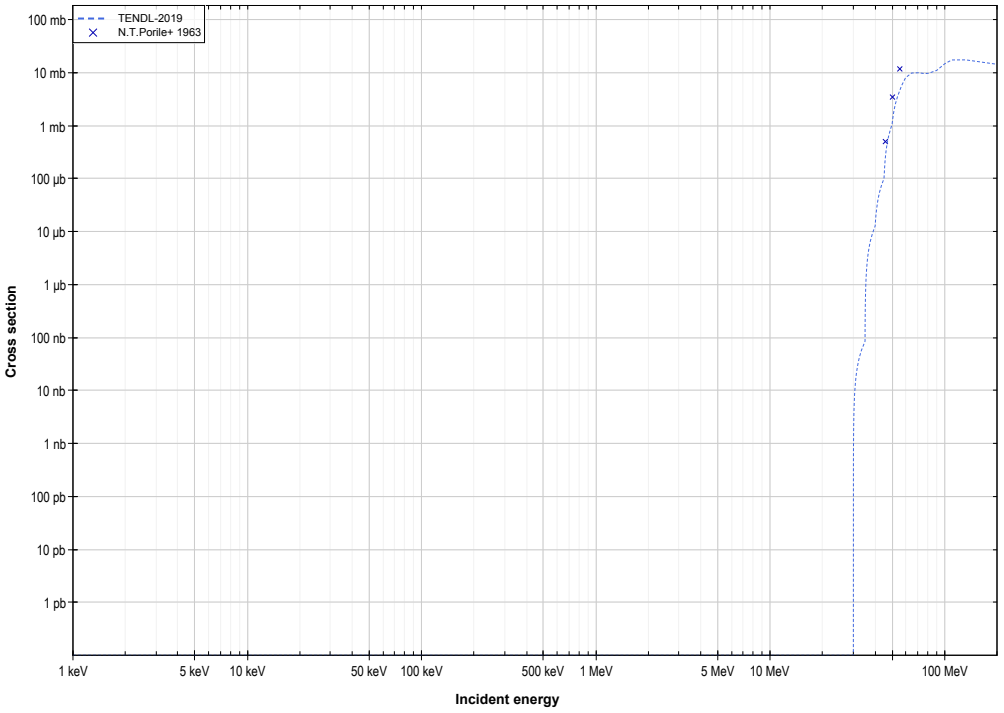
Ga71 (p,5n+p) or Ga66 production lin-log



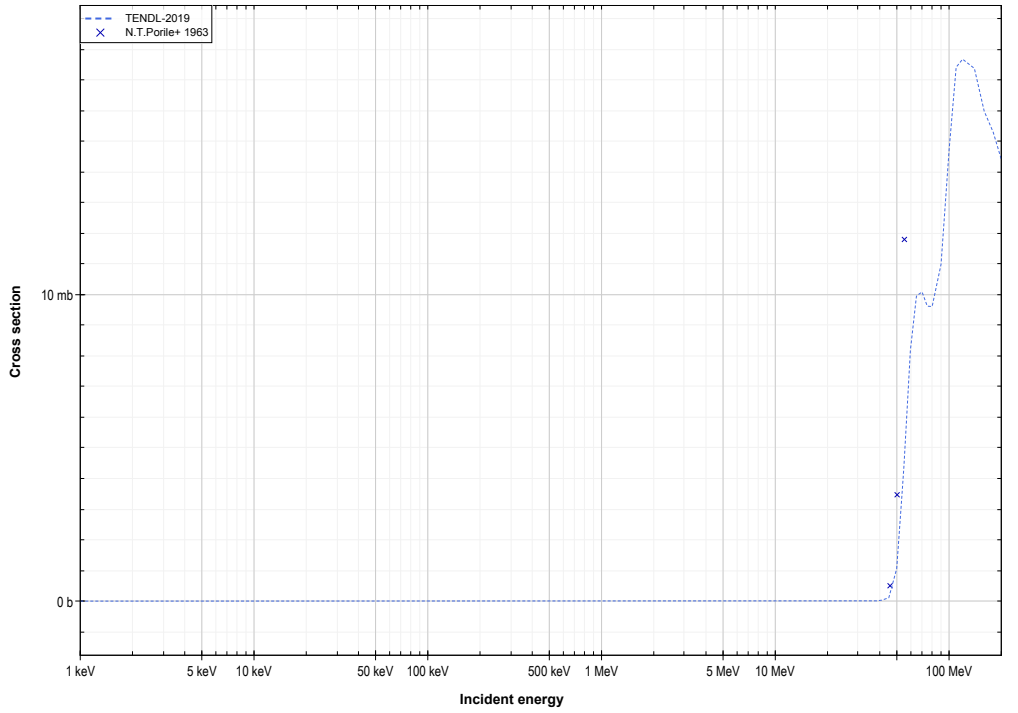
Reaction	Q-Value
Ga71(p,3n+t)Ga66	-38290.19 keV
Ga71(p,4n+d)Ga66	-44547.42 keV
Ga71(p,5n+p)Ga66	-46771.99 keV

<< 27-Co-59	**31-Ga-71**	39-Y-89 >>
<< MT162 (p,5n+p)	**MT181 (p,3n+p+α) or MT5 (Cu64 production)**	MT189 (p,n+t+a) >>

Ga71 (p,3n+p+α) or Cu64 production log-log



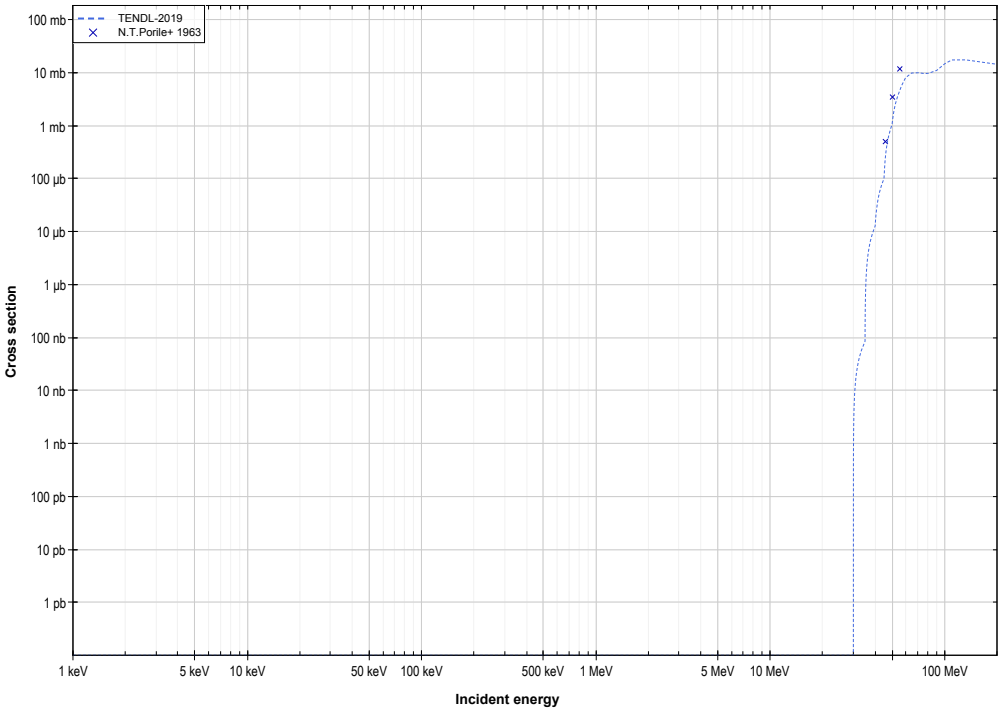
Ga71 (p,3n+p+α) or Cu64 production lin-log



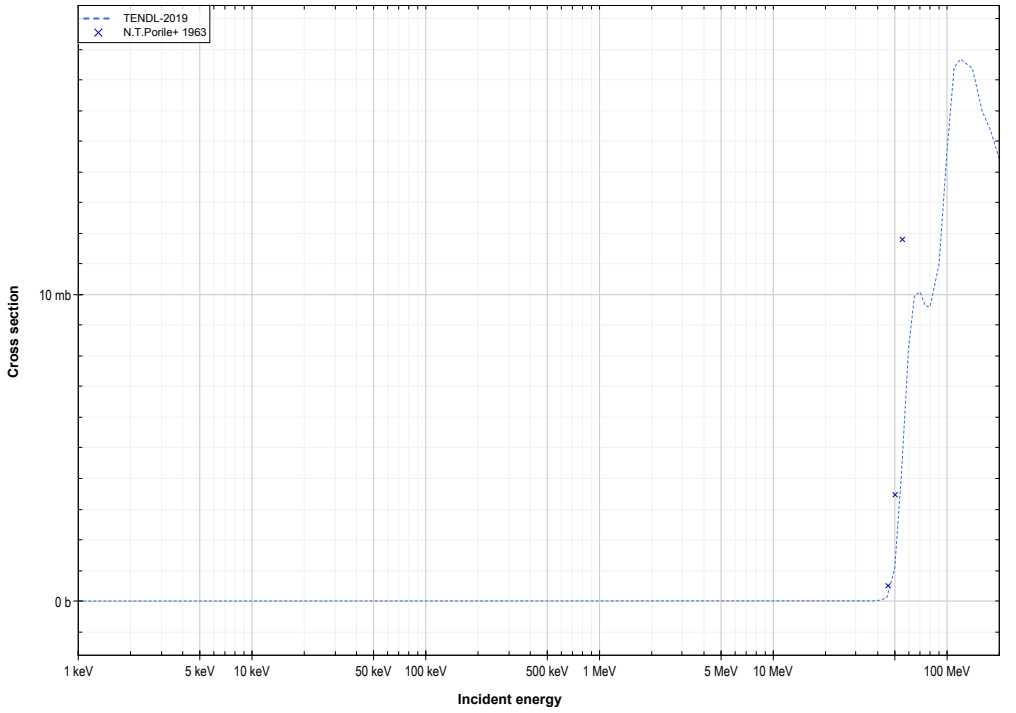
Reaction	Q-Value	Reaction	Q-Value
Ga71(p,n+t+α)Cu64	-22871.67 keV	Ga71(p,3n+d+He3)Cu64	-49706.52 keV
Ga71(p,2n+d+α)Cu64	-29128.90 keV	Ga71(p,3n+2p+t)Cu64	-51167.33 keV
Ga71(p,3n+p+α)Cu64	-31353.47 keV	Ga71(p,4n+p+He3)Cu64	-51931.09 keV
Ga71(p,d+2t)Cu64	-40460.97 keV	Ga71(p,2n+3d)Cu64	-52975.43 keV
Ga71(p,n+p+2t)Cu64	-42685.54 keV	Ga71(p,3n+p+2d)Cu64	-55199.99 keV
Ga71(p,2n+t+He3)Cu64	-43449.29 keV	Ga71(p,4n+2p+d)Cu64	-57424.56 keV
Ga71(p,n+2d+t)Cu64	-46718.20 keV	Ga71(p,5n+3p)Cu64	-59649.13 keV
Ga71(p,2n+p+d+t)Cu64	-48942.77 keV		

<< 27-Co-59	**31-Ga-71**	39-Y-89 >>
<< MT181 (p,3n+p+α)	**MT189 (p,n+t+a) or MT5 (Cu64 production)**	32-Ge-70 MT4 (p,n) >>

Ga71 (p,n+t+a) or Cu64 production log-log



Ga71 (p,n+t+a) or Cu64 production lin-log



Reaction	Q-Value	Reaction	Q-Value
Ga71(p,n+t+α)Cu64	-22871.67 keV	Ga71(p,3n+d+He3)Cu64	-49706.52 keV
Ga71(p,2n+d+α)Cu64	-29128.90 keV	Ga71(p,3n+2p+t)Cu64	-51167.33 keV
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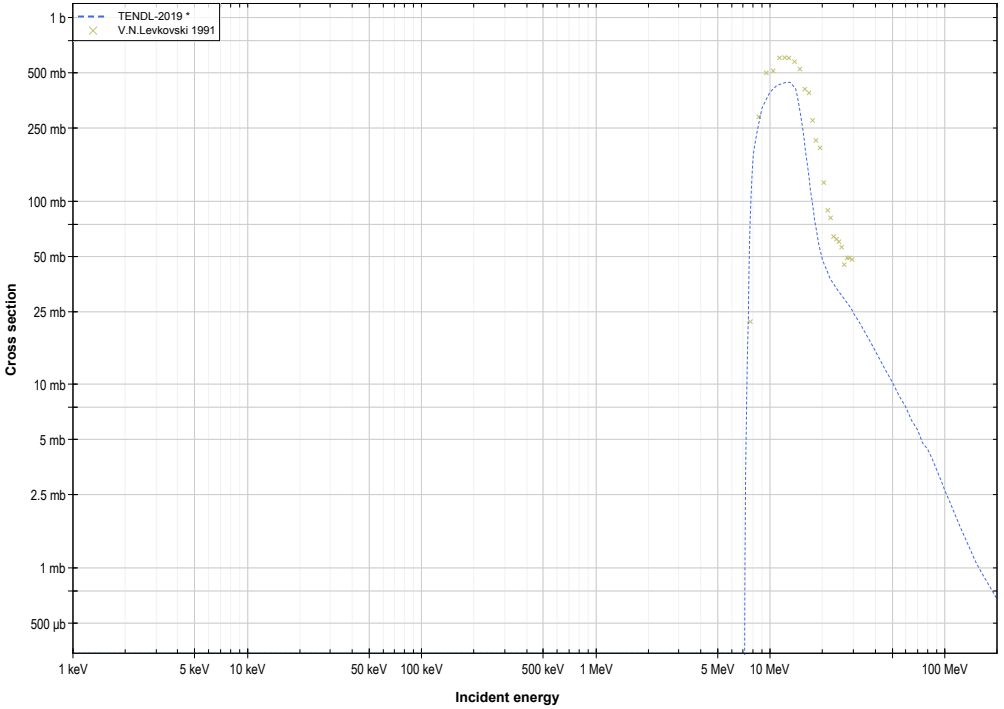
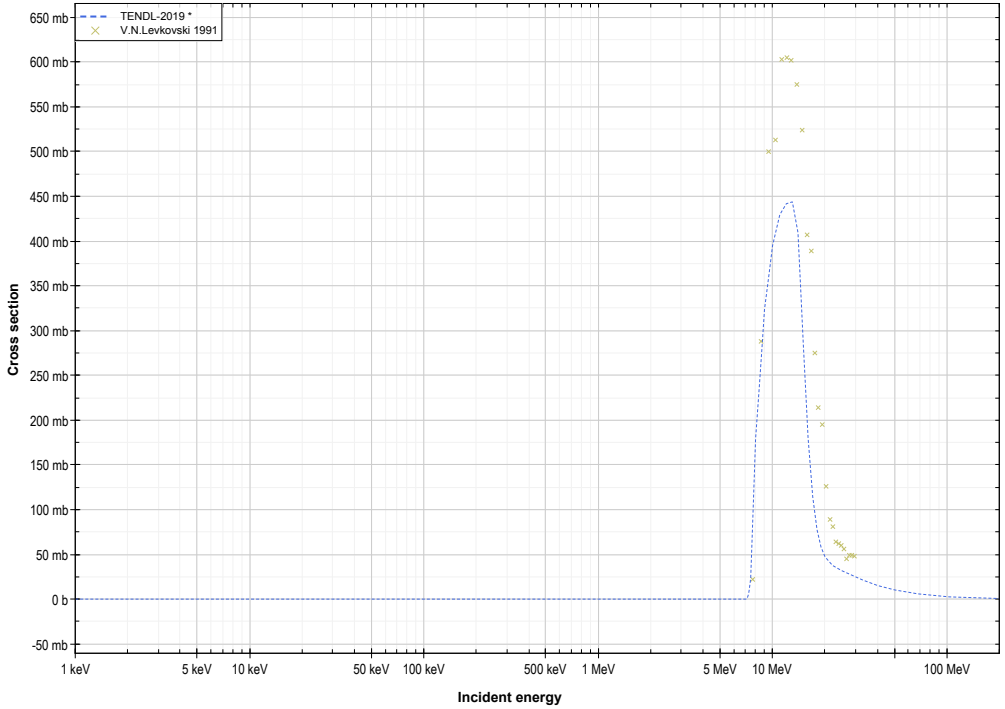
Ga71(p,n+p+2t)Cu64	-42685.54 keV	Ga71(p,3n+p+2d)Cu64	-55199.99 keV
Ga71(p,2n+t+He3)Cu64	-43449.29 keV	Ga71(p,4n+2p+d)Cu64	-57424.56 keV
Ga71(p,n+2d+t)Cu64	-46718.20 keV	Ga71(p,5n+3p)Cu64	-59649.13 keV
Ga71(p,2n+p+d+t)Cu64	-48942.77 keV		

<< 31-Ga-71	**32-Ge-70**	32-Ge-72 >>
<< 31-Ga-71 MT189 (p,n+t+a)	**MT4 (p,n) or MT5 (As70 production)**	MT16 (p,2n) >>

Ge70 (p,n) or As70 production log-log



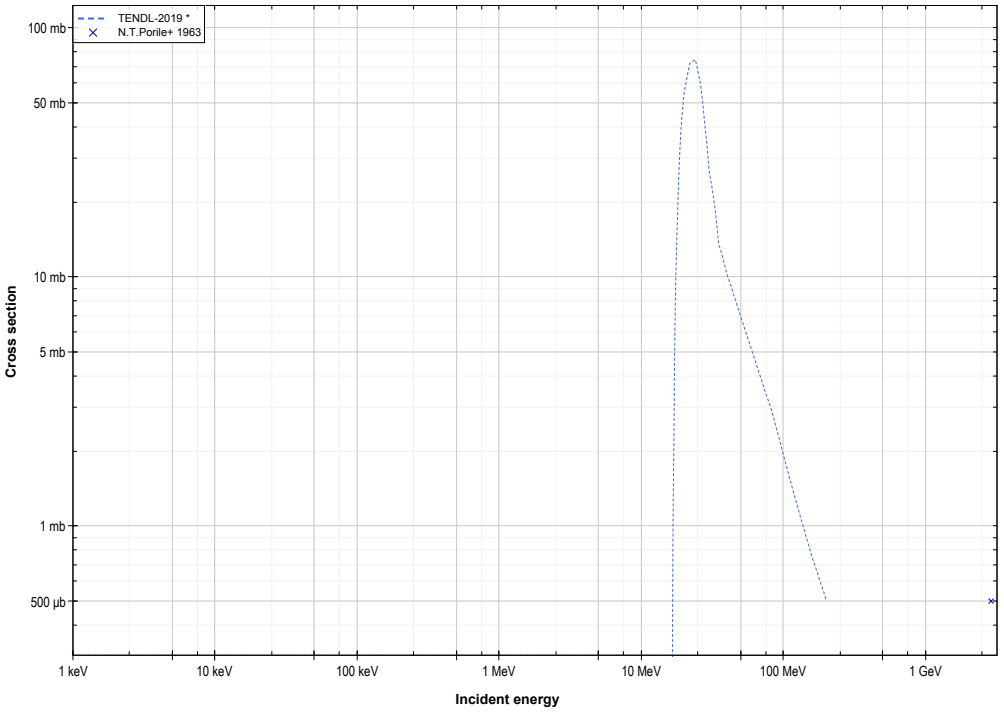
Ge70 (p,n) or As70 production lin-log



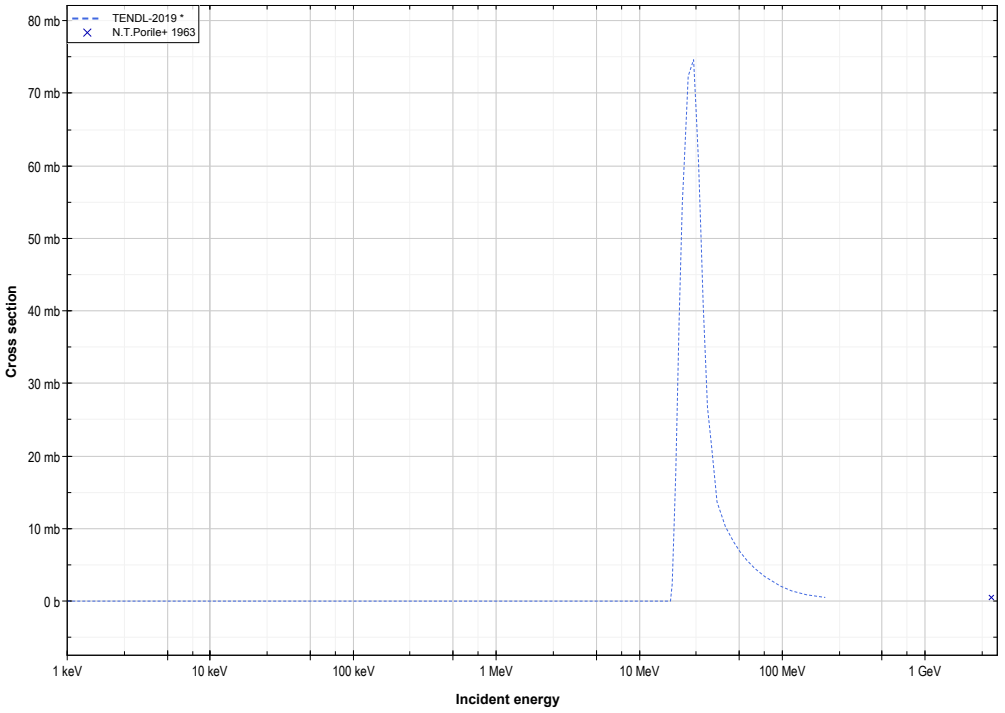
Reaction	Q-Value
Ge70(p,n)As70	-7004.25 keV

<< 31-Ga-69	**32-Ge-70**	32-Ge-72 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (As69 production)**	MT22 (p,n+α) >>

Ge70 (p,2n) or As69 production log-log



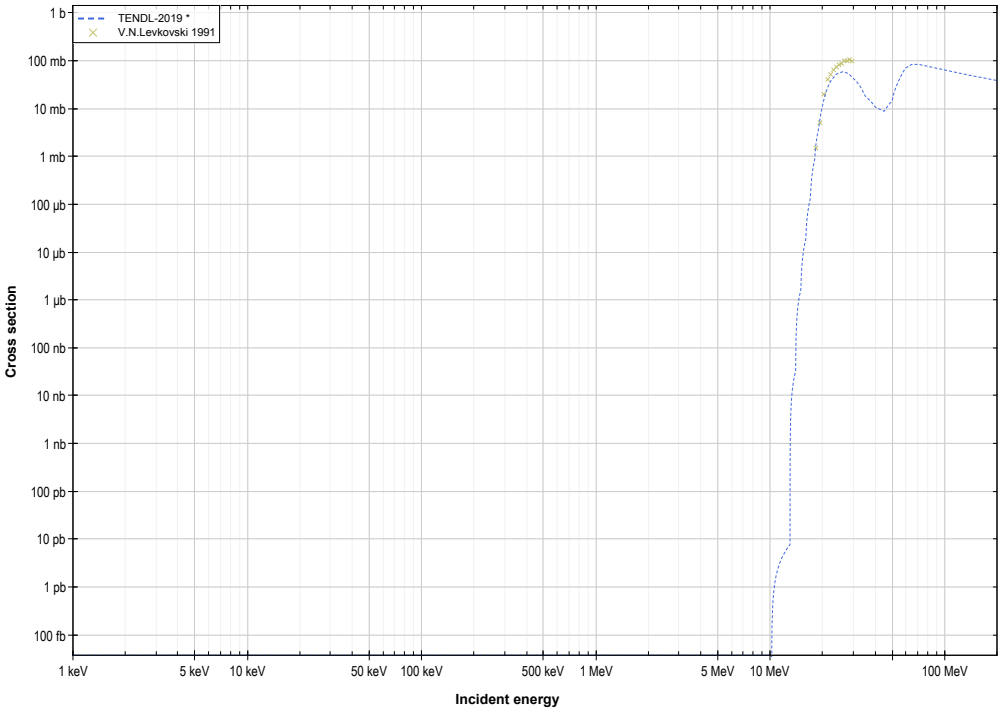
Ge70 (p,2n) or As69 production lin-log



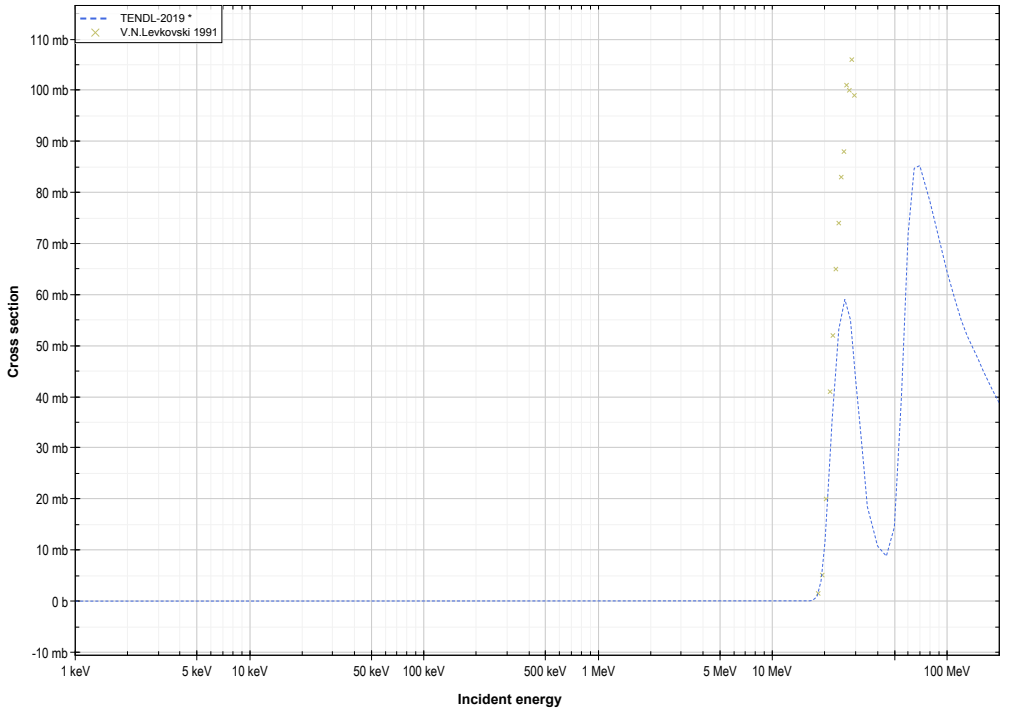
Reaction	Q-Value
Ge70(p,2n)As69	-16305.56 keV

<< 31-Ga-69	**32-Ge-70**	32-Ge-72 >>
<< MT16 (p,2n)	**MT22 (p,n+α) or MT5 (Ga66 production)**	MT23 (p,n+3α) >>

Ge70 (p,n+α) or Ga66 production log-log



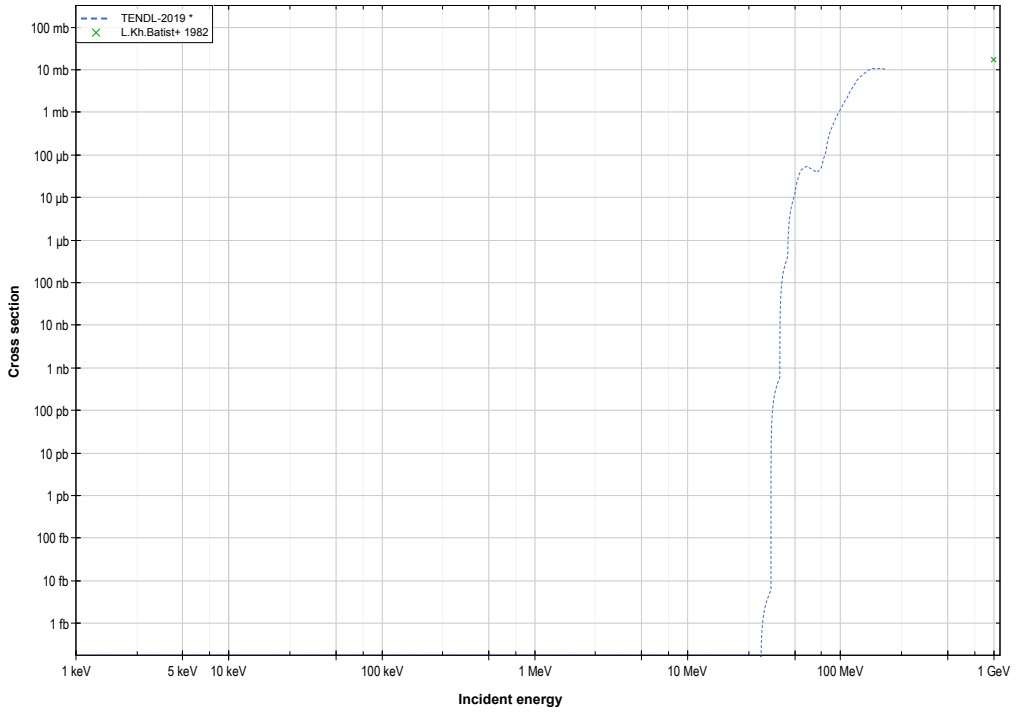
Ge70 (p,n+α) or Ga66 production lin-log



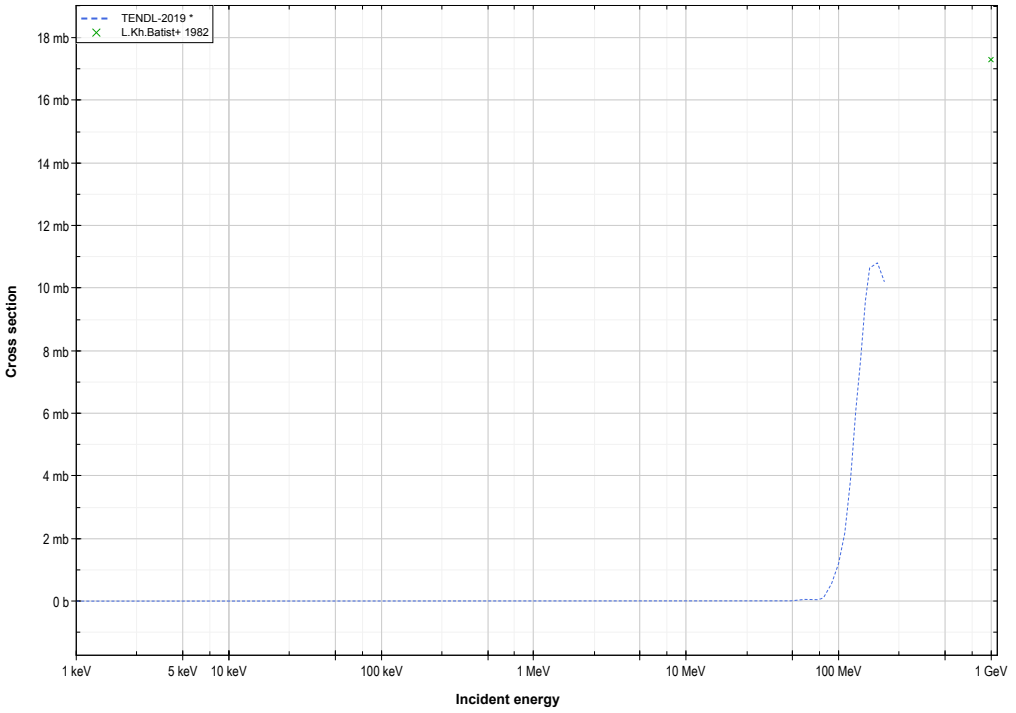
Reaction	Q-Value
Ge70(p,n+α)Ga66	-10045.46 keV
Ge70(p,d+t)Ga66	-27634.76 keV
Ge70(p,n+p+t)Ga66	-29859.33 keV
Ge70(p,2n+He3)Ga66	-30623.08 keV
Ge70(p,n+2d)Ga66	-33891.99 keV
Ge70(p,2n+p+d)Ga66	-36116.56 keV
Ge70(p,3n+2p)Ga66	-38341.12 keV

<< 22-Ti-50	**32-Ge-70**	
<< MT22 (p,n+α)	**MT23 (p,n+3α) or MT5 (Co58 production)**	MT28 (p,n+p) >>

Ge70 (p,n+3α) or Co58 production log-log



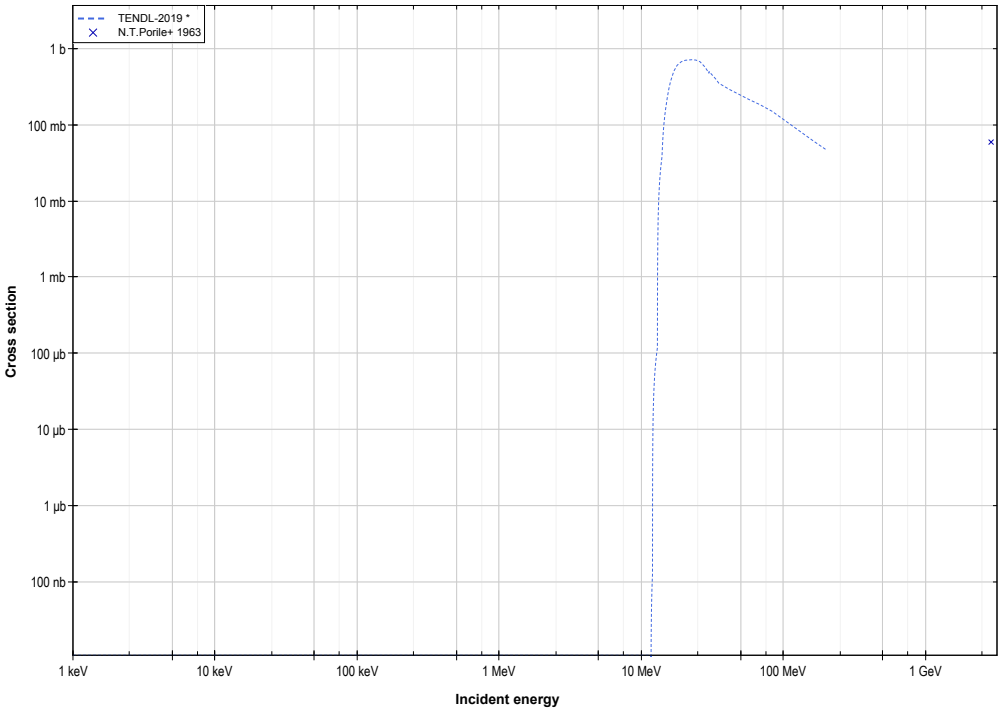
Ge70 (p,n+3α) or Co58 production lin-log



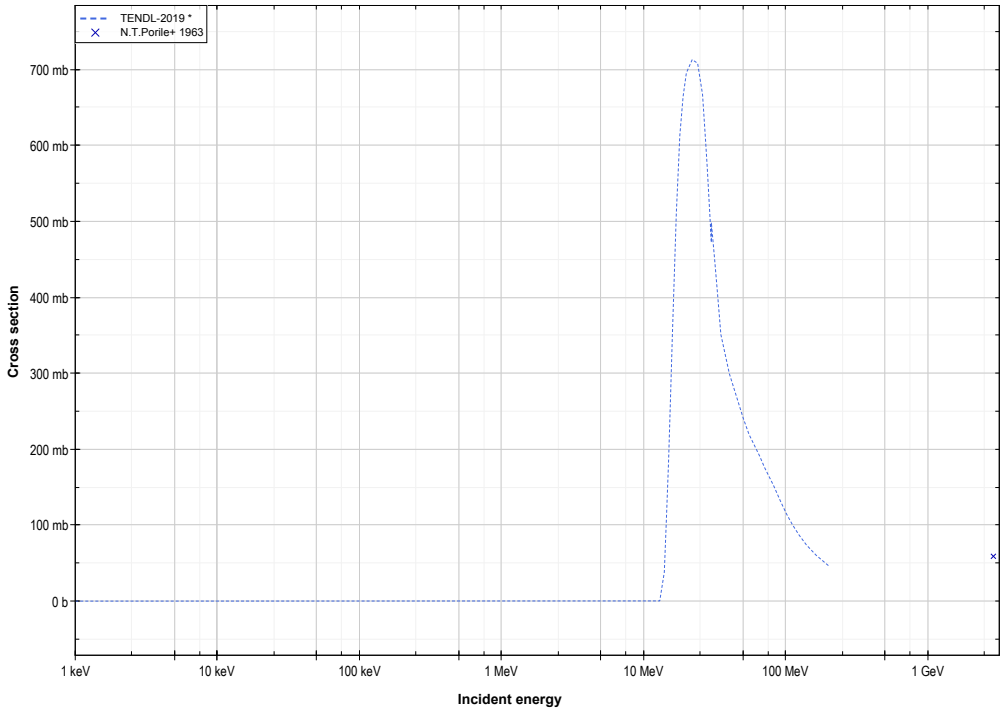
Reaction	Q-Value	Reaction	Q-Value
Ge70(p,n+3α)Co58	-18771.79 keV	Ge70(p,p+d+2t+α)Co58	-56174.96 keV
Ge70(p,d+t+2α)Co58	-36361.09 keV	Ge70(p,n+d+t+He3+α)Co58	-56938.71 keV
Ge70(p,n+p+t+2α)Co58	-38585.66 keV	Ge70(p,n+2p+2t+α)Co58	-58399.52 keV
Ge70(p,2n+He3+2α)Co58	-39349.41 keV	Ge70(p,2n+p+t+He3+α)Co58	-59163.28 keV
Ge70(p,n+2d+2α)Co58	-42618.32 keV	Ge70(p,3n+2He3+α)Co58	-59927.03 keV
Ge70(p,2n+p+d+2α)Co58	-44842.89 keV	Ge70(p,3d+t+α)Co58	-60207.62 keV
Ge70(p,3n+2p+2α)Co58	-47067.45 keV	Ge70(p,n+p+2d+t+α)Co58	-62432.19 keV
Ge70(p,2t+He3+α)Co58	-50681.48 keV	Ge70(p,2n+2d+He3+α)Co58	-63195.94 keV

<< 31-Ga-71	**32-Ge-70**	32-Ge-72 >>
<< MT23 (p,n+3α)	**MT28 (p,n+p) or MT5 (Ge69 production)**	MT30 (p,2n+2α) >>

Ge70 (p,n+p) or Ge69 production log-log



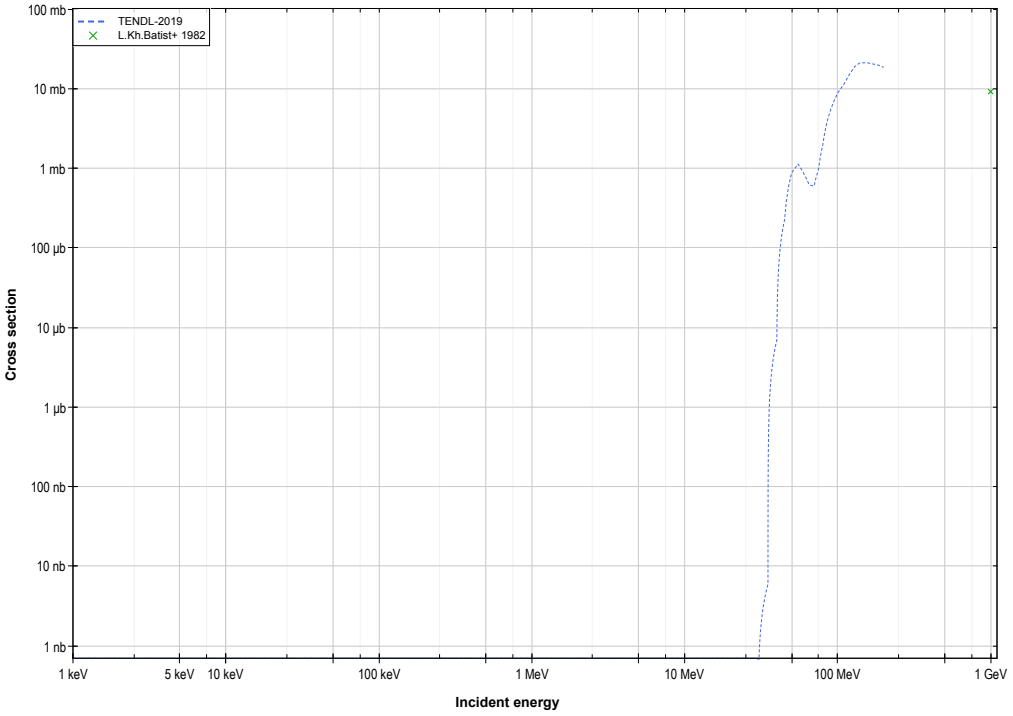
Ge70 (p,n+p) or Ge69 production lin-log



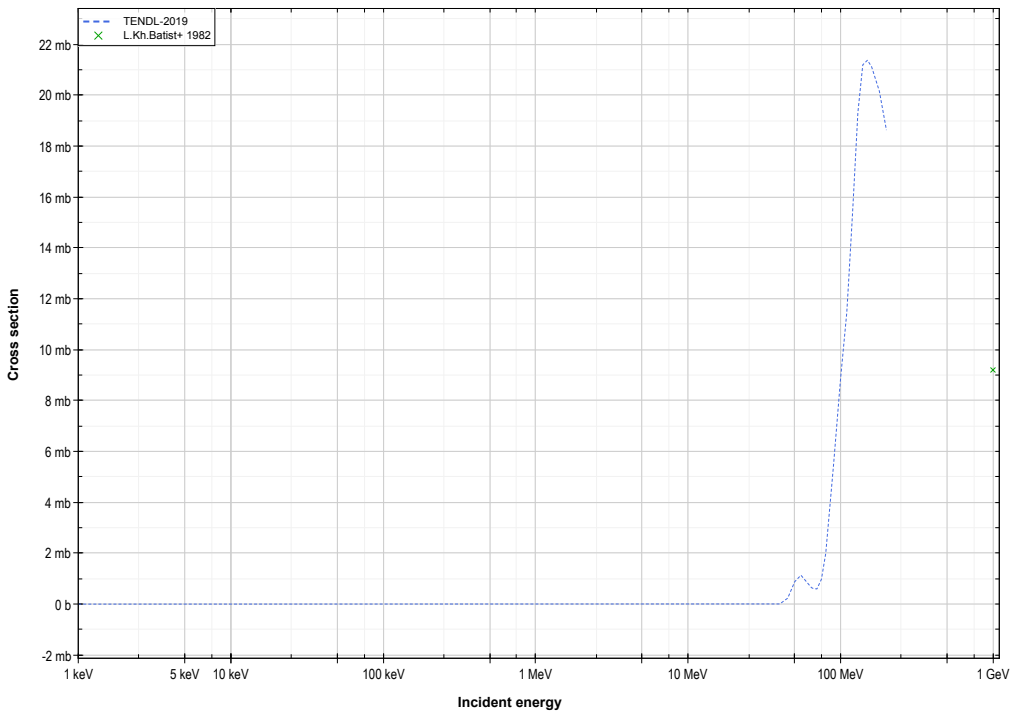
Reaction	Q-Value
Ge70(p,d)Ge69	-9307.95 keV
Ge70(p,n+p)Ge69	-11532.52 keV

<< 9-F-19	**32-Ge-70**	
<< MT28 (p,n+p)	**MT30 (p,2n+2α) or MT5 (Cu61 production)**	MT45 (p,n+p+α) >>

Ge70 (p,2n+2α) or Cu61 production log-log



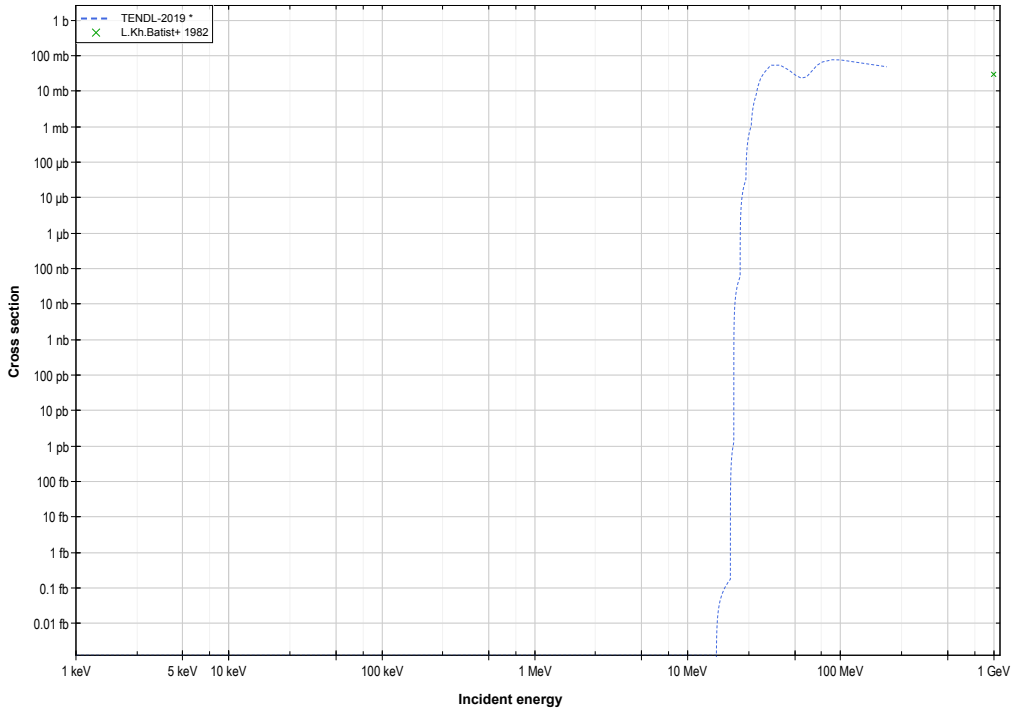
Ge70 (p,2n+2α) or Cu61 production lin-log



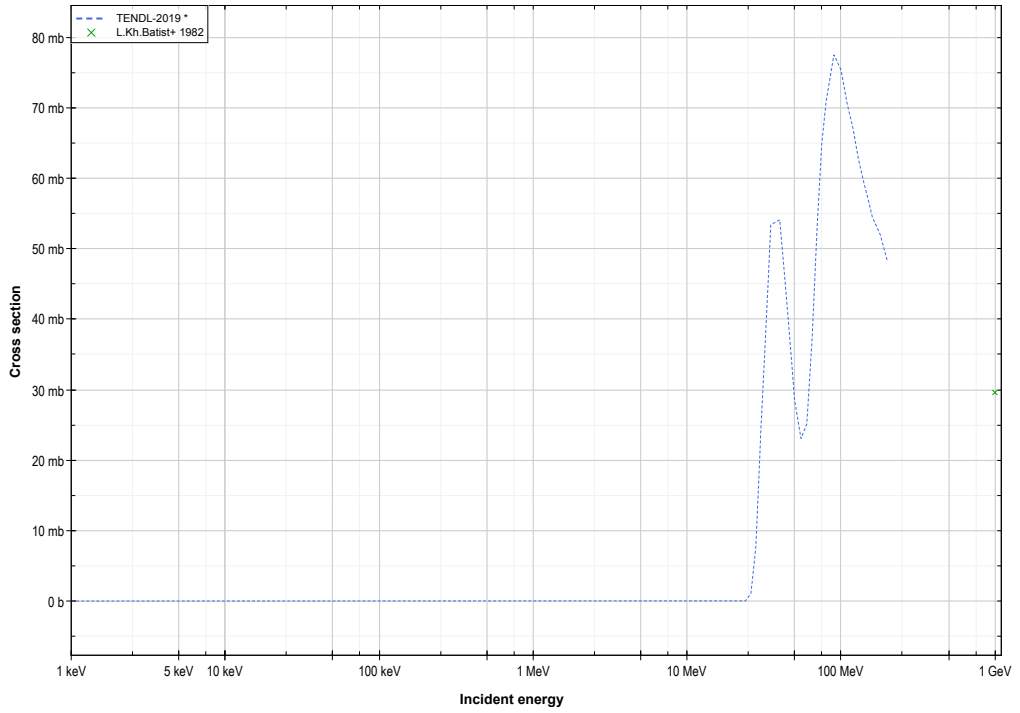
Reaction	Q-Value	Reaction	Q-Value
Ge70(p,2n+2α)Cu61	-22281.29 keV	Ge70(p,p+3t)Cu61	-53427.23 keV
Ge70(p,2t+α)Cu61	-33613.36 keV	Ge70(p,n+2t+He3)Cu61	-54190.98 keV
Ge70(p,n+d+t+α)Cu61	-39870.59 keV	Ge70(p,2d+2t)Cu61	-57459.89 keV
Ge70(p,2n+p+t+α)Cu61	-42095.16 keV	Ge70(p,n+p+d+2t)Cu61	-59684.46 keV
Ge70(p,3n+He3+α)Cu61	-42858.91 keV	Ge70(p,2n+d+t+He3)Cu61	-60448.21 keV
Ge70(p,2n+2d+α)Cu61	-46127.82 keV	Ge70(p,2n+2p+2t)Cu61	-61909.02 keV
Ge70(p,3n+p+d+α)Cu61	-48352.39 keV	Ge70(p,3n+p+t+He3)Cu61	-62672.78 keV
Ge70(p,4n+2p+α)Cu61	-50576.95 keV	Ge70(p,4n+2He3)Cu61	-63436.53 keV

<< 31-Ga-69	**32-Ge-70**	39-Y-89 >>
<< MT30 (p,2n+2α)	**MT45 (p,n+p+α) or MT5 (Zn65 production)**	MT107 (p,α) >>

Ge70 (p,n+p+α) or Zn65 production log-log



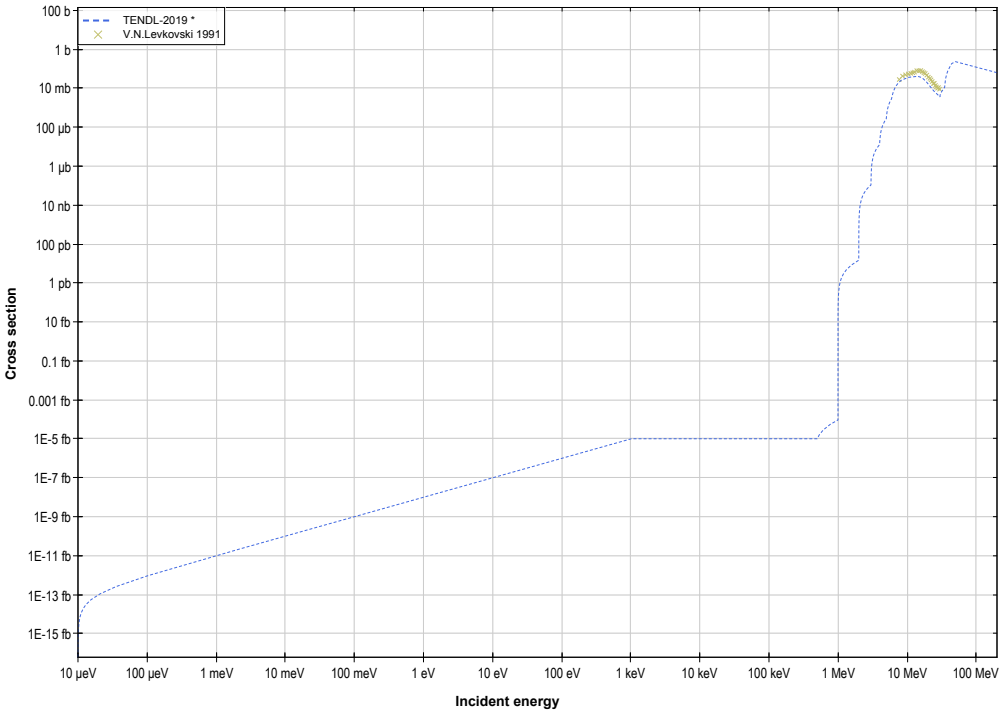
Ge70 (p,n+p+α) or Zn65 production lin-log



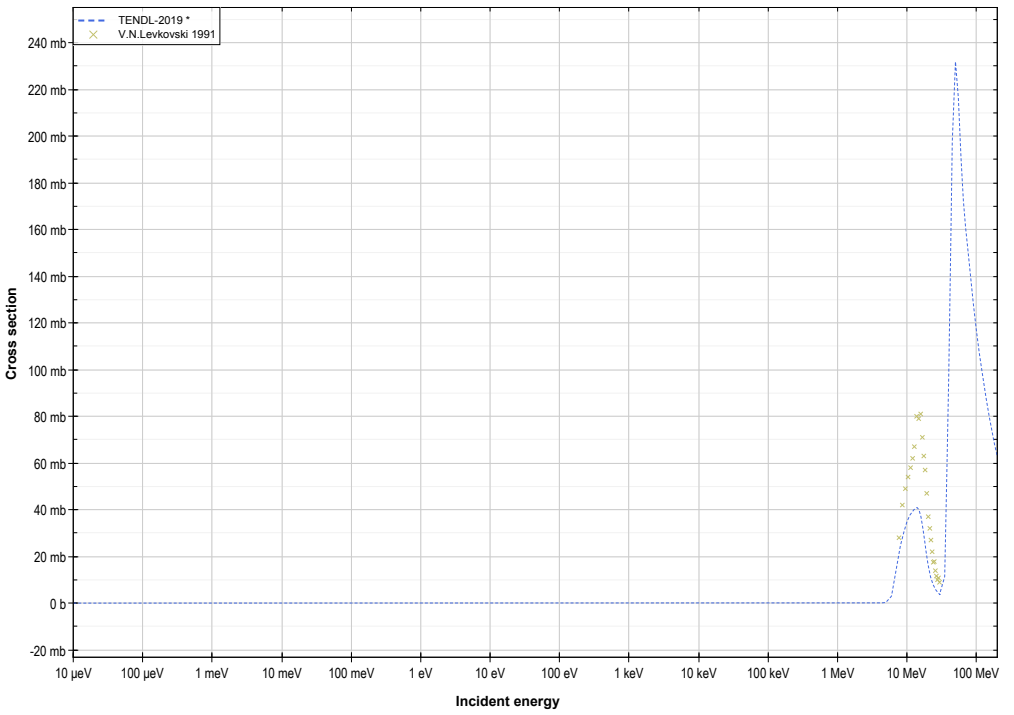
Reaction	Q-Value	Reaction	Q-Value
Ge70(p,d+α)Zn65	-12921.57 keV	Ge70(p,n+p+2d)Zn65	-38992.66 keV
Ge70(p,n+p+α)Zn65	-15146.13 keV	Ge70(p,2n+2p+d)Zn65	-41217.23 keV
Ge70(p,t+He3)Zn65	-27241.96 keV	Ge70(p,3n+3p)Zn65	-43441.79 keV
Ge70(p,p+d+t)Zn65	-32735.43 keV		
Ge70(p,n+d+He3)Zn65	-33499.19 keV		
Ge70(p,n+2p+t)Zn65	-34960.00 keV		
Ge70(p,2n+p+He3)Zn65	-35723.75 keV		
Ge70(p,3d)Zn65	-36768.09 keV		

<< 30-Zn-70	**32-Ge-70**	32-Ge-76 >>
<< MT45 (p,n+p+α)	**MT107 (p,α) or MT5 (Ga67 production)**	MT117 (p,d+α) >>

Ge70 (p,α) or Ga67 production log-log



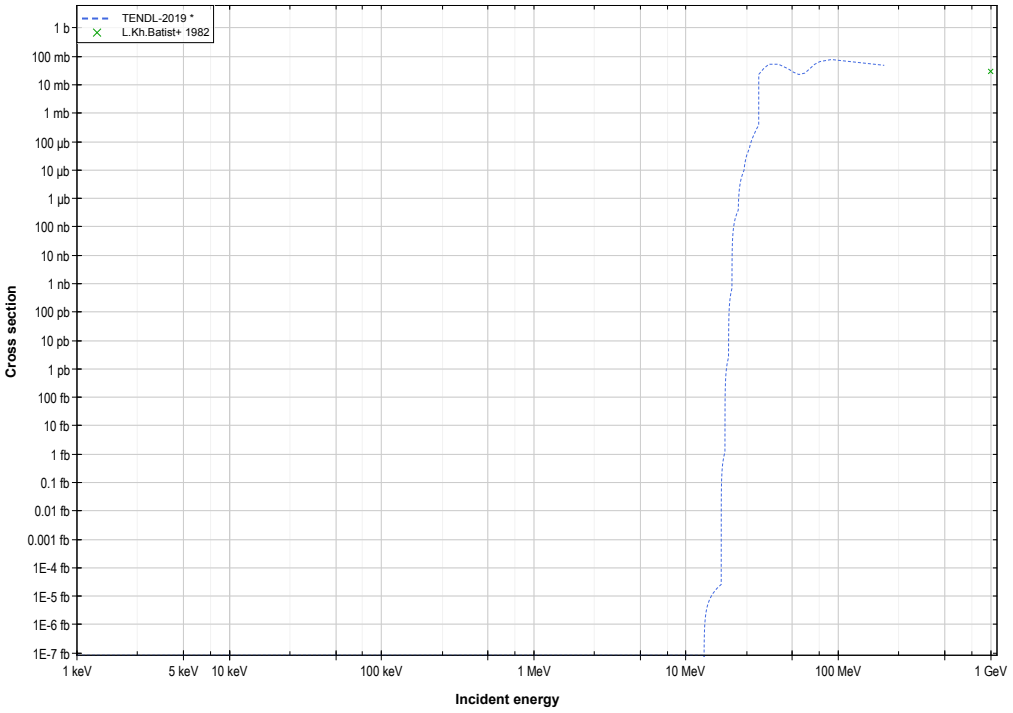
Ge70 (p,α) or Ga67 production lin-log



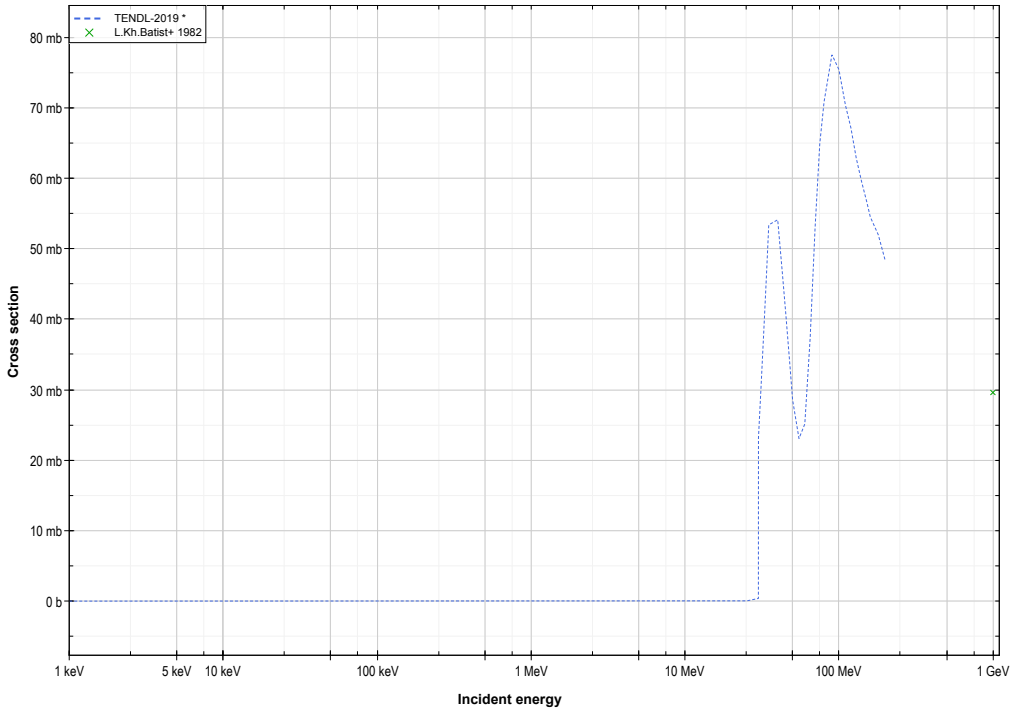
Reaction	Q-Value
Ge70(p,α)Ga67	1181.15 keV
Ge70(p,p+t)Ga67	-18632.71 keV
Ge70(p,n+He3)Ga67	-19396.46 keV
Ge70(p,2d)Ga67	-22665.37 keV
Ge70(p,n+p+d)Ga67	-24889.94 keV
Ge70(p,2n+2p)Ga67	-27114.50 keV

<< 31-Ga-69	**32-Ge-70**	39-Y-89 >>
<< MT107 (p,α)	**MT117 (p,d+α) or MT5 (Zn65 production)**	MT176 (p,2n+³He) >>

Ge70 (p,d+α) or Zn65 production log-log



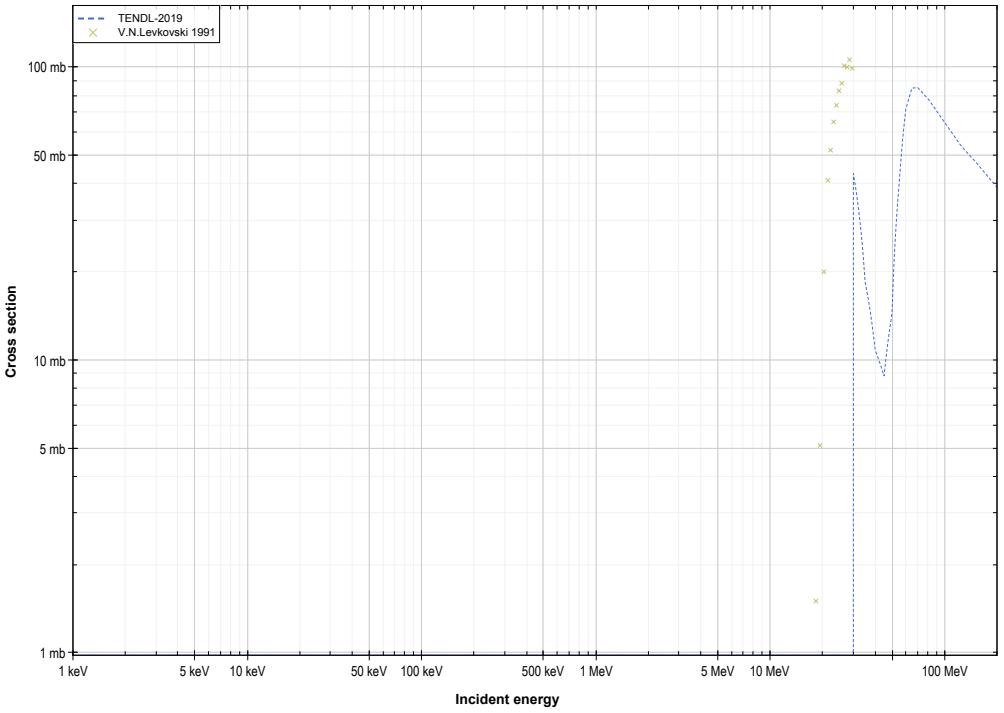
Ge70 (p,d+α) or Zn65 production lin-log



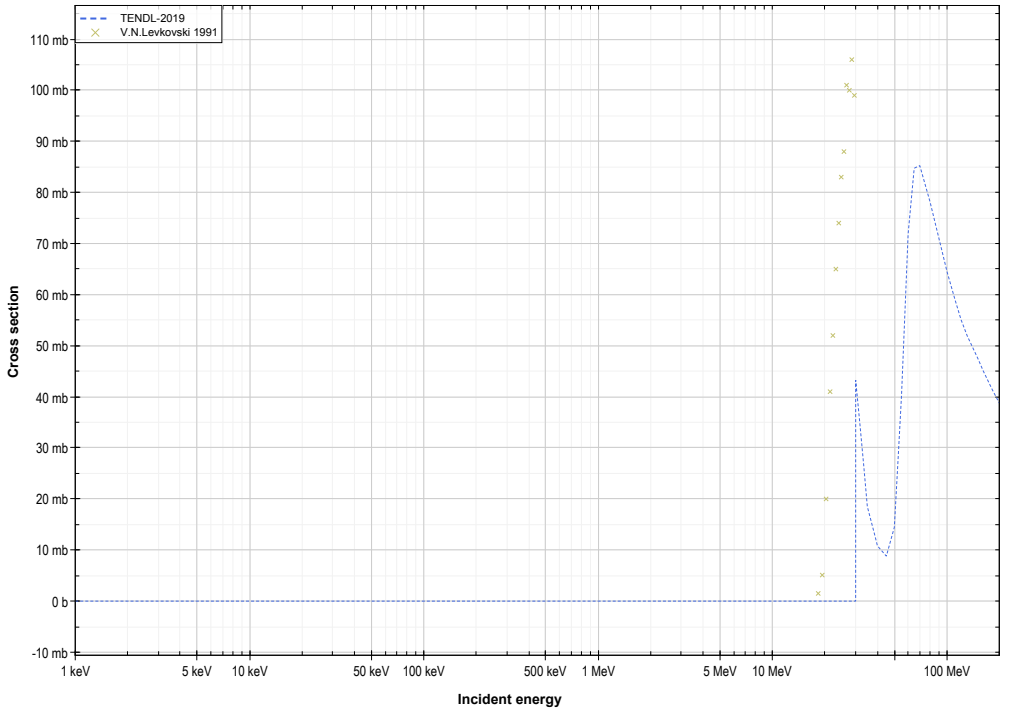
Reaction	Q-Value	Reaction	Q-Value
Ge70(p,d+α)Zn65	-12921.57 keV	Ge70(p,n+p+2d)Zn65	-38992.66 keV
Ge70(p,n+p+α)Zn65	-15146.13 keV	Ge70(p,2n+2p+d)Zn65	-41217.23 keV
Ge70(p,t+He3)Zn65	-27241.96 keV	Ge70(p,3n+3p)Zn65	-43441.79 keV
Ge70(p,p+d+t)Zn65	-32735.43 keV		
Ge70(p,n+d+He3)Zn65	-33499.19 keV		
Ge70(p,n+2p+t)Zn65	-34960.00 keV		
Ge70(p,2n+p+He3)Zn65	-35723.75 keV		
Ge70(p,3d)Zn65	-36768.09 keV		

<< 31-Ga-69	**32-Ge-70**	32-Ge-72 >>
<< MT117 (p,d+α)	**MT176 (p,2n+³He) or MT5 (Ga66 production)**	MT179 (p,3n+2p) >>

Ge70 (p,2n+³He) or Ga66 production log-log



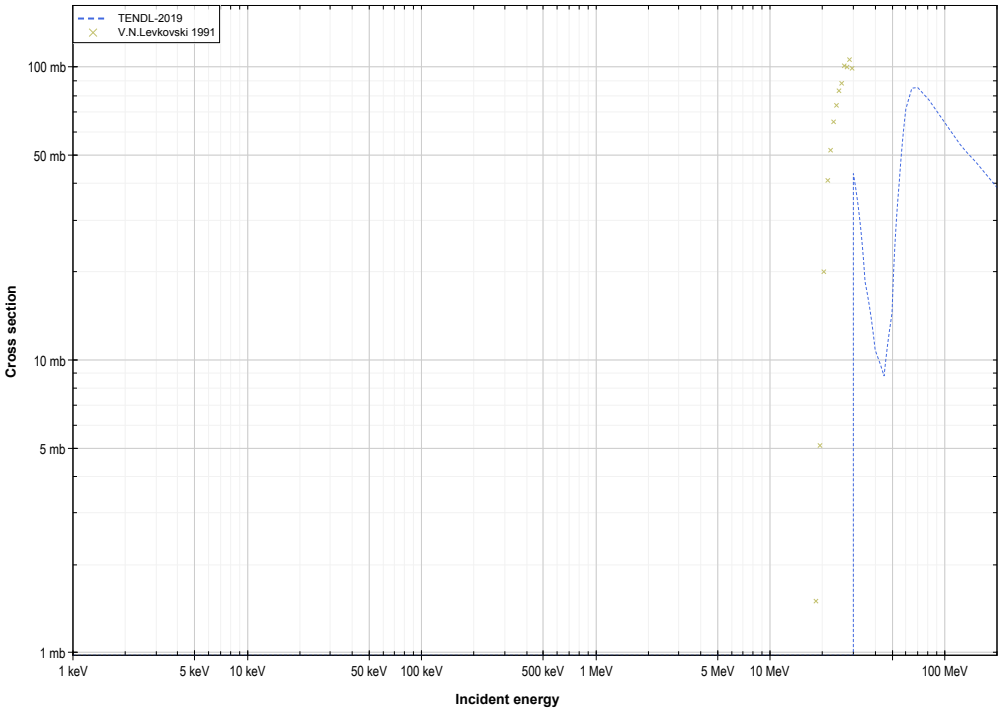
Ge70 (p,2n+³He) or Ga66 production lin-log



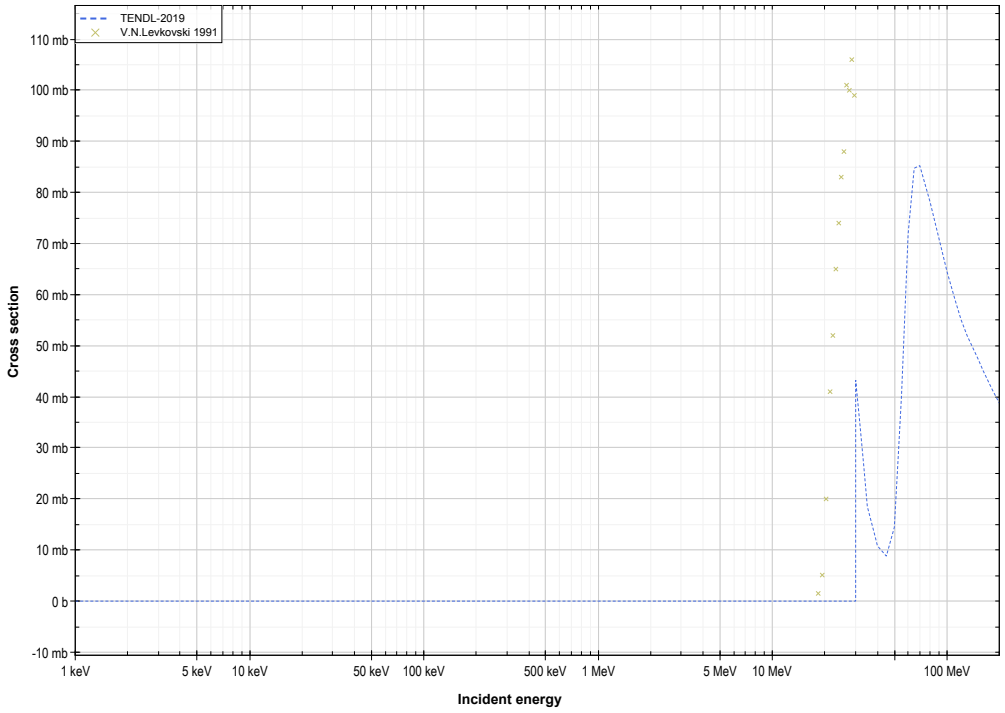
Reaction	Q-Value
Ge70(p,n+α)Ga66	-10045.46 keV
Ge70(p,d+t)Ga66	-27634.76 keV
Ge70(p,n+p+t)Ga66	-29859.33 keV
Ge70(p,2n+He3)Ga66	-30623.08 keV
Ge70(p,n+2d)Ga66	-33891.99 keV
Ge70(p,2n+p+d)Ga66	-36116.56 keV
Ge70(p,3n+2p)Ga66	-38341.12 keV

<< 31-Ga-69	**32-Ge-70**	32-Ge-72 >>
<< MT176 (p,2n+³He)	**MT179 (p,3n+2p) or MT5 (Ga66 production)**	MT180 (p,3n+2α) >>

Ge70 (p,3n+2p) or Ga66 production log-log



Ge70 (p,3n+2p) or Ga66 production lin-log



Reaction	Q-Value
Ge70(p,n+α)Ga66	-10045.46 keV
Ge70(p,d+t)Ga66	-27634.76 keV
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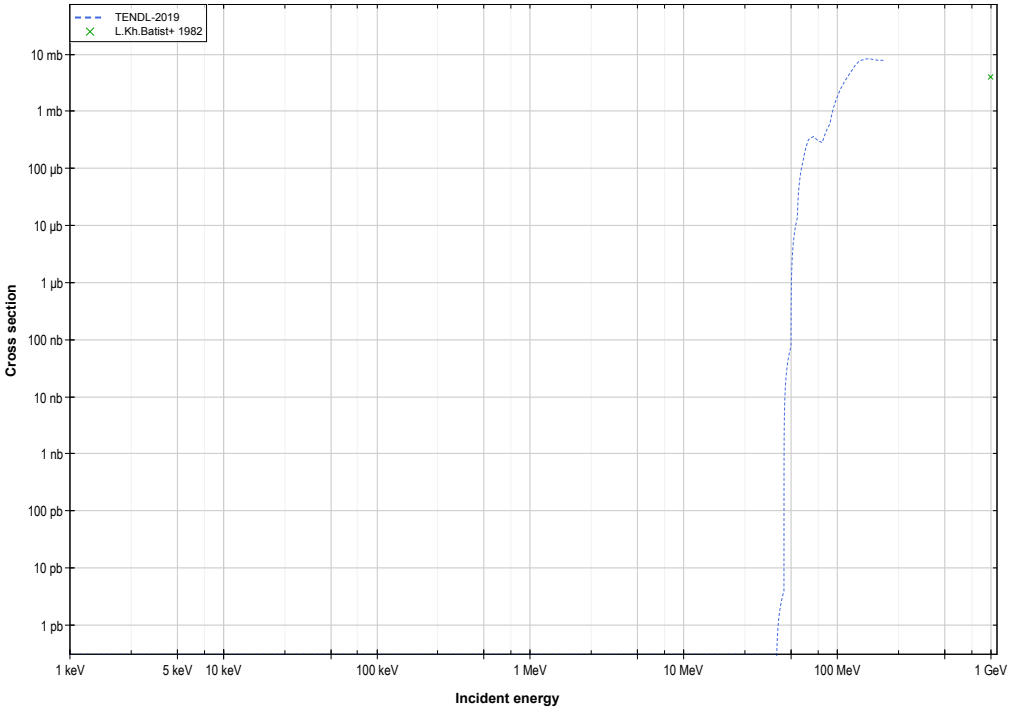
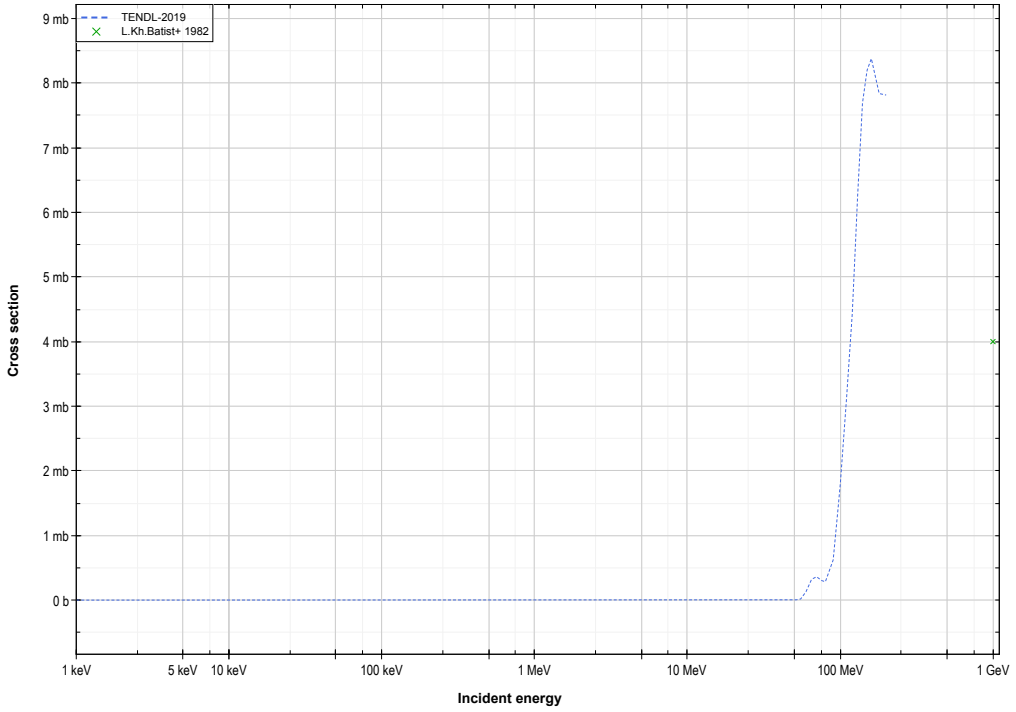
Ge70(p,2n+He3)Ga66	-30623.08 keV
Ge70(p,n+2d)Ga66	-33891.99 keV
Ge70(p,2n+p+d)Ga66	-36116.56 keV
Ge70(p,3n+2p)Ga66	-38341.12 keV

	32-Ge-70	
<< MT179 (p,3n+2p)	**MT180 (p,3n+2α) or MT5 (Cu60 production)**	MT182 (p,d+t) >>

Ge70 (p,3n+2α) or Cu60 production log-log



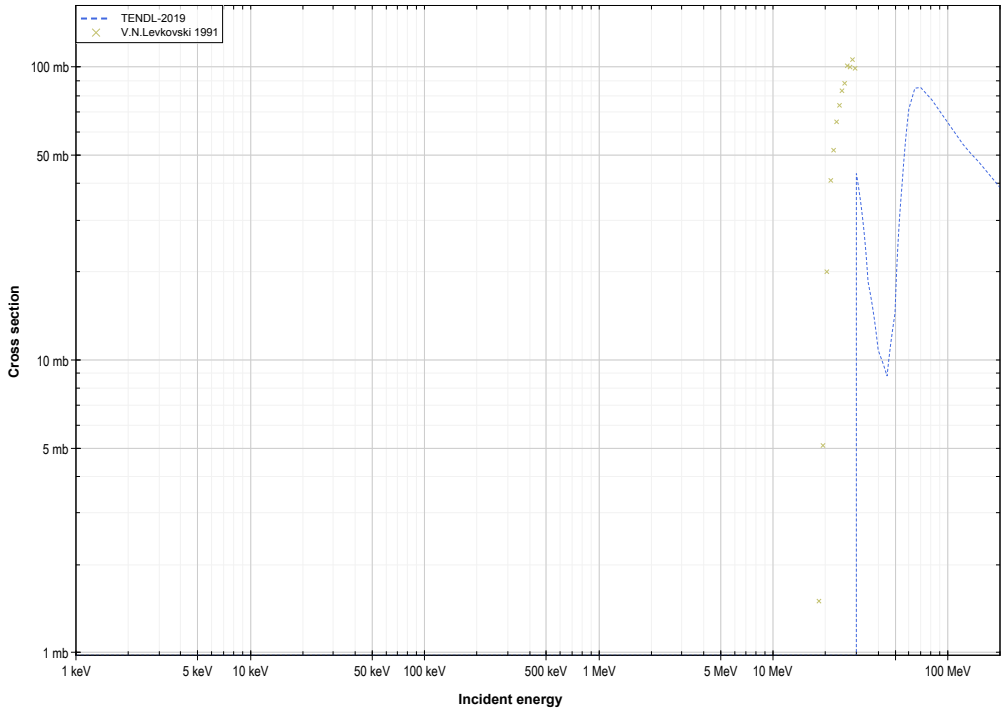
Ge70 (p,3n+2α) or Cu60 production lin-log



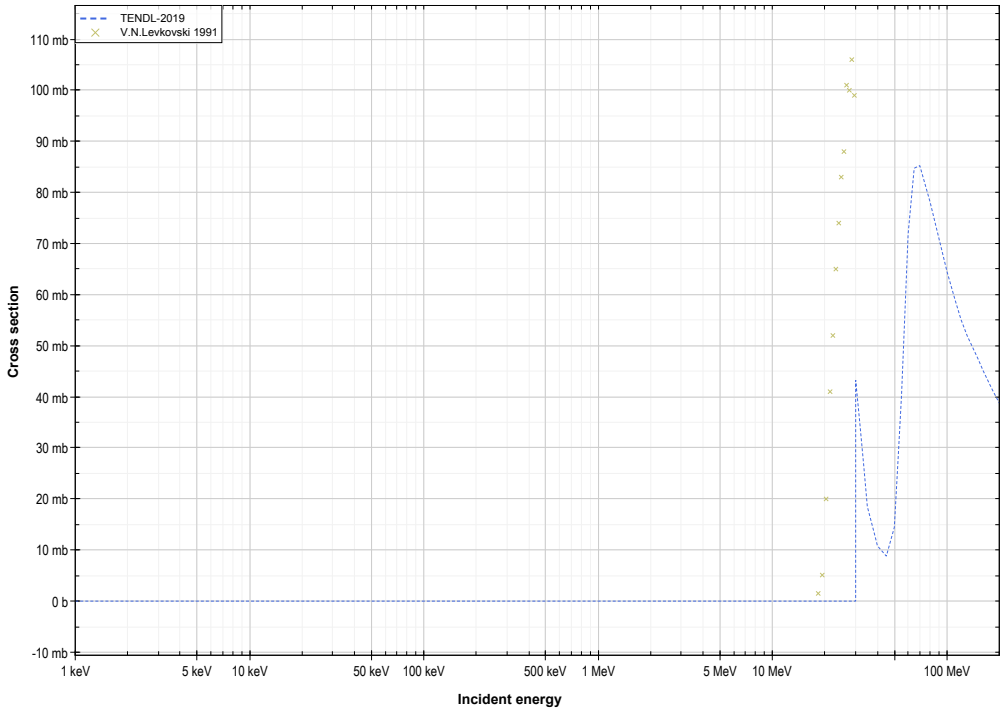
Reaction	Q-Value	Reaction	Q-Value
Ge70(p,3n+2α)Cu60	-33991.61 keV	Ge70(p,d+3t)Cu60	-62912.98 keV
Ge70(p,n+2t+α)Cu60	-45323.68 keV	Ge70(p,n+p+3t)Cu60	-65137.55 keV
Ge70(p,2n+d+t+α)Cu60	-51580.91 keV	Ge70(p,2n+2t+He3)Cu60	-65901.30 keV
Ge70(p,3n+p+t+α)Cu60	-53805.48 keV	Ge70(p,n+2d+2t)Cu60	-69170.21 keV
Ge70(p,4n+He3+α)Cu60	-54569.23 keV	Ge70(p,2n+p+d+2t)Cu60	-71394.78 keV
Ge70(p,3n+2d+α)Cu60	-57838.14 keV	Ge70(p,3n+d+t+He3)Cu60	-72158.53 keV
Ge70(p,4n+p+d+α)Cu60	-60062.71 keV	Ge70(p,3n+2p+2t)Cu60	-73619.34 keV
Ge70(p,5n+2p+α)Cu60	-62287.27 keV	Ge70(p,4n+p+t+He3)Cu60	-74383.10 keV

<< 31-Ga-69	**32-Ge-70**	32-Ge-72 >>
<< MT180 (p,3n+2α)	**MT182 (p,d+t) or MT5 (Ga66 production)**	MT184 (p,n+p+t) >>

Ge70 (p,d+t) or Ga66 production log-log



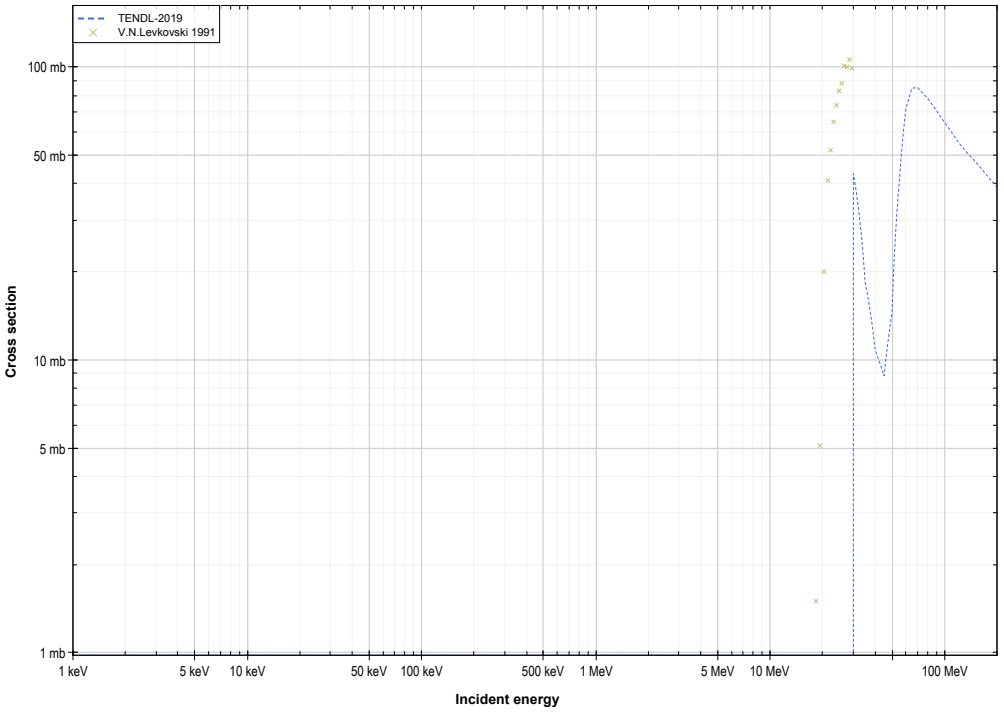
Ge70 (p,d+t) or Ga66 production lin-log



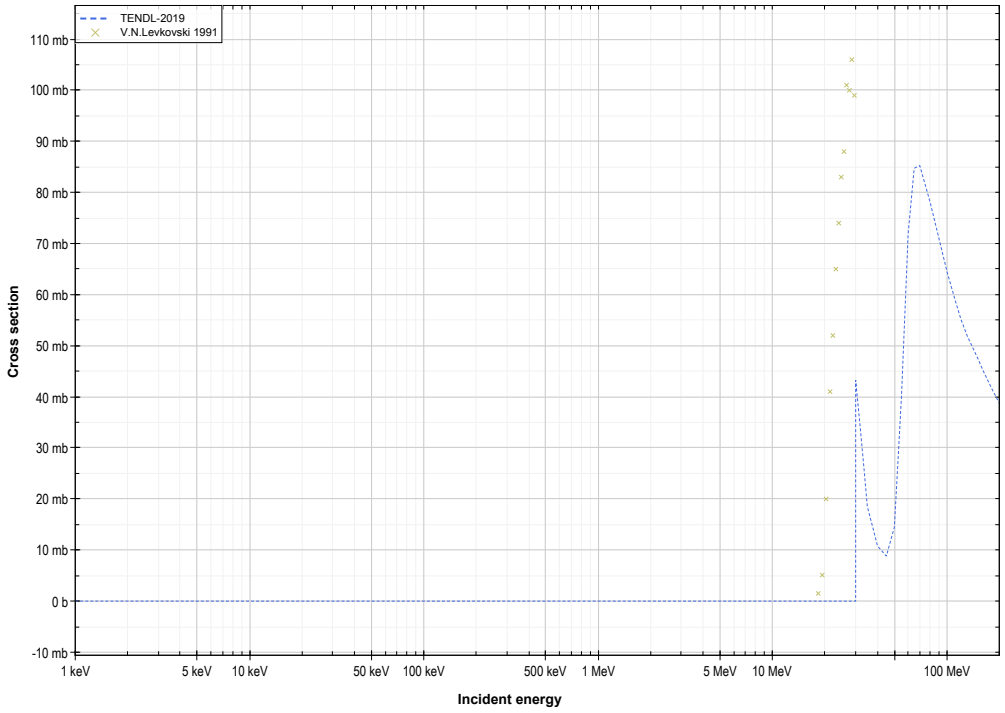
Reaction	Q-Value
Ge70(p,n+α)Ga66	-10045.46 keV
Ge70(p,d+t)Ga66	-27634.76 keV
Ge70(p,n+p+t)Ga66	-29859.33 keV
Ge70(p,2n+He3)Ga66	-30623.08 keV
Ge70(p,n+2d)Ga66	-33891.99 keV
Ge70(p,2n+p+d)Ga66	-36116.56 keV
Ge70(p,3n+2p)Ga66	-38341.12 keV

<< 31-Ga-69	**32-Ge-70**	32-Ge-72 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Ga66 production)**	MT187 (p,n+d+^{3}He) >>

Ge70 (p,n+p+t) or Ga66 production log-log



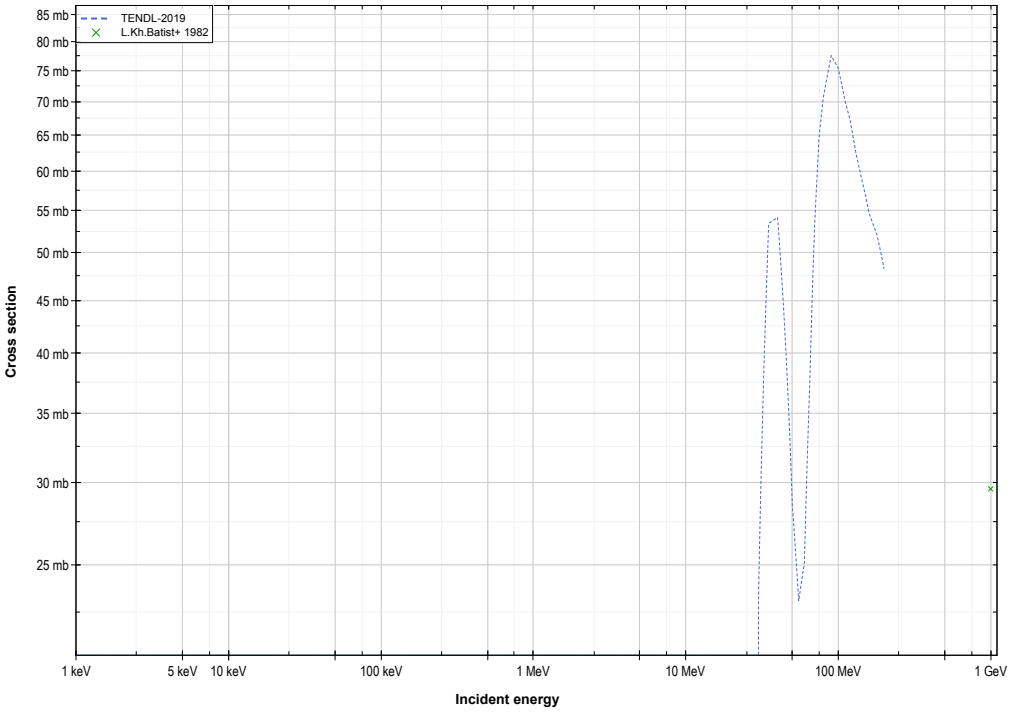
Ge70 (p,n+p+t) or Ga66 production lin-log



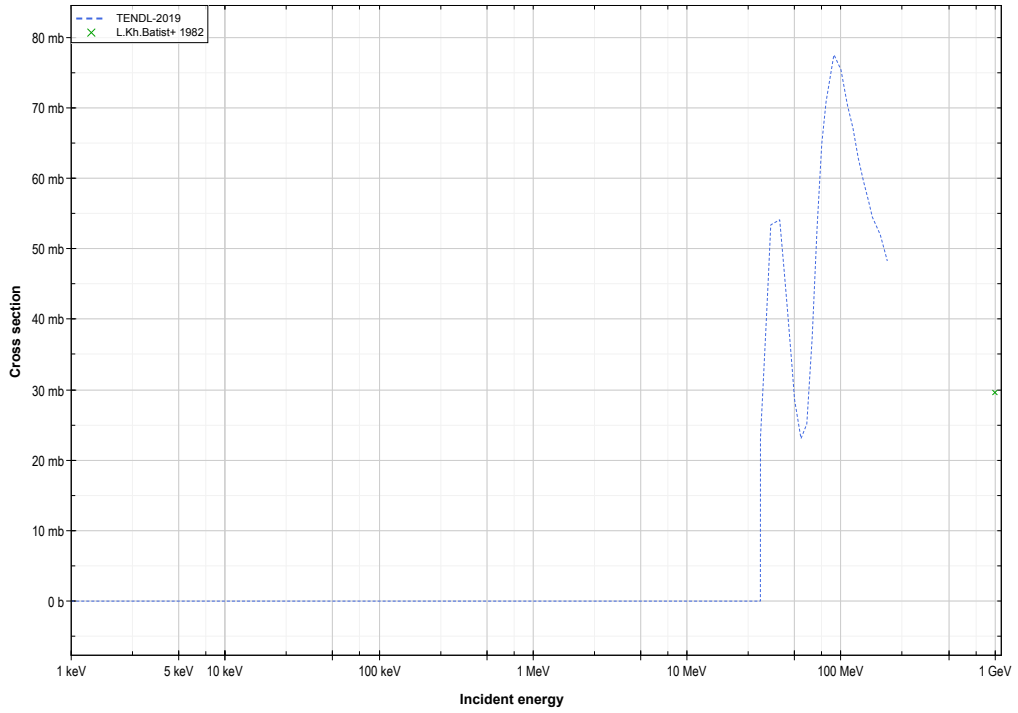
Reaction	Q-Value
Ge70(p,n+α)Ga66	-10045.46 keV
Ge70(p,d+t)Ga66	-27634.76 keV
Ge70(p,n+p+t)Ga66	-29859.33 keV
Ge70(p,2n+He3)Ga66	-30623.08 keV
Ge70(p,n+2d)Ga66	-33891.99 keV
Ge70(p,2n+p+d)Ga66	-36116.56 keV
Ge70(p,3n+2p)Ga66	-38341.12 keV

<< 31-Ga-69	**32-Ge-70**	39-Y-89 >>
<< MT184 (p,n+p+t)	**MT187 (p,n+d+^{3}He) or MT5 (Zn65 production)**	MT196 (p,4n+p+α) >>

Ge70 (p,n+d+^{3}He) or Zn65 production log-log



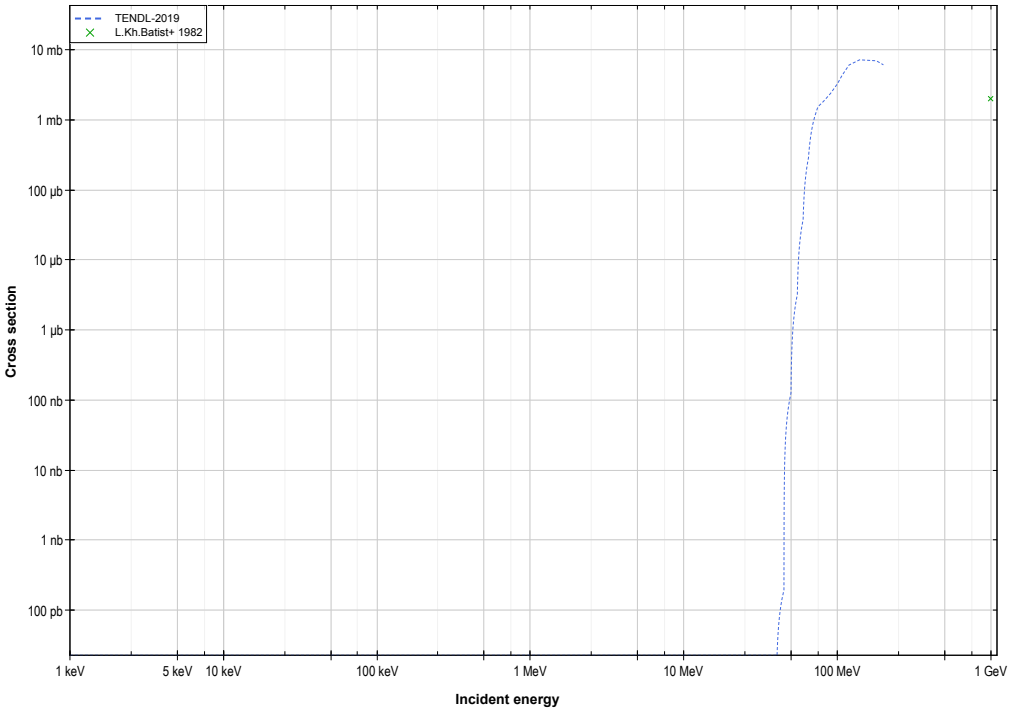
Ge70 (p,n+d+^{3}He) or Zn65 production lin-log



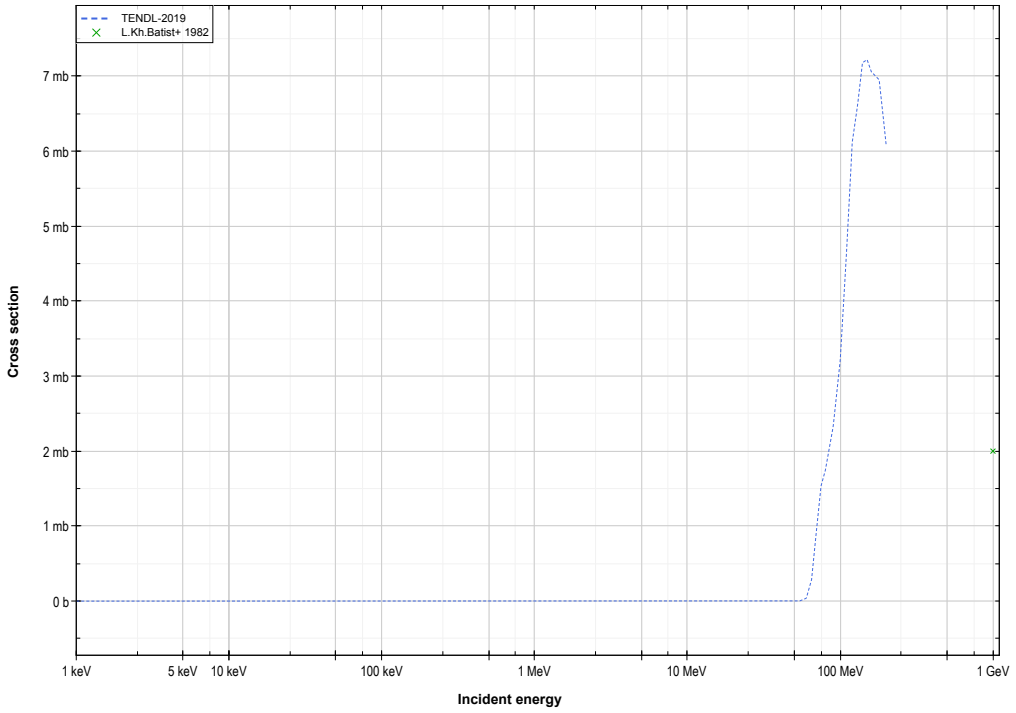
Reaction	Q-Value	Reaction	Q-Value
Ge70(p,d+α)Zn65	-12921.57 keV	Ge70(p,n+p+2d)Zn65	-38992.66 keV
Ge70(p,n+p+α)Zn65	-15146.13 keV	Ge70(p,2n+2p+d)Zn65	-41217.23 keV
Ge70(p,t+He3)Zn65	-27241.96 keV	Ge70(p,3n+3p)Zn65	-43441.79 keV
Ge70(p,p+d+t)Zn65	-32735.43 keV		
Ge70(p,n+d+He3)Zn65	-33499.19 keV		
Ge70(p,n+2p+t)Zn65	-34960.00 keV		
Ge70(p,2n+p+He3)Zn65	-35723.75 keV		
Ge70(p,3d)Zn65	-36768.09 keV		

<< 27-Co-59	**32-Ge-70**	39-Y-89 >>
<< MT187 (p,n+d+^{3}He)	**MT196 (p,4n+p+α) or MT5 (Zn62 production)**	32-Ge-72 MT4 (p,n) >>

Ge70 (p,4n+p+α) or Zn62 production log-log



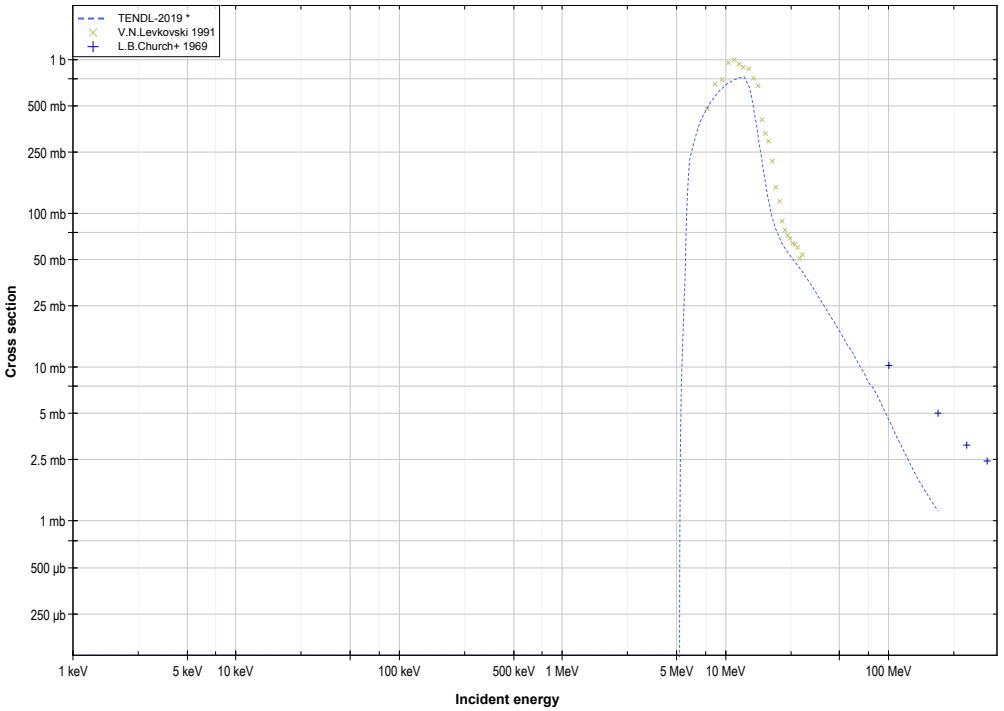
Ge70 (p,4n+p+α) or Zn62 production lin-log



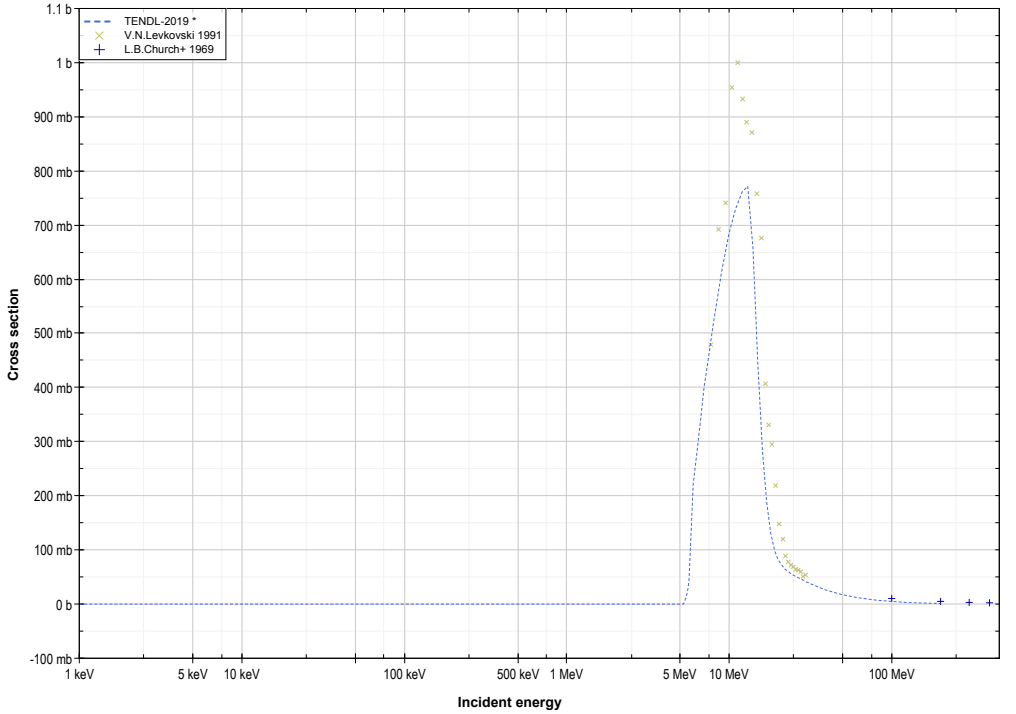
Reaction	Q-Value	Reaction	Q-Value
Ge70(p,2n+t+α)Zn62	-35622.29 keV	Ge70(p,3n+p+d+t)Zn62	-61693.38 keV
Ge70(p,3n+d+α)Zn62	-41879.52 keV	Ge70(p,4n+d+He3)Zn62	-62457.14 keV
Ge70(p,4n+p+α)Zn62	-44104.08 keV	Ge70(p,4n+2p+t)Zn62	-63917.95 keV
Ge70(p,3t)Zn62	-46954.36 keV	Ge70(p,5n+p+He3)Zn62	-64681.70 keV
Ge70(p,n+d+2t)Zn62	-53211.59 keV	Ge70(p,3n+3d)Zn62	-65726.05 keV
Ge70(p,2n+p+2t)Zn62	-55436.15 keV	Ge70(p,4n+p+2d)Zn62	-67950.61 keV
Ge70(p,3n+t+He3)Zn62	-56199.91 keV	Ge70(p,5n+2p+d)Zn62	-70175.18 keV
Ge70(p,2n+2d+t)Zn62	-59468.82 keV	Ge70(p,6n+3p)Zn62	-72399.74 keV

<< 32-Ge-70	**32-Ge-72**	32-Ge-74 >>
<< 32-Ge-70 MT196 (p,4n+p+α)	**MT4 (p,n) or MT5 (As72 production)**	MT16 (p,2n) >>

Ge72 (p,n) or As72 production log-log



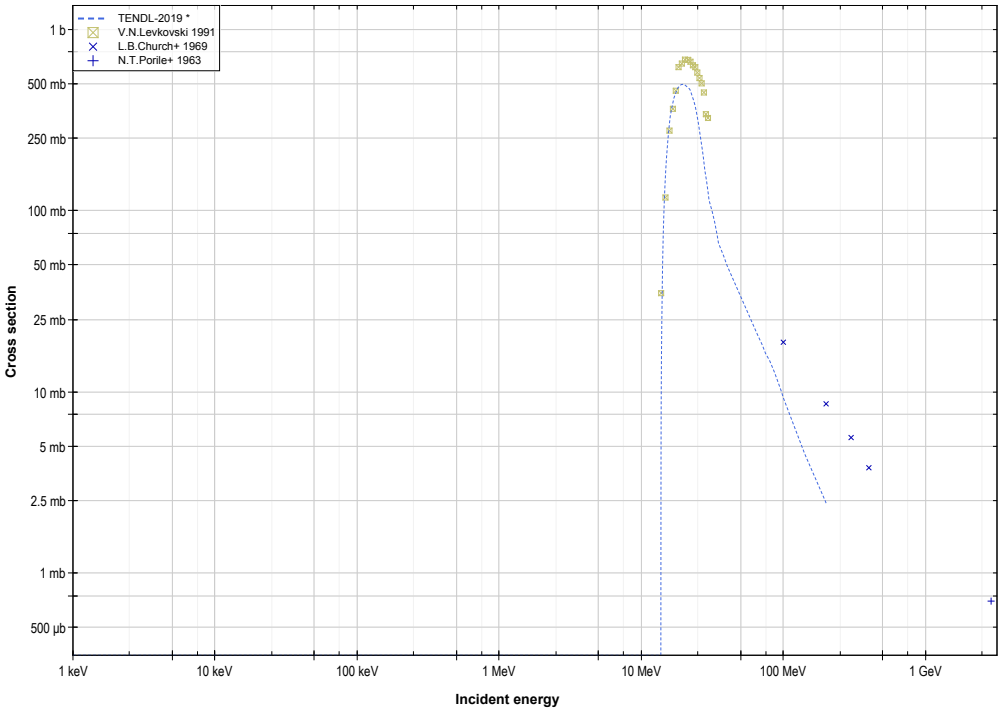
Ge72 (p,n) or As72 production lin-log



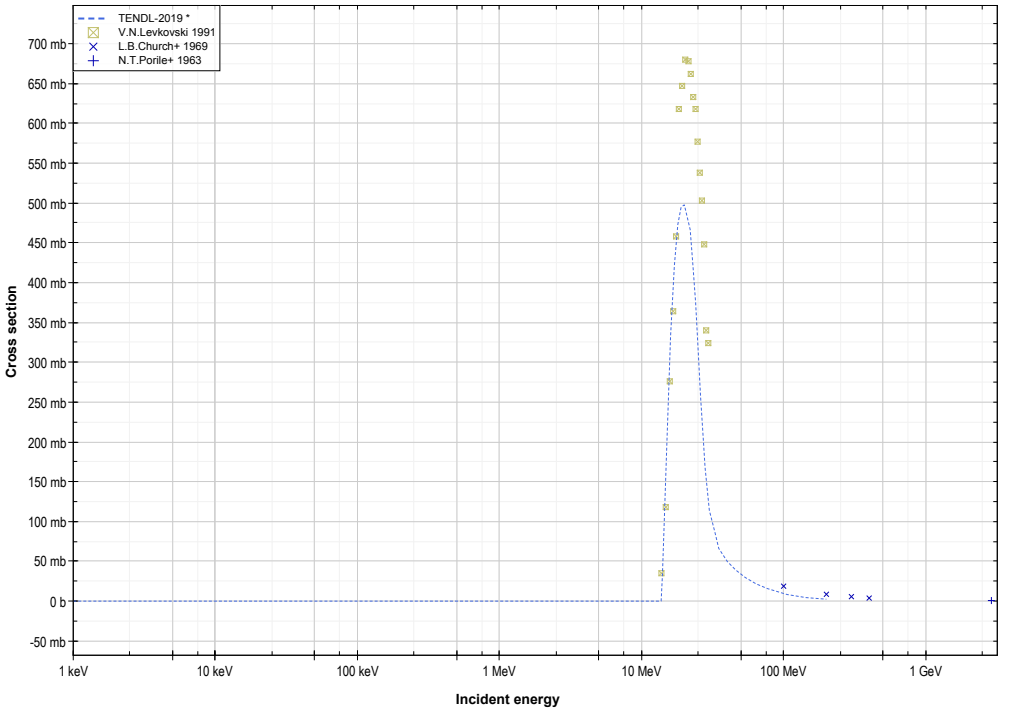
Reaction	Q-Value
Ge72(p,n)As72	-5138.25 keV

<< 32-Ge-70	**32-Ge-72**	32-Ge-73 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (As71 production)**	MT17 (p,3n) >>

Ge72 (p,2n) or As71 production log-log



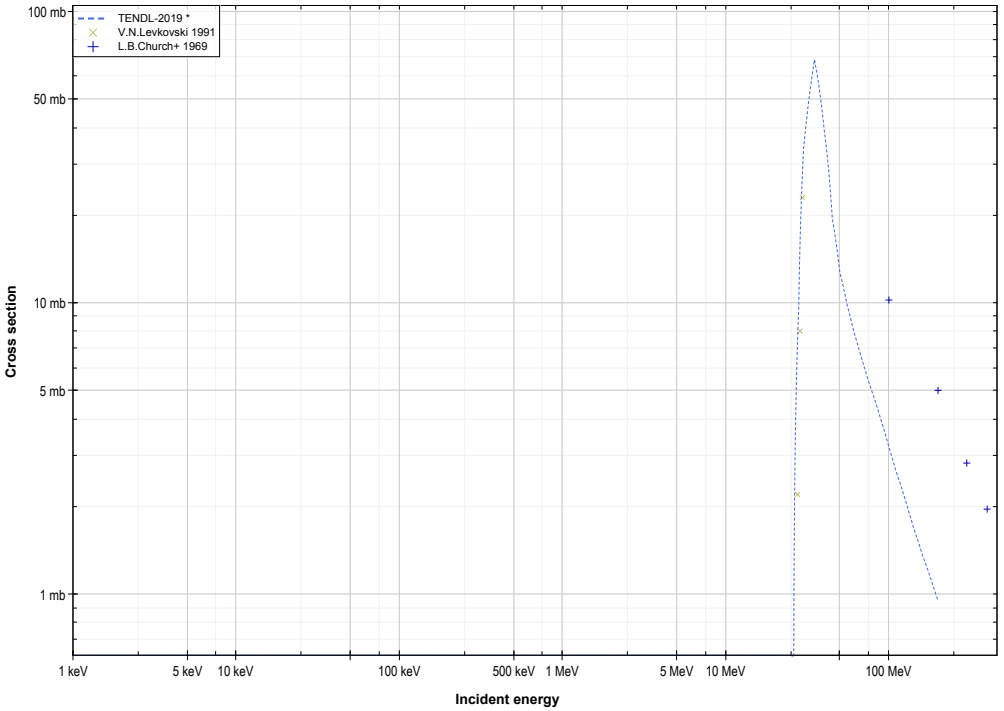
Ge72 (p,2n) or As71 production lin-log



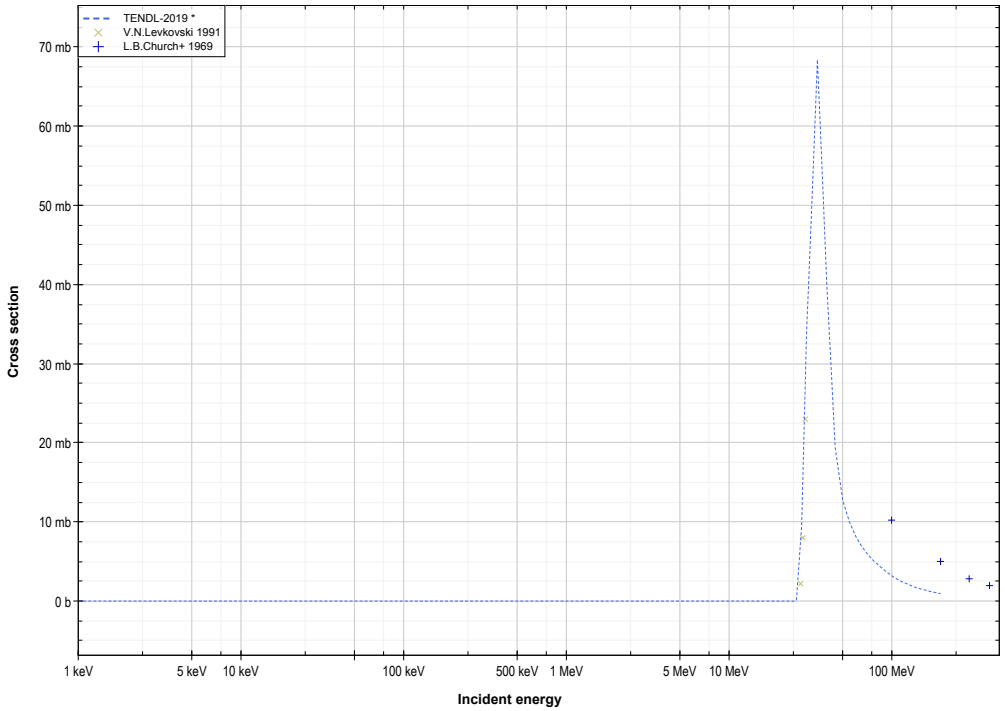
Reaction	Q-Value
Ge72(p,2n)As71	-13546.56 keV

<< 31-Ga-71	**32-Ge-72**	32-Ge-73 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (As70 production)**	MT22 (p,n+α) >>

Ge72 (p,3n) or As70 production log-log



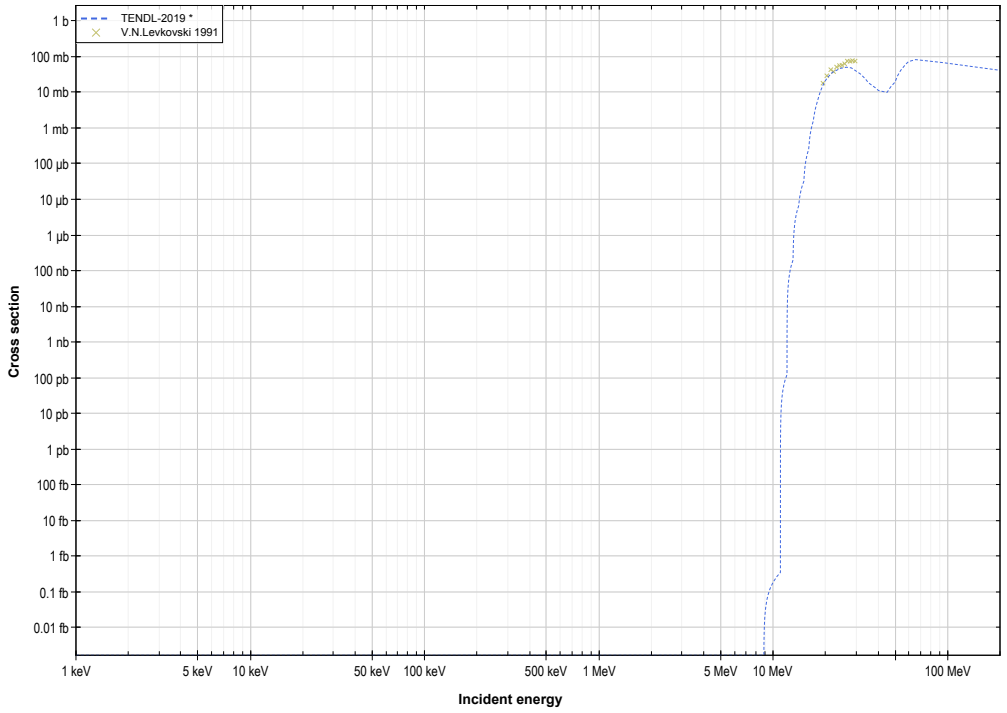
Ge72 (p,3n) or As70 production lin-log



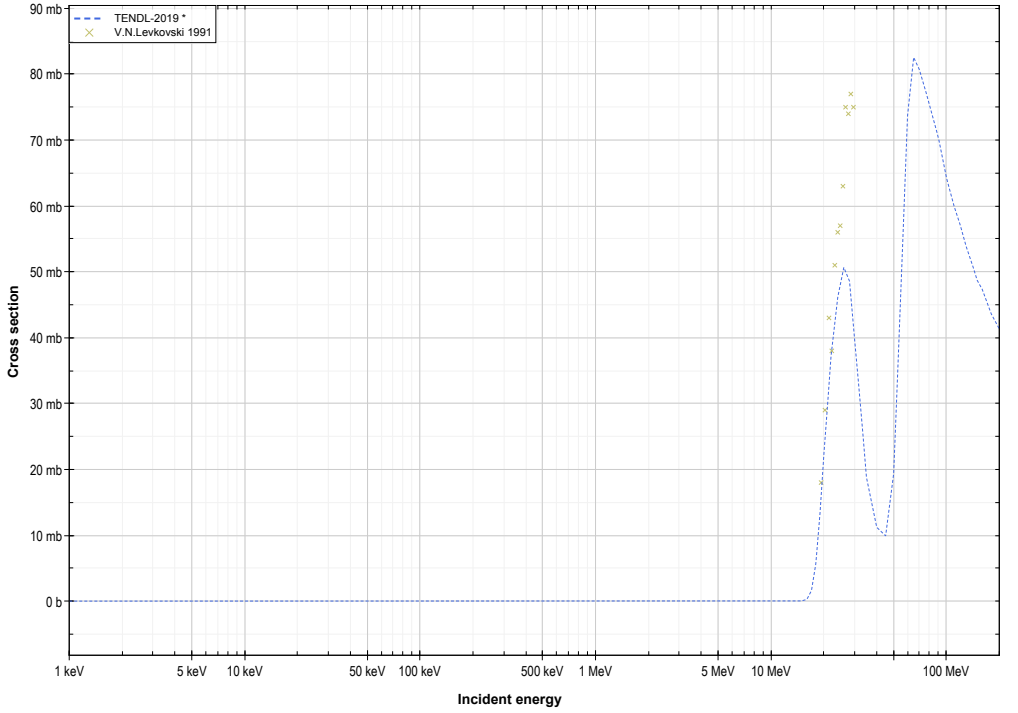
Reaction	Q-Value
Ge72(p,3n)As70	-25170.88 keV

<< 32-Ge-70	**32-Ge-72**	32-Ge-76 >>
<< MT17 (p,3n)	**MT22 (p,n+α) or MT5 (Ga68 production)**	MT28 (p,n+p) >>

Ge72 (p,n+α) or Ga68 production log-log



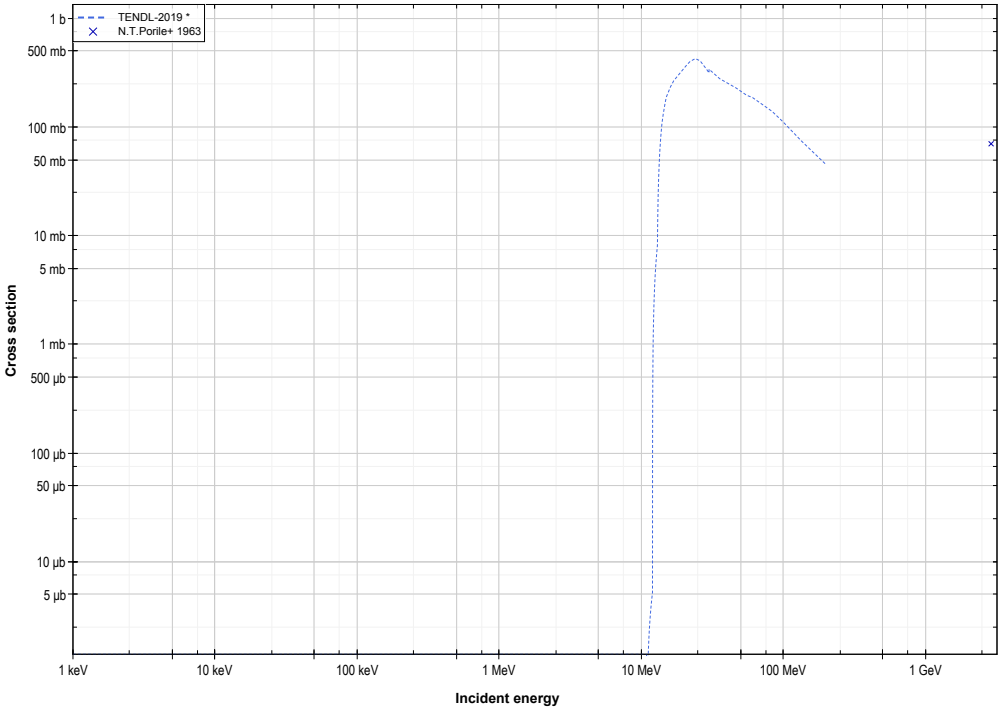
Ge72 (p,n+α) or Ga68 production lin-log



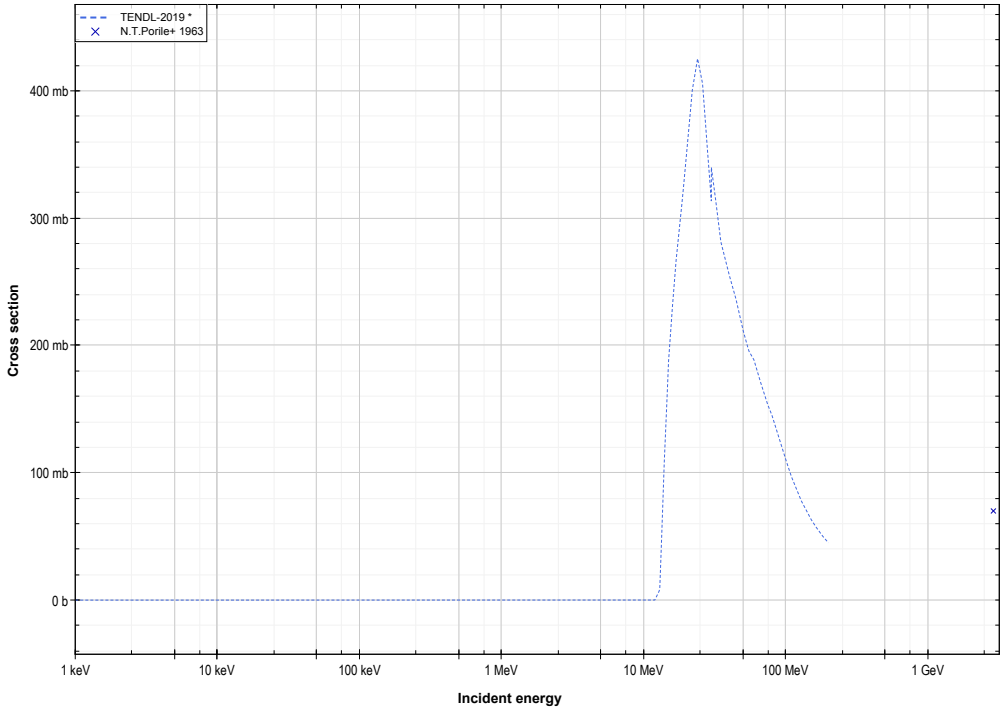
Reaction	Q-Value
Ge72(p,n+α)Ga68	-8707.16 keV
Ge72(p,d+t)Ga68	-26296.46 keV
Ge72(p,n+p+t)Ga68	-28521.03 keV
Ge72(p,2n+He3)Ga68	-29284.78 keV
Ge72(p,n+2d)Ga68	-32553.69 keV
Ge72(p,2n+p+d)Ga68	-34778.26 keV
Ge72(p,3n+2p)Ga68	-37002.82 keV

<< 32-Ge-70	**32-Ge-72**	32-Ge-76 >>
<< MT22 (p,n+α)	**MT28 (p,n+p) or MT5 (Ge71 production)**	MT176 (p,2n+³He) >>

Ge72 (p,n+p) or Ge71 production log-log



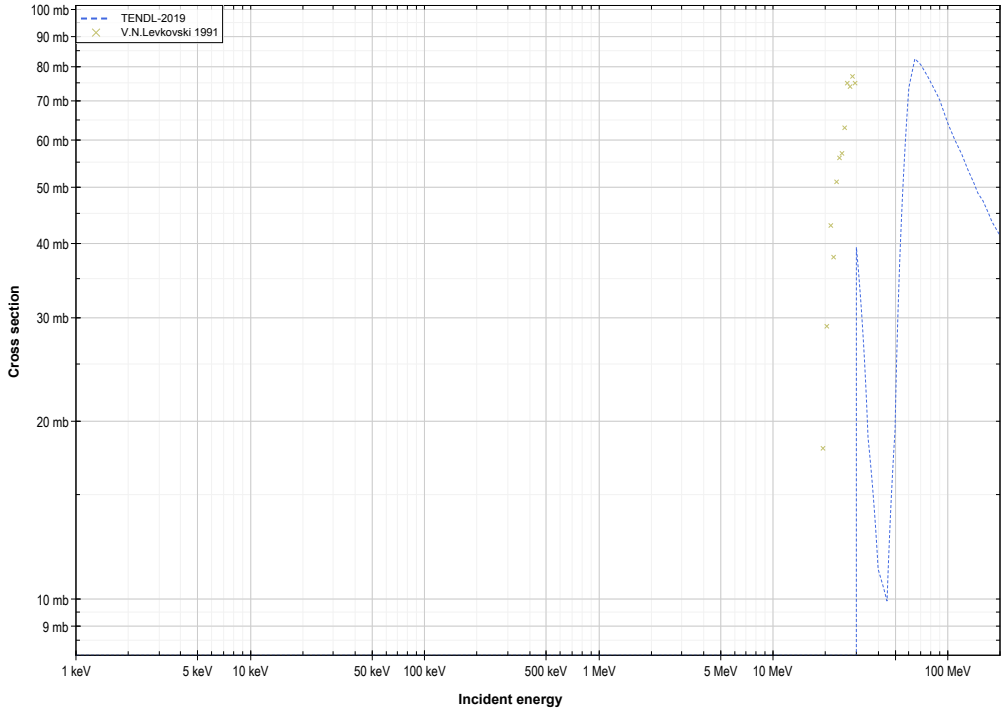
Ge72 (p,n+p) or Ge71 production lin-log



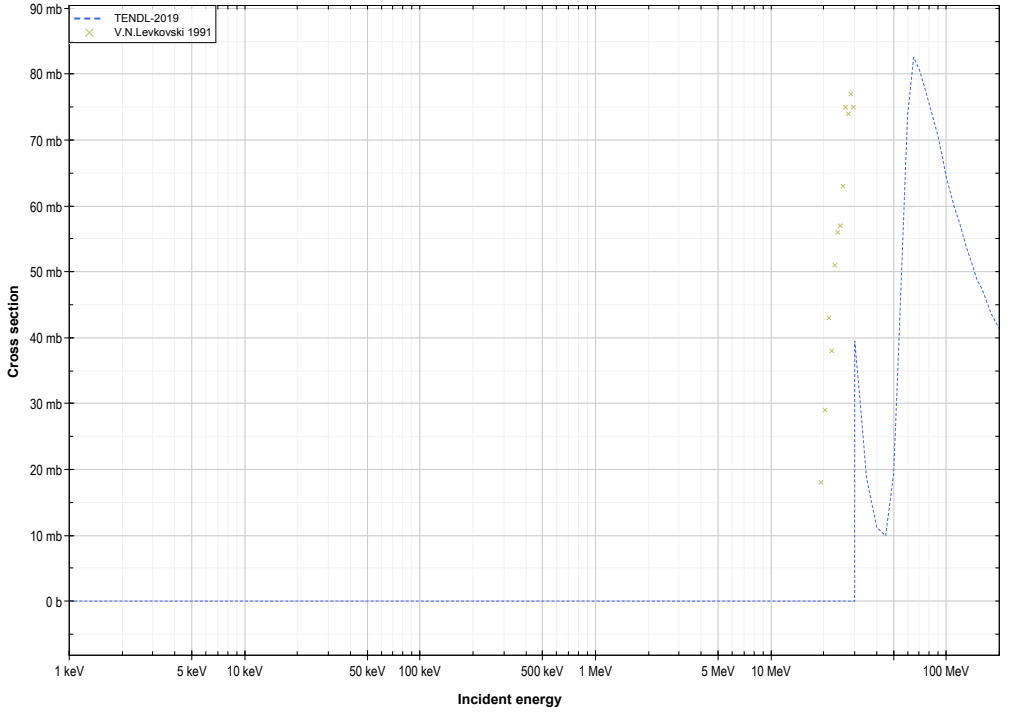
Reaction	Q-Value
Ge72(p,d)Ge71	-8526.15 keV
Ge72(p,n+p)Ge71	-10750.72 keV

<< 32-Ge-70	**32-Ge-72**	32-Ge-76 >>
<< MT28 (p,n+p)	**MT176 (p,2n+³He) or MT5 (Ga68 production)**	MT179 (p,3n+2p) >>

Ge72 (p,2n+³He) or Ga68 production log-log



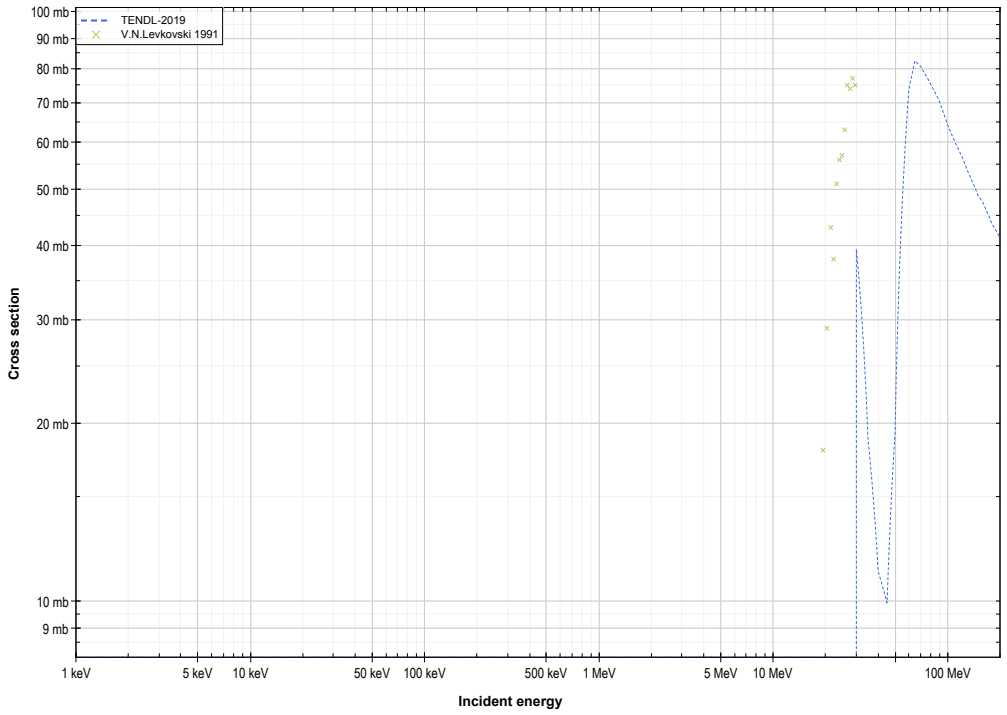
Ge72 (p,2n+³He) or Ga68 production lin-log



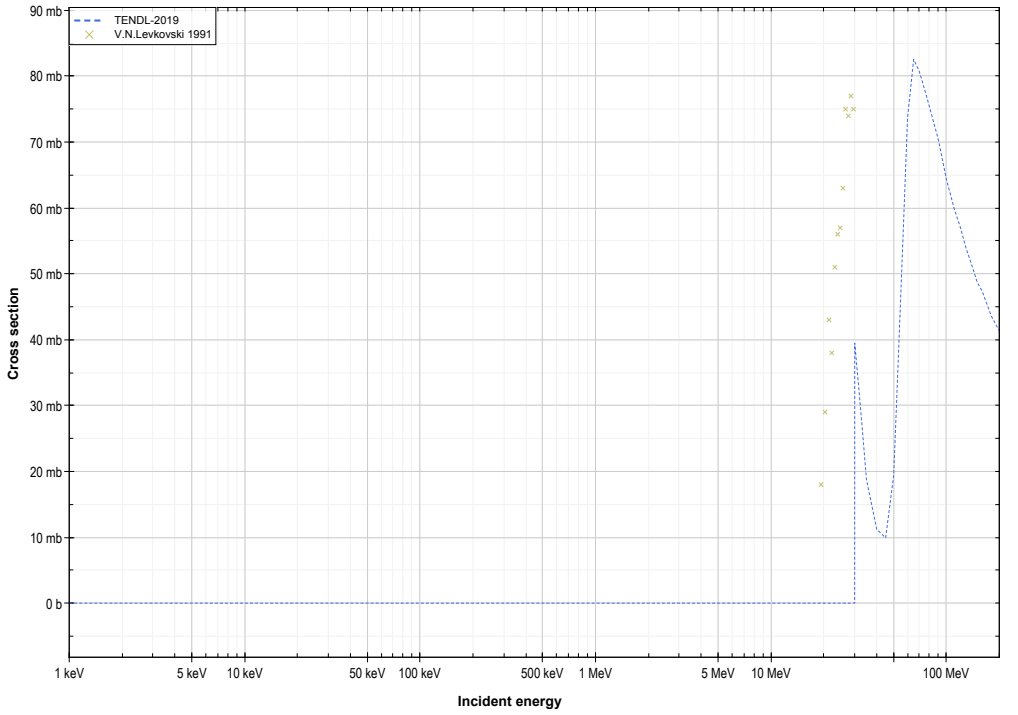
Reaction	Q-Value
Ge72(p,n+α)Ga68	-8707.16 keV
Ge72(p,d+t)Ga68	-26296.46 keV
Ge72(p,n+p+t)Ga68	-28521.03 keV
Ge72(p,2n+He3)Ga68	-29284.78 keV
Ge72(p,n+2d)Ga68	-32553.69 keV
Ge72(p,2n+p+d)Ga68	-34778.26 keV
Ge72(p,3n+2p)Ga68	-37002.82 keV

<< 32-Ge-70	**32-Ge-72**	32-Ge-76 >>
<< MT176 (p,2n+^{3}He)	**MT179 (p,3n+2p) or MT5 (Ga68 production)**	MT182 (p,d+t) >>

Ge72 (p,3n+2p) or Ga68 production log-log



Ge72 (p,3n+2p) or Ga68 production lin-log



Reaction	Q-Value
Ge72(p,n+α)Ga68	-8707.16 keV
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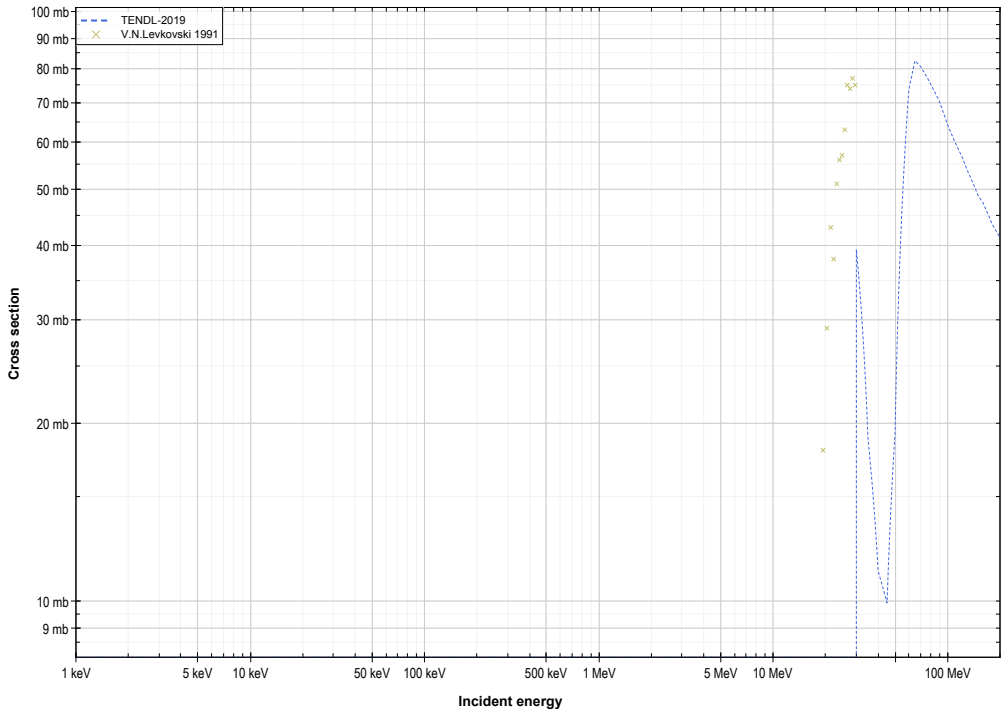
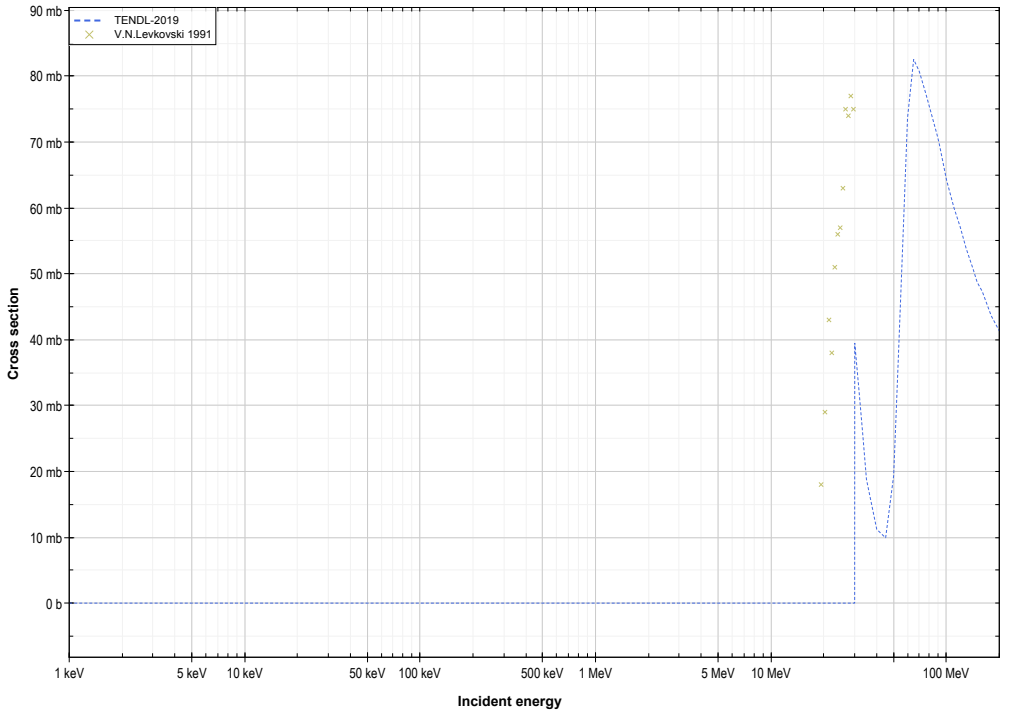
Ge72(p,2n+p+d)Ga68	-34778.26 keV
Ge72(p,3n+2p)Ga68	-37002.82 keV

<< 32-Ge-70	**32-Ge-72**	32-Ge-76 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Ga68 production)**	MT184 (p,n+p+t) >>

Ge72 (p,d+t) or Ga68 production log-log



Ge72 (p,d+t) or Ga68 production lin-log



Reaction	Q-Value
Ge72(p,n+α)Ga68	-8707.16 keV
Ge72(p,d+t)Ga68	-26296.46 keV
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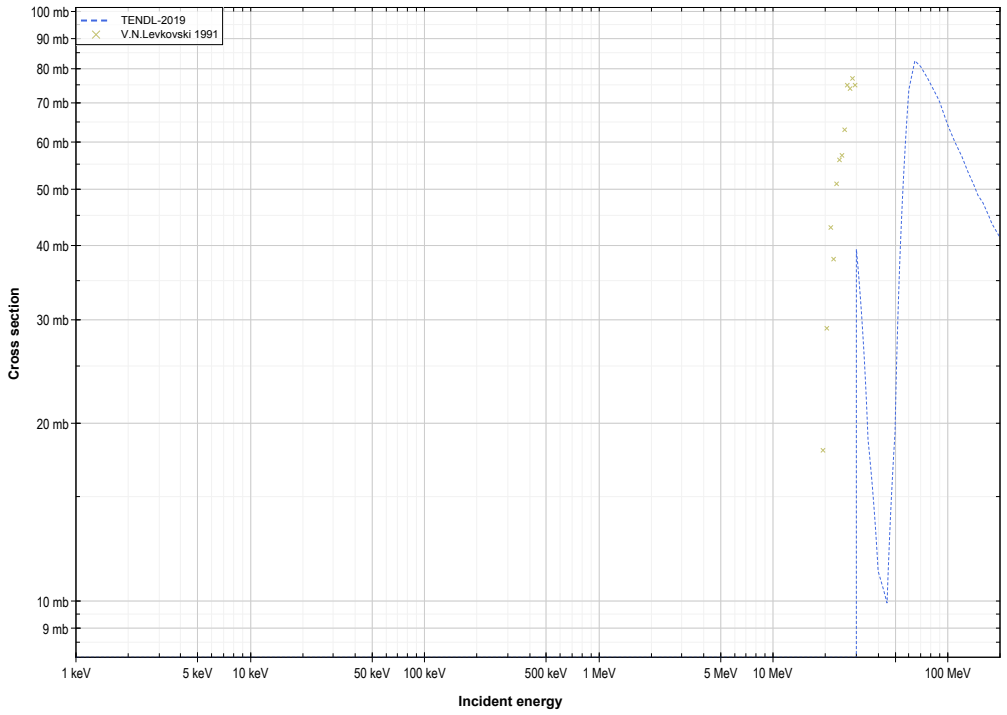
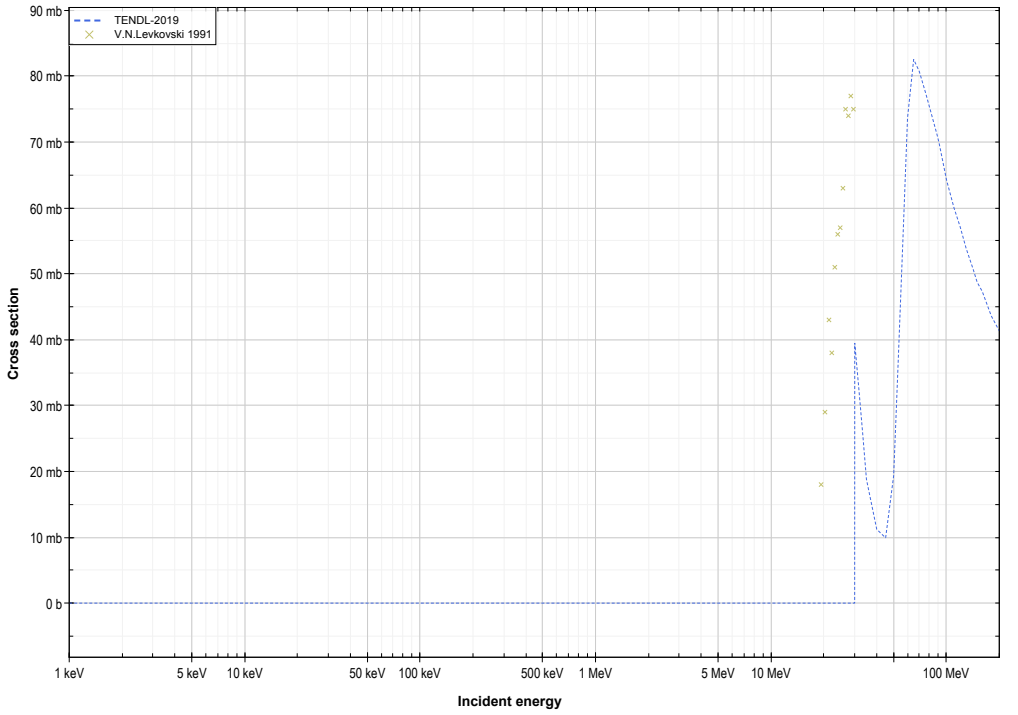
Ge72(p,2n+p+d)Ga68	-34778.26 keV
Ge72(p,3n+2p)Ga68	-37002.82 keV

<< 32-Ge-70	**32-Ge-72**	32-Ge-76 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Ga68 production)**	32-Ge-73 MT16 (p,2n) >>

Ge72 (p,n+p+t) or Ga68 production log-log



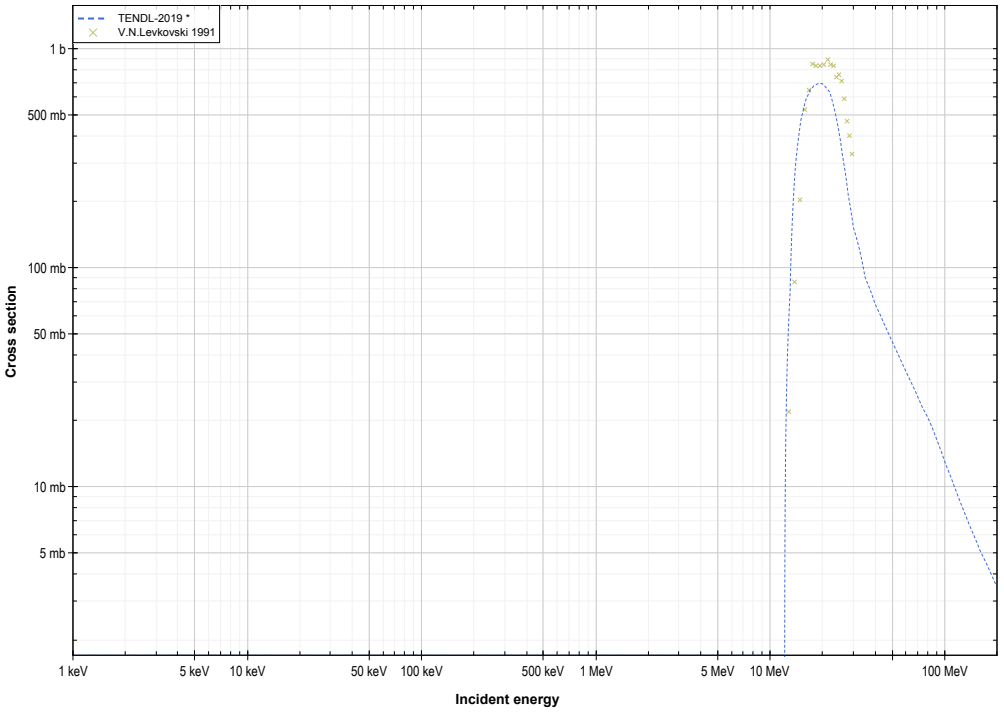
Ge72 (p,n+p+t) or Ga68 production lin-log



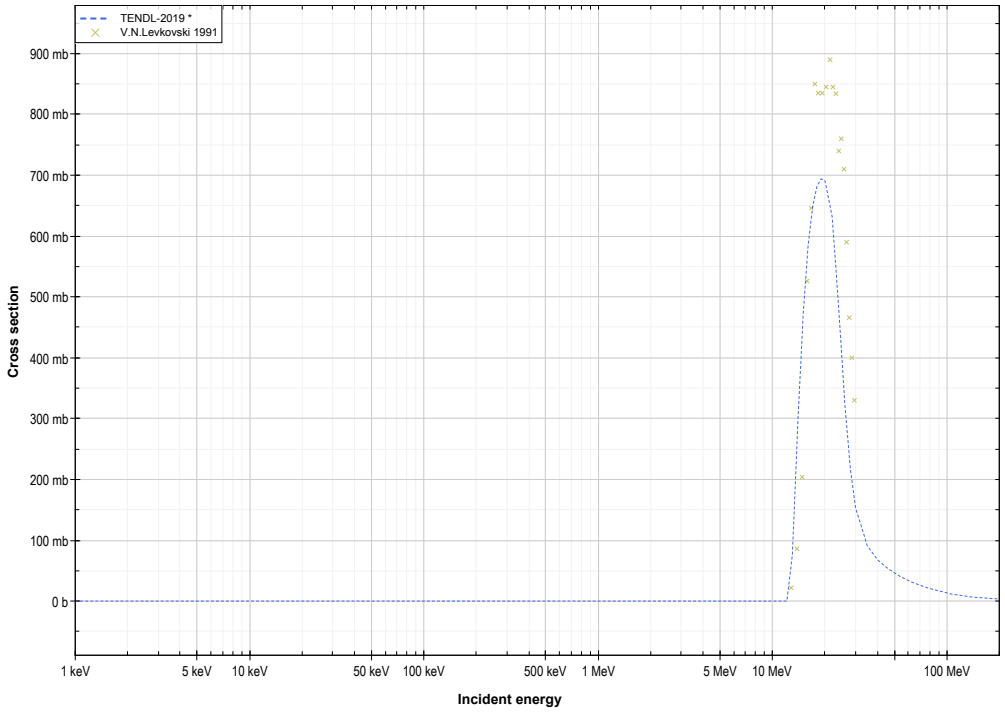
Reaction	Q-Value
Ge72(p,n+α)Ga68	-8707.16 keV
Ge72(p,d+t)Ga68	-26296.46 keV
Ge72(p,n+p+t)Ga68	-28521.03 keV
Ge72(p,2n+He3)Ga68	-29284.78 keV
Ge72(p,n+2d)Ga68	-32553.69 keV
Ge72(p,2n+p+d)Ga68	-34778.26 keV
Ge72(p,3n+2p)Ga68	-37002.82 keV

<< 32-Ge-72	**32-Ge-73**	32-Ge-76 >>
<< 32-Ge-72 MT184 (p,n+p+t)	**MT16 (p,2n) or MT5 (As72 production)**	MT17 (p,3n) >>

Ge73 (p,2n) or As72 production log-log



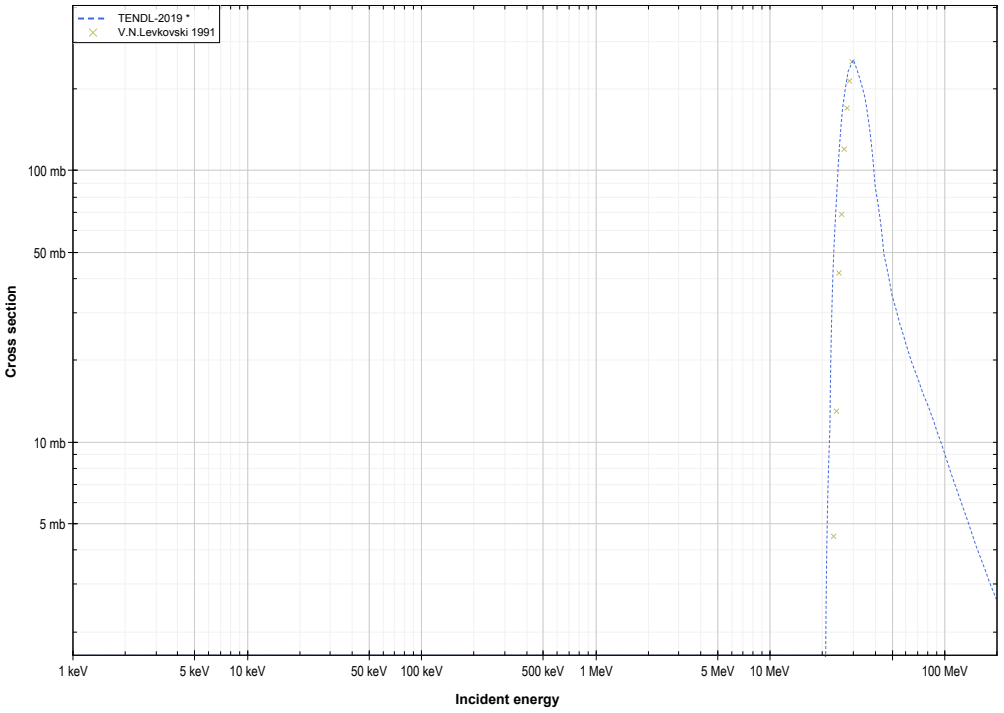
Ge73 (p,2n) or As72 production lin-log



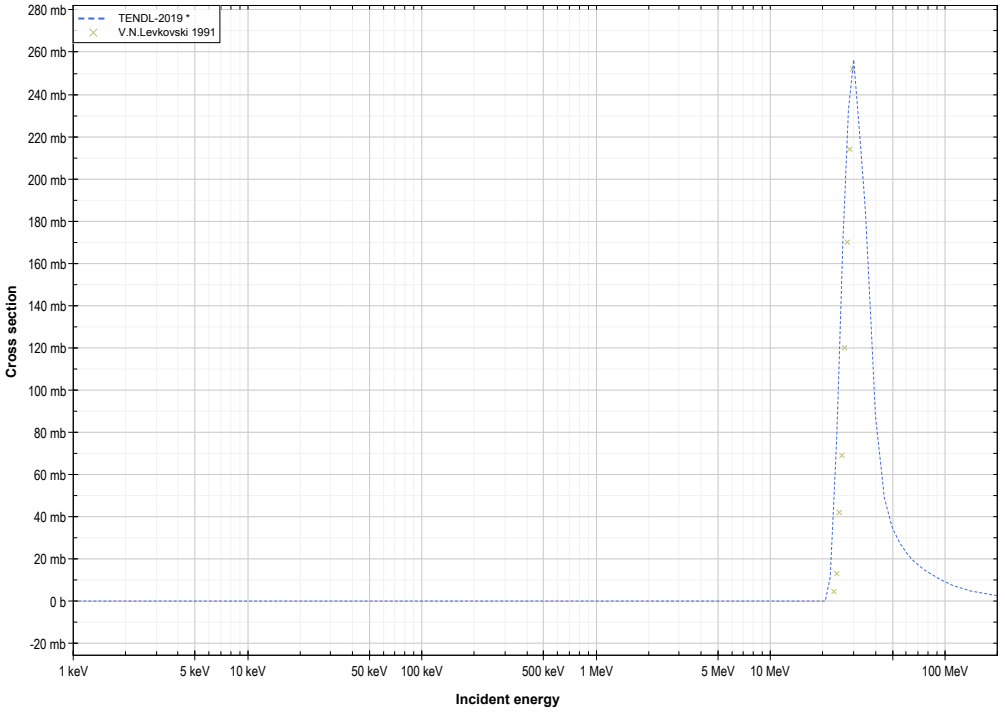
Reaction	Q-Value
Ge73(p,2n)As72	-11921.18 keV

<< 32-Ge-72	**32-Ge-73**	32-Ge-74 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (As71 production)**	32-Ge-74 MT4 (p,n) >>

Ge73 (p,3n) or As71 production log-log



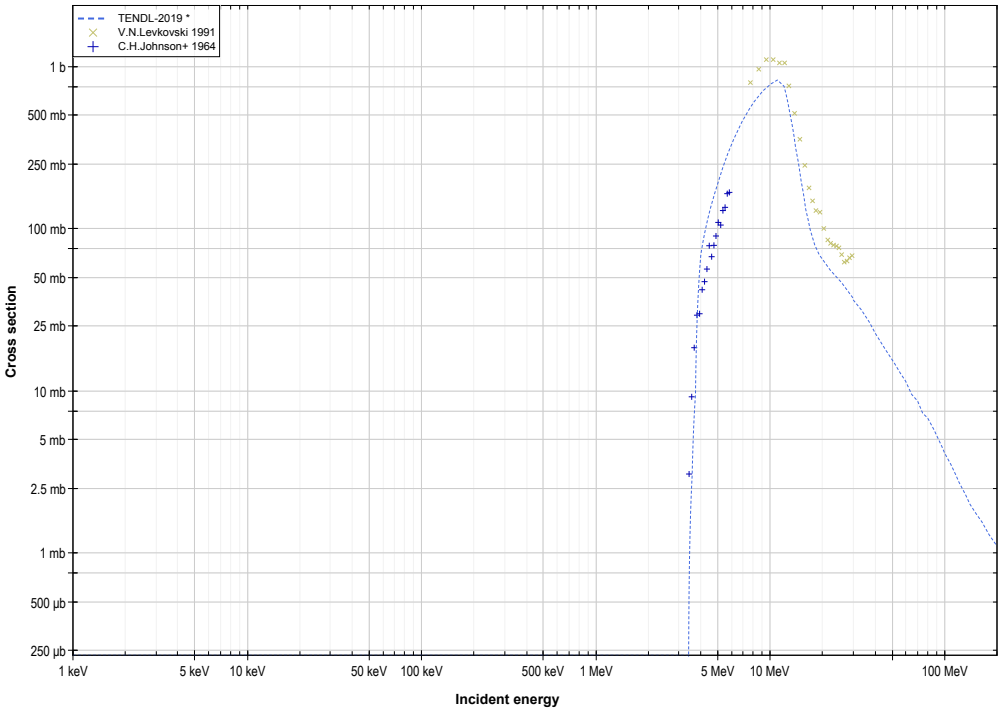
Ge73 (p,3n) or As71 production lin-log



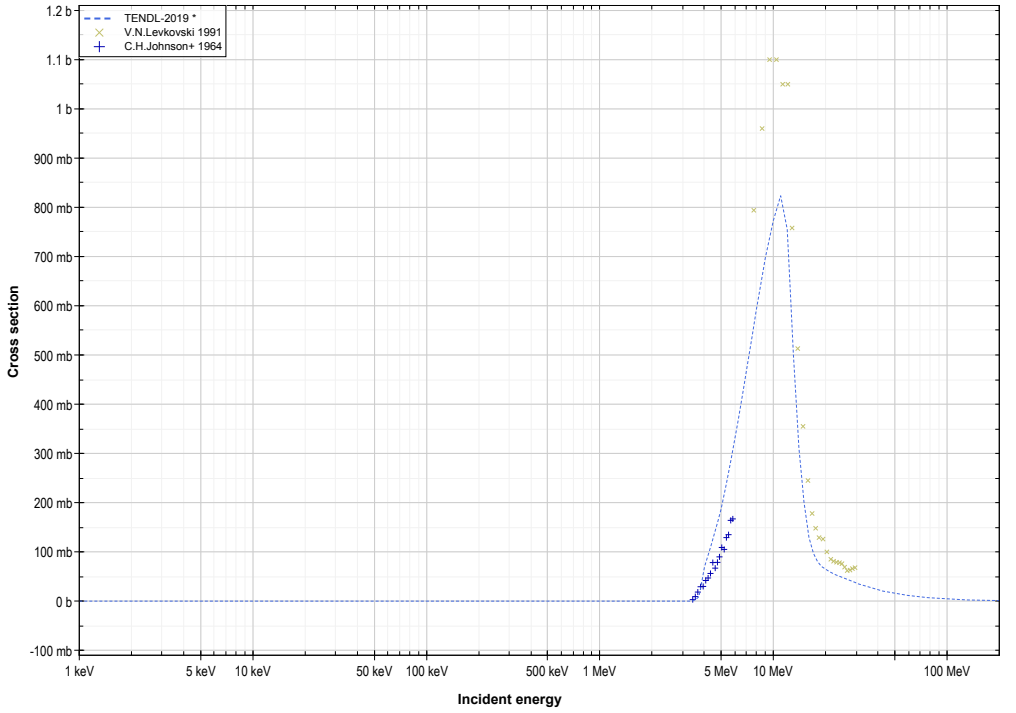
Reaction	Q-Value
Ge73(p,3n)As71	-20329.50 keV

<< 32-Ge-72	**32-Ge-74**	32-Ge-76 >>
<< 32-Ge-73 MT17 (p,3n)	**MT4 (p,n) or MT5 (As74 production)**	MT17 (p,3n) >>

Ge74 (p,n) or As74 production log-log



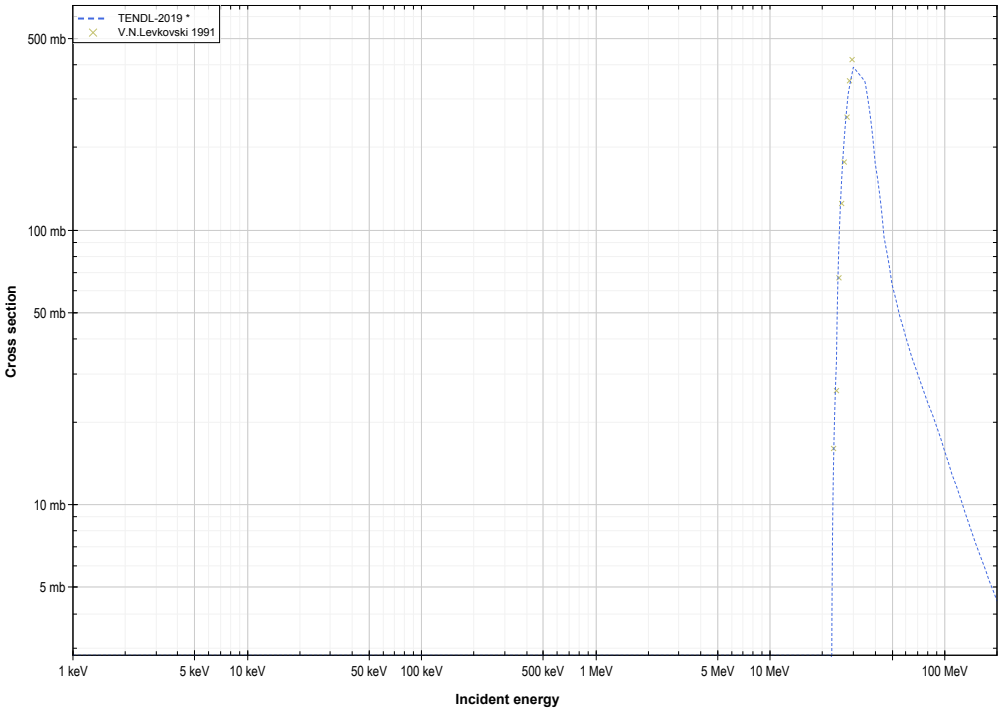
Ge74 (p,n) or As74 production lin-log



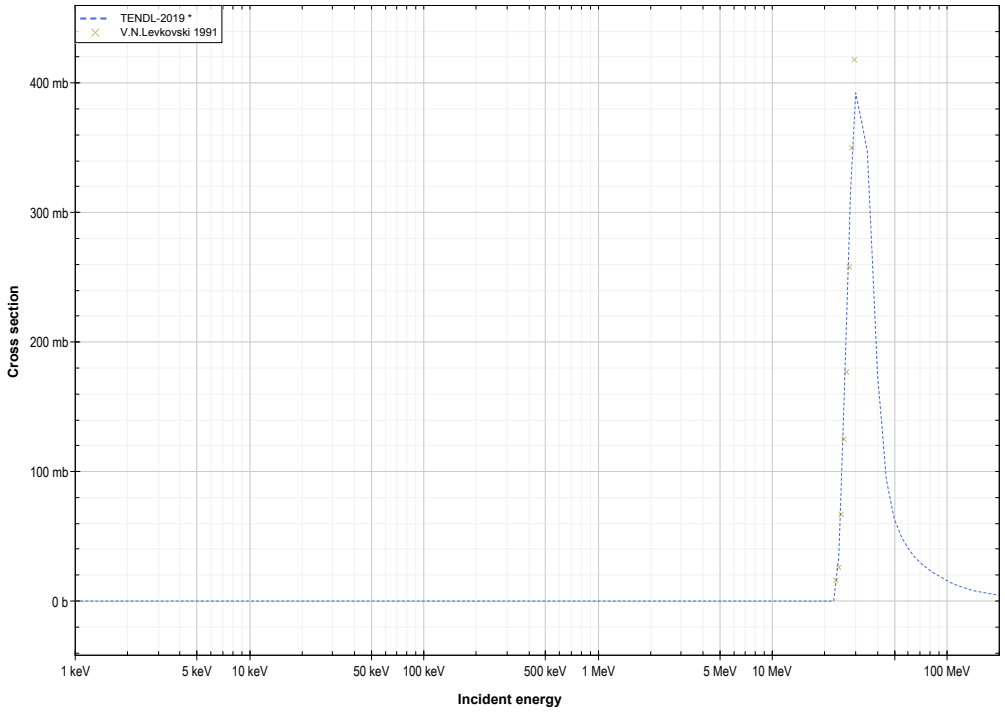
Reaction	Q-Value
Ge74(p,n)As74	-3344.69 keV

<< 32-Ge-73	**32-Ge-74**	32-Ge-76 >>
<< MT4 (p,n)	**MT17 (p,3n) or MT5 (As72 production)**	MT111 (p,2p) >>

Ge74 (p,3n) or As72 production log-log



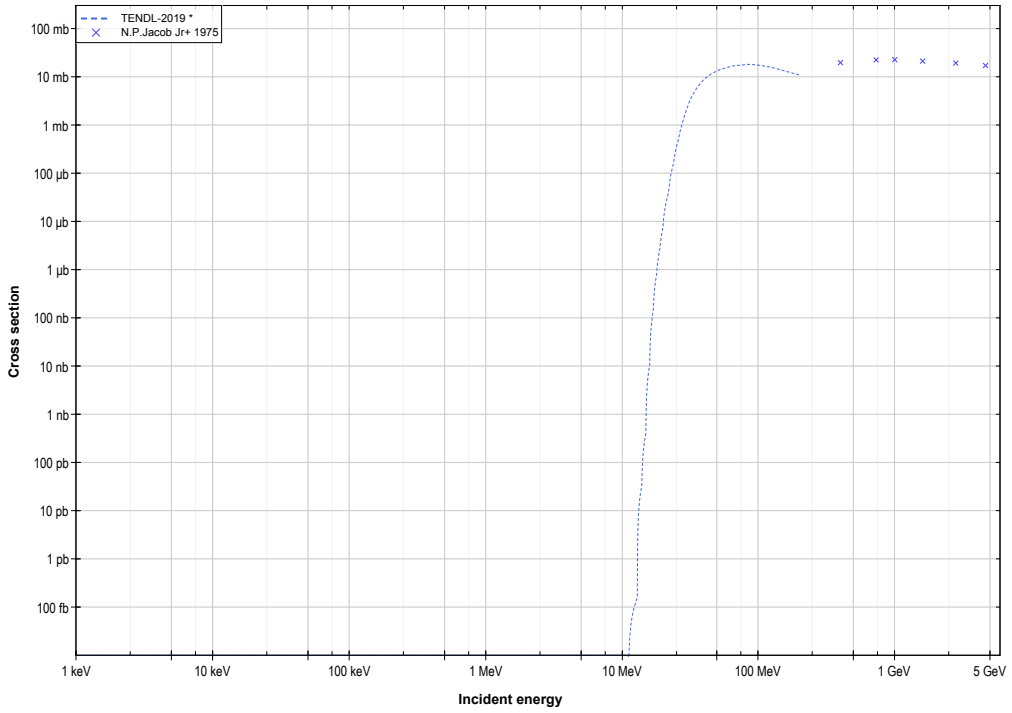
Ge74 (p,3n) or As72 production lin-log



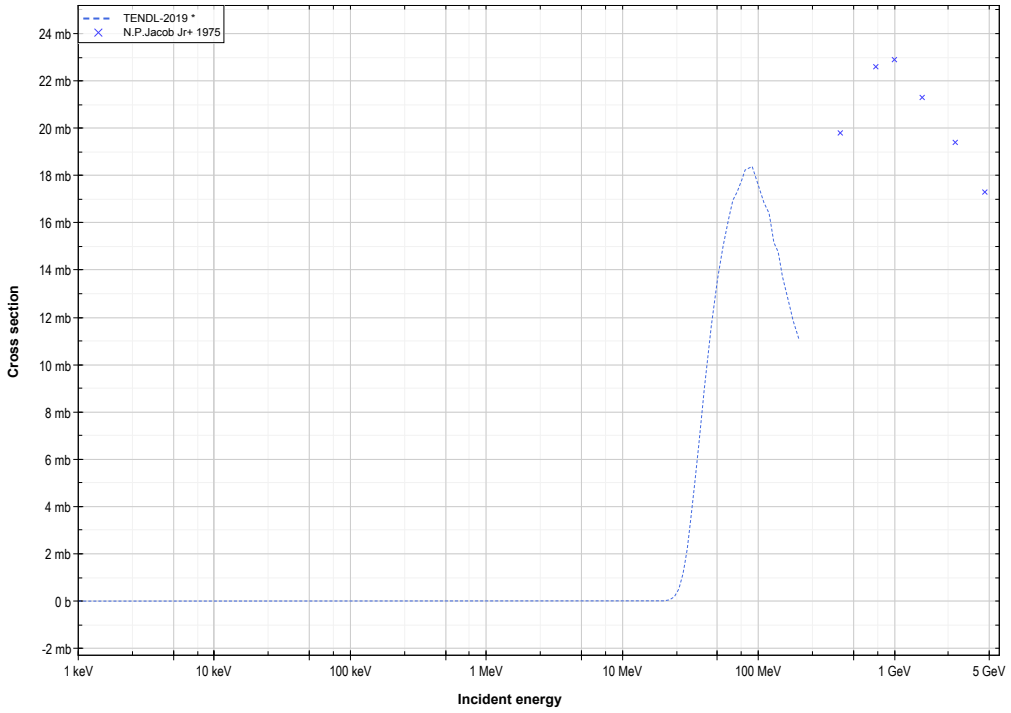
Reaction	Q-Value
Ge74(p,3n)As72	-22117.42 keV

<< 30-Zn-68	**32-Ge-74**	40-Zr-96 >>
<< MT17 (p,3n)	**MT111 (p,2p) or MT5 (Ga73 production)**	32-Ge-76 MT4 (p,n) >>

Ge74 (p,2p) or Ga73 production log-log



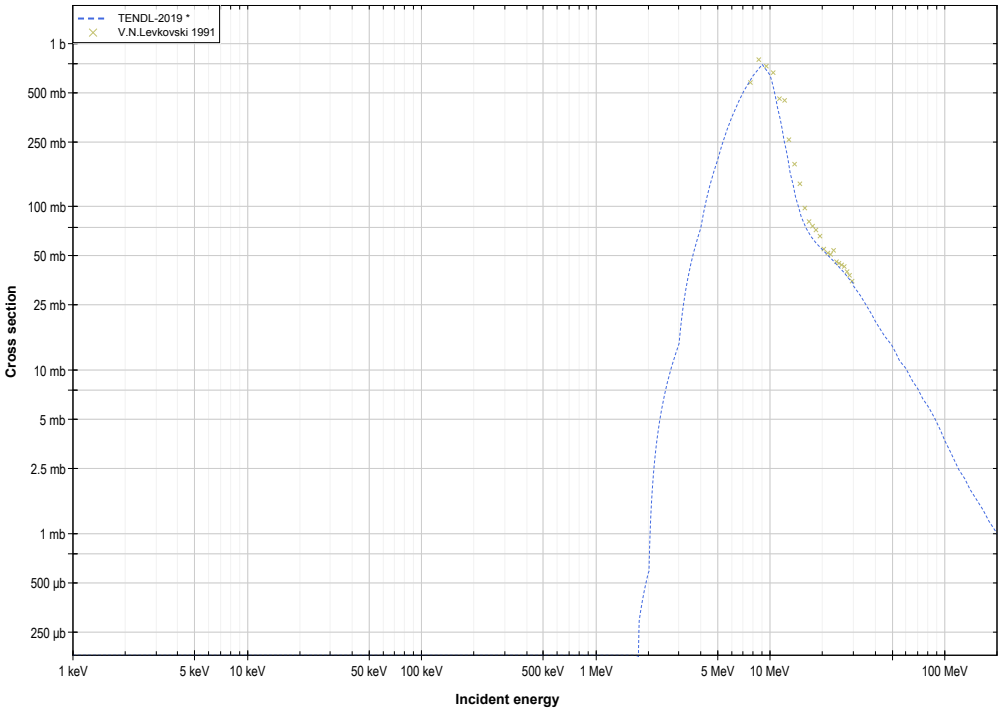
Ge74 (p,2p) or Ga73 production lin-log



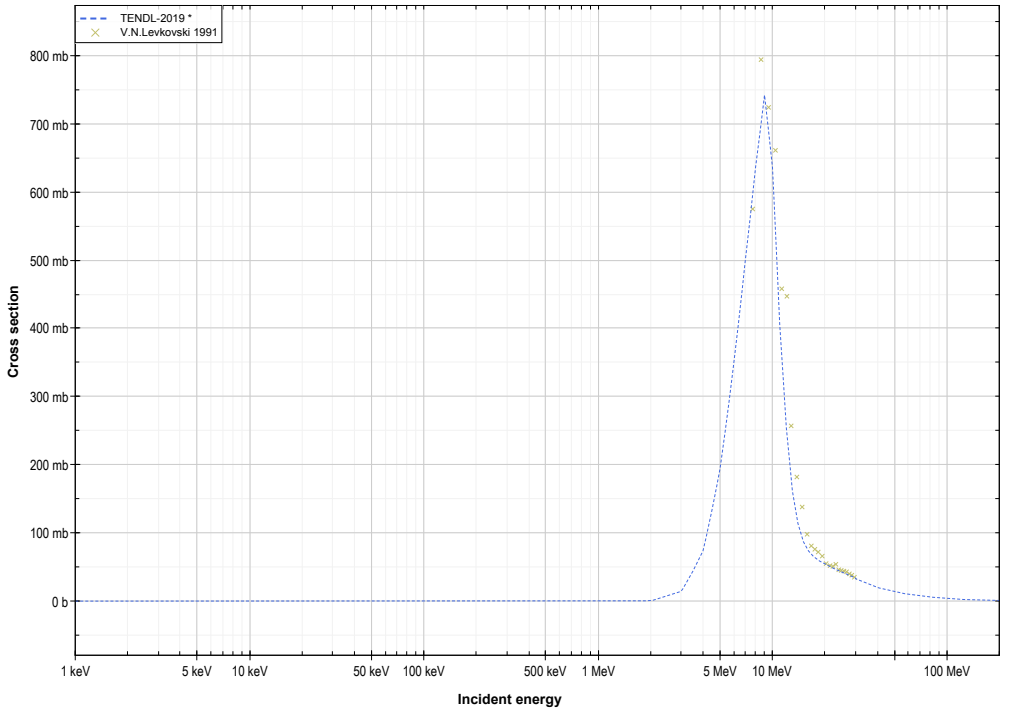
Reaction	Q-Value
Ge74(p,2p)Ga73	-11012.11 keV

<< 32-Ge-74	**32-Ge-76**	33-As-75 >>
<< 32-Ge-74 MT111 (p,2p)	**MT4 (p,n) or MT5 (As76 production)**	MT16 (p,2n) >>

Ge76 (p,n) or As76 production log-log



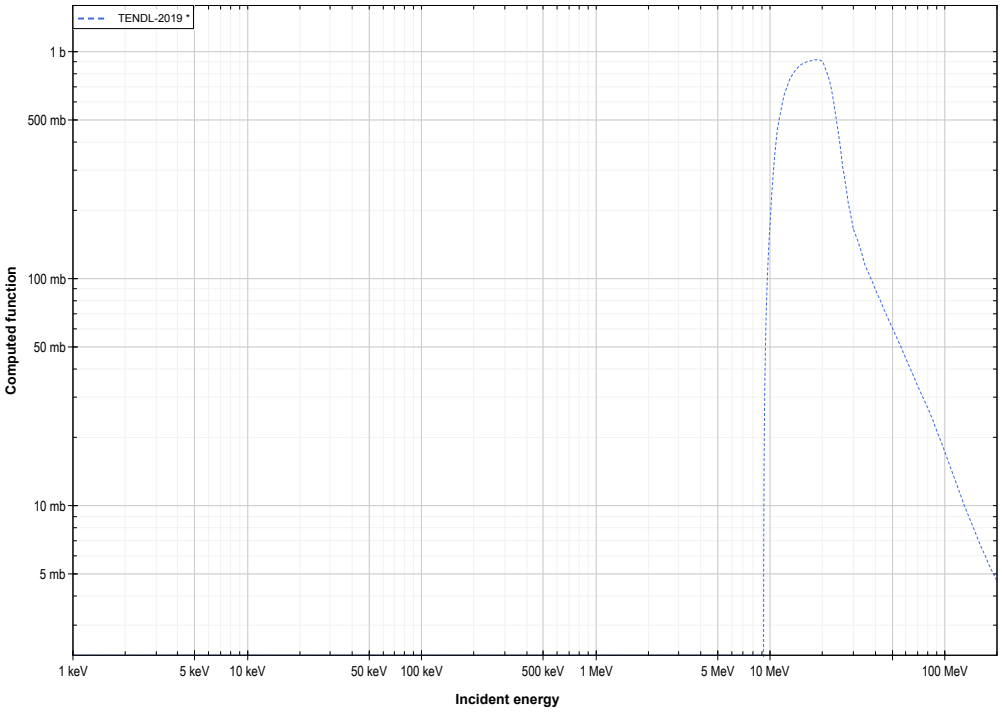
Ge76 (p,n) or As76 production lin-log



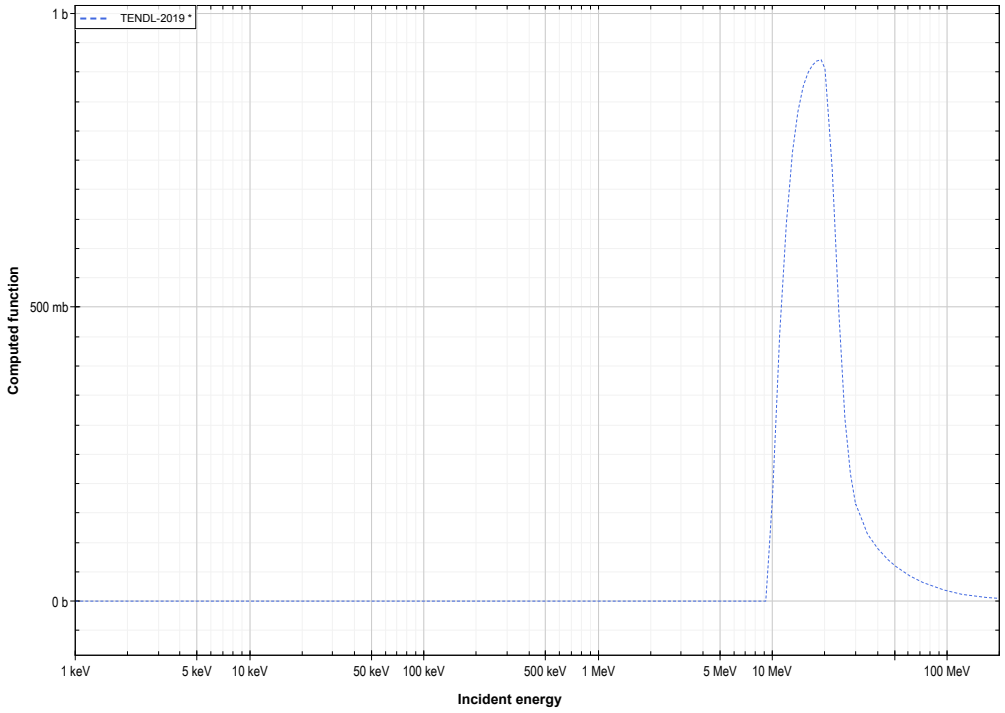
Reaction	Q-Value
Ge76(p,n)As76	-1703.84 keV

<< 32-Ge-73	**32-Ge-76**	34-Se-76 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (As75 production)**	MT17 (p,3n) >>

Ge76 (p,2n) or As75 production log-log



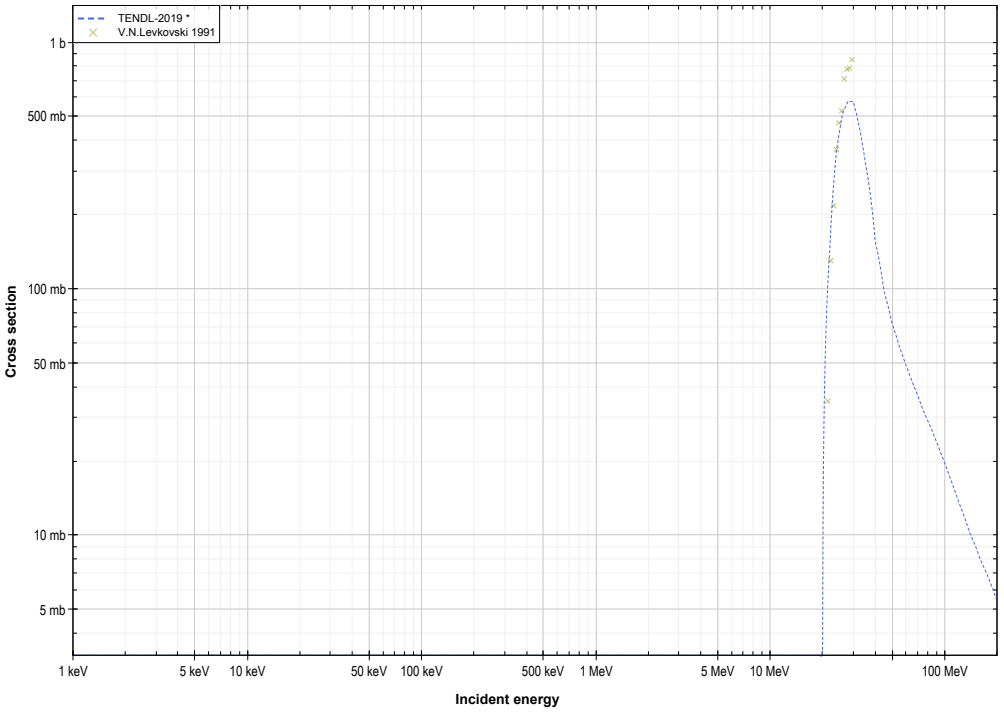
Ge76 (p,2n) or As75 production lin-log



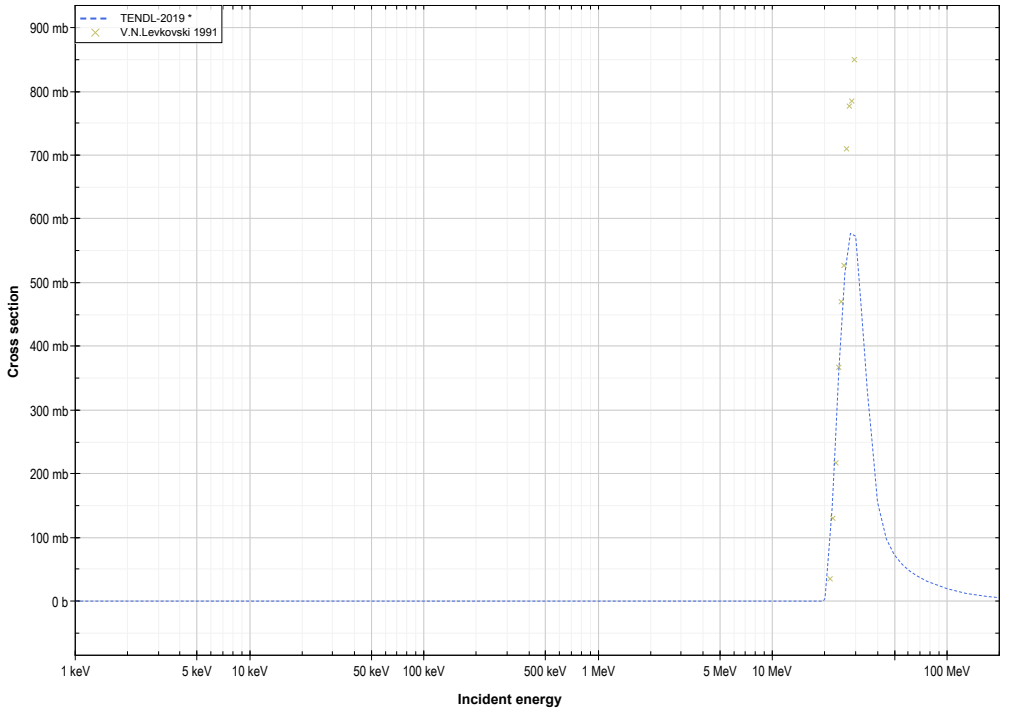
Reaction	Q-Value
Ge76(p,2n)As75	-9032.35 keV

<< 32-Ge-74	**32-Ge-76**	33-As-75 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (As74 production)**	MT22 (p,n+α) >>

Ge76 (p,3n) or As74 production log-log



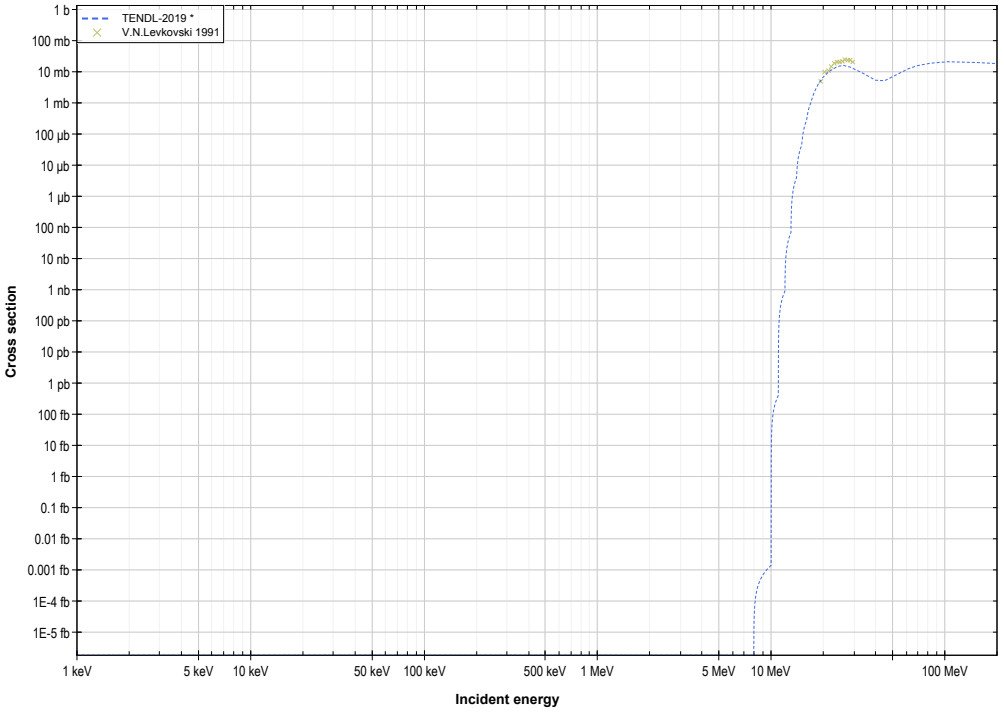
Ge76 (p,3n) or As74 production lin-log



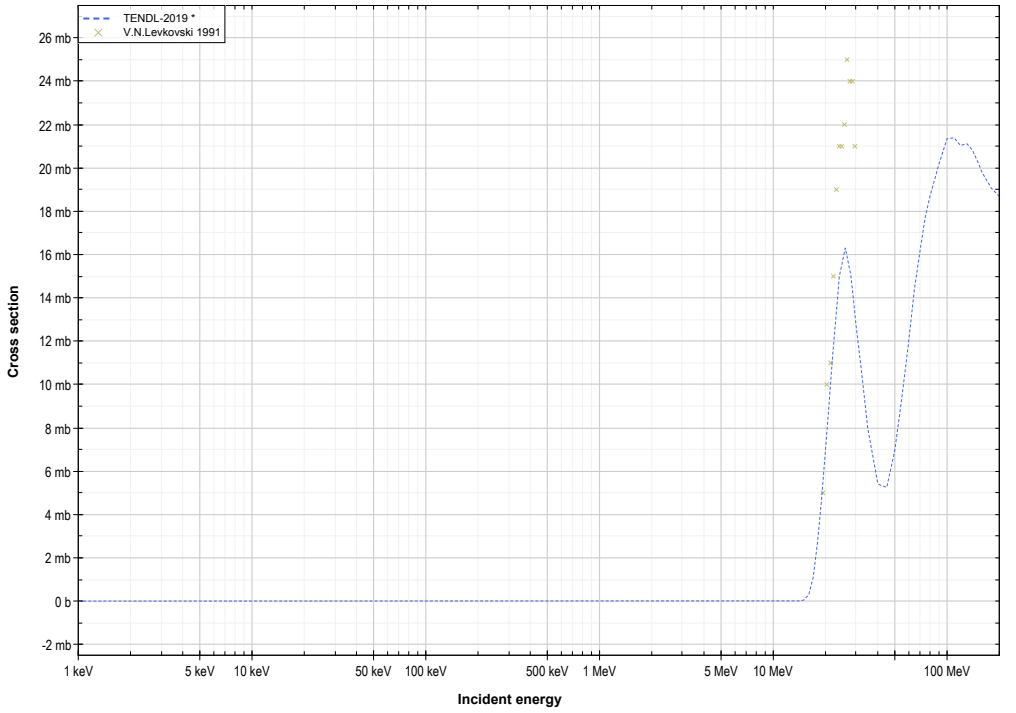
Reaction	Q-Value
Ge76(p,3n)As74	-19277.77 keV

<< 32-Ge-72	**32-Ge-76**	34-Se-74 >>
<< MT17 (p,3n)	**MT22 (p,n+α) or MT5 (Ga72 production)**	MT28 (p,n+p) >>

Ge76 (p,n+α) or Ga72 production log-log



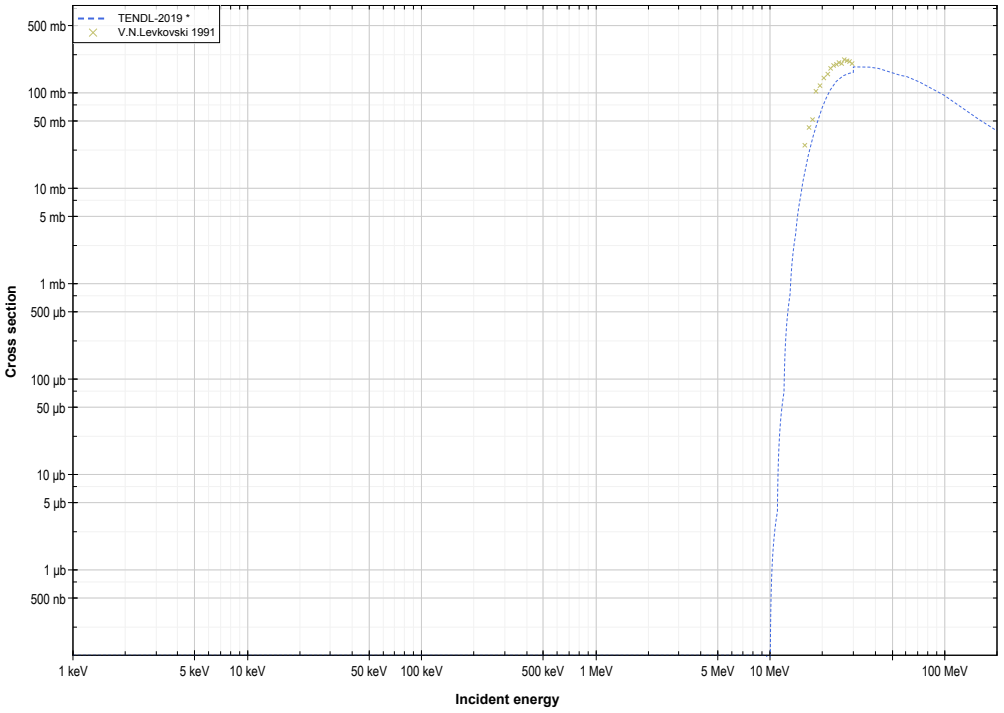
Ge76 (p,n+α) or Ga72 production lin-log



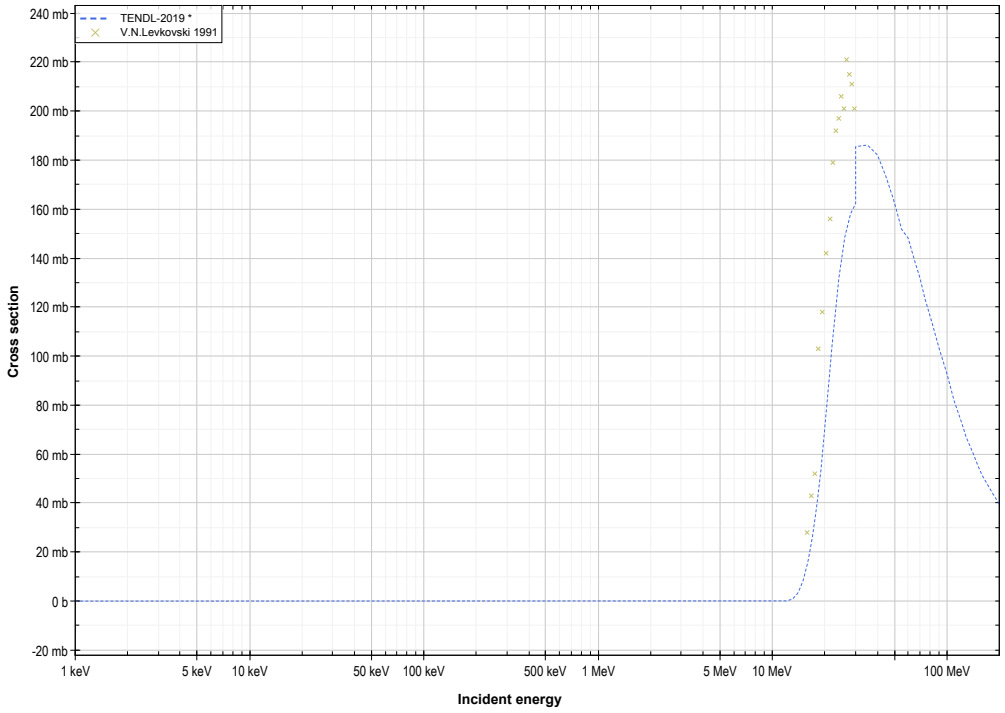
Reaction	Q-Value
Ge76(p,n+α)Ga72	-7831.85 keV
Ge76(p,d+t)Ga72	-25421.15 keV
Ge76(p,n+p+t)Ga72	-27645.72 keV
Ge76(p,2n+He3)Ga72	-28409.47 keV
Ge76(p,n+2d)Ga72	-31678.38 keV
Ge76(p,2n+p+d)Ga72	-33902.94 keV
Ge76(p,3n+2p)Ga72	-36127.51 keV

<< 32-Ge-72	**32-Ge-76**	33-As-75 >>
<< MT22 (p,n+α)	**MT28 (p,n+p) or MT5 (Ge75 production)**	MT36 (p,n+t+2α) >>

Ge76 (p,n+p) or Ge75 production log-log



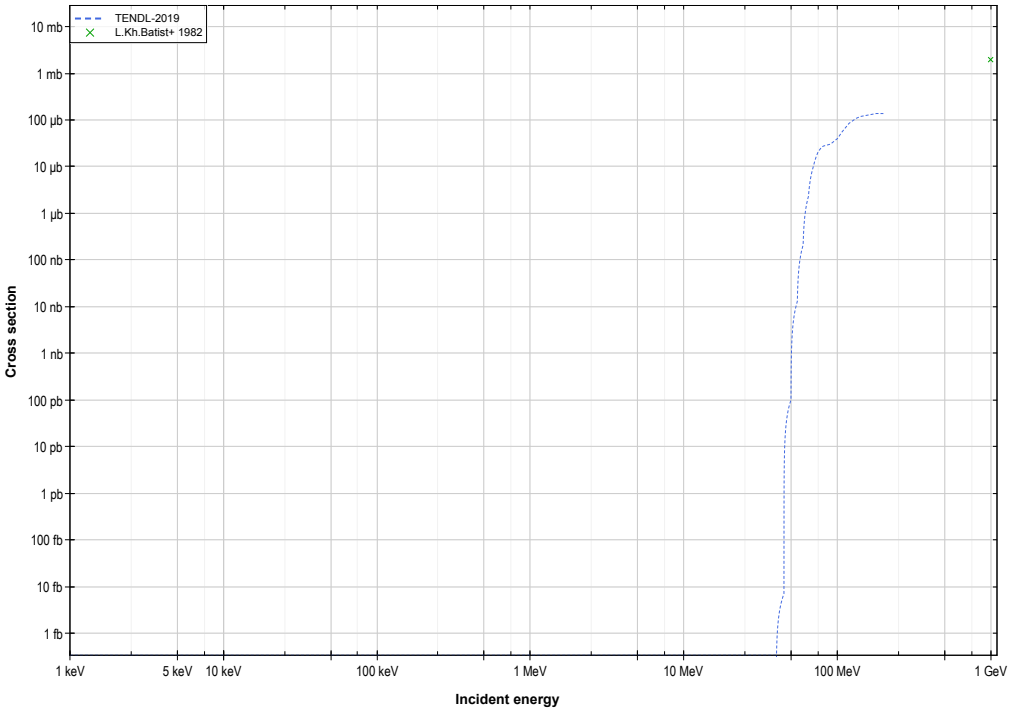
Ge76 (p,n+p) or Ge75 production lin-log



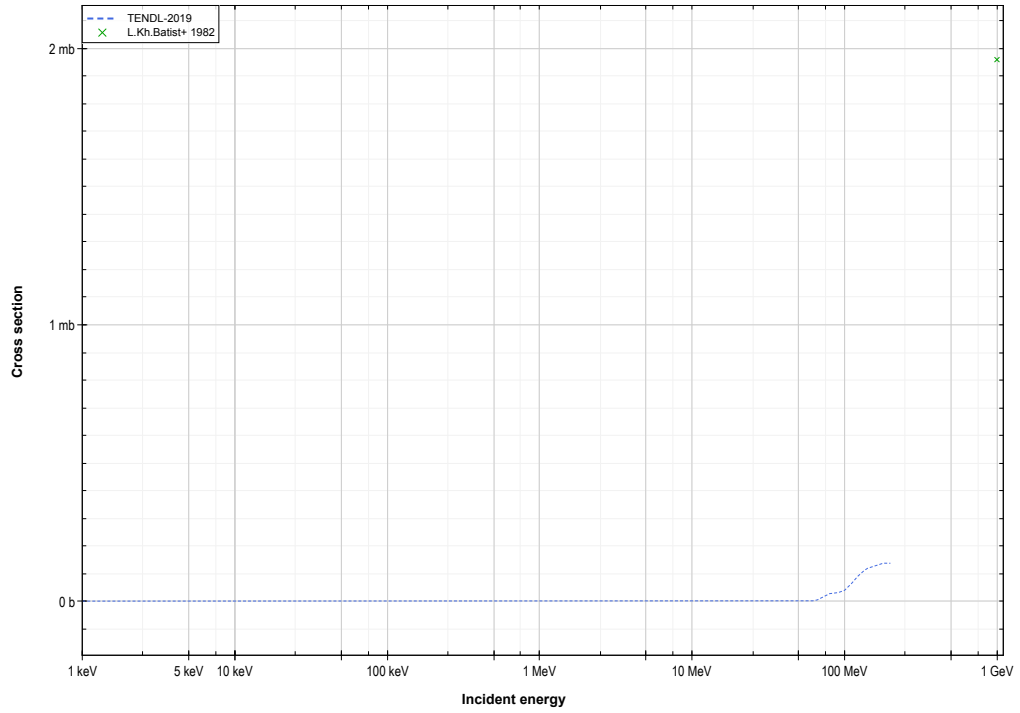
Reaction	Q-Value
Ge76(p,d)Ge75	-7202.68 keV
Ge76(p,n+p)Ge75	-9427.25 keV

<< 29-Cu-65	**32-Ge-76**	
<< MT28 (p,n+p)	**MT36 (p,n+t+2α) or MT5 (Ni65 production)**	MT104 (p,d) >>

Ge76 (p,n+t+2α) or Ni65 production log-log



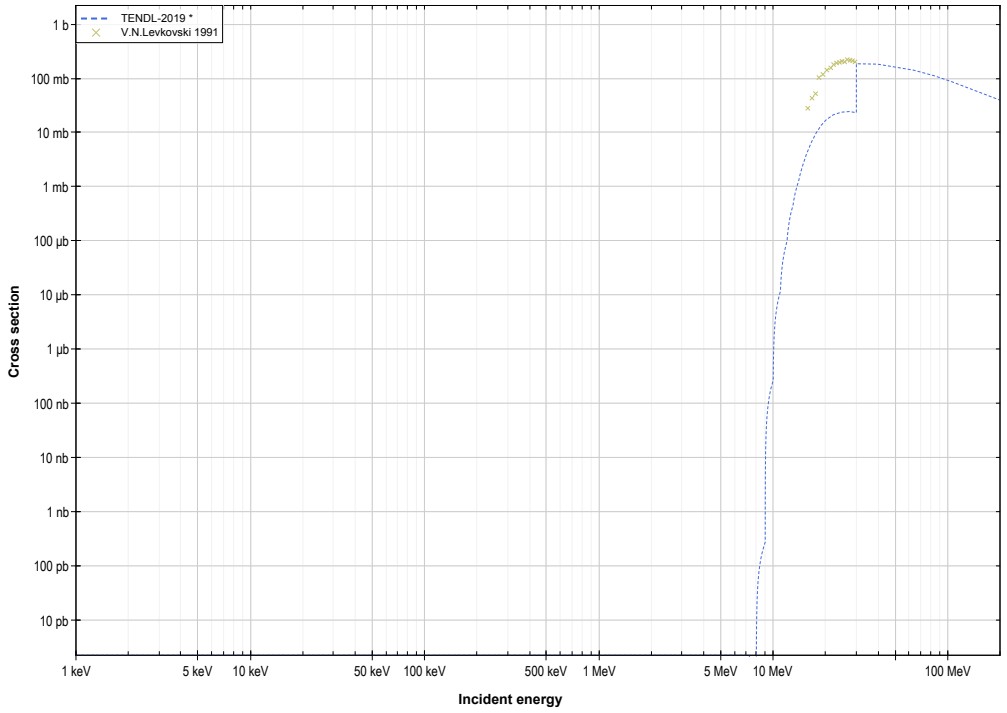
Ge76 (p,n+t+2α) or Ni65 production lin-log



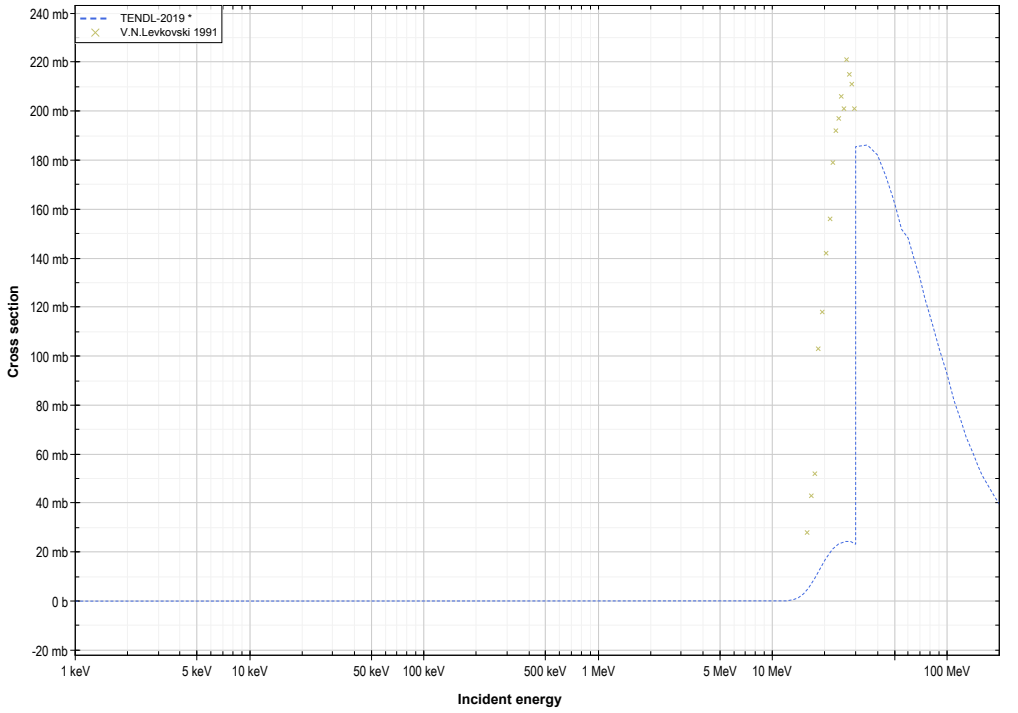
Reaction	Q-Value	Reaction	Q-Value
Ge76(p,n+t+2α)Ni65	-28669.18 keV	Ge76(p,3n+d+He3+α)Ni65	-55504.02 keV
Ge76(p,2n+d+2α)Ni65	-34926.41 keV	Ge76(p,3n+2p+t+α)Ni65	-56964.84 keV
Ge76(p,3n+p+2α)Ni65	-37150.97 keV	Ge76(p,4n+p+He3+α)Ni65	-57728.59 keV
Ge76(p,d+2t+α)Ni65	-46258.48 keV	Ge76(p,2n+3d+α)Ni65	-58772.93 keV
Ge76(p,n+p+2t+α)Ni65	-48483.04 keV	Ge76(p,3t+He3)Ni65	-60578.87 keV
Ge76(p,2n+t+He3+α)Ni65	-49246.80 keV	Ge76(p,3n+p+2d+α)Ni65	-60997.50 keV
Ge76(p,n+2d+t+α)Ni65	-52515.70 keV	Ge76(p,4n+2p+d+α)Ni65	-63222.07 keV
Ge76(p,2n+p+d+t+α)Ni65	-54740.27 keV	Ge76(p,5n+3p+α)Ni65	-65446.63 keV

<< 31-Ga-71	**32-Ge-76**	33-As-75 >>
<< MT36 (p,n+t+2α)	**MT104 (p,d) or MT5 (Ge75 production)**	MT107 (p,α) >>

Ge76 (p,d) or Ge75 production log-log



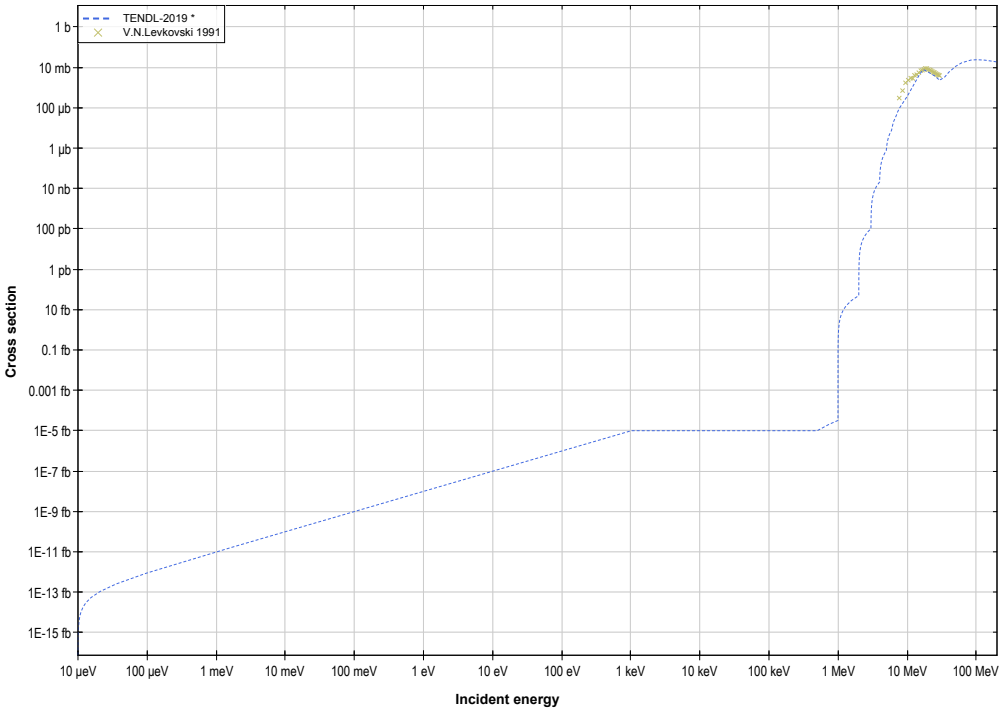
Ge76 (p,d) or Ge75 production lin-log



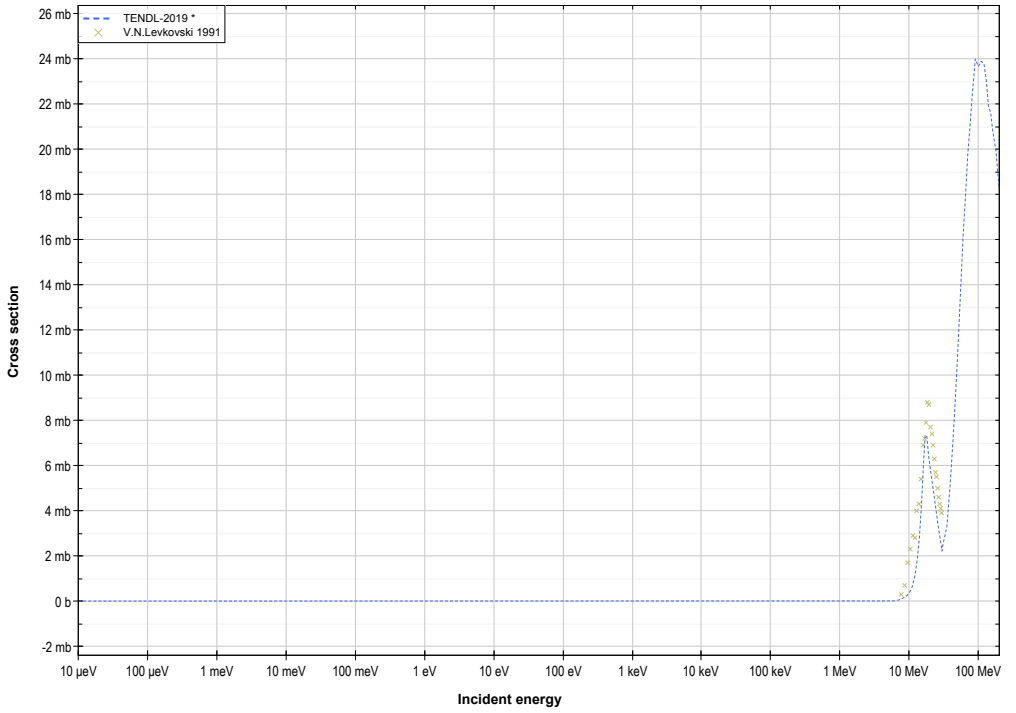
Reaction	Q-Value
Ge76(p,d)Ge75	-7202.68 keV
Ge76(p,n+p)Ge75	-9427.25 keV

<< 32-Ge-70	**32-Ge-76**	34-Se-74 >>
<< MT104 (p,d)	**MT107 (p,α) or MT5 (Ga73 production)**	MT176 (p,2n+³He) >>

Ge76 (p,α) or Ga73 production log-log



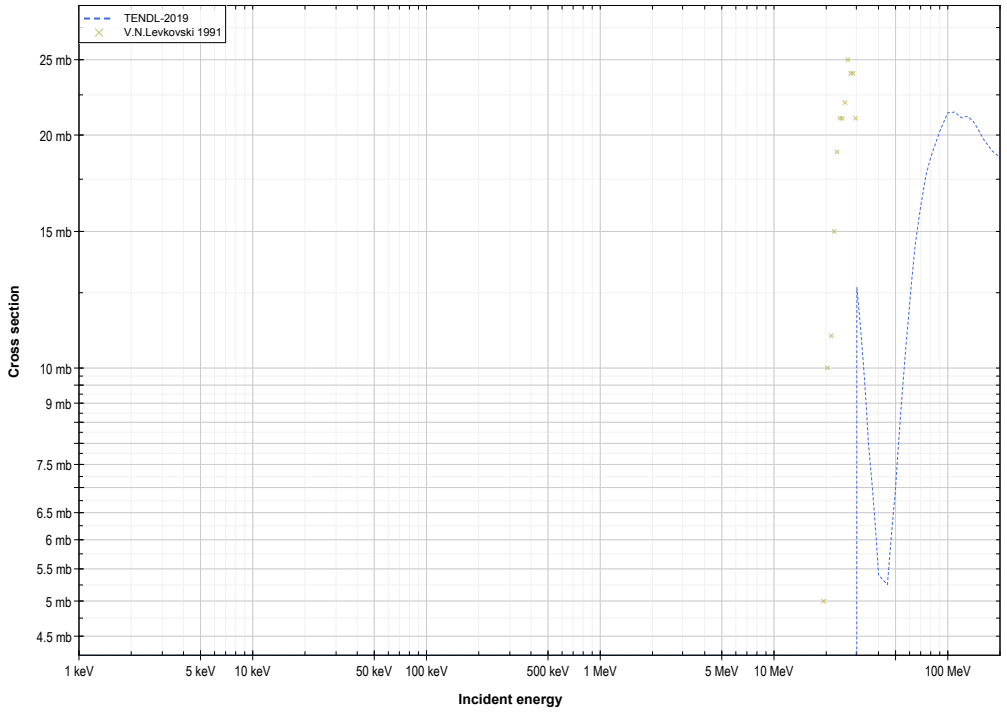
Ge76 (p,α) or Ga73 production lin-log



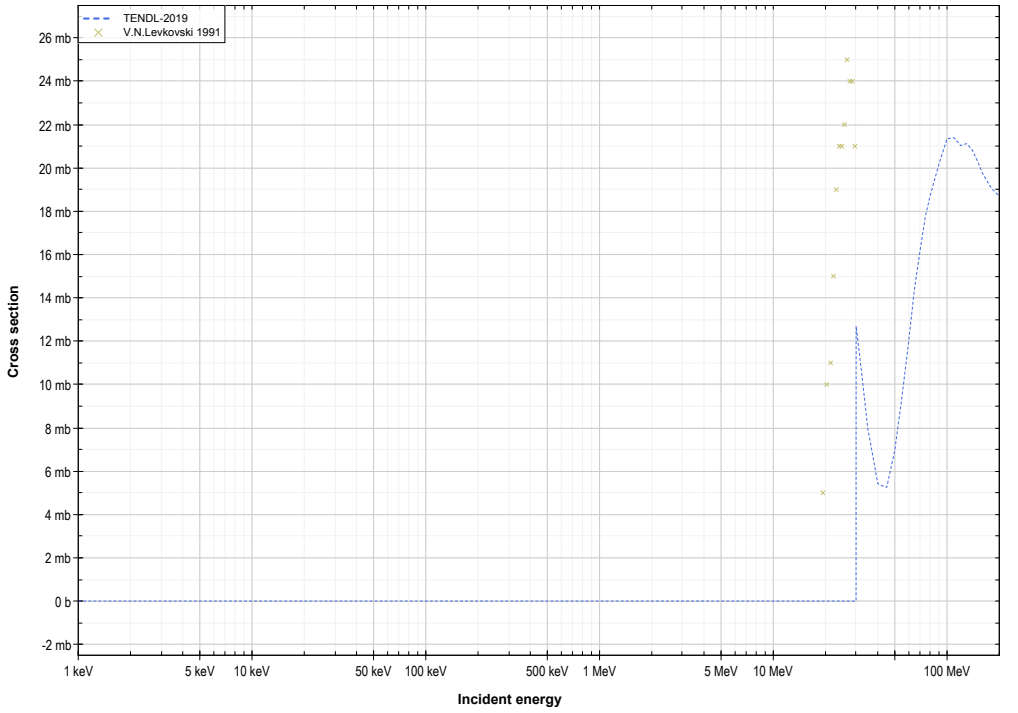
Reaction	Q-Value
Ge76(p,α)Ga73	1350.47 keV
Ge76(p,p+t)Ga73	-18463.40 keV
Ge76(p,n+He3)Ga73	-19227.15 keV
Ge76(p,2d)Ga73	-22496.06 keV
Ge76(p,n+p+d)Ga73	-24720.63 keV
Ge76(p,2n+2p)Ga73	-26945.19 keV

<< 32-Ge-72	**32-Ge-76**	34-Se-74 >>
<< MT107 (p,α)	**MT176 (p,2n+³He) or MT5 (Ga72 production)**	MT179 (p,3n+2p) >>

Ge76 (p,2n+³He) or Ga72 production log-log



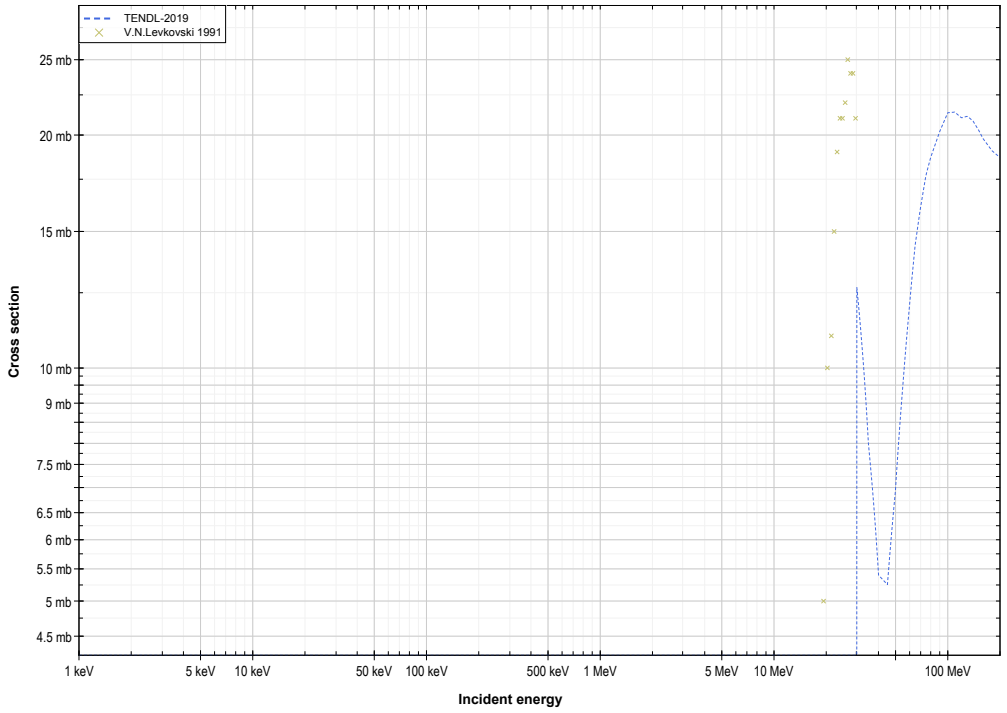
Ge76 (p,2n+³He) or Ga72 production lin-log



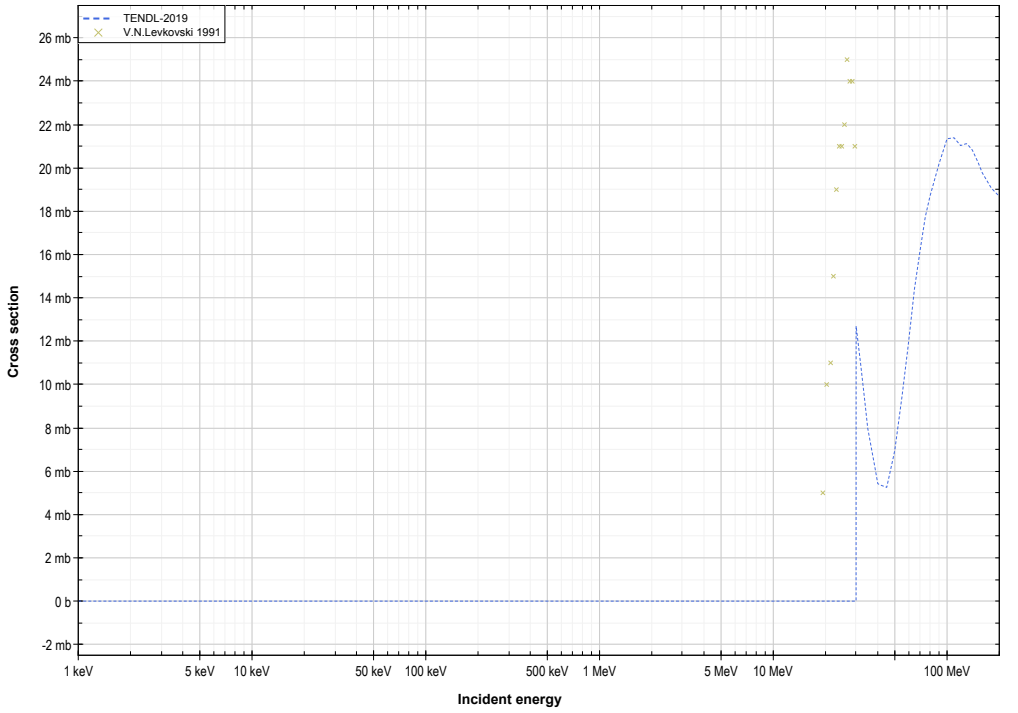
Reaction	Q-Value
Ge76(p,n+α)Ga72	-7831.85 keV
Ge76(p,d+t)Ga72	-25421.15 keV
Ge76(p,n+p+t)Ga72	-27645.72 keV
Ge76(p,2n+He3)Ga72	-28409.47 keV
Ge76(p,n+2d)Ga72	-31678.38 keV
Ge76(p,2n+p+d)Ga72	-33902.94 keV
Ge76(p,3n+2p)Ga72	-36127.51 keV

<< 32-Ge-72	**32-Ge-76**	34-Se-74 >>
<< MT176 (p,2n+³He)	**MT179 (p,3n+2p) or MT5 (Ga72 production)**	MT182 (p,d+t) >>

Ge76 (p,3n+2p) or Ga72 production log-log



Ge76 (p,3n+2p) or Ga72 production lin-log



Reaction	Q-Value
Ge76(p,n+α)Ga72	-7831.85 keV
Ge76(p,d+t)Ga72	-25421.15 keV
Ge76(p,n+p+t)Ga72	-27645.72 keV
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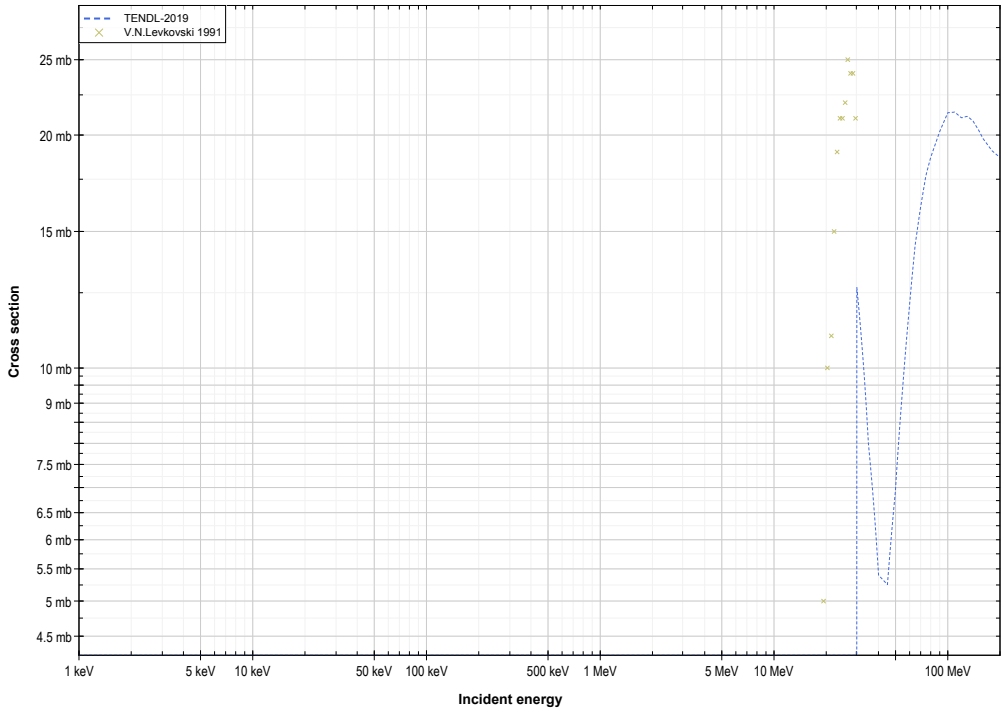
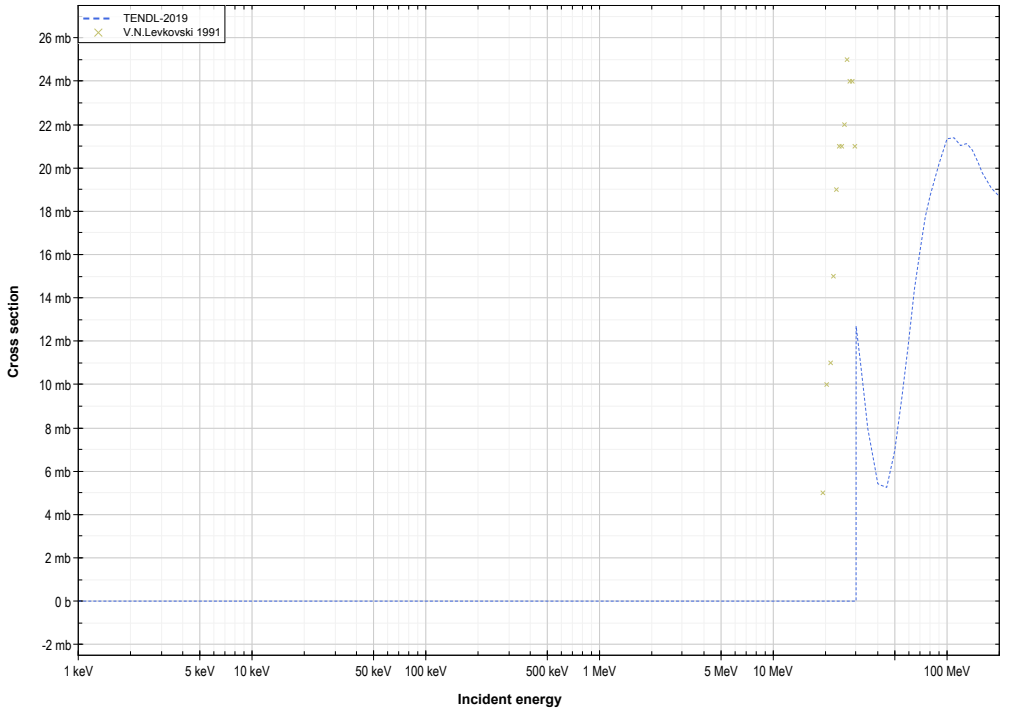
Ge76(p,n+2d)Ga72	-31678.38 keV
Ge76(p,2n+p+d)Ga72	-33902.94 keV
Ge76(p,3n+2p)Ga72	-36127.51 keV

<< 32-Ge-72	**32-Ge-76**	34-Se-74 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Ga72 production)**	MT184 (p,n+p+t) >>

Ge76 (p,d+t) or Ga72 production log-log



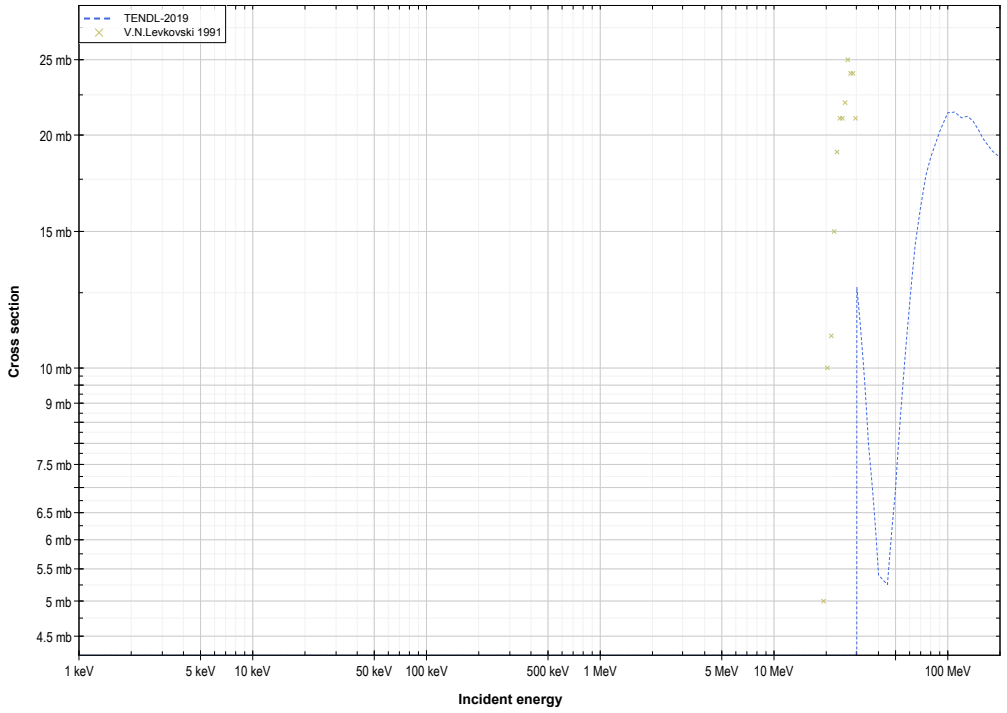
Ge76 (p,d+t) or Ga72 production lin-log



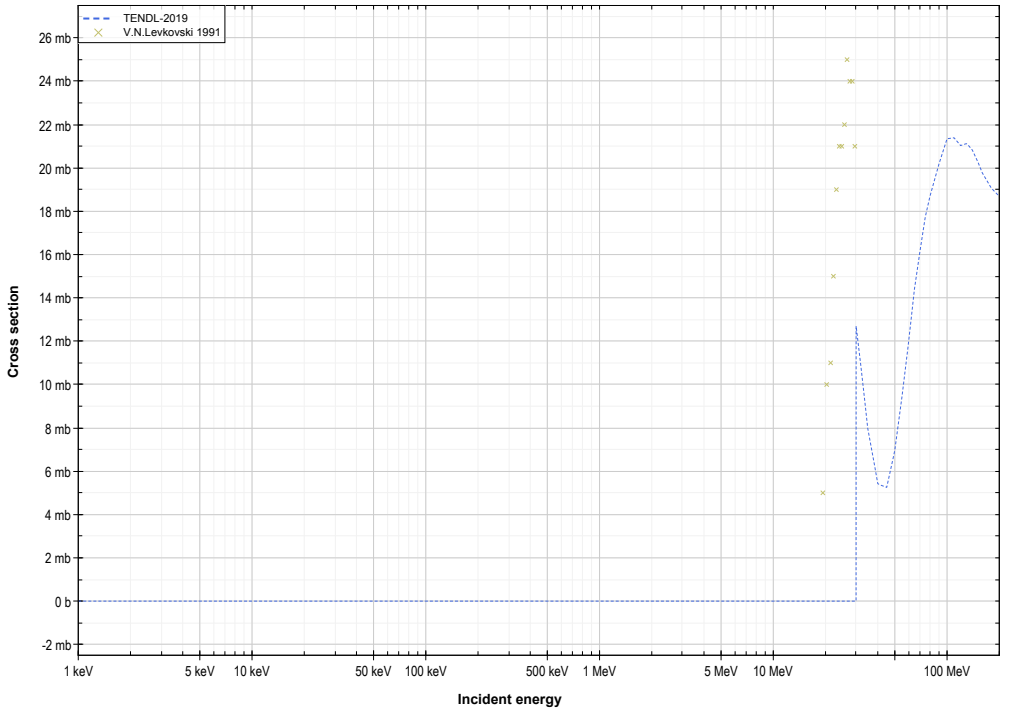
Reaction	Q-Value
Ge76(p,n+α)Ga72	-7831.85 keV
Ge76(p,d+t)Ga72	-25421.15 keV
Ge76(p,n+p+t)Ga72	-27645.72 keV
Ge76(p,2n+He3)Ga72	-28409.47 keV
Ge76(p,n+2d)Ga72	-31678.38 keV
Ge76(p,2n+p+d)Ga72	-33902.94 keV
Ge76(p,3n+2p)Ga72	-36127.51 keV

<< 32-Ge-72	**32-Ge-76**	34-Se-74 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Ga72 production)**	33-As-75 MT4 (p,n) >>

Ge76 (p,n+p+t) or Ga72 production log-log



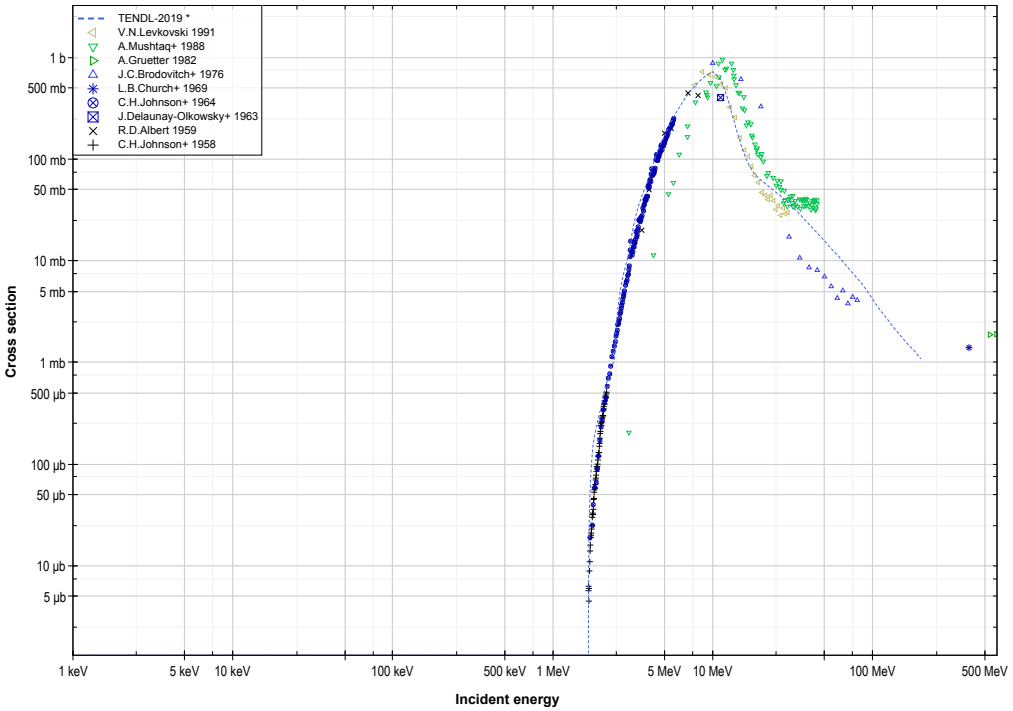
Ge76 (p,n+p+t) or Ga72 production lin-log



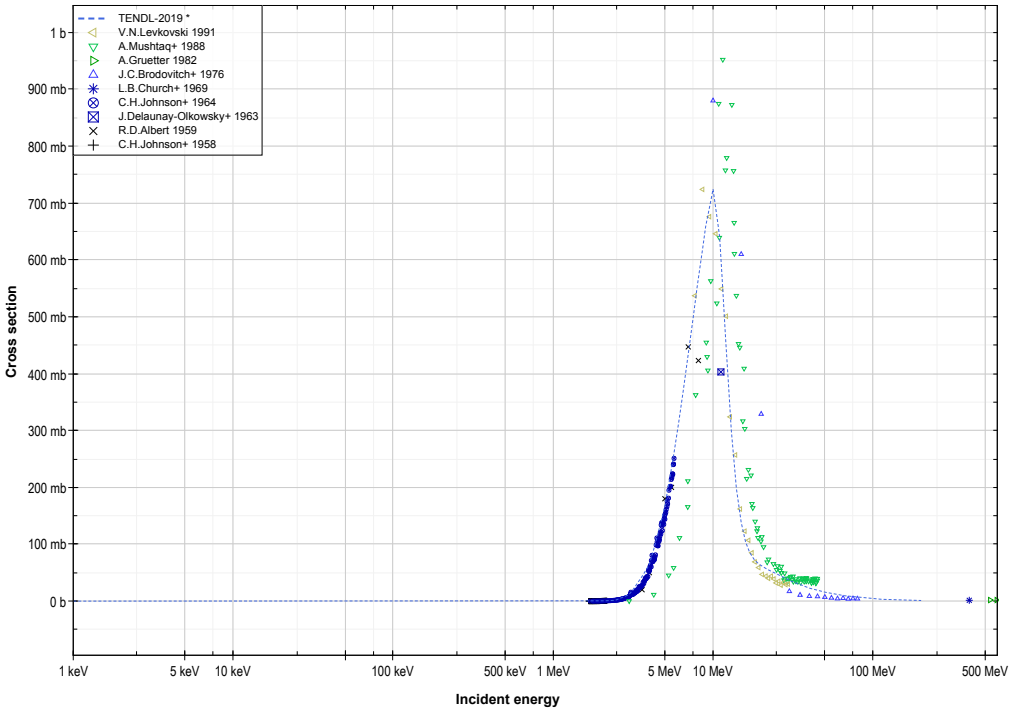
Reaction	Q-Value
Ge76(p,n+α)Ga72	-7831.85 keV
Ge76(p,d+t)Ga72	-25421.15 keV
Ge76(p,n+p+t)Ga72	-27645.72 keV
Ge76(p,2n+He3)Ga72	-28409.47 keV
Ge76(p,n+2d)Ga72	-31678.38 keV
Ge76(p,2n+p+d)Ga72	-33902.94 keV
Ge76(p,3n+2p)Ga72	-36127.51 keV

<< 32-Ge-76	**33-As-75**	34-Se-76 >>
<< 32-Ge-76 MT184 (p,n+p+t)	**MT4 (p,n) or MT5 (Se75 production)**	MT11 (p,2n+d) >>

As75 (p,n) or Se75 production log-log



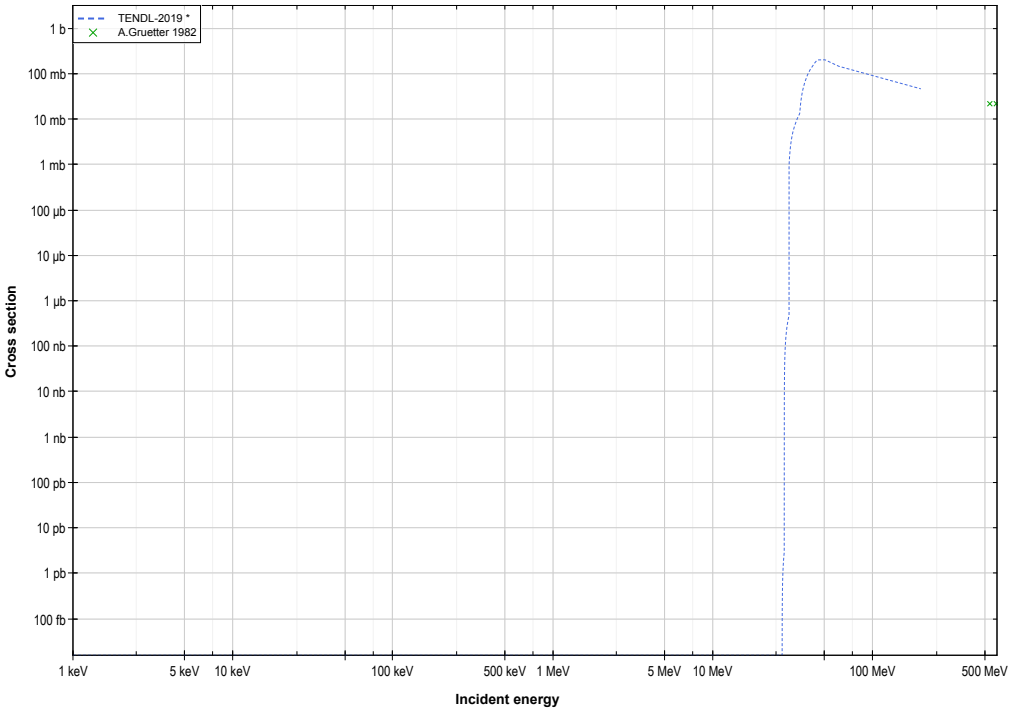
As75 (p,n) or Se75 production lin-log



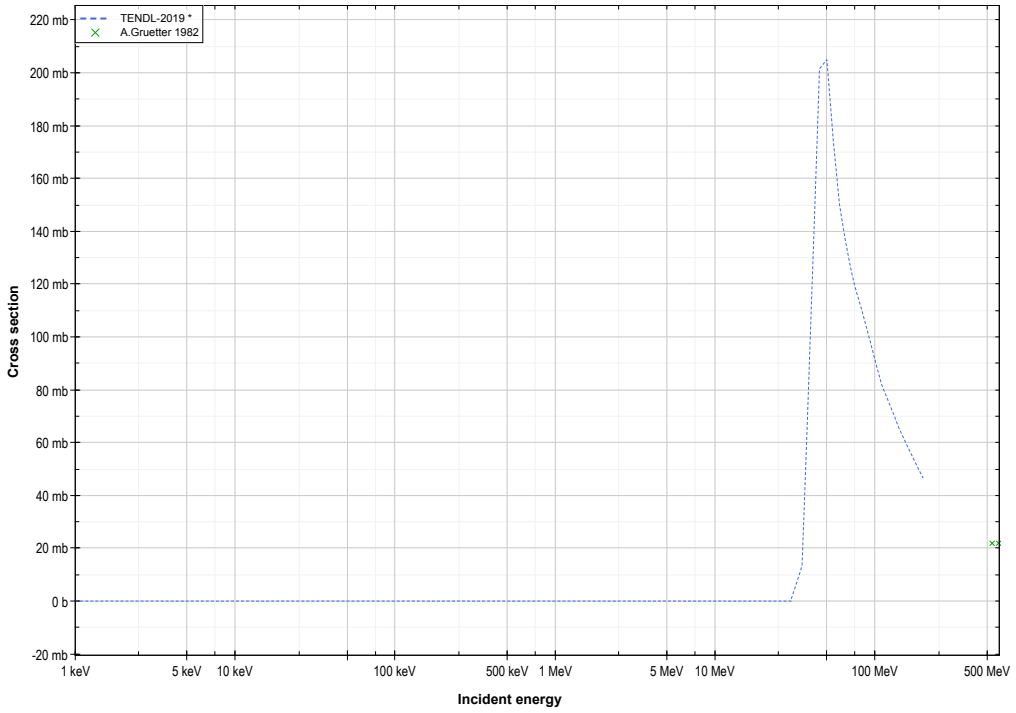
Reaction	Q-Value
As75(p,n)Se75	-1647.07 keV

<< 27-Co-59	**33-As-75**	35-Br-81 >>
<< MT4 (p,n)	**MT11 (p,2n+d) or MT5 (As72 production)**	MT17 (p,3n) >>

As75 (p,2n+d) or As72 production log-log



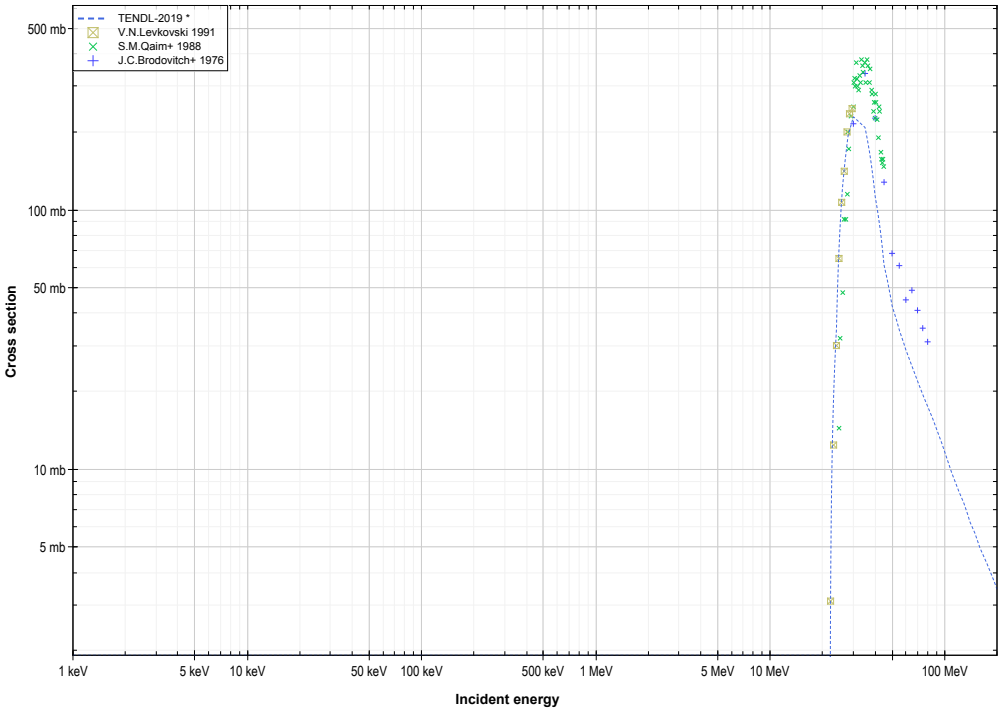
As75 (p,2n+d) or As72 production lin-log



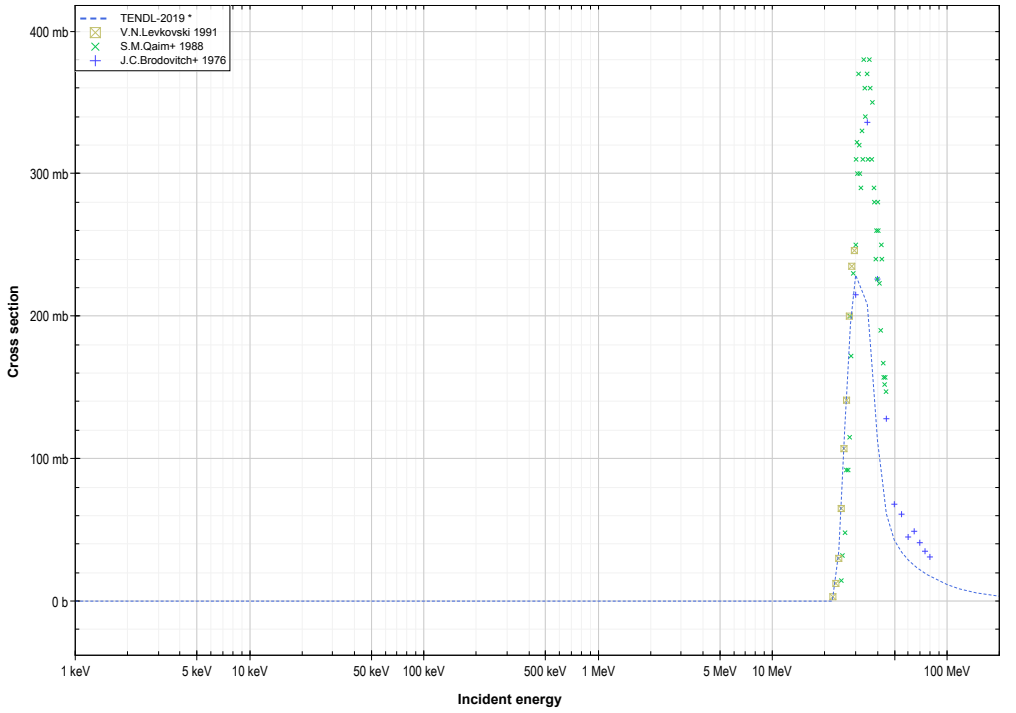
Reaction	Q-Value
As75(p,n+t)As72	-20536.36 keV
As75(p,2n+d)As72	-26793.59 keV
As75(p,3n+p)As72	-29018.15 keV

<< 32-Ge-76	**33-As-75**	34-Se-76 >>
<< MT11 (p,2n+d)	**MT17 (p,3n) or MT5 (Se73 production)**	MT28 (p,n+p) >>

As75 (p,3n) or Se73 production log-log



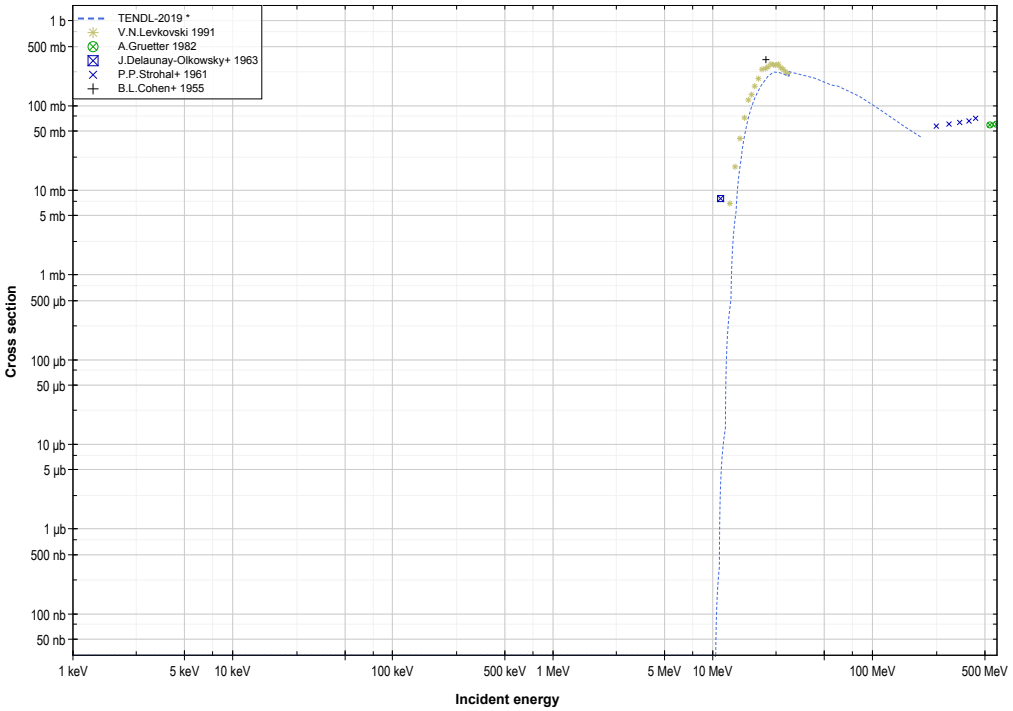
As75 (p,3n) or Se73 production lin-log



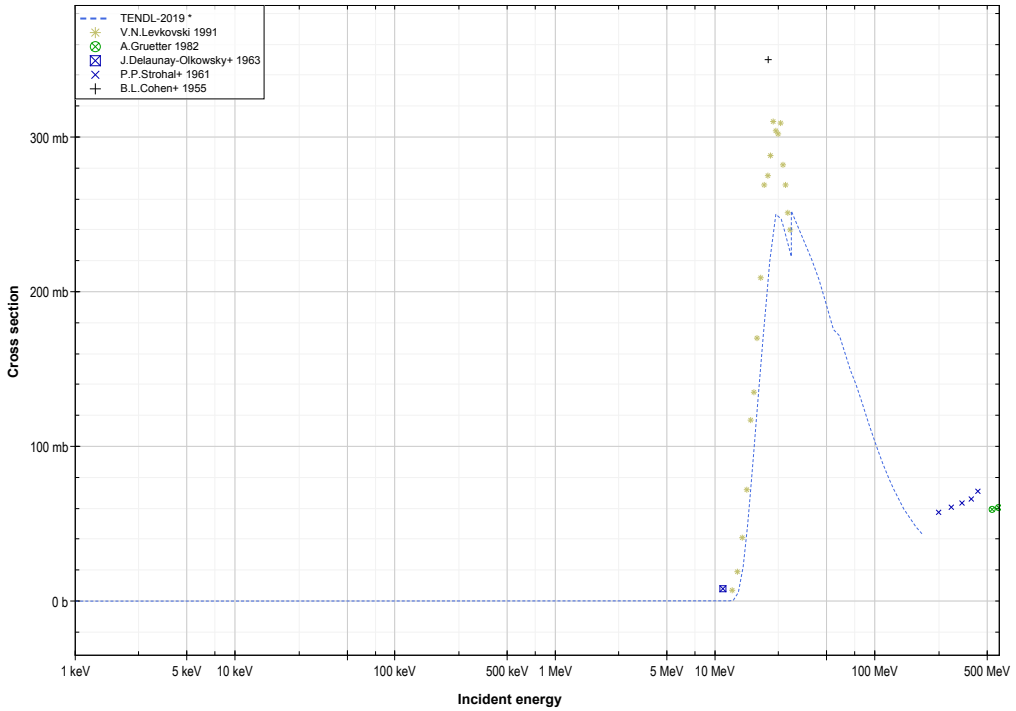
Reaction	Q-Value
As75(p,3n)Se73	-21732.18 keV

<< 32-Ge-76	**33-As-75**	34-Se-76 >>
<< MT17 (p,3n)	**MT28 (p,n+p) or MT5 (As74 production)**	MT33 (p,n+t) >>

As75 (p,n+p) or As74 production log-log



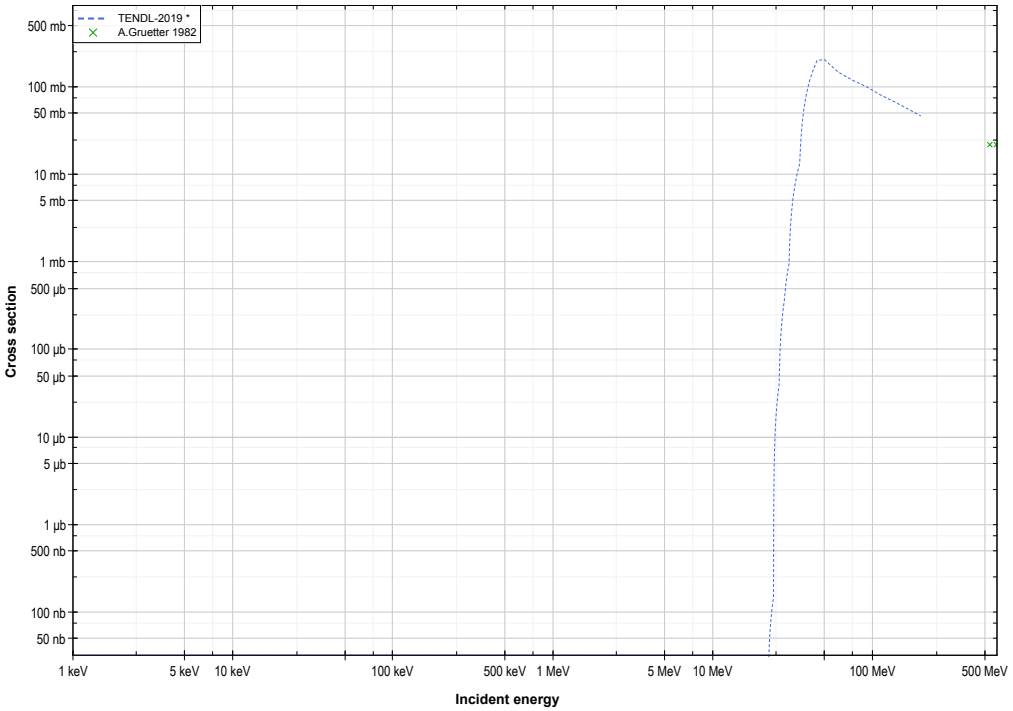
As75 (p,n+p) or As74 production lin-log



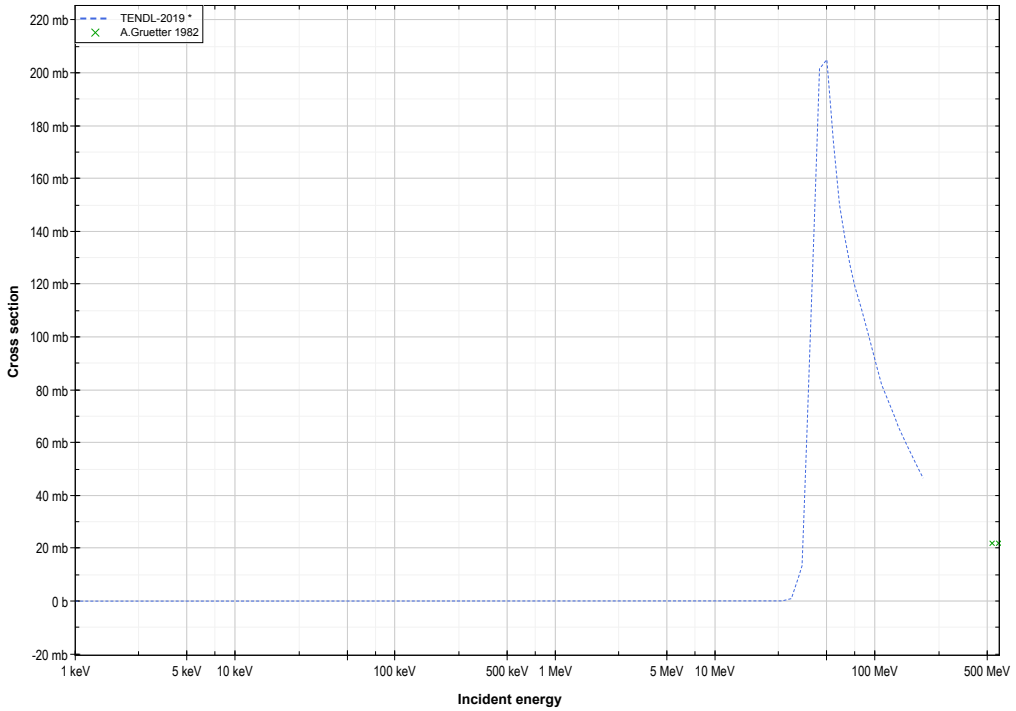
Reaction	Q-Value
As75(p,d)As74	-8020.85 keV
As75(p,n+p)As74	-10245.42 keV

<< 27-Co-59	**33-As-75**	35-Br-81 >>
<< MT28 (p,n+p)	**MT33 (p,n+t) or MT5 (As72 production)**	MT37 (p,4n) >>

As75 (p,n+t) or As72 production log-log



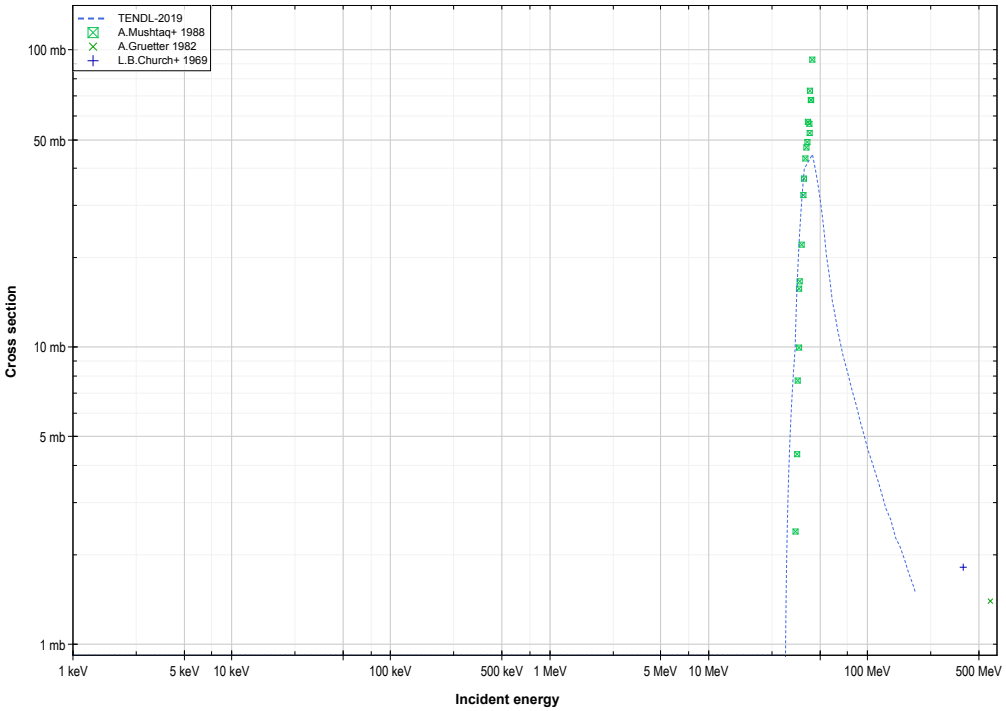
As75 (p,n+t) or As72 production lin-log



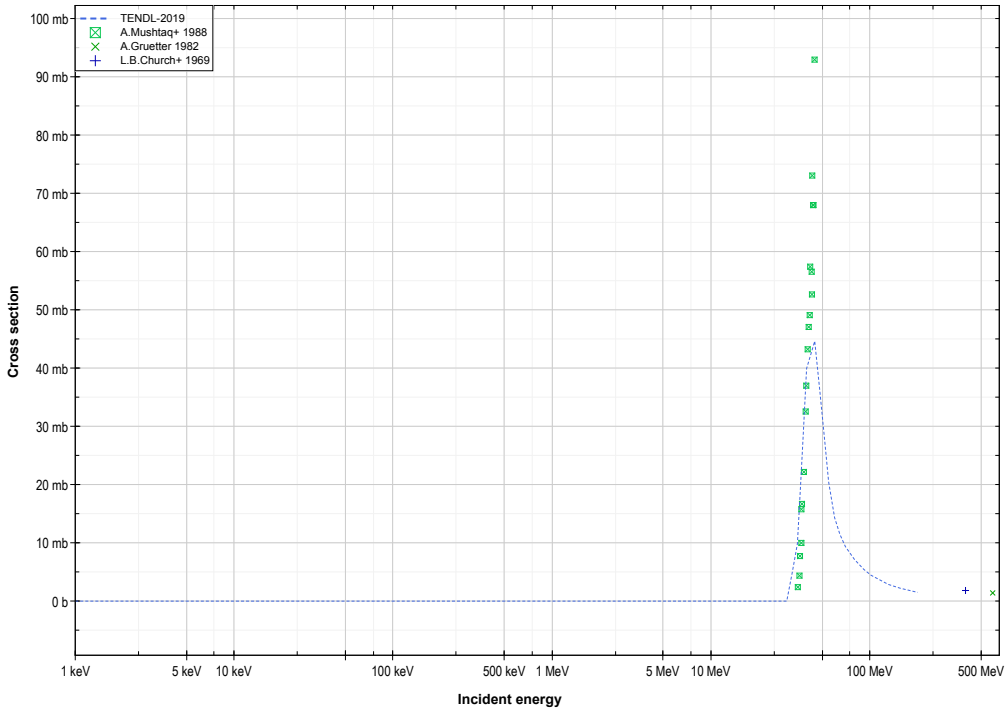
Reaction	Q-Value
As75(p,n+t)As72	-20536.36 keV
As75(p,2n+d)As72	-26793.59 keV
As75(p,3n+p)As72	-29018.15 keV

<< 31-Ga-71	**33-As-75**	34-Se-78 >>
<< MT33 (p,n+t)	**MT37 (p,4n) or MT5 (Se72 production)**	MT42 (p,3n+p) >>

As75 (p,4n) or Se72 production log-log



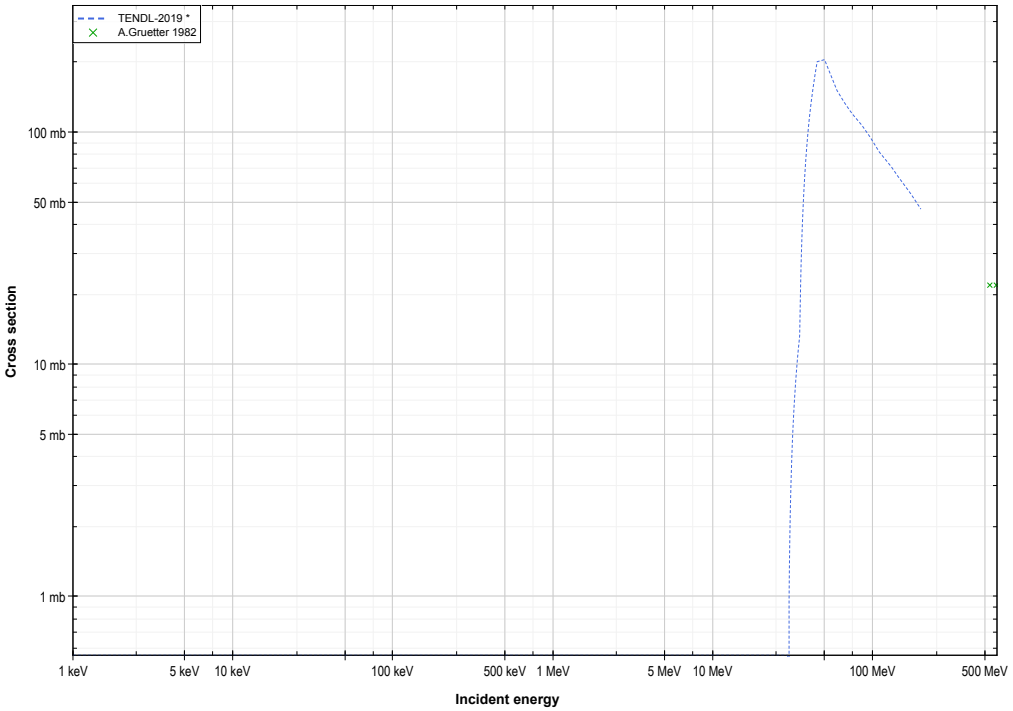
As75 (p,4n) or Se72 production lin-log



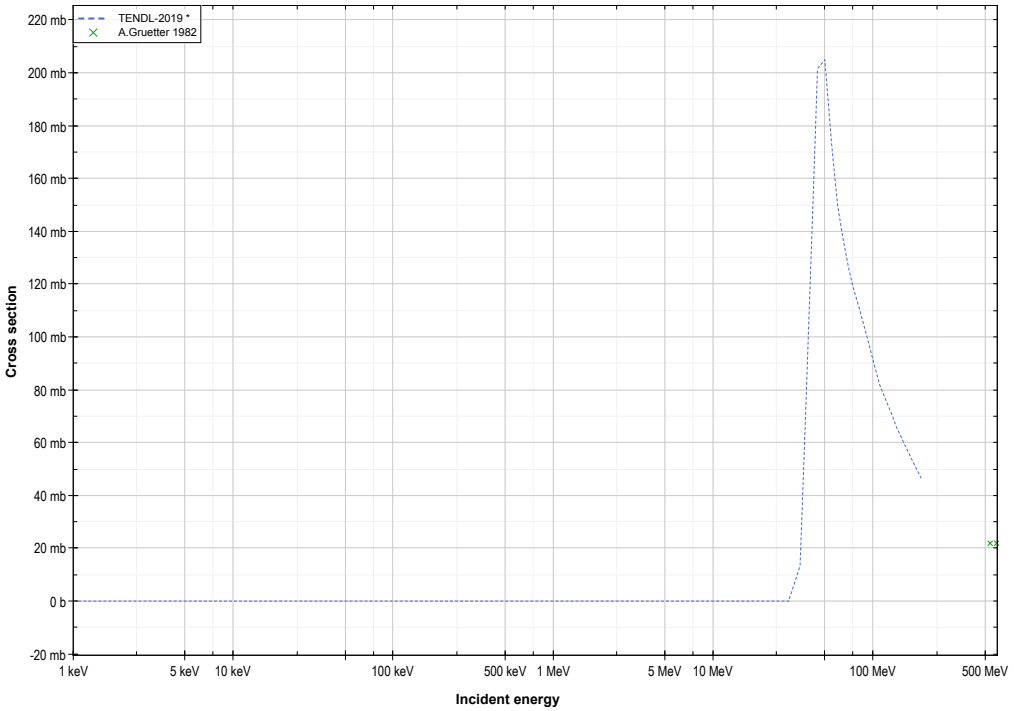
Reaction	Q-Value
As75(p,4n)Se72	-30162.30 keV

<< 31-Ga-71	**33-As-75**	35-Br-81 >>
<< MT37 (p,4n)	**MT42 (p,3n+p) or MT5 (As72 production)**	MT104 (p,d) >>

As75 (p,3n+p) or As72 production log-log



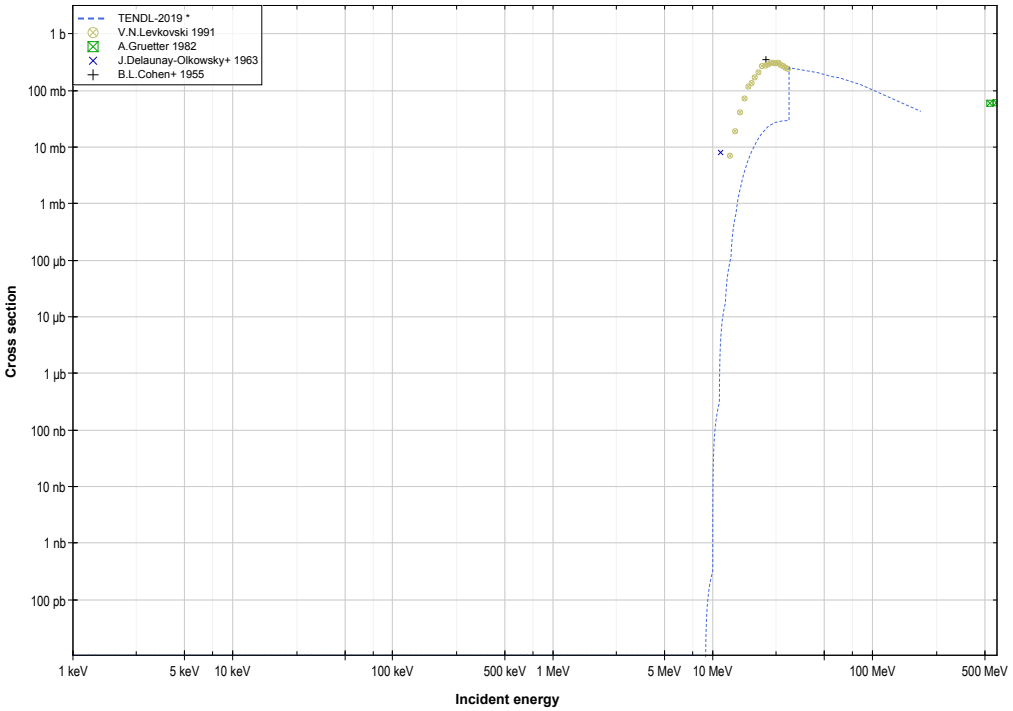
As75 (p,3n+p) or As72 production lin-log



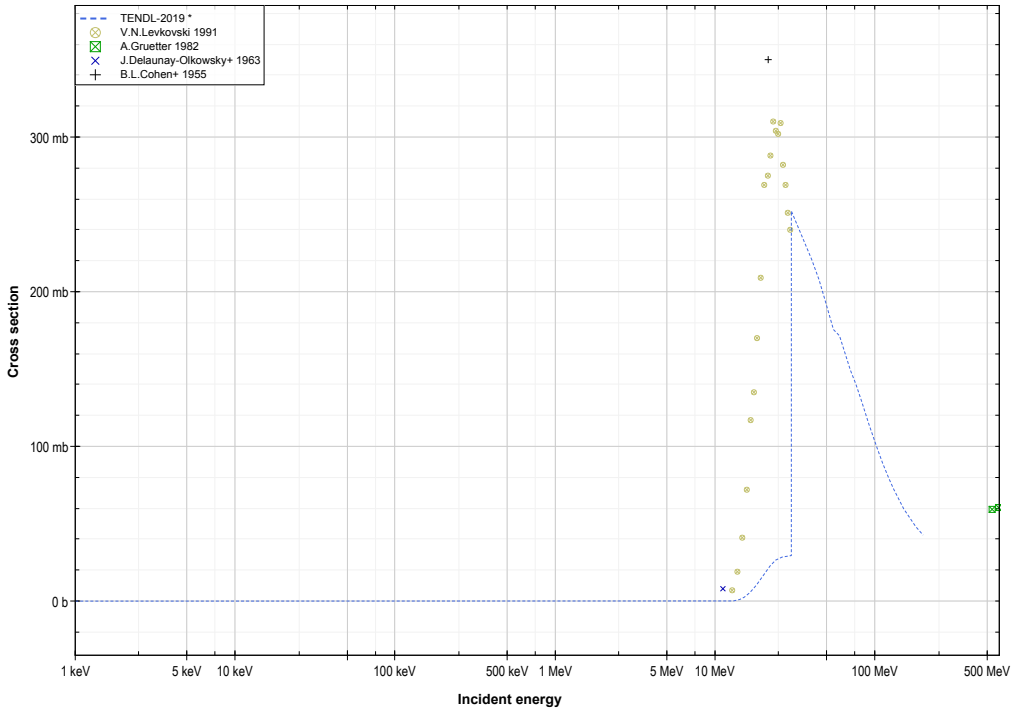
Reaction	Q-Value
As75(p,n+t)As72	-20536.36 keV
As75(p,2n+d)As72	-26793.59 keV
As75(p,3n+p)As72	-29018.15 keV

<< 32-Ge-76	**33-As-75**	34-Se-76 >>
<< MT42 (p,3n+p)	**MT104 (p,d) or MT5 (As74 production)**	MT197 (p,3p) >>

As75 (p,d) or As74 production log-log



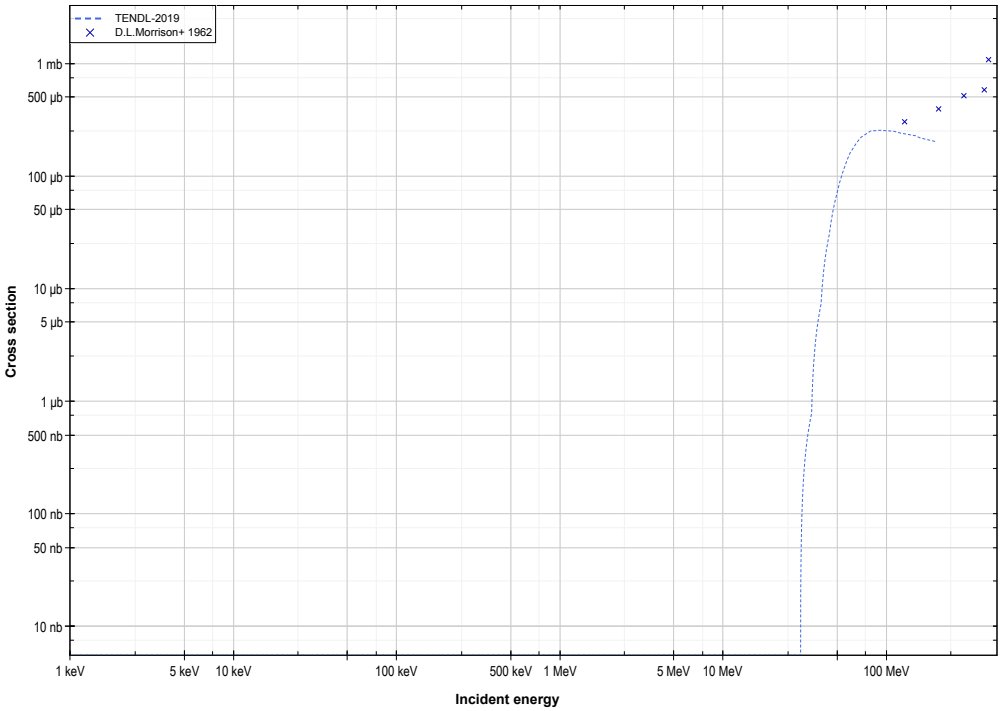
As75 (p,d) or As74 production lin-log



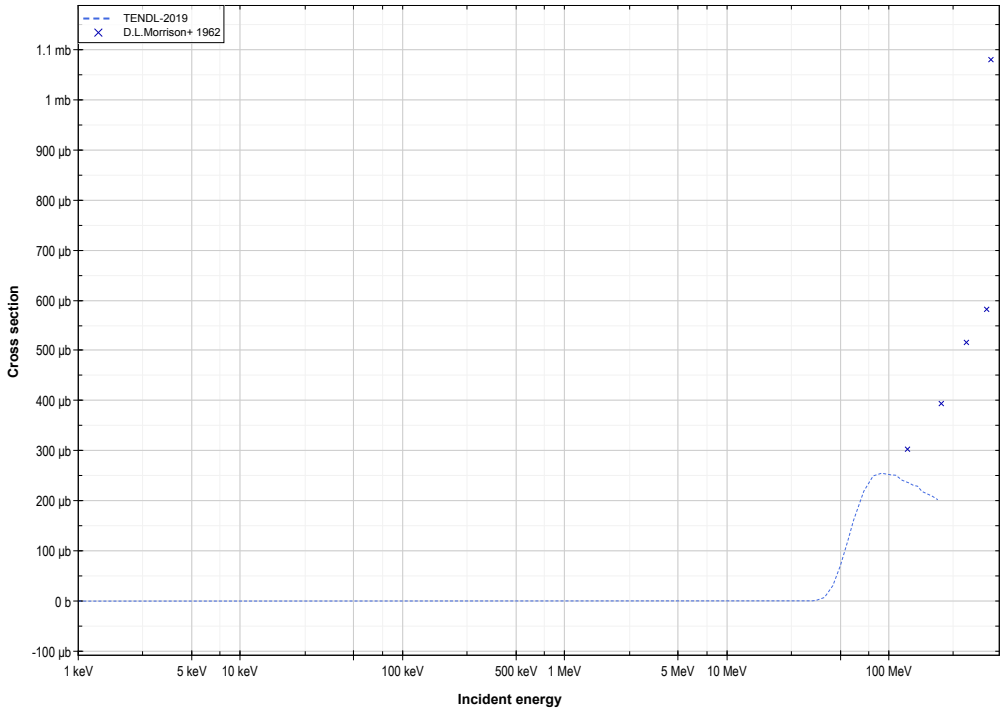
Reaction	Q-Value
As75(p,d)As74	-8020.85 keV
As75(p,n+p)As74	-10245.42 keV

<< 31-Ga-69	**33-As-75**	75-Re-187 >>
<< MT104 (p,d)	**MT197 (p,3p) or MT5 (Ga73 production)**	34-Se-74 MT22 (p,n+α) >>

As75 (p,3p) or Ga73 production log-log



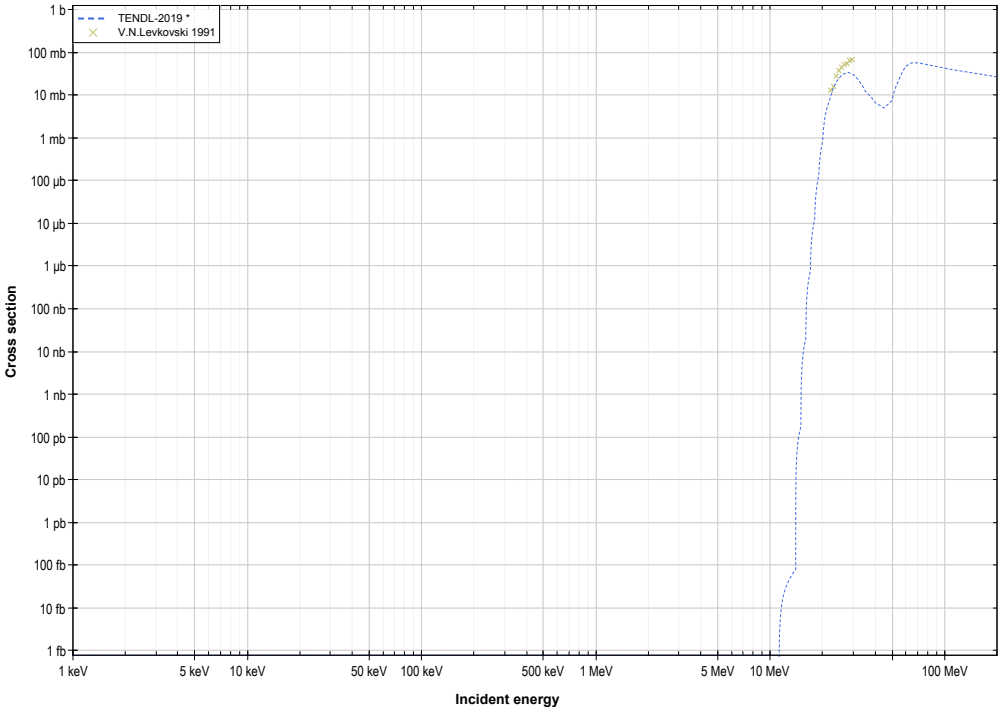
As75 (p,3p) or Ga73 production lin-log



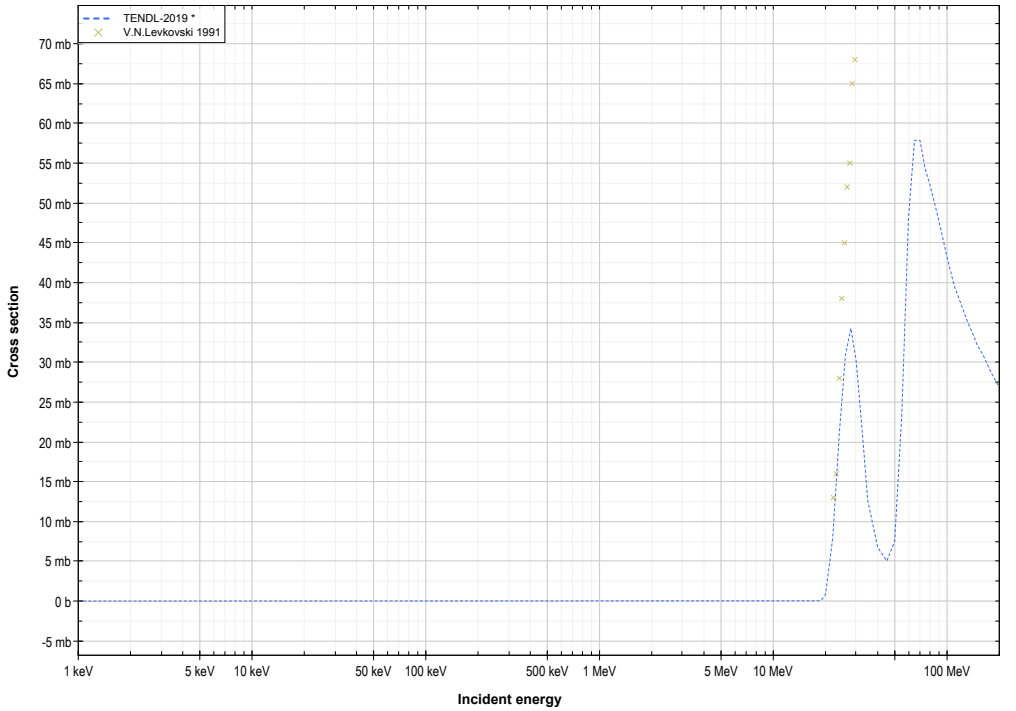
Reaction	Q-Value
As75(p,3p)Ga73	-17912.84 keV

<< 32-Ge-76	**34-Se-74**	34-Se-76 >>
<< 33-As-75 MT197 (p,3p)	**MT22 (p,n+α) or MT5 (As70 production)**	MT32 (p,n+d) >>

Se74 (p,n+α) or As70 production log-log



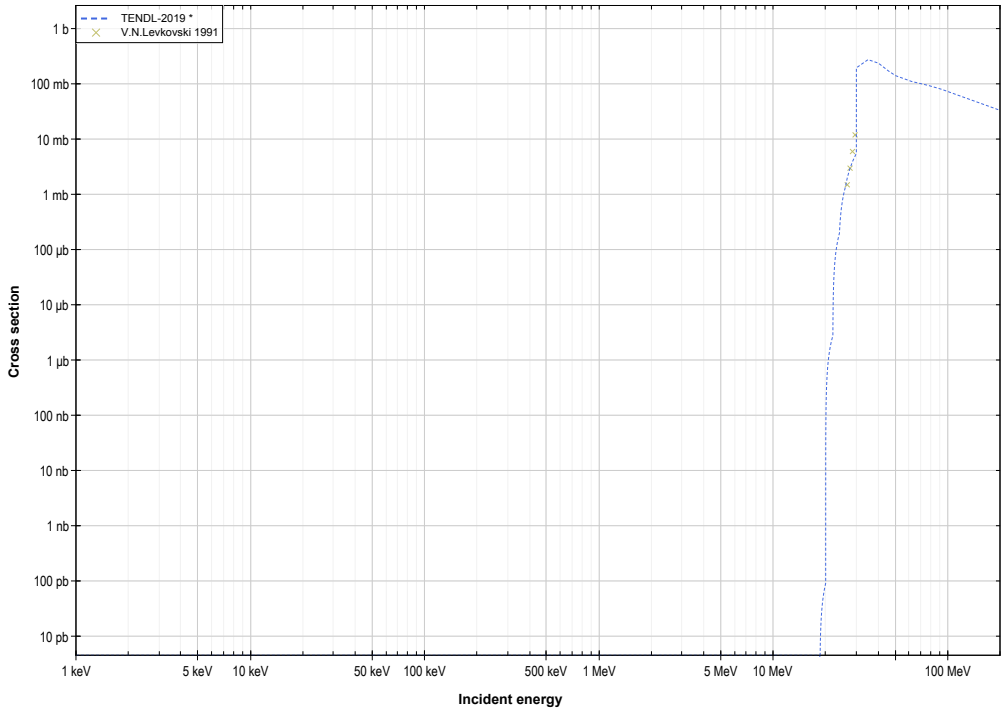
Se74 (p,n+α) or As70 production lin-log



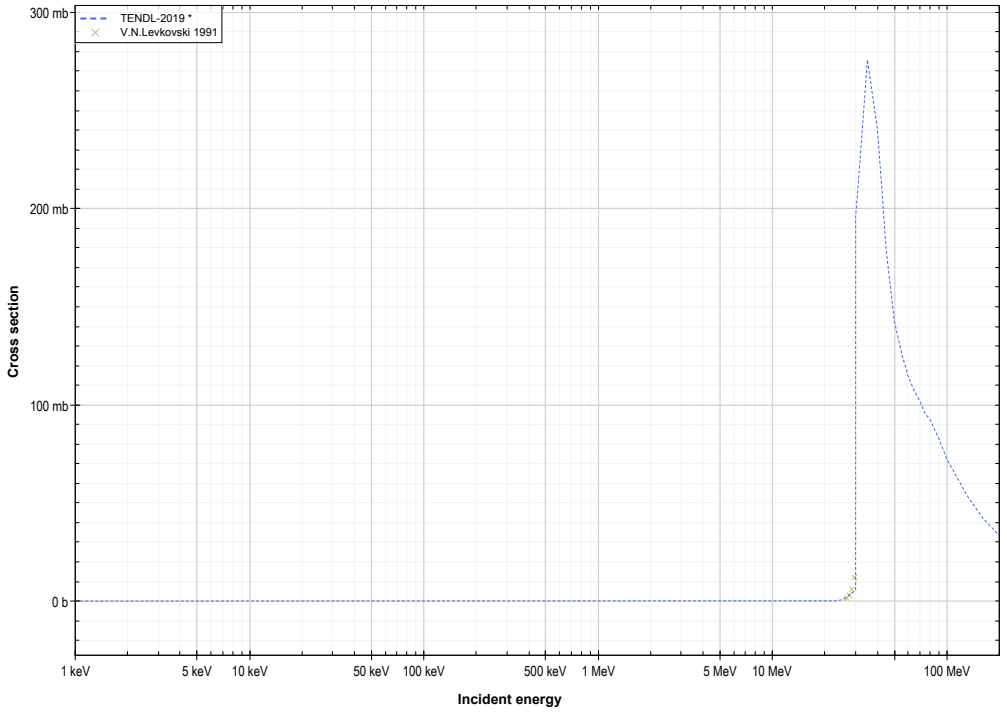
Reaction	Q-Value
Se74(p,n+α)As70	-11080.46 keV
Se74(p,d+t)As70	-28669.76 keV
Se74(p,n+p+t)As70	-30894.33 keV
Se74(p,2n+He3)As70	-31658.08 keV
Se74(p,n+2d)As70	-34926.99 keV
Se74(p,2n+p+d)As70	-37151.56 keV
Se74(p,3n+2p)As70	-39376.12 keV

<< 31-Ga-69	**34-Se-74**	35-Br-79 >>
<< MT22 (p,n+α)	**MT32 (p,n+d) or MT5 (Se72 production)**	MT41 (p,2n+p) >>

Se74 (p,n+d) or Se72 production log-log



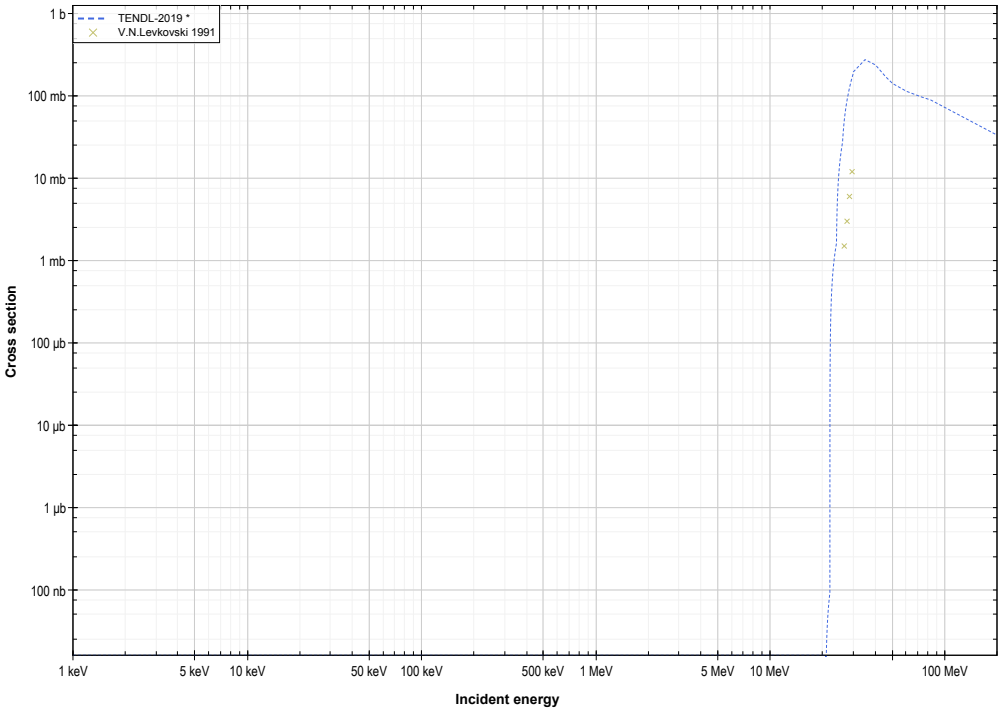
Se74 (p,n+d) or Se72 production lin-log



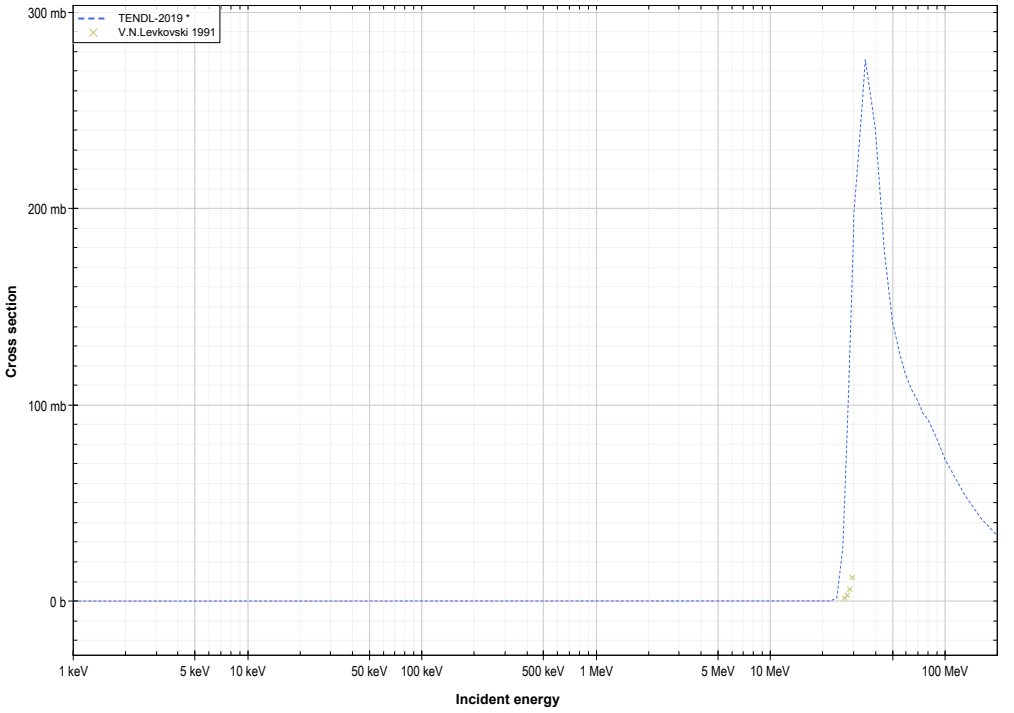
Reaction	Q-Value
Se74(p,t)Se72	-12005.84 keV
Se74(p,n+d)Se72	-18263.07 keV
Se74(p,2n+p)Se72	-20487.64 keV

<< 31-Ga-69	**34-Se-74**	35-Br-79 >>
<< MT32 (p,n+d)	**MT41 (p,2n+p) or MT5 (Se72 production)**	MT44 (p,n+2p) >>

Se74 (p,2n+p) or Se72 production log-log



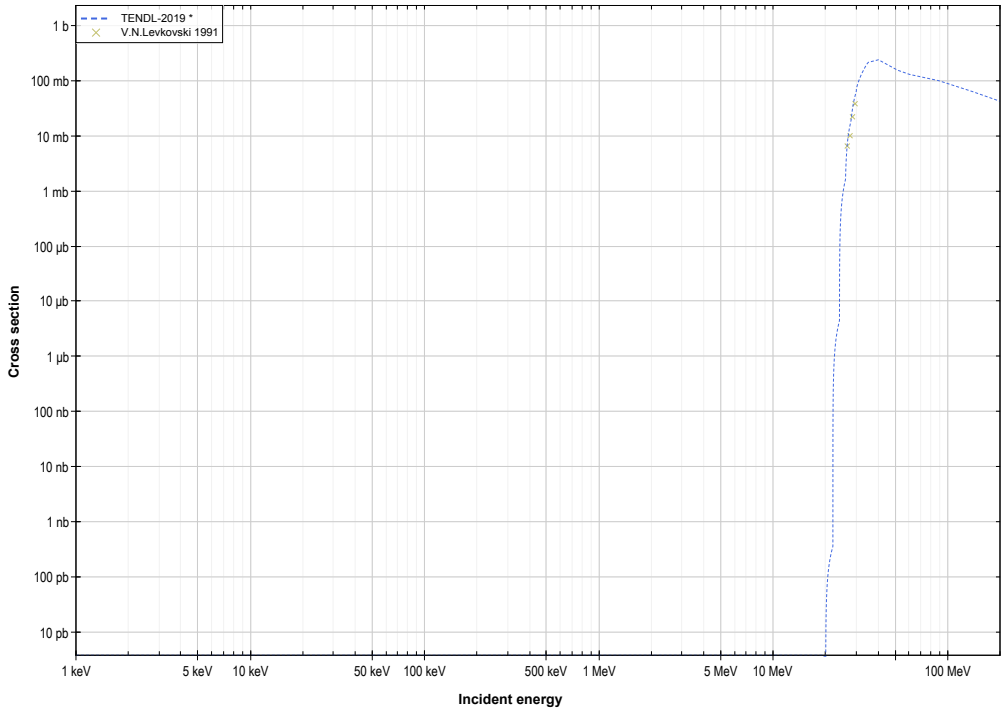
Se74 (p,2n+p) or Se72 production lin-log



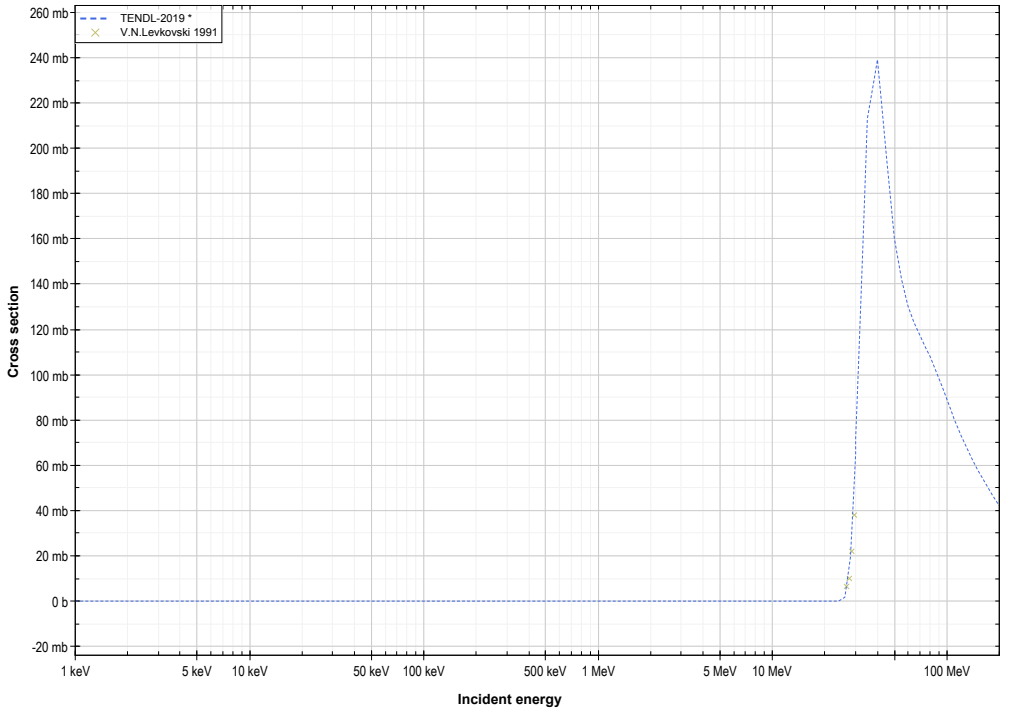
Reaction	Q-Value
Se74(p,t)Se72	-12005.84 keV
Se74(p,n+d)Se72	-18263.07 keV
Se74(p,2n+p)Se72	-20487.64 keV

<< 31-Ga-71	**34-Se-74**	34-Se-76 >>
<< MT41 (p,2n+p)	**MT44 (p,n+2p) or MT5 (As72 production)**	MT102 (p,γ) >>

Se74 (p,n+2p) or As72 production log-log



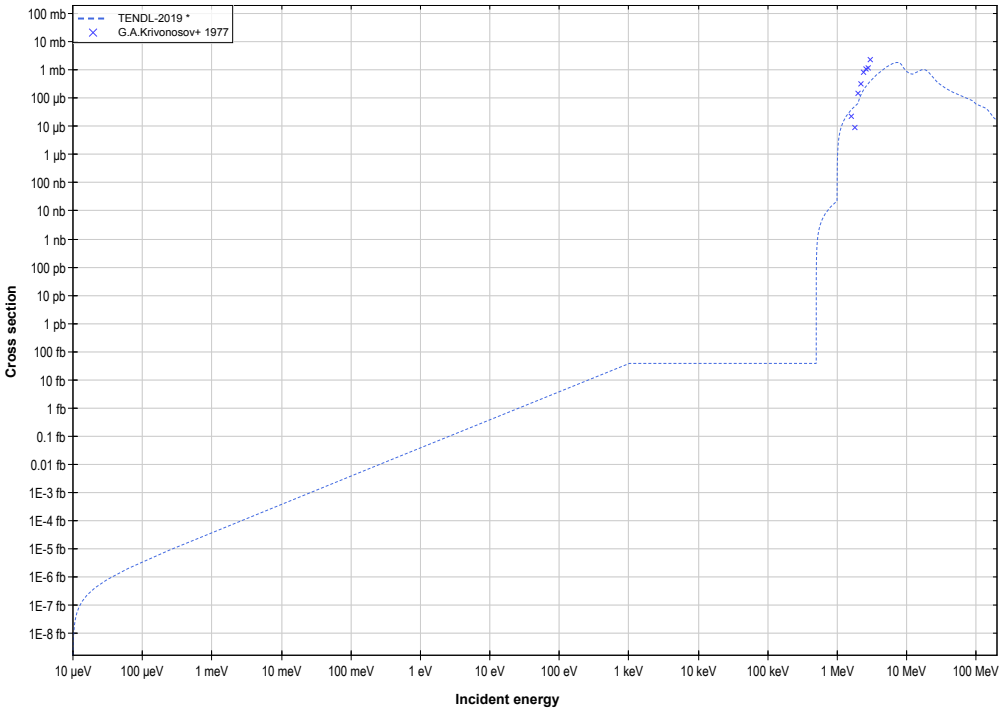
Se74 (p,n+2p) or As72 production lin-log



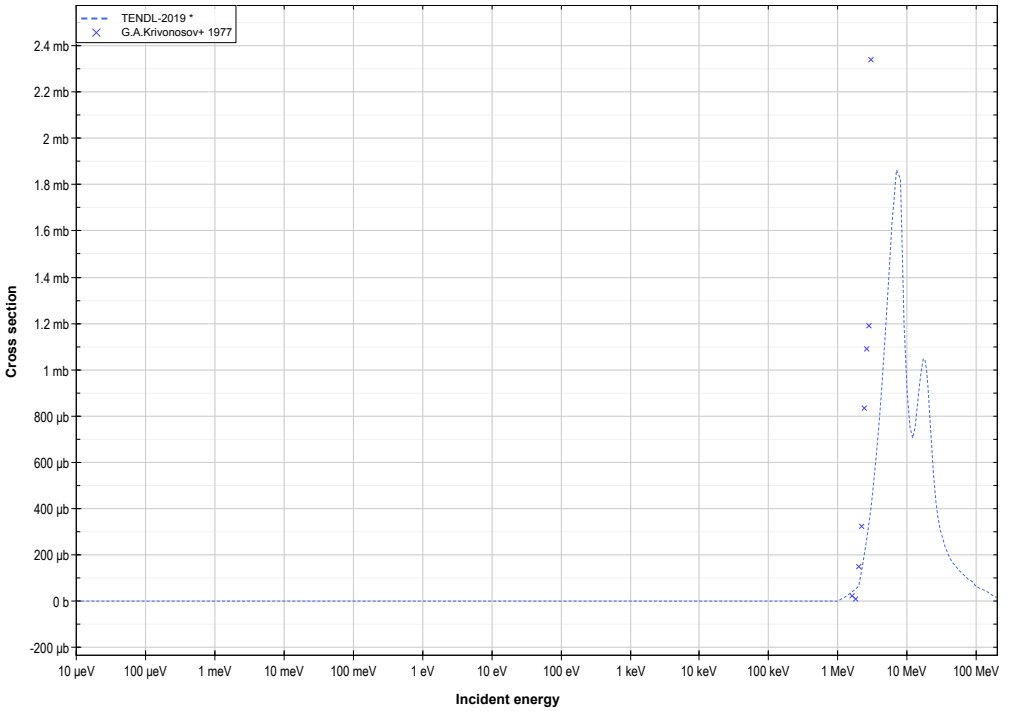
Reaction	Q-Value
Se74(p,He3)As72	-11625.45 keV
Se74(p,p+d)As72	-17118.92 keV
Se74(p,n+2p)As72	-19343.49 keV

<< 30-Zn-68	**34-Se-74**	34-Se-77 >>
<< MT44 (p,n+2p)	**MT102 (p,γ) or MT5 (Br75 production)**	MT105 (p,t) >>

Se74 (p,γ) or Br75 production log-log



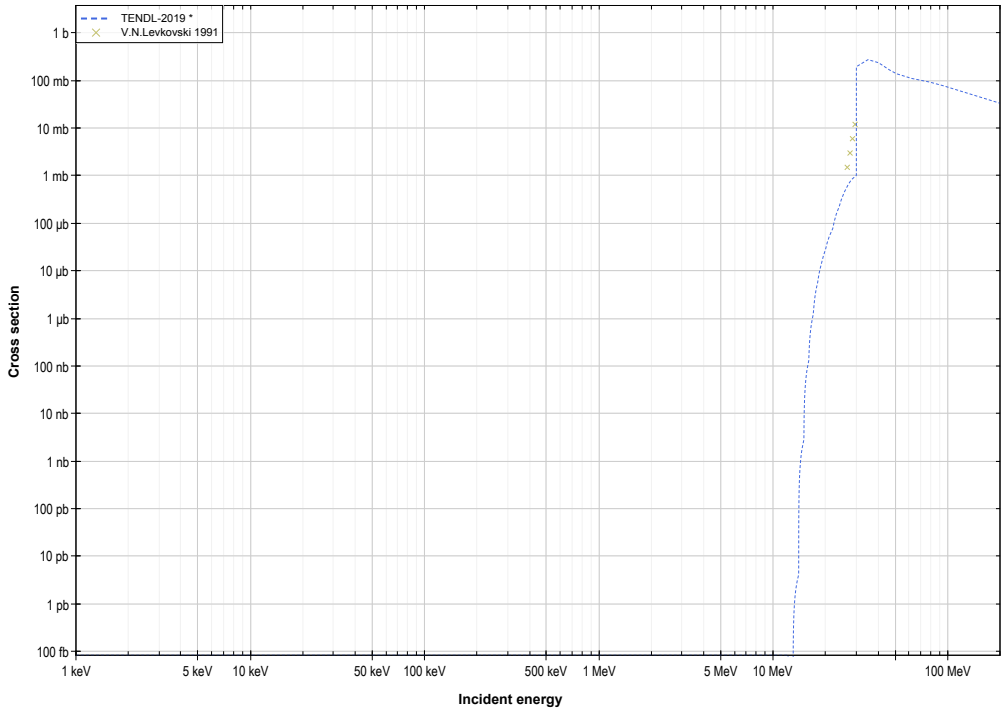
Se74 (p,γ) or Br75 production lin-log



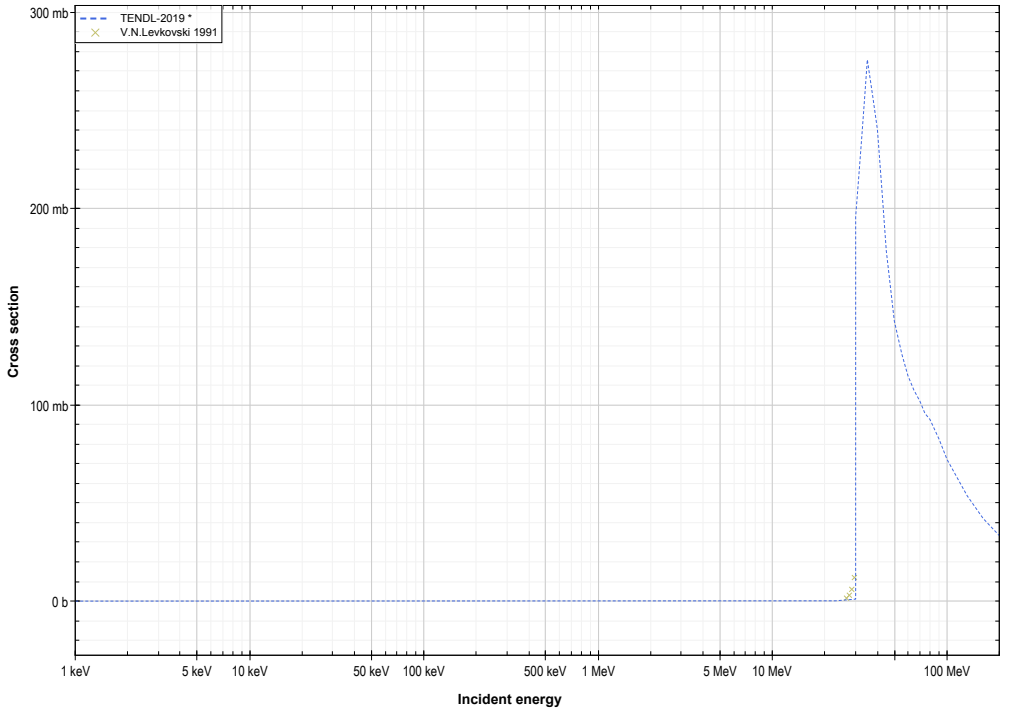
Reaction	Q-Value
Se74(p,γ)Br75	4182.77 keV

<< 31-Ga-69	**34-Se-74**	35-Br-79 >>
<< MT102 (p,γ)	**MT105 (p,t) or MT5 (Se72 production)**	MT106 (p,³He) >>

Se74 (p,t) or Se72 production log-log



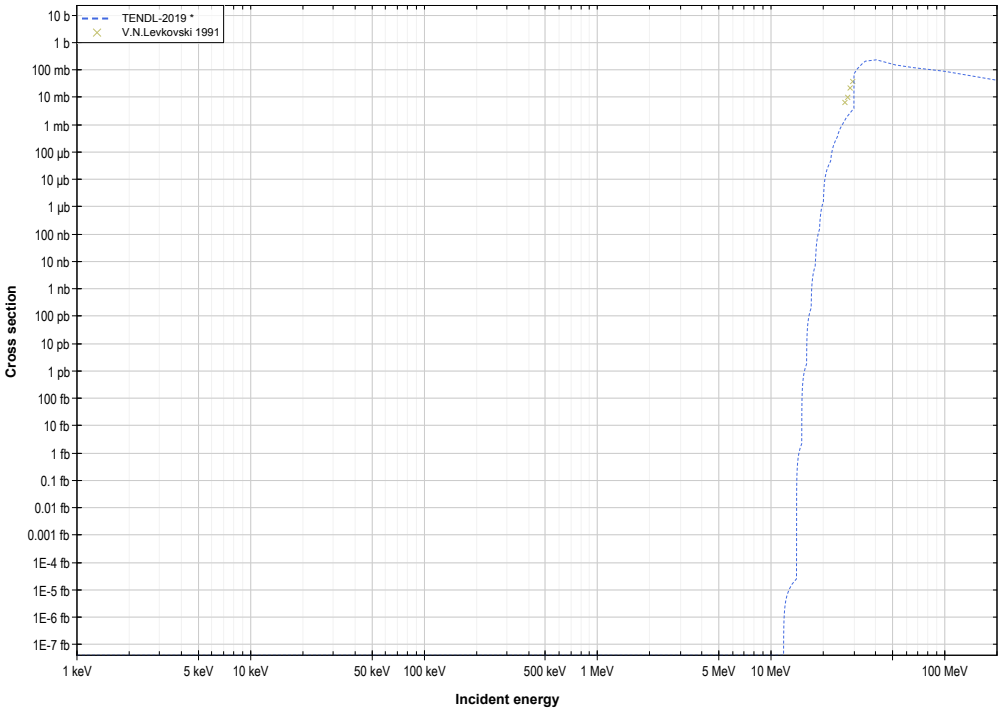
Se74 (p,t) or Se72 production lin-log



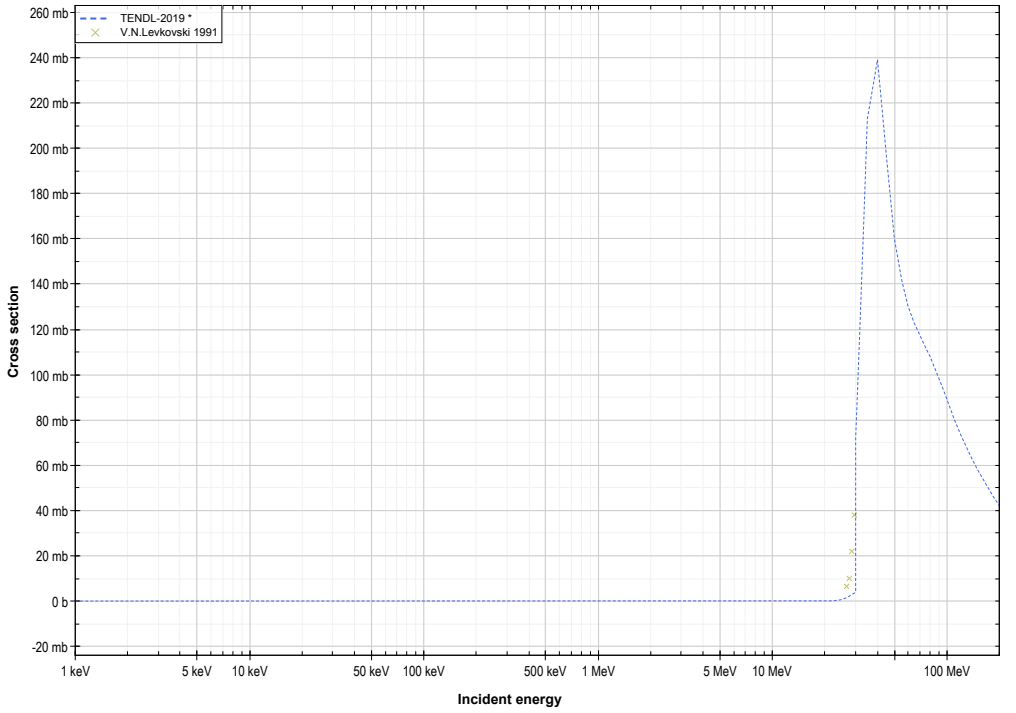
Reaction	Q-Value
Se74(p,t)Se72	-12005.84 keV
Se74(p,n+d)Se72	-18263.07 keV
Se74(p,2n+p)Se72	-20487.64 keV

<< 31-Ga-71	**34-Se-74**	34-Se-76 >>
<< MT105 (p,t)	**MT106 (p,³He) or MT5 (As72 production)**	MT107 (p,α) >>

Se74 (p,³He) or As72 production log-log



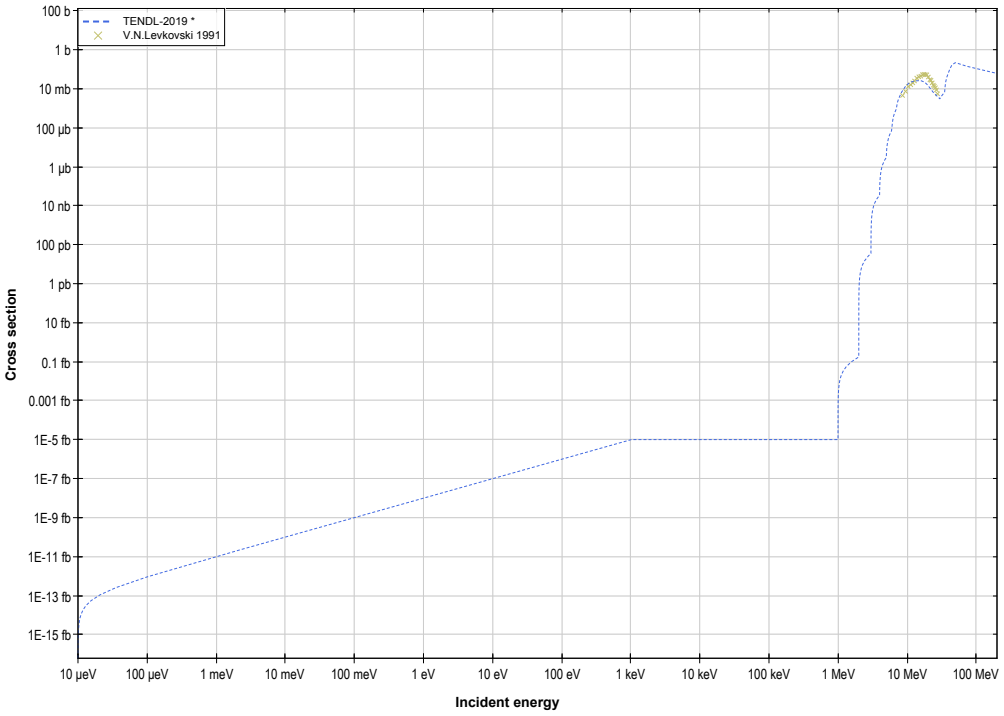
Se74 (p,³He) or As72 production lin-log



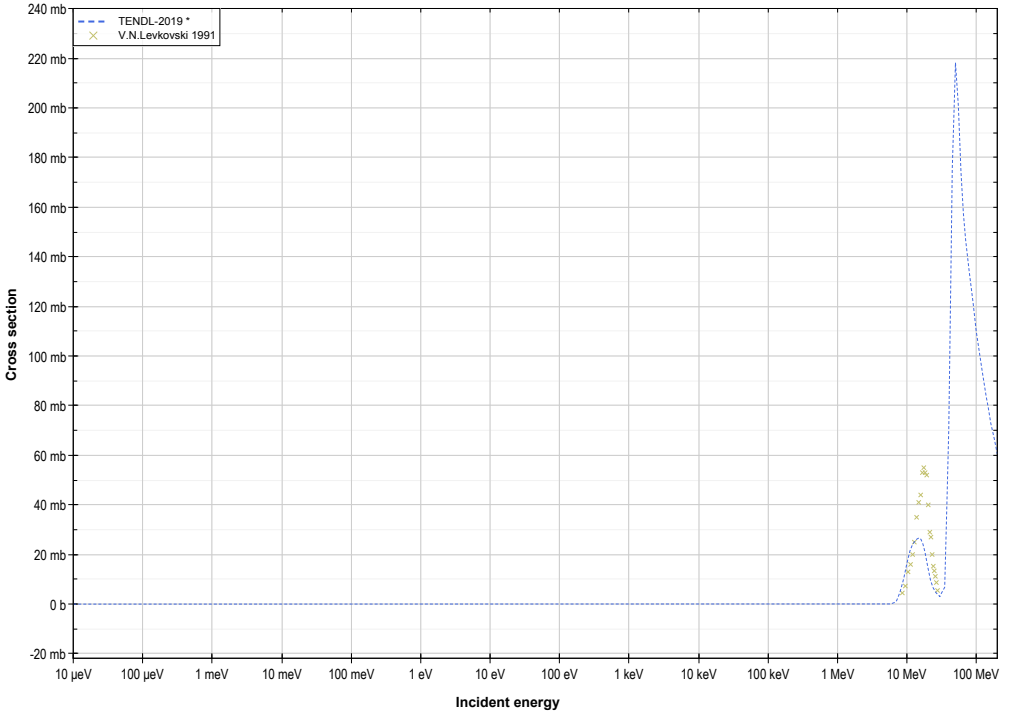
Reaction	Q-Value
Se74(p,He3)As72	-11625.45 keV
Se74(p,p+d)As72	-17118.92 keV
Se74(p,n+2p)As72	-19343.49 keV

<< 32-Ge-76	**34-Se-74**	34-Se-76 >>
<< MT106 (p,³He)	**MT107 (p,α) or MT5 (As71 production)**	MT115 (p,p+d) >>

Se74 (p,α) or As71 production log-log



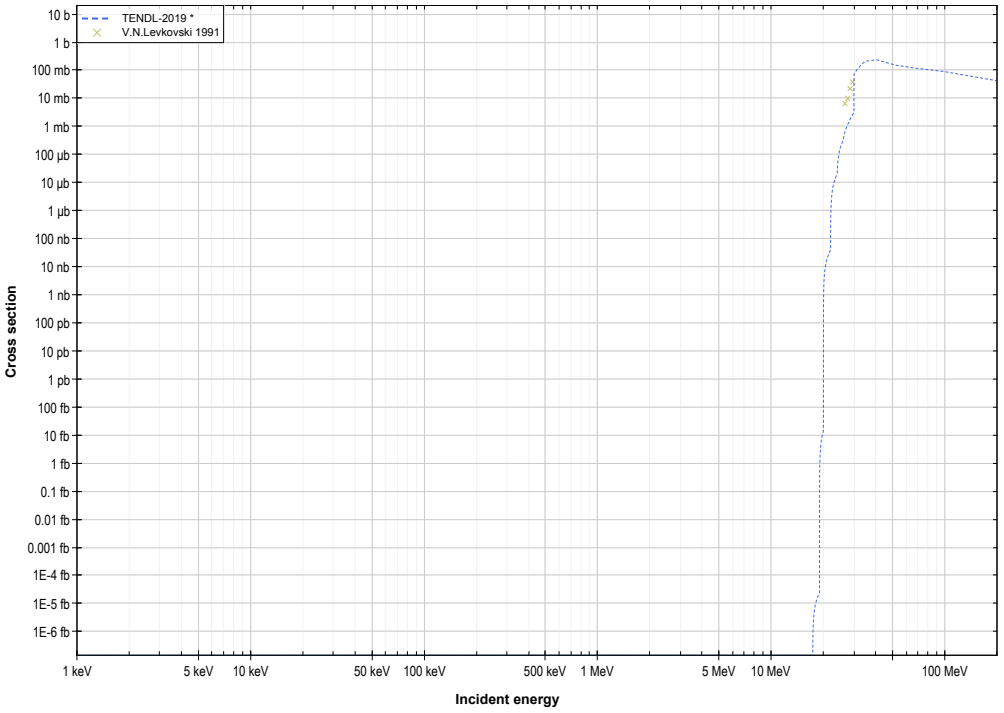
Se74 (p,α) or As71 production lin-log



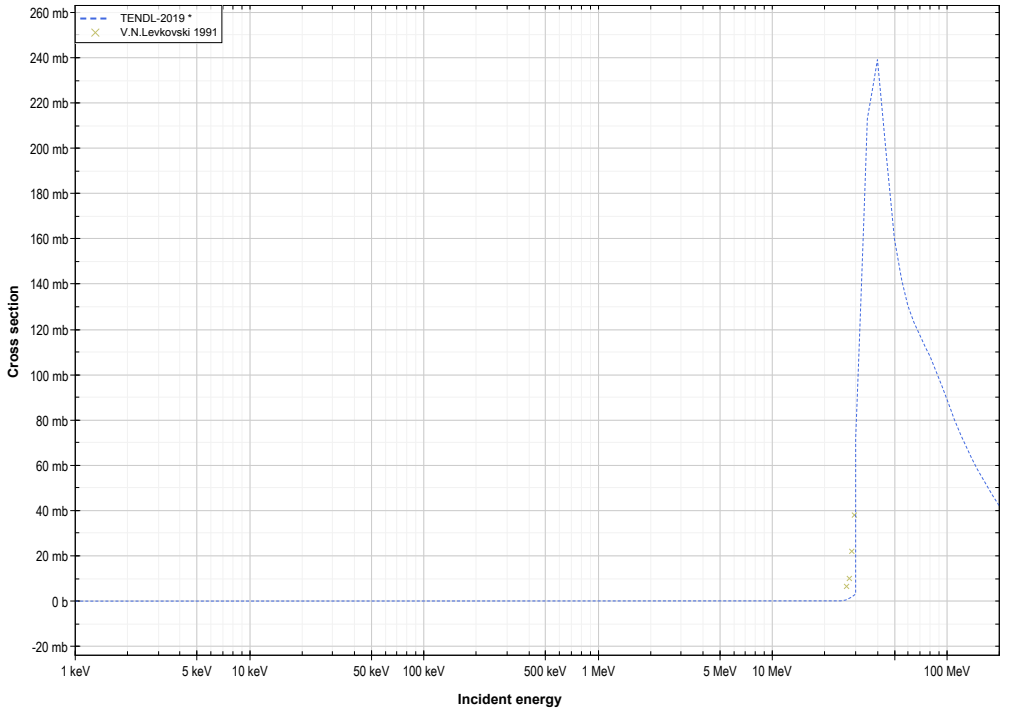
Reaction	Q-Value
Se74(p,α)As71	543.85 keV
Se74(p,p+t)As71	-19270.01 keV
Se74(p,n+He3)As71	-20033.77 keV
Se74(p,2d)As71	-23302.67 keV
Se74(p,n+p+d)As71	-25527.24 keV
Se74(p,2n+2p)As71	-27751.81 keV

<< 31-Ga-71	**34-Se-74**	34-Se-76 >>
<< MT107 (p,α)	**MT115 (p,p+d) or MT5 (As72 production)**	MT176 (p,2n+^{3}He) >>

Se74 (p,p+d) or As72 production log-log



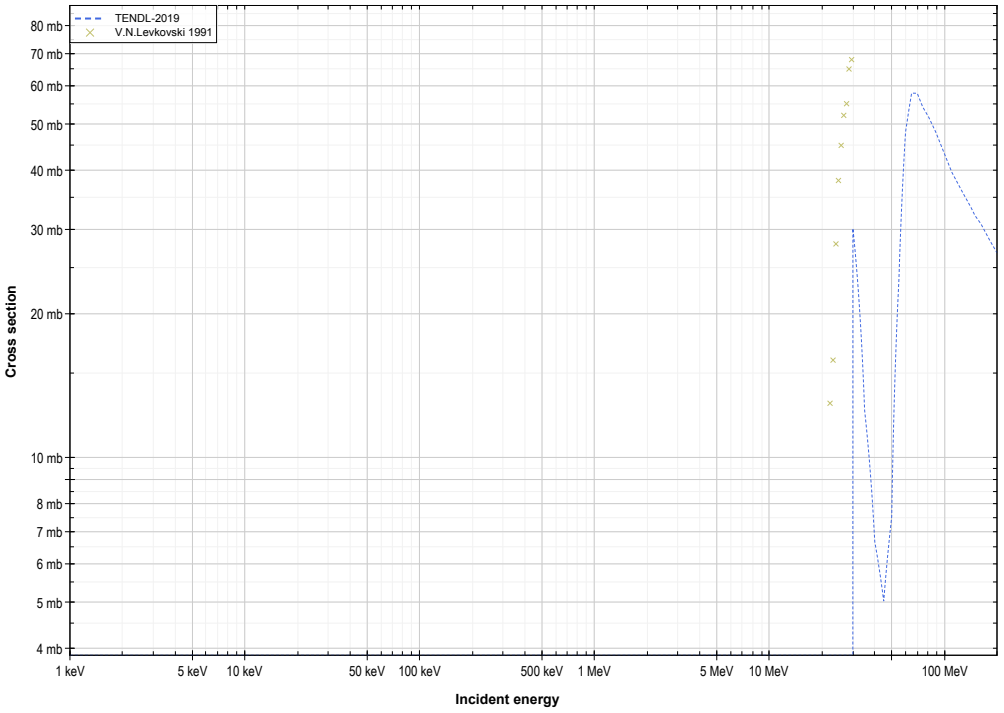
Se74 (p,p+d) or As72 production lin-log



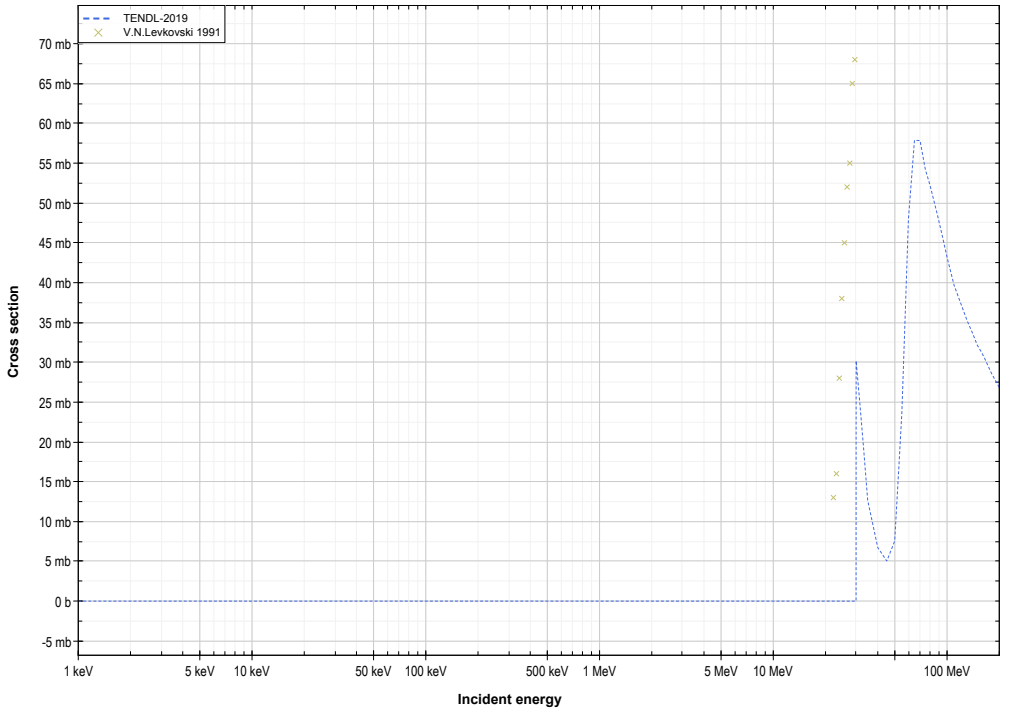
Reaction	Q-Value
Se74(p,He3)As72	-11625.45 keV
Se74(p,p+d)As72	-17118.92 keV
Se74(p,n+2p)As72	-19343.49 keV

<< 32-Ge-76	**34-Se-74**	34-Se-76 >>
<< MT115 (p,p+d)	**MT176 (p,2n+^{3}He) or MT5 (As70 production)**	MT179 (p,3n+2p) >>

Se74 (p,2n+^{3}He) or As70 production log-log



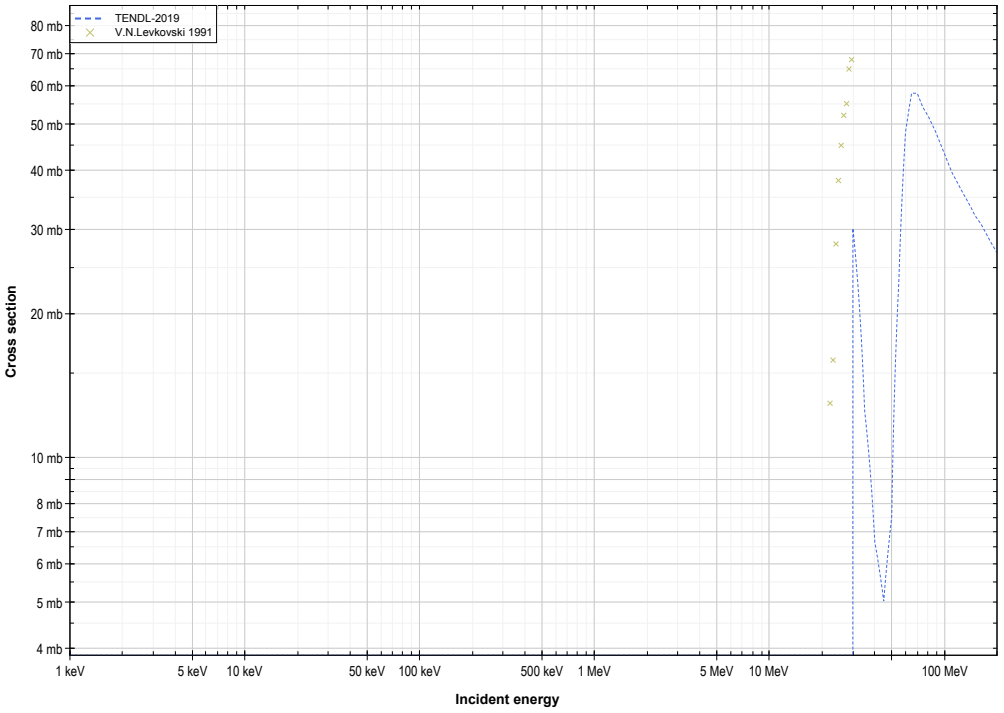
Se74 (p,2n+^{3}He) or As70 production lin-log



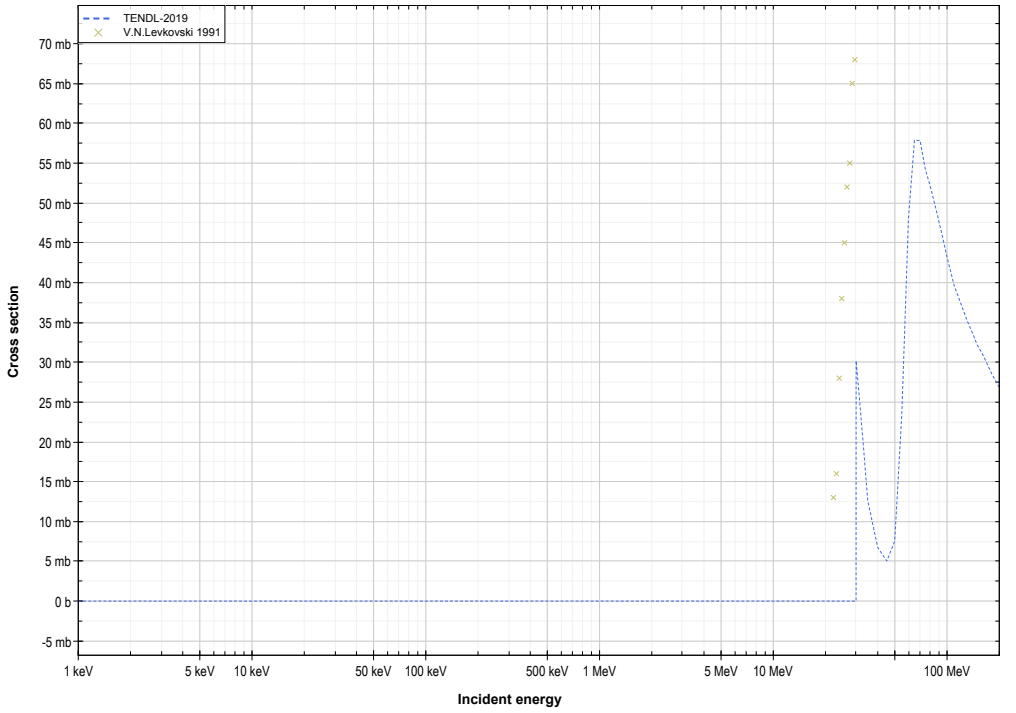
Reaction	Q-Value
Se74(p,n+α)As70	-11080.46 keV
Se74(p,d+t)As70	-28669.76 keV
Se74(p,n+p+t)As70	-30894.33 keV
Se74(p,2n+He3)As70	-31658.08 keV
Se74(p,n+2d)As70	-34926.99 keV
Se74(p,2n+p+d)As70	-37151.56 keV
Se74(p,3n+2p)As70	-39376.12 keV

<< 32-Ge-76	**34-Se-74**	34-Se-76 >>
<< MT176 (p,2n+³He)	**MT179 (p,3n+2p) or MT5 (As70 production)**	MT182 (p,d+t) >>

Se74 (p,3n+2p) or As70 production log-log



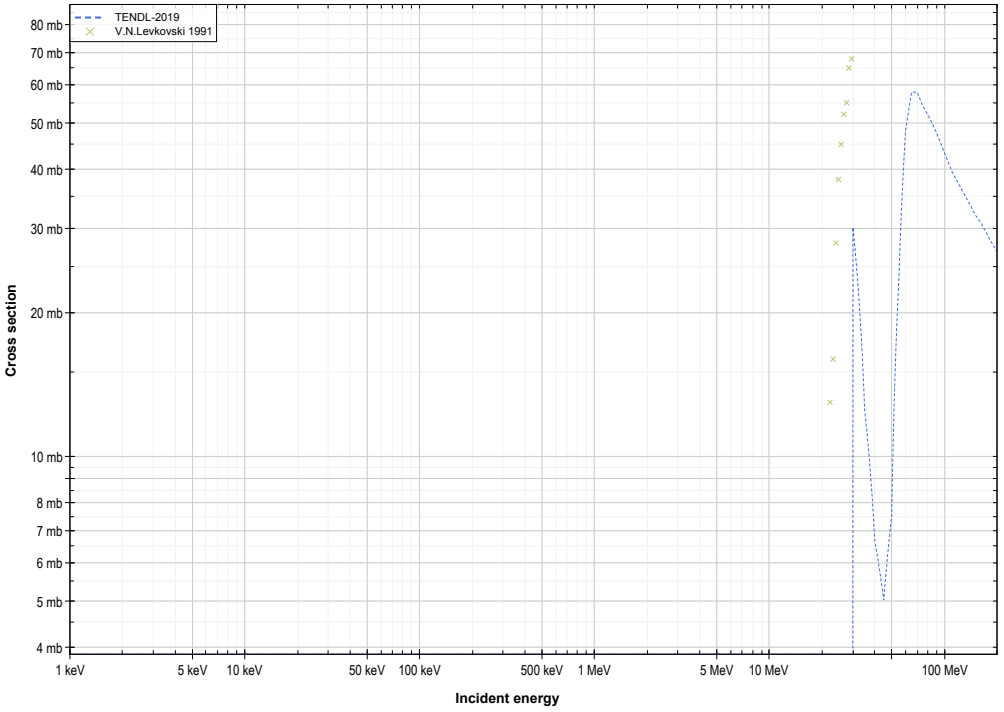
Se74 (p,3n+2p) or As70 production lin-log



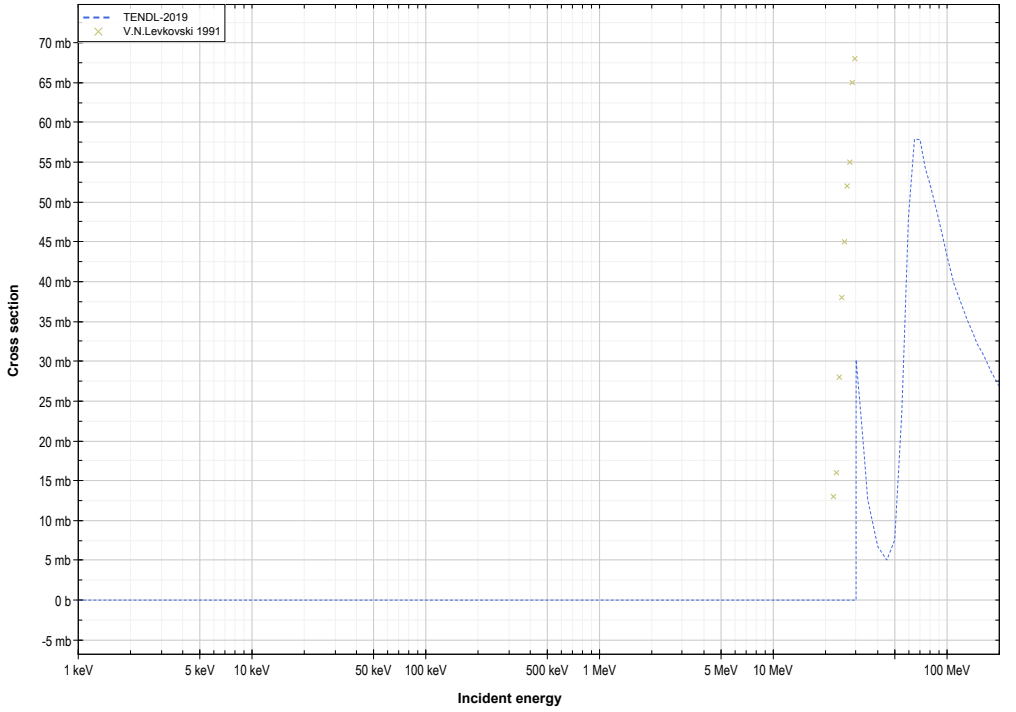
Reaction	Q-Value
Se74(p,n+α)As70	-11080.46 keV
Se74(p,d+t)As70	-28669.76 keV
Se74(p,n+p+t)As70	-30894.33 keV
Se74(p,2n+He3)As70	-31658.08 keV
Se74(p,n+2d)As70	-34926.99 keV
Se74(p,2n+p+d)As70	-37151.56 keV
Se74(p,3n+2p)As70	-39376.12 keV

<< 32-Ge-76	**34-Se-74**	34-Se-76 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (As70 production)**	MT184 (p,n+p+t) >>

Se74 (p,d+t) or As70 production log-log



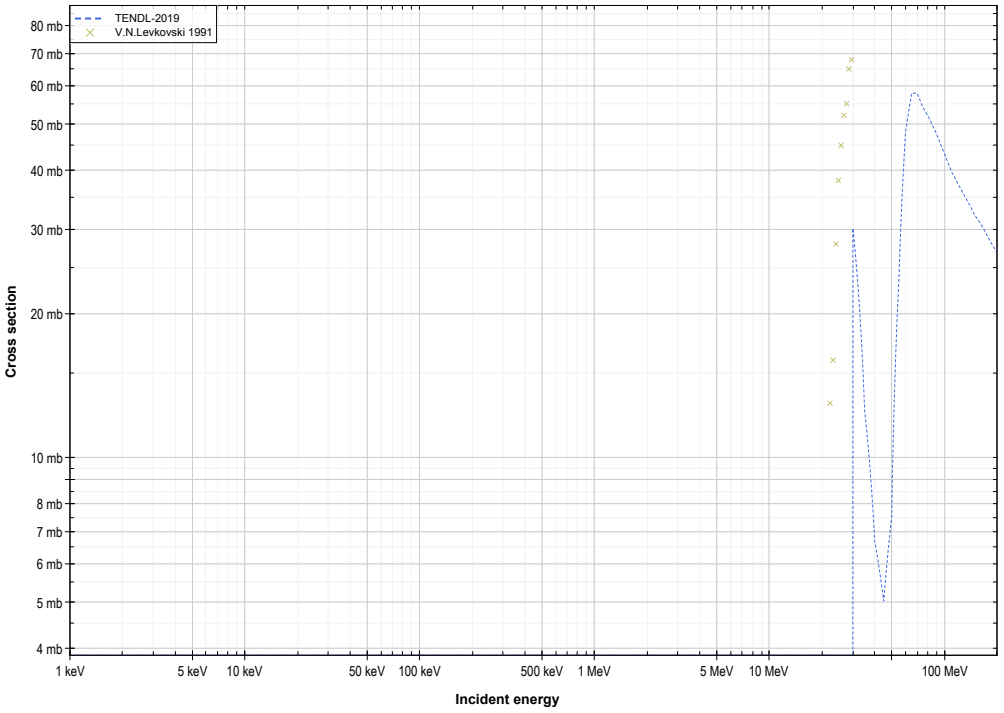
Se74 (p,d+t) or As70 production lin-log



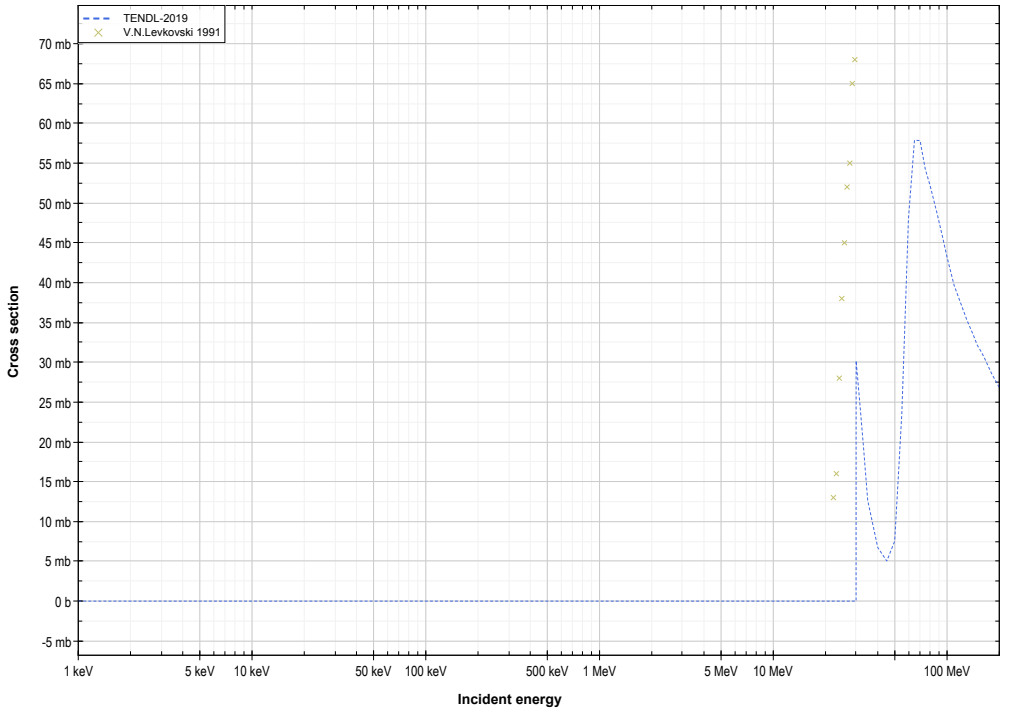
Reaction	Q-Value
Se74(p,n+α)As70	-11080.46 keV
Se74(p,d+t)As70	-28669.76 keV
Se74(p,n+p+t)As70	-30894.33 keV
Se74(p,2n+He3)As70	-31658.08 keV
Se74(p,n+2d)As70	-34926.99 keV
Se74(p,2n+p+d)As70	-37151.56 keV
Se74(p,3n+2p)As70	-39376.12 keV

<< 32-Ge-76	**34-Se-74**	34-Se-76 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (As70 production)**	34-Se-76 MT4 (p,n) >>

Se74 (p,n+p+t) or As70 production log-log



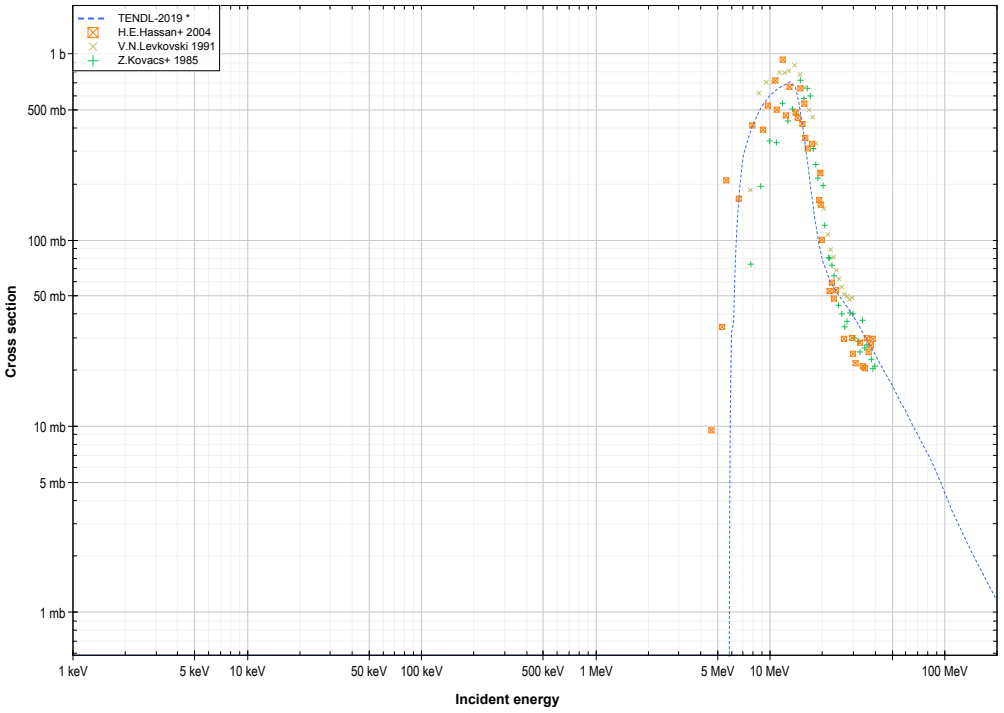
Se74 (p,n+p+t) or As70 production lin-log



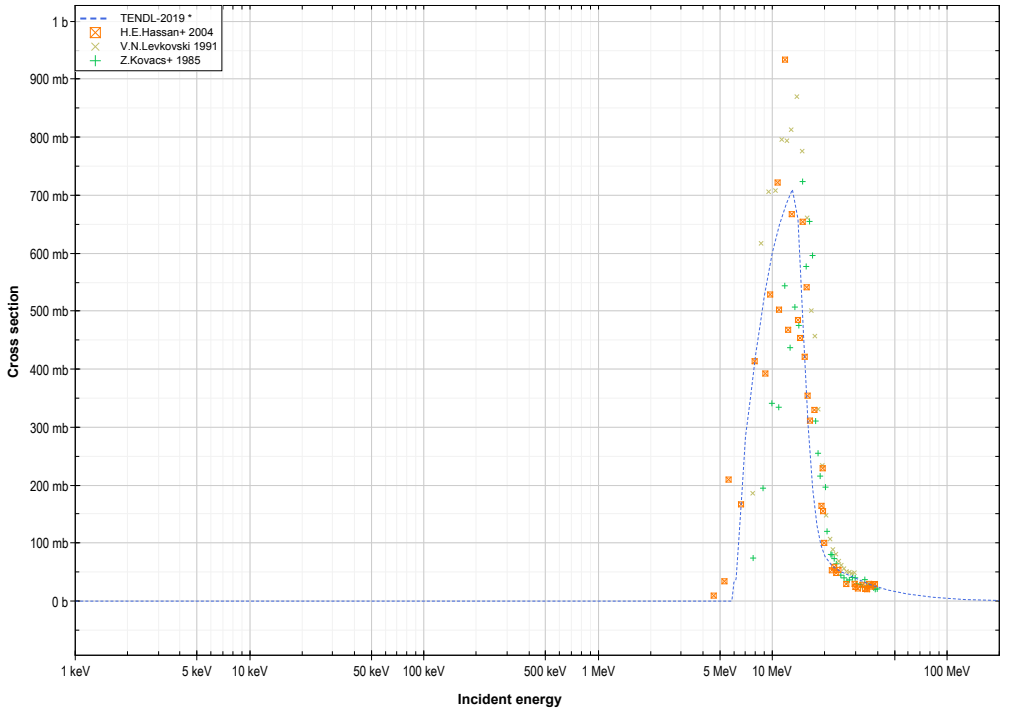
Reaction	Q-Value
Se74(p,n+α)As70	-11080.46 keV
Se74(p,d+t)As70	-28669.76 keV
Se74(p,n+p+t)As70	-30894.33 keV
Se74(p,2n+He3)As70	-31658.08 keV
Se74(p,n+2d)As70	-34926.99 keV
Se74(p,2n+p+d)As70	-37151.56 keV
Se74(p,3n+2p)As70	-39376.12 keV

<< 33-As-75	**34-Se-76**	34-Se-77 >>
<< 34-Se-74 MT184 (p,n+p+t)	**MT4 (p,n) or MT5 (Br76 production)**	MT16 (p,2n) >>

Se76 (p,n) or Br76 production log-log



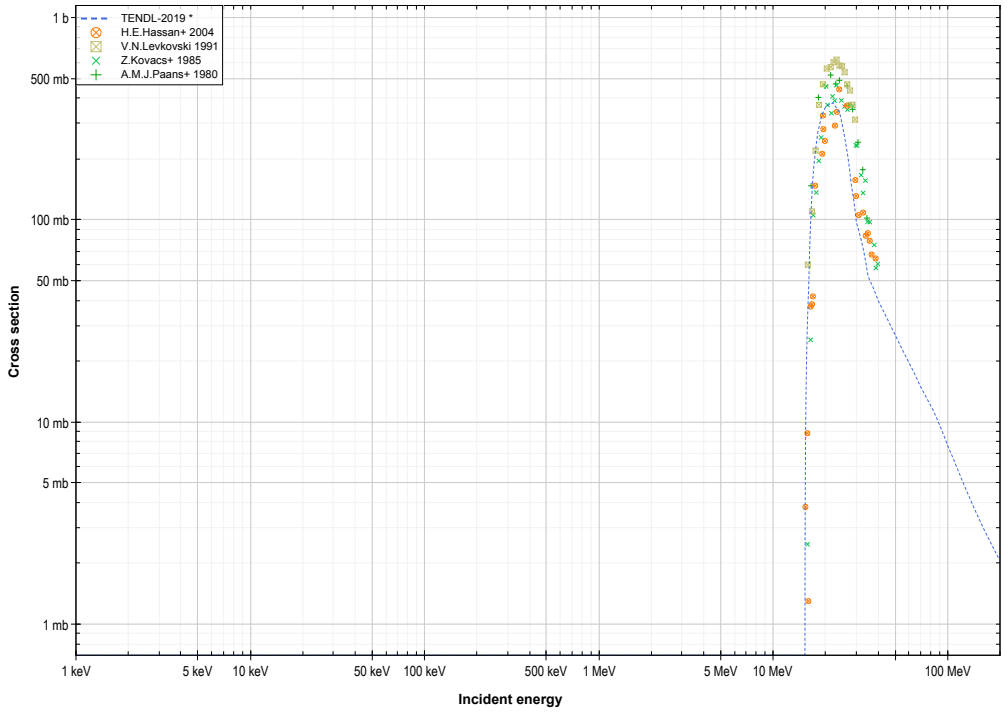
Se76 (p,n) or Br76 production lin-log



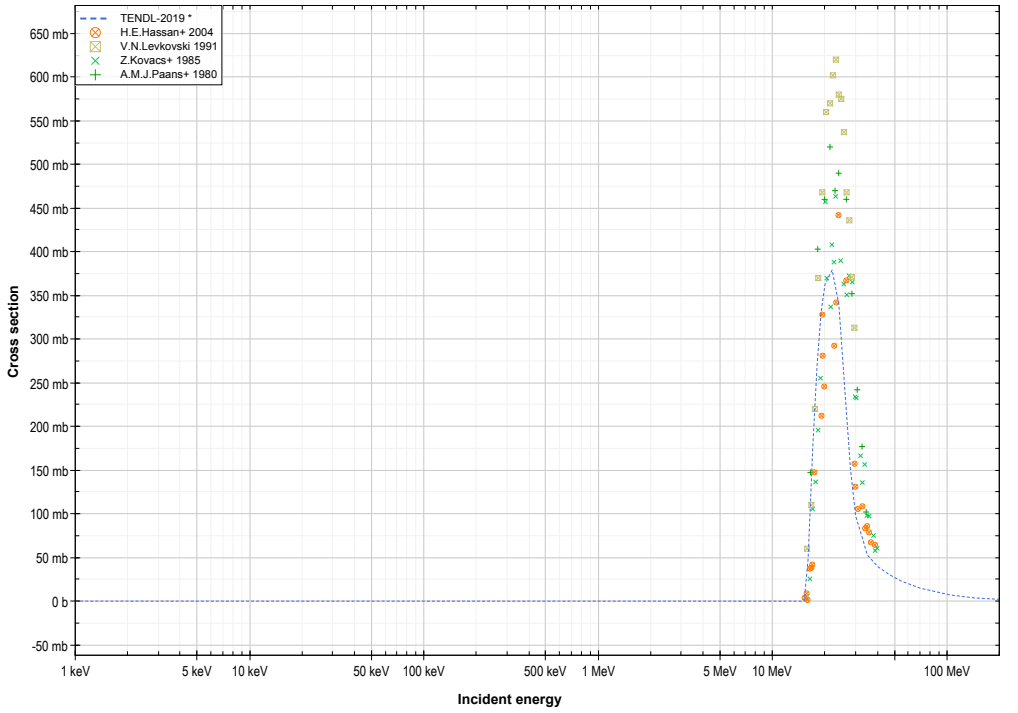
Reaction	Q-Value
Se76(p,n)Br76	-5745.30 keV

<< 32-Ge-76	**34-Se-76**	34-Se-77 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Br75 production)**	MT17 (p,3n) >>

Se76 (p,2n) or Br75 production log-log



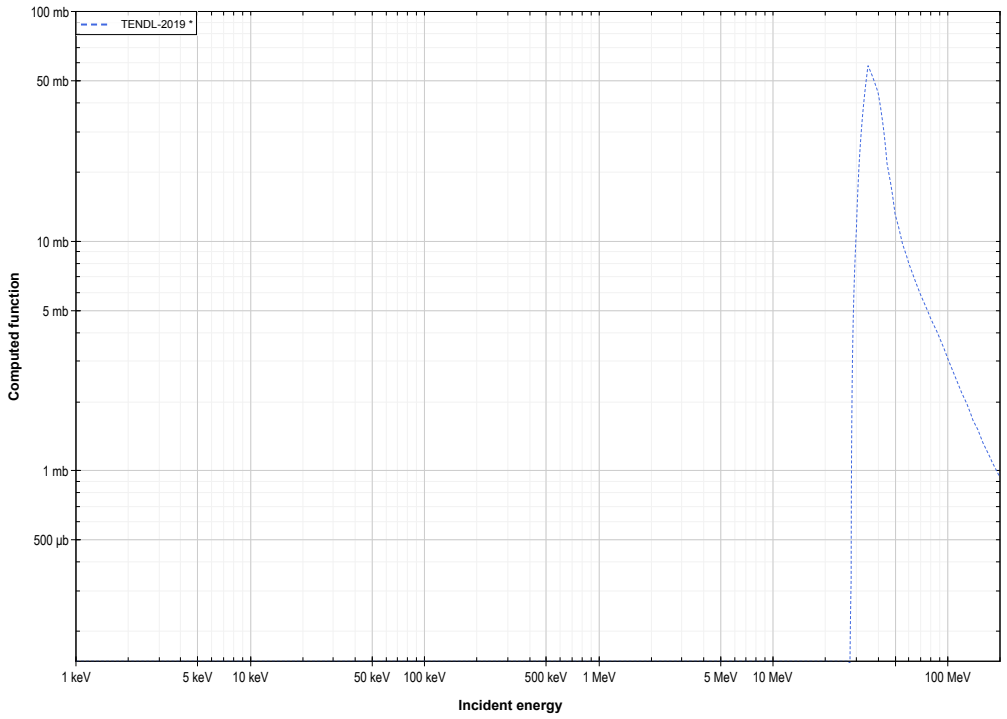
Se76 (p,2n) or Br75 production lin-log



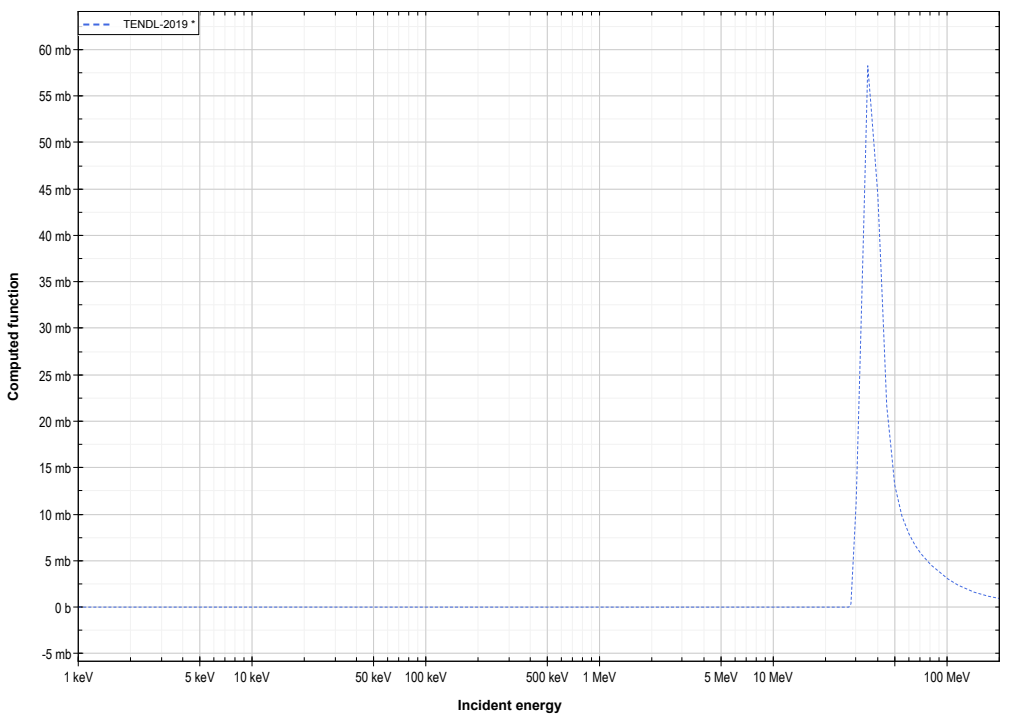
Reaction	Q-Value
Se76(p,2n)Br75	-14998.61 keV

<< 33-As-75	**34-Se-76**	34-Se-77 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Br74 production)**	MT22 (p,n+α) >>

Se76 (p,3n) or Br74 production log-log



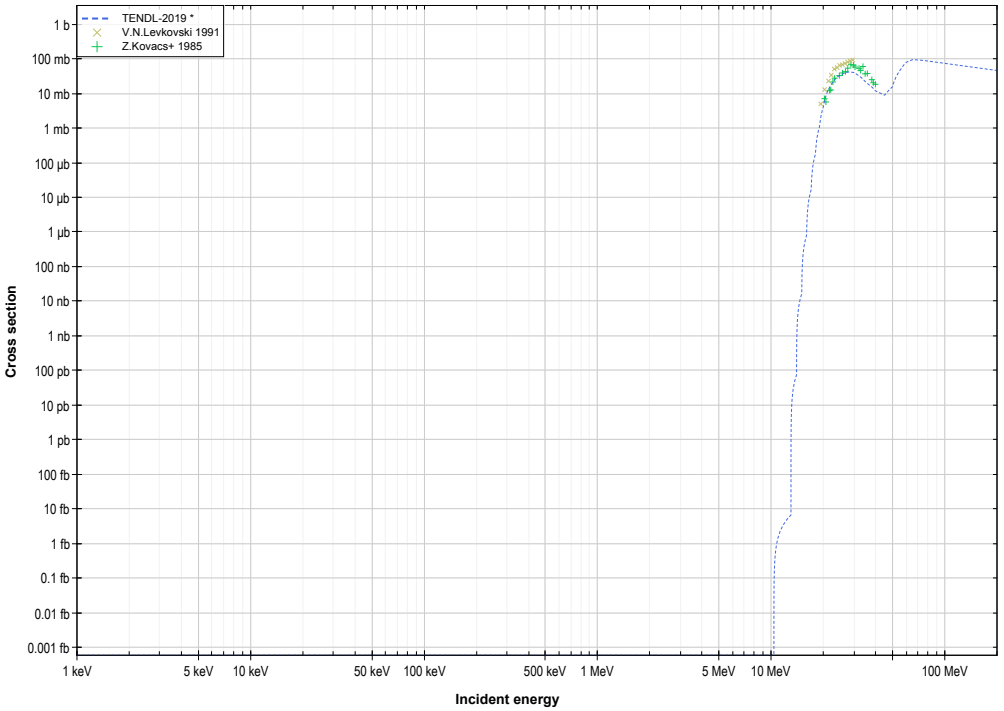
Se76 (p,3n) or Br74 production lin-log



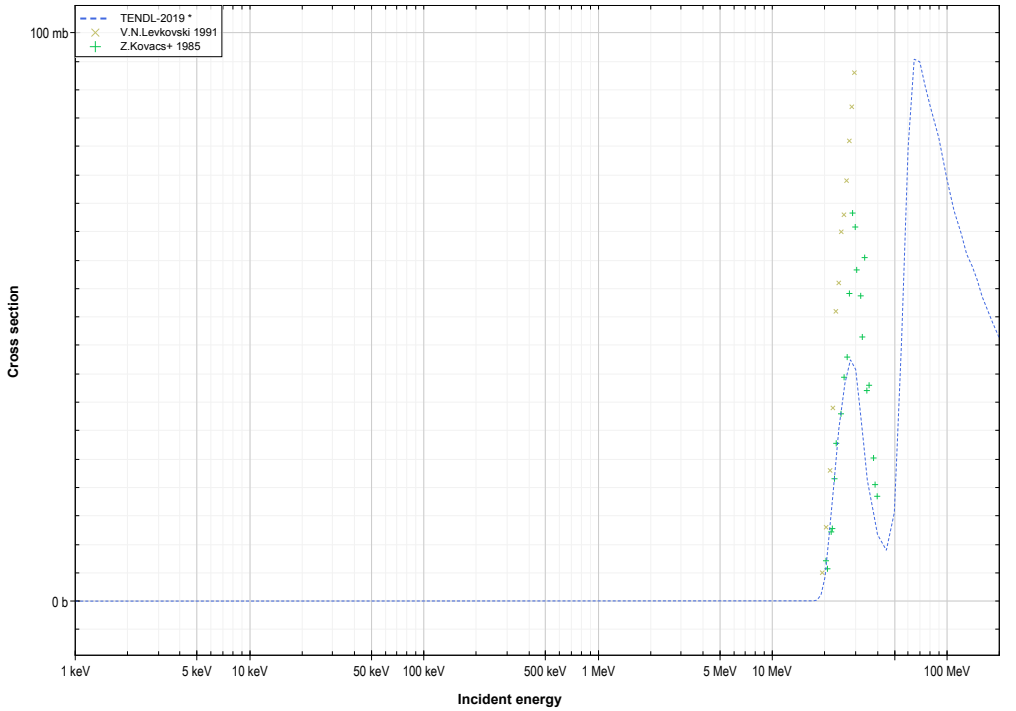
Reaction	Q-Value
Se76(p,3n)Br74	-26888.93 keV

<< 34-Se-74	**34-Se-76**	34-Se-78 >>
<< MT17 (p,3n)	**MT22 (p,n+α) or MT5 (As72 production)**	MT24 (p,2n+α) >>

Se76 (p,n+α) or As72 production log-log



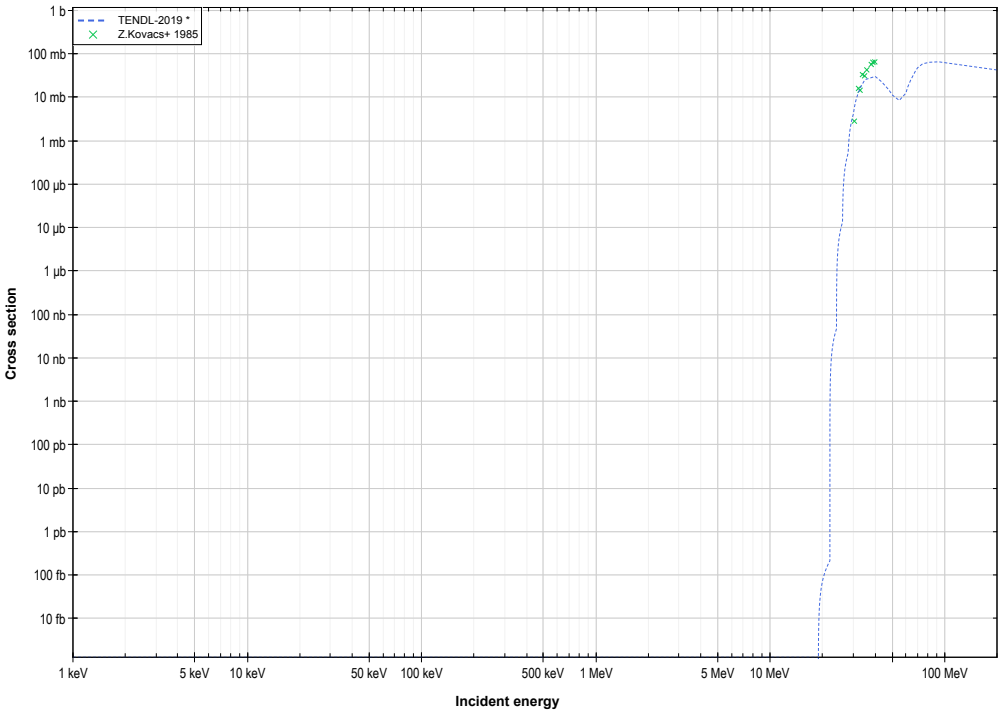
Se76 (p,n+α) or As72 production lin-log



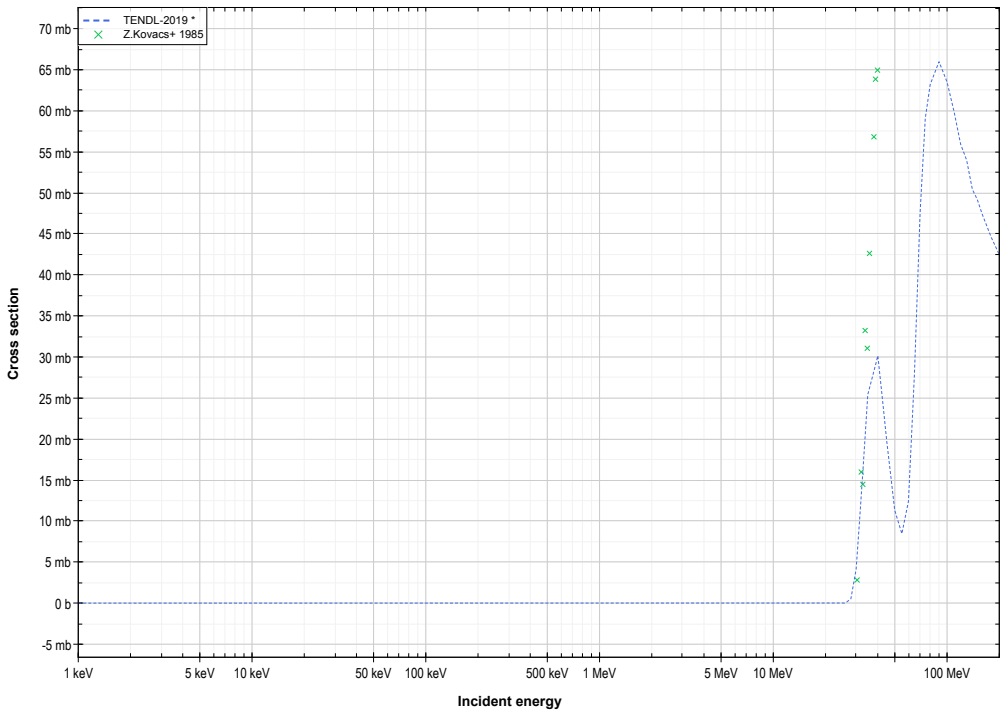
Reaction	Q-Value
Se76(p,n+α)As72	-10229.21 keV
Se76(p,d+t)As72	-27818.51 keV
Se76(p,n+p+t)As72	-30043.08 keV
Se76(p,2n+He3)As72	-30806.83 keV
Se76(p,n+2d)As72	-34075.74 keV
Se76(p,2n+p+d)As72	-36300.31 keV
Se76(p,3n+2p)As72	-38524.87 keV

<< 28-Ni-62	**34-Se-76**	41-Nb-93 >>
<< MT22 (p,n+α)	**MT24 (p,2n+α) or MT5 (As71 production)**	MT28 (p,n+p) >>

Se76 (p,2n+α) or As71 production log-log



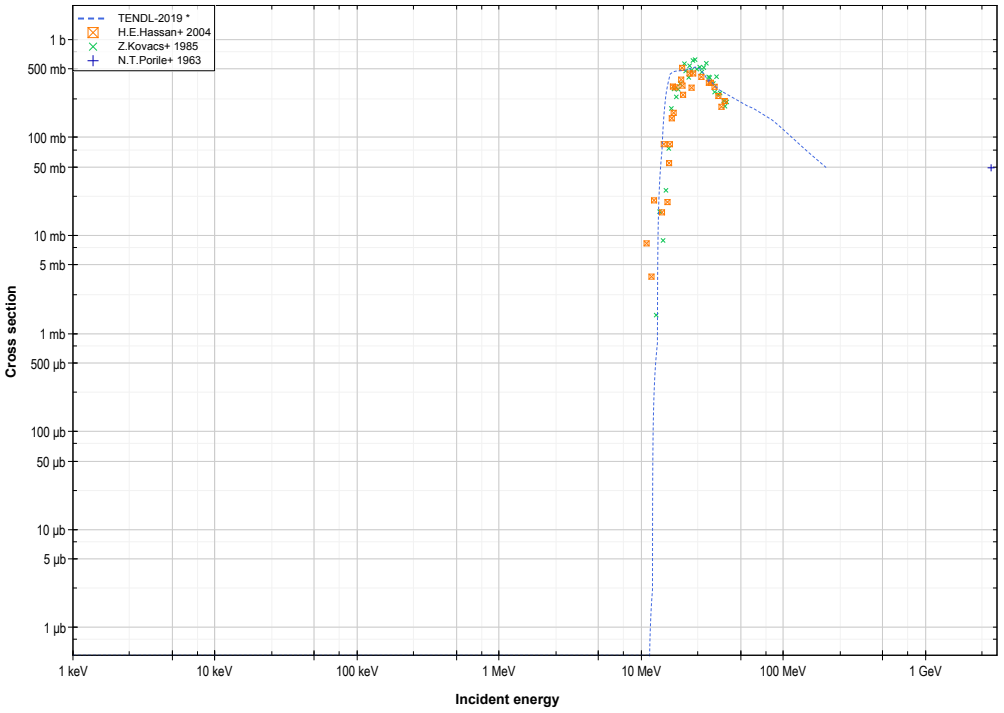
Se76 (p,2n+α) or As71 production lin-log



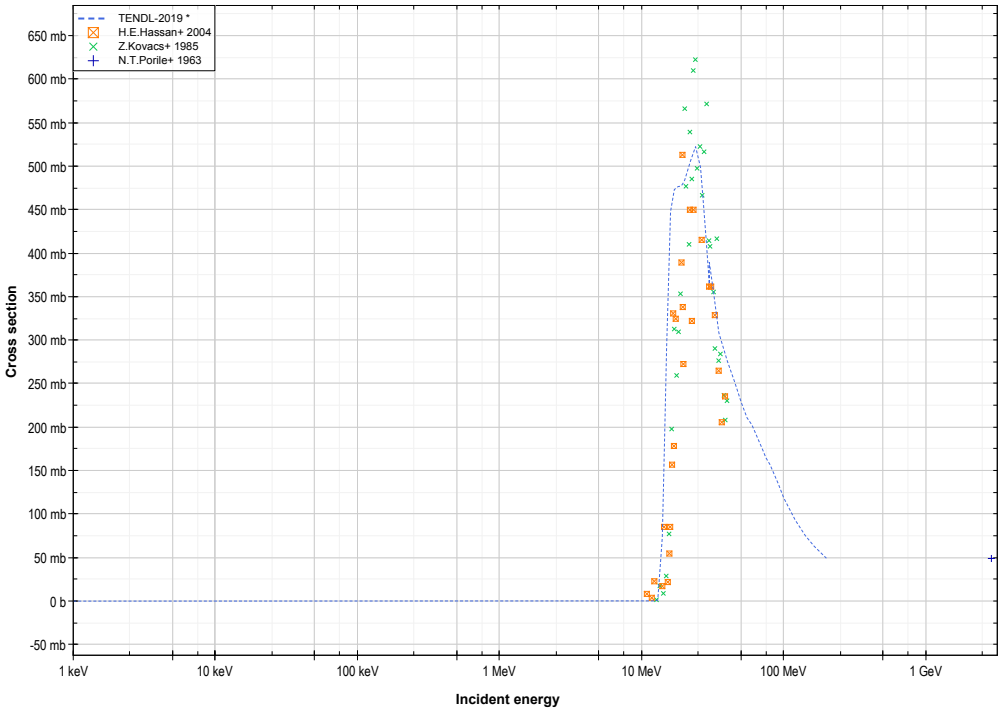
Reaction	Q-Value
Se76(p,2n+α)As71	-18637.53 keV
Se76(p,2t)As71	-29969.60 keV
Se76(p,n+d+t)As71	-36226.83 keV
Se76(p,2n+p+t)As71	-38451.39 keV
Se76(p,3n+He3)As71	-39215.15 keV
Se76(p,2n+2d)As71	-42484.06 keV
Se76(p,3n+p+d)As71	-44708.62 keV
Se76(p,4n+2p)As71	-46933.19 keV

<< 33-As-75	**34-Se-76**	35-Br-79 >>
<< MT24 (p,2n+α)	**MT28 (p,n+p) or MT5 (Se75 production)**	MT44 (p,n+2p) >>

Se76 (p,n+p) or Se75 production log-log



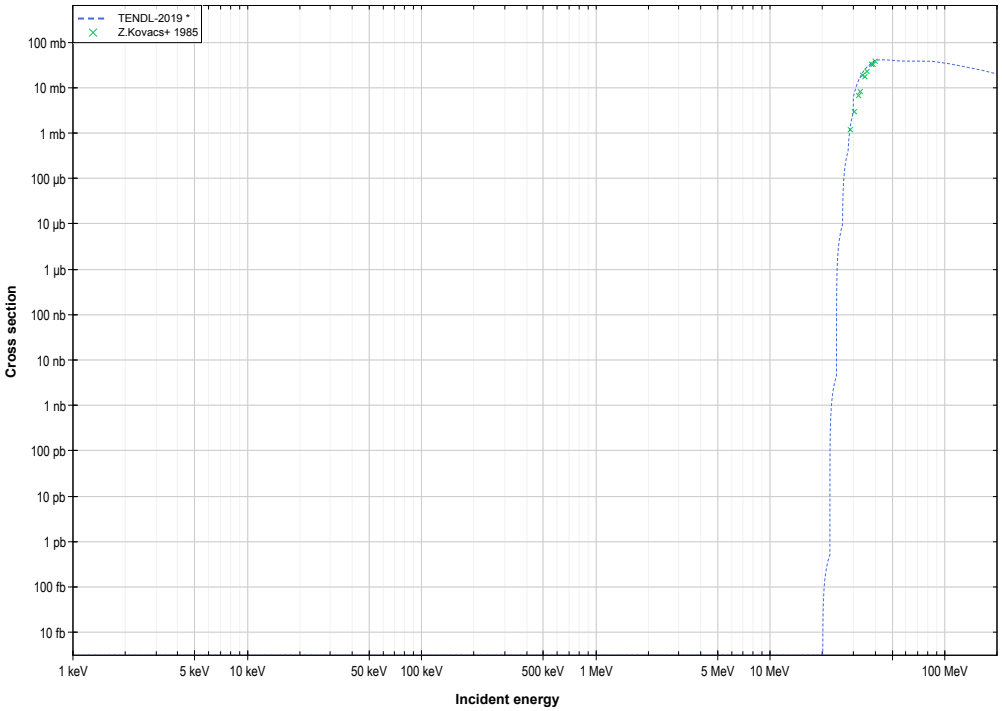
Se76 (p,n+p) or Se75 production lin-log



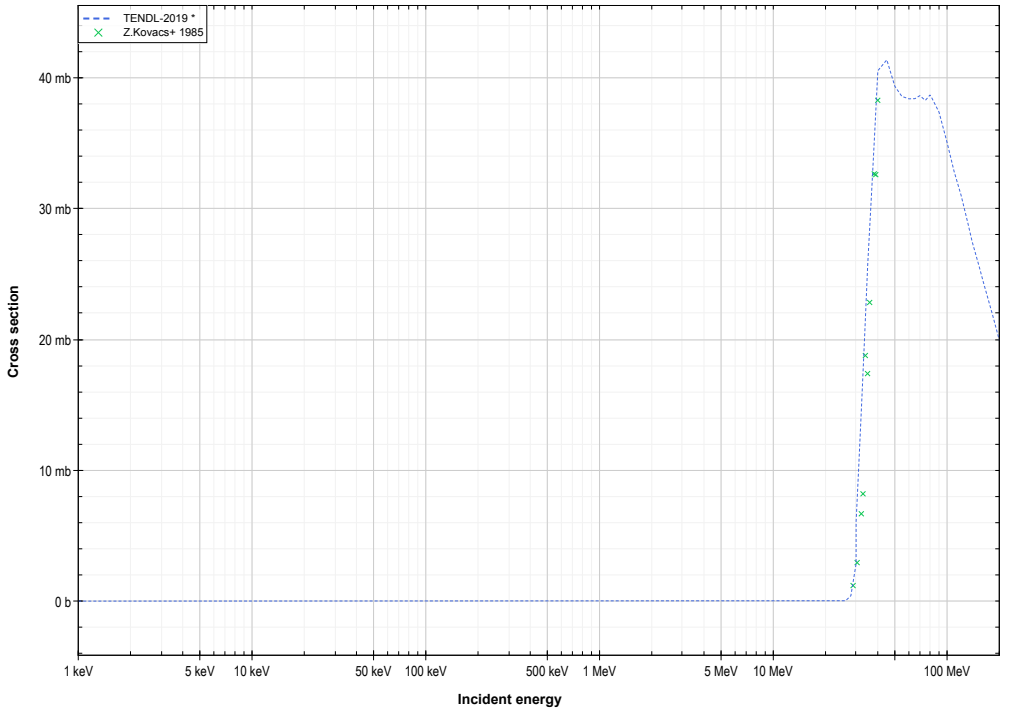
Reaction	Q-Value
Se76(p,d)Se75	-8929.22 keV
Se76(p,n+p)Se75	-11153.79 keV

<< 34-Se-74	**34-Se-76**	38-Sr-88 >>
<< MT28 (p,n+p)	**MT44 (p,n+2p) or MT5 (As74 production)**	MT104 (p,d) >>

Se76 (p,n+2p) or As74 production log-log



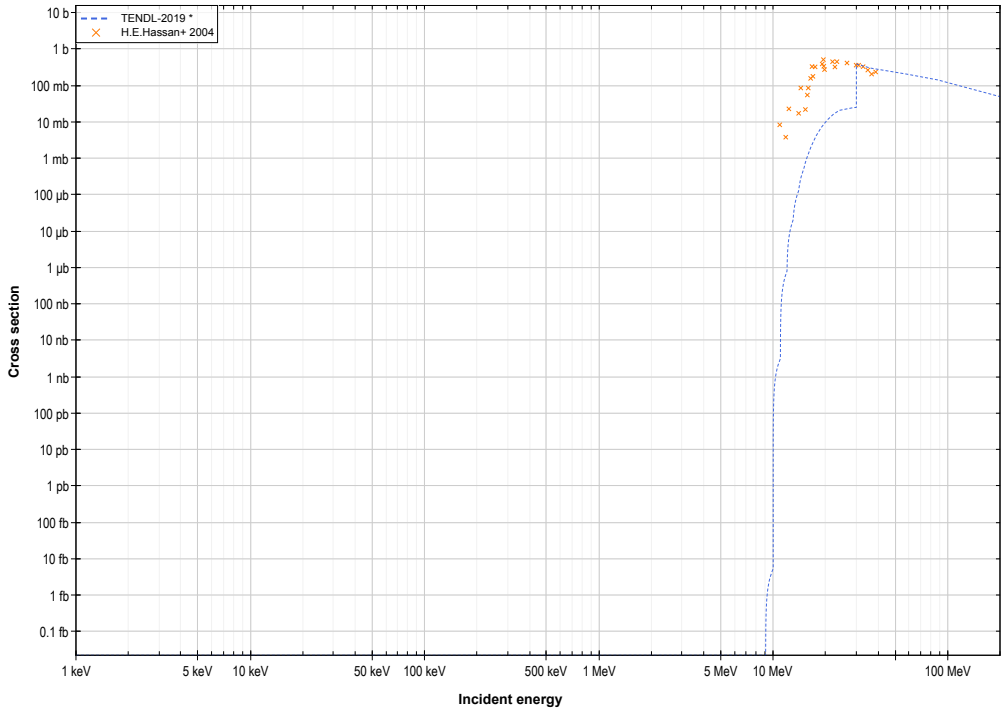
Se76 (p,n+2p) or As74 production lin-log



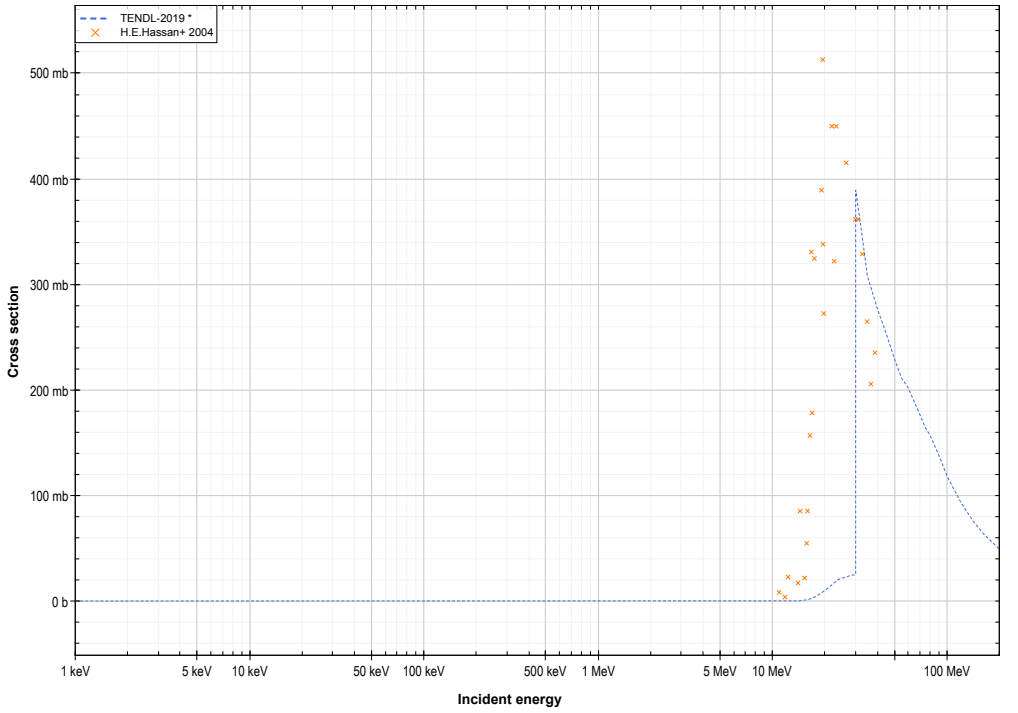
Reaction	Q-Value
Se76(p,He3)As74	-12034.10 keV
Se76(p,p+d)As74	-17527.57 keV
Se76(p,n+2p)As74	-19752.14 keV

<< 33-As-75	**34-Se-76**	35-Br-79 >>
<< MT44 (p,n+2p)	**MT104 (p,d) or MT5 (Se75 production)**	MT106 (p,³He) >>

Se76 (p,d) or Se75 production log-log



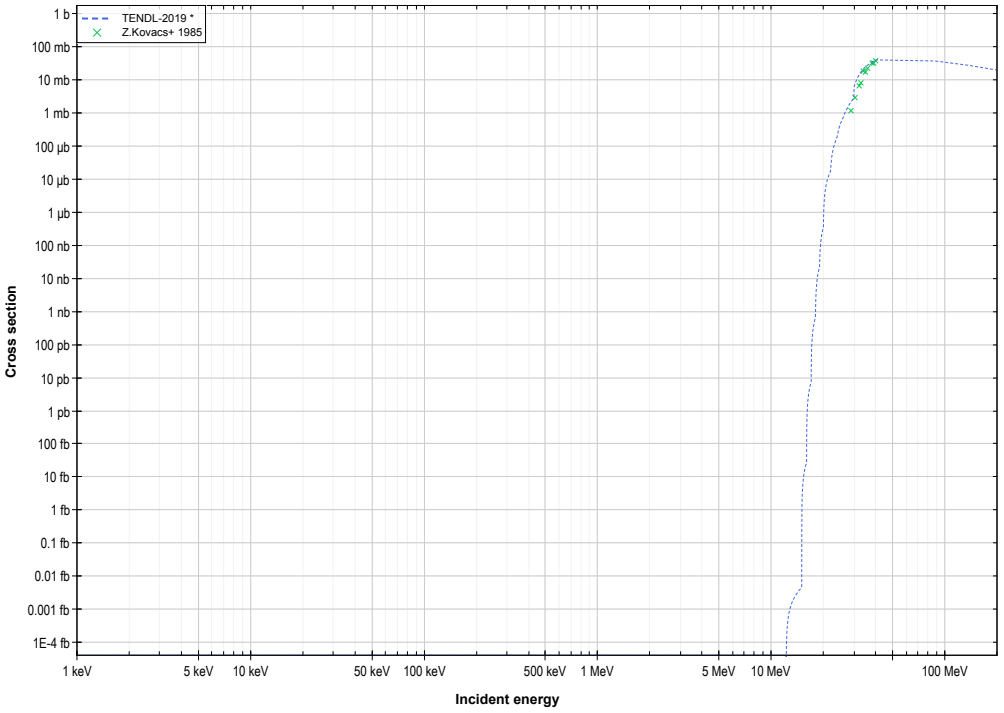
Se76 (p,d) or Se75 production lin-log



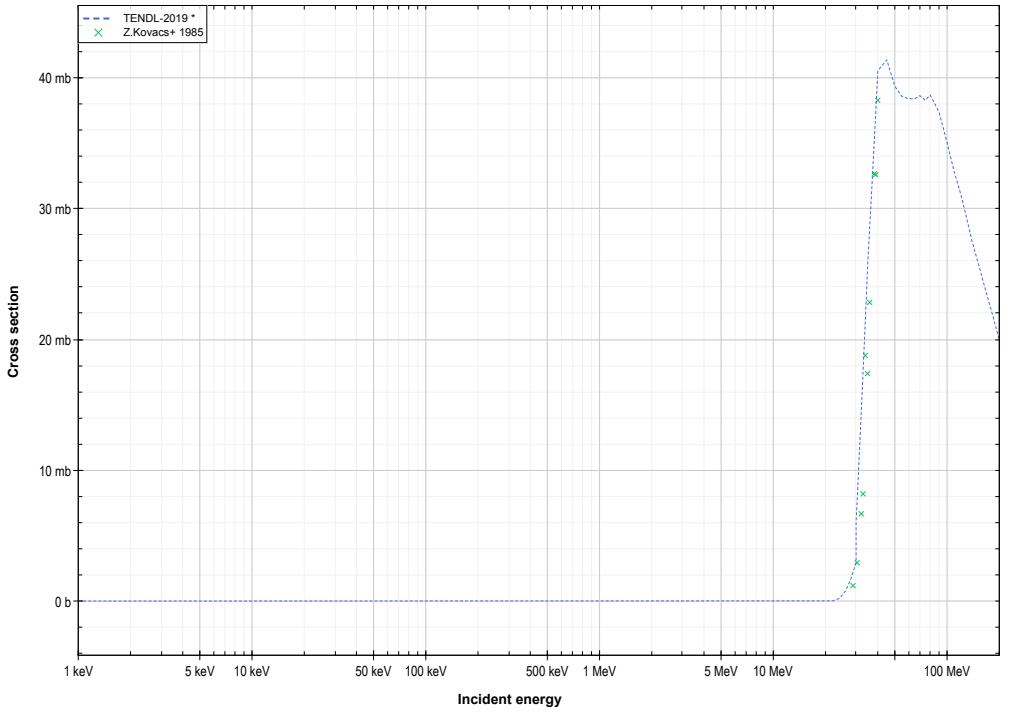
Reaction	Q-Value
Se76(p,d)Se75	-8929.22 keV
Se76(p,n+p)Se75	-11153.79 keV

<< 34-Se-74	**34-Se-76**	38-Sr-88 >>
<< MT104 (p,d)	**MT106 (p,³He) or MT5 (As74 production)**	MT107 (p,α) >>

Se76 (p,³He) or As74 production log-log



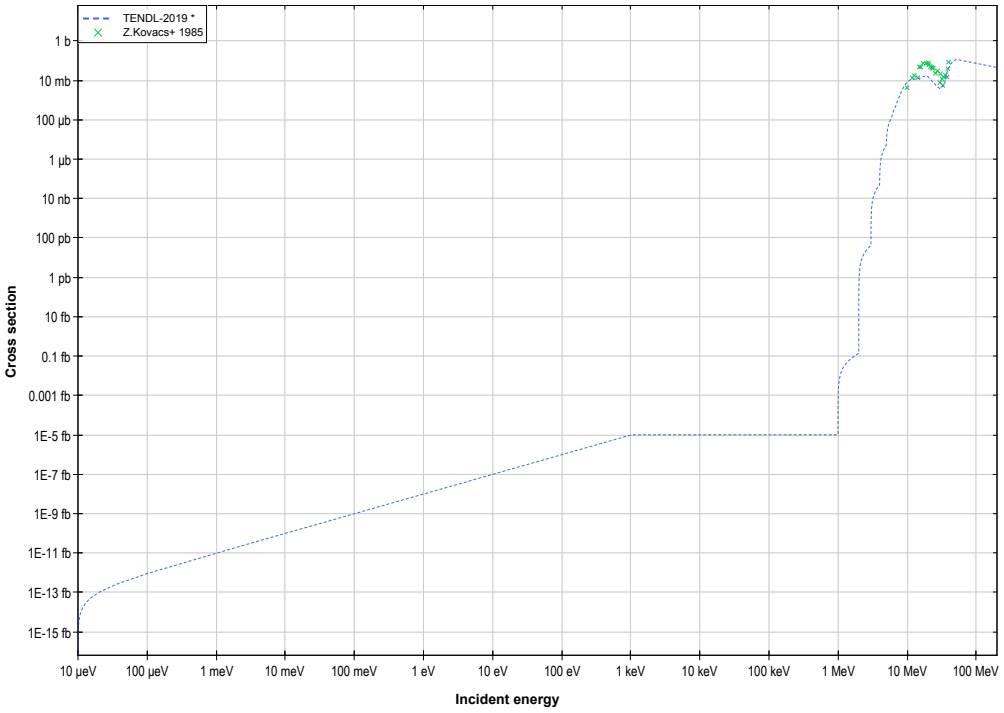
Se76 (p,³He) or As74 production lin-log



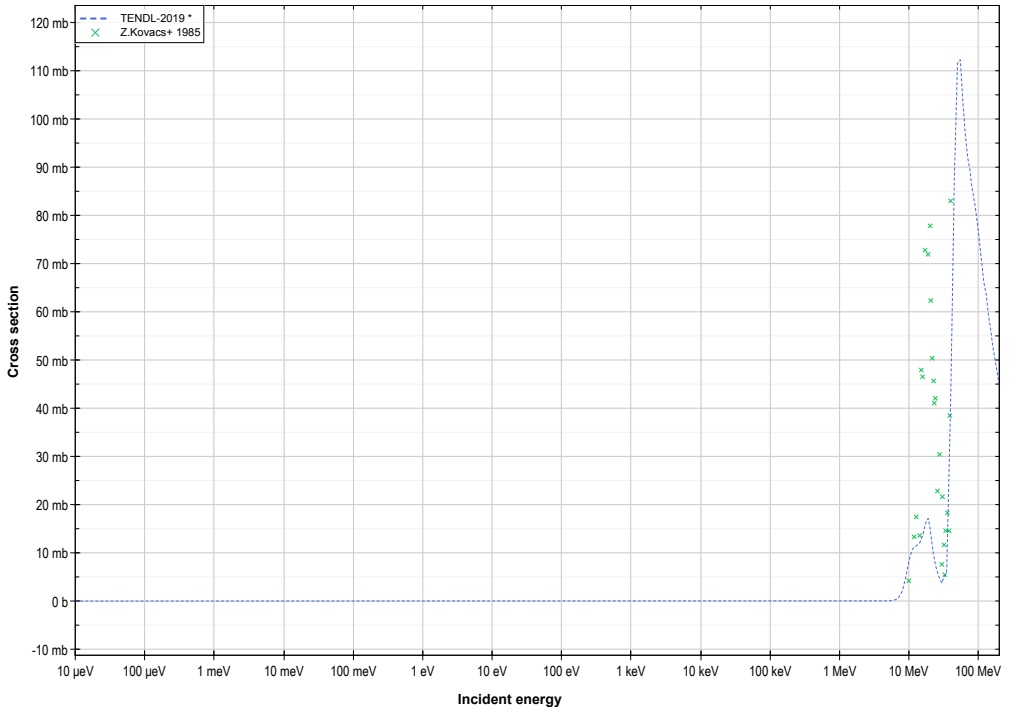
Reaction	Q-Value
Se76(p,He3)As74	-12034.10 keV
Se76(p,p+d)As74	-17527.57 keV
Se76(p,n+2p)As74	-19752.14 keV

<< 34-Se-74	**34-Se-76**	34-Se-77 >>
<< MT106 (p,³He)	**MT107 (p,α) or MT5 (As73 production)**	MT115 (p,p+d) >>

Se76 (p,α) or As73 production log-log



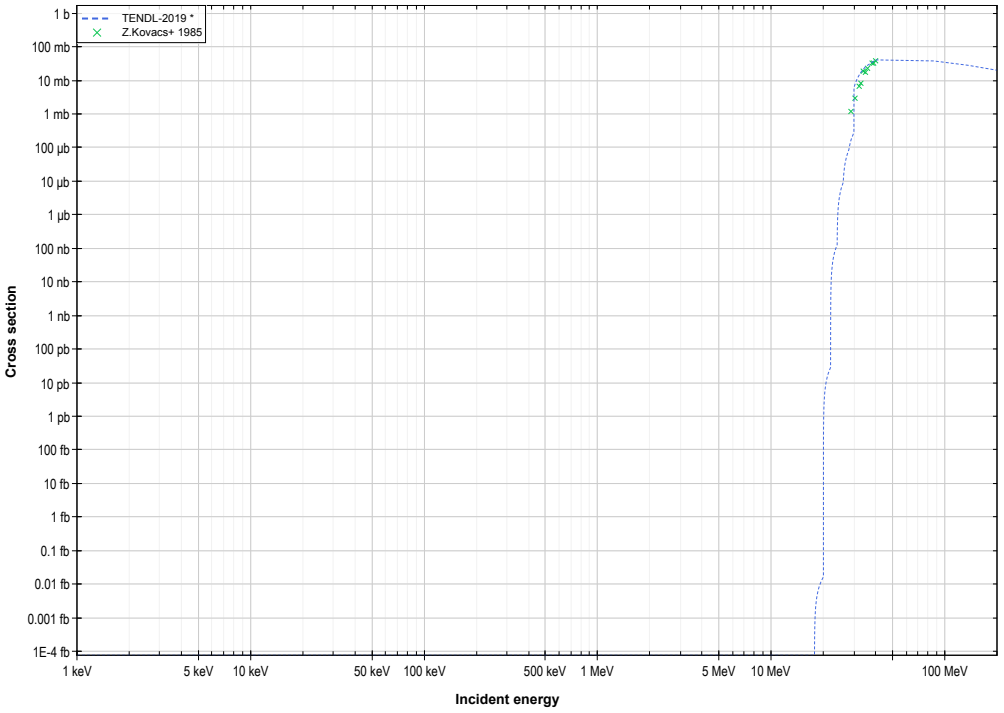
Se76 (p,α) or As73 production lin-log



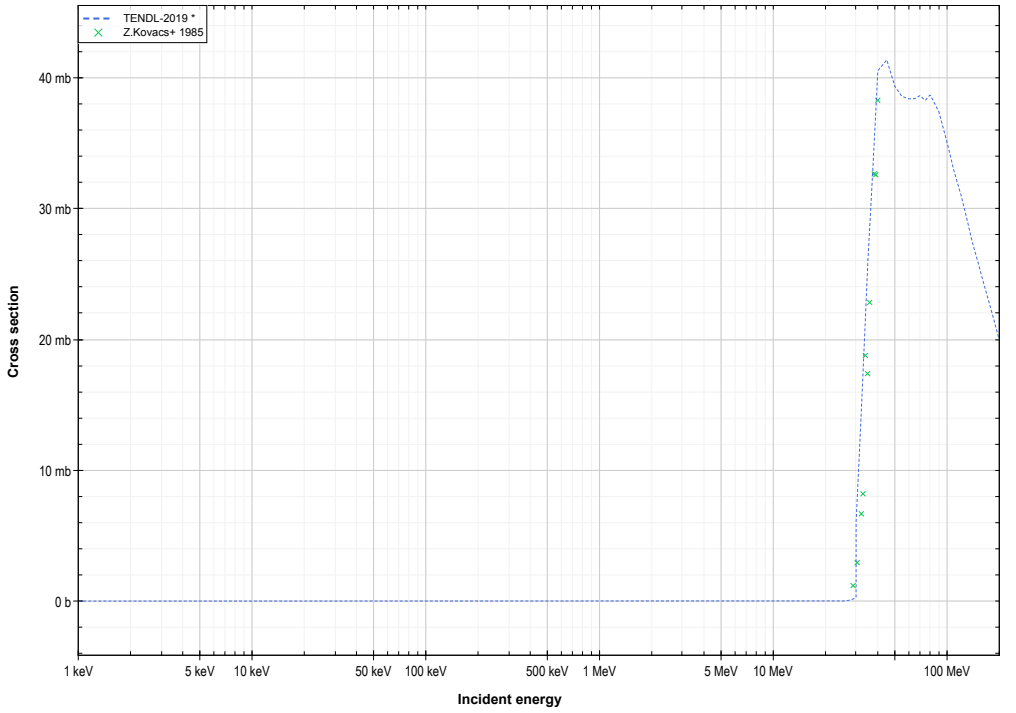
Reaction	Q-Value
Se76(p,α)As73	565.10 keV
Se76(p,p+t)As73	-19248.76 keV
Se76(p,n+He3)As73	-20012.51 keV
Se76(p,2d)As73	-23281.42 keV
Se76(p,n+p+d)As73	-25505.99 keV
Se76(p,2n+2p)As73	-27730.55 keV

<< 34-Se-74	**34-Se-76**	38-Sr-88 >>
<< MT107 (p,α)	**MT115 (p,p+d) or MT5 (As74 production)**	MT176 (p,2n+³He) >>

Se76 (p,p+d) or As74 production log-log



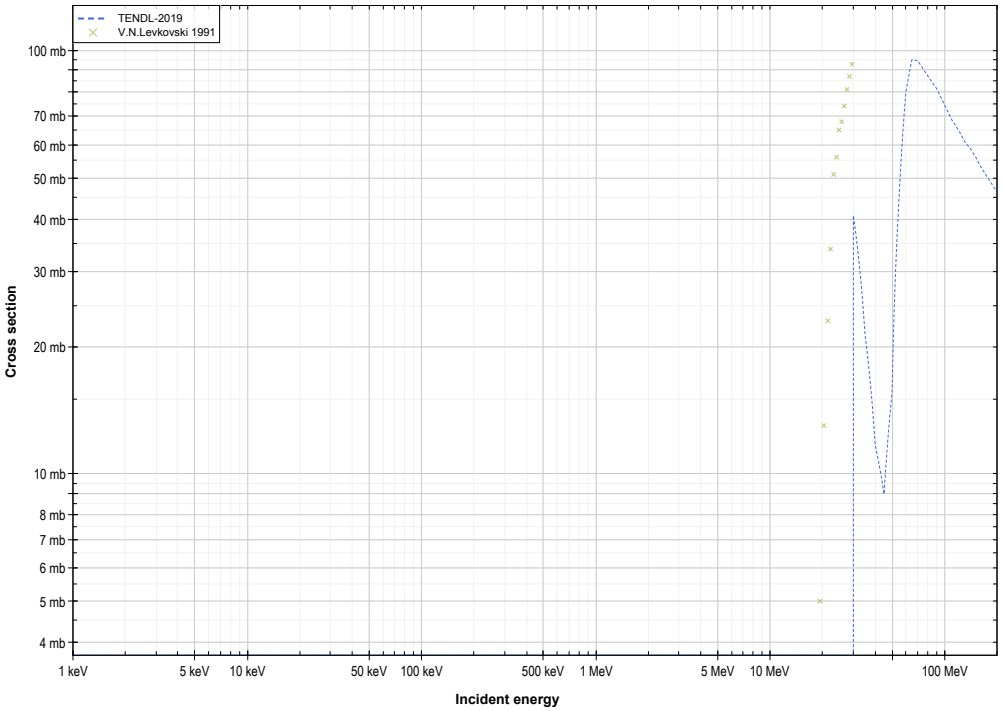
Se76 (p,p+d) or As74 production lin-log



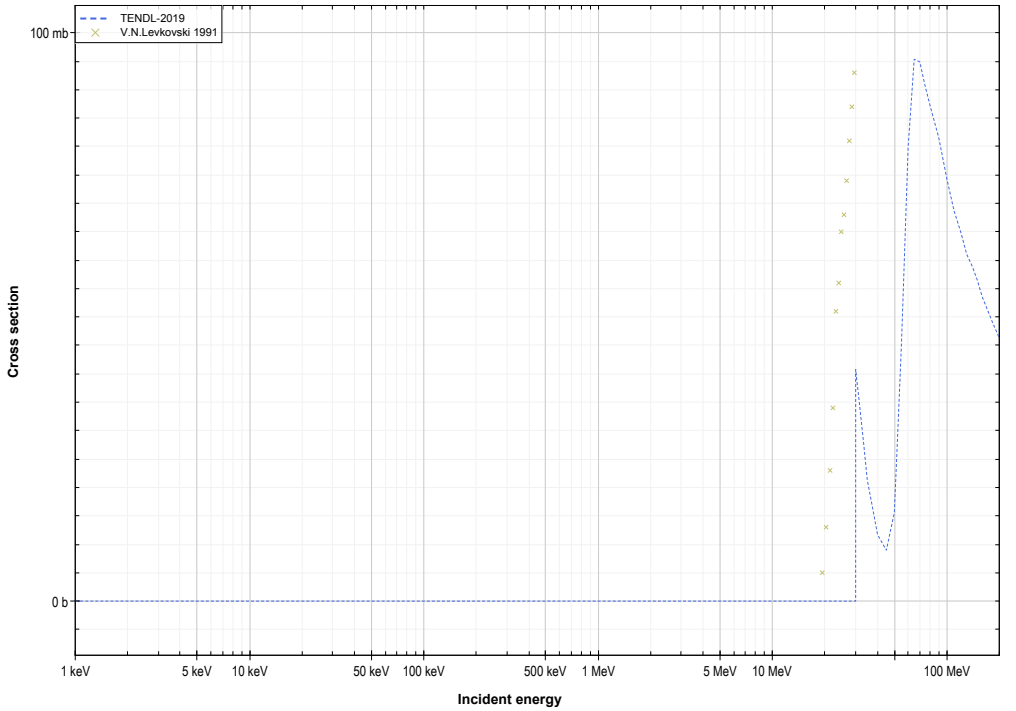
Reaction	Q-Value
Se76(p,He3)As74	-12034.10 keV
Se76(p,p+d)As74	-17527.57 keV
Se76(p,n+2p)As74	-19752.14 keV

<< 34-Se-74	**34-Se-76**	34-Se-78 >>
<< MT115 (p,p+d)	**MT176 (p,2n+^{3}He) or MT5 (As72 production)**	MT179 (p,3n+2p) >>

Se76 (p,2n+^{3}He) or As72 production log-log



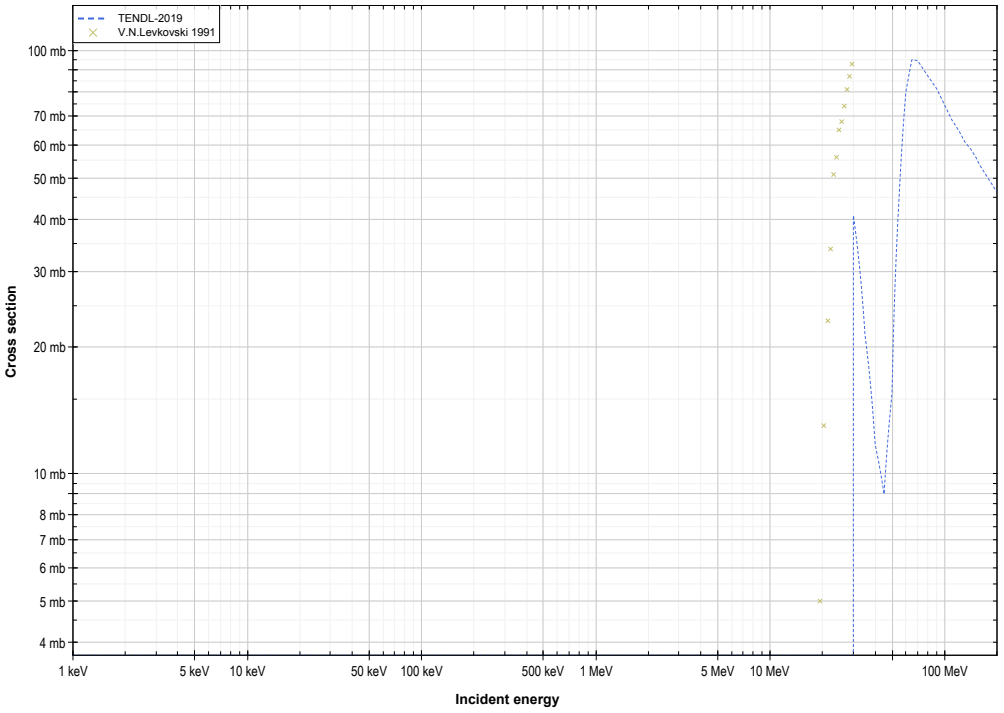
Se76 (p,2n+^{3}He) or As72 production lin-log



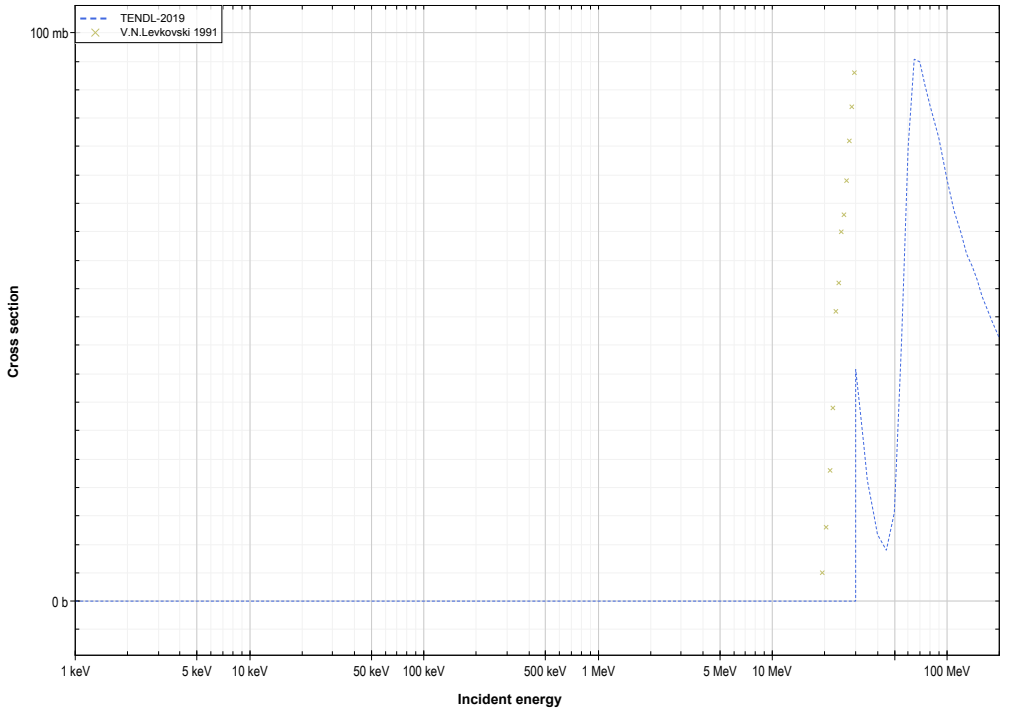
Reaction	Q-Value
Se76(p,n+α)As72	-10229.21 keV
Se76(p,d+t)As72	-27818.51 keV
Se76(p,n+p+t)As72	-30043.08 keV
Se76(p,2n+He3)As72	-30806.83 keV
Se76(p,n+2d)As72	-34075.74 keV
Se76(p,2n+p+d)As72	-36300.31 keV
Se76(p,3n+2p)As72	-38524.87 keV

<< 34-Se-74	**34-Se-76**	34-Se-78 >>
<< MT176 (p,2n+³He)	**MT179 (p,3n+2p) or MT5 (As72 production)**	MT182 (p,d+t) >>

Se76 (p,3n+2p) or As72 production log-log



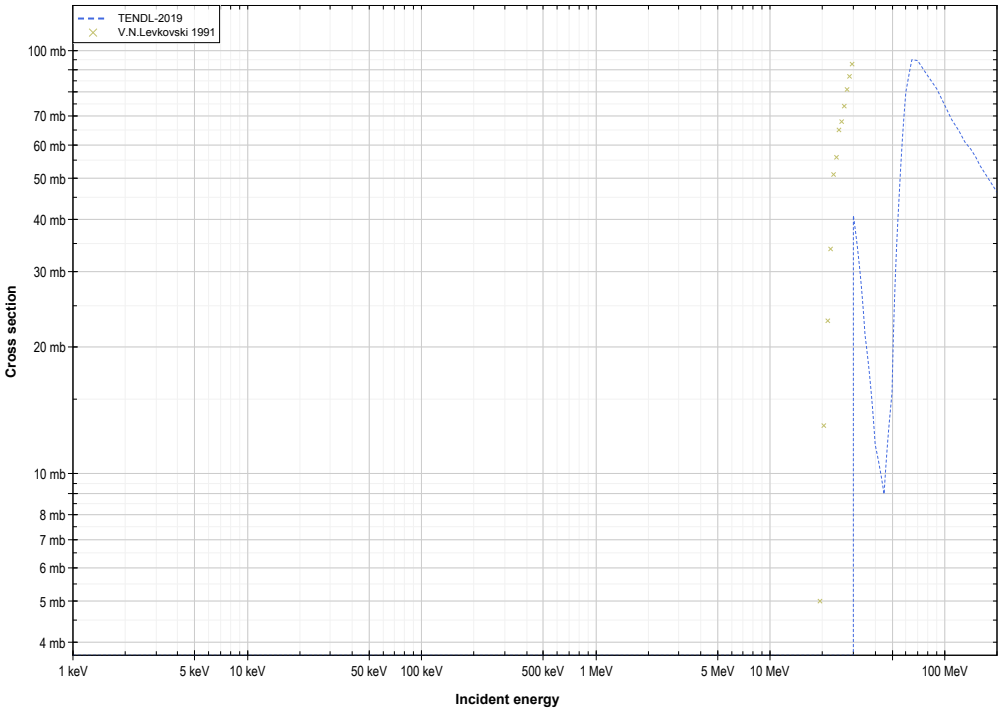
Se76 (p,3n+2p) or As72 production lin-log



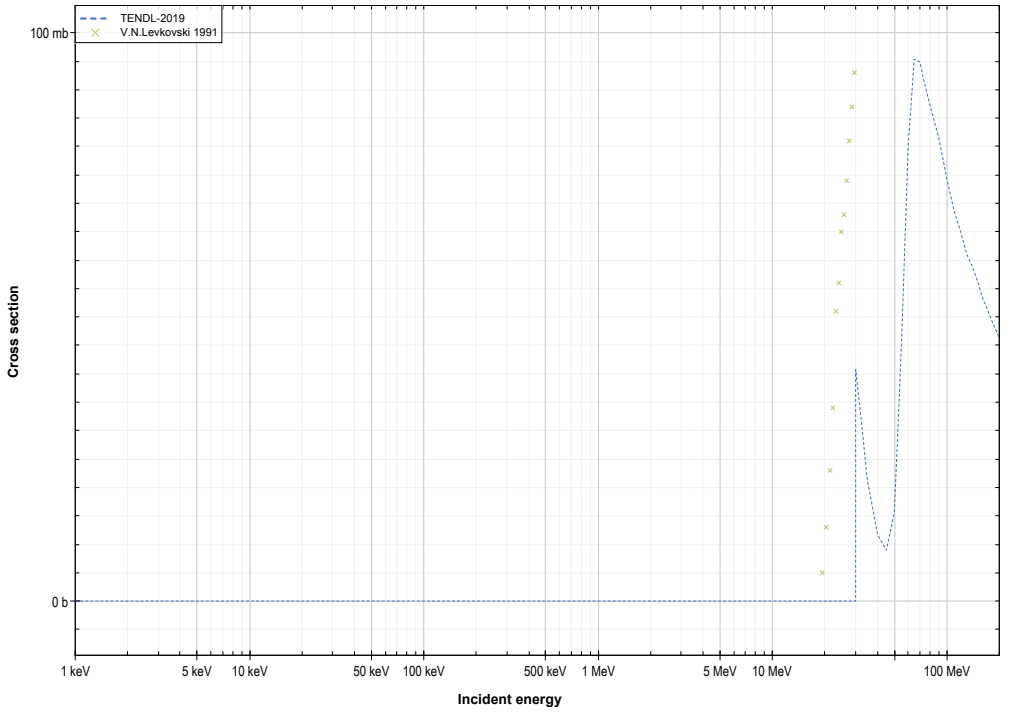
Reaction	Q-Value
Se76(p,n+α)As72	-10229.21 keV
Se76(p,d+t)As72	-27818.51 keV
Se76(p,n+p+t)As72	-30043.08 keV
Se76(p,2n+He3)As72	-30806.83 keV
Se76(p,n+2d)As72	-34075.74 keV
Se76(p,2n+p+d)As72	-36300.31 keV
Se76(p,3n+2p)As72	-38524.87 keV

<< 34-Se-74	**34-Se-76**	34-Se-78 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (As72 production)**	MT184 (p,n+p+t) >>

Se76 (p,d+t) or As72 production log-log



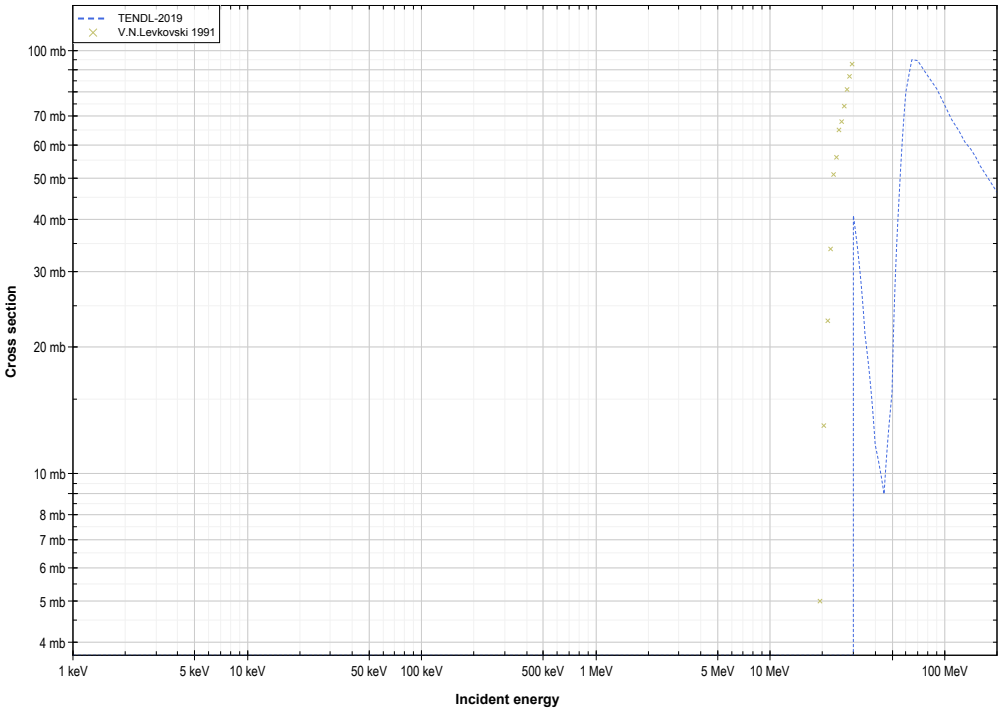
Se76 (p,d+t) or As72 production lin-log



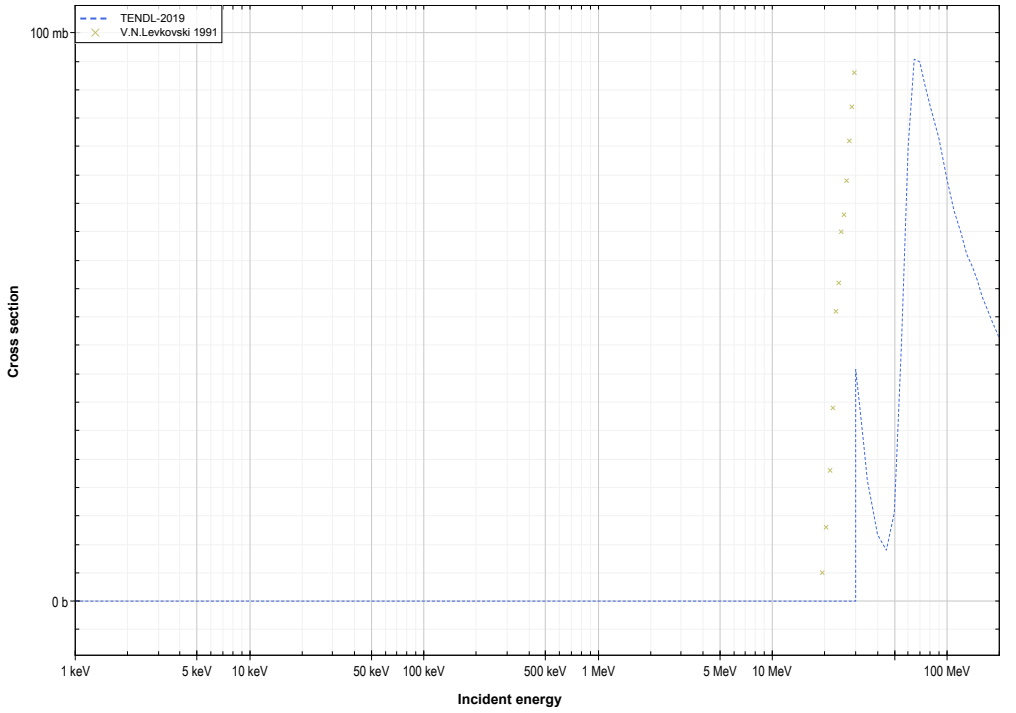
Reaction	Q-Value
Se76(p,n+α)As72	-10229.21 keV
Se76(p,d+t)As72	-27818.51 keV
Se76(p,n+p+t)As72	-30043.08 keV
Se76(p,2n+He3)As72	-30806.83 keV
Se76(p,n+2d)As72	-34075.74 keV
Se76(p,2n+p+d)As72	-36300.31 keV
Se76(p,3n+2p)As72	-38524.87 keV

<< 34-Se-74	**34-Se-76**	34-Se-78 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (As72 production)**	34-Se-77 MT4 (p,n) >>

Se76 (p,n+p+t) or As72 production log-log



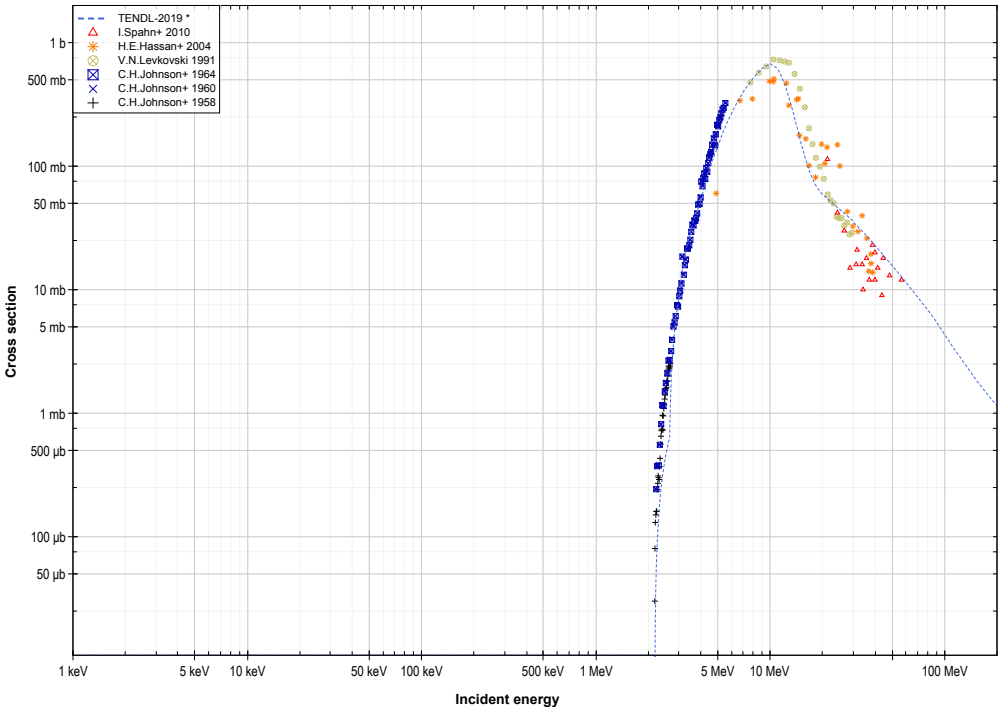
Se76 (p,n+p+t) or As72 production lin-log



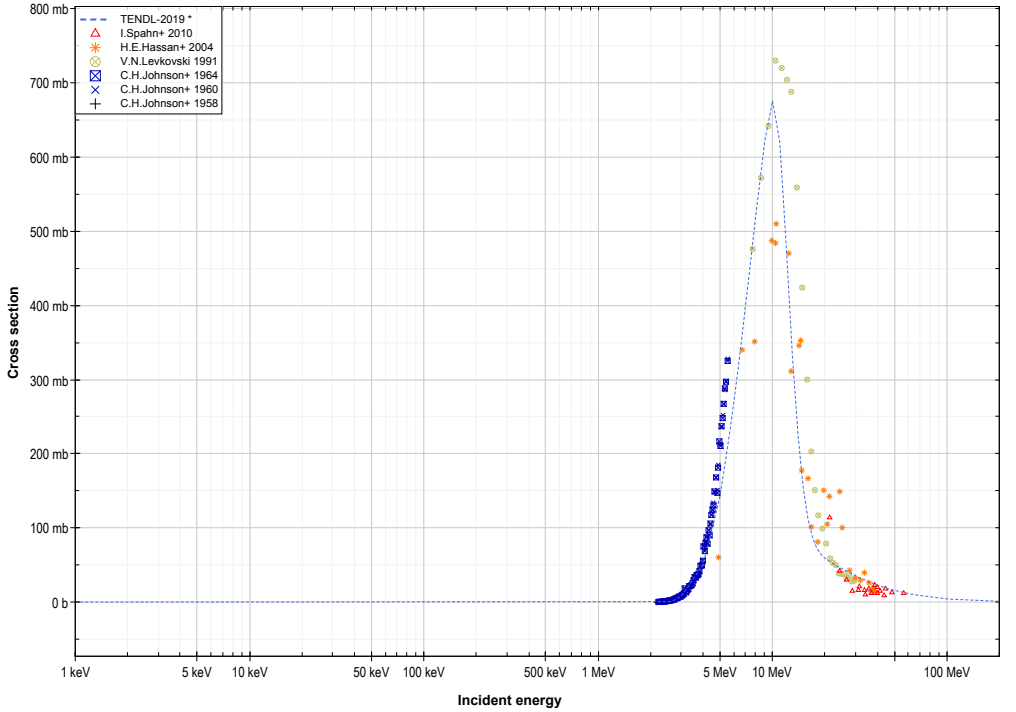
Reaction	Q-Value
Se76(p,n+α)As72	-10229.21 keV
Se76(p,d+t)As72	-27818.51 keV
Se76(p,n+p+t)As72	-30043.08 keV
Se76(p,2n+He3)As72	-30806.83 keV
Se76(p,n+2d)As72	-34075.74 keV
Se76(p,2n+p+d)As72	-36300.31 keV
Se76(p,3n+2p)As72	-38524.87 keV

<< 34-Se-76	**34-Se-77**	34-Se-78 >>
<< 34-Se-76 MT184 (p,n+p+t)	**MT4 (p,n) or MT5 (Br77 production)**	MT16 (p,2n) >>

Se77 (p,n) or Br77 production log-log



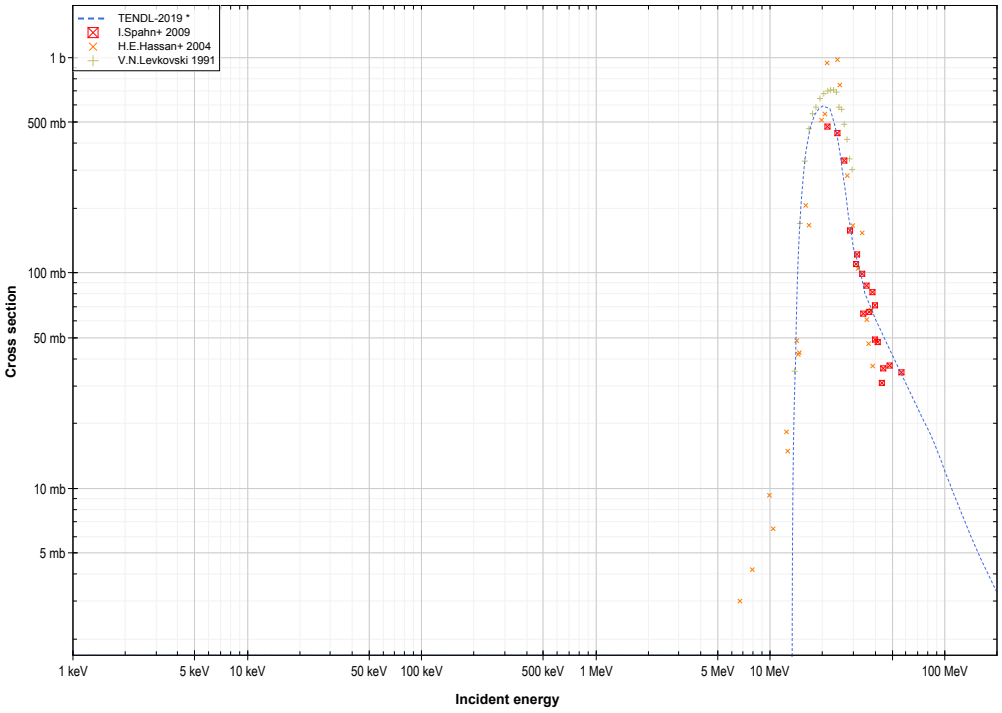
Se77 (p,n) or Br77 production lin-log



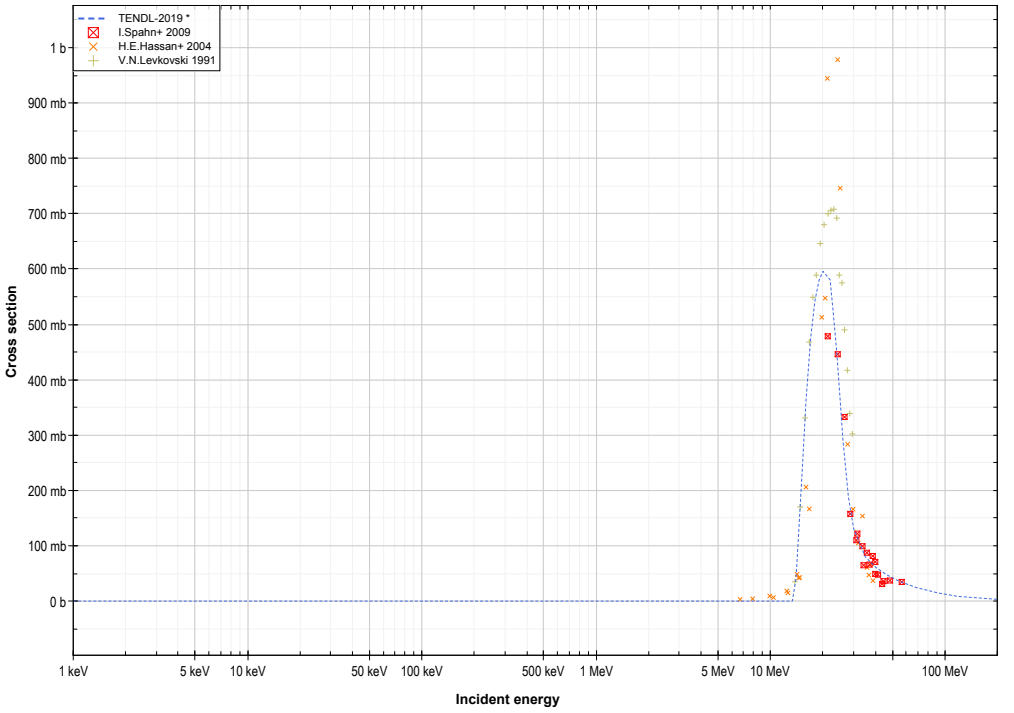
Reaction	Q-Value
Se77(p,n)Br77	-2147.04 keV

<< 34-Se-76	**34-Se-77**	34-Se-78 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Br76 production)**	MT17 (p,3n) >>

Se77 (p,2n) or Br76 production log-log



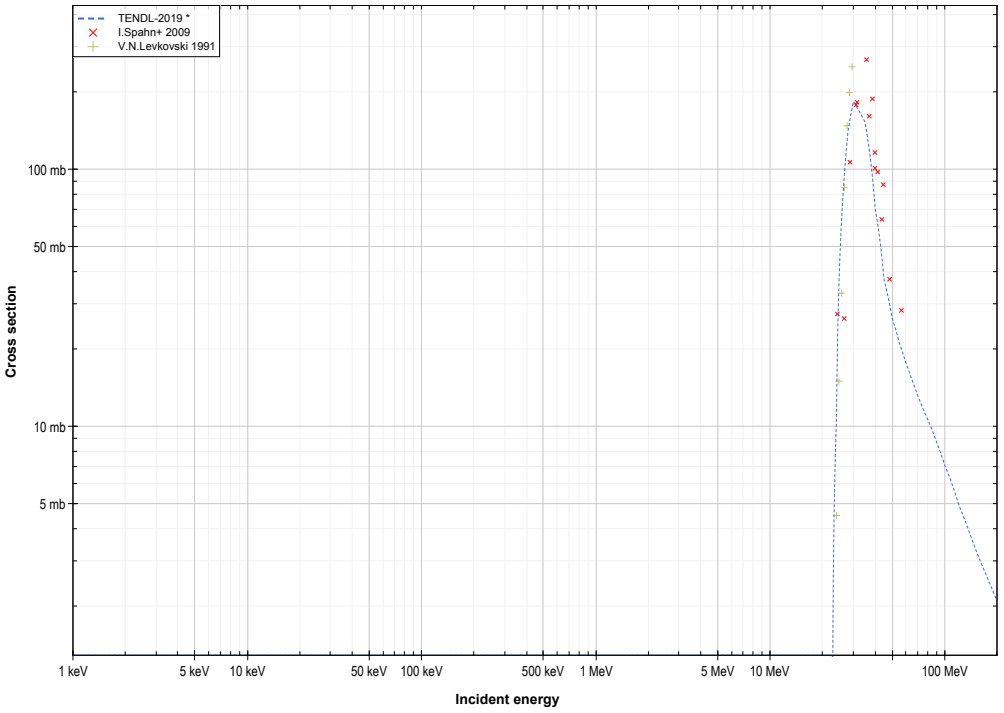
Se77 (p,2n) or Br76 production lin-log



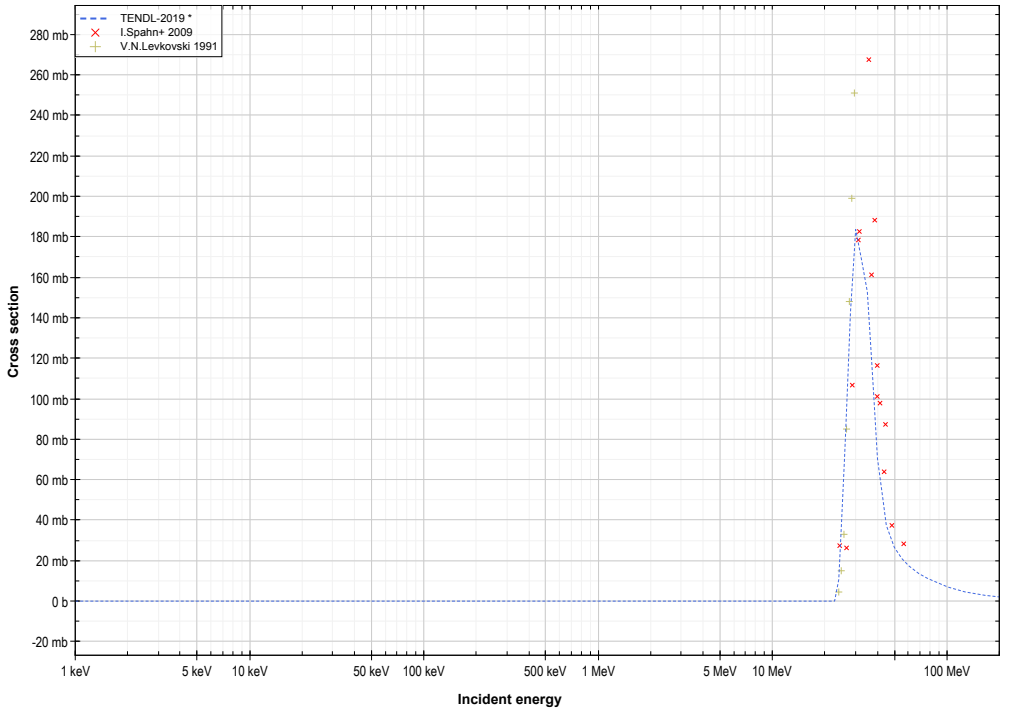
Reaction	Q-Value
Se77(p,2n)Br76	-13164.15 keV

<< 34-Se-76	**34-Se-77**	34-Se-78 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Br75 production)**	MT102 (p,γ) >>

Se77 (p,3n) or Br75 production log-log



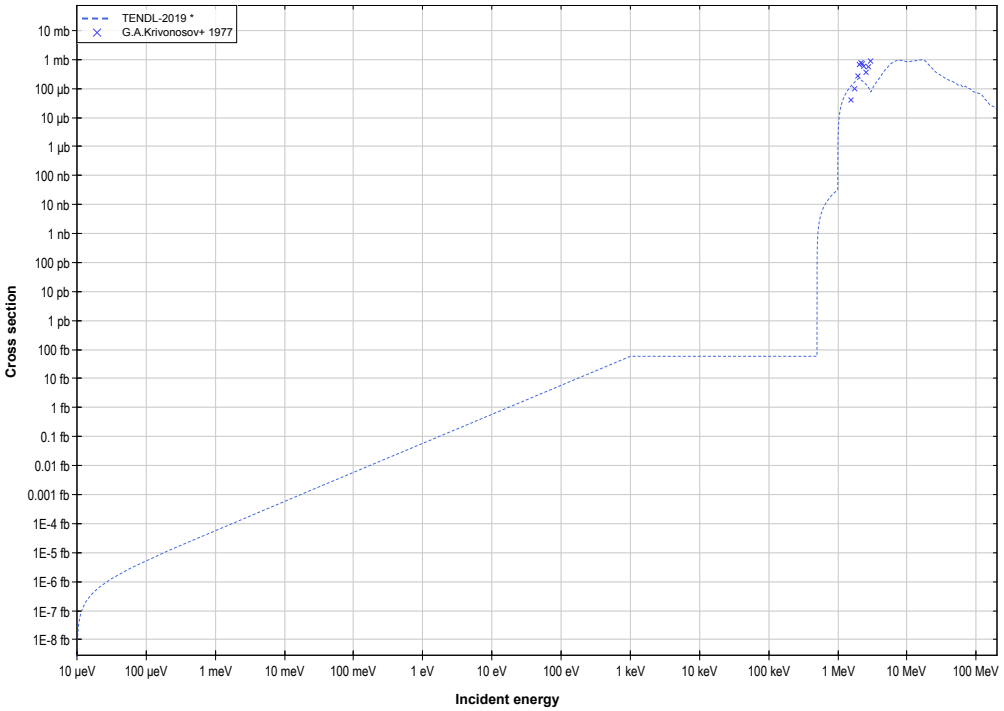
Se77 (p,3n) or Br75 production lin-log



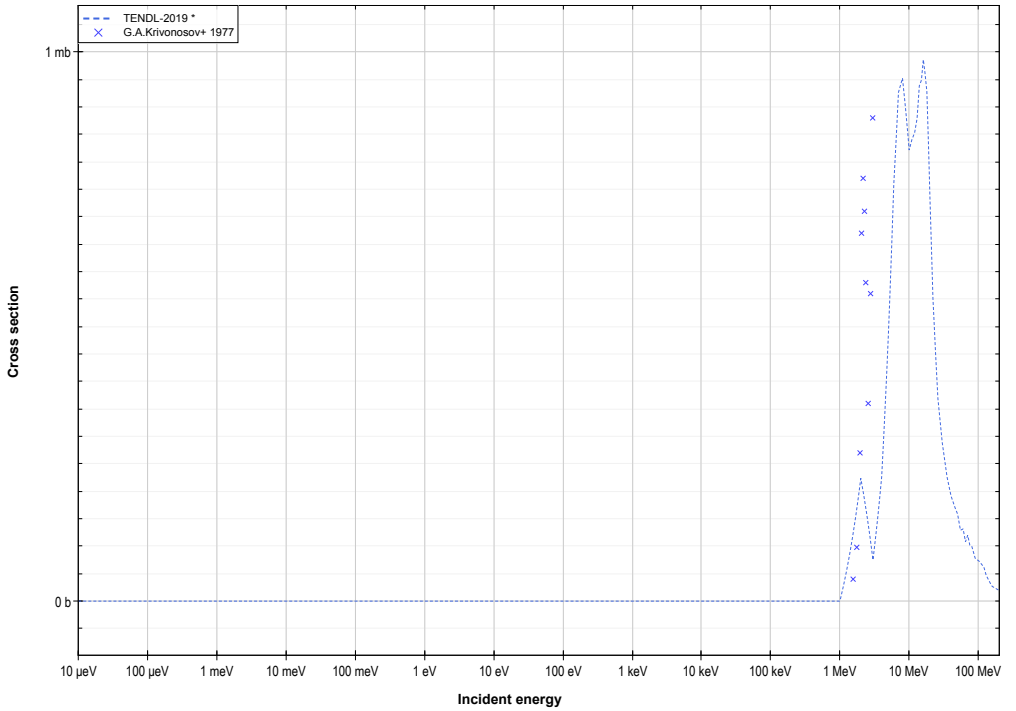
Reaction	Q-Value
Se77(p,3n)Br75	-22417.47 keV

<< 34-Se-74	**34-Se-77**	34-Se-82 >>
<< MT17 (p,3n)	**MT102 (p,γ) or MT5 (Br78 production)**	MT107 (p,α) >>

Se77 (p,γ) or Br78 production log-log



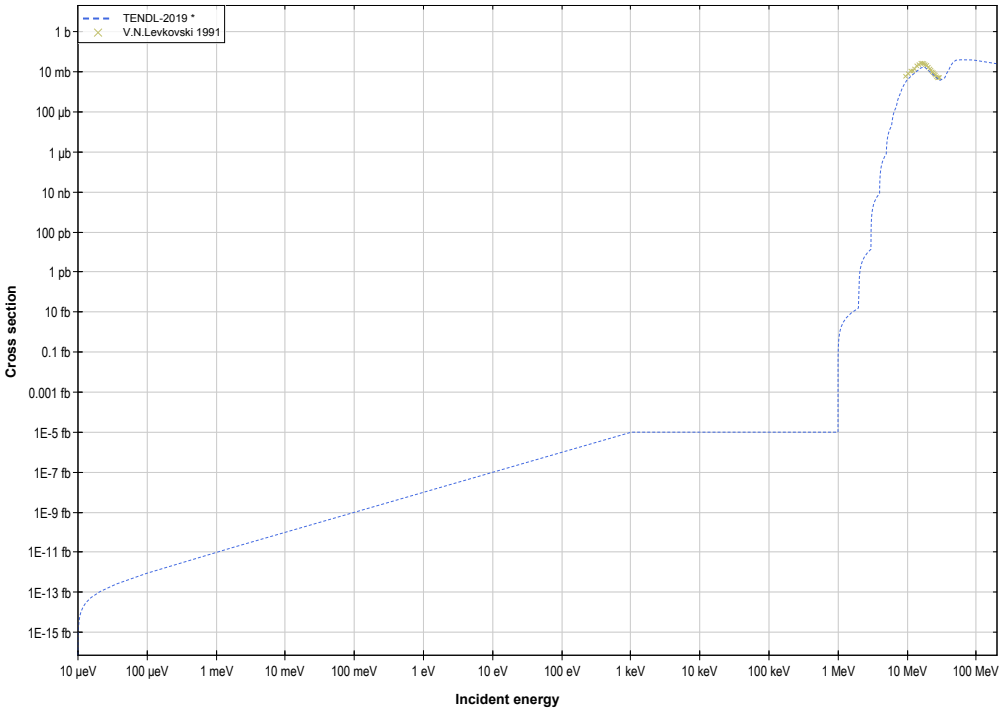
Se77 (p,γ) or Br78 production lin-log



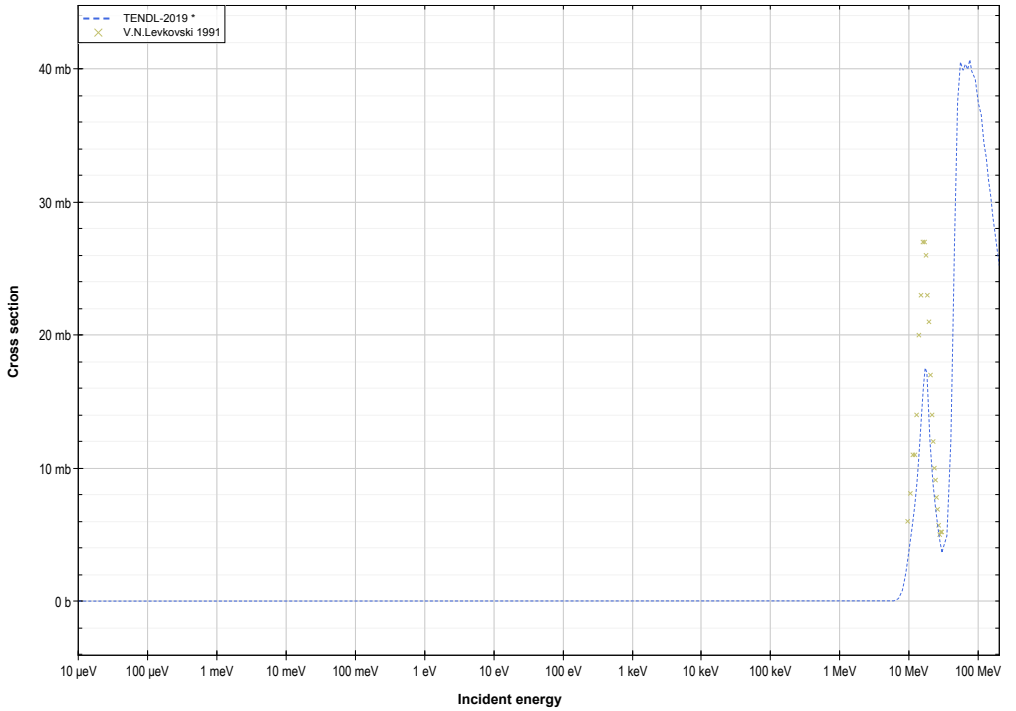
Reaction	Q-Value
Se77(p,γ)Br78	6141.48 keV

<< 34-Se-76	**34-Se-77**	36-Kr-78 >>
<< MT102 (p,γ)	**MT107 (p,α) or MT5 (As74 production)**	34-Se-78 MT4 (p,n) >>

Se77 (p,α) or As74 production log-log



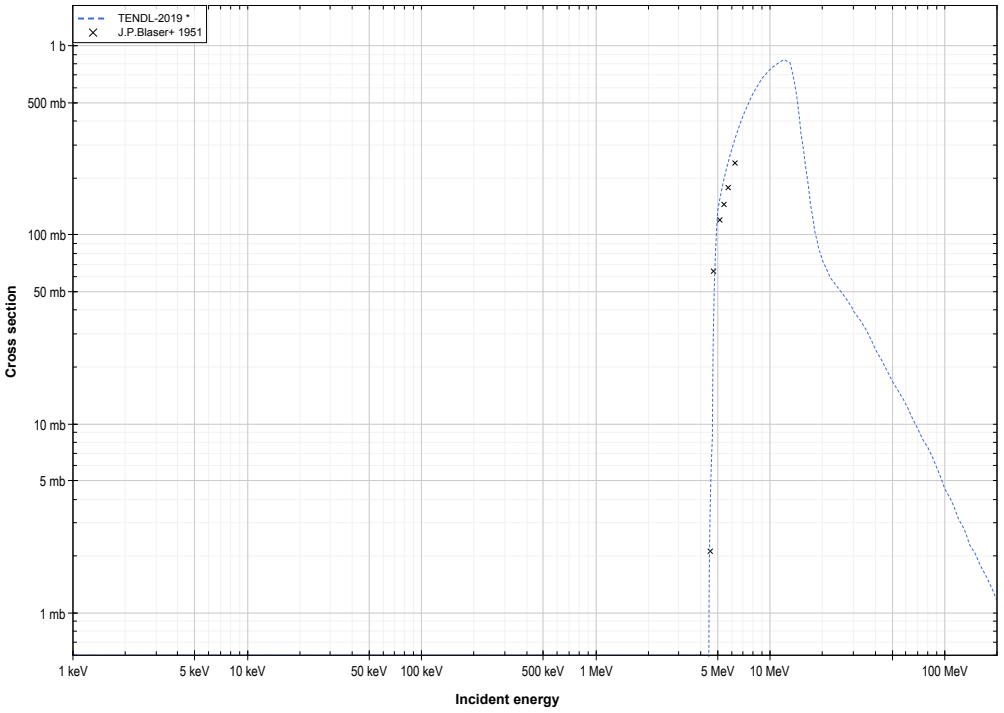
Se77 (p,α) or As74 production lin-log



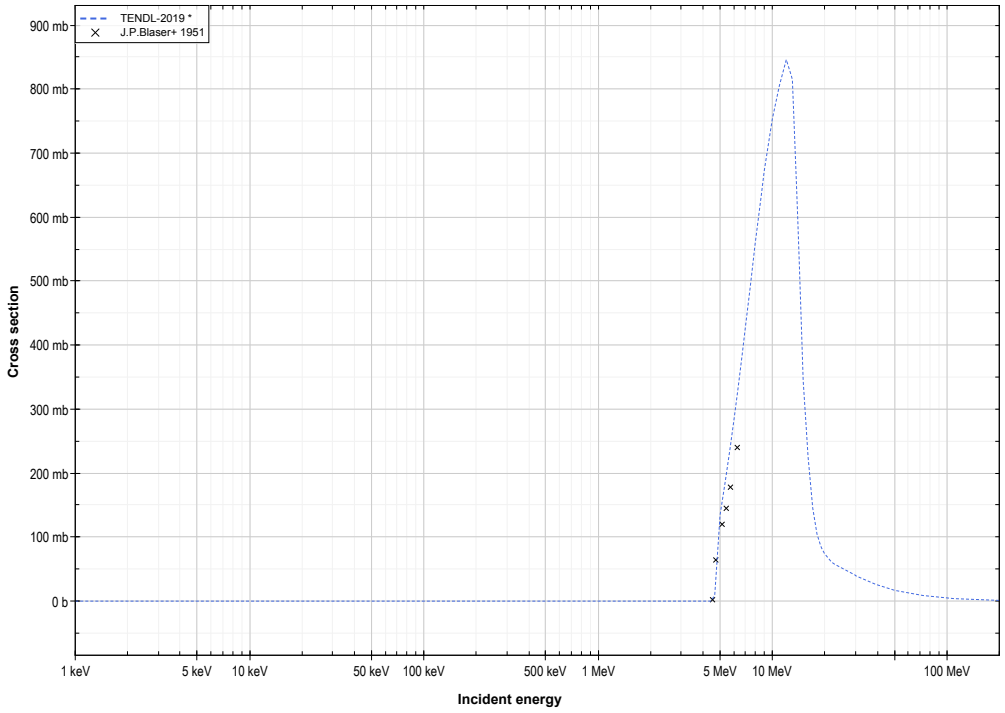
Reaction	Q-Value
Se77(p,α)As74	1124.66 keV
Se77(p,p+t)As74	-18689.20 keV
Se77(p,n+He3)As74	-19452.95 keV
Se77(p,2d)As74	-22721.86 keV
Se77(p,n+p+d)As74	-24946.43 keV
Se77(p,2n+2p)As74	-27170.99 keV

<< 34-Se-77	**34-Se-78**	34-Se-80 >>
<< 34-Se-77 MT107 (p,α)	**MT4 (p,n) or MT5 (Br78 production)**	MT16 (p,2n) >>

Se78 (p,n) or Br78 production log-log



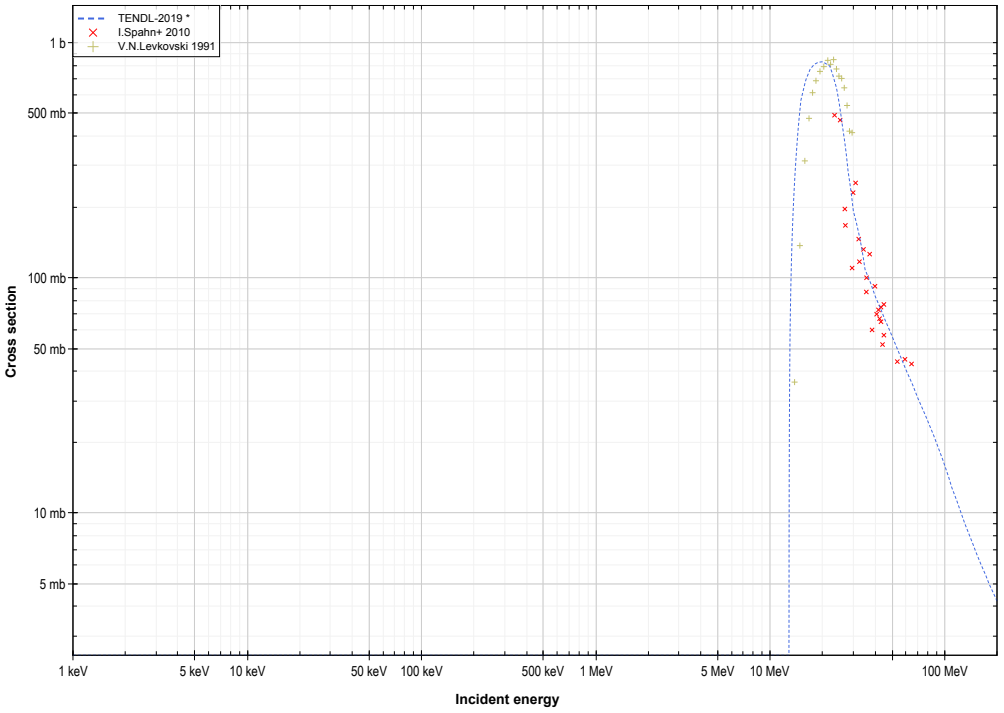
Se78 (p,n) or Br78 production lin-log



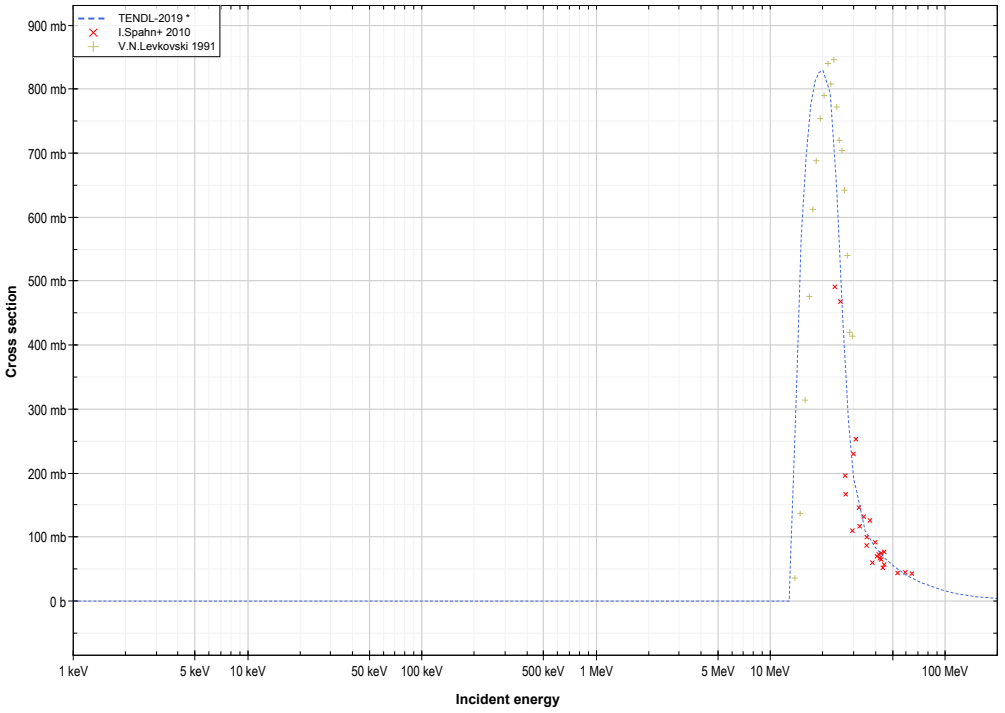
Reaction	Q-Value
Se78(p,n)Br78	-4356.29 keV

<< 34-Se-77	**34-Se-78**	36-Kr-78 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Br77 production)**	MT17 (p,3n) >>

Se78 (p,2n) or Br77 production log-log



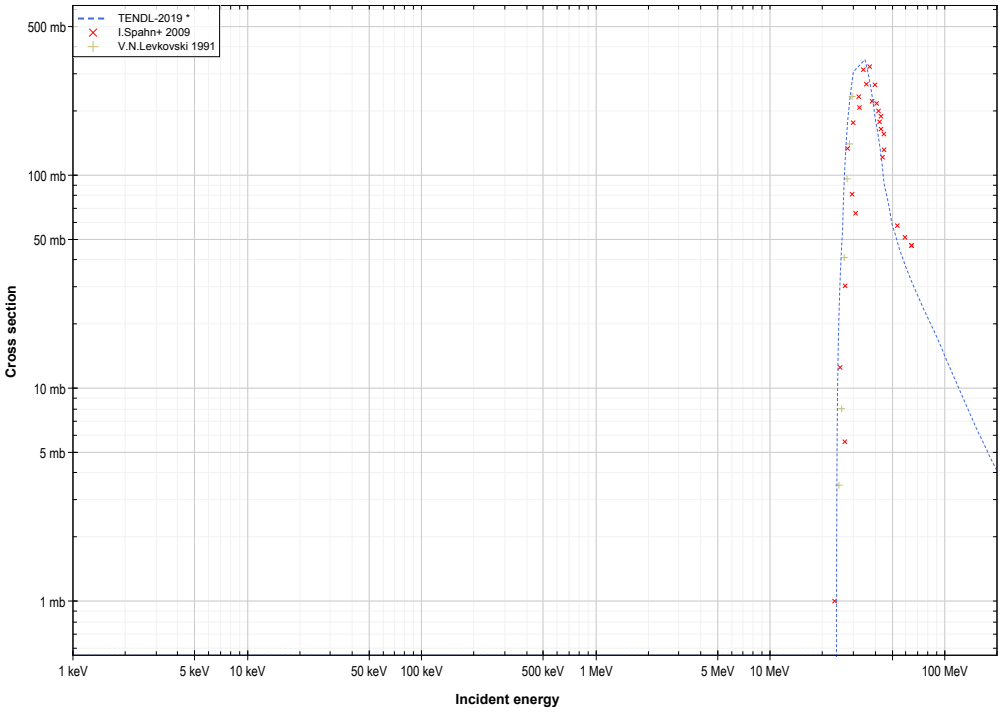
Se78 (p,2n) or Br77 production lin-log



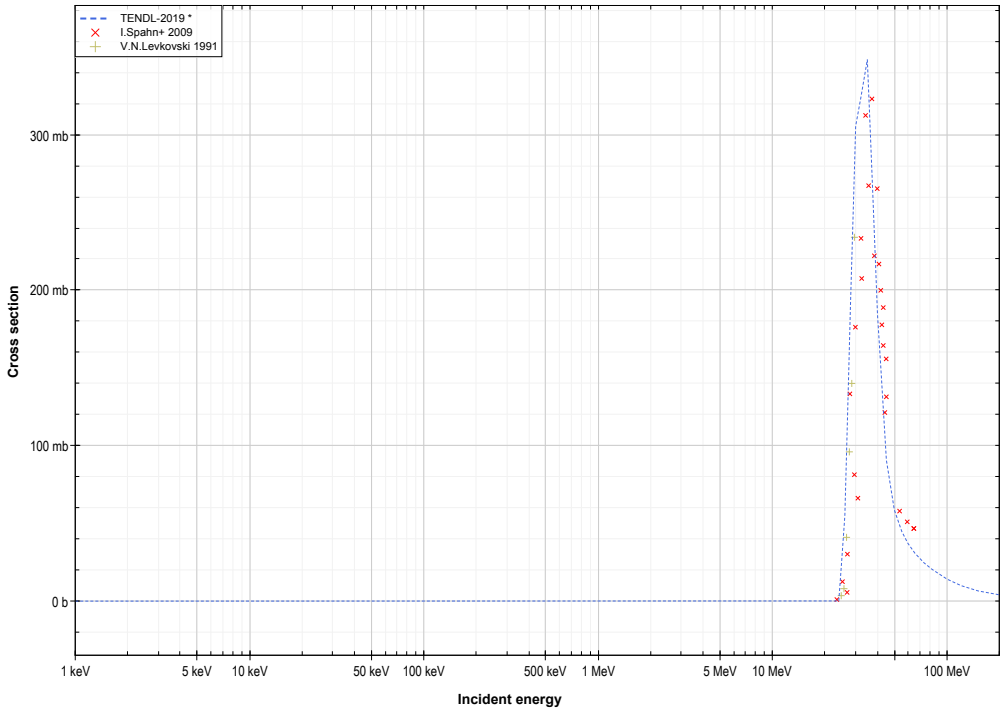
Reaction	Q-Value
Se78(p,2n)Br77	-12644.80 keV

<< 34-Se-77	**34-Se-78**	35-Br-79 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Br76 production)**	MT22 (p,n+α) >>

Se78 (p,3n) or Br76 production log-log



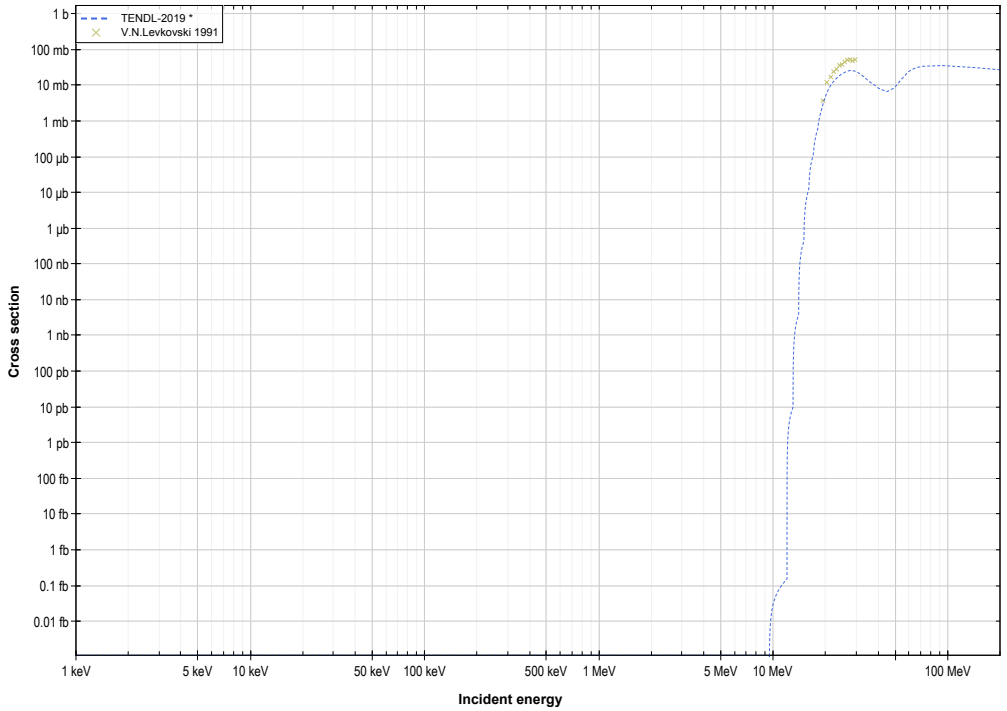
Se78 (p,3n) or Br76 production lin-log



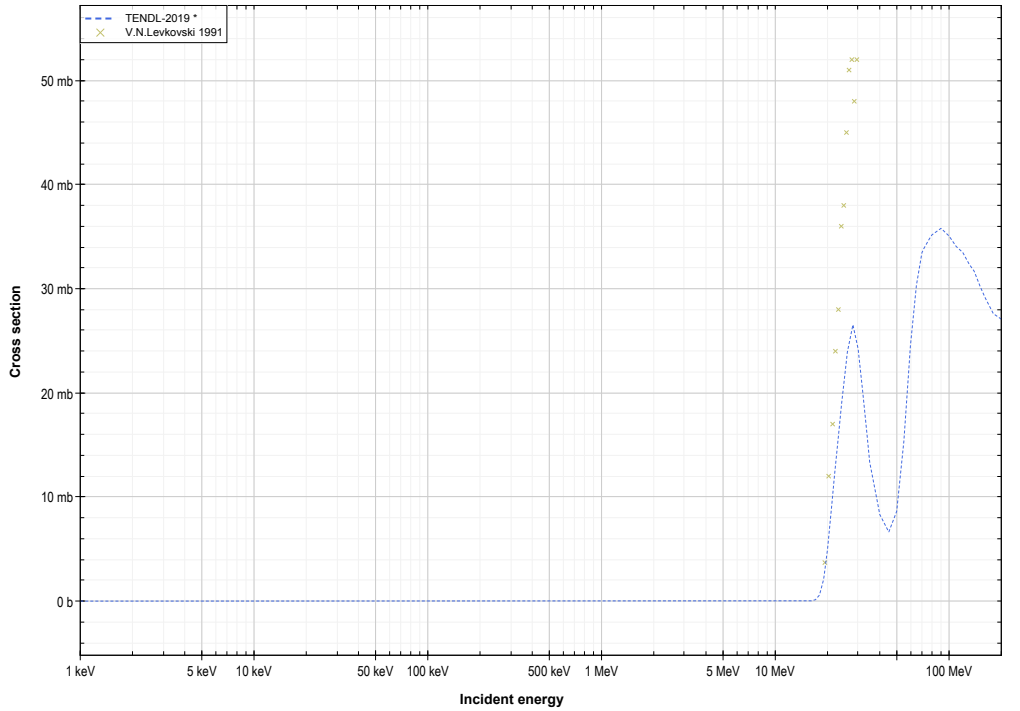
Reaction	Q-Value
Se78(p,3n)Br76	-23661.92 keV

<< 34-Se-76	**34-Se-78**	34-Se-80 >>
<< MT17 (p,3n)	**MT22 (p,n+α) or MT5 (As74 production)**	MT37 (p,4n) >>

Se78 (p,n+α) or As74 production log-log



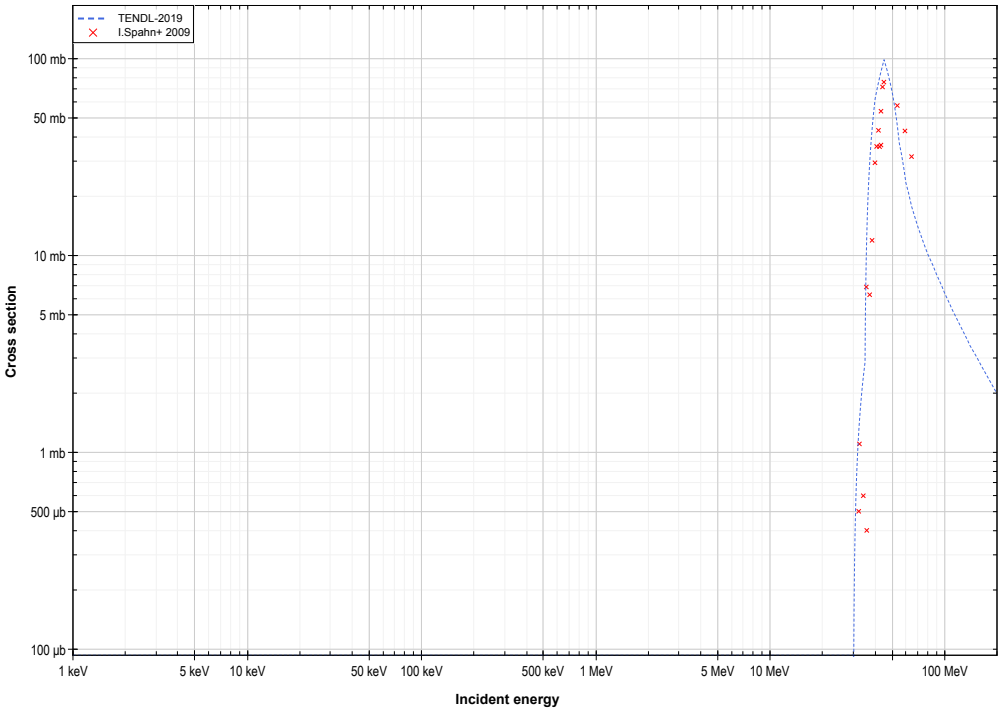
Se78 (p,n+α) or As74 production lin-log



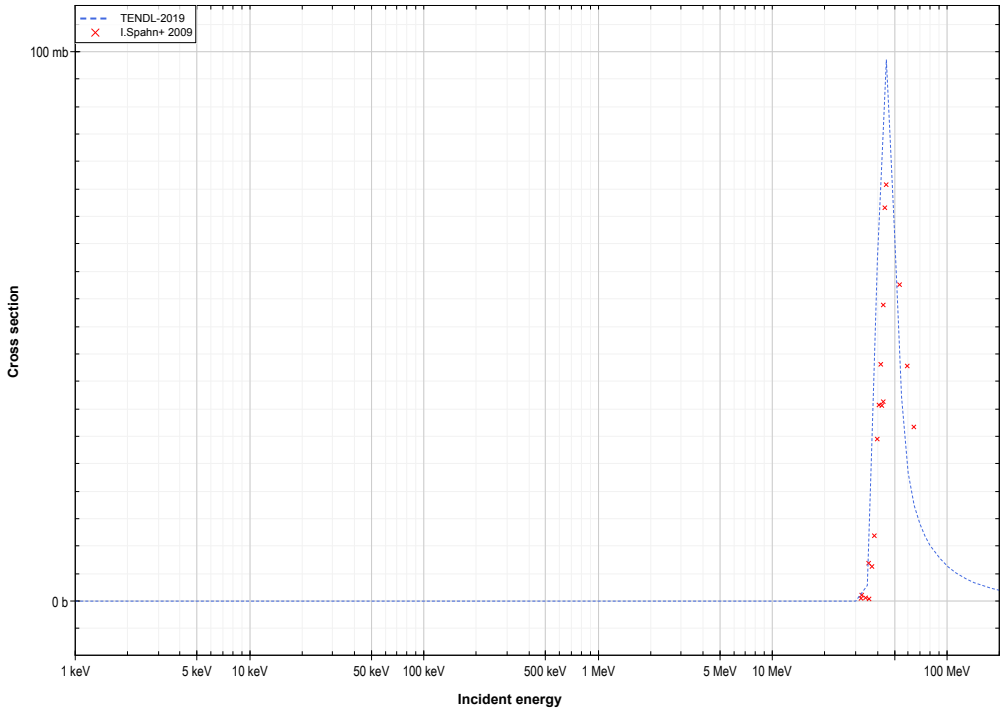
Reaction	Q-Value
Se78(p,n+α)As74	-9373.10 keV
Se78(p,d+t)As74	-26962.40 keV
Se78(p,n+p+t)As74	-29186.97 keV
Se78(p,2n+He3)As74	-29950.72 keV
Se78(p,n+2d)As74	-33219.63 keV
Se78(p,2n+p+d)As74	-35444.20 keV
Se78(p,3n+2p)As74	-37668.76 keV

<< 33-As-75	**34-Se-78**	34-Se-80 >>
<< MT22 (p,n+α)	**MT37 (p,4n) or MT5 (Br75 production)**	MT176 (p,2n+³He) >>

Se78 (p,4n) or Br75 production log-log



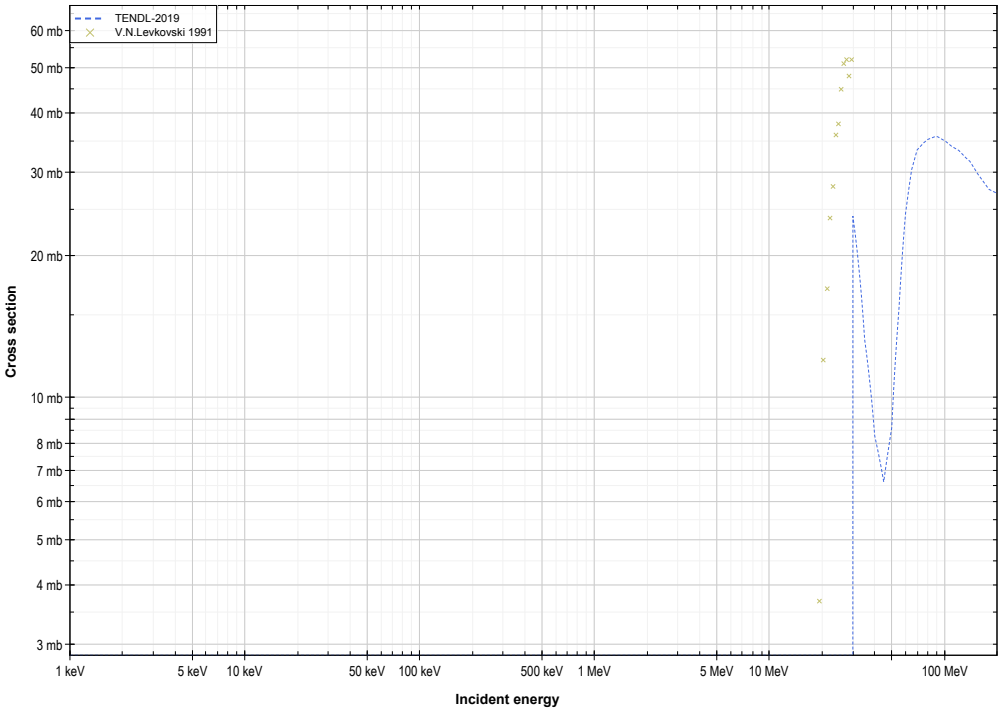
Se78 (p,4n) or Br75 production lin-log



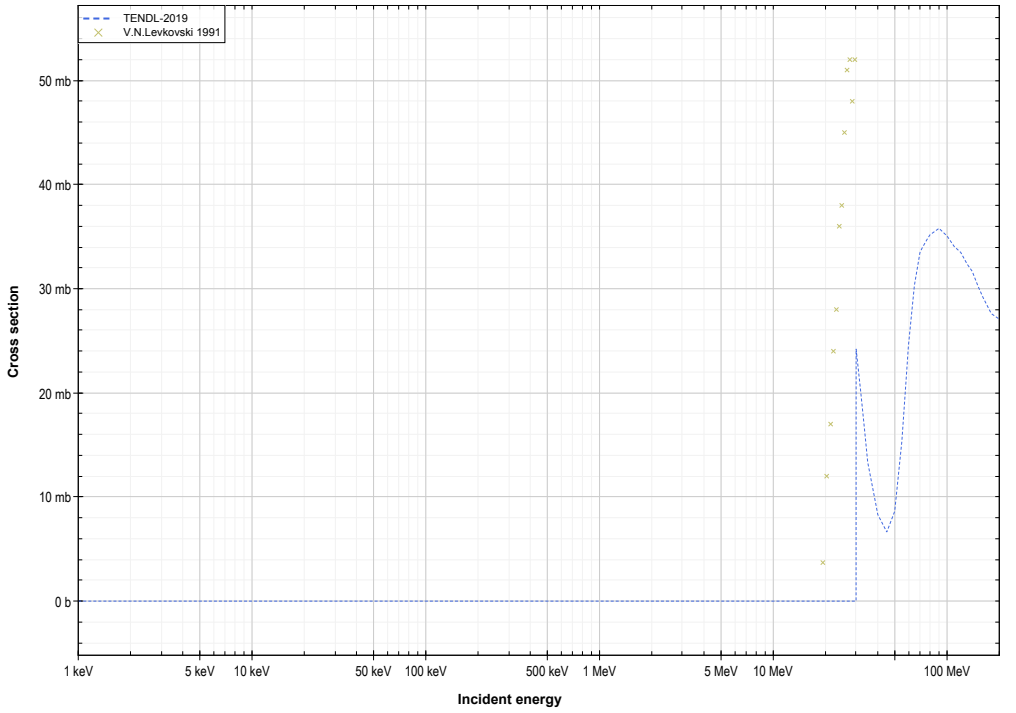
Reaction	Q-Value
Se78(p,4n)Br75	-32915.24 keV

<< 34-Se-76	**34-Se-78**	34-Se-80 >>
<< MT37 (p,4n)	**MT176 (p,2n+³He) or MT5 (As74 production)**	MT179 (p,3n+2p) >>

Se78 (p,2n+³He) or As74 production log-log



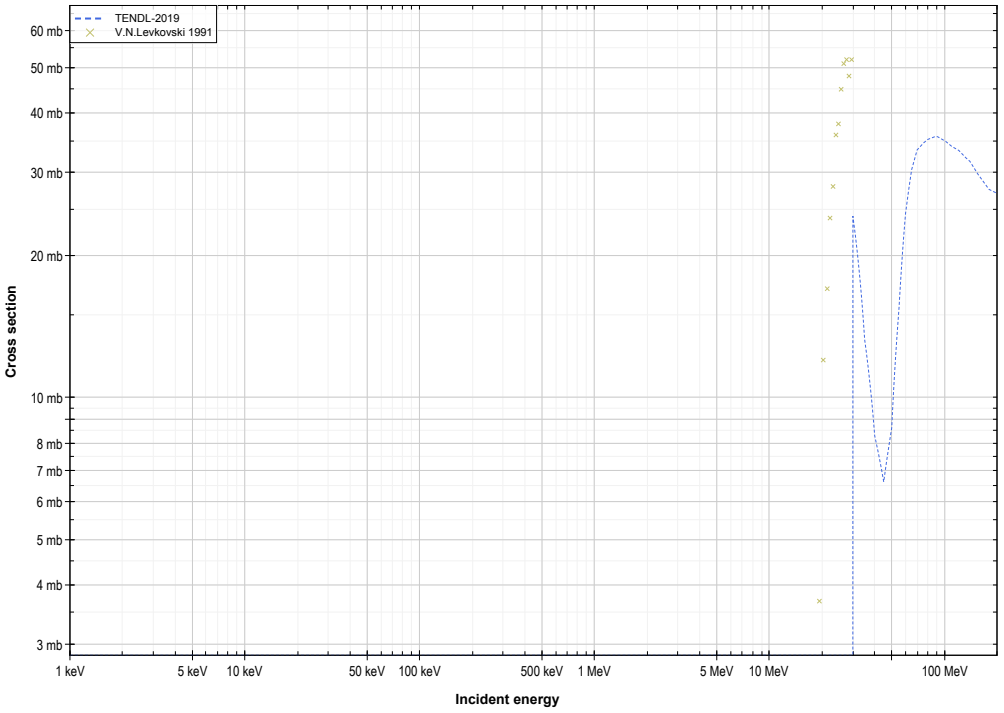
Se78 (p,2n+³He) or As74 production lin-log



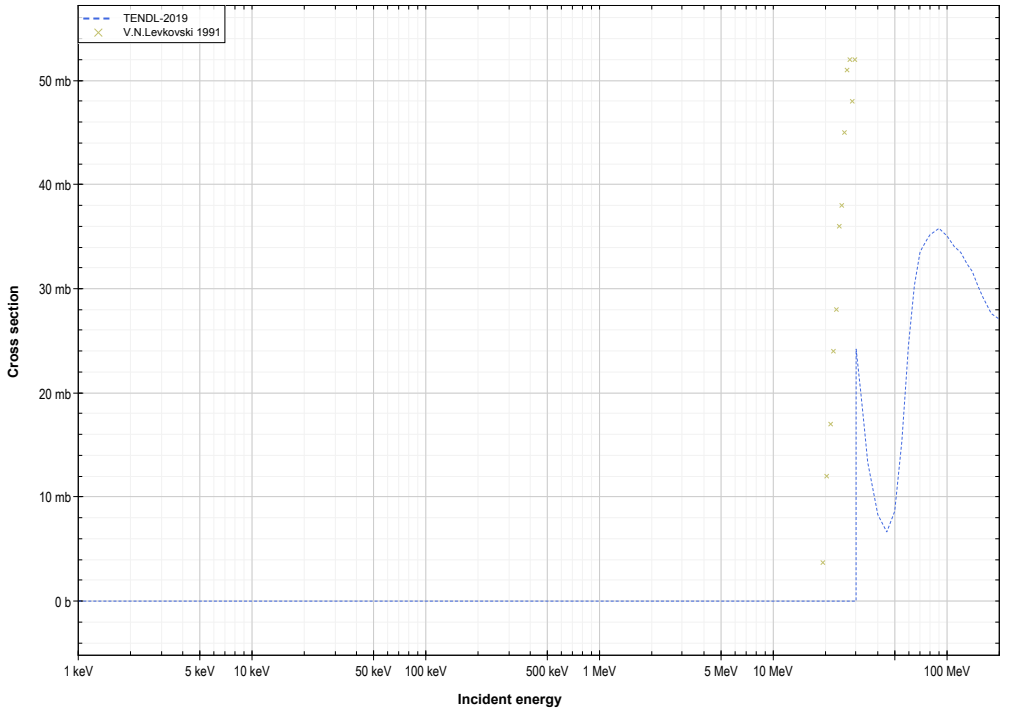
Reaction	Q-Value
Se78(p,n+α)As74	-9373.10 keV
Se78(p,d+t)As74	-26962.40 keV
Se78(p,n+p+t)As74	-29186.97 keV
Se78(p,2n+He3)As74	-29950.72 keV
Se78(p,n+2d)As74	-33219.63 keV
Se78(p,2n+p+d)As74	-35444.20 keV
Se78(p,3n+2p)As74	-37668.76 keV

<< 34-Se-76	**34-Se-78**	34-Se-80 >>
<< MT176 (p,2n+^{3}He)	**MT179 (p,3n+2p) or MT5 (As74 production)**	MT182 (p,d+t) >>

Se78 (p,3n+2p) or As74 production log-log



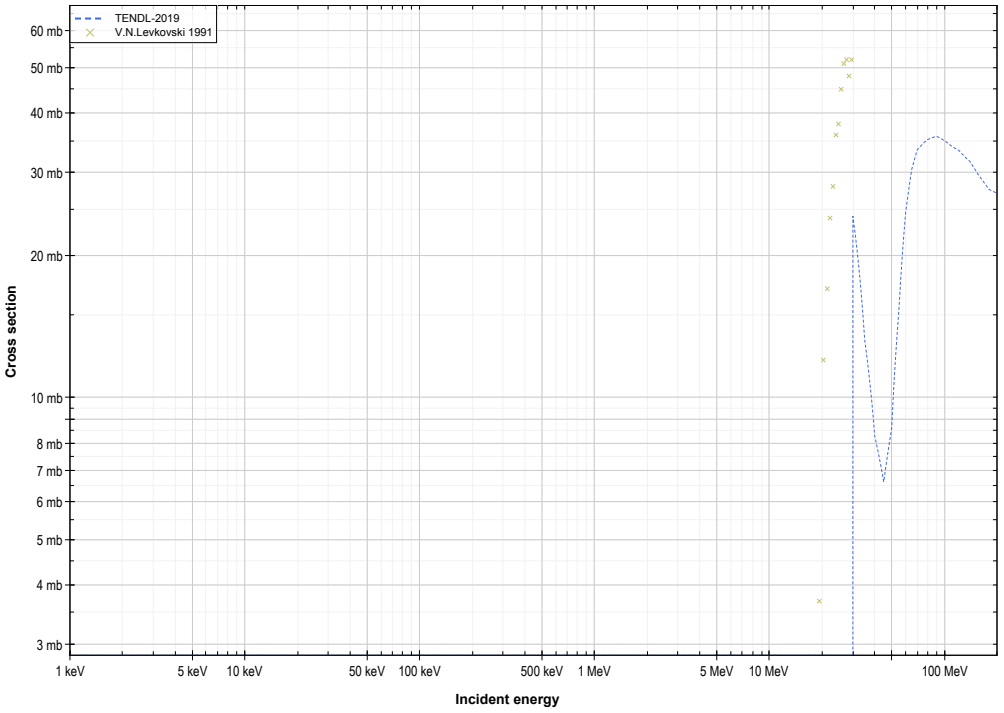
Se78 (p,3n+2p) or As74 production lin-log



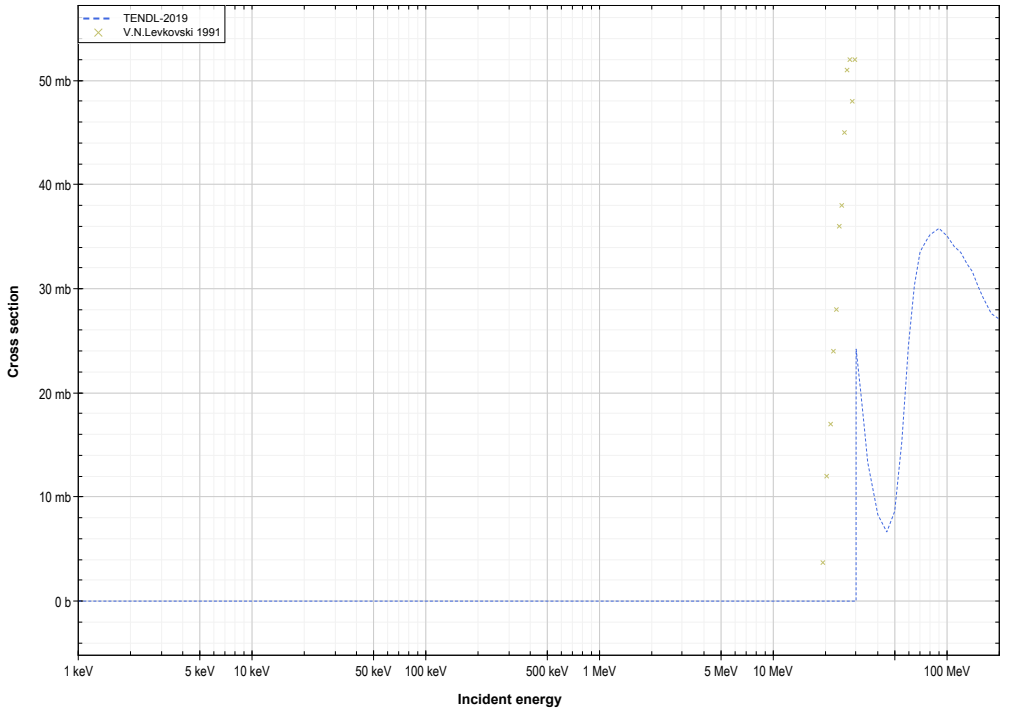
Reaction	Q-Value
Se78(p,n+α)As74	-9373.10 keV
Se78(p,d+t)As74	-26962.40 keV
Se78(p,n+p+t)As74	-29186.97 keV
Se78(p,2n+He3)As74	-29950.72 keV
Se78(p,n+2d)As74	-33219.63 keV
Se78(p,2n+p+d)As74	-35444.20 keV
Se78(p,3n+2p)As74	-37668.76 keV

<< 34-Se-76	**34-Se-78**	34-Se-80 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (As74 production)**	MT184 (p,n+p+t) >>

Se78 (p,d+t) or As74 production log-log



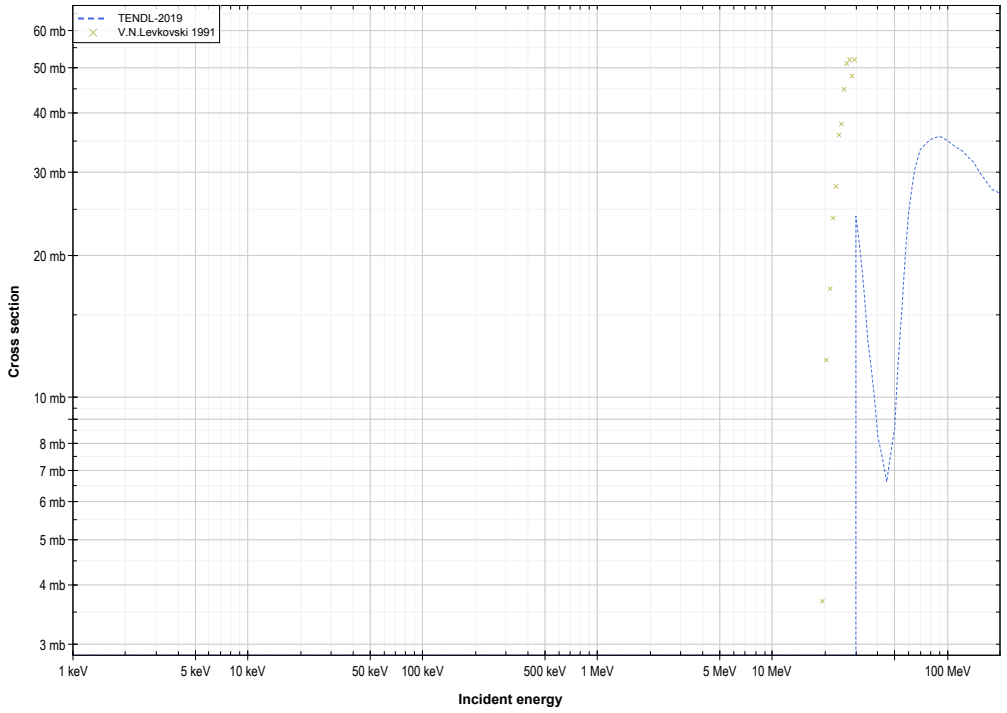
Se78 (p,d+t) or As74 production lin-log



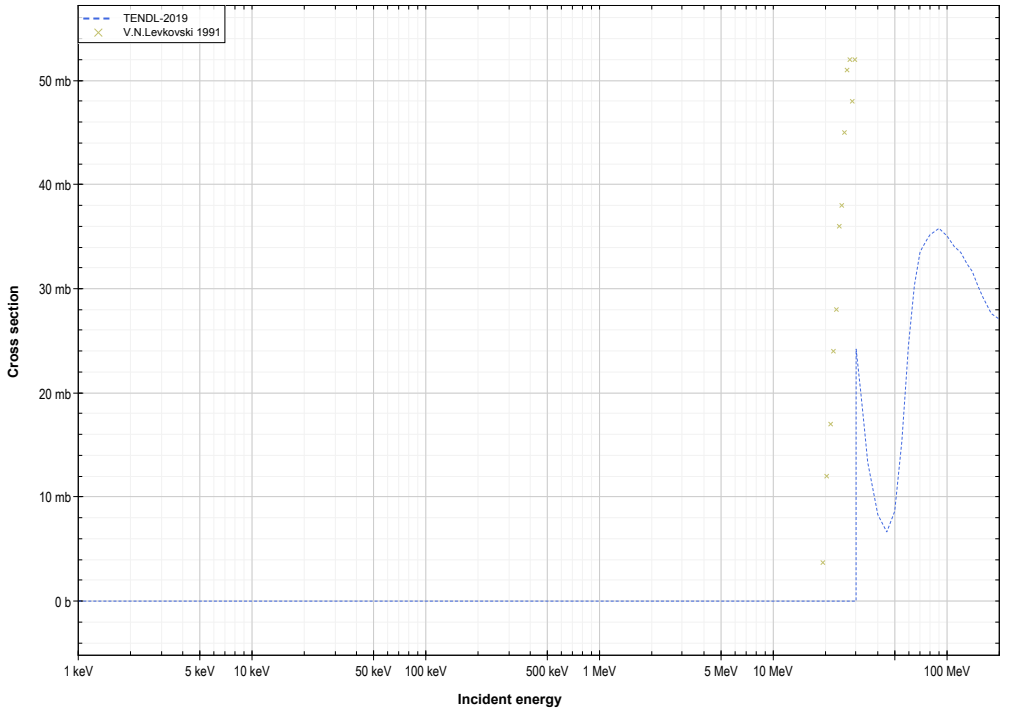
Reaction	Q-Value
Se78(p,n+α)As74	-9373.10 keV
Se78(p,d+t)As74	-26962.40 keV
Se78(p,n+p+t)As74	-29186.97 keV
Se78(p,2n+He3)As74	-29950.72 keV
Se78(p,n+2d)As74	-33219.63 keV
Se78(p,2n+p+d)As74	-35444.20 keV
Se78(p,3n+2p)As74	-37668.76 keV

<< 34-Se-76	**34-Se-78**	34-Se-80 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (As74 production)**	34-Se-80 MT4 (p,n) >>

Se78 (p,n+p+t) or As74 production log-log



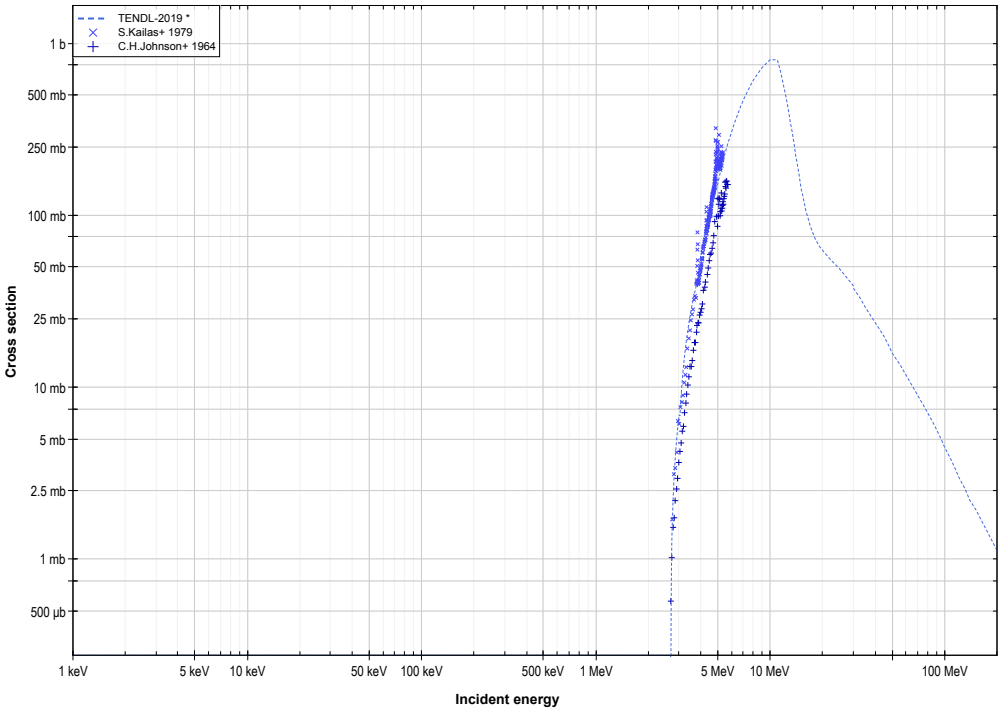
Se78 (p,n+p+t) or As74 production lin-log



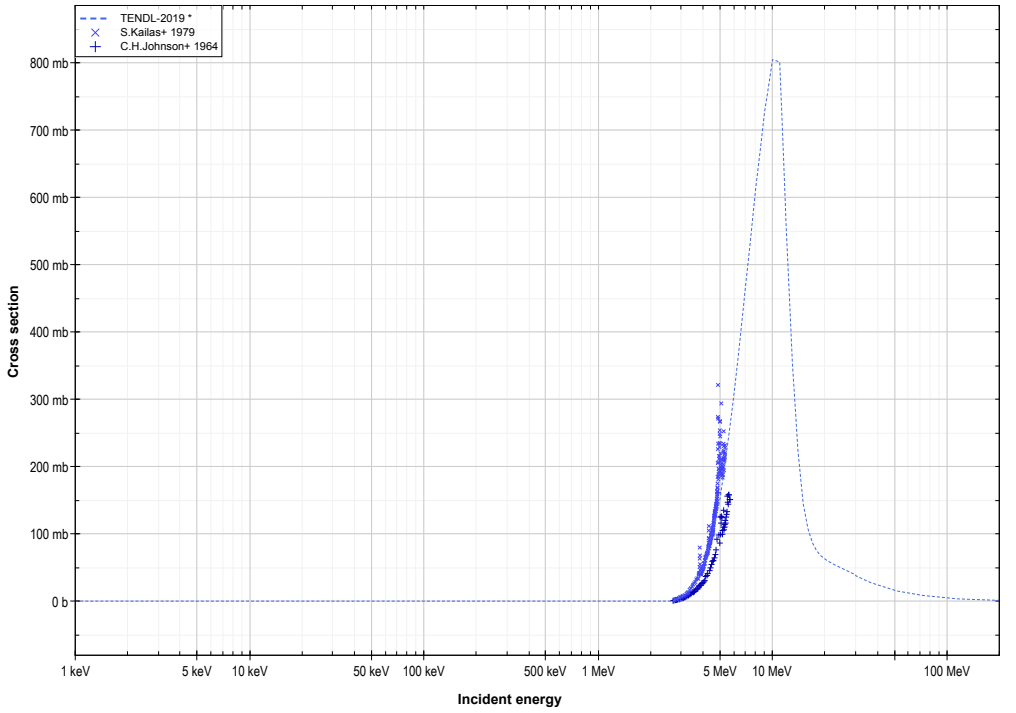
Reaction	Q-Value
Se78(p,n+α)As74	-9373.10 keV
Se78(p,d+t)As74	-26962.40 keV
Se78(p,n+p+t)As74	-29186.97 keV
Se78(p,2n+He3)As74	-29950.72 keV
Se78(p,n+2d)As74	-33219.63 keV
Se78(p,2n+p+d)As74	-35444.20 keV
Se78(p,3n+2p)As74	-37668.76 keV

<< 34-Se-78	**34-Se-80**	34-Se-82 >>
<< 34-Se-78 MT184 (p,n+p+t)	**MT4 (p,n) or MT5 (Br80 production)**	MT22 (p,n+α) >>

Se80 (p,n) or Br80 production log-log



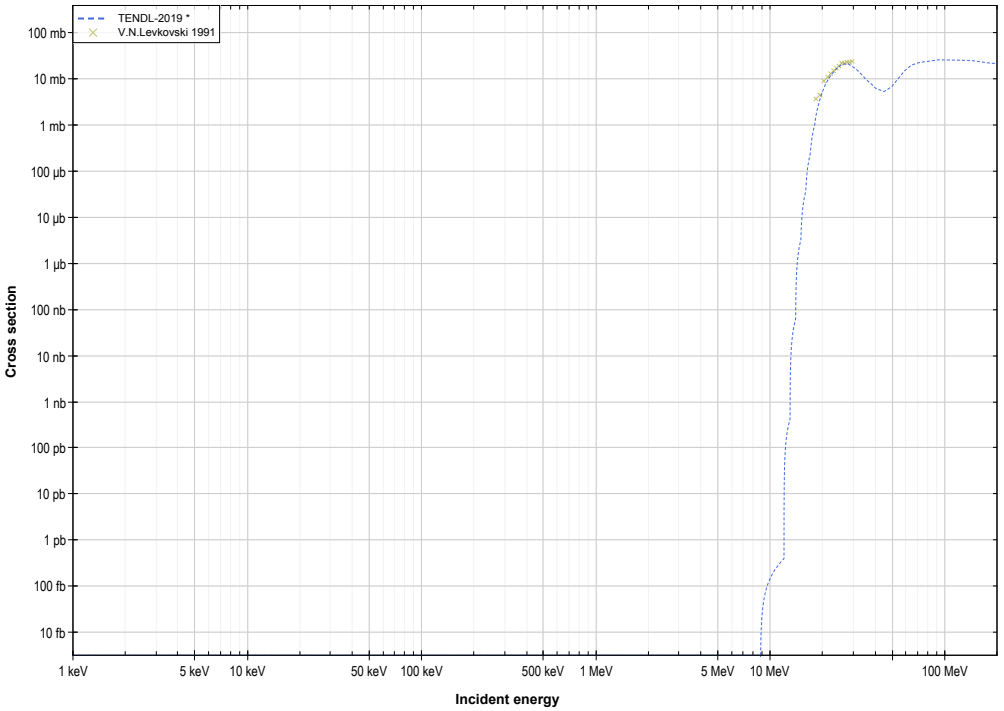
Se80 (p,n) or Br80 production lin-log



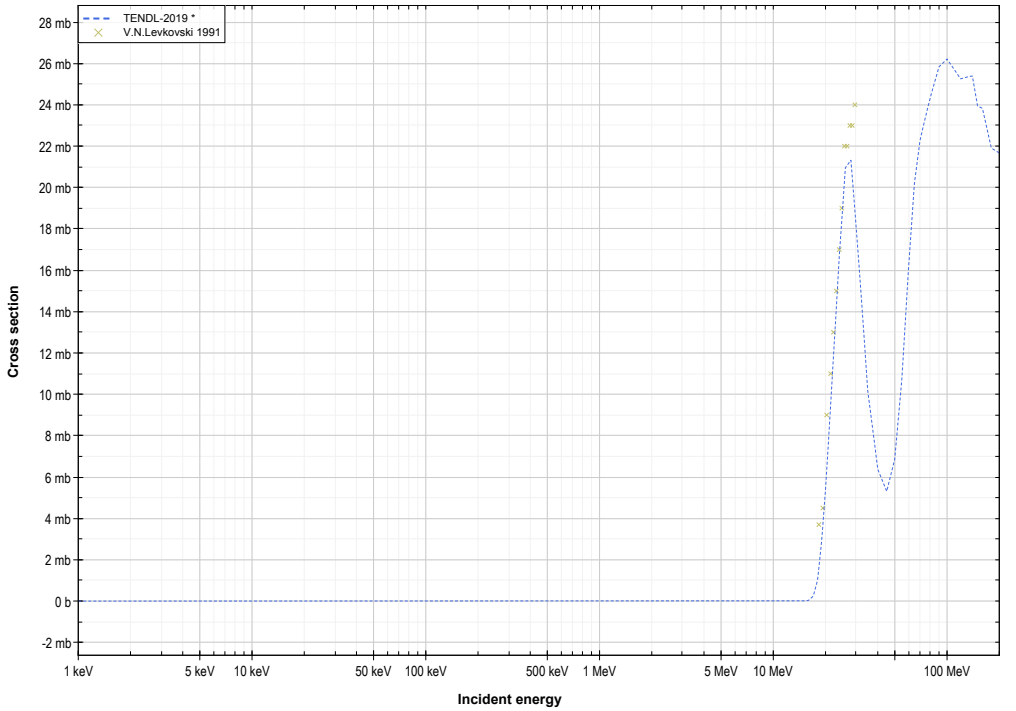
Reaction	Q-Value
Se80(p,n)Br80	-2652.85 keV

<< 34-Se-78	**34-Se-80**	34-Se-82 >>
<< MT4 (p,n)	**MT22 (p,n+α) or MT5 (As76 production)**	MT37 (p,4n) >>

Se80 (p,n+α) or As76 production log-log



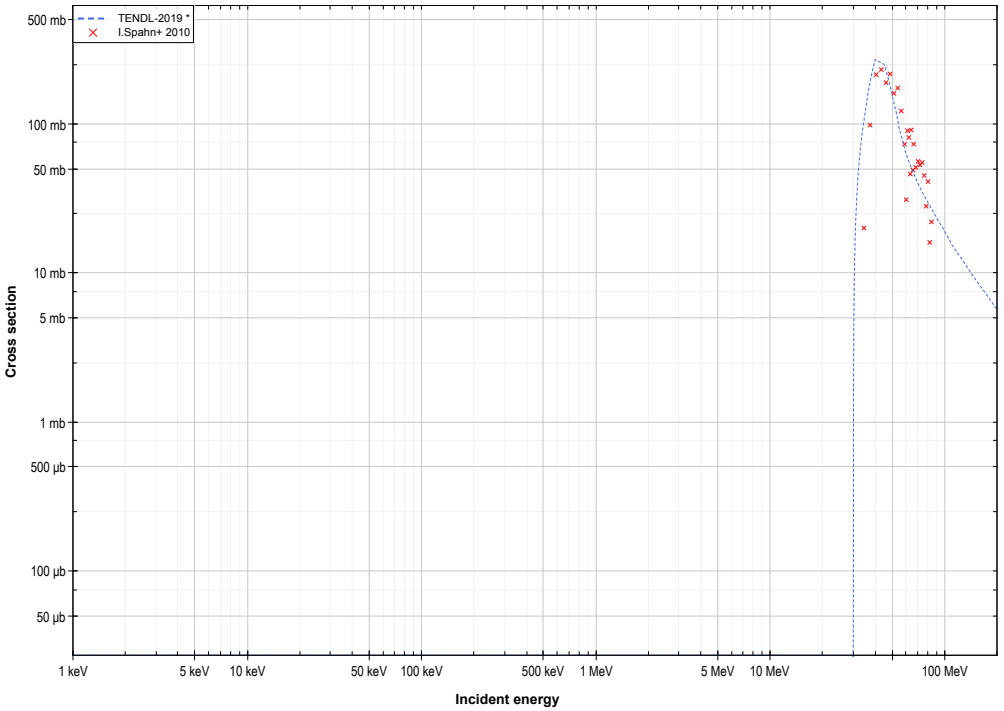
Se80 (p,n+α) or As76 production lin-log



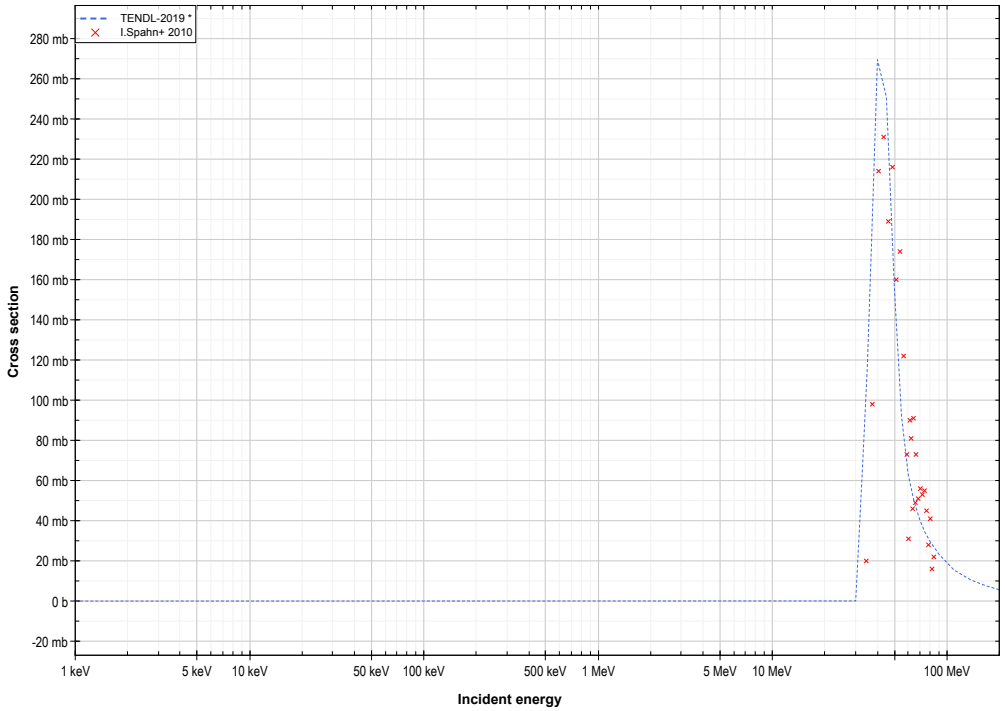
Reaction	Q-Value
Se80(p,n+α)As76	-8675.36 keV
Se80(p,d+t)As76	-26264.66 keV
Se80(p,n+p+t)As76	-28489.23 keV
Se80(p,2n+He3)As76	-29252.98 keV
Se80(p,n+2d)As76	-32521.89 keV
Se80(p,2n+p+d)As76	-34746.46 keV
Se80(p,3n+2p)As76	-36971.02 keV

<< 34-Se-78	**34-Se-80**	35-Br-79 >>
<< MT22 (p,n+α)	**MT37 (p,4n) or MT5 (Br77 production)**	MT152 (p,5n) >>

Se80 (p,4n) or Br77 production log-log



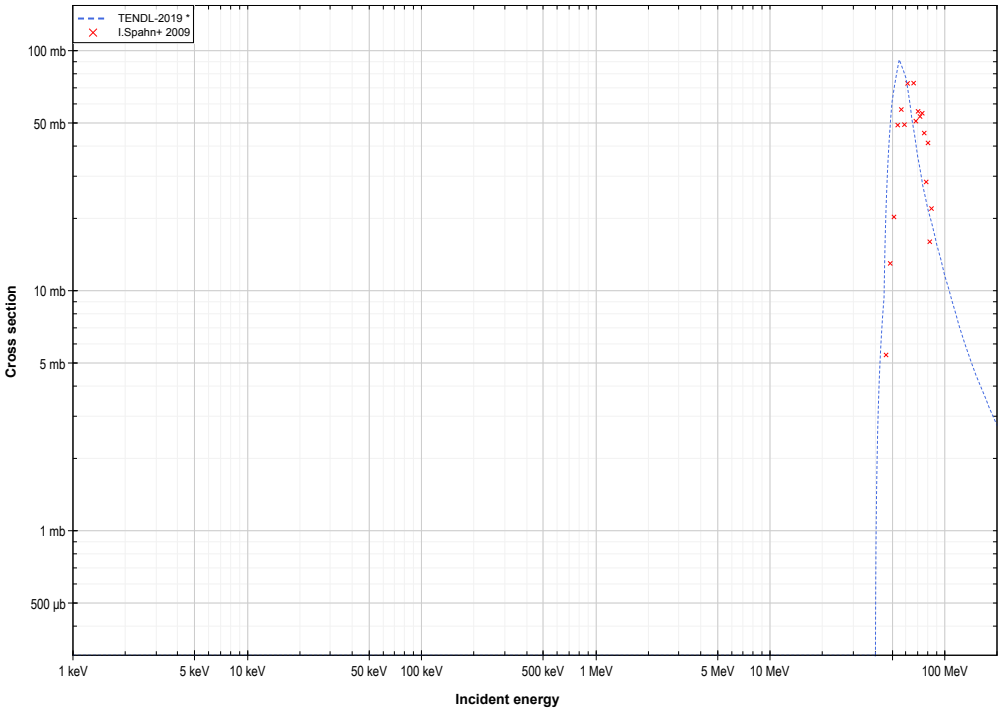
Se80 (p,4n) or Br77 production lin-log



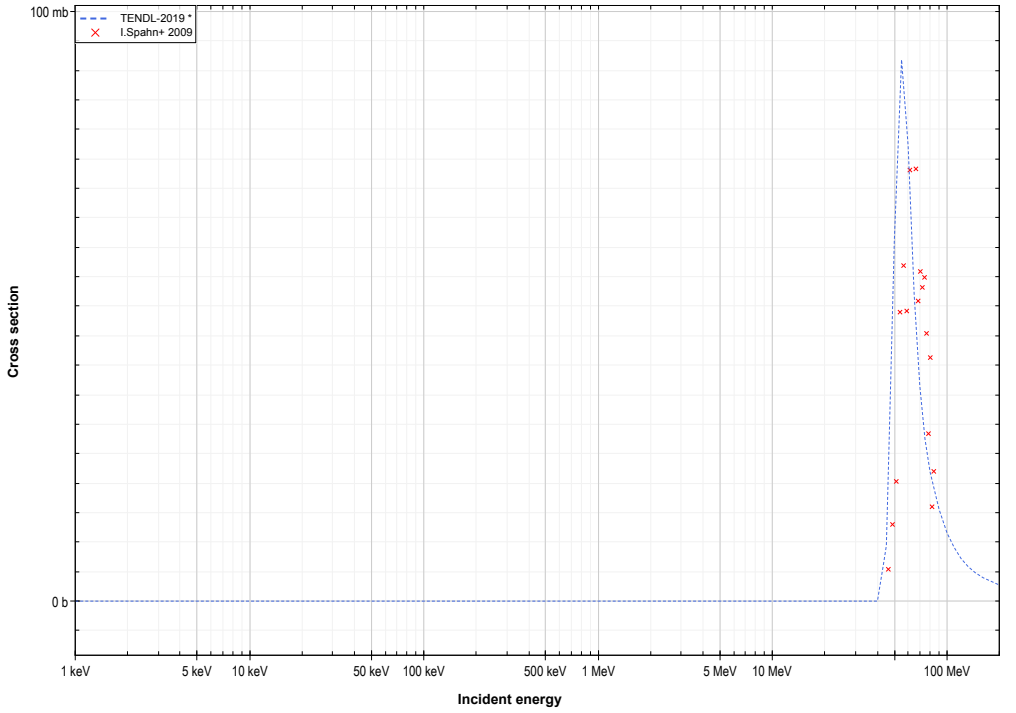
Reaction	Q-Value
Se80(p,4n)Br77	-29521.00 keV

<< 31-Ga-71	**34-Se-80**	35-Br-81 >>
<< MT37 (p,4n)	**MT152 (p,5n) or MT5 (Br76 production)**	MT176 (p,2n+^{3}He) >>

Se80 (p,5n) or Br76 production log-log



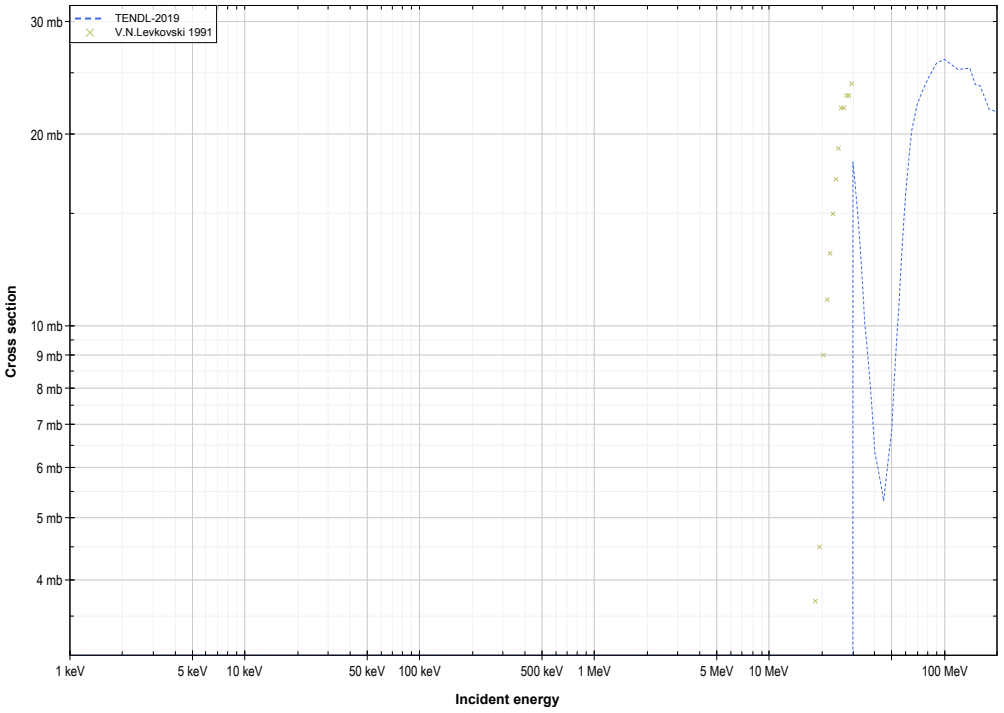
Se80 (p,5n) or Br76 production lin-log



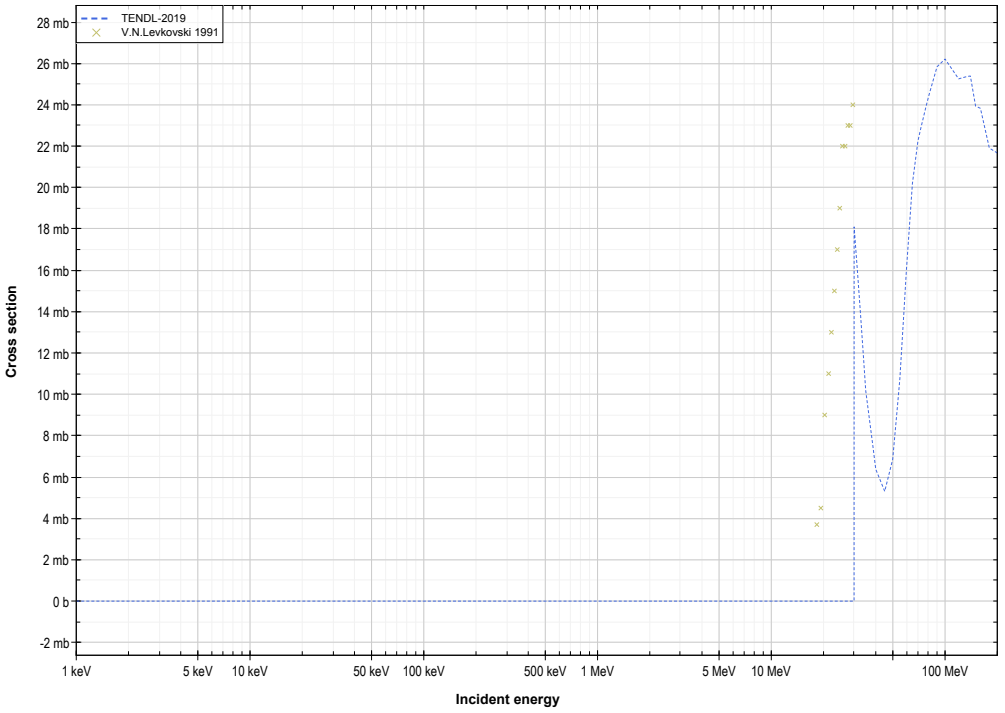
Reaction	Q-Value
Se80(p,5n)Br76	-40538.11 keV

<< 34-Se-78	**34-Se-80**	34-Se-82 >>
<< MT152 (p,5n)	**MT176 (p,2n+³He) or MT5 (As76 production)**	MT179 (p,3n+2p) >>

Se80 (p,2n+³He) or As76 production log-log



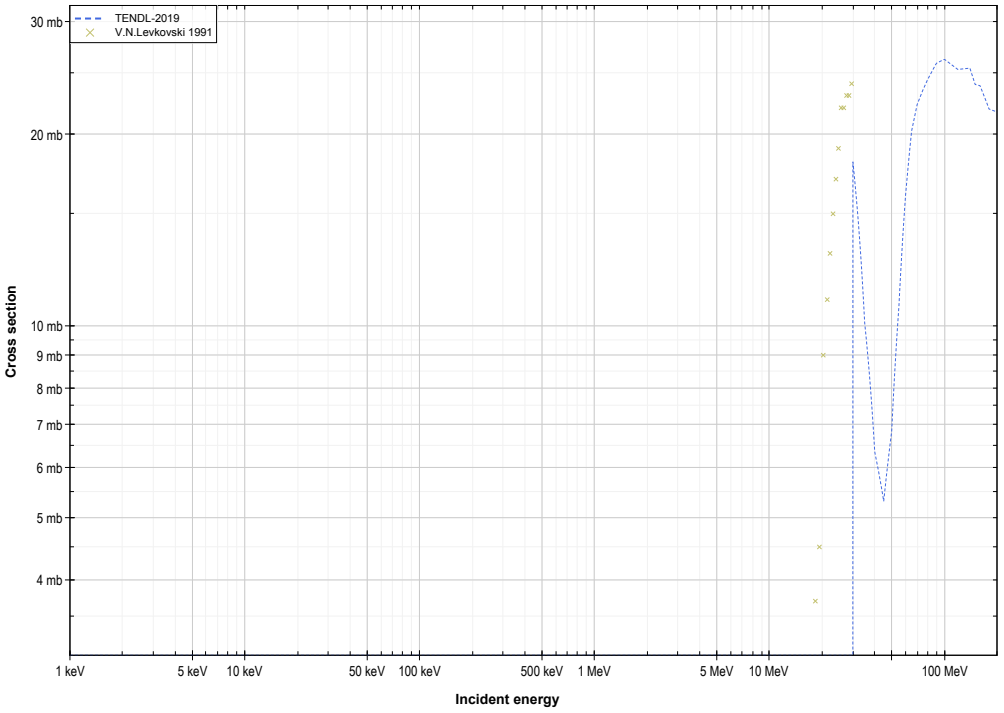
Se80 (p,2n+³He) or As76 production lin-log



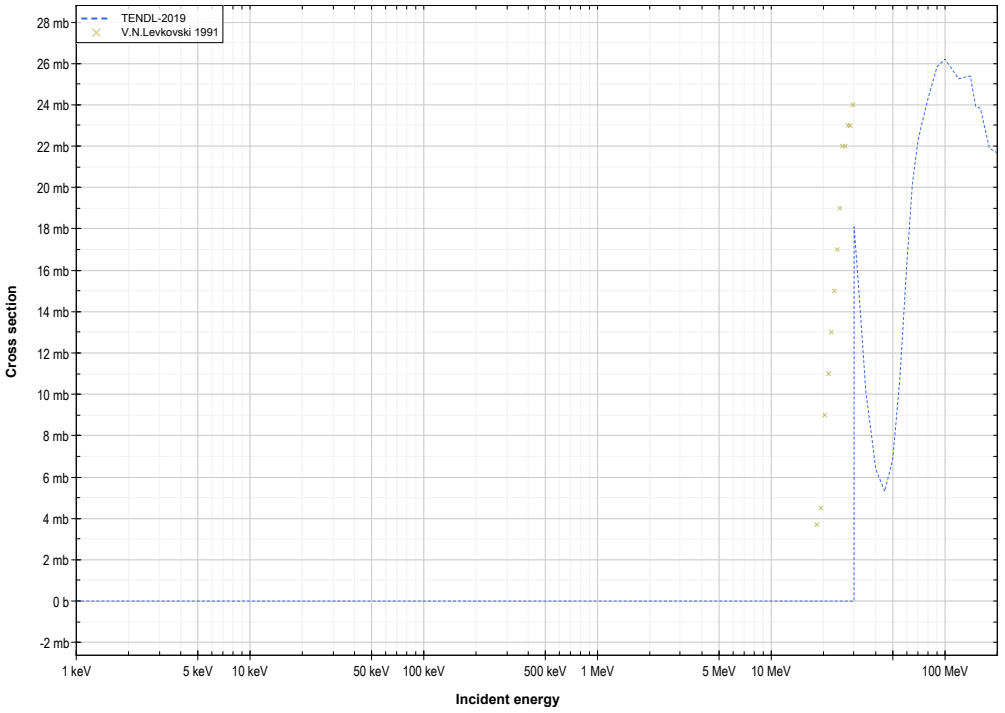
Reaction	Q-Value
Se80(p,n+α)As76	-8675.36 keV
Se80(p,d+t)As76	-26264.66 keV
Se80(p,n+p+t)As76	-28489.23 keV
Se80(p,2n+He3)As76	-29252.98 keV
Se80(p,n+2d)As76	-32521.89 keV
Se80(p,2n+p+d)As76	-34746.46 keV
Se80(p,3n+2p)As76	-36971.02 keV

<< 34-Se-78	**34-Se-80**	34-Se-82 >>
<< MT176 (p,2n+³He)	**MT179 (p,3n+2p) or MT5 (As76 production)**	MT182 (p,d+t) >>

Se80 (p,3n+2p) or As76 production log-log



Se80 (p,3n+2p) or As76 production lin-log



Reaction	Q-Value
Se80(p,n+α)As76	-8675.36 keV
Se80(p,d+t)As76	-26264.66 keV
Se80(p,n+p+t)As76	-28489.23 keV
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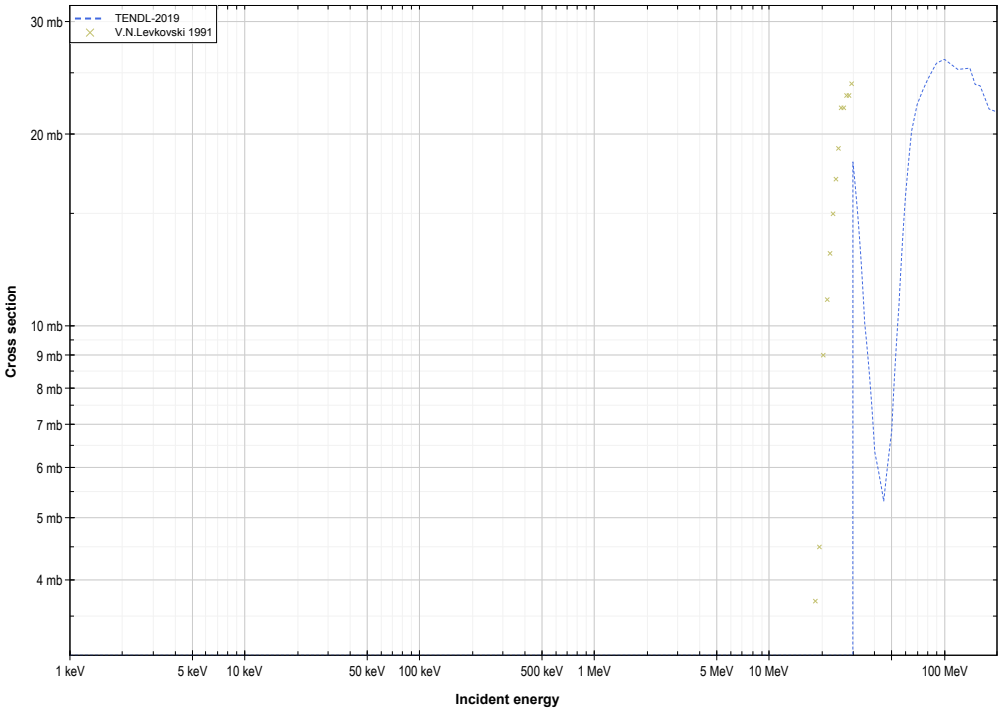
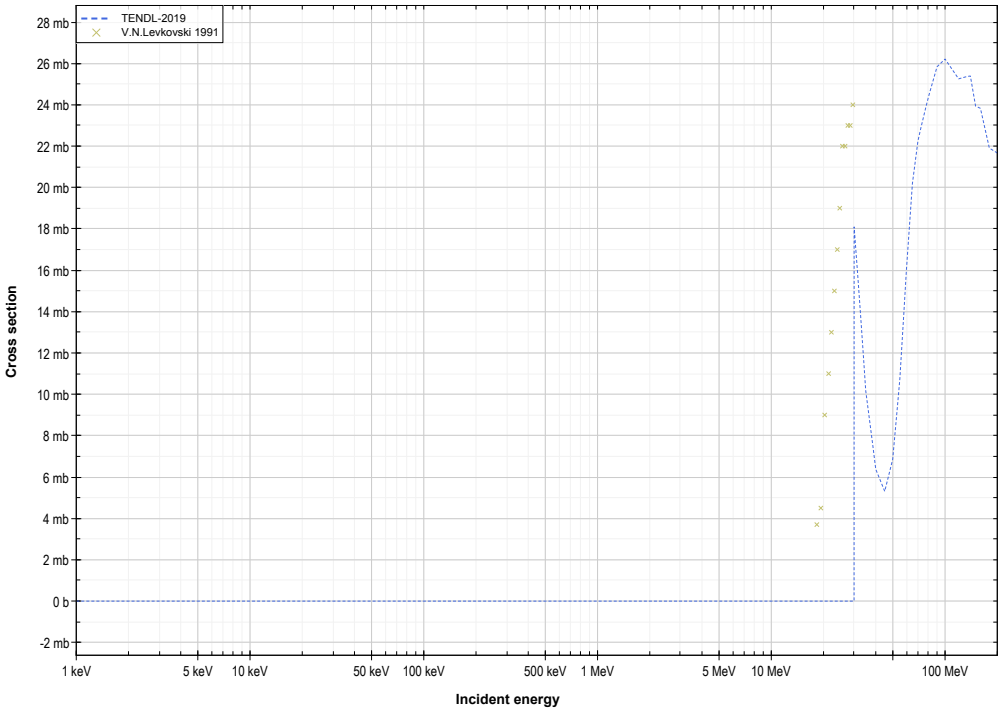
Se80(p,2n+p+d)As76	-34746.46 keV
Se80(p,3n+2p)As76	-36971.02 keV

<< 34-Se-78	**34-Se-80**	34-Se-82 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (As76 production)**	MT184 (p,n+p+t) >>

Se80 (p,d+t) or As76 production log-log



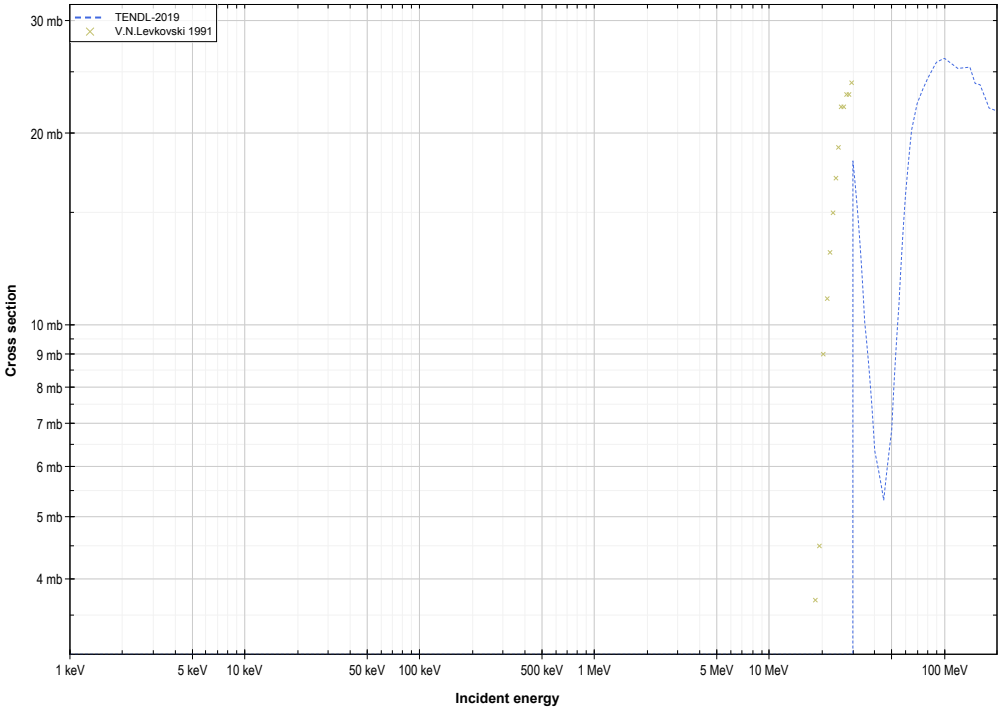
Se80 (p,d+t) or As76 production lin-log



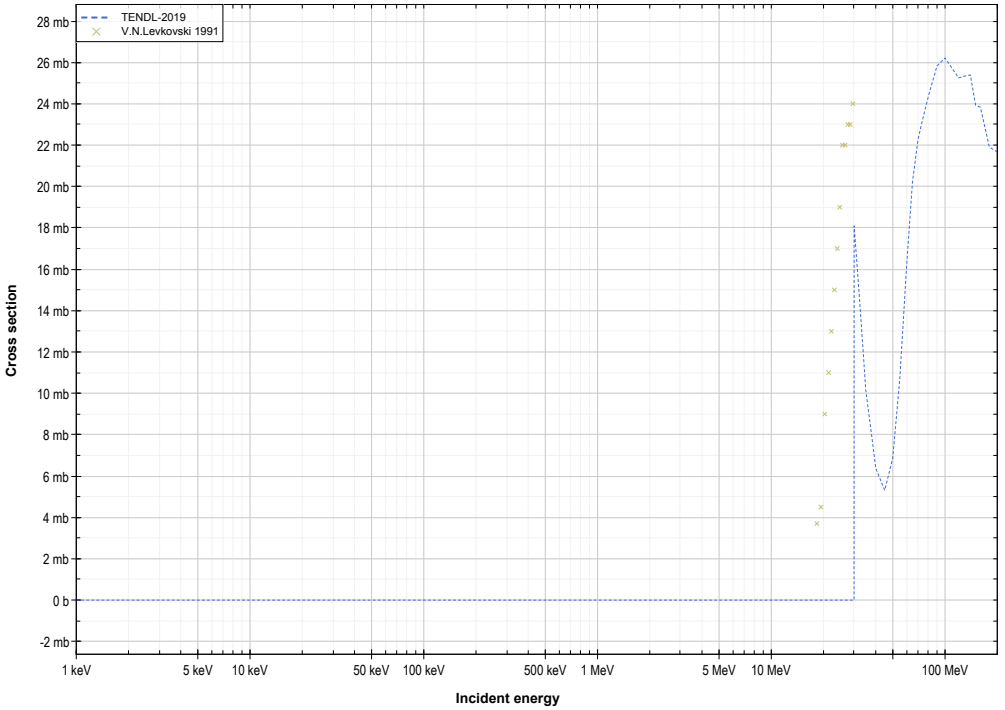
Reaction	Q-Value
Se80(p,n+α)As76	-8675.36 keV
Se80(p,d+t)As76	-26264.66 keV
Se80(p,n+p+t)As76	-28489.23 keV
Se80(p,2n+He3)As76	-29252.98 keV
Se80(p,n+2d)As76	-32521.89 keV
Se80(p,2n+p+d)As76	-34746.46 keV
Se80(p,3n+2p)As76	-36971.02 keV

<< 34-Se-78	**34-Se-80**	34-Se-82 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (As76 production)**	34-Se-82 MT4 (p,n) >>

Se80 (p,n+p+t) or As76 production log-log



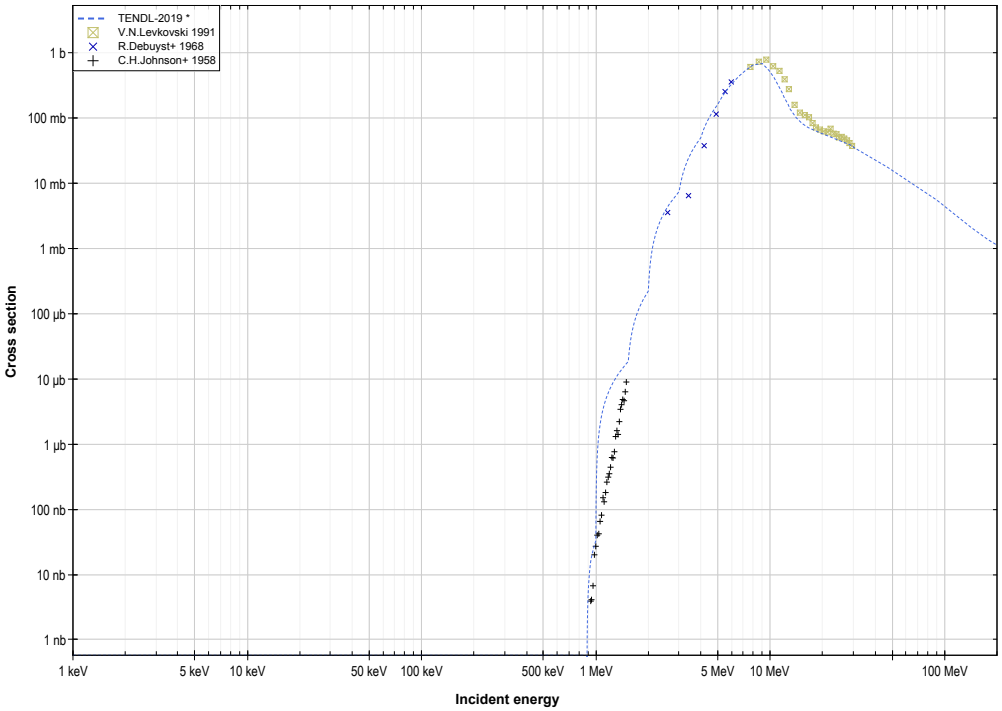
Se80 (p,n+p+t) or As76 production lin-log



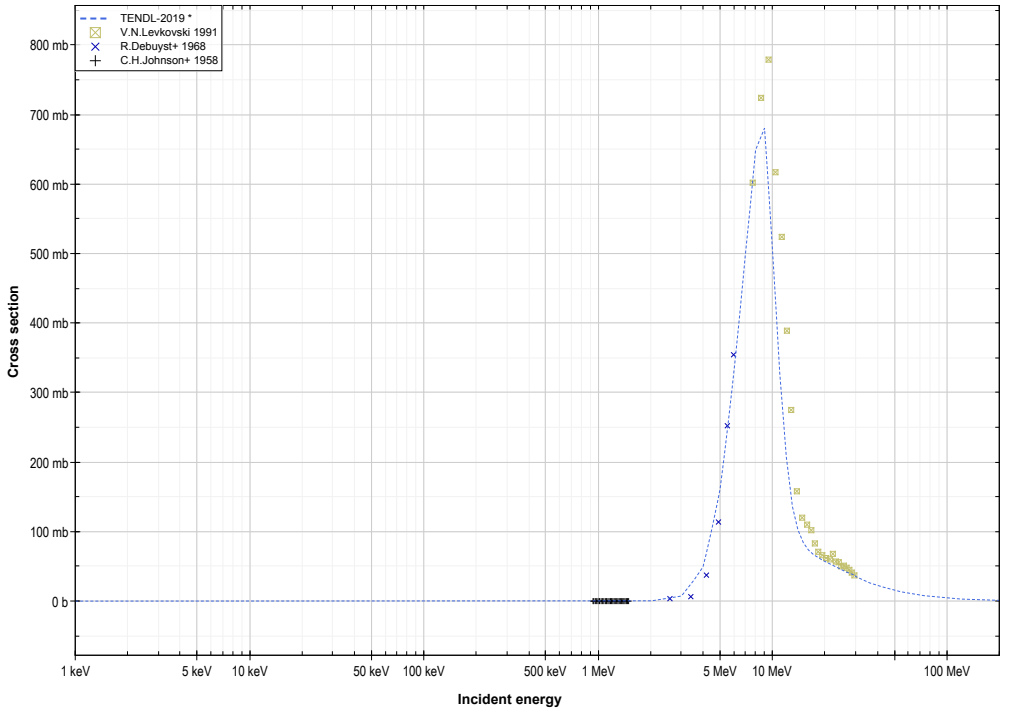
Reaction	Q-Value
Se80(p,n+α)As76	-8675.36 keV
Se80(p,d+t)As76	-26264.66 keV
Se80(p,n+p+t)As76	-28489.23 keV
Se80(p,2n+He3)As76	-29252.98 keV
Se80(p,n+2d)As76	-32521.89 keV
Se80(p,2n+p+d)As76	-34746.46 keV
Se80(p,3n+2p)As76	-36971.02 keV

<< 34-Se-80	**34-Se-82**	35-Br-79 >>
<< 34-Se-80 MT184 (p,n+p+t)	**MT4 (p,n) or MT5 (Br82 production)**	MT22 (p,n+α) >>

Se82 (p,n) or Br82 production log-log



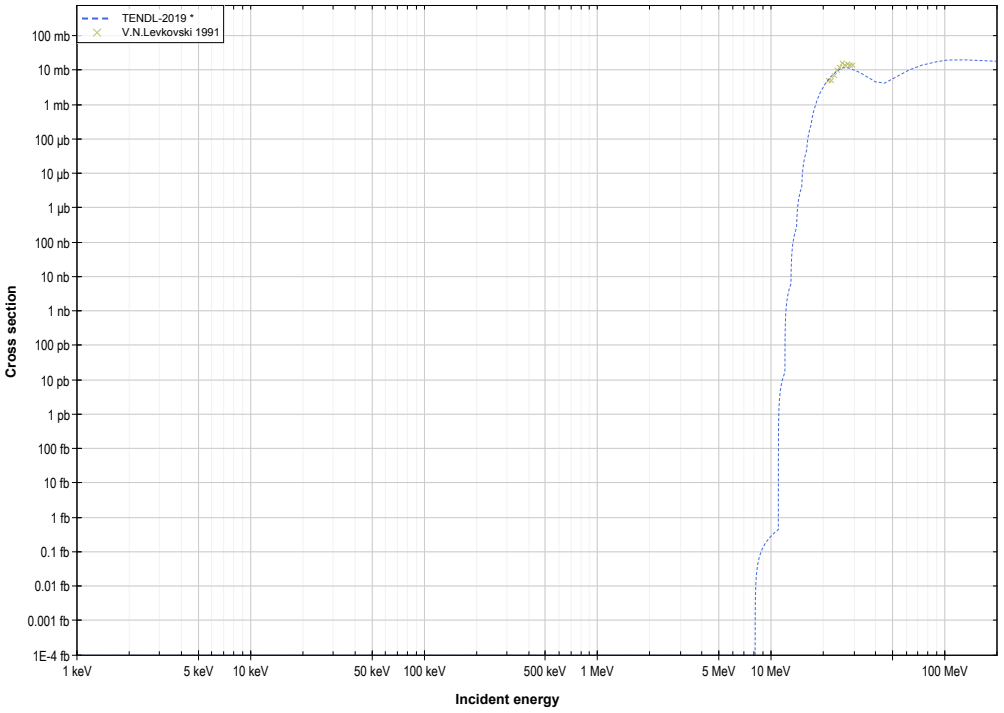
Se82 (p,n) or Br82 production lin-log



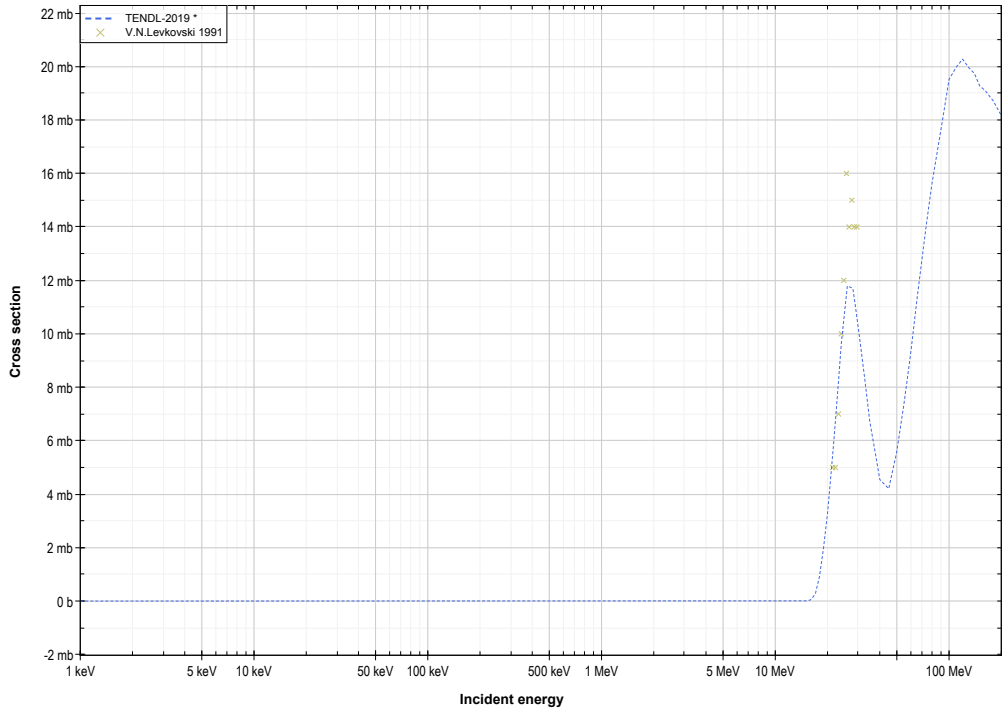
Reaction	Q-Value
Se82(p,n)Br82	-877.55 keV

<< 34-Se-80	**34-Se-82**	35-Br-79 >>
<< MT4 (p,n)	**MT22 (p,n+α) or MT5 (As78 production)**	MT102 (p,γ) >>

Se82 (p,n+α) or As78 production log-log



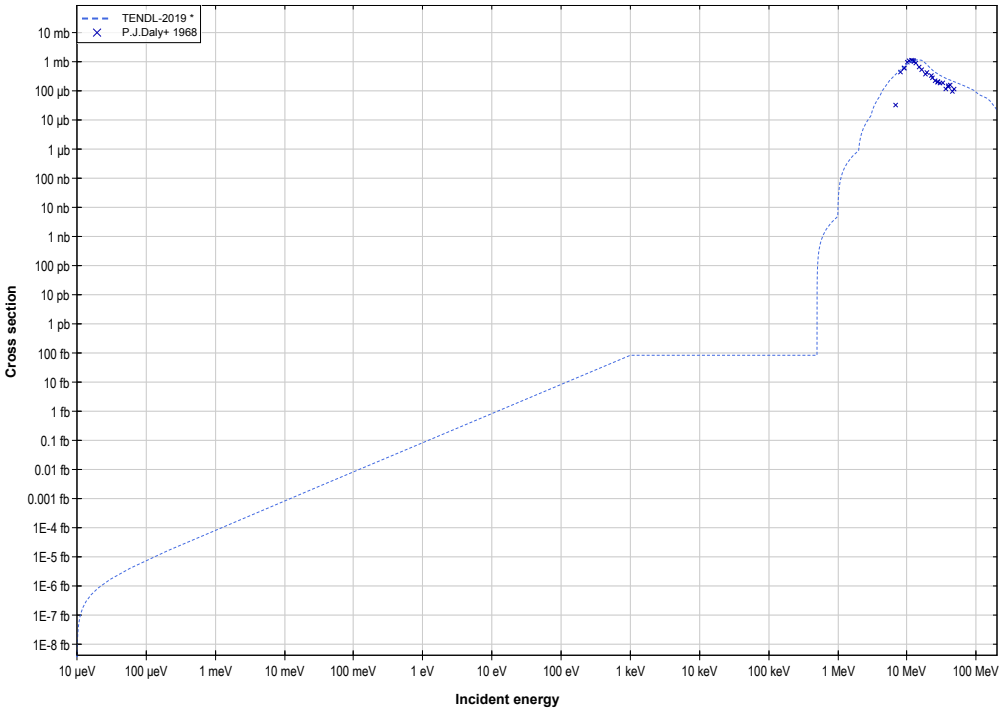
Se82 (p,n+α) or As78 production lin-log



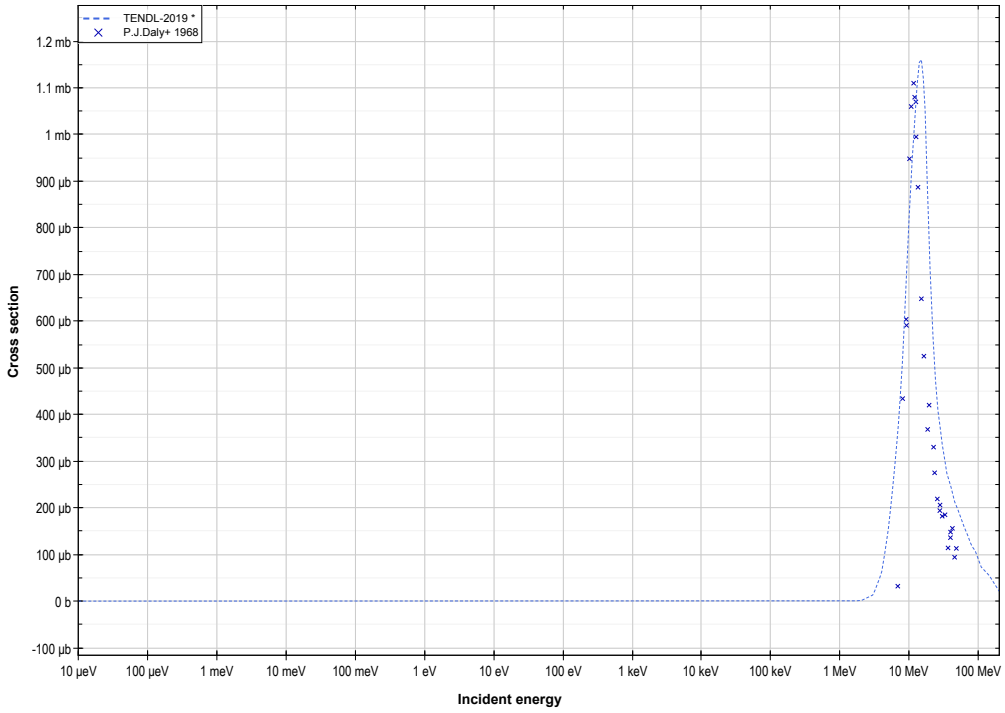
Reaction	Q-Value
Se82(p,n+α)As78	-7984.16 keV
Se82(p,d+t)As78	-25573.46 keV
Se82(p,n+p+t)As78	-27798.03 keV
Se82(p,2n+He3)As78	-28561.78 keV
Se82(p,n+2d)As78	-31830.69 keV
Se82(p,2n+p+d)As78	-34055.26 keV
Se82(p,3n+2p)As78	-36279.82 keV

<< 34-Se-77	**34-Se-82**	38-Sr-84 >>
<< MT22 (p,n+α)	**MT102 (p,γ) or MT5 (Br83 production)**	MT176 (p,2n+³He) >>

Se82 (p,γ) or Br83 production log-log



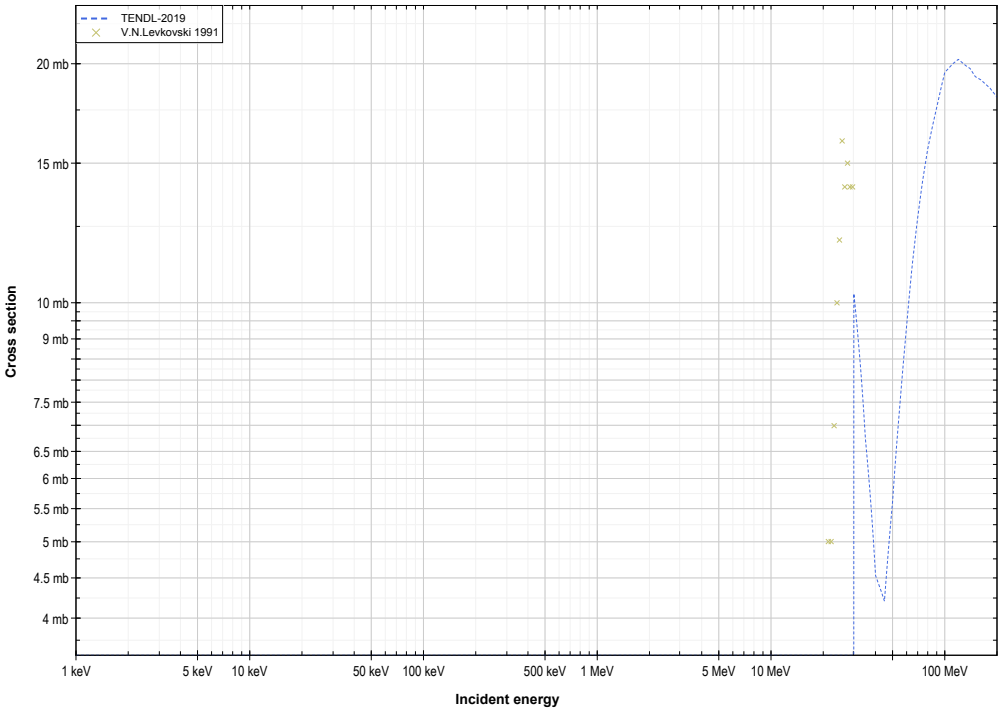
Se82 (p,γ) or Br83 production lin-log



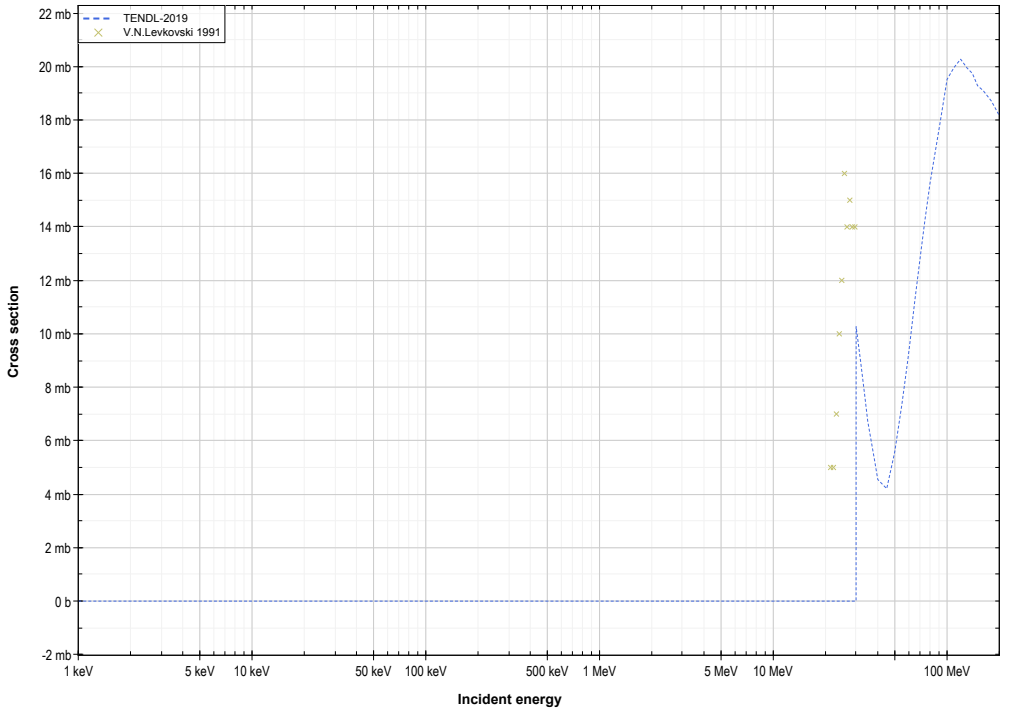
Reaction	Q-Value
Se82(p,γ)Br83	8709.07 keV

<< 34-Se-80	**34-Se-82**	35-Br-79 >>
<< MT102 (p,γ)	**MT176 (p,2n+³He) or MT5 (As78 production)**	MT179 (p,3n+2p) >>

Se82 (p,2n+³He) or As78 production log-log



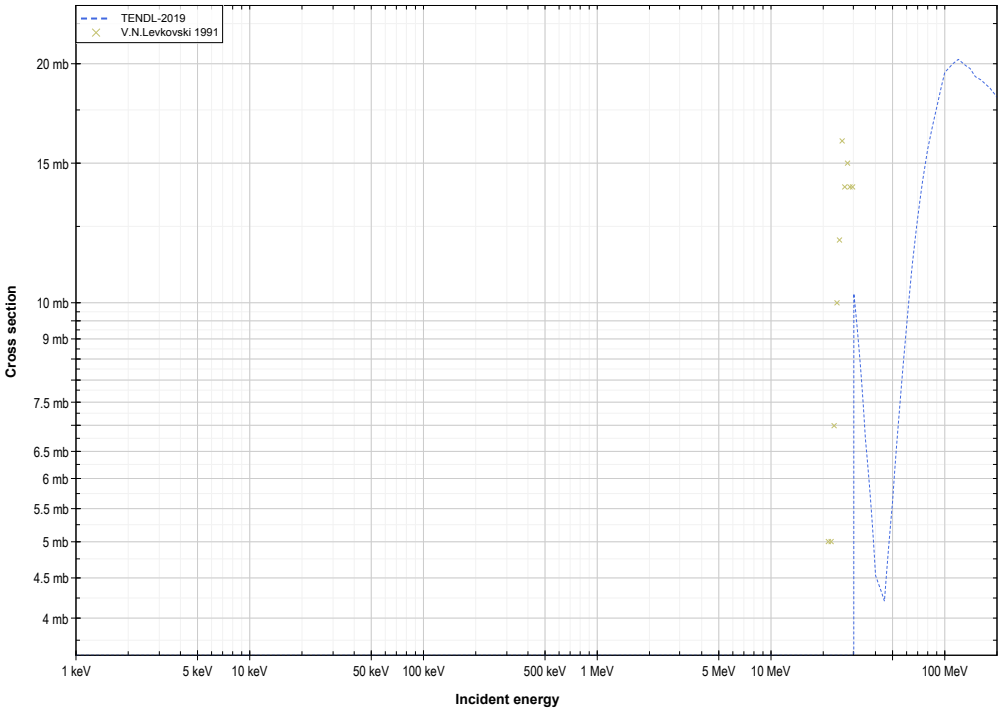
Se82 (p,2n+³He) or As78 production lin-log



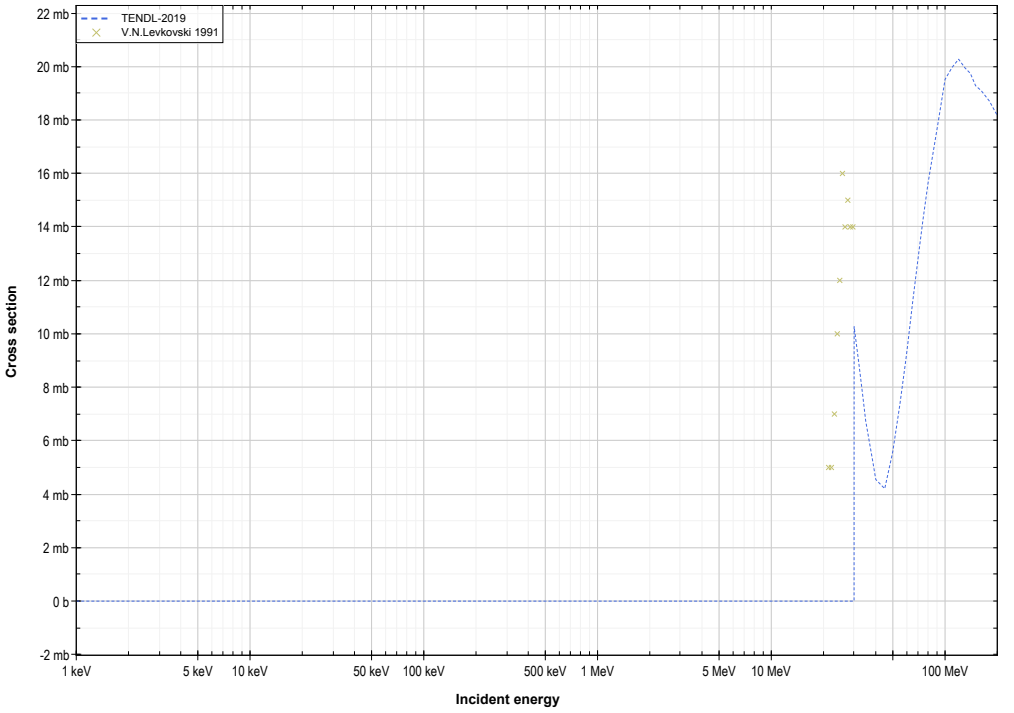
Reaction	Q-Value
Se82(p,n+α)As78	-7984.16 keV
Se82(p,d+t)As78	-25573.46 keV
Se82(p,n+p+t)As78	-27798.03 keV
Se82(p,2n+He3)As78	-28561.78 keV
Se82(p,n+2d)As78	-31830.69 keV
Se82(p,2n+p+d)As78	-34055.26 keV
Se82(p,3n+2p)As78	-36279.82 keV

<< 34-Se-80	**34-Se-82**	35-Br-79 >>
<< MT176 (p,2n+^{3}He)	**MT179 (p,3n+2p) or MT5 (As78 production)**	MT182 (p,d+t) >>

Se82 (p,3n+2p) or As78 production log-log



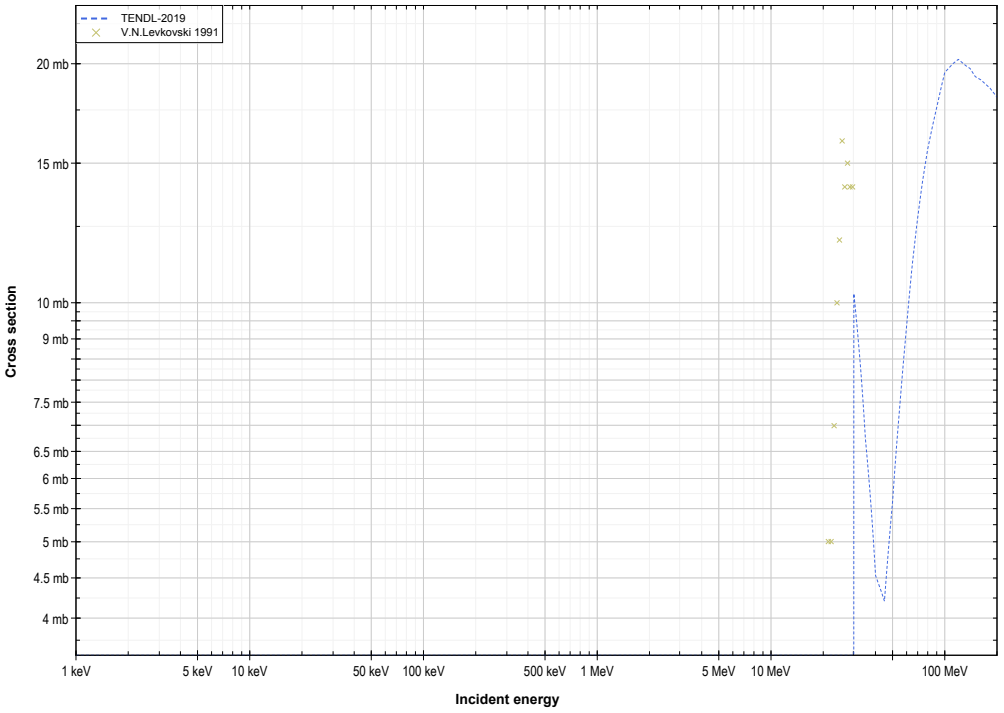
Se82 (p,3n+2p) or As78 production lin-log



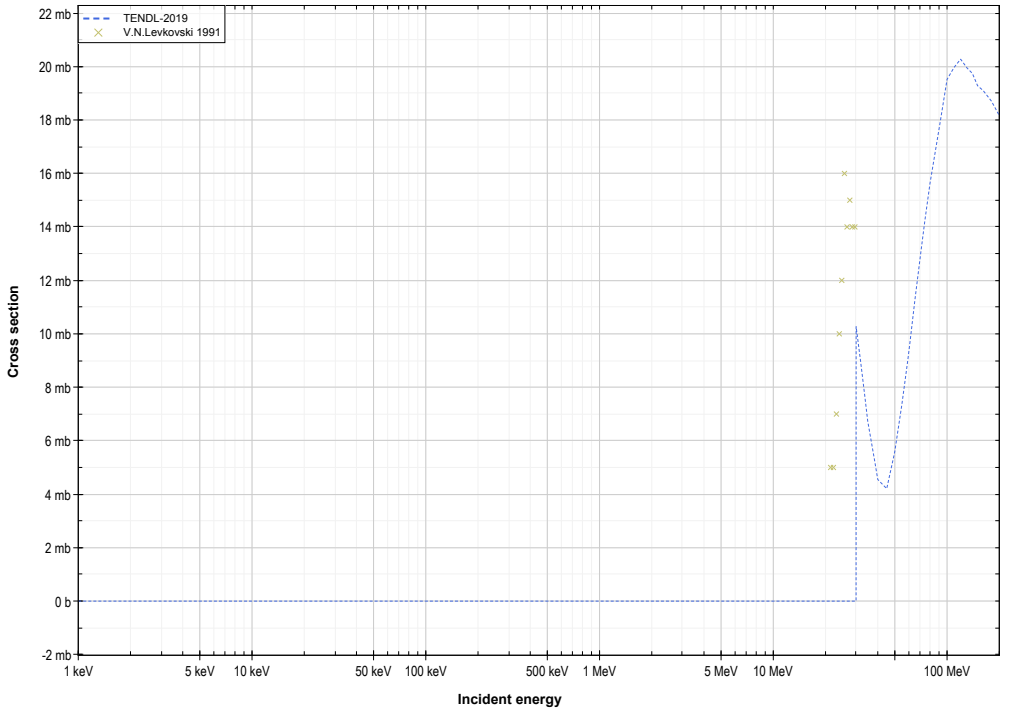
Reaction	Q-Value
Se82(p,n+α)As78	-7984.16 keV
Se82(p,d+t)As78	-25573.46 keV
Se82(p,n+p+t)As78	-27798.03 keV
Se82(p,2n+He3)As78	-28561.78 keV
Se82(p,n+2d)As78	-31830.69 keV
Se82(p,2n+p+d)As78	-34055.26 keV
Se82(p,3n+2p)As78	-36279.82 keV

<< 34-Se-80	**34-Se-82**	35-Br-79 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (As78 production)**	MT184 (p,n+p+t) >>

Se82 (p,d+t) or As78 production log-log



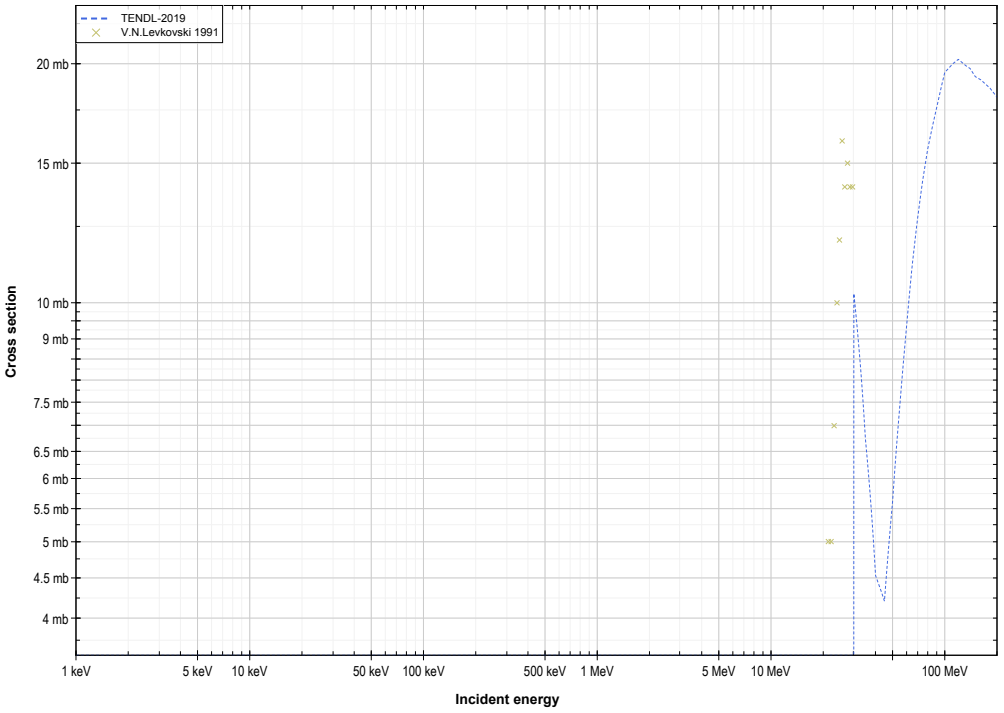
Se82 (p,d+t) or As78 production lin-log



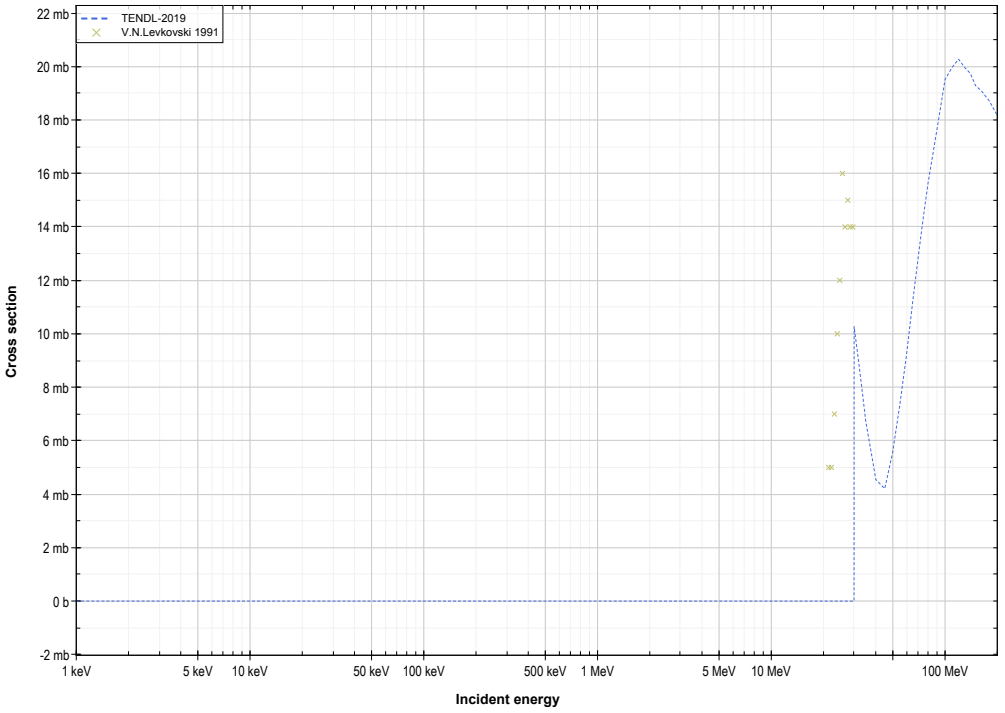
Reaction	Q-Value
Se82(p,n+α)As78	-7984.16 keV
Se82(p,d+t)As78	-25573.46 keV
Se82(p,n+p+t)As78	-27798.03 keV
Se82(p,2n+He3)As78	-28561.78 keV
Se82(p,n+2d)As78	-31830.69 keV
Se82(p,2n+p+d)As78	-34055.26 keV
Se82(p,3n+2p)As78	-36279.82 keV

<< 34-Se-80	**34-Se-82**	35-Br-79 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (As78 production)**	35-Br-79 MT4 (p,n) >>

Se82 (p,n+p+t) or As78 production log-log



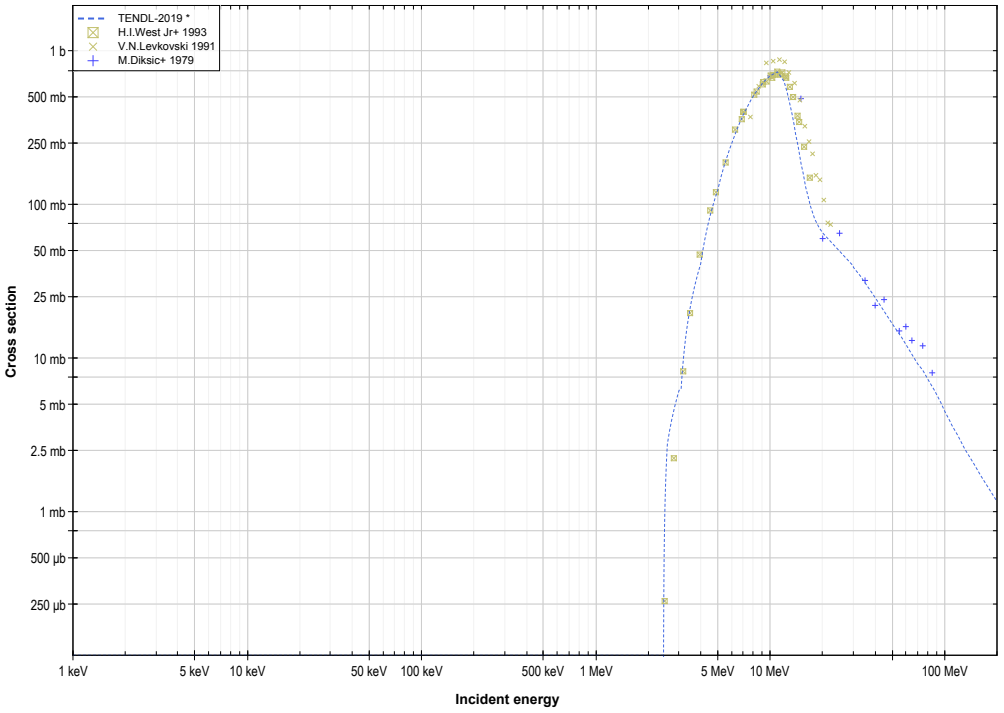
Se82 (p,n+p+t) or As78 production lin-log



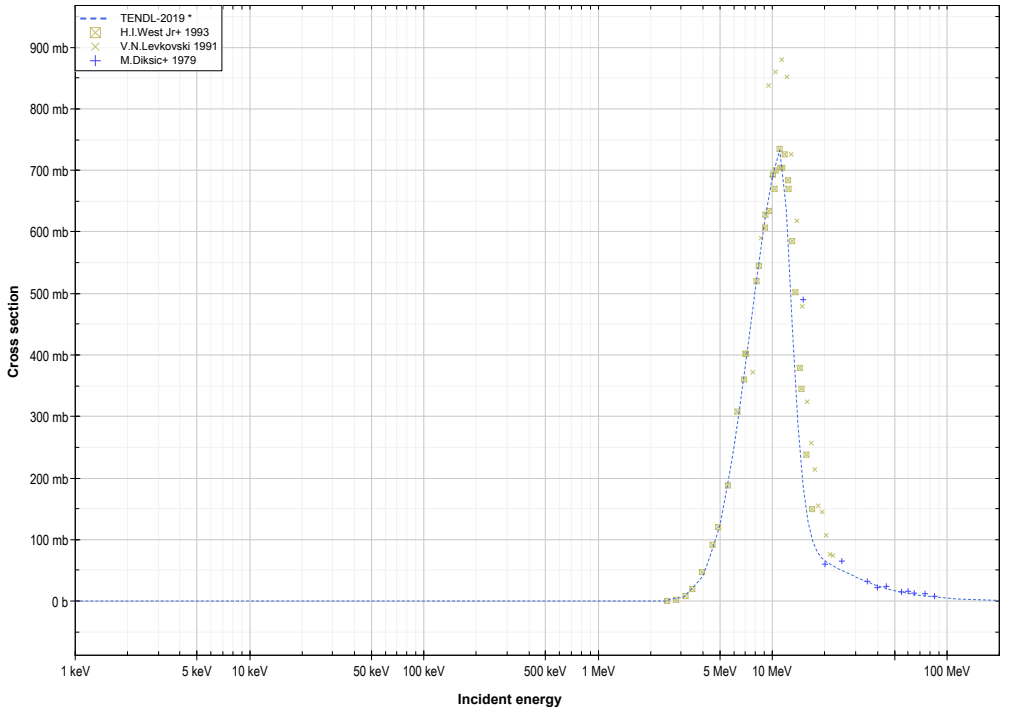
Reaction	Q-Value
Se82(p,n+α)As78	-7984.16 keV
Se82(p,d+t)As78	-25573.46 keV
Se82(p,n+p+t)As78	-27798.03 keV
Se82(p,2n+He3)As78	-28561.78 keV
Se82(p,n+2d)As78	-31830.69 keV
Se82(p,2n+p+d)As78	-34055.26 keV
Se82(p,3n+2p)As78	-36279.82 keV

<< 34-Se-82	**35-Br-79**	35-Br-81 >>
<< 34-Se-82 MT184 (p,n+p+t)	**MT4 (p,n) or MT5 (Kr79 production)**	MT17 (p,3n) >>

Br79 (p,n) or Kr79 production log-log



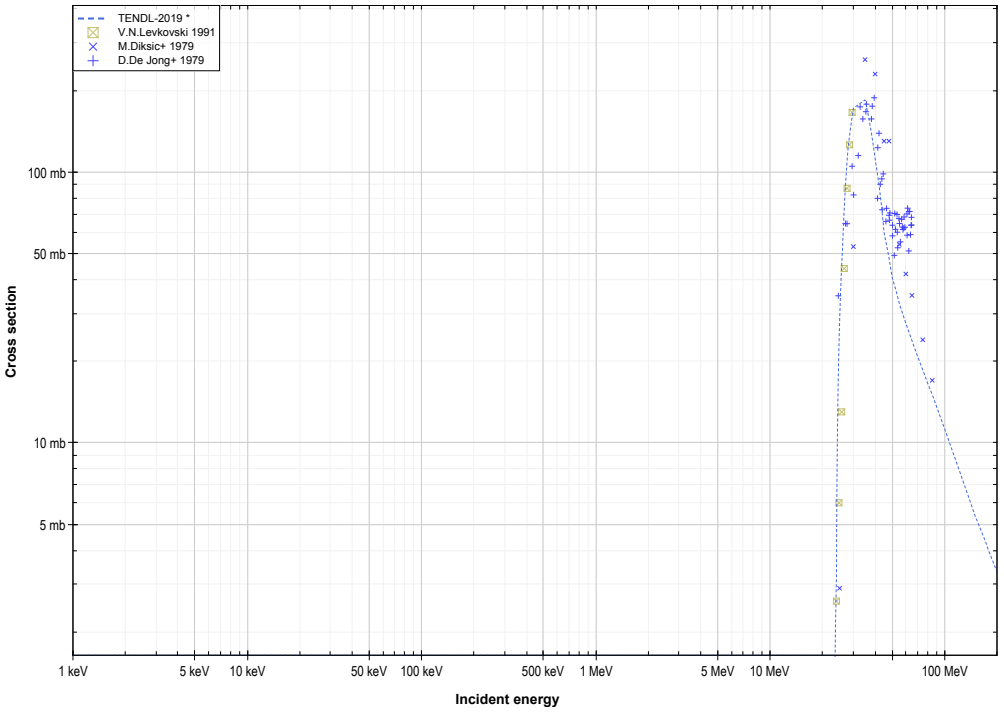
Br79 (p,n) or Kr79 production lin-log



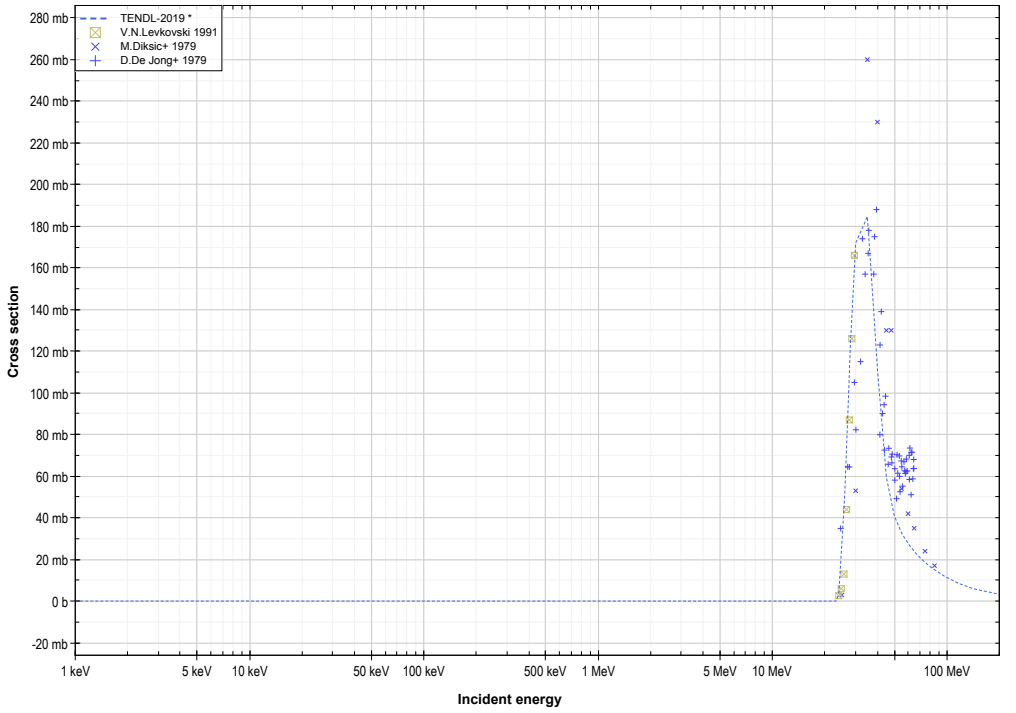
Reaction	Q-Value
Br79(p,n)Kr79	-2408.35 keV

<< 34-Se-78	**35-Br-79**	35-Br-81 >>
<< MT4 (p,n)	**MT17 (p,3n) or MT5 (Kr77 production)**	MT22 (p,n+α) >>

Br79 (p,3n) or Kr77 production log-log



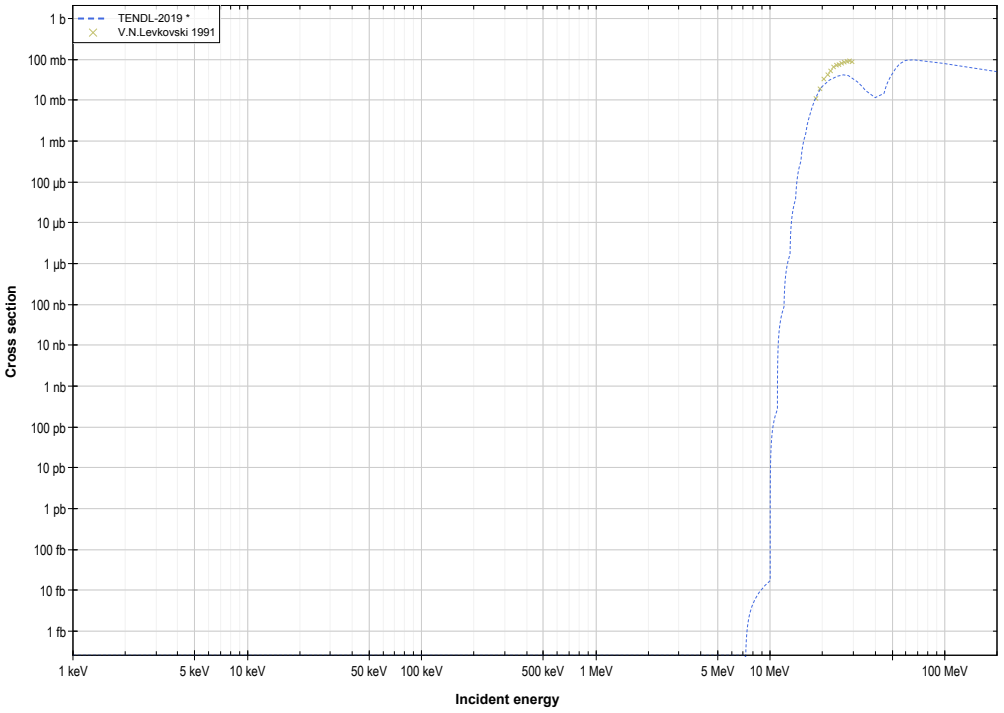
Br79 (p,3n) or Kr77 production lin-log



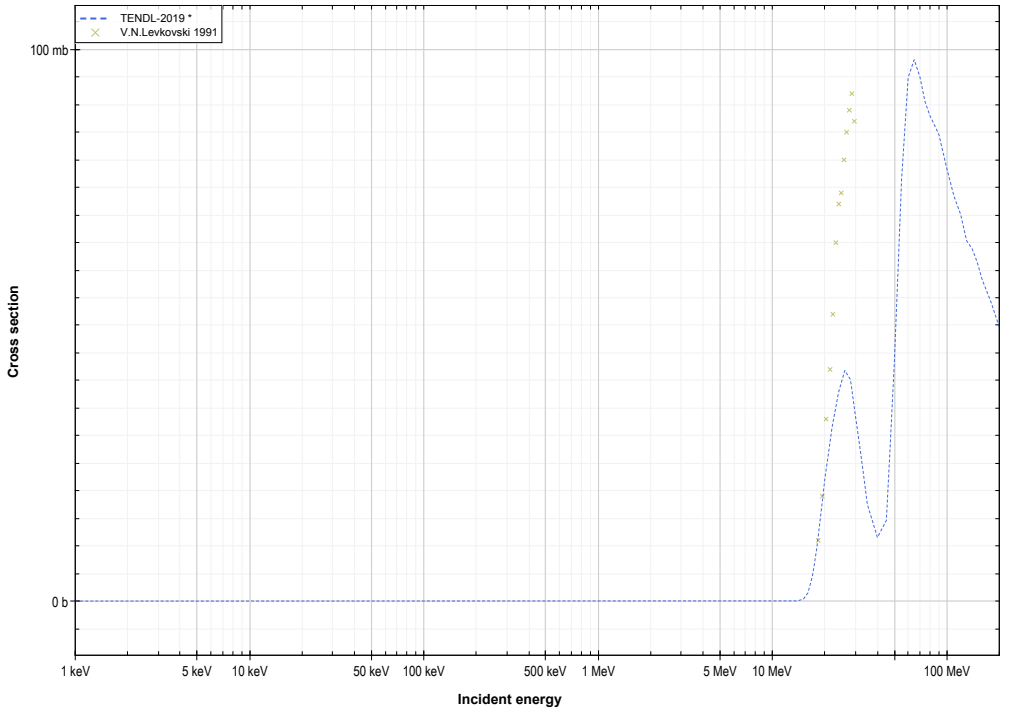
Reaction	Q-Value
Br79(p,3n)Kr77	-22823.58 keV

<< 34-Se-82	**35-Br-79**	36-Kr-80 >>
<< MT17 (p,3n)	**MT22 (p,n+α) or MT5 (Se75 production)**	MT28 (p,n+p) >>

Br79 (p,n+α) or Se75 production log-log



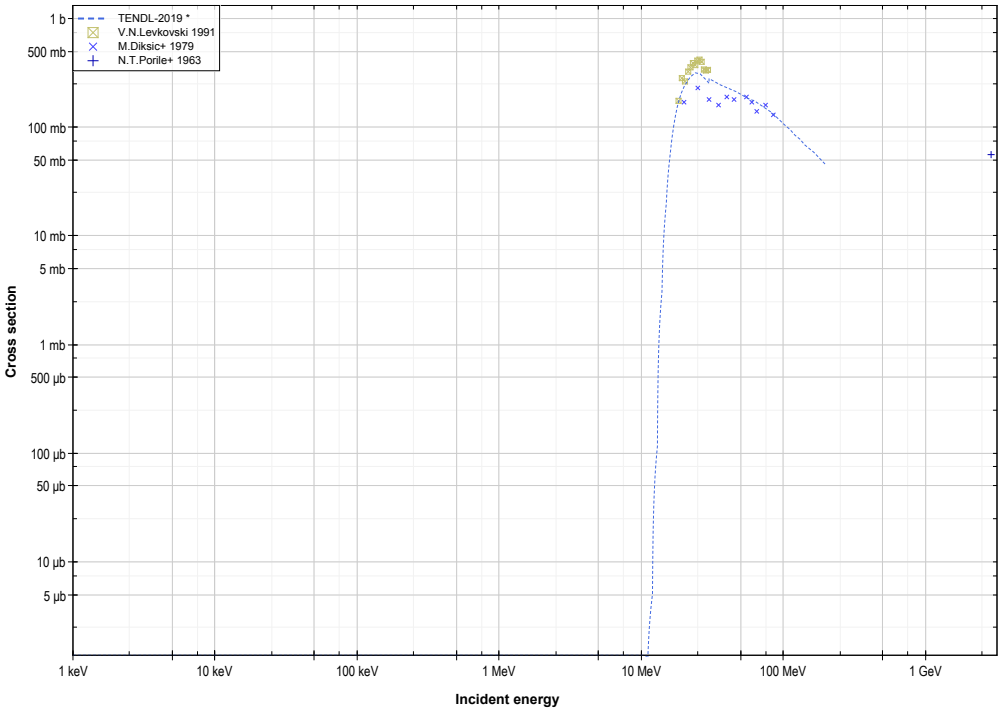
Br79 (p,n+α) or Se75 production lin-log



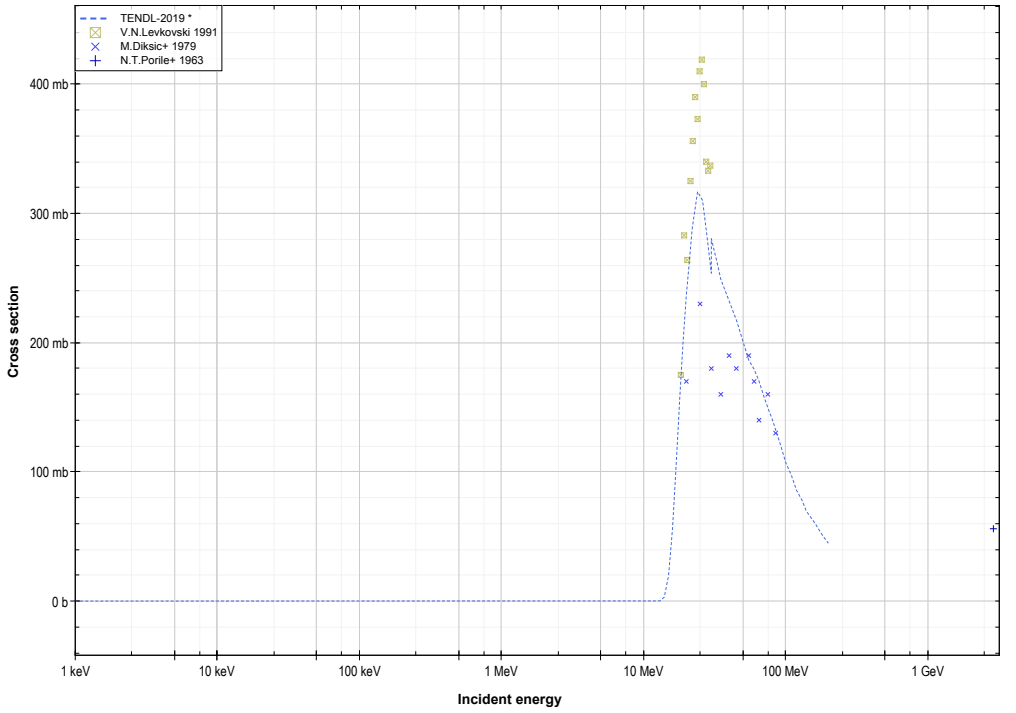
Reaction	Q-Value
Br79(p,n+α)Se75	-7105.78 keV
Br79(p,d+t)Se75	-24695.08 keV
Br79(p,n+p+t)Se75	-26919.65 keV
Br79(p,2n+He3)Se75	-27683.40 keV
Br79(p,n+2d)Se75	-30952.31 keV
Br79(p,2n+p+d)Se75	-33176.88 keV
Br79(p,3n+2p)Se75	-35401.44 keV

<< 34-Se-76	**35-Br-79**	35-Br-81 >>
<< MT22 (p,n+α)	**MT28 (p,n+p) or MT5 (Br78 production)**	MT32 (p,n+d) >>

Br79 (p,n+p) or Br78 production log-log



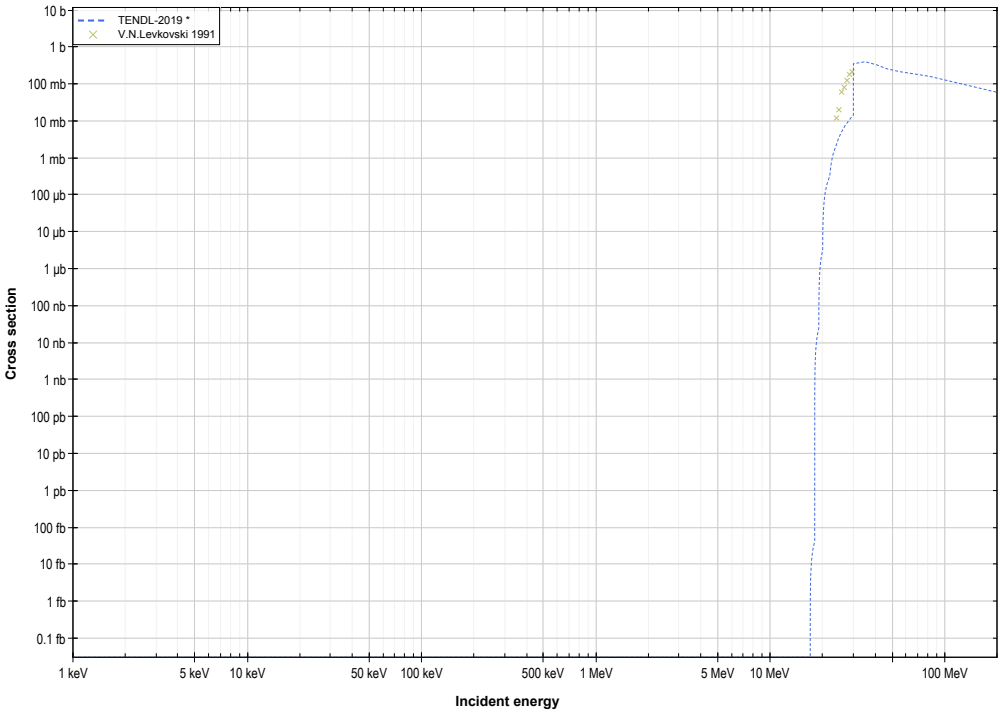
Br79 (p,n+p) or Br78 production lin-log



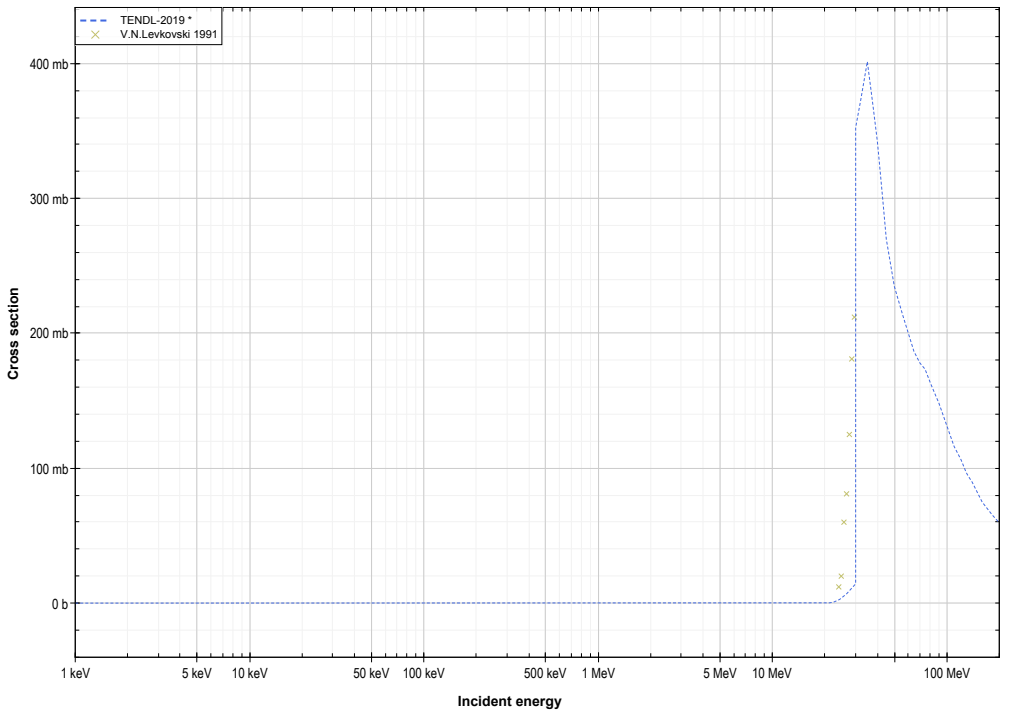
Reaction	Q-Value
Br79(p,d)Br78	-8462.75 keV
Br79(p,n+p)Br78	-10687.32 keV

<< 34-Se-74	**35-Br-79**	37-Rb-85 >>
<< MT28 (p,n+p)	**MT32 (p,n+d) or MT5 (Br77 production)**	MT37 (p,4n) >>

Br79 (p,n+d) or Br77 production log-log



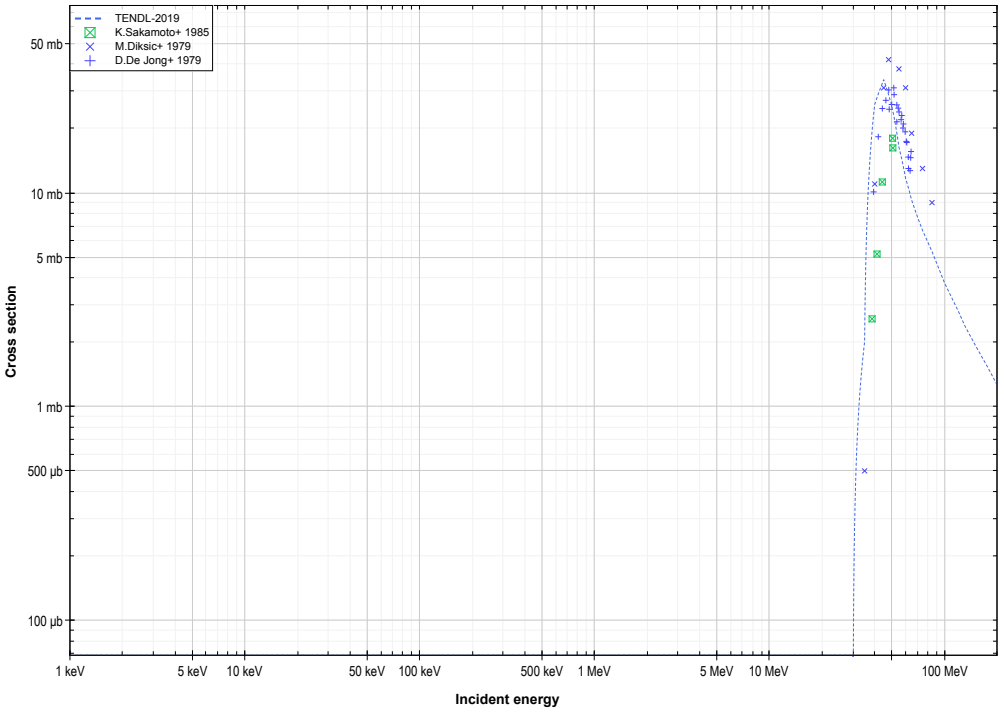
Br79 (p,n+d) or Br77 production lin-log



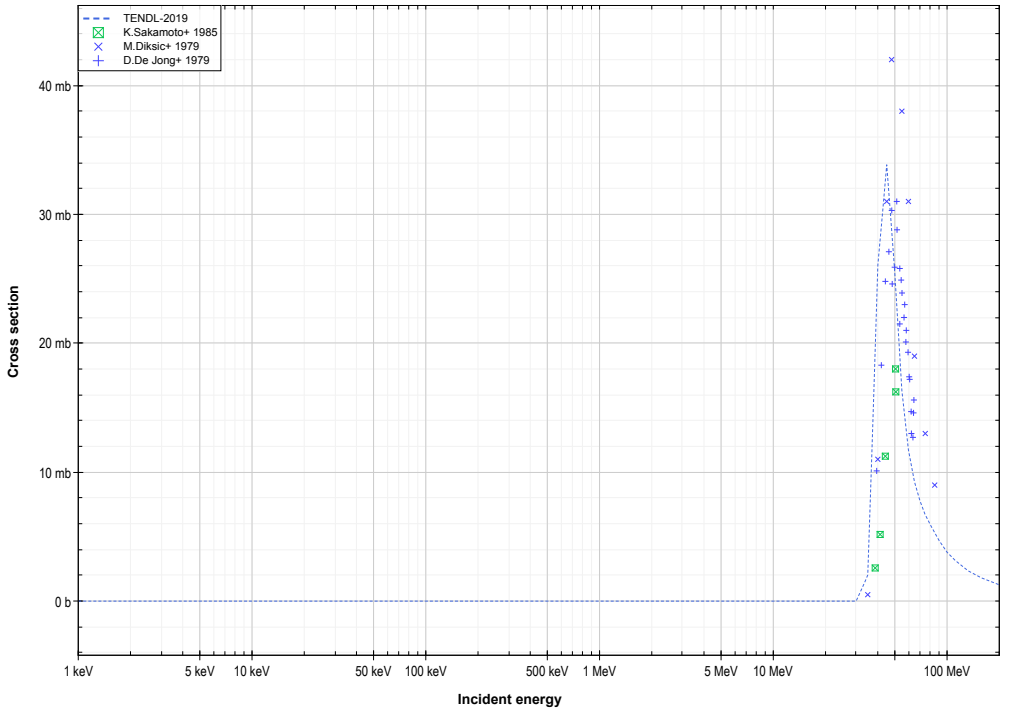
Reaction	Q-Value
Br79(p,t)Br77	-10494.04 keV
Br79(p,n+d)Br77	-16751.27 keV
Br79(p,2n+p)Br77	-18975.83 keV

<< 34-Se-80	**35-Br-79**	37-Rb-85 >>
<< MT32 (p,n+d)	**MT37 (p,4n) or MT5 (Kr76 production)**	MT41 (p,2n+p) >>

Br79 (p,4n) or Kr76 production log-log



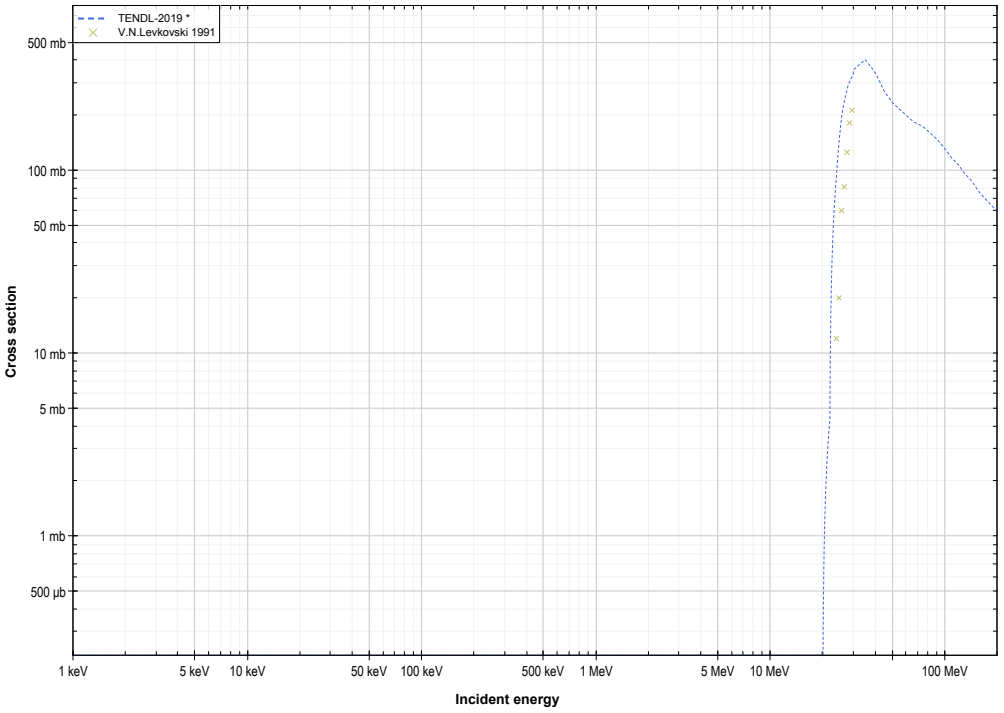
Br79 (p,4n) or Kr76 production lin-log



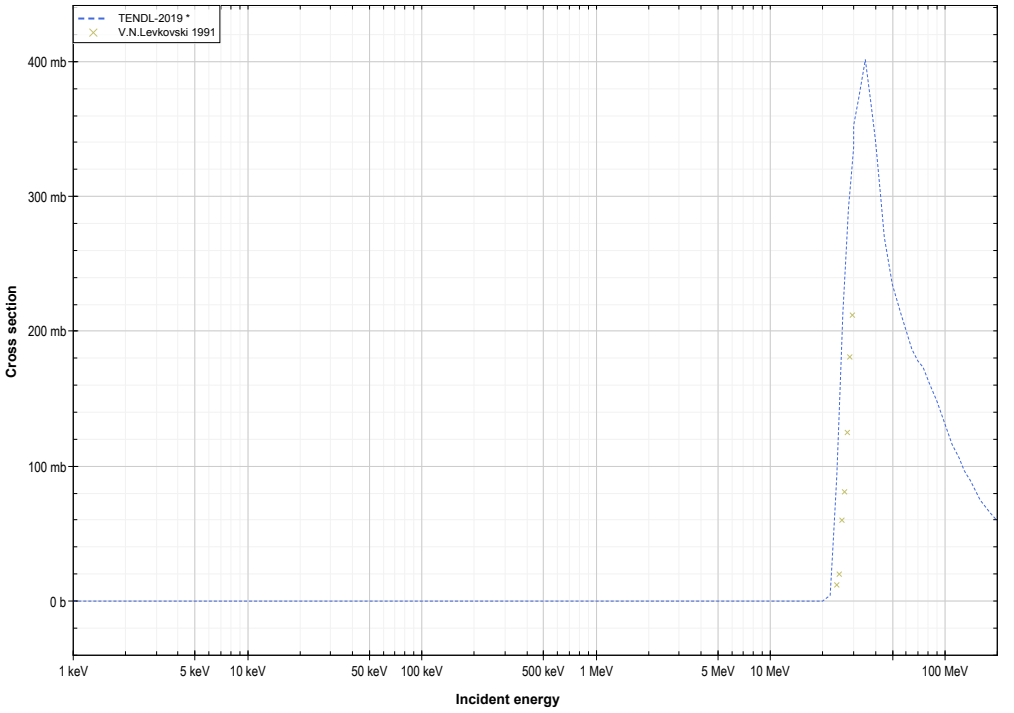
Reaction	Q-Value
Br79(p,4n)Kr76	-32050.30 keV

<< 34-Se-74	**35-Br-79**	37-Rb-85 >>
<< MT37 (p,4n)	**MT41 (p,2n+p) or MT5 (Br77 production)**	MT104 (p,d) >>

Br79 (p,2n+p) or Br77 production log-log



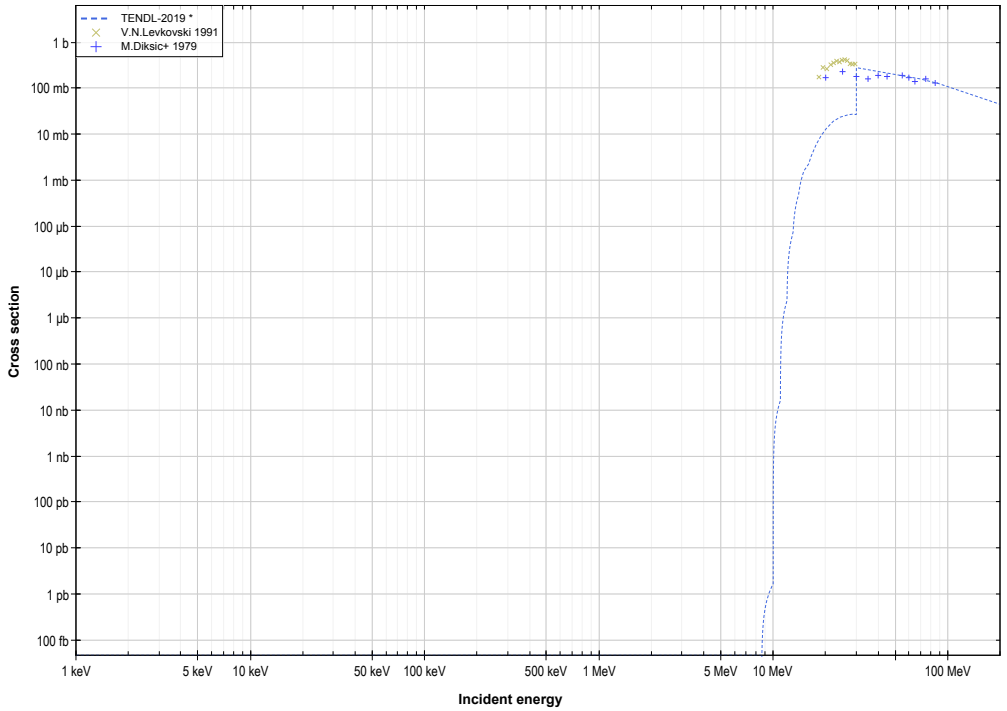
Br79 (p,2n+p) or Br77 production lin-log



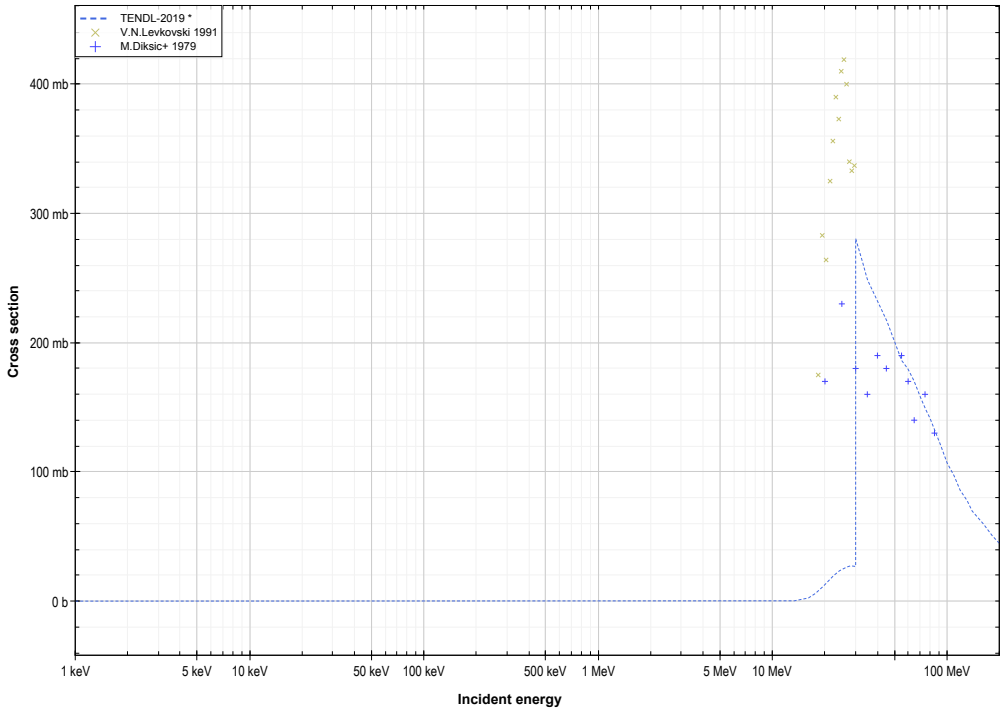
Reaction	Q-Value
Br79(p,t)Br77	-10494.04 keV
Br79(p,n+d)Br77	-16751.27 keV
Br79(p,2n+p)Br77	-18975.83 keV

<< 34-Se-76	**35-Br-79**	35-Br-81 >>
<< MT41 (p,2n+p)	**MT104 (p,d) or MT5 (Br78 production)**	MT105 (p,t) >>

Br79 (p,d) or Br78 production log-log



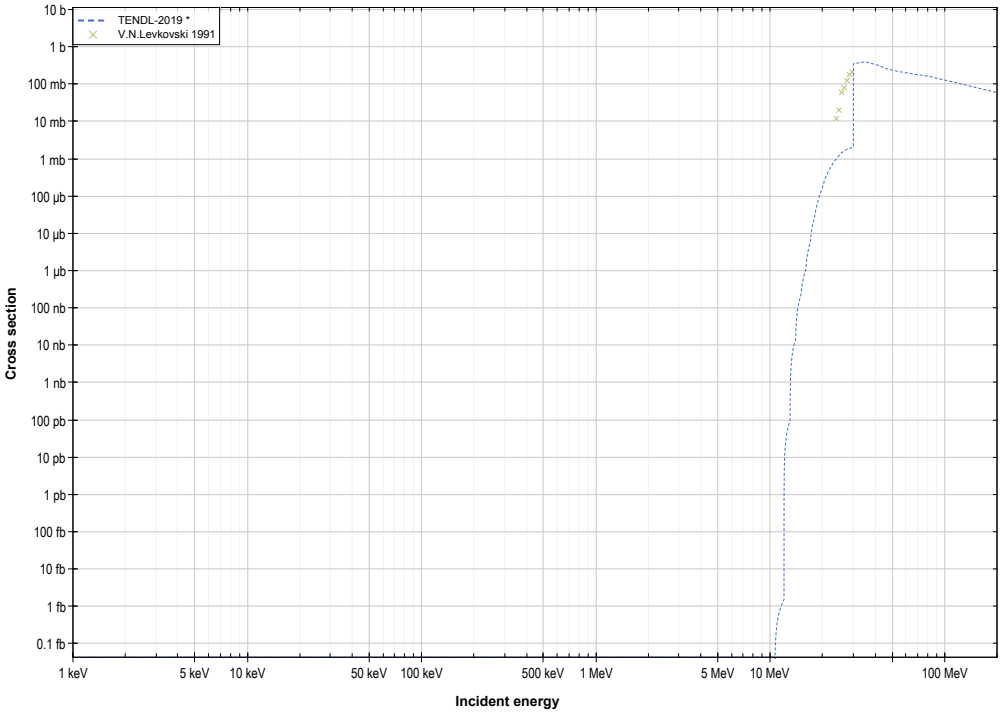
Br79 (p,d) or Br78 production lin-log



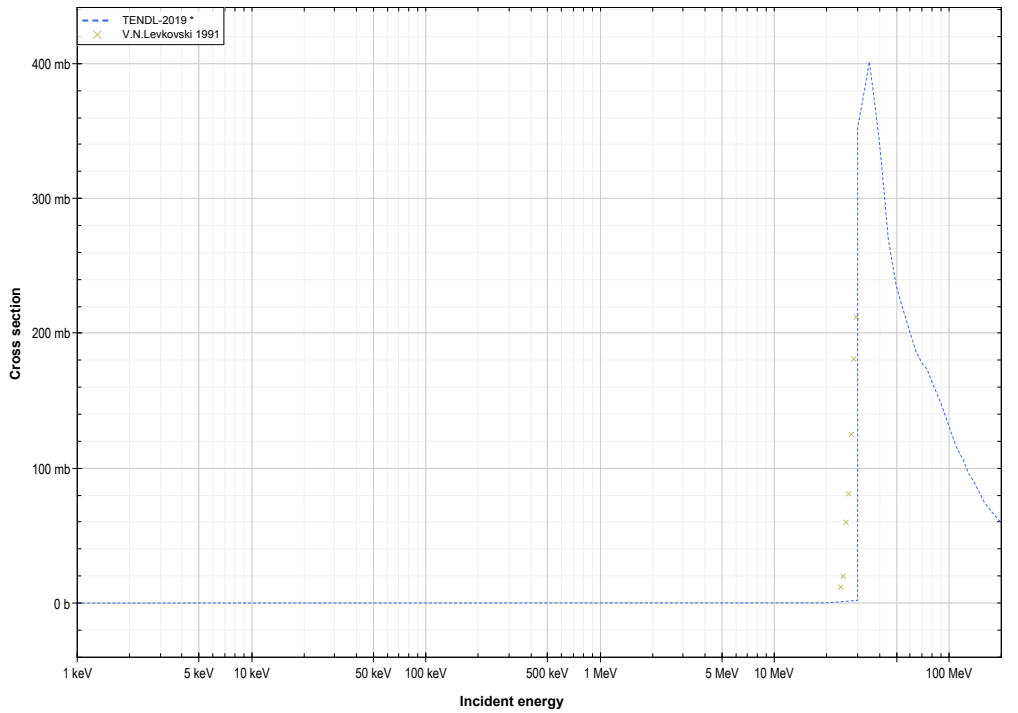
Reaction	Q-Value
Br79(p,d)Br78	-8462.75 keV
Br79(p,n+p)Br78	-10687.32 keV

<< 34-Se-74	**35-Br-79**	37-Rb-85 >>
<< MT104 (p,d)	**MT105 (p,t) or MT5 (Br77 production)**	MT176 (p,2n+^{3}He) >>

Br79 (p,t) or Br77 production log-log



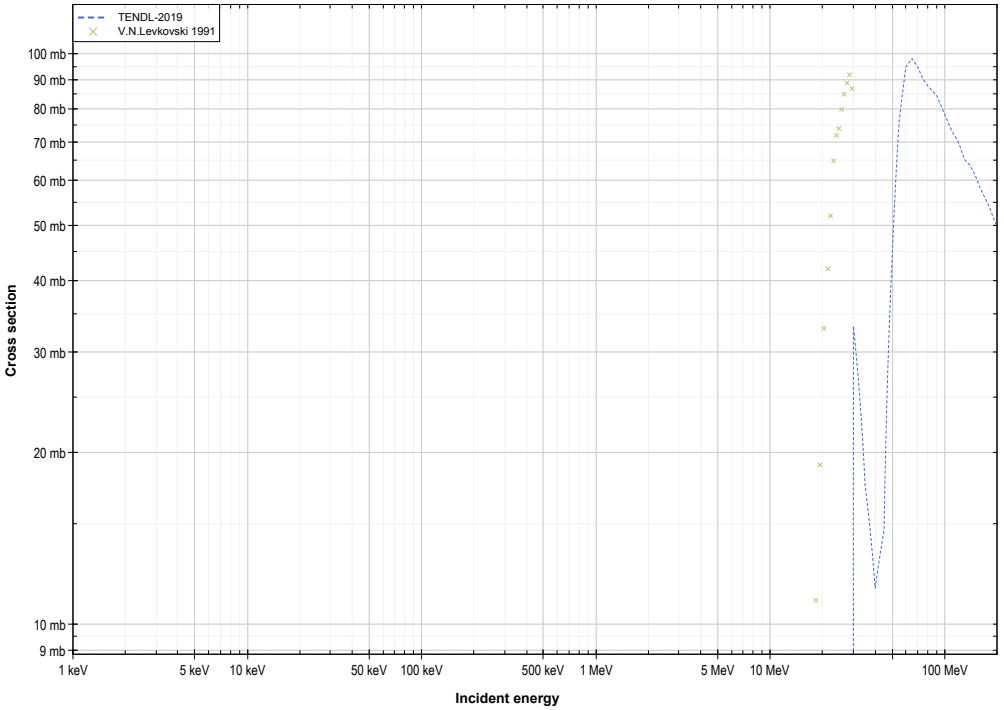
Br79 (p,t) or Br77 production lin-log



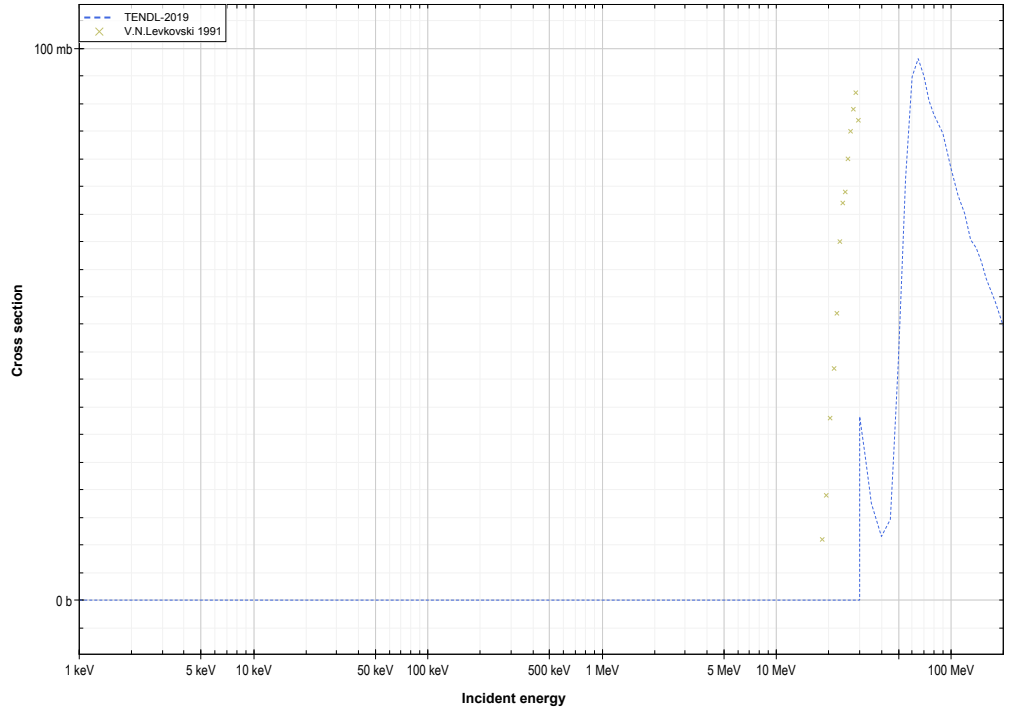
Reaction	Q-Value
Br79(p,t)Br77	-10494.04 keV
Br79(p,n+d)Br77	-16751.27 keV
Br79(p,2n+p)Br77	-18975.83 keV

<< 34-Se-82	**35-Br-79**	38-Sr-87 >>
<< MT105 (p,t)	**MT176 (p,2n+³He) or MT5 (Se75 production)**	MT179 (p,3n+2p) >>

Br79 (p,2n+³He) or Se75 production log-log



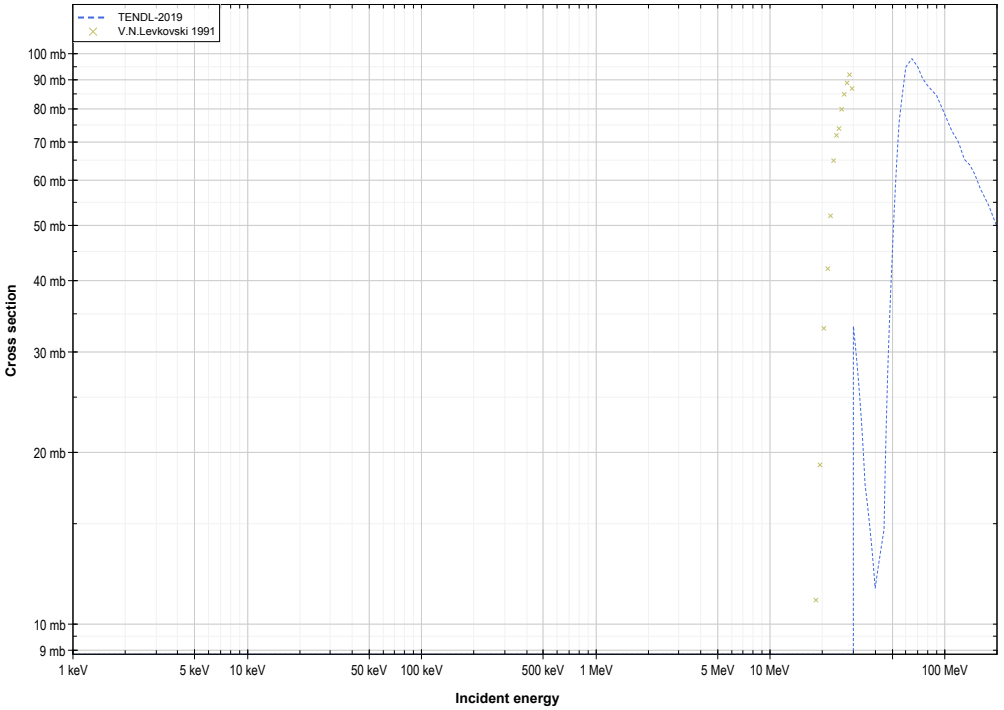
Br79 (p,2n+³He) or Se75 production lin-log



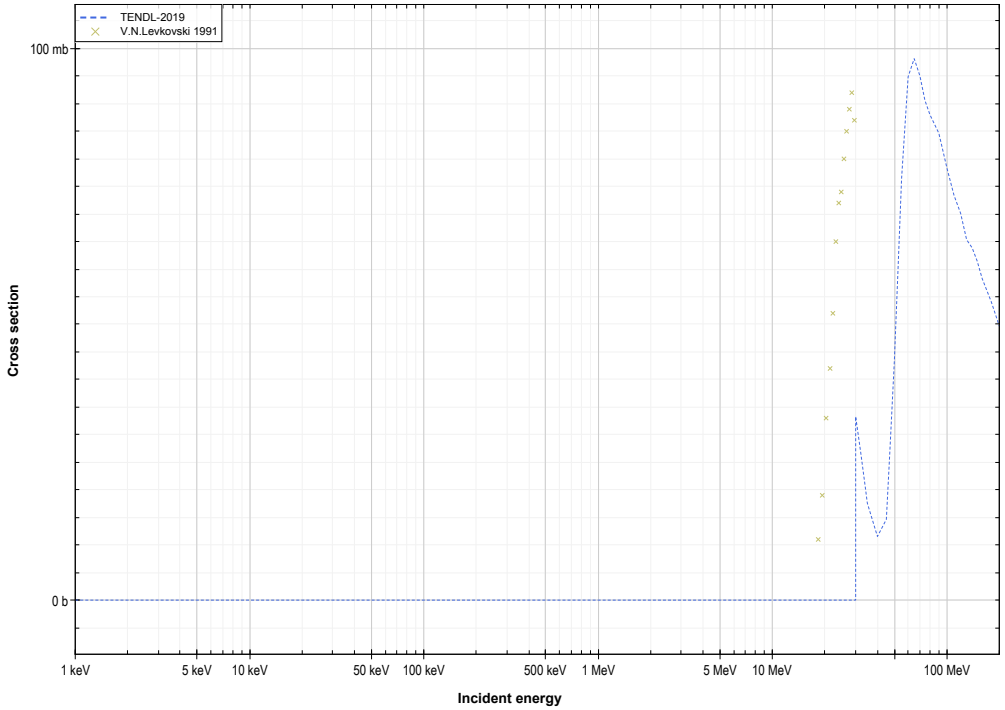
Reaction	Q-Value
Br79(p,n+α)Se75	-7105.78 keV
Br79(p,d+t)Se75	-24695.08 keV
Br79(p,n+p+t)Se75	-26919.65 keV
Br79(p,2n+He3)Se75	-27683.40 keV
Br79(p,n+2d)Se75	-30952.31 keV
Br79(p,2n+p+d)Se75	-33176.88 keV
Br79(p,3n+2p)Se75	-35401.44 keV

<< 34-Se-82	**35-Br-79**	38-Sr-87 >>
<< MT176 (p,2n+^{3}He)	**MT179 (p,3n+2p) or MT5 (Se75 production)**	MT182 (p,d+t) >>

Br79 (p,3n+2p) or Se75 production log-log



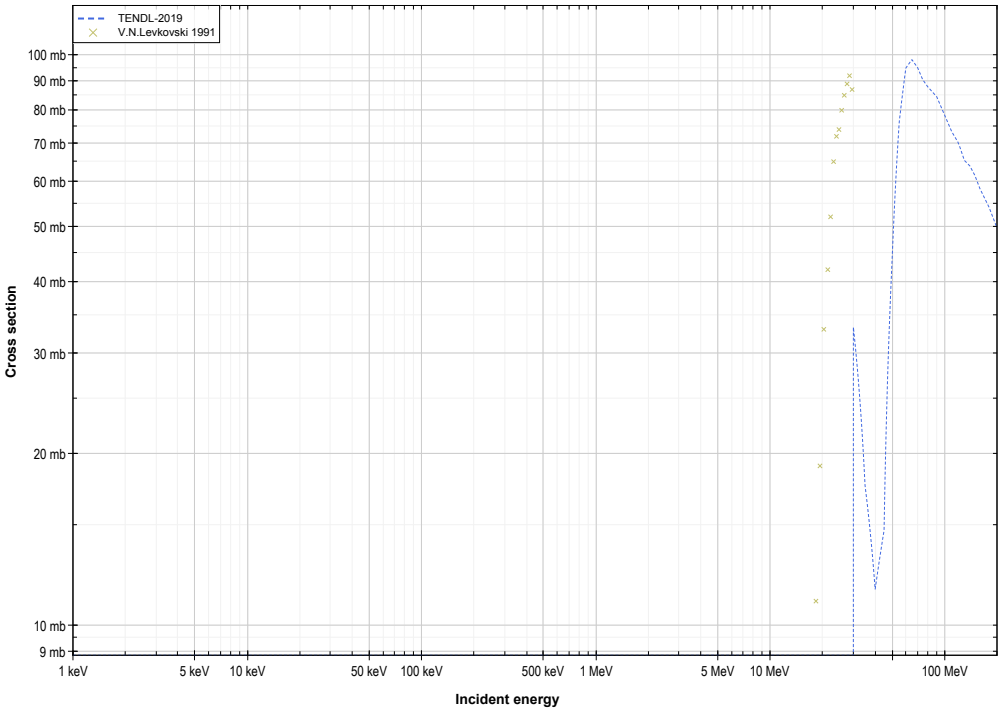
Br79 (p,3n+2p) or Se75 production lin-log



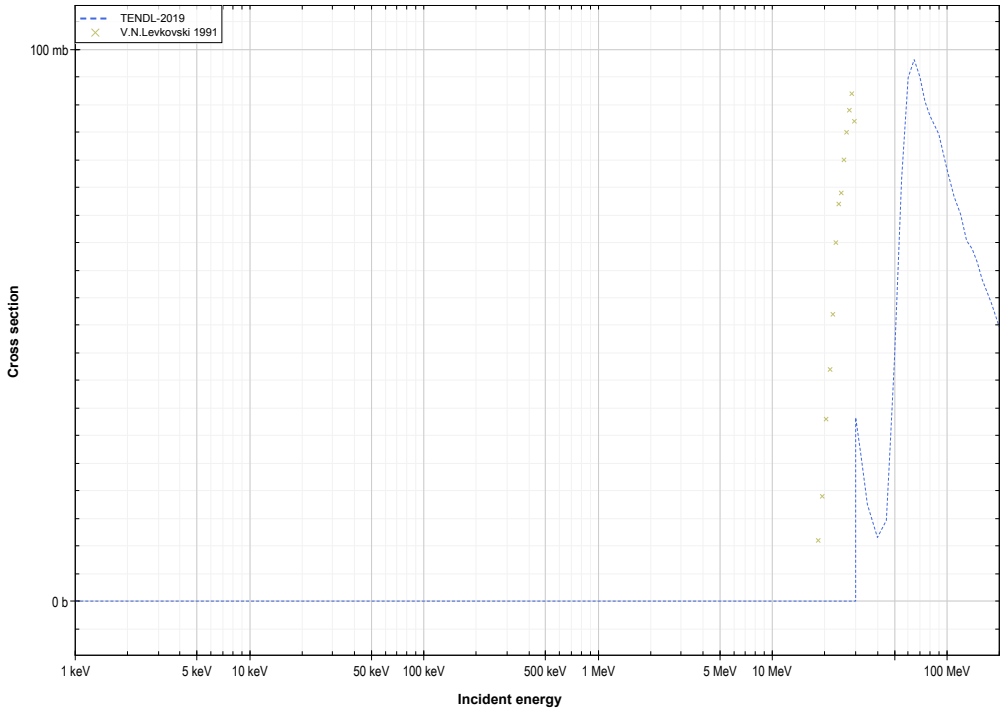
Reaction	Q-Value
Br79(p,n+α)Se75	-7105.78 keV
Br79(p,d+t)Se75	-24695.08 keV
Br79(p,n+p+t)Se75	-26919.65 keV
Br79(p,2n+He3)Se75	-27683.40 keV
Br79(p,n+2d)Se75	-30952.31 keV
Br79(p,2n+p+d)Se75	-33176.88 keV
Br79(p,3n+2p)Se75	-35401.44 keV

<< 34-Se-82	**35-Br-79**	38-Sr-87 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Se75 production)**	MT184 (p,n+p+t) >>

Br79 (p,d+t) or Se75 production log-log



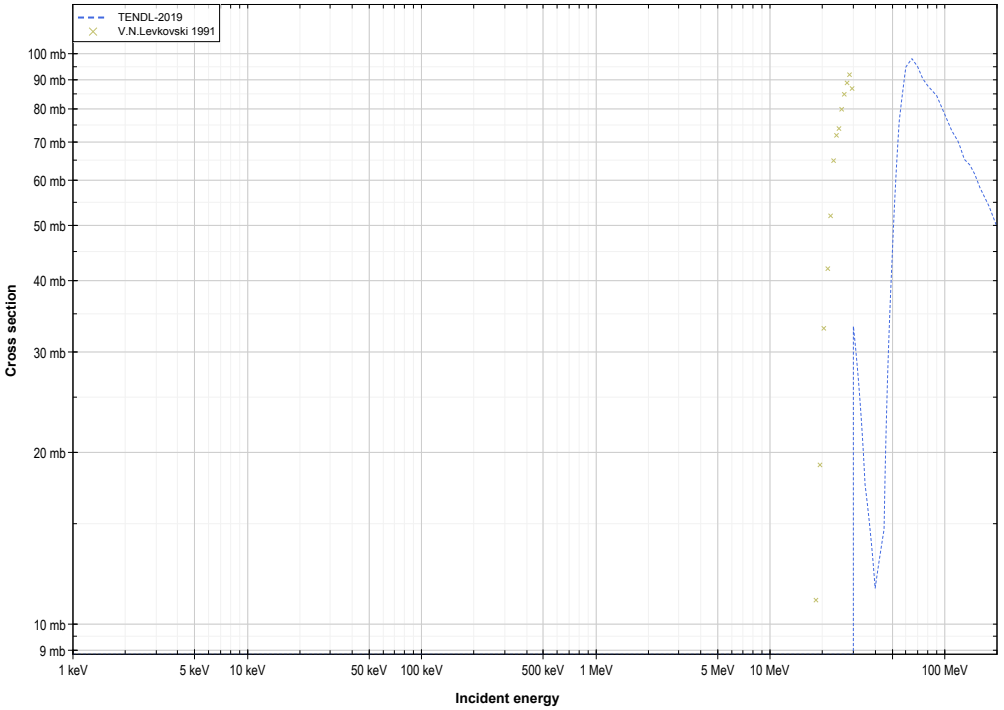
Br79 (p,d+t) or Se75 production lin-log



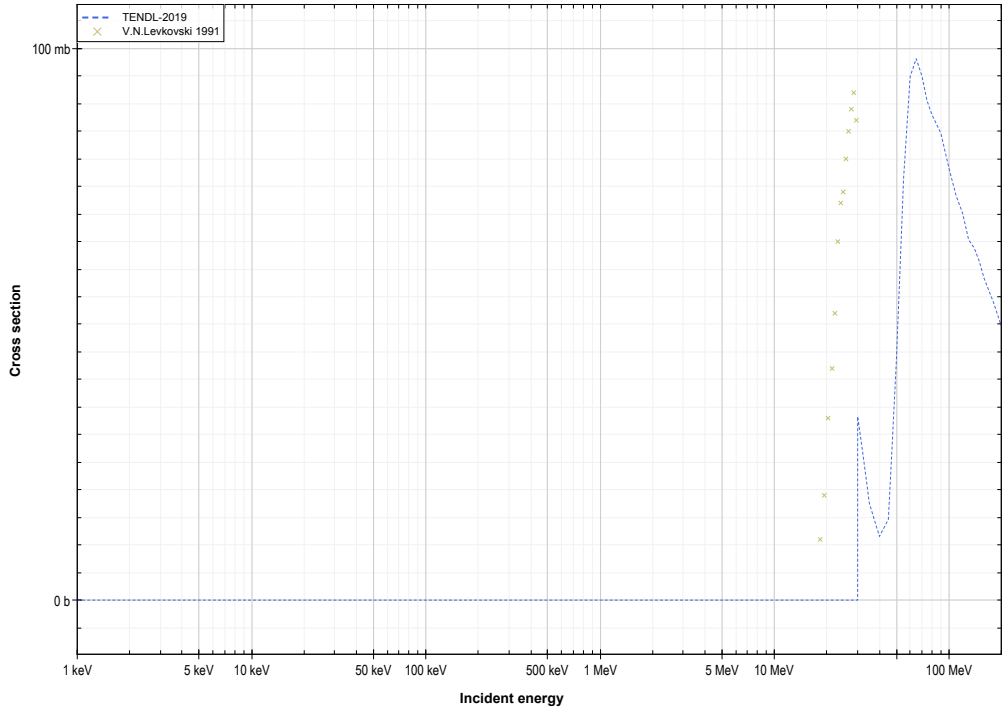
Reaction	Q-Value
Br79(p,n+α)Se75	-7105.78 keV
Br79(p,d+t)Se75	-24695.08 keV
Br79(p,n+p+t)Se75	-26919.65 keV
Br79(p,2n+He3)Se75	-27683.40 keV
Br79(p,n+2d)Se75	-30952.31 keV
Br79(p,2n+p+d)Se75	-33176.88 keV
Br79(p,3n+2p)Se75	-35401.44 keV

<< 34-Se-82	**35-Br-79**	38-Sr-87 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Se75 production)**	35-Br-81 MT4 (p,n) >>

Br79 (p,n+p+t) or Se75 production log-log



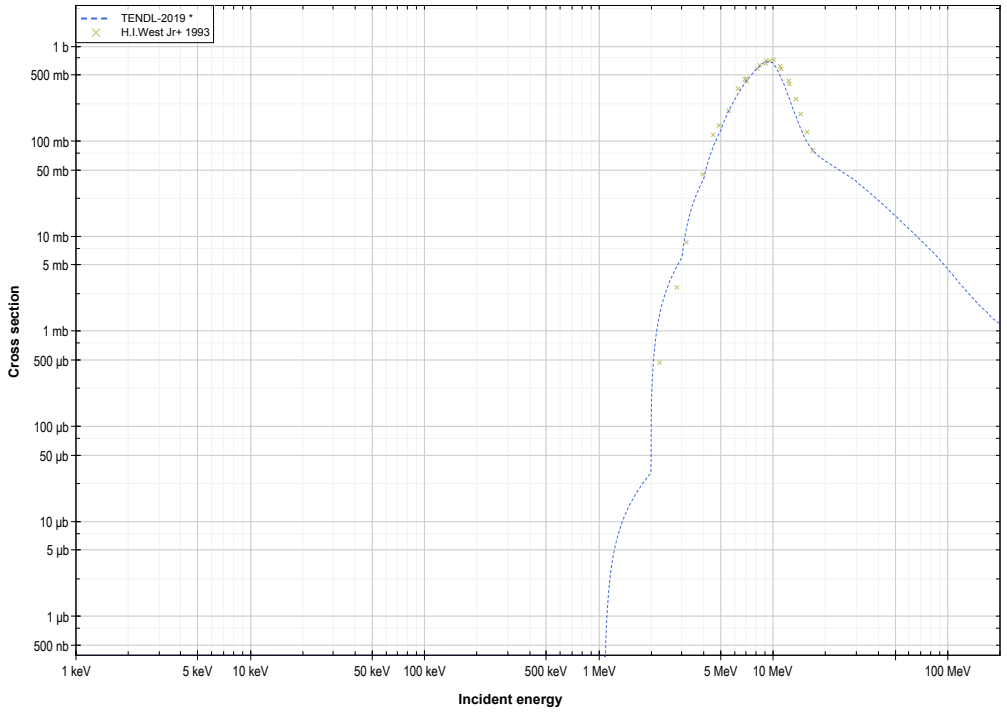
Br79 (p,n+p+t) or Se75 production lin-log



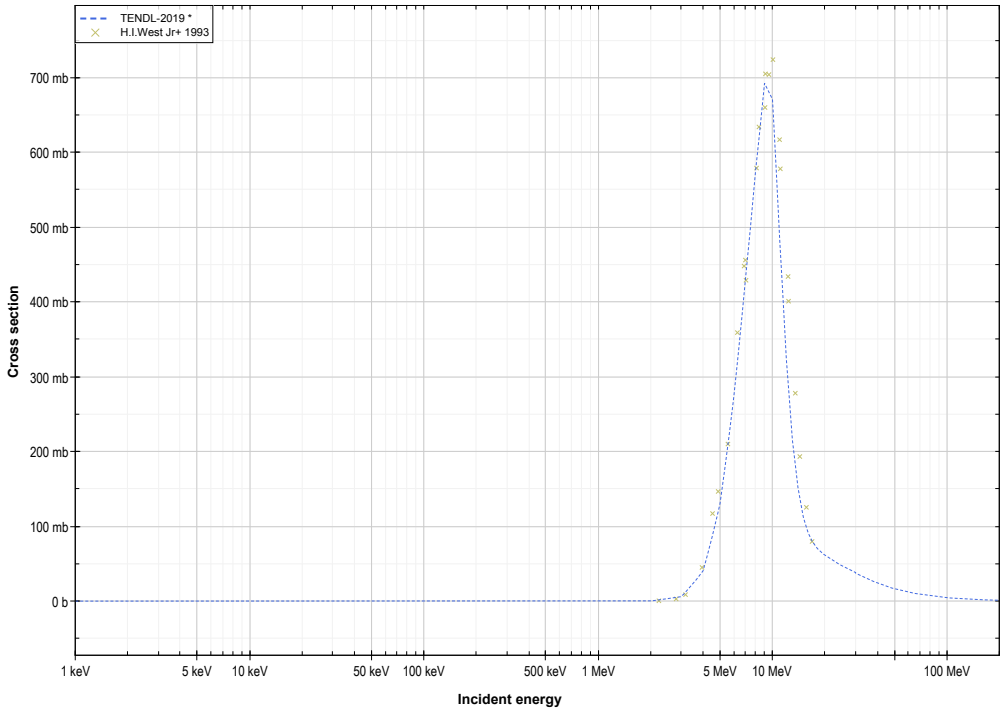
Reaction	Q-Value
Br79(p,n+α)Se75	-7105.78 keV
Br79(p,d+t)Se75	-24695.08 keV
Br79(p,n+p+t)Se75	-26919.65 keV
Br79(p,2n+He3)Se75	-27683.40 keV
Br79(p,n+2d)Se75	-30952.31 keV
Br79(p,2n+p+d)Se75	-33176.88 keV
Br79(p,3n+2p)Se75	-35401.44 keV

<< 35-Br-79	**35-Br-81**	36-Kr-82 >>
<< 35-Br-79 MT184 (p,n+p+t)	**MT4 (p,n) or MT5 (Kr81 production)**	MT11 (p,2n+d) >>

Br81 (p,n) or Kr81 production log-log



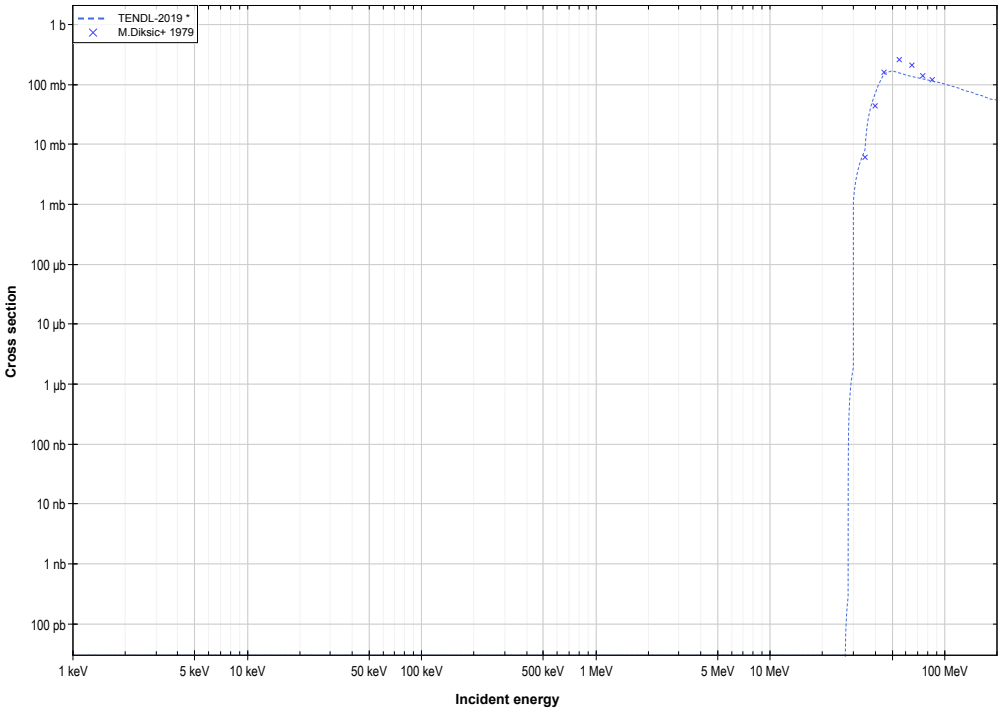
Br81 (p,n) or Kr81 production lin-log



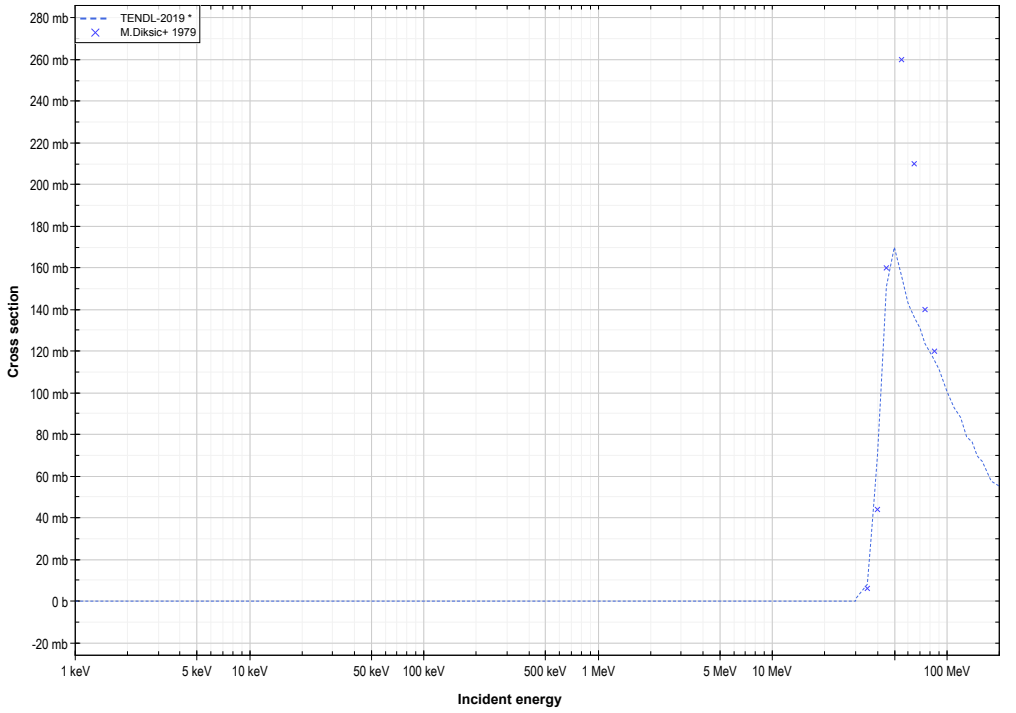
Reaction	Q-Value
Br81(p,n)Kr81	-1063.15 keV

<< 33-As-75	**35-Br-81**	39-Y-89 >>
<< MT4 (p,n)	**MT11 (p,2n+d) or MT5 (Br78 production)**	MT17 (p,3n) >>

Br81 (p,2n+d) or Br78 production log-log



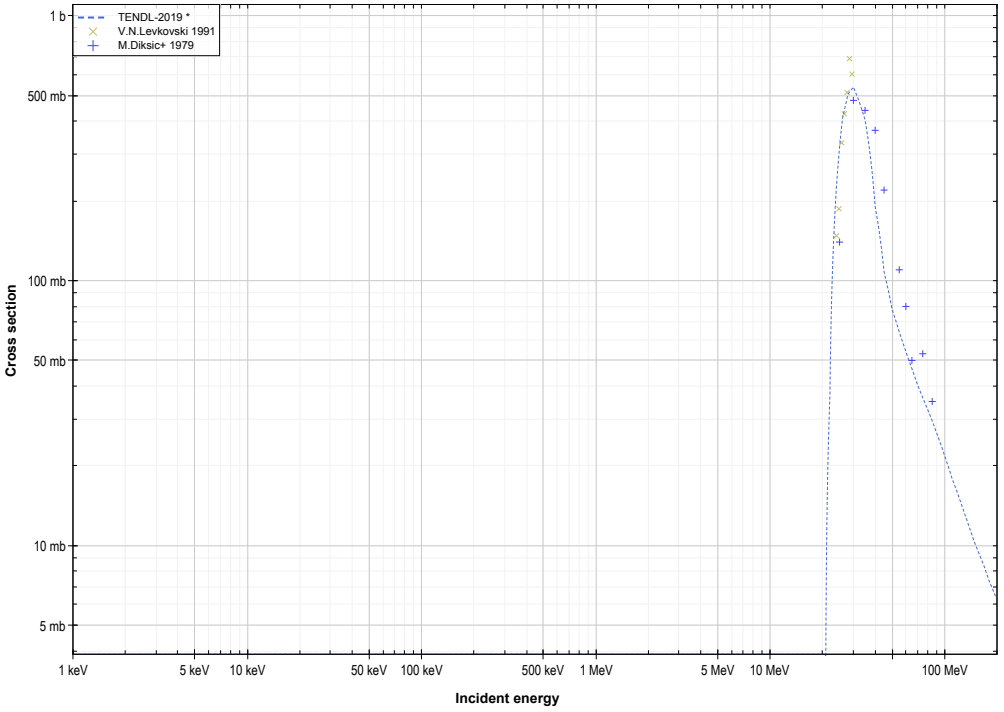
Br81 (p,2n+d) or Br78 production lin-log



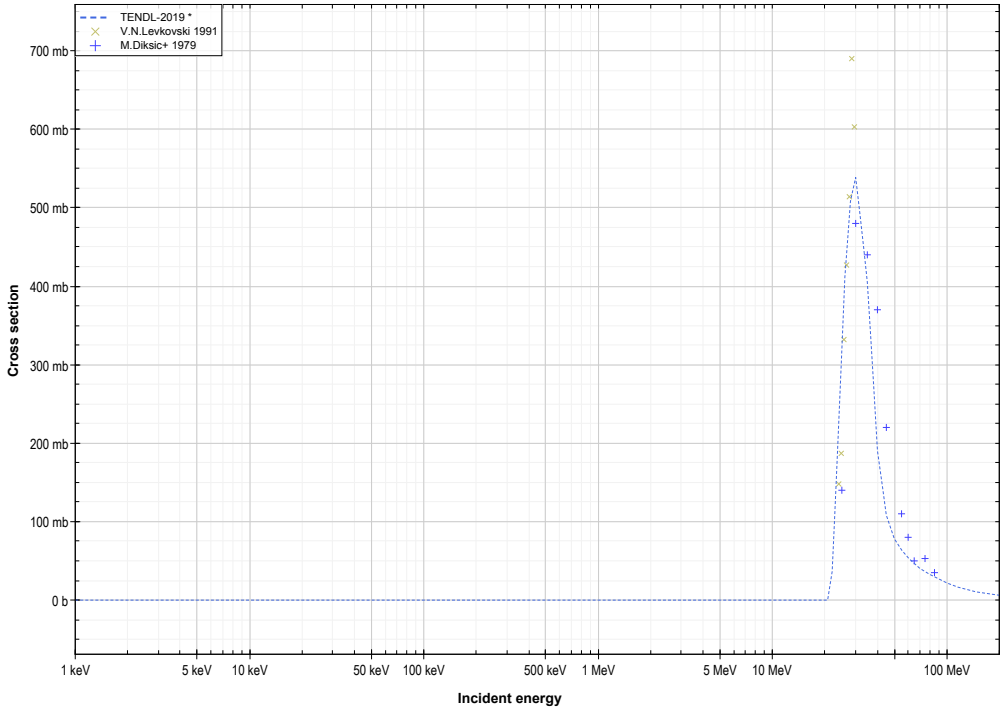
Reaction	Q-Value
Br81(p,n+t)Br78	-20257.16 keV
Br81(p,2n+d)Br78	-26514.39 keV
Br81(p,3n+p)Br78	-28738.95 keV

<< 35-Br-79	**35-Br-81**	36-Kr-83 >>
<< MT11 (p,2n+d)	**MT17 (p,3n) or MT5 (Kr79 production)**	MT28 (p,n+p) >>

Br81 (p,3n) or Kr79 production log-log



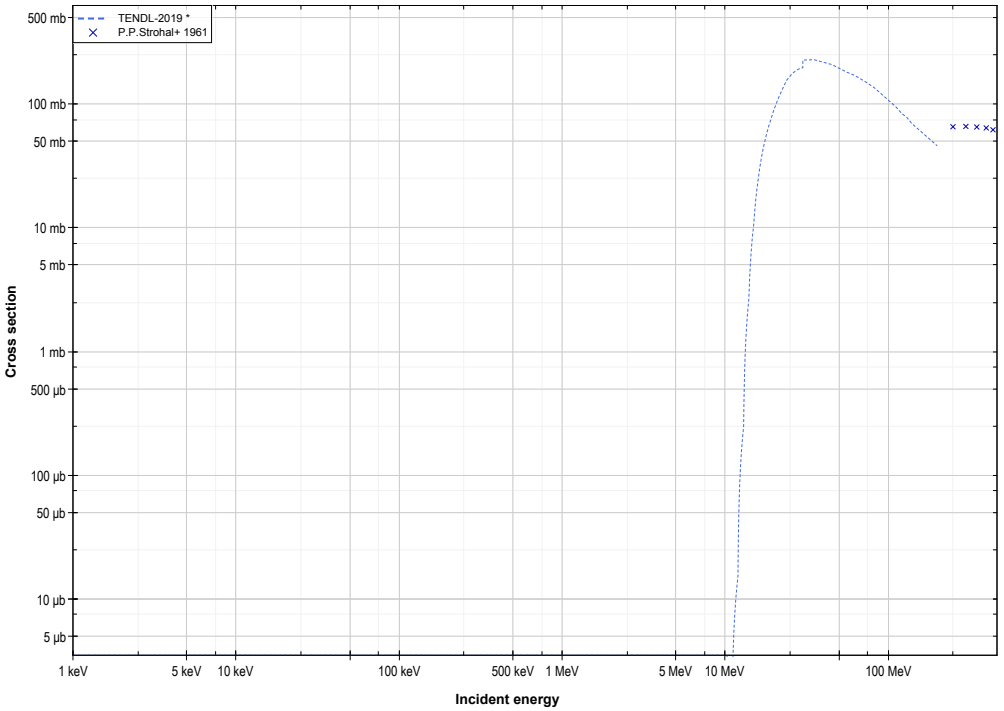
Br81 (p,3n) or Kr79 production lin-log



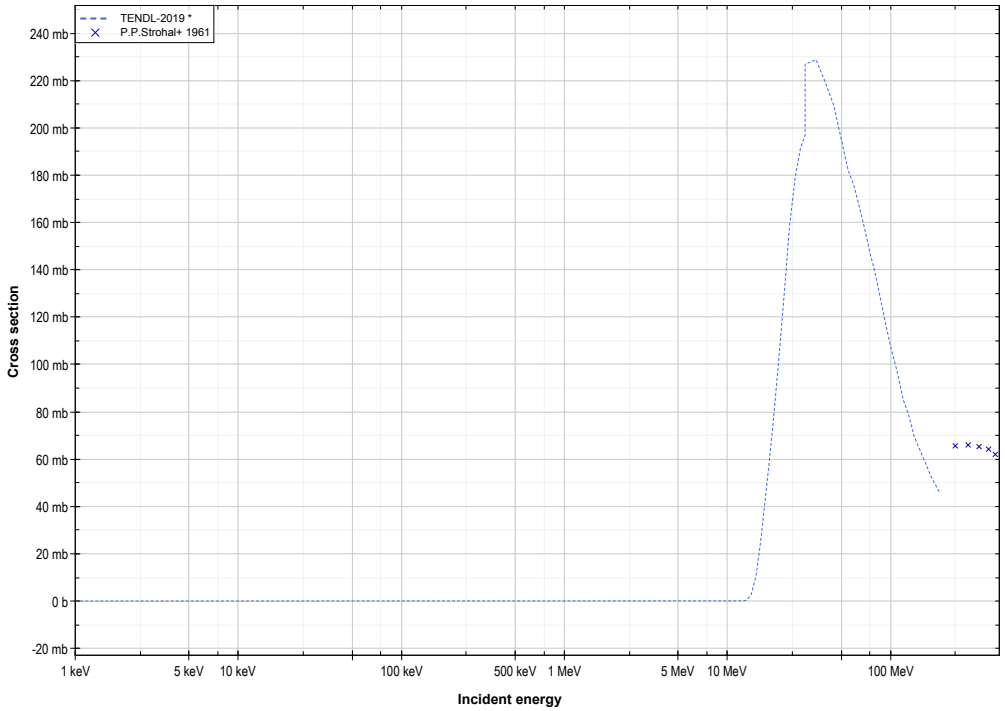
Reaction	Q-Value
Br81(p,3n)Kr79	-20459.98 keV

<< 35-Br-79	**35-Br-81**	36-Kr-78 >>
<< MT17 (p,3n)	**MT28 (p,n+p) or MT5 (Br80 production)**	MT33 (p,n+t) >>

Br81 (p,n+p) or Br80 production log-log



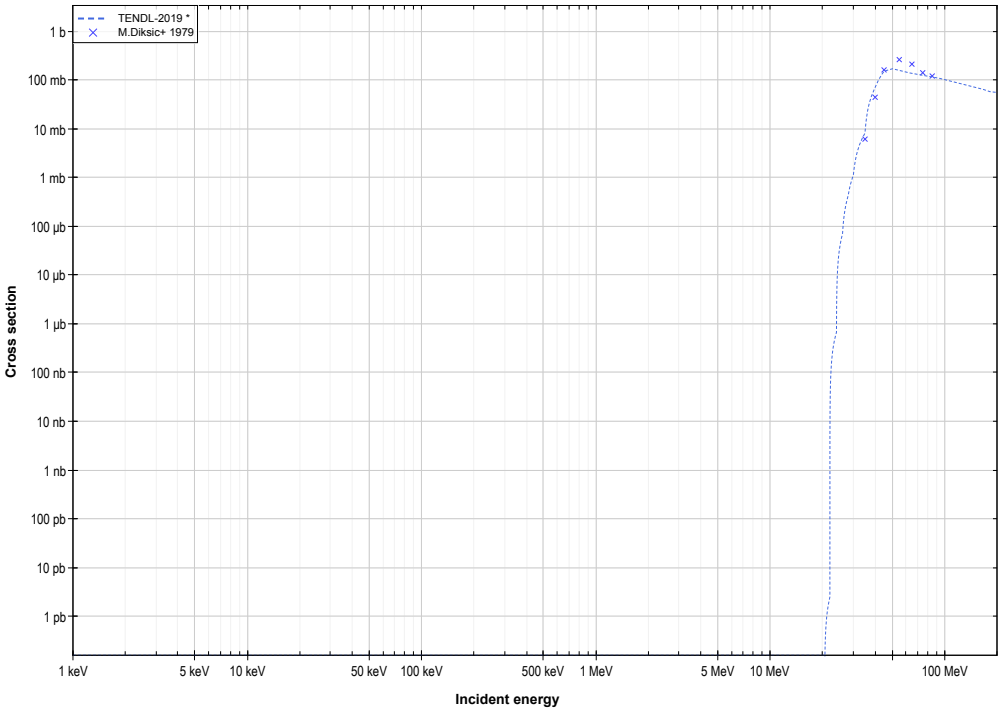
Br81 (p,n+p) or Br80 production lin-log



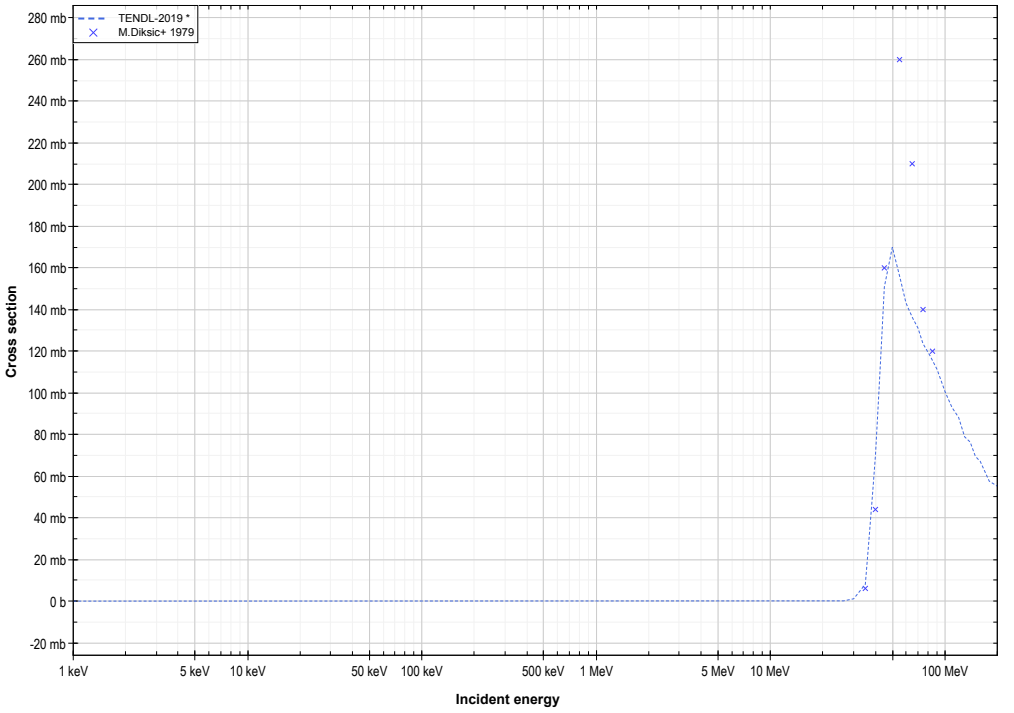
Reaction	Q-Value
Br81(p,d)Br80	-7934.75 keV
Br81(p,n+p)Br80	-10159.32 keV

<< 33-As-75	**35-Br-81**	39-Y-89 >>
<< MT28 (p,n+p)	**MT33 (p,n+t) or MT5 (Br78 production)**	MT42 (p,3n+p) >>

Br81 (p,n+t) or Br78 production log-log



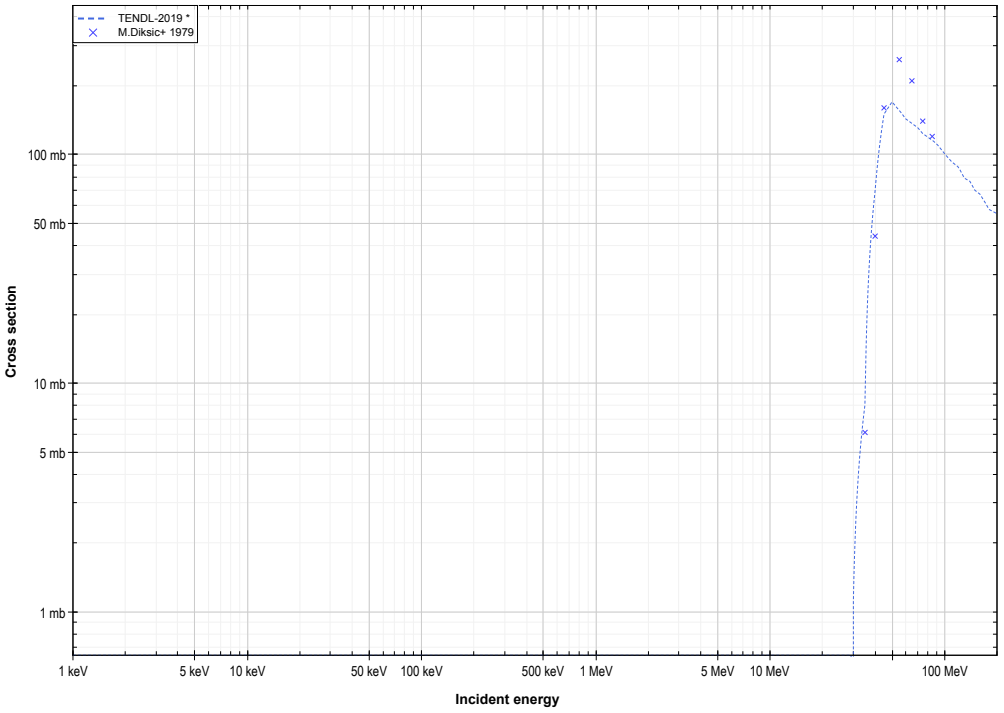
Br81 (p,n+t) or Br78 production lin-log



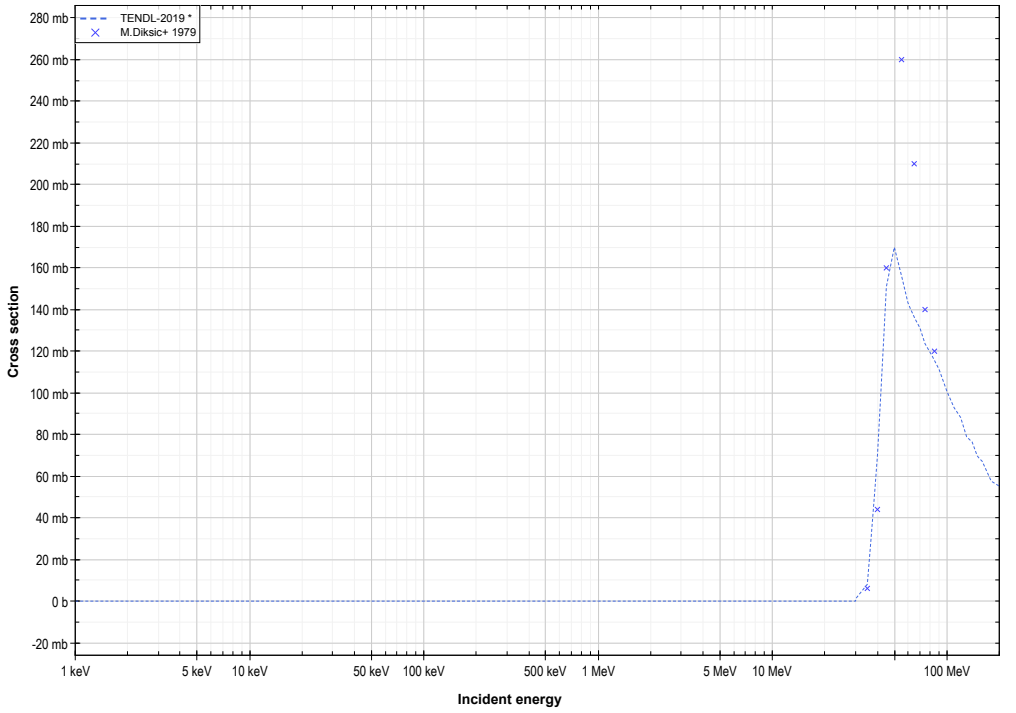
Reaction	Q-Value
Br81(p,n+t)Br78	-20257.16 keV
Br81(p,2n+d)Br78	-26514.39 keV
Br81(p,3n+p)Br78	-28738.95 keV

<< 33-As-75	**35-Br-81**	39-Y-89 >>
<< MT33 (p,n+t)	**MT42 (p,3n+p) or MT5 (Br78 production)**	MT104 (p,d) >>

Br81 (p,3n+p) or Br78 production log-log



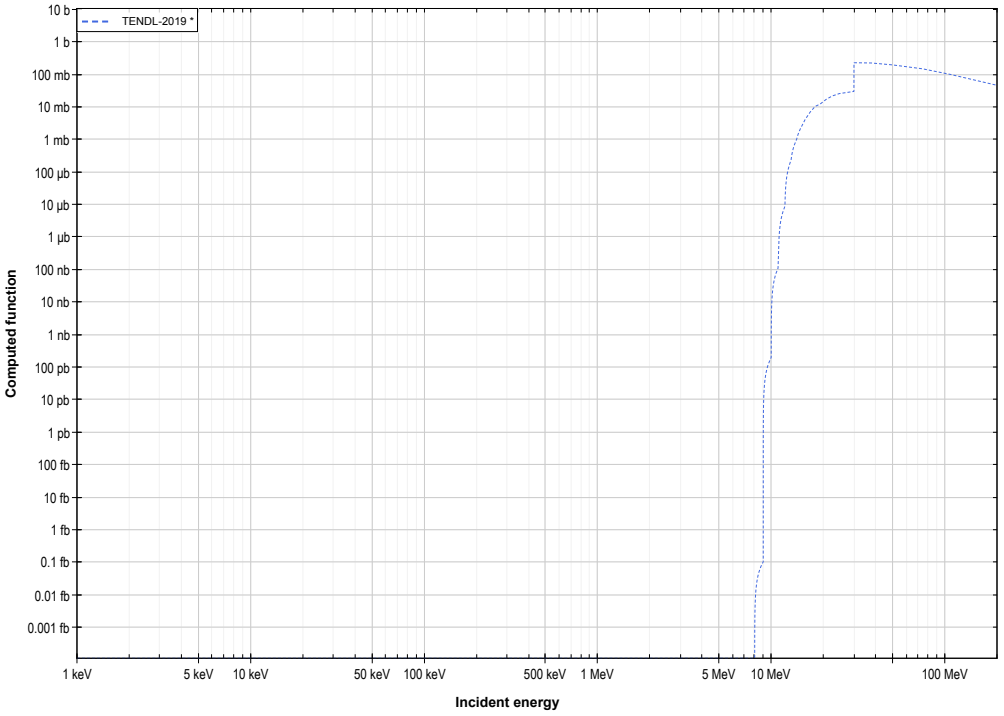
Br81 (p,3n+p) or Br78 production lin-log



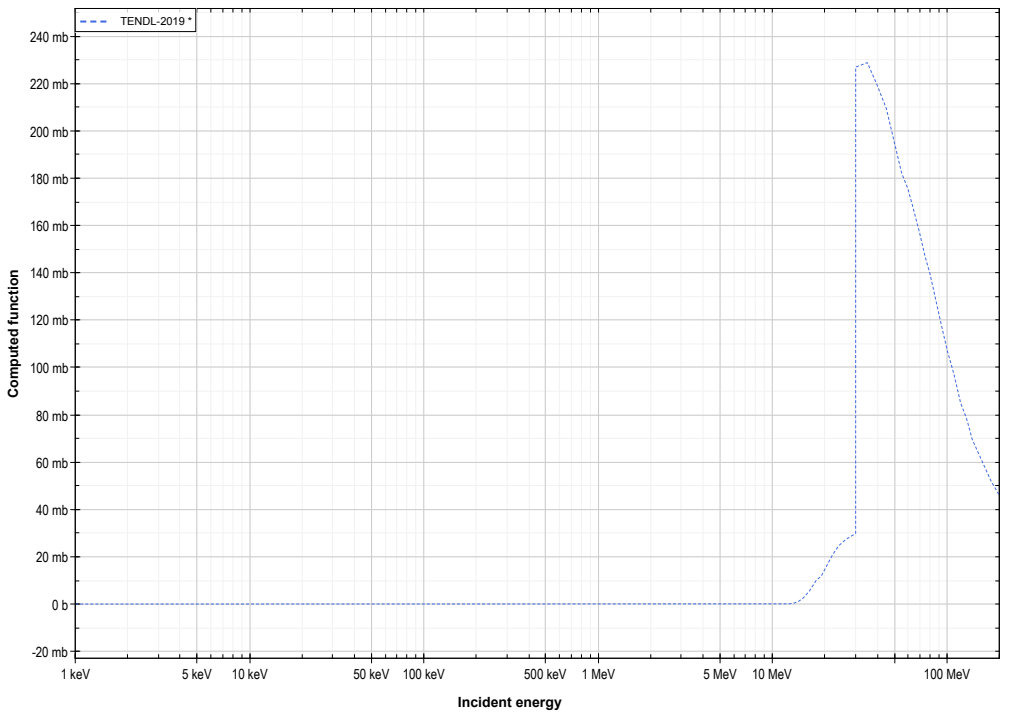
Reaction	Q-Value
Br81(p,n+t)Br78	-20257.16 keV
Br81(p,2n+d)Br78	-26514.39 keV
Br81(p,3n+p)Br78	-28738.95 keV

<< 35-Br-79	**35-Br-81**	37-Rb-85 >>
<< MT42 (p,3n+p)	**MT104 (p,d) or MT5 (Br80 production)**	MT152 (p,5n) >>

Br81 (p,d) or Br80 production log-log



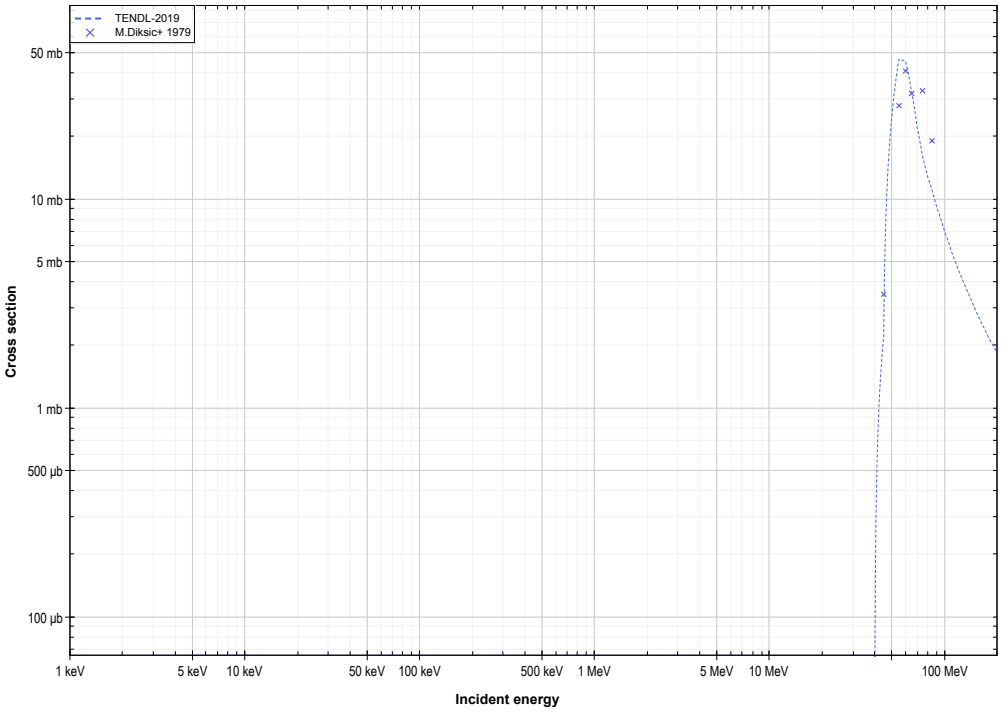
Br81 (p,d) or Br80 production lin-log



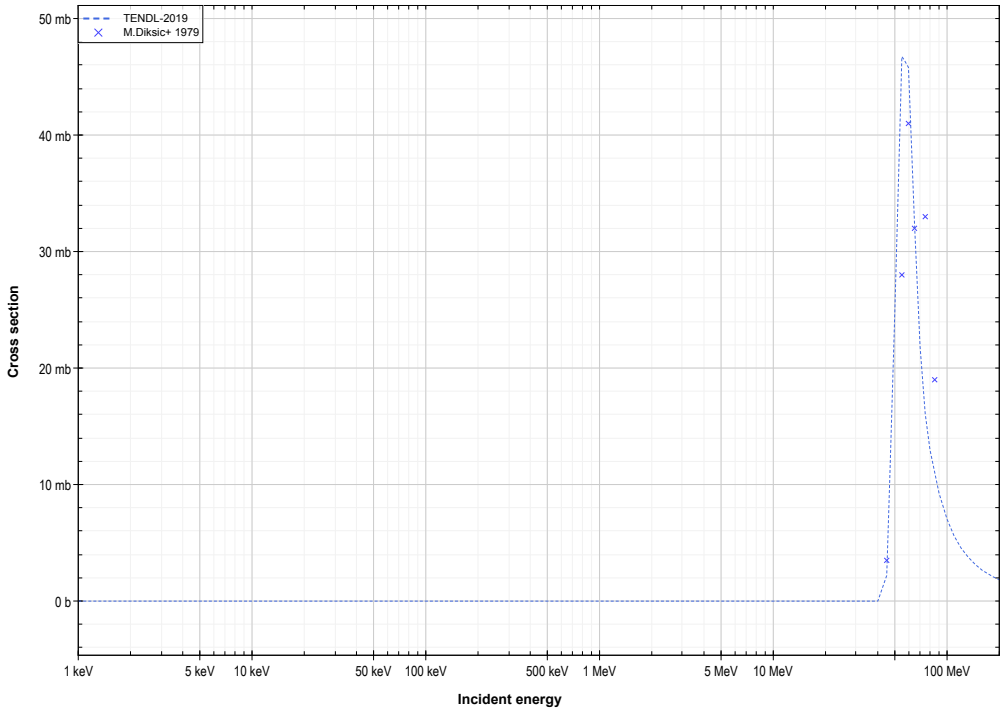
Reaction	Q-Value
Br81(p,d)Br80	-7934.75 keV
Br81(p,n+p)Br80	-10159.32 keV

<< 34-Se-80	**35-Br-81**	37-Rb-85 >>
<< MT104 (p,d)	**MT152 (p,5n) or MT5 (Kr77 production)**	MT153 (p,6n) >>

Br81 (p,5n) or Kr77 production log-log



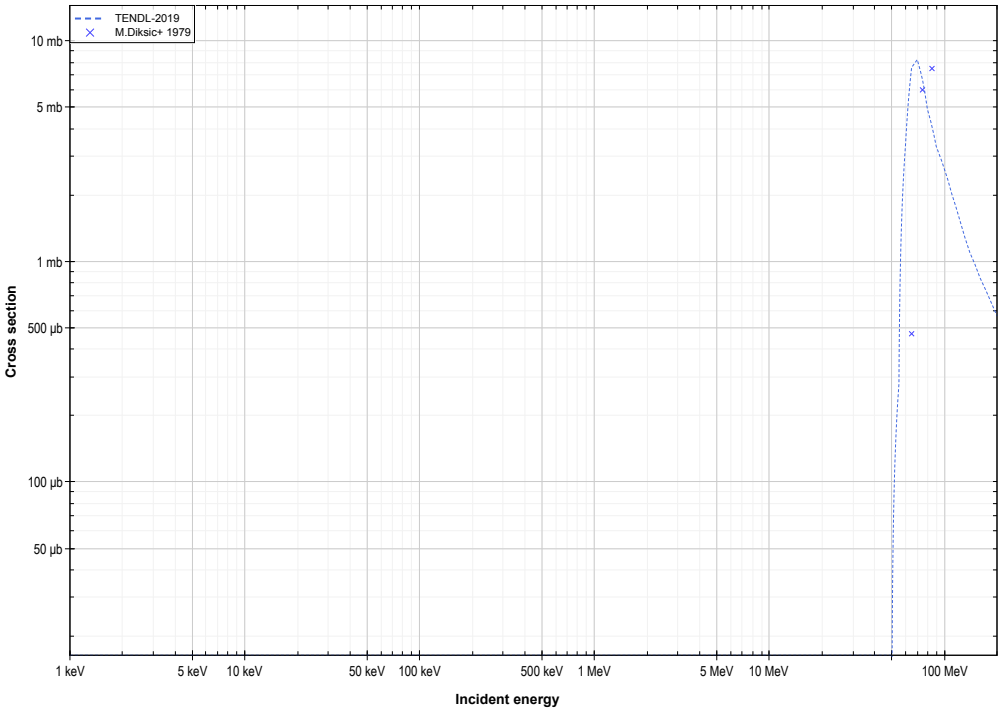
Br81 (p,5n) or Kr77 production lin-log



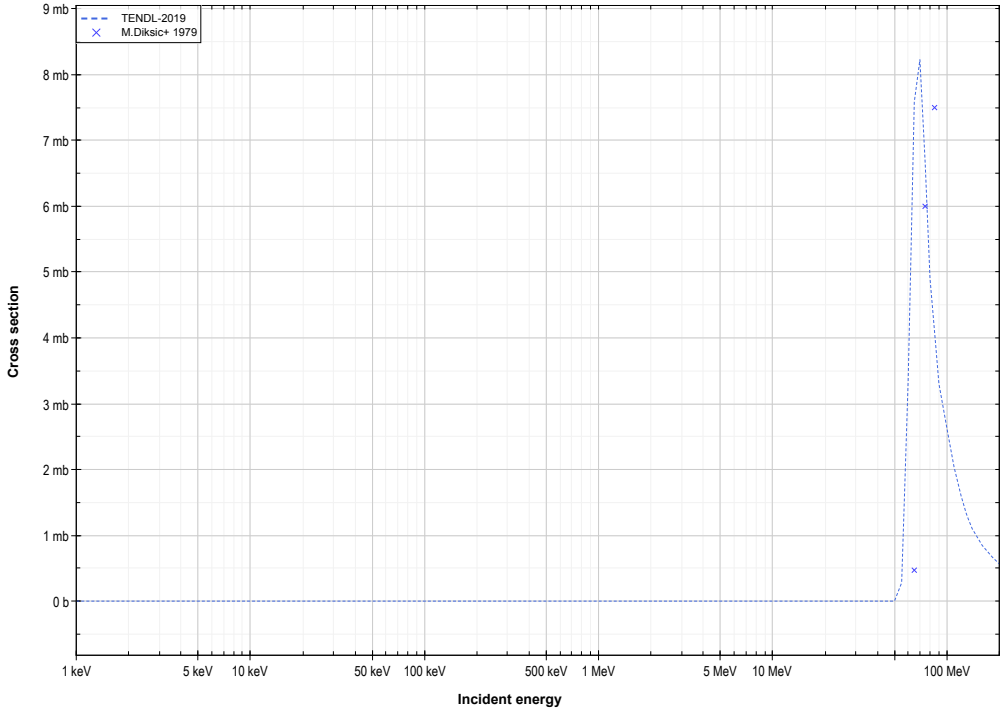
Reaction	Q-Value
Br81(p,5n)Kr77	-40875.21 keV

<< 31-Ga-71	**35-Br-81**	48-Cd-116 >>
<< MT152 (p,5n)	**MT153 (p,6n) or MT5 (Kr76 production)**	36-Kr-78 MT16 (p,2n) >>

Br81 (p,6n) or Kr76 production log-log



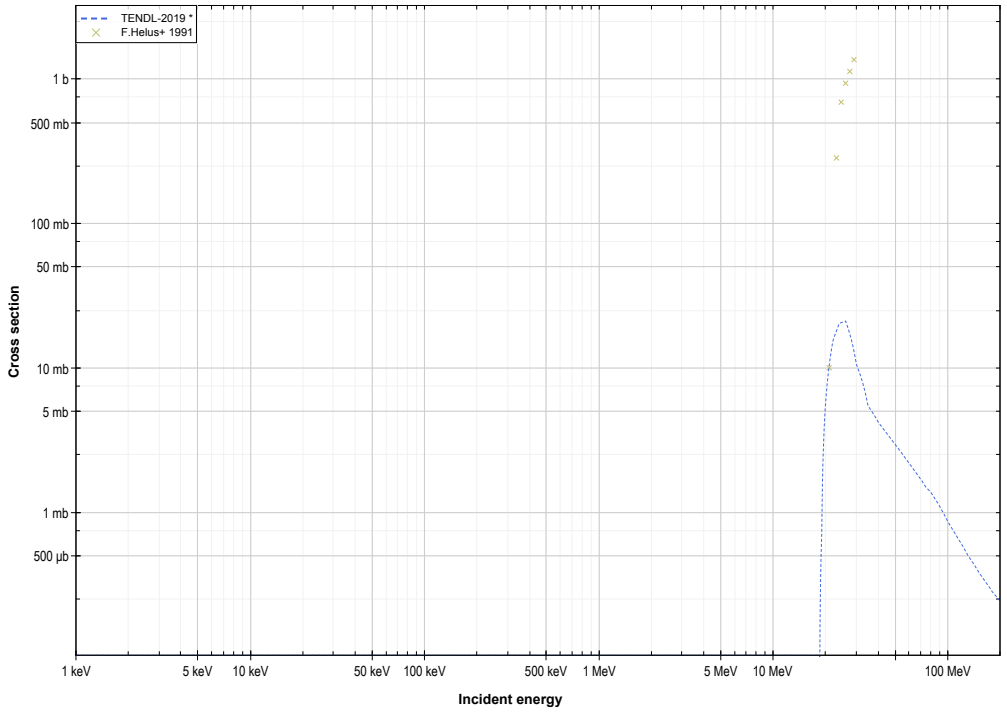
Br81 (p,6n) or Kr76 production lin-log



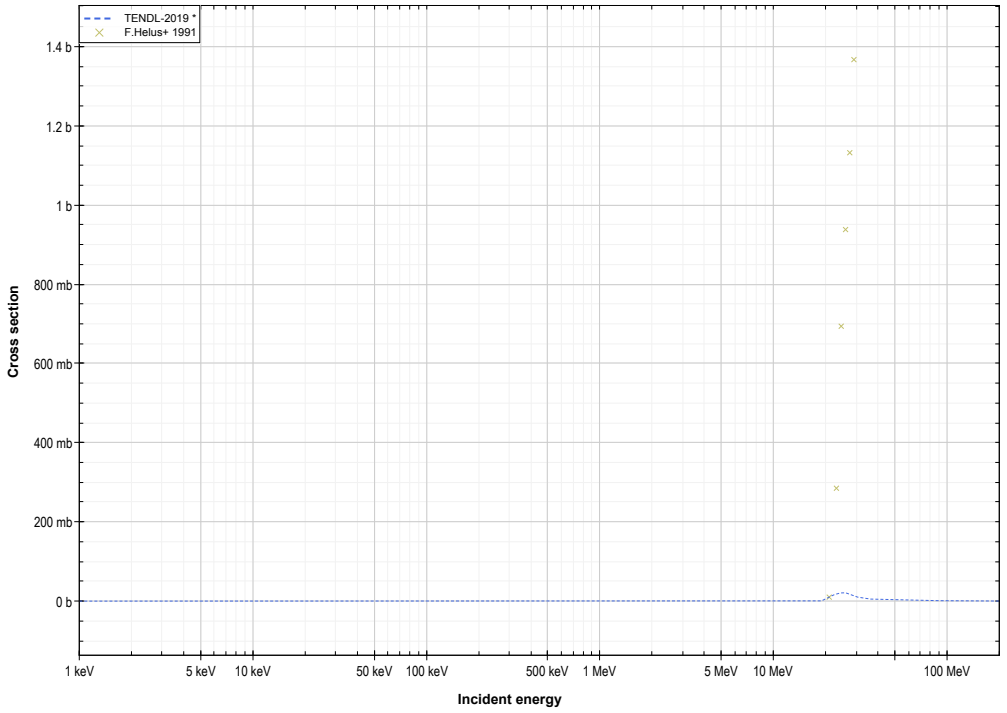
Reaction	Q-Value
Br81(p,6n)Kr76	-50101.93 keV

<< 34-Se-78	**36-Kr-78**	36-Kr-80 >>
<< 35-Br-81 MT153 (p,6n)	**MT16 (p,2n) or MT5 (Rb77 production)**	MT28 (p,n+p) >>

Kr78 (p,2n) or Rb77 production log-log



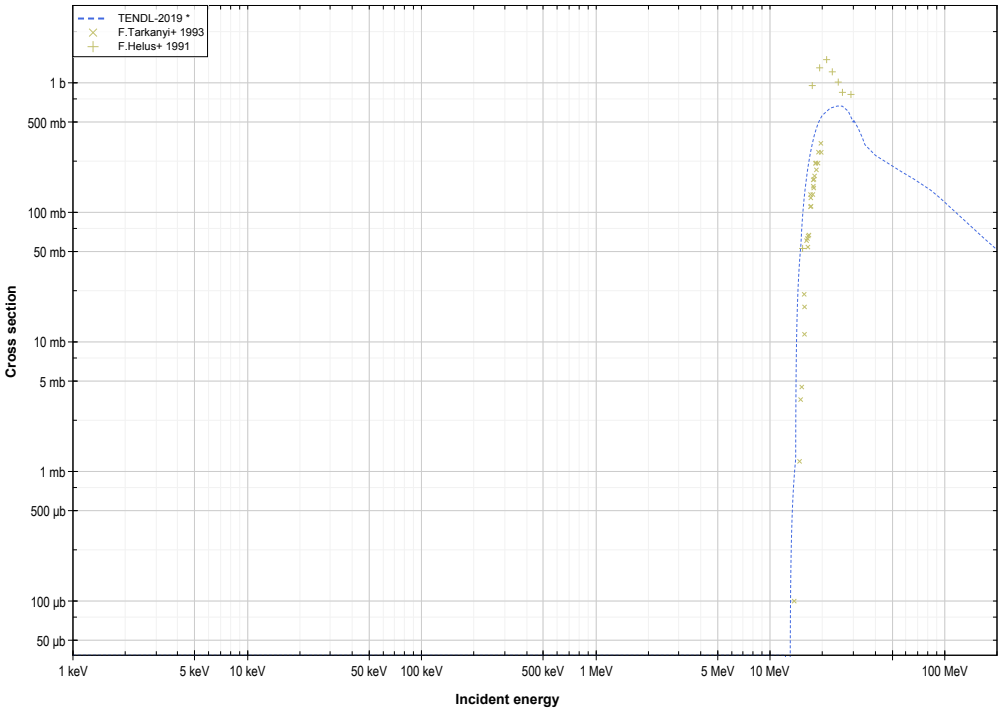
Kr78 (p,2n) or Rb77 production lin-log



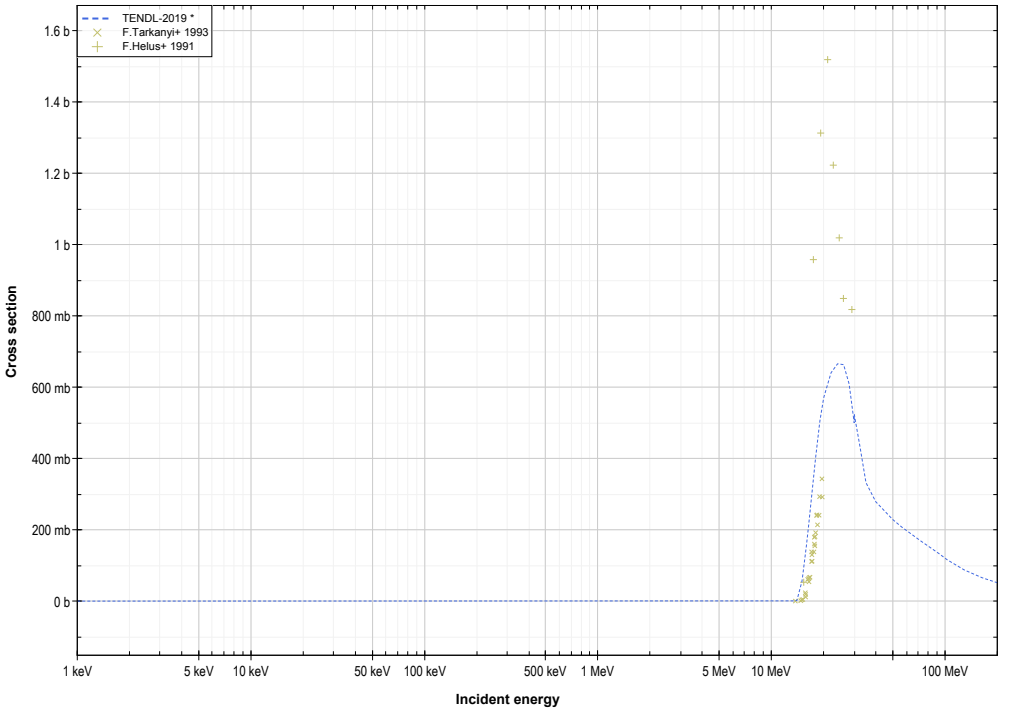
Reaction	Q-Value
Kr78(p,2n)Rb77	-18201.46 keV

<< 35-Br-81	**36-Kr-78**	37-Rb-85 >>
<< MT16 (p,2n)	**MT28 (p,n+p) or MT5 (Kr77 production)**	MT107 (p,α) >>

Kr78 (p,n+p) or Kr77 production log-log



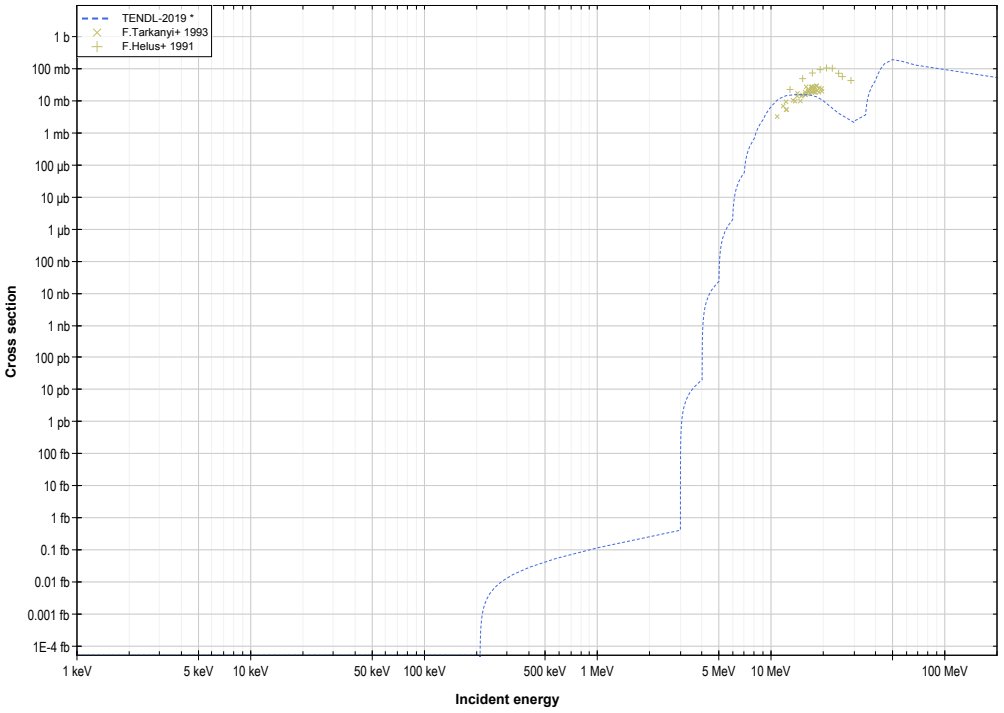
Kr78 (p,n+p) or Kr77 production lin-log



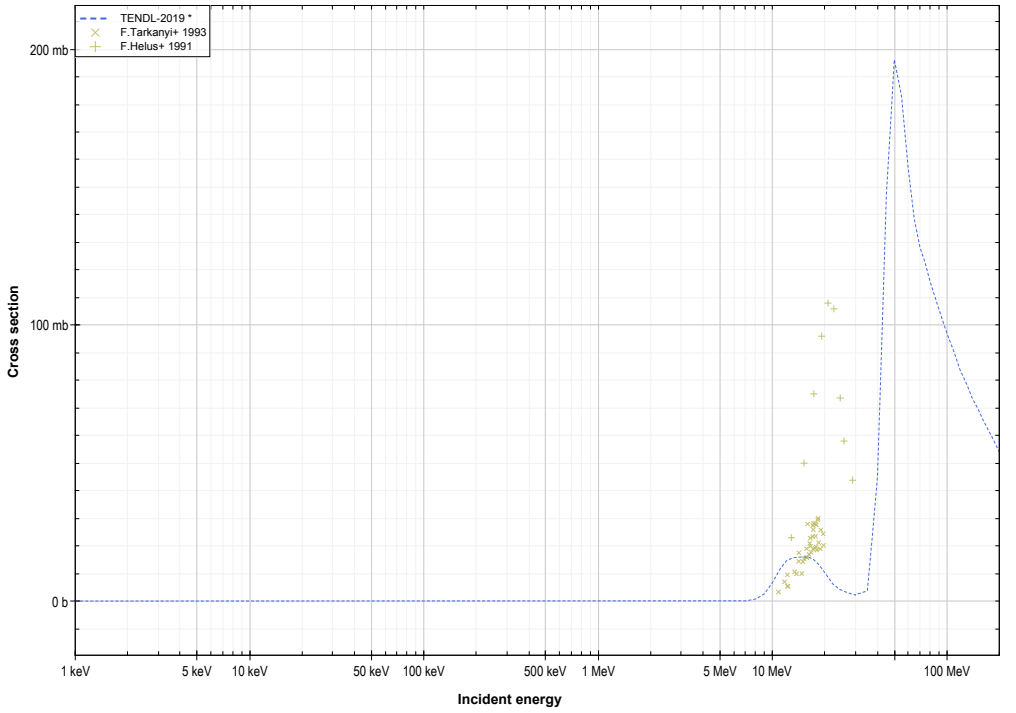
Reaction	Q-Value
Kr78(p,d)Kr77	-9855.65 keV
Kr78(p,n+p)Kr77	-12080.22 keV

<< 34-Se-77	**36-Kr-78**	36-Kr-80 >>
<< MT28 (p,n+p)	**MT107 (p,α) or MT5 (Br75 production)**	36-Kr-80 MT16 (p,2n) >>

Kr78 (p,α) or Br75 production log-log



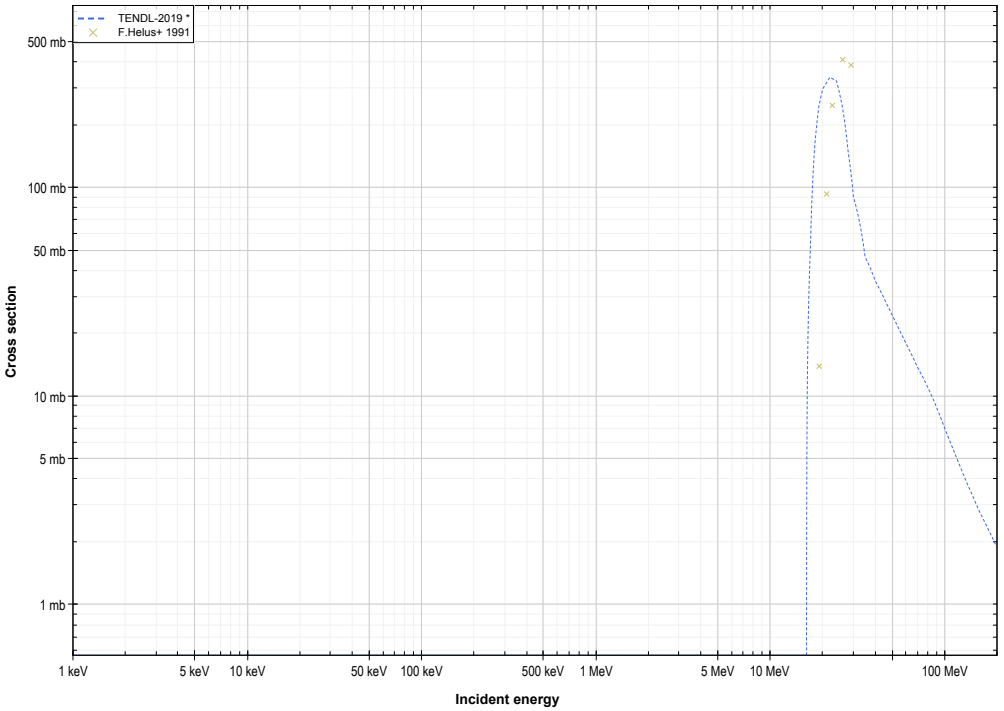
Kr78 (p,α) or Br75 production lin-log



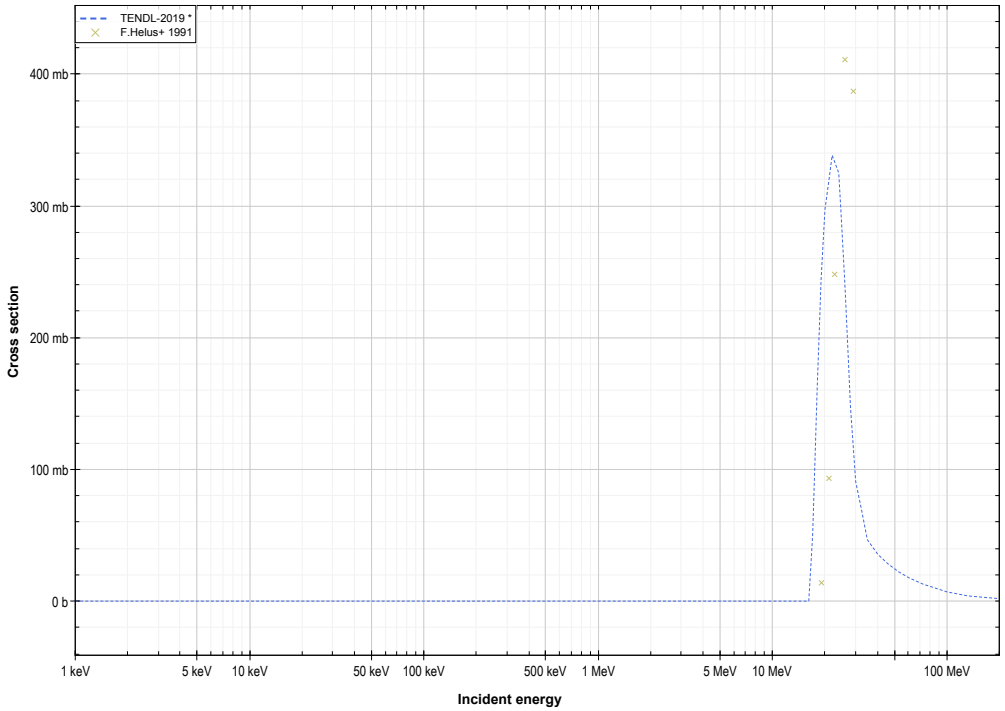
Reaction	Q-Value
Kr78(p,α)Br75	-207.25 keV
Kr78(p,p+t)Br75	-20021.11 keV
Kr78(p,n+He3)Br75	-20784.86 keV
Kr78(p,2d)Br75	-24053.77 keV
Kr78(p,n+p+d)Br75	-26278.34 keV
Kr78(p,2n+2p)Br75	-28502.90 keV

<< 36-Kr-78	**36-Kr-80**	36-Kr-82 >>
<< 36-Kr-78 MT107 (p,α)	**MT16 (p,2n) or MT5 (Rb79 production)**	MT22 (p,n+α) >>

Kr80 (p,2n) or Rb79 production log-log



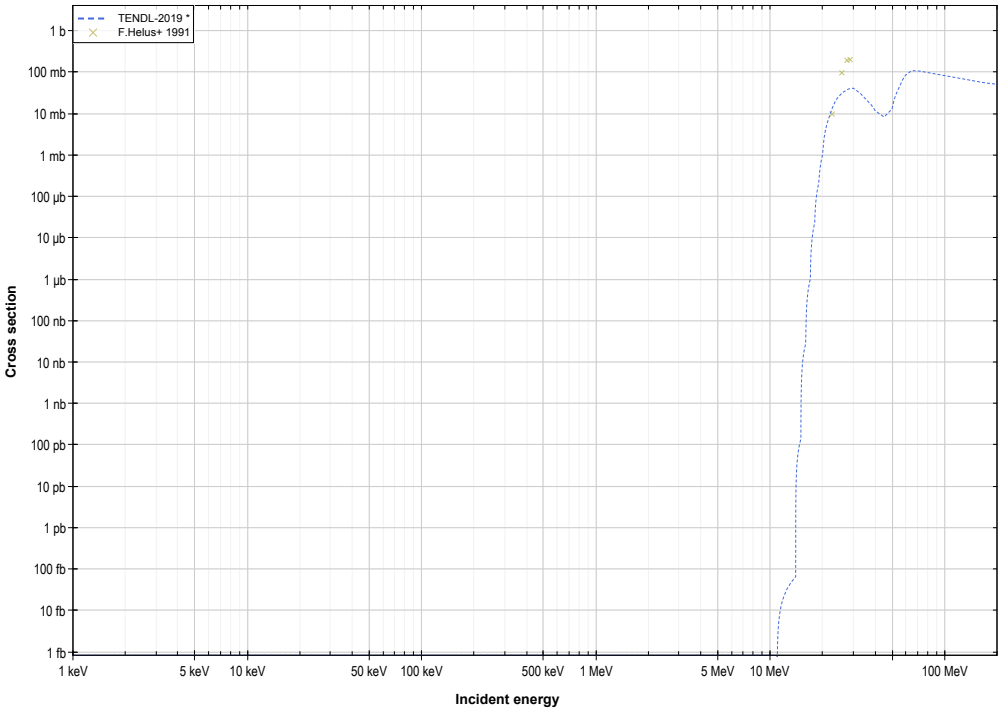
Kr80 (p,2n) or Rb79 production lin-log



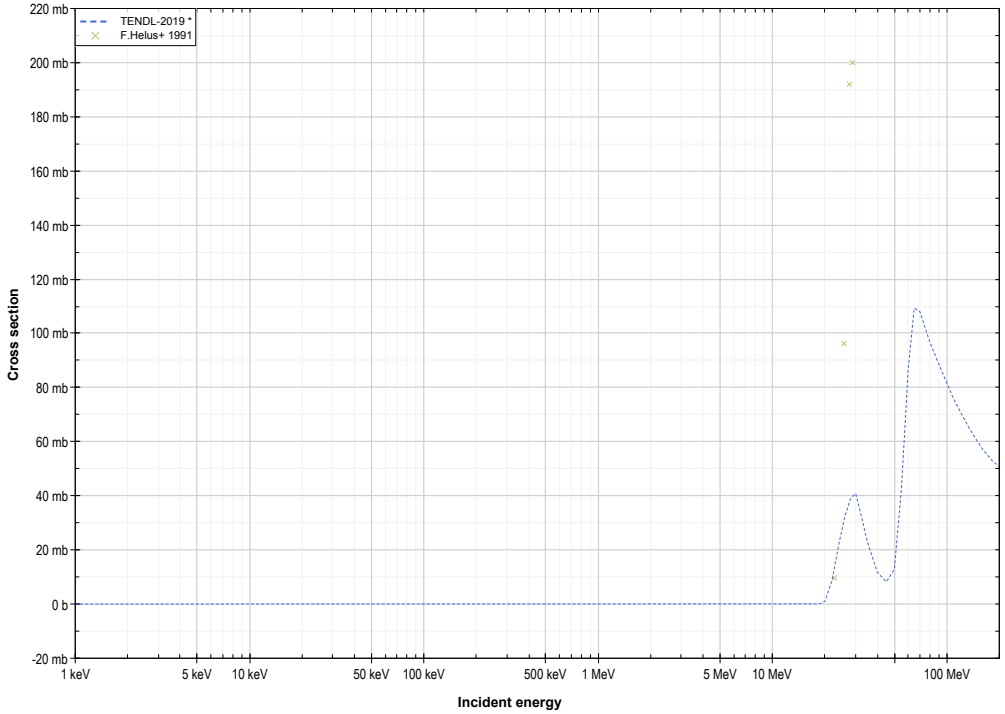
Reaction	Q-Value
Kr80(p,2n)Rb79	-15943.96 keV

<< 35-Br-79	**36-Kr-80**	38-Sr-87 >>
<< MT16 (p,2n)	**MT22 (p,n+α) or MT5 (Br76 production)**	MT107 (p,α) >>

Kr80 (p,n+α) or Br76 production log-log



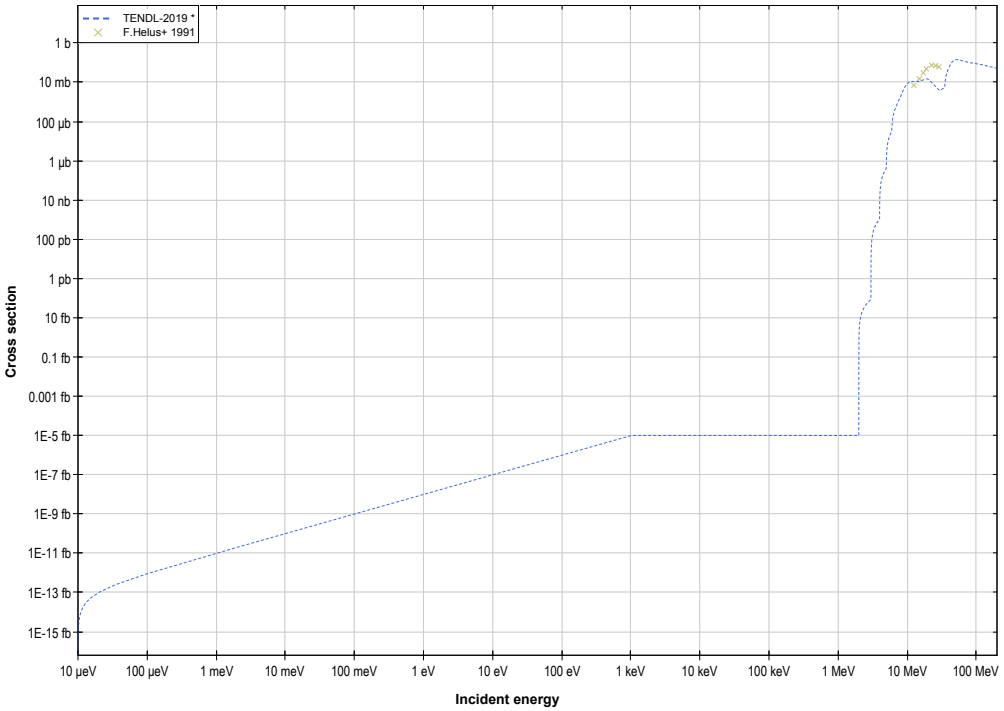
Kr80 (p,n+α) or Br76 production lin-log



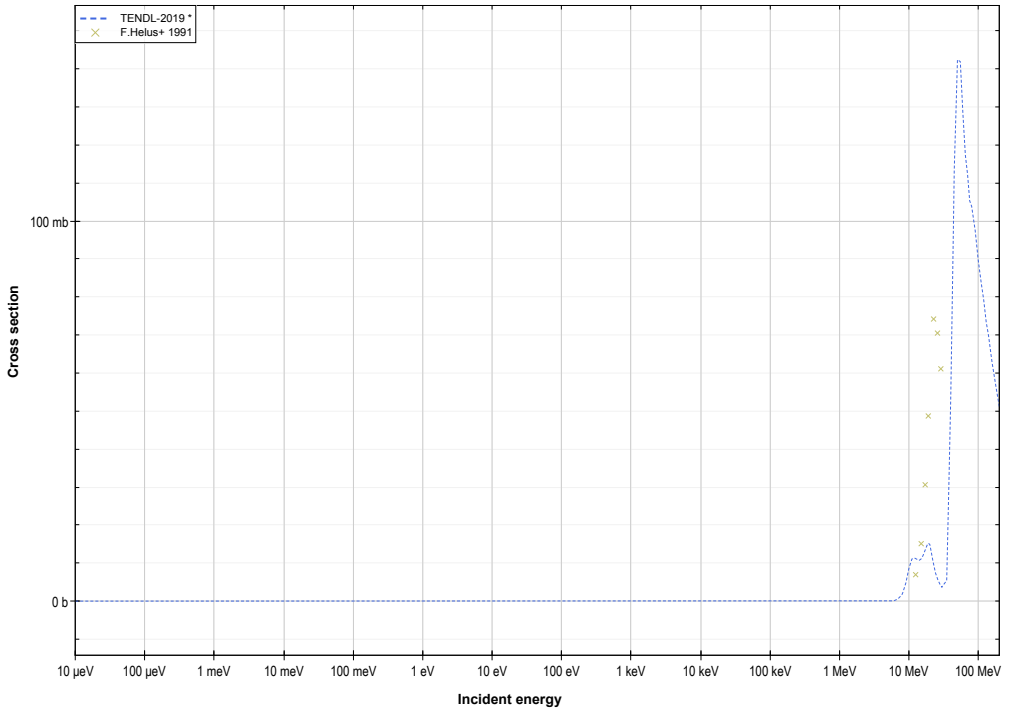
Reaction	Q-Value
Kr80(p,n+α)Br76	-10811.56 keV
Kr80(p,d+t)Br76	-28400.86 keV
Kr80(p,n+p+t)Br76	-30625.43 keV
Kr80(p,2n+He3)Br76	-31389.18 keV
Kr80(p,n+2d)Br76	-34658.09 keV
Kr80(p,2n+p+d)Br76	-36882.66 keV
Kr80(p,3n+2p)Br76	-39107.22 keV

<< 36-Kr-78	**36-Kr-80**	38-Sr-86 >>
<< MT22 (p,n+α)	**MT107 (p,α) or MT5 (Br77 production)**	36-Kr-82 MT4 (p,n) >>

Kr80 (p,α) or Br77 production log-log



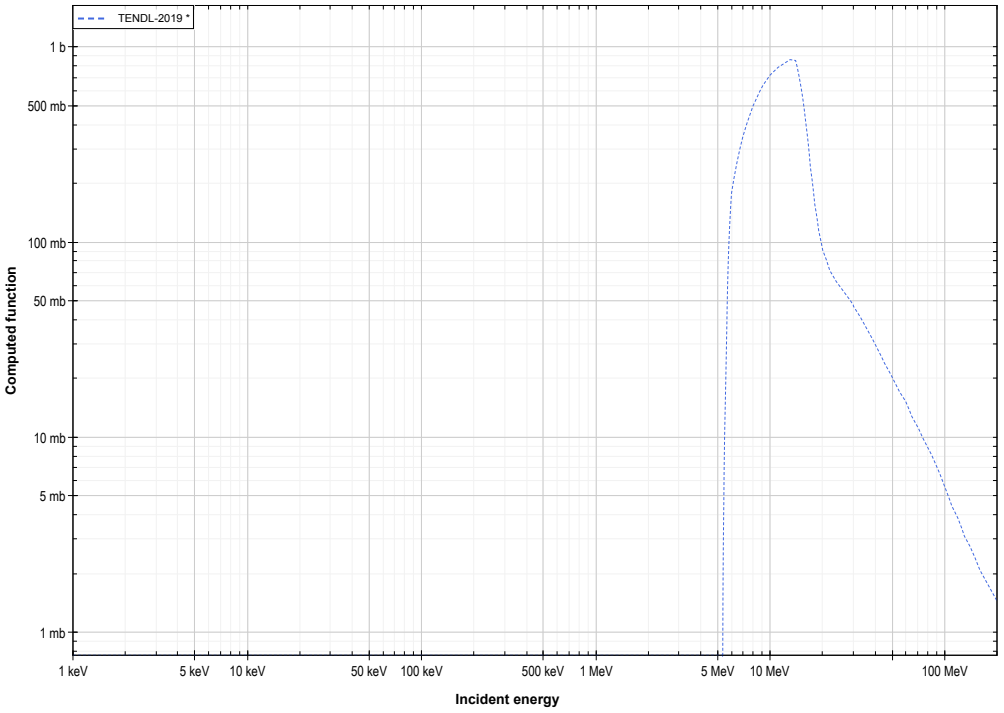
Kr80 (p,α) or Br77 production lin-log



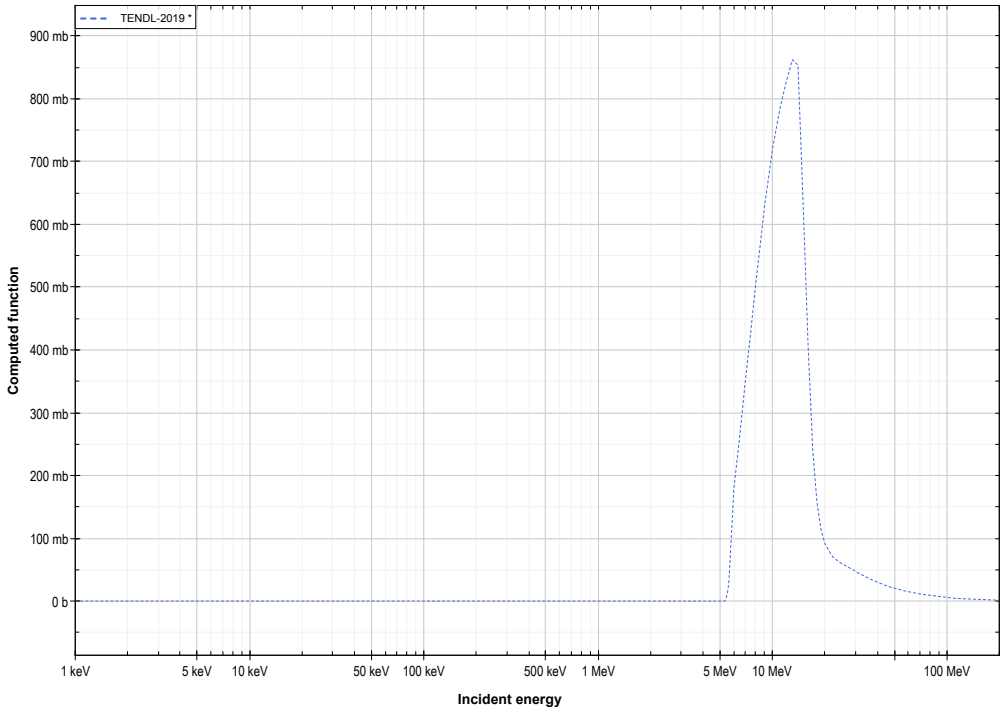
Reaction	Q-Value
Kr80(p,α)Br77	205.55 keV
Kr80(p,p+t)Br77	-19608.31 keV
Kr80(p,n+He3)Br77	-20372.06 keV
Kr80(p,2d)Br77	-23640.97 keV
Kr80(p,n+p+d)Br77	-25865.54 keV
Kr80(p,2n+2p)Br77	-28090.10 keV

<< 35-Br-81	**36-Kr-82**	36-Kr-83 >>
<< 36-Kr-80 MT107 (p,α)	**MT4 (p,n) or MT5 (Rb82 production)**	MT16 (p,2n) >>

Kr82 (p,n) or Rb82 production log-log



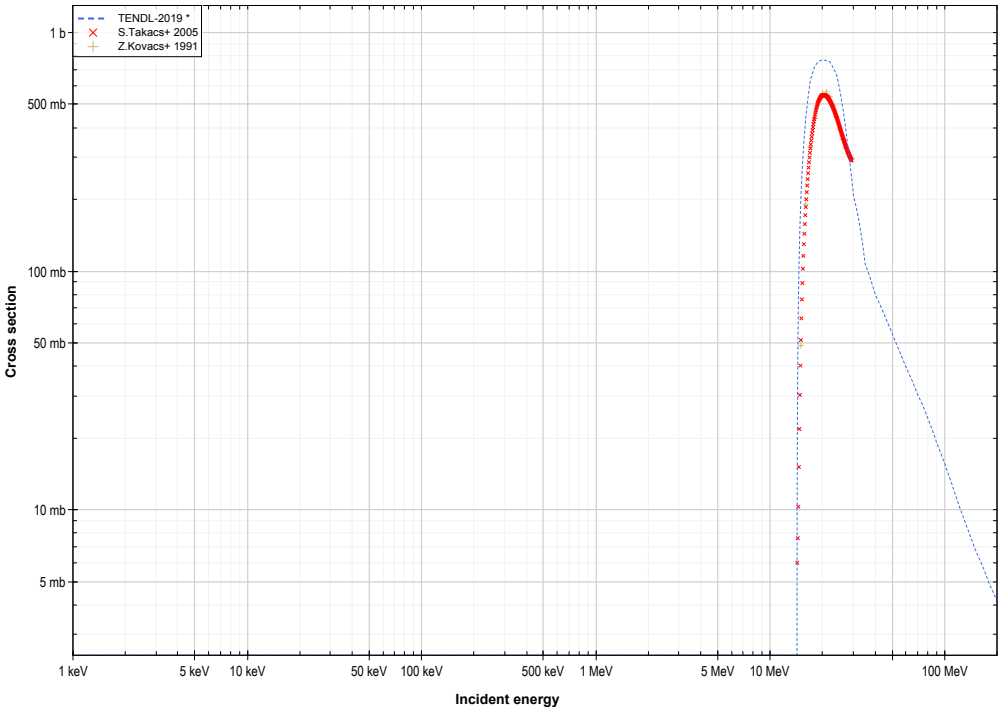
Kr82 (p,n) or Rb82 production lin-log



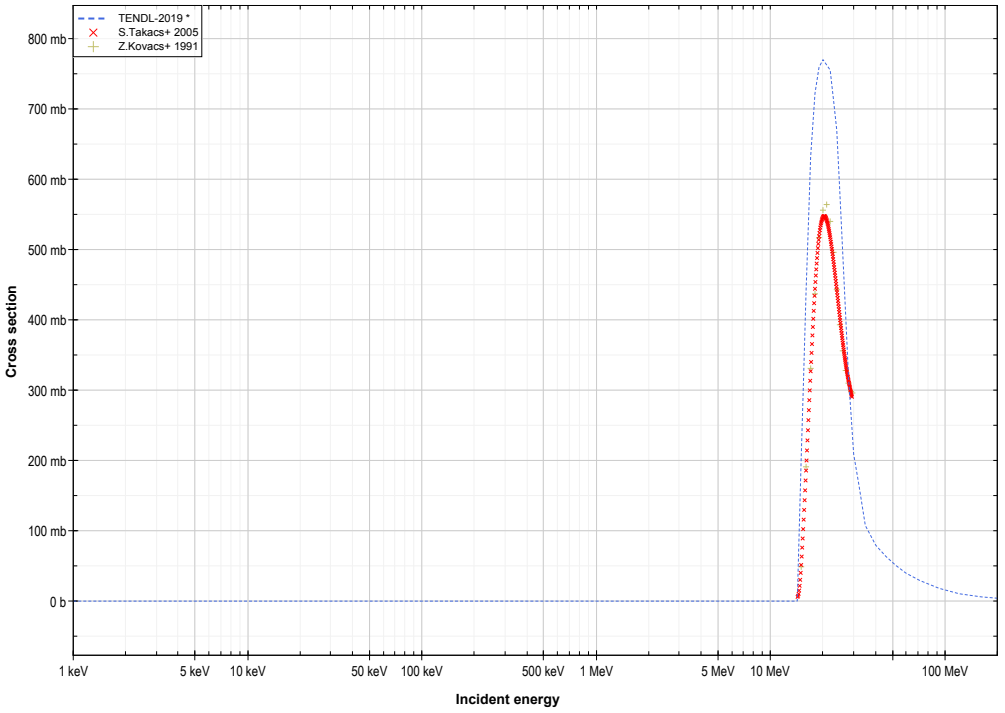
Reaction	Q-Value
Kr82(p,n)Rb82	-5186.13 keV

<< 36-Kr-80	**36-Kr-82**	36-Kr-83 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Rb81 production)**	36-Kr-83 MT4 (p,n) >>

Kr82 (p,2n) or Rb81 production log-log



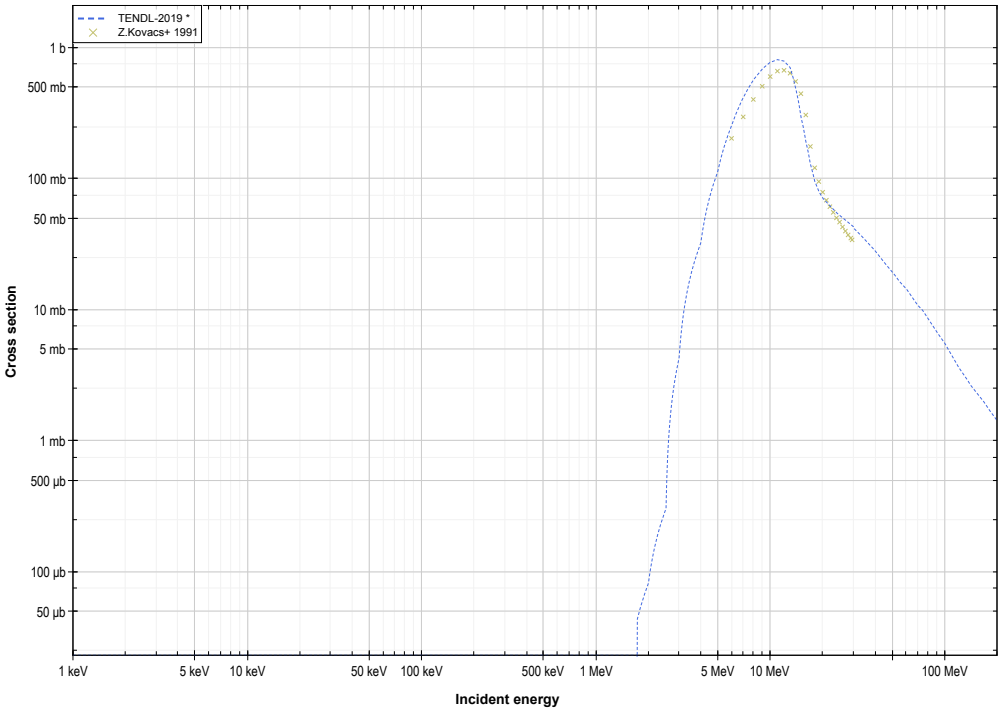
Kr82 (p,2n) or Rb81 production lin-log



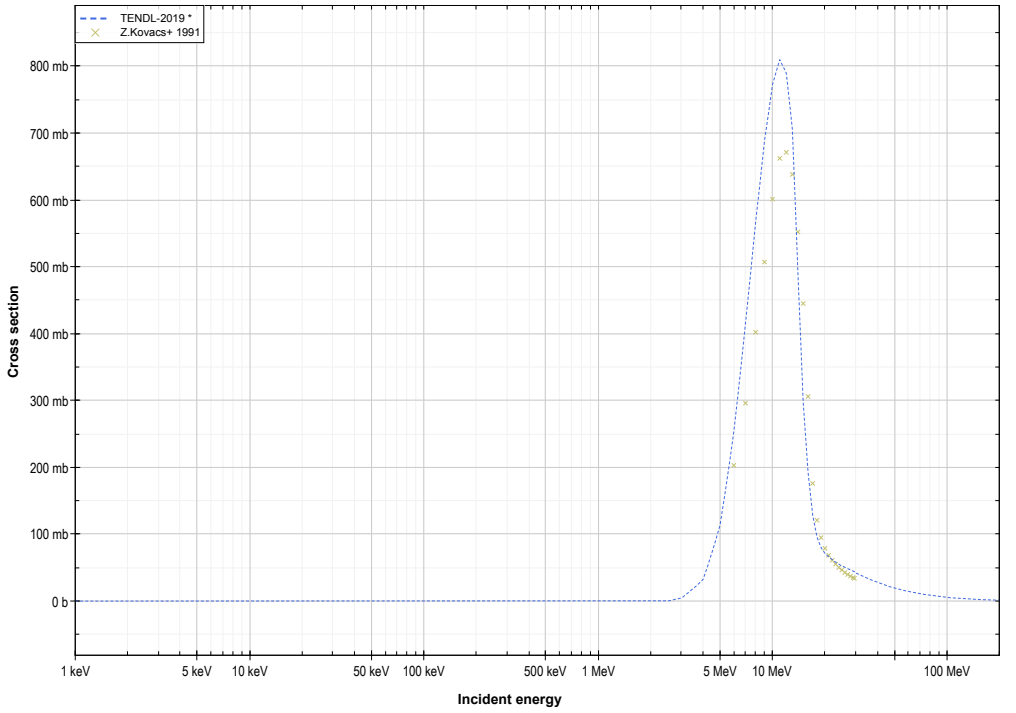
Reaction	Q-Value
Kr82(p,2n)Rb81	-13988.45 keV

<< 36-Kr-82	**36-Kr-83**	36-Kr-84 >>
<< 36-Kr-82 MT16 (p,2n)	**MT4 (p,n) or MT5 (Rb83 production)**	MT16 (p,2n) >>

Kr83 (p,n) or Rb83 production log-log



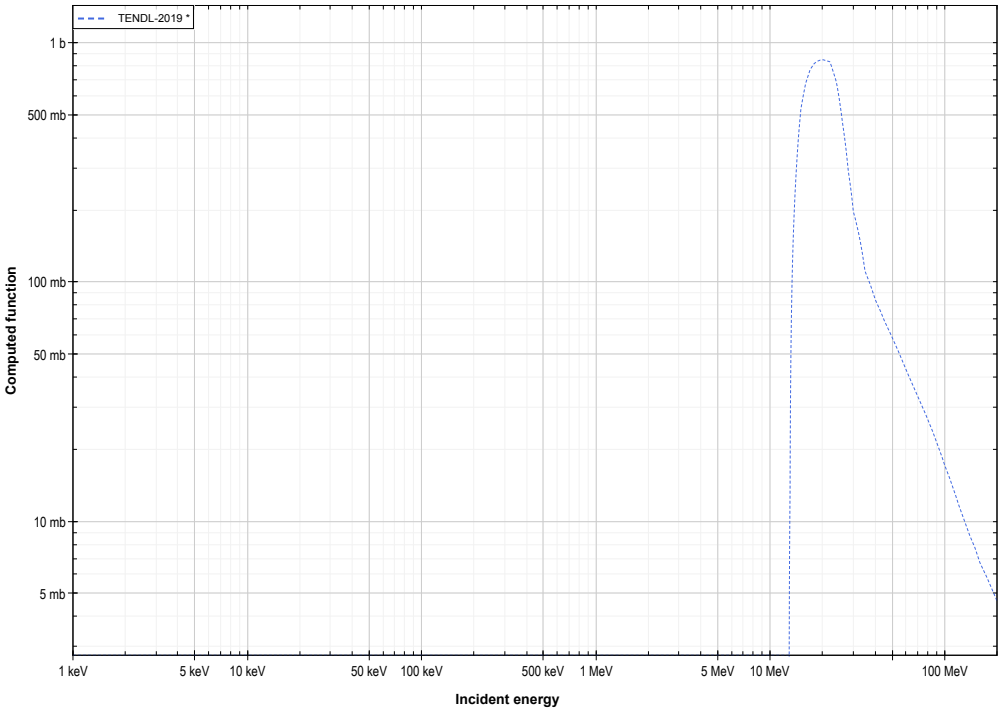
Kr83 (p,n) or Rb83 production lin-log



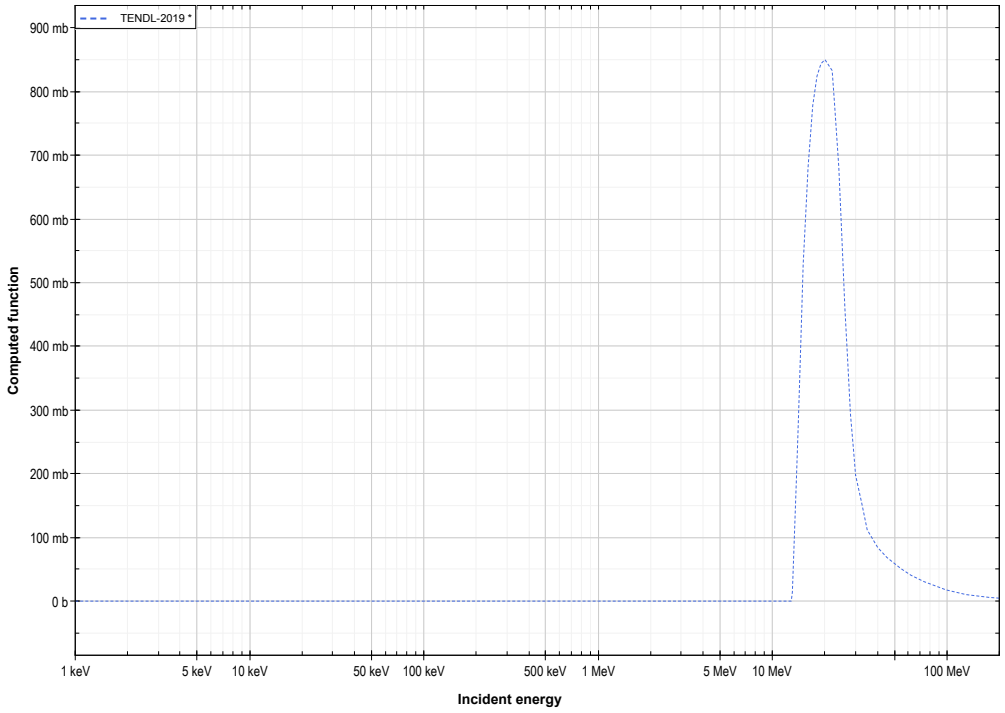
Reaction	Q-Value
Kr83(p,n)Rb83	-1702.38 keV

<< 36-Kr-82	**36-Kr-83**	36-Kr-84 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Rb82 production)**	MT17 (p,3n) >>

Kr83 (p,2n) or Rb82 production log-log



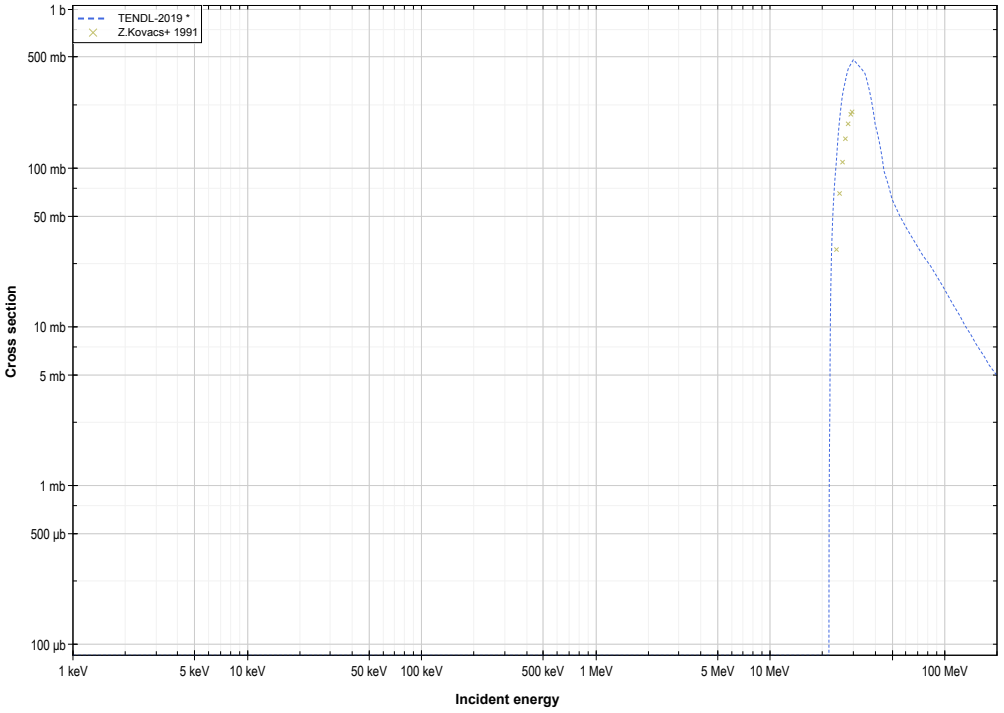
Kr83 (p,2n) or Rb82 production lin-log



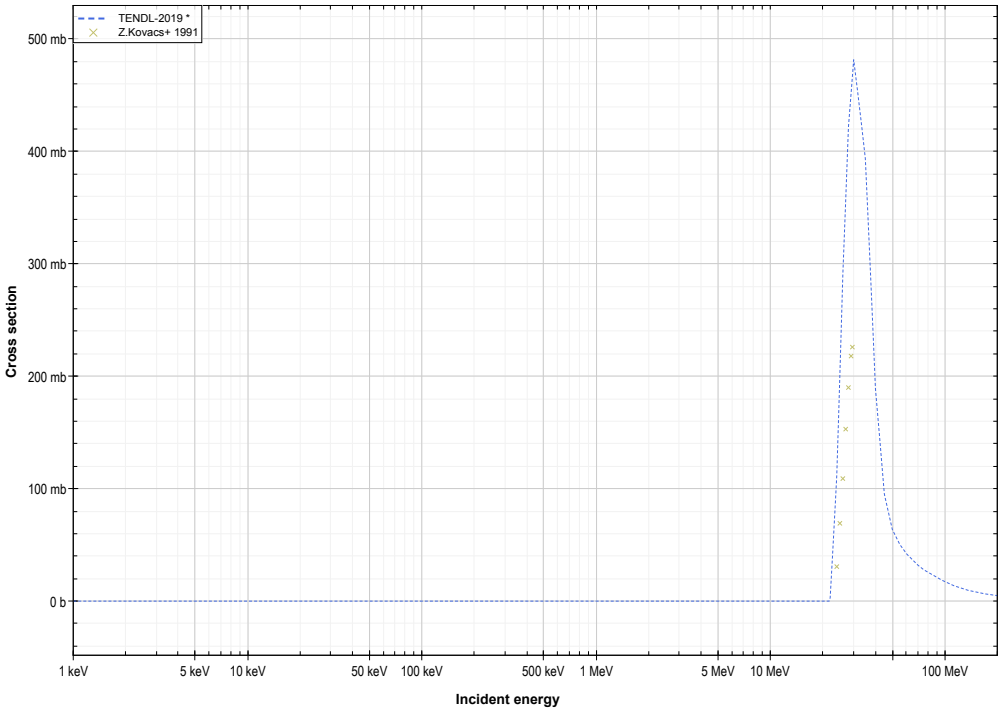
Reaction	Q-Value
Kr83(p,2n)Rb82	-12656.30 keV

<< 35-Br-81	**36-Kr-83**	36-Kr-84 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Rb81 production)**	36-Kr-84 MT4 (p,n) >>

Kr83 (p,3n) or Rb81 production log-log



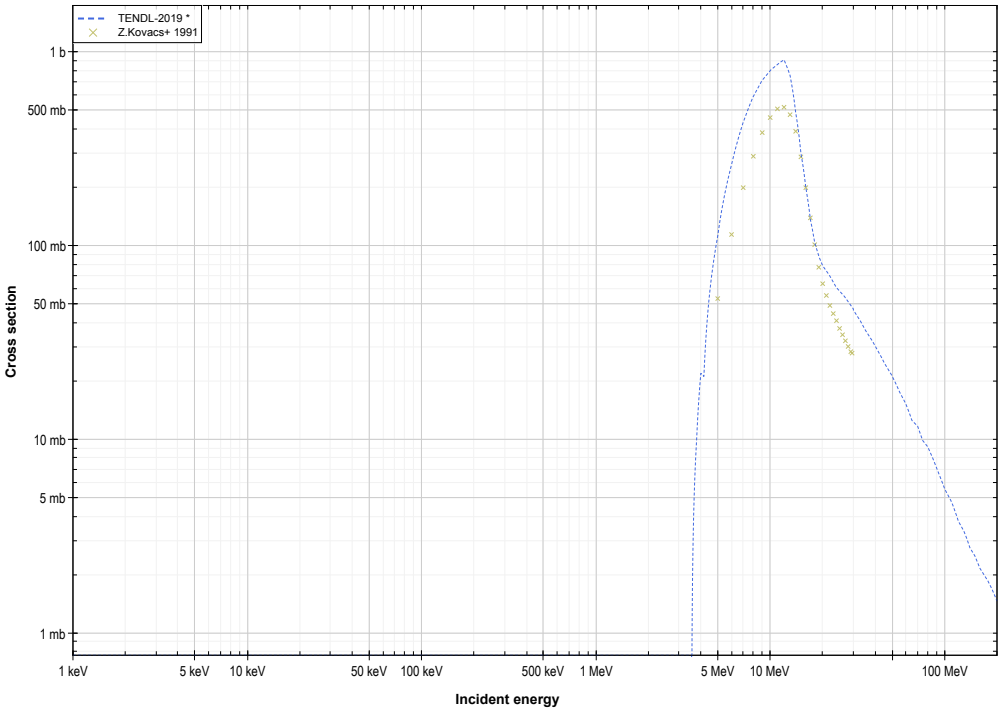
Kr83 (p,3n) or Rb81 production lin-log



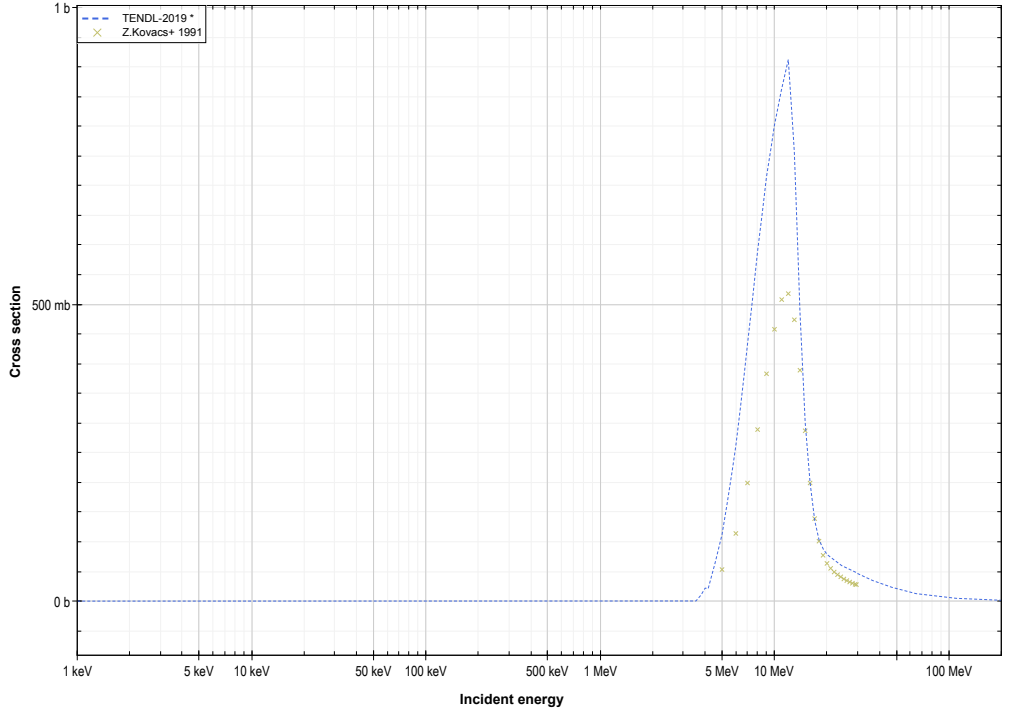
Reaction	Q-Value
Kr83(p,3n)Rb81	-21458.61 keV

<< 36-Kr-83	**36-Kr-84**	37-Rb-85 >>
<< 36-Kr-83 MT17 (p,3n)	**MT4 (p,n) or MT5 (Rb84 production)**	MT16 (p,2n) >>

Kr84 (p,n) or Rb84 production log-log



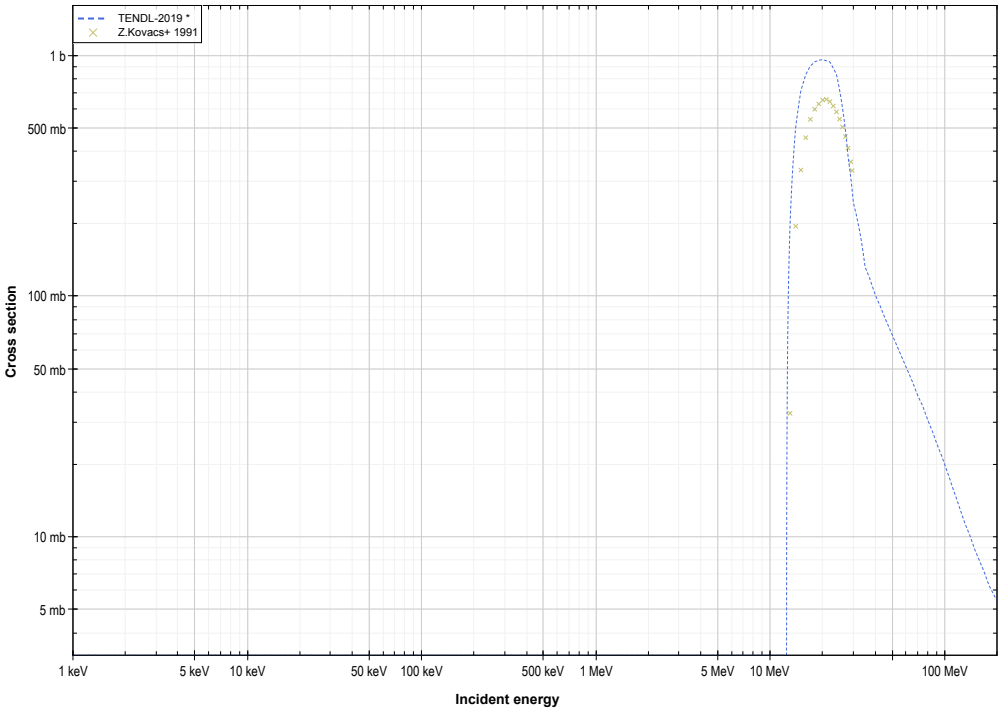
Kr84 (p,n) or Rb84 production lin-log



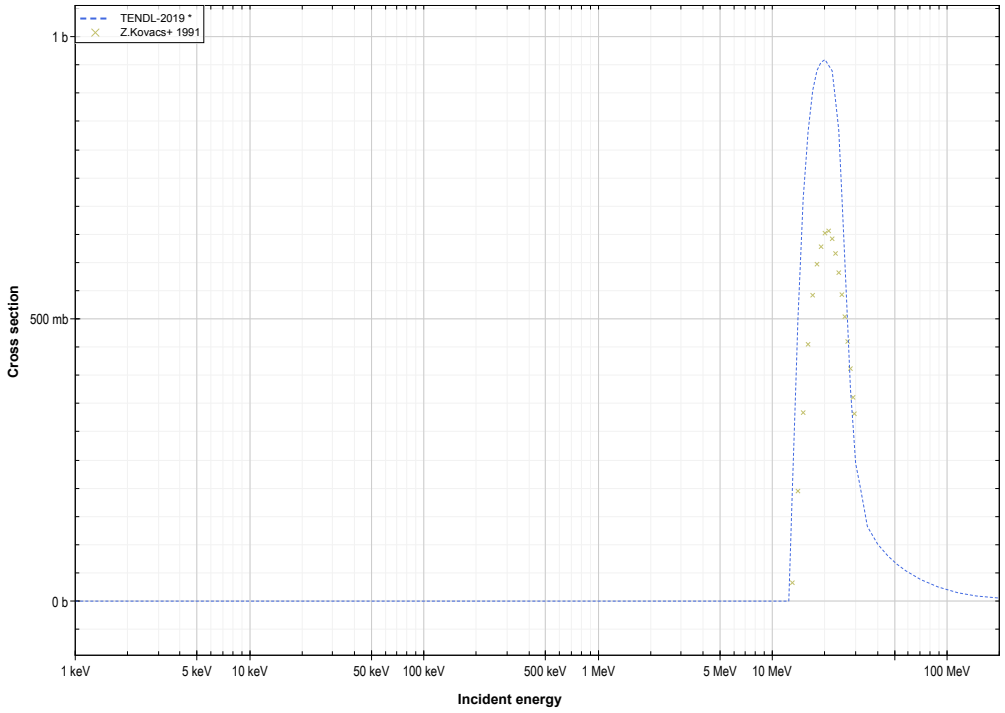
Reaction	Q-Value
Kr84(p,n)Rb84	-3462.68 keV

<< 36-Kr-83	**36-Kr-84**	38-Sr-86 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Rb83 production)**	MT17 (p,3n) >>

Kr84 (p,2n) or Rb83 production log-log



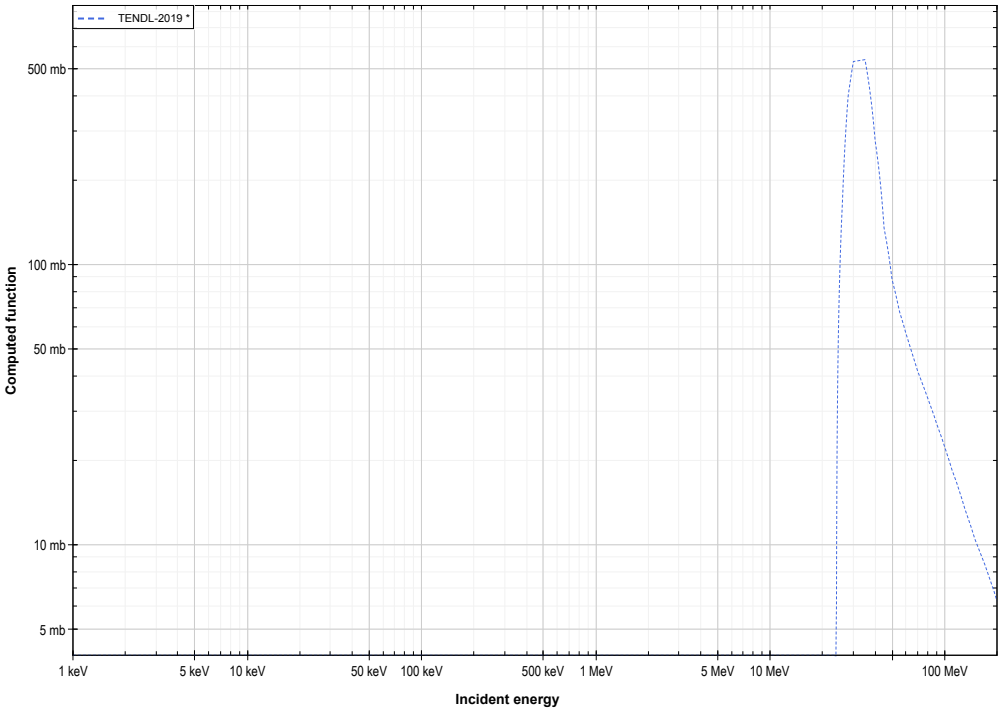
Kr84 (p,2n) or Rb83 production lin-log



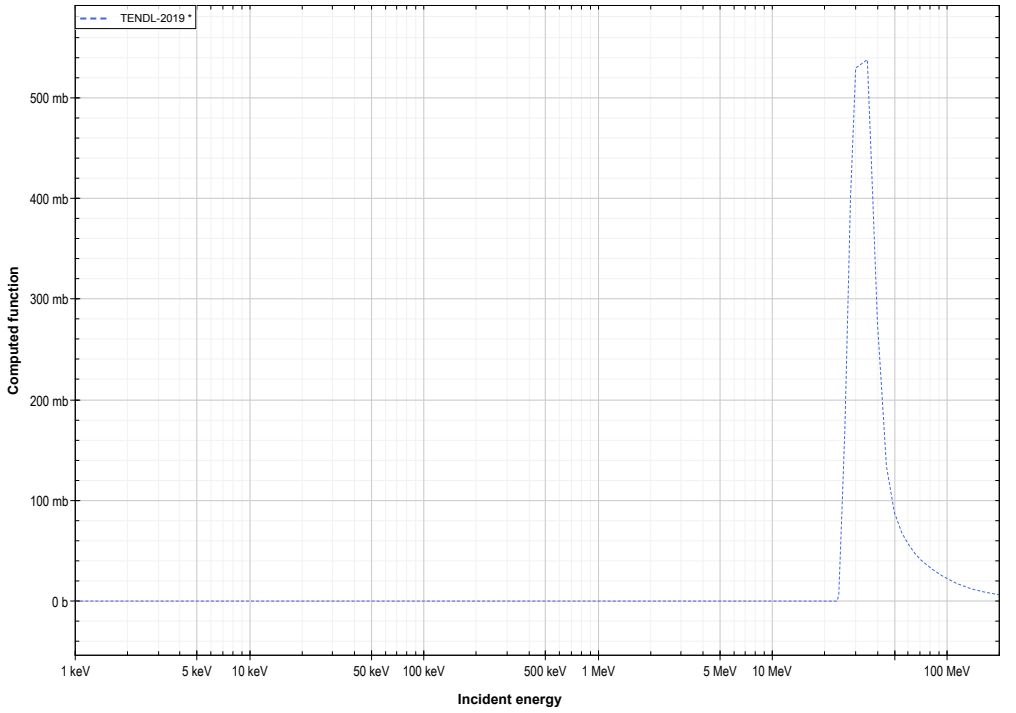
Reaction	Q-Value
Kr84(p,2n)Rb83	-12222.40 keV

<< 36-Kr-83	**36-Kr-84**	36-Kr-86 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Rb82 production)**	36-Kr-86 MT17 (p,3n) >>

Kr84 (p,3n) or Rb82 production log-log



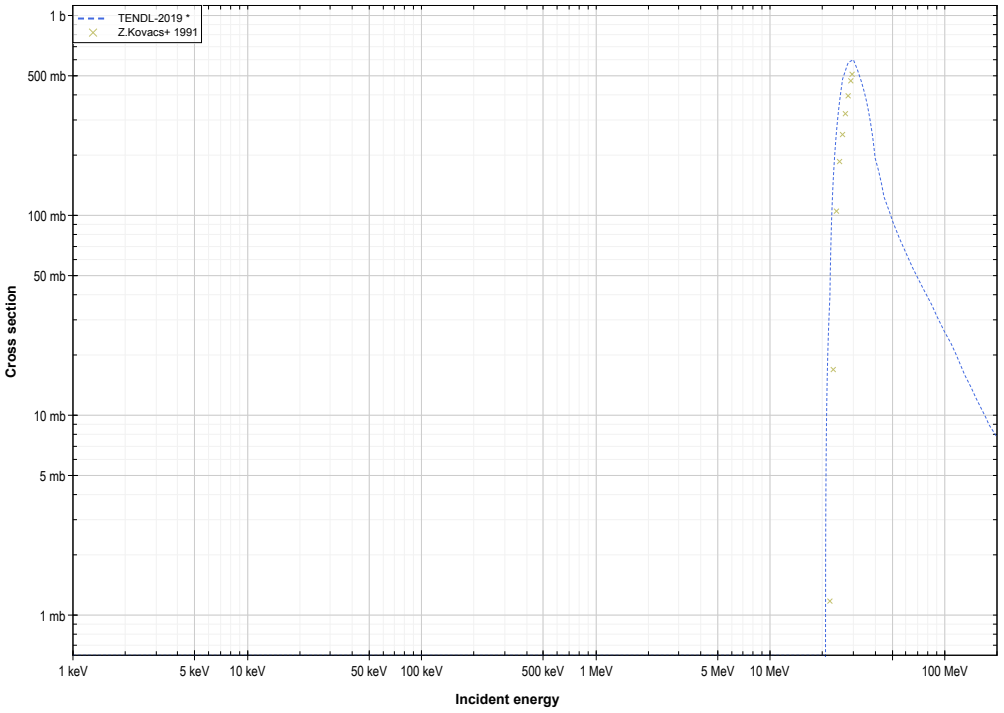
Kr84 (p,3n) or Rb82 production lin-log



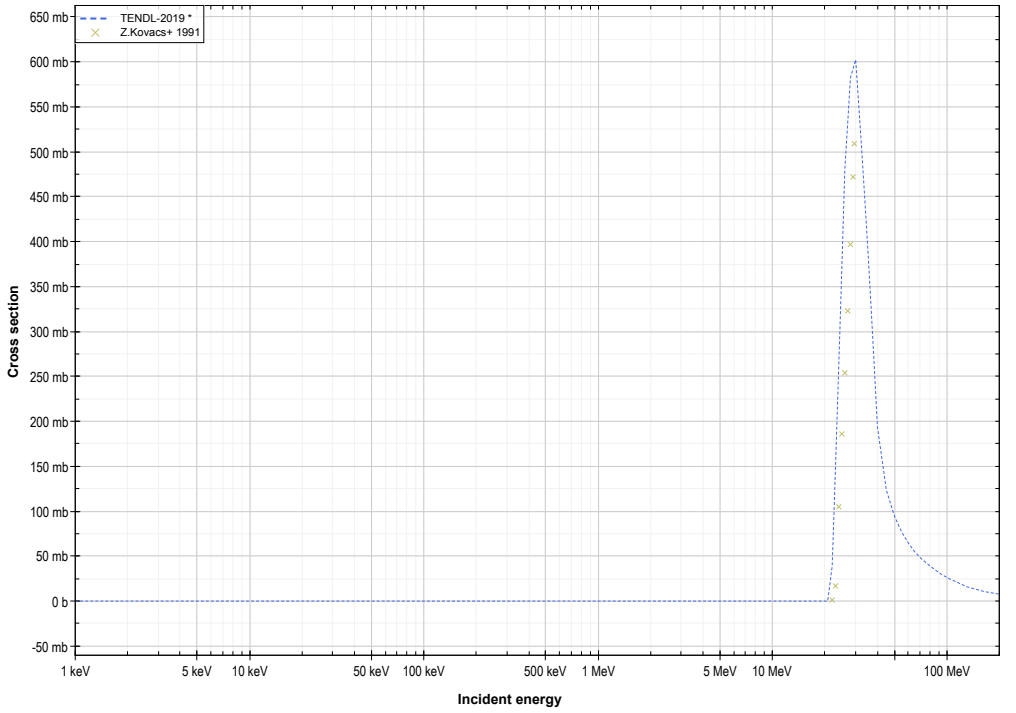
Reaction	Q-Value
Kr84(p,3n)Rb82	-23176.32 keV

<< 36-Kr-84	**36-Kr-86**	37-Rb-85 >>
<< 36-Kr-84 MT17 (p,3n)	**MT17 (p,3n) or MT5 (Rb84 production)**	37-Rb-85 MT4 (p,n) >>

Kr86 (p,3n) or Rb84 production log-log



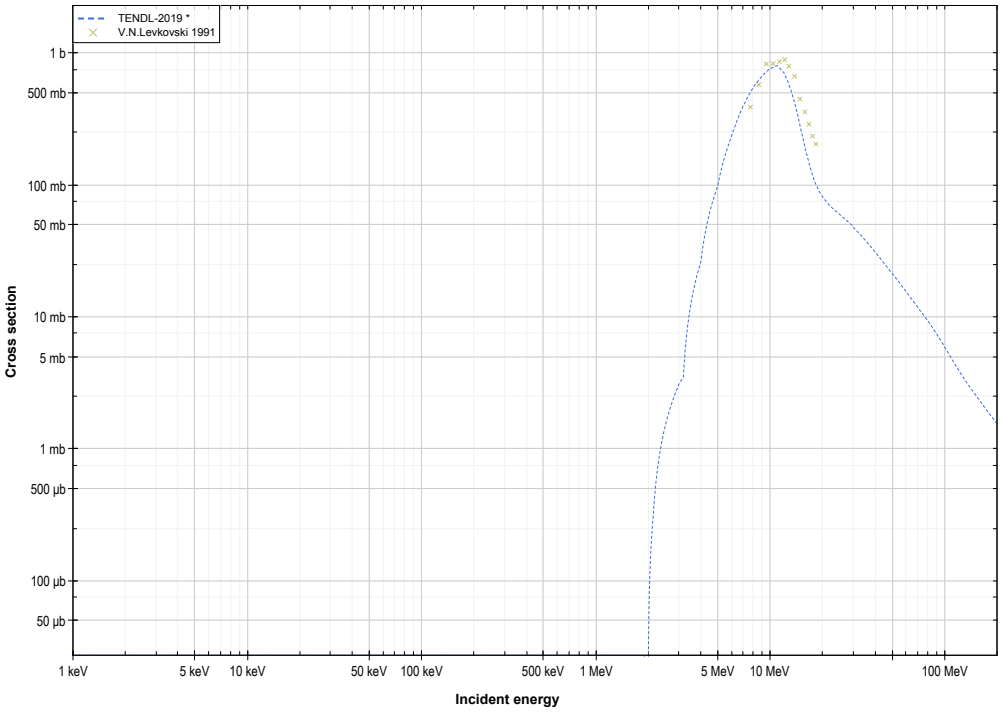
Kr86 (p,3n) or Rb84 production lin-log



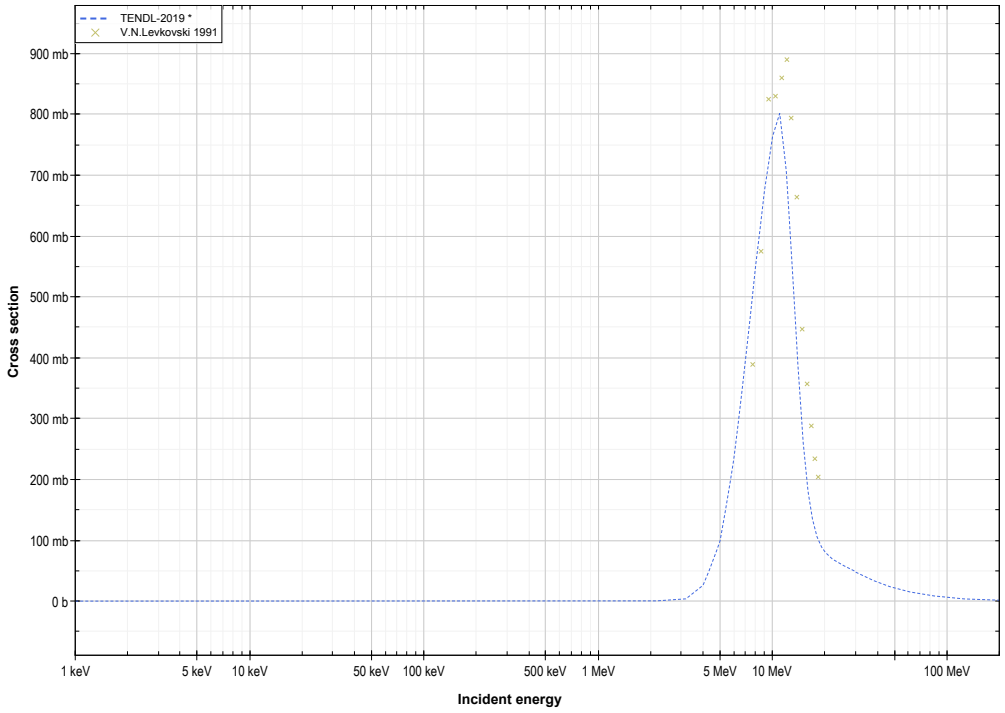
Reaction	Q-Value
Kr86(p,3n)Rb84	-20431.65 keV

<< 36-Kr-84	**37-Rb-85**	37-Rb-87 >>
<< 36-Kr-86 MT17 (p,3n)	**MT4 (p,n) or MT5 (Sr85 production)**	MT17 (p,3n) >>

Rb85 (p,n) or Sr85 production log-log



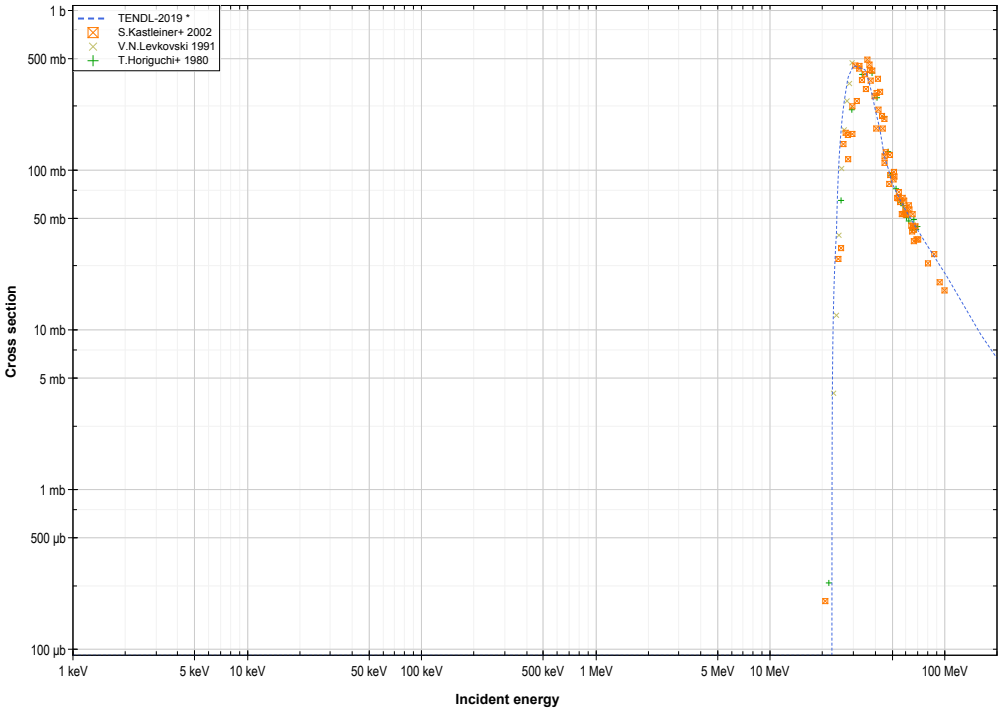
Rb85 (p,n) or Sr85 production lin-log



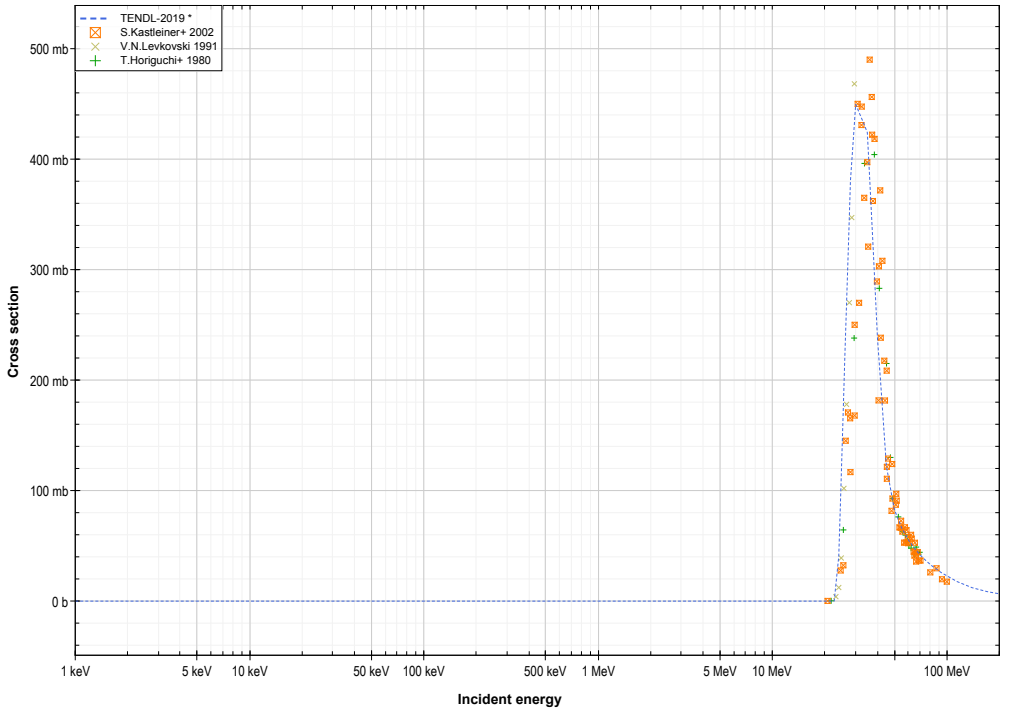
Reaction	Q-Value
Rb85(p,n)Sr85	-1846.38 keV

<< 36-Kr-86	**37-Rb-85**	38-Sr-88 >>
<< MT4 (p,n)	**MT17 (p,3n) or MT5 (Sr83 production)**	MT28 (p,n+p) >>

Rb85 (p,3n) or Sr83 production log-log



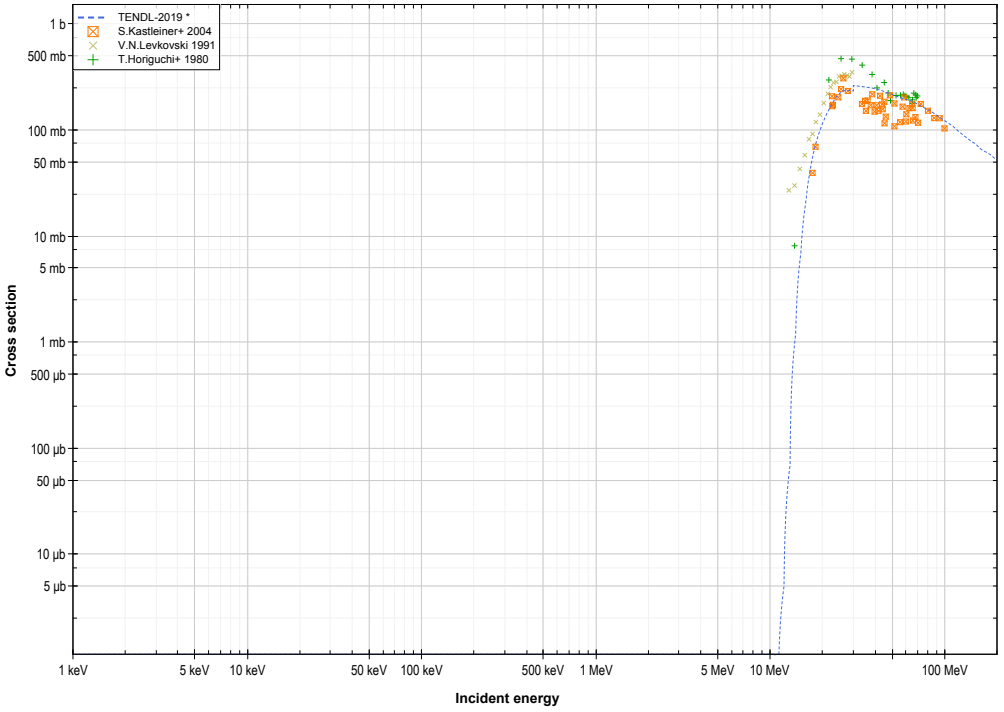
Rb85 (p,3n) or Sr83 production lin-log



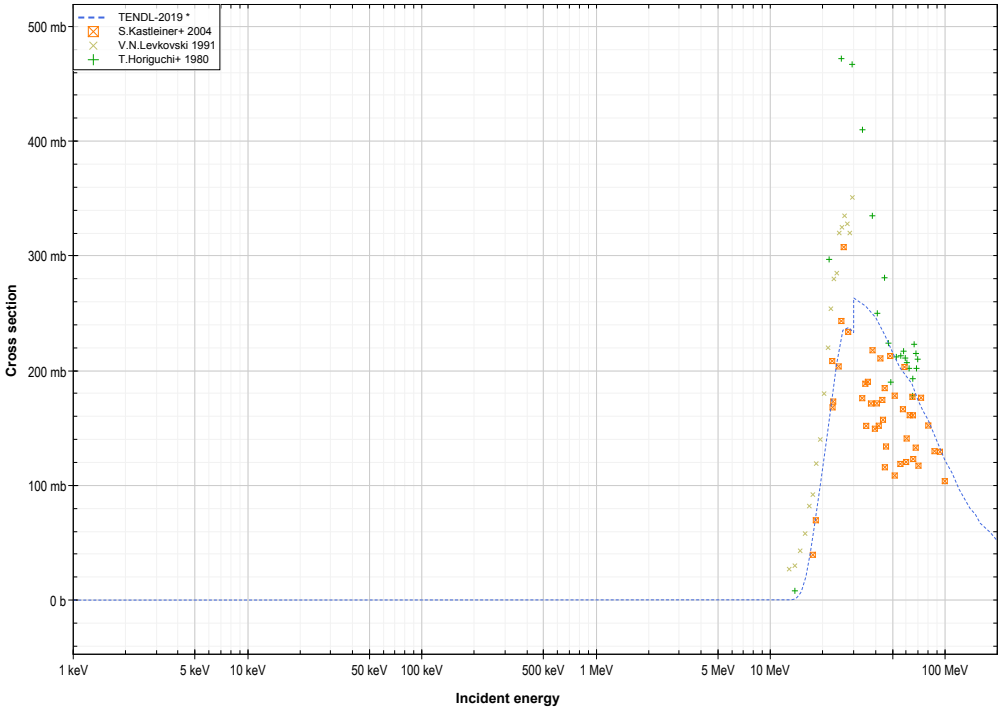
Reaction	Q-Value
Rb85(p,3n)Sr83	-22294.31 keV

<< 36-Kr-78	**37-Rb-85**	37-Rb-87 >>
<< MT17 (p,3n)	**MT28 (p,n+p) or MT5 (Rb84 production)**	MT32 (p,n+d) >>

Rb85 (p,n+p) or Rb84 production log-log



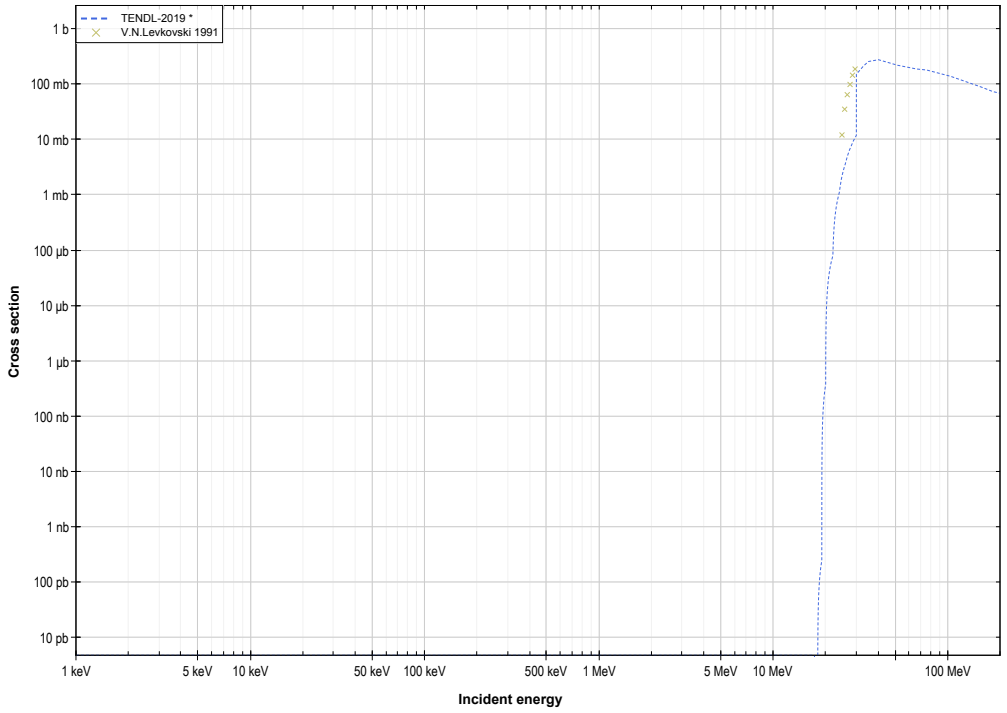
Rb85 (p,n+p) or Rb84 production lin-log



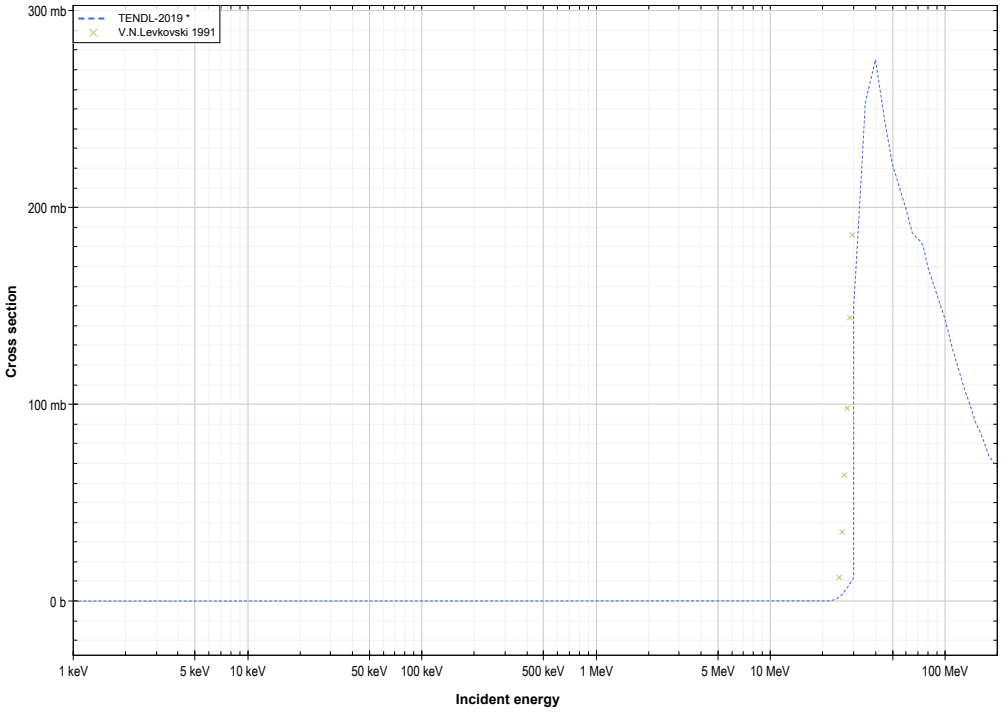
Reaction	Q-Value
Rb85(p,d)Rb84	-8255.08 keV
Rb85(p,n+p)Rb84	-10479.65 keV

<< 35-Br-79	**37-Rb-85**	39-Y-89 >>
<< MT28 (p,n+p)	**MT32 (p,n+d) or MT5 (Rb83 production)**	MT37 (p,4n) >>

Rb85 (p,n+d) or Rb83 production log-log



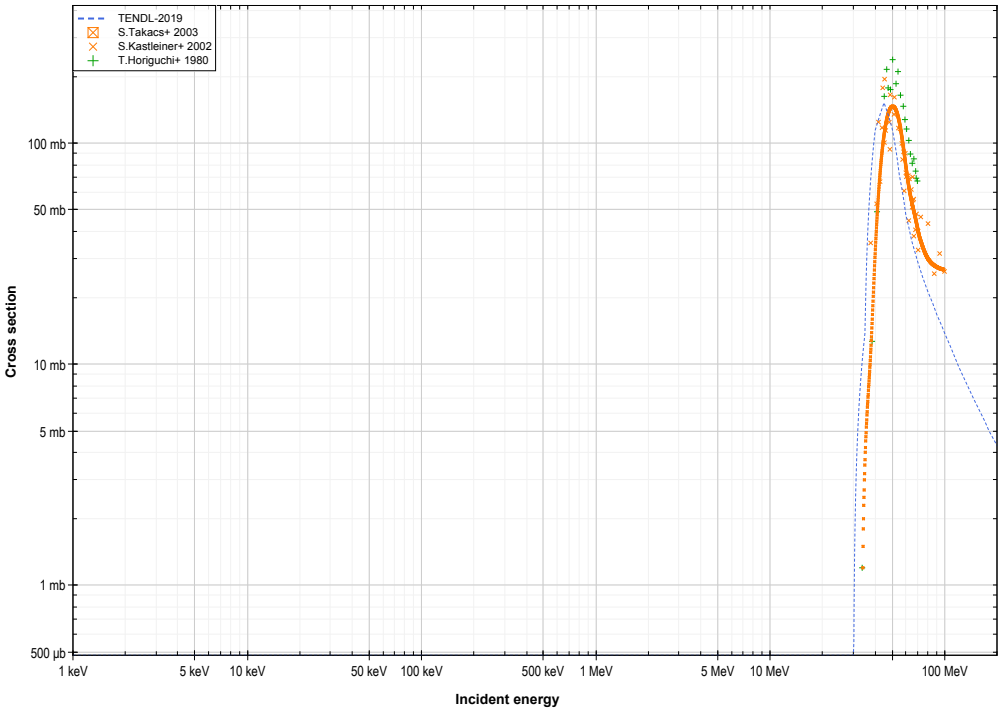
Rb85 (p,n+d) or Rb83 production lin-log



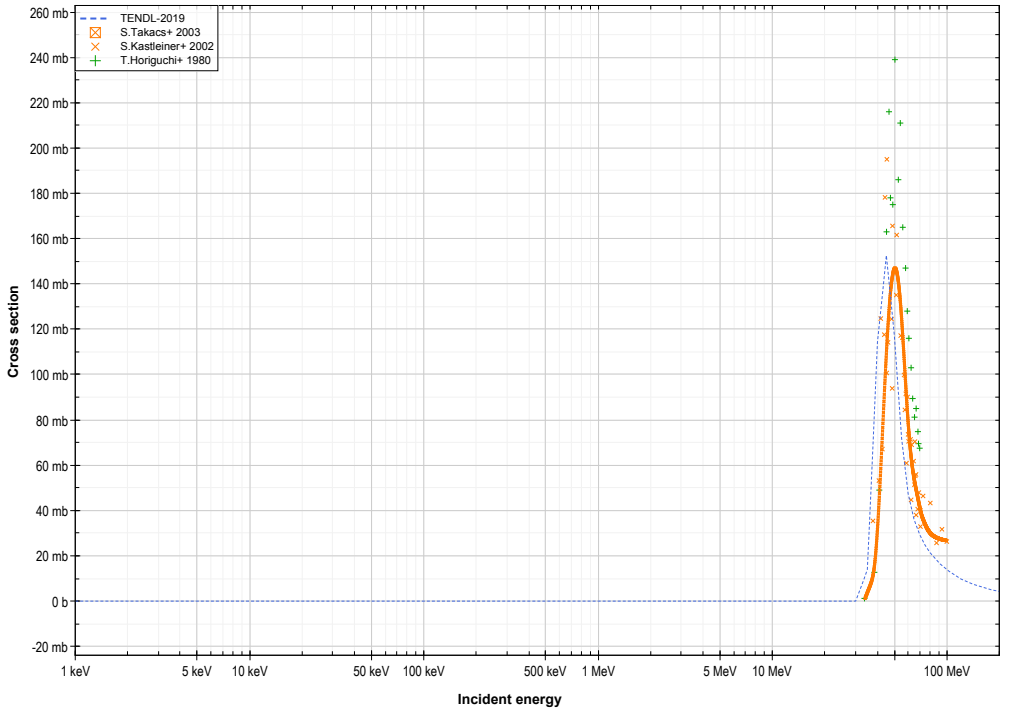
Reaction	Q-Value
Rb85(p,t)Rb83	-10757.57 keV
Rb85(p,n+d)Rb83	-17014.80 keV
Rb85(p,2n+p)Rb83	-19239.37 keV

<< 35-Br-79	**37-Rb-85**	38-Sr-88 >>
<< MT32 (p,n+d)	**MT37 (p,4n) or MT5 (Sr82 production)**	MT41 (p,2n+p) >>

Rb85 (p,4n) or Sr82 production log-log



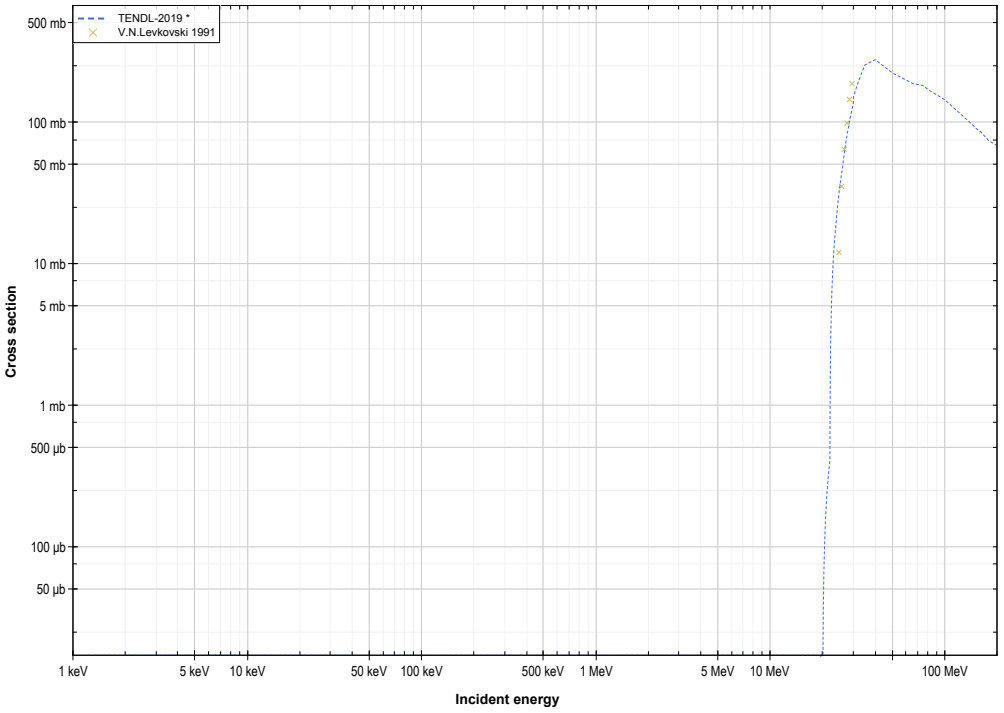
Rb85 (p,4n) or Sr82 production lin-log



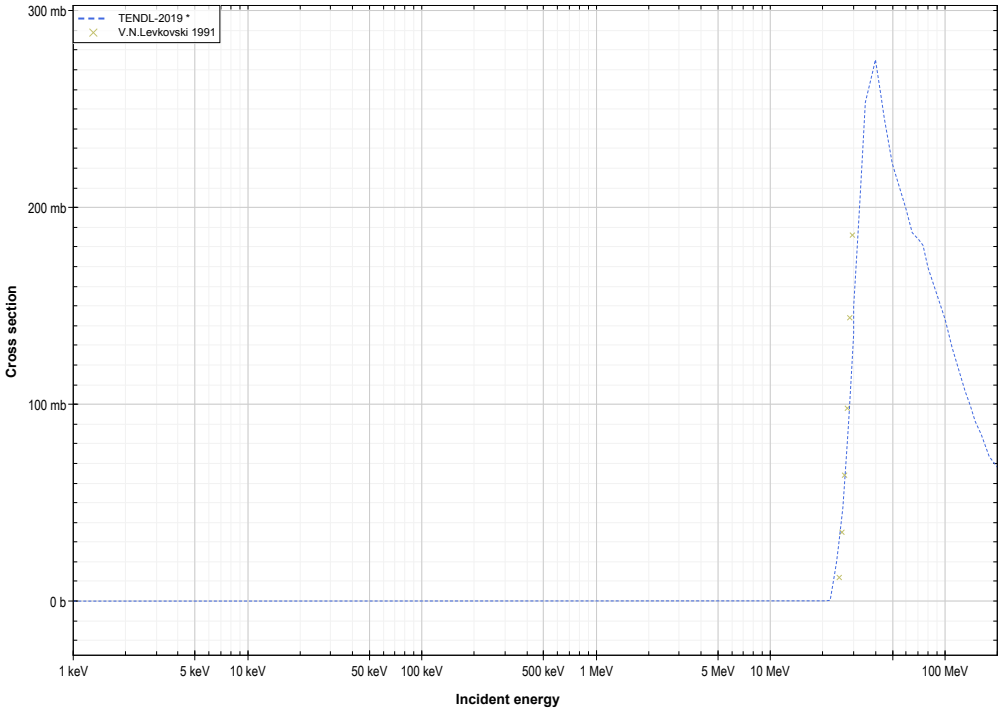
Reaction	Q-Value
Rb85(p,4n)Sr82	-31153.63 keV

<< 35-Br-79	**37-Rb-85**	39-Y-89 >>
<< MT37 (p,4n)	**MT41 (p,2n+p) or MT5 (Rb83 production)**	MT104 (p,d) >>

Rb85 (p,2n+p) or Rb83 production log-log



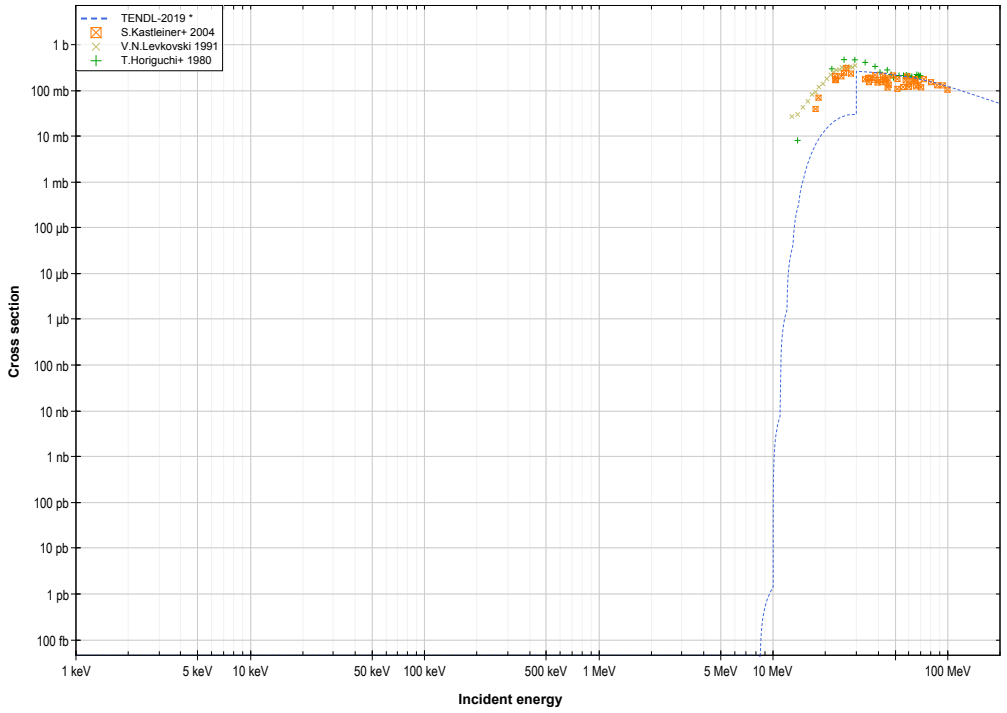
Rb85 (p,2n+p) or Rb83 production lin-log



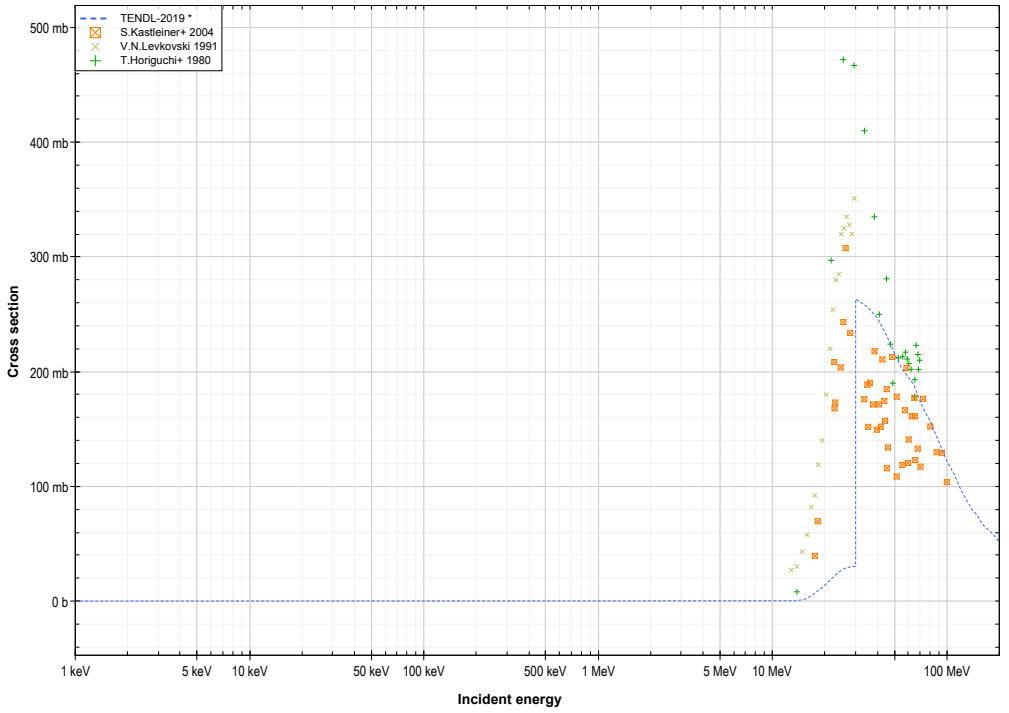
Reaction	Q-Value
Rb85(p,t)Rb83	-10757.57 keV
Rb85(p,n+d)Rb83	-17014.80 keV
Rb85(p,2n+p)Rb83	-19239.37 keV

<< 35-Br-81	**37-Rb-85**	37-Rb-87 >>
<< MT41 (p,2n+p)	**MT104 (p,d) or MT5 (Rb84 production)**	MT105 (p,t) >>

Rb85 (p,d) or Rb84 production log-log



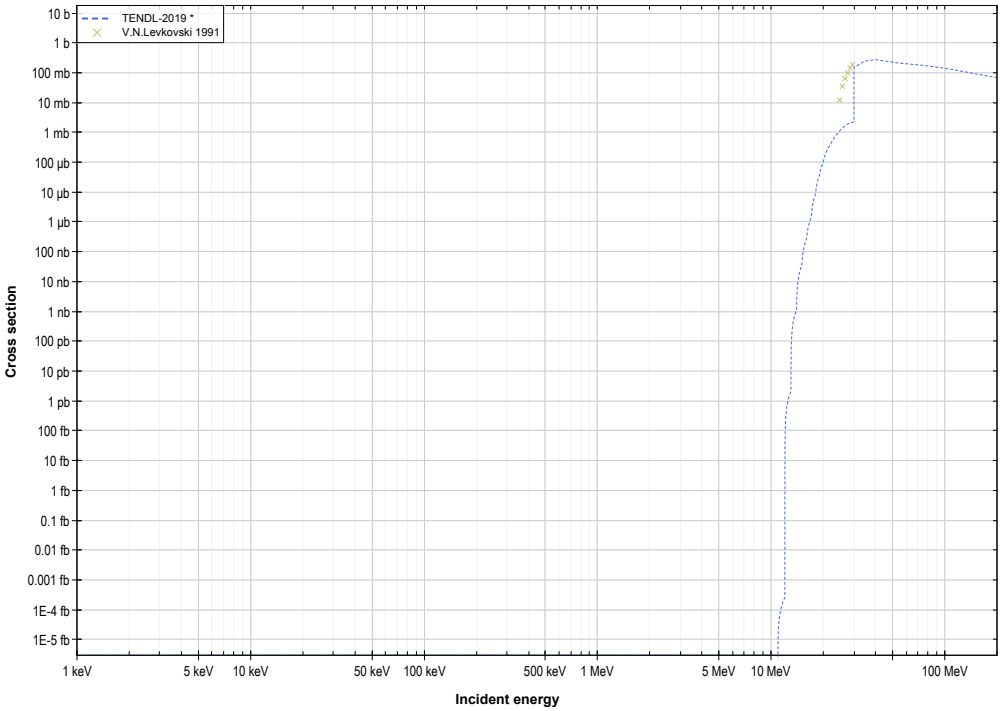
Rb85 (p,d) or Rb84 production lin-log



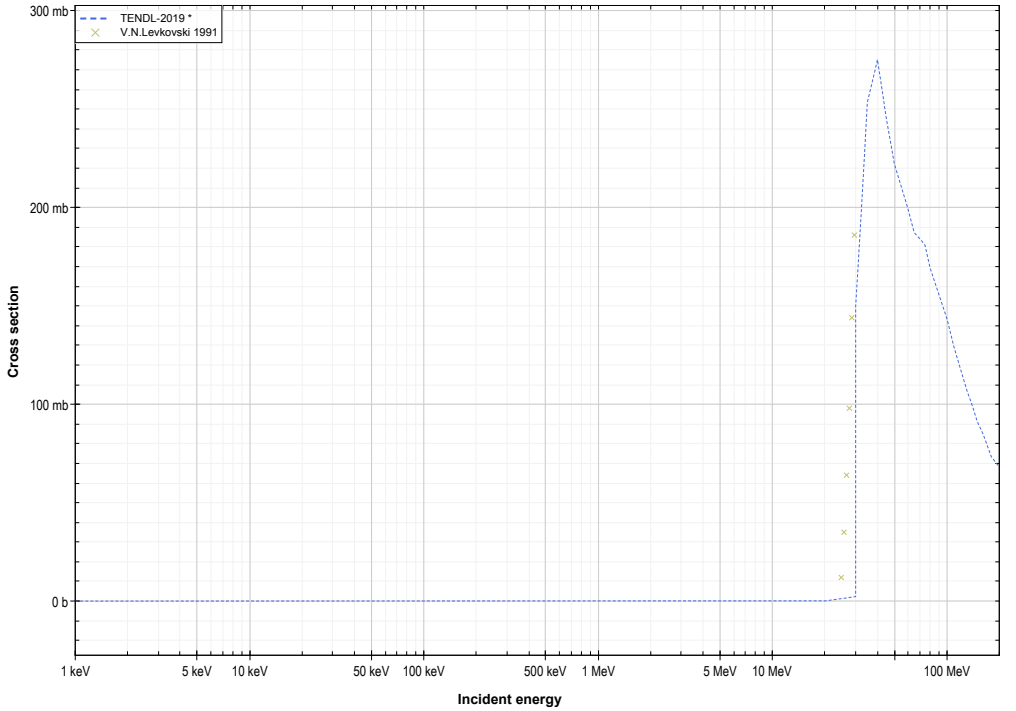
Reaction	Q-Value
Rb85(p,d)Rb84	-8255.08 keV
Rb85(p,n+p)Rb84	-10479.65 keV

<< 35-Br-79	**37-Rb-85**	39-Y-89 >>
<< MT104 (p,d)	**MT105 (p,t) or MT5 (Rb83 production)**	MT152 (p,5n) >>

Rb85 (p,t) or Rb83 production log-log



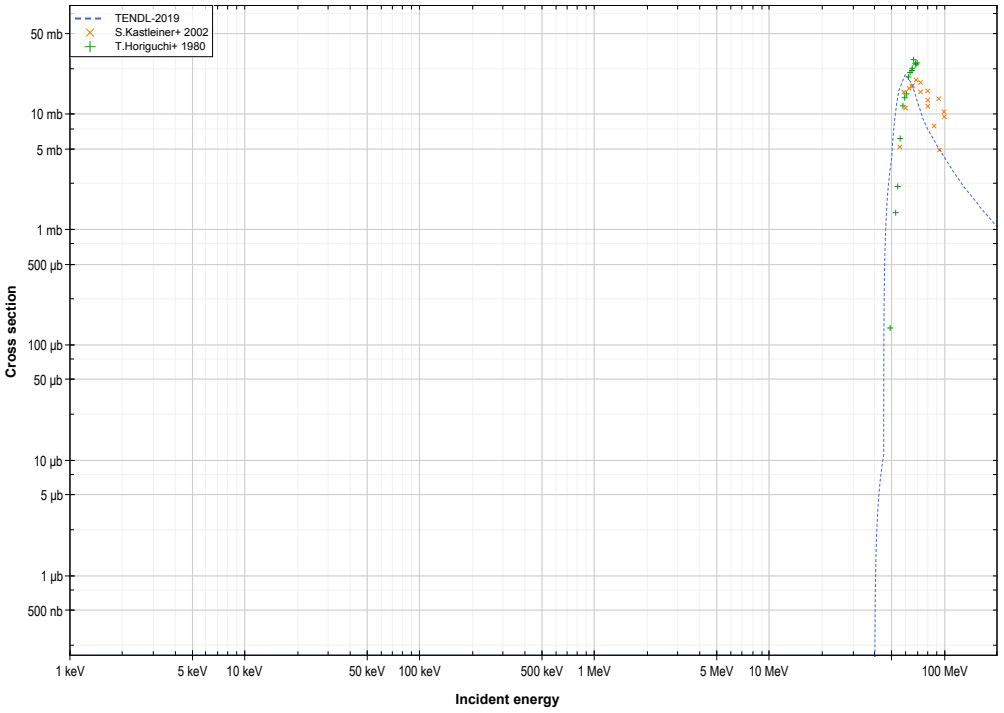
Rb85 (p,t) or Rb83 production lin-log



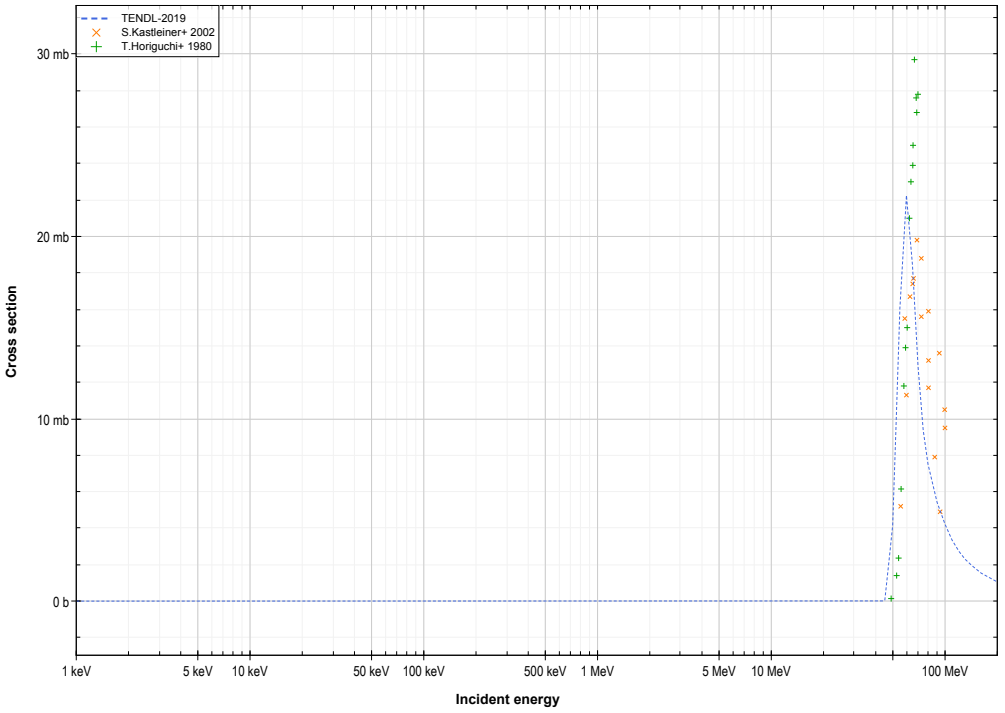
Reaction	Q-Value
Rb85(p,t)Rb83	-10757.57 keV
Rb85(p,n+d)Rb83	-17014.80 keV
Rb85(p,2n+p)Rb83	-19239.37 keV

<< 35-Br-81	**37-Rb-85**	38-Sr-88 >>
<< MT105 (p,t)	**MT152 (p,5n) or MT5 (Sr81 production)**	37-Rb-87 MT4 (p,n) >>

Rb85 (p,5n) or Sr81 production log-log



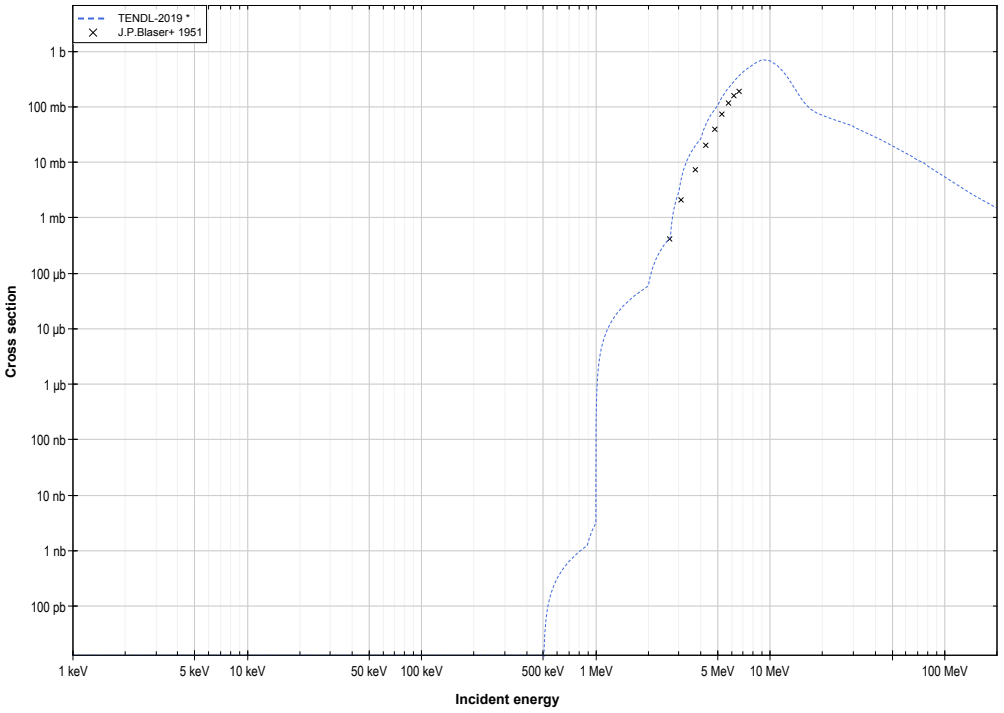
Rb85 (p,5n) or Sr81 production lin-log



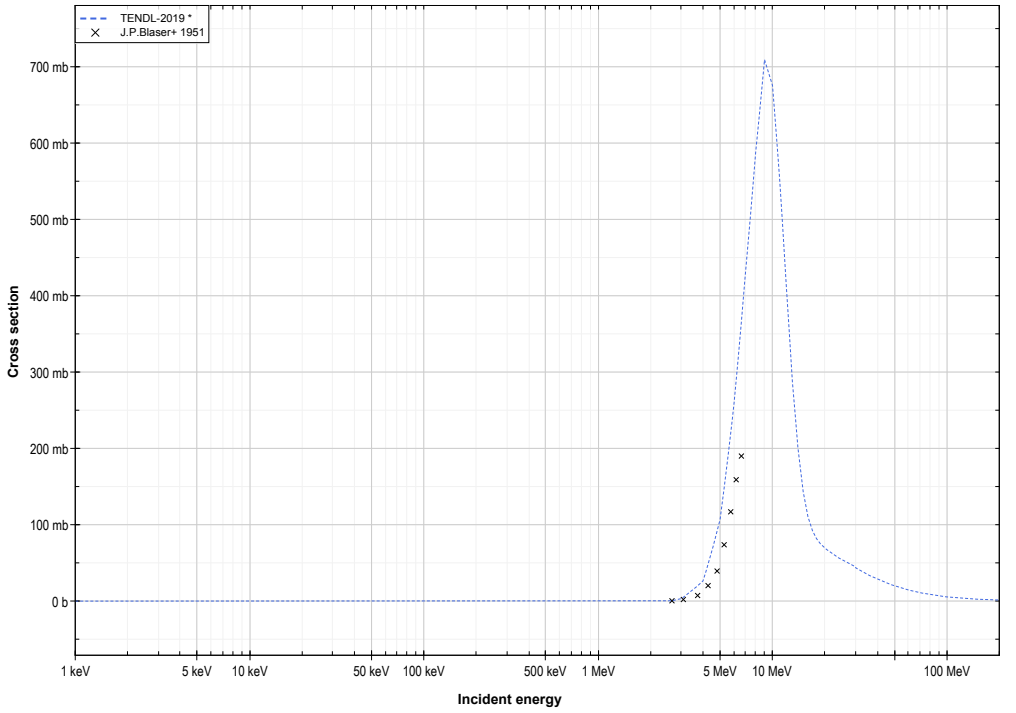
Reaction	Q-Value
Rb85(p,5n)Sr81	-43706.95 keV

<< 37-Rb-85	**37-Rb-87**	38-Sr-86 >>
<< 37-Rb-85 MT152 (p,5n)	**MT4 (p,n) or MT5 (Sr87 production)**	MT28 (p,n+p) >>

Rb87 (p,n) or Sr87 production log-log



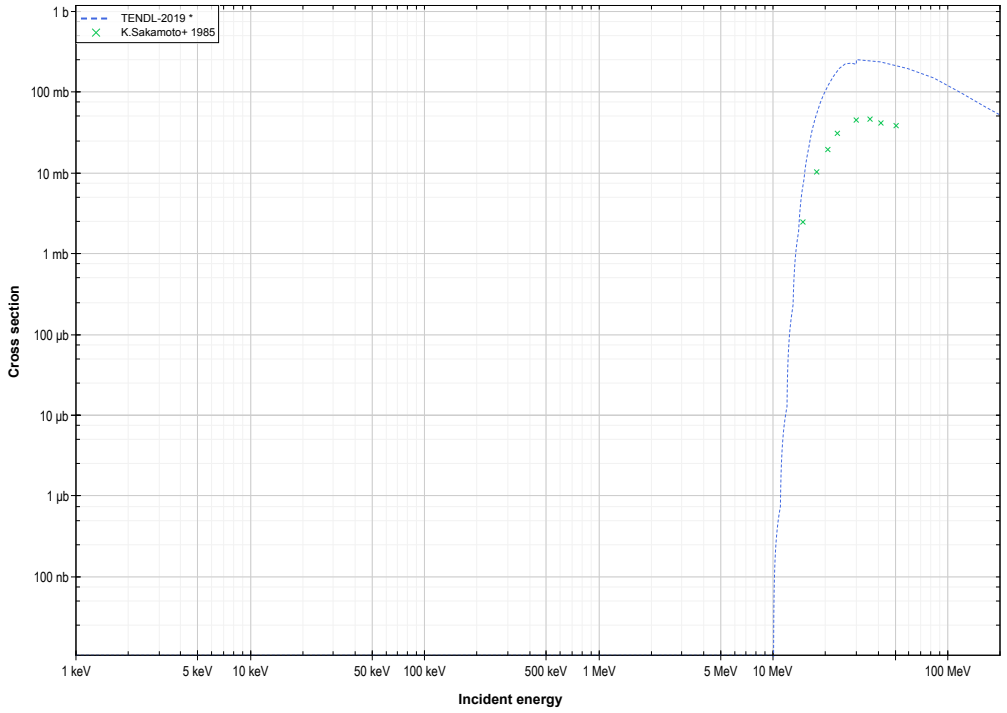
Rb87 (p,n) or Sr87 production lin-log



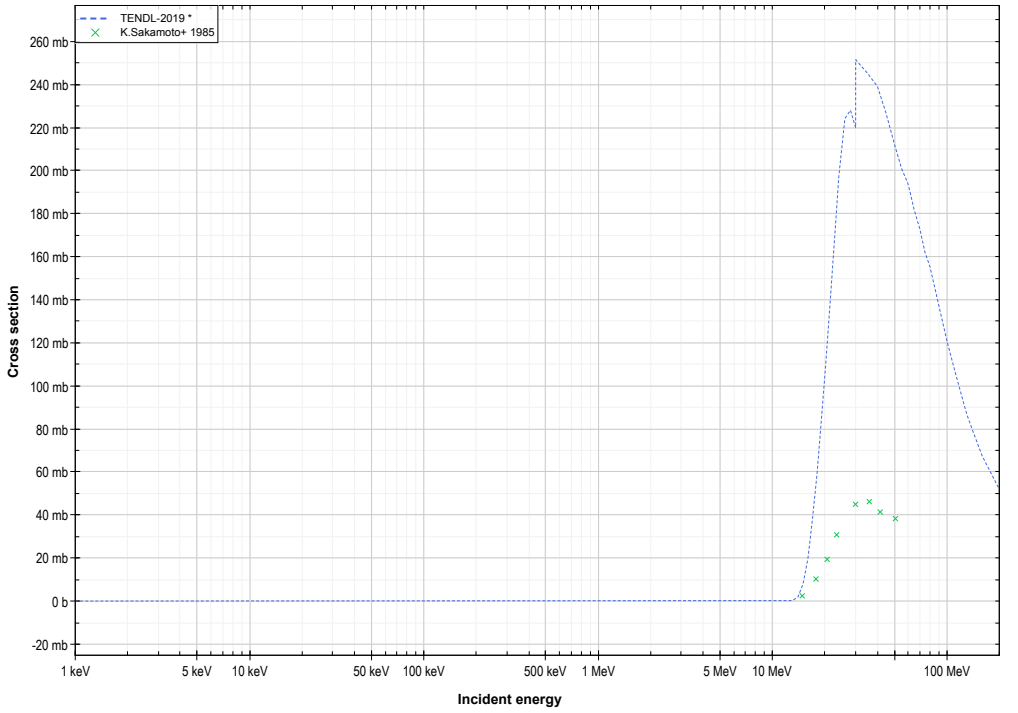
Reaction	Q-Value
Rb87(p,n)Sr87	-500.07 keV

<< 37-Rb-85	**37-Rb-87**	38-Sr-86 >>
<< MT4 (p,n)	**MT28 (p,n+p) or MT5 (Rb86 production)**	MT104 (p,d) >>

Rb87 (p,n+p) or Rb86 production log-log



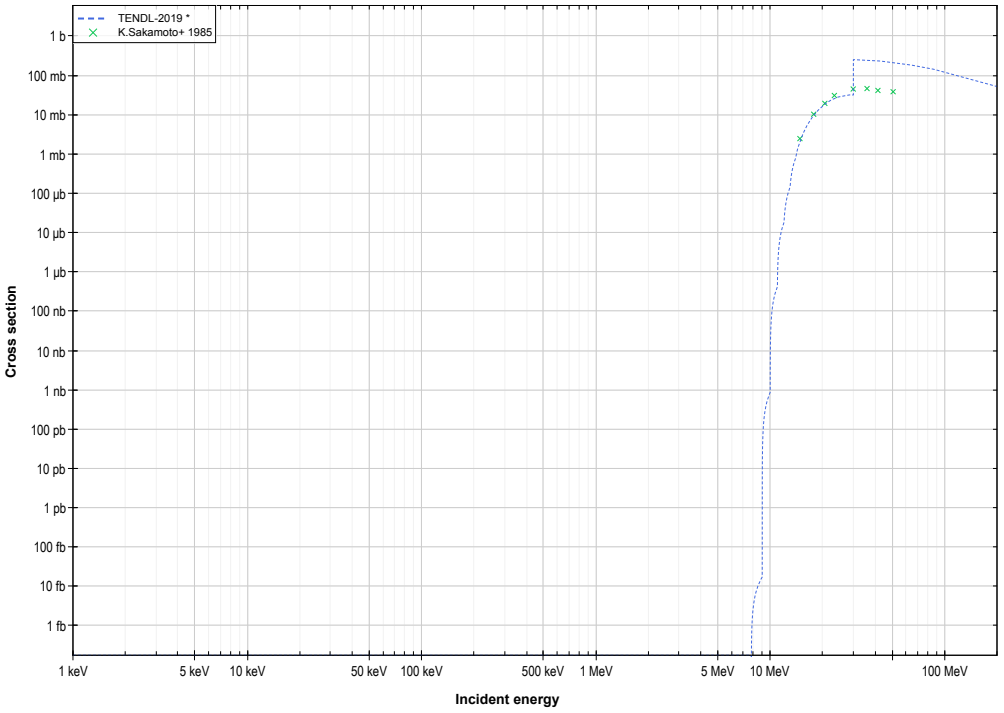
Rb87 (p,n+p) or Rb86 production lin-log



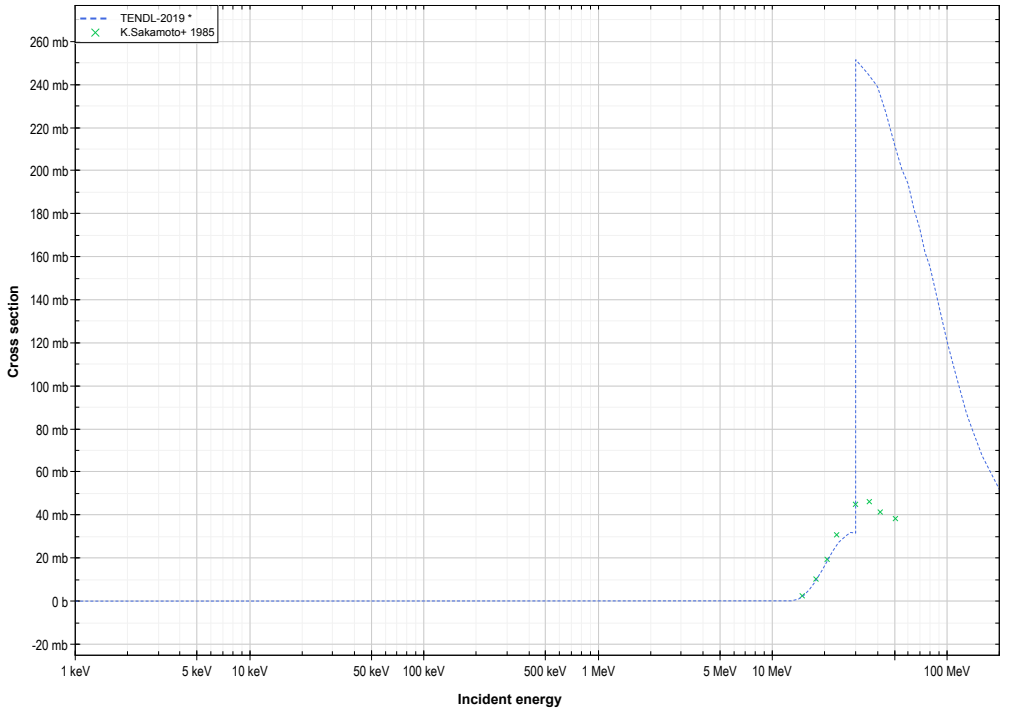
Reaction	Q-Value
Rb87(p,d)Rb86	-7697.55 keV
Rb87(p,n+p)Rb86	-9922.12 keV

<< 37-Rb-85	**37-Rb-87**	38-Sr-86 >>
<< MT28 (p,n+p)	**MT104 (p,d) or MT5 (Rb86 production)**	38-Sr-84 MT102 (p,γ) >>

Rb87 (p,d) or Rb86 production log-log



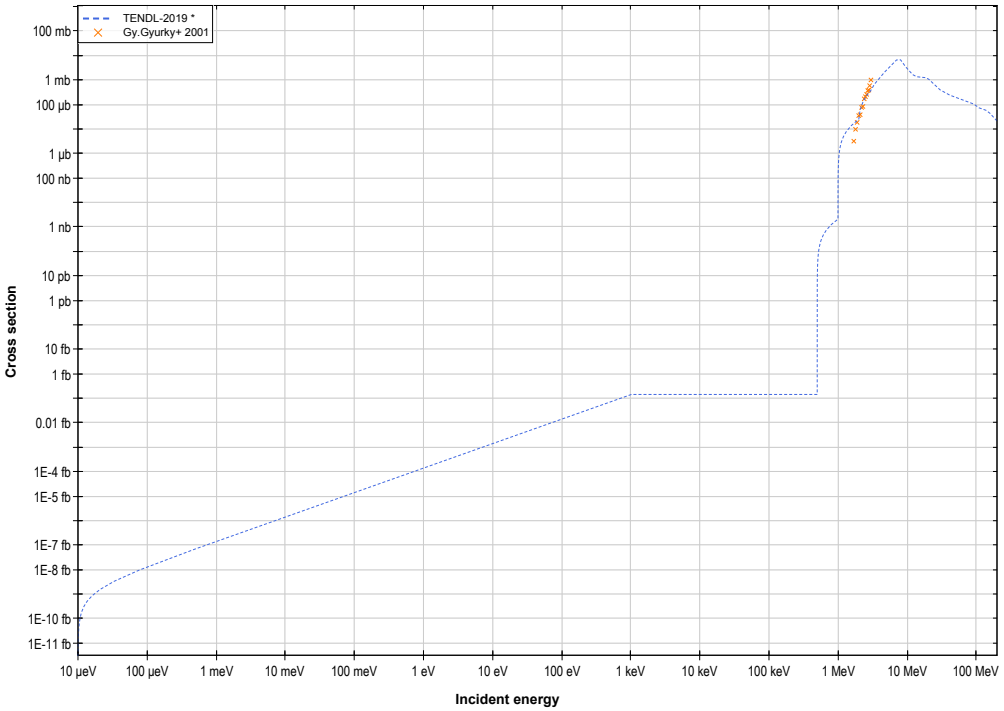
Rb87 (p,d) or Rb86 production lin-log



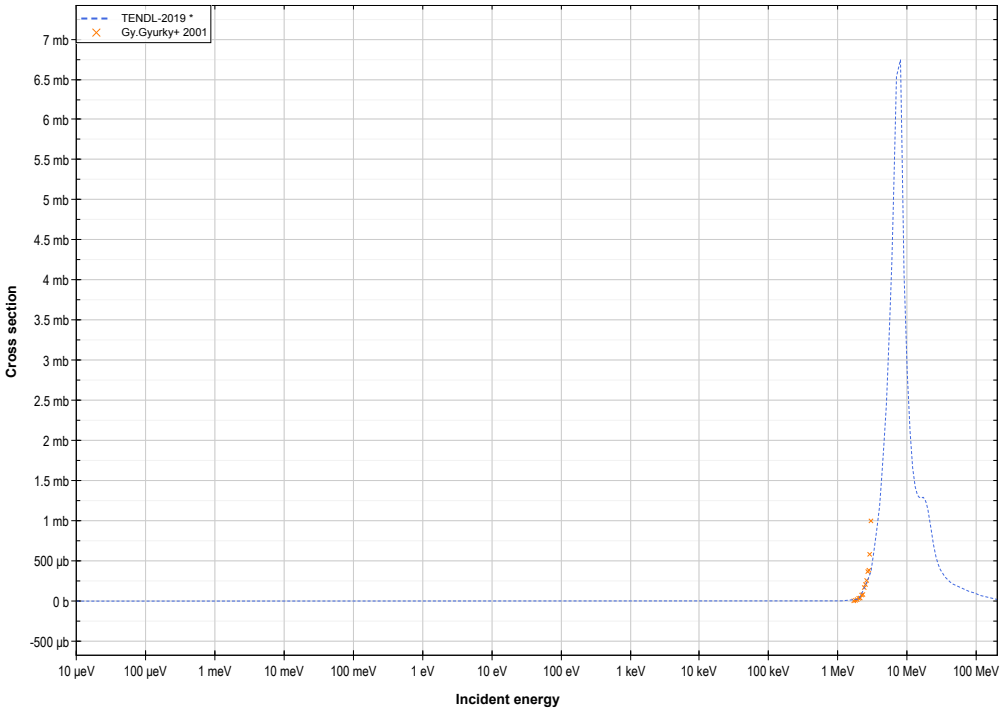
Reaction	Q-Value
Rb87(p,d)Rb86	-7697.55 keV
Rb87(p,n+p)Rb86	-9922.12 keV

<< 34-Se-82	**38-Sr-84**	38-Sr-86 >>
<< 37-Rb-87 MT104 (p,d)	**MT102 (p,γ) or MT5 (Y85 production)**	38-Sr-86 MT4 (p,n) >>

Sr84 (p,γ) or Y85 production log-log



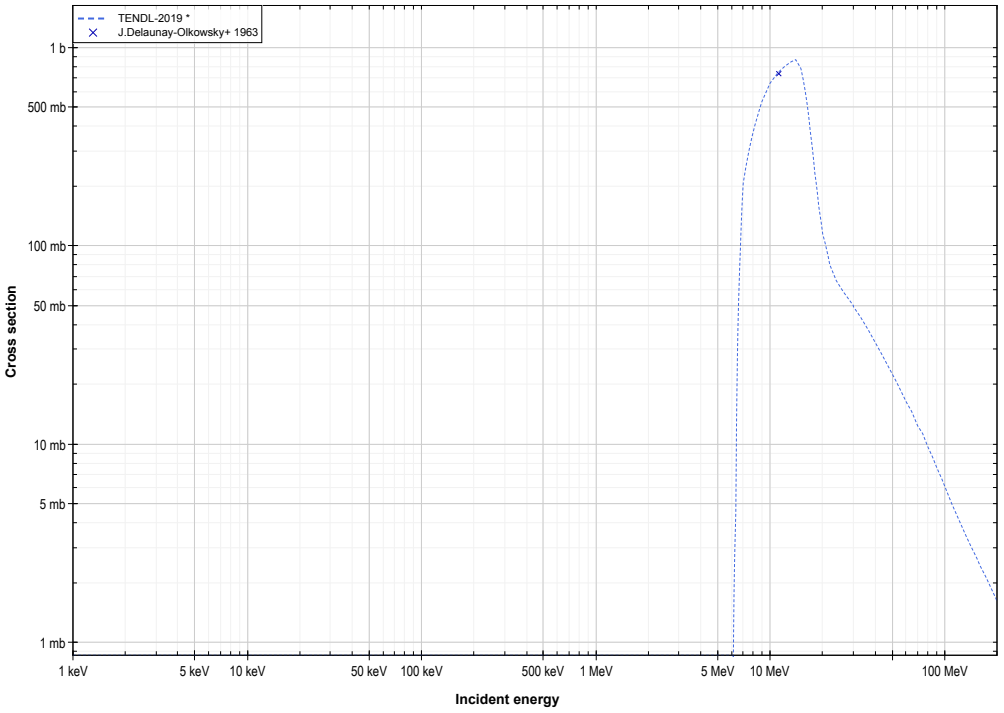
Sr84 (p,γ) or Y85 production lin-log



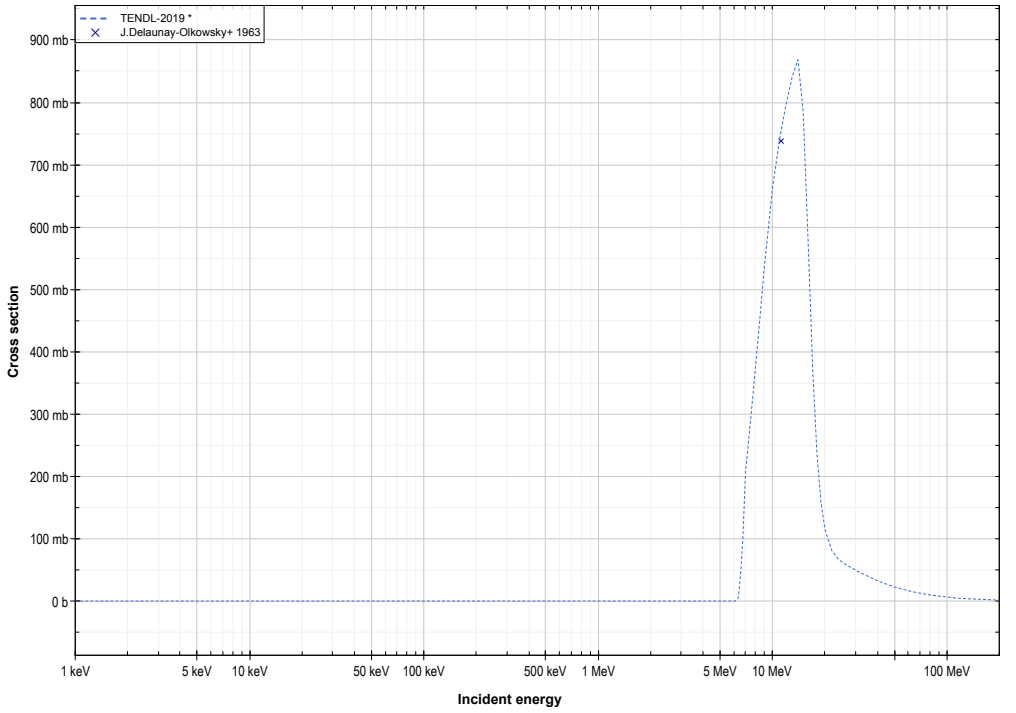
Reaction	Q-Value
Sr84(p,γ)Y85	4481.37 keV

<< 37-Rb-87	**38-Sr-86**	38-Sr-87 >>
<< 38-Sr-84 MT102 (p,γ)	**MT4 (p,n) or MT5 (Y86 production)**	MT16 (p,2n) >>

Sr86 (p,n) or Y86 production log-log



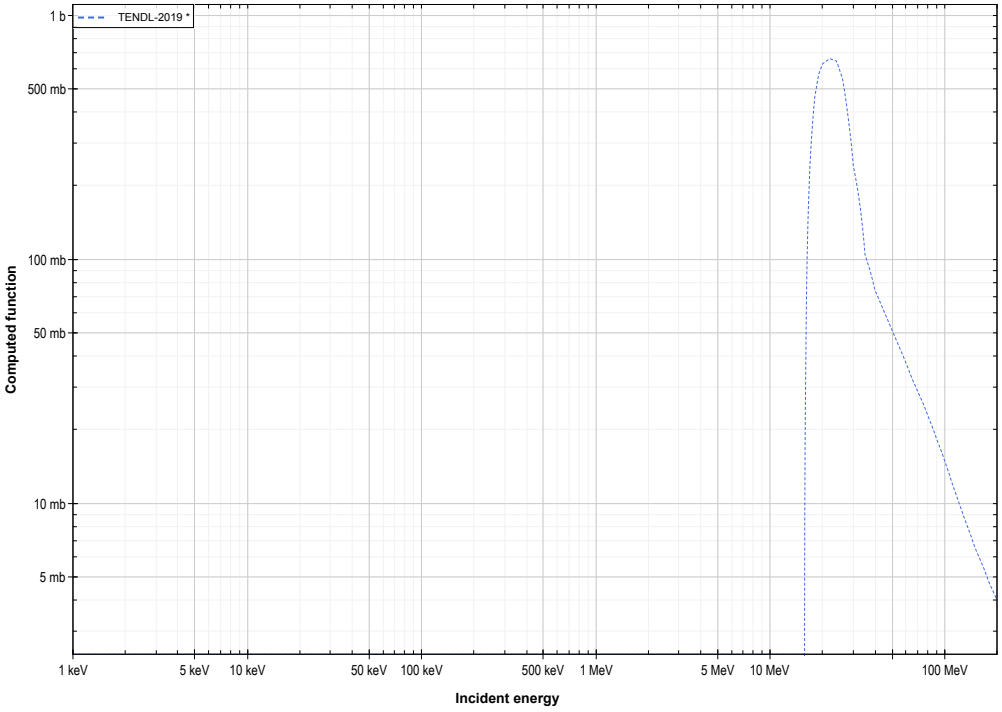
Sr86 (p,n) or Y86 production lin-log



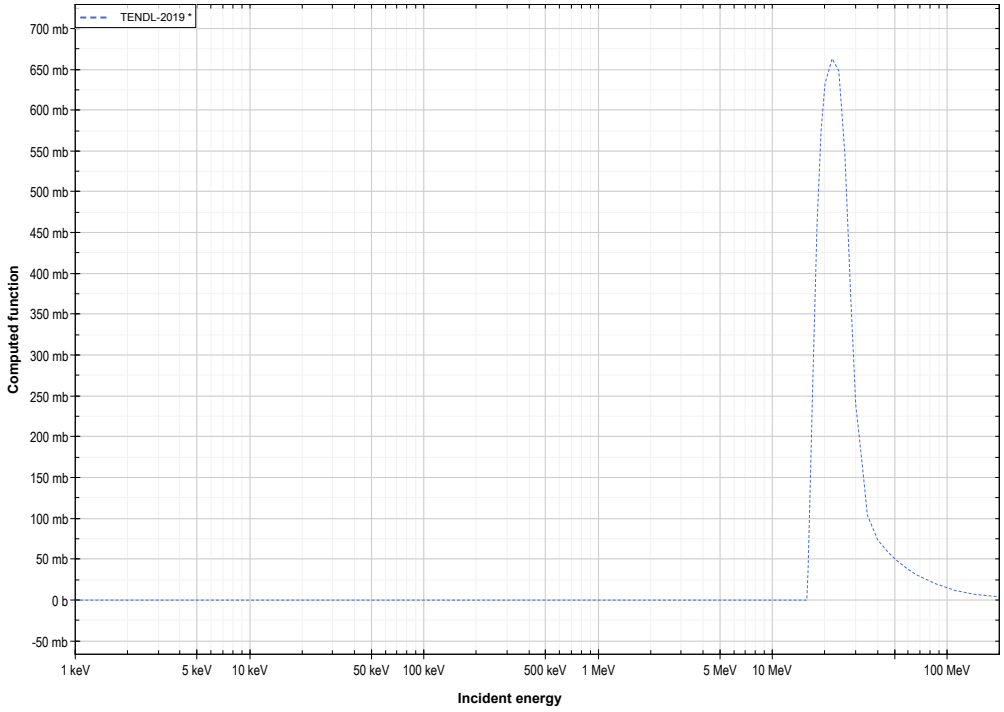
Reaction	Q-Value
Sr86(p,n)Y86	-6022.44 keV

<< 36-Kr-84	**38-Sr-86**	38-Sr-87 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Y85 production)**	MT28 (p,n+p) >>

Sr86 (p,2n) or Y85 production log-log



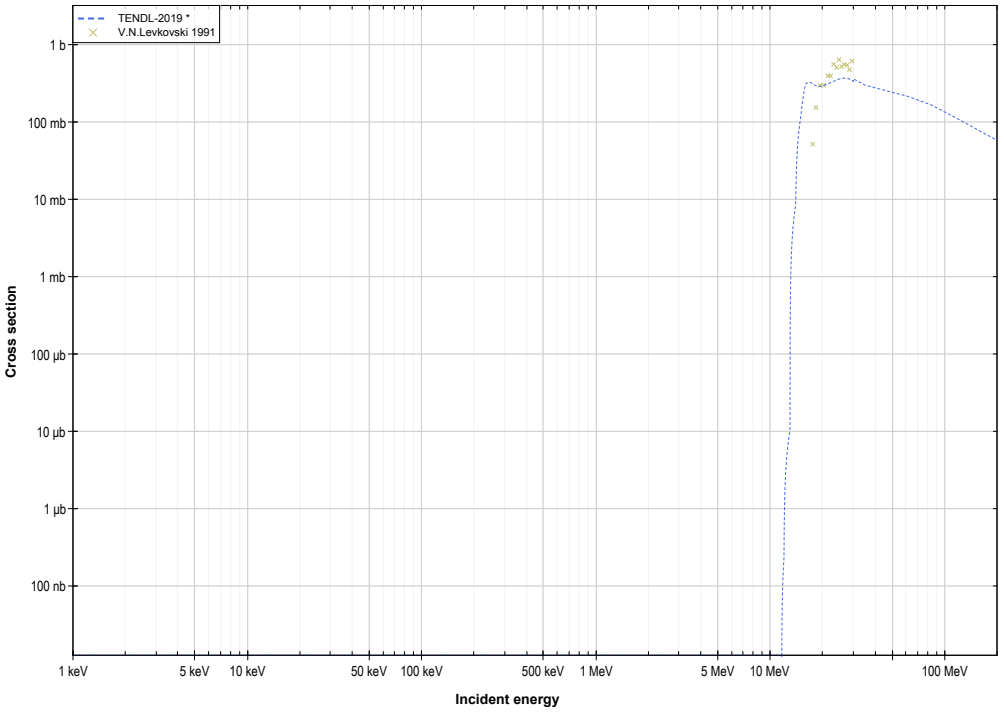
Sr86 (p,2n) or Y85 production lin-log



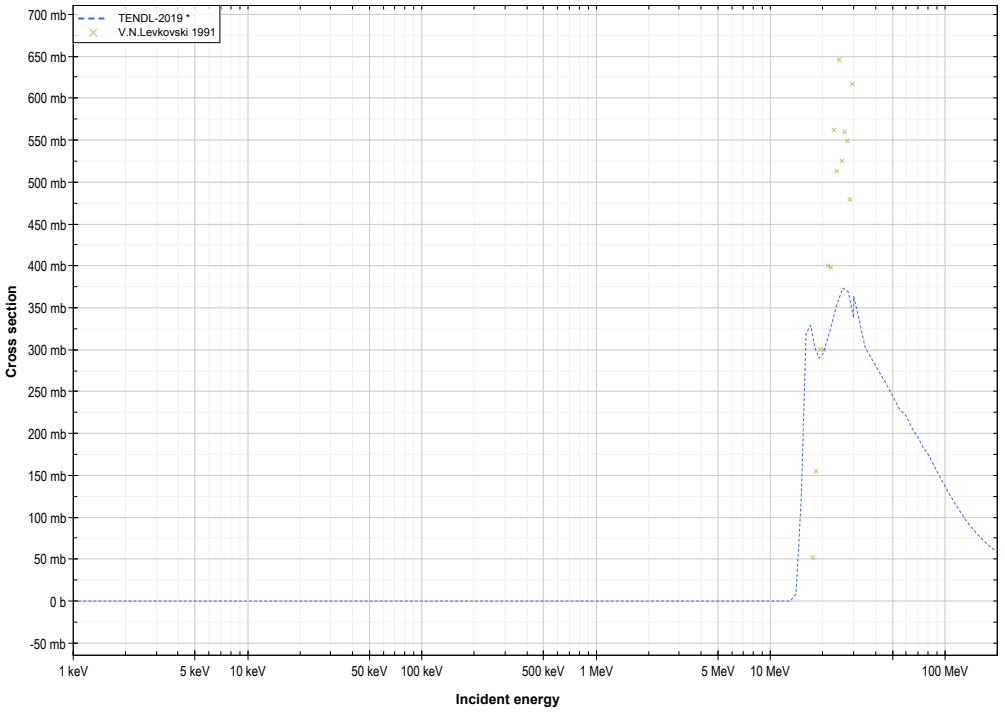
Reaction	Q-Value
Sr86(p,2n)Y85	-15534.75 keV

<< 37-Rb-87	**38-Sr-86**	39-Y-89 >>
<< MT16 (p,2n)	**MT28 (p,n+p) or MT5 (Sr85 production)**	MT102 (p,γ) >>

Sr86 (p,n+p) or Sr85 production log-log



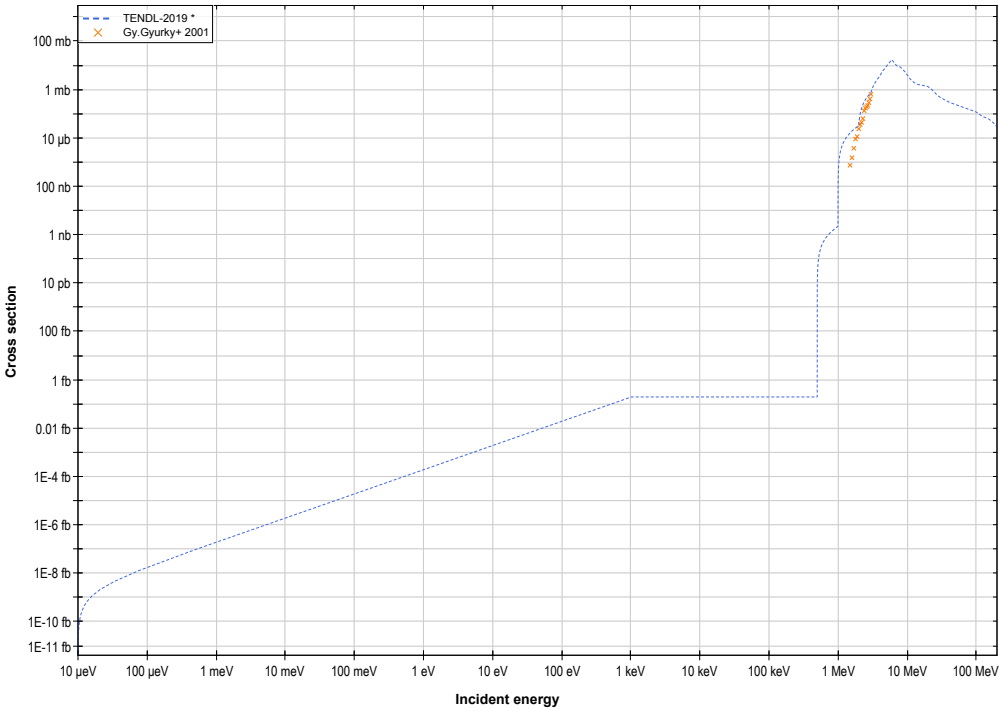
Sr86 (p,n+p) or Sr85 production lin-log



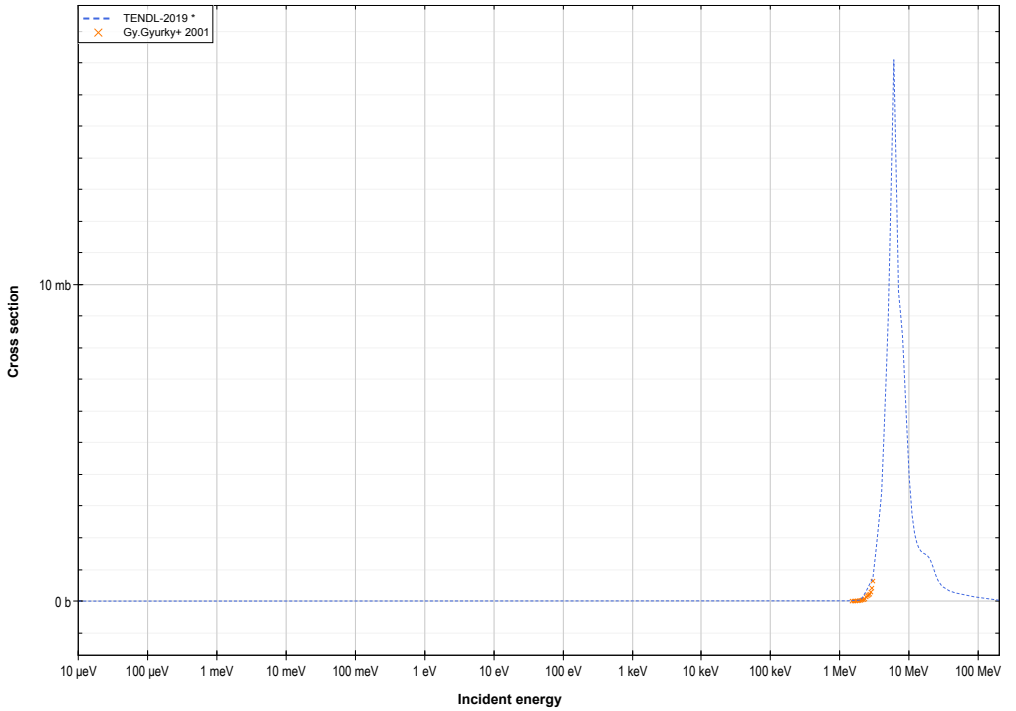
Reaction	Q-Value
Sr86(p,d)Sr85	-9266.54 keV
Sr86(p,n+p)Sr85	-11491.11 keV

<< 38-Sr-84	**38-Sr-86**	38-Sr-87 >>
<< MT28 (p,n+p)	**MT102 (p,γ) or MT5 (Y87 production)**	MT104 (p,d) >>

Sr86 (p,γ) or Y87 production log-log



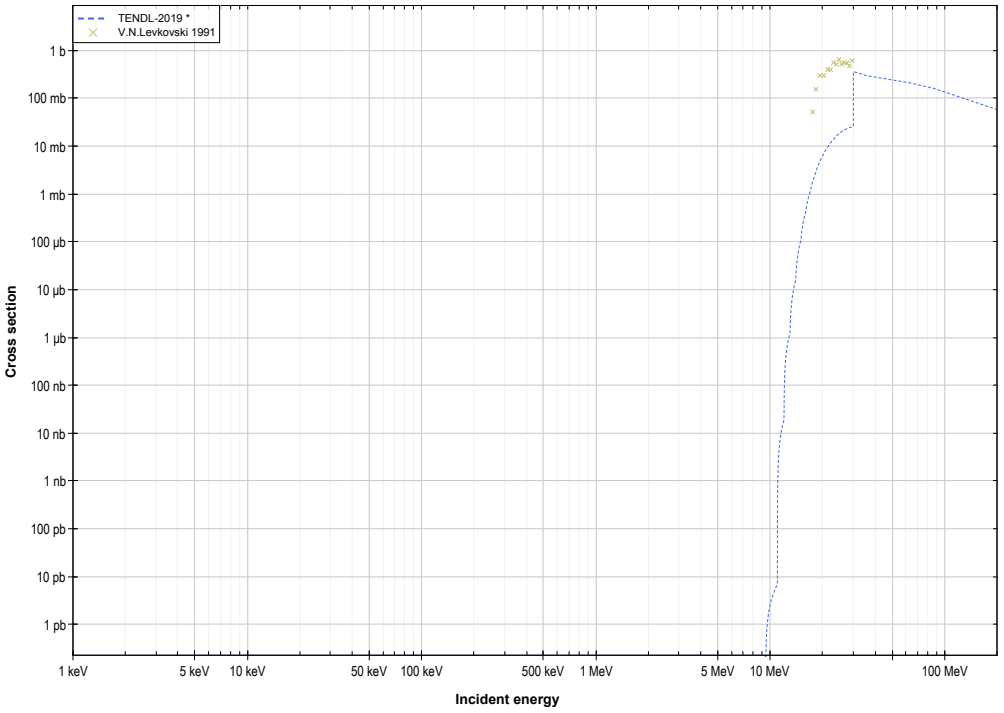
Sr86 (p,γ) or Y87 production lin-log



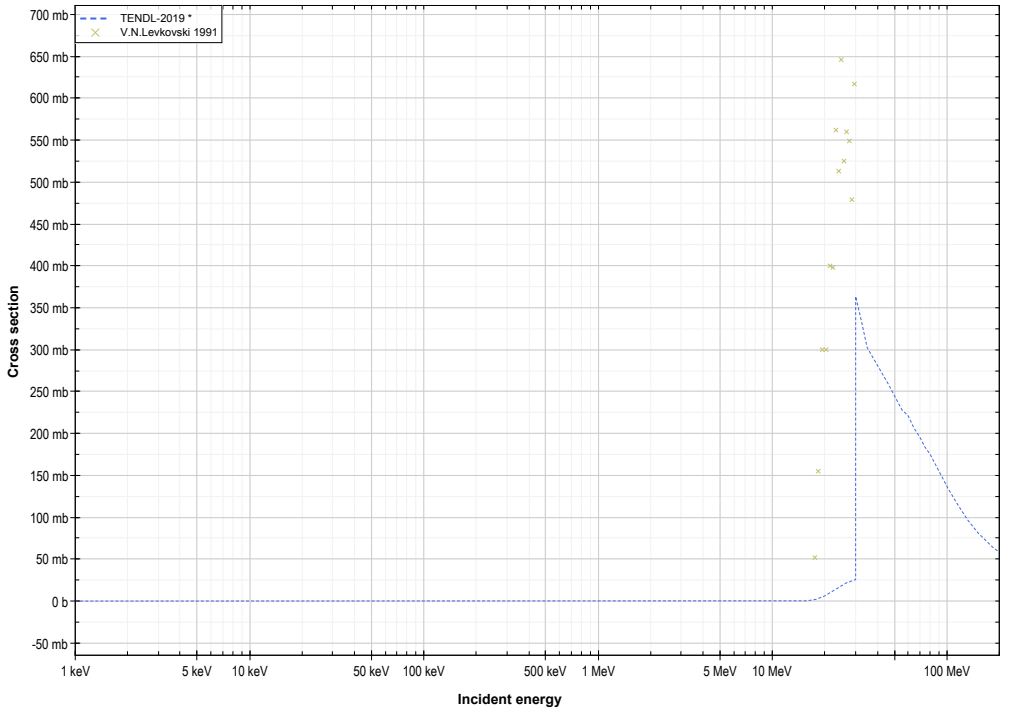
Reaction	Q-Value
Sr86(p,γ)Y87	5784.28 keV

<< 37-Rb-87	**38-Sr-86**	39-Y-89 >>
<< MT102 (p,γ)	**MT104 (p,d) or MT5 (Sr85 production)**	MT107 (p,α) >>

Sr86 (p,d) or Sr85 production log-log



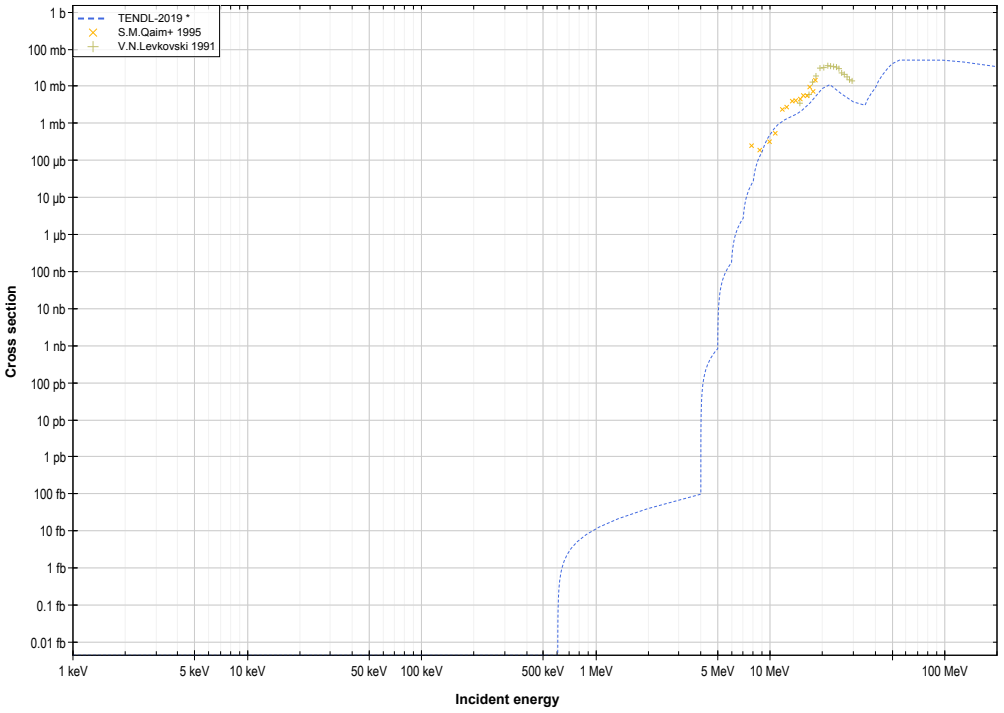
Sr86 (p,d) or Sr85 production lin-log



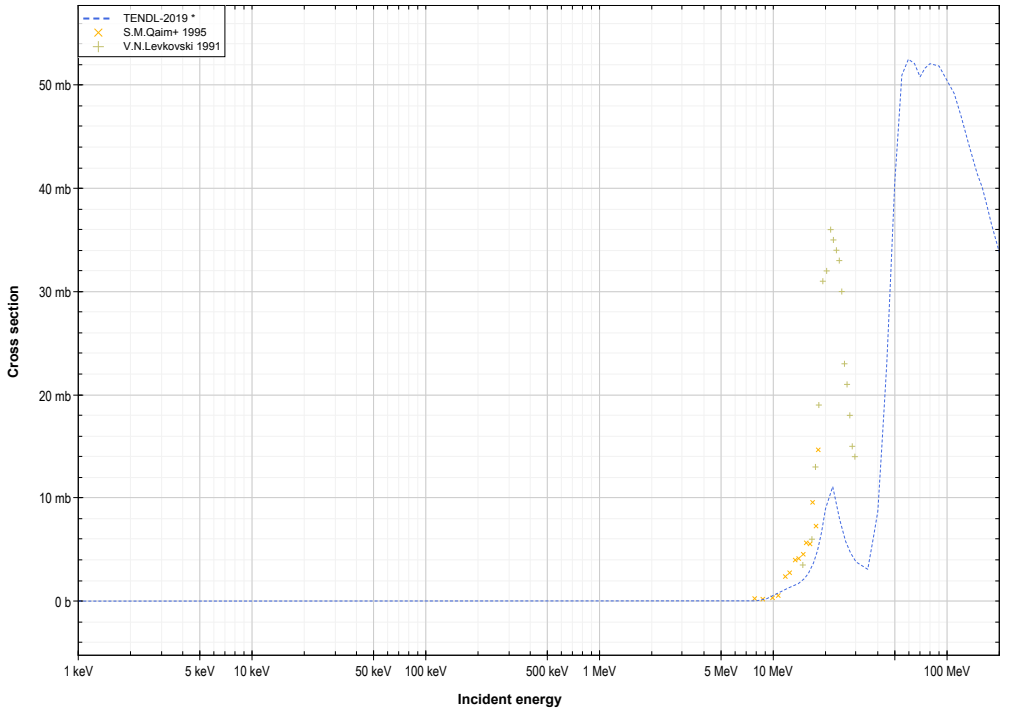
Reaction	Q-Value
Sr86(p,d)Sr85	-9266.54 keV
Sr86(p,n+p)Sr85	-11491.11 keV

<< 36-Kr-80	**38-Sr-86**	38-Sr-87 >>
<< MT104 (p,d)	**MT107 (p,α) or MT5 (Rb83 production)**	38-Sr-87 MT4 (p,n) >>

Sr86 (p,α) or Rb83 production log-log



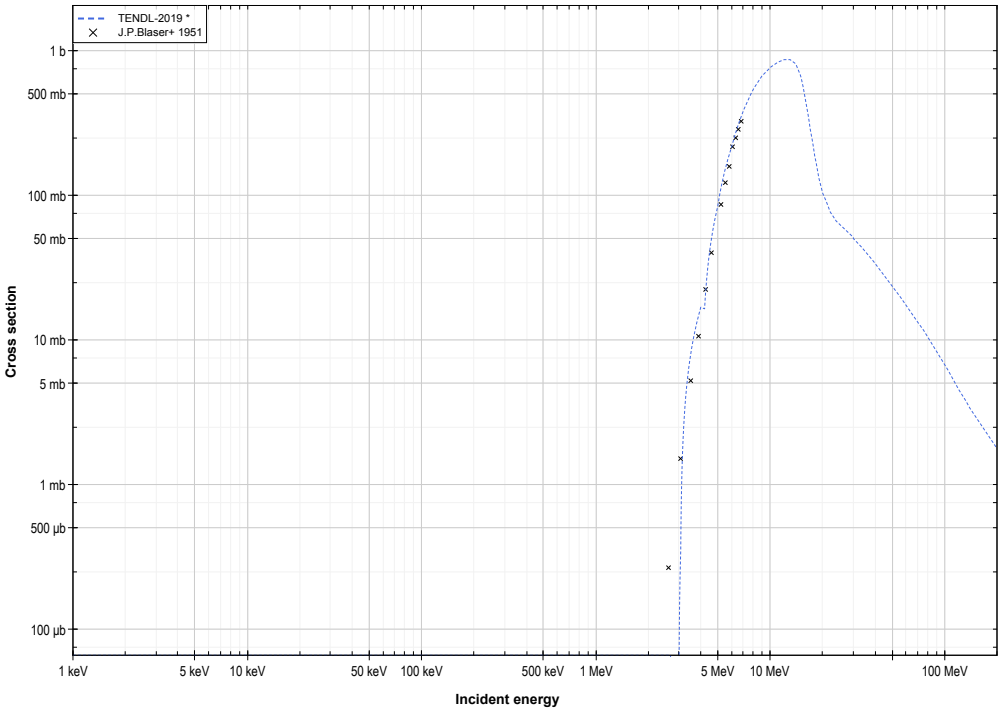
Sr86 (p,α) or Rb83 production lin-log



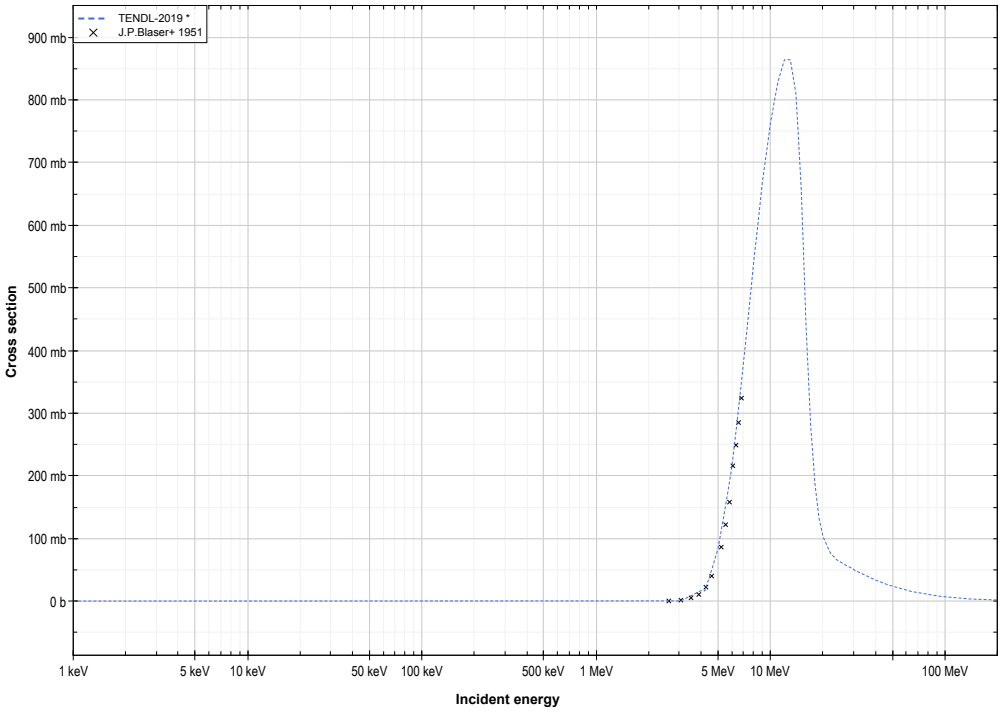
Reaction	Q-Value
Sr86(p,α)Rb83	-588.43 keV
Sr86(p,p+t)Rb83	-20402.30 keV
Sr86(p,n+He3)Rb83	-21166.05 keV
Sr86(p,2d)Rb83	-24434.96 keV
Sr86(p,n+p+d)Rb83	-26659.53 keV
Sr86(p,2n+2p)Rb83	-28884.09 keV

<< 38-Sr-86	**38-Sr-87**	38-Sr-88 >>
<< 38-Sr-86 MT107 (p,α)	**MT4 (p,n) or MT5 (Y87 production)**	MT16 (p,2n) >>

Sr87 (p,n) or Y87 production log-log



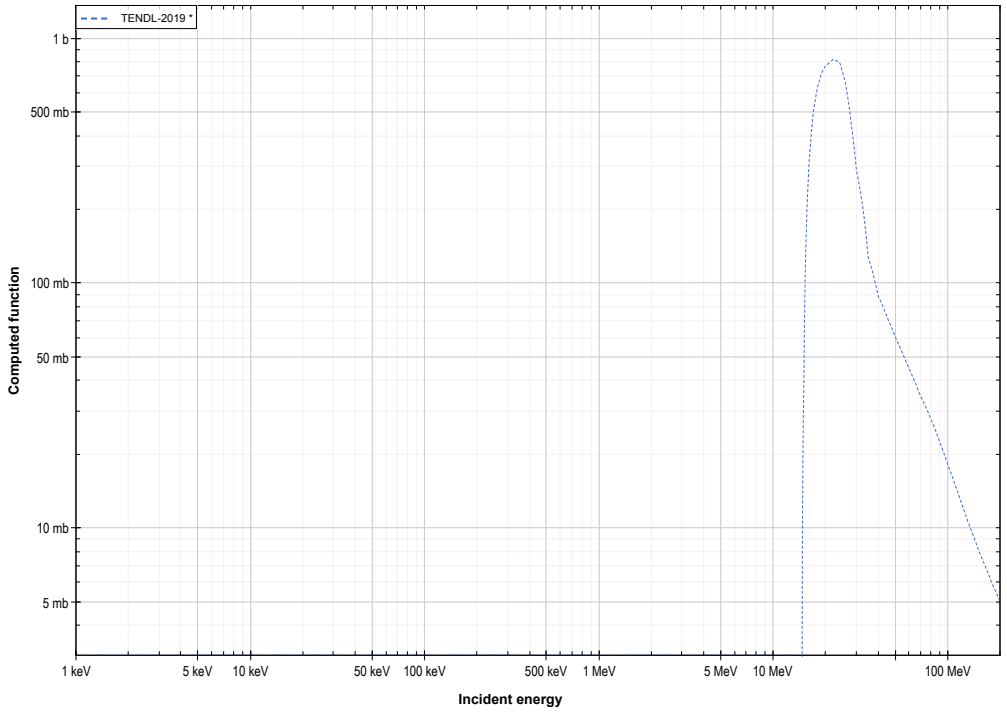
Sr87 (p,n) or Y87 production lin-log



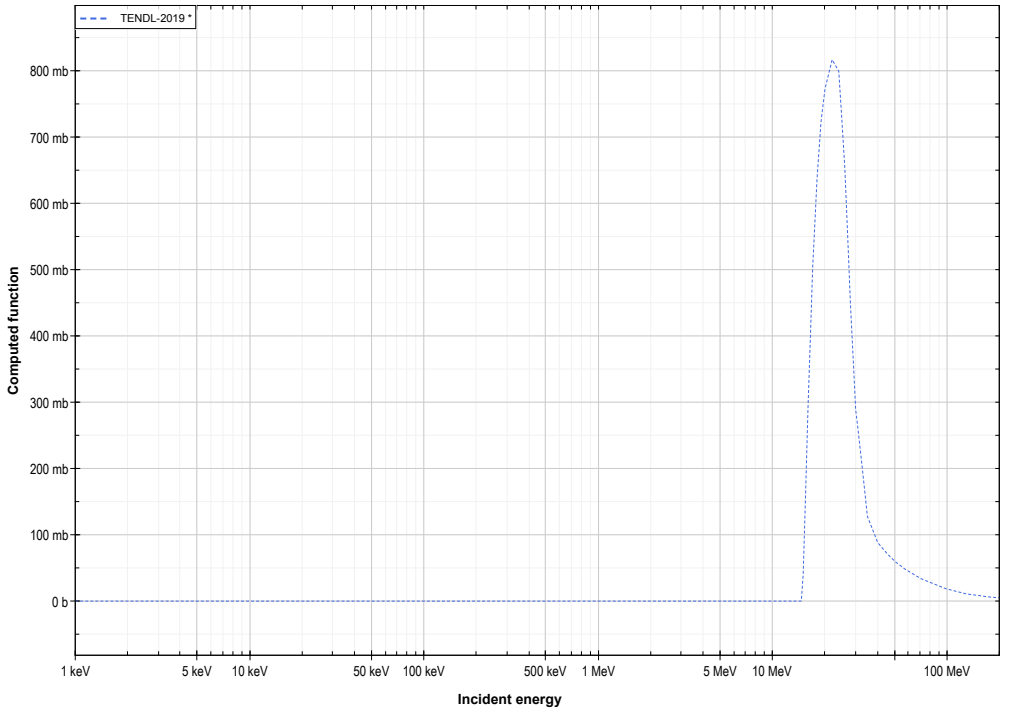
Reaction	Q-Value
Sr87(p,n)Y87	-2644.01 keV

<< 38-Sr-86	**38-Sr-87**	38-Sr-88 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Y86 production)**	MT22 (p,n+α) >>

Sr87 (p,2n) or Y86 production log-log



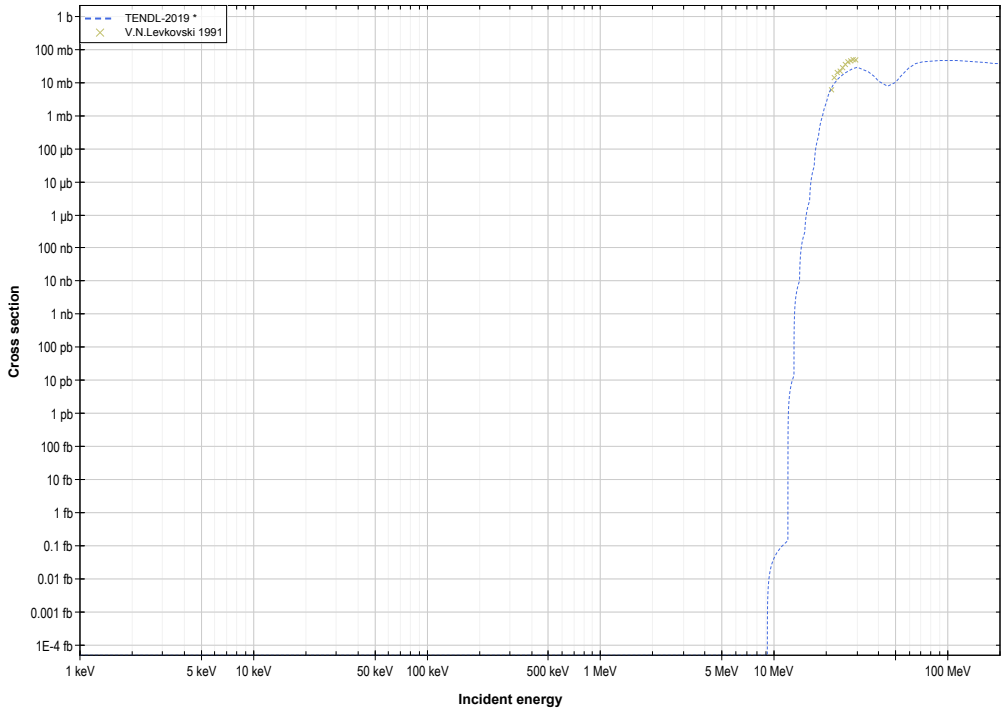
Sr87 (p,2n) or Y86 production lin-log



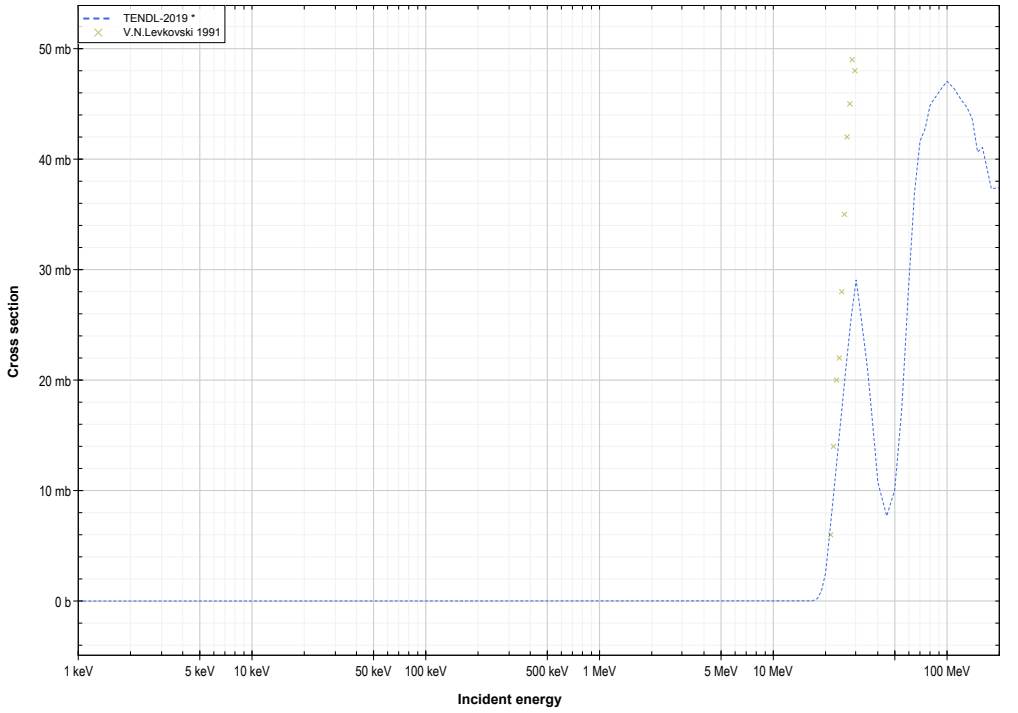
Reaction	Q-Value
Sr87(p,2n)Y86	-14450.73 keV

<< 36-Kr-80	**38-Sr-87**	38-Sr-88 >>
<< MT16 (p,2n)	**MT22 (p,n+α) or MT5 (Rb83 production)**	MT102 (p,γ) >>

Sr87 (p,n+α) or Rb83 production log-log



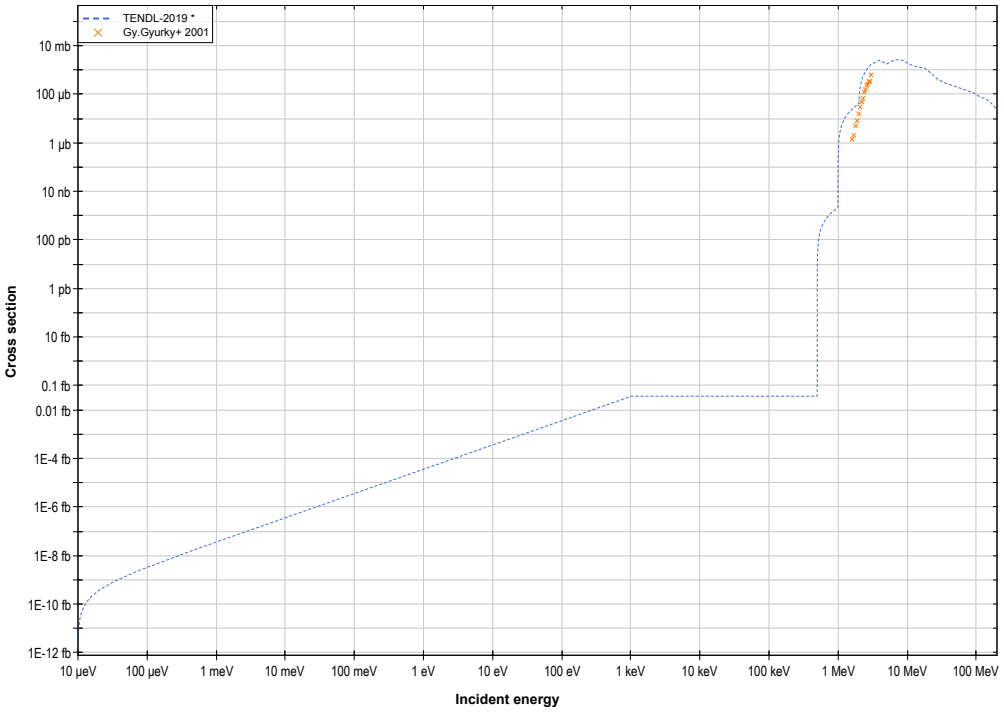
Sr87 (p,n+α) or Rb83 production lin-log



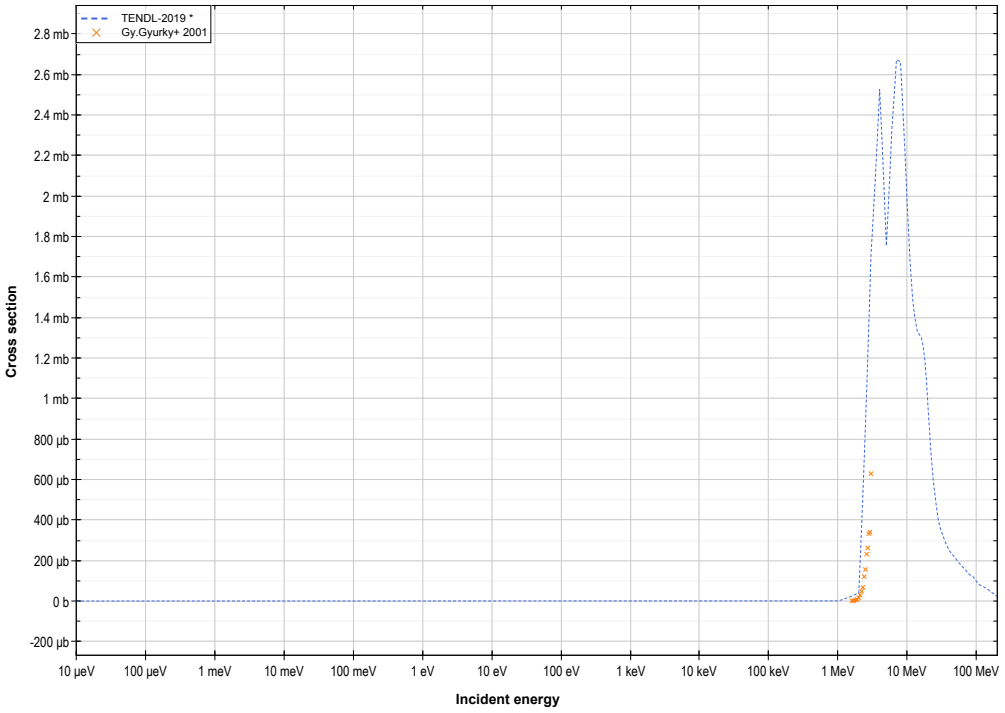
Reaction	Q-Value
Sr87(p,n+α)Rb83	-9016.73 keV
Sr87(p,d+t)Rb83	-26606.03 keV
Sr87(p,n+p+t)Rb83	-28830.59 keV
Sr87(p,2n+He3)Rb83	-29594.35 keV
Sr87(p,n+2d)Rb83	-32863.26 keV
Sr87(p,2n+p+d)Rb83	-35087.82 keV
Sr87(p,3n+2p)Rb83	-37312.39 keV

<< 38-Sr-86	**38-Sr-87**	42-Mo-92 >>
<< MT22 (p,n+α)	**MT102 (p,γ) or MT5 (Y88 production)**	MT107 (p,α) >>

Sr87 (p,γ) or Y88 production log-log



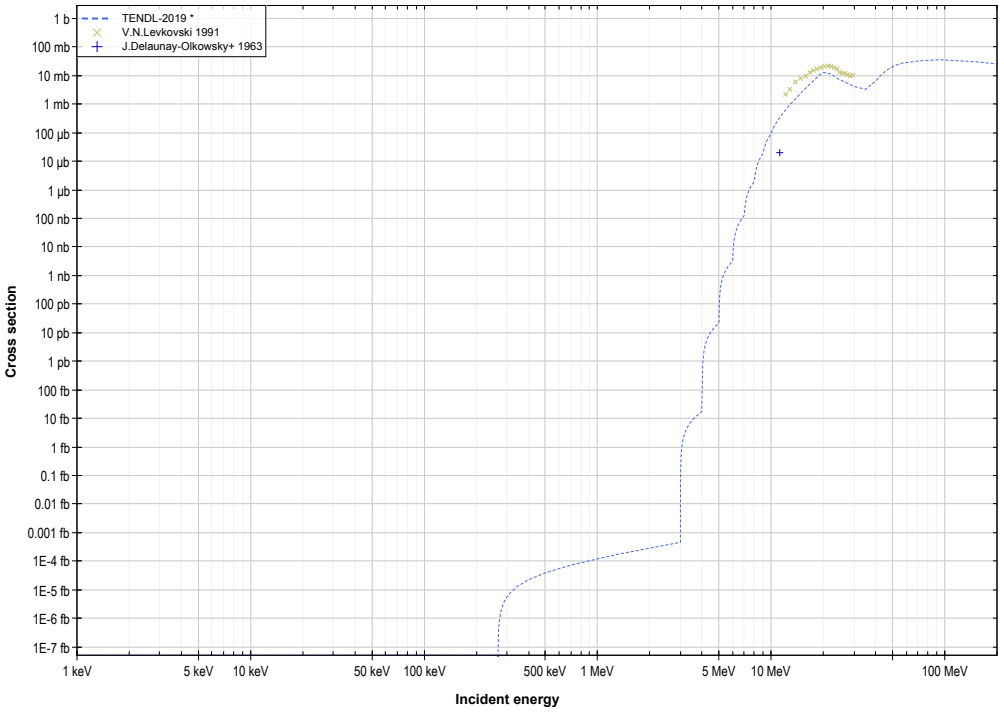
Sr87 (p,γ) or Y88 production lin-log



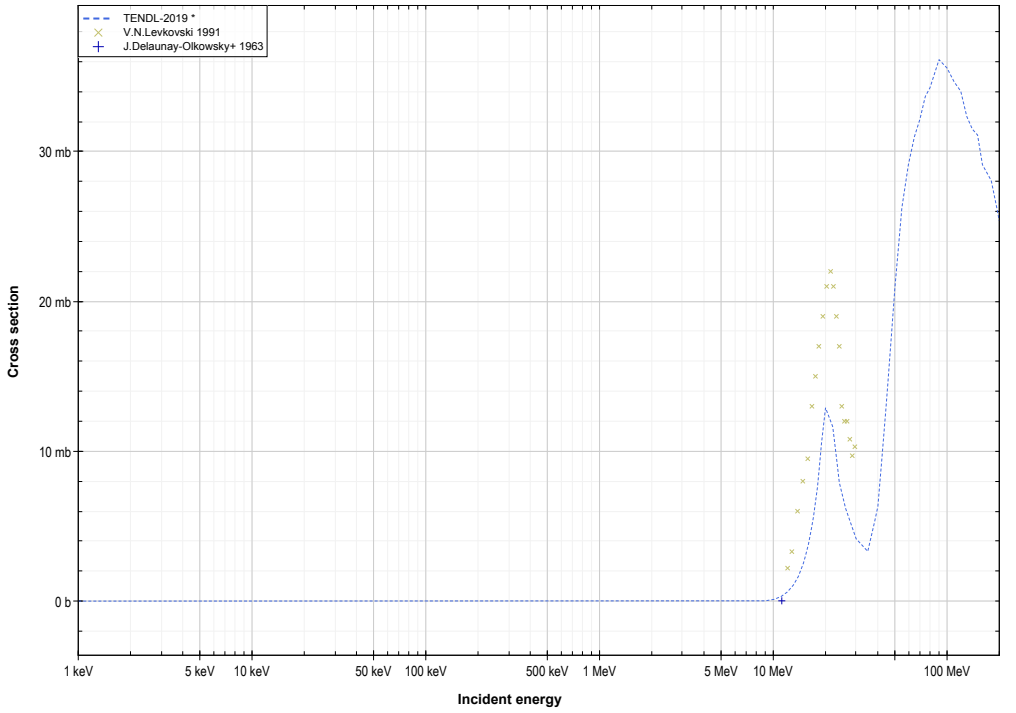
Reaction	Q-Value
Sr87(p,γ)Y88	6707.90 keV

<< 38-Sr-86	**38-Sr-87**	40-Zr-90 >>
<< MT102 (p,γ)	**MT107 (p,α) or MT5 (Rb84 production)**	MT176 (p,2n+³He) >>

Sr87 (p,α) or Rb84 production log-log



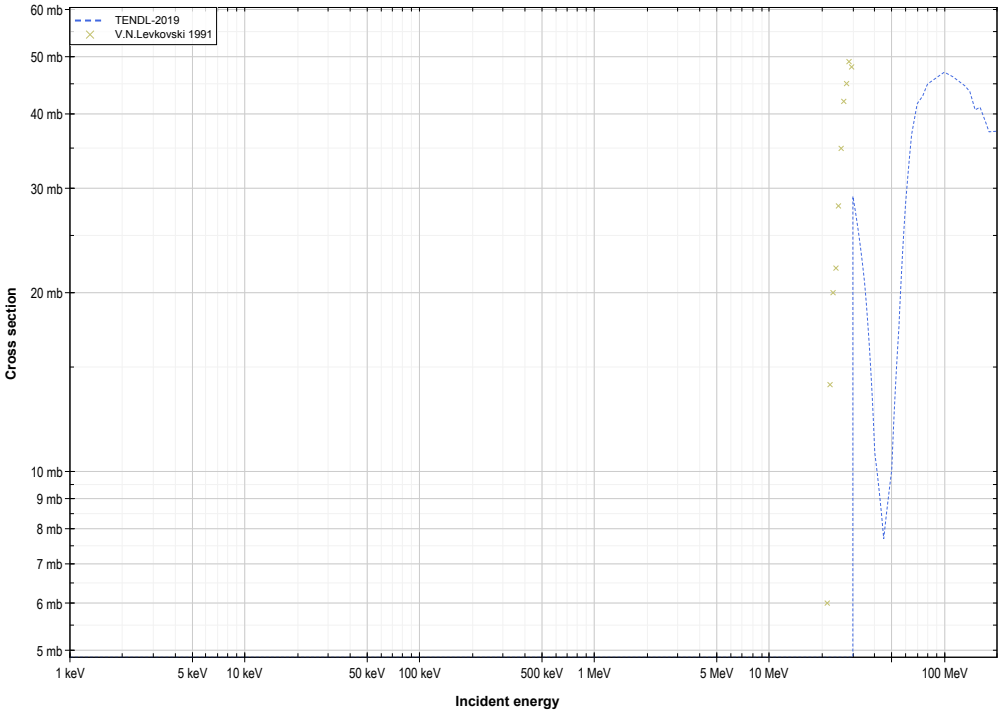
Sr87 (p,α) or Rb84 production lin-log



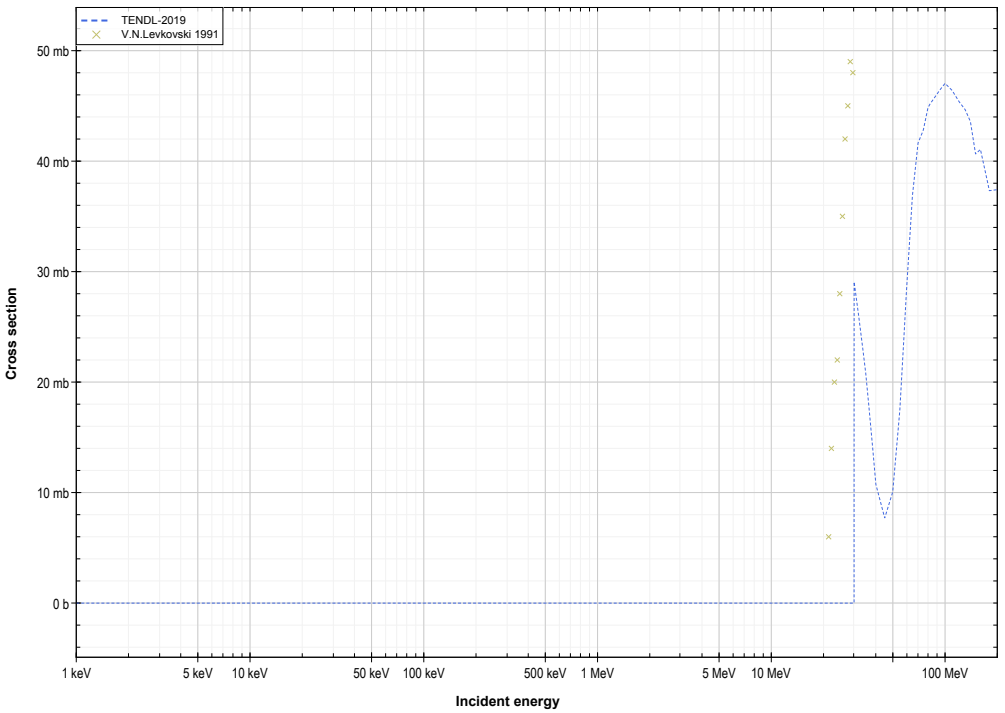
Reaction	Q-Value
Sr87(p,α)Rb84	-257.01 keV
Sr87(p,p+t)Rb84	-20070.88 keV
Sr87(p,n+He3)Rb84	-20834.63 keV
Sr87(p,2d)Rb84	-24103.54 keV
Sr87(p,n+p+d)Rb84	-26328.10 keV
Sr87(p,2n+2p)Rb84	-28552.67 keV

<< 35-Br-79	**38-Sr-87**	38-Sr-88 >>
<< MT107 (p,α)	**MT176 (p,2n+³He) or MT5 (Rb83 production)**	MT179 (p,3n+2p) >>

Sr87 (p,2n+³He) or Rb83 production log-log



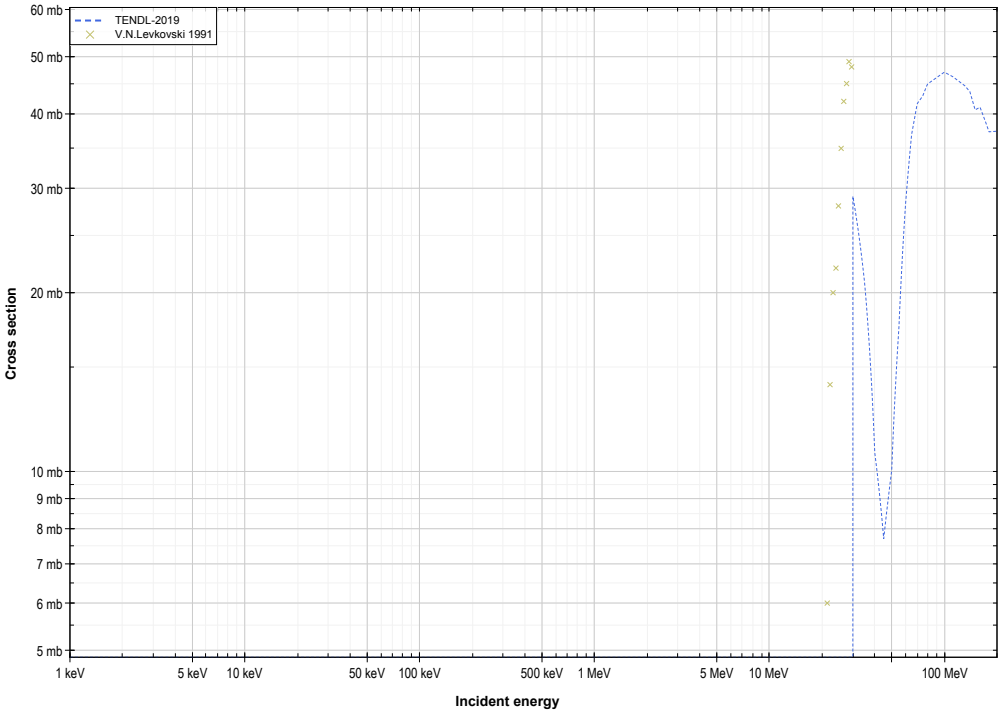
Sr87 (p,2n+³He) or Rb83 production lin-log



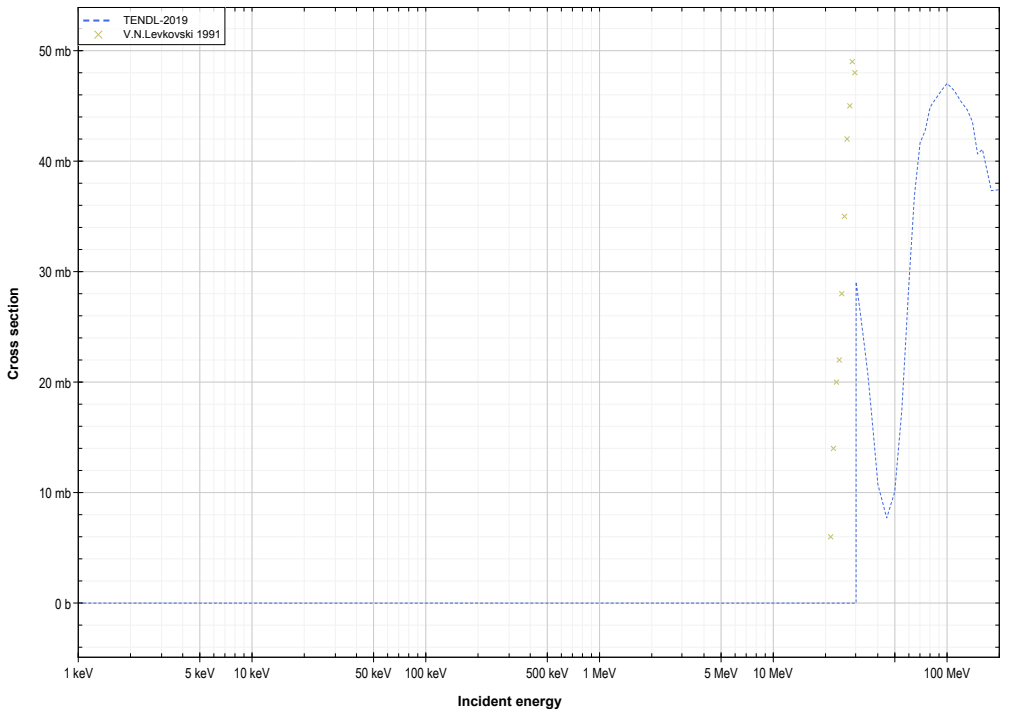
Reaction	Q-Value
Sr87(p,n+α)Rb83	-9016.73 keV
Sr87(p,d+t)Rb83	-26606.03 keV
Sr87(p,n+p+t)Rb83	-28830.59 keV
Sr87(p,2n+He3)Rb83	-29594.35 keV
Sr87(p,n+2d)Rb83	-32863.26 keV
Sr87(p,2n+p+d)Rb83	-35087.82 keV
Sr87(p,3n+2p)Rb83	-37312.39 keV

<< 35-Br-79	**38-Sr-87**	38-Sr-88 >>
<< MT176 (p,2n+^{3}He)	**MT179 (p,3n+2p) or MT5 (Rb83 production)**	MT182 (p,d+t) >>

Sr87 (p,3n+2p) or Rb83 production log-log



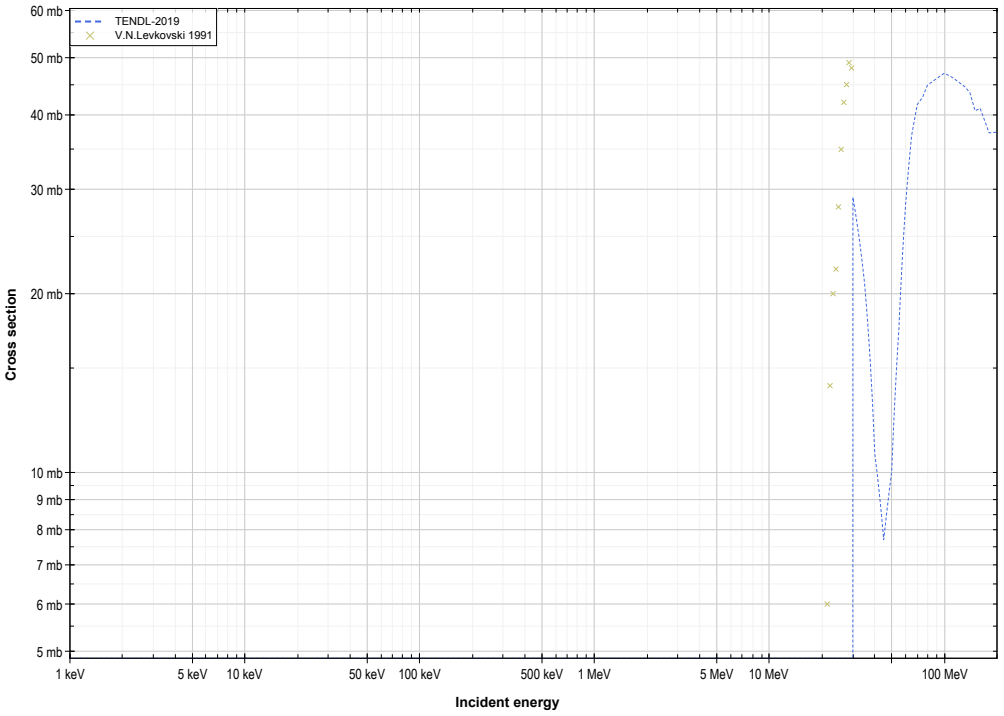
Sr87 (p,3n+2p) or Rb83 production lin-log



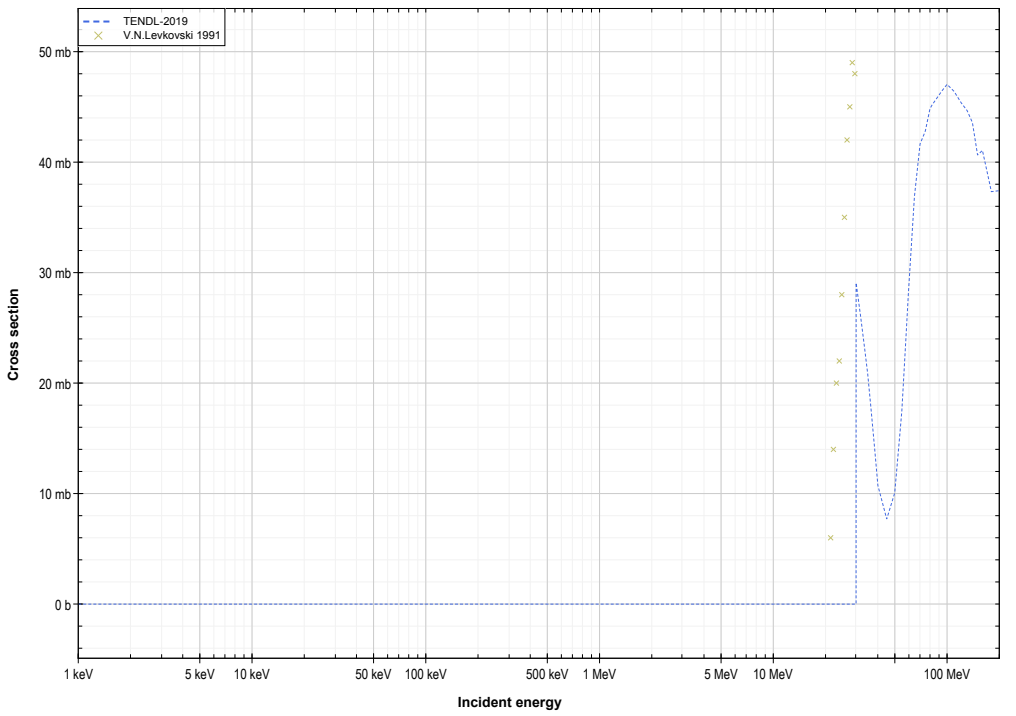
Reaction	Q-Value
Sr87(p,n+α)Rb83	-9016.73 keV
Sr87(p,d+t)Rb83	-26606.03 keV
Sr87(p,n+p+t)Rb83	-28830.59 keV
Sr87(p,2n+He3)Rb83	-29594.35 keV
Sr87(p,n+2d)Rb83	-32863.26 keV
Sr87(p,2n+p+d)Rb83	-35087.82 keV
Sr87(p,3n+2p)Rb83	-37312.39 keV

<< 35-Br-79	**38-Sr-87**	38-Sr-88 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Rb83 production)**	MT184 (p,n+p+t) >>

Sr87 (p,d+t) or Rb83 production log-log



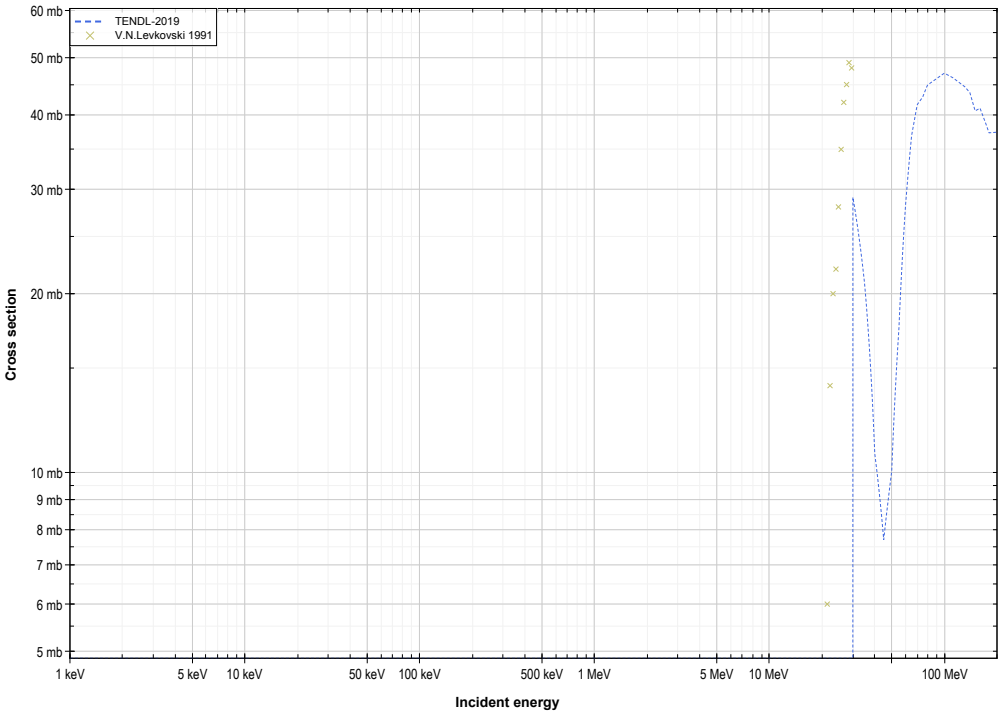
Sr87 (p,d+t) or Rb83 production lin-log



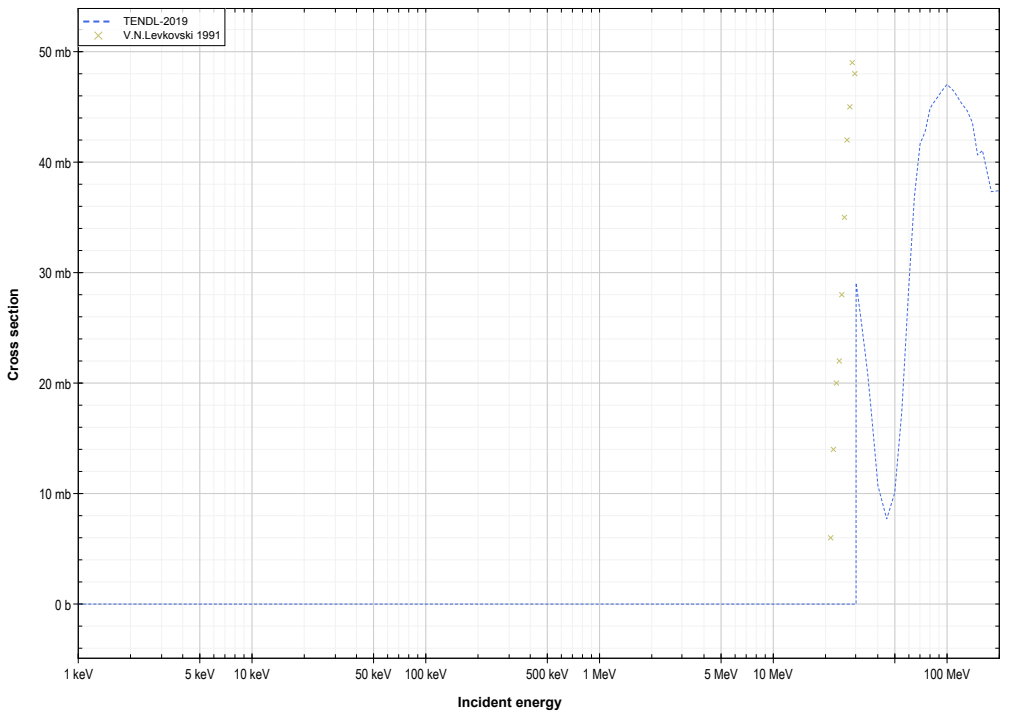
Reaction	Q-Value
Sr87(p,n+α)Rb83	-9016.73 keV
Sr87(p,d+t)Rb83	-26606.03 keV
Sr87(p,n+p+t)Rb83	-28830.59 keV
Sr87(p,2n+He3)Rb83	-29594.35 keV
Sr87(p,n+2d)Rb83	-32863.26 keV
Sr87(p,2n+p+d)Rb83	-35087.82 keV
Sr87(p,3n+2p)Rb83	-37312.39 keV

<< 35-Br-79	**38-Sr-87**	38-Sr-88 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Rb83 production)**	38-Sr-88 MT4 (p,n) >>

Sr87 (p,n+p+t) or Rb83 production log-log



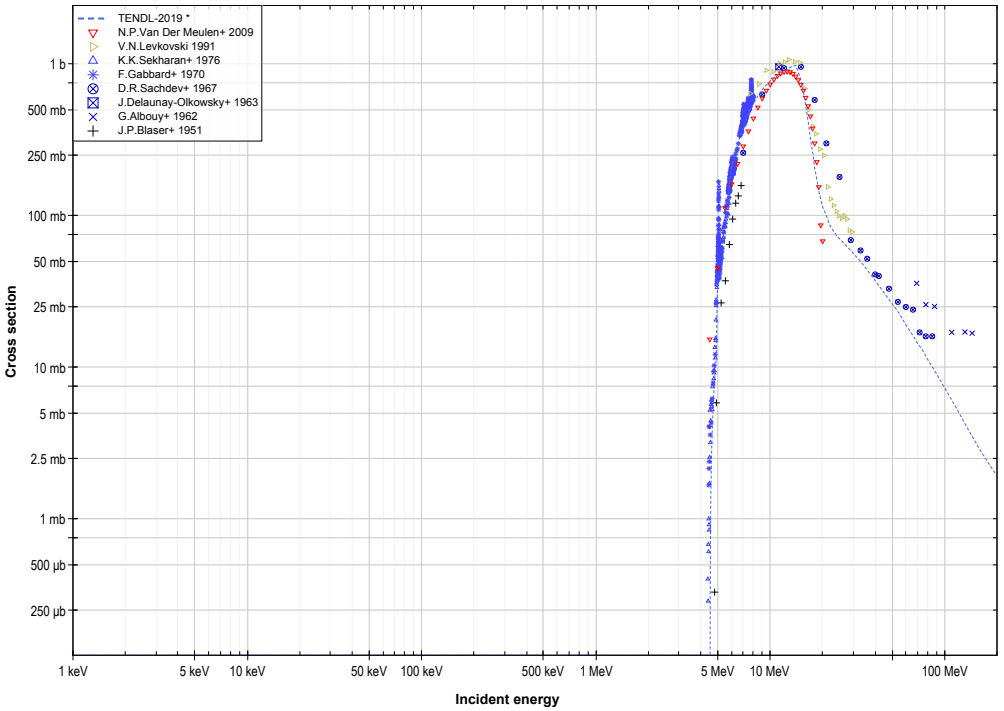
Sr87 (p,n+p+t) or Rb83 production lin-log



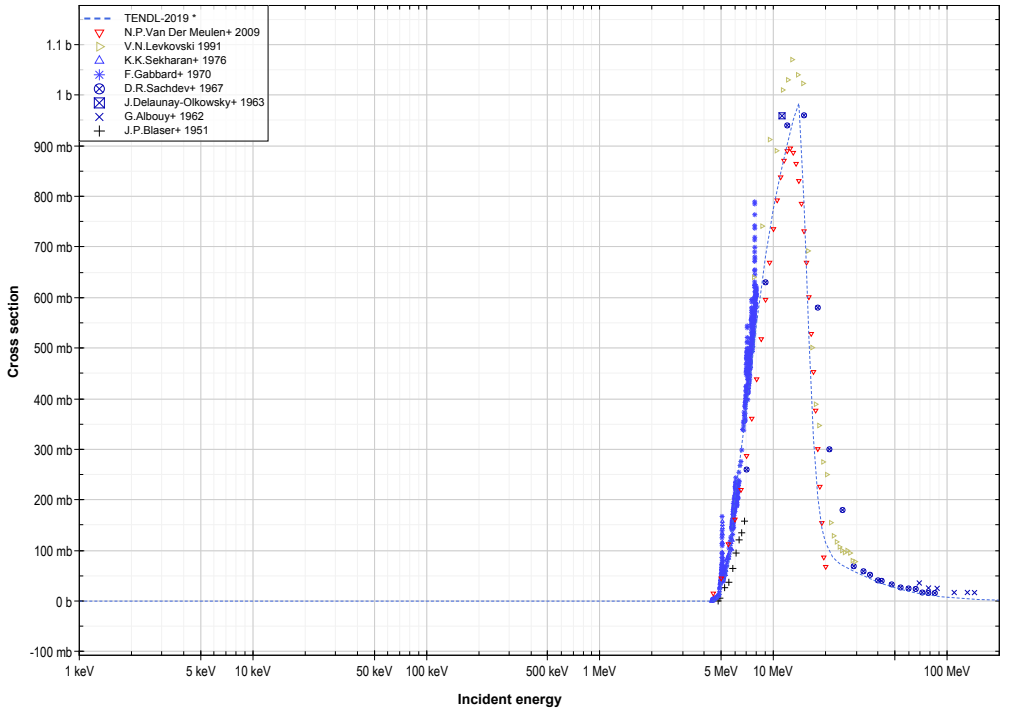
Reaction	Q-Value
Sr87(p,n+α)Rb83	-9016.73 keV
Sr87(p,d+t)Rb83	-26606.03 keV
Sr87(p,n+p+t)Rb83	-28830.59 keV
Sr87(p,2n+He3)Rb83	-29594.35 keV
Sr87(p,n+2d)Rb83	-32863.26 keV
Sr87(p,2n+p+d)Rb83	-35087.82 keV
Sr87(p,3n+2p)Rb83	-37312.39 keV

<< 38-Sr-87	**38-Sr-88**	39-Y-89 >>
<< 38-Sr-87 MT184 (p,n+p+t)	**MT4 (p,n) or MT5 (Y88 production)**	MT16 (p,2n) >>

Sr88 (p,n) or Y88 production log-log



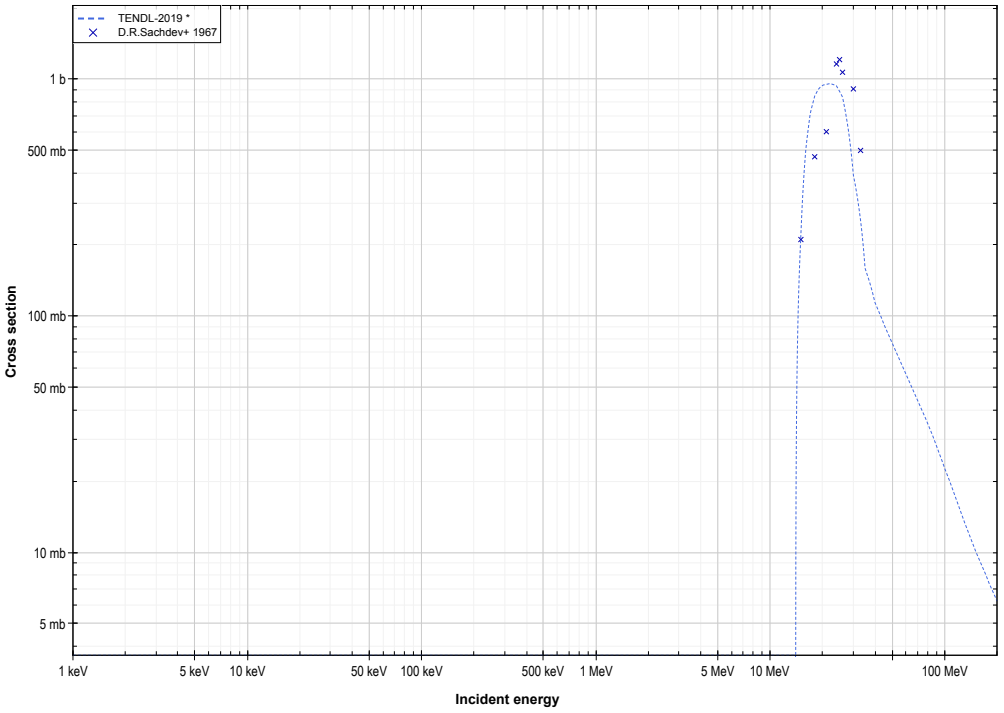
Sr88 (p,n) or Y88 production lin-log



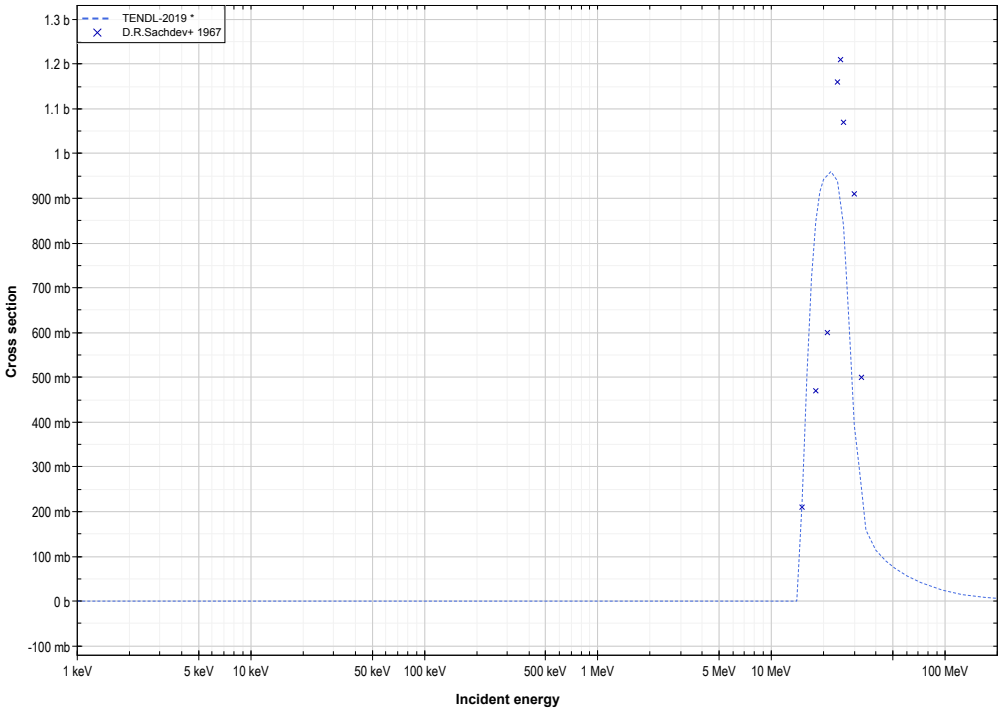
Reaction	Q-Value
Sr88(p,n)Y88	-4404.96 keV

<< 38-Sr-87	**38-Sr-88**	39-Y-89 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Y87 production)**	MT17 (p,3n) >>

Sr88 (p,2n) or Y87 production log-log



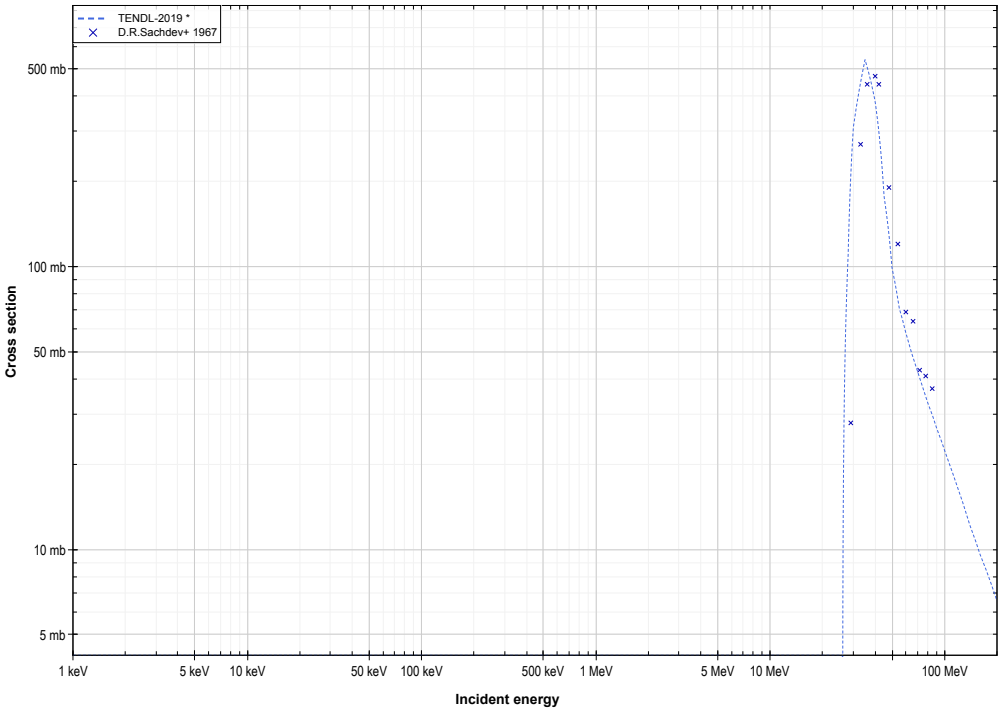
Sr88 (p,2n) or Y87 production lin-log



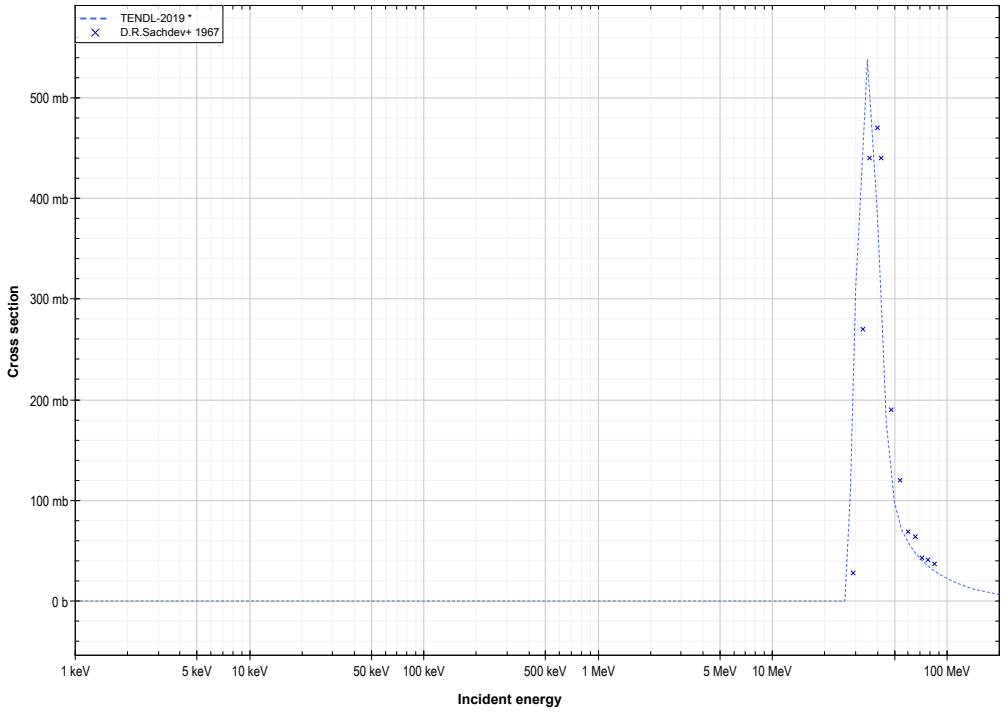
Reaction	Q-Value
Sr88(p,2n)Y87	-13756.88 keV

<< 37-Rb-85	**38-Sr-88**	39-Y-89 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Y86 production)**	MT22 (p,n+α) >>

Sr88 (p,3n) or Y86 production log-log



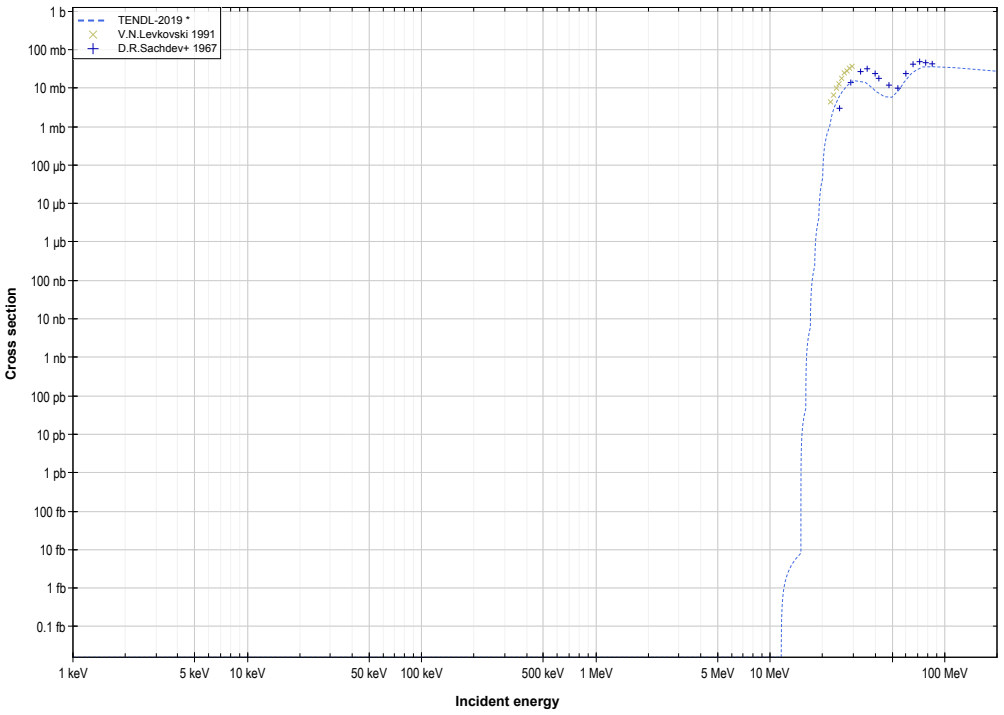
Sr88 (p,3n) or Y86 production lin-log



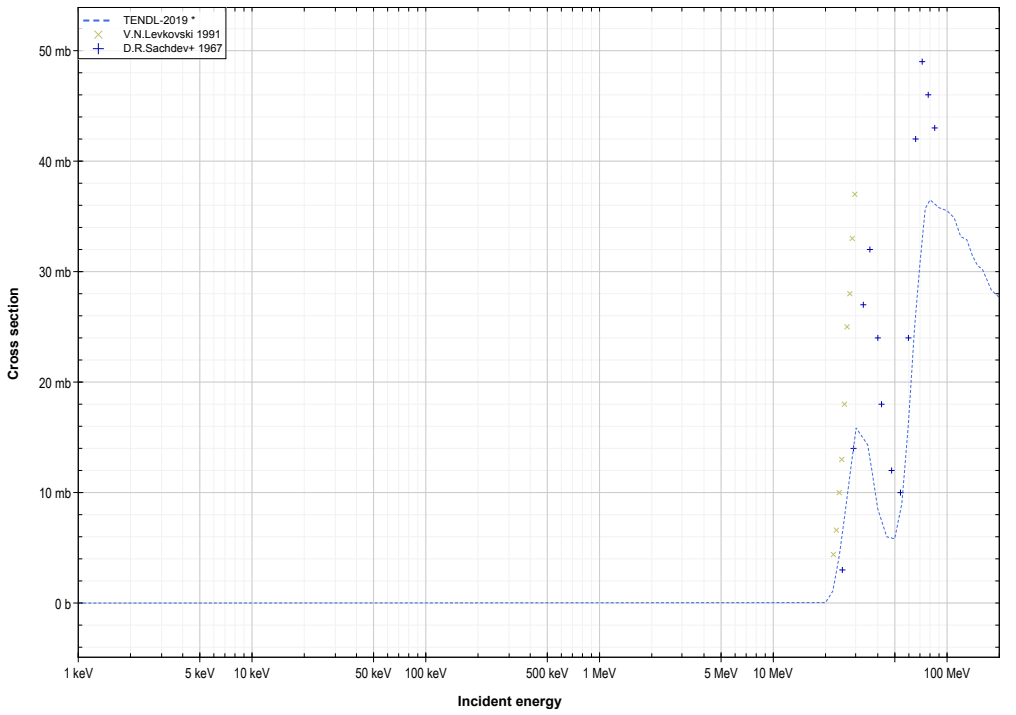
Reaction	Q-Value
Sr88(p,3n)Y86	-25563.60 keV

<< 38-Sr-87	**38-Sr-88**	39-Y-89 >>
<< MT17 (p,3n)	**MT22 (p,n+α) or MT5 (Rb84 production)**	MT37 (p,4n) >>

Sr88 (p,n+α) or Rb84 production log-log



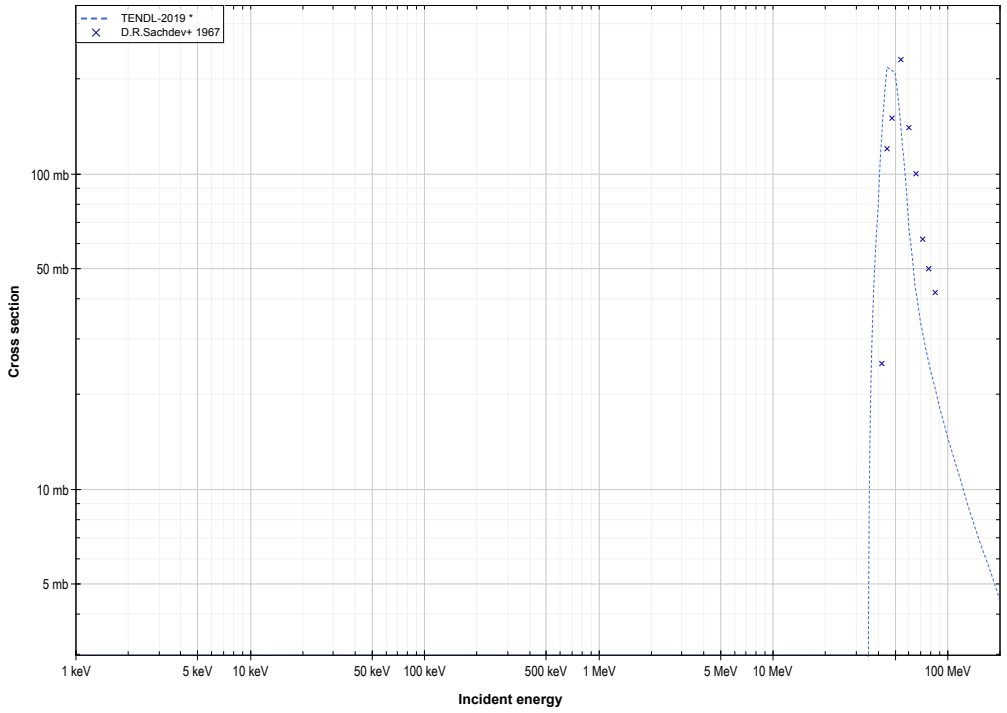
Sr88 (p,n+α) or Rb84 production lin-log



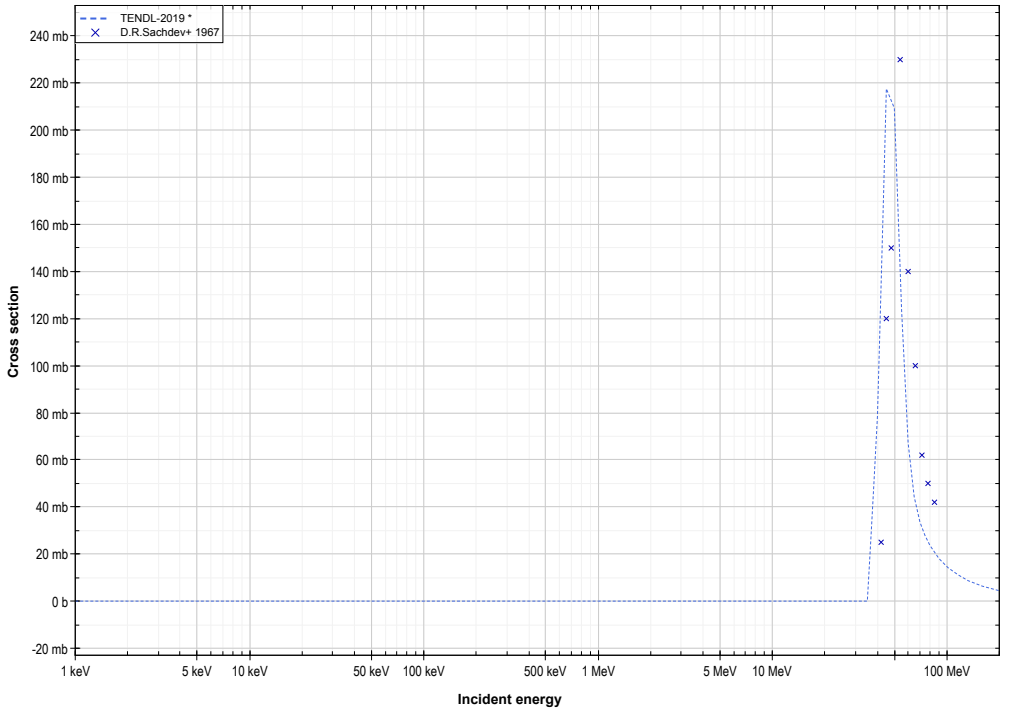
Reaction	Q-Value
Sr88(p,n+α)Rb84	-11369.88 keV
Sr88(p,d+t)Rb84	-28959.18 keV
Sr88(p,n+p+t)Rb84	-31183.74 keV
Sr88(p,2n+He3)Rb84	-31947.50 keV
Sr88(p,n+2d)Rb84	-35216.41 keV
Sr88(p,2n+p+d)Rb84	-37440.97 keV
Sr88(p,3n+2p)Rb84	-39665.54 keV

<< 37-Rb-85	**38-Sr-88**	39-Y-89 >>
<< MT22 (p,n+α)	**MT37 (p,4n) or MT5 (Y85 production)**	MT44 (p,n+2p) >>

Sr88 (p,4n) or Y85 production log-log



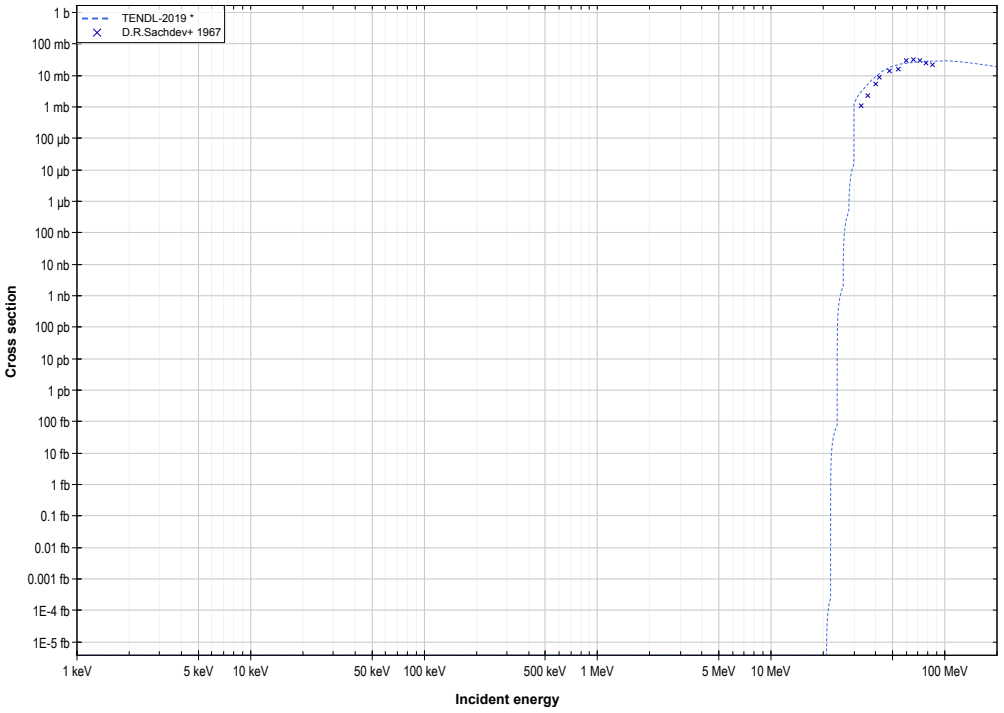
Sr88 (p,4n) or Y85 production lin-log



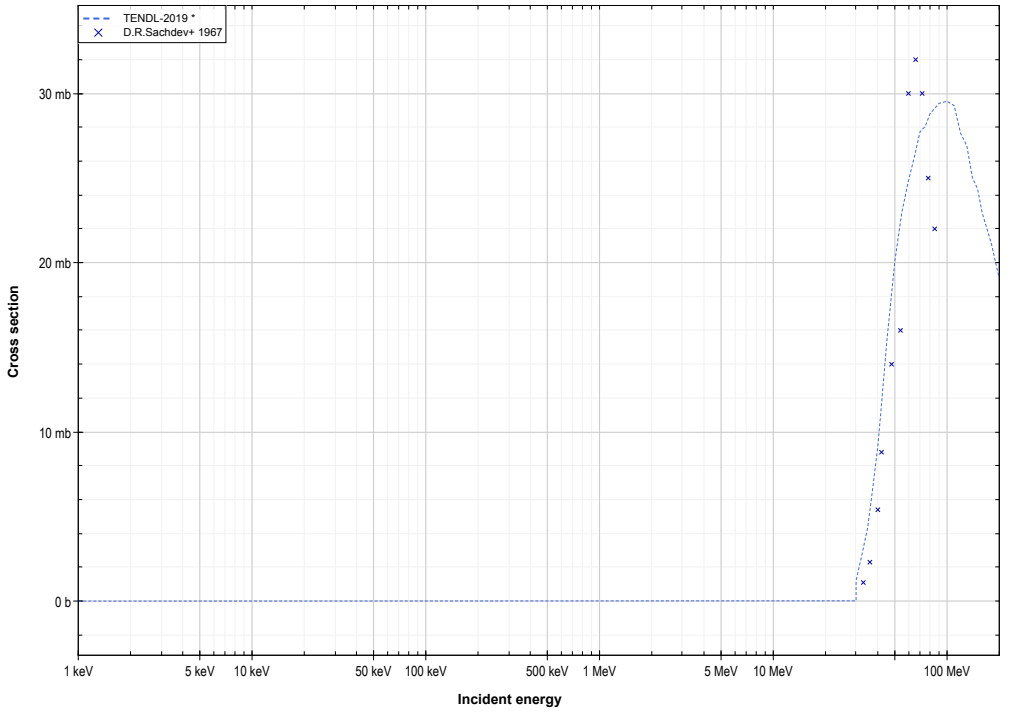
Reaction	Q-Value
Sr88(p,4n)Y85	-35075.92 keV

<< 34-Se-76	**38-Sr-88**	42-Mo-92 >>
<< MT37 (p,4n)	**MT44 (p,n+2p) or MT5 (Rb86 production)**	MT106 (p,³He) >>

Sr88 (p,n+2p) or Rb86 production log-log



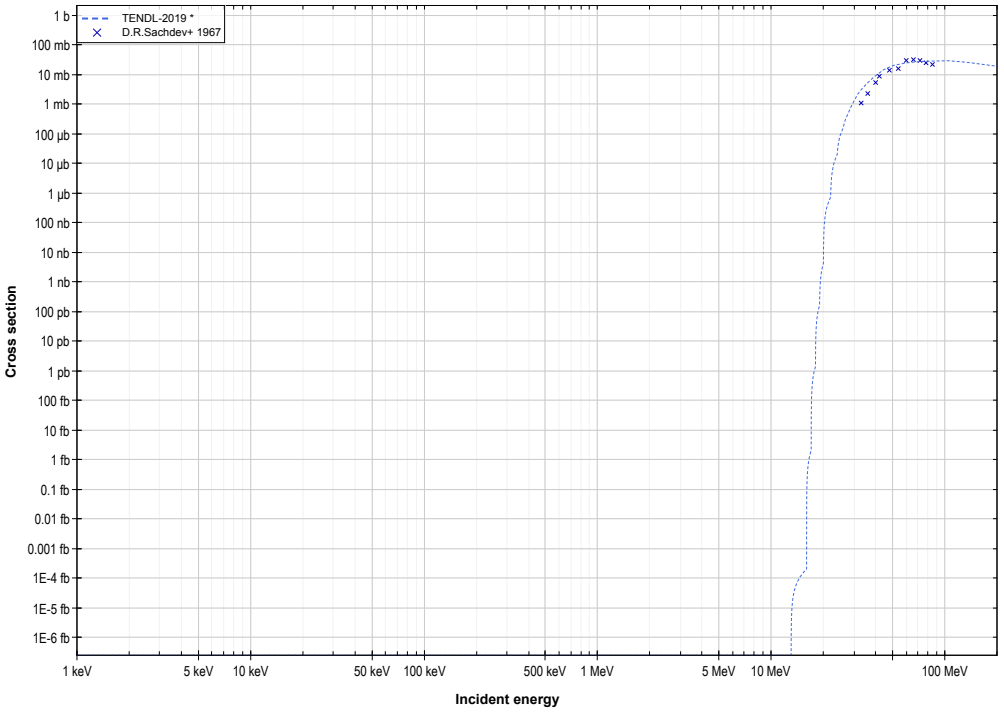
Sr88 (p,n+2p) or Rb86 production lin-log



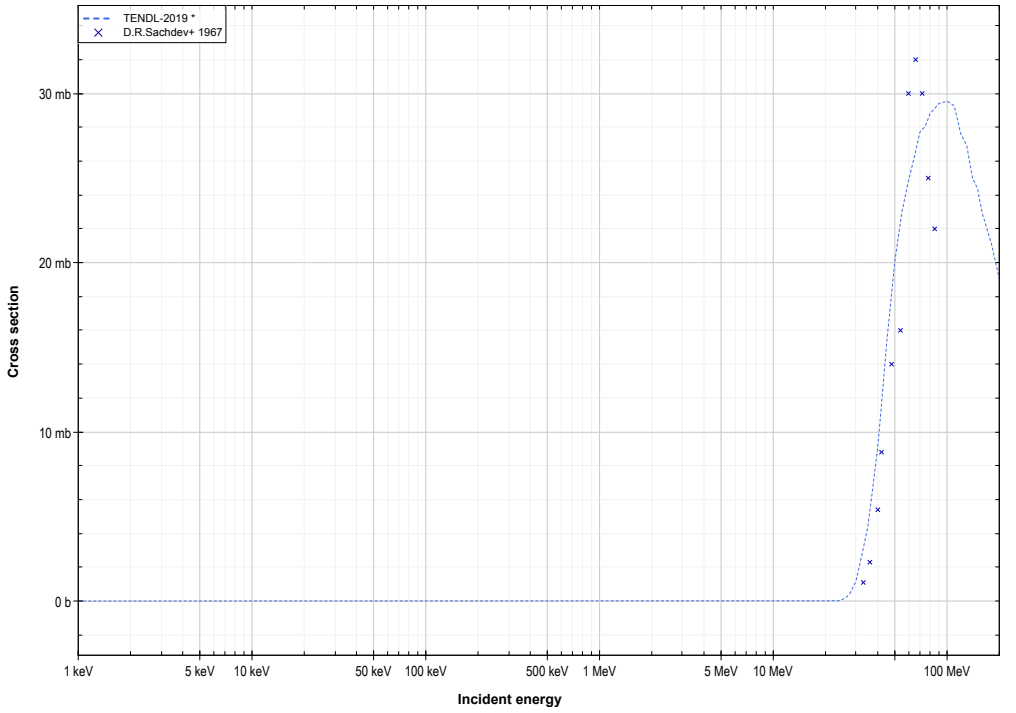
Reaction	Q-Value
Sr88(p,He3)Rb86	-12816.88 keV
Sr88(p,p+d)Rb86	-18310.35 keV
Sr88(p,n+2p)Rb86	-20534.92 keV

<< 34-Se-76	**38-Sr-88**	42-Mo-92 >>
<< MT44 (p,n+2p)	**MT106 (p,³He) or MT5 (Rb86 production)**	MT115 (p,p+d) >>

Sr88 (p,³He) or Rb86 production log-log



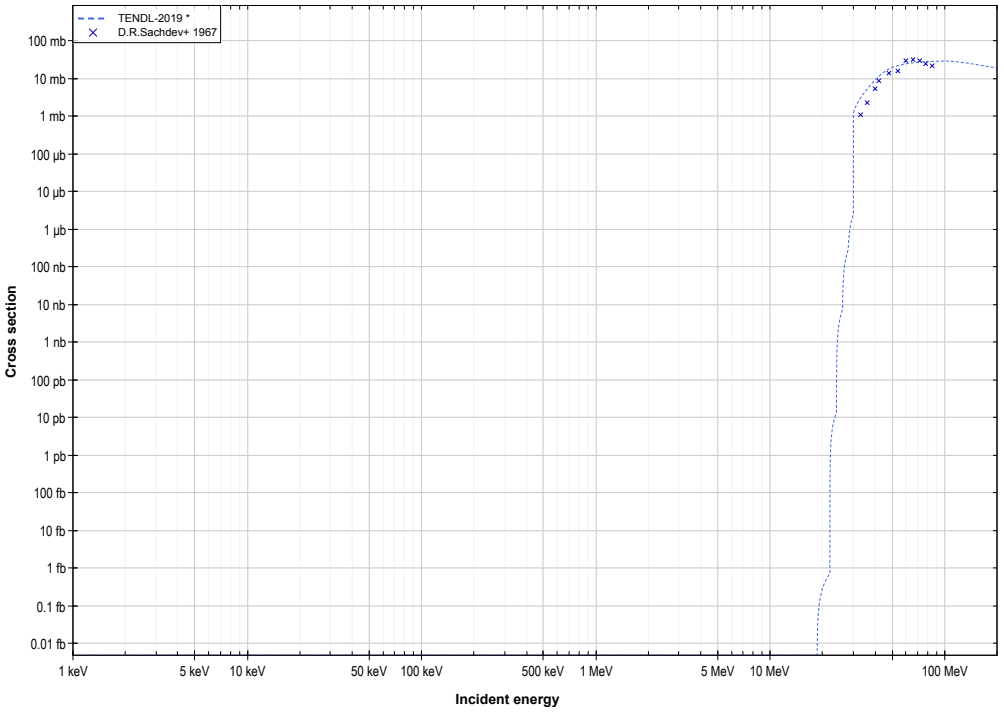
Sr88 (p,³He) or Rb86 production lin-log



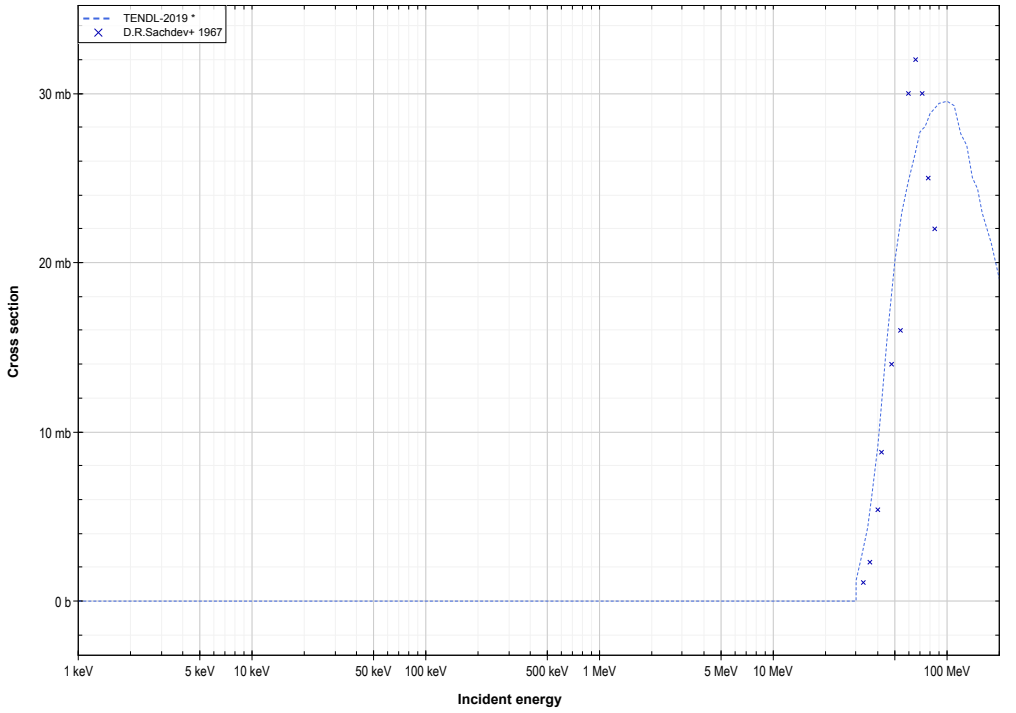
Reaction	Q-Value
Sr88(p,He3)Rb86	-12816.88 keV
Sr88(p,p+d)Rb86	-18310.35 keV
Sr88(p,n+2p)Rb86	-20534.92 keV

<< 34-Se-76	**38-Sr-88**	42-Mo-92 >>
<< MT106 (p,³He)	**MT115 (p,p+d) or MT5 (Rb86 production)**	MT152 (p,5n) >>

Sr88 (p,p+d) or Rb86 production log-log



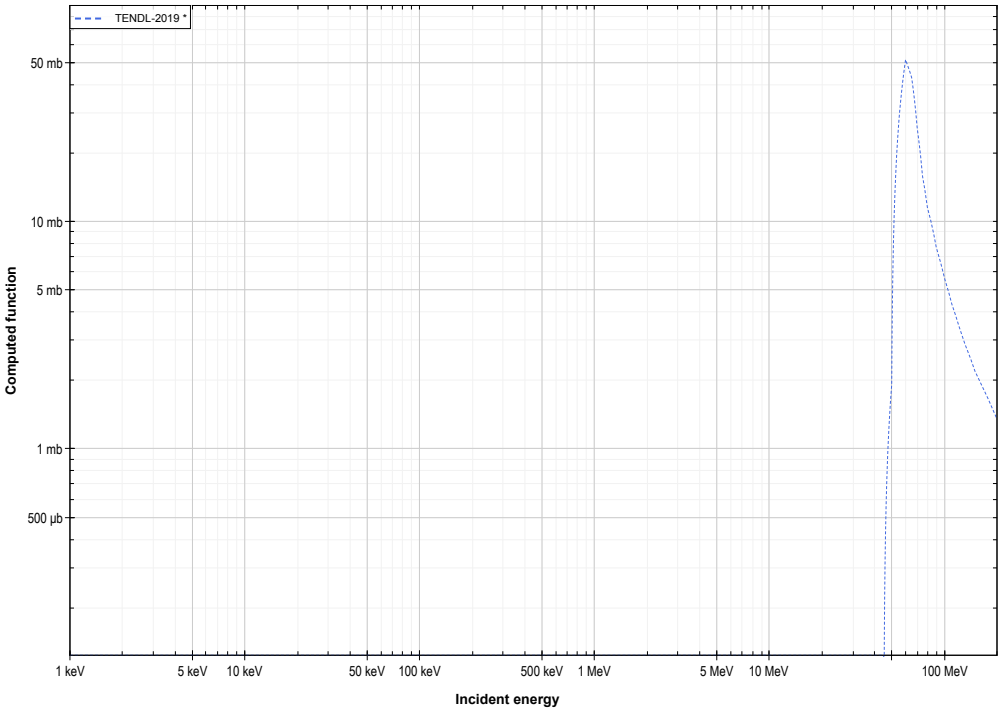
Sr88 (p,p+d) or Rb86 production lin-log



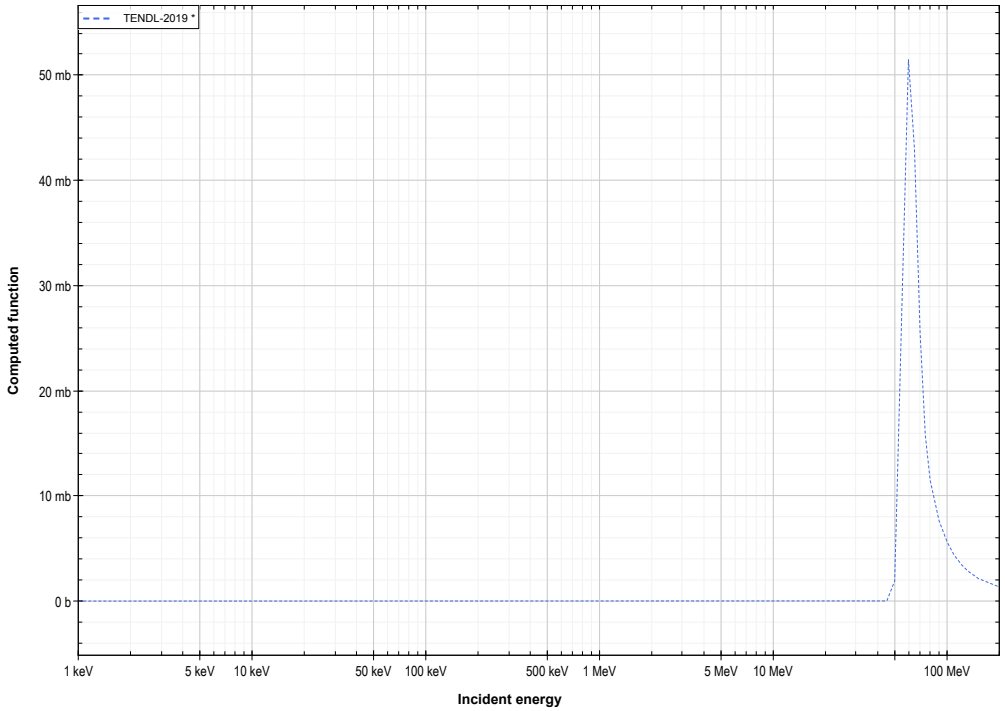
Reaction	Q-Value
Sr88(p,He3)Rb86	-12816.88 keV
Sr88(p,p+d)Rb86	-18310.35 keV
Sr88(p,n+2p)Rb86	-20534.92 keV

<< 37-Rb-85	**38-Sr-88**	50-Sn-124 >>
<< MT115 (p,p+d)	**MT152 (p,5n) or MT5 (Y84 production)**	MT176 (p,2n+^{3}He) >>

Sr88 (p,5n) or Y84 production log-log



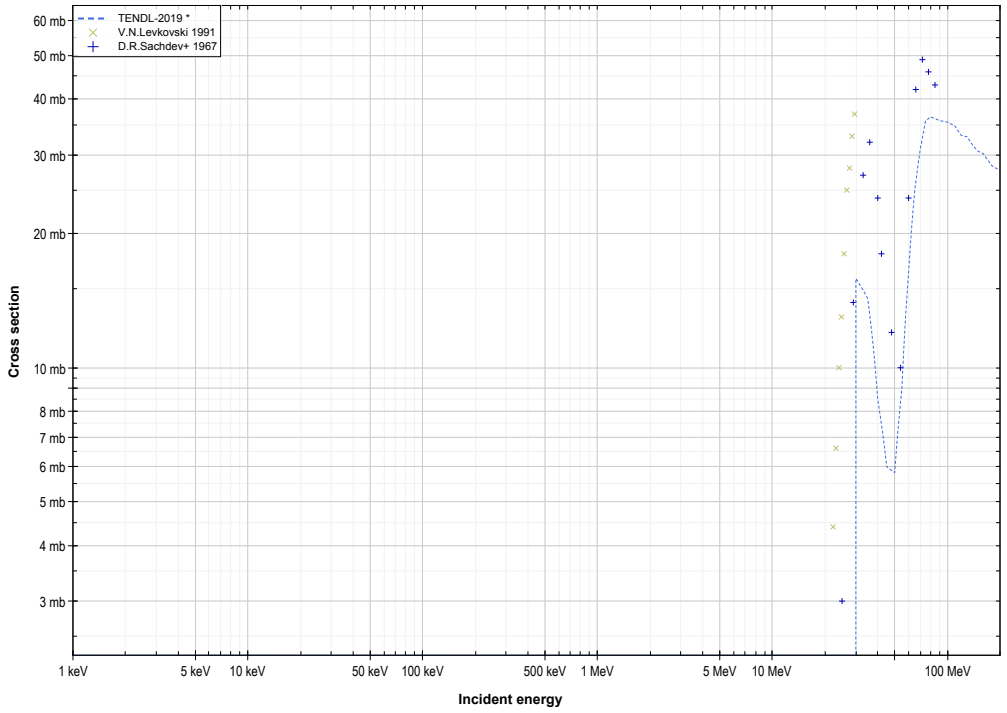
Sr88 (p,5n) or Y84 production lin-log



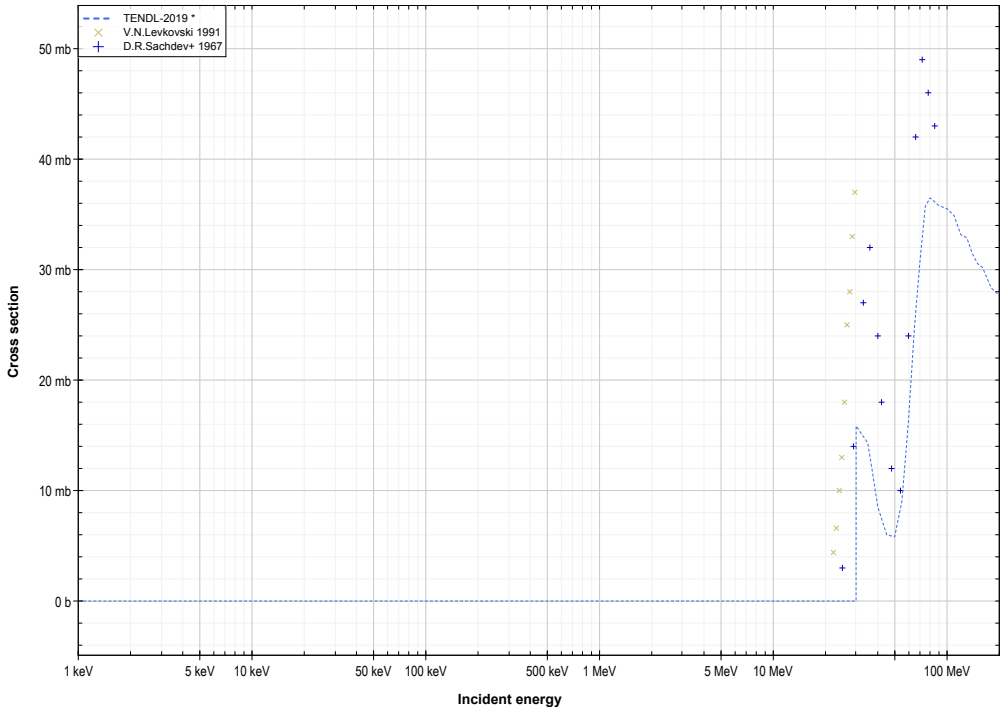
Reaction	Q-Value
Sr88(p,5n)Y84	-47095.23 keV

<< 38-Sr-87	**38-Sr-88**	39-Y-89 >>
<< MT152 (p,5n)	**MT176 (p,2n+³He) or MT5 (Rb84 production)**	MT179 (p,3n+2p) >>

Sr88 (p,2n+³He) or Rb84 production log-log



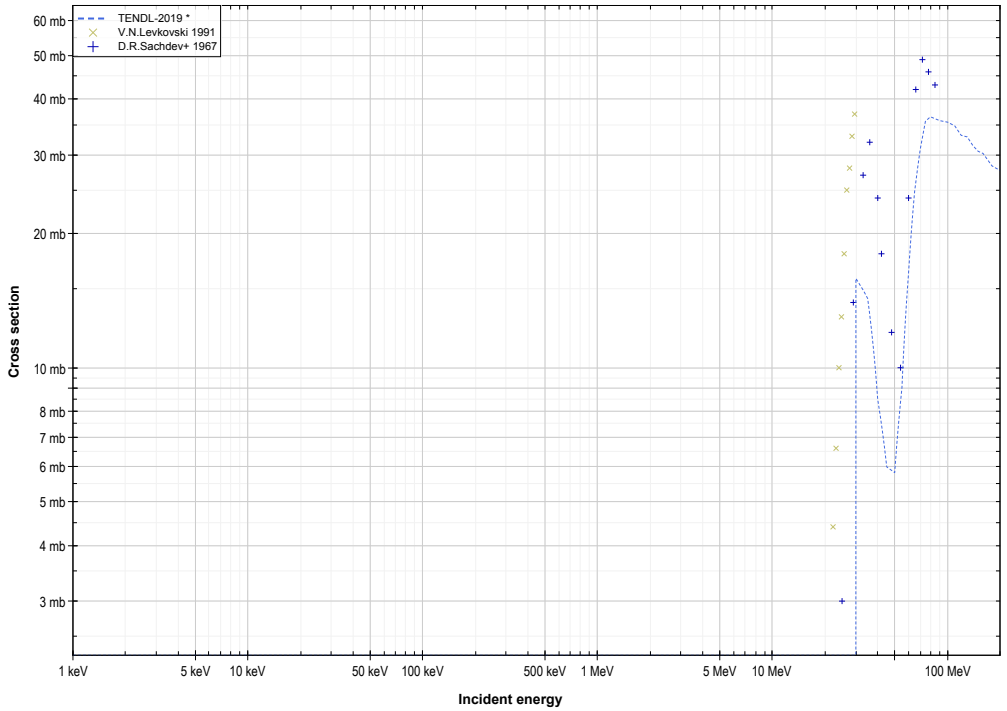
Sr88 (p,2n+³He) or Rb84 production lin-log



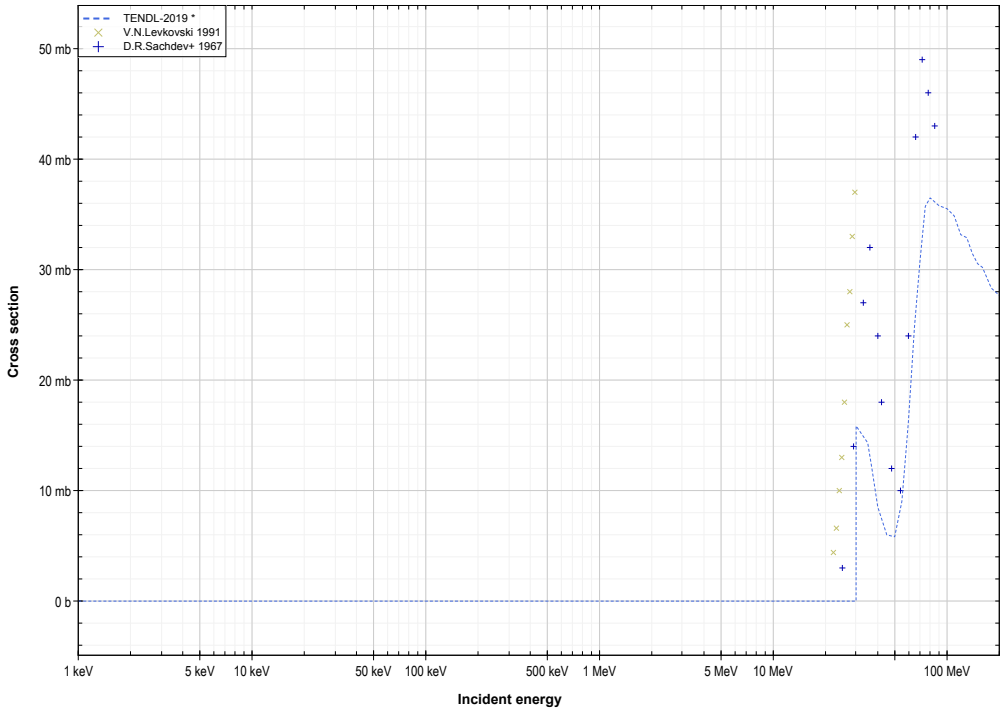
Reaction	Q-Value
Sr88(p,n+α)Rb84	-11369.88 keV
Sr88(p,d+t)Rb84	-28959.18 keV
Sr88(p,n+p+t)Rb84	-31183.74 keV
Sr88(p,2n+He3)Rb84	-31947.50 keV
Sr88(p,n+2d)Rb84	-35216.41 keV
Sr88(p,2n+p+d)Rb84	-37440.97 keV
Sr88(p,3n+2p)Rb84	-39665.54 keV

<< 38-Sr-87	**38-Sr-88**	39-Y-89 >>
<< MT176 (p,2n+^{3}He)	**MT179 (p,3n+2p) or MT5 (Rb84 production)**	MT182 (p,d+t) >>

Sr88 (p,3n+2p) or Rb84 production log-log



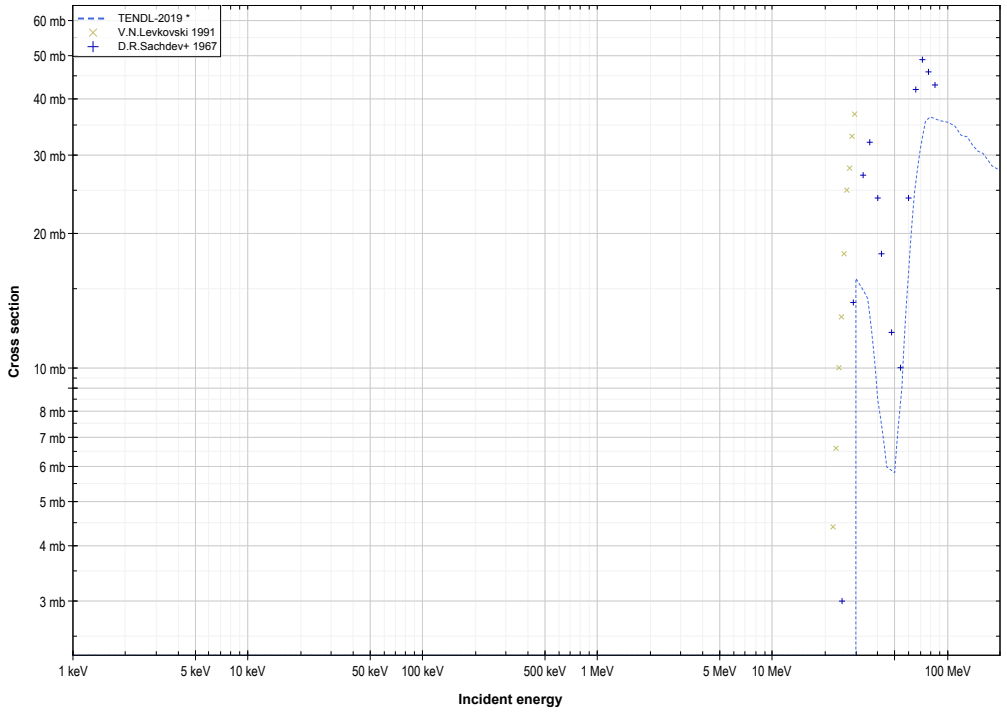
Sr88 (p,3n+2p) or Rb84 production lin-log



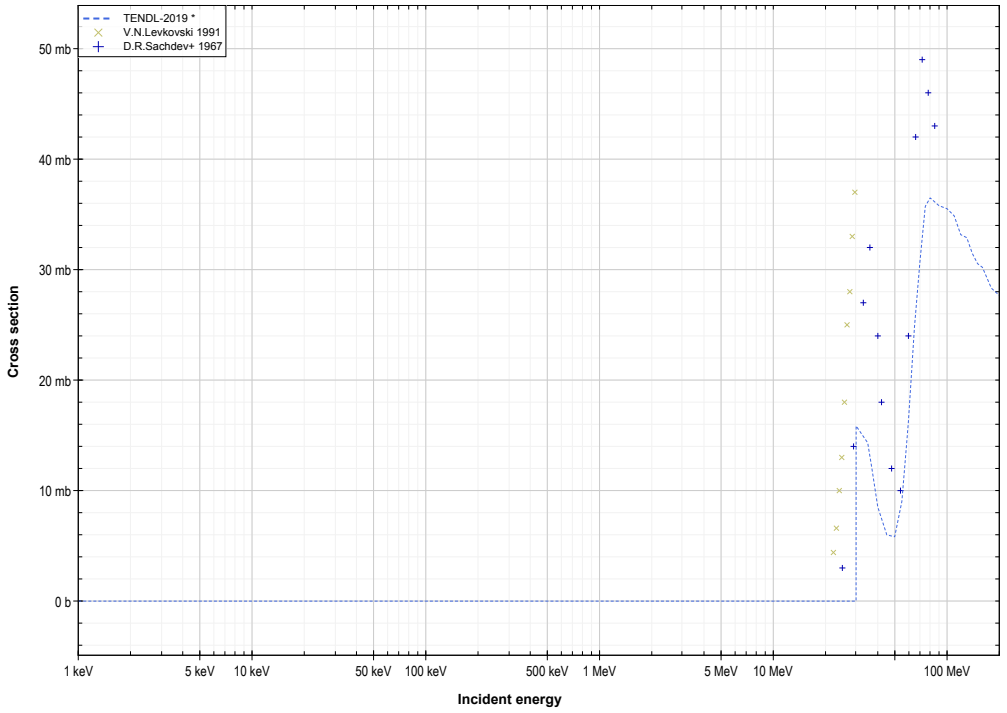
Reaction	Q-Value
Sr88(p,n+α)Rb84	-11369.88 keV
Sr88(p,d+t)Rb84	-28959.18 keV
Sr88(p,n+p+t)Rb84	-31183.74 keV
Sr88(p,2n+He3)Rb84	-31947.50 keV
Sr88(p,n+2d)Rb84	-35216.41 keV
Sr88(p,2n+p+d)Rb84	-37440.97 keV
Sr88(p,3n+2p)Rb84	-39665.54 keV

<< 38-Sr-87	**38-Sr-88**	39-Y-89 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Rb84 production)**	MT184 (p,n+p+t) >>

Sr88 (p,d+t) or Rb84 production log-log



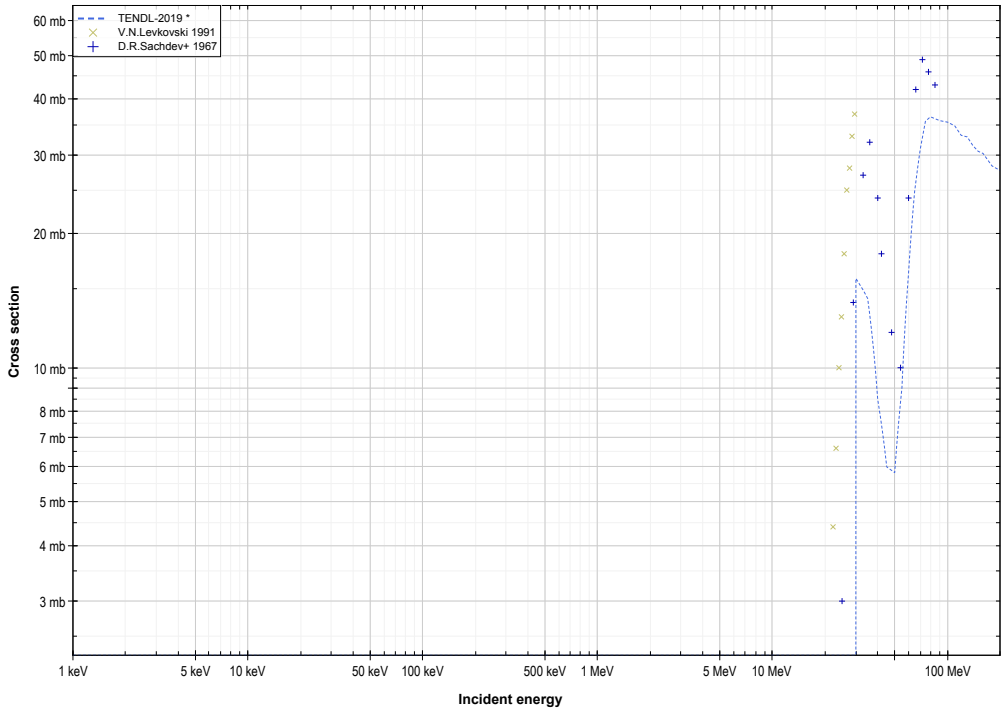
Sr88 (p,d+t) or Rb84 production lin-log



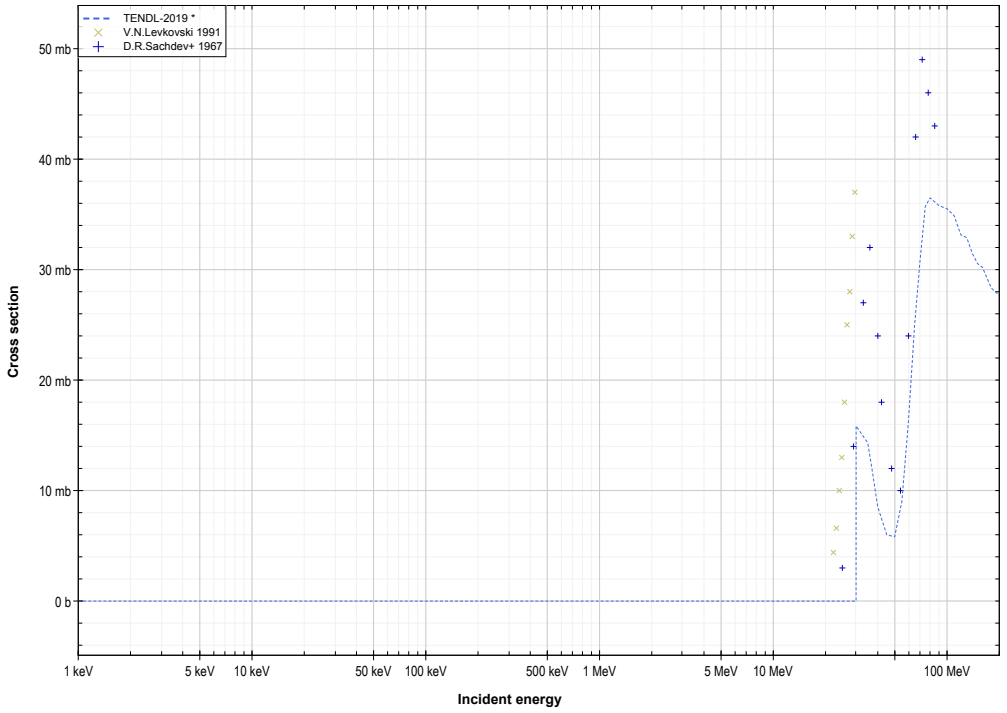
Reaction	Q-Value
Sr88(p,n+α)Rb84	-11369.88 keV
Sr88(p,d+t)Rb84	-28959.18 keV
Sr88(p,n+p+t)Rb84	-31183.74 keV
Sr88(p,2n+He3)Rb84	-31947.50 keV
Sr88(p,n+2d)Rb84	-35216.41 keV
Sr88(p,2n+p+d)Rb84	-37440.97 keV
Sr88(p,3n+2p)Rb84	-39665.54 keV

<< 38-Sr-87	**38-Sr-88**	39-Y-89 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Rb84 production)**	39-Y-89 MT4 (p,n) >>

Sr88 (p,n+p+t) or Rb84 production log-log



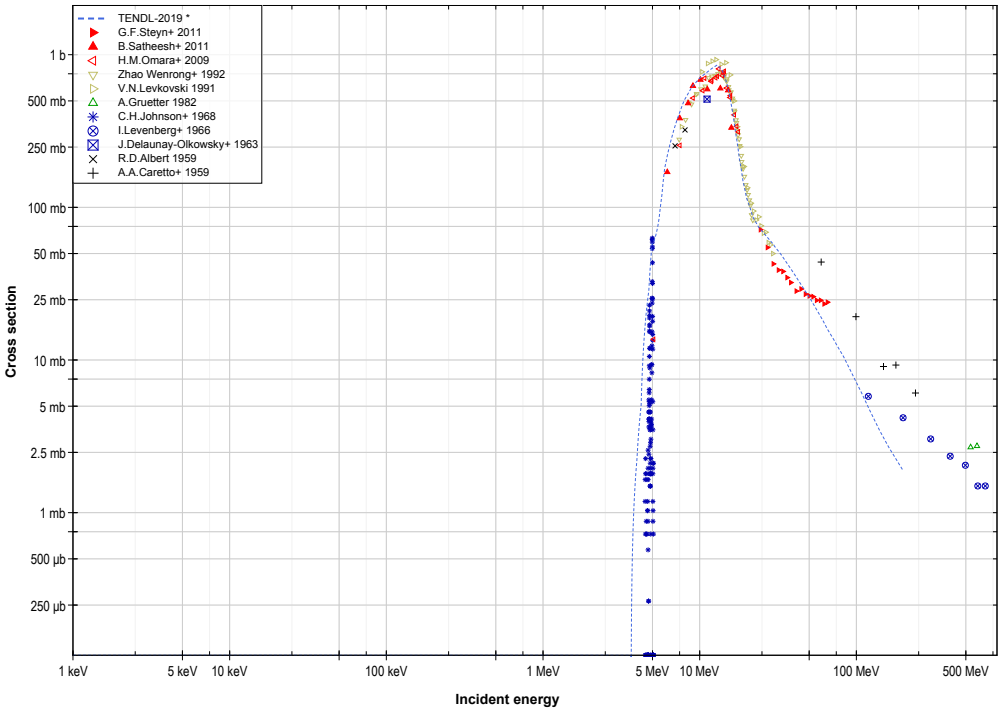
Sr88 (p,n+p+t) or Rb84 production lin-log



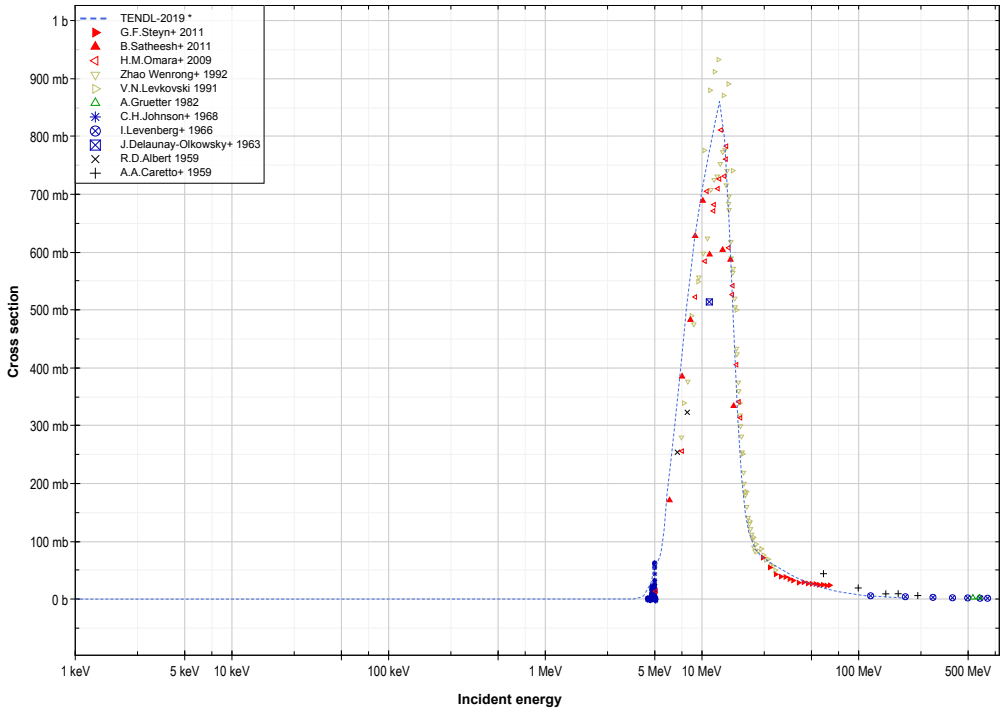
Reaction	Q-Value
Sr88(p,n+α)Rb84	-11369.88 keV
Sr88(p,d+t)Rb84	-28959.18 keV
Sr88(p,n+p+t)Rb84	-31183.74 keV
Sr88(p,2n+He3)Rb84	-31947.50 keV
Sr88(p,n+2d)Rb84	-35216.41 keV
Sr88(p,2n+p+d)Rb84	-37440.97 keV
Sr88(p,3n+2p)Rb84	-39665.54 keV

<< 38-Sr-88	**39-Y-89**	40-Zr-90 >>
<< 38-Sr-88 MT184 (p,n+p+t)	**MT4 (p,n) or MT5 (Zr89 production)**	MT11 (p,2n+d) >>

Y89 (p,n) or Zr89 production log-log



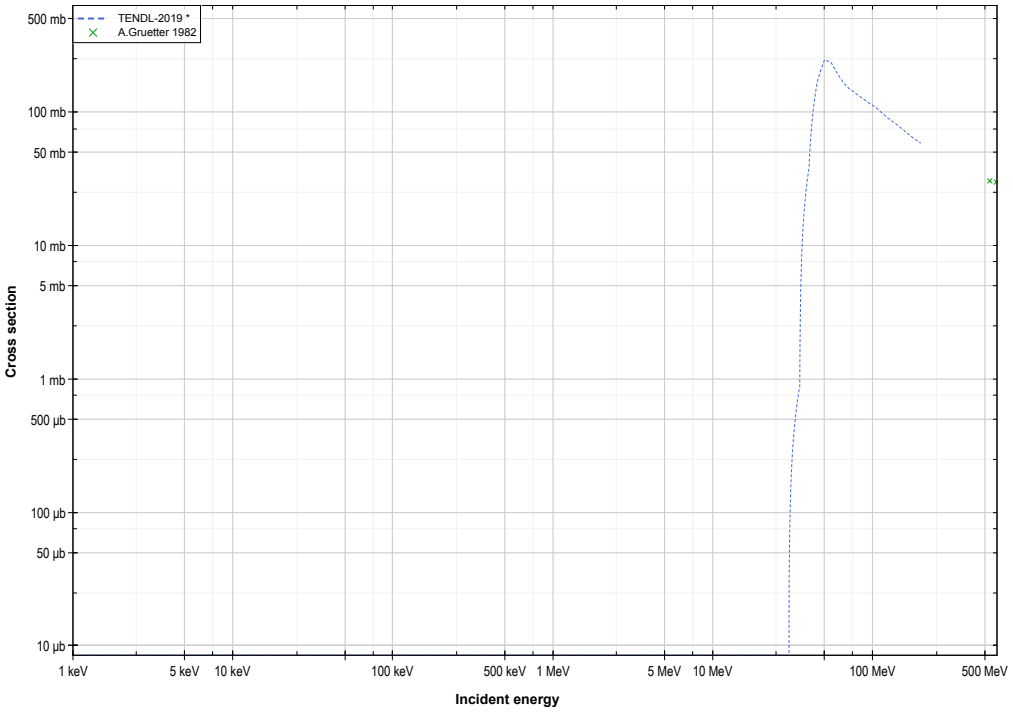
Y89 (p,n) or Zr89 production lin-log



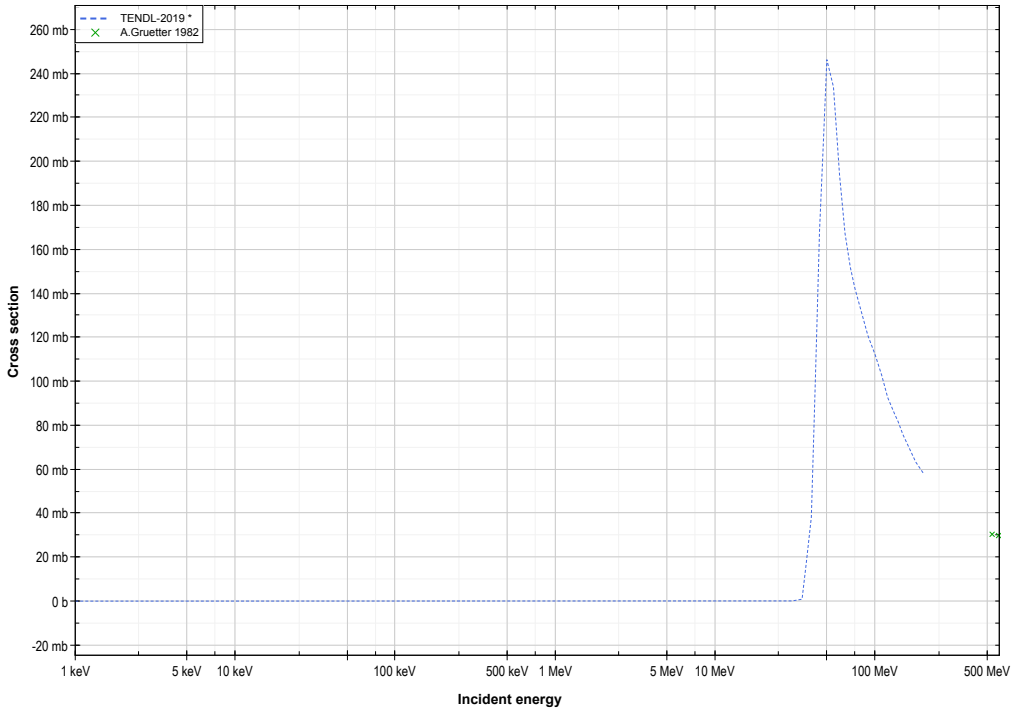
Reaction	Q-Value
Y89(p,n)Zr89	-3614.75 keV

<< 35-Br-81	**39-Y-89**	52-Te-122 >>
<< MT4 (p,n)	**MT11 (p,2n+d) or MT5 (Y86 production)**	MT16 (p,2n) >>

Y89 (p,2n+d) or Y86 production log-log



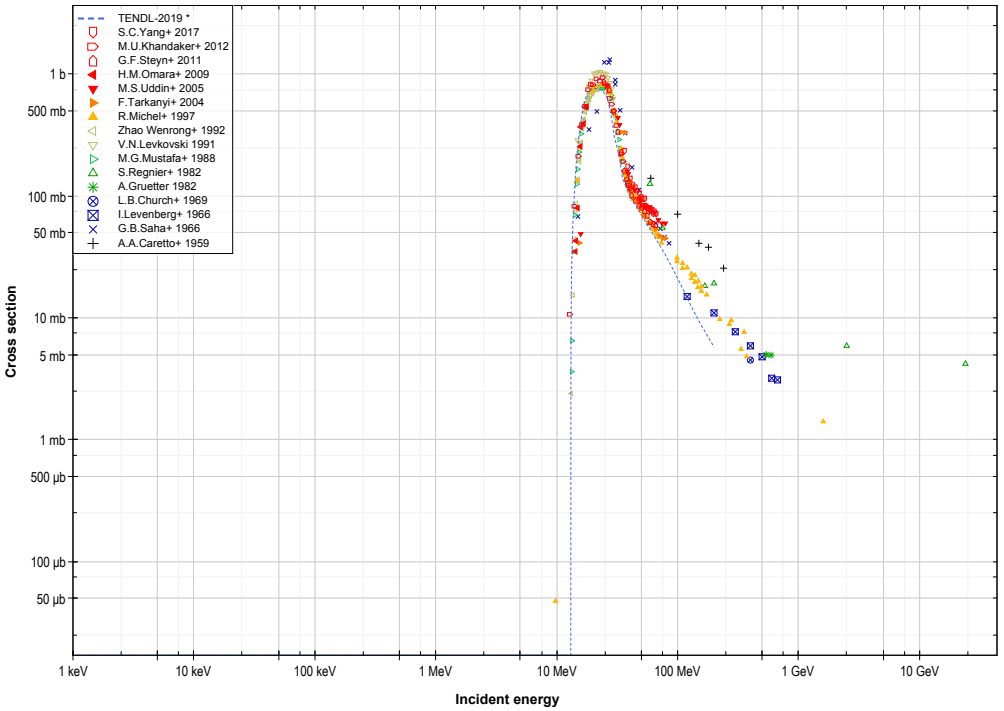
Y89 (p,2n+d) or Y86 production lin-log



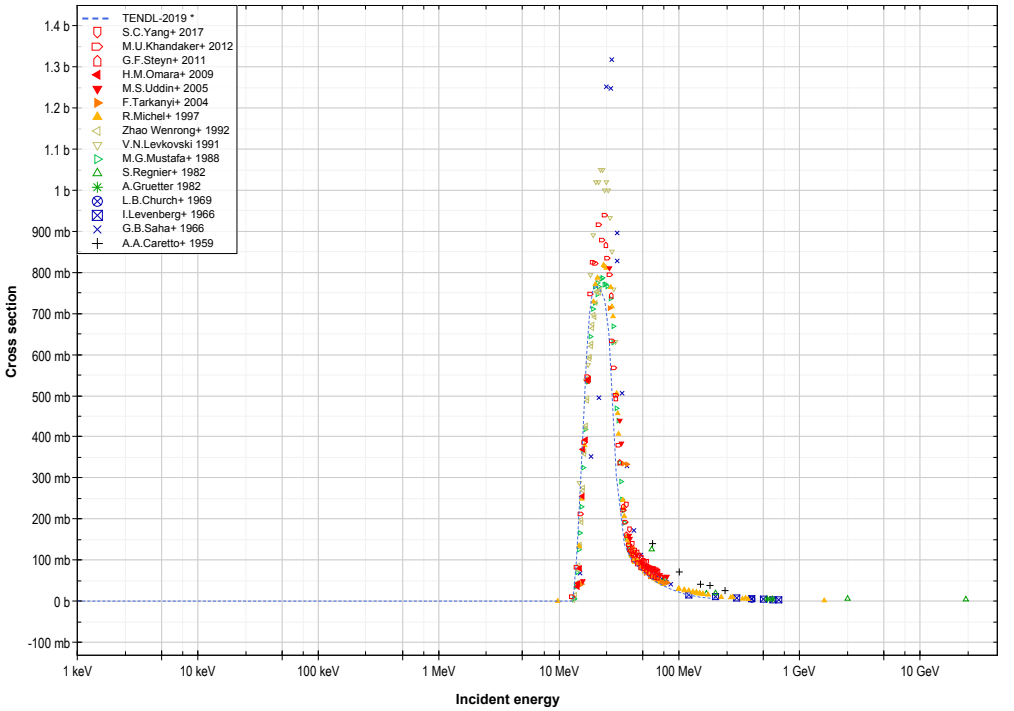
Reaction	Q-Value
Y89(p,n+t)Y86	-24157.56 keV
Y89(p,2n+d)Y86	-30414.79 keV
Y89(p,3n+p)Y86	-32639.35 keV

<< 38-Sr-88	**39-Y-89**	40-Zr-90 >>
<< MT11 (p,2n+d)	**MT16 (p,2n) or MT5 (Zr88 production)**	MT17 (p,3n) >>

Y89 (p,2n) or Zr88 production log-log



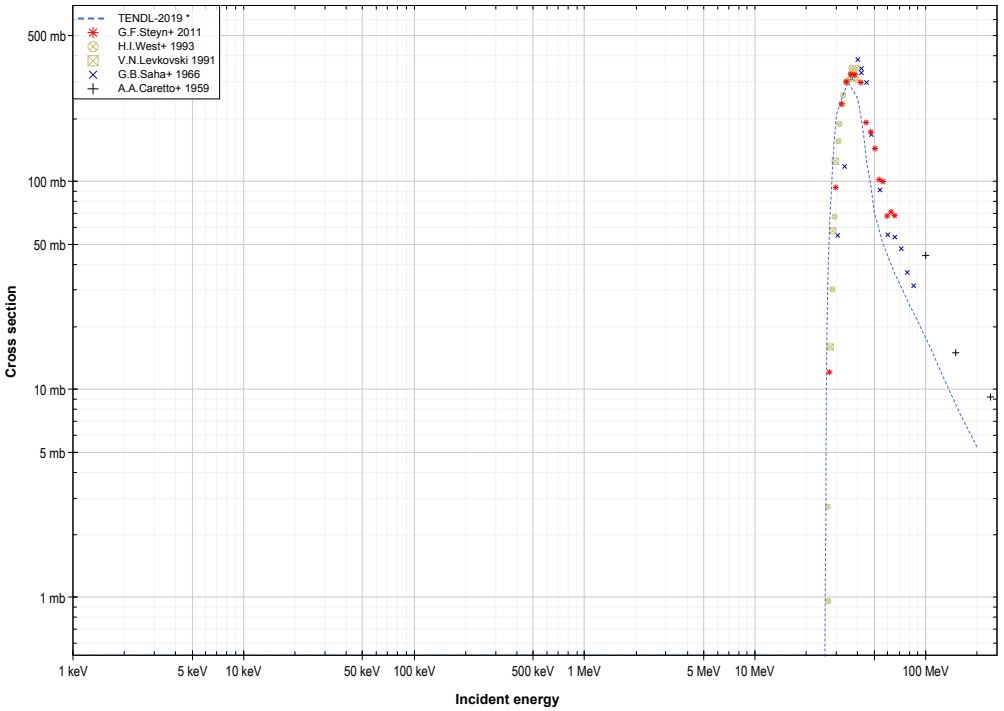
Y89 (p,2n) or Zr88 production lin-log



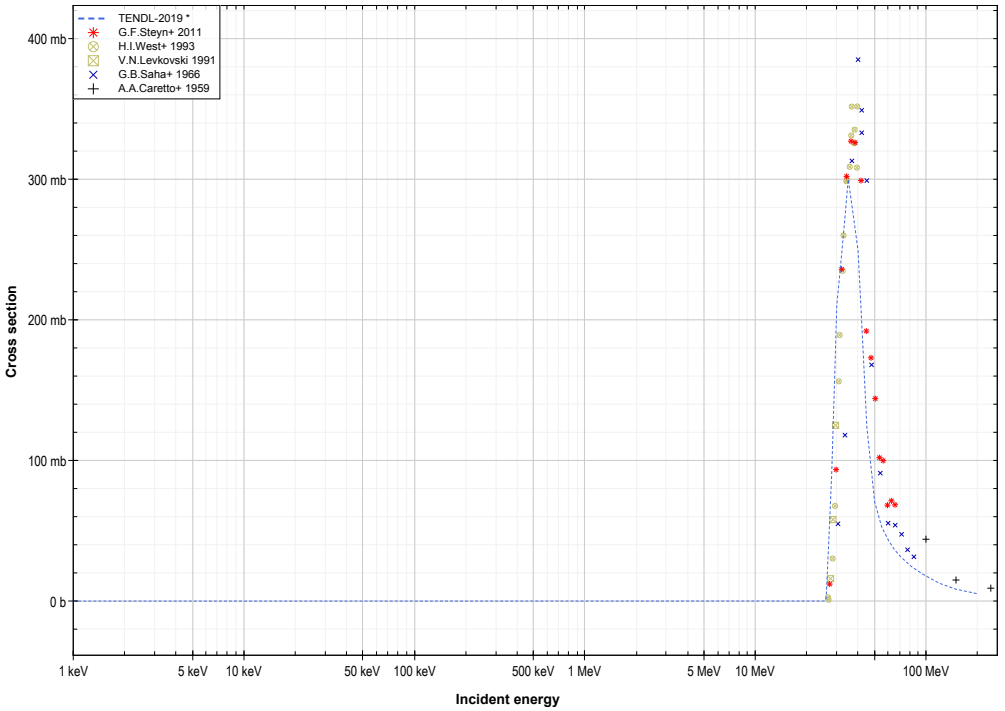
Reaction	Q-Value
Y89(p,2n)Zr88	-12933.06 keV

<< 38-Sr-88	**39-Y-89**	40-Zr-92 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Zr87 production)**	MT22 (p,n+α) >>

Y89 (p,3n) or Zr87 production log-log



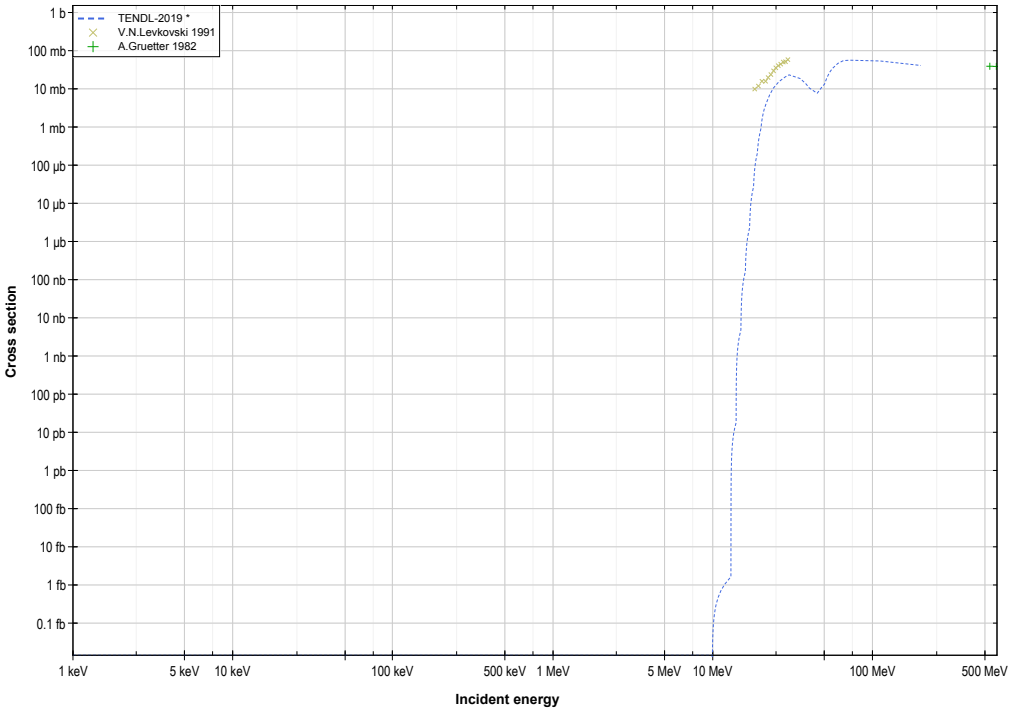
Y89 (p,3n) or Zr87 production lin-log



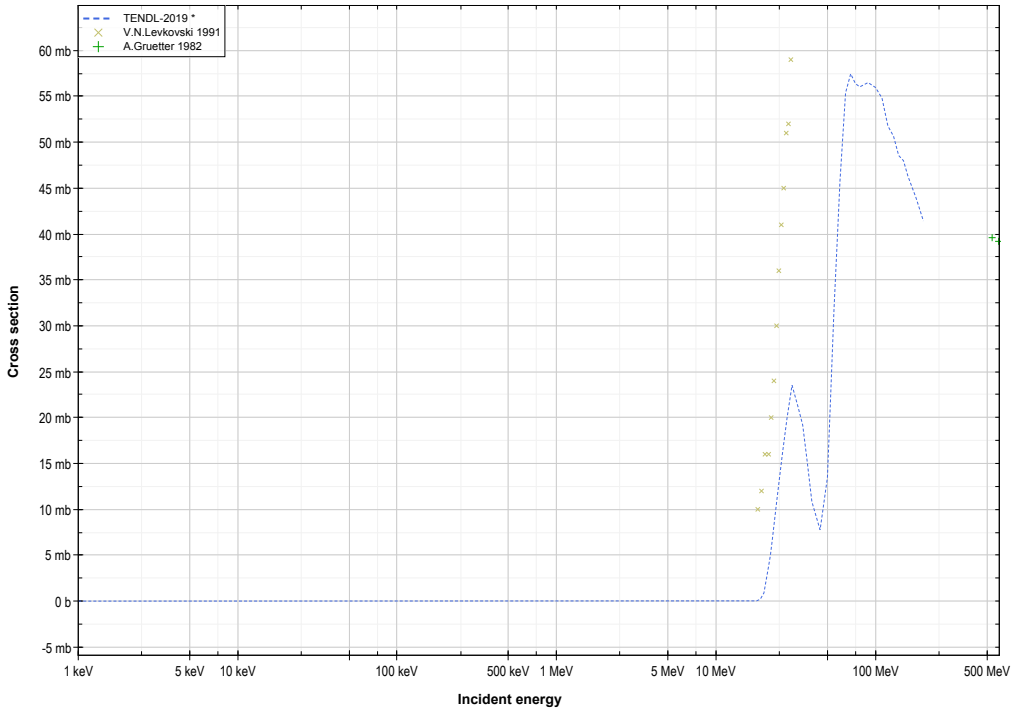
Reaction	Q-Value
Y89(p,3n)Zr87	-25286.38 keV

<< 38-Sr-88	**39-Y-89**	40-Zr-90 >>
<< MT17 (p,3n)	**MT22 (p,n+α) or MT5 (Sr85 production)**	MT25 (p,3n+α) >>

Y89 (p,n+α) or Sr85 production log-log



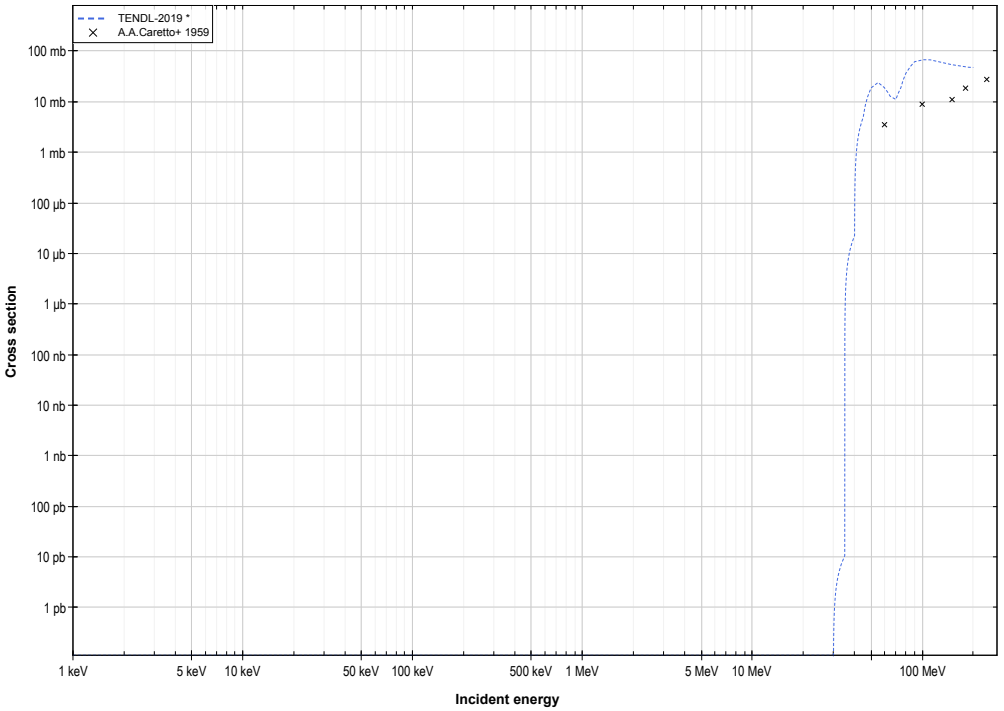
Y89 (p,n+α) or Sr85 production lin-log



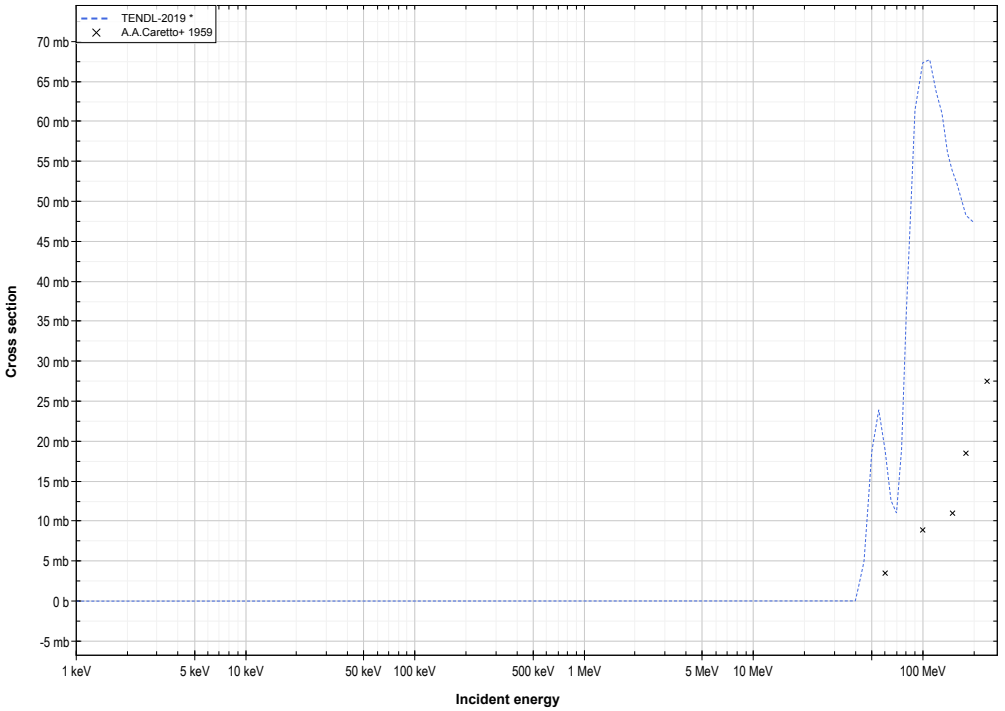
Reaction	Q-Value
Y89(p,n+α)Sr85	-9812.36 keV
Y89(p,d+t)Sr85	-27401.66 keV
Y89(p,n+p+t)Sr85	-29626.23 keV
Y89(p,2n+He3)Sr85	-30389.98 keV
Y89(p,n+2d)Sr85	-33658.89 keV
Y89(p,2n+p+d)Sr85	-35883.46 keV
Y89(p,3n+2p)Sr85	-38108.02 keV

<< 27-Co-59	**39-Y-89**	41-Nb-93 >>
<< MT22 (p,n+α)	**MT25 (p,3n+α) or MT5 (Sr83 production)**	MT28 (p,n+p) >>

Y89 (p,3n+α) or Sr83 production log-log



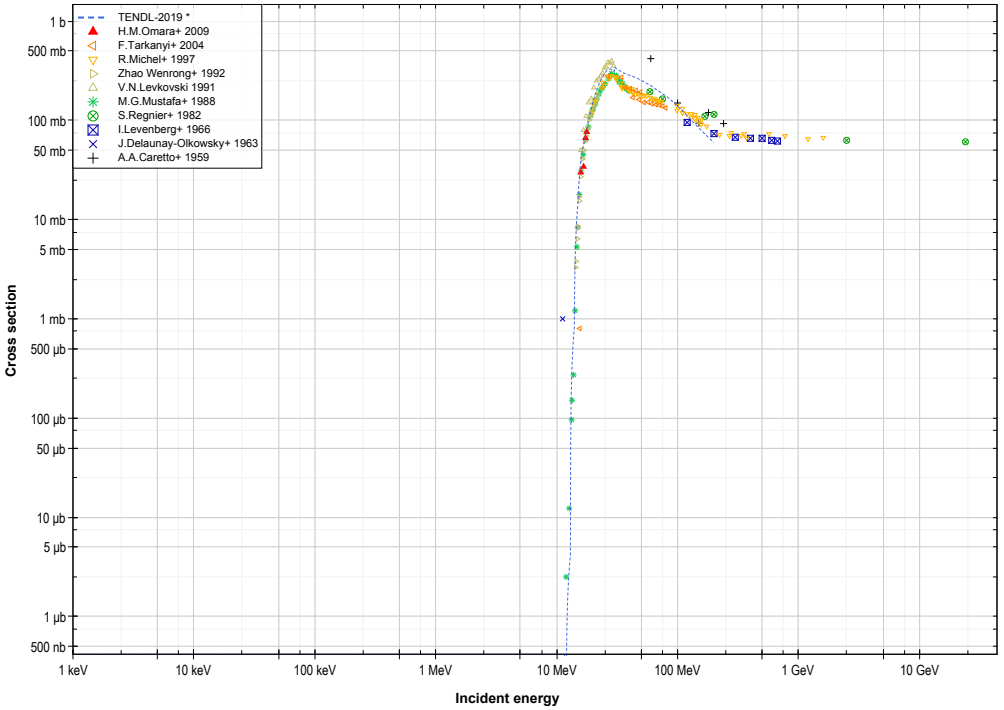
Y89 (p,3n+α) or Sr83 production lin-log



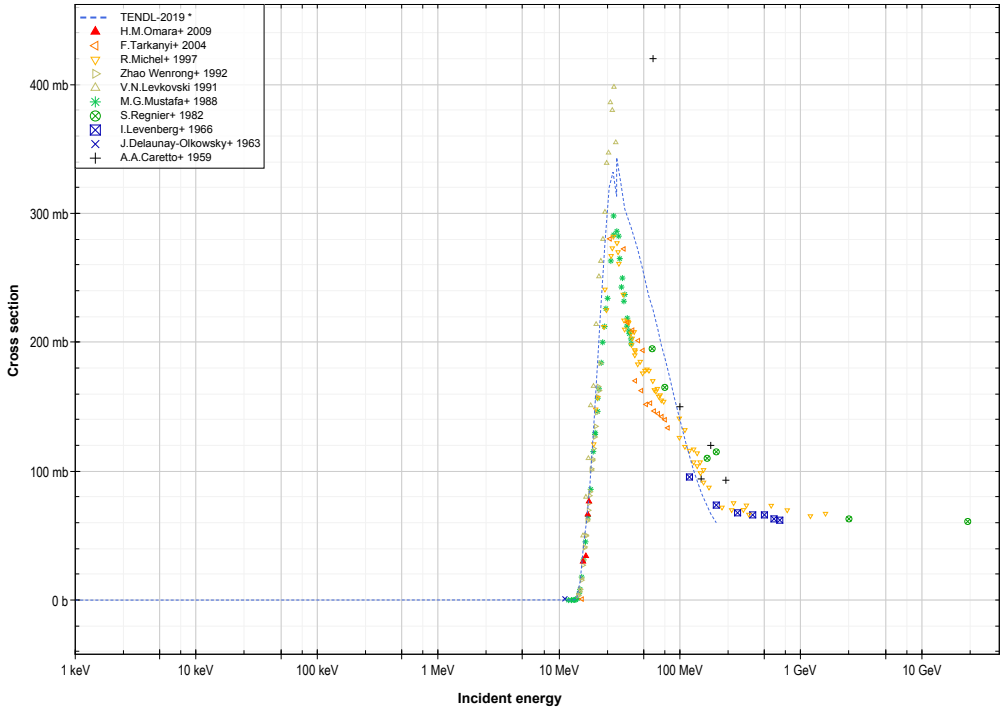
Reaction	Q-Value
Y89(p,3n+α)Sr83	-30260.30 keV
Y89(p,n+2t)Sr83	-41592.37 keV
Y89(p,2n+d+t)Sr83	-47849.60 keV
Y89(p,3n+p+t)Sr83	-50074.16 keV
Y89(p,4n+He3)Sr83	-50837.92 keV
Y89(p,3n+2d)Sr83	-54106.82 keV
Y89(p,4n+p+d)Sr83	-56331.39 keV
Y89(p,5n+2p)Sr83	-58555.96 keV

<< 38-Sr-86	**39-Y-89**	40-Zr-90 >>
<< MT25 (p,3n+α)	**MT28 (p,n+p) or MT5 (Y88 production)**	MT32 (p,n+d) >>

Y89 (p,n+p) or Y88 production log-log



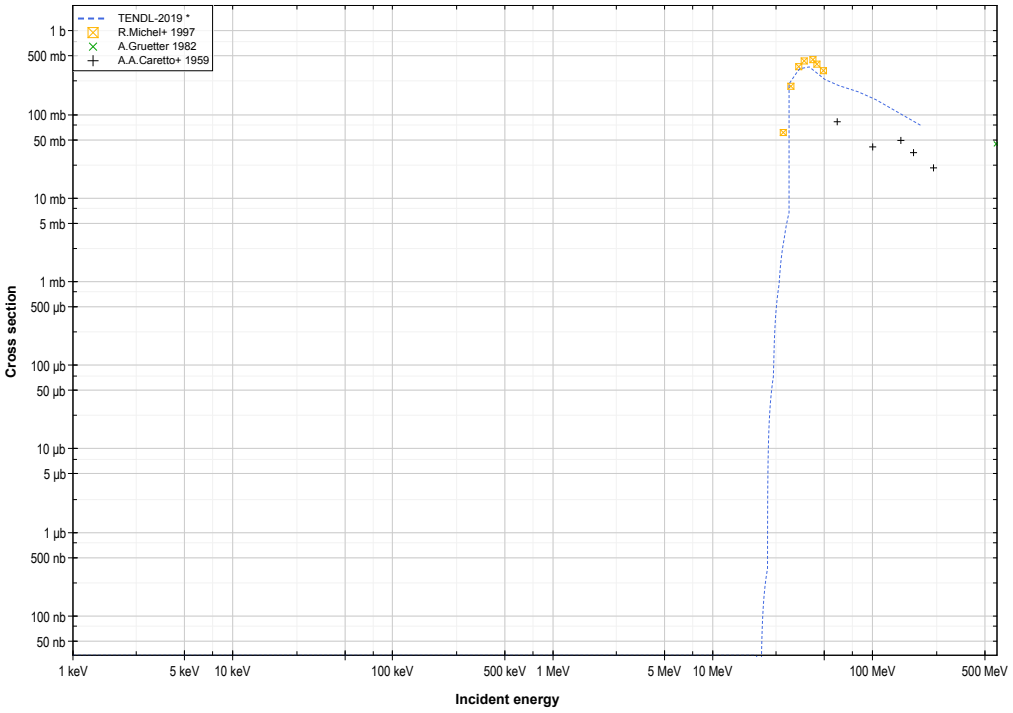
Y89 (p,n+p) or Y88 production lin-log



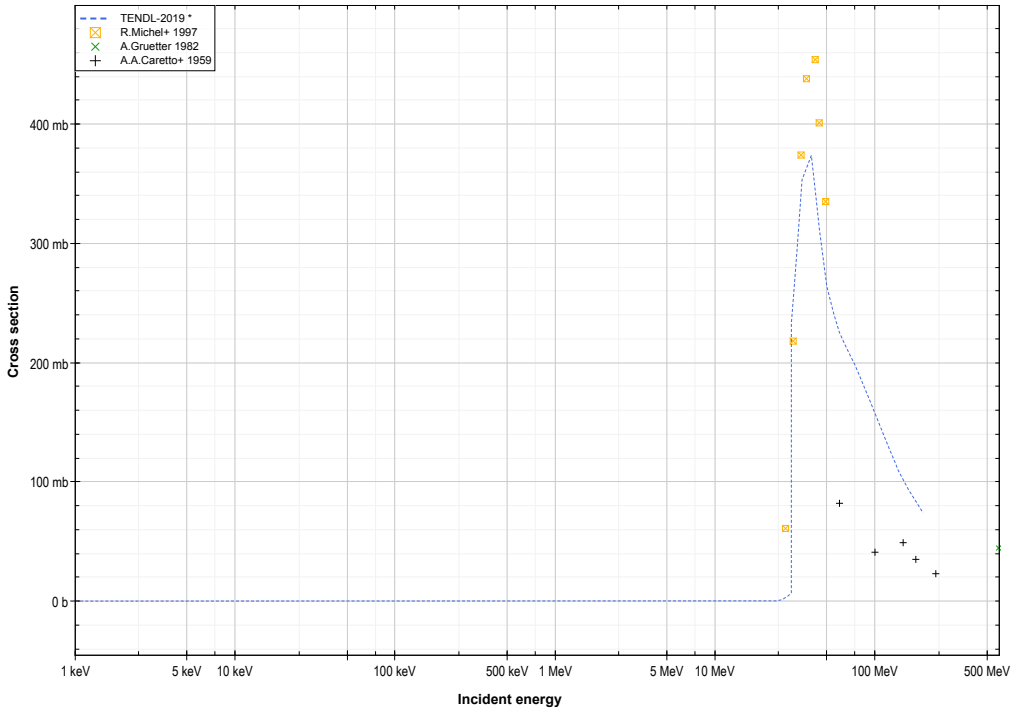
Reaction	Q-Value
Y89(p,d)Y88	-9256.15 keV
Y89(p,n+p)Y88	-11480.72 keV

<< 37-Rb-85	**39-Y-89**	50-Sn-112 >>
<< MT28 (p,n+p)	**MT32 (p,n+d) or MT5 (Y87 production)**	MT33 (p,n+t) >>

Y89 (p,n+d) or Y87 production log-log



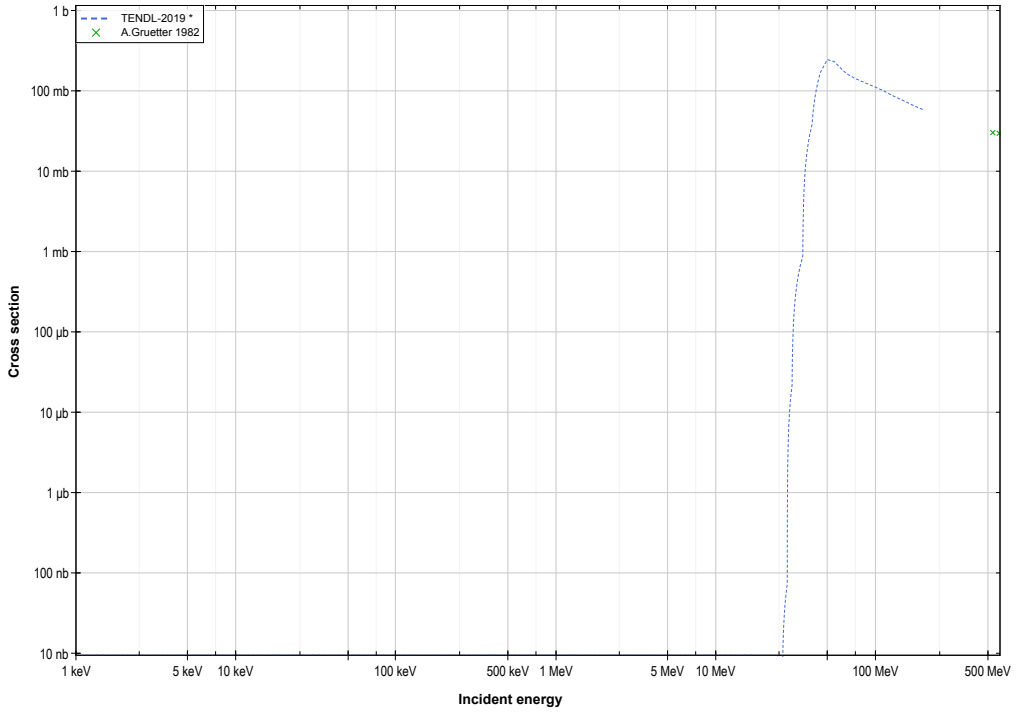
Y89 (p,n+d) or Y87 production lin-log



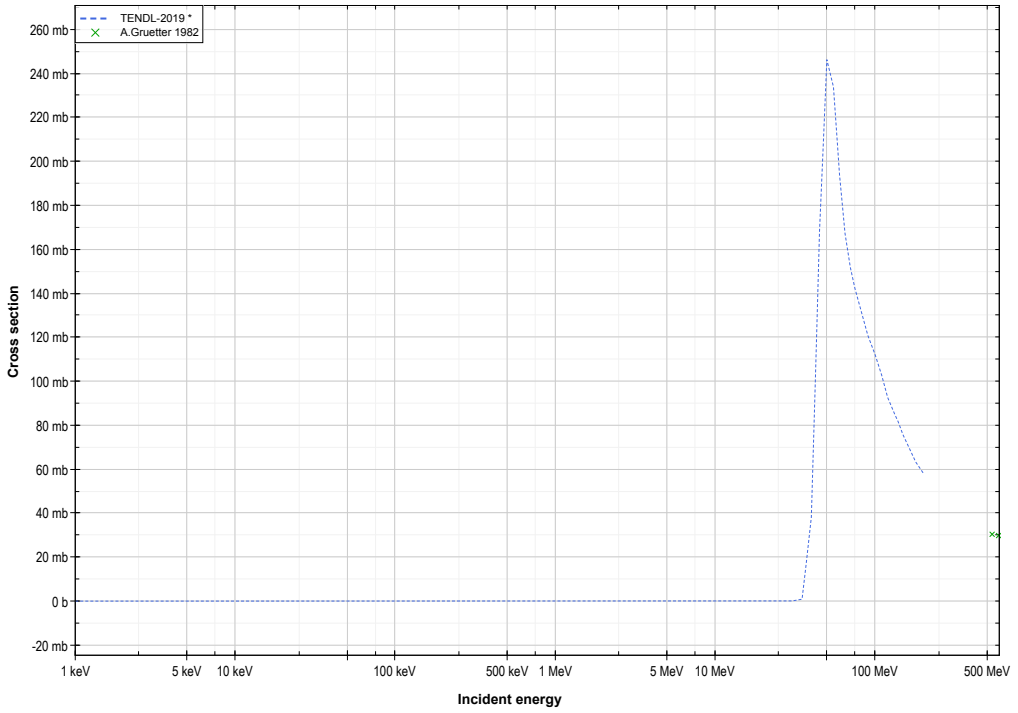
Reaction	Q-Value
Y89(p,t)Y87	-12350.84 keV
Y89(p,n+d)Y87	-18608.07 keV
Y89(p,2n+p)Y87	-20832.63 keV

<< 35-Br-81	**39-Y-89**	52-Te-122 >>
<< MT32 (p,n+d)	**MT33 (p,n+t) or MT5 (Y86 production)**	MT37 (p,4n) >>

Y89 (p,n+t) or Y86 production log-log



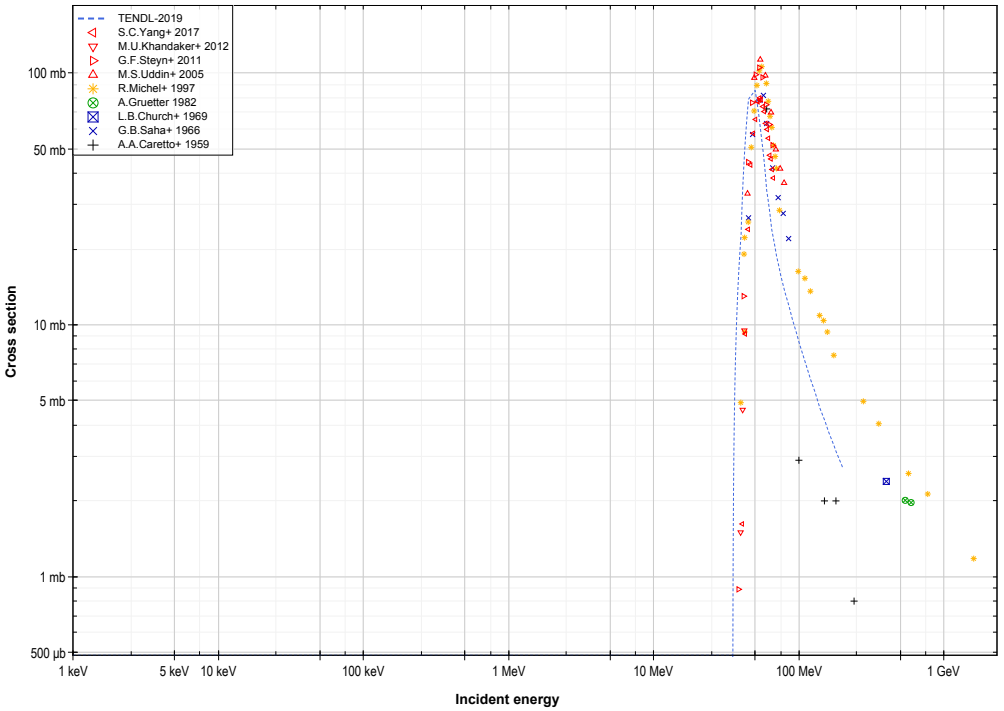
Y89 (p,n+t) or Y86 production lin-log



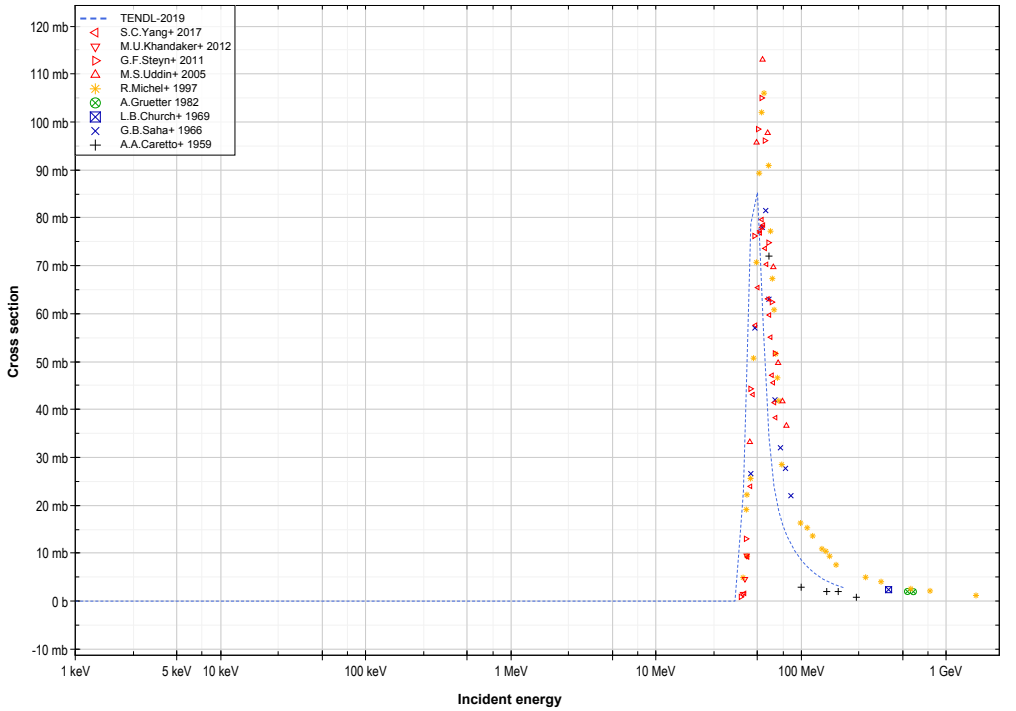
Reaction	Q-Value
Y89(p,n+t)Y86	-24157.56 keV
Y89(p,2n+d)Y86	-30414.79 keV
Y89(p,3n+p)Y86	-32639.35 keV

<< 38-Sr-88	**39-Y-89**	41-Nb-93 >>
<< MT33 (p,n+t)	**MT37 (p,4n) or MT5 (Zr86 production)**	MT41 (p,2n+p) >>

Y89 (p,4n) or Zr86 production log-log



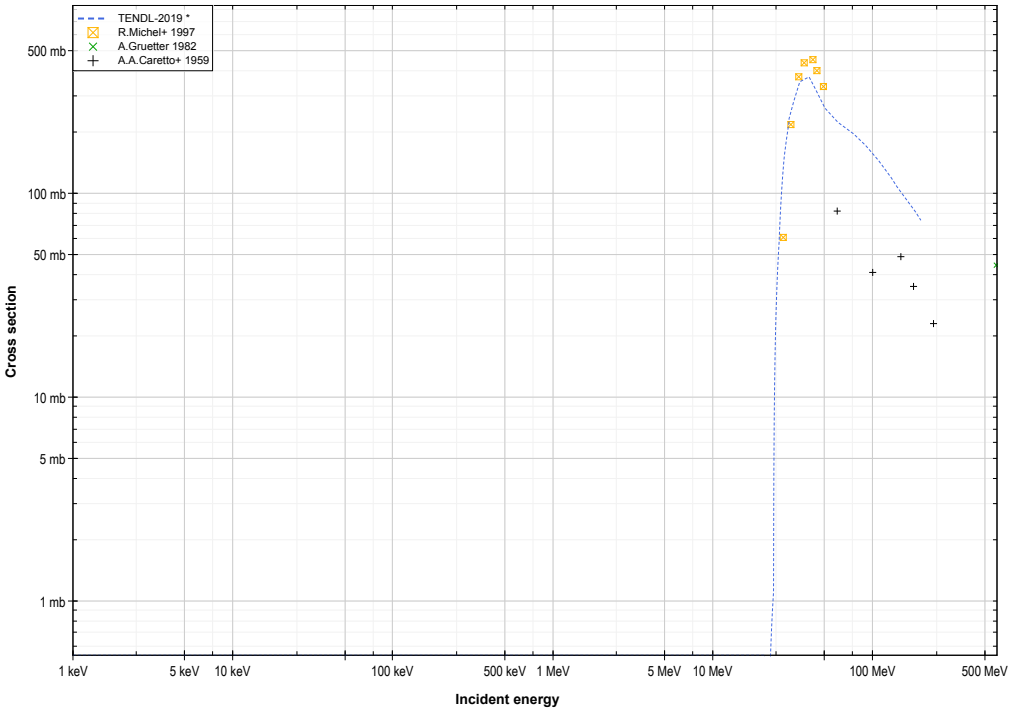
Y89 (p,4n) or Zr86 production lin-log



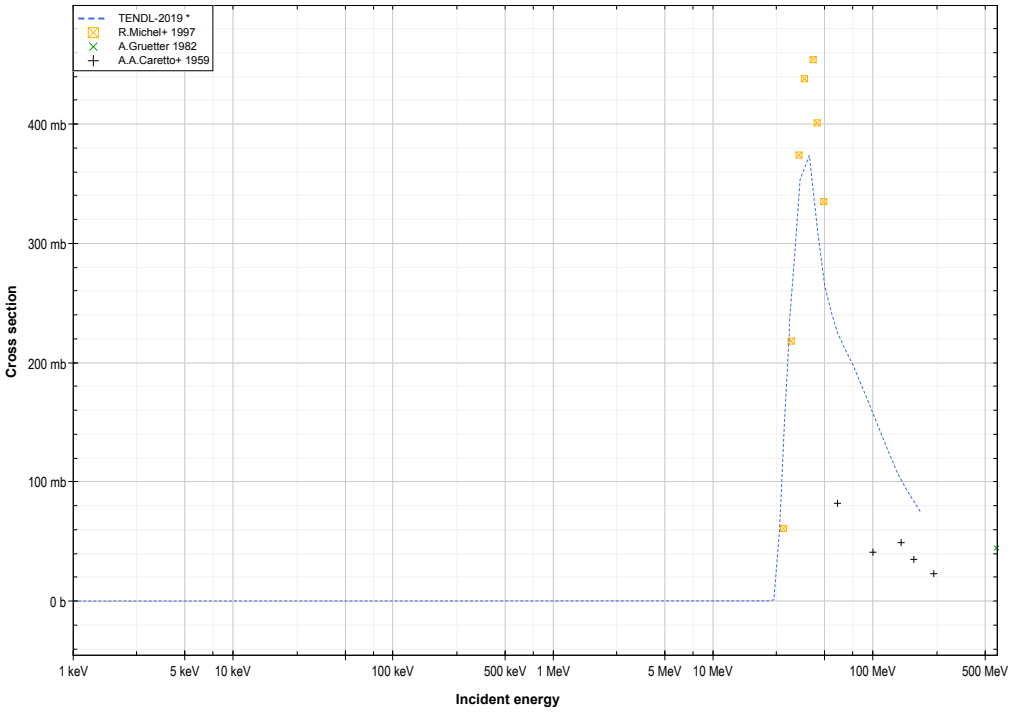
Reaction	Q-Value
Y89(p,4n)Zr86	-34735.70 keV

<< 37-Rb-85	**39-Y-89**	50-Sn-112 >>
<< MT37 (p,4n)	**MT41 (p,2n+p) or MT5 (Y87 production)**	MT42 (p,3n+p) >>

Y89 (p,2n+p) or Y87 production log-log



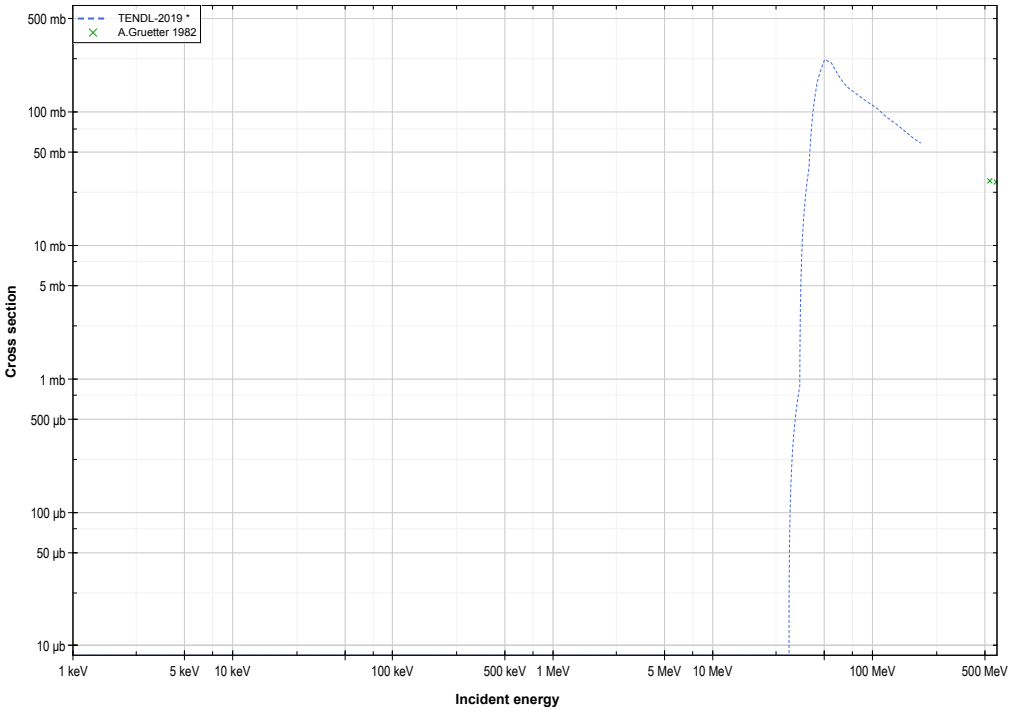
Y89 (p,2n+p) or Y87 production lin-log



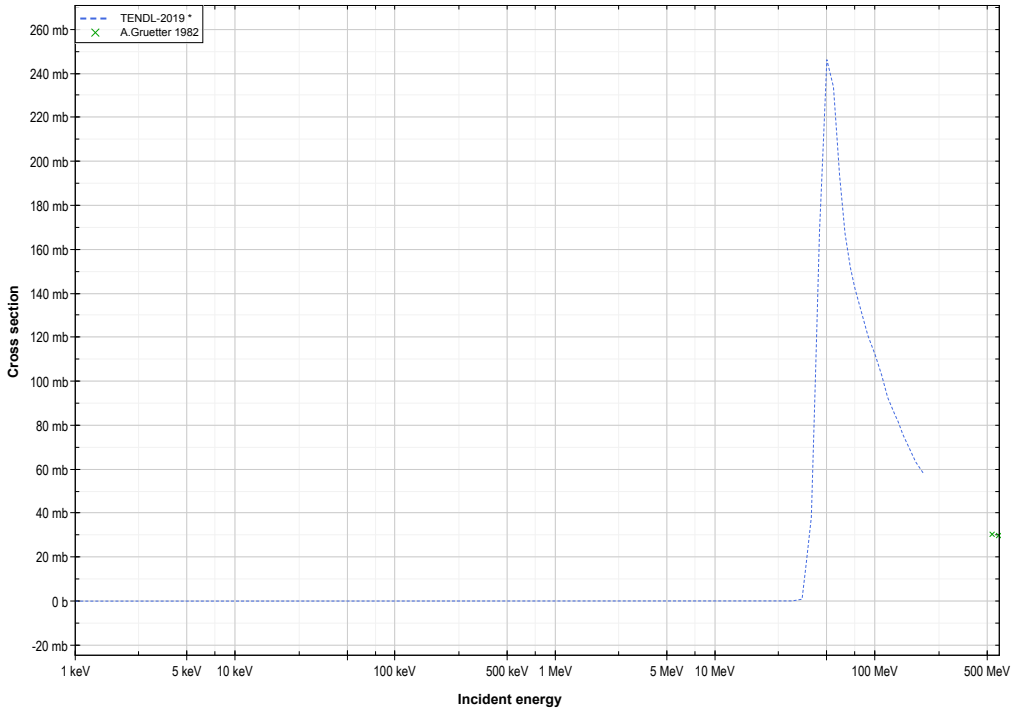
Reaction	Q-Value
Y89(p,t)Y87	-12350.84 keV
Y89(p,n+d)Y87	-18608.07 keV
Y89(p,2n+p)Y87	-20832.63 keV

<< 35-Br-81	**39-Y-89**	52-Te-122 >>
<< MT41 (p,2n+p)	**MT42 (p,3n+p) or MT5 (Y86 production)**	MT45 (p,n+p+α) >>

Y89 (p,3n+p) or Y86 production log-log



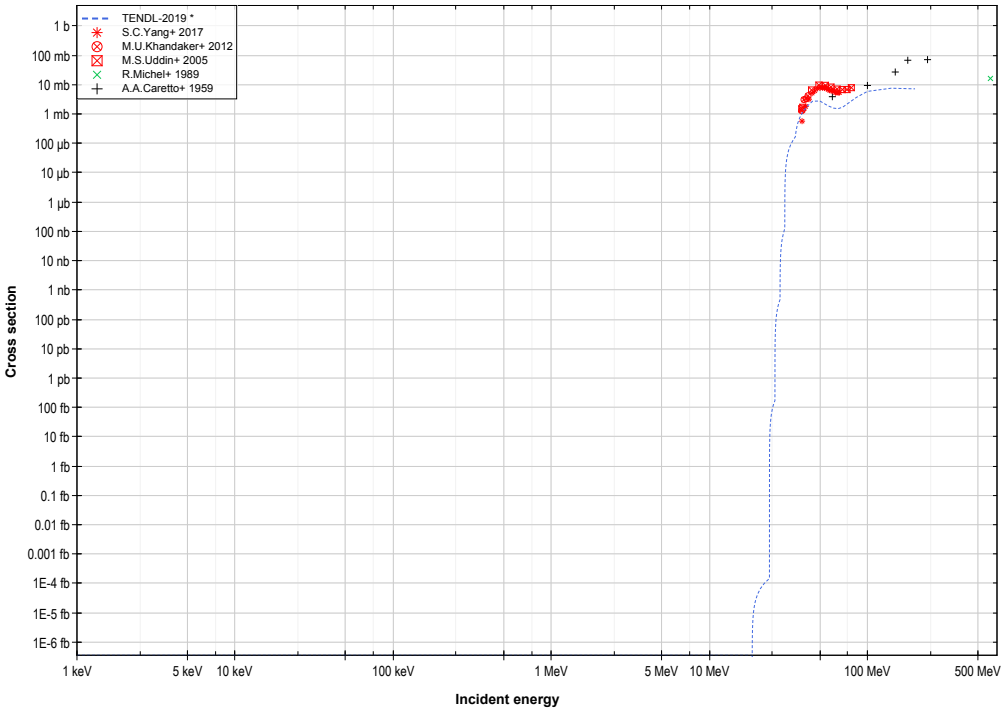
Y89 (p,3n+p) or Y86 production lin-log



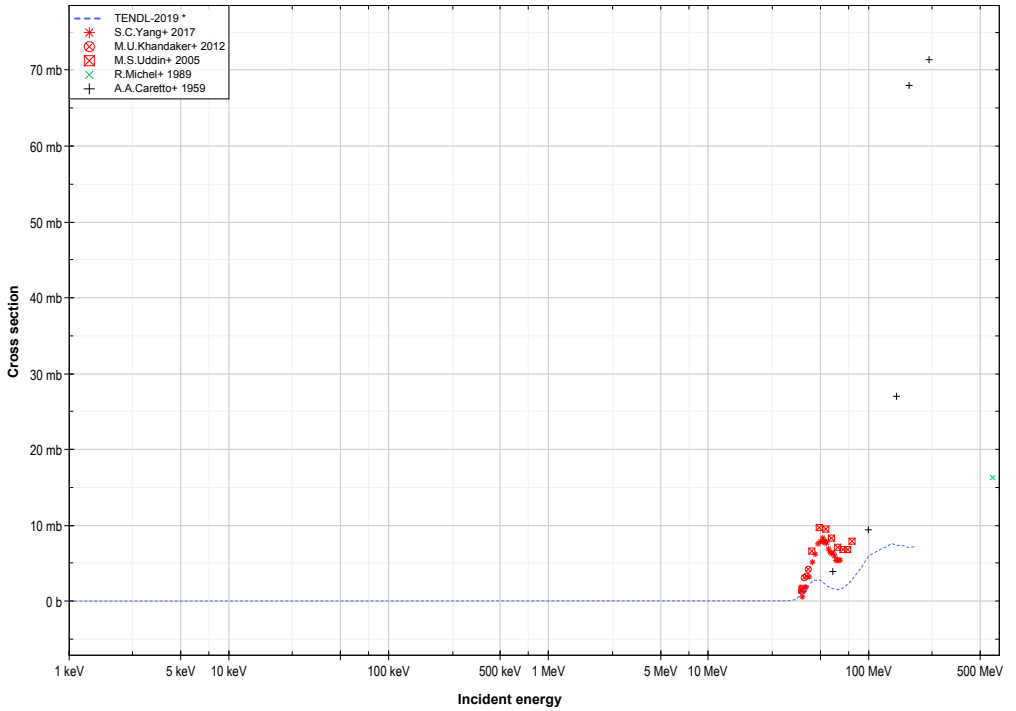
Reaction	Q-Value
Y89(p,n+t)Y86	-24157.56 keV
Y89(p,2n+d)Y86	-30414.79 keV
Y89(p,3n+p)Y86	-32639.35 keV

<< 32-Ge-70	**39-Y-89**	41-Nb-93 >>
<< MT42 (p,3n+p)	**MT45 (p,n+p+α) or MT5 (Rb84 production)**	MT104 (p,d) >>

Y89 (p,n+p+α) or Rb84 production log-log



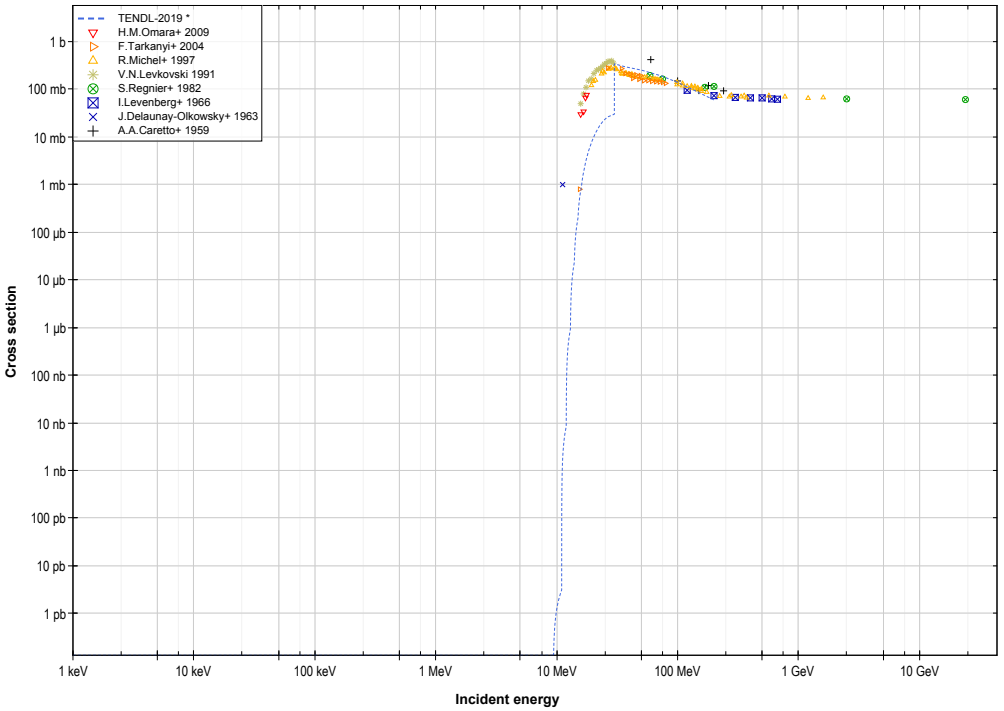
Y89 (p,n+p+α) or Rb84 production lin-log



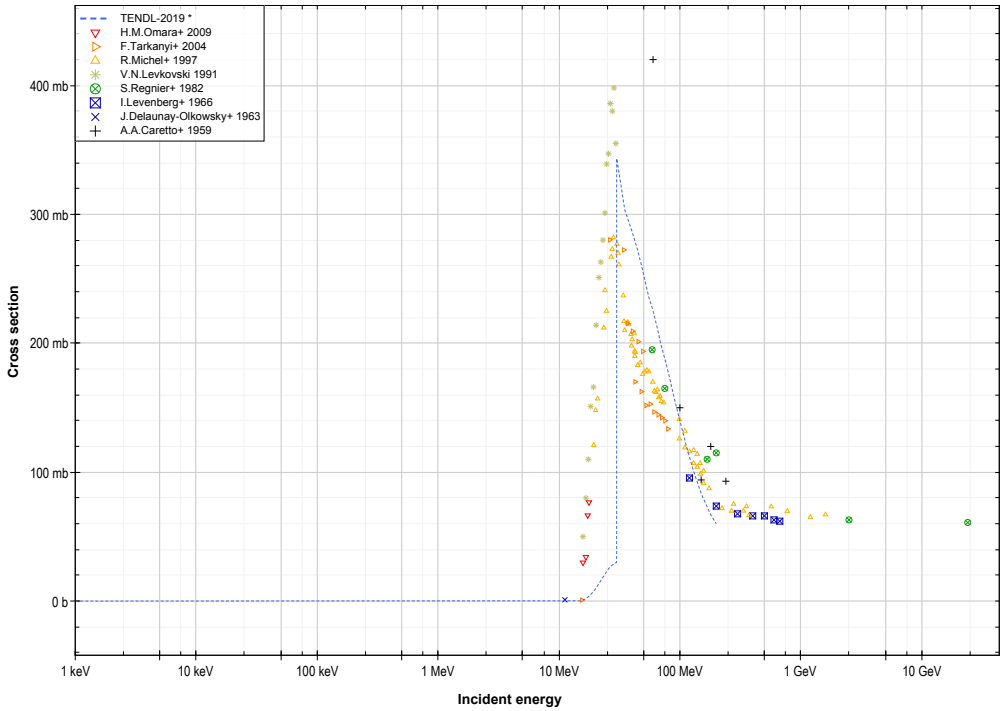
Reaction	Q-Value	Reaction	Q-Value
Y89(p,d+α)Rb84	-16221.07 keV	Y89(p,n+p+2d)Rb84	-42292.16 keV
Y89(p,n+p+α)Rb84	-18445.63 keV	Y89(p,2n+2p+d)Rb84	-44516.73 keV
Y89(p,t+He3)Rb84	-30541.46 keV	Y89(p,3n+3p)Rb84	-46741.29 keV
Y89(p,p+d+t)Rb84	-36034.93 keV		
Y89(p,n+d+He3)Rb84	-36798.69 keV		
Y89(p,n+2p+t)Rb84	-38259.50 keV		
Y89(p,2n+p+He3)Rb84	-39023.25 keV		
Y89(p,3d)Rb84	-40067.59 keV		

<< 38-Sr-86	**39-Y-89**	40-Zr-90 >>
<< MT45 (p,n+p+α)	**MT104 (p,d) or MT5 (Y88 production)**	MT105 (p,t) >>

Y89 (p,d) or Y88 production log-log



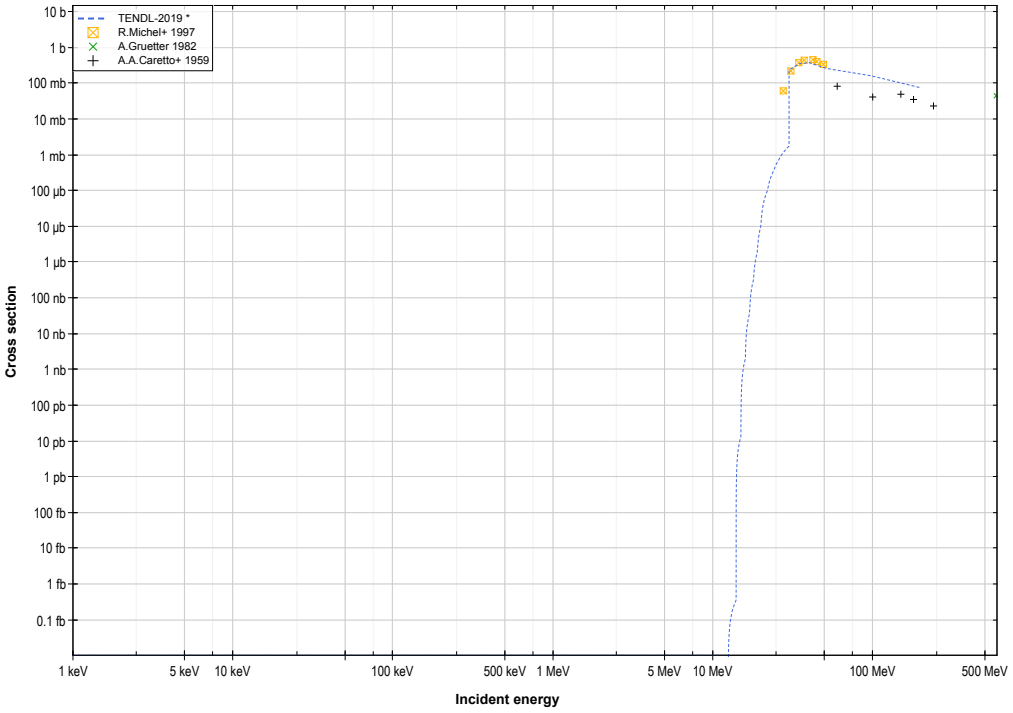
Y89 (p,d) or Y88 production lin-log



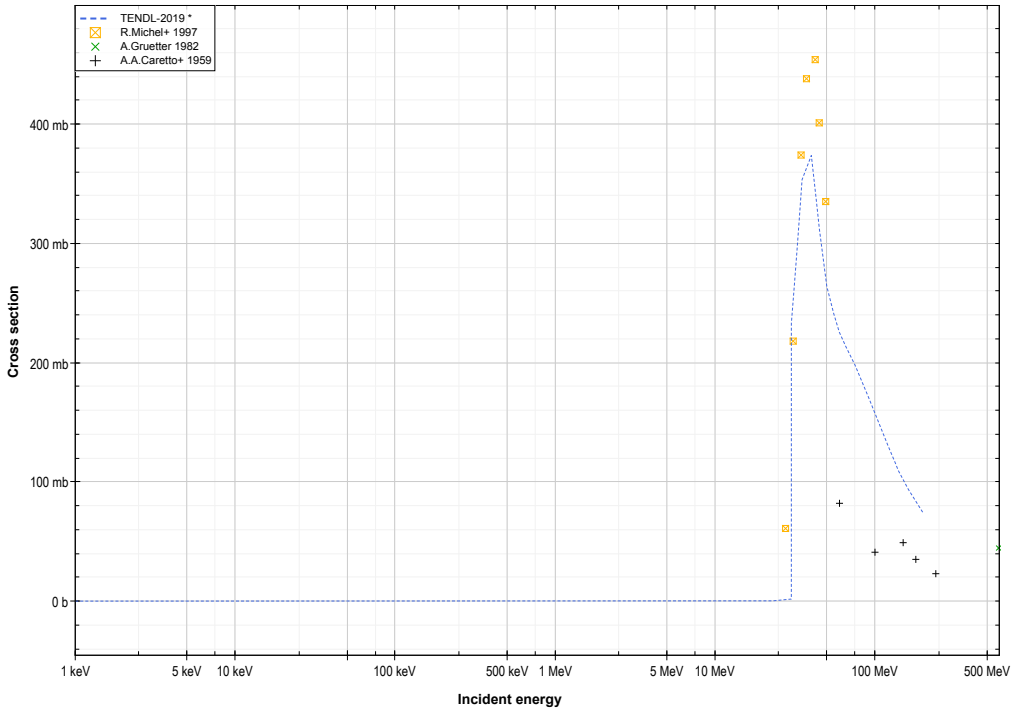
Reaction	Q-Value
Y89(p,d)Y88	-9256.15 keV
Y89(p,n+p)Y88	-11480.72 keV

<< 37-Rb-85	**39-Y-89**	50-Sn-112 >>
<< MT104 (p,d)	**MT105 (p,t) or MT5 (Y87 production)**	MT114 (p,d+2α) >>

Y89 (p,t) or Y87 production log-log



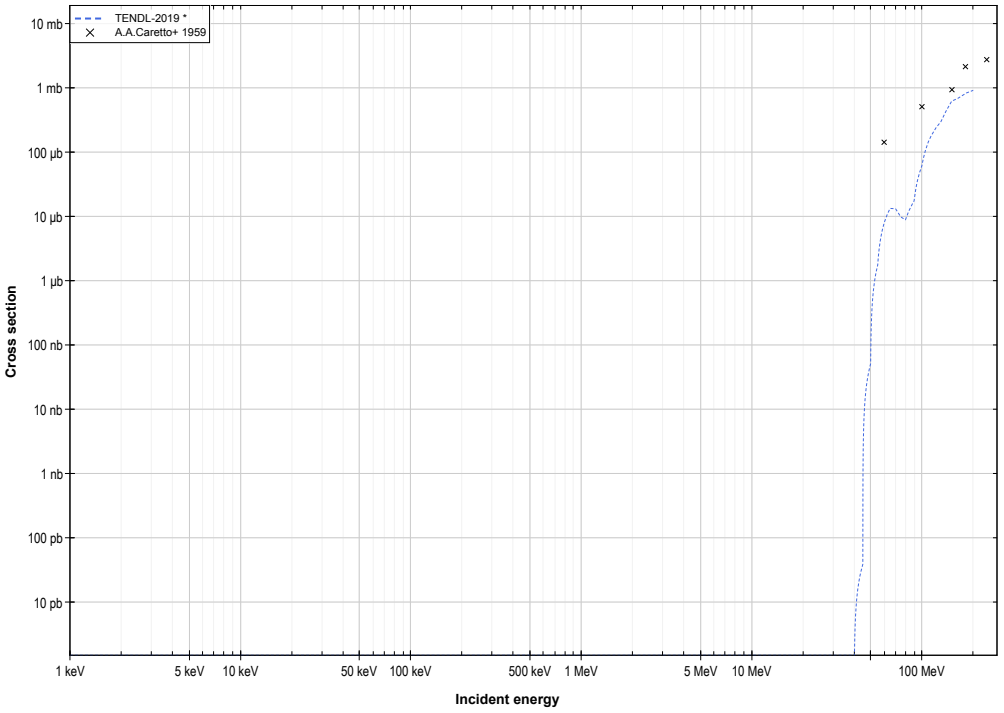
Y89 (p,t) or Y87 production lin-log



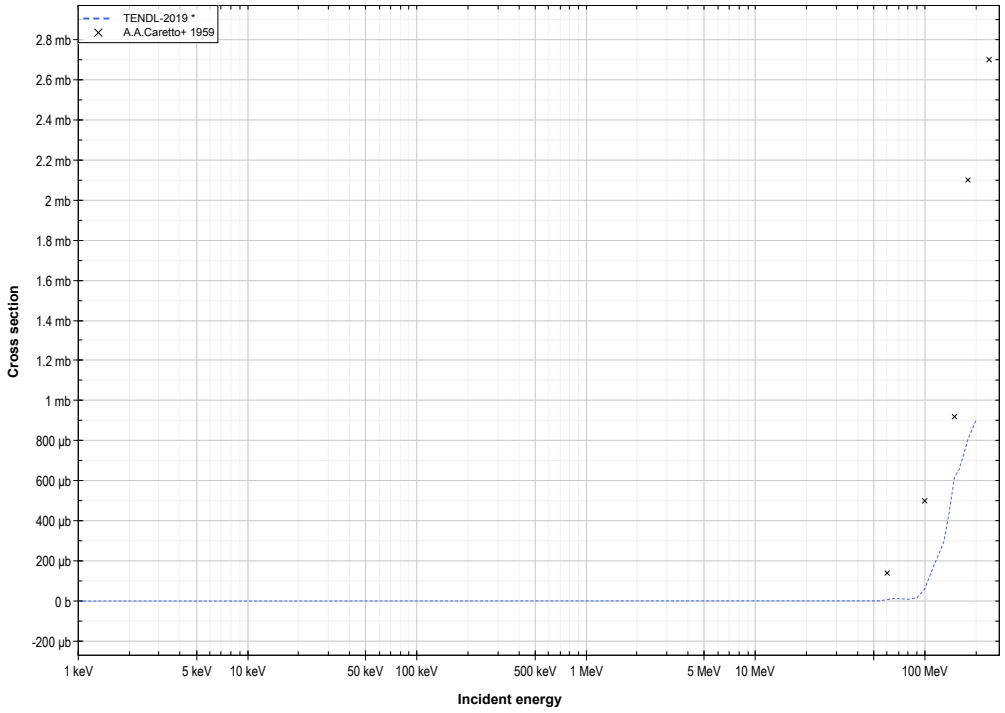
Reaction	Q-Value
Y89(p,t)Y87	-12350.84 keV
Y89(p,n+d)Y87	-18608.07 keV
Y89(p,2n+p)Y87	-20832.63 keV

<< 29-Cu-63	**39-Y-89**	
<< MT105 (p,t)	**MT114 (p,d+2α) or MT5 (Br80 production)**	MT117 (p,d+α) >>

Y89 (p,d+2α) or Br80 production log-log



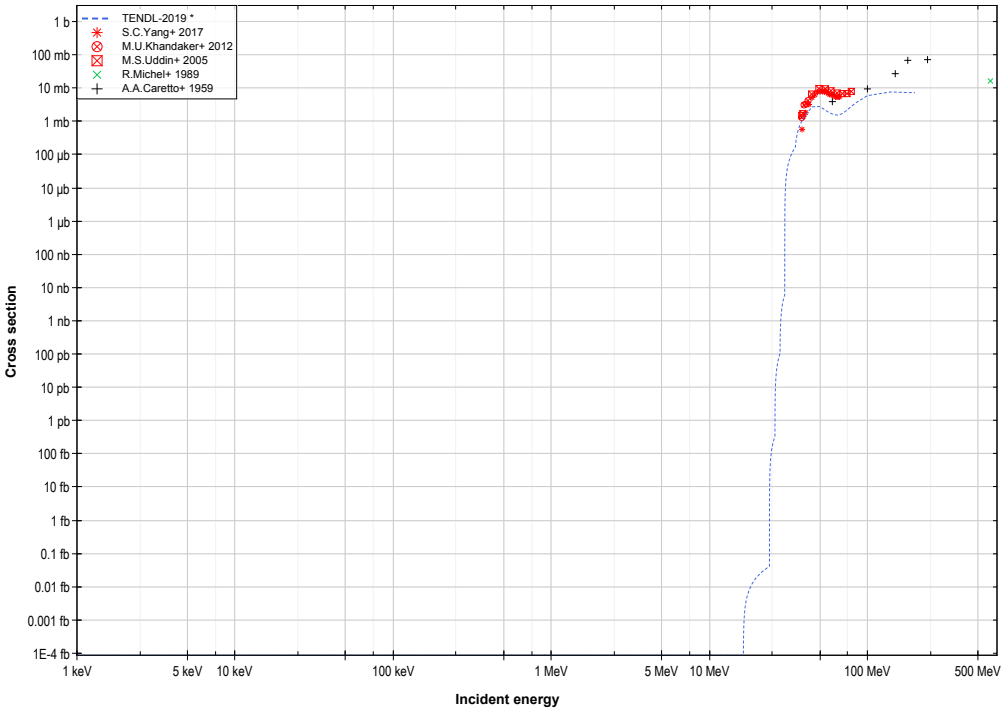
Y89 (p,d+2α) or Br80 production lin-log



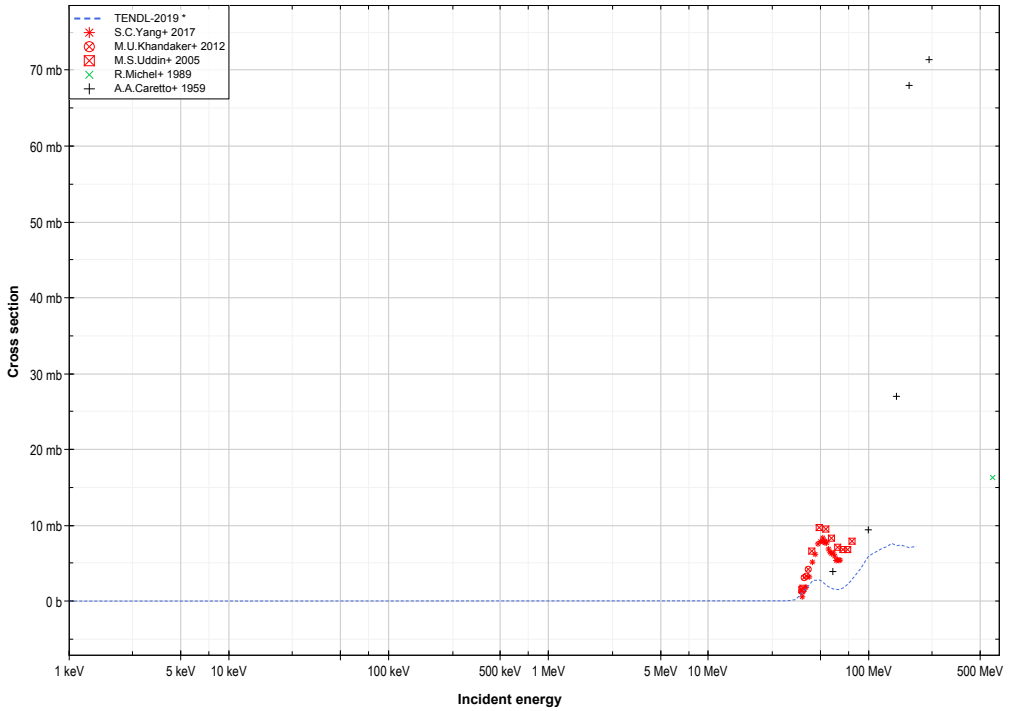
Reaction	Q-Value	Reaction	Q-Value
Y89(p,d+2α)Br80	-22515.98 keV	Y89(p,n+p+2d+α)Br80	-48587.08 keV
Y89(p,n+p+2α)Br80	-24740.55 keV	Y89(p,2n+2p+d+α)Br80	-50811.64 keV
Y89(p,t+He3+α)Br80	-36836.37 keV	Y89(p,3n+3p+α)Br80	-53036.21 keV
Y89(p,p+d+t+α)Br80	-42329.85 keV	Y89(p,p+2t+He3)Br80	-56650.24 keV
Y89(p,n+d+He3+α)Br80	-43093.60 keV	Y89(p,n+t+2He3)Br80	-57413.99 keV
Y89(p,n+2p+t+α)Br80	-44554.41 keV	Y89(p,2d+t+He3)Br80	-60682.90 keV
Y89(p,2n+p+He3+α)Br80	-45318.17 keV	Y89(p,2p+d+2t)Br80	-62143.71 keV
Y89(p,3d+α)Br80	-46362.51 keV	Y89(p,n+p+d+t+He3)Br80	-62907.47 keV

<< 32-Ge-70	**39-Y-89**	41-Nb-93 >>
<< MT114 (p,d+2α)	**MT117 (p,d+α) or MT5 (Rb84 production)**	MT154 (p,2n+t) >>

Y89 (p,d+α) or Rb84 production log-log



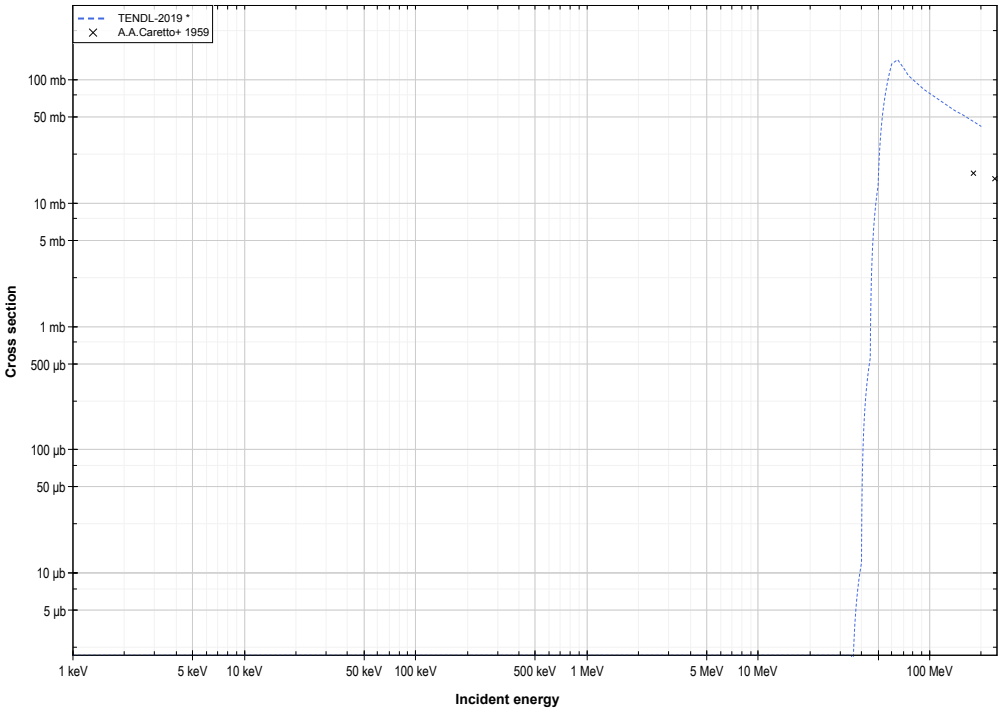
Y89 (p,d+α) or Rb84 production lin-log



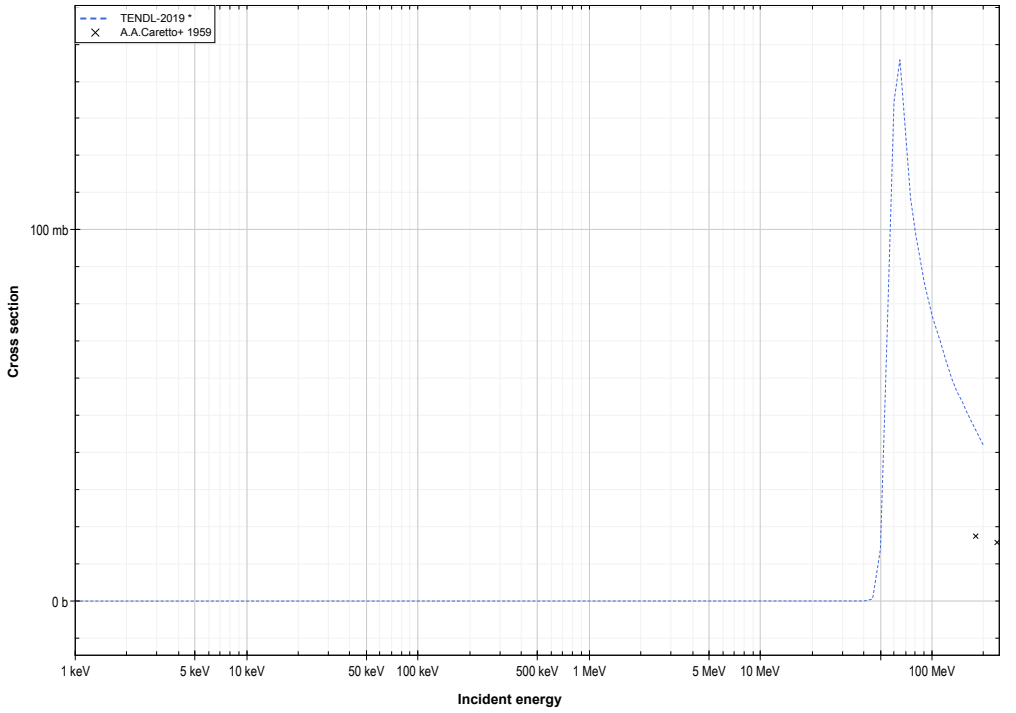
Reaction	Q-Value	Reaction	Q-Value
Y89(p,d+α)Rb84	-16221.07 keV	Y89(p,n+p+2d)Rb84	-42292.16 keV
Y89(p,n+p+α)Rb84	-18445.63 keV	Y89(p,2n+2p+d)Rb84	-44516.73 keV
Y89(p,t+He3)Rb84	-30541.46 keV	Y89(p,3n+3p)Rb84	-46741.29 keV
Y89(p,p+d+t)Rb84	-36034.93 keV		
Y89(p,n+d+He3)Rb84	-36798.69 keV		
Y89(p,n+2p+t)Rb84	-38259.50 keV		
Y89(p,2n+p+He3)Rb84	-39023.25 keV		
Y89(p,3d)Rb84	-40067.59 keV		

<< 30-Zn-66	**39-Y-89**	41-Nb-93 >>
<< MT117 (p,d+α)	**MT154 (p,2n+t) or MT5 (Y85 production)**	MT155 (p,t+α) >>

Y89 (p,2n+t) or Y85 production log-log



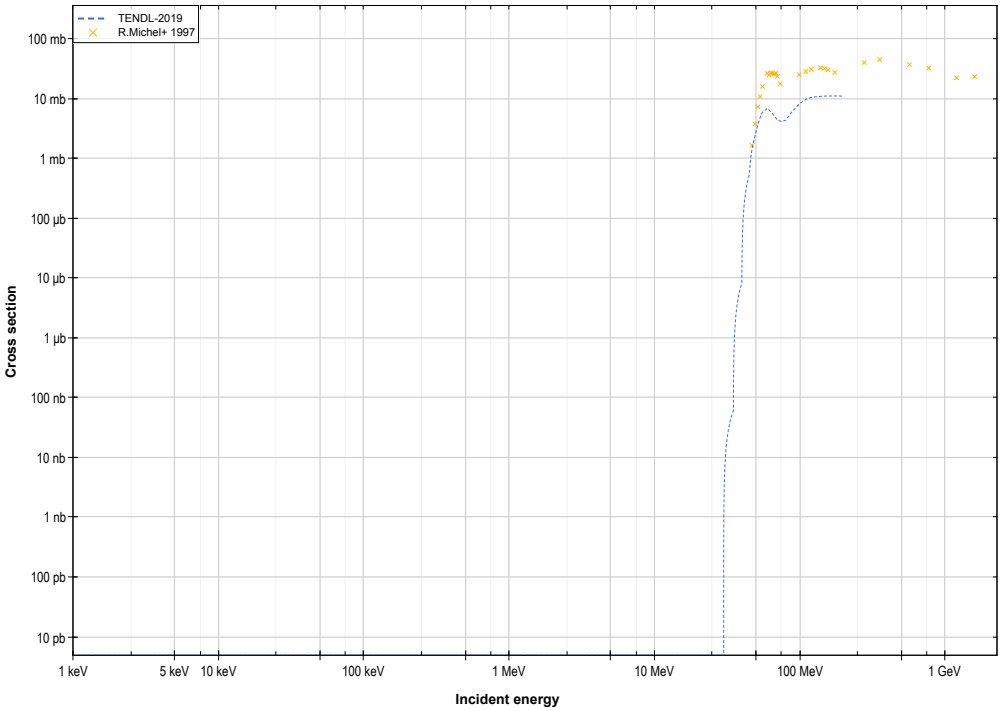
Y89 (p,2n+t) or Y85 production lin-log



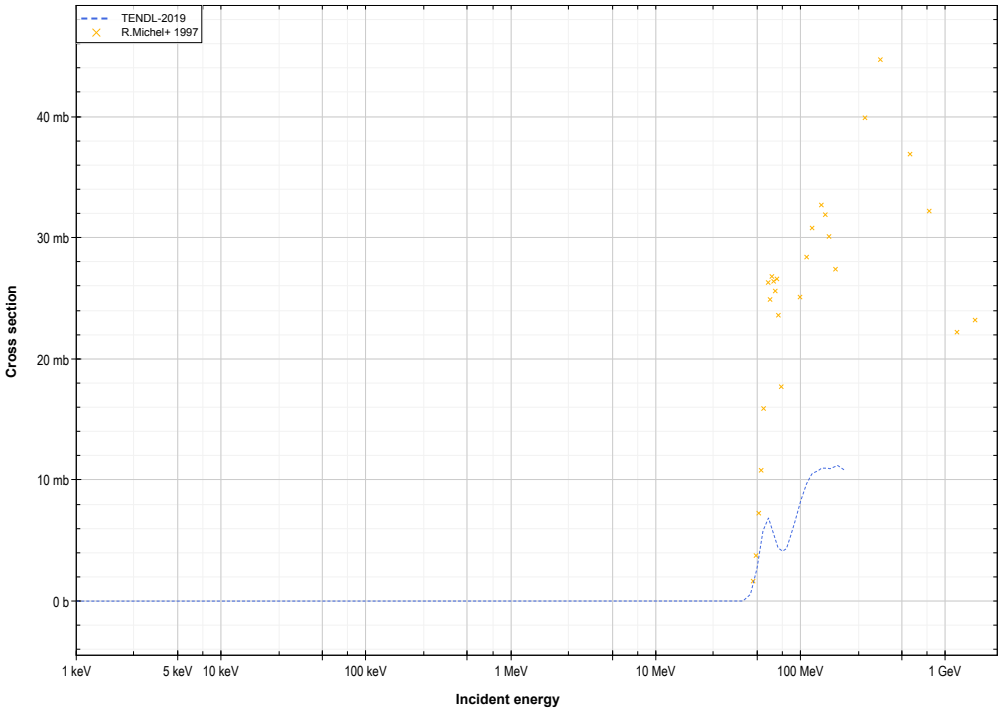
Reaction	Q-Value
Y89(p,2n+t)Y85	-33669.87 keV
Y89(p,3n+d)Y85	-39927.10 keV
Y89(p,4n+p)Y85	-42151.67 keV

<< 9-F-19	**39-Y-89**	
<< MT154 (p,2n+t)	**MT155 (p,t+α) or MT5 (Rb83 production)**	MT156 (p,4n+p) >>

Y89 (p,t+α) or Rb83 production log-log



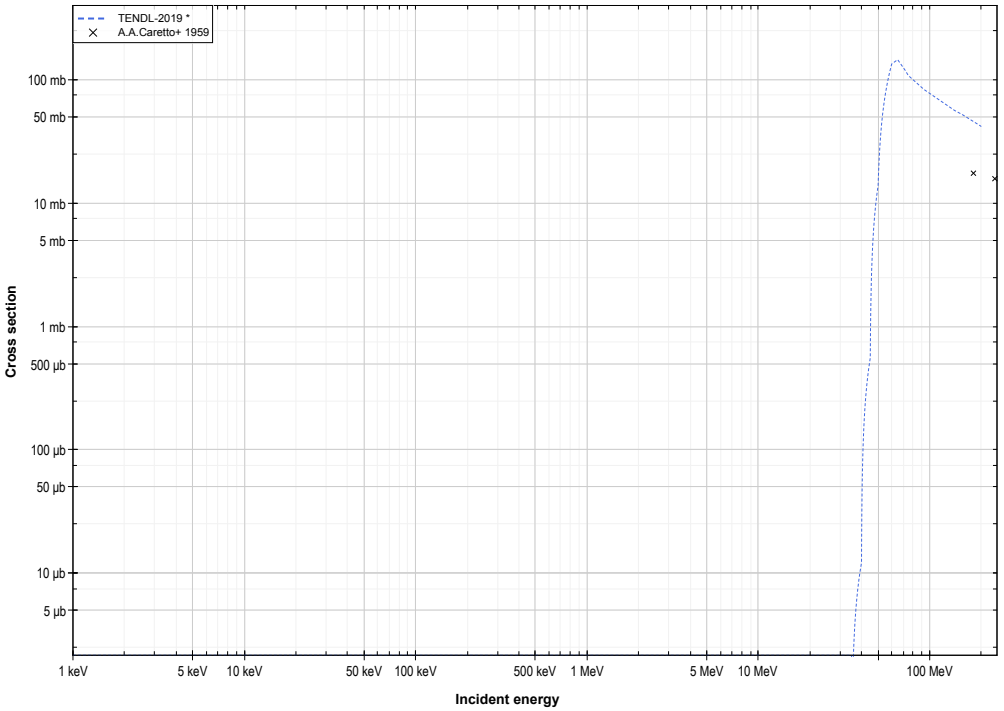
Y89 (p,t+α) or Rb83 production lin-log



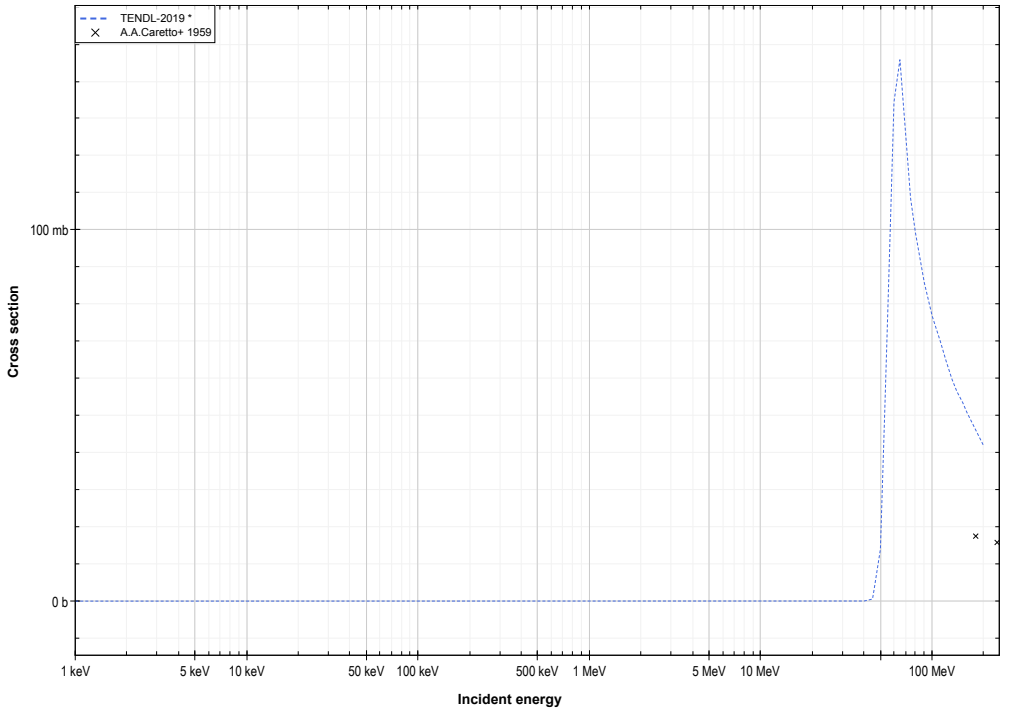
Reaction	Q-Value	Reaction	Q-Value
Y89(p,t+α)Rb83	-18723.55 keV	Y89(p,2n+2p+t)Rb83	-47019.21 keV
Y89(p,n+d+α)Rb83	-24980.78 keV	Y89(p,3n+p+He3)Rb83	-47782.97 keV
Y89(p,2n+p+α)Rb83	-27205.35 keV	Y89(p,n+3d)Rb83	-48827.31 keV
Y89(p,p+2t)Rb83	-38537.42 keV	Y89(p,2n+p+2d)Rb83	-51051.88 keV
Y89(p,n+t+He3)Rb83	-39301.17 keV	Y89(p,3n+2p+d)Rb83	-53276.44 keV
Y89(p,2d+t)Rb83	-42570.08 keV	Y89(p,4n+3p)Rb83	-55501.01 keV
Y89(p,n+p+d+t)Rb83	-44794.65 keV		
Y89(p,2n+d+He3)Rb83	-45558.40 keV		

<< 31-Ga-69	**39-Y-89**	41-Nb-93 >>
<< MT155 (p,t+α)	**MT156 (p,4n+p) or MT5 (Y85 production)**	MT157 (p,3n+d) >>

Y89 (p,4n+p) or Y85 production log-log



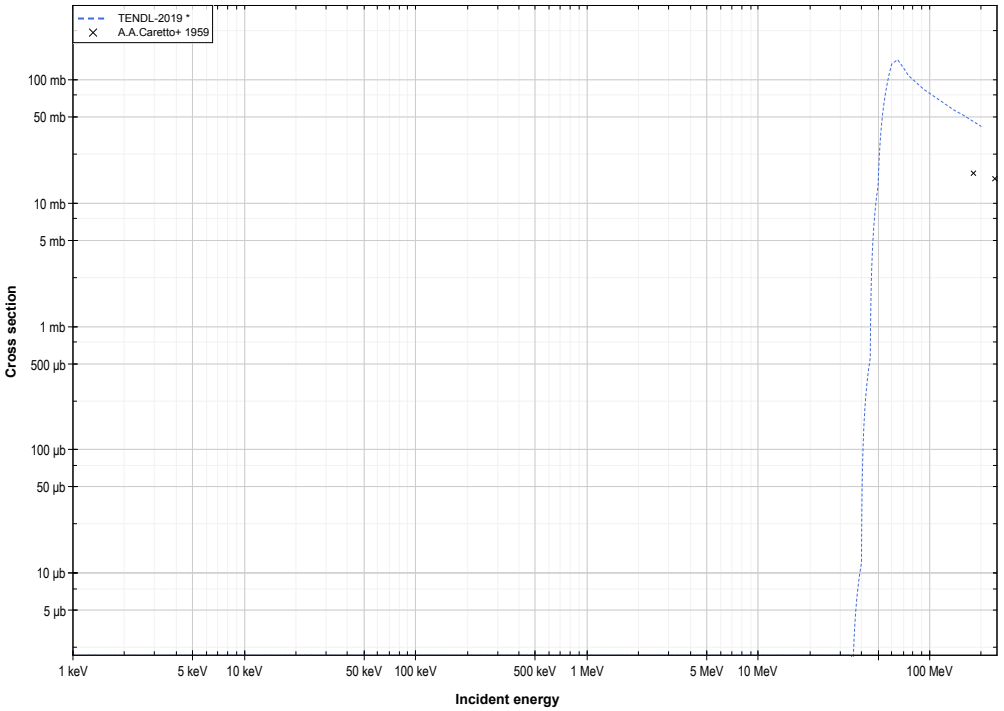
Y89 (p,4n+p) or Y85 production lin-log



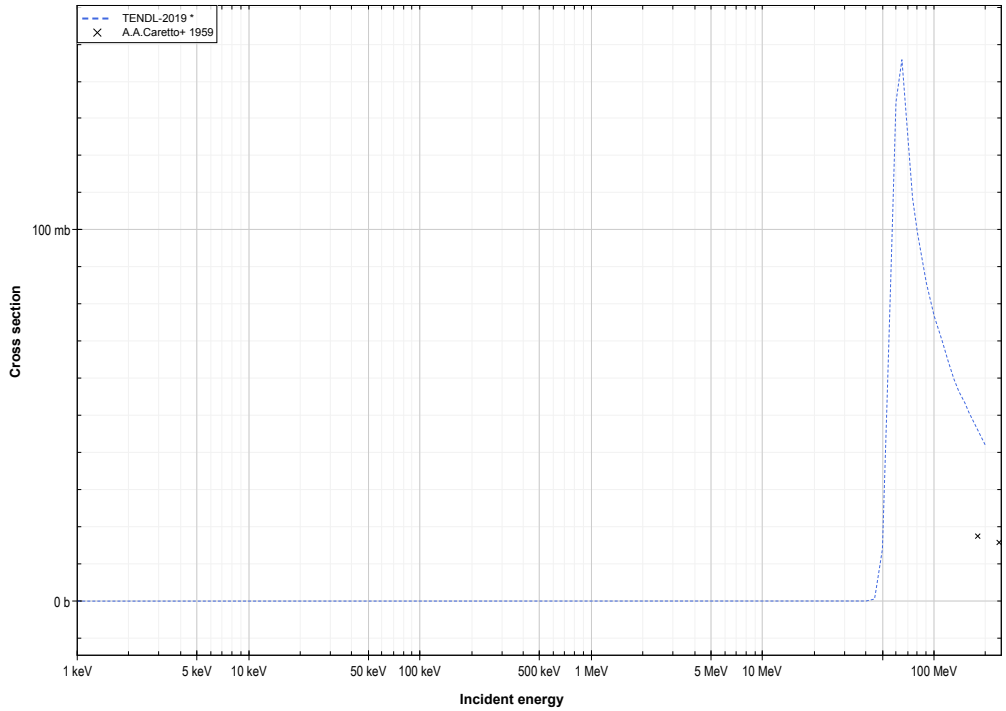
Reaction	Q-Value
Y89(p,2n+t)Y85	-33669.87 keV
Y89(p,3n+d)Y85	-39927.10 keV
Y89(p,4n+p)Y85	-42151.67 keV

<< 30-Zn-66	**39-Y-89**	41-Nb-93 >>
<< MT156 (p,4n+p)	**MT157 (p,3n+d) or MT5 (Y85 production)**	MT158 (p,n+d+α) >>

Y89 (p,3n+d) or Y85 production log-log



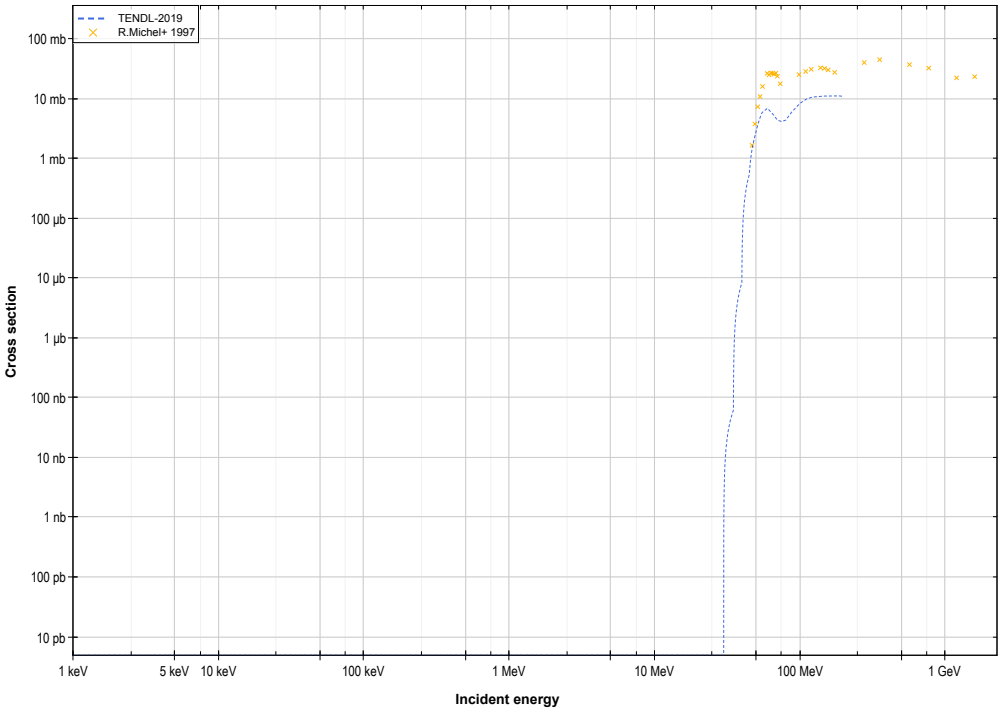
Y89 (p,3n+d) or Y85 production lin-log



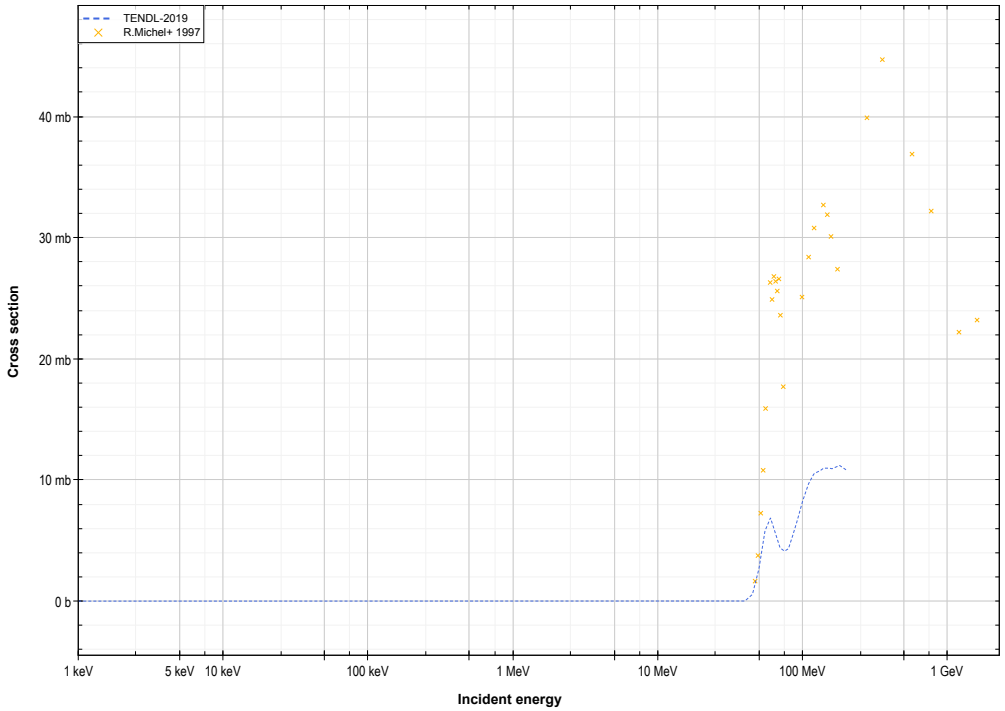
Reaction	Q-Value
Y89(p,2n+t)Y85	-33669.87 keV
Y89(p,3n+d)Y85	-39927.10 keV
Y89(p,4n+p)Y85	-42151.67 keV

<< 9-F-19	**39-Y-89**	
<< MT157 (p,3n+d)	**MT158 (p,n+d+α) or MT5 (Rb83 production)**	MT159 (p,2n+p+α) >>

Y89 (p,n+d+α) or Rb83 production log-log



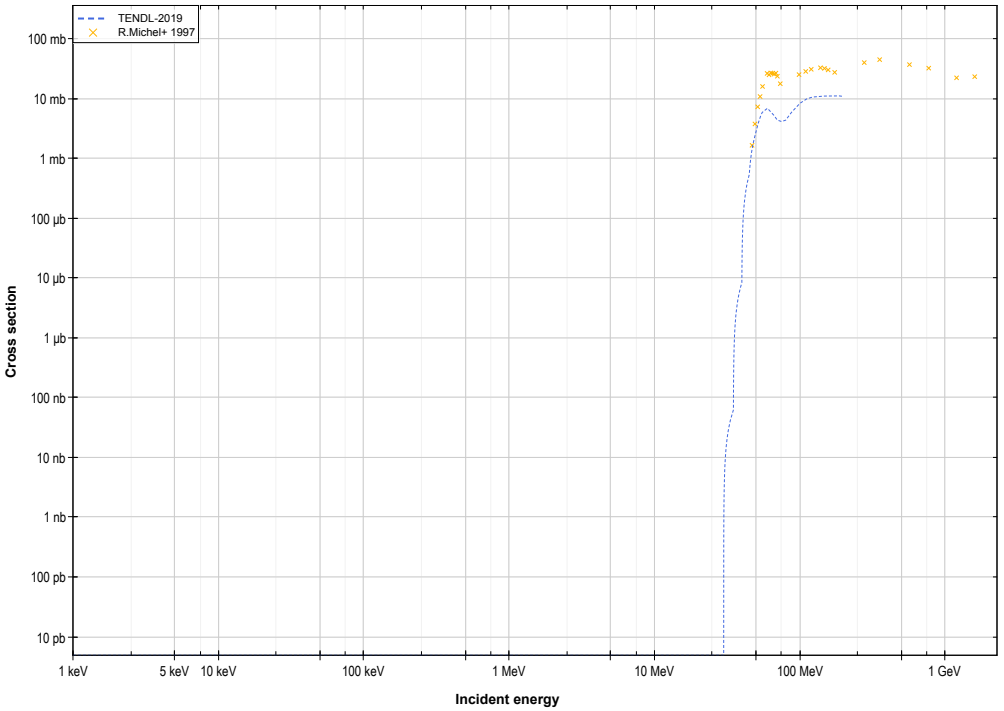
Y89 (p,n+d+α) or Rb83 production lin-log



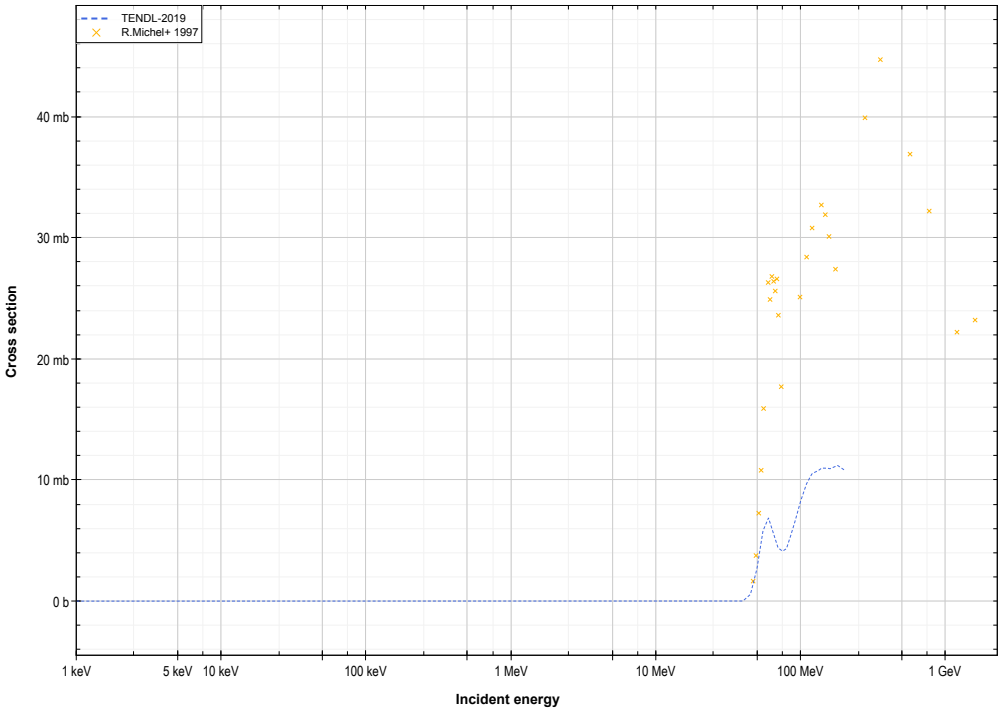
Reaction	Q-Value	Reaction	Q-Value
Y89(p,t+α)Rb83	-18723.55 keV	Y89(p,2n+2p+t)Rb83	-47019.21 keV
Y89(p,n+d+α)Rb83	-24980.78 keV	Y89(p,3n+p+He3)Rb83	-47782.97 keV
Y89(p,2n+p+α)Rb83	-27205.35 keV	Y89(p,n+3d)Rb83	-48827.31 keV
Y89(p,p+2t)Rb83	-38537.42 keV	Y89(p,2n+p+2d)Rb83	-51051.88 keV
Y89(p,n+t+He3)Rb83	-39301.17 keV	Y89(p,3n+2p+d)Rb83	-53276.44 keV
Y89(p,2d+t)Rb83	-42570.08 keV	Y89(p,4n+3p)Rb83	-55501.01 keV
Y89(p,n+p+d+t)Rb83	-44794.65 keV		
Y89(p,2n+d+He3)Rb83	-45558.40 keV		

<< 9-F-19	**39-Y-89**	
<< MT158 (p,n+d+α)	**MT159 (p,2n+p+α) or MT5 (Rb83 production)**	MT164 (p,7n+p) >>

Y89 (p,2n+p+α) or Rb83 production log-log



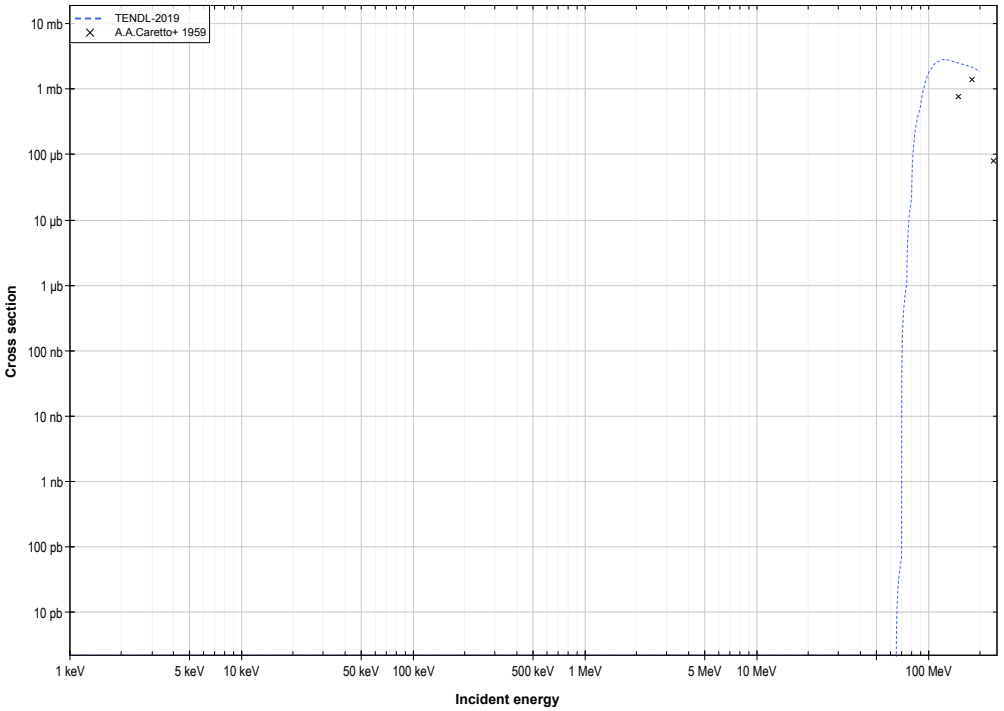
Y89 (p,2n+p+α) or Rb83 production lin-log



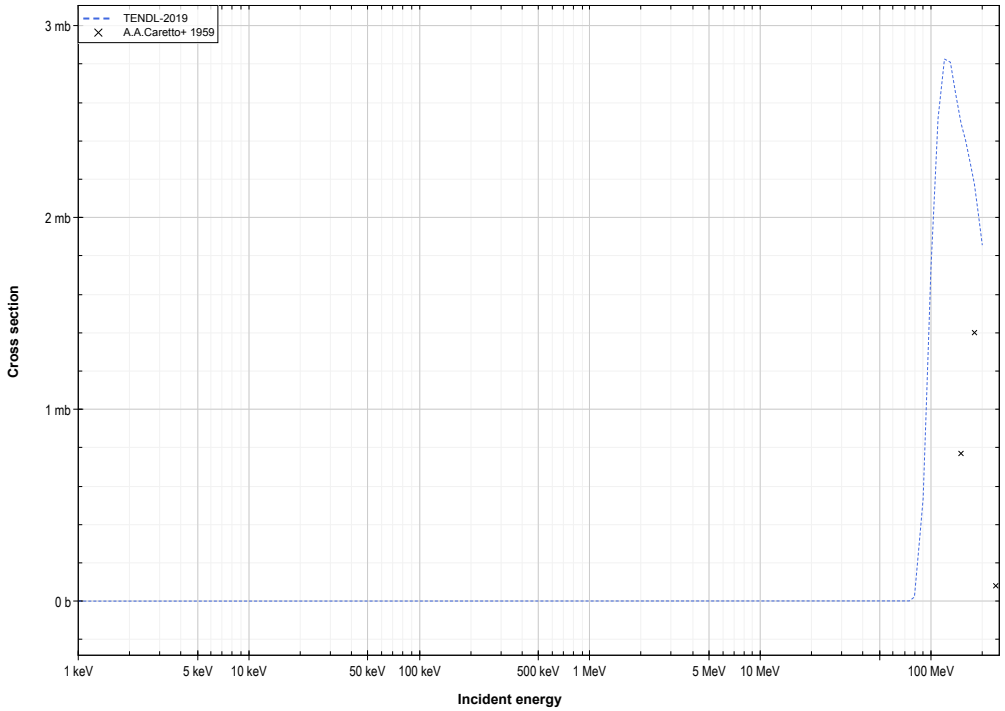
Reaction	Q-Value	Reaction	Q-Value
Y89(p,t+α)Rb83	-18723.55 keV	Y89(p,2n+2p+t)Rb83	-47019.21 keV
Y89(p,n+d+α)Rb83	-24980.78 keV	Y89(p,3n+p+He3)Rb83	-47782.97 keV
Y89(p,2n+p+α)Rb83	-27205.35 keV	Y89(p,n+3d)Rb83	-48827.31 keV
Y89(p,p+2t)Rb83	-38537.42 keV	Y89(p,2n+p+2d)Rb83	-51051.88 keV
Y89(p,n+t+He3)Rb83	-39301.17 keV	Y89(p,3n+2p+d)Rb83	-53276.44 keV
Y89(p,2d+t)Rb83	-42570.08 keV	Y89(p,4n+3p)Rb83	-55501.01 keV
Y89(p,n+p+d+t)Rb83	-44794.65 keV		
Y89(p,2n+d+He3)Rb83	-45558.40 keV		

	39-Y-89	53-I-127 >>
<< MT159 (p,2n+p+α)	**MT164 (p,7n+p) or MT5 (Y82 production)**	MT165 (p,4n+α) >>

Y89 (p,7n+p) or Y82 production log-log



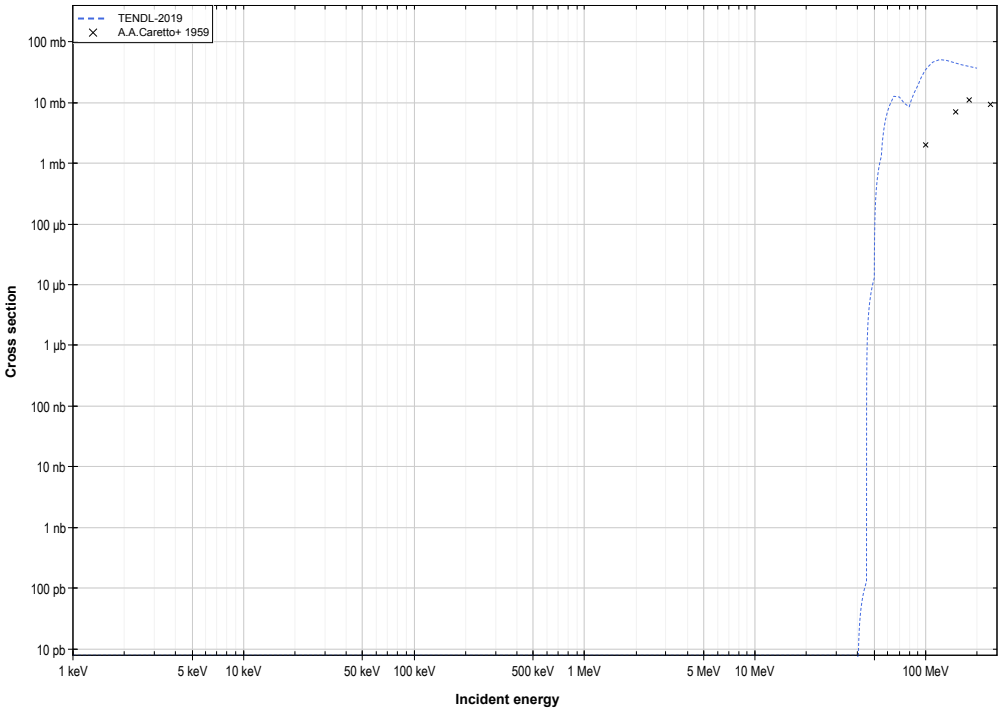
Y89 (p,7n+p) or Y82 production lin-log



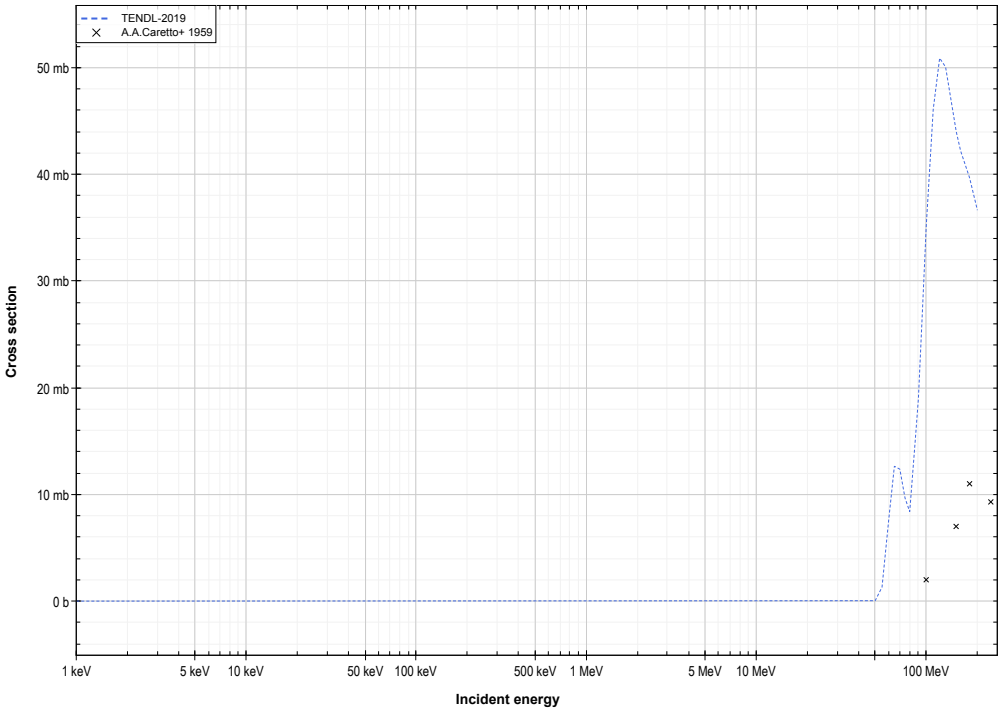
Reaction	Q-Value
Y89(p,5n+t)Y82	-67661.82 keV
Y89(p,6n+d)Y82	-73919.05 keV
Y89(p,7n+p)Y82	-76143.62 keV

<< 27-Co-59	**39-Y-89**	41-Nb-93 >>
<< MT164 (p,7n+p)	**MT165 (p,4n+α) or MT5 (Sr82 production)**	MT171 (p,6n+d) >>

Y89 (p,4n+α) or Sr82 production log-log



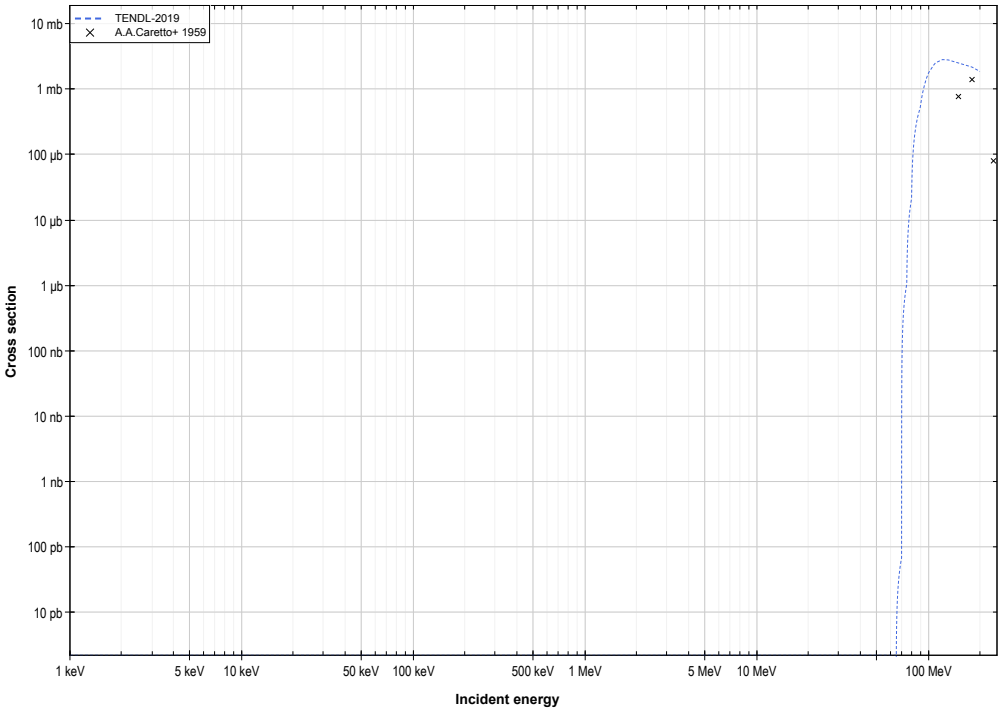
Y89 (p,4n+α) or Sr82 production lin-log



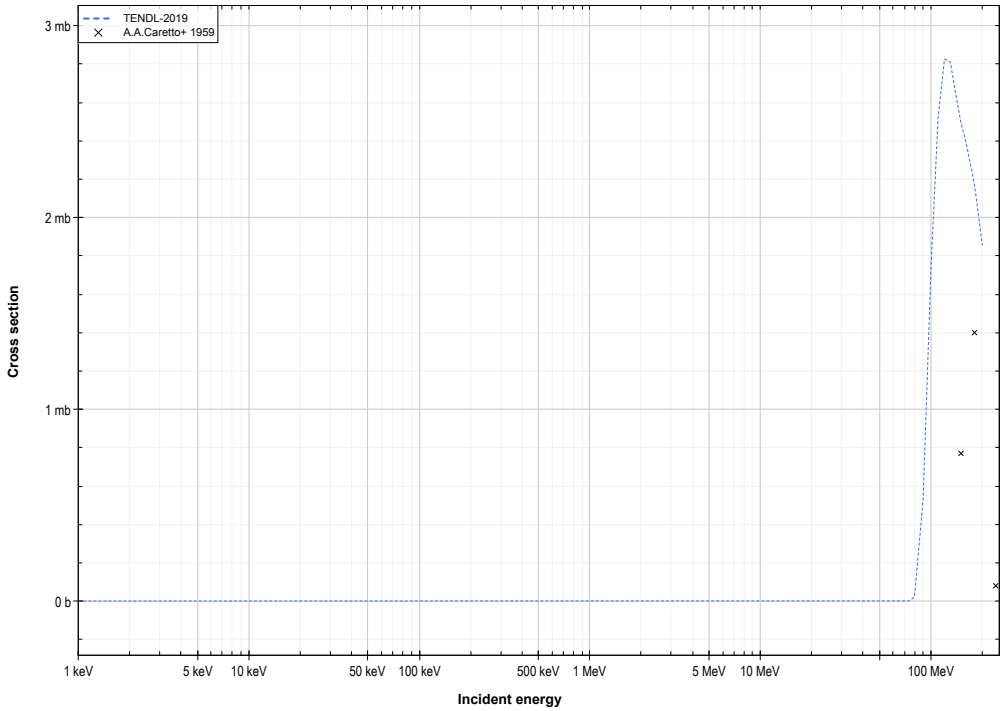
Reaction	Q-Value
Y89(p,4n+α)Sr82	-39119.61 keV
Y89(p,2n+2t)Sr82	-50451.68 keV
Y89(p,3n+d+t)Sr82	-56708.91 keV
Y89(p,4n+p+t)Sr82	-58933.48 keV
Y89(p,5n+He3)Sr82	-59697.23 keV
Y89(p,4n+2d)Sr82	-62966.14 keV
Y89(p,5n+p+d)Sr82	-65190.71 keV
Y89(p,6n+2p)Sr82	-67415.27 keV

	39-Y-89	53-I-127 >>
<< MT165 (p,4n+α)	**MT171 (p,6n+d) or MT5 (Y82 production)**	MT174 (p,5n+t) >>

Y89 (p,6n+d) or Y82 production log-log



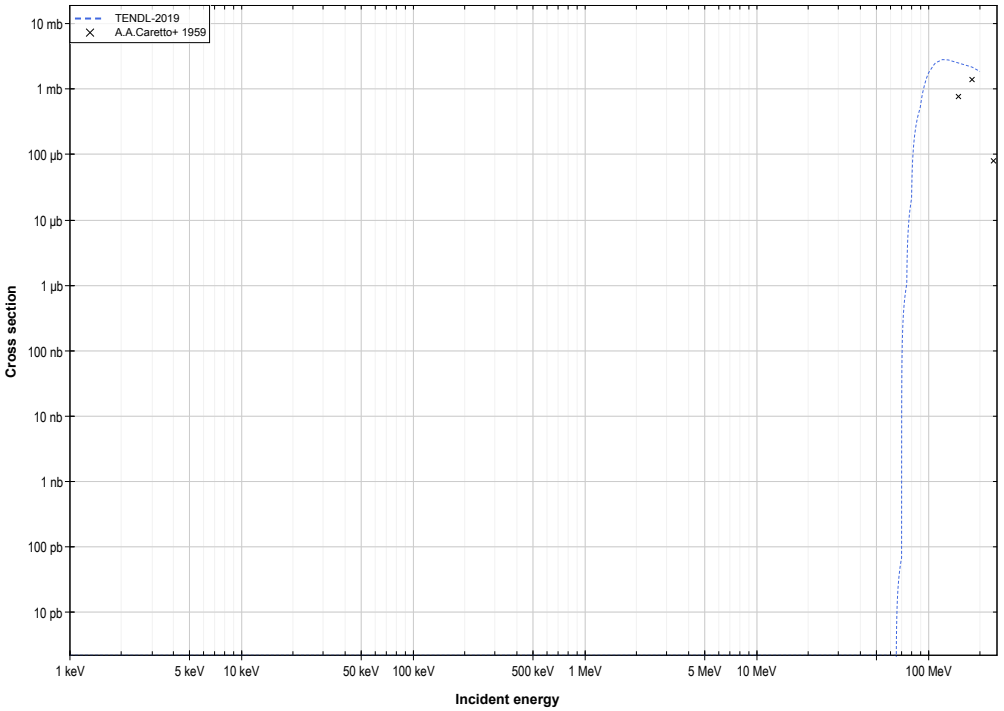
Y89 (p,6n+d) or Y82 production lin-log



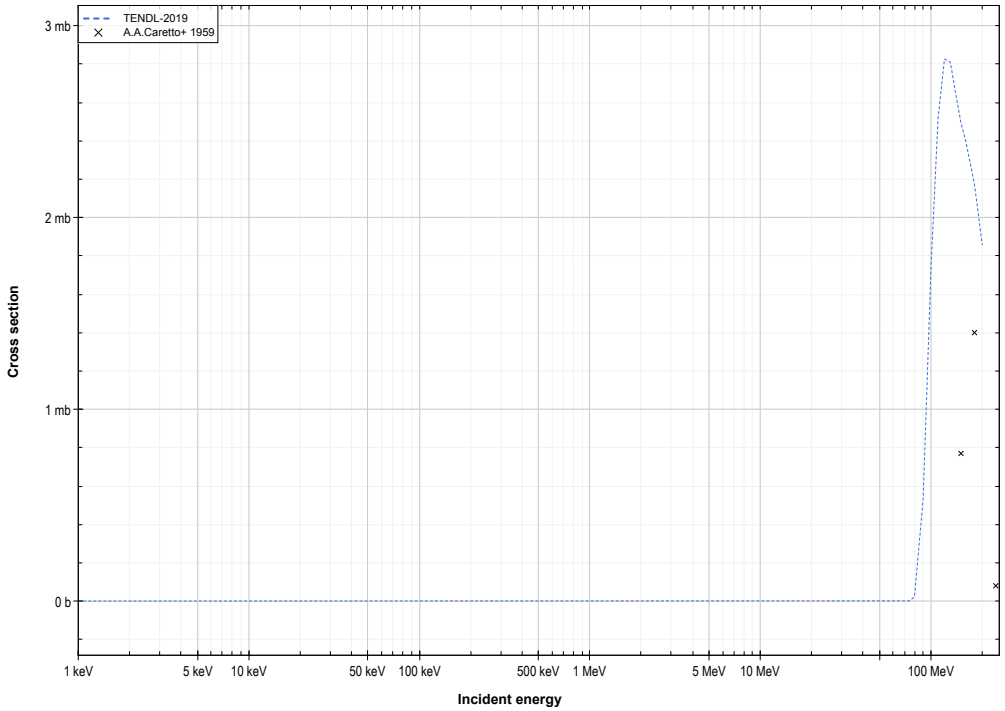
Reaction	Q-Value
Y89(p,5n+t)Y82	-67661.82 keV
Y89(p,6n+d)Y82	-73919.05 keV
Y89(p,7n+p)Y82	-76143.62 keV

	39-Y-89	53-I-127 >>
<< MT171 (p,6n+d)	**MT174 (p,5n+t) or MT5 (Y82 production)**	MT176 (p,2n+^{3}He) >>

Y89 (p,5n+t) or Y82 production log-log



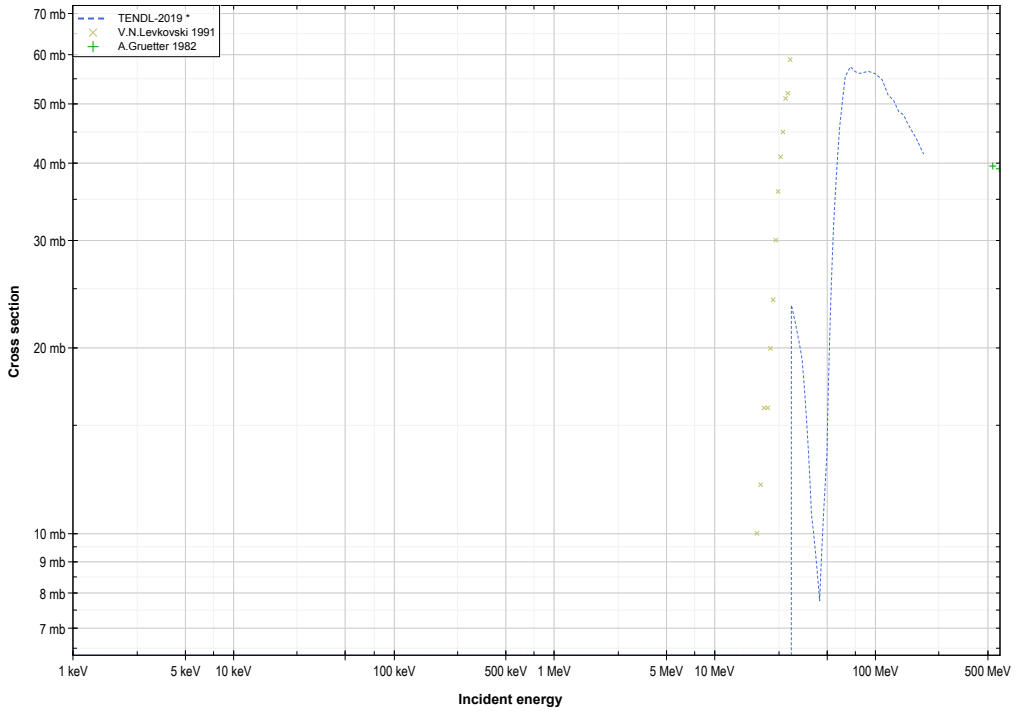
Y89 (p,5n+t) or Y82 production lin-log



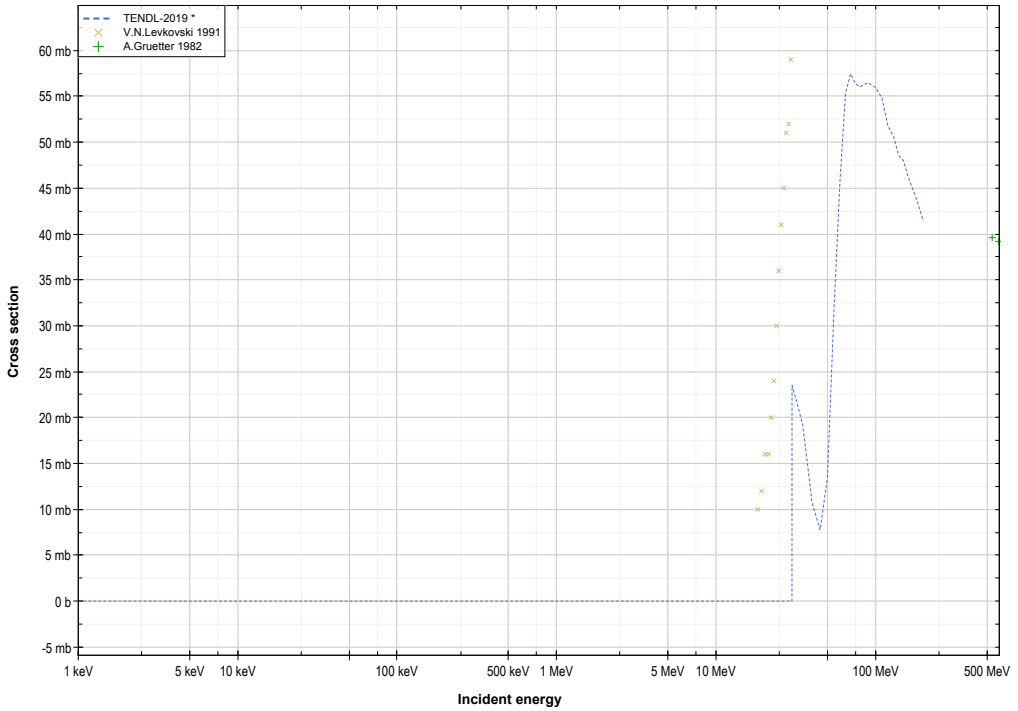
Reaction	Q-Value
Y89(p,5n+t)Y82	-67661.82 keV
Y89(p,6n+d)Y82	-73919.05 keV
Y89(p,7n+p)Y82	-76143.62 keV

<< 38-Sr-88	**39-Y-89**	40-Zr-90 >>
<< MT174 (p,5n+t)	**MT176 (p,2n+³He) or MT5 (Sr85 production)**	MT178 (p,4n+³He) >>

Y89 (p,2n+³He) or Sr85 production log-log



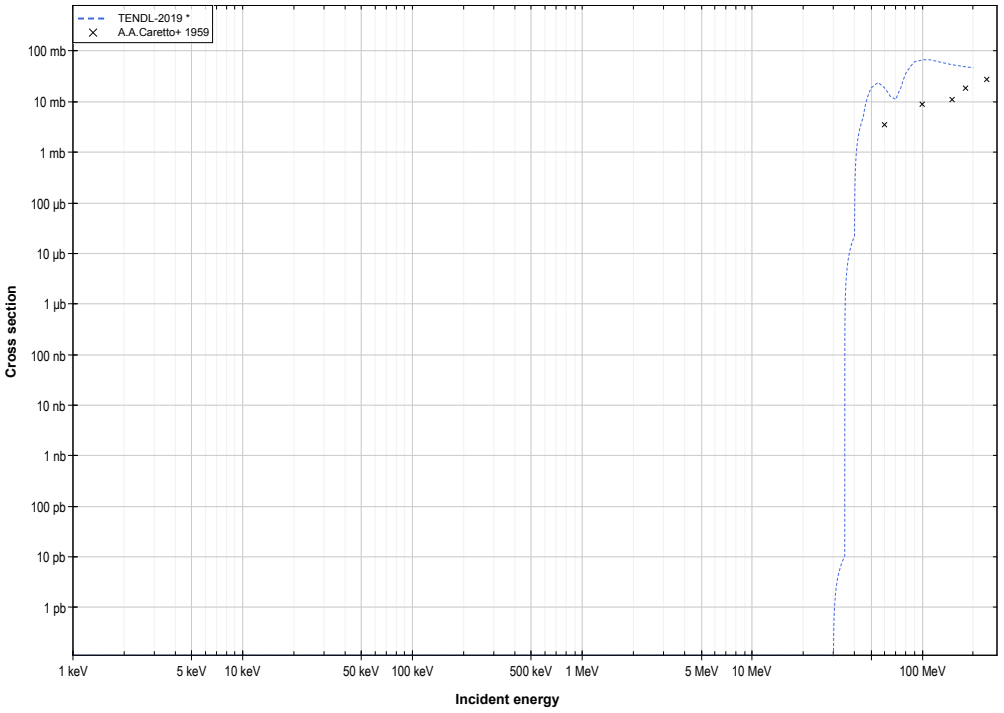
Y89 (p,2n+³He) or Sr85 production lin-log



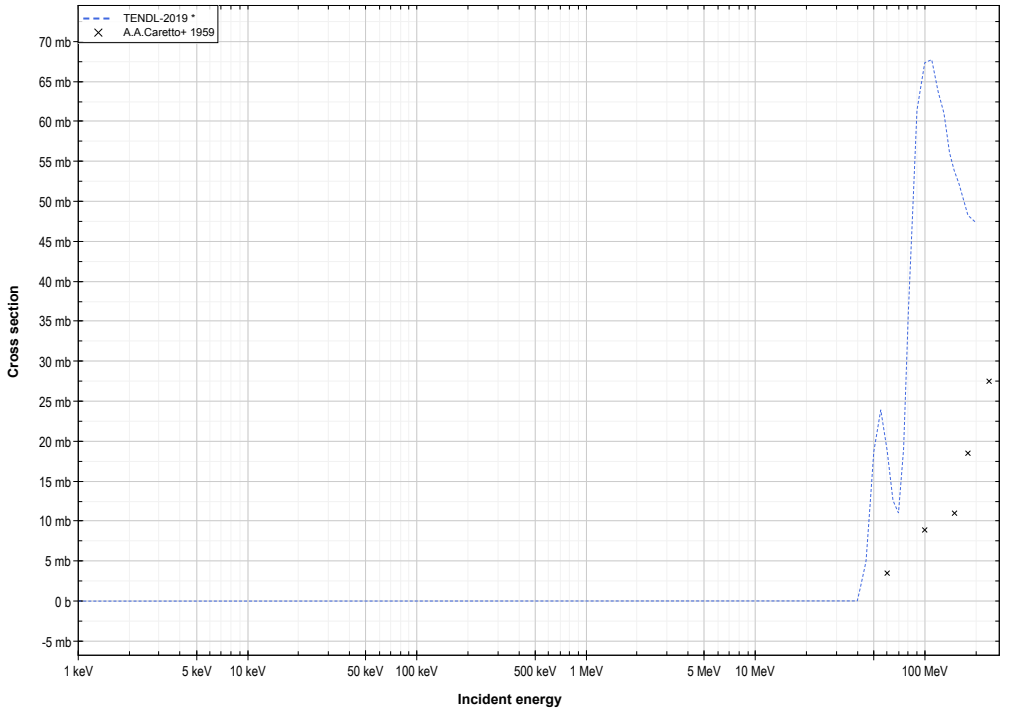
Reaction	Q-Value
Y89(p,n+α)Sr85	-9812.36 keV
Y89(p,d+t)Sr85	-27401.66 keV
Y89(p,n+p+t)Sr85	-29626.23 keV
Y89(p,2n+He3)Sr85	-30389.98 keV
Y89(p,n+2d)Sr85	-33658.89 keV
Y89(p,2n+p+d)Sr85	-35883.46 keV
Y89(p,3n+2p)Sr85	-38108.02 keV

<< 27-Co-59	**39-Y-89**	41-Nb-93 >>
<< MT176 (p,2n+³He)	**MT178 (p,4n+³He) or MT5 (Sr83 production)**	MT179 (p,3n+2p) >>

Y89 (p,4n+³He) or Sr83 production log-log



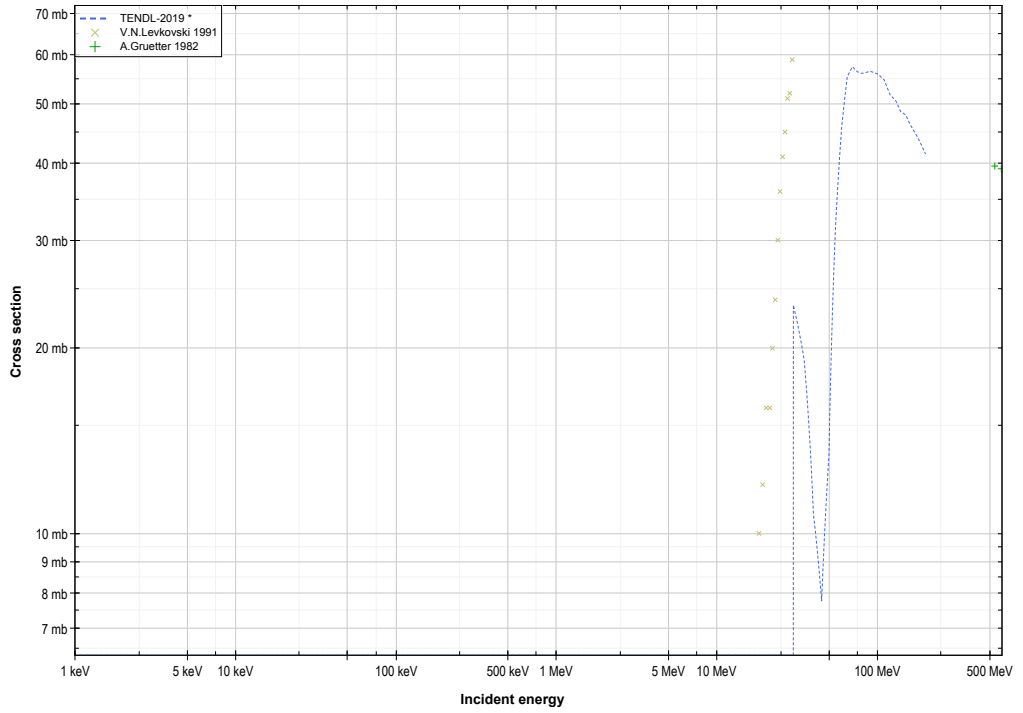
Y89 (p,4n+³He) or Sr83 production lin-log



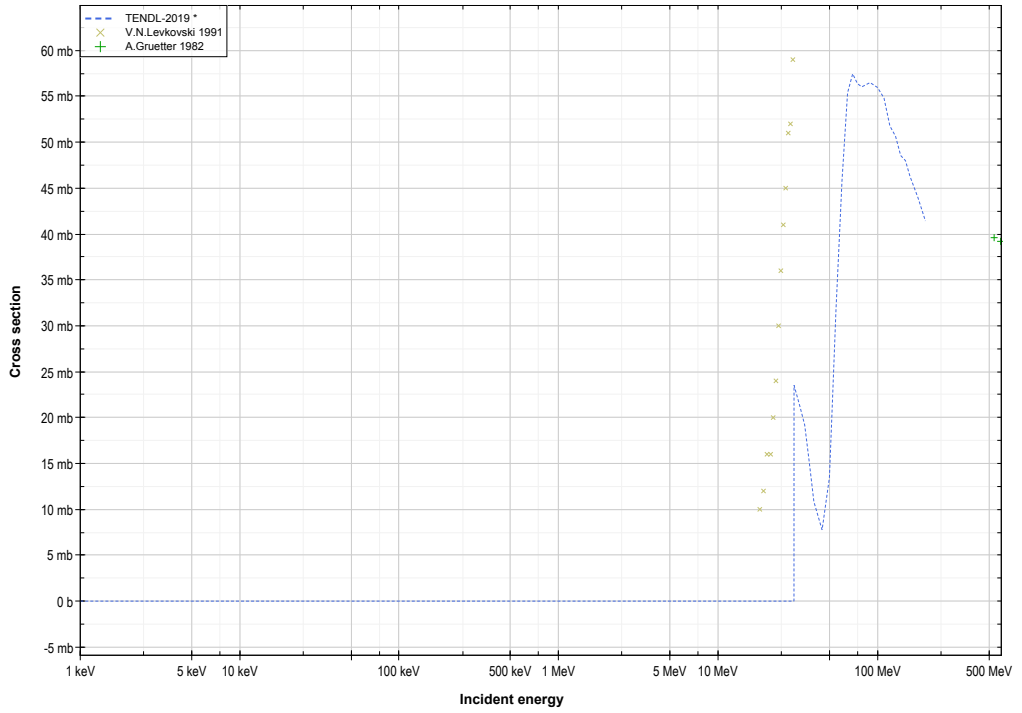
Reaction	Q-Value
Y89(p,3n+α)Sr83	-30260.30 keV
Y89(p,n+2t)Sr83	-41592.37 keV
Y89(p,2n+d+t)Sr83	-47849.60 keV
Y89(p,3n+p+t)Sr83	-50074.16 keV
Y89(p,4n+He3)Sr83	-50837.92 keV
Y89(p,3n+2d)Sr83	-54106.82 keV
Y89(p,4n+p+d)Sr83	-56331.39 keV
Y89(p,5n+2p)Sr83	-58555.96 keV

<< 38-Sr-88	**39-Y-89**	40-Zr-90 >>
<< MT178 (p,4n+³He)	**MT179 (p,3n+2p) or MT5 (Sr85 production)**	MT181 (p,3n+p+α) >>

Y89 (p,3n+2p) or Sr85 production log-log



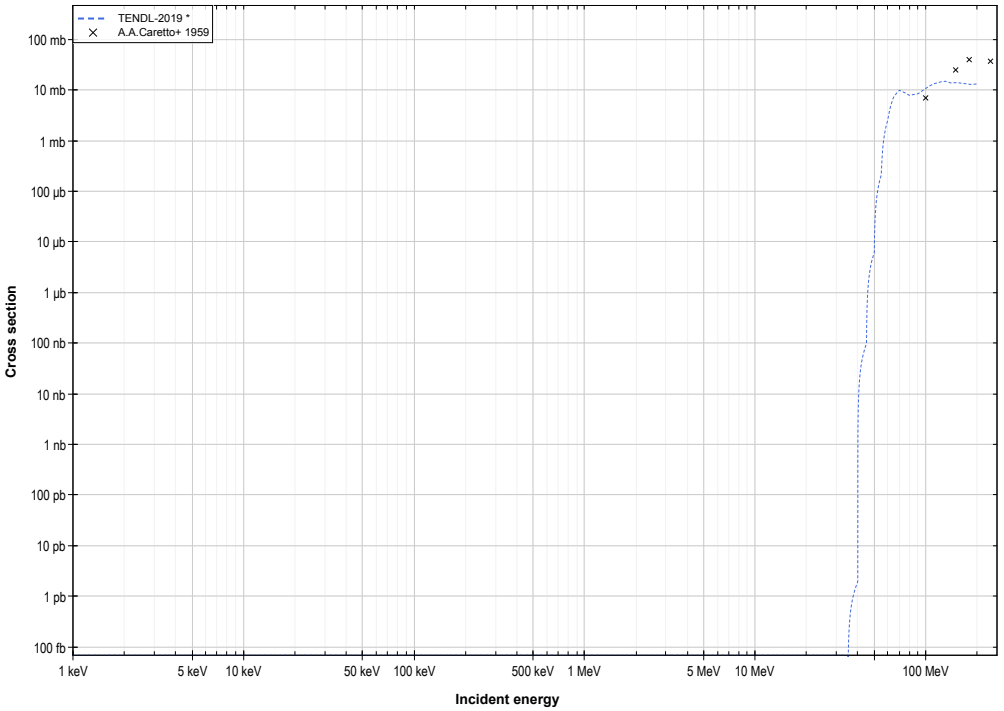
Y89 (p,3n+2p) or Sr85 production lin-log



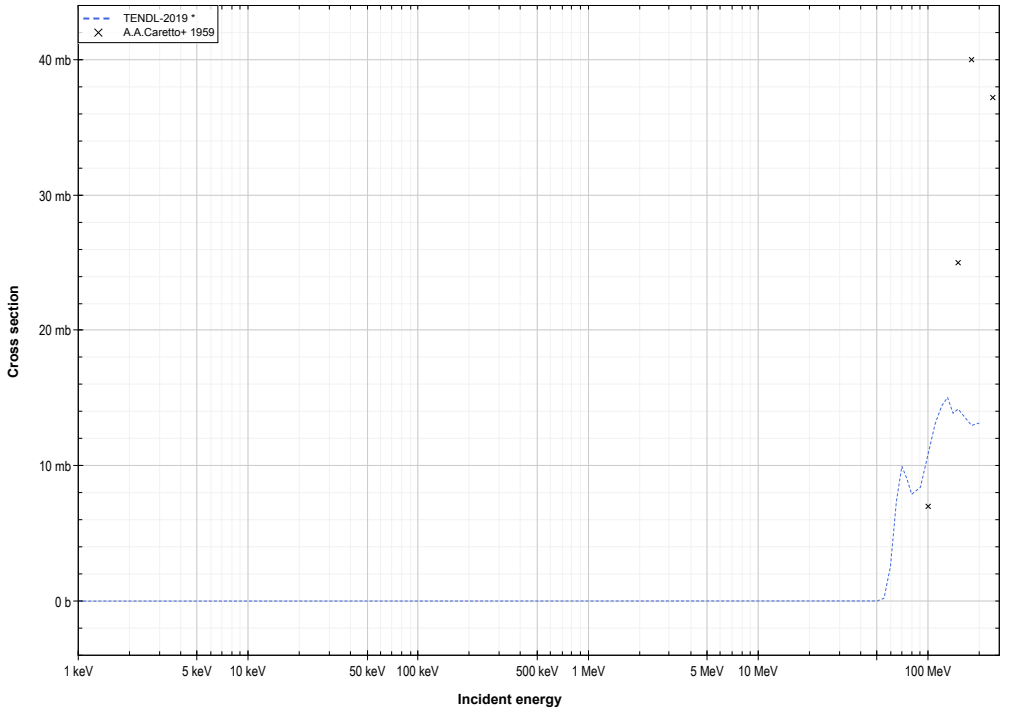
Reaction	Q-Value
Y89(p,n+α)Sr85	-9812.36 keV
Y89(p,d+t)Sr85	-27401.66 keV
Y89(p,n+p+t)Sr85	-29626.23 keV
Y89(p,2n+He3)Sr85	-30389.98 keV
Y89(p,n+2d)Sr85	-33658.89 keV
Y89(p,2n+p+d)Sr85	-35883.46 keV
Y89(p,3n+2p)Sr85	-38108.02 keV

<< 31-Ga-71	**39-Y-89**	41-Nb-93 >>
<< MT179 (p,3n+2p)	**MT181 (p,3n+p+α) or MT5 (Rb82 production)**	MT182 (p,d+t) >>

Y89 (p,3n+p+α) or Rb82 production log-log



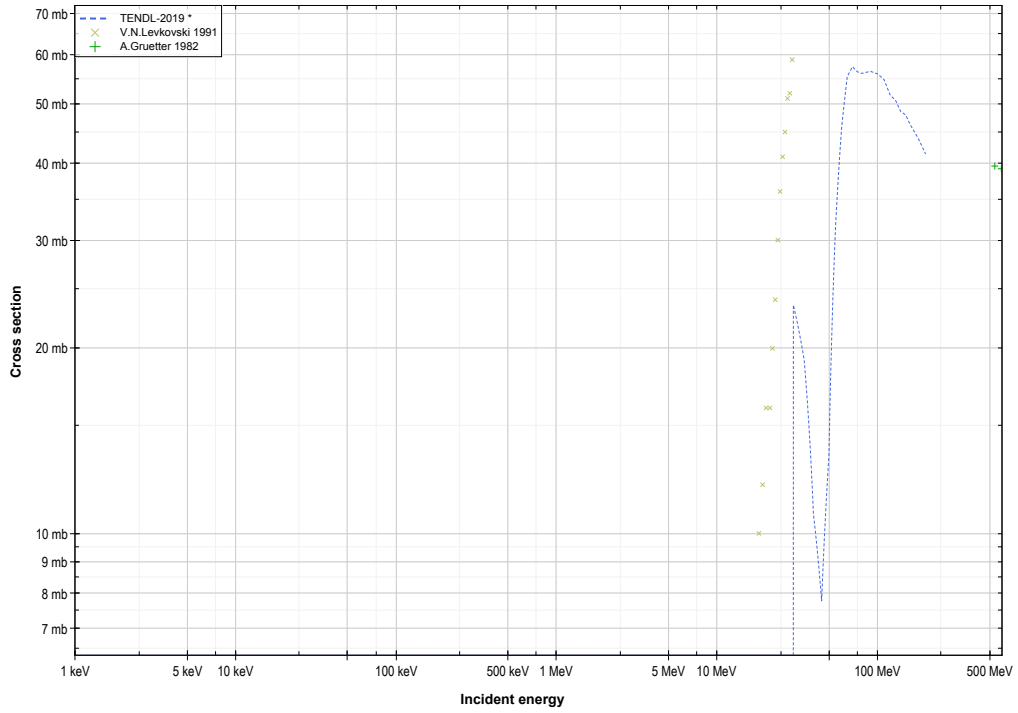
Y89 (p,3n+p+α) or Rb82 production lin-log



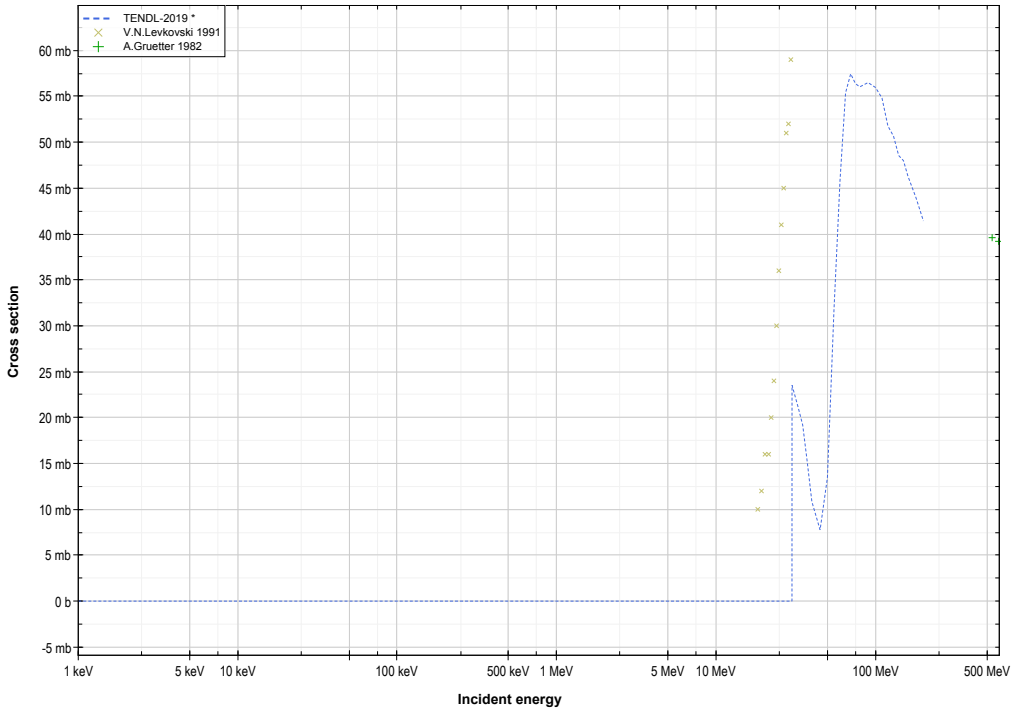
Reaction	Q-Value	Reaction	Q-Value
Y89(p,n+t+α)Rb82	-29677.47 keV	Y89(p,3n+d+He3)Rb82	-56512.32 keV
Y89(p,2n+d+α)Rb82	-35934.70 keV	Y89(p,3n+2p+t)Rb82	-57973.13 keV
Y89(p,3n+p+α)Rb82	-38159.27 keV	Y89(p,4n+p+He3)Rb82	-58736.89 keV
Y89(p,d+2t)Rb82	-47266.77 keV	Y89(p,2n+3d)Rb82	-59781.23 keV
Y89(p,n+p+2t)Rb82	-49491.34 keV	Y89(p,3n+p+2d)Rb82	-62005.79 keV
Y89(p,2n+t+He3)Rb82	-50255.09 keV	Y89(p,4n+2p+d)Rb82	-64230.36 keV
Y89(p,n+2d+t)Rb82	-53524.00 keV	Y89(p,5n+3p)Rb82	-66454.93 keV
Y89(p,2n+p+d+t)Rb82	-55748.57 keV		

<< 38-Sr-88	**39-Y-89**	40-Zr-90 >>
<< MT181 (p,3n+p+α)	**MT182 (p,d+t) or MT5 (Sr85 production)**	MT184 (p,n+p+t) >>

Y89 (p,d+t) or Sr85 production log-log



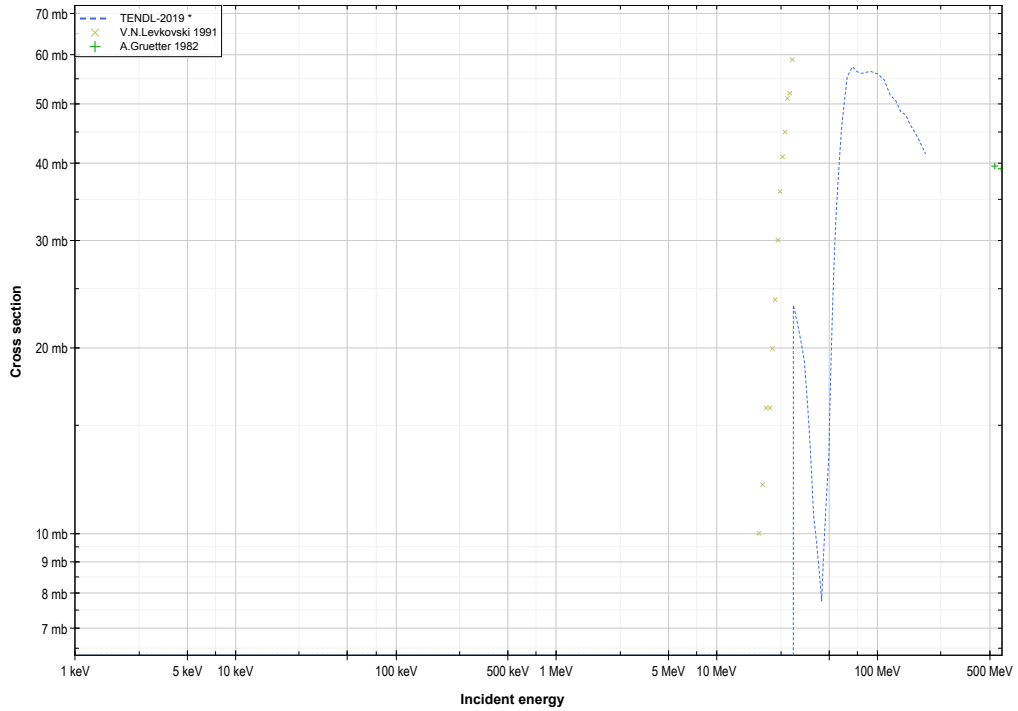
Y89 (p,d+t) or Sr85 production lin-log



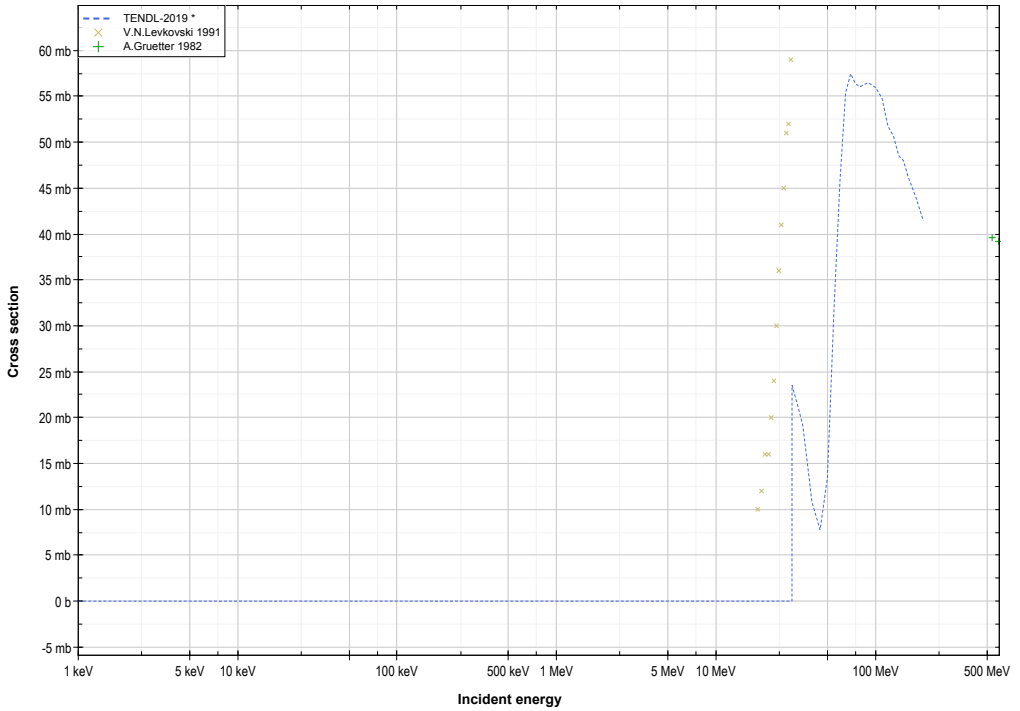
Reaction	Q-Value
Y89(p,n+α)Sr85	-9812.36 keV
Y89(p,d+t)Sr85	-27401.66 keV
Y89(p,n+p+t)Sr85	-29626.23 keV
Y89(p,2n+He3)Sr85	-30389.98 keV
Y89(p,n+2d)Sr85	-33658.89 keV
Y89(p,2n+p+d)Sr85	-35883.46 keV
Y89(p,3n+2p)Sr85	-38108.02 keV

<< 38-Sr-88	**39-Y-89**	40-Zr-90 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Sr85 production)**	MT187 (p,n+d+³He) >>

Y89 (p,n+p+t) or Sr85 production log-log



Y89 (p,n+p+t) or Sr85 production lin-log



Reaction	Q-Value
Y89(p,n+α)Sr85	-9812.36 keV
Y89(p,d+t)Sr85	-27401.66 keV
Y89(p,n+p+t)Sr85	-29626.23 keV
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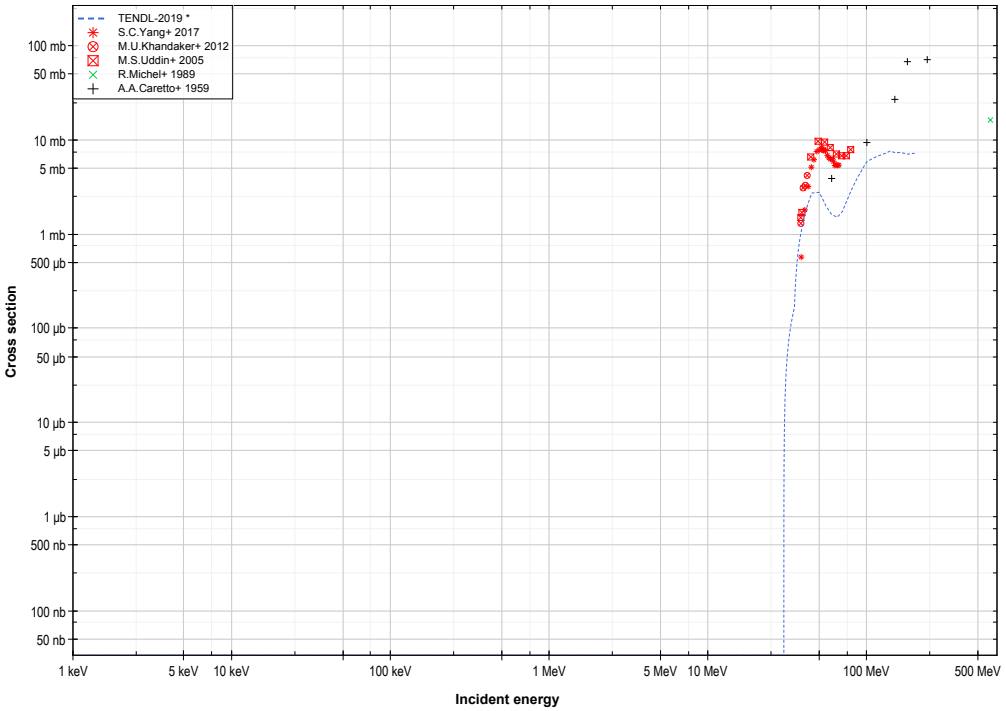
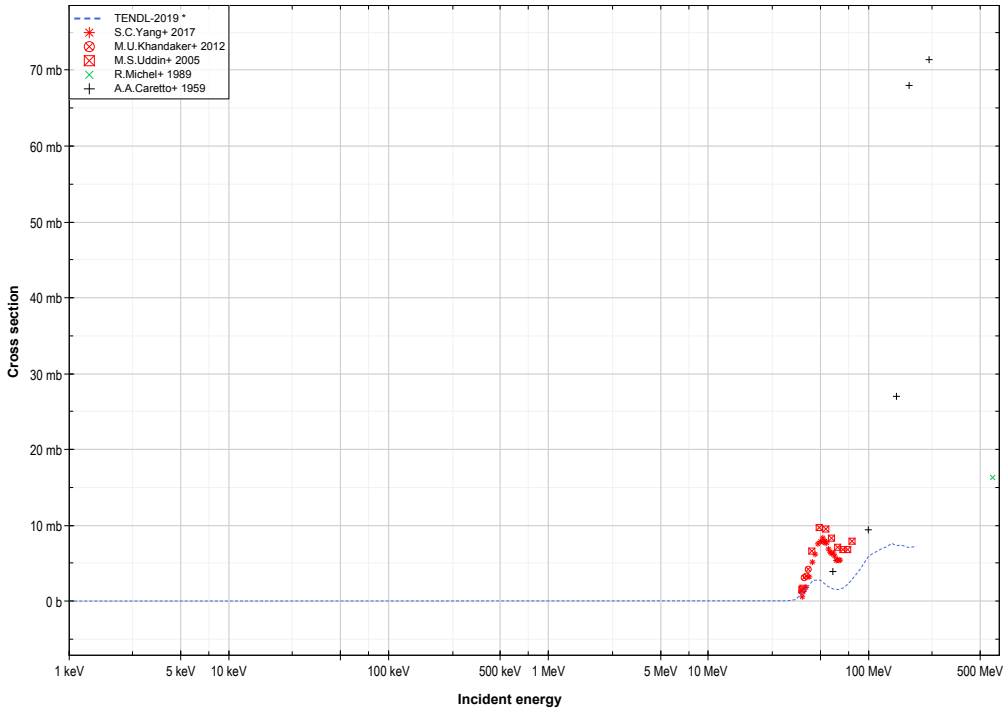
Y89(p,n+2d)Sr85	-33658.89 keV
Y89(p,2n+p+d)Sr85	-35883.46 keV
Y89(p,3n+2p)Sr85	-38108.02 keV

<< 32-Ge-70	**39-Y-89**	41-Nb-93 >>
<< MT184 (p,n+p+t)	**MT187 (p,n+d+³He) or MT5 (Rb84 production)**	MT188 (p,n+t+³He) >>

Y89 (p,n+d+³He) or Rb84 production log-log



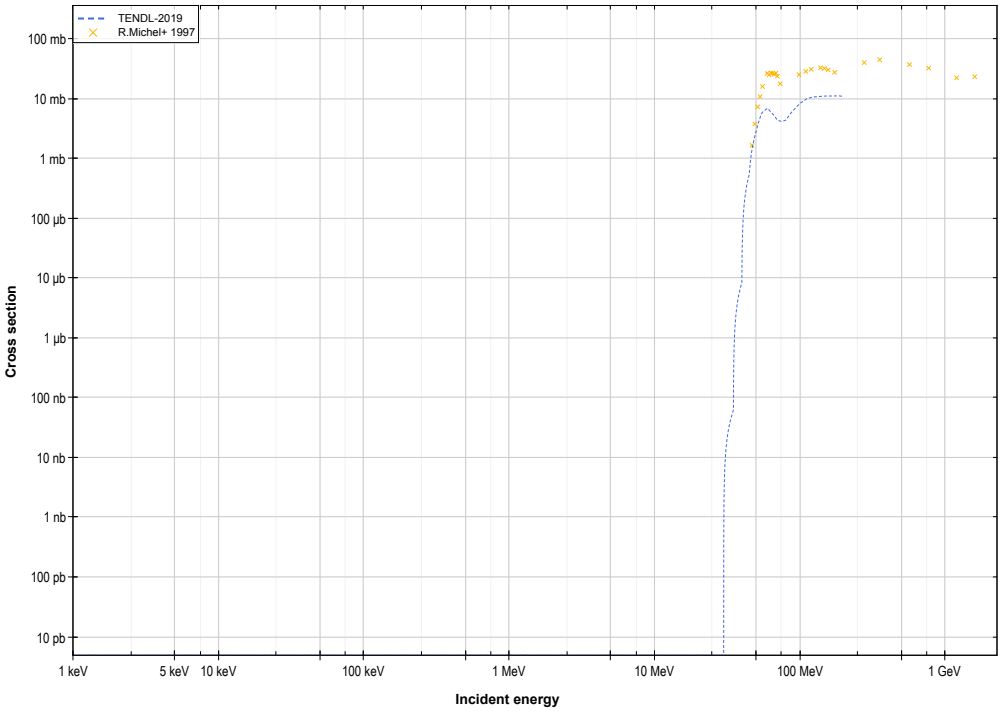
Y89 (p,n+d+³He) or Rb84 production lin-log



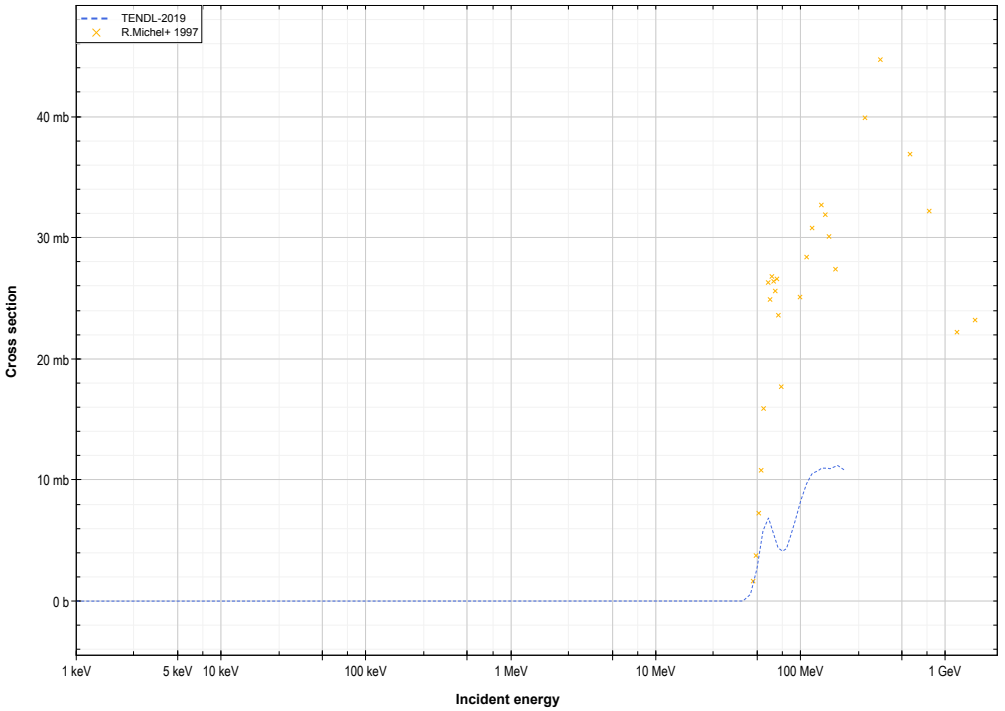
Reaction	Q-Value	Reaction	Q-Value
Y89(p,d+α)Rb84	-16221.07 keV	Y89(p,n+p+2d)Rb84	-42292.16 keV
Y89(p,n+p+α)Rb84	-18445.63 keV	Y89(p,2n+2p+d)Rb84	-44516.73 keV
Y89(p,t+He3)Rb84	-30541.46 keV	Y89(p,3n+3p)Rb84	-46741.29 keV
Y89(p,p+d+t)Rb84	-36034.93 keV		
Y89(p,n+d+He3)Rb84	-36798.69 keV		
Y89(p,n+2p+t)Rb84	-38259.50 keV		
Y89(p,2n+p+He3)Rb84	-39023.25 keV		
Y89(p,3d)Rb84	-40067.59 keV		

<< 9-F-19	**39-Y-89**	
<< MT187 (p,n+d+^{3}He)	**MT188 (p,n+t+^{3}He) or MT5 (Rb83 production)**	MT189 (p,n+t+a) >>

Y89 (p,n+t+^{3}He) or Rb83 production log-log



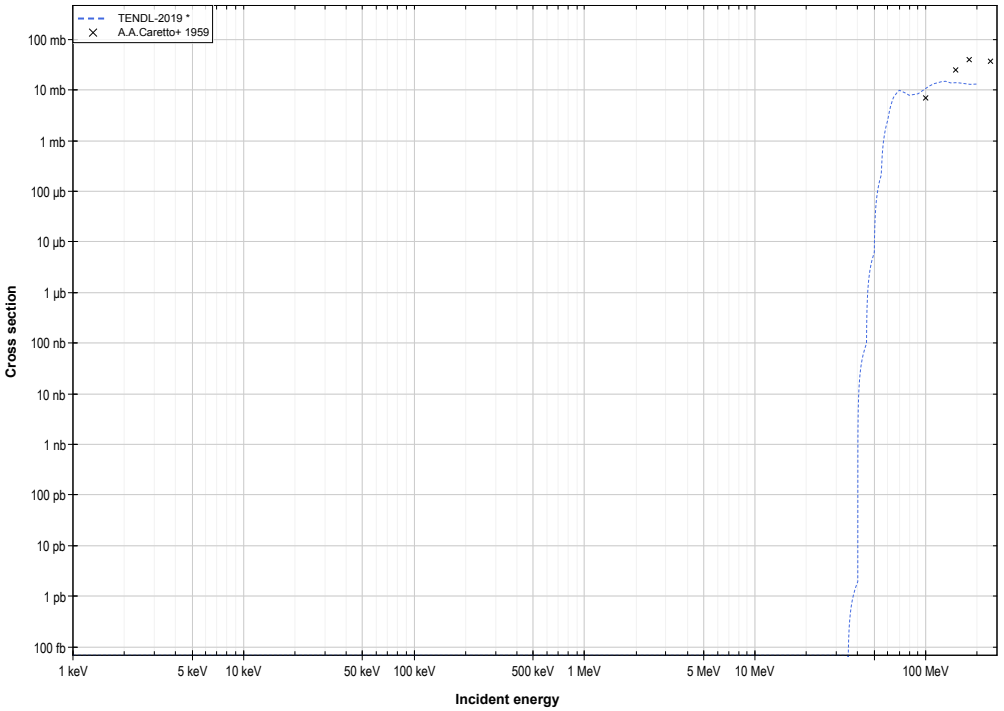
Y89 (p,n+t+^{3}He) or Rb83 production lin-log



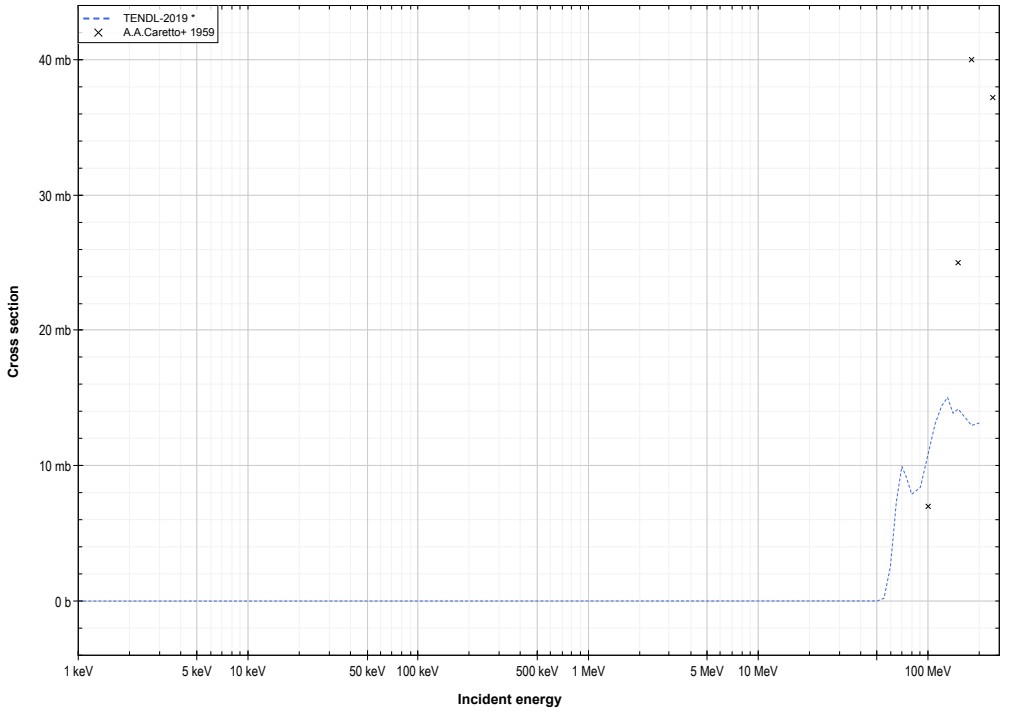
Reaction	Q-Value	Reaction	Q-Value
Y89(p,t+α)Rb83	-18723.55 keV	Y89(p,2n+2p+t)Rb83	-47019.21 keV
Y89(p,n+d+α)Rb83	-24980.78 keV	Y89(p,3n+p+He3)Rb83	-47782.97 keV
Y89(p,2n+p+α)Rb83	-27205.35 keV	Y89(p,n+3d)Rb83	-48827.31 keV
Y89(p,p+2t)Rb83	-38537.42 keV	Y89(p,2n+p+2d)Rb83	-51051.88 keV
Y89(p,n+t+He3)Rb83	-39301.17 keV	Y89(p,3n+2p+d)Rb83	-53276.44 keV
Y89(p,2d+t)Rb83	-42570.08 keV	Y89(p,4n+3p)Rb83	-55501.01 keV
Y89(p,n+p+d+t)Rb83	-44794.65 keV		
Y89(p,2n+d+He3)Rb83	-45558.40 keV		

<< 31-Ga-71	**39-Y-89**	41-Nb-93 >>
<< MT188 (p,n+t+^{3}He)	**MT189 (p,n+t+a) or MT5 (Rb82 production)**	MT191 (p,p+^{3}He) >>

Y89 (p,n+t+a) or Rb82 production log-log



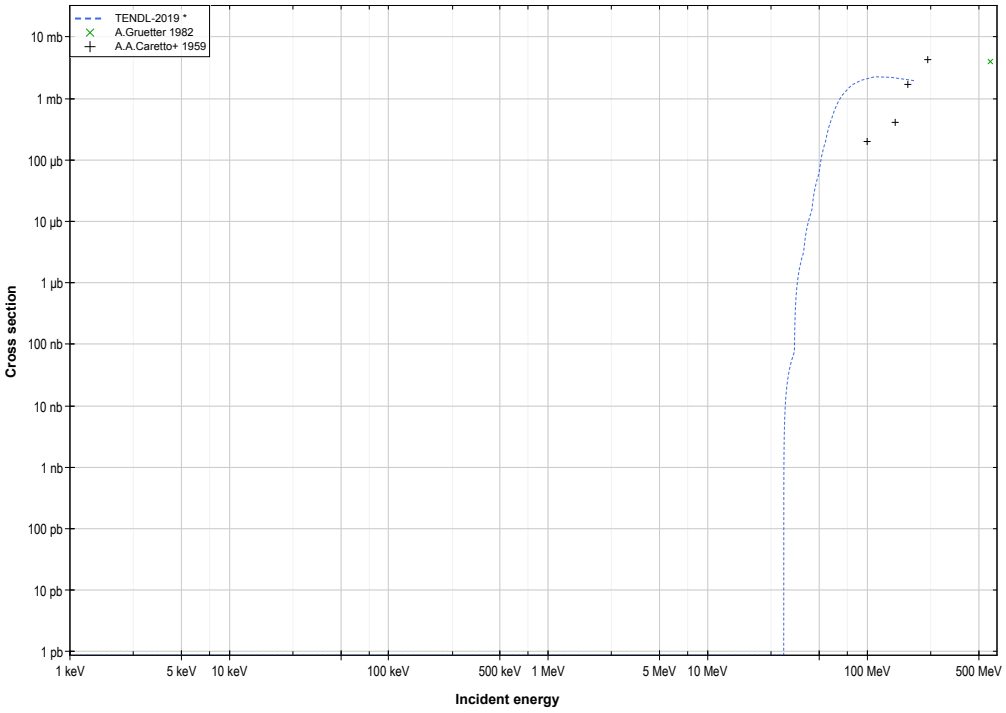
Y89 (p,n+t+a) or Rb82 production lin-log



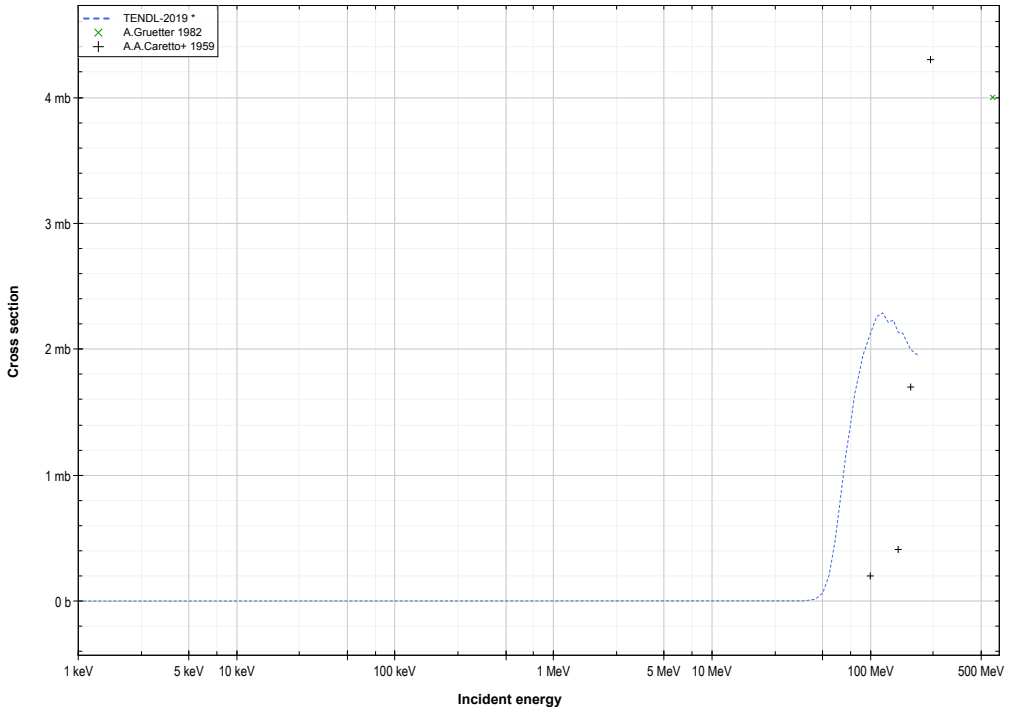
Reaction	Q-Value	Reaction	Q-Value
Y89(p,n+t+α)Rb82	-29677.47 keV	Y89(p,3n+d+He3)Rb82	-56512.32 keV
Y89(p,2n+d+α)Rb82	-35934.70 keV	Y89(p,3n+2p+t)Rb82	-57973.13 keV
Y89(p,3n+p+α)Rb82	-38159.27 keV	Y89(p,4n+p+He3)Rb82	-58736.89 keV
Y89(p,d+2t)Rb82	-47266.77 keV	Y89(p,2n+3d)Rb82	-59781.23 keV
Y89(p,n+p+2t)Rb82	-49491.34 keV	Y89(p,3n+p+2d)Rb82	-62005.79 keV
Y89(p,2n+t+He3)Rb82	-50255.09 keV	Y89(p,4n+2p+d)Rb82	-64230.36 keV
Y89(p,n+2d+t)Rb82	-53524.00 keV	Y89(p,5n+3p)Rb82	-66454.93 keV
Y89(p,2n+p+d+t)Rb82	-55748.57 keV		

<< 27-Co-59	**39-Y-89**	53-I-127 >>
<< MT189 (p,n+t+a)	**MT191 (p,p+³He) or MT5 (Rb86 production)**	MT196 (p,4n+p+α) >>

Y89 (p,p+³He) or Rb86 production log-log



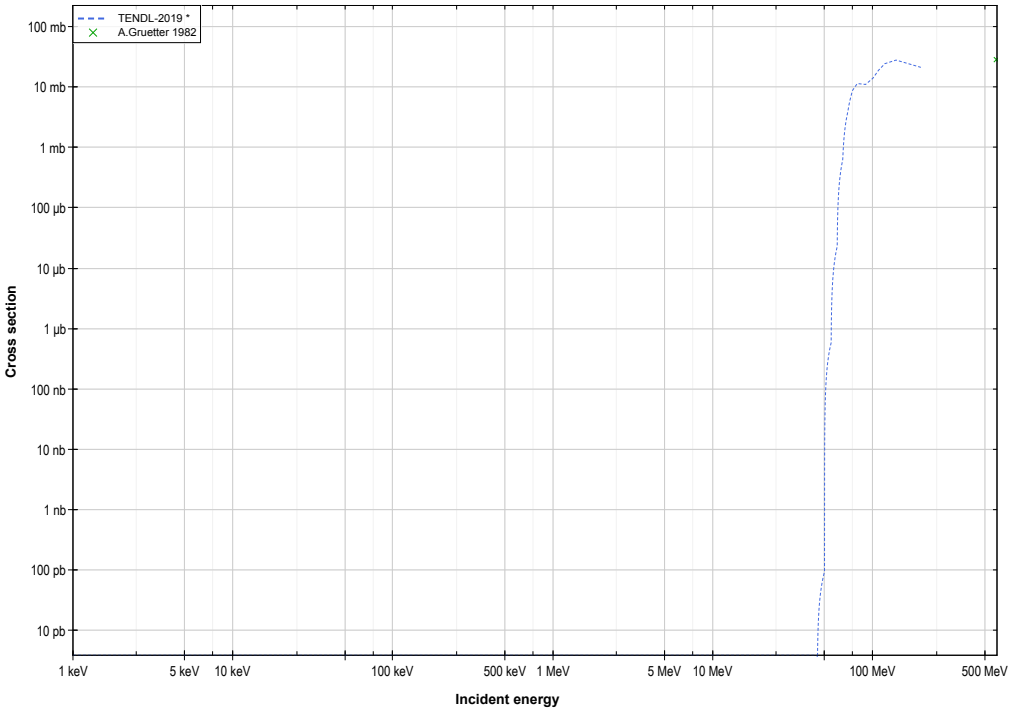
Y89 (p,p+³He) or Rb86 production lin-log



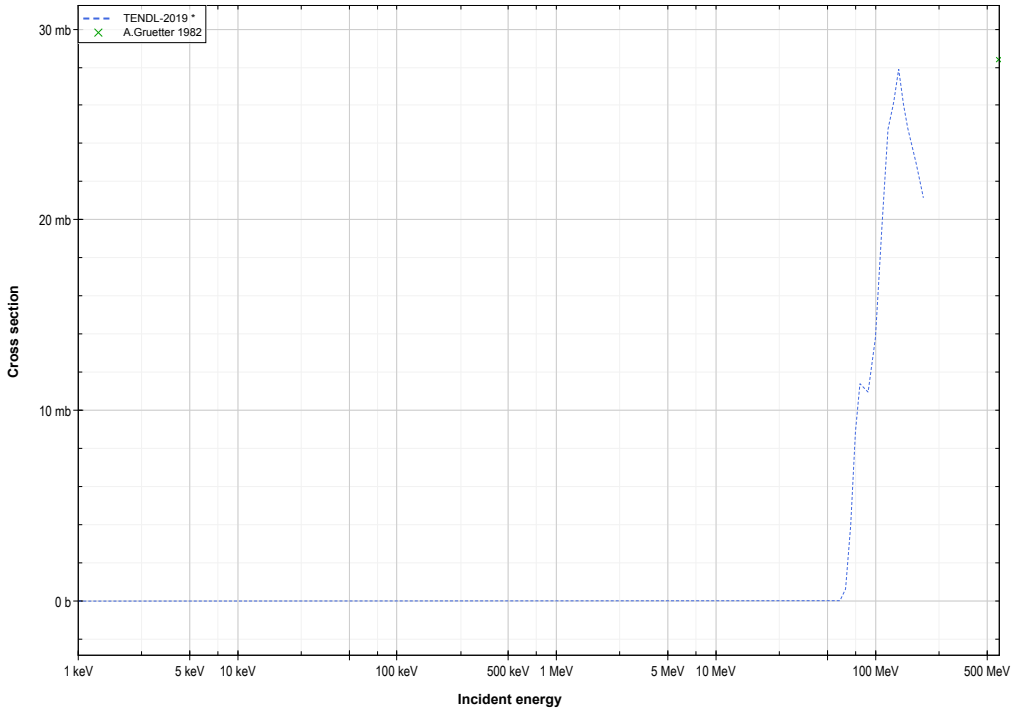
Reaction	Q-Value
Y89(p,p+He3)Rb86	-19892.63 keV
Y89(p,2p+d)Rb86	-25386.10 keV
Y89(p,n+3p)Rb86	-27610.67 keV

<< 32-Ge-70	**39-Y-89**	79-Au-197 >>
<< MT191 (p,p+^{3}He)	**MT196 (p,4n+p+α) or MT5 (Rb81 production)**	MT198 (p,n+3p) >>

Y89 (p,4n+p+α) or Rb81 production log-log



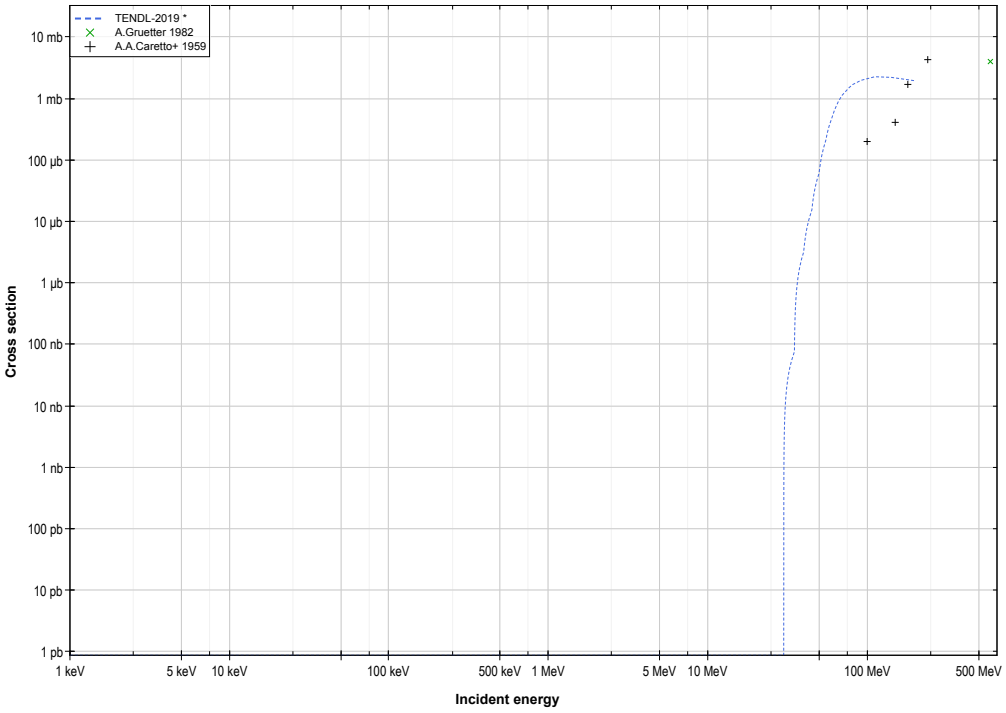
Y89 (p,4n+p+α) or Rb81 production lin-log



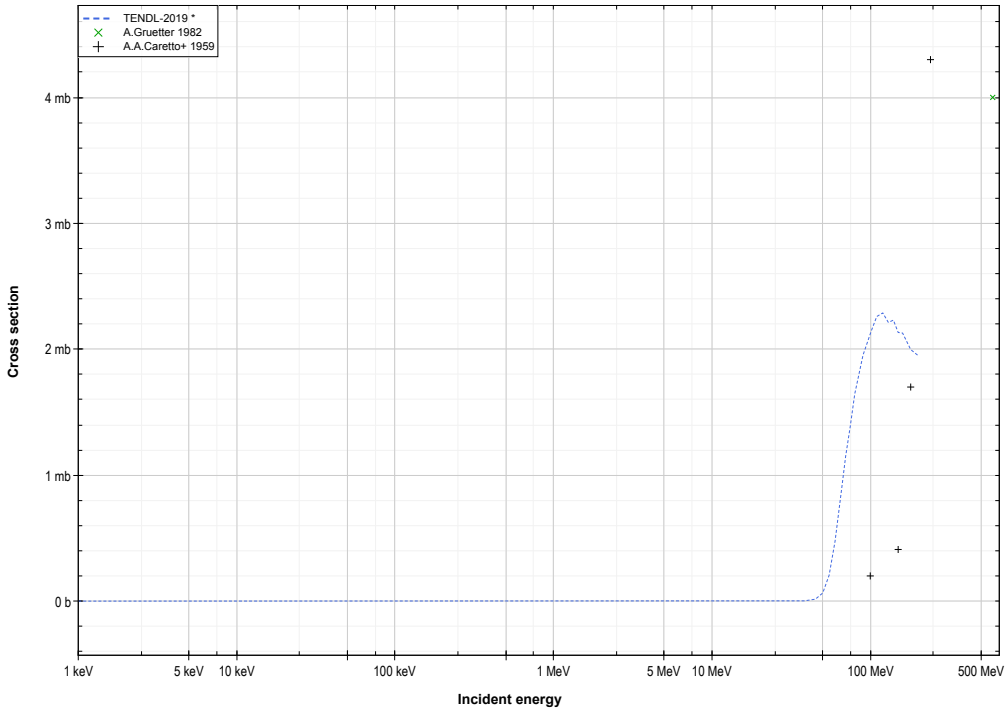
Reaction	Q-Value	Reaction	Q-Value
Y89(p,2n+t+α)Rb81	-38479.79 keV	Y89(p,3n+p+d+t)Rb81	-64550.88 keV
Y89(p,3n+d+α)Rb81	-44737.02 keV	Y89(p,4n+d+He3)Rb81	-65314.64 keV
Y89(p,4n+p+α)Rb81	-46961.58 keV	Y89(p,4n+2p+t)Rb81	-66775.45 keV
Y89(p,3t)Rb81	-49811.86 keV	Y89(p,5n+p+He3)Rb81	-67539.20 keV
Y89(p,n+d+2t)Rb81	-56069.09 keV	Y89(p,3n+3d)Rb81	-68583.55 keV
Y89(p,2n+p+2t)Rb81	-58293.65 keV	Y89(p,4n+p+2d)Rb81	-70808.11 keV
Y89(p,3n+t+He3)Rb81	-59057.41 keV	Y89(p,5n+2p+d)Rb81	-73032.68 keV
Y89(p,2n+2d+t)Rb81	-62326.32 keV	Y89(p,6n+3p)Rb81	-75257.24 keV

<< 27-Co-59	**39-Y-89**	53-I-127 >>
<< MT196 (p,4n+p+α)	**MT198 (p,n+3p) or MT5 (Rb86 production)**	MT200 (p,5n+2p) >>

Y89 (p,n+3p) or Rb86 production log-log



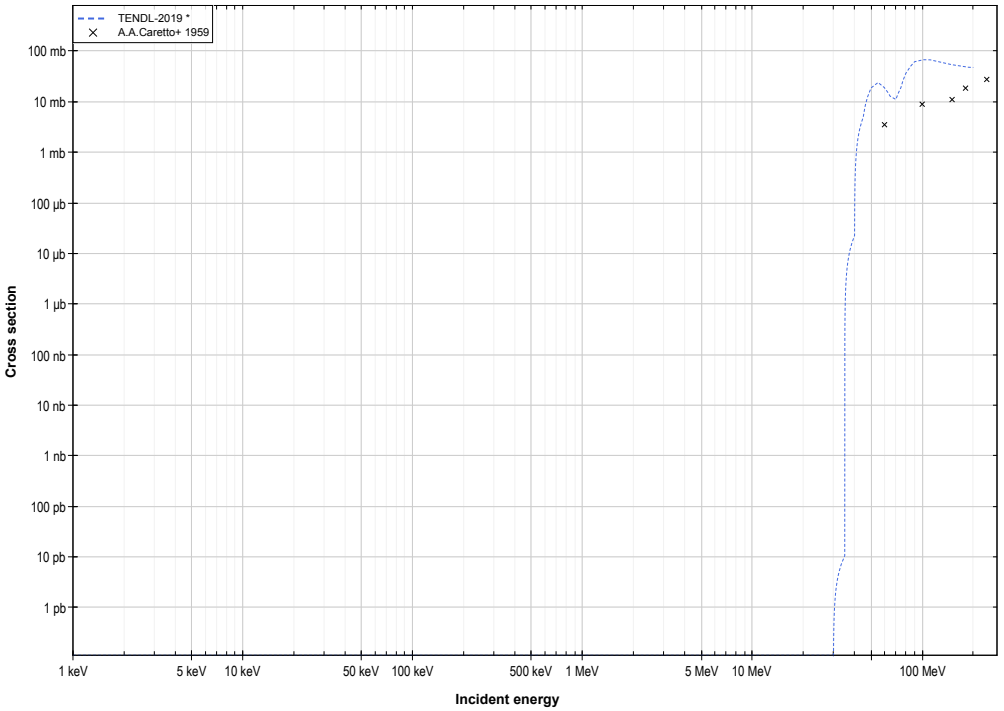
Y89 (p,n+3p) or Rb86 production lin-log



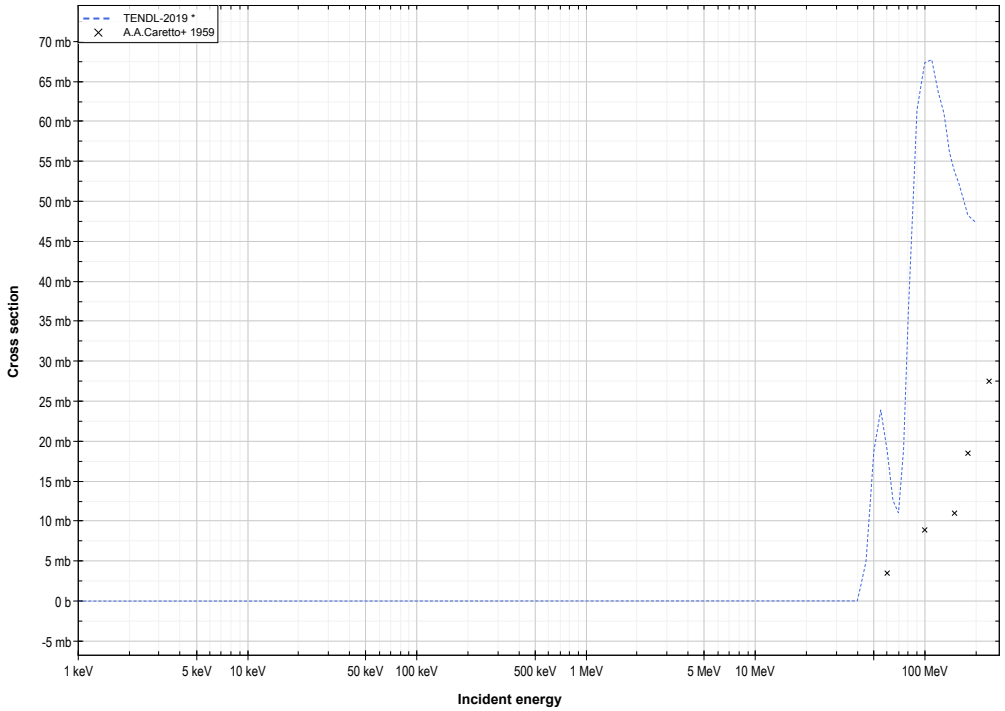
Reaction	Q-Value
Y89(p,p+He3)Rb86	-19892.63 keV
Y89(p,2p+d)Rb86	-25386.10 keV
Y89(p,n+3p)Rb86	-27610.67 keV

<< 27-Co-59	**39-Y-89**	41-Nb-93 >>
<< MT198 (p,n+3p)	**MT200 (p,5n+2p) or MT5 (Sr83 production)**	40-Zr-90 MT4 (p,n) >>

Y89 (p,5n+2p) or Sr83 production log-log



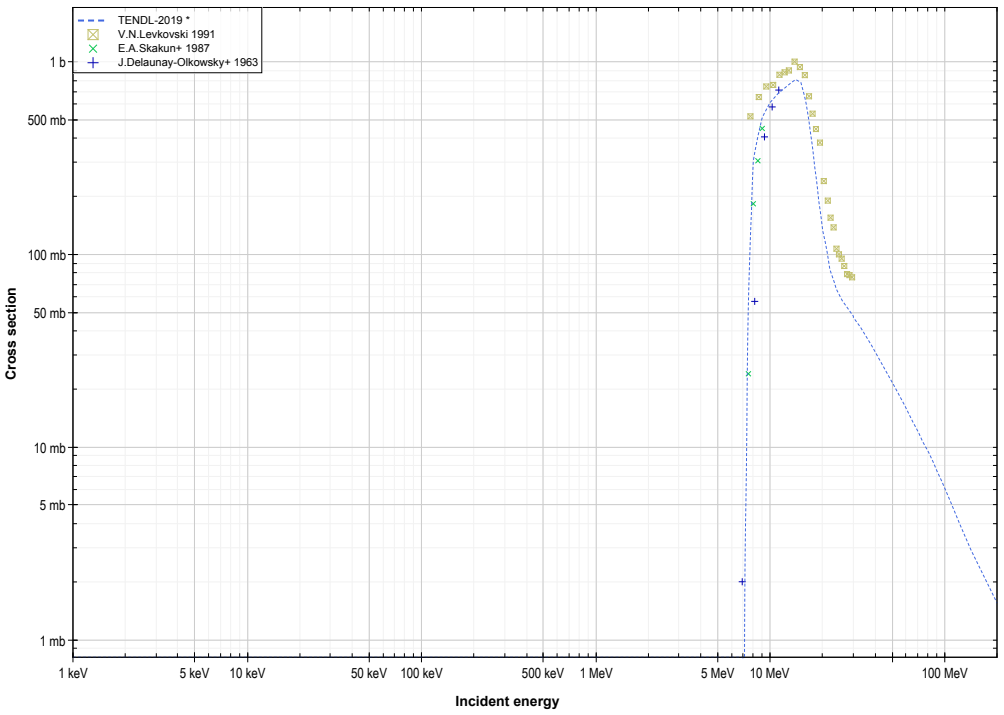
Y89 (p,5n+2p) or Sr83 production lin-log



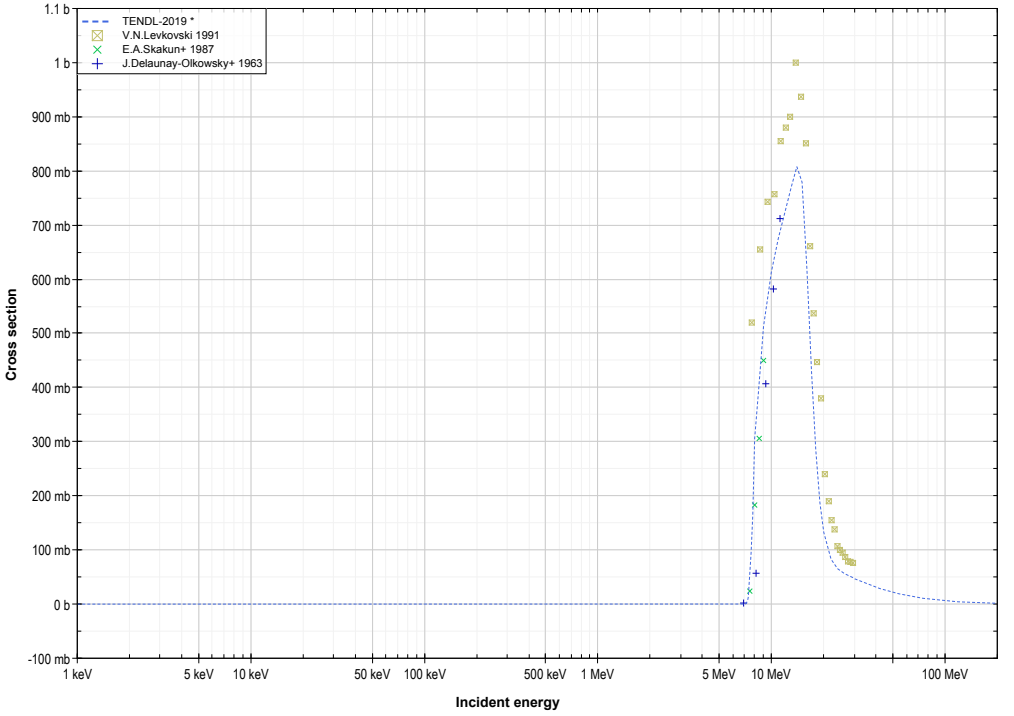
Reaction	Q-Value
Y89(p,3n+α)Sr83	-30260.30 keV
Y89(p,n+2t)Sr83	-41592.37 keV
Y89(p,2n+d+t)Sr83	-47849.60 keV
Y89(p,3n+p+t)Sr83	-50074.16 keV
Y89(p,4n+He3)Sr83	-50837.92 keV
Y89(p,3n+2d)Sr83	-54106.82 keV
Y89(p,4n+p+d)Sr83	-56331.39 keV
Y89(p,5n+2p)Sr83	-58555.96 keV

<< 39-Y-89	**40-Zr-90**	40-Zr-91 >>
<< 39-Y-89 MT200 (p,5n+2p)	**MT4 (p,n) or MT5 (Nb90 production)**	MT16 (p,2n) >>

Zr90 (p,n) or Nb90 production log-log



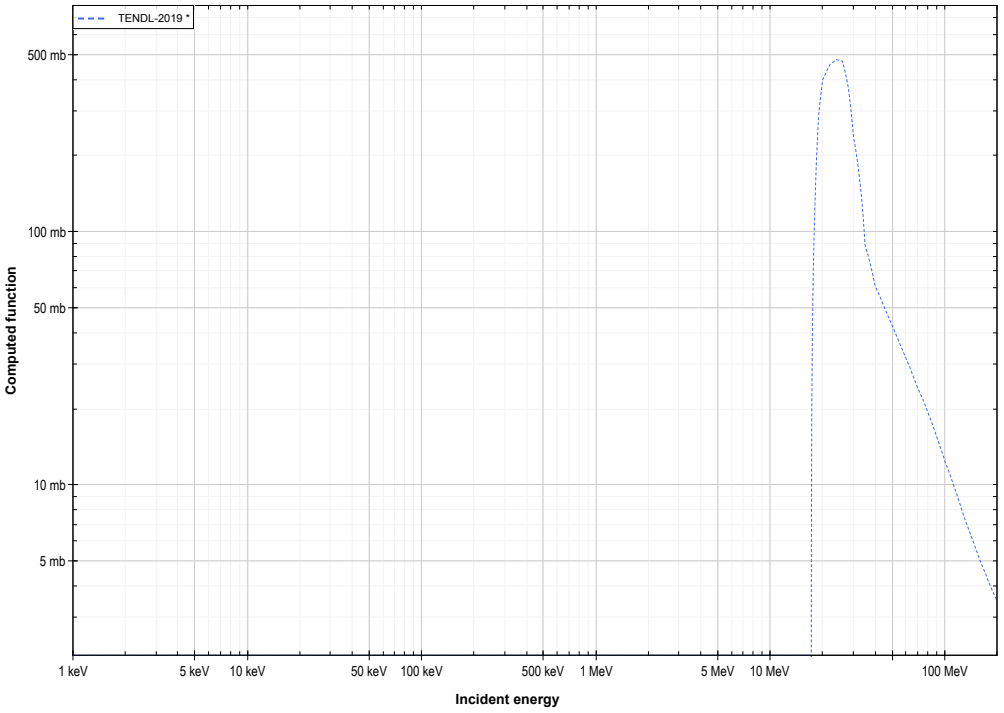
Zr90 (p,n) or Nb90 production lin-log



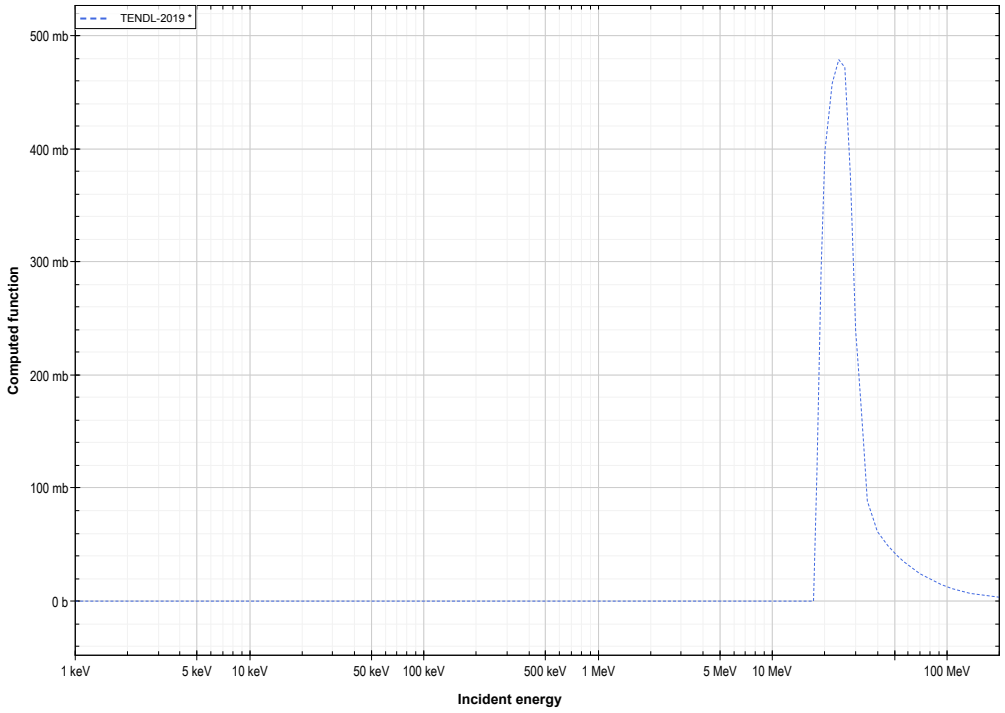
Reaction	Q-Value
Zr90(p,n)Nb90	-6892.89 keV

<< 39-Y-89	**40-Zr-90**	40-Zr-91 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Nb89 production)**	MT22 (p,n+α) >>

Zr90 (p,2n) or Nb89 production log-log



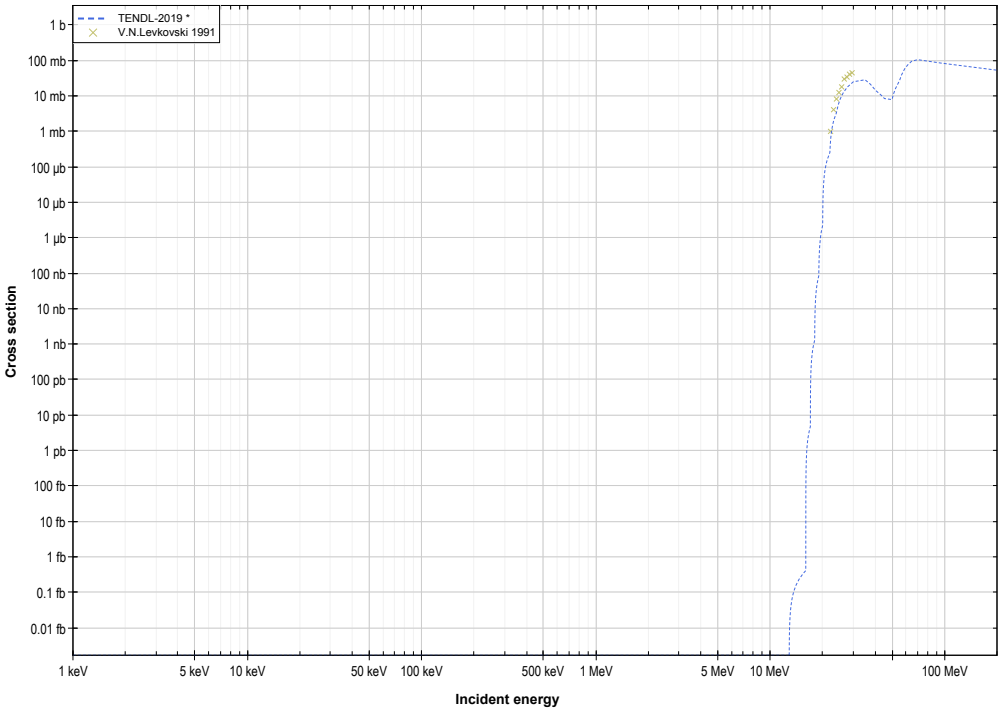
Zr90 (p,2n) or Nb89 production lin-log



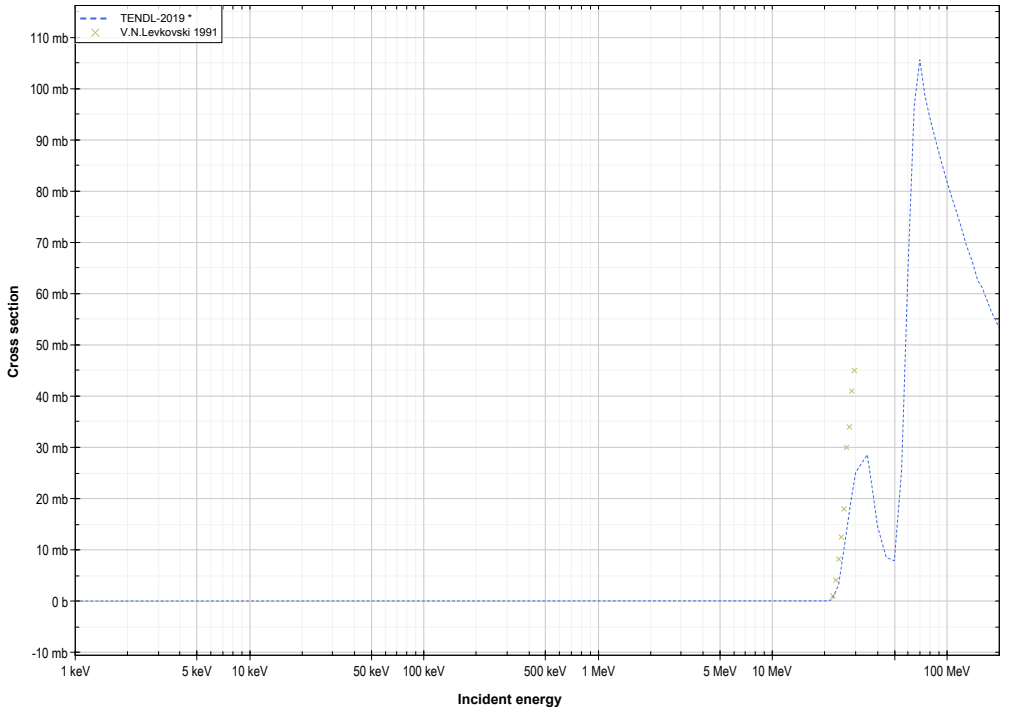
Reaction	Q-Value
Zr90(p,2n)Nb89	-17001.20 keV

<< 39-Y-89	**40-Zr-90**	40-Zr-91 >>
<< MT16 (p,2n)	**MT22 (p,n+α) or MT5 (Y86 production)**	MT28 (p,n+p) >>

Zr90 (p,n+α) or Y86 production log-log



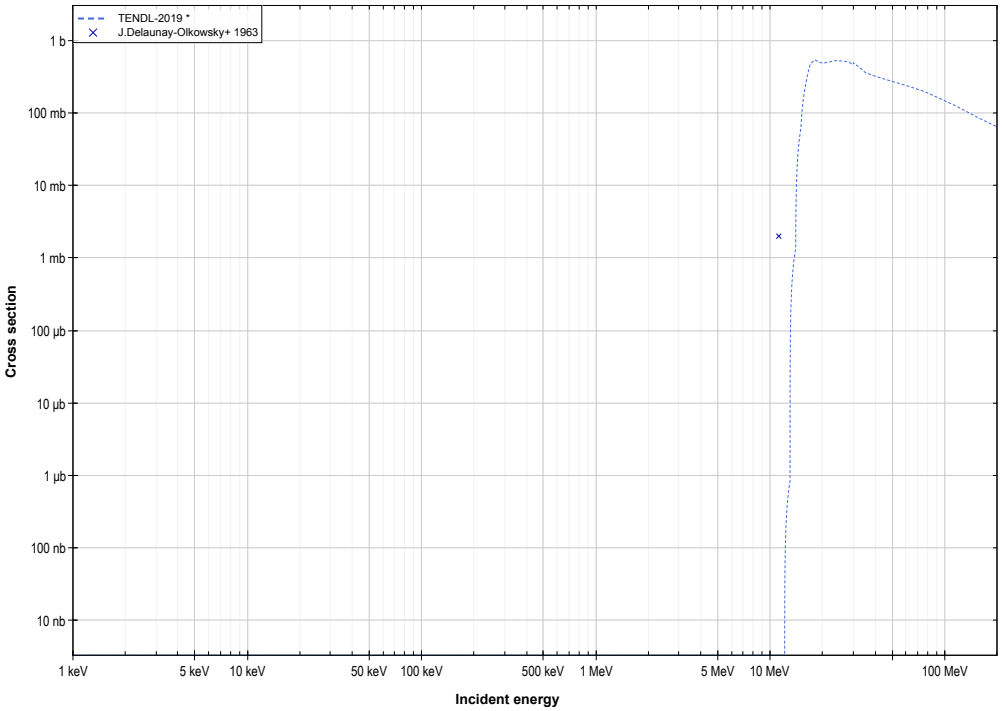
Zr90 (p,n+α) or Y86 production lin-log



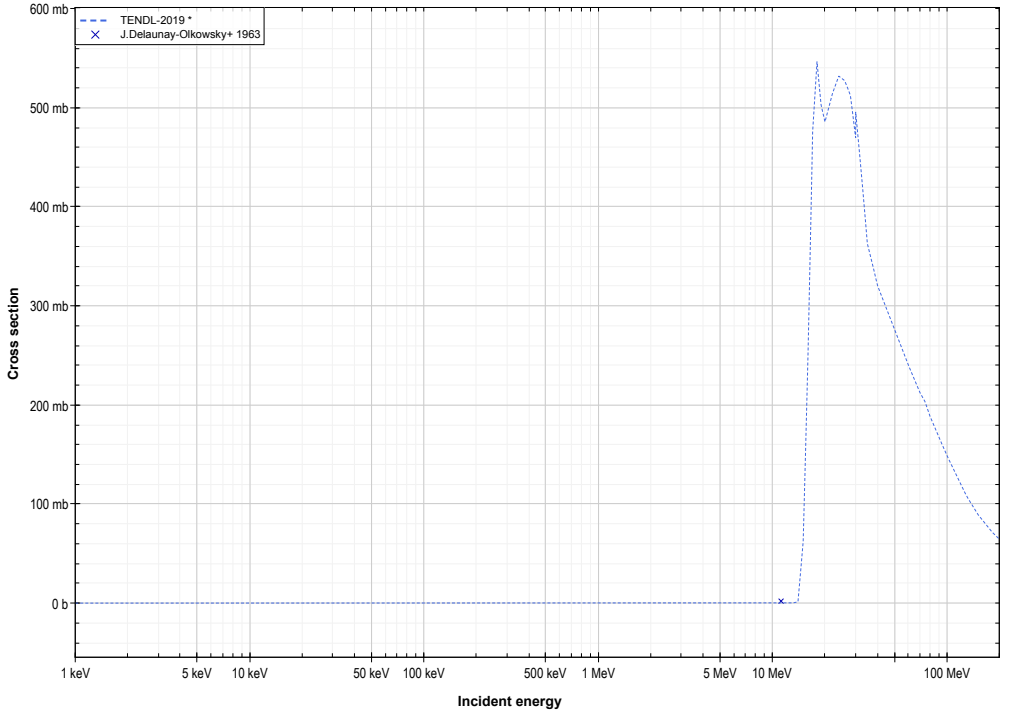
Reaction	Q-Value
Zr90(p,n+α)Y86	-12696.80 keV
Zr90(p,d+t)Y86	-30286.10 keV
Zr90(p,n+p+t)Y86	-32510.67 keV
Zr90(p,2n+He3)Y86	-33274.42 keV
Zr90(p,n+2d)Y86	-36543.33 keV
Zr90(p,2n+p+d)Y86	-38767.90 keV
Zr90(p,3n+2p)Y86	-40992.46 keV

<< 39-Y-89	**40-Zr-90**	40-Zr-96 >>
<< MT22 (p,n+α)	**MT28 (p,n+p) or MT5 (Zr89 production)**	MT104 (p,d) >>

Zr90 (p,n+p) or Zr89 production log-log



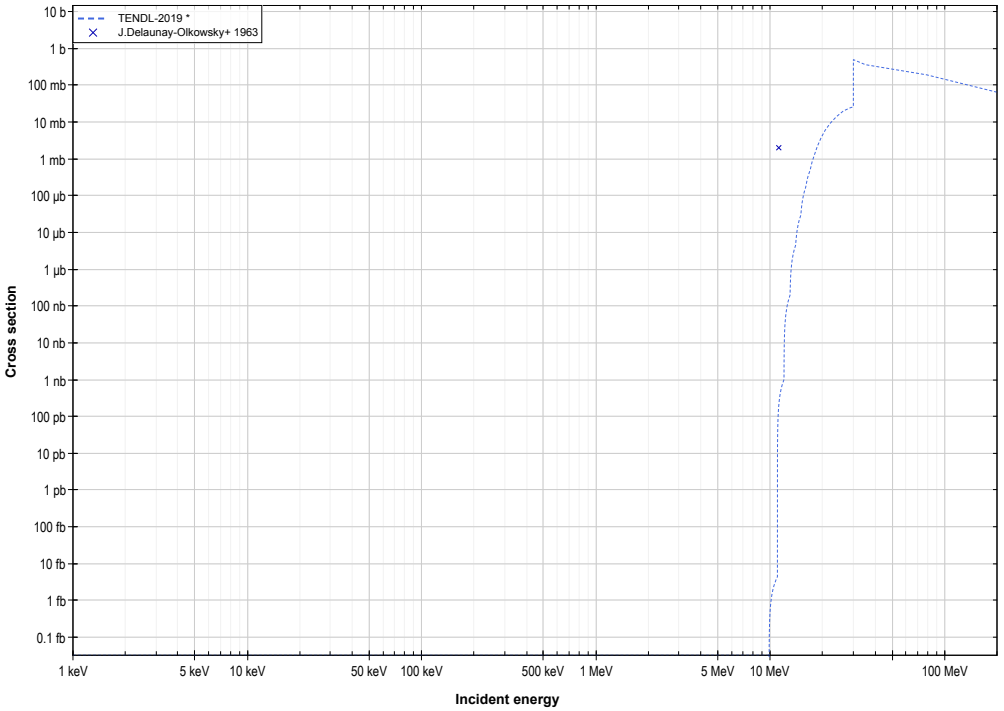
Zr90 (p,n+p) or Zr89 production lin-log



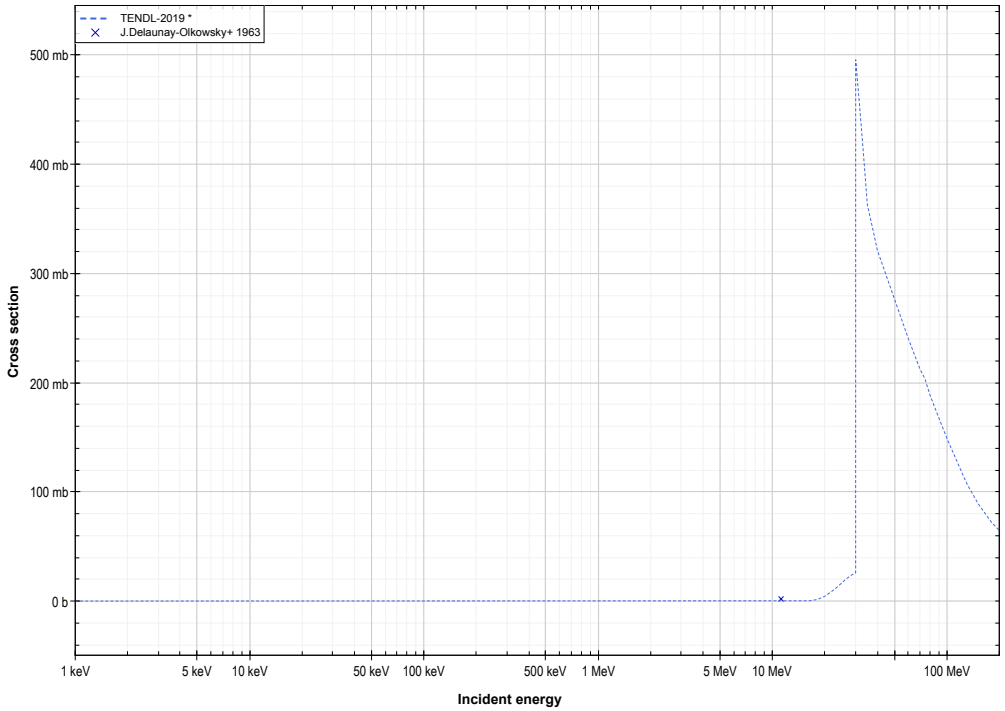
Reaction	Q-Value
Zr90(p,d)Zr89	-9743.29 keV
Zr90(p,n+p)Zr89	-11967.86 keV

<< 39-Y-89	**40-Zr-90**	40-Zr-96 >>
<< MT28 (p,n+p)	**MT104 (p,d) or MT5 (Zr89 production)**	MT107 (p,α) >>

Zr90 (p,d) or Zr89 production log-log



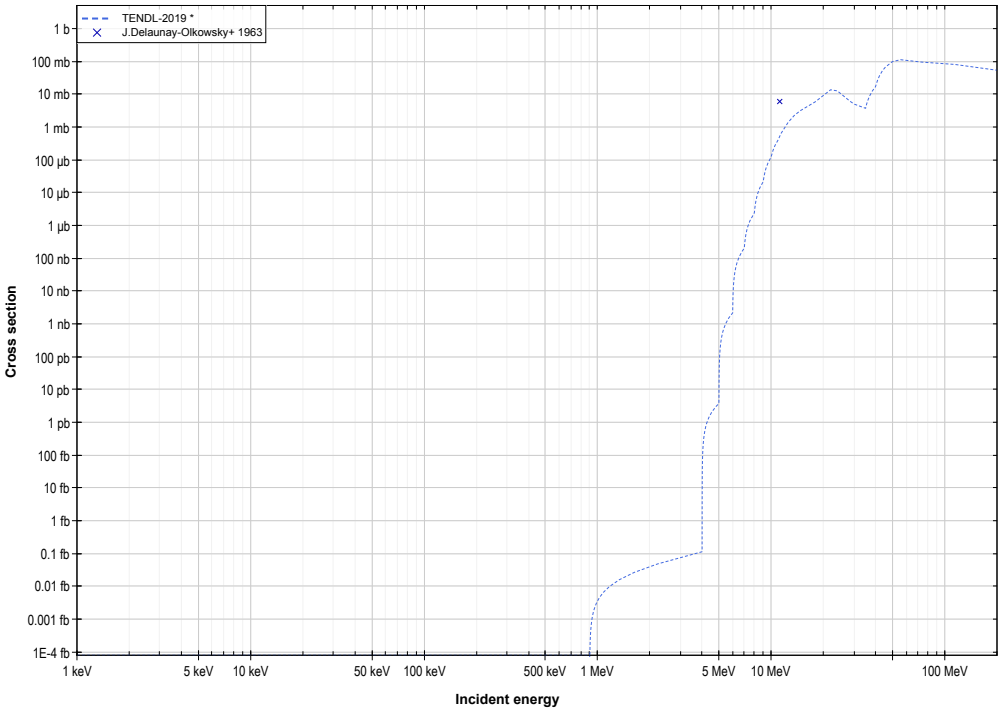
Zr90 (p,d) or Zr89 production lin-log



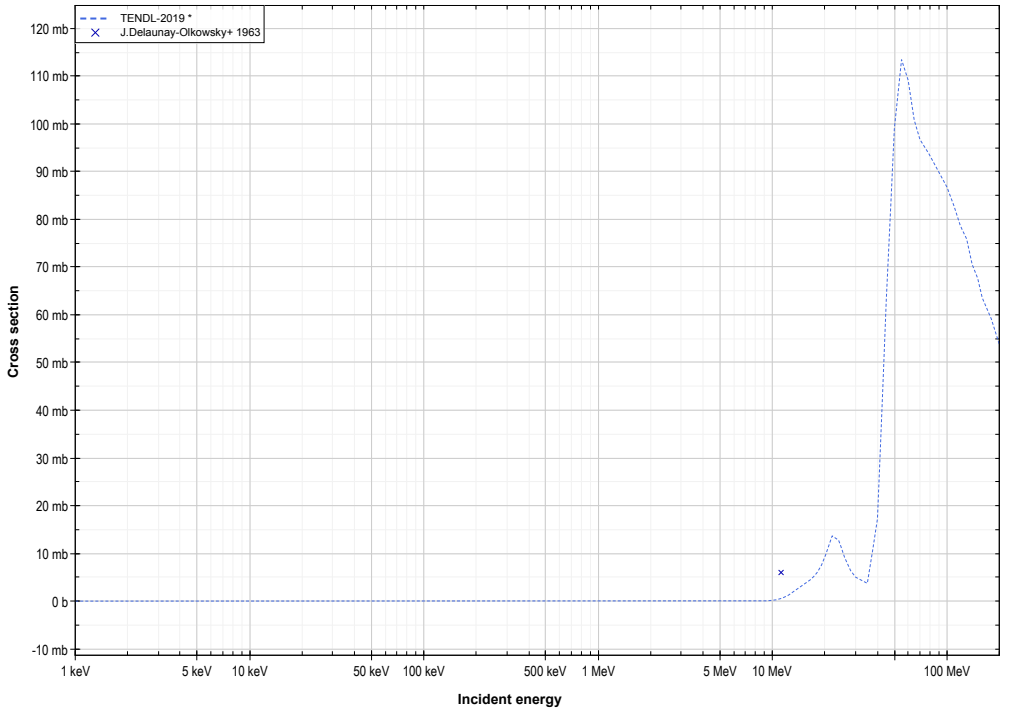
Reaction	Q-Value
Zr90(p,d)Zr89	-9743.29 keV
Zr90(p,n+p)Zr89	-11967.86 keV

<< 38-Sr-87	**40-Zr-90**	40-Zr-91 >>
<< MT104 (p,d)	**MT107 (p,α) or MT5 (Y87 production)**	MT176 (p,2n+³He) >>

Zr90 (p,α) or Y87 production log-log



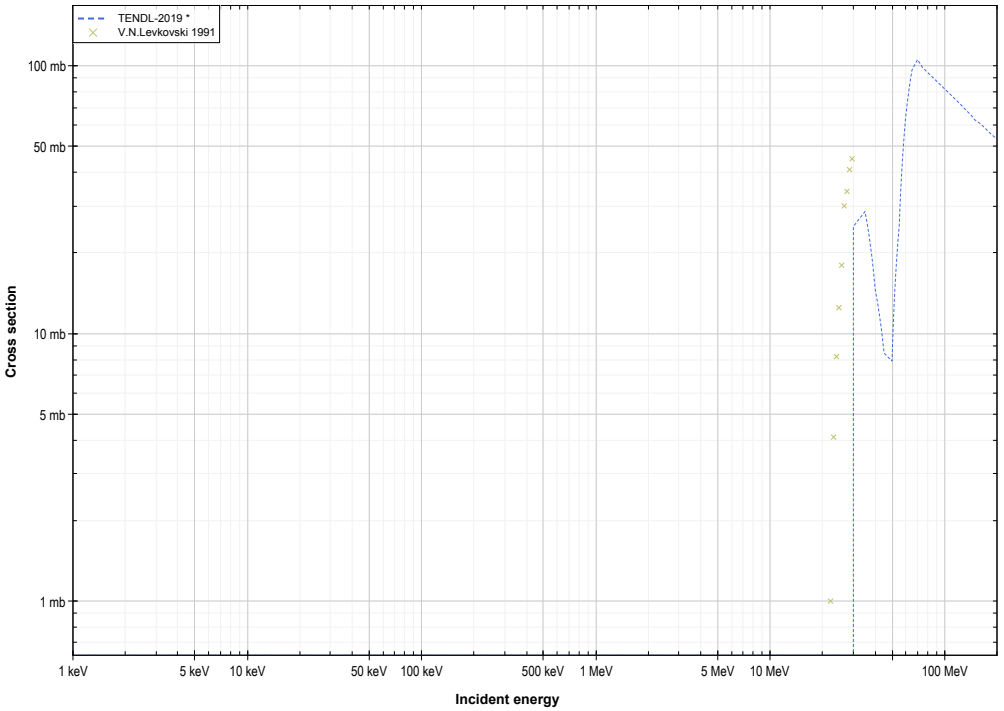
Zr90 (p,α) or Y87 production lin-log



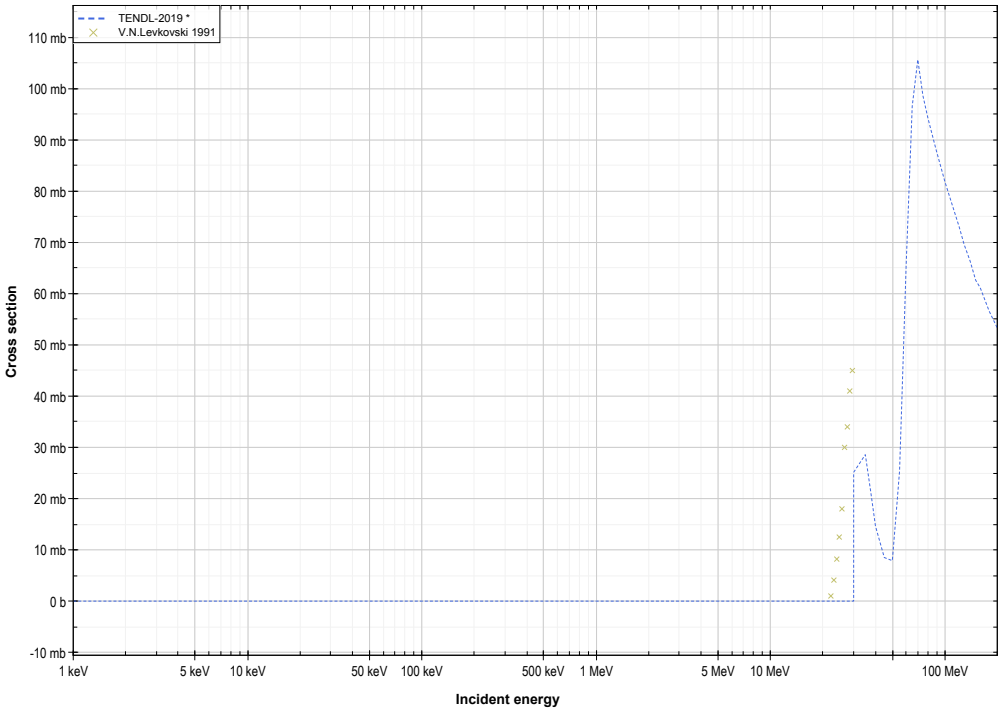
Reaction	Q-Value
Zr90(p,α)Y87	-890.09 keV
Zr90(p,p+t)Y87	-20703.95 keV
Zr90(p,n+He3)Y87	-21467.70 keV
Zr90(p,2d)Y87	-24736.61 keV
Zr90(p,n+p+d)Y87	-26961.18 keV
Zr90(p,2n+2p)Y87	-29185.74 keV

<< 39-Y-89	**40-Zr-90**	40-Zr-91 >>
<< MT107 (p,α)	**MT176 (p,2n+^{3}He) or MT5 (Y86 production)**	MT179 (p,3n+2p) >>

Zr90 (p,2n+^{3}He) or Y86 production log-log



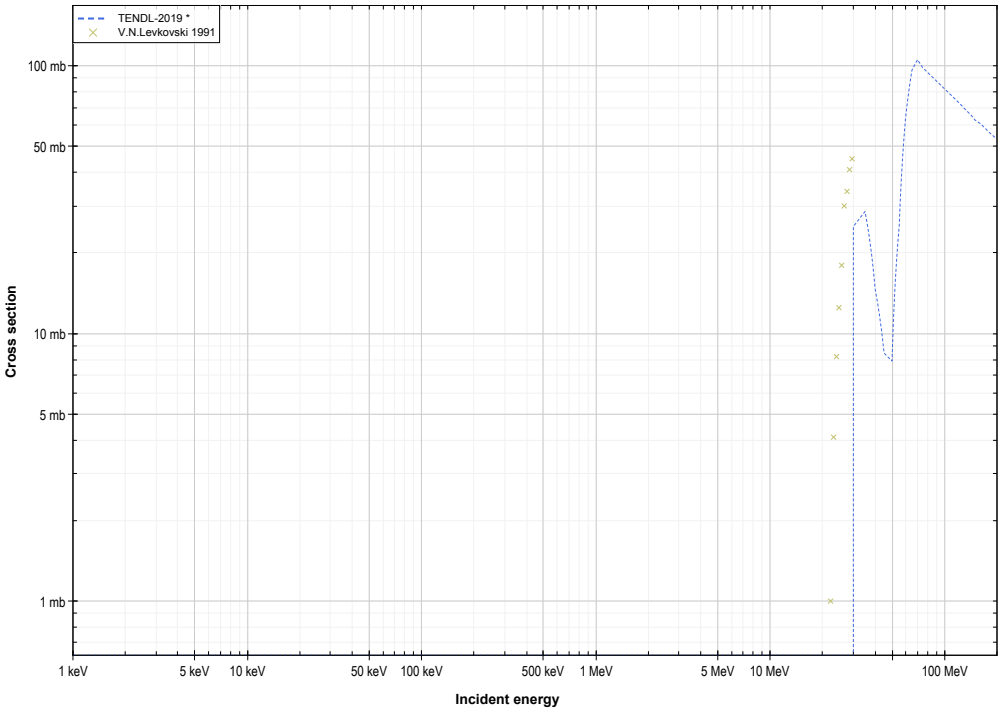
Zr90 (p,2n+^{3}He) or Y86 production lin-log



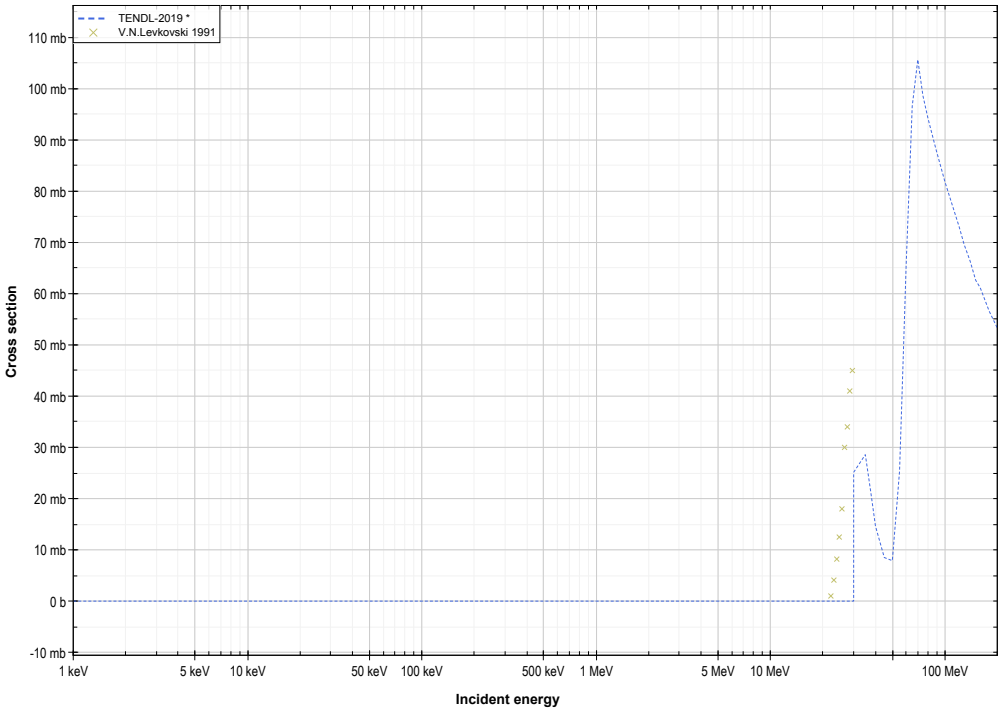
Reaction	Q-Value
Zr90(p,n+α)Y86	-12696.80 keV
Zr90(p,d+t)Y86	-30286.10 keV
Zr90(p,n+p+t)Y86	-32510.67 keV
Zr90(p,2n+He3)Y86	-33274.42 keV
Zr90(p,n+2d)Y86	-36543.33 keV
Zr90(p,2n+p+d)Y86	-38767.90 keV
Zr90(p,3n+2p)Y86	-40992.46 keV

<< 39-Y-89	**40-Zr-90**	40-Zr-91 >>
<< MT176 (p,2n+³He)	**MT179 (p,3n+2p) or MT5 (Y86 production)**	MT182 (p,d+t) >>

Zr90 (p,3n+2p) or Y86 production log-log



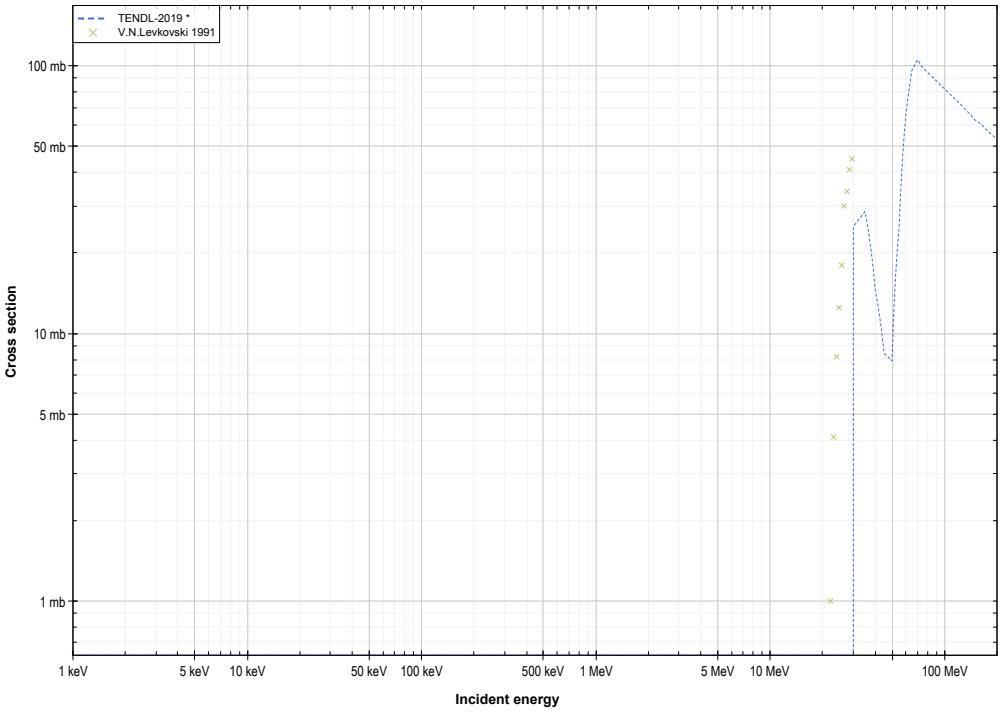
Zr90 (p,3n+2p) or Y86 production lin-log



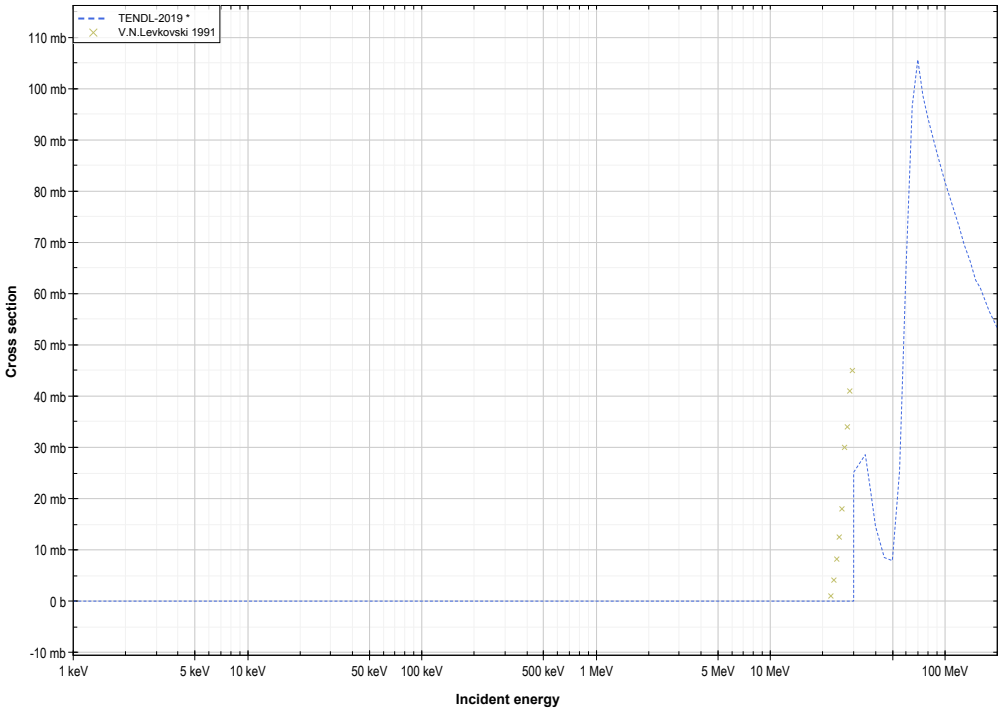
Reaction	Q-Value
Zr90(p,n+α)Y86	-12696.80 keV
Zr90(p,d+t)Y86	-30286.10 keV
Zr90(p,n+p+t)Y86	-32510.67 keV
Zr90(p,2n+He3)Y86	-33274.42 keV
Zr90(p,n+2d)Y86	-36543.33 keV
Zr90(p,2n+p+d)Y86	-38767.90 keV
Zr90(p,3n+2p)Y86	-40992.46 keV

<< 39-Y-89	**40-Zr-90**	40-Zr-91 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Y86 production)**	MT184 (p,n+p+t) >>

Zr90 (p,d+t) or Y86 production log-log



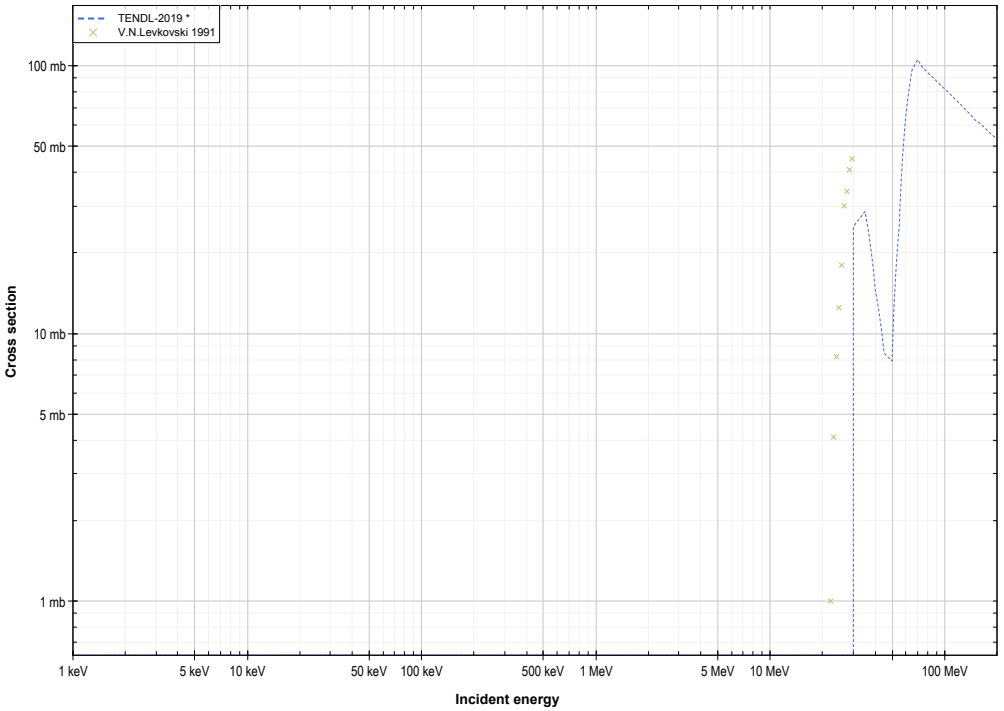
Zr90 (p,d+t) or Y86 production lin-log



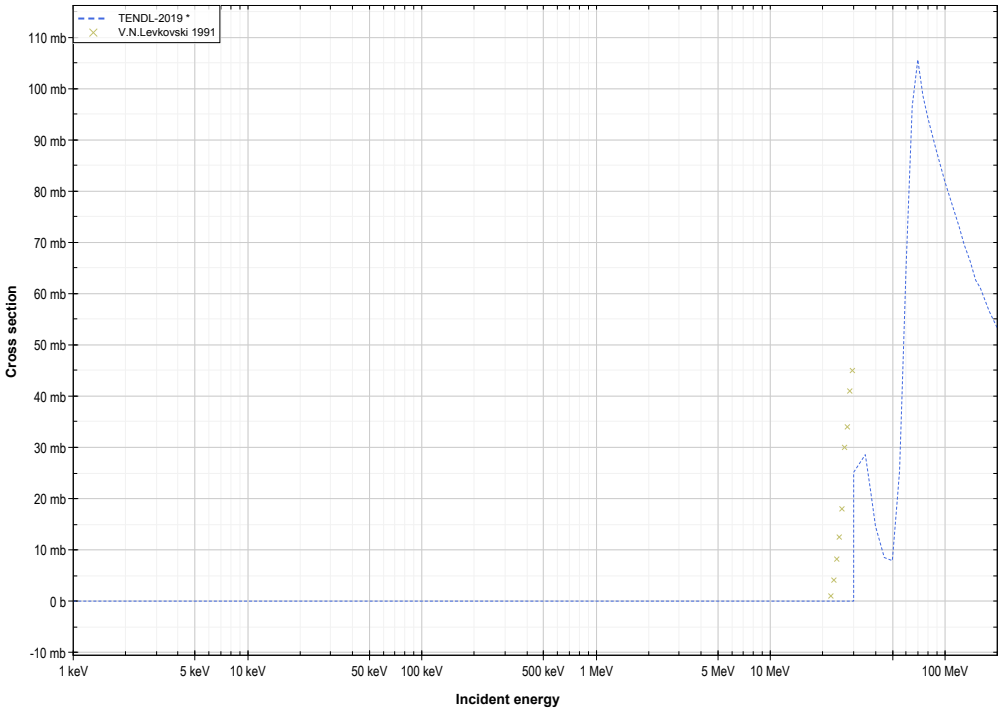
Reaction	Q-Value
Zr90(p,n+α)Y86	-12696.80 keV
Zr90(p,d+t)Y86	-30286.10 keV
Zr90(p,n+p+t)Y86	-32510.67 keV
Zr90(p,2n+He3)Y86	-33274.42 keV
Zr90(p,n+2d)Y86	-36543.33 keV
Zr90(p,2n+p+d)Y86	-38767.90 keV
Zr90(p,3n+2p)Y86	-40992.46 keV

<< 39-Y-89	**40-Zr-90**	40-Zr-91 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Y86 production)**	MT193 (p,³He+α) >>

Zr90 (p,n+p+t) or Y86 production log-log



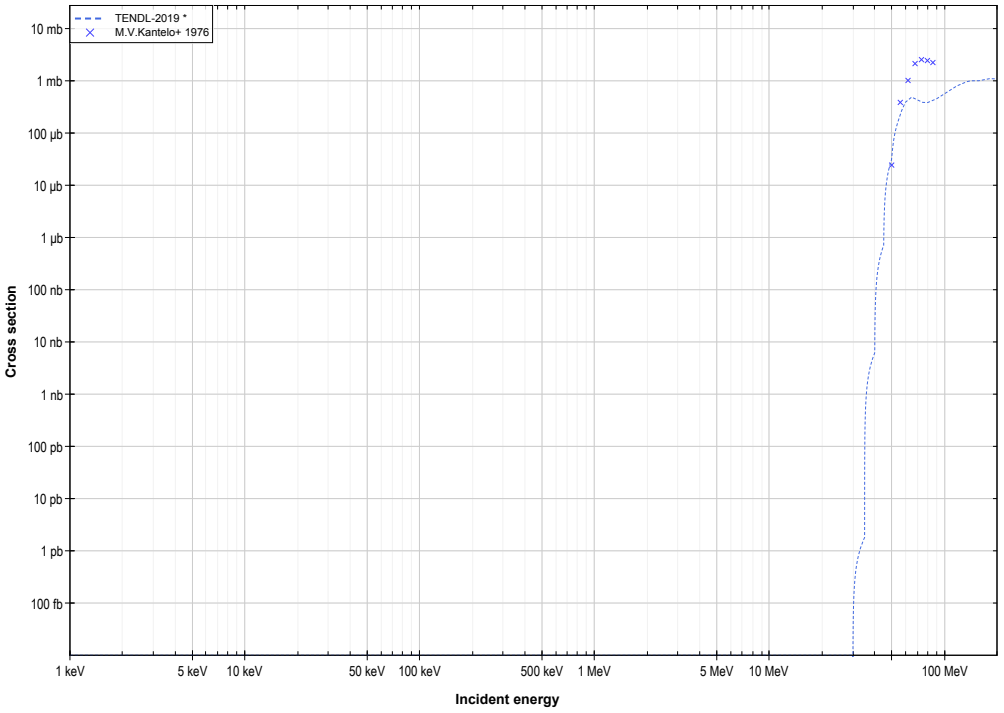
Zr90 (p,n+p+t) or Y86 production lin-log



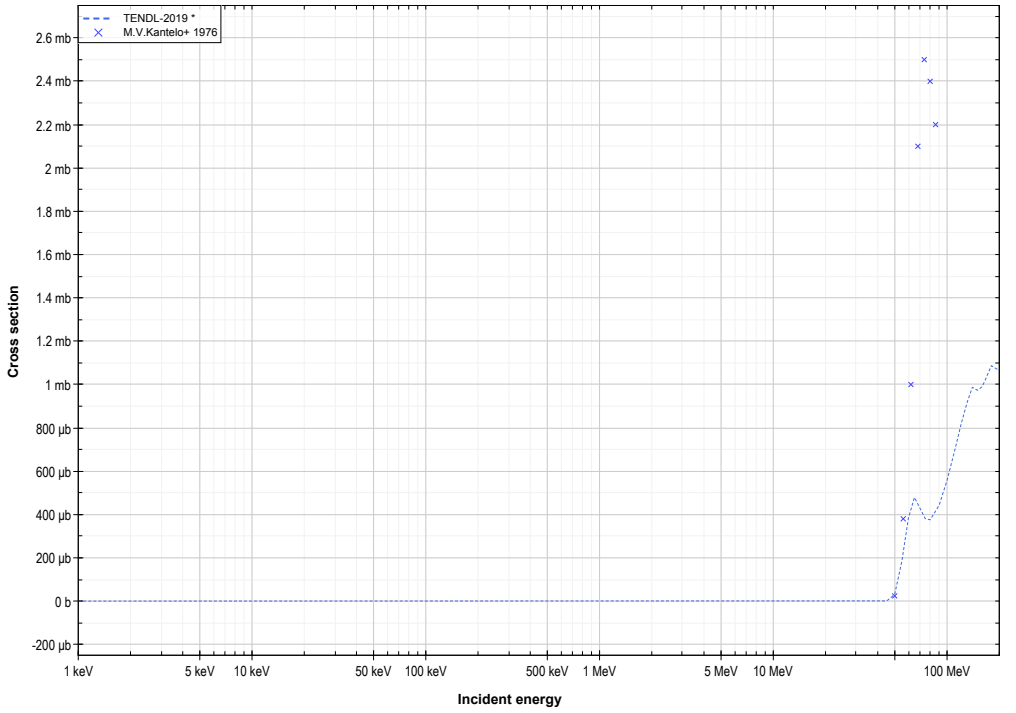
Reaction	Q-Value
Zr90(p,n+α)Y86	-12696.80 keV
Zr90(p,d+t)Y86	-30286.10 keV
Zr90(p,n+p+t)Y86	-32510.67 keV
Zr90(p,2n+He3)Y86	-33274.42 keV
Zr90(p,n+2d)Y86	-36543.33 keV
Zr90(p,2n+p+d)Y86	-38767.90 keV
Zr90(p,3n+2p)Y86	-40992.46 keV

<< 28-Ni-60	**40-Zr-90**	
<< MT184 (p,n+p+t)	**MT193 (p,³He+α) or MT5 (Rb84 production)**	40-Zr-91 MT4 (p,n) >>

Zr90 (p,³He+α) or Rb84 production log-log



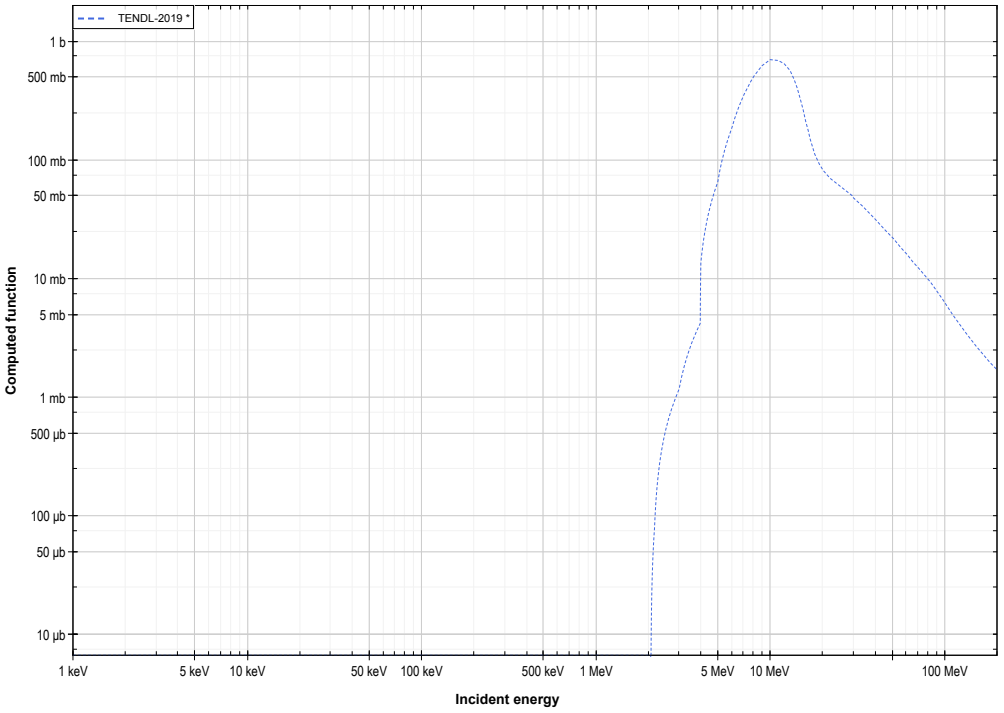
Zr90 (p,³He+α) or Rb84 production lin-log



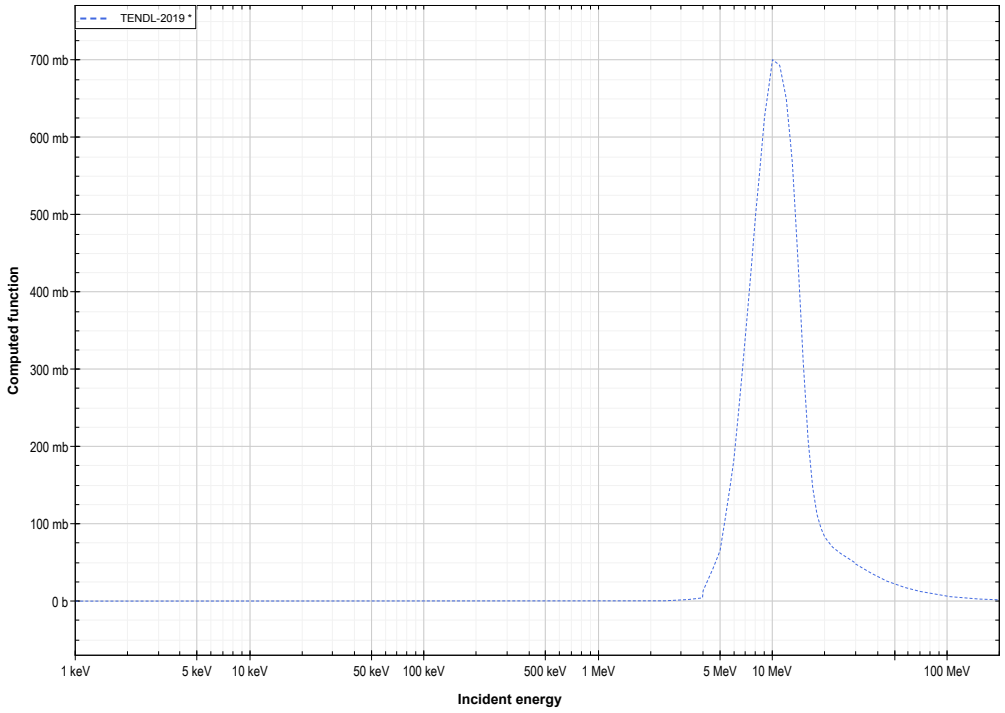
Reaction	Q-Value	Reaction	Q-Value
Zr90(p,He3+α)Rb84	-19080.70 keV	Zr90(p,n+3p+t)Rb84	-46612.61 keV
Zr90(p,p+d+α)Rb84	-24574.18 keV	Zr90(p,2n+2p+He3)Rb84	-47376.36 keV
Zr90(p,n+2p+α)Rb84	-26798.74 keV	Zr90(p,p+3d)Rb84	-48420.71 keV
Zr90(p,p+t+He3)Rb84	-38894.57 keV	Zr90(p,n+2p+2d)Rb84	-50645.27 keV
Zr90(p,n+2He3)Rb84	-39658.32 keV	Zr90(p,2n+3p+d)Rb84	-52869.84 keV
Zr90(p,2d+He3)Rb84	-42927.23 keV	Zr90(p,3n+4p)Rb84	-55094.40 keV
Zr90(p,2p+d+t)Rb84	-44388.04 keV		
Zr90(p,n+p+d+He3)Rb84	-45151.80 keV		

<< 40-Zr-90	**40-Zr-91**	40-Zr-92 >>
<< 40-Zr-90 MT193 (p,³He+α)	**MT4 (p,n) or MT5 (Nb91 production)**	MT16 (p,2n) >>

Zr91 (p,n) or Nb91 production log-log



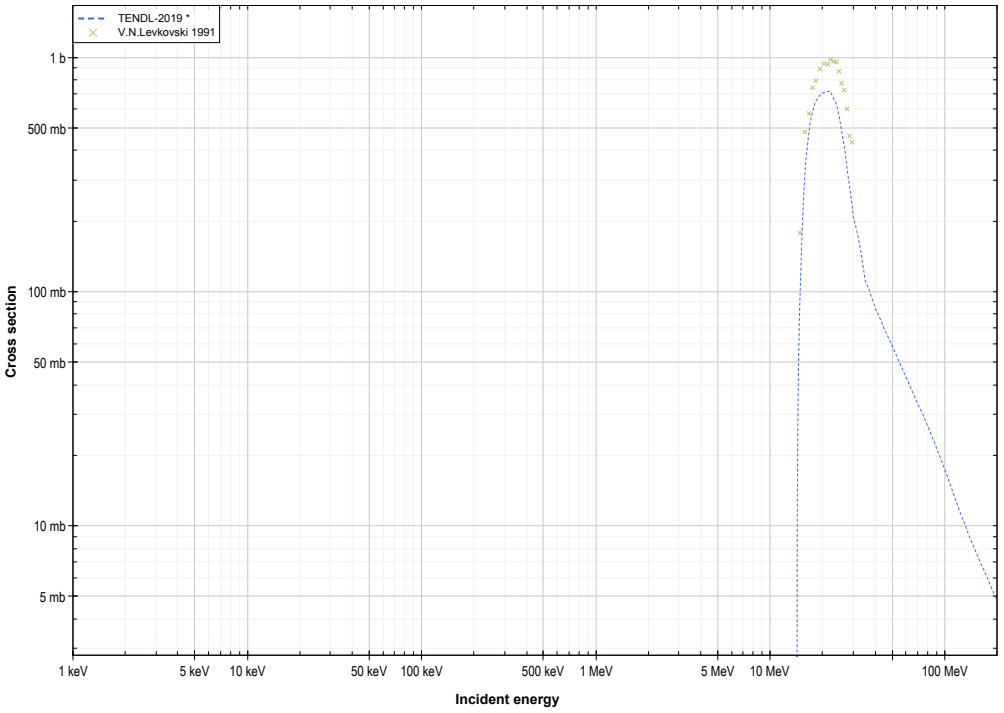
Zr91 (p,n) or Nb91 production lin-log



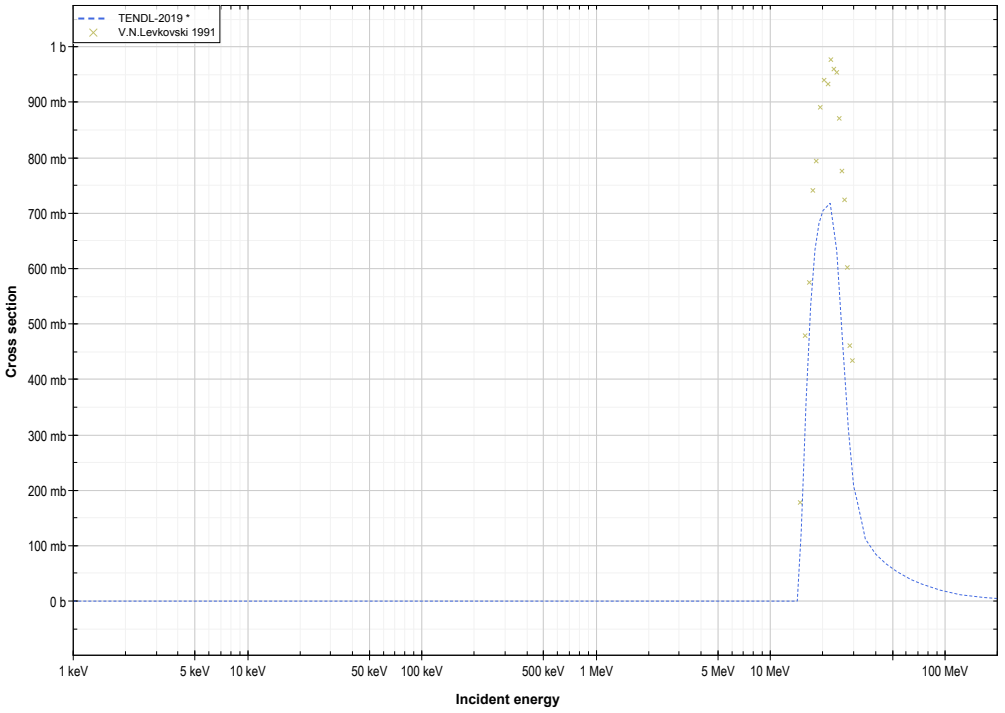
Reaction	Q-Value
Zr91(p,n)Nb91	-2039.92 keV

<< 40-Zr-90	**40-Zr-91**	40-Zr-96 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Nb90 production)**	MT22 (p,n+α) >>

Zr91 (p,2n) or Nb90 production log-log



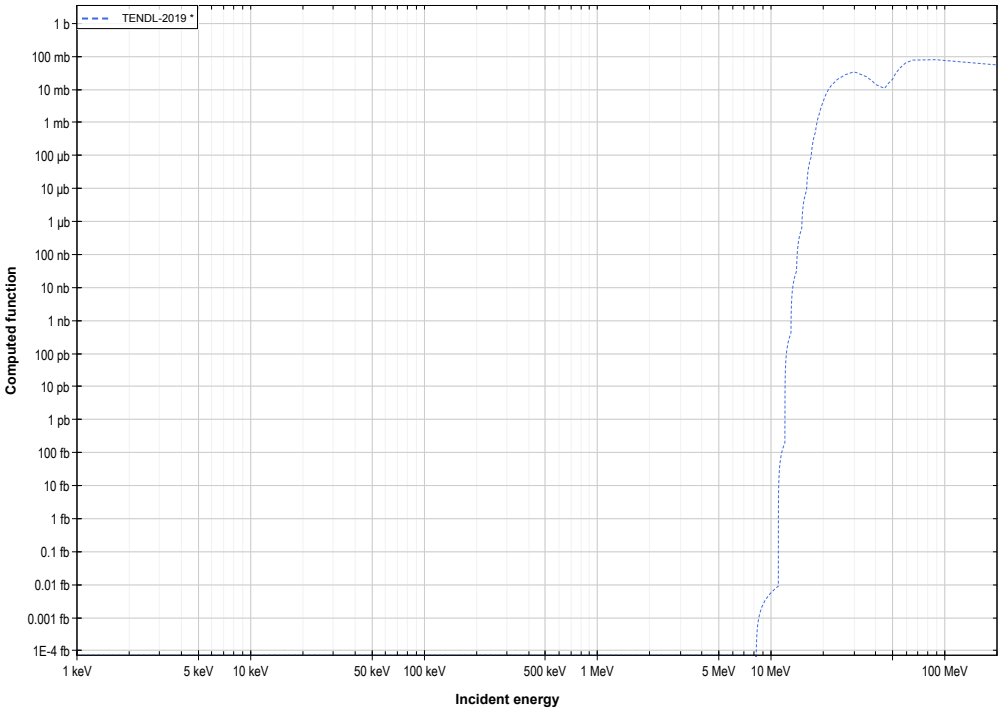
Zr91 (p,2n) or Nb90 production lin-log



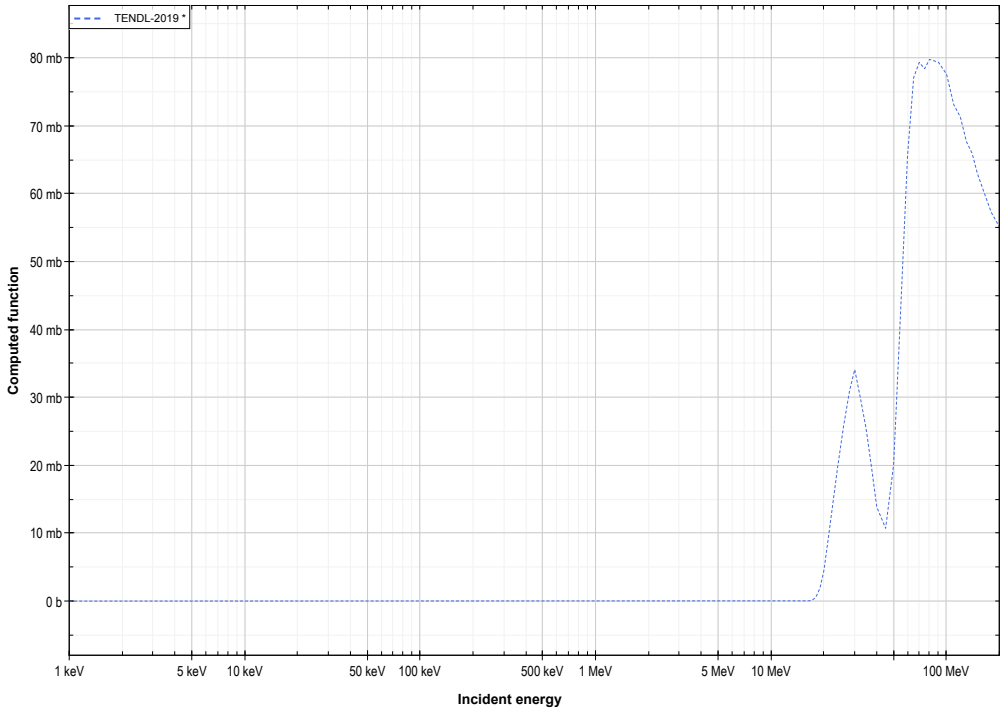
Reaction	Q-Value
Zr91(p,2n)Nb90	-14087.23 keV

<< 40-Zr-90	**40-Zr-91**	40-Zr-92 >>
<< MT16 (p,2n)	**MT22 (p,n+α) or MT5 (Y87 production)**	MT107 (p,α) >>

Zr91 (p,n+α) or Y87 production log-log



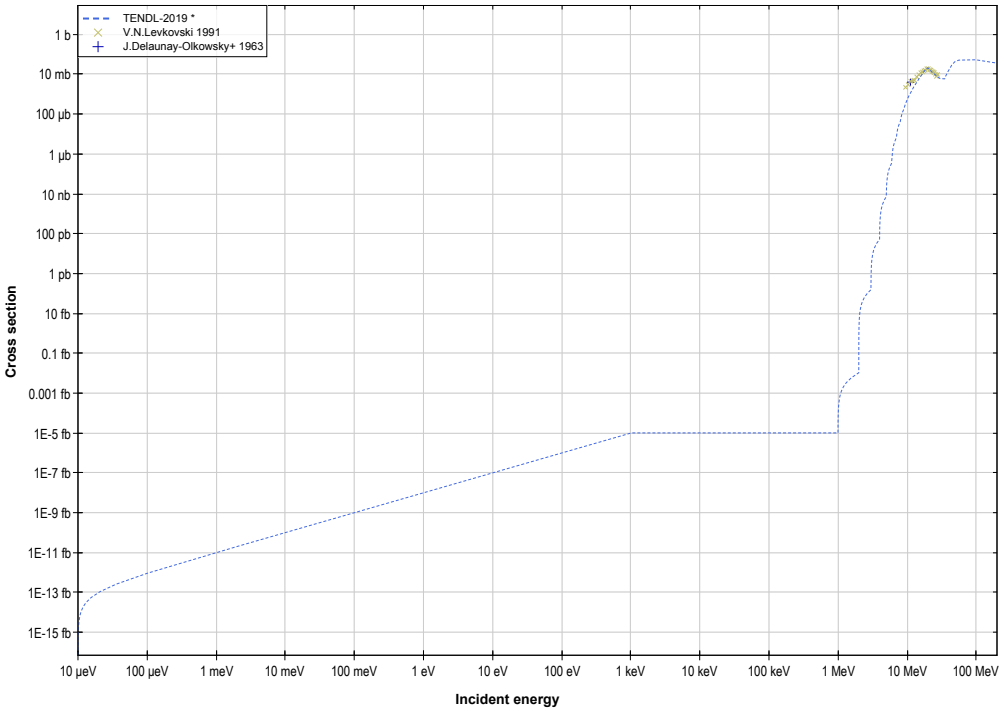
Zr91 (p,n+α) or Y87 production lin-log



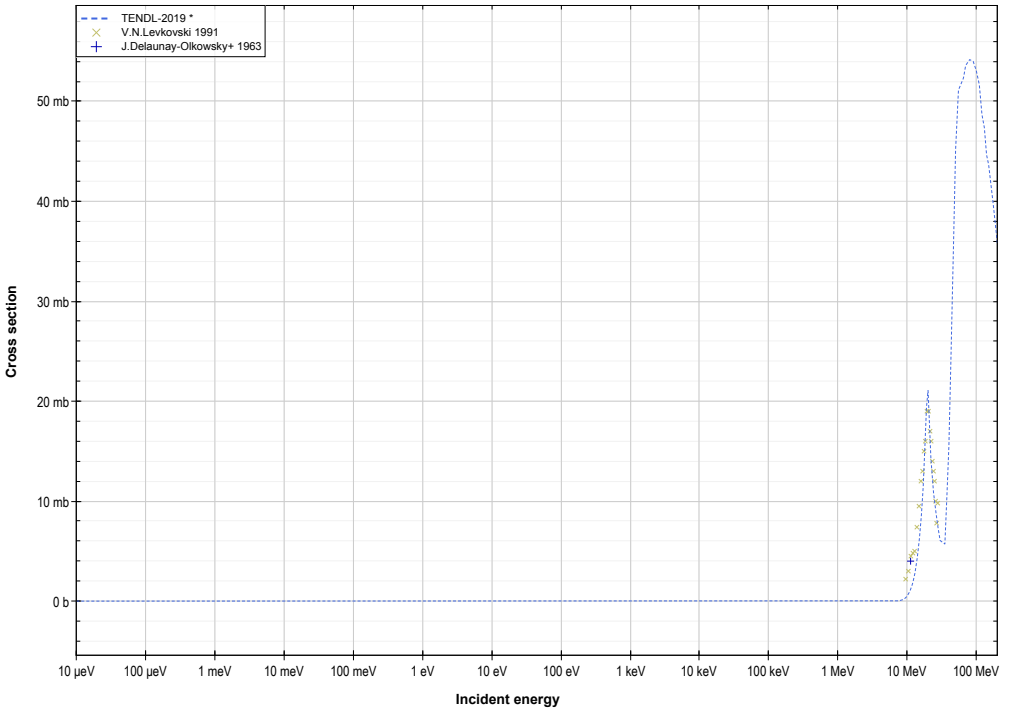
Reaction	Q-Value
Zr91(p,n+α)Y87	-8084.43 keV
Zr91(p,d+t)Y87	-25673.73 keV
Zr91(p,n+p+t)Y87	-27898.30 keV
Zr91(p,2n+He3)Y87	-28662.05 keV
Zr91(p,n+2d)Y87	-31930.96 keV
Zr91(p,2n+p+d)Y87	-34155.53 keV
Zr91(p,3n+2p)Y87	-36380.09 keV

<< 40-Zr-90	**40-Zr-91**	40-Zr-94 >>
<< MT22 (p,n+α)	**MT107 (p,α) or MT5 (Y88 production)**	MT176 (p,2n+³He) >>

Zr91 (p,α) or Y88 production log-log



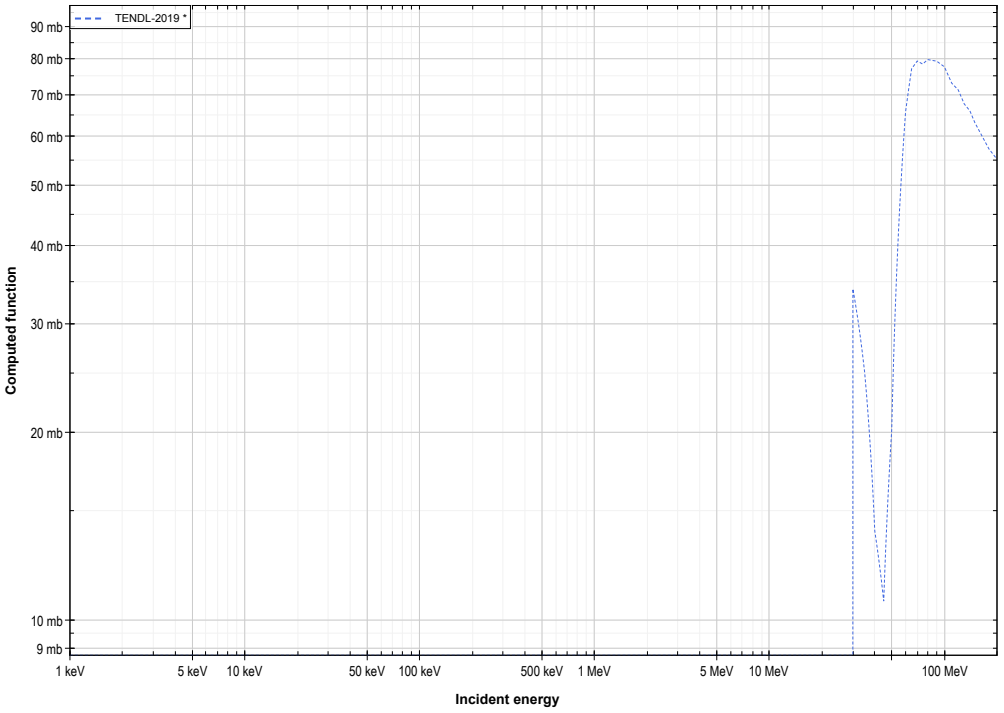
Zr91 (p,α) or Y88 production lin-log



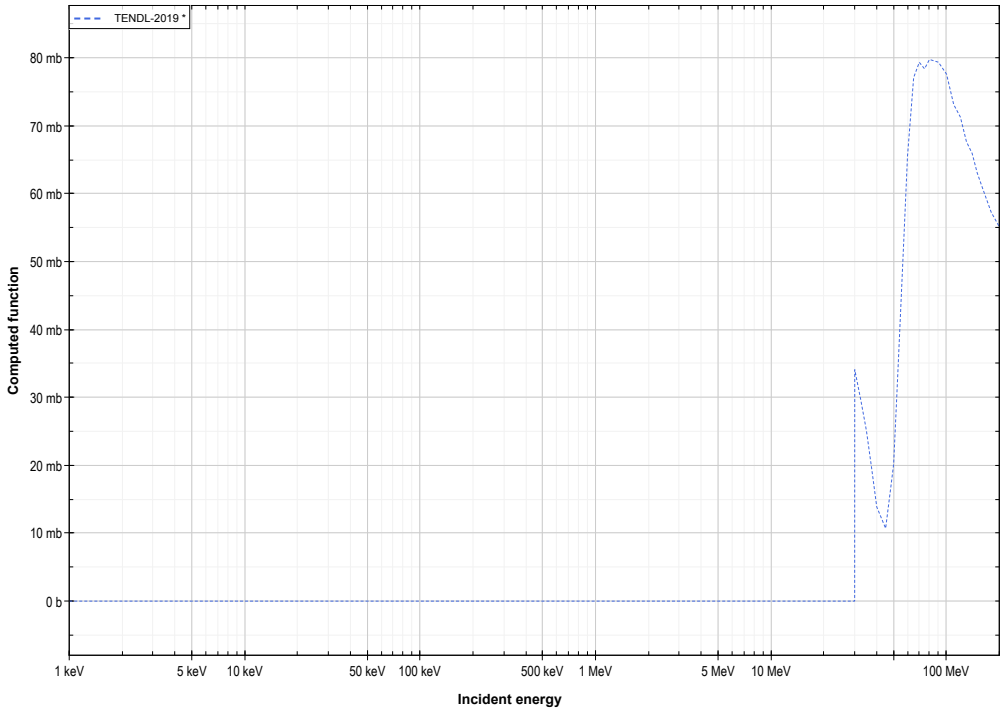
Reaction	Q-Value
Zr91(p,α)Y88	1267.48 keV
Zr91(p,p+t)Y88	-18546.38 keV
Zr91(p,n+He3)Y88	-19310.13 keV
Zr91(p,2d)Y88	-22579.04 keV
Zr91(p,n+p+d)Y88	-24803.61 keV
Zr91(p,2n+2p)Y88	-27028.17 keV

<< 40-Zr-90	**40-Zr-91**	40-Zr-92 >>
<< MT107 (p,α)	**MT176 (p,2n+^{3}He) or MT5 (Y87 production)**	MT179 (p,3n+2p) >>

Zr91 (p,2n+^{3}He) or Y87 production log-log



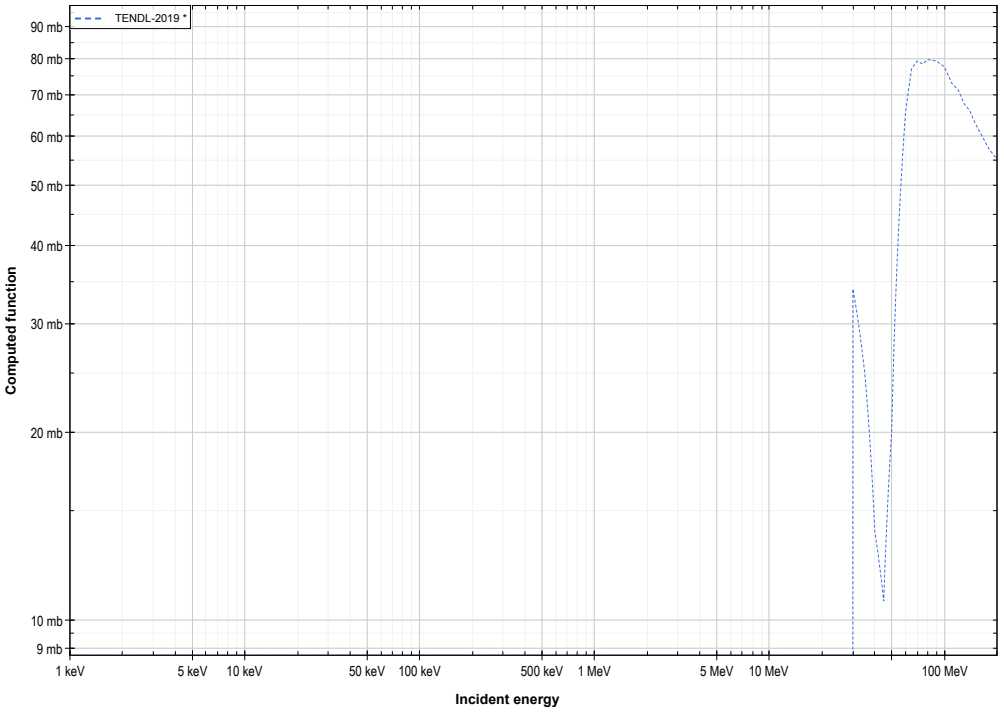
Zr91 (p,2n+^{3}He) or Y87 production lin-log



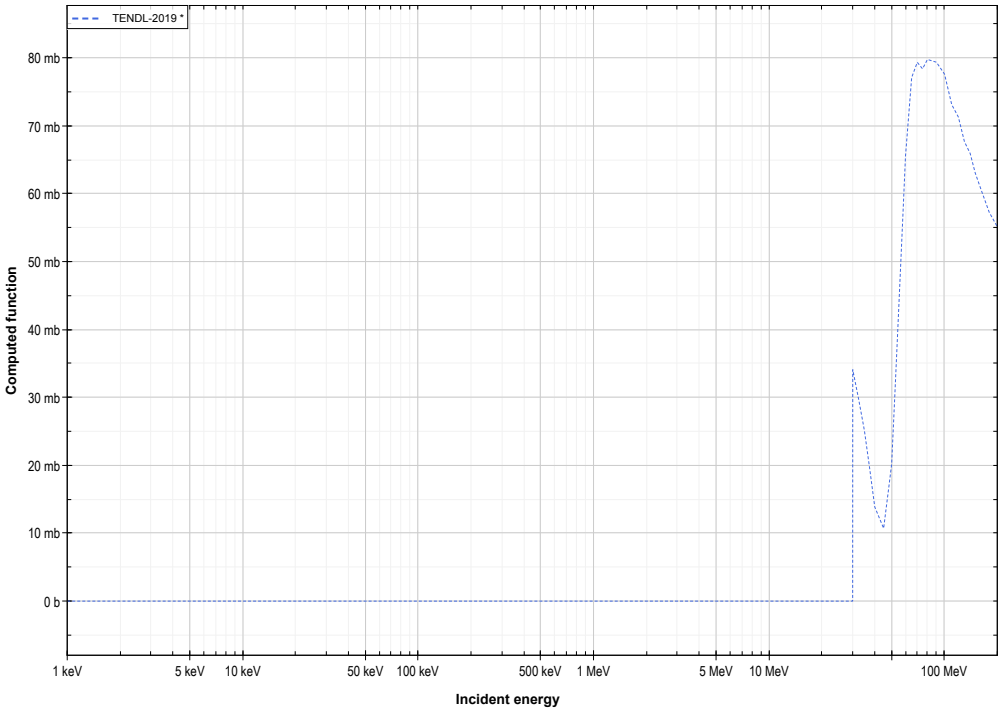
Reaction	Q-Value
Zr91(p,n+α)Y87	-8084.43 keV
Zr91(p,d+t)Y87	-25673.73 keV
Zr91(p,n+p+t)Y87	-27898.30 keV
Zr91(p,2n+He3)Y87	-28662.05 keV
Zr91(p,n+2d)Y87	-31930.96 keV
Zr91(p,2n+p+d)Y87	-34155.53 keV
Zr91(p,3n+2p)Y87	-36380.09 keV

<< 40-Zr-90	**40-Zr-91**	40-Zr-92 >>
<< MT176 (p,2n+^{3}He)	**MT179 (p,3n+2p) or MT5 (Y87 production)**	MT182 (p,d+t) >>

Zr91 (p,3n+2p) or Y87 production log-log



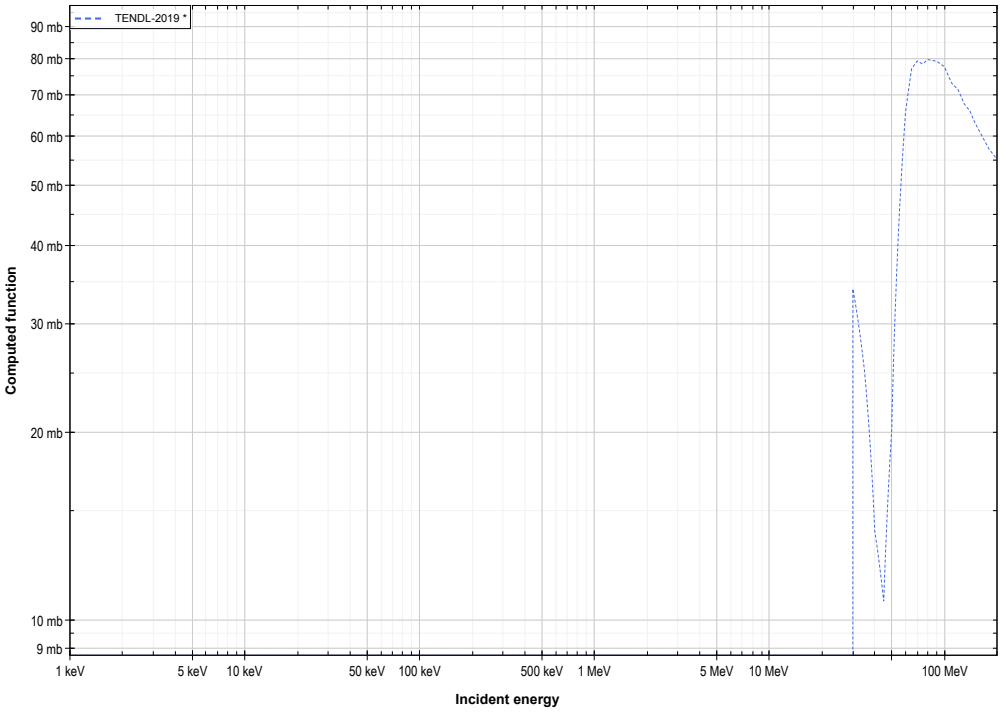
Zr91 (p,3n+2p) or Y87 production lin-log



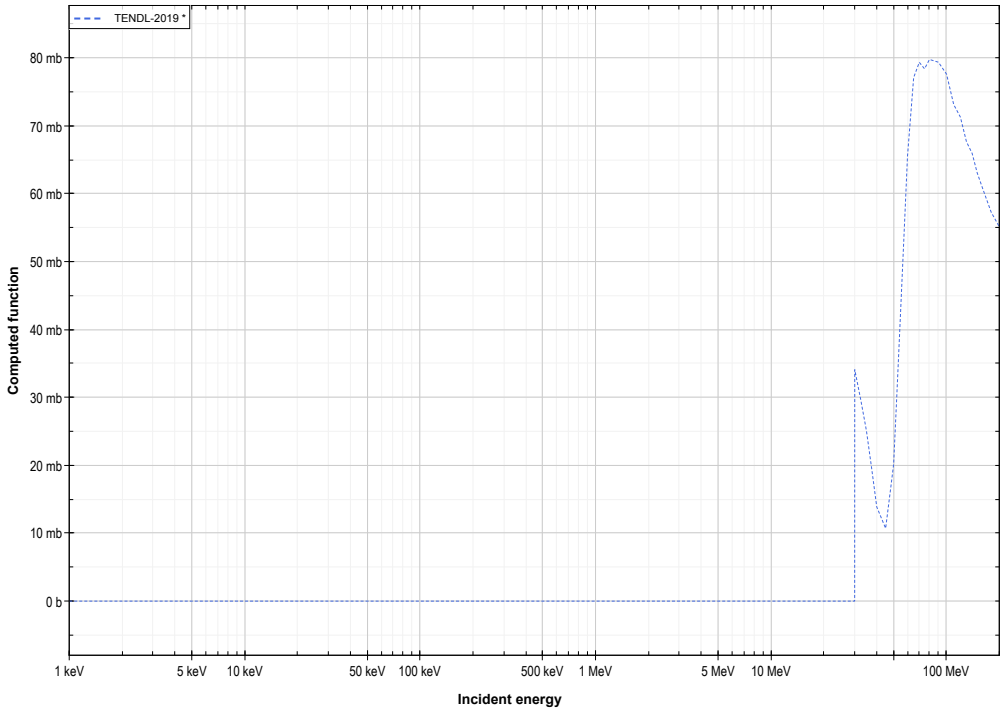
Reaction	Q-Value
Zr91(p,n+α)Y87	-8084.43 keV
Zr91(p,d+t)Y87	-25673.73 keV
Zr91(p,n+p+t)Y87	-27898.30 keV
Zr91(p,2n+He3)Y87	-28662.05 keV
Zr91(p,n+2d)Y87	-31930.96 keV
Zr91(p,2n+p+d)Y87	-34155.53 keV
Zr91(p,3n+2p)Y87	-36380.09 keV

<< 40-Zr-90	**40-Zr-91**	40-Zr-92 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Y87 production)**	MT184 (p,n+p+t) >>

Zr91 (p,d+t) or Y87 production log-log



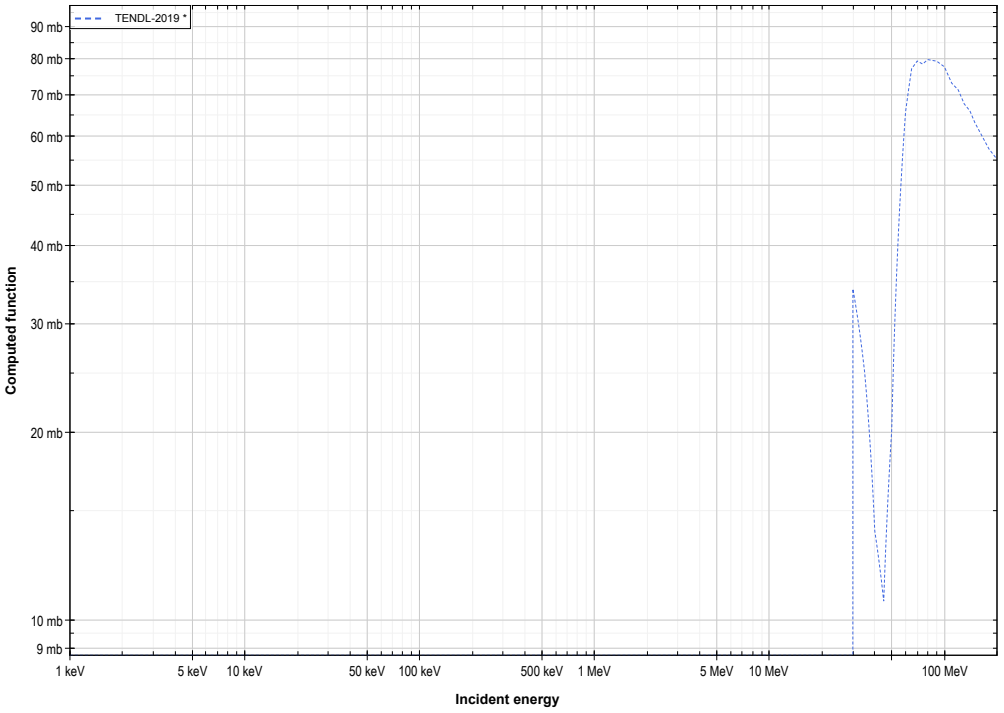
Zr91 (p,d+t) or Y87 production lin-log



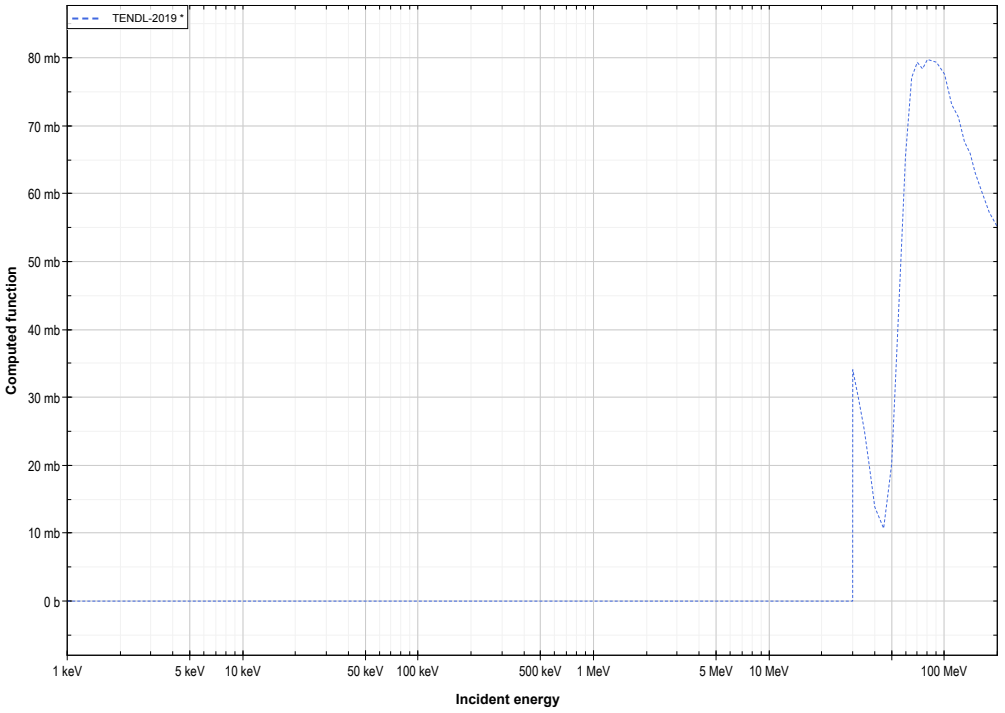
Reaction	Q-Value
Zr91(p,n+α)Y87	-8084.43 keV
Zr91(p,d+t)Y87	-25673.73 keV
Zr91(p,n+p+t)Y87	-27898.30 keV
Zr91(p,2n+He3)Y87	-28662.05 keV
Zr91(p,n+2d)Y87	-31930.96 keV
Zr91(p,2n+p+d)Y87	-34155.53 keV
Zr91(p,3n+2p)Y87	-36380.09 keV

<< 40-Zr-90	**40-Zr-91**	40-Zr-92 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Y87 production)**	40-Zr-92 MT4 (p,n) >>

Zr91 (p,n+p+t) or Y87 production log-log



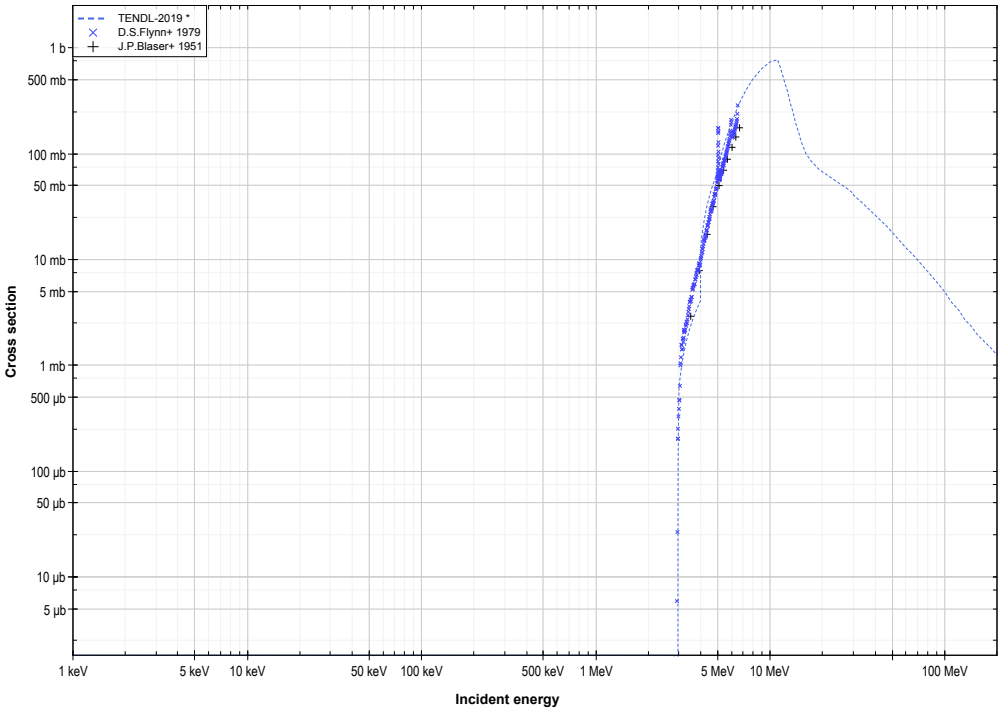
Zr91 (p,n+p+t) or Y87 production lin-log



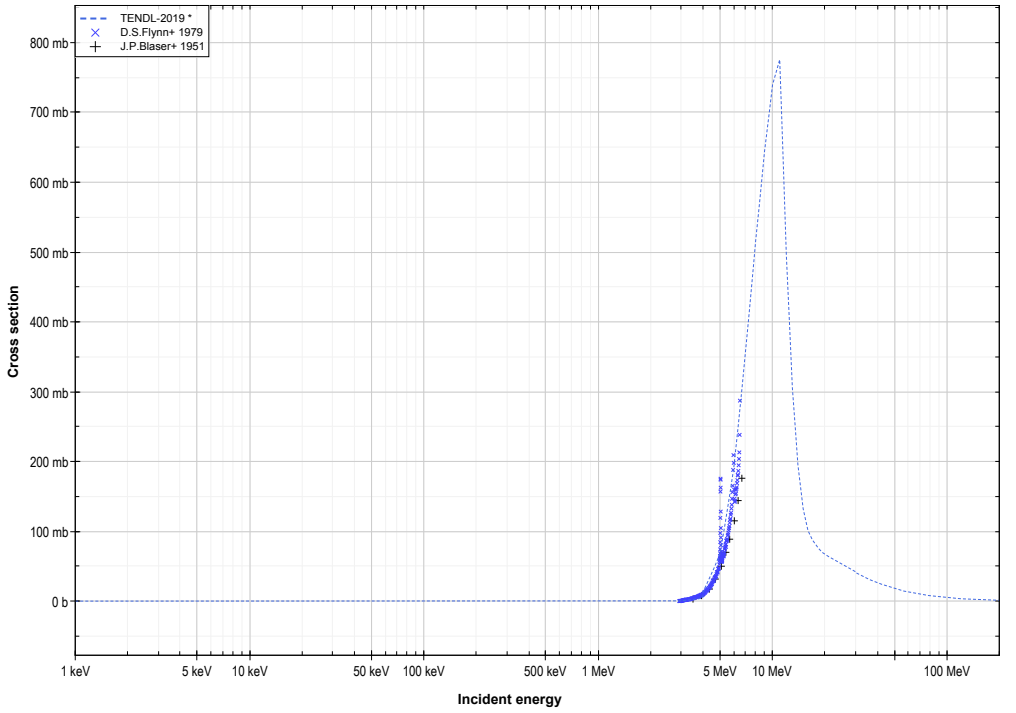
Reaction	Q-Value
Zr91(p,n+α)Y87	-8084.43 keV
Zr91(p,d+t)Y87	-25673.73 keV
Zr91(p,n+p+t)Y87	-27898.30 keV
Zr91(p,2n+He3)Y87	-28662.05 keV
Zr91(p,n+2d)Y87	-31930.96 keV
Zr91(p,2n+p+d)Y87	-34155.53 keV
Zr91(p,3n+2p)Y87	-36380.09 keV

<< 40-Zr-91	**40-Zr-92**	40-Zr-94 >>
<< 40-Zr-91 MT184 (p,n+p+t)	**MT4 (p,n) or MT5 (Nb92 production)**	MT17 (p,3n) >>

Zr92 (p,n) or Nb92 production log-log



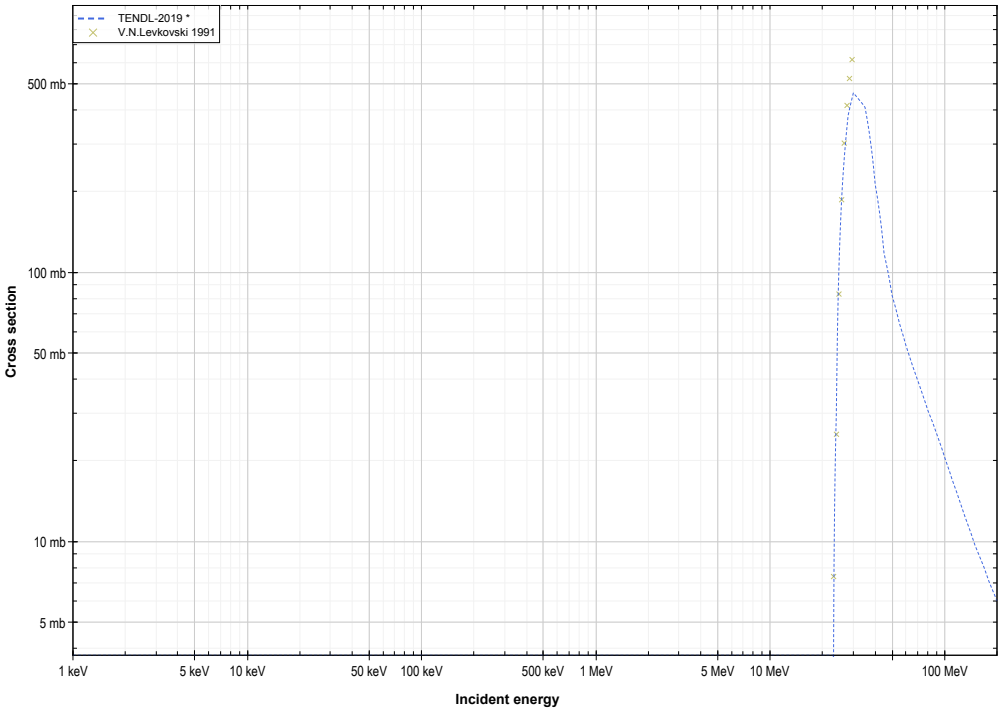
Zr92 (p,n) or Nb92 production lin-log



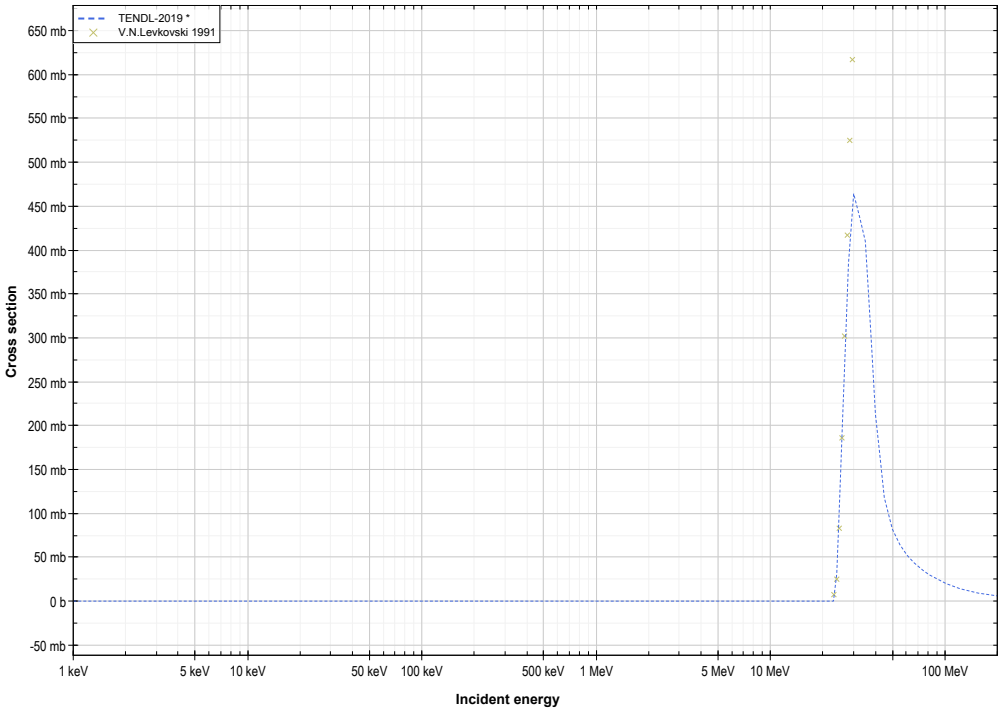
Reaction	Q-Value
Zr92(p,n)Nb92	-2788.08 keV

<< 39-Y-89	**40-Zr-92**	42-Mo-95 >>
<< MT4 (p,n)	**MT17 (p,3n) or MT5 (Nb90 production)**	MT22 (p,n+α) >>

Zr92 (p,3n) or Nb90 production log-log



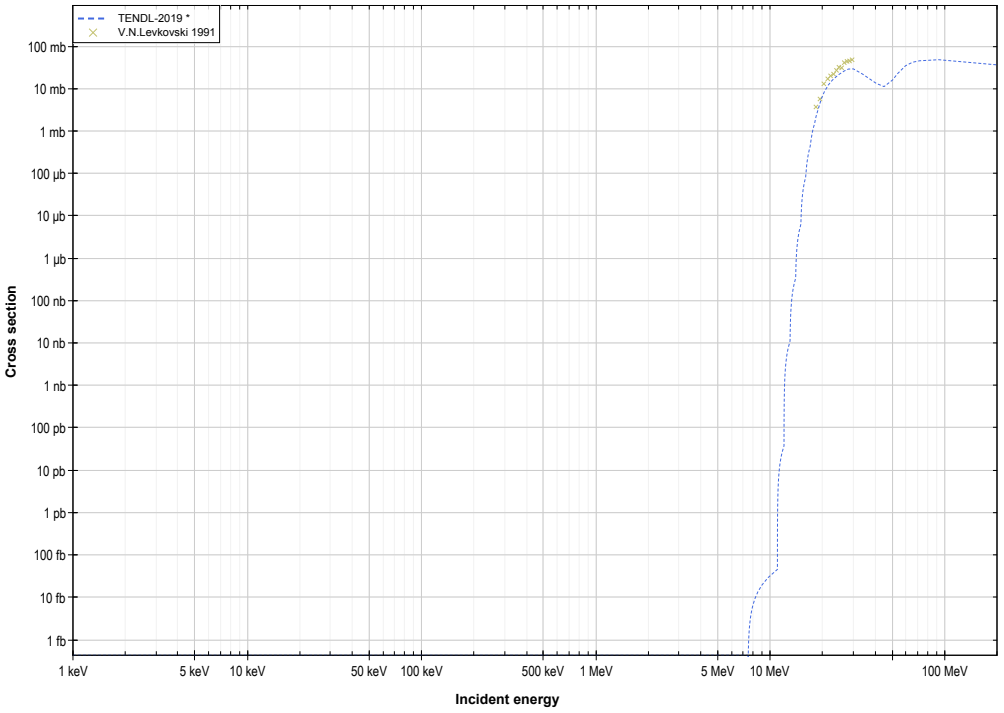
Zr92 (p,3n) or Nb90 production lin-log



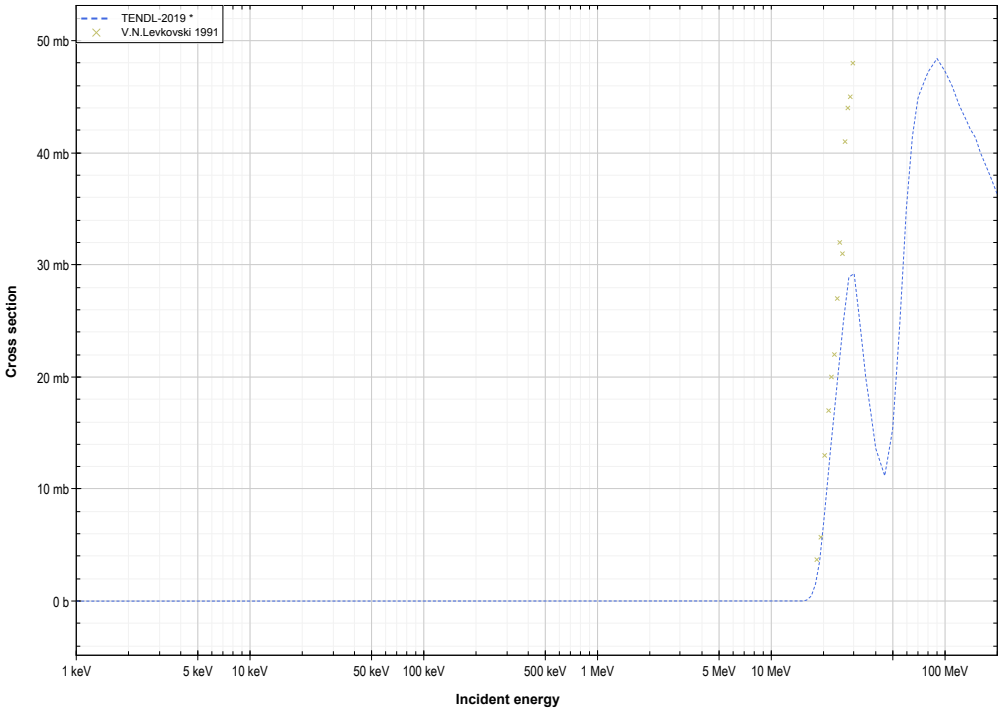
Reaction	Q-Value
Zr92(p,3n)Nb90	-22722.01 keV

<< 40-Zr-91	**40-Zr-92**	41-Nb-93 >>
<< MT17 (p,3n)	**MT22 (p,n+α) or MT5 (Y88 production)**	MT176 (p,2n+^{3}He) >>

Zr92 (p,n+α) or Y88 production log-log



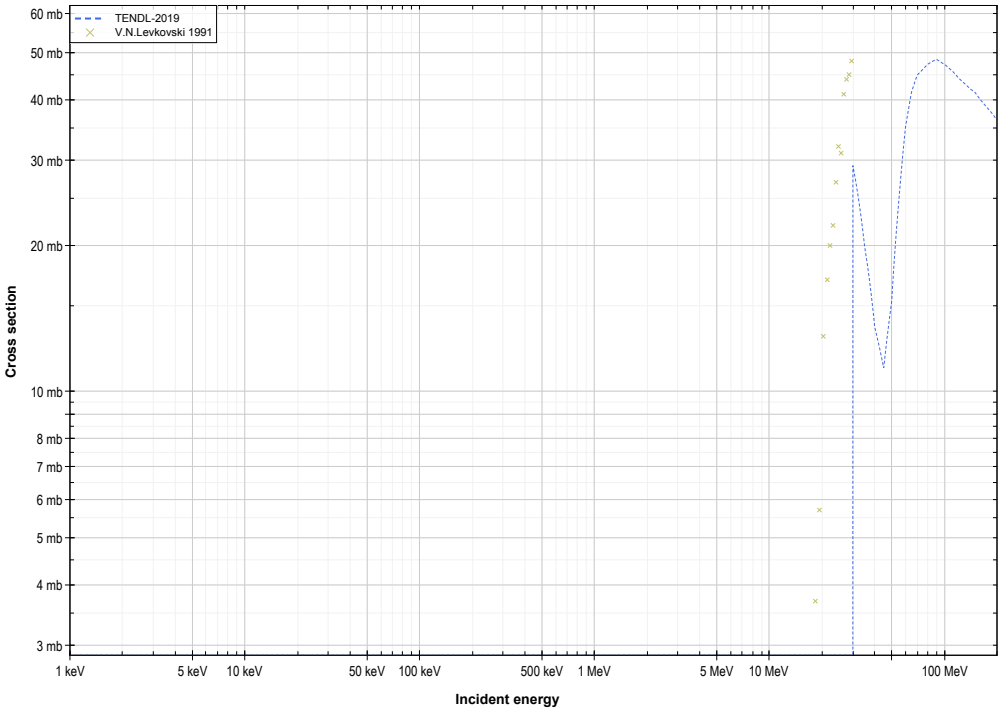
Zr92 (p,n+α) or Y88 production lin-log



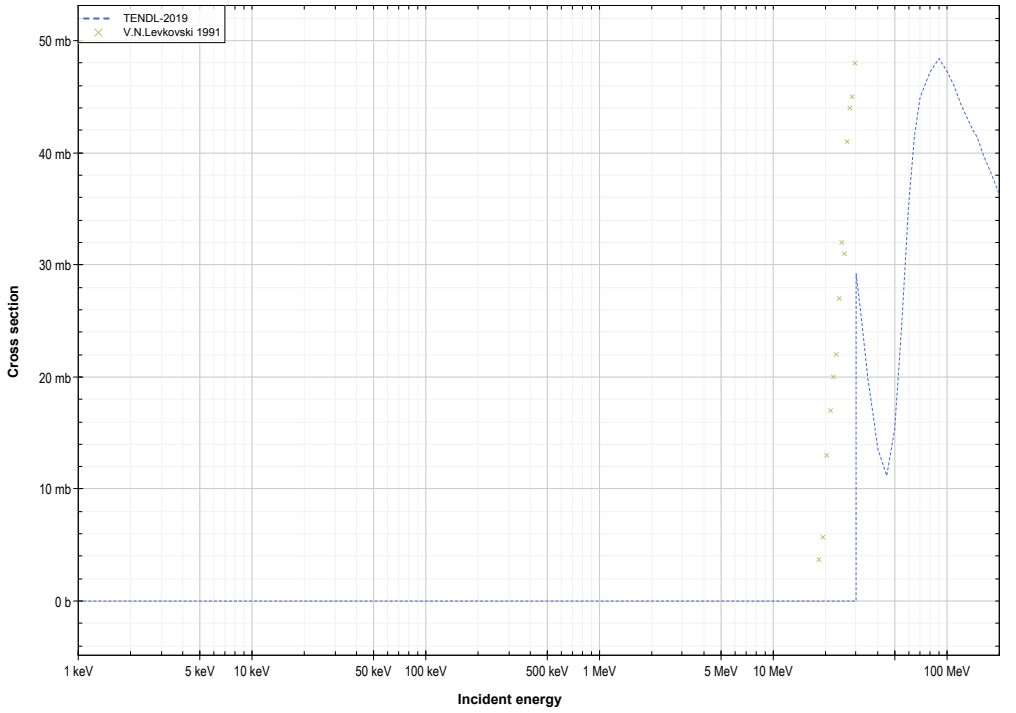
Reaction	Q-Value
Zr92(p,n+α)Y88	-7367.29 keV
Zr92(p,d+t)Y88	-24956.59 keV
Zr92(p,n+p+t)Y88	-27181.16 keV
Zr92(p,2n+He3)Y88	-27944.91 keV
Zr92(p,n+2d)Y88	-31213.82 keV
Zr92(p,2n+p+d)Y88	-33438.39 keV
Zr92(p,3n+2p)Y88	-35662.95 keV

<< 40-Zr-91	**40-Zr-92**	41-Nb-93 >>
<< MT22 (p,n+α)	**MT176 (p,2n+^{3}He) or MT5 (Y88 production)**	MT179 (p,3n+2p) >>

Zr92 (p,2n+^{3}He) or Y88 production log-log



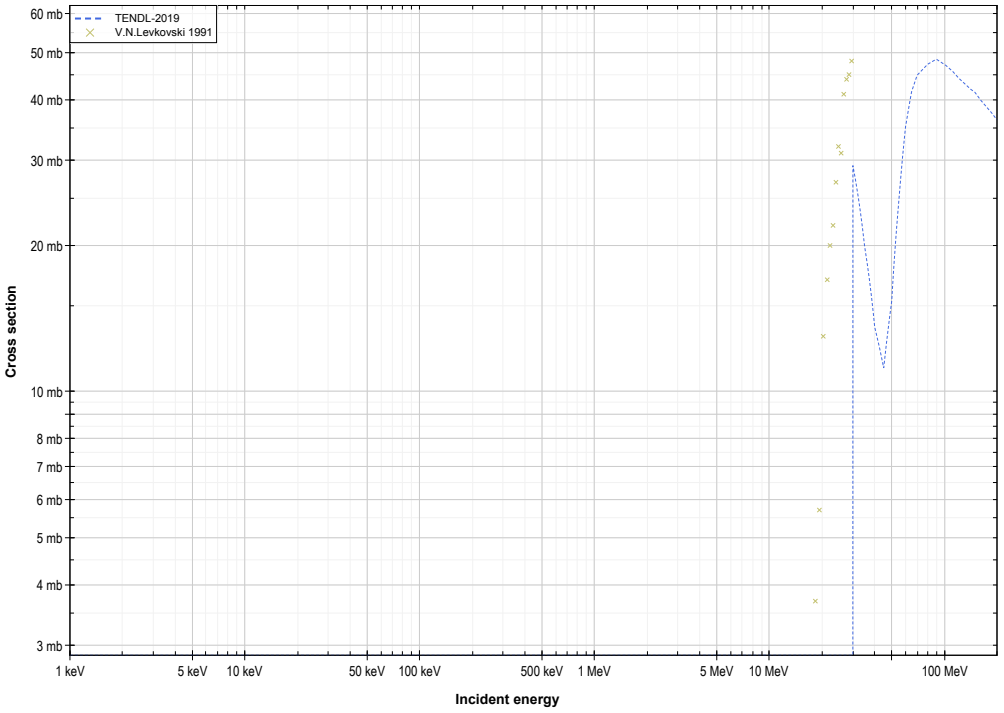
Zr92 (p,2n+^{3}He) or Y88 production lin-log



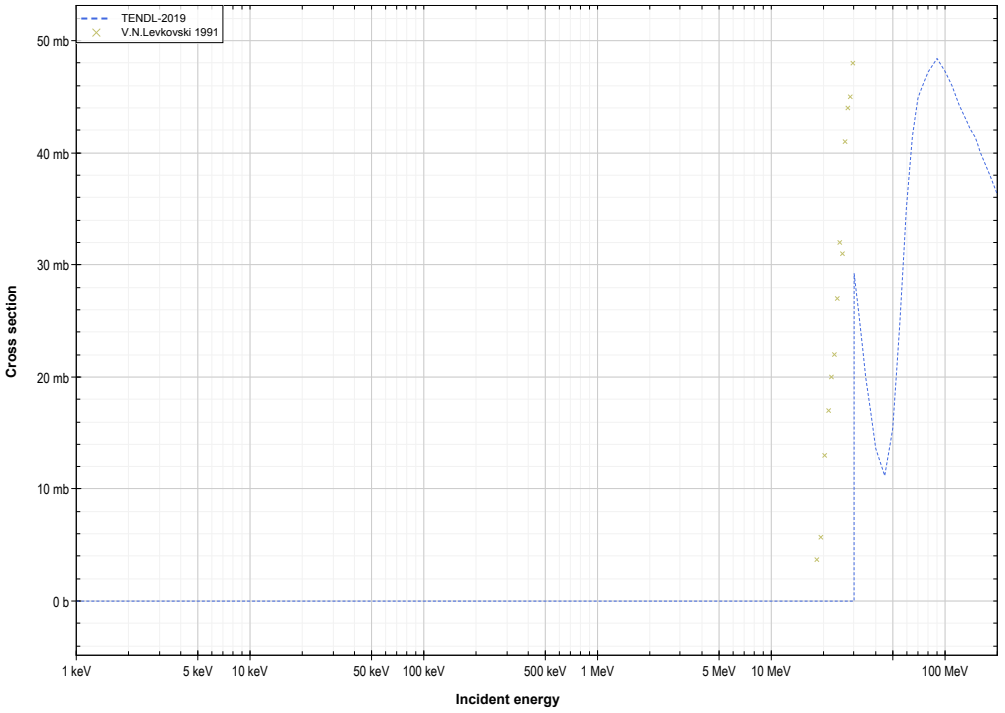
Reaction	Q-Value
Zr92(p,n+α)Y88	-7367.29 keV
Zr92(p,d+t)Y88	-24956.59 keV
Zr92(p,n+p+t)Y88	-27181.16 keV
Zr92(p,2n+He3)Y88	-27944.91 keV
Zr92(p,n+2d)Y88	-31213.82 keV
Zr92(p,2n+p+d)Y88	-33438.39 keV
Zr92(p,3n+2p)Y88	-35662.95 keV

<< 40-Zr-91	**40-Zr-92**	41-Nb-93 >>
<< MT176 (p,2n+^{3}He)	**MT179 (p,3n+2p) or MT5 (Y88 production)**	MT182 (p,d+t) >>

Zr92 (p,3n+2p) or Y88 production log-log



Zr92 (p,3n+2p) or Y88 production lin-log



Reaction	Q-Value
Zr92(p,n+α)Y88	-7367.29 keV
Zr92(p,d+t)Y88	-24956.59 keV
Zr92(p,n+p+t)Y88	-27181.16 keV
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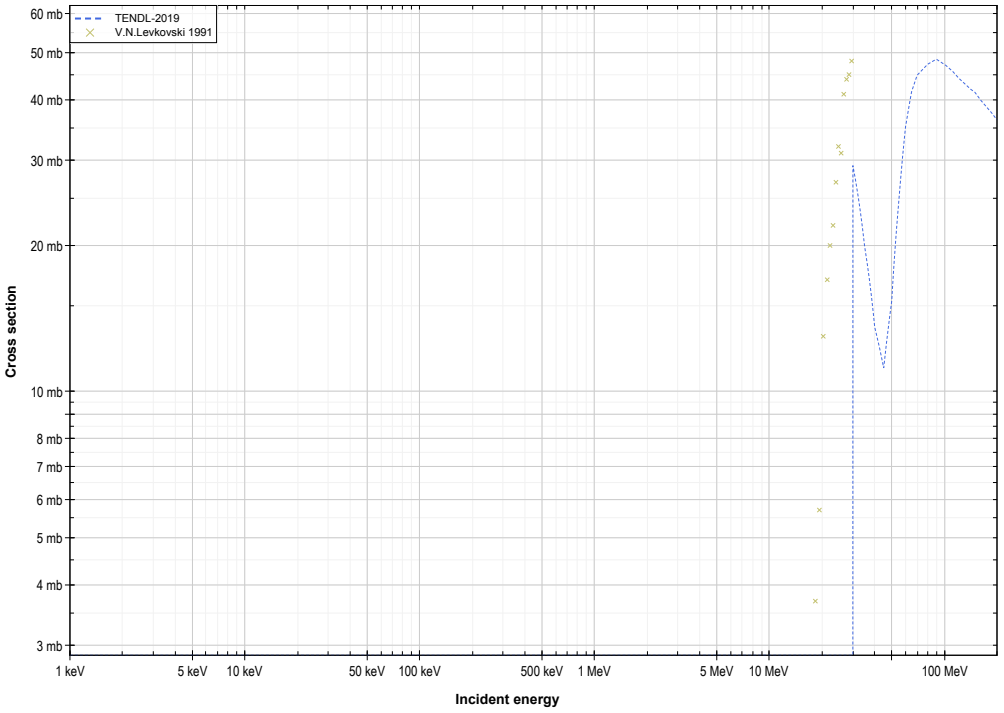
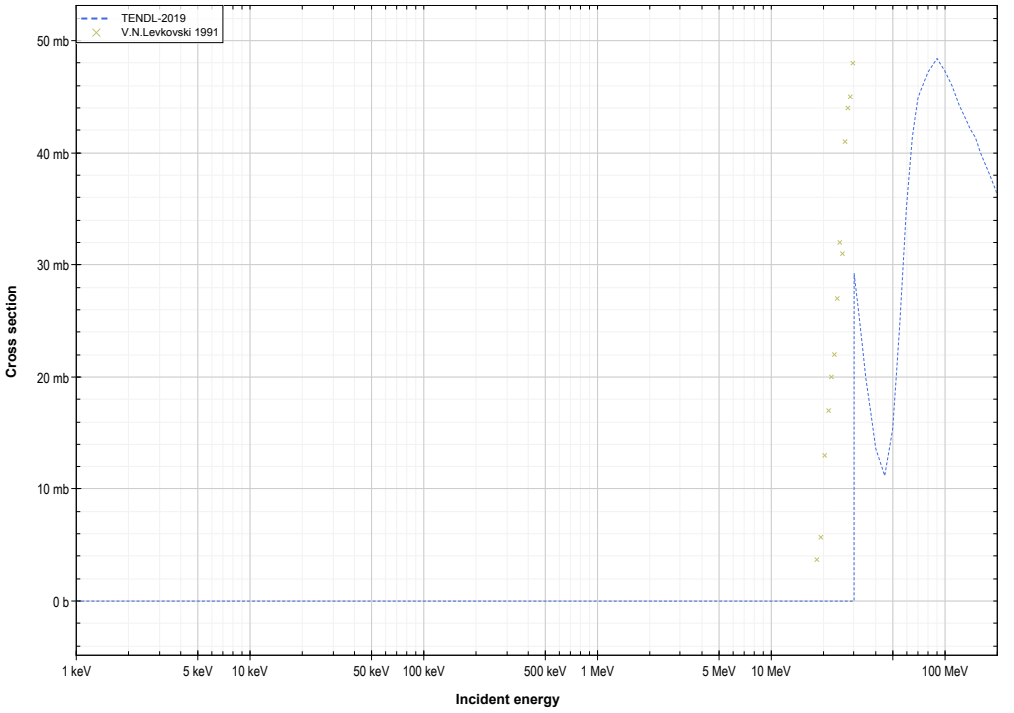
Zr92(p,n+2d)Y88	-31213.82 keV
Zr92(p,2n+p+d)Y88	-33438.39 keV
Zr92(p,3n+2p)Y88	-35662.95 keV

<< 40-Zr-91	**40-Zr-92**	41-Nb-93 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Y88 production)**	MT184 (p,n+p+t) >>

Zr92 (p,d+t) or Y88 production log-log



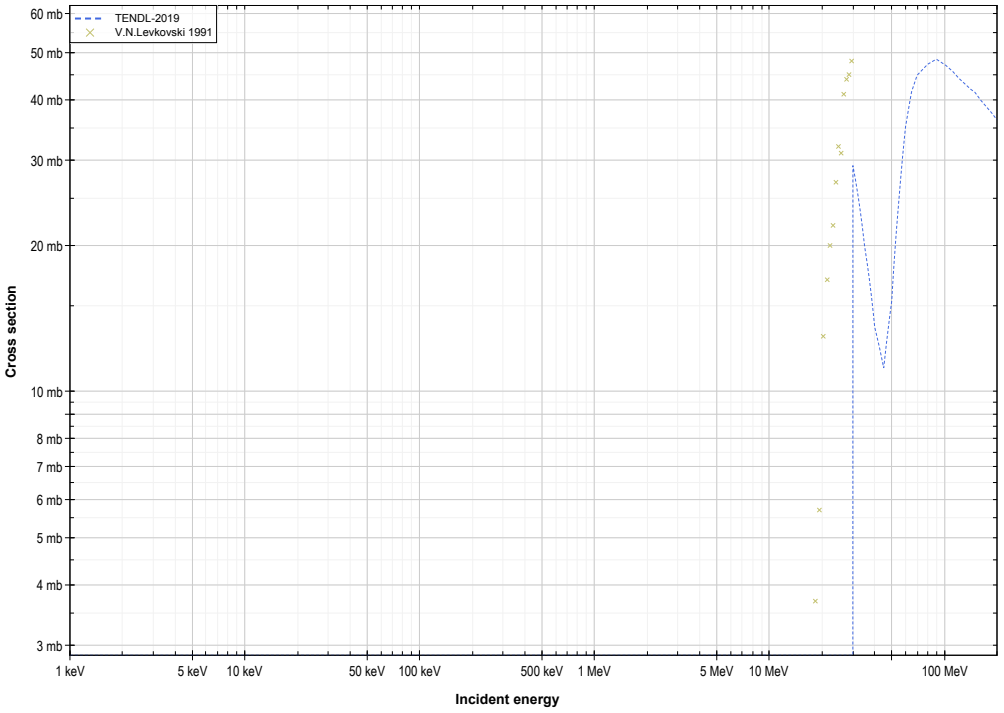
Zr92 (p,d+t) or Y88 production lin-log



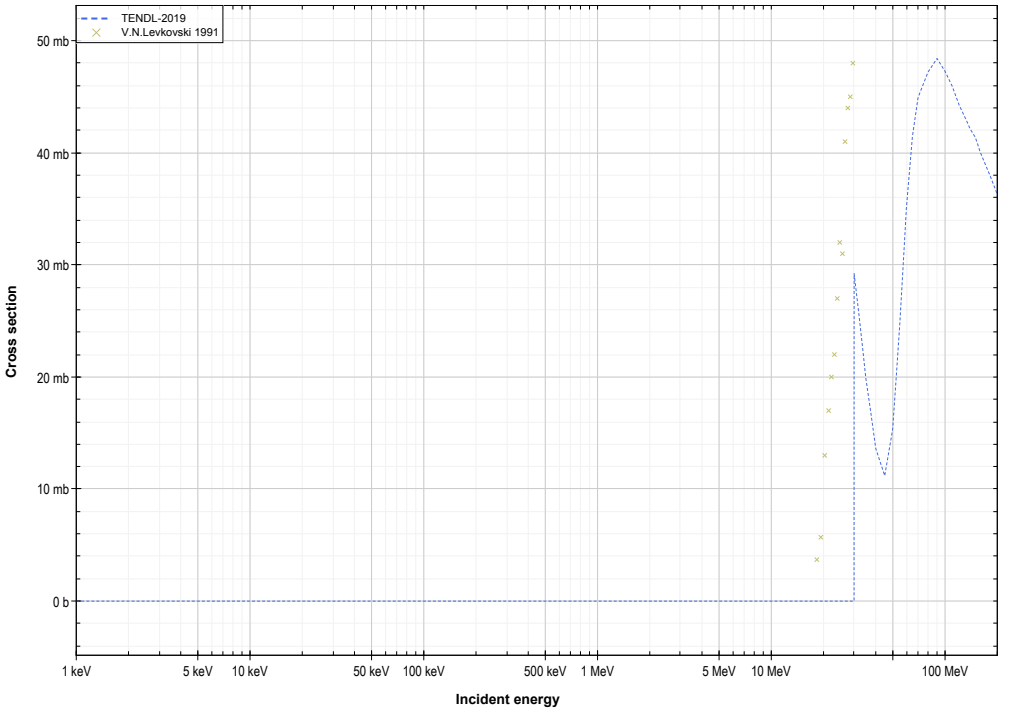
Reaction	Q-Value
Zr92(p,n+α)Y88	-7367.29 keV
Zr92(p,d+t)Y88	-24956.59 keV
Zr92(p,n+p+t)Y88	-27181.16 keV
Zr92(p,2n+He3)Y88	-27944.91 keV
Zr92(p,n+2d)Y88	-31213.82 keV
Zr92(p,2n+p+d)Y88	-33438.39 keV
Zr92(p,3n+2p)Y88	-35662.95 keV

<< 40-Zr-91	**40-Zr-92**	41-Nb-93 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Y88 production)**	40-Zr-94 MT4 (p,n) >>

Zr92 (p,n+p+t) or Y88 production log-log



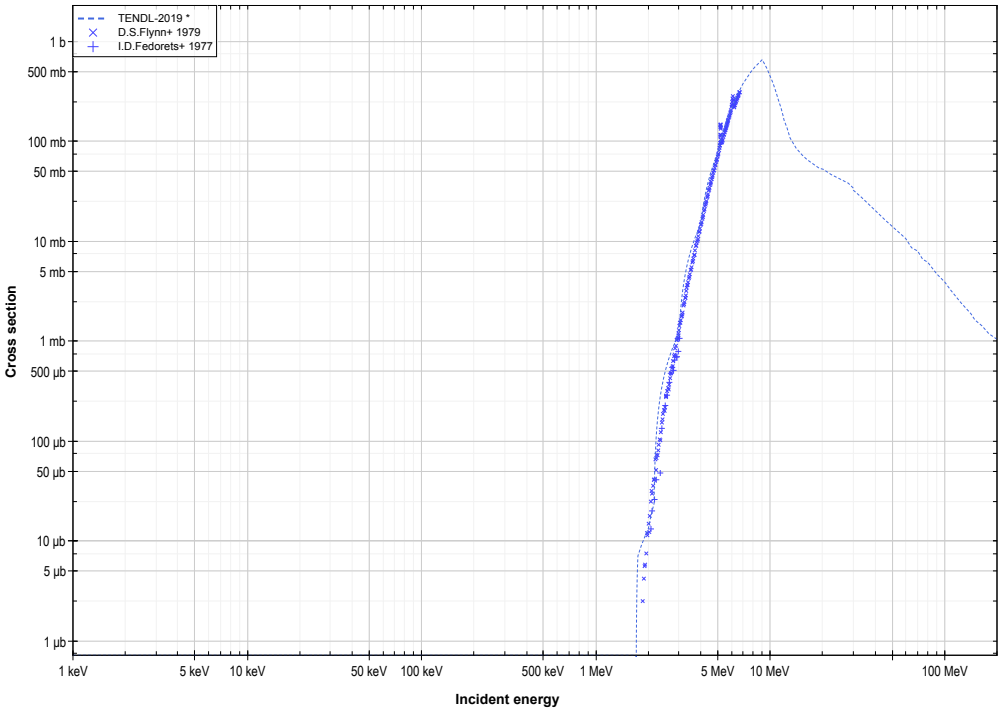
Zr92 (p,n+p+t) or Y88 production lin-log



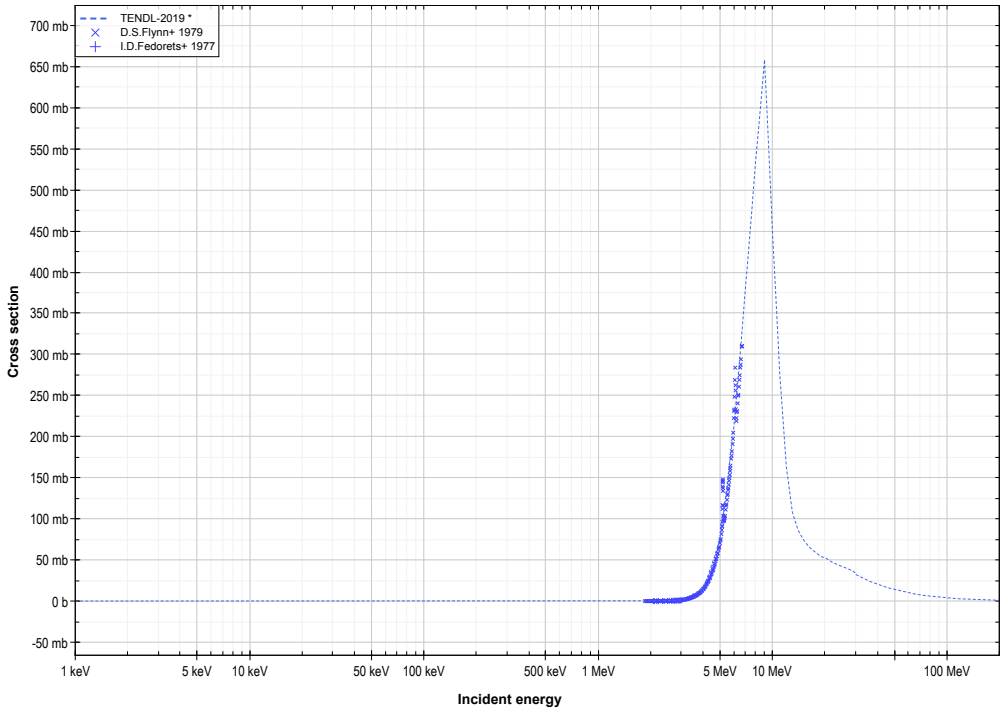
Reaction	Q-Value
Zr92(p,n+α)Y88	-7367.29 keV
Zr92(p,d+t)Y88	-24956.59 keV
Zr92(p,n+p+t)Y88	-27181.16 keV
Zr92(p,2n+He3)Y88	-27944.91 keV
Zr92(p,n+2d)Y88	-31213.82 keV
Zr92(p,2n+p+d)Y88	-33438.39 keV
Zr92(p,3n+2p)Y88	-35662.95 keV

<< 40-Zr-92	**40-Zr-94**	40-Zr-96 >>
<< 40-Zr-92 MT184 (p,n+p+t)	**MT4 (p,n) or MT5 (Nb94 production)**	MT107 (p,α) >>

Zr94 (p,n) or Nb94 production log-log



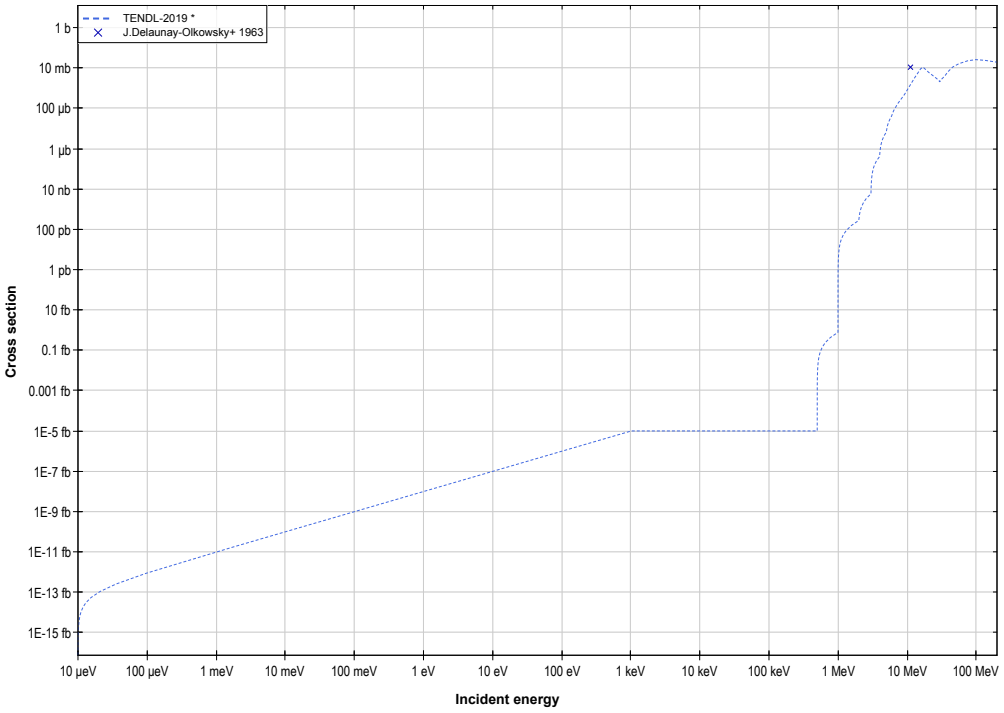
Zr94 (p,n) or Nb94 production lin-log



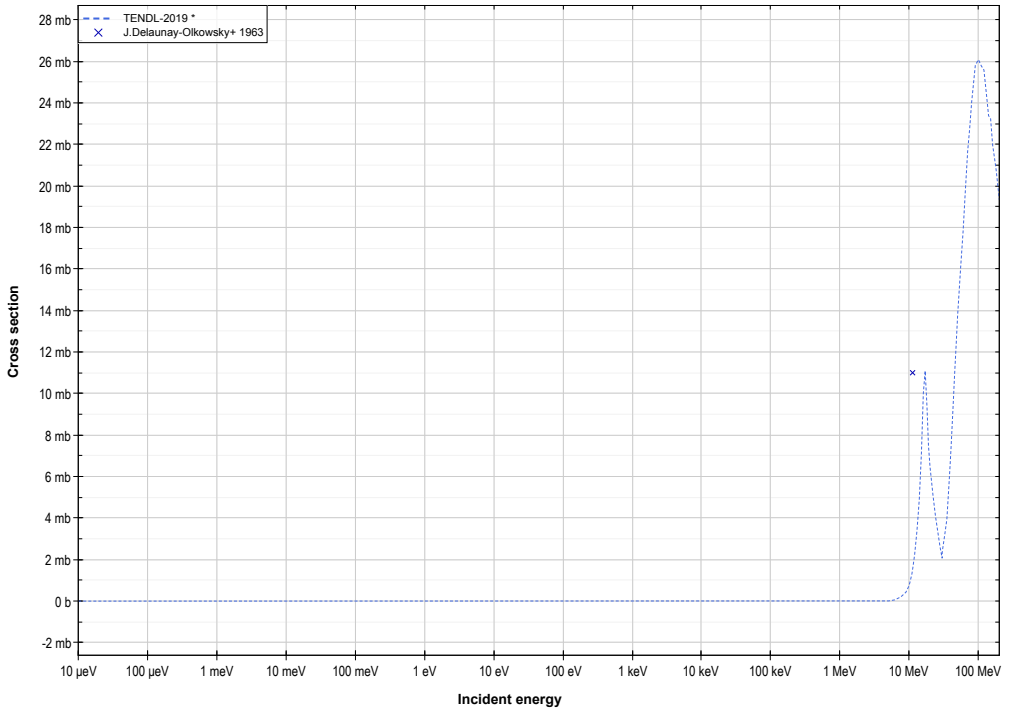
Reaction	Q-Value
Zr94(p,n)Nb94	-1682.57 keV

<< 40-Zr-91	**40-Zr-94**	42-Mo-92 >>
<< MT4 (p,n)	**MT107 (p,α) or MT5 (Y91 production)**	40-Zr-96 MT4 (p,n) >>

Zr94 (p,α) or Y91 production log-log



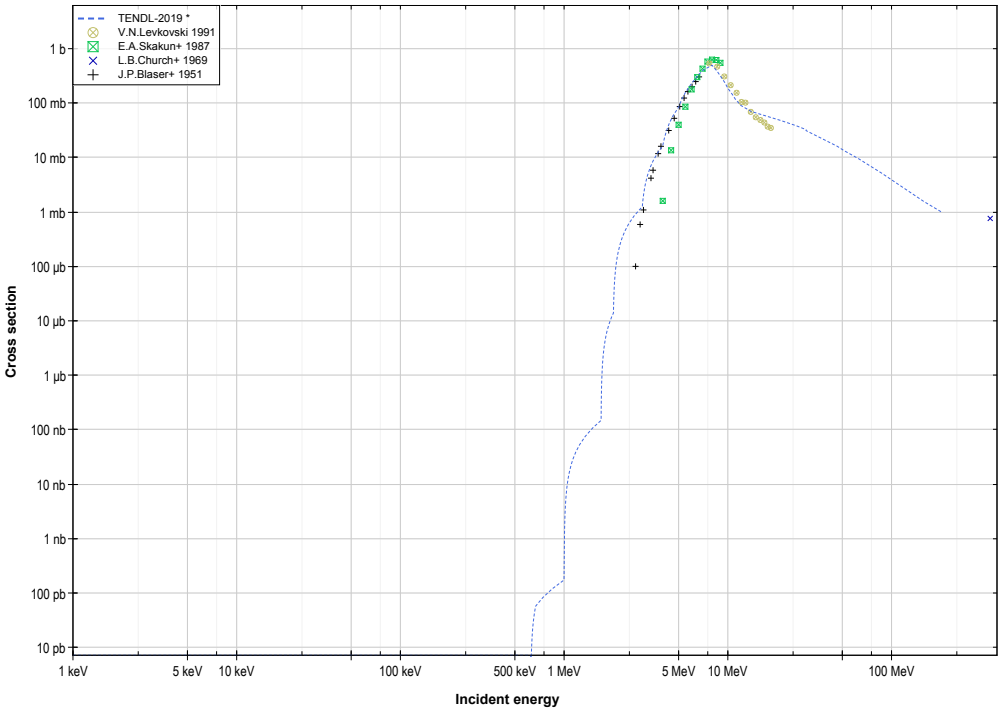
Zr94 (p,α) or Y91 production lin-log



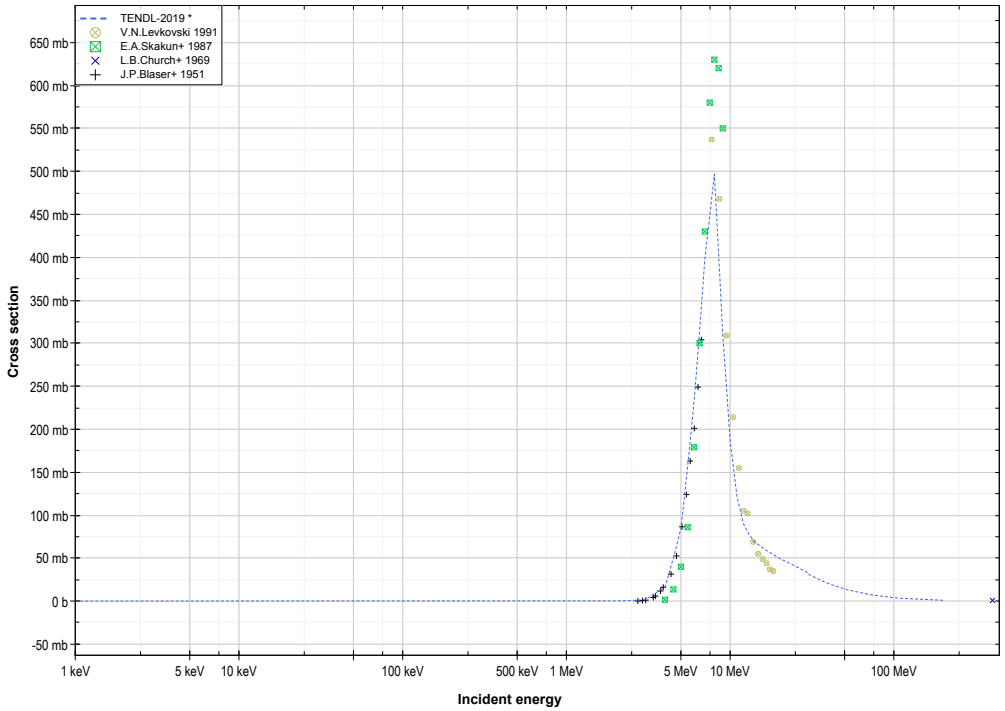
Reaction	Q-Value
Zr94(p,α)Y91	3946.03 keV
Zr94(p,p+t)Y91	-15867.83 keV
Zr94(p,n+He3)Y91	-16631.58 keV
Zr94(p,2d)Y91	-19900.49 keV
Zr94(p,n+p+d)Y91	-22125.06 keV
Zr94(p,2n+2p)Y91	-24349.62 keV

<< 40-Zr-94	**40-Zr-96**	41-Nb-93 >>
<< 40-Zr-94 MT107 (p,α)	**MT4 (p,n) or MT5 (Nb96 production)**	MT16 (p,2n) >>

Zr96 (p,n) or Nb96 production log-log



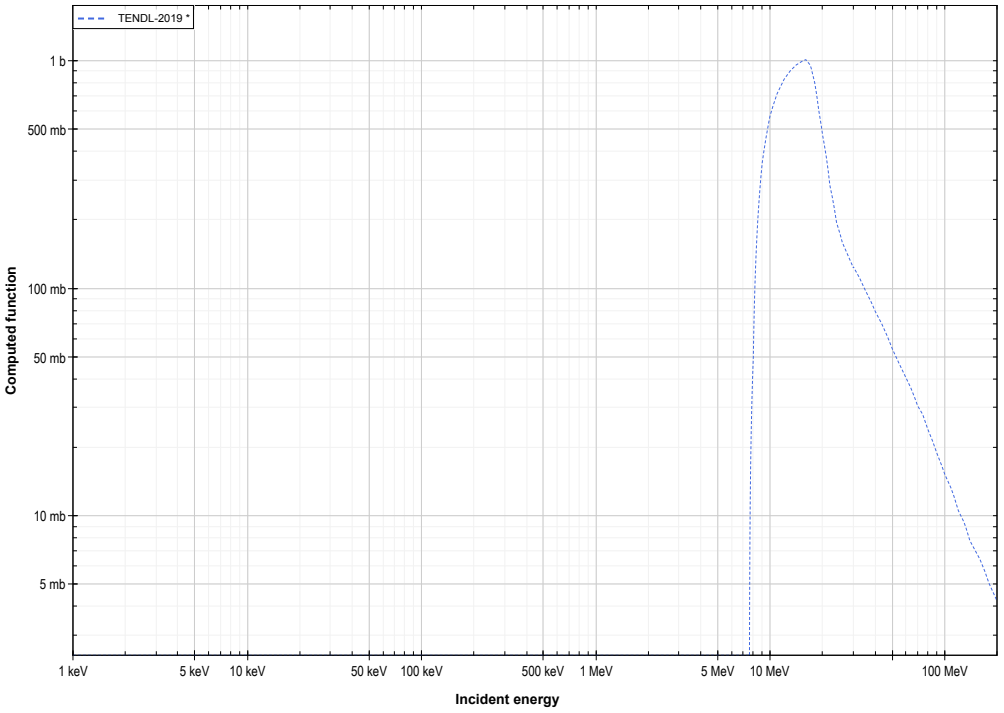
Zr96 (p,n) or Nb96 production lin-log



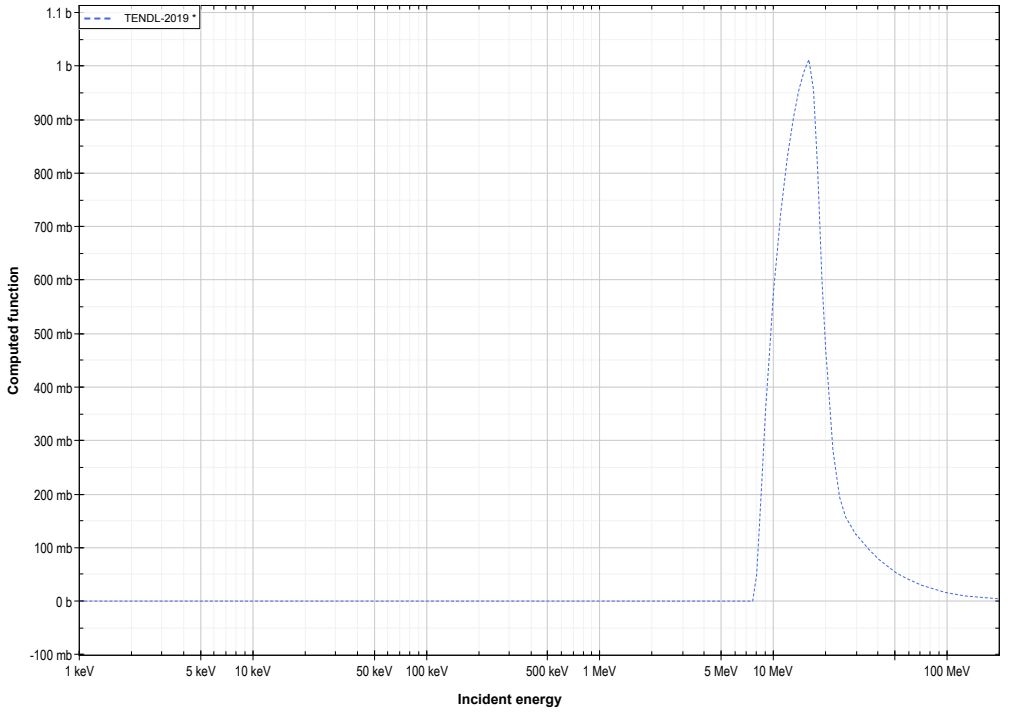
Reaction	Q-Value
Zr96(p,n)Nb96	-618.38 keV

<< 40-Zr-91	**40-Zr-96**	42-Mo-94 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Nb95 production)**	MT28 (p,n+p) >>

Zr96 (p,2n) or Nb95 production log-log



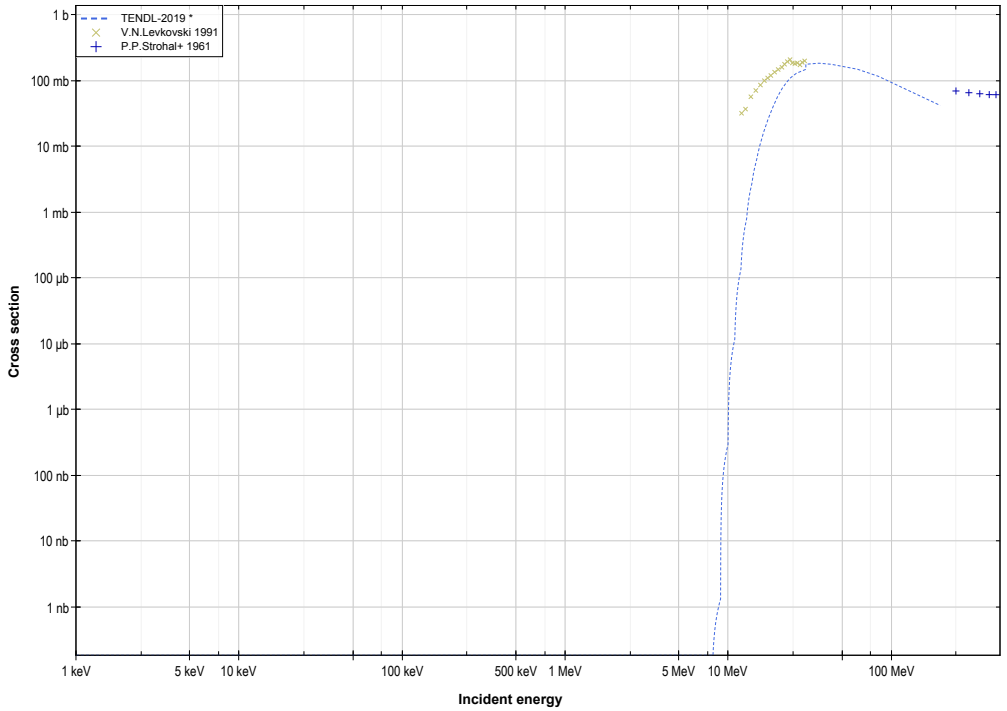
Zr96 (p,2n) or Nb95 production lin-log



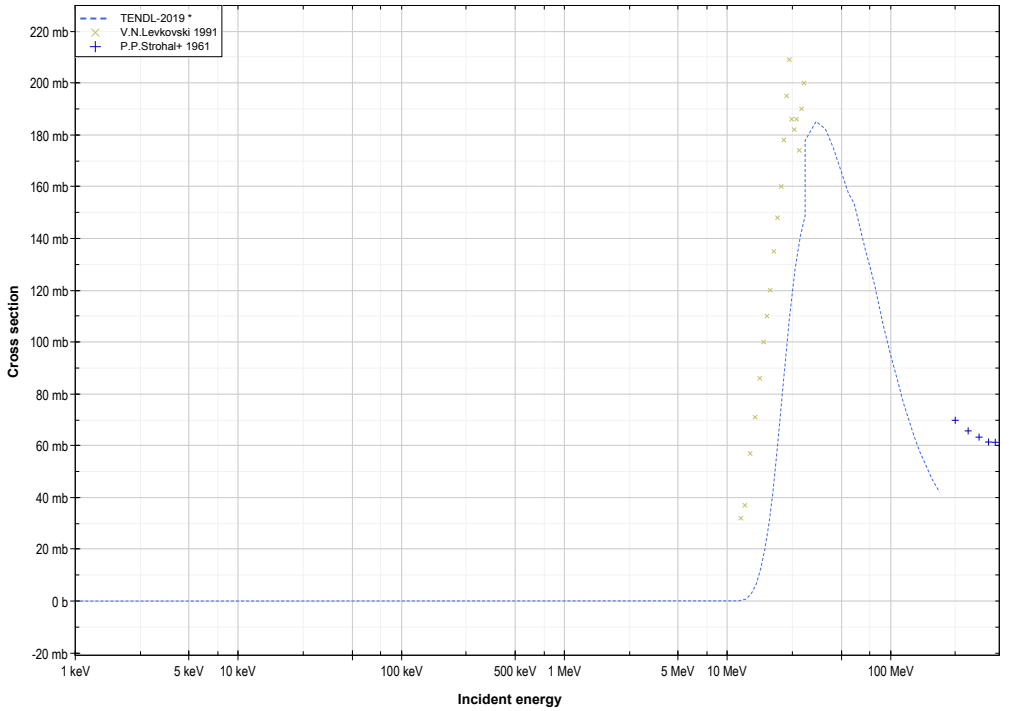
Reaction	Q-Value
Zr96(p,2n)Nb95	-7506.21 keV

<< 40-Zr-90	**40-Zr-96**	41-Nb-93 >>
<< MT16 (p,2n)	**MT28 (p,n+p) or MT5 (Zr95 production)**	MT104 (p,d) >>

Zr96 (p,n+p) or Zr95 production log-log



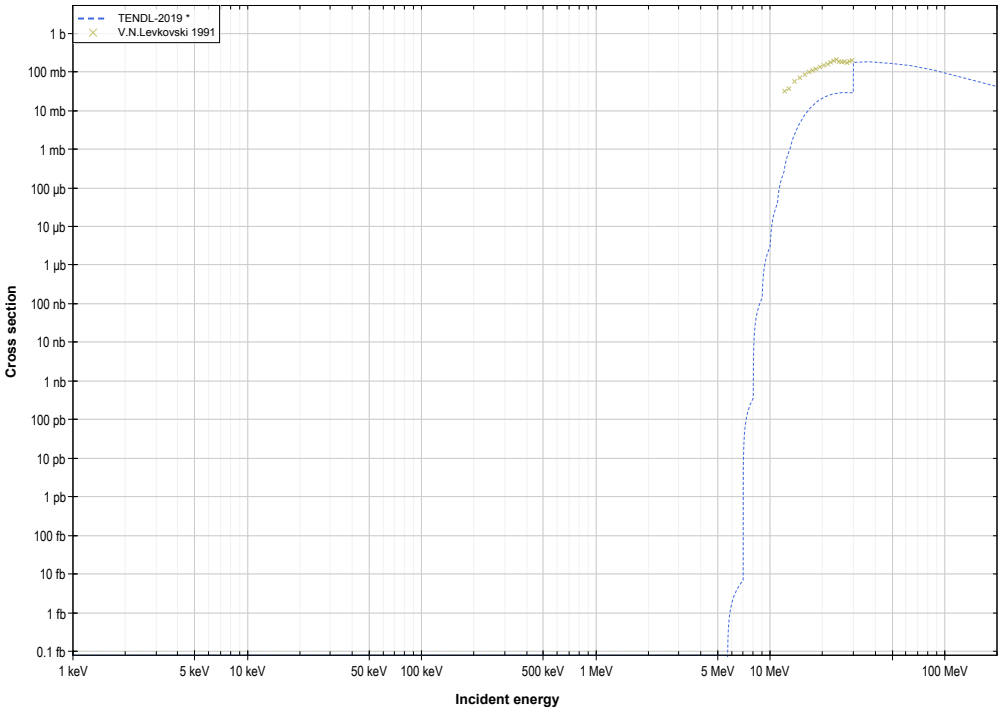
Zr96 (p,n+p) or Zr95 production lin-log



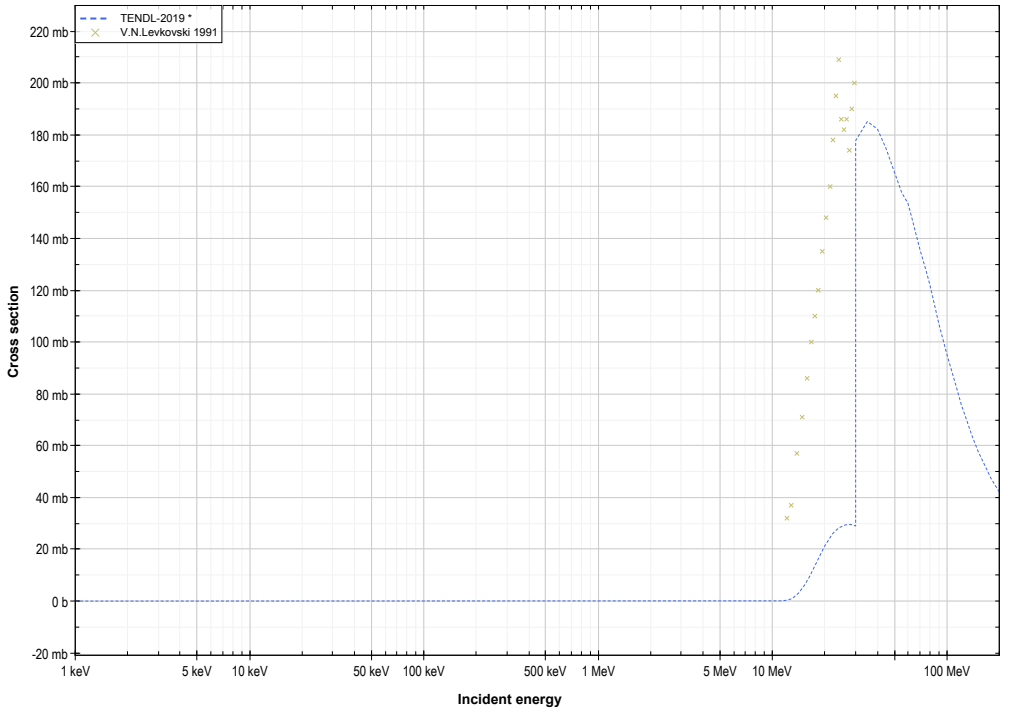
Reaction	Q-Value
Zr96(p,d)Zr95	-5625.70 keV
Zr96(p,n+p)Zr95	-7850.27 keV

<< 40-Zr-90	**40-Zr-96**	42-Mo-94 >>
<< MT28 (p,n+p)	**MT104 (p,d) or MT5 (Zr95 production)**	MT111 (p,2p) >>

Zr96 (p,d) or Zr95 production log-log



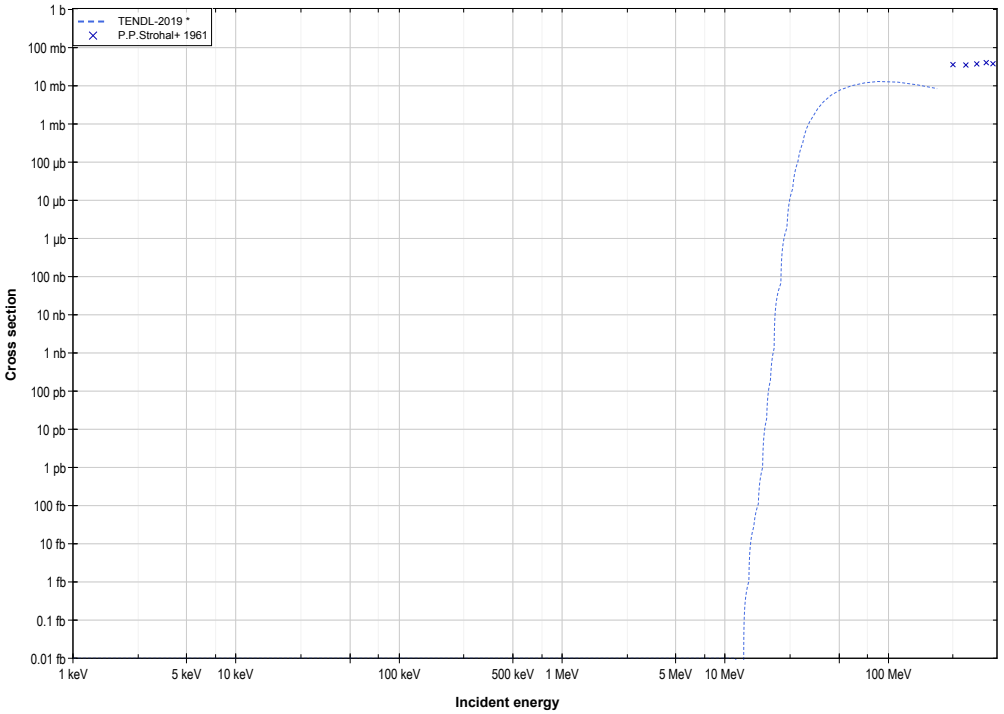
Zr96 (p,d) or Zr95 production lin-log



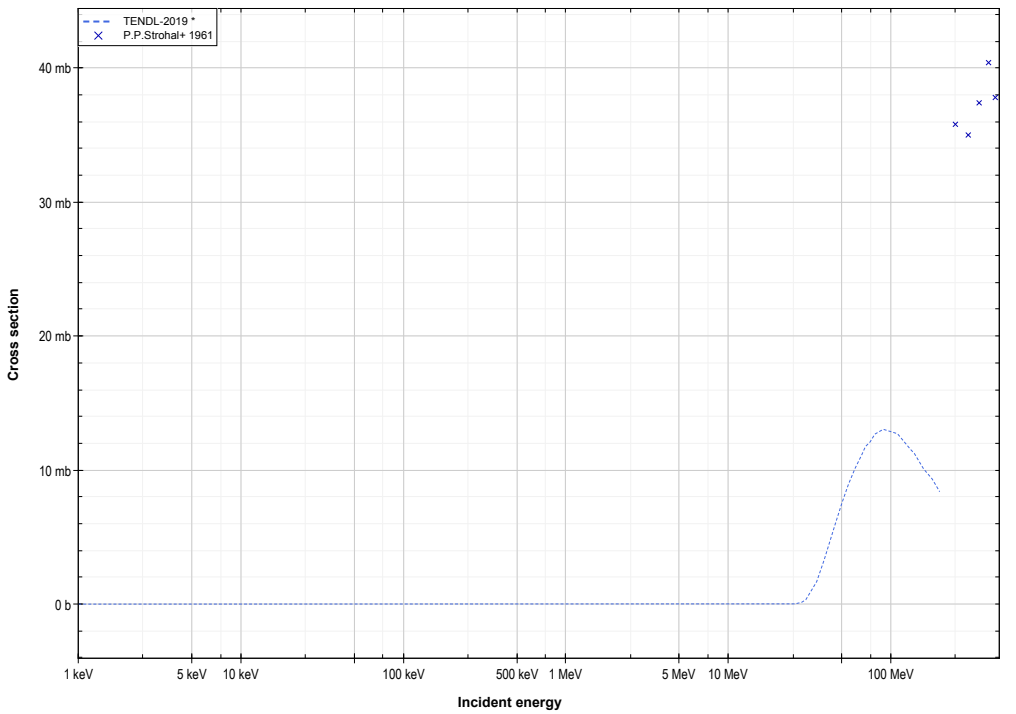
Reaction	Q-Value
Zr96(p,d)Zr95	-5625.70 keV
Zr96(p,n+p)Zr95	-7850.27 keV

<< 32-Ge-74	**40-Zr-96**	42-Mo-96 >>
<< MT104 (p,d)	**MT111 (p,2p) or MT5 (Y95 production)**	41-Nb-93 MT4 (p,n) >>

Zr96 (p,2p) or Y95 production log-log



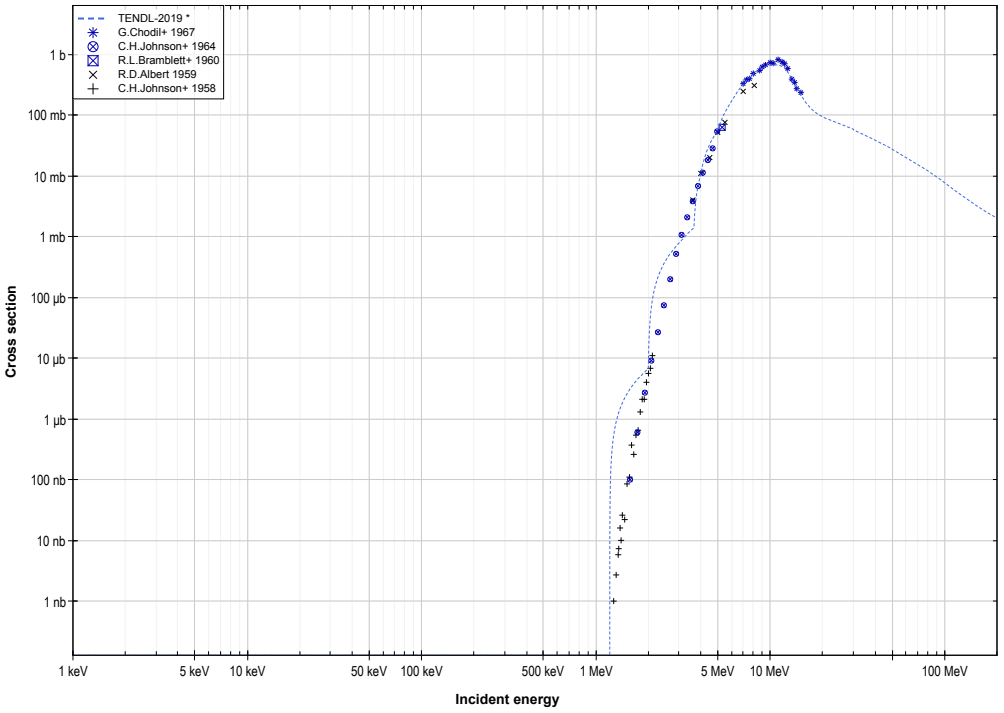
Zr96 (p,2p) or Y95 production lin-log



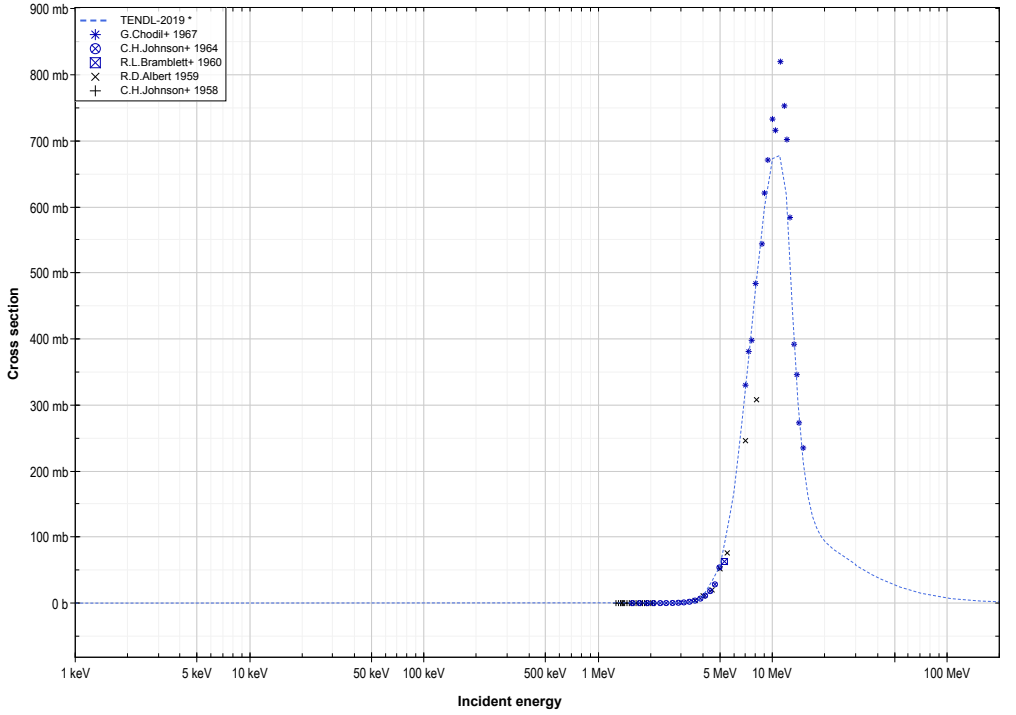
Reaction	Q-Value
Zr96(p,2p)Y95	-11518.82 keV

<< 40-Zr-96	**41-Nb-93**	42-Mo-94 >>
<< 40-Zr-96 MT111 (p,2p)	**MT4 (p,n) or MT5 (Mo93 production)**	MT22 (p,n+α) >>

Nb93 (p,n) or Mo93 production log-log



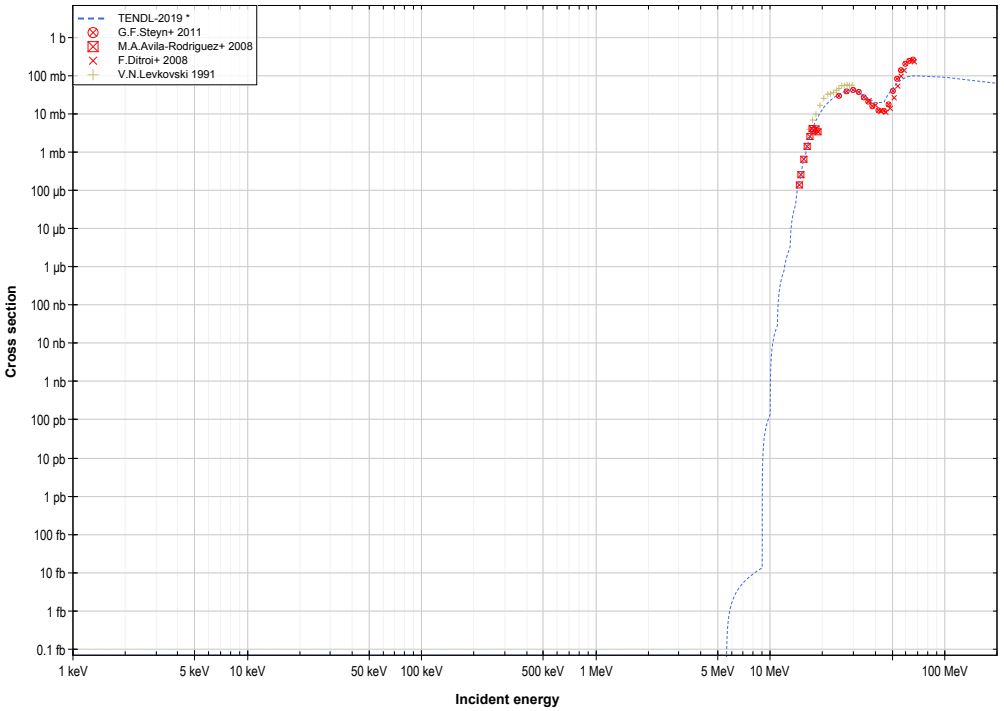
Nb93 (p,n) or Mo93 production lin-log



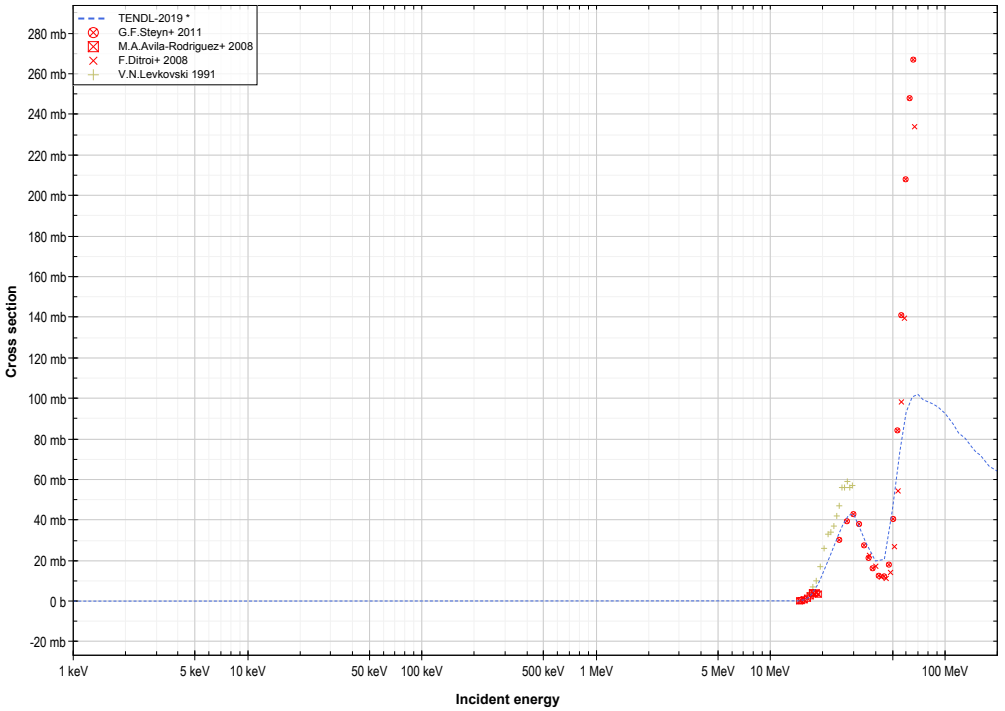
Reaction	Q-Value
Nb93(p,n)Mo93	-1188.08 keV

<< 40-Zr-92	**41-Nb-93**	42-Mo-92 >>
<< MT4 (p,n)	**MT22 (p,n+α) or MT5 (Zr89 production)**	MT24 (p,2n+α) >>

Nb93 (p,n+α) or Zr89 production log-log



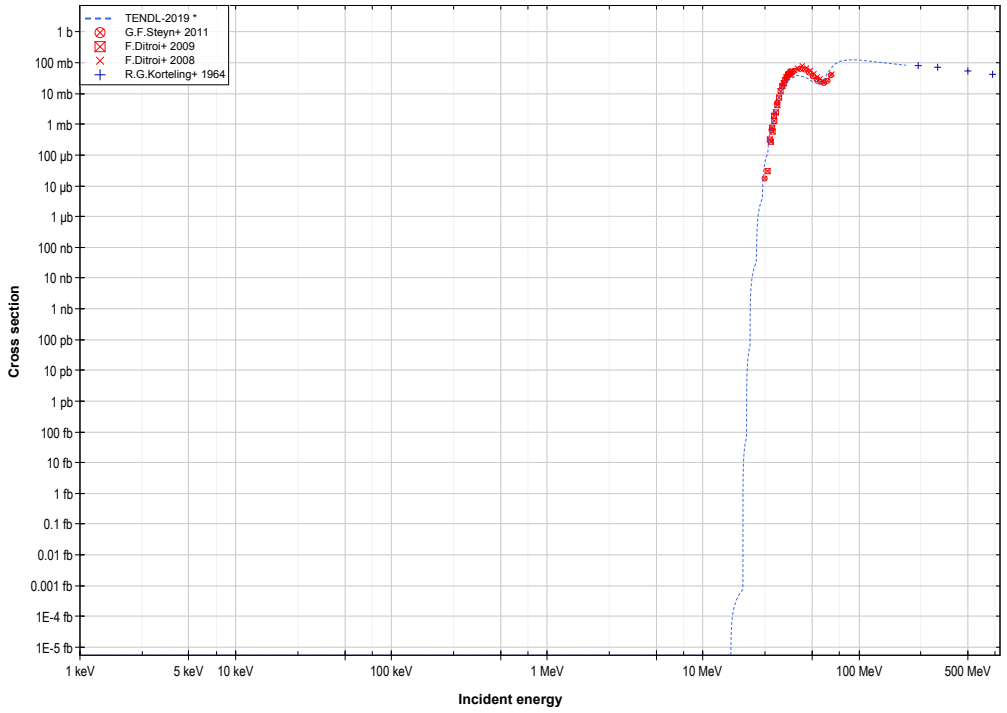
Nb93 (p,n+α) or Zr89 production lin-log



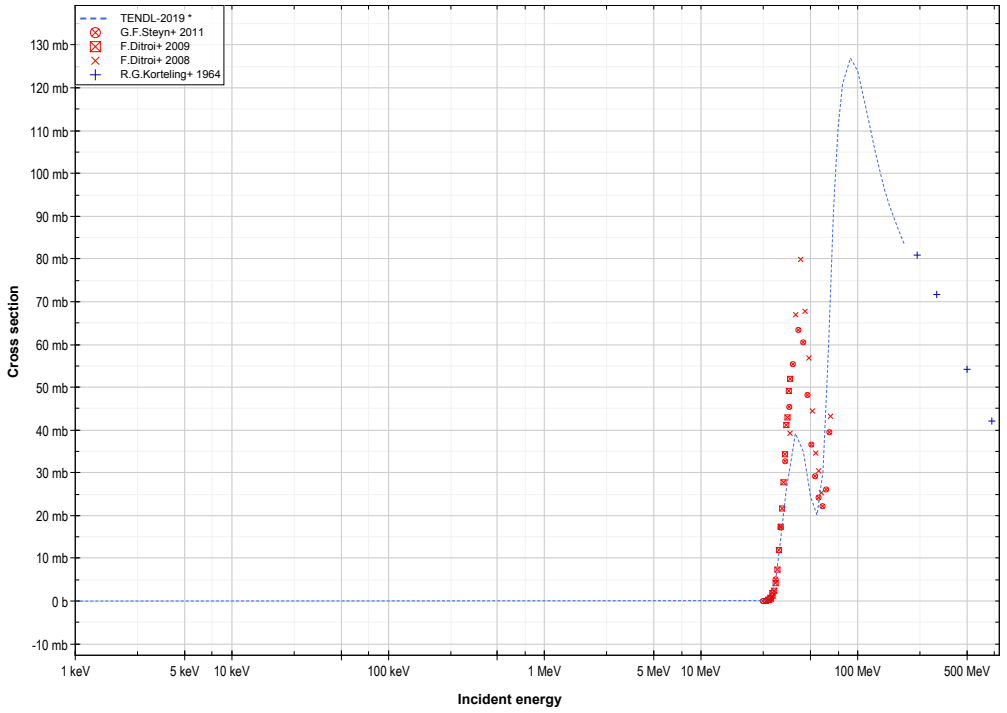
Reaction	Q-Value
Nb93(p,n+α)Zr89	-5544.06 keV
Nb93(p,d+t)Zr89	-23133.36 keV
Nb93(p,n+p+t)Zr89	-25357.93 keV
Nb93(p,2n+He3)Zr89	-26121.68 keV
Nb93(p,n+2d)Zr89	-29390.59 keV
Nb93(p,2n+p+d)Zr89	-31615.16 keV
Nb93(p,3n+2p)Zr89	-33839.72 keV

<< 34-Se-76	**41-Nb-93**	42-Mo-100 >>
<< MT22 (p,n+α)	**MT24 (p,2n+α) or MT5 (Zr88 production)**	MT25 (p,3n+α) >>

Nb93 (p,2n+α) or Zr88 production log-log



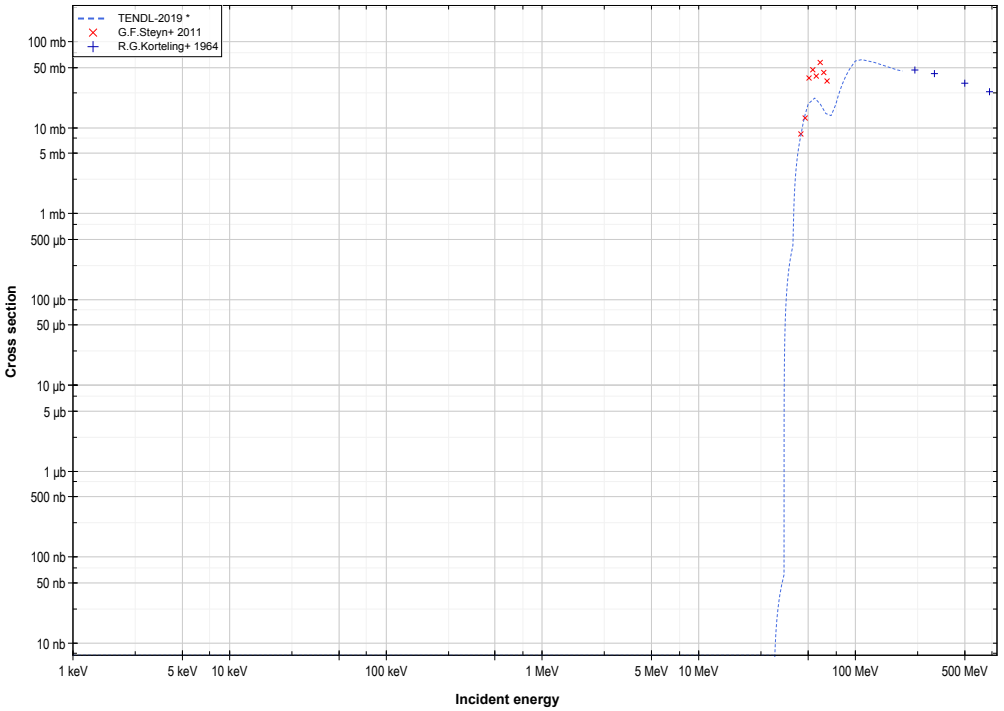
Nb93 (p,2n+α) or Zr88 production lin-log



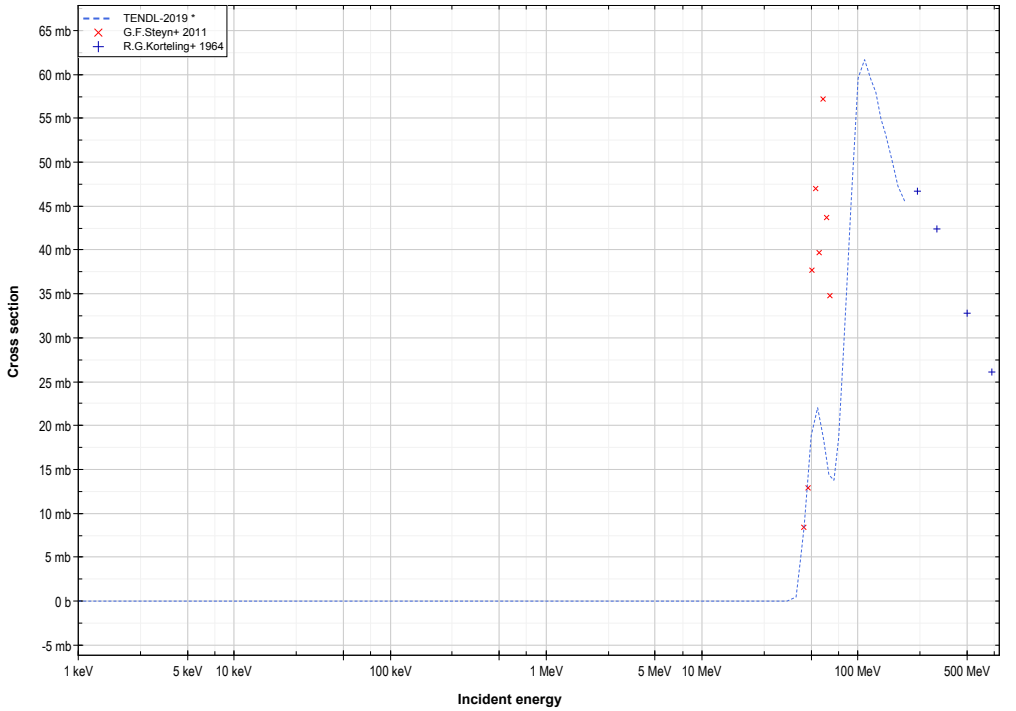
Reaction	Q-Value
Nb93(p,2n+α)Zr88	-14862.38 keV
Nb93(p,2t)Zr88	-26194.45 keV
Nb93(p,n+d+t)Zr88	-32451.68 keV
Nb93(p,2n+p+t)Zr88	-34676.24 keV
Nb93(p,3n+He3)Zr88	-35440.00 keV
Nb93(p,2n+2d)Zr88	-38708.91 keV
Nb93(p,3n+p+d)Zr88	-40933.47 keV
Nb93(p,4n+2p)Zr88	-43158.04 keV

<< 39-Y-89	**41-Nb-93**	45-Rh-103 >>
<< MT24 (p,2n+α)	**MT25 (p,3n+α) or MT5 (Zr87 production)**	MT28 (p,n+p) >>

Nb93 (p,3n+α) or Zr87 production log-log



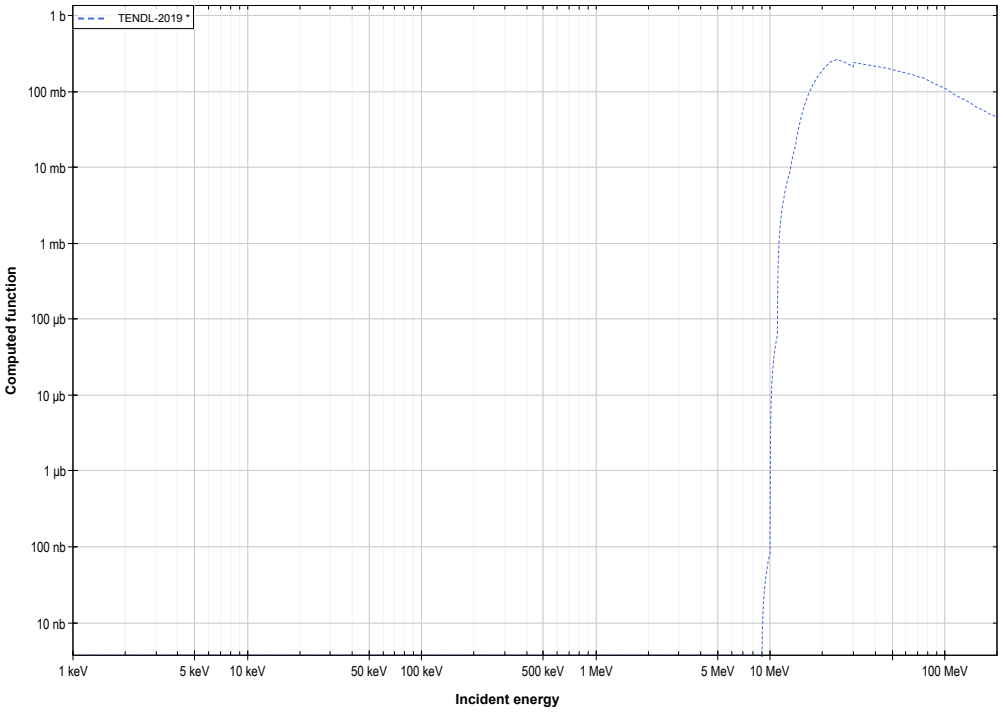
Nb93 (p,3n+α) or Zr87 production lin-log



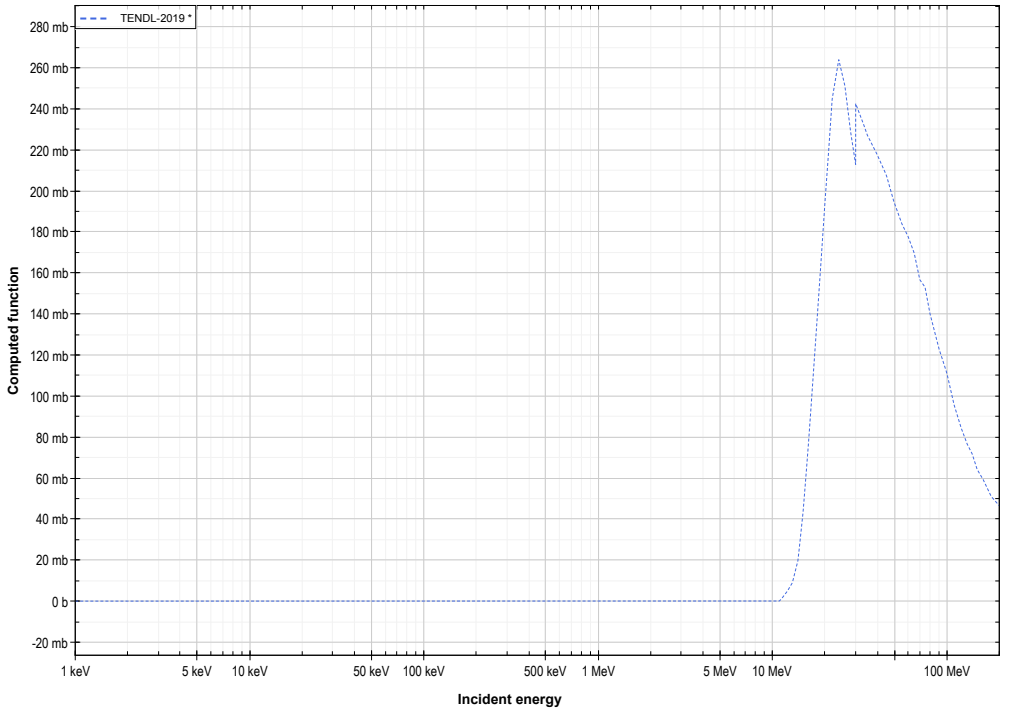
Reaction	Q-Value
Nb93(p,3n+α)Zr87	-27215.70 keV
Nb93(p,n+2t)Zr87	-38547.77 keV
Nb93(p,2n+d+t)Zr87	-44805.00 keV
Nb93(p,3n+p+t)Zr87	-47029.56 keV
Nb93(p,4n+He3)Zr87	-47793.32 keV
Nb93(p,3n+2d)Zr87	-51062.22 keV
Nb93(p,4n+p+d)Zr87	-53286.79 keV
Nb93(p,5n+2p)Zr87	-55511.36 keV

<< 40-Zr-96	**41-Nb-93**	42-Mo-94 >>
<< MT25 (p,3n+α)	**MT28 (p,n+p) or MT5 (Nb92 production)**	MT29 (p,n+2α) >>

Nb93 (p,n+p) or Nb92 production log-log



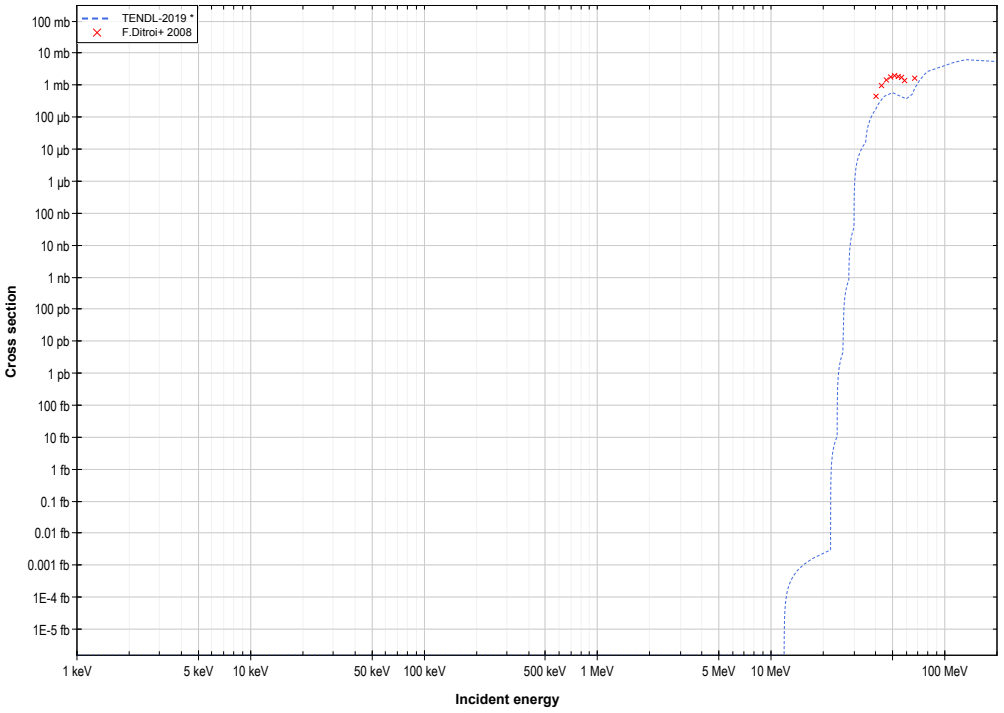
Nb93 (p,n+p) or Nb92 production lin-log



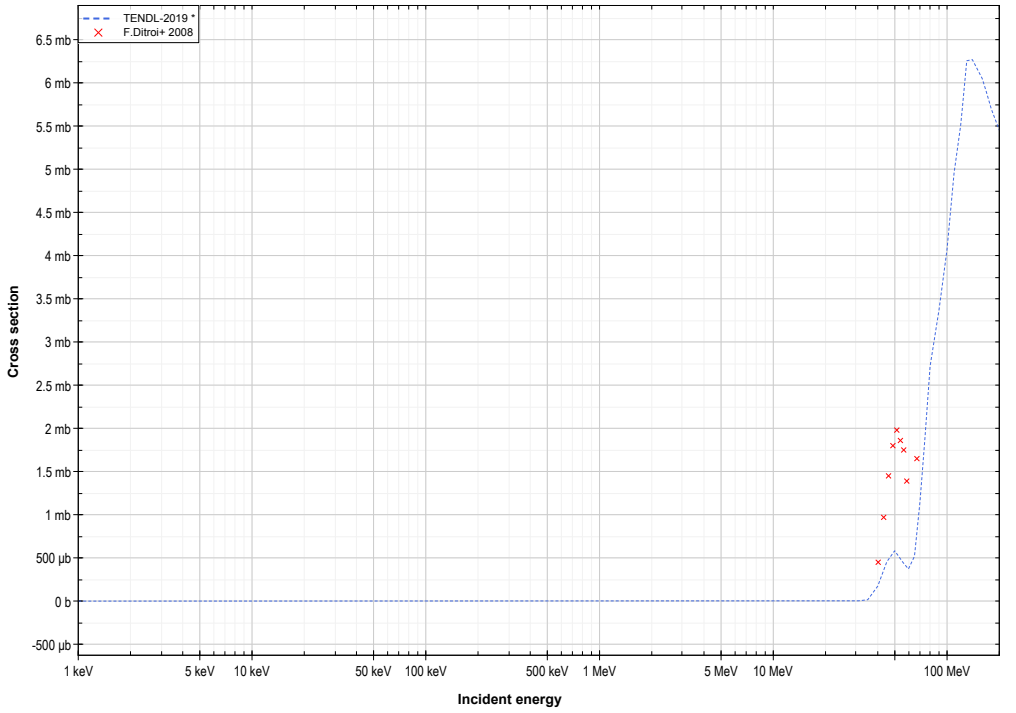
Reaction	Q-Value
Nb93(p,d)Nb92	-6606.25 keV
Nb93(p,n+p)Nb92	-8830.82 keV

<< 27-Co-59	**41-Nb-93**	
<< MT28 (p,n+p)	**MT29 (p,n+2α) or MT5 (Sr85 production)**	MT35 (p,n+d+2α) >>

Nb93 (p,n+2α) or Sr85 production log-log



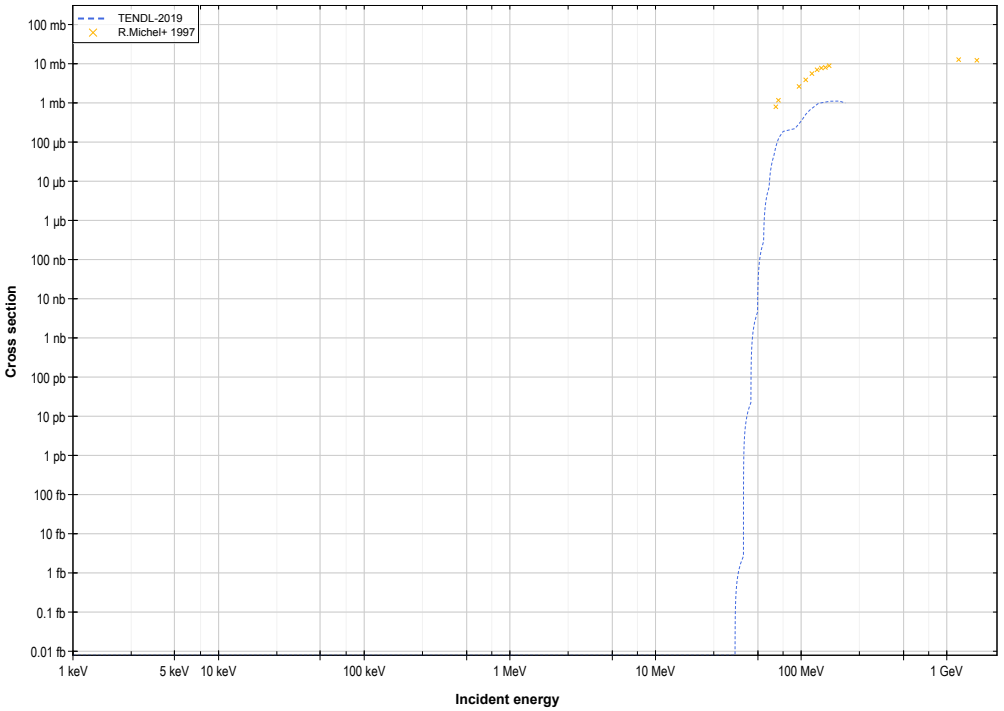
Nb93 (p,n+2α) or Sr85 production lin-log



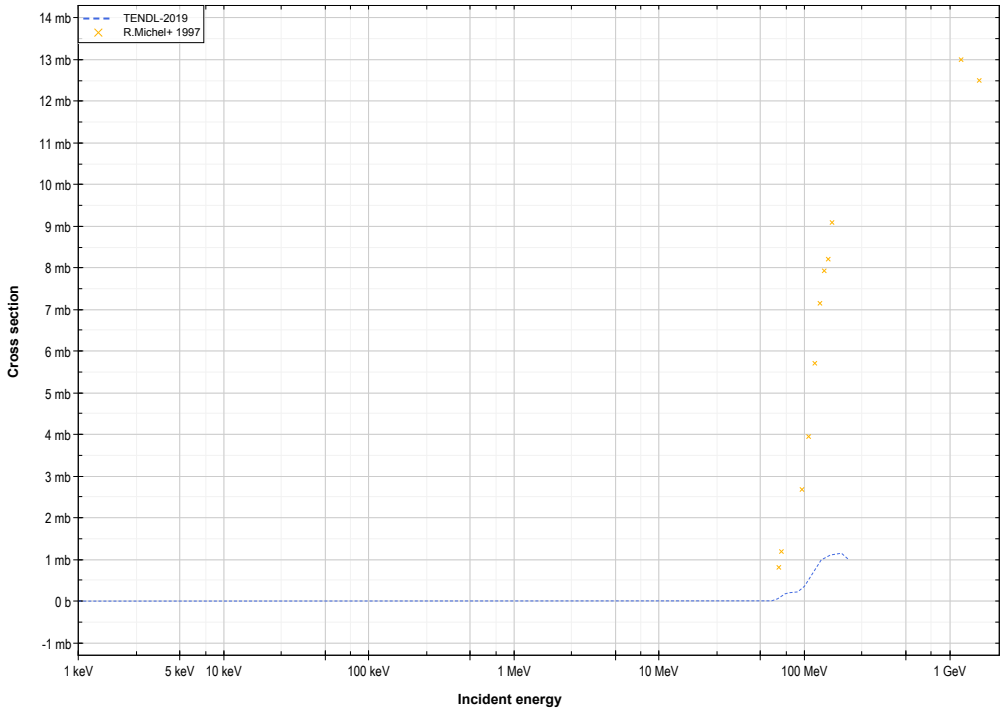
Reaction	Q-Value	Reaction	Q-Value
Nb93(p,n+2α)Sr85	-11741.68 keV	Nb93(p,p+d+2t)Sr85	-49144.84 keV
Nb93(p,d+t+α)Sr85	-29330.98 keV	Nb93(p,n+d+t+He3)Sr85	-49908.60 keV
Nb93(p,n+p+t+α)Sr85	-31555.54 keV	Nb93(p,n+2p+2t)Sr85	-51369.41 keV
Nb93(p,2n+He3+α)Sr85	-32319.30 keV	Nb93(p,2n+p+t+He3)Sr85	-52133.16 keV
Nb93(p,n+2d+α)Sr85	-35588.21 keV	Nb93(p,3n+2He3)Sr85	-52896.92 keV
Nb93(p,2n+p+d+α)Sr85	-37812.77 keV	Nb93(p,3d+t)Sr85	-53177.50 keV
Nb93(p,3n+2p+α)Sr85	-40037.34 keV	Nb93(p,n+p+2d+t)Sr85	-55402.07 keV
Nb93(p,2t+He3)Sr85	-43651.37 keV	Nb93(p,2n+2d+He3)Sr85	-56165.82 keV

	41-Nb-93	
<< MT29 (p,n+2α)	**MT35 (p,n+d+2α) or MT5 (Rb83 production)**	MT37 (p,4n) >>

Nb93 (p,n+d+2α) or Rb83 production log-log



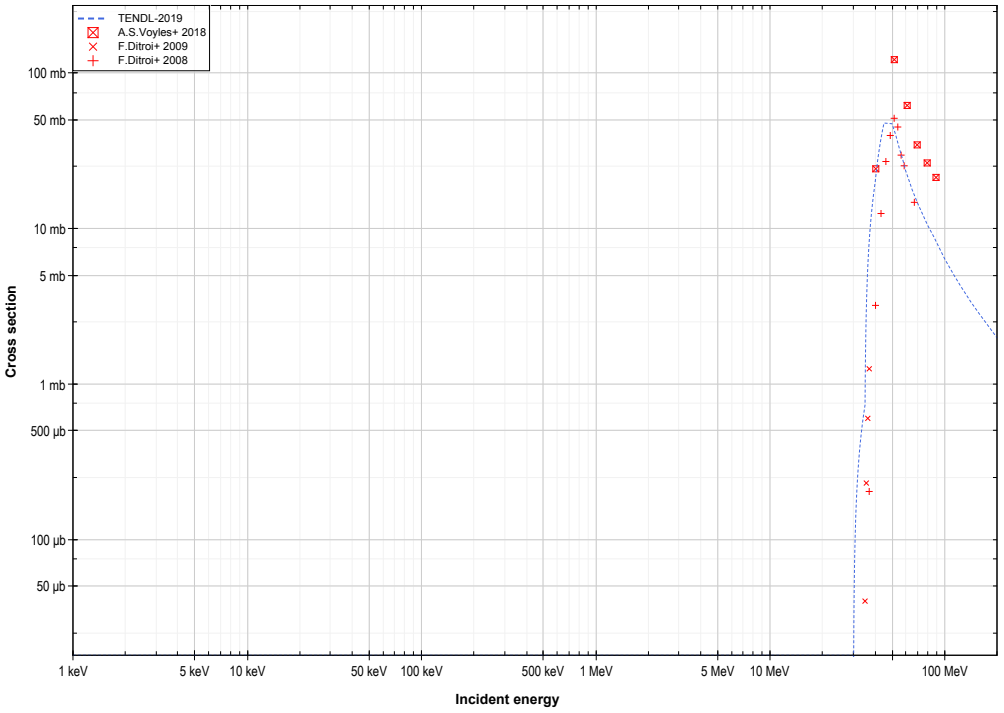
Nb93 (p,n+d+2α) or Rb83 production lin-log



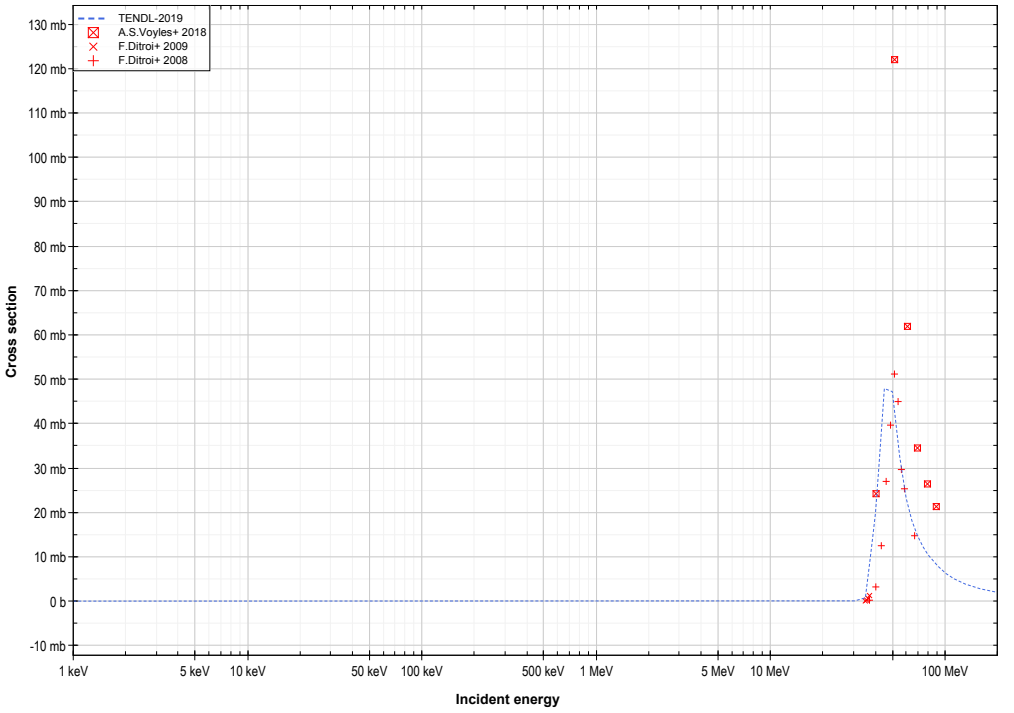
Reaction	Q-Value	Reaction	Q-Value
Nb93(p,t+2α)Rb83	-20652.87 keV	Nb93(p,2n+2p+t+α)Rb83	-48948.53 keV
Nb93(p,n+d+2α)Rb83	-26910.10 keV	Nb93(p,3n+p+He3+α)Rb83	-49712.28 keV
Nb93(p,2n+p+2α)Rb83	-29134.67 keV	Nb93(p,n+3d+α)Rb83	-50756.63 keV
Nb93(p,p+2t+α)Rb83	-40466.74 keV	Nb93(p,2n+p+2d+α)Rb83	-52981.19 keV
Nb93(p,n+t+He3+α)Rb83	-41230.49 keV	Nb93(p,3n+2p+d+α)Rb83	-55205.76 keV
Nb93(p,2d+t+α)Rb83	-44499.40 keV	Nb93(p,4n+3p+α)Rb83	-57430.33 keV
Nb93(p,n+p+d+t+α)Rb83	-46723.96 keV	Nb93(p,d+2t+He3)Rb83	-58819.79 keV
Nb93(p,2n+d+He3+α)Rb83	-47487.72 keV	Nb93(p,2p+3t)Rb83	-60280.60 keV

<< 39-Y-89	**41-Nb-93**	42-Mo-96 >>
<< MT35 (p,n+d+2α)	**MT37 (p,4n) or MT5 (Mo90 production)**	MT45 (p,n+p+α) >>

Nb93 (p,4n) or Mo90 production log-log



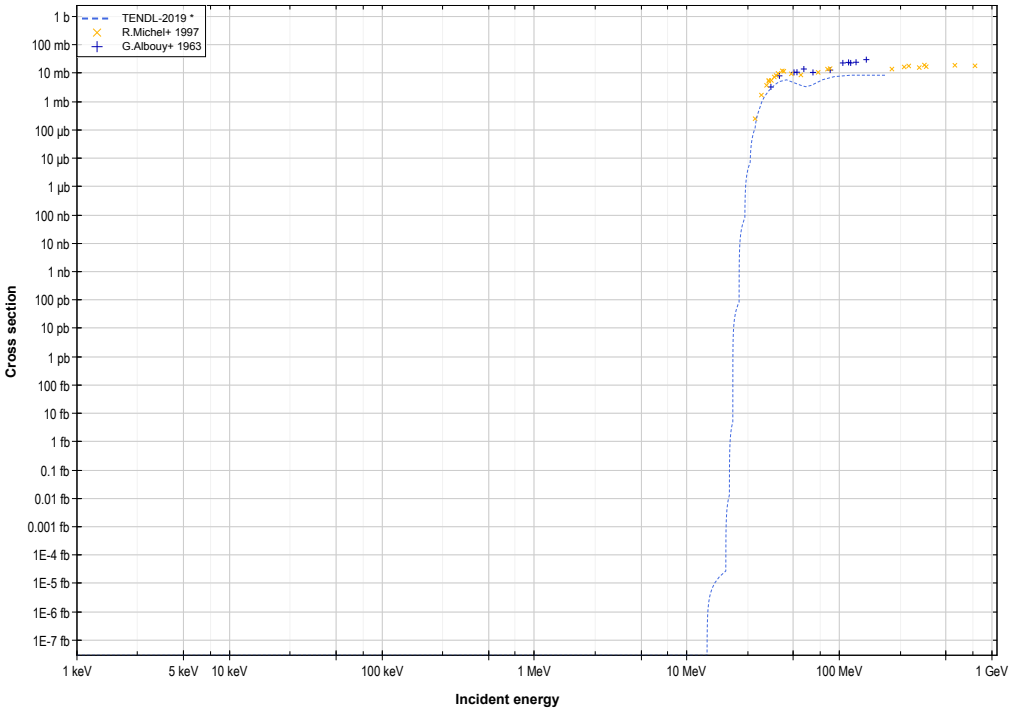
Nb93 (p,4n) or Mo90 production lin-log



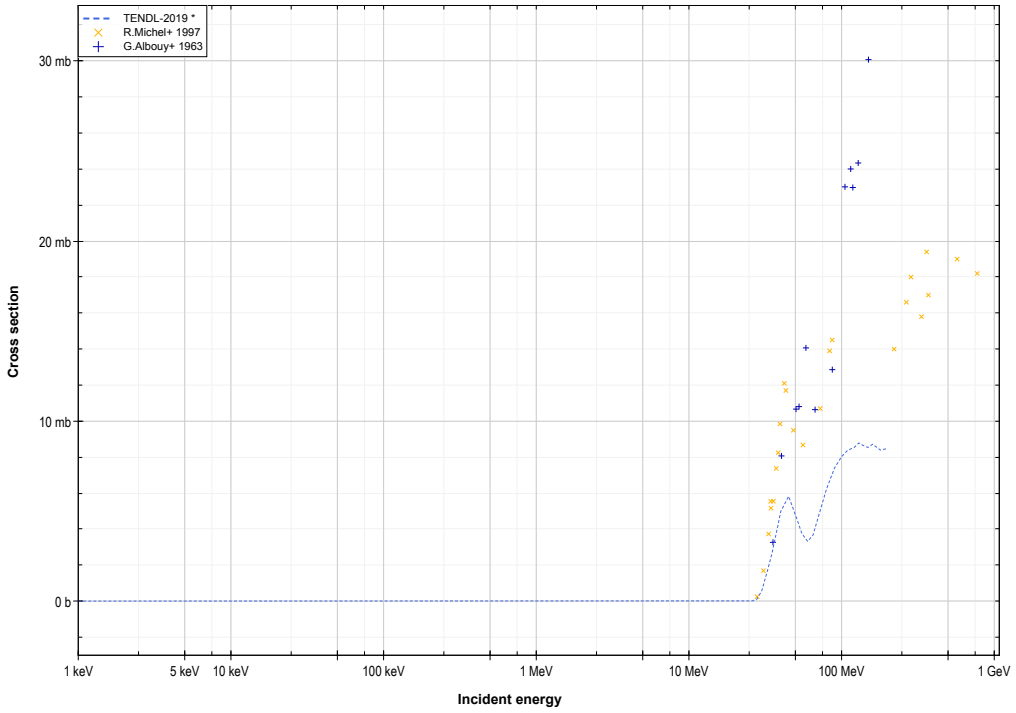
Reaction	Q-Value
Nb93(p,4n)Mo90	-32036.10 keV

<< 39-Y-89	**41-Nb-93**	53-I-127 >>
<< MT37 (p,4n)	**MT45 (p,n+p+α) or MT5 (Y88 production)**	MT103 (p,p) >>

Nb93 (p,n+p+α) or Y88 production log-log



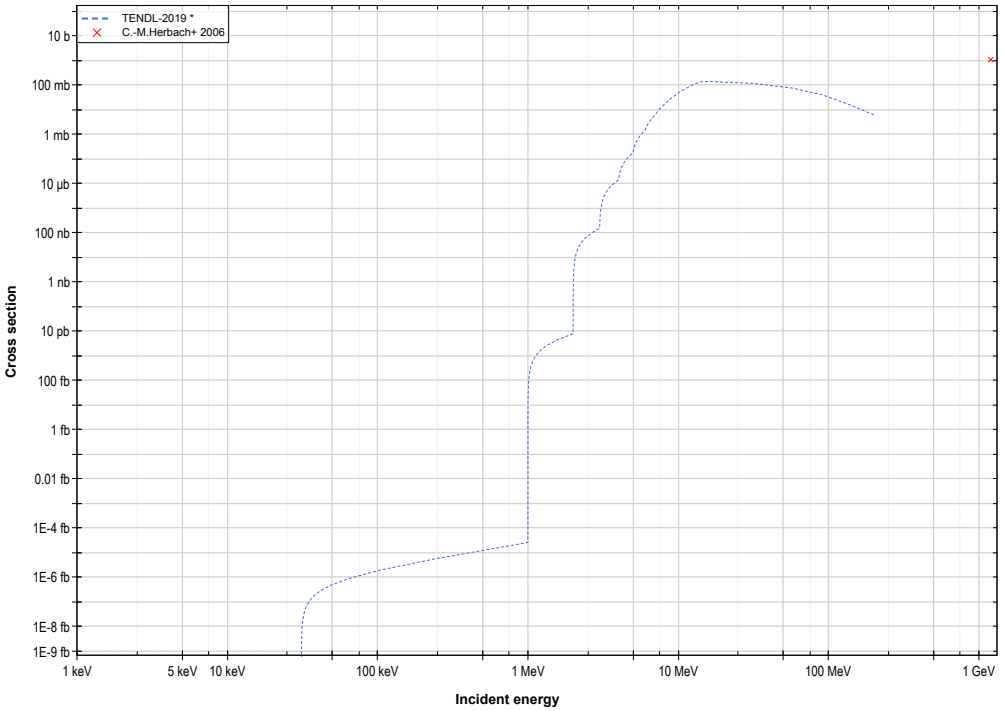
Nb93 (p,n+p+α) or Y88 production lin-log



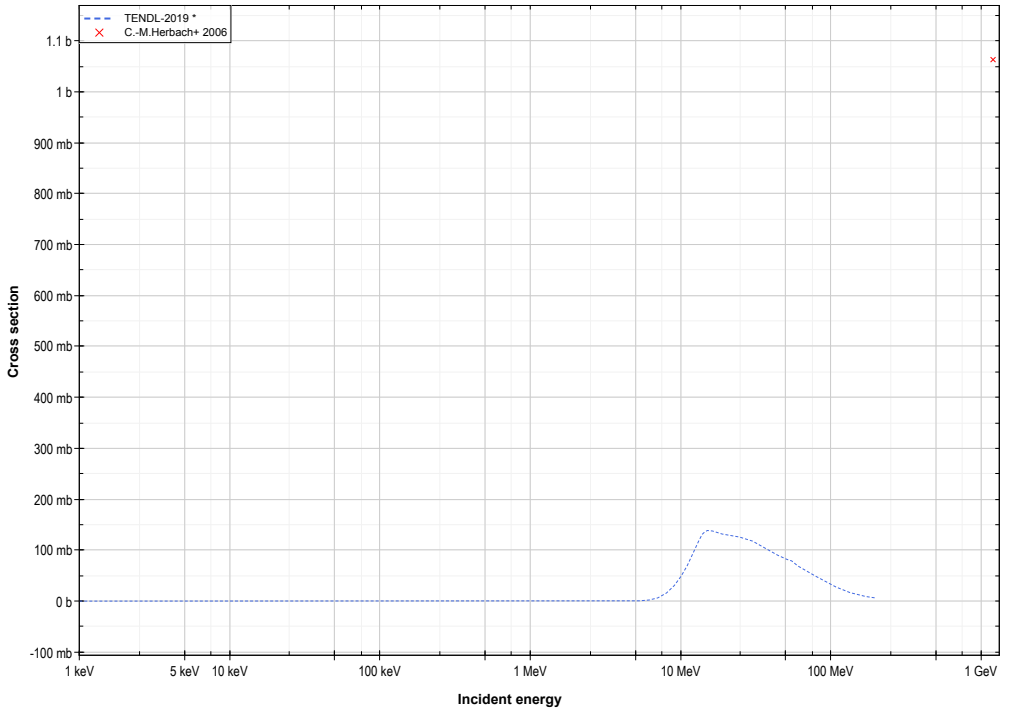
Reaction	Q-Value	Reaction	Q-Value
Nb93(p,d+α)Y88	-11185.47 keV	Nb93(p,n+p+2d)Y88	-37256.56 keV
Nb93(p,n+p+α)Y88	-13410.03 keV	Nb93(p,2n+2p+d)Y88	-39481.13 keV
Nb93(p,t+He3)Y88	-25505.86 keV	Nb93(p,3n+3p)Y88	-41705.69 keV
Nb93(p,p+d+t)Y88	-30999.33 keV		
Nb93(p,n+d+He3)Y88	-31763.09 keV		
Nb93(p,n+2p+t)Y88	-33223.90 keV		
Nb93(p,2n+p+He3)Y88	-33987.65 keV		
Nb93(p,3d)Y88	-35031.99 keV		

<< 29-Cu-65	**41-Nb-93**	43-Tc-99 >>
<< MT45 (p,n+p+α)	**MT103 (p,p) or MT5 (Nb93 production)**	MT113 (p,t+2α) >>

Nb93 (p,p) or Nb93 production log-log



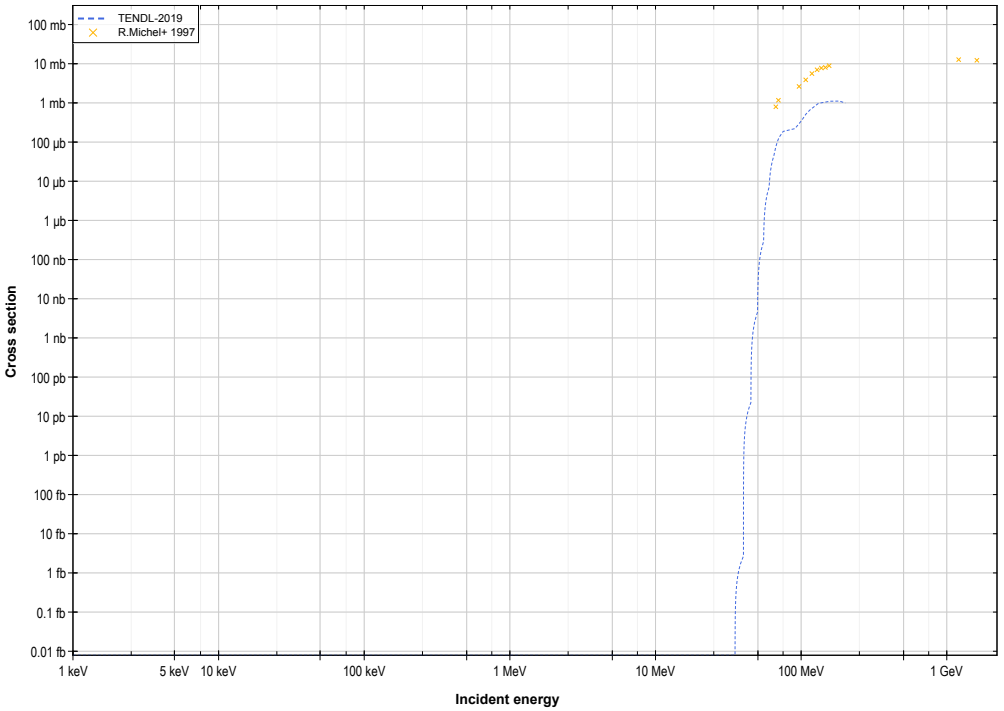
Nb93 (p,p) or Nb93 production lin-log



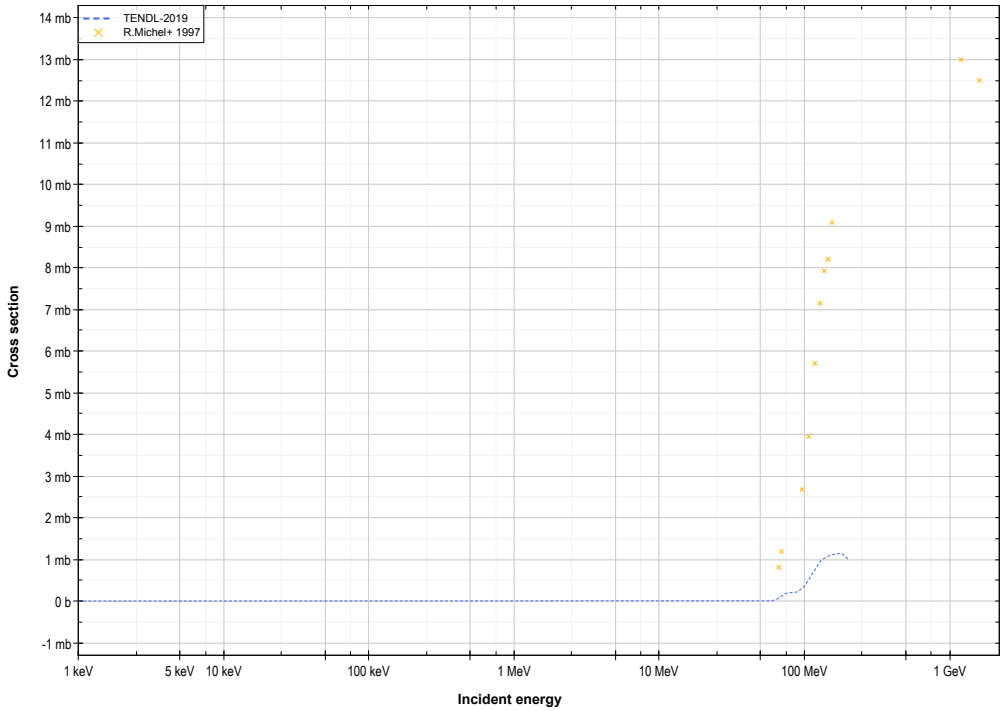
Reaction	Q-Value
Nb93(p,p)Nb93	0.00 keV

	41-Nb-93	
<< MT103 (p,p)	**MT113 (p,t+2α) or MT5 (Rb83 production)**	MT117 (p,d+α) >>

Nb93 (p,t+2α) or Rb83 production log-log



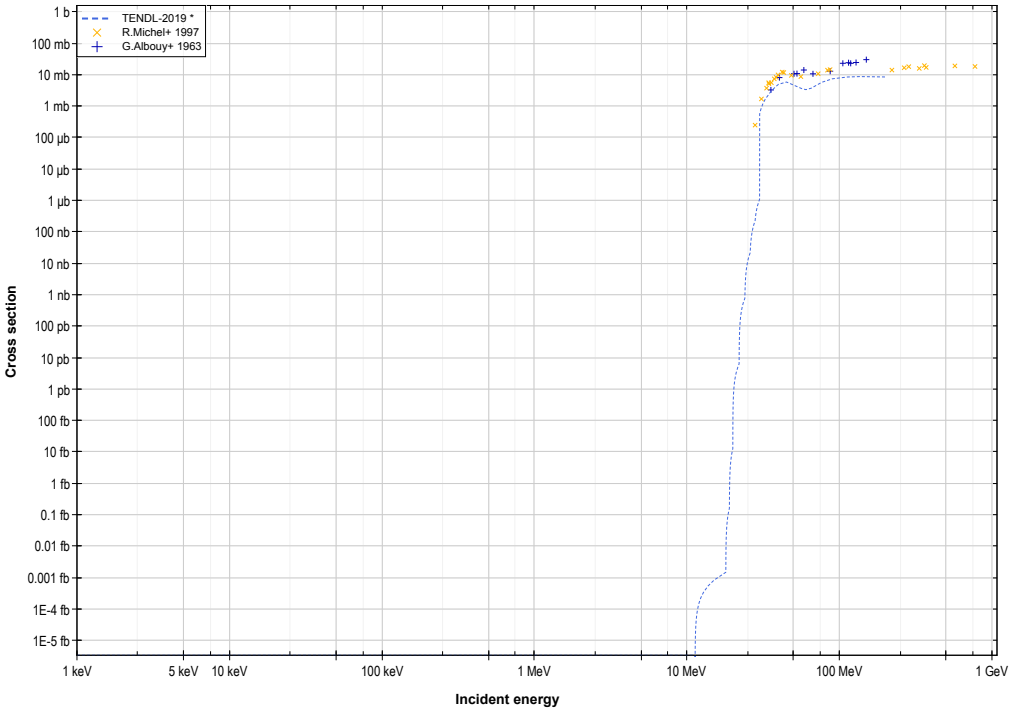
Nb93 (p,t+2α) or Rb83 production lin-log



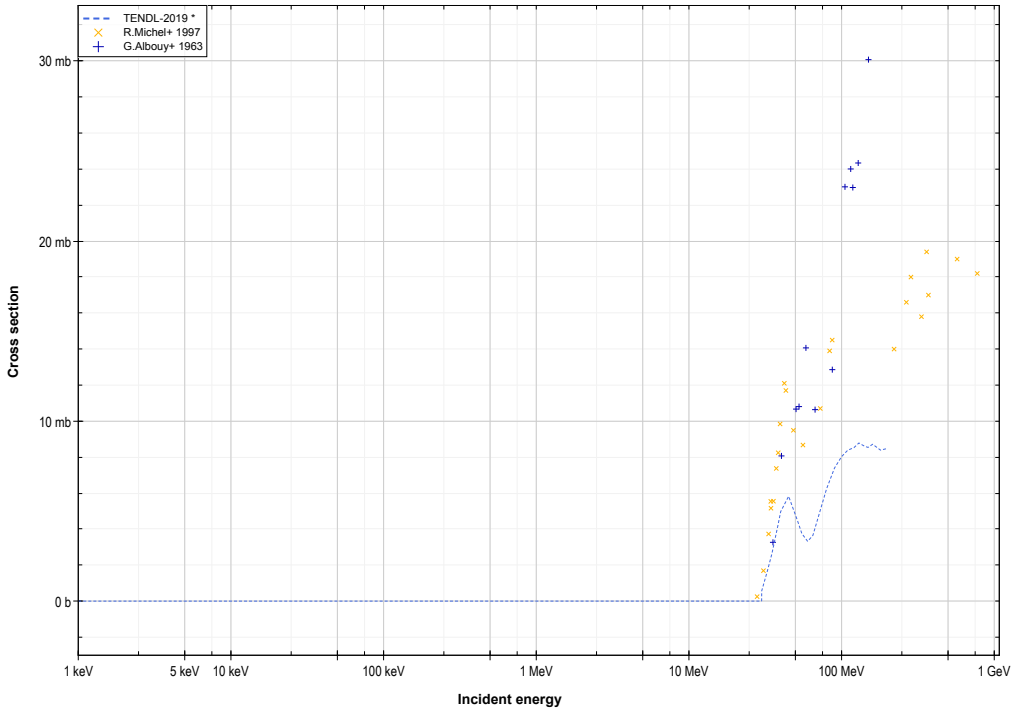
Reaction	Q-Value	Reaction	Q-Value
Nb93(p,t+2α)Rb83	-20652.87 keV	Nb93(p,2n+2p+t+α)Rb83	-48948.53 keV
Nb93(p,n+d+2α)Rb83	-26910.10 keV	Nb93(p,3n+p+He3+α)Rb83	-49712.28 keV
Nb93(p,2n+p+2α)Rb83	-29134.67 keV	Nb93(p,n+3d+α)Rb83	-50756.63 keV
Nb93(p,p+2t+α)Rb83	-40466.74 keV	Nb93(p,2n+p+2d+α)Rb83	-52981.19 keV
Nb93(p,n+t+He3+α)Rb83	-41230.49 keV	Nb93(p,3n+2p+d+α)Rb83	-55205.76 keV
Nb93(p,2d+t+α)Rb83	-44499.40 keV	Nb93(p,4n+3p+α)Rb83	-57430.33 keV
Nb93(p,n+p+d+t+α)Rb83	-46723.96 keV	Nb93(p,d+2t+He3)Rb83	-58819.79 keV
Nb93(p,2n+d+He3+α)Rb83	-47487.72 keV	Nb93(p,2p+3t)Rb83	-60280.60 keV

<< 39-Y-89	**41-Nb-93**	53-I-127 >>
<< MT113 (p,t+2α)	**MT117 (p,d+α) or MT5 (Y88 production)**	MT154 (p,2n+t) >>

Nb93 (p,d+α) or Y88 production log-log



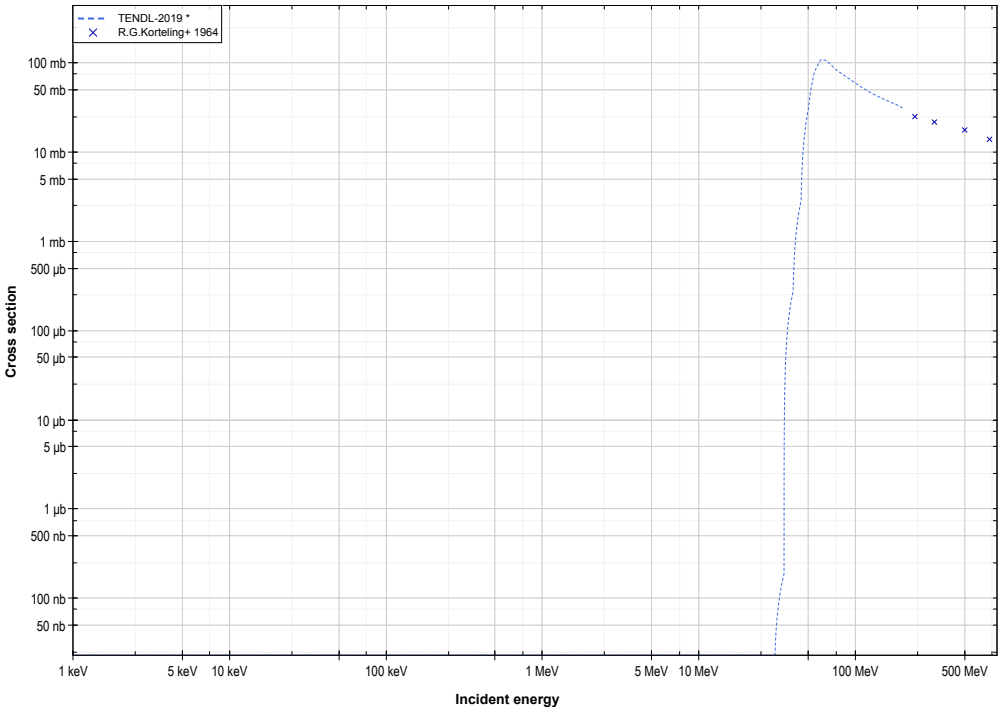
Nb93 (p,d+α) or Y88 production lin-log



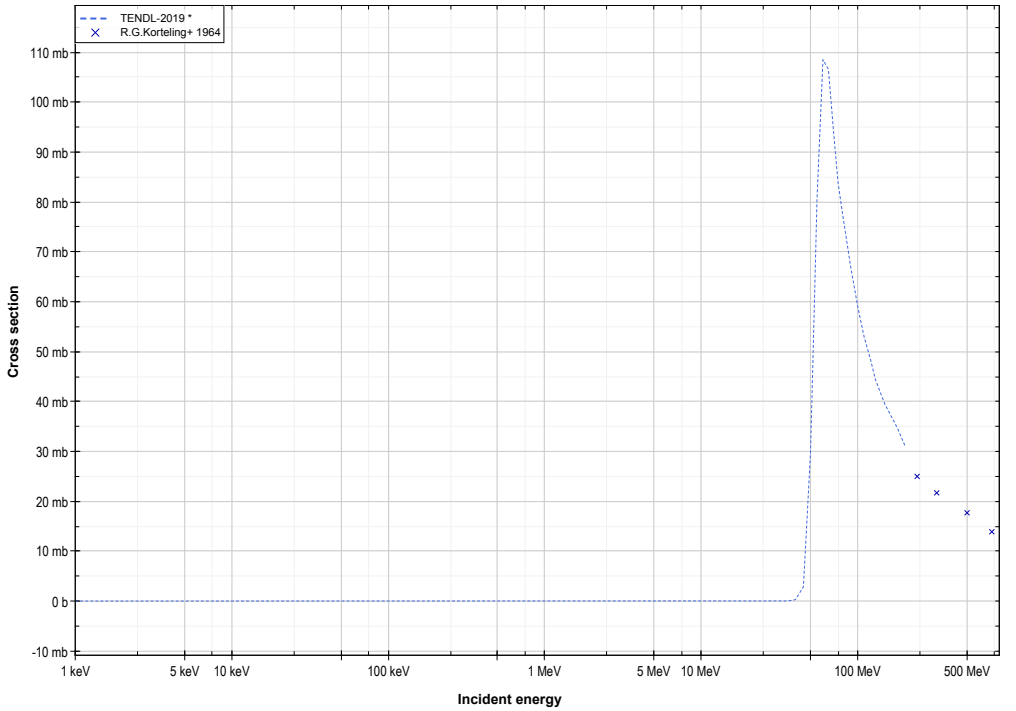
Reaction	Q-Value	Reaction	Q-Value
Nb93(p,d+α)Y88	-11185.47 keV	Nb93(p,n+p+2d)Y88	-37256.56 keV
Nb93(p,n+p+α)Y88	-13410.03 keV	Nb93(p,2n+2p+d)Y88	-39481.13 keV
Nb93(p,t+He3)Y88	-25505.86 keV	Nb93(p,3n+3p)Y88	-41705.69 keV
Nb93(p,p+d+t)Y88	-30999.33 keV		
Nb93(p,n+d+He3)Y88	-31763.09 keV		
Nb93(p,n+2p+t)Y88	-33223.90 keV		
Nb93(p,2n+p+He3)Y88	-33987.65 keV		
Nb93(p,3d)Y88	-35031.99 keV		

<< 39-Y-89	**41-Nb-93**	52-Te-122 >>
<< MT117 (p,d+α)	**MT154 (p,2n+t) or MT5 (Nb89 production)**	MT156 (p,4n+p) >>

Nb93 (p,2n+t) or Nb89 production log-log



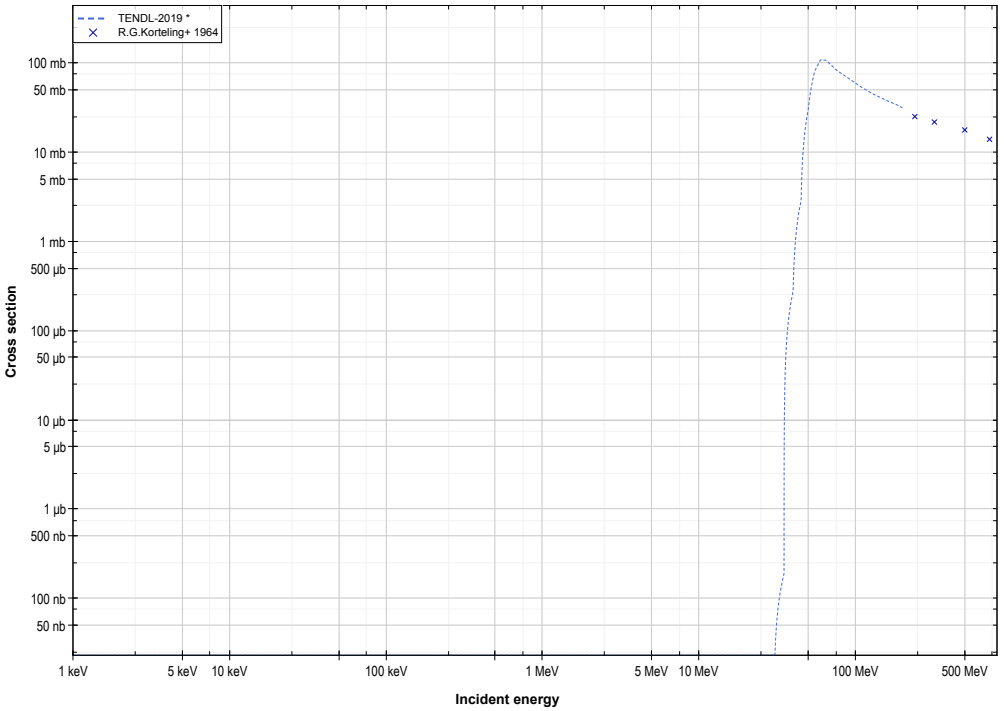
Nb93 (p,2n+t) or Nb89 production lin-log



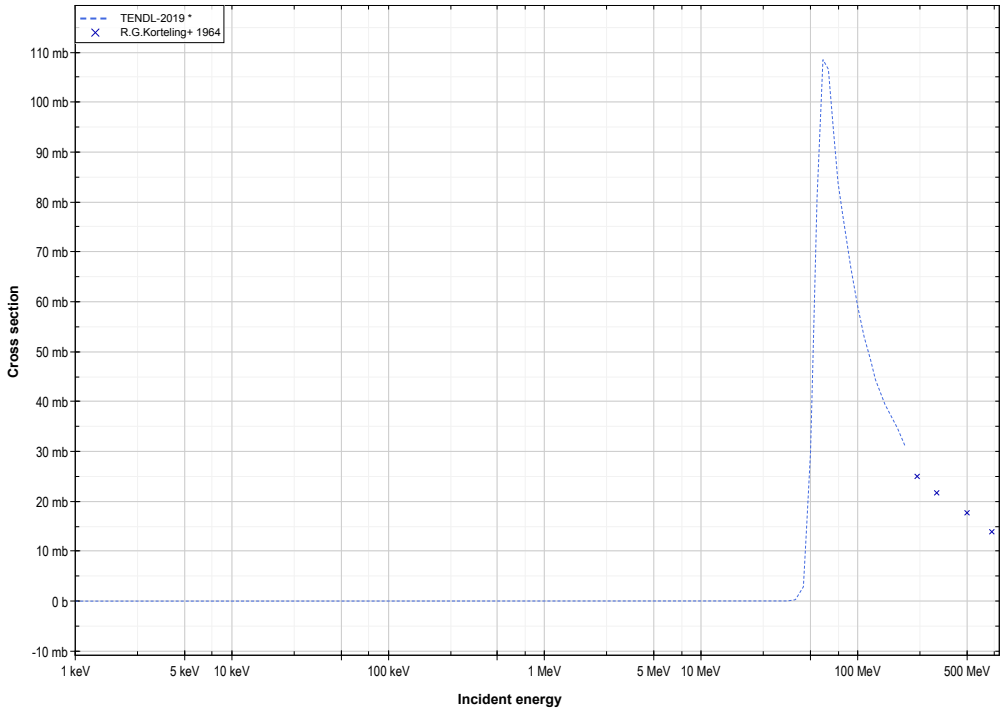
Reaction	Q-Value
Nb93(p,2n+t)Nb89	-30391.27 keV
Nb93(p,3n+d)Nb89	-36648.50 keV
Nb93(p,4n+p)Nb89	-38873.07 keV

<< 39-Y-89	**41-Nb-93**	52-Te-122 >>
<< MT154 (p,2n+t)	**MT156 (p,4n+p) or MT5 (Nb89 production)**	MT157 (p,3n+d) >>

Nb93 (p,4n+p) or Nb89 production log-log



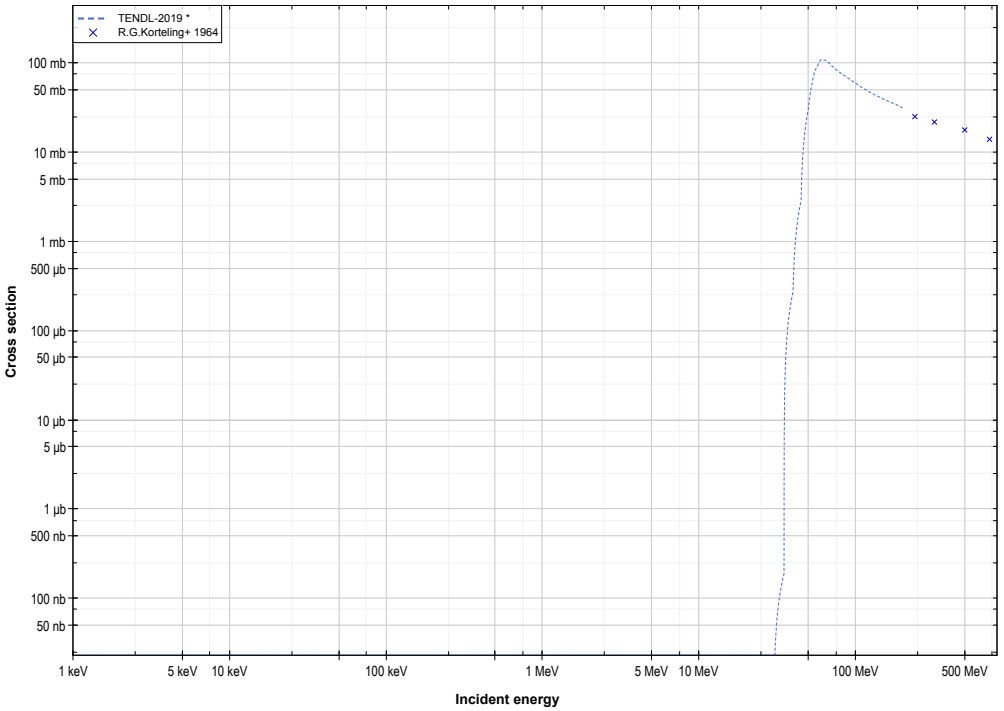
Nb93 (p,4n+p) or Nb89 production lin-log



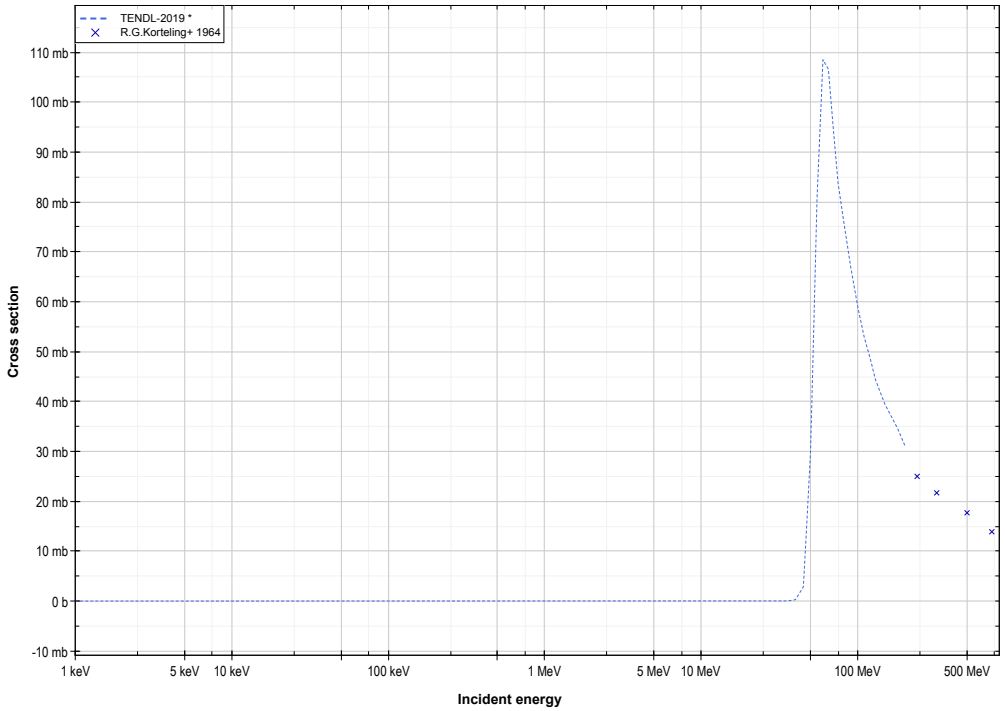
Reaction	Q-Value
Nb93(p,2n+t)Nb89	-30391.27 keV
Nb93(p,3n+d)Nb89	-36648.50 keV
Nb93(p,4n+p)Nb89	-38873.07 keV

<< 39-Y-89	**41-Nb-93**	52-Te-122 >>
<< MT156 (p,4n+p)	**MT157 (p,3n+d) or MT5 (Nb89 production)**	MT165 (p,4n+α) >>

Nb93 (p,3n+d) or Nb89 production log-log



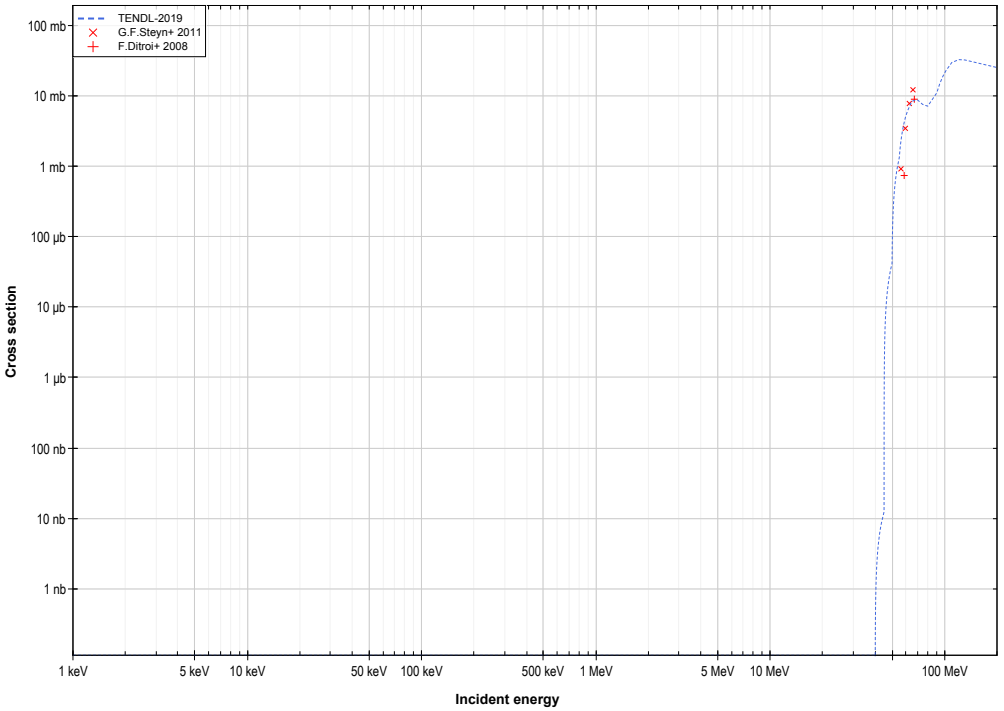
Nb93 (p,3n+d) or Nb89 production lin-log



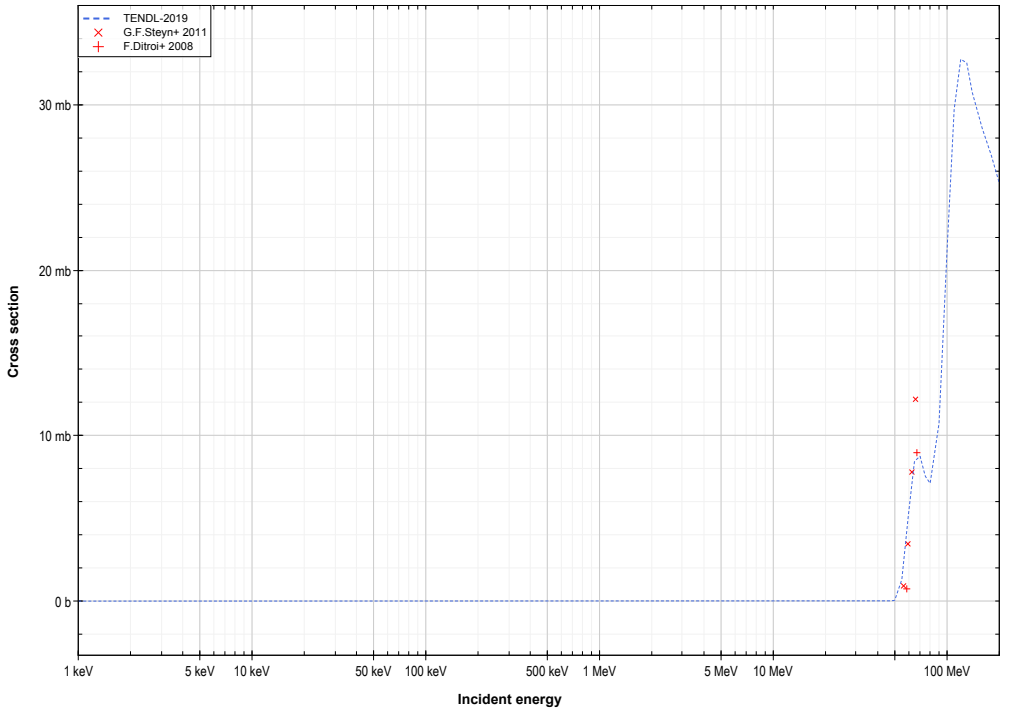
Reaction	Q-Value
Nb93(p,2n+t)Nb89	-30391.27 keV
Nb93(p,3n+d)Nb89	-36648.50 keV
Nb93(p,4n+p)Nb89	-38873.07 keV

<< 39-Y-89	**41-Nb-93**	50-Sn-124 >>
<< MT157 (p,3n+d)	**MT165 (p,4n+α) or MT5 (Zr86 production)**	MT176 (p,2n+^{3}He) >>

Nb93 (p,4n+α) or Zr86 production log-log



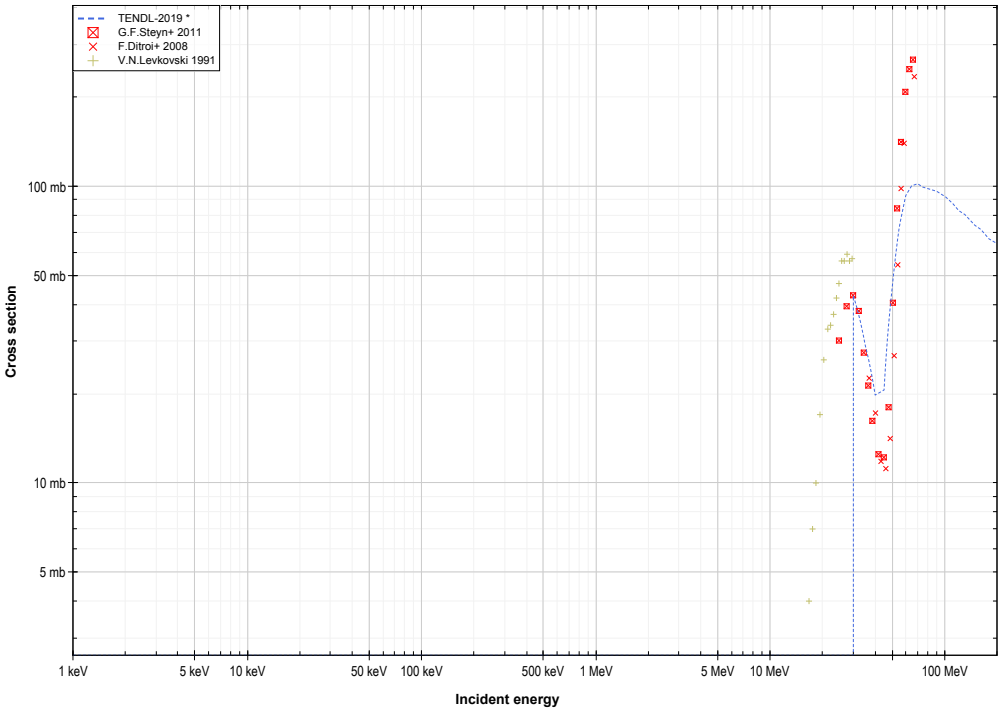
Nb93 (p,4n+α) or Zr86 production lin-log



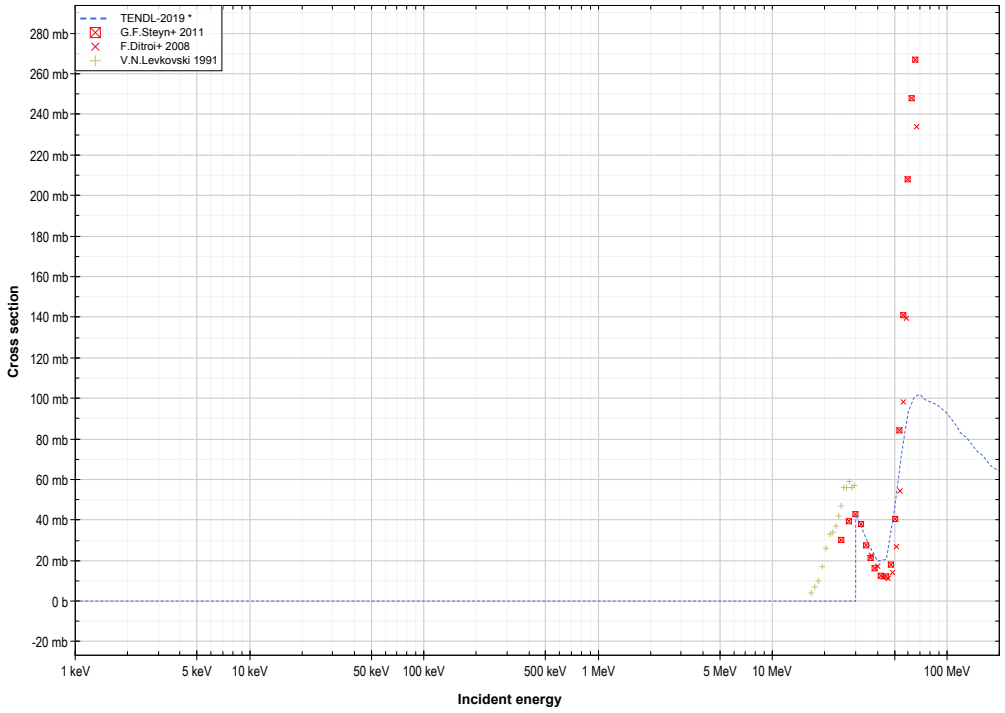
Reaction	Q-Value
Nb93(p,4n+α)Zr86	-36665.01 keV
Nb93(p,2n+2t)Zr86	-47997.08 keV
Nb93(p,3n+d+t)Zr86	-54254.31 keV
Nb93(p,4n+p+t)Zr86	-56478.88 keV
Nb93(p,5n+He3)Zr86	-57242.63 keV
Nb93(p,4n+2d)Zr86	-60511.54 keV
Nb93(p,5n+p+d)Zr86	-62736.11 keV
Nb93(p,6n+2p)Zr86	-64960.67 keV

<< 40-Zr-92	**41-Nb-93**	42-Mo-92 >>
<< MT165 (p,4n+α)	**MT176 (p,2n+³He) or MT5 (Zr89 production)**	MT177 (p,3n+³He) >>

Nb93 (p,2n+³He) or Zr89 production log-log



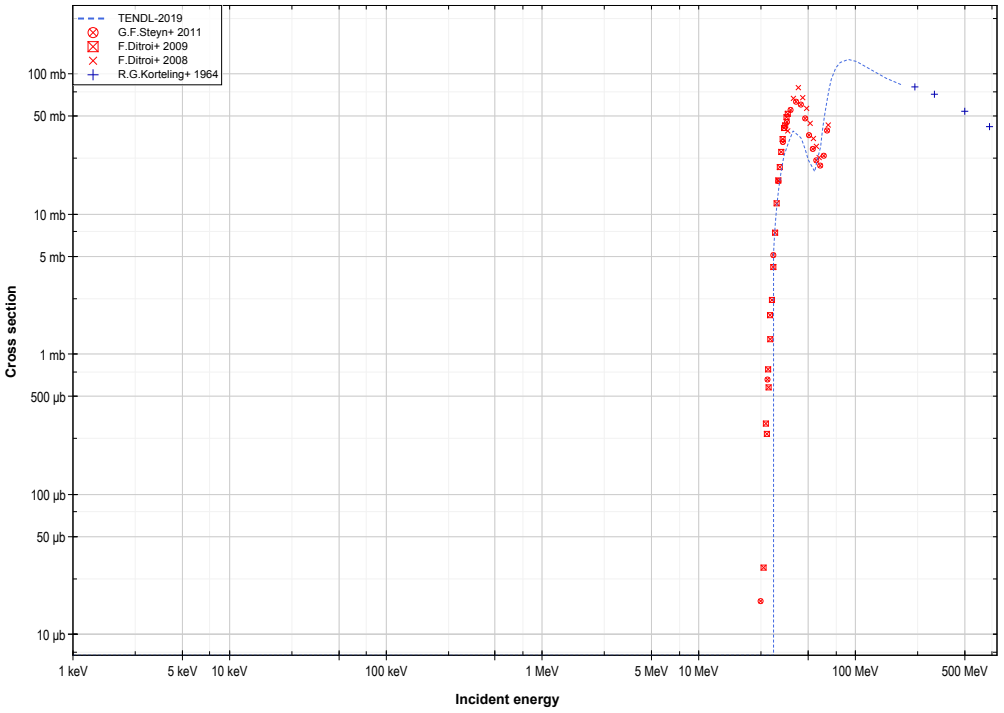
Nb93 (p,2n+³He) or Zr89 production lin-log



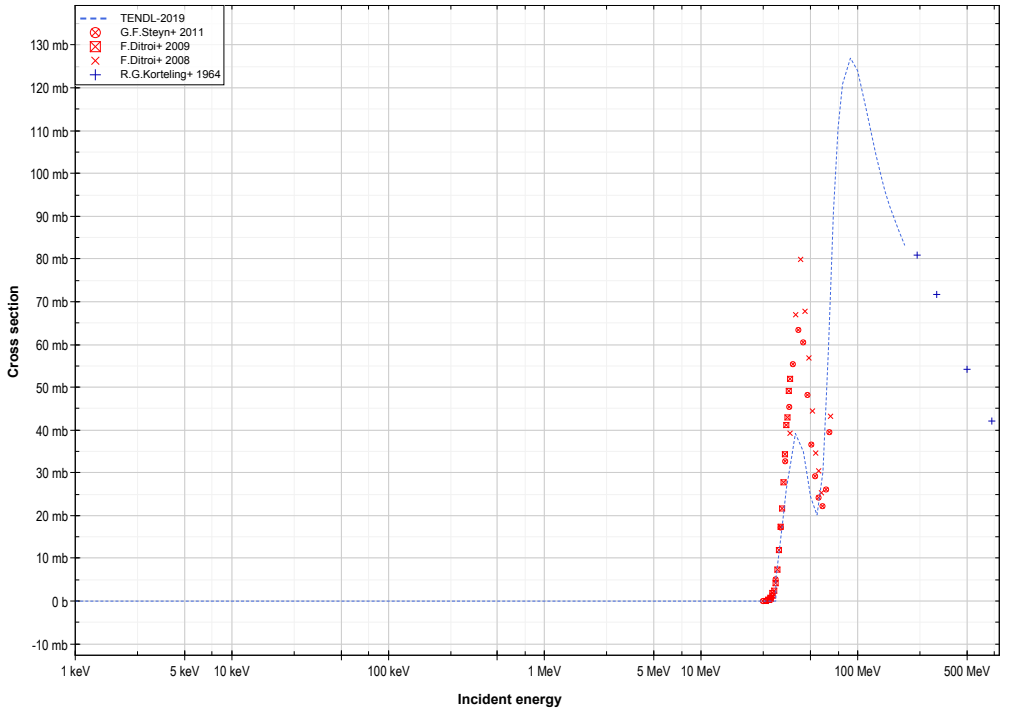
Reaction	Q-Value
Nb93(p,n+α)Zr89	-5544.06 keV
Nb93(p,d+t)Zr89	-23133.36 keV
Nb93(p,n+p+t)Zr89	-25357.93 keV
Nb93(p,2n+He3)Zr89	-26121.68 keV
Nb93(p,n+2d)Zr89	-29390.59 keV
Nb93(p,2n+p+d)Zr89	-31615.16 keV
Nb93(p,3n+2p)Zr89	-33839.72 keV

<< 28-Ni-62	**41-Nb-93**	42-Mo-100 >>
<< MT176 (p,2n+^{3}He)	**MT177 (p,3n+^{3}He) or MT5 (Zr88 production)**	MT178 (p,4n+^{3}He) >>

Nb93 (p,3n+^{3}He) or Zr88 production log-log



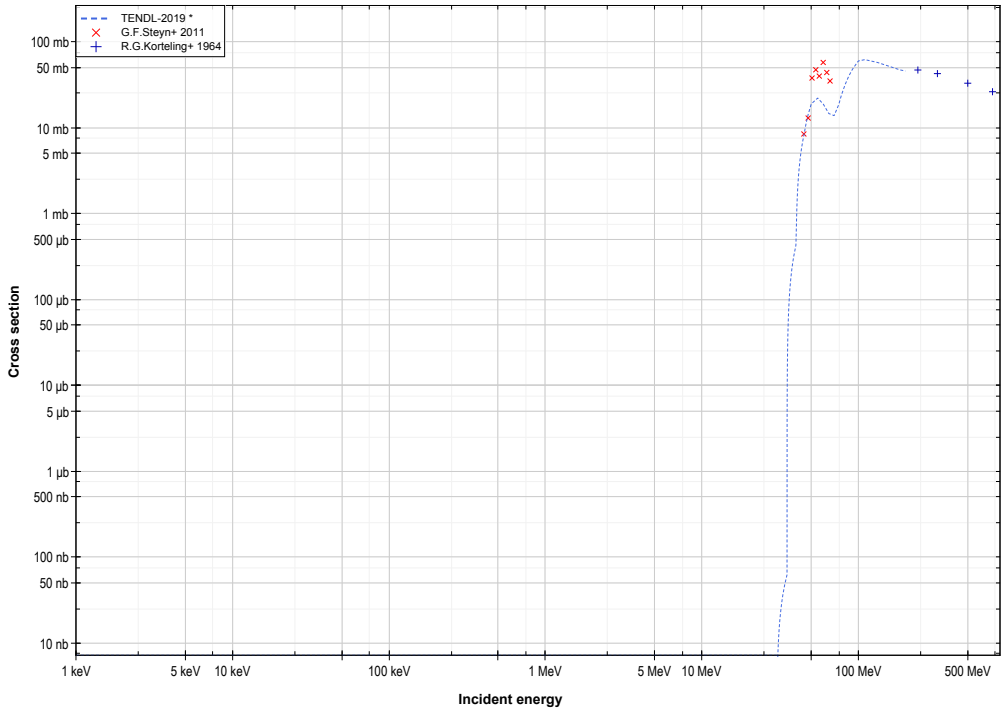
Nb93 (p,3n+^{3}He) or Zr88 production lin-log



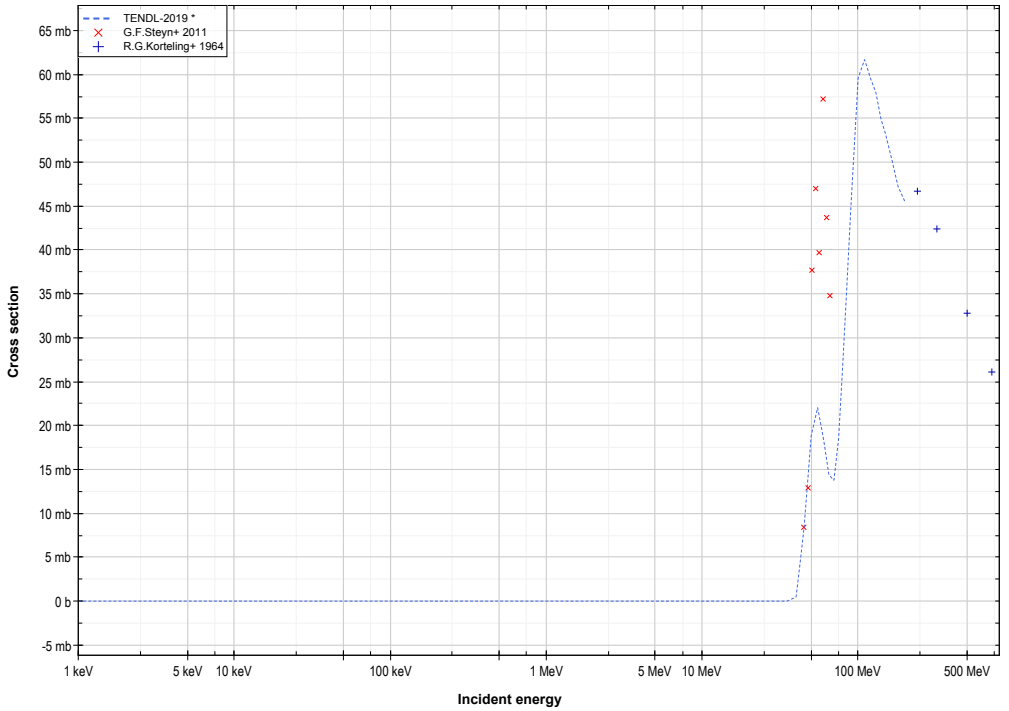
Reaction	Q-Value
Nb93(p,2n+α)Zr88	-14862.38 keV
Nb93(p,2t)Zr88	-26194.45 keV
Nb93(p,n+d+t)Zr88	-32451.68 keV
Nb93(p,2n+p+t)Zr88	-34676.24 keV
Nb93(p,3n+He3)Zr88	-35440.00 keV
Nb93(p,2n+2d)Zr88	-38708.91 keV
Nb93(p,3n+p+d)Zr88	-40933.47 keV
Nb93(p,4n+2p)Zr88	-43158.04 keV

<< 39-Y-89	**41-Nb-93**	45-Rh-103 >>
<< MT177 (p,3n+^{3}He)	**MT178 (p,4n+^{3}He) or MT5 (Zr87 production)**	MT179 (p,3n+2p) >>

Nb93 (p,4n+^{3}He) or Zr87 production log-log



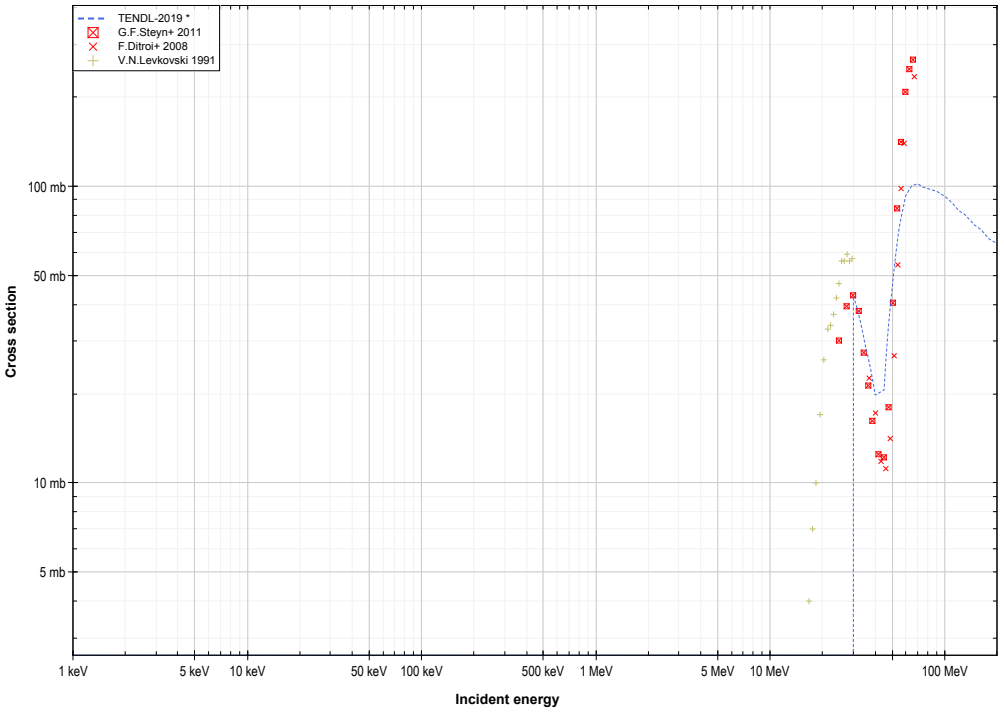
Nb93 (p,4n+^{3}He) or Zr87 production lin-log



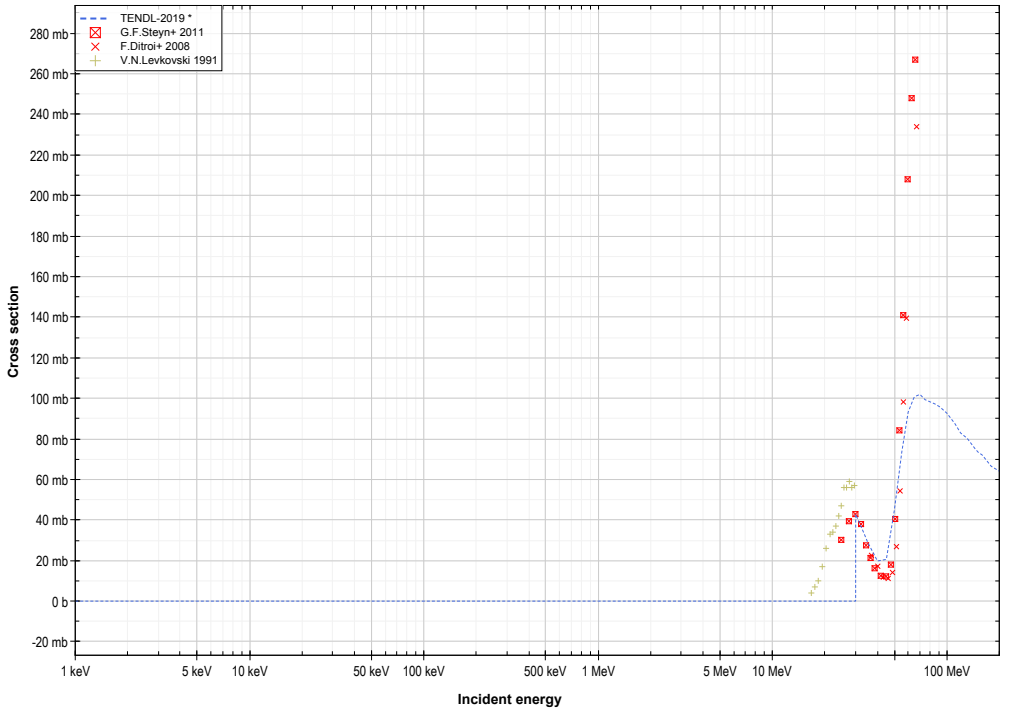
Reaction	Q-Value
Nb93(p,3n+α)Zr87	-27215.70 keV
Nb93(p,n+2t)Zr87	-38547.77 keV
Nb93(p,2n+d+t)Zr87	-44805.00 keV
Nb93(p,3n+p+t)Zr87	-47029.56 keV
Nb93(p,4n+He3)Zr87	-47793.32 keV
Nb93(p,3n+2d)Zr87	-51062.22 keV
Nb93(p,4n+p+d)Zr87	-53286.79 keV
Nb93(p,5n+2p)Zr87	-55511.36 keV

<< 40-Zr-92	**41-Nb-93**	42-Mo-92 >>
<< MT178 (p,4n+³He)	**MT179 (p,3n+2p) or MT5 (Zr89 production)**	MT181 (p,3n+p+α) >>

Nb93 (p,3n+2p) or Zr89 production log-log



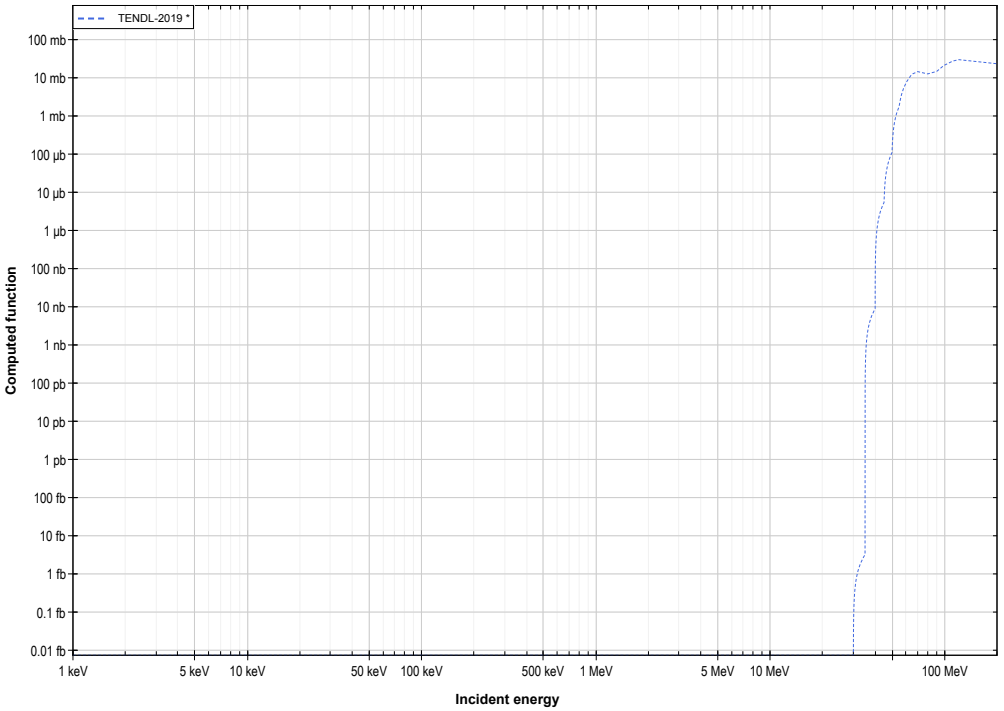
Nb93 (p,3n+2p) or Zr89 production lin-log



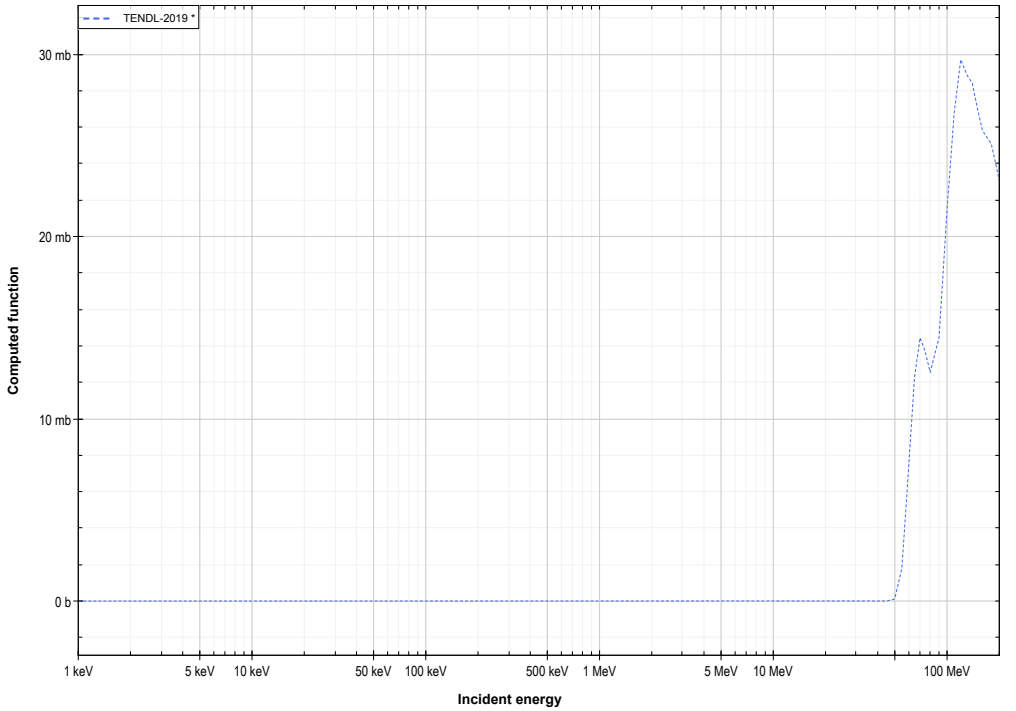
Reaction	Q-Value
Nb93(p,n+α)Zr89	-5544.06 keV
Nb93(p,d+t)Zr89	-23133.36 keV
Nb93(p,n+p+t)Zr89	-25357.93 keV
Nb93(p,2n+He3)Zr89	-26121.68 keV
Nb93(p,n+2d)Zr89	-29390.59 keV
Nb93(p,2n+p+d)Zr89	-31615.16 keV
Nb93(p,3n+2p)Zr89	-33839.72 keV

<< 39-Y-89	**41-Nb-93**	45-Rh-103 >>
<< MT179 (p,3n+2p)	**MT181 (p,3n+p+α) or MT5 (Y86 production)**	MT182 (p,d+t) >>

Nb93 (p,3n+p+α) or Y86 production log-log



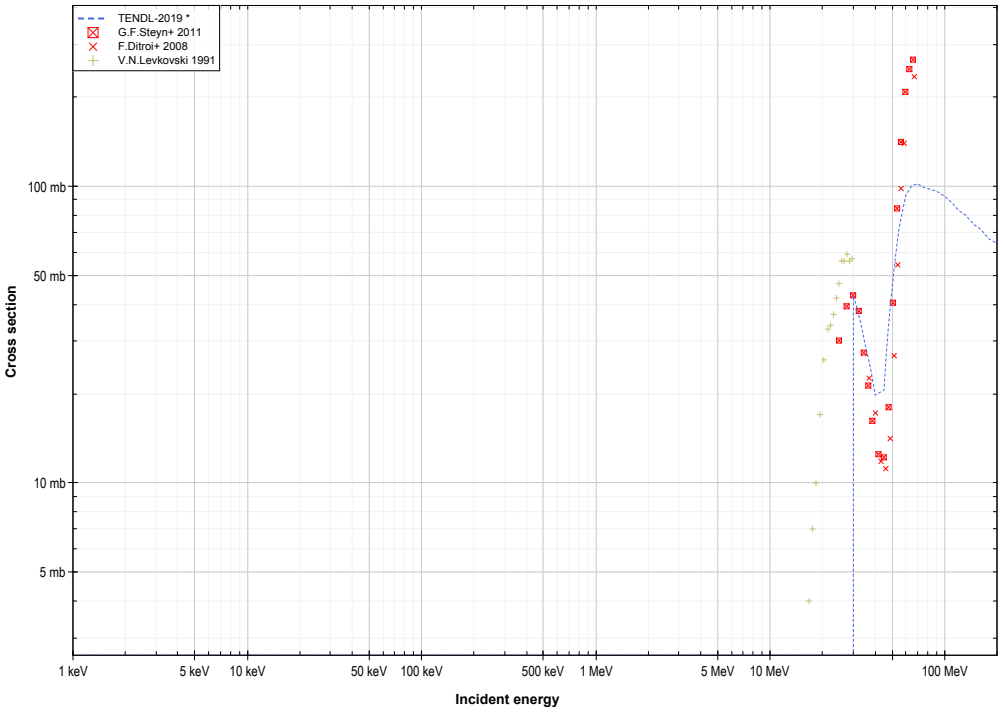
Nb93 (p,3n+p+α) or Y86 production lin-log



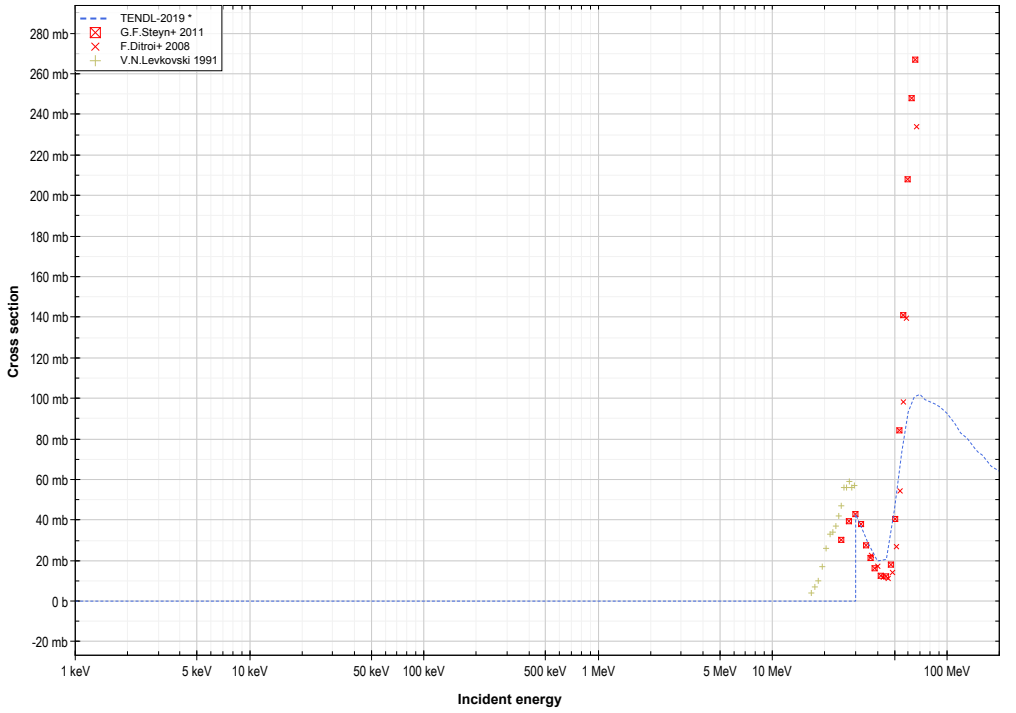
Reaction	Q-Value	Reaction	Q-Value
Nb93(p,n+t+α)Y86	-26086.87 keV	Nb93(p,3n+d+He3)Y86	-52921.72 keV
Nb93(p,2n+d+α)Y86	-32344.10 keV	Nb93(p,3n+2p+t)Y86	-54382.53 keV
Nb93(p,3n+p+α)Y86	-34568.67 keV	Nb93(p,4n+p+He3)Y86	-55146.29 keV
Nb93(p,d+2t)Y86	-43676.17 keV	Nb93(p,2n+3d)Y86	-56190.63 keV
Nb93(p,n+p+2t)Y86	-45900.74 keV	Nb93(p,3n+p+2d)Y86	-58415.19 keV
Nb93(p,2n+t+He3)Y86	-46664.49 keV	Nb93(p,4n+2p+d)Y86	-60639.76 keV
Nb93(p,n+2d+t)Y86	-49933.40 keV	Nb93(p,5n+3p)Y86	-62864.33 keV
Nb93(p,2n+p+d+t)Y86	-52157.97 keV		

<< 40-Zr-92	**41-Nb-93**	42-Mo-92 >>
<< MT181 (p,3n+p+α)	**MT182 (p,d+t) or MT5 (Zr89 production)**	MT184 (p,n+p+t) >>

Nb93 (p,d+t) or Zr89 production log-log



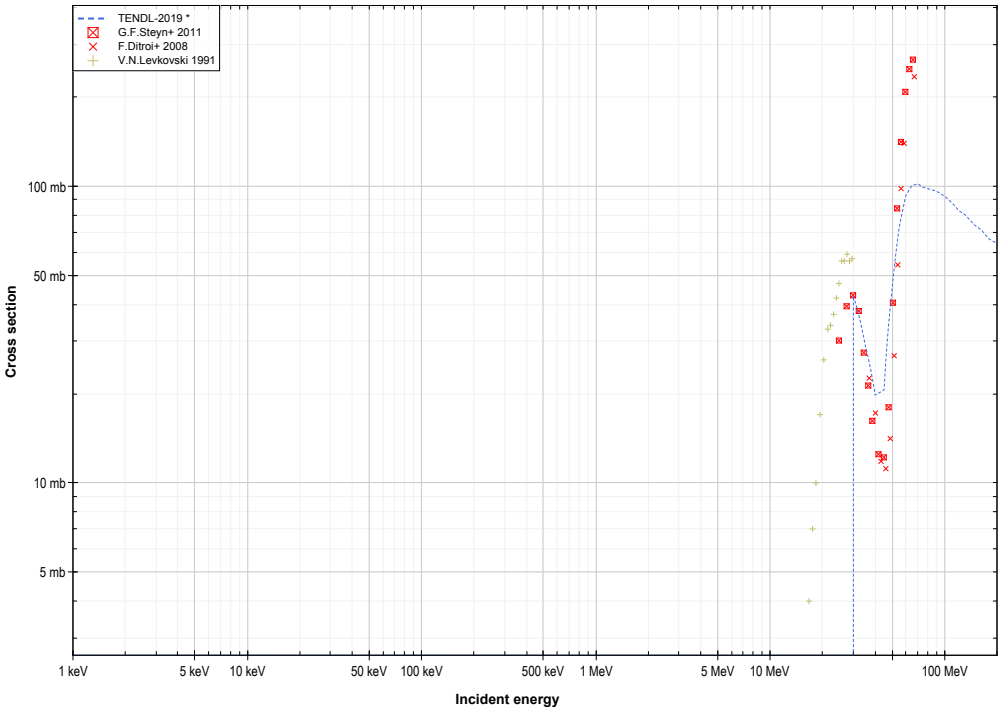
Nb93 (p,d+t) or Zr89 production lin-log



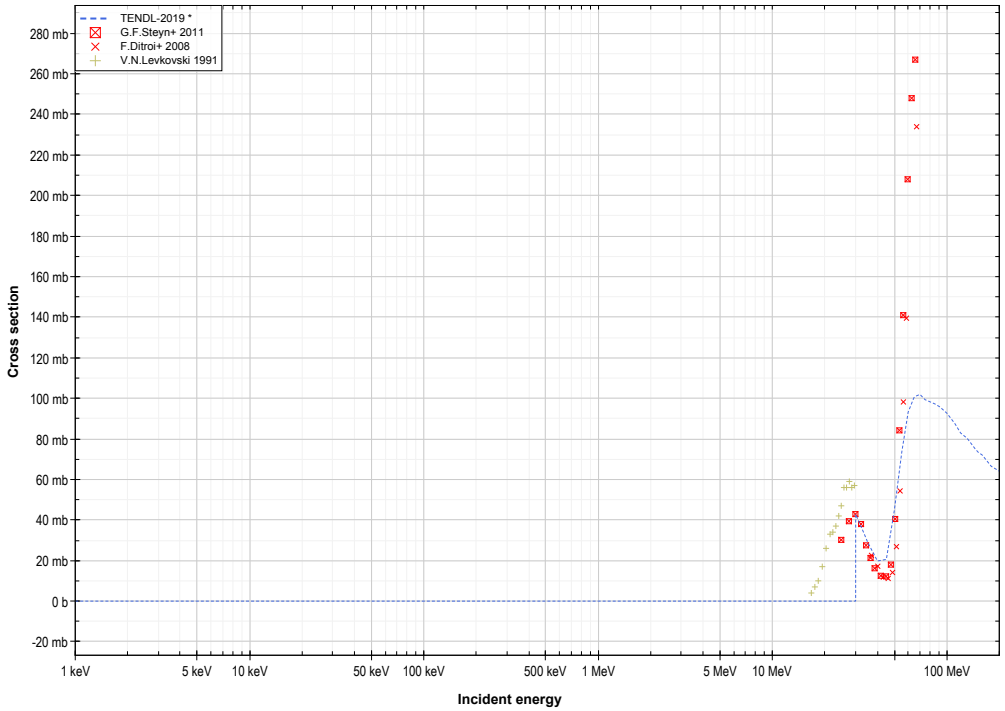
Reaction	Q-Value
Nb93(p,n+α)Zr89	-5544.06 keV
Nb93(p,d+t)Zr89	-23133.36 keV
Nb93(p,n+p+t)Zr89	-25357.93 keV
Nb93(p,2n+He3)Zr89	-26121.68 keV
Nb93(p,n+2d)Zr89	-29390.59 keV
Nb93(p,2n+p+d)Zr89	-31615.16 keV
Nb93(p,3n+2p)Zr89	-33839.72 keV

<< 40-Zr-92	**41-Nb-93**	42-Mo-92 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Zr89 production)**	MT185 (p,n+d+t) >>

Nb93 (p,n+p+t) or Zr89 production log-log



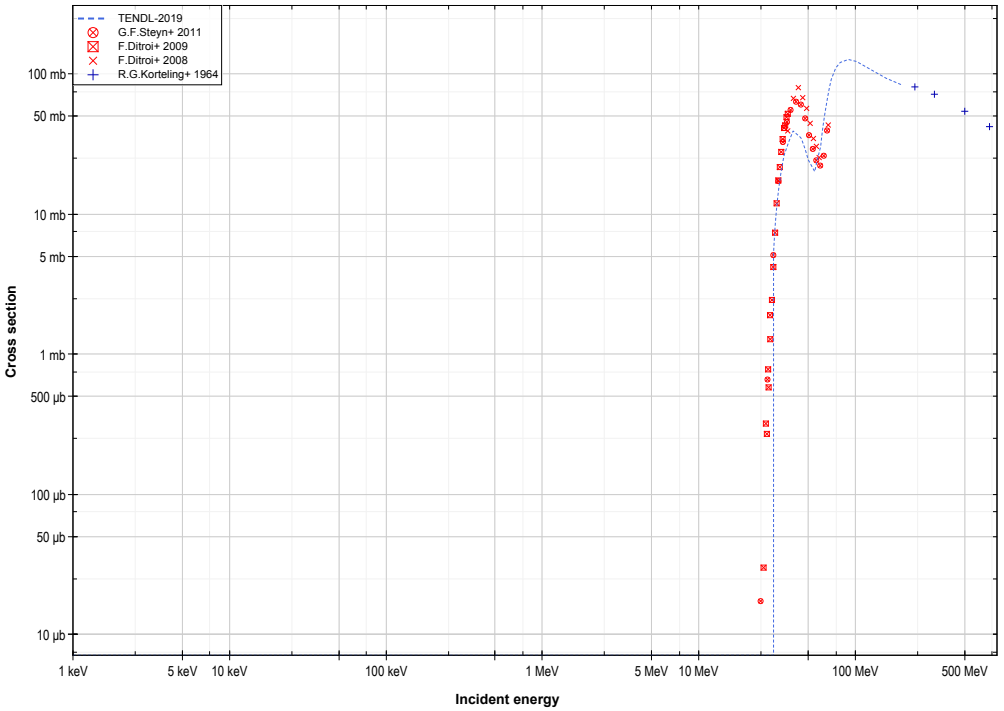
Nb93 (p,n+p+t) or Zr89 production lin-log



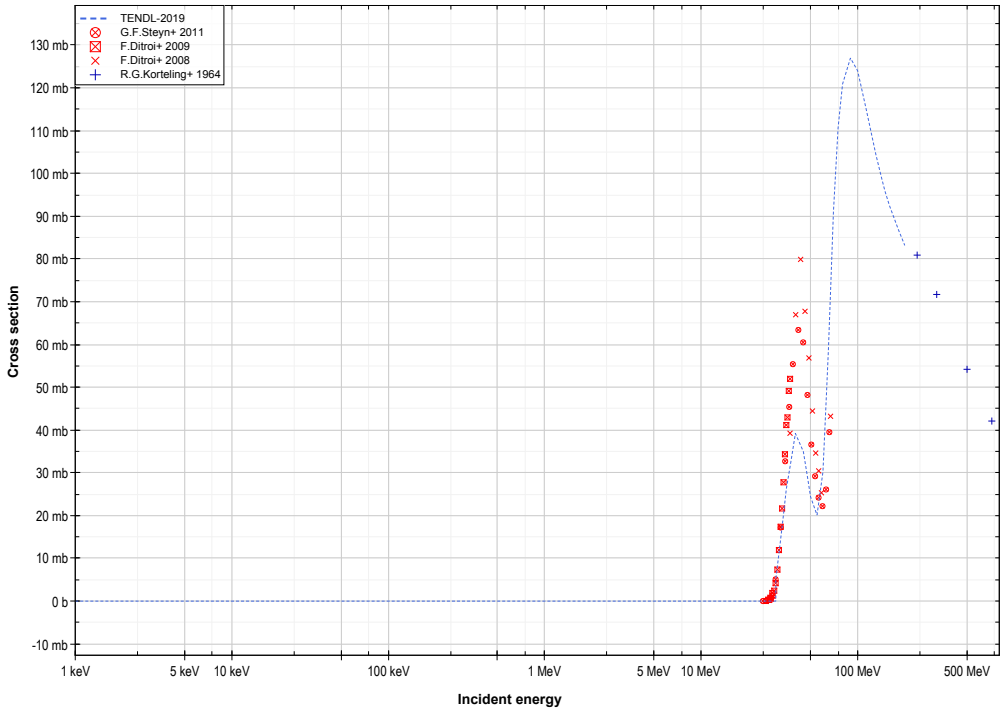
Reaction	Q-Value
Nb93(p,n+α)Zr89	-5544.06 keV
Nb93(p,d+t)Zr89	-23133.36 keV
Nb93(p,n+p+t)Zr89	-25357.93 keV
Nb93(p,2n+He3)Zr89	-26121.68 keV
Nb93(p,n+2d)Zr89	-29390.59 keV
Nb93(p,2n+p+d)Zr89	-31615.16 keV
Nb93(p,3n+2p)Zr89	-33839.72 keV

<< 28-Ni-62	**41-Nb-93**	42-Mo-100 >>
<< MT184 (p,n+p+t)	**MT185 (p,n+d+t) or MT5 (Zr88 production)**	MT187 (p,n+d+^{3}He) >>

Nb93 (p,n+d+t) or Zr88 production log-log



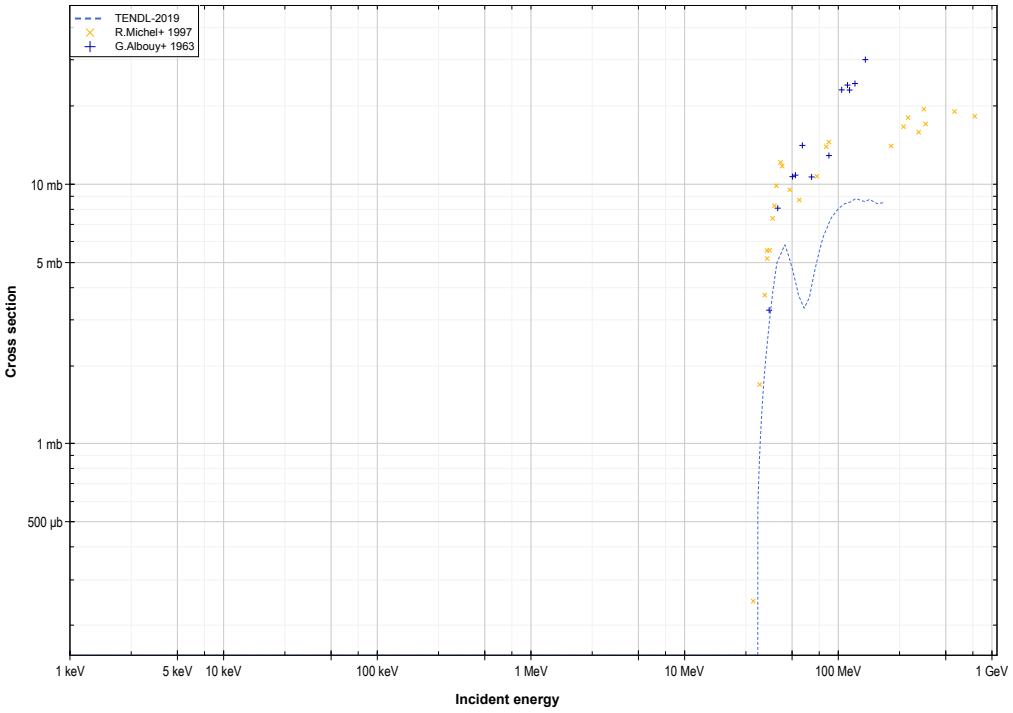
Nb93 (p,n+d+t) or Zr88 production lin-log



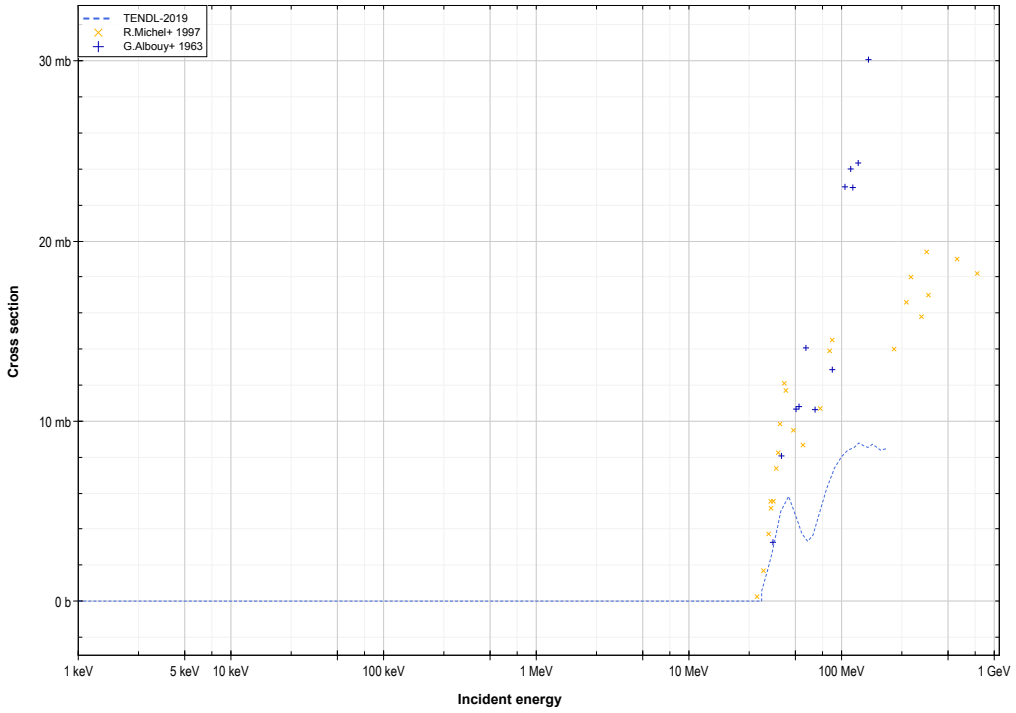
Reaction	Q-Value
Nb93(p,2n+α)Zr88	-14862.38 keV
Nb93(p,2t)Zr88	-26194.45 keV
Nb93(p,n+d+t)Zr88	-32451.68 keV
Nb93(p,2n+p+t)Zr88	-34676.24 keV
Nb93(p,3n+He3)Zr88	-35440.00 keV
Nb93(p,2n+2d)Zr88	-38708.91 keV
Nb93(p,3n+p+d)Zr88	-40933.47 keV
Nb93(p,4n+2p)Zr88	-43158.04 keV

<< 39-Y-89	**41-Nb-93**	53-I-127 >>
<< MT185 (p,n+d+t)	**MT187 (p,n+d+³He) or MT5 (Y88 production)**	MT189 (p,n+t+a) >>

Nb93 (p,n+d+³He) or Y88 production log-log



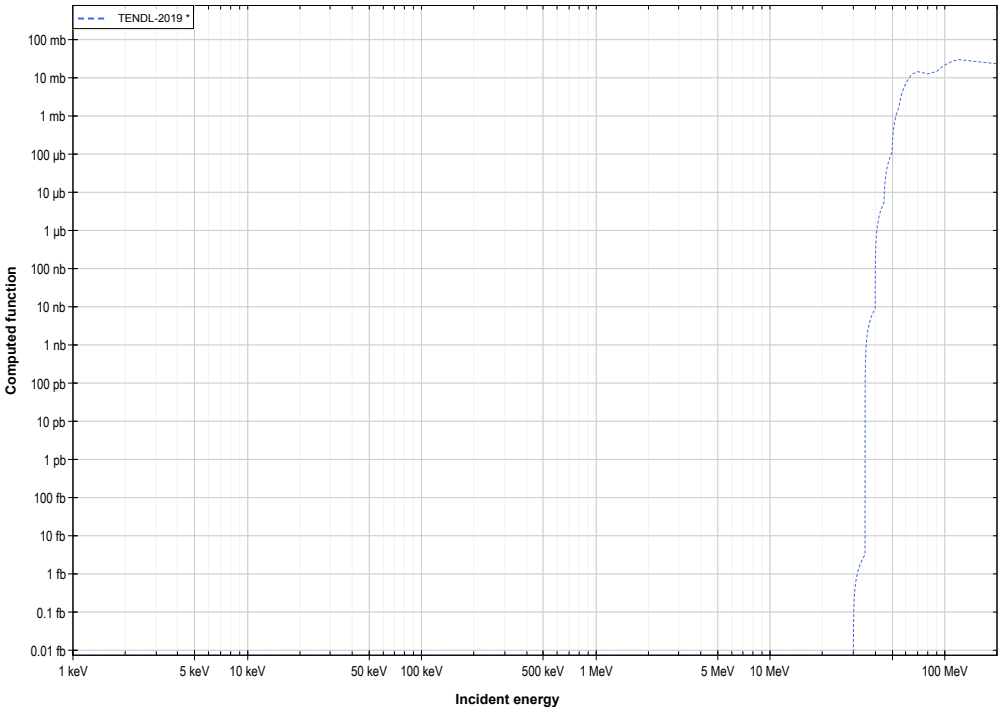
Nb93 (p,n+d+³He) or Y88 production lin-log



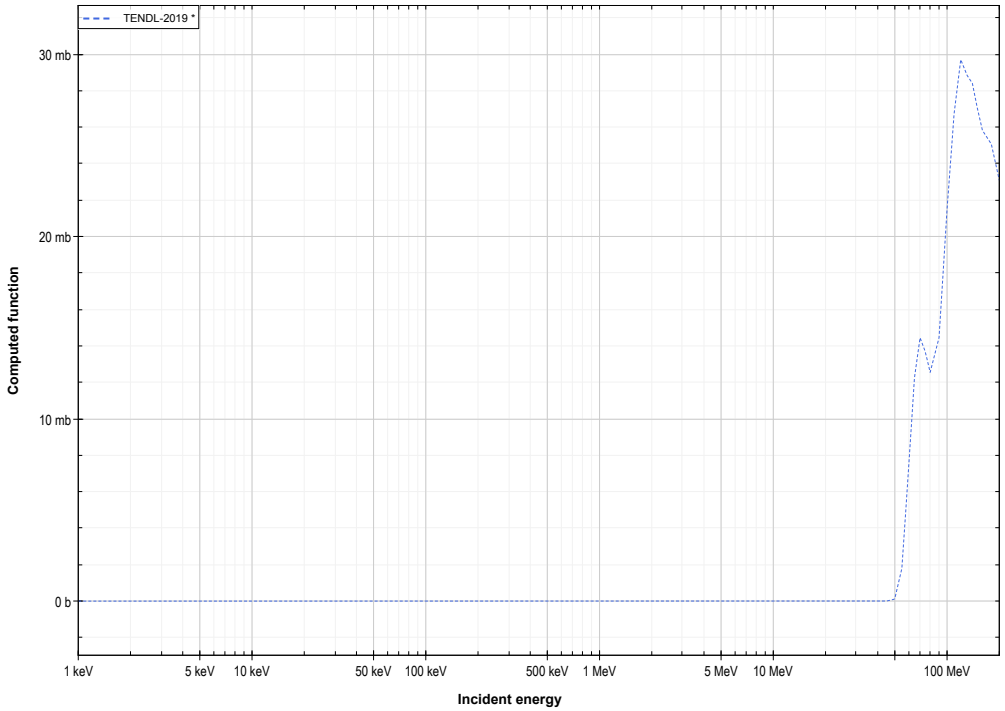
Reaction	Q-Value	Reaction	Q-Value
Nb93(p,d+α)Y88	-11185.47 keV	Nb93(p,n+p+2d)Y88	-37256.56 keV
Nb93(p,n+p+α)Y88	-13410.03 keV	Nb93(p,2n+2p+d)Y88	-39481.13 keV
Nb93(p,t+He3)Y88	-25505.86 keV	Nb93(p,3n+3p)Y88	-41705.69 keV
Nb93(p,p+d+t)Y88	-30999.33 keV		
Nb93(p,n+d+He3)Y88	-31763.09 keV		
Nb93(p,n+2p+t)Y88	-33223.90 keV		
Nb93(p,2n+p+He3)Y88	-33987.65 keV		
Nb93(p,3d)Y88	-35031.99 keV		

<< 39-Y-89	**41-Nb-93**	45-Rh-103 >>
<< MT187 (p,n+d+^{3}He)	**MT189 (p,n+t+a) or MT5 (Y86 production)**	MT194 (p,4n+2p) >>

Nb93 (p,n+t+a) or Y86 production log-log



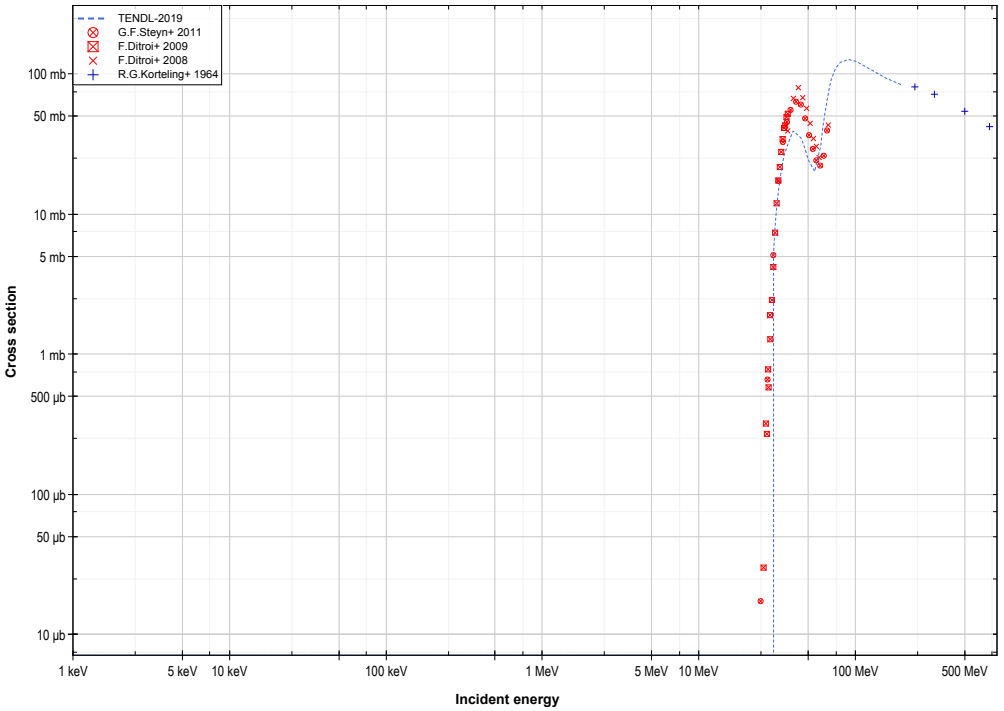
Nb93 (p,n+t+a) or Y86 production lin-log



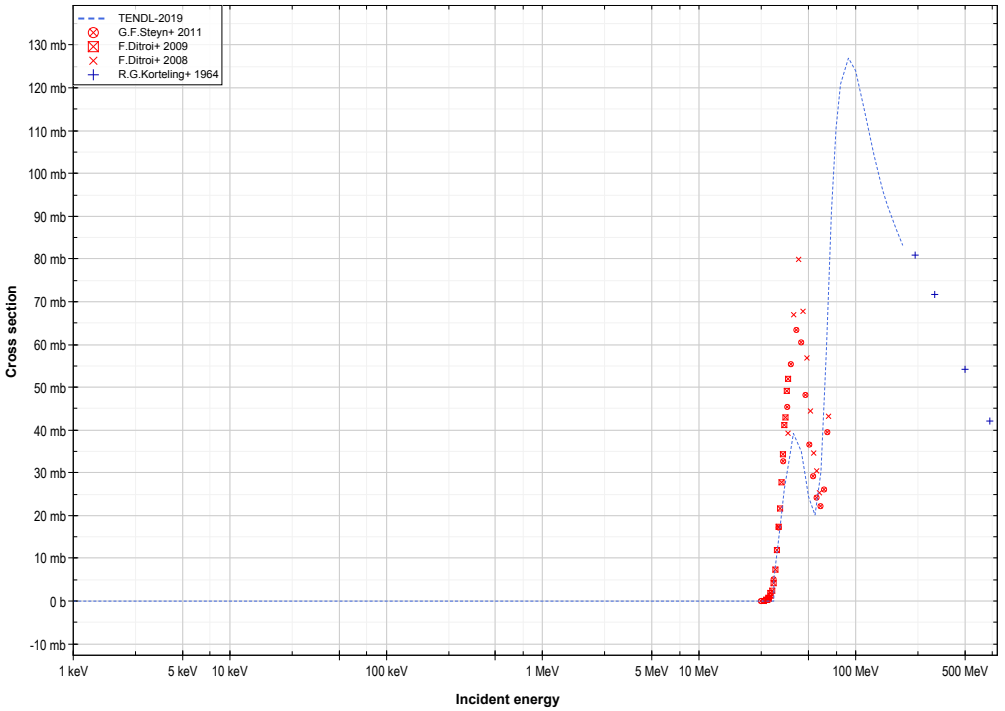
Reaction	Q-Value	Reaction	Q-Value
Nb93(p,n+t+α)Y86	-26086.87 keV	Nb93(p,3n+d+He3)Y86	-52921.72 keV
Nb93(p,2n+d+α)Y86	-32344.10 keV	Nb93(p,3n+2p+t)Y86	-54382.53 keV
Nb93(p,3n+p+α)Y86	-34568.67 keV	Nb93(p,4n+p+He3)Y86	-55146.29 keV
Nb93(p,d+2t)Y86	-43676.17 keV	Nb93(p,2n+3d)Y86	-56190.63 keV
Nb93(p,n+p+2t)Y86	-45900.74 keV	Nb93(p,3n+p+2d)Y86	-58415.19 keV
Nb93(p,2n+t+He3)Y86	-46664.49 keV	Nb93(p,4n+2p+d)Y86	-60639.76 keV
Nb93(p,n+2d+t)Y86	-49933.40 keV	Nb93(p,5n+3p)Y86	-62864.33 keV
Nb93(p,2n+p+d+t)Y86	-52157.97 keV		

<< 28-Ni-62	**41-Nb-93**	42-Mo-100 >>
<< MT189 (p,n+t+a)	**MT194 (p,4n+2p) or MT5 (Zr88 production)**	MT199 (p,3n+2p+α) >>

Nb93 (p,4n+2p) or Zr88 production log-log



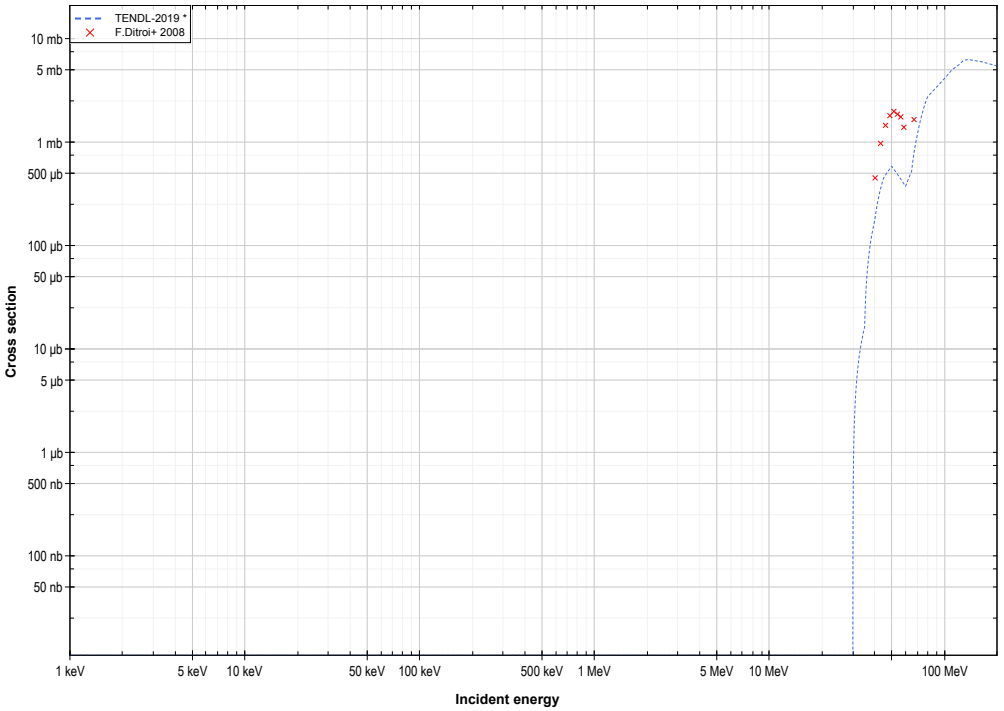
Nb93 (p,4n+2p) or Zr88 production lin-log



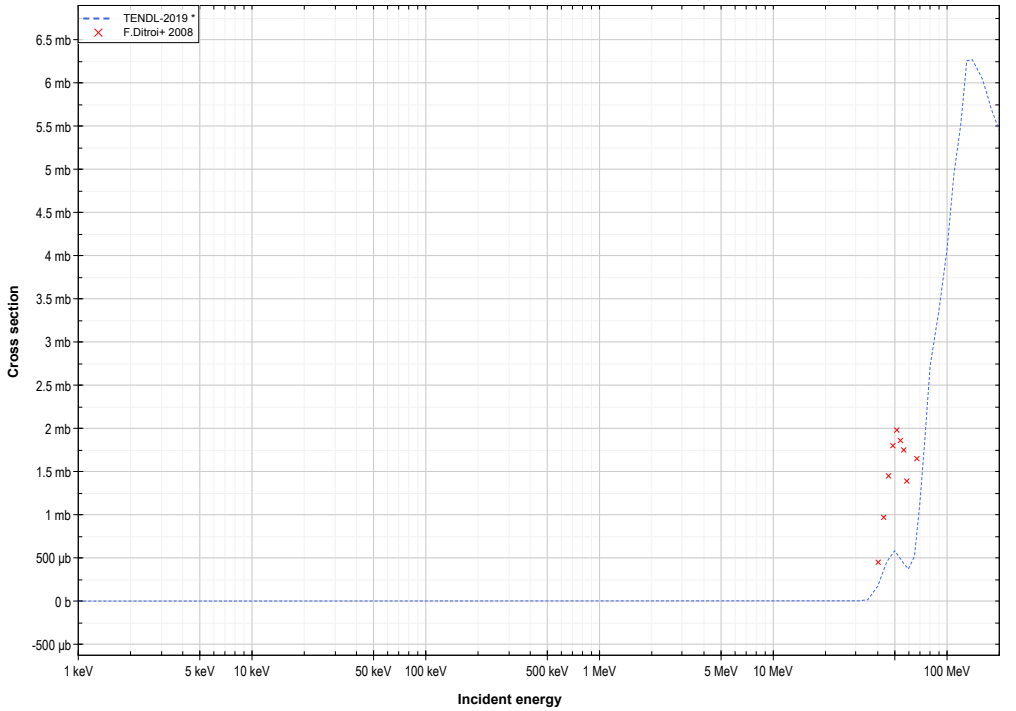
Reaction	Q-Value
Nb93(p,2n+α)Zr88	-14862.38 keV
Nb93(p,2t)Zr88	-26194.45 keV
Nb93(p,n+d+t)Zr88	-32451.68 keV
Nb93(p,2n+p+t)Zr88	-34676.24 keV
Nb93(p,3n+He3)Zr88	-35440.00 keV
Nb93(p,2n+2d)Zr88	-38708.91 keV
Nb93(p,3n+p+d)Zr88	-40933.47 keV
Nb93(p,4n+2p)Zr88	-43158.04 keV

<< 27-Co-59	**41-Nb-93**	
<< MT194 (p,4n+2p)	**MT199 (p,3n+2p+α) or MT5 (Sr85 production)**	MT200 (p,5n+2p) >>

Nb93 (p,3n+2p+α) or Sr85 production log-log



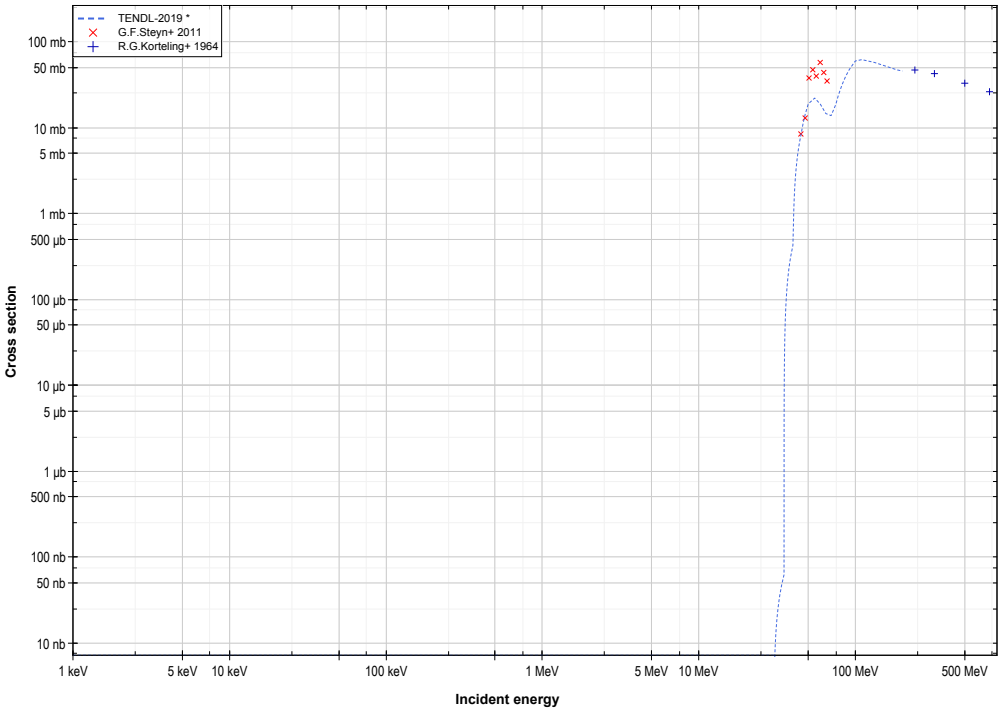
Nb93 (p,3n+2p+α) or Sr85 production lin-log



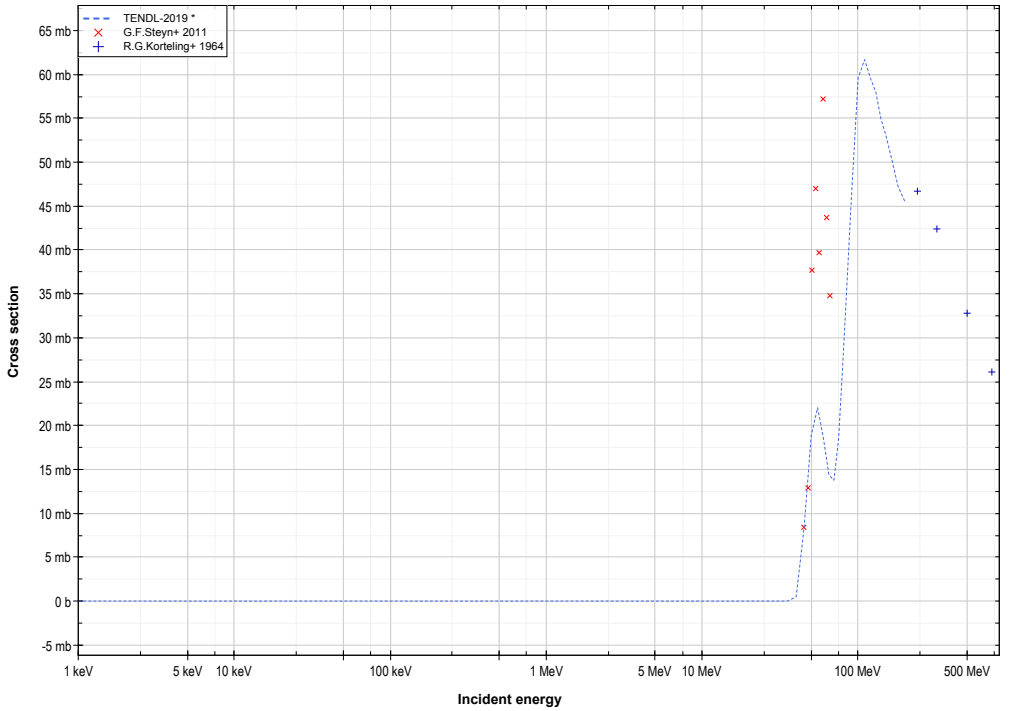
Reaction	Q-Value	Reaction	Q-Value
Nb93(p,n+2α)Sr85	-11741.68 keV	Nb93(p,p+d+2t)Sr85	-49144.84 keV
Nb93(p,d+t+α)Sr85	-29330.98 keV	Nb93(p,n+d+t+He3)Sr85	-49908.60 keV
Nb93(p,n+p+t+α)Sr85	-31555.54 keV	Nb93(p,n+2p+2t)Sr85	-51369.41 keV
Nb93(p,2n+He3+α)Sr85	-32319.30 keV	Nb93(p,2n+p+t+He3)Sr85	-52133.16 keV
Nb93(p,n+2d+α)Sr85	-35588.21 keV	Nb93(p,3n+2He3)Sr85	-52896.92 keV
Nb93(p,2n+p+d+α)Sr85	-37812.77 keV	Nb93(p,3d+t)Sr85	-53177.50 keV
Nb93(p,3n+2p+α)Sr85	-40037.34 keV	Nb93(p,n+p+2d+t)Sr85	-55402.07 keV
Nb93(p,2t+He3)Sr85	-43651.37 keV	Nb93(p,2n+2d+He3)Sr85	-56165.82 keV

<< 39-Y-89	**41-Nb-93**	45-Rh-103 >>
<< MT199 (p,3n+2p+α)	**MT200 (p,5n+2p) or MT5 (Zr87 production)**	42-Mo-92 MT22 (p,n+α) >>

Nb93 (p,5n+2p) or Zr87 production log-log



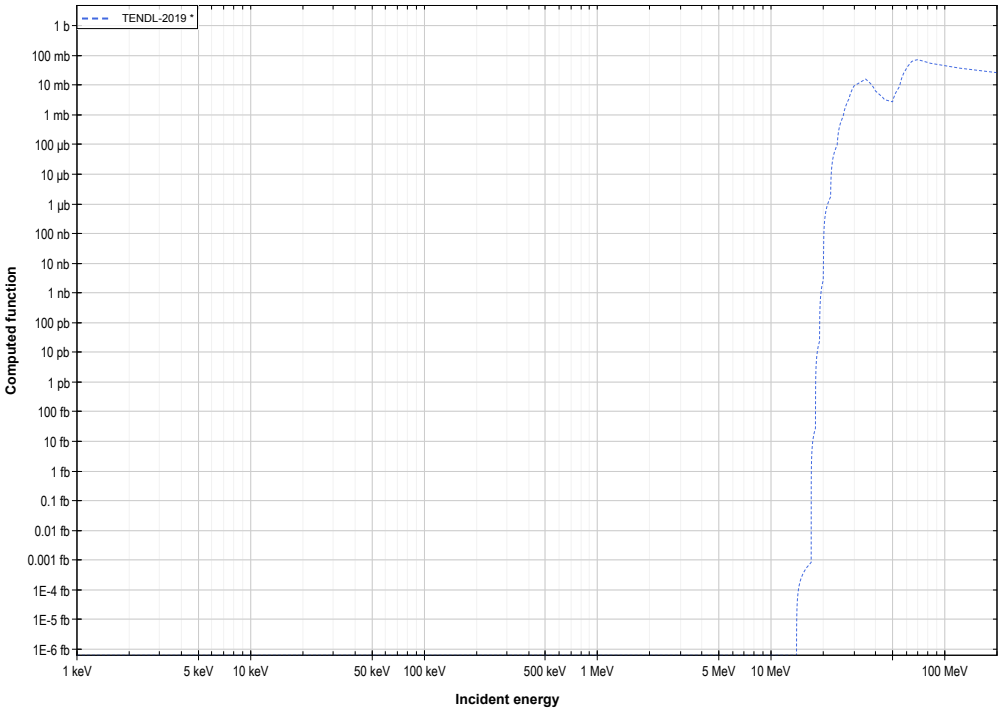
Nb93 (p,5n+2p) or Zr87 production lin-log



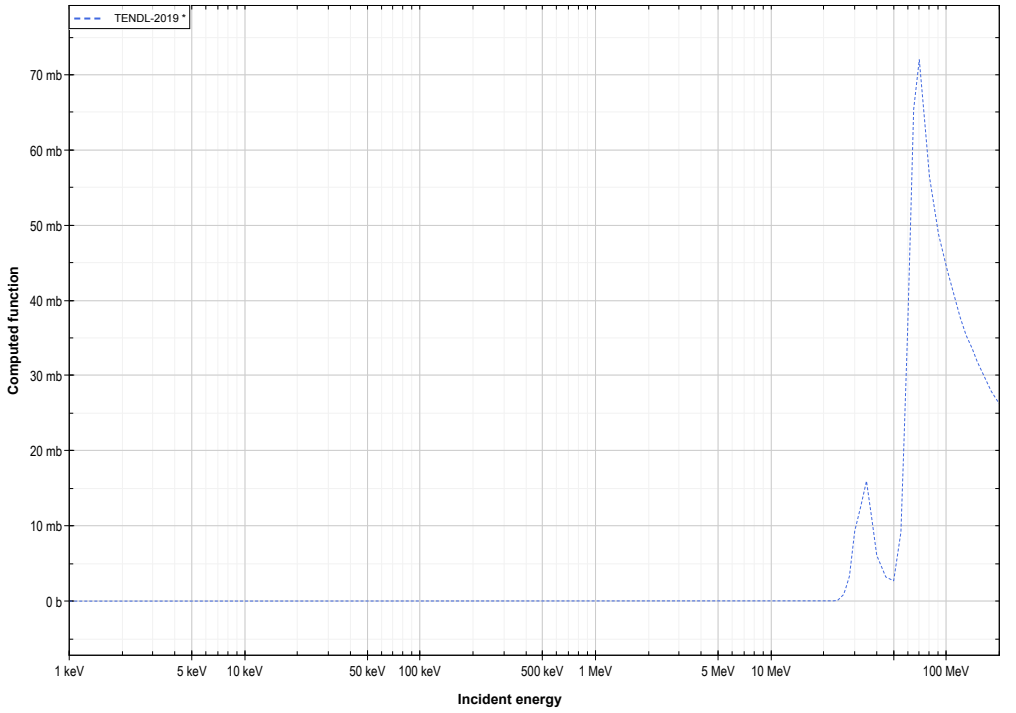
Reaction	Q-Value
Nb93(p,3n+α)Zr87	-27215.70 keV
Nb93(p,n+2t)Zr87	-38547.77 keV
Nb93(p,2n+d+t)Zr87	-44805.00 keV
Nb93(p,3n+p+t)Zr87	-47029.56 keV
Nb93(p,4n+He3)Zr87	-47793.32 keV
Nb93(p,3n+2d)Zr87	-51062.22 keV
Nb93(p,4n+p+d)Zr87	-53286.79 keV
Nb93(p,5n+2p)Zr87	-55511.36 keV

<< 41-Nb-93	**42-Mo-92**	42-Mo-94 >>
<< 41-Nb-93 MT200 (p,5n+2p)	**MT22 (p,n+α) or MT5 (Nb88 production)**	MT44 (p,n+2p) >>

Mo92 (p,n+α) or Nb88 production log-log



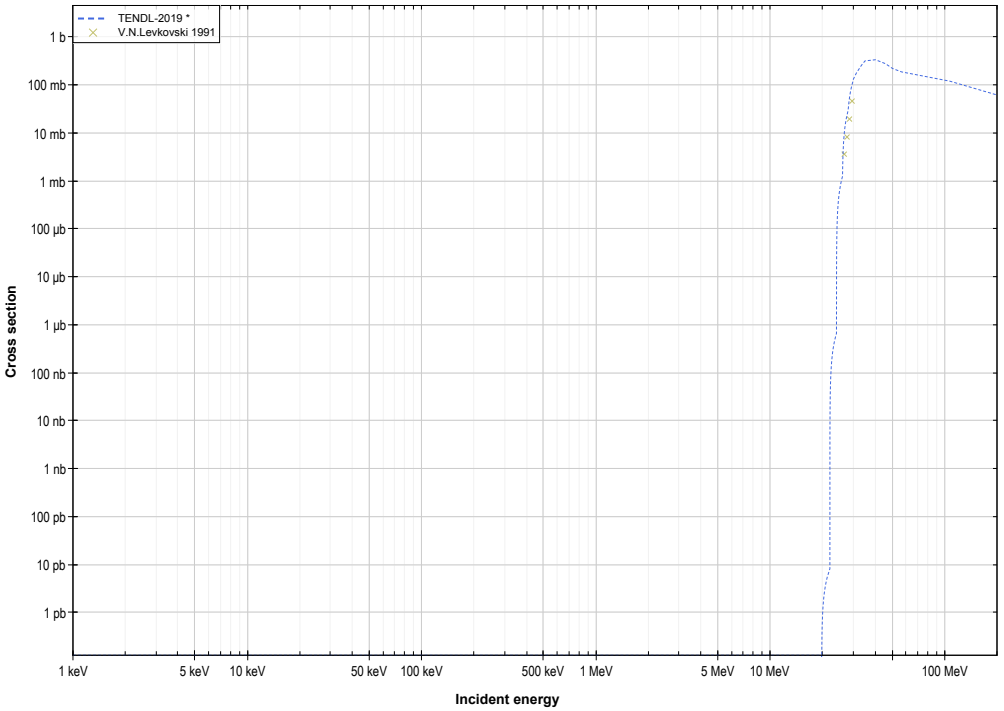
Mo92 (p,n+α) or Nb88 production lin-log



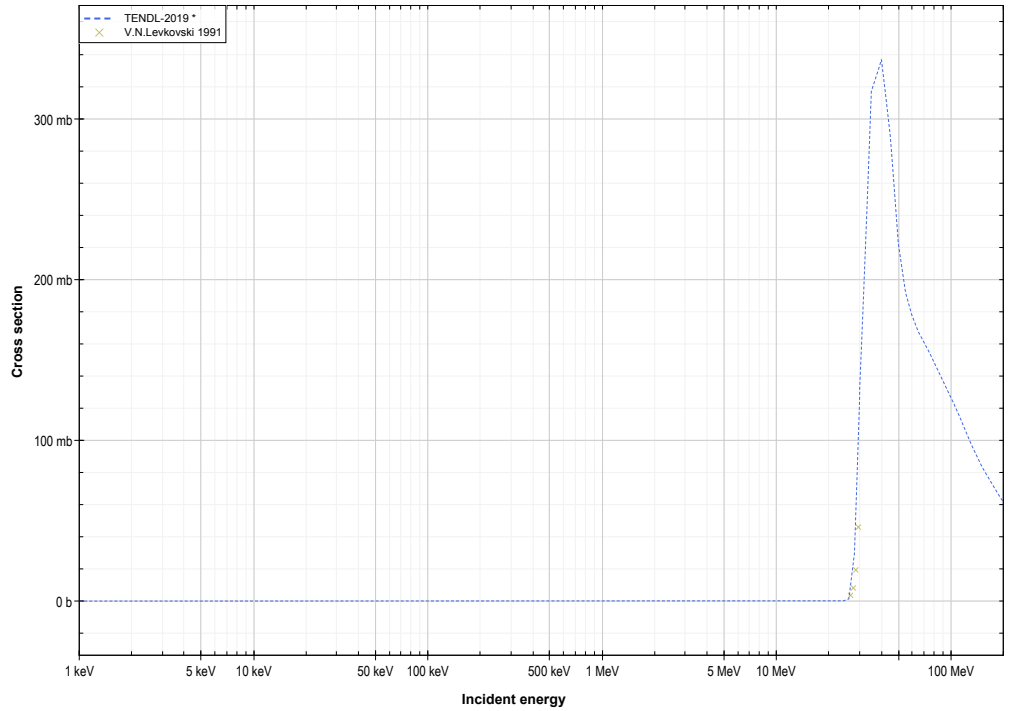
Reaction	Q-Value
Mo92(p,n+α)Nb88	-13845.84 keV
Mo92(p,d+t)Nb88	-31435.14 keV
Mo92(p,n+p+t)Nb88	-33659.71 keV
Mo92(p,2n+He3)Nb88	-34423.46 keV
Mo92(p,n+2d)Nb88	-37692.37 keV
Mo92(p,2n+p+d)Nb88	-39916.94 keV
Mo92(p,3n+2p)Nb88	-42141.50 keV

<< 38-Sr-88	**42-Mo-92**	42-Mo-98 >>
<< MT22 (p,n+α)	**MT44 (p,n+2p) or MT5 (Nb90 production)**	MT102 (p,γ) >>

Mo92 (p,n+2p) or Nb90 production log-log



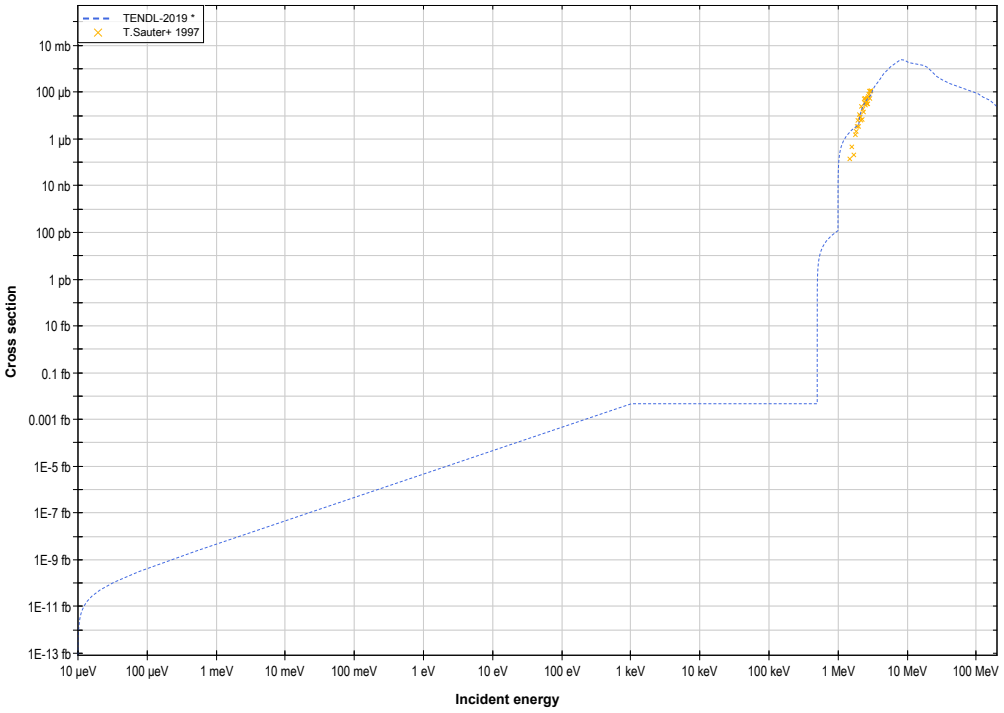
Mo92 (p,n+2p) or Nb90 production lin-log



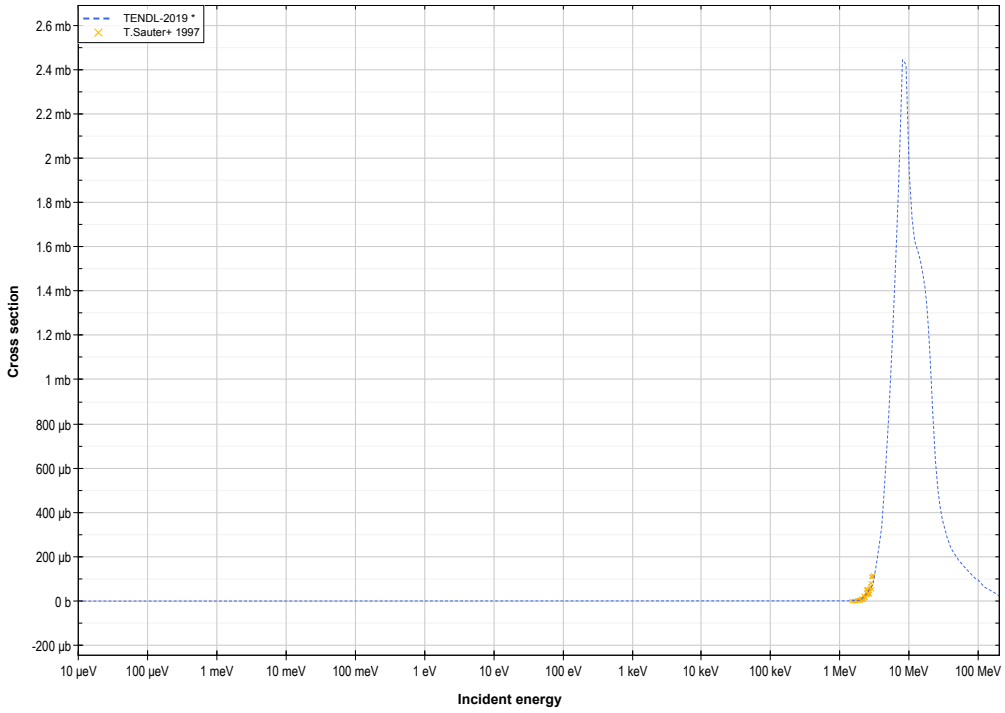
Reaction	Q-Value
Mo92(p,He3)Nb90	-11788.83 keV
Mo92(p,p+d)Nb90	-17282.30 keV
Mo92(p,n+2p)Nb90	-19506.87 keV

<< 38-Sr-87	**42-Mo-92**	42-Mo-94 >>
<< MT44 (p,n+2p)	**MT102 (p,γ) or MT5 (Tc93 production)**	MT106 (p,³He) >>

Mo92 (p,γ) or Tc93 production log-log



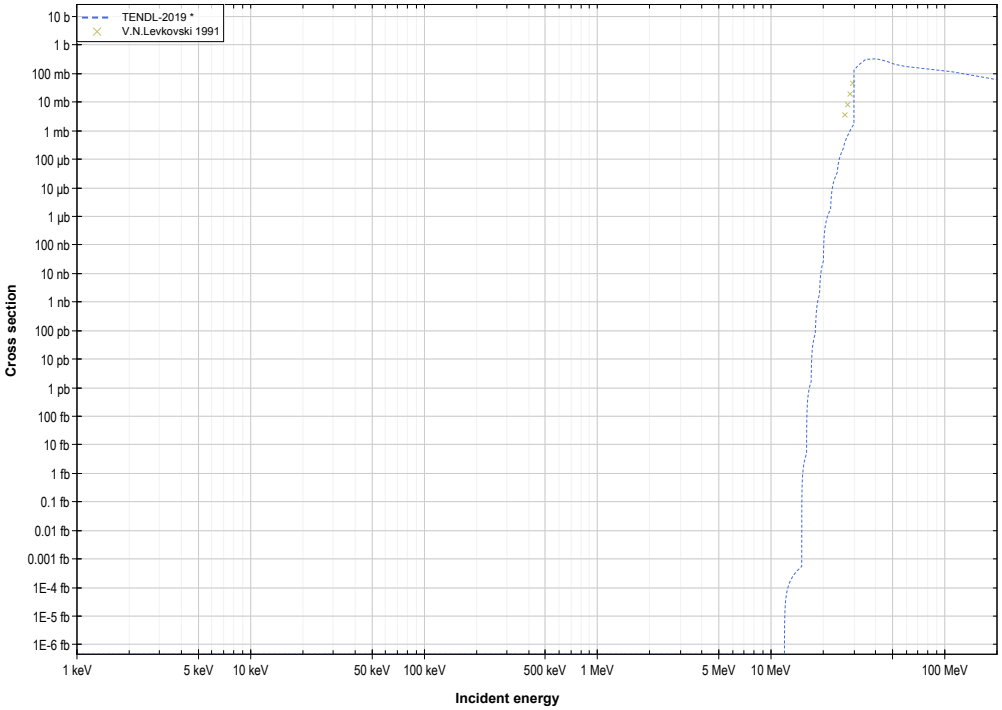
Mo92 (p,γ) or Tc93 production lin-log



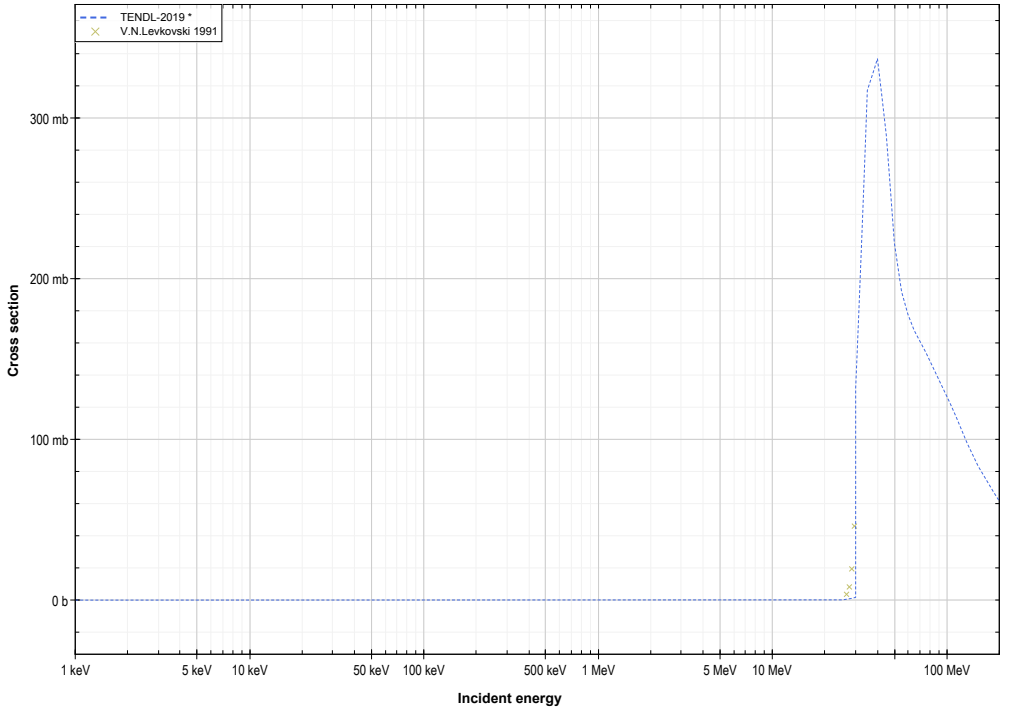
Reaction	Q-Value
Mo92(p,γ)Tc93	4086.49 keV

<< 38-Sr-88	**42-Mo-92**	42-Mo-98 >>
<< MT102 (p,γ)	**MT106 (p,³He) or MT5 (Nb90 production)**	MT107 (p,α) >>

Mo92 (p,³He) or Nb90 production log-log



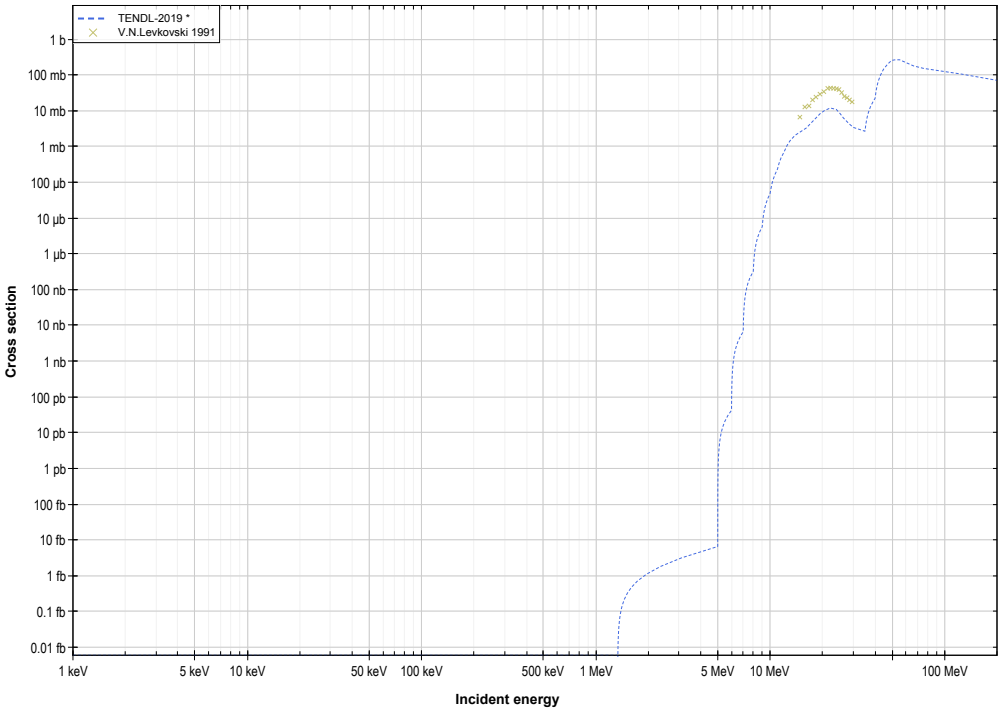
Mo92 (p,³He) or Nb90 production lin-log



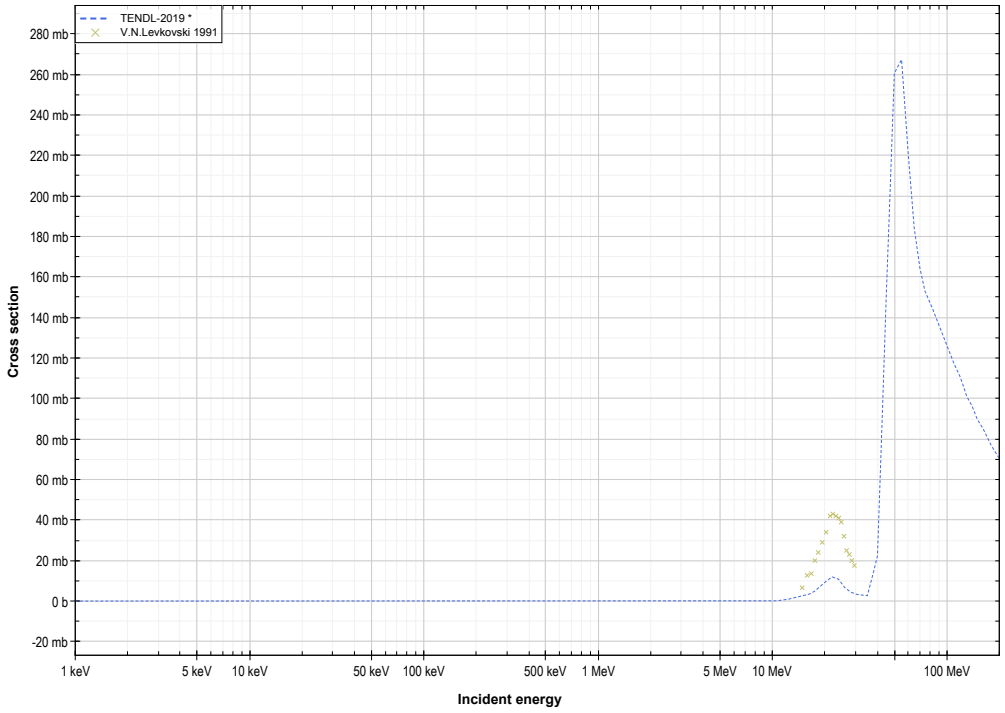
Reaction	Q-Value
Mo92(p,He3)Nb90	-11788.83 keV
Mo92(p,p+d)Nb90	-17282.30 keV
Mo92(p,n+2p)Nb90	-19506.87 keV

<< 40-Zr-94	**42-Mo-92**	42-Mo-94 >>
<< MT106 (p,³He)	**MT107 (p,α) or MT5 (Nb89 production)**	MT115 (p,p+d) >>

Mo92 (p,α) or Nb89 production log-log



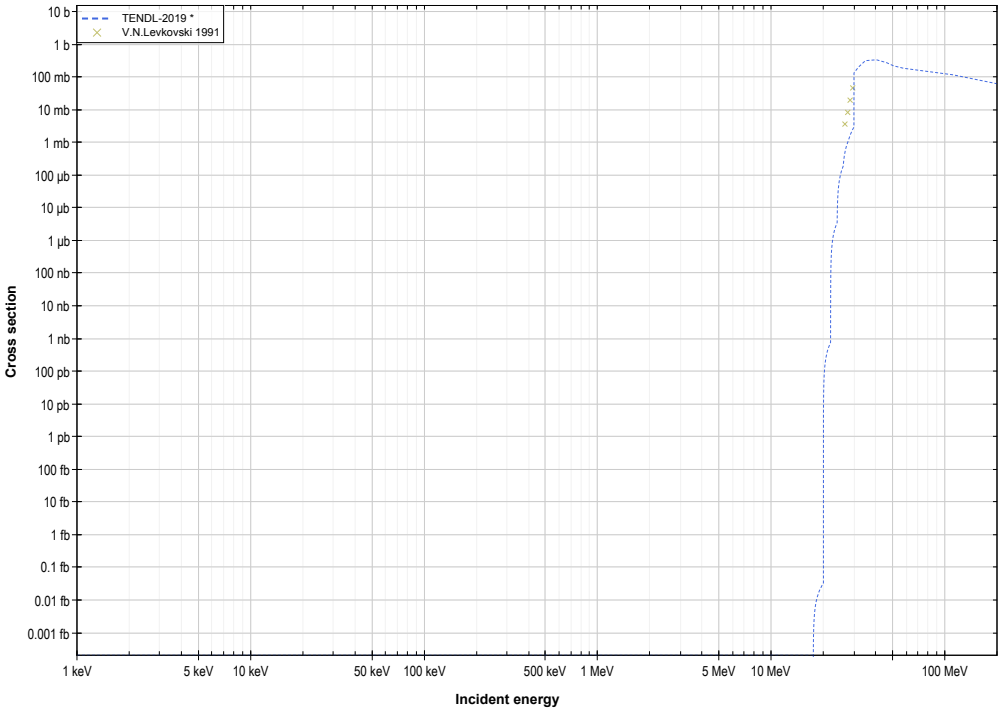
Mo92 (p,α) or Nb89 production lin-log



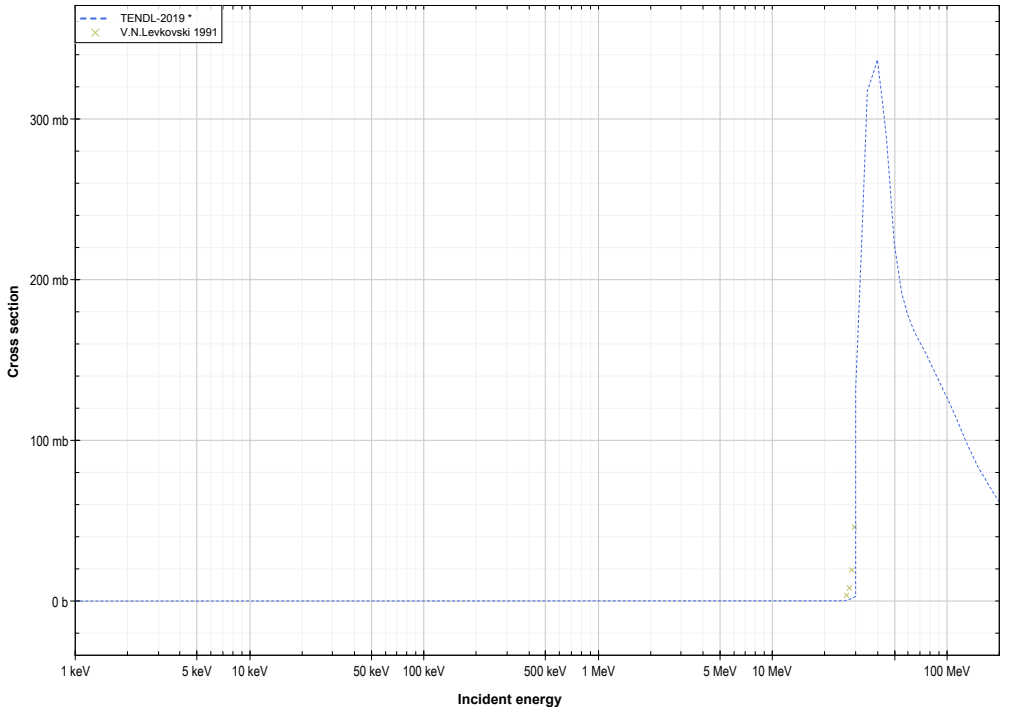
Reaction	Q-Value
Mo92(p,α)Nb89	-1319.53 keV
Mo92(p,p+t)Nb89	-21133.39 keV
Mo92(p,n+He3)Nb89	-21897.14 keV
Mo92(p,2d)Nb89	-25166.05 keV
Mo92(p,n+p+d)Nb89	-27390.62 keV
Mo92(p,2n+2p)Nb89	-29615.18 keV

<< 38-Sr-88	**42-Mo-92**	42-Mo-98 >>
<< MT107 (p,α)	**MT115 (p,p+d) or MT5 (Nb90 production)**	MT176 (p,2n+^{3}He) >>

Mo92 (p,p+d) or Nb90 production log-log



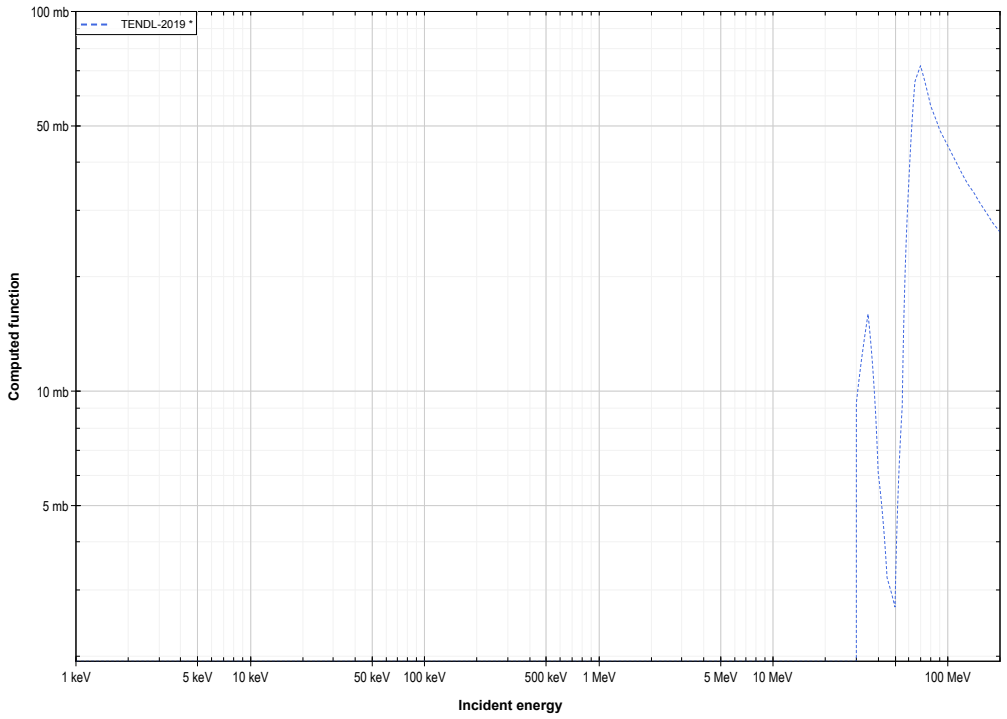
Mo92 (p,p+d) or Nb90 production lin-log



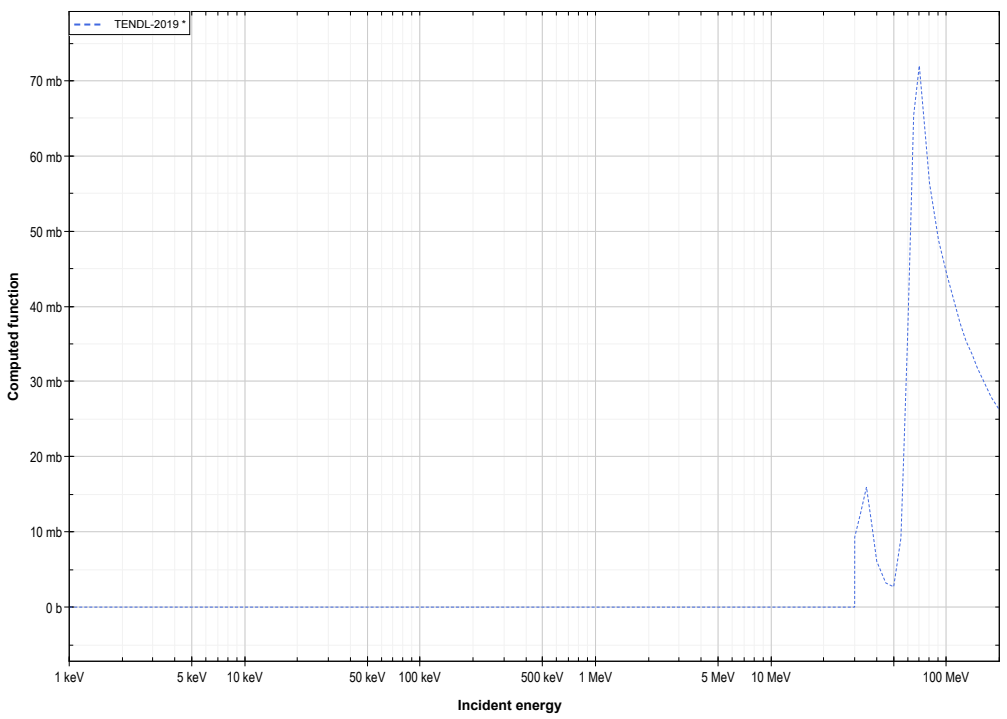
Reaction	Q-Value
Mo92(p,He3)Nb90	-11788.83 keV
Mo92(p,p+d)Nb90	-17282.30 keV
Mo92(p,n+2p)Nb90	-19506.87 keV

<< 41-Nb-93	**42-Mo-92**	42-Mo-94 >>
<< MT115 (p,p+d)	**MT176 (p,2n+^{3}He) or MT5 (Nb88 production)**	MT179 (p,3n+2p) >>

Mo92 (p,2n+^{3}He) or Nb88 production log-log



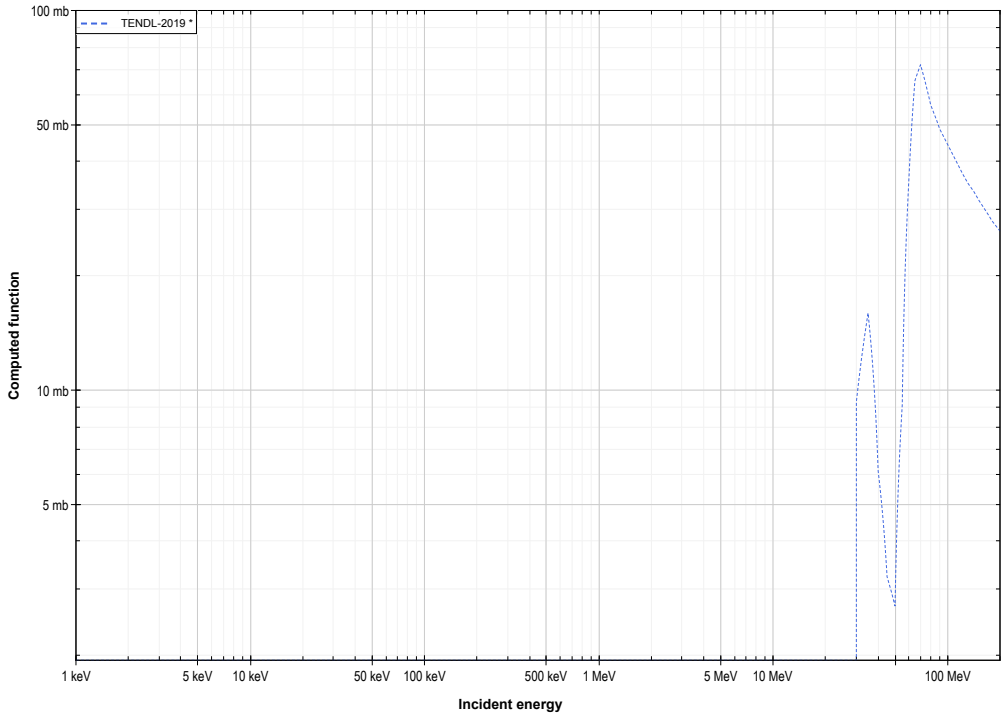
Mo92 (p,2n+^{3}He) or Nb88 production lin-log



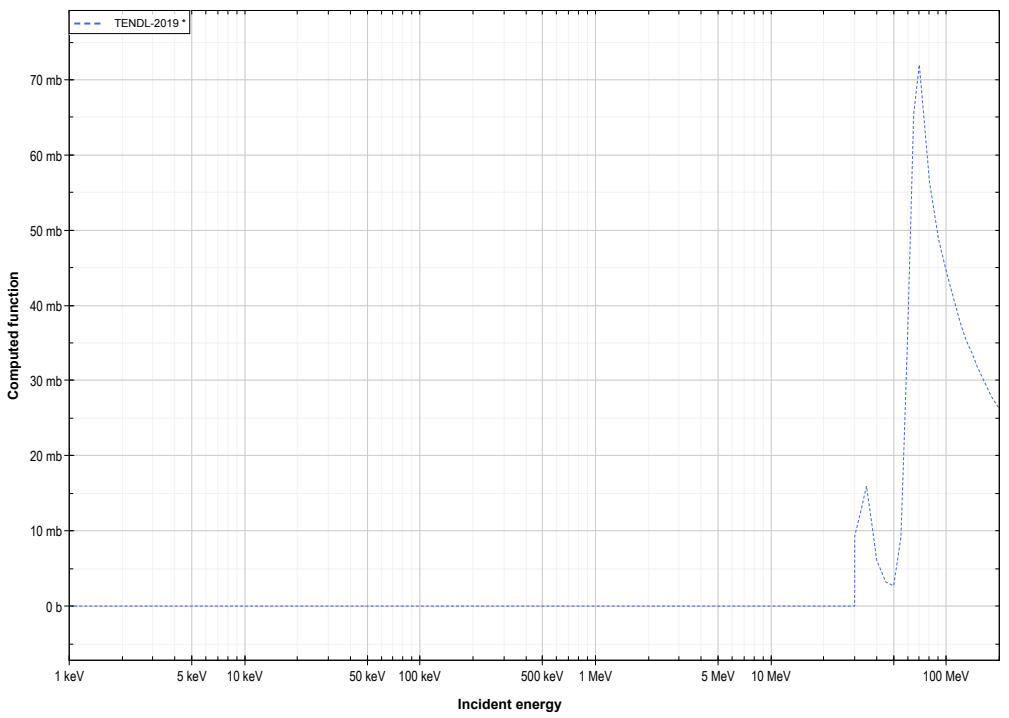
Reaction	Q-Value
Mo92(p,n+α)Nb88	-13845.84 keV
Mo92(p,d+t)Nb88	-31435.14 keV
Mo92(p,n+p+t)Nb88	-33659.71 keV
Mo92(p,2n+He3)Nb88	-34423.46 keV
Mo92(p,n+2d)Nb88	-37692.37 keV
Mo92(p,2n+p+d)Nb88	-39916.94 keV
Mo92(p,3n+2p)Nb88	-42141.50 keV

<< 41-Nb-93	**42-Mo-92**	42-Mo-94 >>
<< MT176 (p,2n+^{3}He)	**MT179 (p,3n+2p) or MT5 (Nb88 production)**	MT182 (p,d+t) >>

Mo92 (p,3n+2p) or Nb88 production log-log



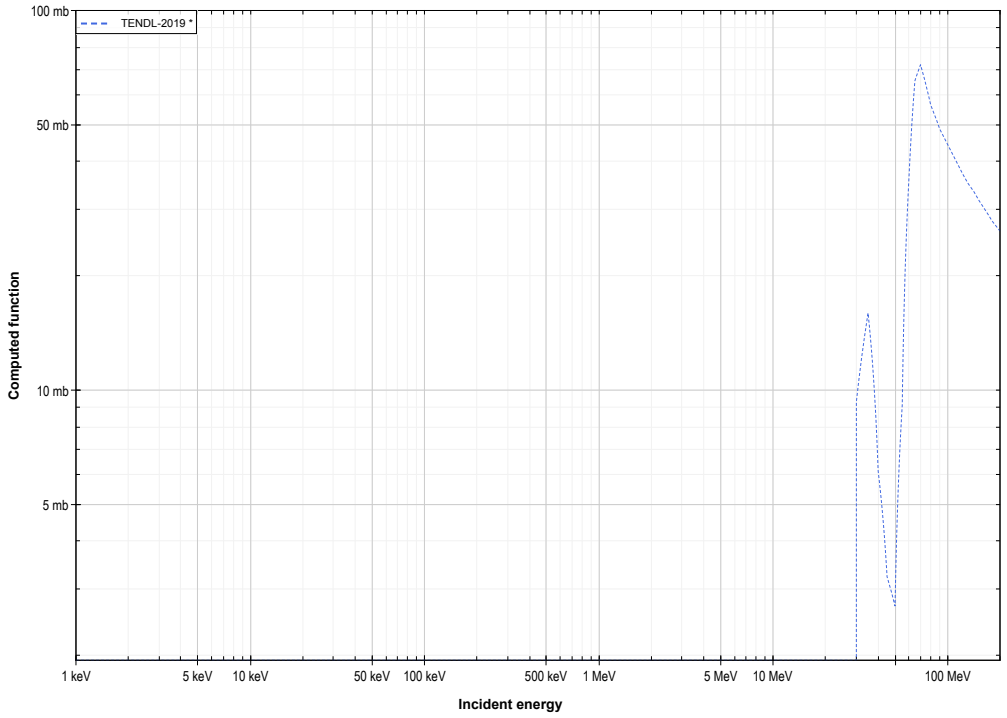
Mo92 (p,3n+2p) or Nb88 production lin-log



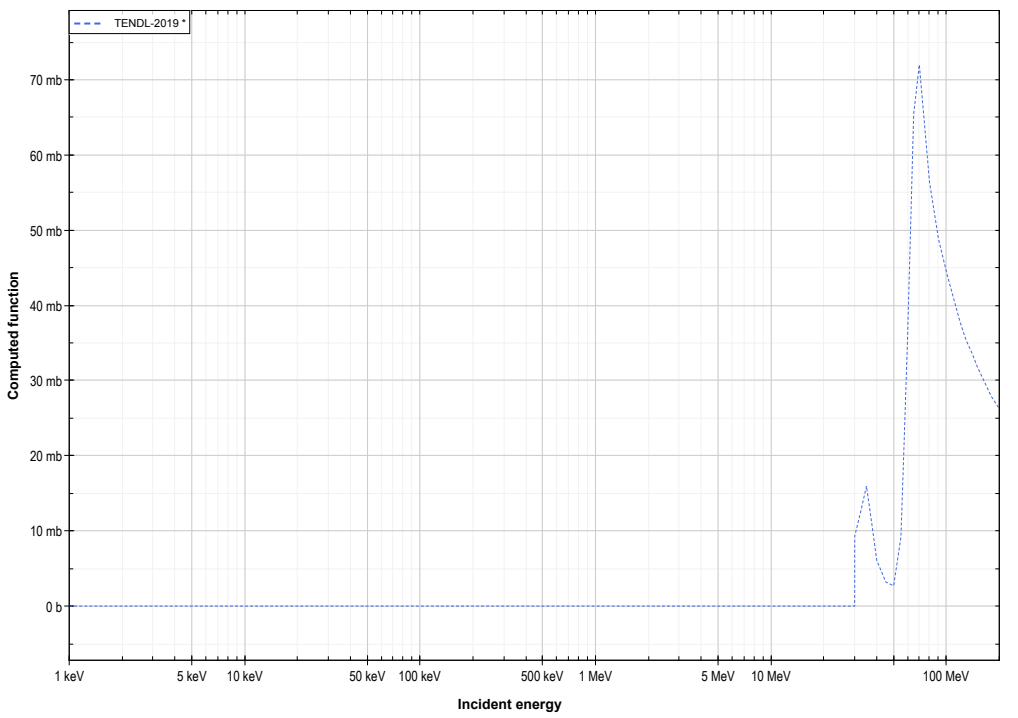
Reaction	Q-Value
Mo92(p,n+α)Nb88	-13845.84 keV
Mo92(p,d+t)Nb88	-31435.14 keV
Mo92(p,n+p+t)Nb88	-33659.71 keV
Mo92(p,2n+He3)Nb88	-34423.46 keV
Mo92(p,n+2d)Nb88	-37692.37 keV
Mo92(p,2n+p+d)Nb88	-39916.94 keV
Mo92(p,3n+2p)Nb88	-42141.50 keV

<< 41-Nb-93	**42-Mo-92**	42-Mo-94 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Nb88 production)**	MT184 (p,n+p+t) >>

Mo92 (p,d+t) or Nb88 production log-log



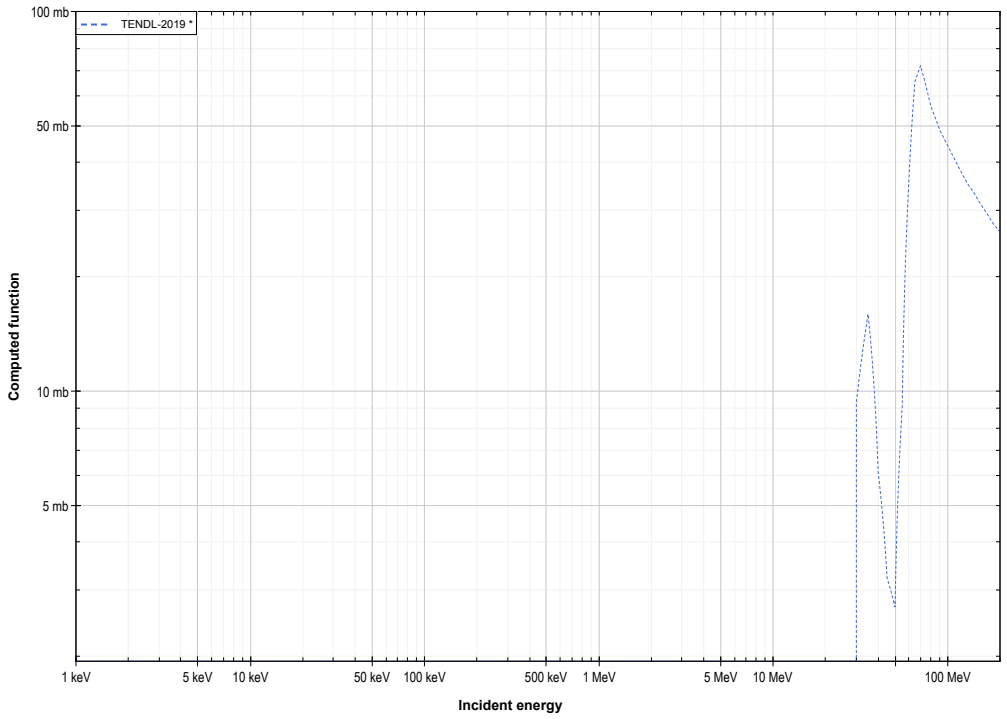
Mo92 (p,d+t) or Nb88 production lin-log



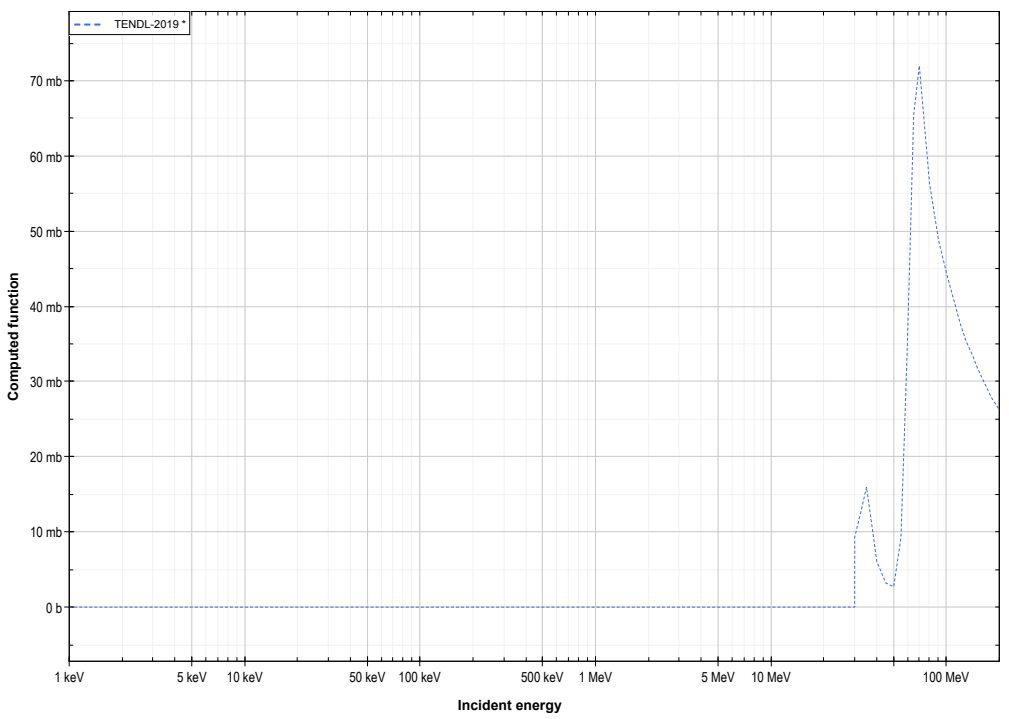
Reaction	Q-Value
Mo92(p,n+α)Nb88	-13845.84 keV
Mo92(p,d+t)Nb88	-31435.14 keV
Mo92(p,n+p+t)Nb88	-33659.71 keV
Mo92(p,2n+He3)Nb88	-34423.46 keV
Mo92(p,n+2d)Nb88	-37692.37 keV
Mo92(p,2n+p+d)Nb88	-39916.94 keV
Mo92(p,3n+2p)Nb88	-42141.50 keV

<< 41-Nb-93	**42-Mo-92**	42-Mo-94 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Nb88 production)**	42-Mo-94 MT4 (p,n) >>

Mo92 (p,n+p+t) or Nb88 production log-log



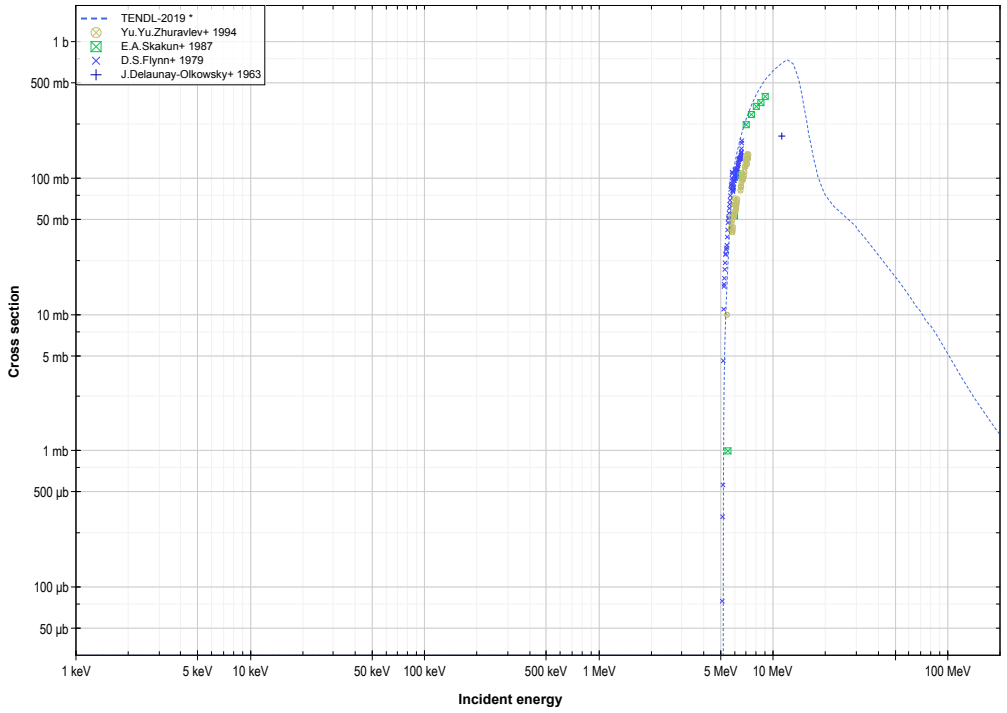
Mo92 (p,n+p+t) or Nb88 production lin-log



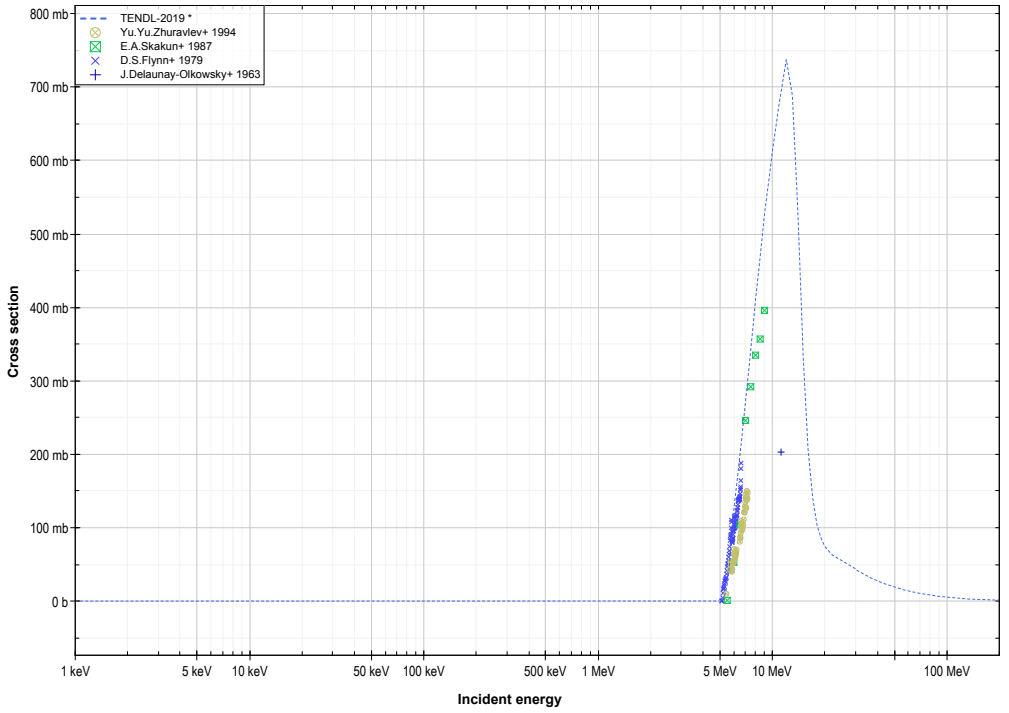
Reaction	Q-Value
Mo92(p,n+α)Nb88	-13845.84 keV
Mo92(p,d+t)Nb88	-31435.14 keV
Mo92(p,n+p+t)Nb88	-33659.71 keV
Mo92(p,2n+He3)Nb88	-34423.46 keV
Mo92(p,n+2d)Nb88	-37692.37 keV
Mo92(p,2n+p+d)Nb88	-39916.94 keV
Mo92(p,3n+2p)Nb88	-42141.50 keV

<< 41-Nb-93	**42-Mo-94**	42-Mo-95 >>
<< 42-Mo-92 MT184 (p,n+p+t)	**MT4 (p,n) or MT5 (Tc94 production)**	MT16 (p,2n) >>

Mo94 (p,n) or Tc94 production log-log



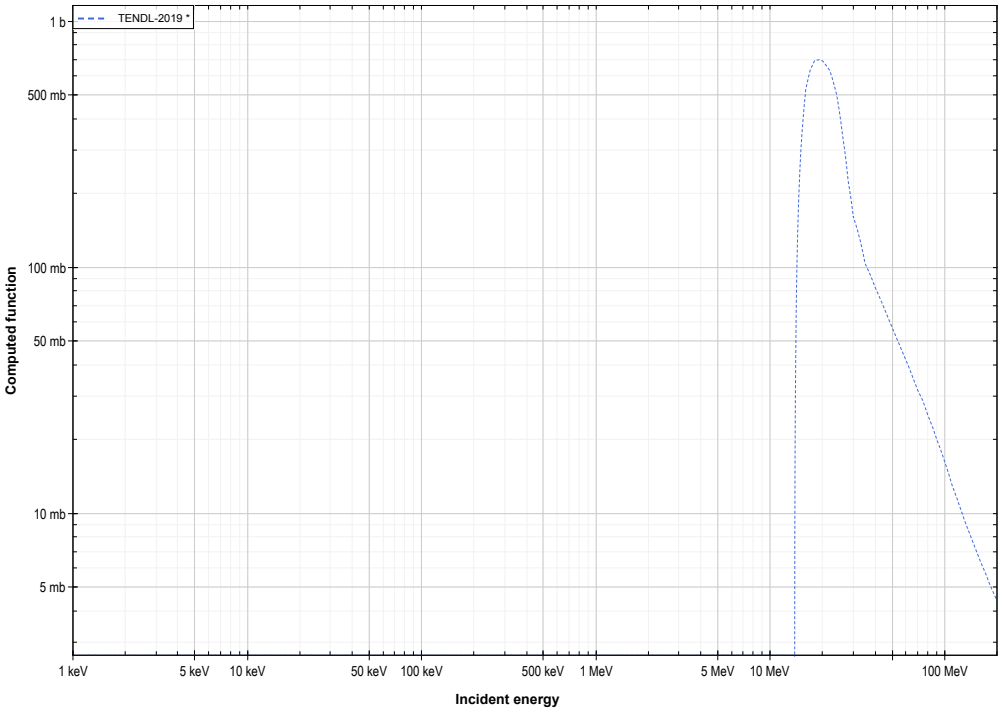
Mo94 (p,n) or Tc94 production lin-log



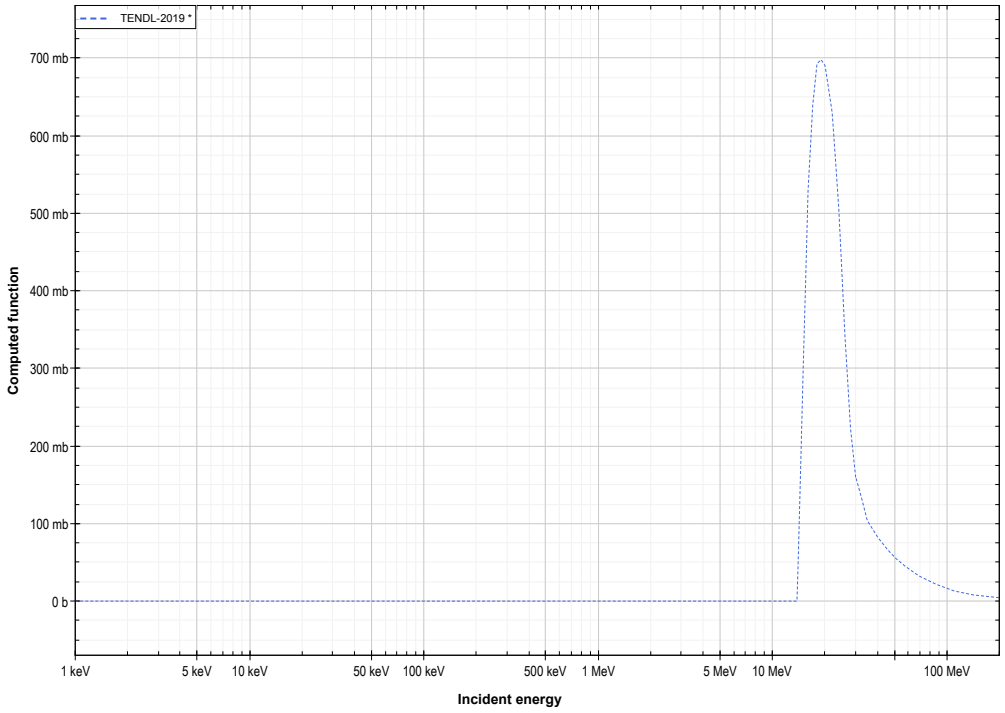
Reaction	Q-Value
Mo94(p,n)Tc94	-5038.41 keV

<< 40-Zr-96	**42-Mo-94**	42-Mo-95 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Tc93 production)**	MT22 (p,n+α) >>

Mo94 (p,2n) or Tc93 production log-log



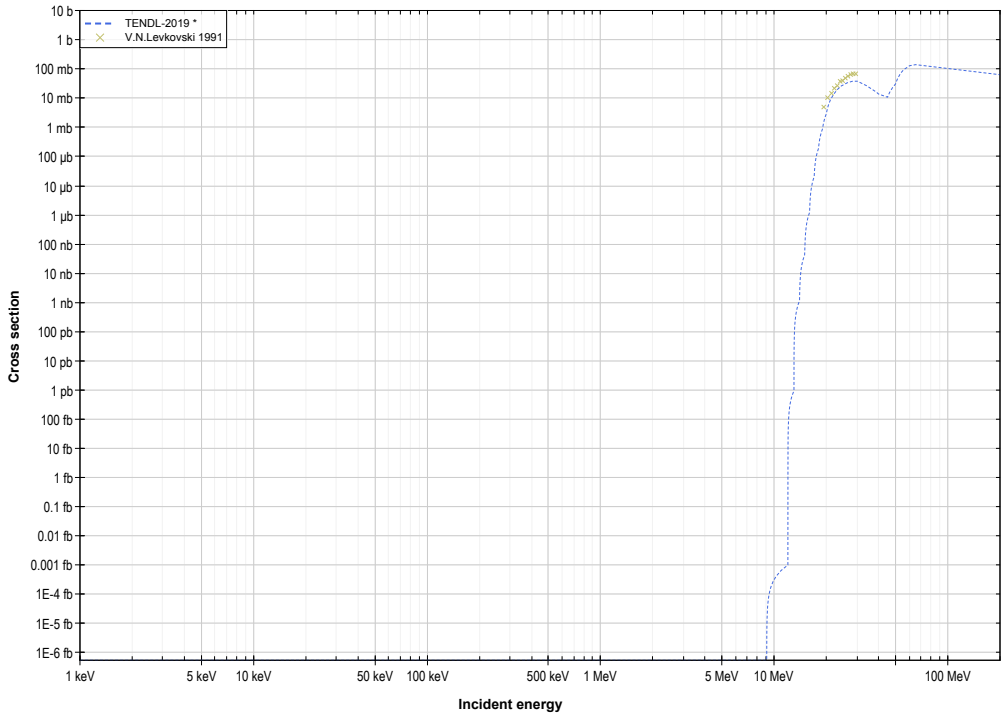
Mo94 (p,2n) or Tc93 production lin-log



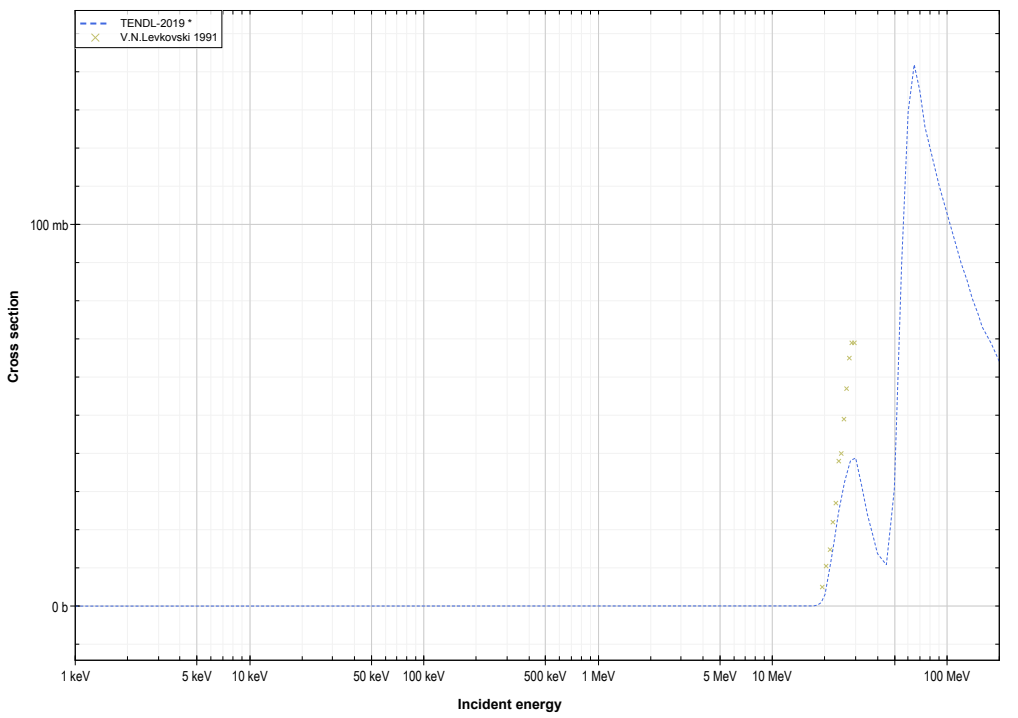
Reaction	Q-Value
Mo94(p,2n)Tc93	-13661.62 keV

<< 42-Mo-92	**42-Mo-94**	42-Mo-100 >>
<< MT16 (p,2n)	**MT22 (p,n+α) or MT5 (Nb90 production)**	MT28 (p,n+p) >>

Mo94 (p,n+α) or Nb90 production log-log



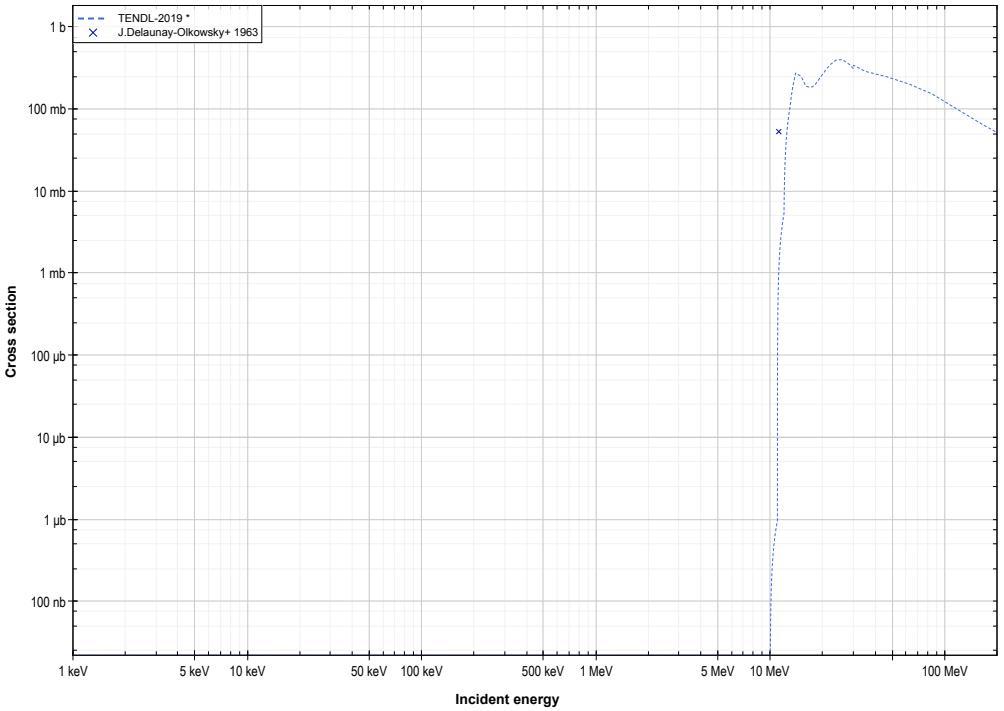
Mo94 (p,n+α) or Nb90 production lin-log



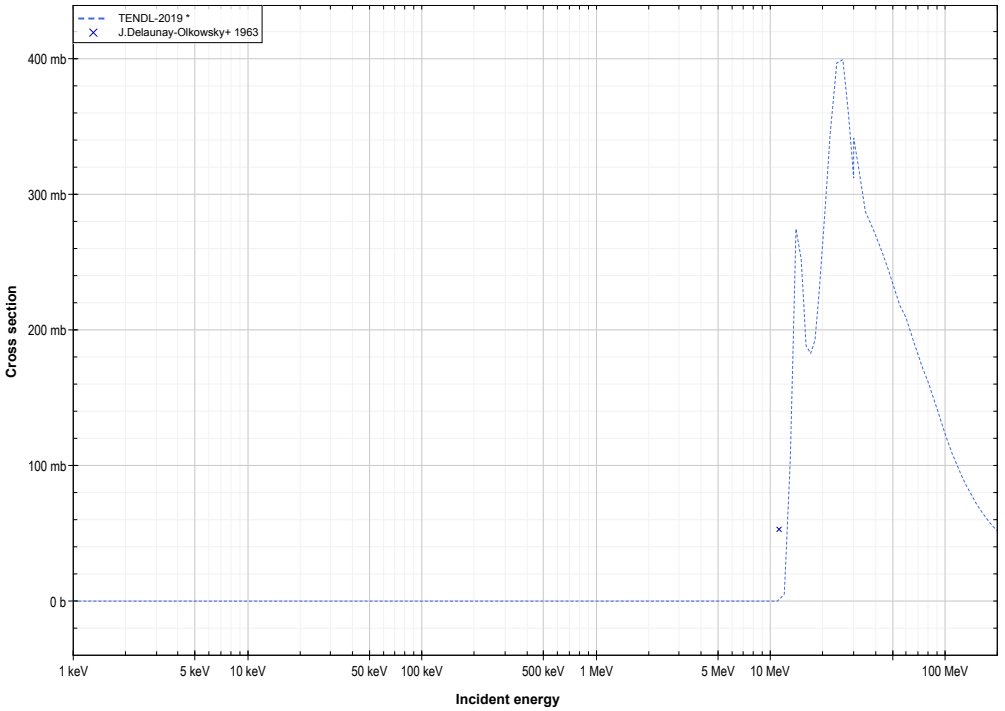
Reaction	Q-Value
Mo94(p,n+α)Nb90	-8959.32 keV
Mo94(p,d+t)Nb90	-26548.62 keV
Mo94(p,n+p+t)Nb90	-28773.19 keV
Mo94(p,2n+He3)Nb90	-29536.94 keV
Mo94(p,n+2d)Nb90	-32805.85 keV
Mo94(p,2n+p+d)Nb90	-35030.42 keV
Mo94(p,3n+2p)Nb90	-37254.98 keV

<< 41-Nb-93	**42-Mo-94**	42-Mo-100 >>
<< MT22 (p,n+α)	**MT28 (p,n+p) or MT5 (Mo93 production)**	MT102 (p,γ) >>

Mo94 (p,n+p) or Mo93 production log-log



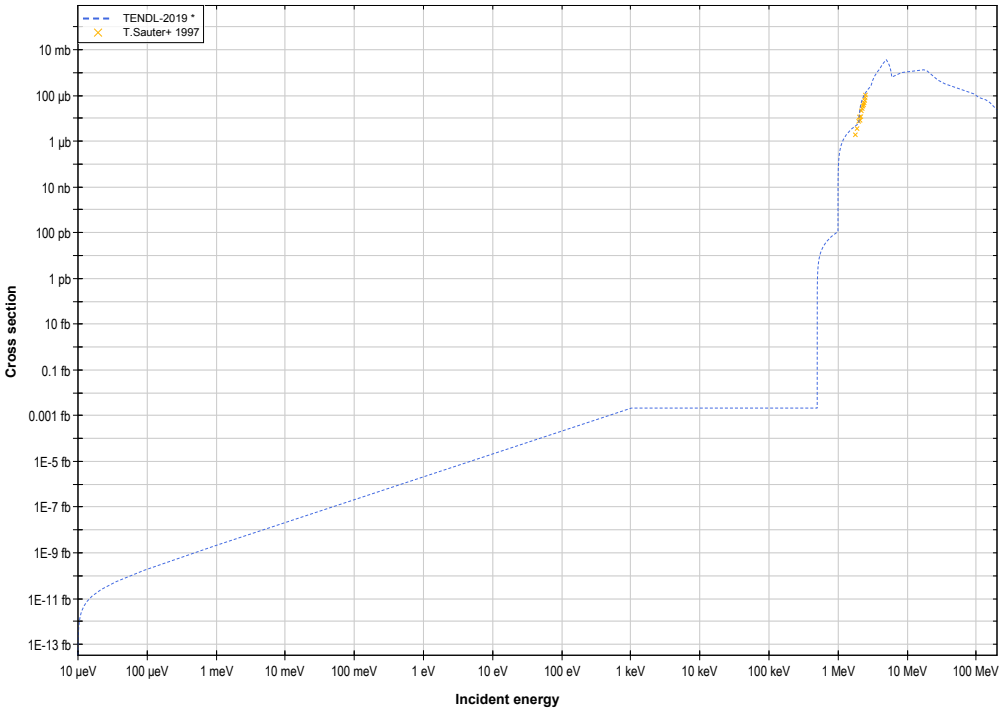
Mo94 (p,n+p) or Mo93 production lin-log



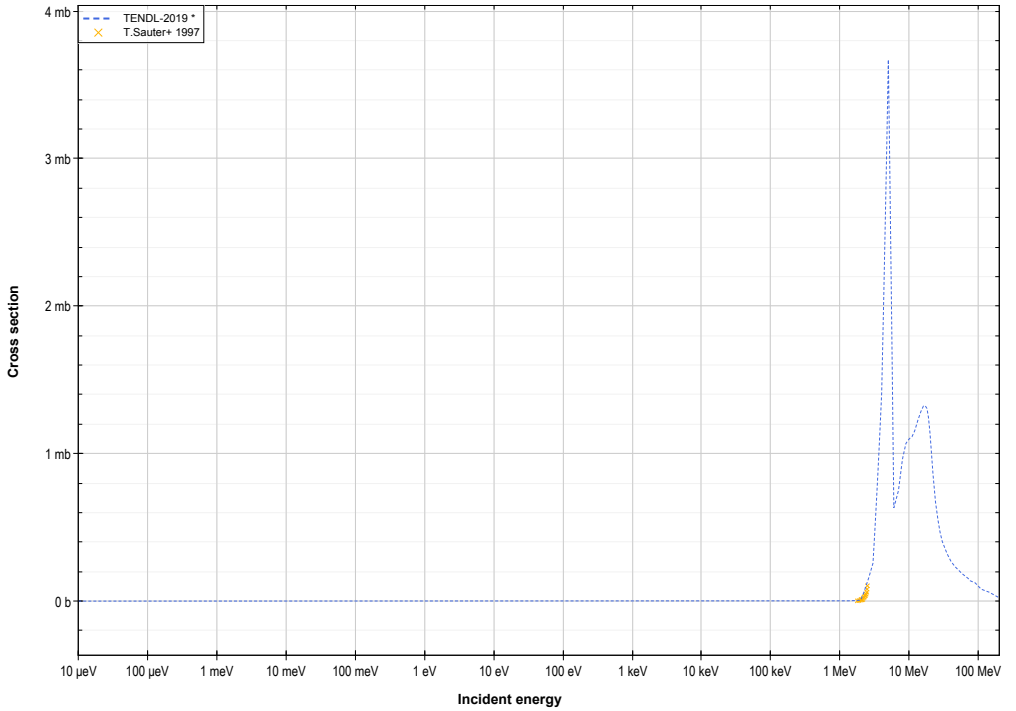
Reaction	Q-Value
Mo94(p,d)Mo93	-7453.74 keV
Mo94(p,n+p)Mo93	-9678.31 keV

<< 42-Mo-92	**42-Mo-94**	42-Mo-98 >>
<< MT28 (p,n+p)	**MT102 (p,γ) or MT5 (Tc95 production)**	MT104 (p,d) >>

Mo94 (p,γ) or Tc95 production log-log



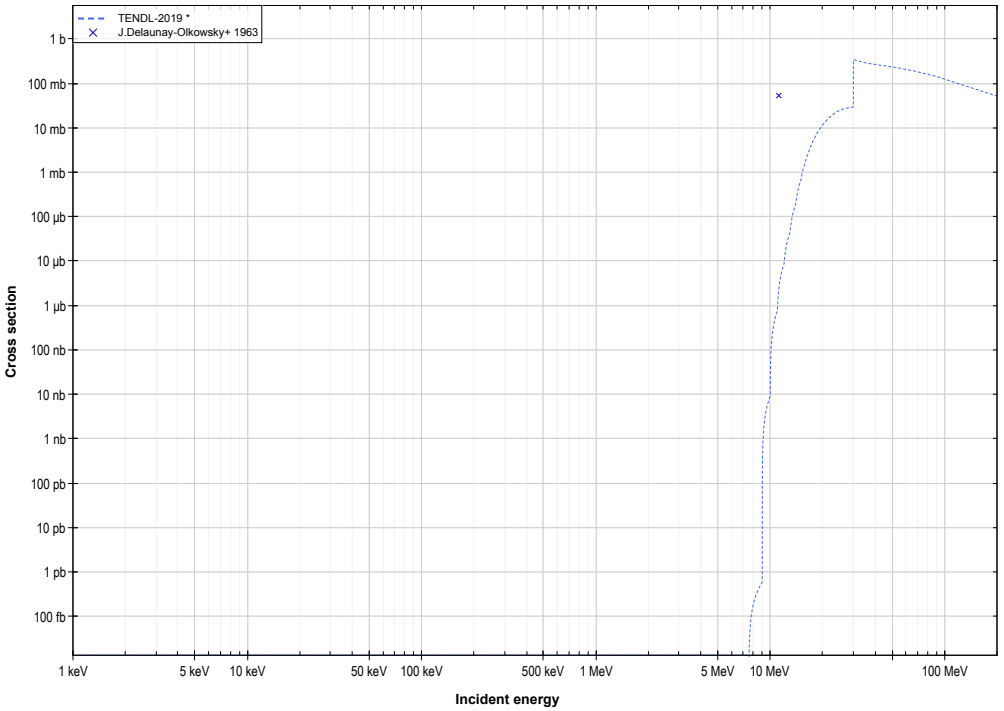
Mo94 (p,γ) or Tc95 production lin-log



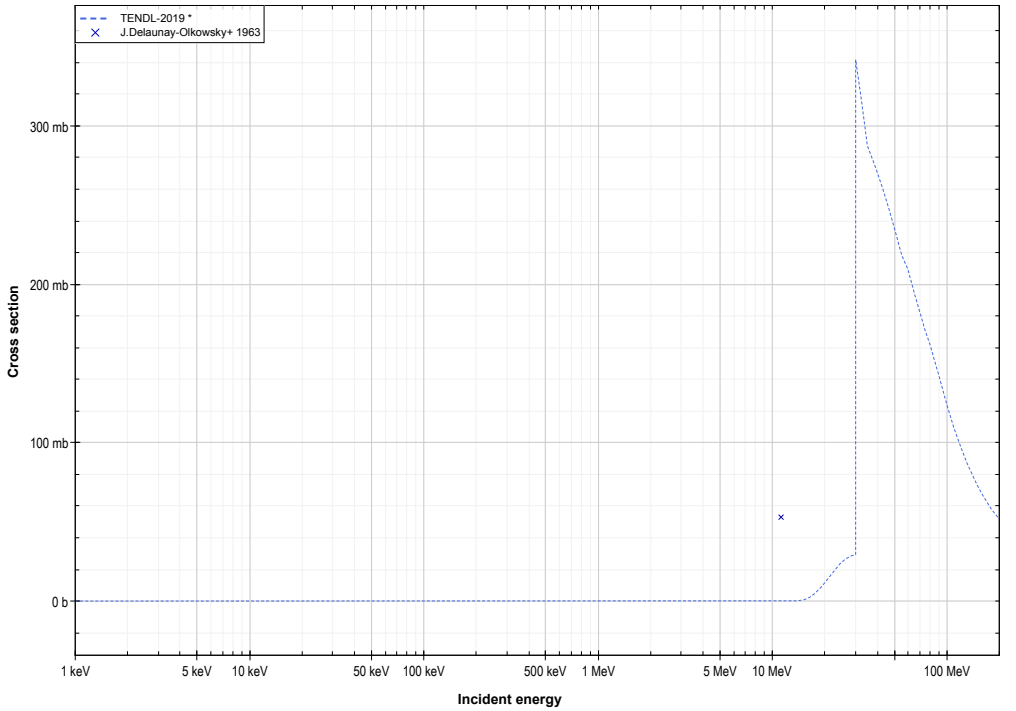
Reaction	Q-Value
Mo94(p,γ)Tc95	4895.91 keV

<< 40-Zr-96	**42-Mo-94**	42-Mo-100 >>
<< MT102 (p,γ)	**MT104 (p,d) or MT5 (Mo93 production)**	MT107 (p,α) >>

Mo94 (p,d) or Mo93 production log-log



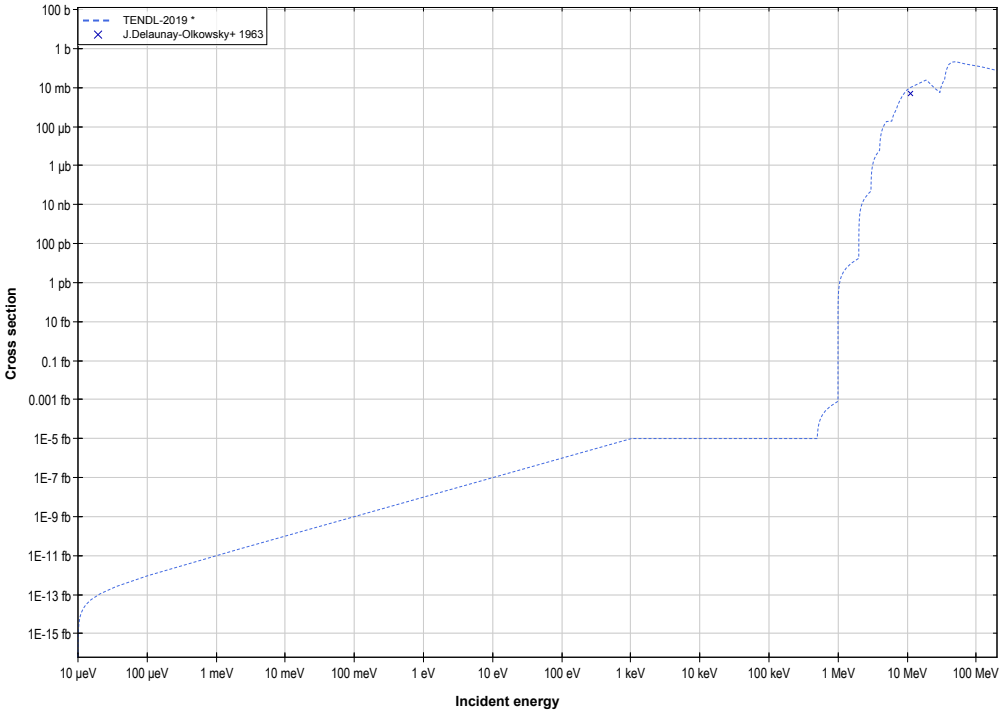
Mo94 (p,d) or Mo93 production lin-log



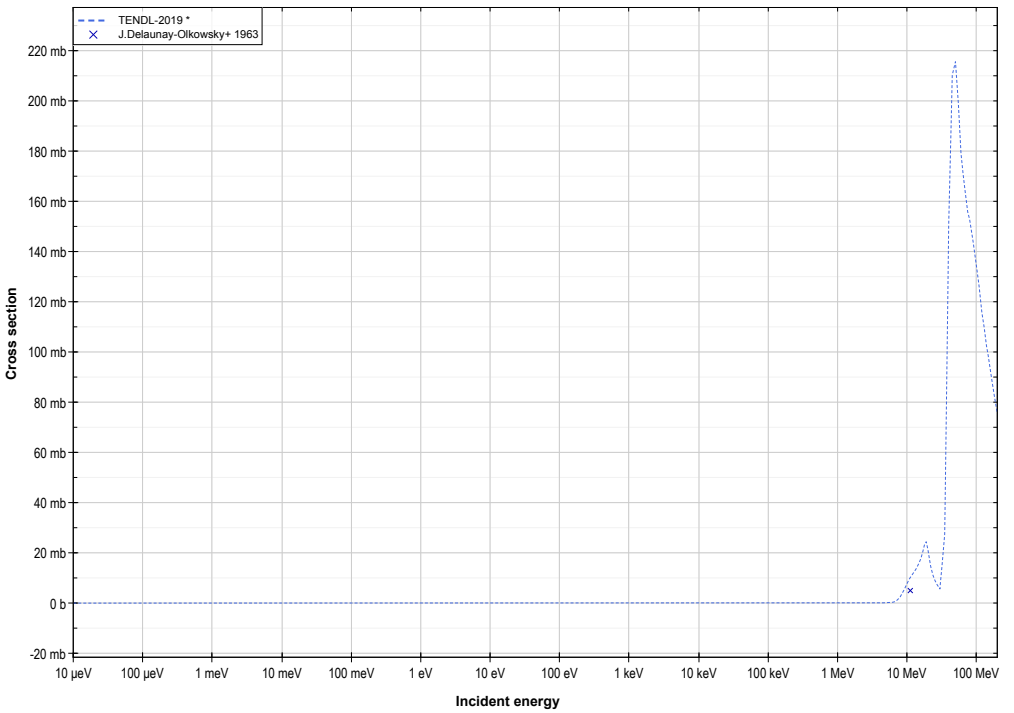
Reaction	Q-Value
Mo94(p,d)Mo93	-7453.74 keV
Mo94(p,n+p)Mo93	-9678.31 keV

<< 42-Mo-92	**42-Mo-94**	42-Mo-95 >>
<< MT104 (p,d)	**MT107 (p,α) or MT5 (Nb91 production)**	MT176 (p,2n+³He) >>

Mo94 (p,α) or Nb91 production log-log



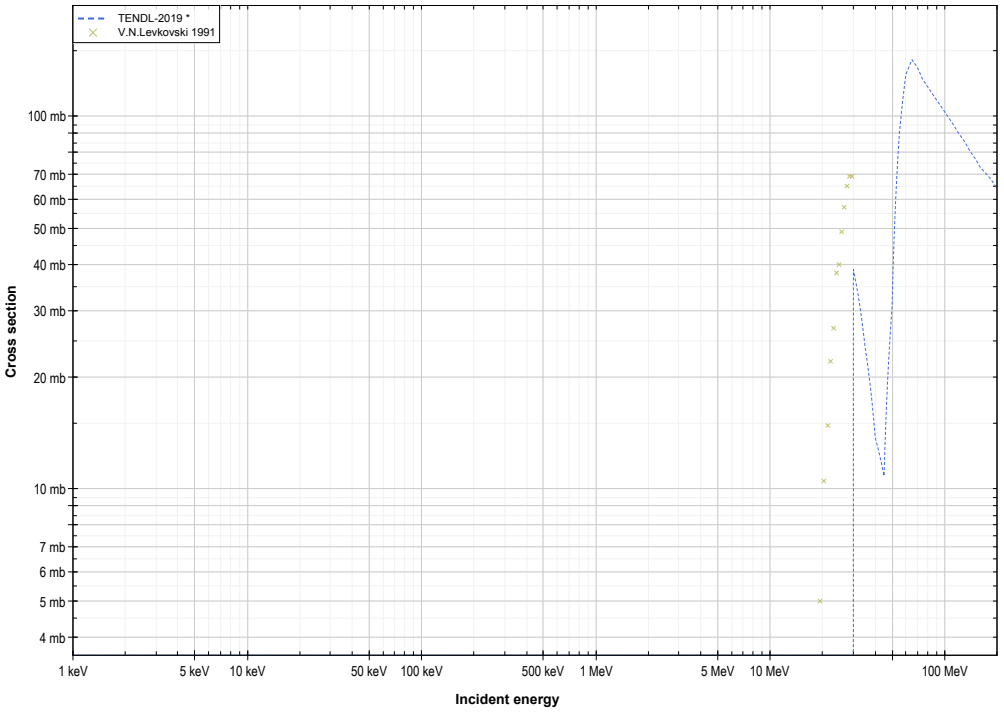
Mo94 (p,α) or Nb91 production lin-log



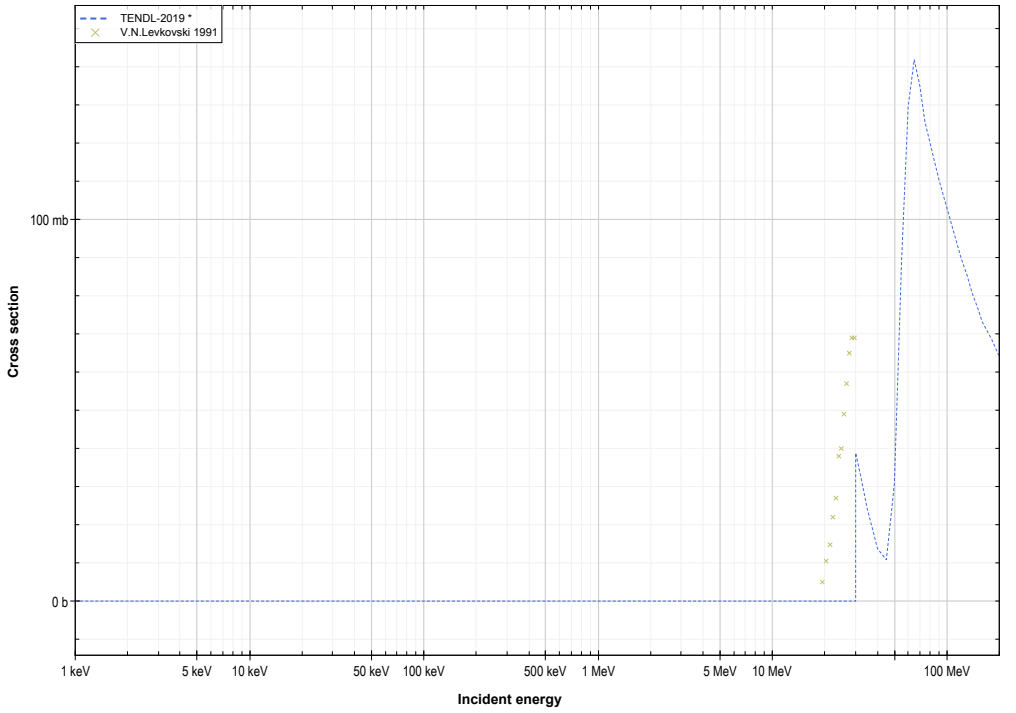
Reaction	Q-Value
Mo94(p,α)Nb91	3087.99 keV
Mo94(p,p+t)Nb91	-16725.87 keV
Mo94(p,n+He3)Nb91	-17489.62 keV
Mo94(p,2d)Nb91	-20758.53 keV
Mo94(p,n+p+d)Nb91	-22983.10 keV
Mo94(p,2n+2p)Nb91	-25207.66 keV

<< 42-Mo-92	**42-Mo-94**	42-Mo-100 >>
<< MT107 (p,α)	**MT176 (p,2n+³He) or MT5 (Nb90 production)**	MT179 (p,3n+2p) >>

Mo94 (p,2n+³He) or Nb90 production log-log



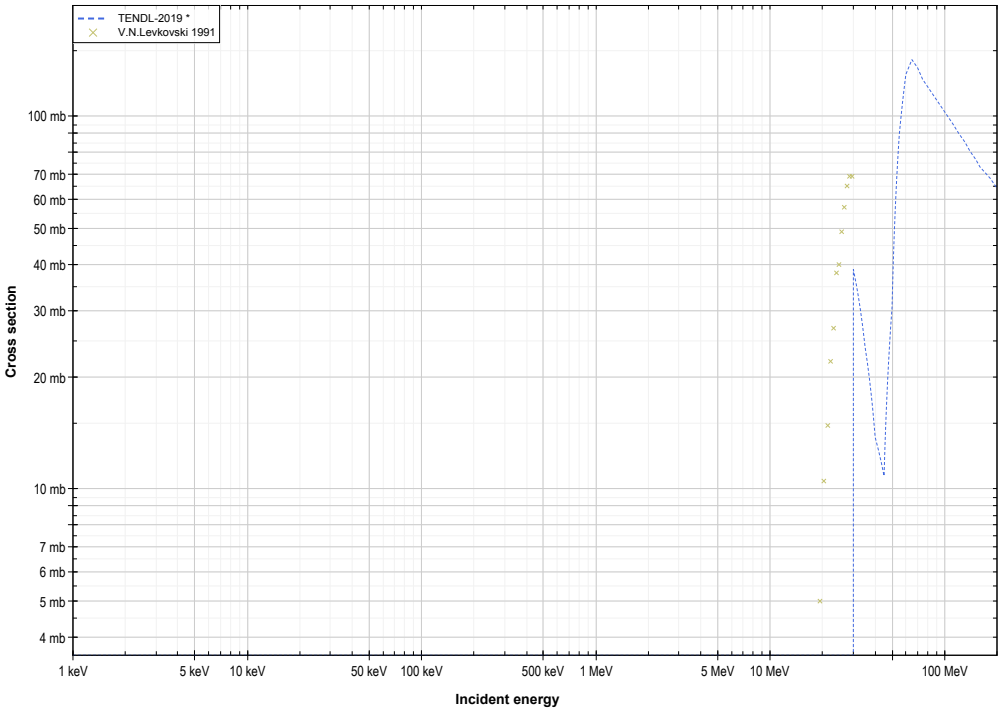
Mo94 (p,2n+³He) or Nb90 production lin-log



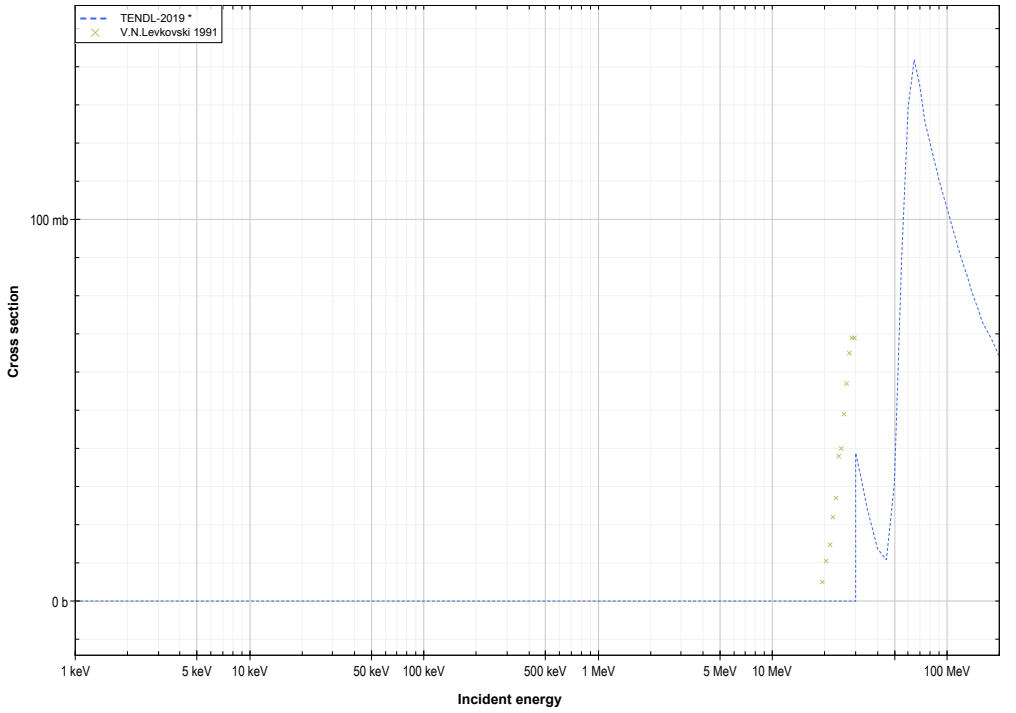
Reaction	Q-Value
Mo94(p,n+α)Nb90	-8959.32 keV
Mo94(p,d+t)Nb90	-26548.62 keV
Mo94(p,n+p+t)Nb90	-28773.19 keV
Mo94(p,2n+He3)Nb90	-29536.94 keV
Mo94(p,n+2d)Nb90	-32805.85 keV
Mo94(p,2n+p+d)Nb90	-35030.42 keV
Mo94(p,3n+2p)Nb90	-37254.98 keV

<< 42-Mo-92	**42-Mo-94**	42-Mo-100 >>
<< MT176 (p,2n+^{3}He)	**MT179 (p,3n+2p) or MT5 (Nb90 production)**	MT182 (p,d+t) >>

Mo94 (p,3n+2p) or Nb90 production log-log



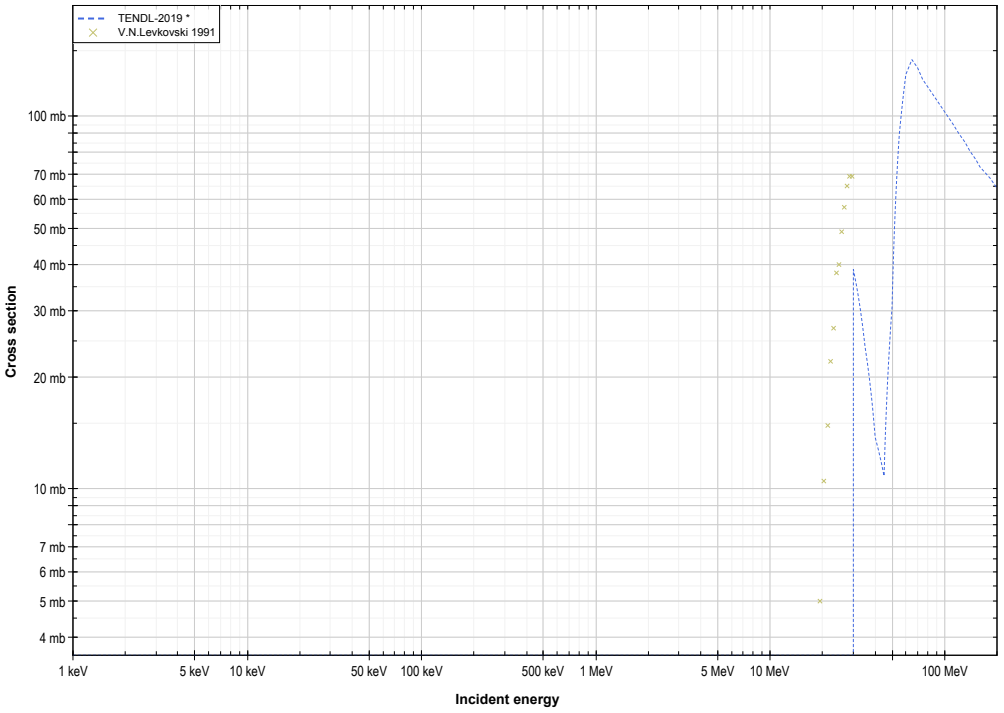
Mo94 (p,3n+2p) or Nb90 production lin-log



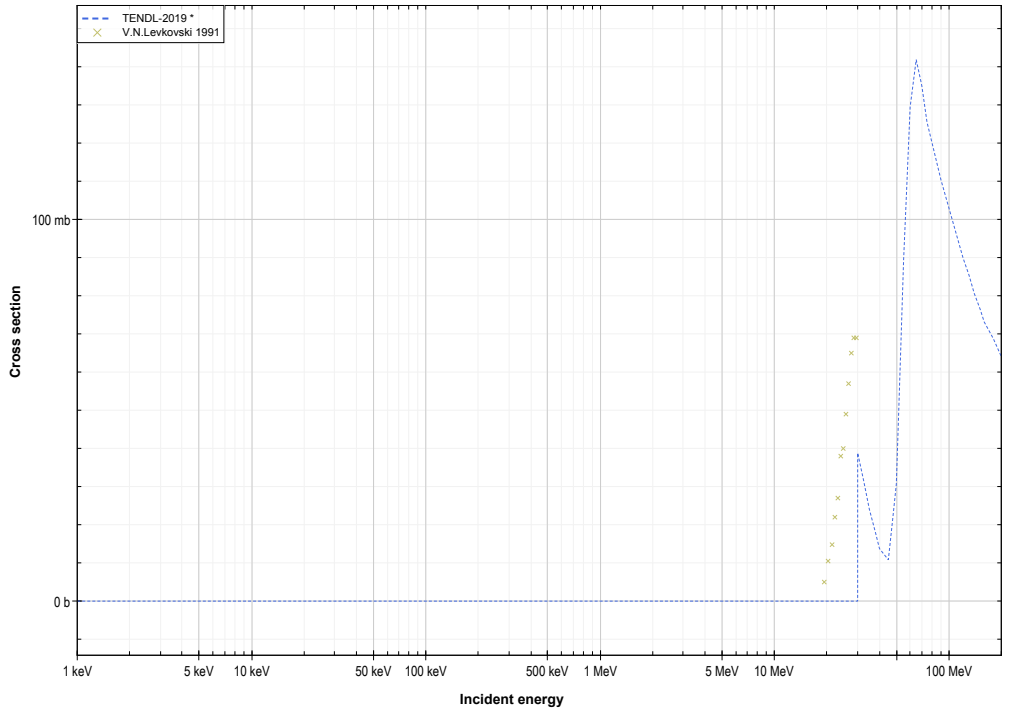
Reaction	Q-Value
Mo94(p,n+α)Nb90	-8959.32 keV
Mo94(p,d+t)Nb90	-26548.62 keV
Mo94(p,n+p+t)Nb90	-28773.19 keV
Mo94(p,2n+He3)Nb90	-29536.94 keV
Mo94(p,n+2d)Nb90	-32805.85 keV
Mo94(p,2n+p+d)Nb90	-35030.42 keV
Mo94(p,3n+2p)Nb90	-37254.98 keV

<< 42-Mo-92	**42-Mo-94**	42-Mo-100 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Nb90 production)**	MT184 (p,n+p+t) >>

Mo94 (p,d+t) or Nb90 production log-log



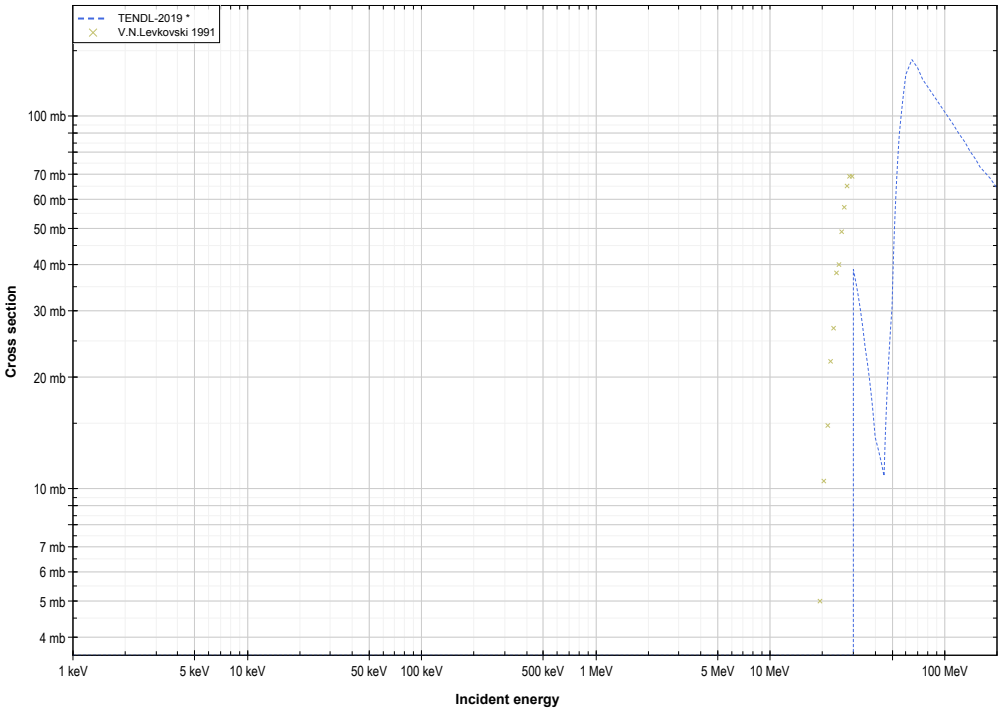
Mo94 (p,d+t) or Nb90 production lin-log



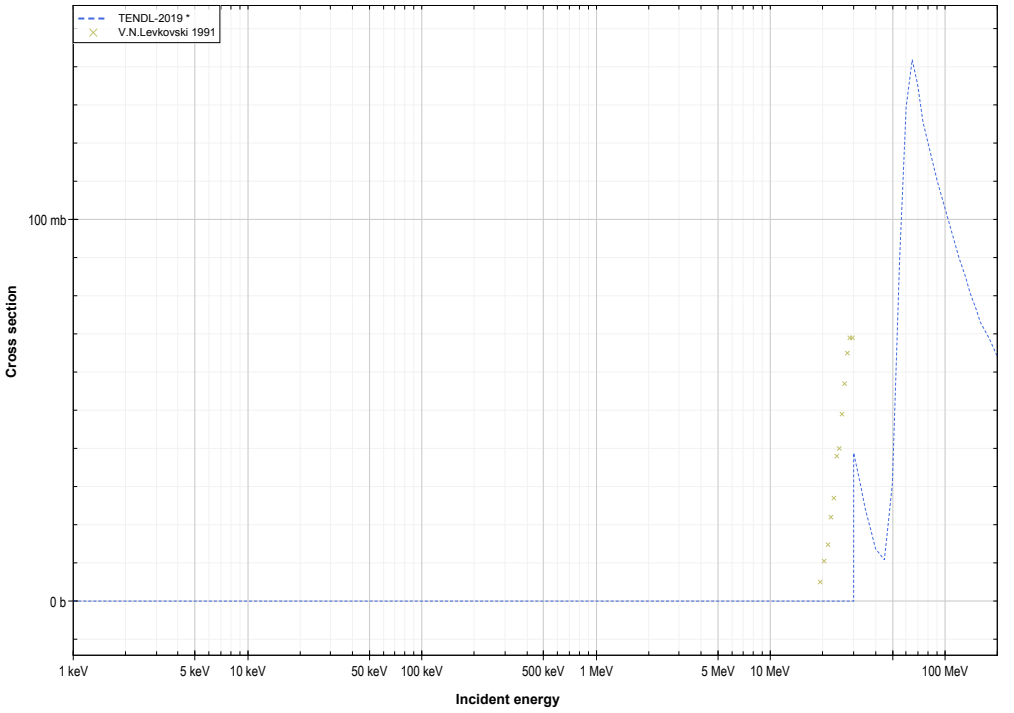
Reaction	Q-Value
Mo94(p,n+α)Nb90	-8959.32 keV
Mo94(p,d+t)Nb90	-26548.62 keV
Mo94(p,n+p+t)Nb90	-28773.19 keV
Mo94(p,2n+He3)Nb90	-29536.94 keV
Mo94(p,n+2d)Nb90	-32805.85 keV
Mo94(p,2n+p+d)Nb90	-35030.42 keV
Mo94(p,3n+2p)Nb90	-37254.98 keV

<< 42-Mo-92	**42-Mo-94**	42-Mo-100 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Nb90 production)**	42-Mo-95 MT4 (p,n) >>

Mo94 (p,n+p+t) or Nb90 production log-log



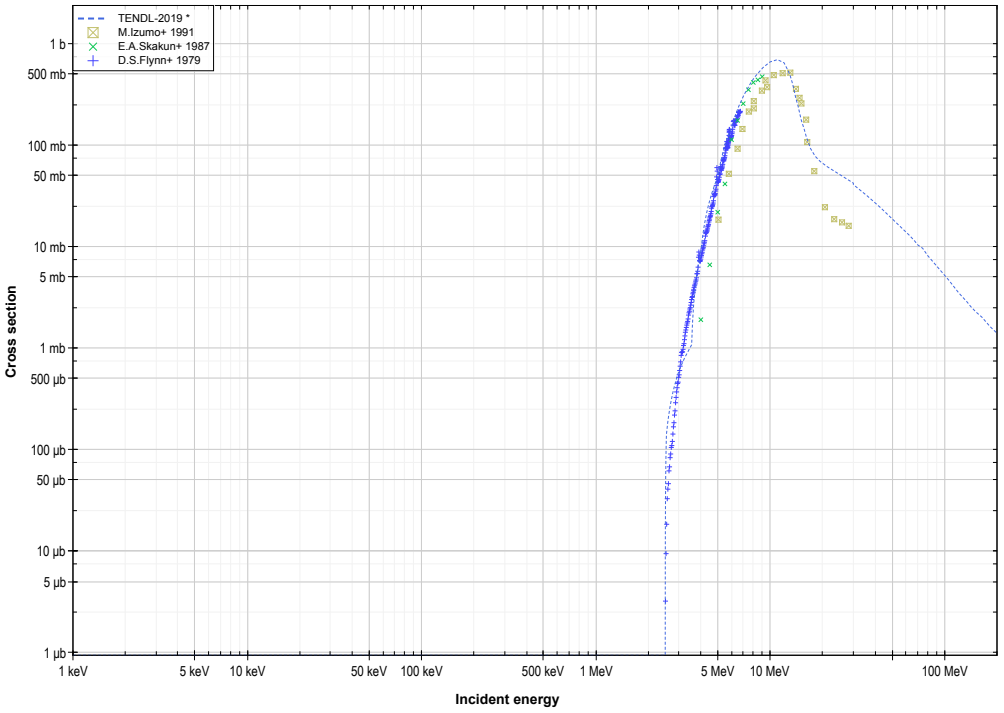
Mo94 (p,n+p+t) or Nb90 production lin-log



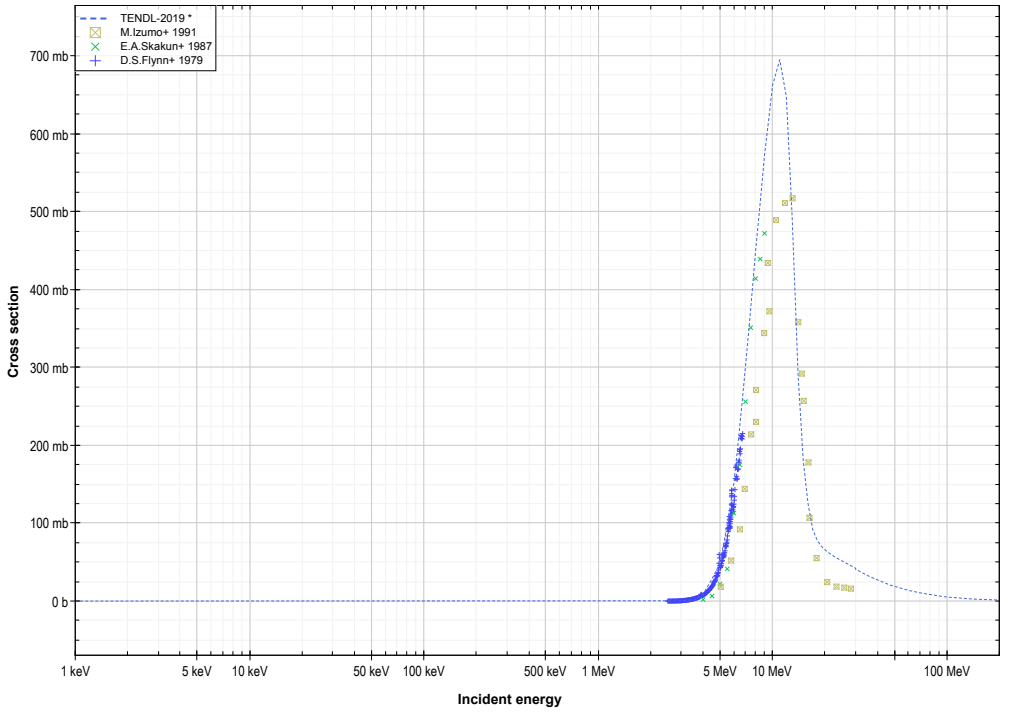
Reaction	Q-Value
Mo94(p,n+α)Nb90	-8959.32 keV
Mo94(p,d+t)Nb90	-26548.62 keV
Mo94(p,n+p+t)Nb90	-28773.19 keV
Mo94(p,2n+He3)Nb90	-29536.94 keV
Mo94(p,n+2d)Nb90	-32805.85 keV
Mo94(p,2n+p+d)Nb90	-35030.42 keV
Mo94(p,3n+2p)Nb90	-37254.98 keV

<< 42-Mo-94	**42-Mo-95**	42-Mo-96 >>
<< 42-Mo-94 MT184 (p,n+p+t)	**MT4 (p,n) or MT5 (Tc95 production)**	MT16 (p,2n) >>

Mo95 (p,n) or Tc95 production log-log



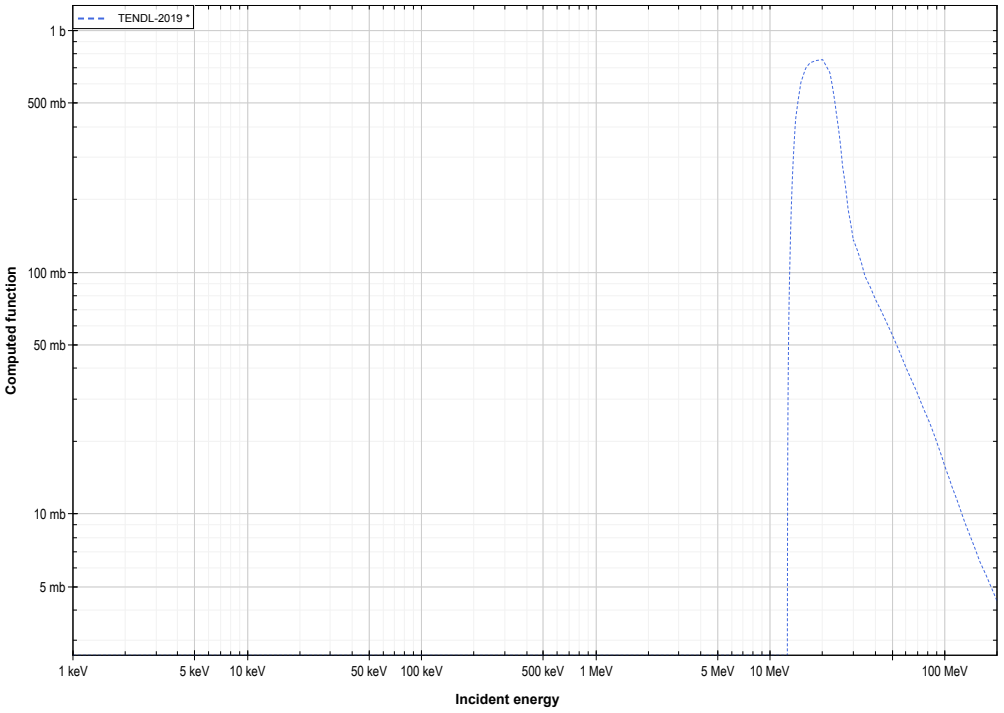
Mo95 (p,n) or Tc95 production lin-log



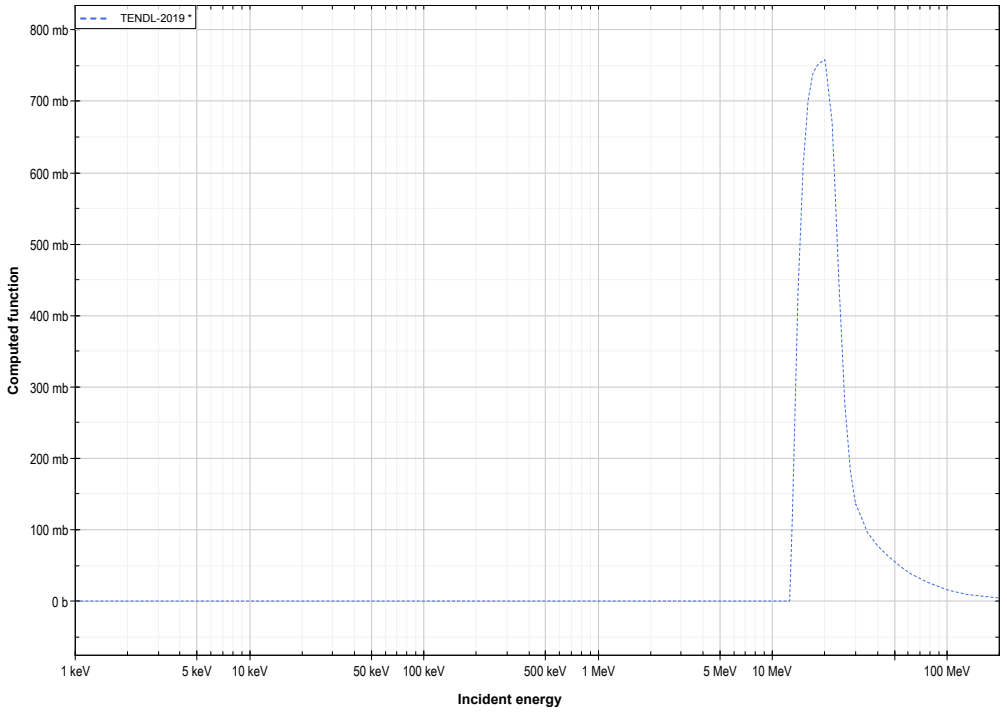
Reaction	Q-Value
Mo95(p,n)Tc95	-2473.21 keV

<< 42-Mo-94	**42-Mo-95**	42-Mo-96 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Tc94 production)**	MT17 (p,3n) >>

Mo95 (p,2n) or Tc94 production log-log



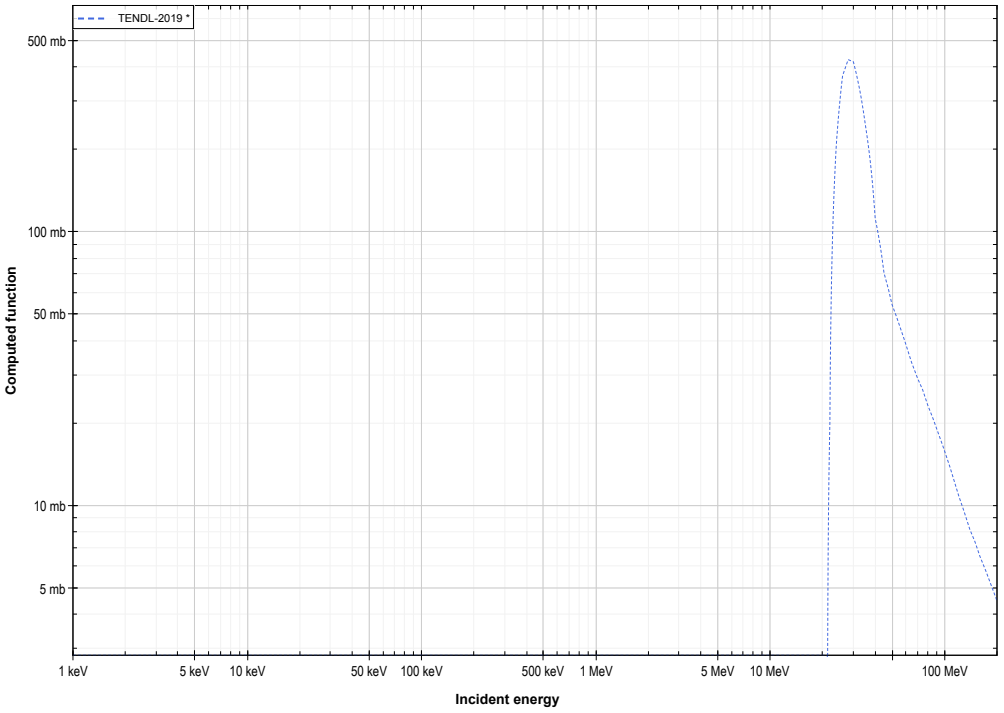
Mo95 (p,2n) or Tc94 production lin-log



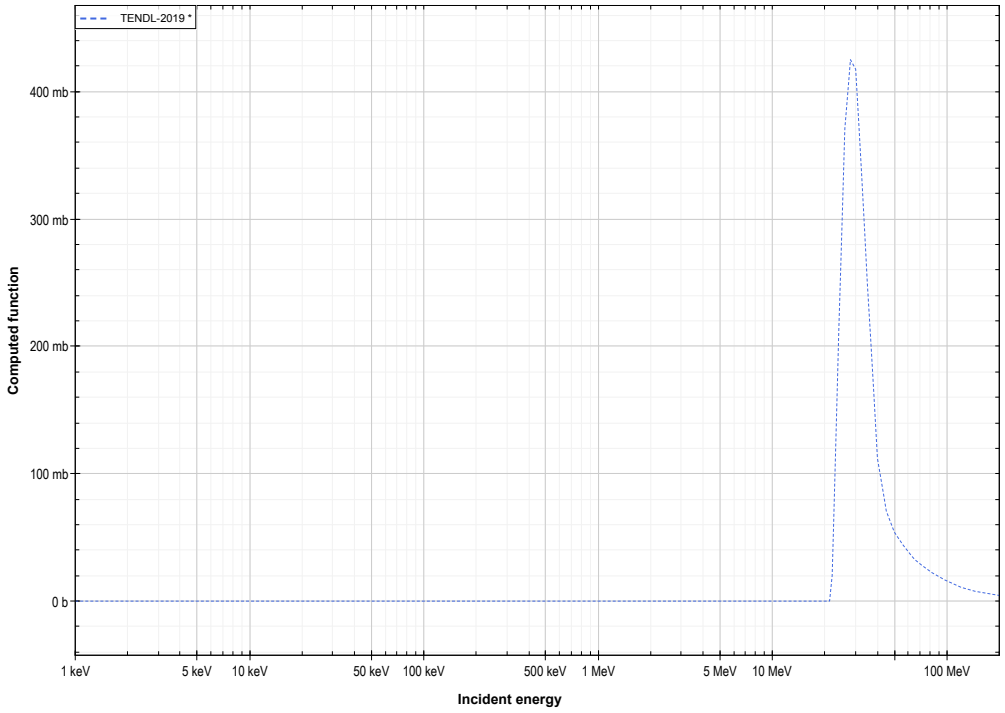
Reaction	Q-Value
Mo95(p,2n)Tc94	-12407.52 keV

<< 40-Zr-92	**42-Mo-95**	42-Mo-96 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Tc93 production)**	MT107 (p,α) >>

Mo95 (p,3n) or Tc93 production log-log



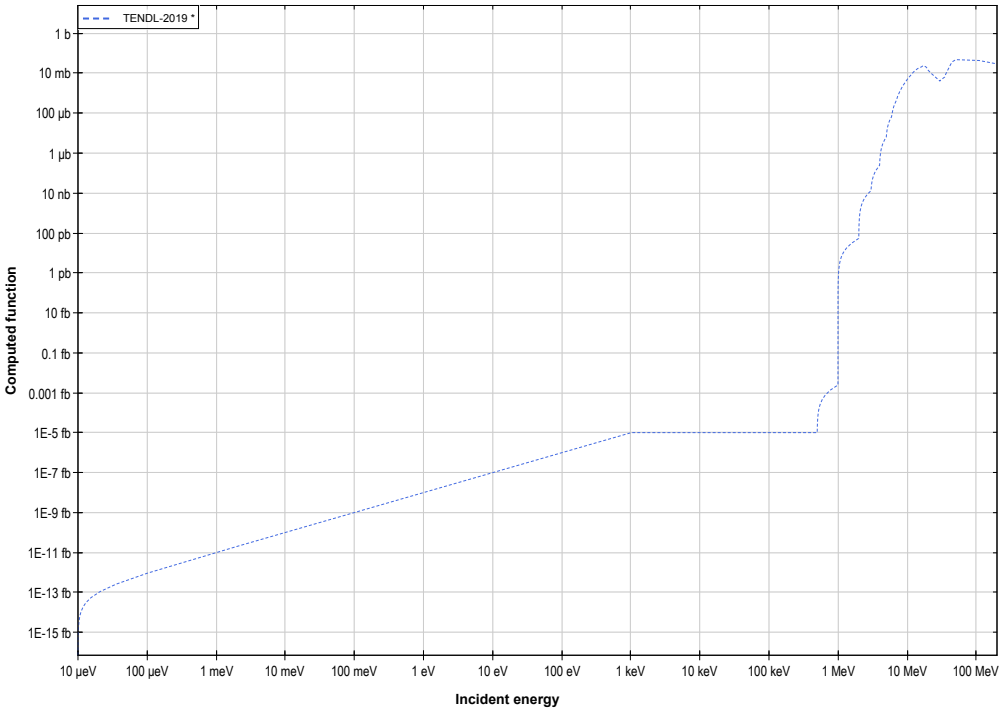
Mo95 (p,3n) or Tc93 production lin-log



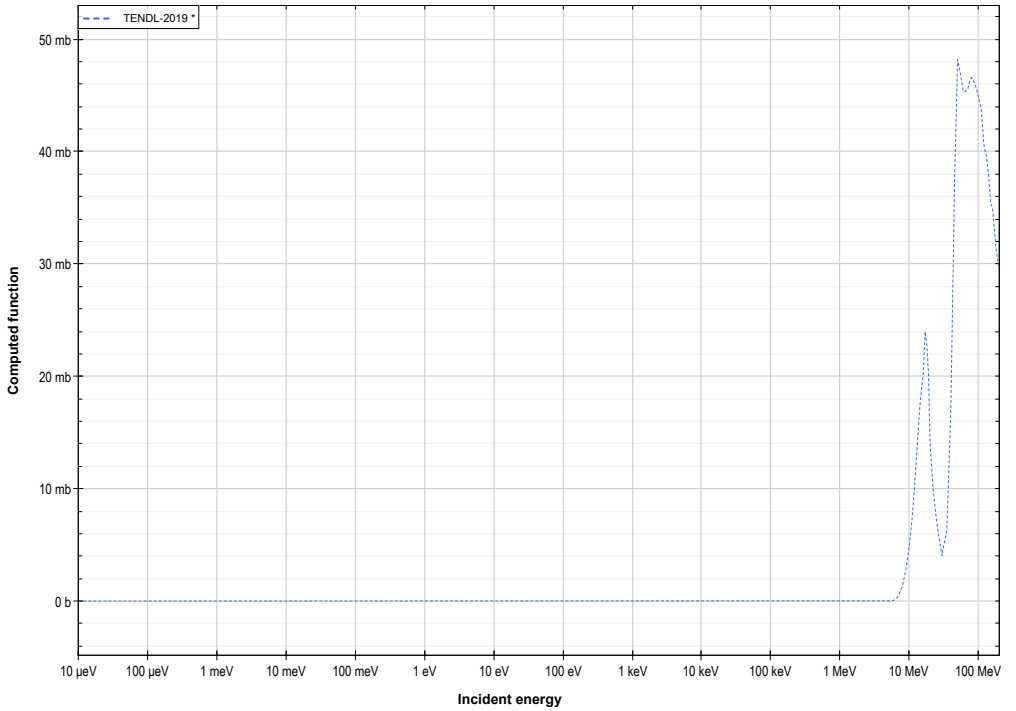
Reaction	Q-Value
Mo95(p,3n)Tc93	-21030.74 keV

<< 42-Mo-94	**42-Mo-95**	42-Mo-98 >>
<< MT17 (p,3n)	**MT107 (p,α) or MT5 (Nb92 production)**	42-Mo-96 MT4 (p,n) >>

Mo95 (p,α) or Nb92 production log-log



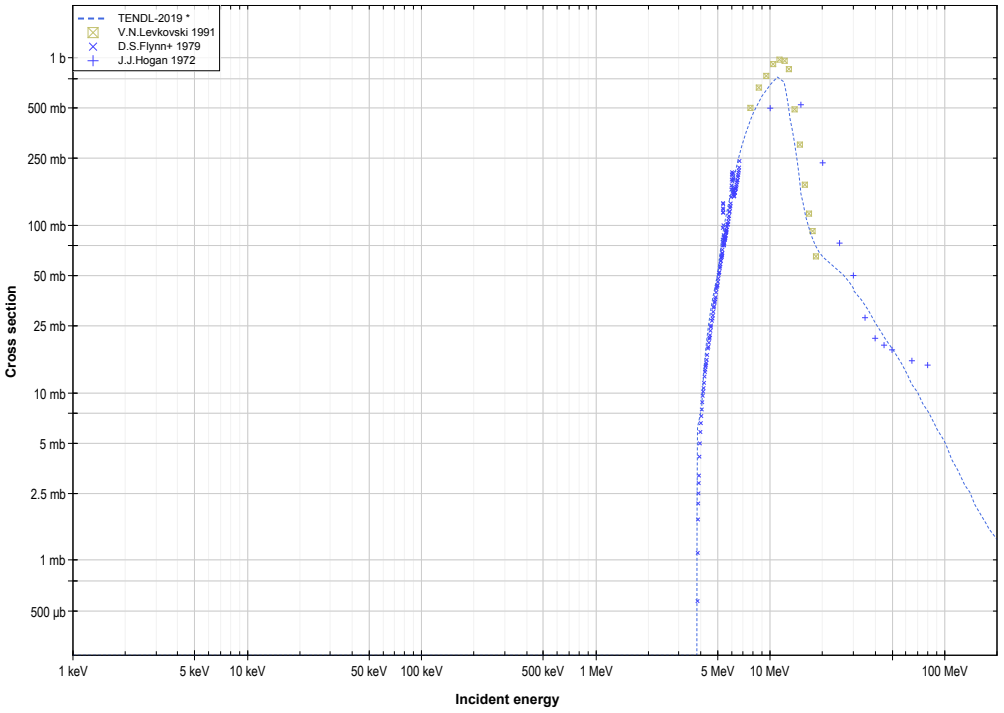
Mo95 (p,α) or Nb92 production lin-log



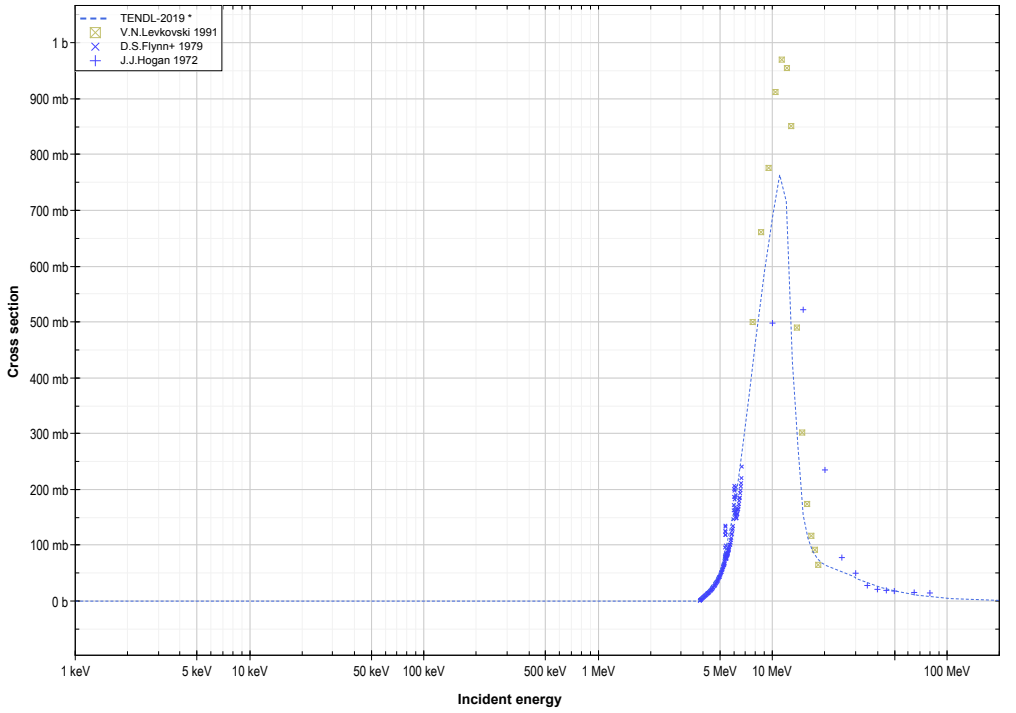
Reaction	Q-Value
Mo95(p,α)Nb92	3605.49 keV
Mo95(p,p+t)Nb92	-16208.37 keV
Mo95(p,n+He3)Nb92	-16972.12 keV
Mo95(p,2d)Nb92	-20241.03 keV
Mo95(p,n+p+d)Nb92	-22465.60 keV
Mo95(p,2n+2p)Nb92	-24690.16 keV

<< 42-Mo-95	**42-Mo-96**	42-Mo-98 >>
<< 42-Mo-95 MT107 (p,α)	**MT4 (p,n) or MT5 (Tc96 production)**	MT16 (p,2n) >>

Mo96 (p,n) or Tc96 production log-log



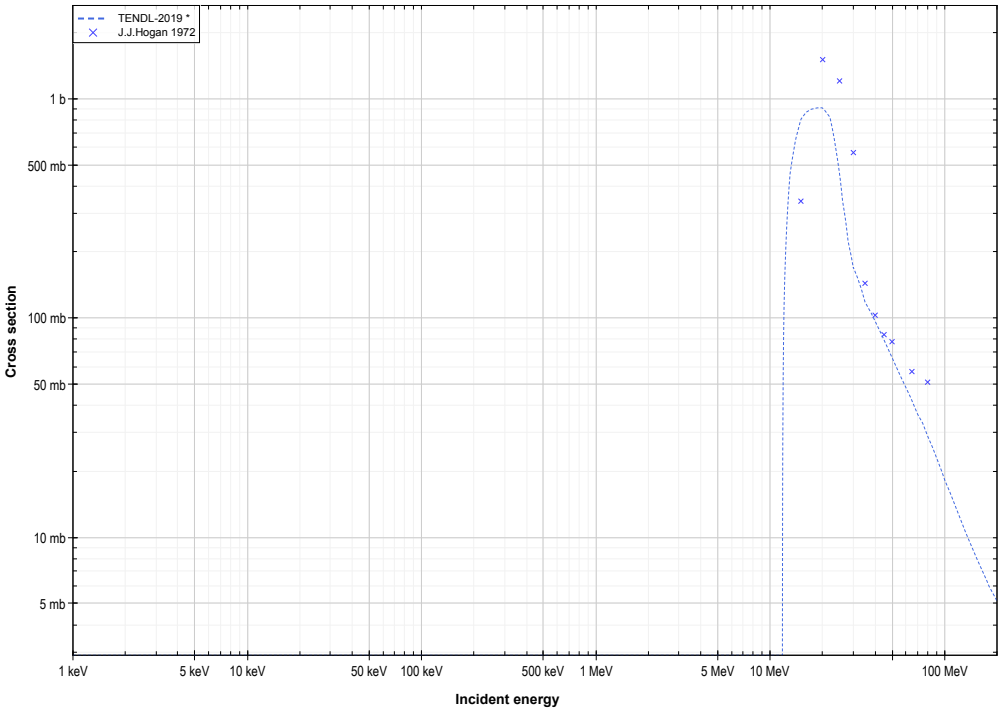
Mo96 (p,n) or Tc96 production lin-log



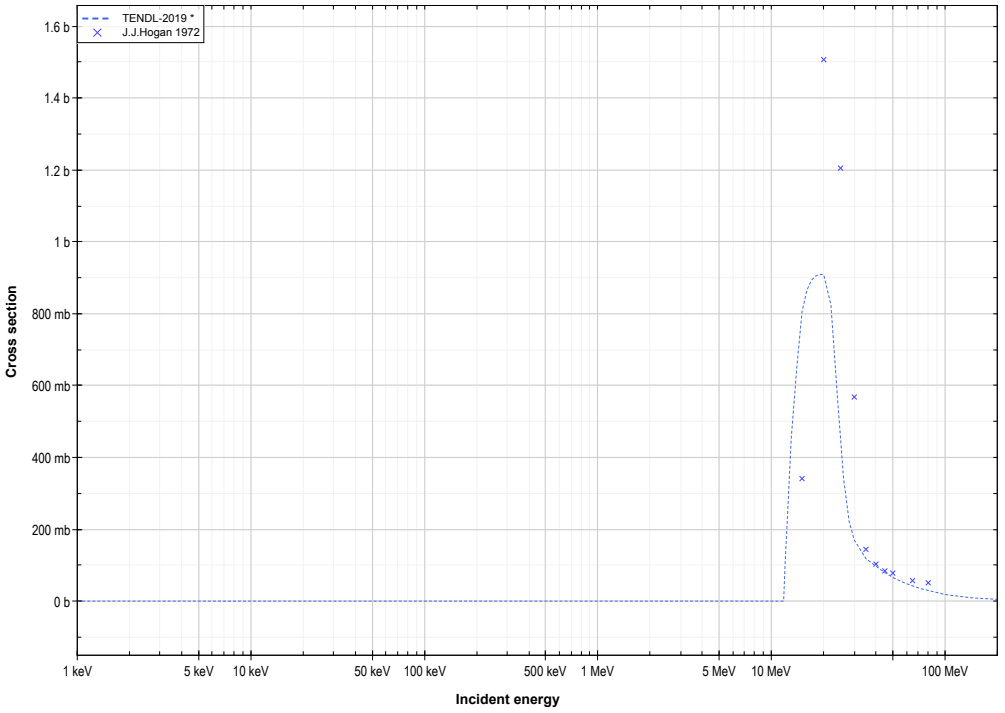
Reaction	Q-Value
Mo96(p,n)Tc96	-3755.23 keV

<< 42-Mo-95	**42-Mo-96**	42-Mo-97 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Tc95 production)**	MT17 (p,3n) >>

Mo96 (p,2n) or Tc95 production log-log



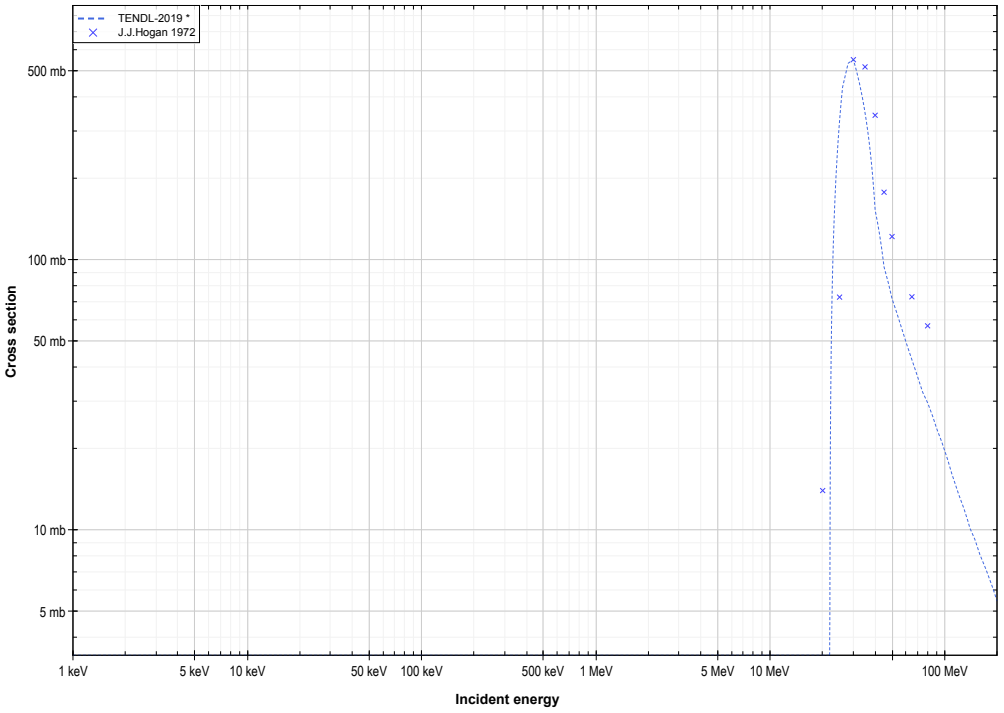
Mo96 (p,2n) or Tc95 production lin-log



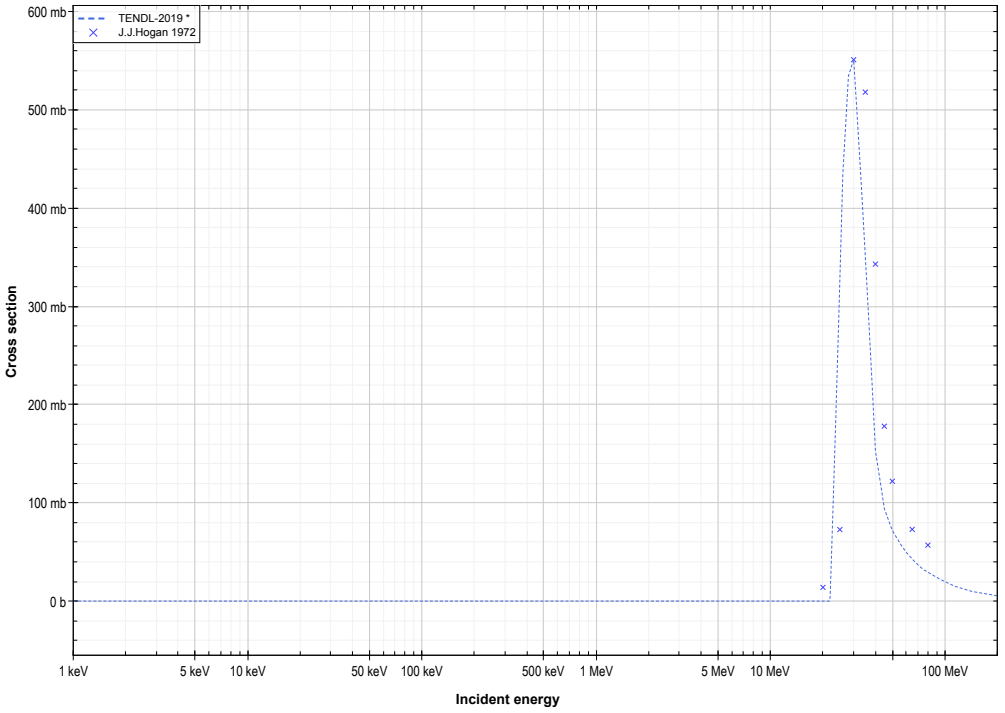
Reaction	Q-Value
Mo96(p,2n)Tc95	-11627.54 keV

<< 42-Mo-95	**42-Mo-96**	42-Mo-97 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Tc94 production)**	MT37 (p,4n) >>

Mo96 (p,3n) or Tc94 production log-log



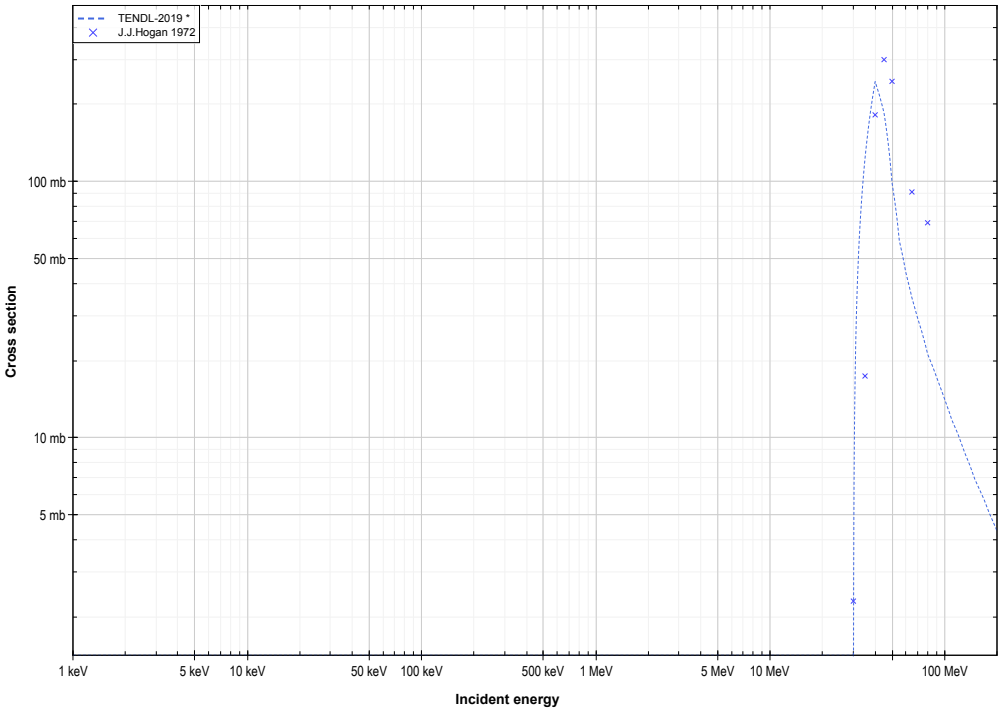
Mo96 (p,3n) or Tc94 production lin-log



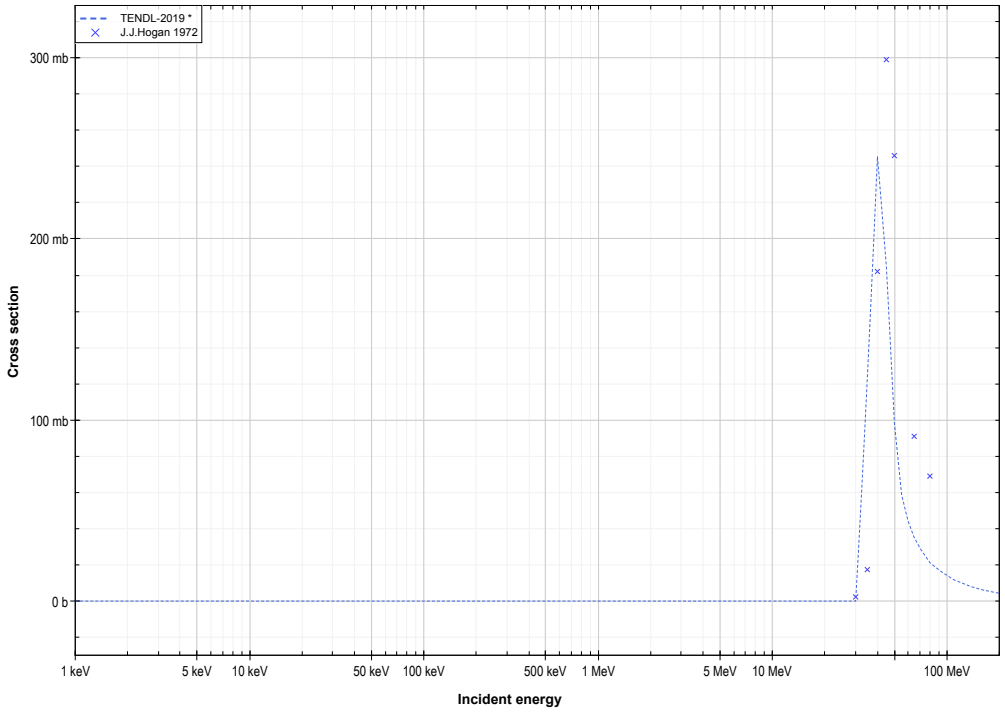
Reaction	Q-Value
Mo96(p,3n)Tc94	-21561.86 keV

<< 41-Nb-93	**42-Mo-96**	45-Rh-103 >>
<< MT17 (p,3n)	**MT37 (p,4n) or MT5 (Tc93 production)**	MT111 (p,2p) >>

Mo96 (p,4n) or Tc93 production log-log



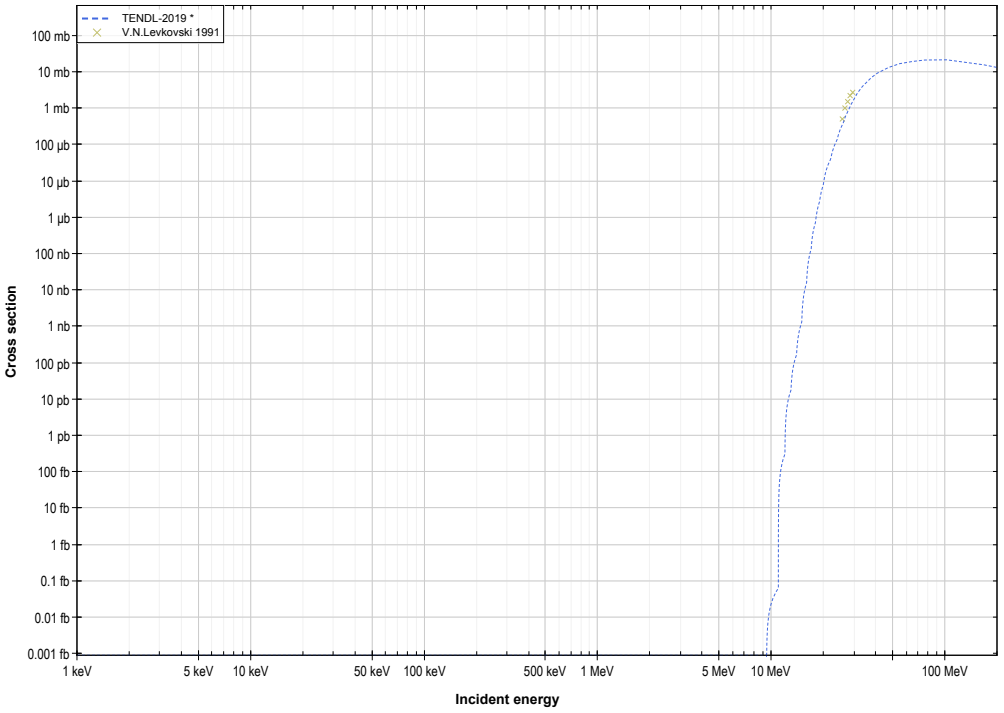
Mo96 (p,4n) or Tc93 production lin-log



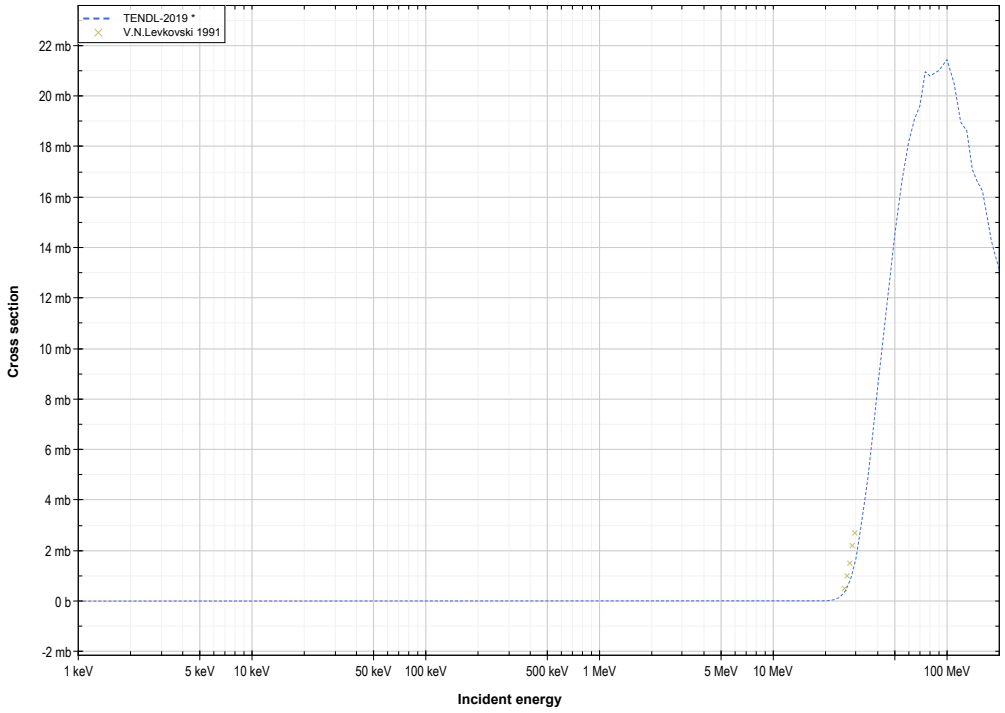
Reaction	Q-Value
Mo96(p,4n)Tc93	-30185.08 keV

<< 40-Zr-96	**42-Mo-96**	42-Mo-97 >>
<< MT37 (p,4n)	**MT111 (p,2p) or MT5 (Nb95 production)**	42-Mo-97 MT16 (p,2n) >>

Mo96 (p,2p) or Nb95 production log-log



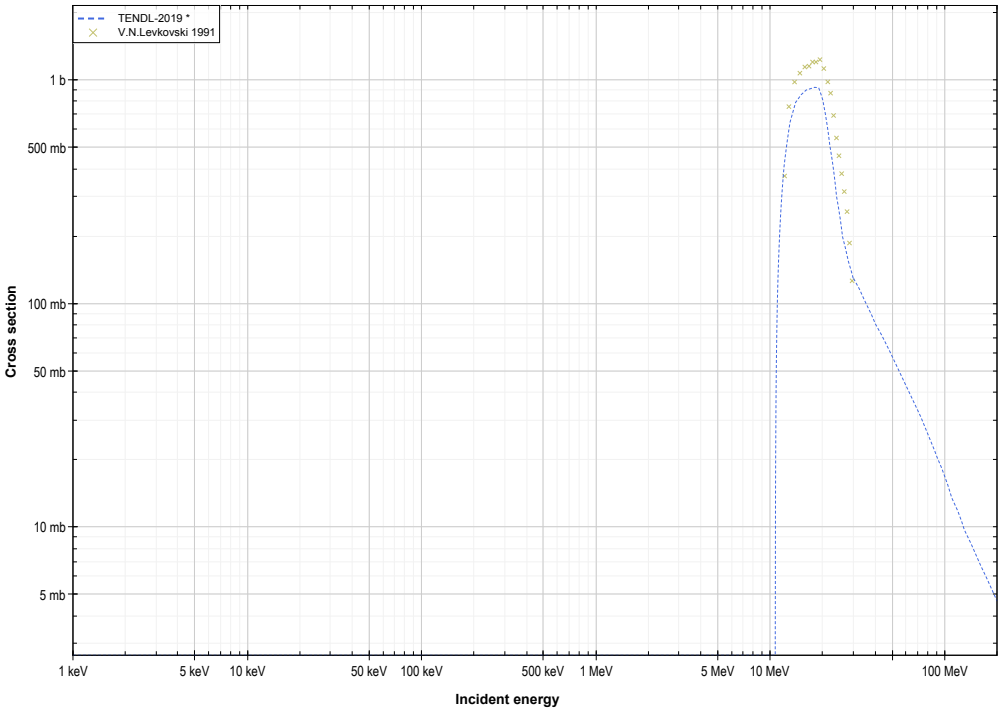
Mo96 (p,2p) or Nb95 production lin-log



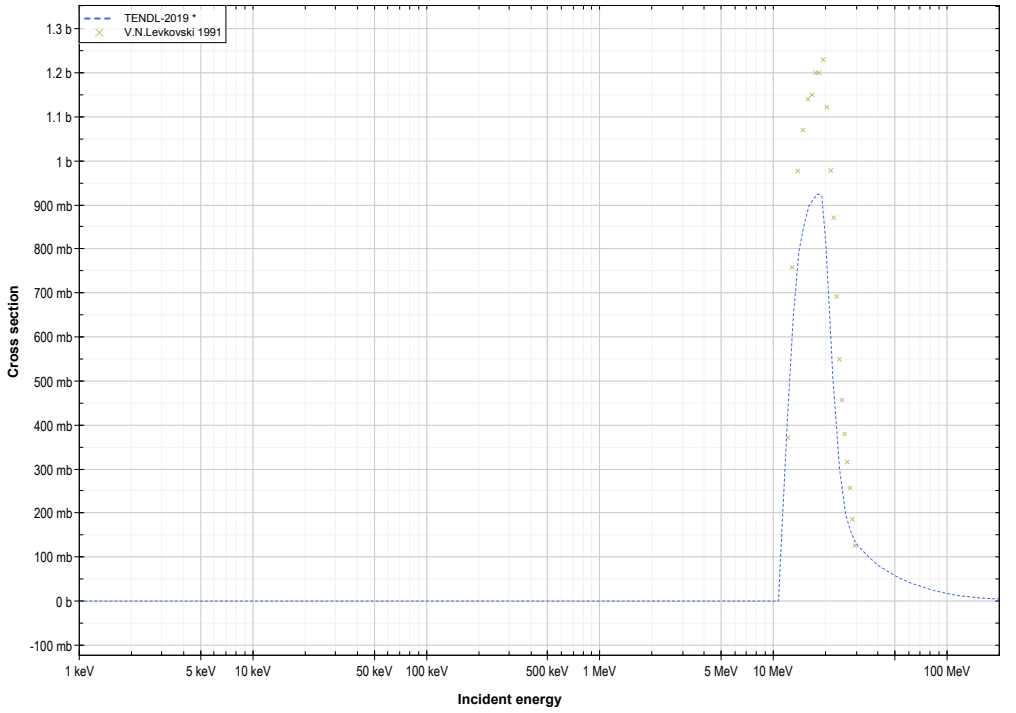
Reaction	Q-Value
Mo96(p,2p)Nb95	-9297.55 keV

<< 42-Mo-96	**42-Mo-97**	42-Mo-100 >>
<< 42-Mo-96 MT111 (p,2p)	**MT16 (p,2n) or MT5 (Tc96 production)**	MT17 (p,3n) >>

Mo97 (p,2n) or Tc96 production log-log



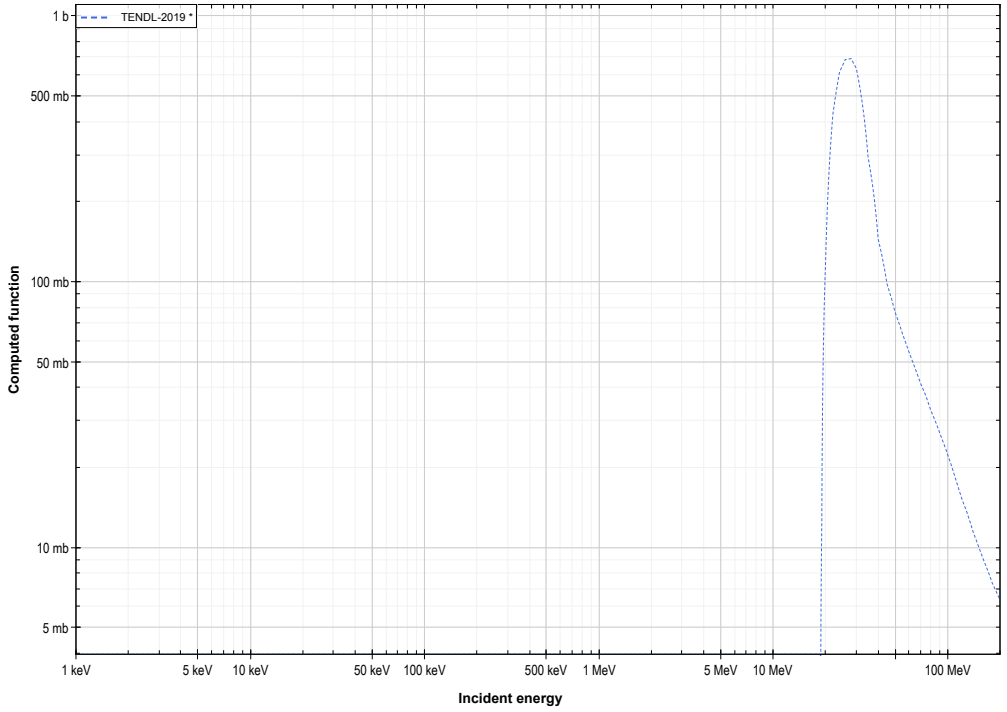
Mo97 (p,2n) or Tc96 production lin-log



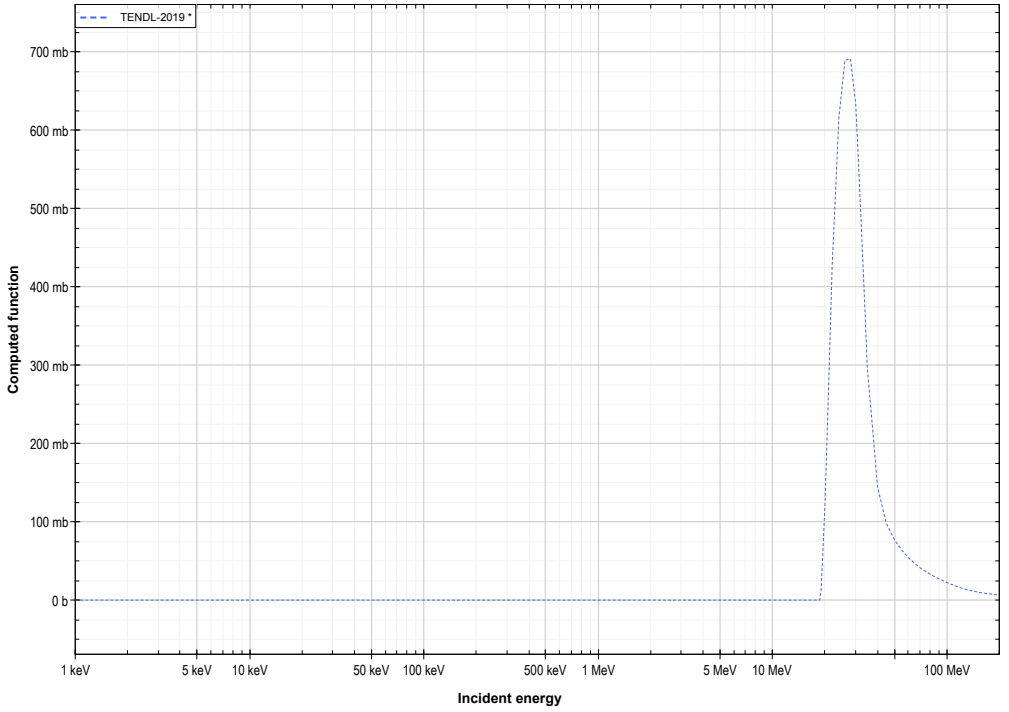
Reaction	Q-Value
Mo97(p,2n)Tc96	-10576.35 keV

<< 42-Mo-96	**42-Mo-97**	42-Mo-98 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Tc95 production)**	MT111 (p,2p) >>

Mo97 (p,3n) or Tc95 production log-log



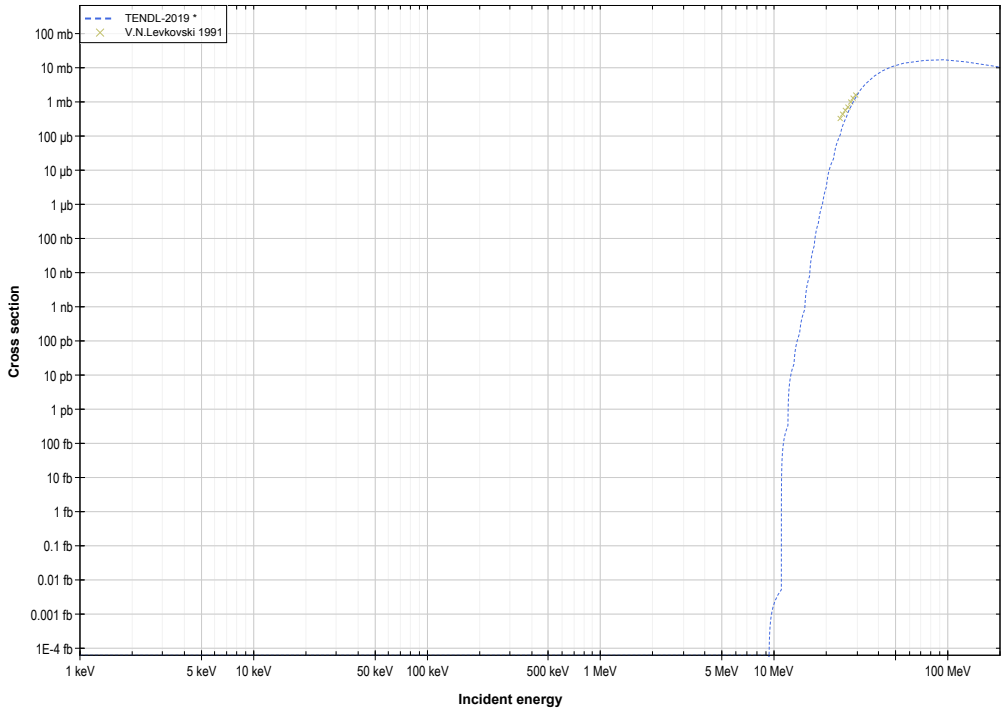
Mo97 (p,3n) or Tc95 production lin-log



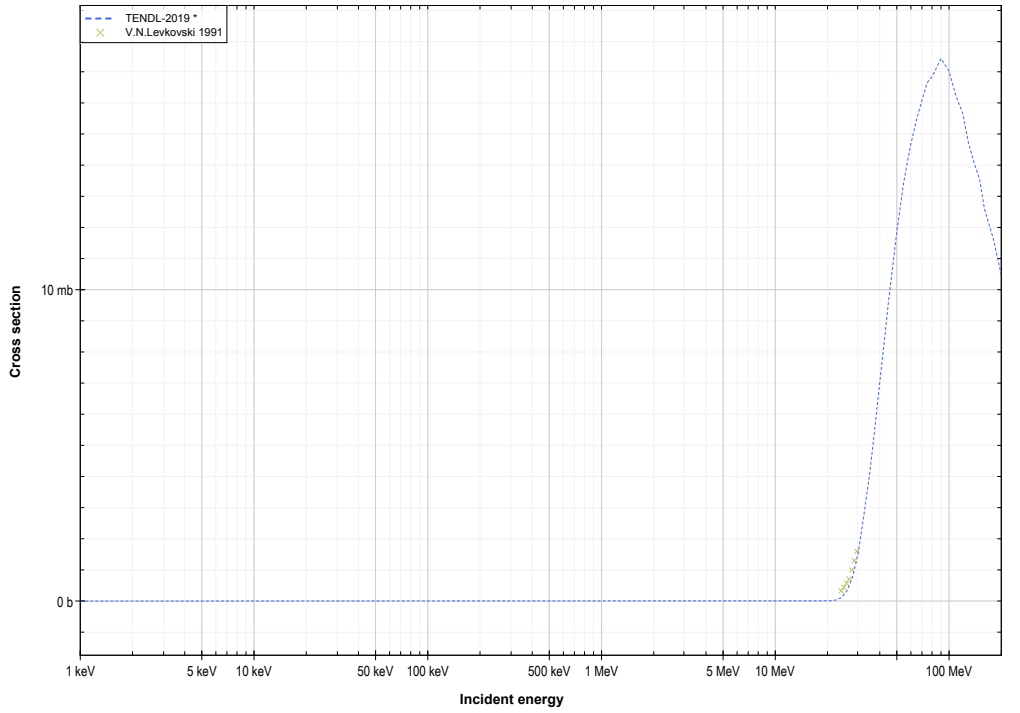
Reaction	Q-Value
Mo97(p,3n)Tc95	-18448.67 keV

<< 42-Mo-96	**42-Mo-97**	42-Mo-98 >>
<< MT17 (p,3n)	**MT111 (p,2p) or MT5 (Nb96 production)**	42-Mo-98 MT4 (p,n) >>

Mo97 (p,2p) or Nb96 production log-log



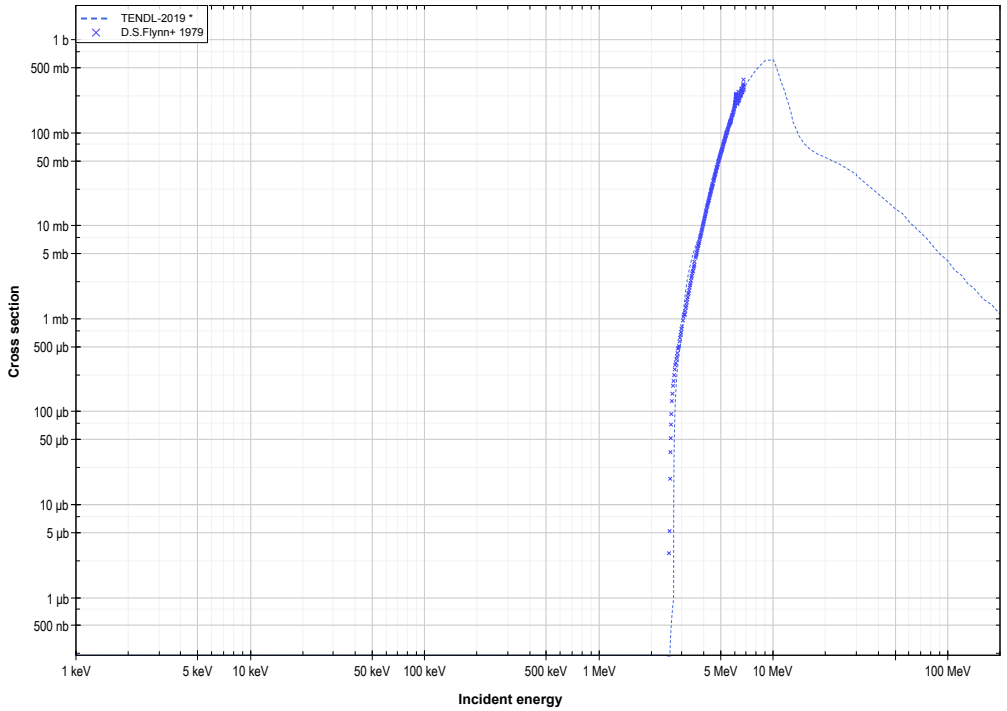
Mo97 (p,2p) or Nb96 production lin-log



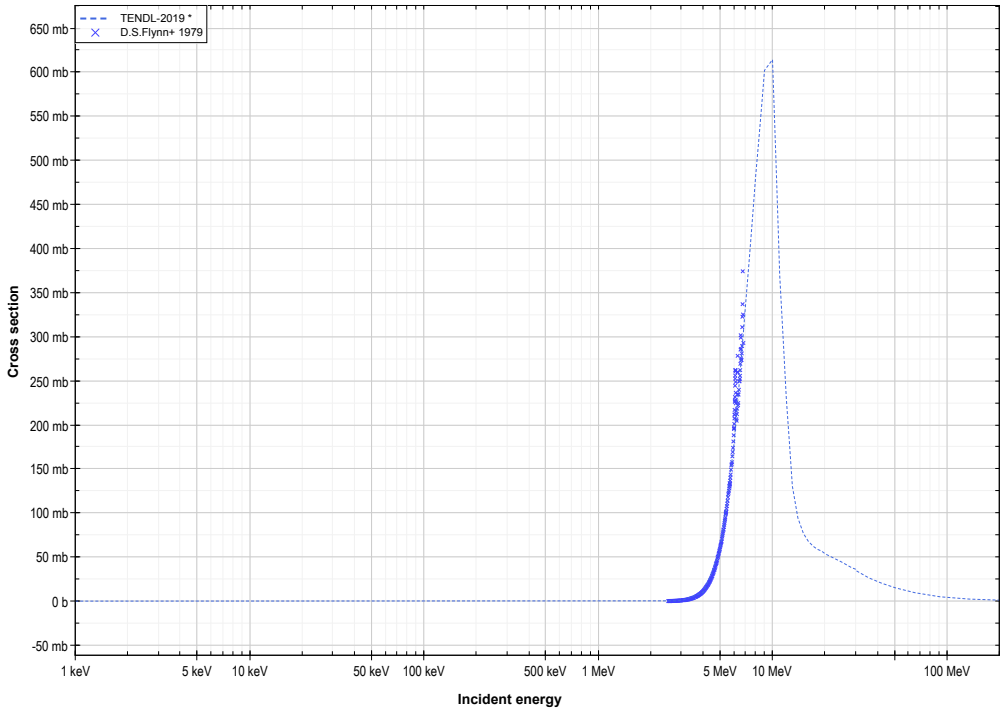
Reaction	Q-Value
Mo97(p,2p)Nb96	-9230.84 keV

<< 42-Mo-96	**42-Mo-98**	42-Mo-100 >>
<< 42-Mo-97 MT111 (p,2p)	**MT4 (p,n) or MT5 (Tc98 production)**	MT17 (p,3n) >>

Mo98 (p,n) or Tc98 production log-log



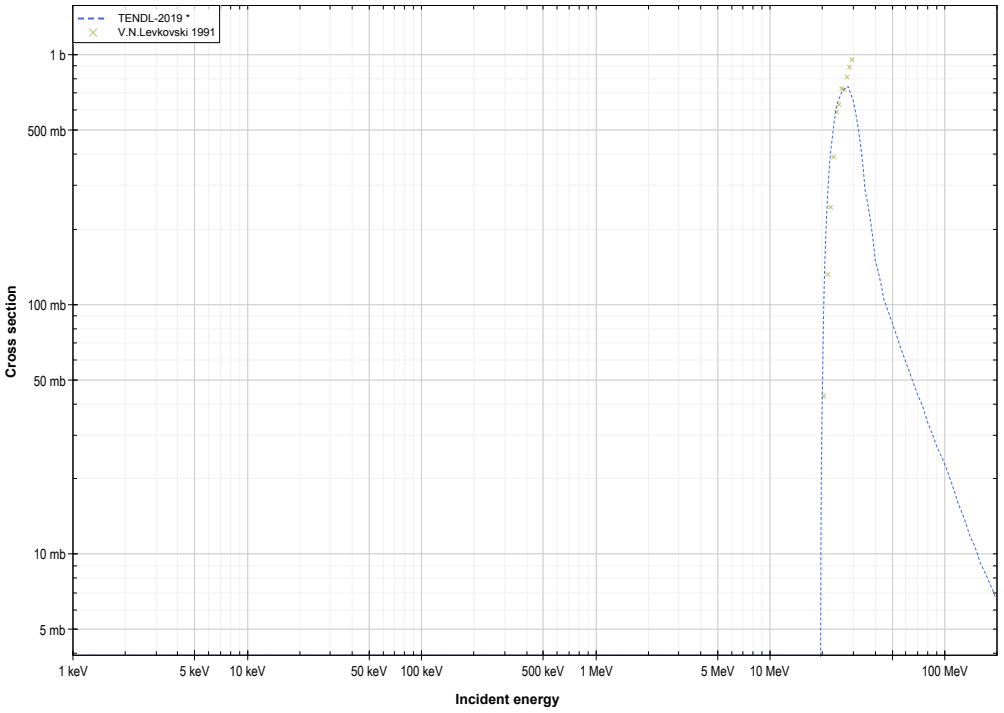
Mo98 (p,n) or Tc98 production lin-log



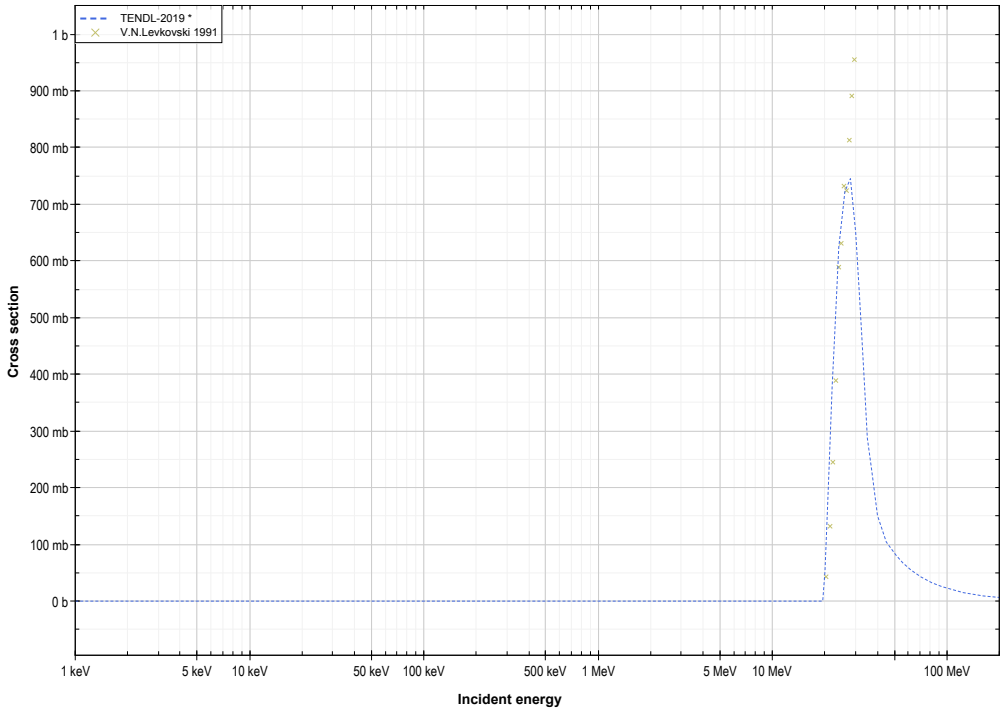
Reaction	Q-Value
Mo98(p,n)Tc98	-2466.32 keV

<< 42-Mo-97	**42-Mo-98**	43-Tc-99 >>
<< MT4 (p,n)	**MT17 (p,3n) or MT5 (Tc96 production)**	MT44 (p,n+2p) >>

Mo98 (p,3n) or Tc96 production log-log



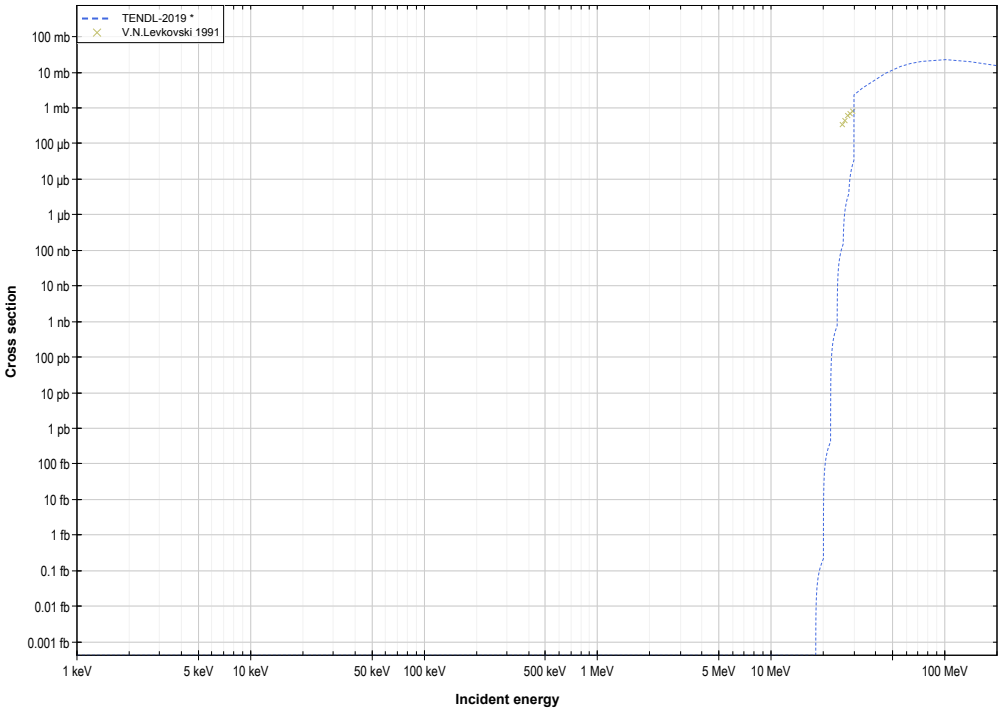
Mo98 (p,3n) or Tc96 production lin-log



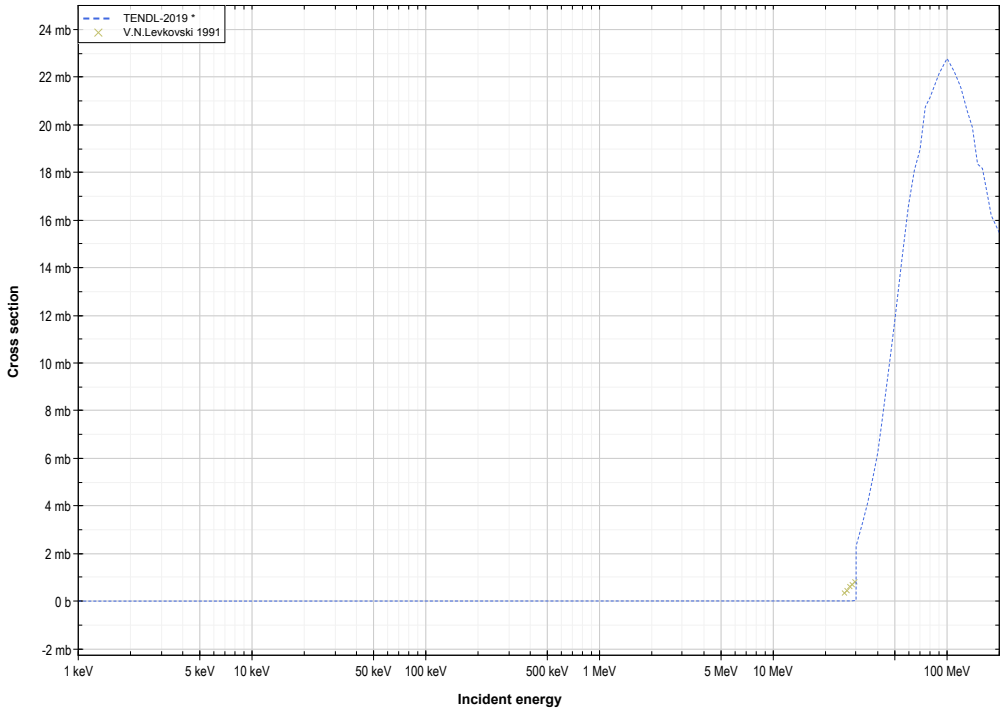
Reaction	Q-Value
Mo98(p,3n)Tc96	-19218.95 keV

<< 42-Mo-92	**42-Mo-98**	50-Sn-112 >>
<< MT17 (p,3n)	**MT44 (p,n+2p) or MT5 (Nb96 production)**	MT102 (p,γ) >>

Mo98 (p,n+2p) or Nb96 production log-log



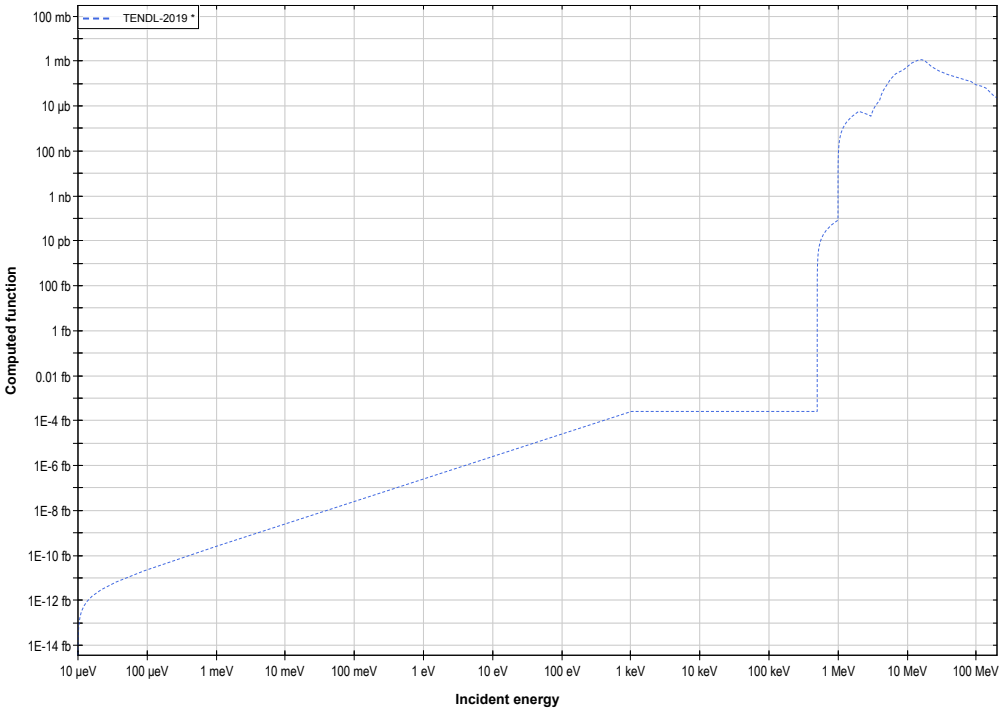
Mo98 (p,n+2p) or Nb96 production lin-log



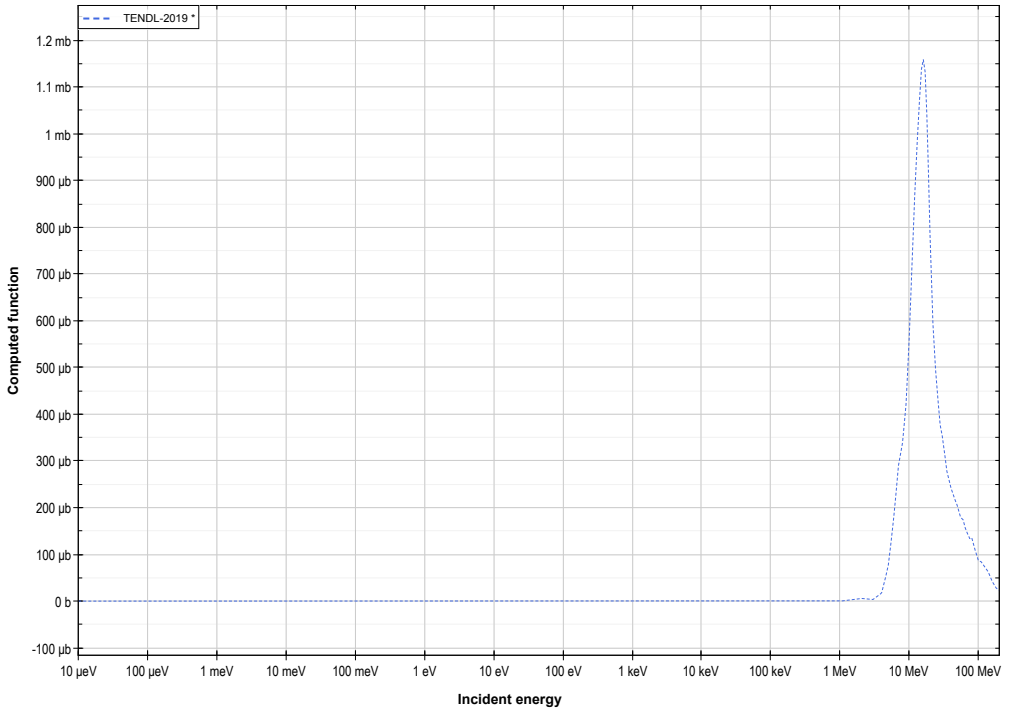
Reaction	Q-Value
Mo98(p,He3)Nb96	-10155.40 keV
Mo98(p,p+d)Nb96	-15648.87 keV
Mo98(p,n+2p)Nb96	-17873.44 keV

<< 42-Mo-94	**42-Mo-98**	42-Mo-100 >>
<< MT44 (p,n+2p)	**MT102 (p,γ) or MT5 (Tc99 production)**	MT106 (p,³He) >>

Mo98 (p,γ) or Tc99 production log-log



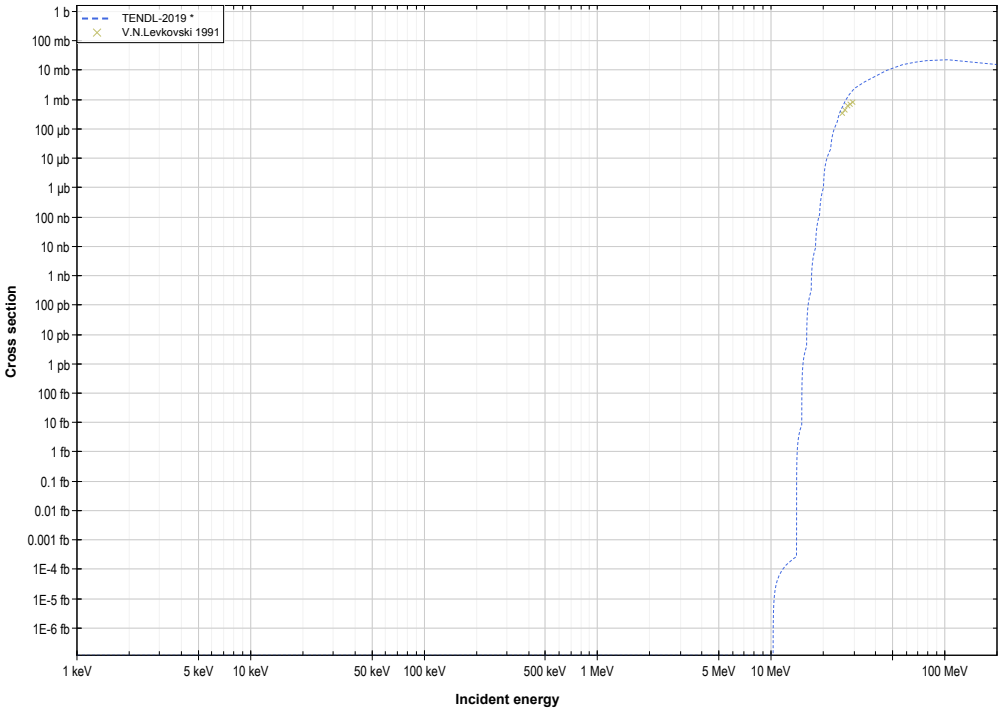
Mo98 (p,γ) or Tc99 production lin-log



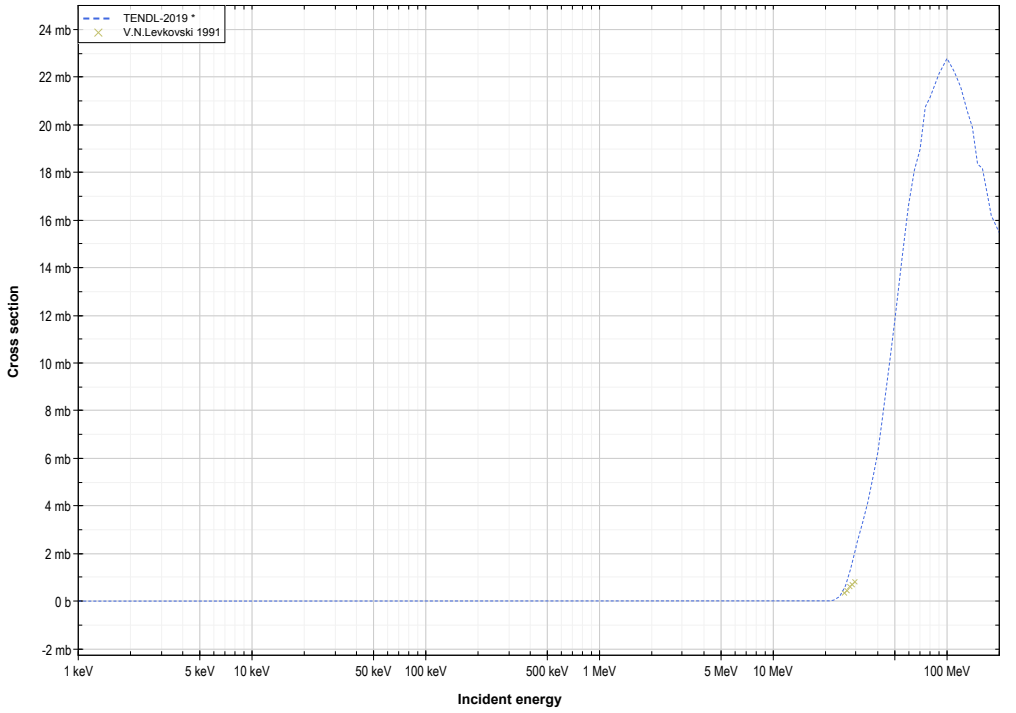
Reaction	Q-Value
Mo98(p,γ)Tc99	6500.90 keV

<< 42-Mo-92	**42-Mo-98**	50-Sn-112 >>
<< MT102 (p,γ)	**MT106 (p,³He) or MT5 (Nb96 production)**	MT107 (p,α) >>

Mo98 (p,³He) or Nb96 production log-log



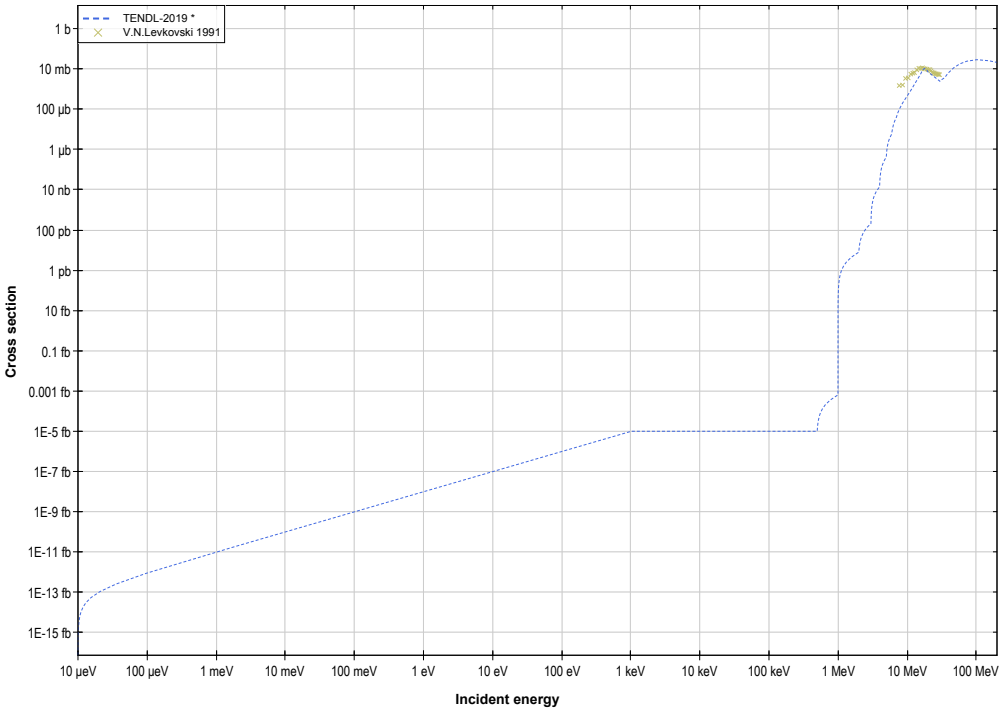
Mo98 (p,³He) or Nb96 production lin-log



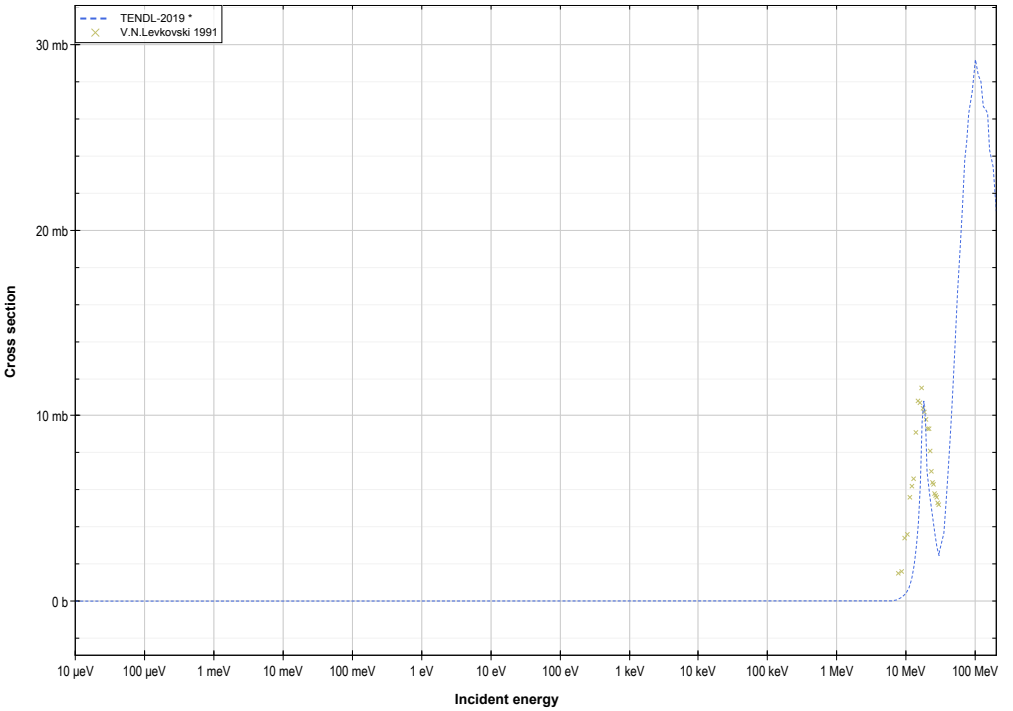
Reaction	Q-Value
Mo98(p,He3)Nb96	-10155.40 keV
Mo98(p,p+d)Nb96	-15648.87 keV
Mo98(p,n+2p)Nb96	-17873.44 keV

<< 42-Mo-95	**42-Mo-98**	42-Mo-100 >>
<< MT106 (p,³He)	**MT107 (p,α) or MT5 (Nb95 production)**	MT111 (p,2p) >>

Mo98 (p,α) or Nb95 production log-log



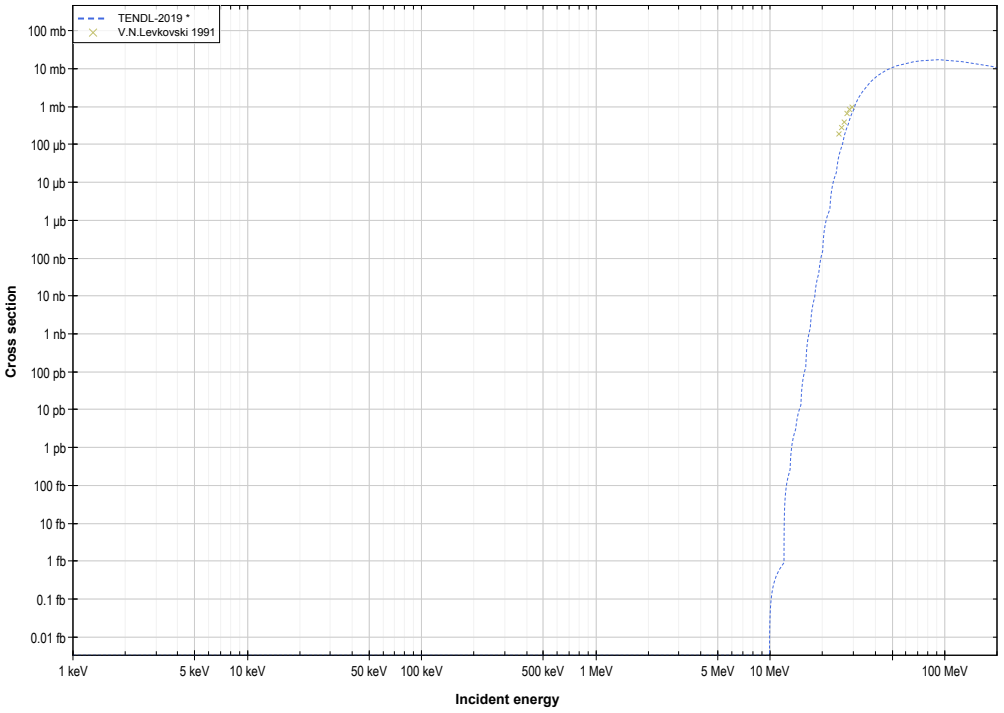
Mo98 (p,α) or Nb95 production lin-log



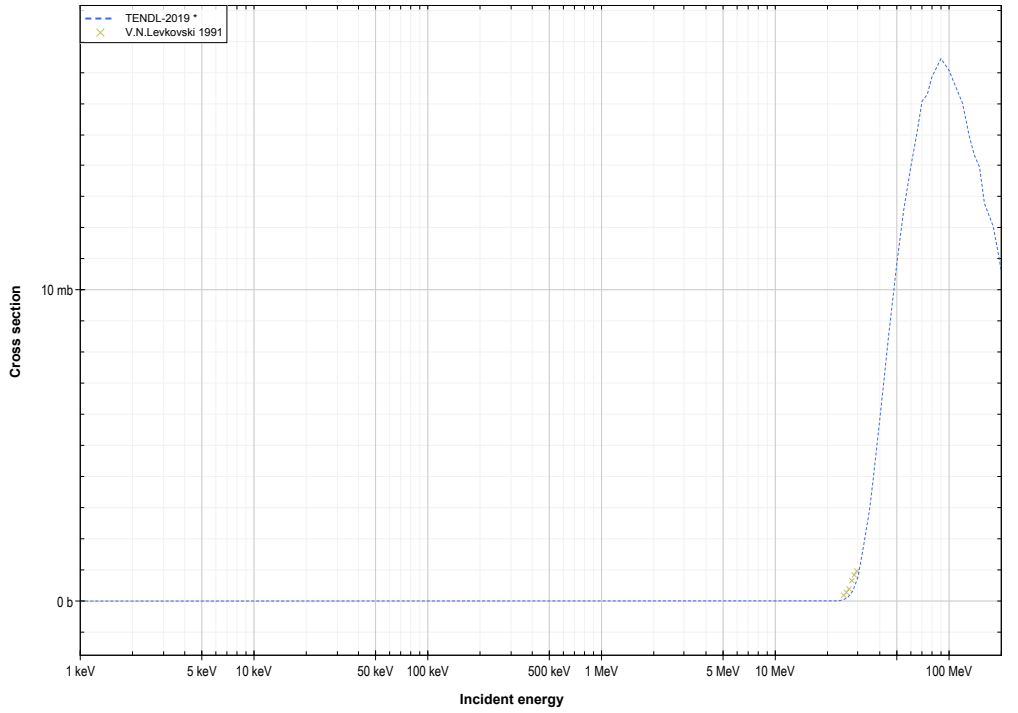
Reaction	Q-Value
Mo98(p,α)Nb95	3534.38 keV
Mo98(p,p+t)Nb95	-16279.48 keV
Mo98(p,n+He3)Nb95	-17043.23 keV
Mo98(p,2d)Nb95	-20312.14 keV
Mo98(p,n+p+d)Nb95	-22536.71 keV
Mo98(p,2n+2p)Nb95	-24761.27 keV

<< 42-Mo-97	**42-Mo-98**	48-Cd-106 >>
<< MT107 (p,α)	**MT111 (p,2p) or MT5 (Nb97 production)**	MT115 (p,p+d) >>

Mo98 (p,2p) or Nb97 production log-log



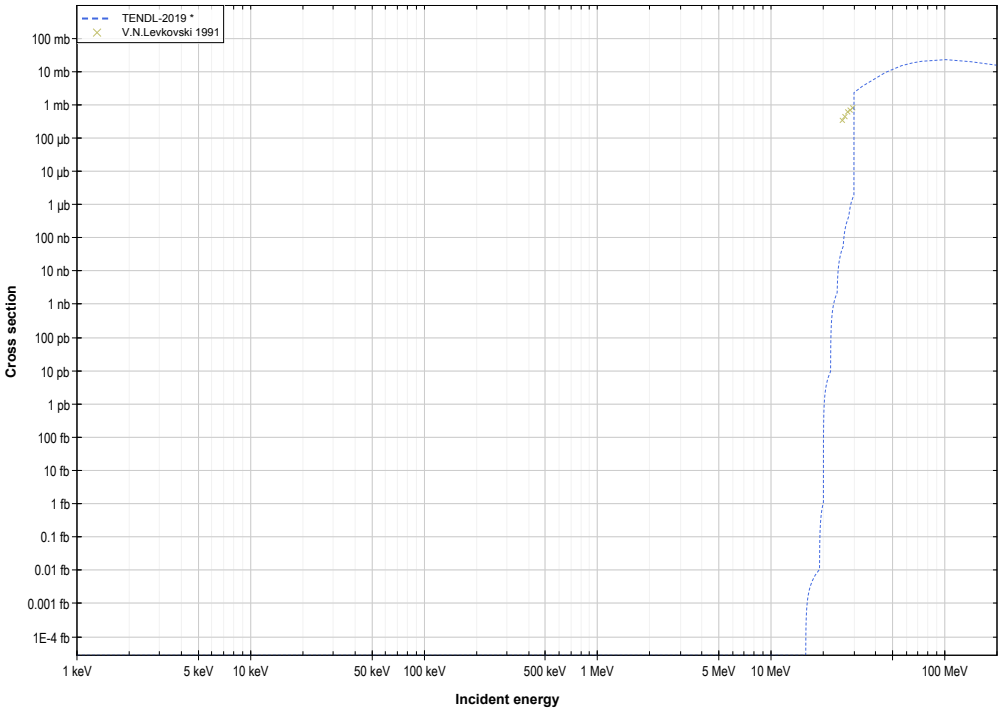
Mo98 (p,2p) or Nb97 production lin-log



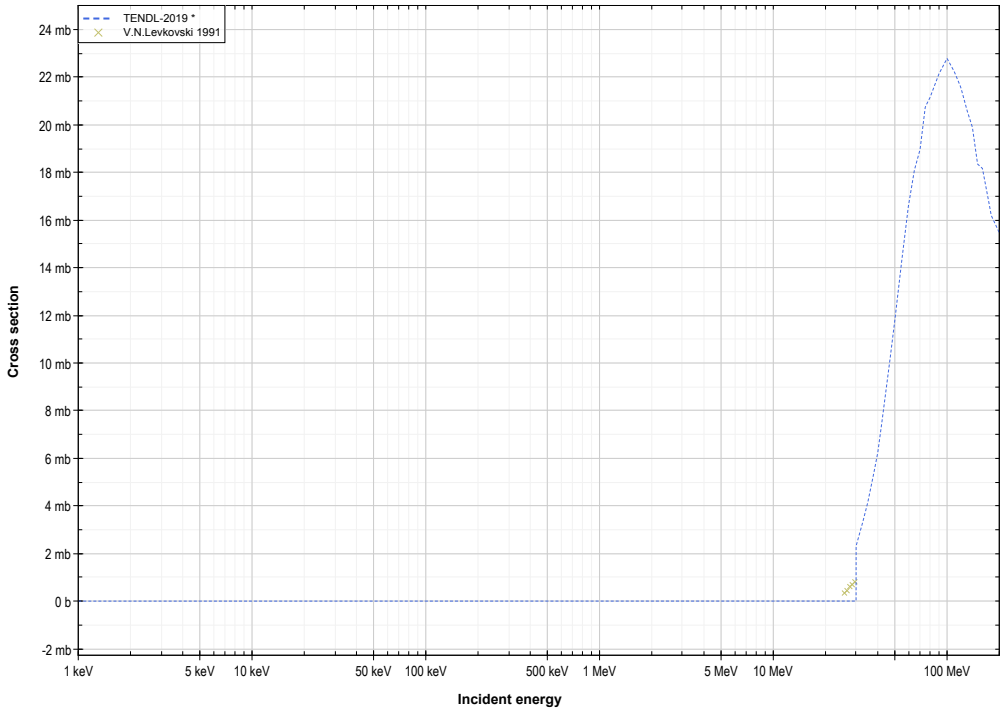
Reaction	Q-Value
Mo98(p,2p)Nb97	-9798.94 keV

<< 42-Mo-92	**42-Mo-98**	50-Sn-112 >>
<< MT111 (p,2p)	**MT115 (p,p+d) or MT5 (Nb96 production)**	42-Mo-100 MT4 (p,n) >>

Mo98 (p,p+d) or Nb96 production log-log



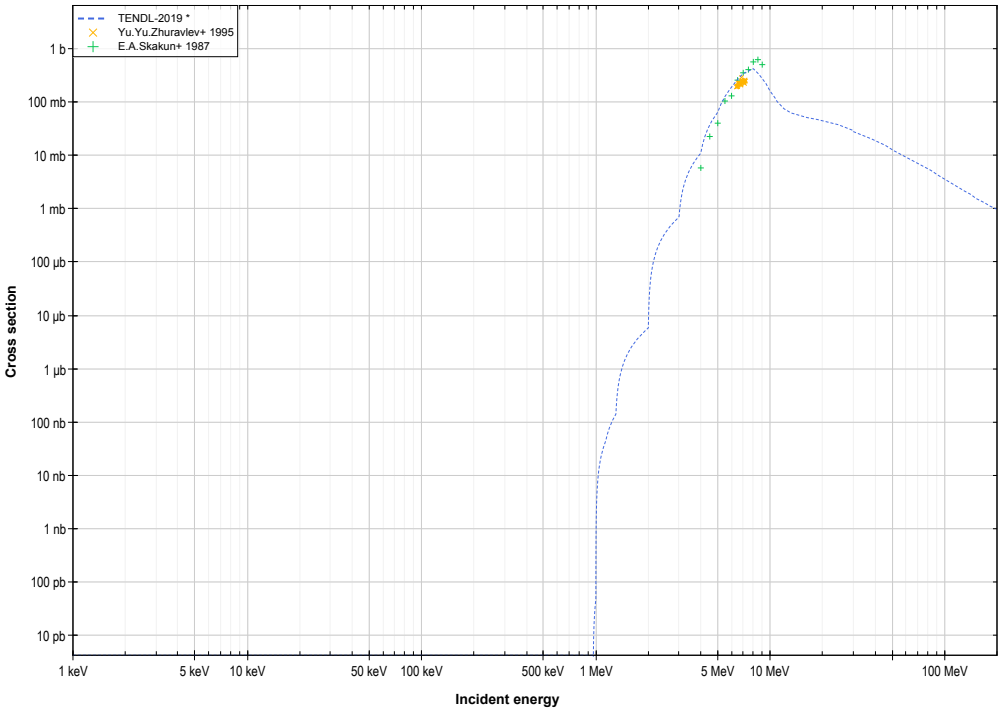
Mo98 (p,p+d) or Nb96 production lin-log



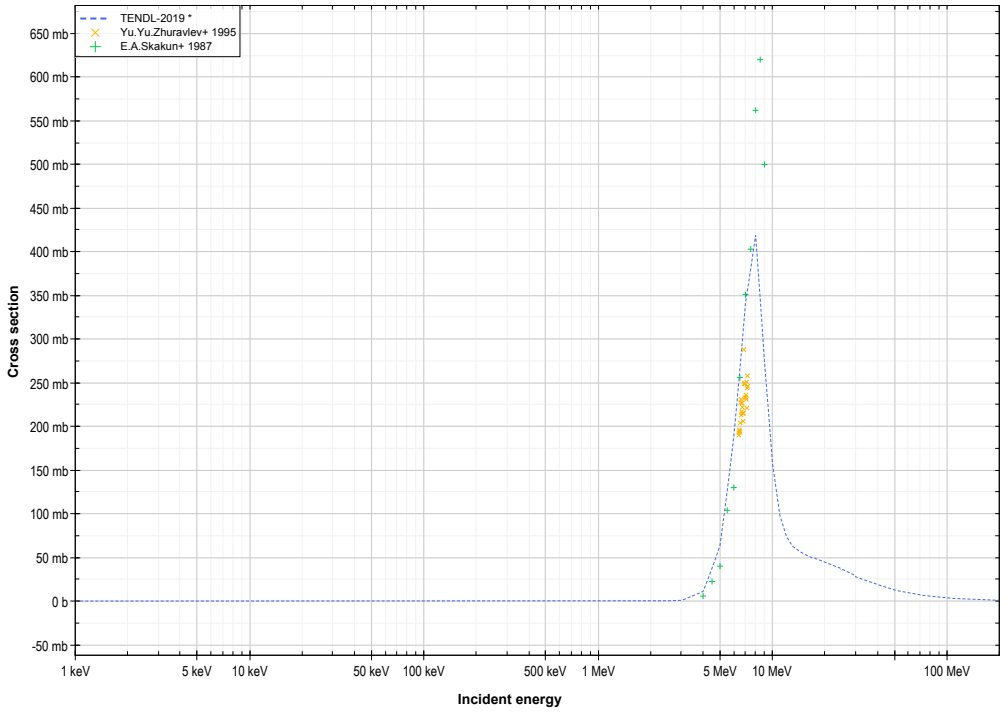
Reaction	Q-Value
Mo98(p,He3)Nb96	-10155.40 keV
Mo98(p,p+d)Nb96	-15648.87 keV
Mo98(p,n+2p)Nb96	-17873.44 keV

<< 42-Mo-98	**42-Mo-100**	44-Ru-99 >>
<< 42-Mo-98 MT115 (p,p+d)	**MT4 (p,n) or MT5 (Tc100 production)**	MT16 (p,2n) >>

Mo100 (p,n) or Tc100 production log-log



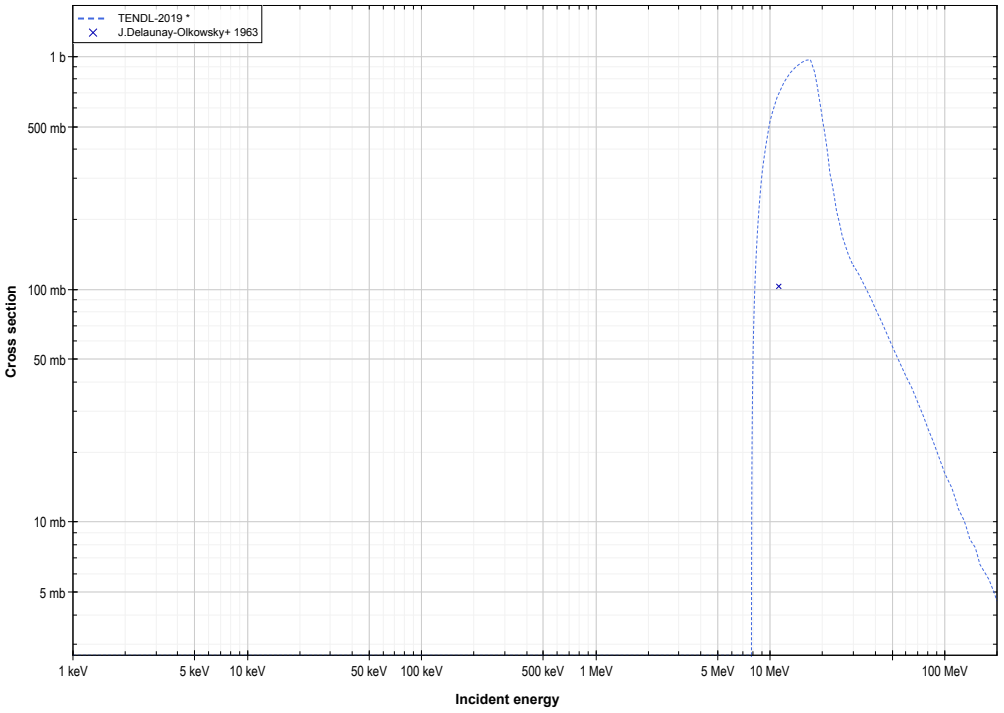
Mo100 (p,n) or Tc100 production lin-log



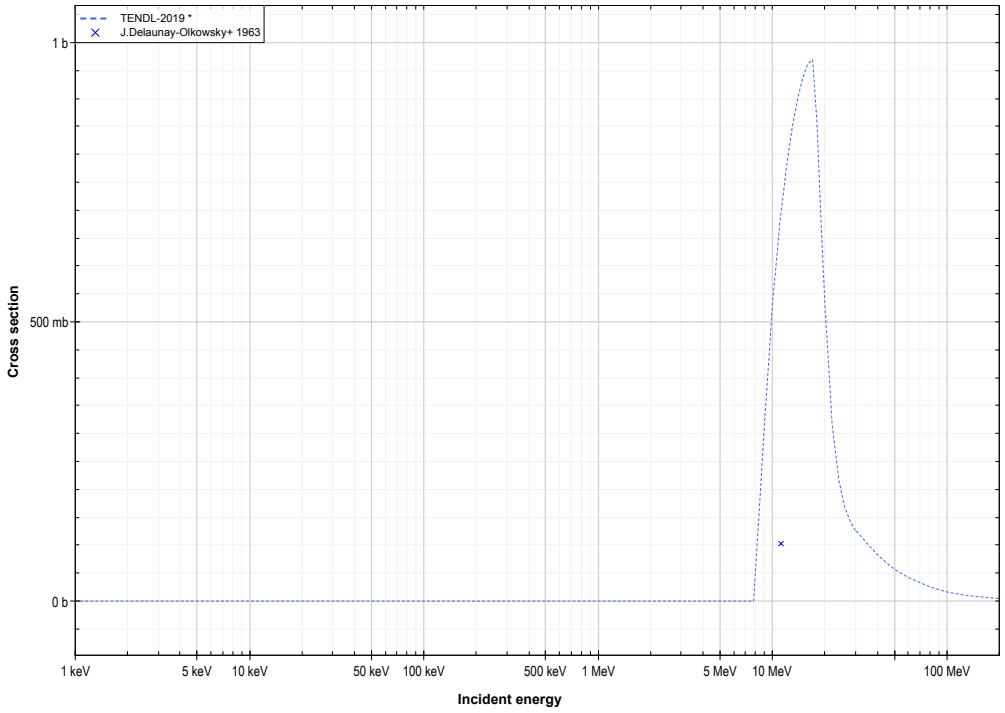
Reaction	Q-Value
Mo100(p,n)Tc100	-954.45 keV

<< 42-Mo-97	**42-Mo-100**	48-Cd-108 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Tc99 production)**	MT22 (p,n+α) >>

Mo100 (p,2n) or Tc99 production log-log



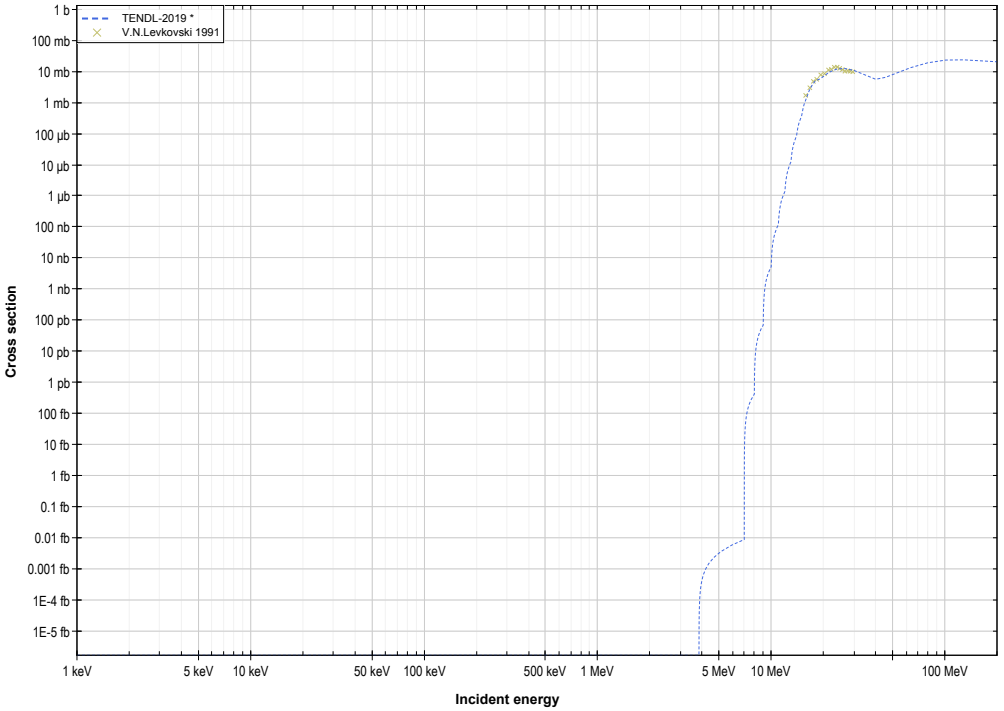
Mo100 (p,2n) or Tc99 production lin-log



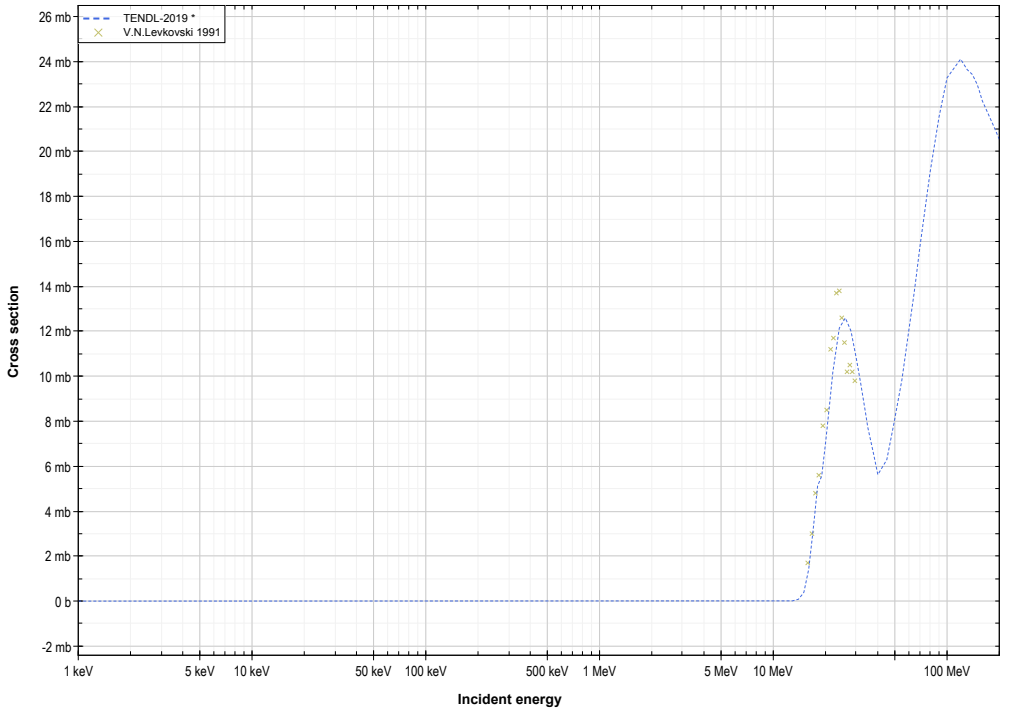
Reaction	Q-Value
Mo100(p,2n)Tc99	-7718.76 keV

<< 42-Mo-94	**42-Mo-100**	48-Cd-114 >>
<< MT16 (p,2n)	**MT22 (p,n+α) or MT5 (Nb96 production)**	MT24 (p,2n+α) >>

Mo100 (p,n+α) or Nb96 production log-log



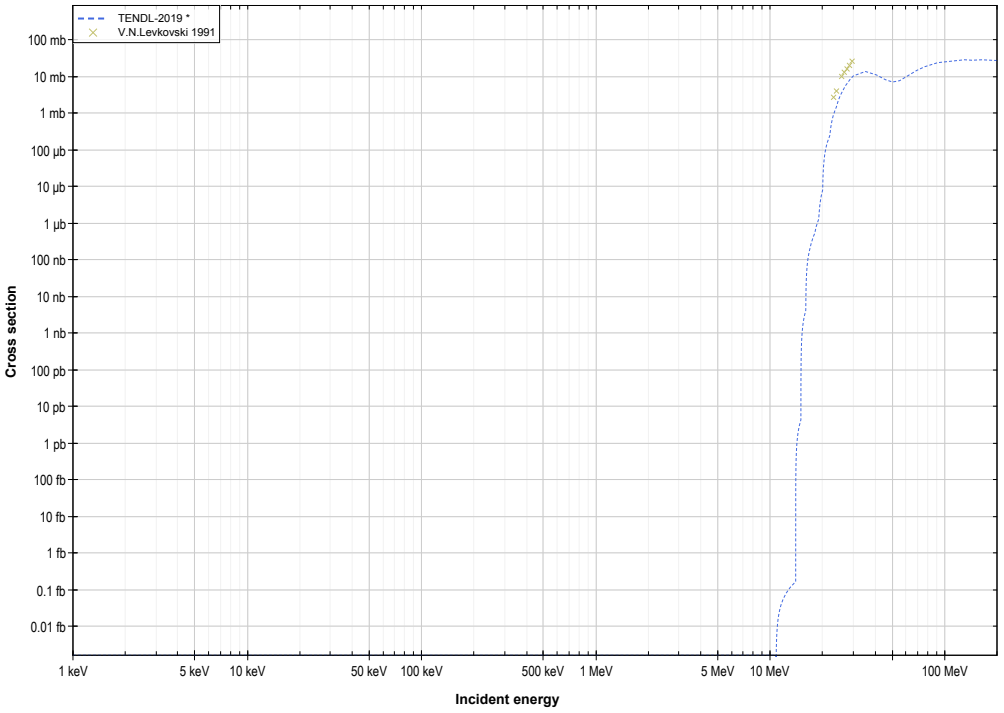
Mo100 (p,n+α) or Nb96 production lin-log



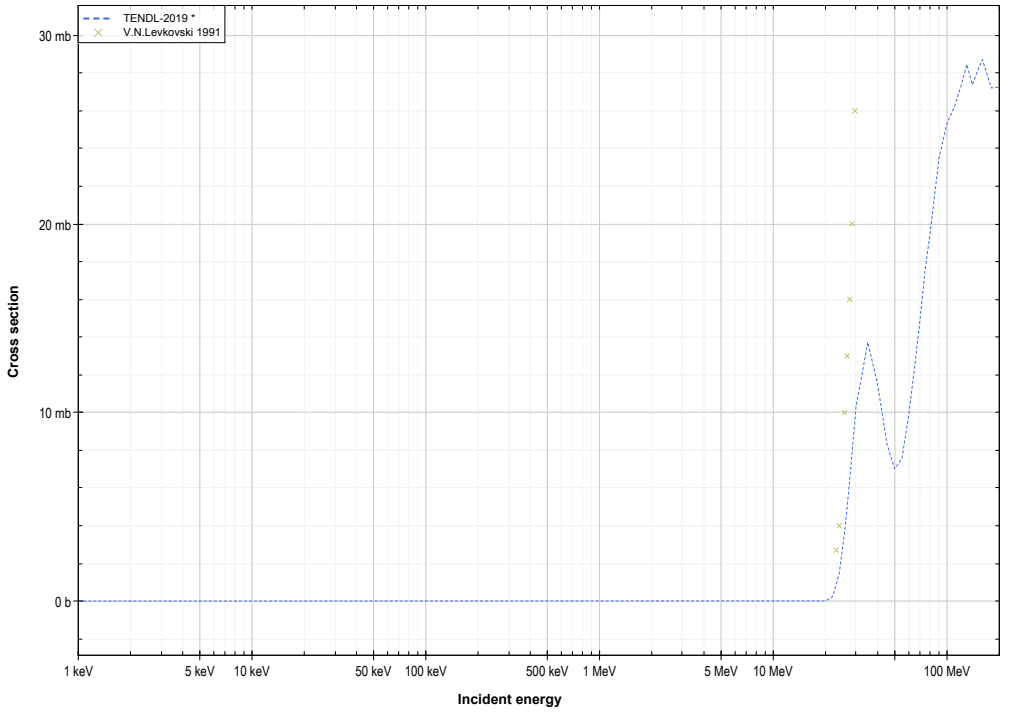
Reaction	Q-Value
Mo100(p,n+α)Nb96	-3797.44 keV
Mo100(p,d+t)Nb96	-21386.74 keV
Mo100(p,n+p+t)Nb96	-23611.31 keV
Mo100(p,2n+He3)Nb96	-24375.06 keV
Mo100(p,n+2d)Nb96	-27643.97 keV
Mo100(p,2n+p+d)Nb96	-29868.54 keV
Mo100(p,3n+2p)Nb96	-32093.10 keV

<< 41-Nb-93	**42-Mo-100**	52-Te-125 >>
<< MT22 (p,n+α)	**MT24 (p,2n+α) or MT5 (Nb95 production)**	MT28 (p,n+p) >>

Mo100 (p,2n+α) or Nb95 production log-log



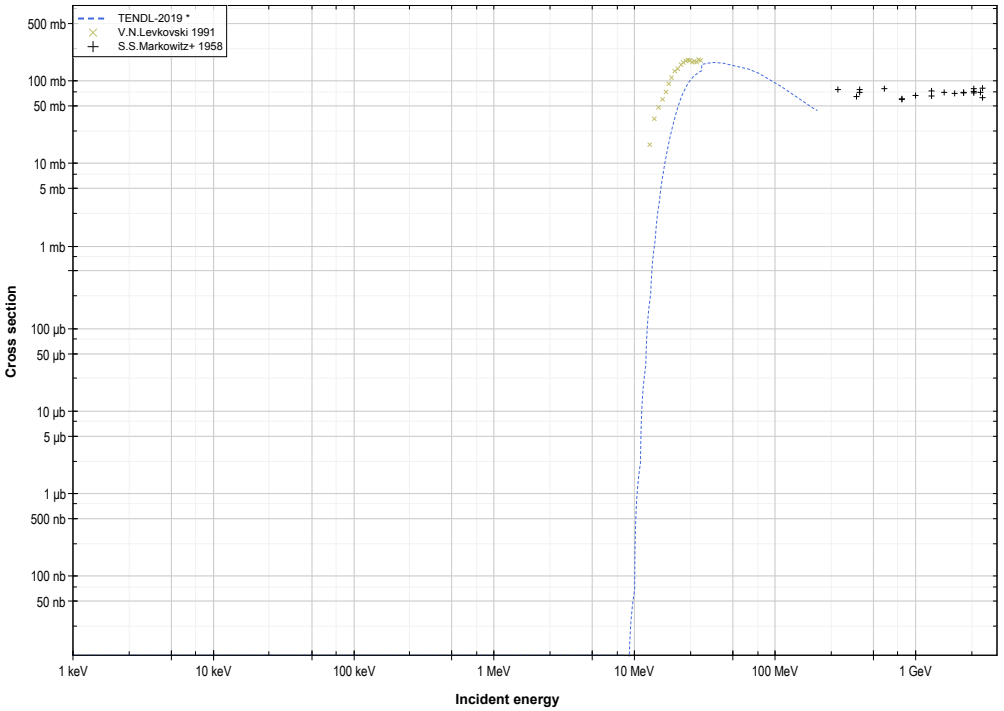
Mo100 (p,2n+α) or Nb95 production lin-log



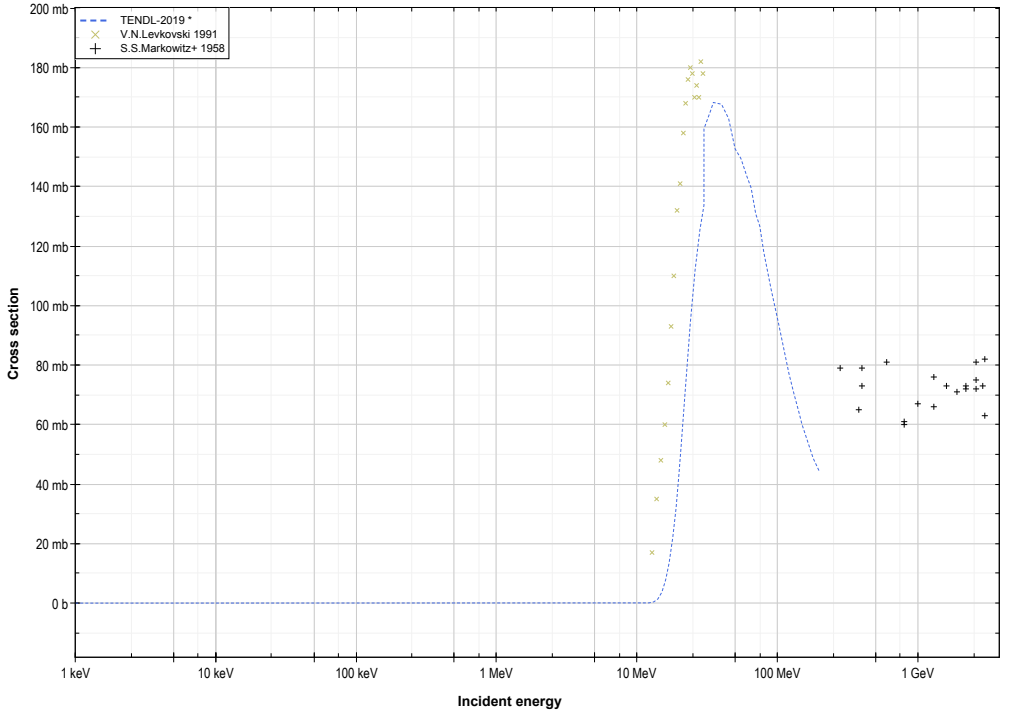
Reaction	Q-Value
Mo100(p,2n+α)Nb95	-10685.28 keV
Mo100(p,2t)Nb95	-22017.35 keV
Mo100(p,n+d+t)Nb95	-28274.58 keV
Mo100(p,2n+p+t)Nb95	-30499.14 keV
Mo100(p,3n+He3)Nb95	-31262.90 keV
Mo100(p,2n+2d)Nb95	-34531.81 keV
Mo100(p,3n+p+d)Nb95	-36756.37 keV
Mo100(p,4n+2p)Nb95	-38980.94 keV

<< 42-Mo-94	**42-Mo-100**	45-Rh-103 >>
<< MT24 (p,2n+α)	**MT28 (p,n+p) or MT5 (Mo99 production)**	MT102 (p,γ) >>

Mo100 (p,n+p) or Mo99 production log-log



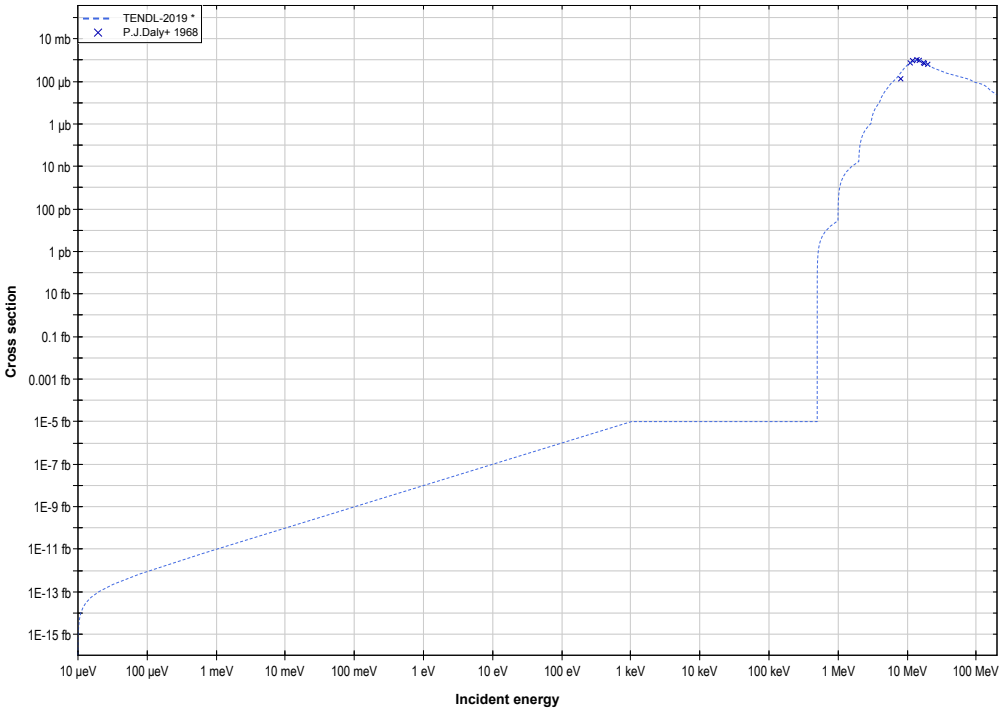
Mo100 (p,n+p) or Mo99 production lin-log



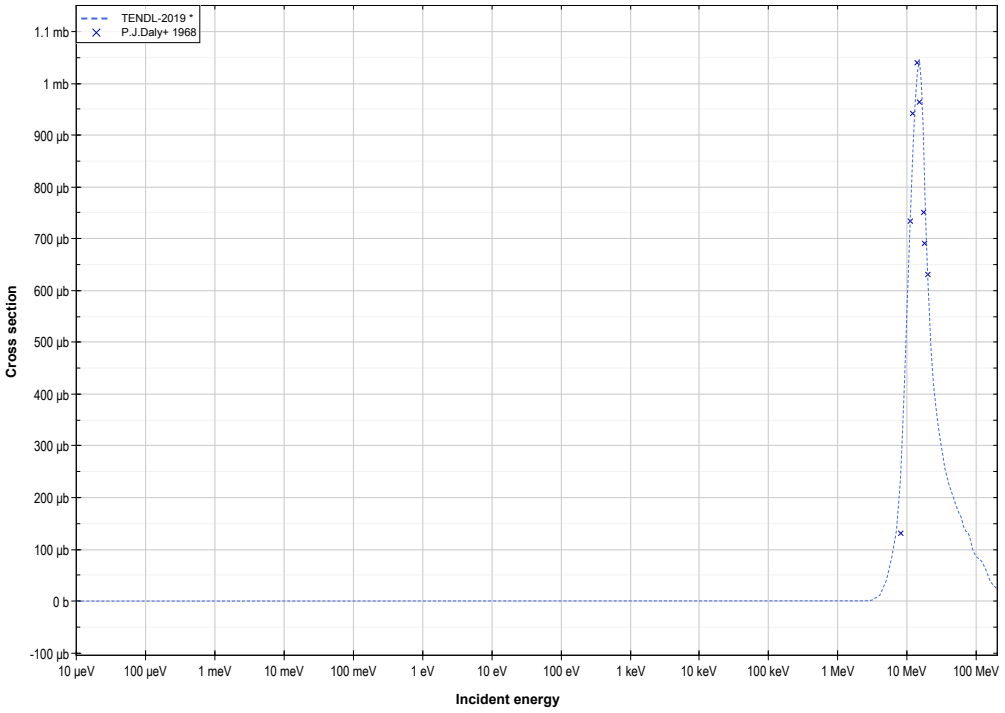
Reaction	Q-Value
Mo100(p,d)Mo99	-6069.65 keV
Mo100(p,n+p)Mo99	-8294.22 keV

<< 42-Mo-98	**42-Mo-100**	47-Ag-107 >>
<< MT28 (p,n+p)	**MT102 (p,γ) or MT5 (Tc101 production)**	MT104 (p,d) >>

Mo100 (p,γ) or Tc101 production log-log



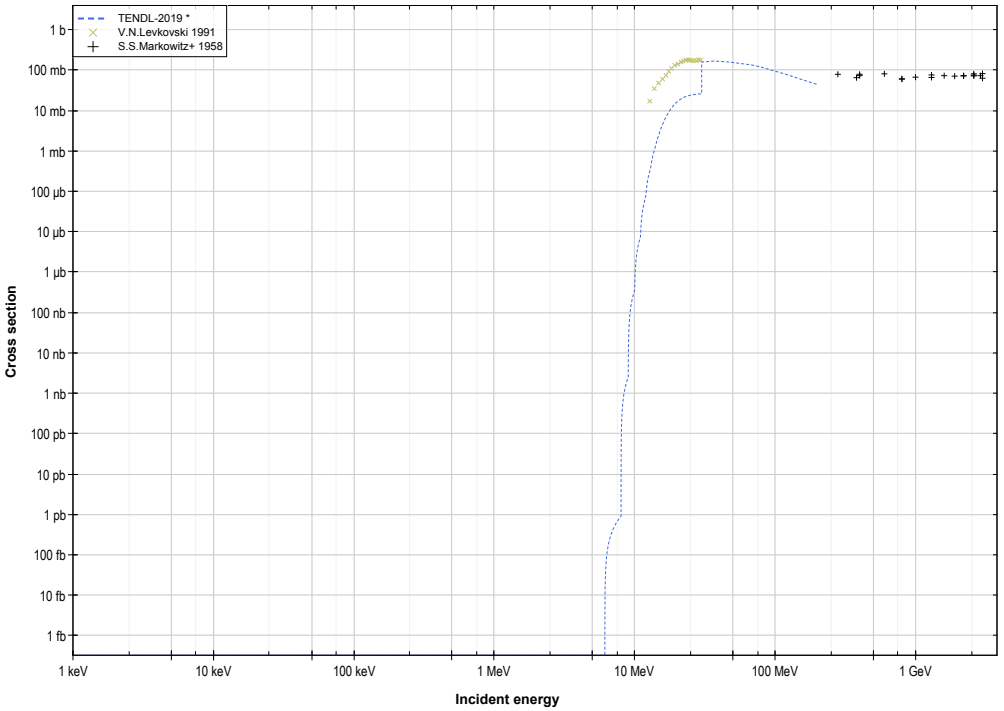
Mo100 (p,γ) or Tc101 production lin-log



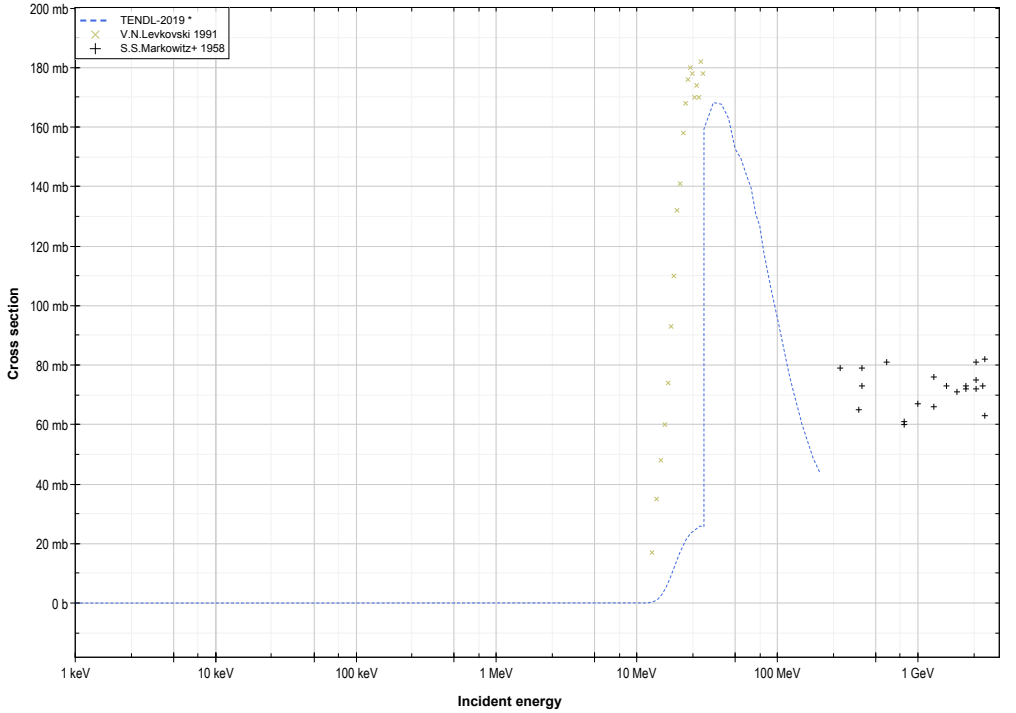
Reaction	Q-Value
Mo100(p,γ)Tc101	7440.97 keV

<< 42-Mo-94	**42-Mo-100**	45-Rh-103 >>
<< MT102 (p,γ)	**MT104 (p,d) or MT5 (Mo99 production)**	MT107 (p,α) >>

Mo100 (p,d) or Mo99 production log-log



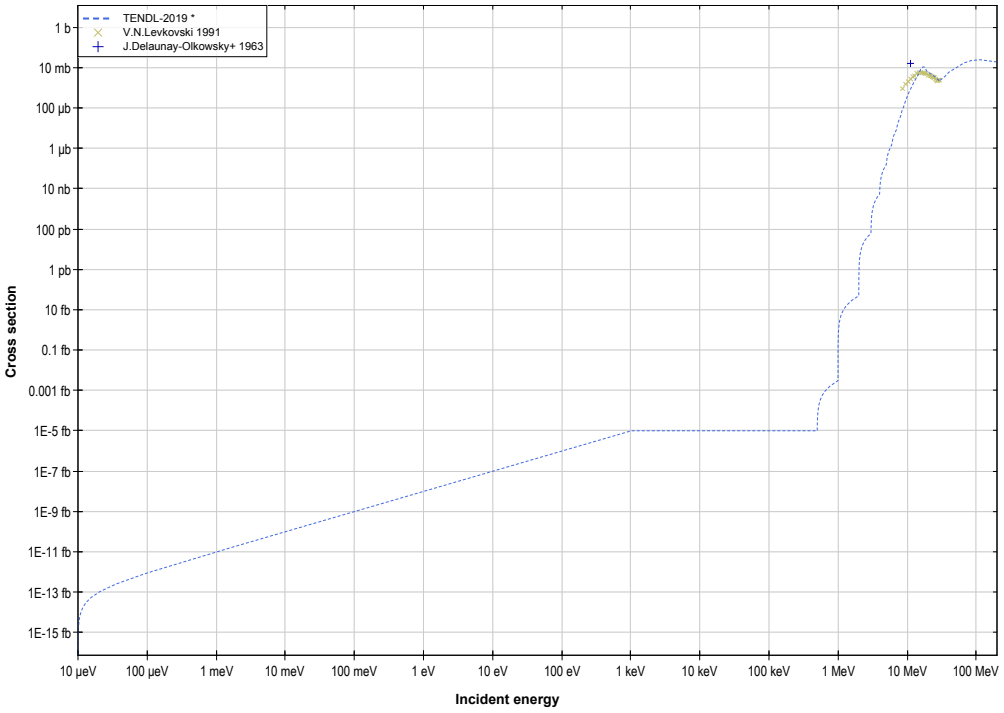
Mo100 (p,d) or Mo99 production lin-log



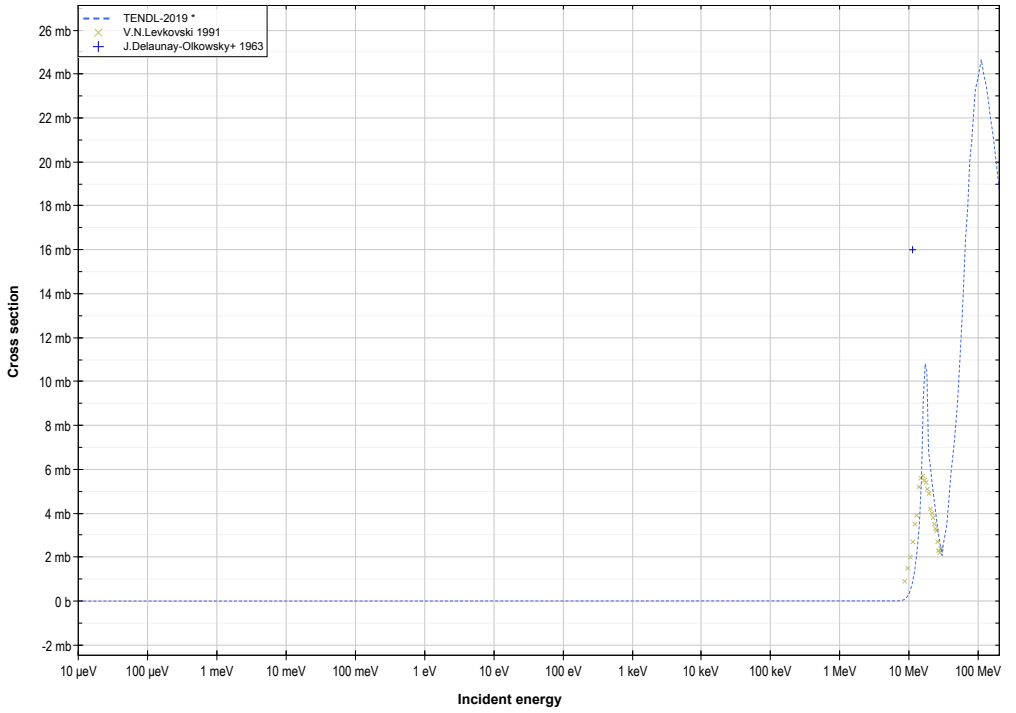
Reaction	Q-Value
Mo100(p,d)Mo99	-6069.65 keV
Mo100(p,n+p)Mo99	-8294.22 keV

<< 42-Mo-98	**42-Mo-100**	48-Cd-114 >>
<< MT104 (p,d)	**MT107 (p,α) or MT5 (Nb97 production)**	MT176 (p,2n+³He) >>

Mo100 (p,α) or Nb97 production log-log



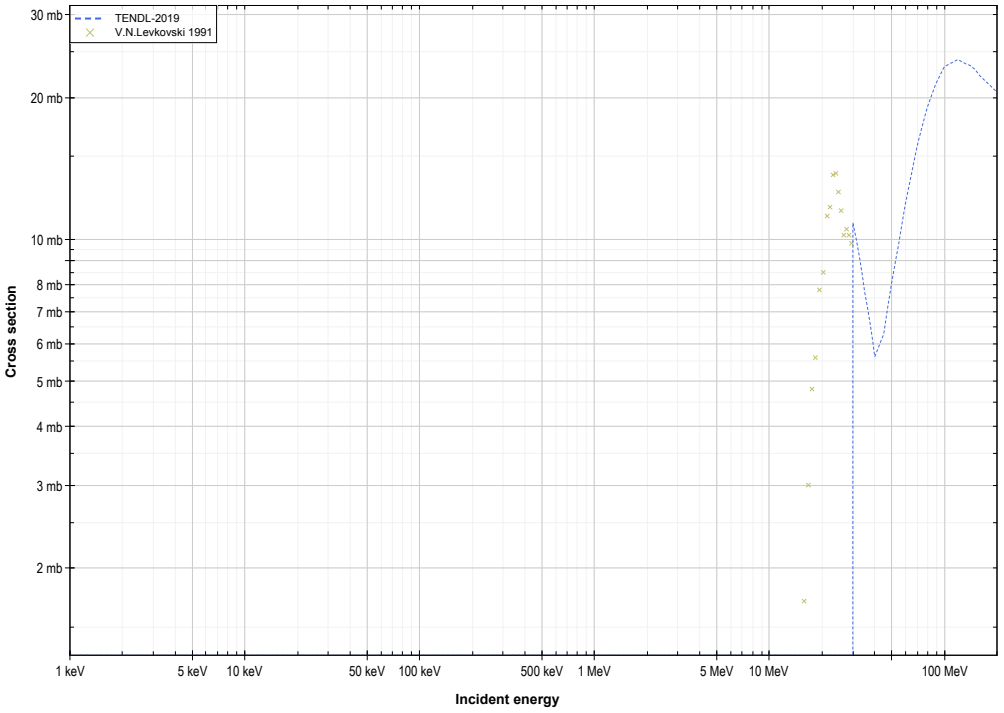
Mo100 (p,α) or Nb97 production lin-log



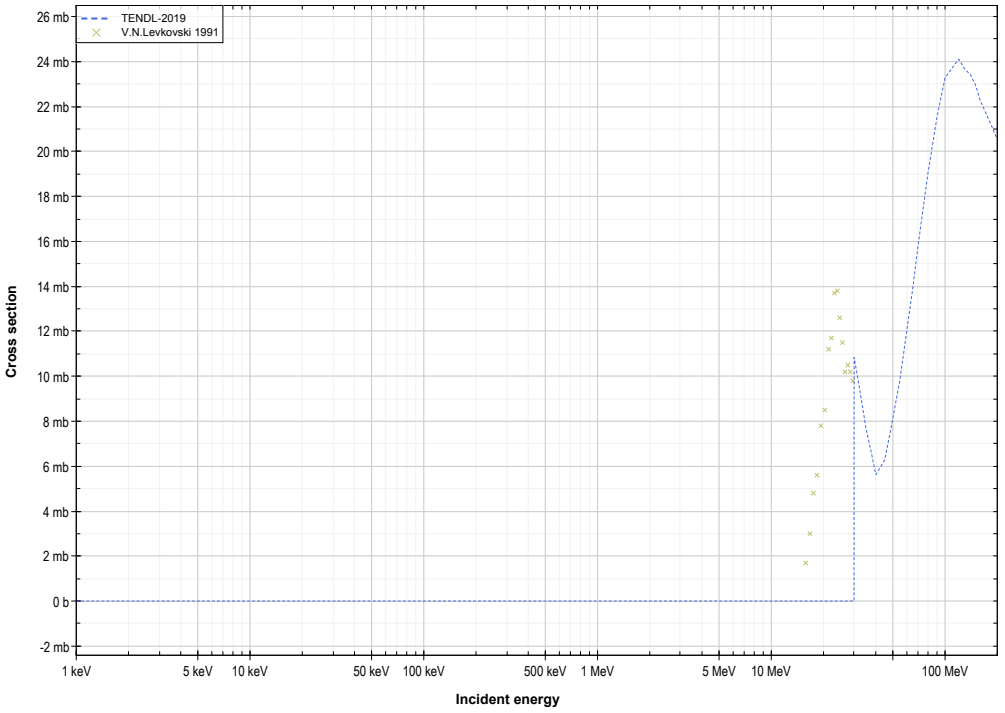
Reaction	Q-Value
Mo100(p,α)Nb97	4277.05 keV
Mo100(p,p+t)Nb97	-15536.81 keV
Mo100(p,n+He3)Nb97	-16300.56 keV
Mo100(p,2d)Nb97	-19569.47 keV
Mo100(p,n+p+d)Nb97	-21794.04 keV
Mo100(p,2n+2p)Nb97	-24018.60 keV

<< 42-Mo-94	**42-Mo-100**	52-Te-126 >>
<< MT107 (p,α)	**MT176 (p,2n+³He) or MT5 (Nb96 production)**	MT177 (p,3n+³He) >>

Mo100 (p,2n+³He) or Nb96 production log-log



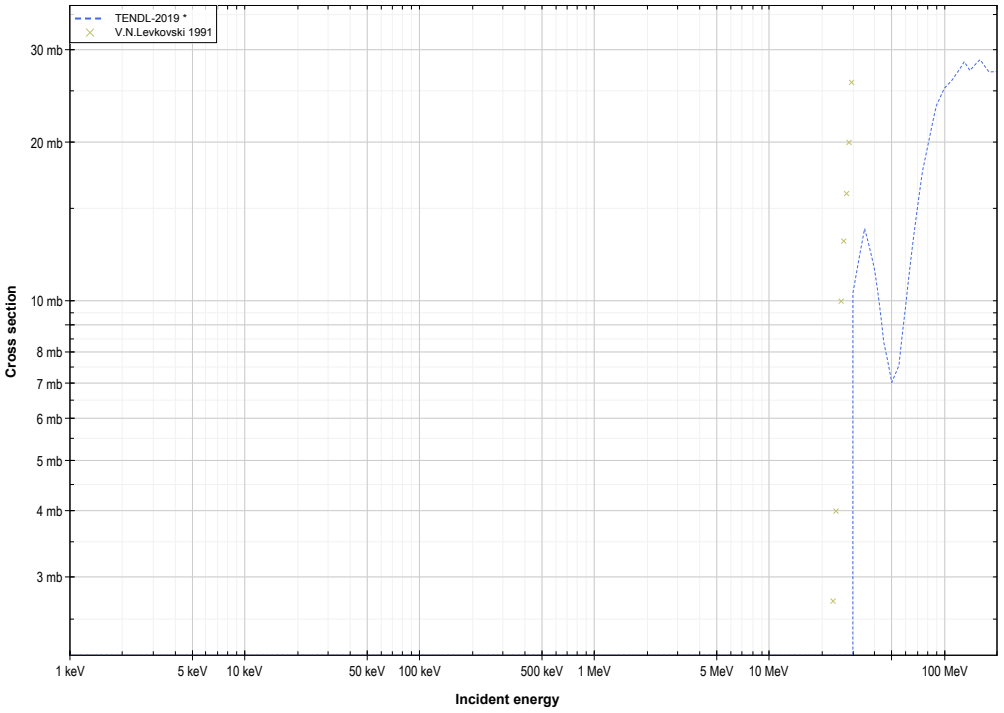
Mo100 (p,2n+³He) or Nb96 production lin-log



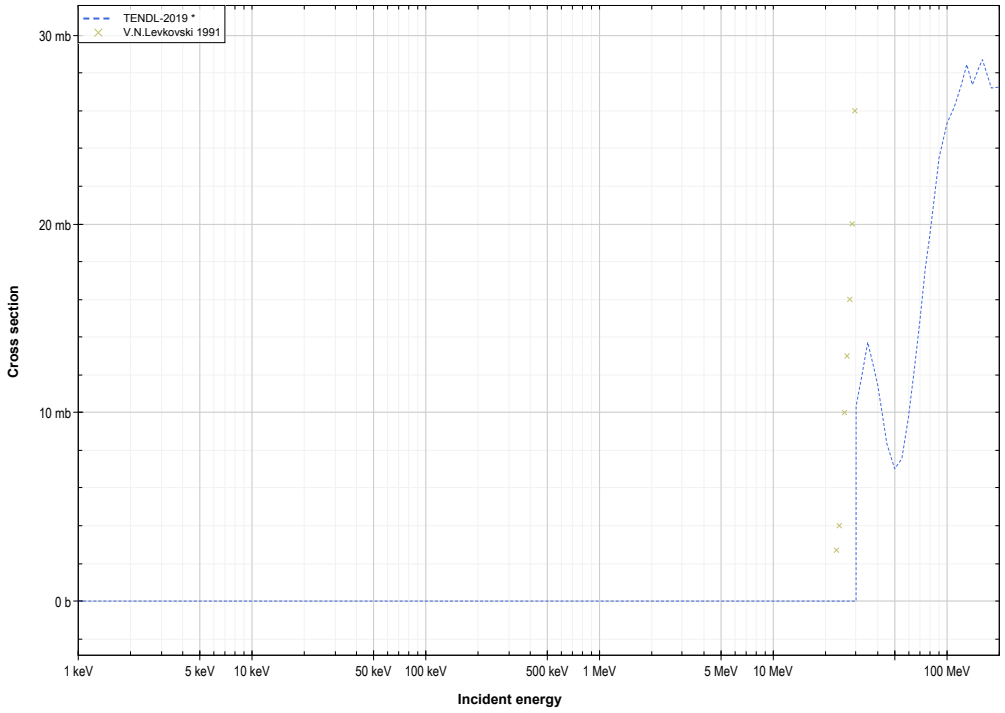
Reaction	Q-Value
Mo100(p,n+α)Nb96	-3797.44 keV
Mo100(p,d+t)Nb96	-21386.74 keV
Mo100(p,n+p+t)Nb96	-23611.31 keV
Mo100(p,2n+He3)Nb96	-24375.06 keV
Mo100(p,n+2d)Nb96	-27643.97 keV
Mo100(p,2n+p+d)Nb96	-29868.54 keV
Mo100(p,3n+2p)Nb96	-32093.10 keV

<< 41-Nb-93	**42-Mo-100**	52-Te-125 >>
<< MT176 (p,2n+³He)	**MT177 (p,3n+³He) or MT5 (Nb95 production)**	MT179 (p,3n+2p) >>

Mo100 (p,3n+³He) or Nb95 production log-log



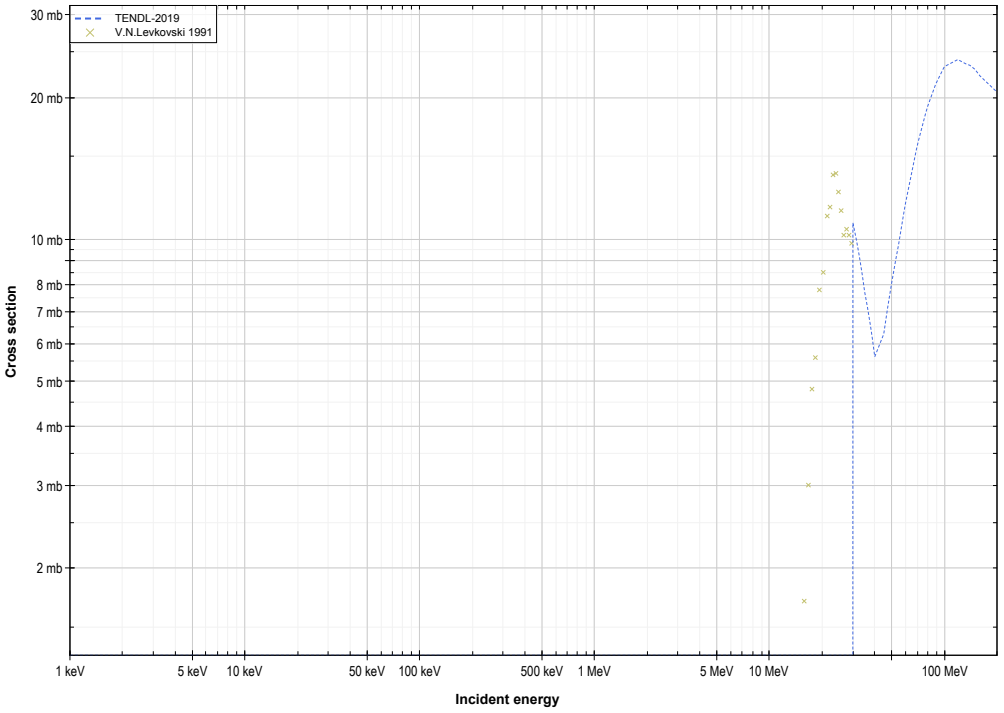
Mo100 (p,3n+³He) or Nb95 production lin-log



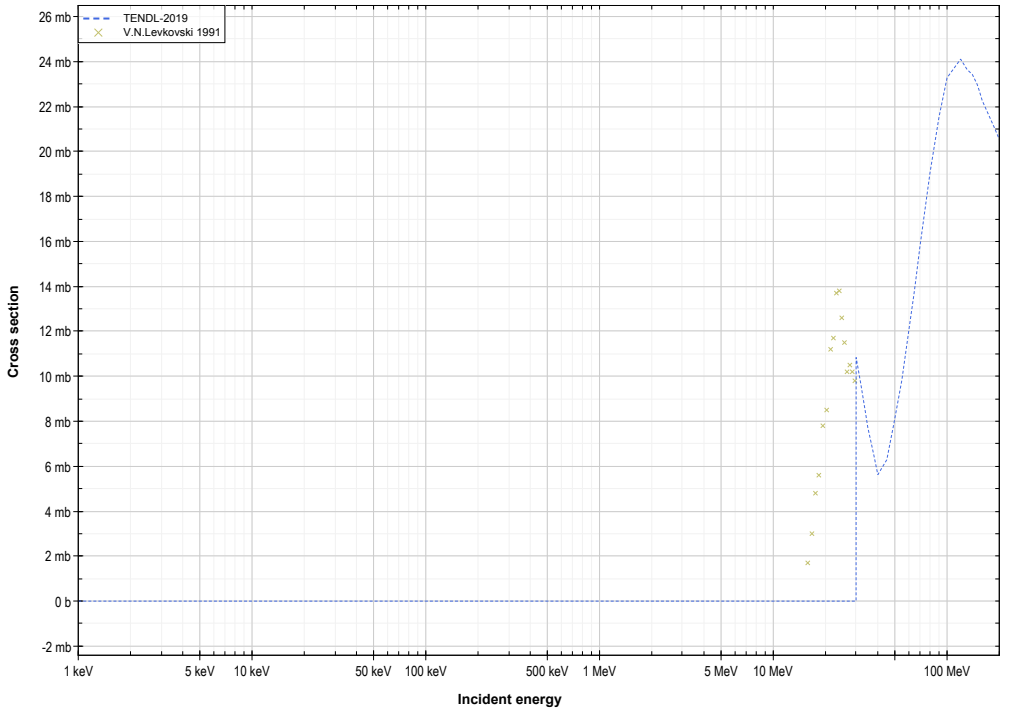
Reaction	Q-Value
Mo100(p,2n+α)Nb95	-10685.28 keV
Mo100(p,2t)Nb95	-22017.35 keV
Mo100(p,n+d+t)Nb95	-28274.58 keV
Mo100(p,2n+p+t)Nb95	-30499.14 keV
Mo100(p,3n+He3)Nb95	-31262.90 keV
Mo100(p,2n+2d)Nb95	-34531.81 keV
Mo100(p,3n+p+d)Nb95	-36756.37 keV
Mo100(p,4n+2p)Nb95	-38980.94 keV

<< 42-Mo-94	**42-Mo-100**	52-Te-126 >>
<< MT177 (p,3n+^{3}He)	**MT179 (p,3n+2p) or MT5 (Nb96 production)**	MT182 (p,d+t) >>

Mo100 (p,3n+2p) or Nb96 production log-log



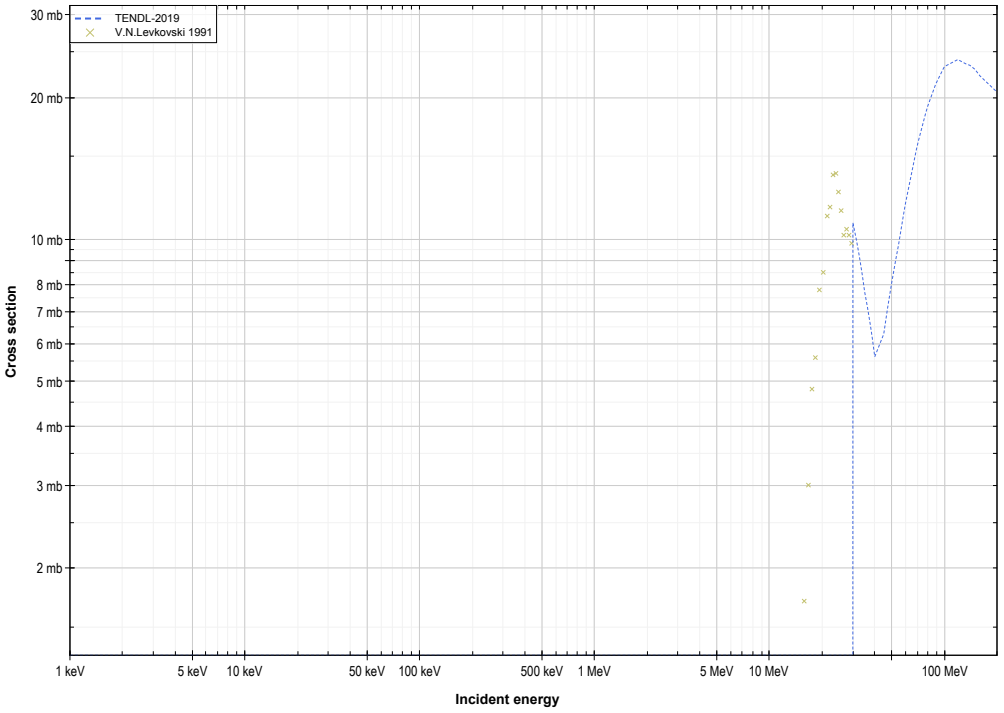
Mo100 (p,3n+2p) or Nb96 production lin-log



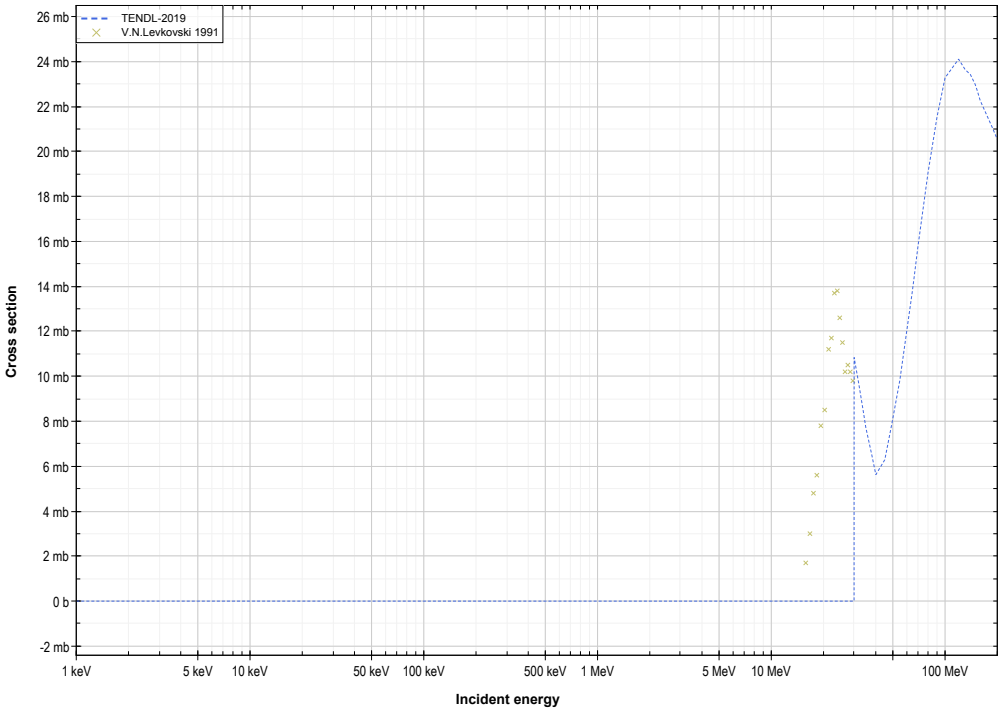
Reaction	Q-Value
Mo100(p,n+α)Nb96	-3797.44 keV
Mo100(p,d+t)Nb96	-21386.74 keV
Mo100(p,n+p+t)Nb96	-23611.31 keV
Mo100(p,2n+He3)Nb96	-24375.06 keV
Mo100(p,n+2d)Nb96	-27643.97 keV
Mo100(p,2n+p+d)Nb96	-29868.54 keV
Mo100(p,3n+2p)Nb96	-32093.10 keV

<< 42-Mo-94	**42-Mo-100**	52-Te-126 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Nb96 production)**	MT184 (p,n+p+t) >>

Mo100 (p,d+t) or Nb96 production log-log



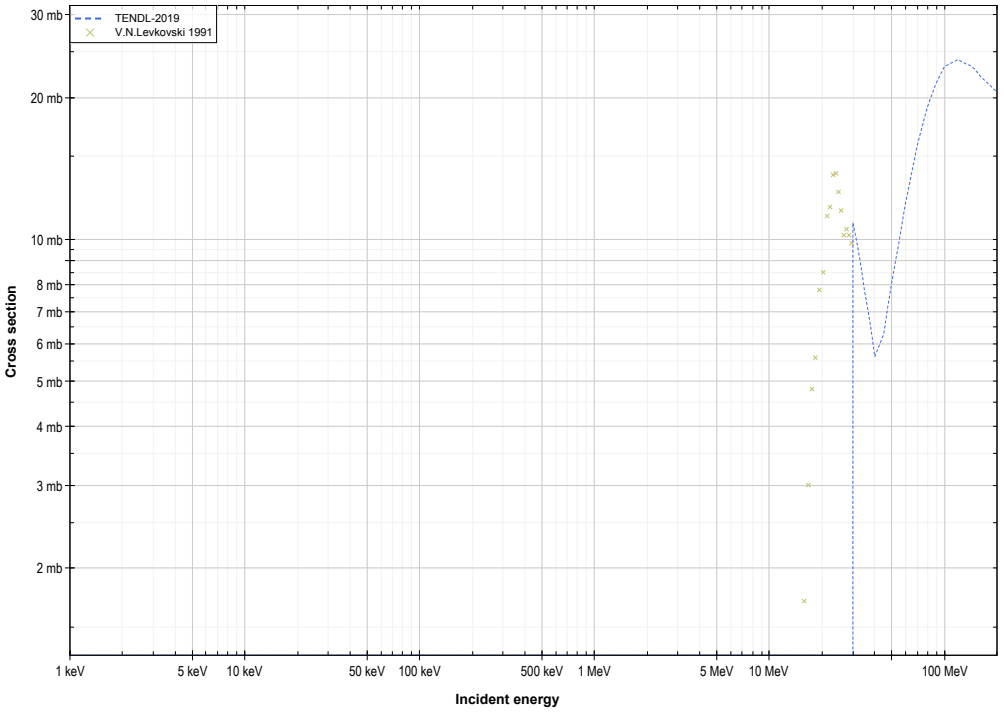
Mo100 (p,d+t) or Nb96 production lin-log



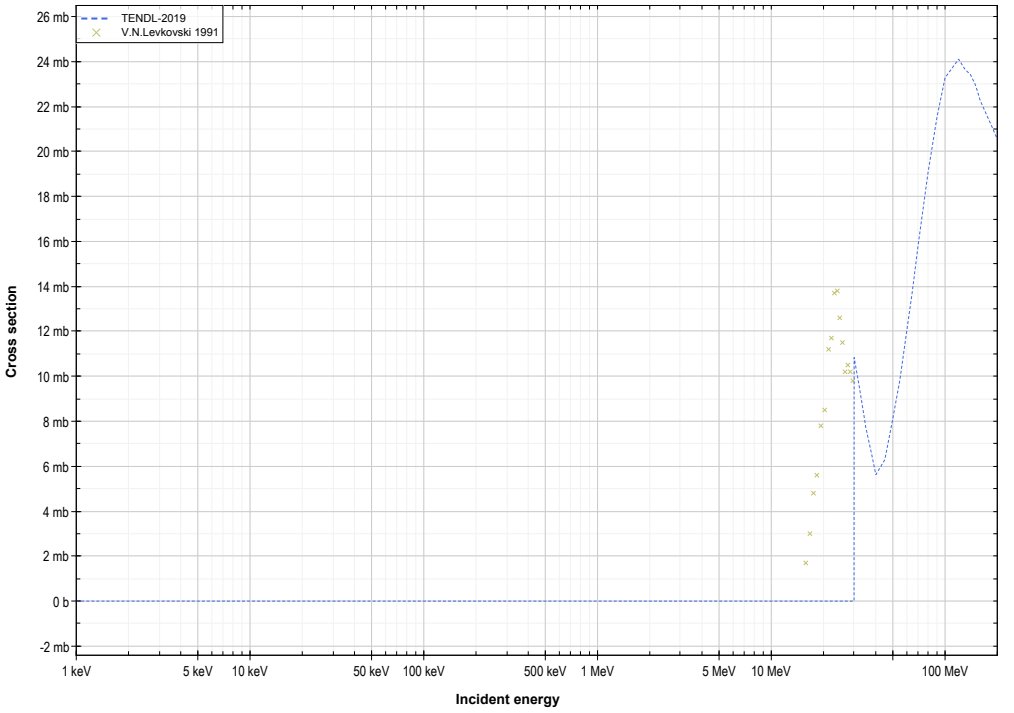
Reaction	Q-Value
Mo100(p,n+α)Nb96	-3797.44 keV
Mo100(p,d+t)Nb96	-21386.74 keV
Mo100(p,n+p+t)Nb96	-23611.31 keV
Mo100(p,2n+He3)Nb96	-24375.06 keV
Mo100(p,n+2d)Nb96	-27643.97 keV
Mo100(p,2n+p+d)Nb96	-29868.54 keV
Mo100(p,3n+2p)Nb96	-32093.10 keV

<< 42-Mo-94	**42-Mo-100**	52-Te-126 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Nb96 production)**	MT185 (p,n+d+t) >>

Mo100 (p,n+p+t) or Nb96 production log-log



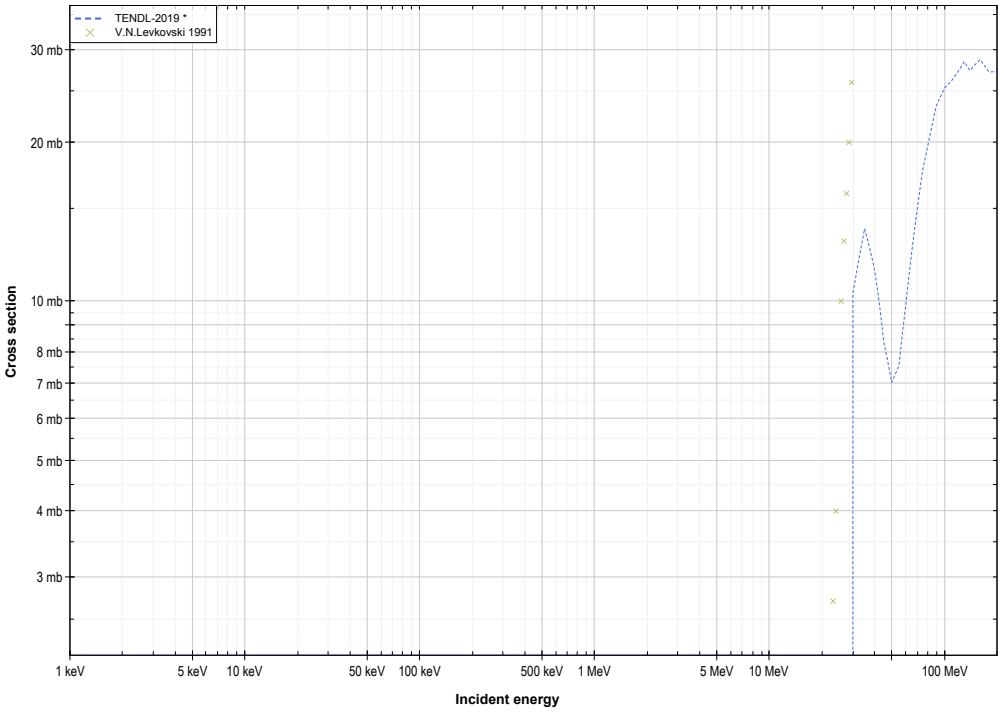
Mo100 (p,n+p+t) or Nb96 production lin-log



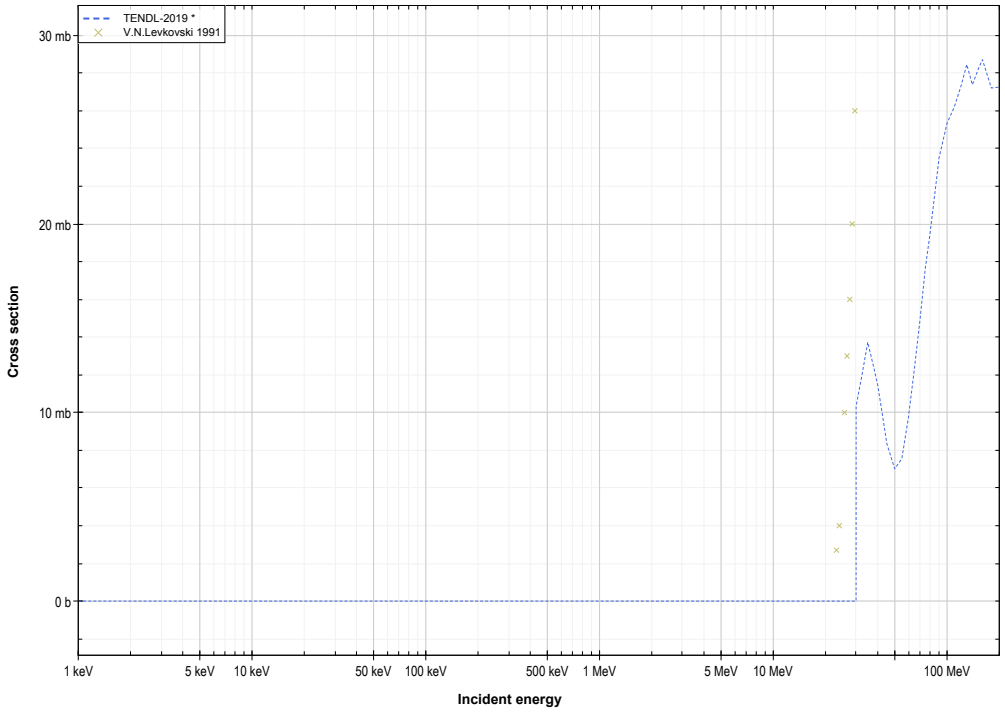
Reaction	Q-Value
Mo100(p,n+α)Nb96	-3797.44 keV
Mo100(p,d+t)Nb96	-21386.74 keV
Mo100(p,n+p+t)Nb96	-23611.31 keV
Mo100(p,2n+He3)Nb96	-24375.06 keV
Mo100(p,n+2d)Nb96	-27643.97 keV
Mo100(p,2n+p+d)Nb96	-29868.54 keV
Mo100(p,3n+2p)Nb96	-32093.10 keV

<< 41-Nb-93	**42-Mo-100**	52-Te-125 >>
<< MT184 (p,n+p+t)	**MT185 (p,n+d+t) or MT5 (Nb95 production)**	MT194 (p,4n+2p) >>

Mo100 (p,n+d+t) or Nb95 production log-log



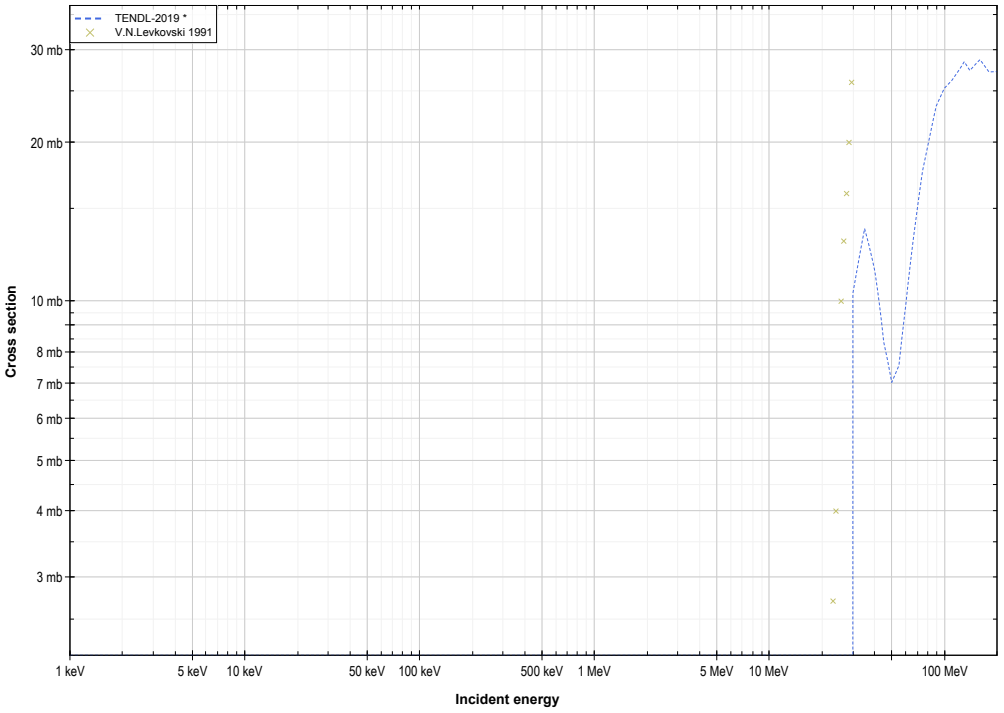
Mo100 (p,n+d+t) or Nb95 production lin-log



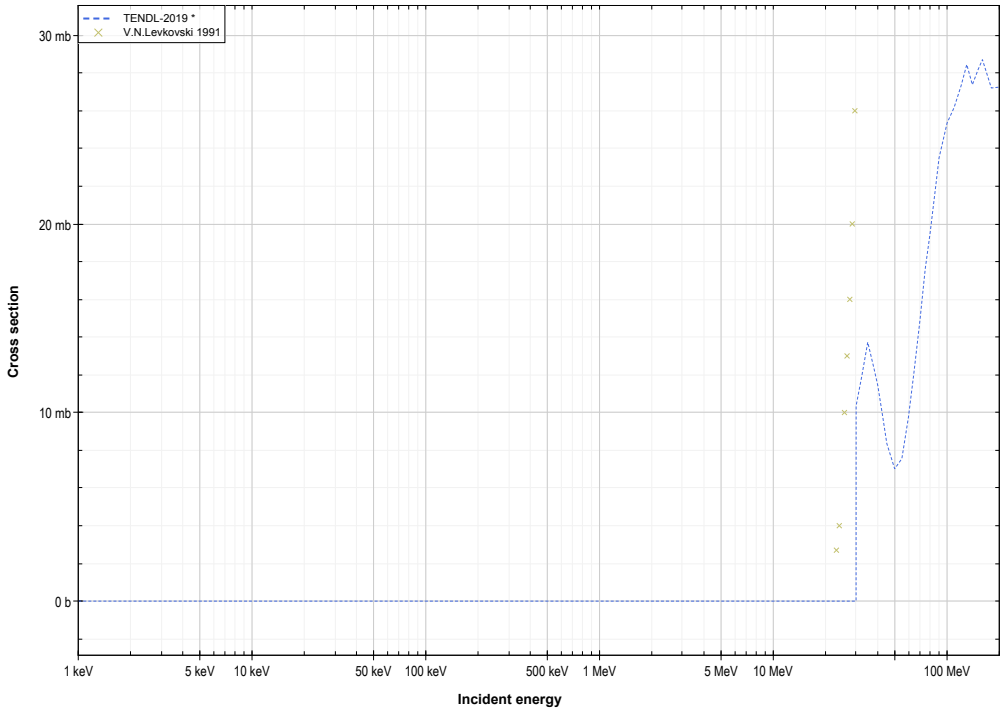
Reaction	Q-Value
Mo100(p,2n+α)Nb95	-10685.28 keV
Mo100(p,2t)Nb95	-22017.35 keV
Mo100(p,n+d+t)Nb95	-28274.58 keV
Mo100(p,2n+p+t)Nb95	-30499.14 keV
Mo100(p,3n+He3)Nb95	-31262.90 keV
Mo100(p,2n+2d)Nb95	-34531.81 keV
Mo100(p,3n+p+d)Nb95	-36756.37 keV
Mo100(p,4n+2p)Nb95	-38980.94 keV

<< 41-Nb-93	**42-Mo-100**	52-Te-125 >>
<< MT185 (p,n+d+t)	**MT194 (p,4n+2p) or MT5 (Nb95 production)**	43-Tc-99 MT17 (p,3n) >>

Mo100 (p,4n+2p) or Nb95 production log-log



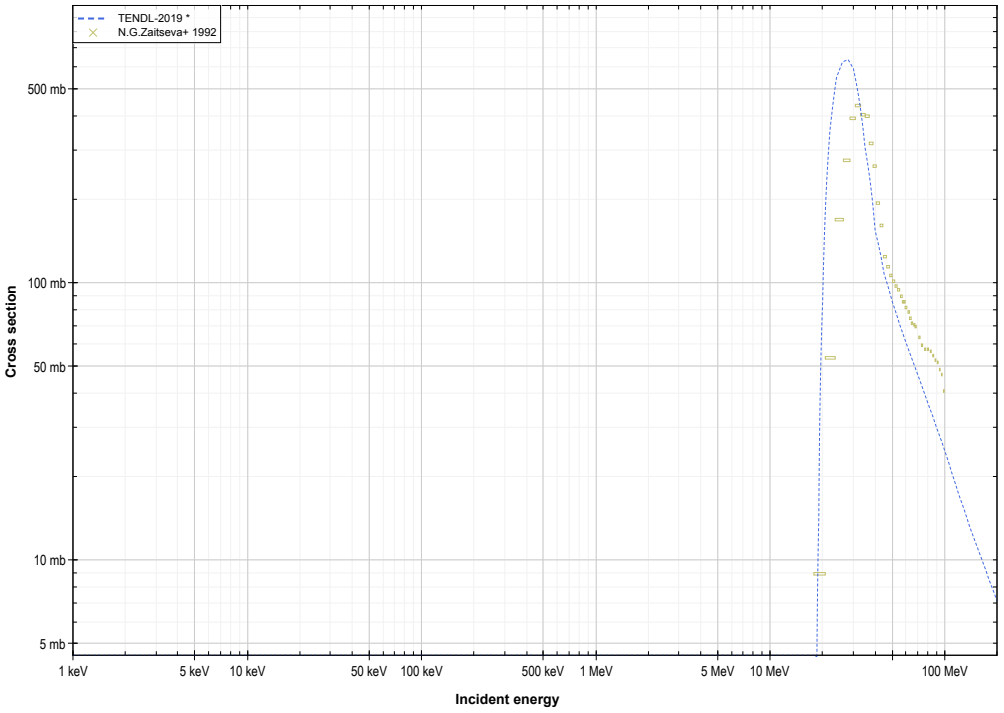
Mo100 (p,4n+2p) or Nb95 production lin-log



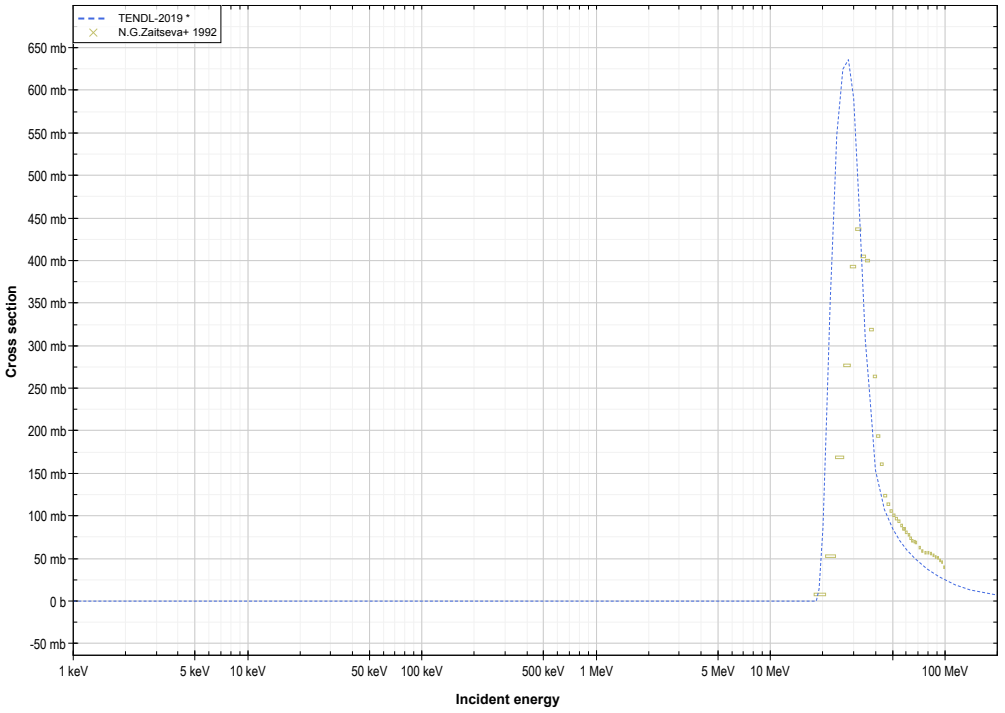
Reaction	Q-Value
Mo100(p,2n+α)Nb95	-10685.28 keV
Mo100(p,2t)Nb95	-22017.35 keV
Mo100(p,n+d+t)Nb95	-28274.58 keV
Mo100(p,2n+p+t)Nb95	-30499.14 keV
Mo100(p,3n+He3)Nb95	-31262.90 keV
Mo100(p,2n+2d)Nb95	-34531.81 keV
Mo100(p,3n+p+d)Nb95	-36756.37 keV
Mo100(p,4n+2p)Nb95	-38980.94 keV

<< 42-Mo-98	**43-Tc-99**	45-Rh-103 >>
<< 42-Mo-100 MT194 (p,4n+2p)	**MT17 (p,3n) or MT5 (Ru97 production)**	MT103 (p,p) >>

Tc99 (p,3n) or Ru97 production log-log



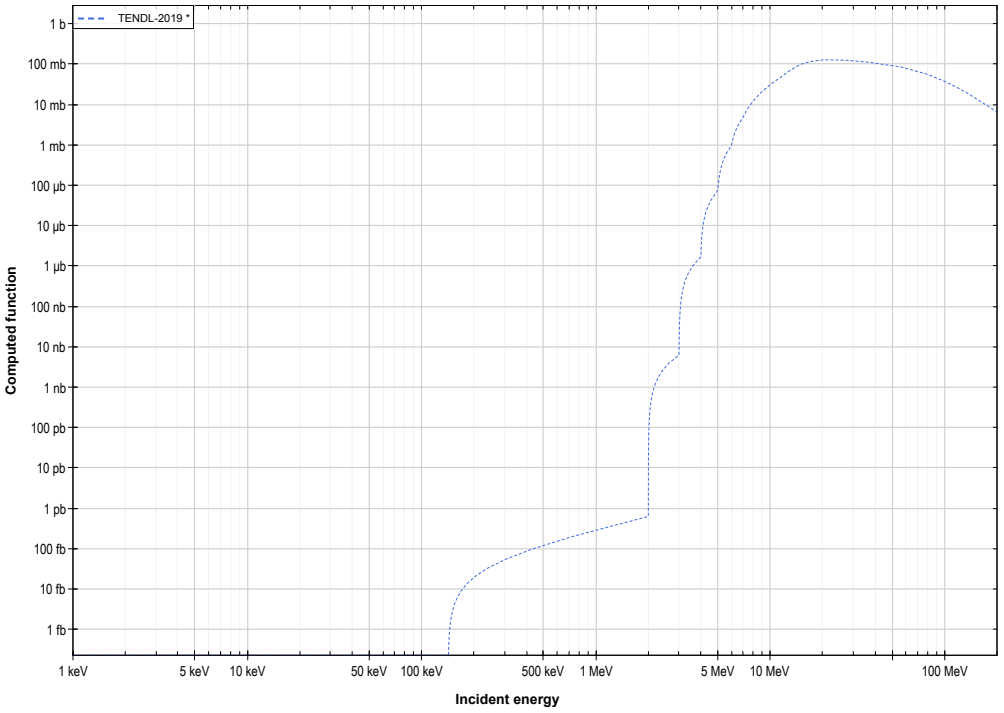
Tc99 (p,3n) or Ru97 production lin-log



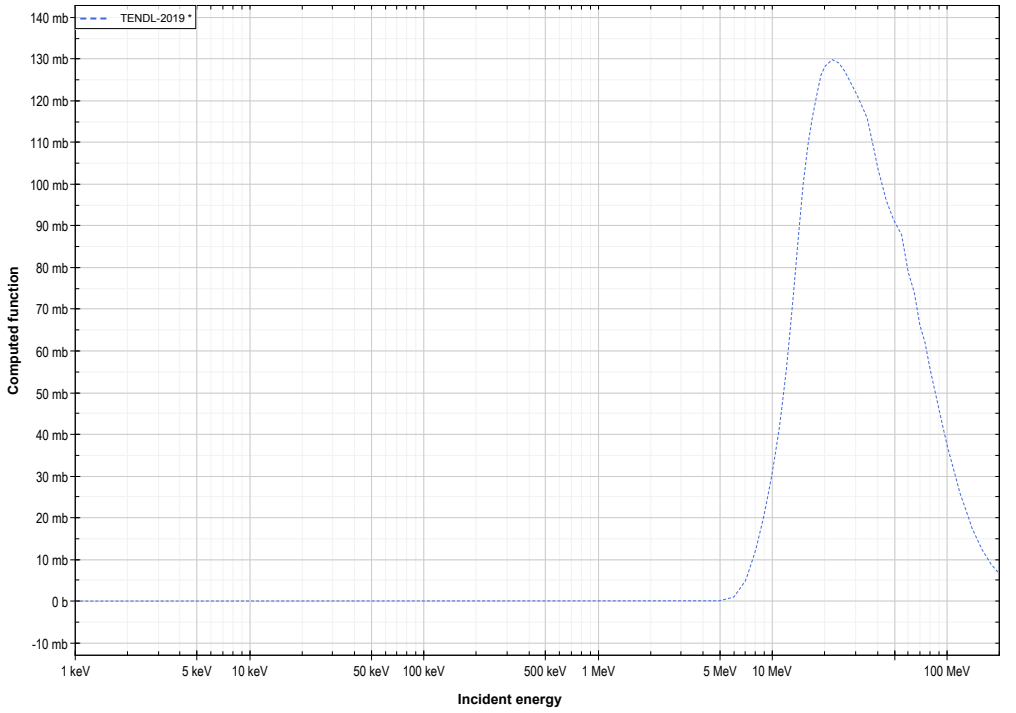
Reaction	Q-Value
Tc99(p,3n)Ru97	-18132.28 keV

<< 41-Nb-93	**43-Tc-99**	48-Cd-111 >>
<< MT17 (p,3n)	**MT103 (p,p) or MT5 (Tc99 production)**	44-Ru-99 MT4 (p,n) >>

Tc99 (p,p) or Tc99 production log-log



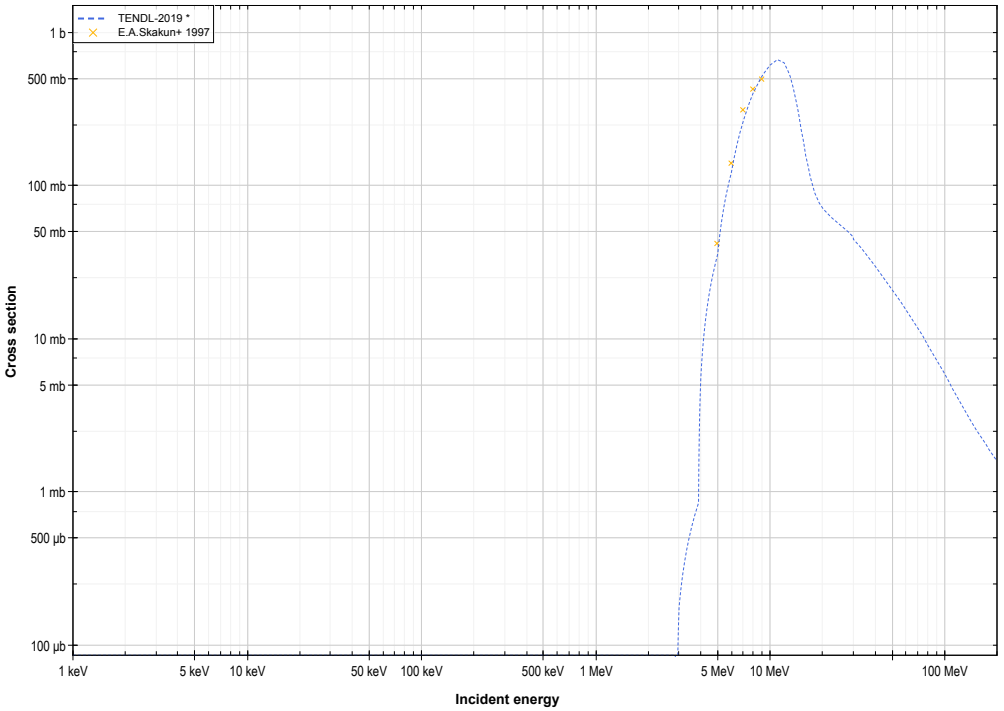
Tc99 (p,p) or Tc99 production lin-log



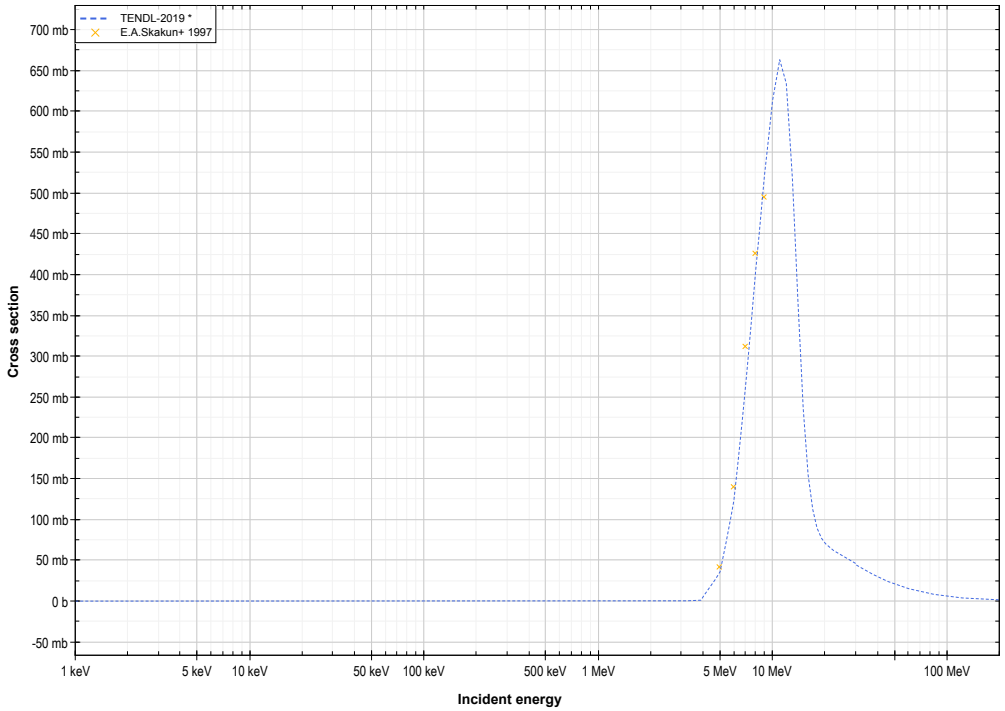
Reaction	Q-Value
Tc99(p,p)Tc99	0.00 keV

<< 42-Mo-100	**44-Ru-99**	44-Ru-100 >>
<< 43-Tc-99 MT103 (p,p)	**MT4 (p,n) or MT5 (Rh99 production)**	44-Ru-100 MT4 (p,n) >>

Ru99 (p,n) or Rh99 production log-log



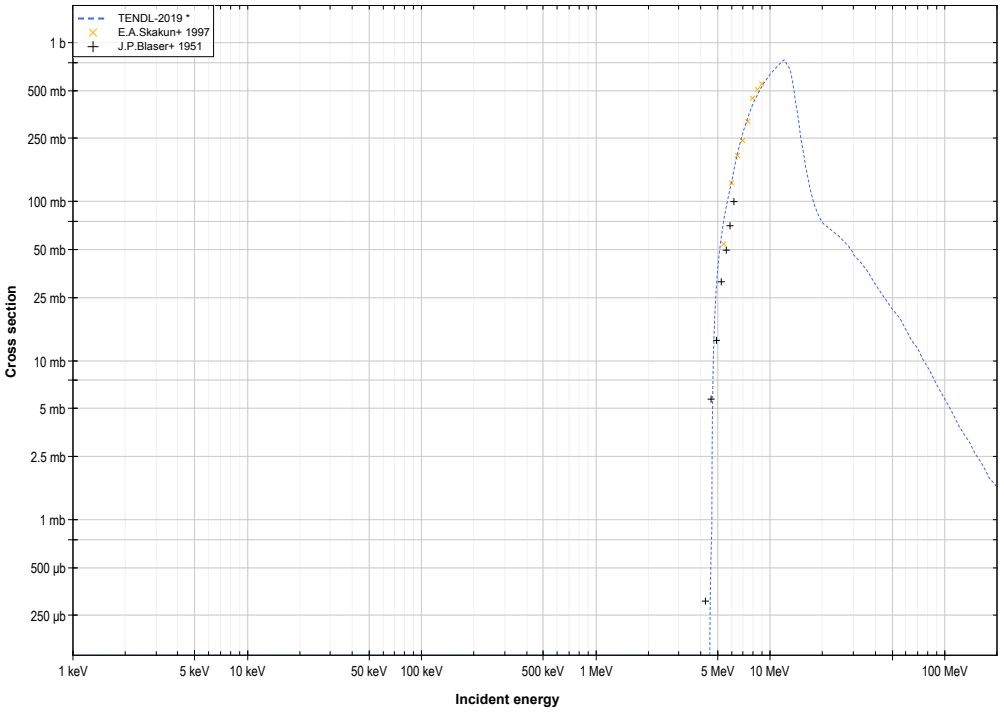
Ru99 (p,n) or Rh99 production lin-log



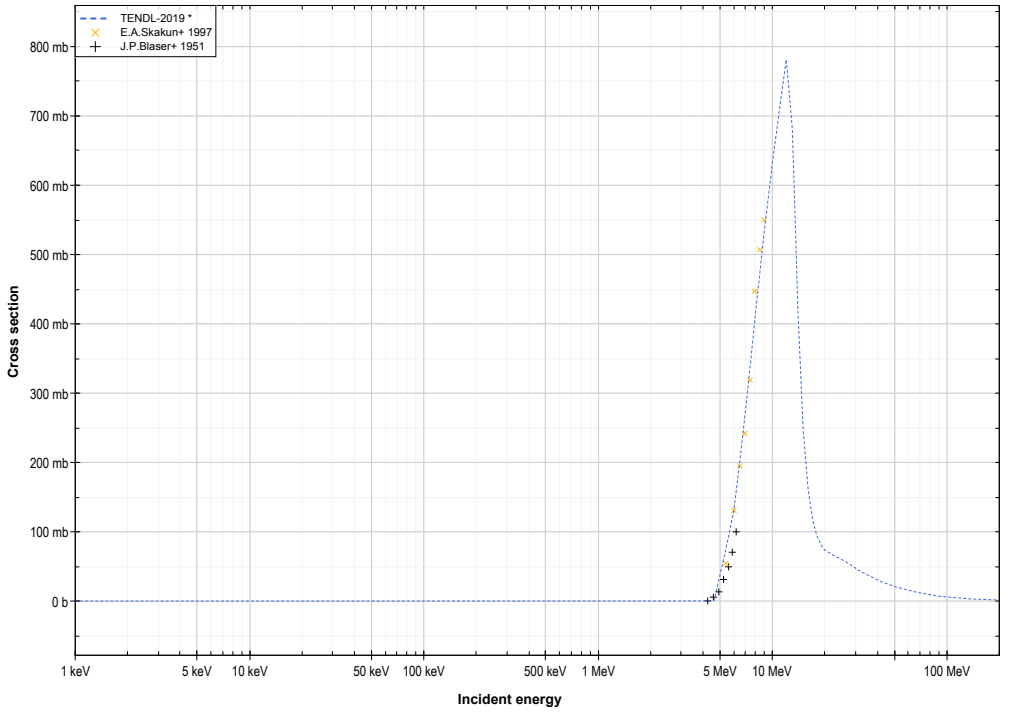
Reaction	Q-Value
Ru99(p,n)Rh99	-2826.75 keV

<< 44-Ru-99	**44-Ru-100**	44-Ru-101 >>
<< 44-Ru-99 MT4 (p,n)	**MT4 (p,n) or MT5 (Rh100 production)**	44-Ru-101 MT4 (p,n) >>

Ru100 (p,n) or Rh100 production log-log



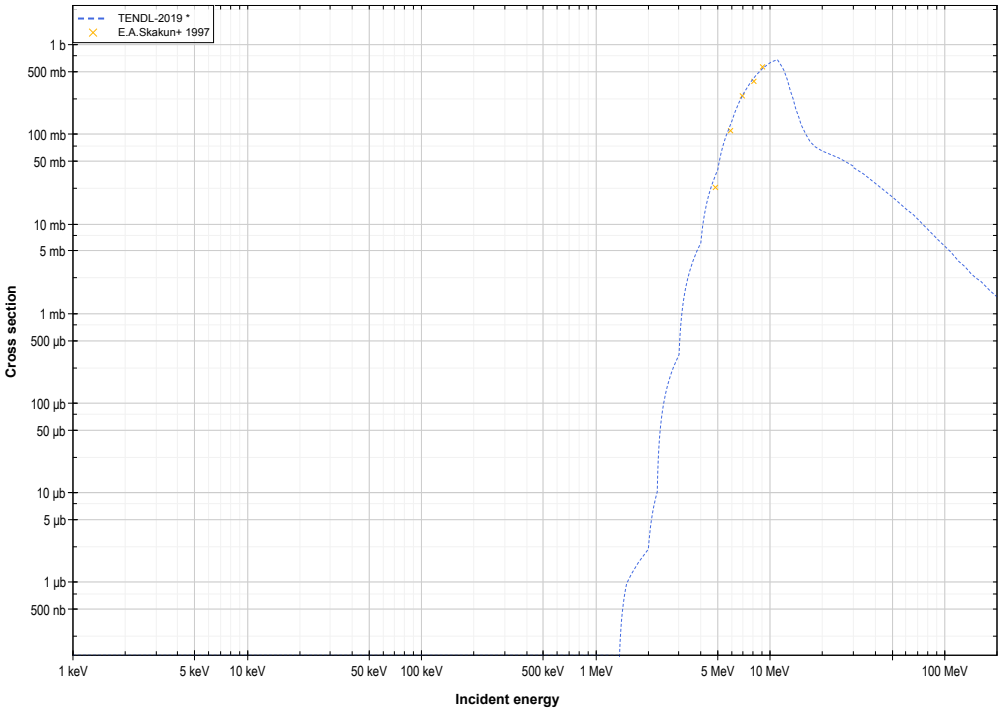
Ru100 (p,n) or Rh100 production lin-log



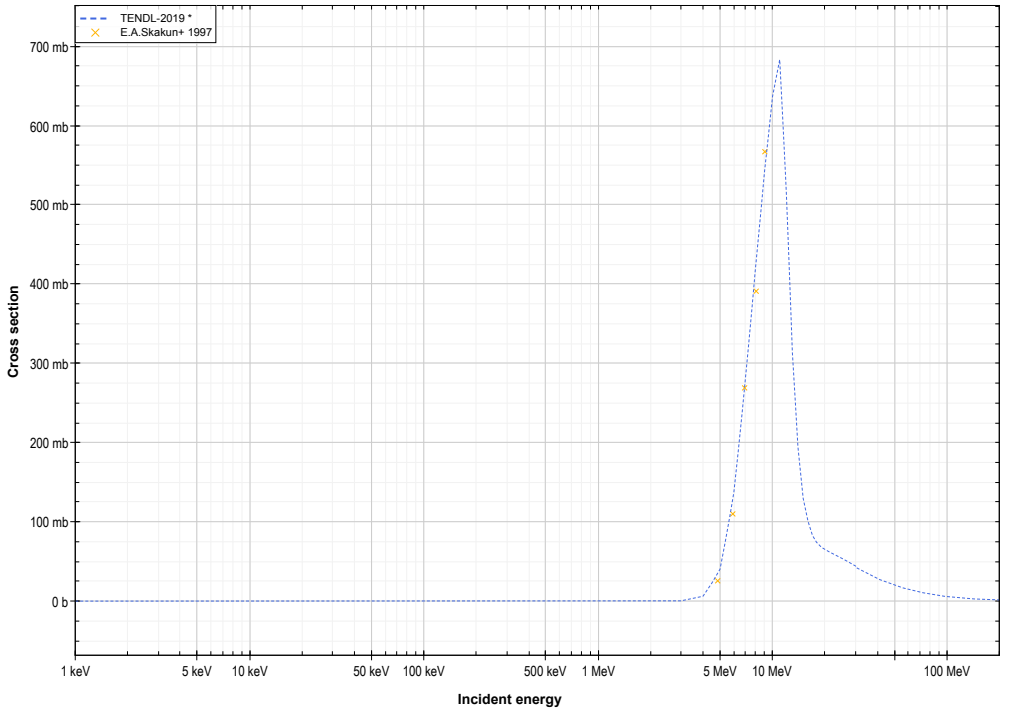
Reaction	Q-Value
Ru100(p,n)Rh100	-4418.75 keV

<< 44-Ru-100	**44-Ru-101**	44-Ru-102 >>
<< 44-Ru-100 MT4 (p,n)	**MT4 (p,n) or MT5 (Rh101 production)**	44-Ru-102 MT4 (p,n) >>

Ru101 (p,n) or Rh101 production log-log



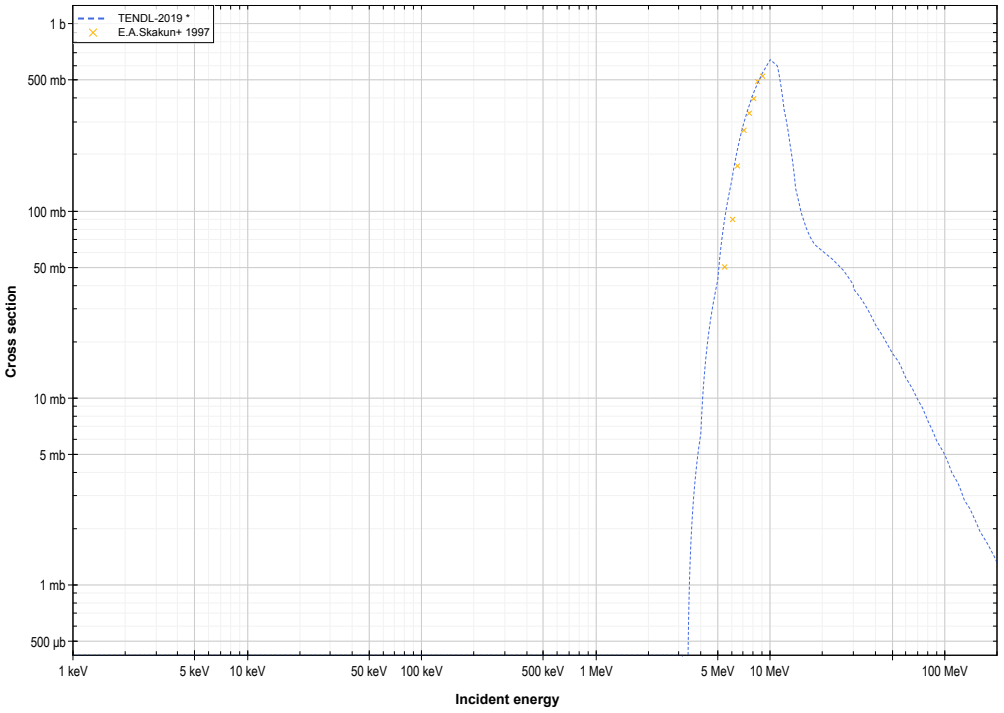
Ru101 (p,n) or Rh101 production lin-log



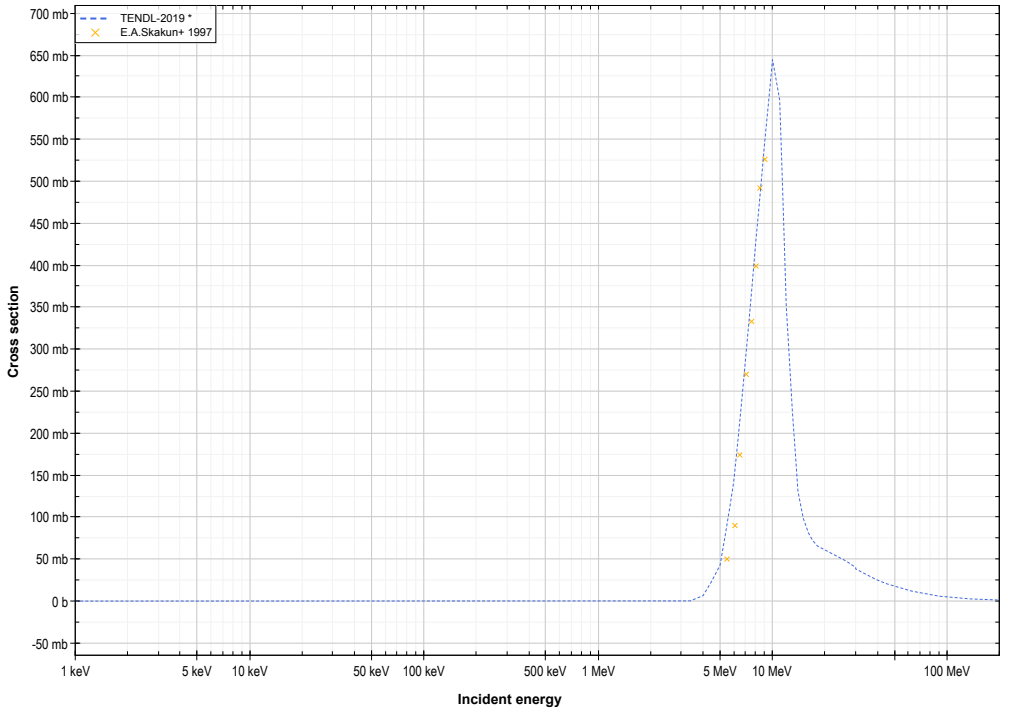
Reaction	Q-Value
Ru101(p,n)Rh101	-1328.45 keV

<< 44-Ru-101	**44-Ru-102**	44-Ru-104 >>
<< 44-Ru-101 MT4 (p,n)	**MT4 (p,n) or MT5 (Rh102 production)**	44-Ru-104 MT4 (p,n) >>

Ru102 (p,n) or Rh102 production log-log



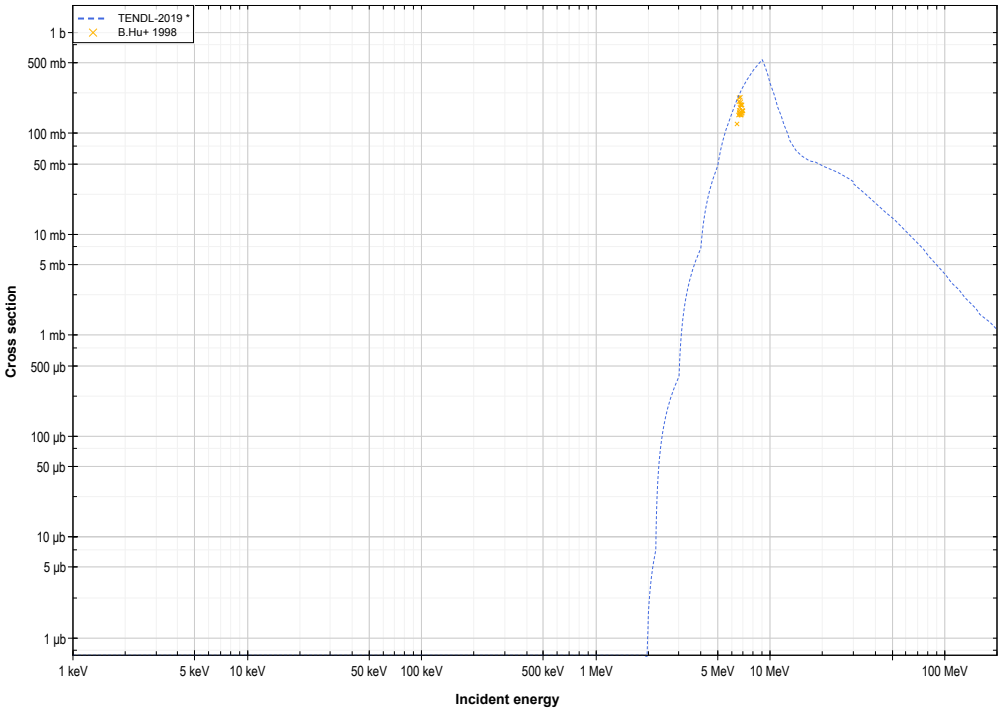
Ru102 (p,n) or Rh102 production lin-log



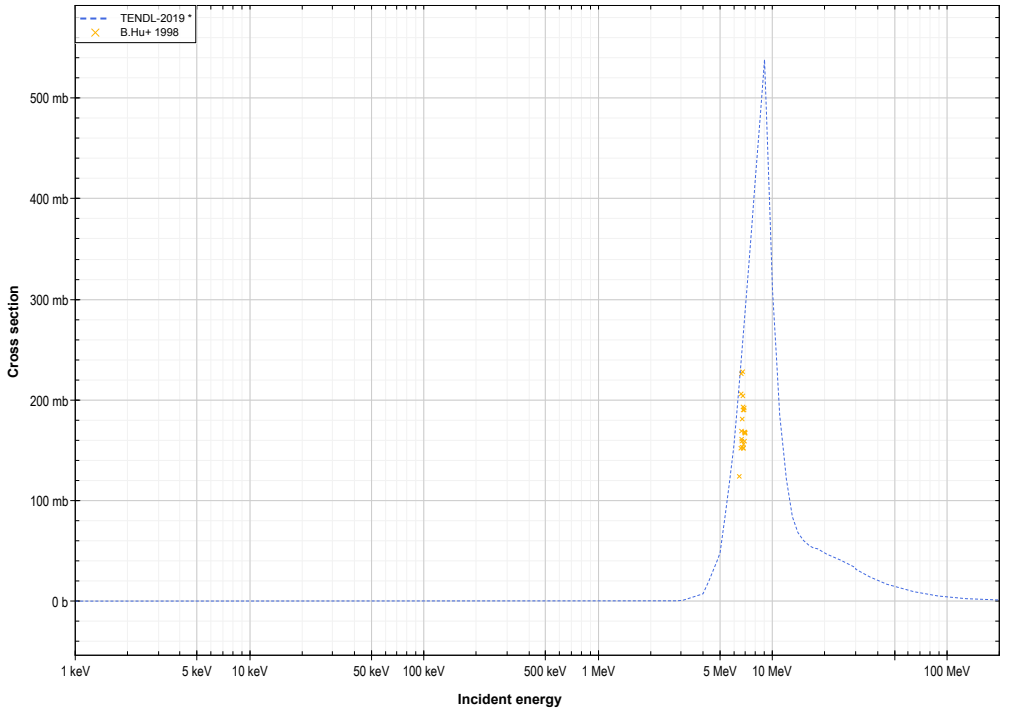
Reaction	Q-Value
Ru102(p,n)Rh102	-3105.75 keV

<< 44-Ru-102	**44-Ru-104**	45-Rh-103 >>
<< 44-Ru-102 MT4 (p,n)	**MT4 (p,n) or MT5 (Rh104 production)**	45-Rh-103 MT4 (p,n) >>

Ru104 (p,n) or Rh104 production log-log



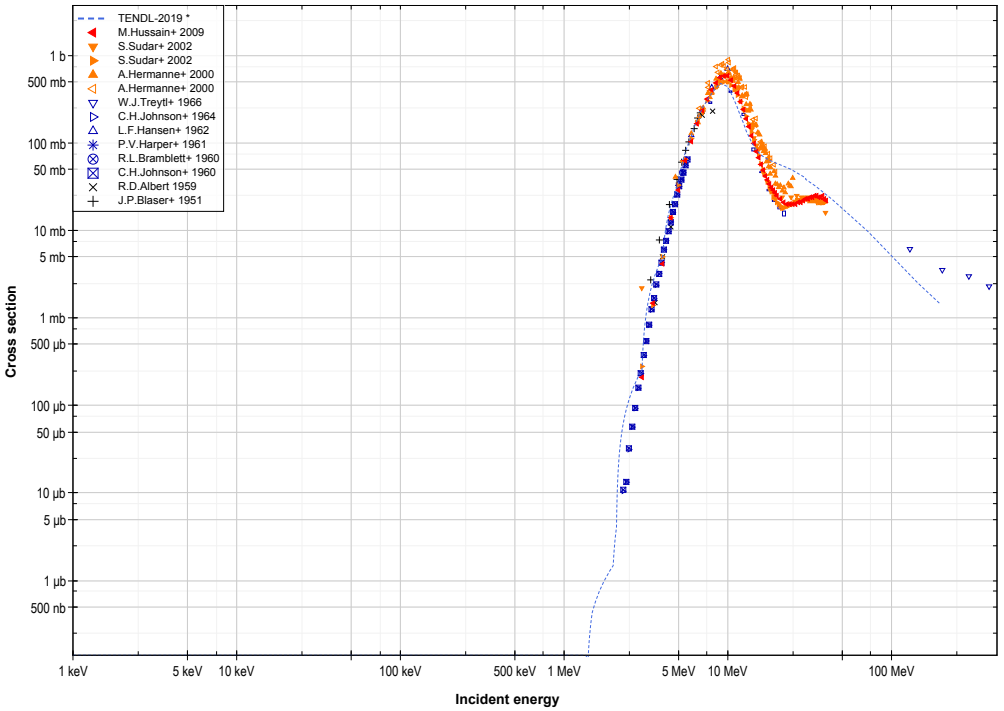
Ru104 (p,n) or Rh104 production lin-log



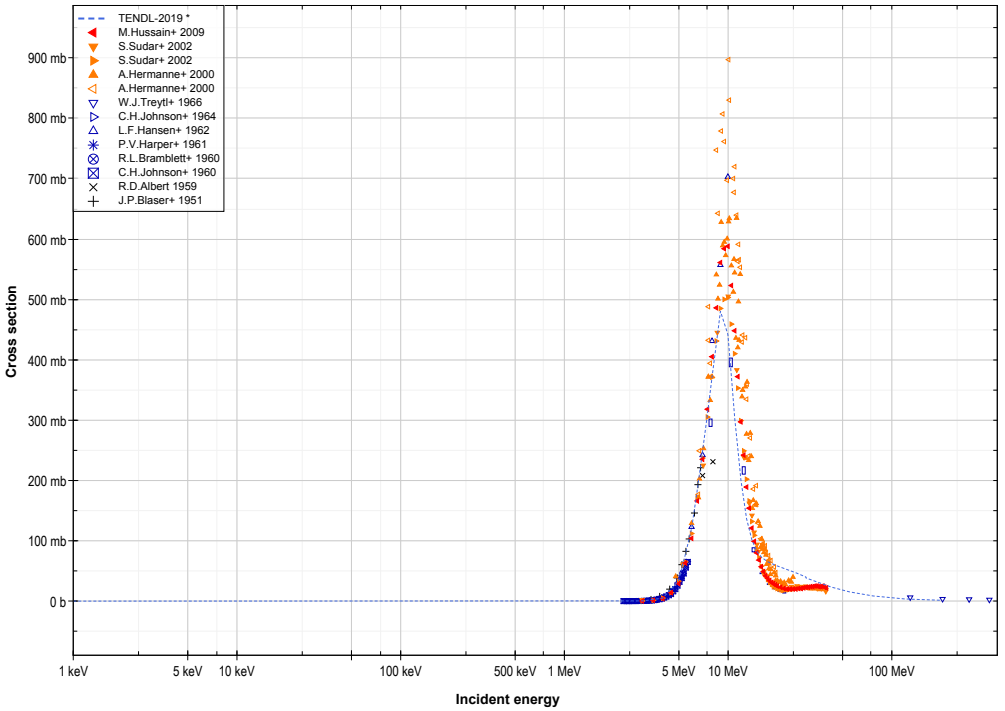
Reaction	Q-Value
Ru104(p,n)Rh104	-1918.75 keV

<< 44-Ru-104	**45-Rh-103**	46-Pd-104 >>
<< 44-Ru-104 MT4 (p,n)	**MT4 (p,n) or MT5 (Pd103 production)**	MT17 (p,3n) >>

Rh103 (p,n) or Pd103 production log-log



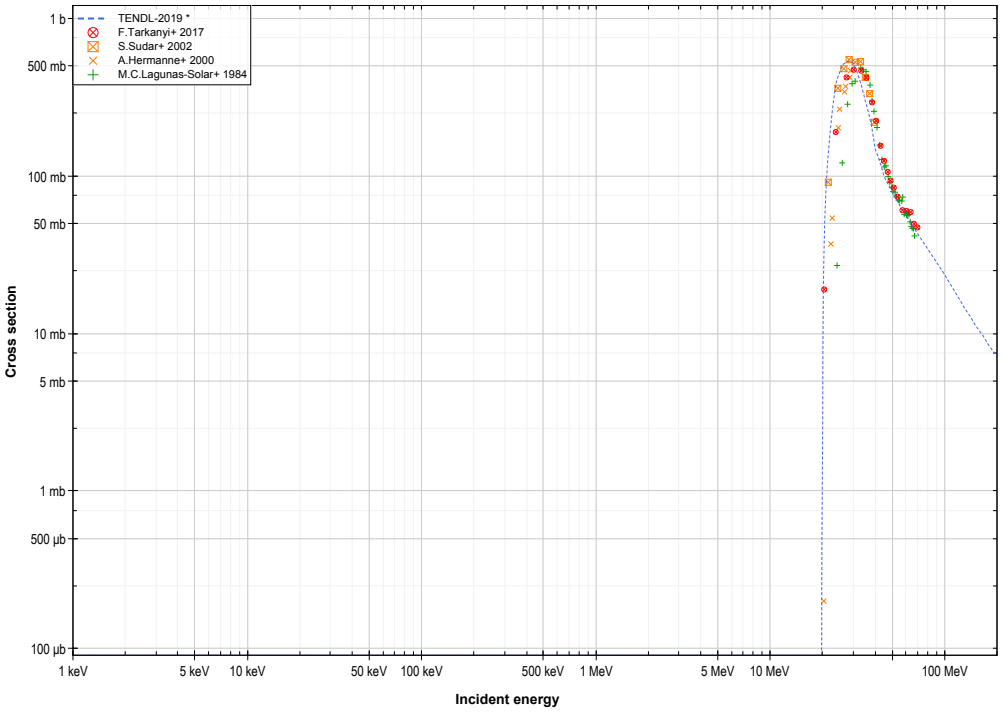
Rh103 (p,n) or Pd103 production lin-log



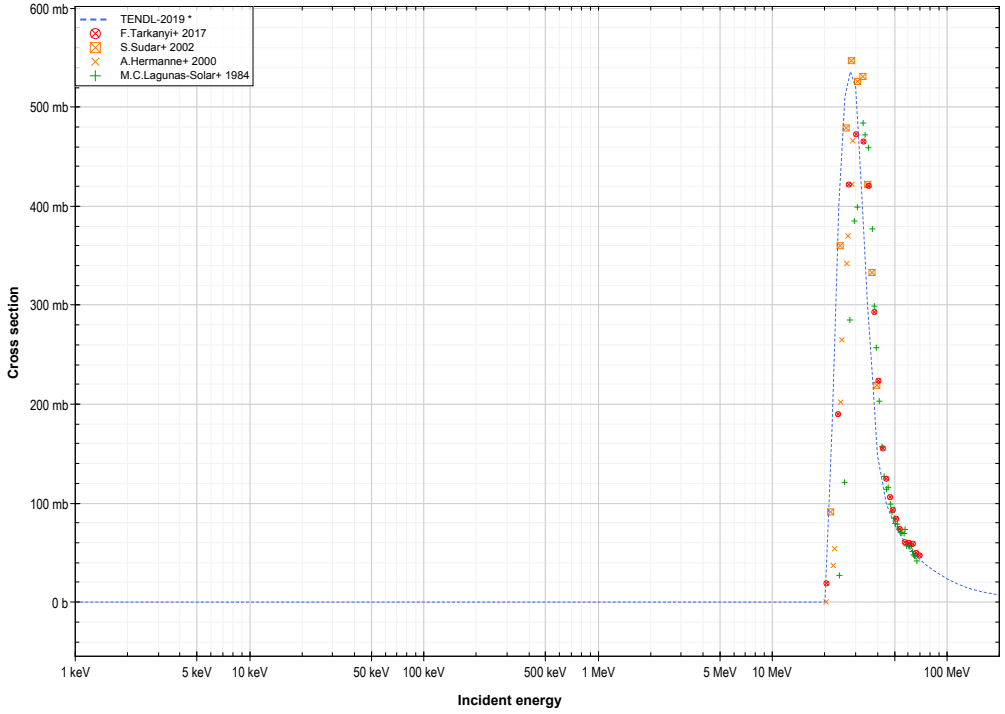
Reaction	Q-Value
Rh103(p,n)Pd103	-1356.85 keV

<< 43-Tc-99	**45-Rh-103**	48-Cd-111 >>
<< MT4 (p,n)	**MT17 (p,3n) or MT5 (Pd101 production)**	MT25 (p,3n+α) >>

Rh103 (p,3n) or Pd101 production log-log



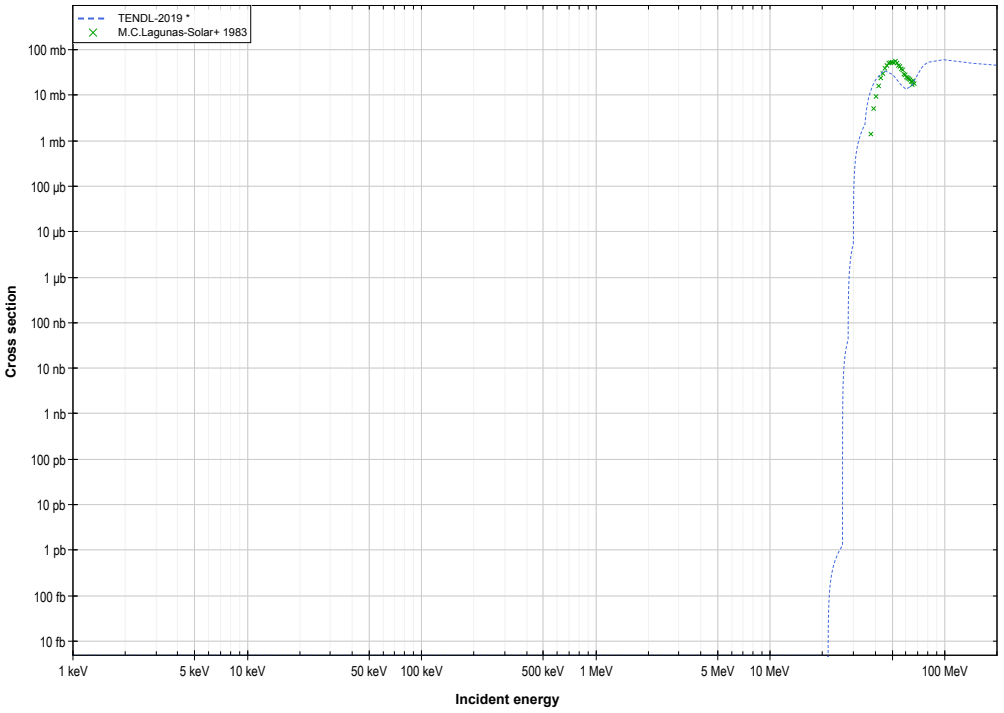
Rh103 (p,3n) or Pd101 production lin-log



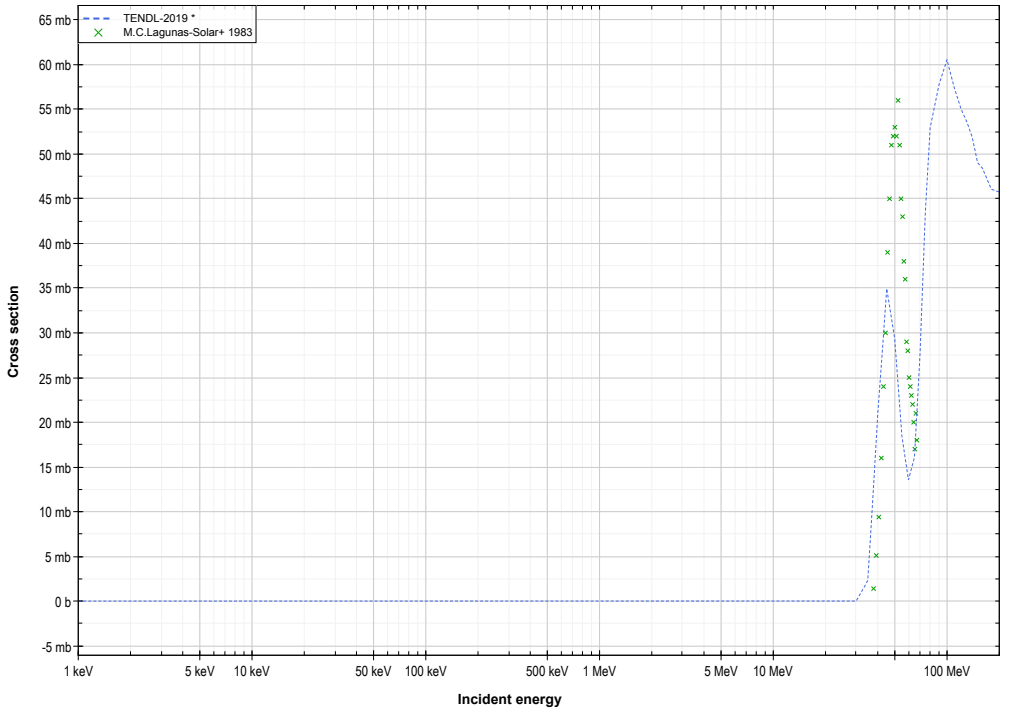
Reaction	Q-Value
Rh103(p,3n)Pd101	-19524.68 keV

<< 41-Nb-93	**45-Rh-103**	52-Te-125 >>
<< MT17 (p,3n)	**MT25 (p,3n+α) or MT5 (Ru97 production)**	MT28 (p,n+p) >>

Rh103 (p,3n+α) or Ru97 production log-log



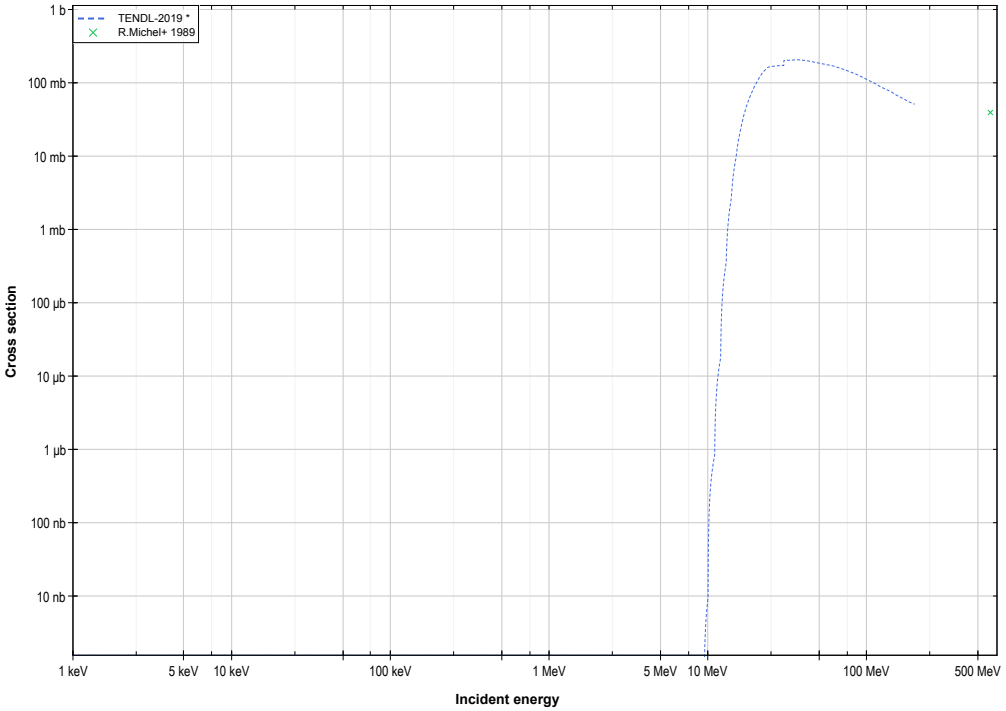
Rh103 (p,3n+α) or Ru97 production lin-log



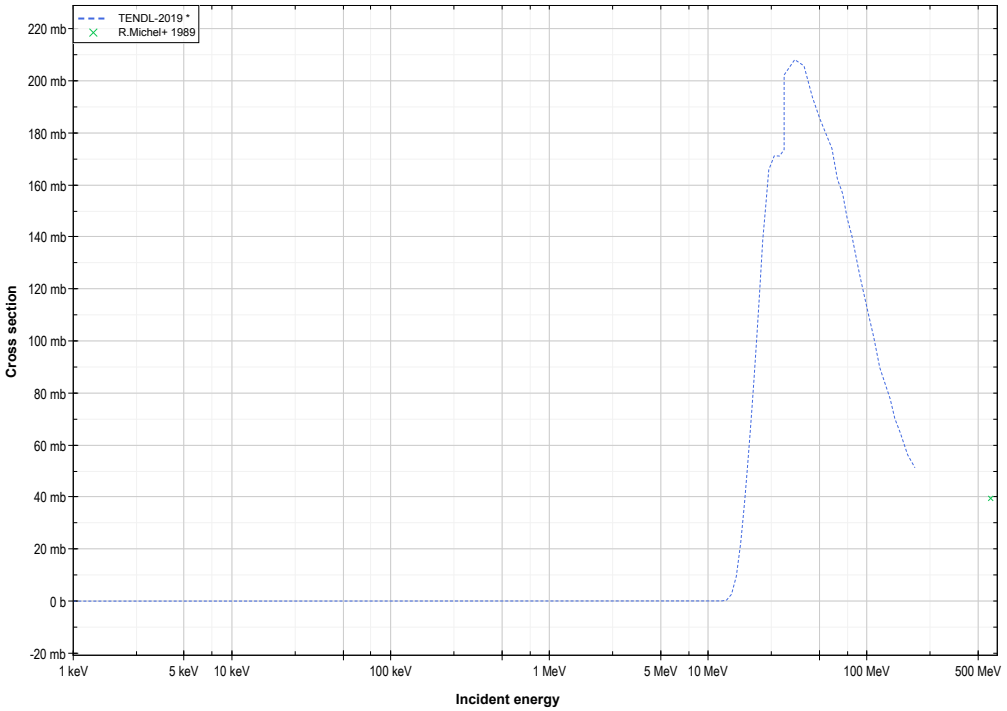
Reaction	Q-Value
Rh103(p,3n+α)Ru97	-21261.00 keV
Rh103(p,n+2t)Ru97	-32593.07 keV
Rh103(p,2n+d+t)Ru97	-38850.30 keV
Rh103(p,3n+p+t)Ru97	-41074.86 keV
Rh103(p,4n+He3)Ru97	-41838.62 keV
Rh103(p,3n+2d)Ru97	-45107.52 keV
Rh103(p,4n+p+d)Ru97	-47332.09 keV
Rh103(p,5n+2p)Ru97	-49556.66 keV

<< 42-Mo-100	**45-Rh-103**	47-Ag-107 >>
<< MT25 (p,3n+α)	**MT28 (p,n+p) or MT5 (Rh102 production)**	MT37 (p,4n) >>

Rh103 (p,n+p) or Rh102 production log-log



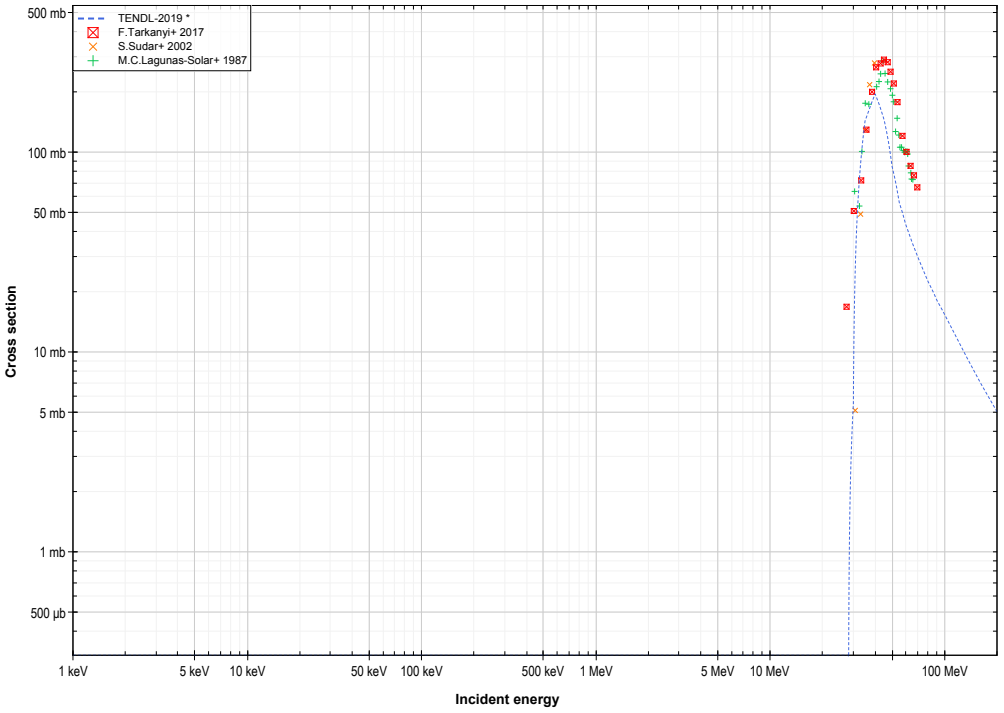
Rh103 (p,n+p) or Rh102 production lin-log



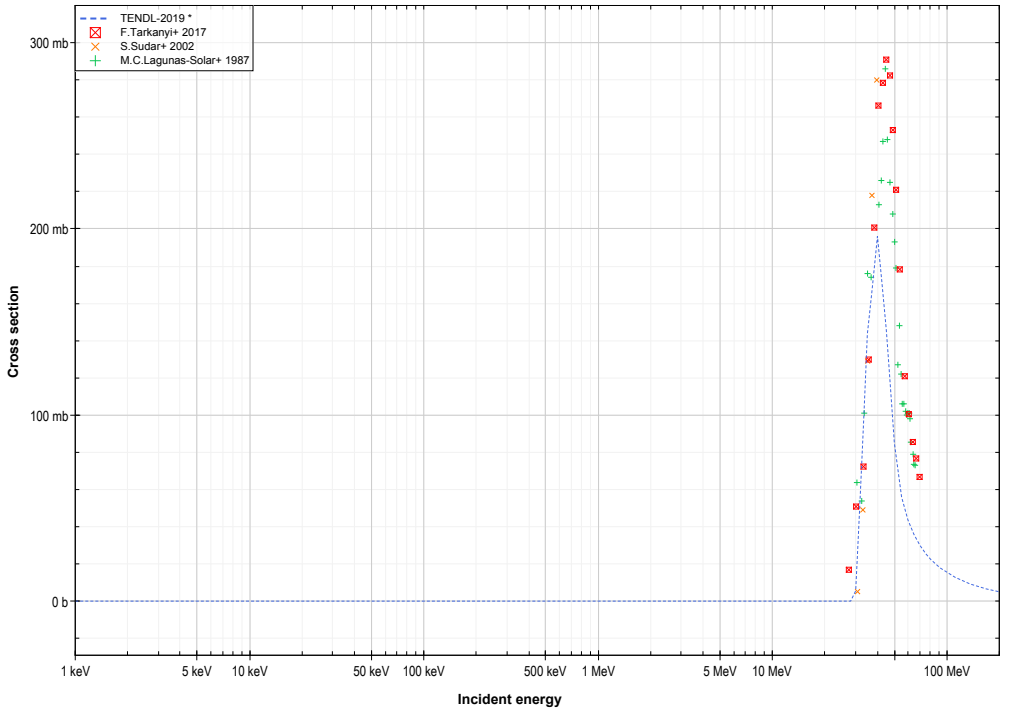
Reaction	Q-Value
Rh103(p,d)Rh102	-7095.45 keV
Rh103(p,n+p)Rh102	-9320.02 keV

<< 42-Mo-96	**45-Rh-103**	48-Cd-111 >>
<< MT28 (p,n+p)	**MT37 (p,4n) or MT5 (Pd100 production)**	MT104 (p,d) >>

Rh103 (p,4n) or Pd100 production log-log



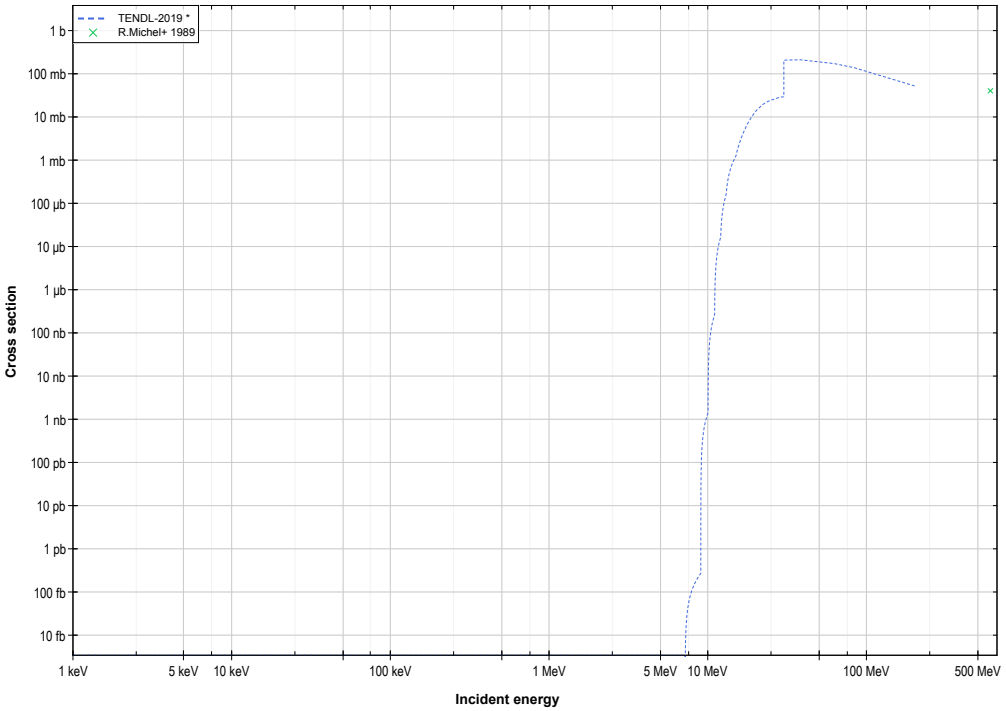
Rh103 (p,4n) or Pd100 production lin-log



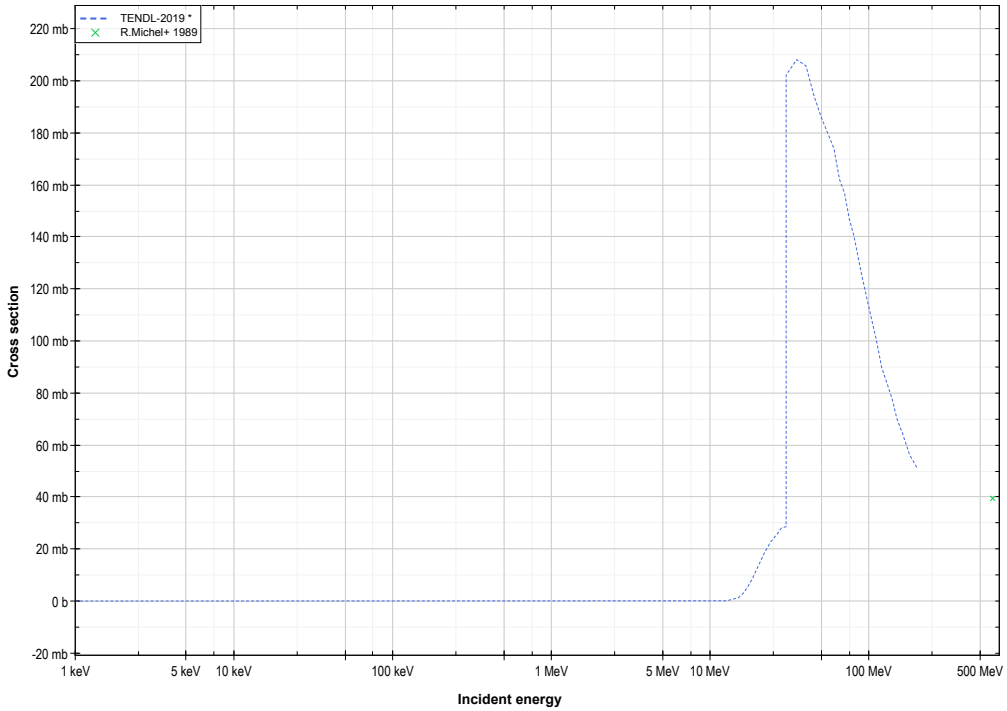
Reaction	Q-Value
Rh103(p,4n)Pd100	-27815.00 keV

<< 42-Mo-100	**45-Rh-103**	47-Ag-107 >>
<< MT37 (p,4n)	**MT104 (p,d) or MT5 (Rh102 production)**	MT178 (p,4n+³He) >>

Rh103 (p,d) or Rh102 production log-log



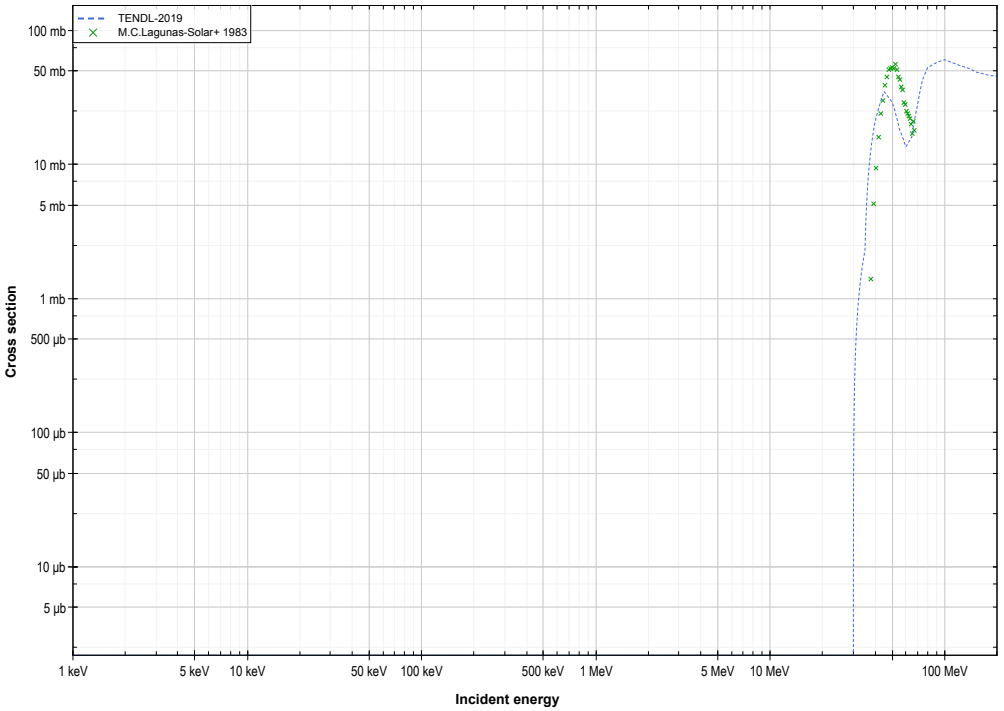
Rh103 (p,d) or Rh102 production lin-log



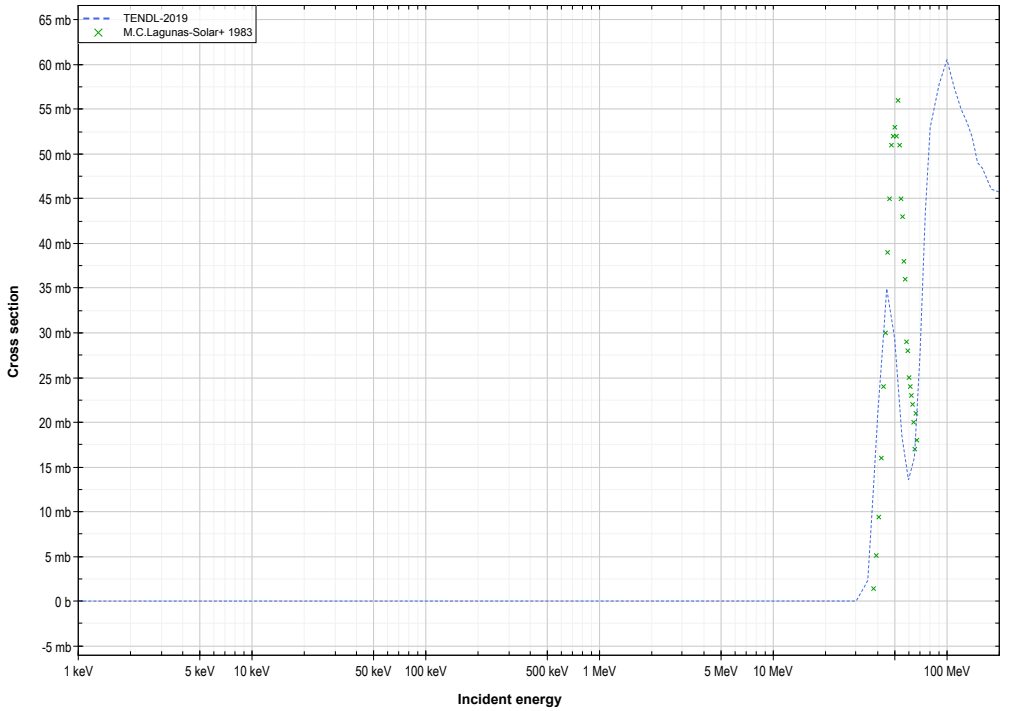
Reaction	Q-Value
Rh103(p,d)Rh102	-7095.45 keV
Rh103(p,n+p)Rh102	-9320.02 keV

<< 41-Nb-93	**45-Rh-103**	52-Te-125 >>
<< MT104 (p,d)	**MT178 (p,4n+³He) or MT5 (Ru97 production)**	MT181 (p,3n+p+α) >>

Rh103 (p,4n+³He) or Ru97 production log-log



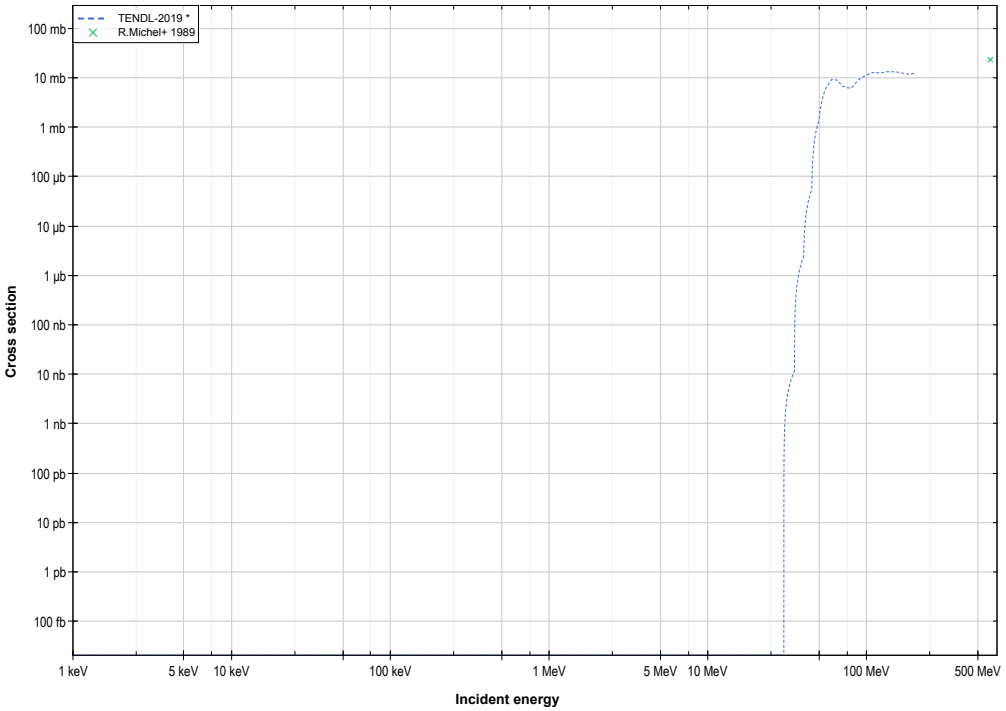
Rh103 (p,4n+³He) or Ru97 production lin-log



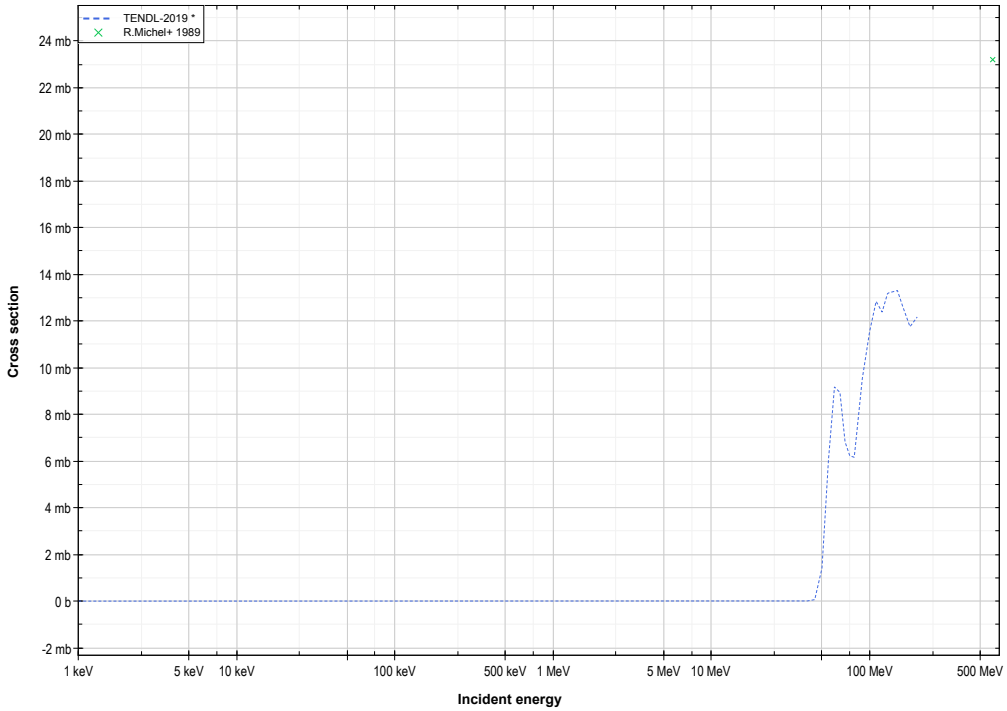
Reaction	Q-Value
Rh103(p,3n+α)Ru97	-21261.00 keV
Rh103(p,n+2t)Ru97	-32593.07 keV
Rh103(p,2n+d+t)Ru97	-38850.30 keV
Rh103(p,3n+p+t)Ru97	-41074.86 keV
Rh103(p,4n+He3)Ru97	-41838.62 keV
Rh103(p,3n+2d)Ru97	-45107.52 keV
Rh103(p,4n+p+d)Ru97	-47332.09 keV
Rh103(p,5n+2p)Ru97	-49556.66 keV

<< 41-Nb-93	**45-Rh-103**	55-Cs-133 >>
<< MT178 (p,4n+³He)	**MT181 (p,3n+p+α) or MT5 (Tc96 production)**	MT189 (p,n+t+a) >>

Rh103 (p,3n+p+α) or Tc96 production log-log



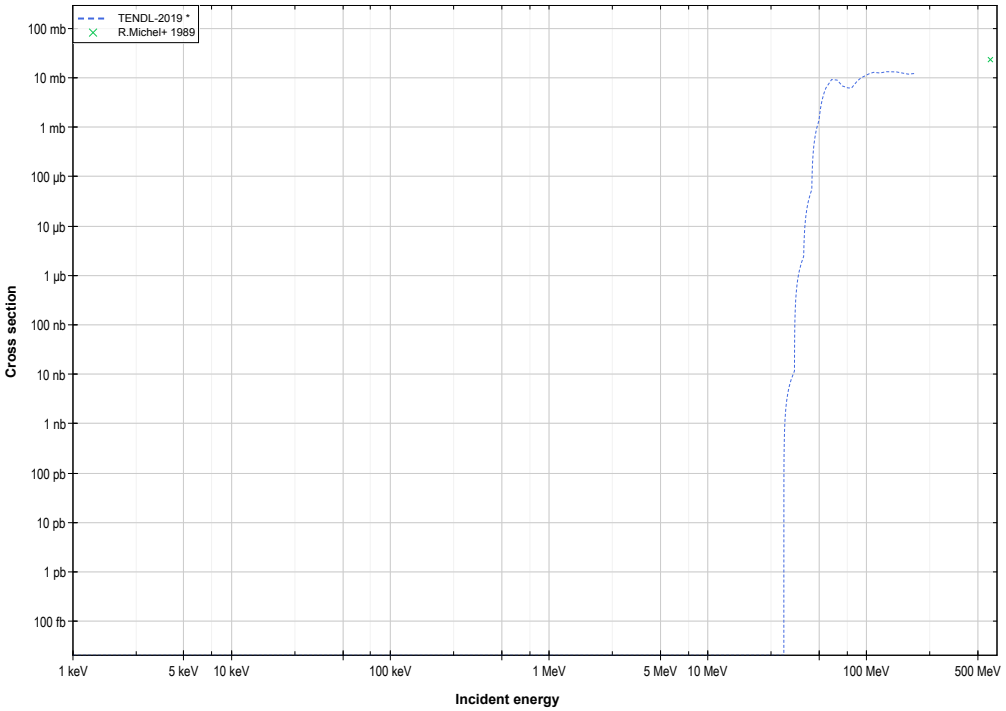
Rh103 (p,3n+p+α) or Tc96 production lin-log



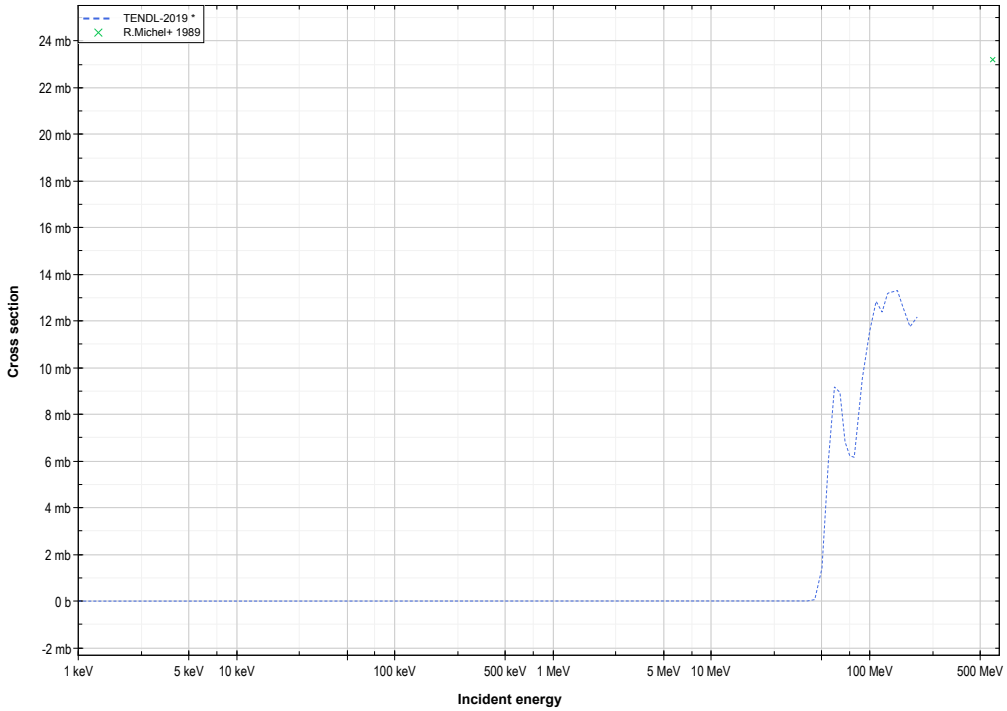
Reaction	Q-Value	Reaction	Q-Value
Rh103(p,n+t+α)Tc96	-20366.77 keV	Rh103(p,3n+d+He3)Tc96	-47201.62 keV
Rh103(p,2n+d+α)Tc96	-26624.00 keV	Rh103(p,3n+2p+t)Tc96	-48662.43 keV
Rh103(p,3n+p+α)Tc96	-28848.57 keV	Rh103(p,4n+p+He3)Tc96	-49426.19 keV
Rh103(p,d+2t)Tc96	-37956.07 keV	Rh103(p,2n+3d)Tc96	-50470.53 keV
Rh103(p,n+p+2t)Tc96	-40180.64 keV	Rh103(p,3n+p+2d)Tc96	-52695.09 keV
Rh103(p,2n+t+He3)Tc96	-40944.39 keV	Rh103(p,4n+2p+d)Tc96	-54919.66 keV
Rh103(p,n+2d+t)Tc96	-44213.30 keV	Rh103(p,5n+3p)Tc96	-57144.23 keV
Rh103(p,2n+p+d+t)Tc96	-46437.87 keV		

<< 41-Nb-93	**45-Rh-103**	55-Cs-133 >>
<< MT181 (p,3n+p+α)	**MT189 (p,n+t+a) or MT5 (Tc96 production)**	MT200 (p,5n+2p) >>

Rh103 (p,n+t+a) or Tc96 production log-log



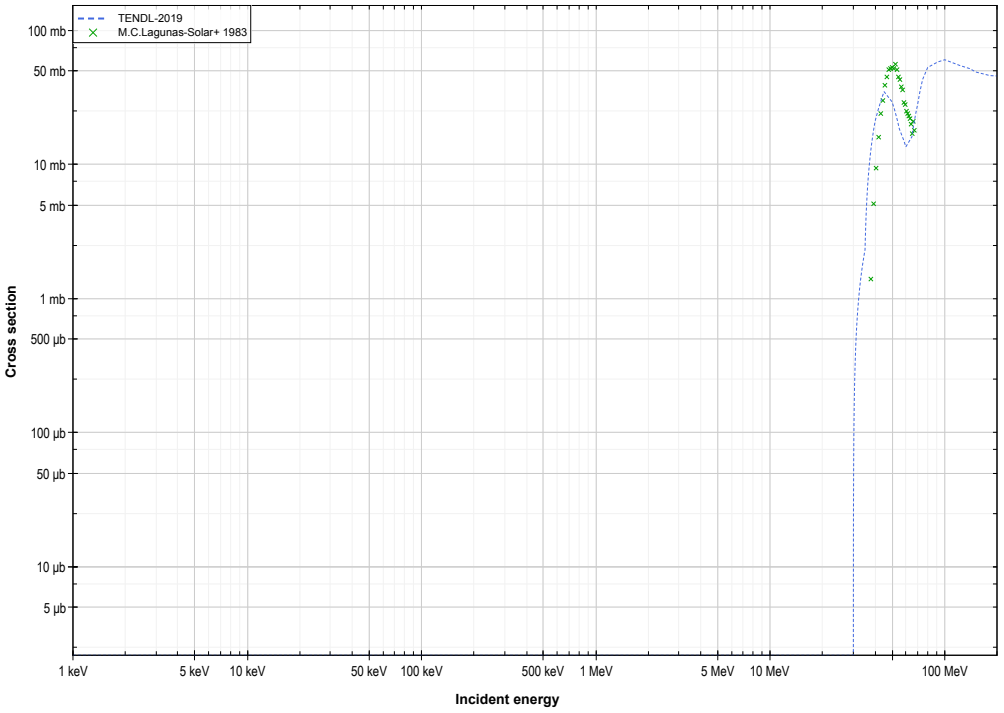
Rh103 (p,n+t+a) or Tc96 production lin-log



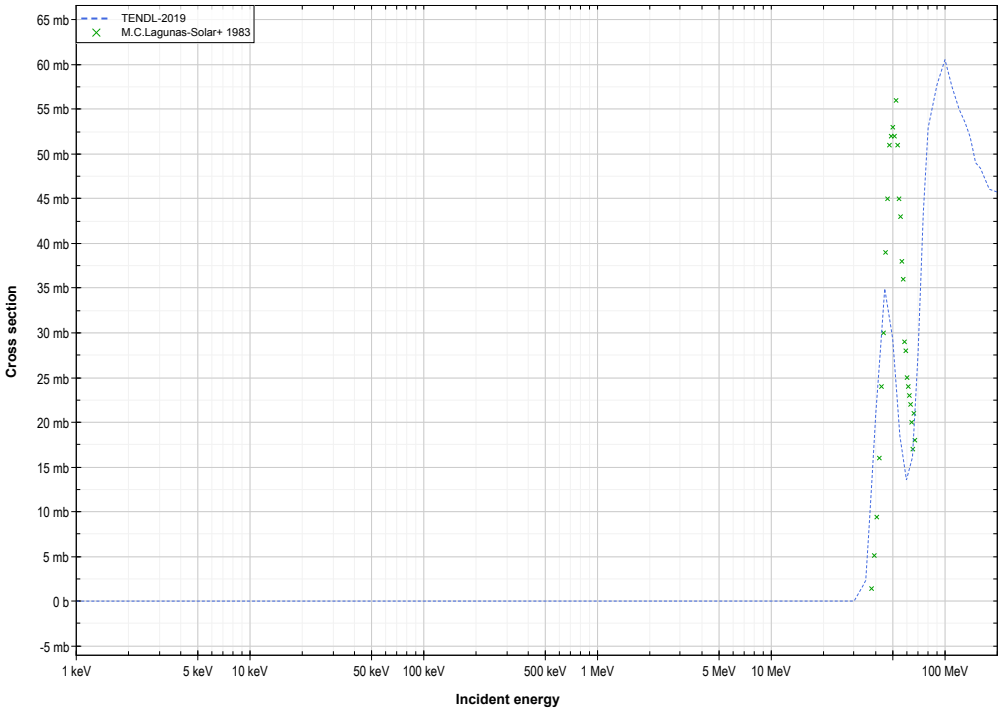
Reaction	Q-Value	Reaction	Q-Value
Rh103(p,n+t+α)Tc96	-20366.77 keV	Rh103(p,3n+d+He3)Tc96	-47201.62 keV
Rh103(p,2n+d+α)Tc96	-26624.00 keV	Rh103(p,3n+2p+t)Tc96	-48662.43 keV
Rh103(p,3n+p+α)Tc96	-28848.57 keV	Rh103(p,4n+p+He3)Tc96	-49426.19 keV
Rh103(p,d+2t)Tc96	-37956.07 keV	Rh103(p,2n+3d)Tc96	-50470.53 keV
Rh103(p,n+p+2t)Tc96	-40180.64 keV	Rh103(p,3n+p+2d)Tc96	-52695.09 keV
Rh103(p,2n+t+He3)Tc96	-40944.39 keV	Rh103(p,4n+2p+d)Tc96	-54919.66 keV
Rh103(p,n+2d+t)Tc96	-44213.30 keV	Rh103(p,5n+3p)Tc96	-57144.23 keV
Rh103(p,2n+p+d+t)Tc96	-46437.87 keV		

<< 41-Nb-93	**45-Rh-103**	52-Te-125 >>
<< MT189 (p,n+t+a)	**MT200 (p,5n+2p) or MT5 (Ru97 production)**	46-Pd-104 MT4 (p,n) >>

Rh103 (p,5n+2p) or Ru97 production log-log



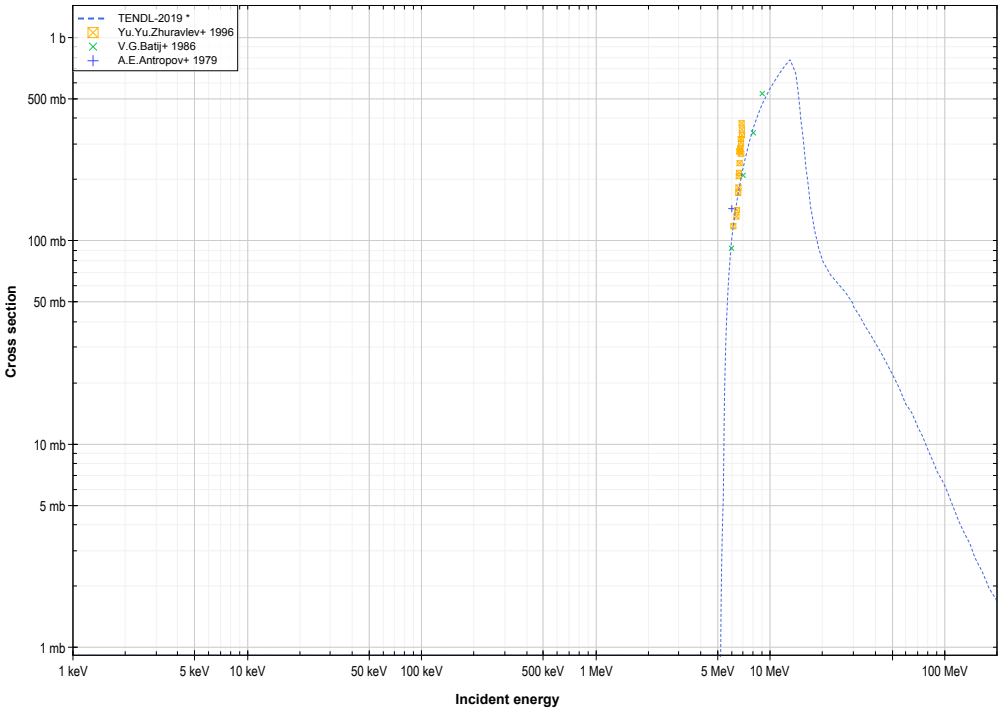
Rh103 (p,5n+2p) or Ru97 production lin-log



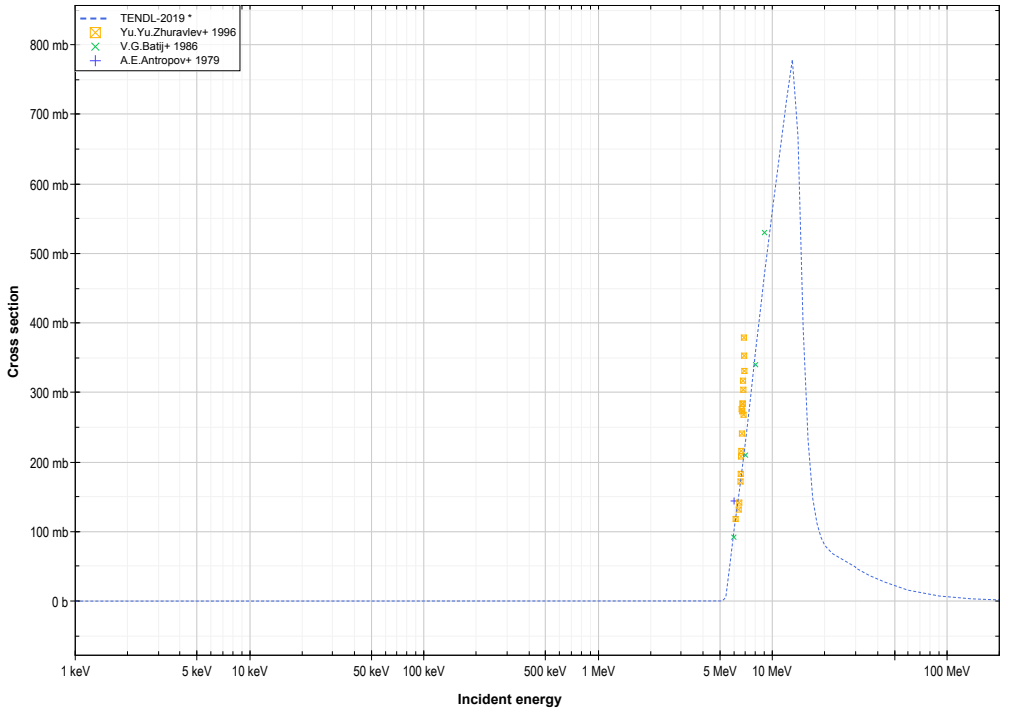
Reaction	Q-Value
Rh103(p,3n+α)Ru97	-21261.00 keV
Rh103(p,n+2t)Ru97	-32593.07 keV
Rh103(p,2n+d+t)Ru97	-38850.30 keV
Rh103(p,3n+p+t)Ru97	-41074.86 keV
Rh103(p,4n+He3)Ru97	-41838.62 keV
Rh103(p,3n+2d)Ru97	-45107.52 keV
Rh103(p,4n+p+d)Ru97	-47332.09 keV
Rh103(p,5n+2p)Ru97	-49556.66 keV

<< 45-Rh-103	**46-Pd-104**	46-Pd-105 >>
<< 45-Rh-103 MT200 (p,5n+2p)	**MT4 (p,n) or MT5 (Ag104 production)**	46-Pd-105 MT4 (p,n) >>

Pd104 (p,n) or Ag104 production log-log



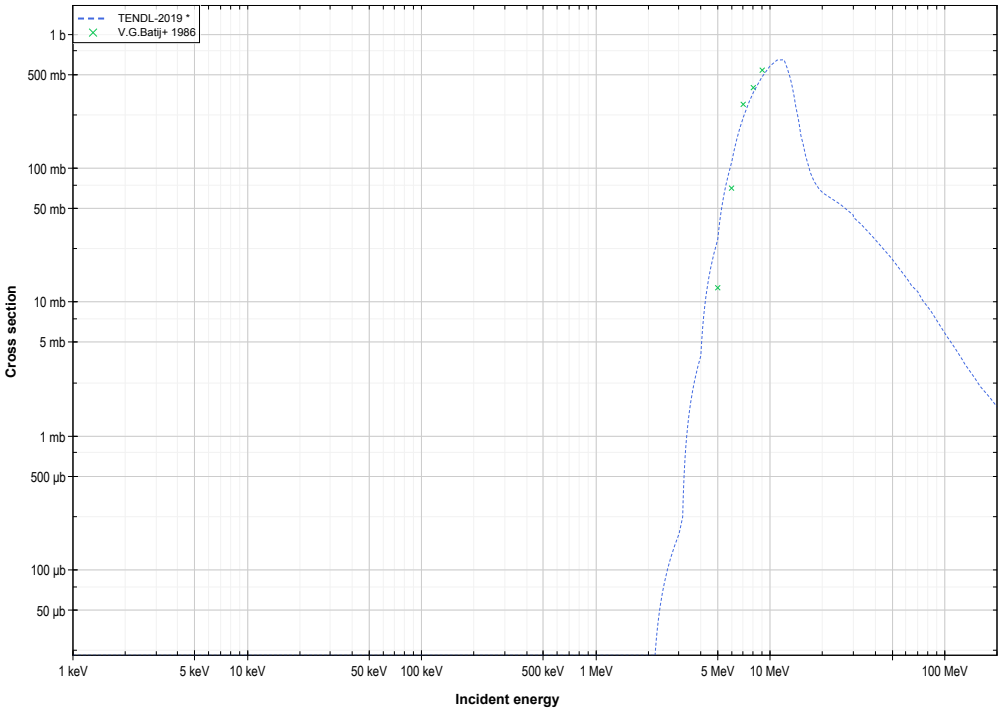
Pd104 (p,n) or Ag104 production lin-log



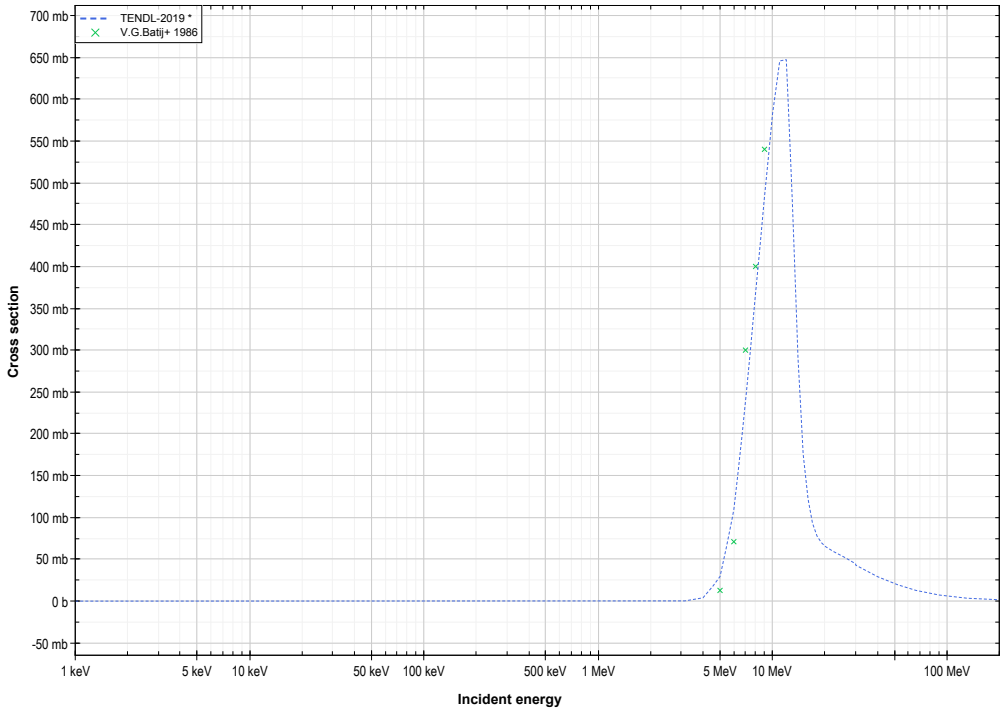
Reaction	Q-Value
Pd104(p,n)Ag104	-5061.45 keV

<< 46-Pd-104	**46-Pd-105**	46-Pd-106 >>
<< 46-Pd-104 MT4 (p,n)	**MT4 (p,n) or MT5 (Ag105 production)**	46-Pd-106 MT4 (p,n) >>

Pd105 (p,n) or Ag105 production log-log



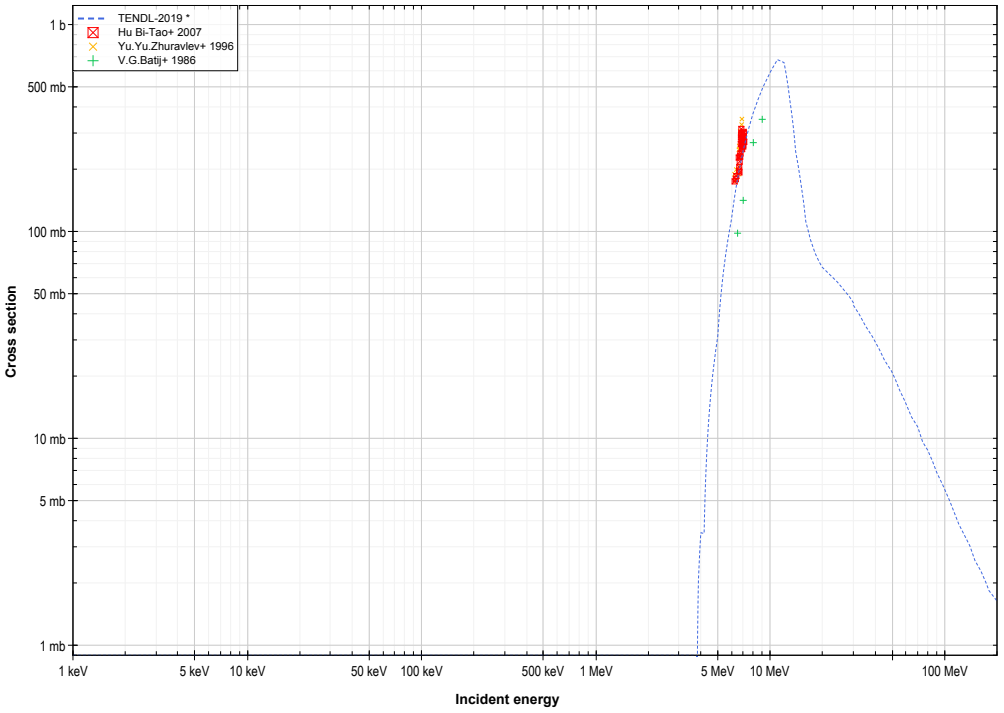
Pd105 (p,n) or Ag105 production lin-log



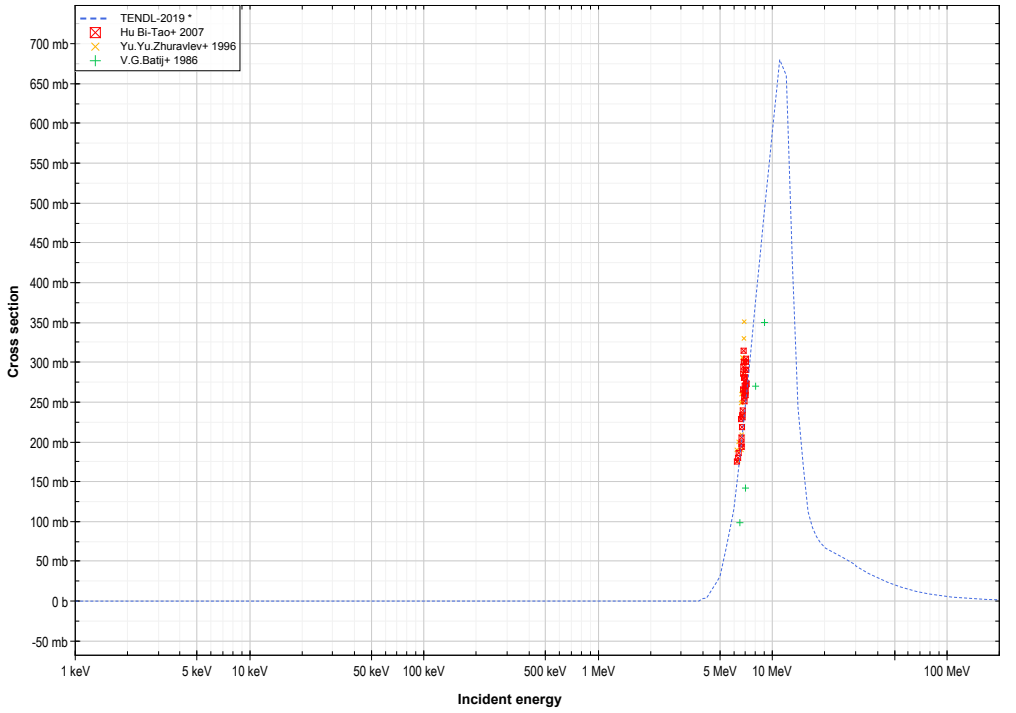
Reaction	Q-Value
Pd105(p,n)Ag105	-2129.25 keV

<< 46-Pd-105	**46-Pd-106**	46-Pd-108 >>
<< 46-Pd-105 MT4 (p,n)	**MT4 (p,n) or MT5 (Ag106 production)**	46-Pd-108 MT4 (p,n) >>

Pd106 (p,n) or Ag106 production log-log



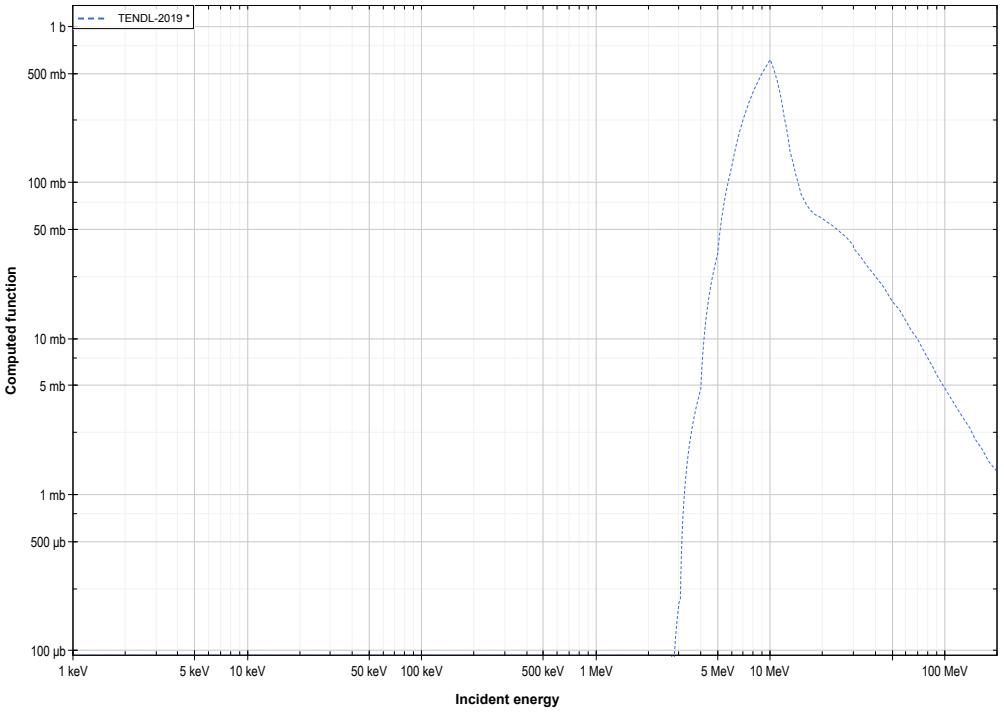
Pd106 (p,n) or Ag106 production lin-log



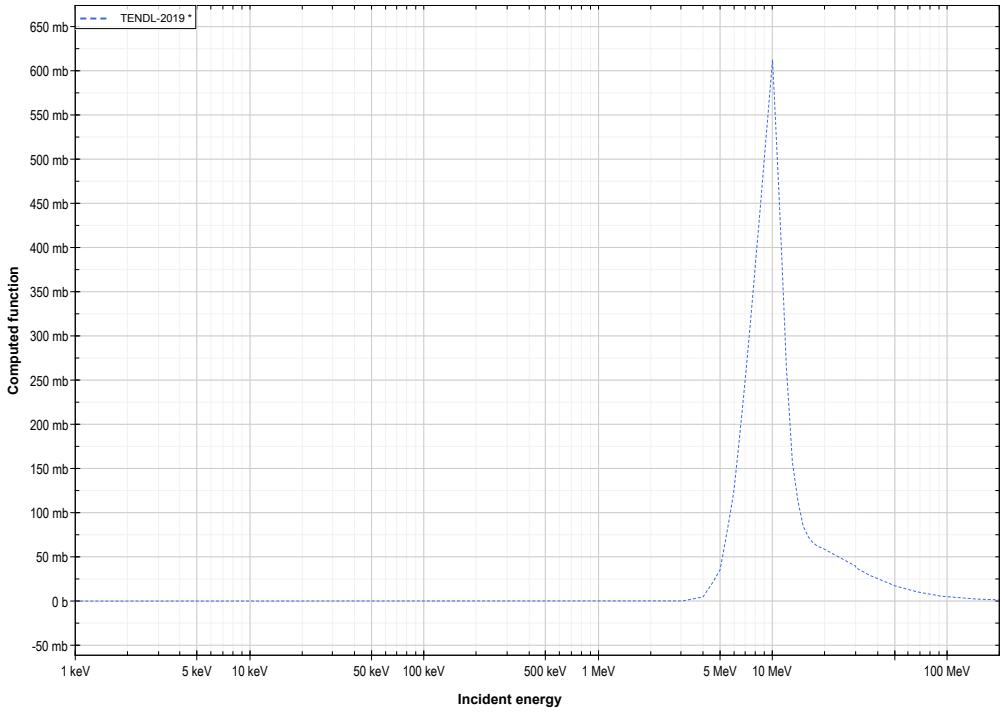
Reaction	Q-Value
Pd106(p,n)Ag106	-3747.85 keV

<< 46-Pd-106	**46-Pd-108**	46-Pd-110 >>
<< 46-Pd-106 MT4 (p,n)	**MT4 (p,n) or MT5 (Ag108 production)**	46-Pd-110 MT4 (p,n) >>

Pd108 (p,n) or Ag108 production log-log



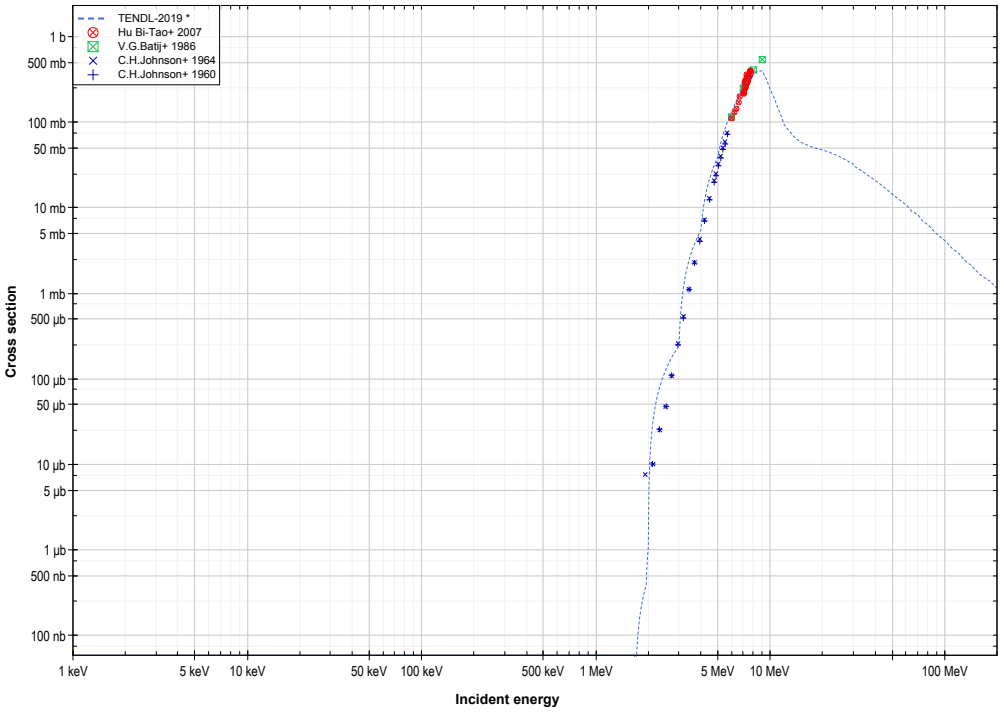
Pd108 (p,n) or Ag108 production lin-log



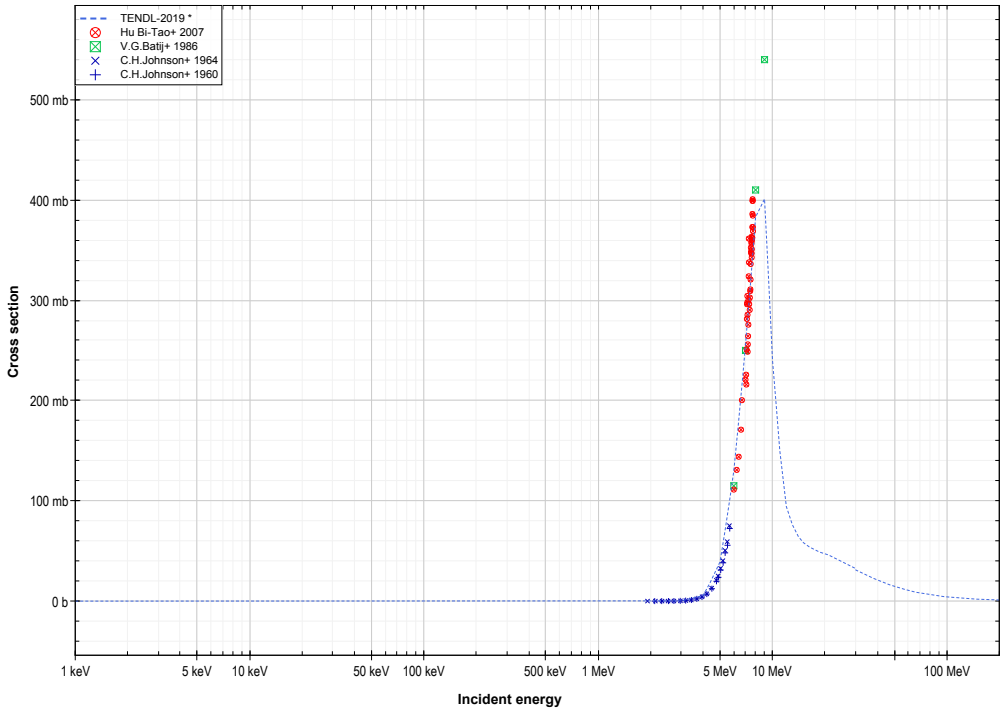
Reaction	Q-Value
Pd108(p,n)Ag108	-2699.75 keV

<< 46-Pd-108	**46-Pd-110**	47-Ag-107 >>
<< 46-Pd-108 MT4 (p,n)	**MT4 (p,n) or MT5 (Ag110 production)**	47-Ag-107 MT4 (p,n) >>

Pd110 (p,n) or Ag110 production log-log



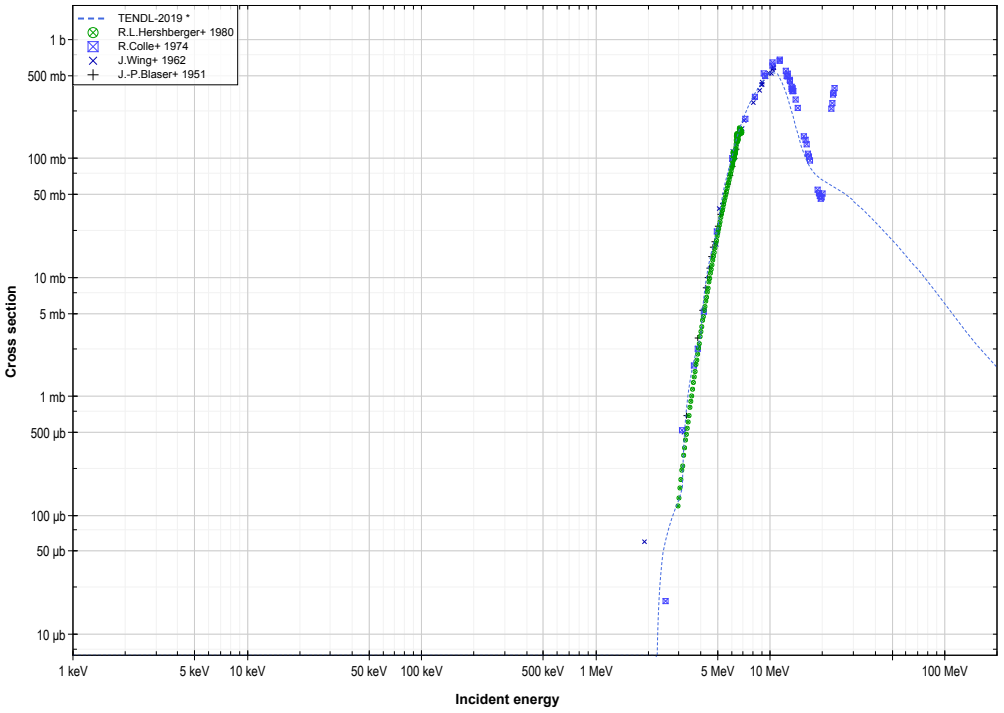
Pd110 (p,n) or Ag110 production lin-log



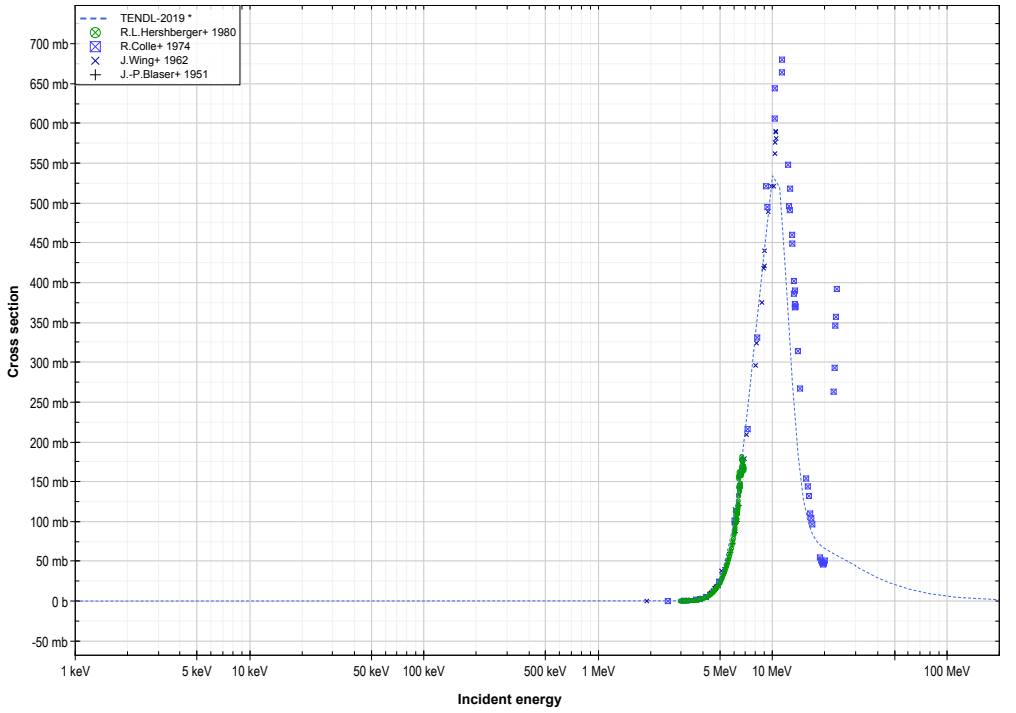
Reaction	Q-Value
Pd110(p,n)Ag110	-1655.95 keV

<< 46-Pd-110	**47-Ag-107**	47-Ag-109 >>
<< 46-Pd-110 MT4 (p,n)	**MT4 (p,n) or MT5 (Cd107 production)**	MT28 (p,n+p) >>

Ag107 (p,n) or Cd107 production log-log



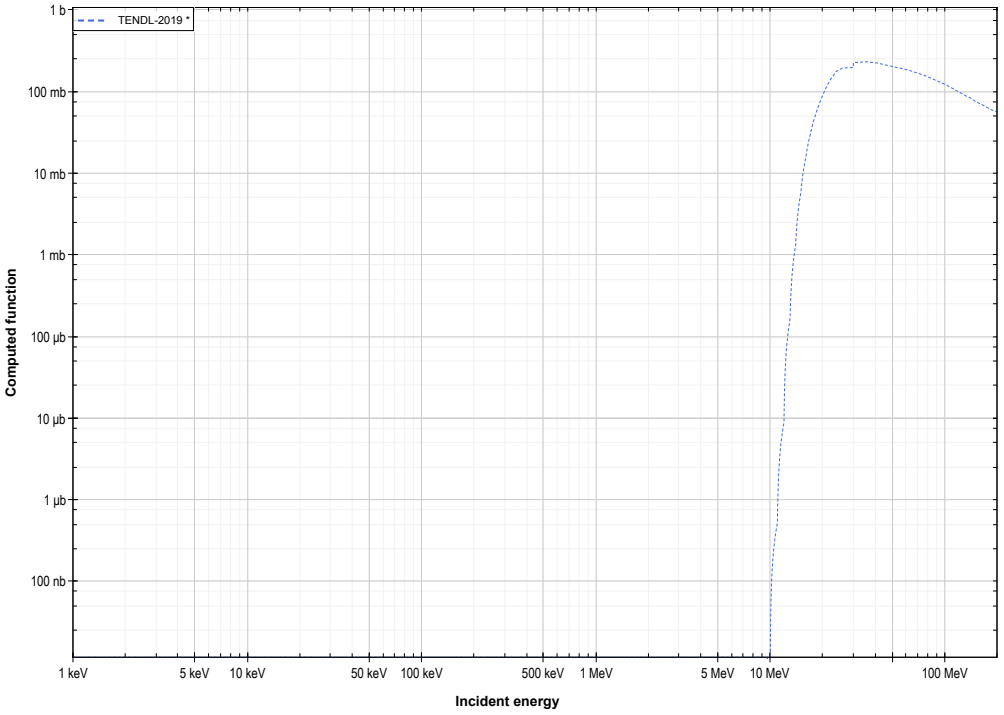
Ag107 (p,n) or Cd107 production lin-log



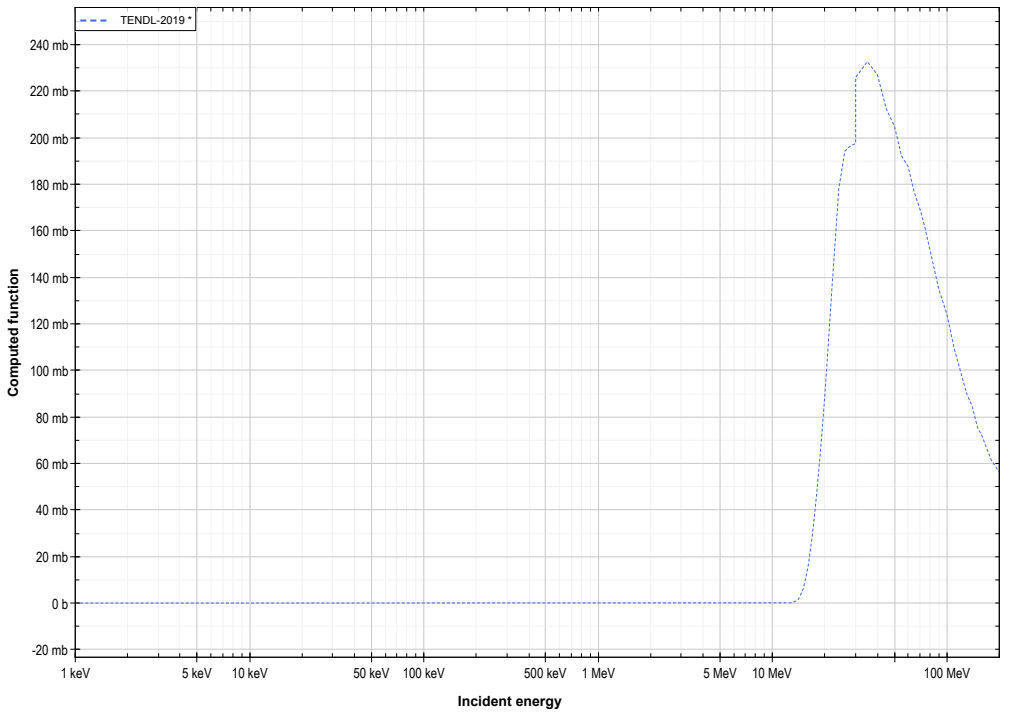
Reaction	Q-Value
Ag107(p,n)Cd107	-2198.75 keV

<< 45-Rh-103	**47-Ag-107**	48-Cd-106 >>
<< MT4 (p,n)	**MT28 (p,n+p) or MT5 (Ag106 production)**	MT102 (p,γ) >>

Ag107 (p,n+p) or Ag106 production log-log



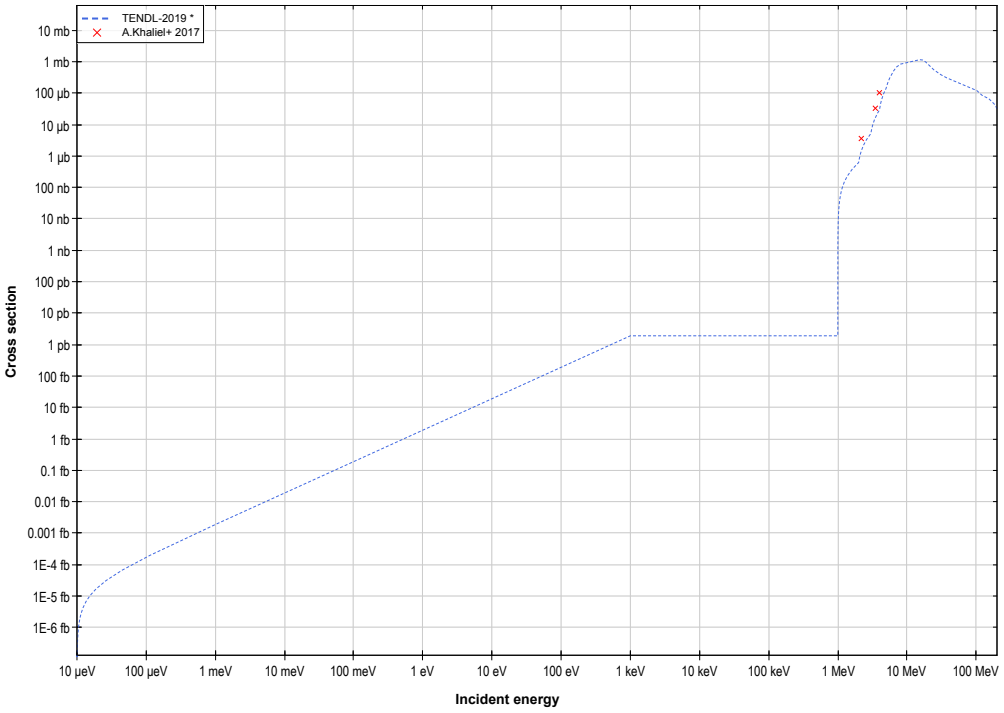
Ag107 (p,n+p) or Ag106 production lin-log



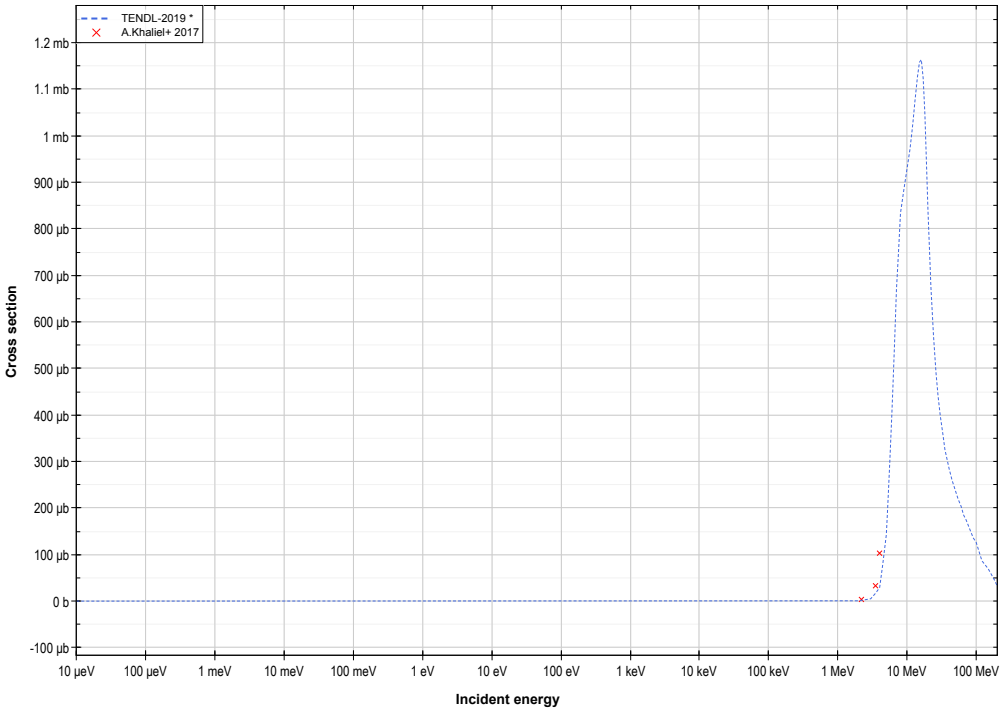
Reaction	Q-Value
Ag107(p,d)Ag106	-7311.45 keV
Ag107(p,n+p)Ag106	-9536.02 keV

<< 42-Mo-100	**47-Ag-107**	47-Ag-109 >>
<< MT28 (p,n+p)	**MT102 (p,γ) or MT5 (Cd108 production)**	MT104 (p,d) >>

Ag107 (p,γ) or Cd108 production log-log



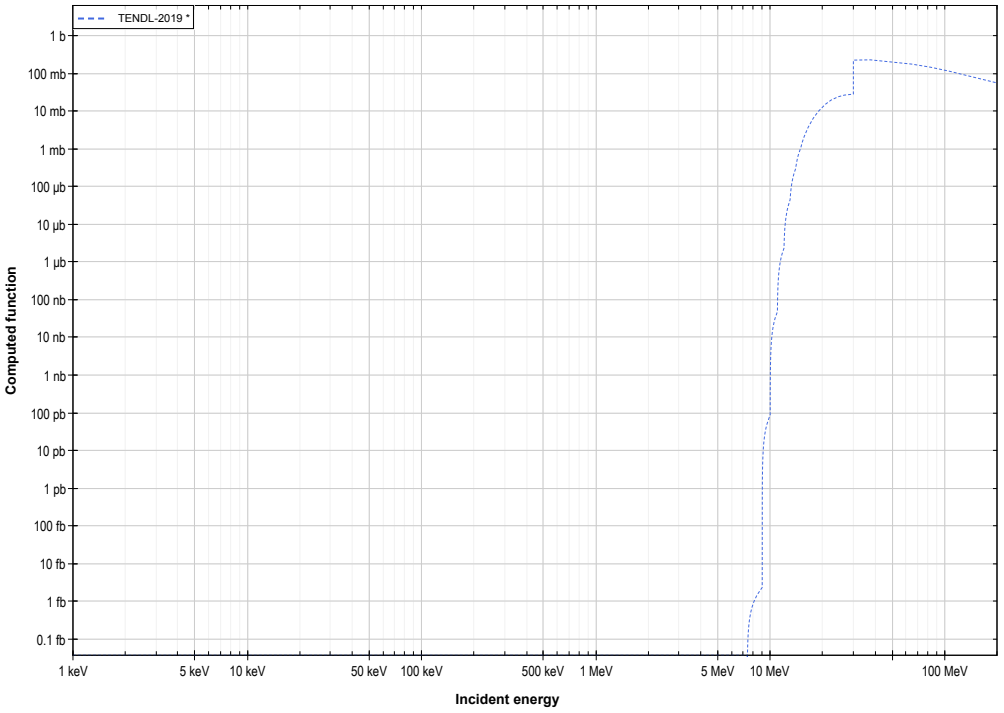
Ag107 (p,γ) or Cd108 production lin-log



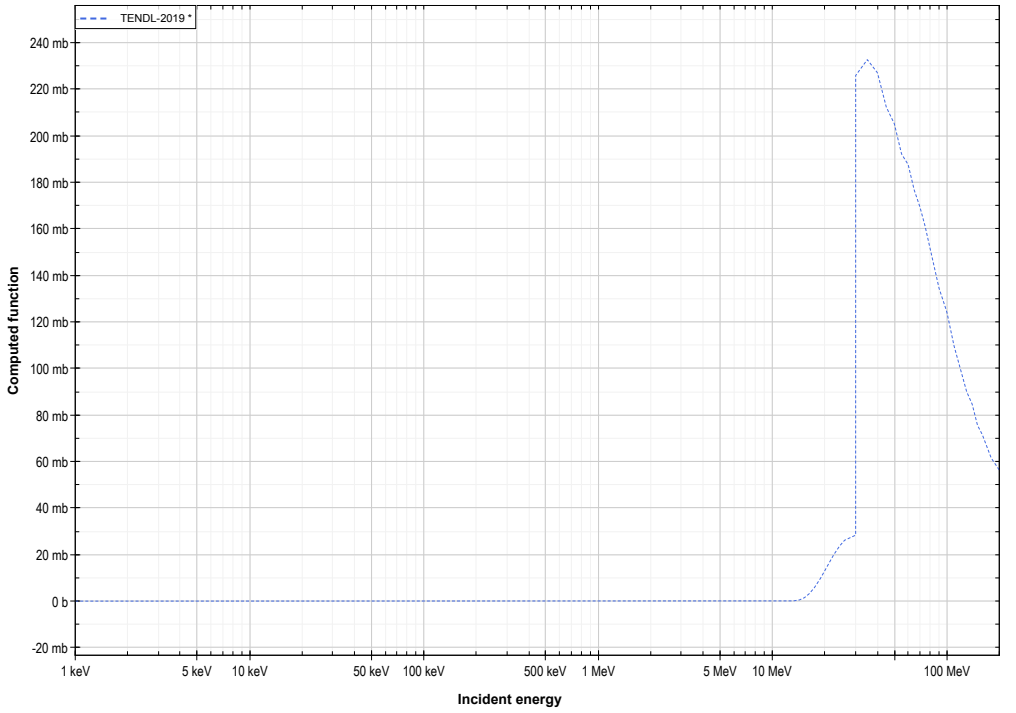
Reaction	Q-Value
Ag107(p,γ)Cd108	8134.67 keV

<< 45-Rh-103	**47-Ag-107**	48-Cd-116 >>
<< MT102 (p,γ)	**MT104 (p,d) or MT5 (Ag106 production)**	47-Ag-109 MT4 (p,n) >>

Ag107 (p,d) or Ag106 production log-log



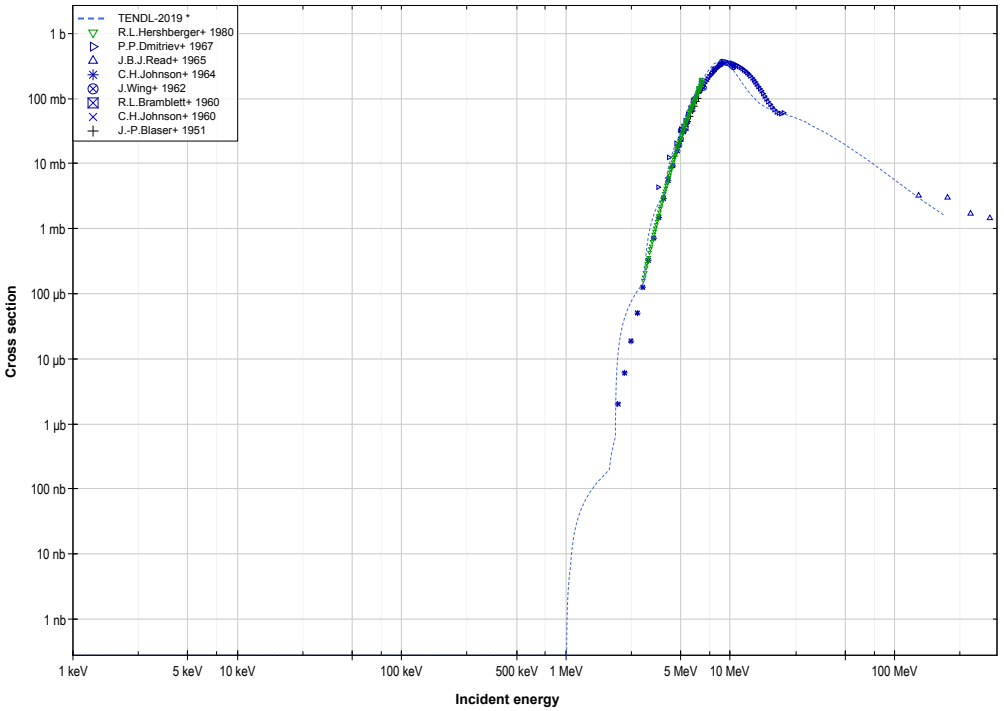
Ag107 (p,d) or Ag106 production lin-log



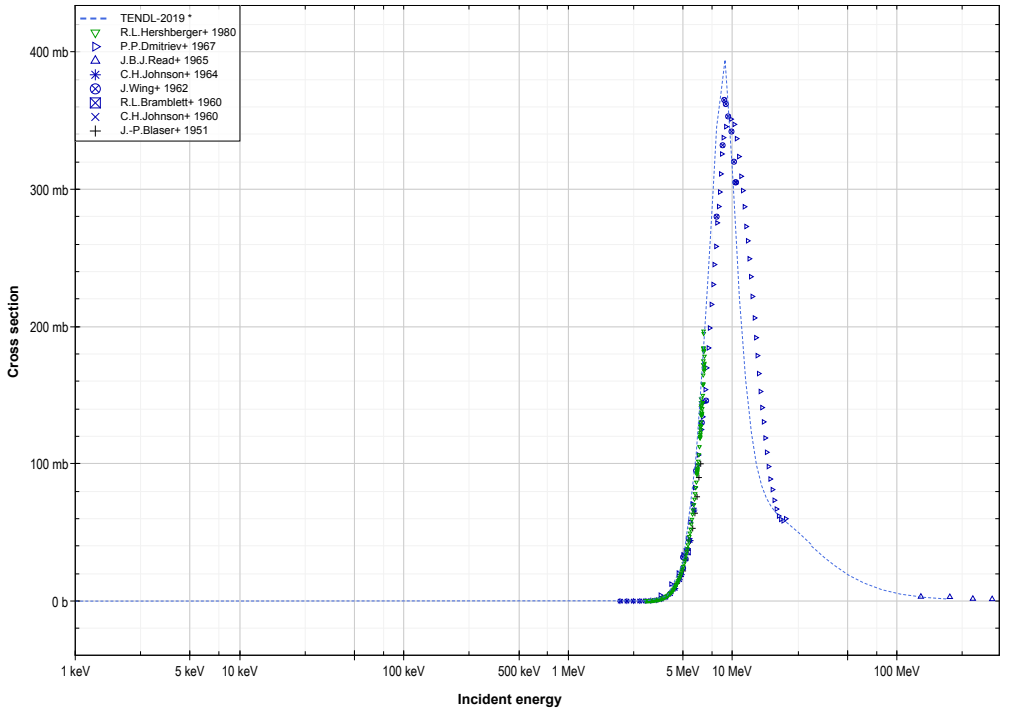
Reaction	Q-Value
Ag107(p,d)Ag106	-7311.45 keV
Ag107(p,n+p)Ag106	-9536.02 keV

<< 47-Ag-107	**47-Ag-109**	48-Cd-110 >>
<< 47-Ag-107 MT104 (p,d)	**MT4 (p,n) or MT5 (Cd109 production)**	MT102 (p,γ) >>

Ag109 (p,n) or Cd109 production log-log



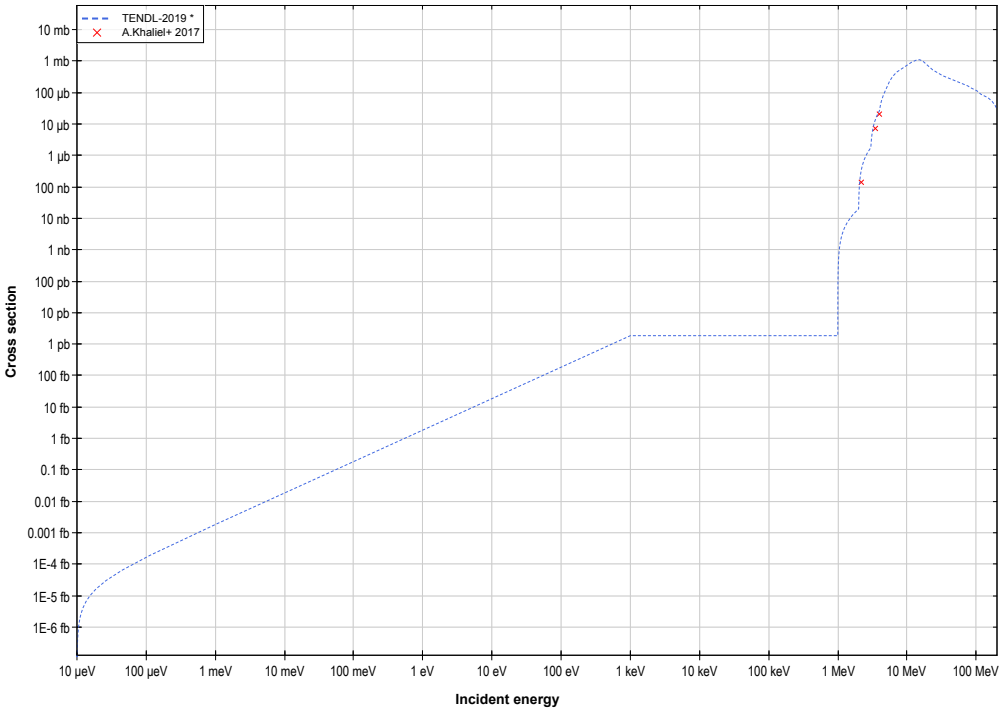
Ag109 (p,n) or Cd109 production lin-log



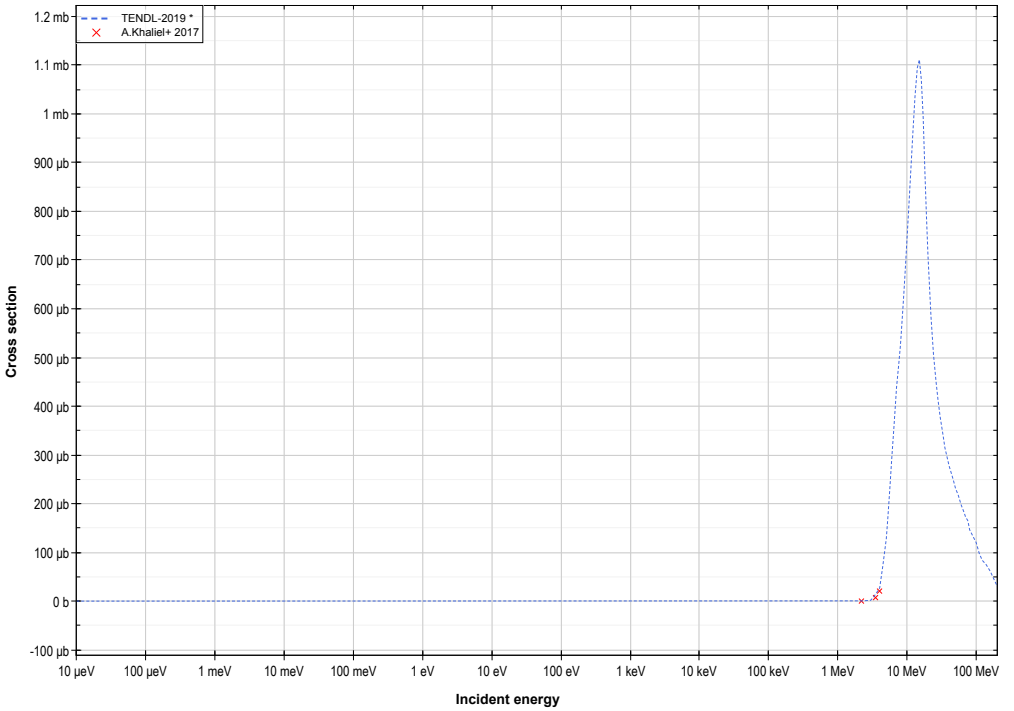
Reaction	Q-Value
Ag109(p,n)Cd109	-997.45 keV

<< 47-Ag-107	**47-Ag-109**	48-Cd-114 >>
<< MT4 (p,n)	**MT102 (p,γ) or MT5 (Cd110 production)**	48-Cd-106 MT28 (p,n+p) >>

Ag109 (p,γ) or Cd110 production log-log



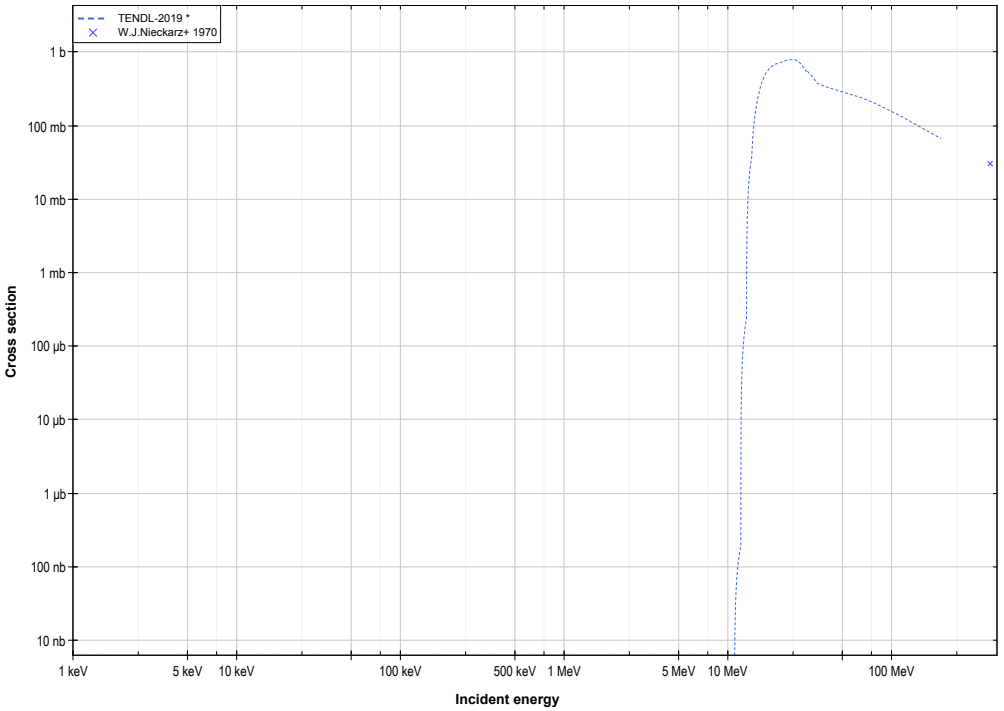
Ag109 (p,γ) or Cd110 production lin-log



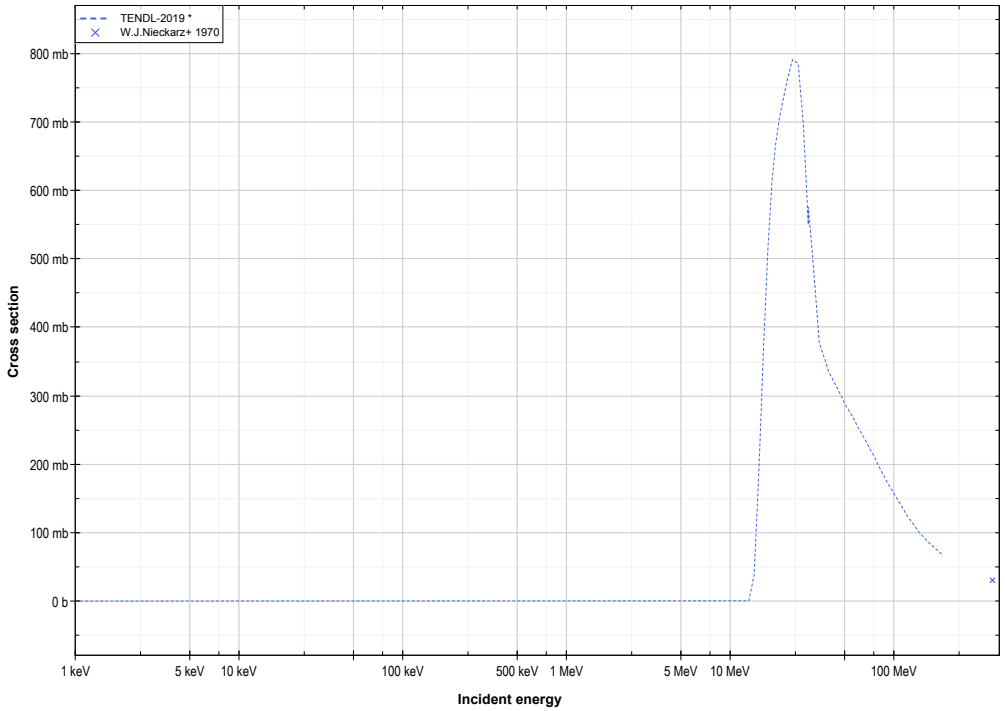
Reaction	Q-Value
Ag109(p,γ)Cd110	8917.57 keV

<< 47-Ag-107	**48-Cd-106**	48-Cd-108 >>
<< 47-Ag-109 MT102 (p,γ)	**MT28 (p,n+p) or MT5 (Cd105 production)**	MT111 (p,2p) >>

Cd106 (p,n+p) or Cd105 production log-log



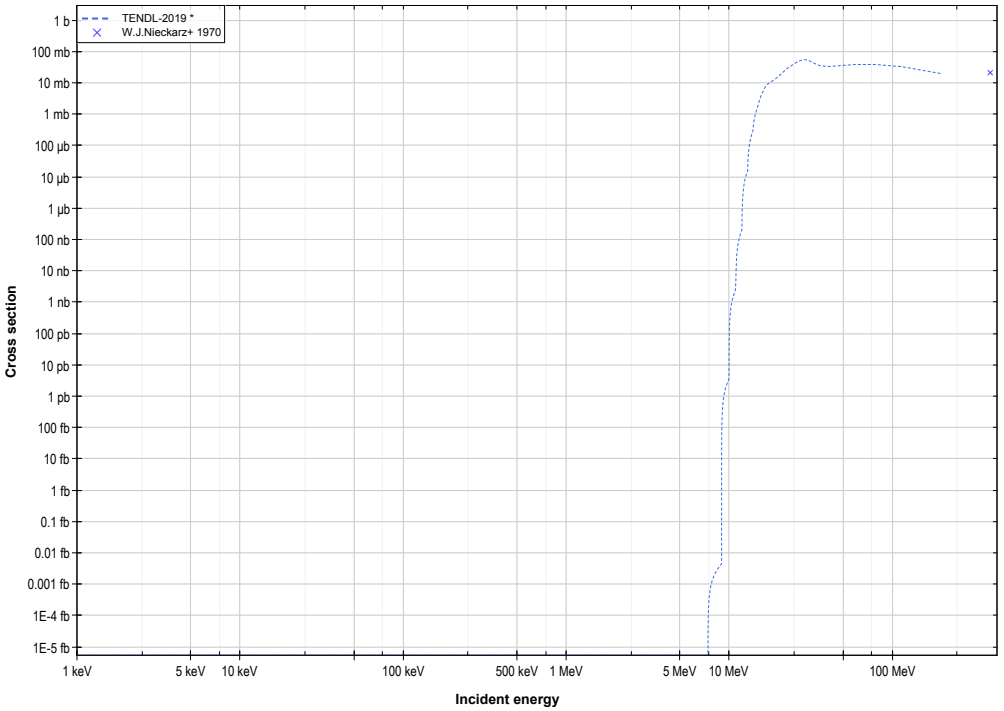
Cd106 (p,n+p) or Cd105 production lin-log



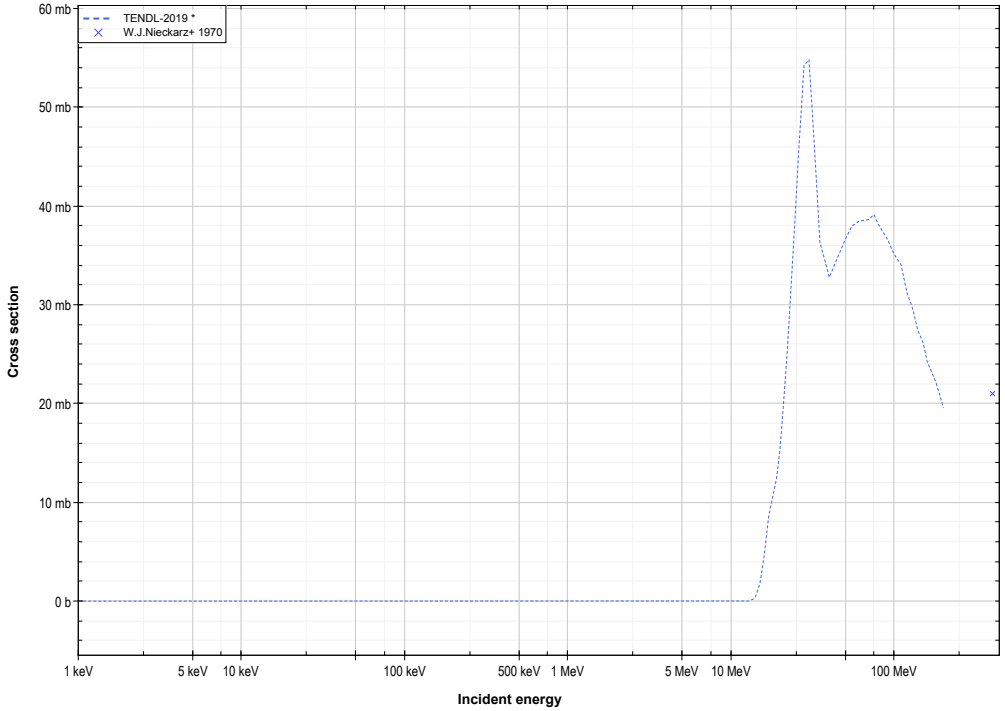
Reaction	Q-Value
Cd106(p,d)Cd105	-8645.05 keV
Cd106(p,n+p)Cd105	-10869.62 keV

<< 42-Mo-98	**48-Cd-106**	48-Cd-112 >>
<< MT28 (p,n+p)	**MT111 (p,2p) or MT5 (Ag105 production)**	48-Cd-108 MT16 (p,2n) >>

Cd106 (p,2p) or Ag105 production log-log



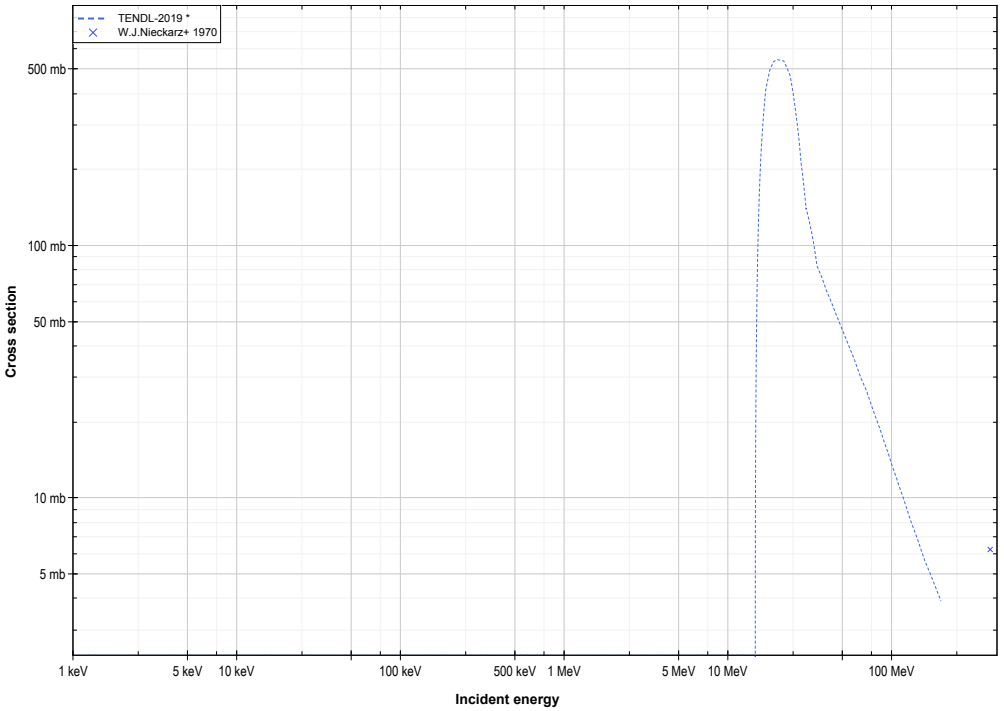
Cd106 (p,2p) or Ag105 production lin-log



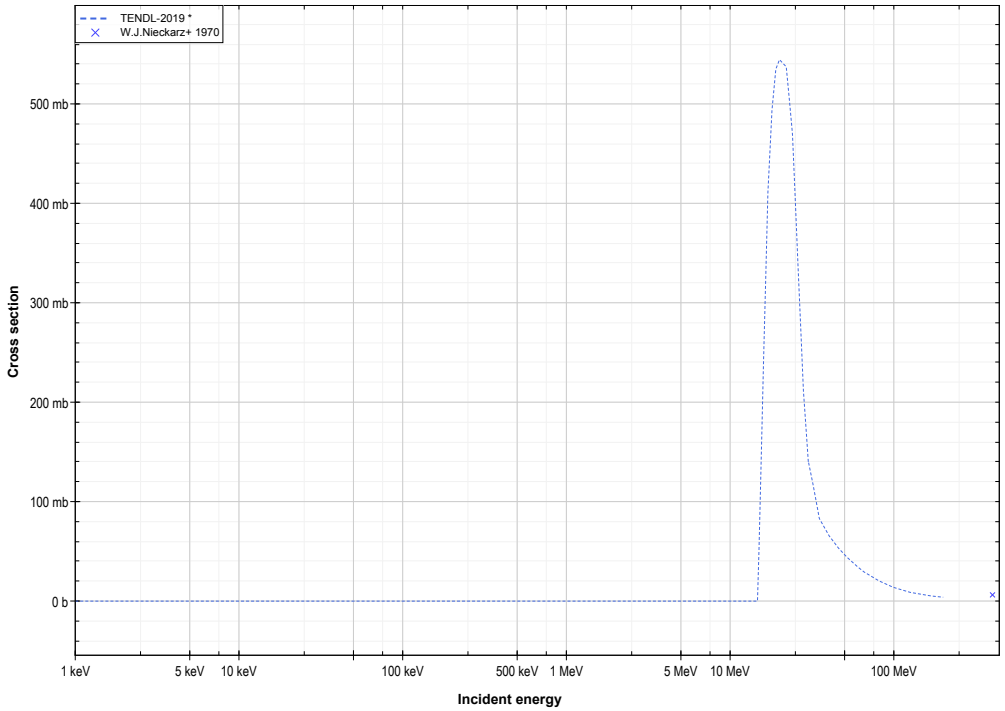
Reaction	Q-Value
Cd106(p,2p)Ag105	-7350.07 keV

<< 42-Mo-100	**48-Cd-108**	48-Cd-110 >>
<< 48-Cd-106 MT111 (p,2p)	**MT16 (p,2n) or MT5 (In107 production)**	MT28 (p,n+p) >>

Cd108 (p,2n) or In107 production log-log



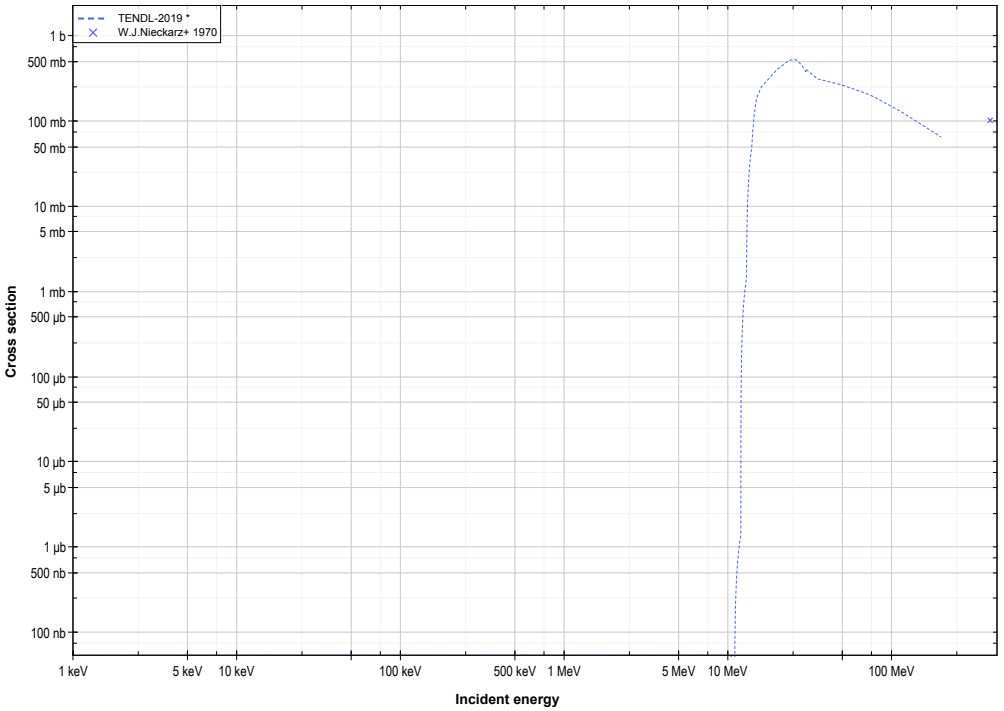
Cd108 (p,2n) or In107 production lin-log



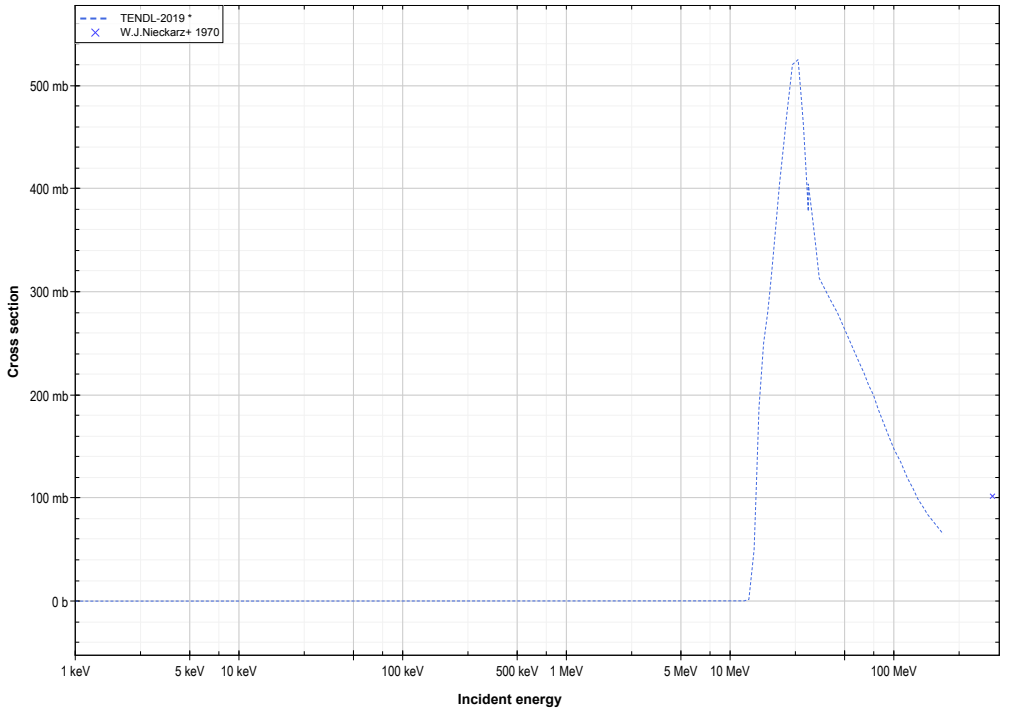
Reaction	Q-Value
Cd108(p,2n)In107	-14542.06 keV

<< 48-Cd-106	**48-Cd-108**	48-Cd-110 >>
<< MT16 (p,2n)	**MT28 (p,n+p) or MT5 (Cd107 production)**	48-Cd-110 MT4 (p,n) >>

Cd108 (p,n+p) or Cd107 production log-log



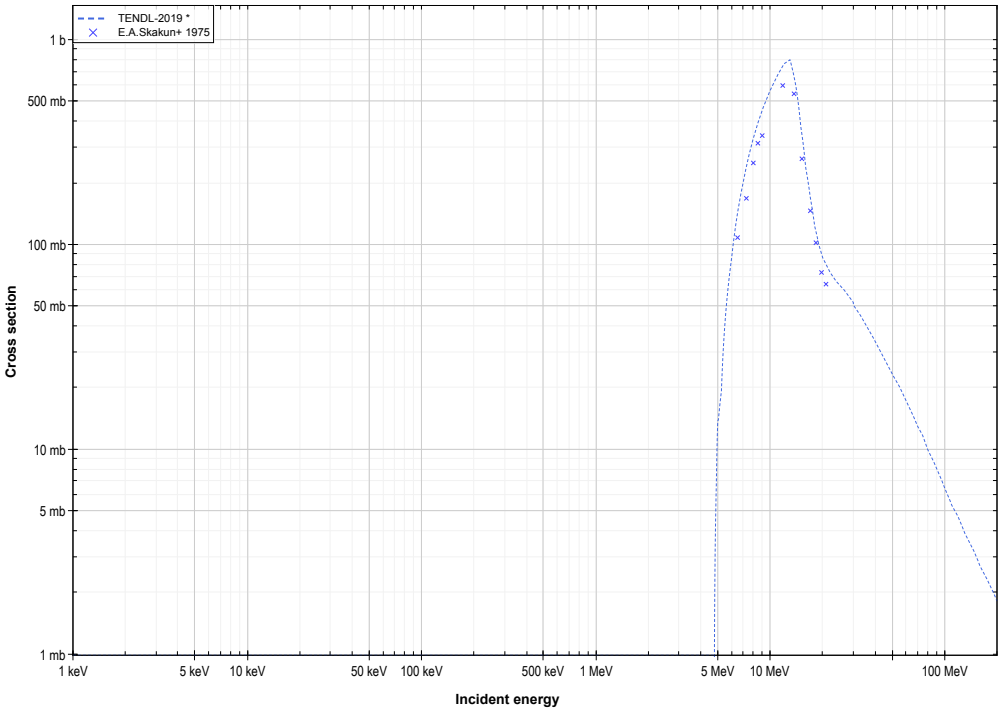
Cd108 (p,n+p) or Cd107 production lin-log



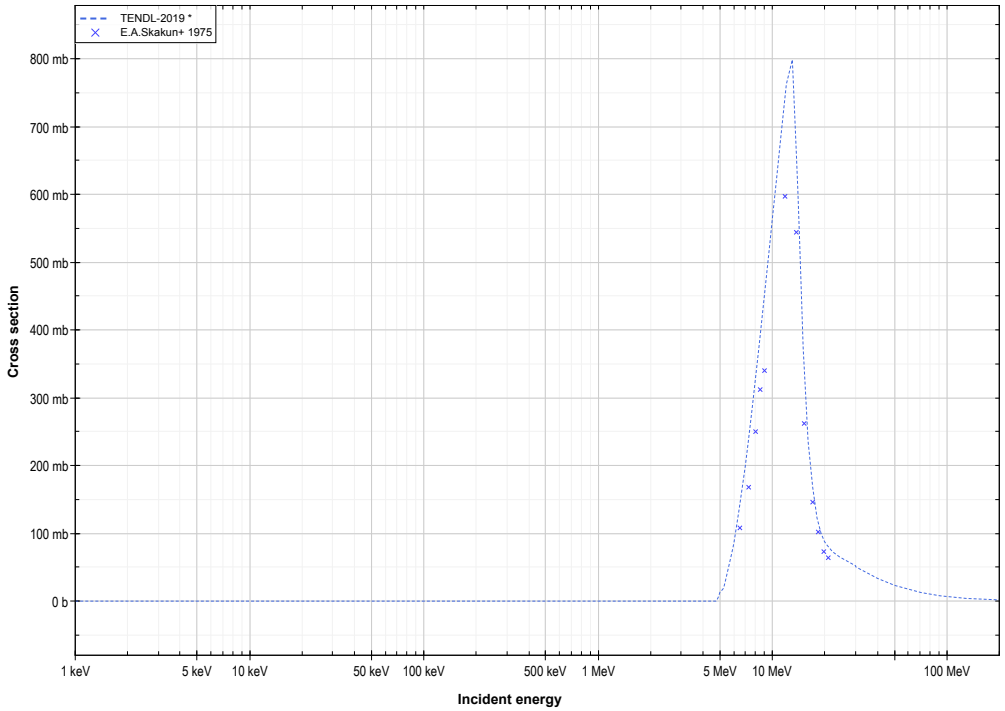
Reaction	Q-Value
Cd108(p,d)Cd107	-8108.85 keV
Cd108(p,n+p)Cd107	-10333.42 keV

<< 47-Ag-109	**48-Cd-110**	48-Cd-111 >>
<< 48-Cd-108 MT28 (p,n+p)	**MT4 (p,n) or MT5 (In110 production)**	MT16 (p,2n) >>

Cd110 (p,n) or In110 production log-log



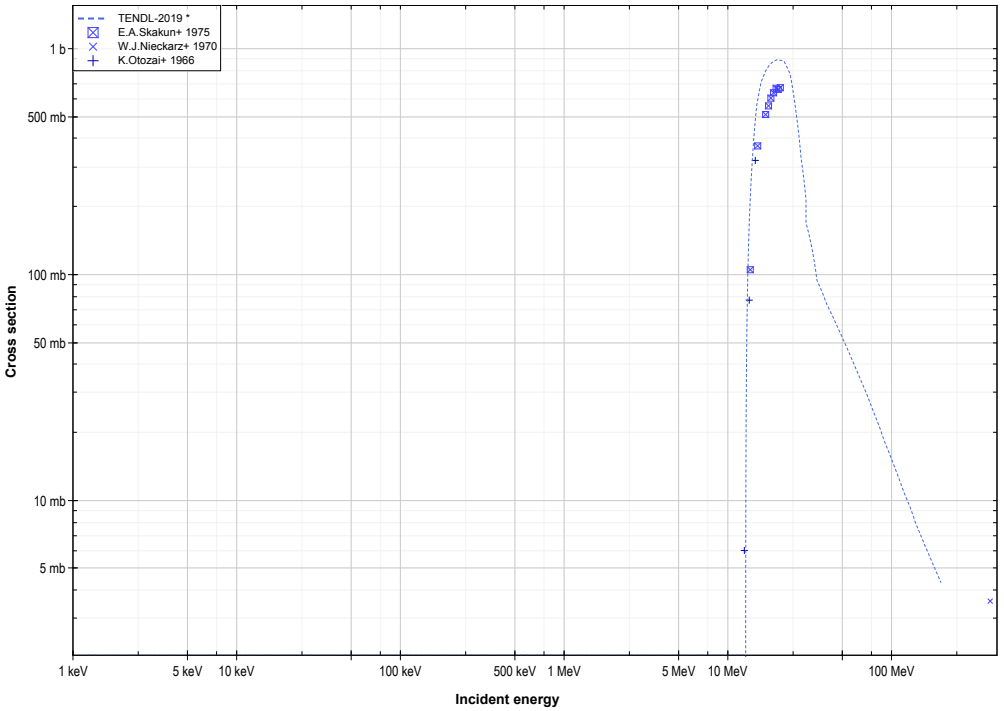
Cd110 (p,n) or In110 production lin-log



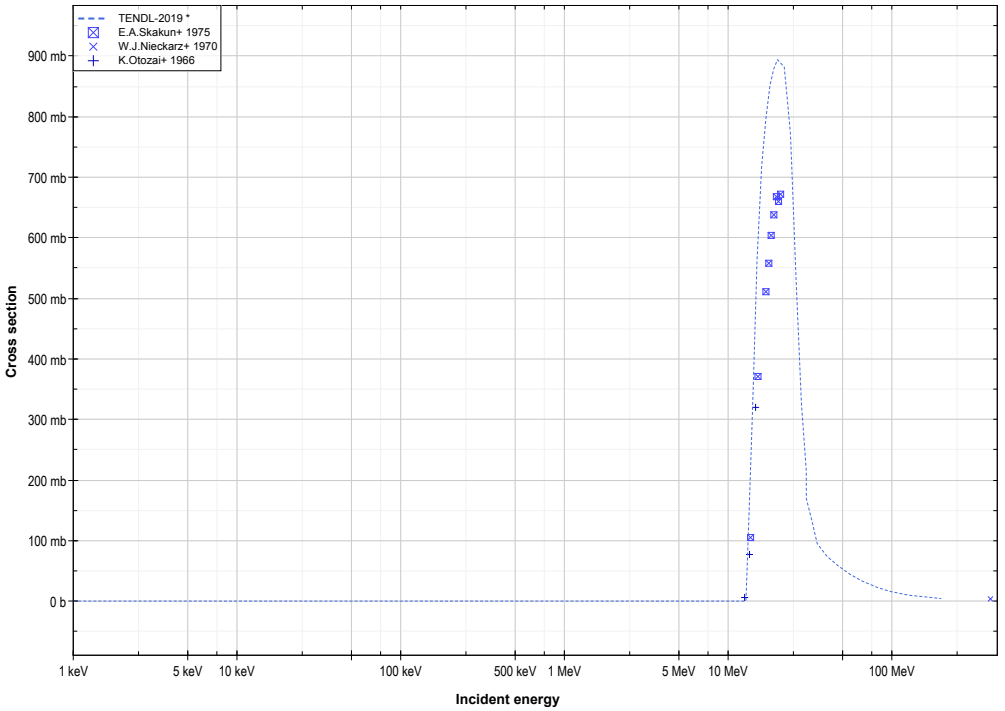
Reaction	Q-Value
Cd110(p,n)In110	-4660.35 keV

<< 48-Cd-108	**48-Cd-110**	48-Cd-111 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (In109 production)**	MT28 (p,n+p) >>

Cd110 (p,2n) or In109 production log-log



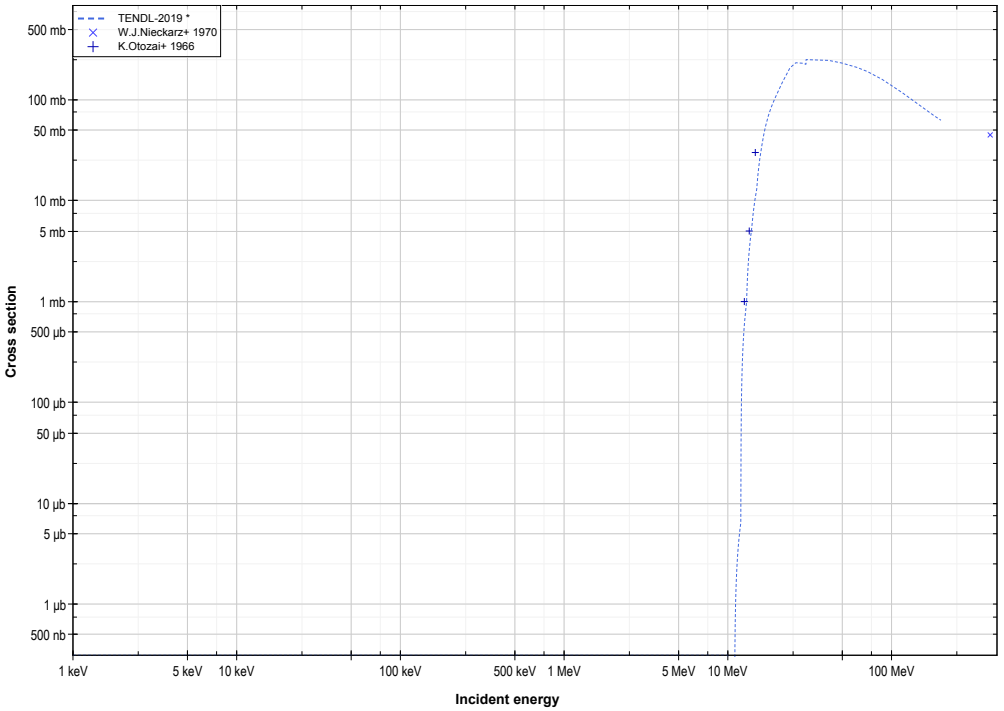
Cd110 (p,2n) or In109 production lin-log



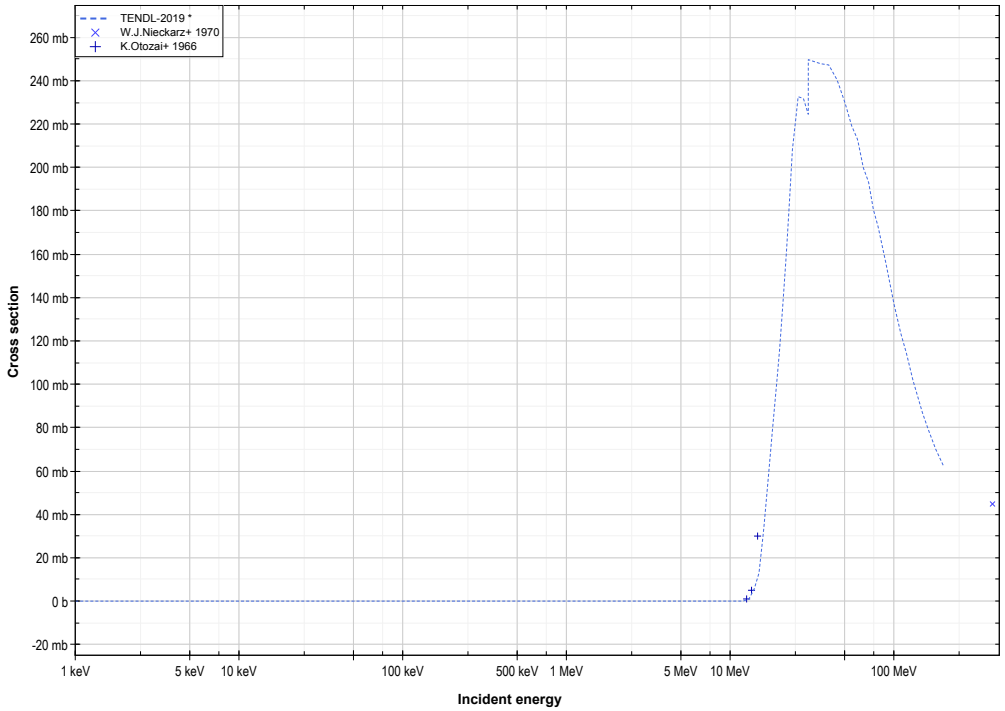
Reaction	Q-Value
Cd110(p,2n)In109	-12711.66 keV

<< 48-Cd-108	**48-Cd-110**	48-Cd-116 >>
<< MT16 (p,2n)	**MT28 (p,n+p) or MT5 (Cd109 production)**	48-Cd-111 MT4 (p,n) >>

Cd110 (p,n+p) or Cd109 production log-log



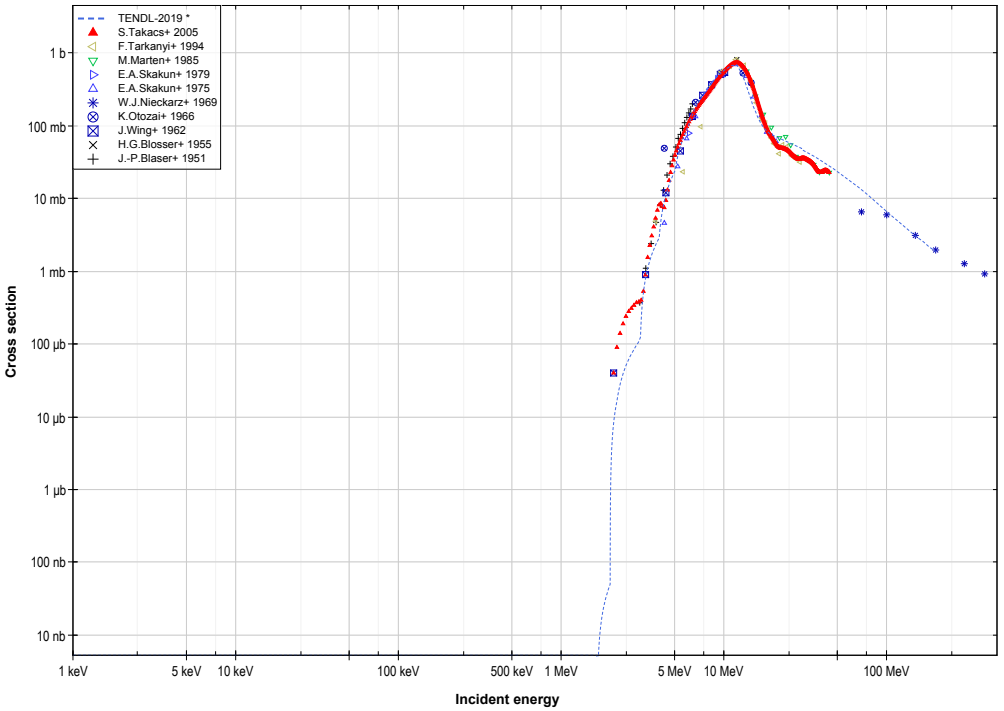
Cd110 (p,n+p) or Cd109 production lin-log



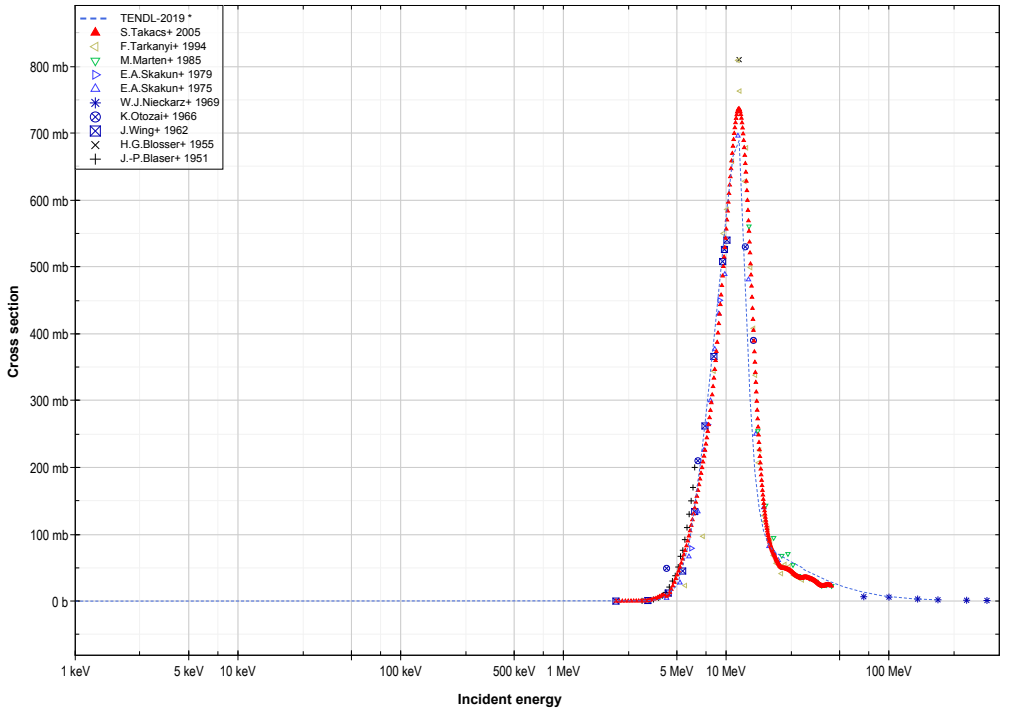
Reaction	Q-Value
Cd110(p,d)Cd109	-7690.45 keV
Cd110(p,n+p)Cd109	-9915.02 keV

<< 48-Cd-110	**48-Cd-111**	48-Cd-112 >>
<< 48-Cd-110 MT28 (p,n+p)	**MT4 (p,n) or MT5 (In111 production)**	MT16 (p,2n) >>

Cd111 (p,n) or In111 production log-log



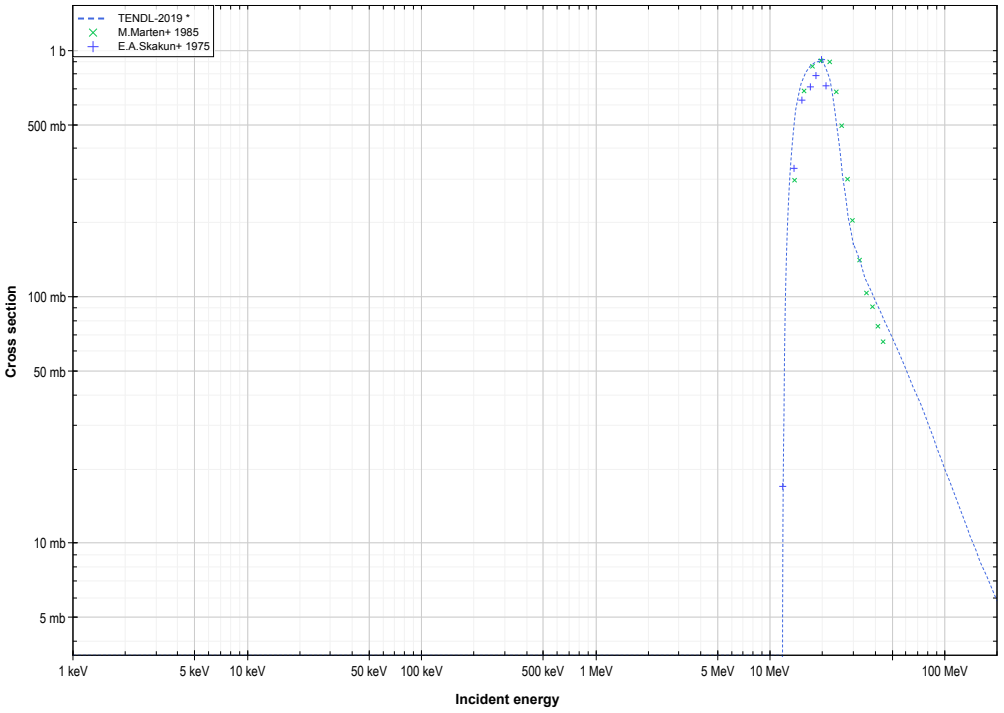
Cd111 (p,n) or In111 production lin-log



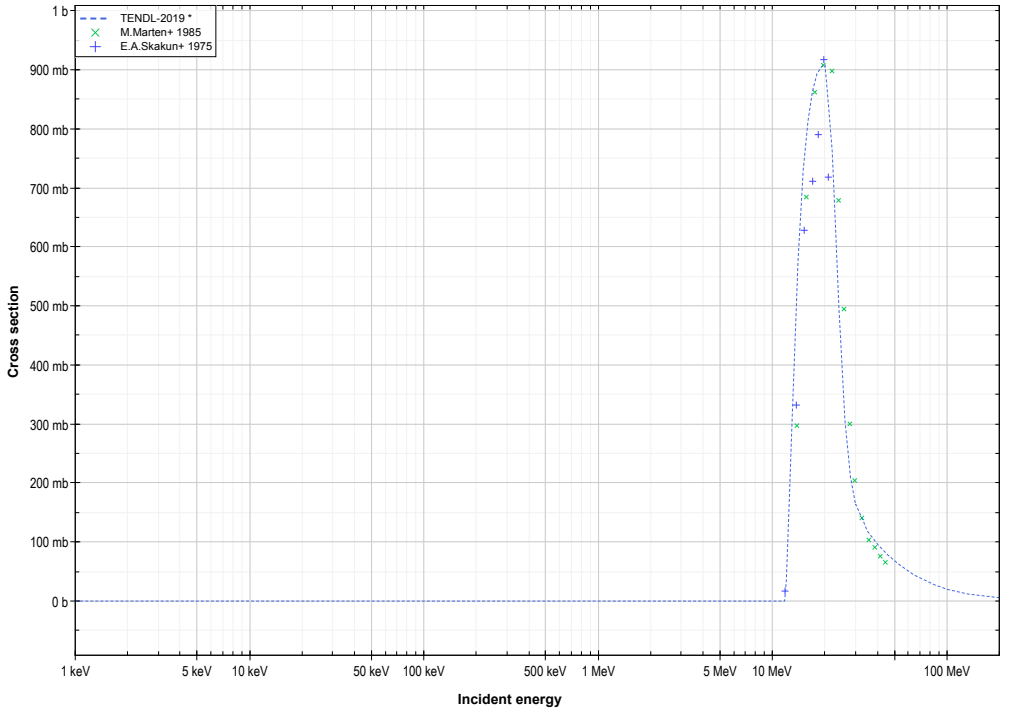
Reaction	Q-Value
Cd111(p,n)In111	-1642.55 keV

<< 48-Cd-110	**48-Cd-111**	48-Cd-112 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (In110 production)**	MT17 (p,3n) >>

Cd111 (p,2n) or In110 production log-log



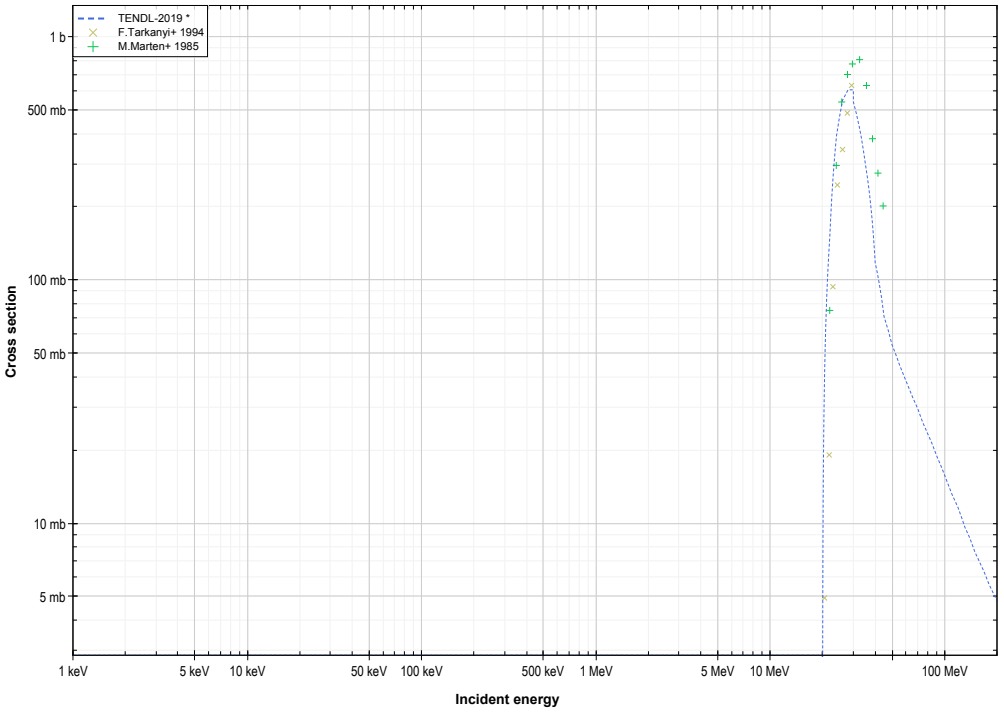
Cd111 (p,2n) or In110 production lin-log



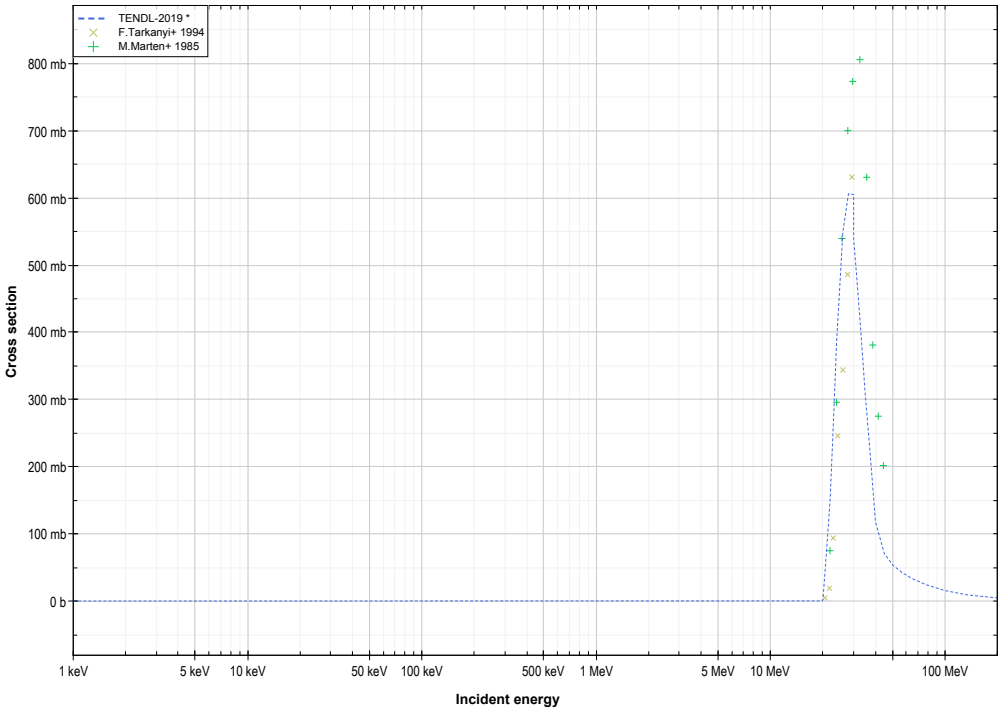
Reaction	Q-Value
Cd111(p,2n)In110	-11635.86 keV

<< 45-Rh-103	**48-Cd-111**	48-Cd-112 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (In109 production)**	MT37 (p,4n) >>

Cd111 (p,3n) or In109 production log-log



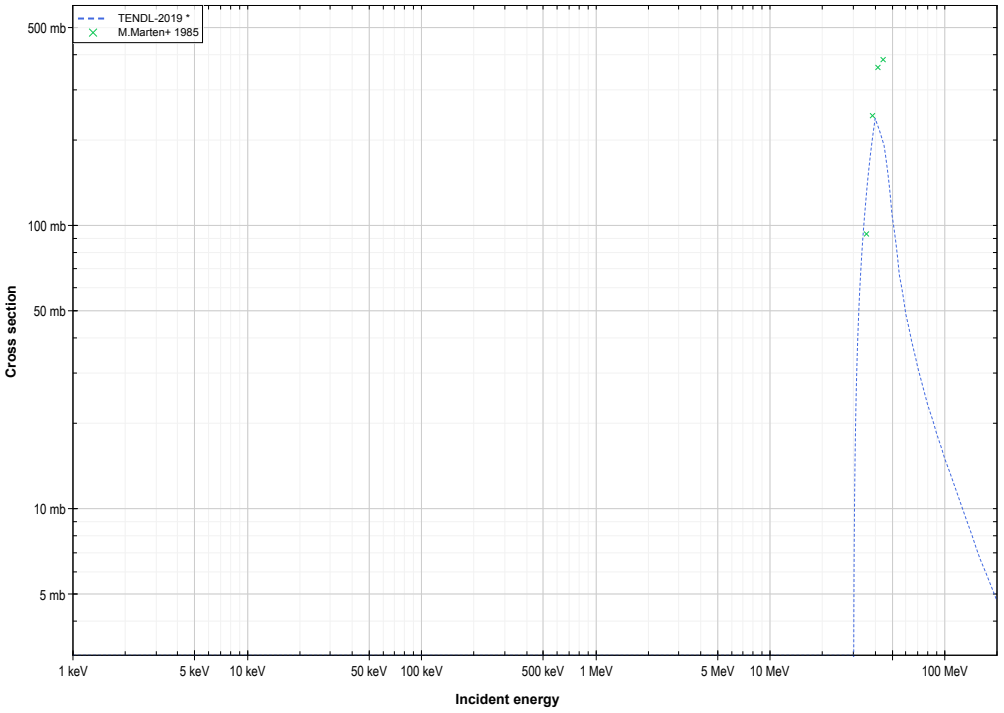
Cd111 (p,3n) or In109 production lin-log



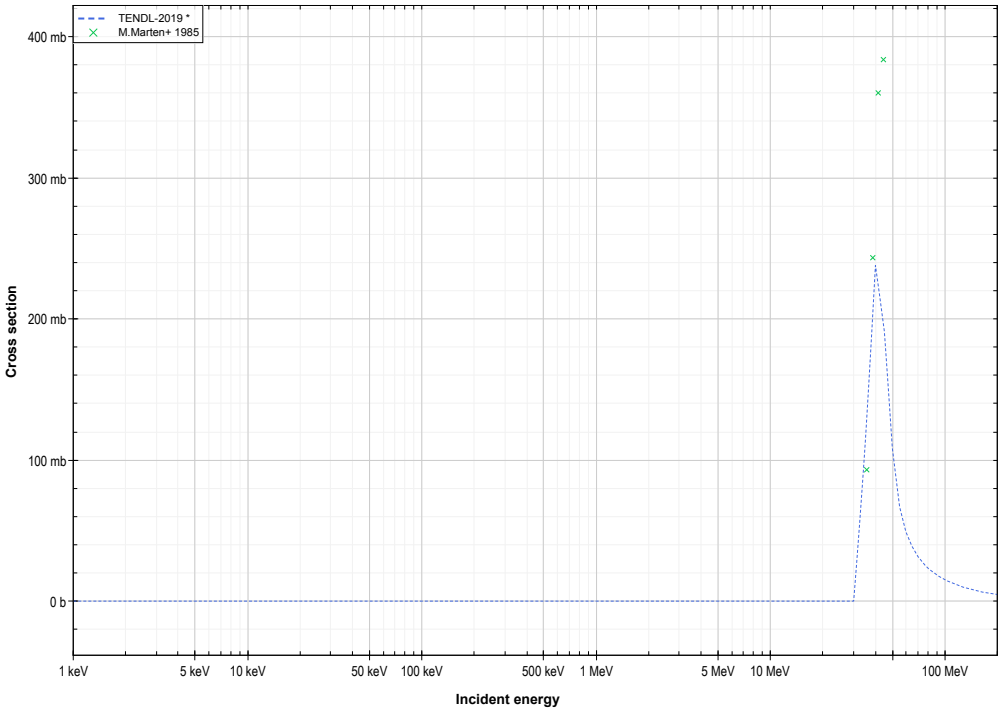
Reaction	Q-Value
Cd111(p,3n)In109	-19687.18 keV

<< 45-Rh-103	**48-Cd-111**	48-Cd-112 >>
<< MT17 (p,3n)	**MT37 (p,4n) or MT5 (In108 production)**	MT103 (p,p) >>

Cd111 (p,4n) or In108 production log-log



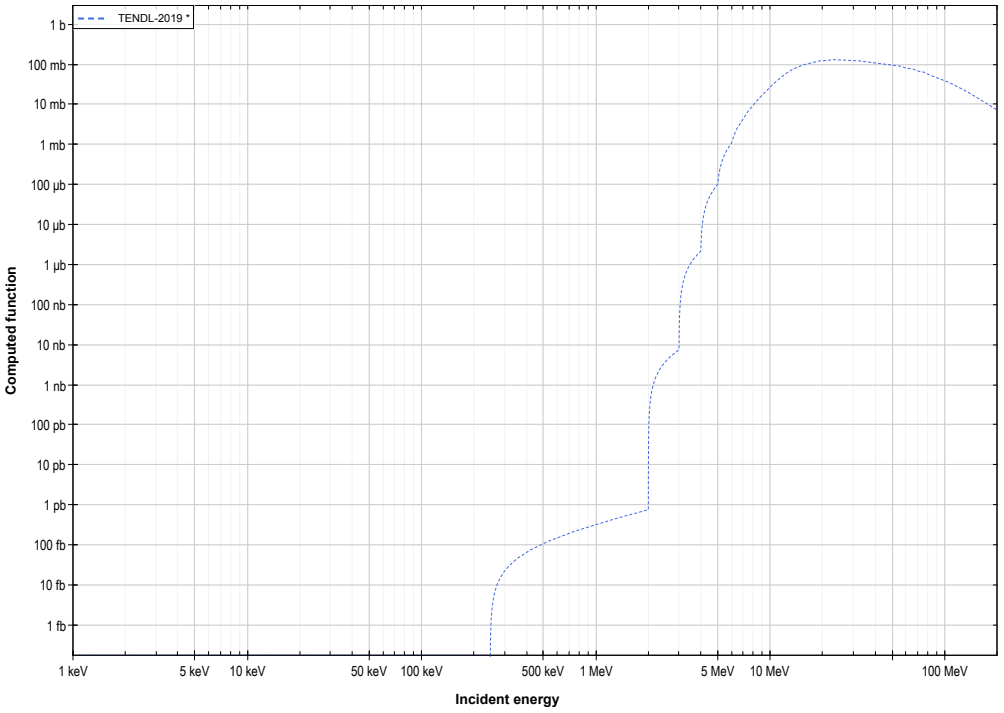
Cd111 (p,4n) or In108 production lin-log



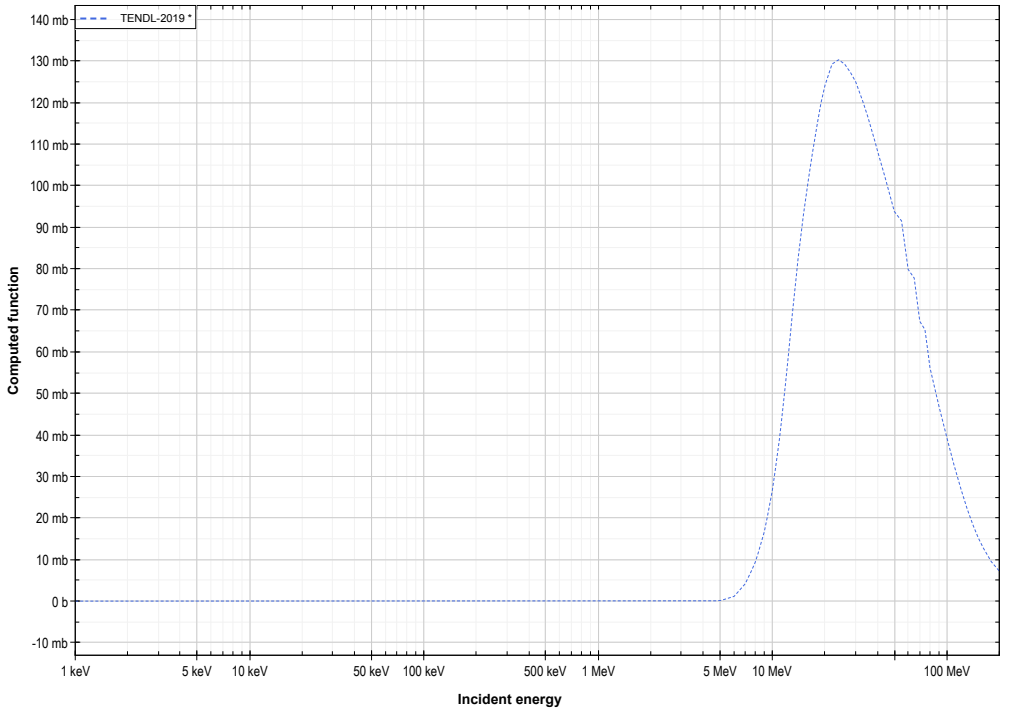
Reaction	Q-Value
Cd111(p,4n)In108	-30128.50 keV

<< 43-Tc-99	**48-Cd-111**	49-In-113 >>
<< MT37 (p,4n)	**MT103 (p,p) or MT5 (Cd111 production)**	48-Cd-112 MT4 (p,n) >>

Cd111 (p,p) or Cd111 production log-log



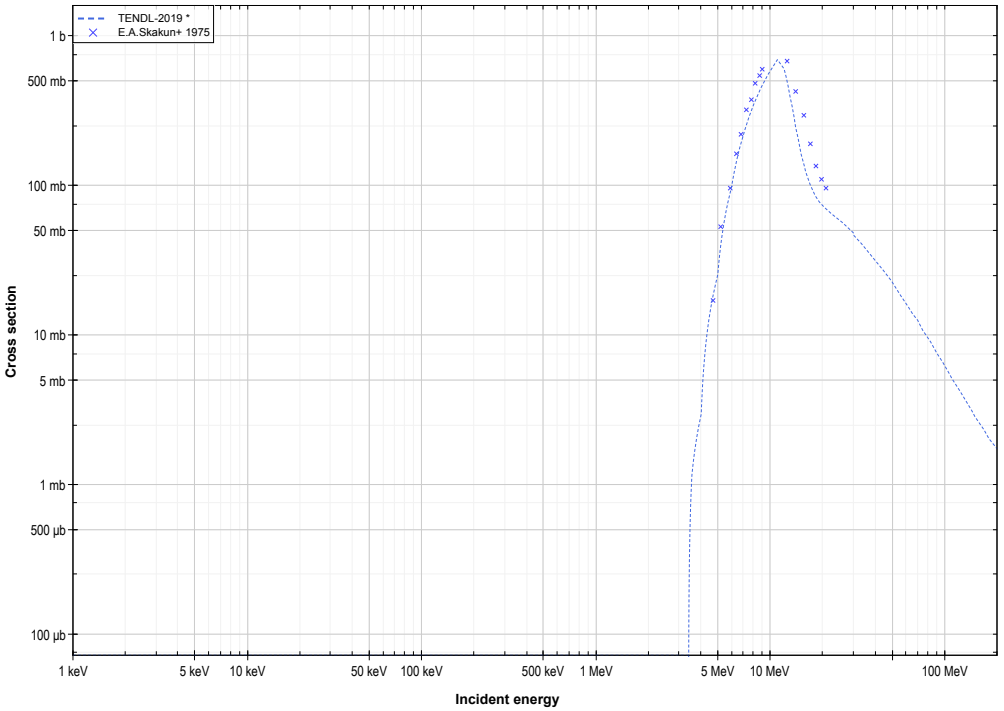
Cd111 (p,p) or Cd111 production lin-log



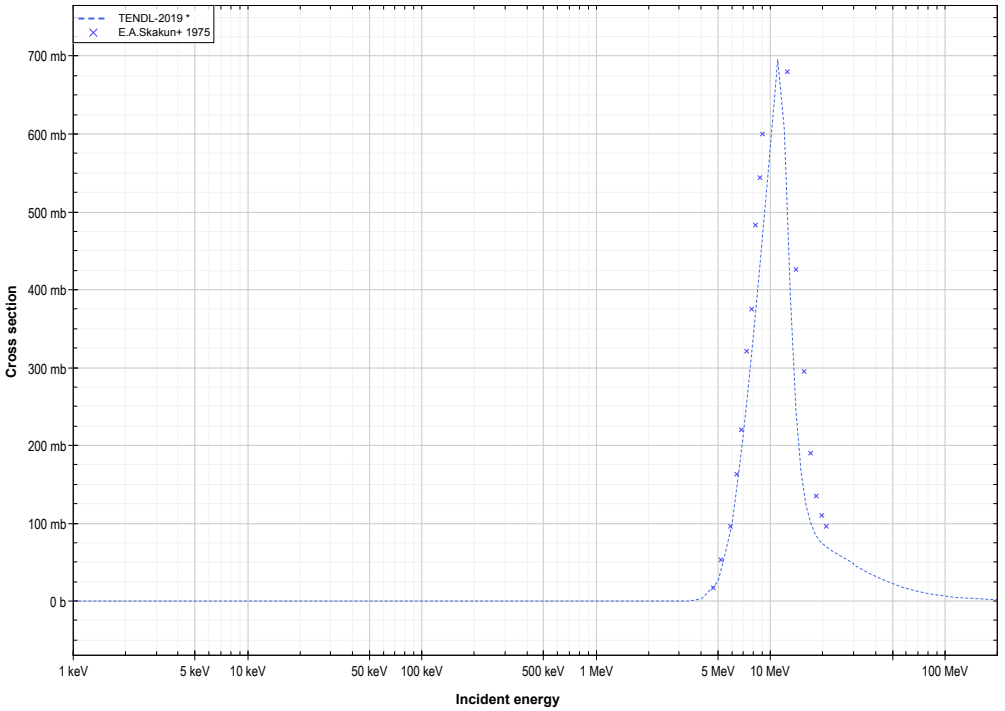
Reaction	Q-Value
Cd111(p,p)Cd111	0.00 keV

<< 48-Cd-111	**48-Cd-112**	48-Cd-113 >>
<< 48-Cd-111 MT103 (p,p)	**MT4 (p,n) or MT5 (In112 production)**	MT16 (p,2n) >>

Cd112 (p,n) or In112 production log-log



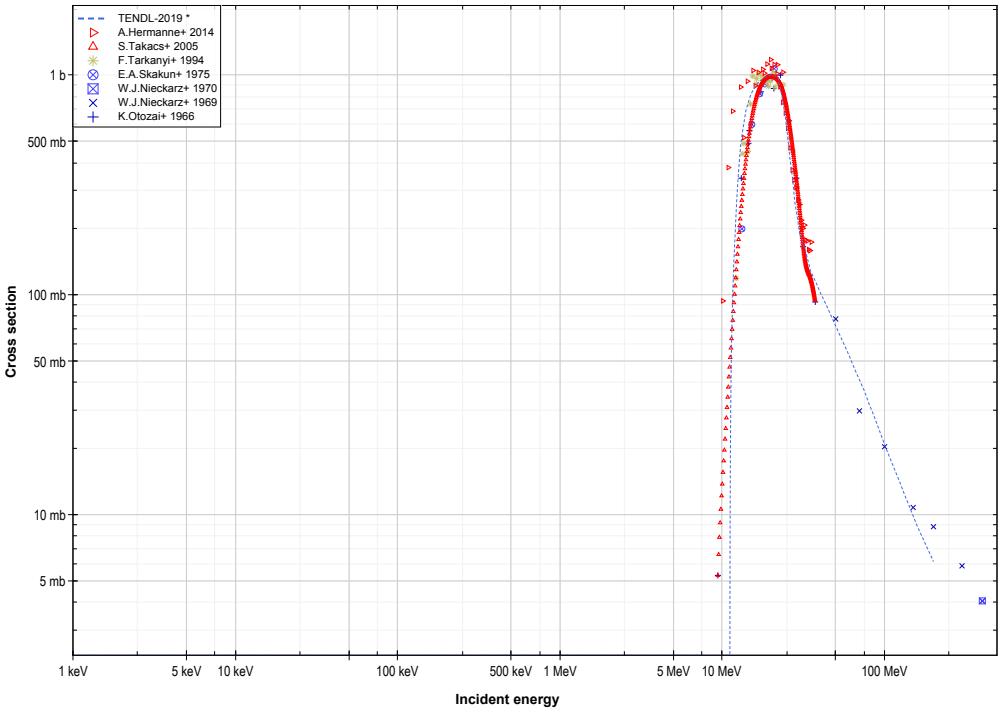
Cd112 (p,n) or In112 production lin-log



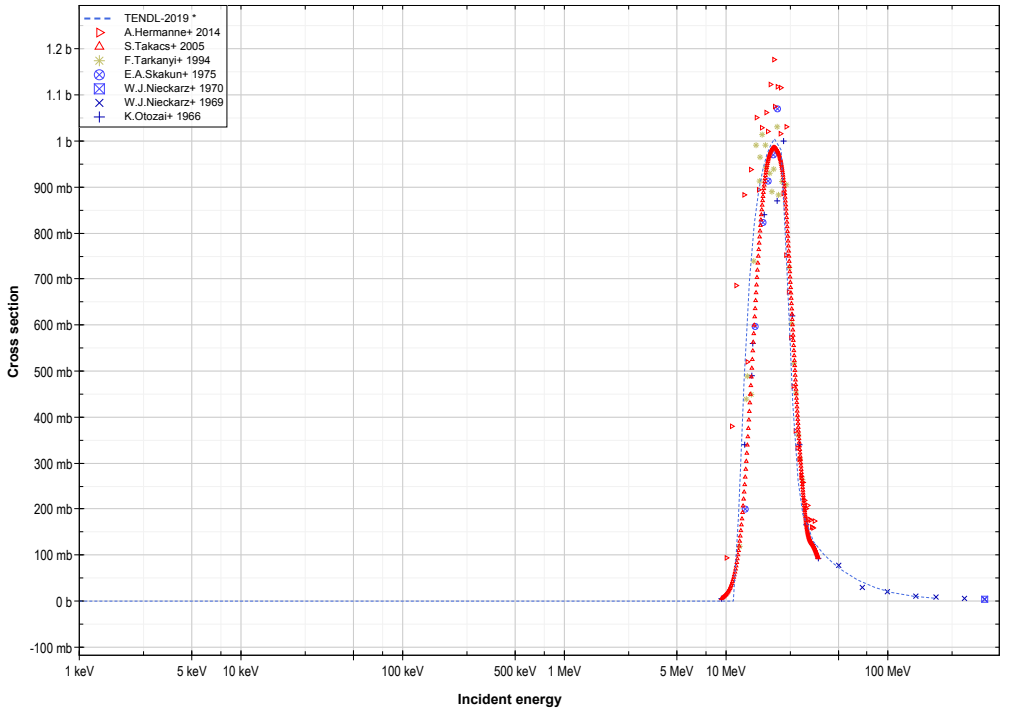
Reaction	Q-Value
Cd112(p,n)In112	-3367.21 keV

<< 48-Cd-111	**48-Cd-112**	48-Cd-113 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (In111 production)**	MT17 (p,3n) >>

Cd112 (p,2n) or In111 production log-log



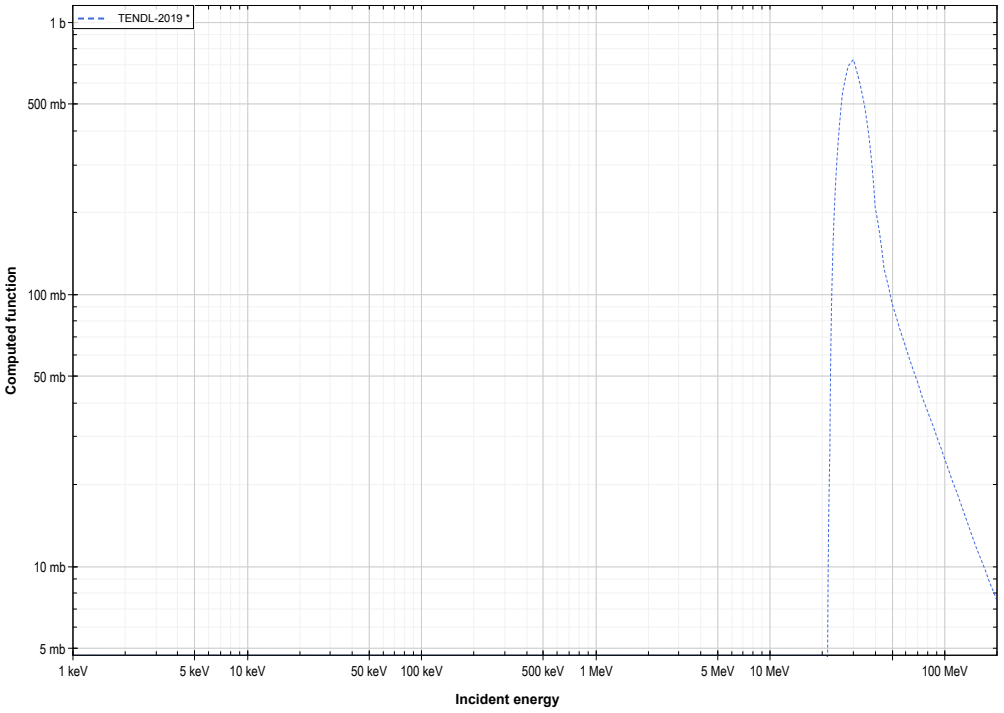
Cd112 (p,2n) or In111 production lin-log



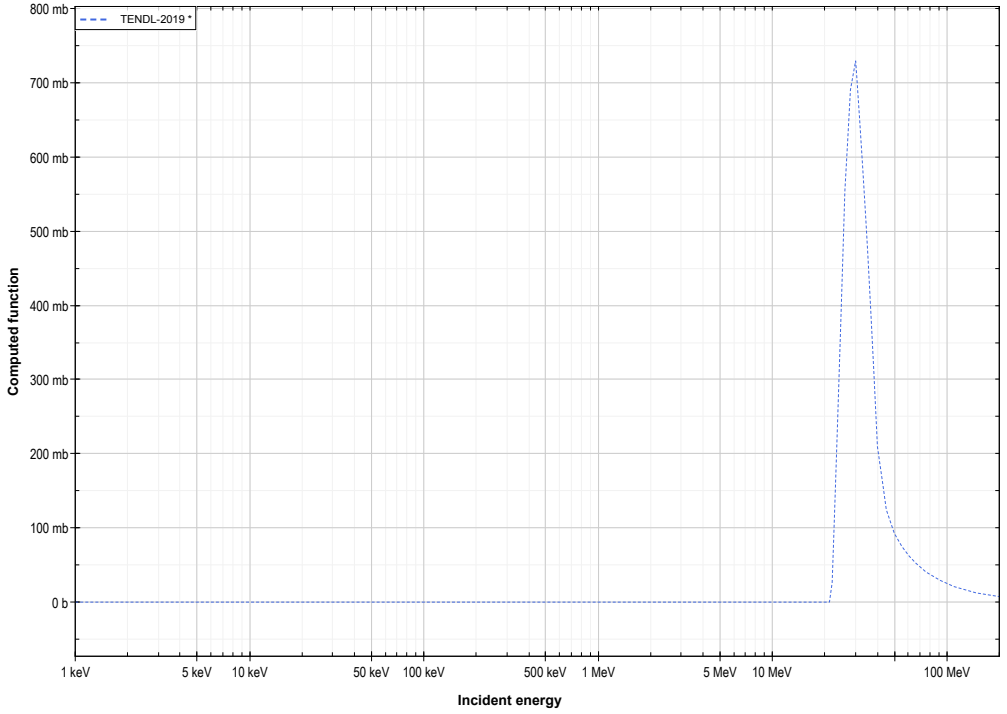
Reaction	Q-Value
Cd112(p,2n)In111	-11036.52 keV

<< 48-Cd-111	**48-Cd-112**	48-Cd-113 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (In110 production)**	MT37 (p,4n) >>

Cd112 (p,3n) or In110 production log-log



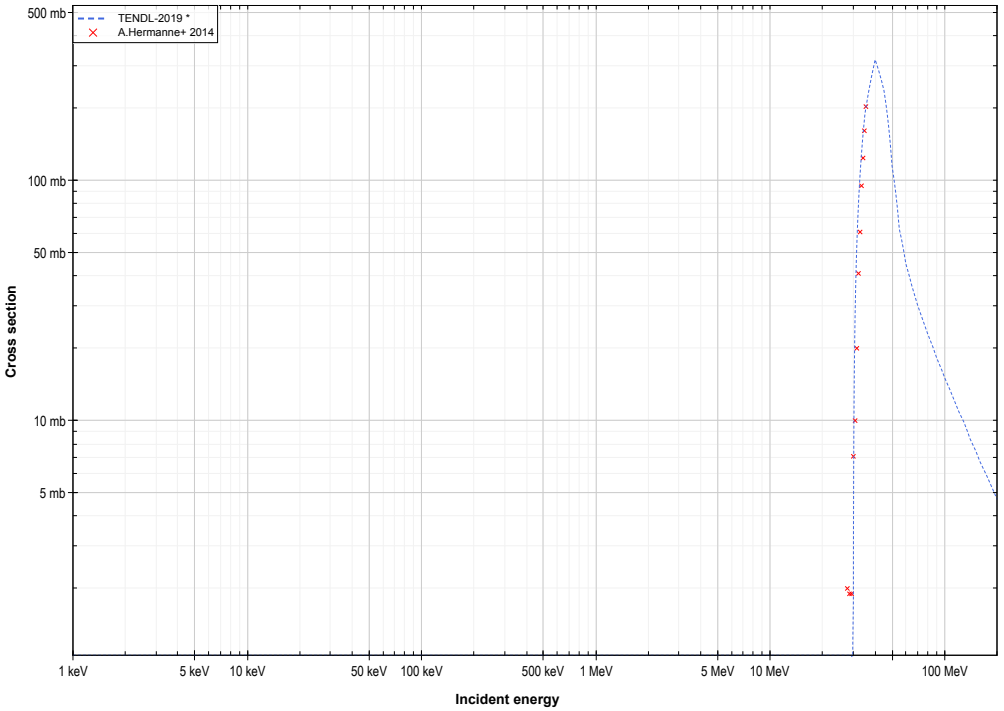
Cd112 (p,3n) or In110 production lin-log



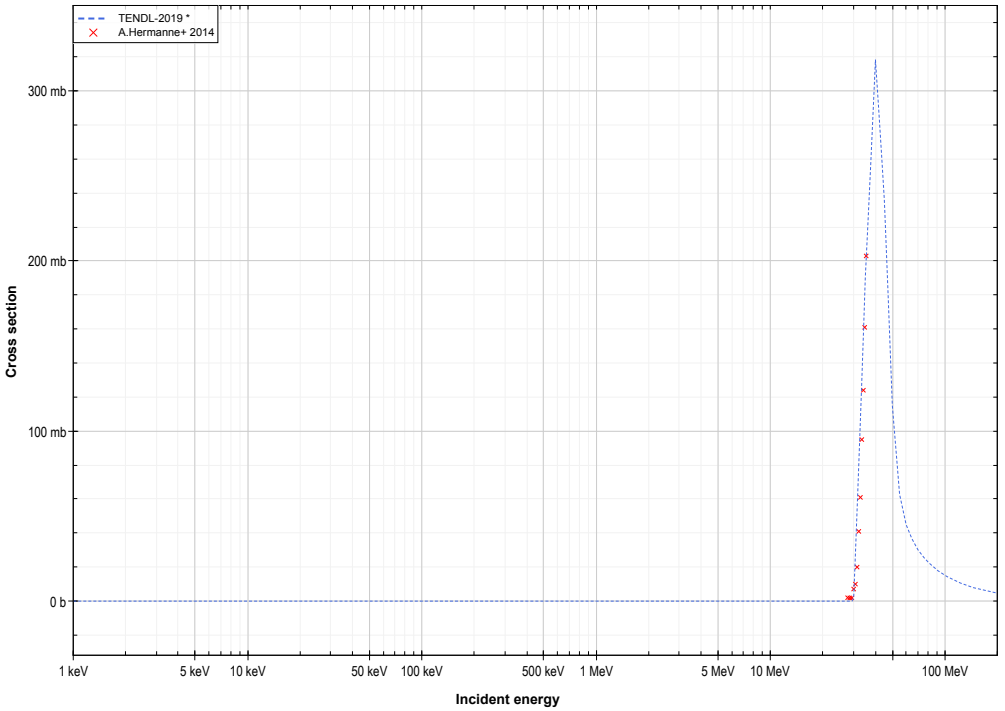
Reaction	Q-Value
Cd112(p,3n)In110	-21029.84 keV

<< 48-Cd-111	**48-Cd-112**	48-Cd-114 >>
<< MT17 (p,3n)	**MT37 (p,4n) or MT5 (In109 production)**	MT111 (p,2p) >>

Cd112 (p,4n) or In109 production log-log



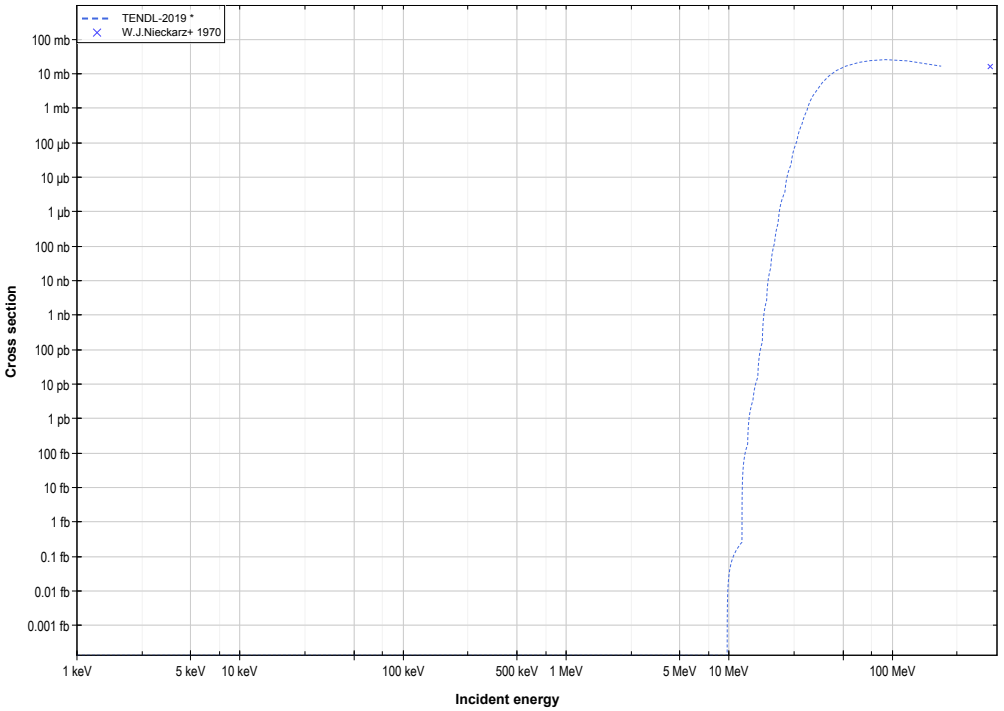
Cd112 (p,4n) or In109 production lin-log



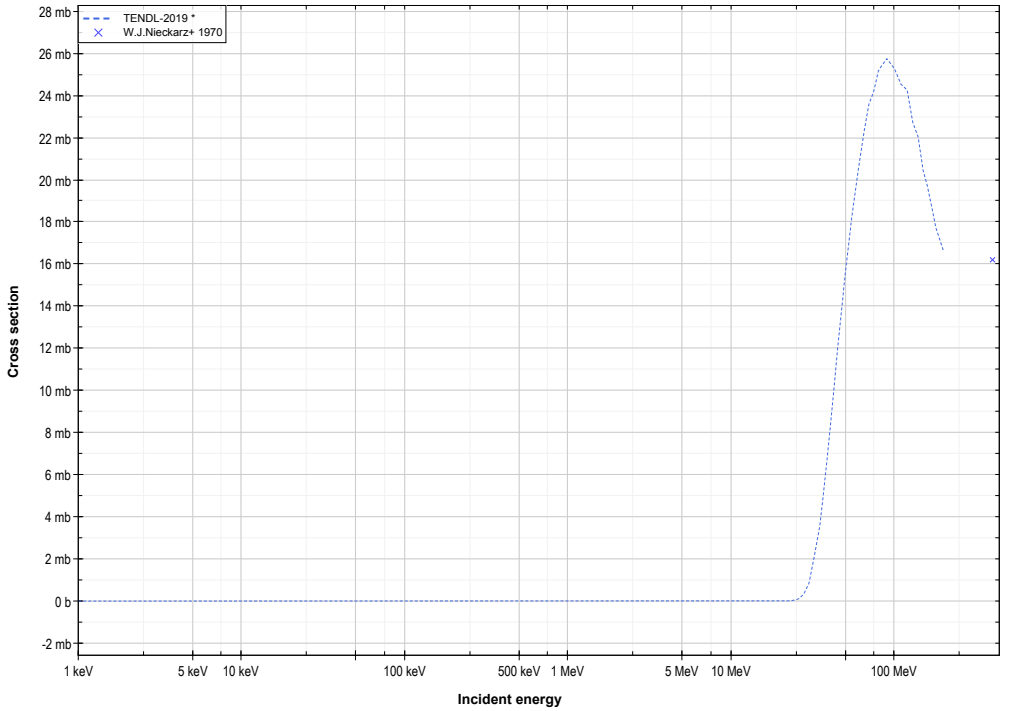
Reaction	Q-Value
Cd112(p,4n)In109	-29081.16 keV

<< 48-Cd-106	**48-Cd-112**	48-Cd-113 >>
<< MT37 (p,4n)	**MT111 (p,2p) or MT5 (Ag111 production)**	48-Cd-113 MT4 (p,n) >>

Cd112 (p,2p) or Ag111 production log-log



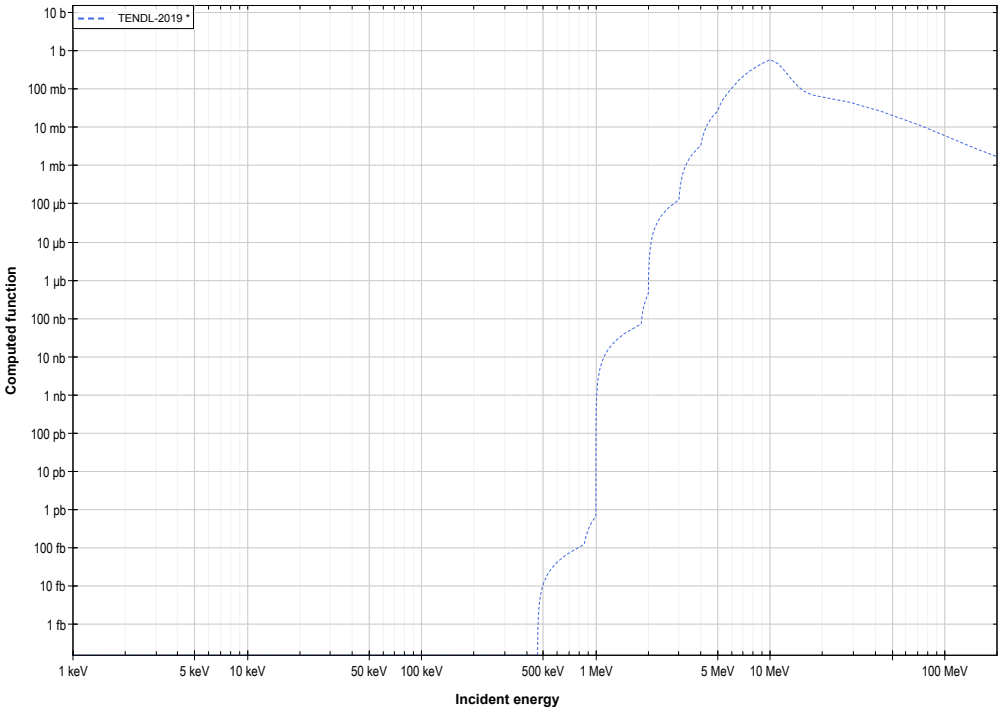
Cd112 (p,2p) or Ag111 production lin-log



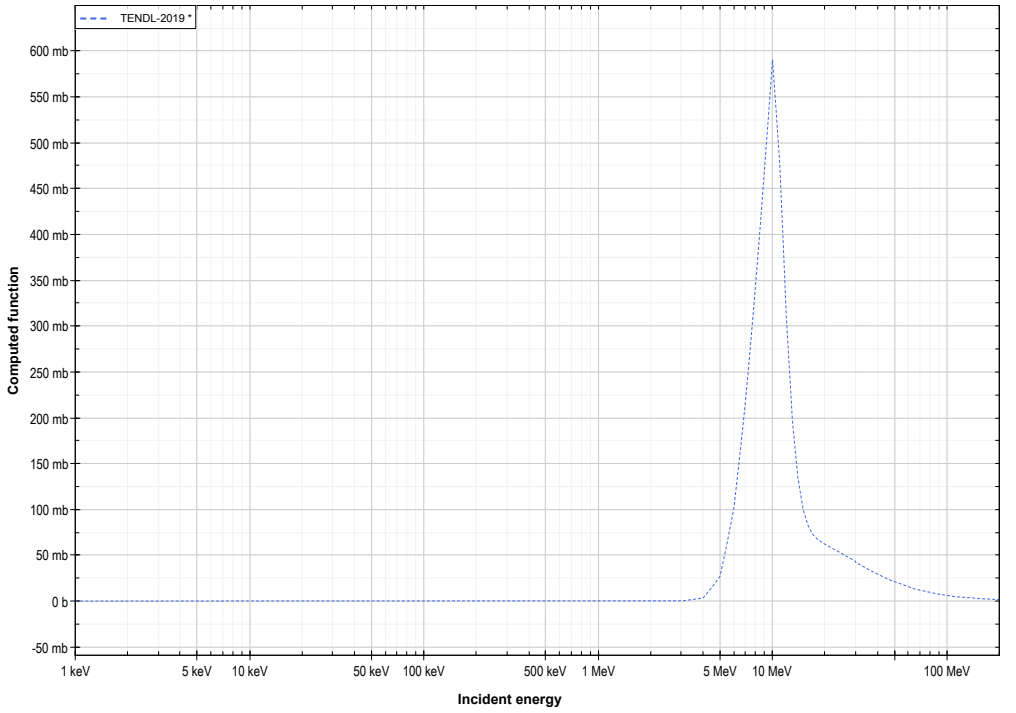
Reaction	Q-Value
Cd112(p,2p)Ag111	-9648.43 keV

<< 48-Cd-112	**48-Cd-113**	48-Cd-114 >>
<< 48-Cd-112 MT111 (p,2p)	**MT4 (p,n) or MT5 (In113 production)**	MT16 (p,2n) >>

Cd113 (p,n) or In113 production log-log



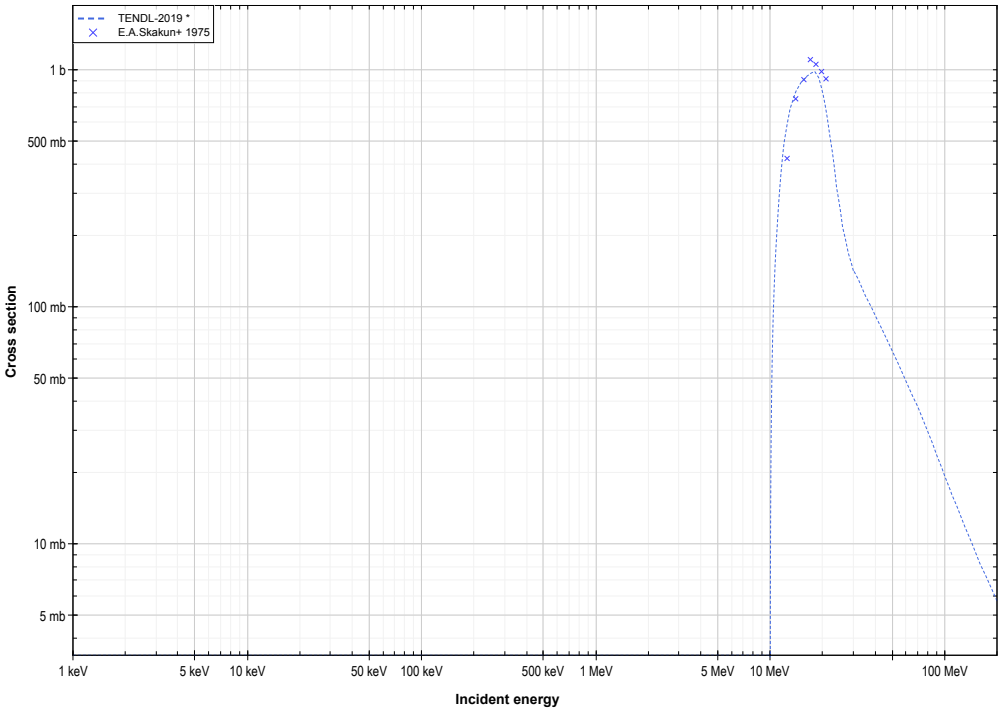
Cd113 (p,n) or In113 production lin-log



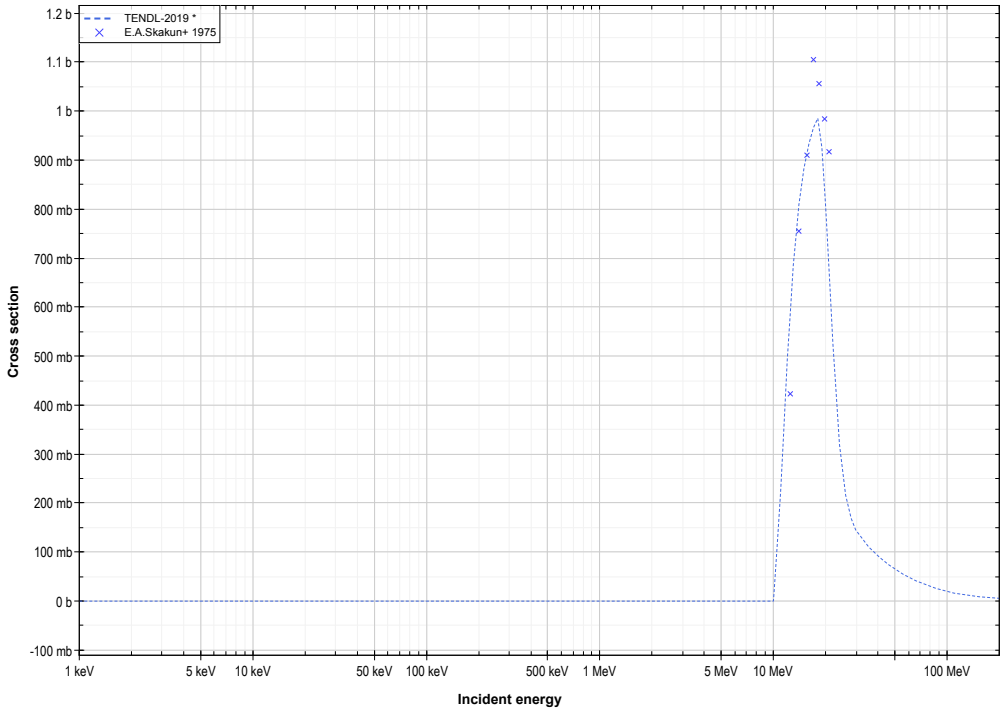
Reaction	Q-Value
Cd113(p,n)In113	-458.51 keV

<< 48-Cd-112	**48-Cd-113**	48-Cd-114 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (In112 production)**	MT17 (p,3n) >>

Cd113 (p,2n) or In112 production log-log



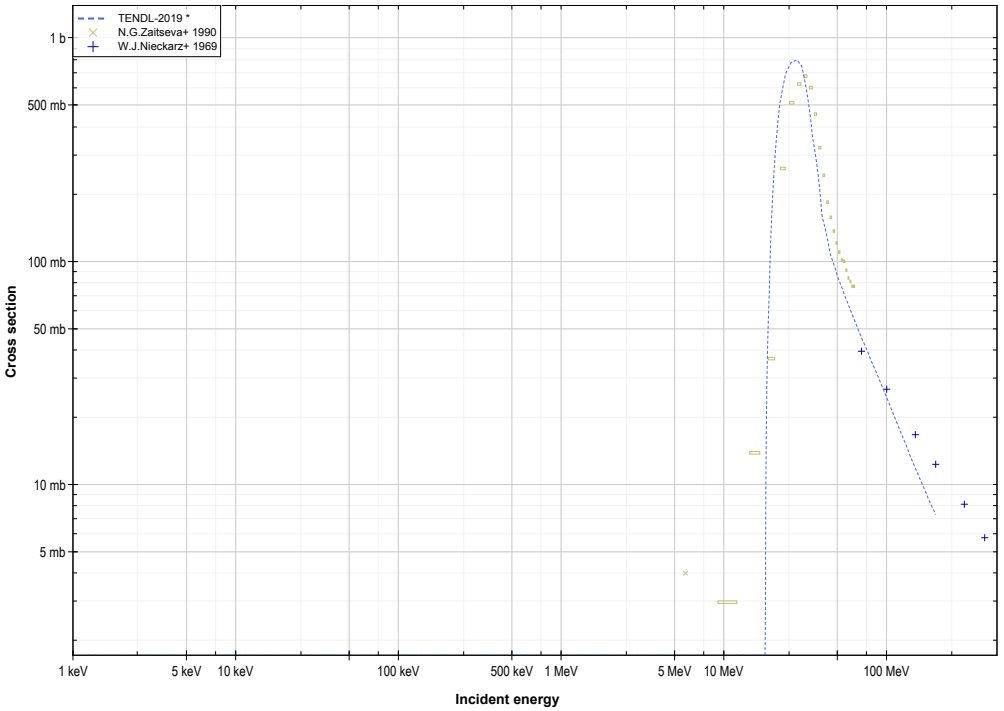
Cd113 (p,2n) or In112 production lin-log



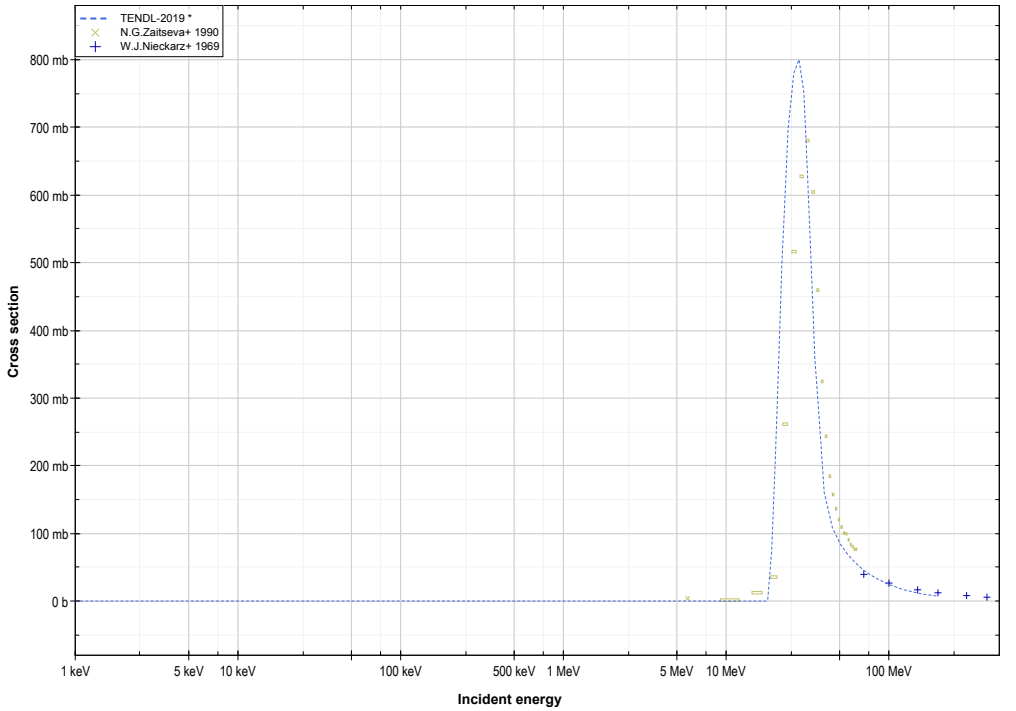
Reaction	Q-Value
Cd113(p,2n)In112	-9906.94 keV

<< 48-Cd-112	**48-Cd-113**	48-Cd-116 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (In111 production)**	MT111 (p,2p) >>

Cd113 (p,3n) or In111 production log-log



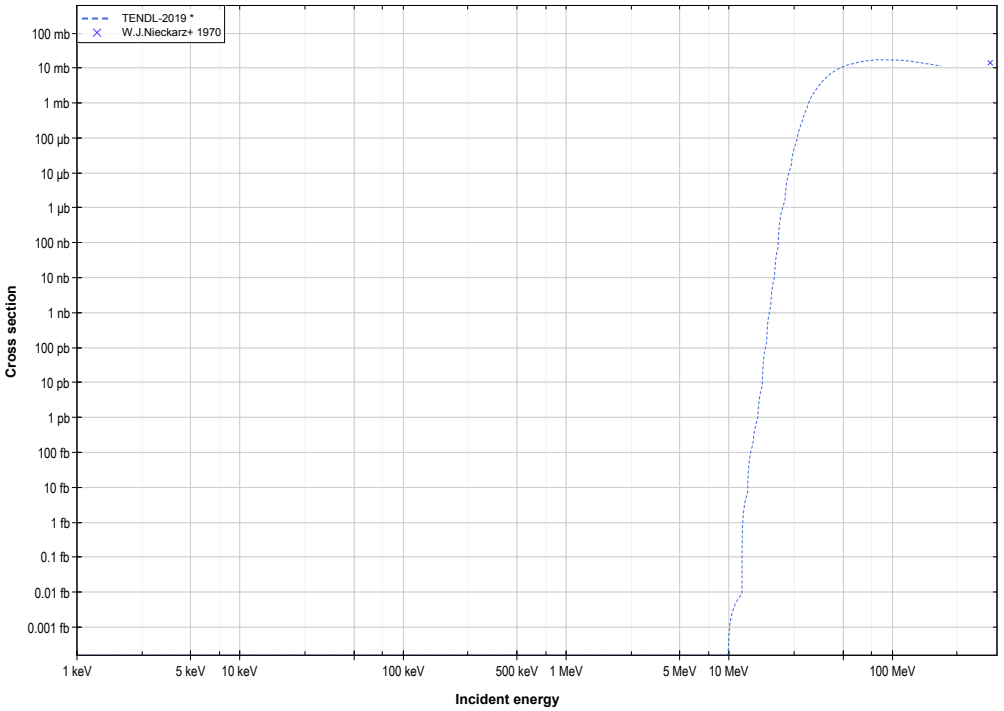
Cd113 (p,3n) or In111 production lin-log



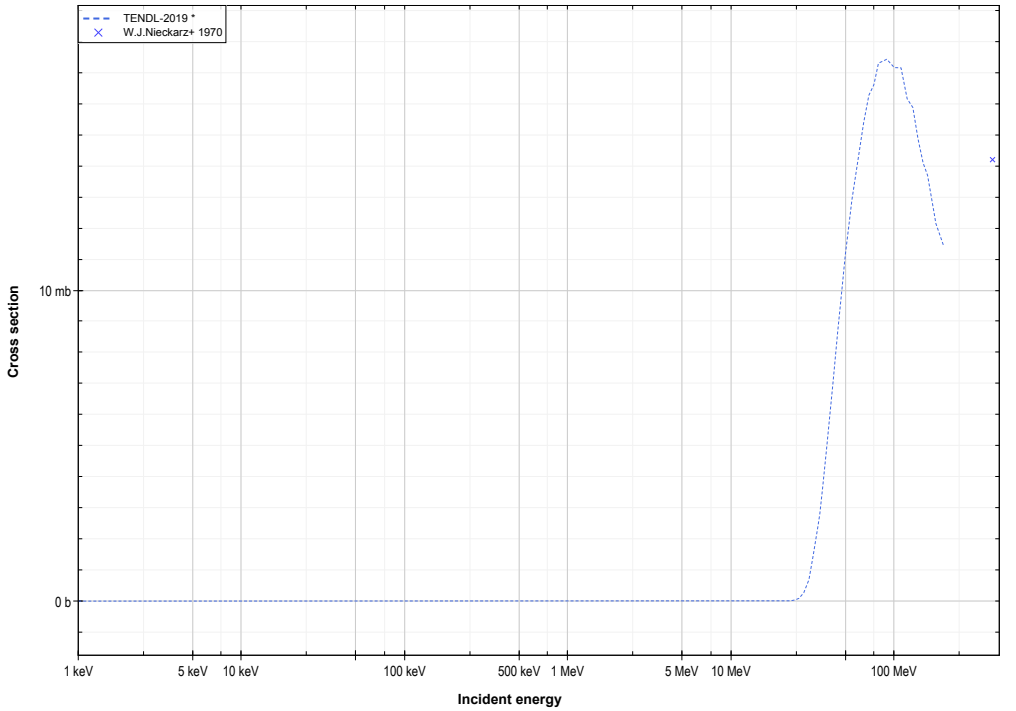
Reaction	Q-Value
Cd113(p,3n)In111	-17576.26 keV

<< 48-Cd-112	**48-Cd-113**	50-Sn-112 >>
<< MT17 (p,3n)	**MT111 (p,2p) or MT5 (Ag112 production)**	48-Cd-114 MT4 (p,n) >>

Cd113 (p,2p) or Ag112 production log-log



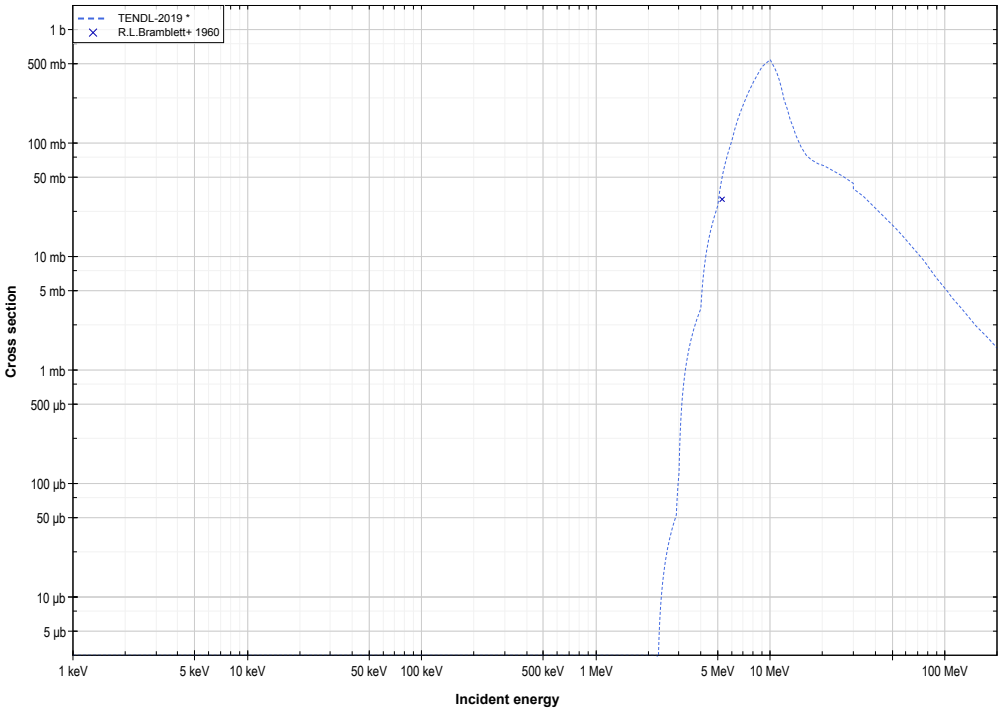
Cd113 (p,2p) or Ag112 production lin-log



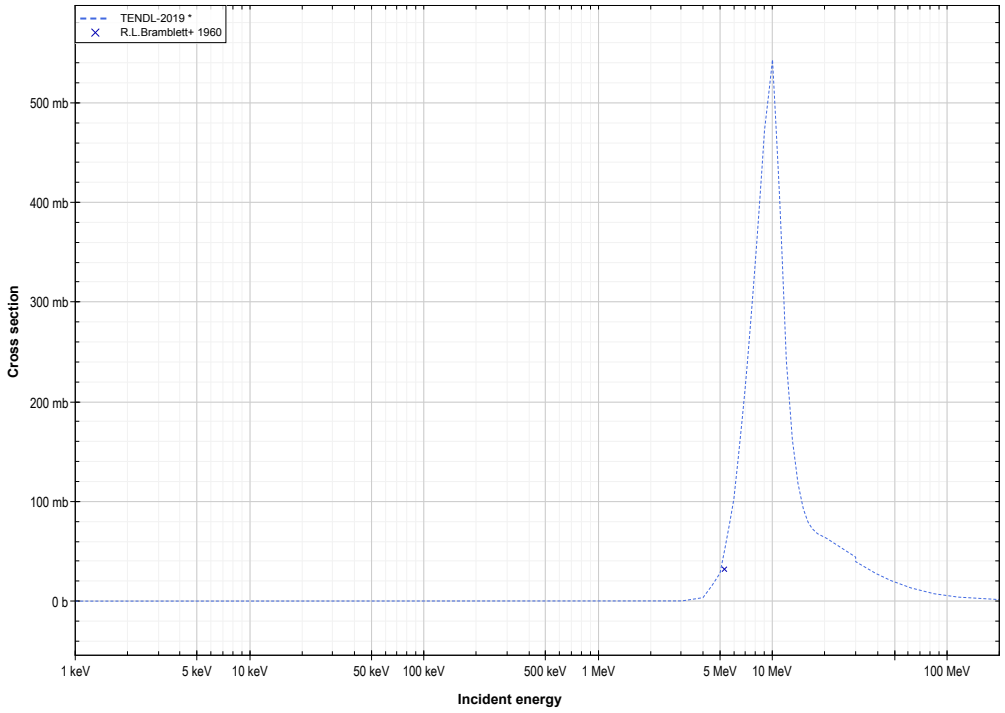
Reaction	Q-Value
Cd113(p,2p)Ag112	-9748.55 keV

<< 48-Cd-113	**48-Cd-114**	48-Cd-116 >>
<< 48-Cd-113 MT111 (p,2p)	**MT4 (p,n) or MT5 (In114 production)**	MT16 (p,2n) >>

Cd114 (p,n) or In114 production log-log



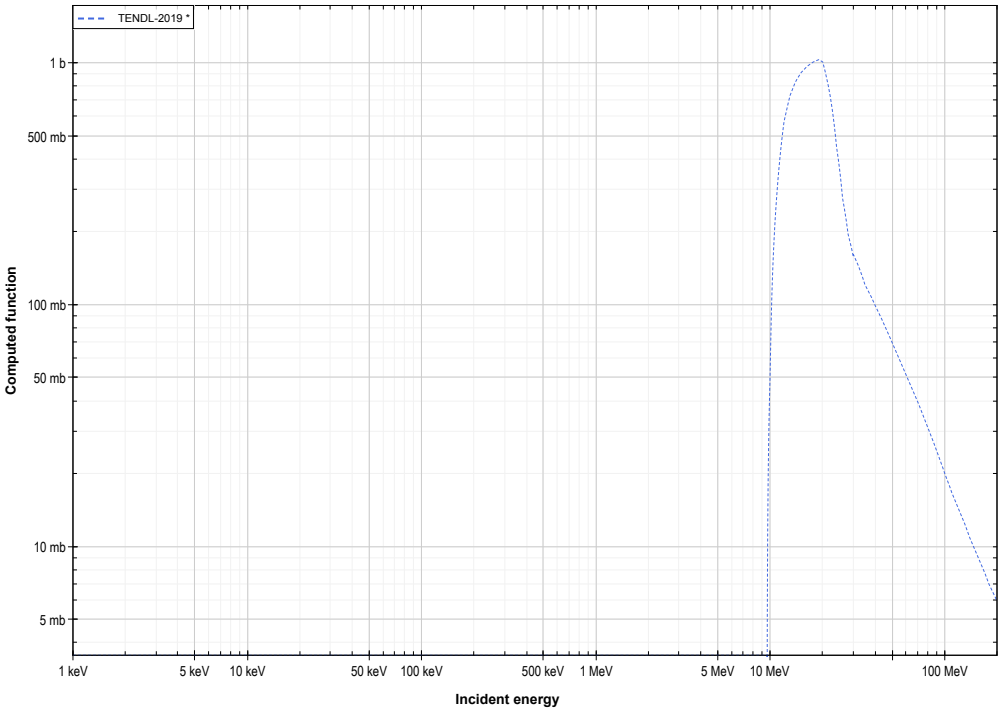
Cd114 (p,n) or In114 production lin-log



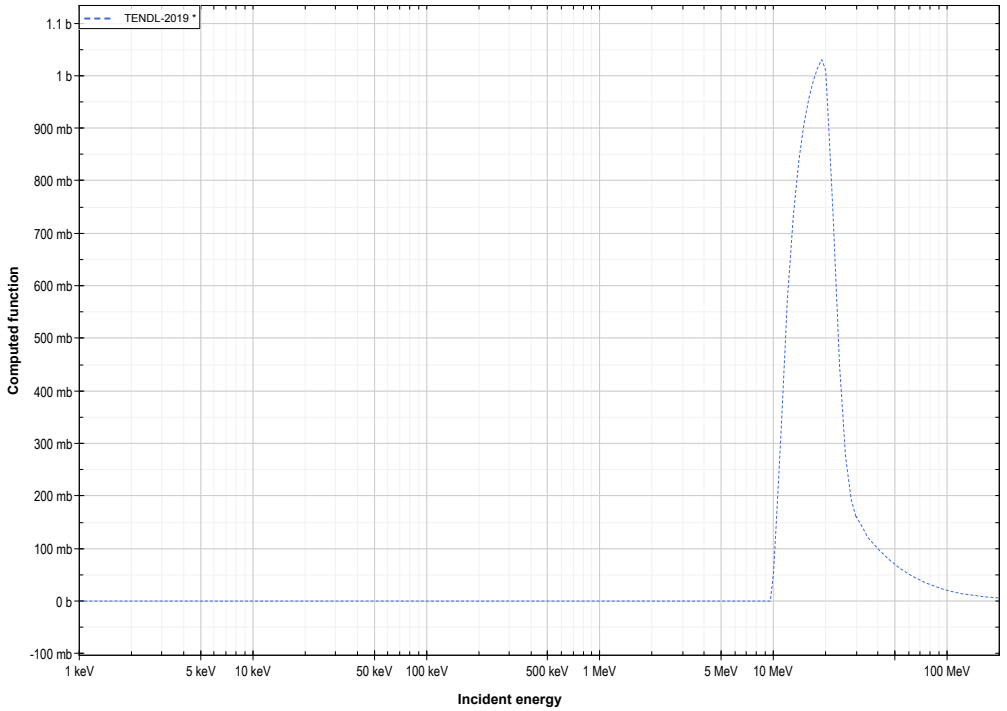
Reaction	Q-Value
Cd114(p,n)In114	-2227.48 keV

<< 48-Cd-113	**48-Cd-114**	48-Cd-116 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (In113 production)**	MT22 (p,n+α) >>

Cd114 (p,2n) or In113 production log-log



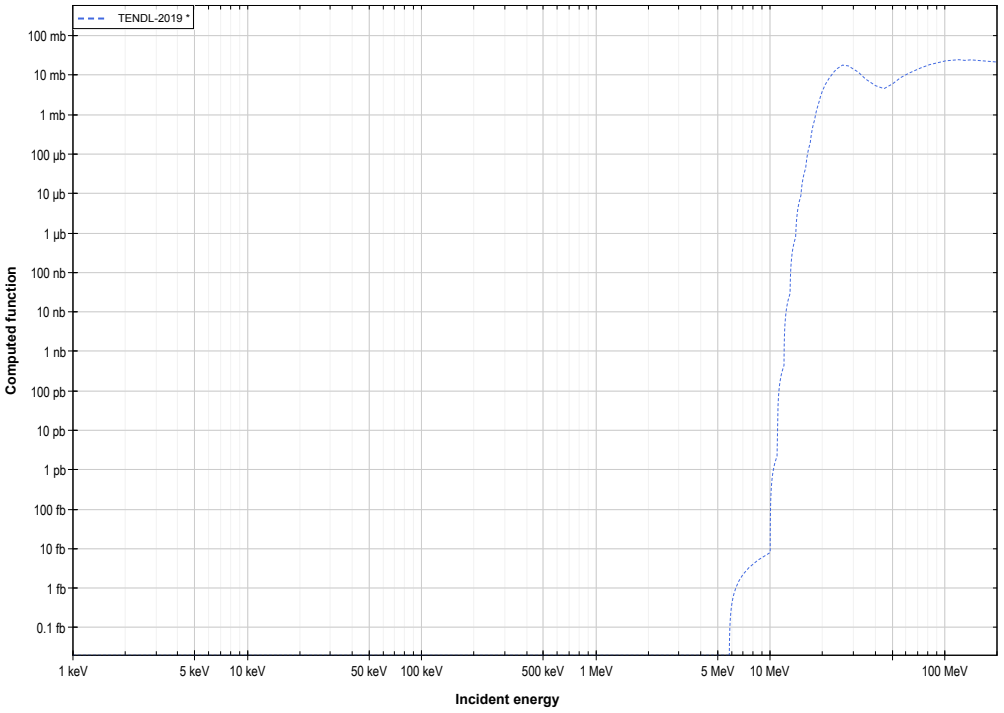
Cd114 (p,2n) or In113 production lin-log



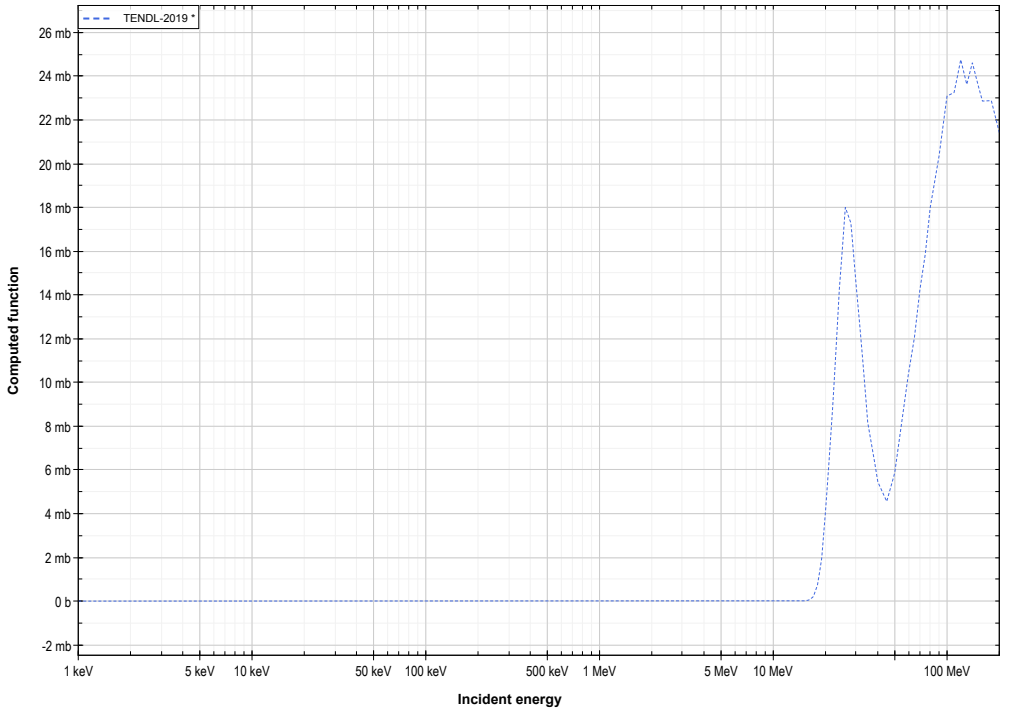
Reaction	Q-Value
Cd114(p,2n)In113	-9501.47 keV

<< 42-Mo-100	**48-Cd-114**	49-In-115 >>
<< MT16 (p,2n)	**MT22 (p,n+α) or MT5 (Ag110 production)**	MT37 (p,4n) >>

Cd114 (p,n+α) or Ag110 production log-log



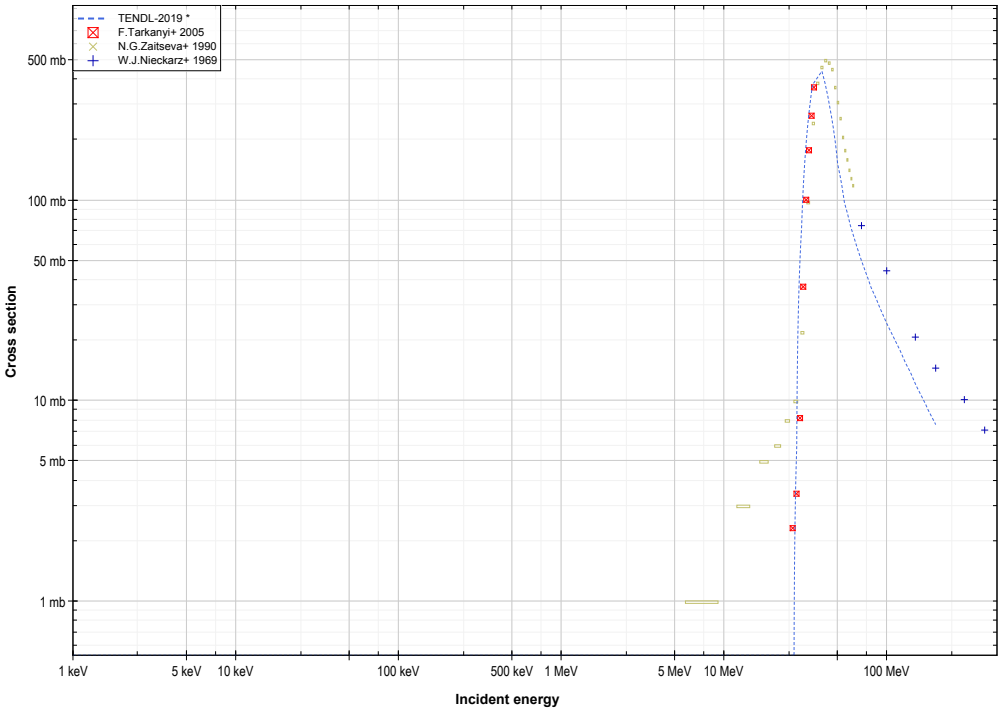
Cd114 (p,n+α) or Ag110 production lin-log



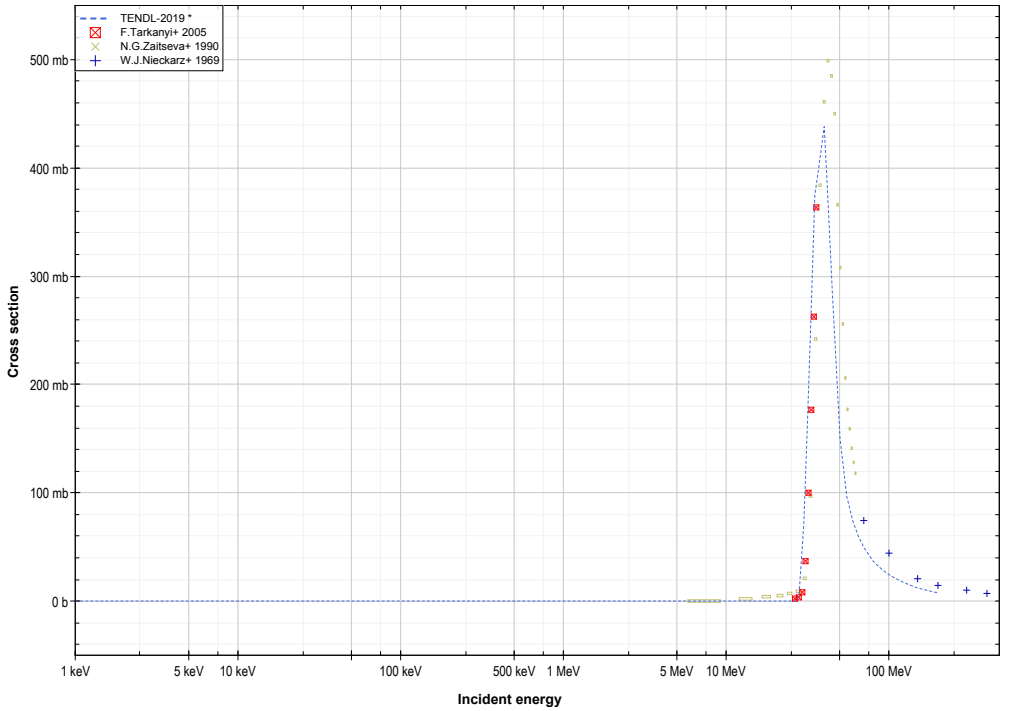
Reaction	Q-Value
Cd114(p,n+α)Ag110	-5764.89 keV
Cd114(p,d+t)Ag110	-23354.19 keV
Cd114(p,n+p+t)Ag110	-25578.76 keV
Cd114(p,2n+He3)Ag110	-26342.51 keV
Cd114(p,n+2d)Ag110	-29611.42 keV
Cd114(p,2n+p+d)Ag110	-31835.99 keV
Cd114(p,3n+2p)Ag110	-34060.55 keV

<< 48-Cd-112	**48-Cd-114**	48-Cd-116 >>
<< MT22 (p,n+α)	**MT37 (p,4n) or MT5 (In111 production)**	MT102 (p,γ) >>

Cd114 (p,4n) or In111 production log-log



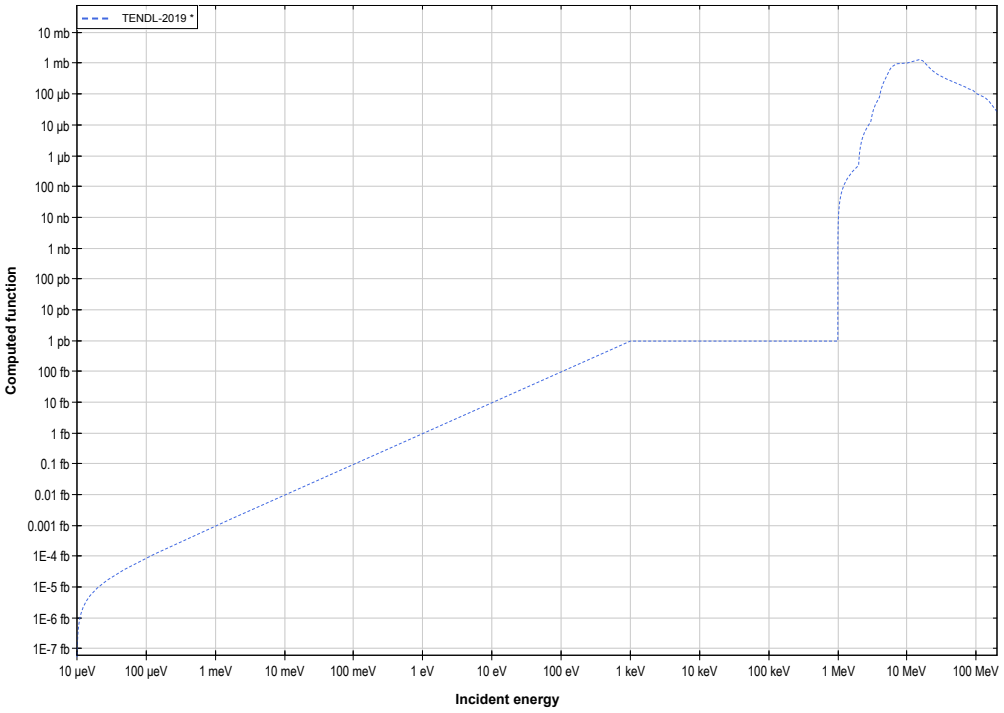
Cd114 (p,4n) or In111 production lin-log



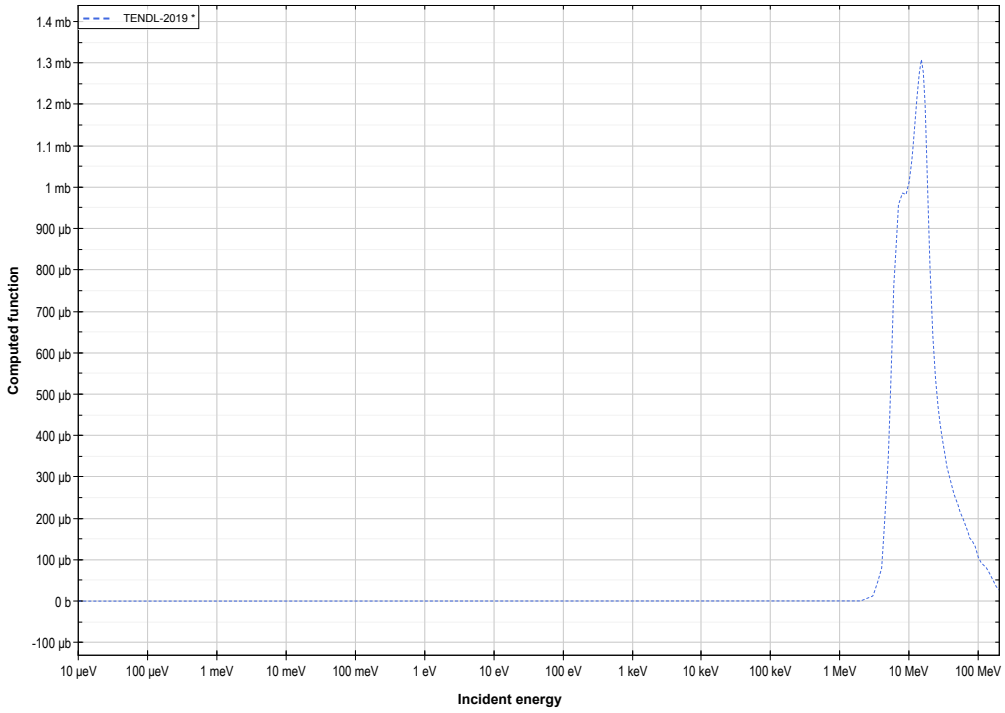
Reaction	Q-Value
Cd114(p,4n)In111	-26619.23 keV

<< 47-Ag-109	**48-Cd-114**	49-In-115 >>
<< MT37 (p,4n)	**MT102 (p,γ) or MT5 (In115 production)**	MT107 (p,α) >>

Cd114 (p,γ) or In115 production log-log



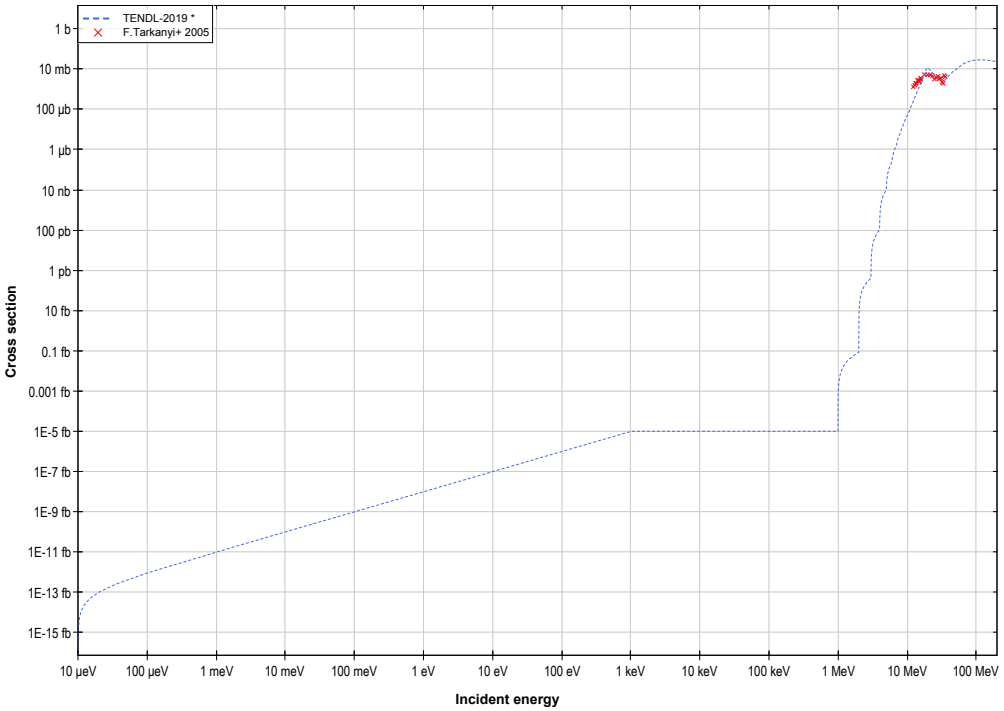
Cd114 (p,γ) or In115 production lin-log



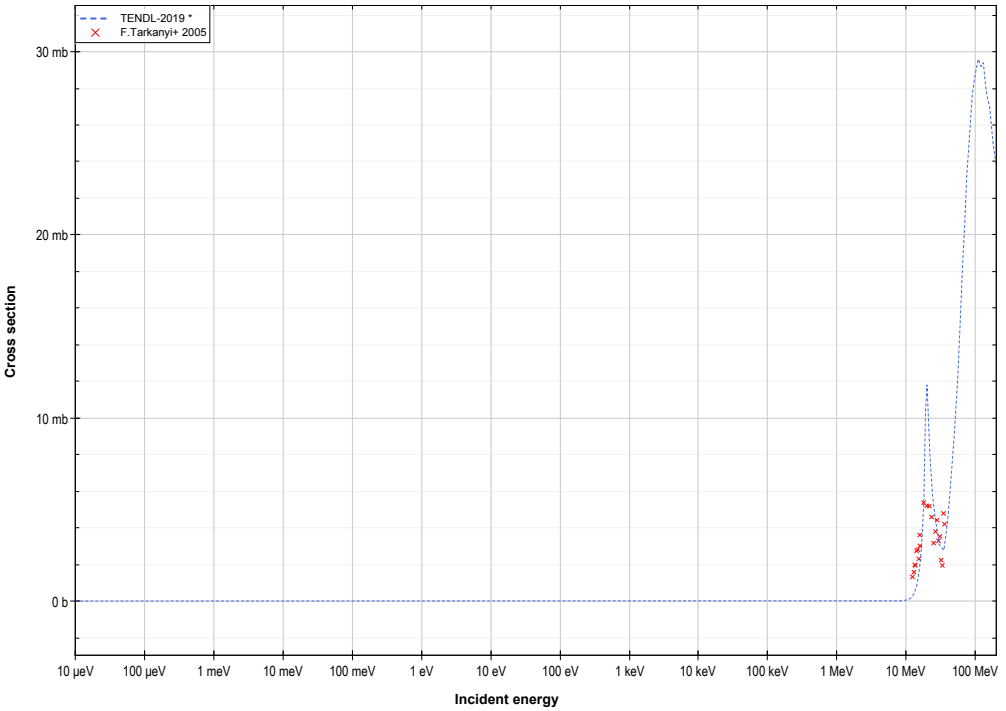
Reaction	Q-Value
Cd114(p,γ)In115	6810.39 keV

<< 42-Mo-100	**48-Cd-114**	50-Sn-120 >>
<< MT102 (p,γ)	**MT107 (p,α) or MT5 (Ag111 production)**	48-Cd-116 MT4 (p,n) >>

Cd114 (p,α) or Ag111 production log-log



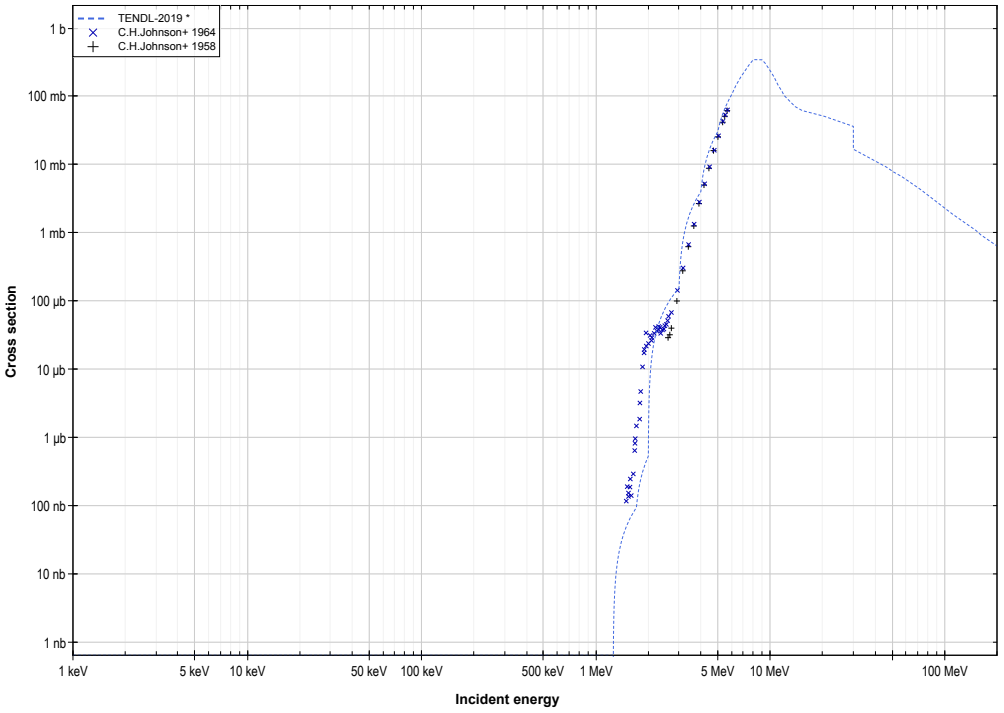
Cd114 (p,α) or Ag111 production lin-log



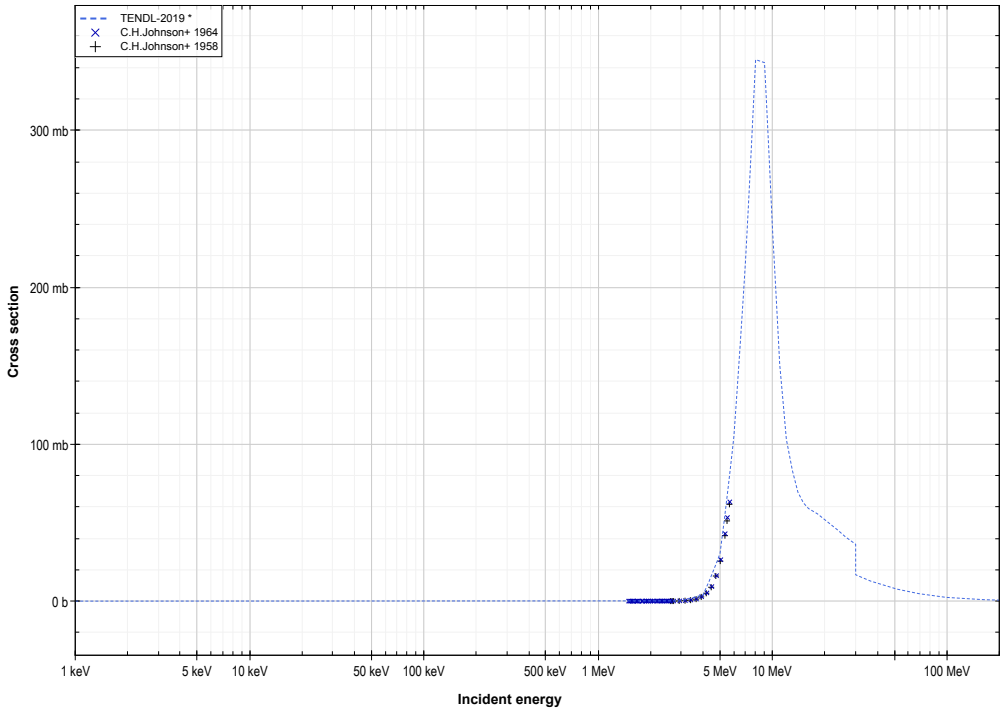
Reaction	Q-Value
Cd114(p,α)Ag111	3064.53 keV
Cd114(p,p+t)Ag111	-16749.34 keV
Cd114(p,n+He3)Ag111	-17513.09 keV
Cd114(p,2d)Ag111	-20782.00 keV
Cd114(p,n+p+d)Ag111	-23006.57 keV
Cd114(p,2n+2p)Ag111	-25231.13 keV

<< 48-Cd-114	**48-Cd-116**	49-In-113 >>
<< 48-Cd-114 MT107 (p,α)	**MT4 (p,n) or MT5 (In116 production)**	MT16 (p,2n) >>

Cd116 (p,n) or In116 production log-log



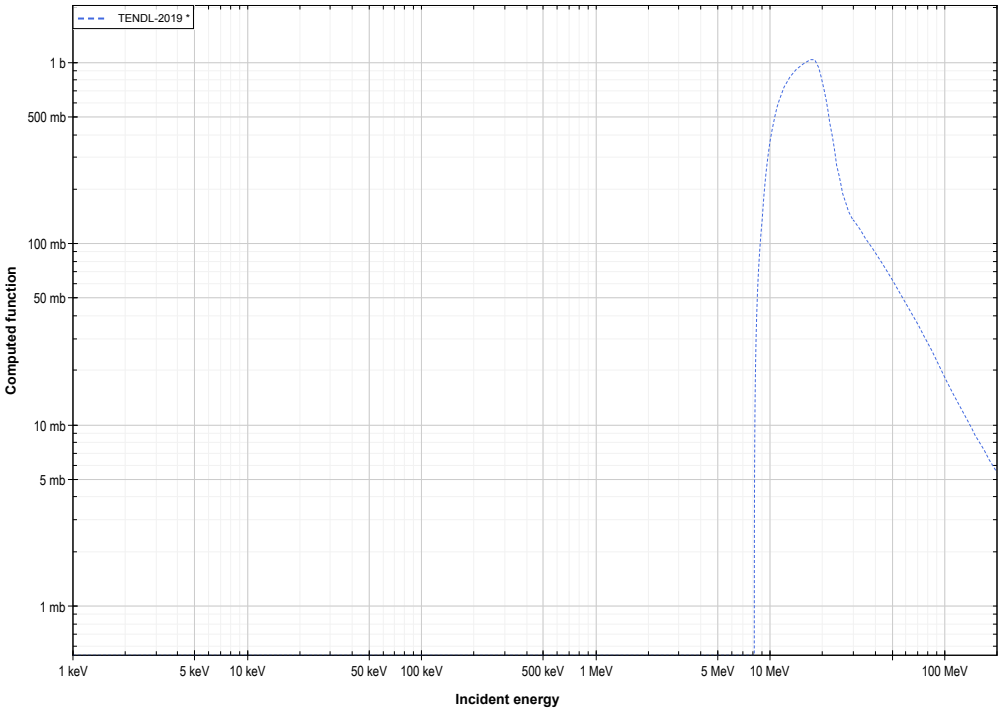
Cd116 (p,n) or In116 production lin-log



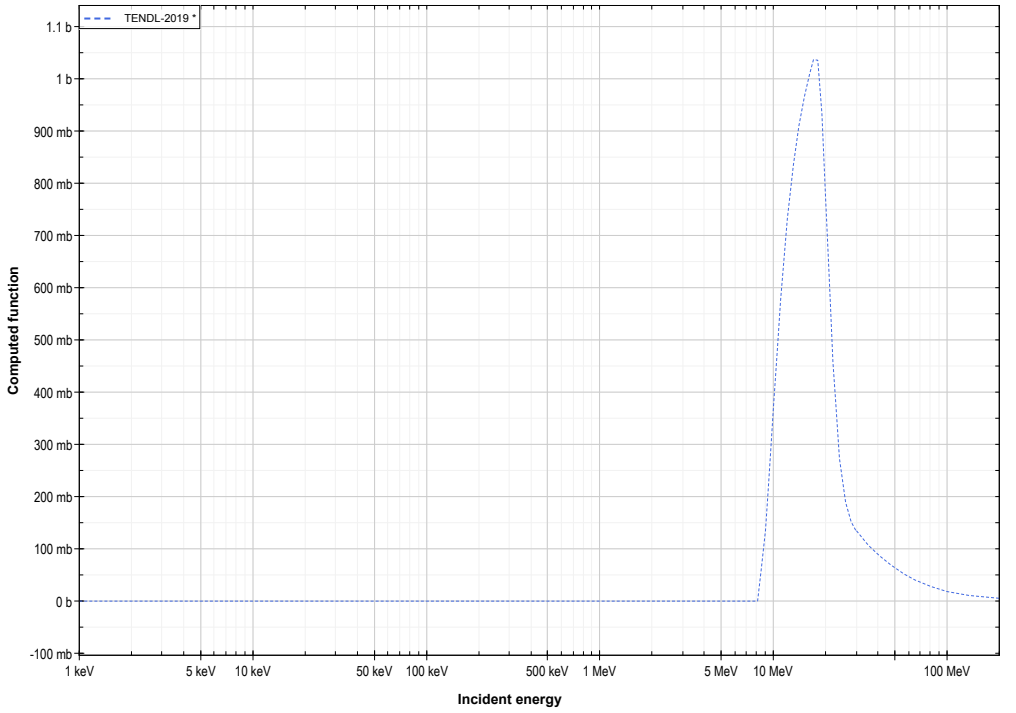
Reaction	Q-Value
Cd116(p,n)In116	-1245.08 keV

<< 48-Cd-114	**48-Cd-116**	50-Sn-118 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (In115 production)**	MT17 (p,3n) >>

Cd116 (p,2n) or In115 production log-log



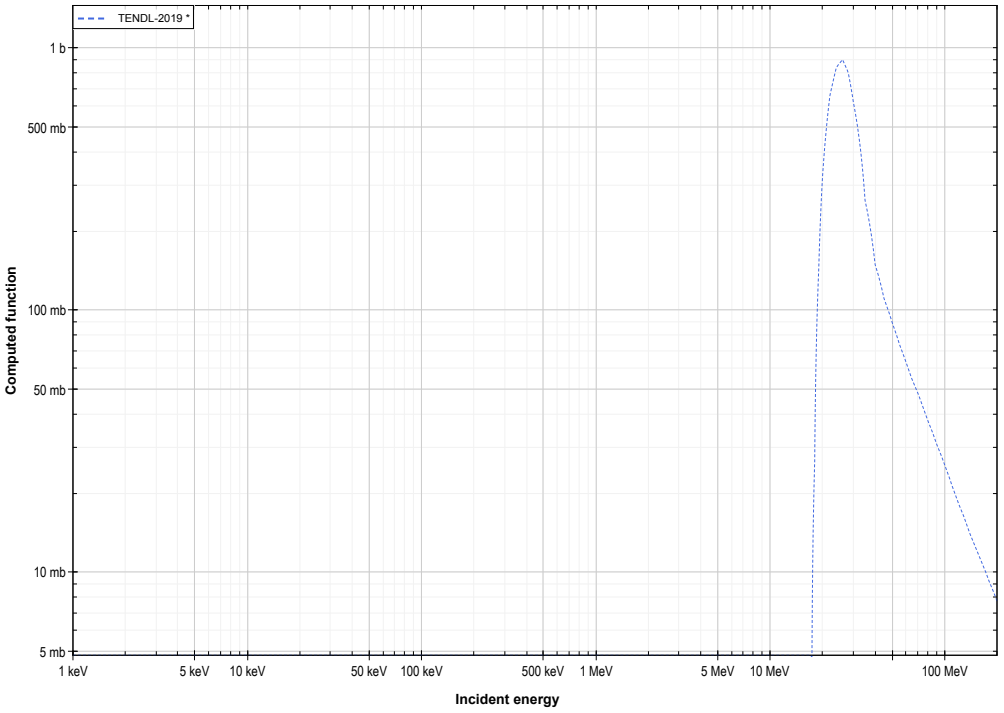
Cd116 (p,2n) or In115 production lin-log



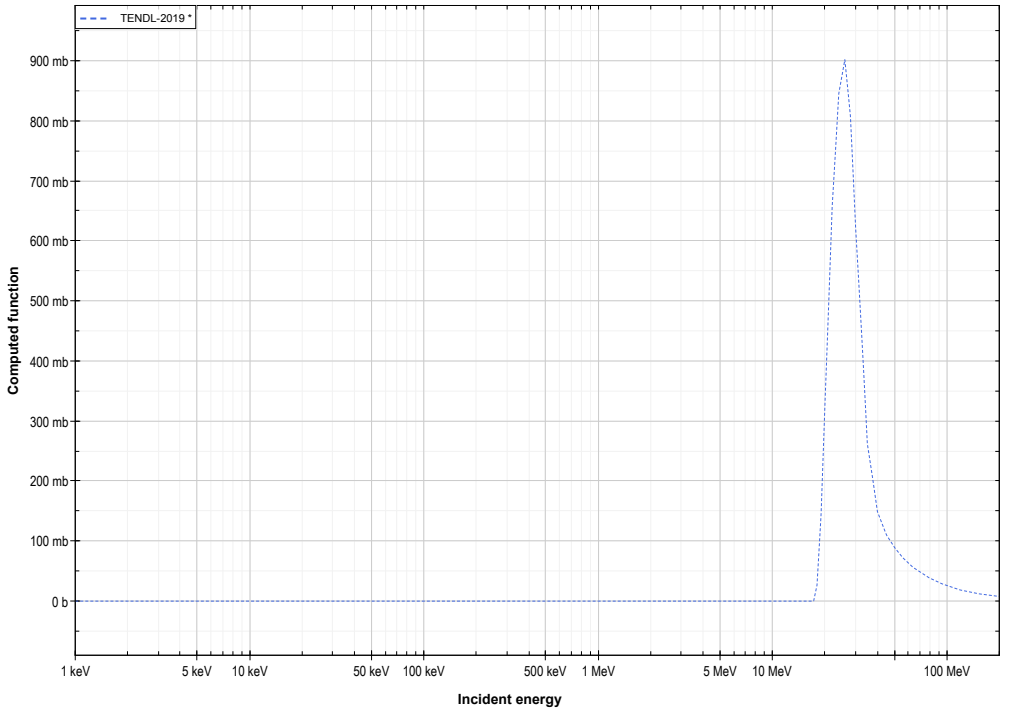
Reaction	Q-Value
Cd116(p,2n)In115	-8029.80 keV

<< 48-Cd-113	**48-Cd-116**	50-Sn-118 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (In114 production)**	MT28 (p,n+p) >>

Cd116 (p,3n) or In114 production log-log



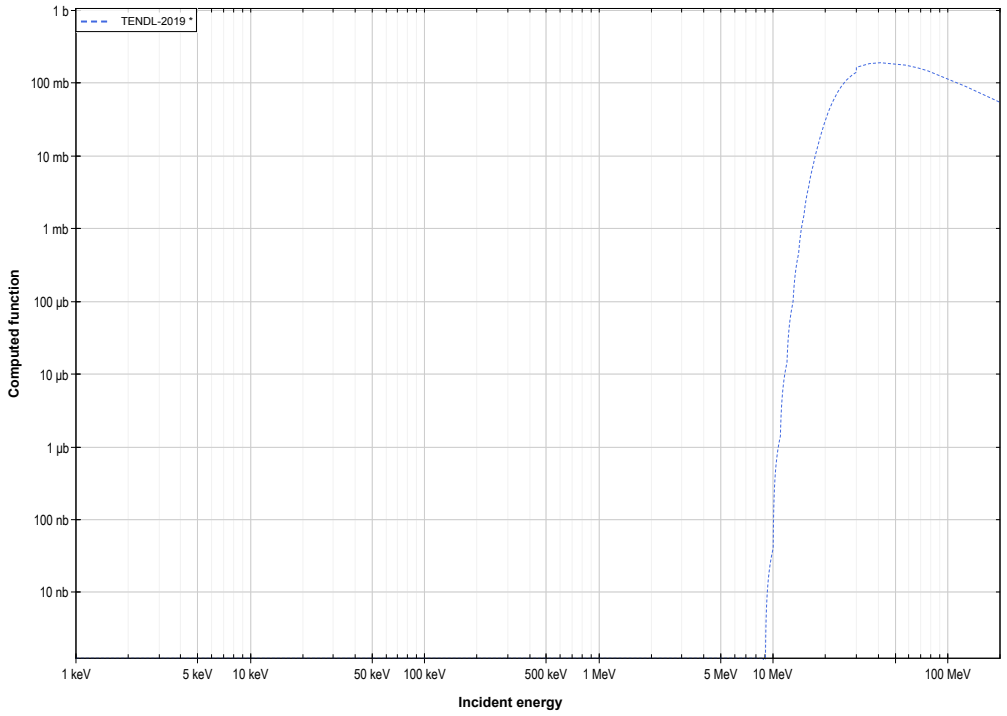
Cd116 (p,3n) or In114 production lin-log



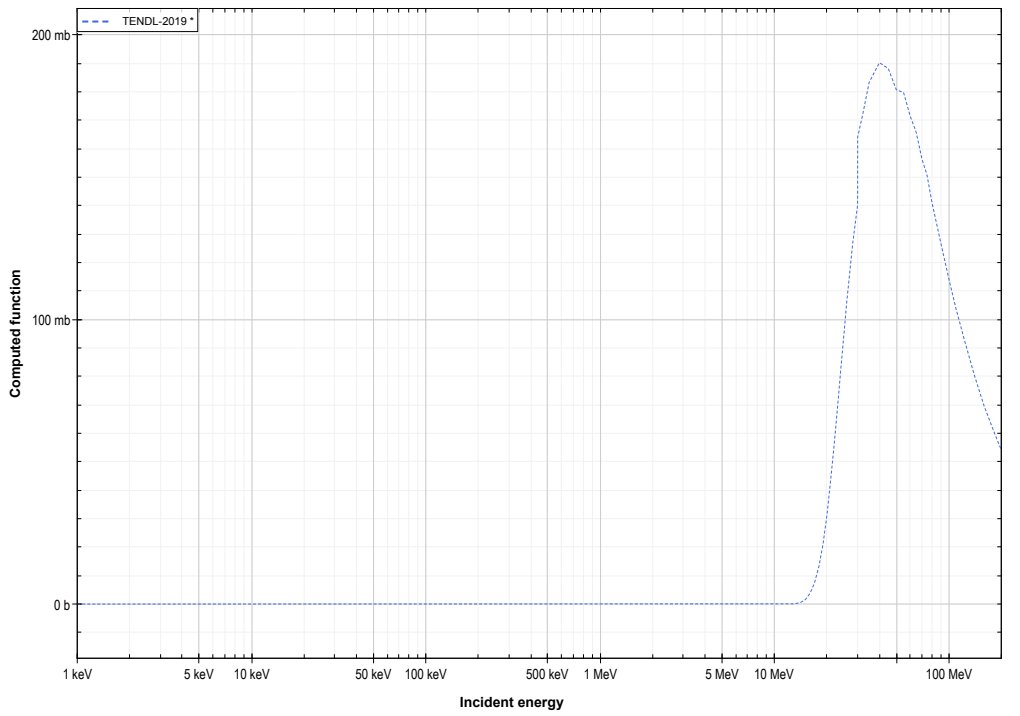
Reaction	Q-Value
Cd116(p,3n)In114	-17067.66 keV

<< 48-Cd-110	**48-Cd-116**	50-Sn-124 >>
<< MT17 (p,3n)	**MT28 (p,n+p) or MT5 (Cd115 production)**	MT37 (p,4n) >>

Cd116 (p,n+p) or Cd115 production log-log



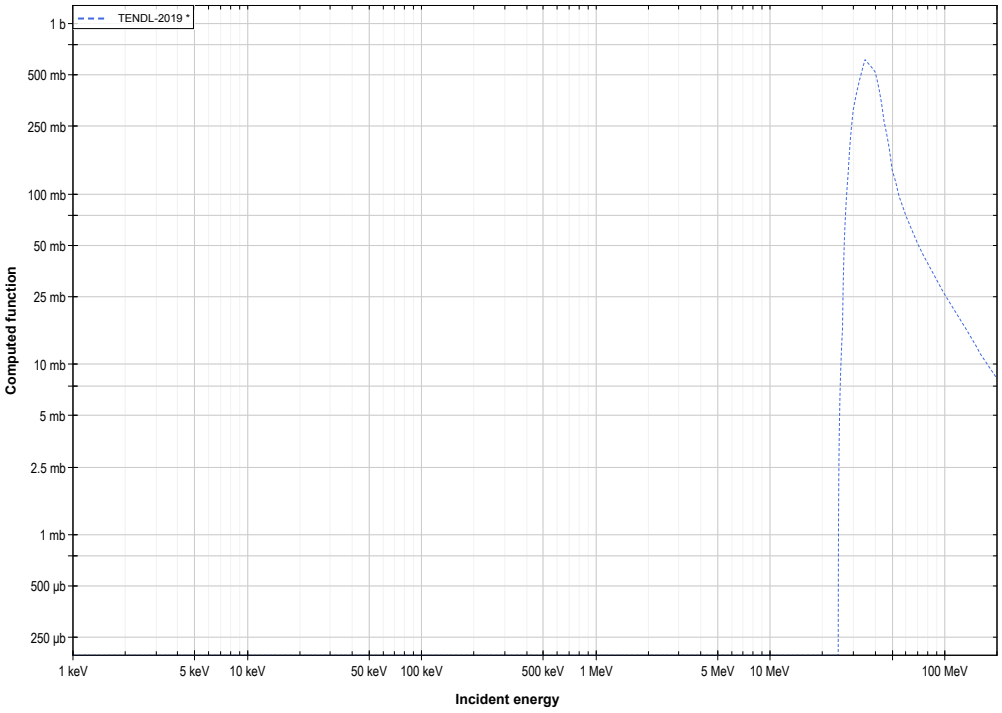
Cd116 (p,n+p) or Cd115 production lin-log



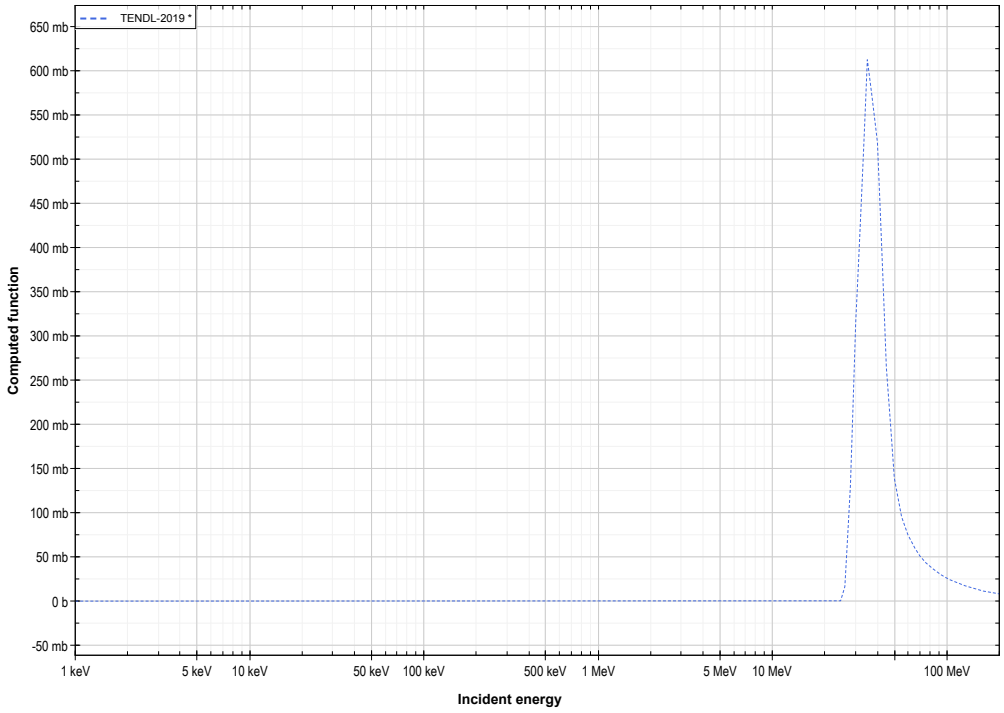
Reaction	Q-Value
Cd116(p,d)Cd115	-6474.73 keV
Cd116(p,n+p)Cd115	-8699.30 keV

<< 48-Cd-114	**48-Cd-116**	50-Sn-118 >>
<< MT28 (p,n+p)	**MT37 (p,4n) or MT5 (In113 production)**	MT104 (p,d) >>

Cd116 (p,4n) or In113 production log-log



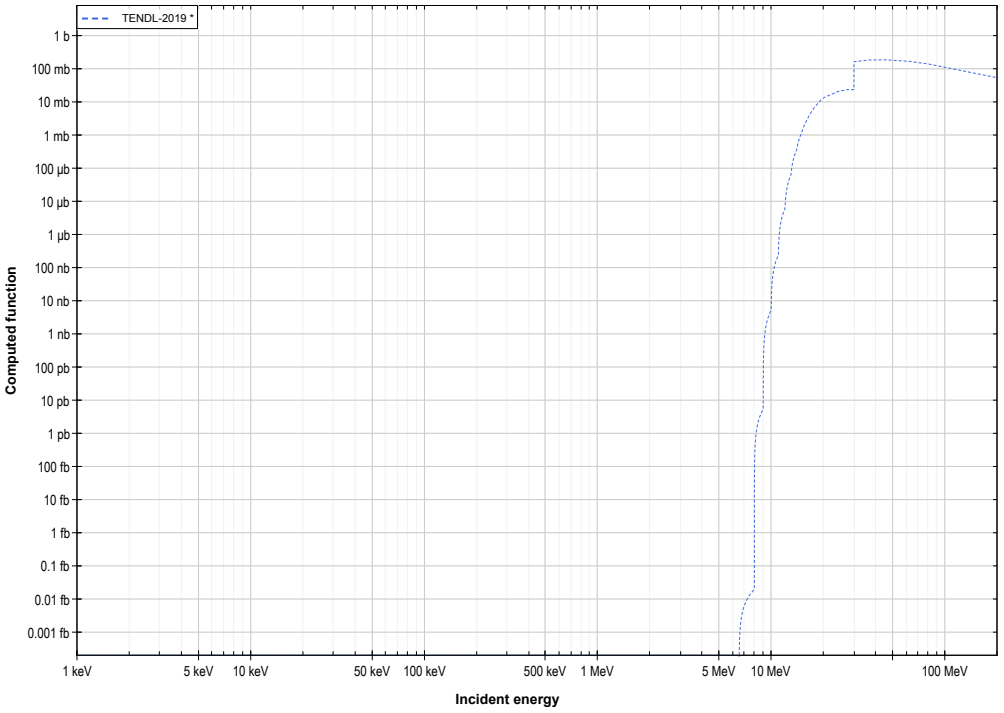
Cd116 (p,4n) or In113 production lin-log



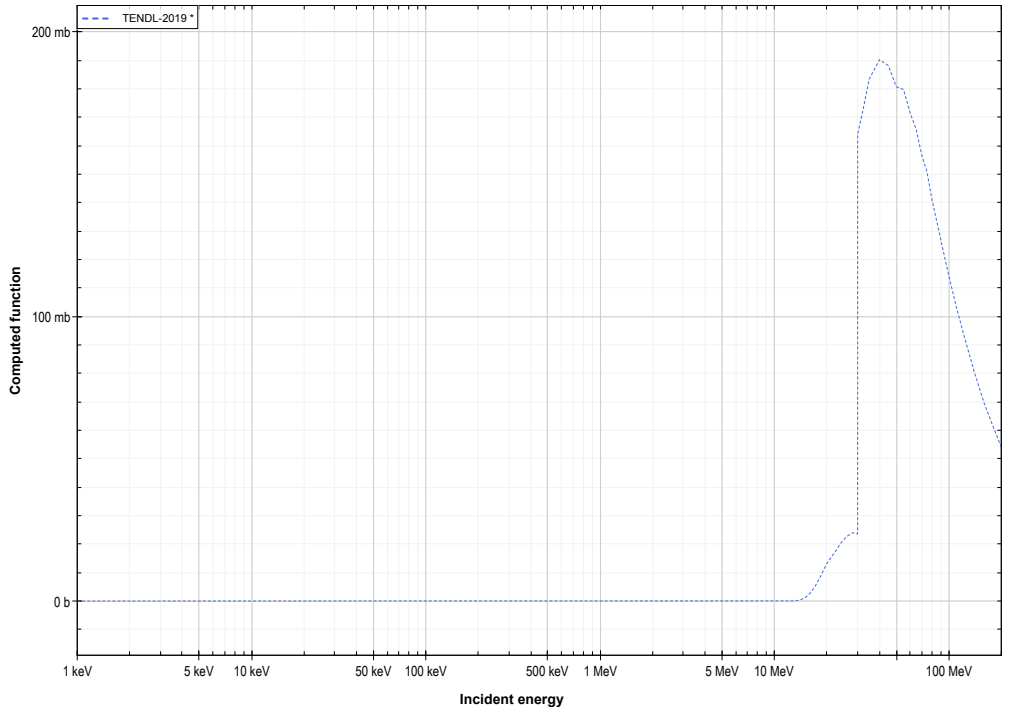
Reaction	Q-Value
Cd116(p,4n)In113	-24341.66 keV

<< 47-Ag-107	**48-Cd-116**	50-Sn-124 >>
<< MT37 (p,4n)	**MT104 (p,d) or MT5 (Cd115 production)**	MT153 (p,6n) >>

Cd116 (p,d) or Cd115 production log-log



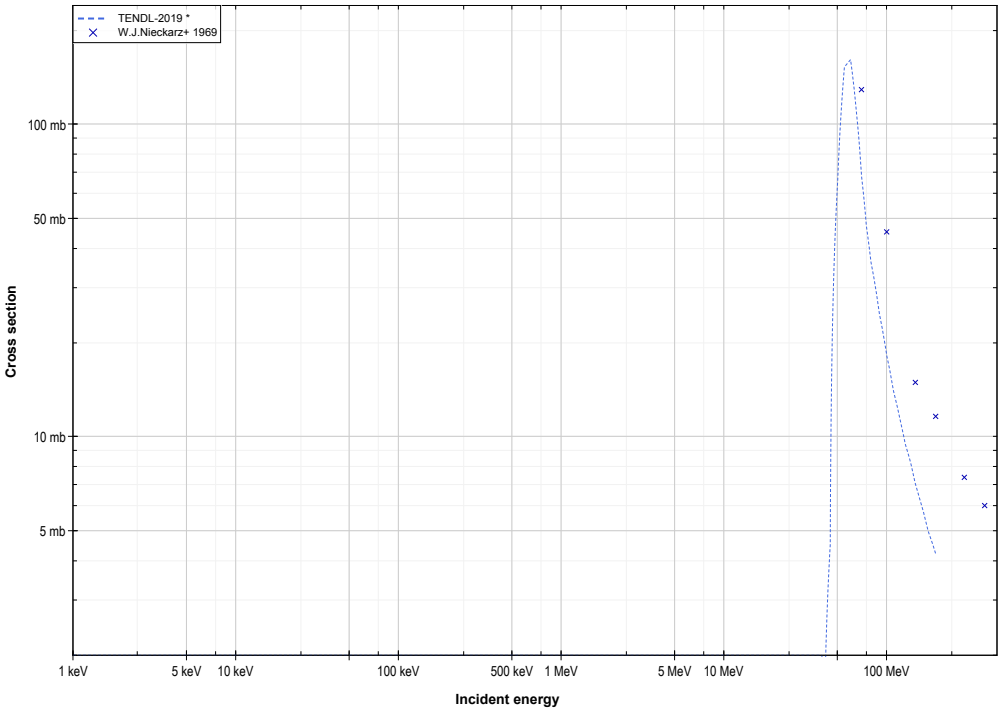
Cd116 (p,d) or Cd115 production lin-log



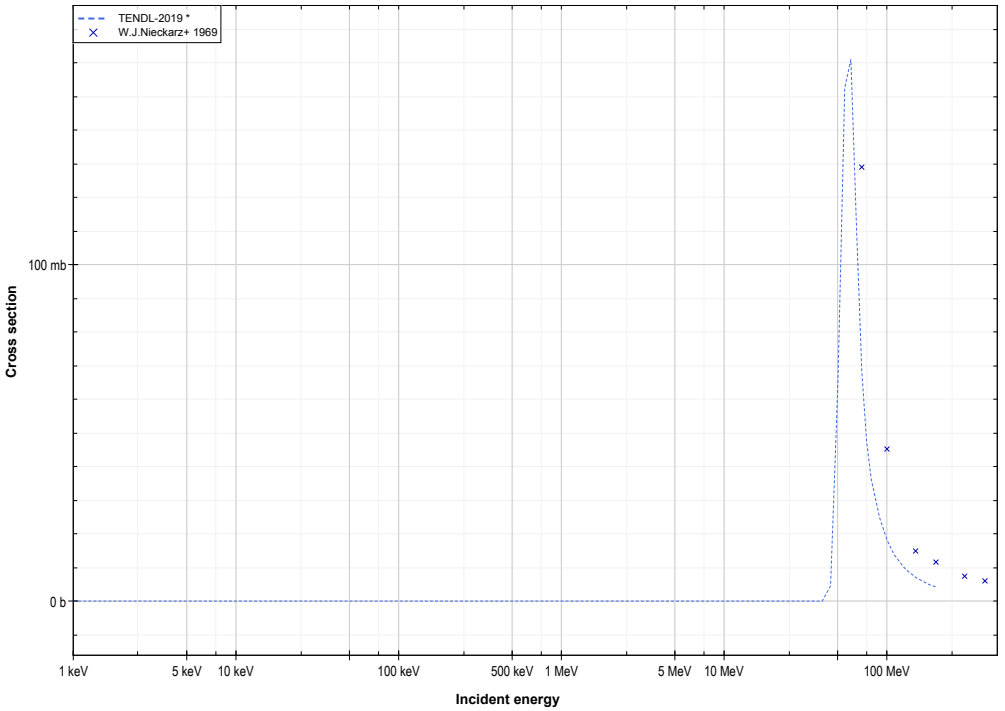
Reaction	Q-Value
Cd116(p,d)Cd115	-6474.73 keV
Cd116(p,n+p)Cd115	-8699.30 keV

<< 35-Br-81	**48-Cd-116**	52-Te-125 >>
<< MT104 (p,d)	**MT153 (p,6n) or MT5 (In111 production)**	49-In-113 MT4 (p,n) >>

Cd116 (p,6n) or In111 production log-log



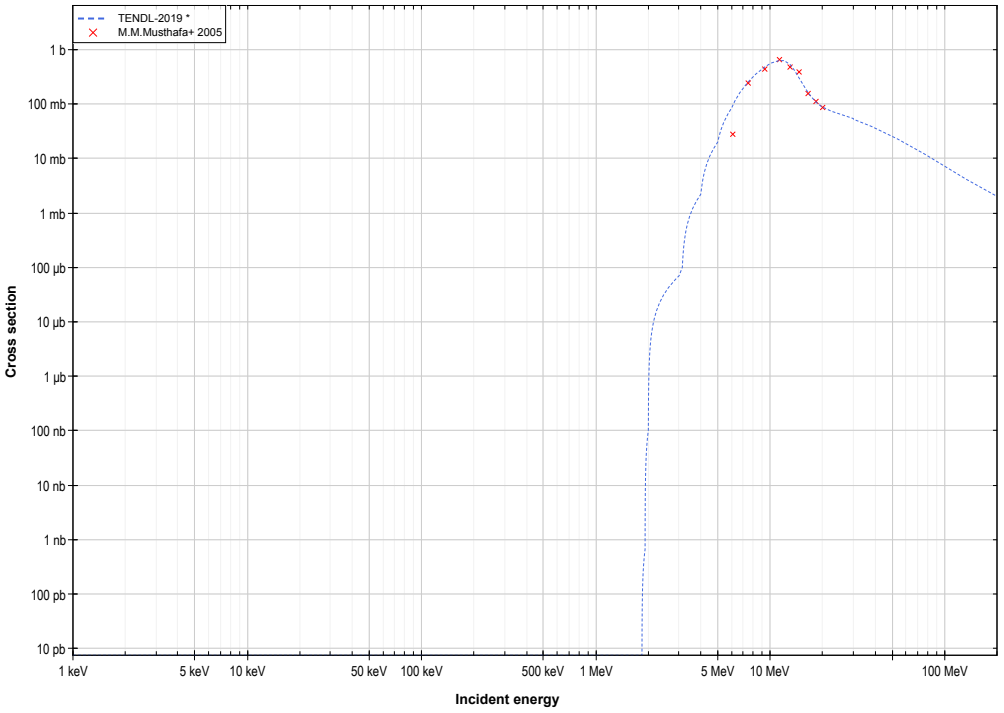
Cd116 (p,6n) or In111 production lin-log



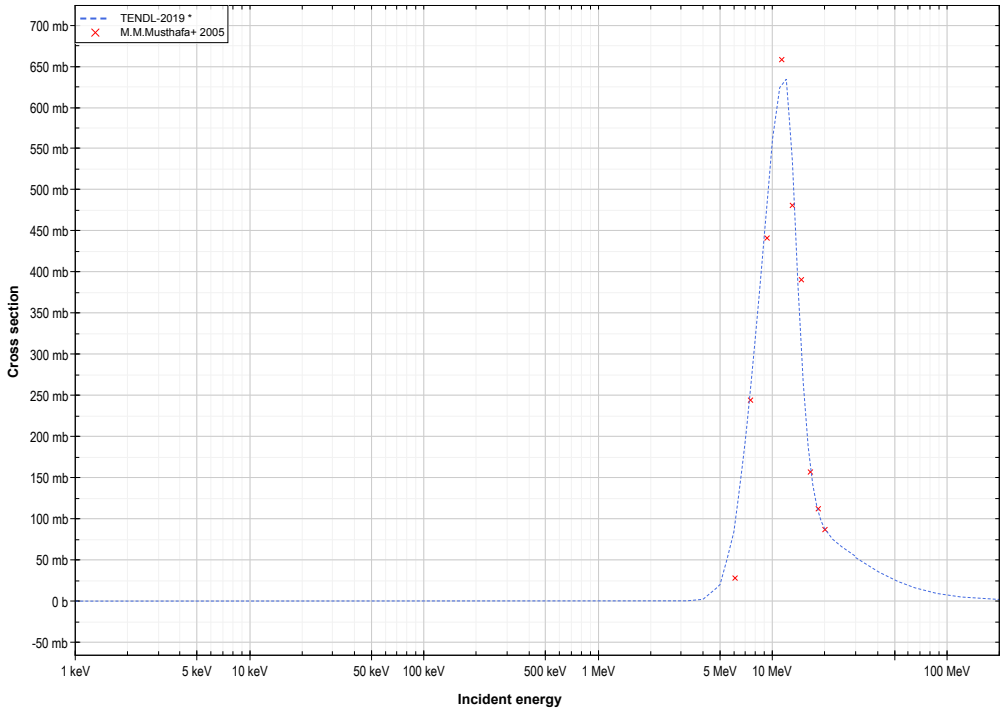
Reaction	Q-Value
Cd116(p,6n)In111	-41459.41 keV

<< 48-Cd-116	**49-In-113**	49-In-115 >>
<< 48-Cd-116 MT153 (p,6n)	**MT4 (p,n) or MT5 (Sn113 production)**	MT103 (p,p) >>

In113 (p,n) or Sn113 production log-log



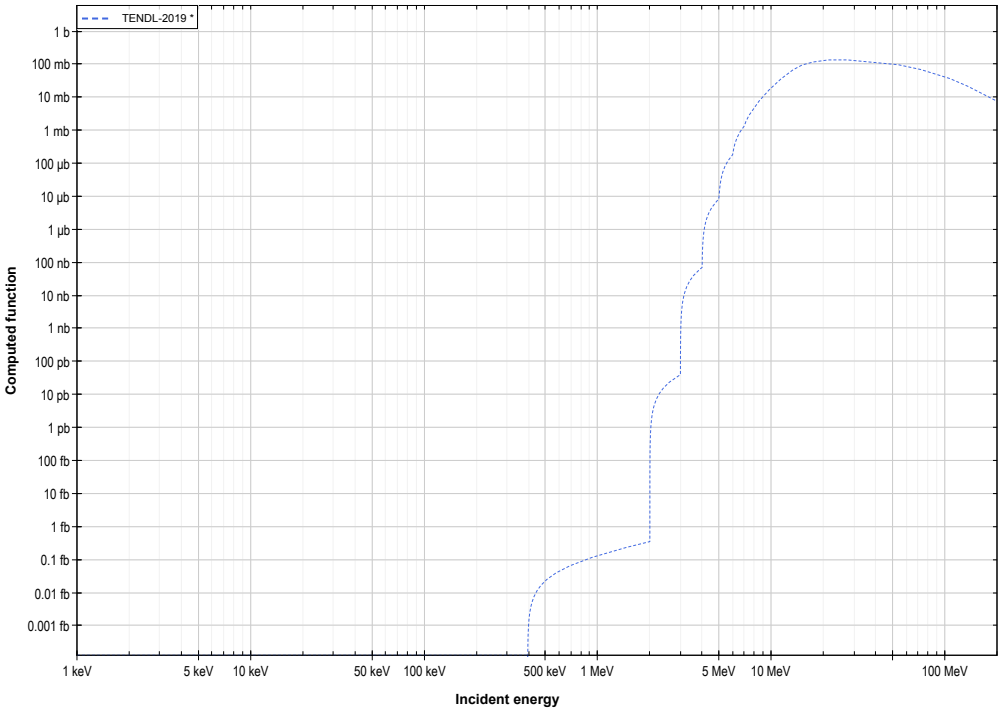
In113 (p,n) or Sn113 production lin-log



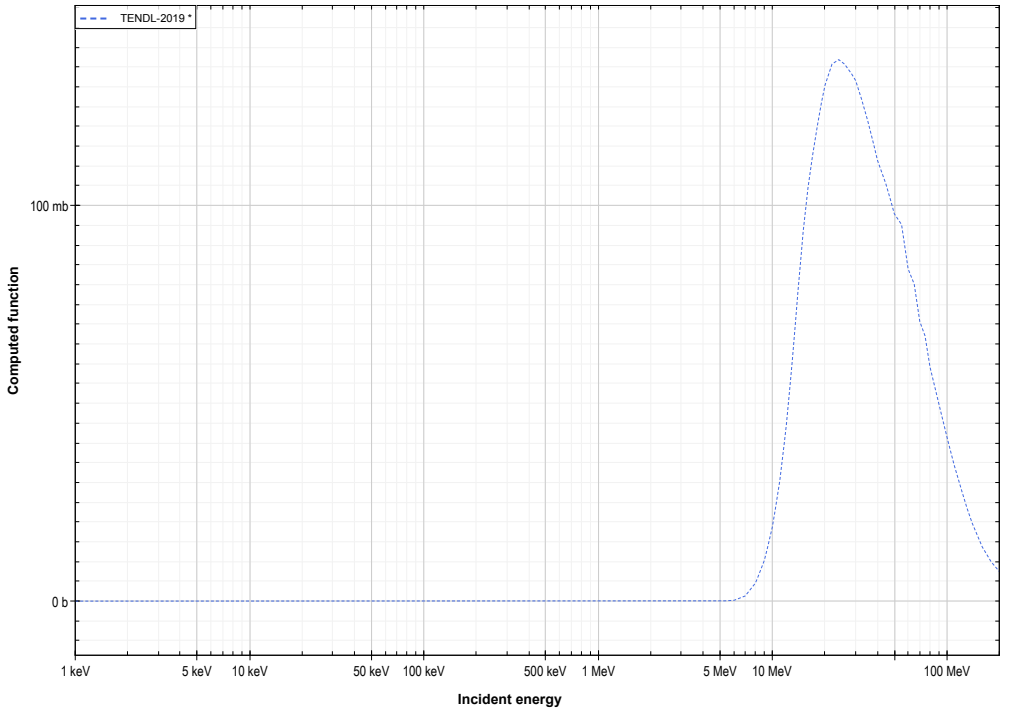
Reaction	Q-Value
In113(p,n)Sn113	-1821.37 keV

<< 48-Cd-111	**49-In-113**	49-In-115 >>
<< MT4 (p,n)	**MT103 (p,p) or MT5 (In113 production)**	49-In-115 MT4 (p,n) >>

In113 (p,p) or In113 production log-log



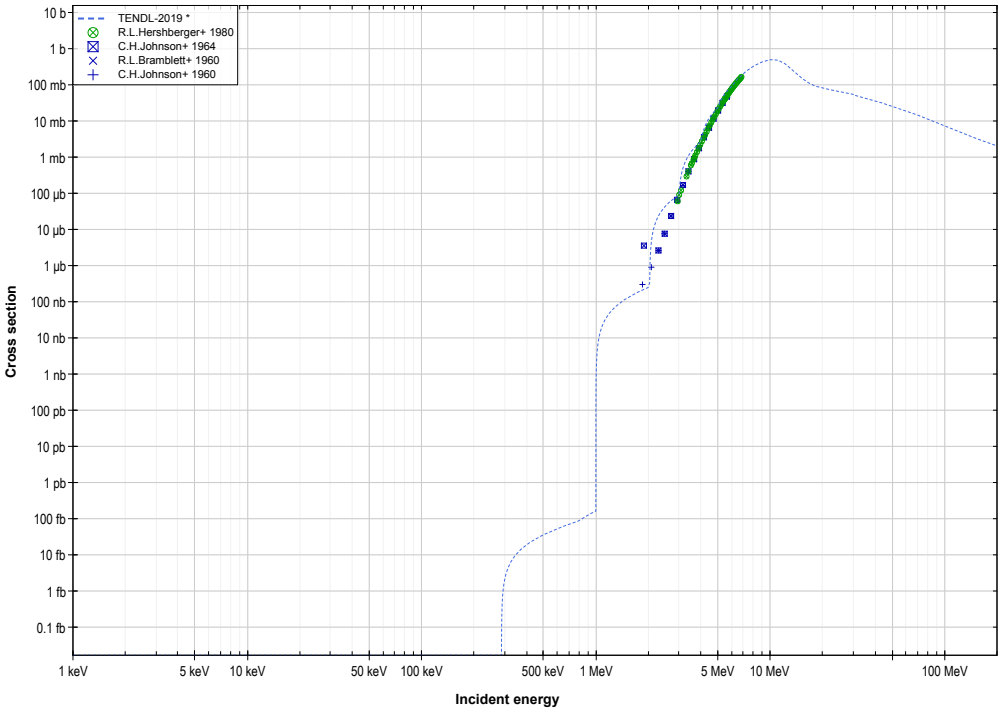
In113 (p,p) or In113 production lin-log



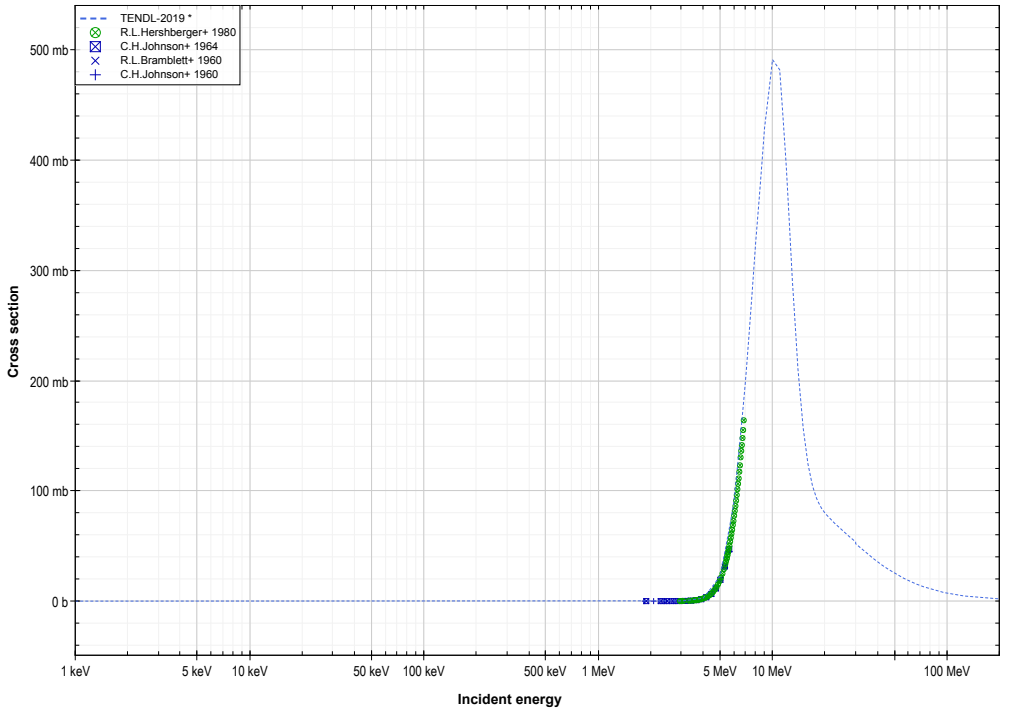
Reaction	Q-Value
In113(p,p)In113	0.00 keV

<< 49-In-113	**49-In-115**	50-Sn-115 >>
<< 49-In-113 MT103 (p,p)	**MT4 (p,n) or MT5 (Sn115 production)**	MT22 (p,n+α) >>

In115 (p,n) or Sn115 production log-log



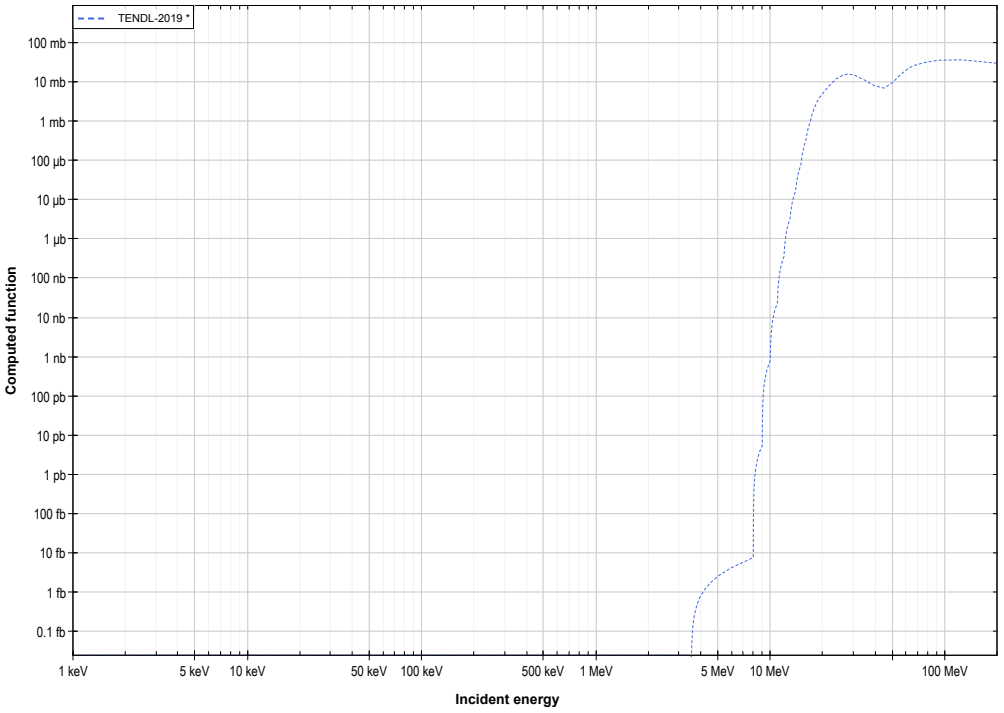
In115 (p,n) or Sn115 production lin-log



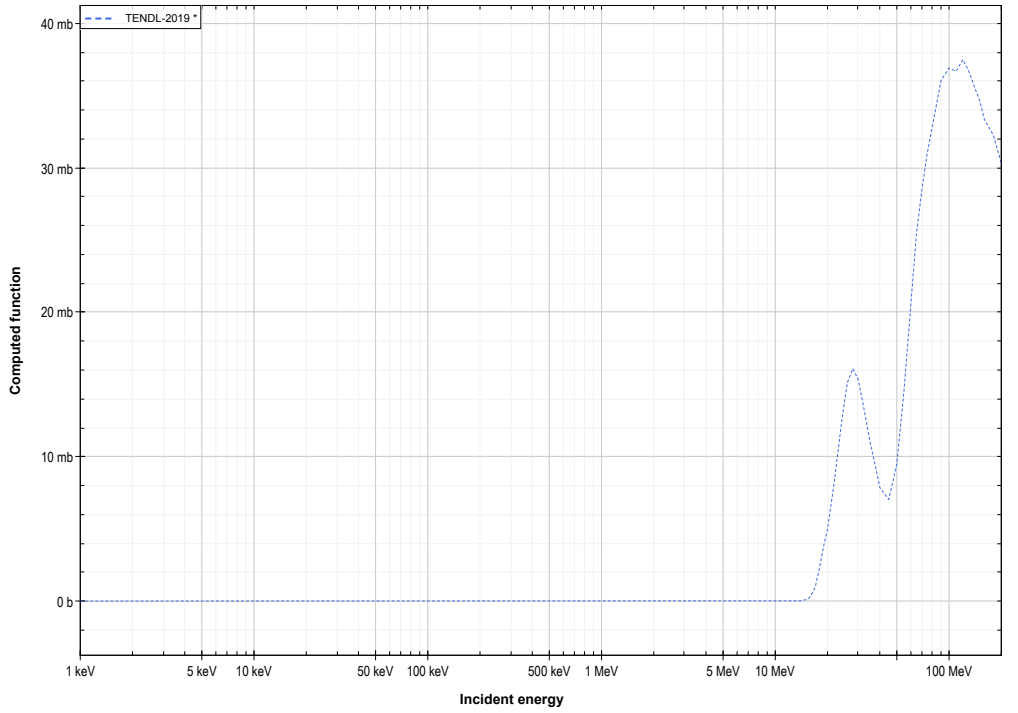
Reaction	Q-Value
In115(p,n)Sn115	-284.86 keV

<< 48-Cd-114	**49-In-115**	52-Te-126 >>
<< MT4 (p,n)	**MT22 (p,n+α) or MT5 (Cd111 production)**	MT102 (p,γ) >>

In115 (p,n+α) or Cd111 production log-log



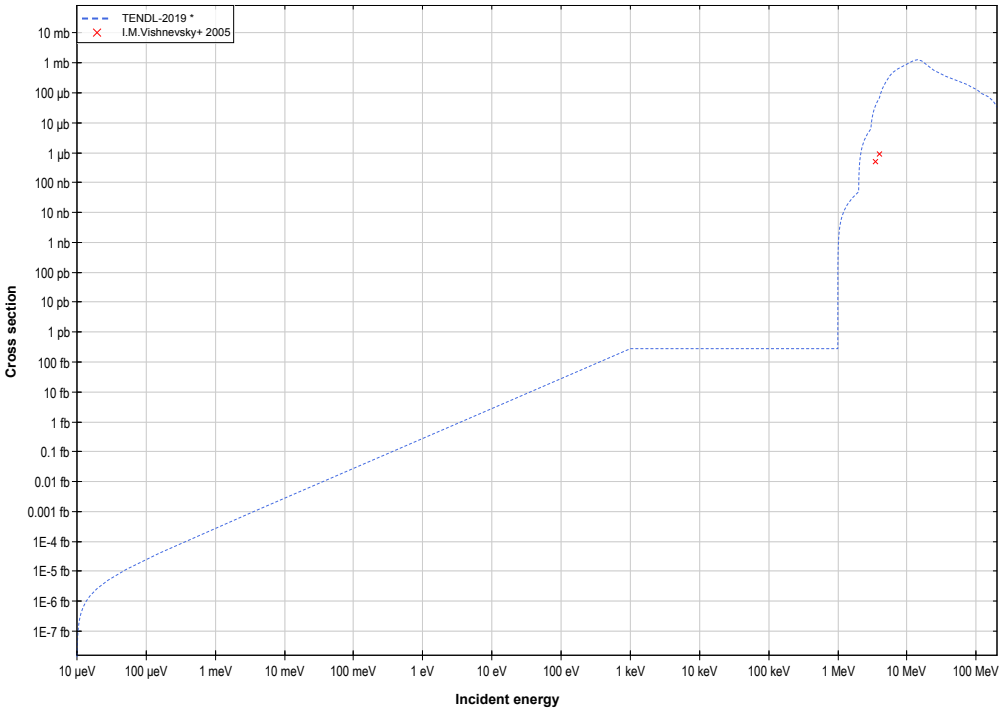
In115 (p,n+α) or Cd111 production lin-log



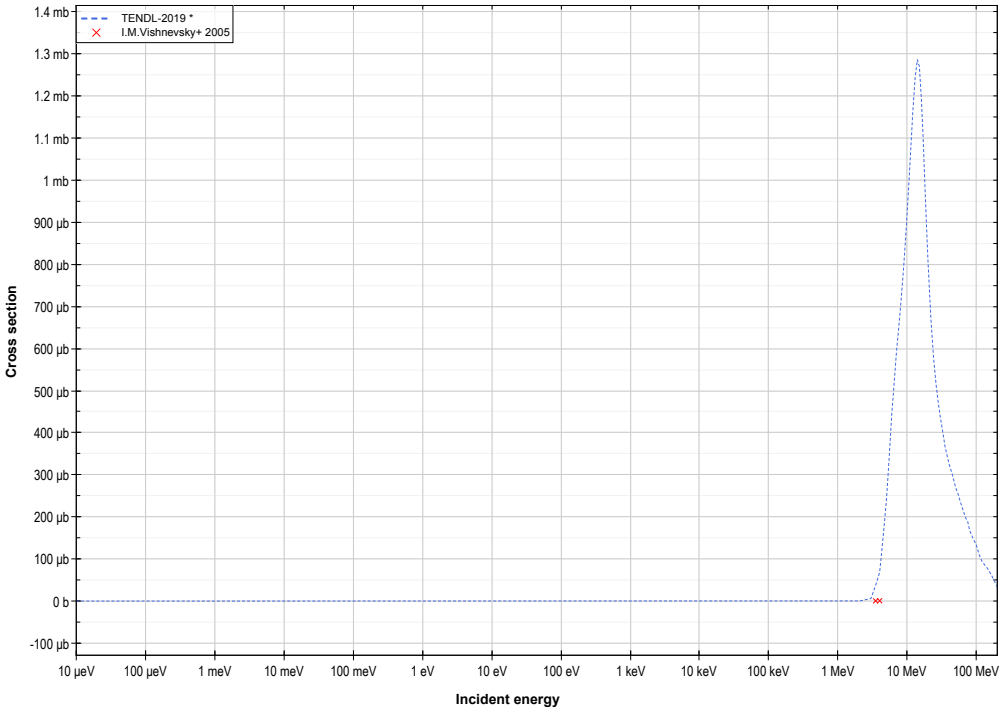
Reaction	Q-Value
In115(p,n+α)Cd111	-3491.41 keV
In115(p,d+t)Cd111	-21080.71 keV
In115(p,n+p+t)Cd111	-23305.27 keV
In115(p,2n+He3)Cd111	-24069.03 keV
In115(p,n+2d)Cd111	-27337.94 keV
In115(p,2n+p+d)Cd111	-29562.50 keV
In115(p,3n+2p)Cd111	-31787.07 keV

<< 48-Cd-114	**49-In-115**	50-Sn-112 >>
<< MT22 (p,n+α)	**MT102 (p,γ) or MT5 (Sn116 production)**	MT103 (p,p) >>

In115 (p,γ) or Sn116 production log-log



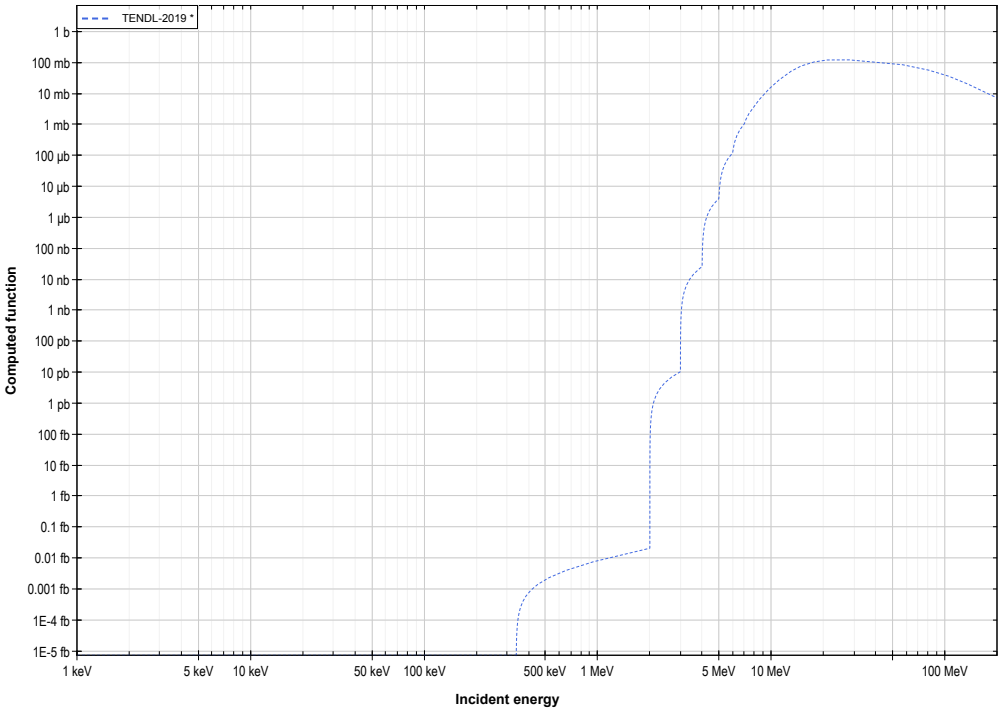
In115 (p,γ) or Sn116 production lin-log



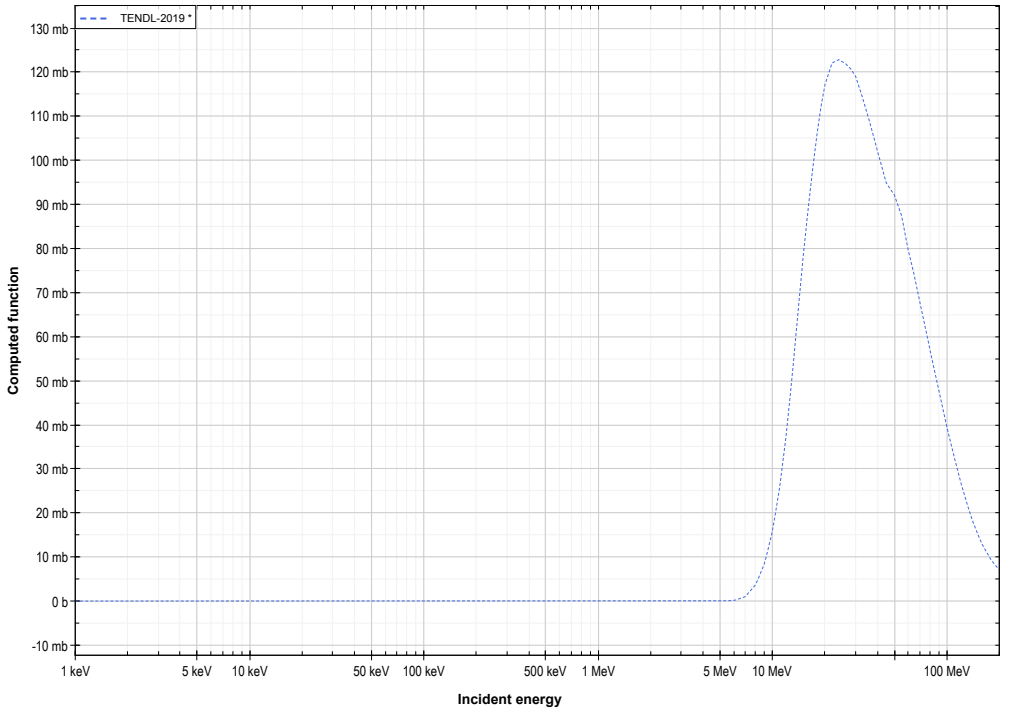
Reaction	Q-Value
In115(p,γ)Sn116	9278.59 keV

<< 49-In-113	**49-In-115**	67-Ho-165 >>
<< MT102 (p,γ)	**MT103 (p,p) or MT5 (In115 production)**	50-Sn-112 MT32 (p,n+d) >>

In115 (p,p) or In115 production log-log



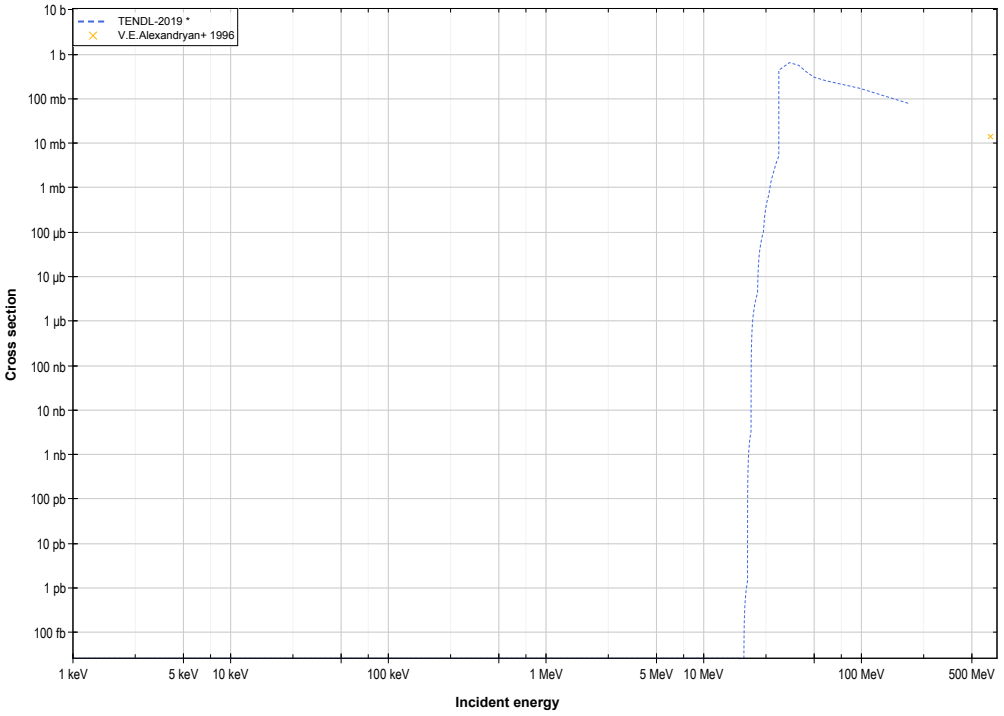
In115 (p,p) or In115 production lin-log



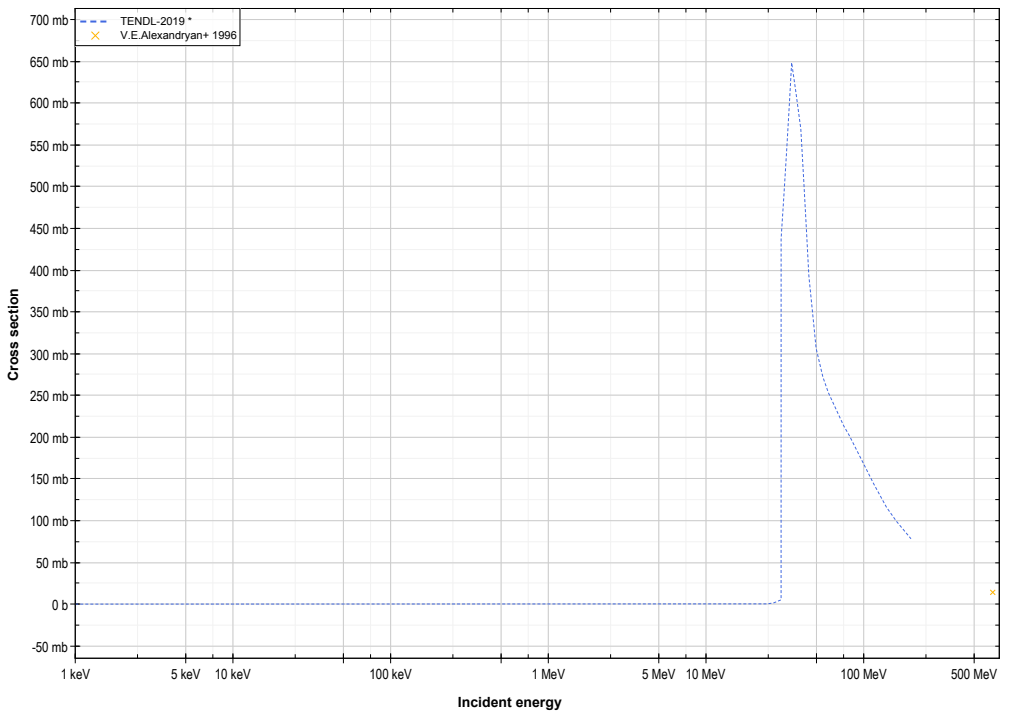
Reaction	Q-Value
In115(p,p)In115	0.00 keV

<< 39-Y-89	**50-Sn-112**	53-I-127 >>
<< 49-In-115 MT103 (p,p)	**MT32 (p,n+d) or MT5 (Sn110 production)**	MT41 (p,2n+p) >>

Sn112 (p,n+d) or Sn110 production log-log



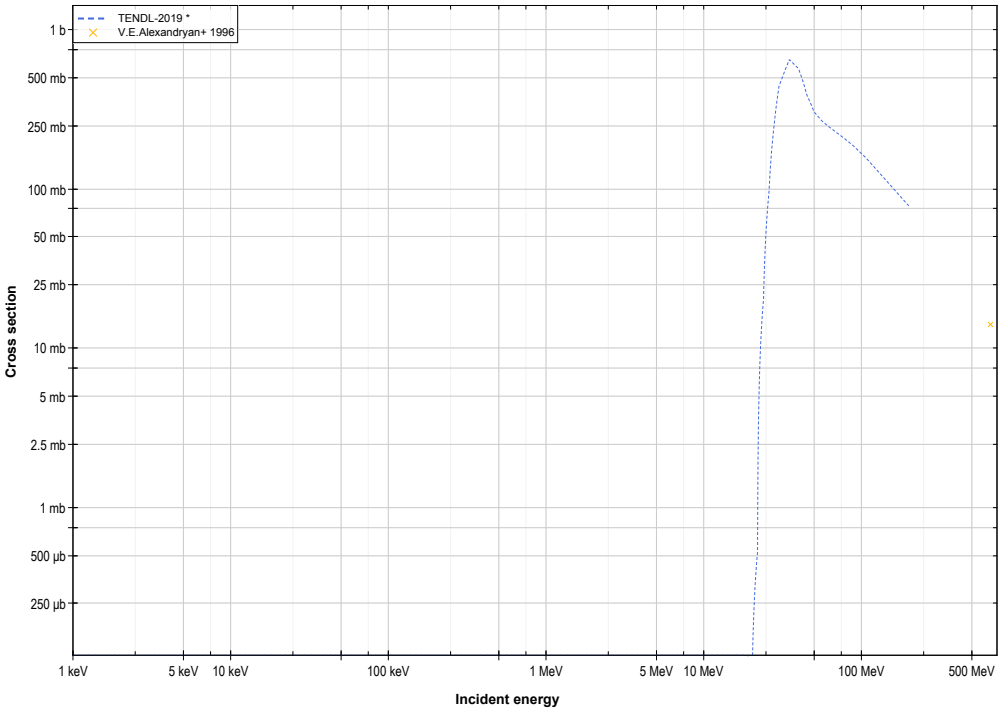
Sn112 (p,n+d) or Sn110 production lin-log



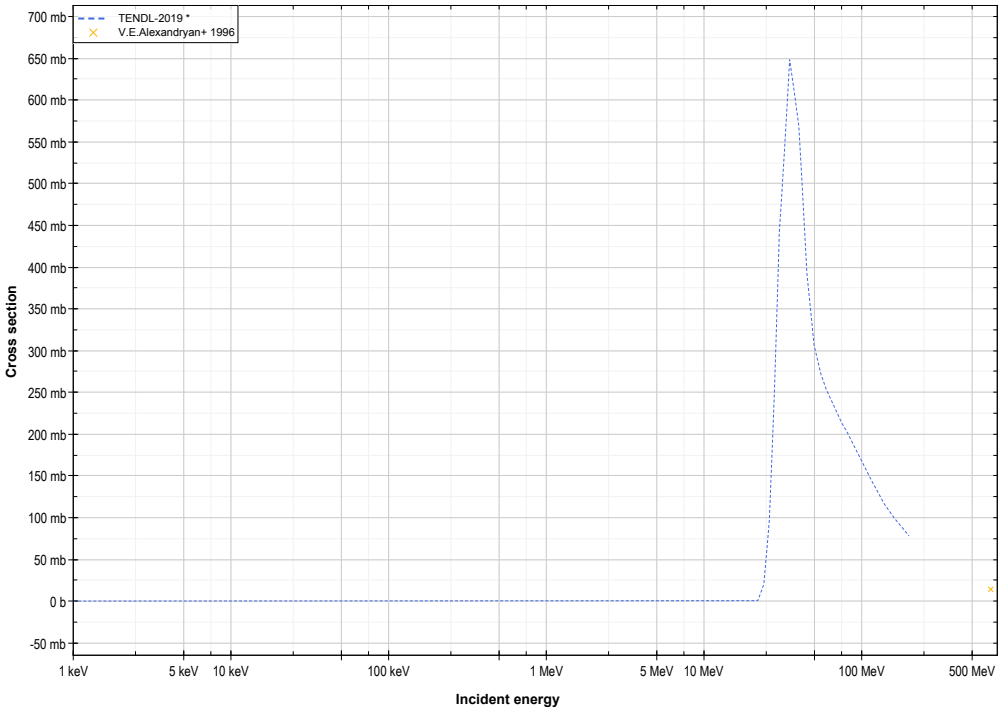
Reaction	Q-Value
Sn112(p,t)Sn110	-10473.90 keV
Sn112(p,n+d)Sn110	-16731.13 keV
Sn112(p,2n+p)Sn110	-18955.69 keV

<< 39-Y-89	**50-Sn-112**	53-I-127 >>
<< MT32 (p,n+d)	**MT41 (p,2n+p) or MT5 (Sn110 production)**	MT44 (p,n+2p) >>

Sn112 (p,2n+p) or Sn110 production log-log



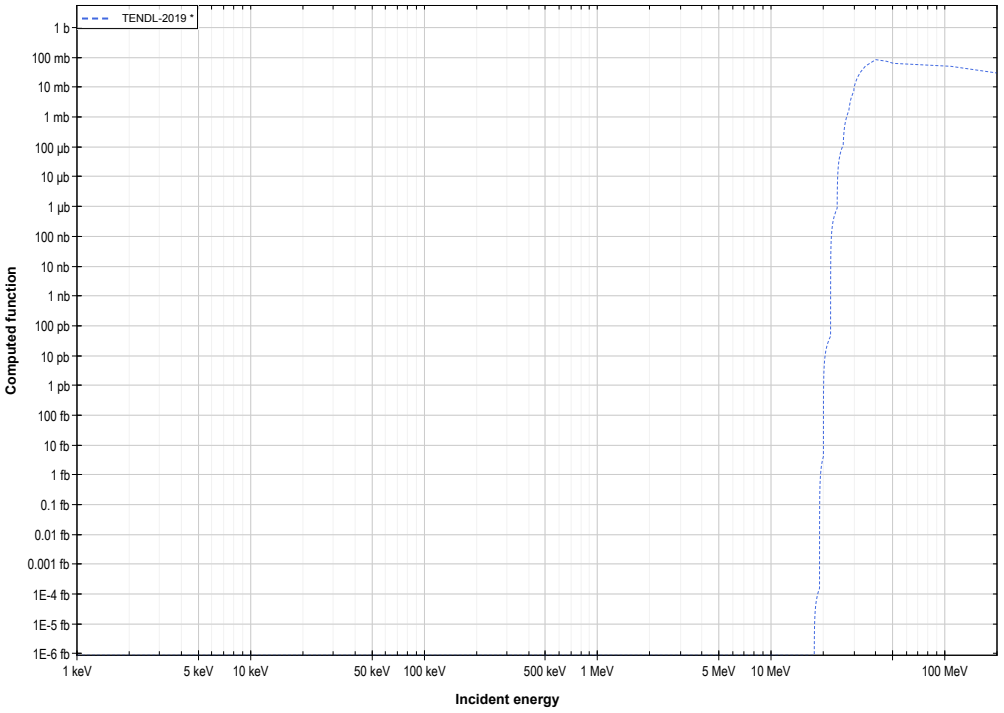
Sn112 (p,2n+p) or Sn110 production lin-log



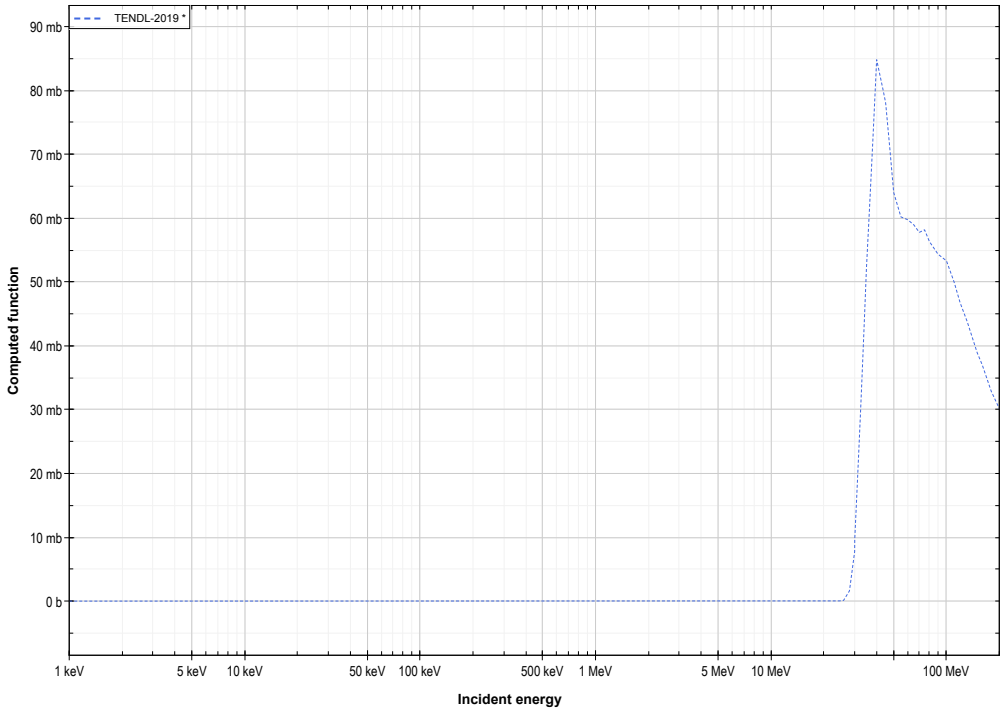
Reaction	Q-Value
Sn112(p,t)Sn110	-10473.90 keV
Sn112(p,n+d)Sn110	-16731.13 keV
Sn112(p,2n+p)Sn110	-18955.69 keV

<< 42-Mo-98	**50-Sn-112**	52-Te-126 >>
<< MT41 (p,2n+p)	**MT44 (p,n+2p) or MT5 (In110 production)**	MT102 (p,γ) >>

Sn112 (p,n+2p) or In110 production log-log



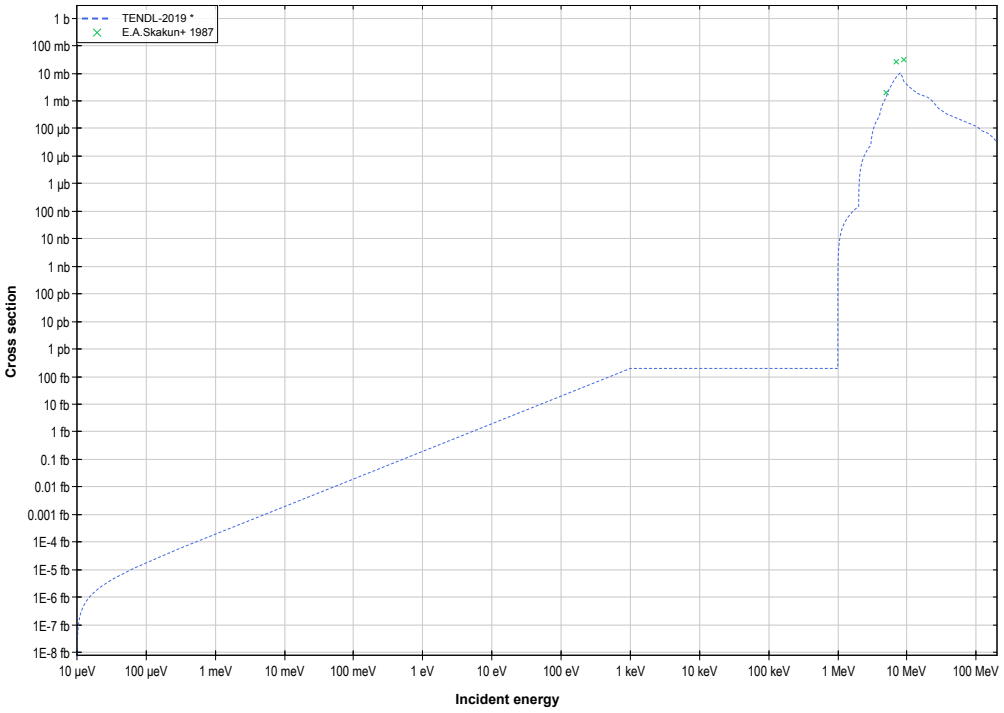
Sn112 (p,n+2p) or In110 production lin-log



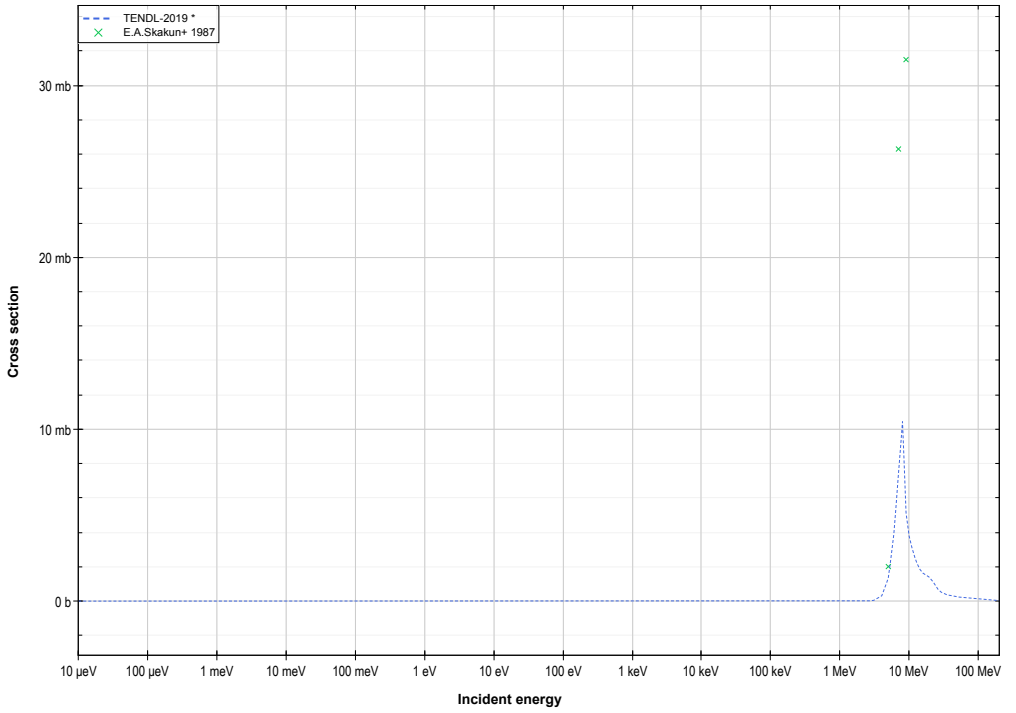
Reaction	Q-Value
Sn112(p,He3)In110	-9827.31 keV
Sn112(p,p+d)In110	-15320.78 keV
Sn112(p,n+2p)In110	-17545.35 keV

<< 49-In-115	**50-Sn-112**	52-Te-125 >>
<< MT44 (p,n+2p)	**MT102 (p,γ) or MT5 (Sb113 production)**	MT105 (p,t) >>

Sn112 (p,γ) or Sb113 production log-log



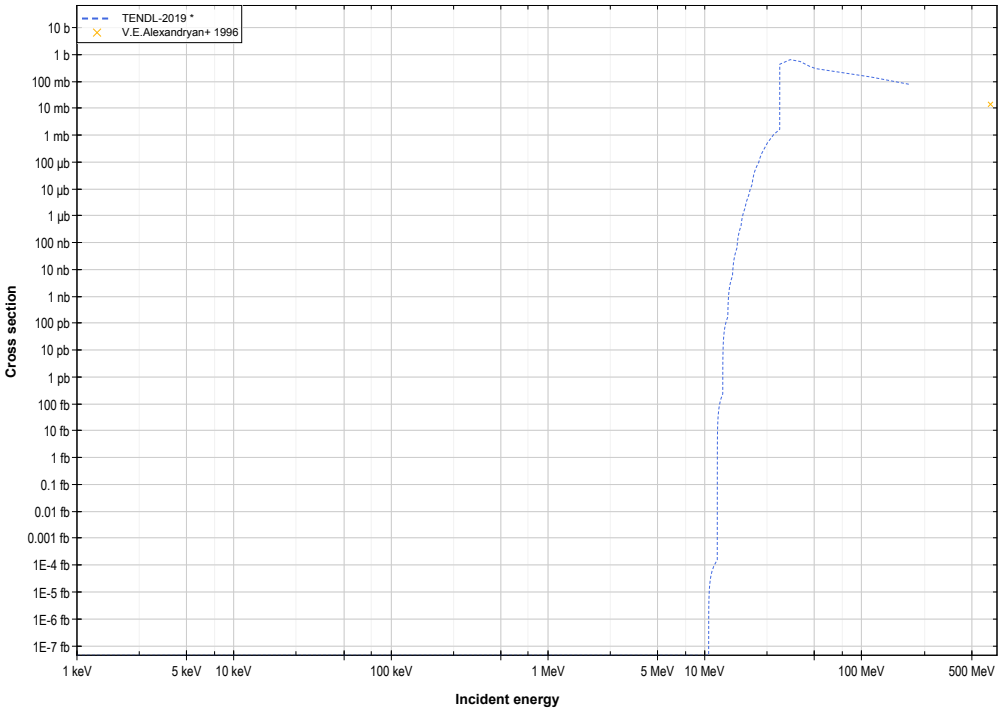
Sn112 (p,γ) or Sb113 production lin-log



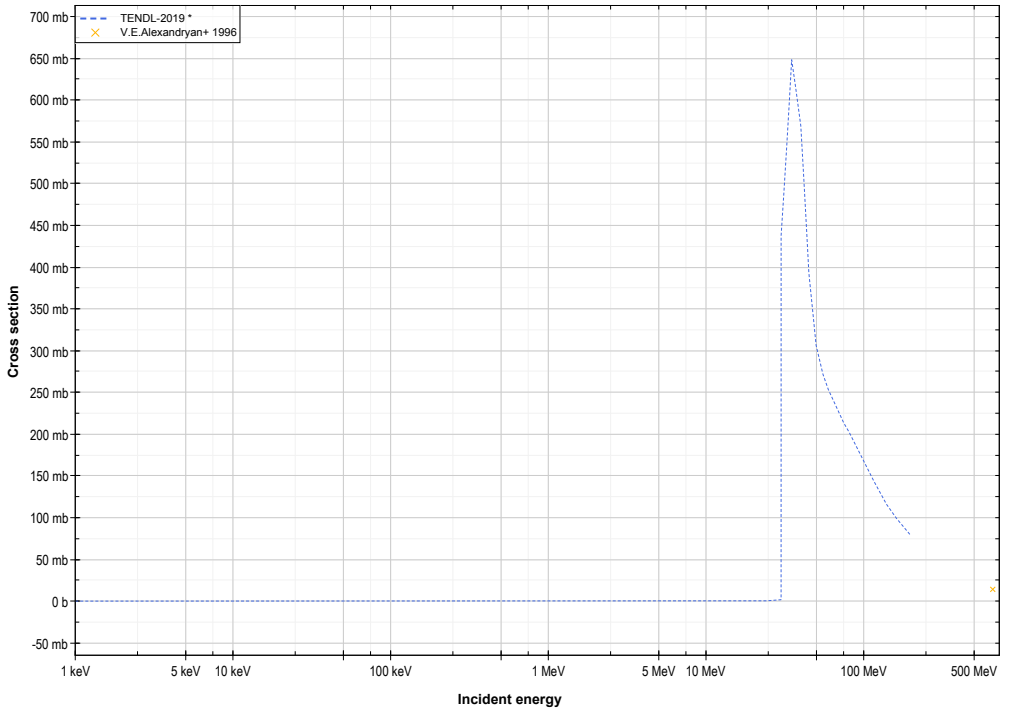
Reaction	Q-Value
Sn112(p,γ)Sb113	3050.91 keV

<< 39-Y-89	**50-Sn-112**	53-I-127 >>
<< MT102 (p,γ)	**MT105 (p,t) or MT5 (Sn110 production)**	MT106 (p,³He) >>

Sn112 (p,t) or Sn110 production log-log



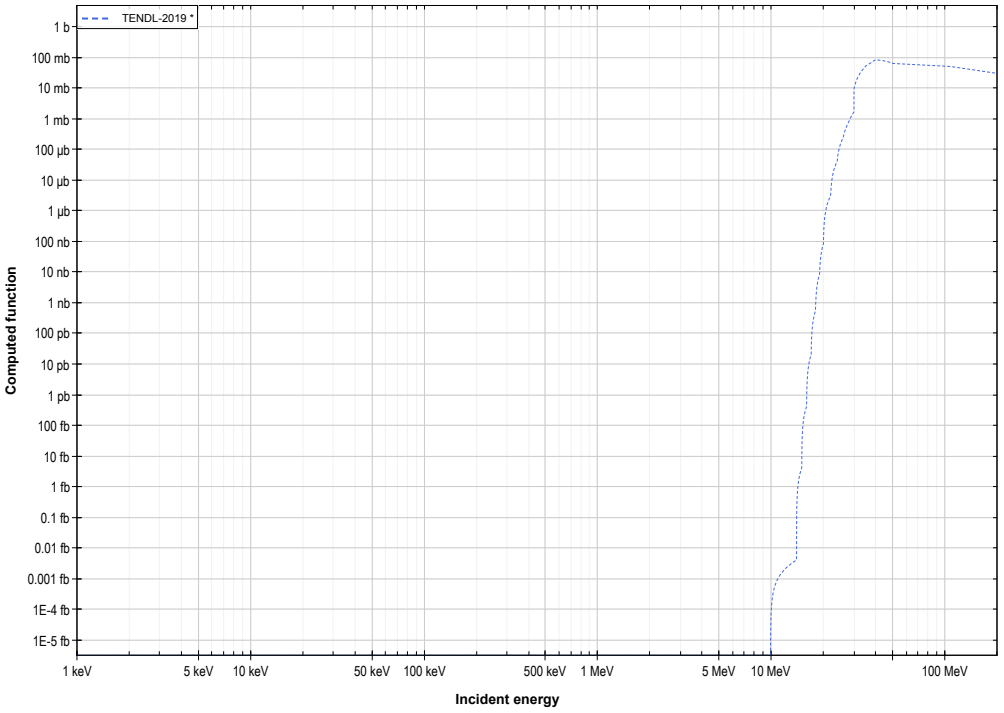
Sn112 (p,t) or Sn110 production lin-log



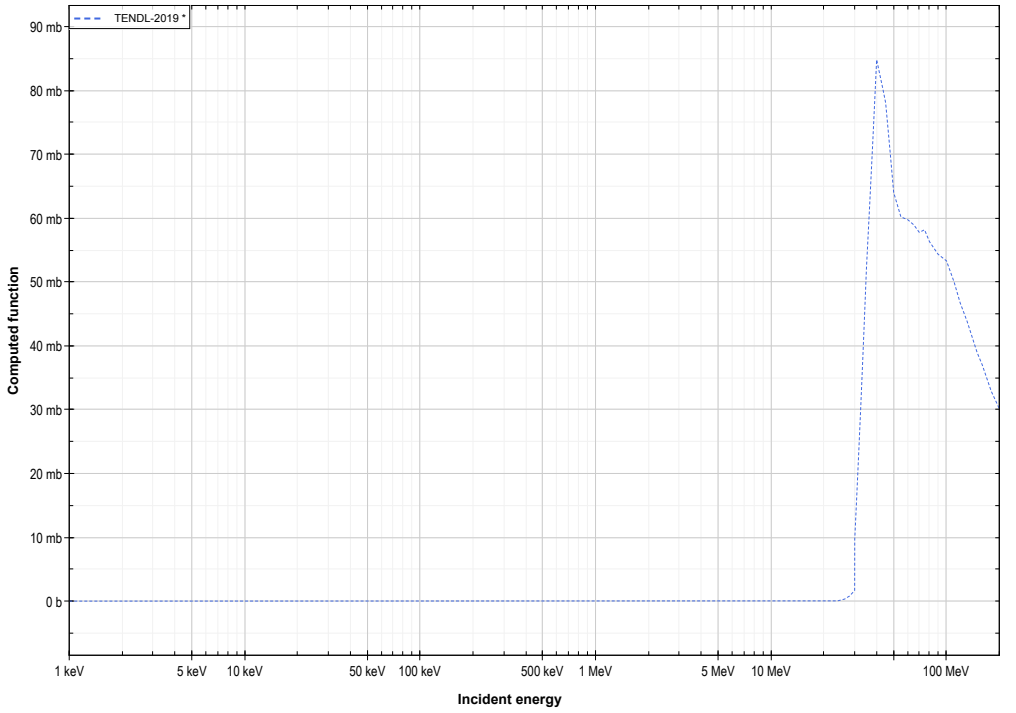
Reaction	Q-Value
Sn112(p,t)Sn110	-10473.90 keV
Sn112(p,n+d)Sn110	-16731.13 keV
Sn112(p,2n+p)Sn110	-18955.69 keV

<< 42-Mo-98	**50-Sn-112**	52-Te-126 >>
<< MT105 (p,t)	**MT106 (p,³He) or MT5 (In110 production)**	MT109 (p,3α) >>

Sn112 (p,³He) or In110 production log-log



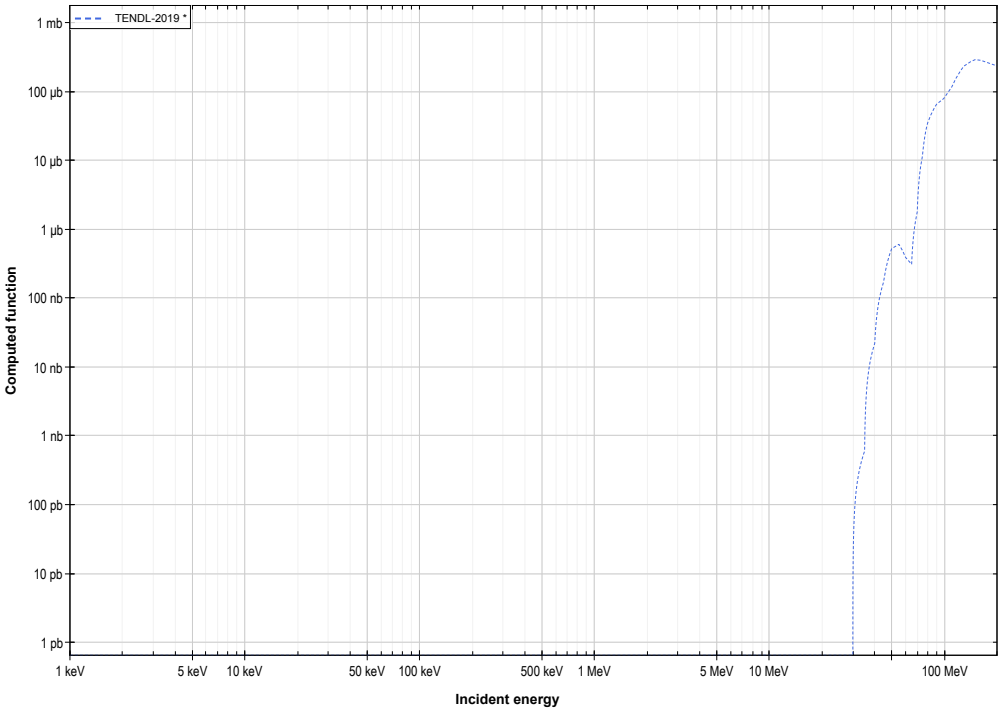
Sn112 (p,³He) or In110 production lin-log



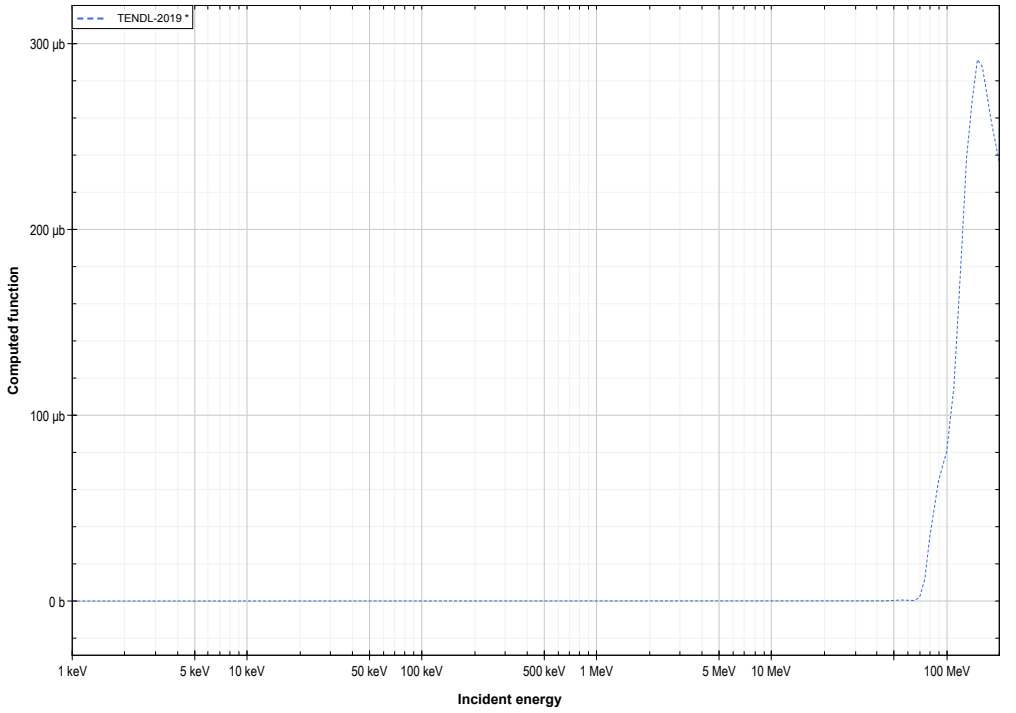
Reaction	Q-Value
Sn112(p,He3)In110	-9827.31 keV
Sn112(p,p+d)In110	-15320.78 keV
Sn112(p,n+2p)In110	-17545.35 keV

<< 22-Ti-50	**50-Sn-112**	
<< MT106 (p,³He)	**MT109 (p,3α) or MT5 (Rh101 production)**	MT111 (p,2p) >>

Sn112 (p,3α) or Rh101 production log-log



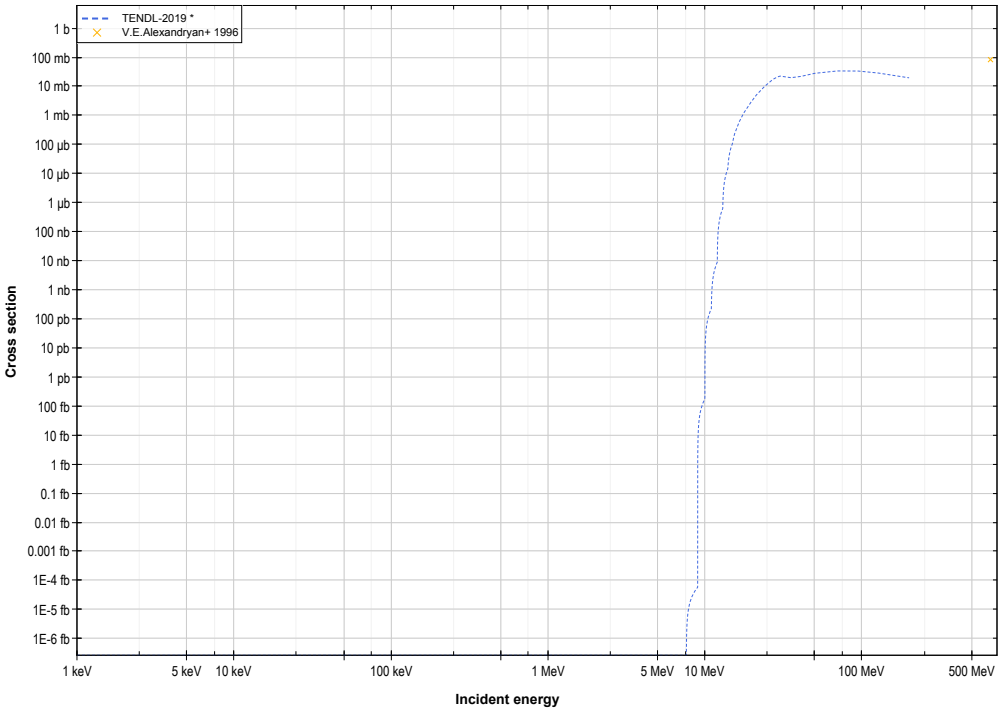
Sn112 (p,3α) or Rh101 production lin-log



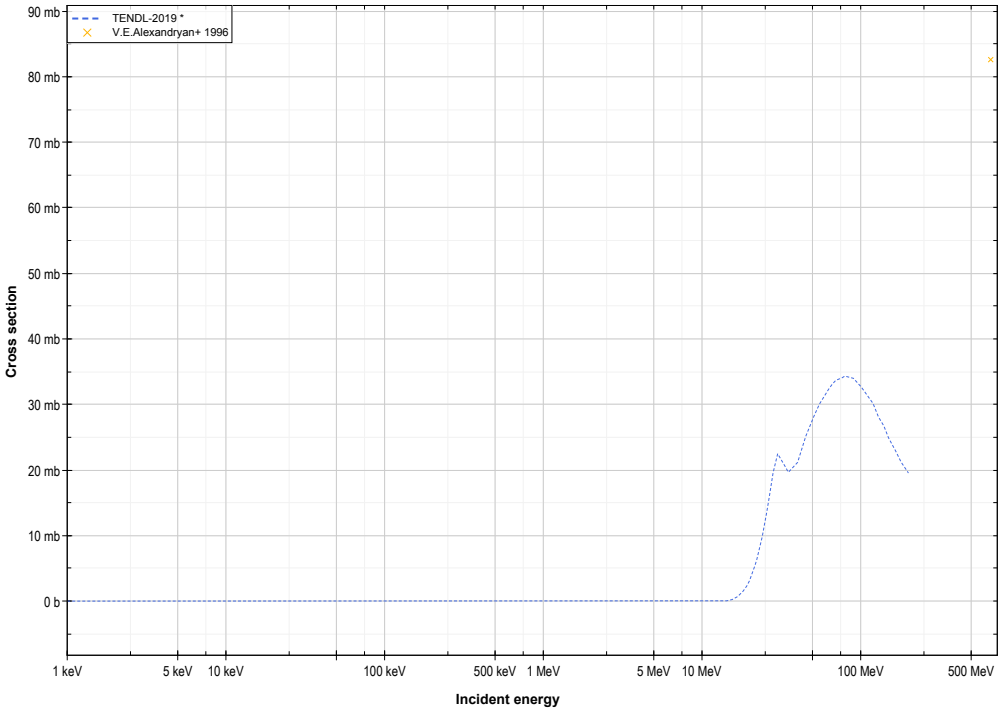
Reaction	Q-Value	Reaction	Q-Value
Sn112(p,3α)Rh101	-1228.84 keV	Sn112(p,n+p+t+He3+α)Rh101	-41620.32 keV
Sn112(p,p+t+2α)Rh101	-21042.70 keV	Sn112(p,2n+2He3+α)Rh101	-42384.08 keV
Sn112(p,n+He3+2α)Rh101	-21806.46 keV	Sn112(p,p+2d+t+α)Rh101	-44889.23 keV
Sn112(p,2d+2α)Rh101	-25075.36 keV	Sn112(p,n+2d+He3+α)Rh101	-45652.98 keV
Sn112(p,n+p+d+2α)Rh101	-27299.93 keV	Sn112(p,n+2p+d+t+α)Rh101	-47113.79 keV
Sn112(p,2n+2p+2α)Rh101	-29524.50 keV	Sn112(p,2n+p+d+He3+α)Rh101	-47877.55 keV
Sn112(p,d+t+He3+α)Rh101	-39395.75 keV	Sn112(p,4d+α)Rh101	-48921.89 keV
Sn112(p,2p+2t+α)Rh101	-40856.57 keV	Sn112(p,2n+3p+t+α)Rh101	-49338.36 keV

<< 48-Cd-113	**50-Sn-112**	50-Sn-118 >>
<< MT109 (p,3α)	**MT111 (p,2p) or MT5 (In111 production)**	MT115 (p,p+d) >>

Sn112 (p,2p) or In111 production log-log



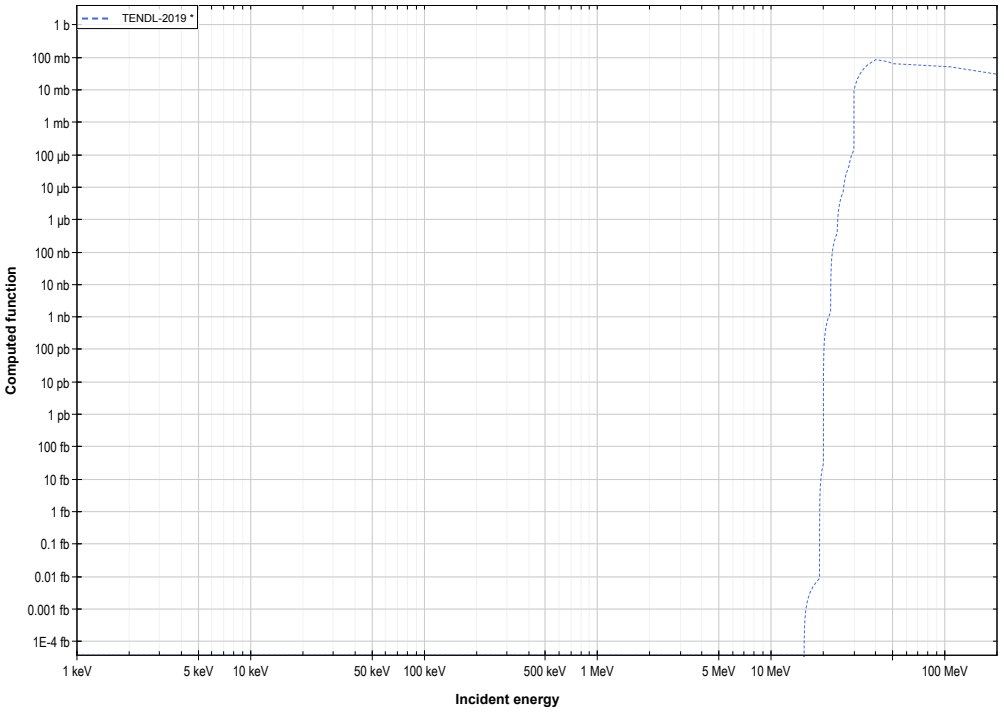
Sn112 (p,2p) or In111 production lin-log



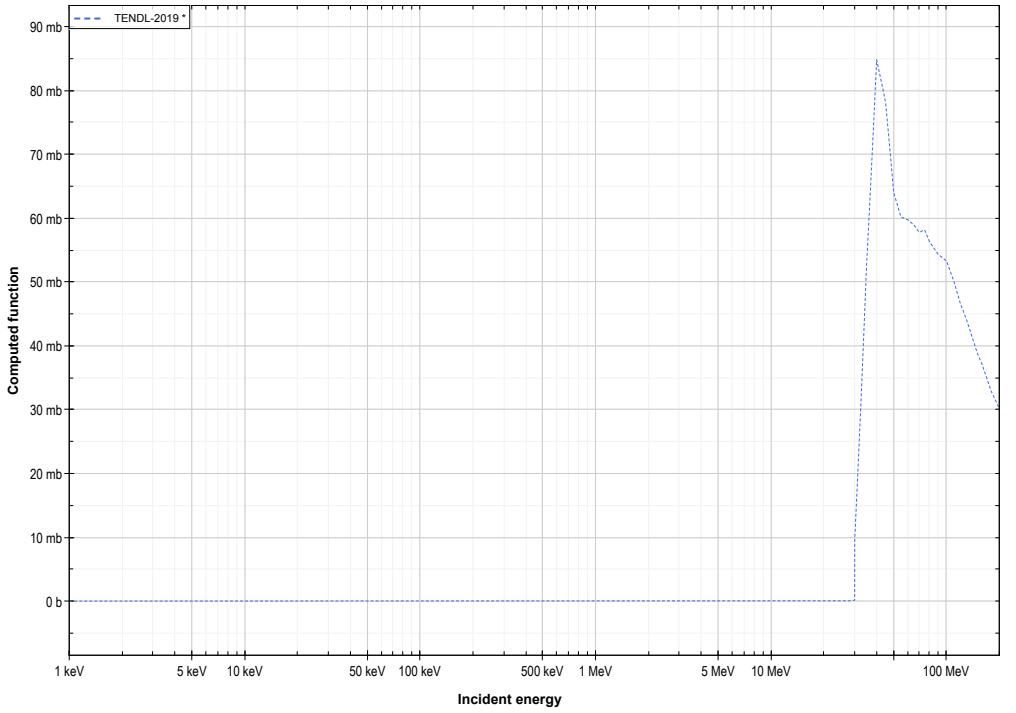
Reaction	Q-Value
Sn112(p,2p)In111	-7552.03 keV

<< 42-Mo-98	**50-Sn-112**	52-Te-126 >>
<< MT111 (p,2p)	**MT115 (p,p+d) or MT5 (In110 production)**	50-Sn-115 MT4 (p,n) >>

Sn112 (p,p+d) or In110 production log-log



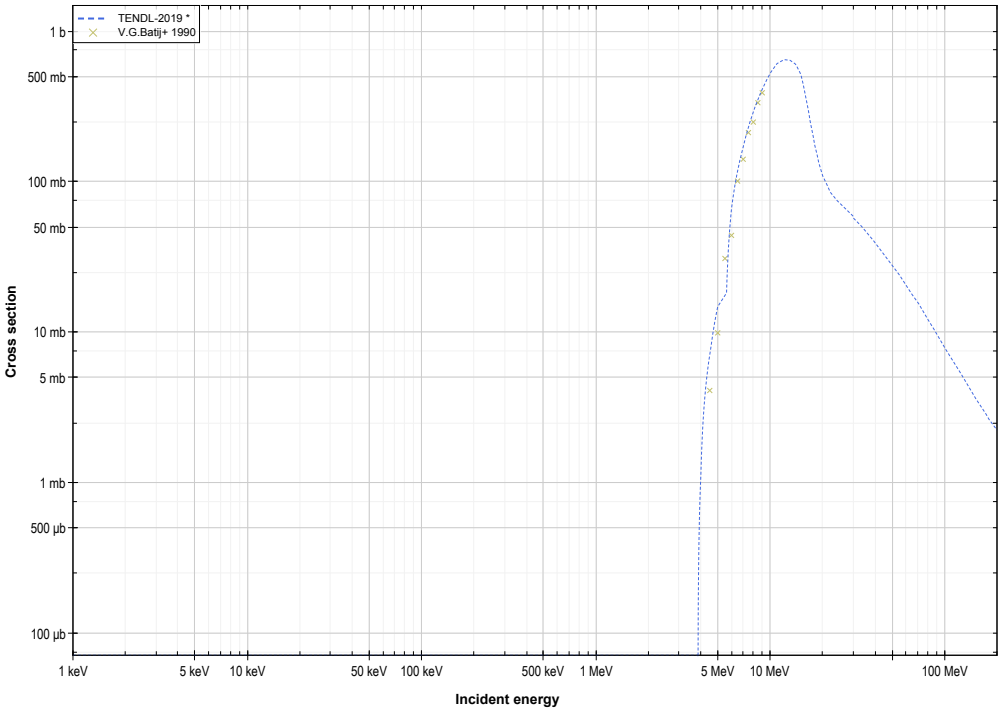
Sn112 (p,p+d) or In110 production lin-log



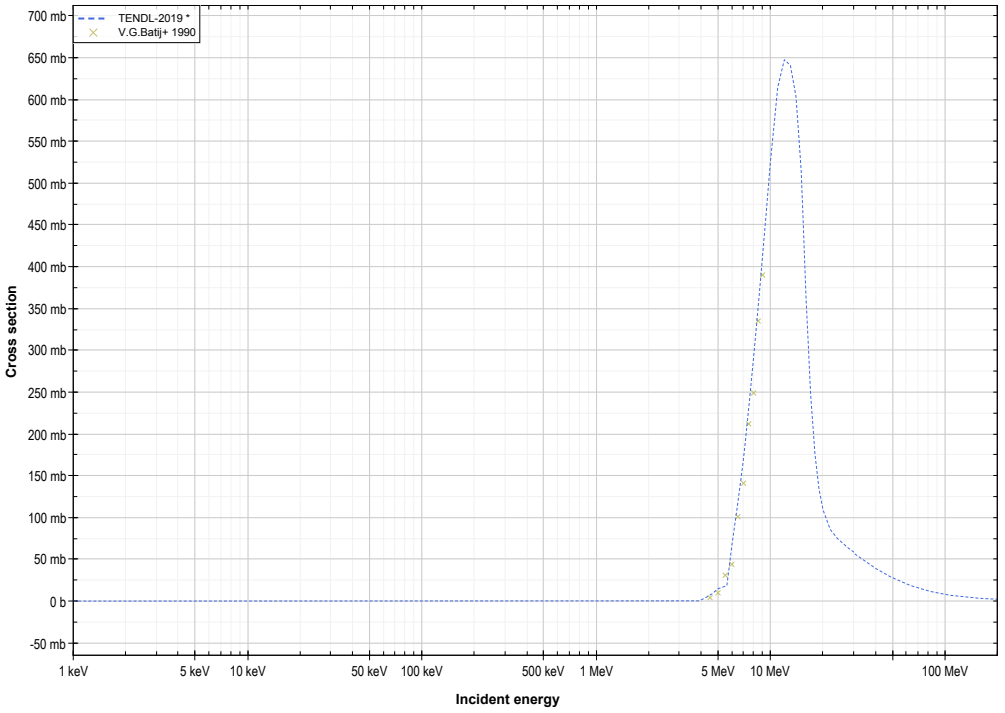
Reaction	Q-Value
Sn112(p,He3)In110	-9827.31 keV
Sn112(p,p+d)In110	-15320.78 keV
Sn112(p,n+2p)In110	-17545.35 keV

<< 49-In-115	**50-Sn-115**	50-Sn-116 >>
<< 50-Sn-112 MT115 (p,p+d)	**MT4 (p,n) or MT5 (Sb115 production)**	50-Sn-116 MT4 (p,n) >>

Sn115 (p,n) or Sb115 production log-log



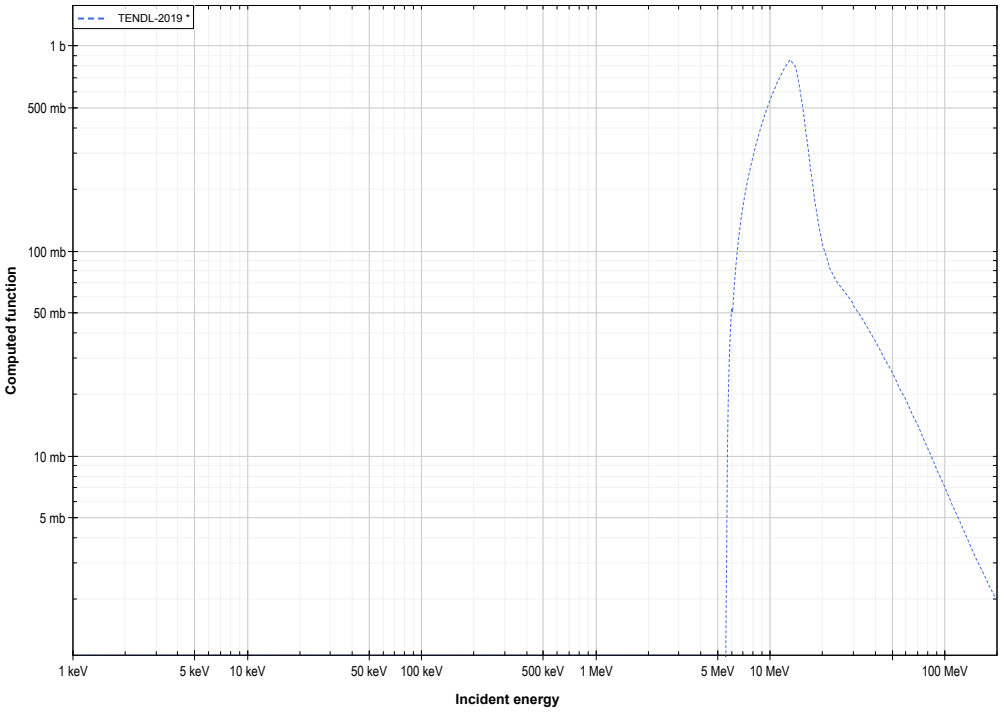
Sn115 (p,n) or Sb115 production lin-log



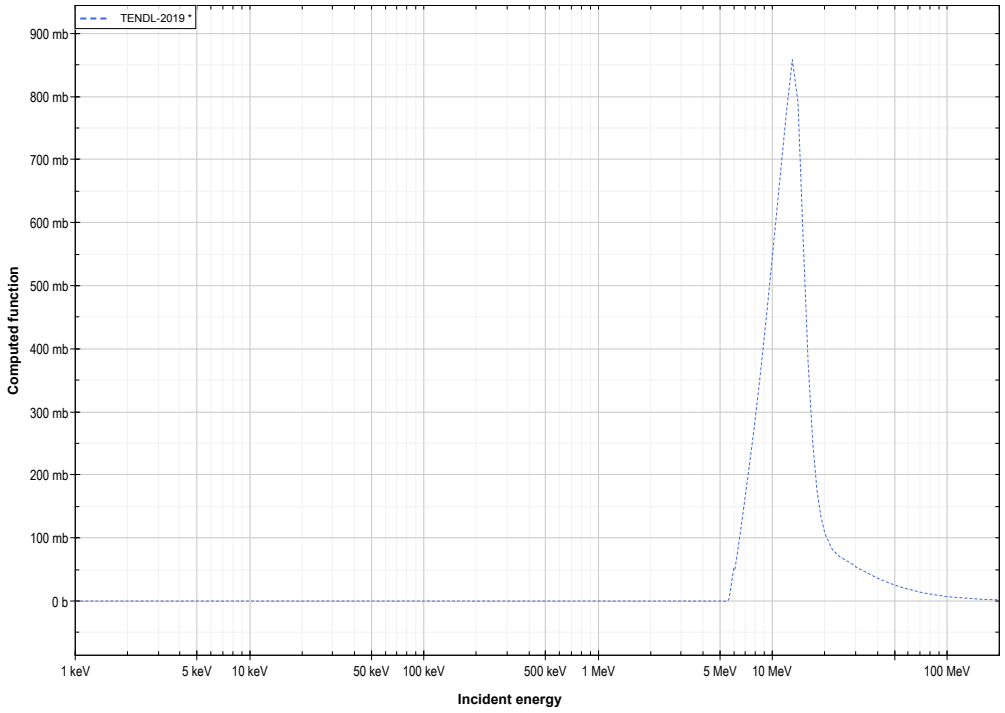
Reaction	Q-Value
Sn115(p,n)Sb115	-3813.18 keV

<< 50-Sn-115	**50-Sn-116**	50-Sn-117 >>
<< 50-Sn-115 MT4 (p,n)	**MT4 (p,n) or MT5 (Sb116 production)**	50-Sn-117 MT4 (p,n) >>

Sn116 (p,n) or Sb116 production log-log



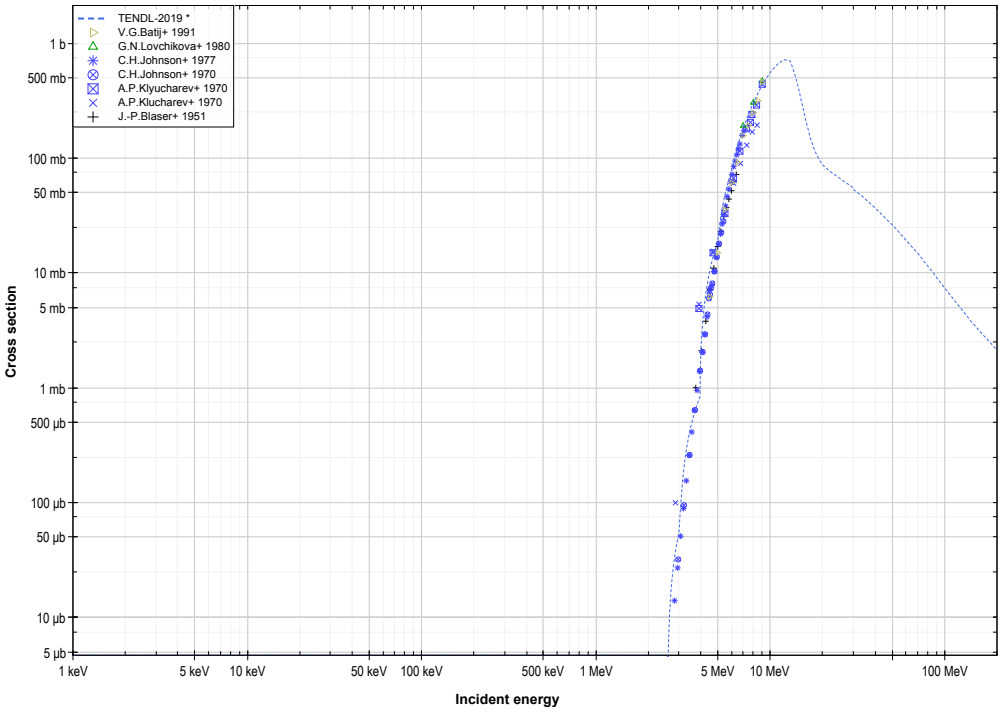
Sn116 (p,n) or Sb116 production lin-log



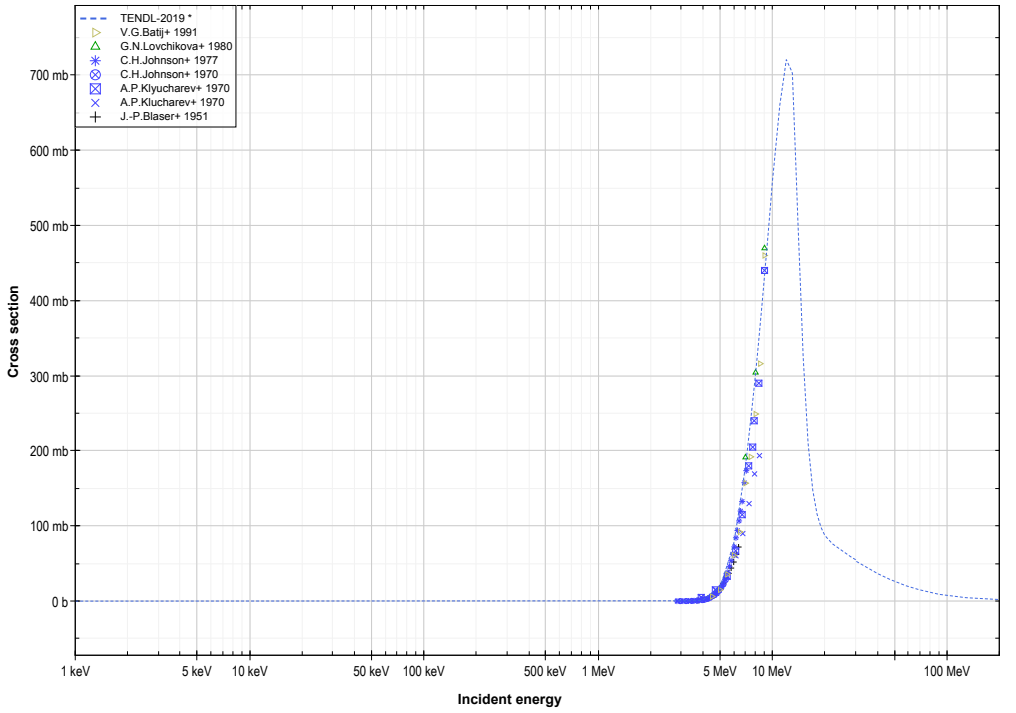
Reaction	Q-Value
Sn116(p,n)Sb116	-5486.32 keV

<< 50-Sn-116	**50-Sn-117**	50-Sn-118 >>
<< 50-Sn-116 MT4 (p,n)	**MT4 (p,n) or MT5 (Sb117 production)**	50-Sn-118 MT4 (p,n) >>

Sn117 (p,n) or Sb117 production log-log



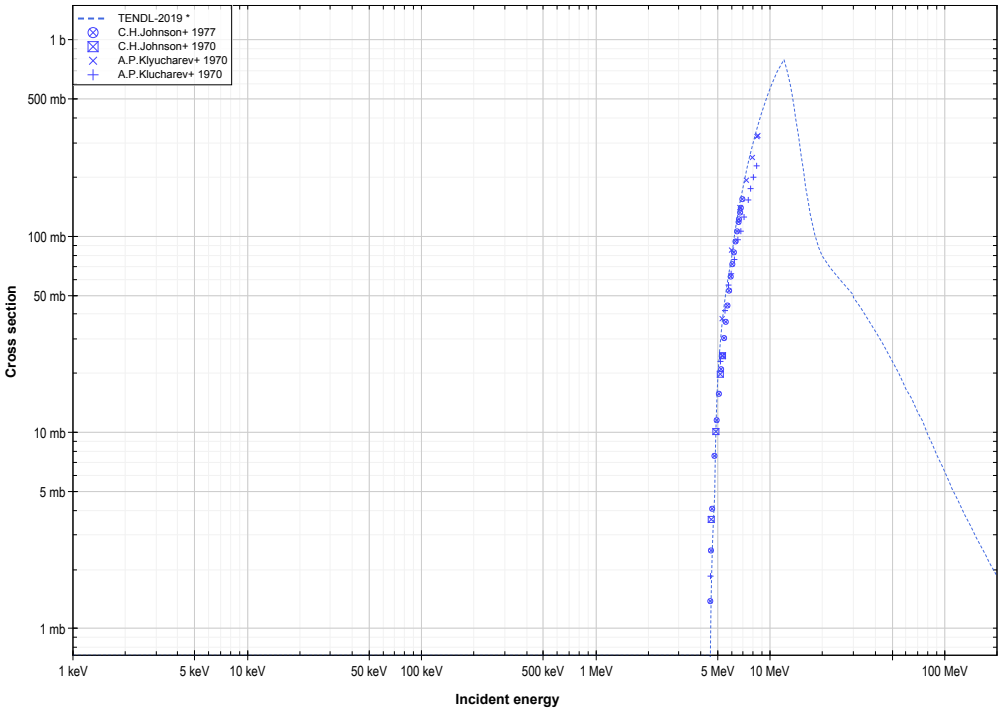
Sn117 (p,n) or Sb117 production lin-log



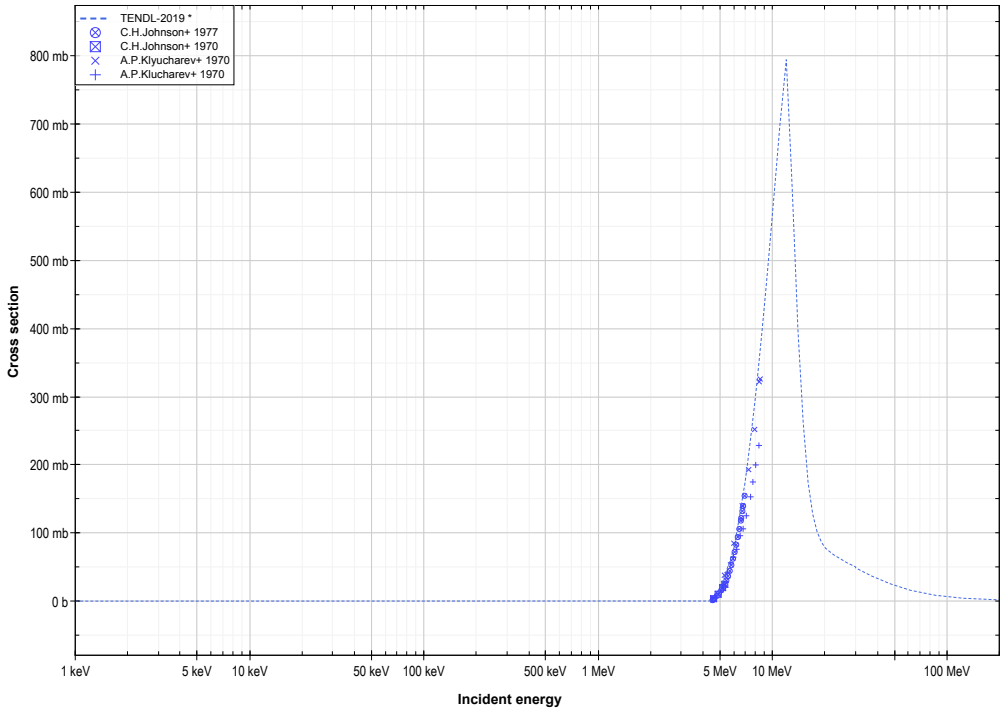
Reaction	Q-Value
Sn117(p,n)Sb117	-2540.15 keV

<< 50-Sn-117	**50-Sn-118**	50-Sn-119 >>
<< 50-Sn-117 MT4 (p,n)	**MT4 (p,n) or MT5 (Sb118 production)**	MT16 (p,2n) >>

Sn118 (p,n) or Sb118 production log-log



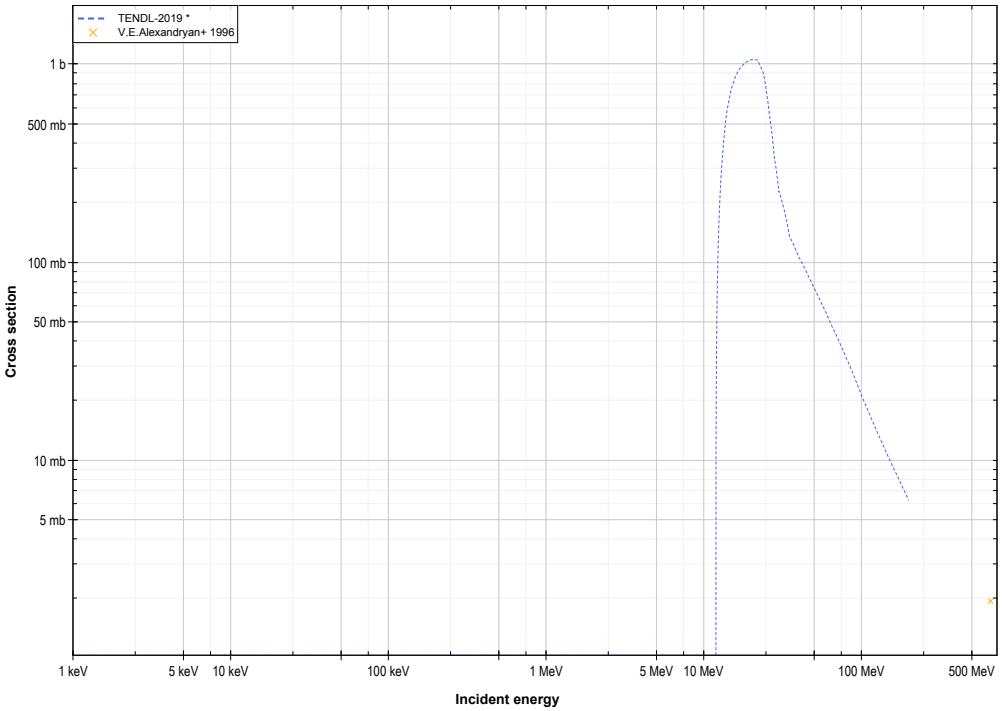
Sn118 (p,n) or Sb118 production lin-log



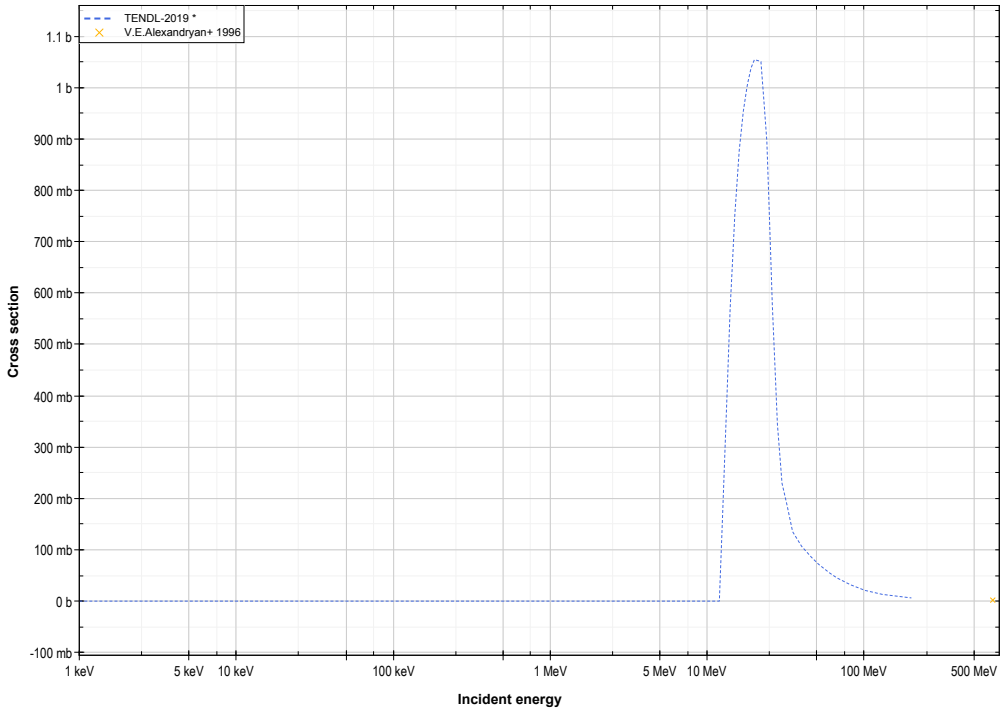
Reaction	Q-Value
Sn118(p,n)Sb118	-4439.25 keV

<< 48-Cd-116	**50-Sn-118**	50-Sn-119 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Sb117 production)**	MT17 (p,3n) >>

Sn118 (p,2n) or Sb117 production log-log



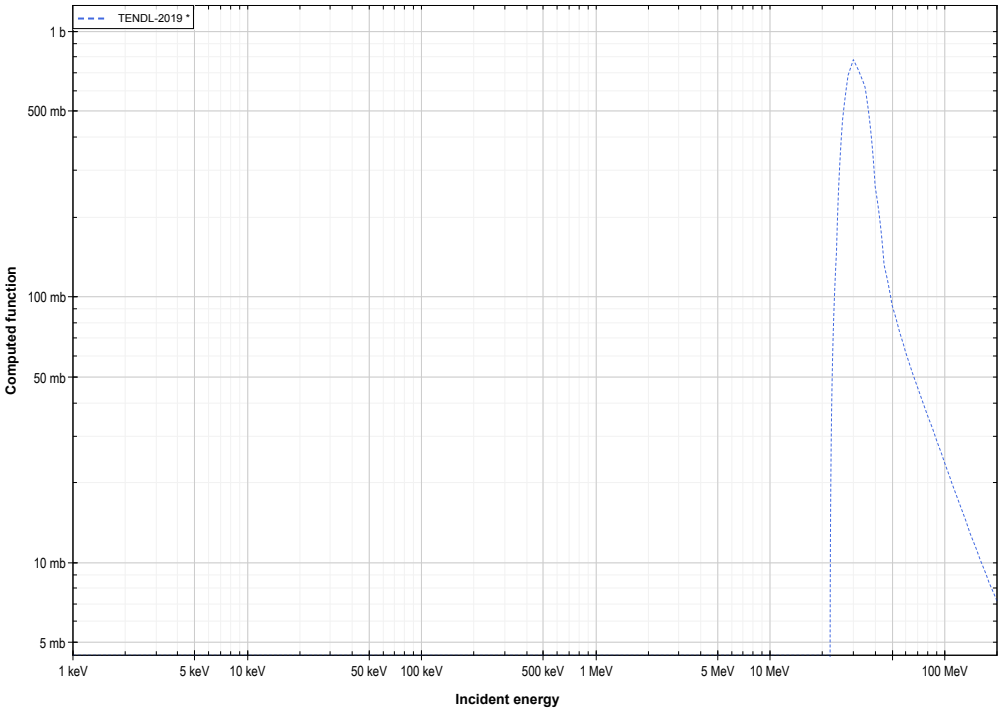
Sn118 (p,2n) or Sb117 production lin-log



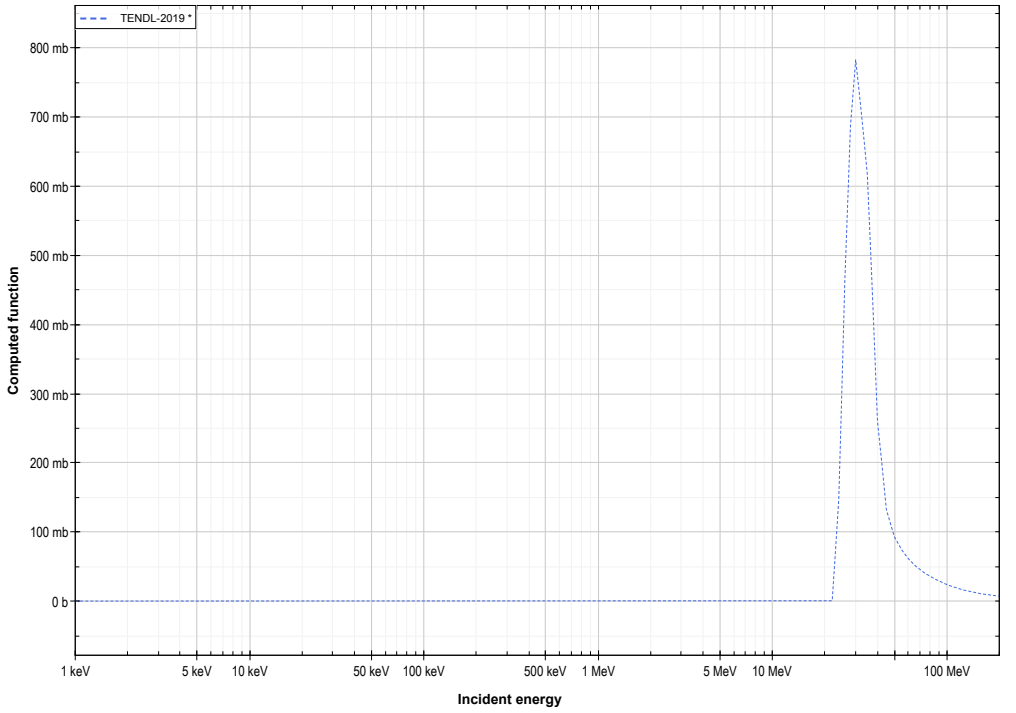
Reaction	Q-Value
Sn118(p,2n)Sb117	-11866.56 keV

<< 48-Cd-116	**50-Sn-118**	50-Sn-124 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Sb116 production)**	MT37 (p,4n) >>

Sn118 (p,3n) or Sb116 production log-log



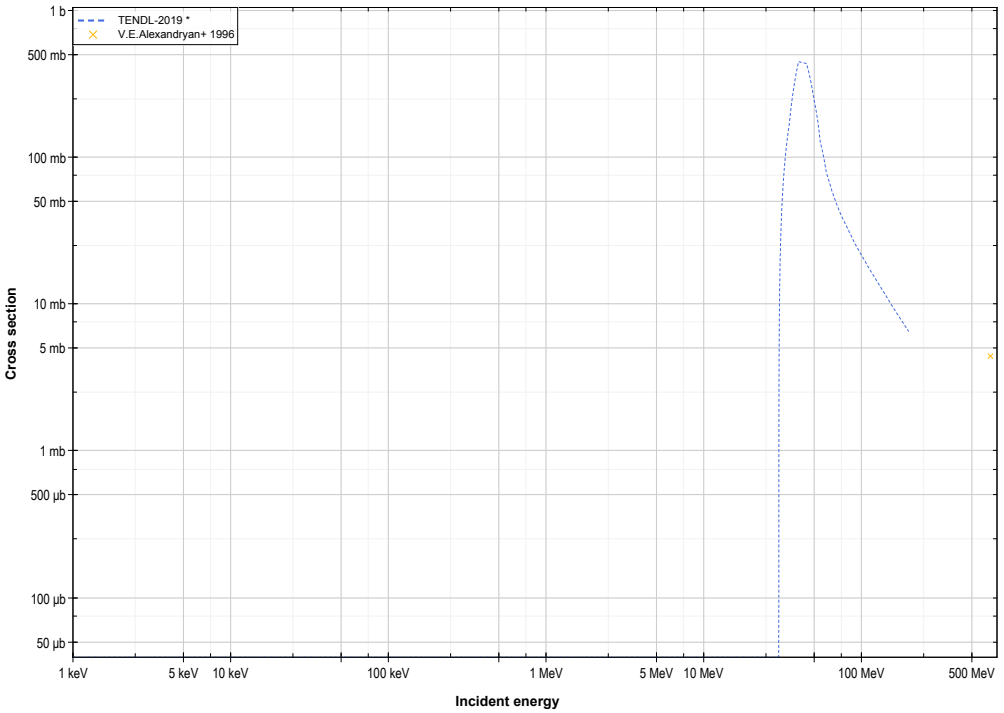
Sn118 (p,3n) or Sb116 production lin-log



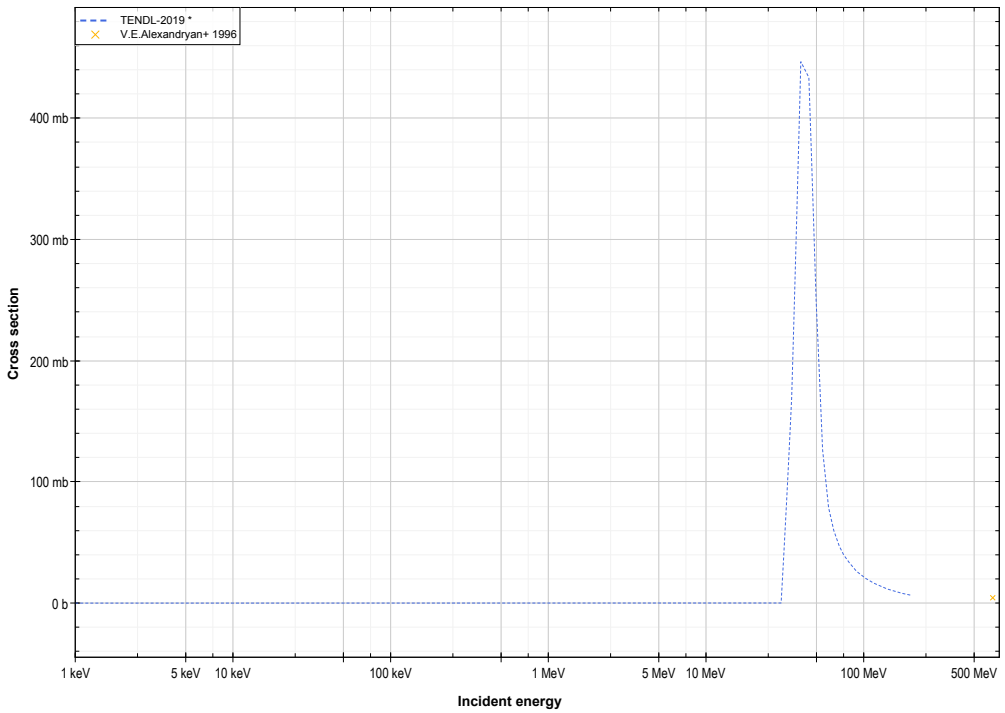
Reaction	Q-Value
Sn118(p,3n)Sb116	-21755.88 keV

<< 48-Cd-116	**50-Sn-118**	51-Sb-121 >>
<< MT17 (p,3n)	**MT37 (p,4n) or MT5 (Sb115 production)**	MT111 (p,2p) >>

Sn118 (p,4n) or Sb115 production log-log



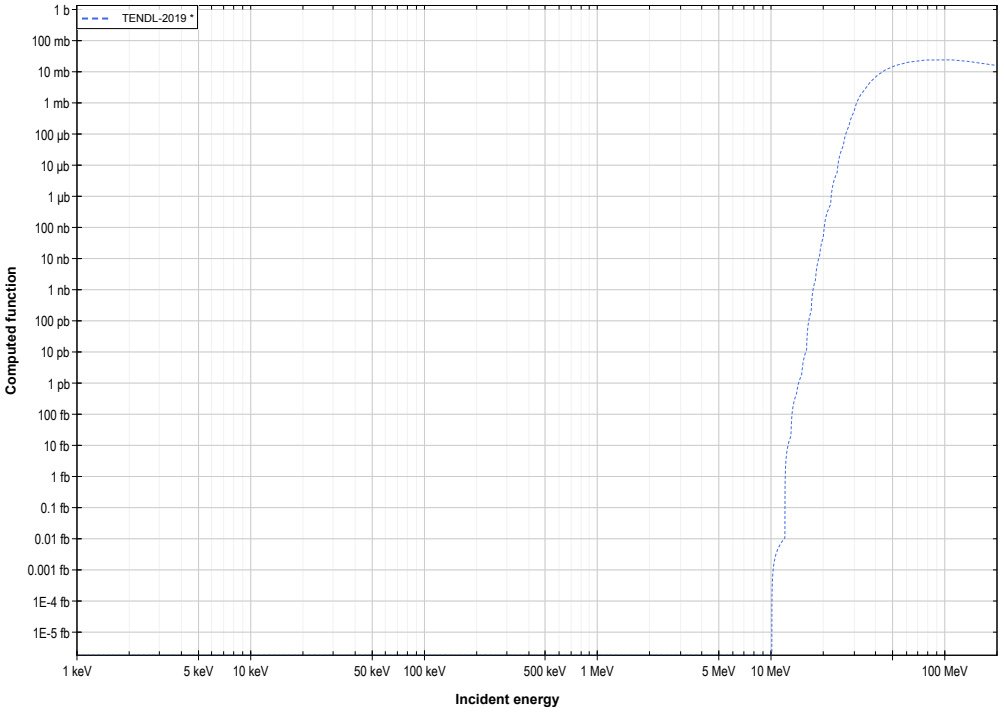
Sn118 (p,4n) or Sb115 production lin-log



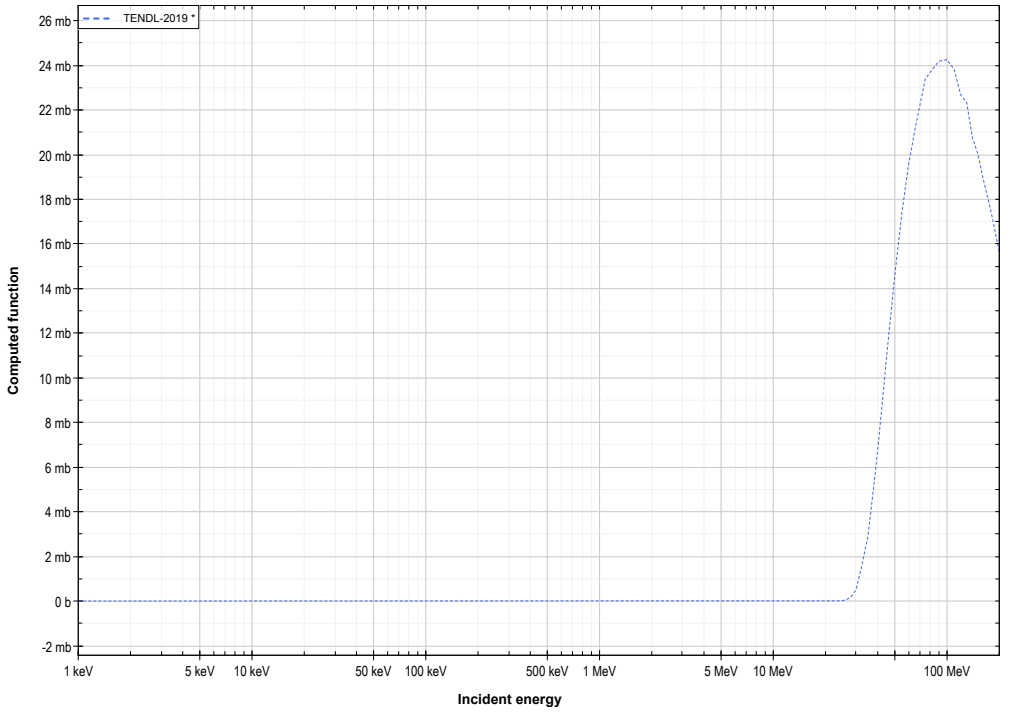
Reaction	Q-Value
Sn118(p,4n)Sb115	-29646.20 keV

<< 50-Sn-112	**50-Sn-118**	52-Te-123 >>
<< MT37 (p,4n)	**MT111 (p,2p) or MT5 (In117 production)**	MT162 (p,5n+p) >>

Sn118 (p,2p) or In117 production log-log



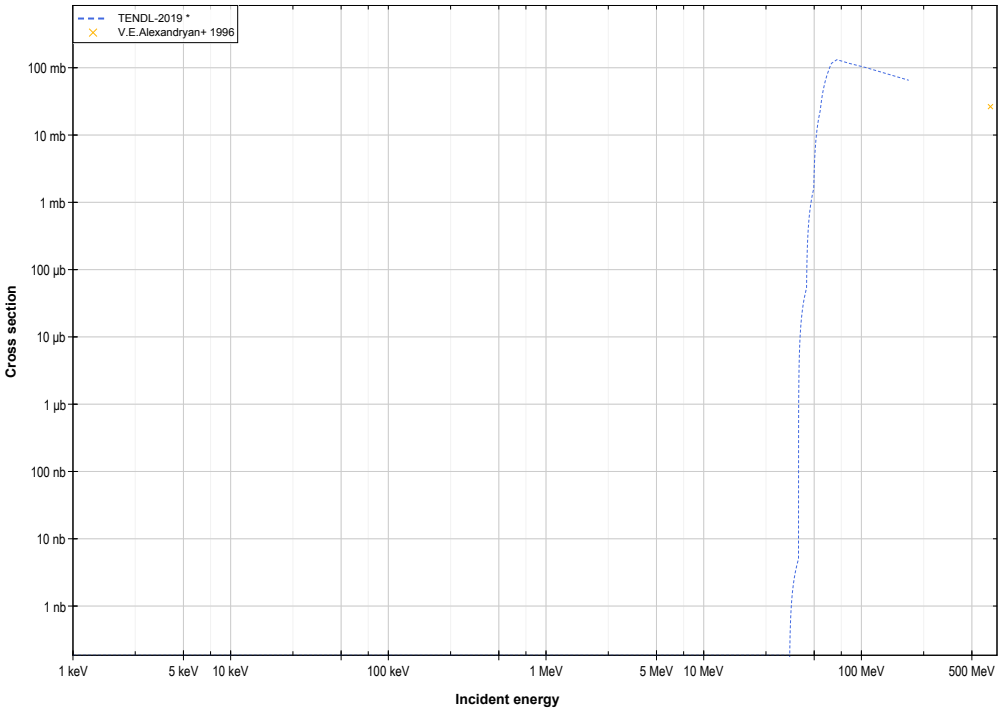
Sn118 (p,2p) or In117 production lin-log



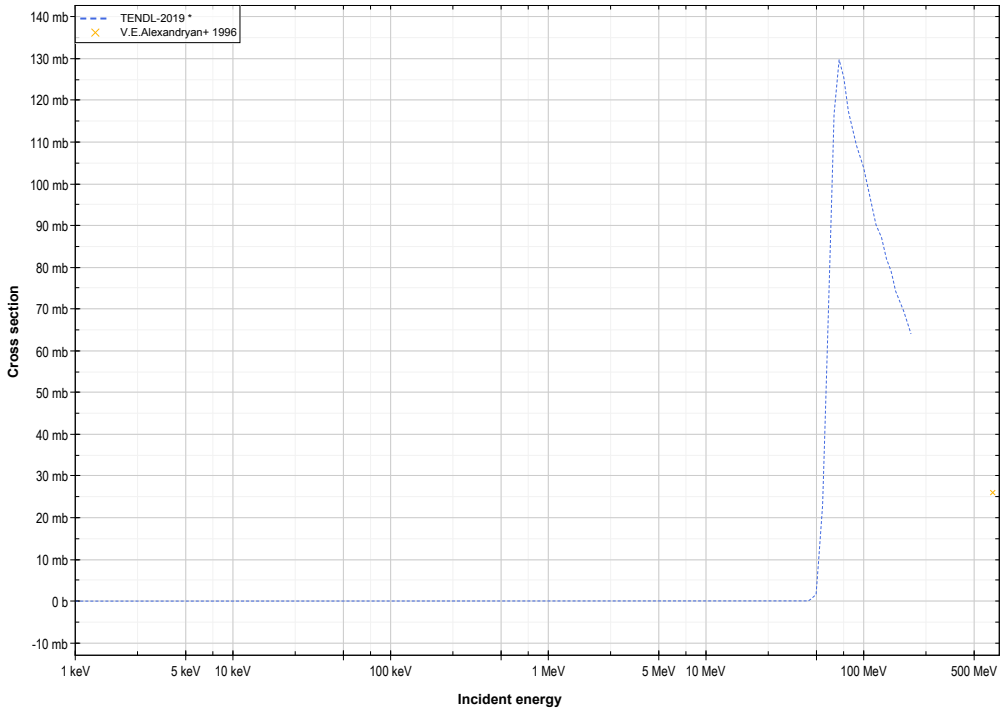
Reaction	Q-Value
Sn118(p,2p)In117	-9998.87 keV

<< 31-Ga-71	**50-Sn-118**	52-Te-123 >>
<< MT111 (p,2p)	**MT162 (p,5n+p) or MT5 (Sn113 production)**	MT166 (p,5n+α) >>

Sn118 (p,5n+p) or Sn113 production log-log



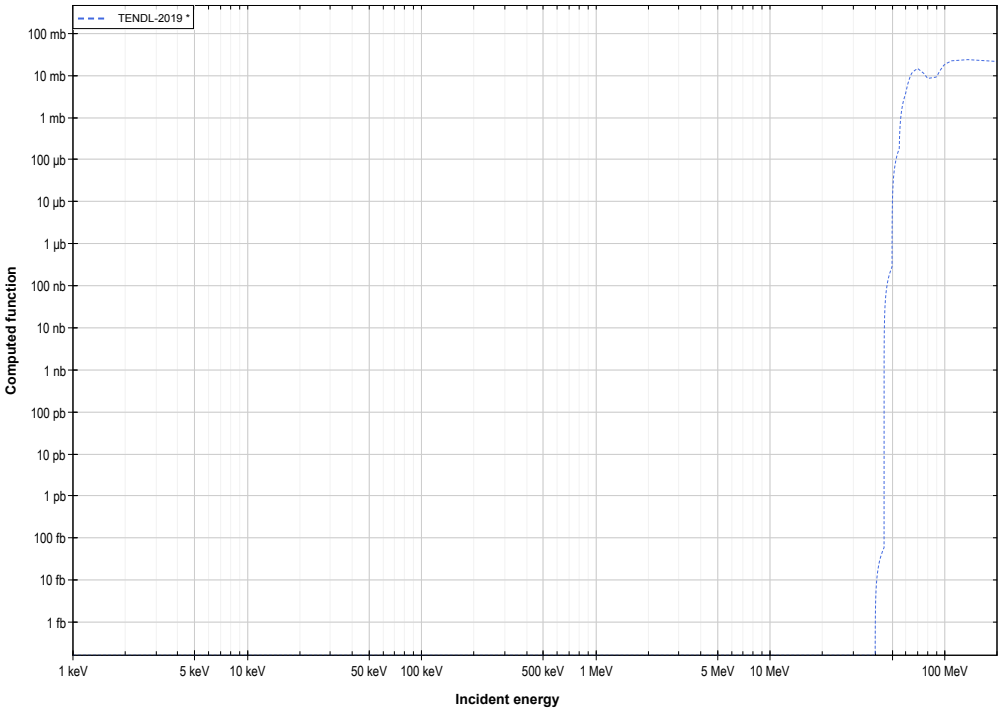
Sn118 (p,5n+p) or Sn113 production lin-log



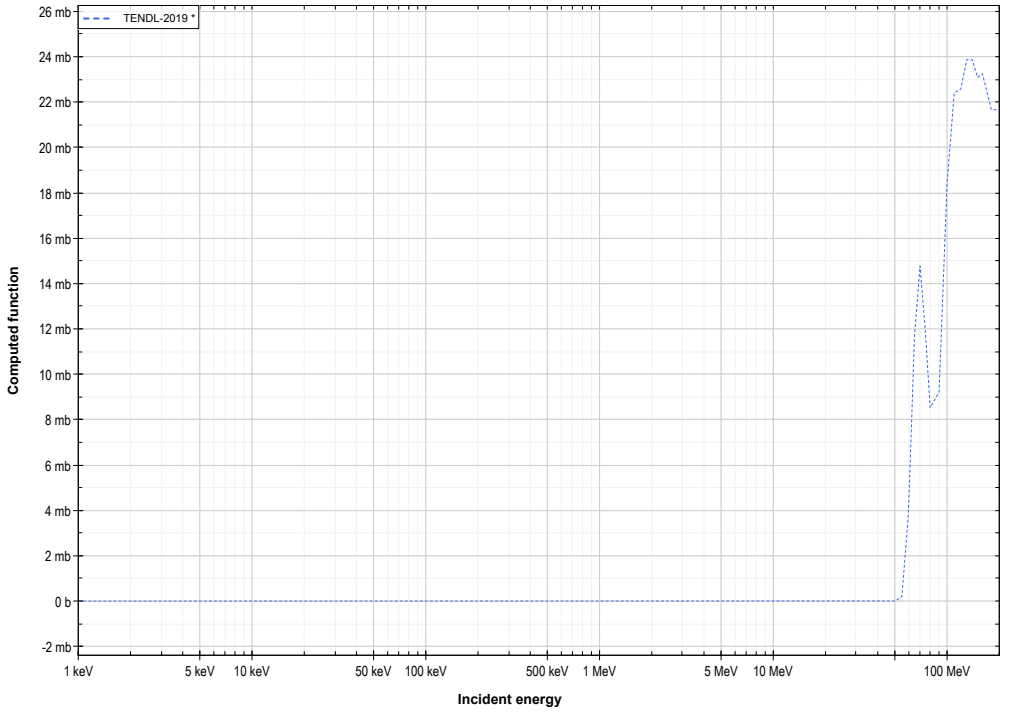
Reaction	Q-Value
Sn118(p,3n+t)Sn113	-35199.59 keV
Sn118(p,4n+d)Sn113	-41456.82 keV
Sn118(p,5n+p)Sn113	-43681.39 keV

<< 29-Cu-65	**50-Sn-118**	53-I-127 >>
<< MT162 (p,5n+p)	**MT166 (p,5n+α) or MT5 (In110 production)**	MT169 (p,4n+d) >>

Sn118 (p,5n+α) or In110 production log-log



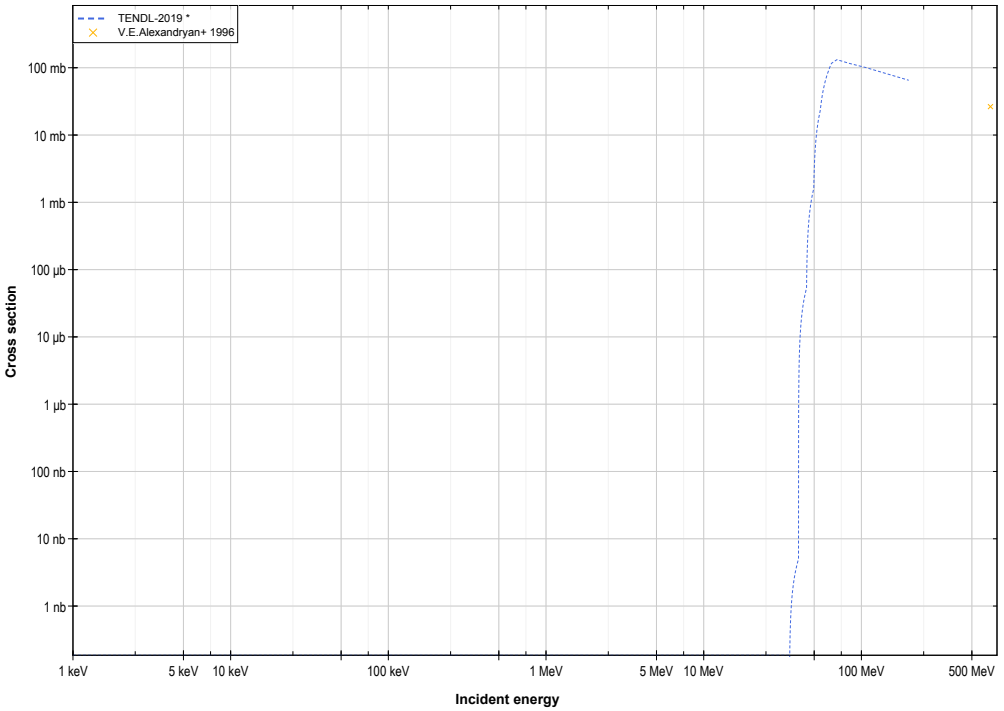
Sn118 (p,5n+α) or In110 production lin-log



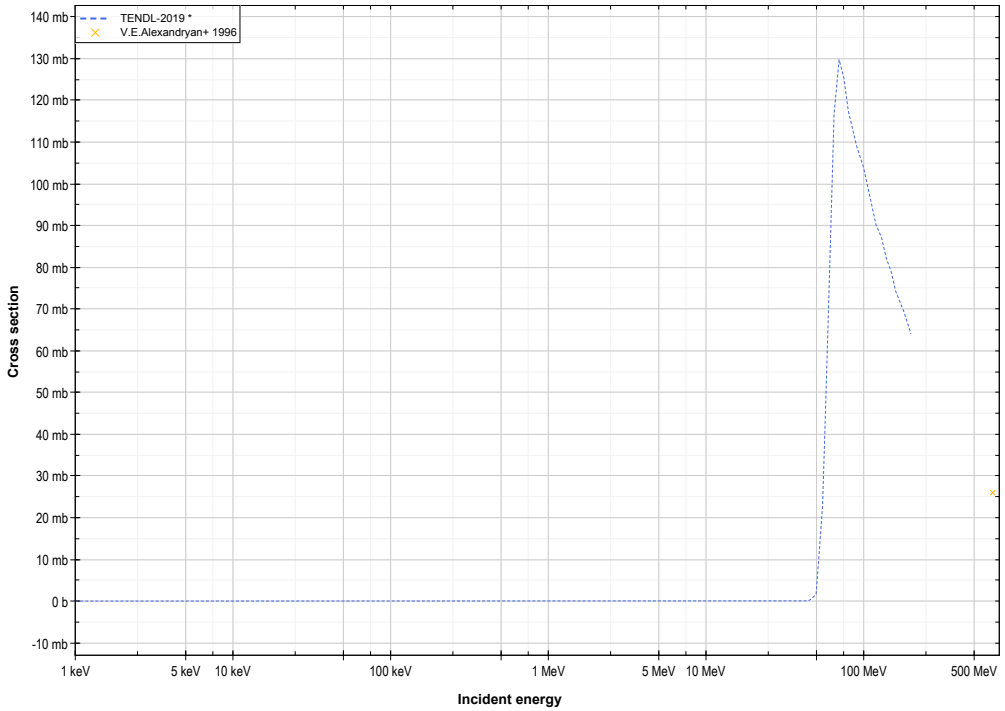
Reaction	Q-Value
Sn118(p,5n+α)In110	-40675.43 keV
Sn118(p,3n+2t)In110	-52007.50 keV
Sn118(p,4n+d+t)In110	-58264.73 keV
Sn118(p,5n+p+t)In110	-60489.30 keV
Sn118(p,6n+He3)In110	-61253.05 keV
Sn118(p,5n+2d)In110	-64521.96 keV
Sn118(p,6n+p+d)In110	-66746.52 keV
Sn118(p,7n+2p)In110	-68971.09 keV

	50-Sn-118	52-Te-123 >>
<< MT166 (p,5n+α)	**MT169 (p,4n+d) or MT5 (Sn113 production)**	MT172 (p,3n+t) >>

Sn118 (p,4n+d) or Sn113 production log-log



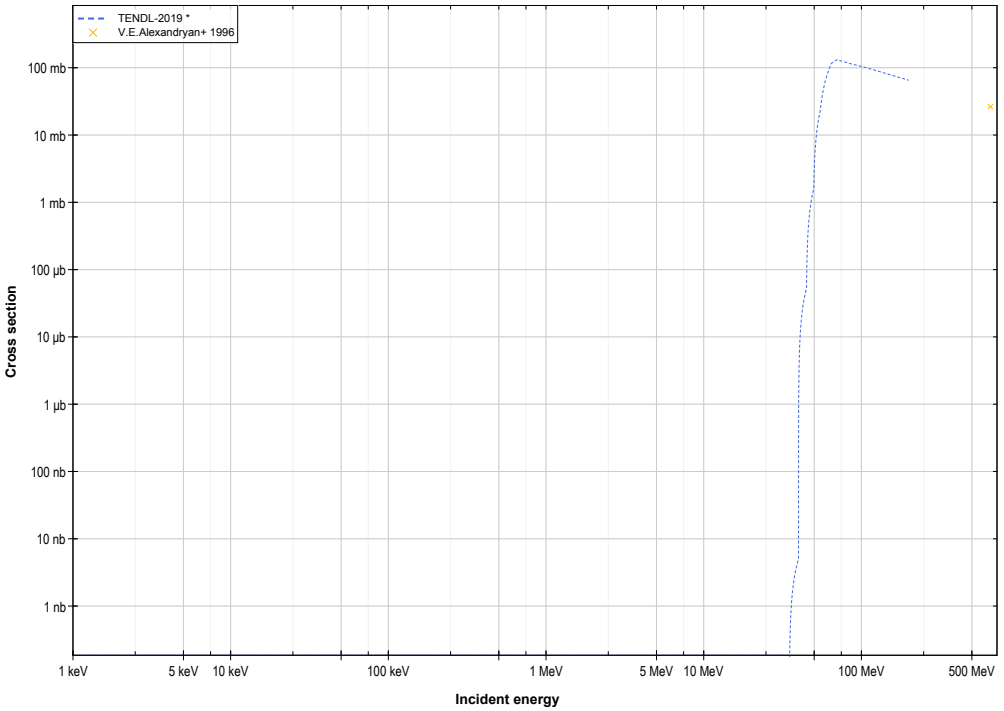
Sn118 (p,4n+d) or Sn113 production lin-log



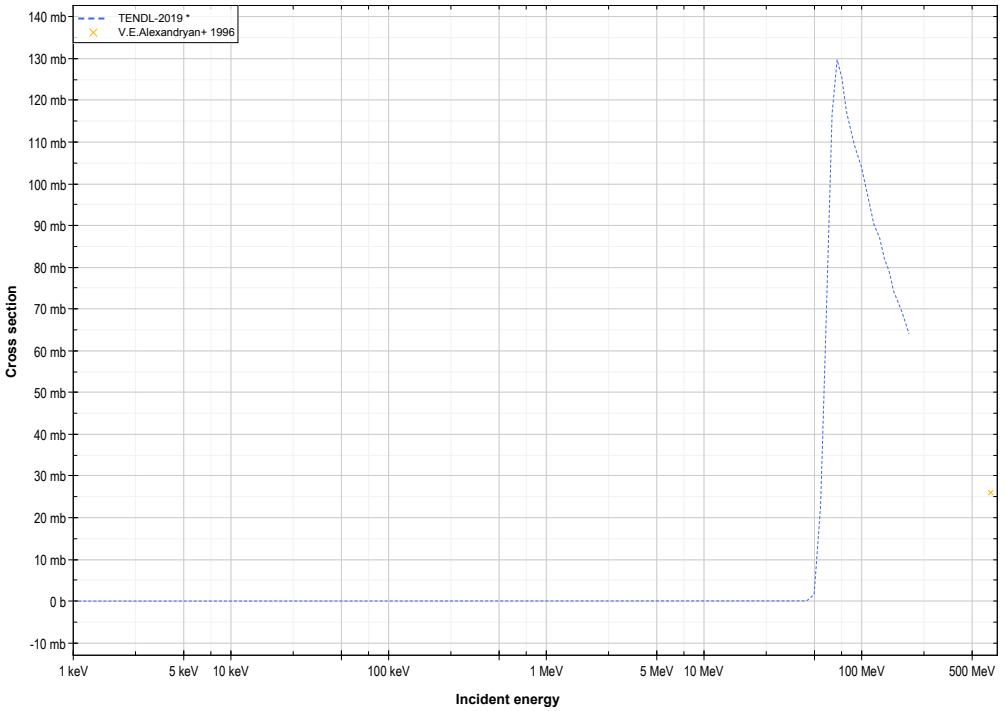
Reaction	Q-Value
Sn118(p,3n+t)Sn113	-35199.59 keV
Sn118(p,4n+d)Sn113	-41456.82 keV
Sn118(p,5n+p)Sn113	-43681.39 keV

	50-Sn-118	52-Te-123 >>
<< MT169 (p,4n+d)	**MT172 (p,3n+t) or MT5 (Sn113 production)**	MT175 (p,6n+t) >>

Sn118 (p,3n+t) or Sn113 production log-log



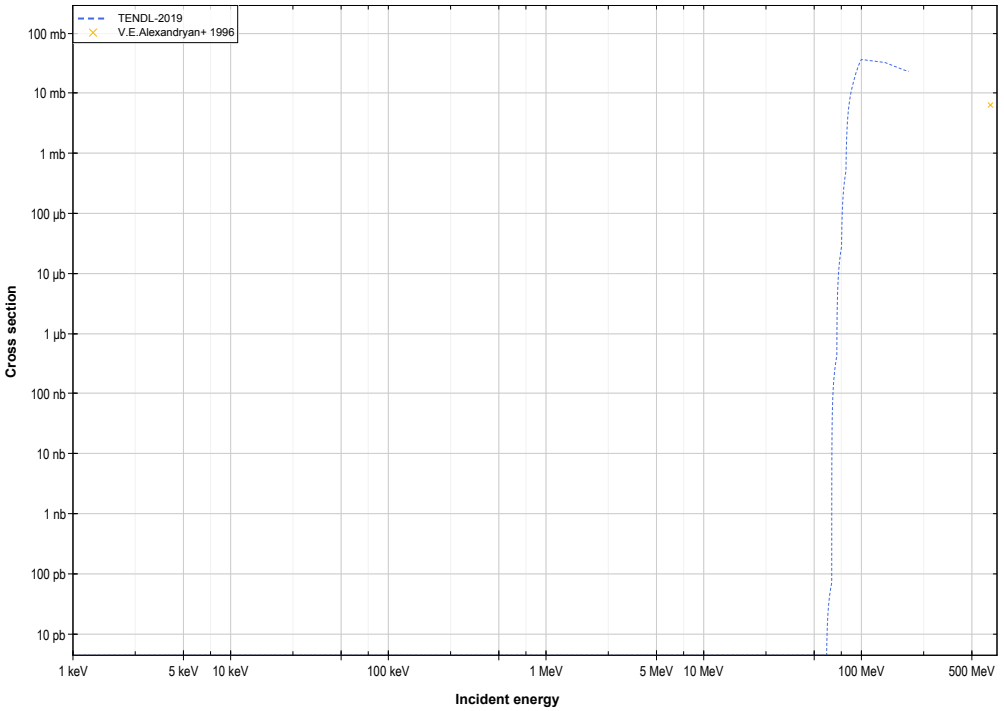
Sn118 (p,3n+t) or Sn113 production lin-log



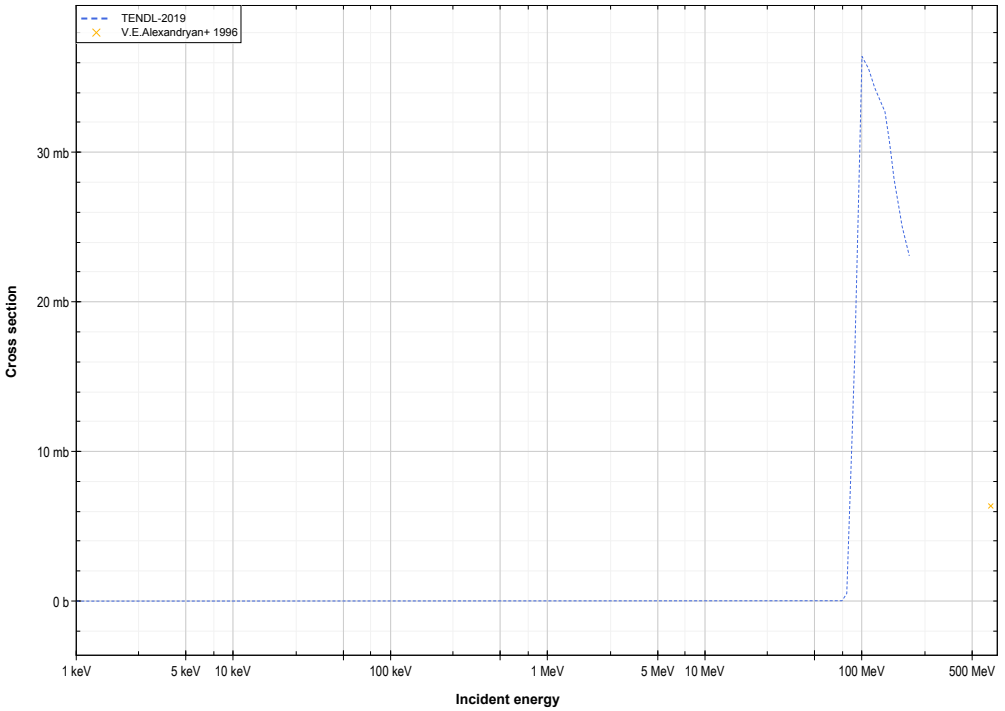
Reaction	Q-Value
Sn118(p,3n+t)Sn113	-35199.59 keV
Sn118(p,4n+d)Sn113	-41456.82 keV
Sn118(p,5n+p)Sn113	-43681.39 keV

	50-Sn-118	
<< MT172 (p,3n+t)	**MT175 (p,6n+t) or MT5 (Sn110 production)**	50-Sn-119 MT4 (p,n) >>

Sn118 (p,6n+t) or Sn110 production log-log



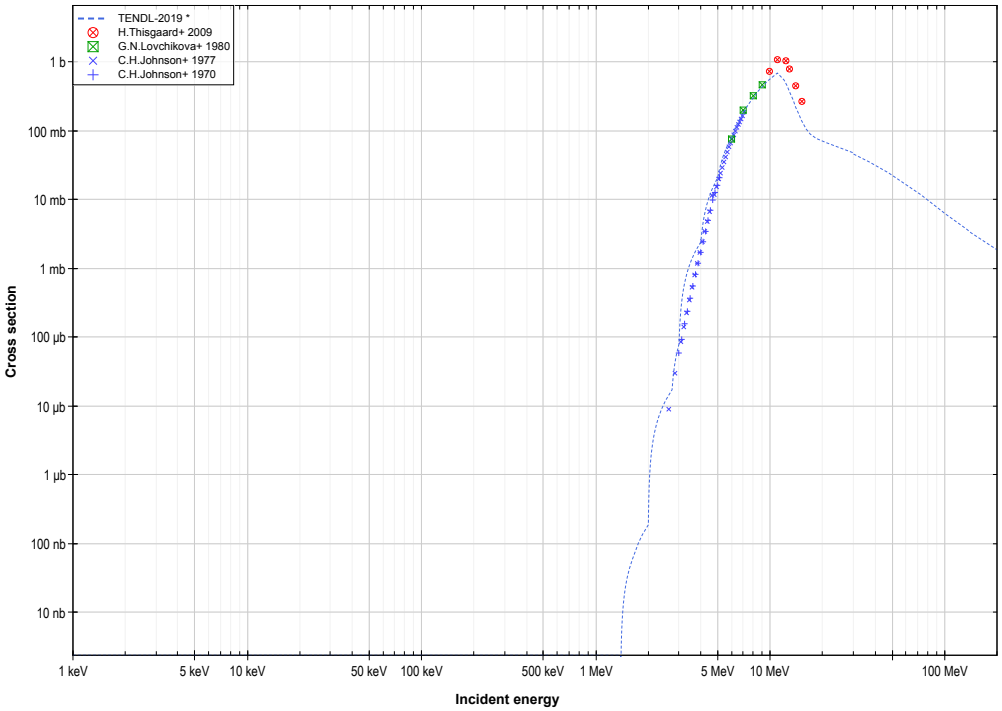
Sn118 (p,6n+t) or Sn110 production lin-log



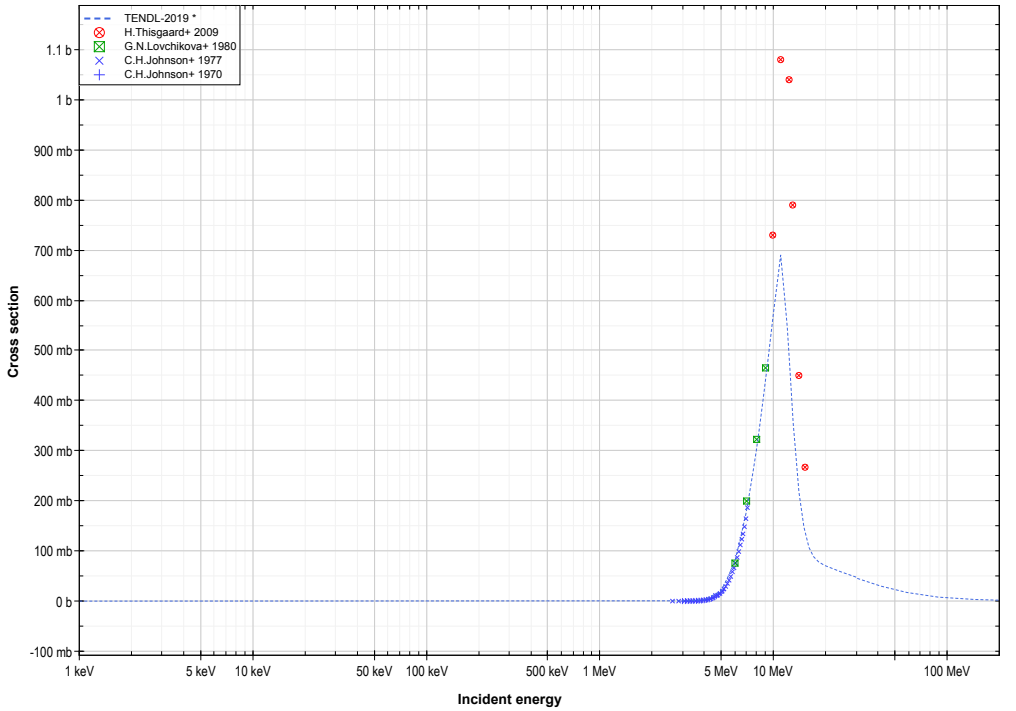
Reaction	Q-Value
Sn118(p,6n+t)Sn110	-61899.64 keV
Sn118(p,7n+d)Sn110	-68156.87 keV
Sn118(p,8n+p)Sn110	-70381.44 keV

<< 50-Sn-118	**50-Sn-119**	50-Sn-120 >>
<< 50-Sn-118 MT175 (p,6n+t)	**MT4 (p,n) or MT5 (Sb119 production)**	MT16 (p,2n) >>

Sn119 (p,n) or Sb119 production log-log



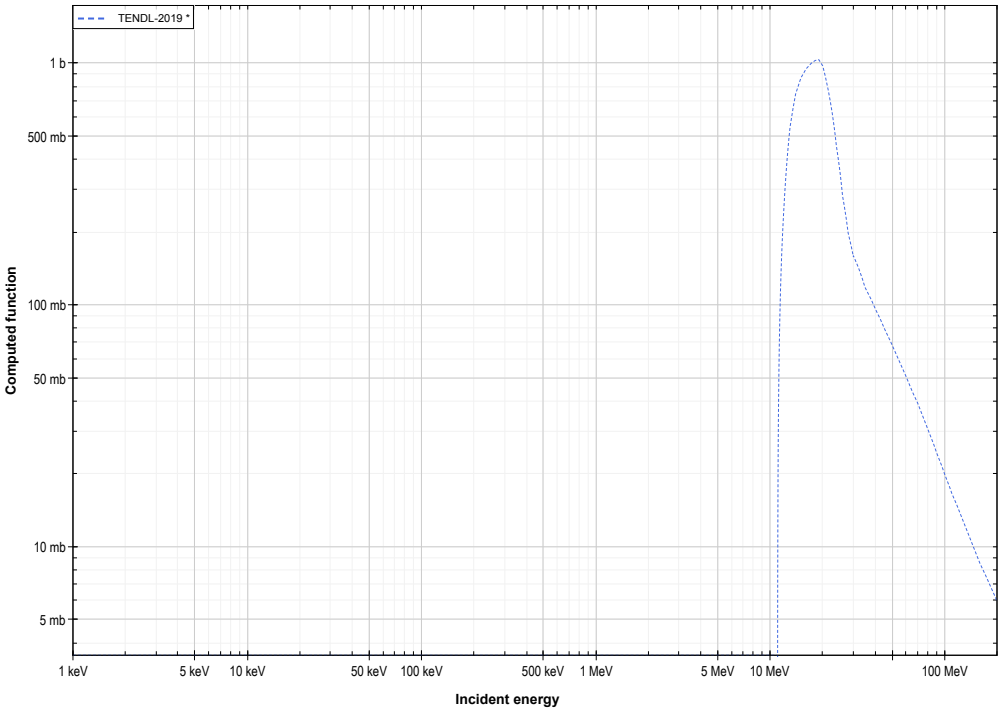
Sn119 (p,n) or Sb119 production lin-log



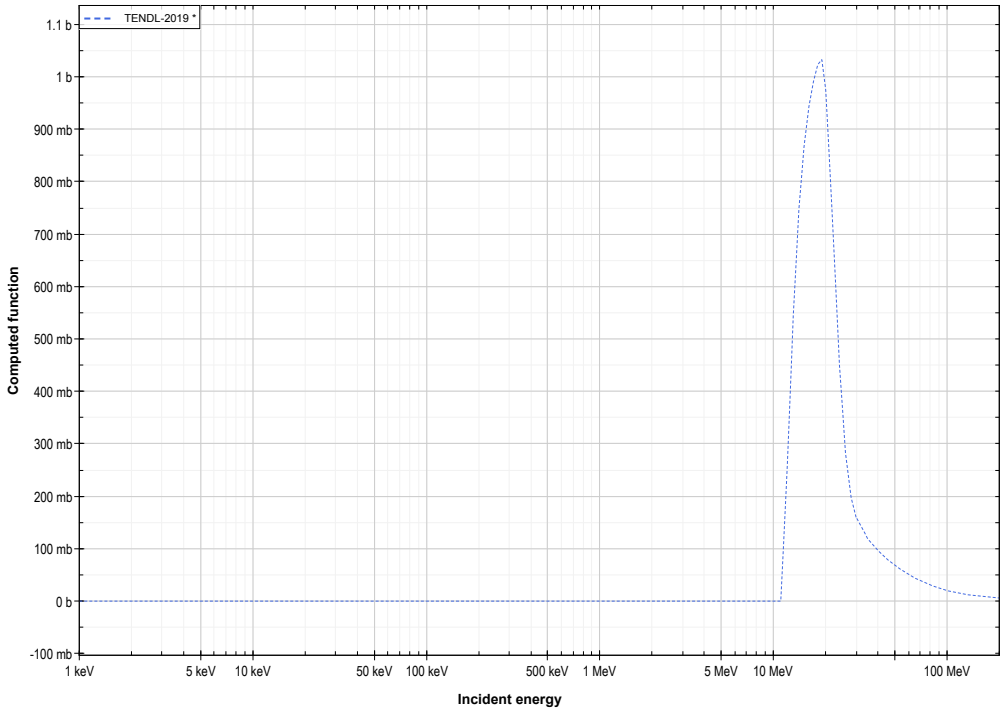
Reaction	Q-Value
Sn119(p,n)Sb119	-1373.35 keV

<< 50-Sn-118	**50-Sn-119**	52-Te-120 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Sb118 production)**	50-Sn-120 MT4 (p,n) >>

Sn119 (p,2n) or Sb118 production log-log



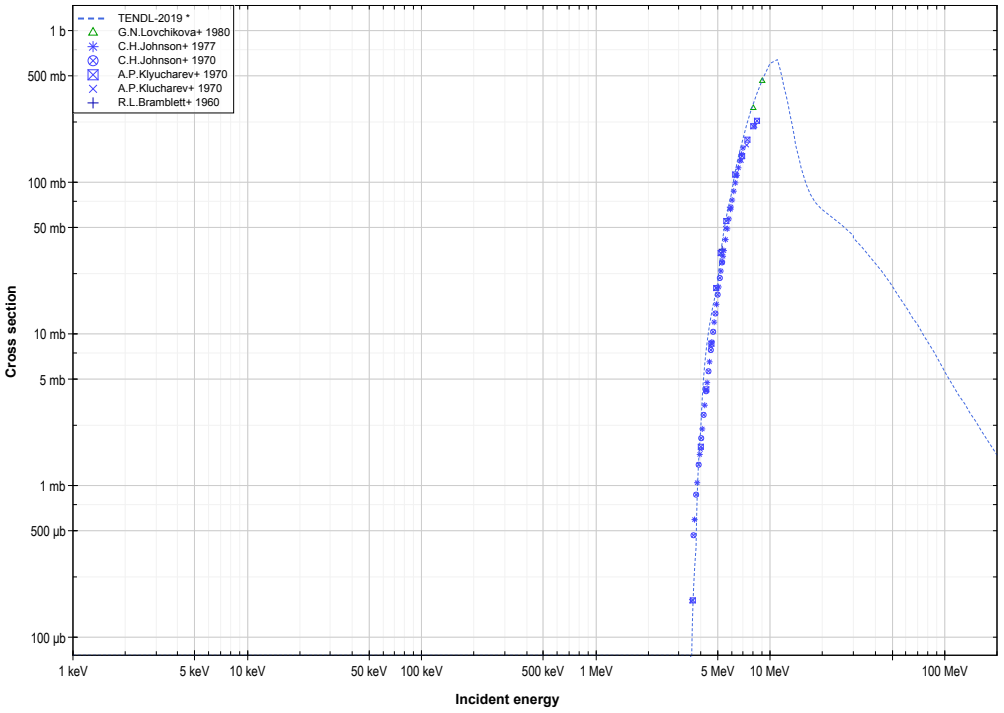
Sn119 (p,2n) or Sb118 production lin-log



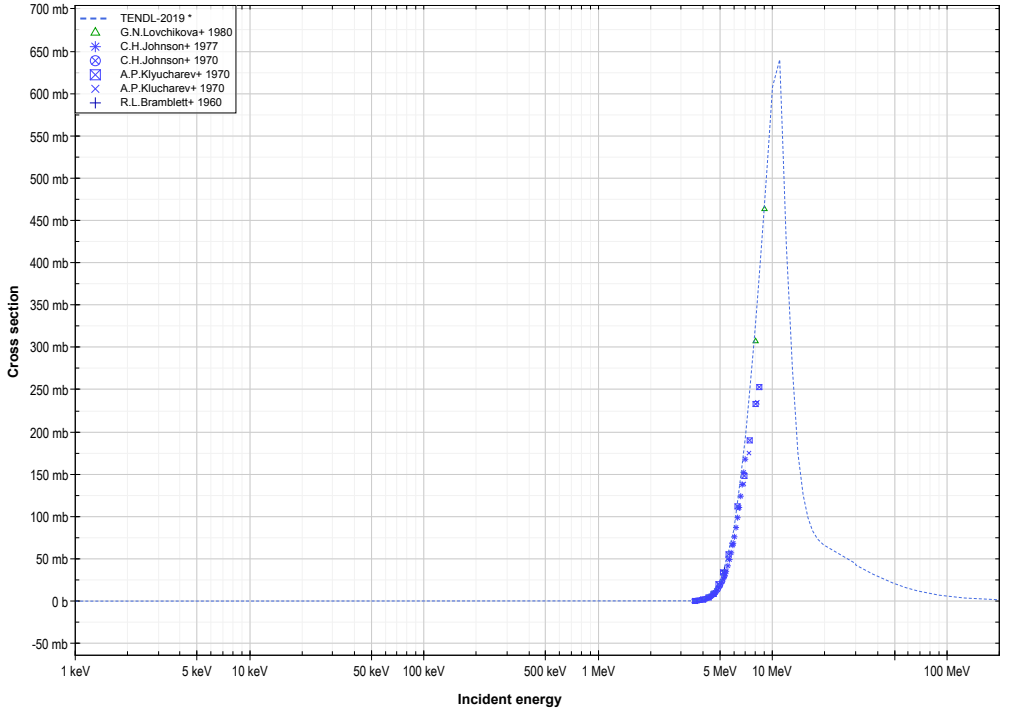
Reaction	Q-Value
Sn119(p,2n)Sb118	-10922.66 keV

<< 50-Sn-119	**50-Sn-120**	50-Sn-122 >>
<< 50-Sn-119 MT16 (p,2n)	**MT4 (p,n) or MT5 (Sb120 production)**	MT107 (p,α) >>

Sn120 (p,n) or Sb120 production log-log



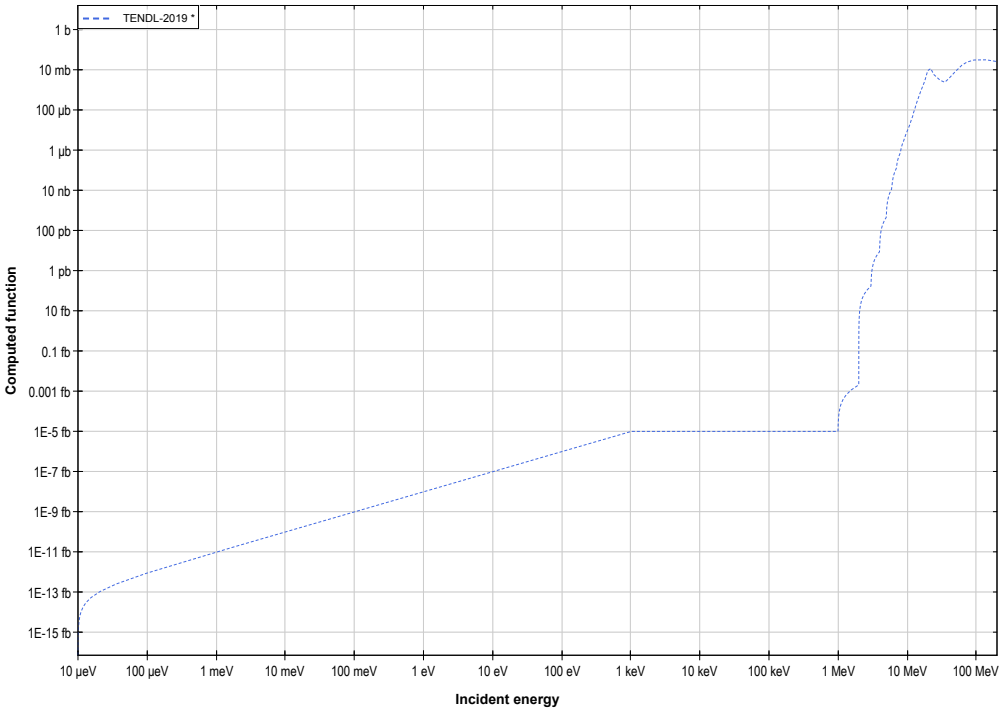
Sn120 (p,n) or Sb120 production lin-log



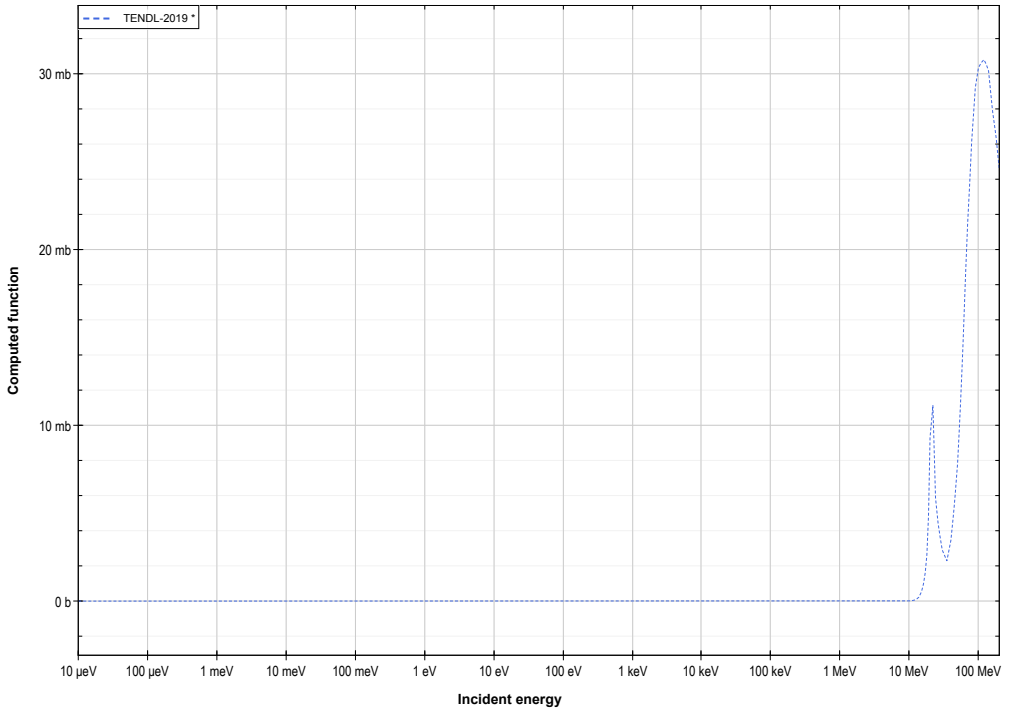
Reaction	Q-Value
Sn120(p,n)Sb120	-3462.75 keV

<< 48-Cd-114	**50-Sn-120**	52-Te-125 >>
<< MT4 (p,n)	**MT107 (p,α) or MT5 (In117 production)**	50-Sn-122 MT4 (p,n) >>

Sn120 (p,α) or In117 production log-log



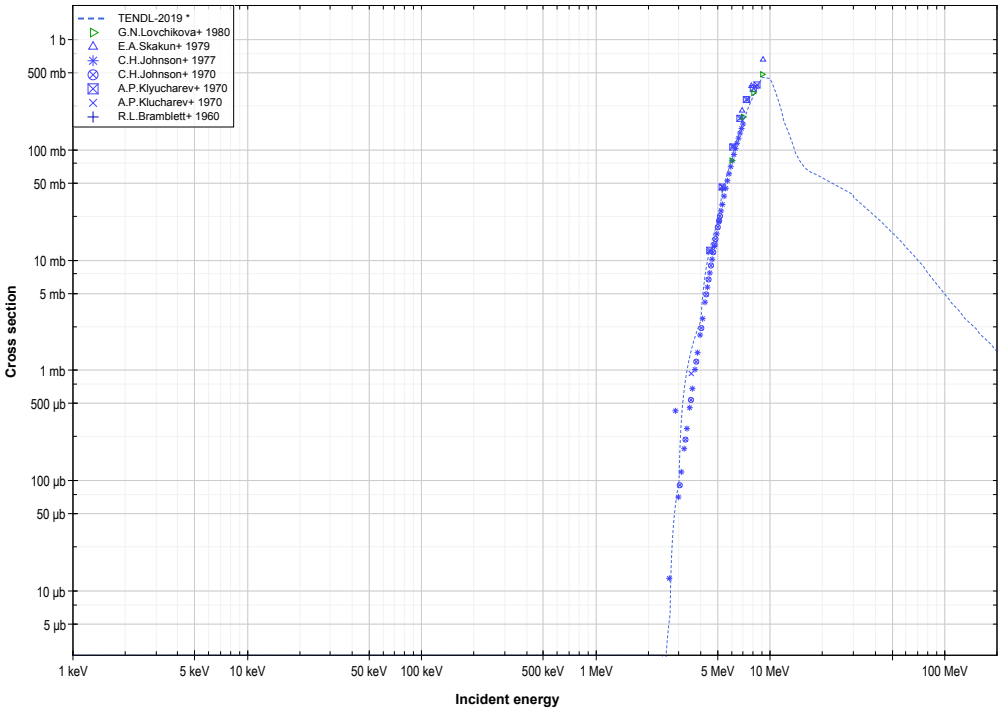
Sn120 (p,α) or In117 production lin-log



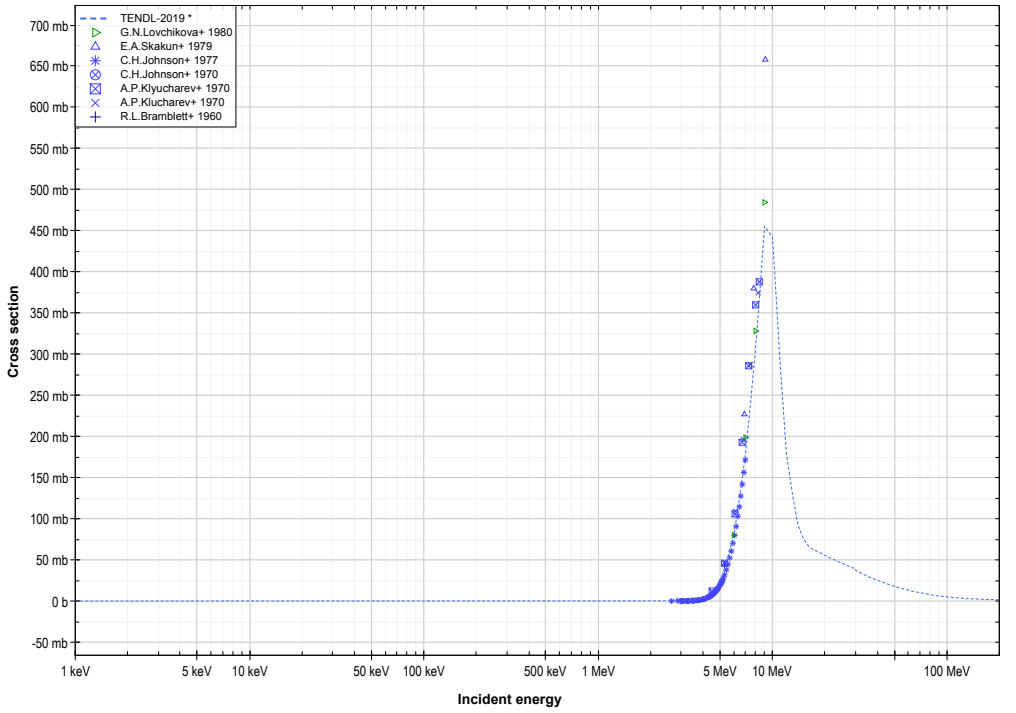
Reaction	Q-Value
Sn120(p,α)In117	2708.65 keV
Sn120(p,p+t)In117	-17105.21 keV
Sn120(p,n+He3)In117	-17868.96 keV
Sn120(p,2d)In117	-21137.87 keV
Sn120(p,n+p+d)In117	-23362.44 keV
Sn120(p,2n+2p)In117	-25587.00 keV

<< 50-Sn-120	**50-Sn-122**	50-Sn-124 >>
<< 50-Sn-120 MT107 (p,α)	**MT4 (p,n) or MT5 (Sb122 production)**	50-Sn-124 MT4 (p,n) >>

Sn122 (p,n) or Sb122 production log-log



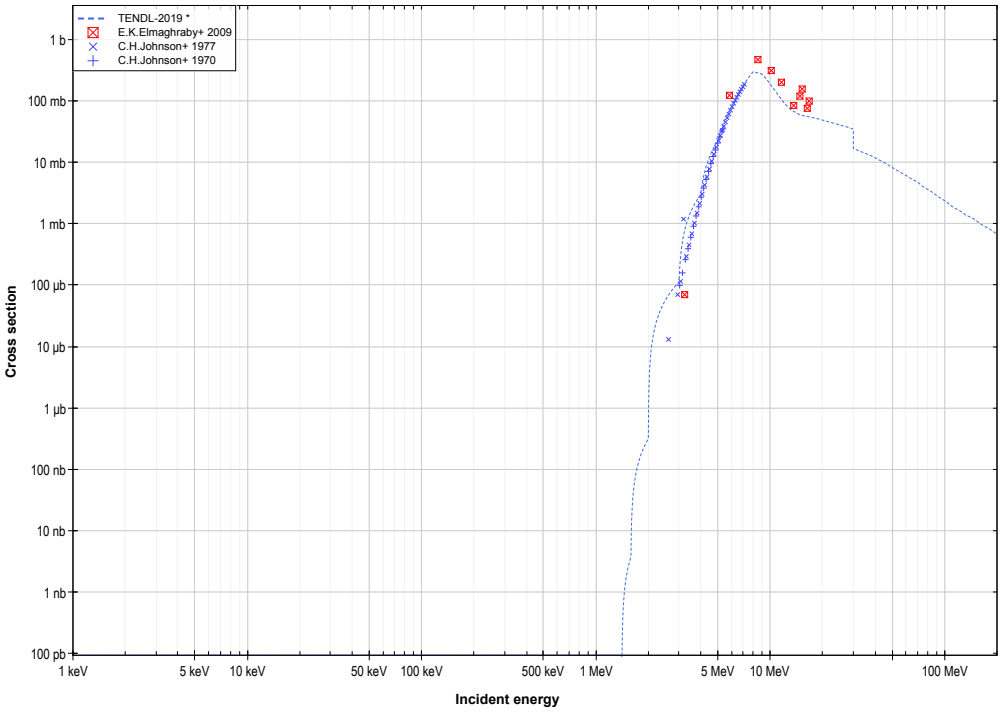
Sn122 (p,n) or Sb122 production lin-log



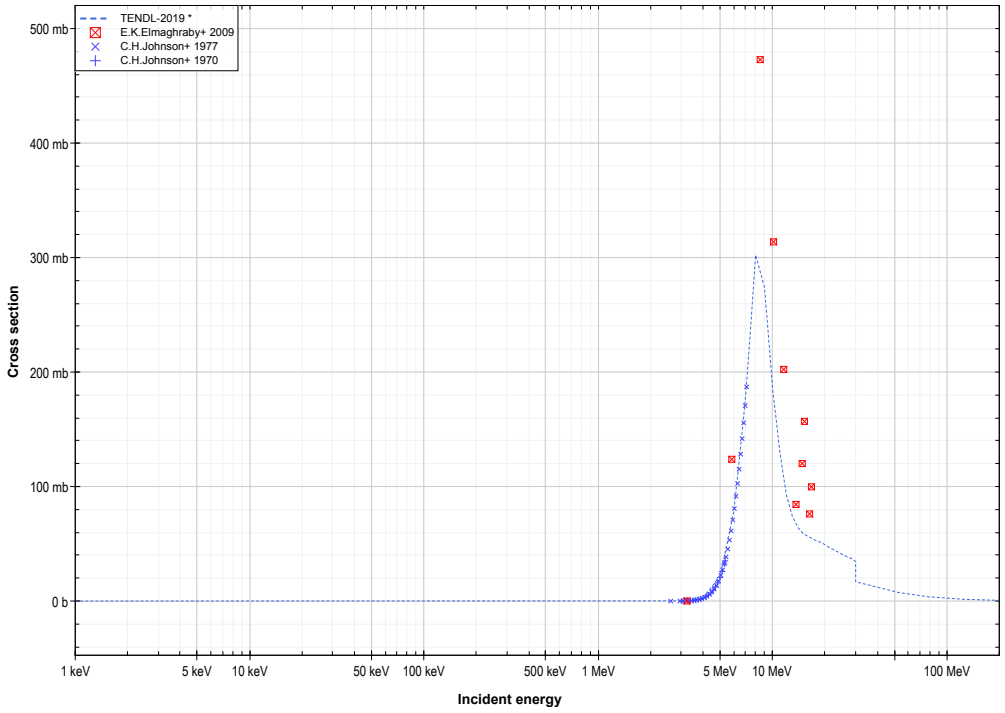
Reaction	Q-Value
Sn122(p,n)Sb122	-2388.25 keV

<< 50-Sn-122	**50-Sn-124**	51-Sb-121 >>
<< 50-Sn-122 MT4 (p,n)	**MT4 (p,n) or MT5 (Sb124 production)**	MT17 (p,3n) >>

Sn124 (p,n) or Sb124 production log-log



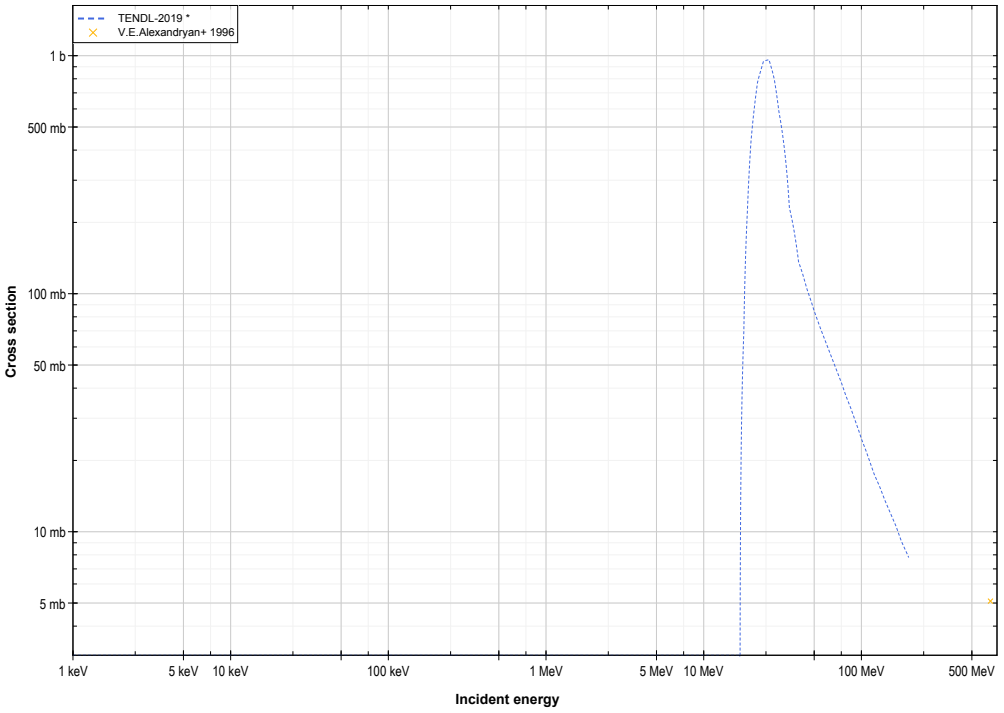
Sn124 (p,n) or Sb124 production lin-log



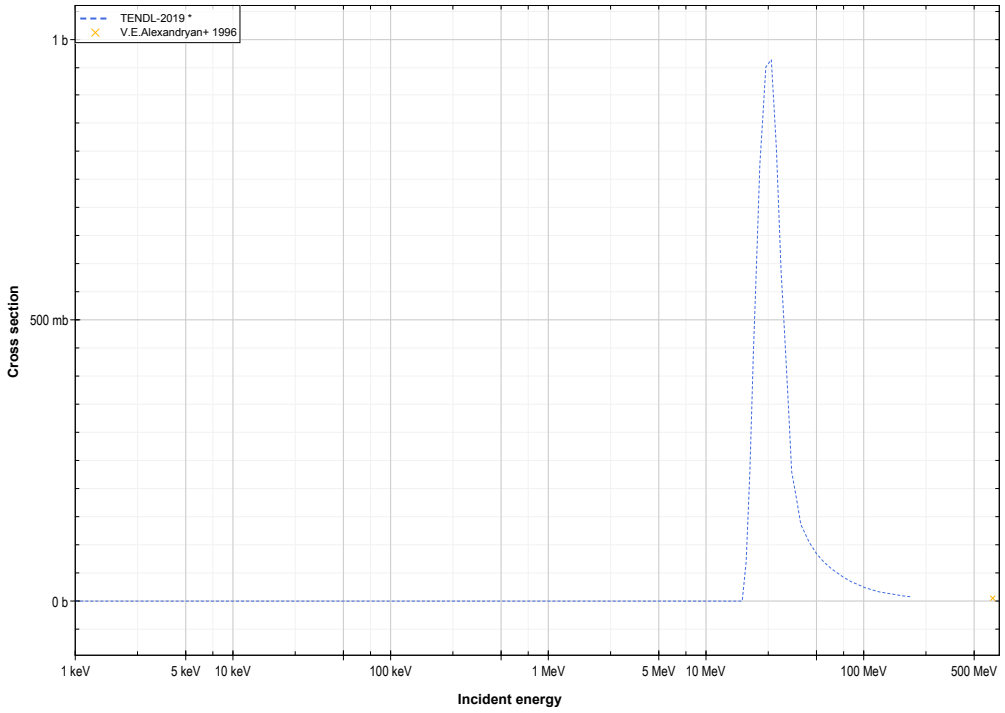
Reaction	Q-Value
Sn124(p,n)Sb124	-1396.35 keV

<< 50-Sn-118	**50-Sn-124**	52-Te-122 >>
<< MT4 (p,n)	**MT17 (p,3n) or MT5 (Sb122 production)**	MT28 (p,n+p) >>

Sn124 (p,3n) or Sb122 production log-log



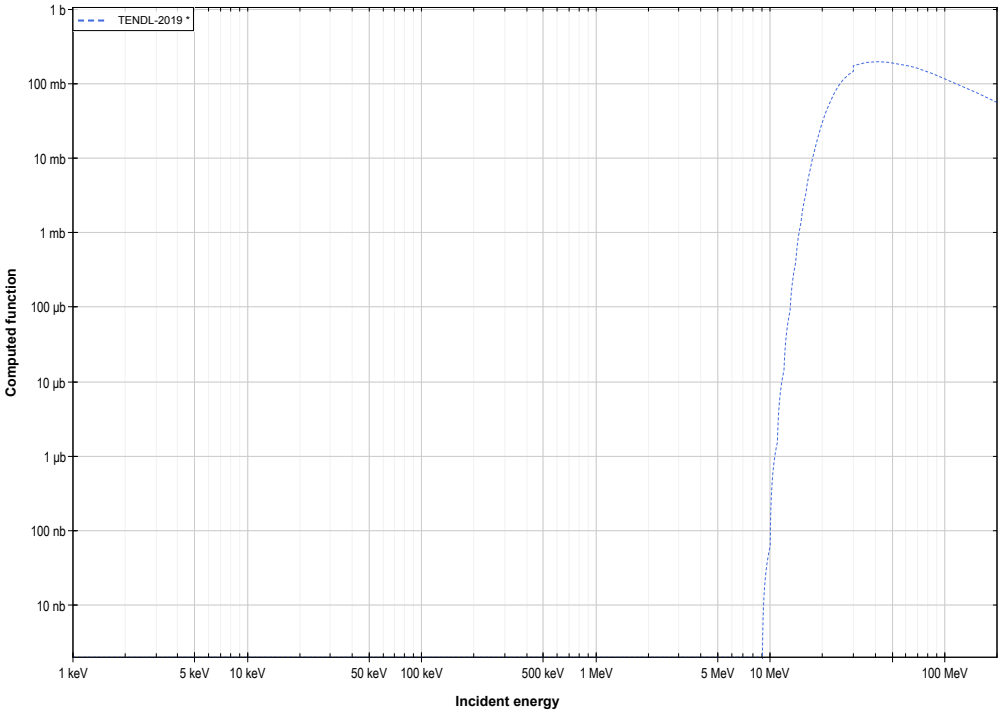
Sn124 (p,3n) or Sb122 production lin-log



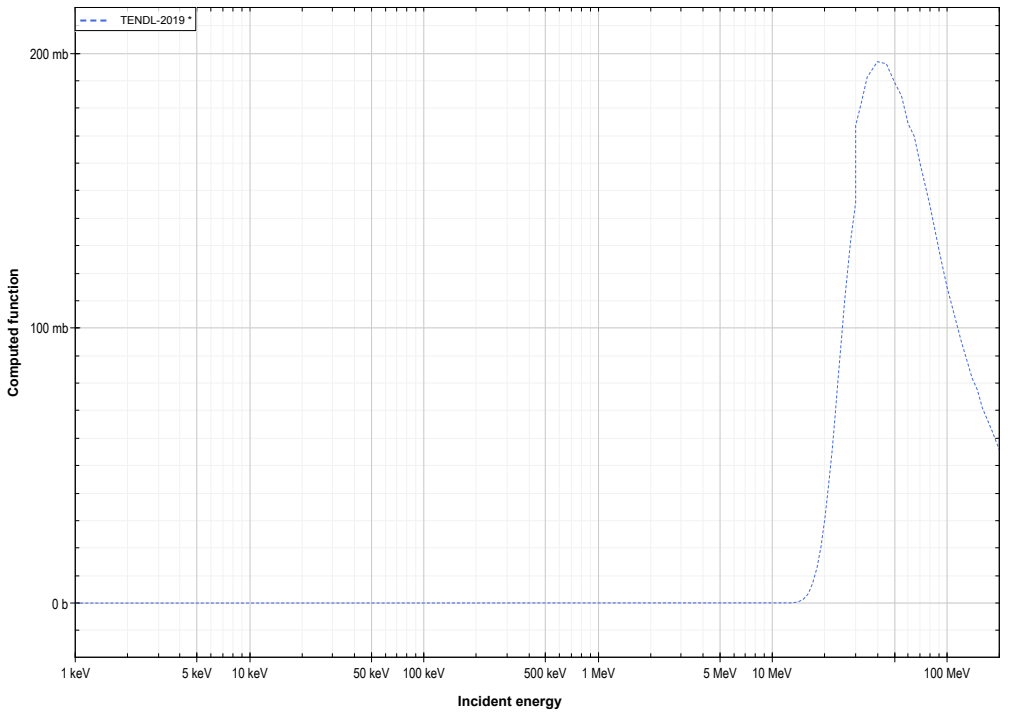
Reaction	Q-Value
Sn124(p,3n)Sb122	-16823.78 keV

<< 48-Cd-116	**50-Sn-124**	51-Sb-123 >>
<< MT17 (p,3n)	**MT28 (p,n+p) or MT5 (Sn123 production)**	MT104 (p,d) >>

Sn124 (p,n+p) or Sn123 production log-log



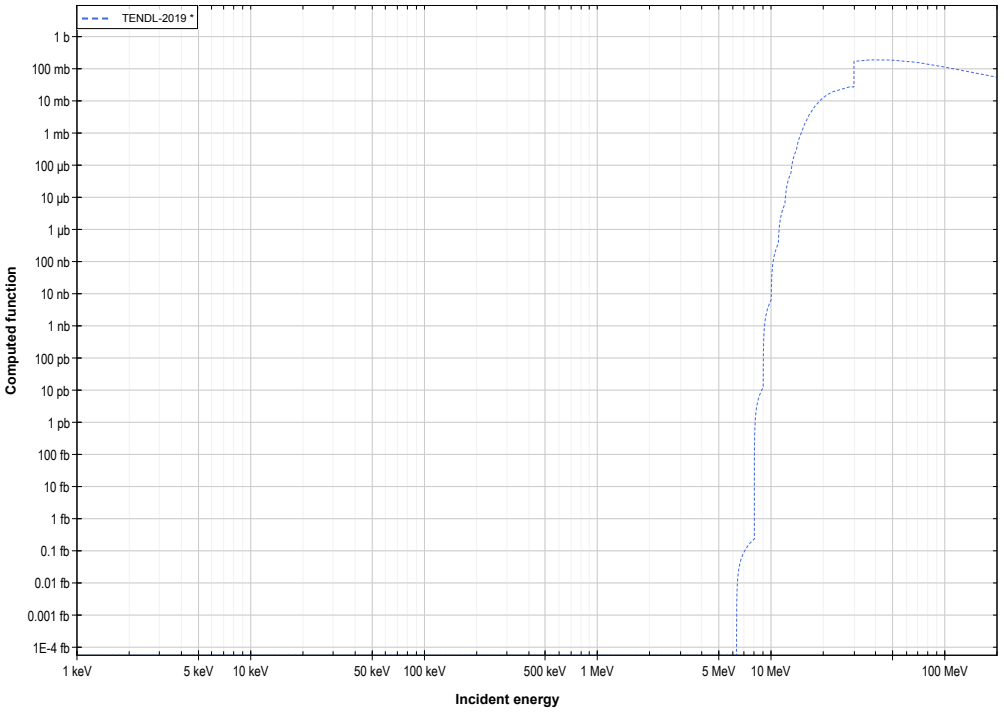
Sn124 (p,n+p) or Sn123 production lin-log



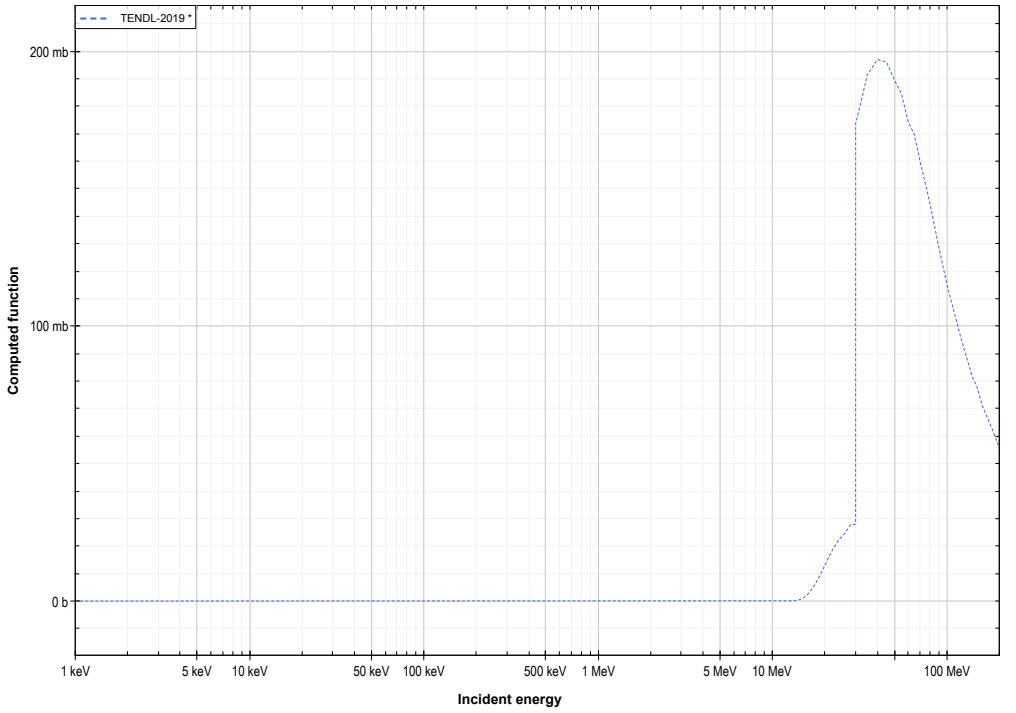
Reaction	Q-Value
Sn124(p,d)Sn123	-6264.75 keV
Sn124(p,n+p)Sn123	-8489.32 keV

<< 48-Cd-116	**50-Sn-124**	53-I-127 >>
<< MT28 (p,n+p)	**MT104 (p,d) or MT5 (Sn123 production)**	MT152 (p,5n) >>

Sn124 (p,d) or Sn123 production log-log



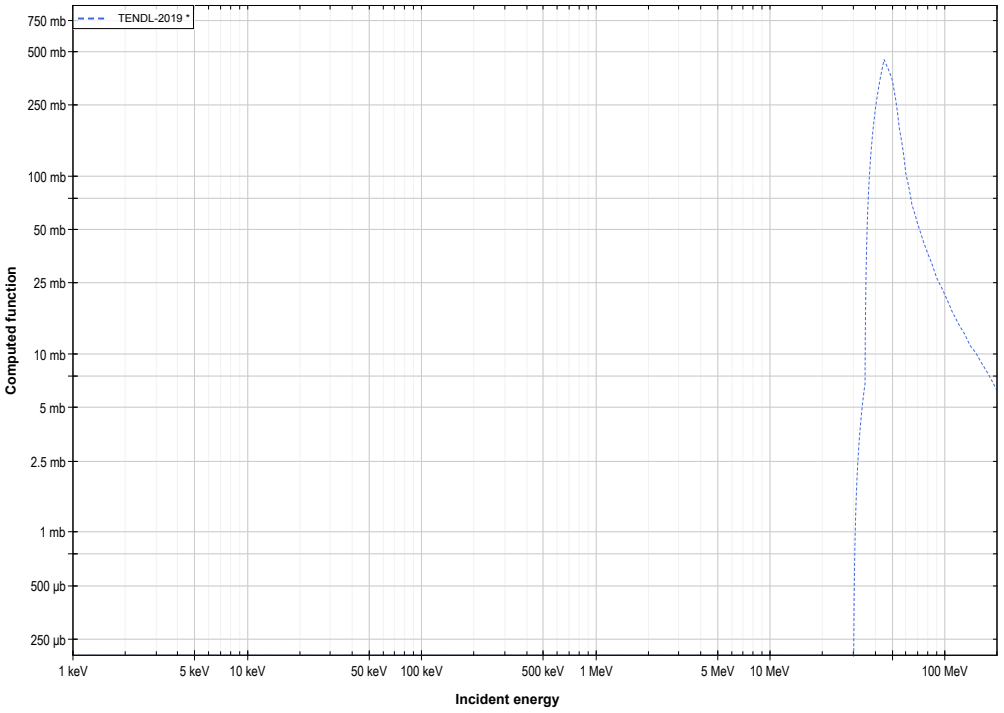
Sn124 (p,d) or Sn123 production lin-log



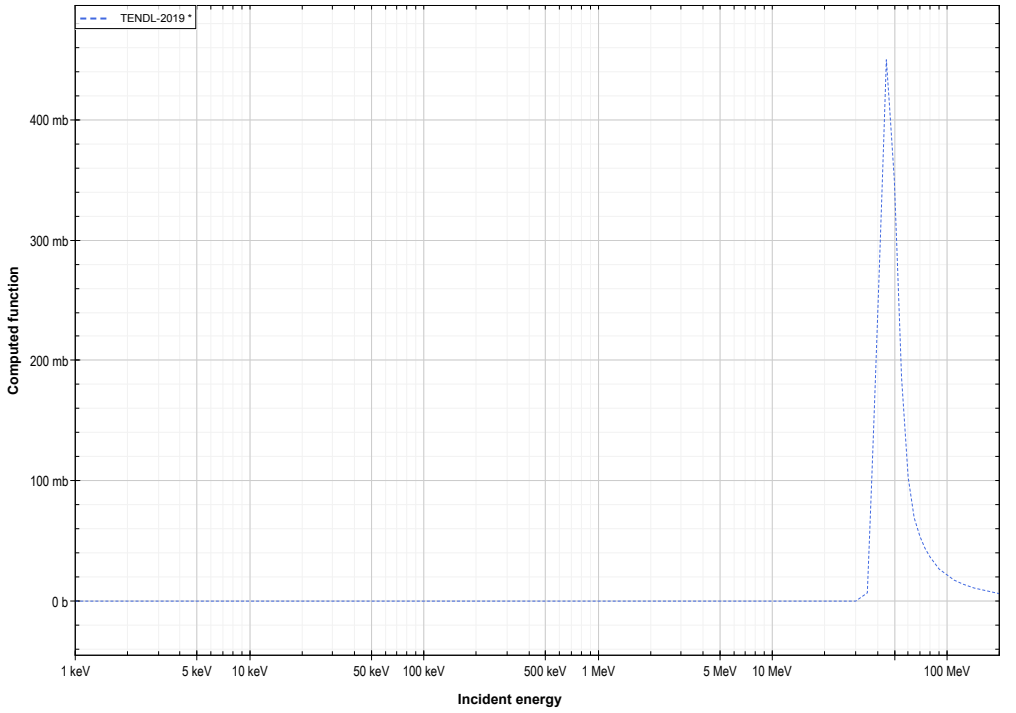
Reaction	Q-Value
Sn124(p,d)Sn123	-6264.75 keV
Sn124(p,n+p)Sn123	-8489.32 keV

<< 38-Sr-88	**50-Sn-124**	52-Te-125 >>
<< MT104 (p,d)	**MT152 (p,5n) or MT5 (Sb120 production)**	MT160 (p,7n) >>

Sn124 (p,5n) or Sb120 production log-log



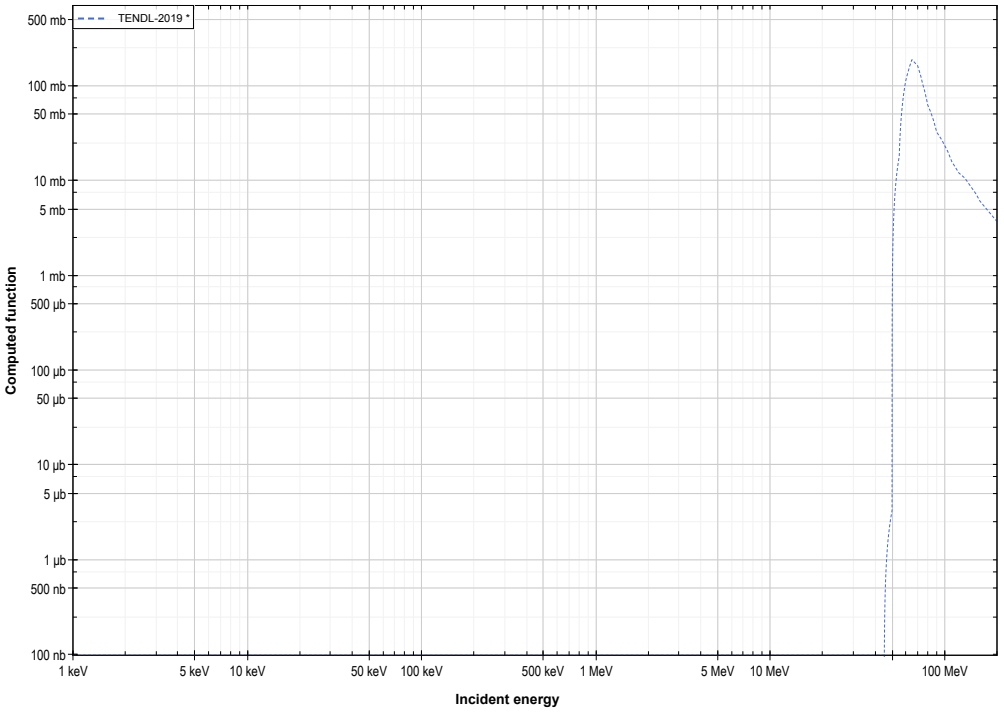
Sn124 (p,5n) or Sb120 production lin-log



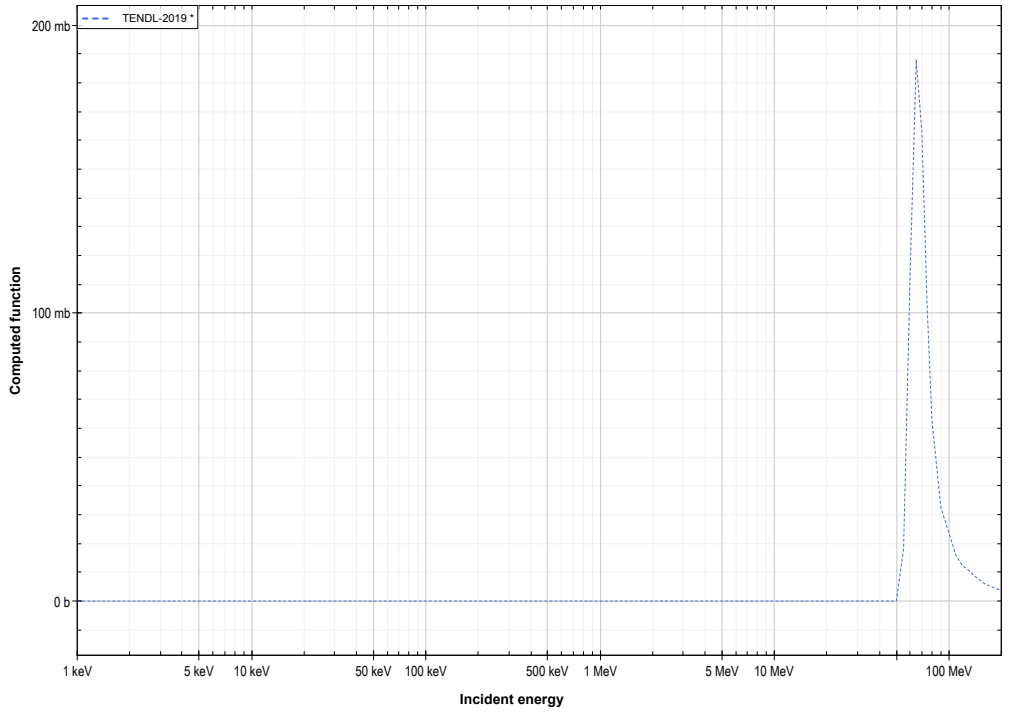
Reaction	Q-Value
Sn124(p,5n)Sb120	-32883.81 keV

	50-Sn-124	52-Te-125 >>
<< MT152 (p,5n)	**MT160 (p,7n) or MT5 (Sb118 production)**	MT165 (p,4n+α) >>

Sn124 (p,7n) or Sb118 production log-log



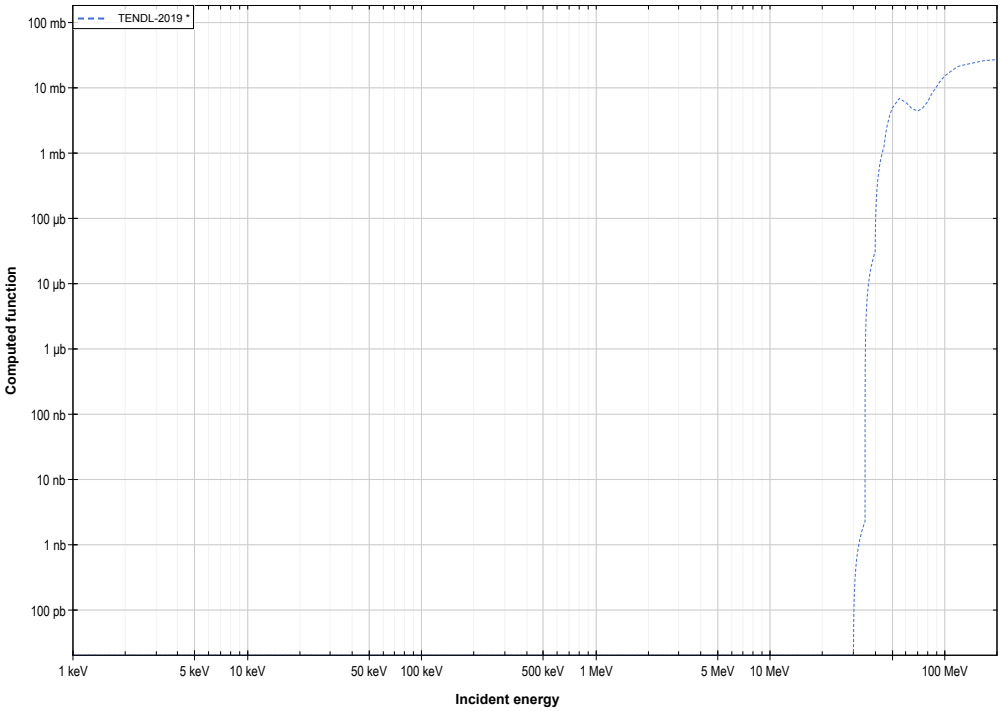
Sn124 (p,7n) or Sb118 production lin-log



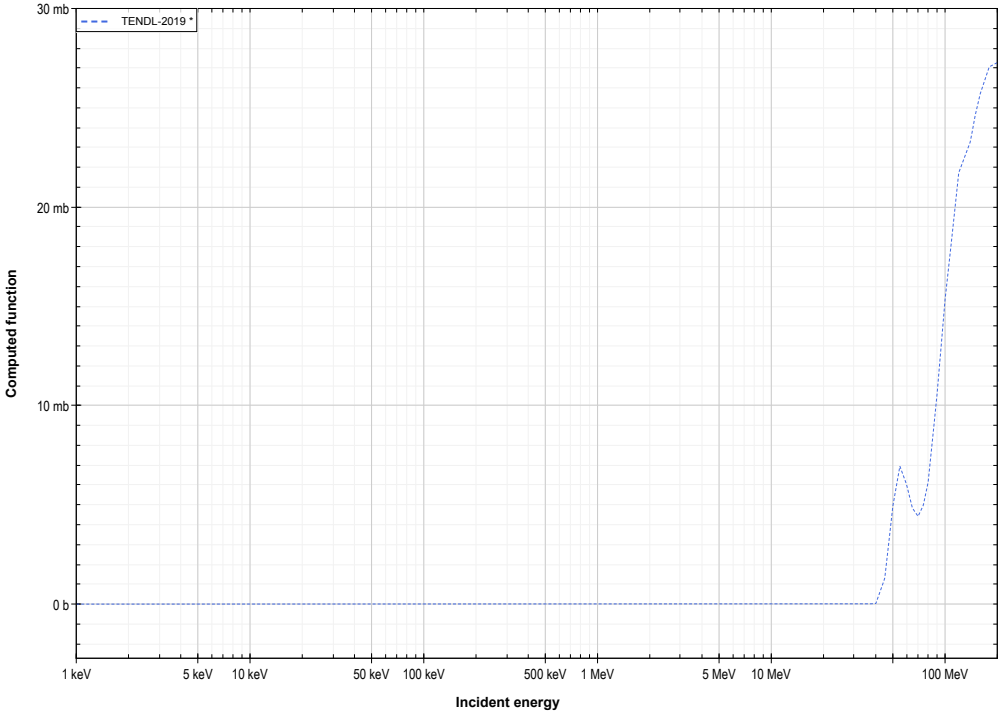
Reaction	Q-Value
Sn124(p,7n)Sb118	-49448.45 keV

<< 41-Nb-93	**50-Sn-124**	52-Te-126 >>
<< MT160 (p,7n)	**MT165 (p,4n+α) or MT5 (In117 production)**	51-Sb-121 MT4 (p,n) >>

Sn124 (p,4n+α) or In117 production log-log



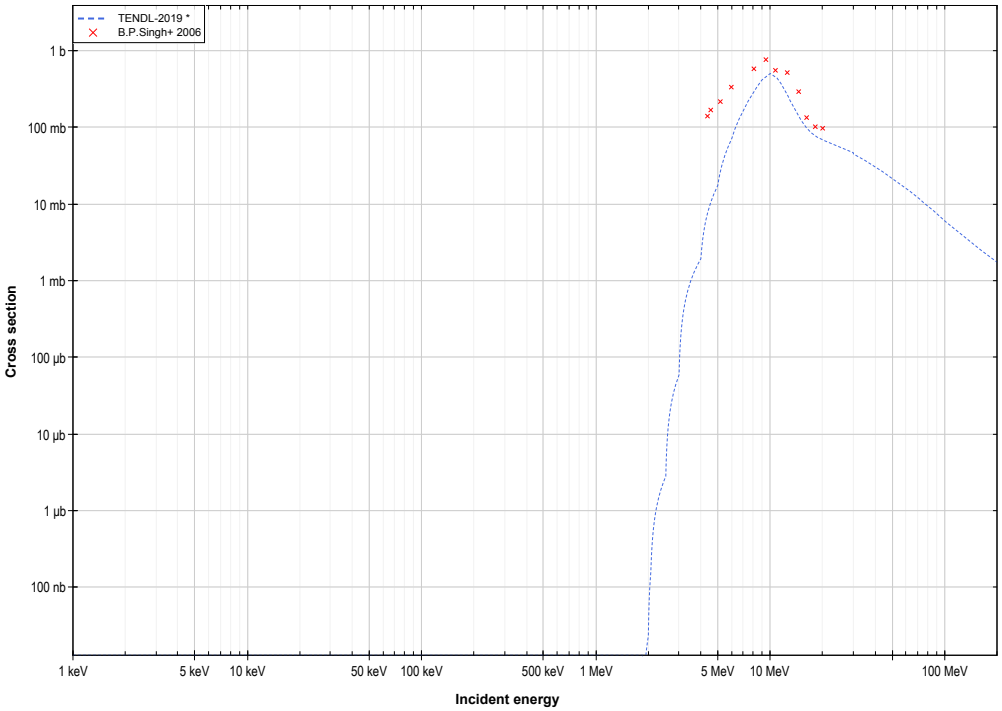
Sn124 (p,4n+α) or In117 production lin-log



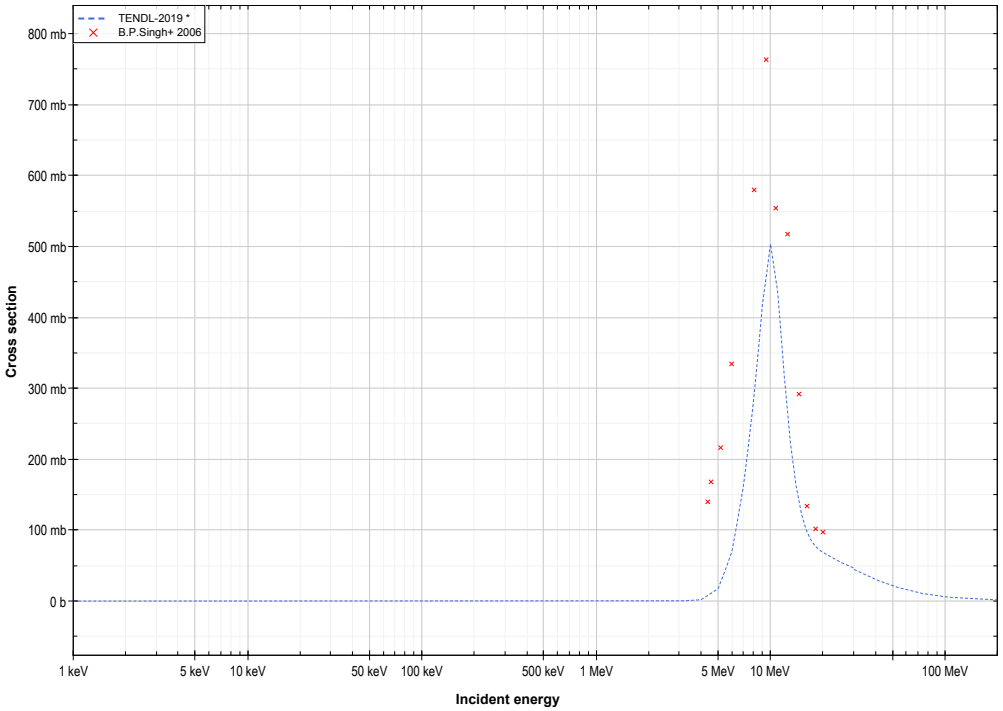
Reaction	Q-Value
Sn124(p,4n+α)In117	-26712.41 keV
Sn124(p,2n+2t)In117	-38044.48 keV
Sn124(p,3n+d+t)In117	-44301.71 keV
Sn124(p,4n+p+t)In117	-46526.28 keV
Sn124(p,5n+He3)In117	-47290.03 keV
Sn124(p,4n+2d)In117	-50558.94 keV
Sn124(p,5n+p+d)In117	-52783.51 keV
Sn124(p,6n+2p)In117	-55008.07 keV

<< 50-Sn-124	**51-Sb-121**	51-Sb-123 >>
<< 50-Sn-124 MT165 (p,4n+α)	**MT4 (p,n) or MT5 (Te121 production)**	MT37 (p,4n) >>

Sb121 (p,n) or Te121 production log-log



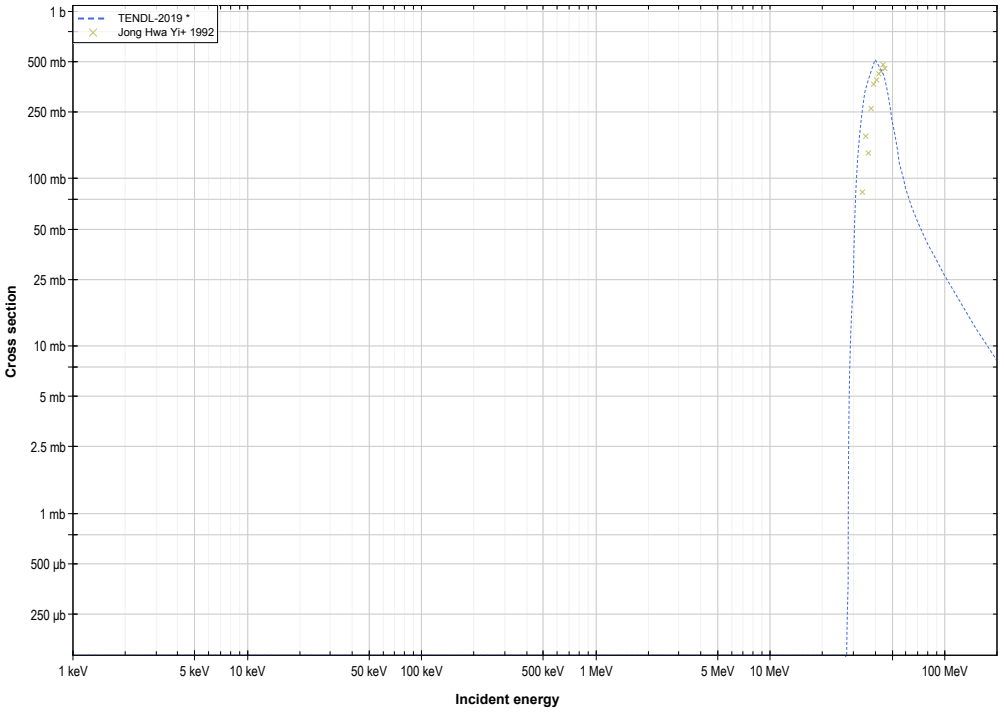
Sb121 (p,n) or Te121 production lin-log



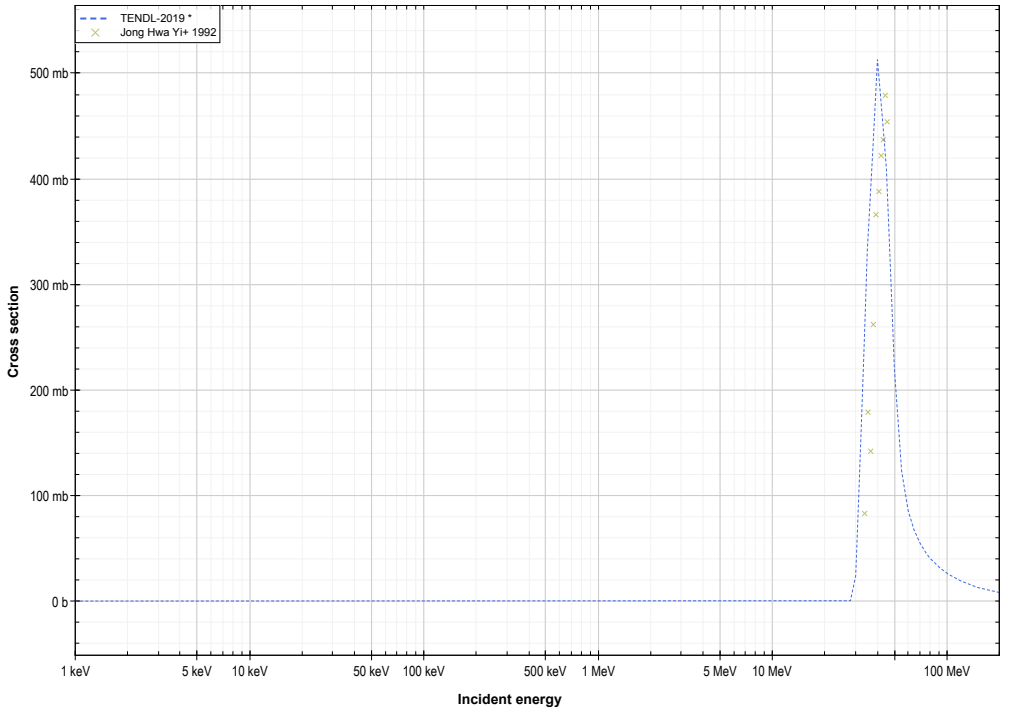
Reaction	Q-Value
Sb121(p,n)Te121	-1836.65 keV

<< 50-Sn-118	**51-Sb-121**	52-Te-122 >>
<< MT4 (p,n)	**MT37 (p,4n) or MT5 (Te118 production)**	51-Sb-123 MT4 (p,n) >>

Sb121 (p,4n) or Te118 production log-log



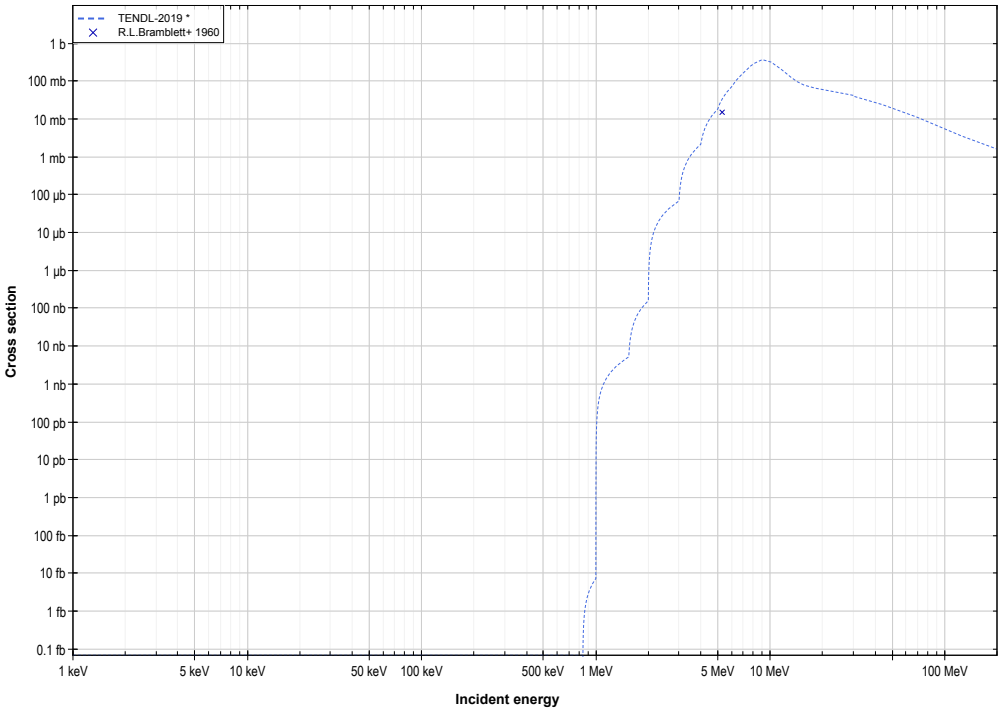
Sb121 (p,4n) or Te118 production lin-log



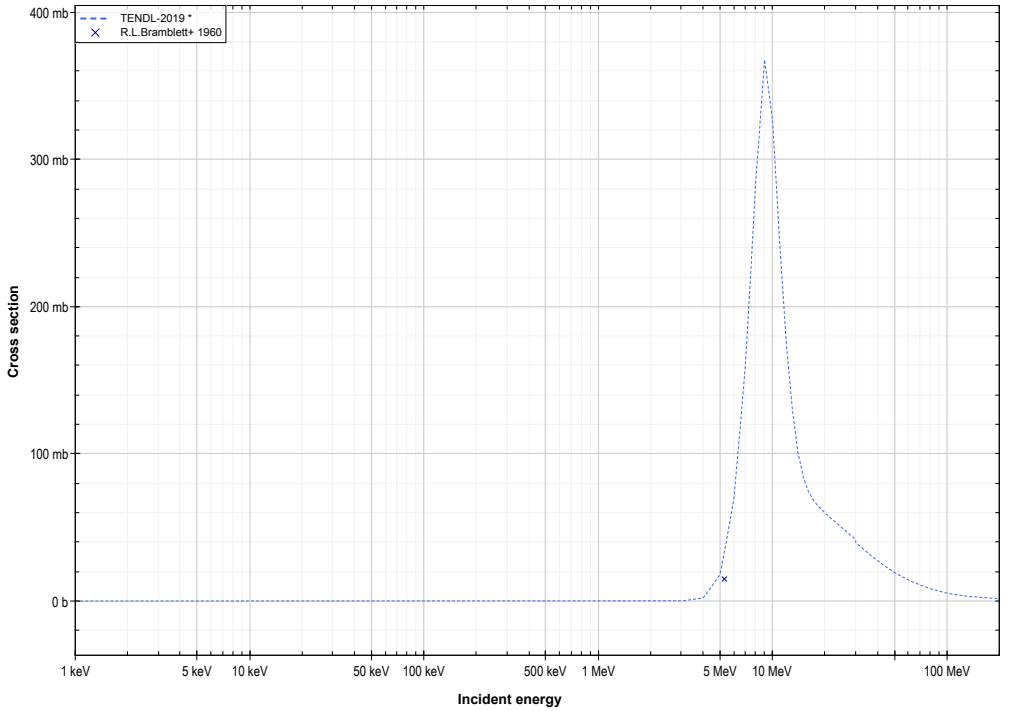
Reaction	Q-Value
Sb121(p,4n)Te118	-26899.60 keV

<< 51-Sb-121	**51-Sb-123**	52-Te-120 >>
<< 51-Sb-121 MT37 (p,4n)	**MT4 (p,n) or MT5 (Te123 production)**	MT28 (p,n+p) >>

Sb123 (p,n) or Te123 production log-log



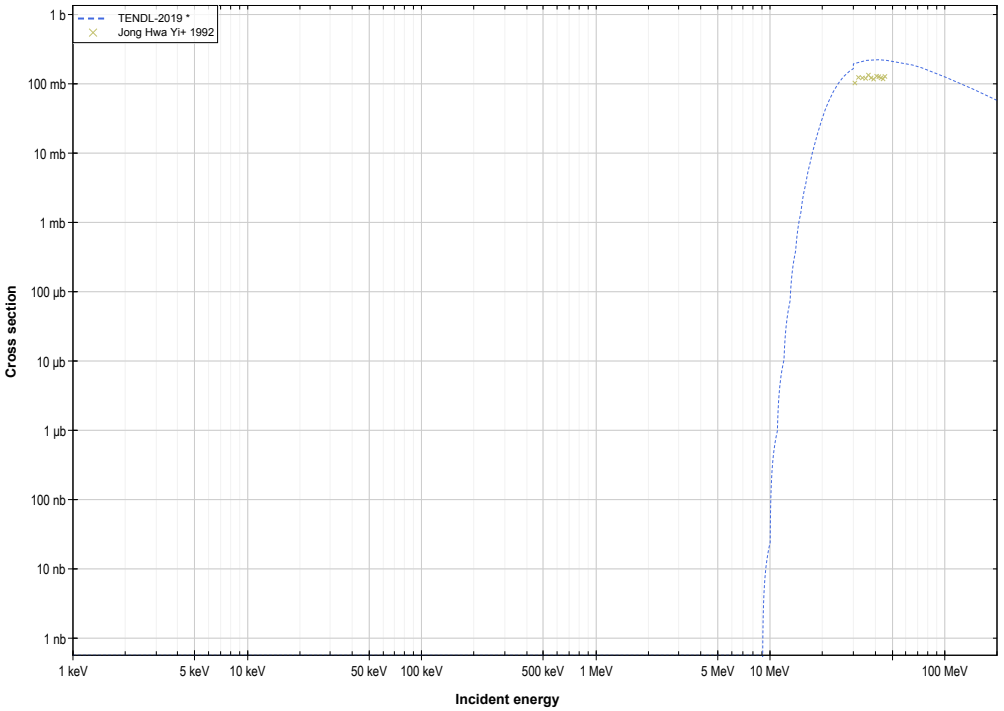
Sb123 (p,n) or Te123 production lin-log



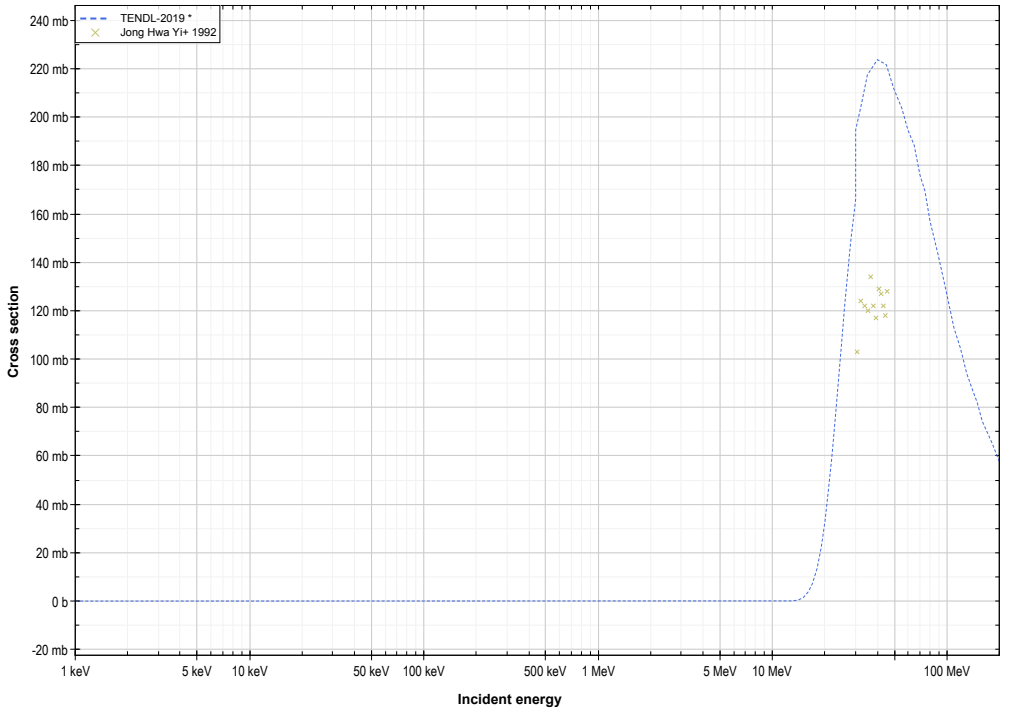
Reaction	Q-Value
Sb123(p,n)Te123	-834.25 keV

<< 50-Sn-124	**51-Sb-123**	52-Te-124 >>
<< MT4 (p,n)	**MT28 (p,n+p) or MT5 (Sb122 production)**	52-Te-120 MT4 (p,n) >>

Sb123 (p,n+p) or Sb122 production log-log



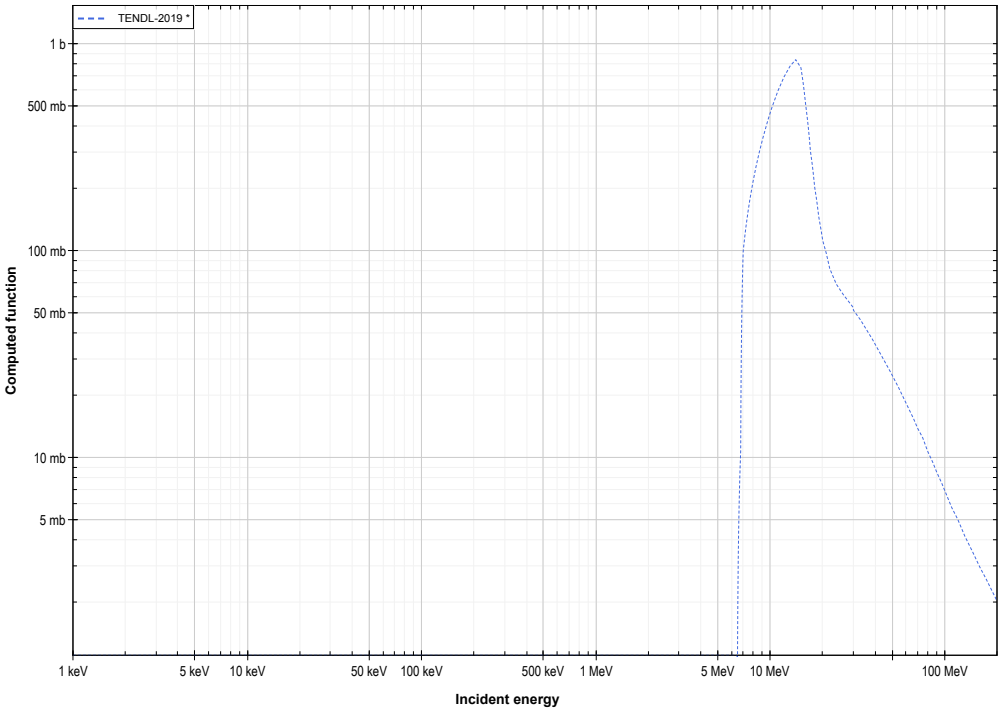
Sb123 (p,n+p) or Sb122 production lin-log



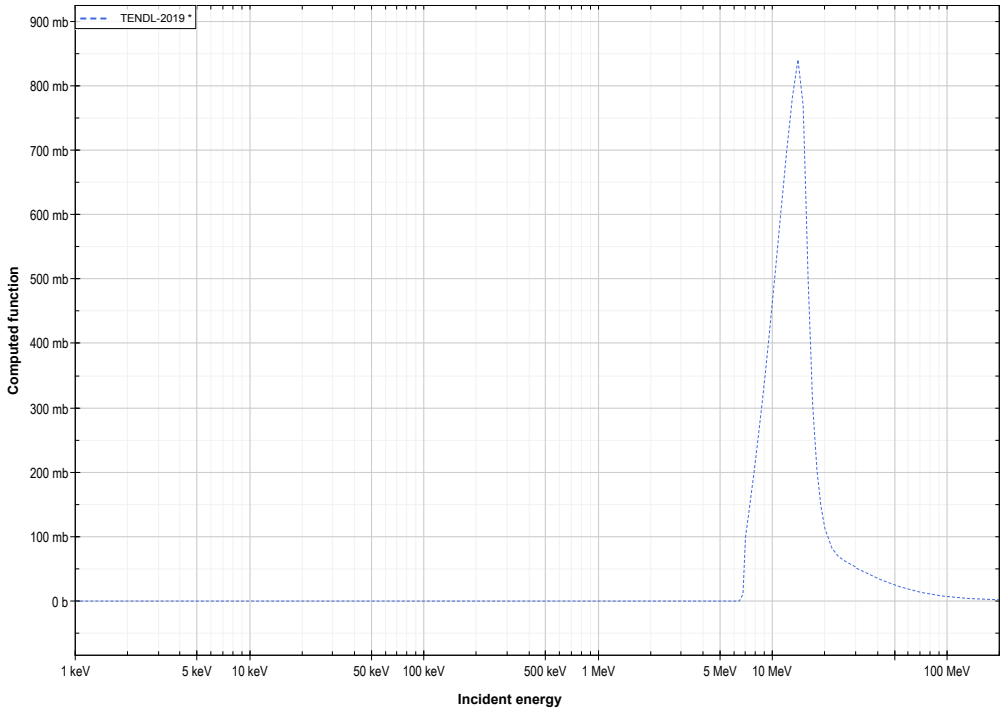
Reaction	Q-Value
Sb123(p,d)Sb122	-6735.45 keV
Sb123(p,n+p)Sb122	-8960.02 keV

<< 51-Sb-123	**52-Te-120**	52-Te-122 >>
<< 51-Sb-123 MT28 (p,n+p)	**MT4 (p,n) or MT5 (I120 production)**	MT16 (p,2n) >>

Te120 (p,n) or I120 production log-log



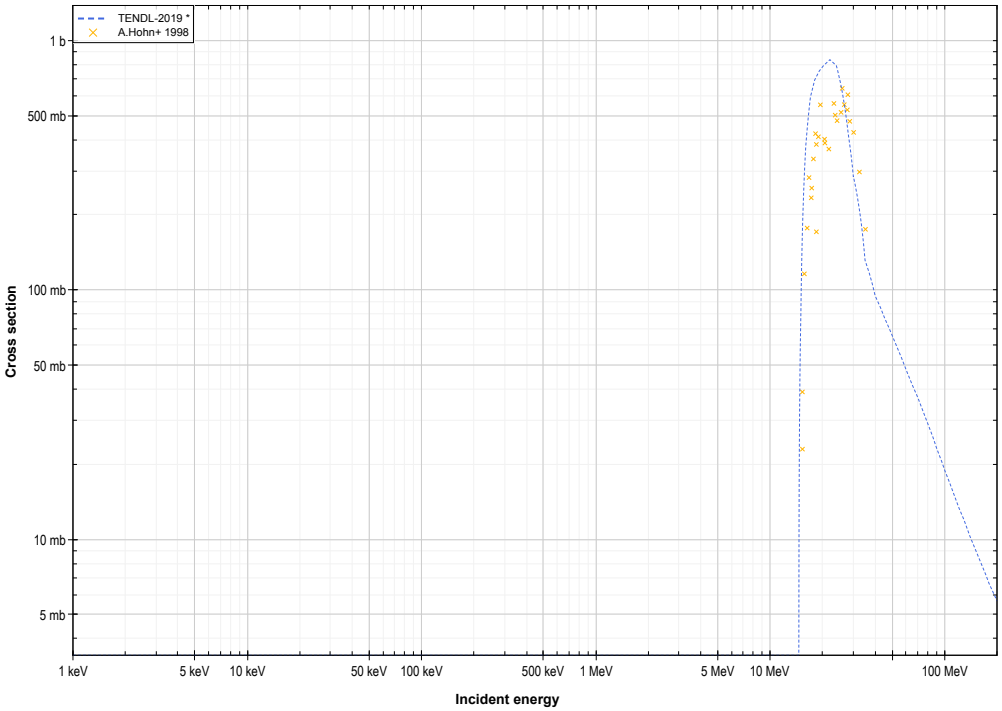
Te120 (p,n) or I120 production lin-log



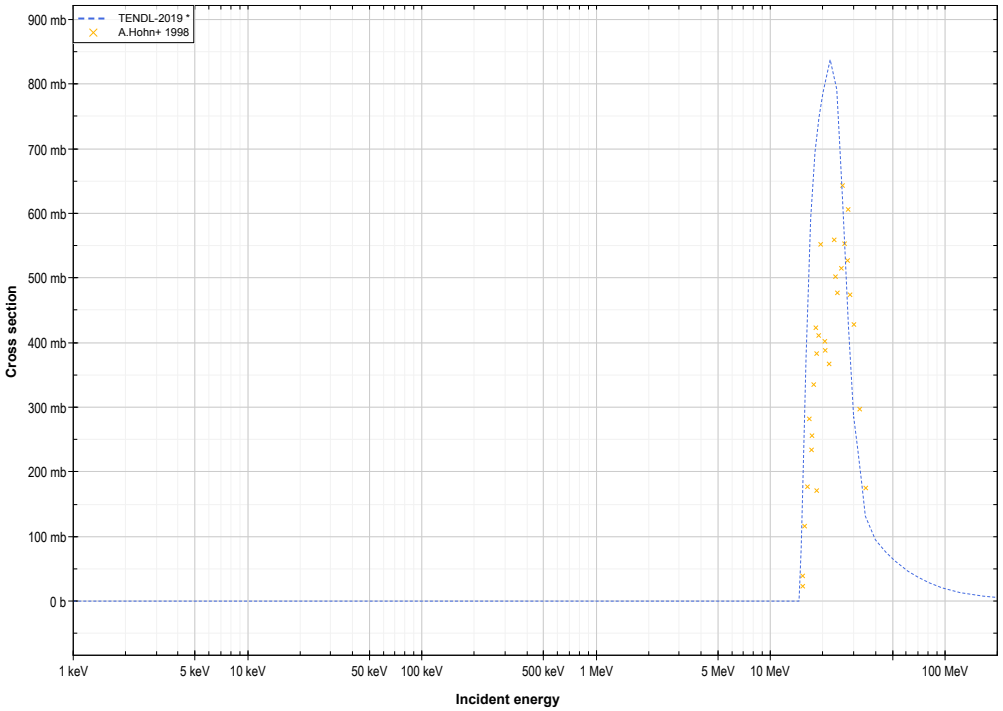
Reaction	Q-Value
Te120(p,n)I120	-6397.35 keV

<< 50-Sn-119	**52-Te-120**	52-Te-122 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (I119 production)**	52-Te-122 MT4 (p,n) >>

Te120 (p,2n) or I119 production log-log



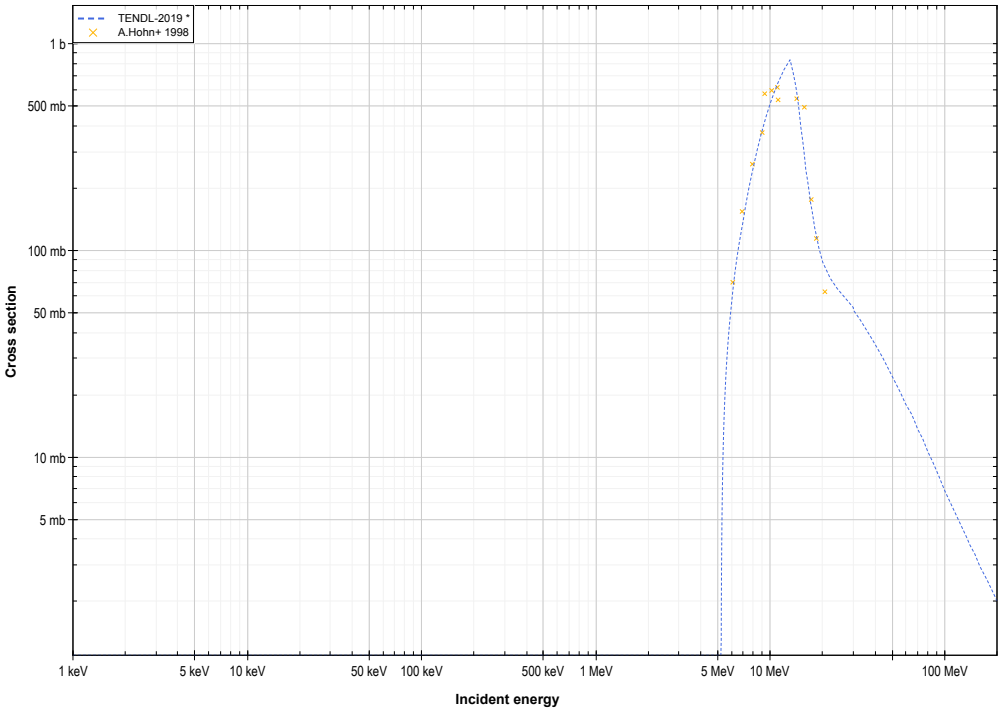
Te120 (p,2n) or I119 production lin-log



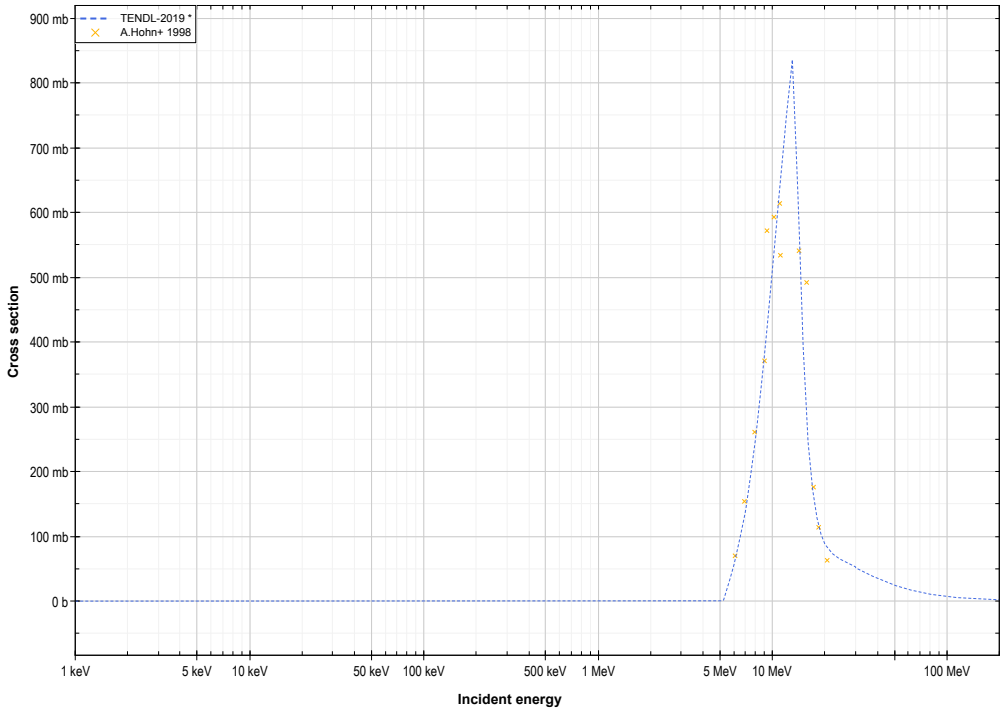
Reaction	Q-Value
Te120(p,2n)I119	-14455.66 keV

<< 52-Te-120	**52-Te-122**	52-Te-123 >>
<< 52-Te-120 MT16 (p,2n)	**MT4 (p,n) or MT5 (I122 production)**	MT11 (p,2n+d) >>

Te122 (p,n) or I122 production log-log



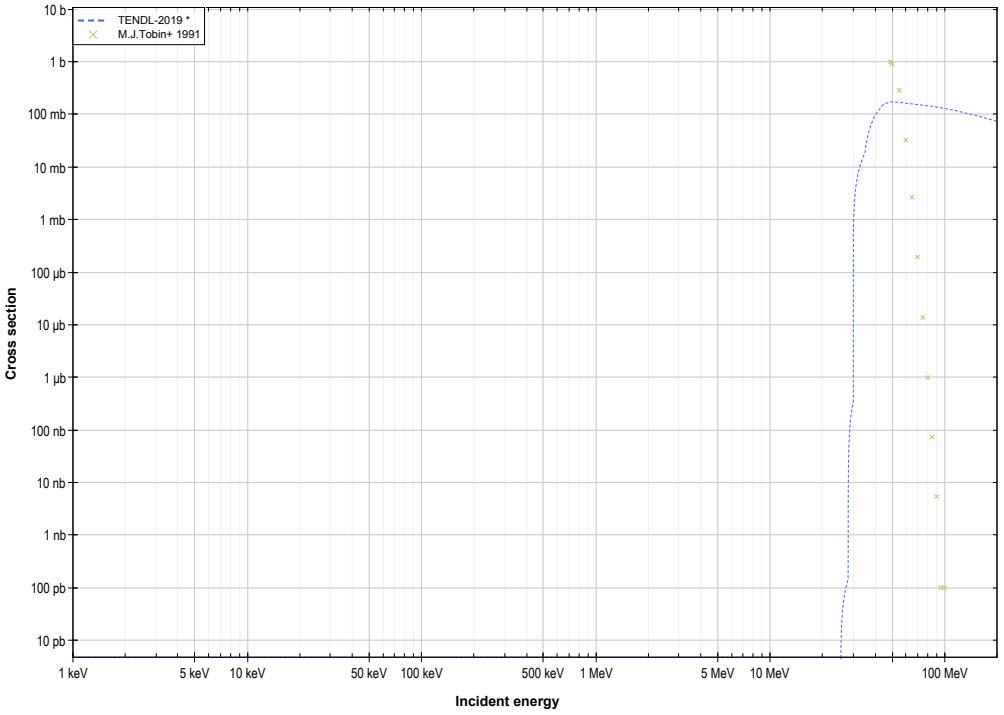
Te122 (p,n) or I122 production lin-log



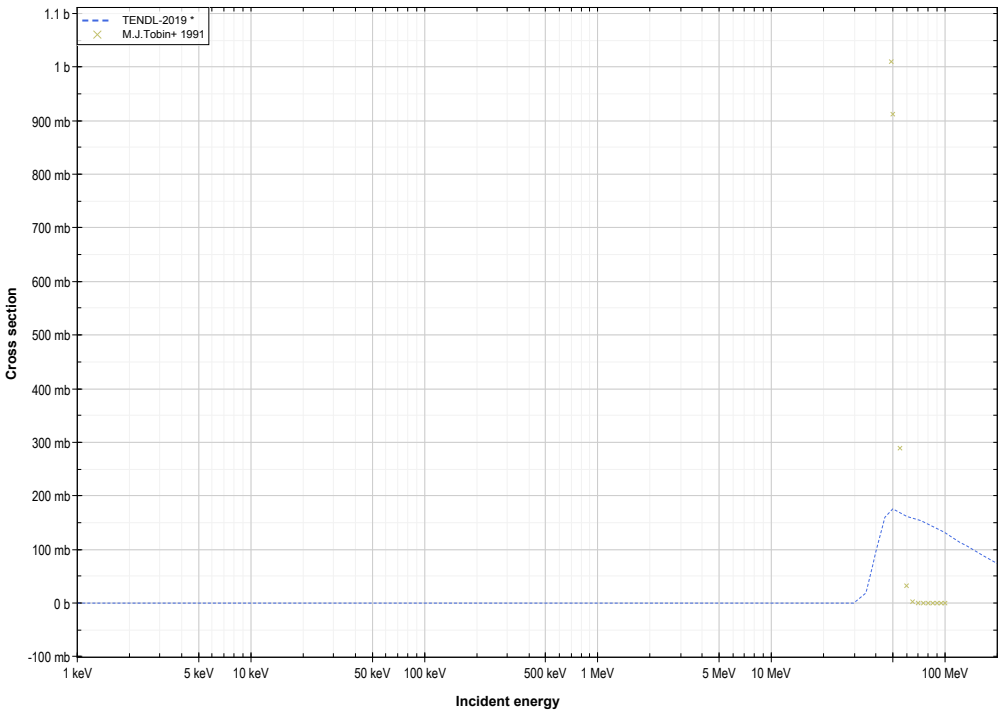
Reaction	Q-Value
Te122(p,n)I122	-5016.85 keV

<< 39-Y-89	**52-Te-122**	53-I-127 >>
<< MT4 (p,n)	**MT11 (p,2n+d) or MT5 (Te119 production)**	MT16 (p,2n) >>

Te122 (p,2n+d) or Te119 production log-log



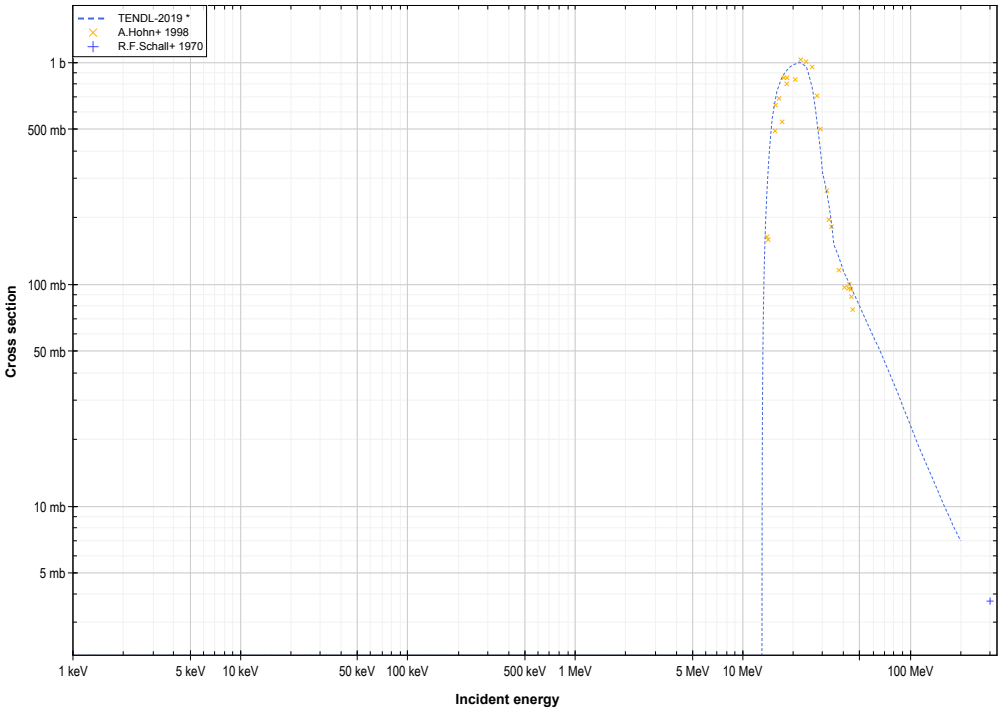
Te122 (p,2n+d) or Te119 production lin-log



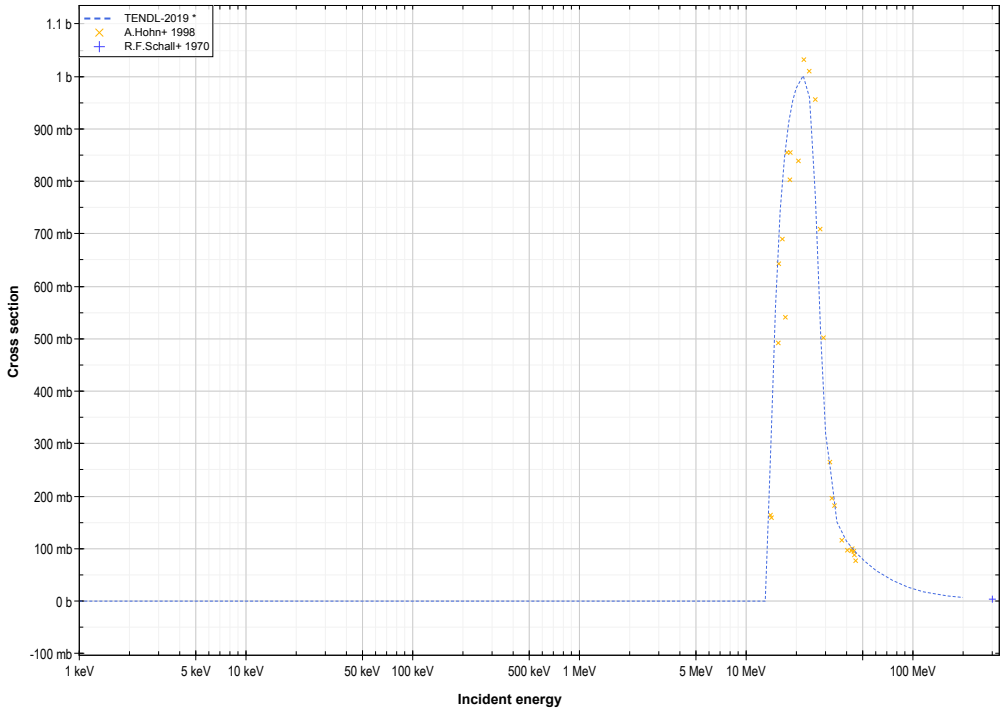
Reaction	Q-Value
Te122(p,n+t)Te119	-18865.66 keV
Te122(p,2n+d)Te119	-25122.89 keV
Te122(p,3n+p)Te119	-27347.45 keV

<< 52-Te-120	**52-Te-122**	52-Te-123 >>
<< MT11 (p,2n+d)	**MT16 (p,2n) or MT5 (I121 production)**	MT17 (p,3n) >>

Te122 (p,2n) or I121 production log-log



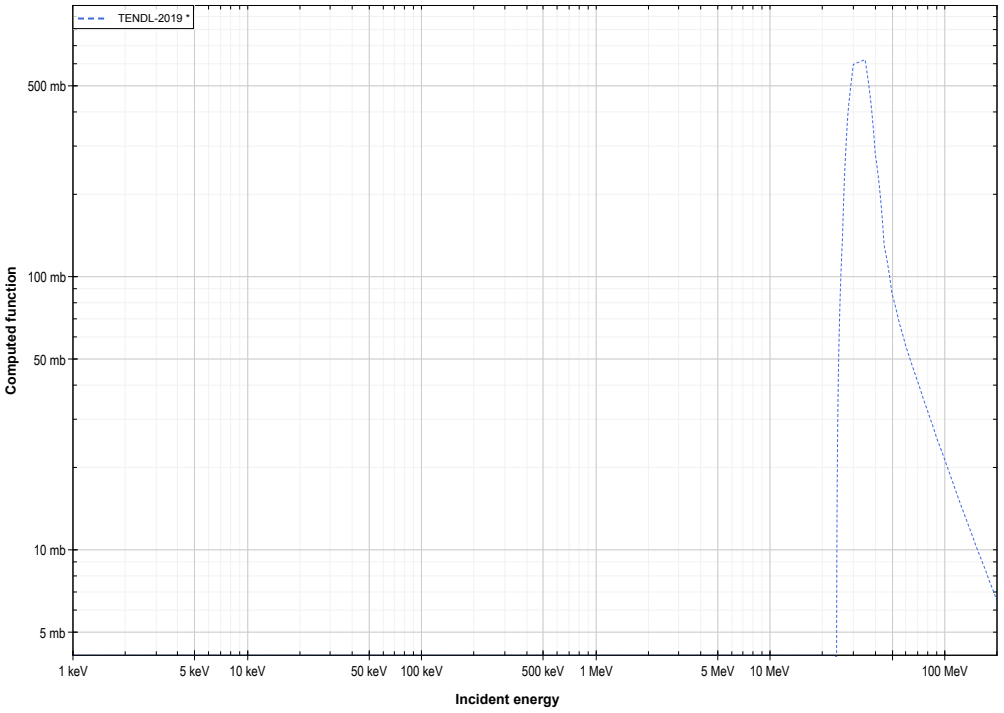
Te122 (p,2n) or I121 production lin-log



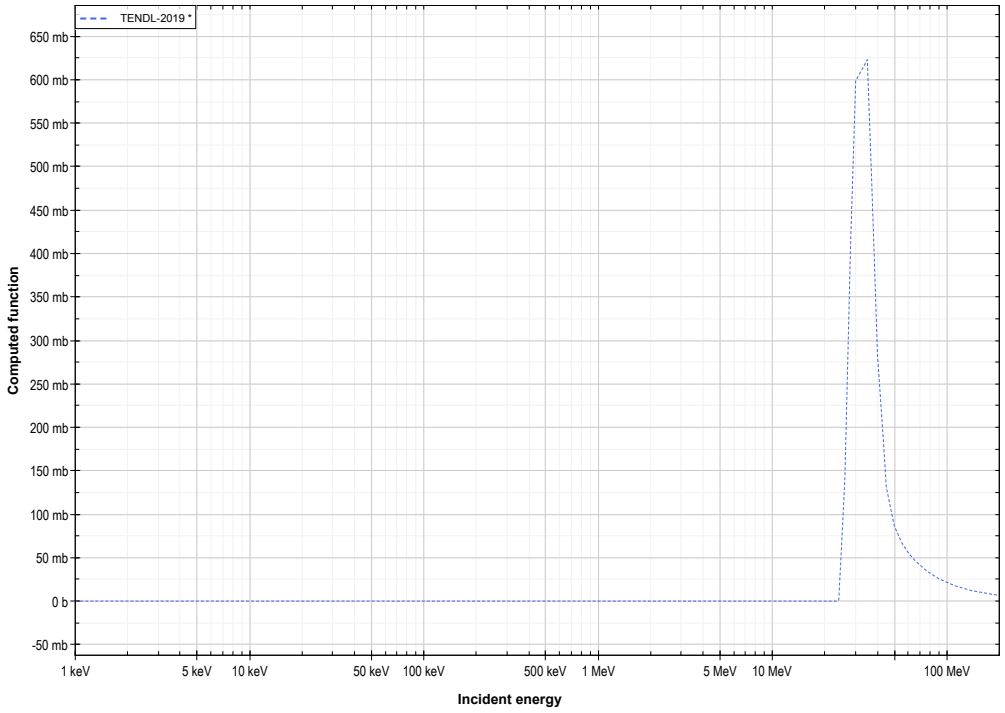
Reaction	Q-Value
Te122(p,2n)I121	-12917.16 keV

<< 50-Sn-124	**52-Te-122**	52-Te-125 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (I120 production)**	MT33 (p,n+t) >>

Te122 (p,3n) or I120 production log-log



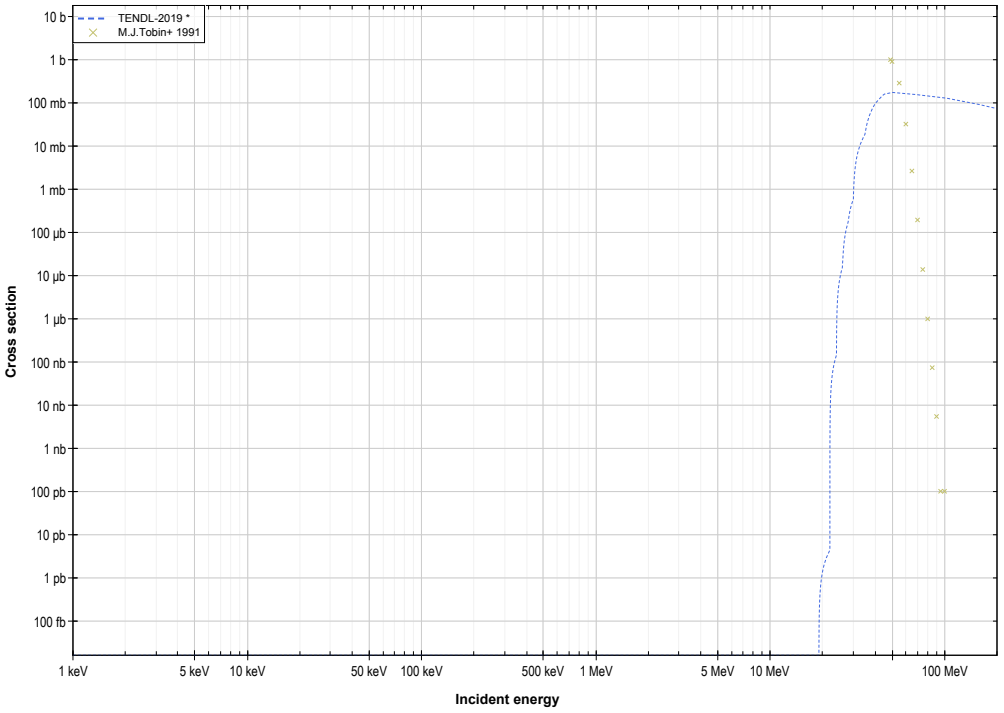
Te122 (p,3n) or I120 production lin-log



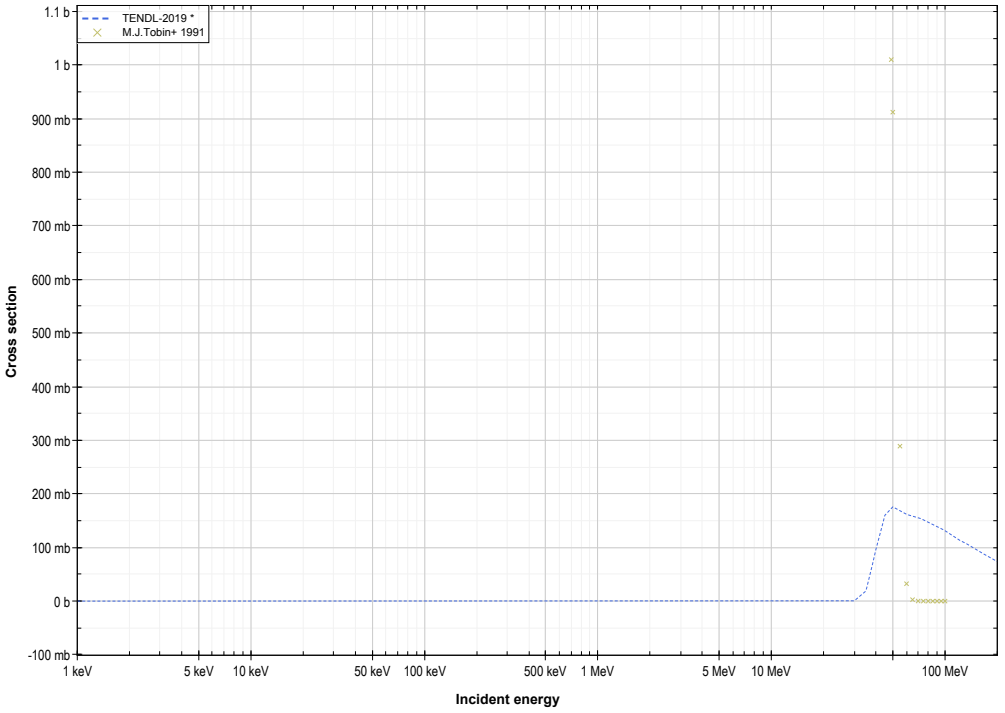
Reaction	Q-Value
Te122(p,3n)I120	-23486.48 keV

<< 39-Y-89	**52-Te-122**	53-I-127 >>
<< MT17 (p,3n)	**MT33 (p,n+t) or MT5 (Te119 production)**	MT37 (p,4n) >>

Te122 (p,n+t) or Te119 production log-log



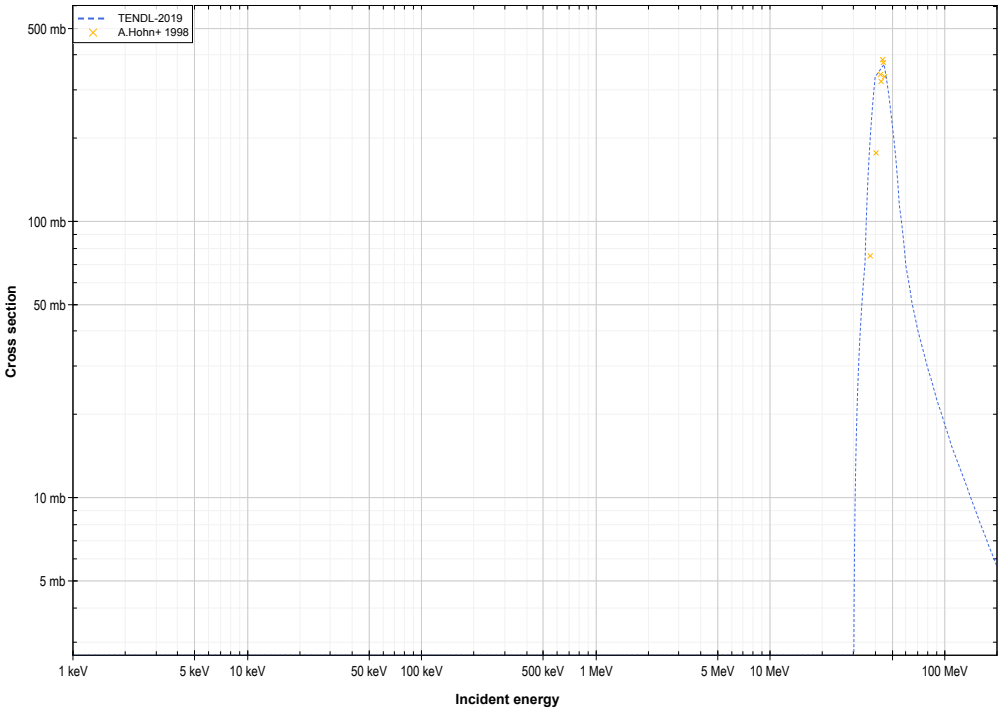
Te122 (p,n+t) or Te119 production lin-log



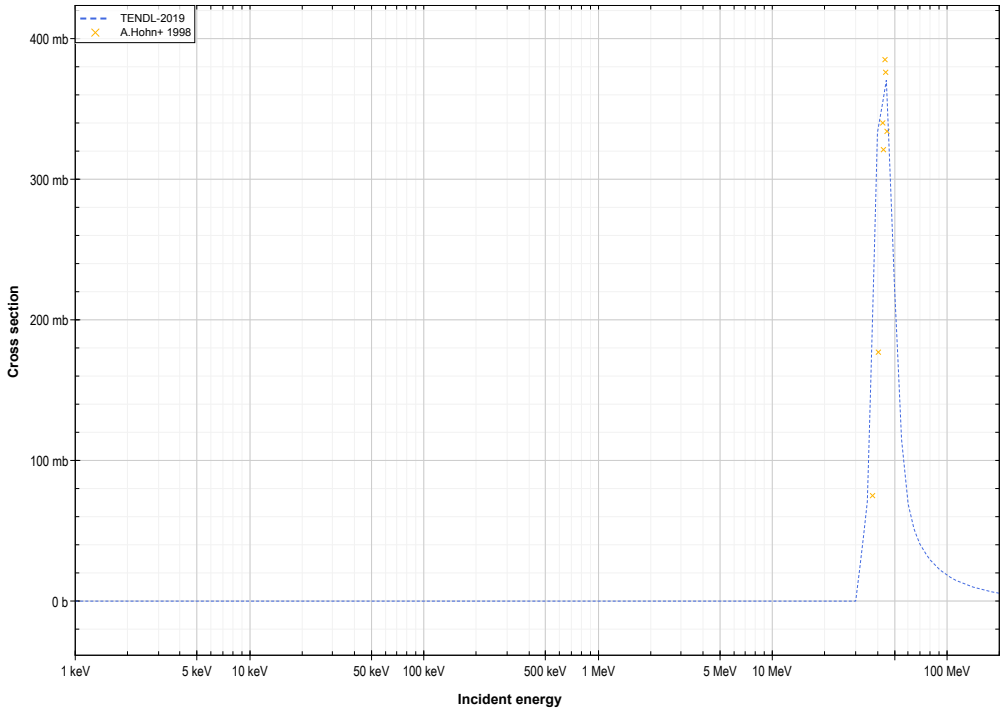
Reaction	Q-Value
Te122(p,n+t)Te119	-18865.66 keV
Te122(p,2n+d)Te119	-25122.89 keV
Te122(p,3n+p)Te119	-27347.45 keV

<< 51-Sb-121	**52-Te-122**	52-Te-125 >>
<< MT33 (p,n+t)	**MT37 (p,4n) or MT5 (I119 production)**	MT42 (p,3n+p) >>

Te122 (p,4n) or I119 production log-log



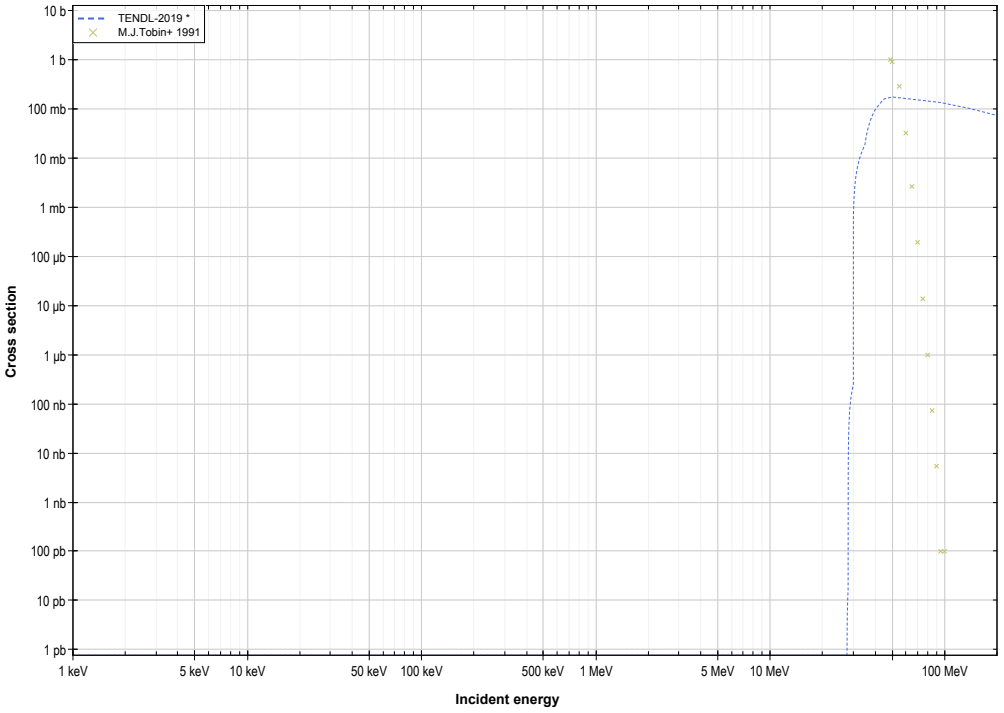
Te122 (p,4n) or I119 production lin-log



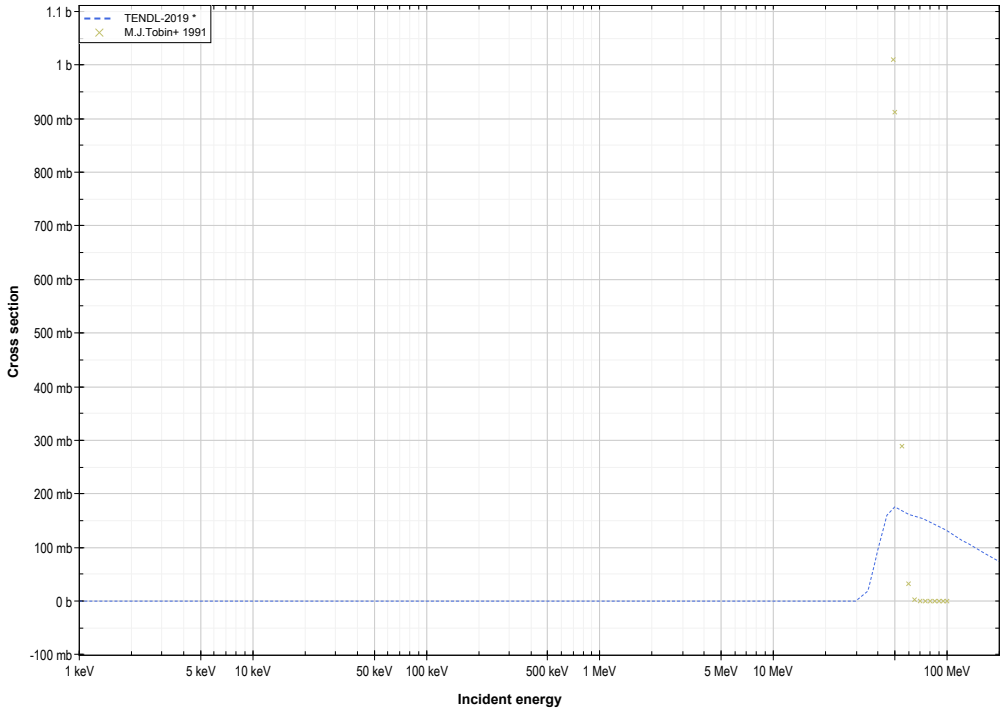
Reaction	Q-Value
Te122(p,4n)I119	-31544.80 keV

<< 39-Y-89	**52-Te-122**	53-I-127 >>
<< MT37 (p,4n)	**MT42 (p,3n+p) or MT5 (Te119 production)**	MT154 (p,2n+t) >>

Te122 (p,3n+p) or Te119 production log-log



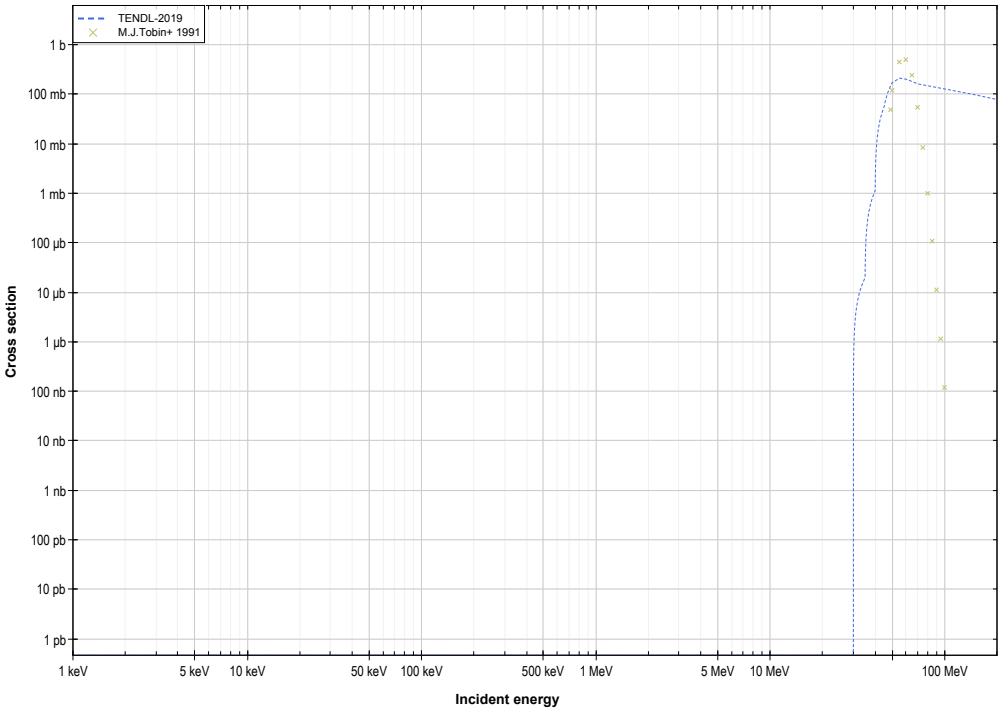
Te122 (p,3n+p) or Te119 production lin-log



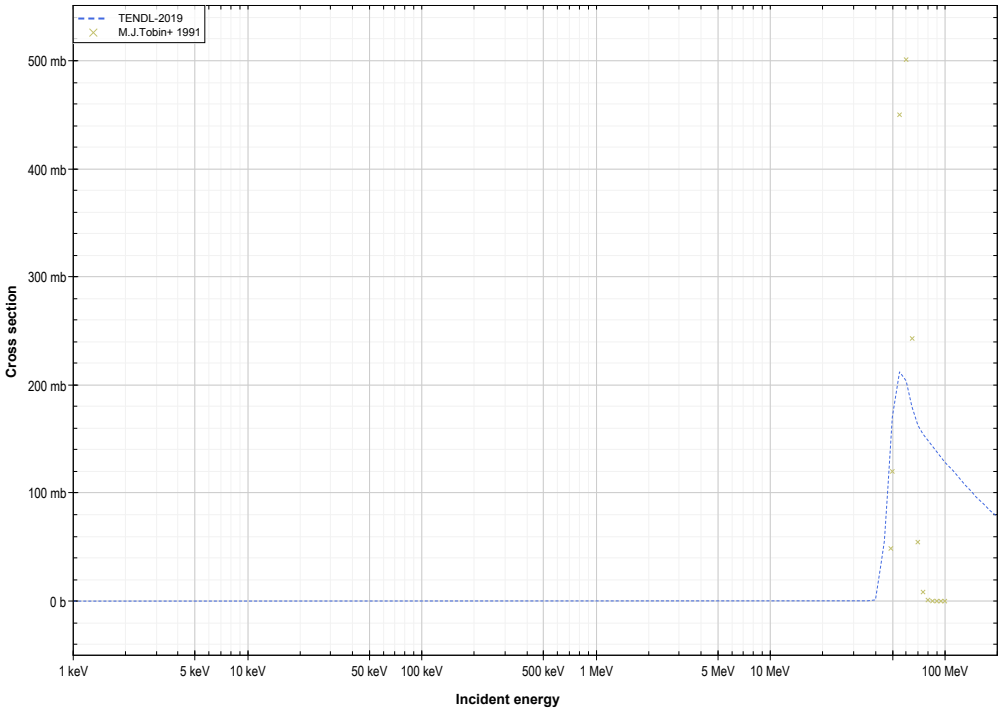
Reaction	Q-Value
Te122(p,n+t)Te119	-18865.66 keV
Te122(p,2n+d)Te119	-25122.89 keV
Te122(p,3n+p)Te119	-27347.45 keV

<< 41-Nb-93	**52-Te-122**	52-Te-123 >>
<< MT42 (p,3n+p)	**MT154 (p,2n+t) or MT5 (Te118 production)**	MT156 (p,4n+p) >>

Te122 (p,2n+t) or Te118 production log-log



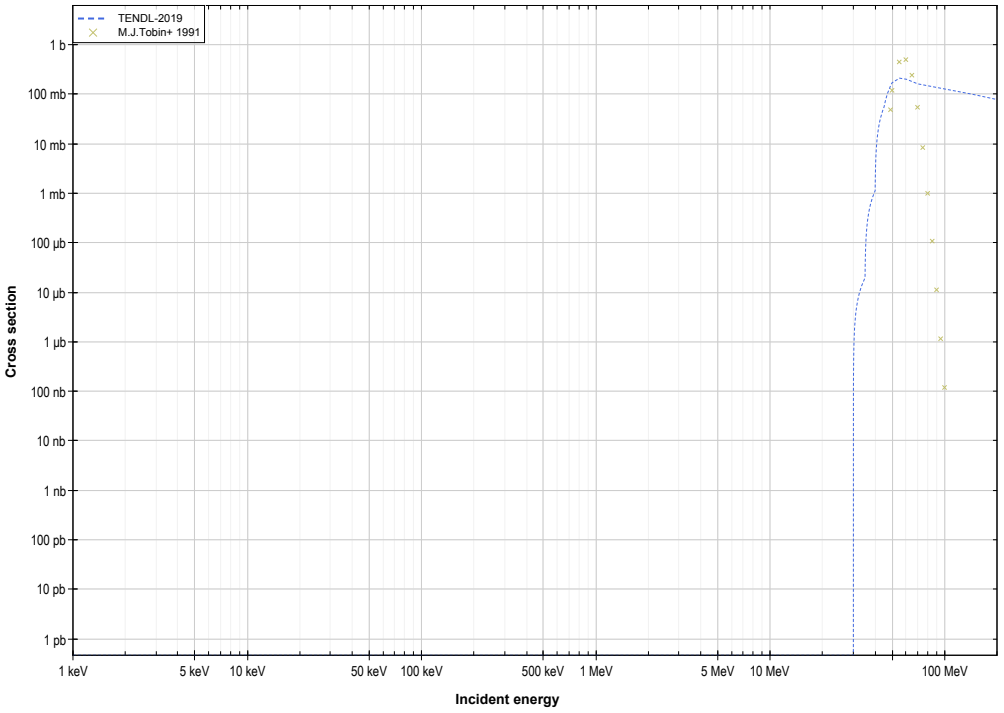
Te122 (p,2n+t) or Te118 production lin-log



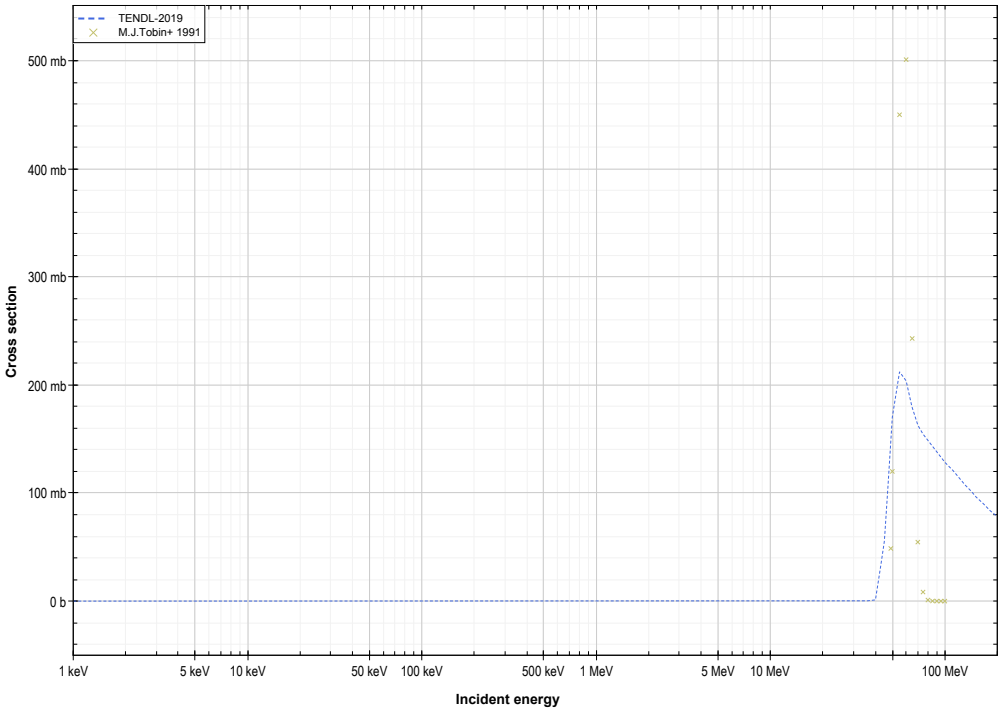
Reaction	Q-Value
Te122(p,2n+t)Te118	-26420.97 keV
Te122(p,3n+d)Te118	-32678.20 keV
Te122(p,4n+p)Te118	-34902.77 keV

<< 41-Nb-93	**52-Te-122**	52-Te-123 >>
<< MT154 (p,2n+t)	**MT156 (p,4n+p) or MT5 (Te118 production)**	MT157 (p,3n+d) >>

Te122 (p,4n+p) or Te118 production log-log



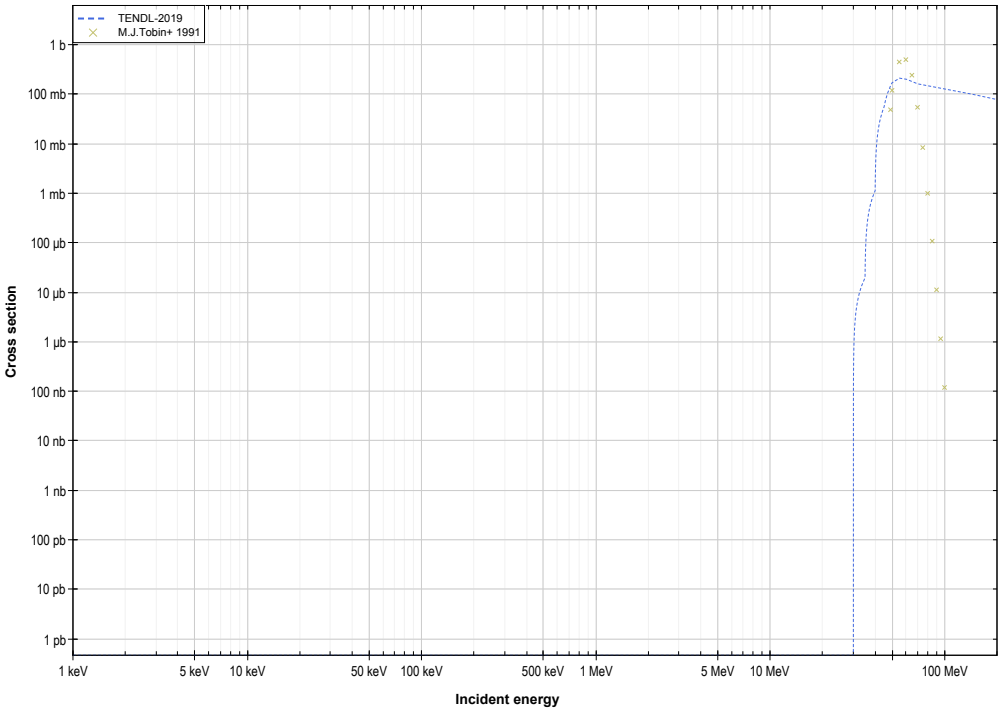
Te122 (p,4n+p) or Te118 production lin-log



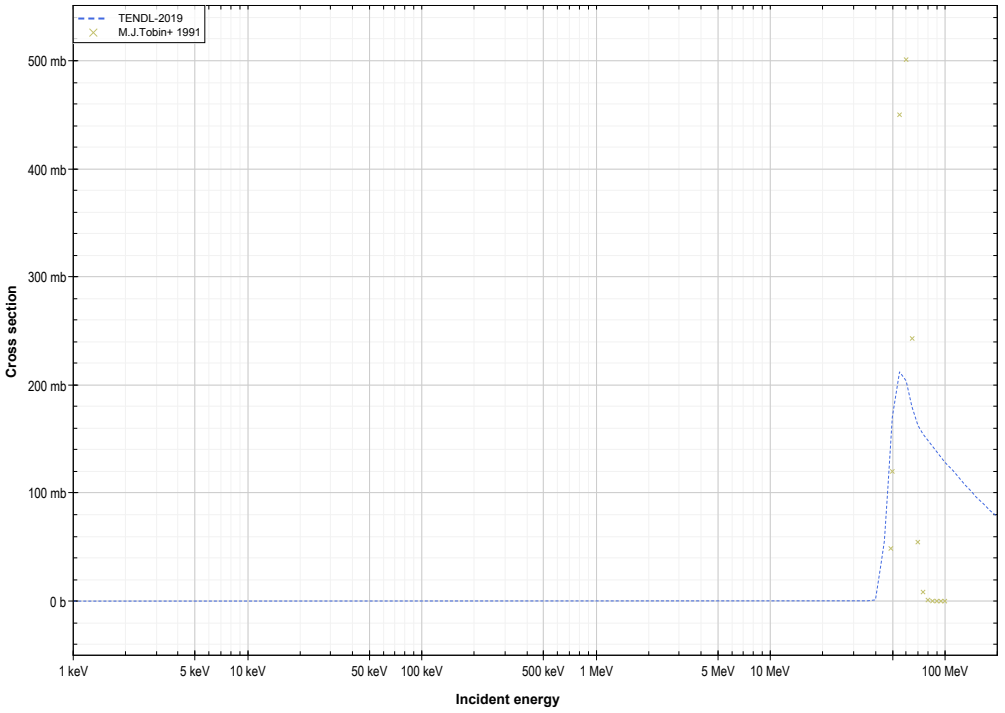
Reaction	Q-Value
Te122(p,2n+t)Te118	-26420.97 keV
Te122(p,3n+d)Te118	-32678.20 keV
Te122(p,4n+p)Te118	-34902.77 keV

<< 41-Nb-93	**52-Te-122**	52-Te-123 >>
<< MT156 (p,4n+p)	**MT157 (p,3n+d) or MT5 (Te118 production)**	52-Te-123 MT4 (p,n) >>

Te122 (p,3n+d) or Te118 production log-log



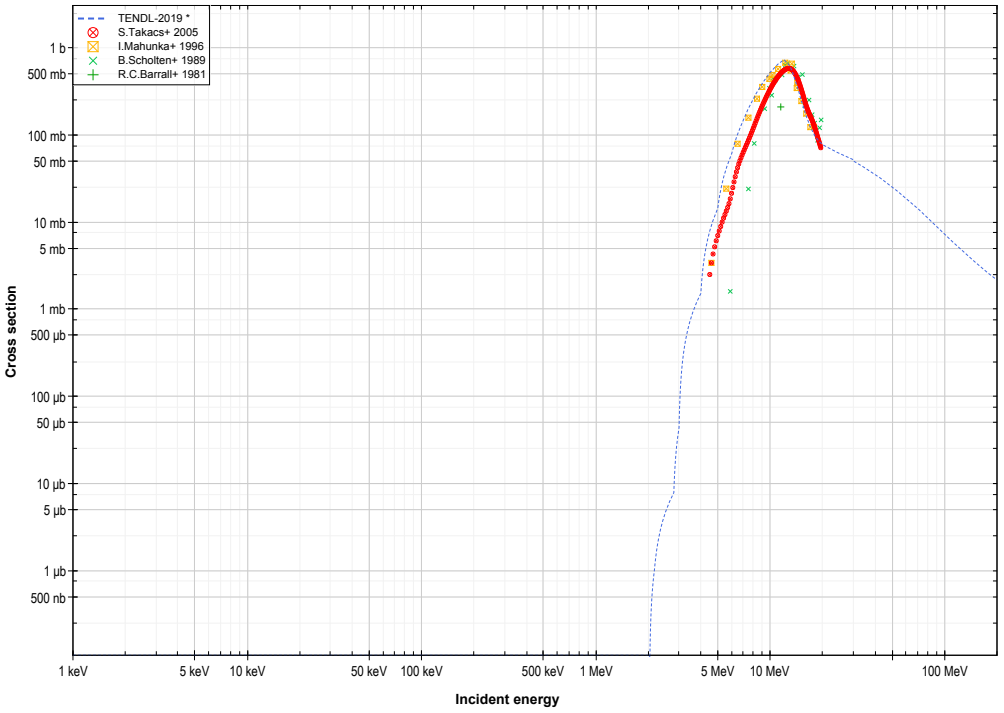
Te122 (p,3n+d) or Te118 production lin-log



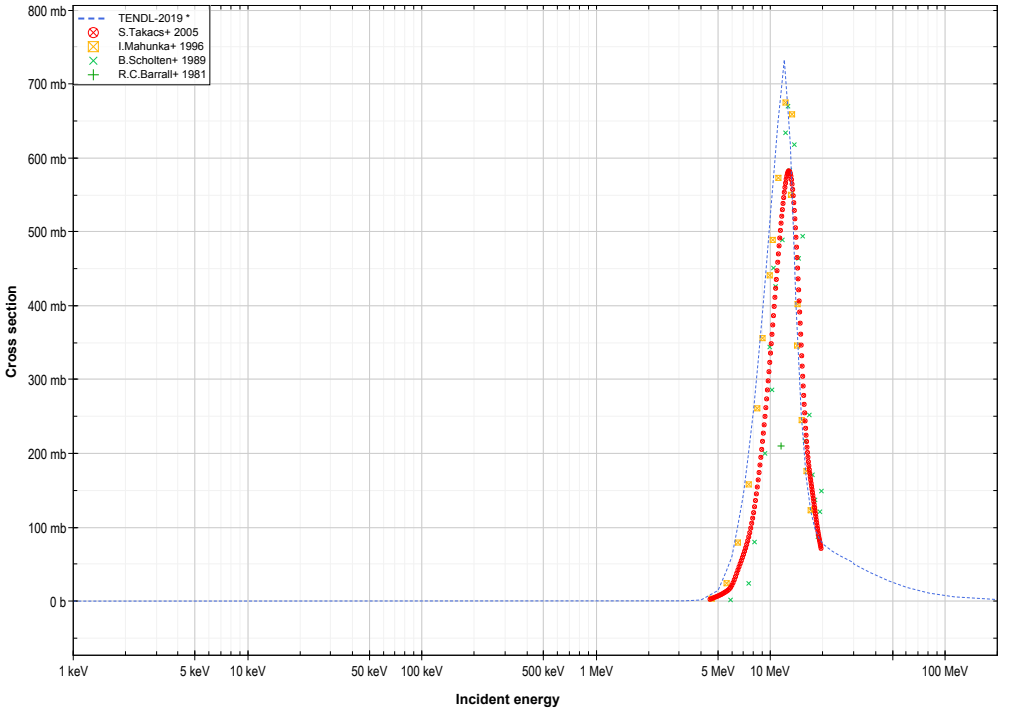
Reaction	Q-Value
Te122(p,2n+t)Te118	-26420.97 keV
Te122(p,3n+d)Te118	-32678.20 keV
Te122(p,4n+p)Te118	-34902.77 keV

<< 52-Te-122	**52-Te-123**	52-Te-124 >>
<< 52-Te-122 MT157 (p,3n+d)	**MT4 (p,n) or MT5 (I123 production)**	MT16 (p,2n) >>

Te123 (p,n) or I123 production log-log



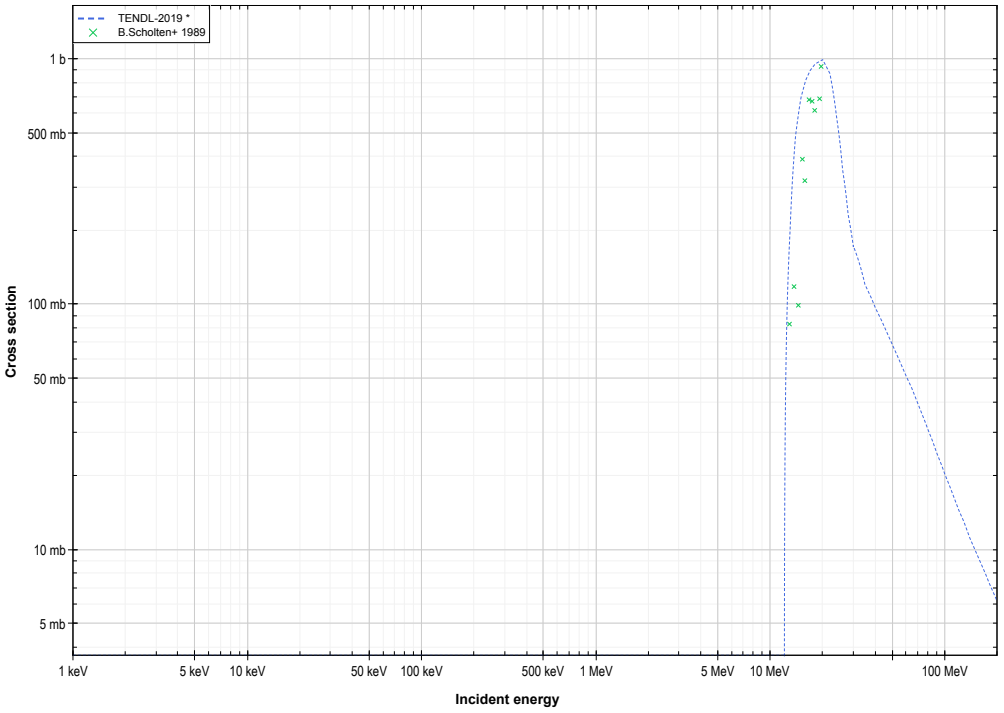
Te123 (p,n) or I123 production lin-log



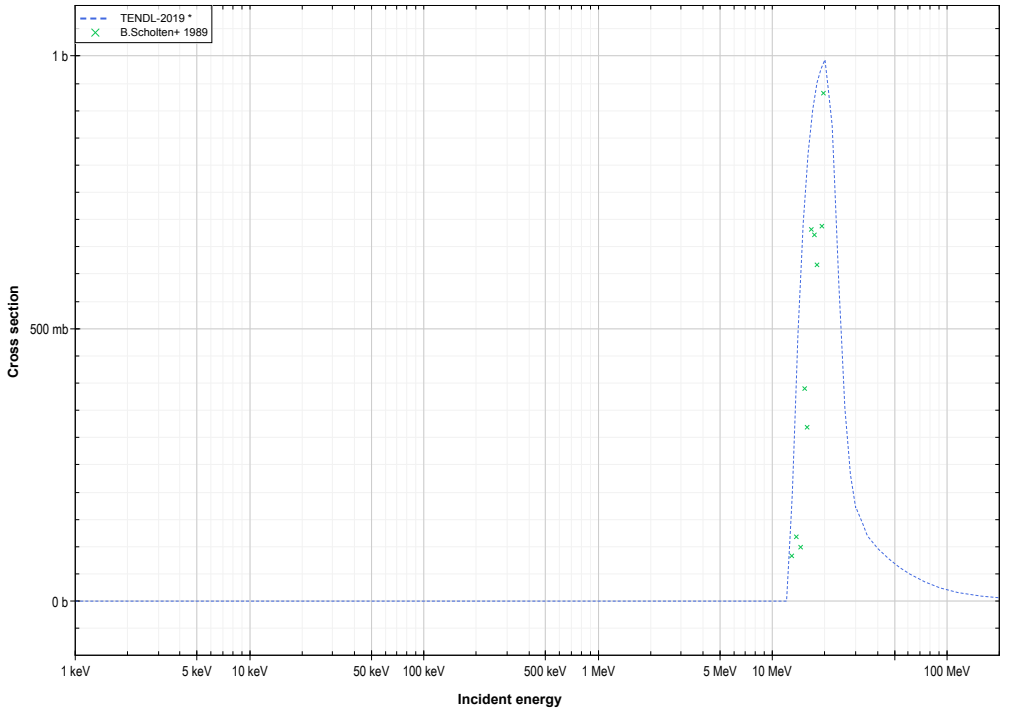
Reaction	Q-Value
Te123(p,n)I123	-2010.55 keV

<< 52-Te-122	**52-Te-123**	52-Te-124 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (I122 production)**	MT111 (p,2p) >>

Te123 (p,2n) or I122 production log-log



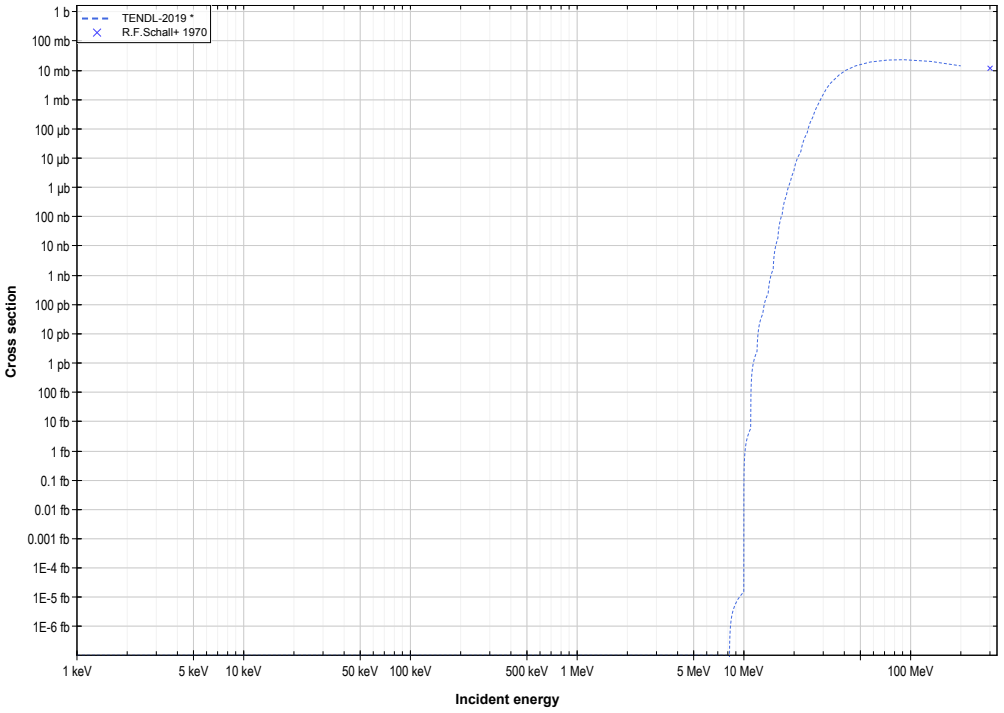
Te123 (p,2n) or I122 production lin-log



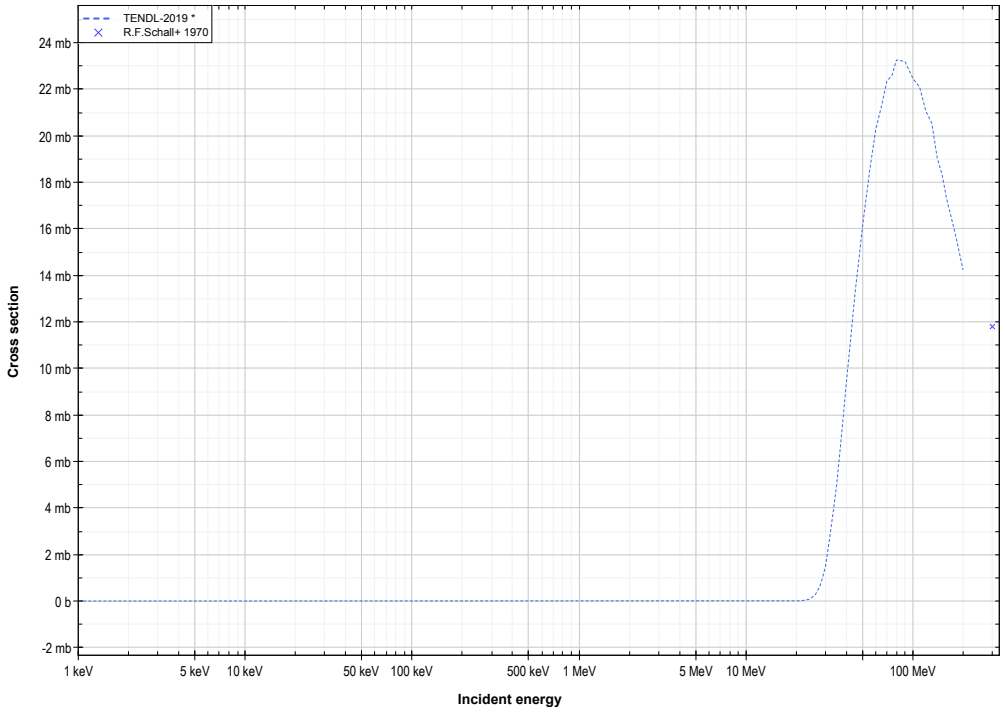
Reaction	Q-Value
Te123(p,2n)I122	-11945.86 keV

<< 50-Sn-118	**52-Te-123**	52-Te-125 >>
<< MT16 (p,2n)	**MT111 (p,2p) or MT5 (Sb122 production)**	MT154 (p,2n+t) >>

Te123 (p,2p) or Sb122 production log-log



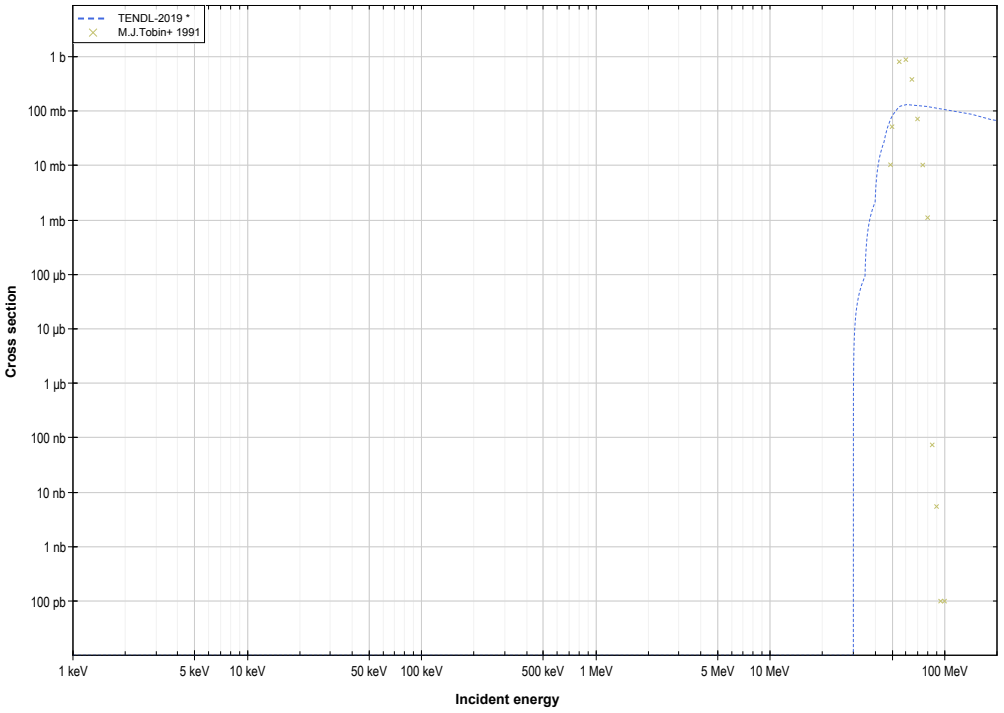
Te123 (p,2p) or Sb122 production lin-log



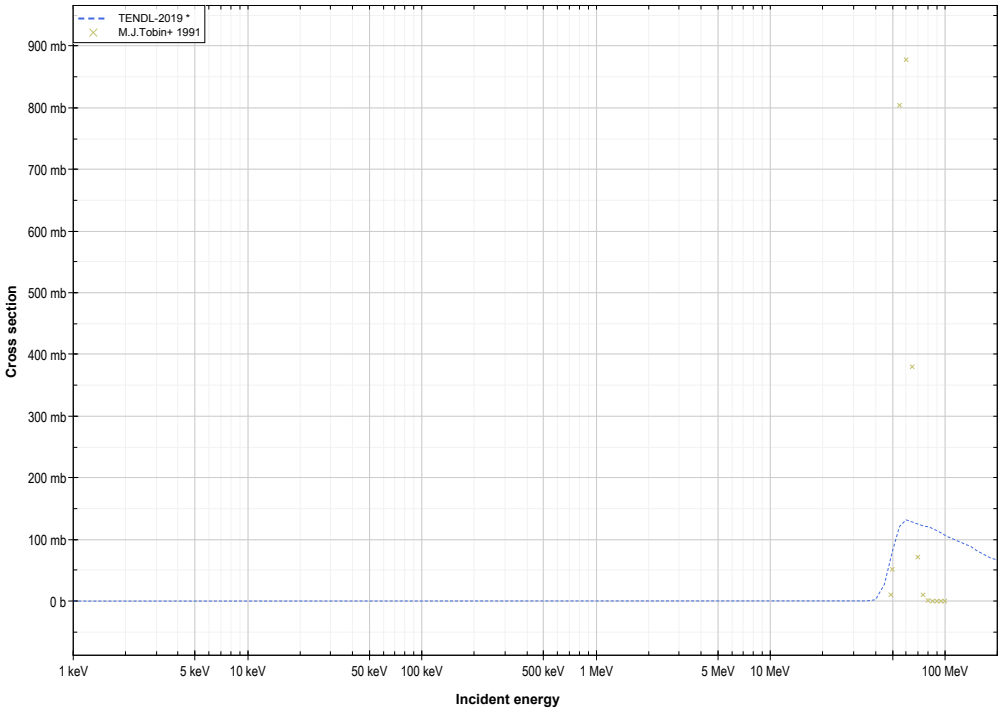
Reaction	Q-Value
Te123(p,2p)Sb122	-8125.77 keV

<< 52-Te-122	**52-Te-123**	53-I-127 >>
<< MT111 (p,2p)	**MT154 (p,2n+t) or MT5 (Te119 production)**	MT156 (p,4n+p) >>

Te123 (p,2n+t) or Te119 production log-log



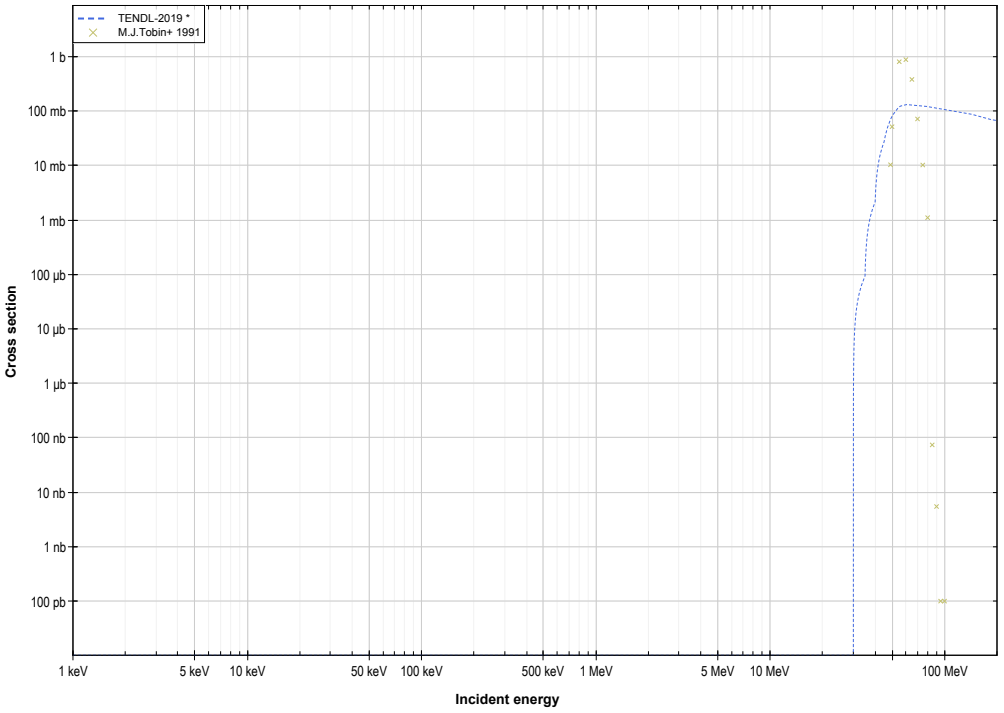
Te123 (p,2n+t) or Te119 production lin-log



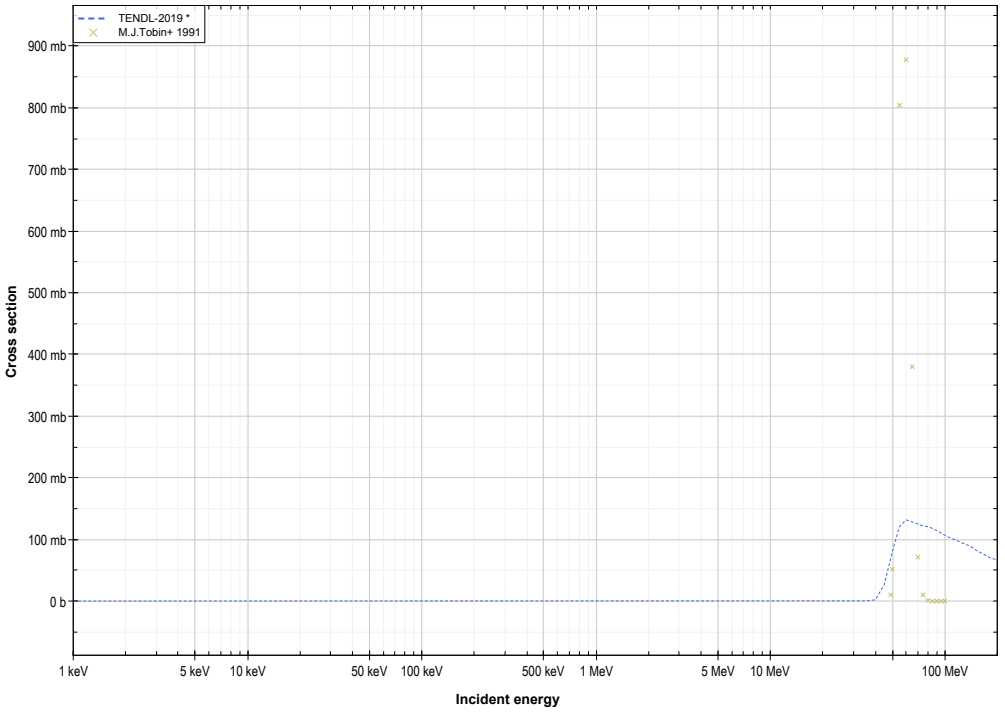
Reaction	Q-Value
Te123(p,2n+t)Te119	-25794.67 keV
Te123(p,3n+d)Te119	-32051.90 keV
Te123(p,4n+p)Te119	-34276.47 keV

<< 52-Te-122	**52-Te-123**	53-I-127 >>
<< MT154 (p,2n+t)	**MT156 (p,4n+p) or MT5 (Te119 production)**	MT157 (p,3n+d) >>

Te123 (p,4n+p) or Te119 production log-log



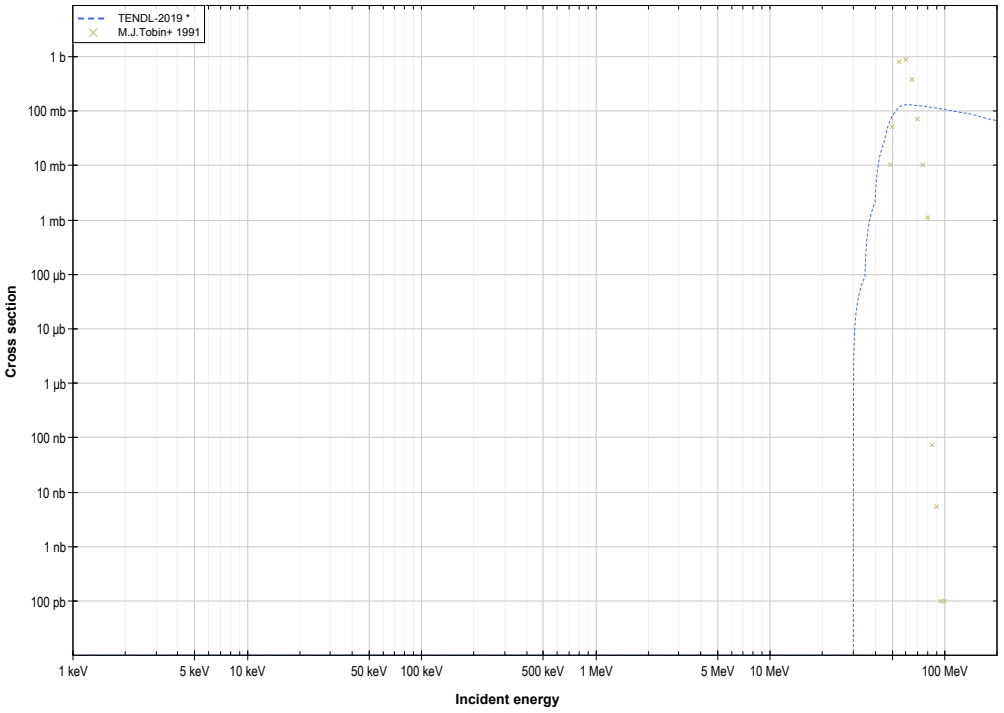
Te123 (p,4n+p) or Te119 production lin-log



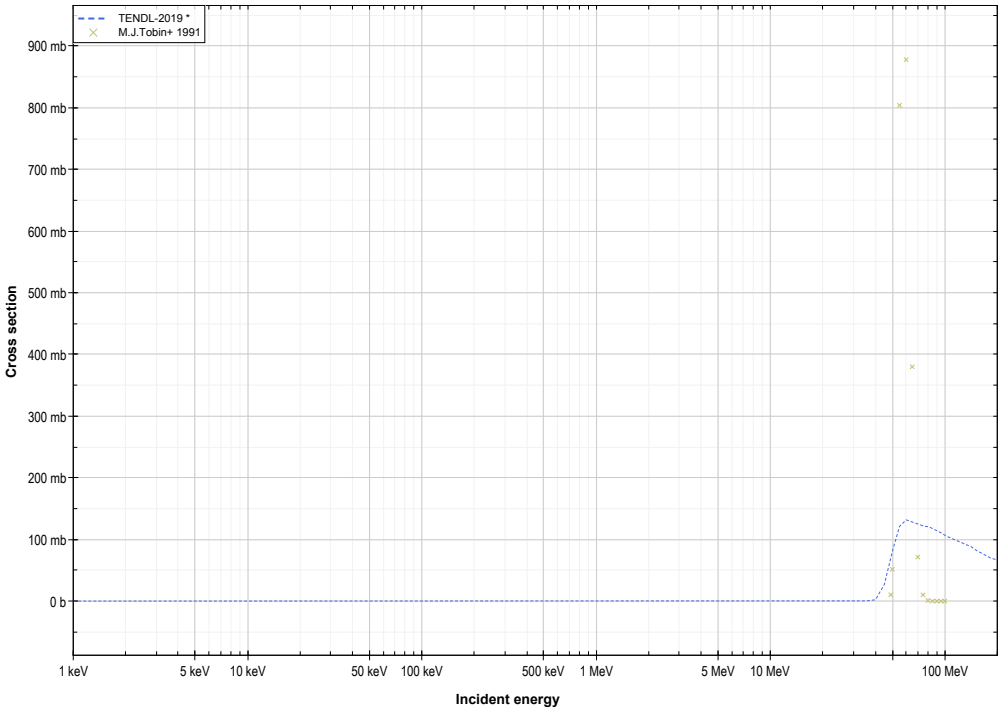
Reaction	Q-Value
Te123(p,2n+t)Te119	-25794.67 keV
Te123(p,3n+d)Te119	-32051.90 keV
Te123(p,4n+p)Te119	-34276.47 keV

<< 52-Te-122	**52-Te-123**	53-I-127 >>
<< MT156 (p,4n+p)	**MT157 (p,3n+d) or MT5 (Te119 production)**	MT162 (p,5n+p) >>

Te123 (p,3n+d) or Te119 production log-log



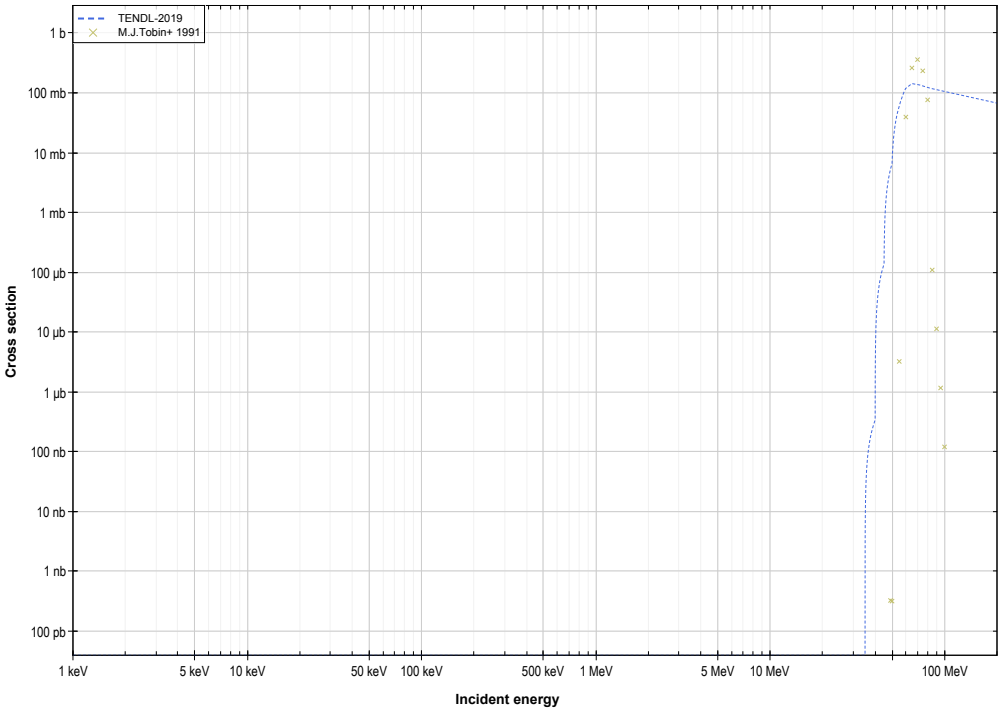
Te123 (p,3n+d) or Te119 production lin-log



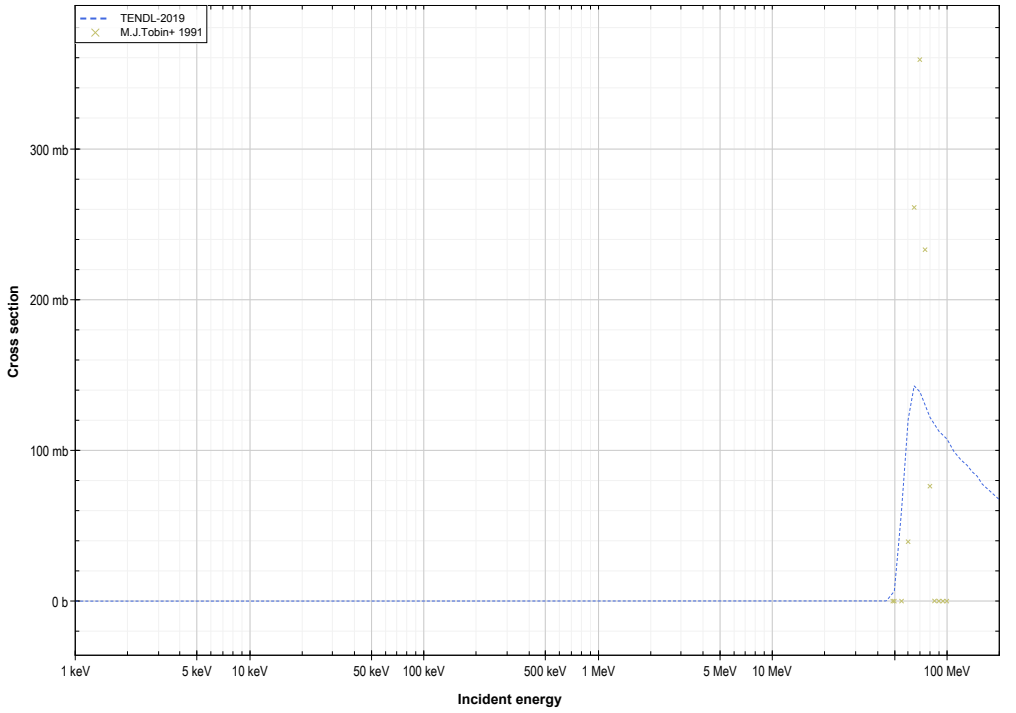
Reaction	Q-Value
Te123(p,2n+t)Te119	-25794.67 keV
Te123(p,3n+d)Te119	-32051.90 keV
Te123(p,4n+p)Te119	-34276.47 keV

<< 50-Sn-118	**52-Te-123**	59-Pr-141 >>
<< MT157 (p,3n+d)	**MT162 (p,5n+p) or MT5 (Te118 production)**	MT169 (p,4n+d) >>

Te123 (p,5n+p) or Te118 production log-log



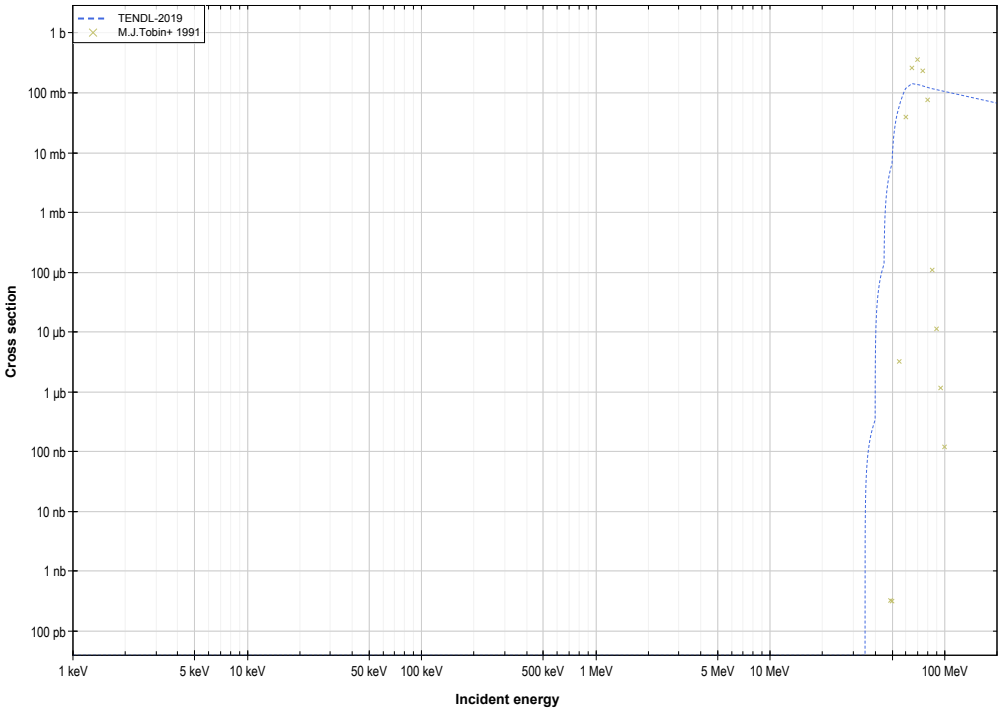
Te123 (p,5n+p) or Te118 production lin-log



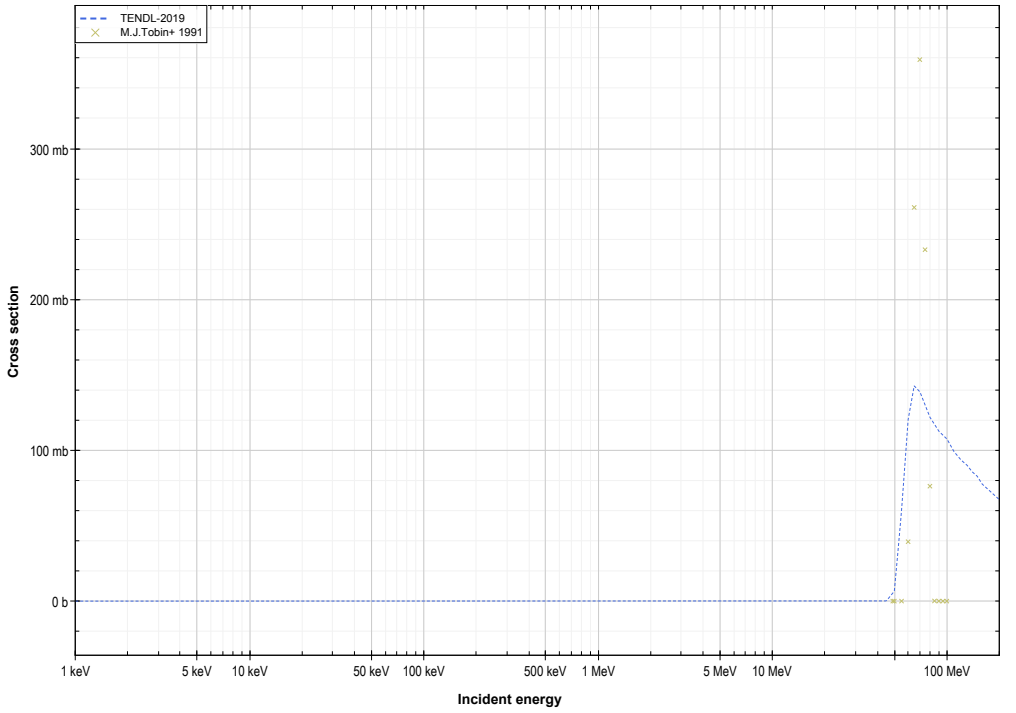
Reaction	Q-Value
Te123(p,3n+t)Te118	-33349.99 keV
Te123(p,4n+d)Te118	-39607.22 keV
Te123(p,5n+p)Te118	-41831.79 keV

<< 50-Sn-118	**52-Te-123**	59-Pr-141 >>
<< MT162 (p,5n+p)	**MT169 (p,4n+d) or MT5 (Te118 production)**	MT172 (p,3n+t) >>

Te123 (p,4n+d) or Te118 production log-log



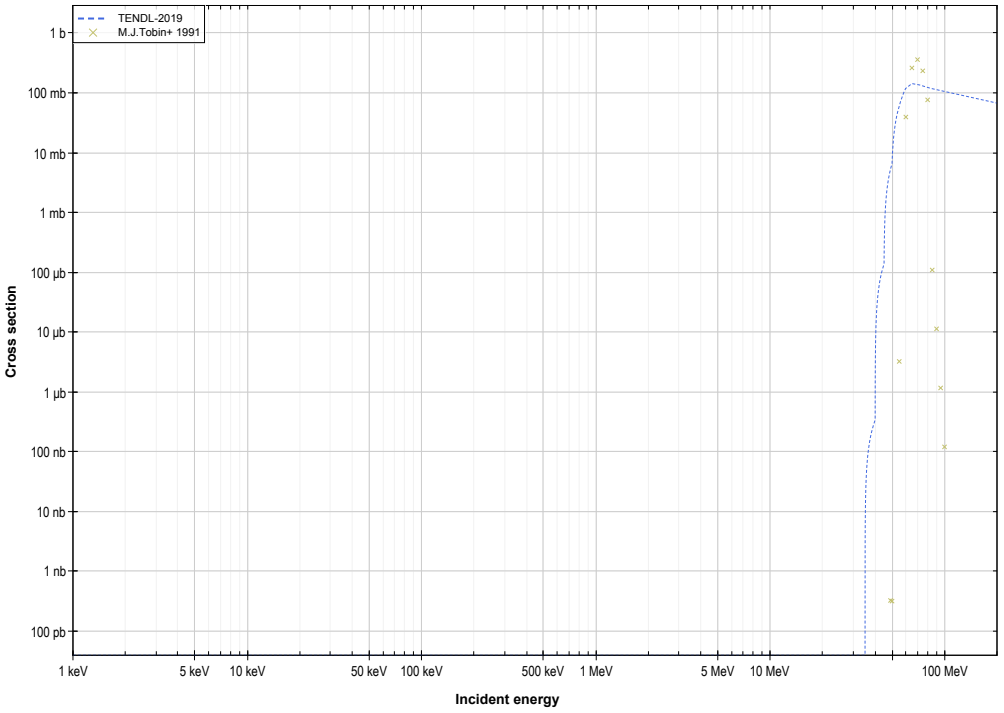
Te123 (p,4n+d) or Te118 production lin-log



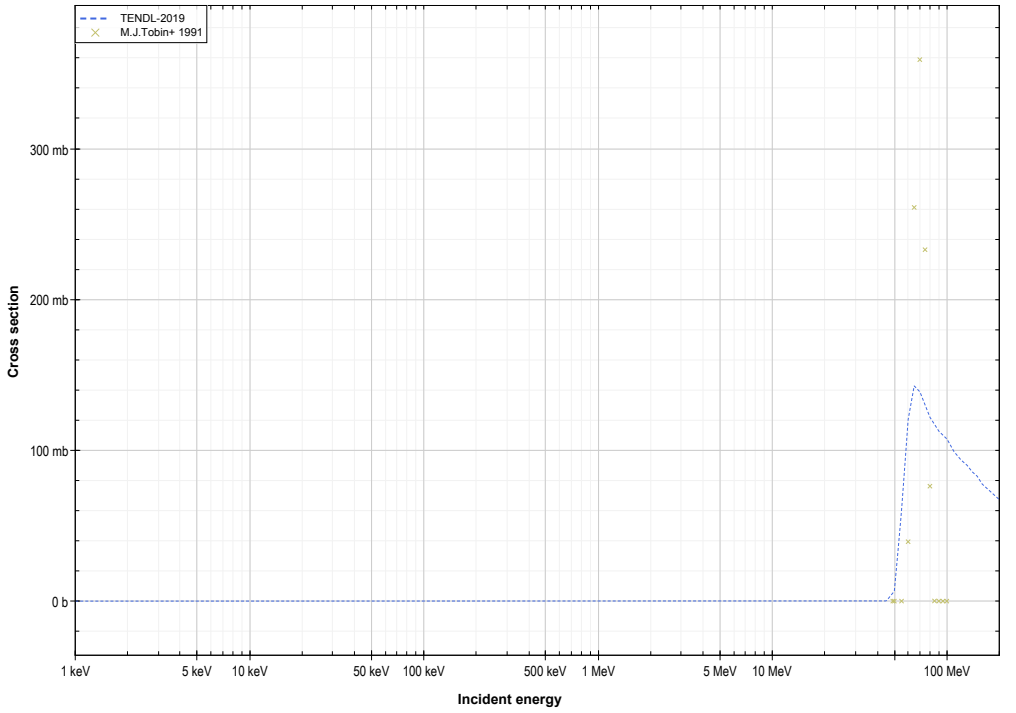
Reaction	Q-Value
Te123(p,3n+t)Te118	-33349.99 keV
Te123(p,4n+d)Te118	-39607.22 keV
Te123(p,5n+p)Te118	-41831.79 keV

<< 50-Sn-118	**52-Te-123**	59-Pr-141 >>
<< MT169 (p,4n+d)	**MT172 (p,3n+t) or MT5 (Te118 production)**	52-Te-124 MT4 (p,n) >>

Te123 (p,3n+t) or Te118 production log-log



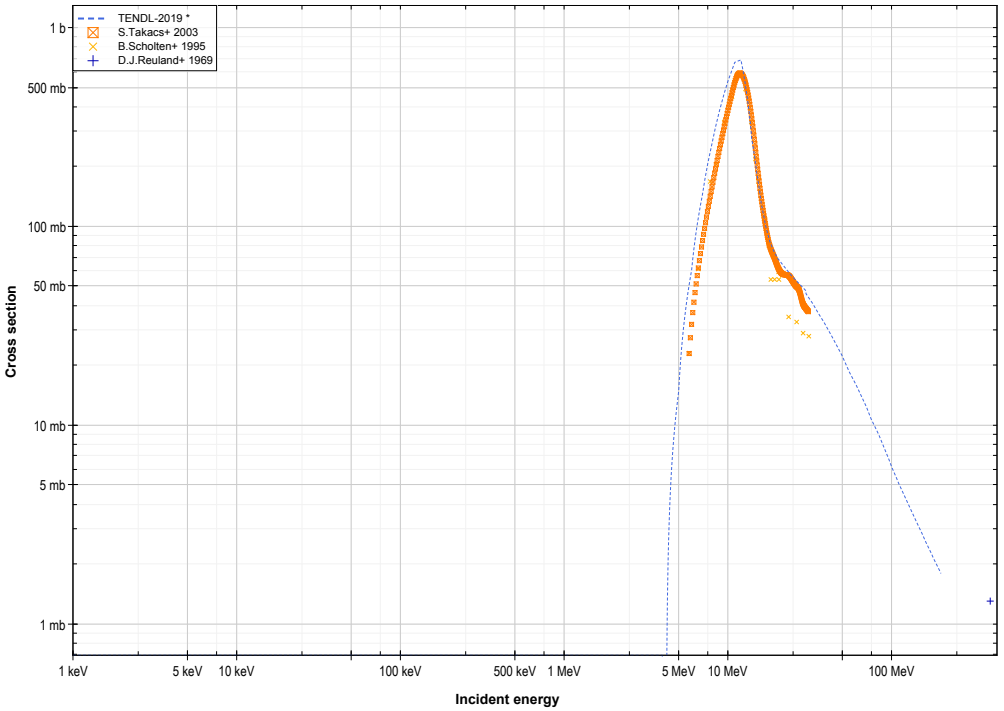
Te123 (p,3n+t) or Te118 production lin-log



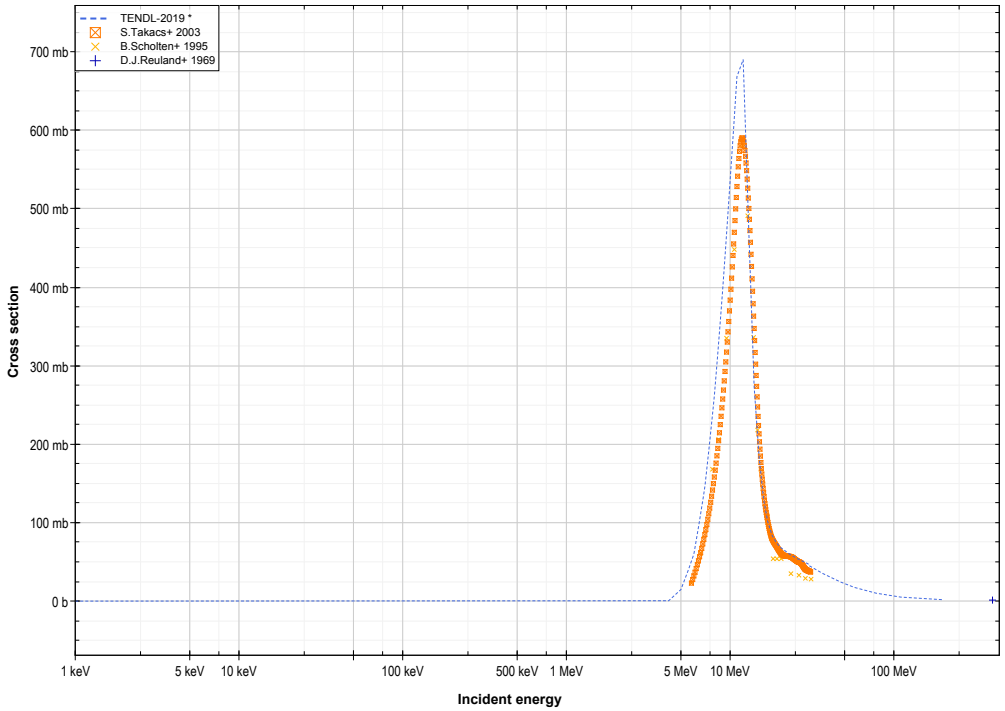
Reaction	Q-Value
Te123(p,3n+t)Te118	-33349.99 keV
Te123(p,4n+d)Te118	-39607.22 keV
Te123(p,5n+p)Te118	-41831.79 keV

<< 52-Te-123	**52-Te-124**	52-Te-125 >>
<< 52-Te-123 MT172 (p,3n+t)	**MT4 (p,n) or MT5 (I124 production)**	MT16 (p,2n) >>

Te124 (p,n) or I124 production log-log



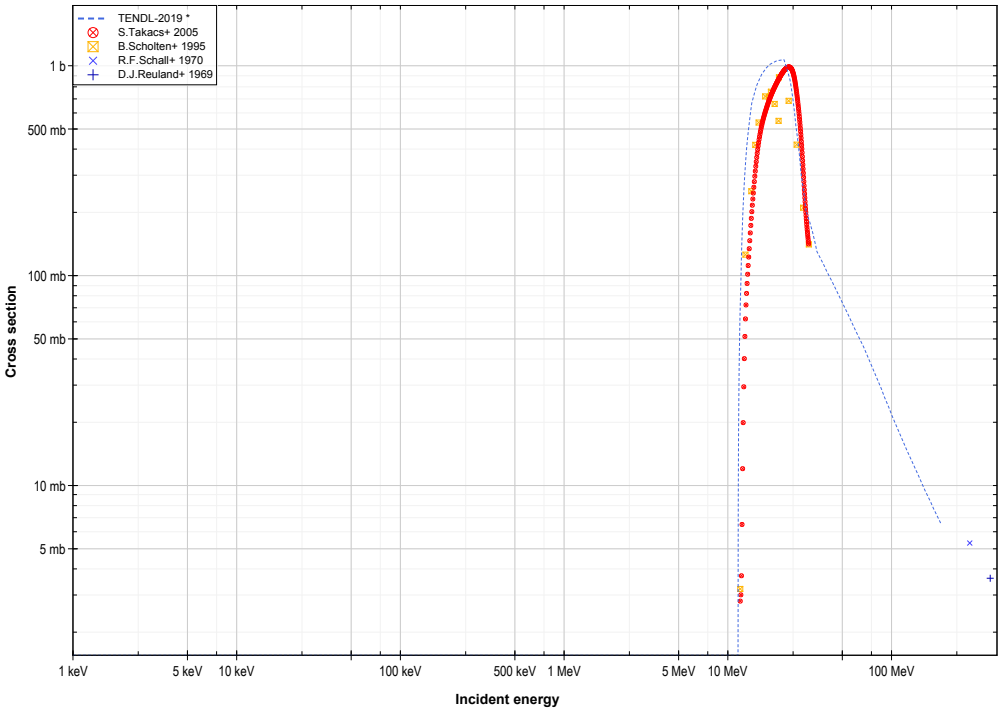
Te124 (p,n) or I124 production lin-log



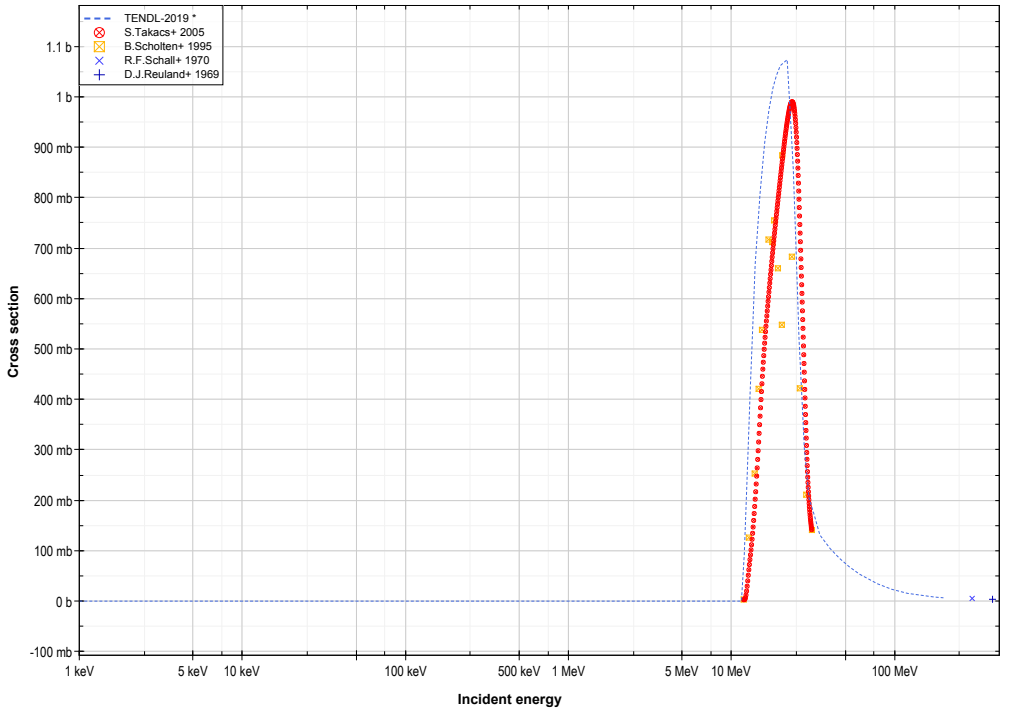
Reaction	Q-Value
Te124(p,n)I124	-3941.95 keV

<< 52-Te-123	**52-Te-124**	52-Te-125 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (I123 production)**	MT28 (p,n+p) >>

Te124 (p,2n) or I123 production log-log



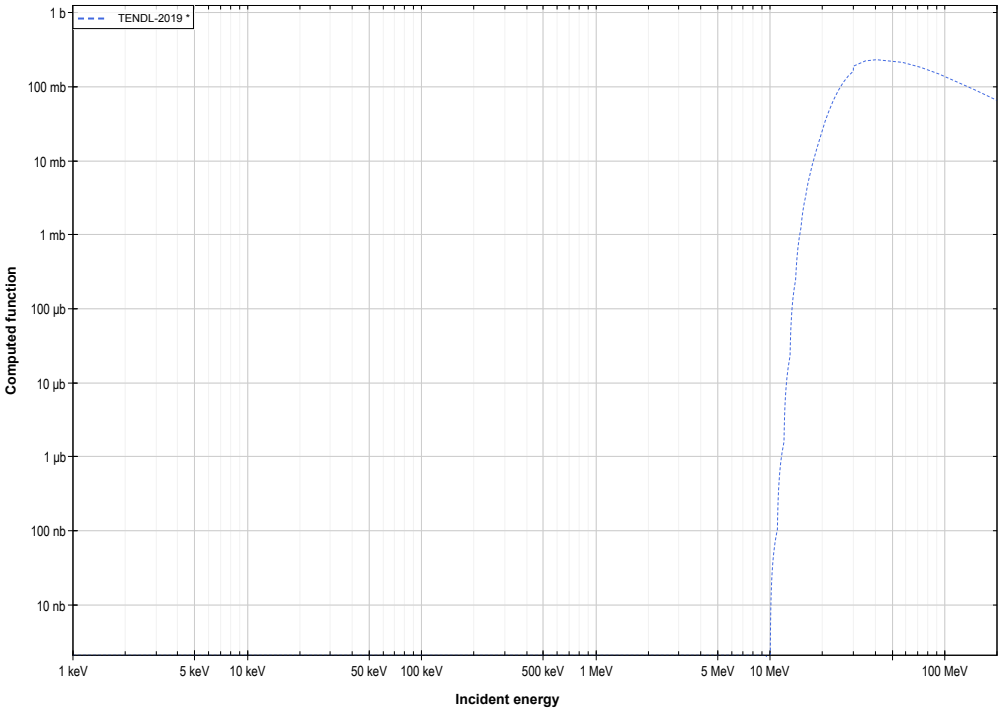
Te124 (p,2n) or I123 production lin-log



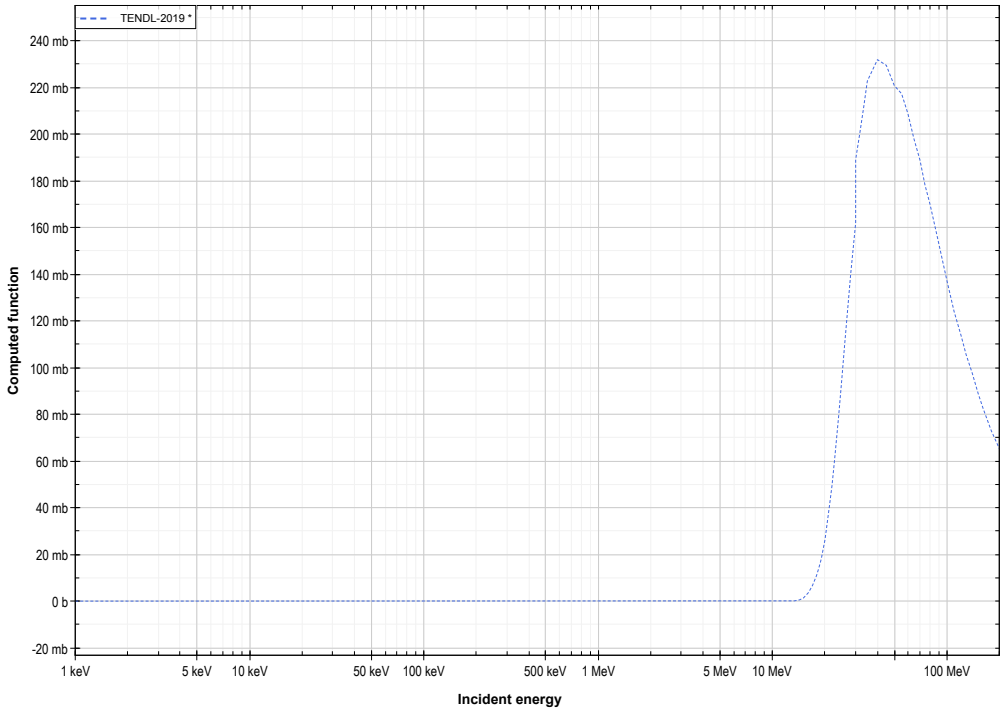
Reaction	Q-Value
Te124(p,2n)I123	-11434.96 keV

<< 51-Sb-123	**52-Te-124**	52-Te-126 >>
<< MT16 (p,2n)	**MT28 (p,n+p) or MT5 (Te123 production)**	52-Te-125 MT4 (p,n) >>

Te124 (p,n+p) or Te123 production log-log



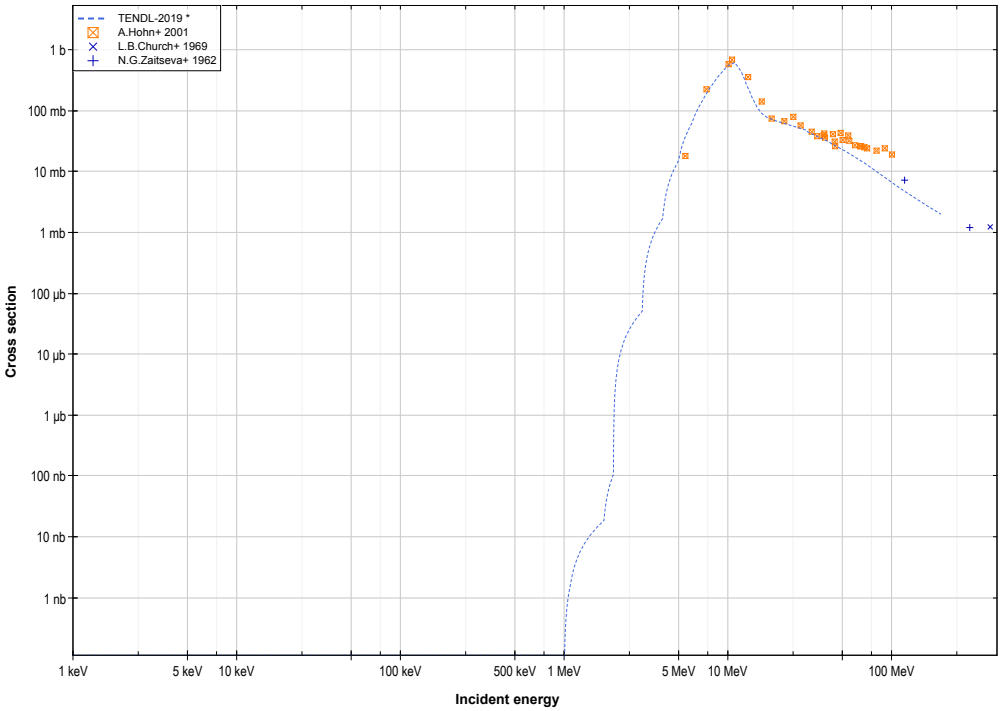
Te124 (p,n+p) or Te123 production lin-log



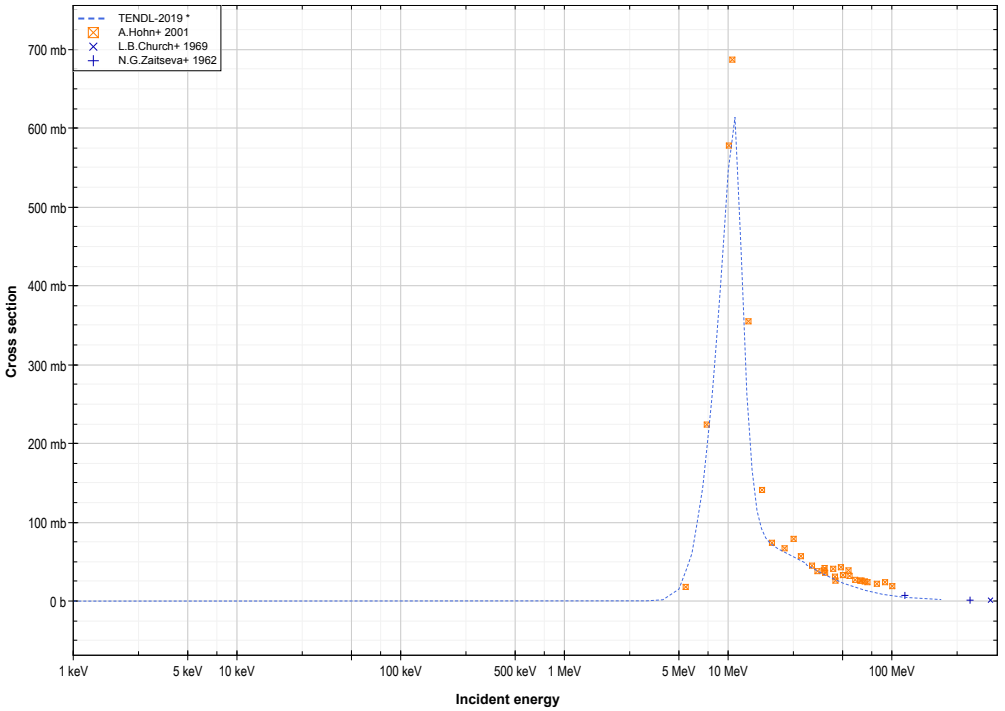
Reaction	Q-Value
Te124(p,d)Te123	-7199.85 keV
Te124(p,n+p)Te123	-9424.42 keV

<< 52-Te-124	**52-Te-125**	52-Te-126 >>
<< 52-Te-124 MT28 (p,n+p)	**MT4 (p,n) or MT5 (I125 production)**	MT16 (p,2n) >>

Te125 (p,n) or I125 production log-log



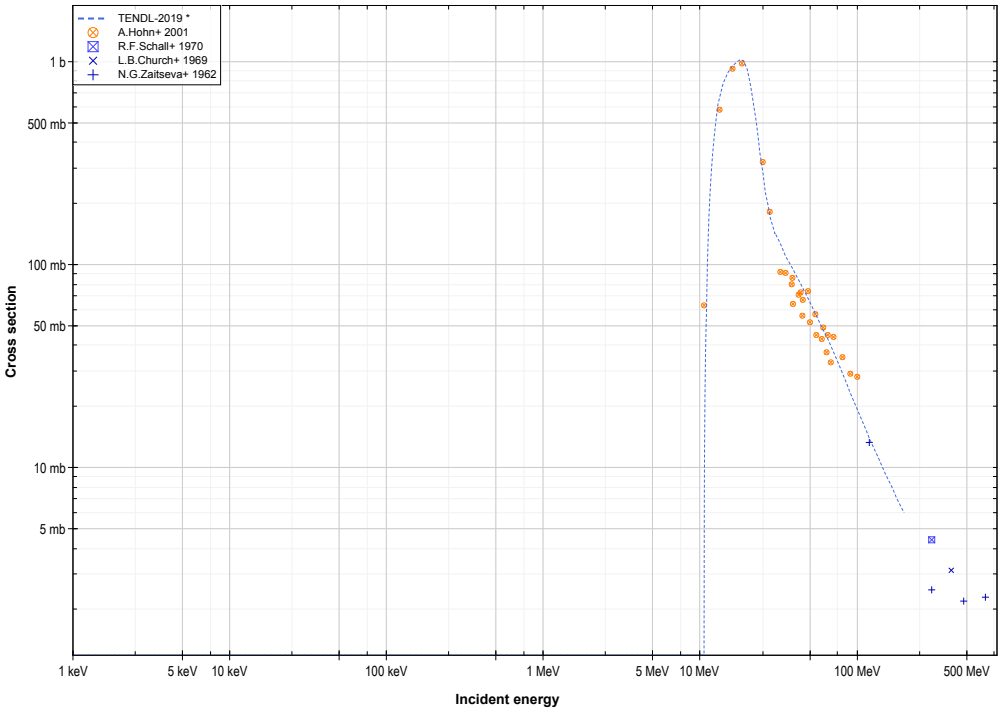
Te125 (p,n) or I125 production lin-log



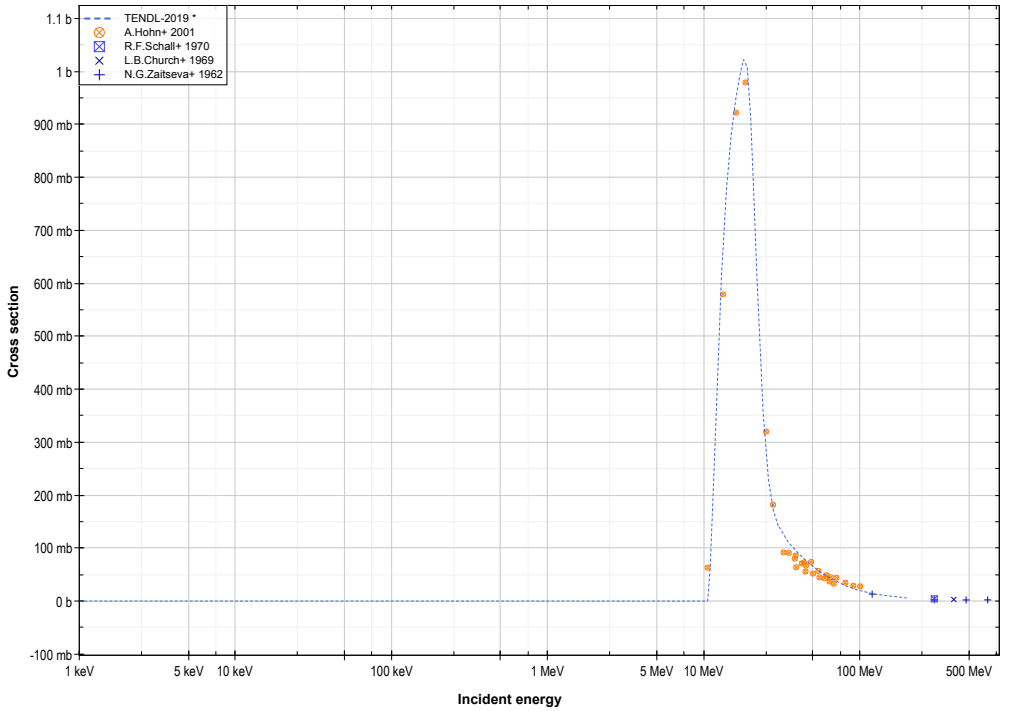
Reaction	Q-Value
Te125(p,n)I125	-968.15 keV

<< 52-Te-124	**52-Te-125**	52-Te-126 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (I124 production)**	MT17 (p,3n) >>

Te125 (p,2n) or I124 production log-log



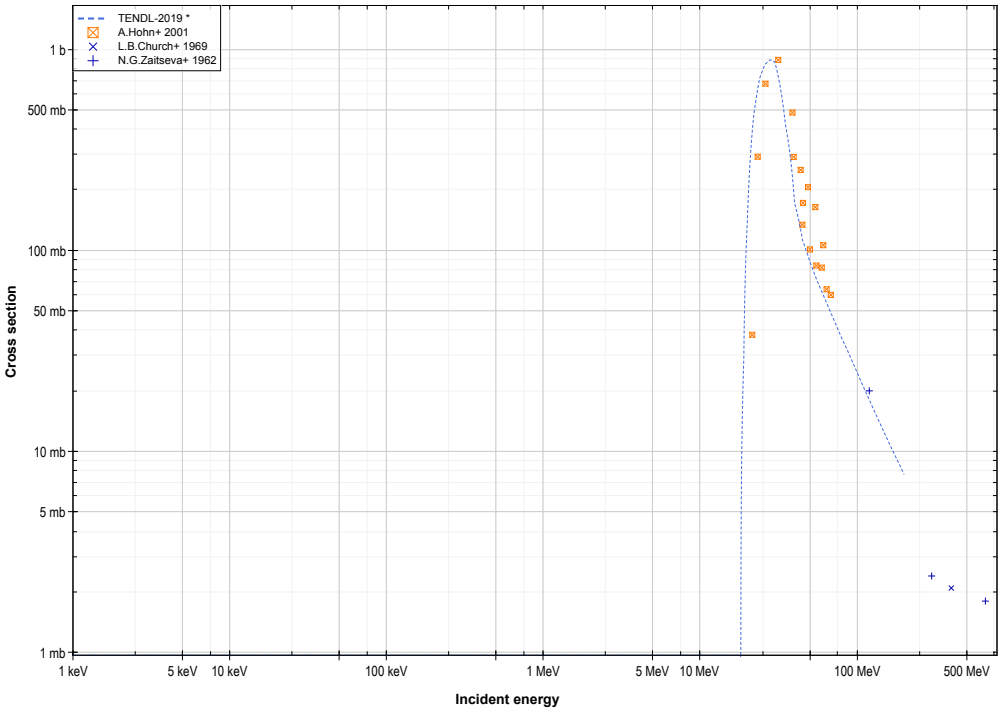
Te125 (p,2n) or I124 production lin-log



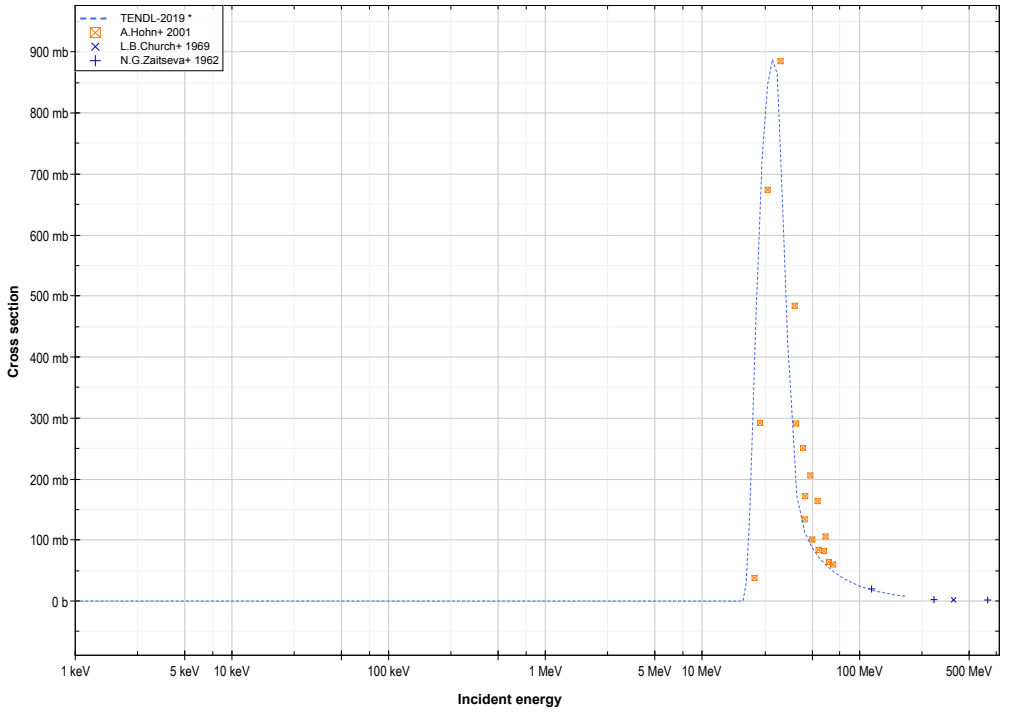
Reaction	Q-Value
Te125(p,2n)I124	-10510.96 keV

<< 52-Te-122	**52-Te-125**	52-Te-126 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (I123 production)**	MT24 (p,2n+α) >>

Te125 (p,3n) or I123 production log-log



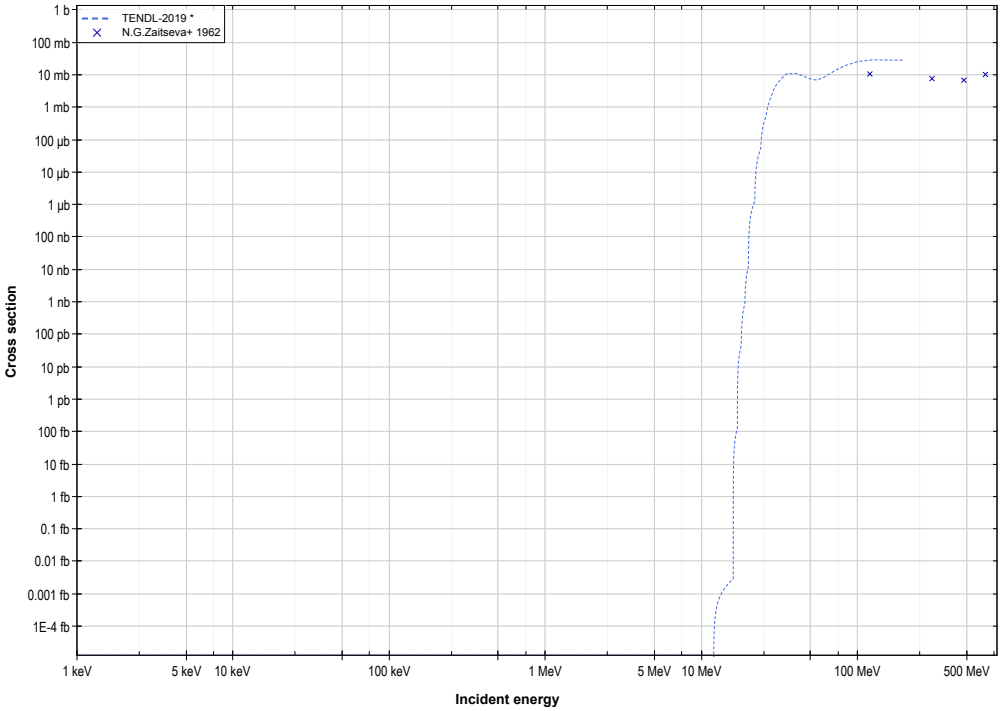
Te125 (p,3n) or I123 production lin-log



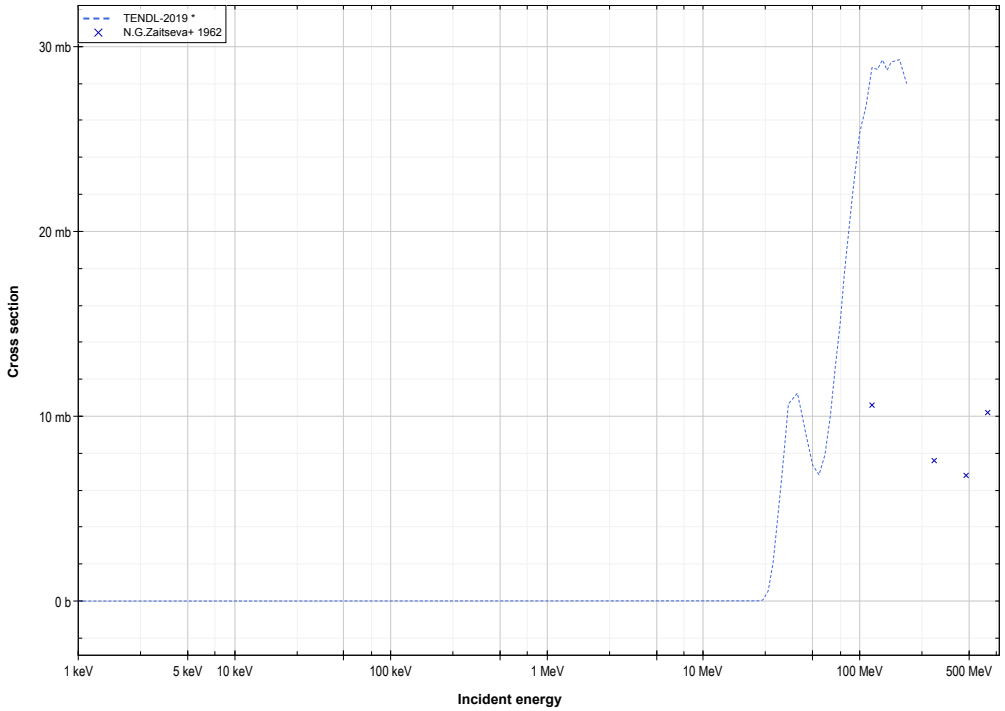
Reaction	Q-Value
Te125(p,3n)I123	-18003.98 keV

<< 42-Mo-100	**52-Te-125**	54-Xe-124 >>
<< MT17 (p,3n)	**MT24 (p,2n+α) or MT5 (Sb120 production)**	MT25 (p,3n+α) >>

Te125 (p,2n+α) or Sb120 production log-log



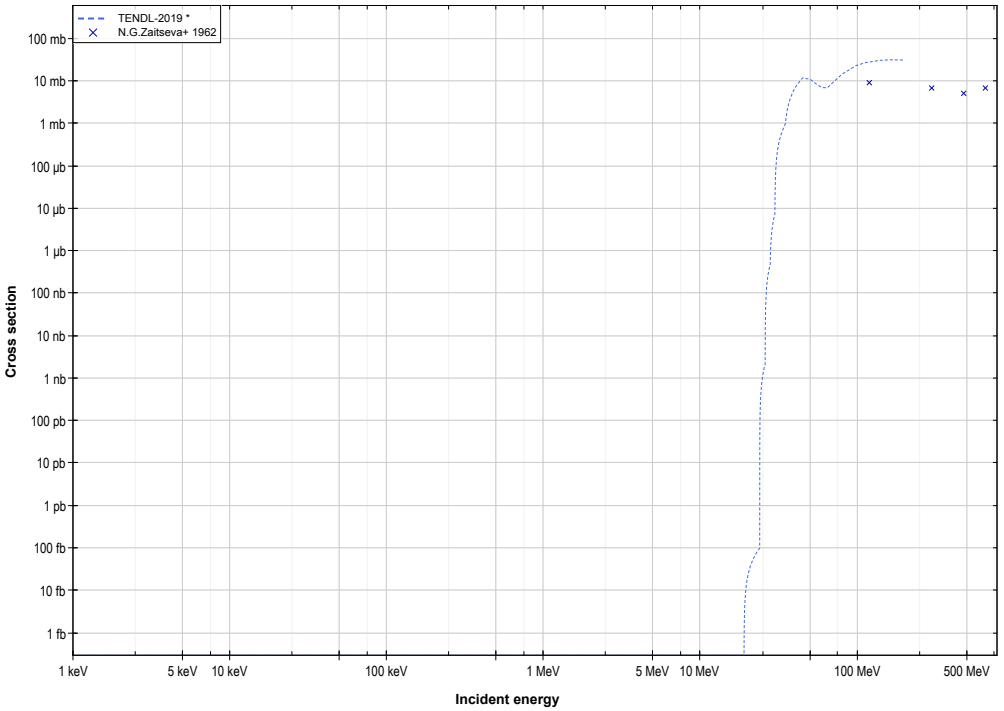
Te125 (p,2n+α) or Sb120 production lin-log



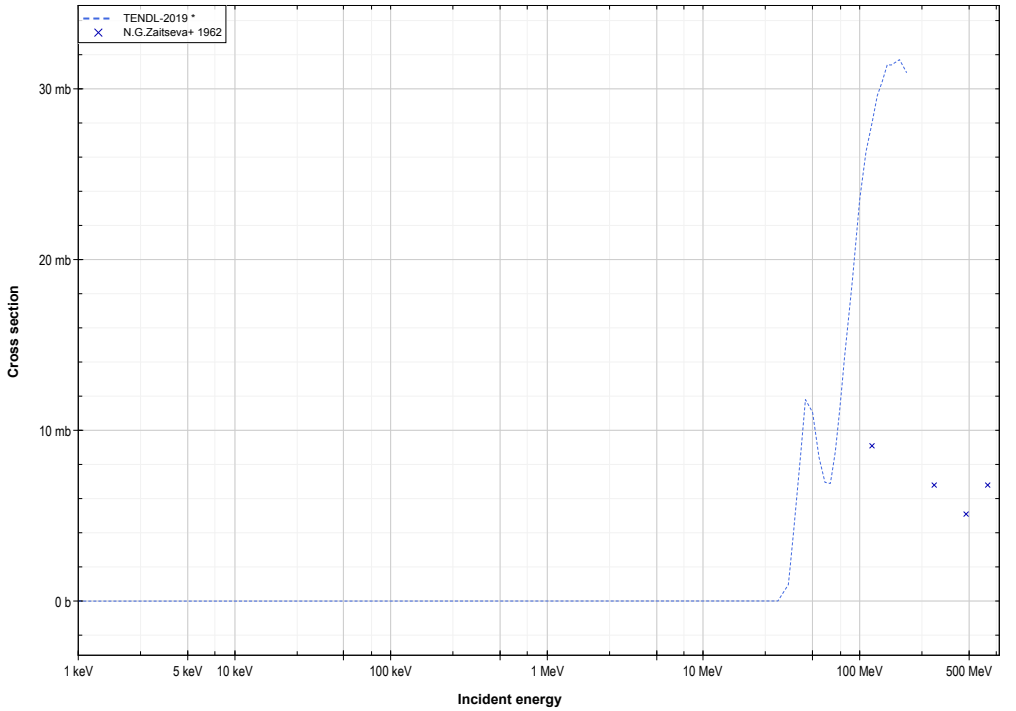
Reaction	Q-Value
Te125(p,2n+α)Sb120	-11883.58 keV
Te125(p,2t)Sb120	-23215.65 keV
Te125(p,n+d+t)Sb120	-29472.88 keV
Te125(p,2n+p+t)Sb120	-31697.44 keV
Te125(p,3n+He3)Sb120	-32461.20 keV
Te125(p,2n+2d)Sb120	-35730.11 keV
Te125(p,3n+p+d)Sb120	-37954.67 keV
Te125(p,4n+2p)Sb120	-40179.24 keV

<< 45-Rh-103	**52-Te-125**	52-Te-126 >>
<< MT24 (p,2n+α)	**MT25 (p,3n+α) or MT5 (Sb119 production)**	MT34 (p,n+³He) >>

Te125 (p,3n+α) or Sb119 production log-log



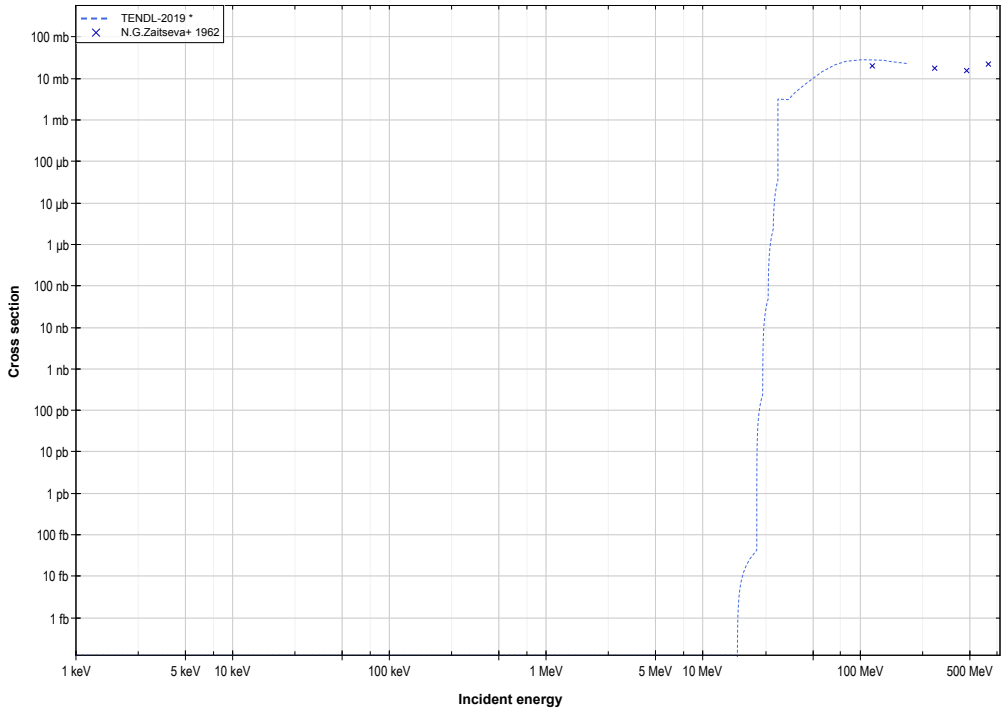
Te125 (p,3n+α) or Sb119 production lin-log



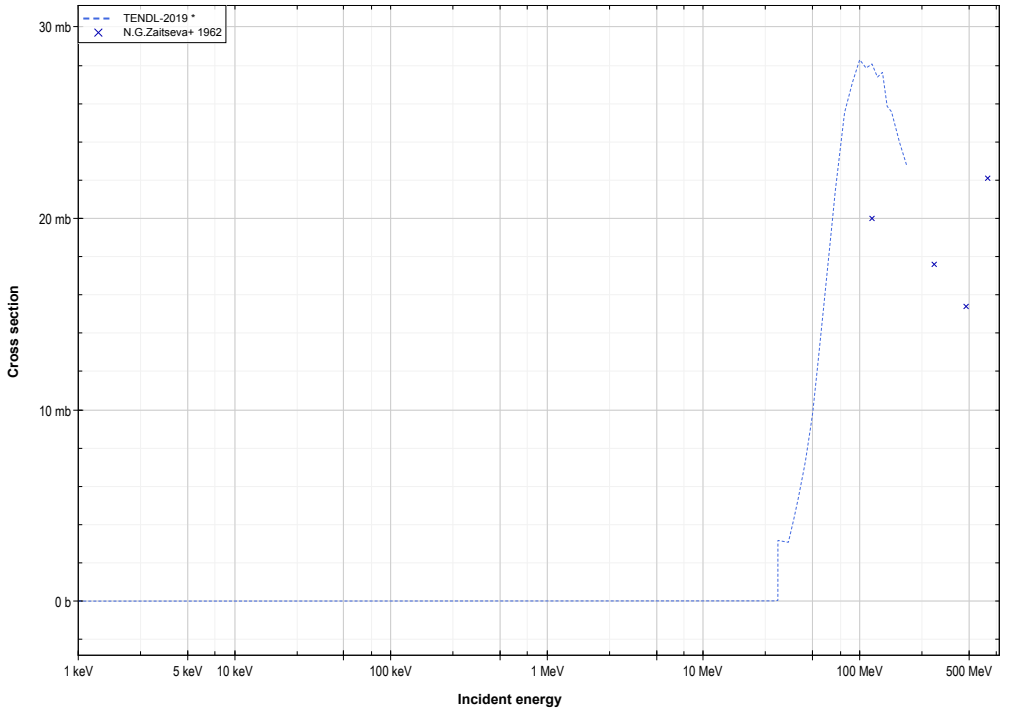
Reaction	Q-Value
Te125(p,3n+α)Sb119	-18898.90 keV
Te125(p,n+2t)Sb119	-30230.97 keV
Te125(p,2n+d+t)Sb119	-36488.20 keV
Te125(p,3n+p+t)Sb119	-38712.76 keV
Te125(p,4n+He3)Sb119	-39476.52 keV
Te125(p,3n+2d)Sb119	-42745.42 keV
Te125(p,4n+p+d)Sb119	-44969.99 keV
Te125(p,5n+2p)Sb119	-47194.56 keV

<< 28-Ni-58	**52-Te-125**	
<< MT25 (p,3n+α)	**MT34 (p,n+³He) or MT5 (Sb122 production)**	MT37 (p,4n) >>

Te125 (p,n+³He) or Sb122 production log-log



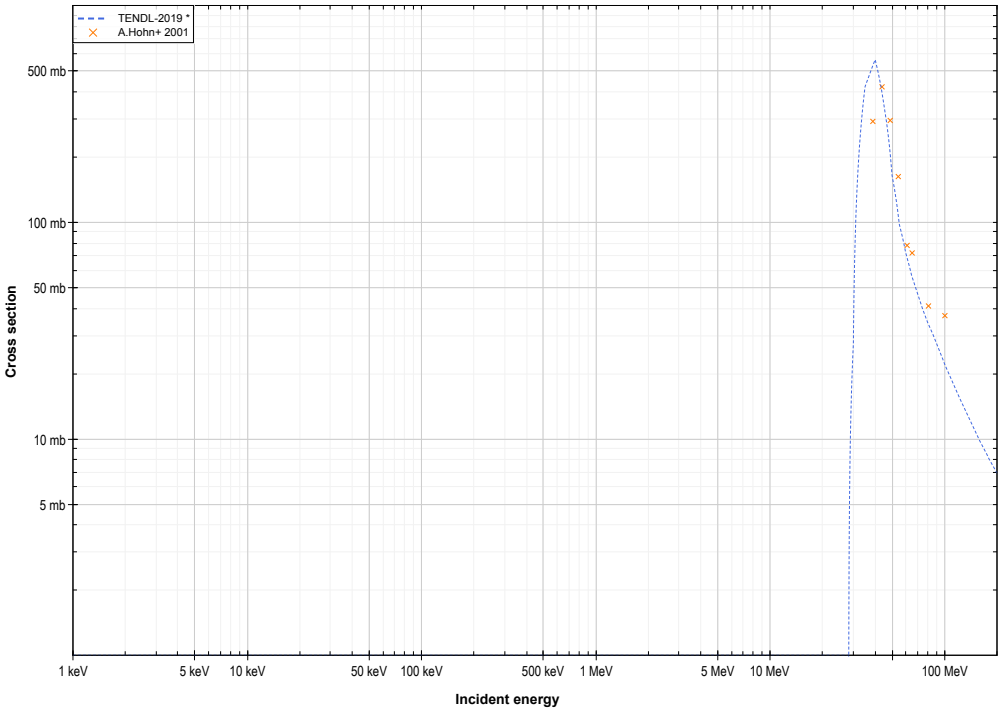
Te125 (p,n+³He) or Sb122 production lin-log



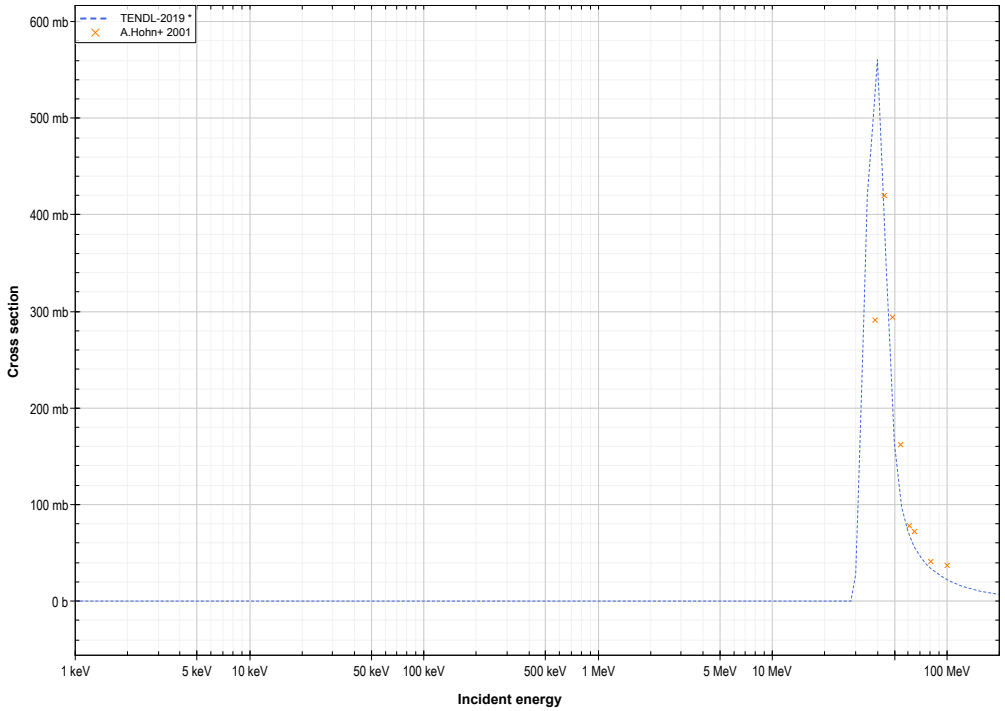
Reaction	Q-Value
Te125(p,α)Sb122	4176.45 keV
Te125(p,p+t)Sb122	-15637.41 keV
Te125(p,n+He3)Sb122	-16401.16 keV
Te125(p,2d)Sb122	-19670.07 keV
Te125(p,n+p+d)Sb122	-21894.64 keV
Te125(p,2n+2p)Sb122	-24119.20 keV

<< 52-Te-122	**52-Te-125**	52-Te-126 >>
<< MT34 (p,n+^{3}He)	**MT37 (p,4n) or MT5 (I122 production)**	MT102 (p,γ) >>

Te125 (p,4n) or I122 production log-log



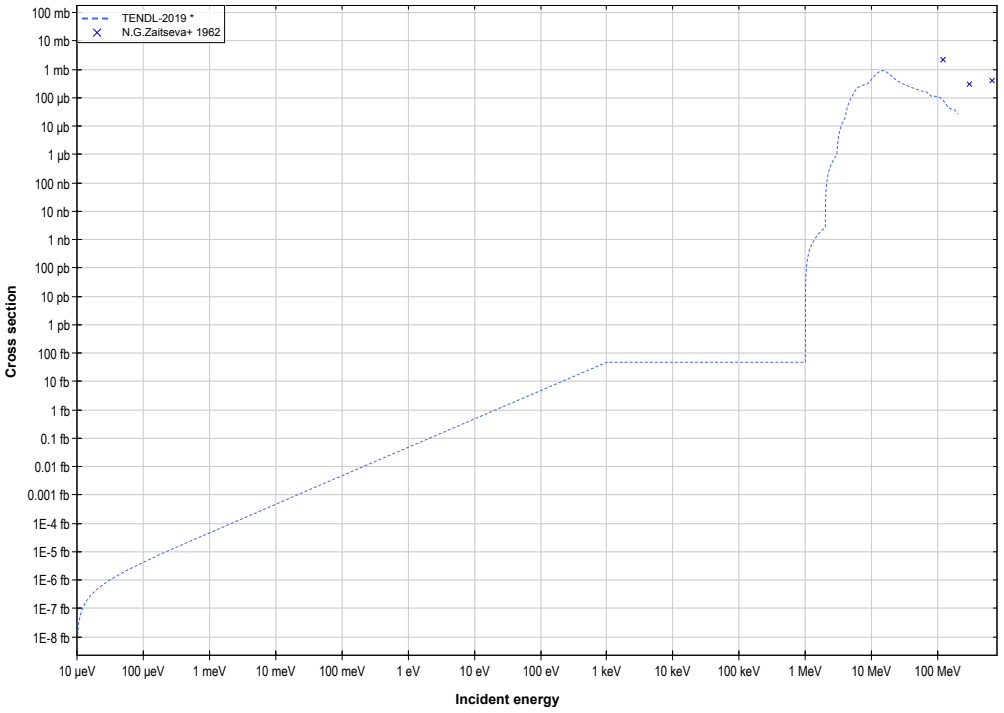
Te125 (p,4n) or I122 production lin-log



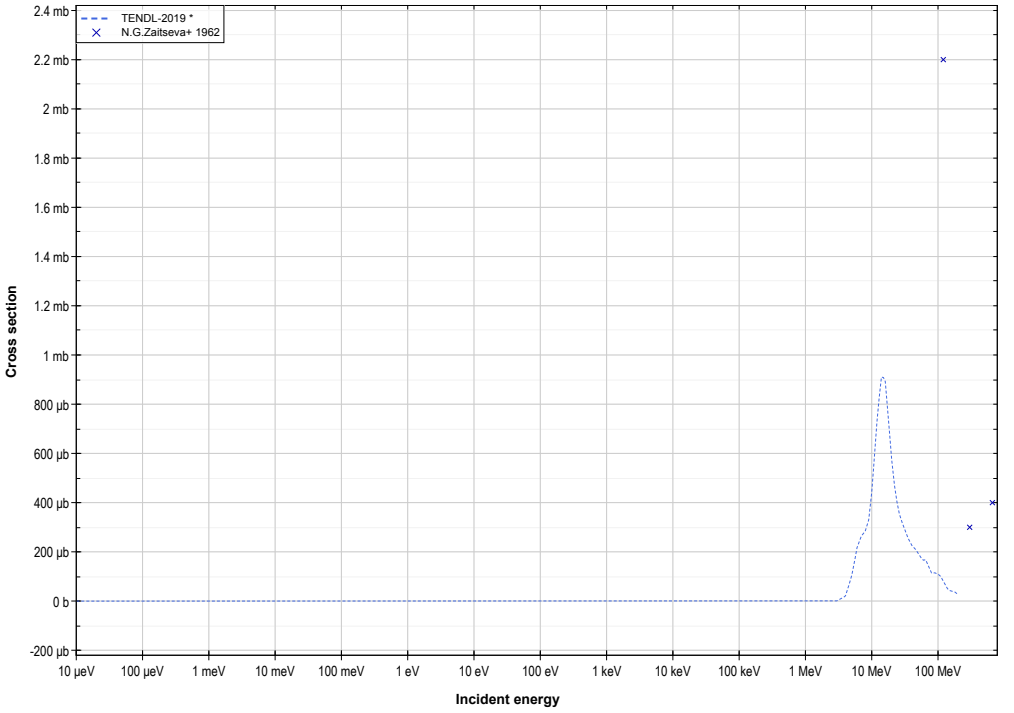
Reaction	Q-Value
Te125(p,4n)I122	-27939.30 keV

<< 50-Sn-112	**52-Te-125**	52-Te-130 >>
<< MT37 (p,4n)	**MT102 (p,γ) or MT5 (I126 production)**	MT107 (p,α) >>

Te125 (p,γ) or I126 production log-log



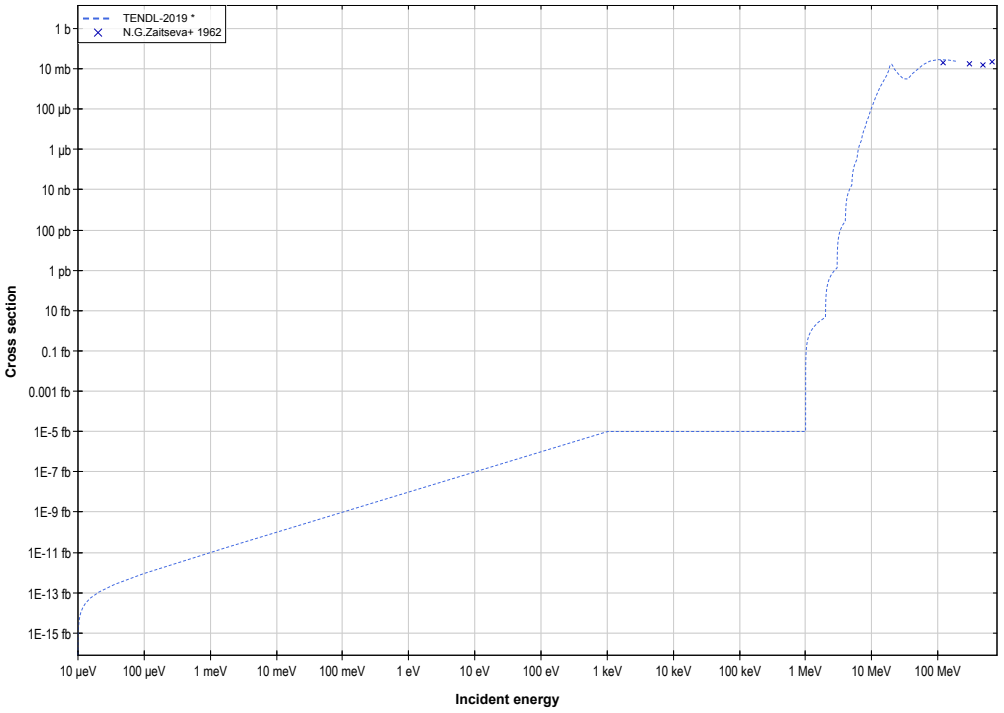
Te125 (p,γ) or I126 production lin-log



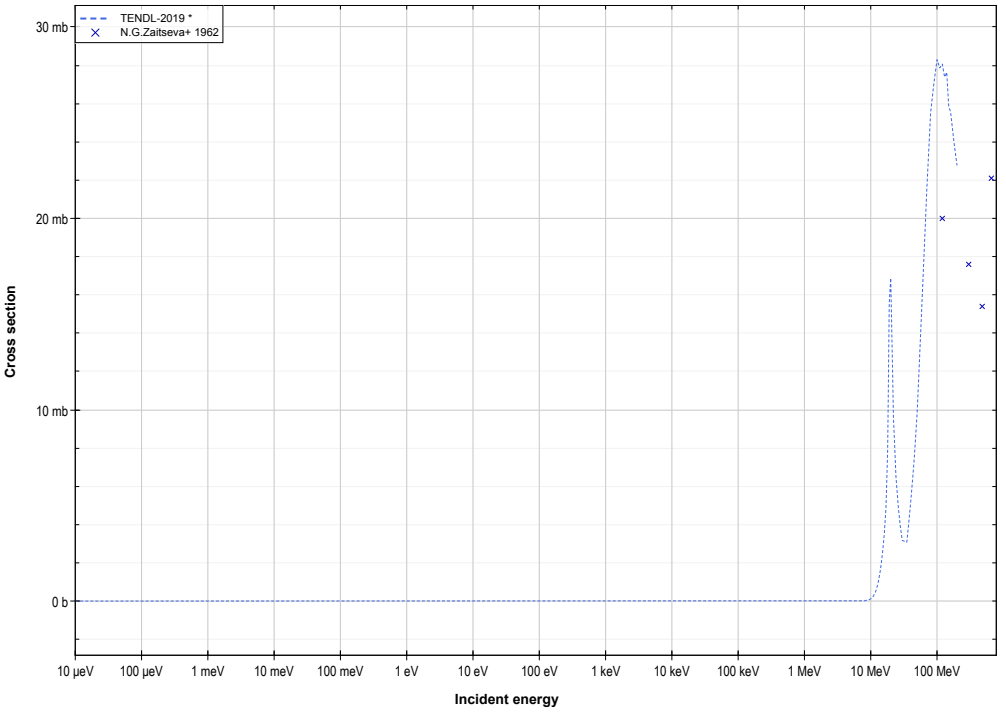
Reaction	Q-Value
Te125(p,γ)I126	6176.97 keV

<< 50-Sn-120	**52-Te-125**	54-Xe-124 >>
<< MT102 (p,γ)	**MT107 (p,α) or MT5 (Sb122 production)**	MT111 (p,2p) >>

Te125 (p,α) or Sb122 production log-log



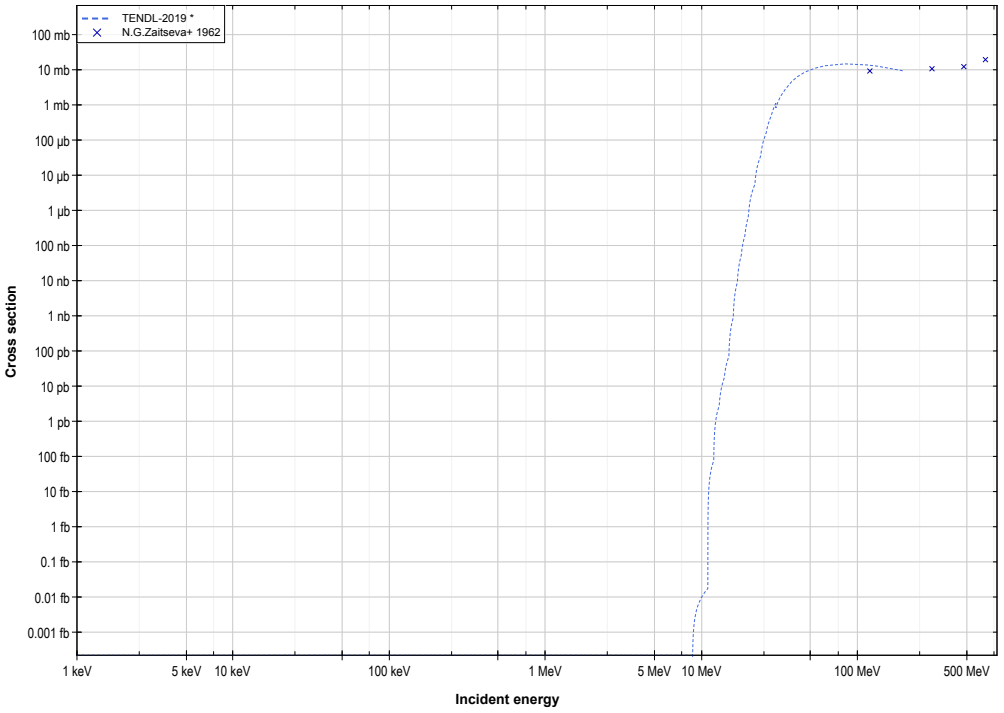
Te125 (p,α) or Sb122 production lin-log



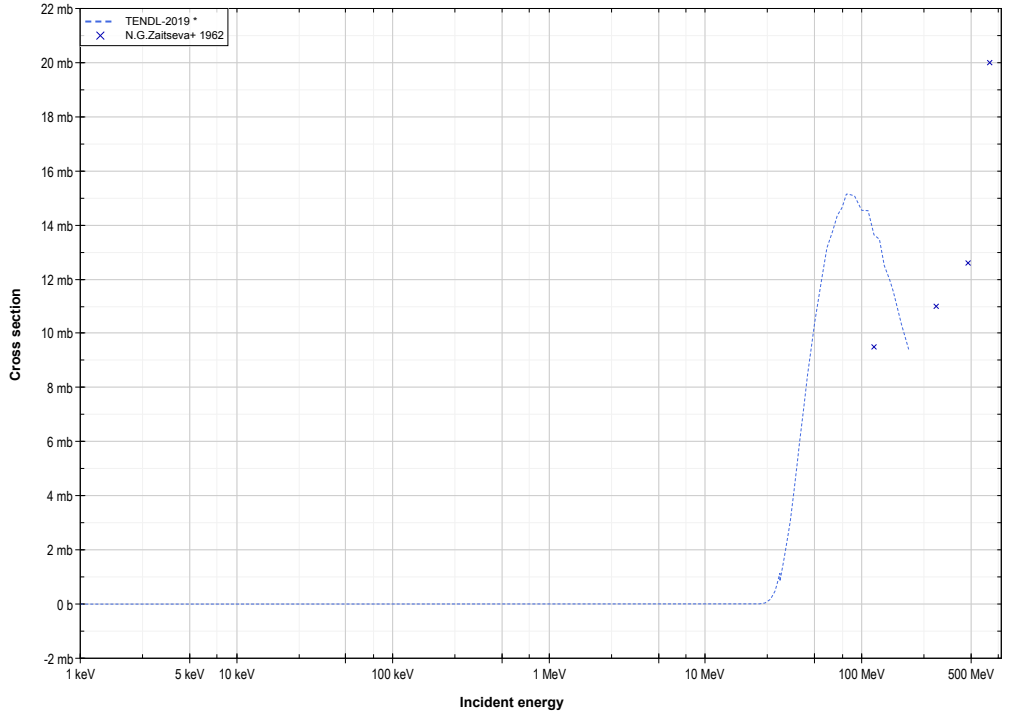
Reaction	Q-Value
Te125(p,α)Sb122	4176.45 keV
Te125(p,p+t)Sb122	-15637.41 keV
Te125(p,n+He3)Sb122	-16401.16 keV
Te125(p,2d)Sb122	-19670.07 keV
Te125(p,n+p+d)Sb122	-21894.64 keV
Te125(p,2n+2p)Sb122	-24119.20 keV

<< 52-Te-123	**52-Te-125**	52-Te-126 >>
<< MT107 (p,α)	**MT111 (p,2p) or MT5 (Sb124 production)**	MT116 (p,p+t) >>

Te125 (p,2p) or Sb124 production log-log



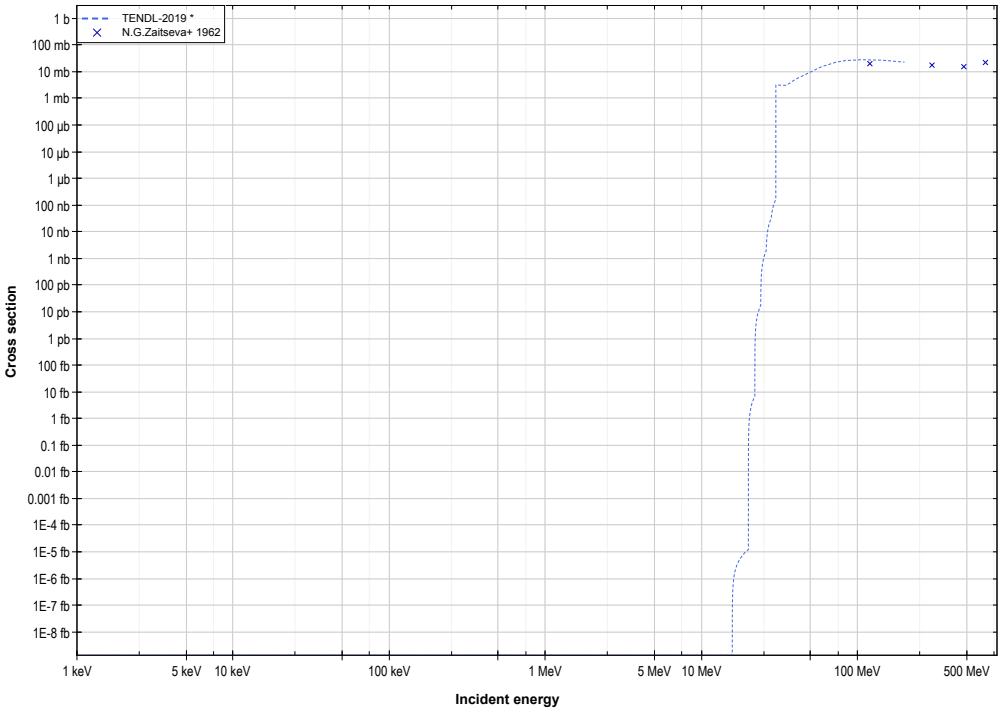
Te125 (p,2p) or Sb124 production lin-log



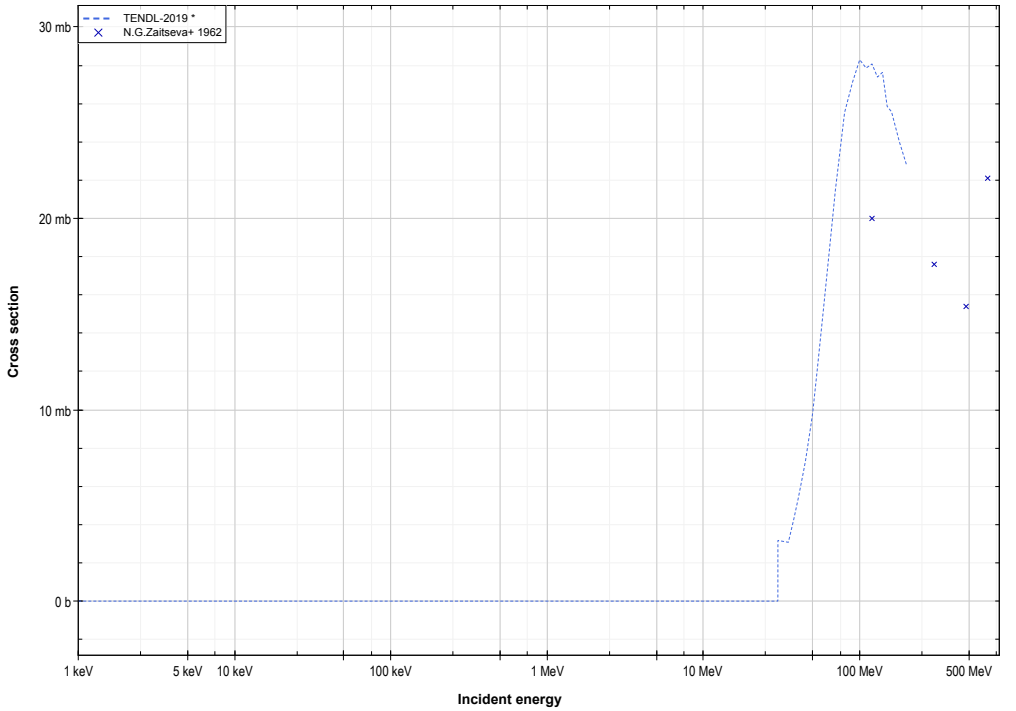
Reaction	Q-Value
Te125(p,2p)Sb124	-8691.77 keV

<< 28-Ni-58	**52-Te-125**	
<< MT111 (p,2p)	**MT116 (p,p+t) or MT5 (Sb122 production)**	MT152 (p,5n) >>

Te125 (p,p+t) or Sb122 production log-log



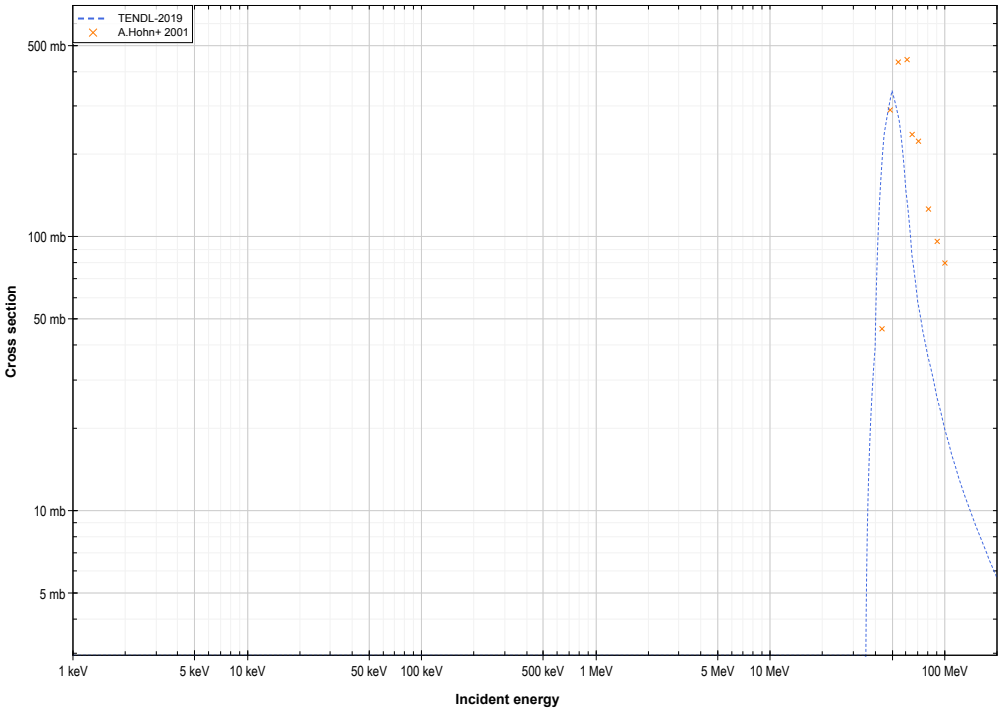
Te125 (p,p+t) or Sb122 production lin-log



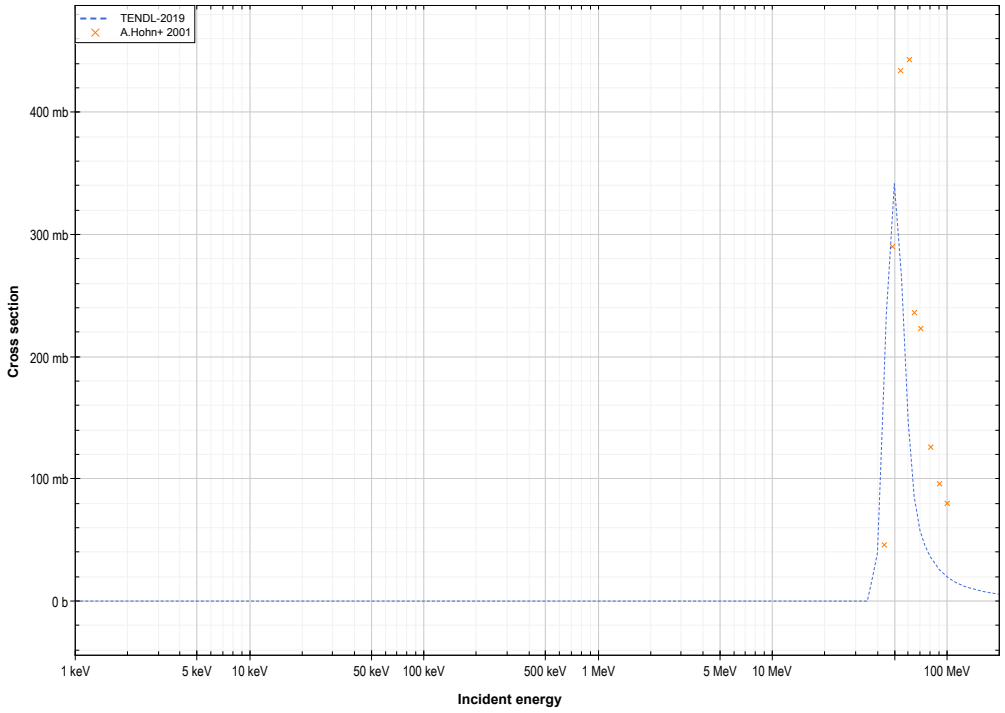
Reaction	Q-Value
Te125(p,α)Sb122	4176.45 keV
Te125(p,p+t)Sb122	-15637.41 keV
Te125(p,n+He3)Sb122	-16401.16 keV
Te125(p,2d)Sb122	-19670.07 keV
Te125(p,n+p+d)Sb122	-21894.64 keV
Te125(p,2n+2p)Sb122	-24119.20 keV

<< 50-Sn-124	**52-Te-125**	53-I-127 >>
<< MT116 (p,p+t)	**MT152 (p,5n) or MT5 (I121 production)**	MT153 (p,6n) >>

Te125 (p,5n) or I121 production log-log



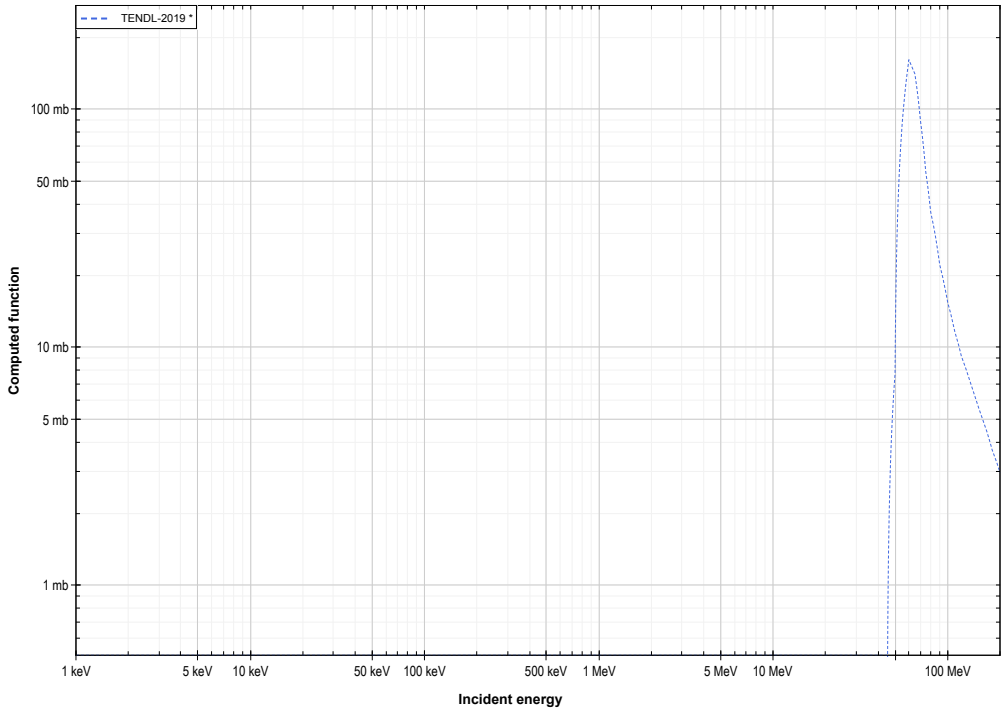
Te125 (p,5n) or I121 production lin-log



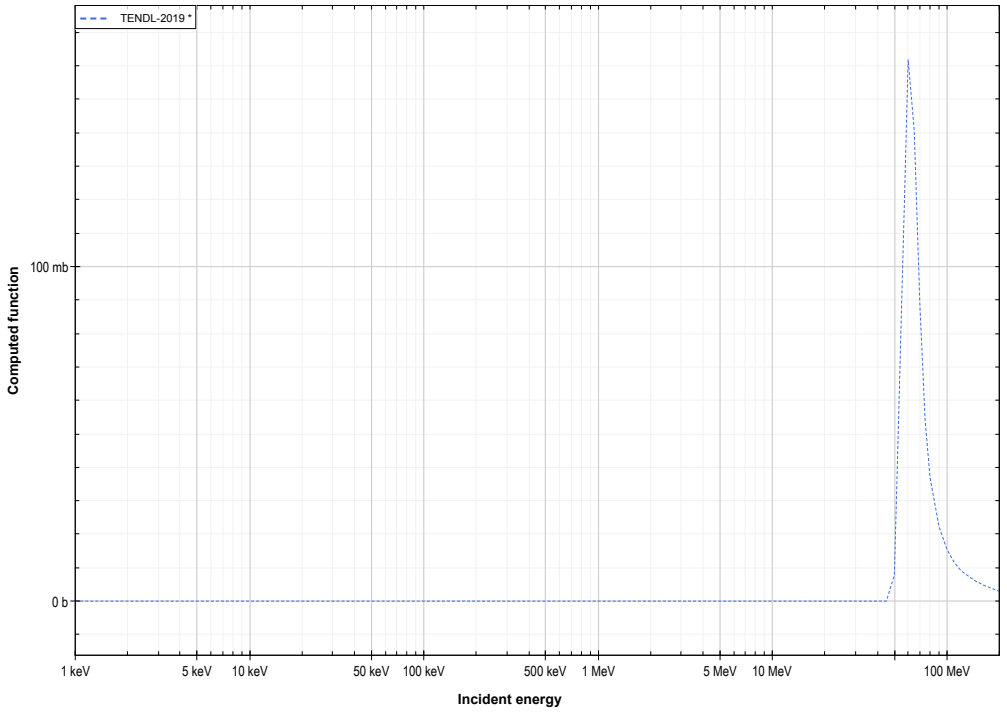
Reaction	Q-Value
Te125(p,5n)I121	-35839.61 keV

<< 48-Cd-116	**52-Te-125**	53-I-127 >>
<< MT152 (p,5n)	**MT153 (p,6n) or MT5 (I120 production)**	MT160 (p,7n) >>

Te125 (p,6n) or I120 production log-log



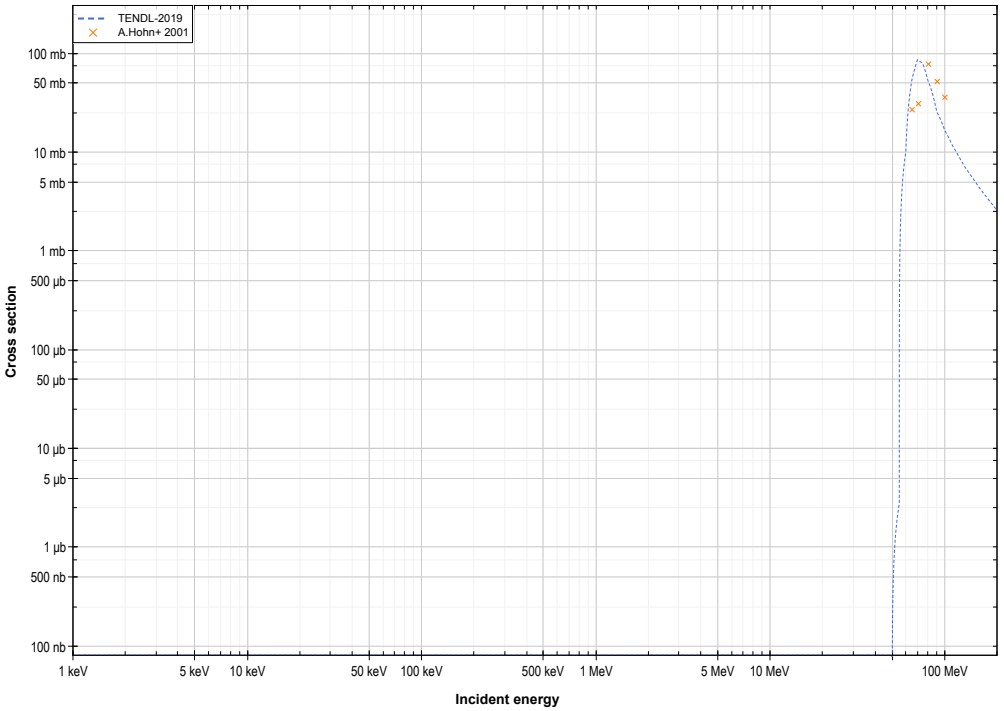
Te125 (p,6n) or I120 production lin-log



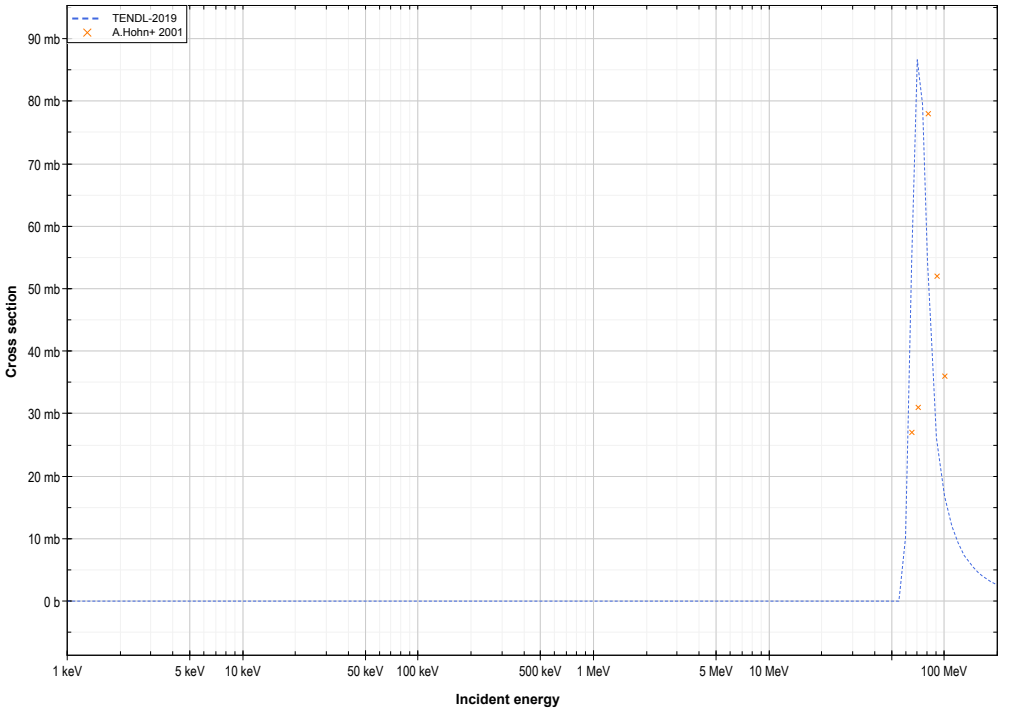
Reaction	Q-Value
Te125(p,6n)I120	-46408.93 keV

<< 50-Sn-124	**52-Te-125**	53-I-127 >>
<< MT153 (p,6n)	**MT160 (p,7n) or MT5 (I119 production)**	MT177 (p,3n+^{3}He) >>

Te125 (p,7n) or I119 production log-log



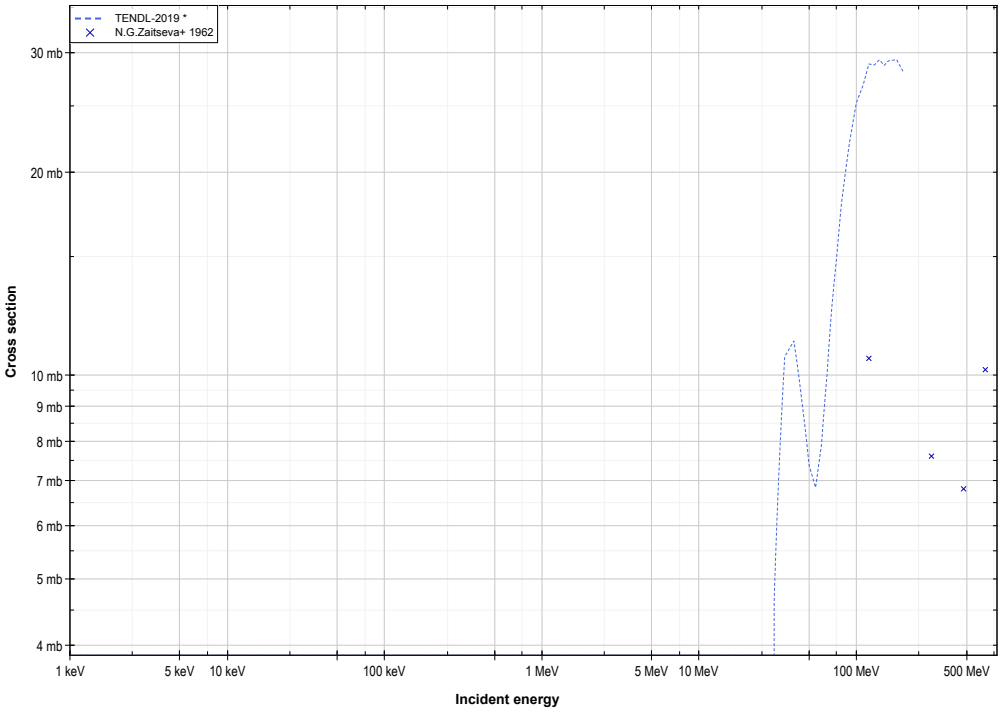
Te125 (p,7n) or I119 production lin-log



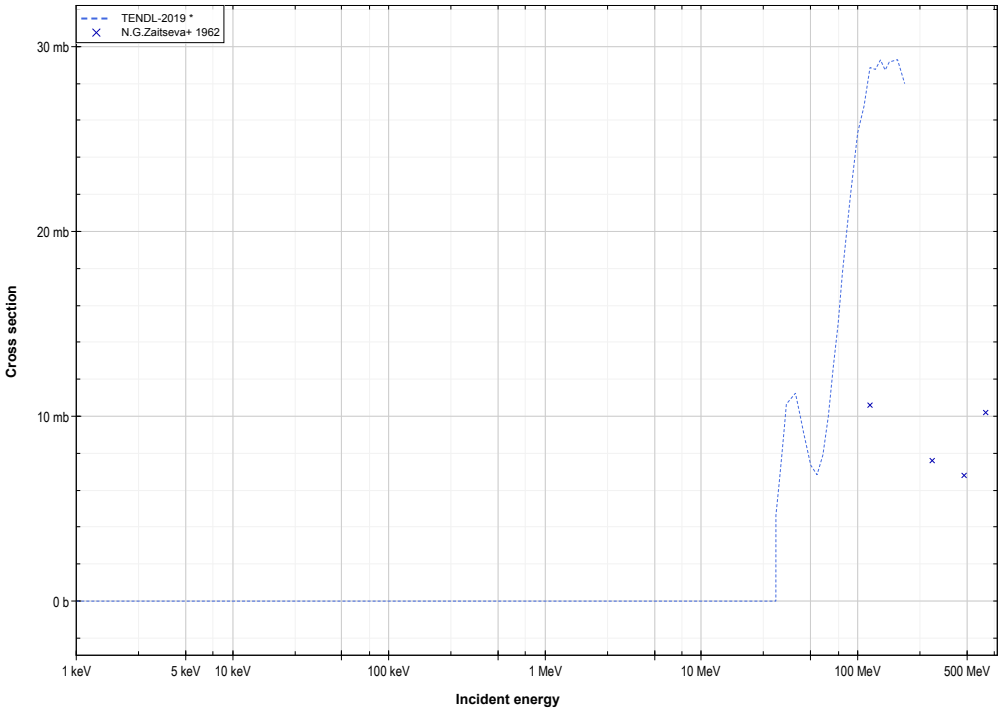
Reaction	Q-Value
Te125(p,7n)I119	-54467.25 keV

<< 42-Mo-100	**52-Te-125**	90-Th-232 >>
<< MT160 (p,7n)	**MT177 (p,3n+³He) or MT5 (Sb120 production)**	MT178 (p,4n+³He) >>

Te125 (p,3n+³He) or Sb120 production log-log



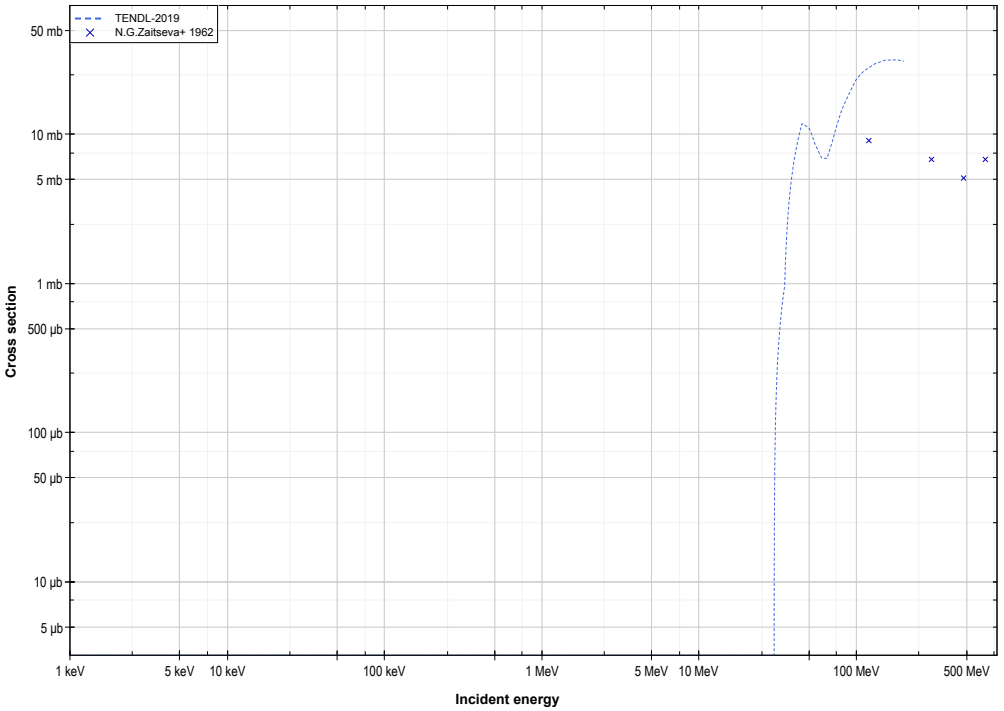
Te125 (p,3n+³He) or Sb120 production lin-log



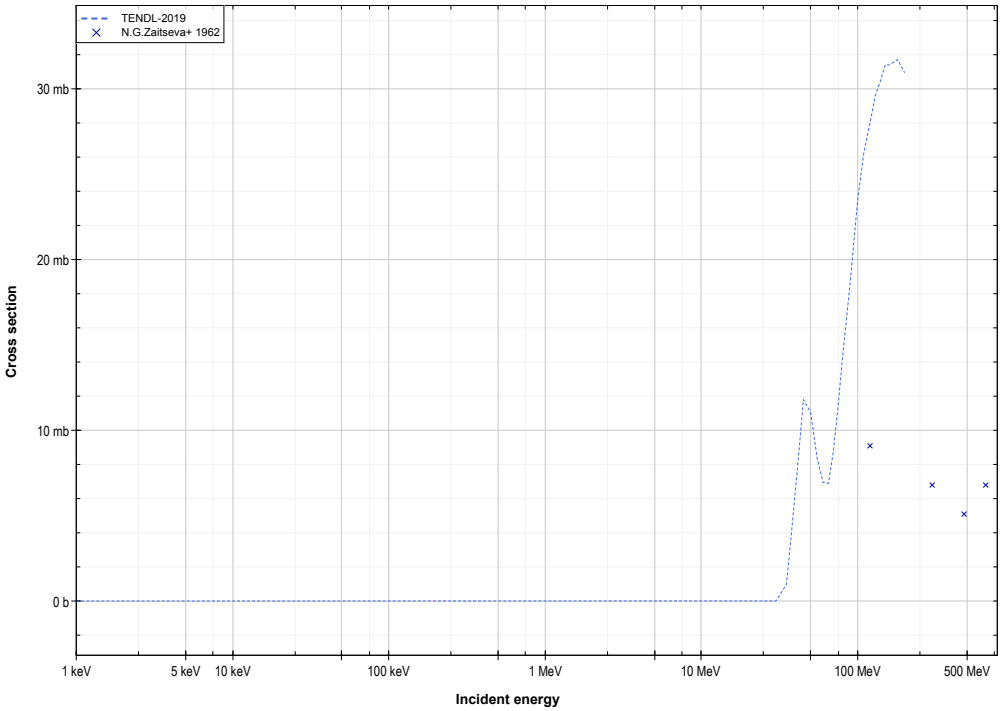
Reaction	Q-Value
Te125(p,2n+α)Sb120	-11883.58 keV
Te125(p,2t)Sb120	-23215.65 keV
Te125(p,n+d+t)Sb120	-29472.88 keV
Te125(p,2n+p+t)Sb120	-31697.44 keV
Te125(p,3n+He3)Sb120	-32461.20 keV
Te125(p,2n+2d)Sb120	-35730.11 keV
Te125(p,3n+p+d)Sb120	-37954.67 keV
Te125(p,4n+2p)Sb120	-40179.24 keV

<< 45-Rh-103	**52-Te-125**	52-Te-126 >>
<< MT177 (p,3n+³He)	**MT178 (p,4n+³He) or MT5 (Sb119 production)**	MT183 (p,n+p+d) >>

Te125 (p,4n+³He) or Sb119 production log-log



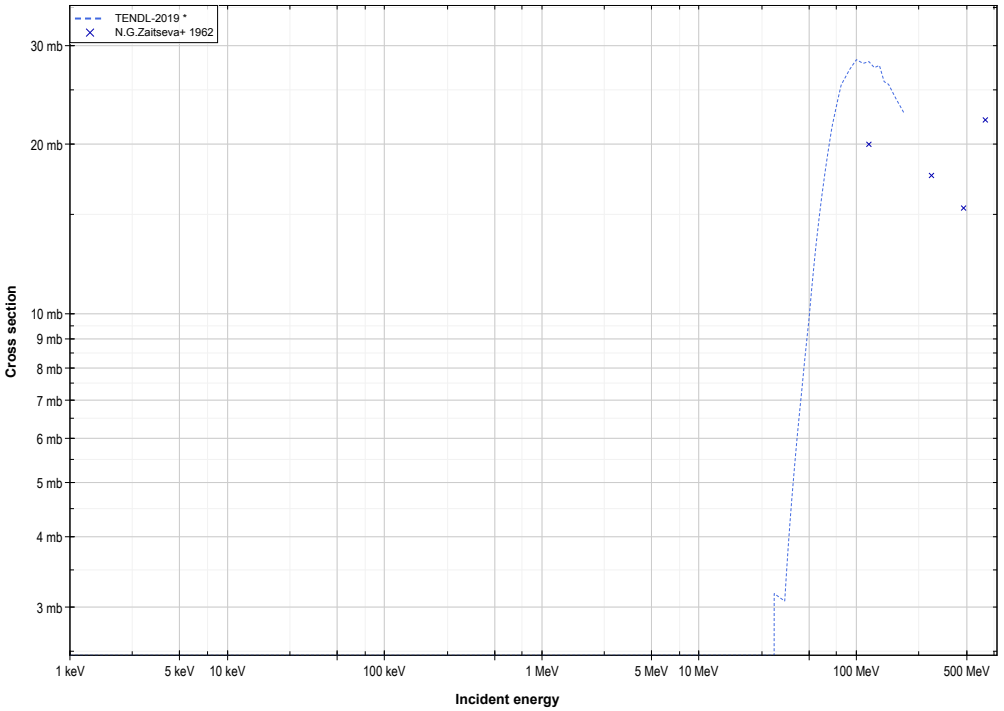
Te125 (p,4n+³He) or Sb119 production lin-log



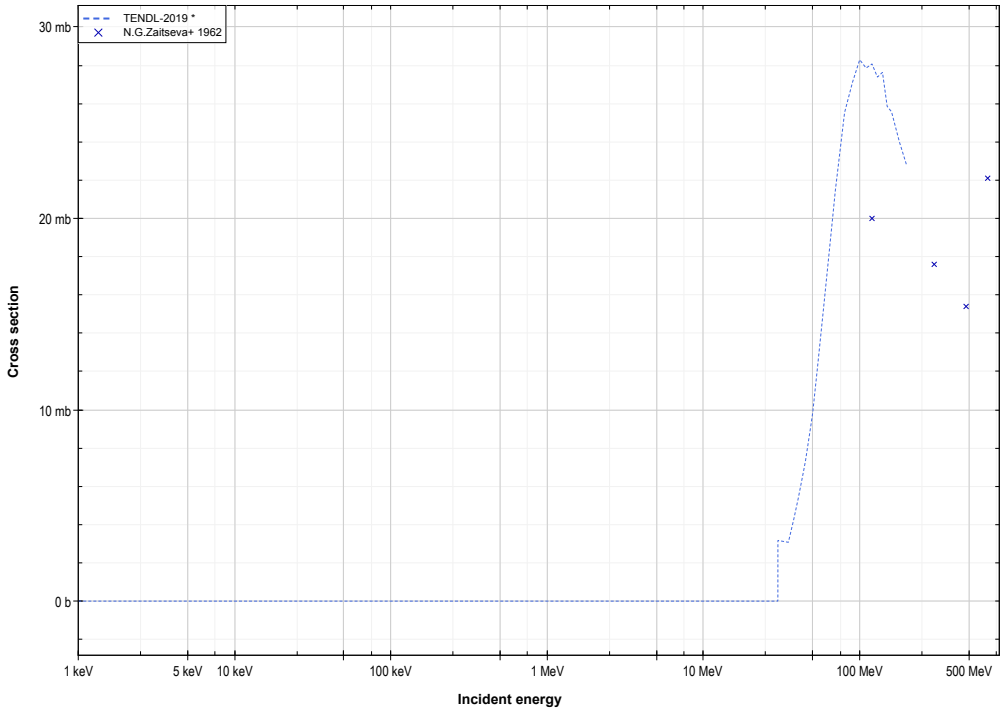
Reaction	Q-Value
Te125(p,3n+α)Sb119	-18898.90 keV
Te125(p,n+2t)Sb119	-30230.97 keV
Te125(p,2n+d+t)Sb119	-36488.20 keV
Te125(p,3n+p+t)Sb119	-38712.76 keV
Te125(p,4n+He3)Sb119	-39476.52 keV
Te125(p,3n+2d)Sb119	-42745.42 keV
Te125(p,4n+p+d)Sb119	-44969.99 keV
Te125(p,5n+2p)Sb119	-47194.56 keV

<< 28-Ni-58	**52-Te-125**	
<< MT178 (p,4n+^{3}He)	**MT183 (p,n+p+d) or MT5 (Sb122 production)**	MT185 (p,n+d+t) >>

Te125 (p,n+p+d) or Sb122 production log-log



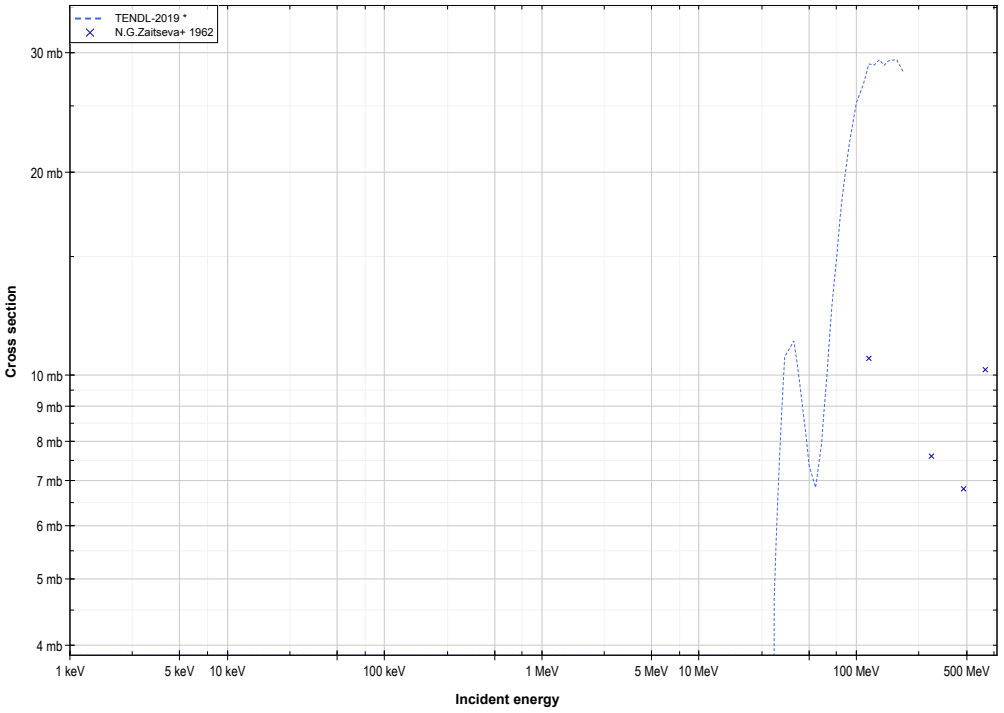
Te125 (p,n+p+d) or Sb122 production lin-log



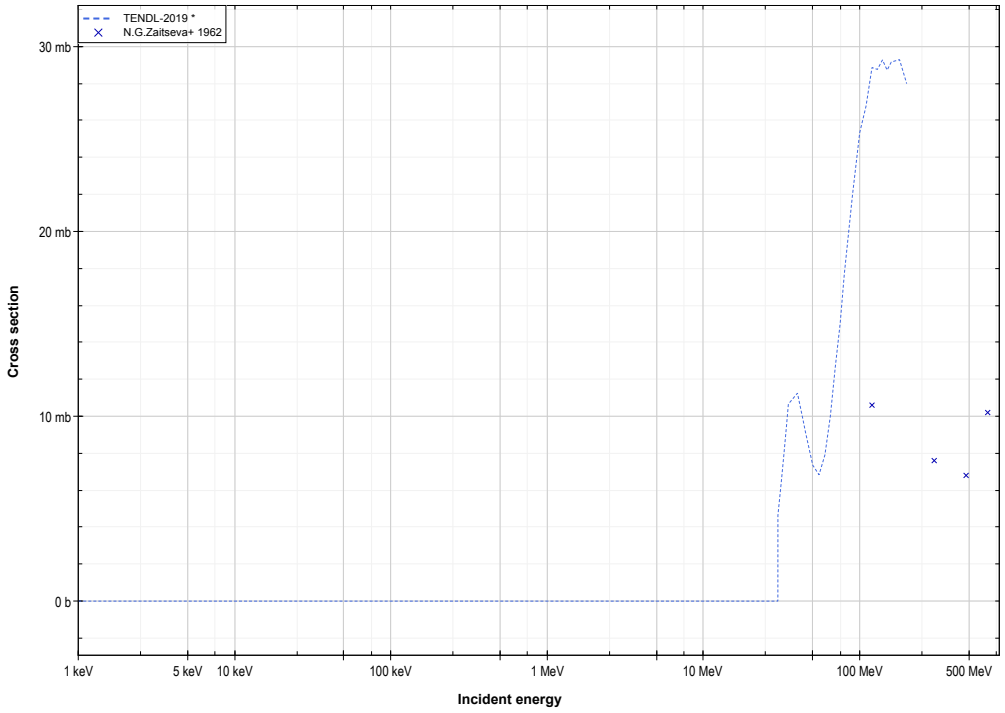
Reaction	Q-Value
Te125(p,α)Sb122	4176.45 keV
Te125(p,p+t)Sb122	-15637.41 keV
Te125(p,n+He3)Sb122	-16401.16 keV
Te125(p,2d)Sb122	-19670.07 keV
Te125(p,n+p+d)Sb122	-21894.64 keV
Te125(p,2n+2p)Sb122	-24119.20 keV

<< 42-Mo-100	**52-Te-125**	90-Th-232 >>
<< MT183 (p,n+p+d)	**MT185 (p,n+d+t) or MT5 (Sb120 production)**	MT190 (p,2n+2p) >>

Te125 (p,n+d+t) or Sb120 production log-log



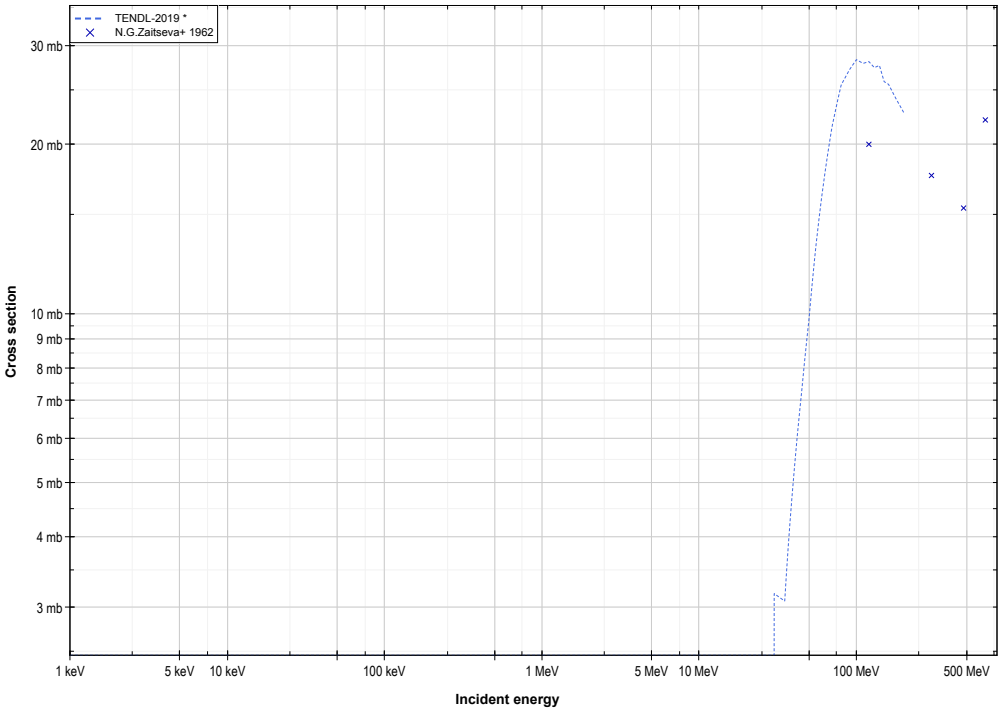
Te125 (p,n+d+t) or Sb120 production lin-log



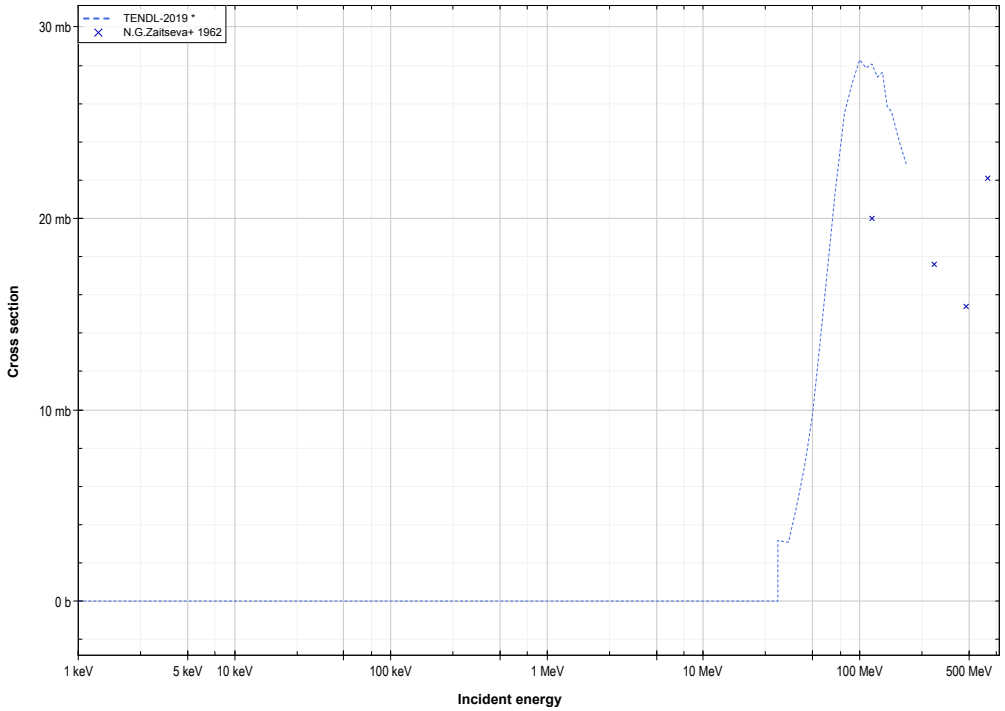
Reaction	Q-Value
Te125(p,2n+α)Sb120	-11883.58 keV
Te125(p,2t)Sb120	-23215.65 keV
Te125(p,n+d+t)Sb120	-29472.88 keV
Te125(p,2n+p+t)Sb120	-31697.44 keV
Te125(p,3n+He3)Sb120	-32461.20 keV
Te125(p,2n+2d)Sb120	-35730.11 keV
Te125(p,3n+p+d)Sb120	-37954.67 keV
Te125(p,4n+2p)Sb120	-40179.24 keV

<< 28-Ni-58	**52-Te-125**	
<< MT185 (p,n+d+t)	**MT190 (p,2n+2p) or MT5 (Sb122 production)**	MT194 (p,4n+2p) >>

Te125 (p,2n+2p) or Sb122 production log-log



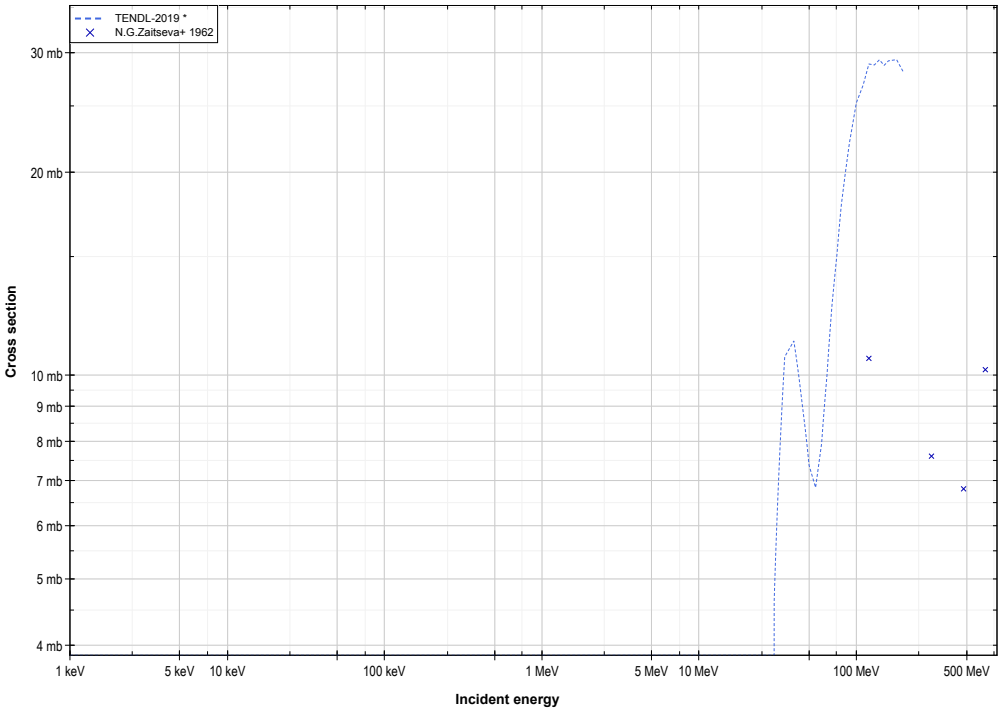
Te125 (p,2n+2p) or Sb122 production lin-log



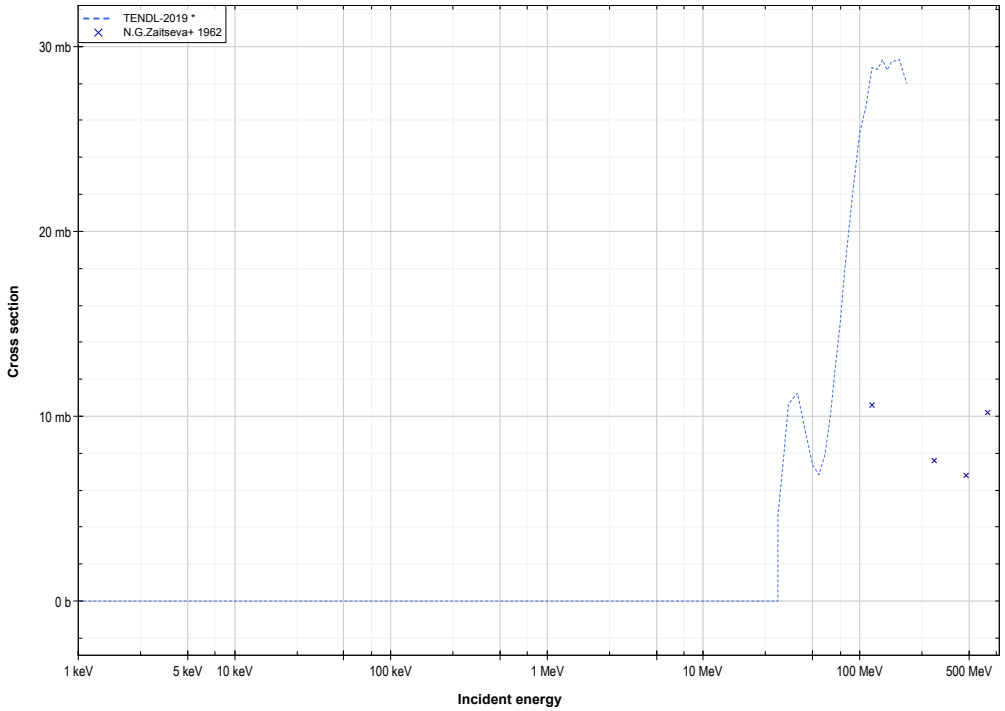
Reaction	Q-Value
Te125(p,α)Sb122	4176.45 keV
Te125(p,p+t)Sb122	-15637.41 keV
Te125(p,n+He3)Sb122	-16401.16 keV
Te125(p,2d)Sb122	-19670.07 keV
Te125(p,n+p+d)Sb122	-21894.64 keV
Te125(p,2n+2p)Sb122	-24119.20 keV

<< 42-Mo-100	**52-Te-125**	90-Th-232 >>
<< MT190 (p,2n+2p)	**MT194 (p,4n+2p) or MT5 (Sb120 production)**	MT200 (p,5n+2p) >>

Te125 (p,4n+2p) or Sb120 production log-log



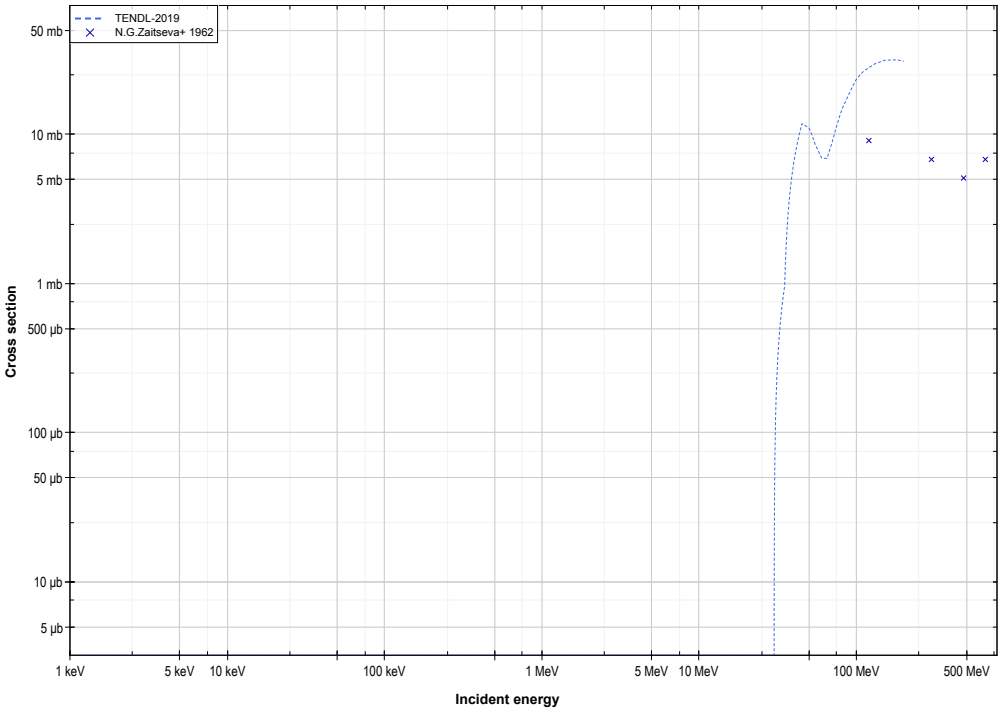
Te125 (p,4n+2p) or Sb120 production lin-log



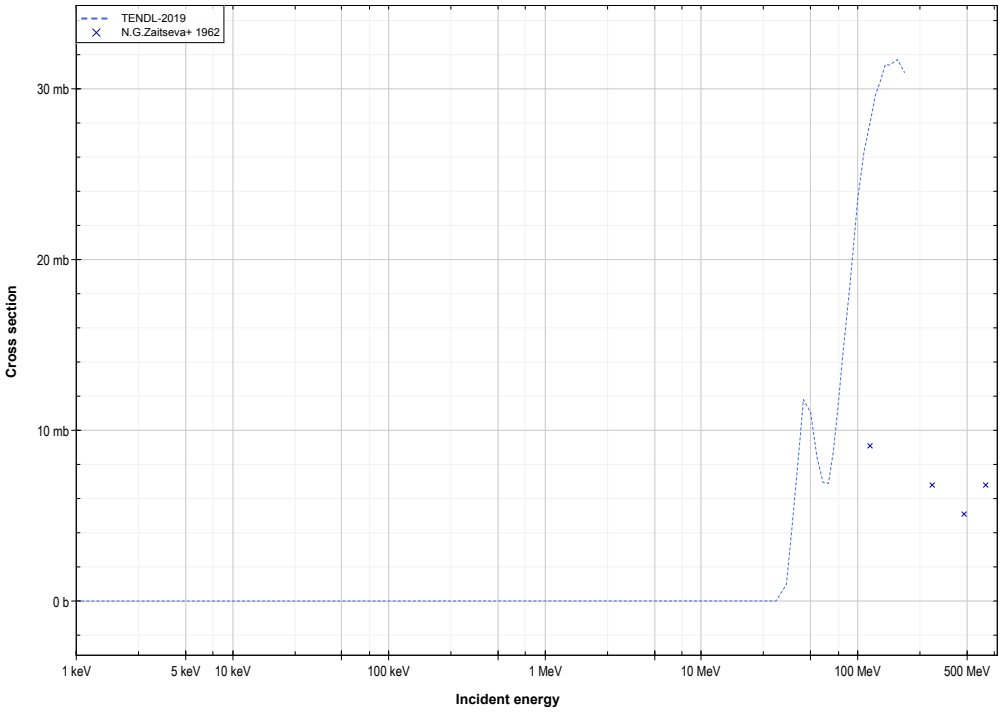
Reaction	Q-Value
Te125(p,2n+α)Sb120	-11883.58 keV
Te125(p,2t)Sb120	-23215.65 keV
Te125(p,n+d+t)Sb120	-29472.88 keV
Te125(p,2n+p+t)Sb120	-31697.44 keV
Te125(p,3n+He3)Sb120	-32461.20 keV
Te125(p,2n+2d)Sb120	-35730.11 keV
Te125(p,3n+p+d)Sb120	-37954.67 keV
Te125(p,4n+2p)Sb120	-40179.24 keV

<< 45-Rh-103	**52-Te-125**	52-Te-126 >>
<< MT194 (p,4n+2p)	**MT200 (p,5n+2p) or MT5 (Sb119 production)**	52-Te-126 MT4 (p,n) >>

Te125 (p,5n+2p) or Sb119 production log-log



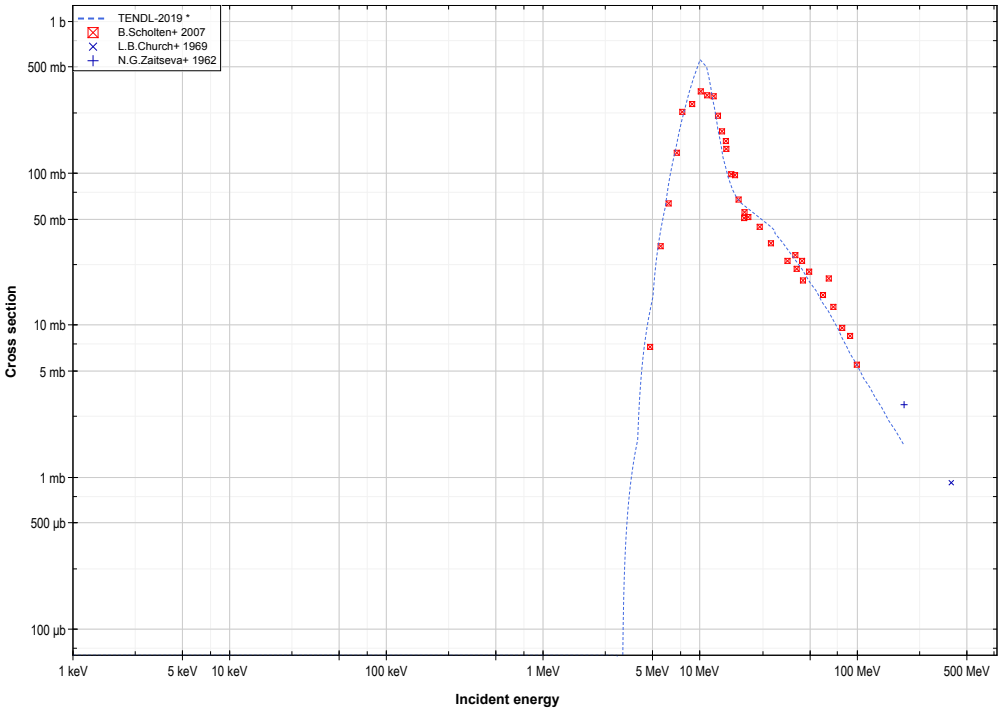
Te125 (p,5n+2p) or Sb119 production lin-log



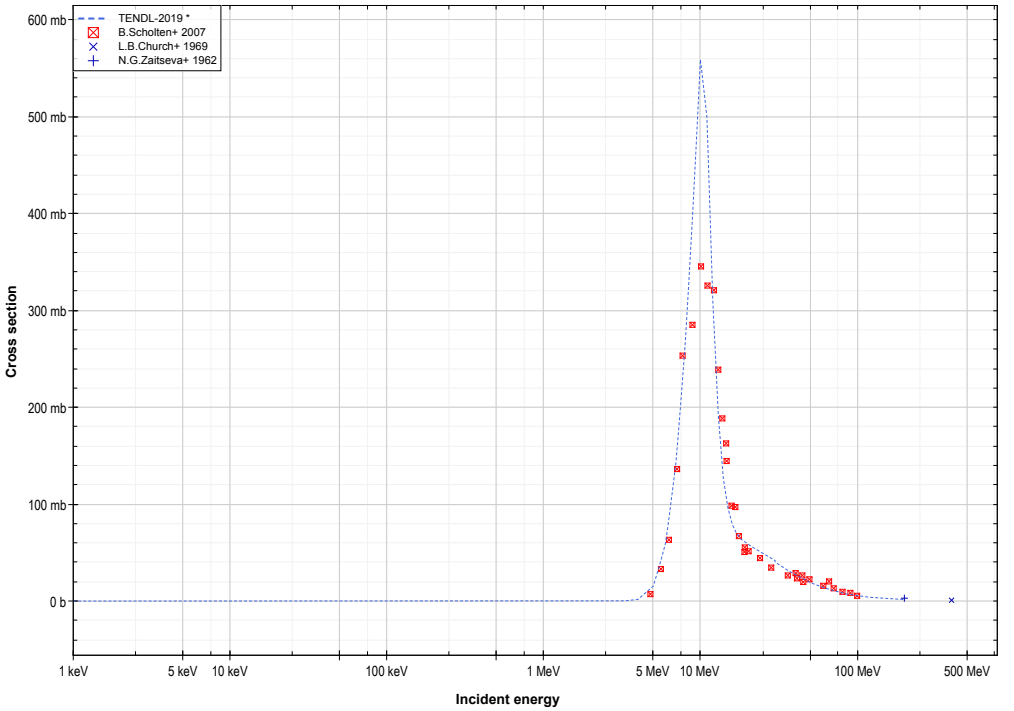
Reaction	Q-Value
Te125(p,3n+α)Sb119	-18898.90 keV
Te125(p,n+2t)Sb119	-30230.97 keV
Te125(p,2n+d+t)Sb119	-36488.20 keV
Te125(p,3n+p+t)Sb119	-38712.76 keV
Te125(p,4n+He3)Sb119	-39476.52 keV
Te125(p,3n+2d)Sb119	-42745.42 keV
Te125(p,4n+p+d)Sb119	-44969.99 keV
Te125(p,5n+2p)Sb119	-47194.56 keV

<< 52-Te-125	**52-Te-126**	52-Te-128 >>
<< 52-Te-125 MT200 (p,5n+2p)	**MT4 (p,n) or MT5 (I126 production)**	MT16 (p,2n) >>

Te126 (p,n) or I126 production log-log



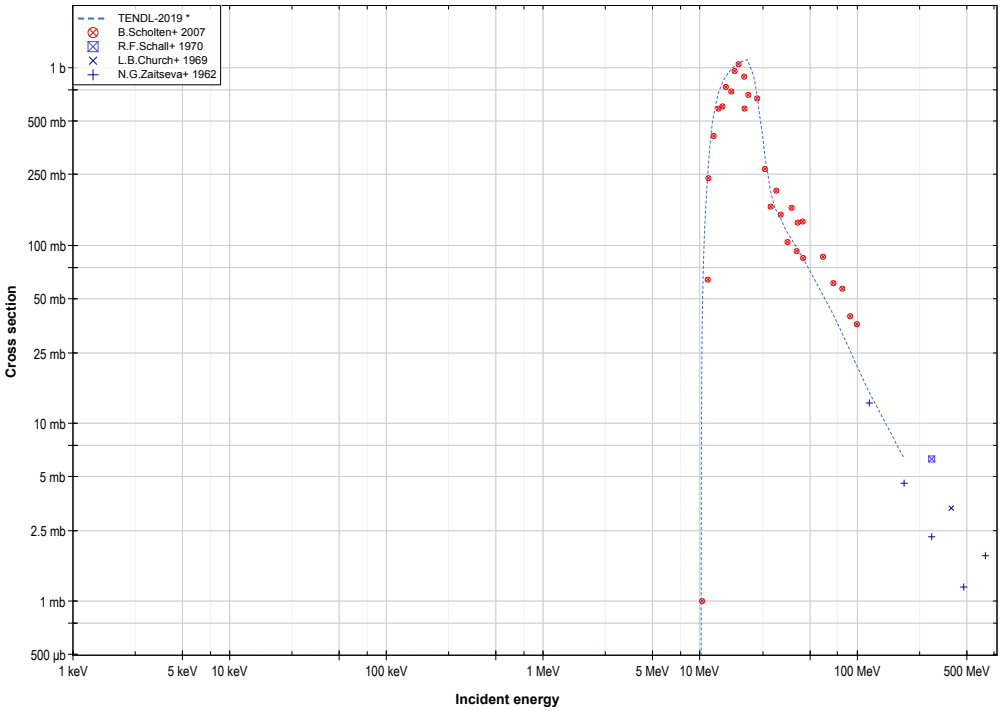
Te126 (p,n) or I126 production lin-log



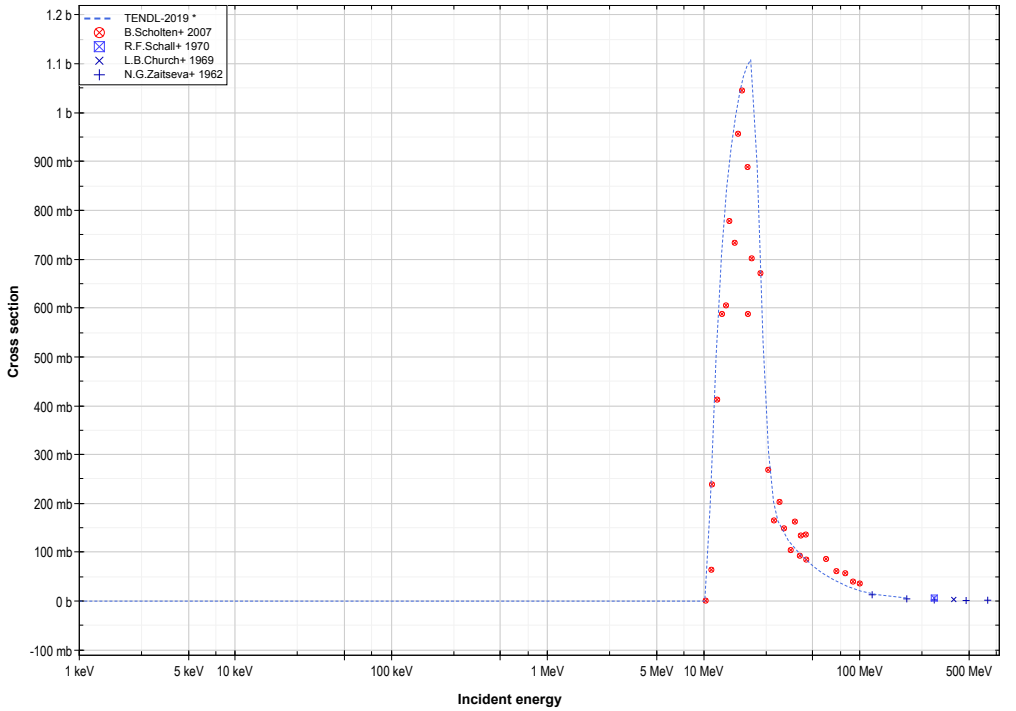
Reaction	Q-Value
Te126(p,n)I126	-2936.65 keV

<< 52-Te-125	**52-Te-126**	54-Xe-124 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (I125 production)**	MT17 (p,3n) >>

Te126 (p,2n) or I125 production log-log



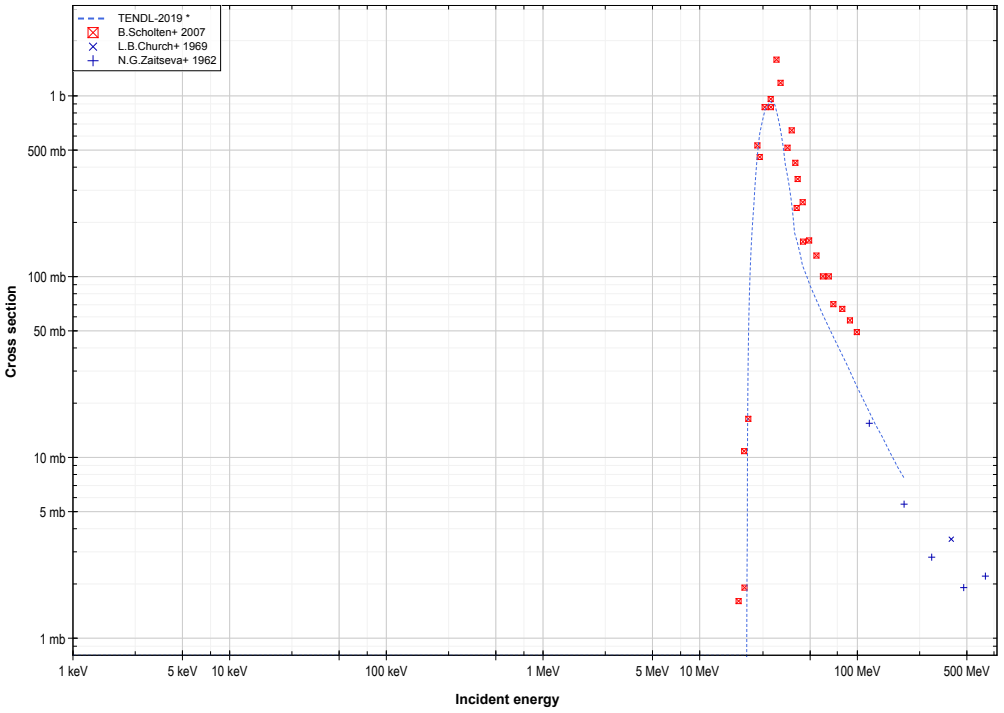
Te126 (p,2n) or I125 production lin-log



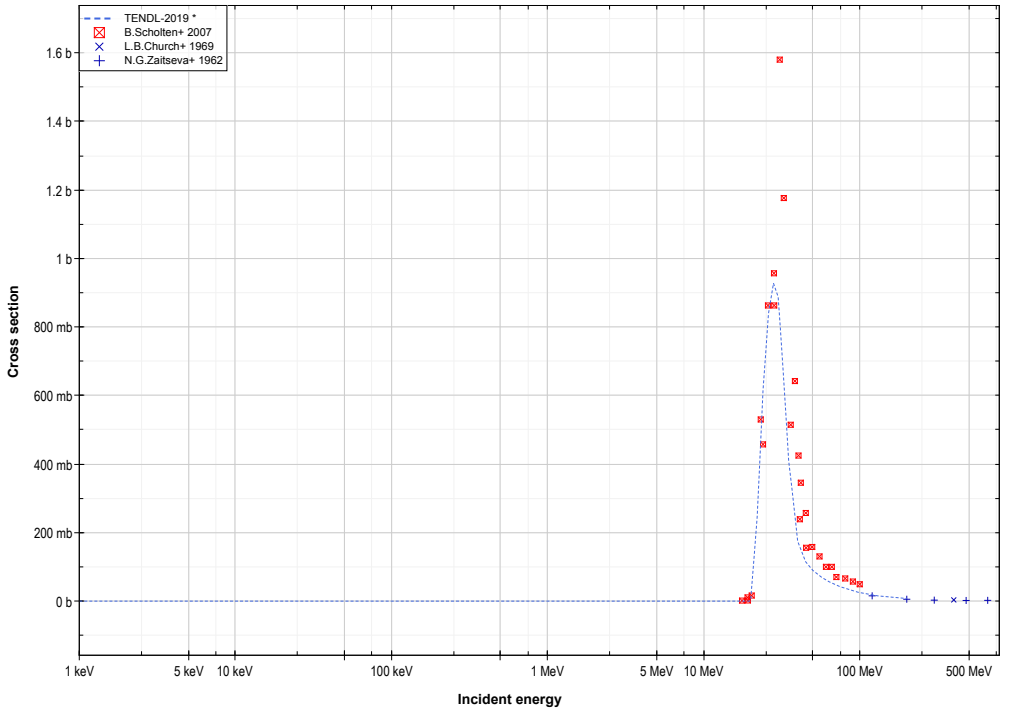
Reaction	Q-Value
Te126(p,2n)I125	-10081.76 keV

<< 52-Te-125	**52-Te-126**	53-I-127 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (I124 production)**	MT22 (p,n+α) >>

Te126 (p,3n) or I124 production log-log



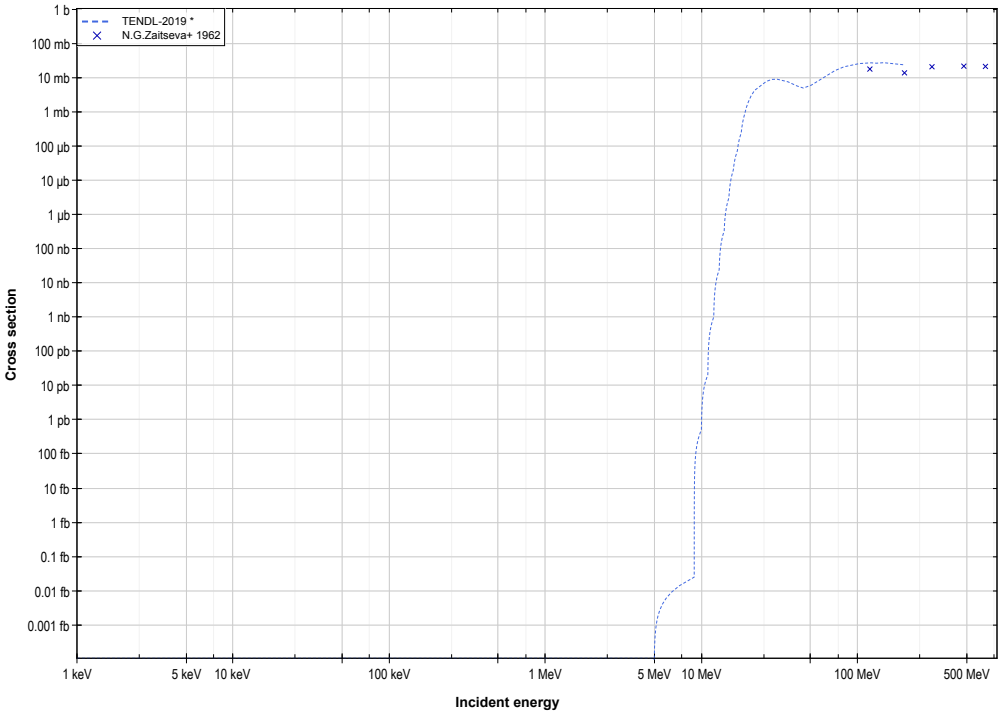
Te126 (p,3n) or I124 production lin-log



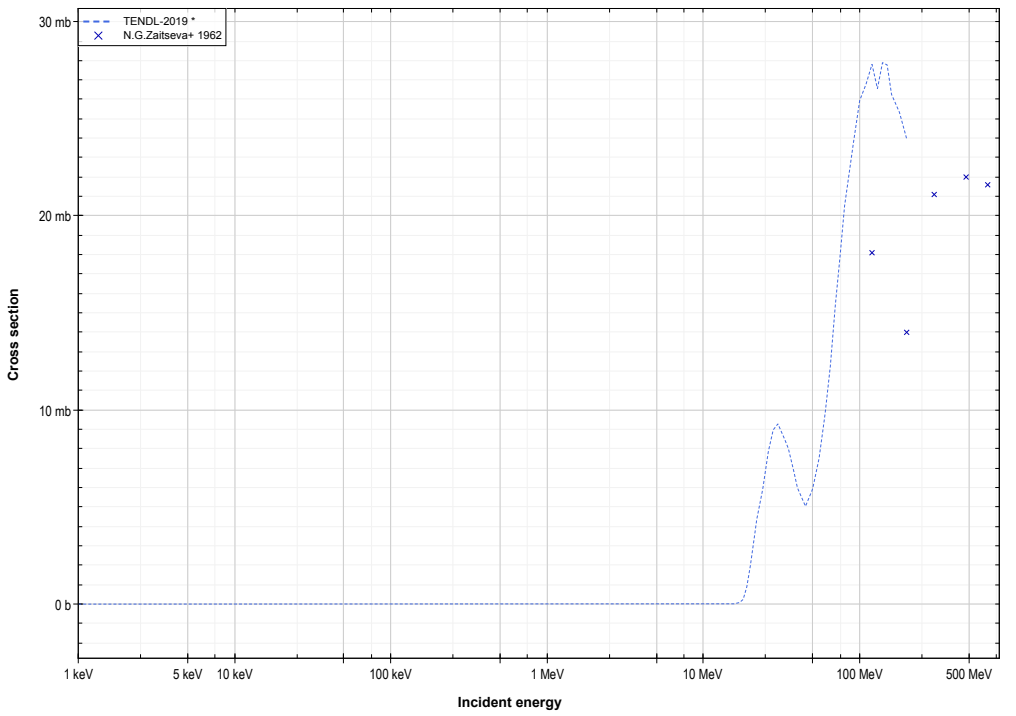
Reaction	Q-Value
Te126(p,3n)I124	-19624.58 keV

<< 49-In-115	**52-Te-126**	54-Xe-124 >>
<< MT17 (p,3n)	**MT22 (p,n+α) or MT5 (Sb122 production)**	MT25 (p,3n+α) >>

Te126 (p,n+α) or Sb122 production log-log



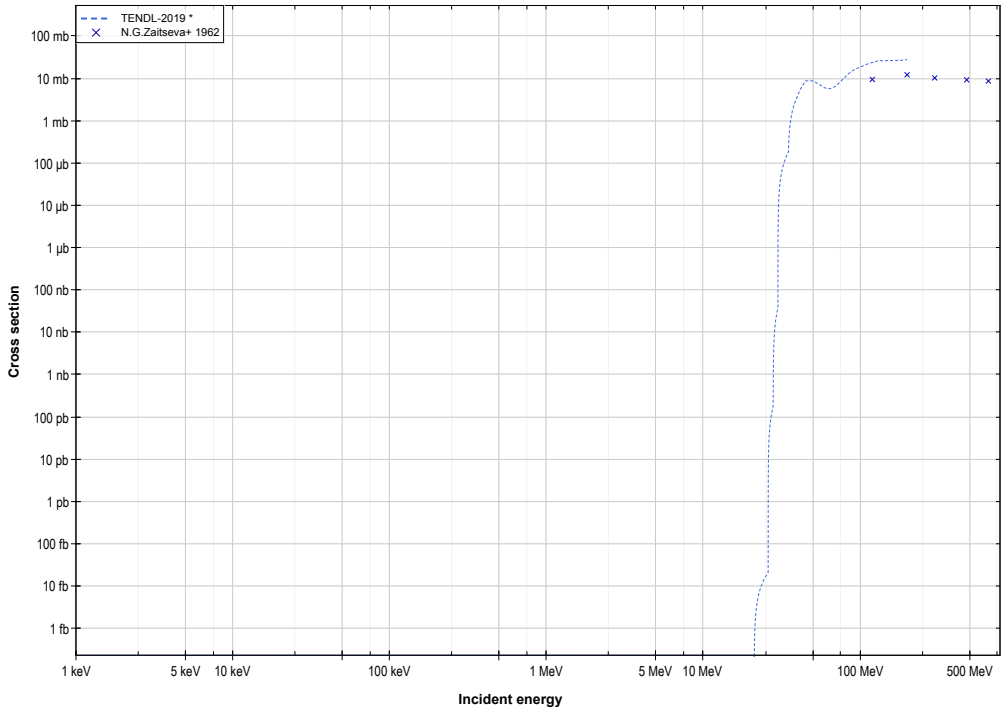
Te126 (p,n+α) or Sb122 production lin-log



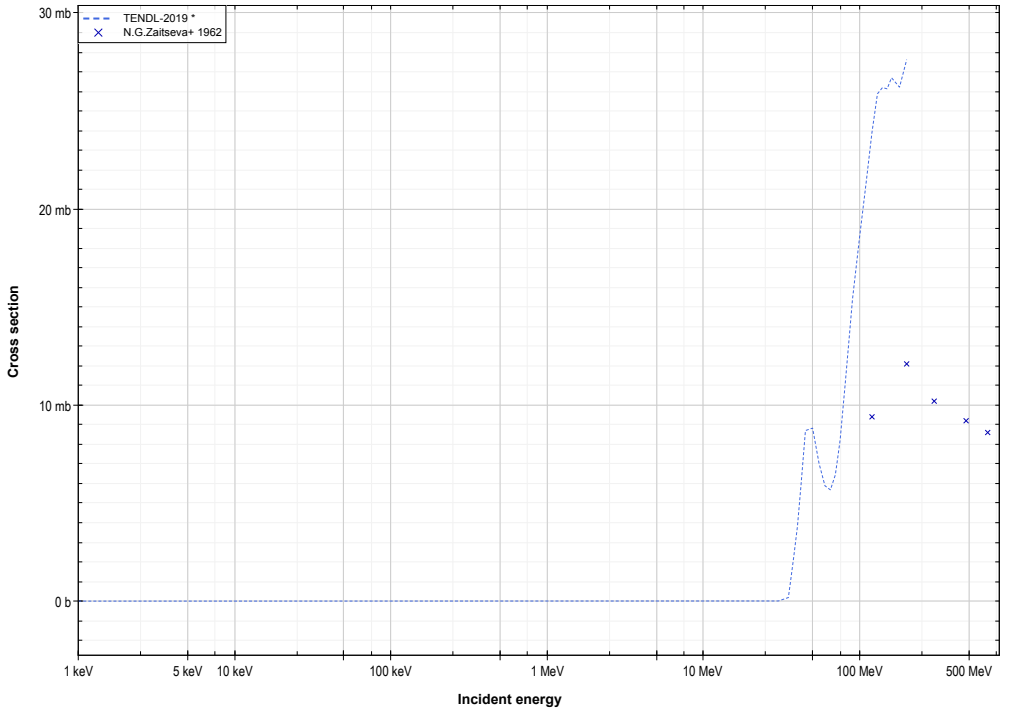
Reaction	Q-Value
Te126(p,n+α)Sb122	-4937.16 keV
Te126(p,d+t)Sb122	-22526.46 keV
Te126(p,n+p+t)Sb122	-24751.03 keV
Te126(p,2n+He3)Sb122	-25514.78 keV
Te126(p,n+2d)Sb122	-28783.69 keV
Te126(p,2n+p+d)Sb122	-31008.26 keV
Te126(p,3n+2p)Sb122	-33232.82 keV

<< 52-Te-125	**52-Te-126**	53-I-127 >>
<< MT22 (p,n+α)	**MT25 (p,3n+α) or MT5 (Sb120 production)**	MT28 (p,n+p) >>

Te126 (p,3n+α) or Sb120 production log-log



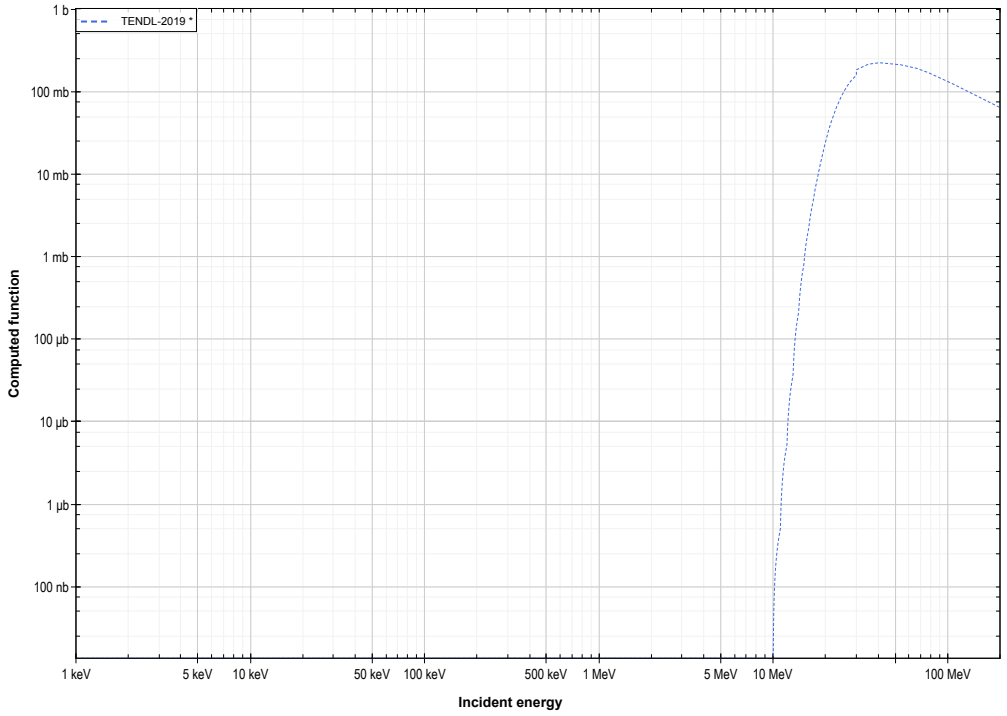
Te126 (p,3n+α) or Sb120 production lin-log



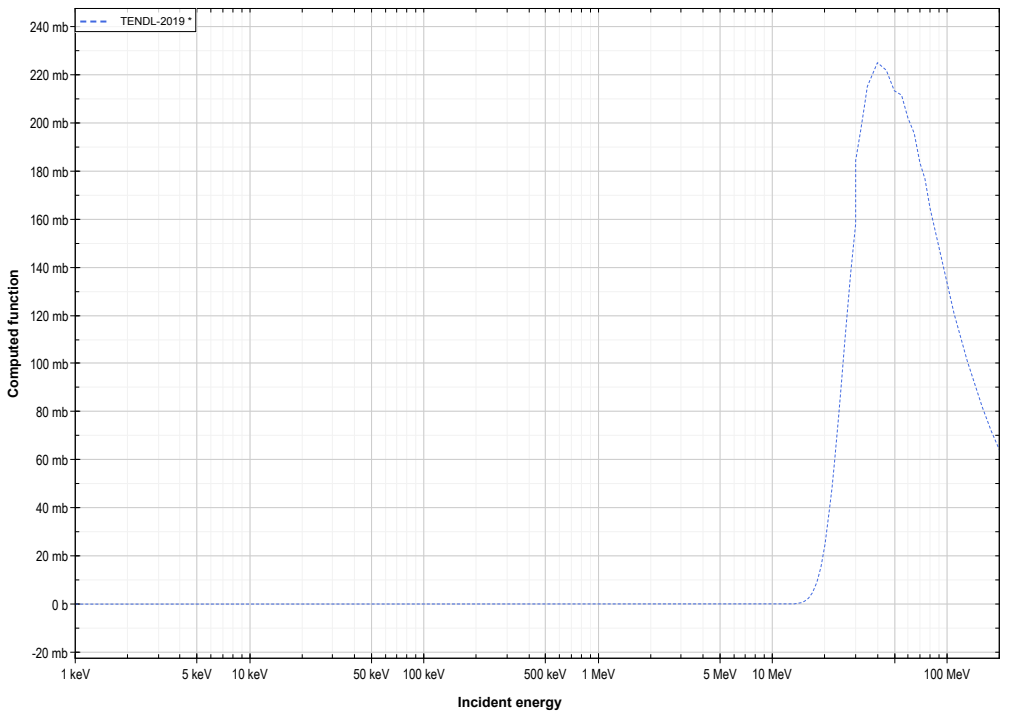
Reaction	Q-Value
Te126(p,3n+α)Sb120	-20997.20 keV
Te126(p,n+2t)Sb120	-32329.27 keV
Te126(p,2n+d+t)Sb120	-38586.50 keV
Te126(p,3n+p+t)Sb120	-40811.06 keV
Te126(p,4n+He3)Sb120	-41574.82 keV
Te126(p,3n+2d)Sb120	-44843.72 keV
Te126(p,4n+p+d)Sb120	-47068.29 keV
Te126(p,5n+2p)Sb120	-49292.86 keV

<< 52-Te-124	**52-Te-126**	52-Te-128 >>
<< MT25 (p,3n+α)	**MT28 (p,n+p) or MT5 (Te125 production)**	MT37 (p,4n) >>

Te126 (p,n+p) or Te125 production log-log



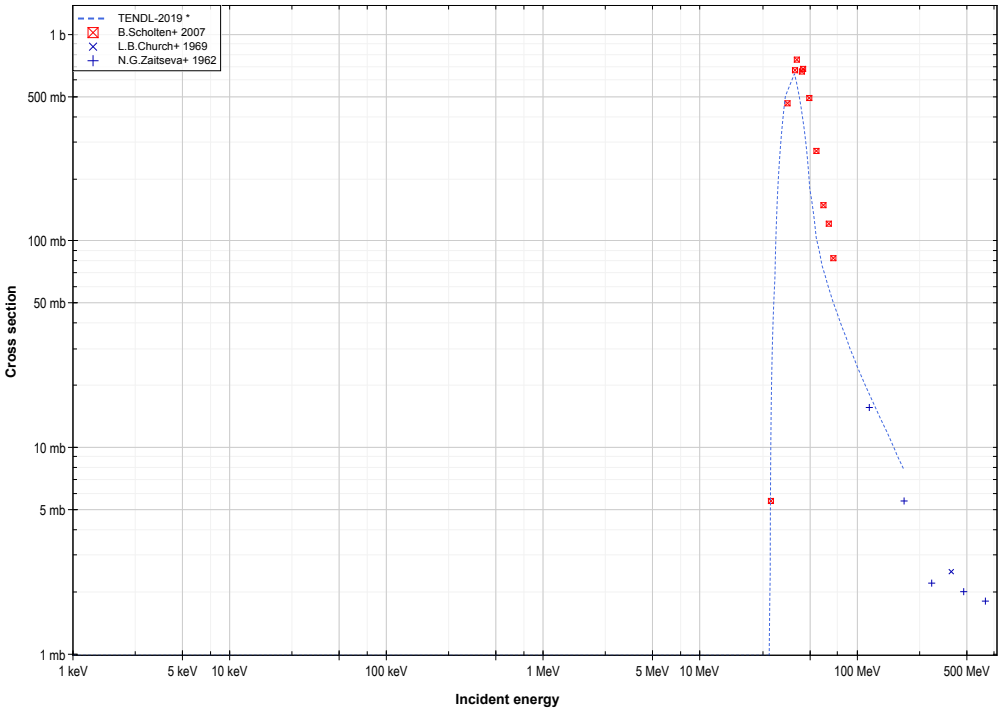
Te126 (p,n+p) or Te125 production lin-log



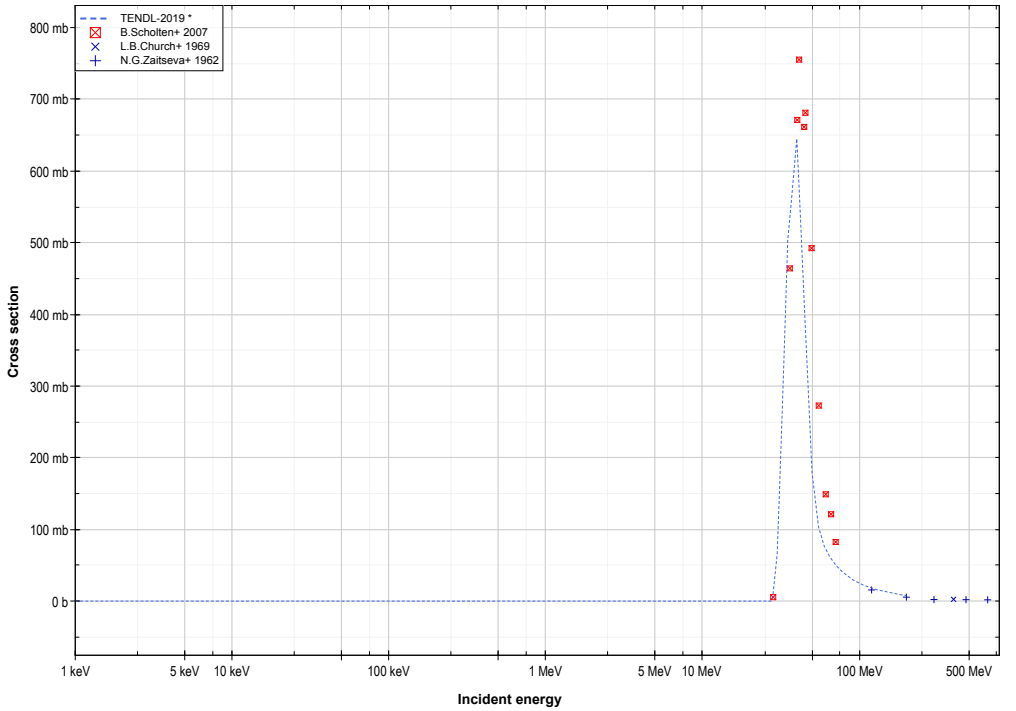
Reaction	Q-Value
Te126(p,d)Te125	-6889.05 keV
Te126(p,n+p)Te125	-9113.62 keV

<< 52-Te-125	**52-Te-126**	59-Pr-141 >>
<< MT28 (p,n+p)	**MT37 (p,4n) or MT5 (I123 production)**	MT44 (p,n+2p) >>

Te126 (p,4n) or I123 production log-log



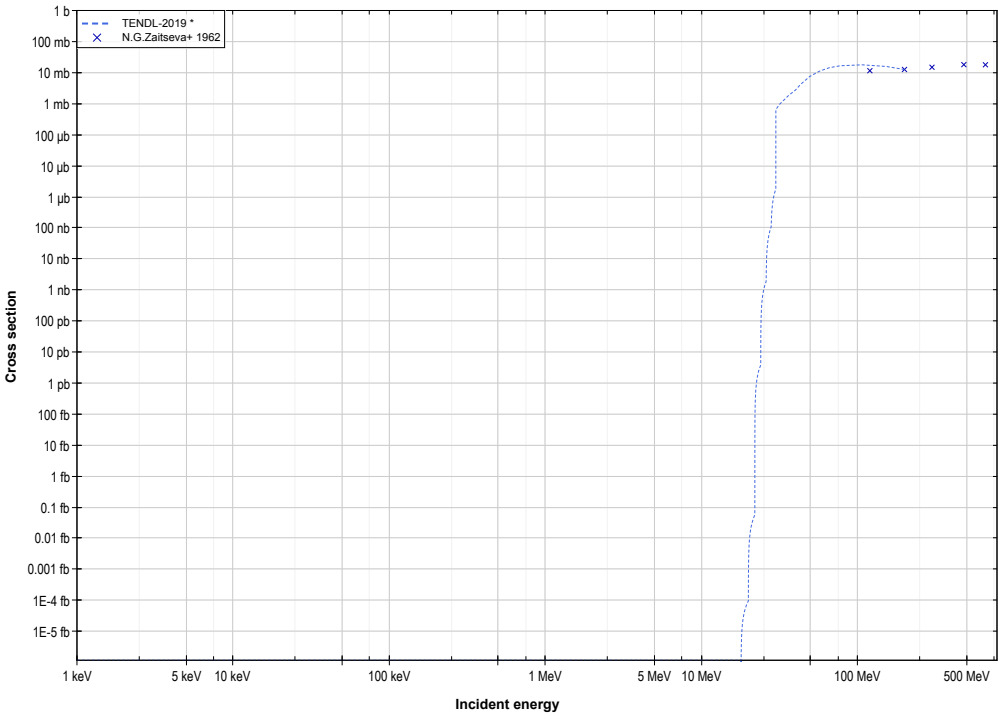
Te126 (p,4n) or I123 production lin-log



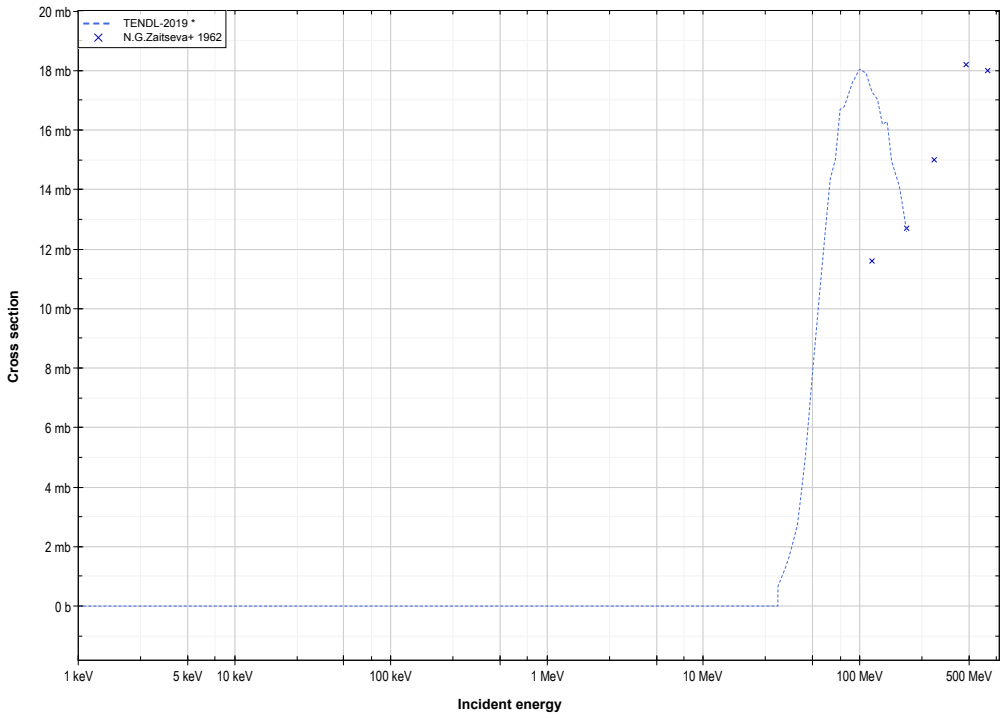
Reaction	Q-Value
Te126(p,4n)I123	-27117.60 keV

<< 50-Sn-112	**52-Te-126**	
<< MT37 (p,4n)	**MT44 (p,n+2p) or MT5 (Sb124 production)**	MT106 (p,³He) >>

Te126 (p,n+2p) or Sb124 production log-log



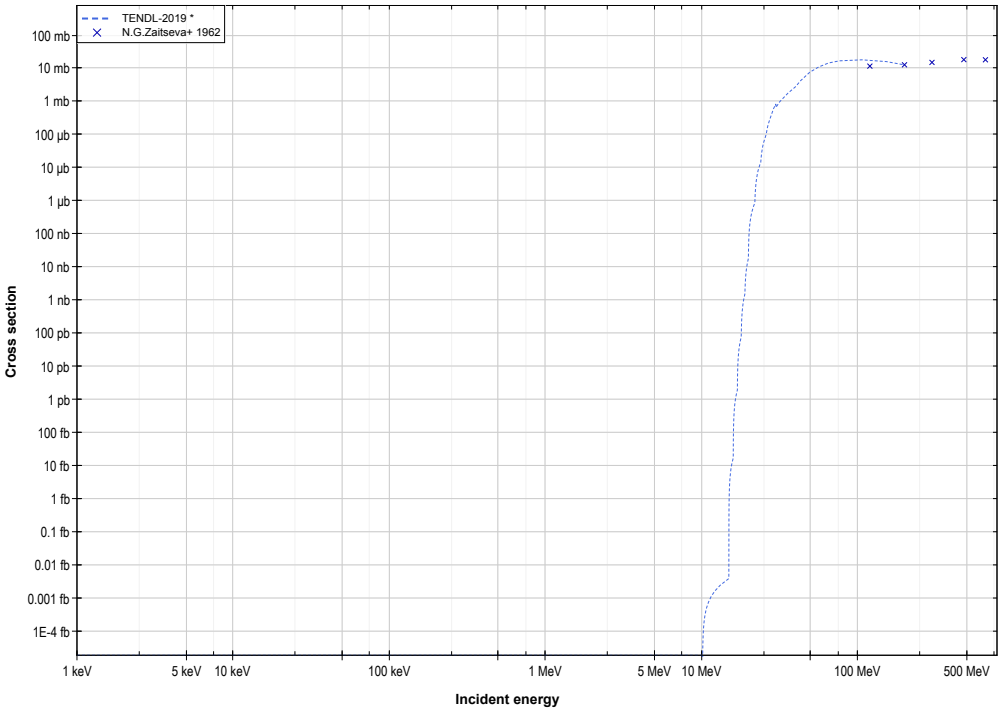
Te126 (p,n+2p) or Sb124 production lin-log



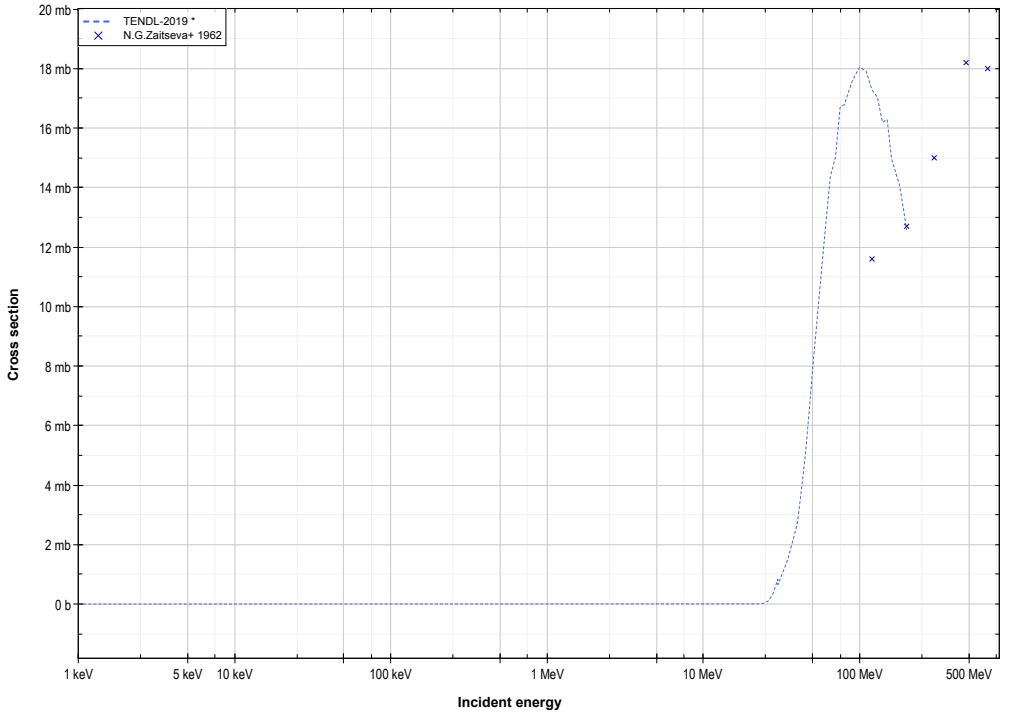
Reaction	Q-Value
Te126(p,He3)Sb124	-10087.35 keV
Te126(p,p+d)Sb124	-15580.82 keV
Te126(p,n+2p)Sb124	-17805.39 keV

<< 50-Sn-112	**52-Te-126**	
<< MT44 (p,n+2p)	**MT106 (p,³He) or MT5 (Sb124 production)**	MT111 (p,2p) >>

Te126 (p,³He) or Sb124 production log-log



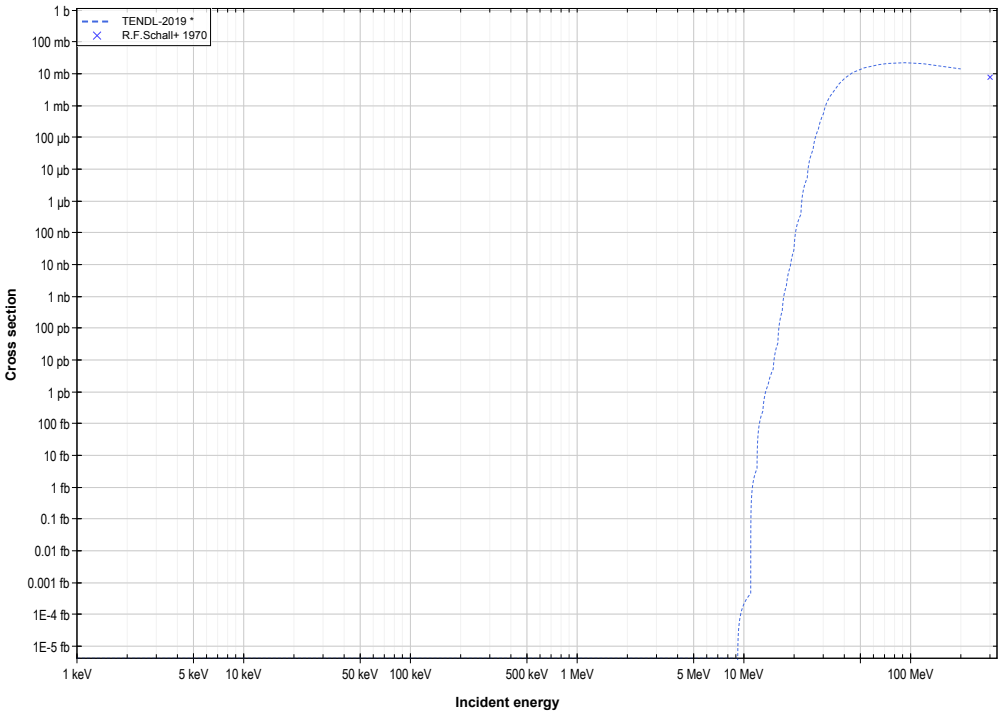
Te126 (p,³He) or Sb124 production lin-log



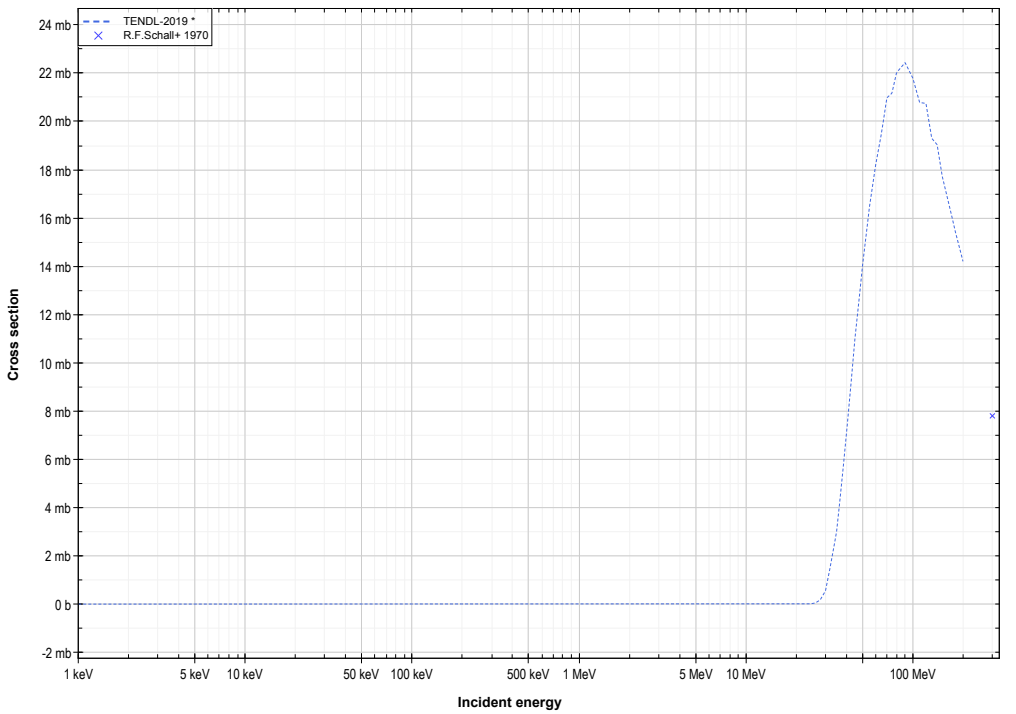
Reaction	Q-Value
Te126(p,He3)Sb124	-10087.35 keV
Te126(p,p+d)Sb124	-15580.82 keV
Te126(p,n+2p)Sb124	-17805.39 keV

<< 52-Te-125	**52-Te-126**	52-Te-128 >>
<< MT106 (p,³He)	**MT111 (p,2p) or MT5 (Sb125 production)**	MT115 (p,p+d) >>

Te126 (p,2p) or Sb125 production log-log



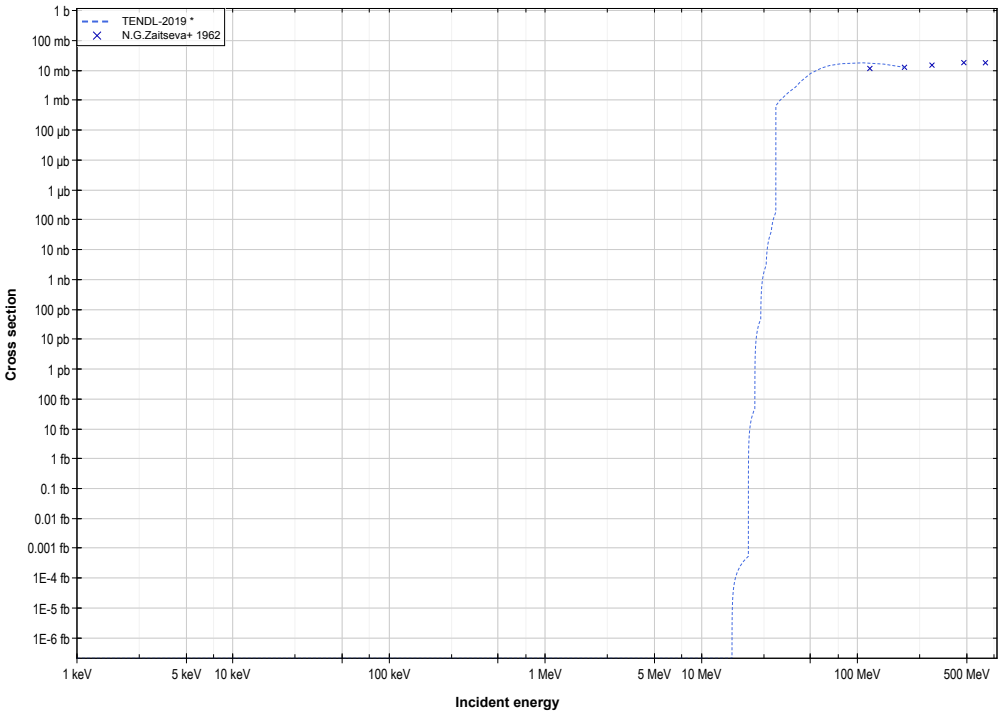
Te126 (p,2p) or Sb125 production lin-log



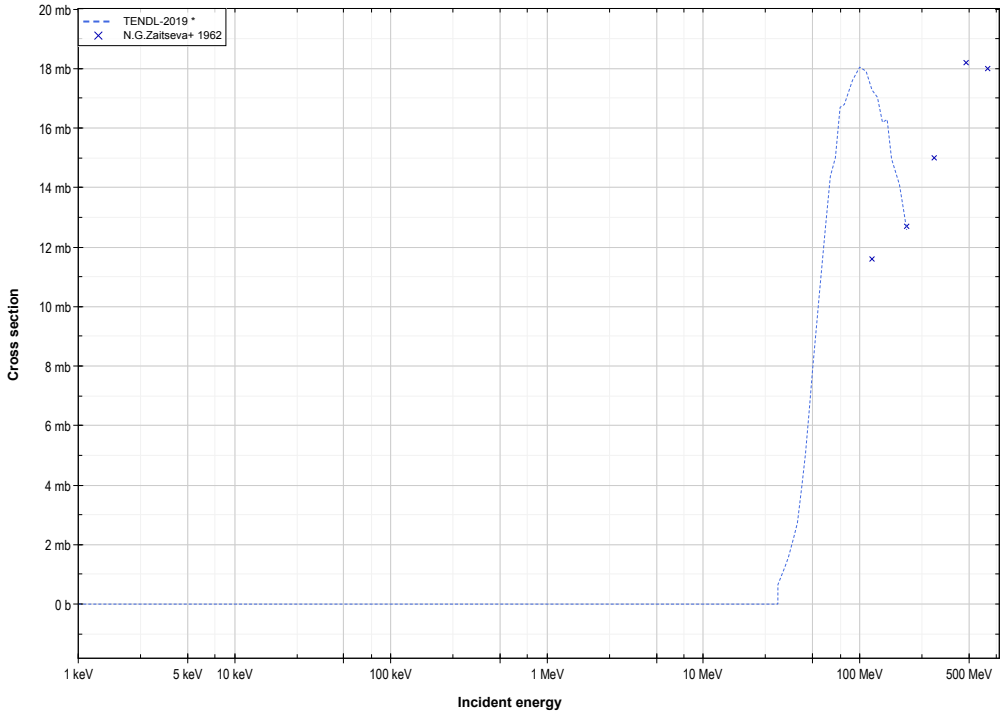
Reaction	Q-Value
Te126(p,2p)Sb125	-9097.97 keV

<< 50-Sn-112	**52-Te-126**	
<< MT111 (p,2p)	**MT115 (p,p+d) or MT5 (Sb124 production)**	MT165 (p,4n+α) >>

Te126 (p,p+d) or Sb124 production log-log



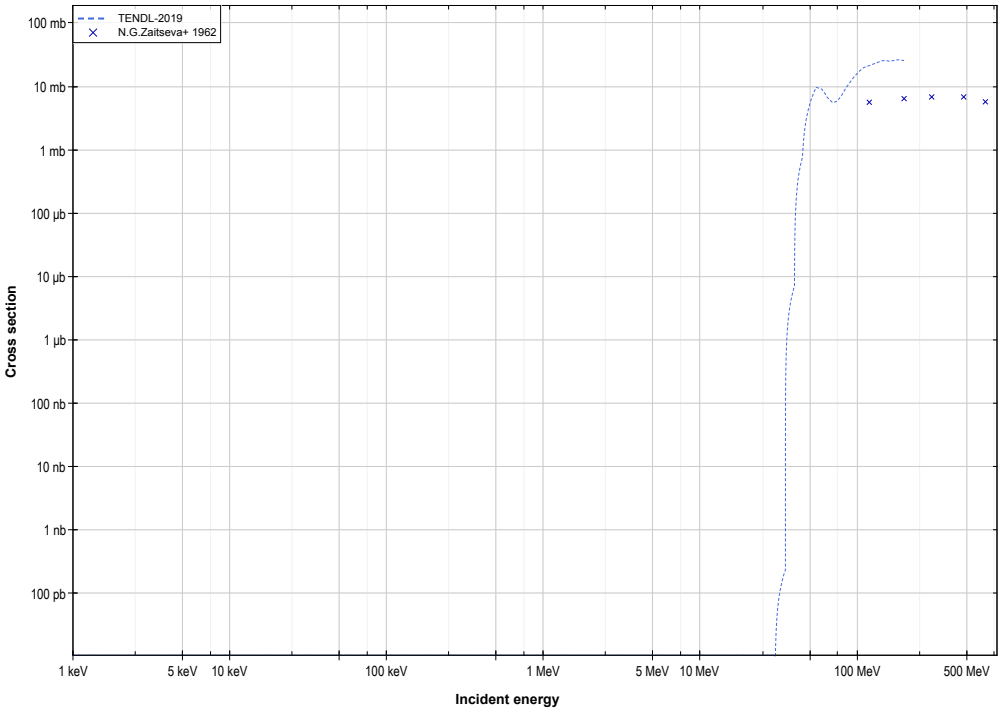
Te126 (p,p+d) or Sb124 production lin-log



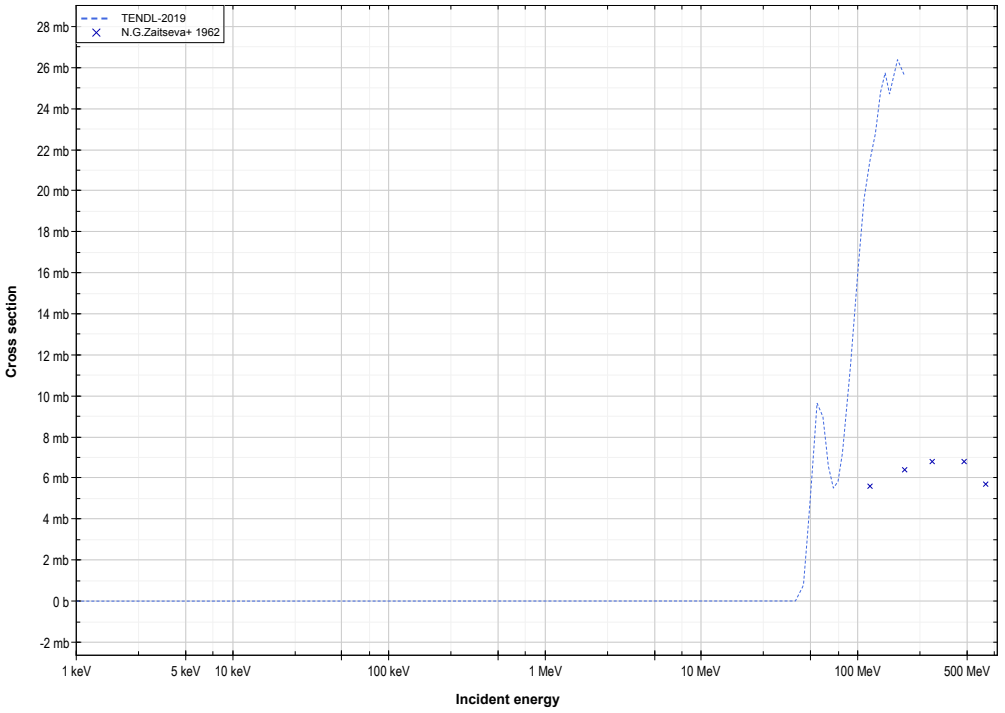
Reaction	Q-Value
Te126(p,He3)Sb124	-10087.35 keV
Te126(p,p+d)Sb124	-15580.82 keV
Te126(p,n+2p)Sb124	-17805.39 keV

<< 50-Sn-124	**52-Te-126**	90-Th-232 >>
<< MT115 (p,p+d)	**MT165 (p,4n+α) or MT5 (Sb119 production)**	MT176 (p,2n+³He) >>

Te126 (p,4n+α) or Sb119 production log-log



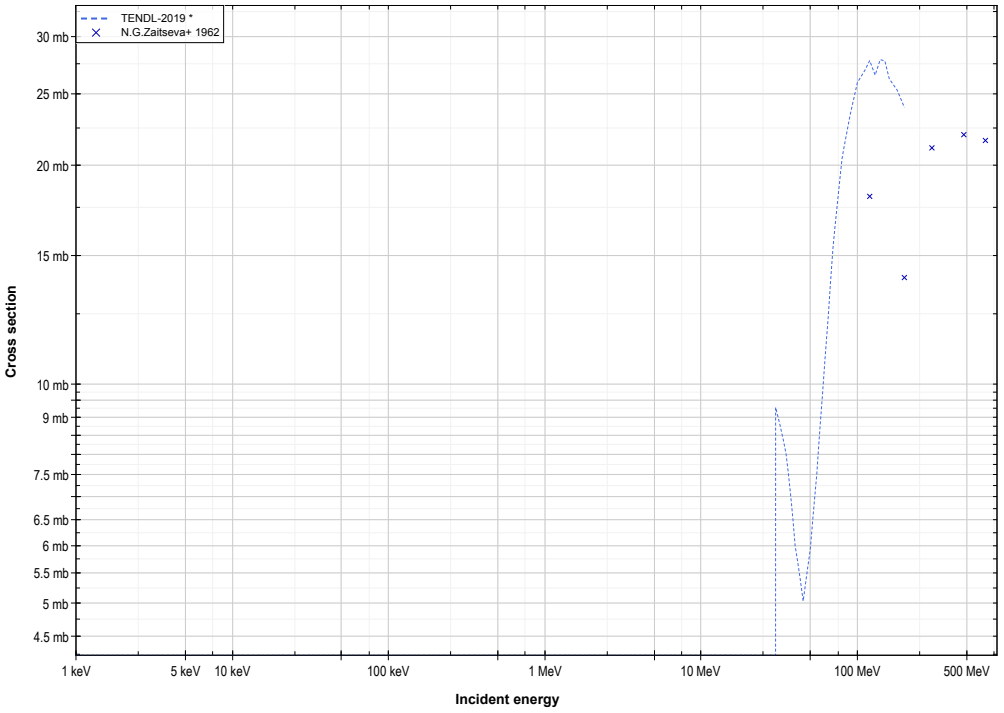
Te126 (p,4n+α) or Sb119 production lin-log



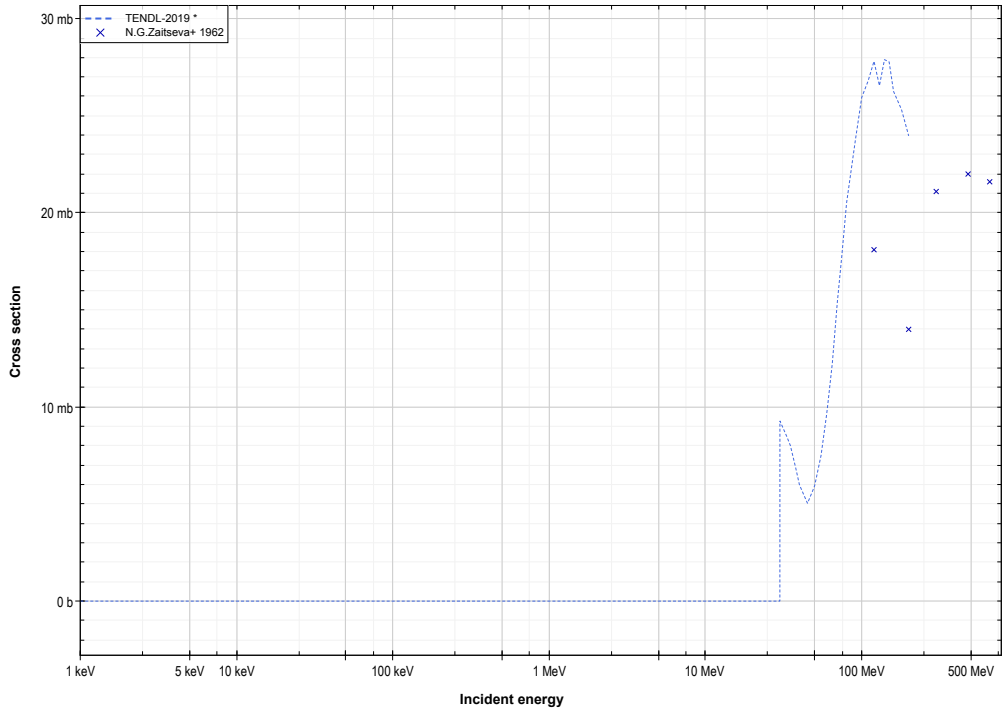
Reaction	Q-Value
Te126(p,4n+α)Sb119	-28012.51 keV
Te126(p,2n+2t)Sb119	-39344.58 keV
Te126(p,3n+d+t)Sb119	-45601.81 keV
Te126(p,4n+p+t)Sb119	-47826.38 keV
Te126(p,5n+He3)Sb119	-48590.13 keV
Te126(p,4n+2d)Sb119	-51859.04 keV
Te126(p,5n+p+d)Sb119	-54083.61 keV
Te126(p,6n+2p)Sb119	-56308.17 keV

<< 42-Mo-100	**52-Te-126**	80-Hg-202 >>
<< MT165 (p,4n+α)	**MT176 (p,2n+³He) or MT5 (Sb122 production)**	MT178 (p,4n+³He) >>

Te126 (p,2n+³He) or Sb122 production log-log



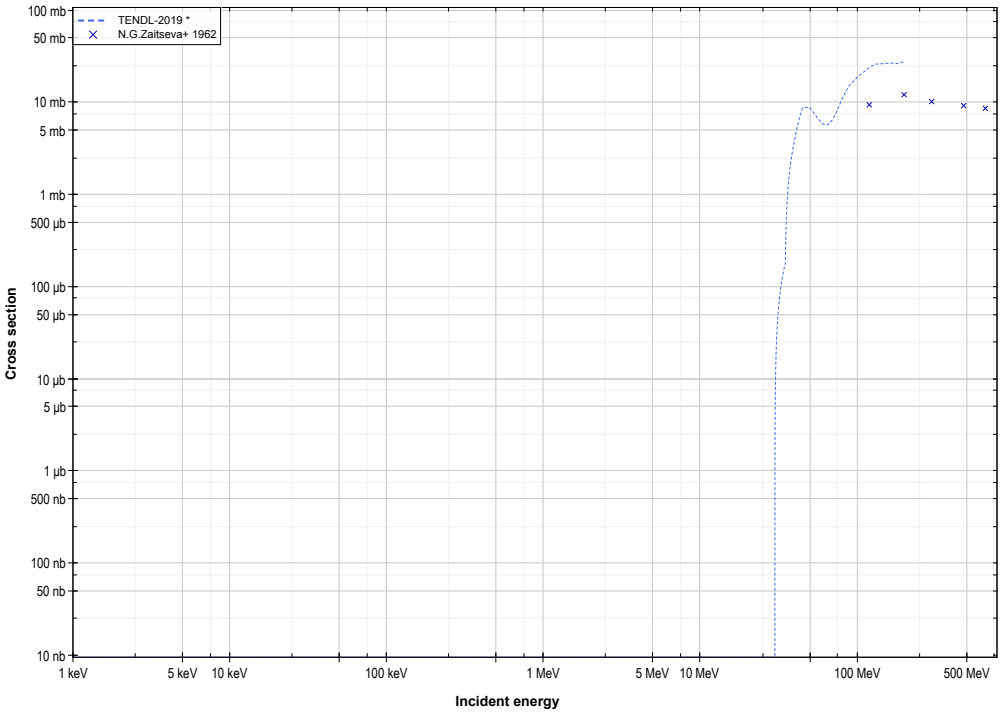
Te126 (p,2n+³He) or Sb122 production lin-log



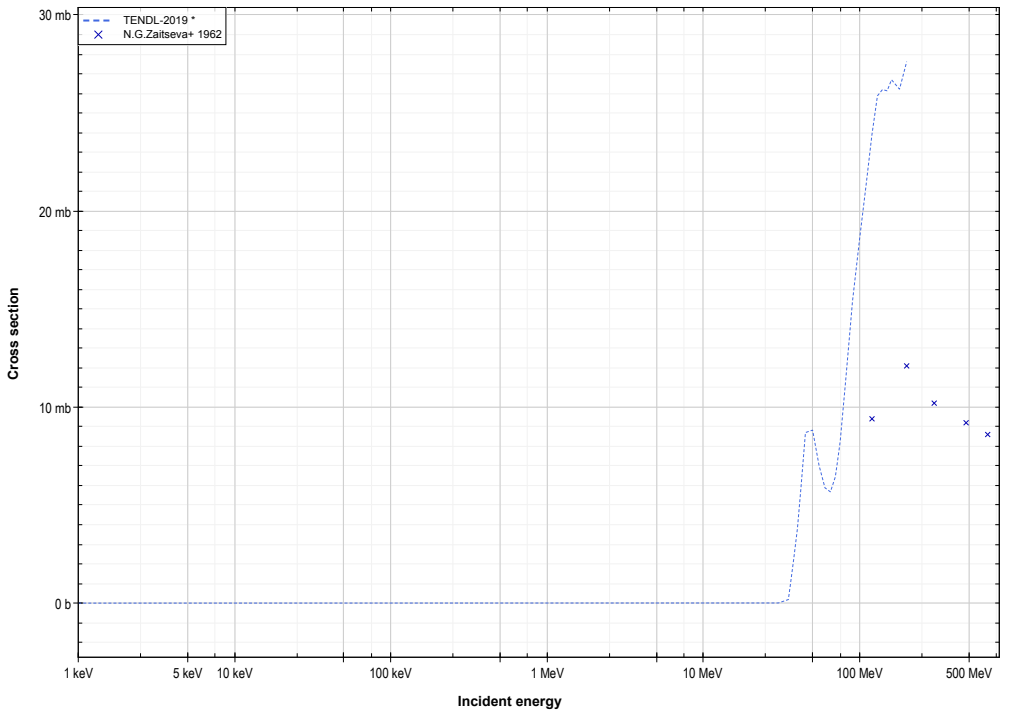
Reaction	Q-Value
Te126(p,n+α)Sb122	-4937.16 keV
Te126(p,d+t)Sb122	-22526.46 keV
Te126(p,n+p+t)Sb122	-24751.03 keV
Te126(p,2n+He3)Sb122	-25514.78 keV
Te126(p,n+2d)Sb122	-28783.69 keV
Te126(p,2n+p+d)Sb122	-31008.26 keV
Te126(p,3n+2p)Sb122	-33232.82 keV

<< 52-Te-125	**52-Te-126**	53-I-127 >>
<< MT176 (p,2n+³He)	**MT178 (p,4n+³He) or MT5 (Sb120 production)**	MT179 (p,3n+2p) >>

Te126 (p,4n+³He) or Sb120 production log-log



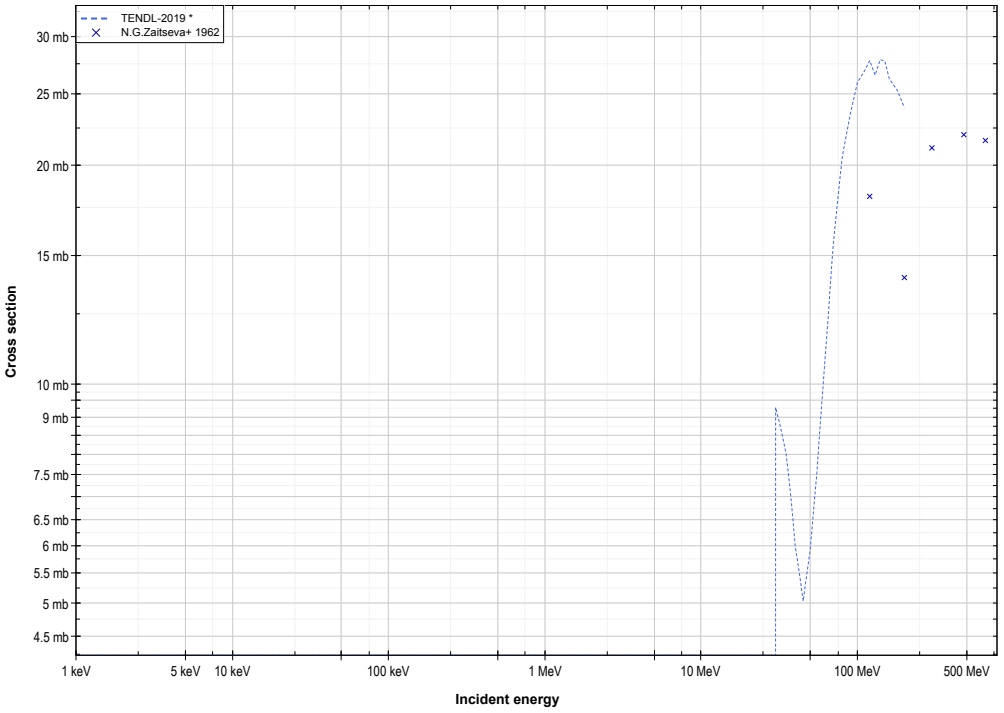
Te126 (p,4n+³He) or Sb120 production lin-log



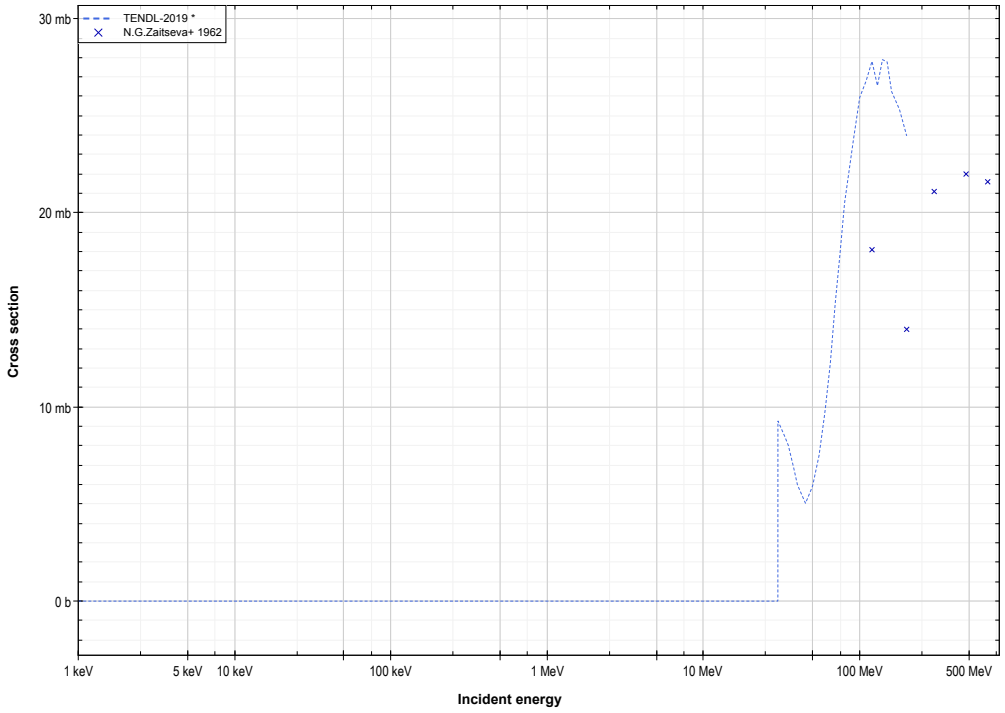
Reaction	Q-Value
Te126(p,3n+α)Sb120	-20997.20 keV
Te126(p,n+2t)Sb120	-32329.27 keV
Te126(p,2n+d+t)Sb120	-38586.50 keV
Te126(p,3n+p+t)Sb120	-40811.06 keV
Te126(p,4n+He3)Sb120	-41574.82 keV
Te126(p,3n+2d)Sb120	-44843.72 keV
Te126(p,4n+p+d)Sb120	-47068.29 keV
Te126(p,5n+2p)Sb120	-49292.86 keV

<< 42-Mo-100	**52-Te-126**	80-Hg-202 >>
<< MT178 (p,4n+³He)	**MT179 (p,3n+2p) or MT5 (Sb122 production)**	MT182 (p,d+t) >>

Te126 (p,3n+2p) or Sb122 production log-log



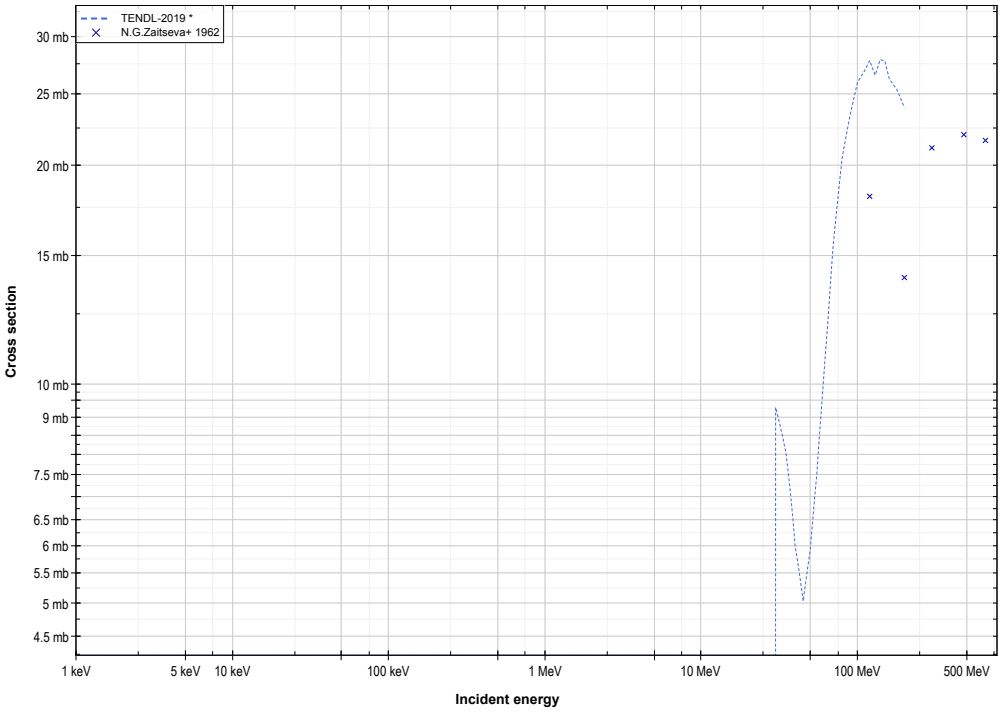
Te126 (p,3n+2p) or Sb122 production lin-log



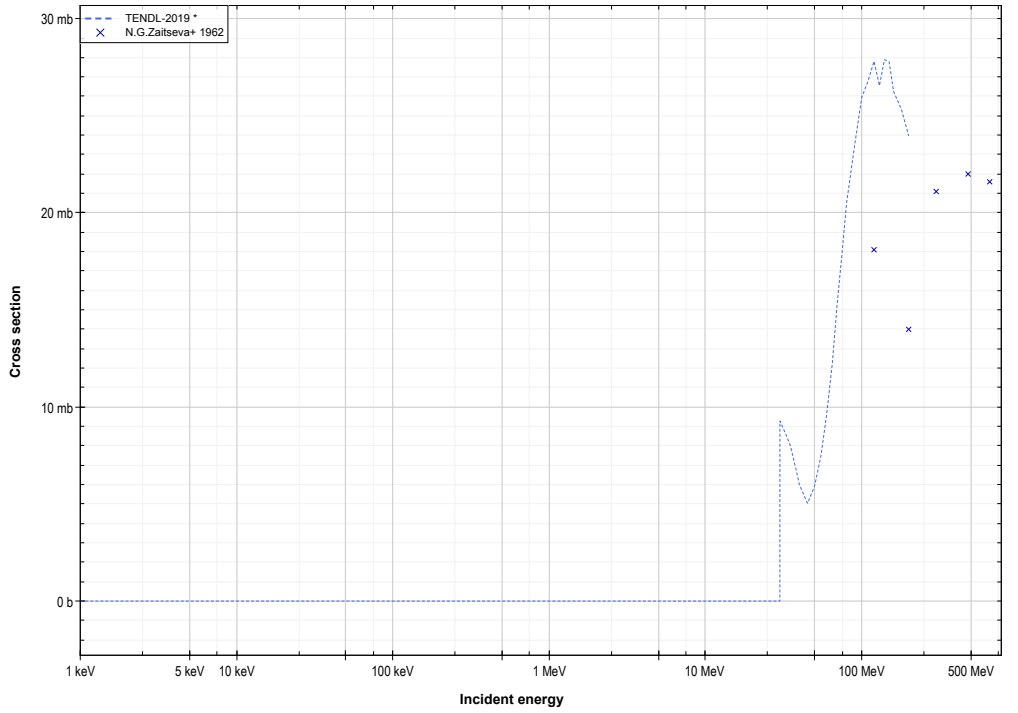
Reaction	Q-Value
Te126(p,n+α)Sb122	-4937.16 keV
Te126(p,d+t)Sb122	-22526.46 keV
Te126(p,n+p+t)Sb122	-24751.03 keV
Te126(p,2n+He3)Sb122	-25514.78 keV
Te126(p,n+2d)Sb122	-28783.69 keV
Te126(p,2n+p+d)Sb122	-31008.26 keV
Te126(p,3n+2p)Sb122	-33232.82 keV

<< 42-Mo-100	**52-Te-126**	80-Hg-202 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Sb122 production)**	MT184 (p,n+p+t) >>

Te126 (p,d+t) or Sb122 production log-log



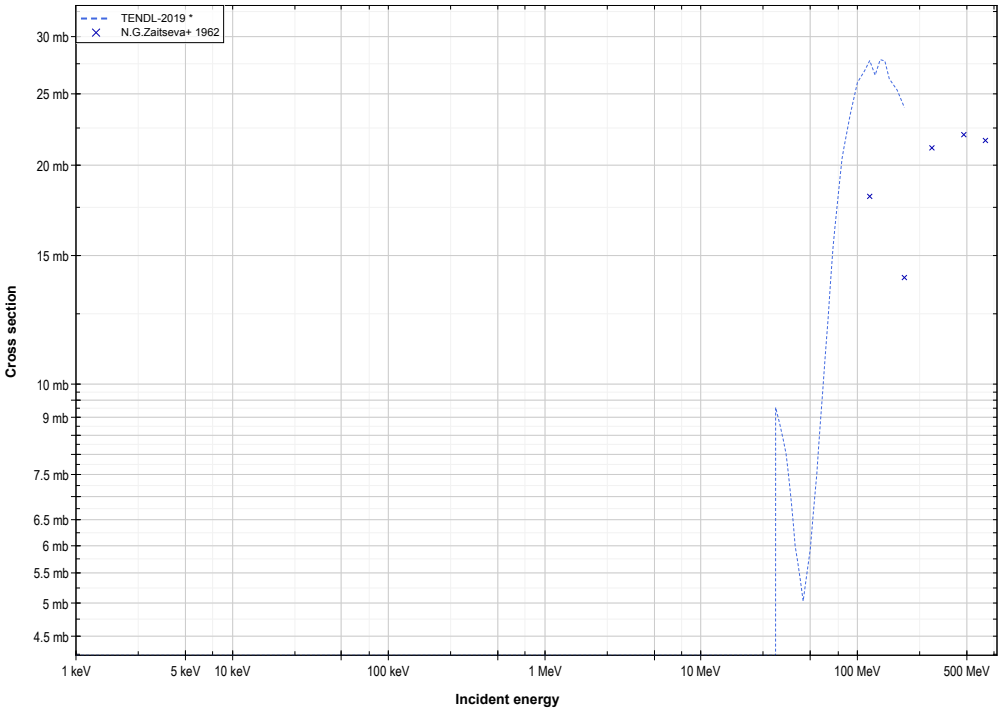
Te126 (p,d+t) or Sb122 production lin-log



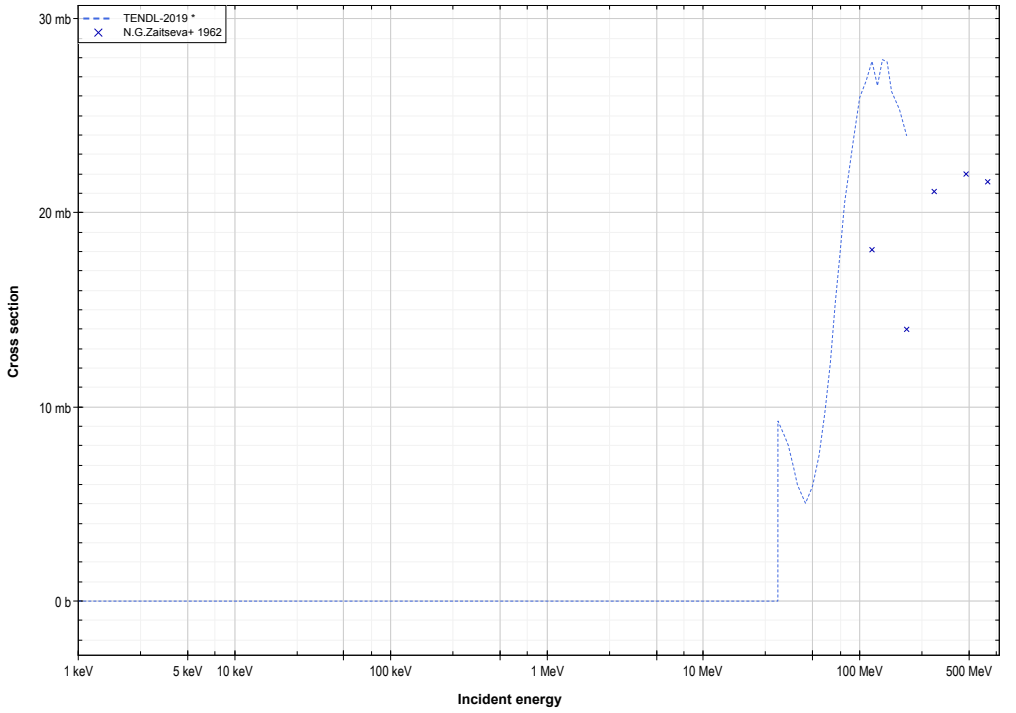
Reaction	Q-Value
Te126(p,n+α)Sb122	-4937.16 keV
Te126(p,d+t)Sb122	-22526.46 keV
Te126(p,n+p+t)Sb122	-24751.03 keV
Te126(p,2n+He3)Sb122	-25514.78 keV
Te126(p,n+2d)Sb122	-28783.69 keV
Te126(p,2n+p+d)Sb122	-31008.26 keV
Te126(p,3n+2p)Sb122	-33232.82 keV

<< 42-Mo-100	**52-Te-126**	80-Hg-202 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Sb122 production)**	MT200 (p,5n+2p) >>

Te126 (p,n+p+t) or Sb122 production log-log



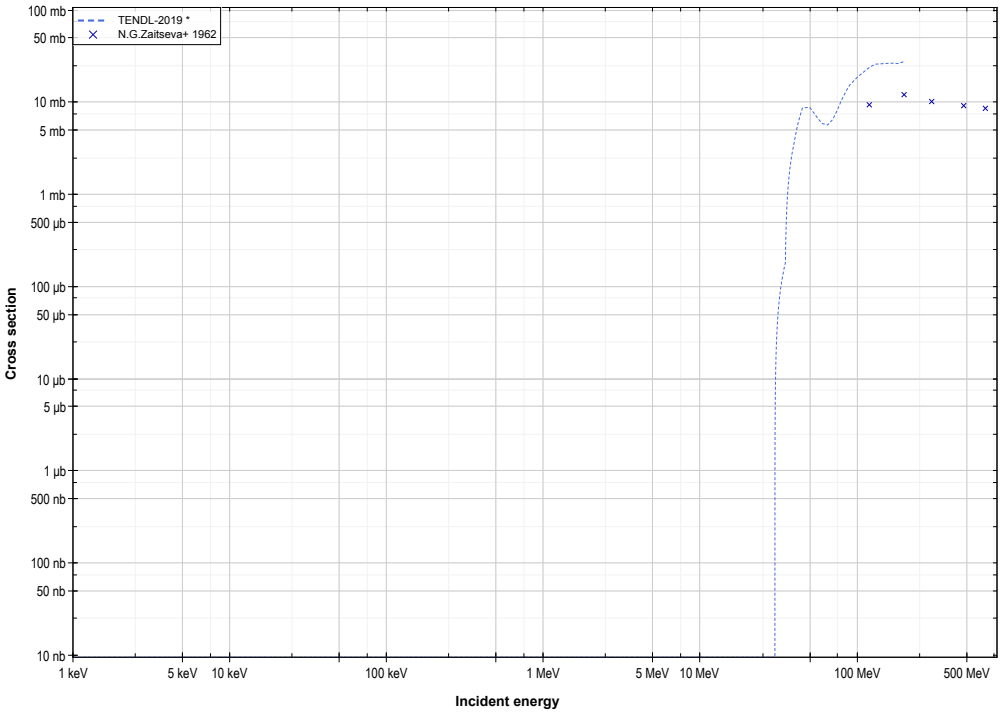
Te126 (p,n+p+t) or Sb122 production lin-log



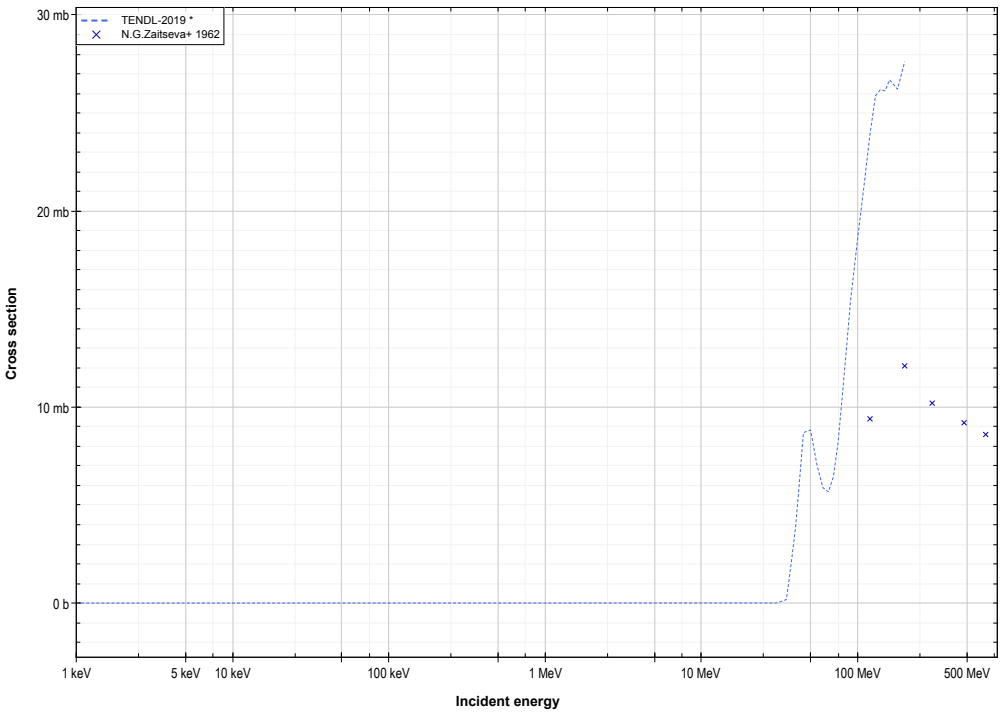
Reaction	Q-Value
Te126(p,n+α)Sb122	-4937.16 keV
Te126(p,d+t)Sb122	-22526.46 keV
Te126(p,n+p+t)Sb122	-24751.03 keV
Te126(p,2n+He3)Sb122	-25514.78 keV
Te126(p,n+2d)Sb122	-28783.69 keV
Te126(p,2n+p+d)Sb122	-31008.26 keV
Te126(p,3n+2p)Sb122	-33232.82 keV

<< 52-Te-125	**52-Te-126**	53-I-127 >>
<< MT184 (p,n+p+t)	**MT200 (p,5n+2p) or MT5 (Sb120 production)**	52-Te-128 MT4 (p,n) >>

Te126 (p,5n+2p) or Sb120 production log-log



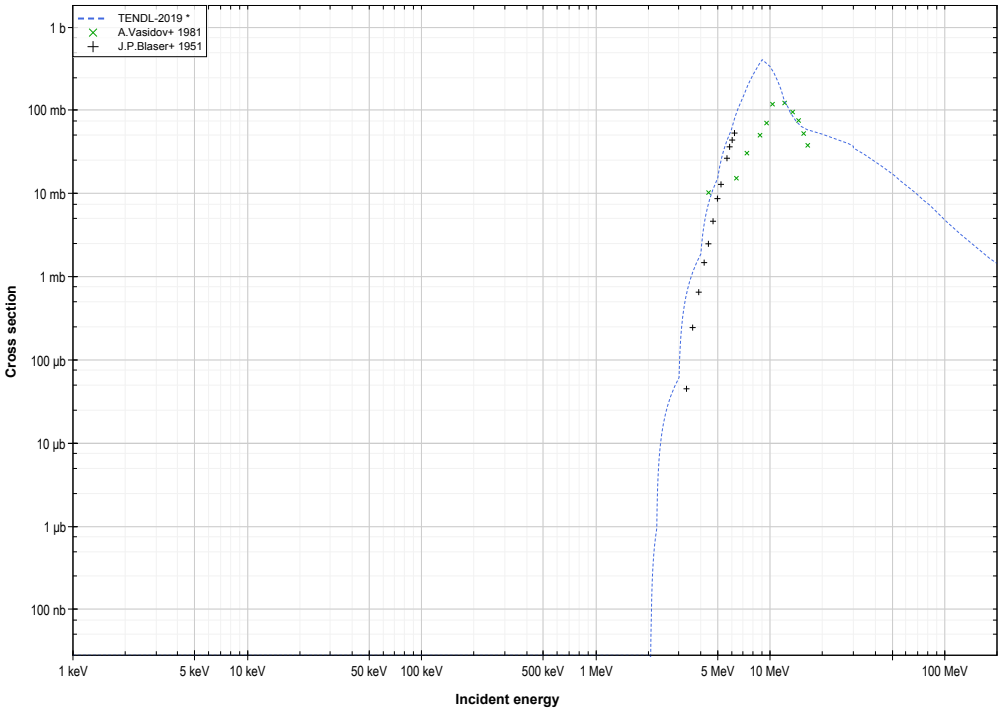
Te126 (p,5n+2p) or Sb120 production lin-log



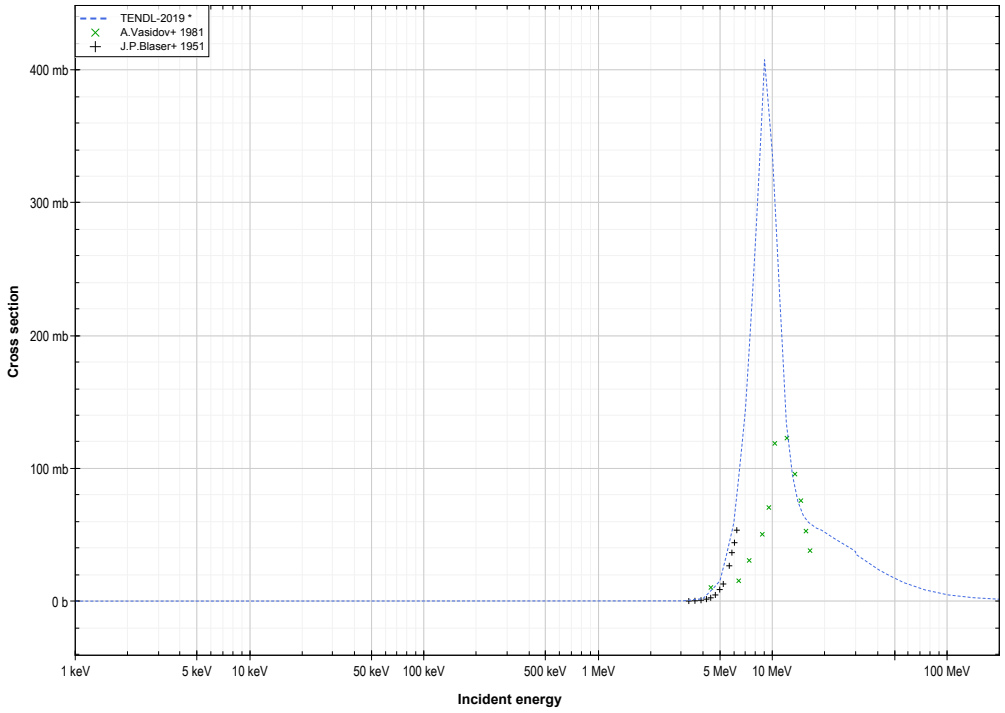
Reaction	Q-Value
Te126(p,3n+α)Sb120	-20997.20 keV
Te126(p,n+2t)Sb120	-32329.27 keV
Te126(p,2n+d+t)Sb120	-38586.50 keV
Te126(p,3n+p+t)Sb120	-40811.06 keV
Te126(p,4n+He3)Sb120	-41574.82 keV
Te126(p,3n+2d)Sb120	-44843.72 keV
Te126(p,4n+p+d)Sb120	-47068.29 keV
Te126(p,5n+2p)Sb120	-49292.86 keV

<< 52-Te-126	**52-Te-128**	52-Te-130 >>
<< 52-Te-126 MT200 (p,5n+2p)	**MT4 (p,n) or MT5 (I128 production)**	MT28 (p,n+p) >>

Te128 (p,n) or I128 production log-log



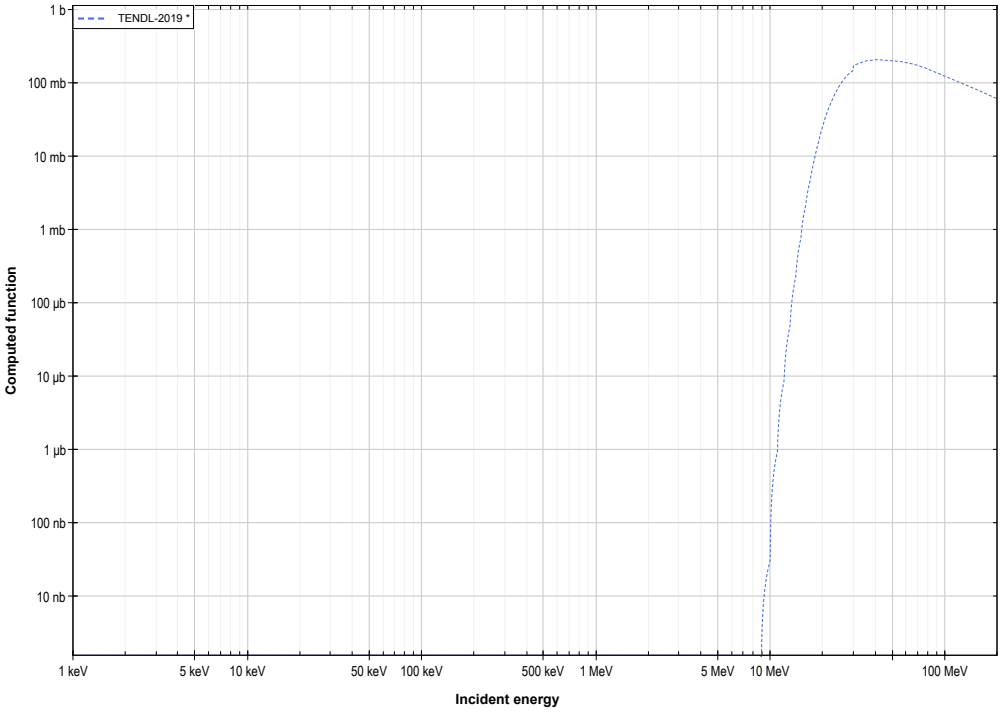
Te128 (p,n) or I128 production lin-log



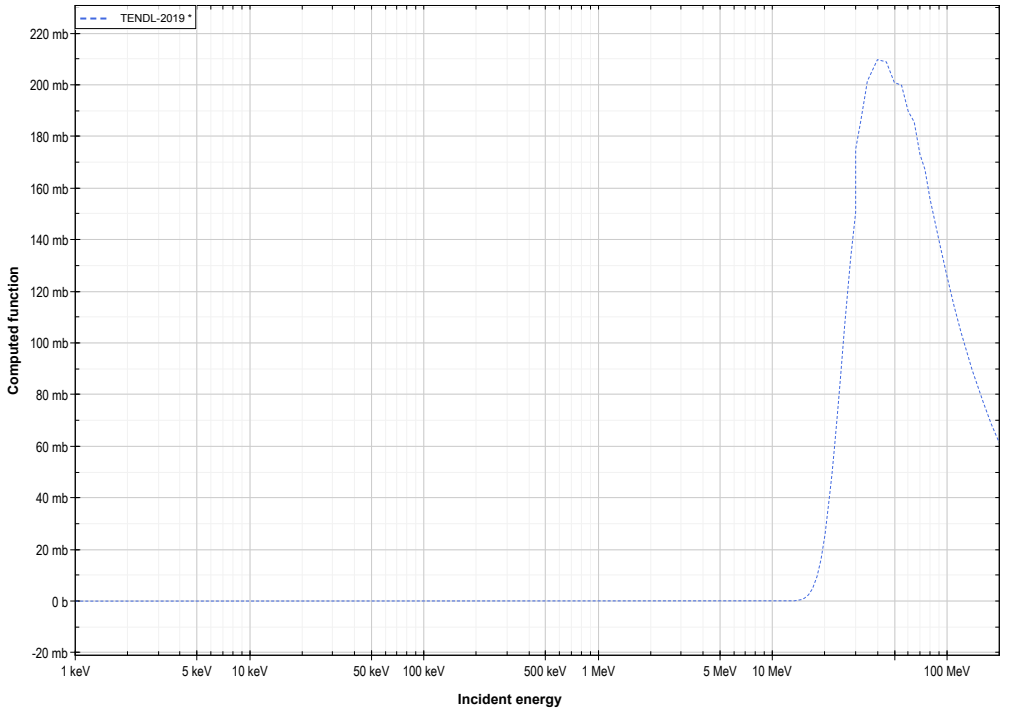
Reaction	Q-Value
Te128(p,n)I128	-2037.05 keV

<< 52-Te-126	**52-Te-128**	52-Te-130 >>
<< MT4 (p,n)	**MT28 (p,n+p) or MT5 (Te127 production)**	MT111 (p,2p) >>

Te128 (p,n+p) or Te127 production log-log



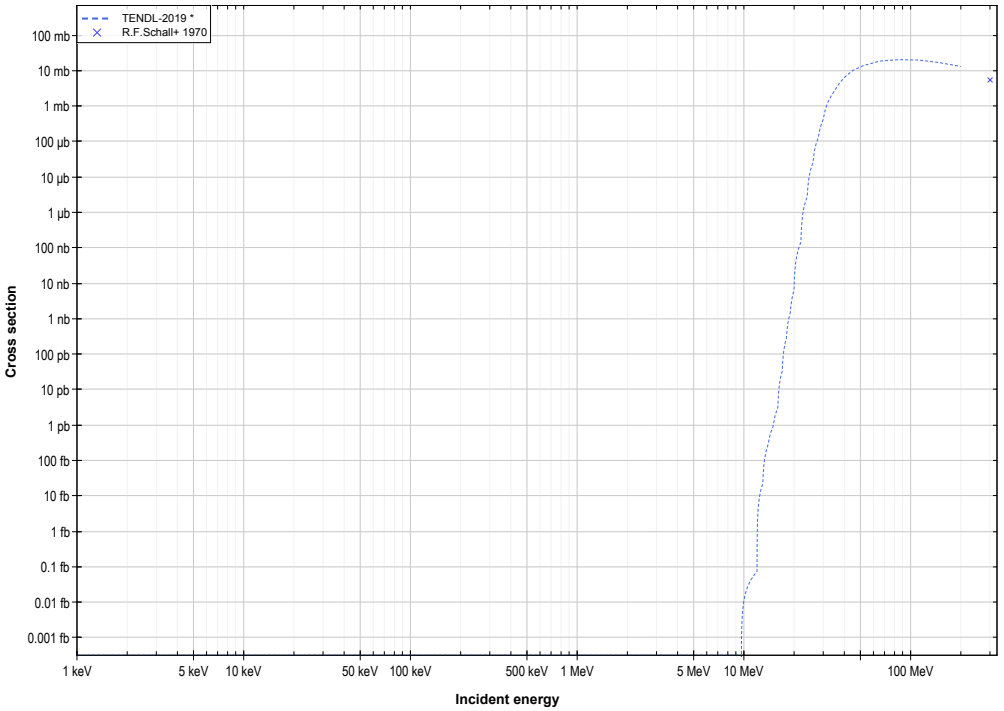
Te128 (p,n+p) or Te127 production lin-log



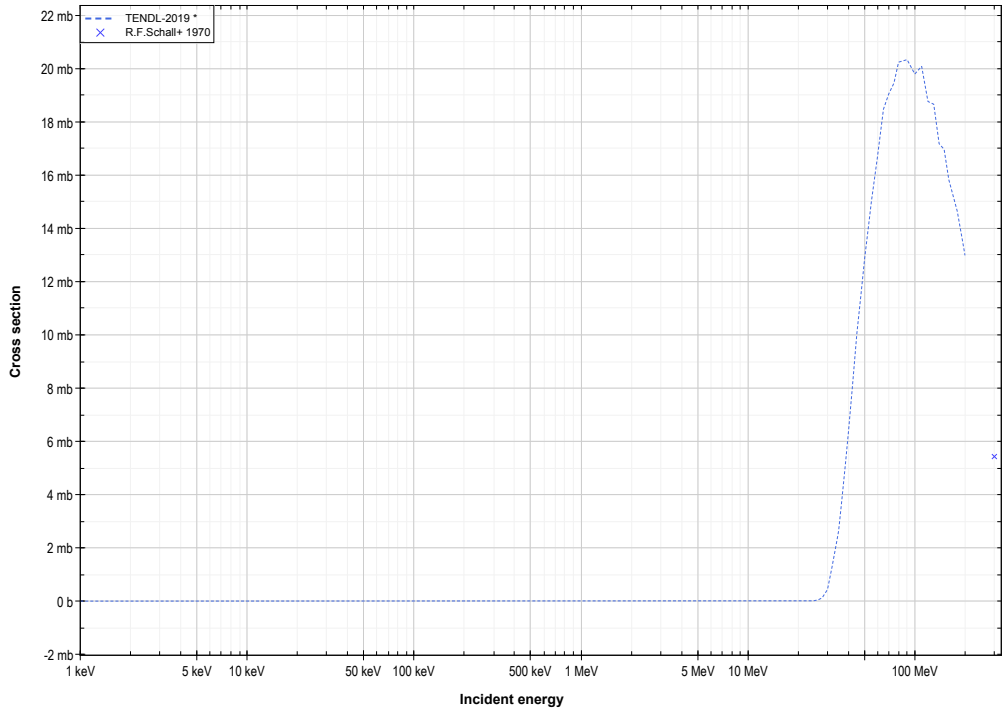
Reaction	Q-Value
Te128(p,d)Te127	-6558.75 keV
Te128(p,n+p)Te127	-8783.32 keV

<< 52-Te-126	**52-Te-128**	52-Te-130 >>
<< MT28 (p,n+p)	**MT111 (p,2p) or MT5 (Sb127 production)**	52-Te-130 MT4 (p,n) >>

Te128 (p,2p) or Sb127 production log-log



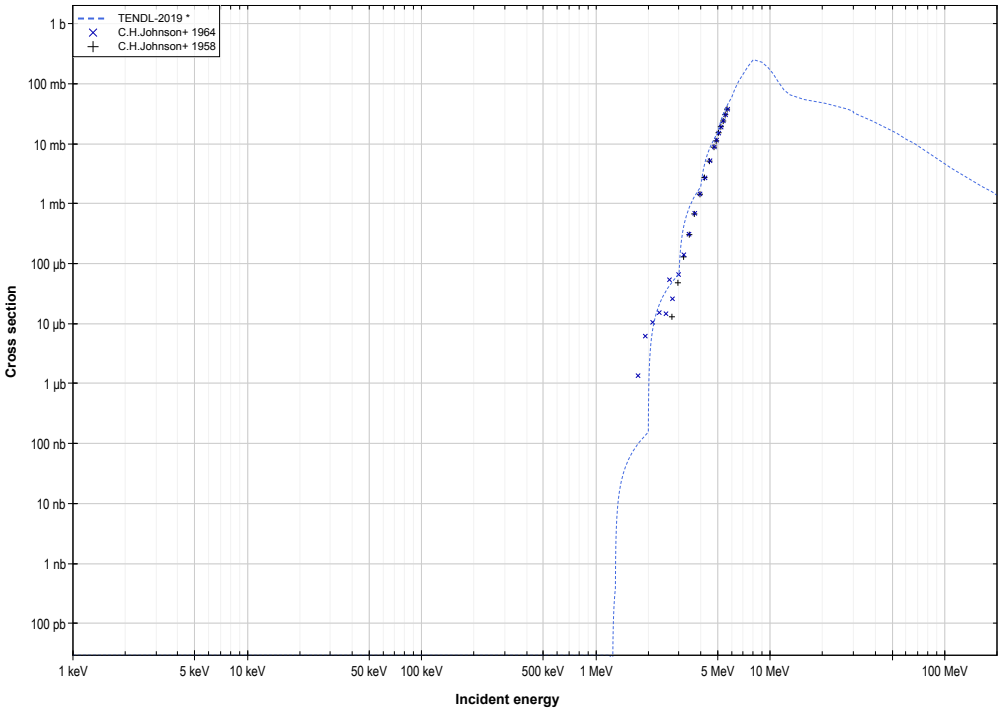
Te128 (p,2p) or Sb127 production lin-log



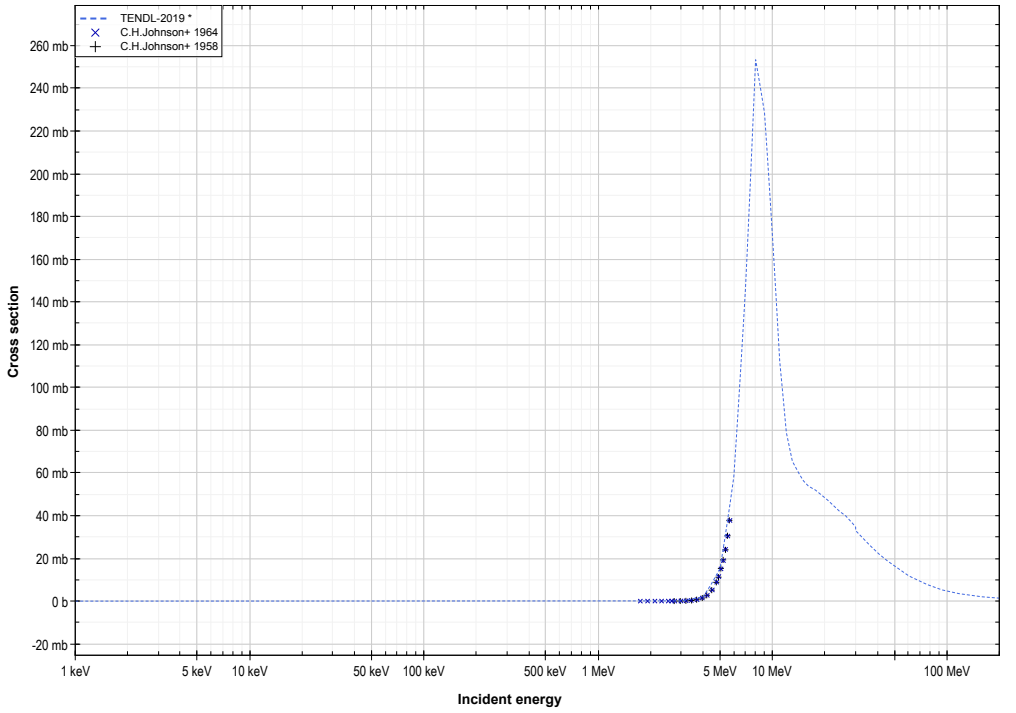
Reaction	Q-Value
Te128(p,2p)Sb127	-9583.67 keV

<< 52-Te-128	**52-Te-130**	53-I-127 >>
<< 52-Te-128 MT111 (p,2p)	**MT4 (p,n) or MT5 (I130 production)**	MT28 (p,n+p) >>

Te130 (p,n) or I130 production log-log



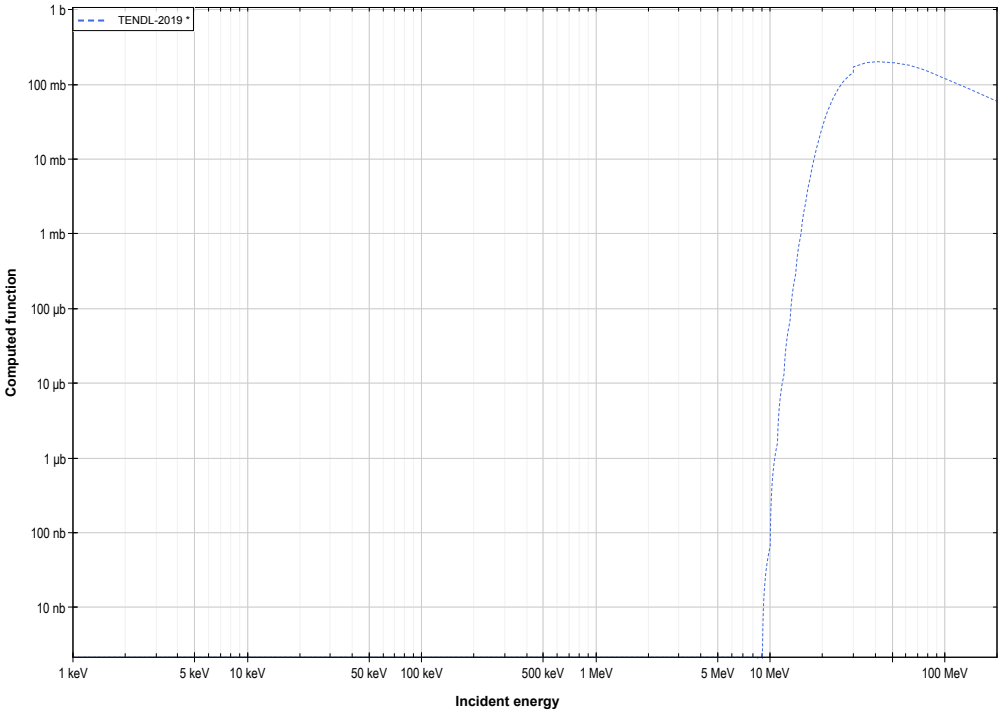
Te130 (p,n) or I130 production lin-log



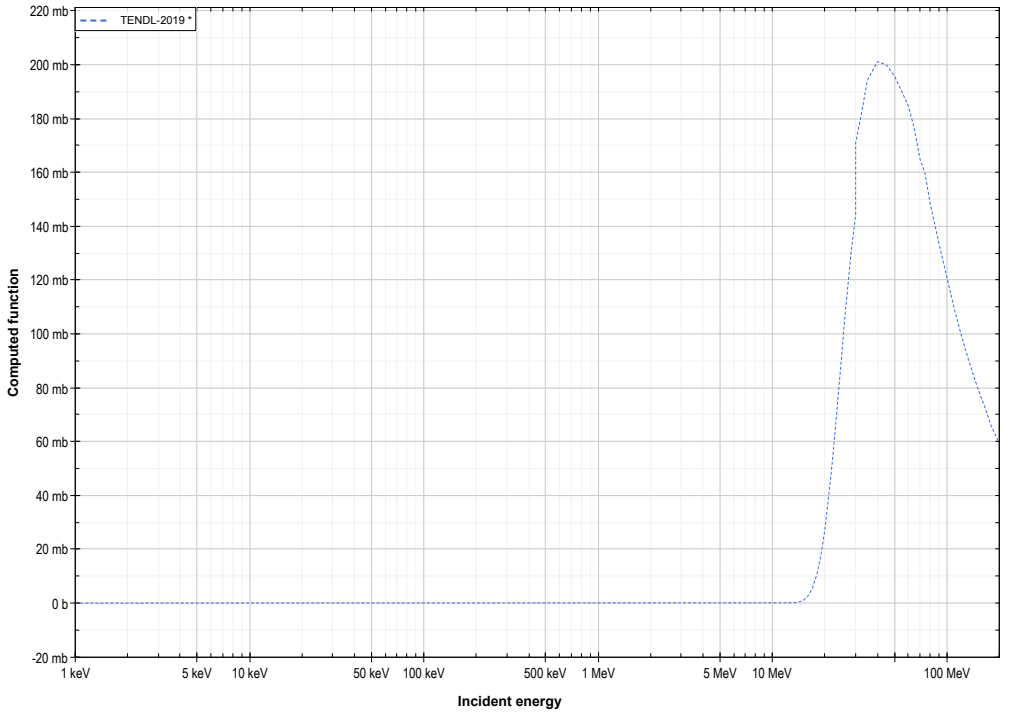
Reaction	Q-Value
Te130(p,n)I130	-1199.30 keV

<< 52-Te-128	**52-Te-130**	53-I-127 >>
<< MT4 (p,n)	**MT28 (p,n+p) or MT5 (Te129 production)**	MT102 (p,γ) >>

Te130 (p,n+p) or Te129 production log-log



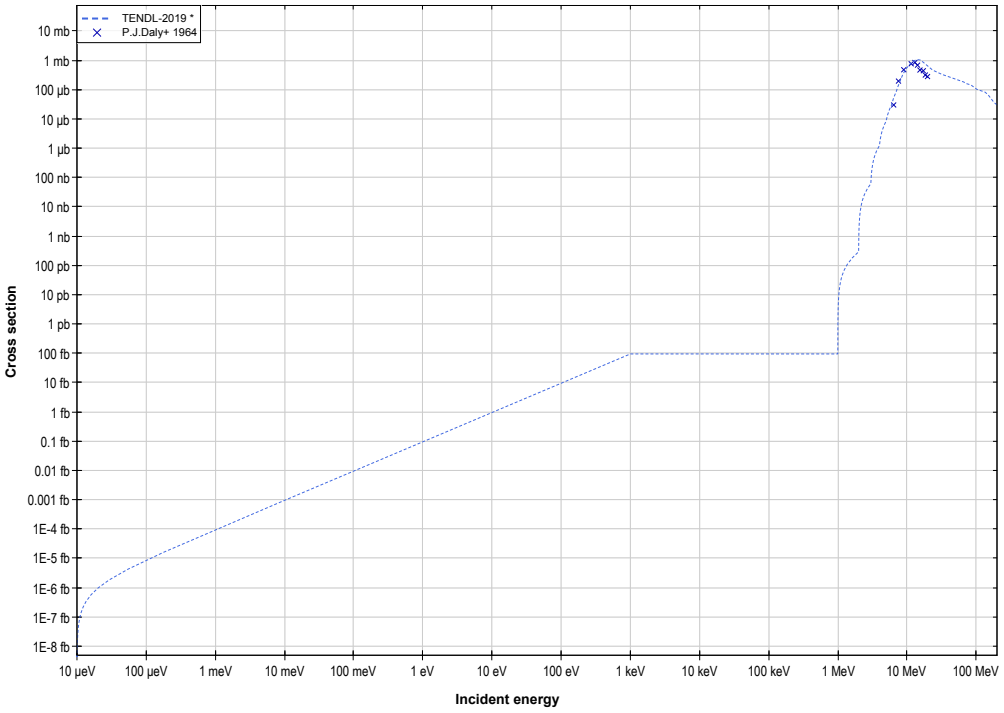
Te130 (p,n+p) or Te129 production lin-log



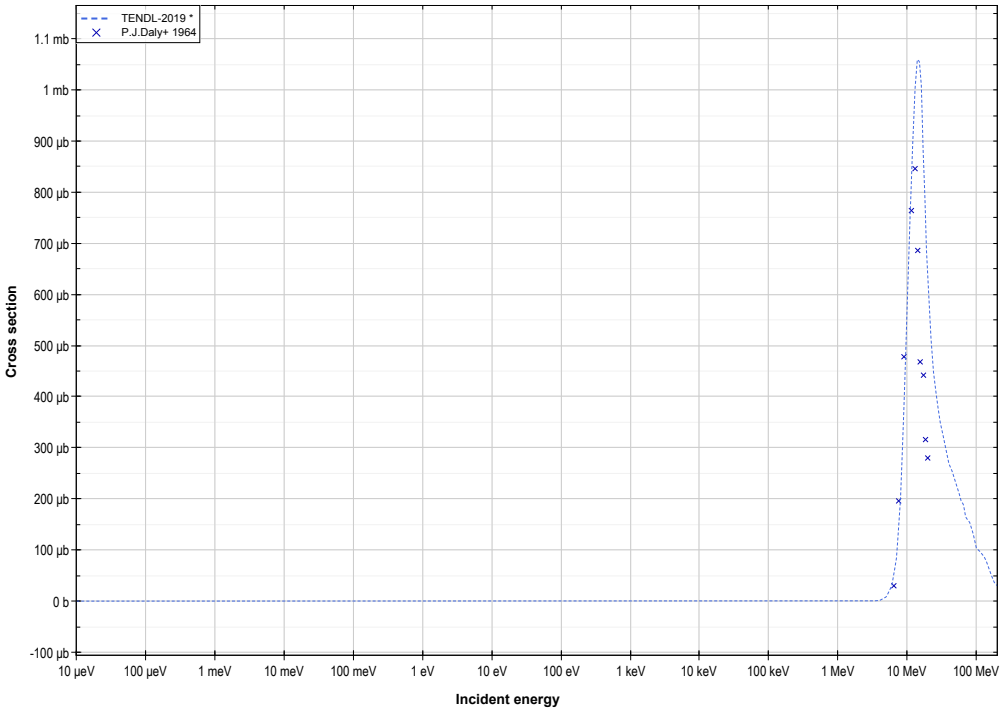
Reaction	Q-Value
Te130(p,d)Te129	-6194.90 keV
Te130(p,n+p)Te129	-8419.47 keV

<< 52-Te-125	**52-Te-130**	58-Ce-142 >>
<< MT28 (p,n+p)	**MT102 (p,γ) or MT5 (I131 production)**	MT111 (p,2p) >>

Te130 (p,γ) or I131 production log-log



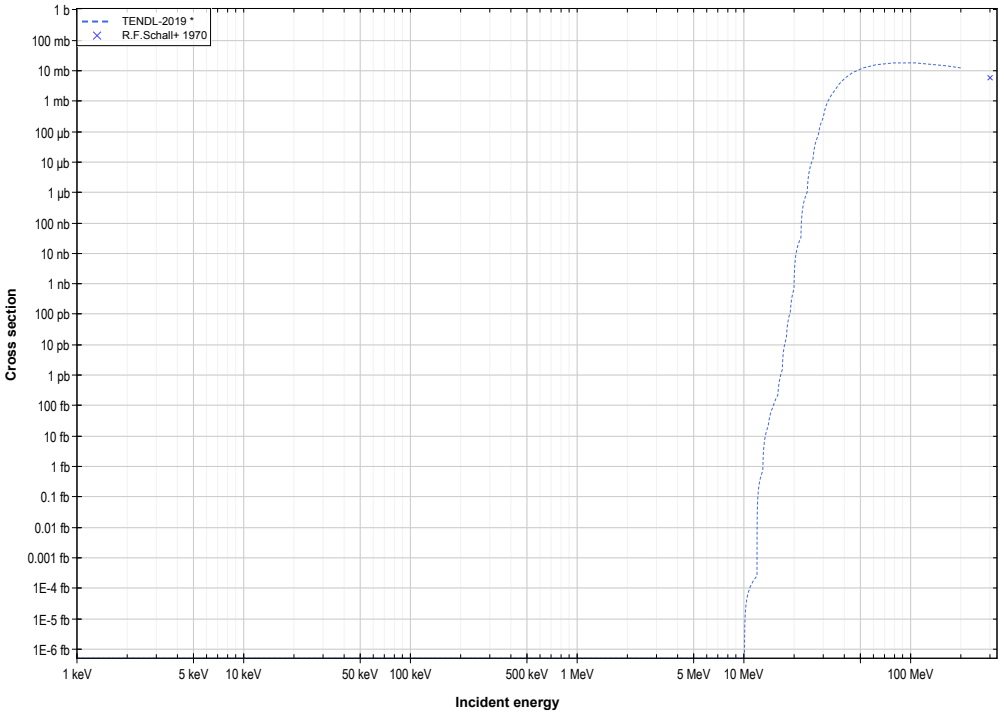
Te130 (p,γ) or I131 production lin-log



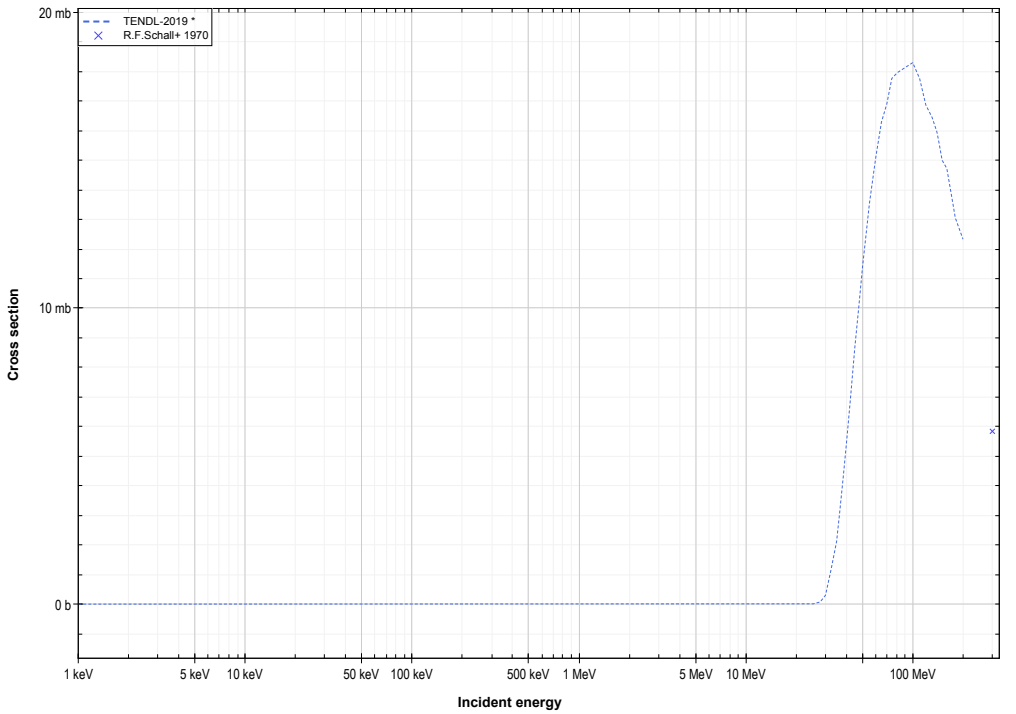
Reaction	Q-Value
Te130(p,γ)I131	7378.72 keV

<< 52-Te-128	**52-Te-130**	58-Ce-142 >>
<< MT102 (p,γ)	**MT111 (p,2p) or MT5 (Sb129 production)**	53-I-127 MT4 (p,n) >>

Te130 (p,2p) or Sb129 production log-log



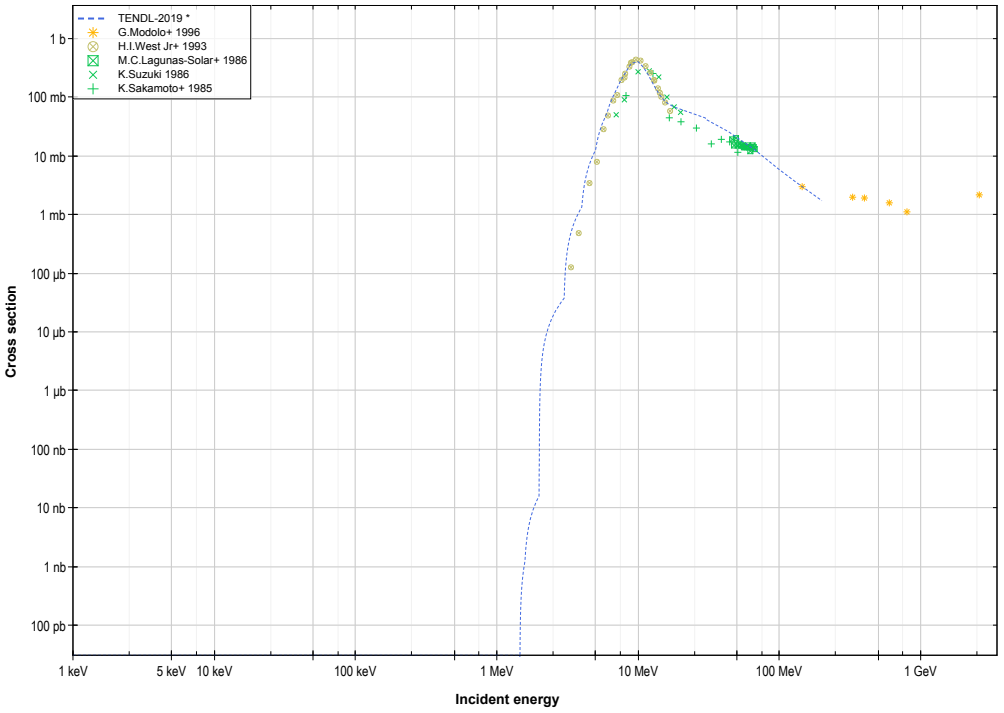
Te130 (p,2p) or Sb129 production lin-log



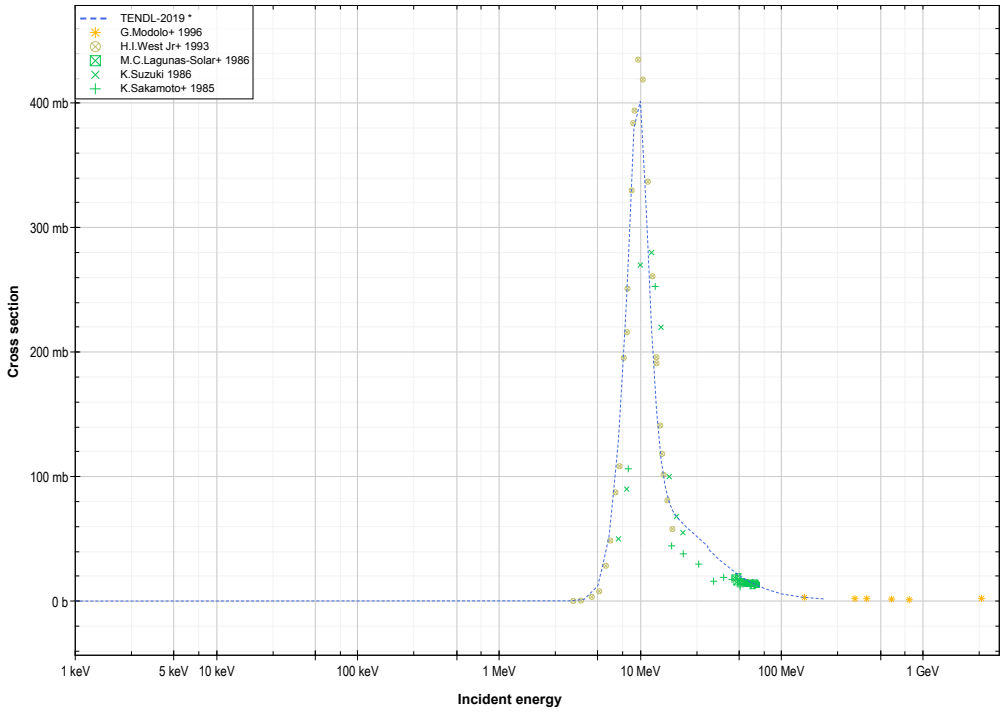
Reaction	Q-Value
Te130(p,2p)Sb129	-10012.92 keV

<< 52-Te-130	**53-I-127**	54-Xe-131 >>
<< 52-Te-130 MT111 (p,2p)	**MT4 (p,n) or MT5 (Xe127 production)**	MT11 (p,2n+d) >>

I127 (p,n) or Xe127 production log-log



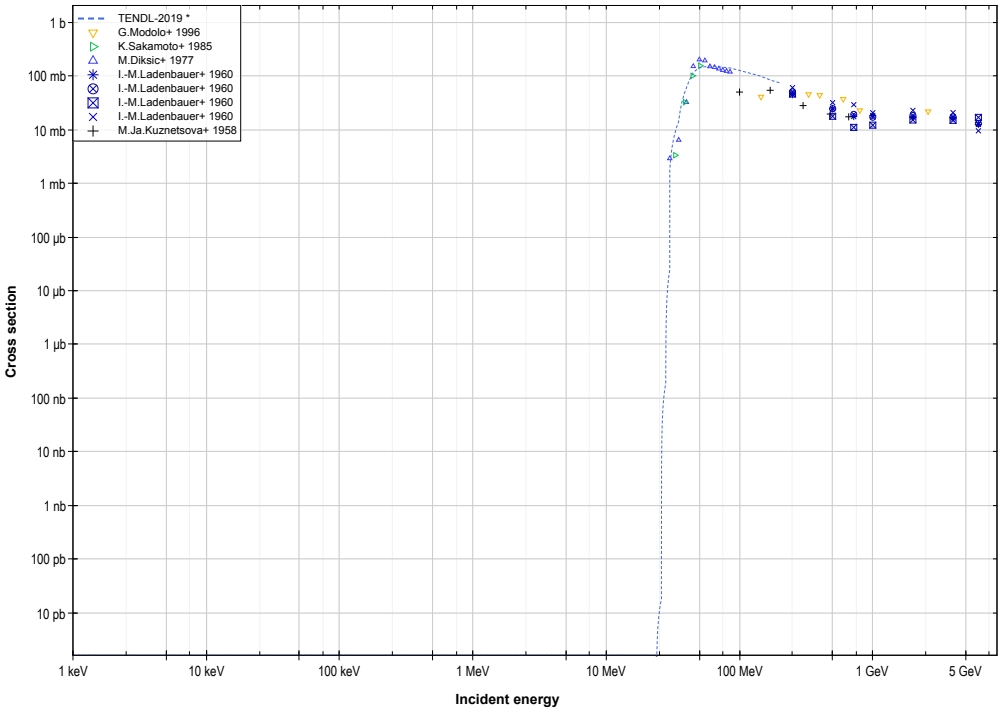
I127 (p,n) or Xe127 production lin-log



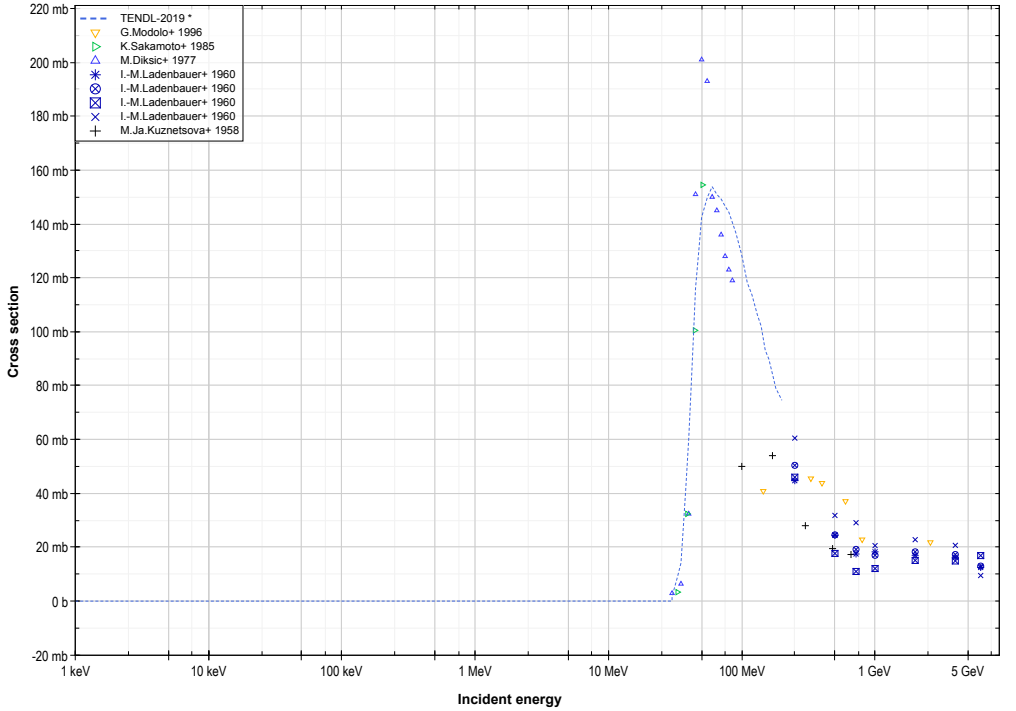
Reaction	Q-Value
I127(p,n)Xe127	-1444.35 keV

<< 52-Te-122	**53-I-127**	55-Cs-133 >>
<< MT4 (p,n)	**MT11 (p,2n+d) or MT5 (I124 production)**	MT17 (p,3n) >>

I127 (p,2n+d) or I124 production log-log



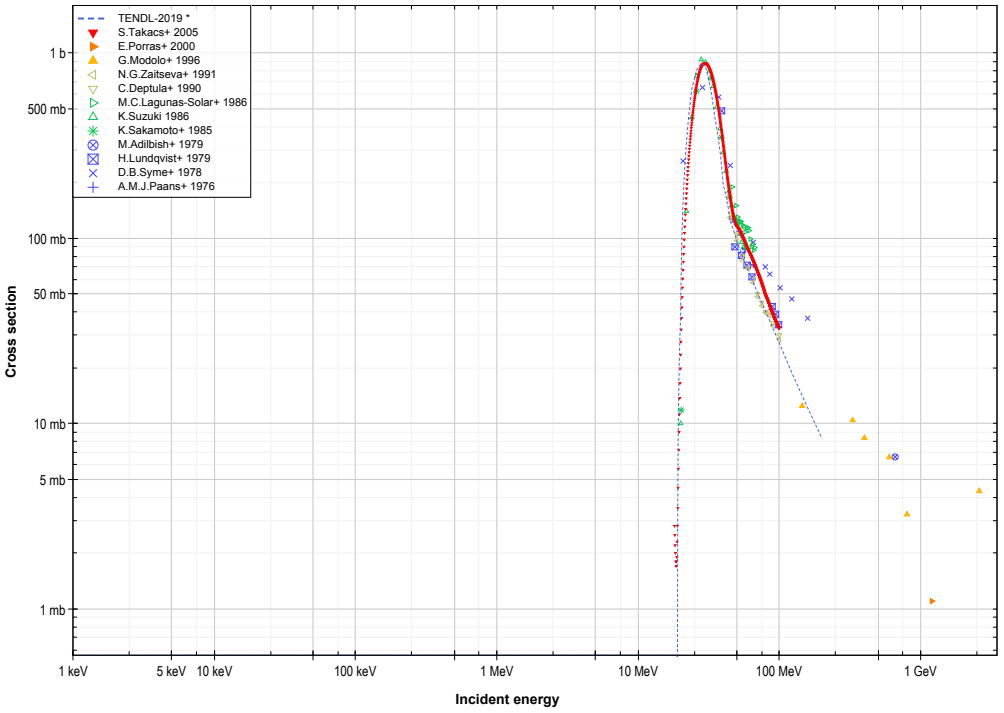
I127 (p,2n+d) or I124 production lin-log



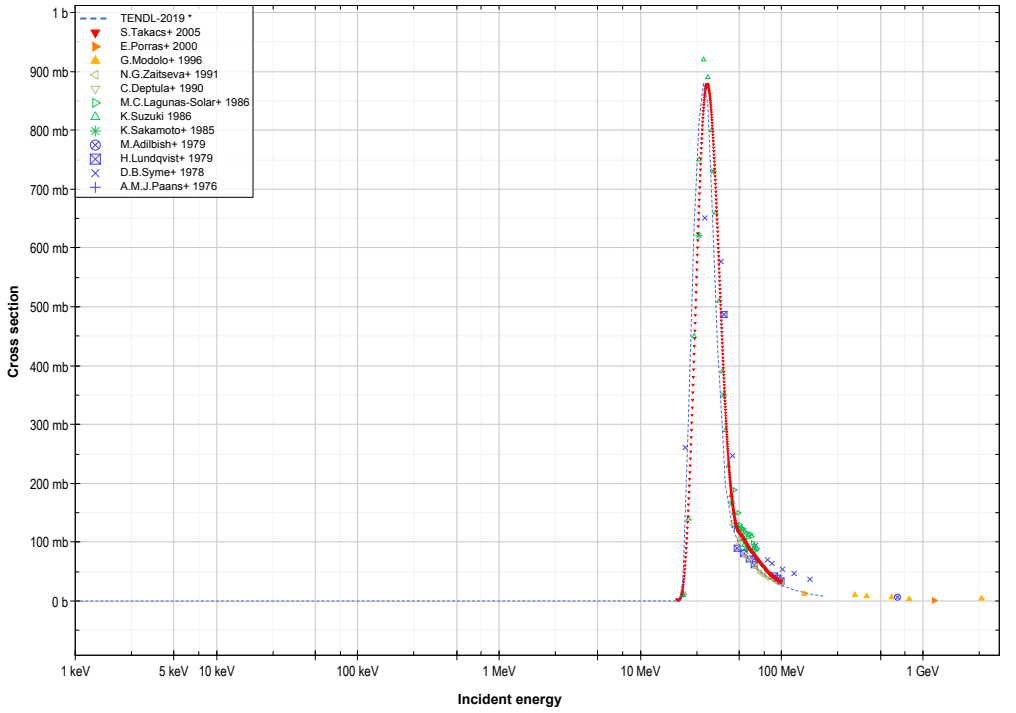
Reaction	Q-Value
I127(p,n+t)I124	-17350.46 keV
I127(p,2n+d)I124	-23607.69 keV
I127(p,3n+p)I124	-25832.25 keV

<< 52-Te-126	**53-I-127**	54-Xe-124 >>
<< MT11 (p,2n+d)	**MT17 (p,3n) or MT5 (Xe125 production)**	MT25 (p,3n+α) >>

I127 (p,3n) or Xe125 production log-log



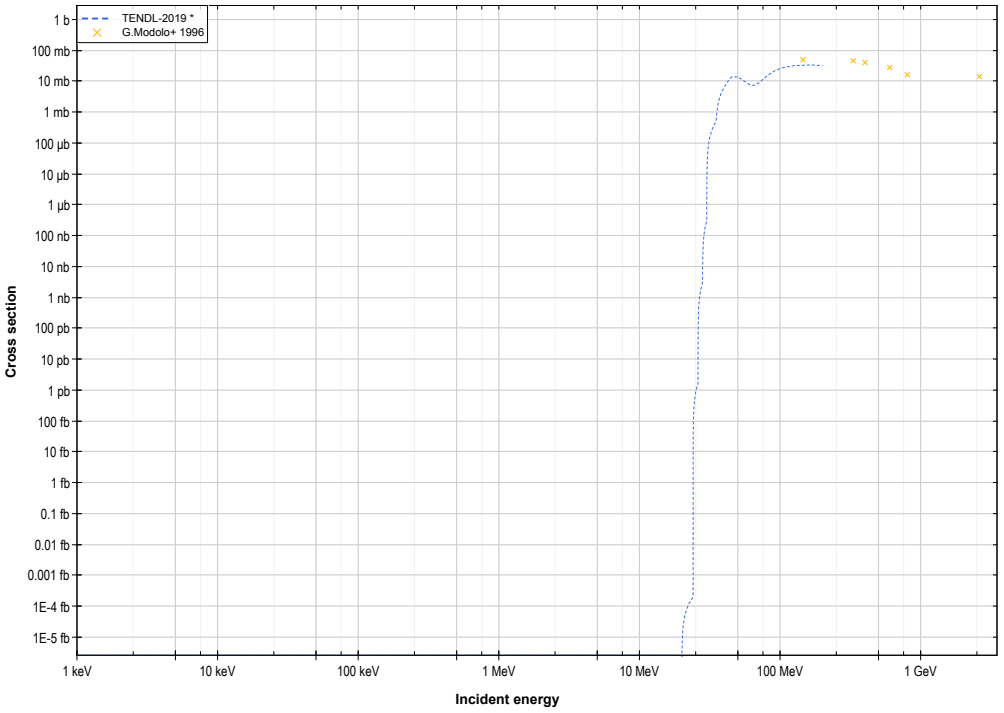
I127 (p,3n) or Xe125 production lin-log



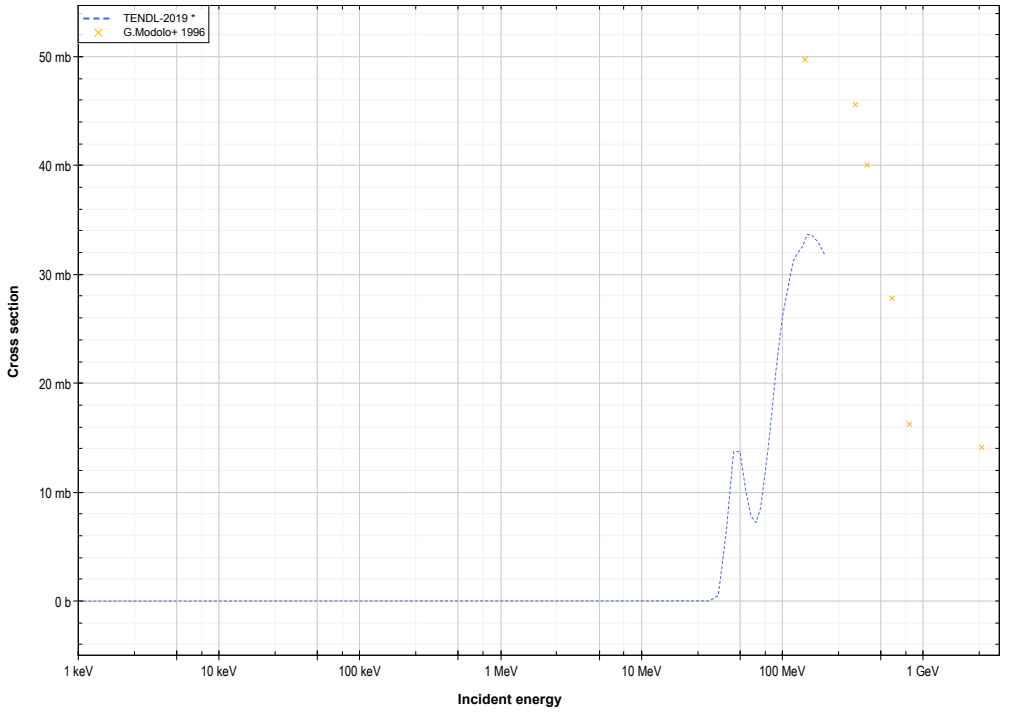
Reaction	Q-Value
I127(p,3n)Xe125	-18715.58 keV

<< 52-Te-126	**53-I-127**	76-Os-192 >>
<< MT17 (p,3n)	**MT25 (p,3n+α) or MT5 (Te121 production)**	MT28 (p,n+p) >>

I127 (p,3n+α) or Te121 production log-log



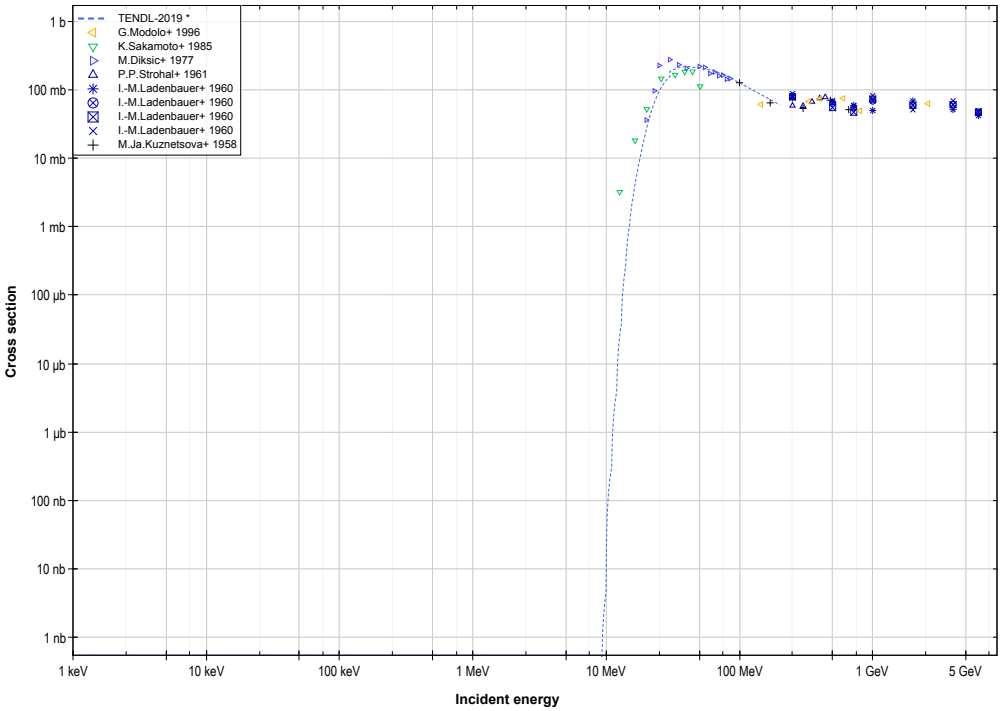
I127 (p,3n+α) or Te121 production lin-log



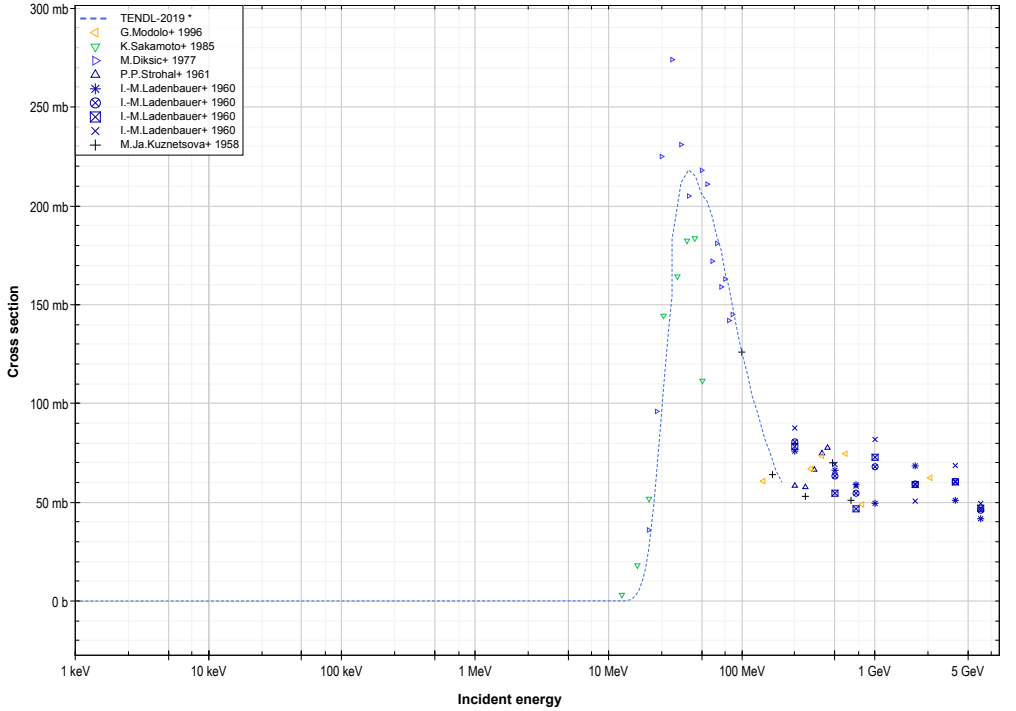
Reaction	Q-Value
I127(p,3n+α)Te121	-19787.90 keV
I127(p,n+2t)Te121	-31119.97 keV
I127(p,2n+d+t)Te121	-37377.20 keV
I127(p,3n+p+t)Te121	-39601.76 keV
I127(p,4n+He3)Te121	-40365.52 keV
I127(p,3n+2d)Te121	-43634.42 keV
I127(p,4n+p+d)Te121	-45858.99 keV
I127(p,5n+2p)Te121	-48083.56 keV

<< 52-Te-130	**53-I-127**	54-Xe-124 >>
<< MT25 (p,3n+α)	**MT28 (p,n+p) or MT5 (I126 production)**	MT32 (p,n+d) >>

I127 (p,n+p) or I126 production log-log



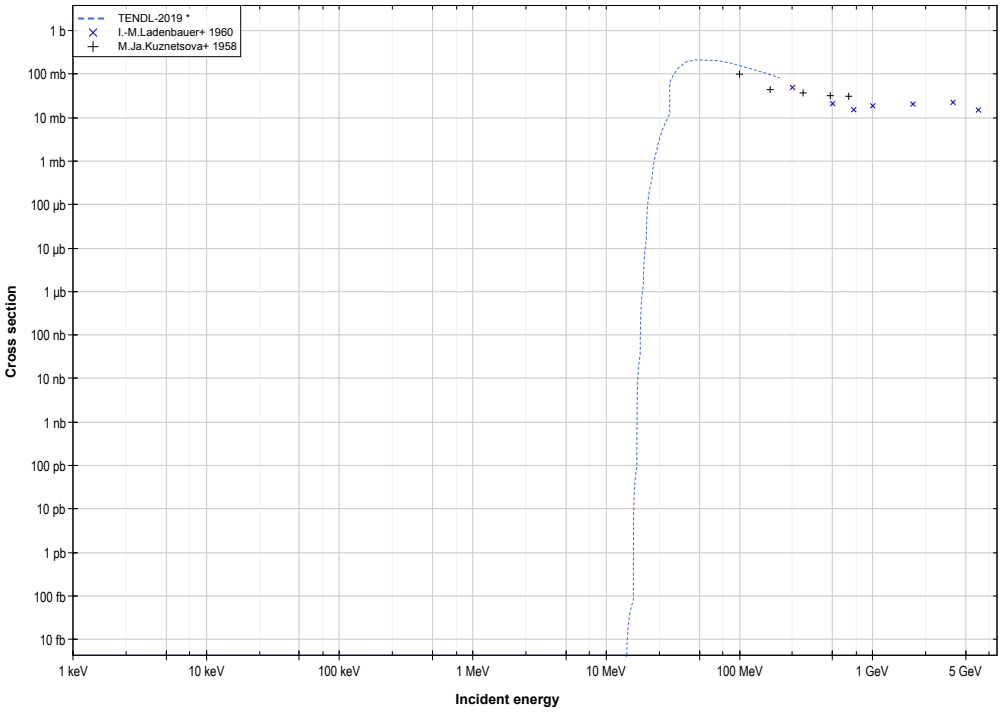
I127 (p,n+p) or I126 production lin-log



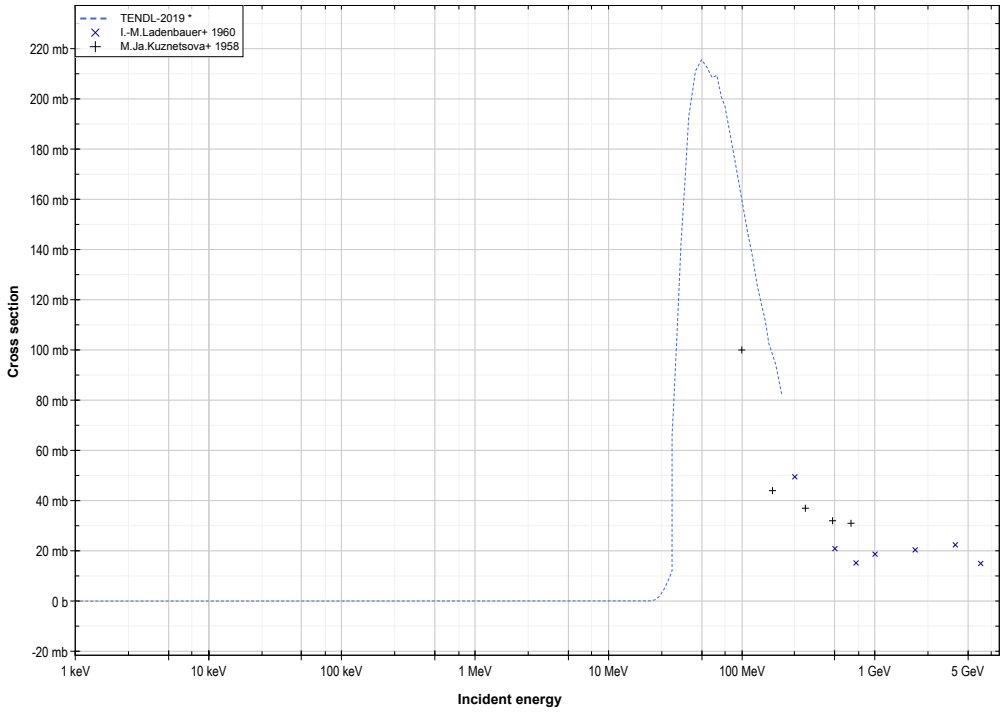
Reaction	Q-Value
I127(p,d)I126	-6919.75 keV
I127(p,n+p)I126	-9144.32 keV

<< 50-Sn-112	**53-I-127**	55-Cs-133 >>
<< MT28 (p,n+p)	**MT32 (p,n+d) or MT5 (I125 production)**	MT33 (p,n+t) >>

I127 (p,n+d) or I125 production log-log



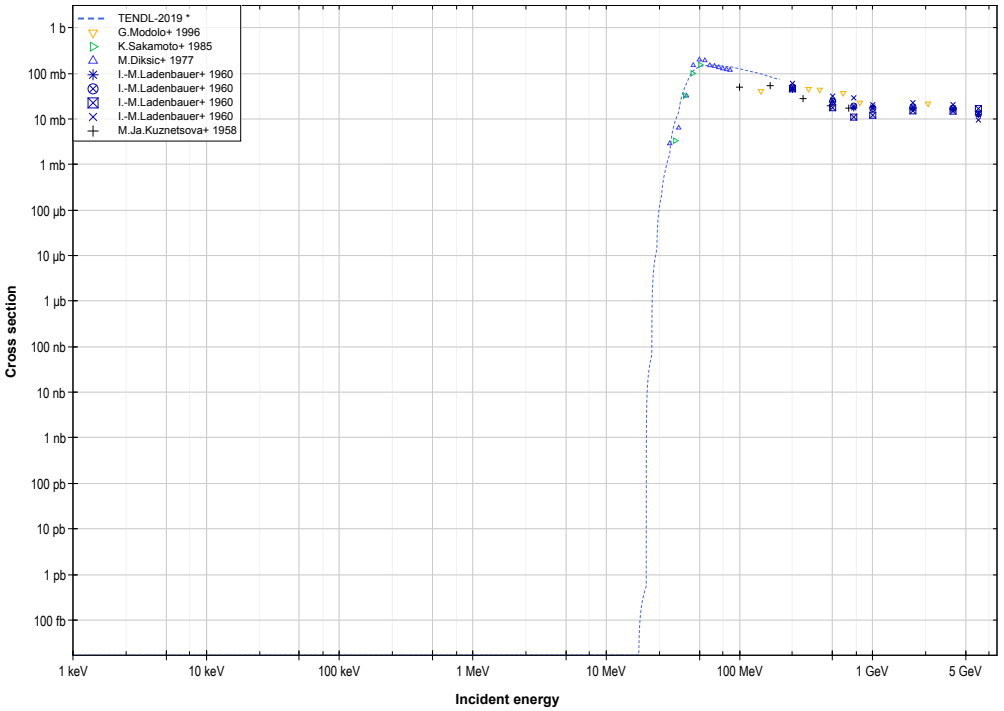
I127 (p,n+d) or I125 production lin-log



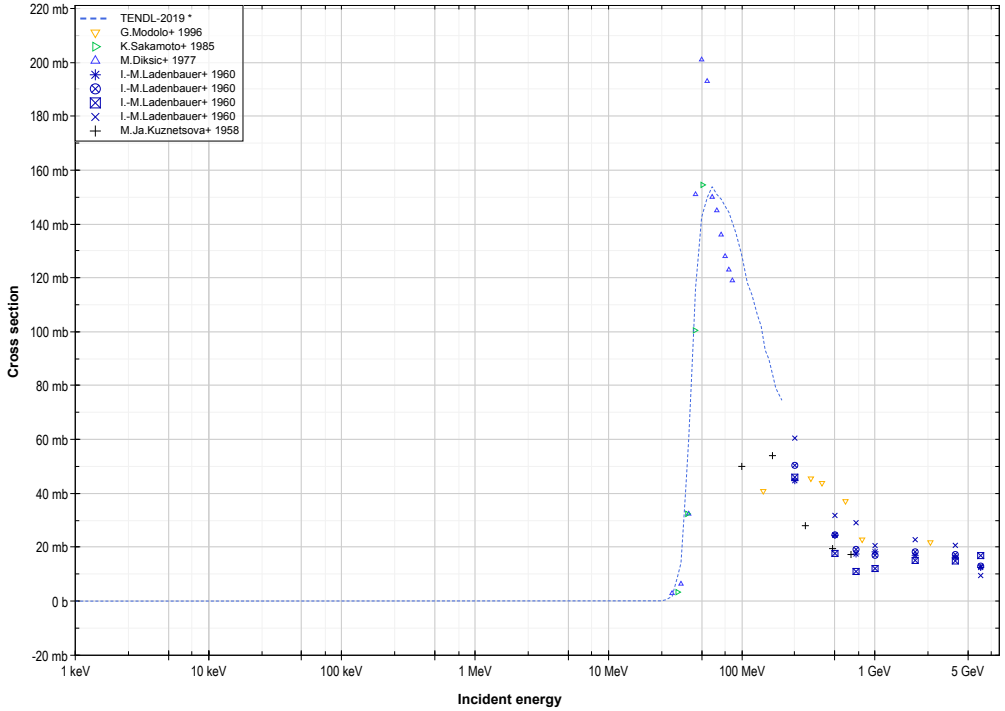
Reaction	Q-Value
I127(p,t)I125	-7807.64 keV
I127(p,n+d)I125	-14064.87 keV
I127(p,2n+p)I125	-16289.43 keV

<< 52-Te-122	**53-I-127**	55-Cs-133 >>
<< MT32 (p,n+d)	**MT33 (p,n+t) or MT5 (I124 production)**	MT41 (p,2n+p) >>

I127 (p,n+t) or I124 production log-log



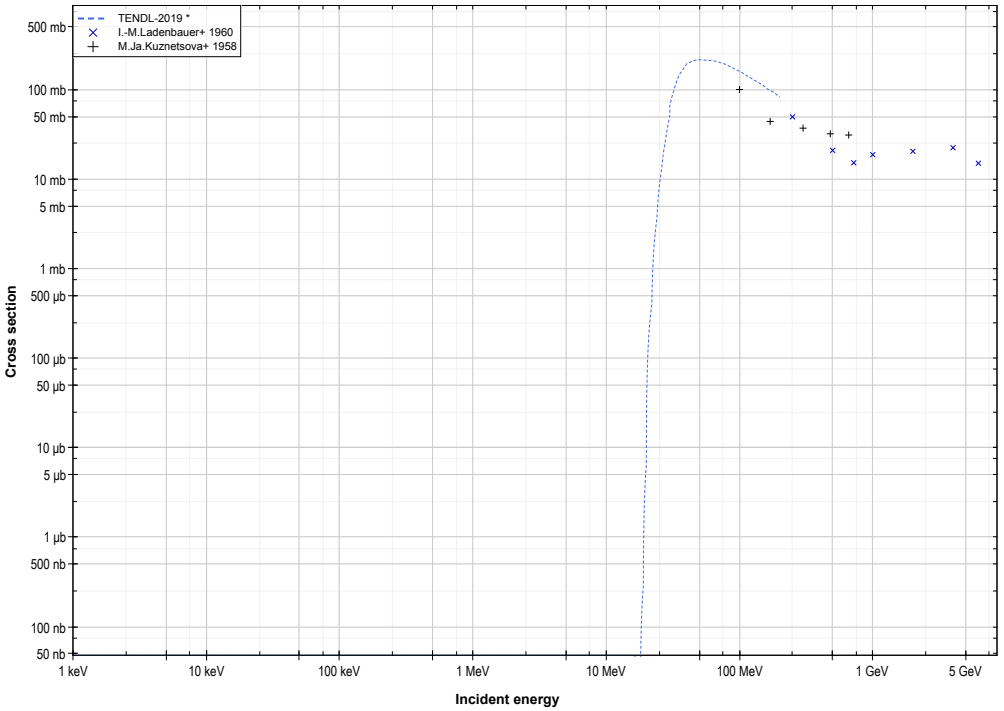
I127 (p,n+t) or I124 production lin-log



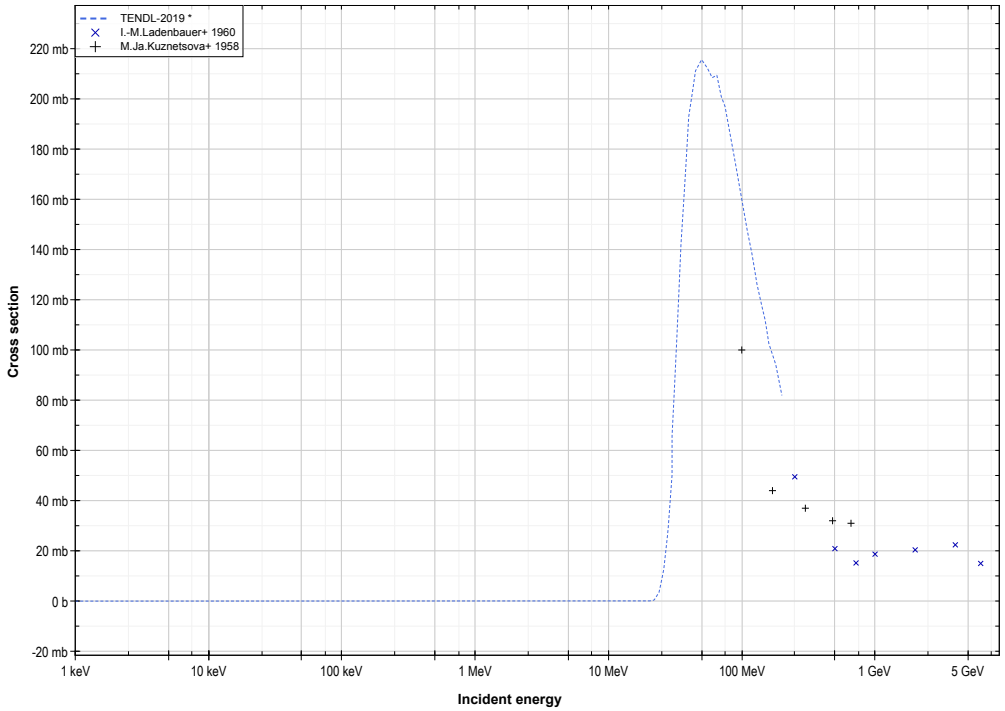
Reaction	Q-Value
I127(p,n+t)I124	-17350.46 keV
I127(p,2n+d)I124	-23607.69 keV
I127(p,3n+p)I124	-25832.25 keV

<< 50-Sn-112	**53-I-127**	55-Cs-133 >>
<< MT33 (p,n+t)	**MT41 (p,2n+p) or MT5 (I125 production)**	MT42 (p,3n+p) >>

I127 (p,2n+p) or I125 production log-log



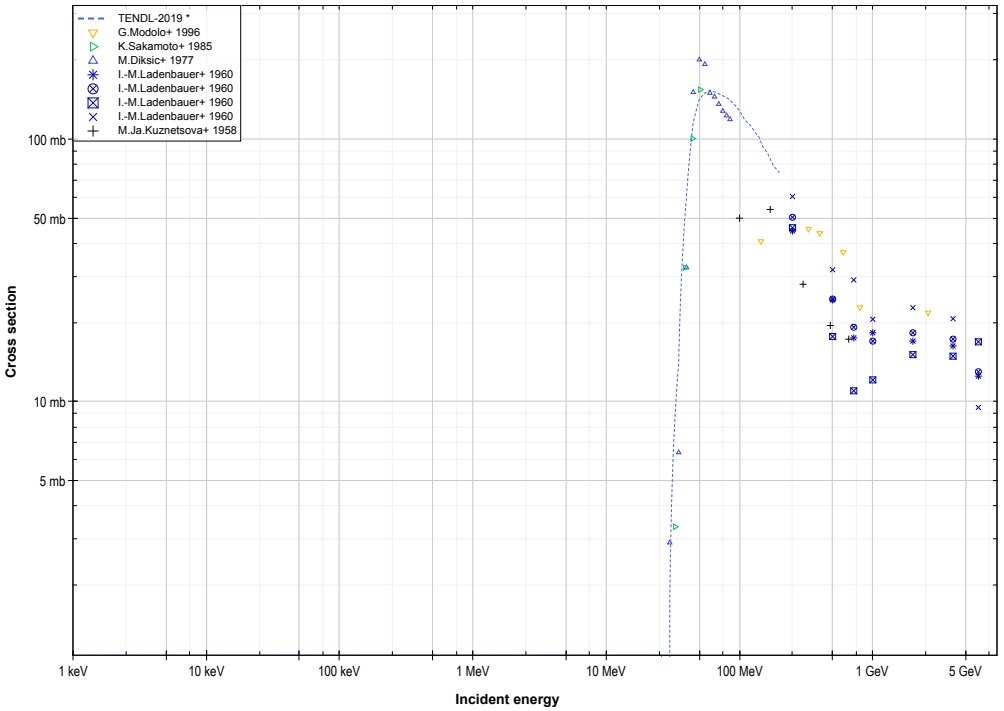
I127 (p,2n+p) or I125 production lin-log



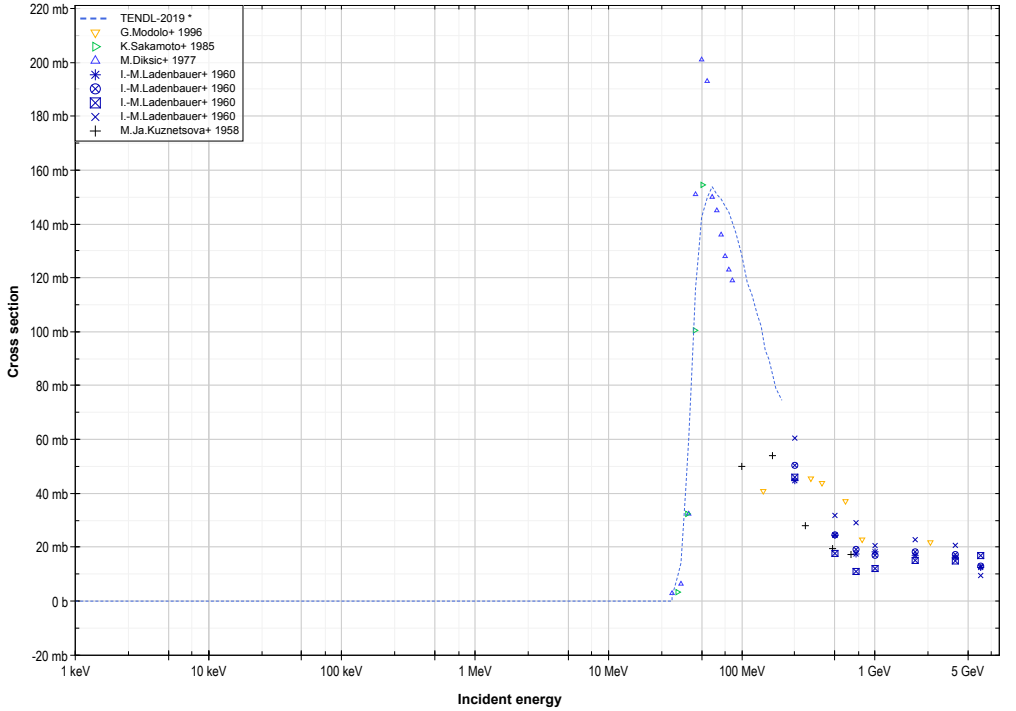
Reaction	Q-Value
I127(p,t)I125	-7807.64 keV
I127(p,n+d)I125	-14064.87 keV
I127(p,2n+p)I125	-16289.43 keV

<< 52-Te-122	**53-I-127**	55-Cs-133 >>
<< MT41 (p,2n+p)	**MT42 (p,3n+p) or MT5 (I124 production)**	MT45 (p,n+p+α) >>

I127 (p,3n+p) or I124 production log-log



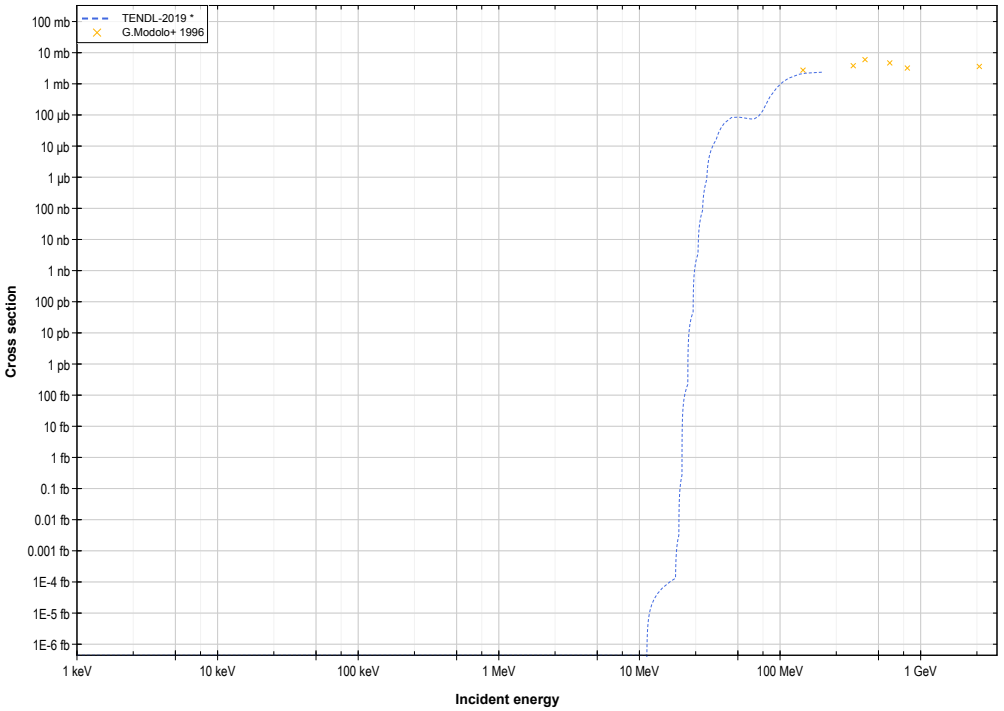
I127 (p,3n+p) or I124 production lin-log



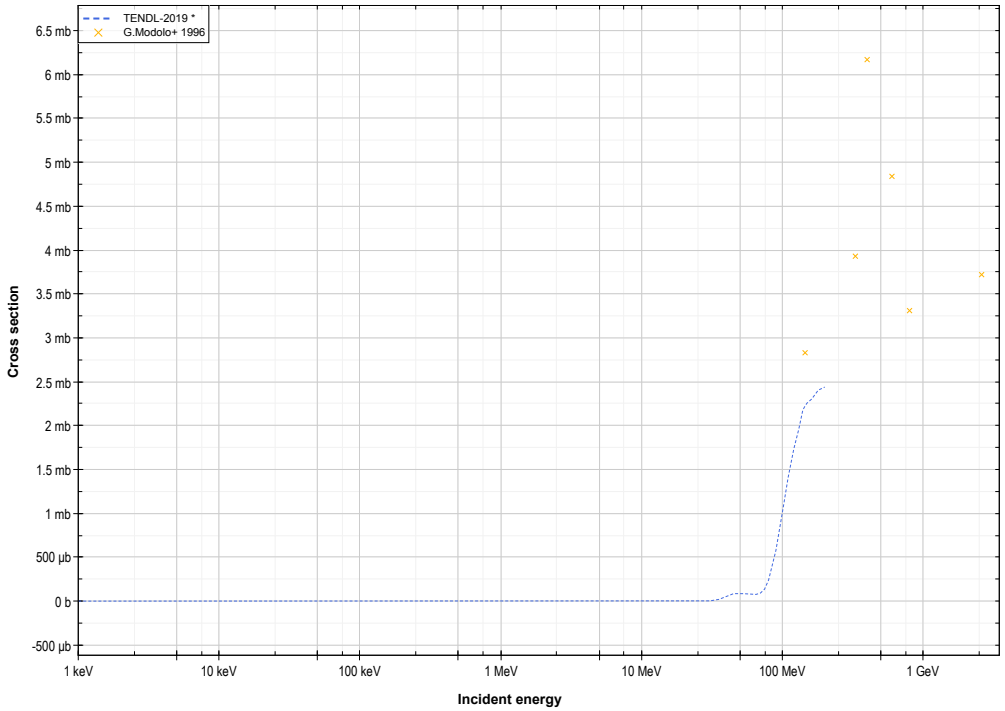
Reaction	Q-Value
I127(p,n+t)I124	-17350.46 keV
I127(p,2n+d)I124	-23607.69 keV
I127(p,3n+p)I124	-25832.25 keV

<< 41-Nb-93	**53-I-127**	55-Cs-133 >>
<< MT42 (p,3n+p)	**MT45 (p,n+p+α) or MT5 (Sb122 production)**	MT104 (p,d) >>

I127 (p,n+p+α) or Sb122 production log-log



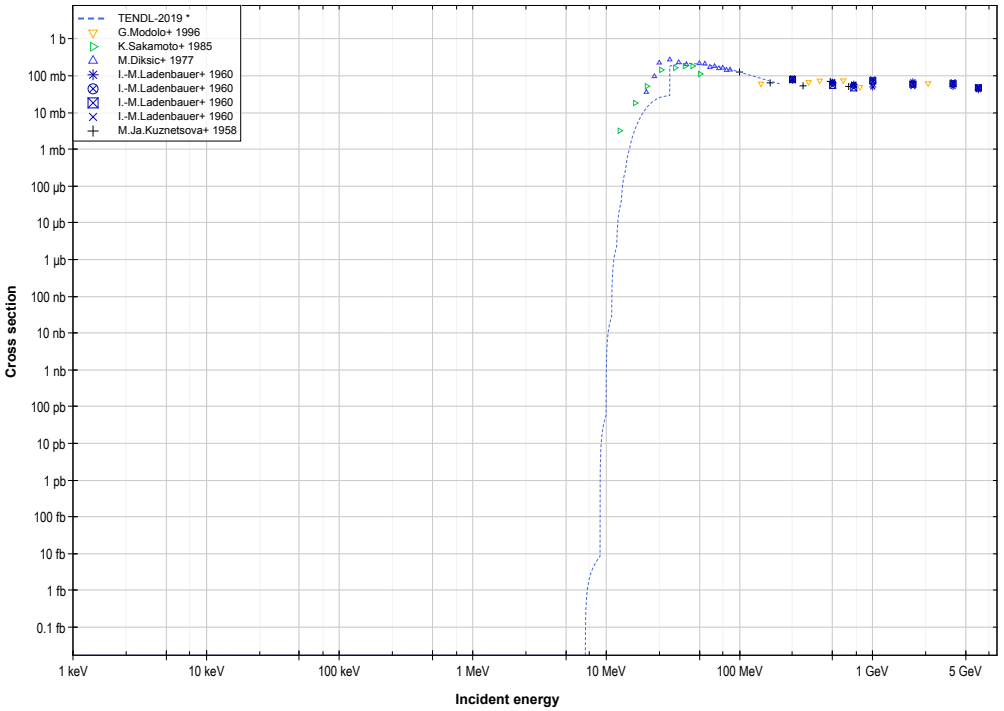
I127 (p,n+p+α) or Sb122 production lin-log



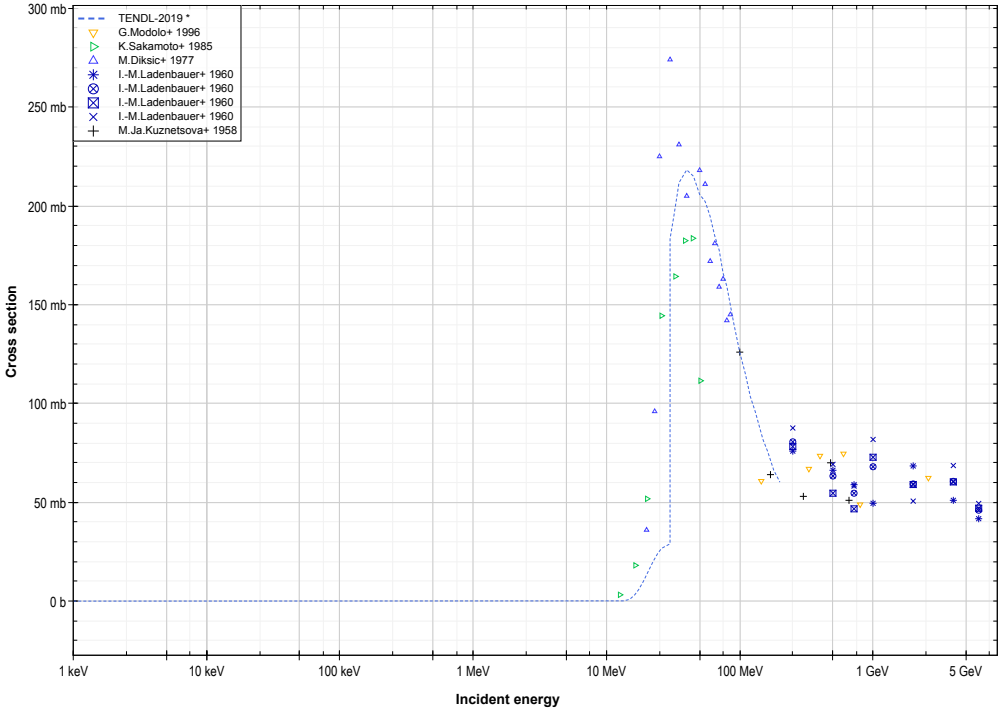
Reaction	Q-Value	Reaction	Q-Value
I127(p,d+α)Sb122	-8920.27 keV	I127(p,n+p+2d)Sb122	-34991.36 keV
I127(p,n+p+α)Sb122	-11144.83 keV	I127(p,2n+2p+d)Sb122	-37215.93 keV
I127(p,t+He3)Sb122	-23240.66 keV	I127(p,3n+3p)Sb122	-39440.49 keV
I127(p,p+d+t)Sb122	-28734.13 keV		
I127(p,n+d+He3)Sb122	-29497.89 keV		
I127(p,n+2p+t)Sb122	-30958.70 keV		
I127(p,2n+p+He3)Sb122	-31722.45 keV		
I127(p,3d)Sb122	-32766.79 keV		

<< 50-Sn-124	**53-I-127**	55-Cs-133 >>
<< MT45 (p,n+p+α)	**MT104 (p,d) or MT5 (I126 production)**	MT105 (p,t) >>

I127 (p,d) or I126 production log-log



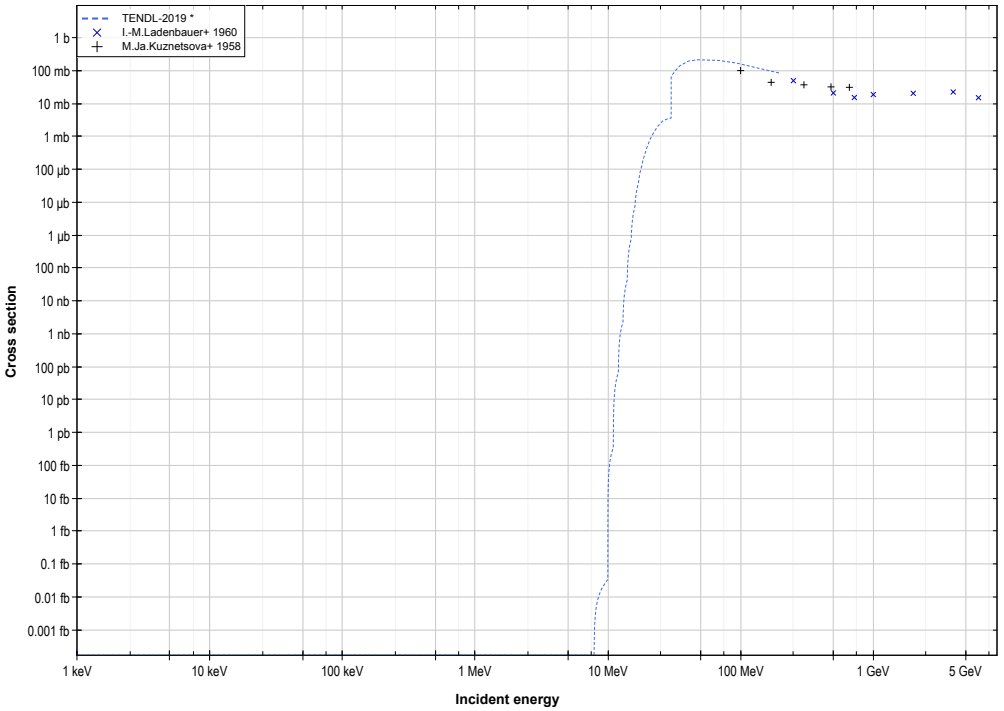
I127 (p,d) or I126 production lin-log



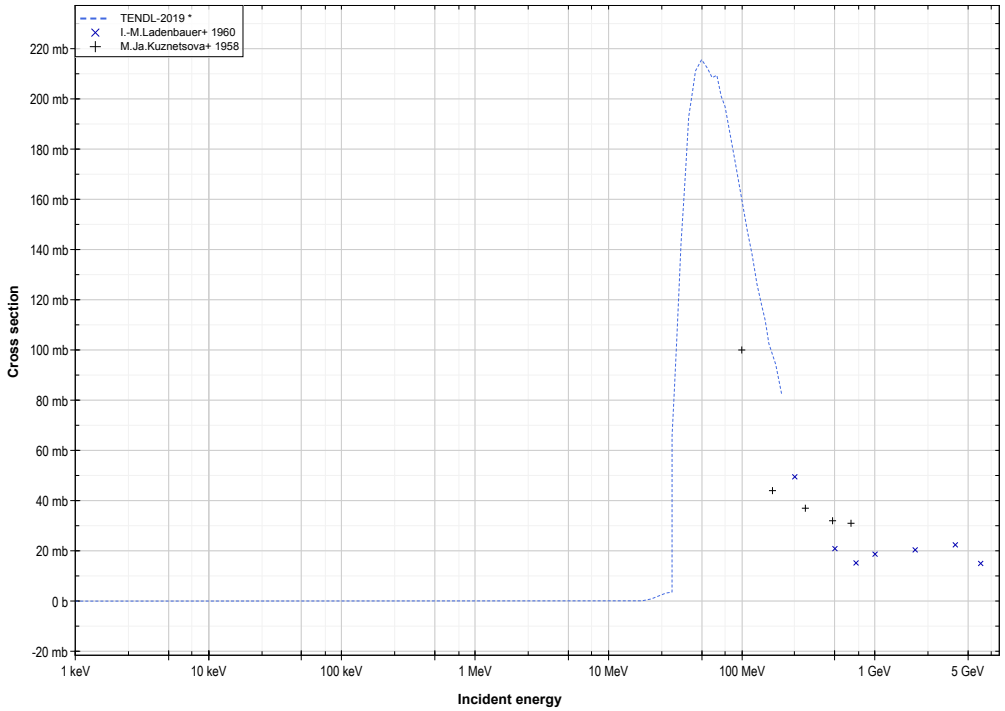
Reaction	Q-Value
I127(p,d)I126	-6919.75 keV
I127(p,n+p)I126	-9144.32 keV

<< 50-Sn-112	**53-I-127**	55-Cs-133 >>
<< MT104 (p,d)	**MT105 (p,t) or MT5 (I125 production)**	MT117 (p,d+α) >>

I127 (p,t) or I125 production log-log



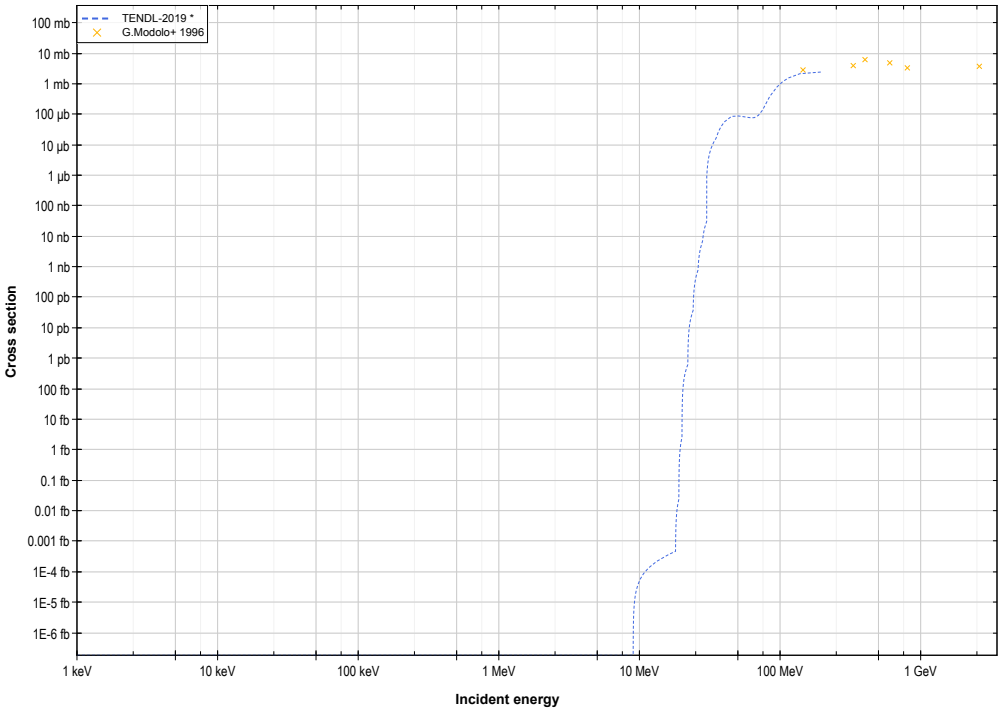
I127 (p,t) or I125 production lin-log



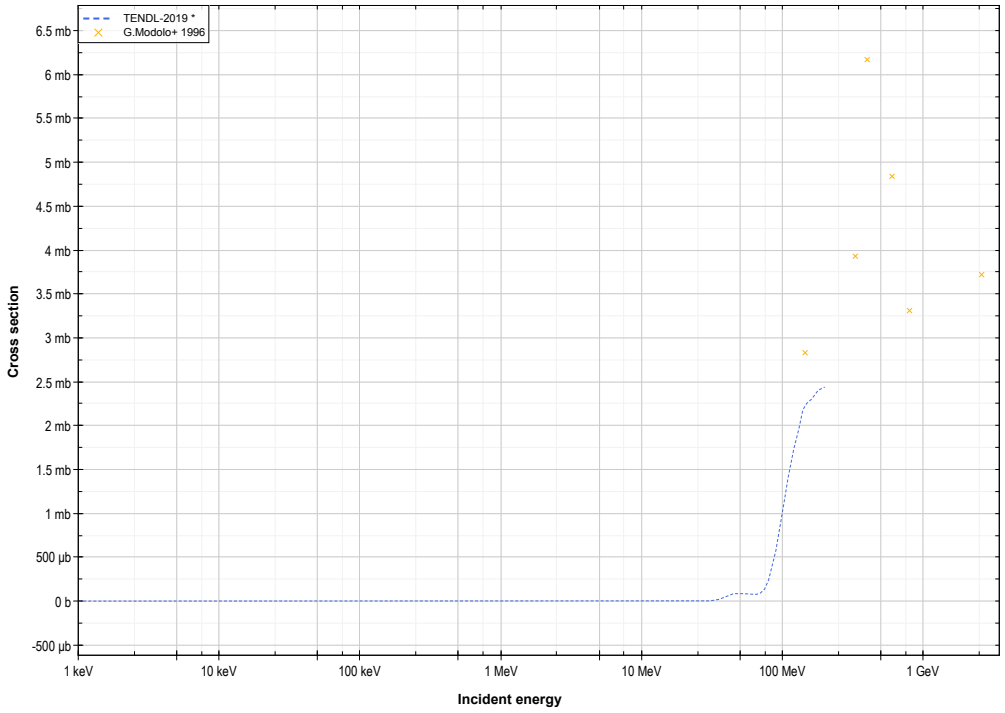
Reaction	Q-Value
I127(p,t)I125	-7807.64 keV
I127(p,n+d)I125	-14064.87 keV
I127(p,2n+p)I125	-16289.43 keV

<< 41-Nb-93	**53-I-127**	55-Cs-133 >>
<< MT105 (p,t)	**MT117 (p,d+α) or MT5 (Sb122 production)**	MT152 (p,5n) >>

I127 (p,d+α) or Sb122 production log-log



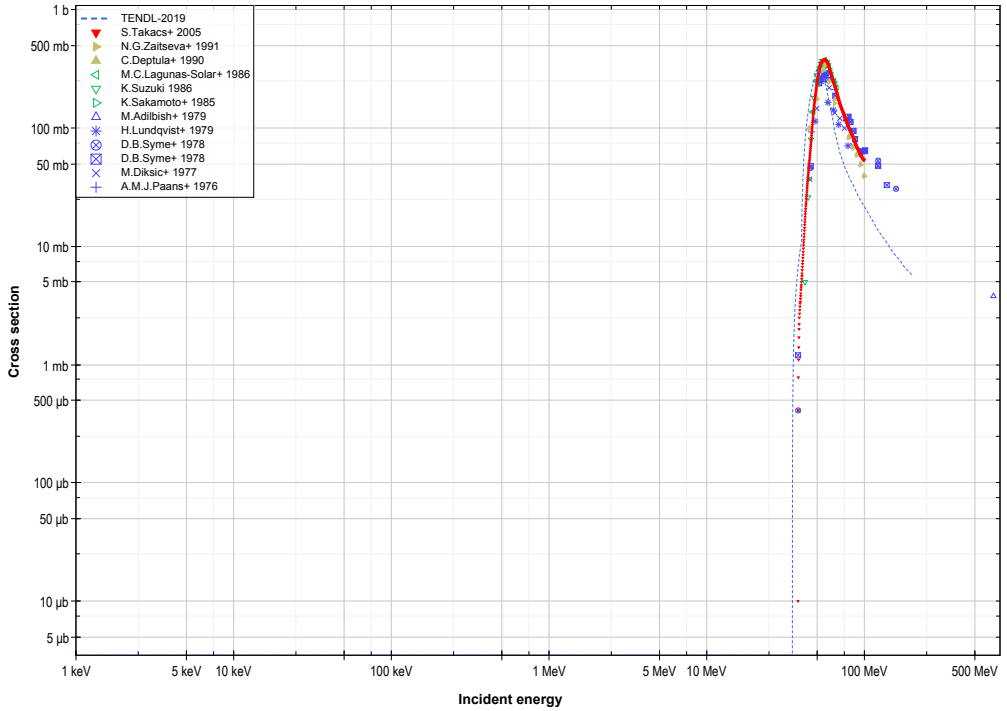
I127 (p,d+α) or Sb122 production lin-log



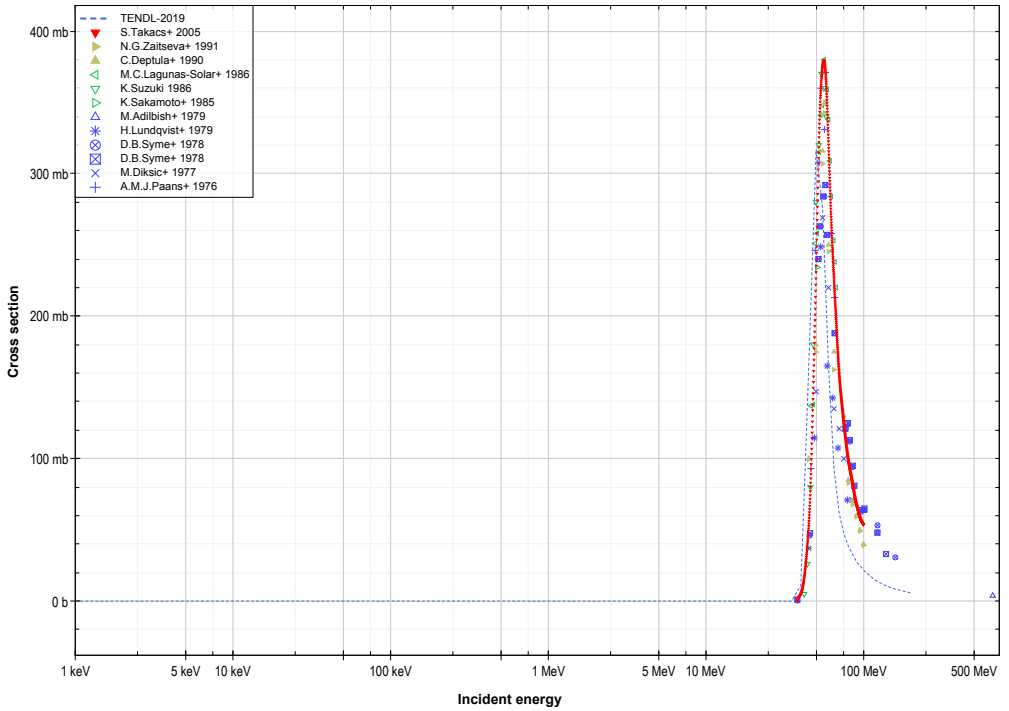
Reaction	Q-Value	Reaction	Q-Value
I127(p,d+α)Sb122	-8920.27 keV	I127(p,n+p+2d)Sb122	-34991.36 keV
I127(p,n+p+α)Sb122	-11144.83 keV	I127(p,2n+2p+d)Sb122	-37215.93 keV
I127(p,t+He3)Sb122	-23240.66 keV	I127(p,3n+3p)Sb122	-39440.49 keV
I127(p,p+d+t)Sb122	-28734.13 keV		
I127(p,n+d+He3)Sb122	-29497.89 keV		
I127(p,n+2p+t)Sb122	-30958.70 keV		
I127(p,2n+p+He3)Sb122	-31722.45 keV		
I127(p,3d)Sb122	-32766.79 keV		

<< 52-Te-125	**53-I-127**	55-Cs-133 >>
<< MT117 (p,d+α)	**MT152 (p,5n) or MT5 (Xe123 production)**	MT153 (p,6n) >>

I127 (p,5n) or Xe123 production log-log



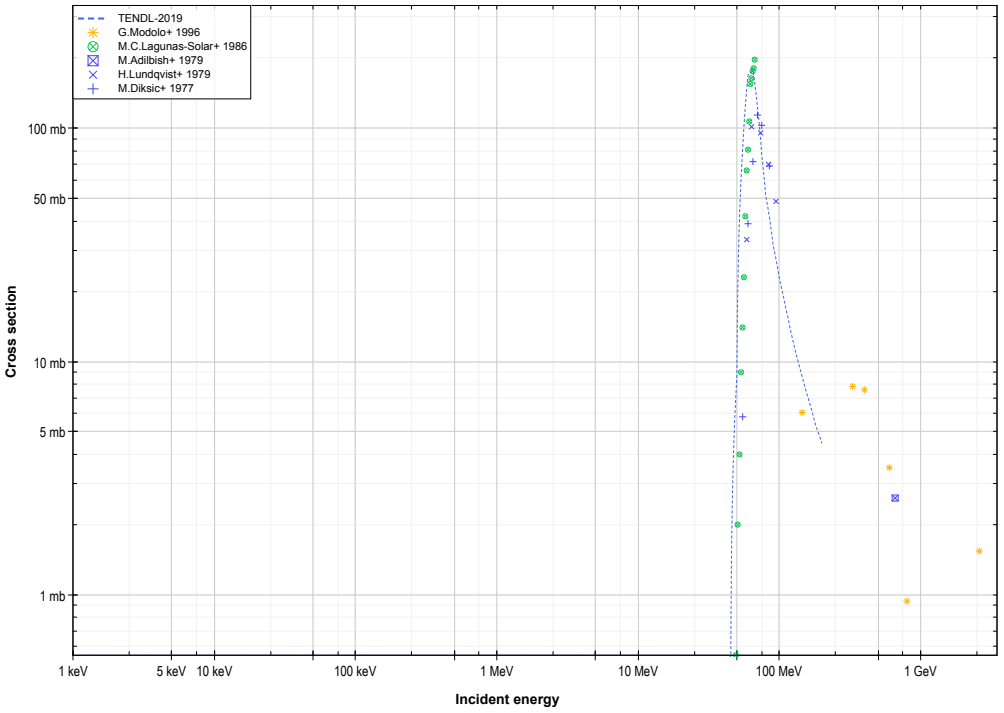
I127 (p,5n) or Xe123 production lin-log



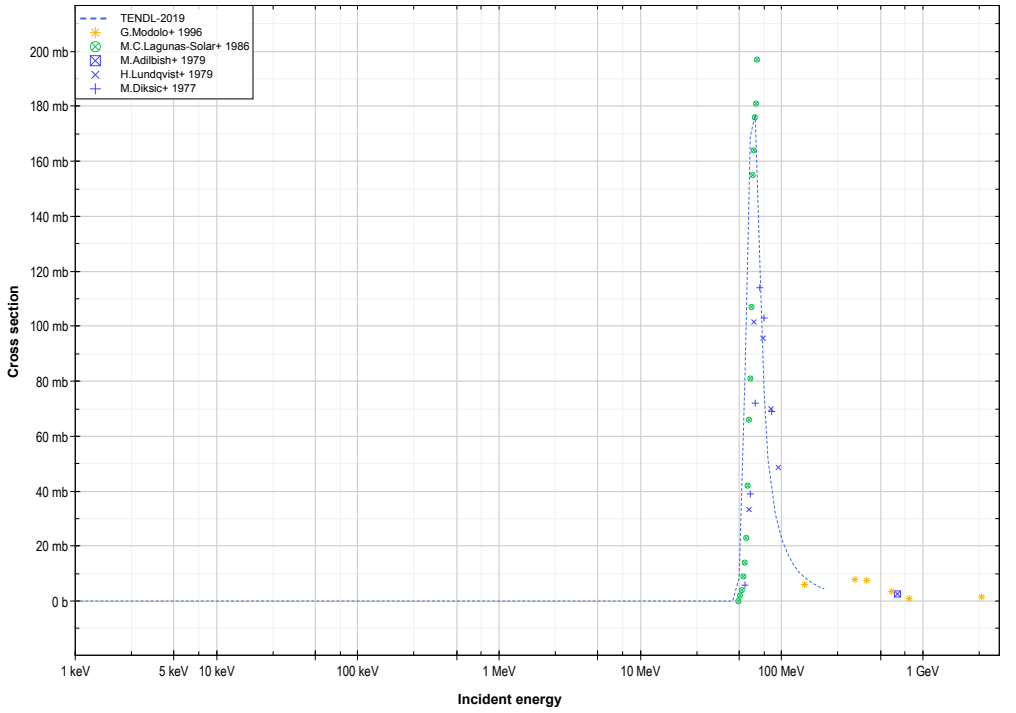
Reaction	Q-Value
I127(p,5n)Xe123	-36802.61 keV

<< 52-Te-125	**53-I-127**	55-Cs-133 >>
<< MT152 (p,5n)	**MT153 (p,6n) or MT5 (Xe122 production)**	MT154 (p,2n+t) >>

I127 (p,6n) or Xe122 production log-log



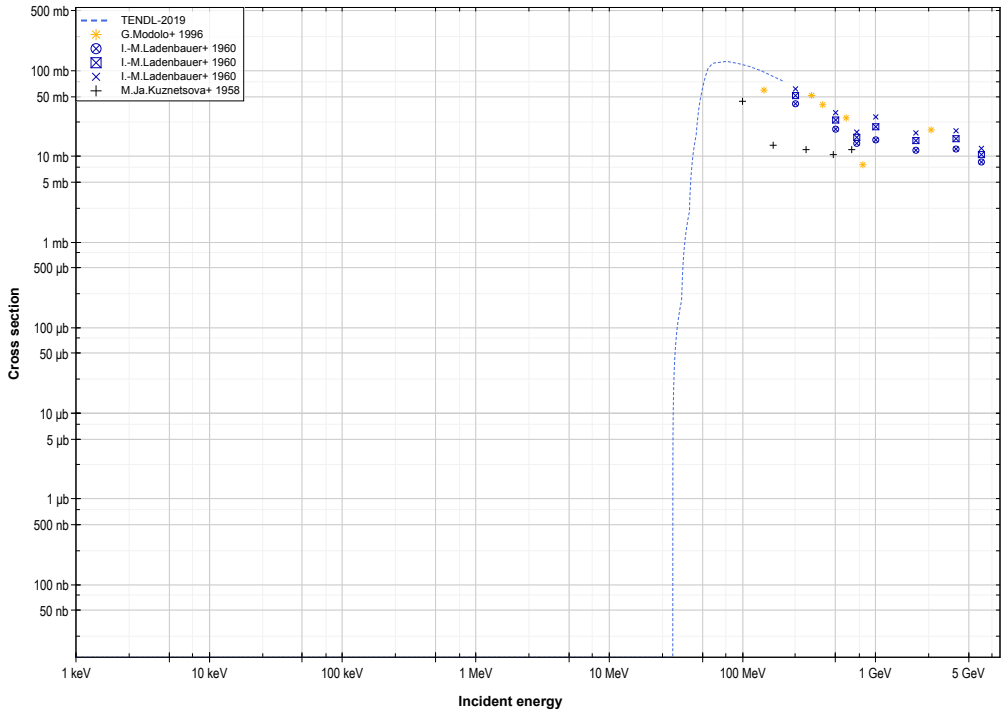
I127 (p,6n) or Xe122 production lin-log



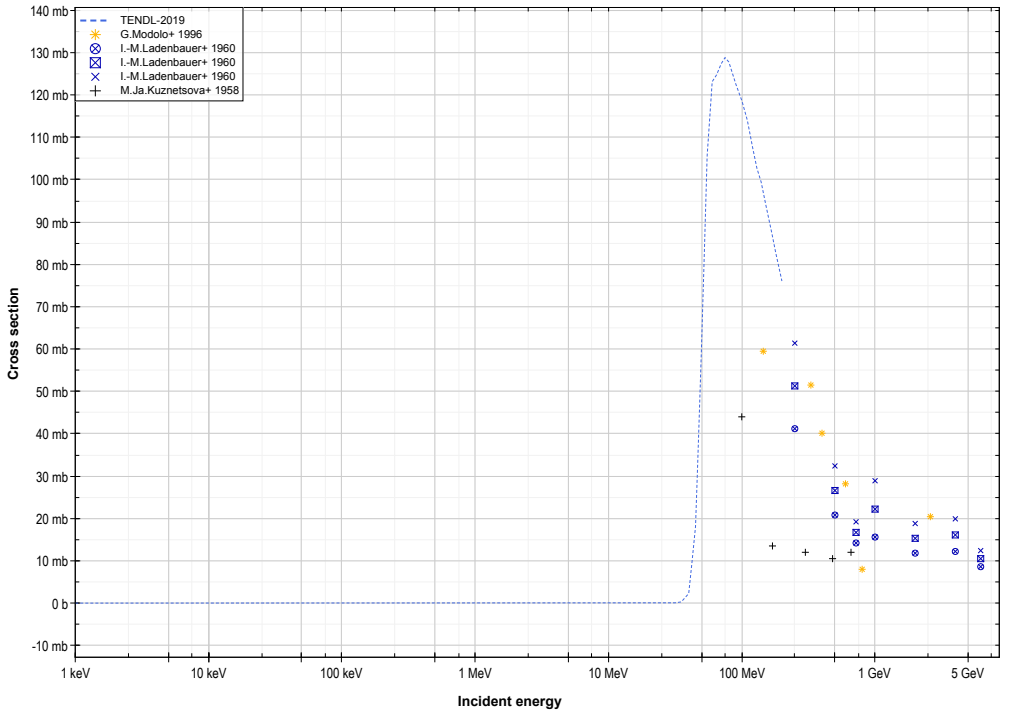
Reaction	Q-Value
I127(p,6n)Xe122	-44767.93 keV

<< 52-Te-123	**53-I-127**	55-Cs-133 >>
<< MT153 (p,6n)	**MT154 (p,2n+t) or MT5 (I123 production)**	MT156 (p,4n+p) >>

I127 (p,2n+t) or I123 production log-log



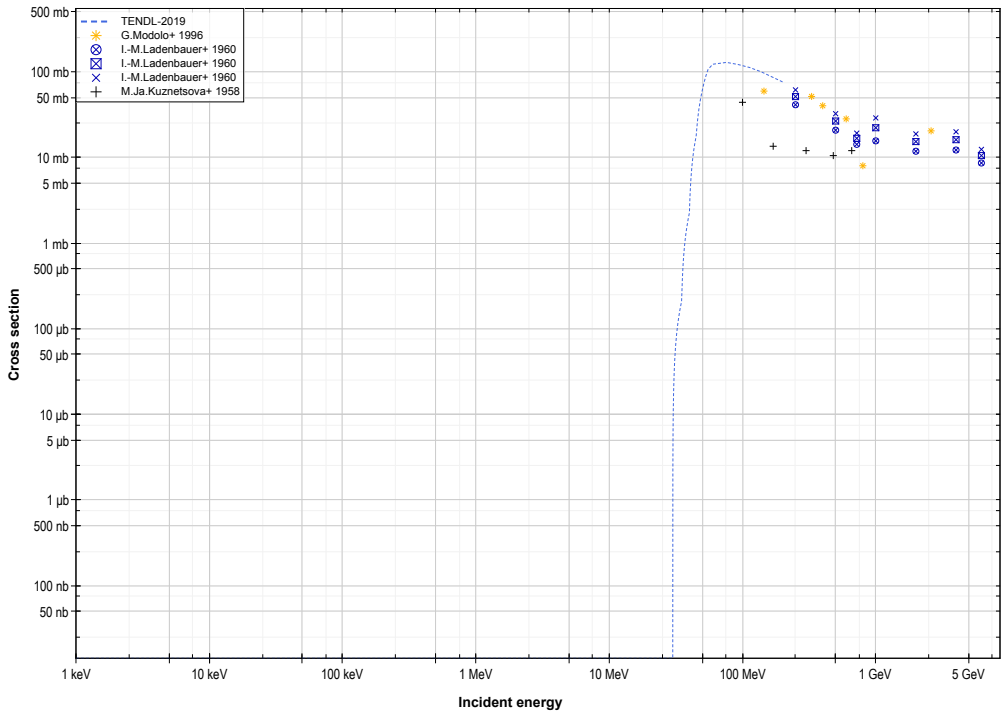
I127 (p,2n+t) or I123 production lin-log



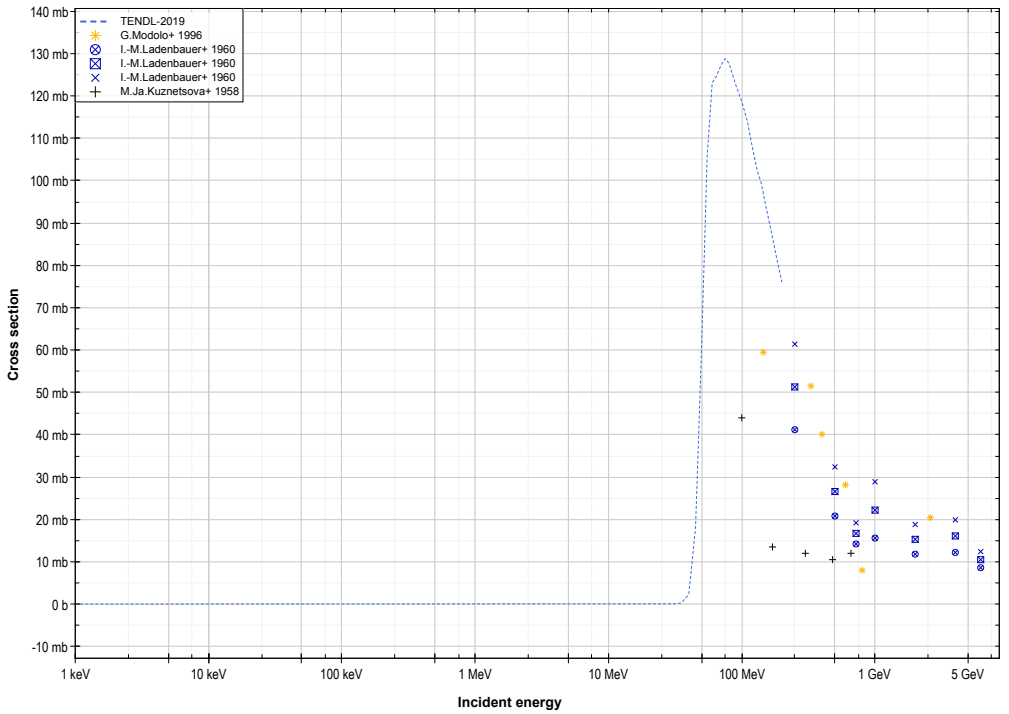
Reaction	Q-Value
I127(p,2n+t)I123	-24843.47 keV
I127(p,3n+d)I123	-31100.70 keV
I127(p,4n+p)I123	-33325.27 keV

<< 52-Te-123	**53-I-127**	55-Cs-133 >>
<< MT154 (p,2n+t)	**MT156 (p,4n+p) or MT5 (I123 production)**	MT157 (p,3n+d) >>

I127 (p,4n+p) or I123 production log-log



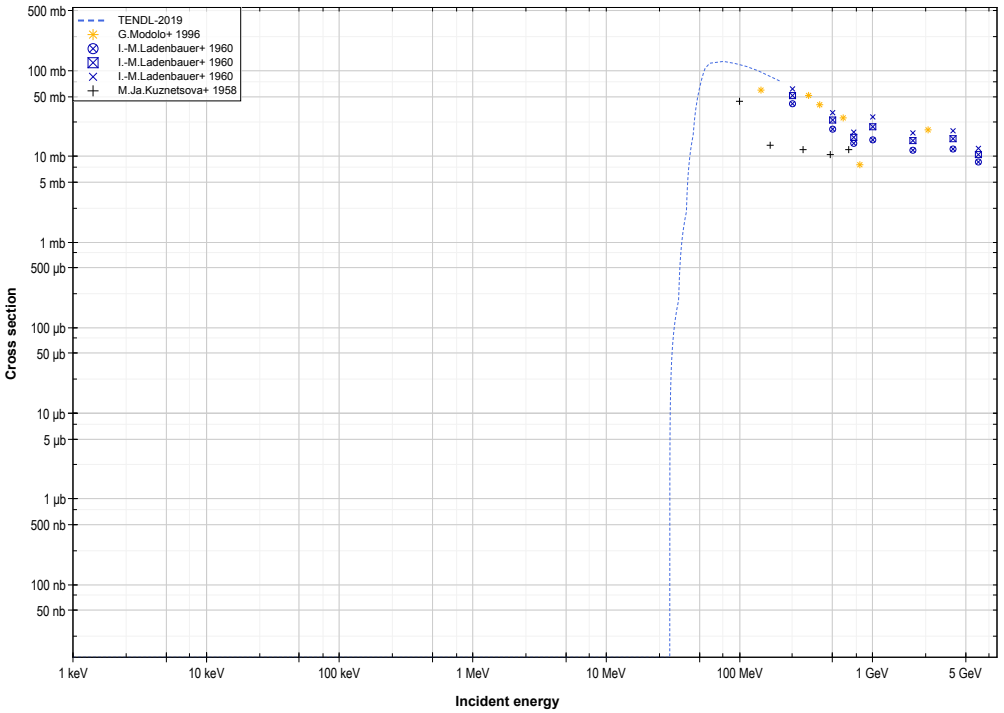
I127 (p,4n+p) or I123 production lin-log



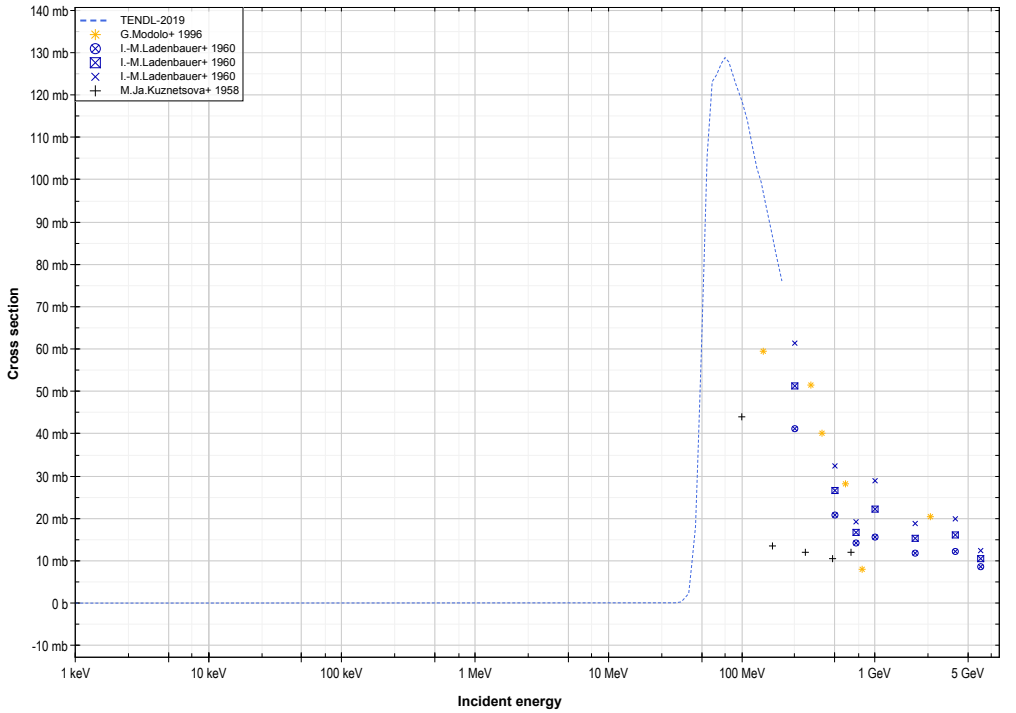
Reaction	Q-Value
I127(p,2n+t)I123	-24843.47 keV
I127(p,3n+d)I123	-31100.70 keV
I127(p,4n+p)I123	-33325.27 keV

<< 52-Te-123	**53-I-127**	55-Cs-133 >>
<< MT156 (p,4n+p)	**MT157 (p,3n+d) or MT5 (I123 production)**	MT160 (p,7n) >>

I127 (p,3n+d) or I123 production log-log



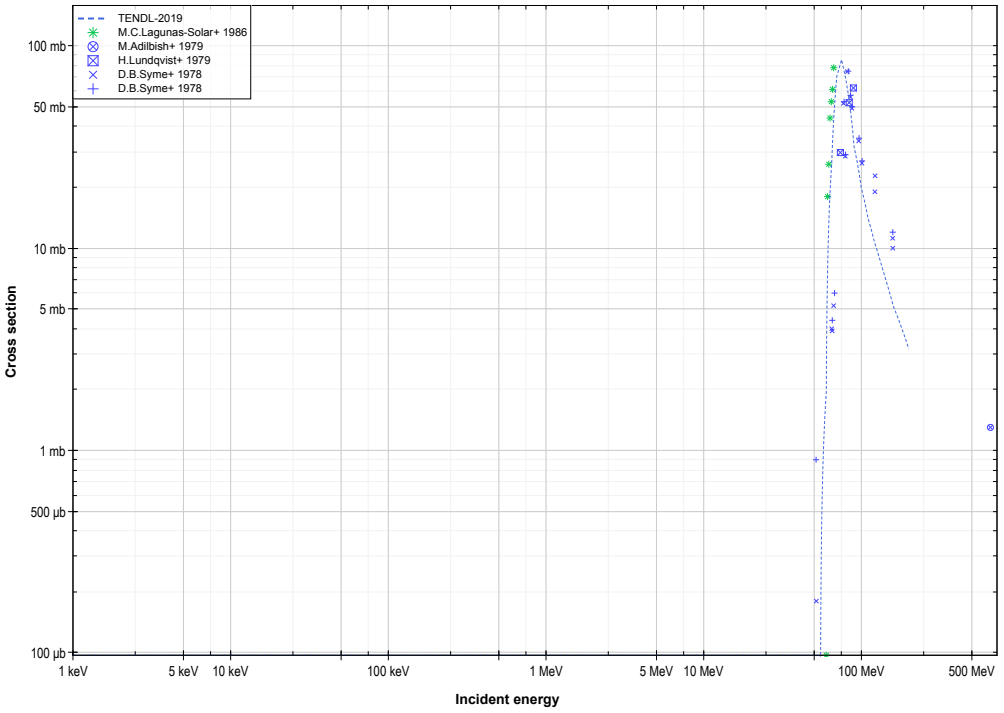
I127 (p,3n+d) or I123 production lin-log



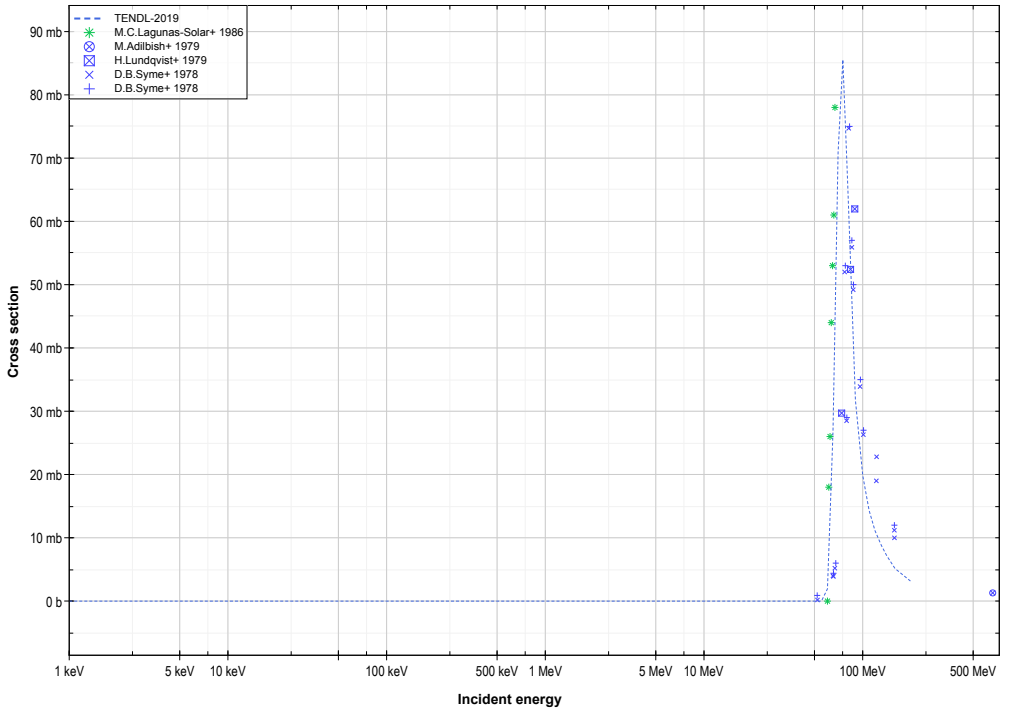
Reaction	Q-Value
I127(p,2n+t)I123	-24843.47 keV
I127(p,3n+d)I123	-31100.70 keV
I127(p,4n+p)I123	-33325.27 keV

<< 52-Te-125	**53-I-127**	57-La-139 >>
<< MT157 (p,3n+d)	**MT160 (p,7n) or MT5 (Xe121 production)**	MT163 (p,6n+p) >>

I127 (p,7n) or Xe121 production log-log



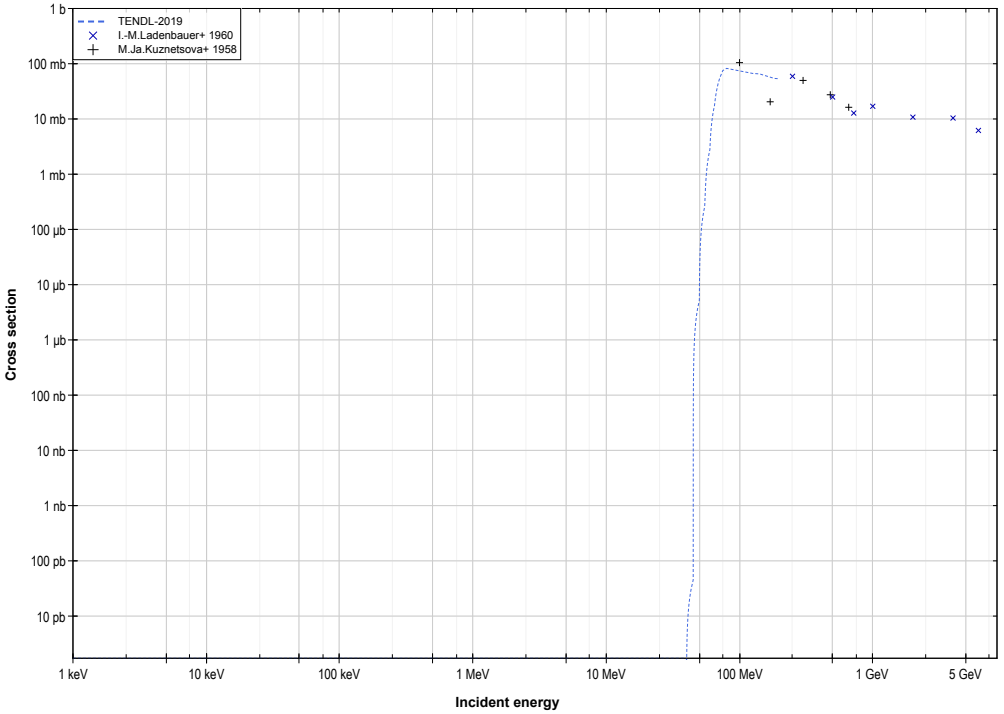
I127 (p,7n) or Xe121 production lin-log



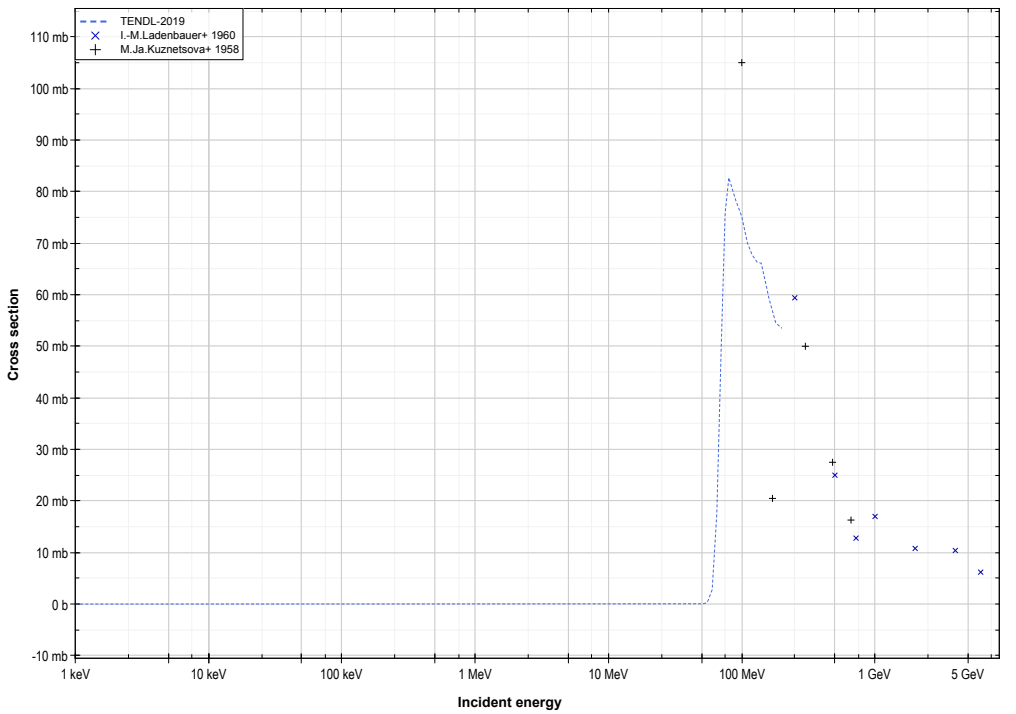
Reaction	Q-Value
I127(p,7n)Xe121	-55713.25 keV

	53-I-127	90-Th-232 >>
<< MT160 (p,7n)	**MT163 (p,6n+p) or MT5 (I121 production)**	MT164 (p,7n+p) >>

I127 (p,6n+p) or I121 production log-log



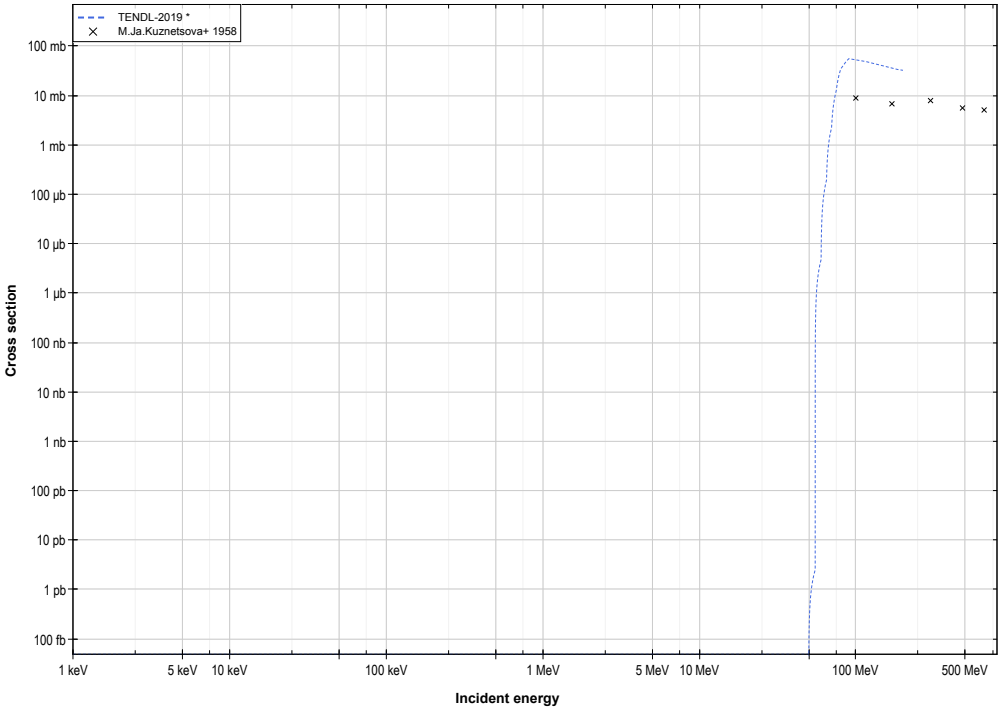
I127 (p,6n+p) or I121 production lin-log



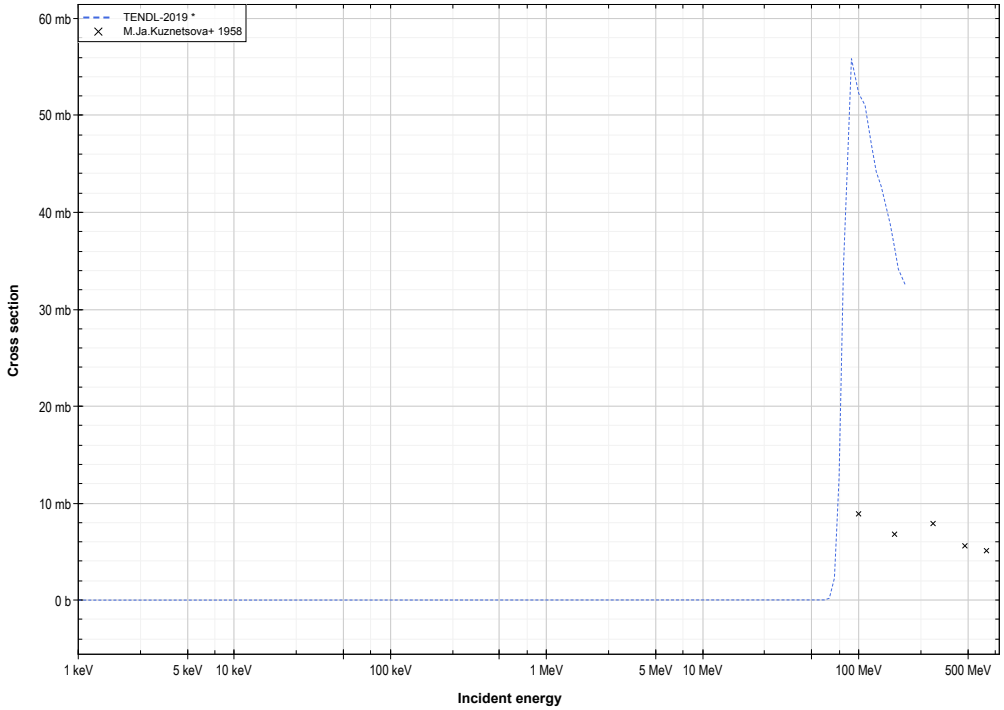
Reaction	Q-Value
I127(p,4n+t)I121	-42679.11 keV
I127(p,5n+d)I121	-48936.34 keV
I127(p,6n+p)I121	-51160.90 keV

<< 39-Y-89	**53-I-127**	90-Th-232 >>
<< MT163 (p,6n+p)	**MT164 (p,7n+p) or MT5 (I120 production)**	MT166 (p,5n+α) >>

I127 (p,7n+p) or I120 production log-log



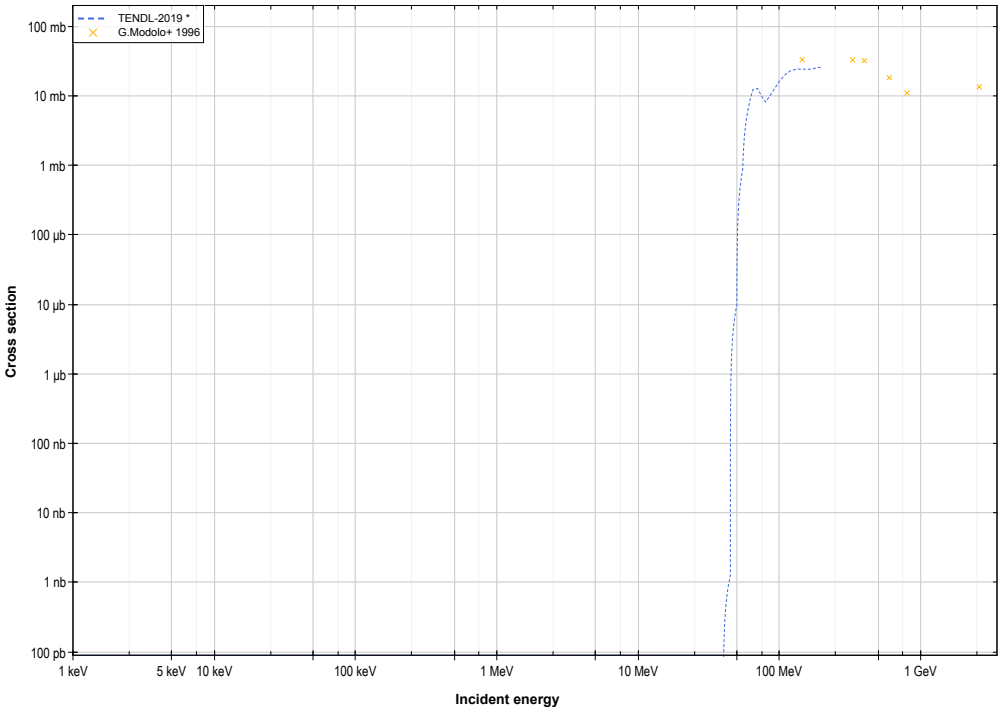
I127 (p,7n+p) or I120 production lin-log



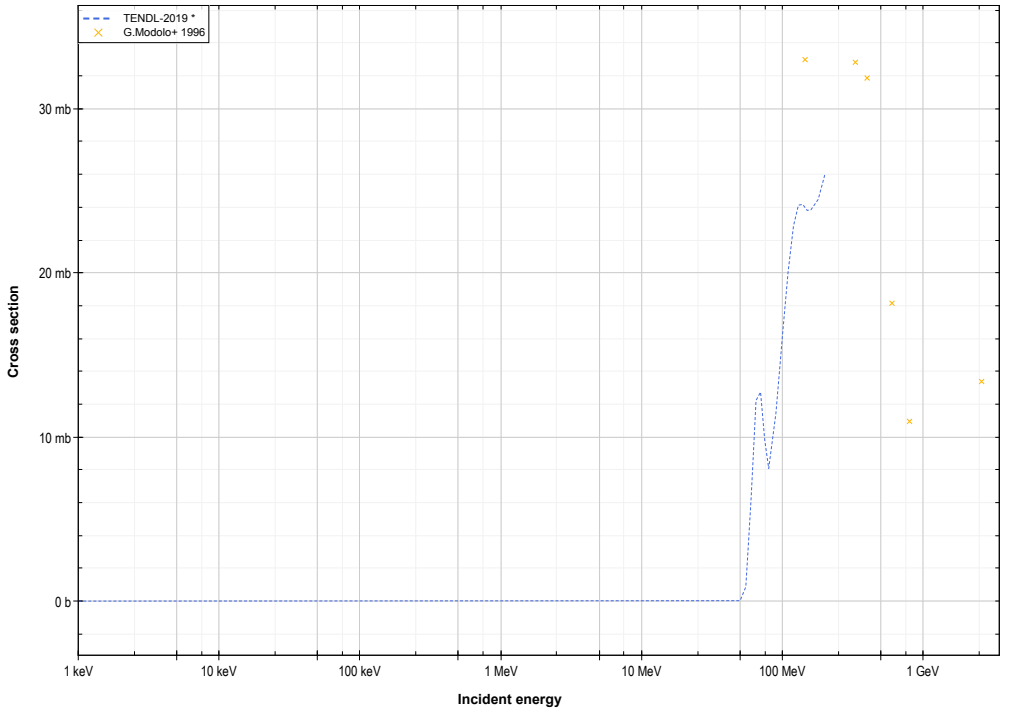
Reaction	Q-Value
I127(p,5n+t)I120	-53248.42 keV
I127(p,6n+d)I120	-59505.65 keV
I127(p,7n+p)I120	-61730.22 keV

<< 50-Sn-118	**53-I-127**	90-Th-232 >>
<< MT164 (p,7n+p)	**MT166 (p,5n+α) or MT5 (Te119 production)**	MT167 (p,6n+α) >>

I127 (p,5n+α) or Te119 production log-log



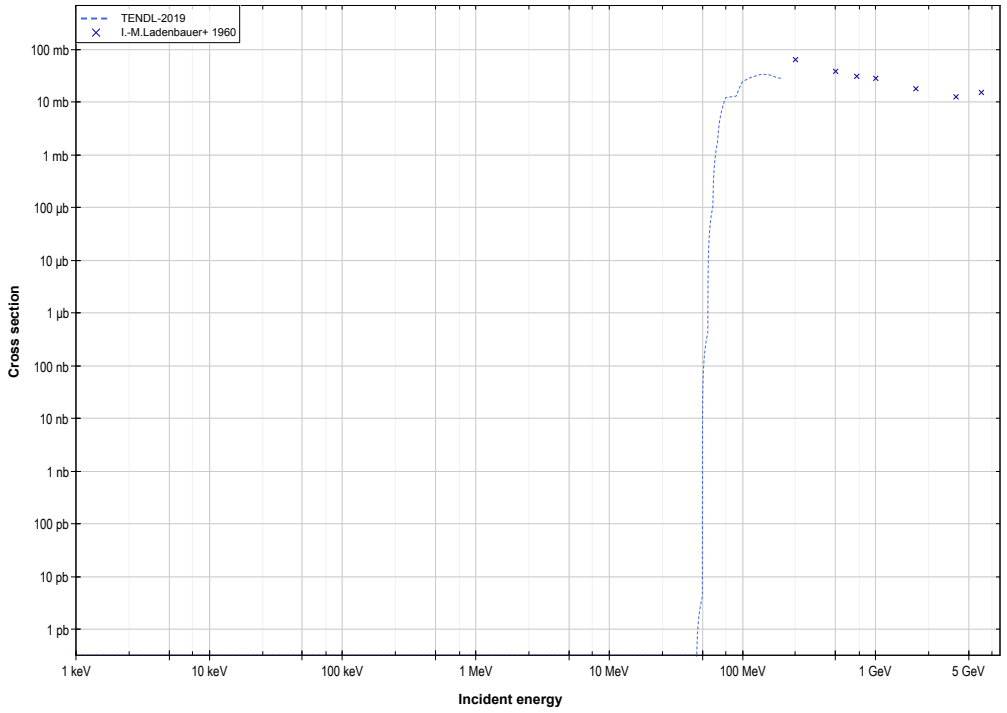
I127 (p,5n+α) or Te119 production lin-log



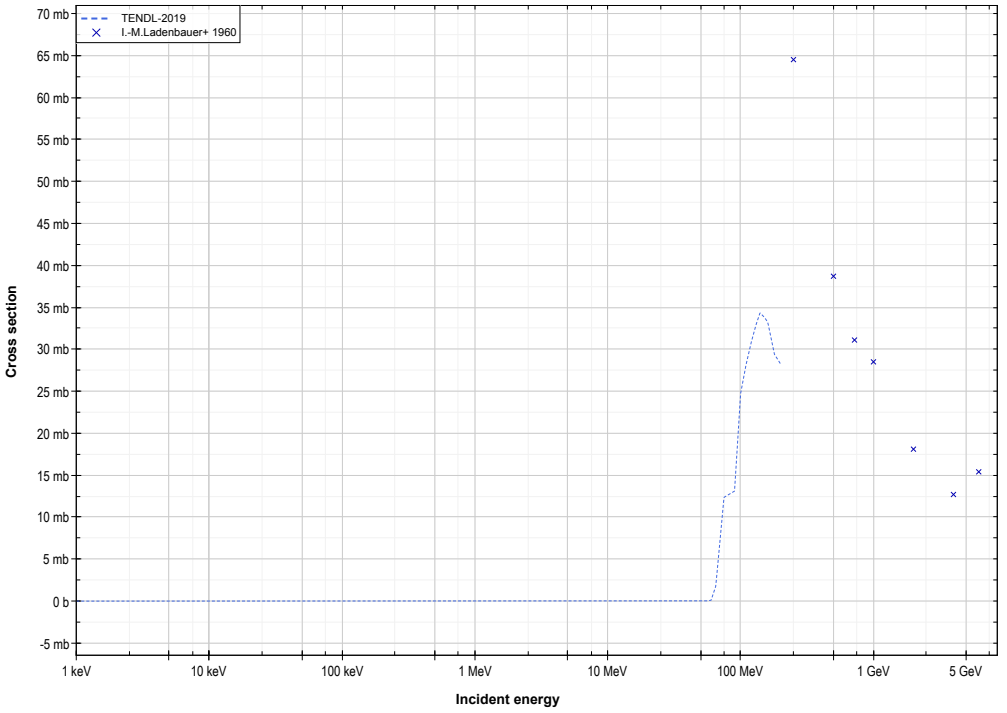
Reaction	Q-Value
I127(p,5n+α)Te119	-37295.53 keV
I127(p,3n+2t)Te119	-48627.60 keV
I127(p,4n+d+t)Te119	-54884.83 keV
I127(p,5n+p+t)Te119	-57109.40 keV
I127(p,6n+He3)Te119	-57873.15 keV
I127(p,5n+2d)Te119	-61142.06 keV
I127(p,6n+p+d)Te119	-63366.62 keV
I127(p,7n+2p)Te119	-65591.19 keV

	53-I-127	
<< MT166 (p,5n+α)	**MT167 (p,6n+α) or MT5 (Te118 production)**	MT170 (p,5n+d) >>

I127 (p,6n+α) or Te118 production log-log



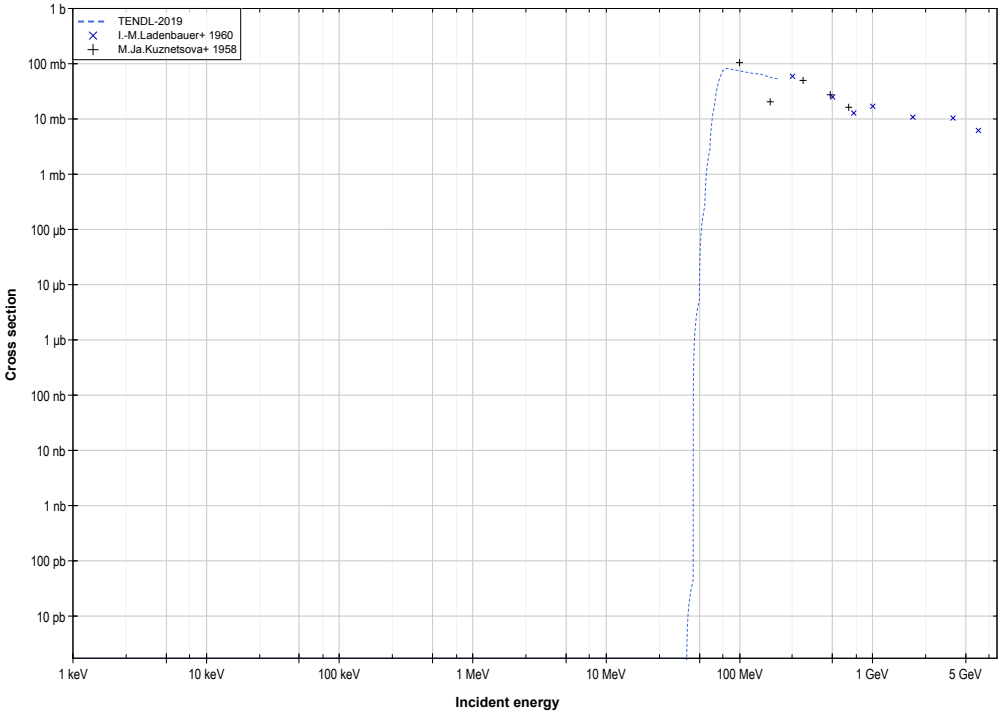
I127 (p,6n+α) or Te118 production lin-log



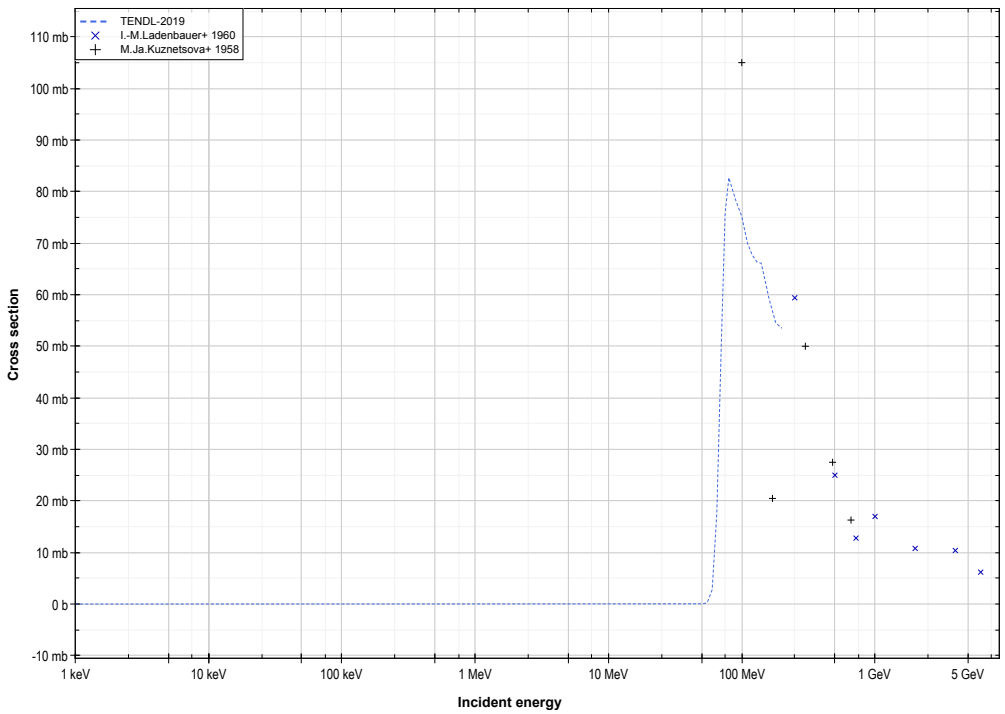
Reaction	Q-Value
I127(p,6n+α)Te118	-44850.85 keV
I127(p,4n+2t)Te118	-56182.92 keV
I127(p,5n+d+t)Te118	-62440.15 keV
I127(p,6n+p+t)Te118	-64664.71 keV
I127(p,7n+He3)Te118	-65428.47 keV
I127(p,6n+2d)Te118	-68697.38 keV
I127(p,7n+p+d)Te118	-70921.94 keV
I127(p,8n+2p)Te118	-73146.51 keV

	53-I-127	90-Th-232 >>
<< MT167 (p,6n+α)	**MT170 (p,5n+d) or MT5 (I121 production)**	MT171 (p,6n+d) >>

I127 (p,5n+d) or I121 production log-log



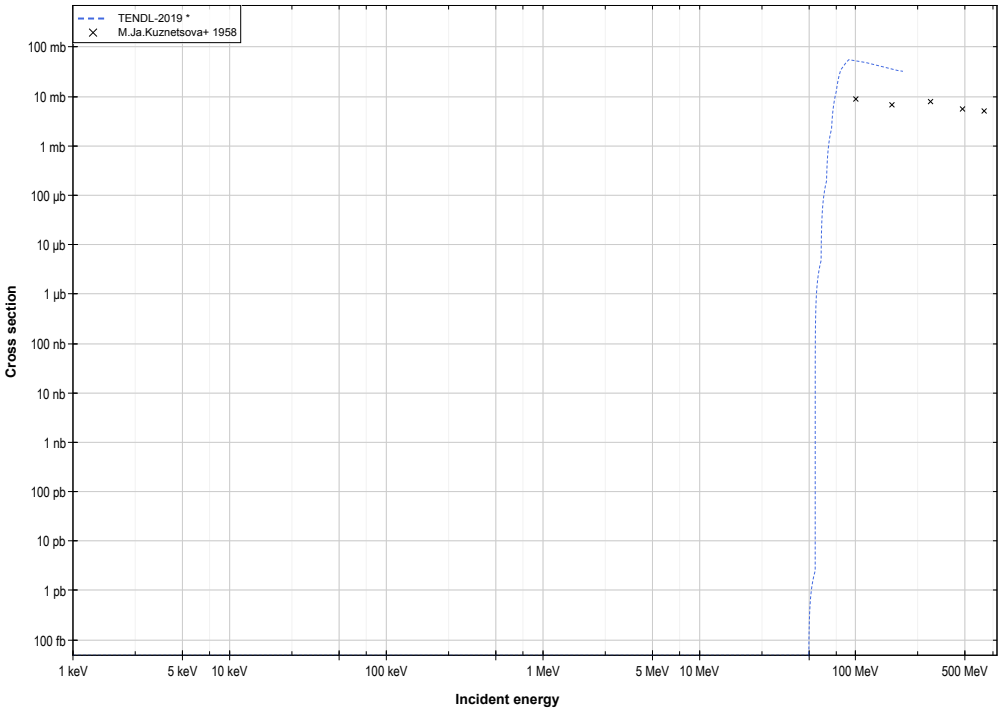
I127 (p,5n+d) or I121 production lin-log



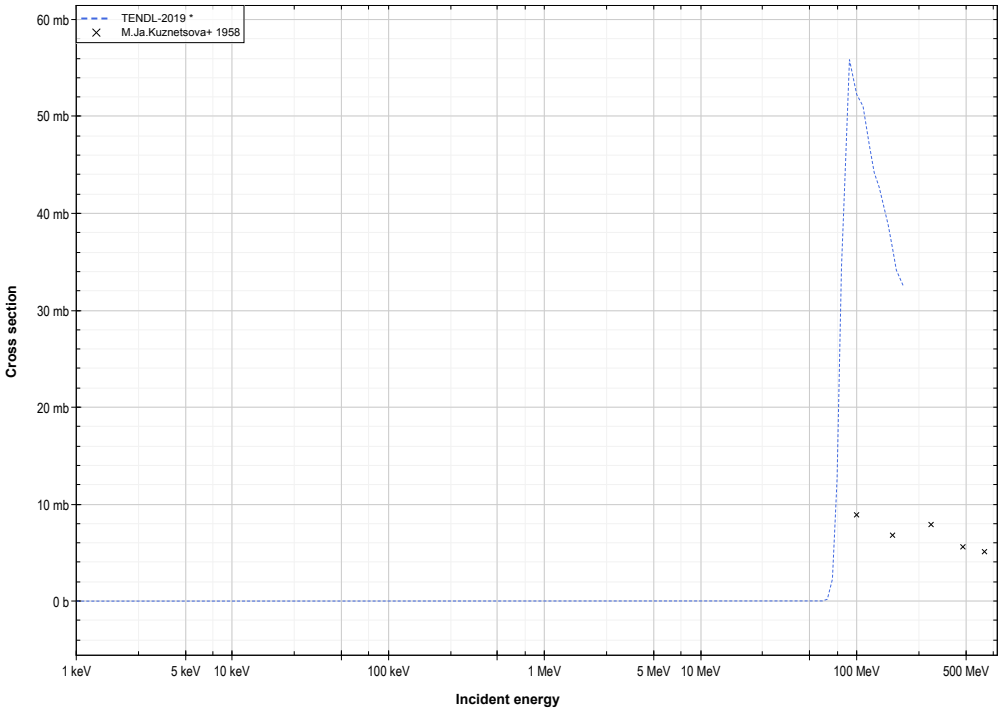
Reaction	Q-Value
I127(p,4n+t)I121	-42679.11 keV
I127(p,5n+d)I121	-48936.34 keV
I127(p,6n+p)I121	-51160.90 keV

<< 39-Y-89	**53-I-127**	90-Th-232 >>
<< MT170 (p,5n+d)	**MT171 (p,6n+d) or MT5 (I120 production)**	MT173 (p,4n+t) >>

I127 (p,6n+d) or I120 production log-log



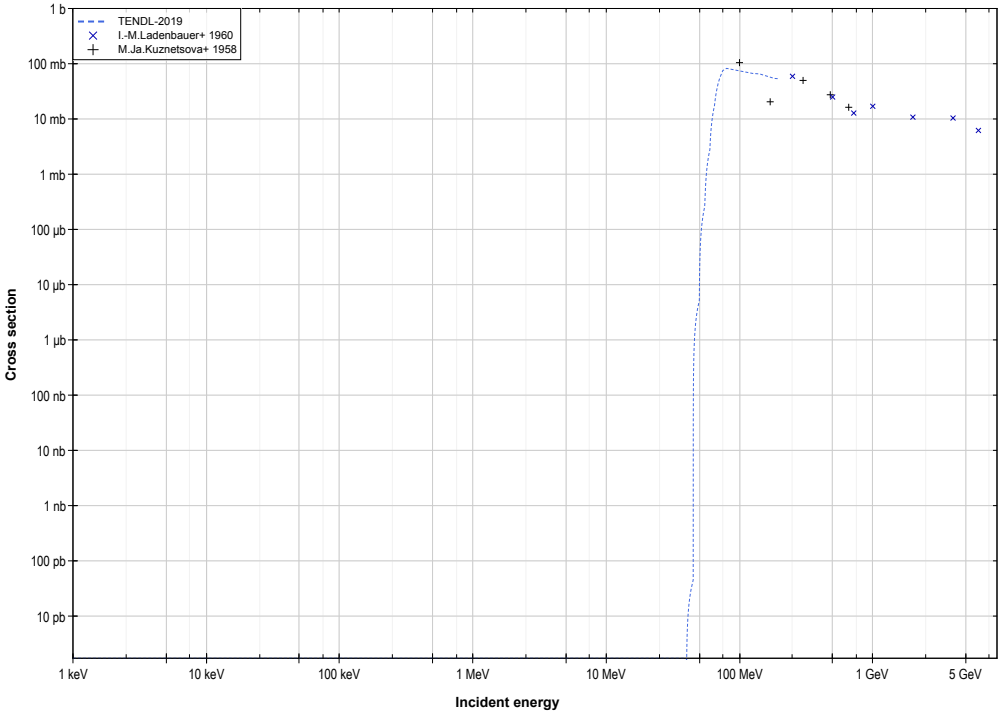
I127 (p,6n+d) or I120 production lin-log



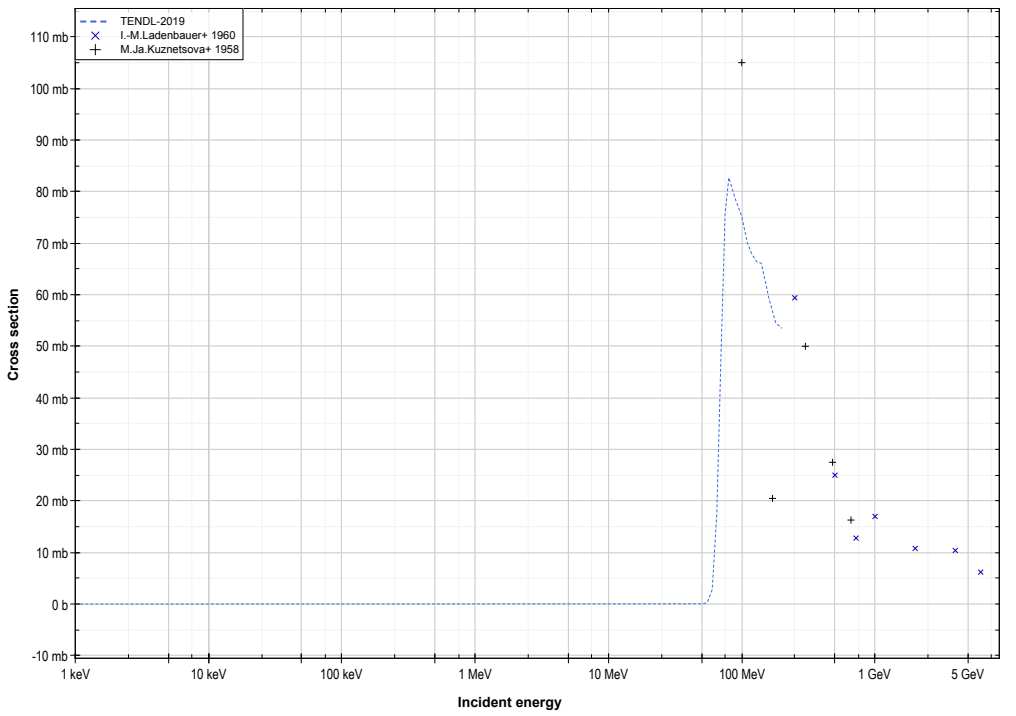
Reaction	Q-Value
I127(p,5n+t)I120	-53248.42 keV
I127(p,6n+d)I120	-59505.65 keV
I127(p,7n+p)I120	-61730.22 keV

	53-I-127	90-Th-232 >>
<< MT171 (p,6n+d)	**MT173 (p,4n+t) or MT5 (I121 production)**	MT174 (p,5n+t) >>

I127 (p,4n+t) or I121 production log-log



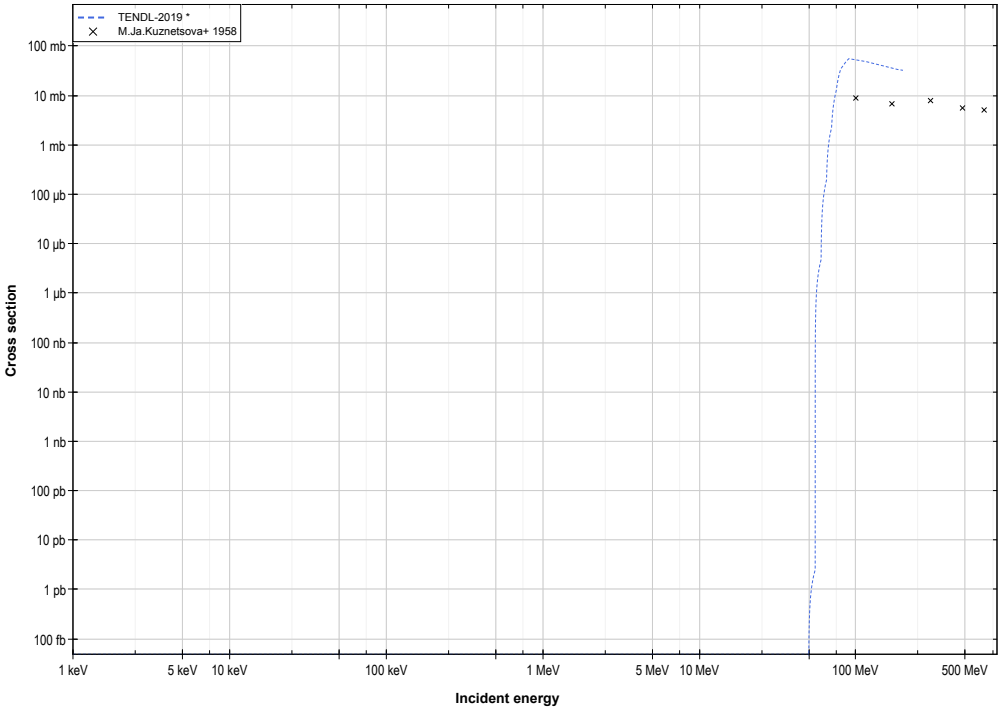
I127 (p,4n+t) or I121 production lin-log



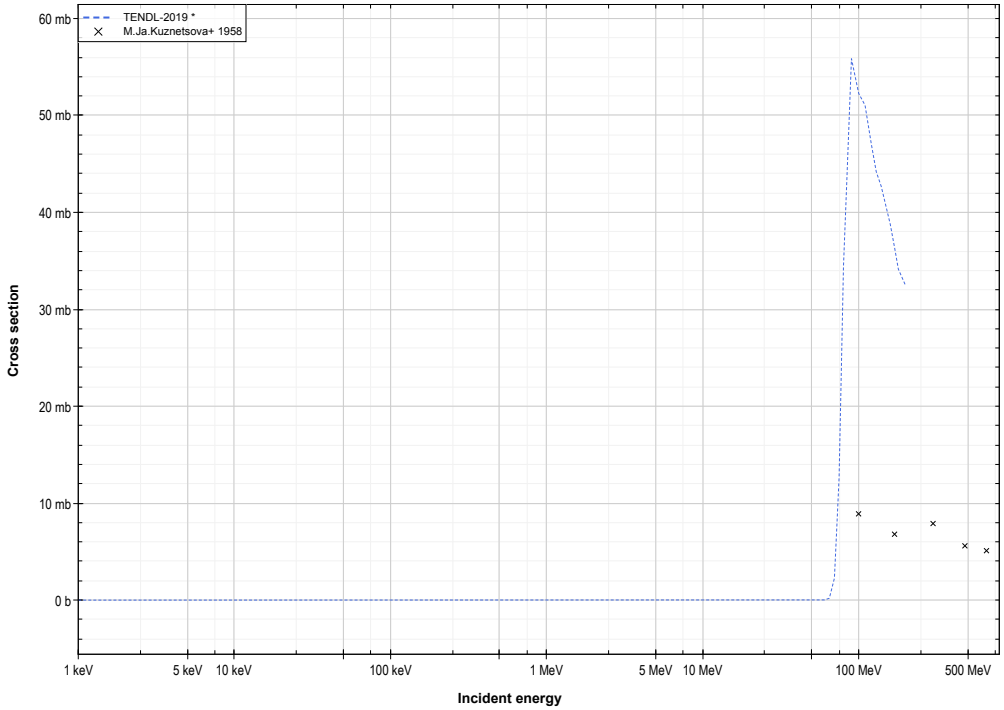
Reaction	Q-Value
I127(p,4n+t)I121	-42679.11 keV
I127(p,5n+d)I121	-48936.34 keV
I127(p,6n+p)I121	-51160.90 keV

<< 39-Y-89	**53-I-127**	90-Th-232 >>
<< MT173 (p,4n+t)	**MT174 (p,5n+t) or MT5 (I120 production)**	MT178 (p,4n+³He) >>

I127 (p,5n+t) or I120 production log-log



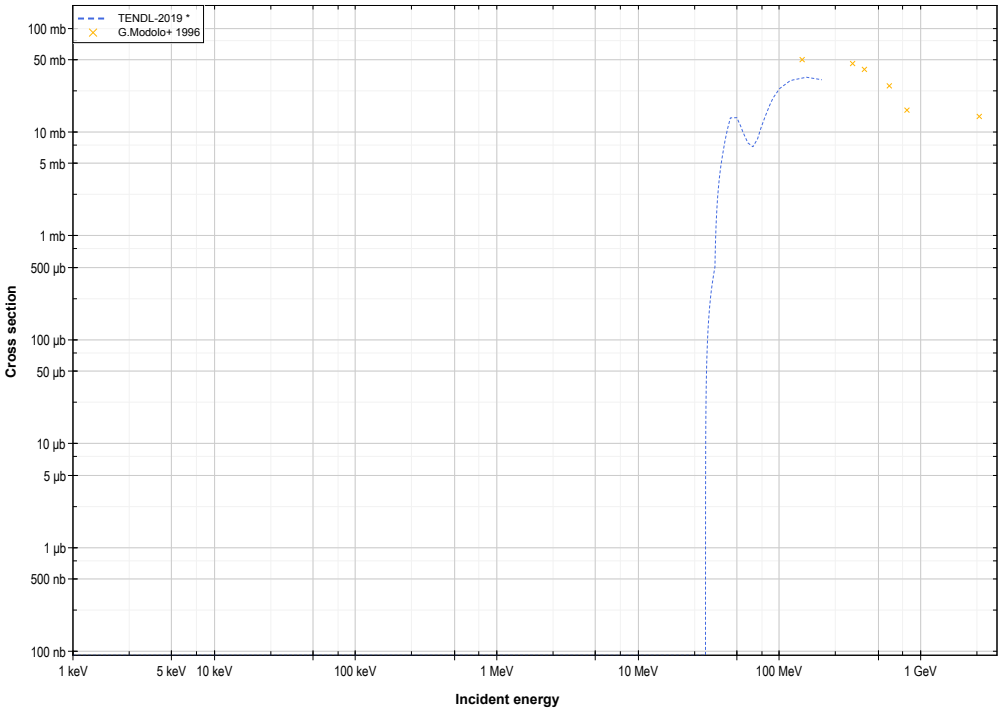
I127 (p,5n+t) or I120 production lin-log



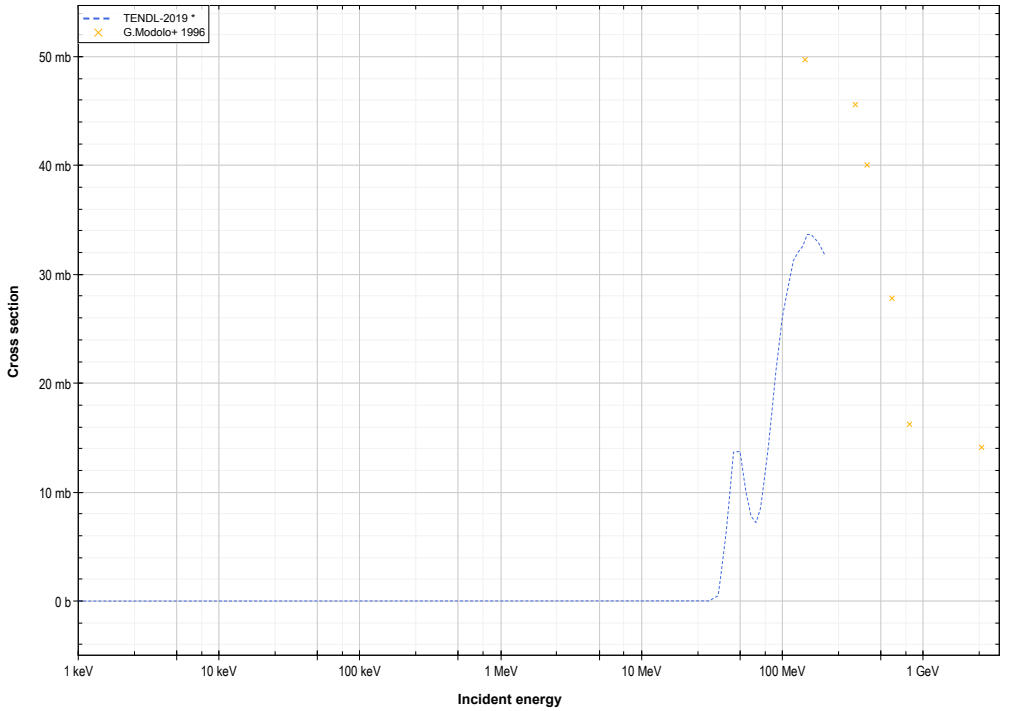
Reaction	Q-Value
I127(p,5n+t)I120	-53248.42 keV
I127(p,6n+d)I120	-59505.65 keV
I127(p,7n+p)I120	-61730.22 keV

<< 52-Te-126	**53-I-127**	76-Os-192 >>
<< MT174 (p,5n+t)	**MT178 (p,4n+^{3}He) or MT5 (Te121 production)**	MT187 (p,n+d+^{3}He) >>

I127 (p,4n+^{3}He) or Te121 production log-log



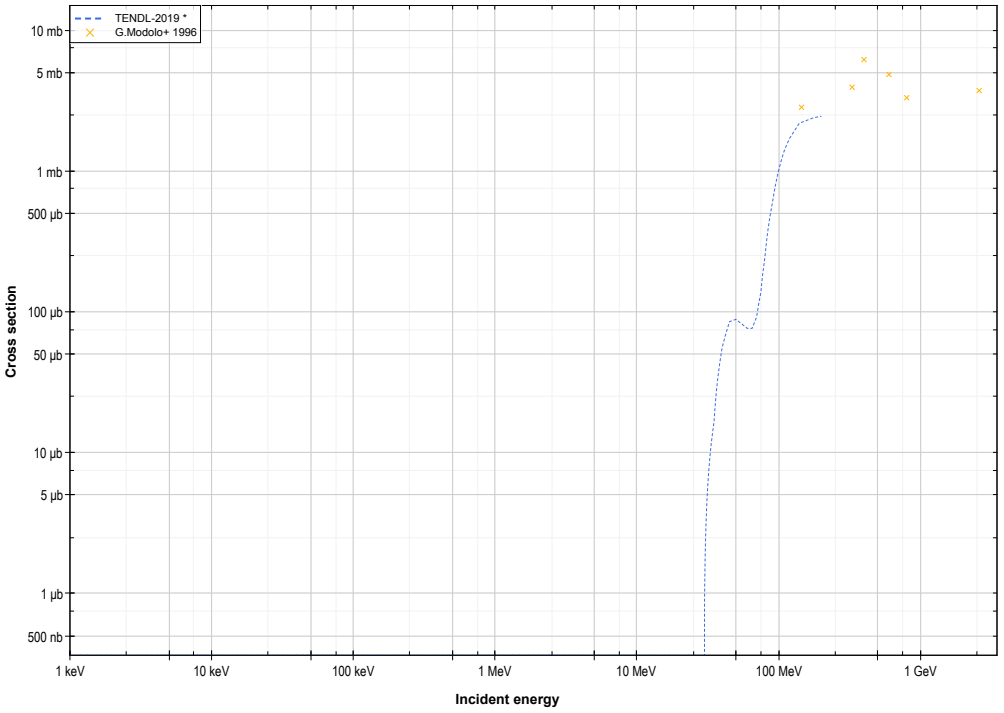
I127 (p,4n+^{3}He) or Te121 production lin-log



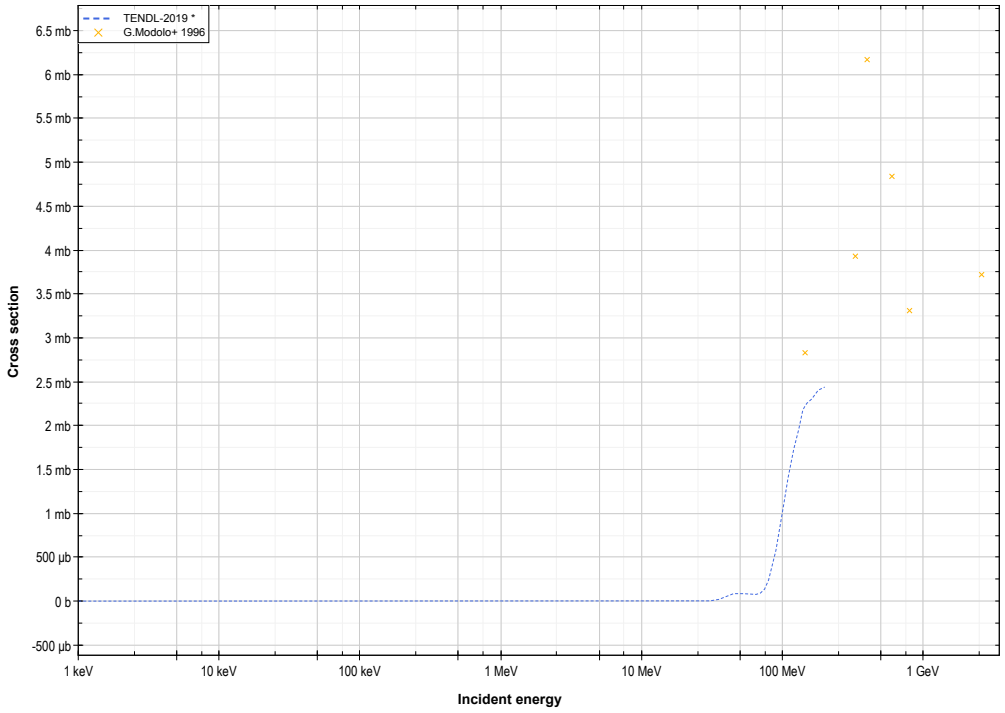
Reaction	Q-Value
I127(p,3n+α)Te121	-19787.90 keV
I127(p,n+2t)Te121	-31119.97 keV
I127(p,2n+d+t)Te121	-37377.20 keV
I127(p,3n+p+t)Te121	-39601.76 keV
I127(p,4n+He3)Te121	-40365.52 keV
I127(p,3n+2d)Te121	-43634.42 keV
I127(p,4n+p+d)Te121	-45858.99 keV
I127(p,5n+2p)Te121	-48083.56 keV

<< 41-Nb-93	**53-I-127**	55-Cs-133 >>
<< MT178 (p,4n+^{3}He)	**MT187 (p,n+d+^{3}He) or MT5 (Sb122 production)**	MT191 (p,p+^{3}He) >>

I127 (p,n+d+^{3}He) or Sb122 production log-log



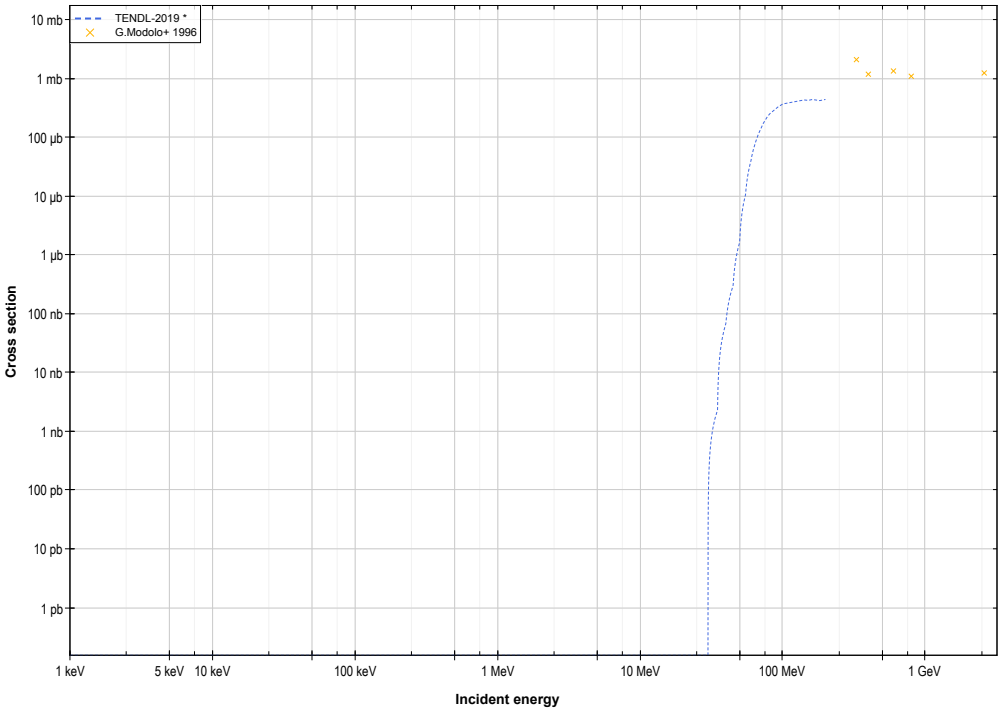
I127 (p,n+d+^{3}He) or Sb122 production lin-log



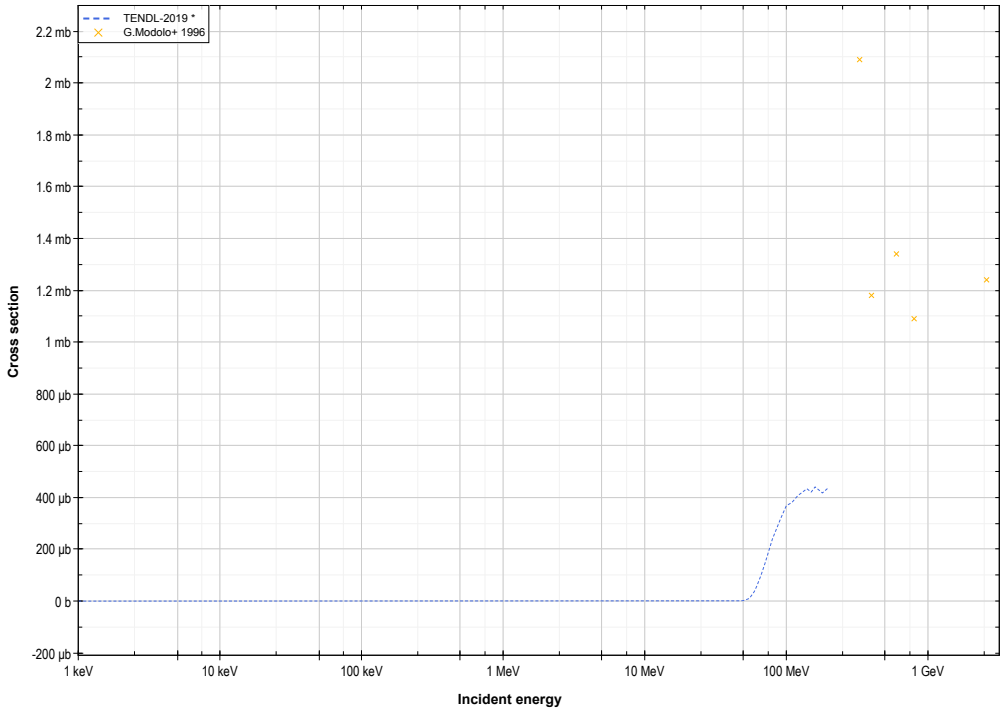
Reaction	Q-Value	Reaction	Q-Value
I127(p,d+α)Sb122	-8920.27 keV	I127(p,n+p+2d)Sb122	-34991.36 keV
I127(p,n+p+α)Sb122	-11144.83 keV	I127(p,2n+2p+d)Sb122	-37215.93 keV
I127(p,t+He3)Sb122	-23240.66 keV	I127(p,3n+3p)Sb122	-39440.49 keV
I127(p,p+d+t)Sb122	-28734.13 keV		
I127(p,n+d+He3)Sb122	-29497.89 keV		
I127(p,n+2p+t)Sb122	-30958.70 keV		
I127(p,2n+p+He3)Sb122	-31722.45 keV		
I127(p,3d)Sb122	-32766.79 keV		

<< 39-Y-89	**53-I-127**	55-Cs-133 >>
<< MT187 (p,n+d+^{3}He)	**MT191 (p,p+^{3}He) or MT5 (Sb124 production)**	MT198 (p,n+3p) >>

I127 (p,p+^{3}He) or Sb124 production log-log



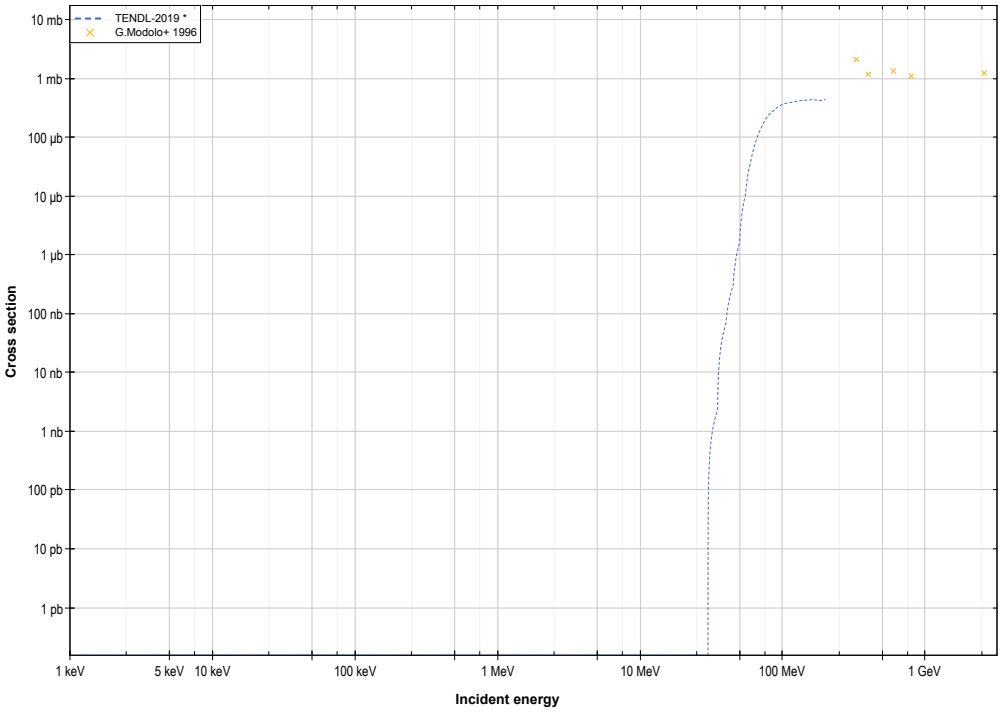
I127 (p,p+^{3}He) or Sb124 production lin-log



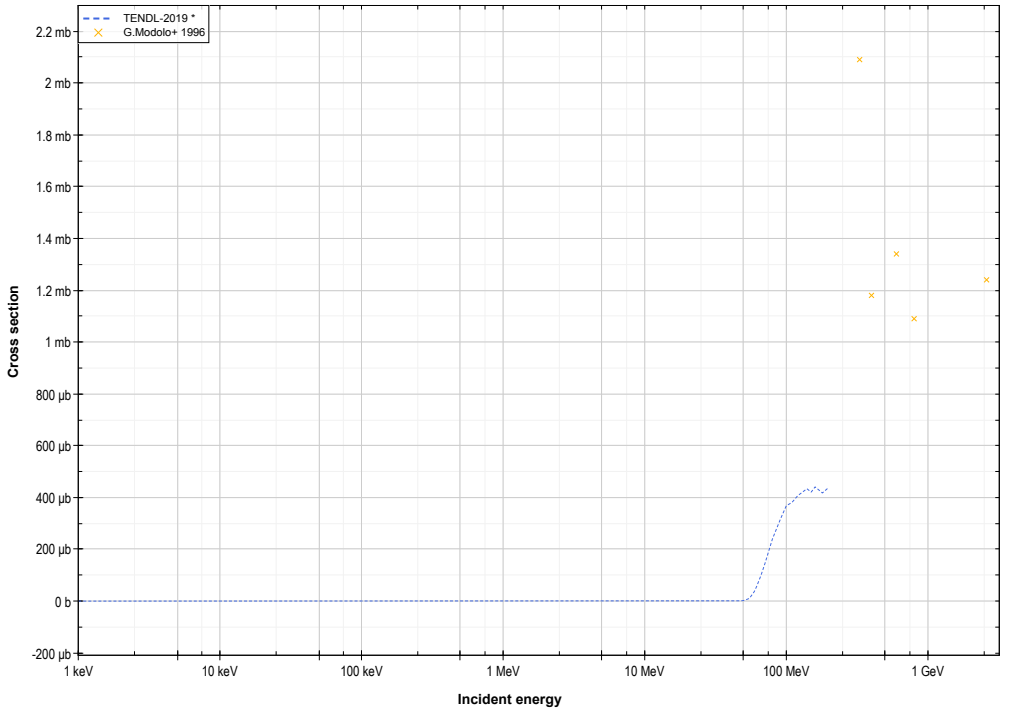
Reaction	Q-Value
I127(p,p+He3)Sb124	-16295.02 keV
I127(p,2p+d)Sb124	-21788.49 keV
I127(p,n+3p)Sb124	-24013.06 keV

<< 39-Y-89	**53-I-127**	55-Cs-133 >>
<< MT191 (p,p+^{3}He)	**MT198 (p,n+3p) or MT5 (Sb124 production)**	MT200 (p,5n+2p) >>

I127 (p,n+3p) or Sb124 production log-log



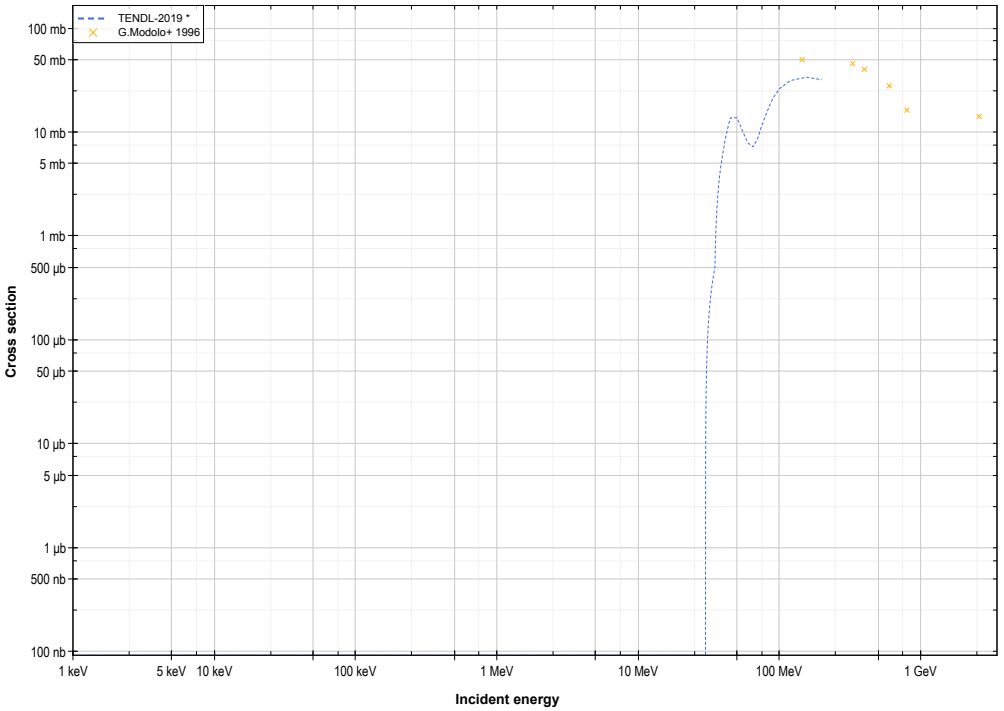
I127 (p,n+3p) or Sb124 production lin-log



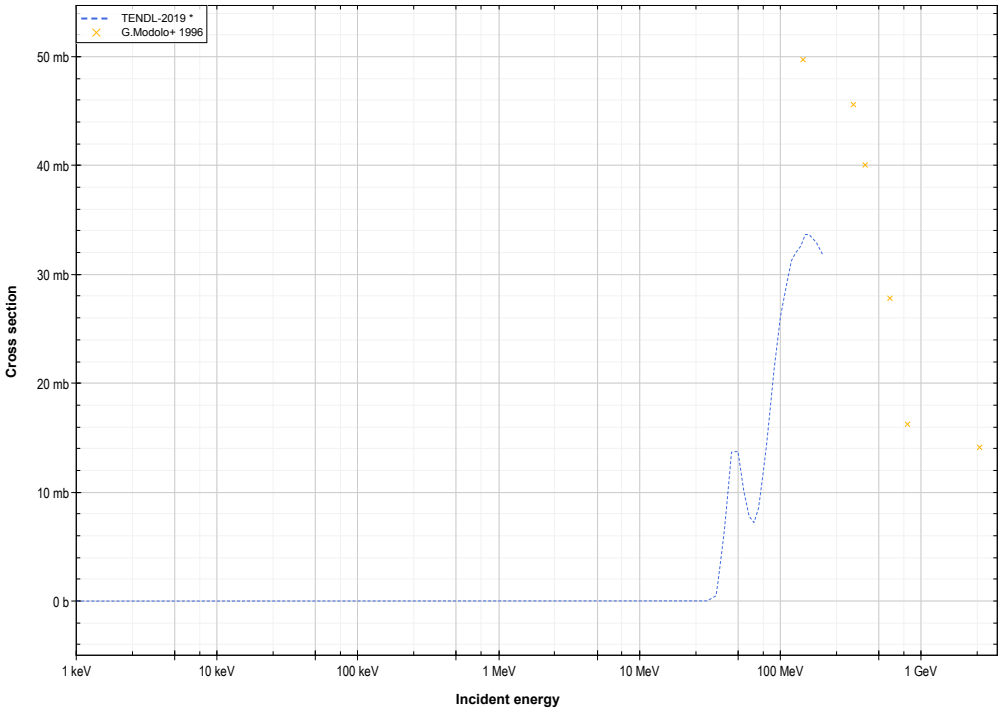
Reaction	Q-Value
I127(p,p+He3)Sb124	-16295.02 keV
I127(p,2p+d)Sb124	-21788.49 keV
I127(p,n+3p)Sb124	-24013.06 keV

<< 52-Te-126	**53-I-127**	76-Os-192 >>
<< MT198 (p,n+3p)	**MT200 (p,5n+2p) or MT5 (Te121 production)**	54-Xe-124 MT16 (p,2n) >>

I127 (p,5n+2p) or Te121 production log-log



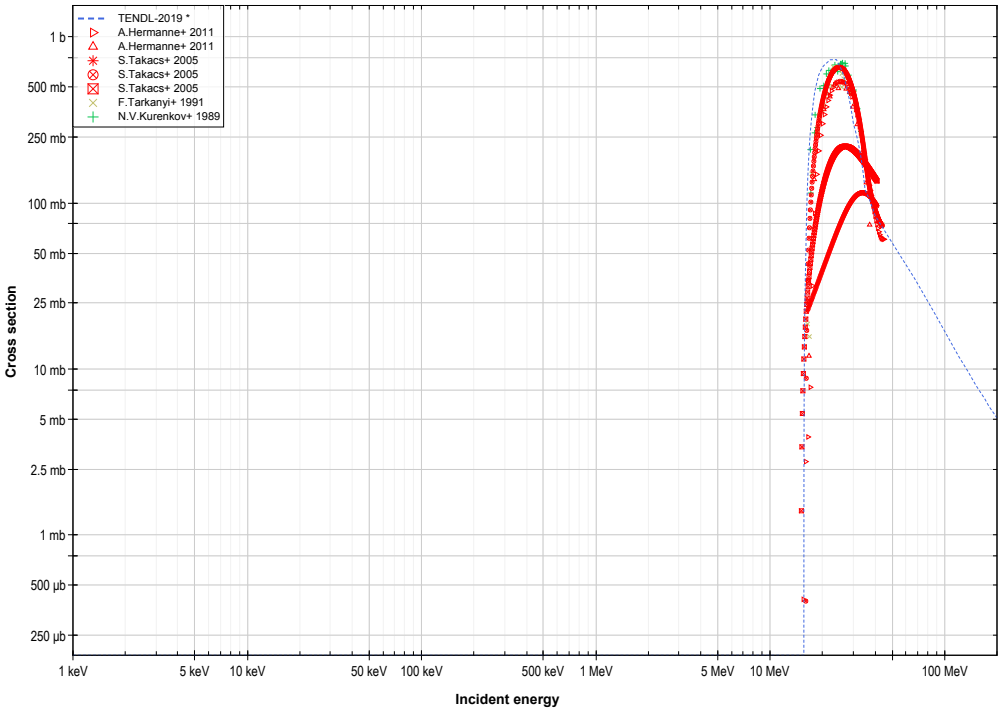
I127 (p,5n+2p) or Te121 production lin-log



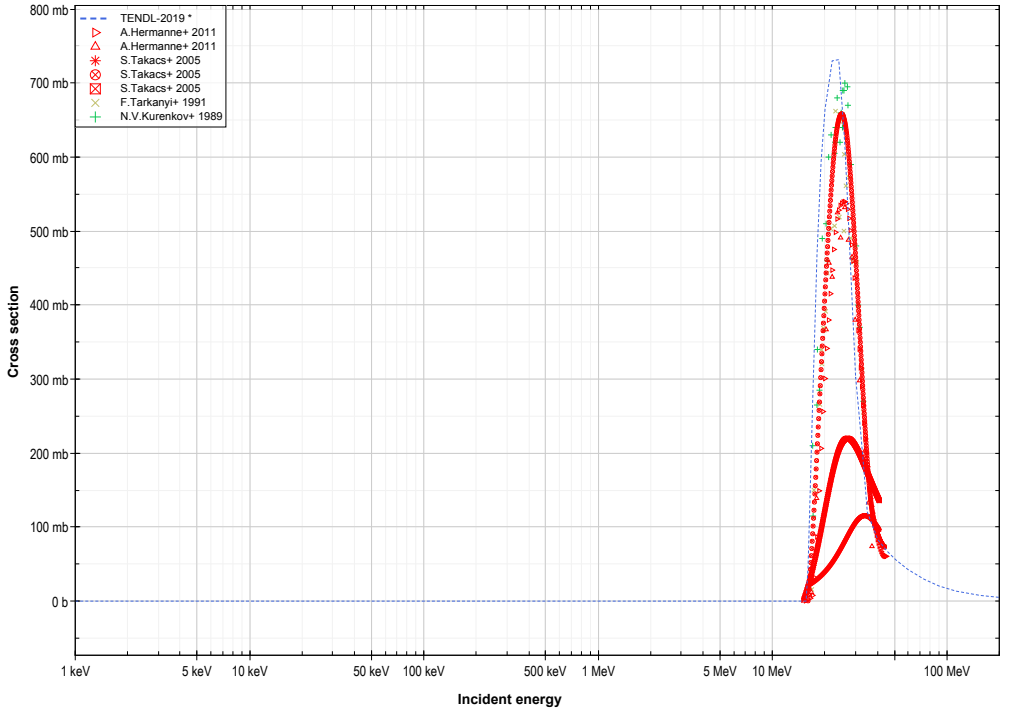
Reaction	Q-Value
I127(p,3n+α)Te121	-19787.90 keV
I127(p,n+2t)Te121	-31119.97 keV
I127(p,2n+d+t)Te121	-37377.20 keV
I127(p,3n+p+t)Te121	-39601.76 keV
I127(p,4n+He3)Te121	-40365.52 keV
I127(p,3n+2d)Te121	-43634.42 keV
I127(p,4n+p+d)Te121	-45858.99 keV
I127(p,5n+2p)Te121	-48083.56 keV

<< 52-Te-126	**54-Xe-124**	54-Xe-126 >>
<< 53-I-127 MT200 (p,5n+2p)	**MT16 (p,2n) or MT5 (Cs123 production)**	MT17 (p,3n) >>

Xe124 (p,2n) or Cs123 production log-log



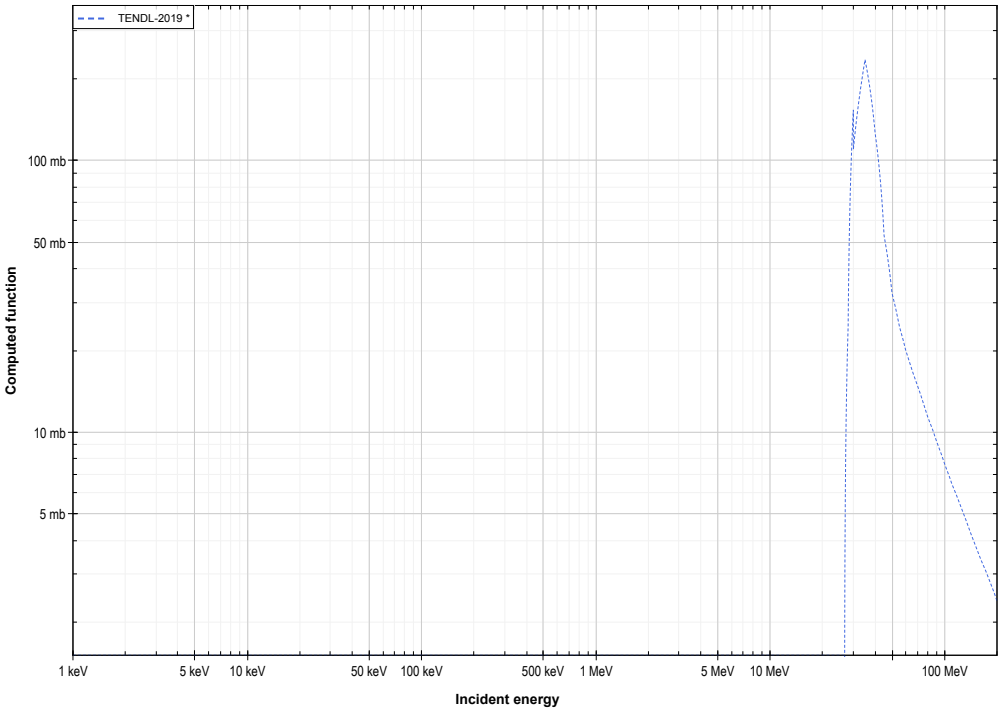
Xe124 (p,2n) or Cs123 production lin-log



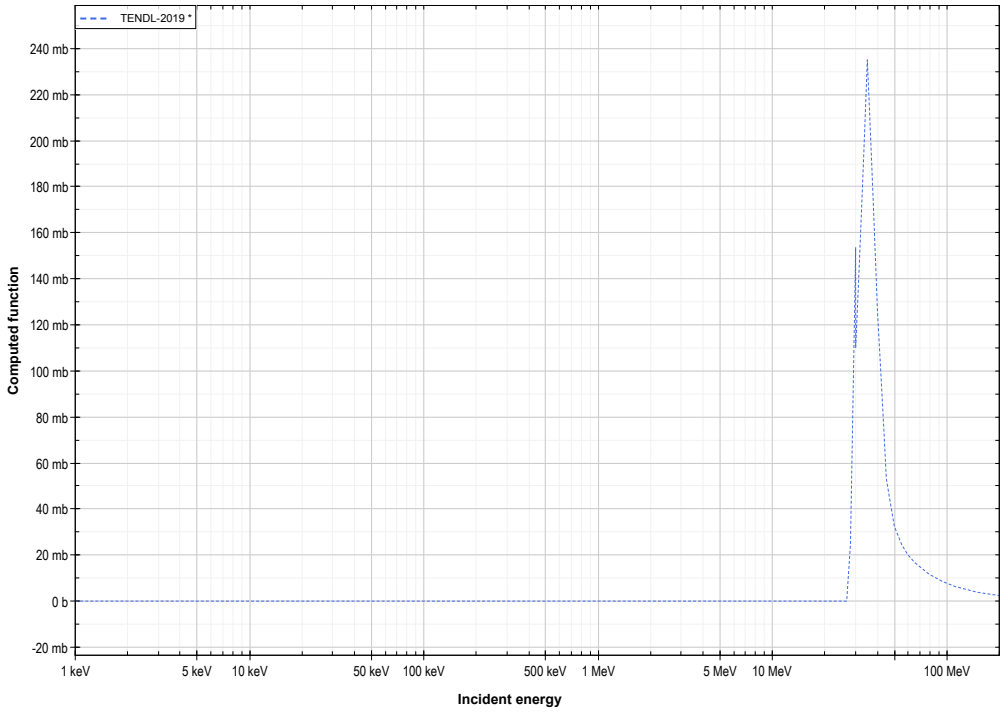
Reaction	Q-Value
Xe124(p,2n)Cs123	-15471.06 keV

<< 53-I-127	**54-Xe-124**	54-Xe-131 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Cs122 production)**	MT22 (p,n+α) >>

Xe124 (p,3n) or Cs122 production log-log



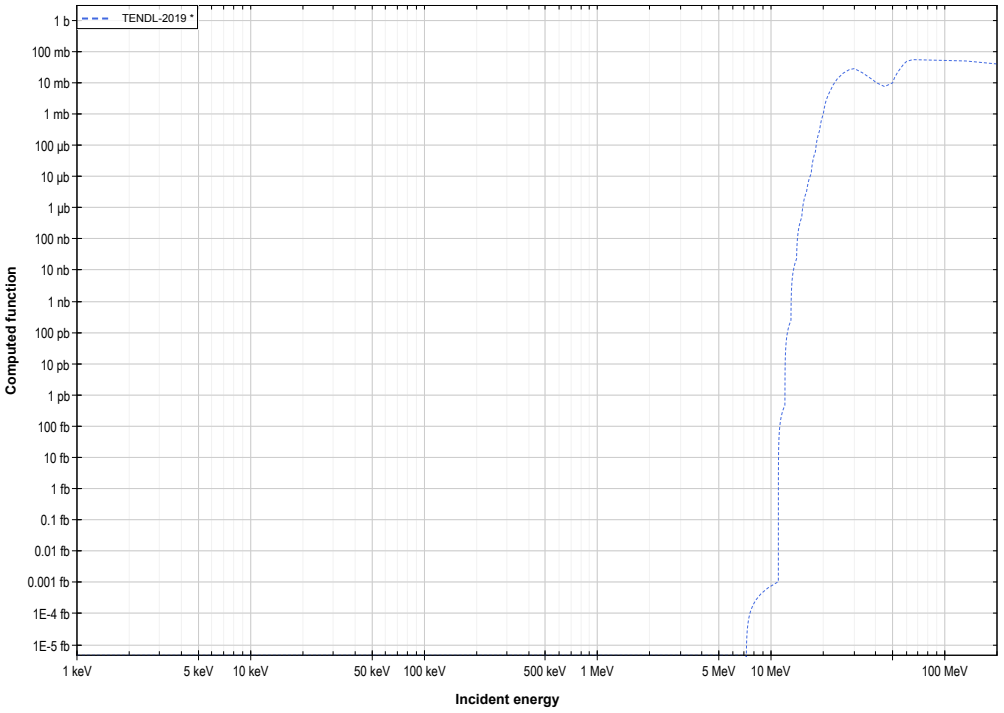
Xe124 (p,3n) or Cs122 production lin-log



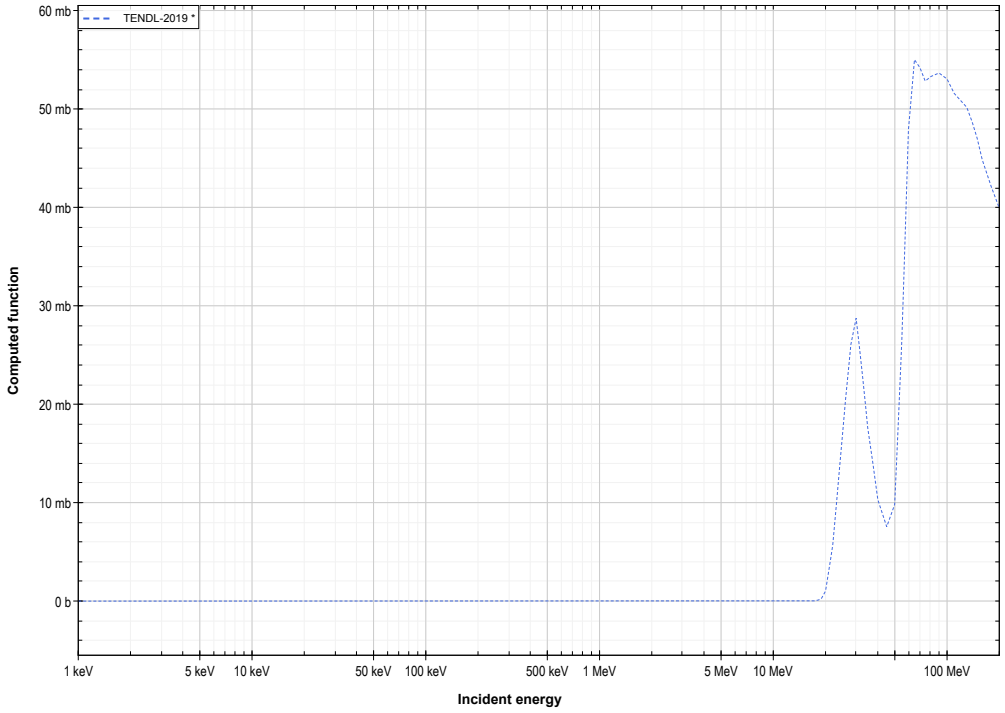
Reaction	Q-Value
Xe124(p,3n)Cs122	-26446.38 keV

<< 52-Te-126	**54-Xe-124**	80-Hg-202 >>
<< MT17 (p,3n)	**MT22 (p,n+α) or MT5 (I120 production)**	MT24 (p,2n+α) >>

Xe124 (p,n+α) or I120 production log-log



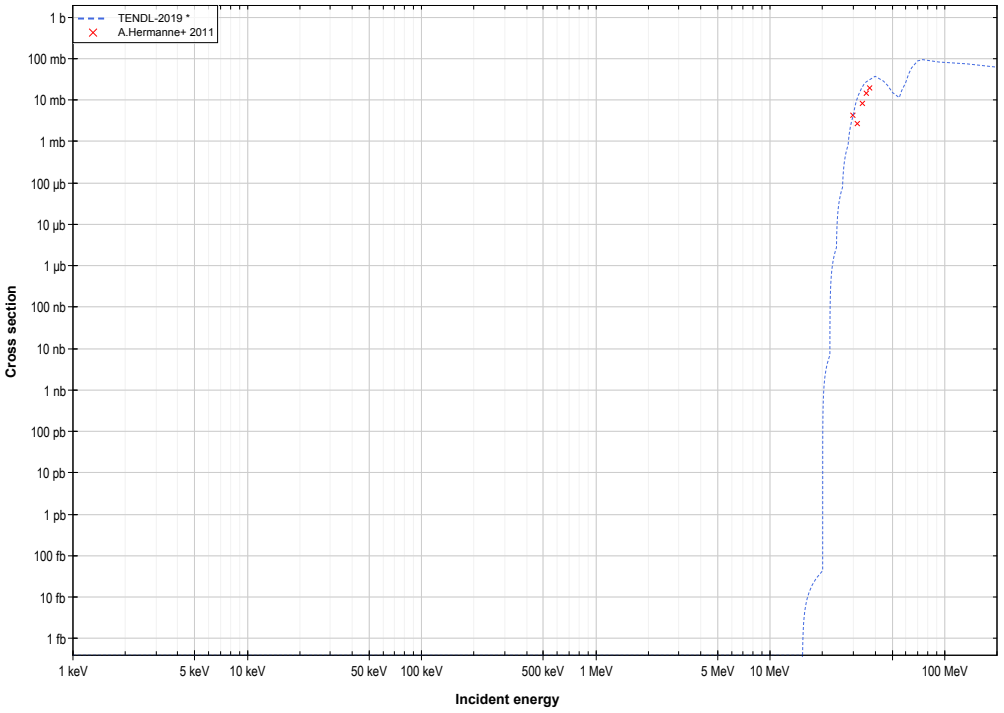
Xe124 (p,n+α) or I120 production lin-log



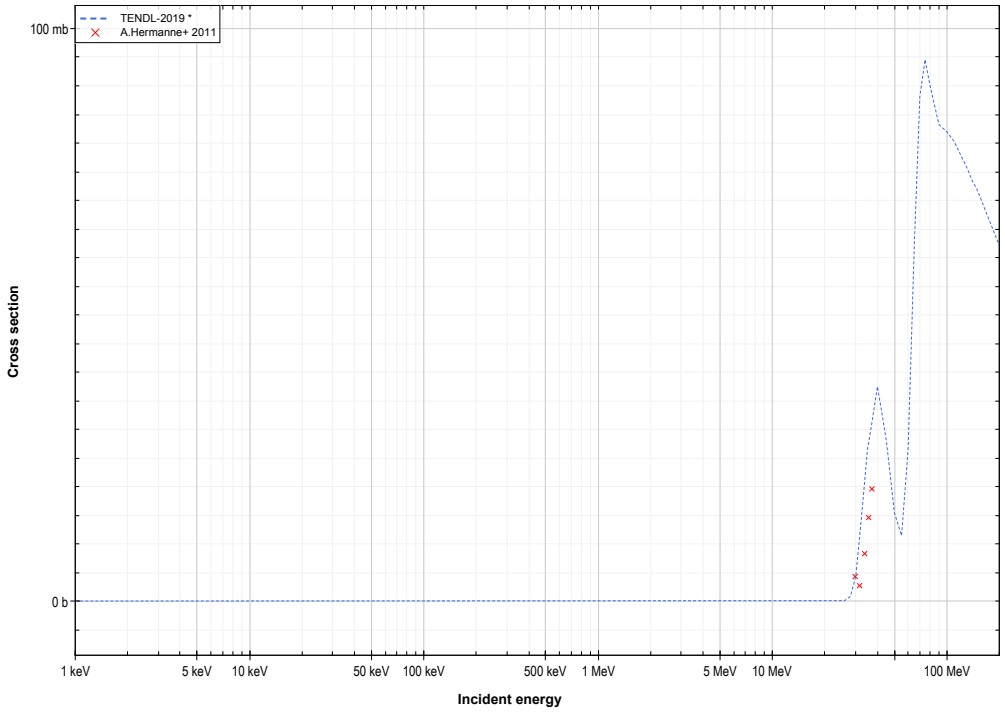
Reaction	Q-Value
Xe124(p,n+α)I120	-7115.66 keV
Xe124(p,d+t)I120	-24704.96 keV
Xe124(p,n+p+t)I120	-26929.53 keV
Xe124(p,2n+He3)I120	-27693.28 keV
Xe124(p,n+2d)I120	-30962.19 keV
Xe124(p,2n+p+d)I120	-33186.76 keV
Xe124(p,3n+2p)I120	-35411.32 keV

<< 52-Te-125	**54-Xe-124**	90-Th-232 >>
<< MT22 (p,n+α)	**MT24 (p,2n+α) or MT5 (I119 production)**	MT28 (p,n+p) >>

Xe124 (p,2n+α) or I119 production log-log



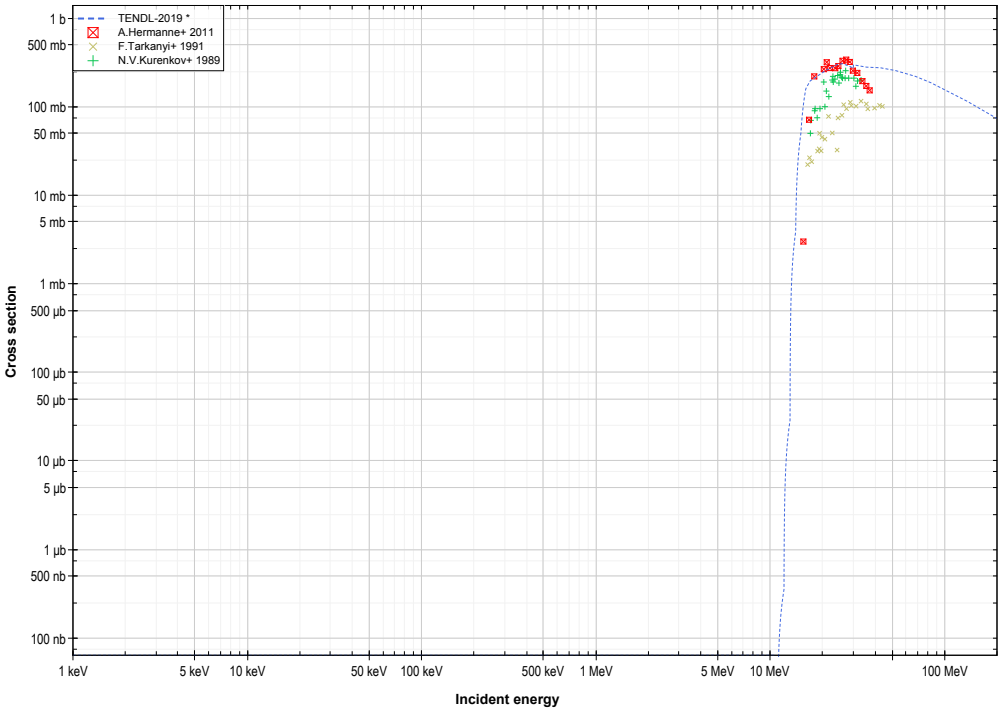
Xe124 (p,2n+α) or I119 production lin-log



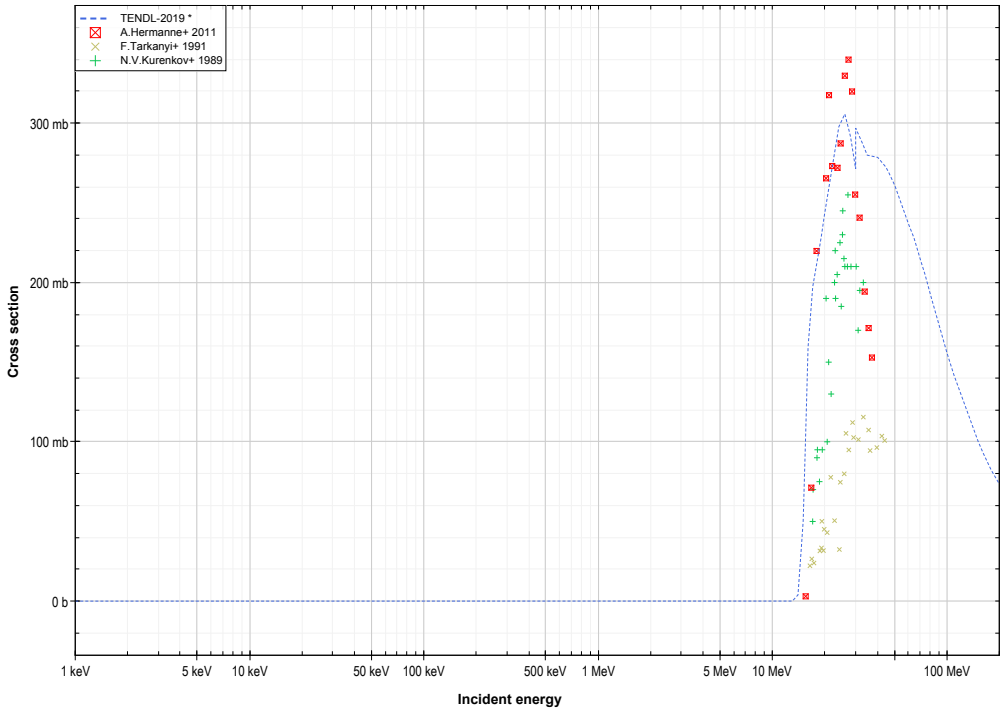
Reaction	Q-Value
Xe124(p,2n+α)I119	-15173.98 keV
Xe124(p,2t)I119	-26506.05 keV
Xe124(p,n+d+t)I119	-32763.28 keV
Xe124(p,2n+p+t)I119	-34987.84 keV
Xe124(p,3n+He3)I119	-35751.60 keV
Xe124(p,2n+2d)I119	-39020.51 keV
Xe124(p,3n+p+d)I119	-41245.07 keV
Xe124(p,4n+2p)I119	-43469.64 keV

<< 53-I-127	**54-Xe-124**	54-Xe-126 >>
<< MT24 (p,2n+α)	**MT28 (p,n+p) or MT5 (Xe123 production)**	MT107 (p,α) >>

Xe124 (p,n+p) or Xe123 production log-log



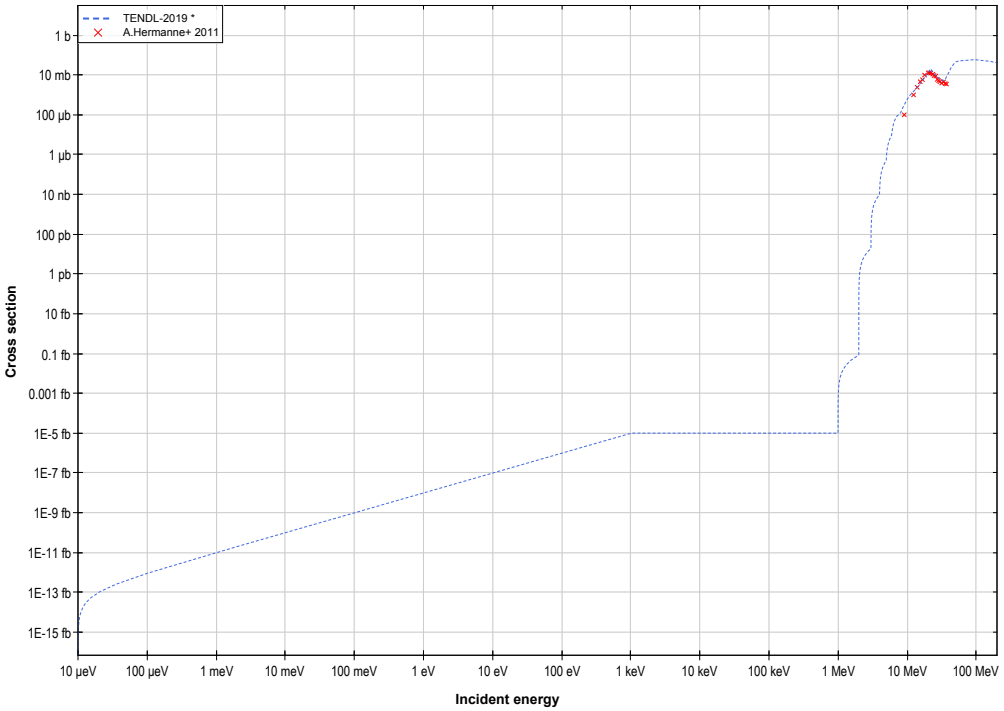
Xe124 (p,n+p) or Xe123 production lin-log



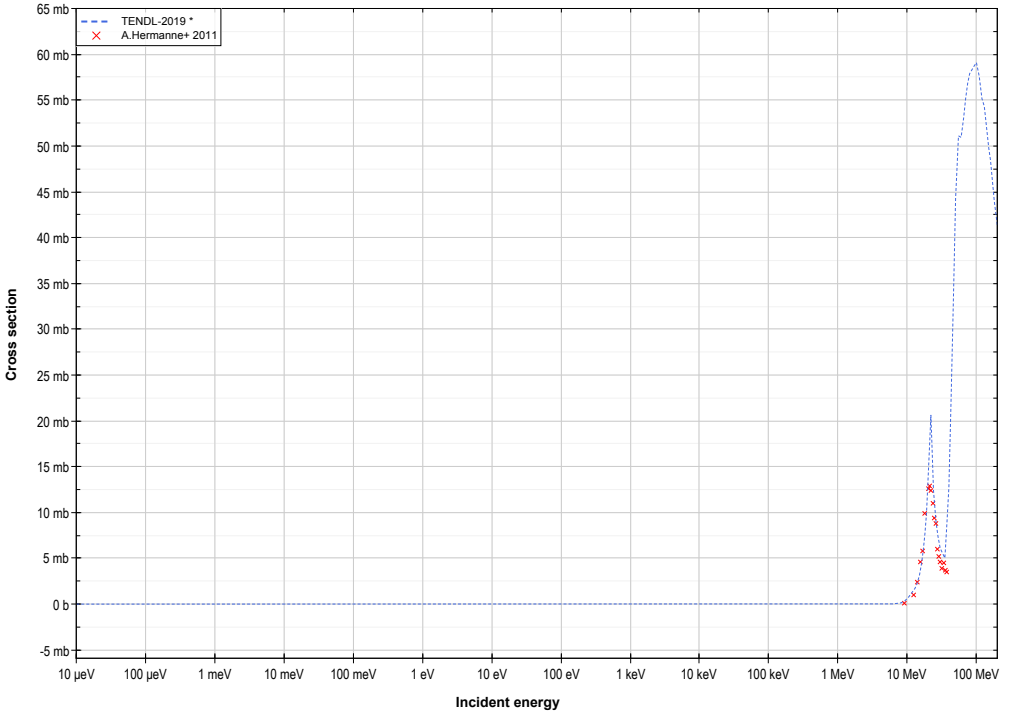
Reaction	Q-Value
Xe124(p,d)Xe123	-8259.15 keV
Xe124(p,n+p)Xe123	-10483.72 keV

<< 52-Te-125	**54-Xe-124**	57-La-139 >>
<< MT28 (p,n+p)	**MT107 (p,α) or MT5 (I121 production)**	54-Xe-126 MT16 (p,2n) >>

Xe124 (p,α) or I121 production log-log



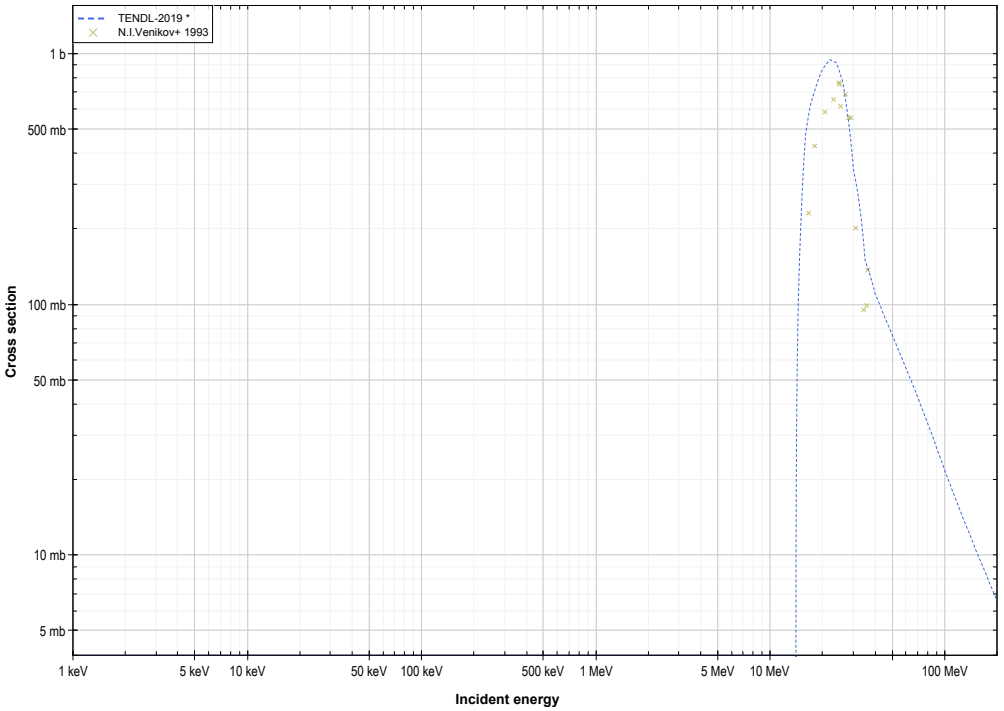
Xe124 (p,α) or I121 production lin-log



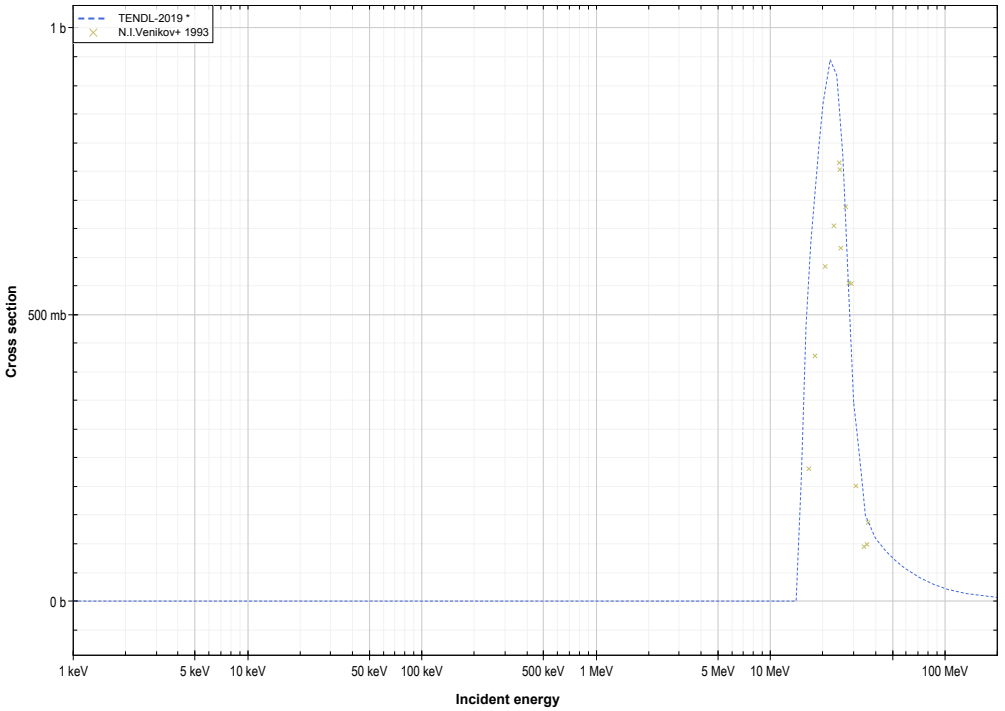
Reaction	Q-Value
Xe124(p,α)I121	3453.65 keV
Xe124(p,p+t)I121	-16360.21 keV
Xe124(p,n+He3)I121	-17123.96 keV
Xe124(p,2d)I121	-20392.87 keV
Xe124(p,n+p+d)I121	-22617.44 keV
Xe124(p,2n+2p)I121	-24842.00 keV

<< 54-Xe-124	**54-Xe-126**	58-Ce-140 >>
<< 54-Xe-124 MT107 (p,α)	**MT16 (p,2n) or MT5 (Cs125 production)**	MT28 (p,n+p) >>

Xe126 (p,2n) or Cs125 production log-log



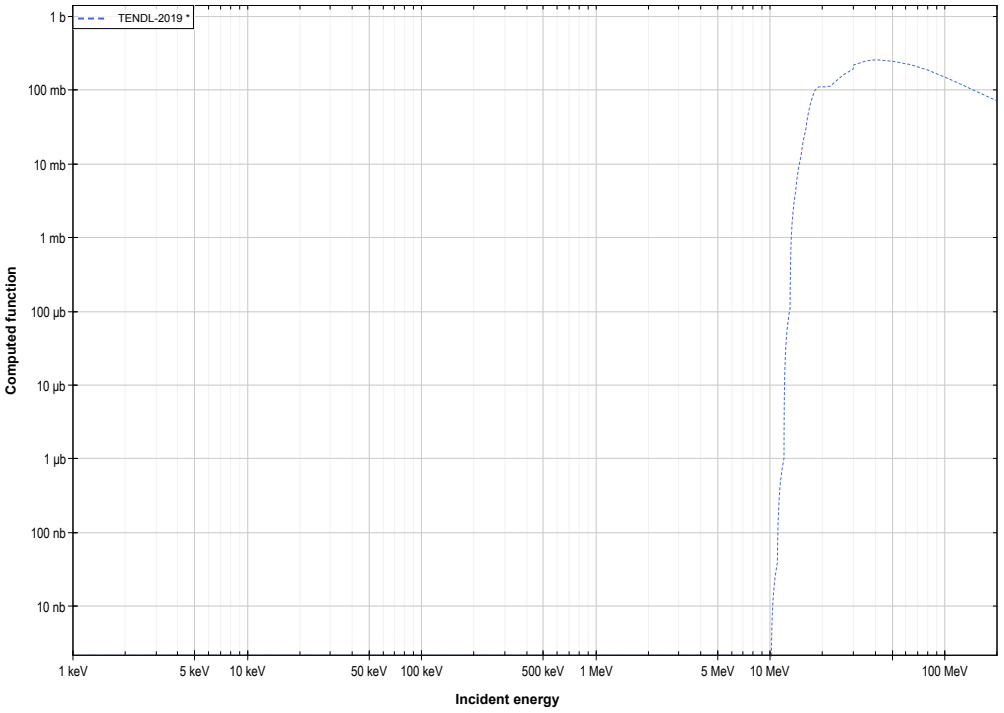
Xe126 (p,2n) or Cs125 production lin-log



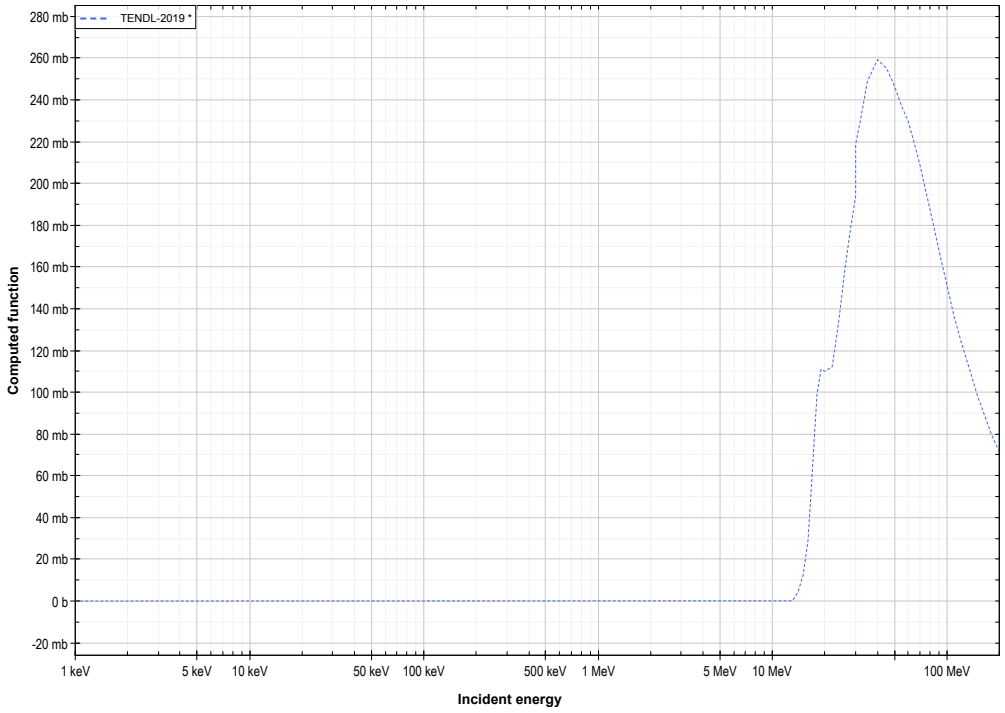
Reaction	Q-Value
Xe126(p,2n)Cs125	-13912.66 keV

<< 54-Xe-124	**54-Xe-126**	55-Cs-133 >>
<< MT16 (p,2n)	**MT28 (p,n+p) or MT5 (Xe125 production)**	54-Xe-131 MT4 (p,n) >>

Xe126 (p,n+p) or Xe125 production log-log



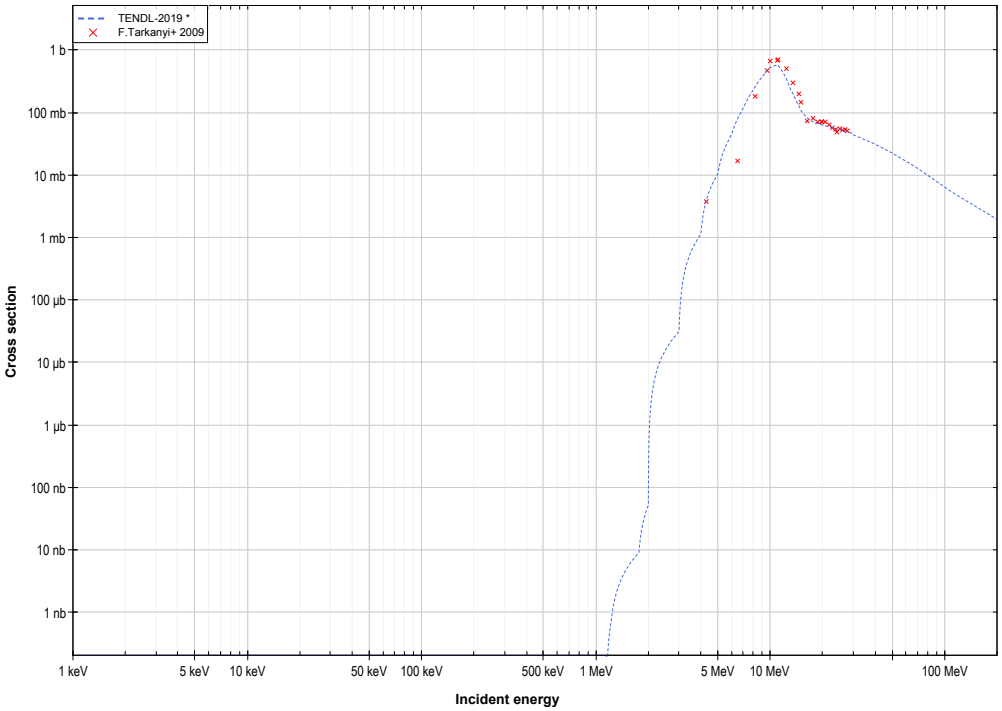
Xe126 (p,n+p) or Xe125 production lin-log



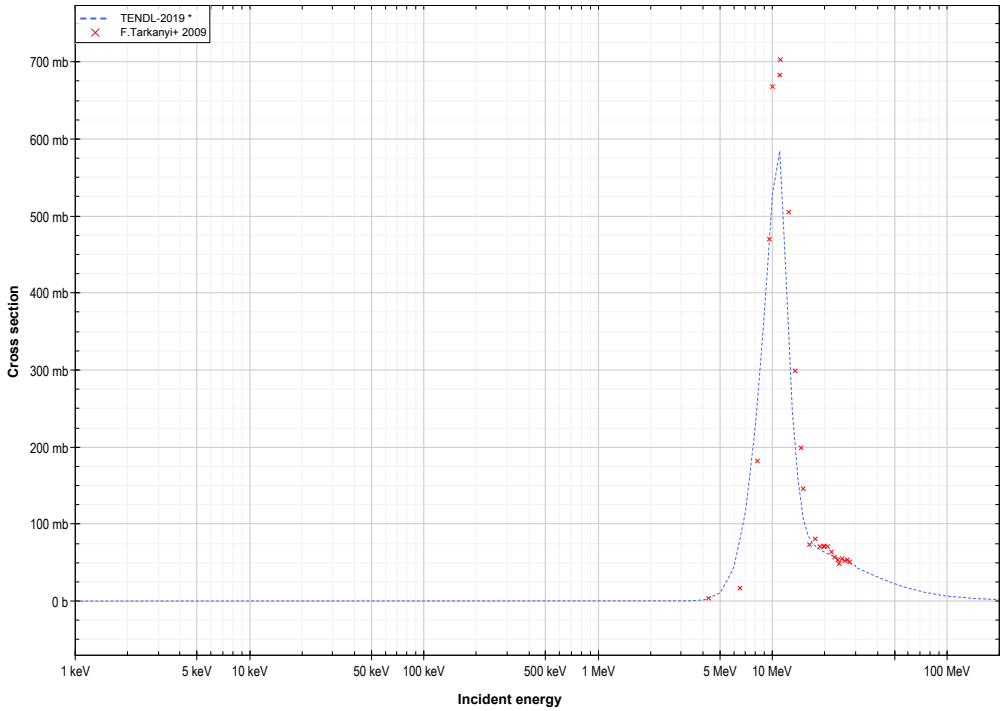
Reaction	Q-Value
Xe126(p,d)Xe125	-7800.35 keV
Xe126(p,n+p)Xe125	-10024.92 keV

<< 53-I-127	**54-Xe-131**	55-Cs-133 >>
<< 54-Xe-126 MT28 (p,n+p)	**MT4 (p,n) or MT5 (Cs131 production)**	MT17 (p,3n) >>

Xe131 (p,n) or Cs131 production log-log



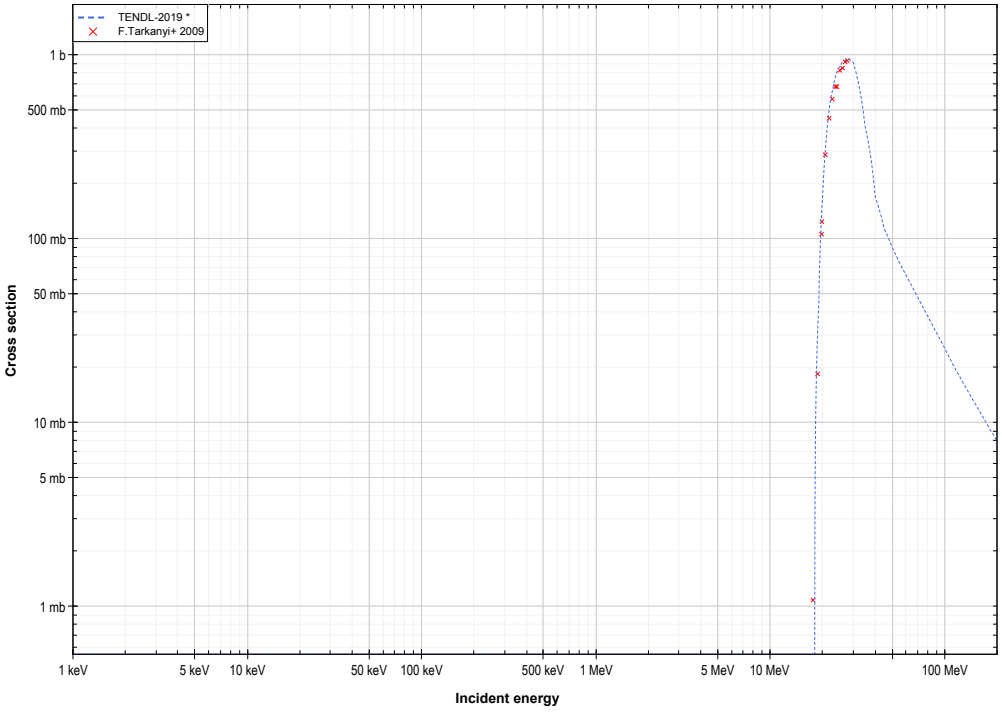
Xe131 (p,n) or Cs131 production lin-log



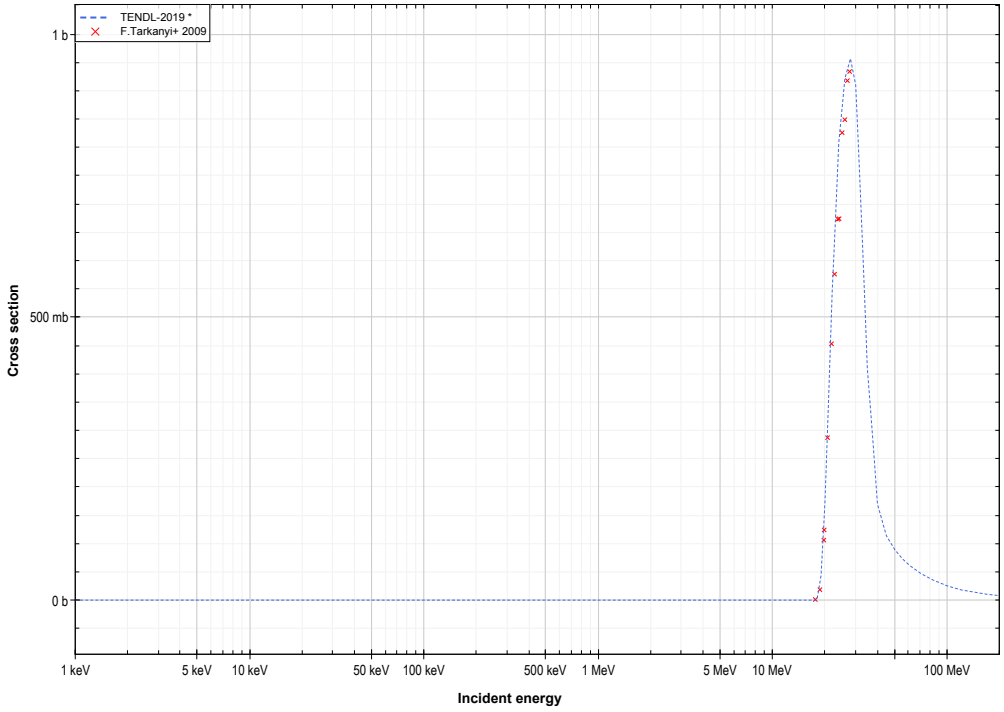
Reaction	Q-Value
Xe131(p,n)Cs131	-1136.90 keV

<< 54-Xe-124	**54-Xe-131**	55-Cs-133 >>
<< MT4 (p,n)	**MT17 (p,3n) or MT5 (Cs129 production)**	55-Cs-133 MT4 (p,n) >>

Xe131 (p,3n) or Cs129 production log-log



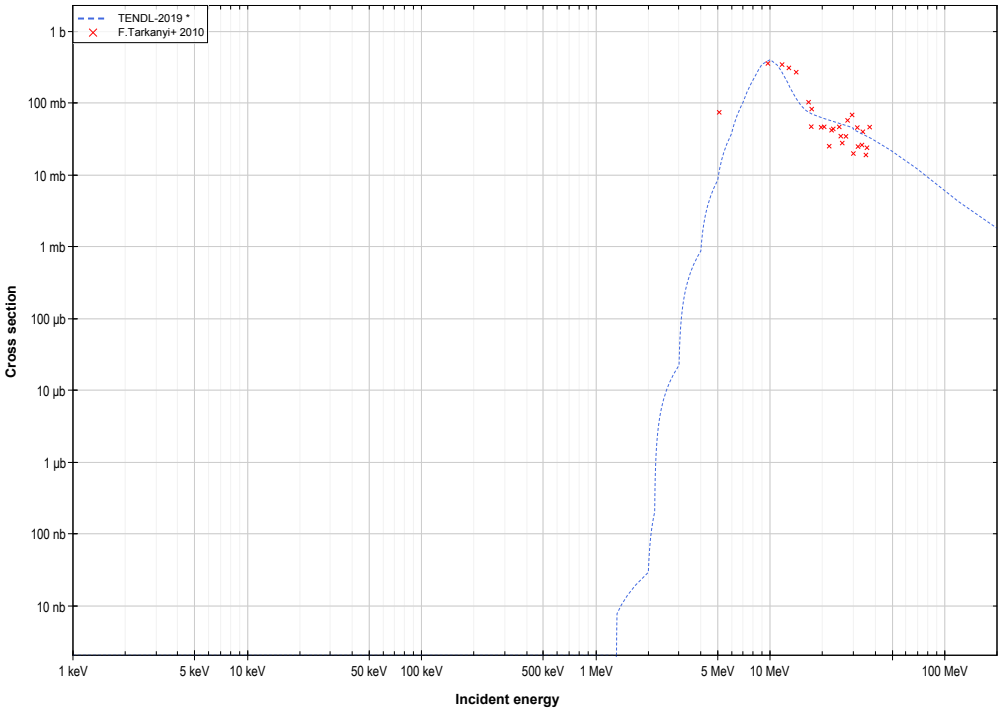
Xe131 (p,3n) or Cs129 production lin-log



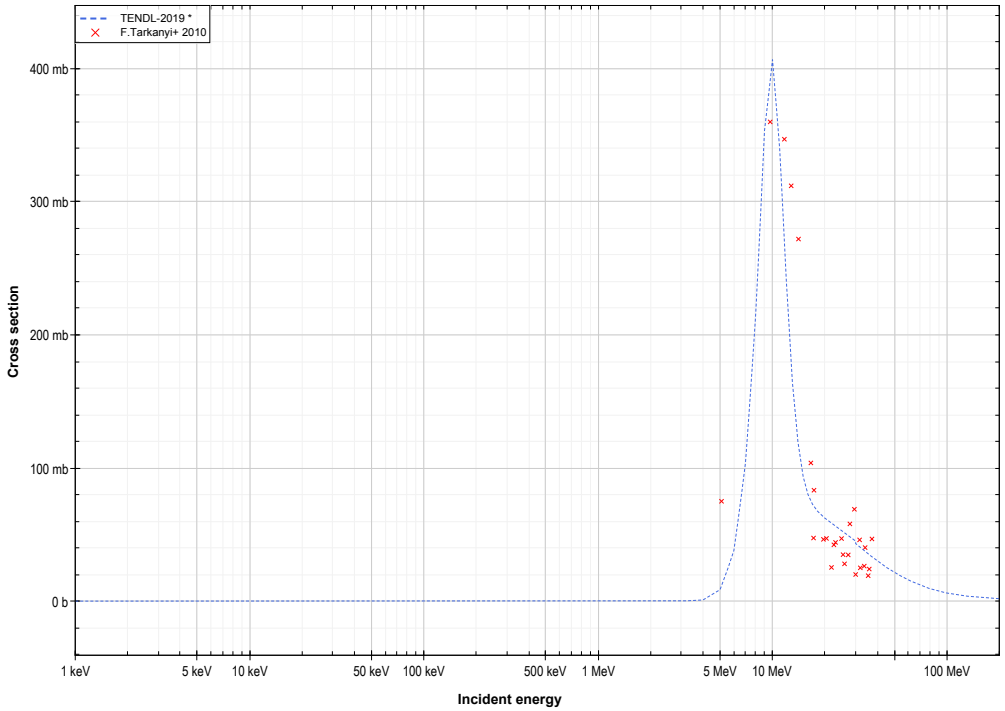
Reaction	Q-Value
Xe131(p,3n)Cs129	-17839.54 keV

<< 54-Xe-131	**55-Cs-133**	56-Ba-134 >>
<< 54-Xe-131 MT17 (p,3n)	**MT4 (p,n) or MT5 (Ba133 production)**	MT11 (p,2n+d) >>

Cs133 (p,n) or Ba133 production log-log



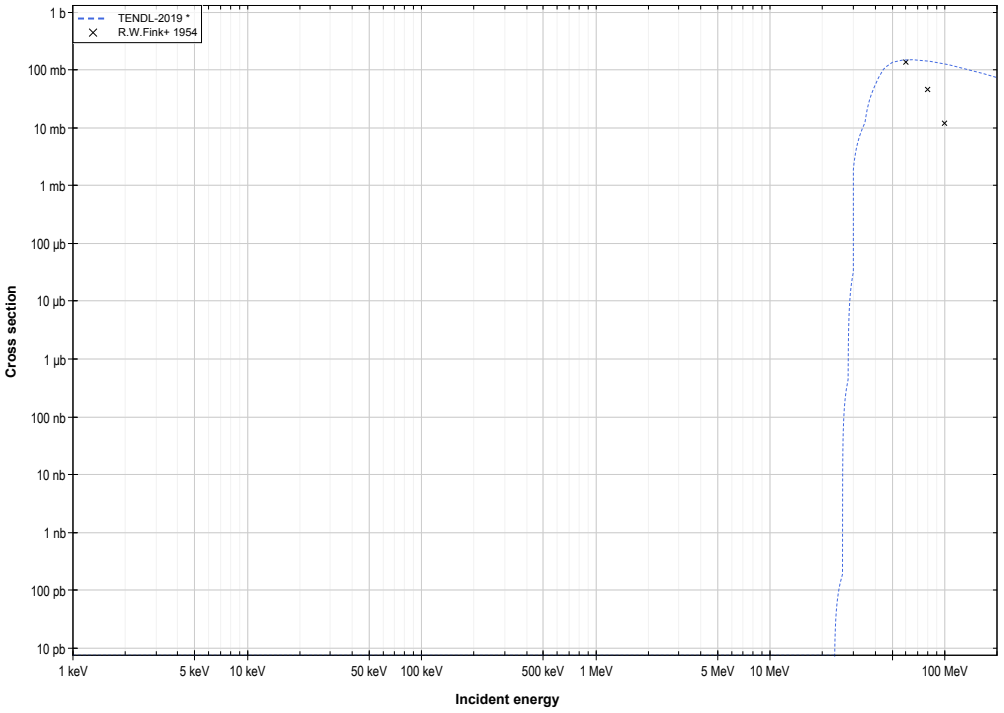
Cs133 (p,n) or Ba133 production lin-log



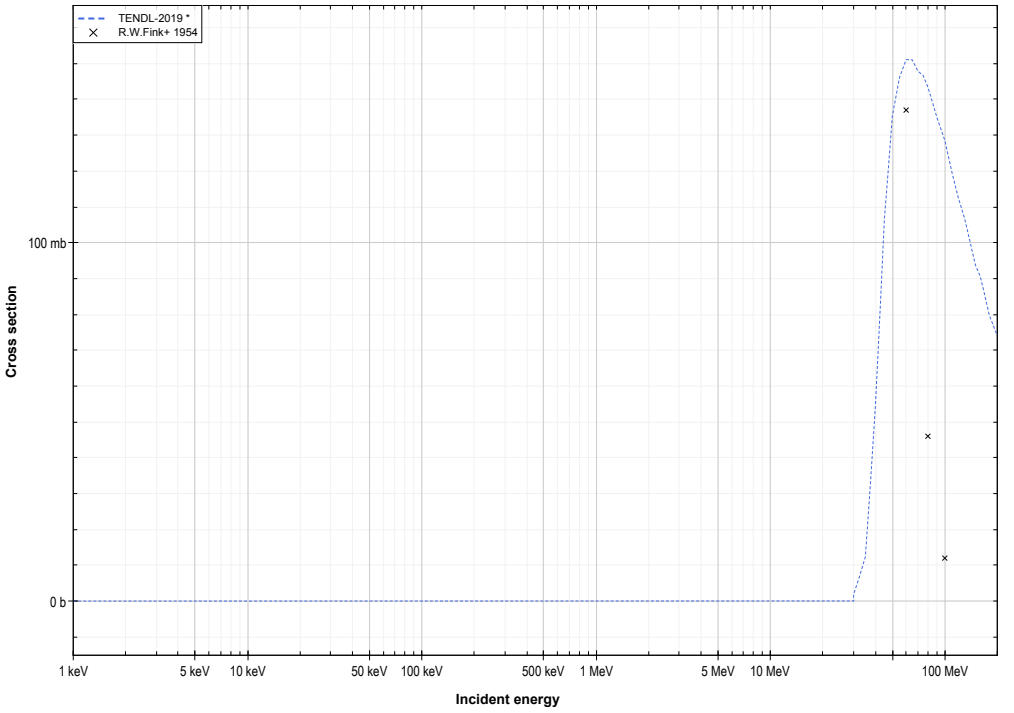
Reaction	Q-Value
Cs133(p,n)Ba133	-1299.68 keV

<< 53-I-127	**55-Cs-133**	65-Tb-159 >>
<< MT4 (p,n)	**MT11 (p,2n+d) or MT5 (Cs130 production)**	MT17 (p,3n) >>

Cs133 (p,2n+d) or Cs130 production log-log



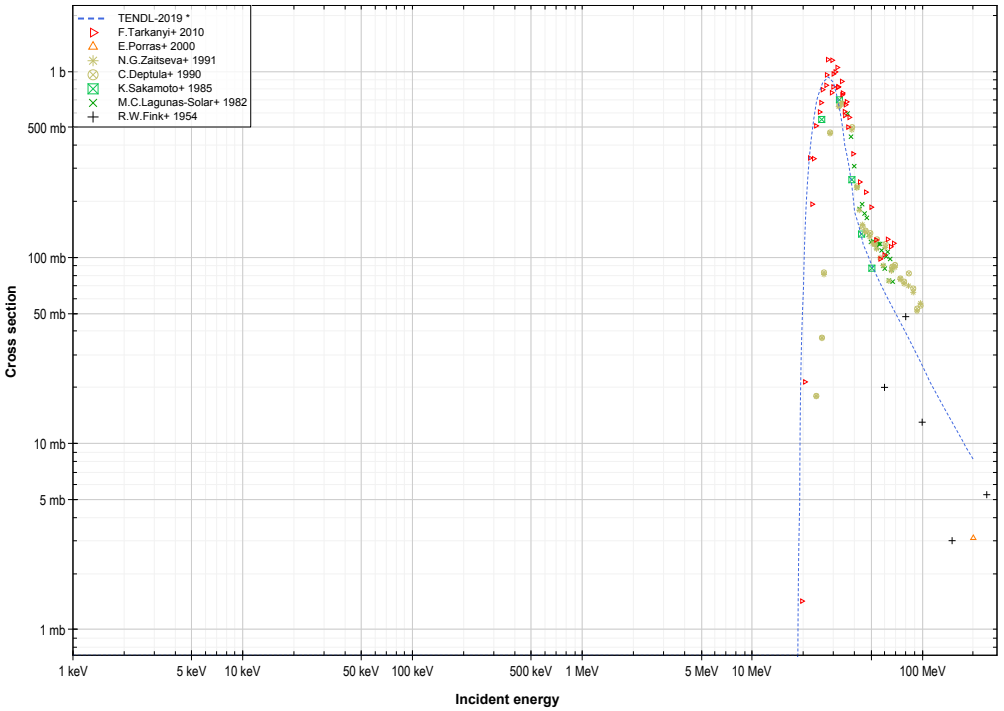
Cs133 (p,2n+d) or Cs130 production lin-log



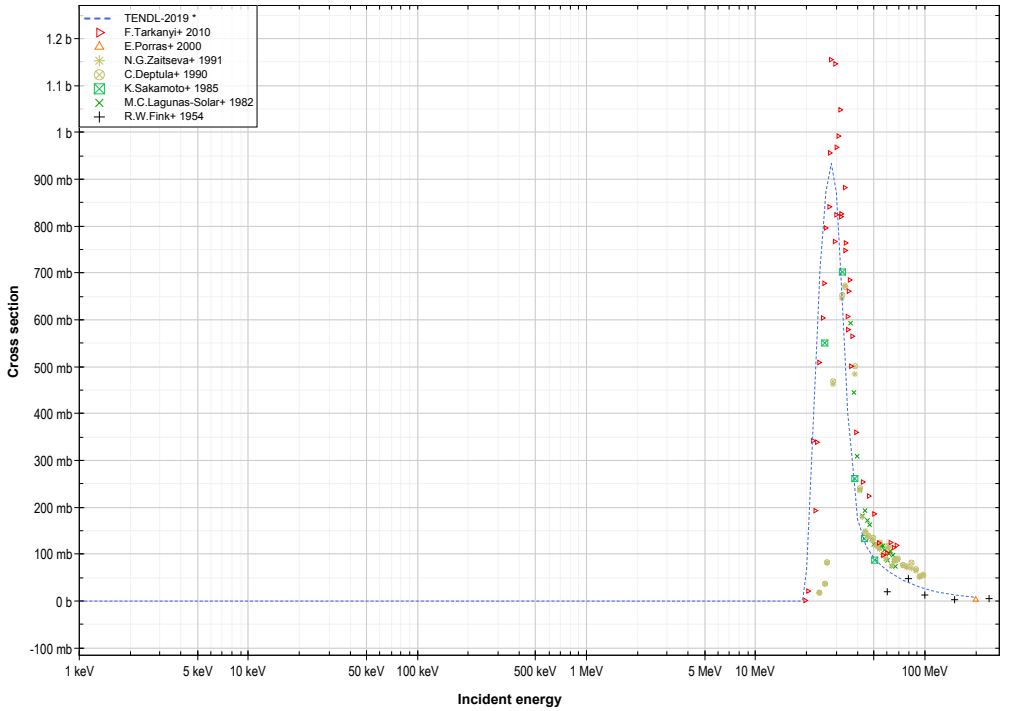
Reaction	Q-Value
Cs133(p,n+t)Cs130	-16903.09 keV
Cs133(p,2n+d)Cs130	-23160.32 keV
Cs133(p,3n+p)Cs130	-25384.88 keV

<< 54-Xe-131	**55-Cs-133**	57-La-139 >>
<< MT11 (p,2n+d)	**MT17 (p,3n) or MT5 (Ba131 production)**	MT28 (p,n+p) >>

Cs133 (p,3n) or Ba131 production log-log



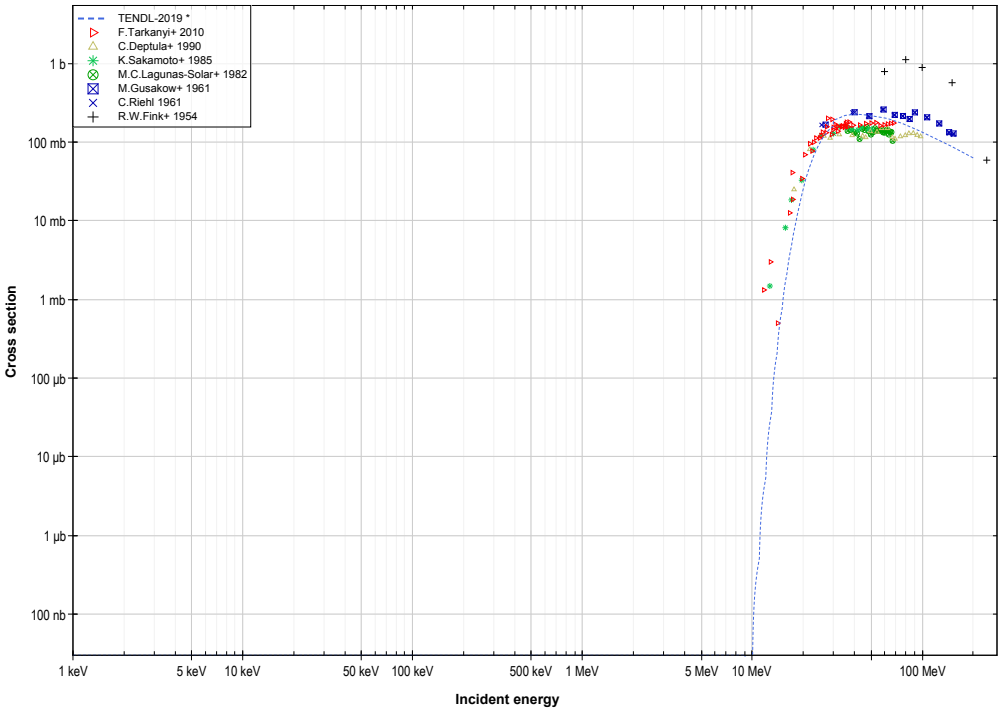
Cs133 (p,3n) or Ba131 production lin-log



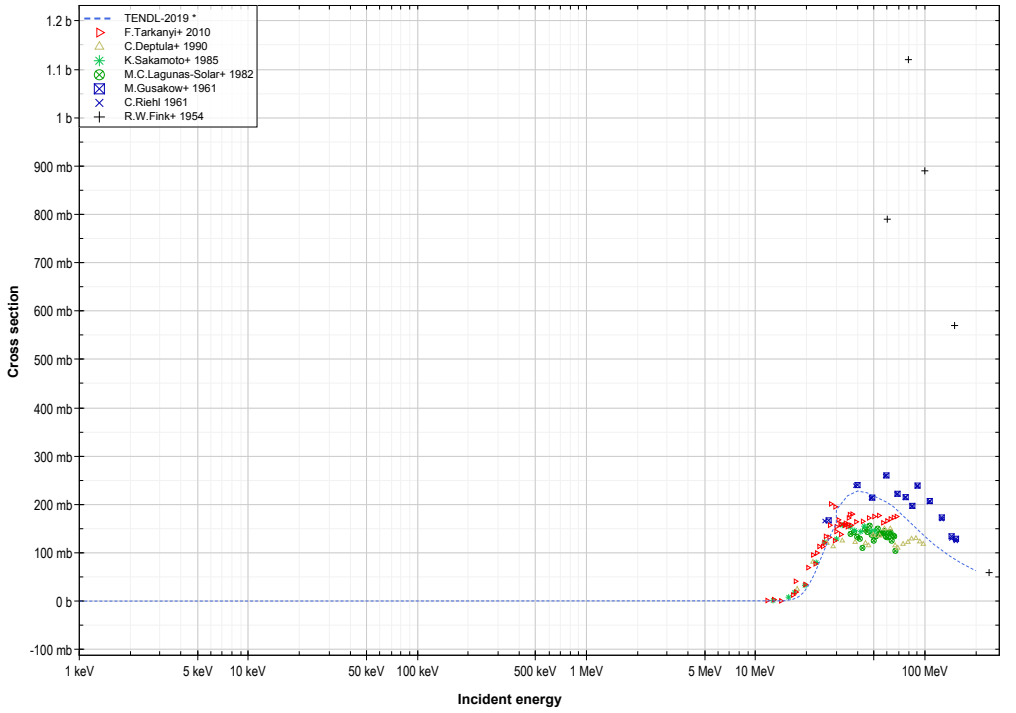
Reaction	Q-Value
Cs133(p,3n)Ba131	-18312.21 keV

<< 54-Xe-126	**55-Cs-133**	58-Ce-142 >>
<< MT17 (p,3n)	**MT28 (p,n+p) or MT5 (Cs132 production)**	MT32 (p,n+d) >>

Cs133 (p,n+p) or Cs132 production log-log



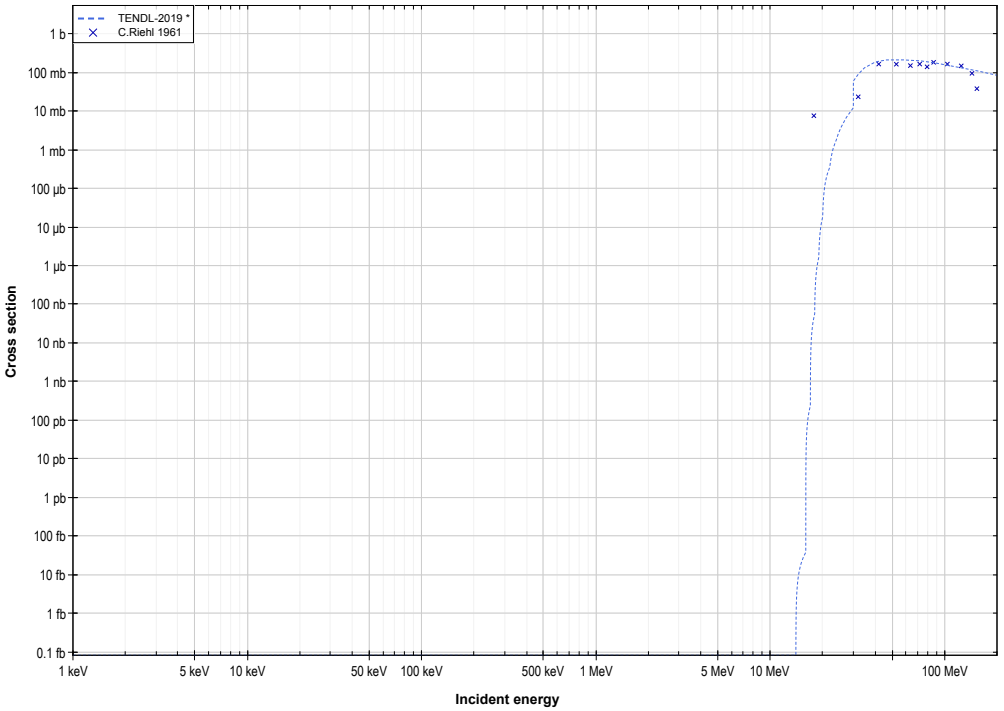
Cs133 (p,n+p) or Cs132 production lin-log



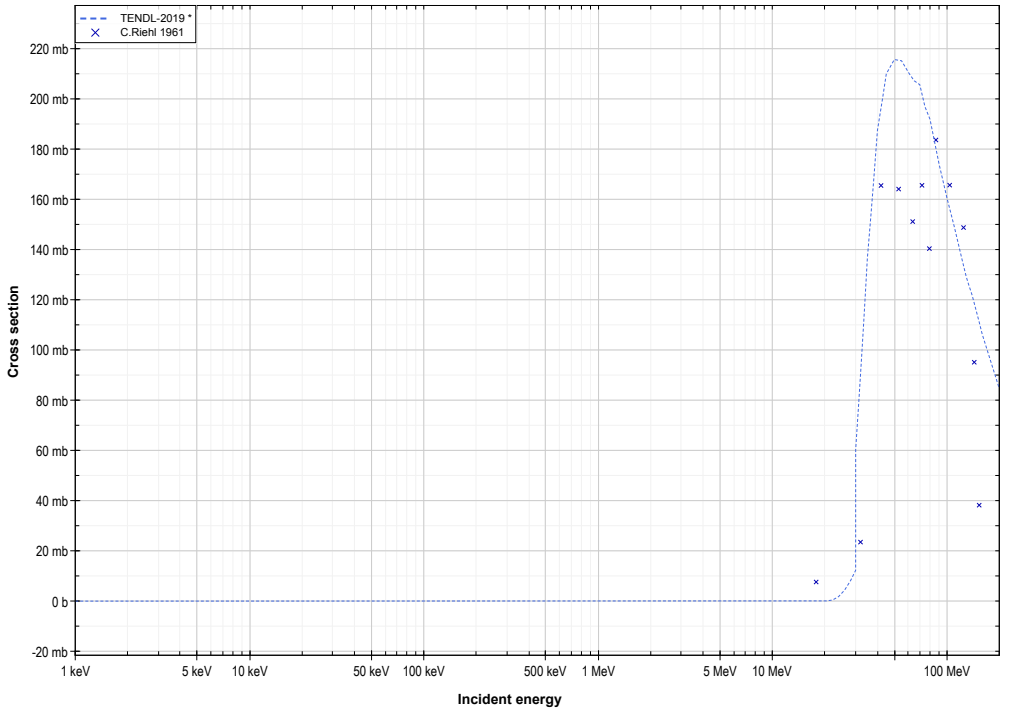
Reaction	Q-Value
Cs133(p,d)Cs132	-6764.98 keV
Cs133(p,n+p)Cs132	-8989.55 keV

<< 53-I-127	**55-Cs-133**	79-Au-197 >>
<< MT28 (p,n+p)	**MT32 (p,n+d) or MT5 (Cs131 production)**	MT33 (p,n+t) >>

Cs133 (p,n+d) or Cs131 production log-log



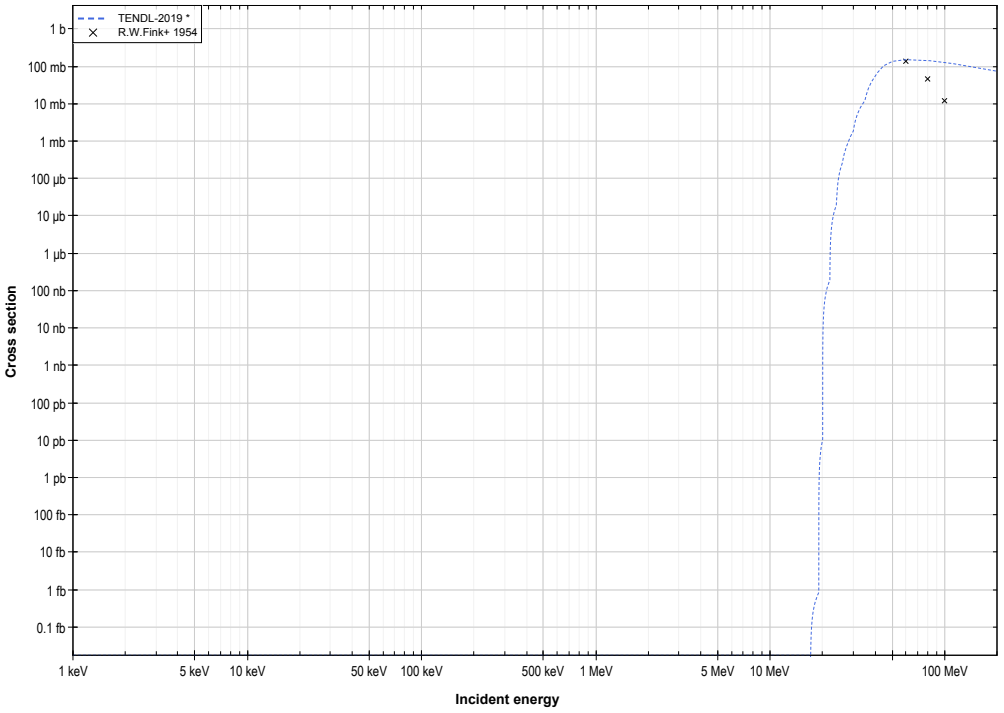
Cs133 (p,n+d) or Cs131 production lin-log



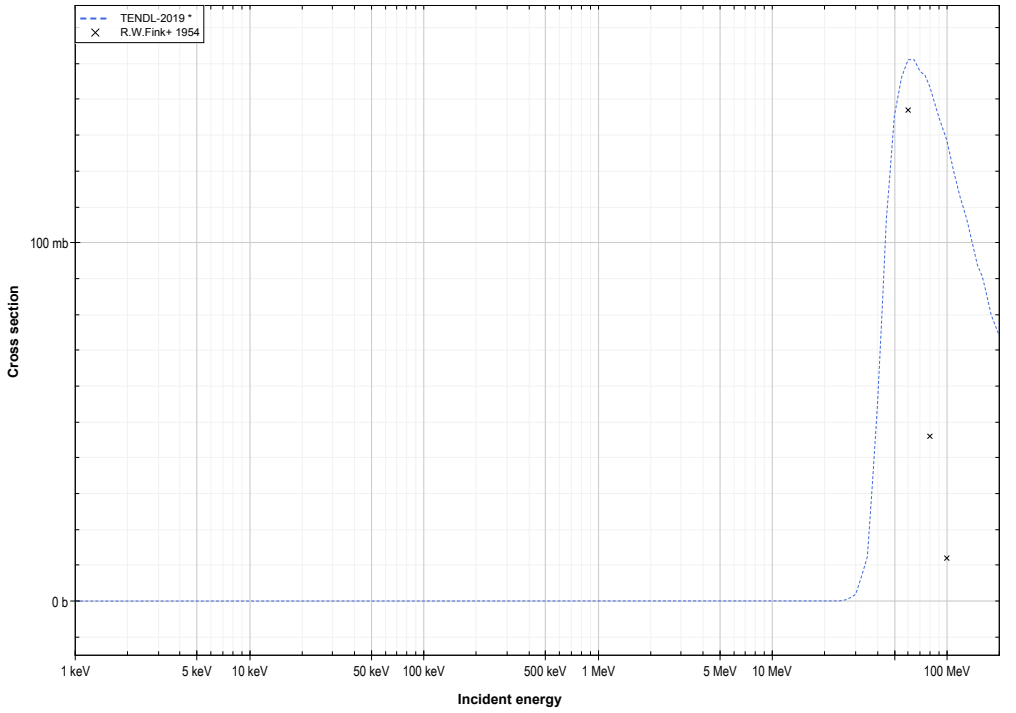
Reaction	Q-Value
Cs133(p,t)Cs131	-7672.77 keV
Cs133(p,n+d)Cs131	-13930.00 keV
Cs133(p,2n+p)Cs131	-16154.57 keV

<< 53-I-127	**55-Cs-133**	65-Tb-159 >>
<< MT32 (p,n+d)	**MT33 (p,n+t) or MT5 (Cs130 production)**	MT41 (p,2n+p) >>

Cs133 (p,n+t) or Cs130 production log-log



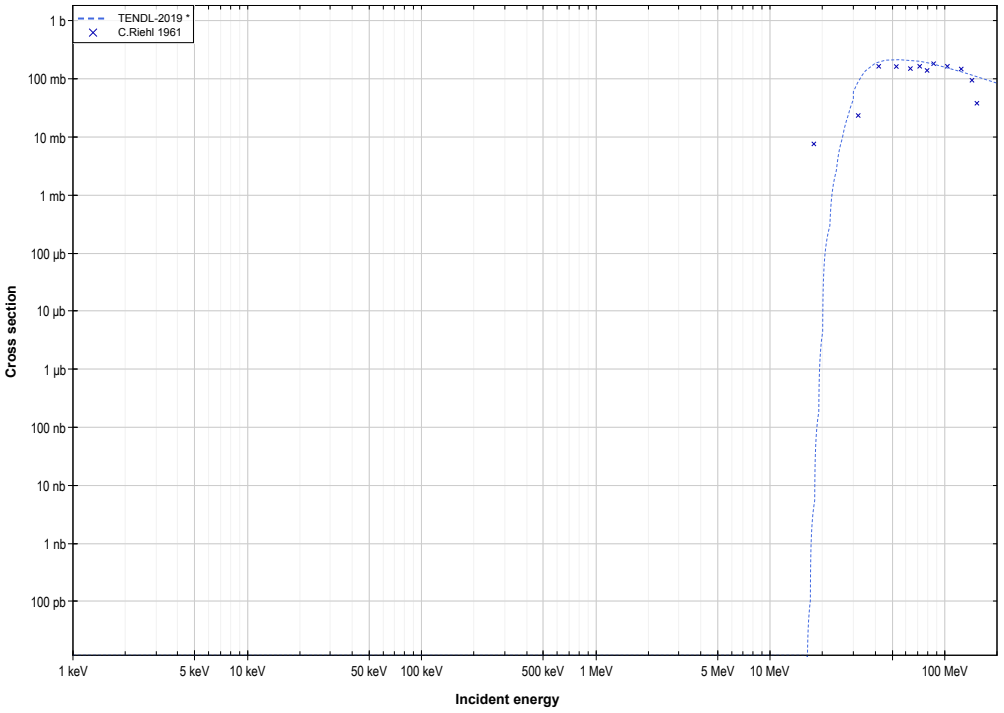
Cs133 (p,n+t) or Cs130 production lin-log



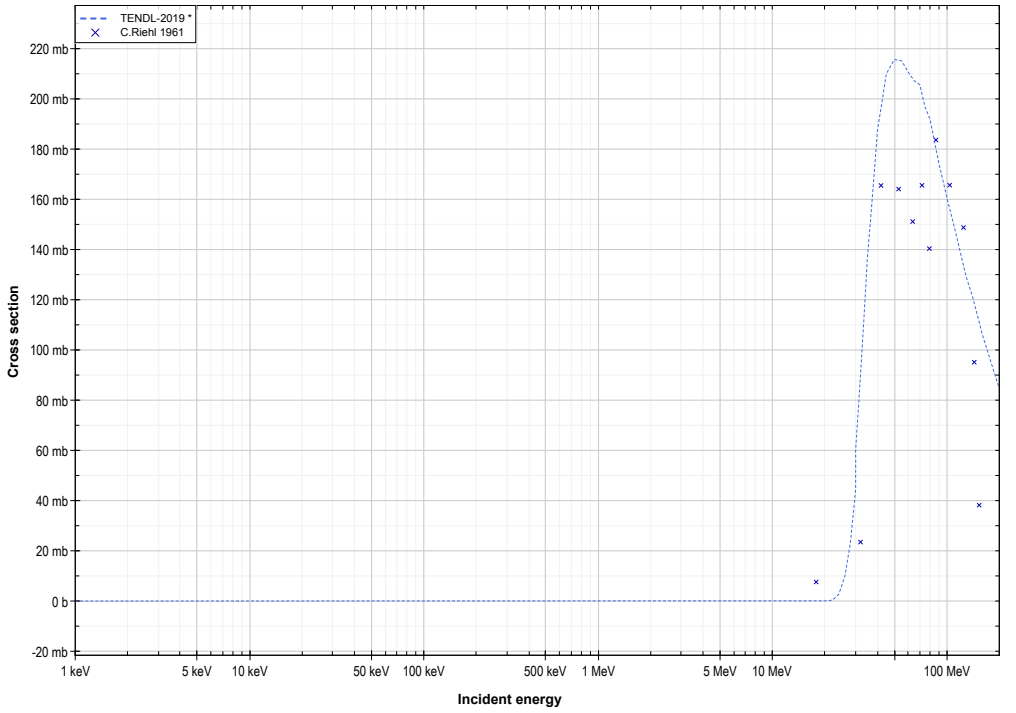
Reaction	Q-Value
Cs133(p,n+t)Cs130	-16903.09 keV
Cs133(p,2n+d)Cs130	-23160.32 keV
Cs133(p,3n+p)Cs130	-25384.88 keV

<< 53-I-127	**55-Cs-133**	79-Au-197 >>
<< MT33 (p,n+t)	**MT41 (p,2n+p) or MT5 (Cs131 production)**	MT42 (p,3n+p) >>

Cs133 (p,2n+p) or Cs131 production log-log



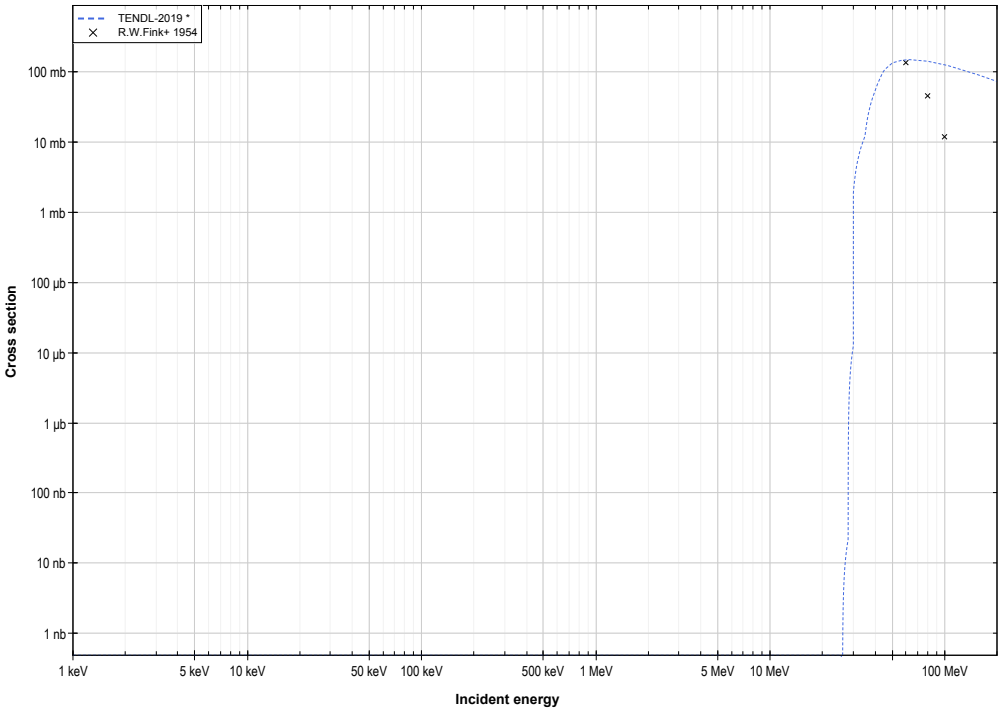
Cs133 (p,2n+p) or Cs131 production lin-log



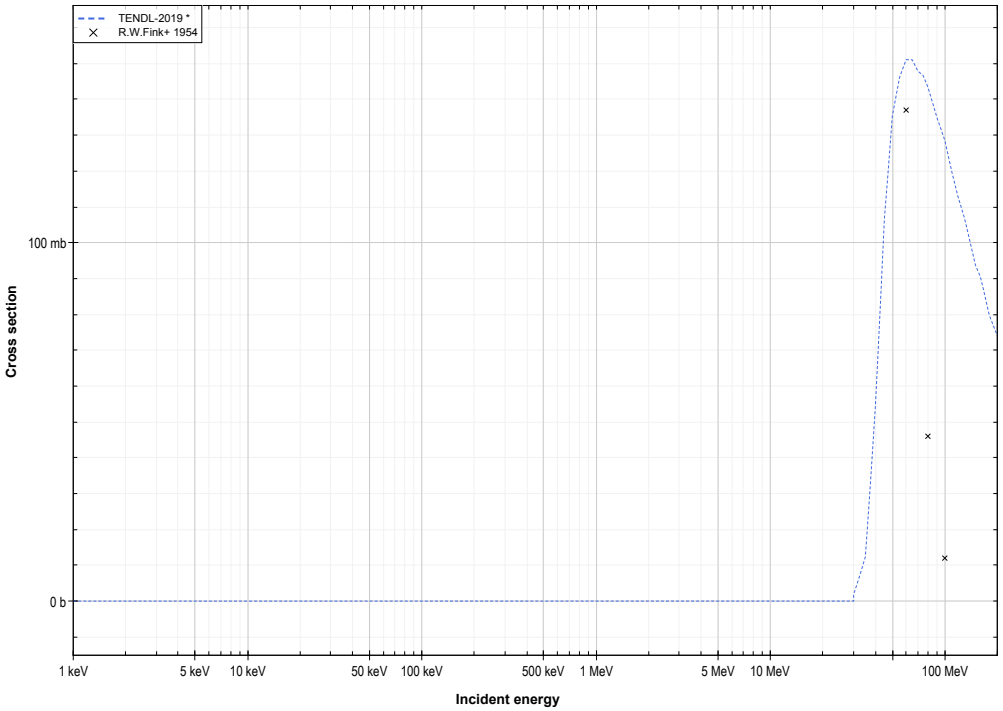
Reaction	Q-Value
Cs133(p,t)Cs131	-7672.77 keV
Cs133(p,n+d)Cs131	-13930.00 keV
Cs133(p,2n+p)Cs131	-16154.57 keV

<< 53-I-127	**55-Cs-133**	65-Tb-159 >>
<< MT41 (p,2n+p)	**MT42 (p,3n+p) or MT5 (Cs130 production)**	MT45 (p,n+p+α) >>

Cs133 (p,3n+p) or Cs130 production log-log



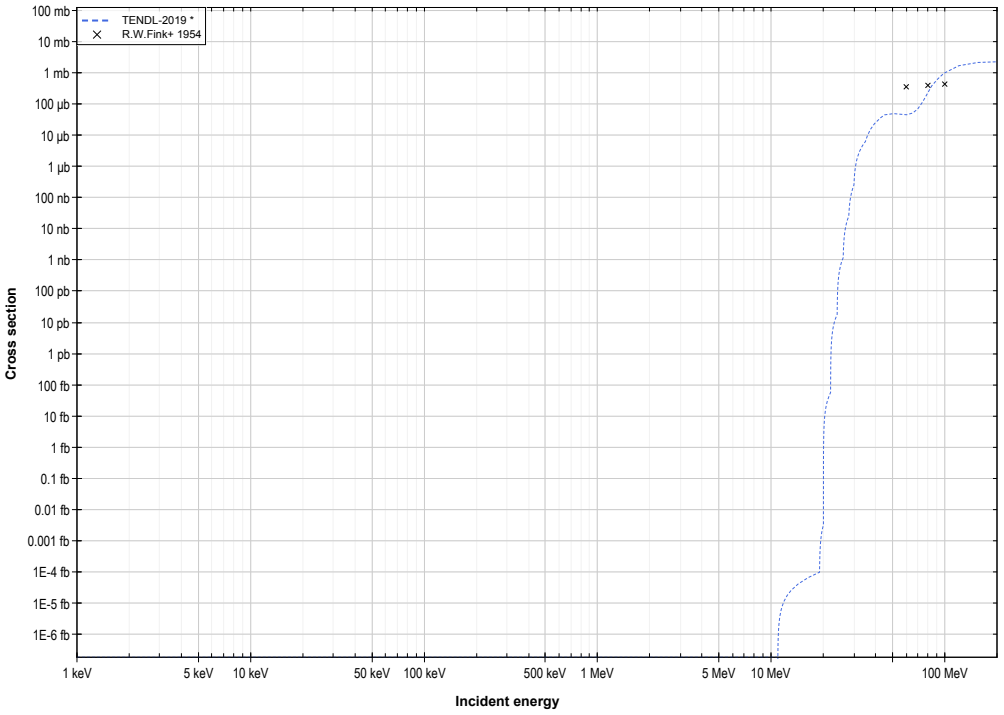
Cs133 (p,3n+p) or Cs130 production lin-log



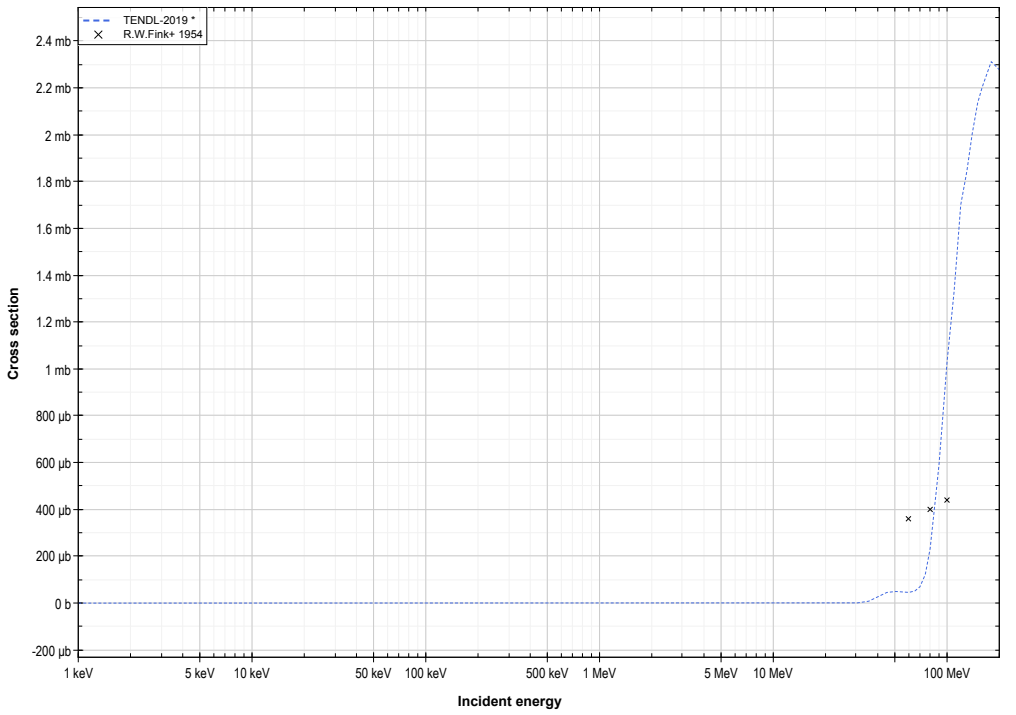
Reaction	Q-Value
Cs133(p,n+t)Cs130	-16903.09 keV
Cs133(p,2n+d)Cs130	-23160.32 keV
Cs133(p,3n+p)Cs130	-25384.88 keV

<< 53-I-127	**55-Cs-133**	57-La-139 >>
<< MT42 (p,3n+p)	**MT45 (p,n+p+α) or MT5 (I128 production)**	MT104 (p,d) >>

Cs133 (p,n+p+α) or I128 production log-log



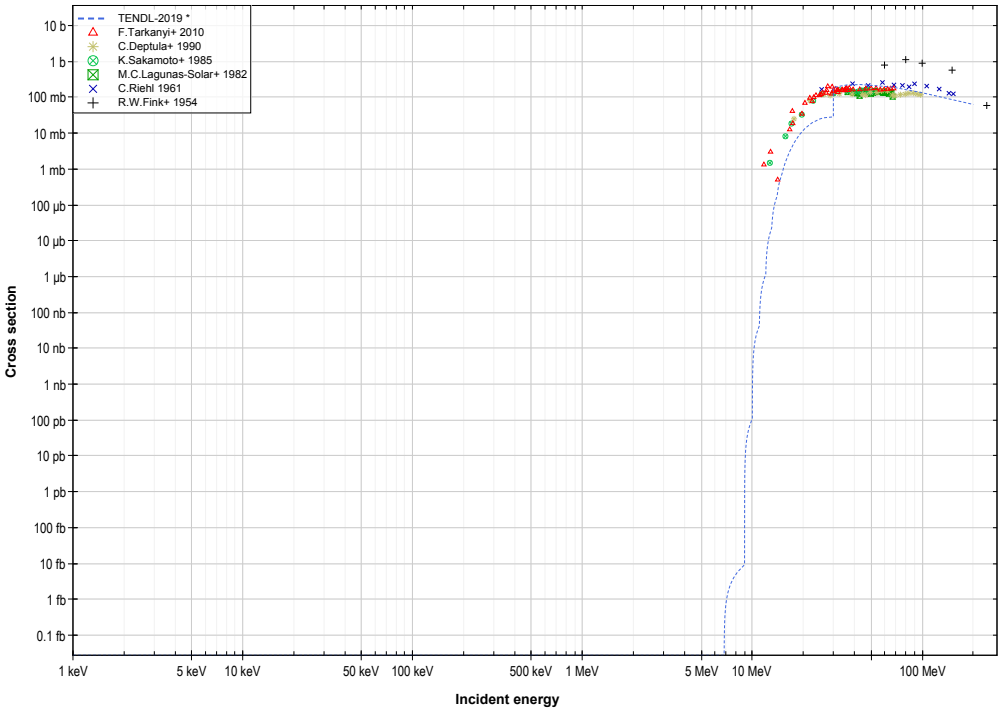
Cs133 (p,n+p+α) or I128 production lin-log



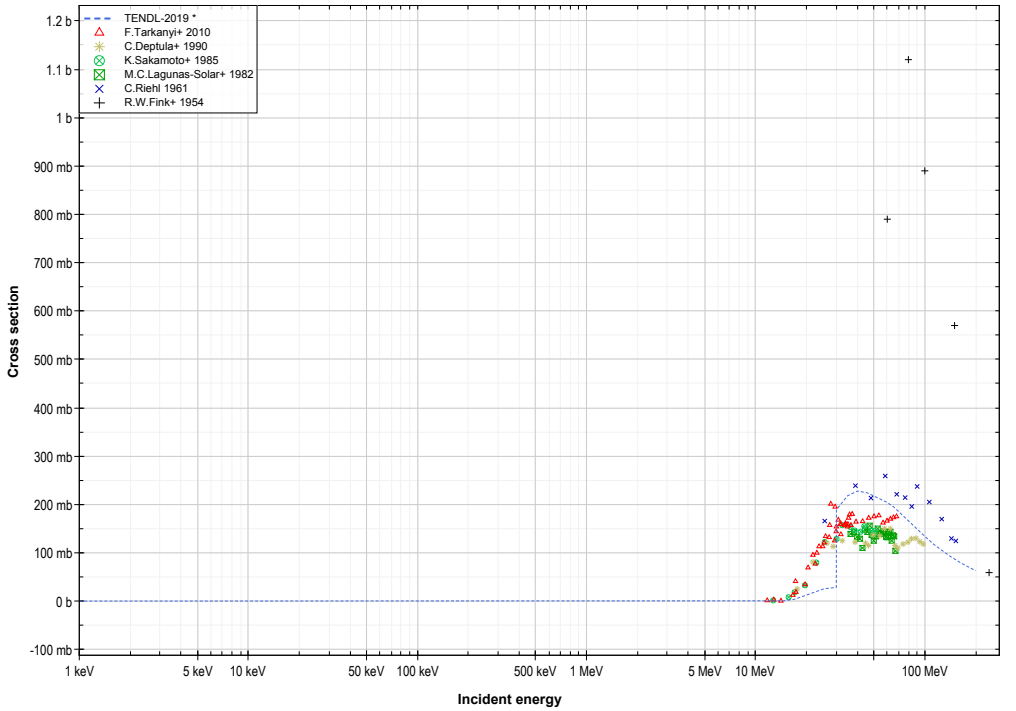
Reaction	Q-Value	Reaction	Q-Value
Cs133(p,d+α)I128	-8603.60 keV	Cs133(p,n+p+2d)I128	-34674.69 keV
Cs133(p,n+p+α)I128	-10828.16 keV	Cs133(p,2n+2p+d)I128	-36899.26 keV
Cs133(p,t+He3)I128	-22923.99 keV	Cs133(p,3n+3p)I128	-39123.82 keV
Cs133(p,p+d+t)I128	-28417.46 keV		
Cs133(p,n+d+He3)I128	-29181.22 keV		
Cs133(p,n+2p+t)I128	-30642.03 keV		
Cs133(p,2n+p+He3)I128	-31405.78 keV		
Cs133(p,3d)I128	-32450.13 keV		

<< 53-I-127	**55-Cs-133**	58-Ce-142 >>
<< MT45 (p,n+p+α)	**MT104 (p,d) or MT5 (Cs132 production)**	MT105 (p,t) >>

Cs133 (p,d) or Cs132 production log-log



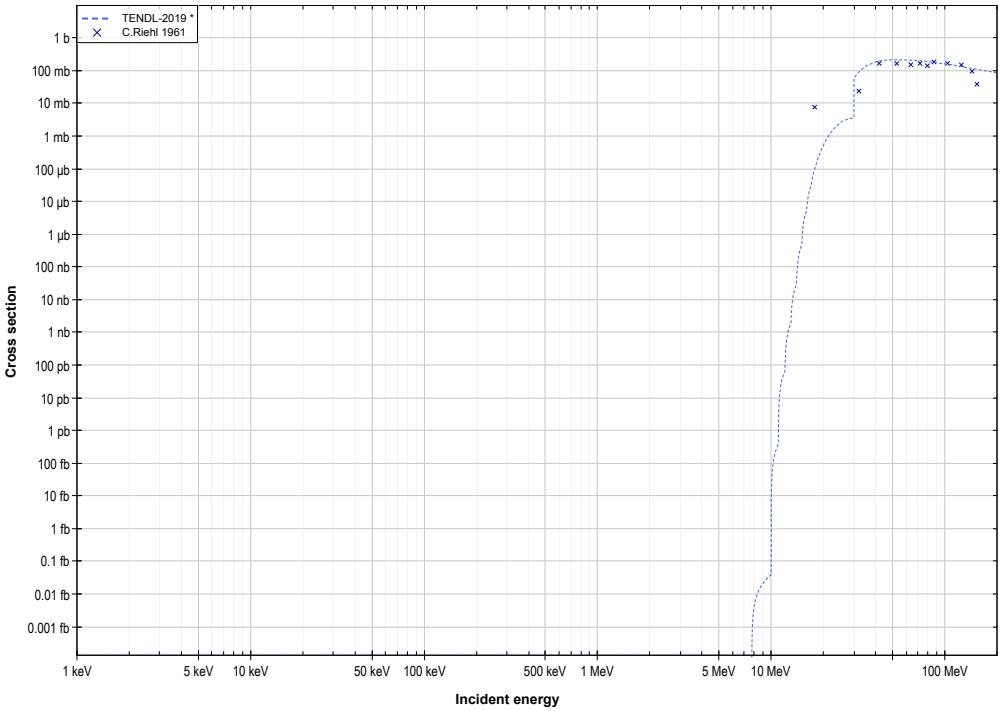
Cs133 (p,d) or Cs132 production lin-log



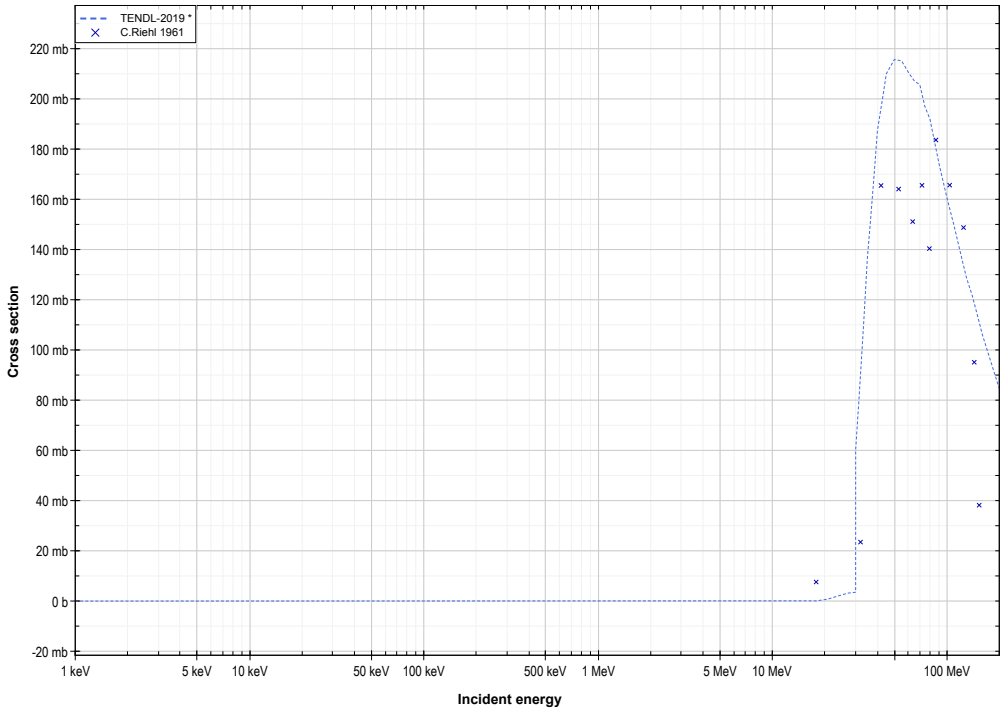
Reaction	Q-Value
Cs133(p,d)Cs132	-6764.98 keV
Cs133(p,n+p)Cs132	-8989.55 keV

<< 53-I-127	**55-Cs-133**	79-Au-197 >>
<< MT104 (p,d)	**MT105 (p,t) or MT5 (Cs131 production)**	MT117 (p,d+α) >>

Cs133 (p,t) or Cs131 production log-log



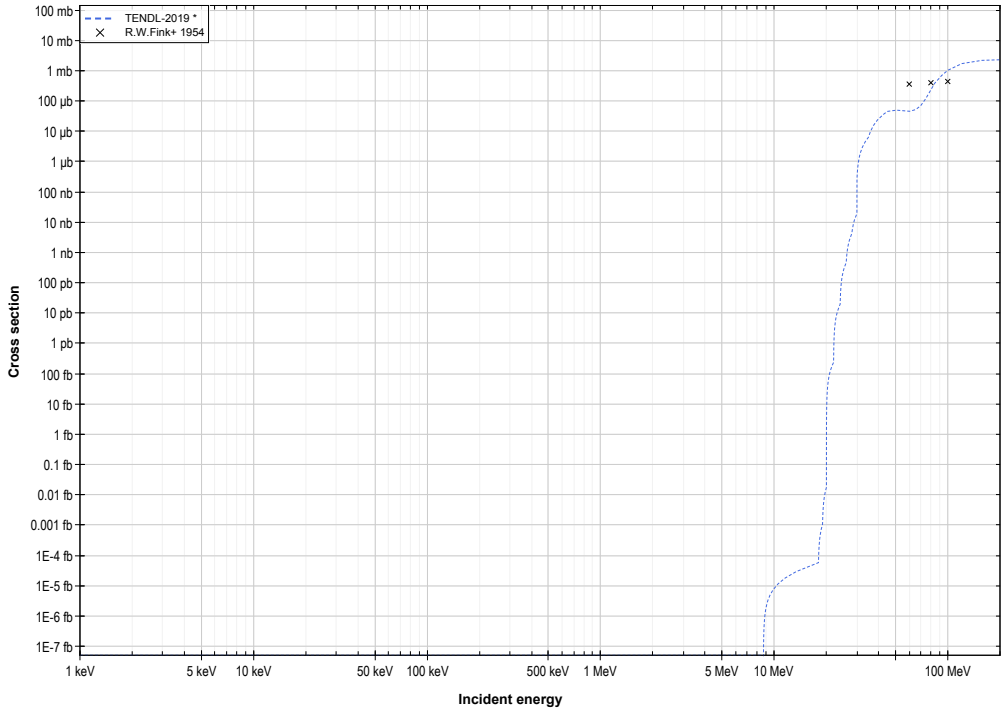
Cs133 (p,t) or Cs131 production lin-log



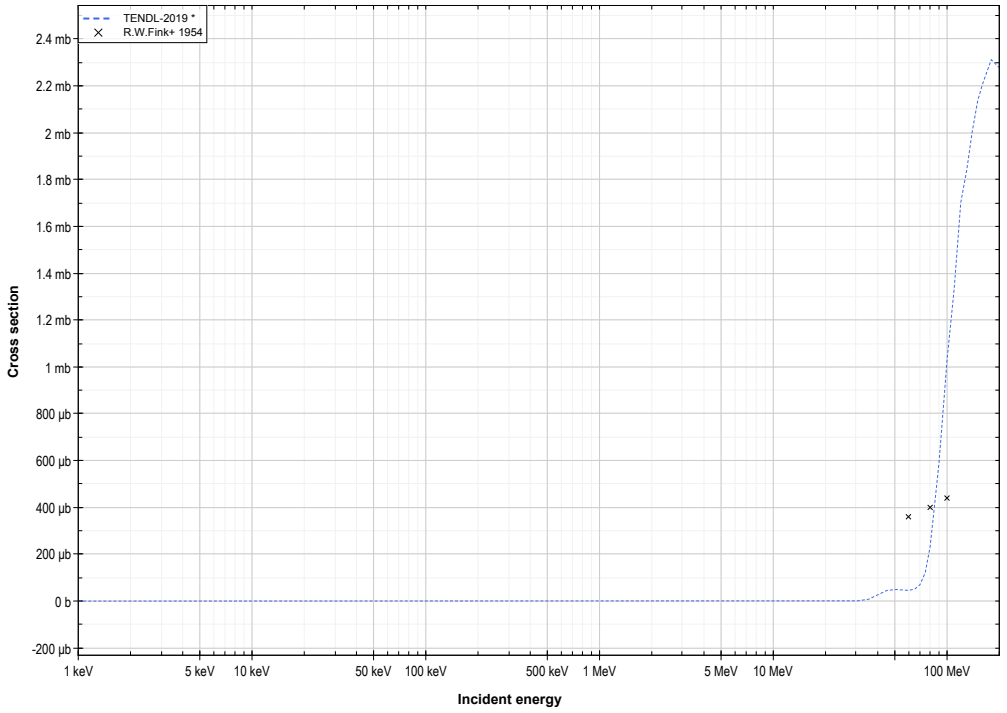
Reaction	Q-Value
Cs133(p,t)Cs131	-7672.77 keV
Cs133(p,n+d)Cs131	-13930.00 keV
Cs133(p,2n+p)Cs131	-16154.57 keV

<< 53-I-127	**55-Cs-133**	57-La-139 >>
<< MT105 (p,t)	**MT117 (p,d+α) or MT5 (I128 production)**	MT152 (p,5n) >>

Cs133 (p,d+α) or I128 production log-log



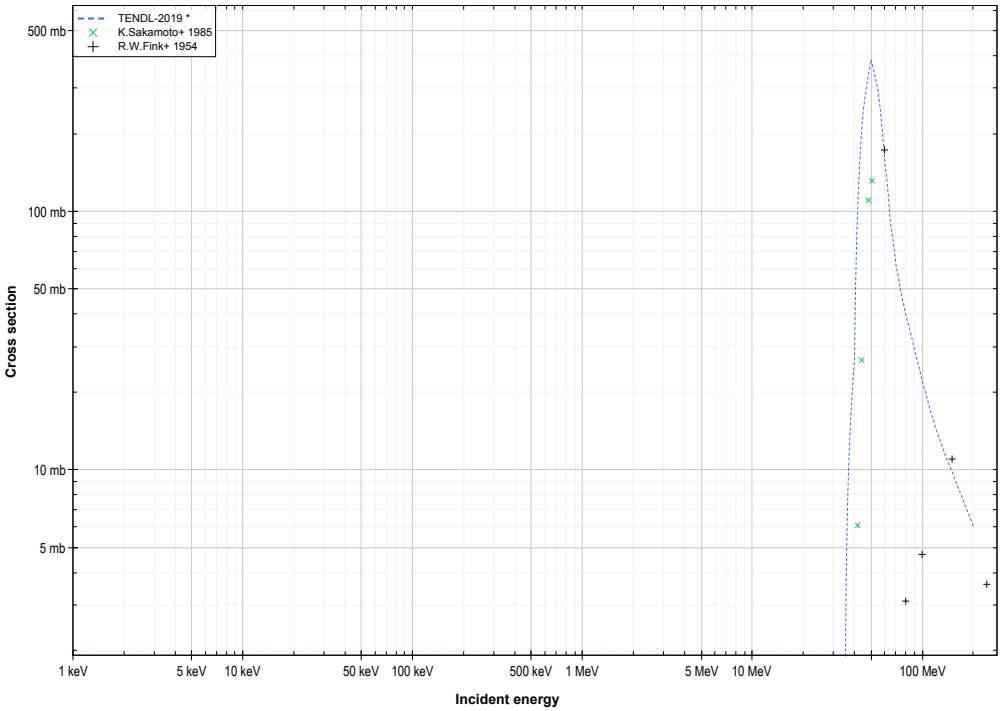
Cs133 (p,d+α) or I128 production lin-log



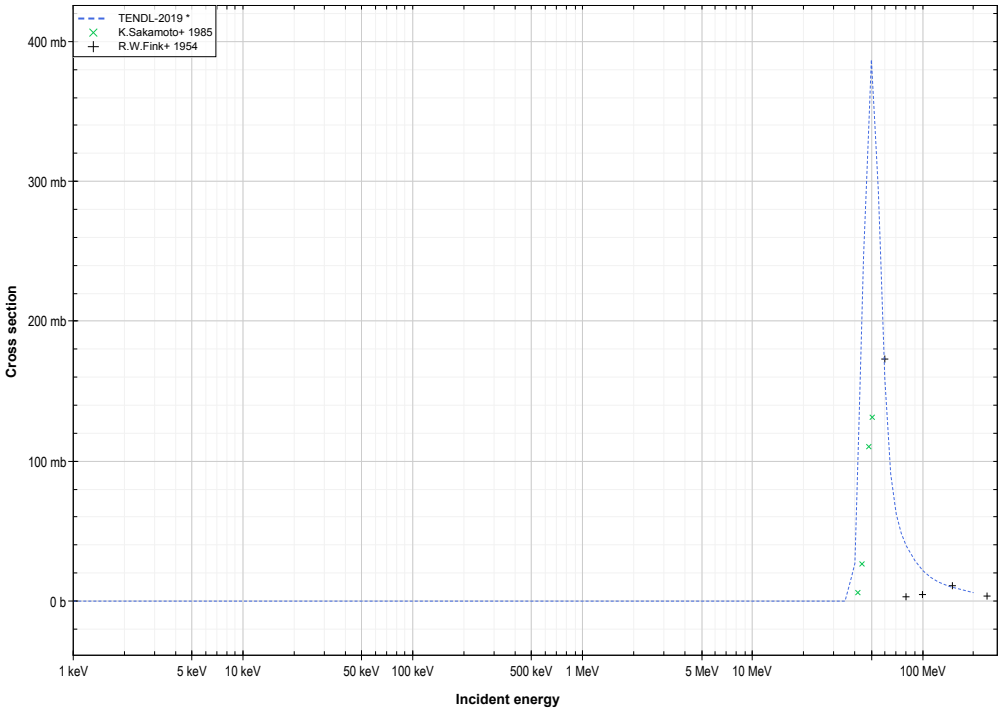
Reaction	Q-Value	Reaction	Q-Value
Cs133(p,d+α)I128	-8603.60 keV	Cs133(p,n+p+2d)I128	-34674.69 keV
Cs133(p,n+p+α)I128	-10828.16 keV	Cs133(p,2n+2p+d)I128	-36899.26 keV
Cs133(p,t+He3)I128	-22923.99 keV	Cs133(p,3n+3p)I128	-39123.82 keV
Cs133(p,p+d+t)I128	-28417.46 keV		
Cs133(p,n+d+He3)I128	-29181.22 keV		
Cs133(p,n+2p+t)I128	-30642.03 keV		
Cs133(p,2n+p+He3)I128	-31405.78 keV		
Cs133(p,3d)I128	-32450.13 keV		

<< 53-I-127	**55-Cs-133**	57-La-139 >>
<< MT117 (p,d+α)	**MT152 (p,5n) or MT5 (Ba129 production)**	MT153 (p,6n) >>

Cs133 (p,5n) or Ba129 production log-log



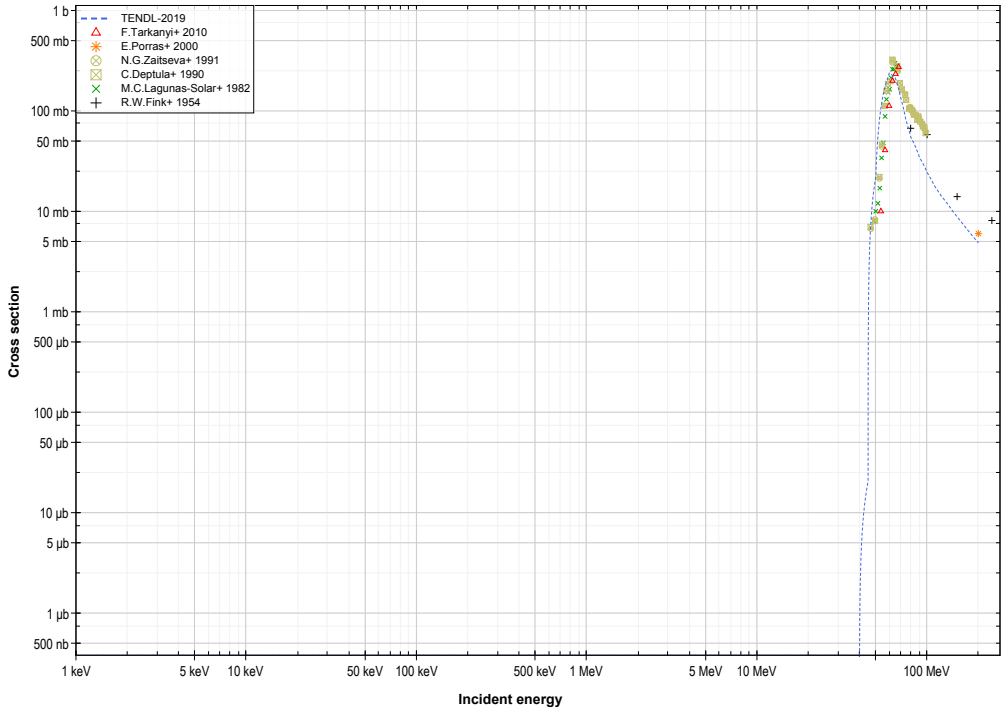
Cs133 (p,5n) or Ba129 production lin-log



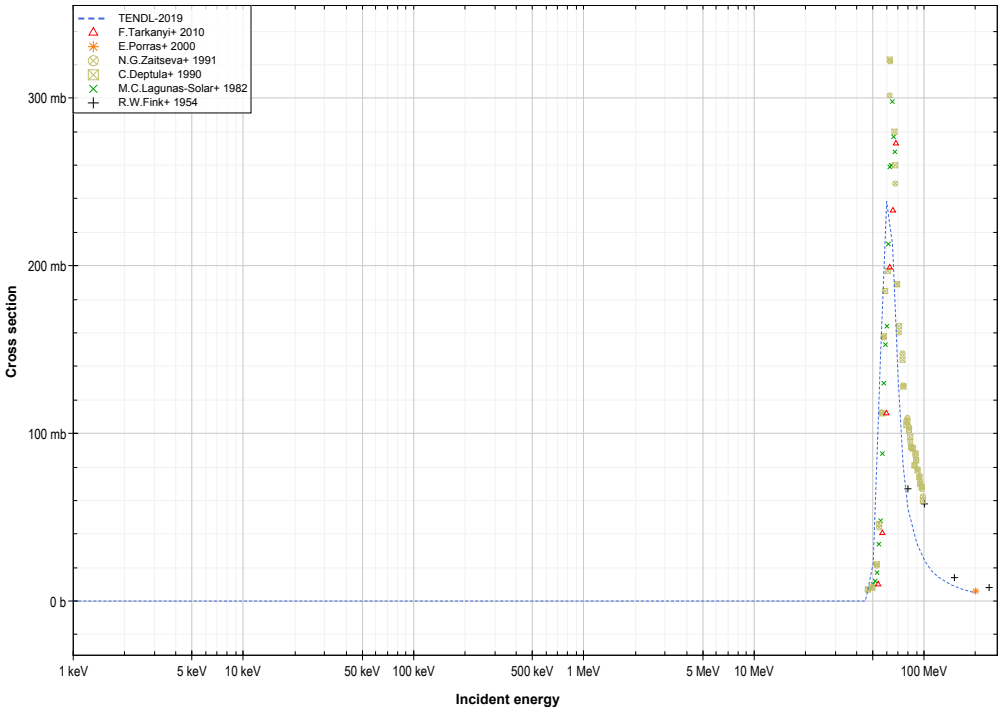
Reaction	Q-Value
Cs133(p,5n)Ba129	-36075.55 keV

<< 53-I-127	**55-Cs-133**	57-La-139 >>
<< MT152 (p,5n)	**MT153 (p,6n) or MT5 (Ba128 production)**	MT154 (p,2n+t) >>

Cs133 (p,6n) or Ba128 production log-log



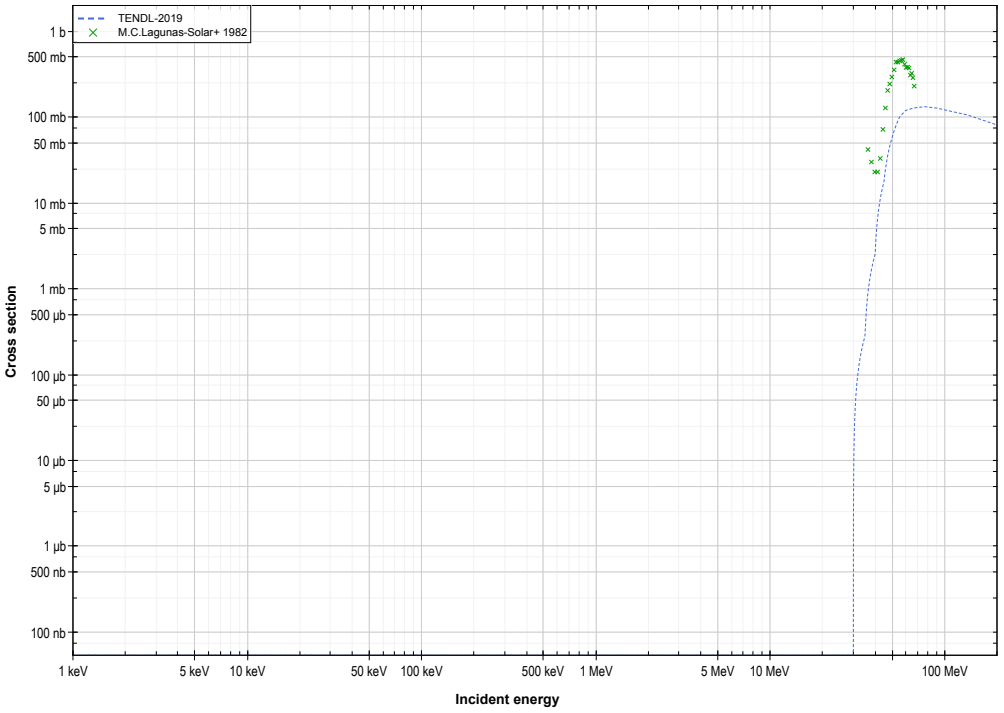
Cs133 (p,6n) or Ba128 production lin-log



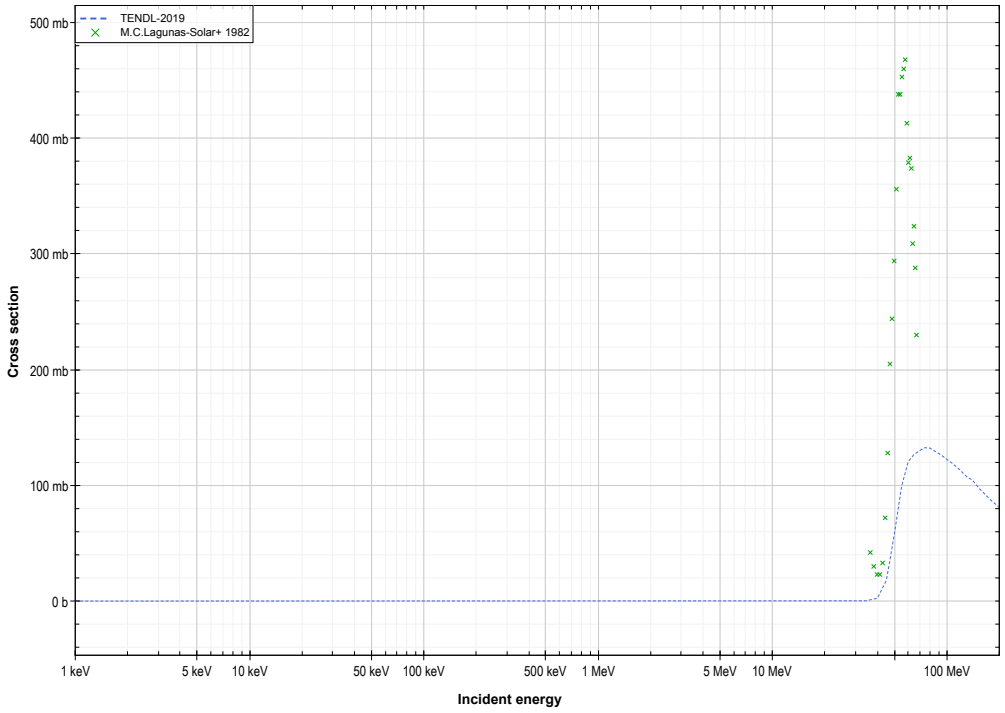
Reaction	Q-Value
Cs133(p,6n)Ba128	-43831.86 keV

<< 53-I-127	**55-Cs-133**	57-La-139 >>
<< MT153 (p,6n)	**MT154 (p,2n+t) or MT5 (Cs129 production)**	MT156 (p,4n+p) >>

Cs133 (p,2n+t) or Cs129 production log-log



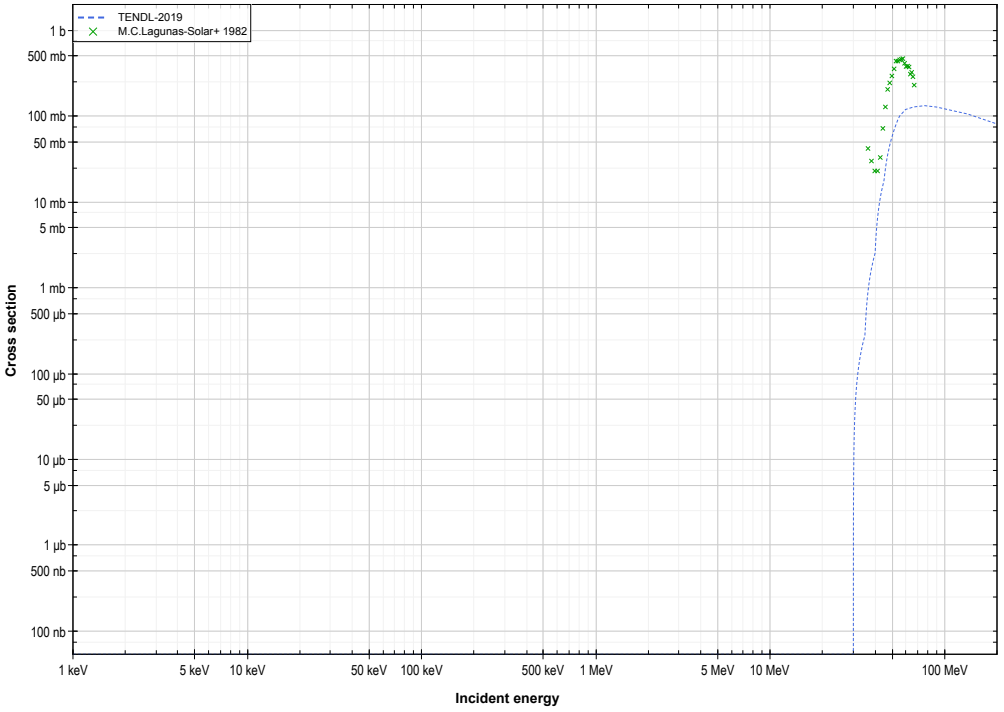
Cs133 (p,2n+t) or Cs129 production lin-log



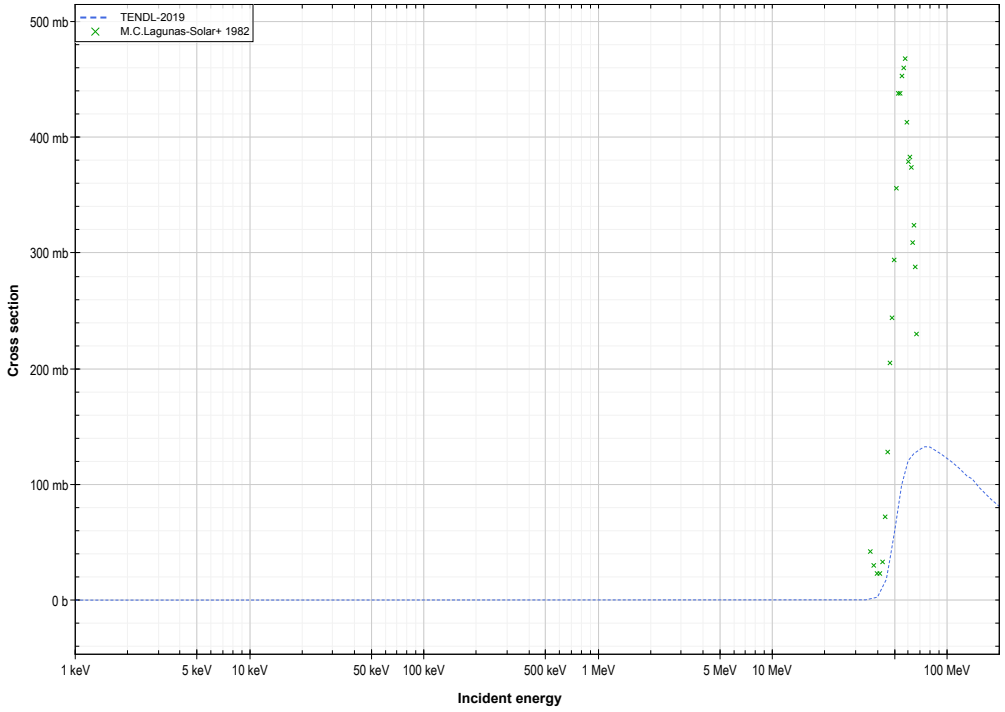
Reaction	Q-Value
Cs133(p,2n+t)Cs129	-24375.40 keV
Cs133(p,3n+d)Cs129	-30632.63 keV
Cs133(p,4n+p)Cs129	-32857.20 keV

<< 53-I-127	**55-Cs-133**	57-La-139 >>
<< MT154 (p,2n+t)	**MT156 (p,4n+p) or MT5 (Cs129 production)**	MT157 (p,3n+d) >>

Cs133 (p,4n+p) or Cs129 production log-log



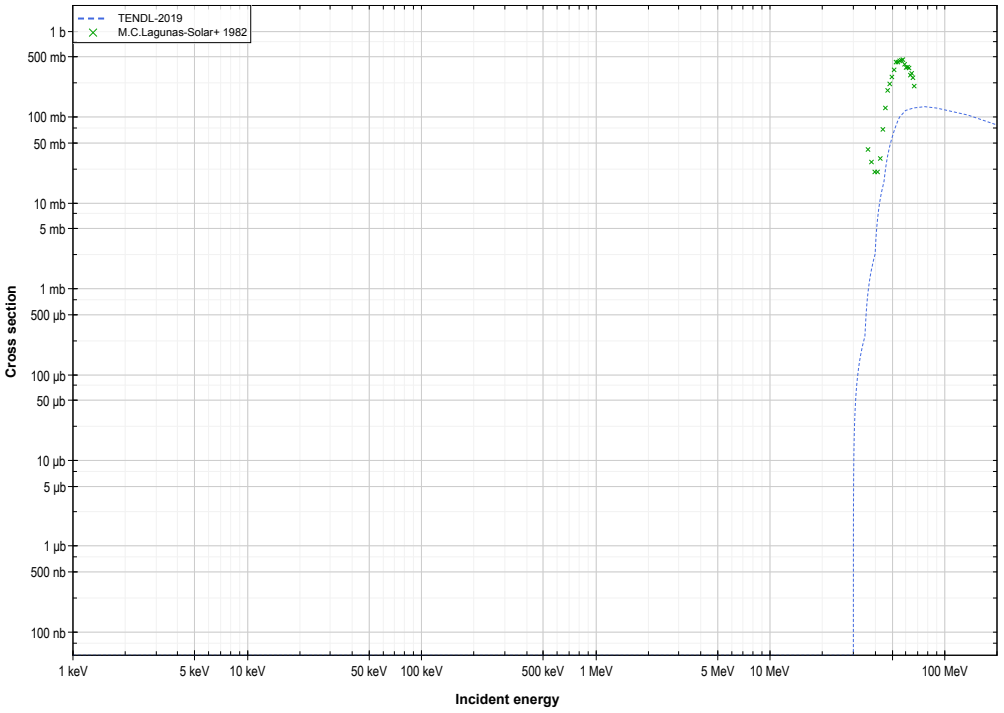
Cs133 (p,4n+p) or Cs129 production lin-log



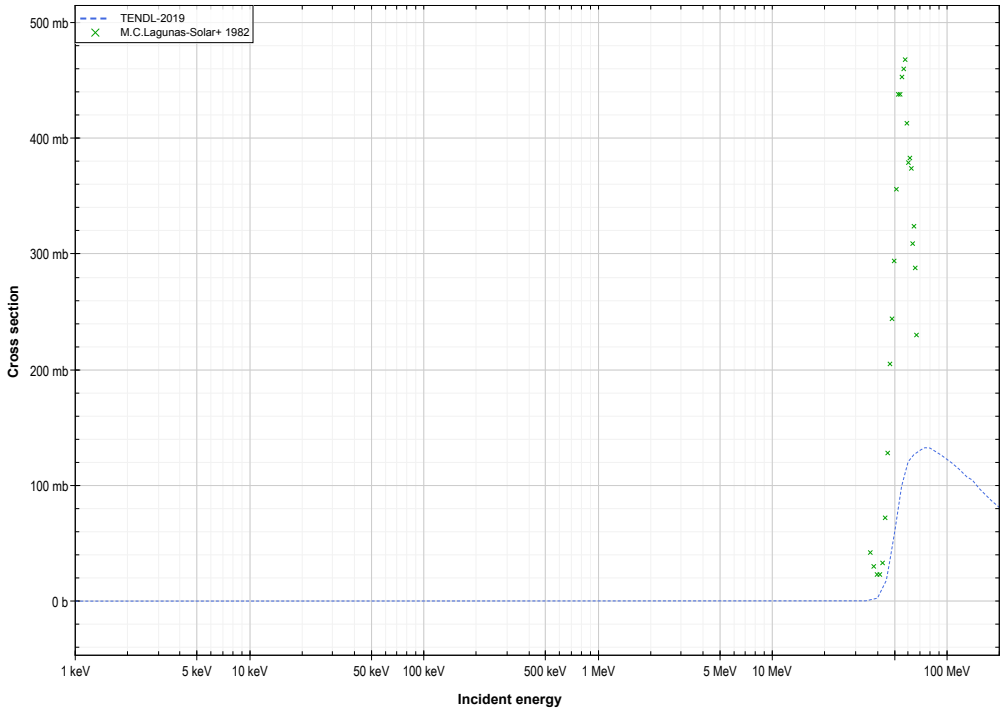
Reaction	Q-Value
Cs133(p,2n+t)Cs129	-24375.40 keV
Cs133(p,3n+d)Cs129	-30632.63 keV
Cs133(p,4n+p)Cs129	-32857.20 keV

<< 53-I-127	**55-Cs-133**	57-La-139 >>
<< MT156 (p,4n+p)	**MT157 (p,3n+d) or MT5 (Cs129 production)**	MT181 (p,3n+p+α) >>

Cs133 (p,3n+d) or Cs129 production log-log



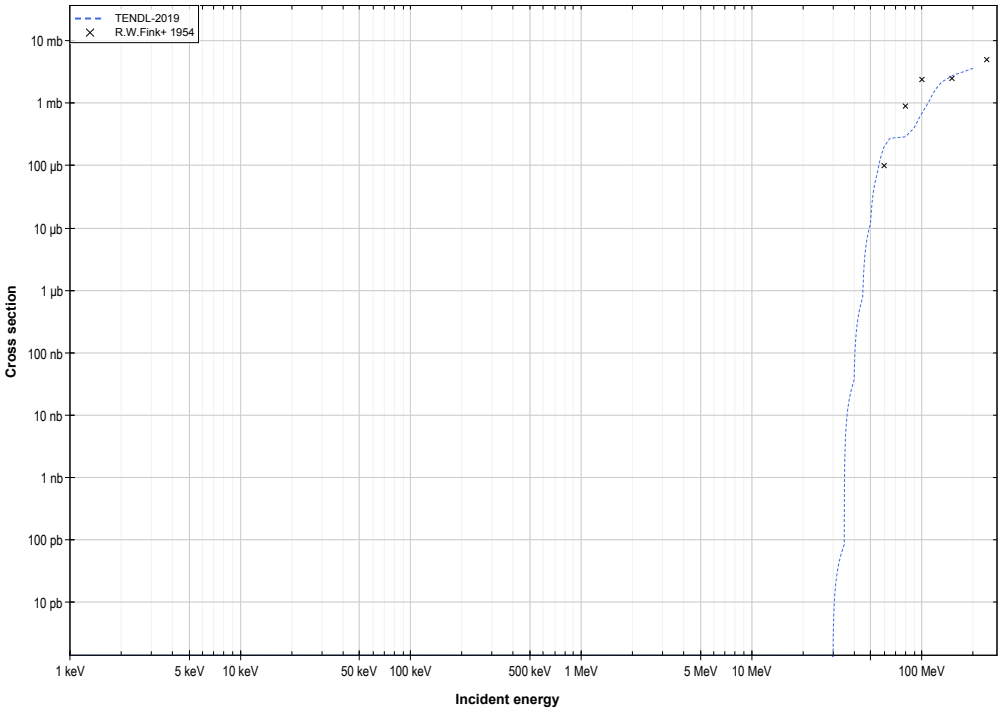
Cs133 (p,3n+d) or Cs129 production lin-log



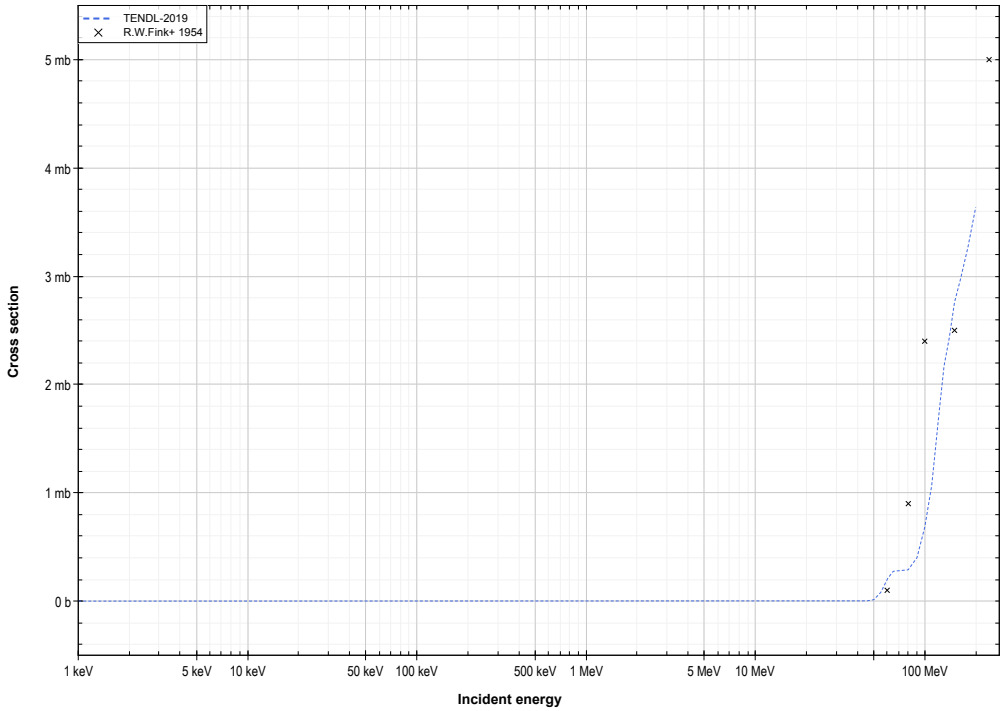
Reaction	Q-Value
Cs133(p,2n+t)Cs129	-24375.40 keV
Cs133(p,3n+d)Cs129	-30632.63 keV
Cs133(p,4n+p)Cs129	-32857.20 keV

<< 45-Rh-103	**55-Cs-133**	57-La-139 >>
<< MT157 (p,3n+d)	**MT181 (p,3n+p+α) or MT5 (I126 production)**	MT187 (p,n+d+³He) >>

Cs133 (p,3n+p+α) or I126 production log-log



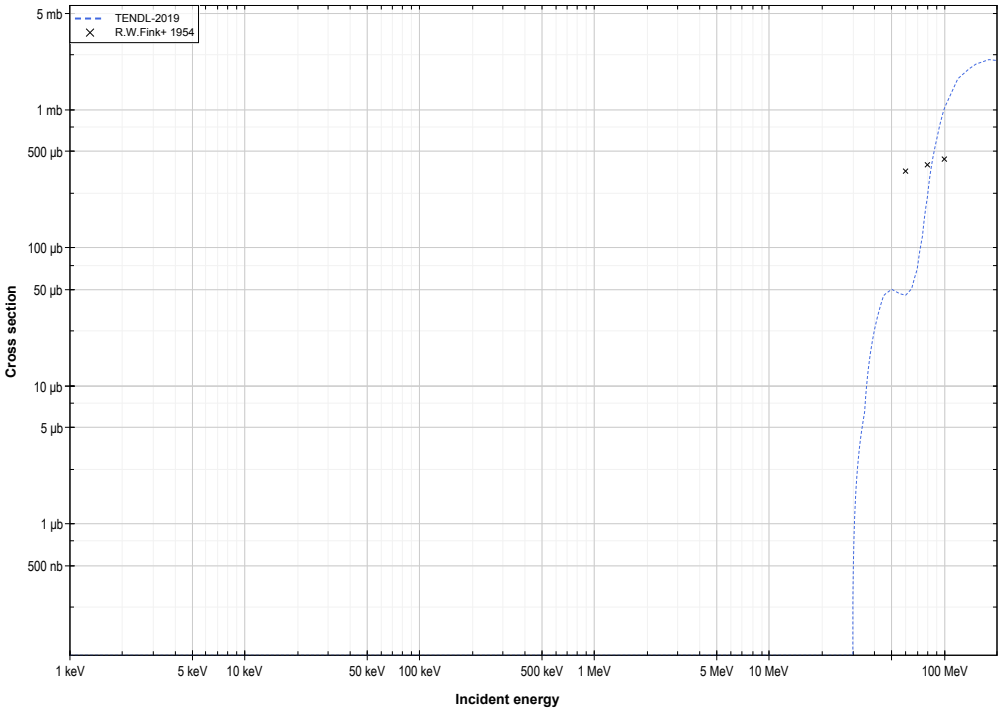
Cs133 (p,3n+p+α) or I126 production lin-log



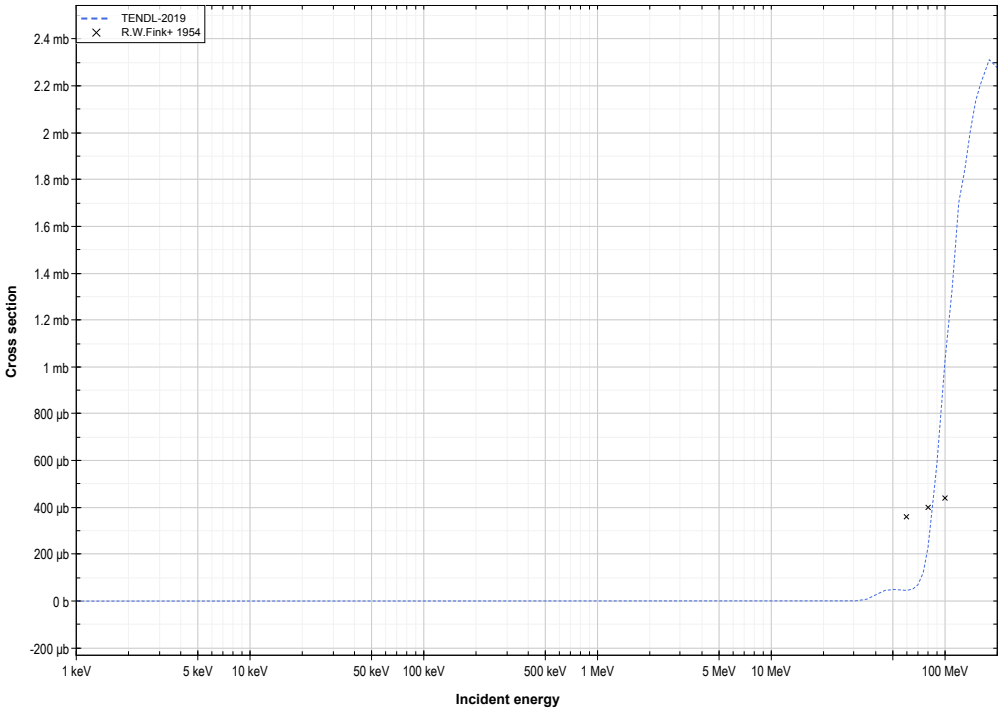
Reaction	Q-Value	Reaction	Q-Value
Cs133(p,n+t+α)I126	-18317.00 keV	Cs133(p,3n+d+He3)I126	-45151.85 keV
Cs133(p,2n+d+α)I126	-24574.23 keV	Cs133(p,3n+2p+t)I126	-46612.66 keV
Cs133(p,3n+p+α)I126	-26798.80 keV	Cs133(p,4n+p+He3)I126	-47376.42 keV
Cs133(p,d+2t)I126	-35906.30 keV	Cs133(p,2n+3d)I126	-48420.76 keV
Cs133(p,n+p+2t)I126	-38130.87 keV	Cs133(p,3n+p+2d)I126	-50645.33 keV
Cs133(p,2n+t+He3)I126	-38894.62 keV	Cs133(p,4n+2p+d)I126	-52869.89 keV
Cs133(p,n+2d+t)I126	-42163.53 keV	Cs133(p,5n+3p)I126	-55094.46 keV
Cs133(p,2n+p+d+t)I126	-44388.10 keV		

<< 53-I-127	**55-Cs-133**	57-La-139 >>
<< MT181 (p,3n+p+α)	**MT187 (p,n+d+³He) or MT5 (I128 production)**	MT189 (p,n+t+a) >>

Cs133 (p,n+d+³He) or I128 production log-log



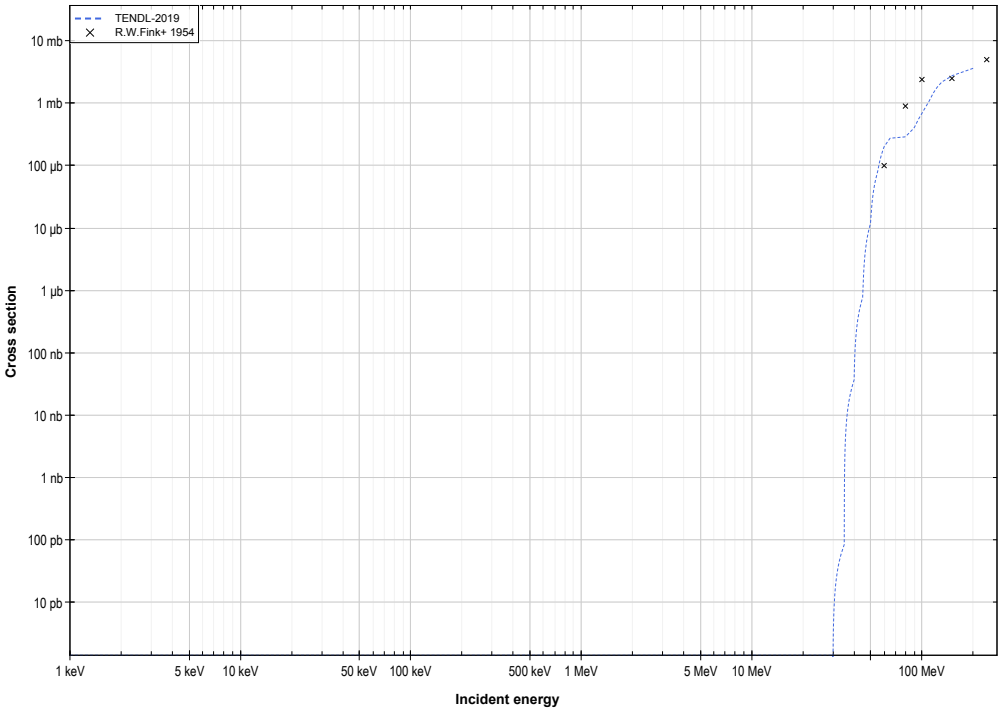
Cs133 (p,n+d+³He) or I128 production lin-log



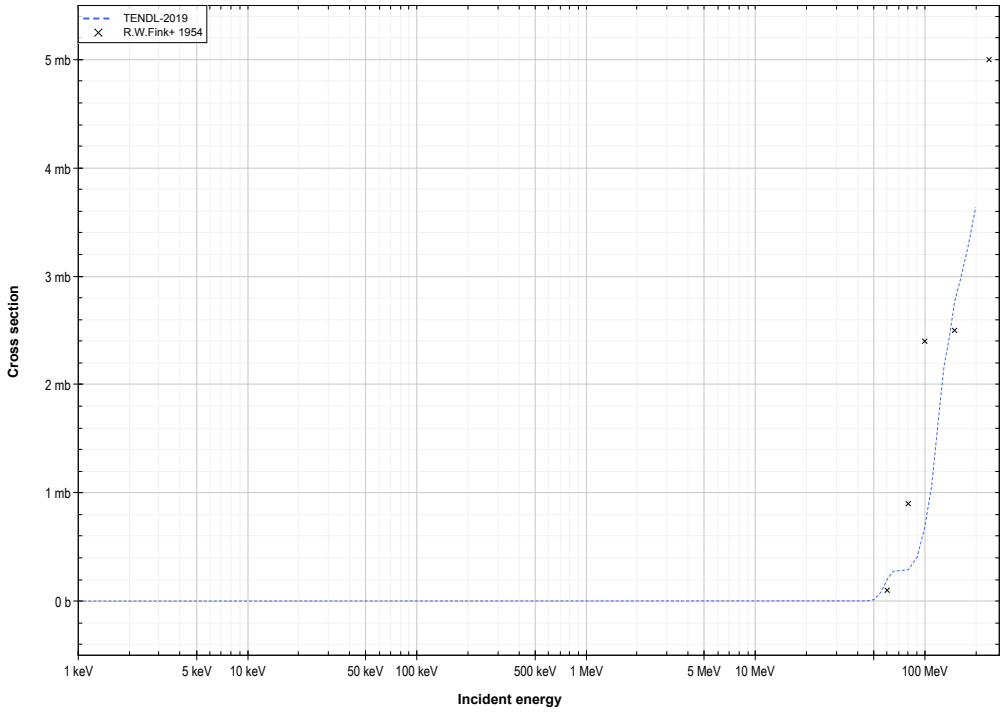
Reaction	Q-Value	Reaction	Q-Value
Cs133(p,d+α)I128	-8603.60 keV	Cs133(p,n+p+2d)I128	-34674.69 keV
Cs133(p,n+p+α)I128	-10828.16 keV	Cs133(p,2n+2p+d)I128	-36899.26 keV
Cs133(p,t+He3)I128	-22923.99 keV	Cs133(p,3n+3p)I128	-39123.82 keV
Cs133(p,p+d+t)I128	-28417.46 keV		
Cs133(p,n+d+He3)I128	-29181.22 keV		
Cs133(p,n+2p+t)I128	-30642.03 keV		
Cs133(p,2n+p+He3)I128	-31405.78 keV		
Cs133(p,3d)I128	-32450.13 keV		

<< 45-Rh-103	**55-Cs-133**	57-La-139 >>
<< MT187 (p,n+d+^{3}He)	**MT189 (p,n+t+a) or MT5 (I126 production)**	MT191 (p,p+^{3}He) >>

Cs133 (p,n+t+a) or I126 production log-log



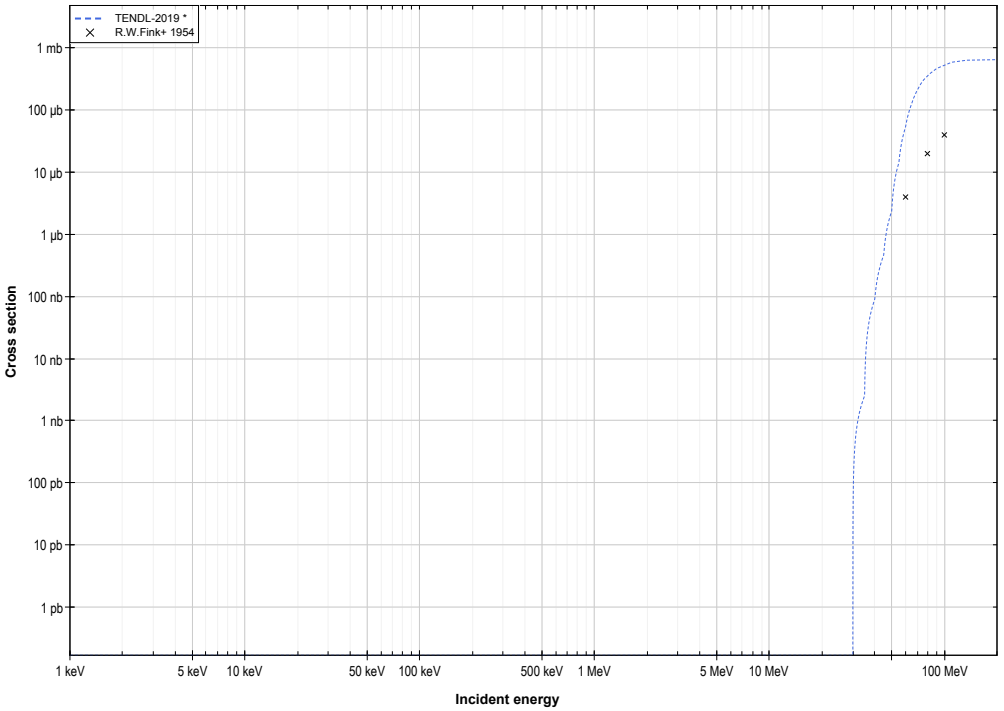
Cs133 (p,n+t+a) or I126 production lin-log



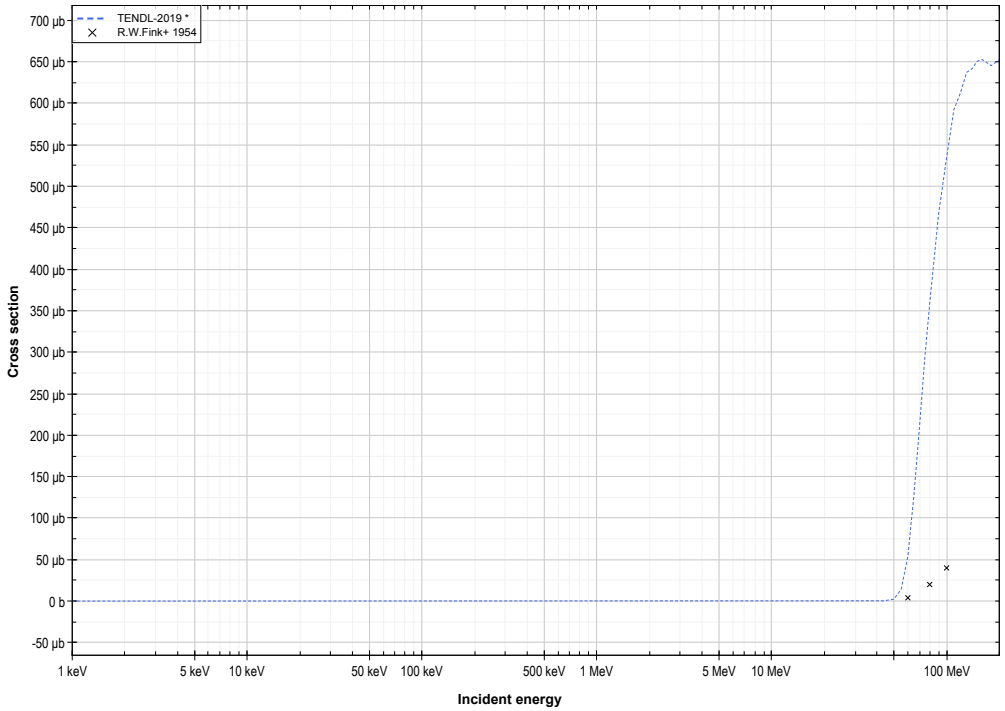
Reaction	Q-Value	Reaction	Q-Value
Cs133(p,n+t+α)I126	-18317.00 keV	Cs133(p,3n+d+He3)I126	-45151.85 keV
Cs133(p,2n+d+α)I126	-24574.23 keV	Cs133(p,3n+2p+t)I126	-46612.66 keV
Cs133(p,3n+p+α)I126	-26798.80 keV	Cs133(p,4n+p+He3)I126	-47376.42 keV
Cs133(p,d+2t)I126	-35906.30 keV	Cs133(p,2n+3d)I126	-48420.76 keV
Cs133(p,n+p+2t)I126	-38130.87 keV	Cs133(p,3n+p+2d)I126	-50645.33 keV
Cs133(p,2n+t+He3)I126	-38894.62 keV	Cs133(p,4n+2p+d)I126	-52869.89 keV
Cs133(p,n+2d+t)I126	-42163.53 keV	Cs133(p,5n+3p)I126	-55094.46 keV
Cs133(p,2n+p+d+t)I126	-44388.10 keV		

<< 53-I-127	**55-Cs-133**	57-La-139 >>
<< MT189 (p,n+t+a)	**MT191 (p,p+³He) or MT5 (I130 production)**	MT198 (p,n+3p) >>

Cs133 (p,p+³He) or I130 production log-log



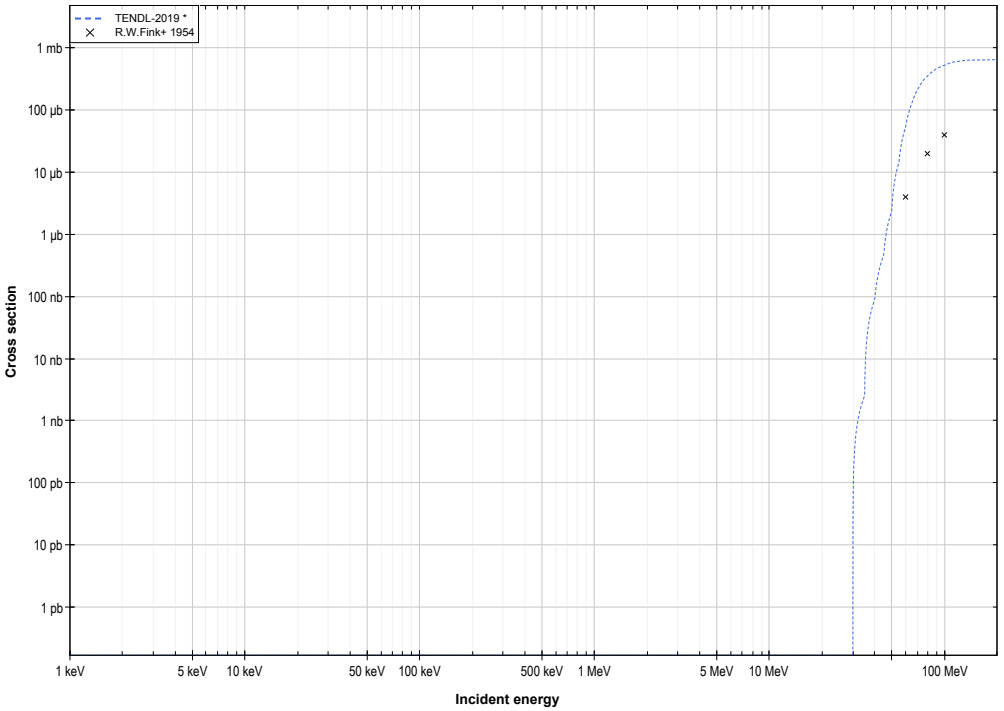
Cs133 (p,p+³He) or I130 production lin-log



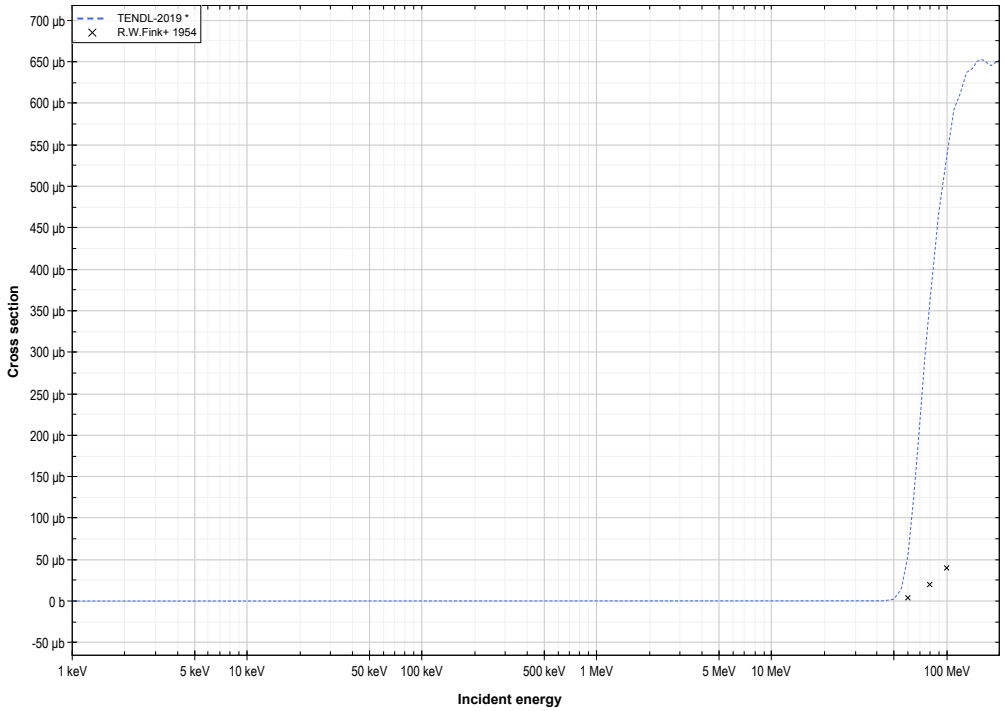
Reaction	Q-Value
Cs133(p,p+He3)I130	-16066.15 keV
Cs133(p,2p+d)I130	-21559.62 keV
Cs133(p,n+3p)I130	-23784.19 keV

<< 53-I-127	**55-Cs-133**	57-La-139 >>
<< MT191 (p,p+^{3}He)	**MT198 (p,n+3p) or MT5 (I130 production)**	56-Ba-134 MT4 (p,n) >>

Cs133 (p,n+3p) or I130 production log-log



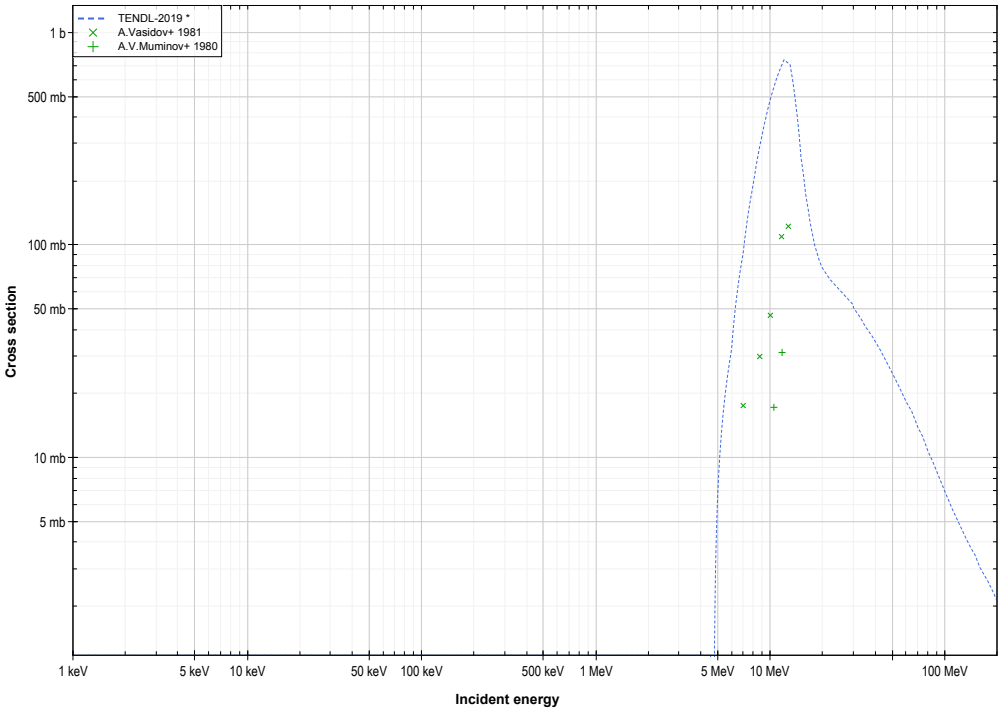
Cs133 (p,n+3p) or I130 production lin-log



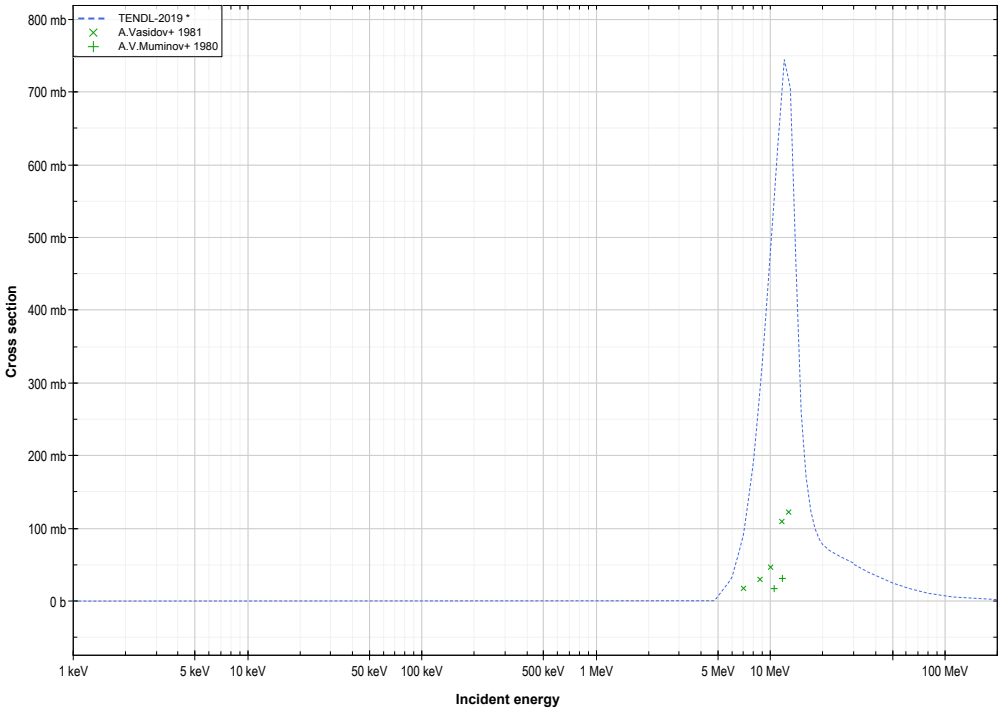
Reaction	Q-Value
Cs133(p,p+He3)I130	-16066.15 keV
Cs133(p,2p+d)I130	-21559.62 keV
Cs133(p,n+3p)I130	-23784.19 keV

<< 55-Cs-133	**56-Ba-134**	57-La-139 >>
<< 55-Cs-133 MT198 (p,n+3p)	**MT4 (p,n) or MT5 (La134 production)**	57-La-139 MT4 (p,n) >>

Ba134 (p,n) or La134 production log-log



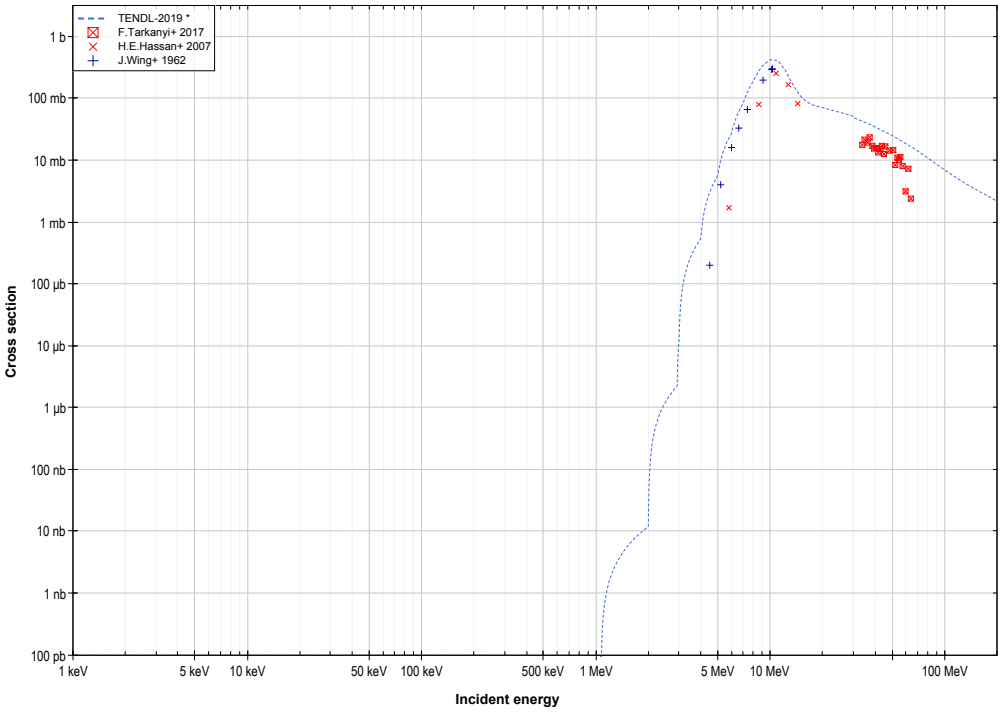
Ba134 (p,n) or La134 production lin-log



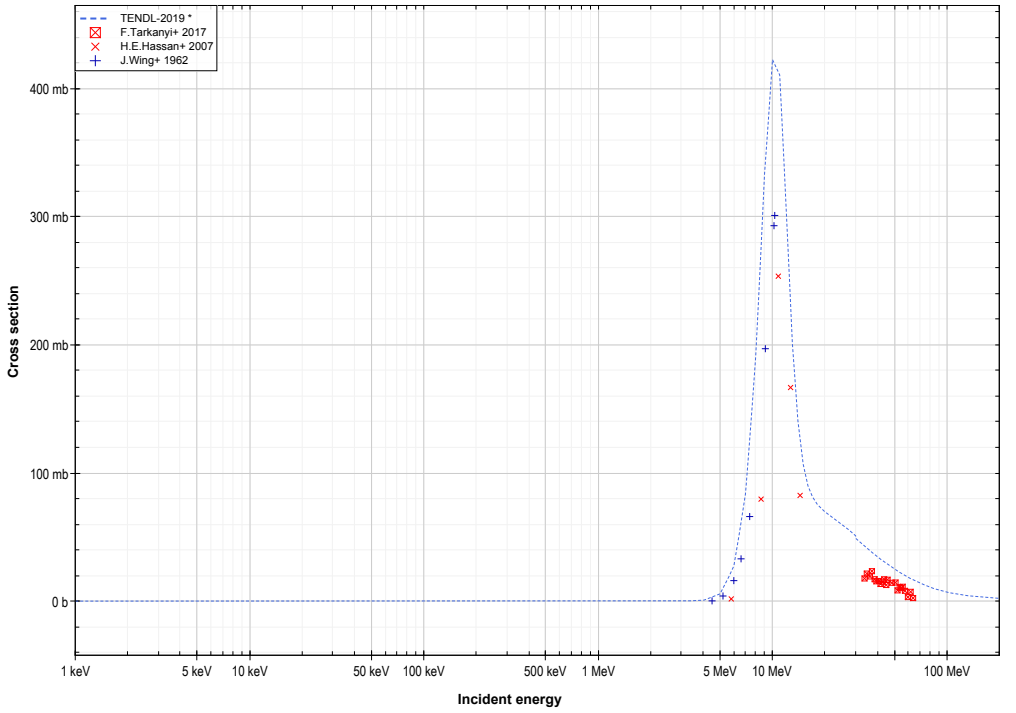
Reaction	Q-Value
Ba134(p,n)La134	-4513.25 keV

<< 56-Ba-134	**57-La-139**	58-Ce-140 >>
<< 56-Ba-134 MT4 (p,n)	**MT4 (p,n) or MT5 (Ce139 production)**	MT17 (p,3n) >>

La139 (p,n) or Ce139 production log-log



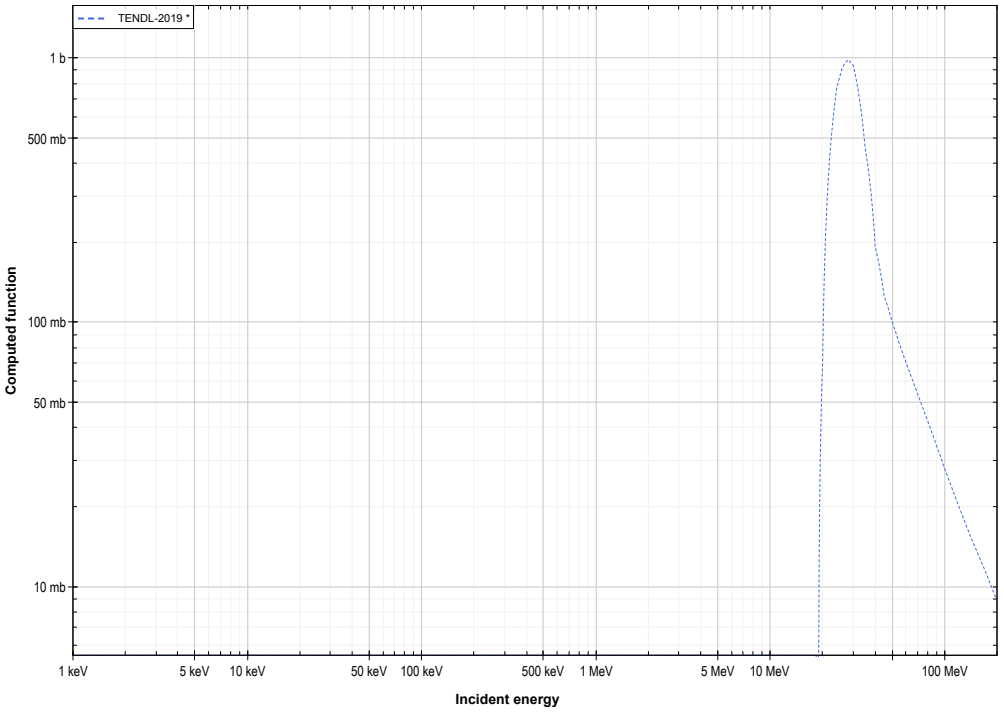
La139 (p,n) or Ce139 production lin-log



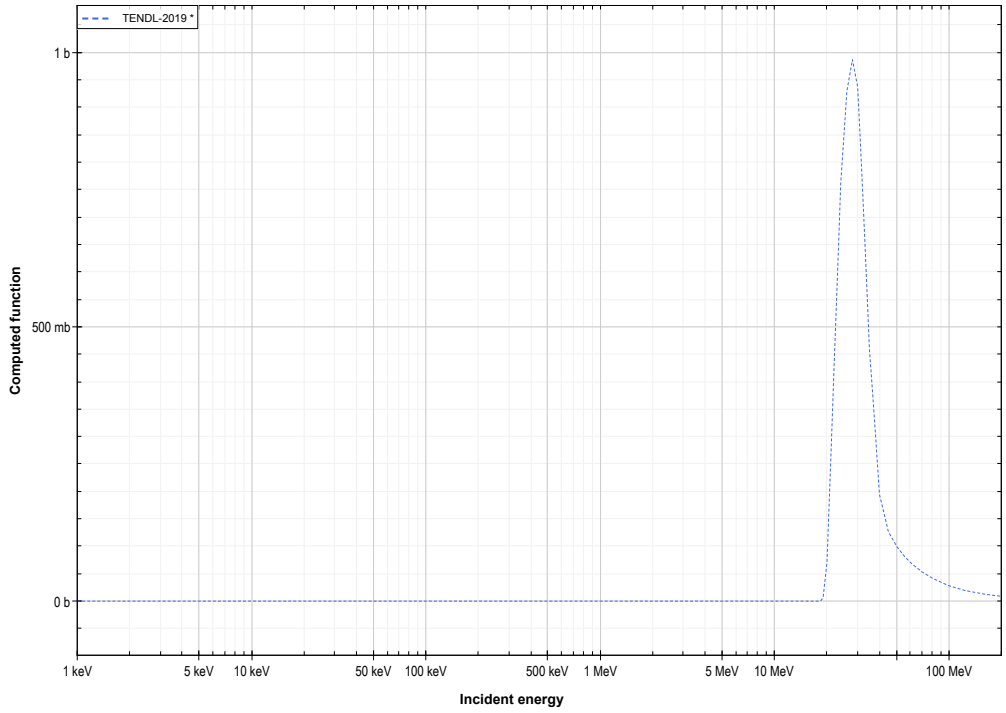
Reaction	Q-Value
La139(p,n)Ce139	-1060.55 keV

<< 55-Cs-133	**57-La-139**	58-Ce-140 >>
<< MT4 (p,n)	**MT17 (p,3n) or MT5 (Ce137 production)**	MT45 (p,n+p+α) >>

La139 (p,3n) or Ce137 production log-log



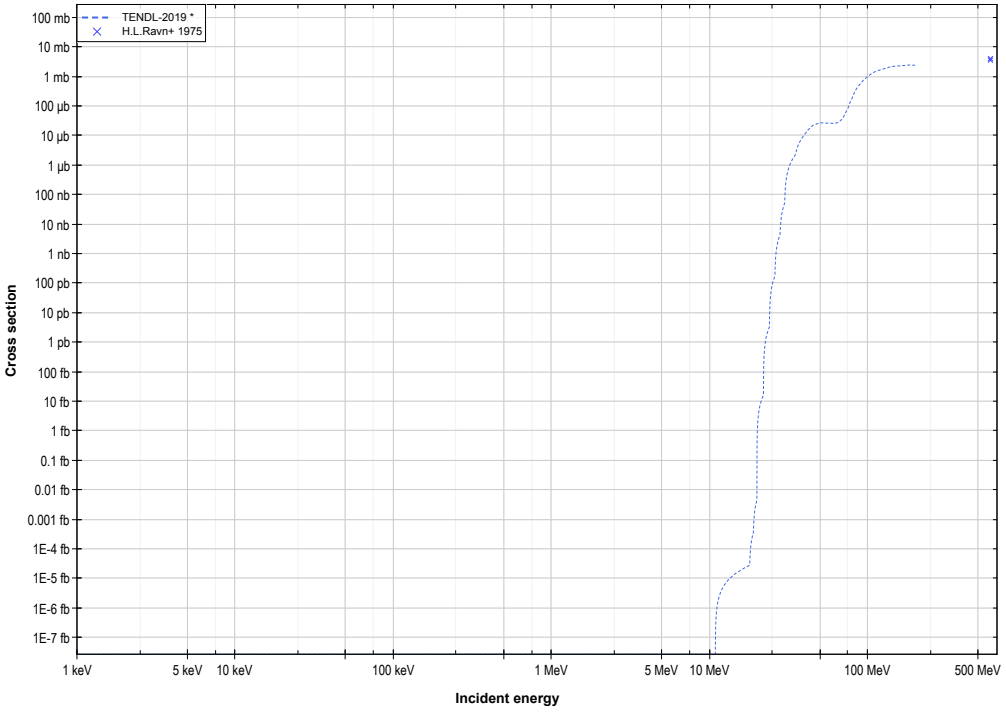
La139 (p,3n) or Ce137 production lin-log



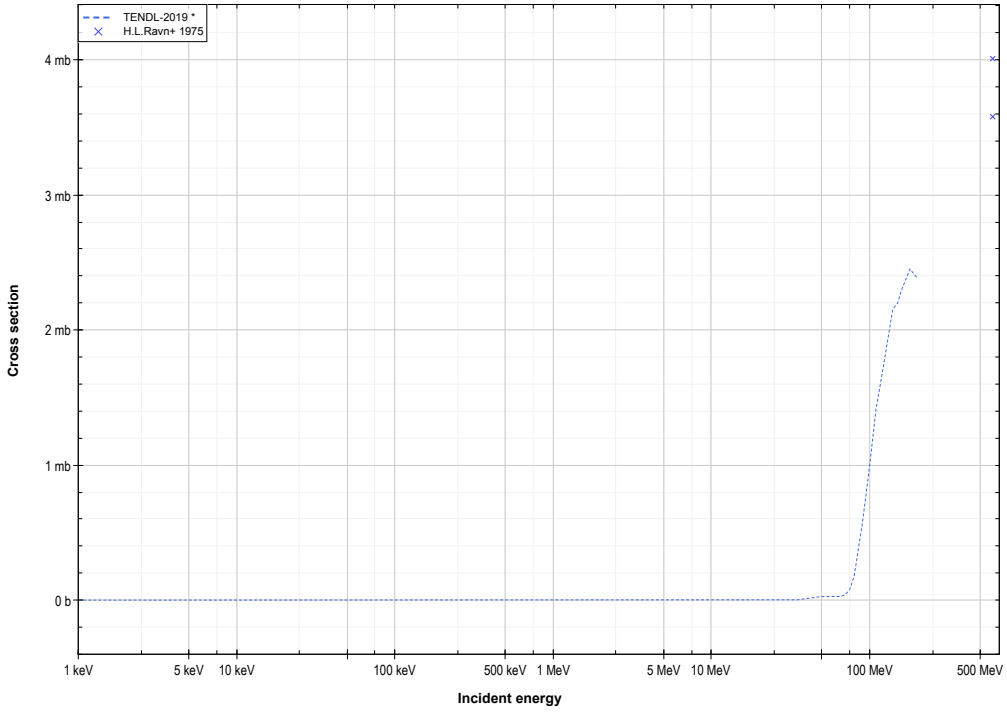
Reaction	Q-Value
La139(p,3n)Ce137	-18232.58 keV

<< 55-Cs-133	**57-La-139**	79-Au-197 >>
<< MT17 (p,3n)	**MT45 (p,n+p+α) or MT5 (Cs134 production)**	MT107 (p,α) >>

La139 (p,n+p+α) or Cs134 production log-log



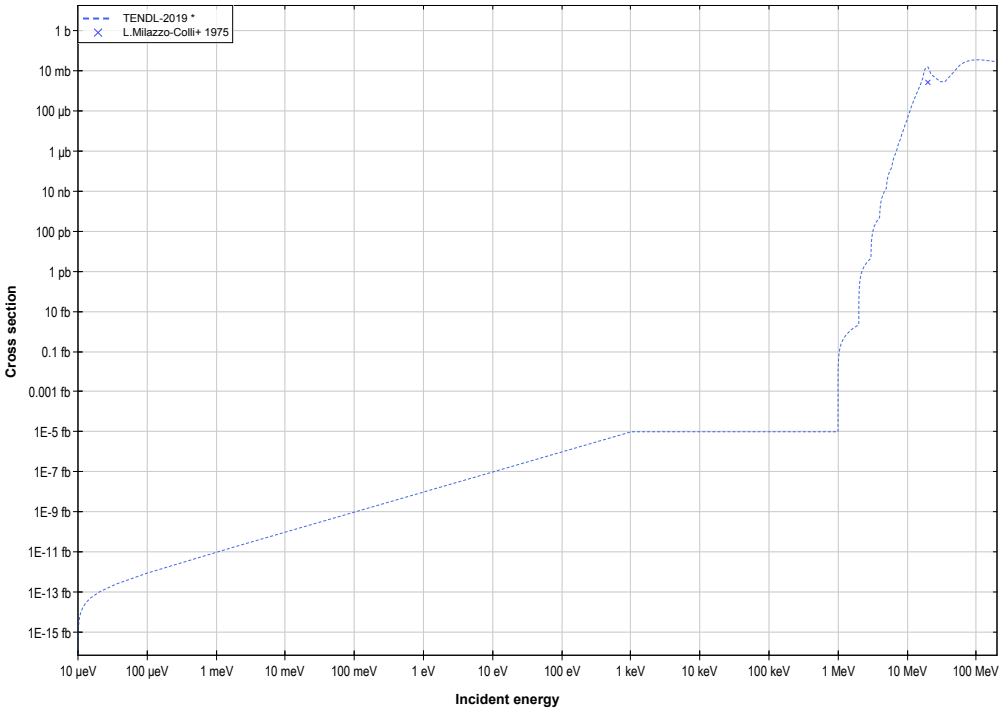
La139 (p,n+p+α) or Cs134 production lin-log



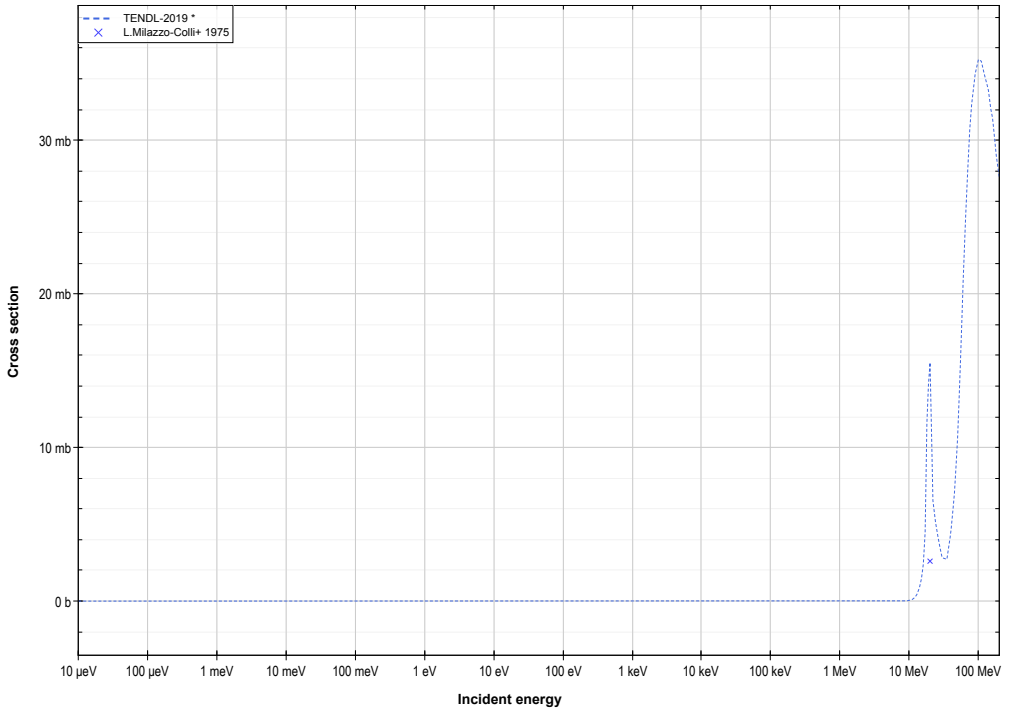
Reaction	Q-Value	Reaction	Q-Value
La139(p,d+α)Cs134	-8606.71 keV	La139(p,n+p+2d)Cs134	-34677.81 keV
La139(p,n+p+α)Cs134	-10831.28 keV	La139(p,2n+2p+d)Cs134	-36902.37 keV
La139(p,t+He3)Cs134	-22927.10 keV	La139(p,3n+3p)Cs134	-39126.94 keV
La139(p,p+d+t)Cs134	-28420.58 keV		
La139(p,n+d+He3)Cs134	-29184.33 keV		
La139(p,n+2p+t)Cs134	-30645.14 keV		
La139(p,2n+p+He3)Cs134	-31408.90 keV		
La139(p,3d)Cs134	-32453.24 keV		

<< 54-Xe-124	**57-La-139**	58-Ce-140 >>
<< MT45 (p,n+p+α)	**MT107 (p,α) or MT5 (Ba136 production)**	MT117 (p,d+α) >>

La139 (p,α) or Ba136 production log-log



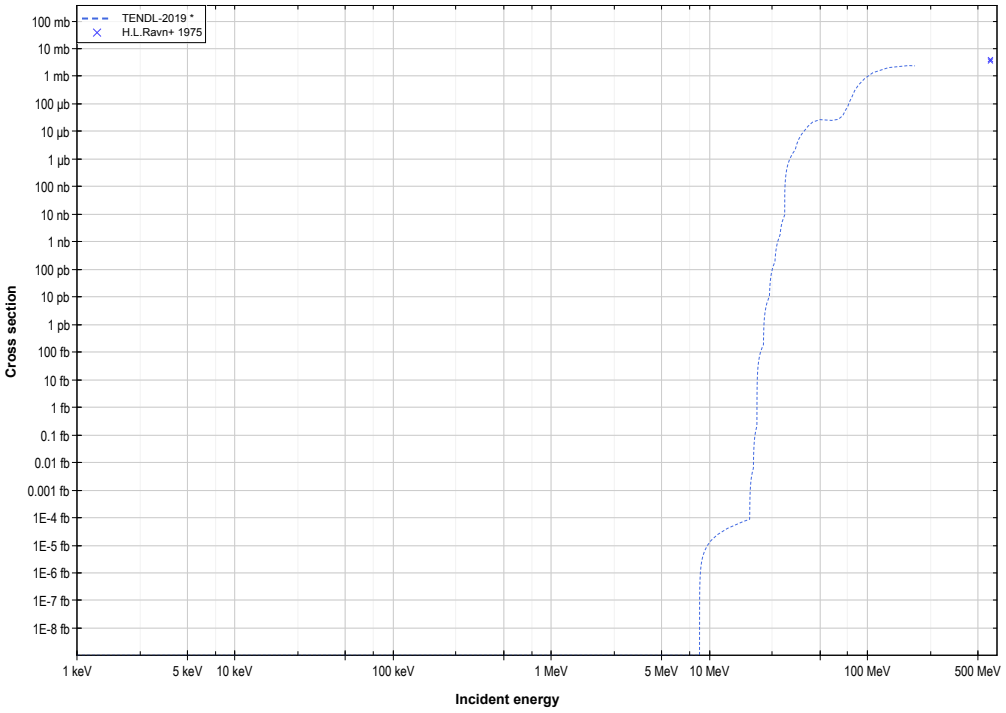
La139 (p,α) or Ba136 production lin-log



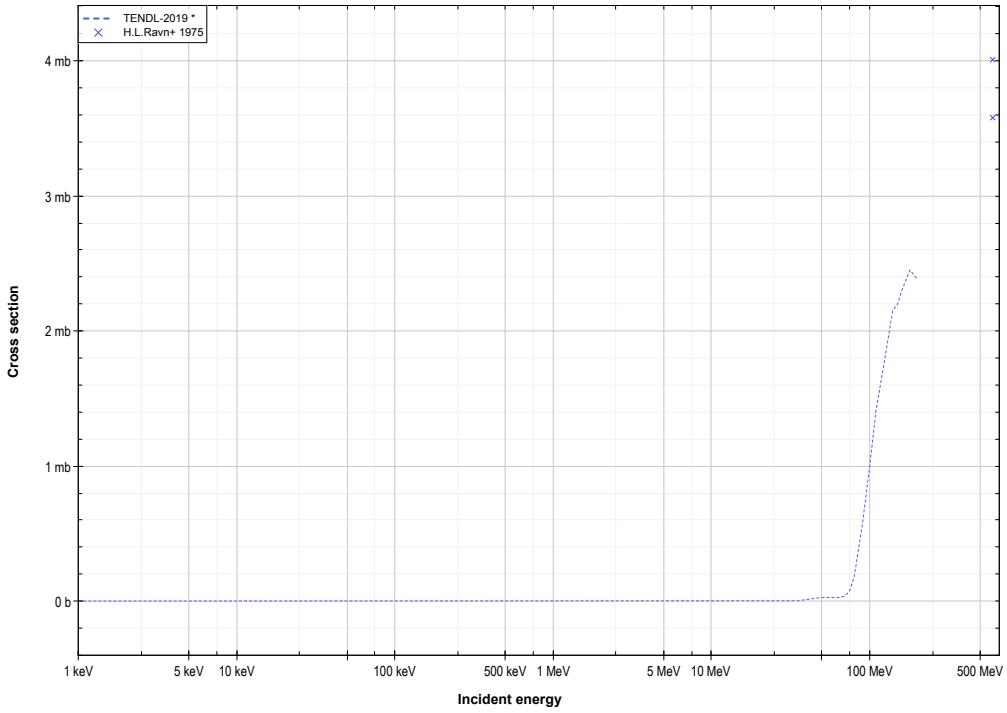
Reaction	Q-Value
La139(p,α)Ba136	6524.76 keV
La139(p,p+t)Ba136	-13289.11 keV
La139(p,n+He3)Ba136	-14052.86 keV
La139(p,2d)Ba136	-17321.77 keV
La139(p,n+p+d)Ba136	-19546.34 keV
La139(p,2n+2p)Ba136	-21770.90 keV

<< 55-Cs-133	**57-La-139**	79-Au-197 >>
<< MT107 (p,α)	**MT117 (p,d+α) or MT5 (Cs134 production)**	MT152 (p,5n) >>

La139 (p,d+α) or Cs134 production log-log



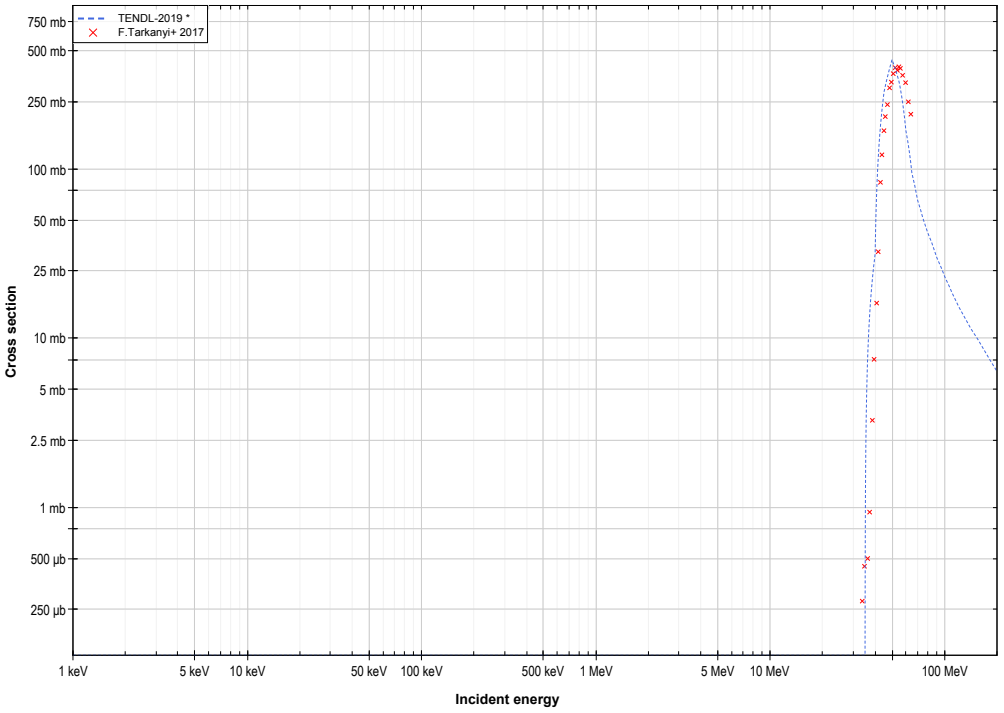
La139 (p,d+α) or Cs134 production lin-log



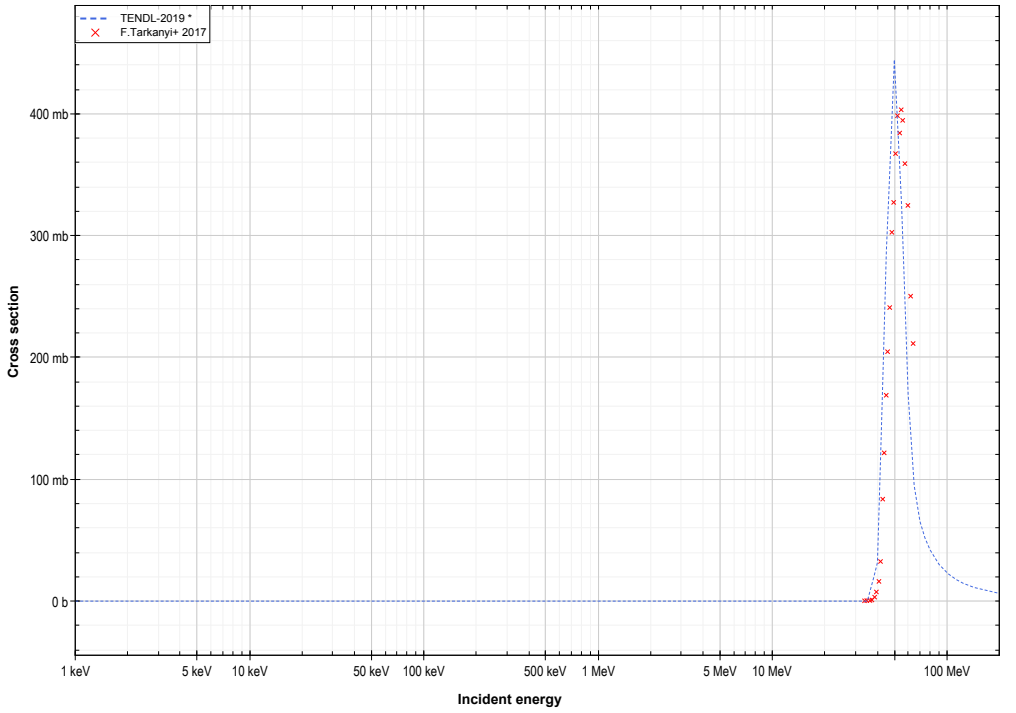
Reaction	Q-Value	Reaction	Q-Value
La139(p,d+α)Cs134	-8606.71 keV	La139(p,n+p+2d)Cs134	-34677.81 keV
La139(p,n+p+α)Cs134	-10831.28 keV	La139(p,2n+2p+d)Cs134	-36902.37 keV
La139(p,t+He3)Cs134	-22927.10 keV	La139(p,3n+3p)Cs134	-39126.94 keV
La139(p,p+d+t)Cs134	-28420.58 keV		
La139(p,n+d+He3)Cs134	-29184.33 keV		
La139(p,n+2p+t)Cs134	-30645.14 keV		
La139(p,2n+p+He3)Cs134	-31408.90 keV		
La139(p,3d)Cs134	-32453.24 keV		

<< 55-Cs-133	**57-La-139**	59-Pr-141 >>
<< MT117 (p,d+α)	**MT152 (p,5n) or MT5 (Ce135 production)**	MT153 (p,6n) >>

La139 (p,5n) or Ce135 production log-log



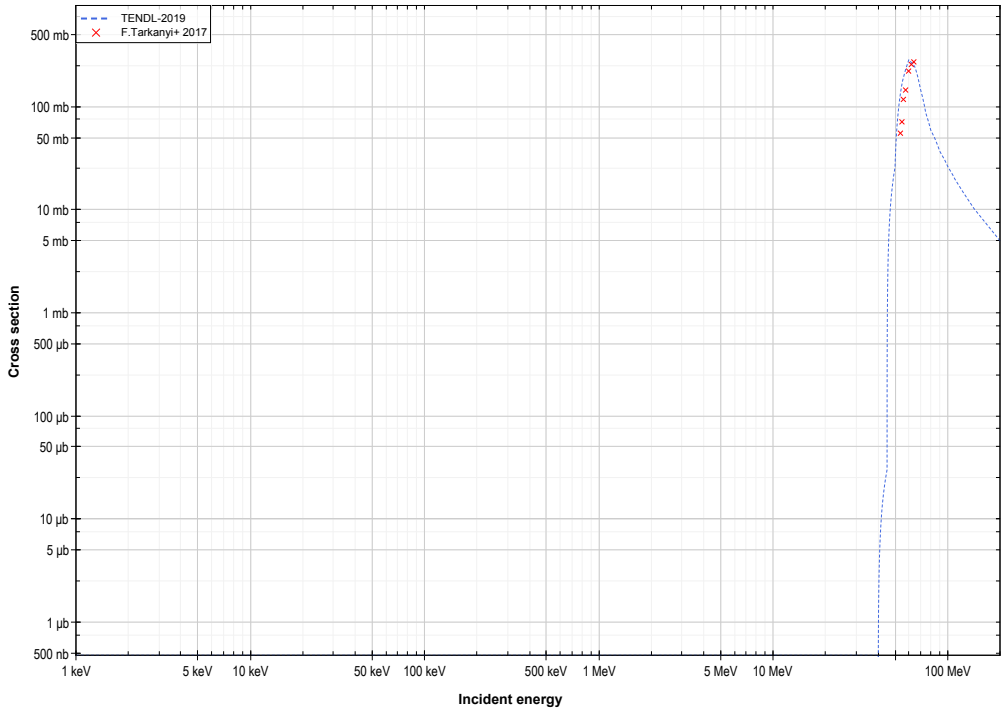
La139 (p,5n) or Ce135 production lin-log



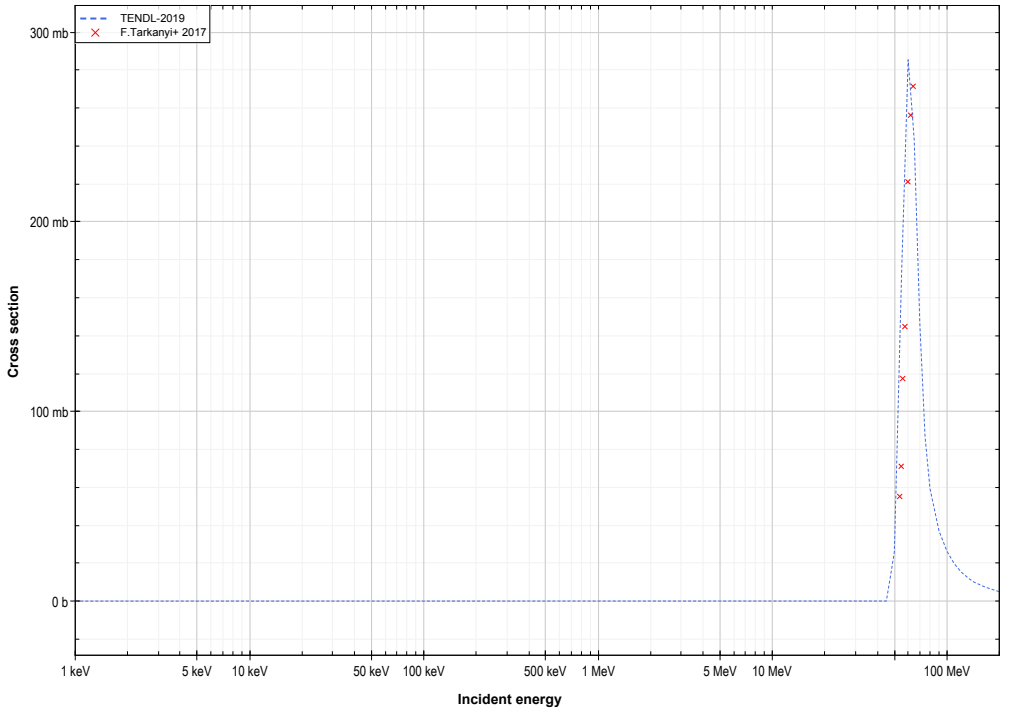
Reaction	Q-Value
La139(p,5n)Ce135	-35677.81 keV

<< 55-Cs-133	**57-La-139**	59-Pr-141 >>
<< MT152 (p,5n)	**MT153 (p,6n) or MT5 (Ce134 production)**	MT154 (p,2n+t) >>

La139 (p,6n) or Ce134 production log-log



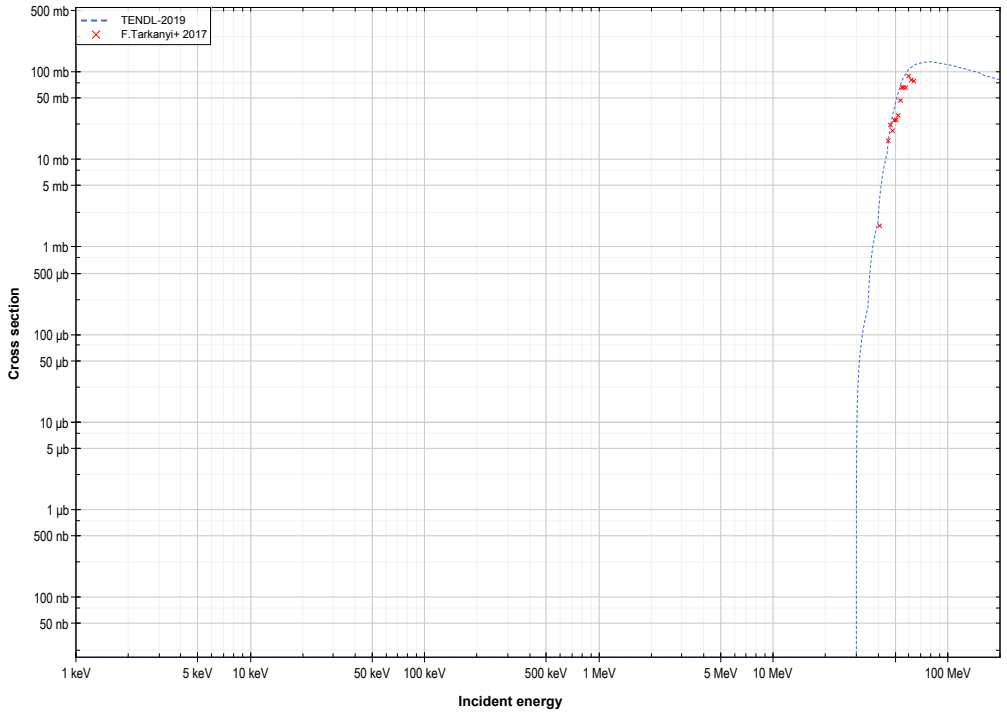
La139 (p,6n) or Ce134 production lin-log



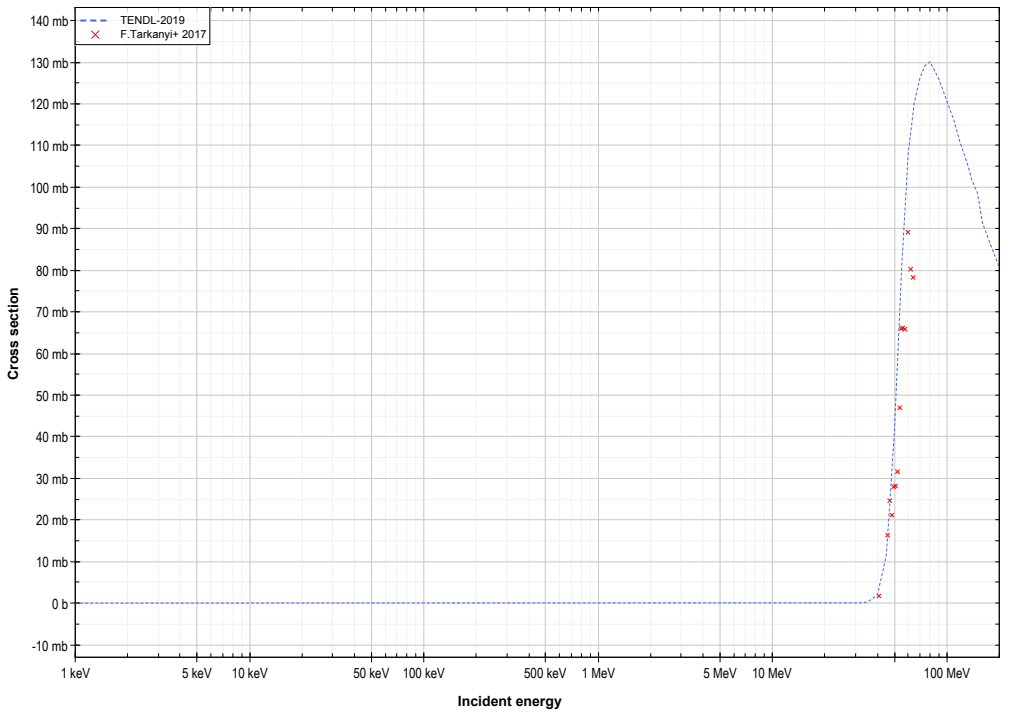
Reaction	Q-Value
La139(p,6n)Ce134	-43532.13 keV

<< 55-Cs-133	**57-La-139**	59-Pr-141 >>
<< MT153 (p,6n)	**MT154 (p,2n+t) or MT5 (La135 production)**	MT156 (p,4n+p) >>

La139 (p,2n+t) or La135 production log-log



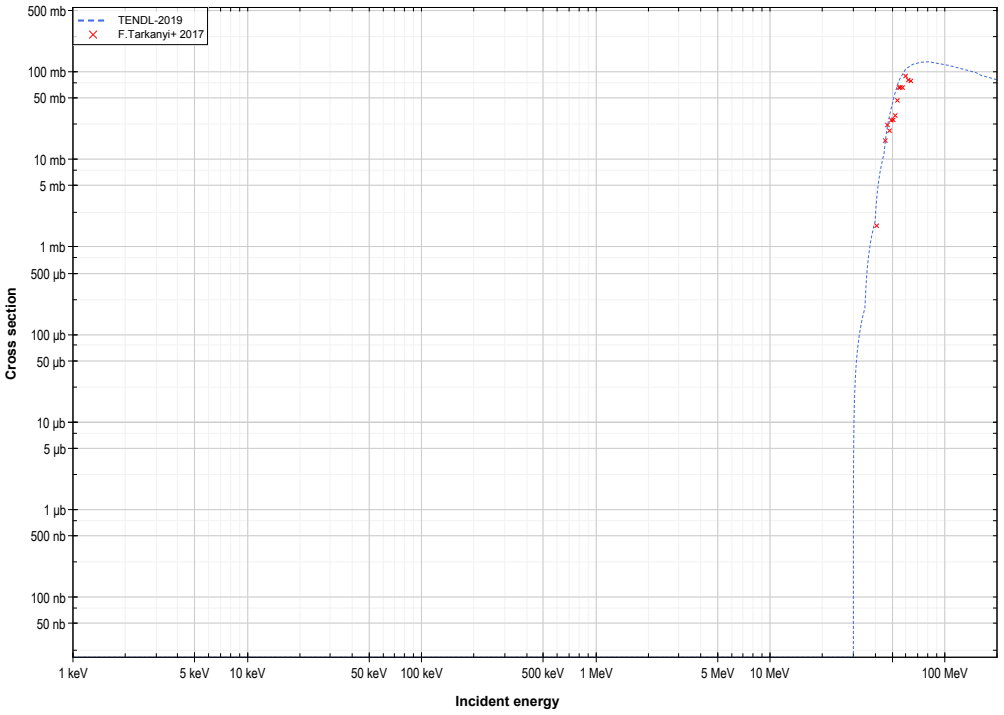
La139 (p,2n+t) or La135 production lin-log



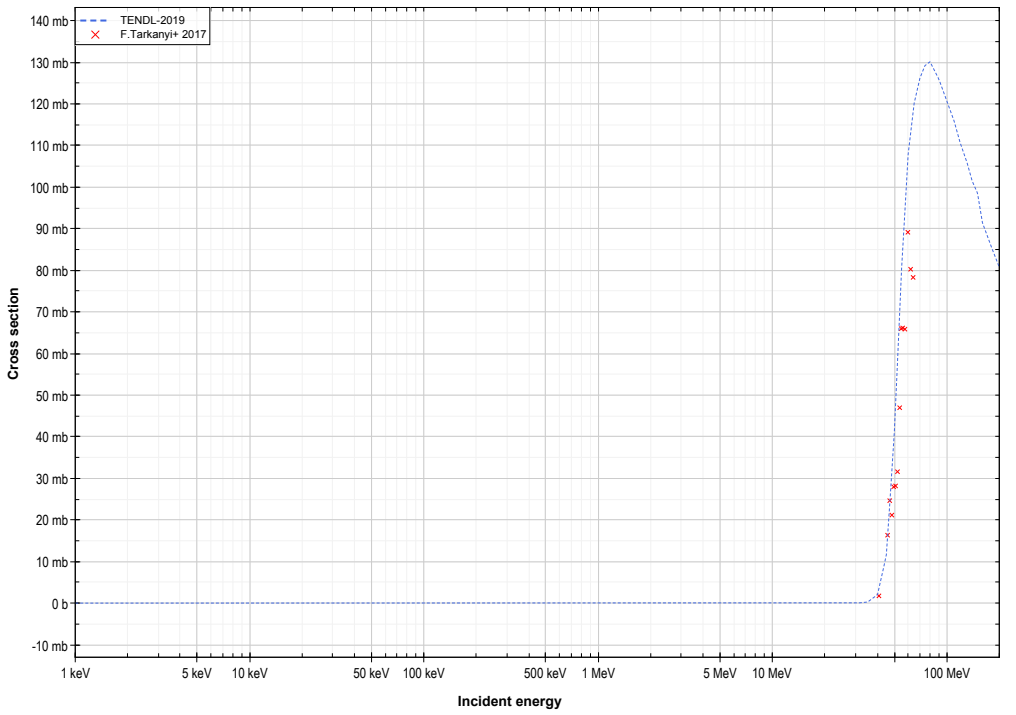
Reaction	Q-Value
La139(p,2n+t)La135	-24386.67 keV
La139(p,3n+d)La135	-30643.90 keV
La139(p,4n+p)La135	-32868.47 keV

<< 55-Cs-133	**57-La-139**	59-Pr-141 >>
<< MT154 (p,2n+t)	**MT156 (p,4n+p) or MT5 (La135 production)**	MT157 (p,3n+d) >>

La139 (p,4n+p) or La135 production log-log



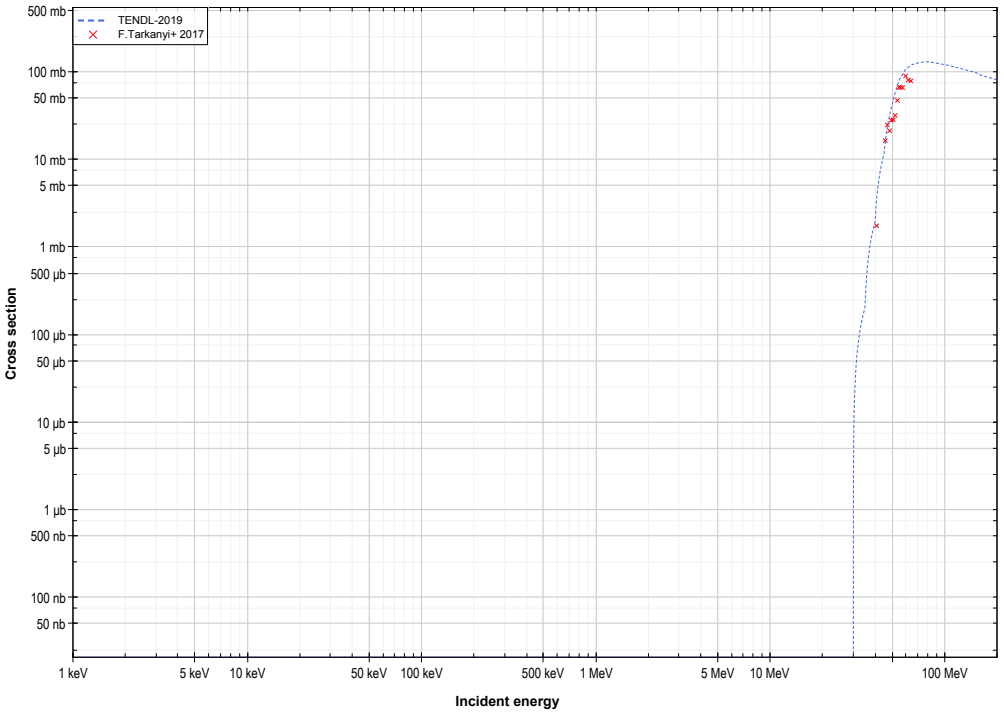
La139 (p,4n+p) or La135 production lin-log



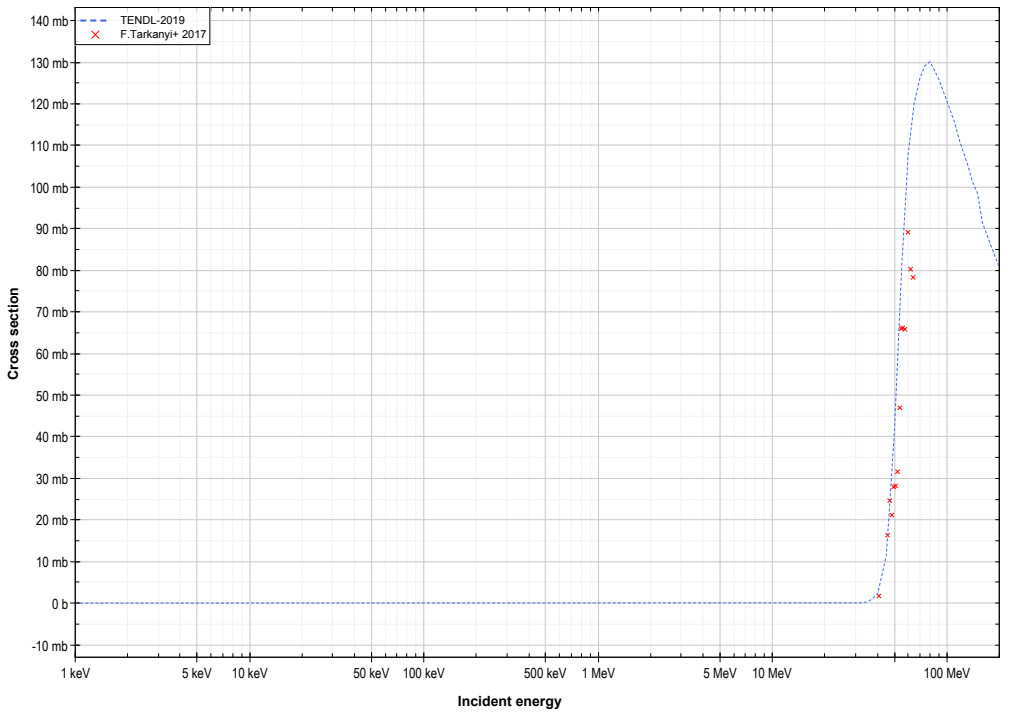
Reaction	Q-Value
La139(p,2n+t)La135	-24386.67 keV
La139(p,3n+d)La135	-30643.90 keV
La139(p,4n+p)La135	-32868.47 keV

<< 55-Cs-133	**57-La-139**	59-Pr-141 >>
<< MT156 (p,4n+p)	**MT157 (p,3n+d) or MT5 (La135 production)**	MT160 (p,7n) >>

La139 (p,3n+d) or La135 production log-log



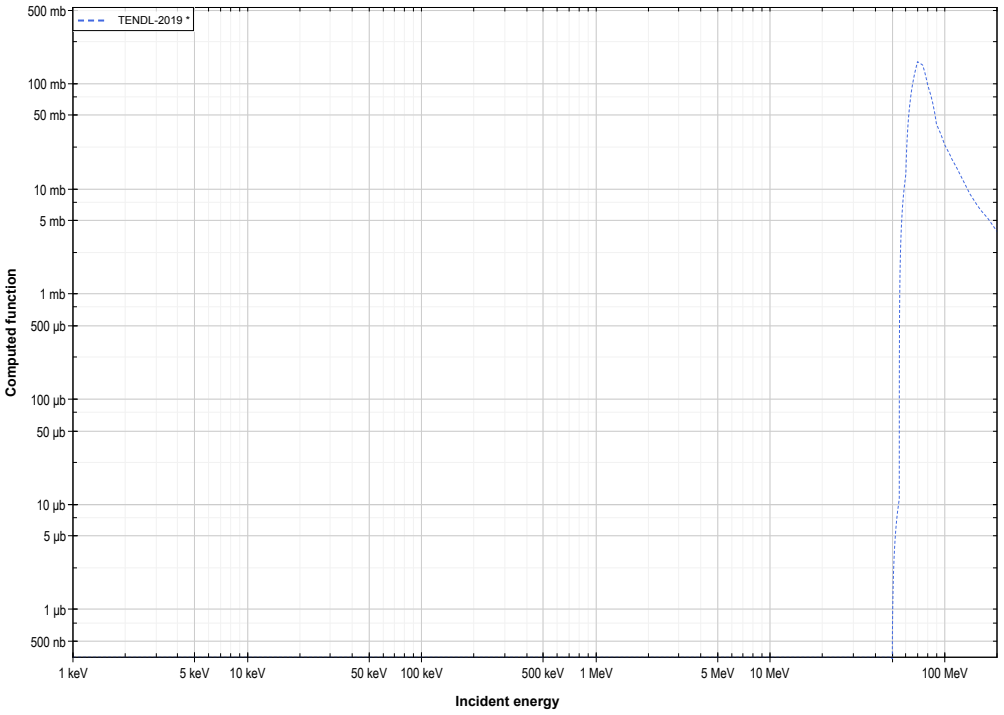
La139 (p,3n+d) or La135 production lin-log



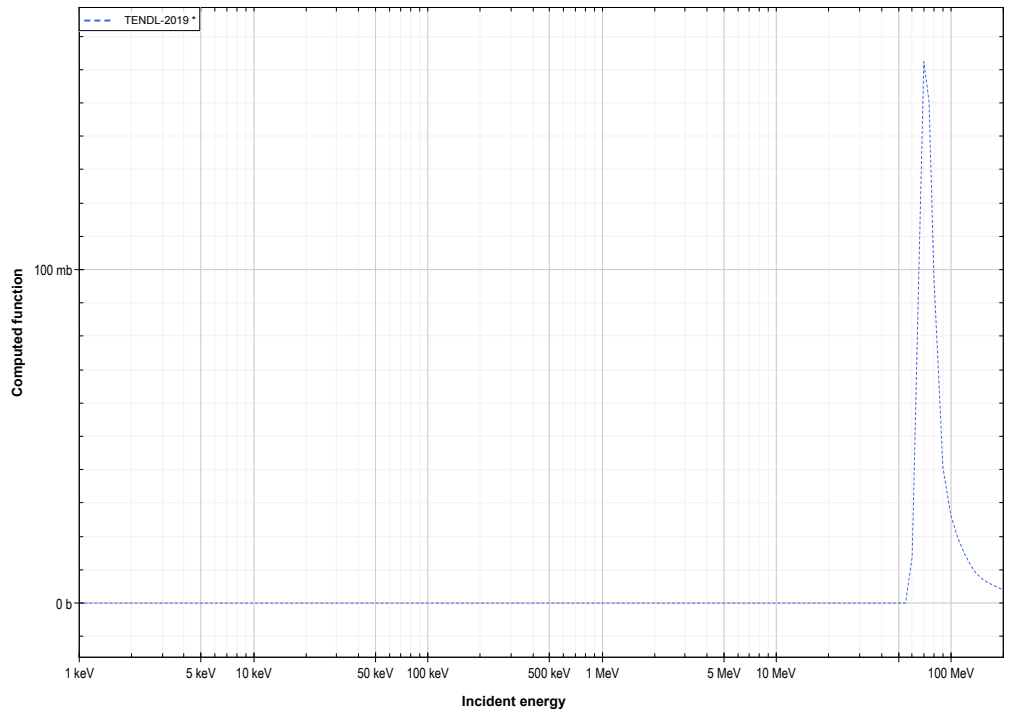
Reaction	Q-Value
La139(p,2n+t)La135	-24386.67 keV
La139(p,3n+d)La135	-30643.90 keV
La139(p,4n+p)La135	-32868.47 keV

<< 53-I-127	**57-La-139**	59-Pr-141 >>
<< MT157 (p,3n+d)	**MT160 (p,7n) or MT5 (Ce133 production)**	MT181 (p,3n+p+α) >>

La139 (p,7n) or Ce133 production log-log



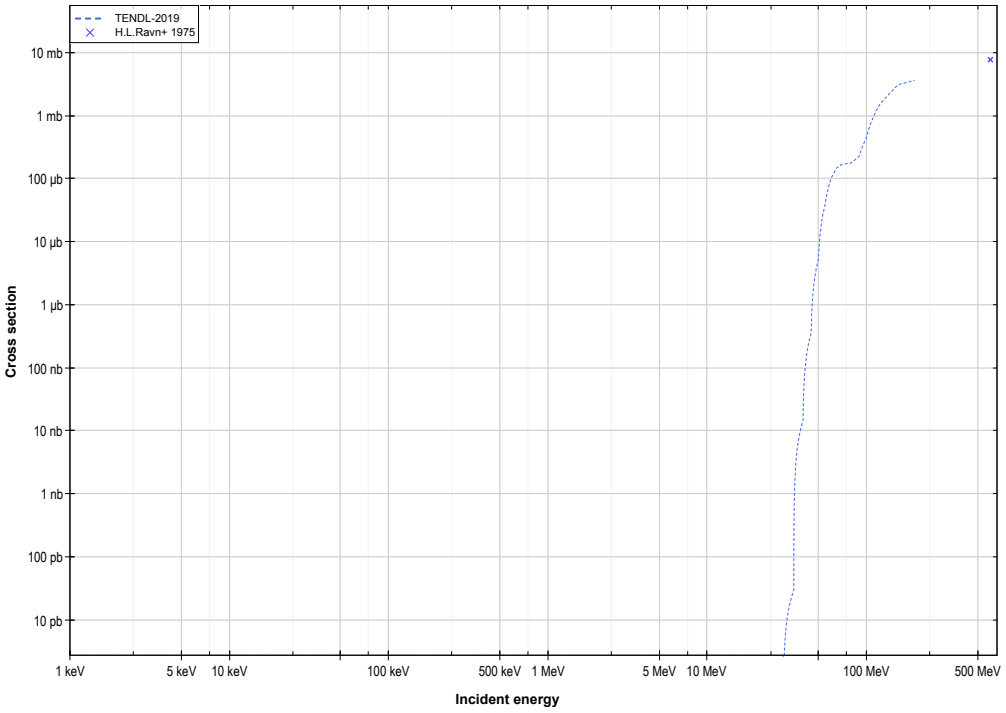
La139 (p,7n) or Ce133 production lin-log



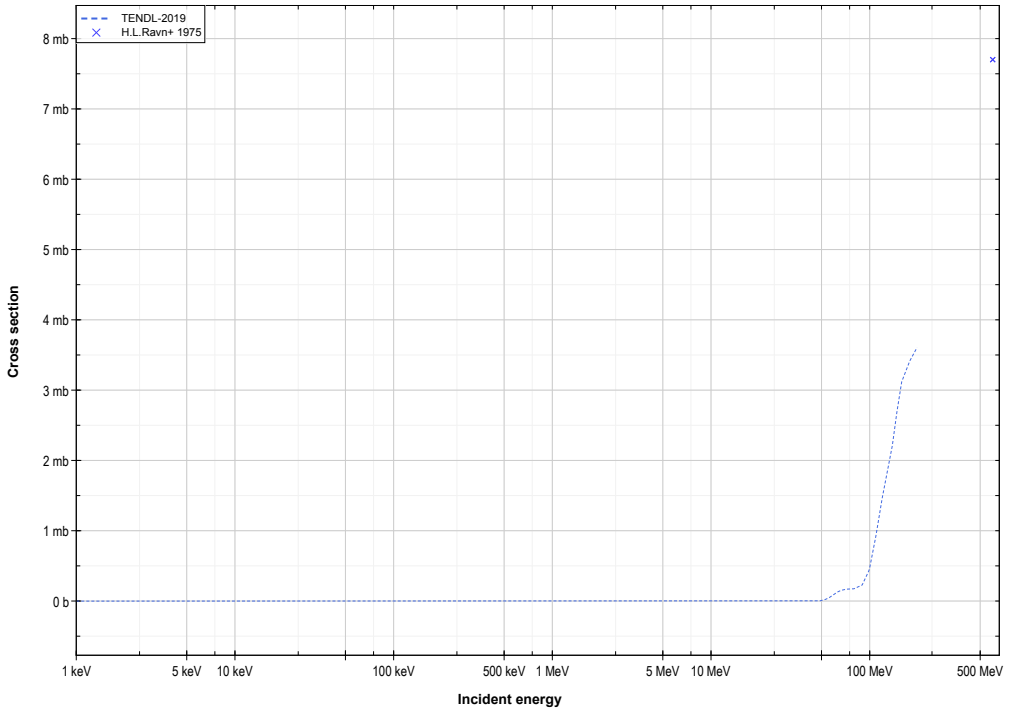
Reaction	Q-Value
La139(p,7n)Ce133	-54018.45 keV

<< 55-Cs-133	**57-La-139**	90-Th-232 >>
<< MT160 (p,7n)	**MT181 (p,3n+p+α) or MT5 (Cs132 production)**	MT187 (p,n+d+³He) >>

La139 (p,3n+p+α) or Cs132 production log-log



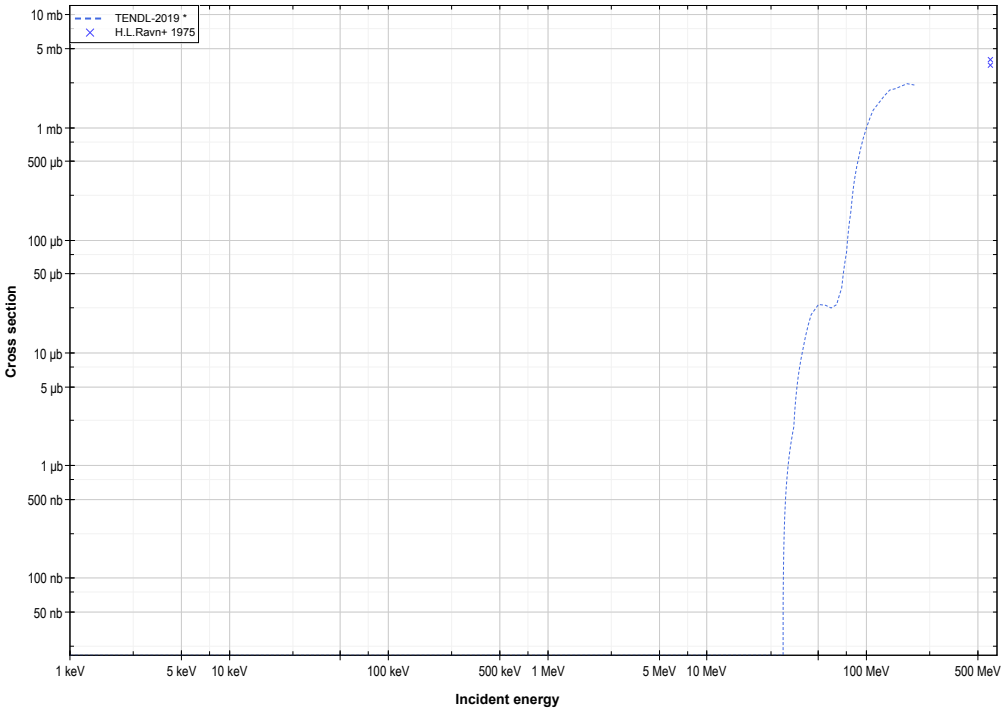
La139 (p,3n+p+α) or Cs132 production lin-log



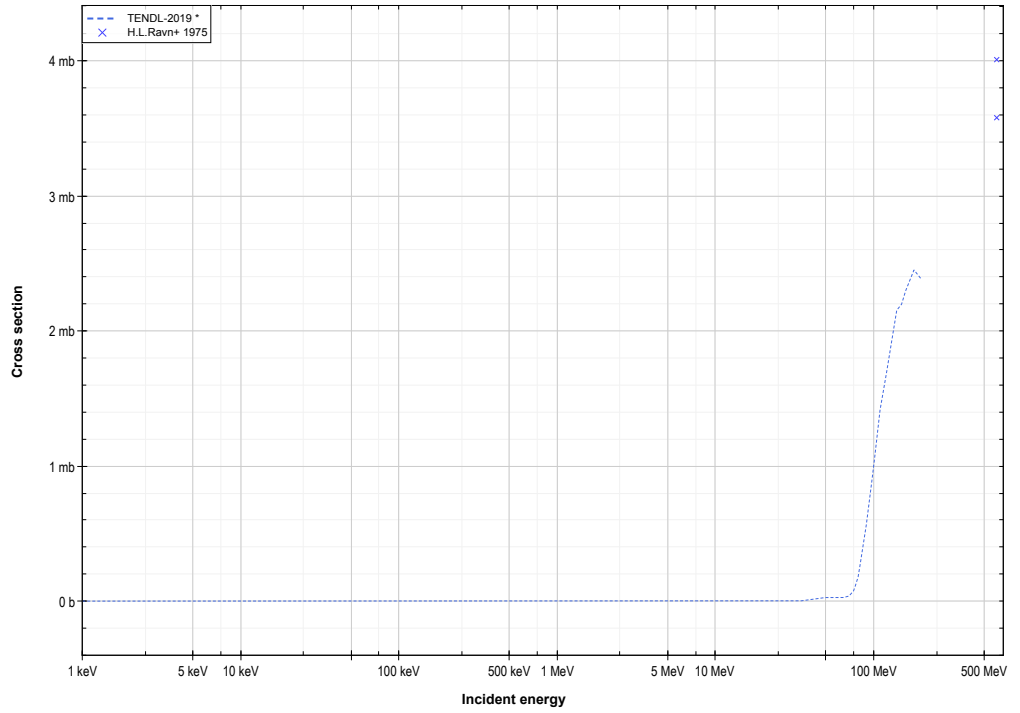
Reaction	Q-Value	Reaction	Q-Value
La139(p,n+t+α)Cs132	-18230.57 keV	La139(p,3n+d+He3)Cs132	-45065.42 keV
La139(p,2n+d+α)Cs132	-24487.80 keV	La139(p,3n+2p+t)Cs132	-46526.23 keV
La139(p,3n+p+α)Cs132	-26712.37 keV	La139(p,4n+p+He3)Cs132	-47289.99 keV
La139(p,d+2t)Cs132	-35819.87 keV	La139(p,2n+3d)Cs132	-48334.33 keV
La139(p,n+p+2t)Cs132	-38044.44 keV	La139(p,3n+p+2d)Cs132	-50558.89 keV
La139(p,2n+t+He3)Cs132	-38808.19 keV	La139(p,4n+2p+d)Cs132	-52783.46 keV
La139(p,n+2d+t)Cs132	-42077.10 keV	La139(p,5n+3p)Cs132	-55008.03 keV
La139(p,2n+p+d+t)Cs132	-44301.67 keV		

<< 55-Cs-133	**57-La-139**	79-Au-197 >>
<< MT181 (p,3n+p+α)	**MT187 (p,n+d+³He) or MT5 (Cs134 production)**	MT189 (p,n+t+a) >>

La139 (p,n+d+³He) or Cs134 production log-log



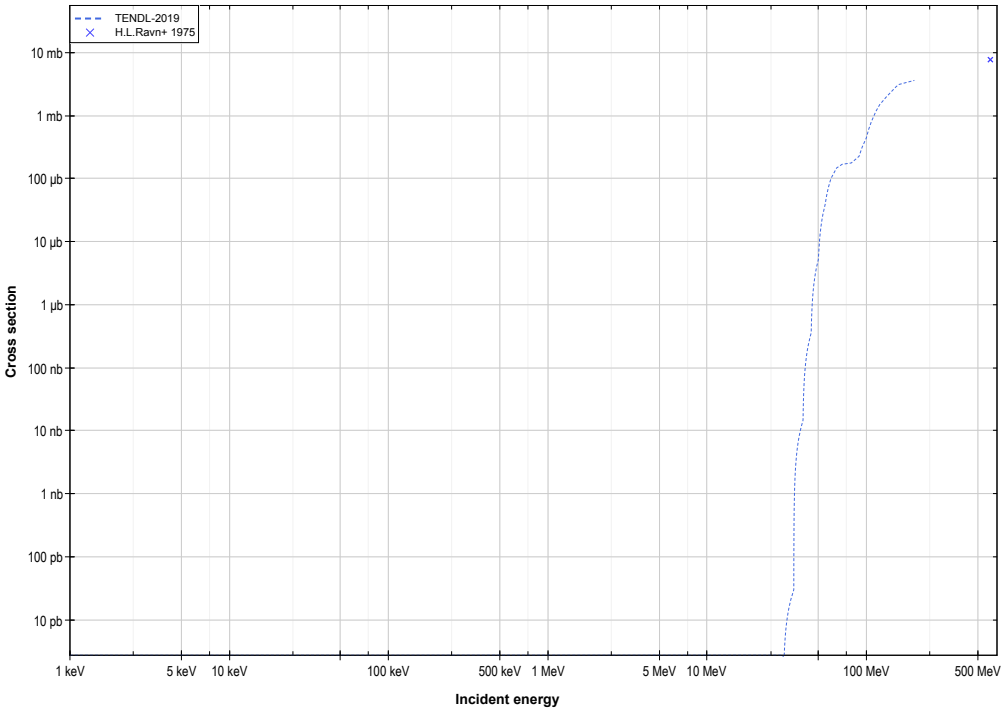
La139 (p,n+d+³He) or Cs134 production lin-log



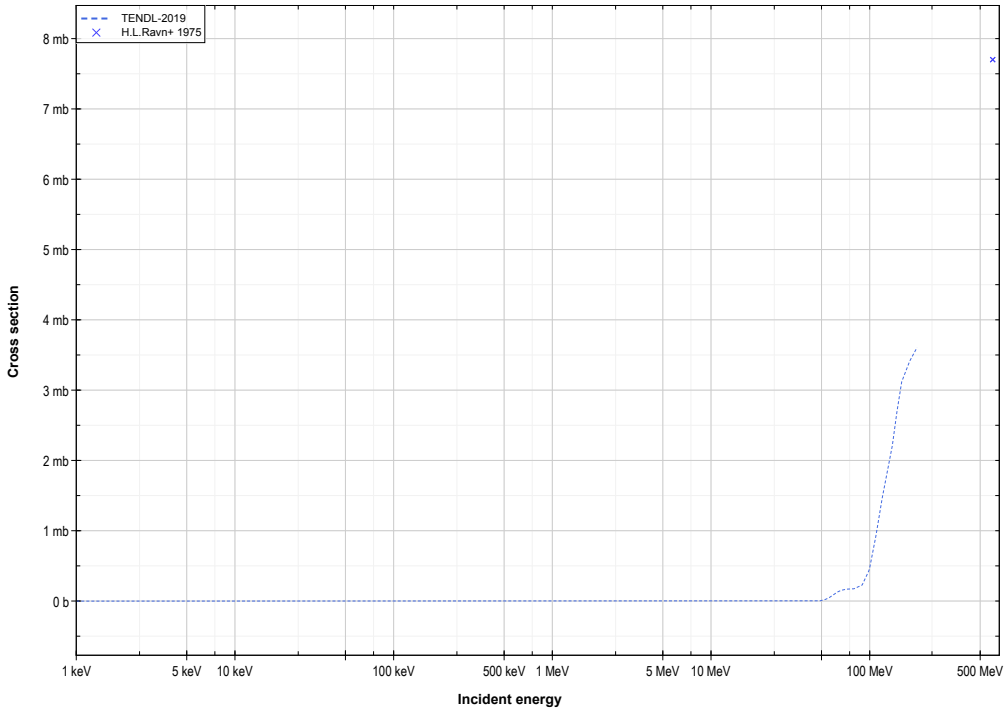
Reaction	Q-Value	Reaction	Q-Value
La139(p,d+α)Cs134	-8606.71 keV	La139(p,n+p+2d)Cs134	-34677.81 keV
La139(p,n+p+α)Cs134	-10831.28 keV	La139(p,2n+2p+d)Cs134	-36902.37 keV
La139(p,t+He3)Cs134	-22927.10 keV	La139(p,3n+3p)Cs134	-39126.94 keV
La139(p,p+d+t)Cs134	-28420.58 keV		
La139(p,n+d+He3)Cs134	-29184.33 keV		
La139(p,n+2p+t)Cs134	-30645.14 keV		
La139(p,2n+p+He3)Cs134	-31408.90 keV		
La139(p,3d)Cs134	-32453.24 keV		

<< 55-Cs-133	**57-La-139**	90-Th-232 >>
<< MT187 (p,n+d+^{3}He)	**MT189 (p,n+t+a) or MT5 (Cs132 production)**	MT191 (p,p+^{3}He) >>

La139 (p,n+t+a) or Cs132 production log-log



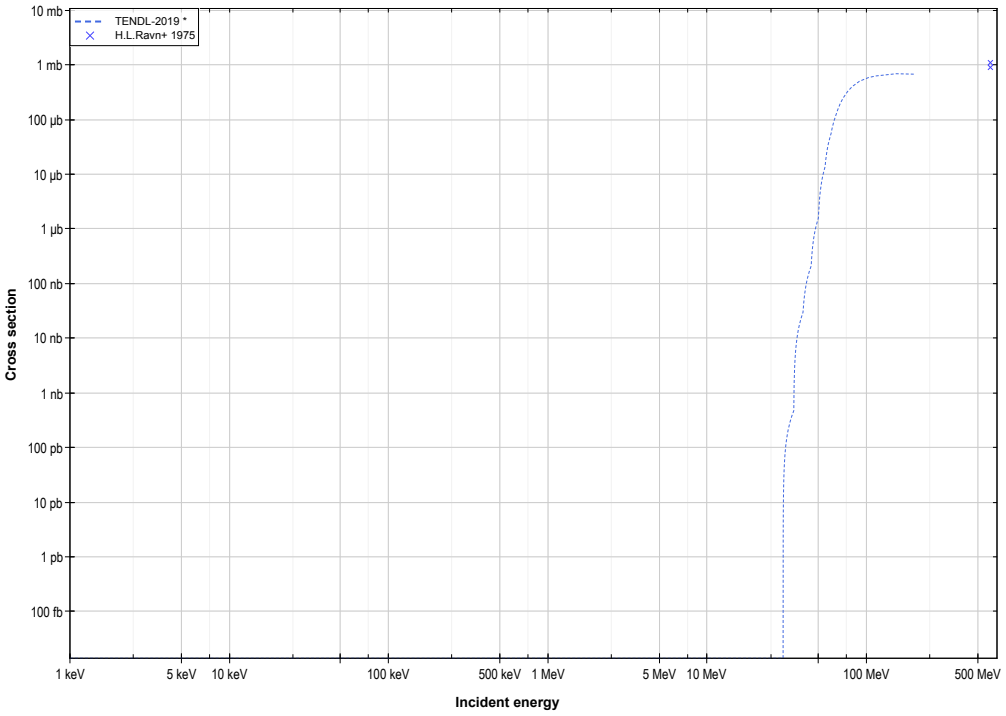
La139 (p,n+t+a) or Cs132 production lin-log



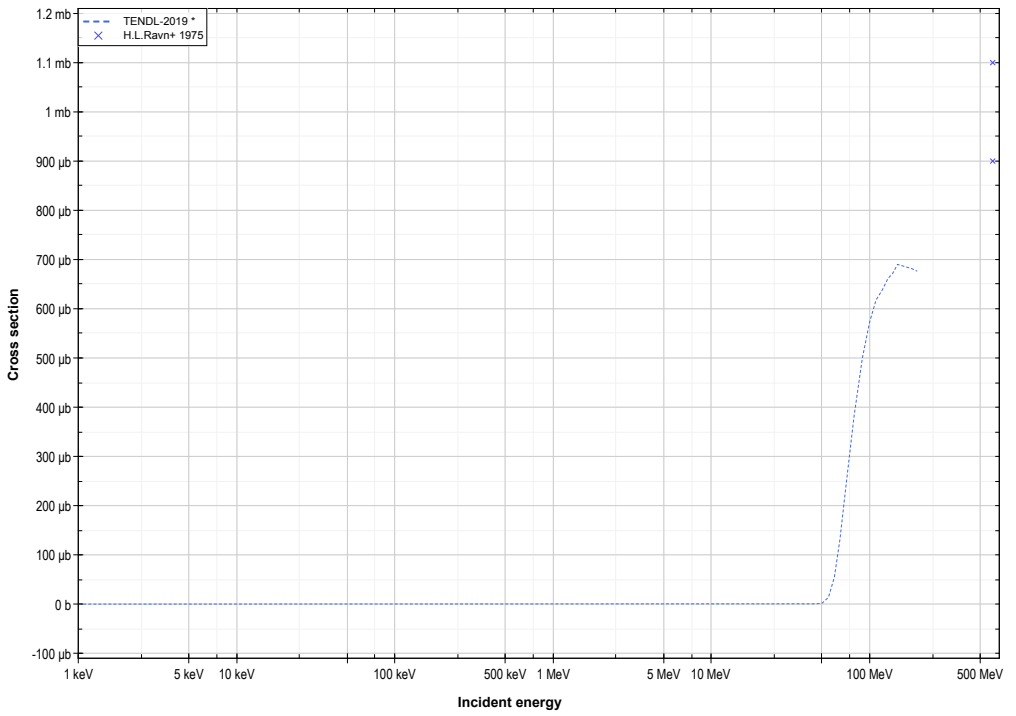
Reaction	Q-Value	Reaction	Q-Value
La139(p,n+t+α)Cs132	-18230.57 keV	La139(p,3n+d+He3)Cs132	-45065.42 keV
La139(p,2n+d+α)Cs132	-24487.80 keV	La139(p,3n+2p+t)Cs132	-46526.23 keV
La139(p,3n+p+α)Cs132	-26712.37 keV	La139(p,4n+p+He3)Cs132	-47289.99 keV
La139(p,d+2t)Cs132	-35819.87 keV	La139(p,2n+3d)Cs132	-48334.33 keV
La139(p,n+p+2t)Cs132	-38044.44 keV	La139(p,3n+p+2d)Cs132	-50558.89 keV
La139(p,2n+t+He3)Cs132	-38808.19 keV	La139(p,4n+2p+d)Cs132	-52783.46 keV
La139(p,n+2d+t)Cs132	-42077.10 keV	La139(p,5n+3p)Cs132	-55008.03 keV
La139(p,2n+p+d+t)Cs132	-44301.67 keV		

<< 55-Cs-133	**57-La-139**	
<< MT189 (p,n+t+a)	**MT191 (p,p+^{3}He) or MT5 (Cs136 production)**	MT198 (p,n+3p) >>

La139 (p,p+^{3}He) or Cs136 production log-log



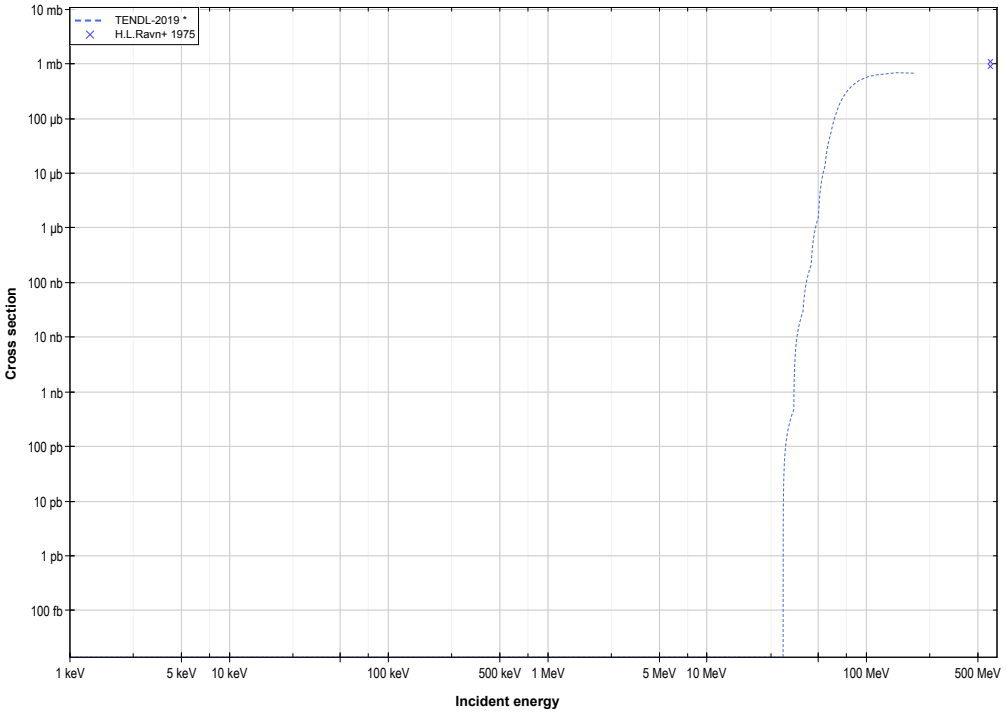
La139 (p,p+^{3}He) or Cs136 production lin-log



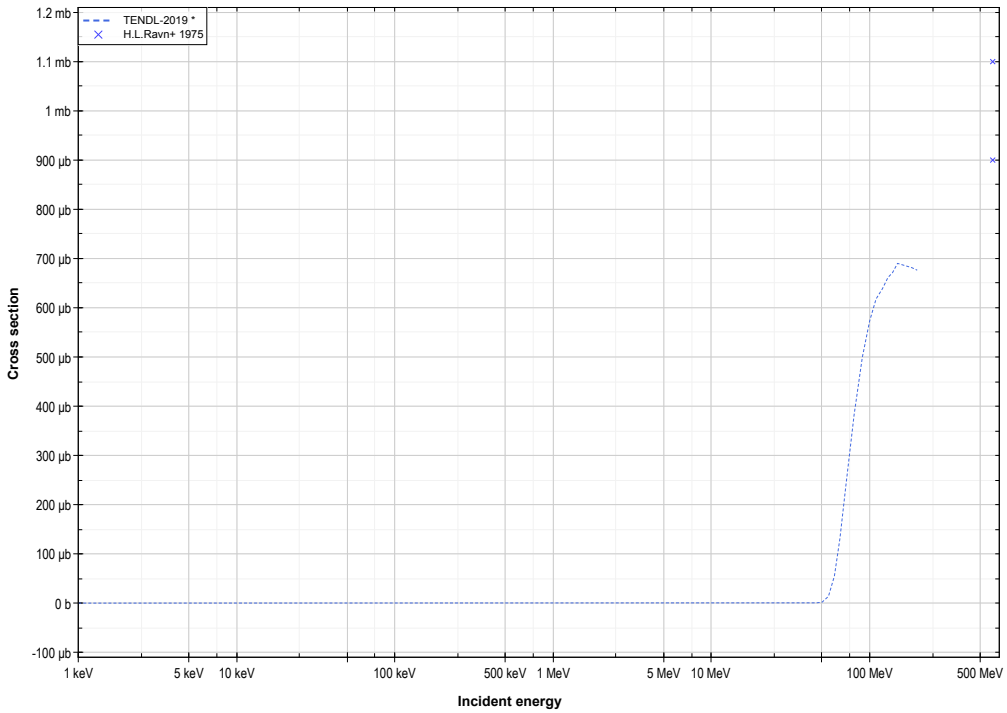
Reaction	Q-Value
La139(p,p+He3)Cs136	-15818.72 keV
La139(p,2p+d)Cs136	-21312.19 keV
La139(p,n+3p)Cs136	-23536.76 keV

<< 55-Cs-133	**57-La-139**	
<< MT191 (p,p+^{3}He)	**MT198 (p,n+3p) or MT5 (Cs136 production)**	58-Ce-140 MT4 (p,n) >>

La139 (p,n+3p) or Cs136 production log-log



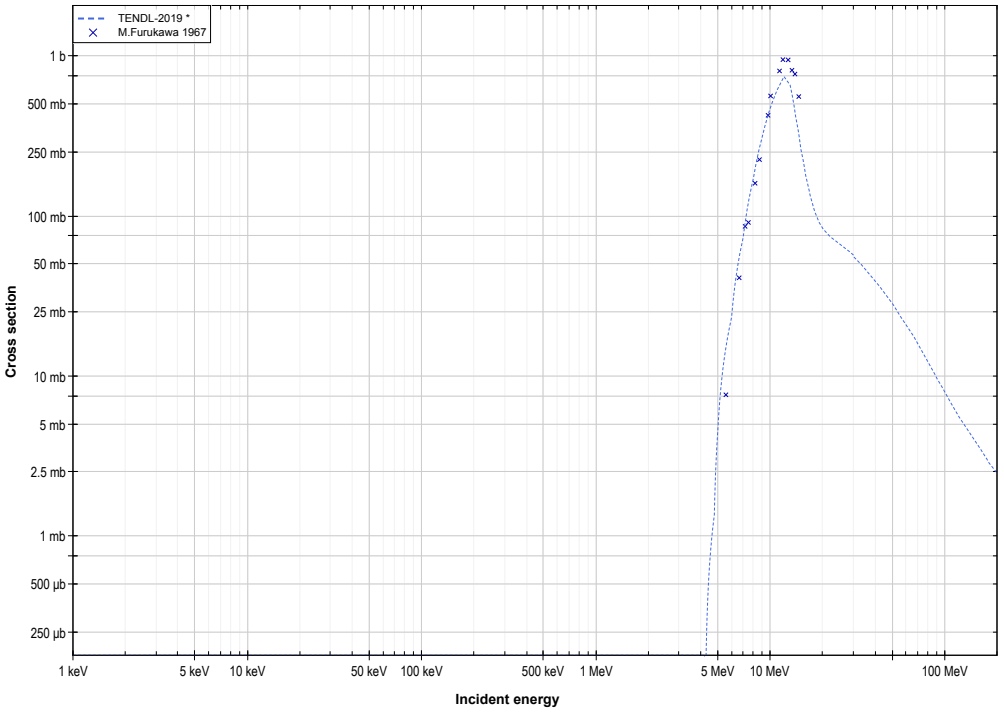
La139 (p,n+3p) or Cs136 production lin-log



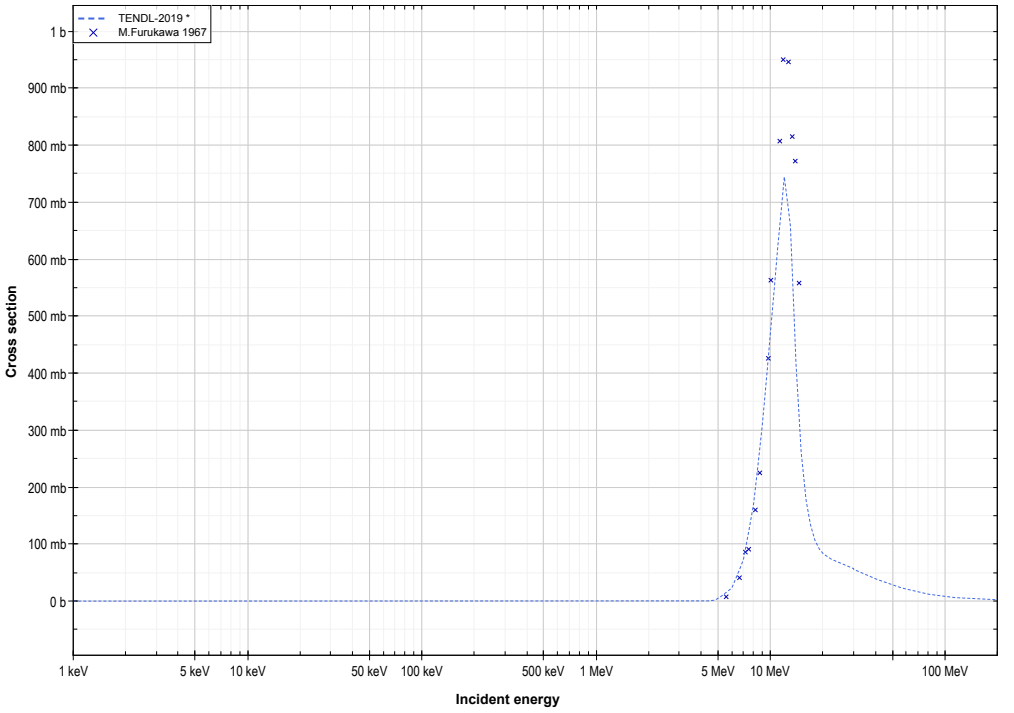
Reaction	Q-Value
La139(p,p+He3)Cs136	-15818.72 keV
La139(p,2p+d)Cs136	-21312.19 keV
La139(p,n+3p)Cs136	-23536.76 keV

<< 57-La-139	**58-Ce-140**	58-Ce-142 >>
<< 57-La-139 MT198 (p,n+3p)	**MT4 (p,n) or MT5 (Pr140 production)**	MT16 (p,2n) >>

Ce140 (p,n) or Pr140 production log-log



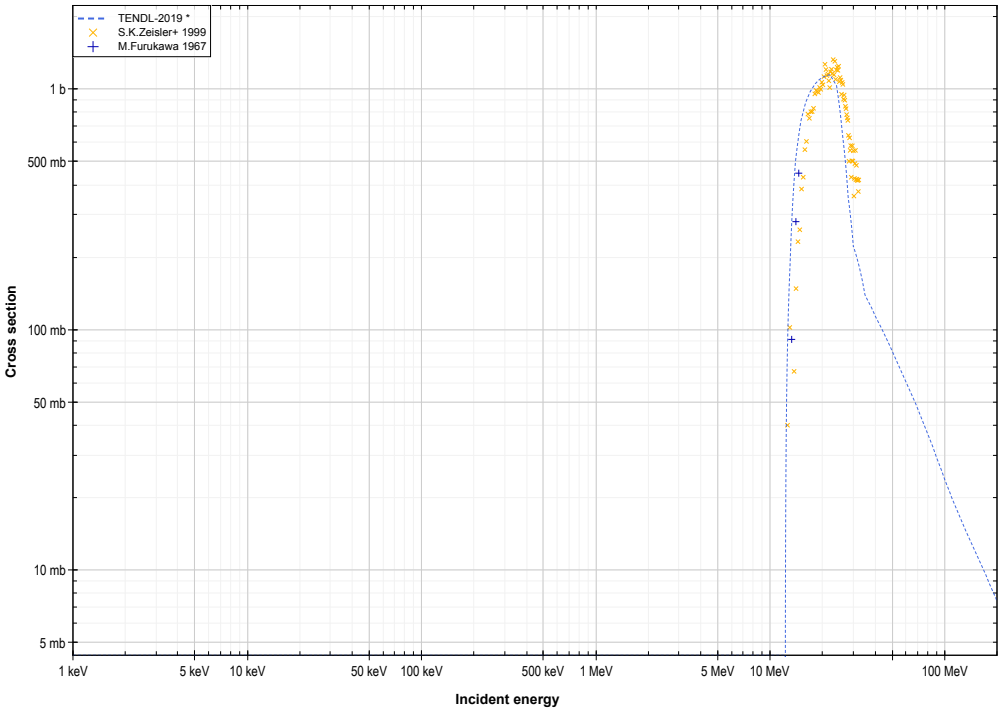
Ce140 (p,n) or Pr140 production lin-log



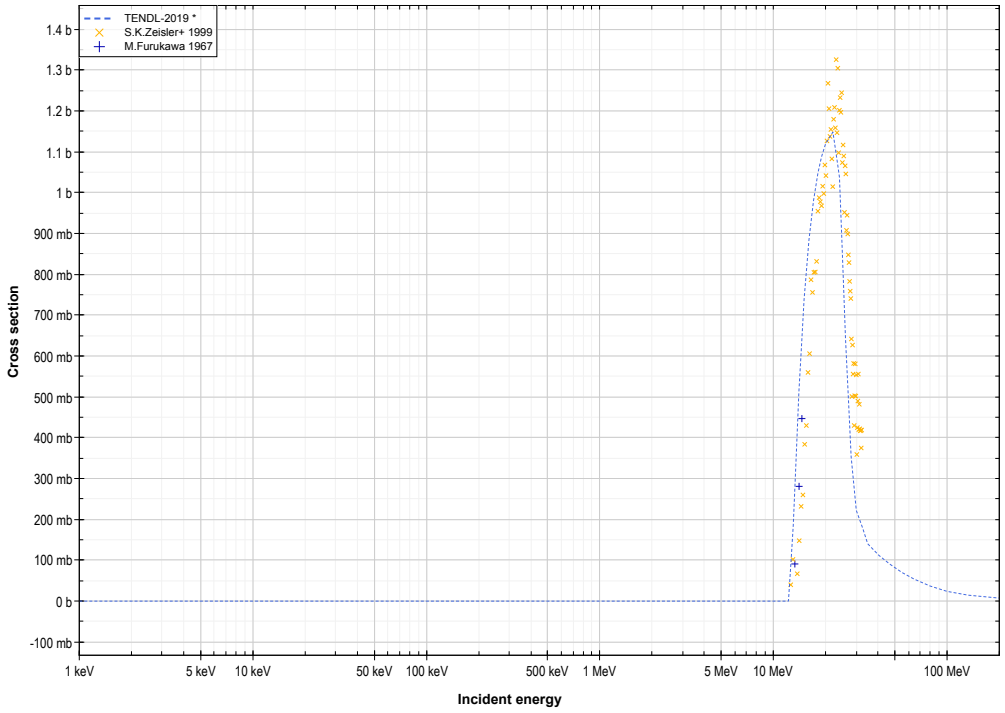
Reaction	Q-Value
Ce140(p,n)Pr140	-4170.45 keV

<< 54-Xe-126	**58-Ce-140**	59-Pr-141 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Pr139 production)**	MT17 (p,3n) >>

Ce140 (p,2n) or Pr139 production log-log



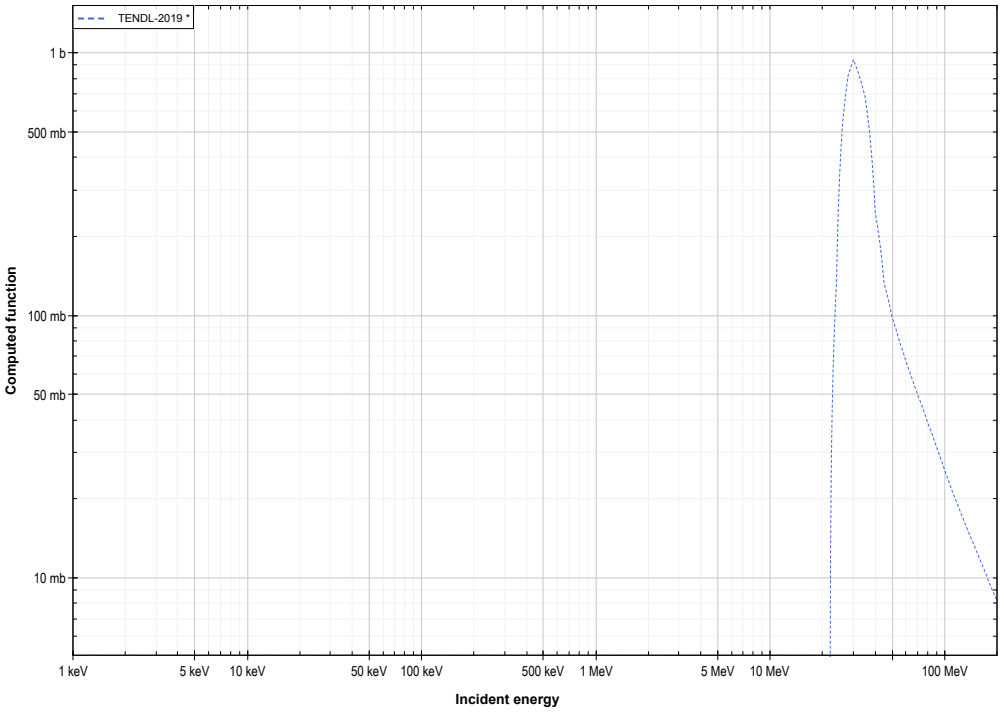
Ce140 (p,2n) or Pr139 production lin-log



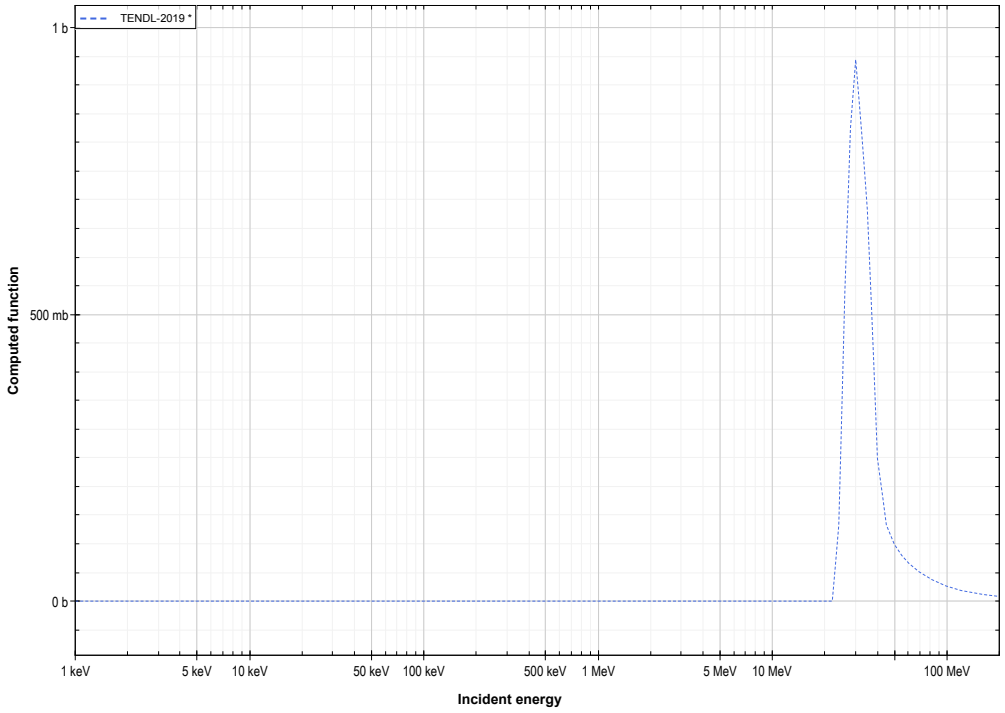
Reaction	Q-Value
Ce140(p,2n)Pr139	-12110.76 keV

<< 57-La-139	**58-Ce-140**	59-Pr-141 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Pr138 production)**	MT107 (p,α) >>

Ce140 (p,3n) or Pr138 production log-log



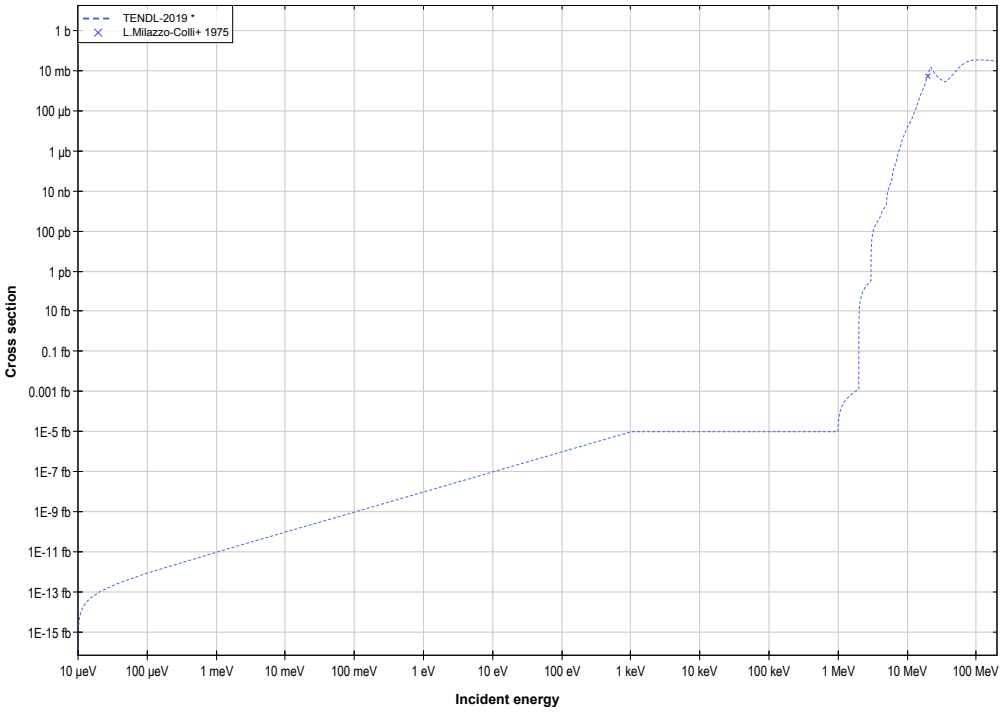
Ce140 (p,3n) or Pr138 production lin-log



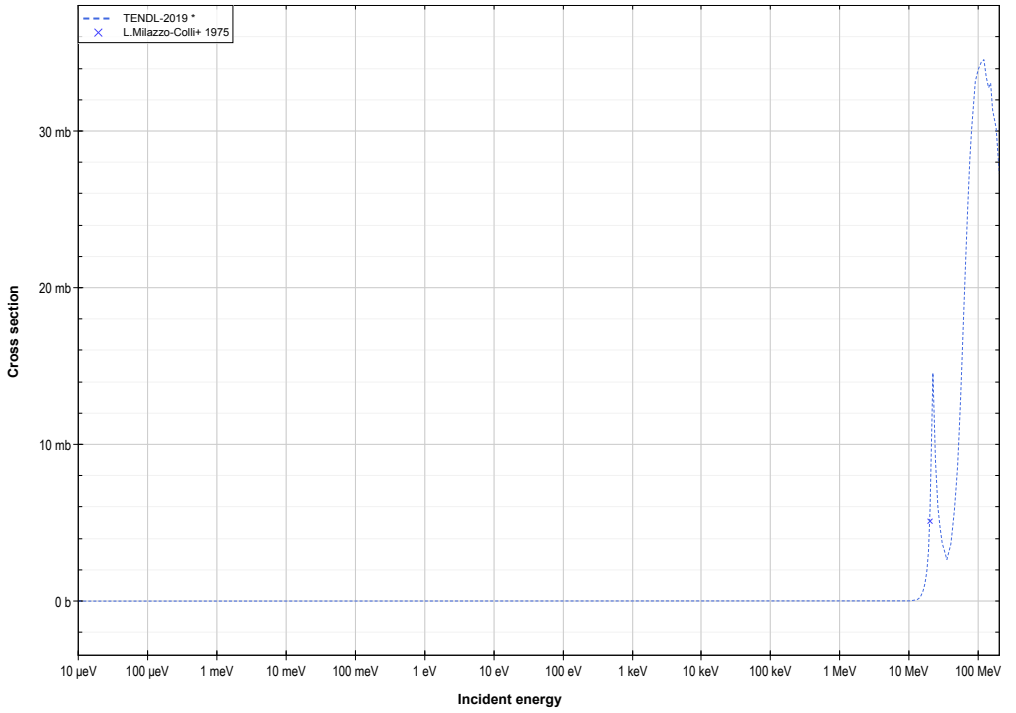
Reaction	Q-Value
Ce140(p,3n)Pr138	-21867.08 keV

<< 57-La-139	**58-Ce-140**	60-Nd-150 >>
<< MT17 (p,3n)	**MT107 (p,α) or MT5 (La137 production)**	58-Ce-142 MT4 (p,n) >>

Ce140 (p,α) or La137 production log-log



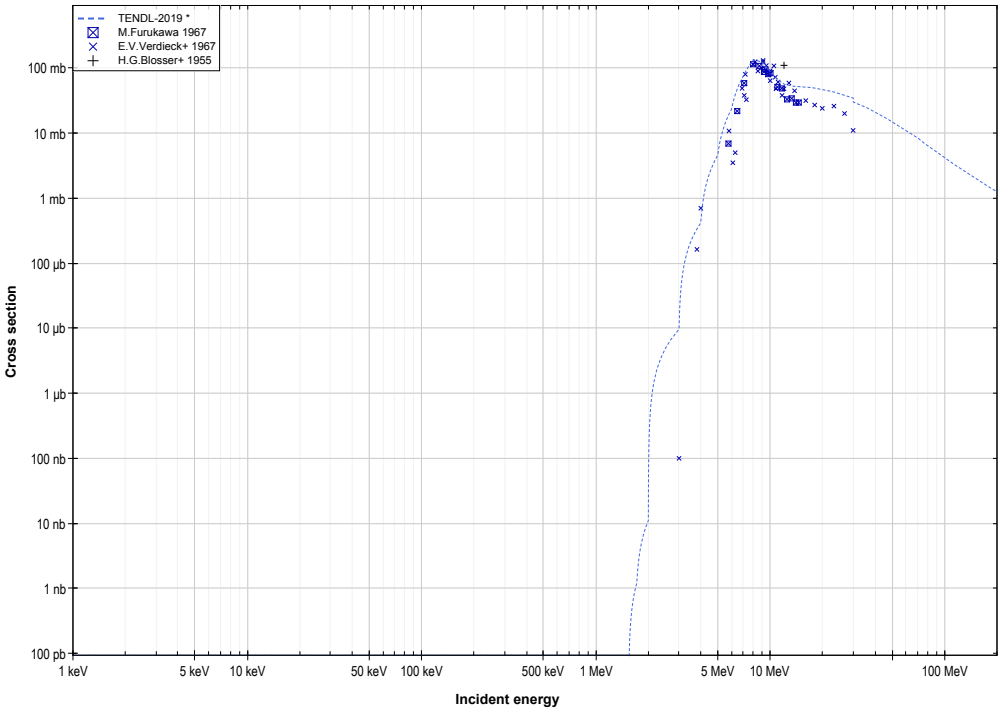
Ce140 (p,α) or La137 production lin-log



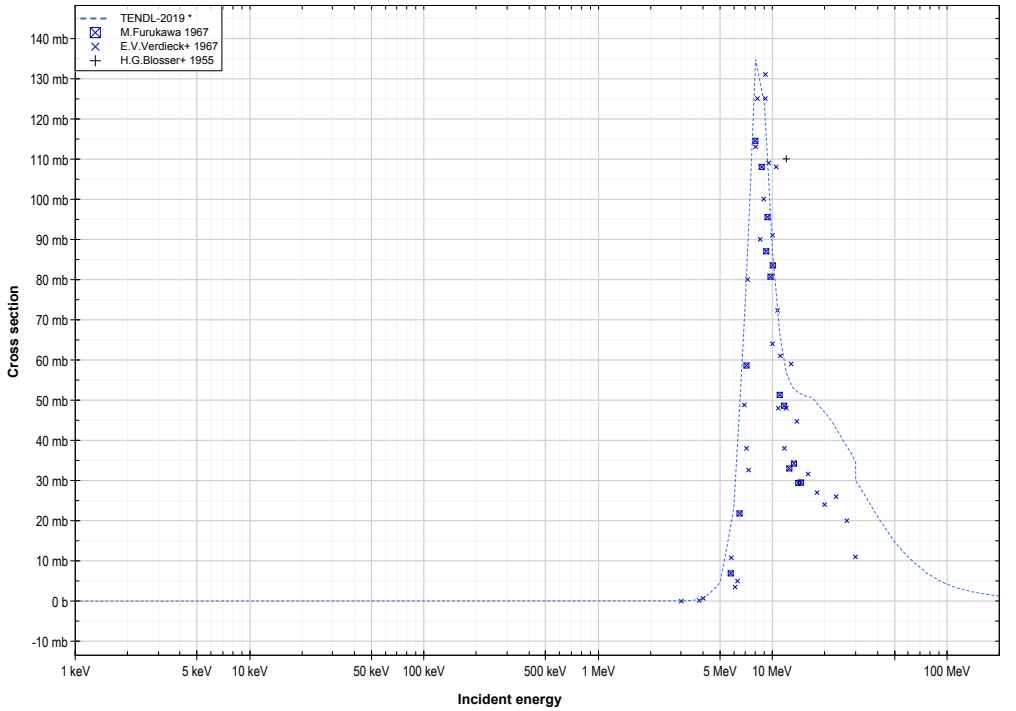
Reaction	Q-Value
Ce140(p,α)La137	3928.66 keV
Ce140(p,p+t)La137	-15885.21 keV
Ce140(p,n+He3)La137	-16648.96 keV
Ce140(p,2d)La137	-19917.87 keV
Ce140(p,n+p+d)La137	-22142.44 keV
Ce140(p,2n+2p)La137	-24367.00 keV

<< 58-Ce-140	**58-Ce-142**	59-Pr-141 >>
<< 58-Ce-140 MT107 (p,α)	**MT4 (p,n) or MT5 (Pr142 production)**	MT28 (p,n+p) >>

Ce142 (p,n) or Pr142 production log-log



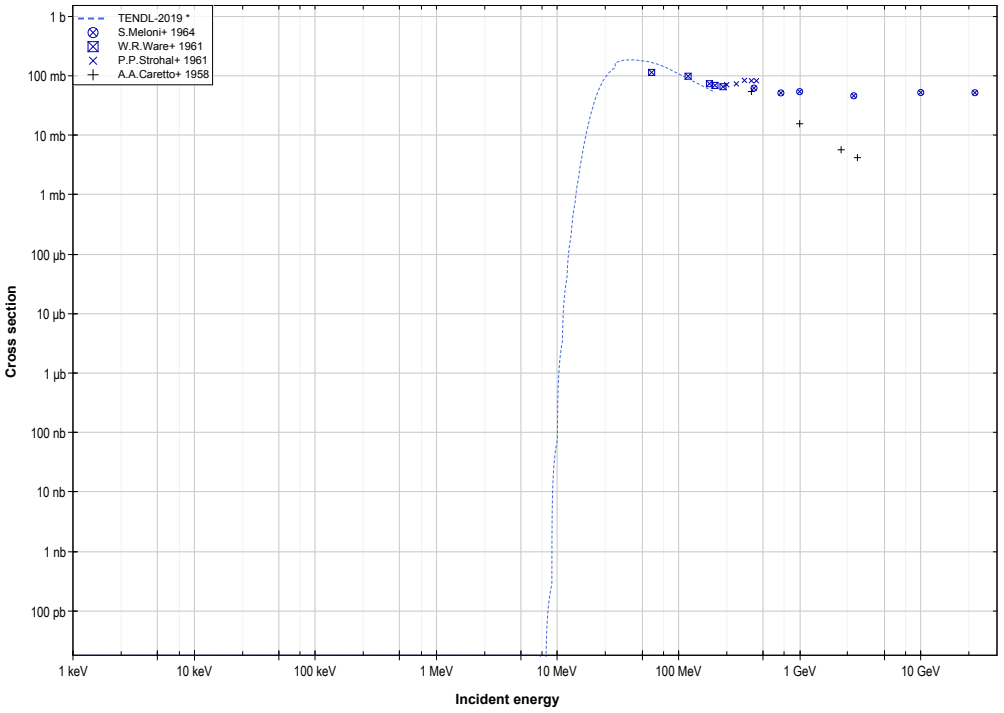
Ce142 (p,n) or Pr142 production lin-log



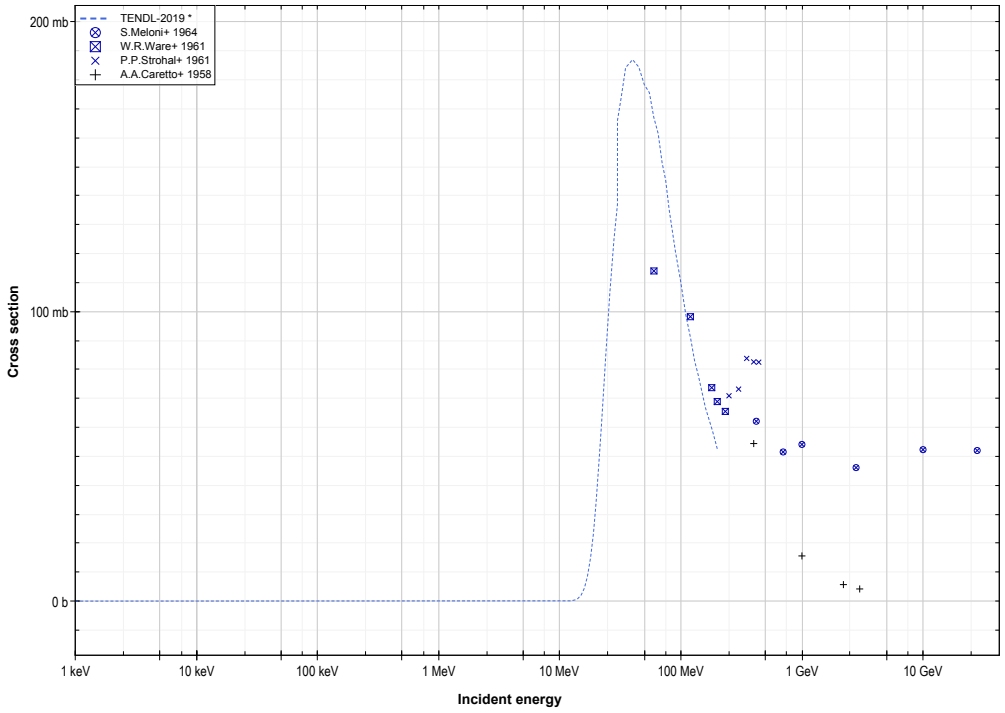
Reaction	Q-Value
Ce142(p,n)Pr142	-1528.05 keV

<< 55-Cs-133	**58-Ce-142**	60-Nd-150 >>
<< MT4 (p,n)	**MT28 (p,n+p) or MT5 (Ce141 production)**	MT102 (p,γ) >>

Ce142 (p,n+p) or Ce141 production log-log



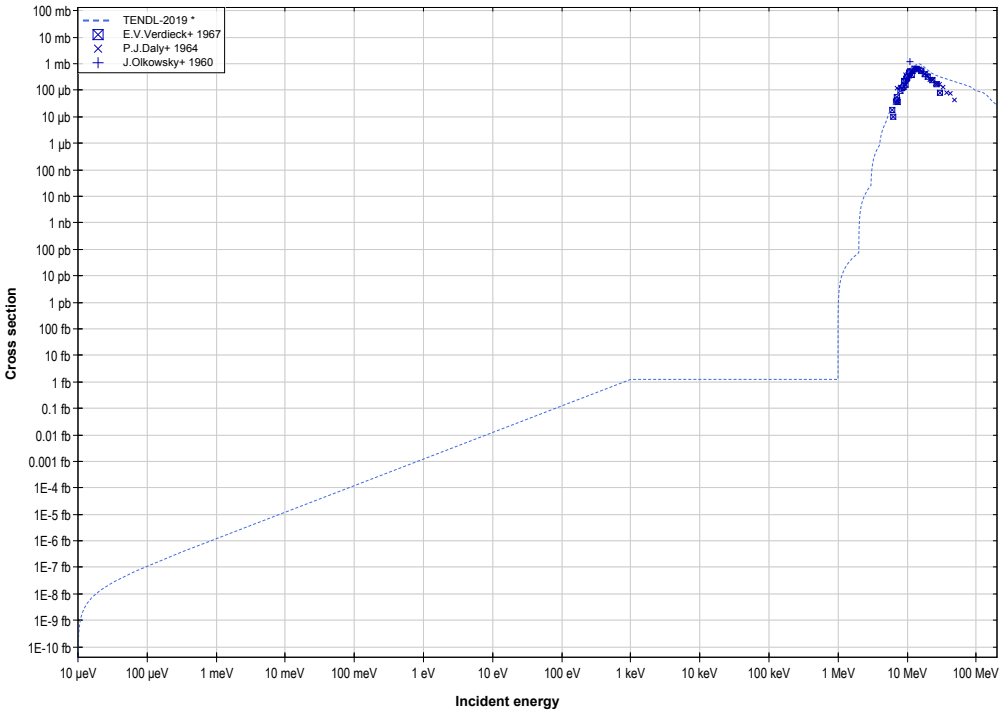
Ce142 (p,n+p) or Ce141 production lin-log



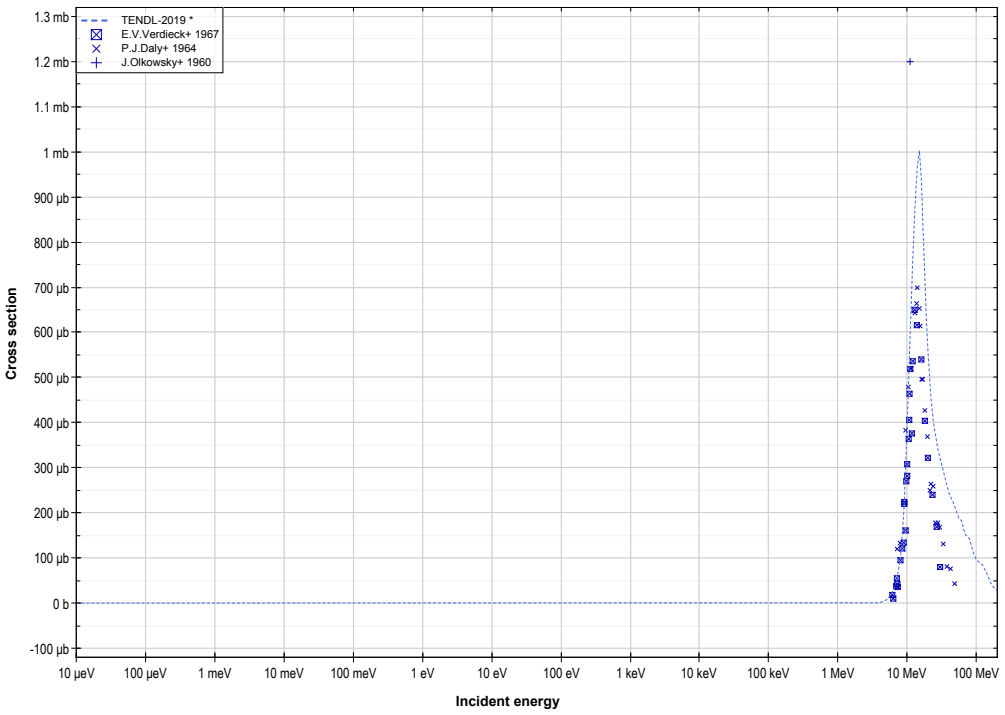
Reaction	Q-Value
Ce142(p,d)Ce141	-4947.05 keV
Ce142(p,n+p)Ce141	-7171.62 keV

<< 52-Te-130	**58-Ce-142**	83-Bi-209 >>
<< MT28 (p,n+p)	**MT102 (p,γ) or MT5 (Pr143 production)**	MT104 (p,d) >>

Ce142 (p,γ) or Pr143 production log-log



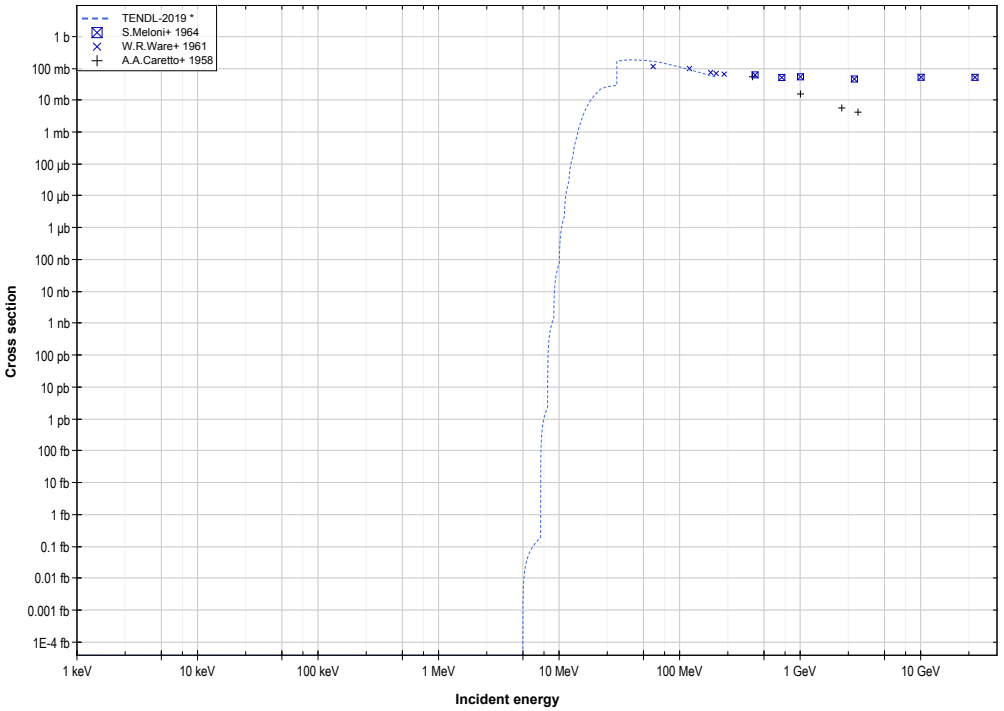
Ce142 (p,γ) or Pr143 production lin-log



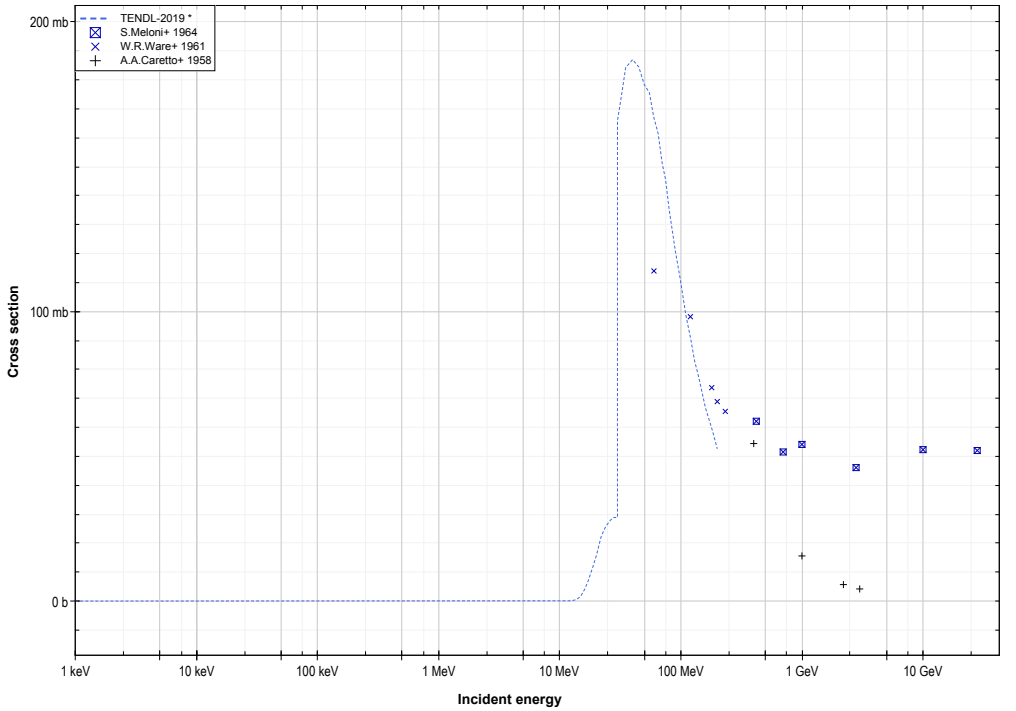
Reaction	Q-Value
Ce142(p,γ)Pr143	5823.97 keV

<< 55-Cs-133	**58-Ce-142**	60-Nd-142 >>
<< MT102 (p,γ)	**MT104 (p,d) or MT5 (Ce141 production)**	MT111 (p,2p) >>

Ce142 (p,d) or Ce141 production log-log



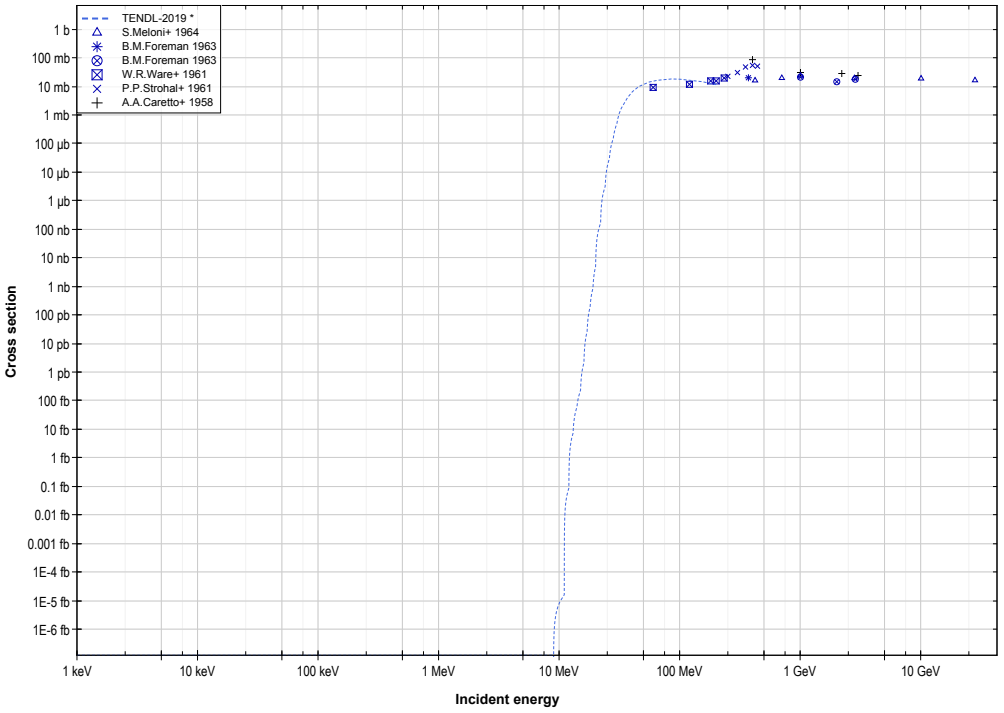
Ce142 (p,d) or Ce141 production lin-log



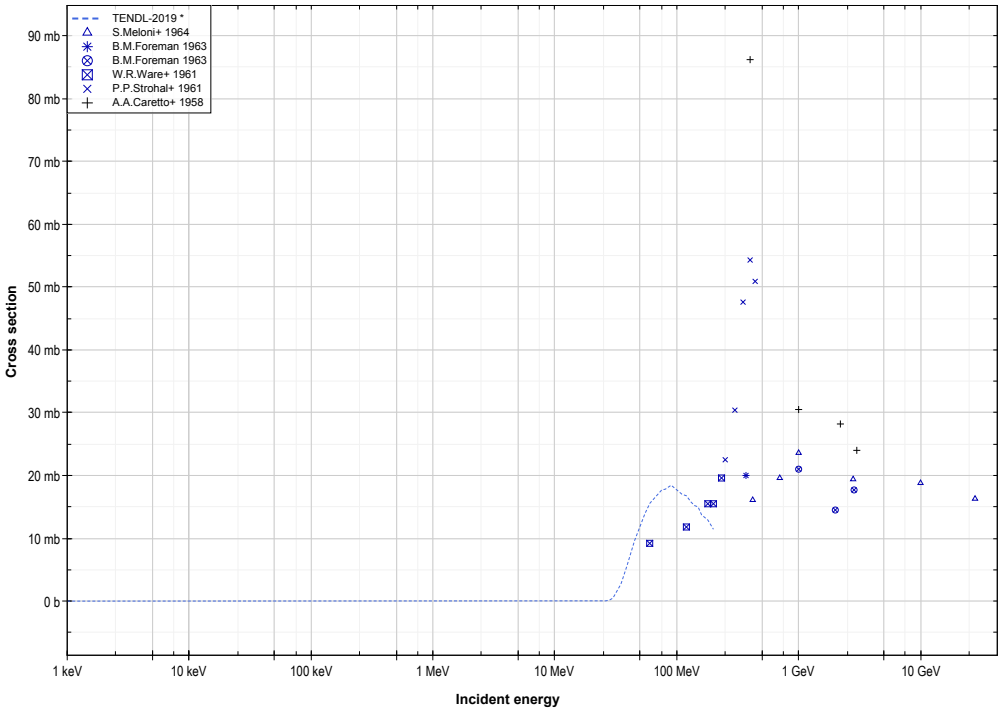
Reaction	Q-Value
Ce142(p,d)Ce141	-4947.05 keV
Ce142(p,n+p)Ce141	-7171.62 keV

<< 52-Te-130	**58-Ce-142**	74-W-186 >>
<< MT104 (p,d)	**MT111 (p,2p) or MT5 (La141 production)**	59-Pr-141 MT4 (p,n) >>

Ce142 (p,2p) or La141 production log-log



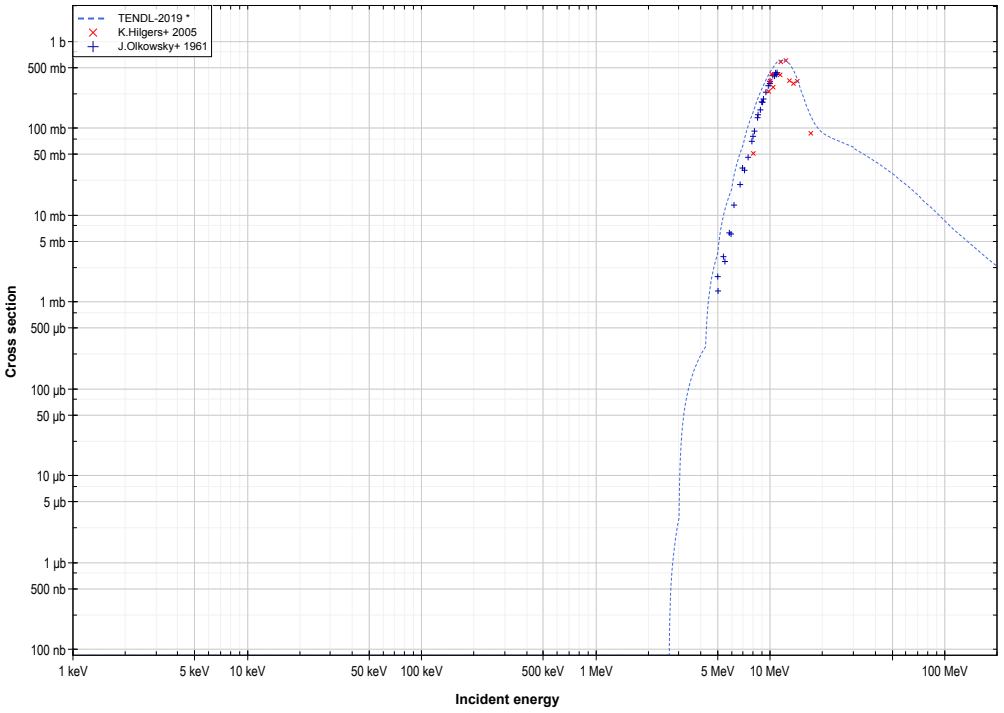
Ce142 (p,2p) or La141 production lin-log



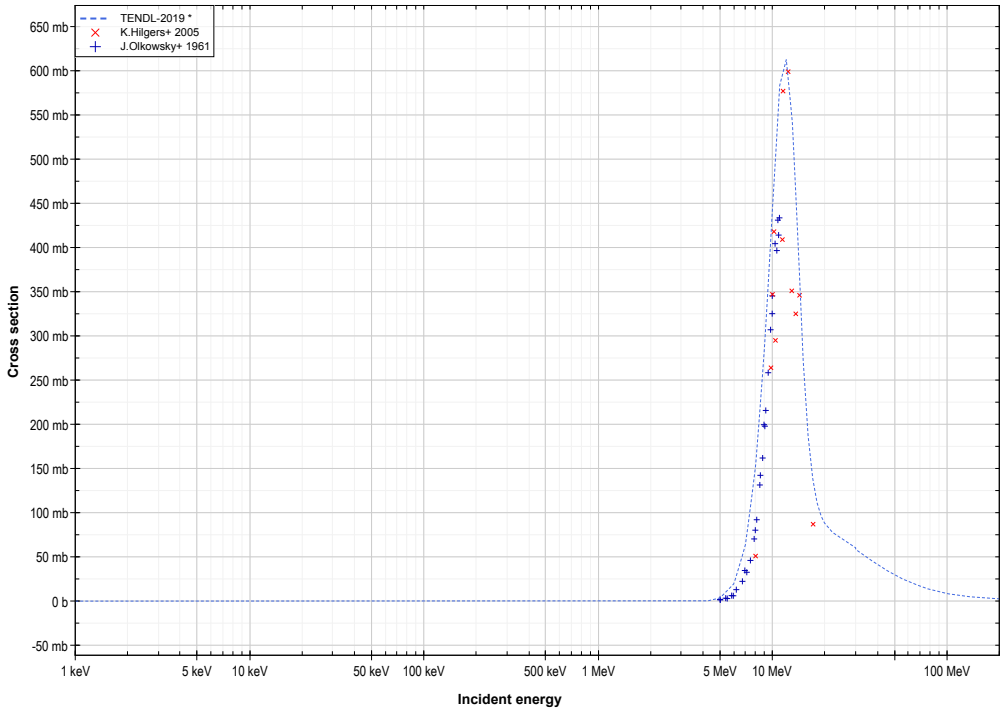
Reaction	Q-Value
Ce142(p,2p)La141	-8890.17 keV

<< 58-Ce-142	**59-Pr-141**	60-Nd-148 >>
<< 58-Ce-142 MT111 (p,2p)	**MT4 (p,n) or MT5 (Nd141 production)**	MT16 (p,2n) >>

Pr141 (p,n) or Nd141 production log-log



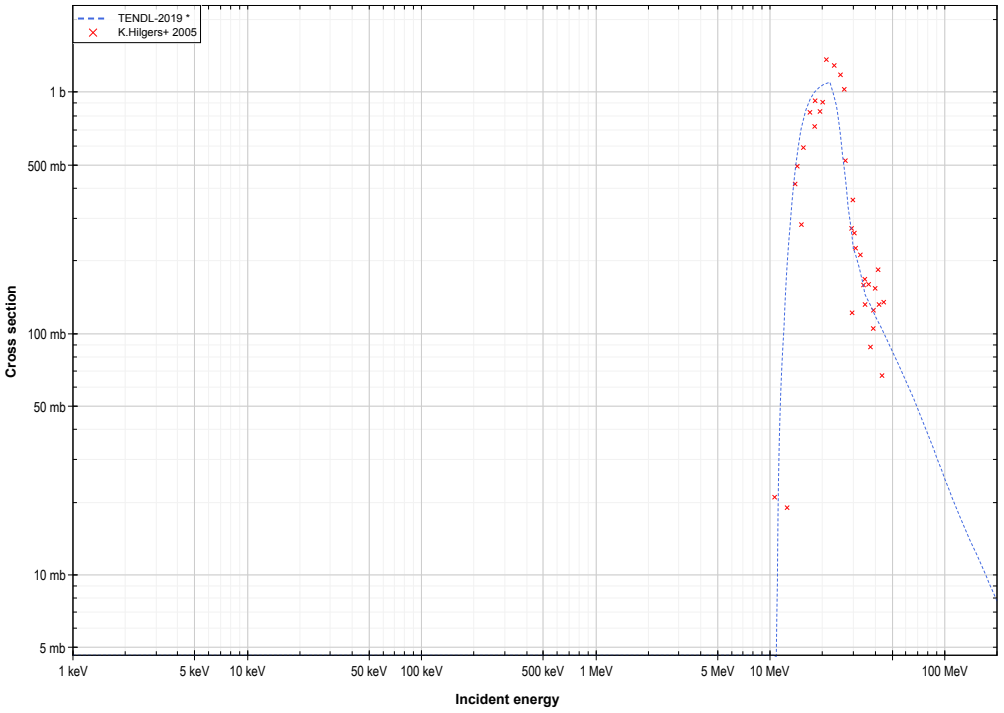
Pr141 (p,n) or Nd141 production lin-log



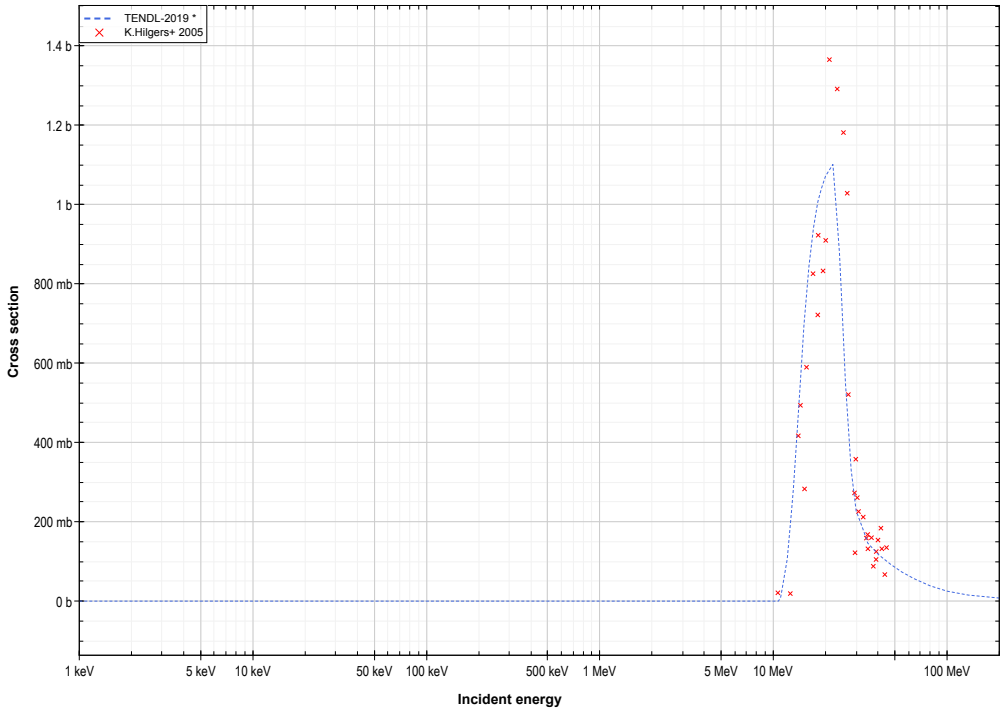
Reaction	Q-Value
Pr141(p,n)Nd141	-2604.95 keV

<< 58-Ce-140	**59-Pr-141**	60-Nd-150 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Nd140 production)**	MT17 (p,3n) >>

Pr141 (p,2n) or Nd140 production log-log



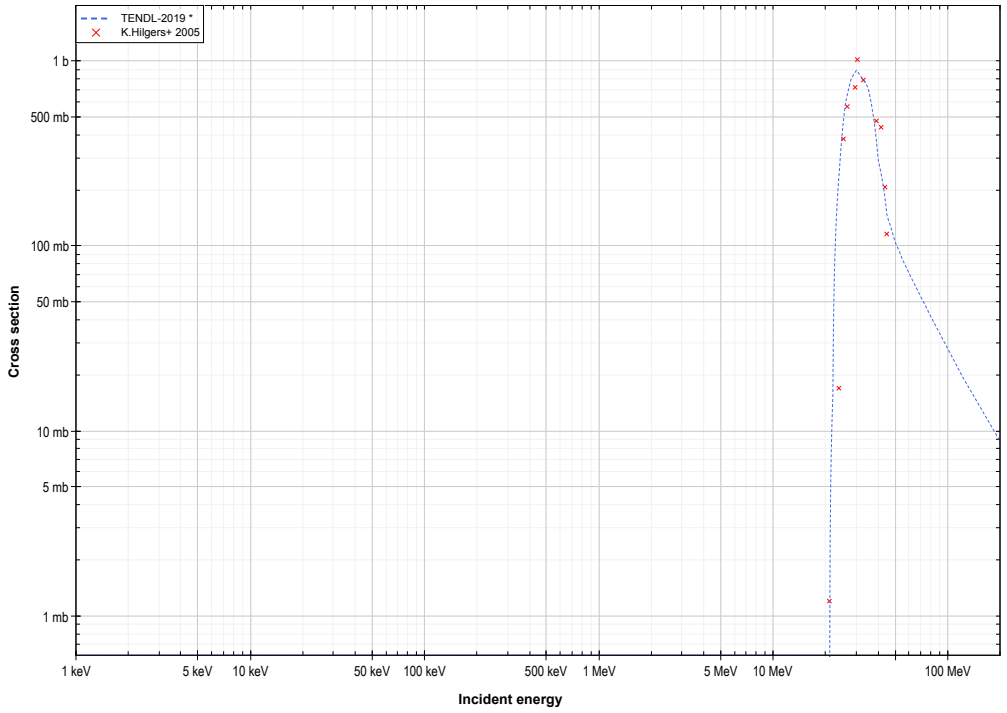
Pr141 (p,2n) or Nd140 production lin-log



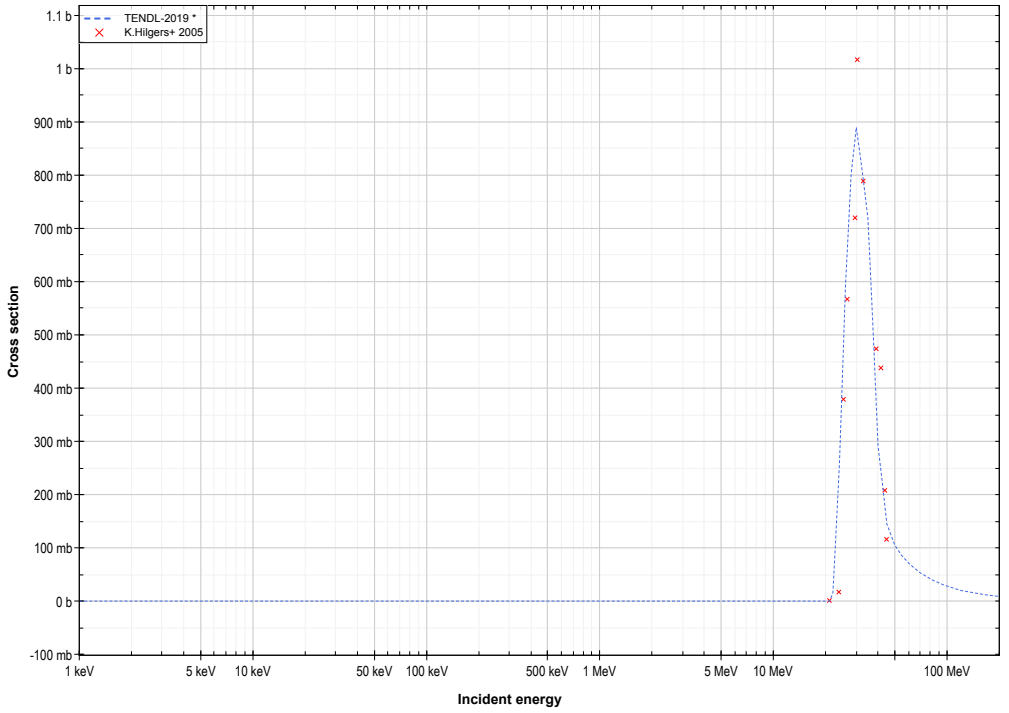
Reaction	Q-Value
Pr141(p,2n)Nd140	-10610.26 keV

<< 58-Ce-140	**59-Pr-141**	63-Eu-151 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Nd139 production)**	MT37 (p,4n) >>

Pr141 (p,3n) or Nd139 production log-log



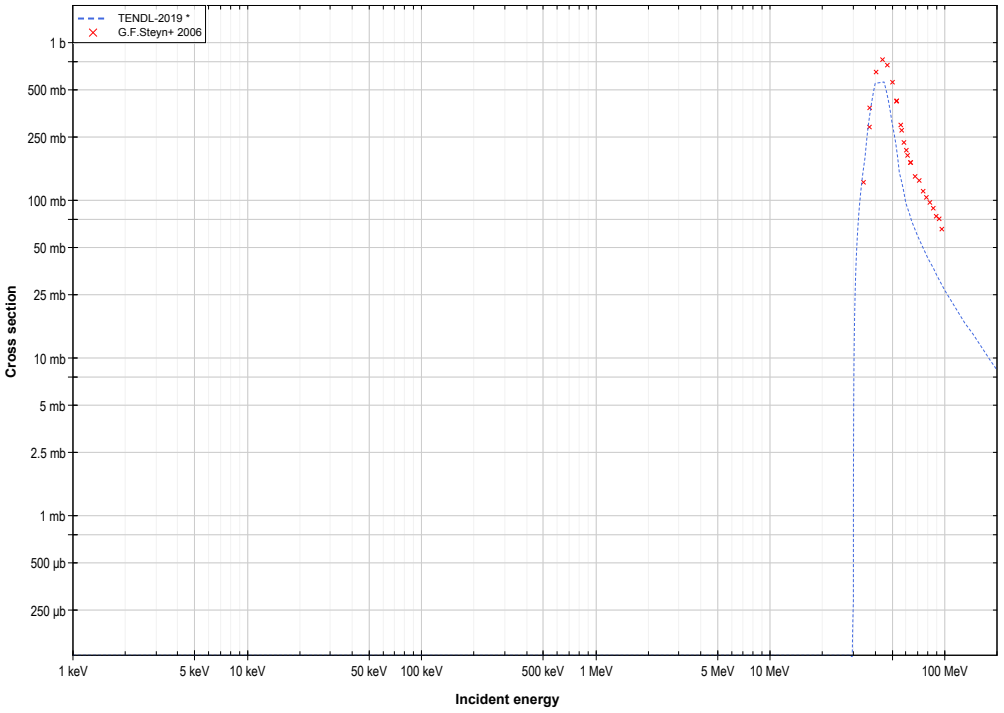
Pr141 (p,3n) or Nd139 production lin-log



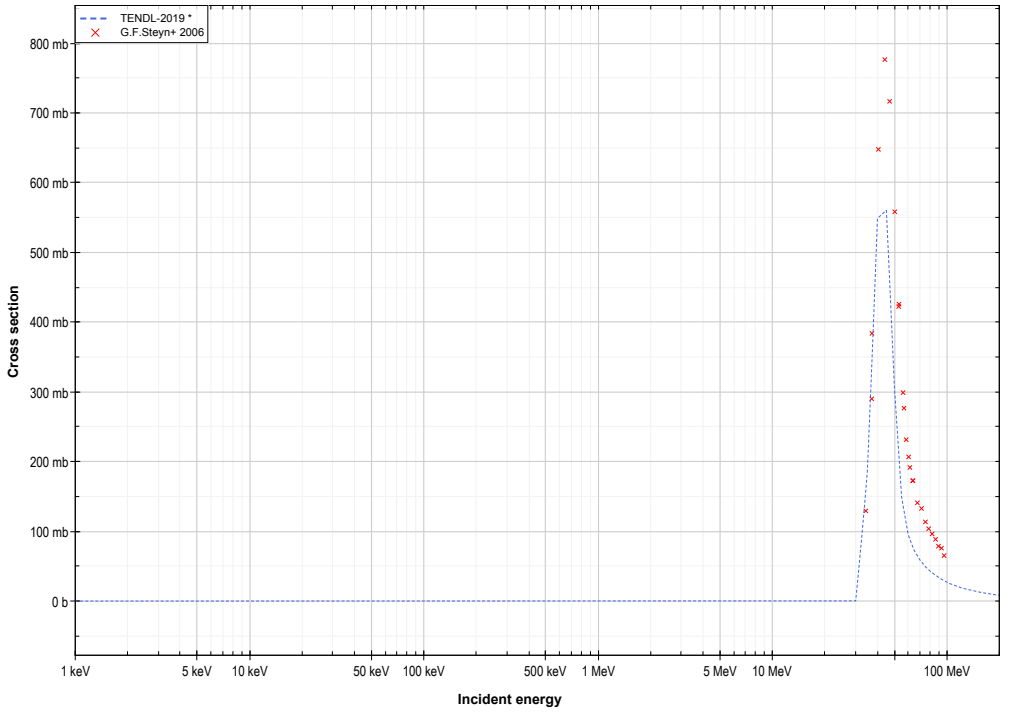
Reaction	Q-Value
Pr141(p,3n)Nd139	-20926.58 keV

<< 52-Te-126	**59-Pr-141**	66-Dy-163 >>
<< MT17 (p,3n)	**MT37 (p,4n) or MT5 (Nd138 production)**	MT152 (p,5n) >>

Pr141 (p,4n) or Nd138 production log-log



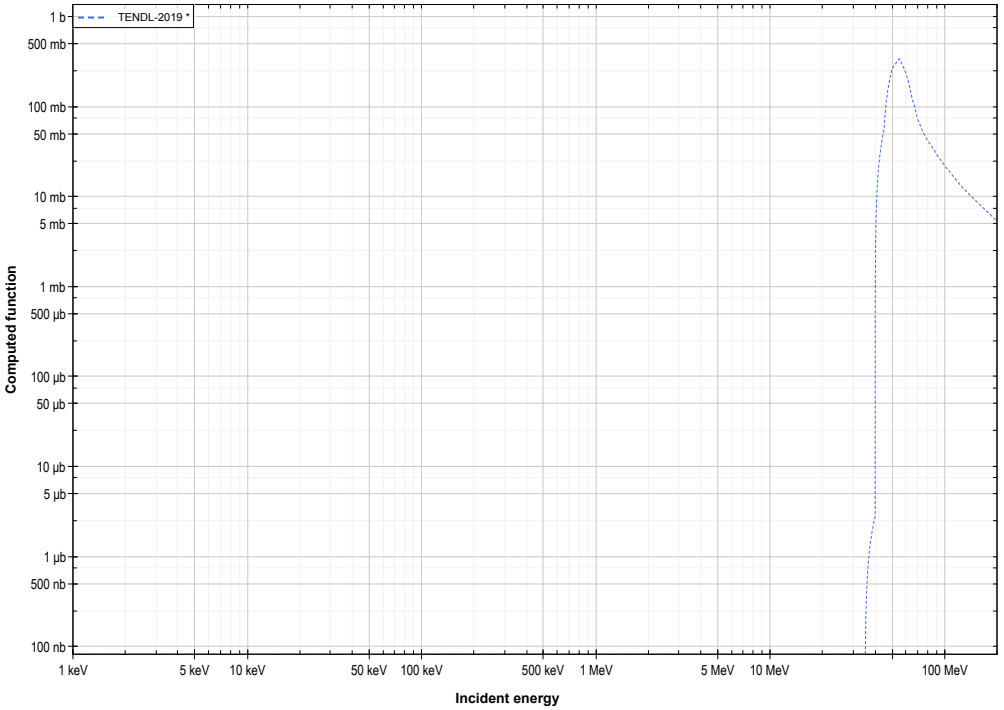
Pr141 (p,4n) or Nd138 production lin-log



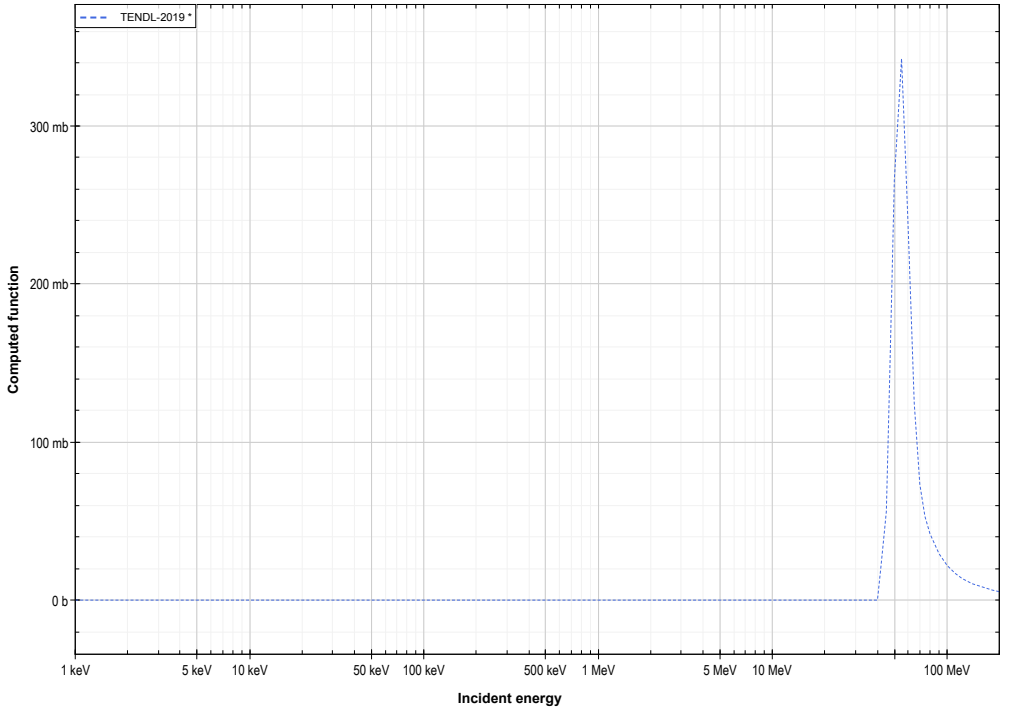
Reaction	Q-Value
Pr141(p,4n)Nd138	-28993.90 keV

<< 57-La-139	**59-Pr-141**	65-Tb-159 >>
<< MT37 (p,4n)	**MT152 (p,5n) or MT5 (Nd137 production)**	MT153 (p,6n) >>

Pr141 (p,5n) or Nd137 production log-log



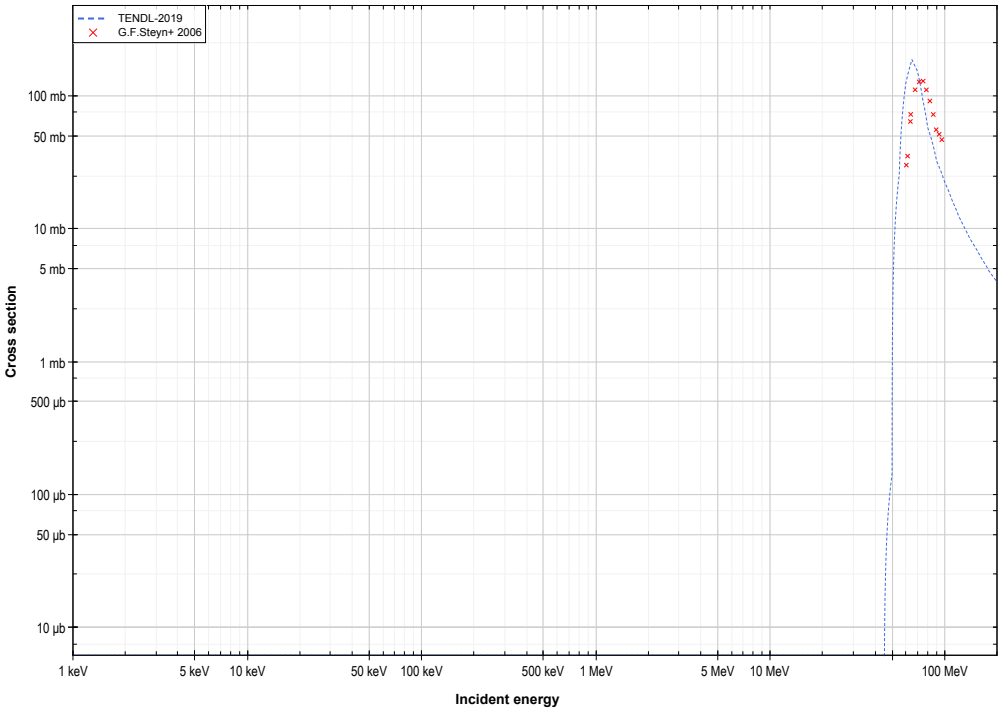
Pr141 (p,5n) or Nd137 production lin-log



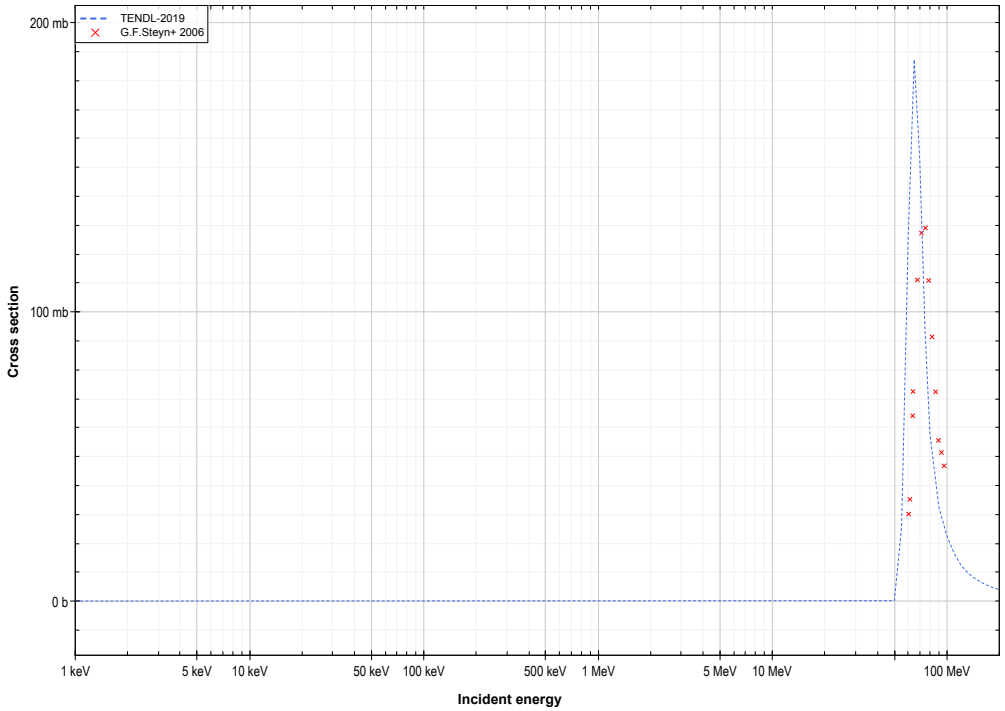
Reaction	Q-Value
Pr141(p,5n)Nd137	-39498.21 keV

<< 57-La-139	**59-Pr-141**	67-Ho-165 >>
<< MT152 (p,5n)	**MT153 (p,6n) or MT5 (Nd136 production)**	MT154 (p,2n+t) >>

Pr141 (p,6n) or Nd136 production log-log



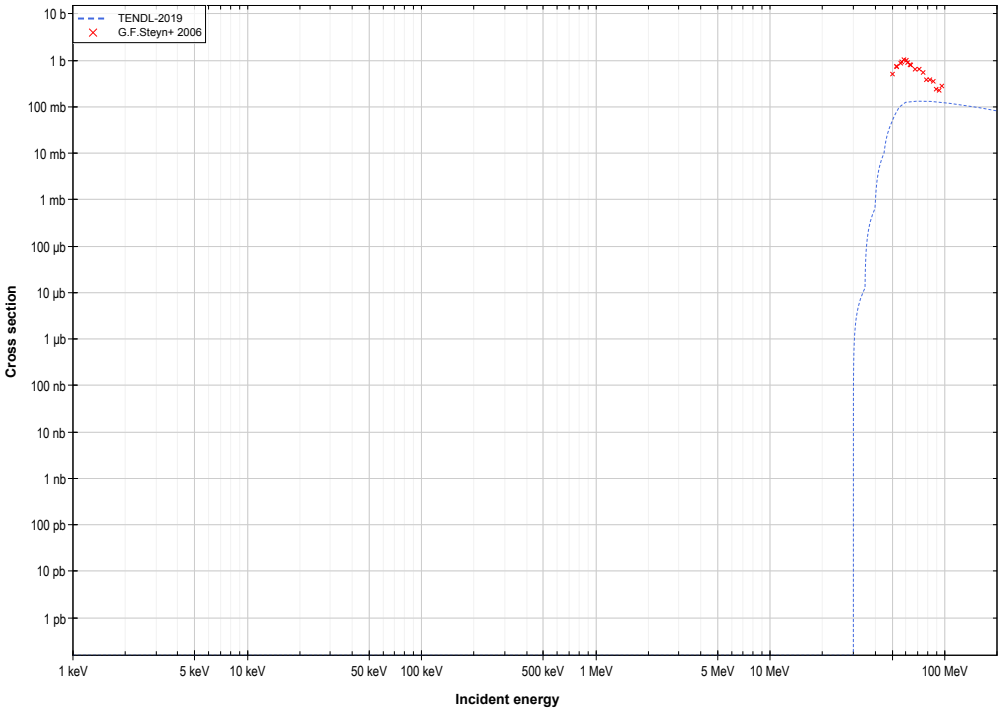
Pr141 (p,6n) or Nd136 production lin-log



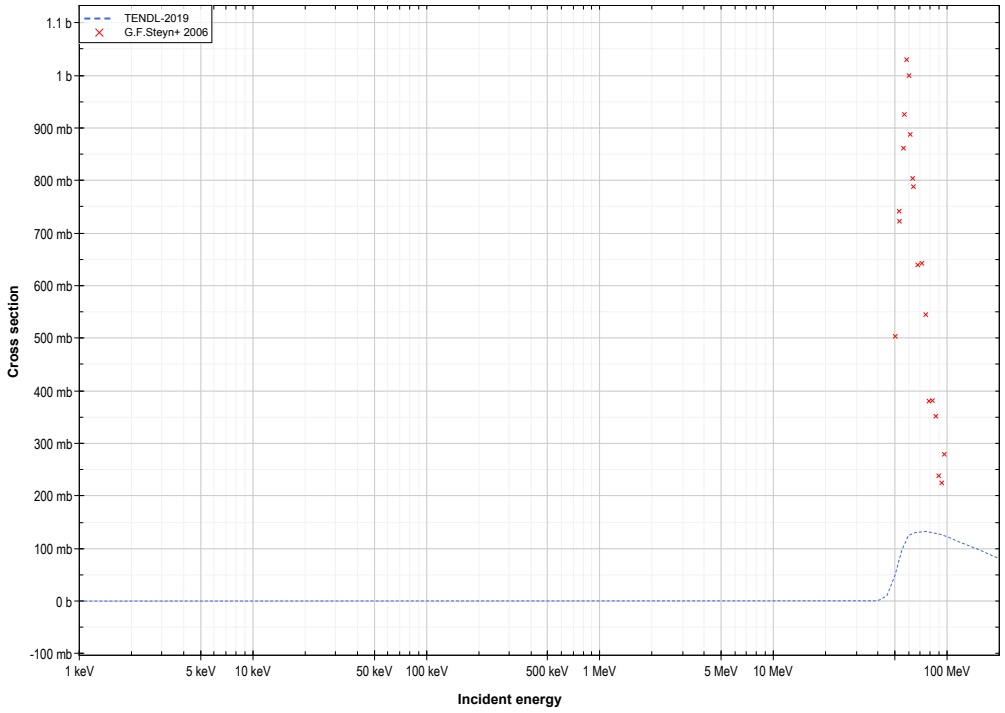
Reaction	Q-Value
Pr141(p,6n)Nd136	-47955.53 keV

<< 57-La-139	**59-Pr-141**	90-Th-232 >>
<< MT153 (p,6n)	**MT154 (p,2n+t) or MT5 (Pr137 production)**	MT156 (p,4n+p) >>

Pr141 (p,2n+t) or Pr137 production log-log



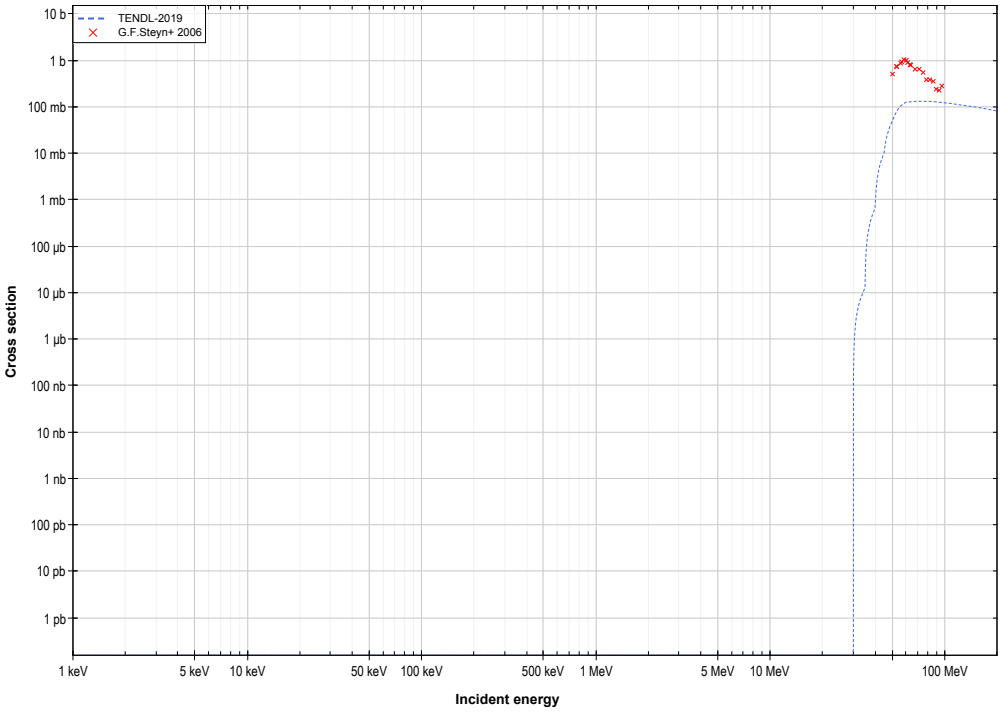
Pr141 (p,2n+t) or Pr137 production lin-log



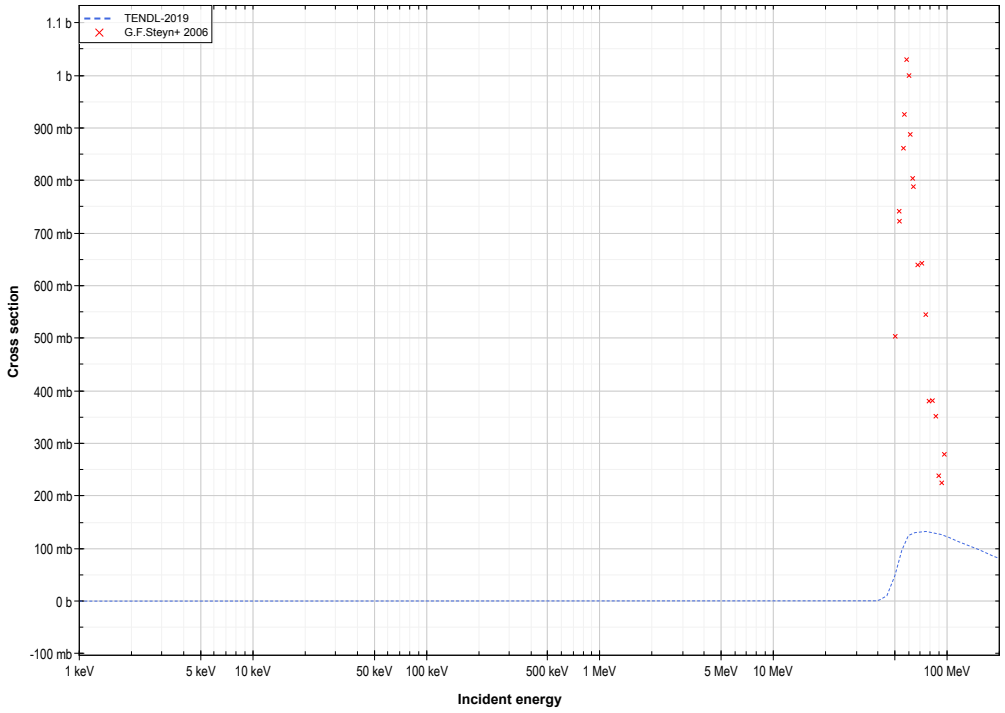
Reaction	Q-Value
Pr141(p,2n+t)Pr137	-26617.07 keV
Pr141(p,3n+d)Pr137	-32874.30 keV
Pr141(p,4n+p)Pr137	-35098.87 keV

<< 57-La-139	**59-Pr-141**	90-Th-232 >>
<< MT154 (p,2n+t)	**MT156 (p,4n+p) or MT5 (Pr137 production)**	MT157 (p,3n+d) >>

Pr141 (p,4n+p) or Pr137 production log-log



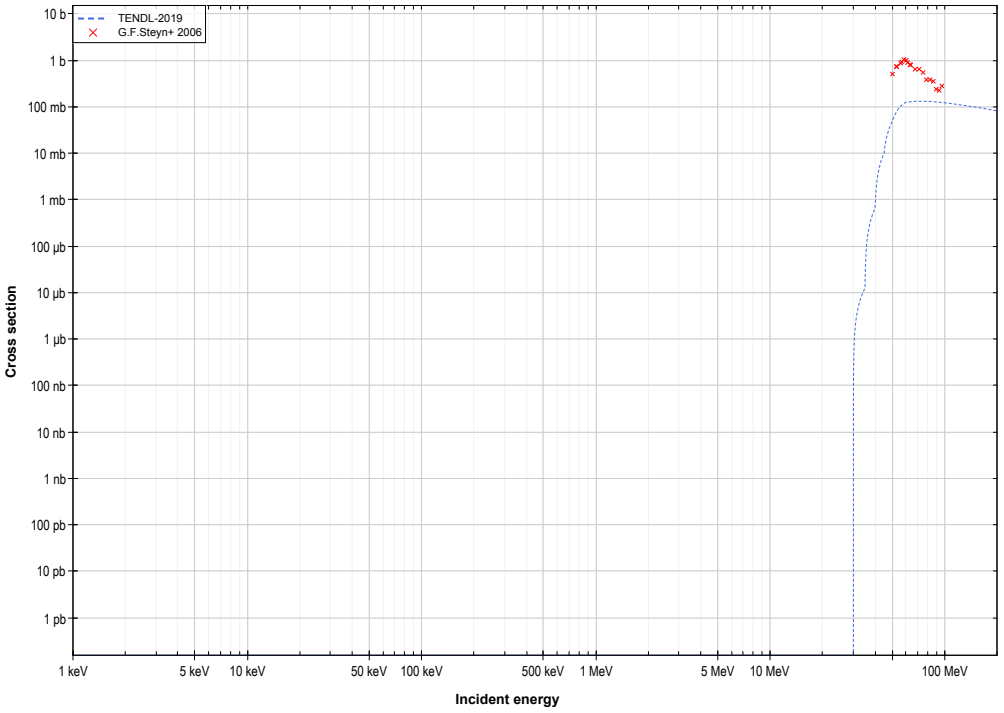
Pr141 (p,4n+p) or Pr137 production lin-log



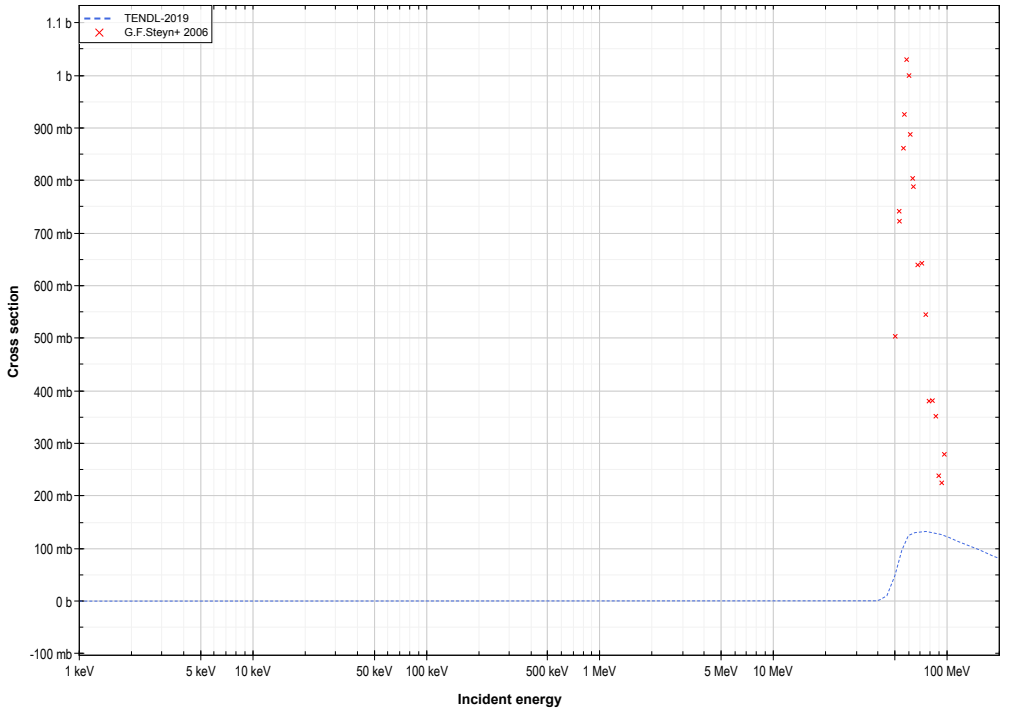
Reaction	Q-Value
Pr141(p,2n+t)Pr137	-26617.07 keV
Pr141(p,3n+d)Pr137	-32874.30 keV
Pr141(p,4n+p)Pr137	-35098.87 keV

<< 57-La-139	**59-Pr-141**	90-Th-232 >>
<< MT156 (p,4n+p)	**MT157 (p,3n+d) or MT5 (Pr137 production)**	MT160 (p,7n) >>

Pr141 (p,3n+d) or Pr137 production log-log



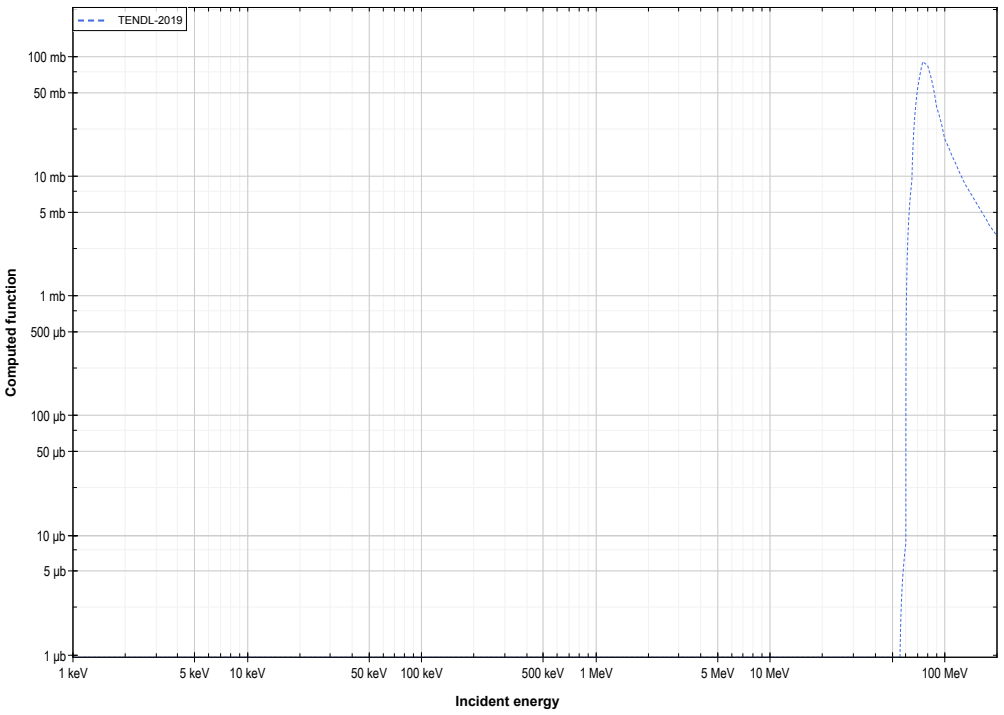
Pr141 (p,3n+d) or Pr137 production lin-log



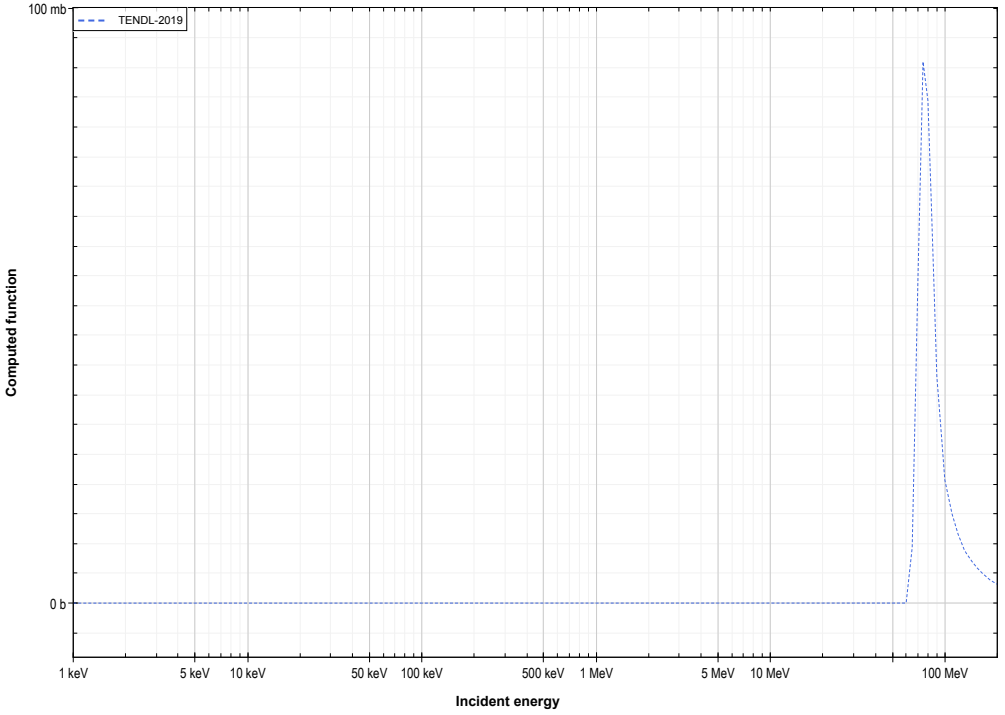
Reaction	Q-Value
Pr141(p,2n+t)Pr137	-26617.07 keV
Pr141(p,3n+d)Pr137	-32874.30 keV
Pr141(p,4n+p)Pr137	-35098.87 keV

<< 57-La-139	**59-Pr-141**	65-Tb-159 >>
<< MT157 (p,3n+d)	**MT160 (p,7n) or MT5 (Nd135 production)**	MT162 (p,5n+p) >>

Pr141 (p,7n) or Nd135 production log-log



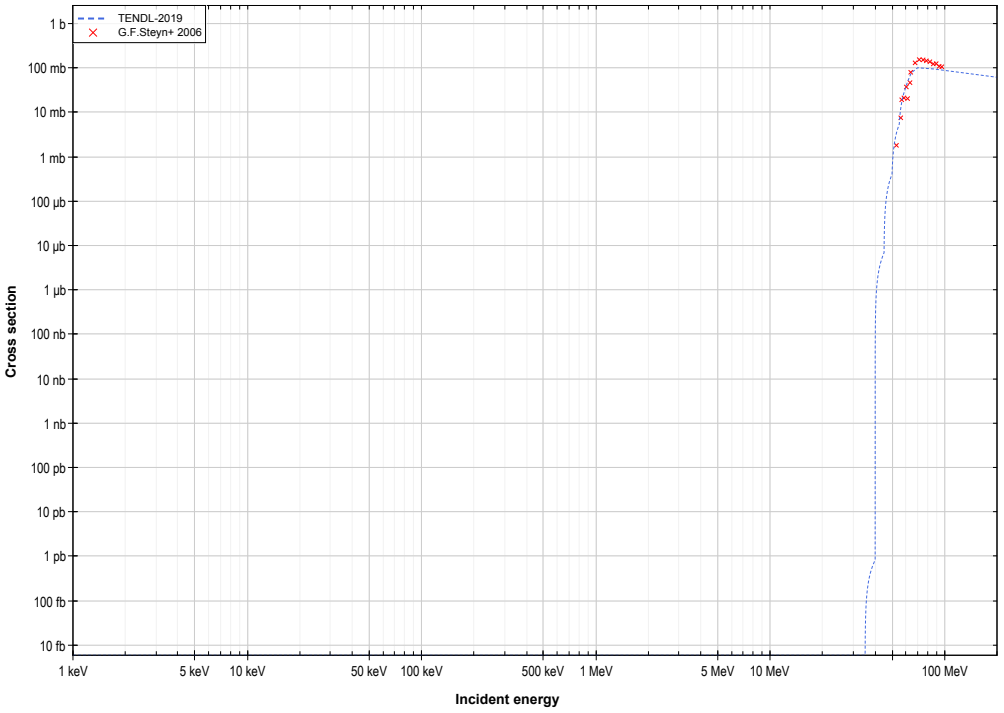
Pr141 (p,7n) or Nd135 production lin-log



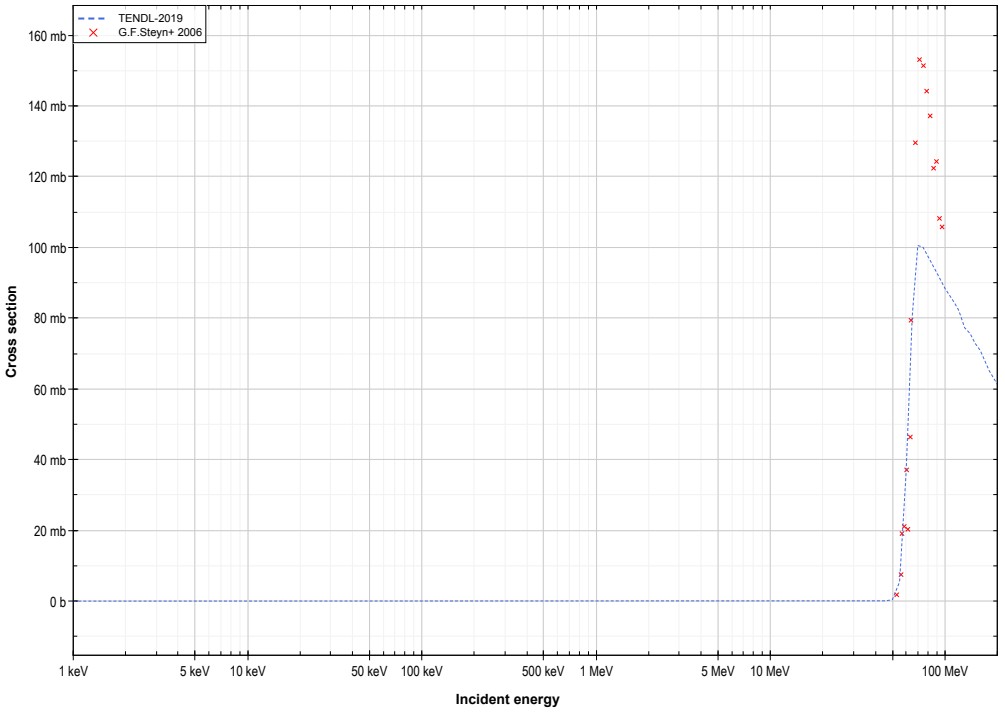
Reaction	Q-Value
Pr141(p,7n)Nd135	-59011.85 keV

<< 52-Te-123	**59-Pr-141**	90-Th-232 >>
<< MT160 (p,7n)	**MT162 (p,5n+p) or MT5 (Pr136 production)**	MT169 (p,4n+d) >>

Pr141 (p,5n+p) or Pr136 production log-log



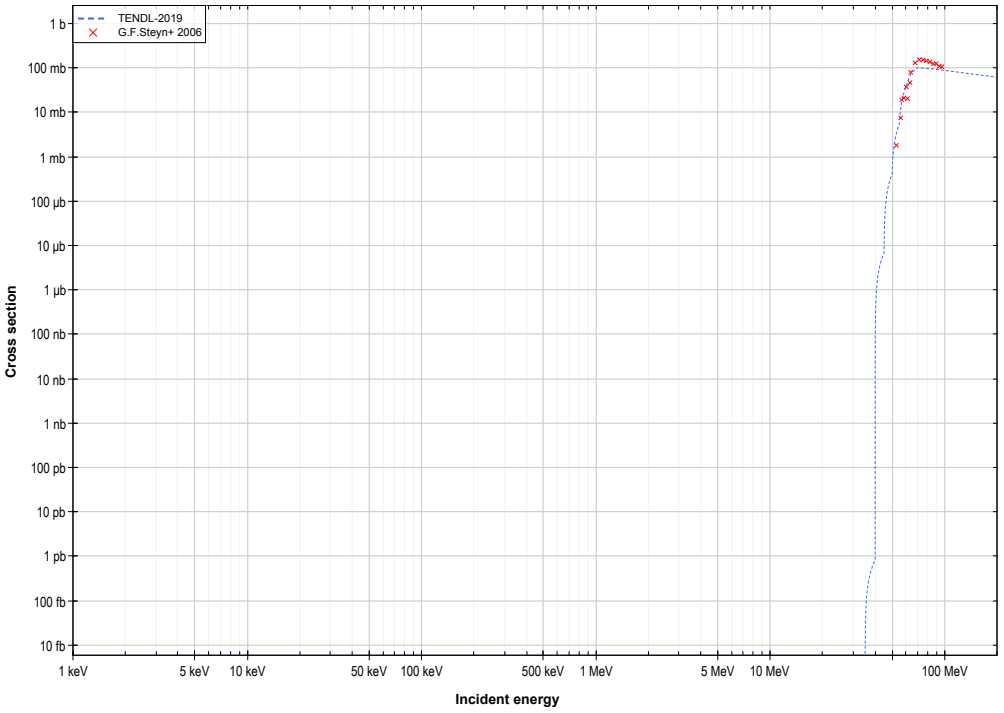
Pr141 (p,5n+p) or Pr136 production lin-log



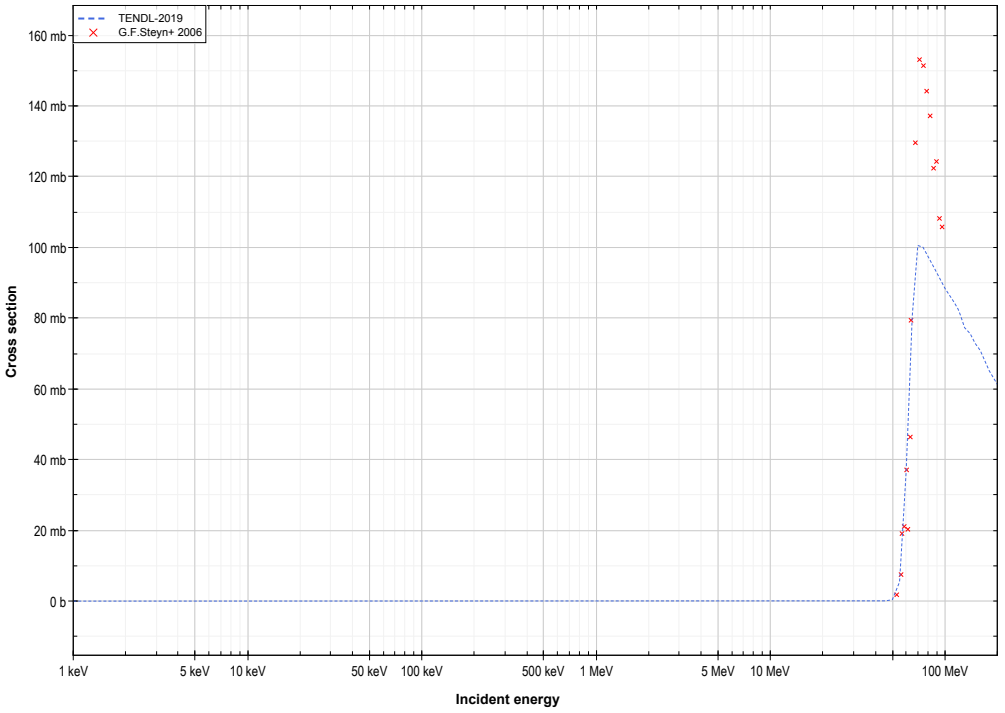
Reaction	Q-Value
Pr141(p,3n+t)Pr136	-36550.39 keV
Pr141(p,4n+d)Pr136	-42807.62 keV
Pr141(p,5n+p)Pr136	-45032.19 keV

<< 52-Te-123	**59-Pr-141**	90-Th-232 >>
<< MT162 (p,5n+p)	**MT169 (p,4n+d) or MT5 (Pr136 production)**	MT172 (p,3n+t) >>

Pr141 (p,4n+d) or Pr136 production log-log



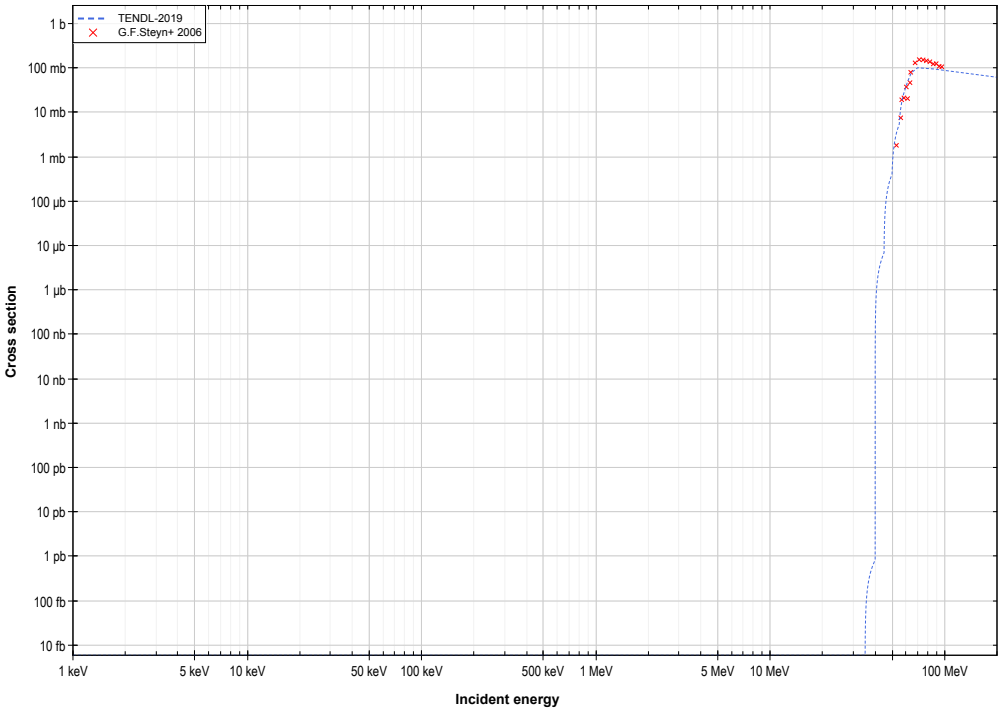
Pr141 (p,4n+d) or Pr136 production lin-log



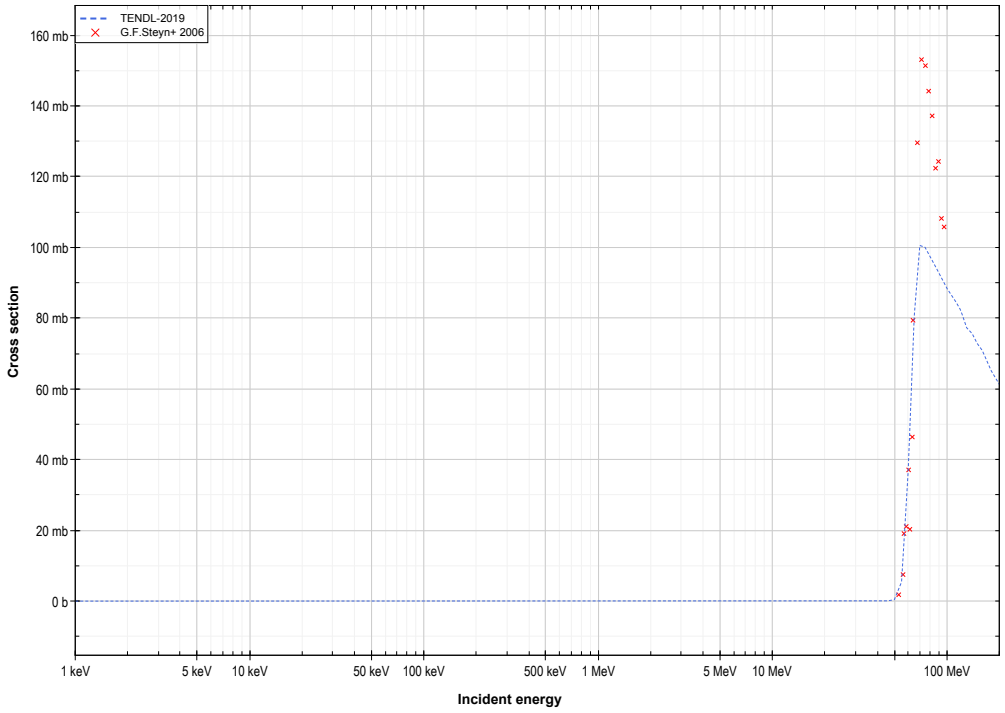
Reaction	Q-Value
Pr141(p,3n+t)Pr136	-36550.39 keV
Pr141(p,4n+d)Pr136	-42807.62 keV
Pr141(p,5n+p)Pr136	-45032.19 keV

<< 52-Te-123	**59-Pr-141**	90-Th-232 >>
<< MT169 (p,4n+d)	**MT172 (p,3n+t) or MT5 (Pr136 production)**	60-Nd-142 MT104 (p,d) >>

Pr141 (p,3n+t) or Pr136 production log-log



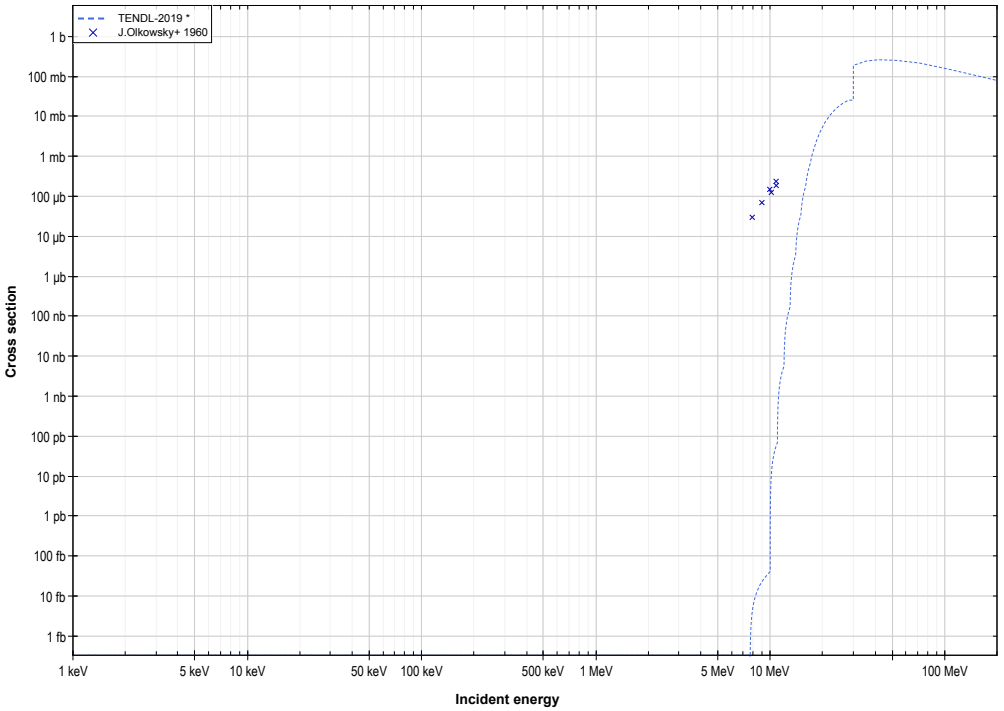
Pr141 (p,3n+t) or Pr136 production lin-log



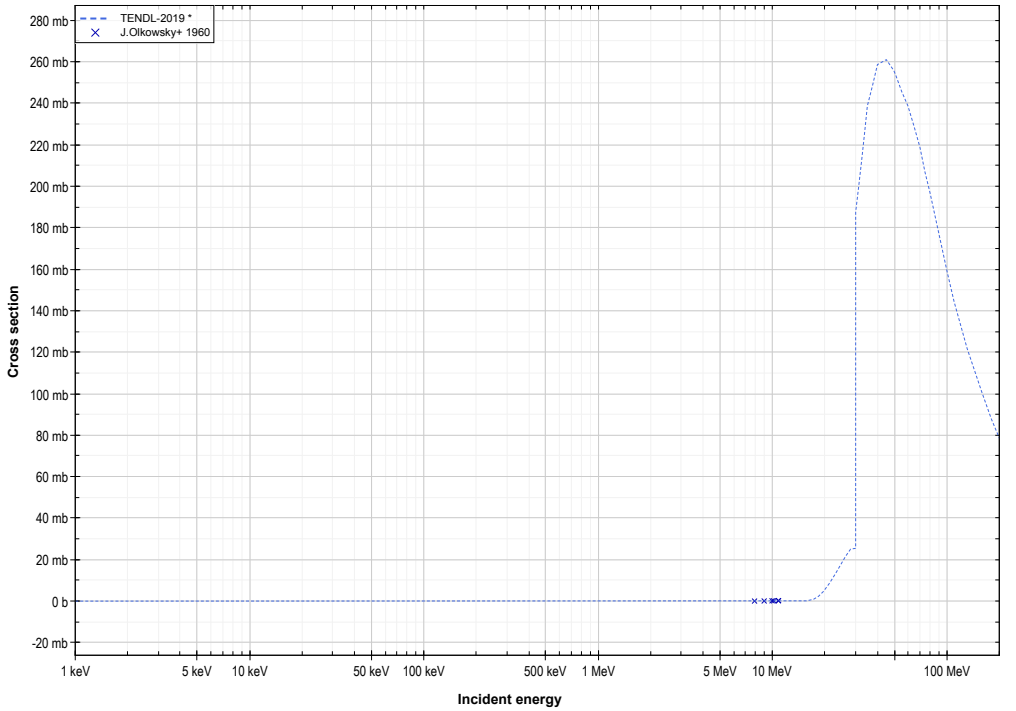
Reaction	Q-Value
Pr141(p,3n+t)Pr136	-36550.39 keV
Pr141(p,4n+d)Pr136	-42807.62 keV
Pr141(p,5n+p)Pr136	-45032.19 keV

<< 58-Ce-142	**60-Nd-142**	60-Nd-150 >>
<< 59-Pr-141 MT172 (p,3n+t)	**MT104 (p,d) or MT5 (Nd141 production)**	60-Nd-148 MT4 (p,n) >>

Nd142 (p,d) or Nd141 production log-log



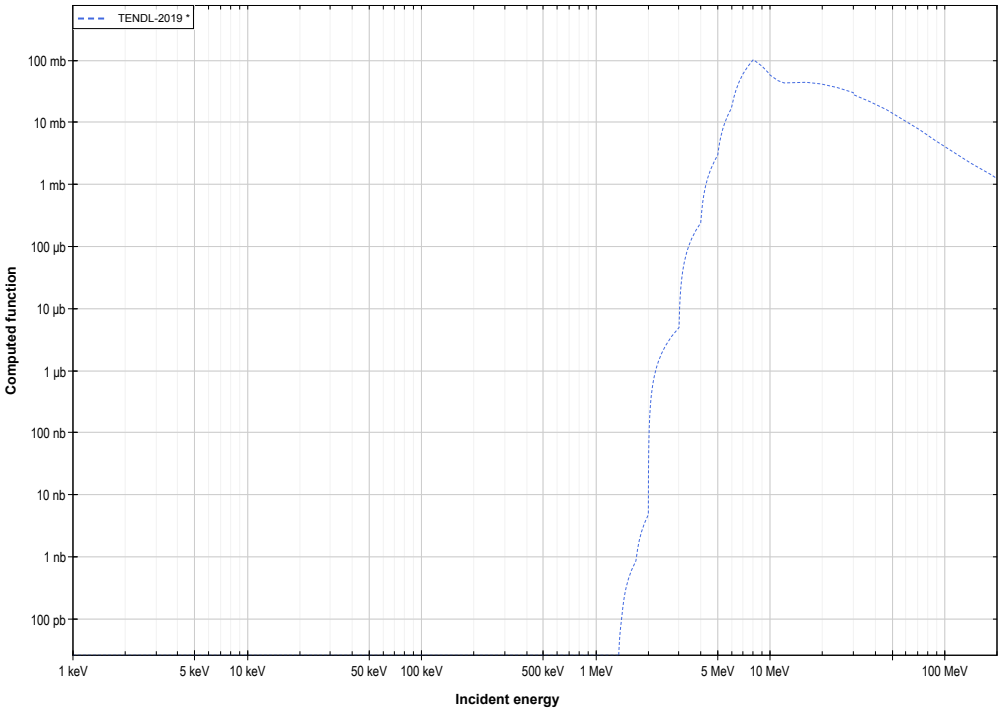
Nd142 (p,d) or Nd141 production lin-log



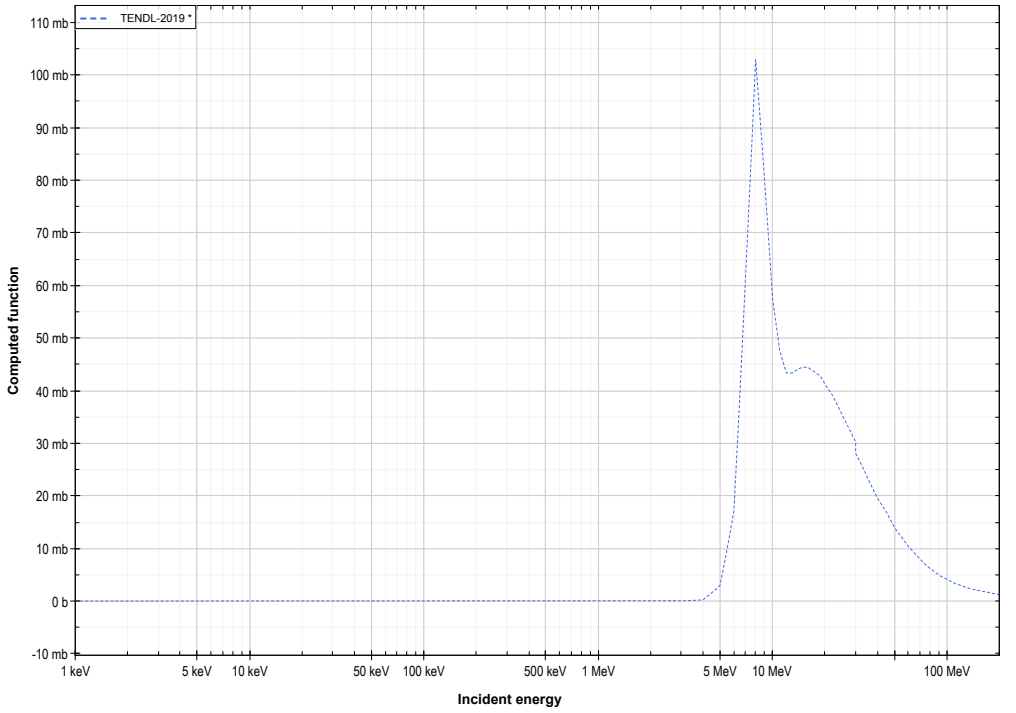
Reaction	Q-Value
Nd142(p,d)Nd141	-7603.75 keV
Nd142(p,n+p)Nd141	-9828.32 keV

<< 59-Pr-141	**60-Nd-148**	60-Nd-150 >>
<< 60-Nd-142 MT104 (p,d)	**MT4 (p,n) or MT5 (Pm148 production)**	60-Nd-150 MT4 (p,n) >>

Nd148 (p,n) or Pm148 production log-log



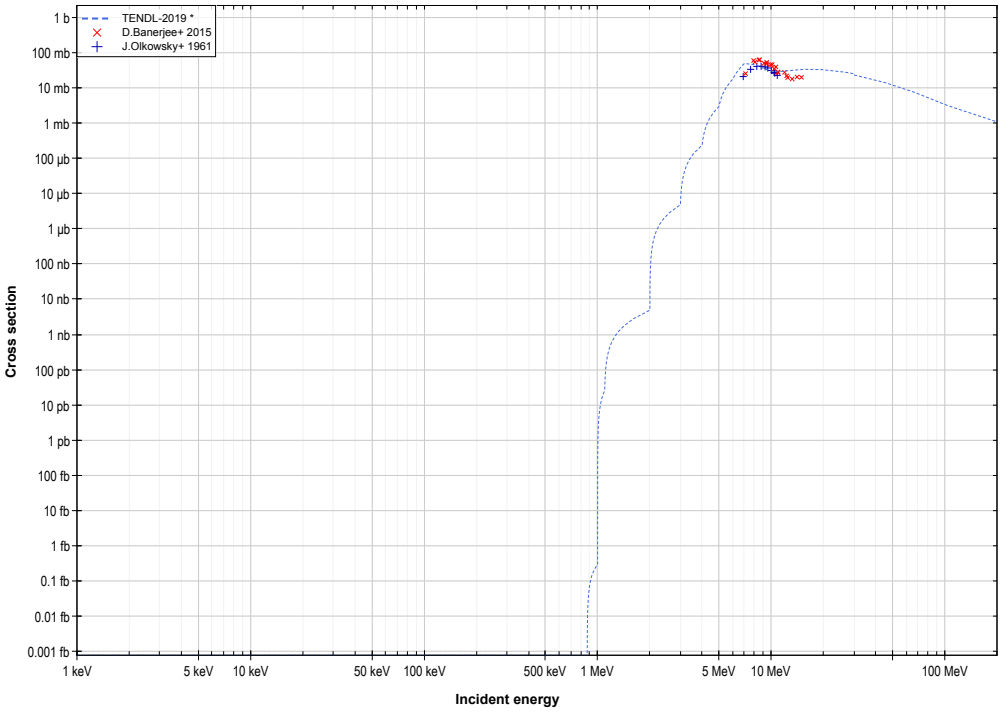
Nd148 (p,n) or Pm148 production lin-log



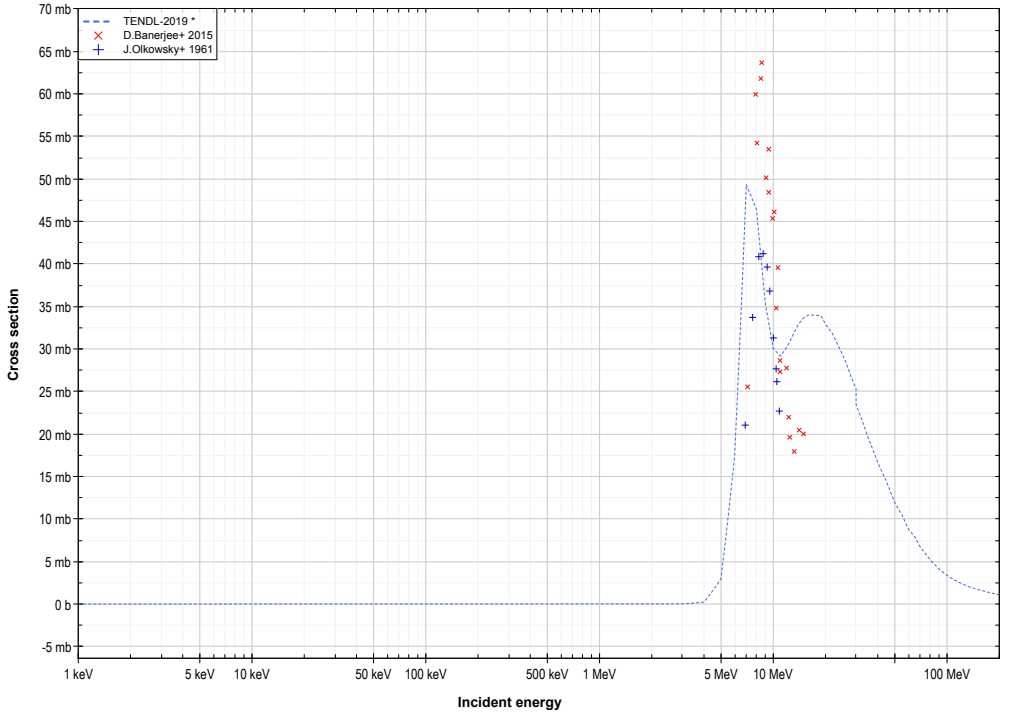
Reaction	Q-Value
Nd148(p,n)Pm148	-1324.35 keV

<< 60-Nd-148	**60-Nd-150**	62-Sm-147 >>
<< 60-Nd-148 MT4 (p,n)	**MT4 (p,n) or MT5 (Pm150 production)**	MT16 (p,2n) >>

Nd150 (p,n) or Pm150 production log-log



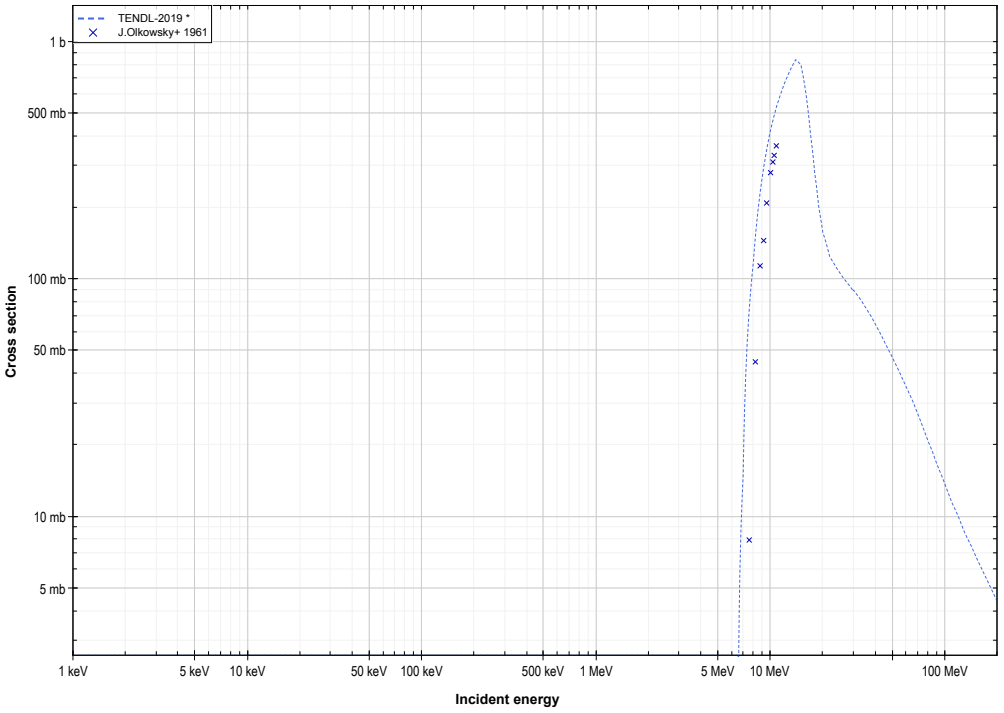
Nd150 (p,n) or Pm150 production lin-log



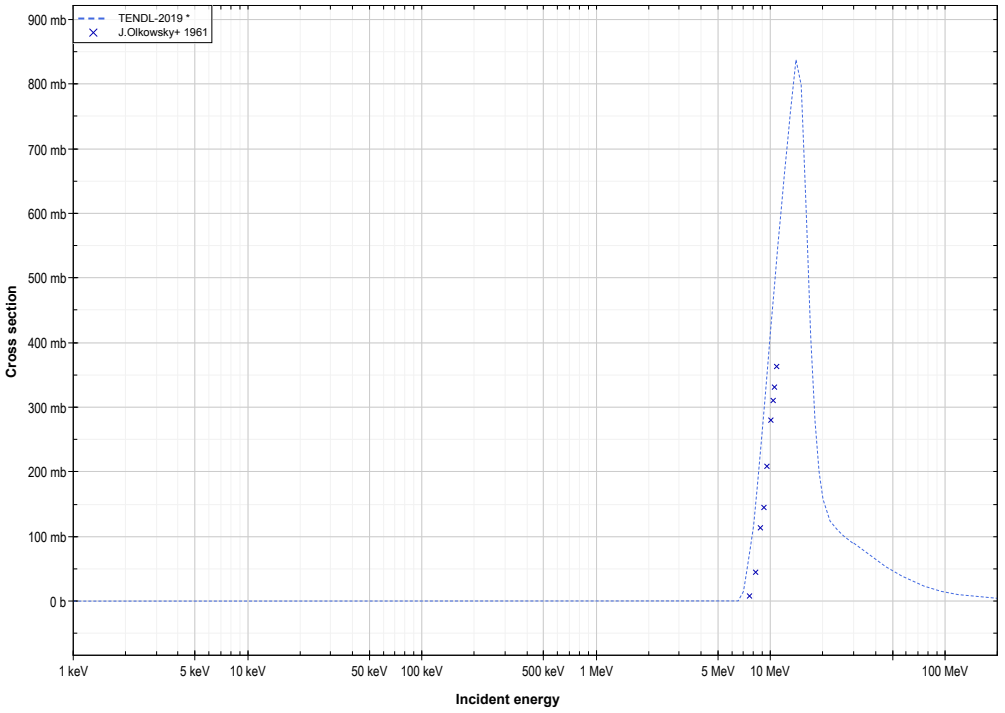
Reaction	Q-Value
Nd150(p,n)Pm150	-865.15 keV

<< 59-Pr-141	**60-Nd-150**	62-Sm-147 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Pm149 production)**	MT28 (p,n+p) >>

Nd150 (p,2n) or Pm149 production log-log



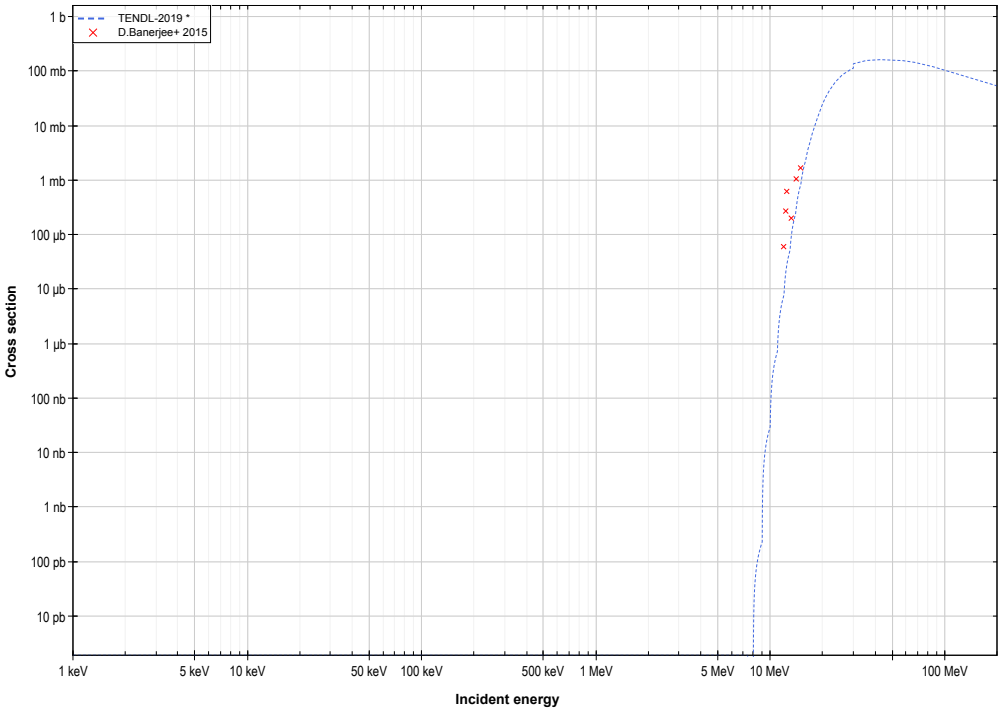
Nd150 (p,2n) or Pm149 production lin-log



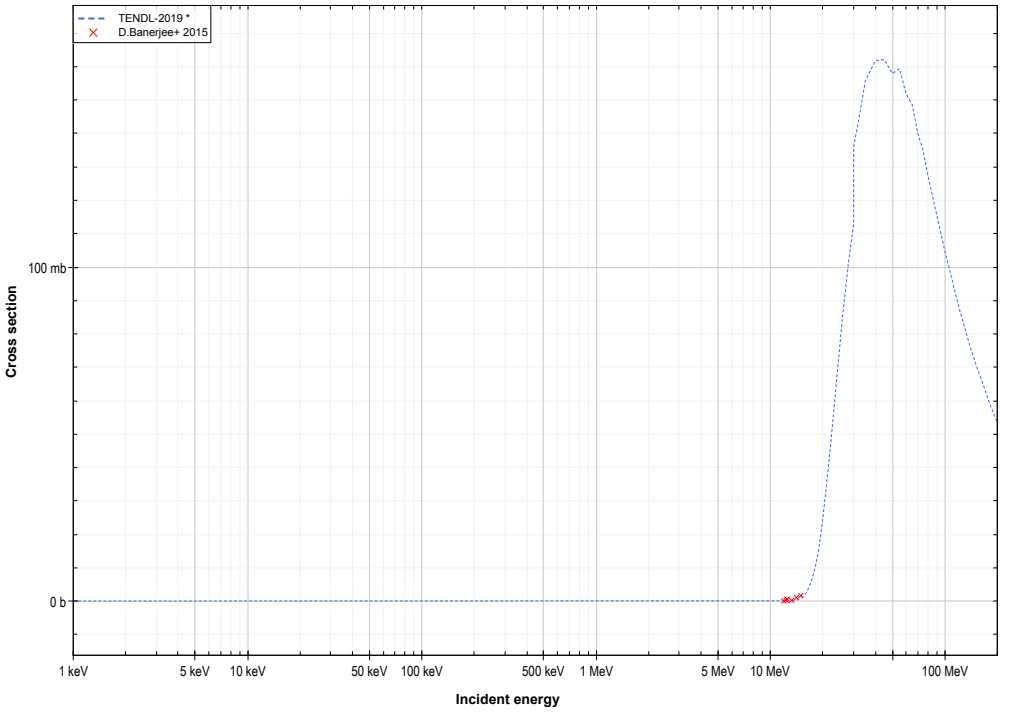
Reaction	Q-Value
Nd150(p,2n)Pm149	-6469.16 keV

<< 58-Ce-142	**60-Nd-150**	65-Tb-159 >>
<< MT16 (p,2n)	**MT28 (p,n+p) or MT5 (Nd149 production)**	MT104 (p,d) >>

Nd150 (p,n+p) or Nd149 production log-log



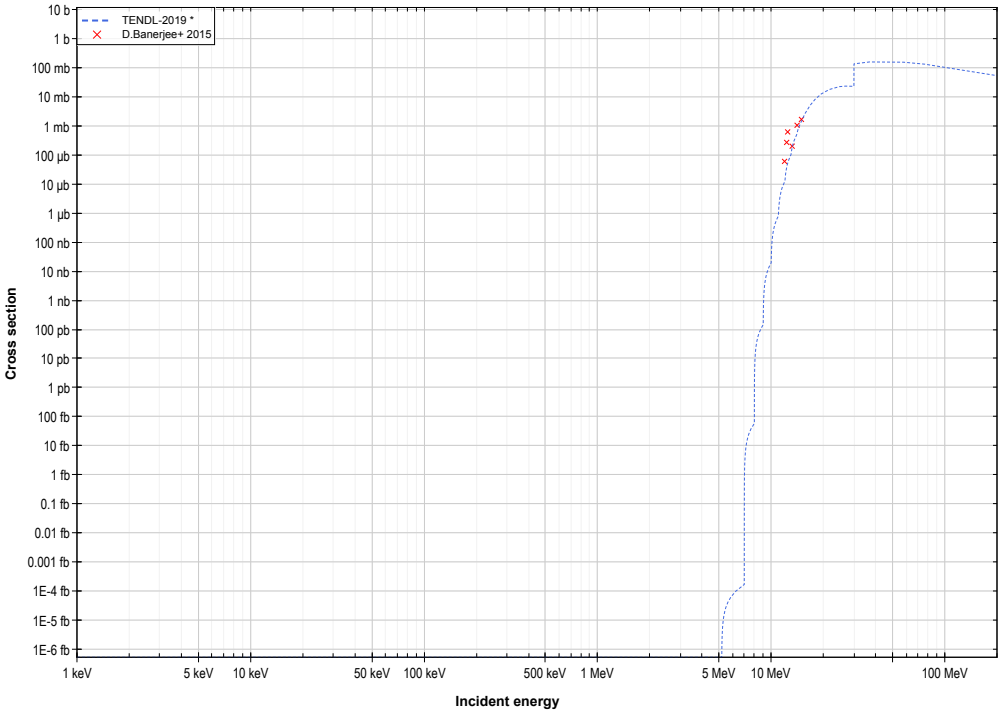
Nd150 (p,n+p) or Nd149 production lin-log



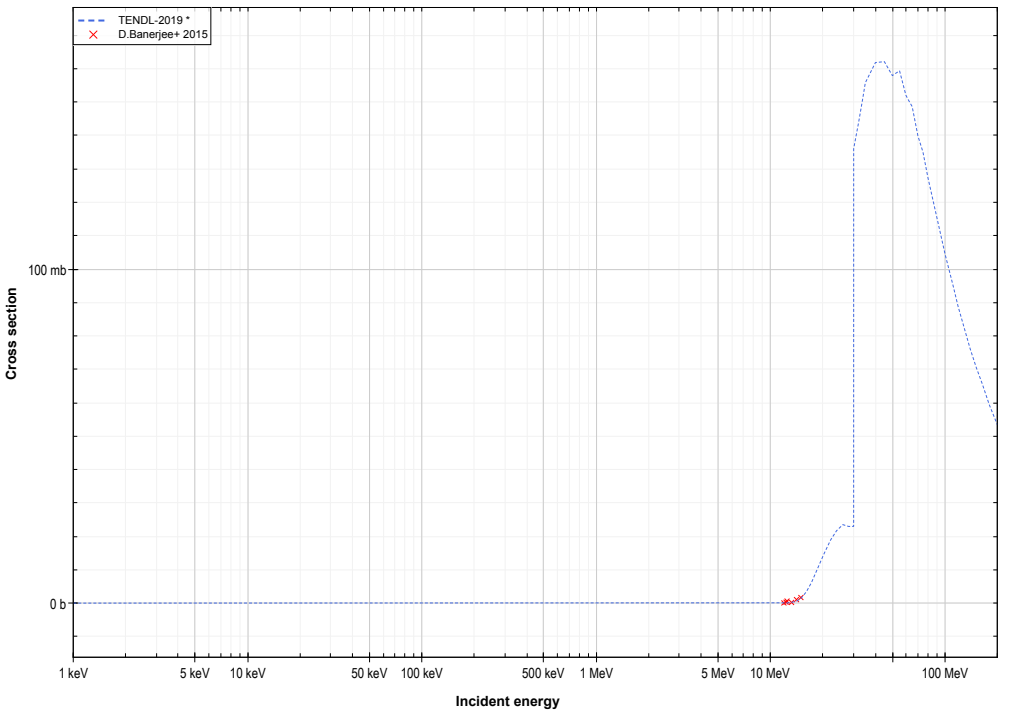
Reaction	Q-Value
Nd150(p,d)Nd149	-5151.05 keV
Nd150(p,n+p)Nd149	-7375.62 keV

<< 60-Nd-142	**60-Nd-150**	65-Tb-159 >>
<< MT28 (p,n+p)	**MT104 (p,d) or MT5 (Nd149 production)**	MT107 (p,α) >>

Nd150 (p,d) or Nd149 production log-log



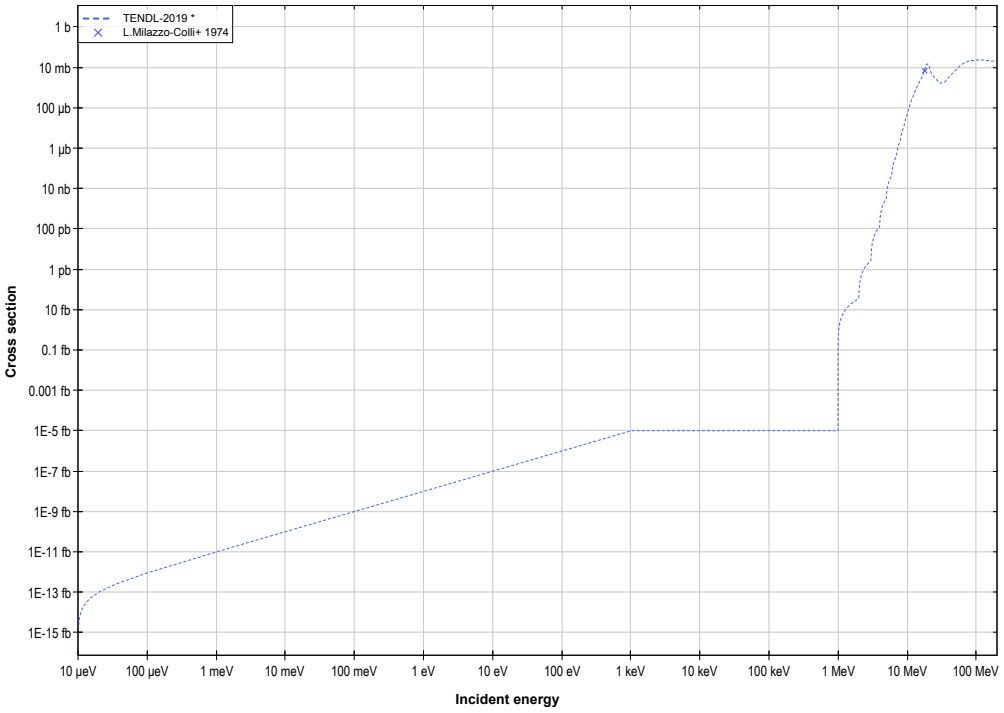
Nd150 (p,d) or Nd149 production lin-log



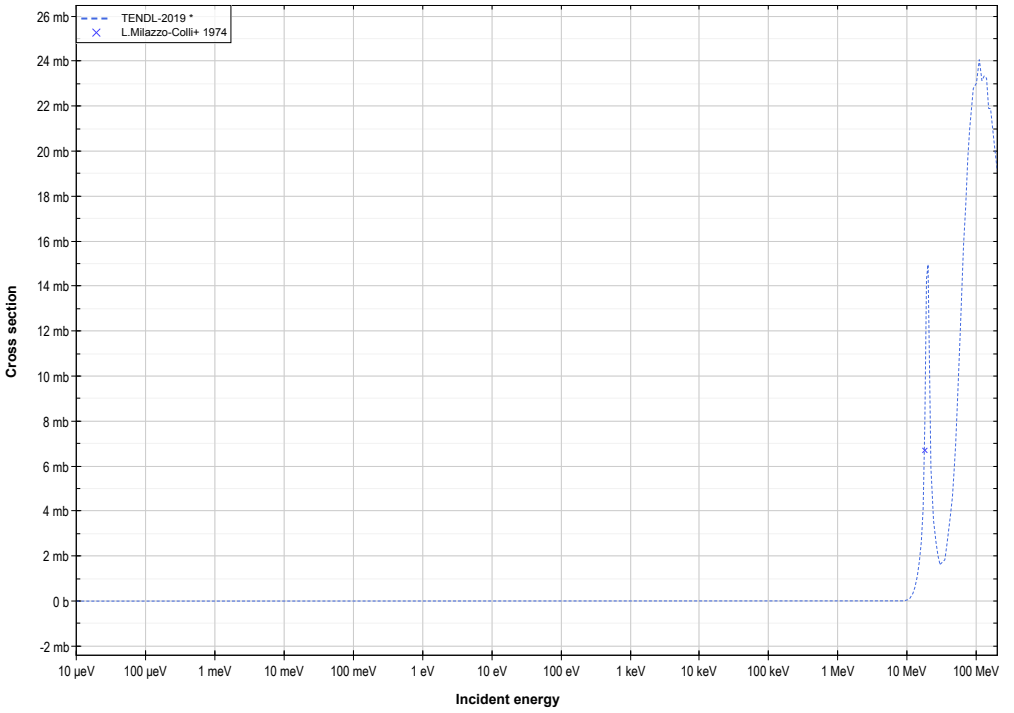
Reaction	Q-Value
Nd150(p,d)Nd149	-5151.05 keV
Nd150(p,n+p)Nd149	-7375.62 keV

<< 58-Ce-140	**60-Nd-150**	62-Sm-147 >>
<< MT104 (p,d)	**MT107 (p,α) or MT5 (Pr147 production)**	62-Sm-147 MT4 (p,n) >>

Nd150 (p,α) or Pr147 production log-log



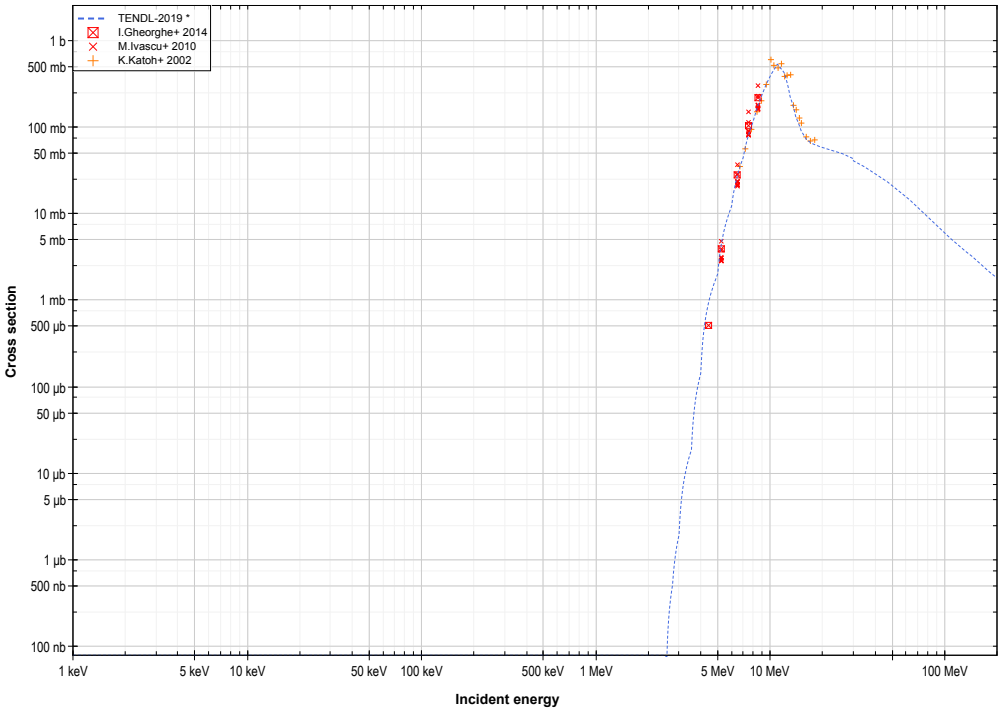
Nd150 (p,α) or Pr147 production lin-log



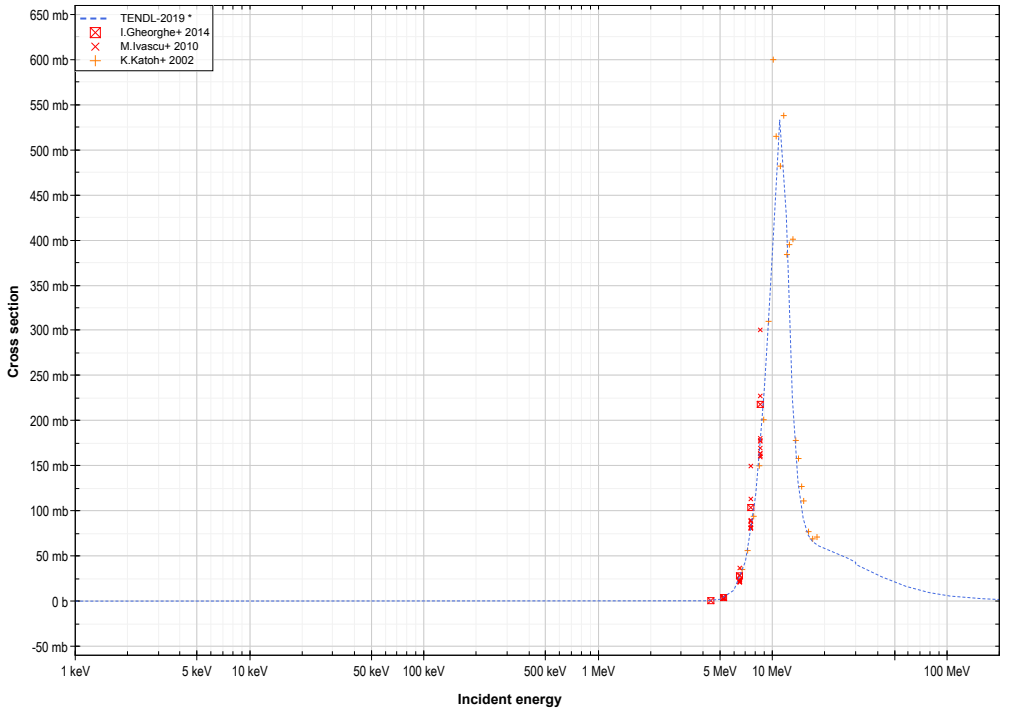
Reaction	Q-Value
Nd150(p,α)Pr147	6628.26 keV
Nd150(p,p+t)Pr147	-13185.61 keV
Nd150(p,n+He3)Pr147	-13949.36 keV
Nd150(p,2d)Pr147	-17218.27 keV
Nd150(p,n+p+d)Pr147	-19442.84 keV
Nd150(p,2n+2p)Pr147	-21667.40 keV

<< 60-Nd-150	**62-Sm-147**	62-Sm-149 >>
<< 60-Nd-150 MT107 (p,α)	**MT4 (p,n) or MT5 (Eu147 production)**	MT16 (p,2n) >>

Sm147 (p,n) or Eu147 production log-log



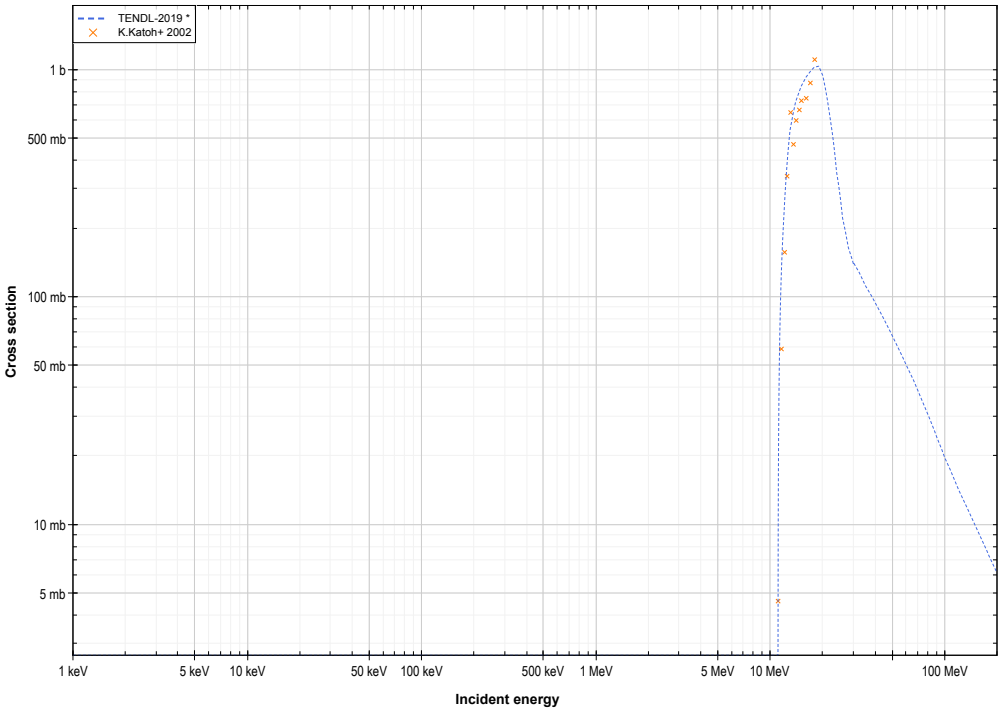
Sm147 (p,n) or Eu147 production lin-log



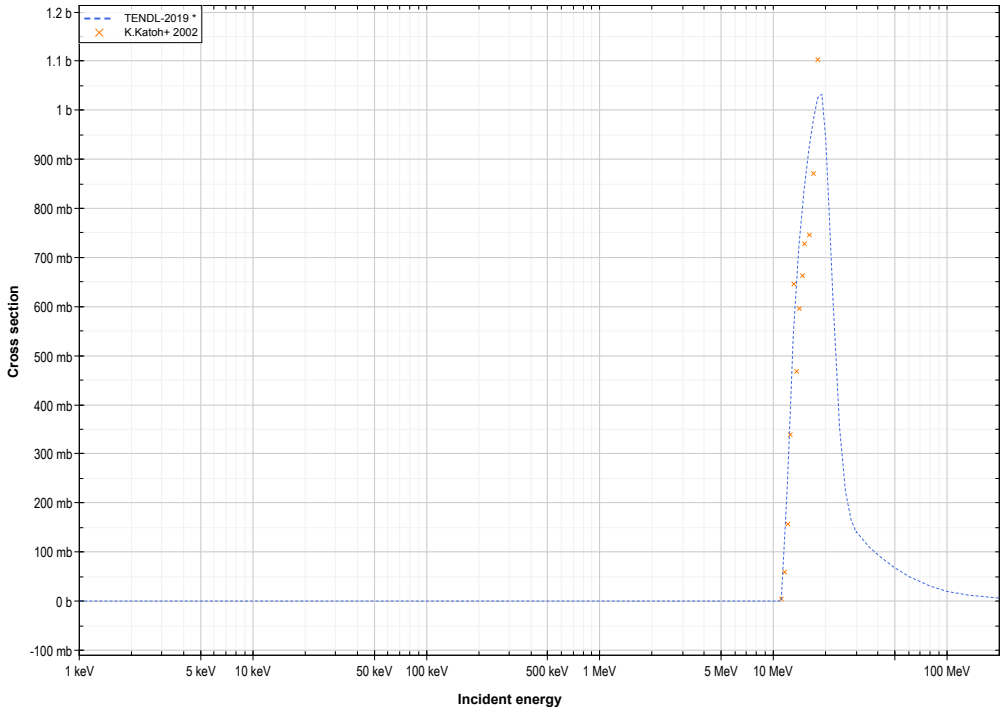
Reaction	Q-Value
Sm147(p,n)Eu147	-2503.95 keV

<< 60-Nd-150	**62-Sm-147**	66-Dy-161 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Eu146 production)**	MT107 (p,α) >>

Sm147 (p,2n) or Eu146 production log-log



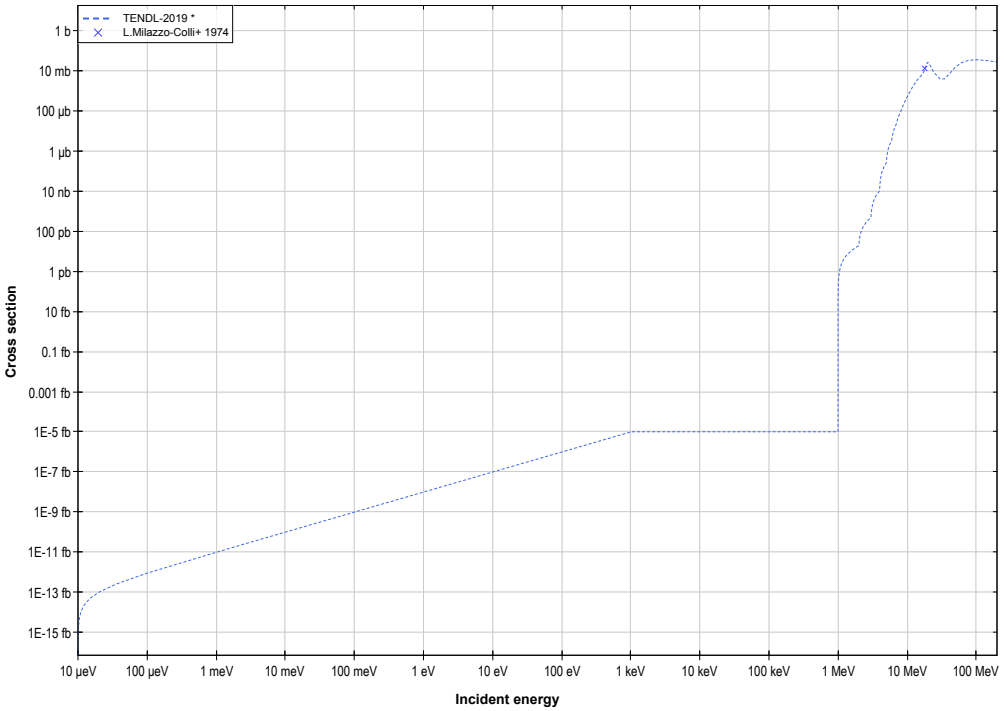
Sm147 (p,2n) or Eu146 production lin-log



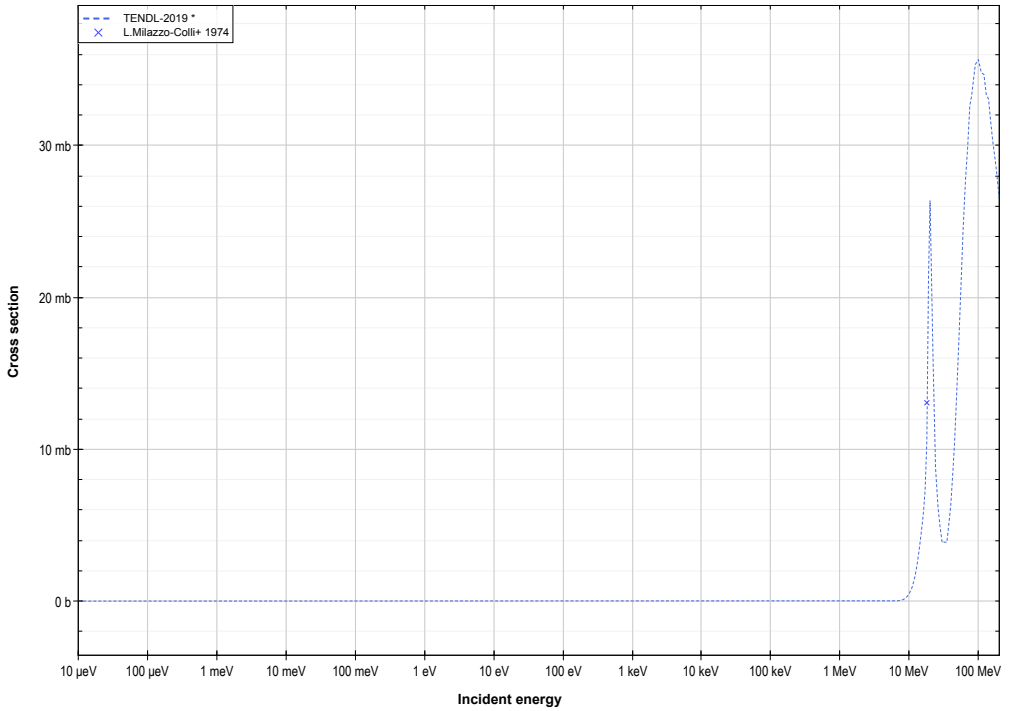
Reaction	Q-Value
Sm147(p,2n)Eu146	-11002.06 keV

<< 60-Nd-150	**62-Sm-147**	62-Sm-150 >>
<< MT16 (p,2n)	**MT107 (p,α) or MT5 (Pm144 production)**	62-Sm-149 MT4 (p,n) >>

Sm147 (p,α) or Pm144 production log-log



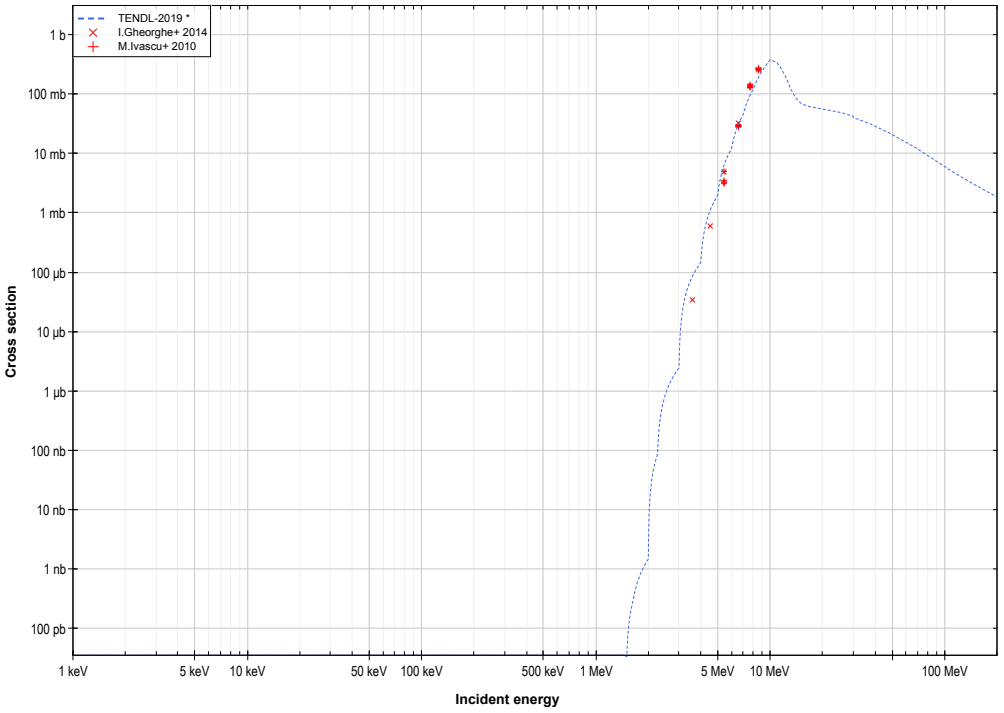
Sm147 (p,α) or Pm144 production lin-log



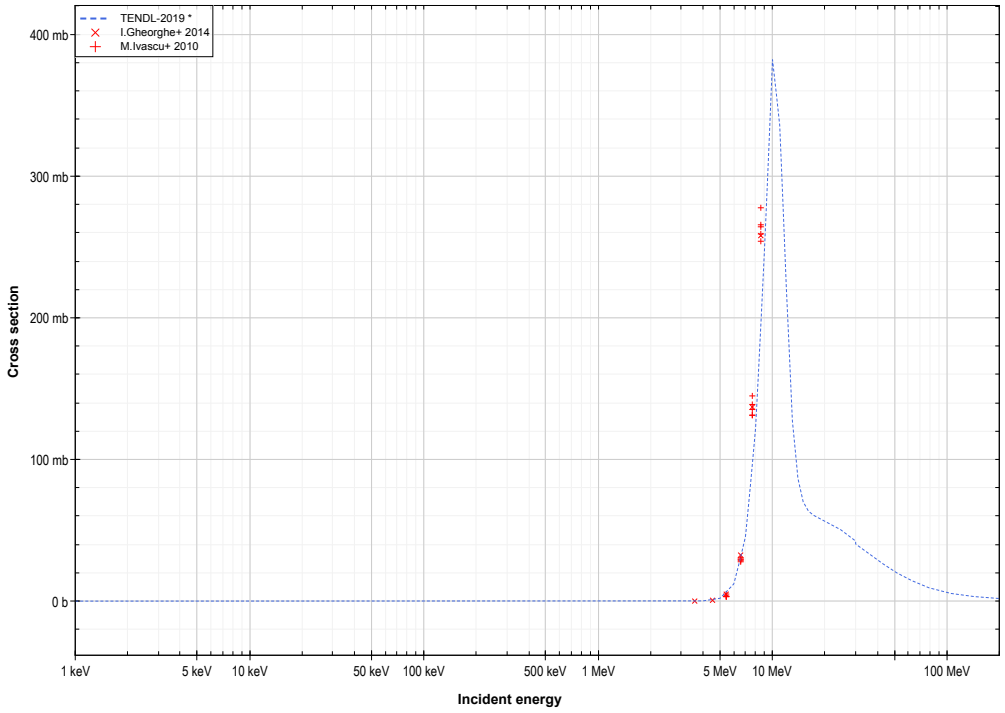
Reaction	Q-Value
Sm147(p,α)Pm144	7013.76 keV
Sm147(p,p+t)Pm144	-12800.11 keV
Sm147(p,n+He3)Pm144	-13563.86 keV
Sm147(p,2d)Pm144	-16832.77 keV
Sm147(p,n+p+d)Pm144	-19057.34 keV
Sm147(p,2n+2p)Pm144	-21281.90 keV

<< 62-Sm-147	**62-Sm-149**	63-Eu-151 >>
<< 62-Sm-147 MT107 (p,α)	**MT4 (p,n) or MT5 (Eu149 production)**	62-Sm-150 MT107 (p,α) >>

Sm149 (p,n) or Eu149 production log-log



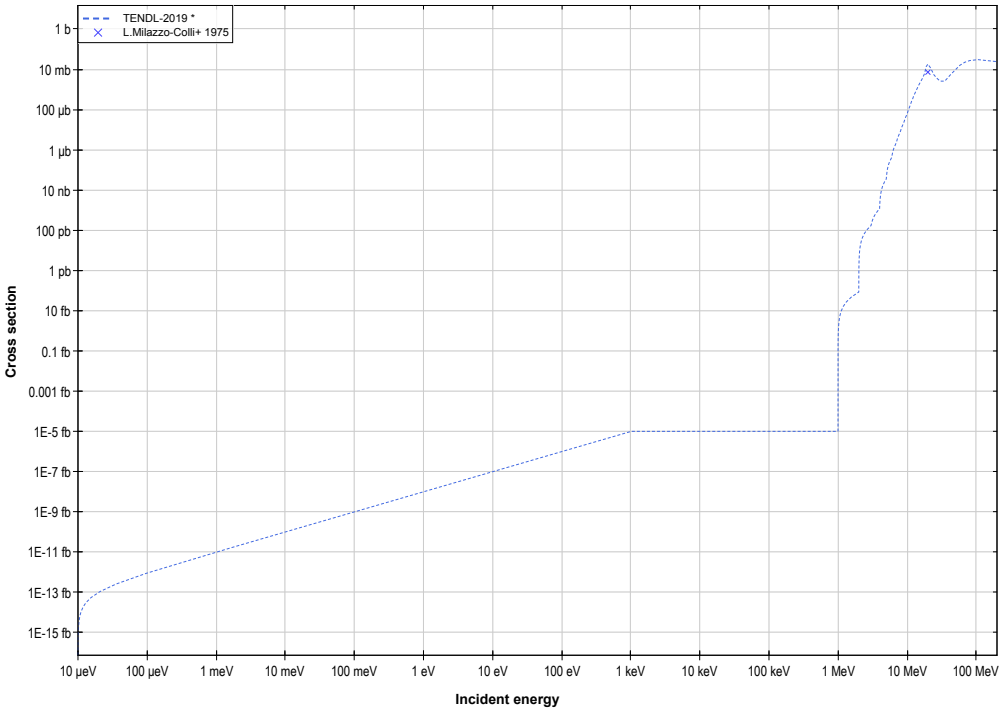
Sm149 (p,n) or Eu149 production lin-log



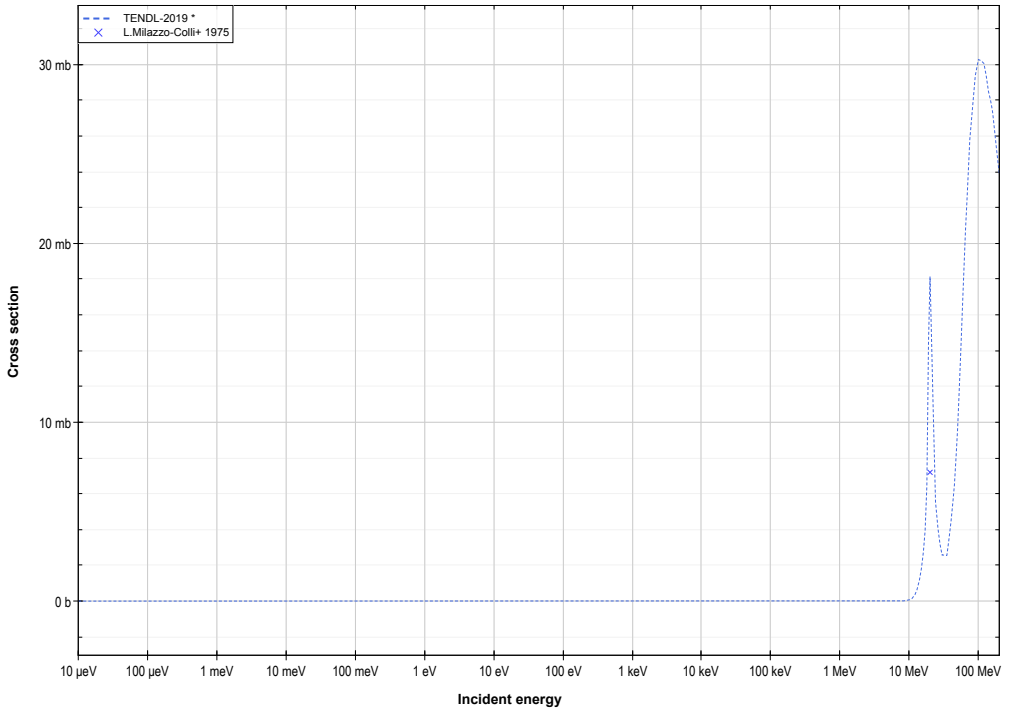
Reaction	Q-Value
Sm149(p,n)Eu149	-1477.05 keV

<< 62-Sm-147	**62-Sm-150**	62-Sm-152 >>
<< 62-Sm-149 MT4 (p,n)	**MT107 (p,α) or MT5 (Pm147 production)**	62-Sm-152 MT107 (p,α) >>

Sm150 (p,α) or Pm147 production log-log



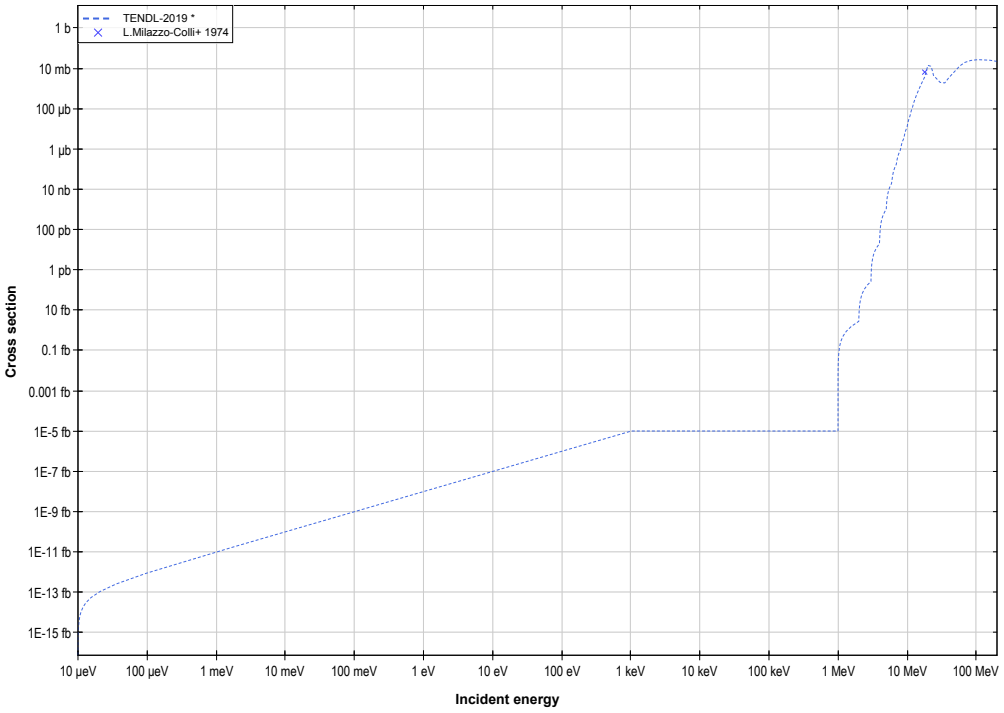
Sm150 (p,α) or Pm147 production lin-log



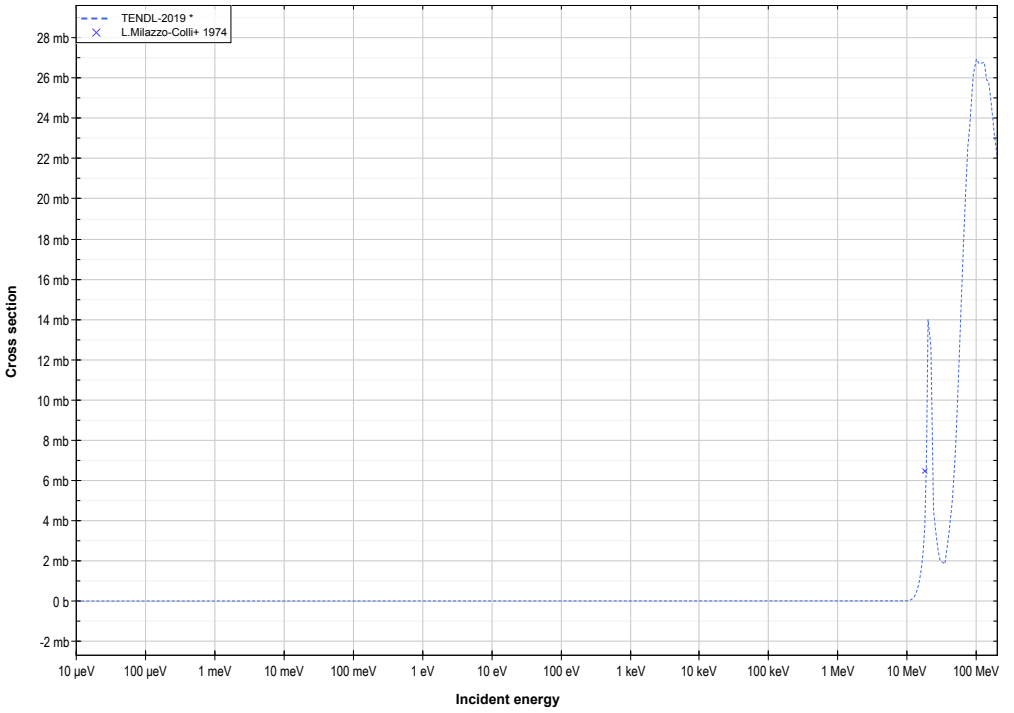
Reaction	Q-Value
Sm150(p,α)Pm147	6855.26 keV
Sm150(p,p+t)Pm147	-12958.61 keV
Sm150(p,n+He3)Pm147	-13722.36 keV
Sm150(p,2d)Pm147	-16991.27 keV
Sm150(p,n+p+d)Pm147	-19215.84 keV
Sm150(p,2n+2p)Pm147	-21440.40 keV

<< 62-Sm-150	**62-Sm-152**	62-Sm-154 >>
<< 62-Sm-150 MT107 (p,α)	**MT107 (p,α) or MT5 (Pm149 production)**	62-Sm-154 MT107 (p,α) >>

Sm152 (p,α) or Pm149 production log-log



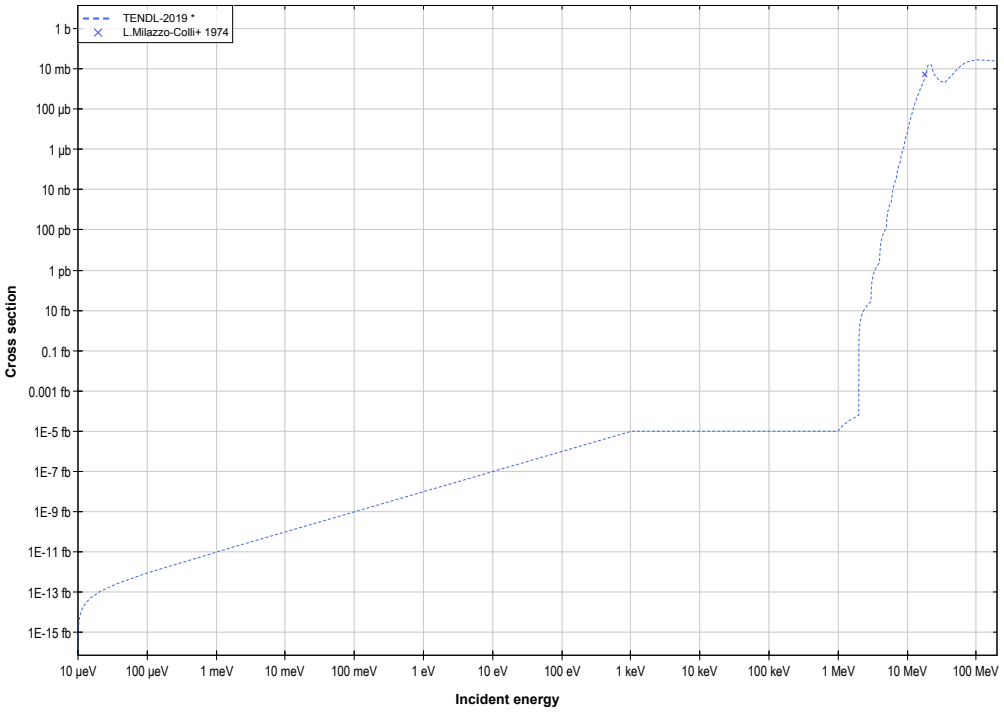
Sm152 (p,α) or Pm149 production lin-log



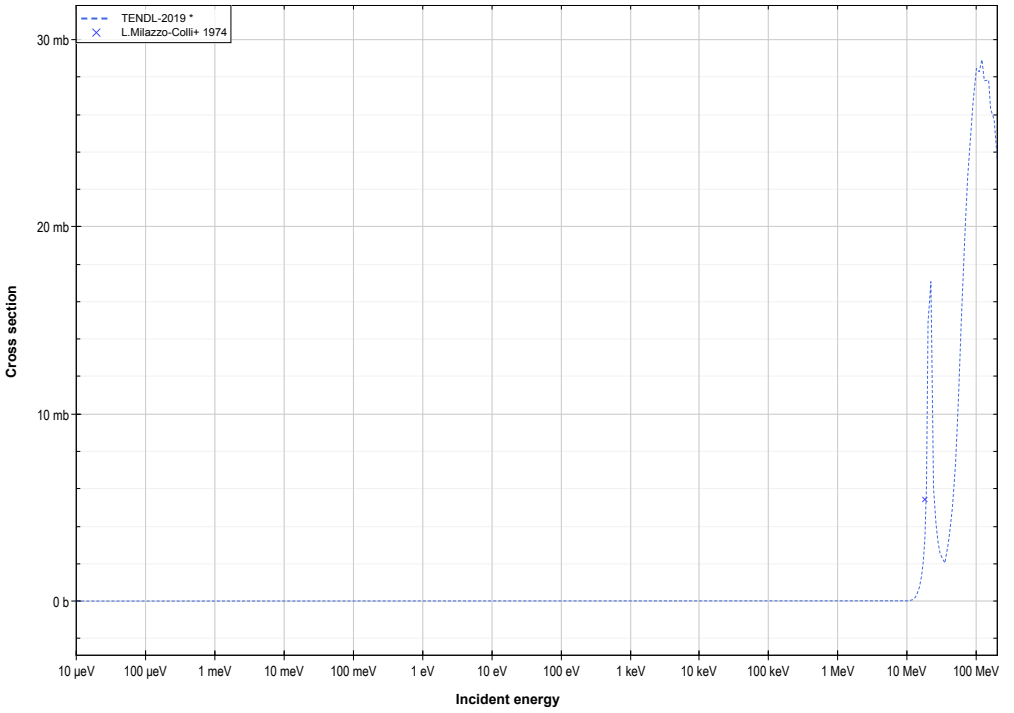
Reaction	Q-Value
Sm152(p,α)Pm149	6165.76 keV
Sm152(p,p+t)Pm149	-13648.11 keV
Sm152(p,n+He3)Pm149	-14411.86 keV
Sm152(p,2d)Pm149	-17680.77 keV
Sm152(p,n+p+d)Pm149	-19905.34 keV
Sm152(p,2n+2p)Pm149	-22129.90 keV

<< 62-Sm-152	**62-Sm-154**	64-Gd-156 >>
<< 62-Sm-152 MT107 (p,α)	**MT107 (p,α) or MT5 (Pm151 production)**	63-Eu-151 MT4 (p,n) >>

Sm154 (p,α) or Pm151 production log-log



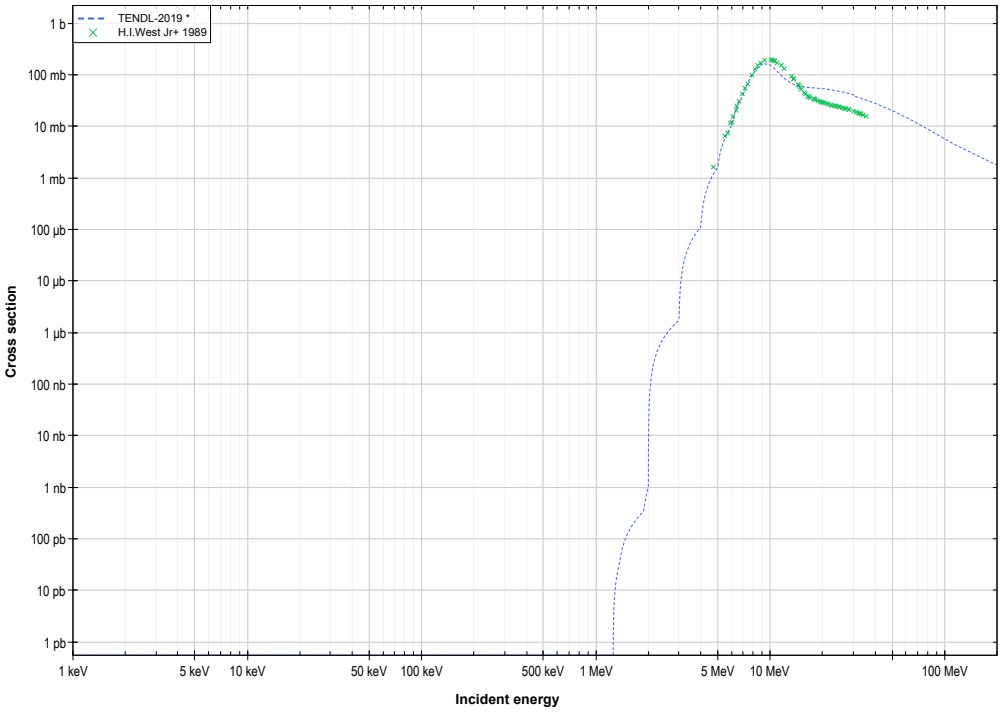
Sm154 (p,α) or Pm151 production lin-log



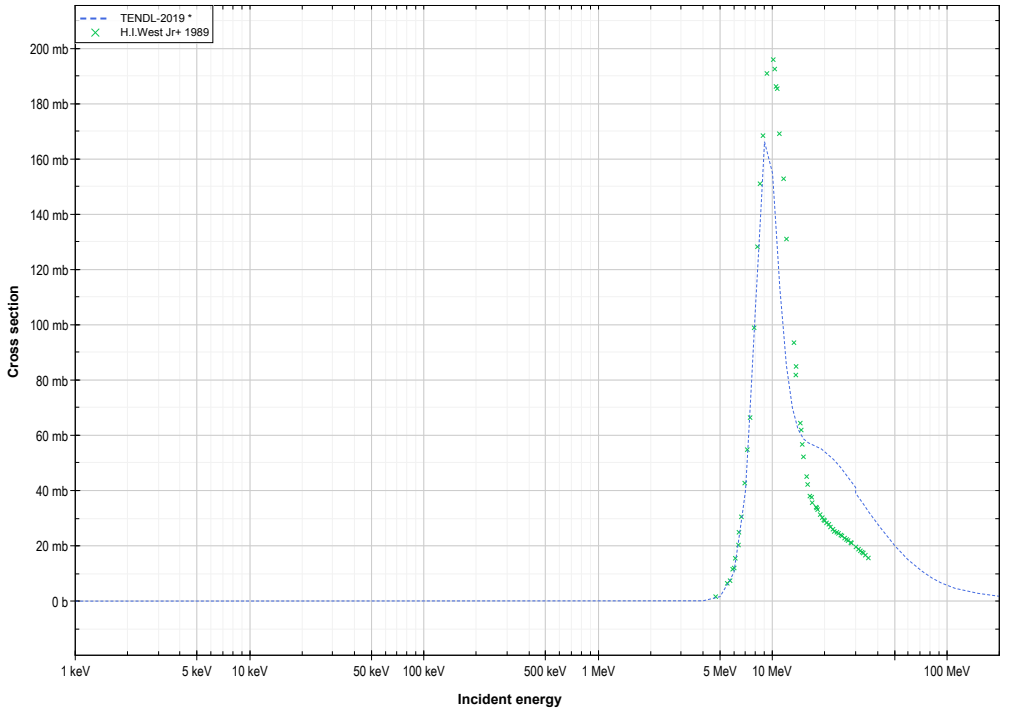
Reaction	Q-Value
Sm154(p,α)Pm151	5794.86 keV
Sm154(p,p+t)Pm151	-14019.01 keV
Sm154(p,n+He3)Pm151	-14782.76 keV
Sm154(p,2d)Pm151	-18051.67 keV
Sm154(p,n+p+d)Pm151	-20276.24 keV
Sm154(p,2n+2p)Pm151	-22500.80 keV

<< 62-Sm-149	**63-Eu-151**	63-Eu-153 >>
<< 62-Sm-154 MT107 (p,α)	**MT4 (p,n) or MT5 (Gd151 production)**	MT17 (p,3n) >>

Eu151 (p,n) or Gd151 production log-log



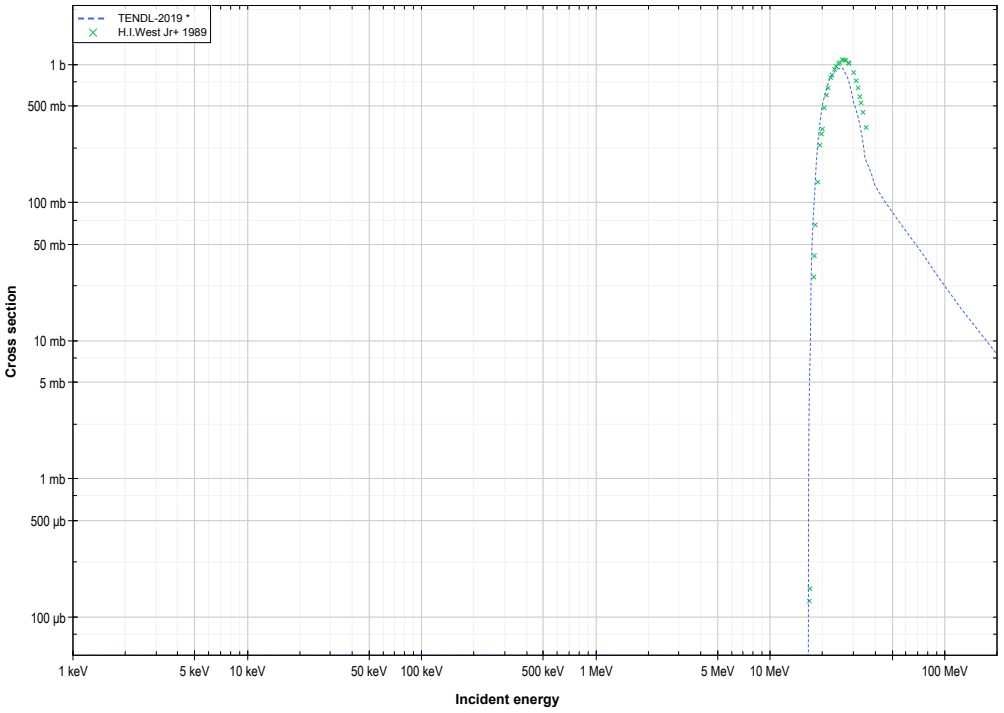
Eu151 (p,n) or Gd151 production lin-log



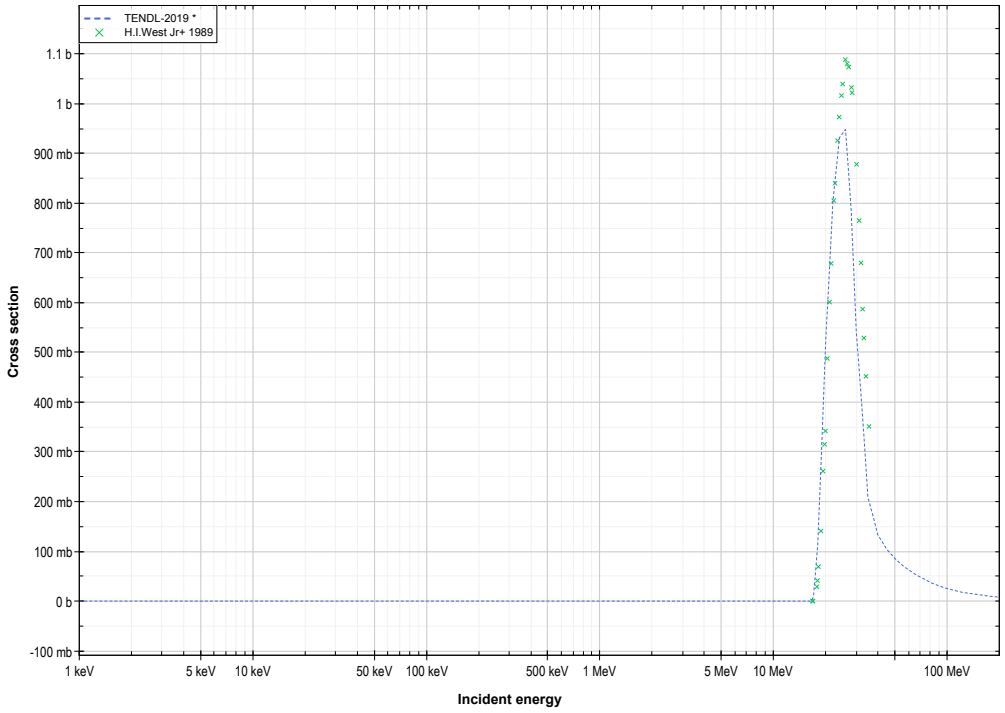
Reaction	Q-Value
Eu151(p,n)Gd151	-1246.25 keV

<< 59-Pr-141	**63-Eu-151**	63-Eu-153 >>
<< MT4 (p,n)	**MT17 (p,3n) or MT5 (Gd149 production)**	63-Eu-153 MT4 (p,n) >>

Eu151 (p,3n) or Gd149 production log-log



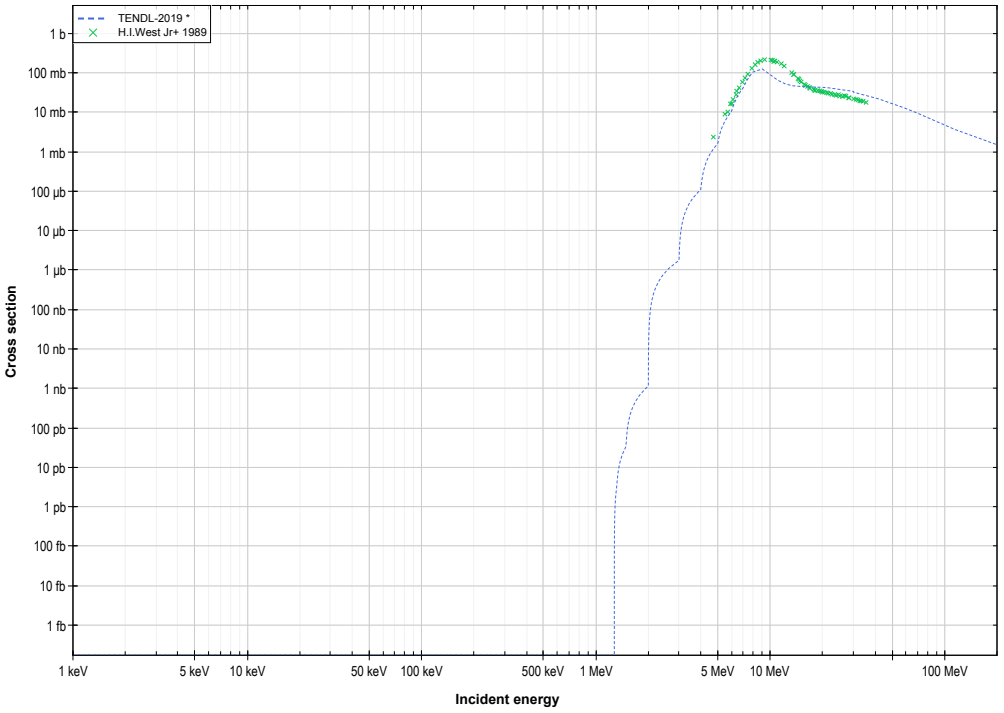
Eu151 (p,3n) or Gd149 production lin-log



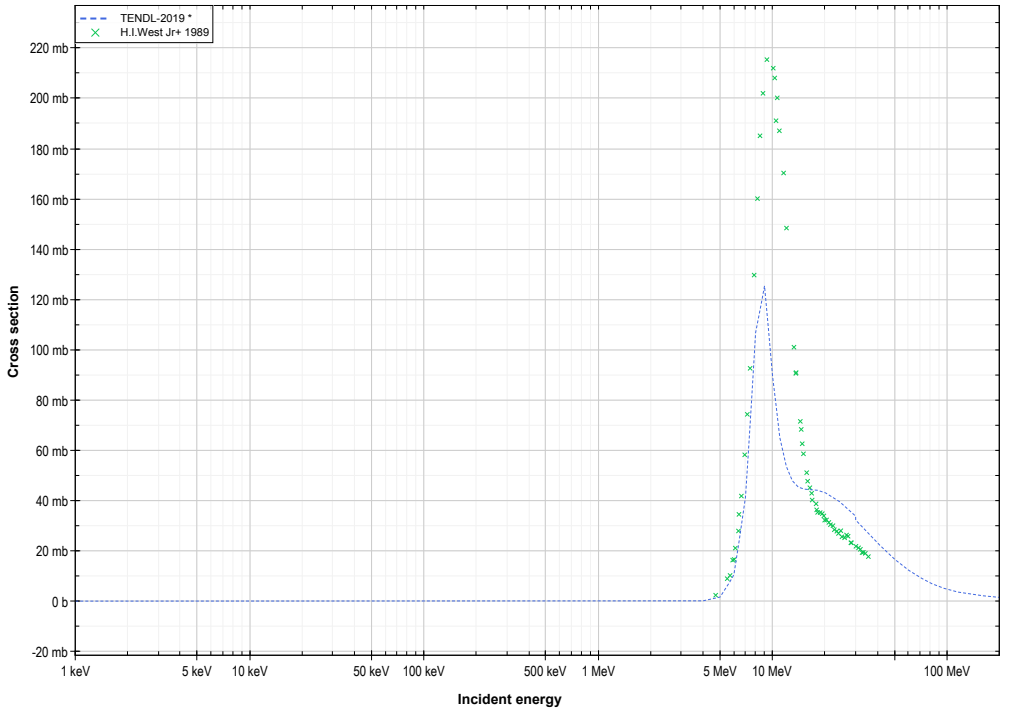
Reaction	Q-Value
Eu151(p,3n)Gd149	-16450.88 keV

<< 63-Eu-151	**63-Eu-153**	64-Gd-154 >>
<< 63-Eu-151 MT17 (p,3n)	**MT4 (p,n) or MT5 (Gd153 production)**	MT17 (p,3n) >>

Eu153 (p,n) or Gd153 production log-log



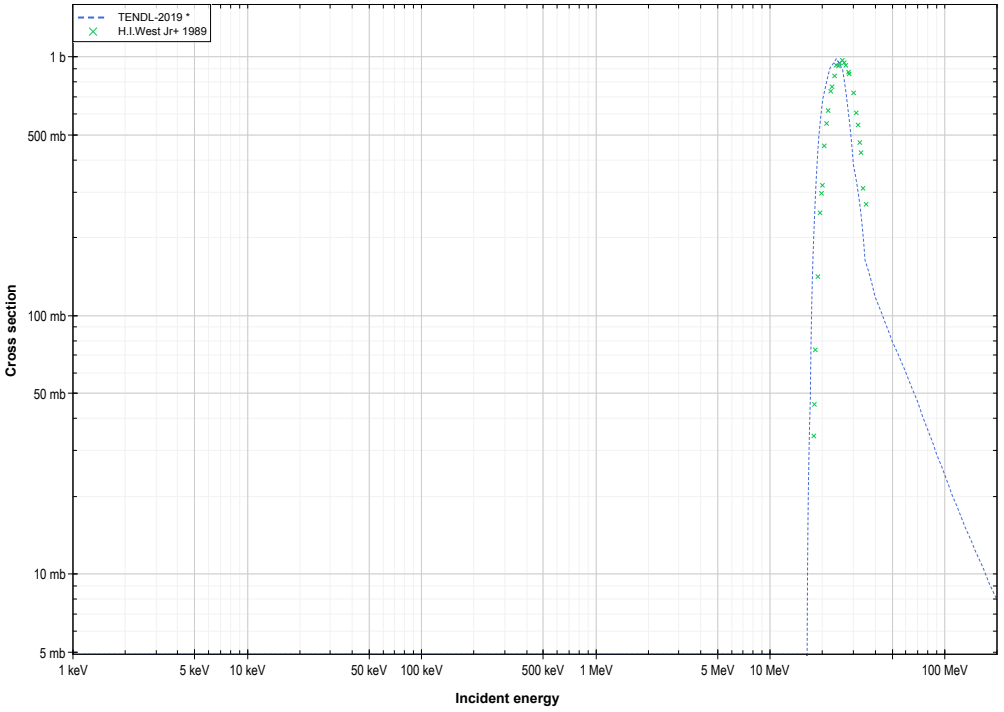
Eu153 (p,n) or Gd153 production lin-log



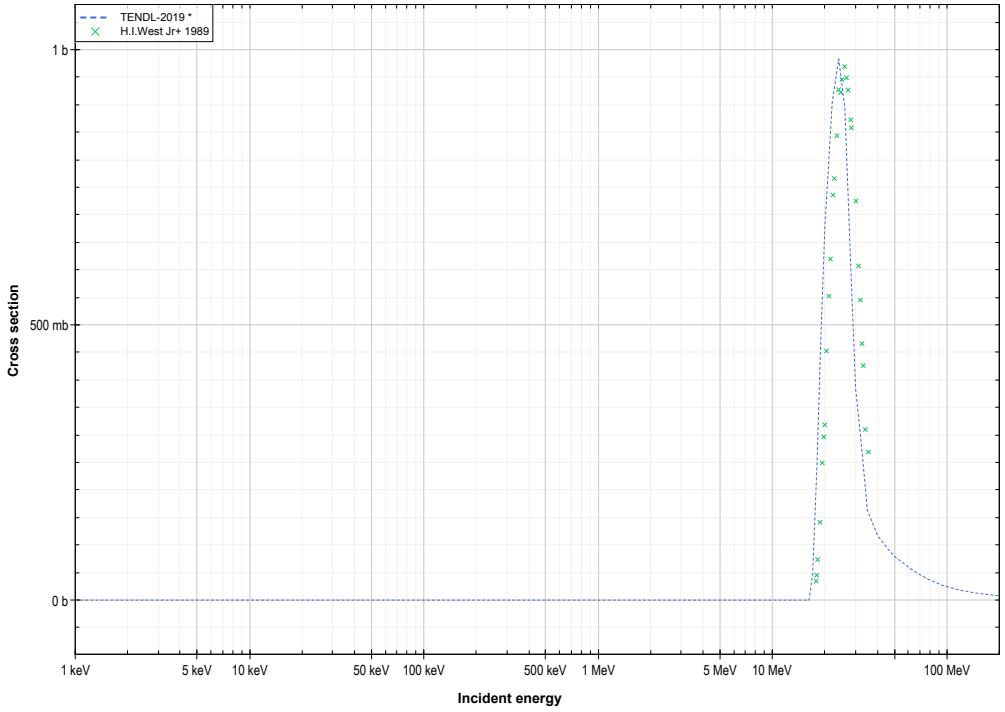
Reaction	Q-Value
Eu153(p,n)Gd153	-1266.95 keV

<< 63-Eu-151	**63-Eu-153**	65-Tb-159 >>
<< MT4 (p,n)	**MT17 (p,3n) or MT5 (Gd151 production)**	64-Gd-154 MT4 (p,n) >>

Eu153 (p,3n) or Gd151 production log-log



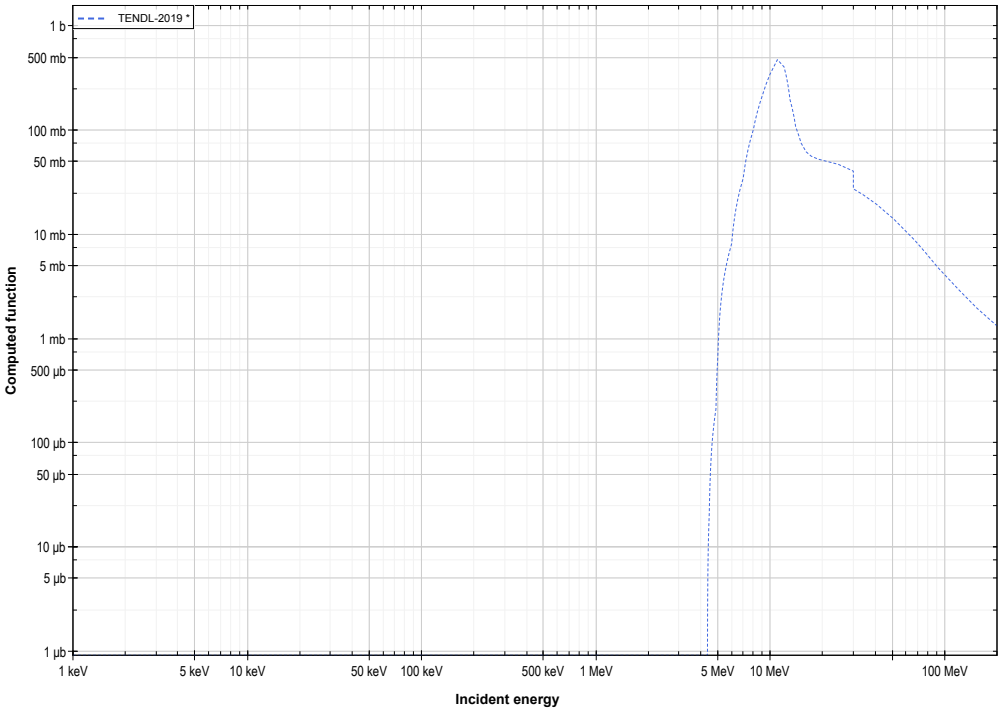
Eu153 (p,3n) or Gd151 production lin-log



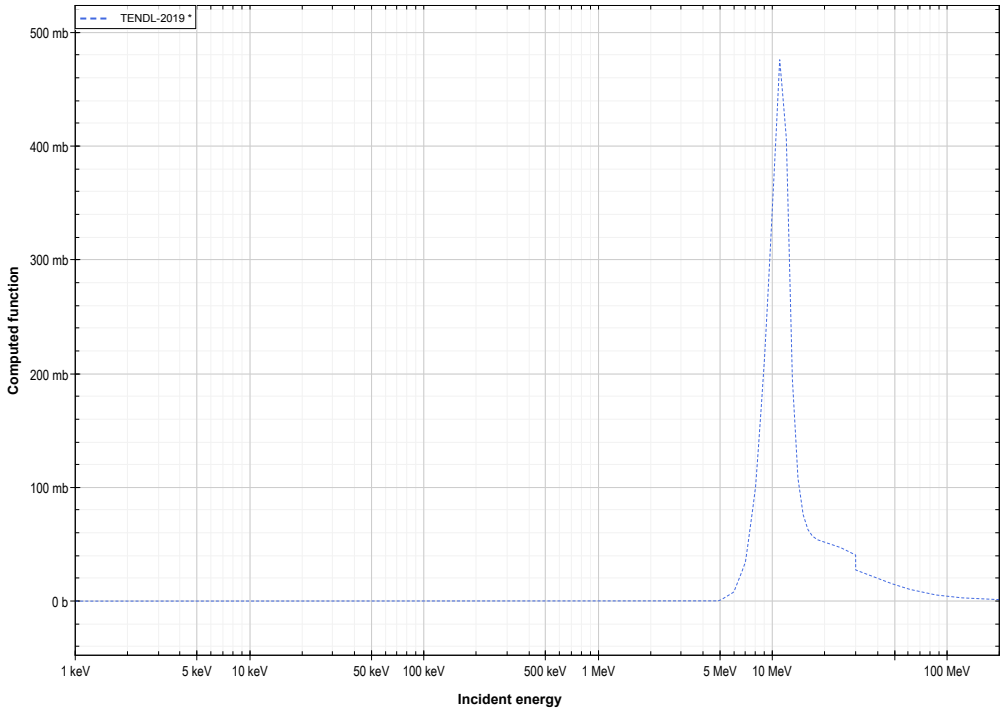
Reaction	Q-Value
Eu153(p,3n)Gd151	-16103.18 keV

<< 63-Eu-153	**64-Gd-154**	64-Gd-160 >>
<< 63-Eu-153 MT17 (p,3n)	**MT4 (p,n) or MT5 (Tb154 production)**	64-Gd-156 MT107 (p,α) >>

Gd154 (p,n) or Tb154 production log-log



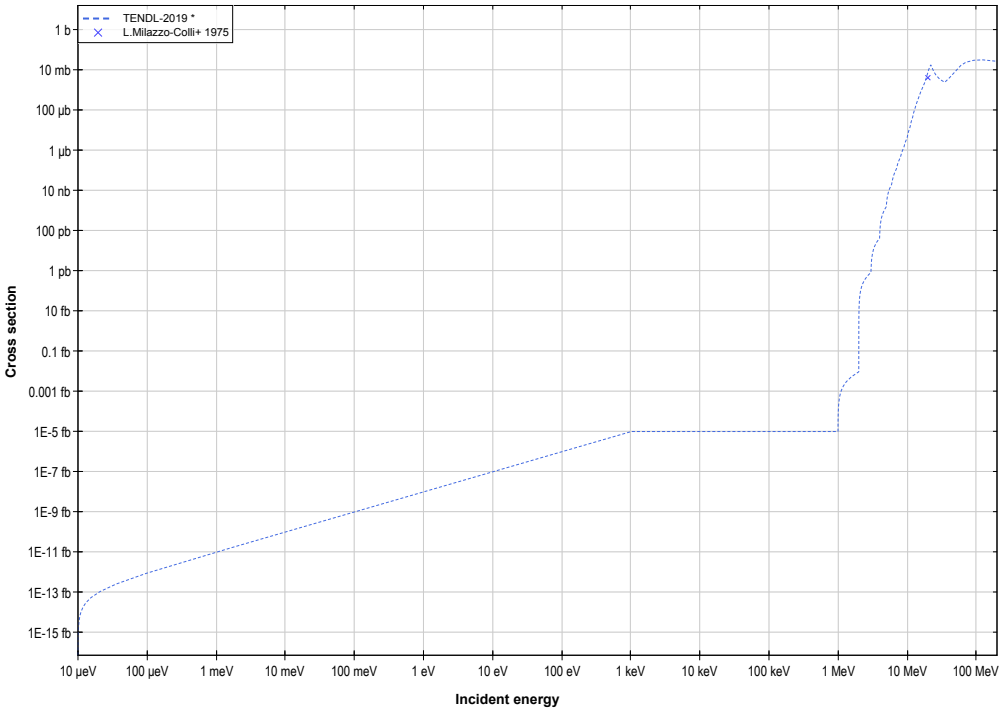
Gd154 (p,n) or Tb154 production lin-log



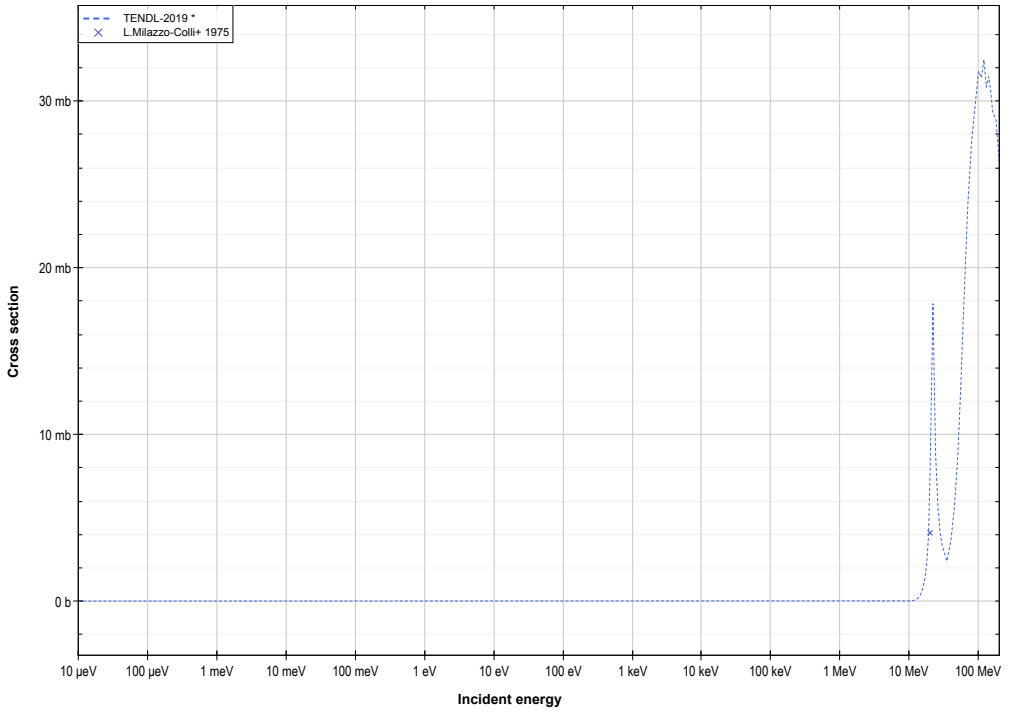
Reaction	Q-Value
Gd154(p,n)Tb154	-4328.35 keV

<< 62-Sm-154	**64-Gd-156**	70-Yb-171 >>
<< 64-Gd-154 MT4 (p,n)	**MT107 (p,α) or MT5 (Eu153 production)**	64-Gd-160 MT4 (p,n) >>

Gd156 (p,α) or Eu153 production log-log



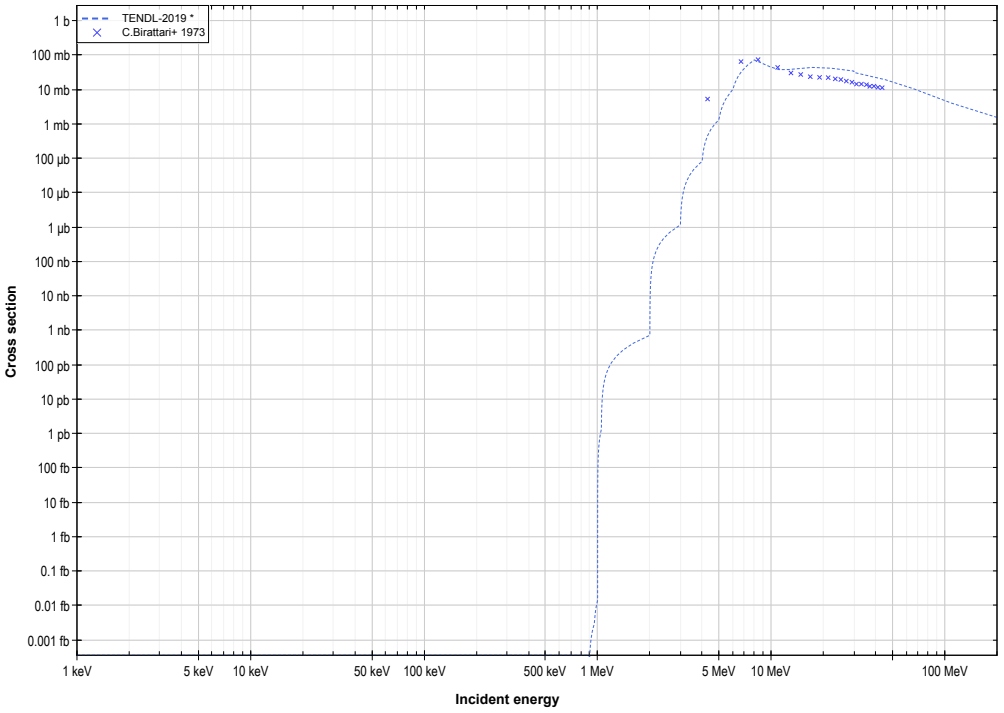
Gd156 (p,α) or Eu153 production lin-log



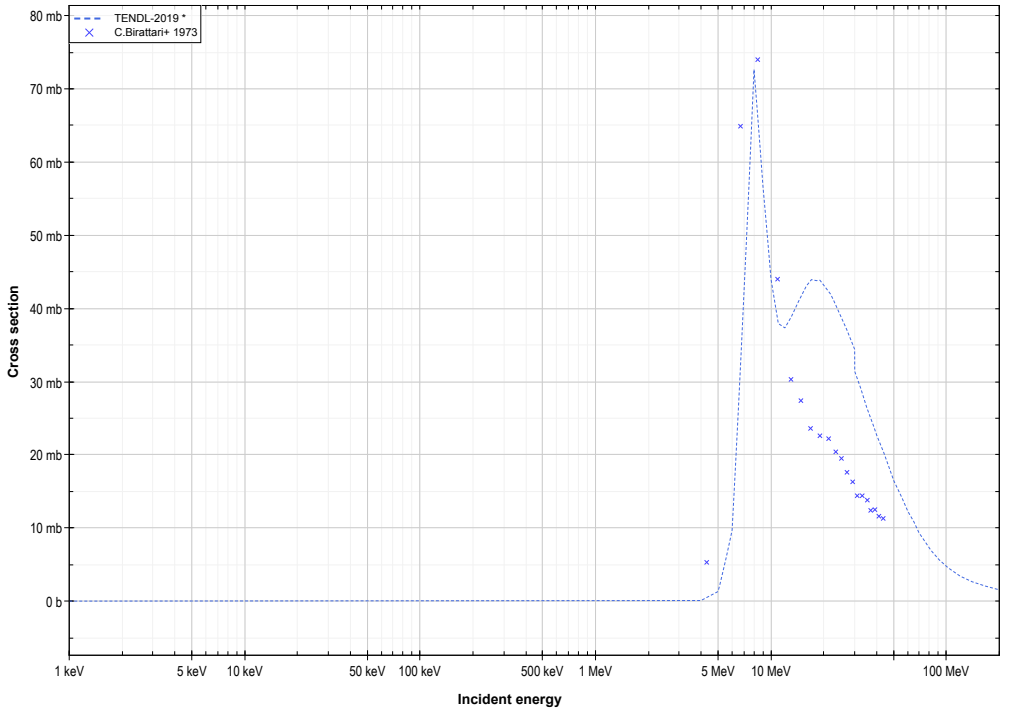
Reaction	Q-Value
Gd156(p,α)Eu153	5696.36 keV
Gd156(p,p+t)Eu153	-14117.51 keV
Gd156(p,n+He3)Eu153	-14881.26 keV
Gd156(p,2d)Eu153	-18150.17 keV
Gd156(p,n+p+d)Eu153	-20374.74 keV
Gd156(p,2n+2p)Eu153	-22599.30 keV

<< 64-Gd-154	**64-Gd-160**	65-Tb-159 >>
<< 64-Gd-156 MT107 (p,α)	**MT4 (p,n) or MT5 (Tb160 production)**	65-Tb-159 MT4 (p,n) >>

Gd160 (p,n) or Tb160 production log-log



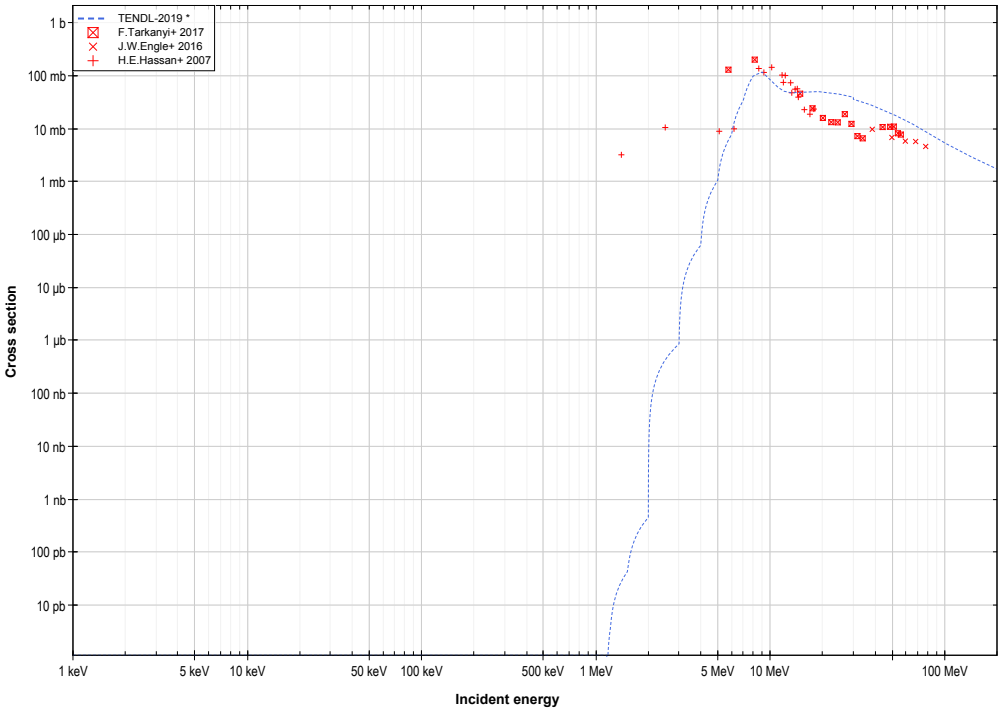
Gd160 (p,n) or Tb160 production lin-log



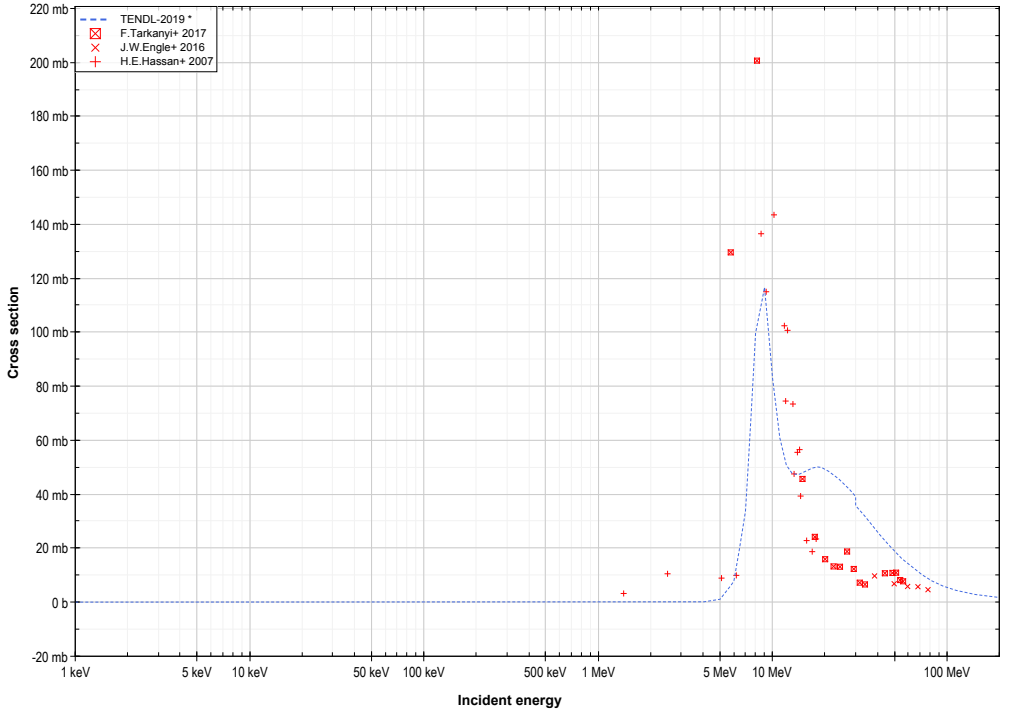
Reaction	Q-Value
Gd160(p,n)Tb160	-887.75 keV

<< 64-Gd-160	**65-Tb-159**	66-Dy-161 >>
<< 64-Gd-160 MT4 (p,n)	**MT4 (p,n) or MT5 (Dy159 production)**	MT11 (p,2n+d) >>

Tb159 (p,n) or Dy159 production log-log



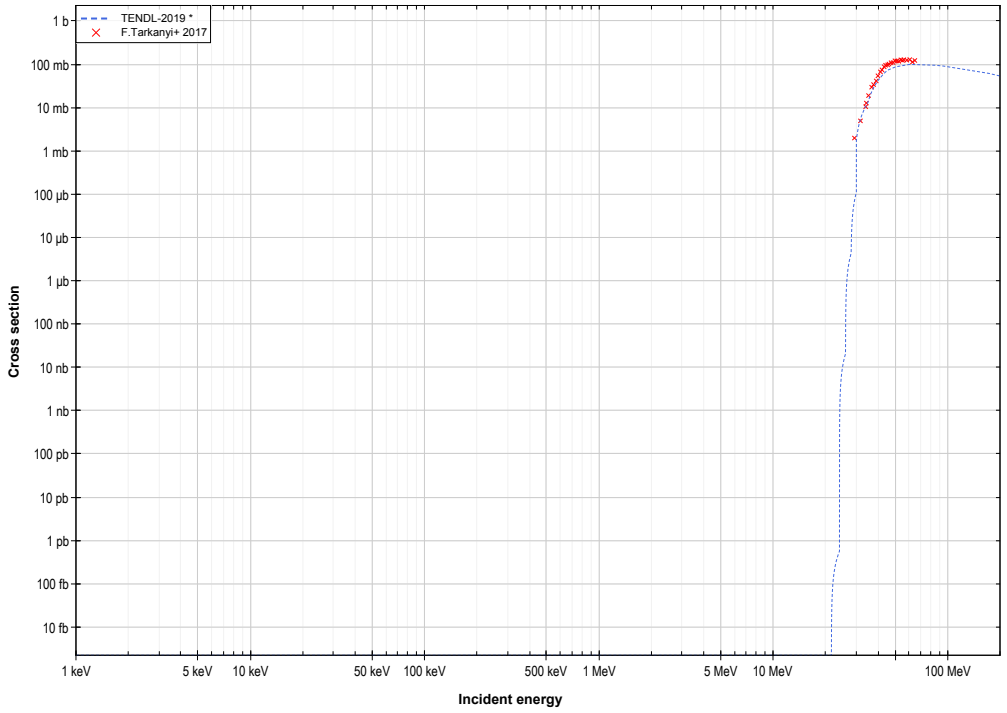
Tb159 (p,n) or Dy159 production lin-log



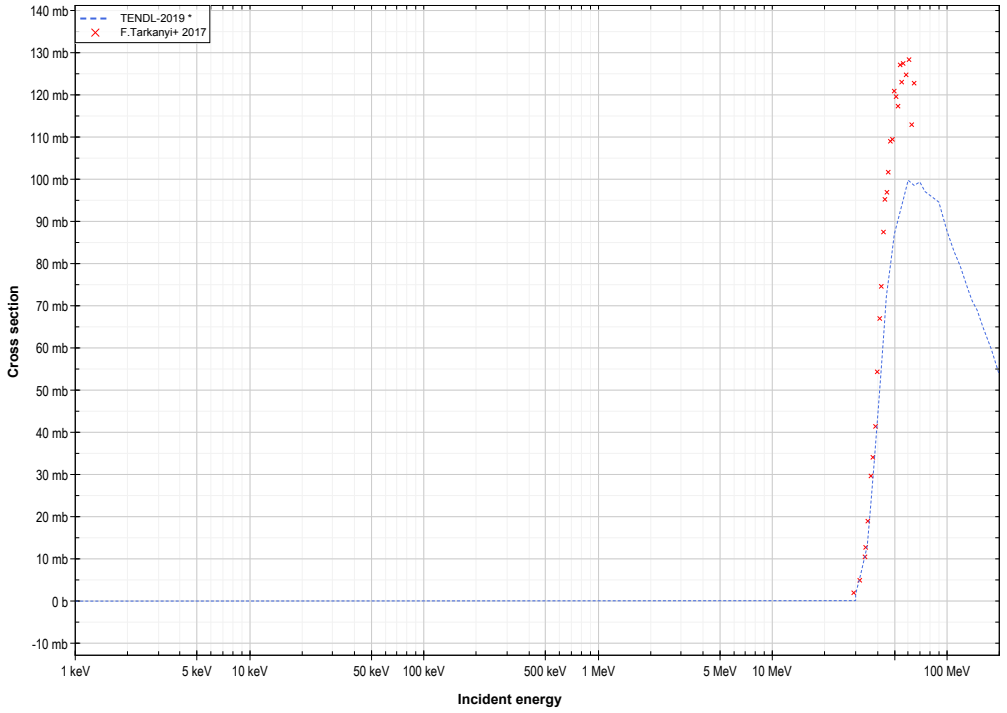
Reaction	Q-Value
Tb159(p,n)Dy159	-1147.65 keV

<< 55-Cs-133	**65-Tb-159**	79-Au-197 >>
<< MT4 (p,n)	**MT11 (p,2n+d) or MT5 (Tb156 production)**	MT17 (p,3n) >>

Tb159 (p,2n+d) or Tb156 production log-log



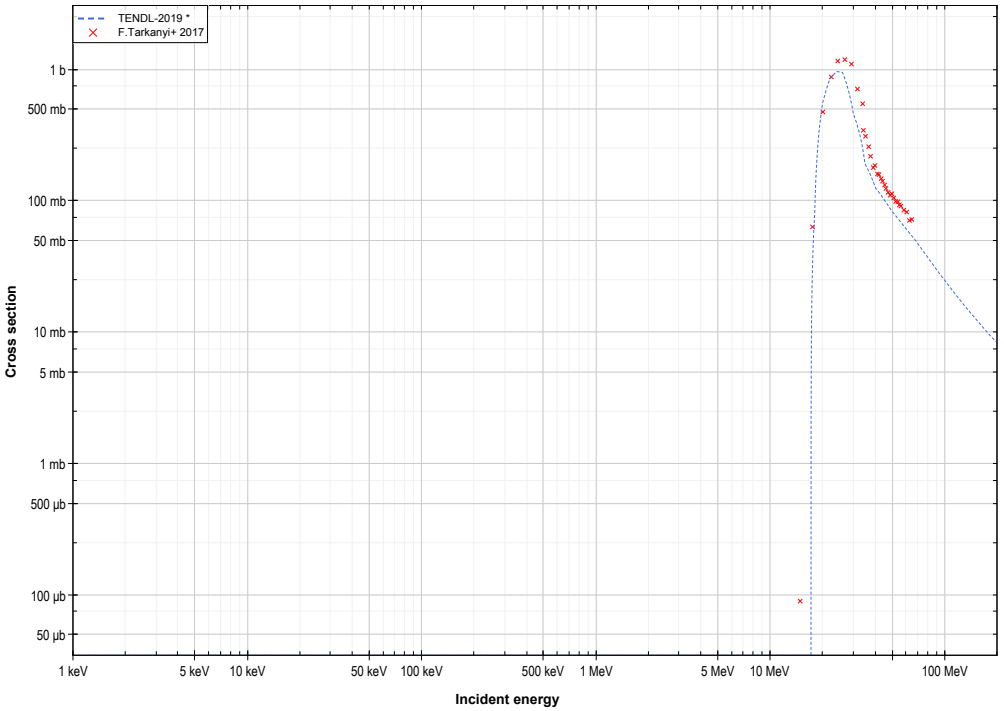
Tb159 (p,2n+d) or Tb156 production lin-log



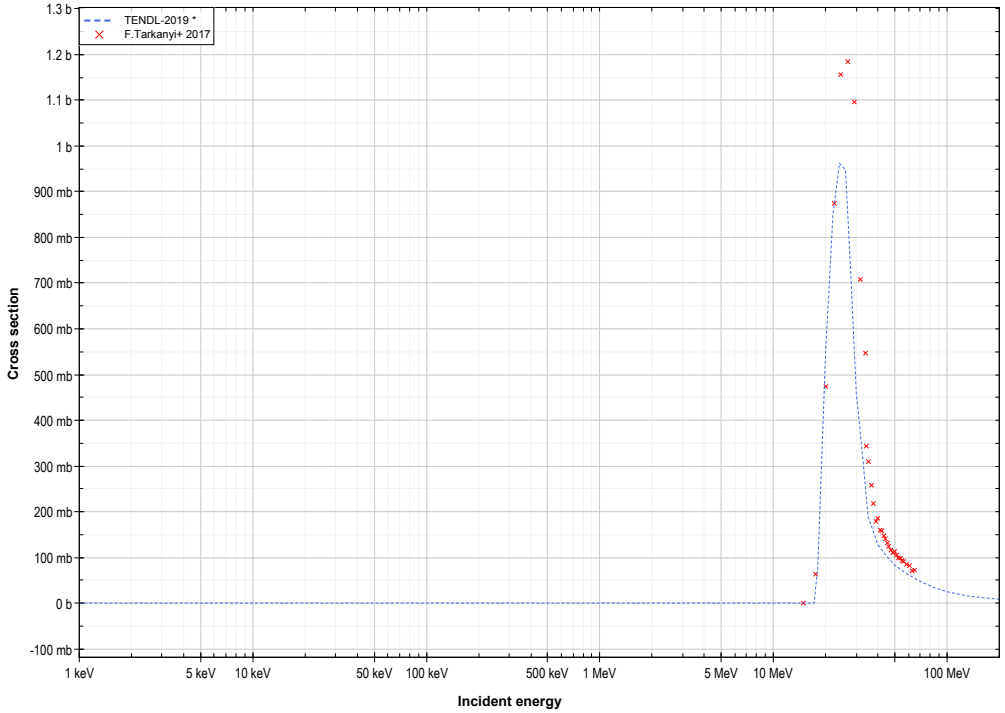
Reaction	Q-Value
Tb159(p,n+t)Tb156	-15173.56 keV
Tb159(p,2n+d)Tb156	-21430.79 keV
Tb159(p,3n+p)Tb156	-23655.35 keV

<< 63-Eu-153	**65-Tb-159**	66-Dy-162 >>
<< MT11 (p,2n+d)	**MT17 (p,3n) or MT5 (Dy157 production)**	MT28 (p,n+p) >>

Tb159 (p,3n) or Dy157 production log-log



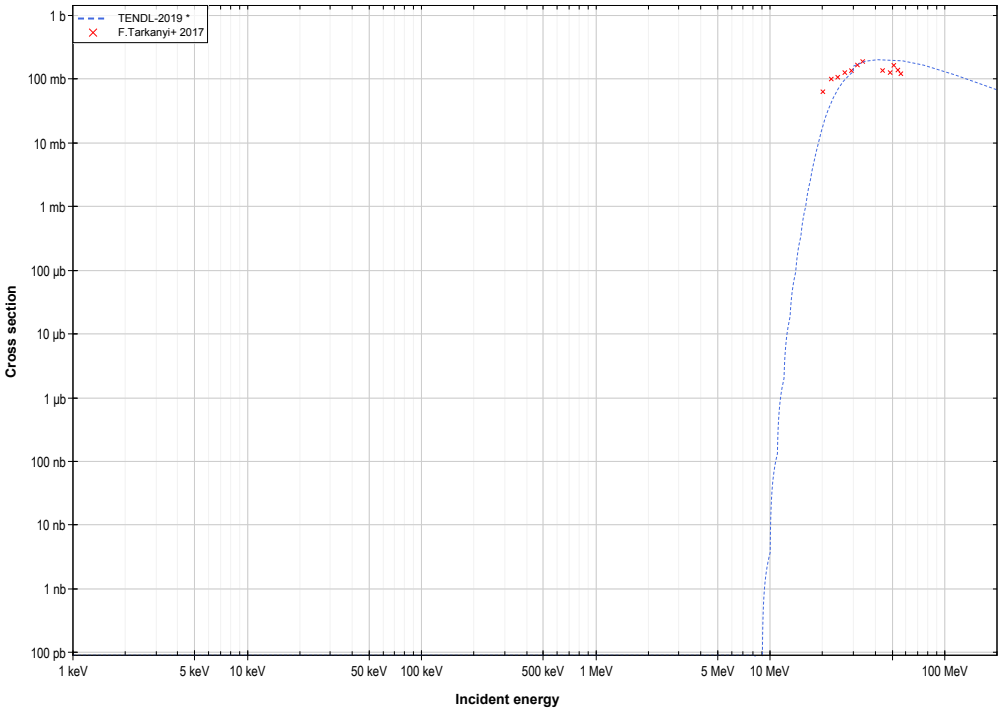
Tb159 (p,3n) or Dy157 production lin-log



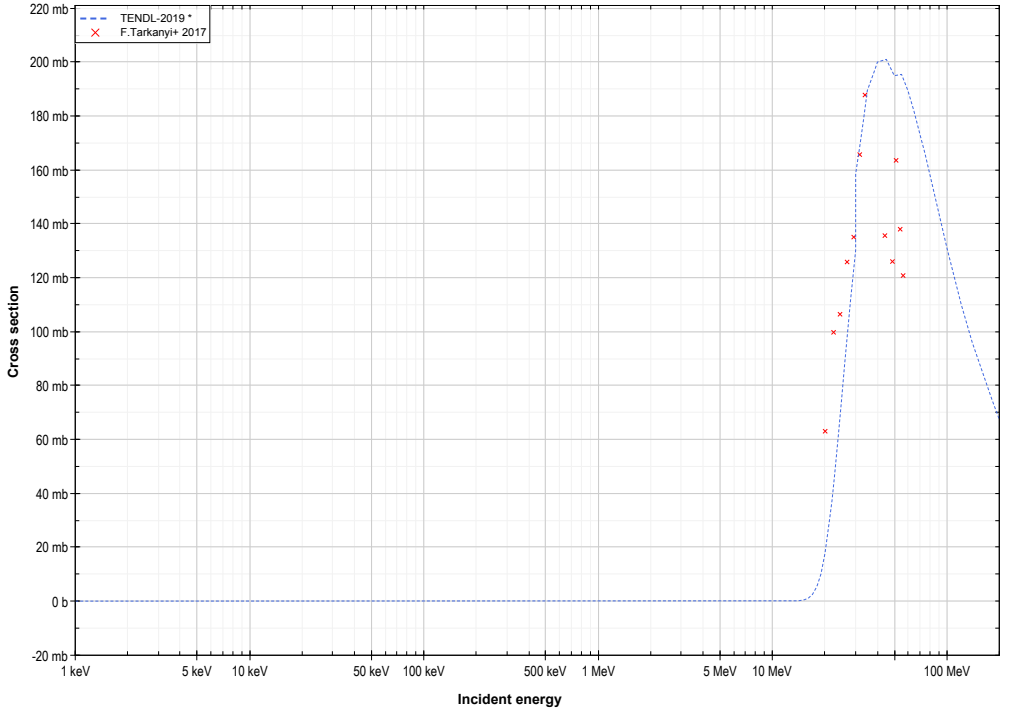
Reaction	Q-Value
Tb159(p,3n)Dy157	-17032.38 keV

<< 60-Nd-150	**65-Tb-159**	69-Tm-169 >>
<< MT17 (p,3n)	**MT28 (p,n+p) or MT5 (Tb158 production)**	MT33 (p,n+t) >>

Tb159 (p,n+p) or Tb158 production log-log



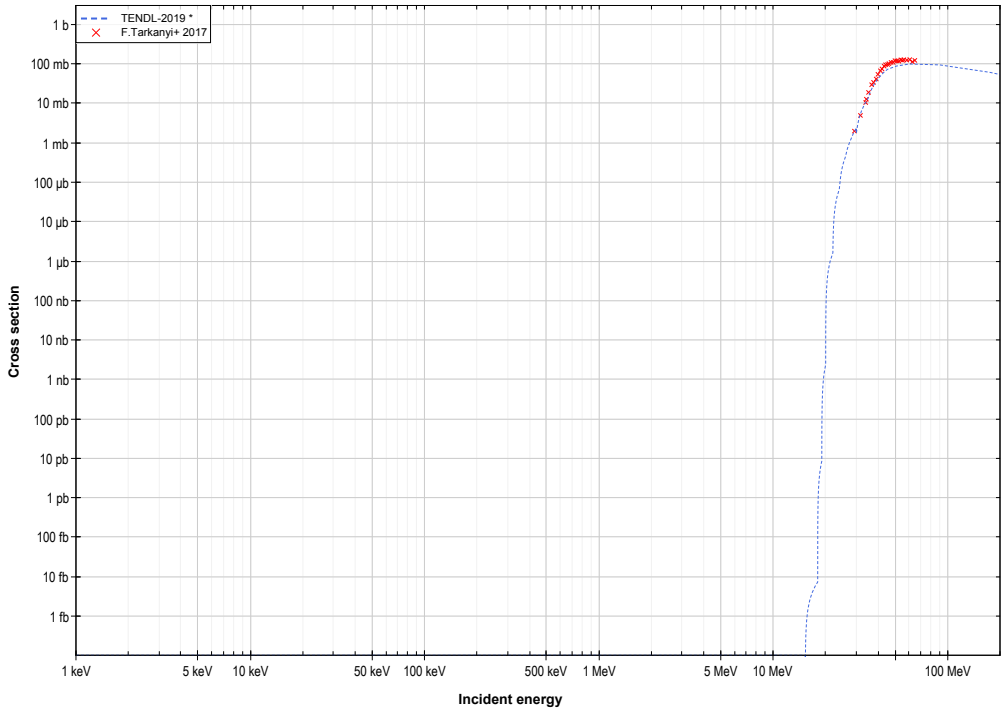
Tb159 (p,n+p) or Tb158 production lin-log



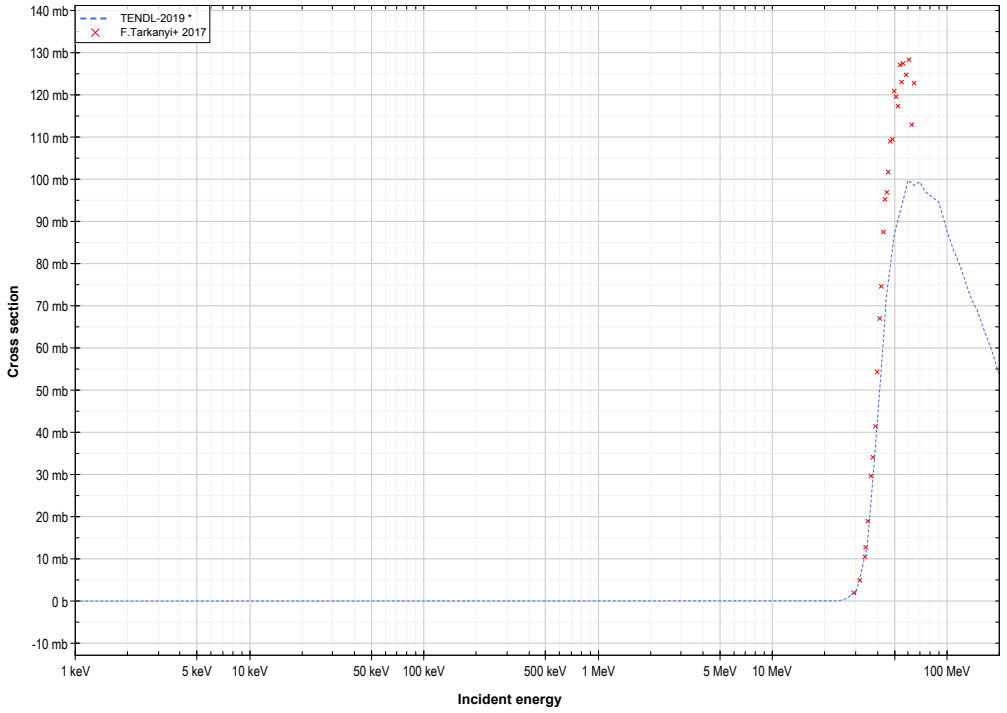
Reaction	Q-Value
Tb159(p,d)Tb158	-5908.45 keV
Tb159(p,n+p)Tb158	-8133.02 keV

<< 55-Cs-133	**65-Tb-159**	79-Au-197 >>
<< MT28 (p,n+p)	**MT33 (p,n+t) or MT5 (Tb156 production)**	MT42 (p,3n+p) >>

Tb159 (p,n+t) or Tb156 production log-log



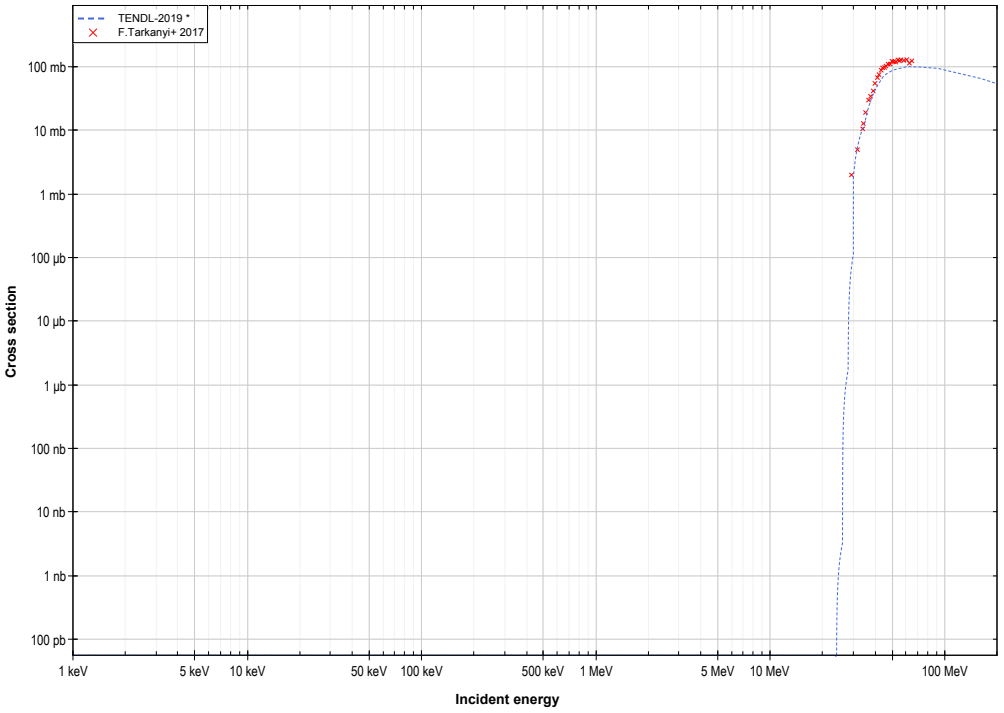
Tb159 (p,n+t) or Tb156 production lin-log



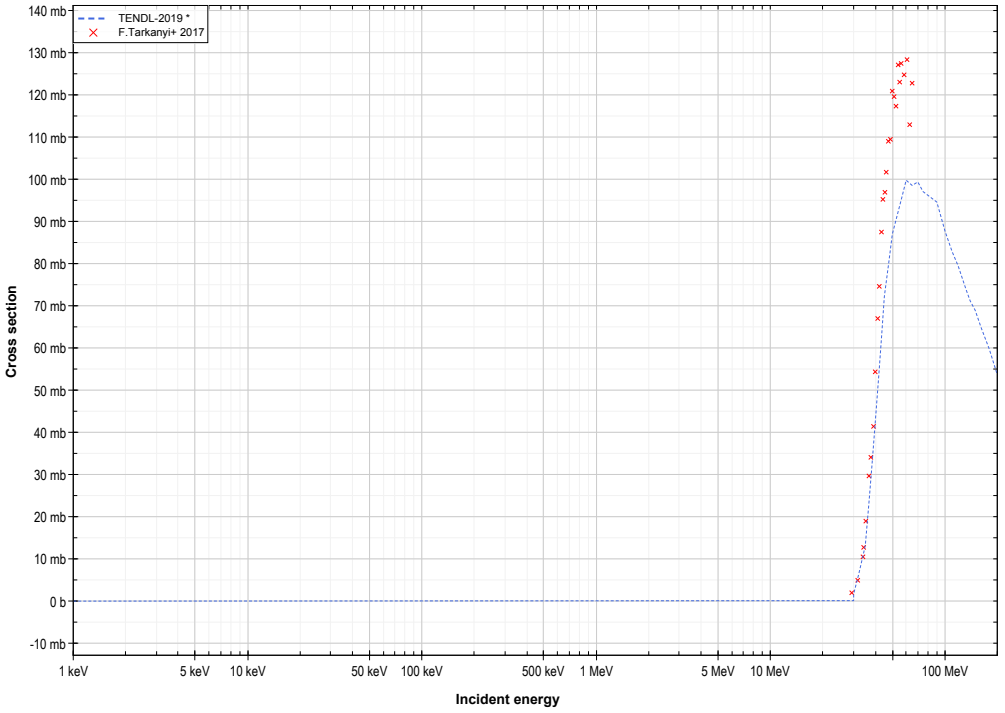
Reaction	Q-Value
Tb159(p,n+t)Tb156	-15173.56 keV
Tb159(p,2n+d)Tb156	-21430.79 keV
Tb159(p,3n+p)Tb156	-23655.35 keV

<< 55-Cs-133	**65-Tb-159**	79-Au-197 >>
<< MT33 (p,n+t)	**MT42 (p,3n+p) or MT5 (Tb156 production)**	MT104 (p,d) >>

Tb159 (p,3n+p) or Tb156 production log-log



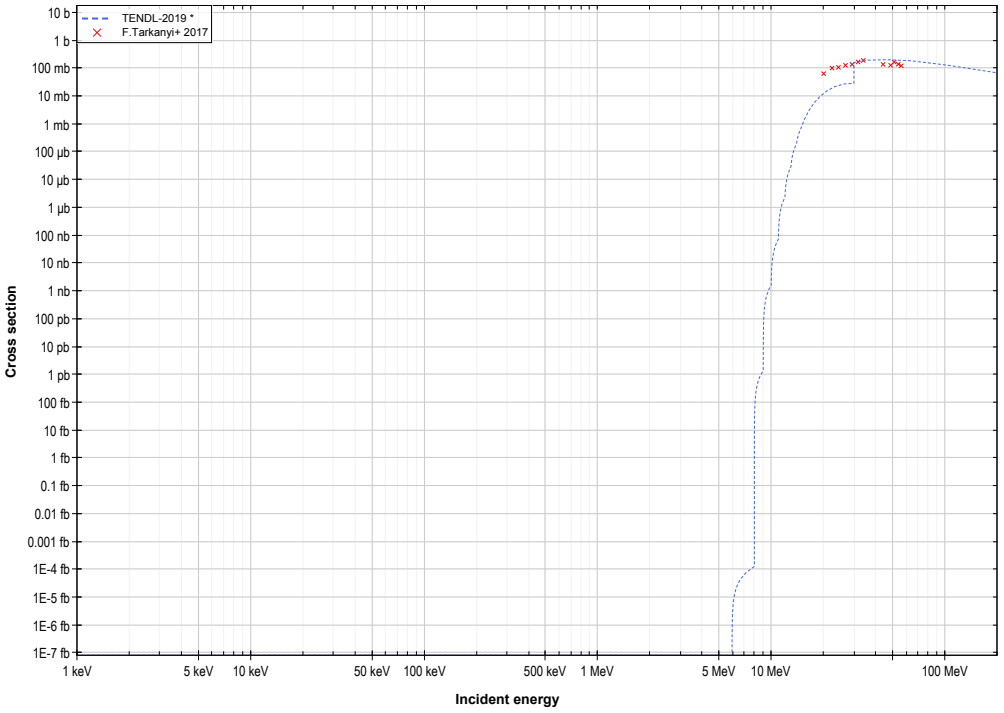
Tb159 (p,3n+p) or Tb156 production lin-log



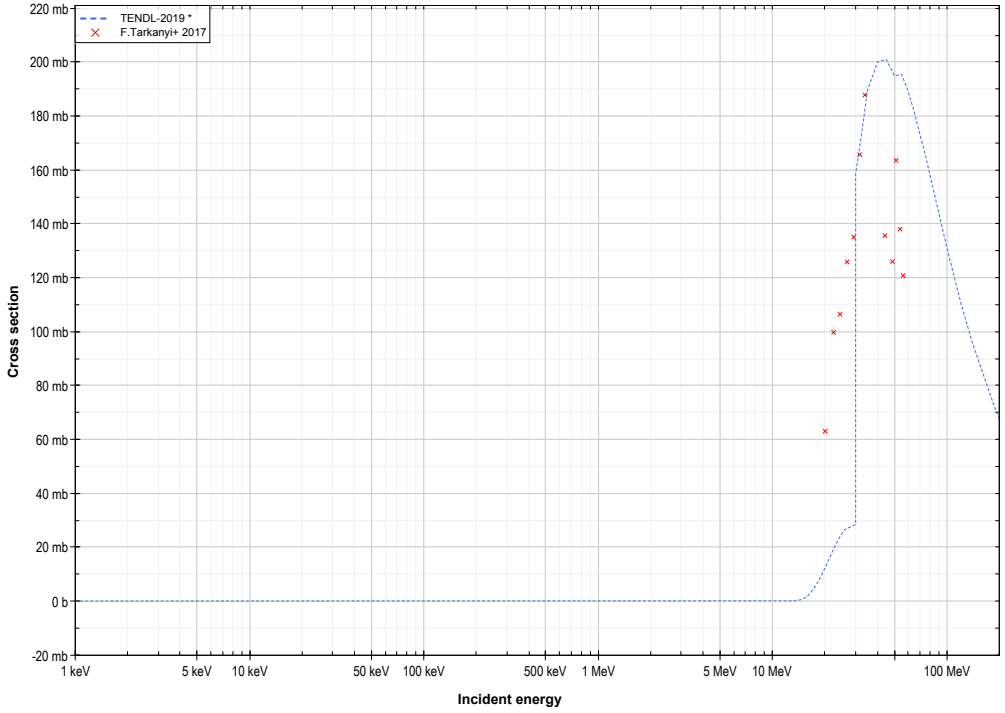
Reaction	Q-Value
Tb159(p,n+t)Tb156	-15173.56 keV
Tb159(p,2n+d)Tb156	-21430.79 keV
Tb159(p,3n+p)Tb156	-23655.35 keV

<< 60-Nd-150	**65-Tb-159**	69-Tm-169 >>
<< MT42 (p,3n+p)	**MT104 (p,d) or MT5 (Tb158 production)**	MT152 (p,5n) >>

Tb159 (p,d) or Tb158 production log-log



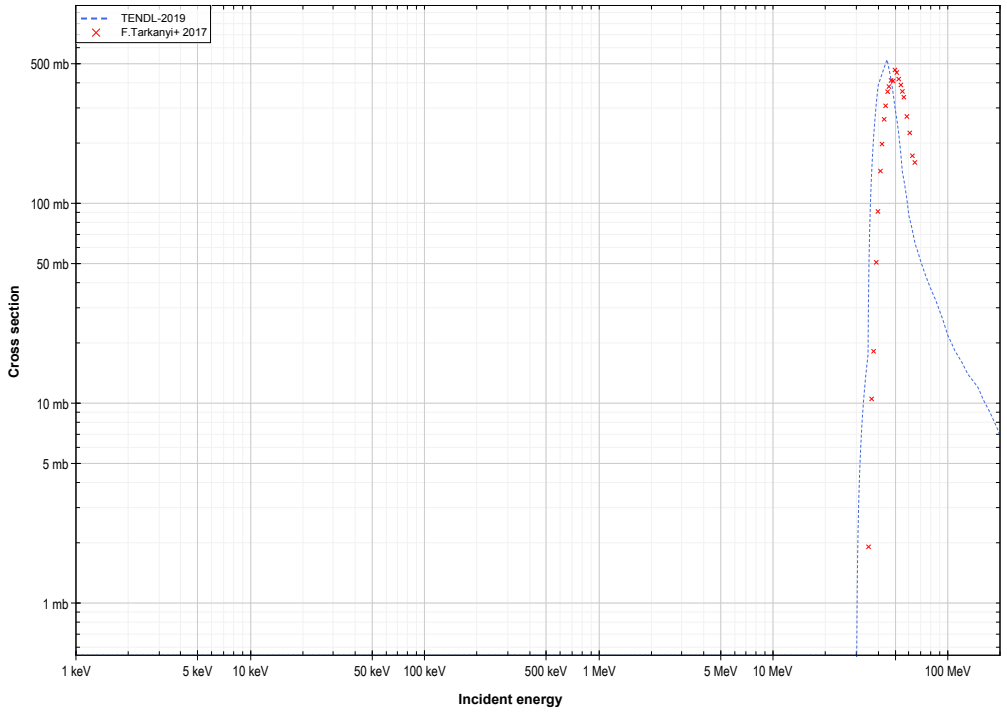
Tb159 (p,d) or Tb158 production lin-log



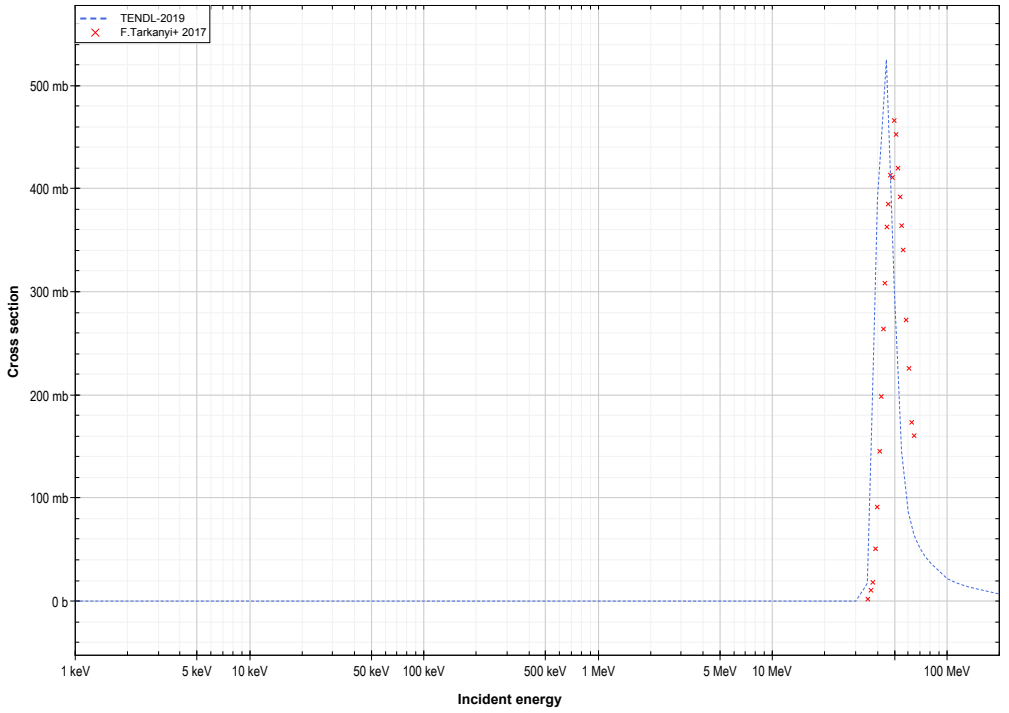
Reaction	Q-Value
Tb159(p,d)Tb158	-5908.45 keV
Tb159(p,n+p)Tb158	-8133.02 keV

<< 59-Pr-141	**65-Tb-159**	67-Ho-165 >>
<< MT104 (p,d)	**MT152 (p,5n) or MT5 (Dy155 production)**	MT160 (p,7n) >>

Tb159 (p,5n) or Dy155 production log-log



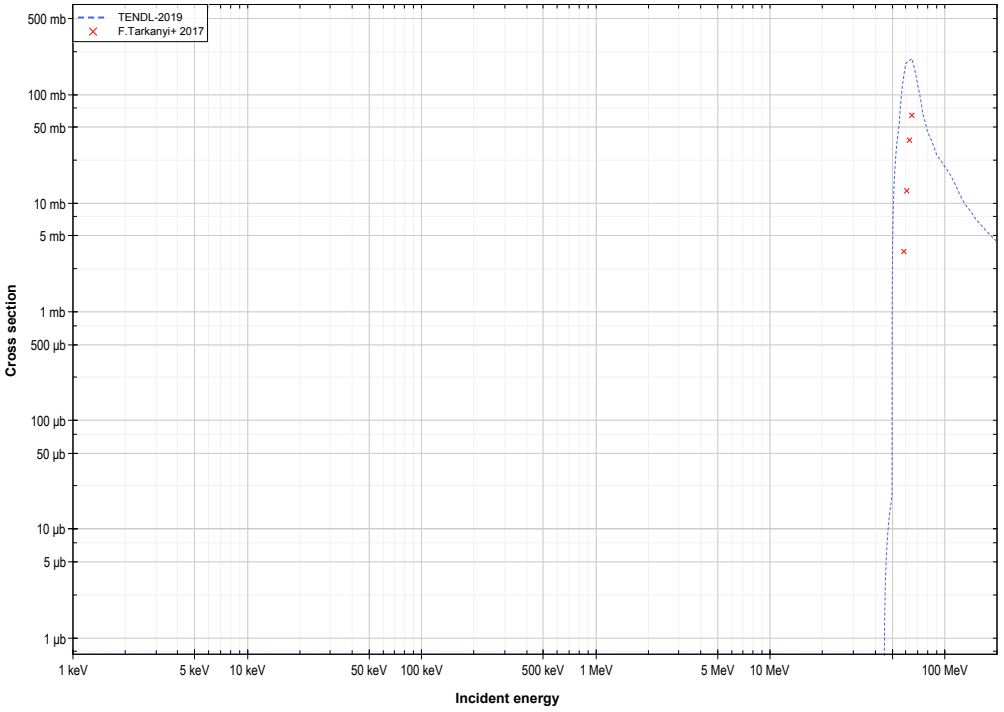
Tb159 (p,5n) or Dy155 production lin-log



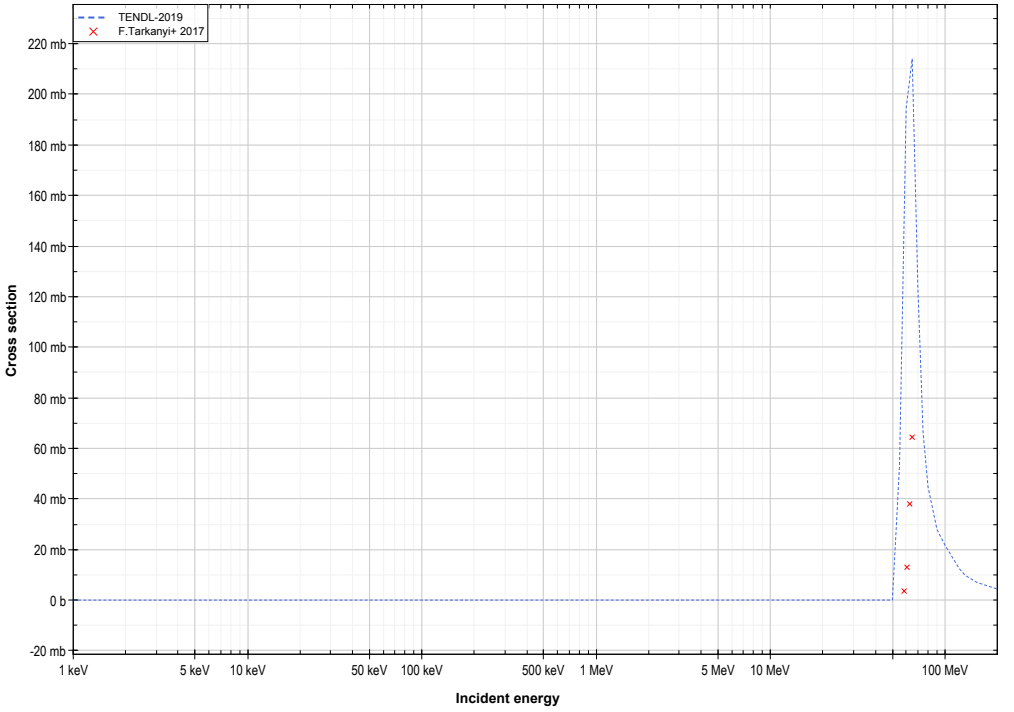
Reaction	Q-Value
Tb159(p,5n)Dy155	-33444.01 keV

<< 59-Pr-141	**65-Tb-159**	76-Os-192 >>
<< MT152 (p,5n)	**MT160 (p,7n) or MT5 (Dy153 production)**	66-Dy-161 MT4 (p,n) >>

Tb159 (p,7n) or Dy153 production log-log



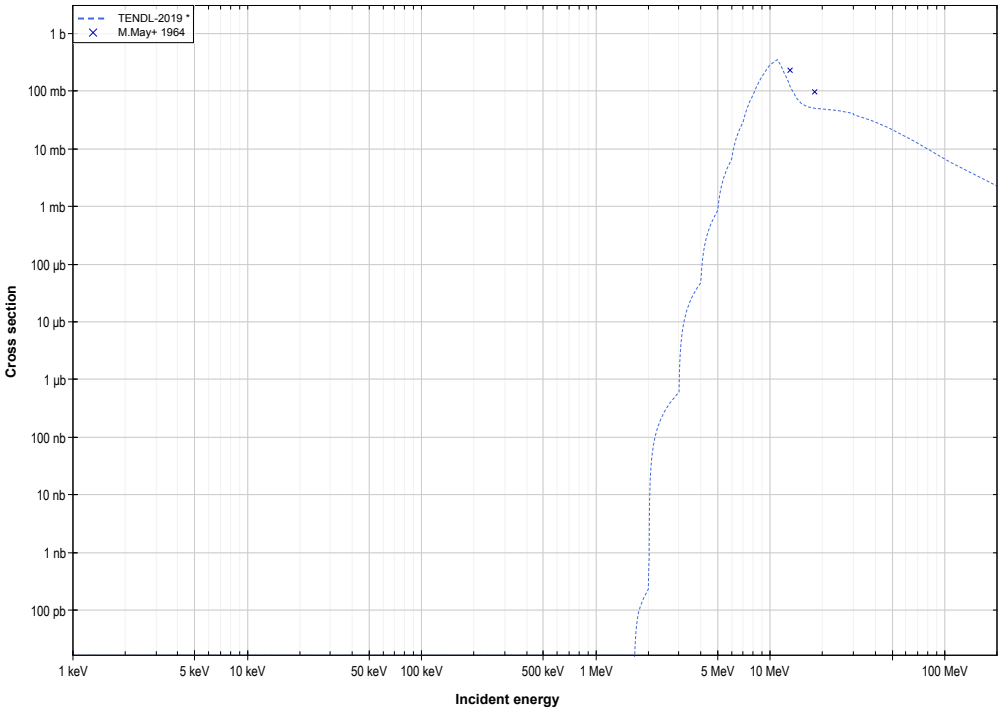
Tb159 (p,7n) or Dy153 production lin-log



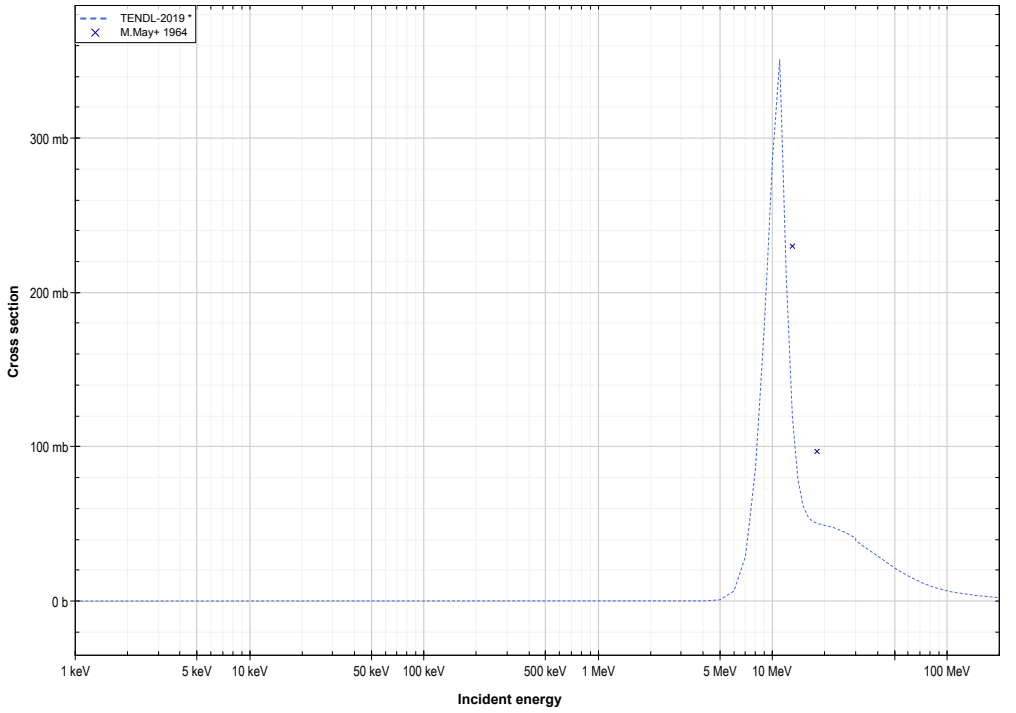
Reaction	Q-Value
Tb159(p,7n)Dy153	-49599.65 keV

<< 65-Tb-159	**66-Dy-161**	66-Dy-162 >>
<< 65-Tb-159 MT160 (p,7n)	**MT4 (p,n) or MT5 (Ho161 production)**	MT16 (p,2n) >>

Dy161 (p,n) or Ho161 production log-log



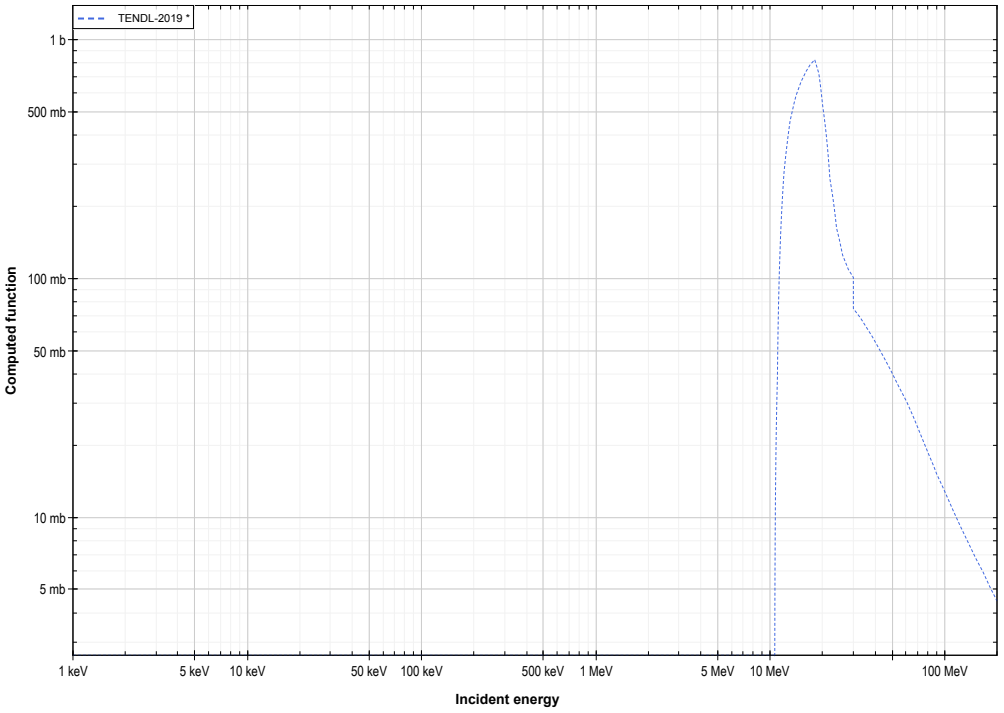
Dy161 (p,n) or Ho161 production lin-log



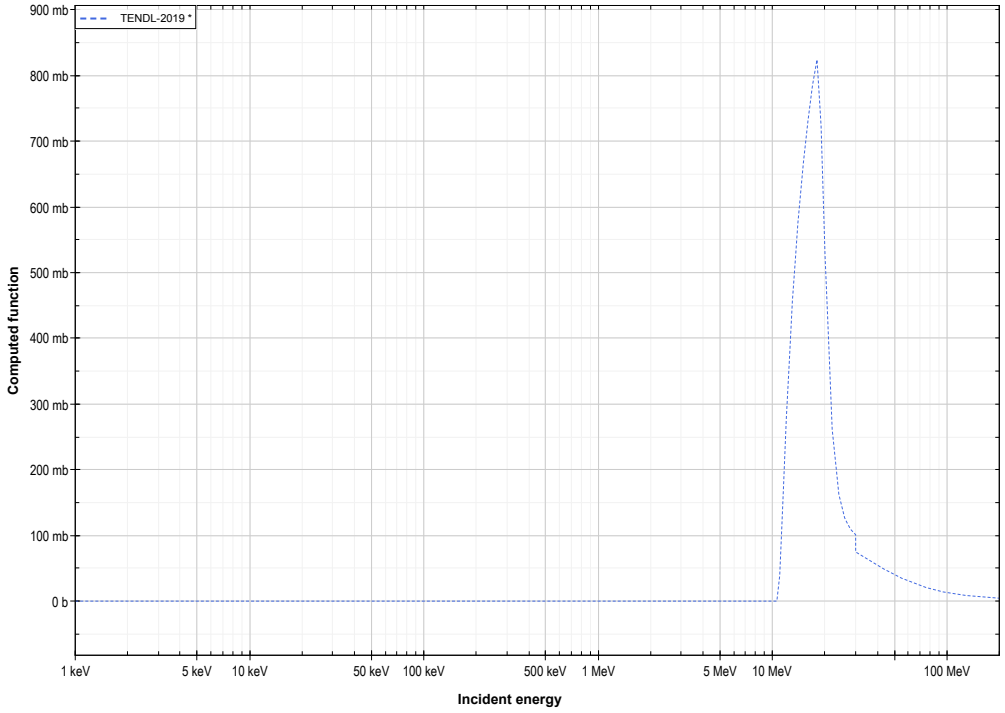
Reaction	Q-Value
Dy161(p,n)Ho161	-1640.85 keV

<< 62-Sm-147	**66-Dy-161**	66-Dy-162 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Ho160 production)**	66-Dy-162 MT4 (p,n) >>

Dy161 (p,2n) or Ho160 production log-log



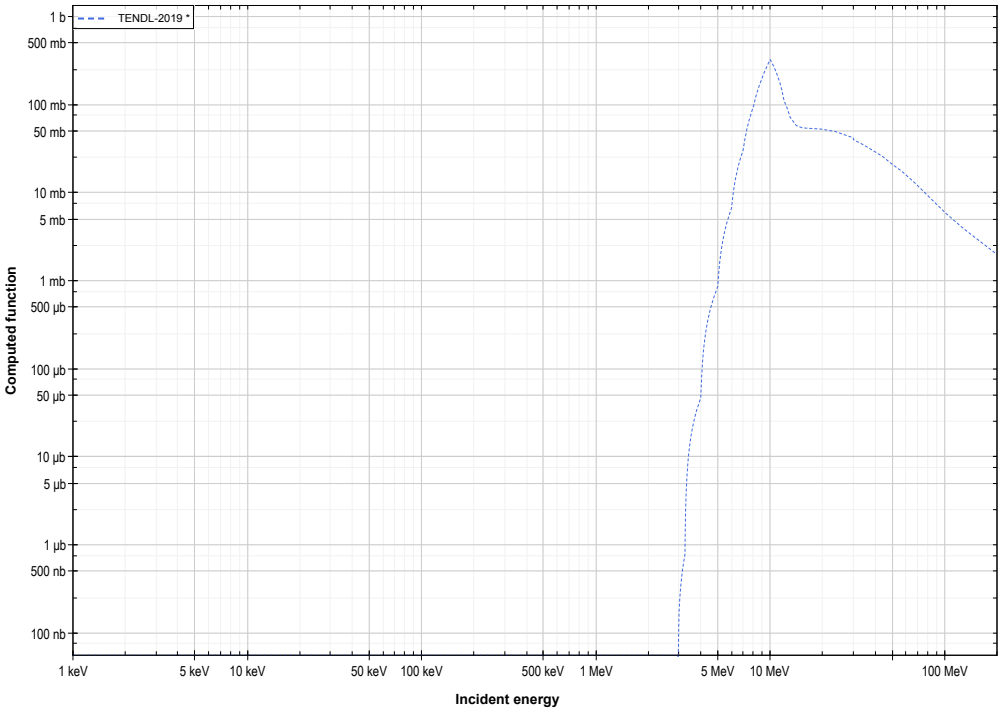
Dy161 (p,2n) or Ho160 production lin-log



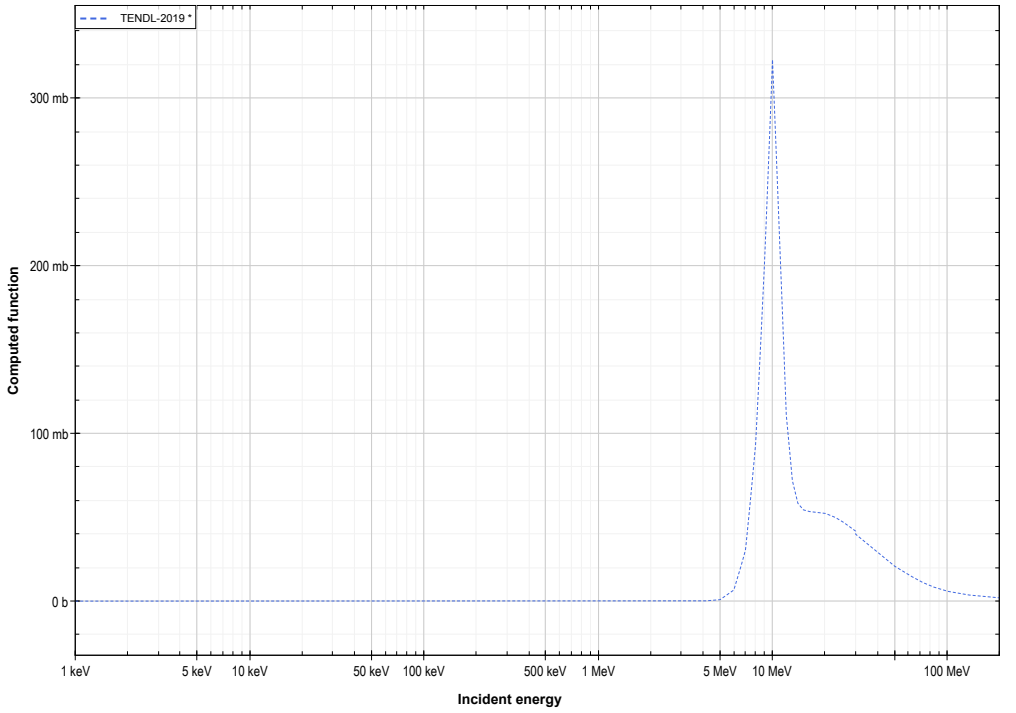
Reaction	Q-Value
Dy161(p,2n)Ho160	-10526.46 keV

<< 66-Dy-161	**66-Dy-162**	67-Ho-165 >>
<< 66-Dy-161 MT16 (p,2n)	**MT4 (p,n) or MT5 (Ho162 production)**	MT16 (p,2n) >>

Dy162 (p,n) or Ho162 production log-log



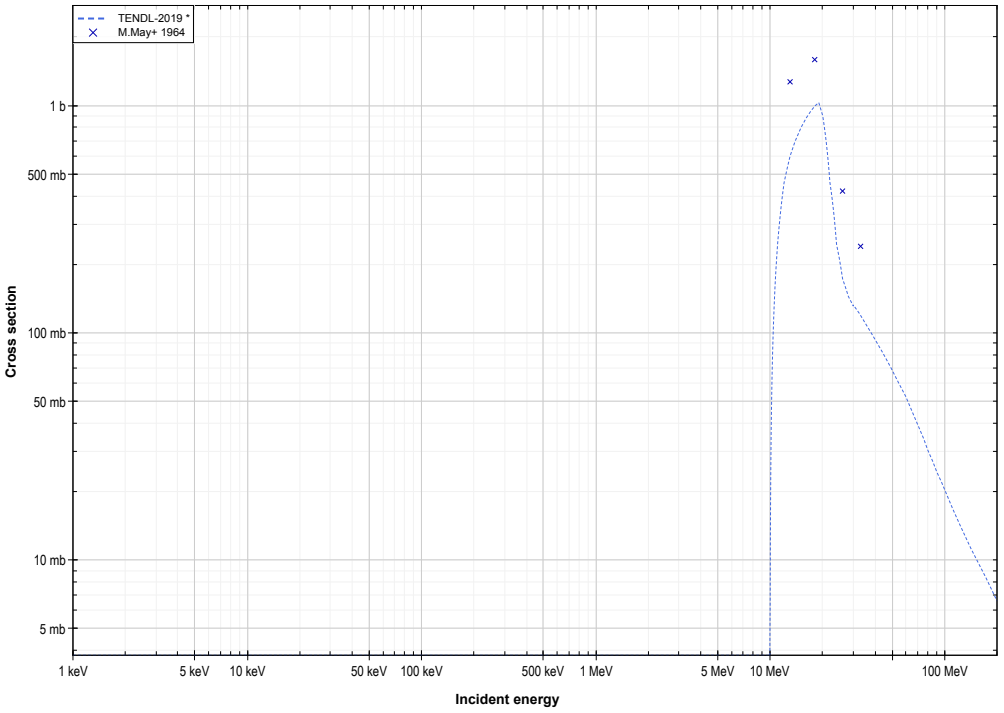
Dy162 (p,n) or Ho162 production lin-log



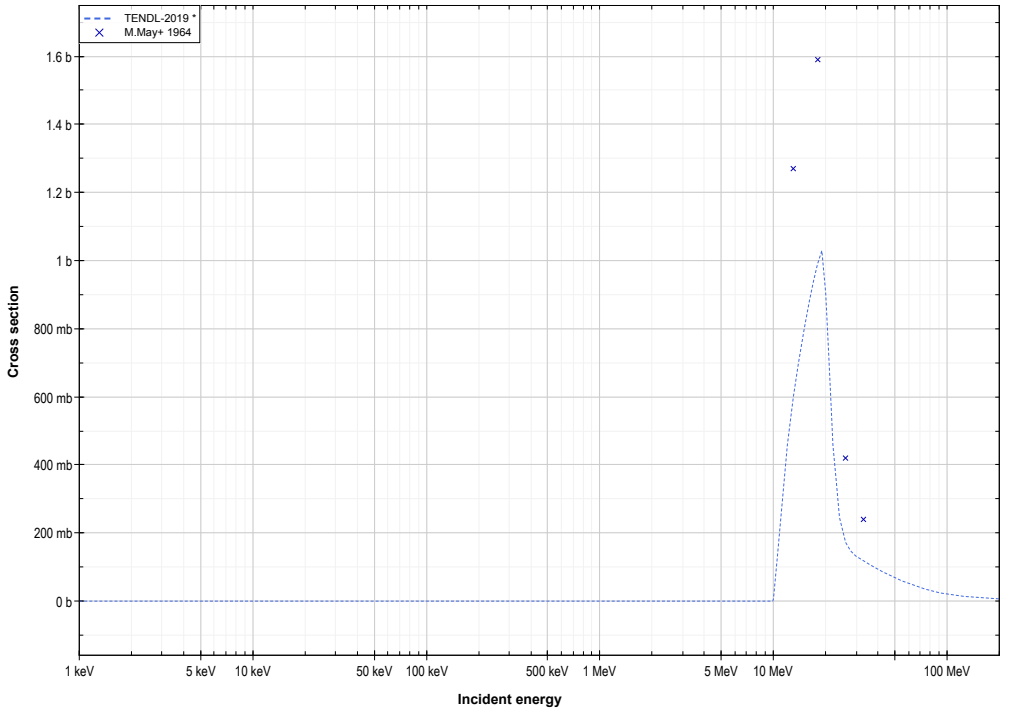
Reaction	Q-Value
Dy162(p,n)Ho162	-2921.85 keV

<< 66-Dy-161	**66-Dy-162**	66-Dy-163 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Ho161 production)**	MT17 (p,3n) >>

Dy162 (p,2n) or Ho161 production log-log



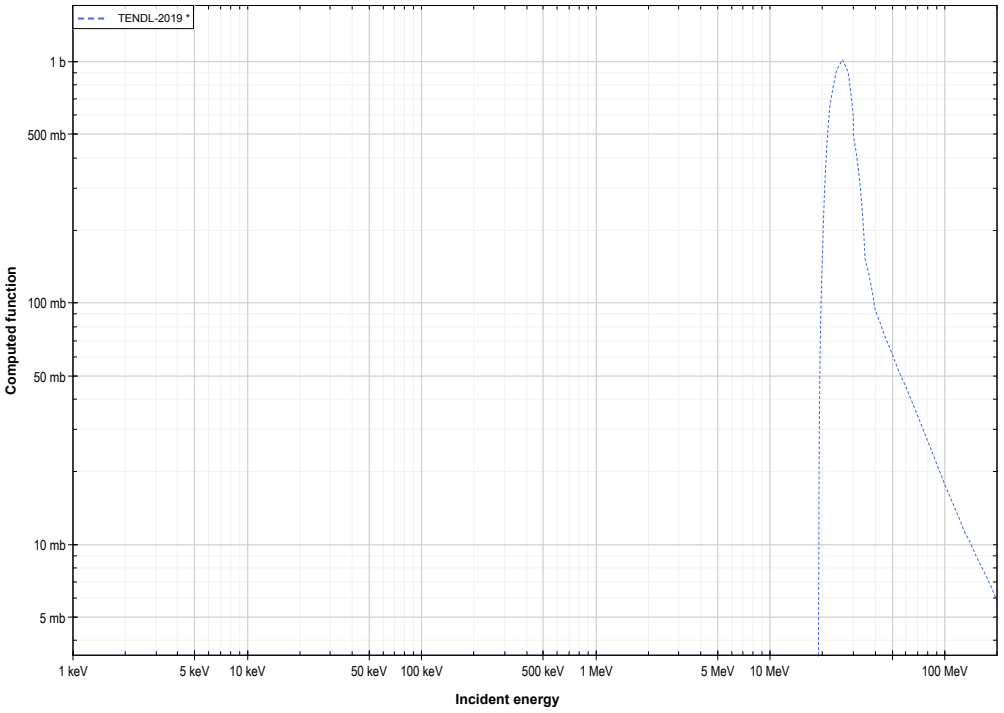
Dy162 (p,2n) or Ho161 production lin-log



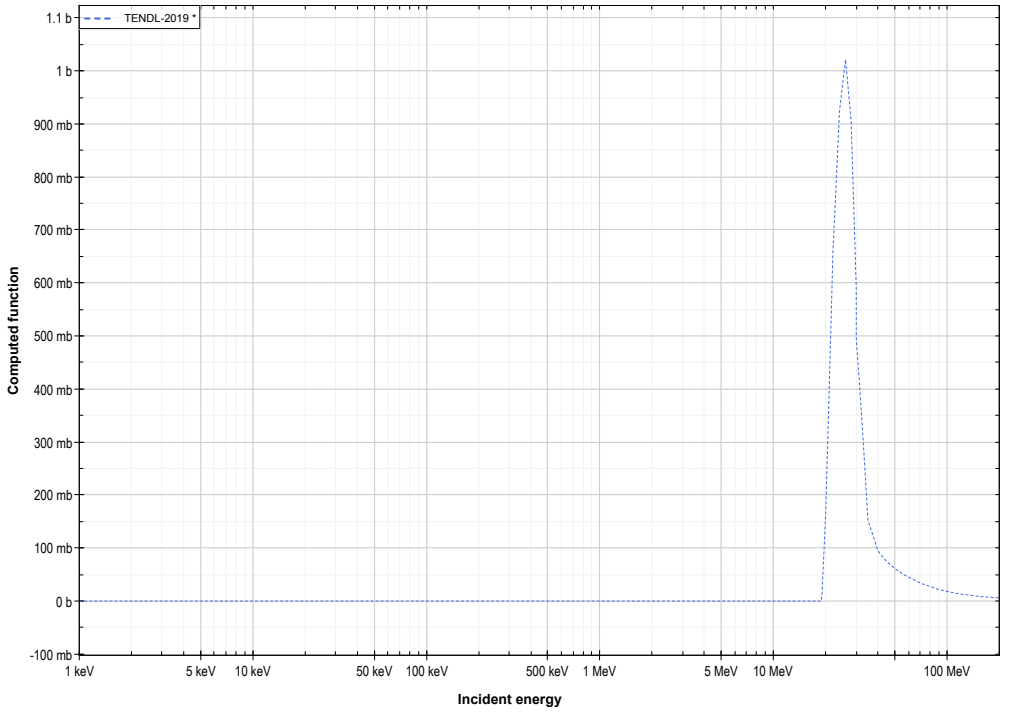
Reaction	Q-Value
Dy162(p,2n)Ho161	-9837.86 keV

<< 65-Tb-159	**66-Dy-162**	66-Dy-163 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Ho160 production)**	66-Dy-163 MT16 (p,2n) >>

Dy162 (p,3n) or Ho160 production log-log



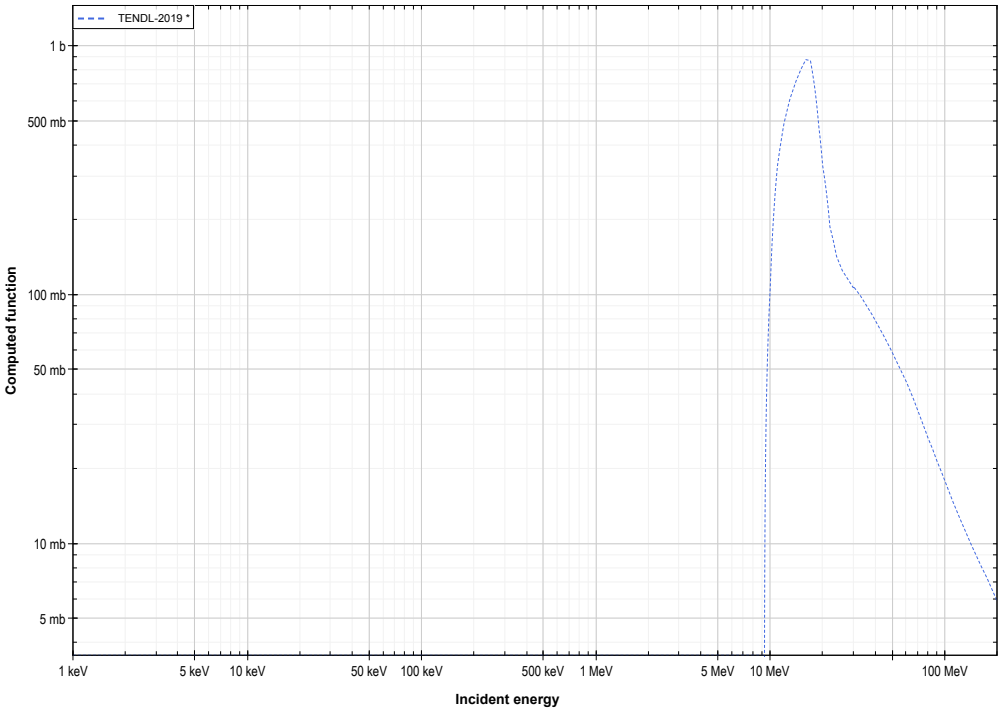
Dy162 (p,3n) or Ho160 production lin-log



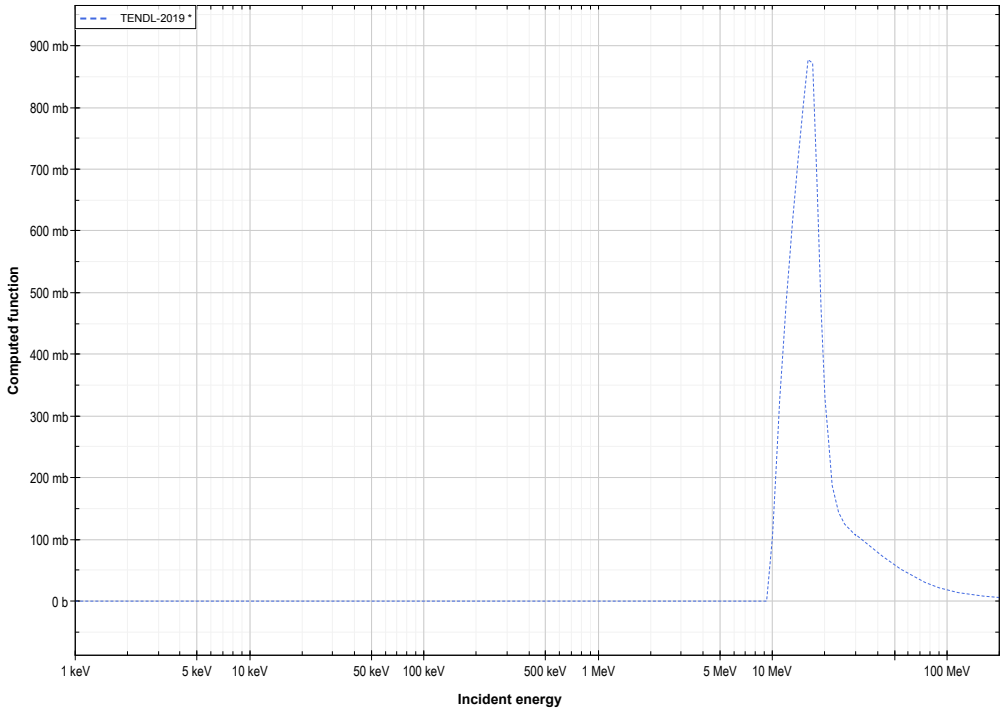
Reaction	Q-Value
Dy162(p,3n)Ho160	-18723.48 keV

<< 66-Dy-162	**66-Dy-163**	68-Er-166 >>
<< 66-Dy-162 MT17 (p,3n)	**MT16 (p,2n) or MT5 (Ho162 production)**	MT17 (p,3n) >>

Dy163 (p,2n) or Ho162 production log-log



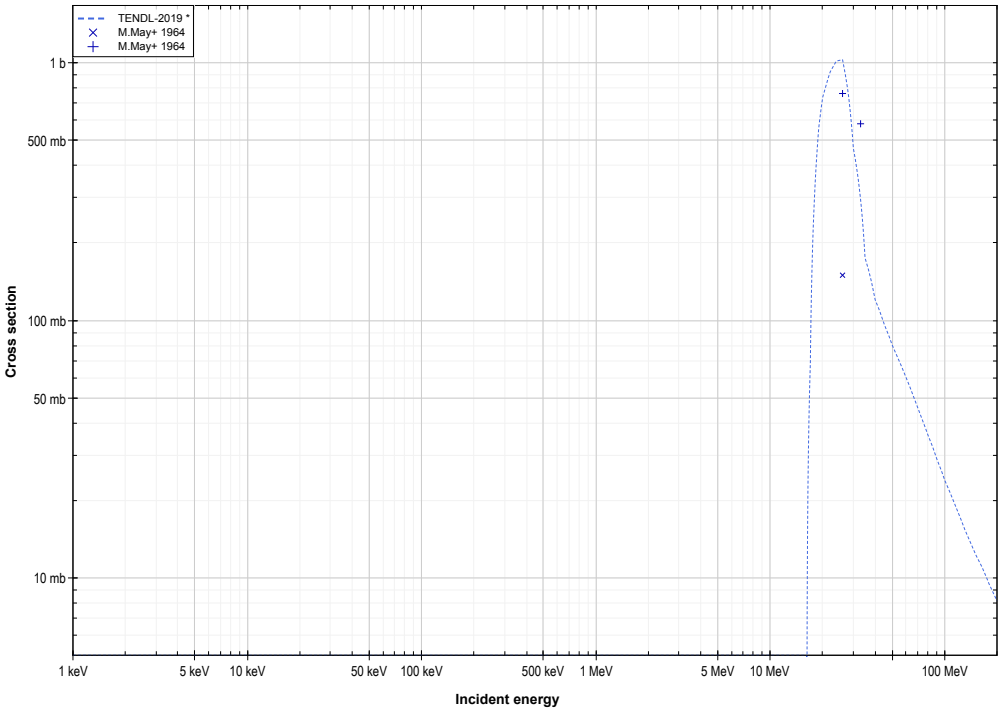
Dy163 (p,2n) or Ho162 production lin-log



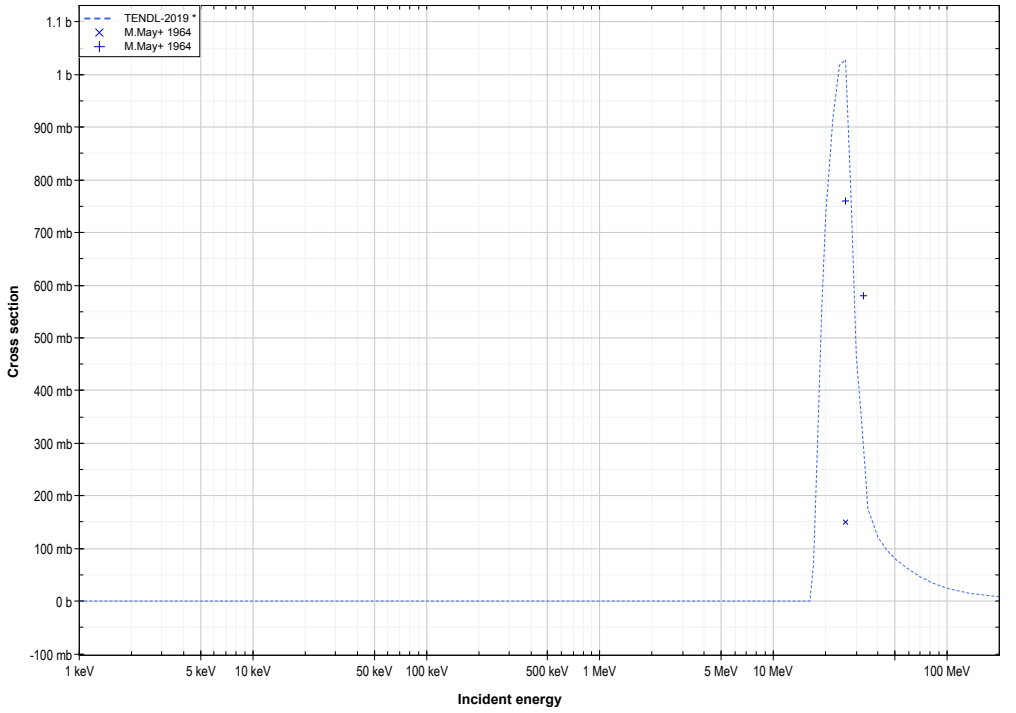
Reaction	Q-Value
Dy163(p,2n)Ho162	-9192.86 keV

<< 66-Dy-162	**66-Dy-163**	69-Tm-169 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Ho161 production)**	MT37 (p,4n) >>

Dy163 (p,3n) or Ho161 production log-log



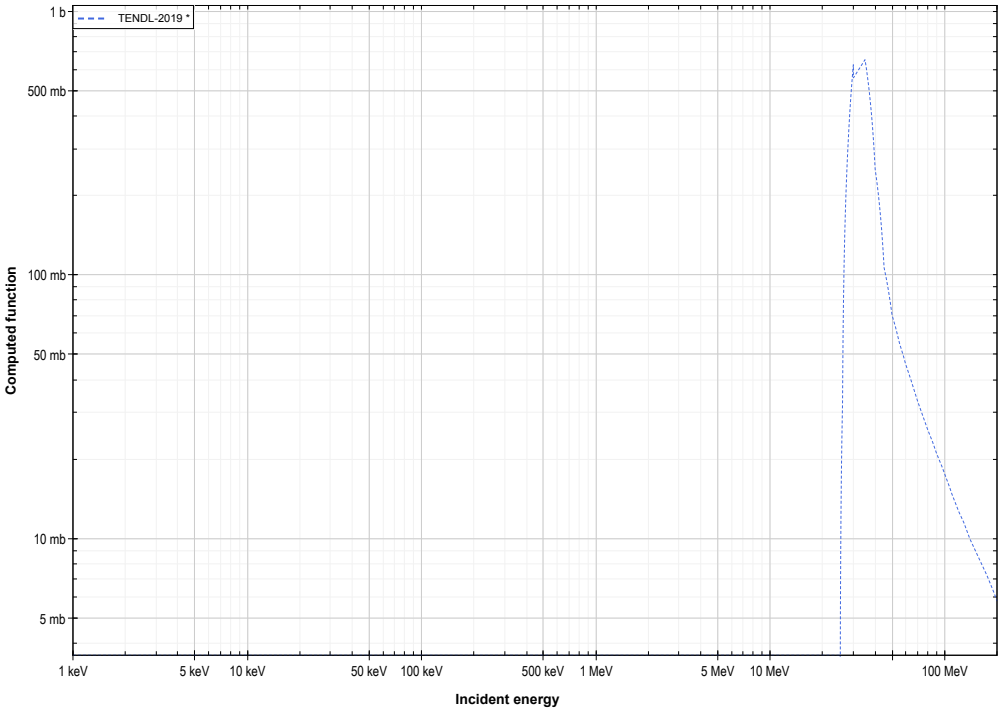
Dy163 (p,3n) or Ho161 production lin-log



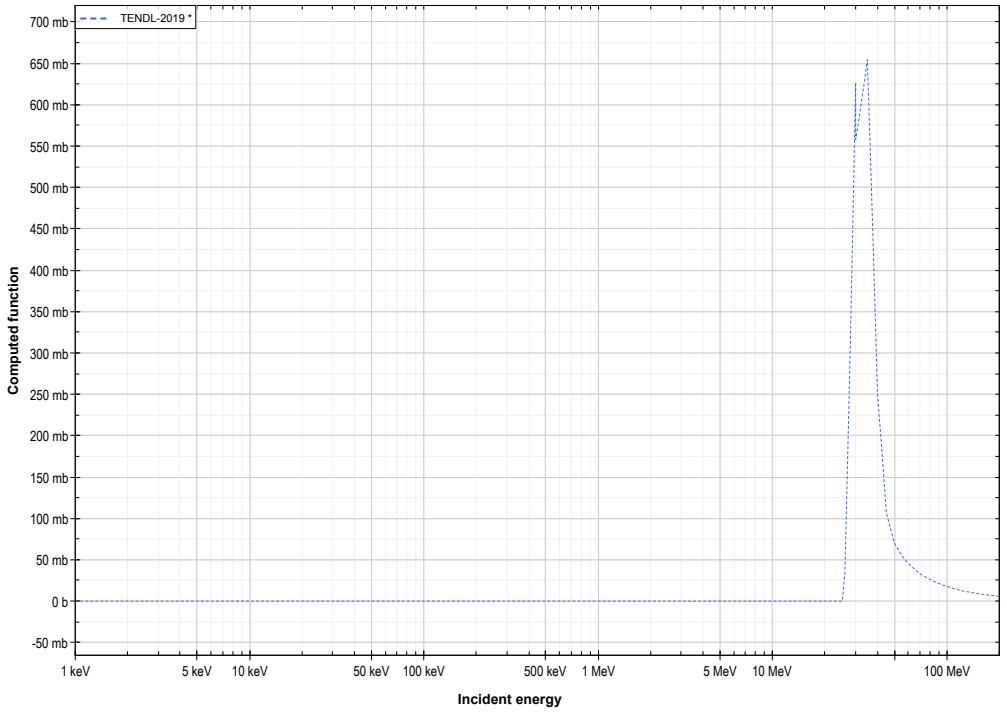
Reaction	Q-Value
Dy163(p,3n)Ho161	-16108.88 keV

<< 59-Pr-141	**66-Dy-163**	69-Tm-169 >>
<< MT17 (p,3n)	**MT37 (p,4n) or MT5 (Ho160 production)**	67-Ho-165 MT4 (p,n) >>

Dy163 (p,4n) or Ho160 production log-log



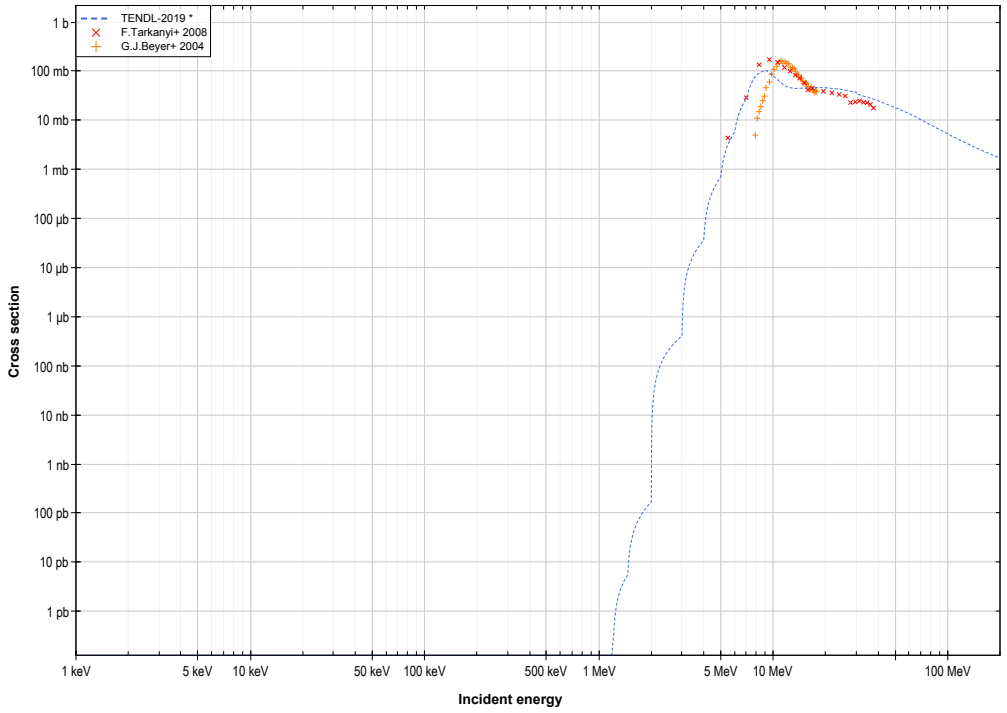
Dy163 (p,4n) or Ho160 production lin-log



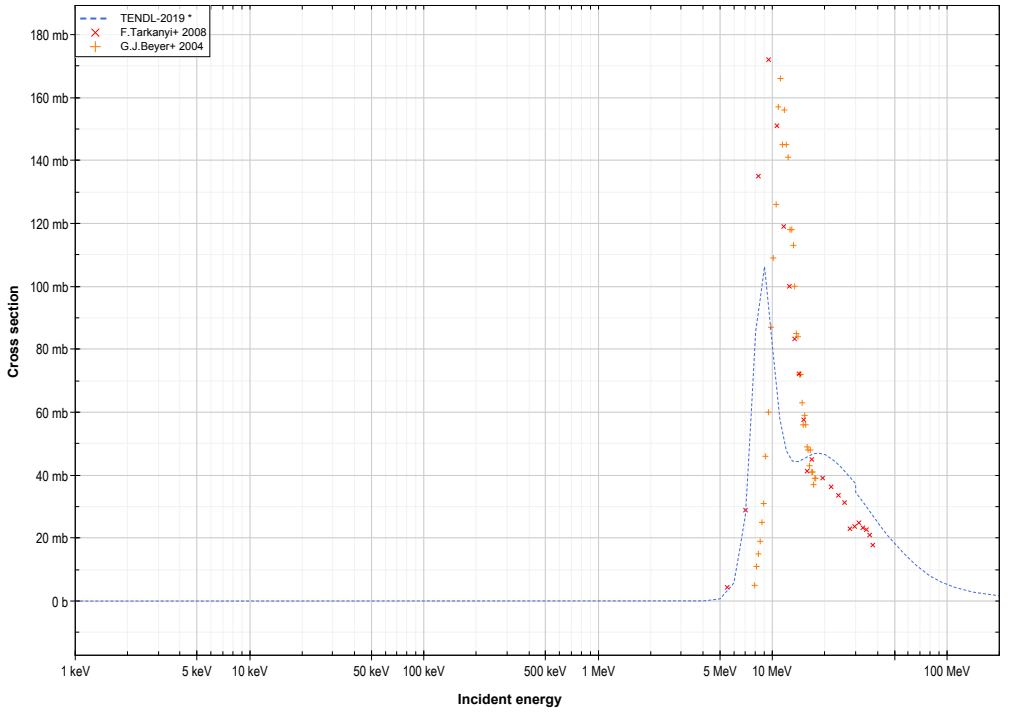
Reaction	Q-Value
Dy163(p,4n)Ho160	-24994.50 keV

<< 66-Dy-162	**67-Ho-165**	68-Er-167 >>
<< 66-Dy-163 MT37 (p,4n)	**MT4 (p,n) or MT5 (Er165 production)**	MT103 (p,p) >>

Ho165 (p,n) or Er165 production log-log



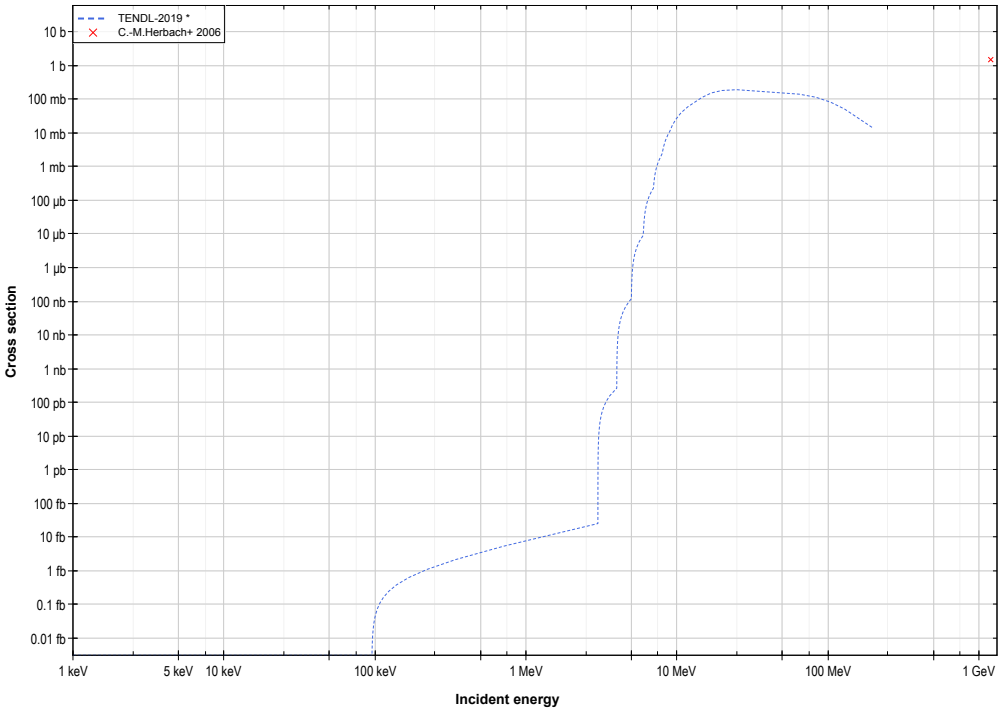
Ho165 (p,n) or Er165 production lin-log



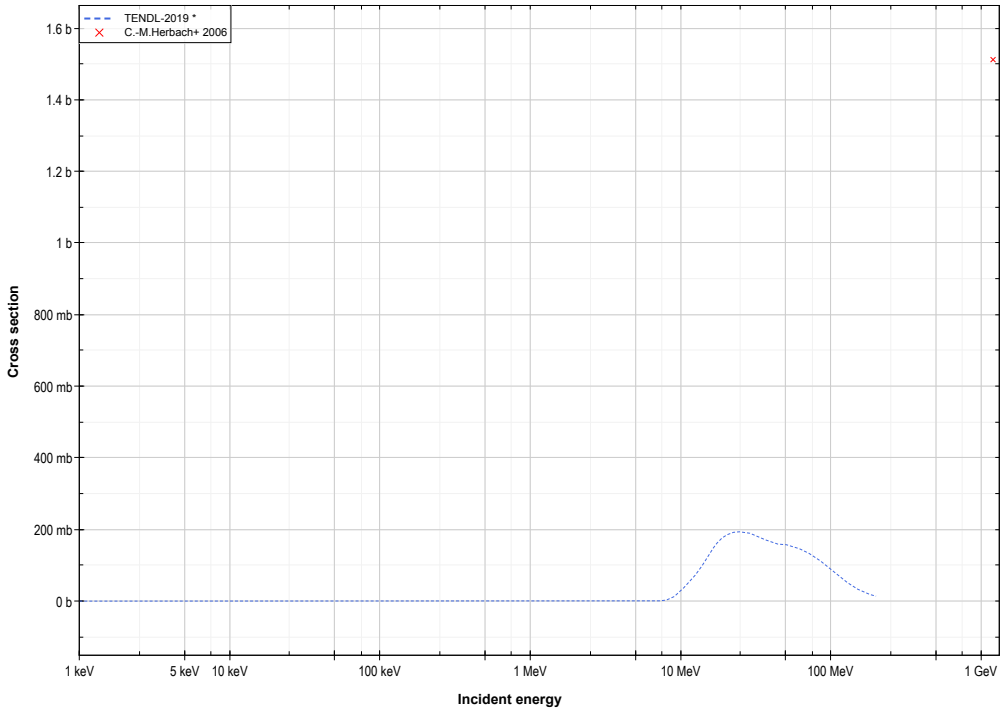
Reaction	Q-Value
Ho165(p,n)Er165	-1159.75 keV

<< 49-In-115	**67-Ho-165**	92-U-235 >>
<< MT4 (p,n)	**MT103 (p,p) or MT5 (Ho165 production)**	MT152 (p,5n) >>

Ho165 (p,p) or Ho165 production log-log



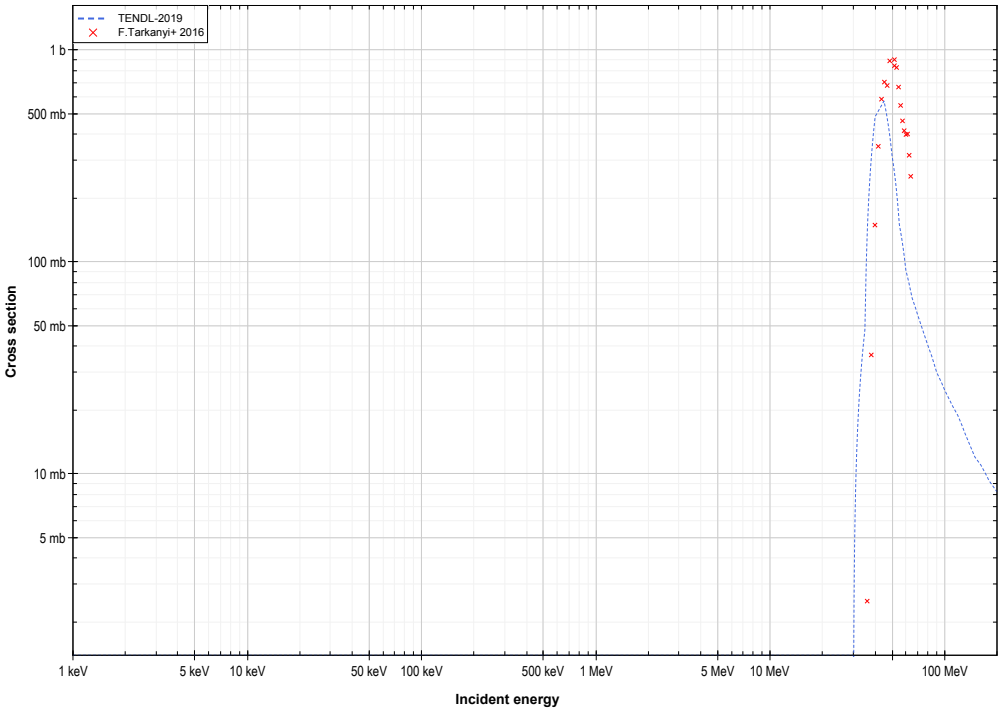
Ho165 (p,p) or Ho165 production lin-log



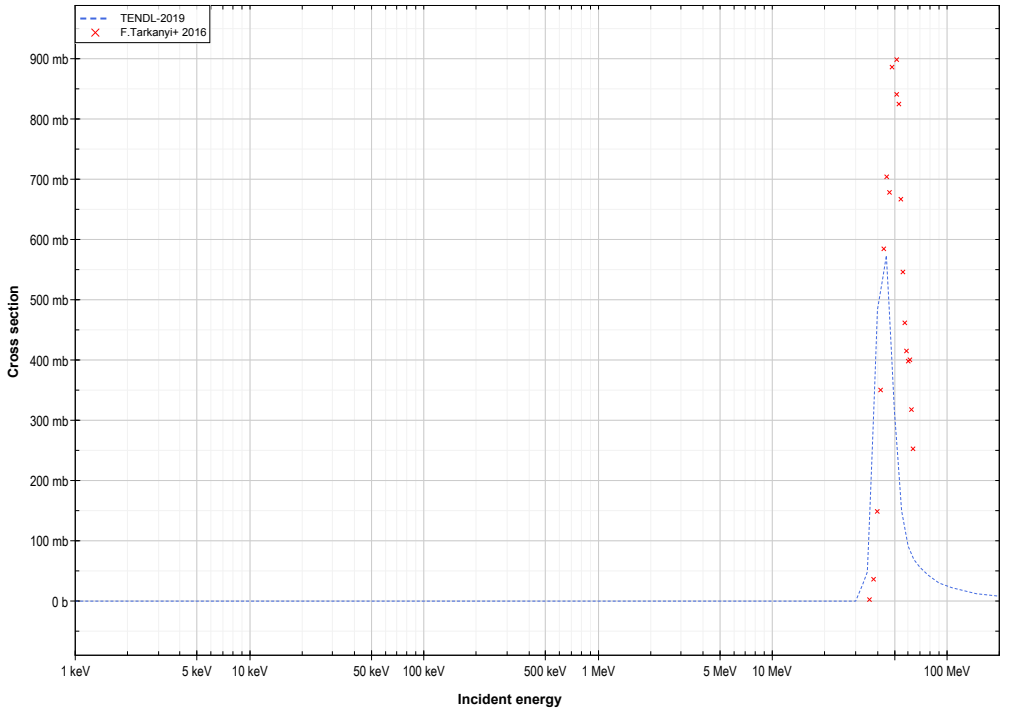
Reaction	Q-Value
Ho165(p,p)Ho165	0.00 keV

<< 65-Tb-159	**67-Ho-165**	73-Ta-181 >>
<< MT103 (p,p)	**MT152 (p,5n) or MT5 (Er161 production)**	MT153 (p,6n) >>

Ho165 (p,5n) or Er161 production log-log



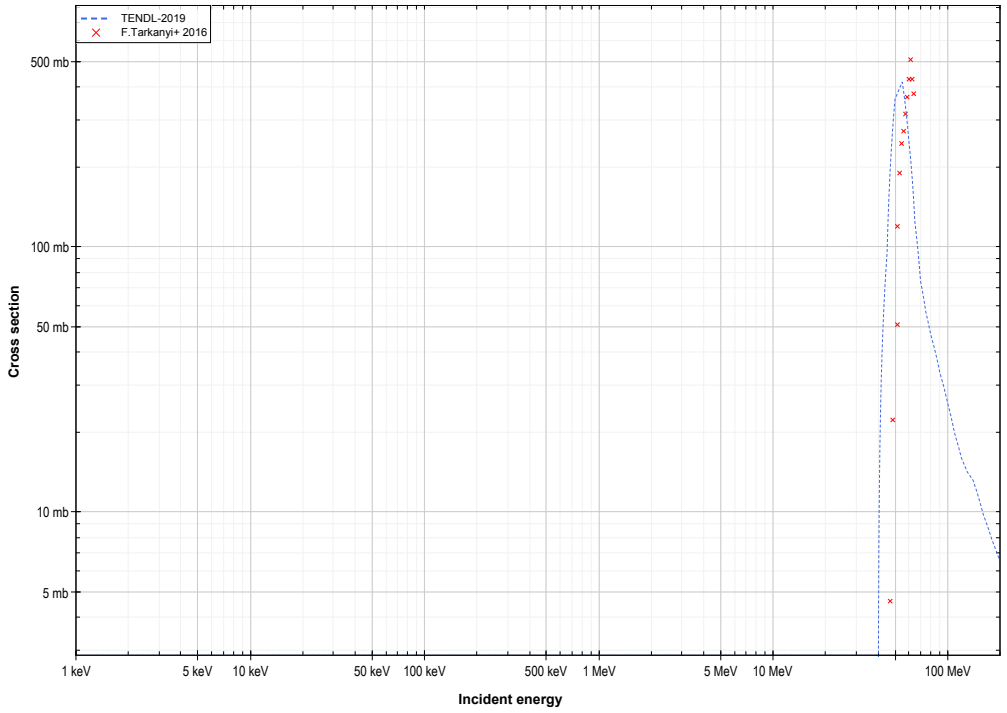
Ho165 (p,5n) or Er161 production lin-log



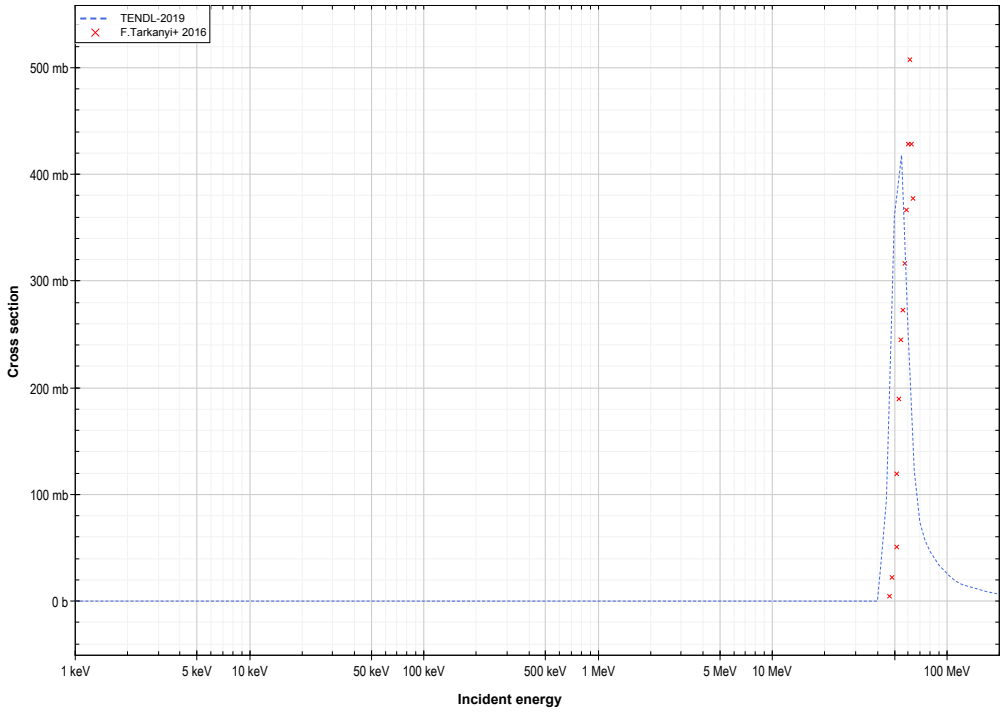
Reaction	Q-Value
Ho165(p,5n)Er161	-32764.61 keV

<< 59-Pr-141	**67-Ho-165**	76-Os-192 >>
<< MT152 (p,5n)	**MT153 (p,6n) or MT5 (Er160 production)**	68-Er-166 MT16 (p,2n) >>

Ho165 (p,6n) or Er160 production log-log



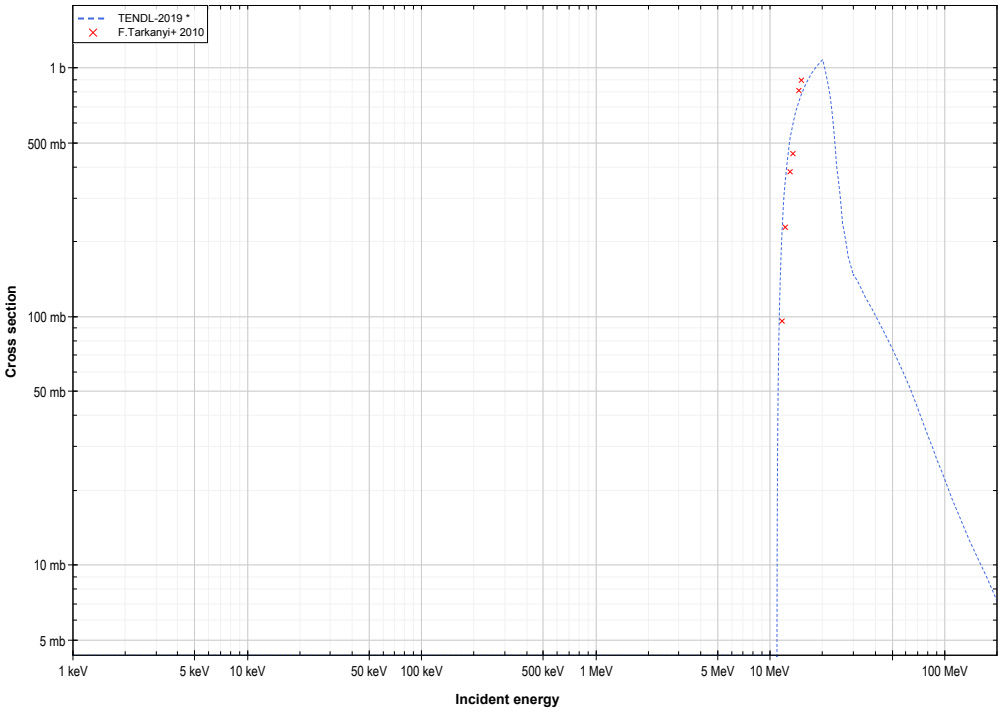
Ho165 (p,6n) or Er160 production lin-log



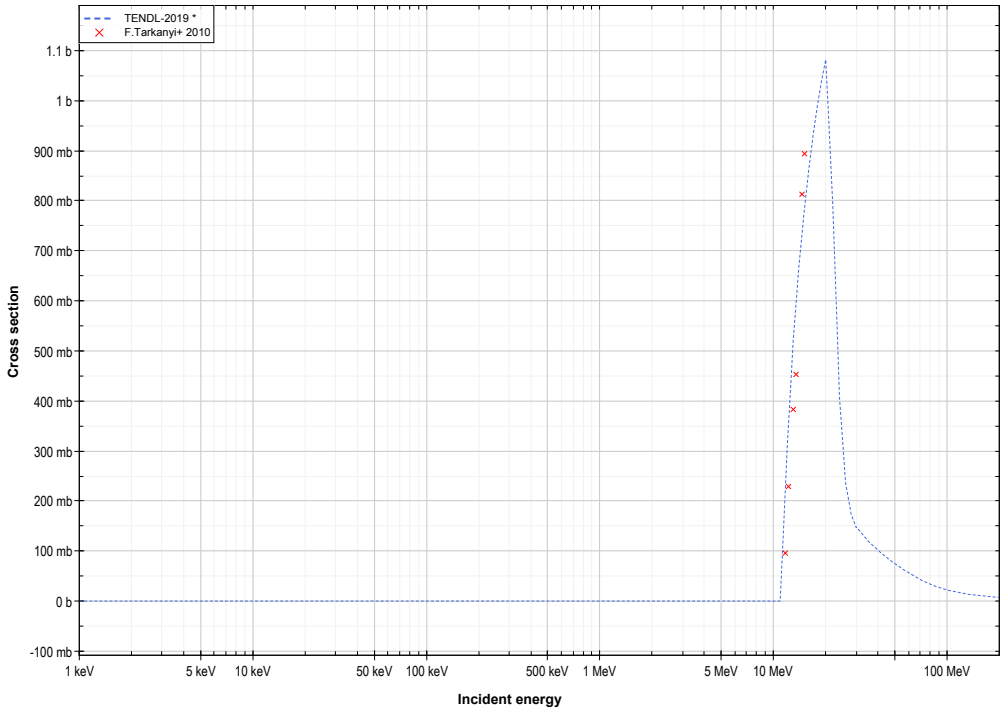
Reaction	Q-Value
Ho165(p,6n)Er160	-39973.93 keV

<< 66-Dy-163	**68-Er-166**	68-Er-167 >>
<< 67-Ho-165 MT153 (p,6n)	**MT16 (p,2n) or MT5 (Tm165 production)**	68-Er-167 MT4 (p,n) >>

Er166 (p,2n) or Tm165 production log-log



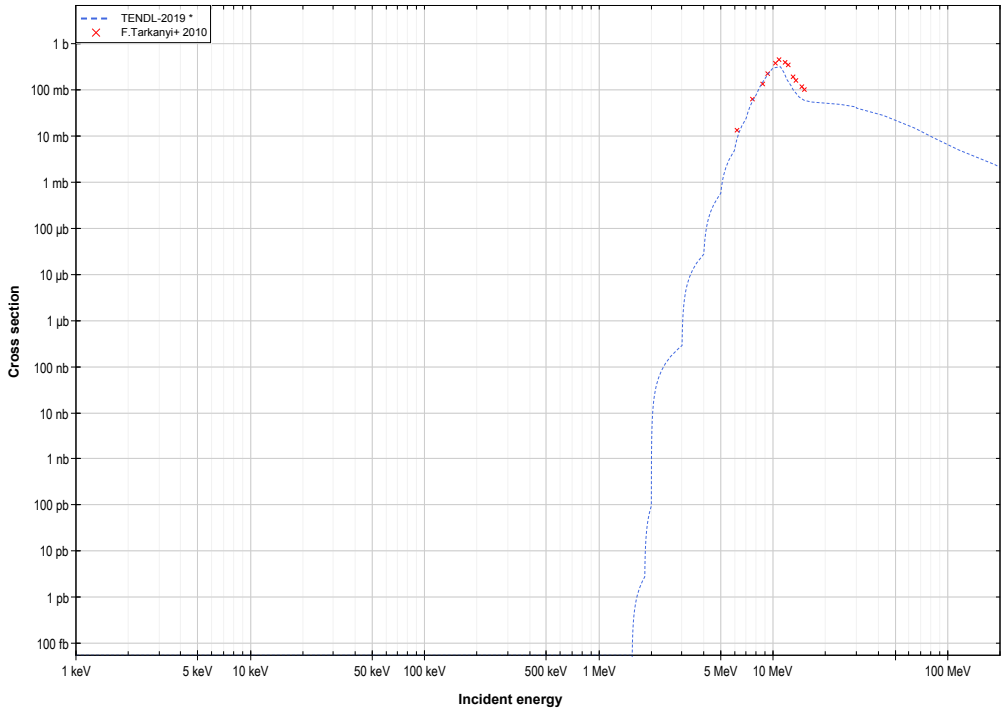
Er166 (p,2n) or Tm165 production lin-log



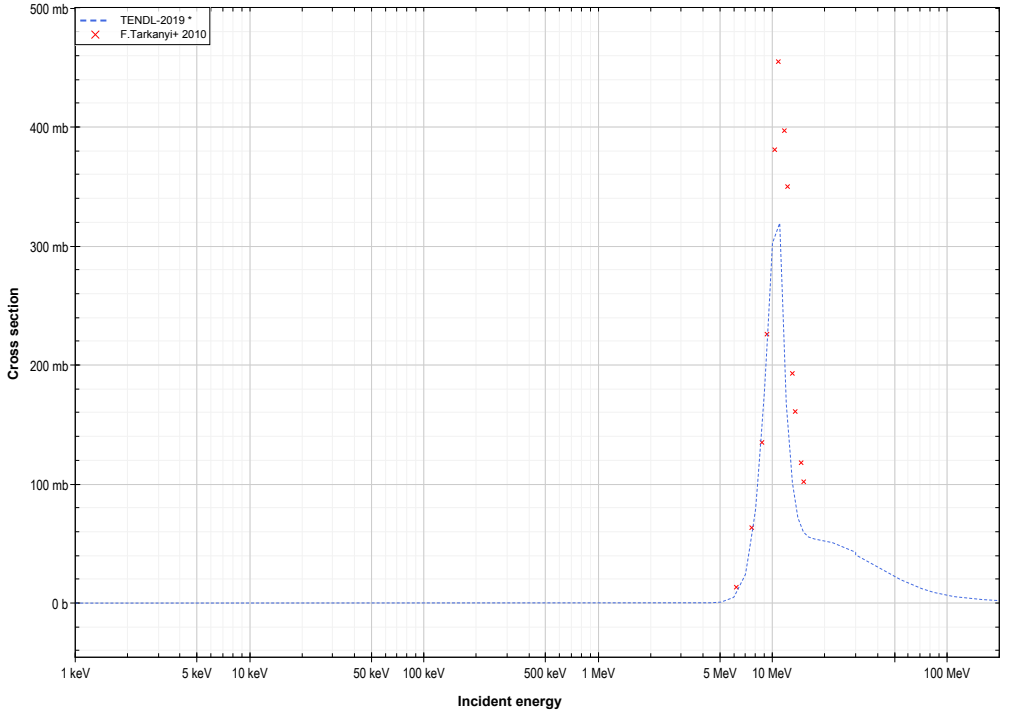
Reaction	Q-Value
Er166(p,2n)Tm165	-10850.06 keV

<< 67-Ho-165	**68-Er-167**	68-Er-168 >>
<< 68-Er-166 MT16 (p,2n)	**MT4 (p,n) or MT5 (Tm167 production)**	MT16 (p,2n) >>

Er167 (p,n) or Tm167 production log-log



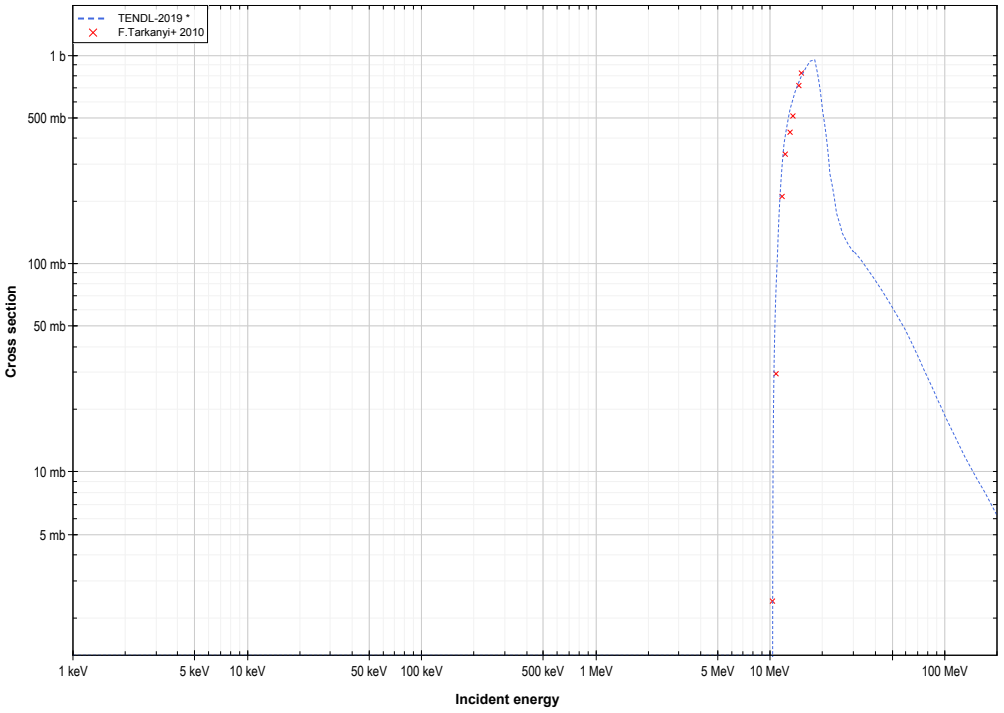
Er167 (p,n) or Tm167 production lin-log



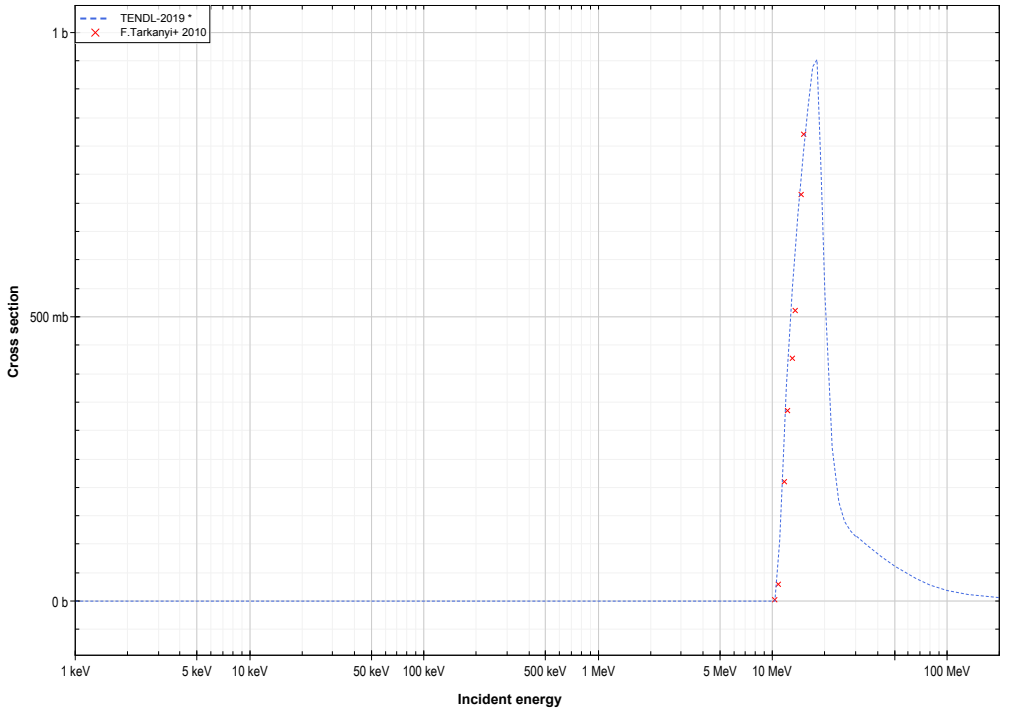
Reaction	Q-Value
Er167(p,n)Tm167	-1529.95 keV

<< 68-Er-166	**68-Er-167**	73-Ta-181 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Tm166 production)**	68-Er-168 MT4 (p,n) >>

Er167 (p,2n) or Tm166 production log-log



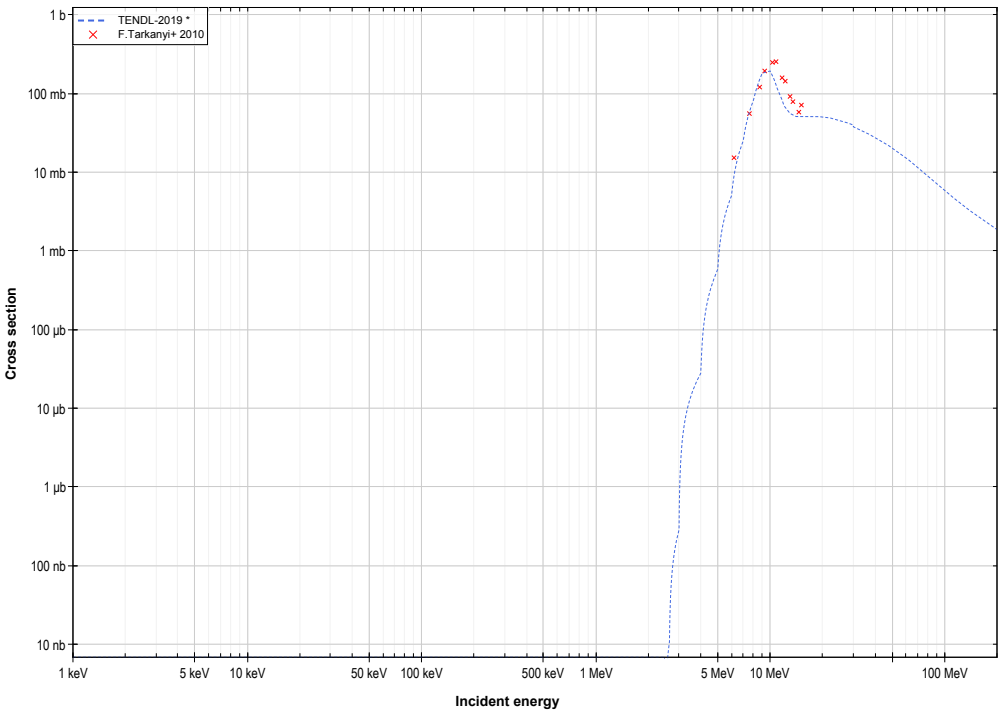
Er167 (p,2n) or Tm166 production lin-log



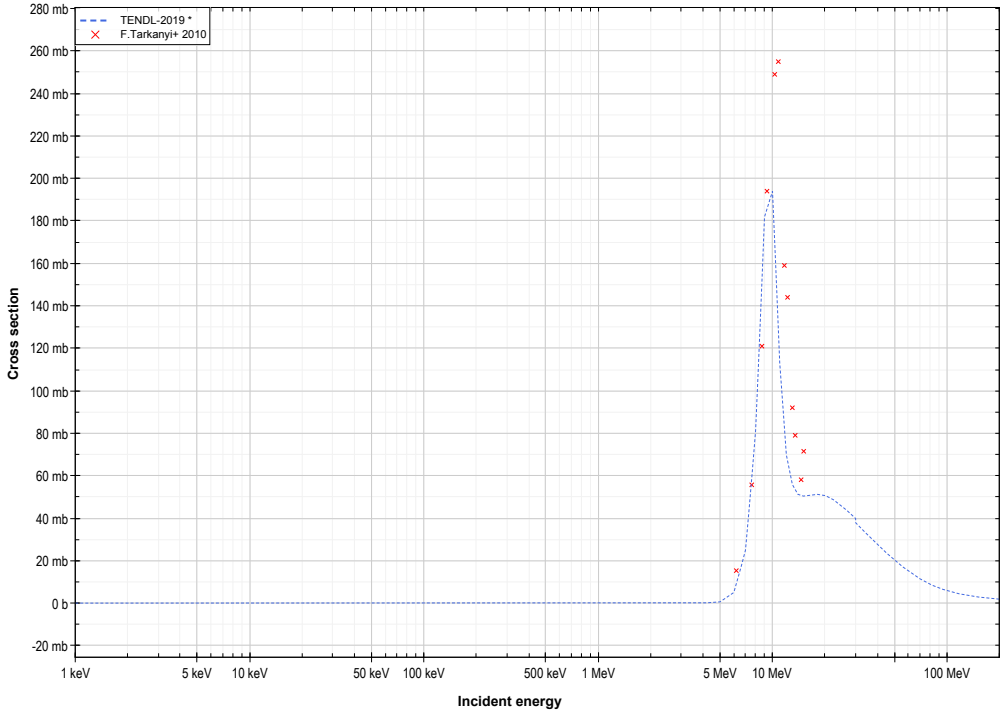
Reaction	Q-Value
Er167(p,2n)Tm166	-10256.86 keV

<< 68-Er-167	**68-Er-168**	68-Er-170 >>
<< 68-Er-167 MT16 (p,2n)	**MT4 (p,n) or MT5 (Tm168 production)**	68-Er-170 MT4 (p,n) >>

Er168 (p,n) or Tm168 production log-log



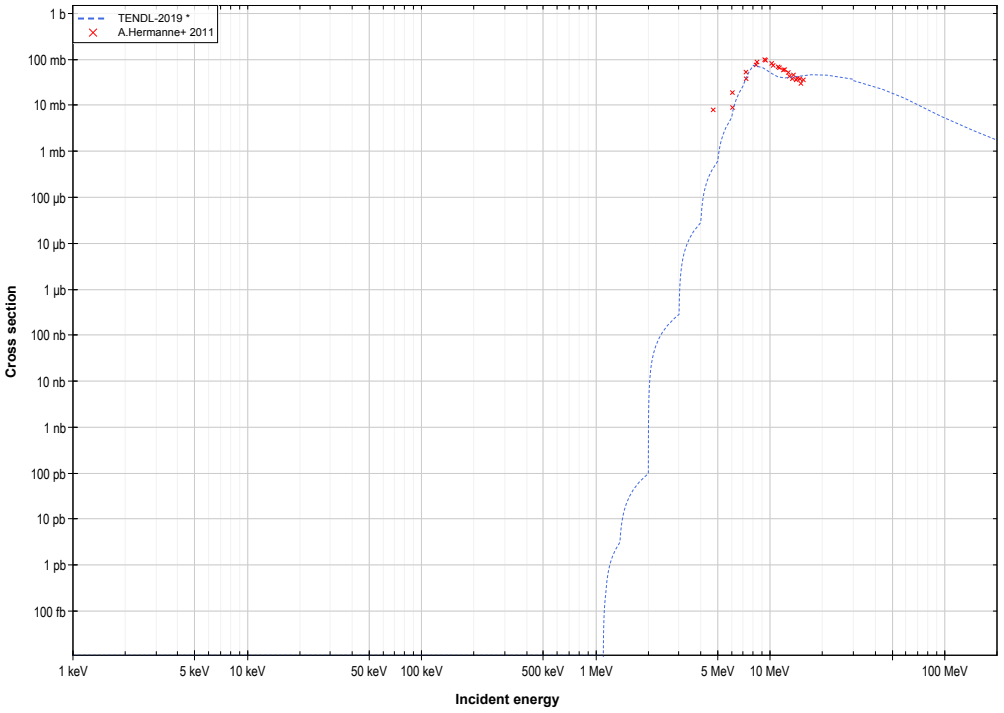
Er168 (p,n) or Tm168 production lin-log



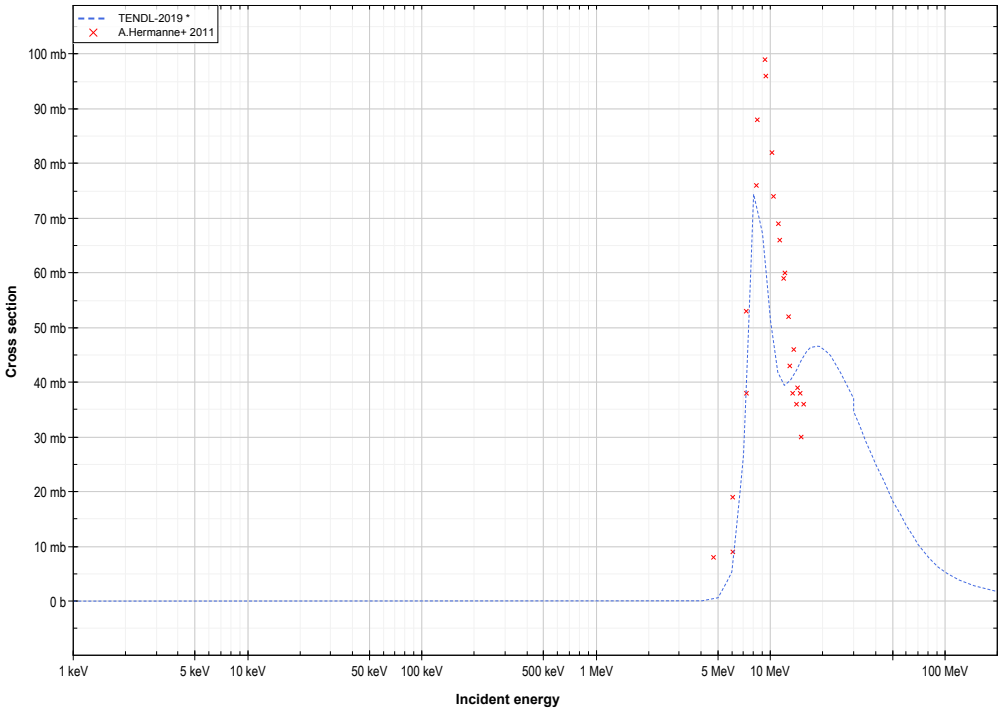
Reaction	Q-Value
Er168(p,n)Tm168	-2460.65 keV

<< 68-Er-168	**68-Er-170**	69-Tm-169 >>
<< 68-Er-168 MT4 (p,n)	**MT4 (p,n) or MT5 (Tm170 production)**	69-Tm-169 MT4 (p,n) >>

Er170 (p,n) or Tm170 production log-log



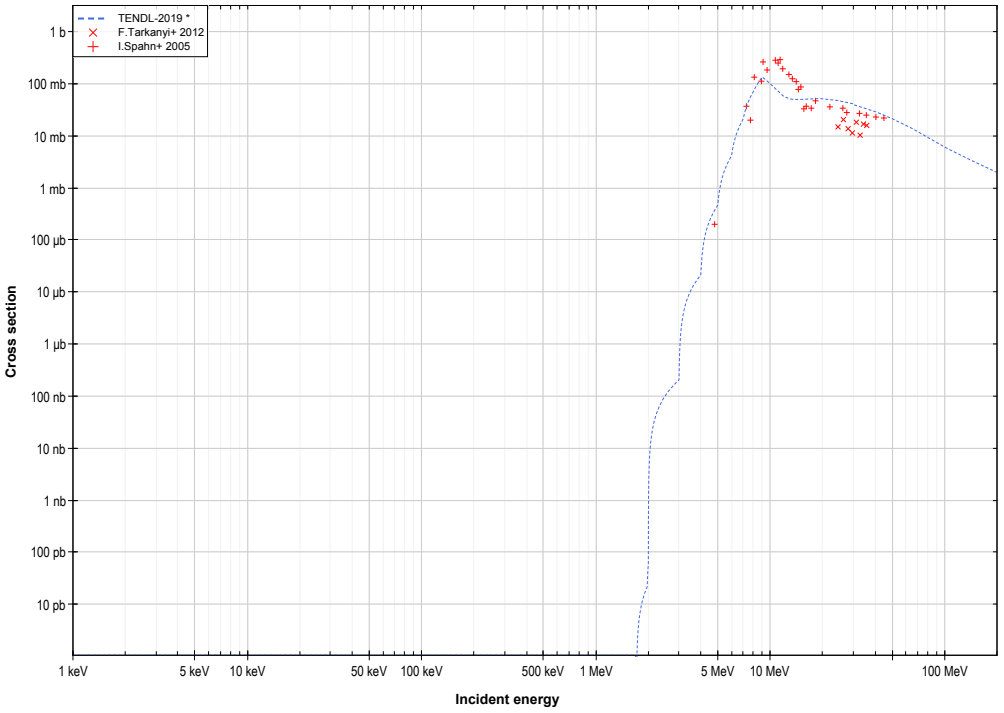
Er170 (p,n) or Tm170 production lin-log



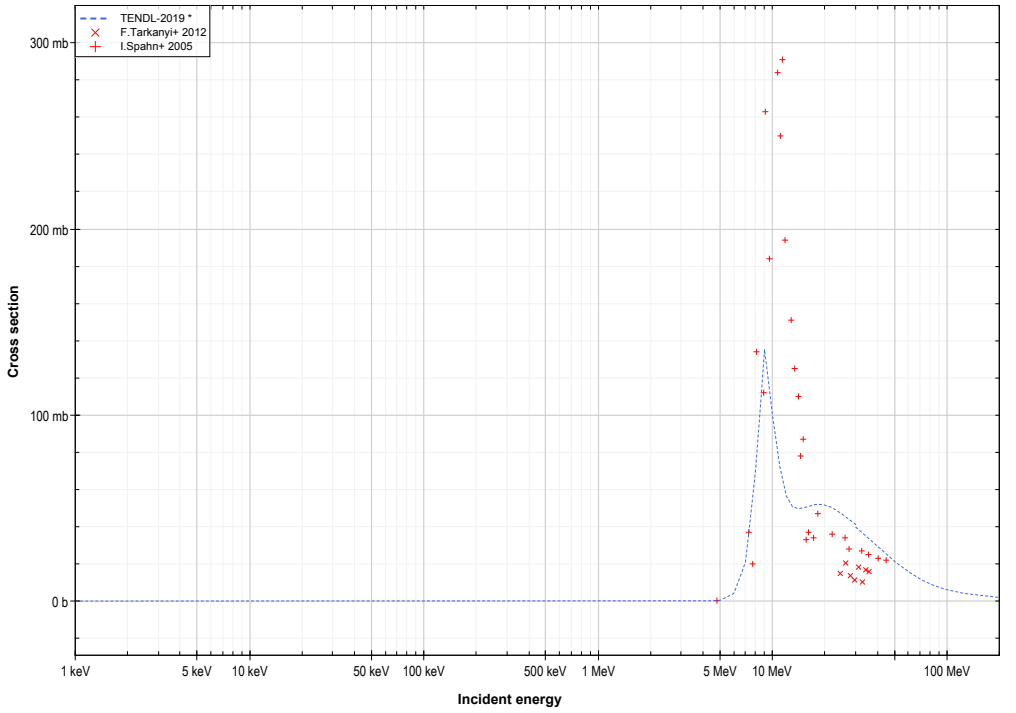
Reaction	Q-Value
Er170(p,n)Tm170	-1095.15 keV

<< 68-Er-170	**69-Tm-169**	72-Hf-178 >>
<< 68-Er-170 MT4 (p,n)	**MT4 (p,n) or MT5 (Yb169 production)**	MT17 (p,3n) >>

Tm169 (p,n) or Yb169 production log-log



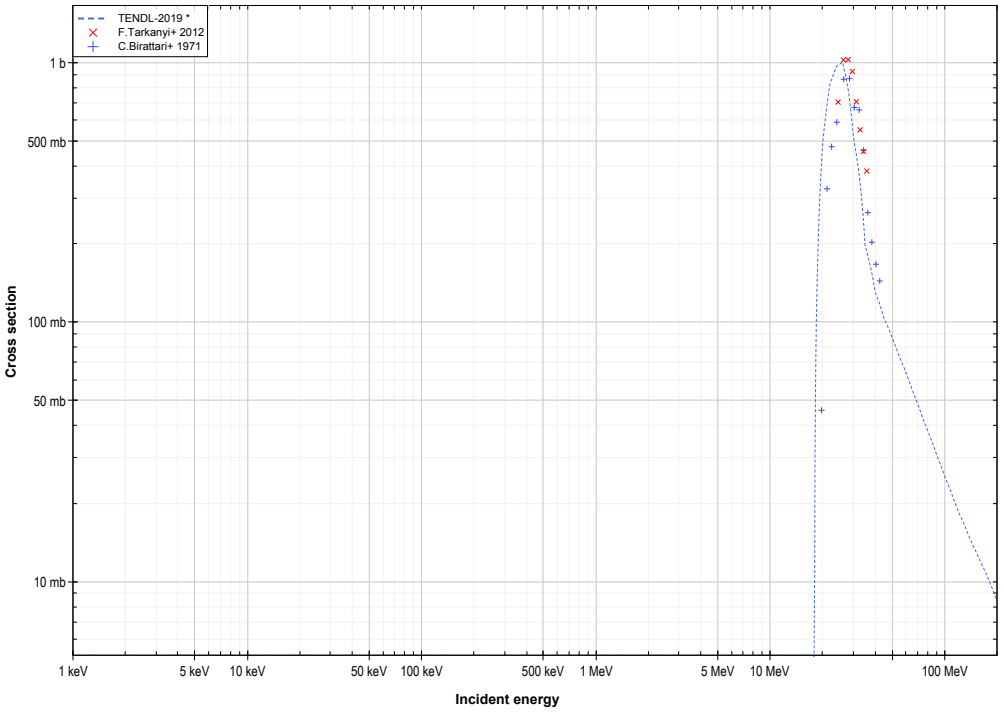
Tm169 (p,n) or Yb169 production lin-log



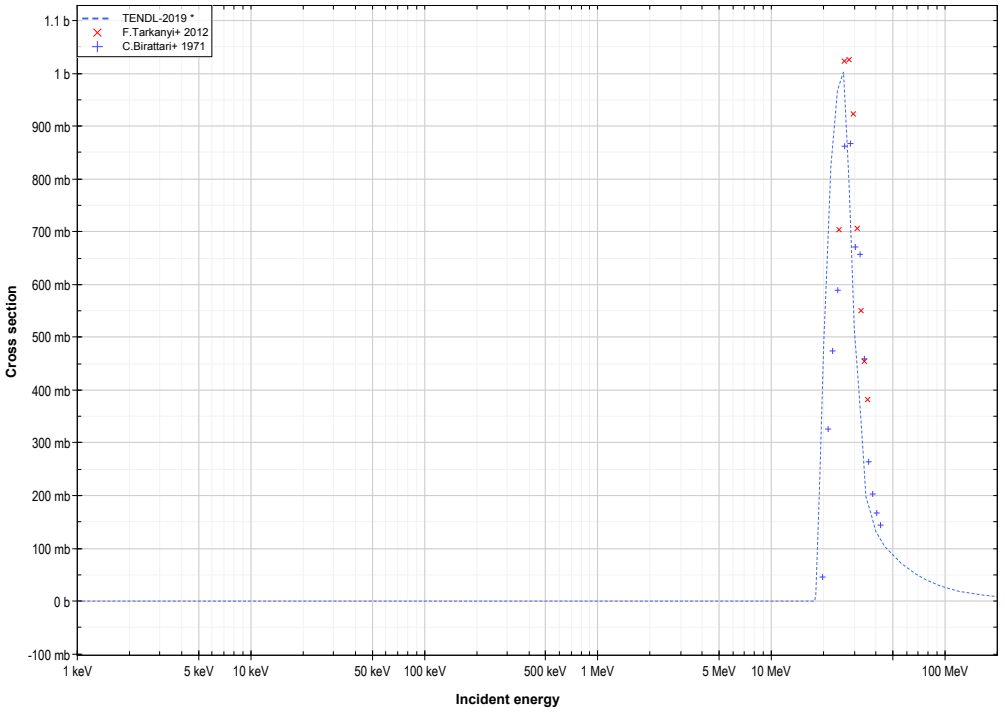
Reaction	Q-Value
Tm169(p,n)Yb169	-1679.95 keV

<< 66-Dy-163	**69-Tm-169**	76-Os-192 >>
<< MT4 (p,n)	**MT17 (p,3n) or MT5 (Yb167 production)**	MT28 (p,n+p) >>

Tm169 (p,3n) or Yb167 production log-log



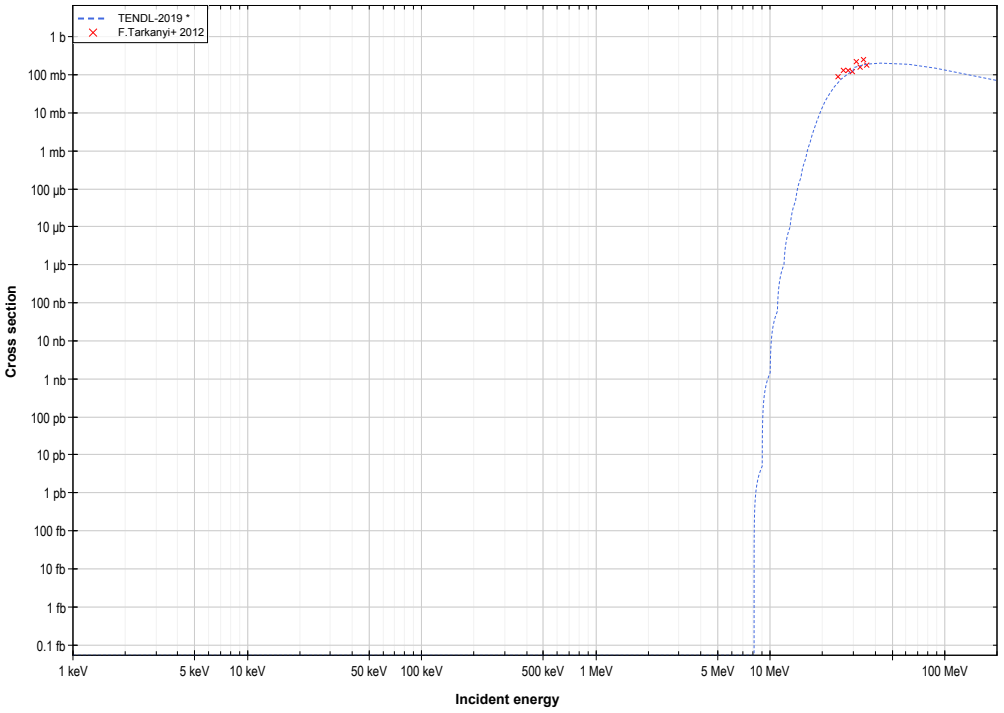
Tm169 (p,3n) or Yb167 production lin-log



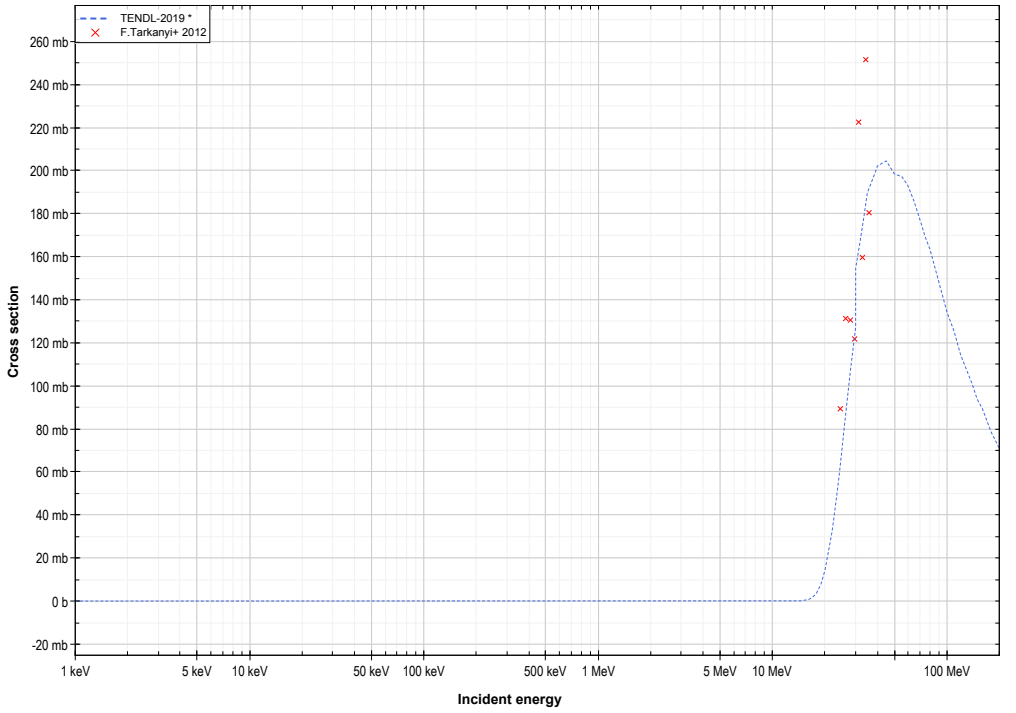
Reaction	Q-Value
Tm169(p,3n)Yb167	-17609.18 keV

<< 65-Tb-159	**69-Tm-169**	73-Ta-181 >>
<< MT17 (p,3n)	**MT28 (p,n+p) or MT5 (Tm168 production)**	MT37 (p,4n) >>

Tm169 (p,n+p) or Tm168 production log-log



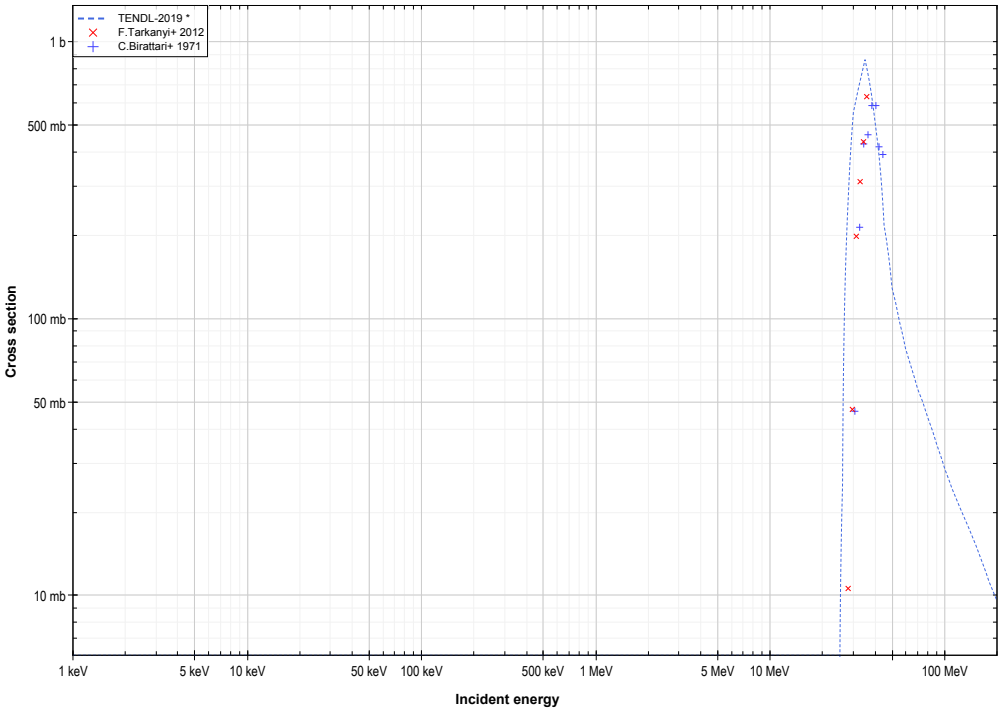
Tm169 (p,n+p) or Tm168 production lin-log



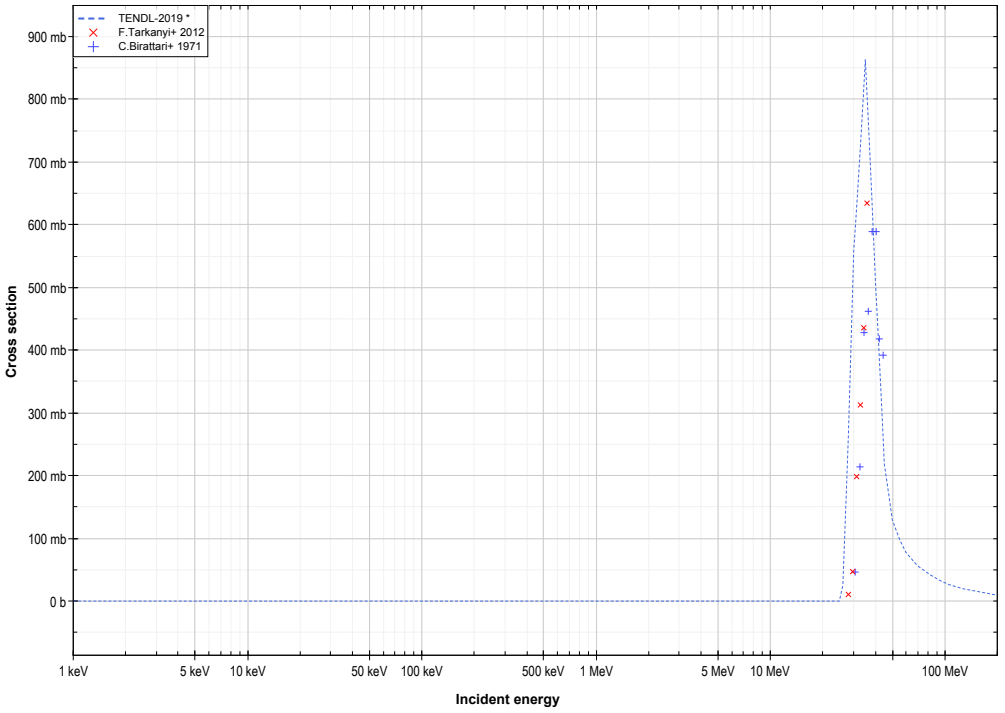
Reaction	Q-Value
Tm169(p,d)Tm168	-5809.05 keV
Tm169(p,n+p)Tm168	-8033.62 keV

<< 66-Dy-163	**69-Tm-169**	73-Ta-181 >>
<< MT28 (p,n+p)	**MT37 (p,4n) or MT5 (Yb166 production)**	MT104 (p,d) >>

Tm169 (p,4n) or Yb166 production log-log



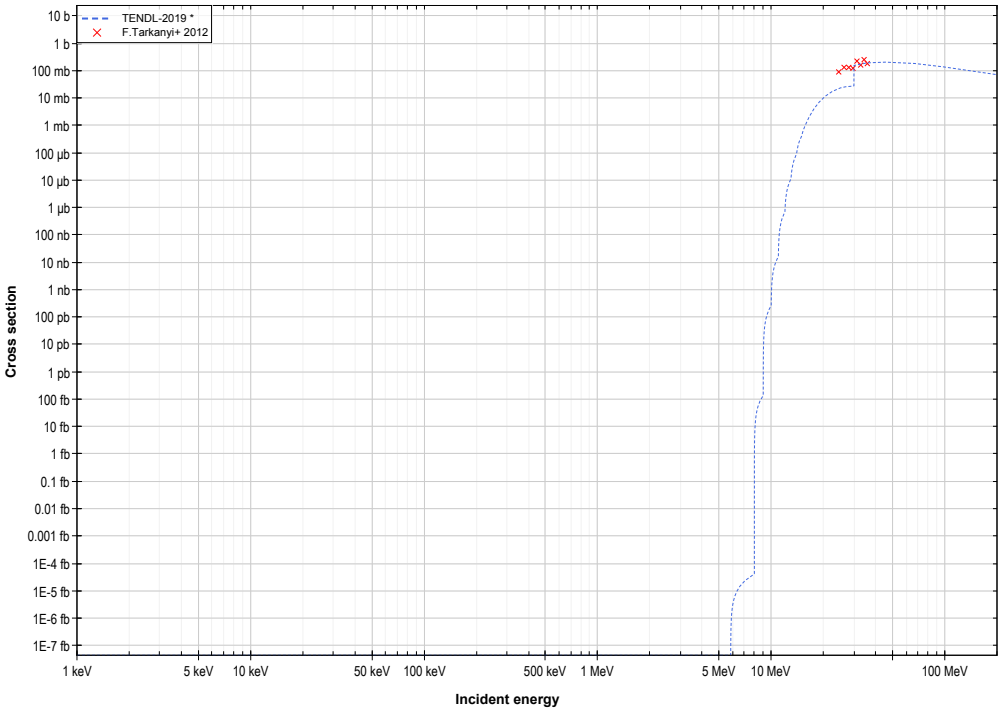
Tm169 (p,4n) or Yb166 production lin-log



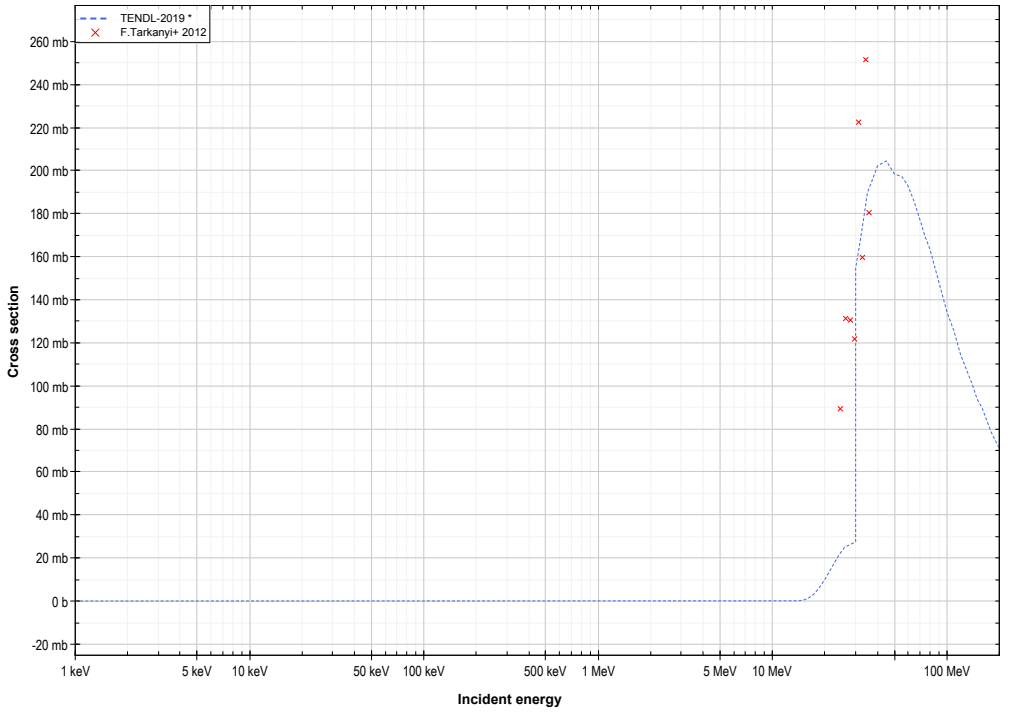
Reaction	Q-Value
Tm169(p,4n)Yb166	-24675.50 keV

<< 65-Tb-159	**69-Tm-169**	73-Ta-181 >>
<< MT37 (p,4n)	**MT104 (p,d) or MT5 (Tm168 production)**	70-Yb-171 MT107 (p,α) >>

Tm169 (p,d) or Tm168 production log-log



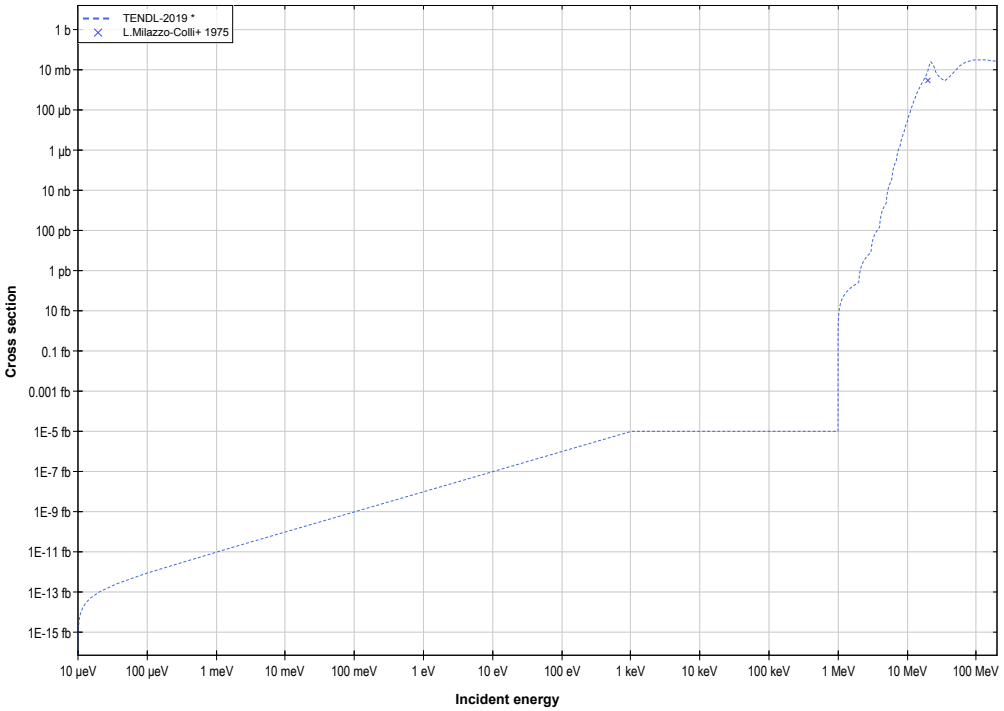
Tm169 (p,d) or Tm168 production lin-log



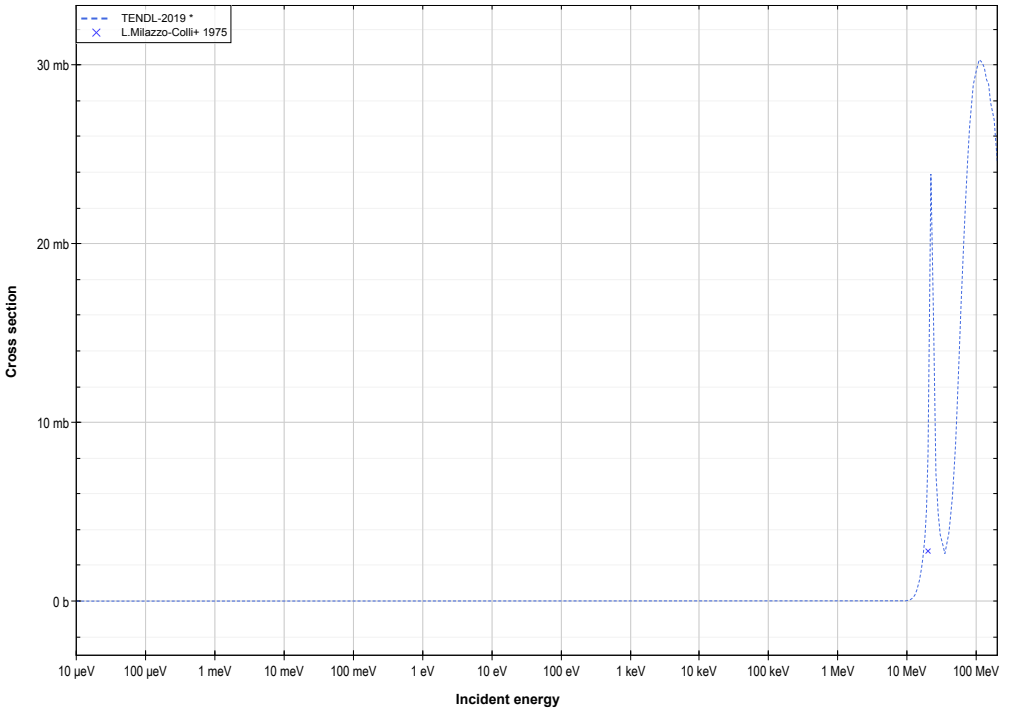
Reaction	Q-Value
Tm169(p,d)Tm168	-5809.05 keV
Tm169(p,n+p)Tm168	-8033.62 keV

<< 64-Gd-156	**70-Yb-171**	70-Yb-176 >>
<< 69-Tm-169 MT104 (p,d)	**MT107 (p,α) or MT5 (Tm168 production)**	70-Yb-176 MT107 (p,α) >>

Yb171 (p,α) or Tm168 production log-log



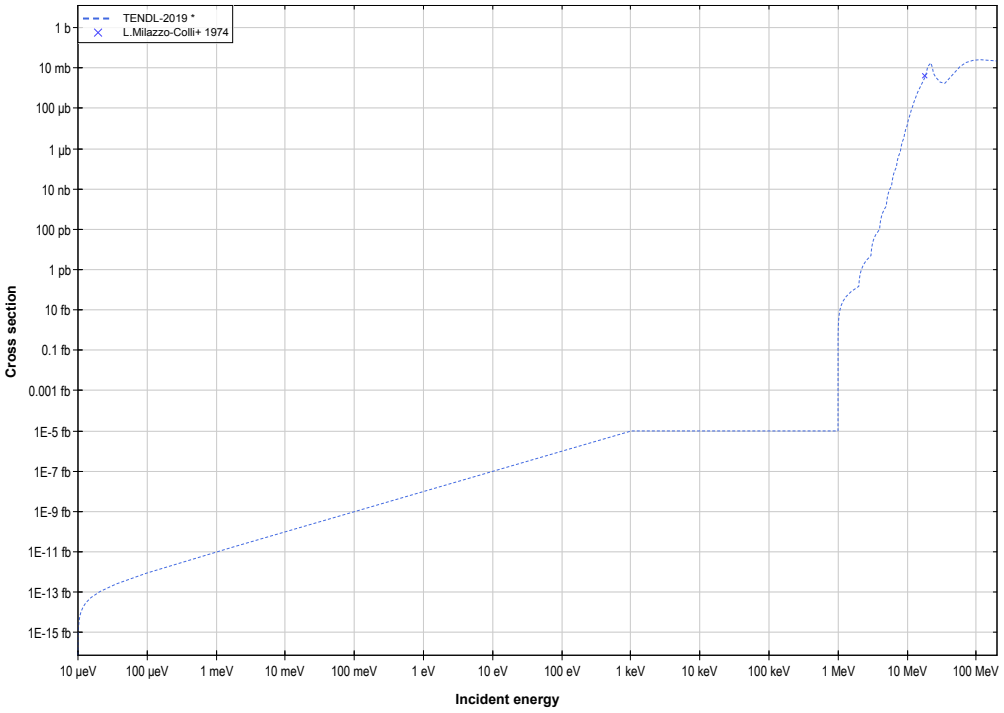
Yb171 (p,α) or Tm168 production lin-log



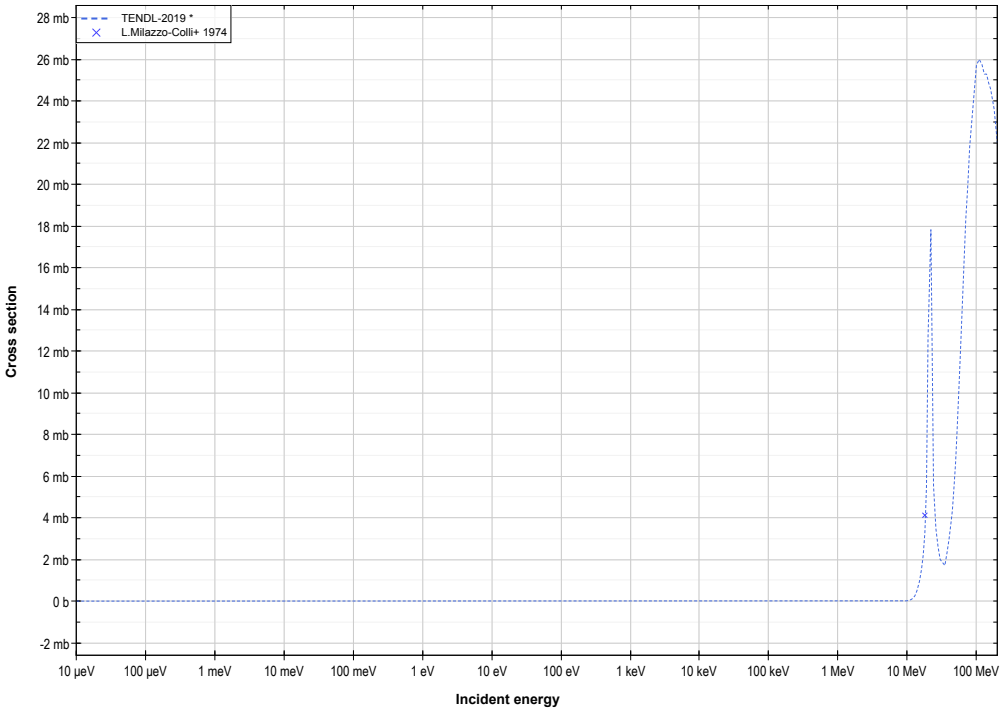
Reaction	Q-Value
Yb171(p,α)Tm168	6870.15 keV
Yb171(p,p+t)Tm168	-12943.72 keV
Yb171(p,n+He3)Tm168	-13707.47 keV
Yb171(p,2d)Tm168	-16976.38 keV
Yb171(p,n+p+d)Tm168	-19200.95 keV
Yb171(p,2n+2p)Tm168	-21425.51 keV

<< 70-Yb-171	**70-Yb-176**	79-Au-197 >>
<< 70-Yb-171 MT107 (p,α)	**MT107 (p,α) or MT5 (Tm173 production)**	72-Hf-178 MT4 (p,n) >>

Yb176 (p,α) or Tm173 production log-log



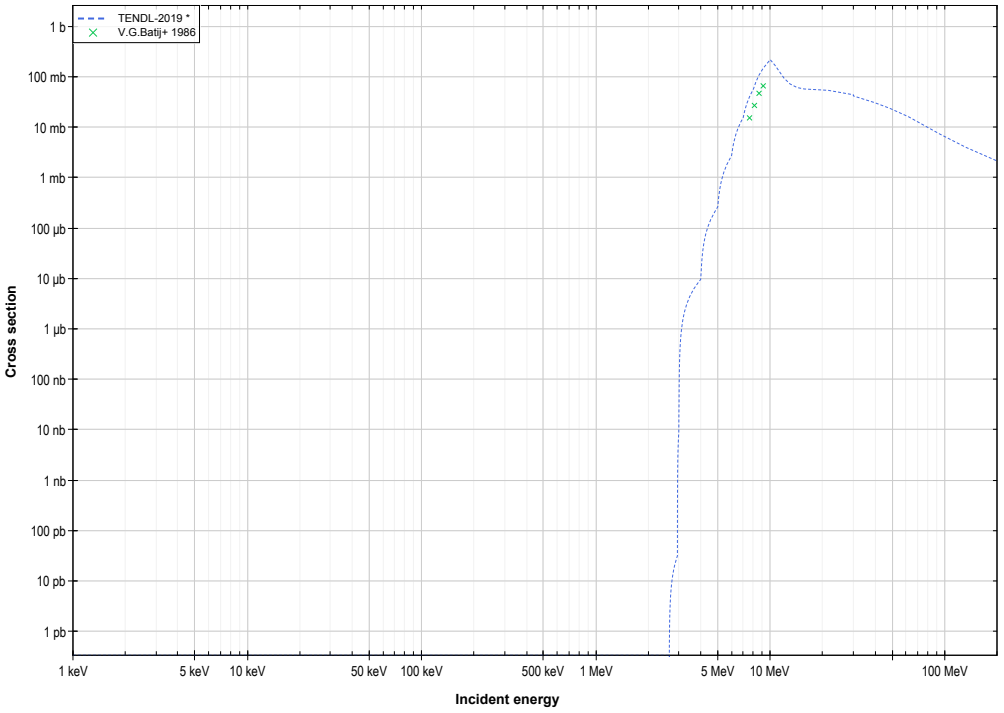
Yb176 (p,α) or Tm173 production lin-log



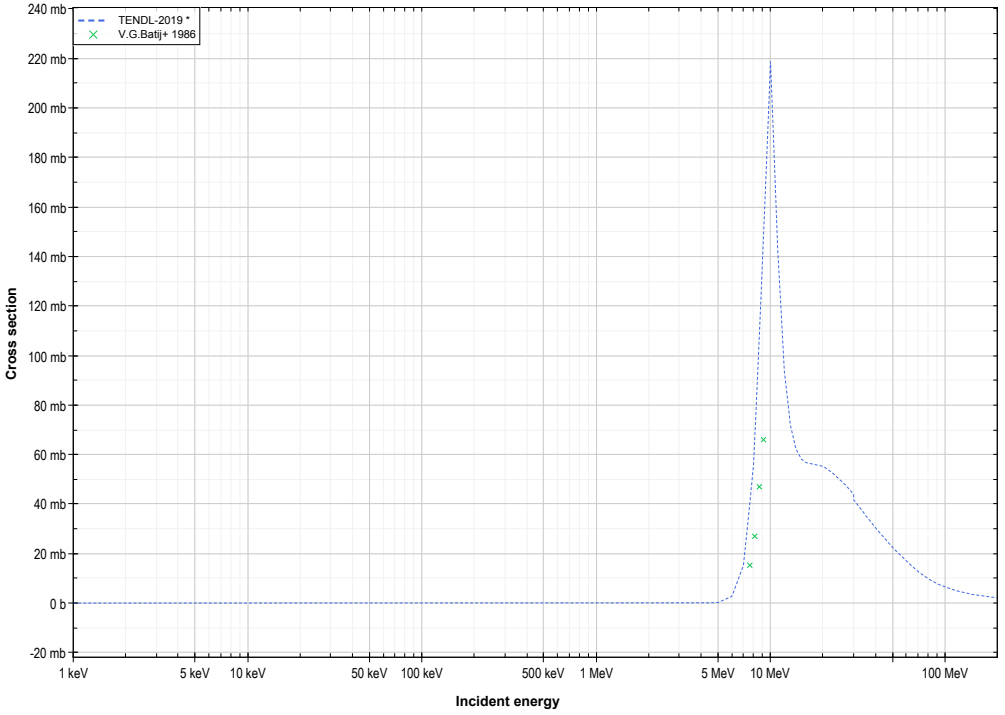
Reaction	Q-Value
Yb176(p,α)Tm173	7628.74 keV
Yb176(p,p+t)Tm173	-12185.12 keV
Yb176(p,n+He3)Tm173	-12948.88 keV
Yb176(p,2d)Tm173	-16217.79 keV
Yb176(p,n+p+d)Tm173	-18442.35 keV
Yb176(p,2n+2p)Tm173	-20666.92 keV

<< 69-Tm-169	**72-Hf-178**	72-Hf-180 >>
<< 70-Yb-176 MT107 (p,α)	**MT4 (p,n) or MT5 (Ta178 production)**	72-Hf-180 MT4 (p,n) >>

Hf178 (p,n) or Ta178 production log-log



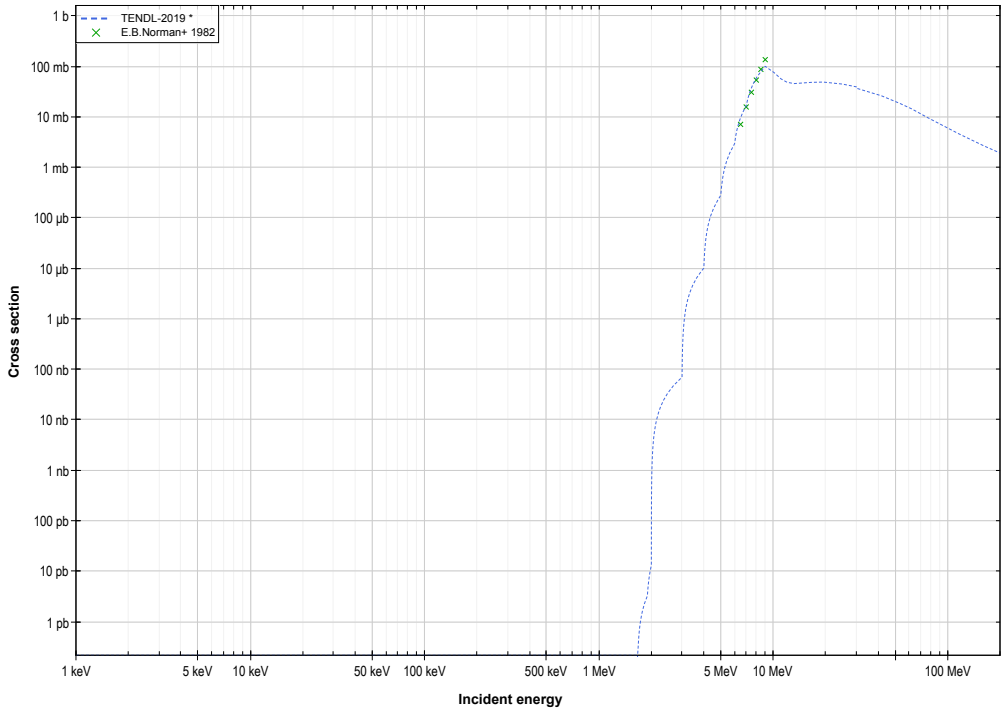
Hf178 (p,n) or Ta178 production lin-log



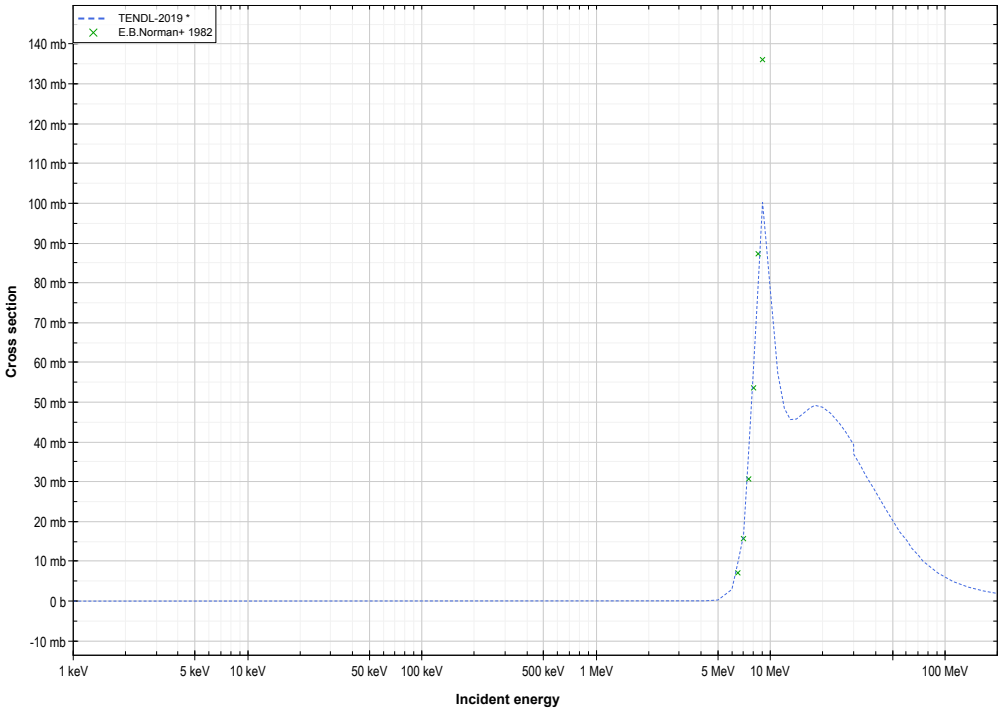
Reaction	Q-Value
Hf178(p,n)Ta178	-2617.55 keV

<< 72-Hf-178	**72-Hf-180**	73-Ta-181 >>
<< 72-Hf-178 MT4 (p,n)	**MT4 (p,n) or MT5 (Ta180 production)**	73-Ta-181 MT4 (p,n) >>

Hf180 (p,n) or Ta180 production log-log



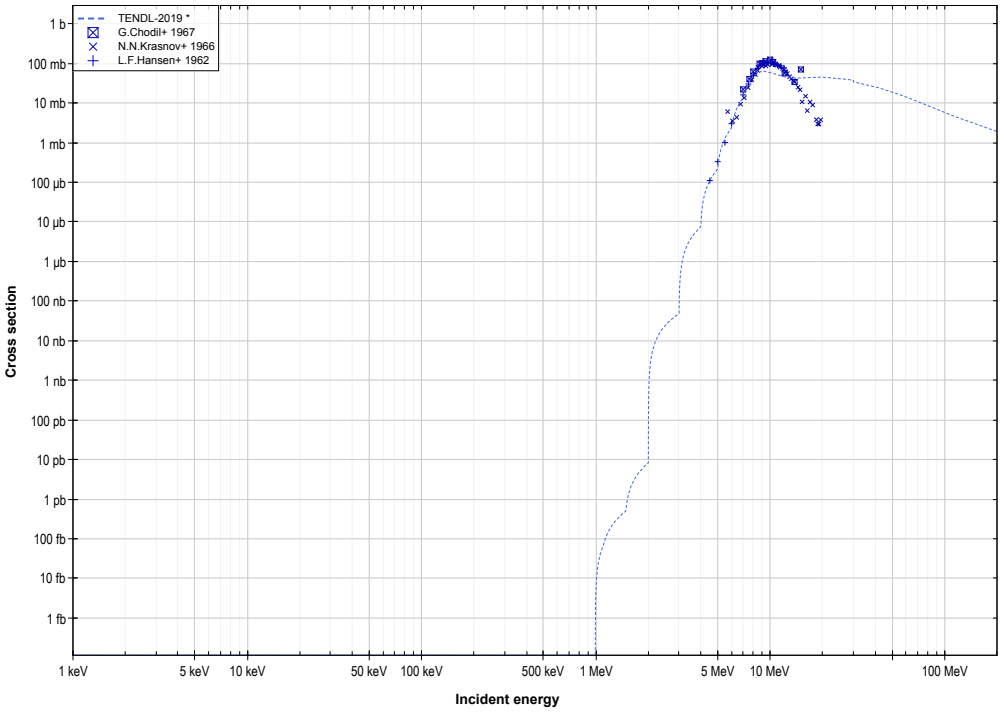
Hf180 (p,n) or Ta180 production lin-log



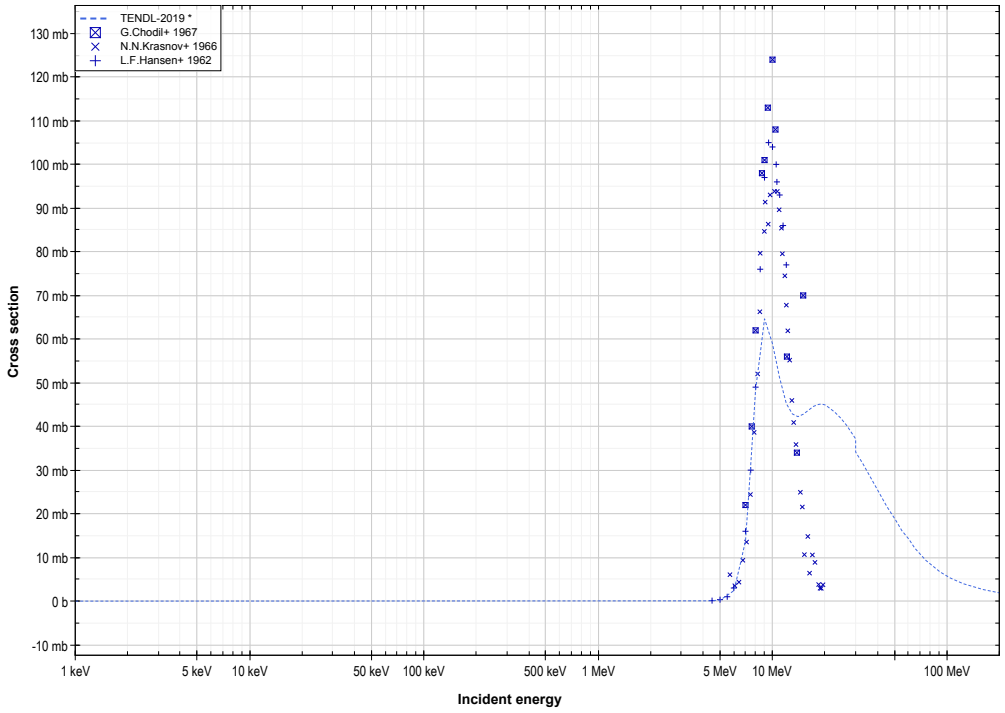
Reaction	Q-Value
Hf180(p,n)Ta180	-1628.75 keV

<< 72-Hf-180	**73-Ta-181**	74-W-186 >>
<< 72-Hf-180 MT4 (p,n)	**MT4 (p,n) or MT5 (W181 production)**	MT16 (p,2n) >>

Ta181 (p,n) or W181 production log-log



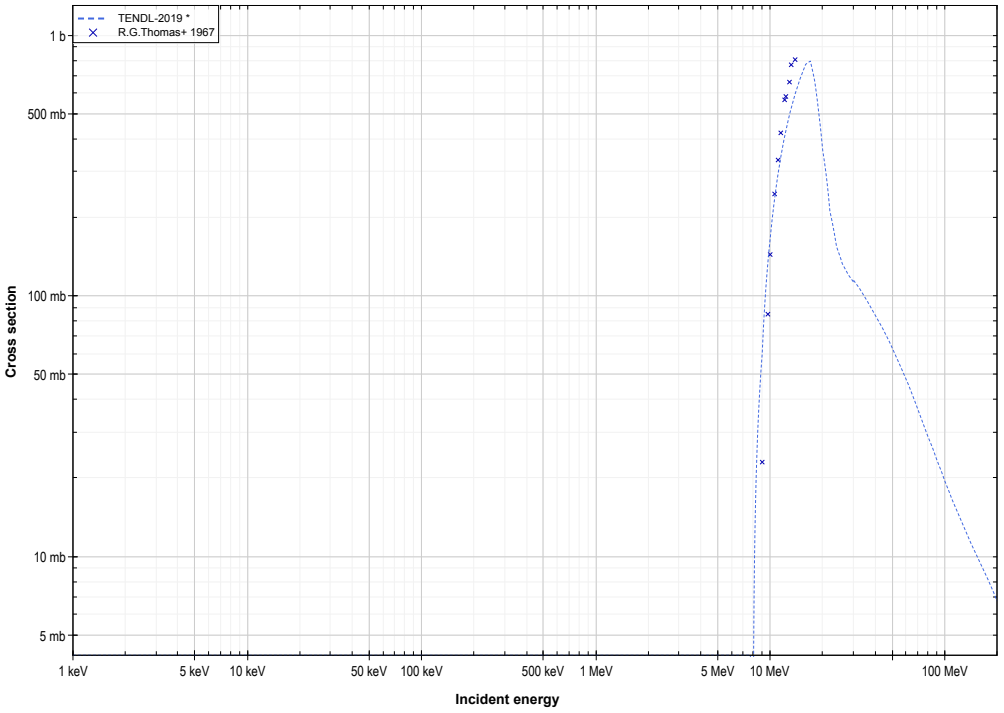
Ta181 (p,n) or W181 production lin-log



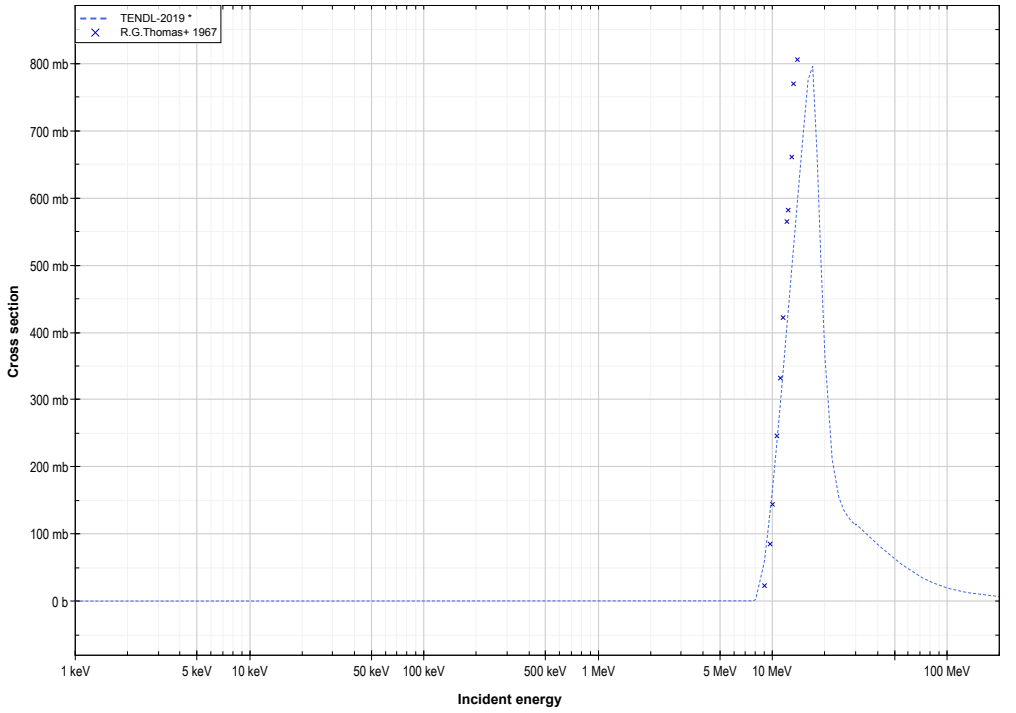
Reaction	Q-Value
Ta181(p,n)W181	-986.85 keV

<< 68-Er-167	**73-Ta-181**	74-W-182 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (W180 production)**	MT18 (p,fission) >>

Ta181 (p,2n) or W180 production log-log



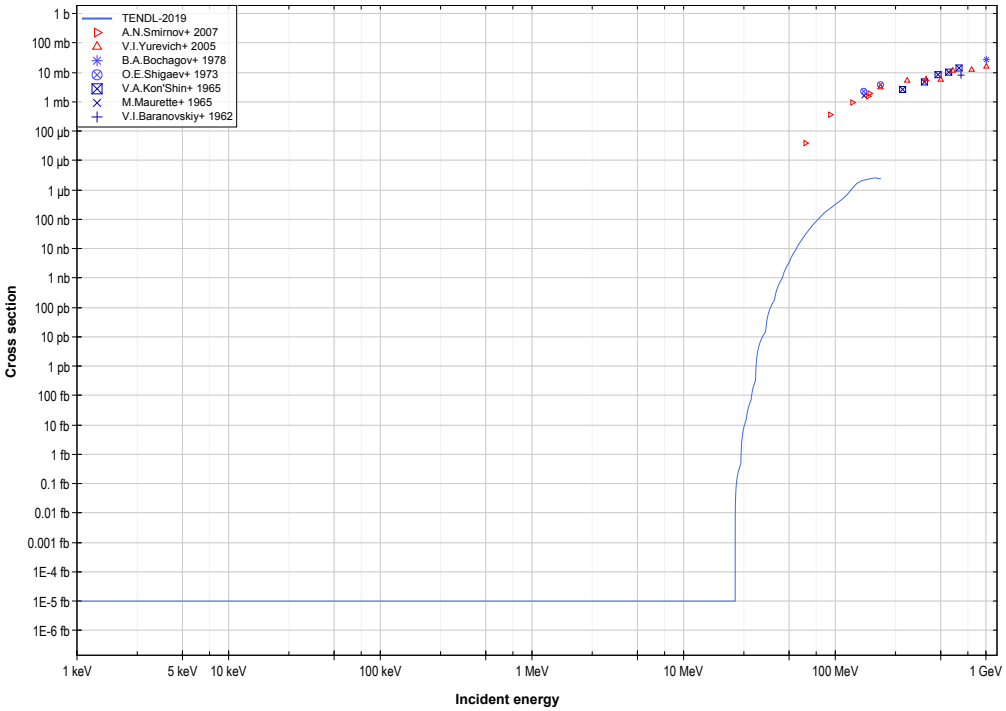
Ta181 (p,2n) or W180 production lin-log



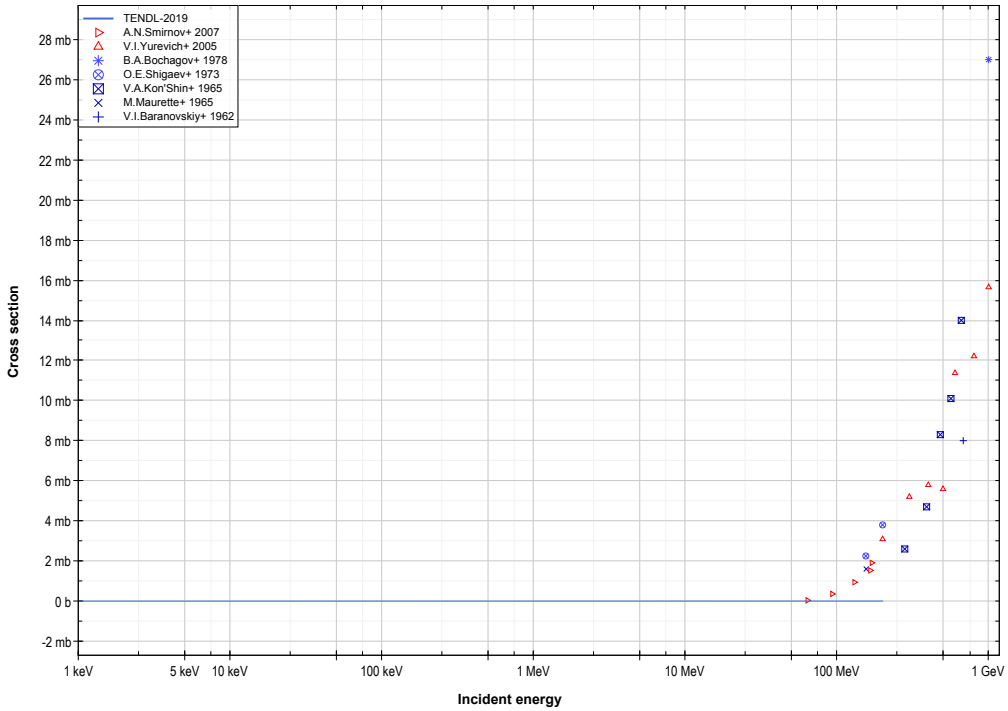
Reaction	Q-Value
Ta181(p,2n)W180	-7655.86 keV

	73-Ta-181	74-W-182 >>
<< MT16 (p,2n)	**MT18 (p,fission)**	MT28 (p,n+p) >>

Ta181 (p,fission) log-log

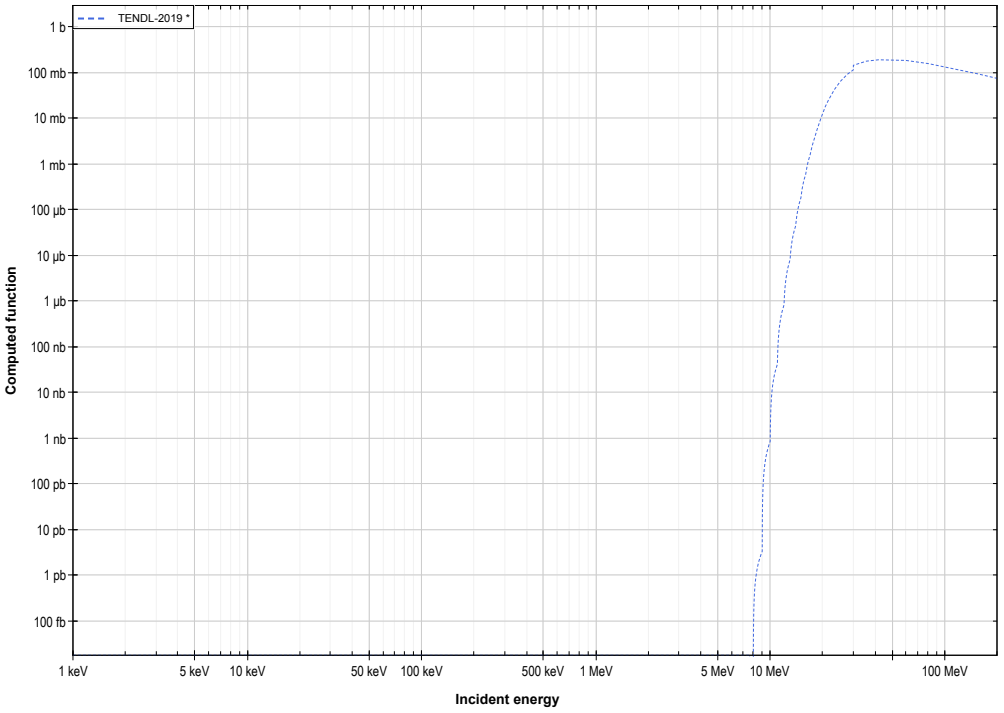


Ta181 (p,fission) lin-log

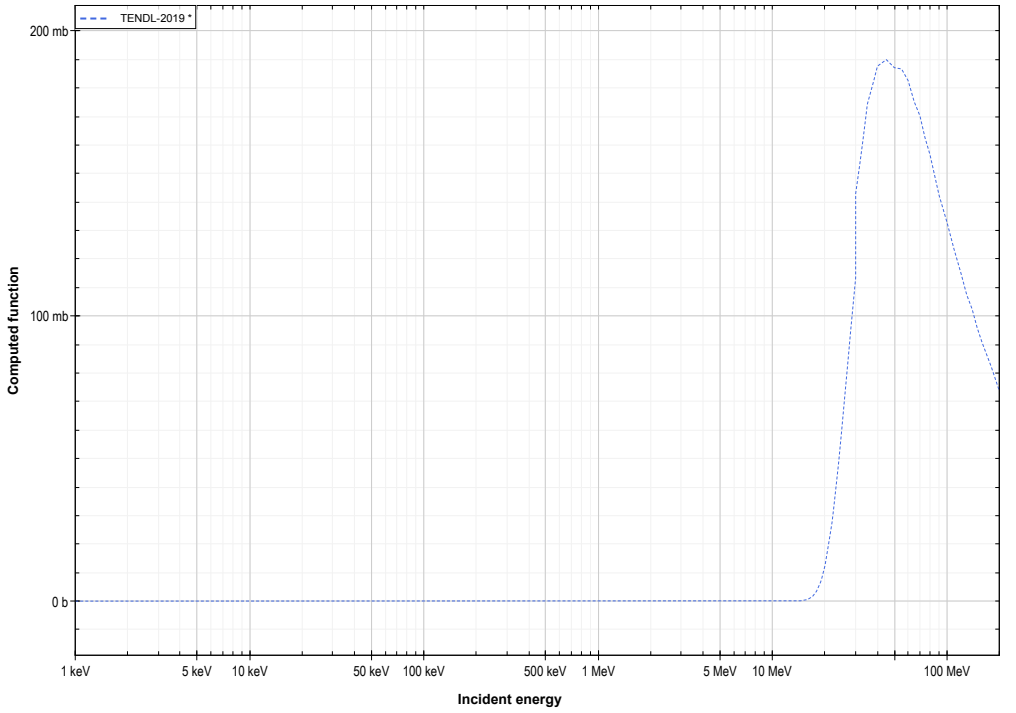


<< 69-Tm-169	**73-Ta-181**	74-W-186 >>
<< MT18 (p,fission)	**MT28 (p,n+p) or MT5 (Ta180 production)**	MT37 (p,4n) >>

Ta181 (p,n+p) or Ta180 production log-log



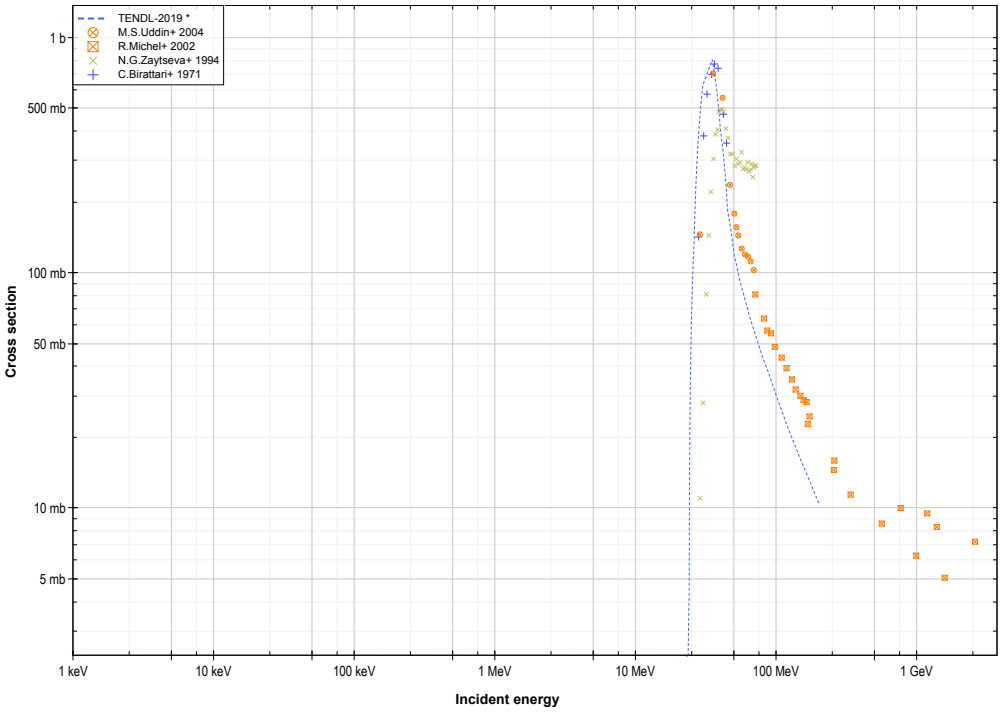
Ta181 (p,n+p) or Ta180 production lin-log



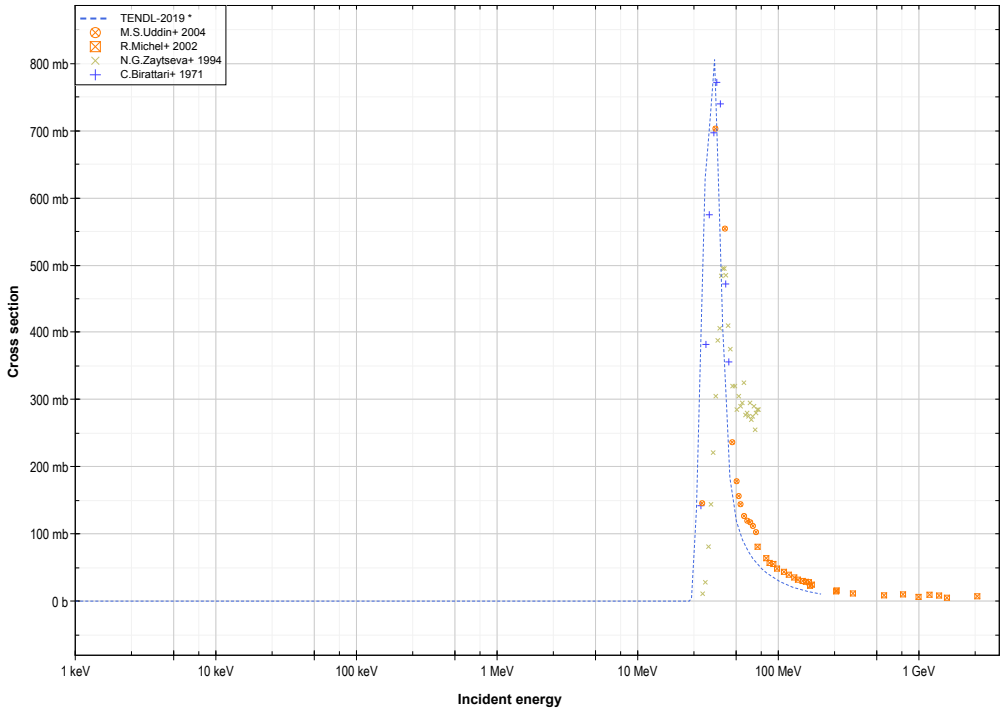
Reaction	Q-Value
Ta181(p,d)Ta180	-5352.15 keV
Ta181(p,n+p)Ta180	-7576.72 keV

<< 69-Tm-169	**73-Ta-181**	76-Os-192 >>
<< MT28 (p,n+p)	**MT37 (p,4n) or MT5 (W178 production)**	MT104 (p,d) >>

Ta181 (p,4n) or W178 production log-log



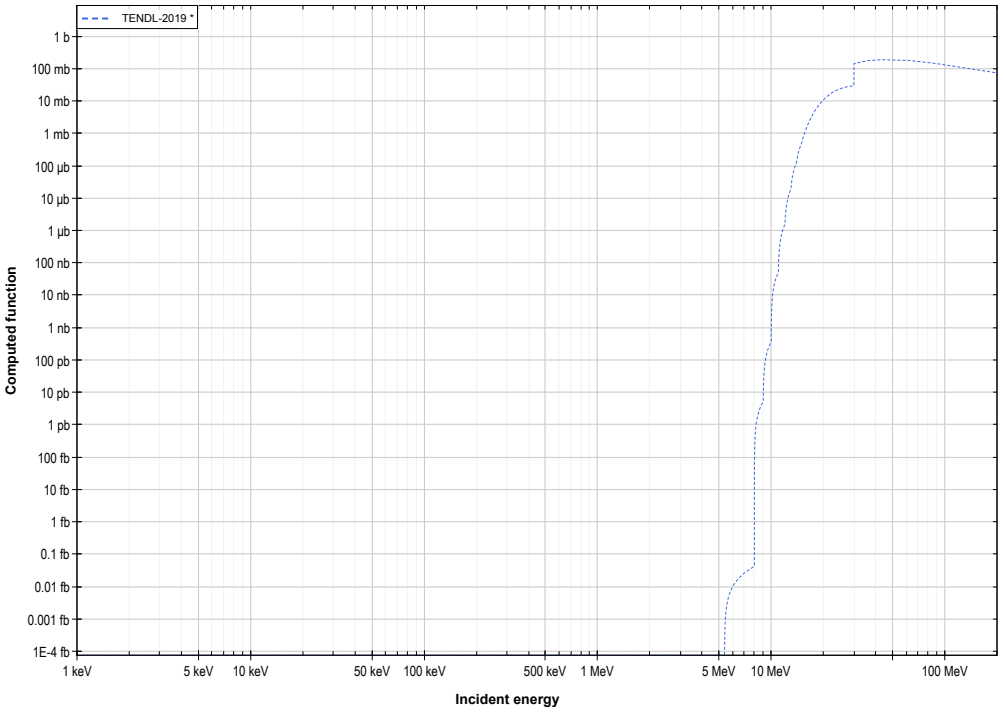
Ta181 (p,4n) or W178 production lin-log



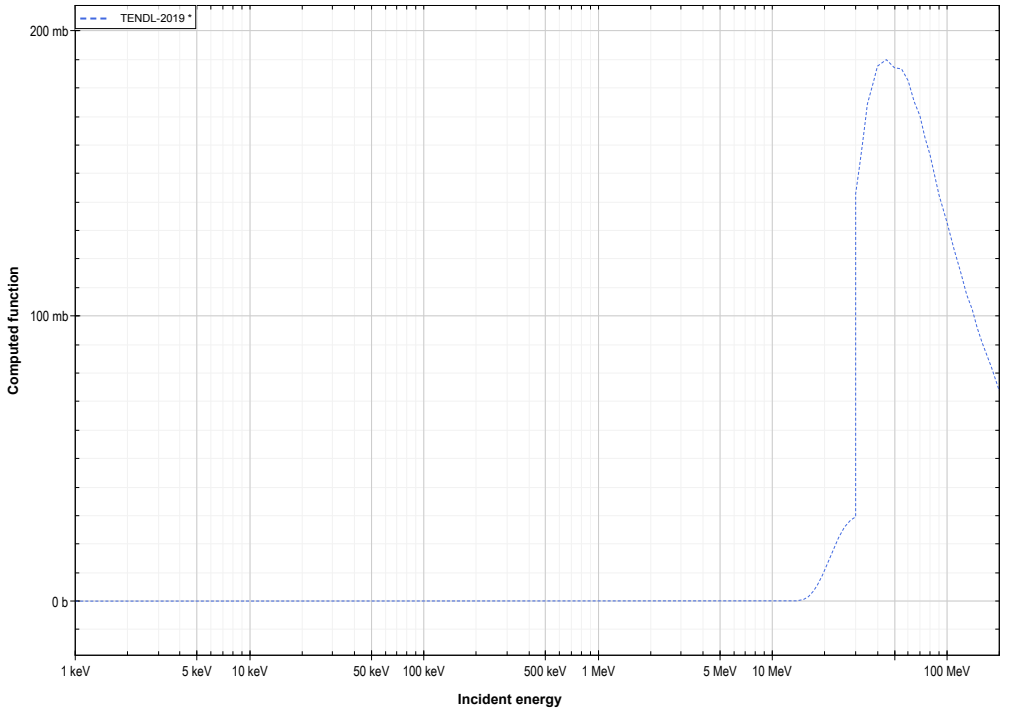
Reaction	Q-Value
Ta181(p,4n)W178	-23027.60 keV

<< 69-Tm-169	**73-Ta-181**	76-Os-192 >>
<< MT37 (p,4n)	**MT104 (p,d) or MT5 (Ta180 production)**	MT112 (p,p+α) >>

Ta181 (p,d) or Ta180 production log-log



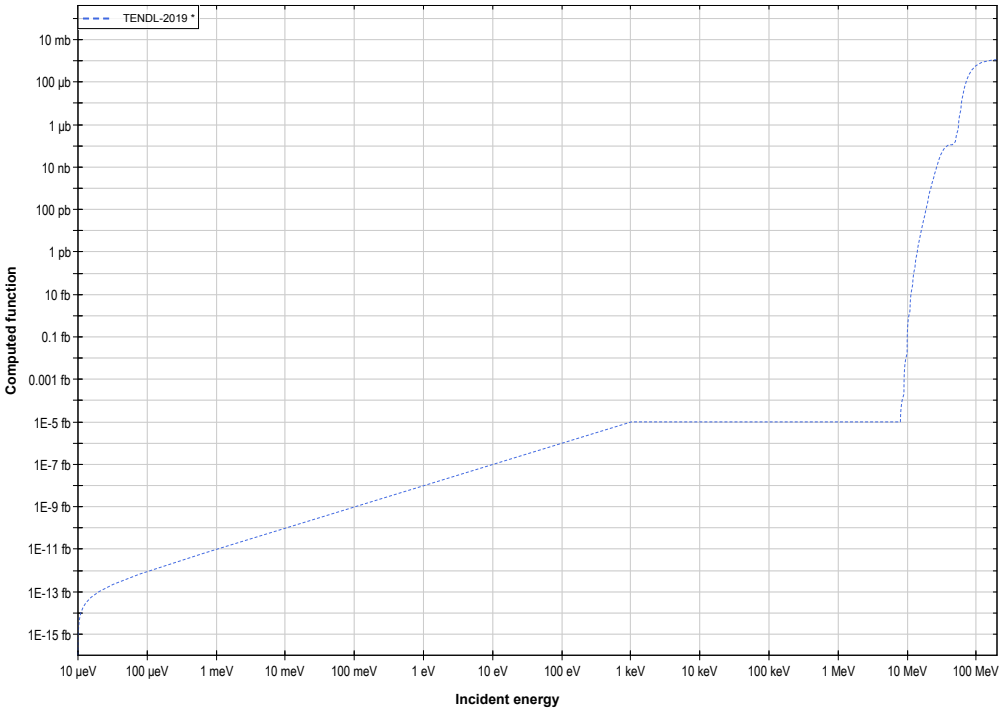
Ta181 (p,d) or Ta180 production lin-log



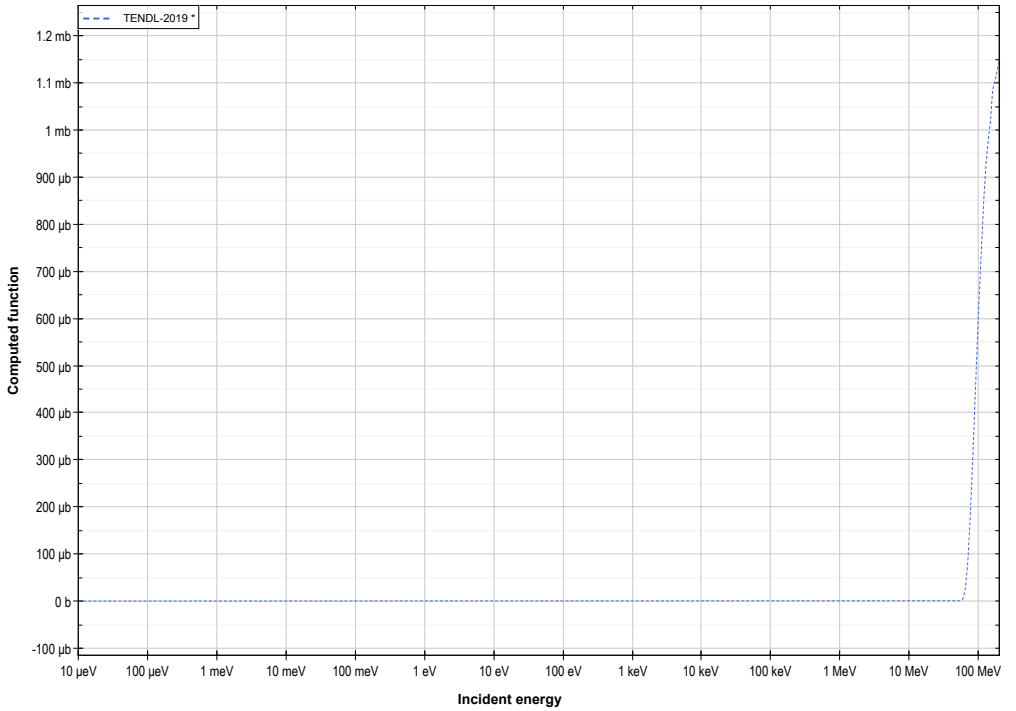
Reaction	Q-Value
Ta181(p,d)Ta180	-5352.15 keV
Ta181(p,n+p)Ta180	-7576.72 keV

<< 23-V-51	**73-Ta-181**	90-Th-232 >>
<< MT104 (p,d)	**MT112 (p,p+α) or MT5 (Lu177 production)**	MT152 (p,5n) >>

Ta181 (p,p+α) or Lu177 production log-log



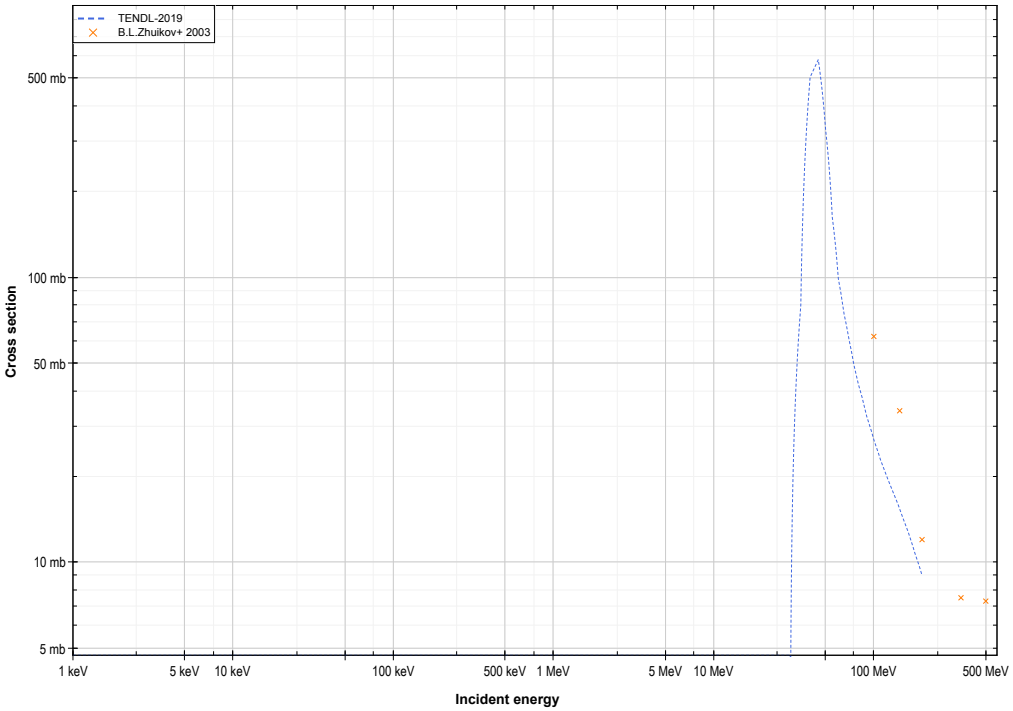
Ta181 (p,p+α) or Lu177 production lin-log



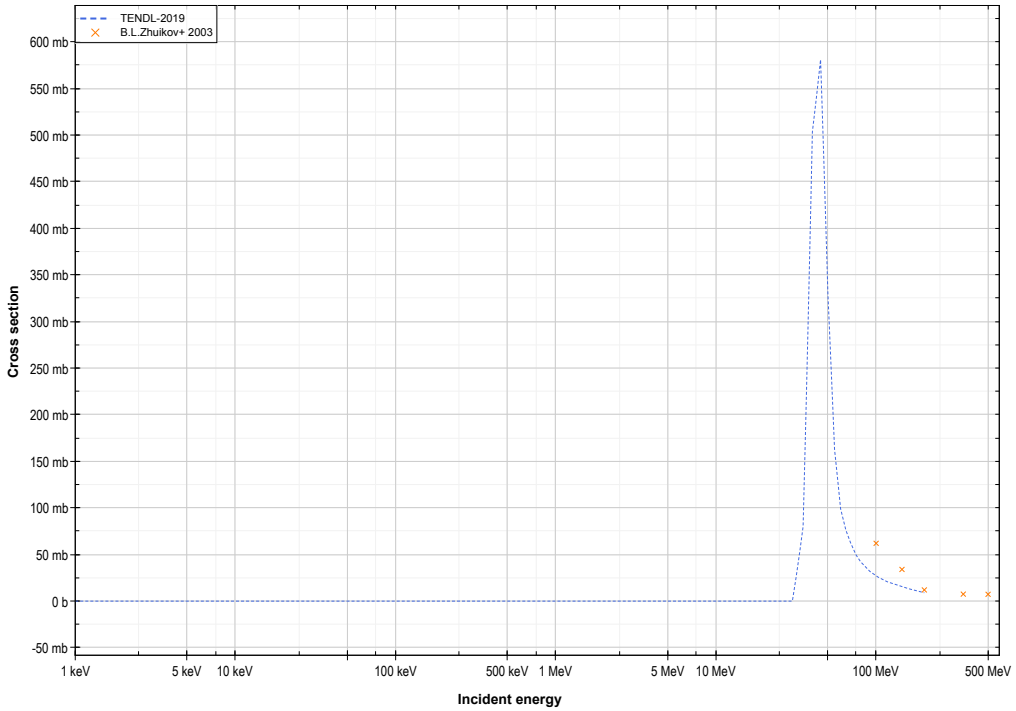
Reaction	Q-Value
Ta181(p,p+α)Lu177	1520.58 keV
Ta181(p,d+He3)Lu177	-16832.47 keV
Ta181(p,2p+t)Lu177	-18293.28 keV
Ta181(p,n+p+He3)Lu177	-19057.04 keV
Ta181(p,p+2d)Lu177	-22325.94 keV
Ta181(p,n+2p+d)Lu177	-24550.51 keV
Ta181(p,2n+3p)Lu177	-26775.08 keV

<< 67-Ho-165	**73-Ta-181**	76-Os-192 >>
<< MT112 (p,p+α)	**MT152 (p,5n) or MT5 (W177 production)**	MT168 (p,7n+α) >>

Ta181 (p,5n) or W177 production log-log



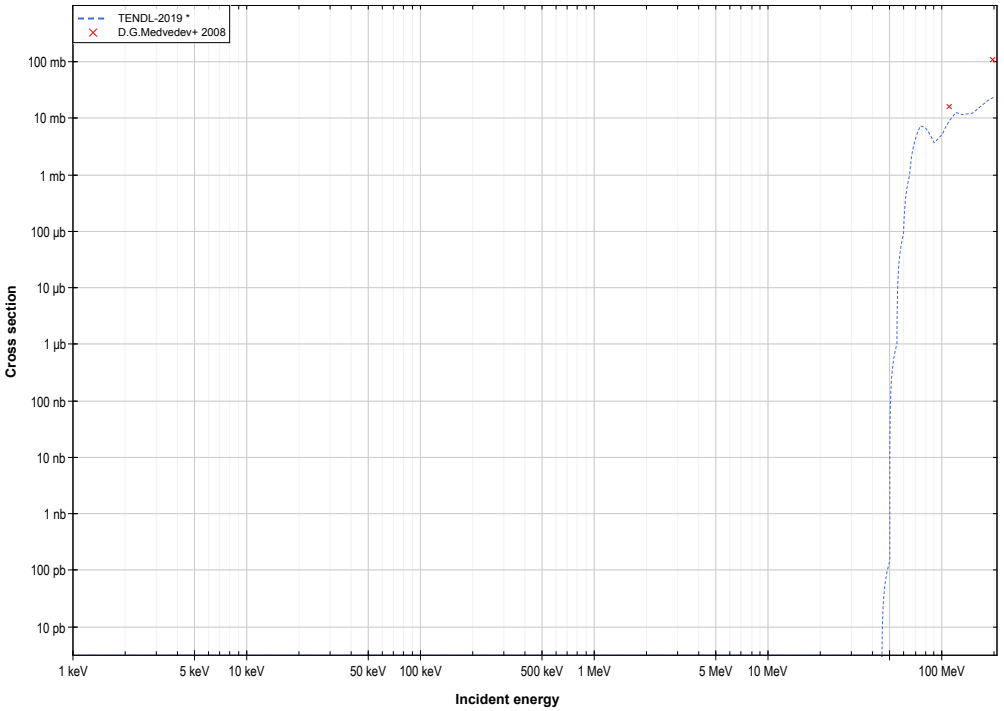
Ta181 (p,5n) or W177 production lin-log



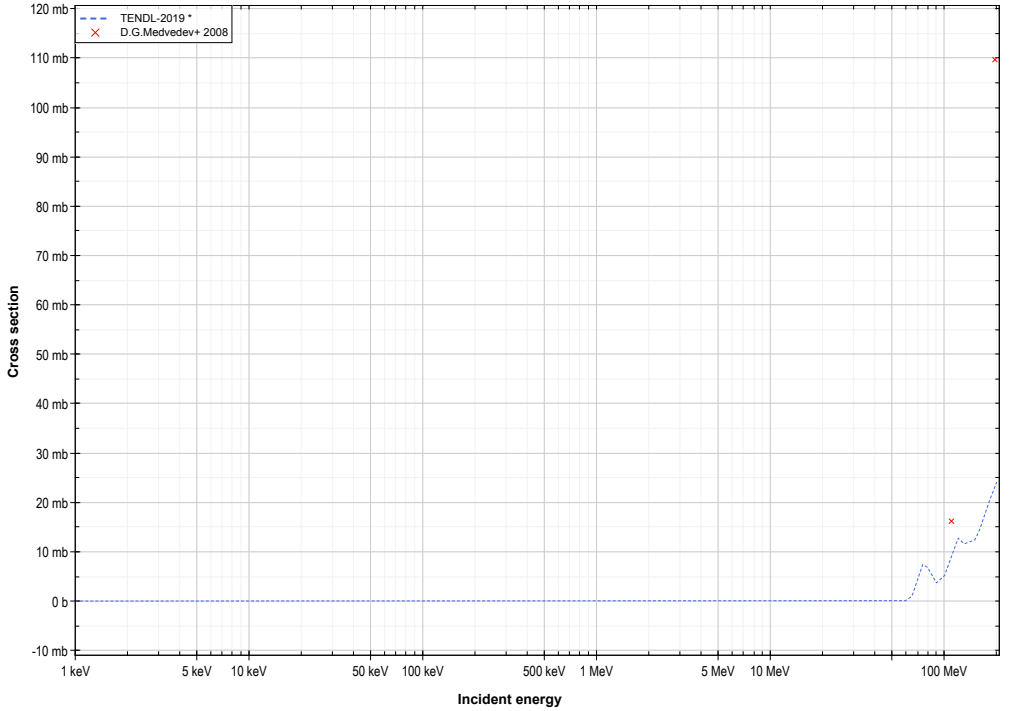
Reaction	Q-Value
Ta181(p,5n)W177	-31803.91 keV

	73-Ta-181	80-Hg-202 >>
<< MT152 (p,5n)	**MT168 (p,7n+α) or MT5 (Hf171 production)**	MT186 (p,n+p+^{3}He) >>

Ta181 (p,7n+α) or Hf171 production log-log



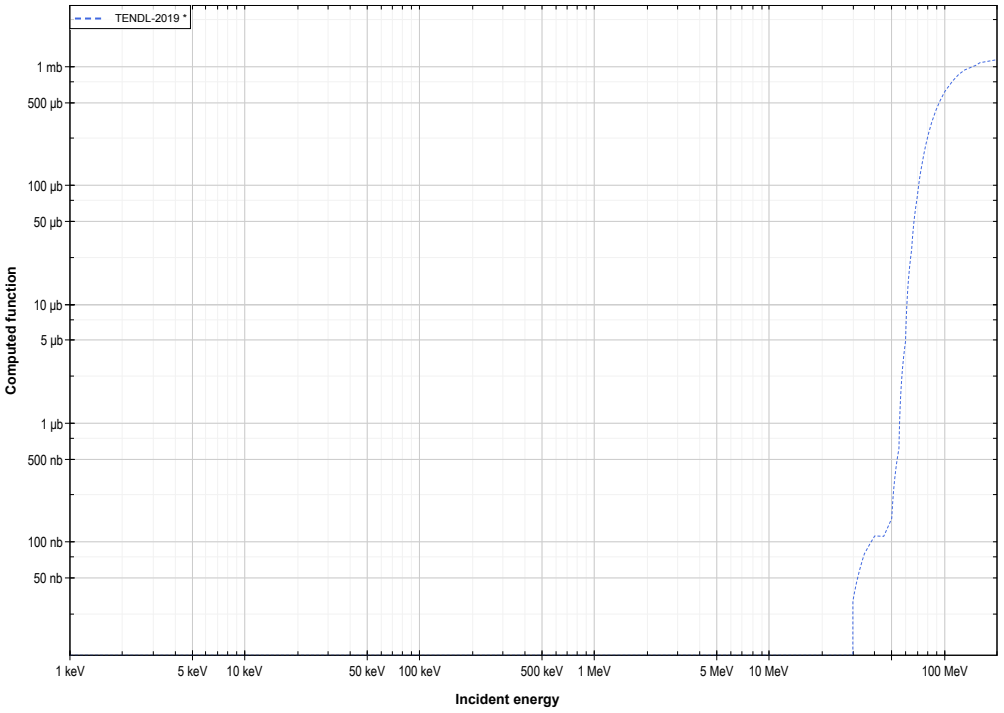
Ta181 (p,7n+α) or Hf171 production lin-log



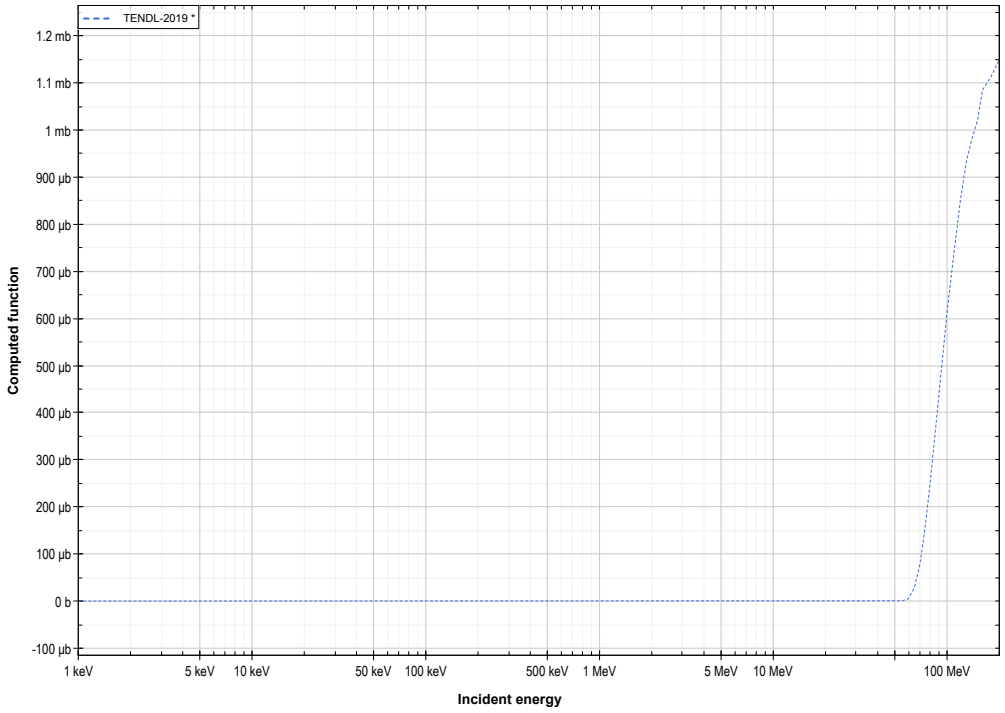
Reaction	Q-Value
Ta181(p,7n+α)Hf171	-44642.46 keV
Ta181(p,5n+2t)Hf171	-55974.53 keV
Ta181(p,6n+d+t)Hf171	-62231.76 keV
Ta181(p,7n+p+t)Hf171	-64456.33 keV
Ta181(p,8n+He3)Hf171	-65220.08 keV
Ta181(p,7n+2d)Hf171	-68488.99 keV
Ta181(p,8n+p+d)Hf171	-70713.56 keV

<< 23-V-51	**73-Ta-181**	90-Th-232 >>
<< MT168 (p,7n+α)	**MT186 (p,n+p+³He) or MT5 (Lu177 production)**	MT192 (p,d+³He) >>

Ta181 (p,n+p+³He) or Lu177 production log-log



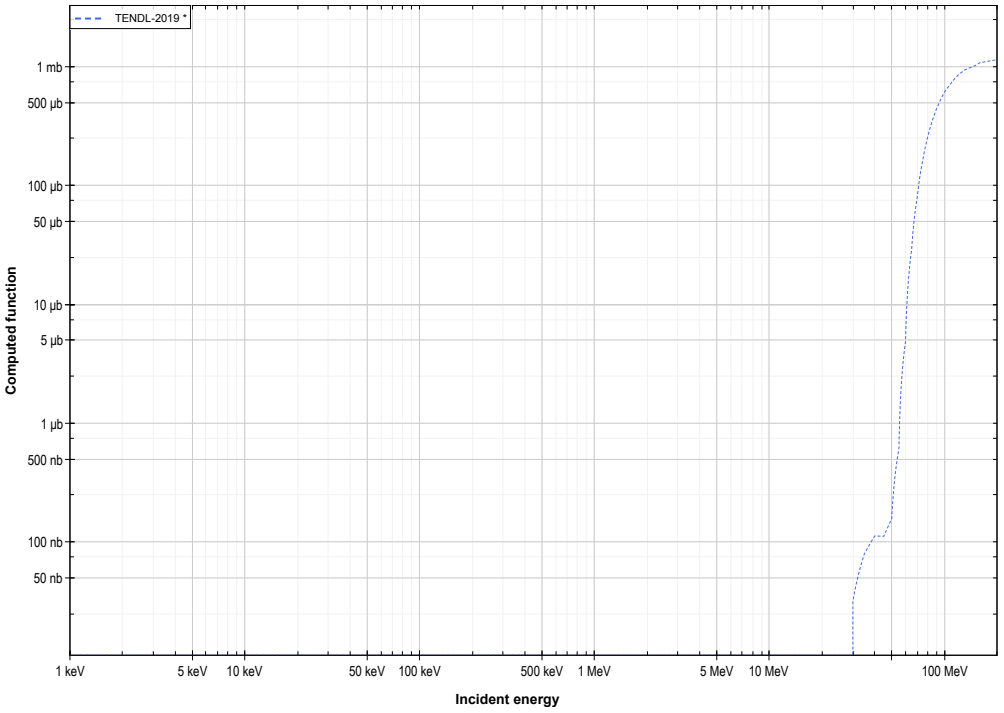
Ta181 (p,n+p+³He) or Lu177 production lin-log



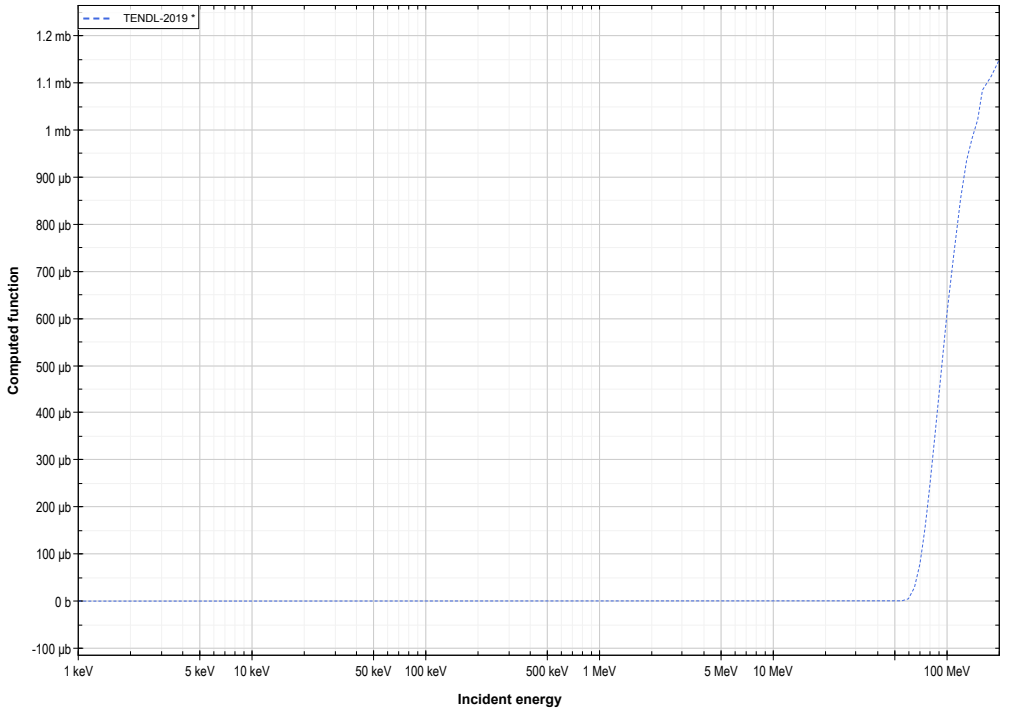
Reaction	Q-Value
Ta181(p,p+α)Lu177	1520.58 keV
Ta181(p,d+He3)Lu177	-16832.47 keV
Ta181(p,2p+t)Lu177	-18293.28 keV
Ta181(p,n+p+He3)Lu177	-19057.04 keV
Ta181(p,p+2d)Lu177	-22325.94 keV
Ta181(p,n+2p+d)Lu177	-24550.51 keV
Ta181(p,2n+3p)Lu177	-26775.08 keV

<< 23-V-51	**73-Ta-181**	90-Th-232 >>
<< MT186 (p,n+p+^{3}He)	**MT192 (p,d+^{3}He) or MT5 (Lu177 production)**	74-W-182 MT16 (p,2n) >>

Ta181 (p,d+h) or Lu177 production log-log



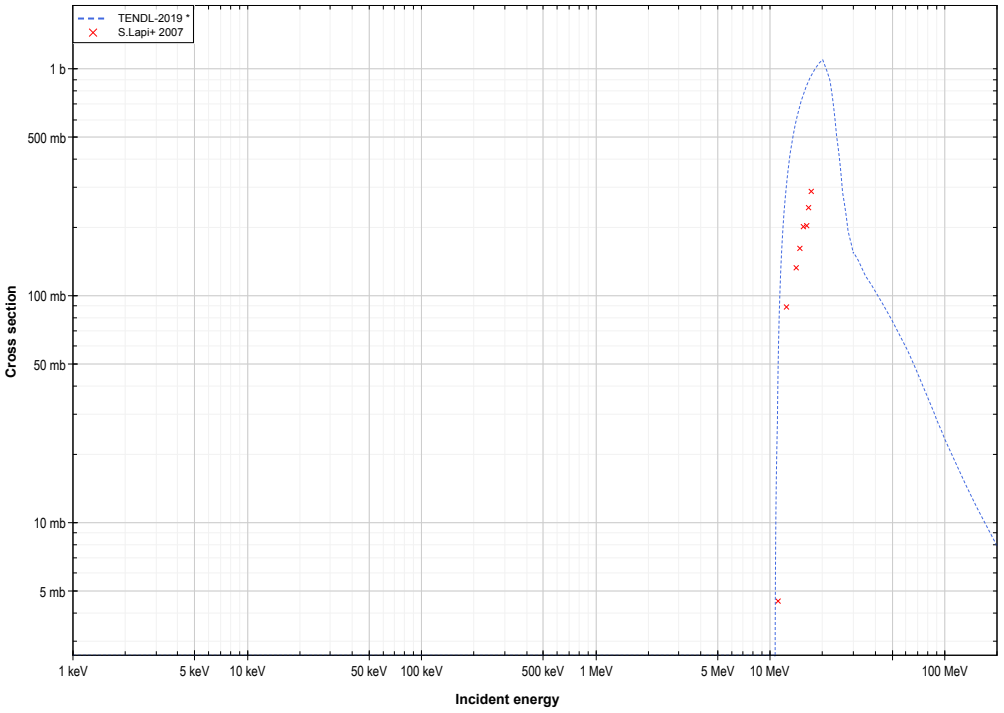
Ta181 (p,d+h) or Lu177 production lin-log



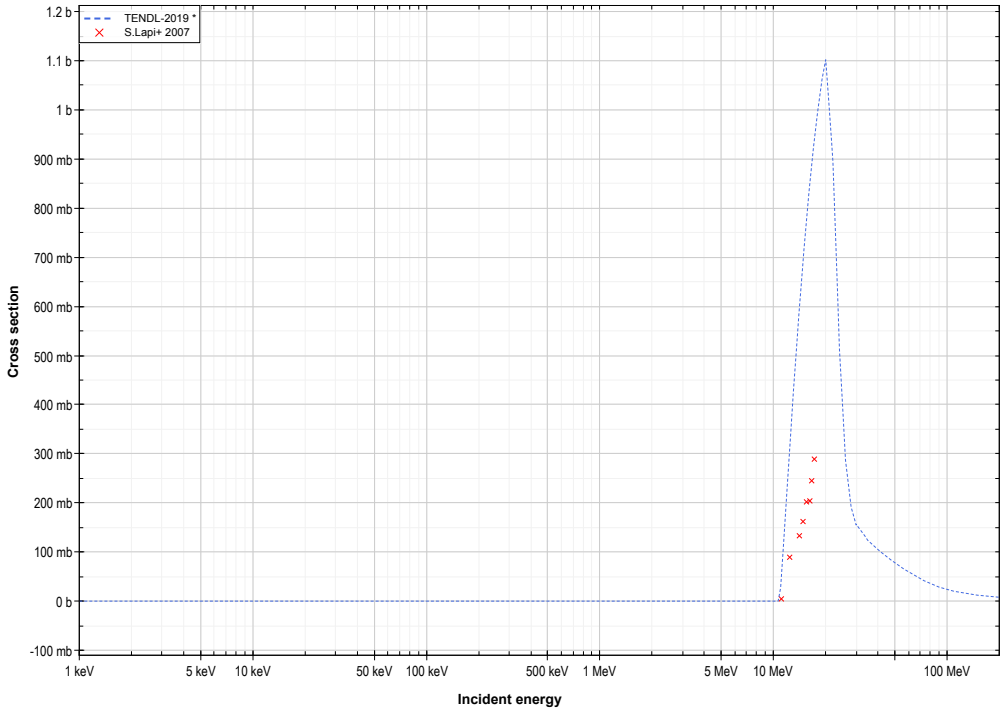
Reaction	Q-Value
Ta181(p,p+α)Lu177	1520.58 keV
Ta181(p,d+He3)Lu177	-16832.47 keV
Ta181(p,2p+t)Lu177	-18293.28 keV
Ta181(p,n+p+He3)Lu177	-19057.04 keV
Ta181(p,p+2d)Lu177	-22325.94 keV
Ta181(p,n+2p+d)Lu177	-24550.51 keV
Ta181(p,2n+3p)Lu177	-26775.08 keV

<< 73-Ta-181	**74-W-182**	79-Au-197 >>
<< 73-Ta-181 MT192 (p,d+^{3}He)	**MT16 (p,2n) or MT5 (Re181 production)**	MT18 (p,fission) >>

W182 (p,2n) or Re181 production log-log



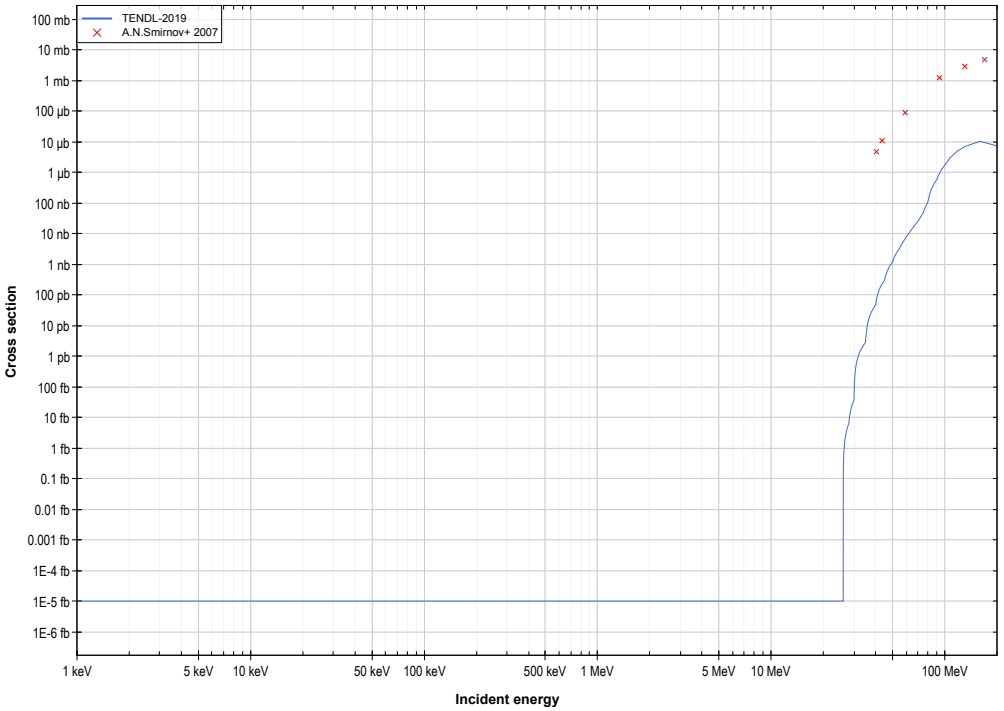
W182 (p,2n) or Re181 production lin-log



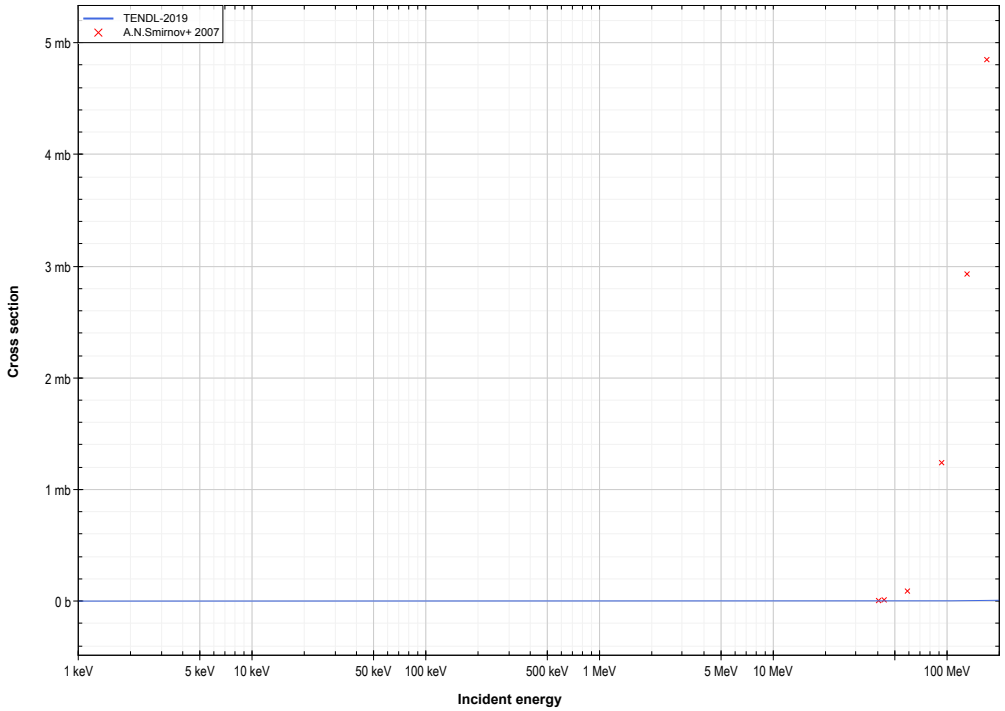
Reaction	Q-Value
W182(p,2n)Re181	-10582.76 keV

<< 73-Ta-181	**74-W-182**	74-W-183 >>
<< MT16 (p,2n)	**MT18 (p,fission)**	74-W-183 MT18 (p,fission) >>

W182 (p,fission) log-log

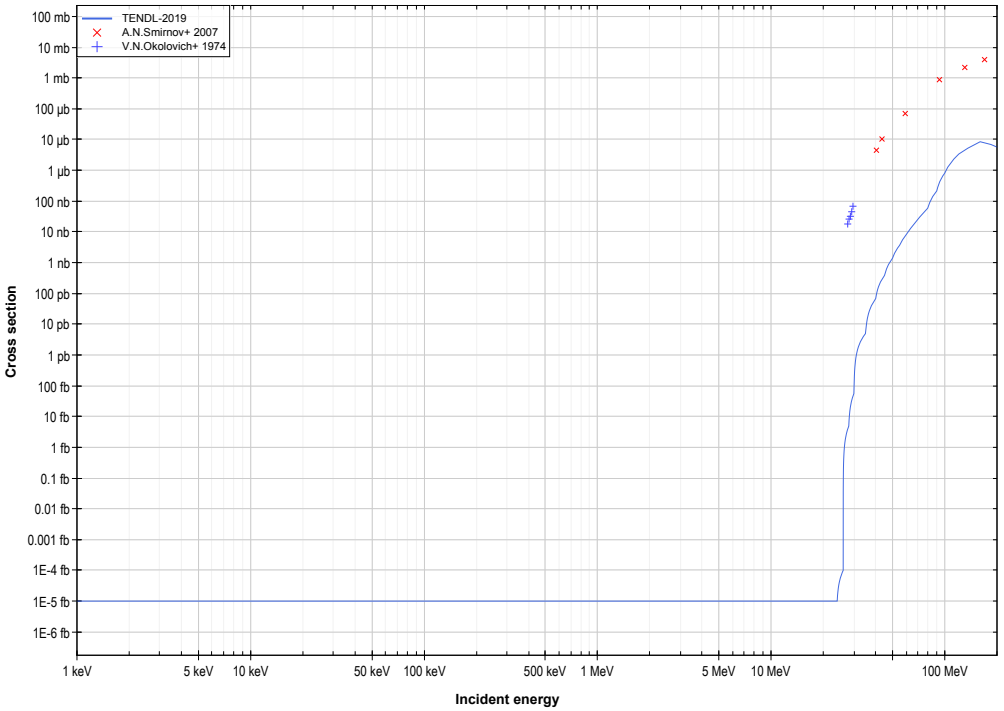


W182 (p,fission) lin-log

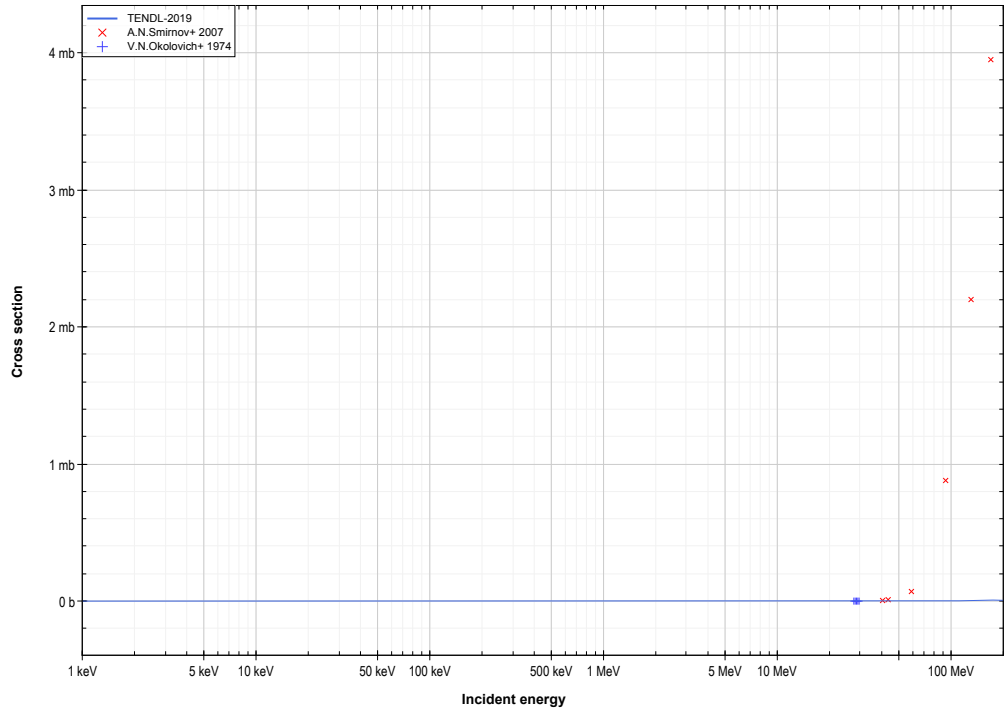


<< 74-W-182	**74-W-183**	74-W-184 >>
<< 74-W-182 MT18 (p,fission)	**MT18 (p,fission)**	74-W-184 MT18 (p,fission) >>

W183 (p,fission) log-log

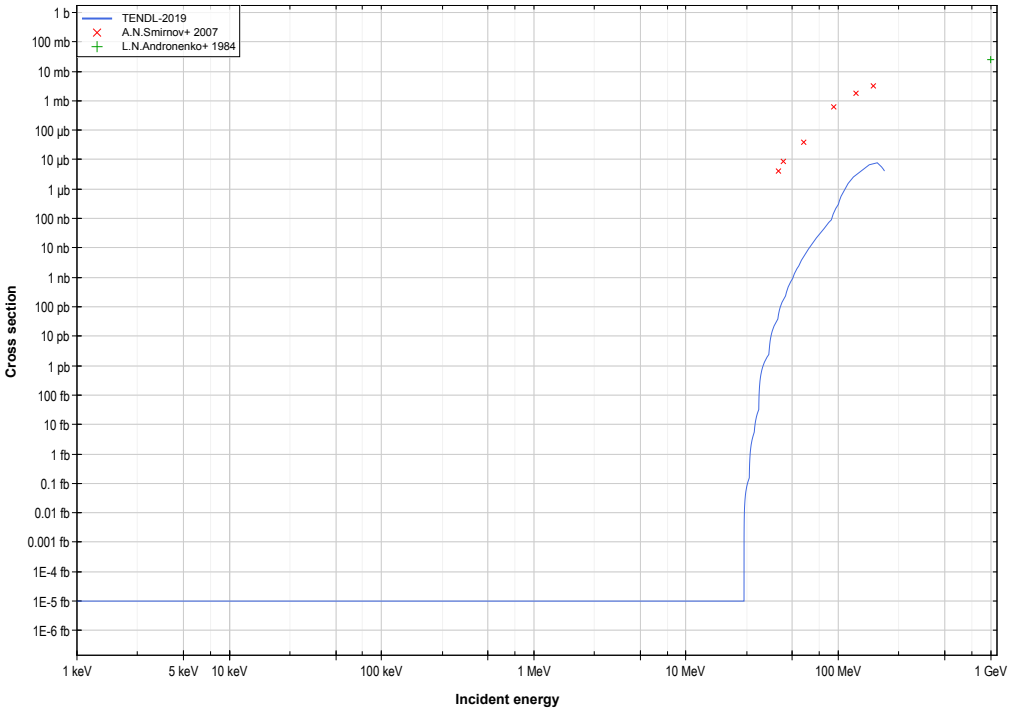


W183 (p,fission) lin-log

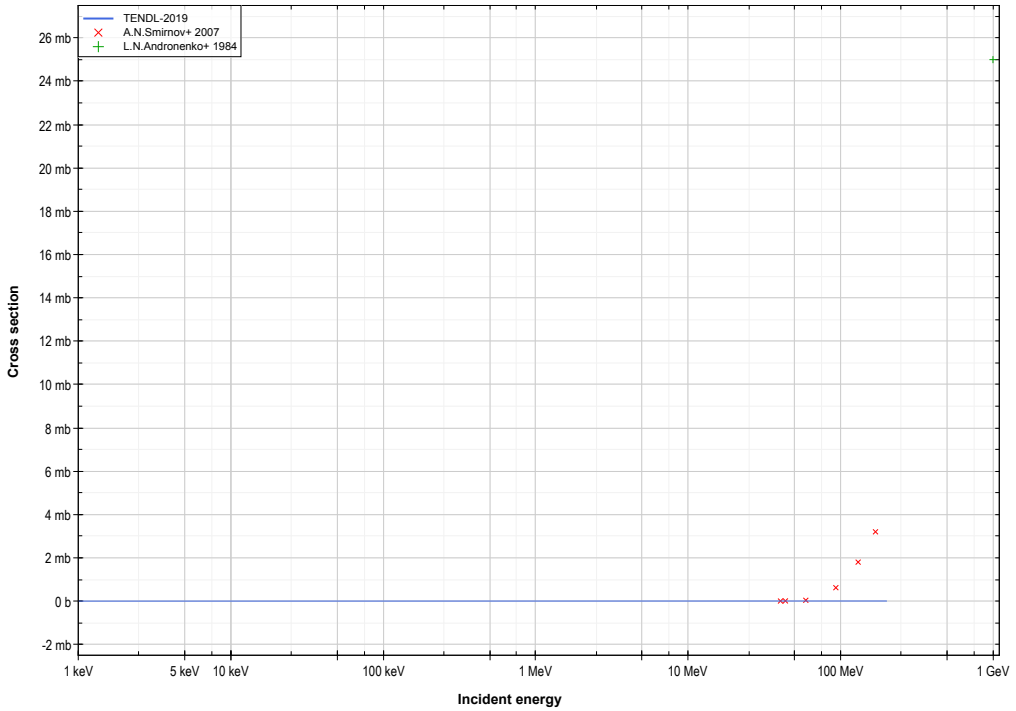


<< 74-W-183	**74-W-184**	74-W-186 >>
<< 74-W-183 MT18 (p,fission)	**MT18 (p,fission)**	74-W-186 MT4 (p,n) >>

W184 (p,fission) log-log

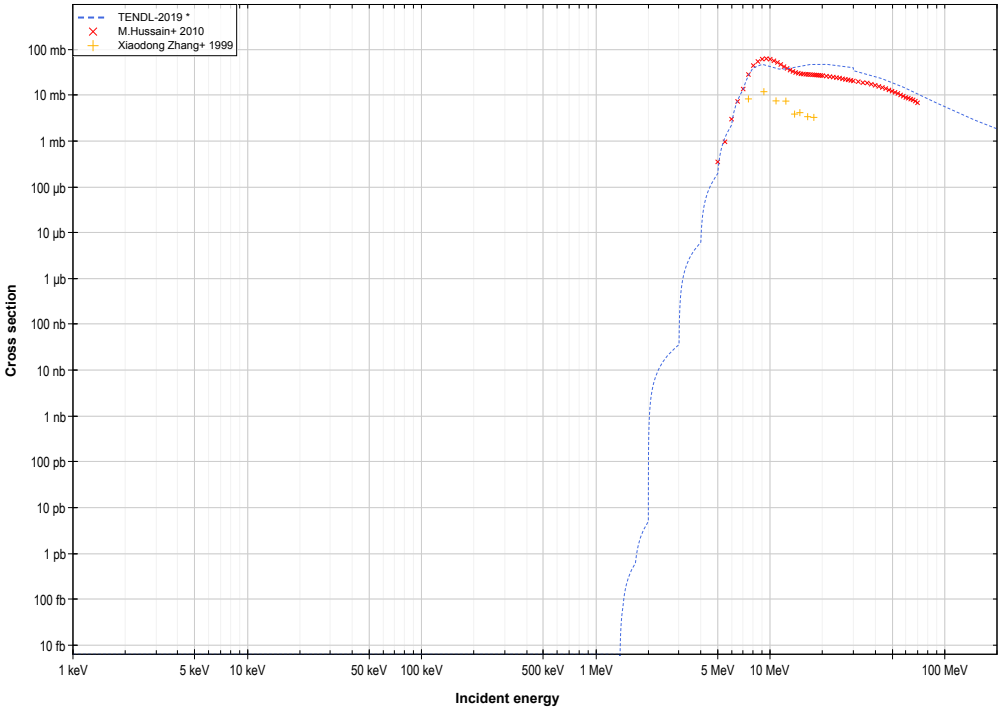


W184 (p,fission) lin-log

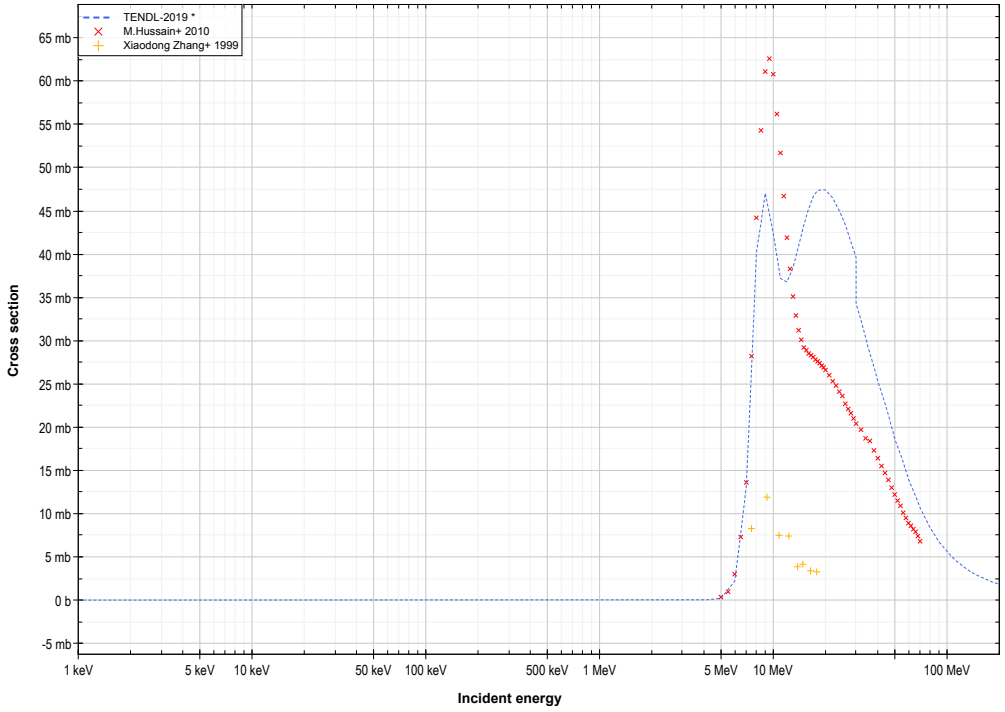


<< 73-Ta-181	**74-W-186**	76-Os-192 >>
<< 74-W-184 MT18 (p,fission)	**MT4 (p,n) or MT5 (Re186 production)**	MT18 (p,fission) >>

W186 (p,n) or Re186 production log-log



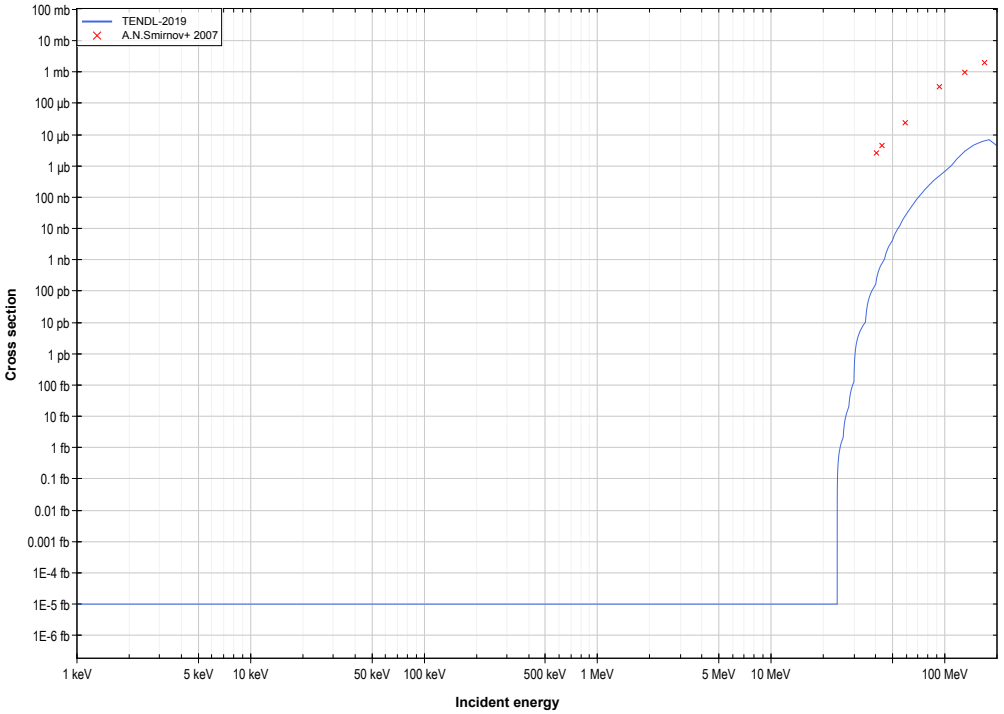
W186 (p,n) or Re186 production lin-log



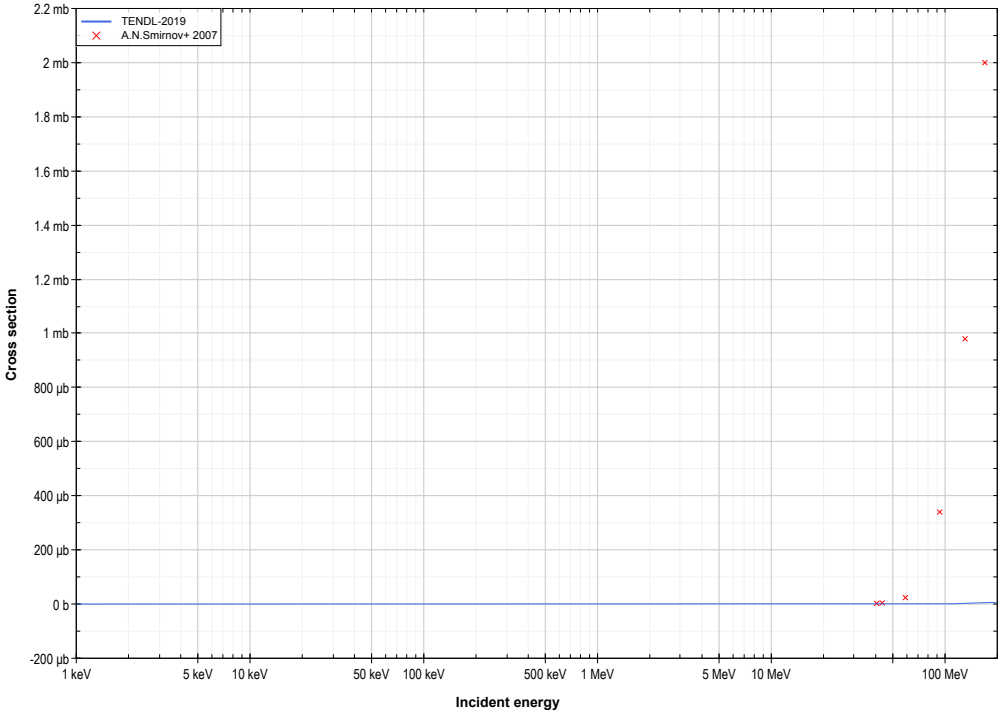
Reaction	Q-Value
W186(p,n)Re186	-1363.75 keV

<< 74-W-184	**74-W-186**	75-Re-185 >>
<< MT4 (p,n)	**MT18 (p,fission)**	MT28 (p,n+p) >>

W186 (p,fission) log-log

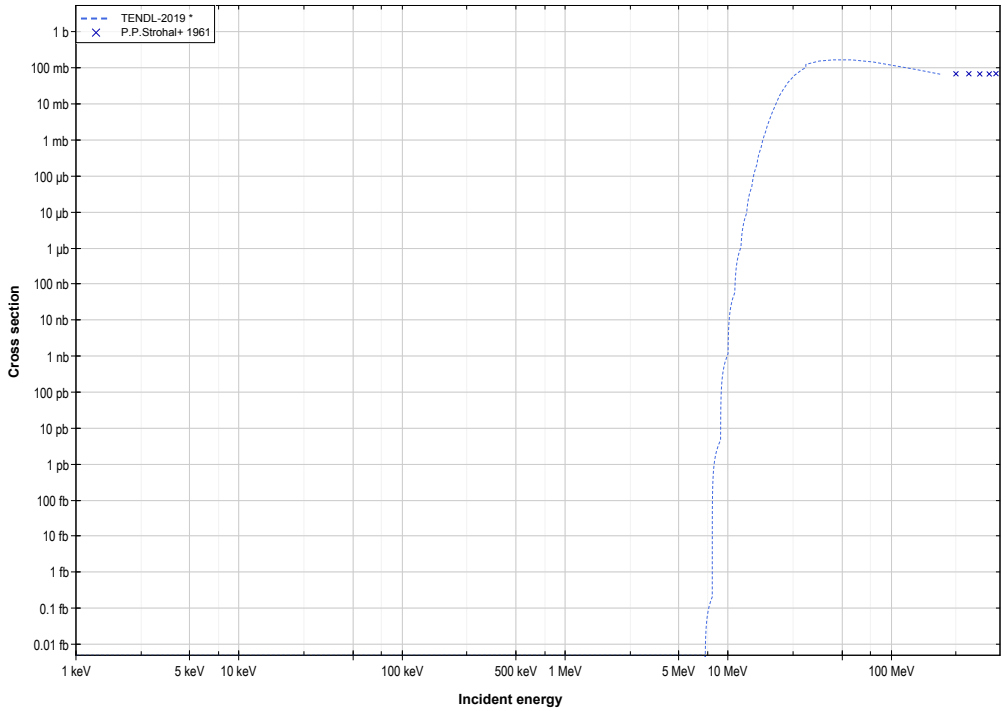


W186 (p,fission) lin-log

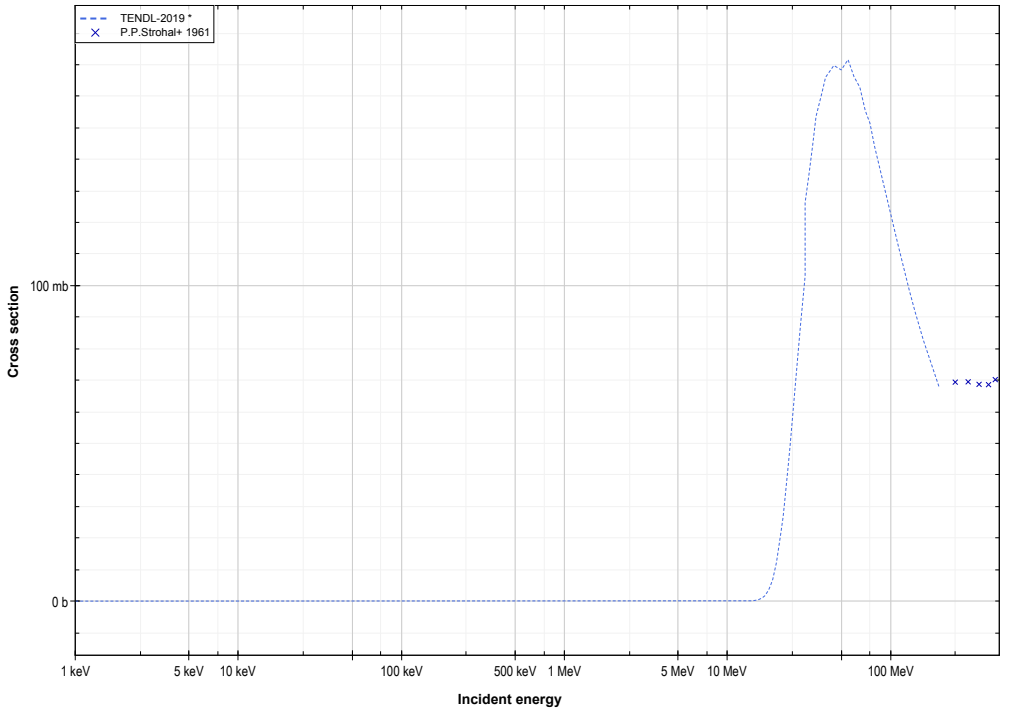


<< 73-Ta-181	**74-W-186**	75-Re-187 >>
<< MT18 (p,fission)	**MT28 (p,n+p) or MT5 (W185 production)**	MT111 (p,2p) >>

W186 (p,n+p) or W185 production log-log



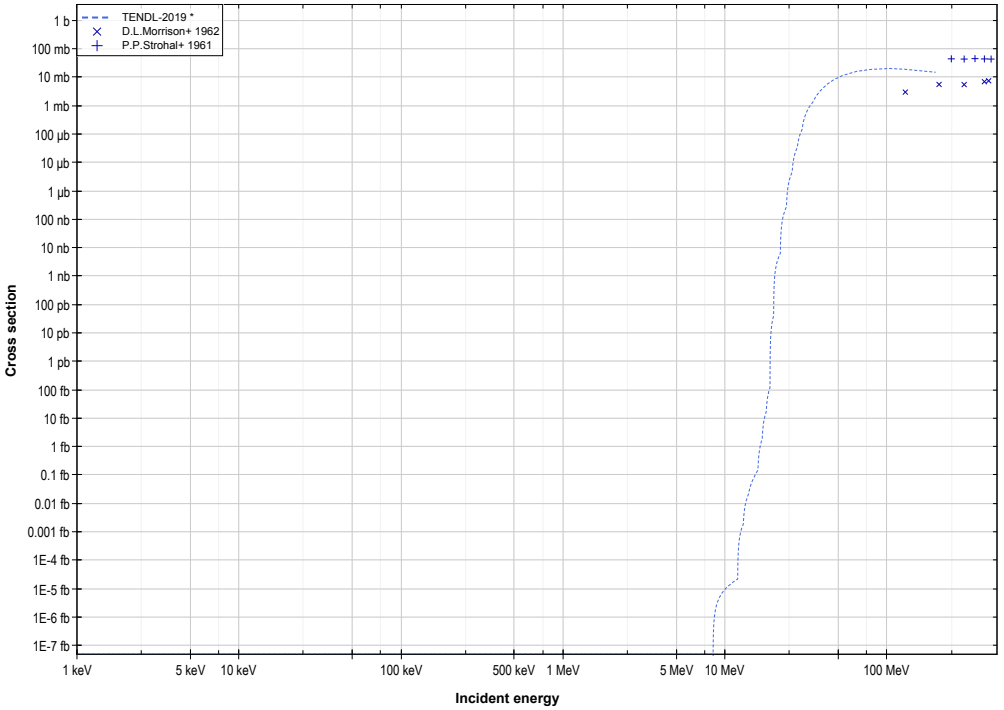
W186 (p,n+p) or W185 production lin-log



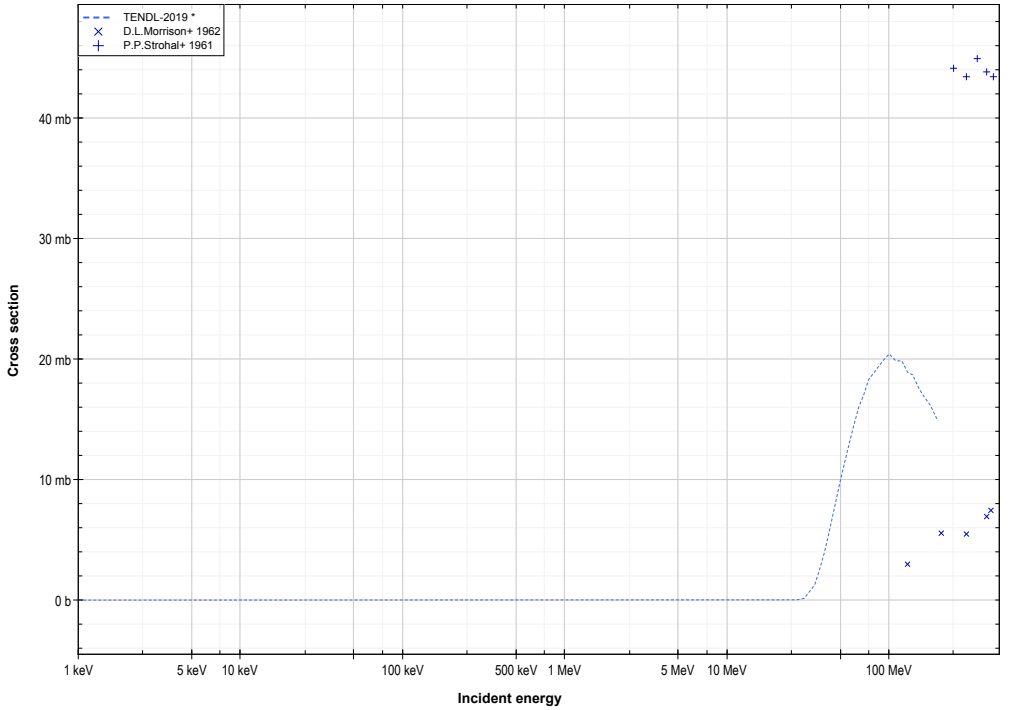
Reaction	Q-Value
W186(p,d)W185	-4967.45 keV
W186(p,n+p)W185	-7192.02 keV

<< 58-Ce-142	**74-W-186**	80-Hg-202 >>
<< MT28 (p,n+p)	**MT111 (p,2p) or MT5 (Ta185 production)**	75-Re-185 MT18 (p,fission) >>

W186 (p,2p) or Ta185 production log-log



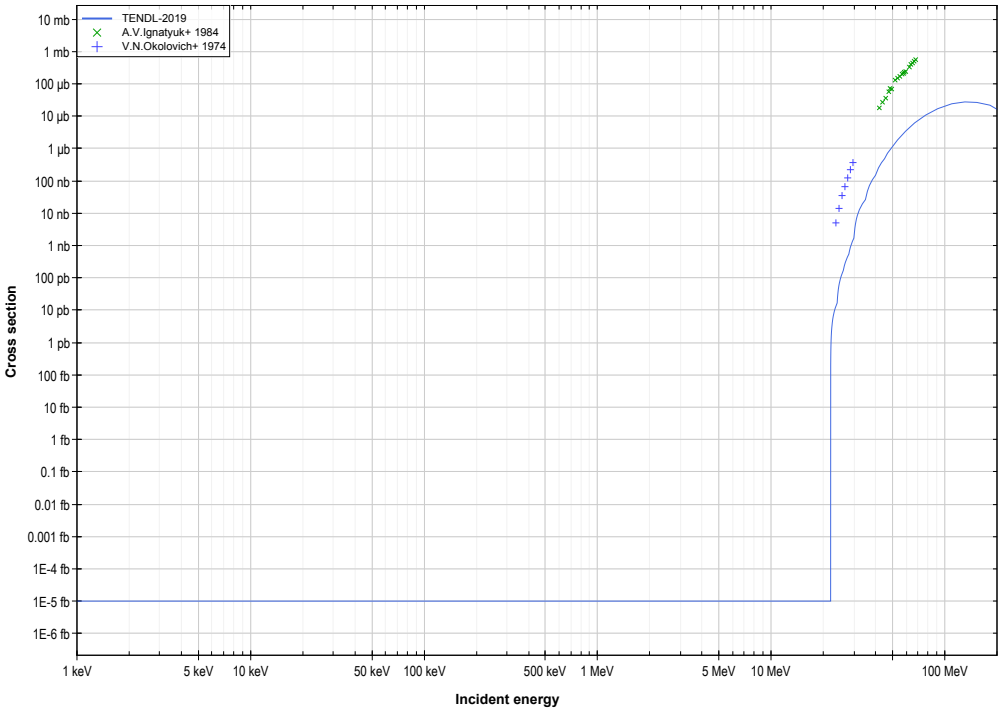
W186 (p,2p) or Ta185 production lin-log



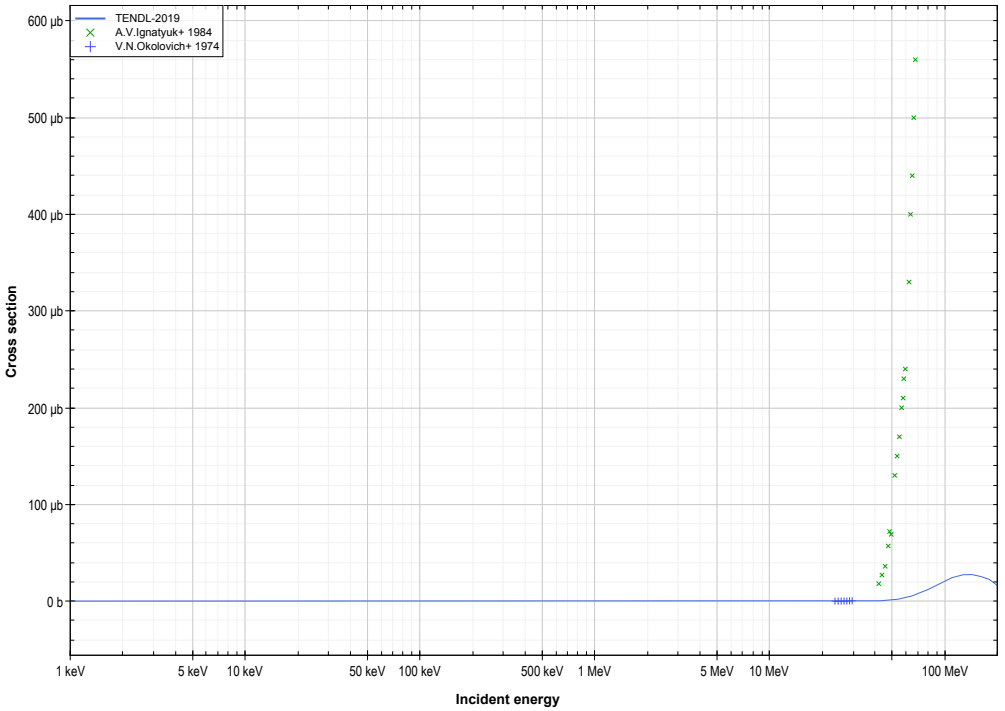
Reaction	Q-Value
W186(p,2p)Ta185	-8403.47 keV

<< 74-W-186	**75-Re-185**	76-Os-188 >>
<< 74-W-186 MT111 (p,2p)	**MT18 (p,fission)**	75-Re-187 MT28 (p,n+p) >>

Re185 (p,fission) log-log

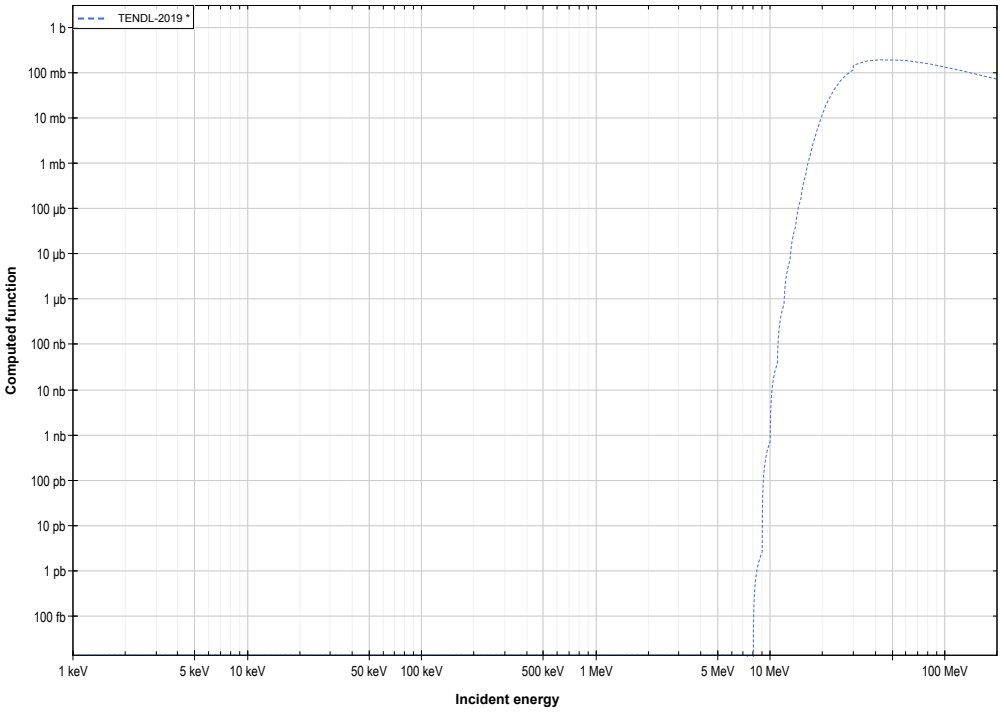


Re185 (p,fission) lin-log

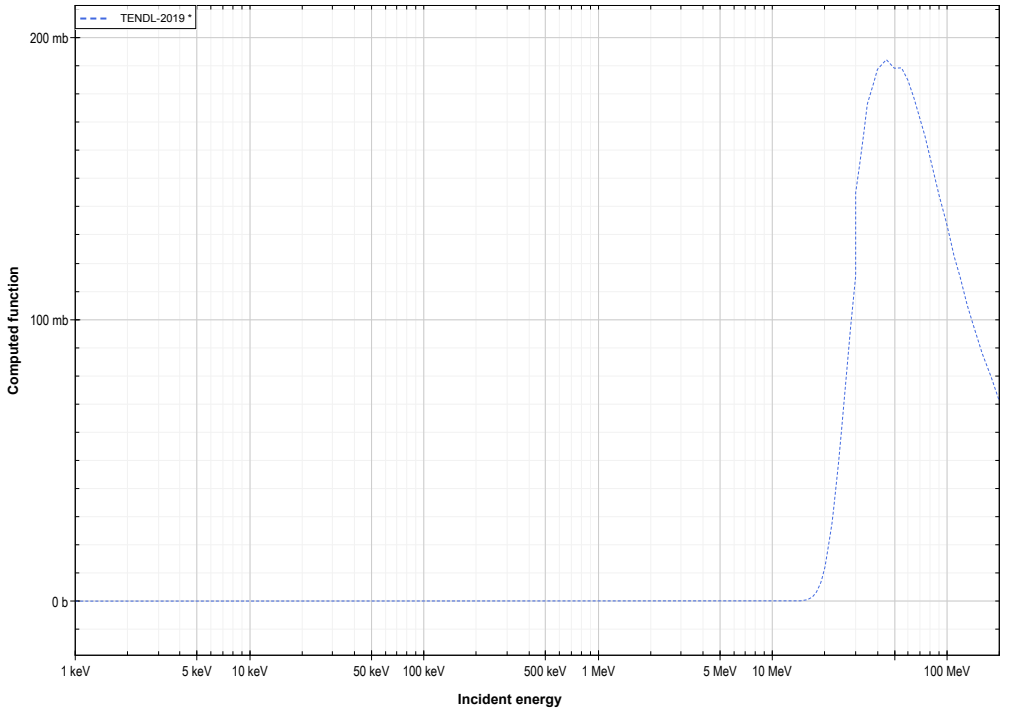


<< 74-W-186	**75-Re-187**	76-Os-192 >>
<< 75-Re-185 MT18 (p,fission)	**MT28 (p,n+p) or MT5 (Re186 production)**	MT197 (p,3p) >>

Re187 (p,n+p) or Re186 production log-log



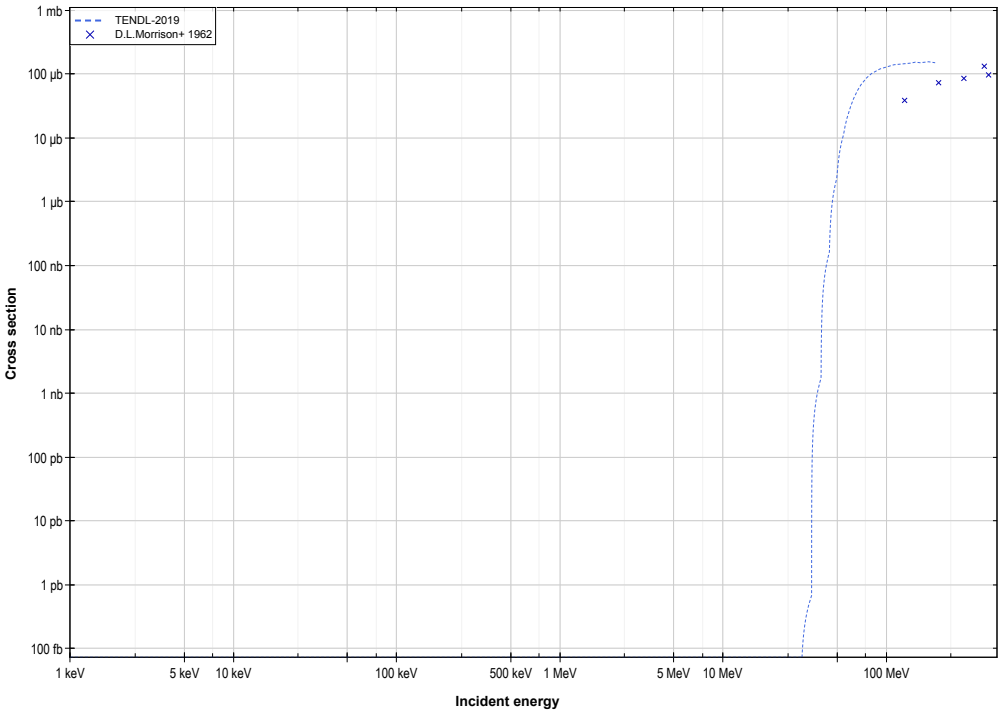
Re187 (p,n+p) or Re186 production lin-log



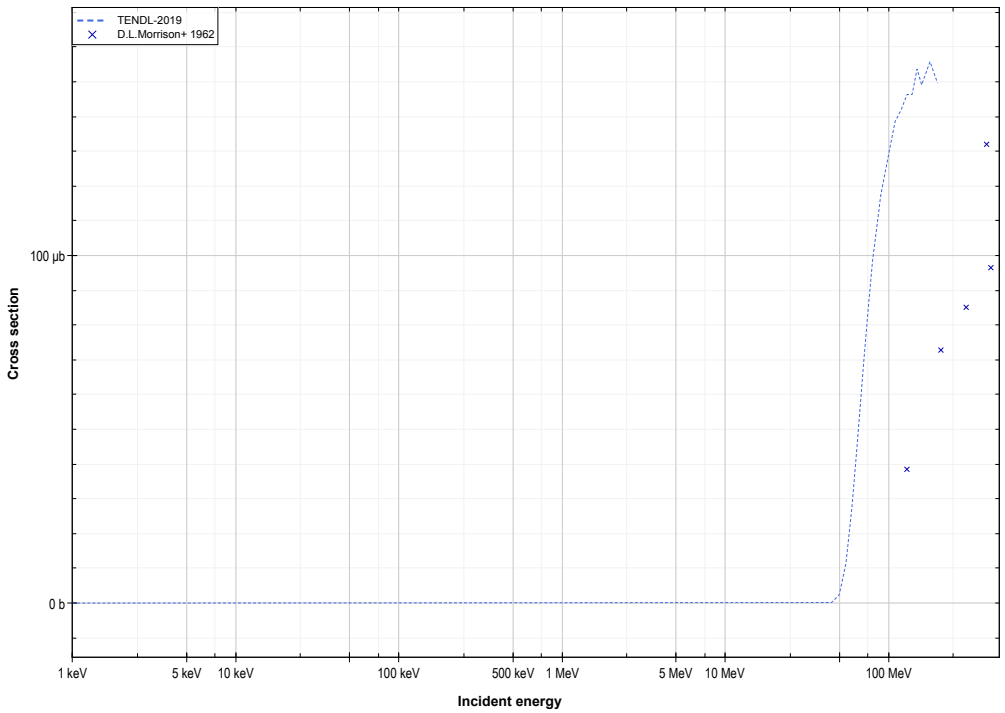
Reaction	Q-Value
Re187(p,d)Re186	-5136.15 keV
Re187(p,n+p)Re186	-7360.72 keV

<< 33-As-75	**75-Re-187**	
<< MT28 (p,n+p)	**MT197 (p,3p) or MT5 (Ta185 production)**	76-Os-188 MT18 (p,fission) >>

Re187 (p,3p) or Ta185 production log-log



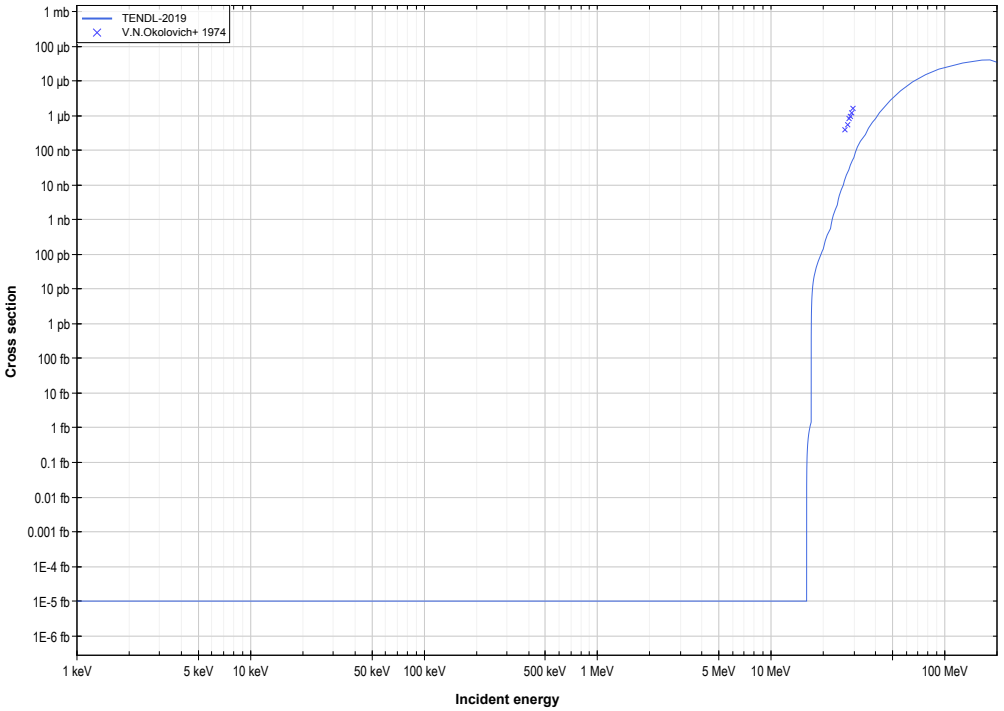
Re187 (p,3p) or Ta185 production lin-log



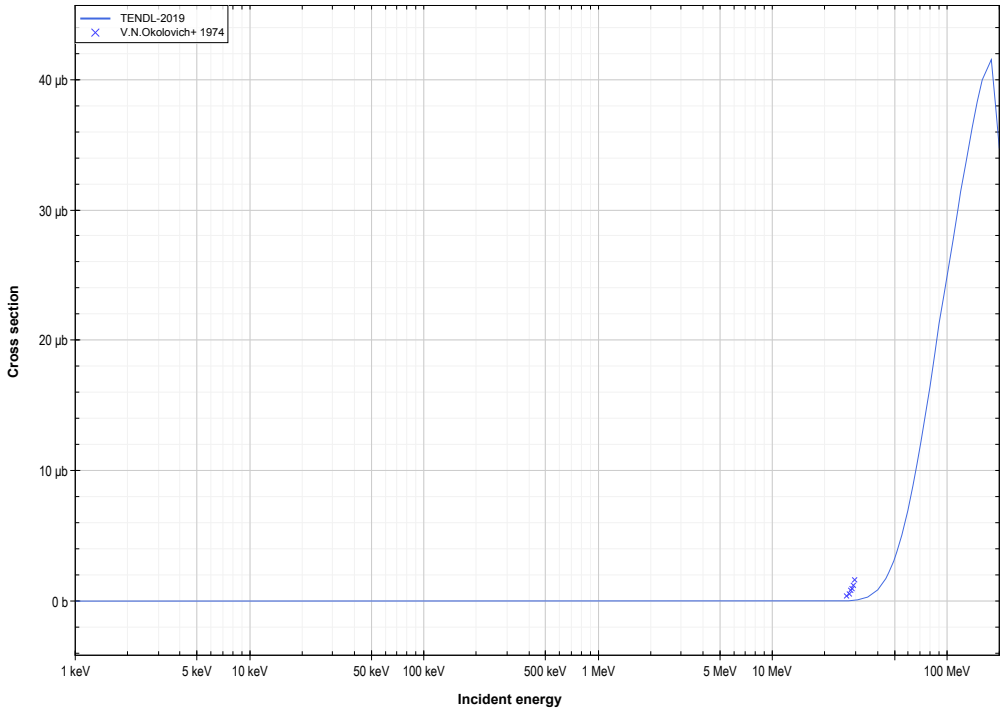
Reaction	Q-Value
Re187(p,3p)Ta185	-14400.44 keV

<< 75-Re-185	**76-Os-188**	76-Os-189 >>
<< 75-Re-187 MT197 (p,3p)	**MT18 (p,fission)**	76-Os-189 MT18 (p,fission) >>

Os188 (p,fission) log-log

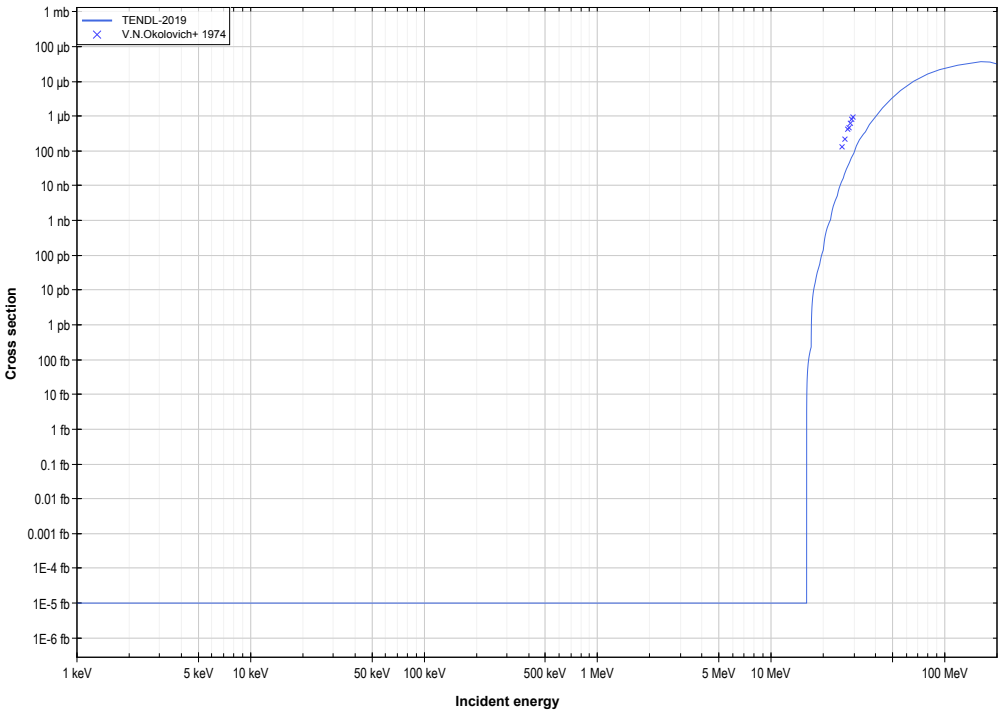


Os188 (p,fission) lin-log

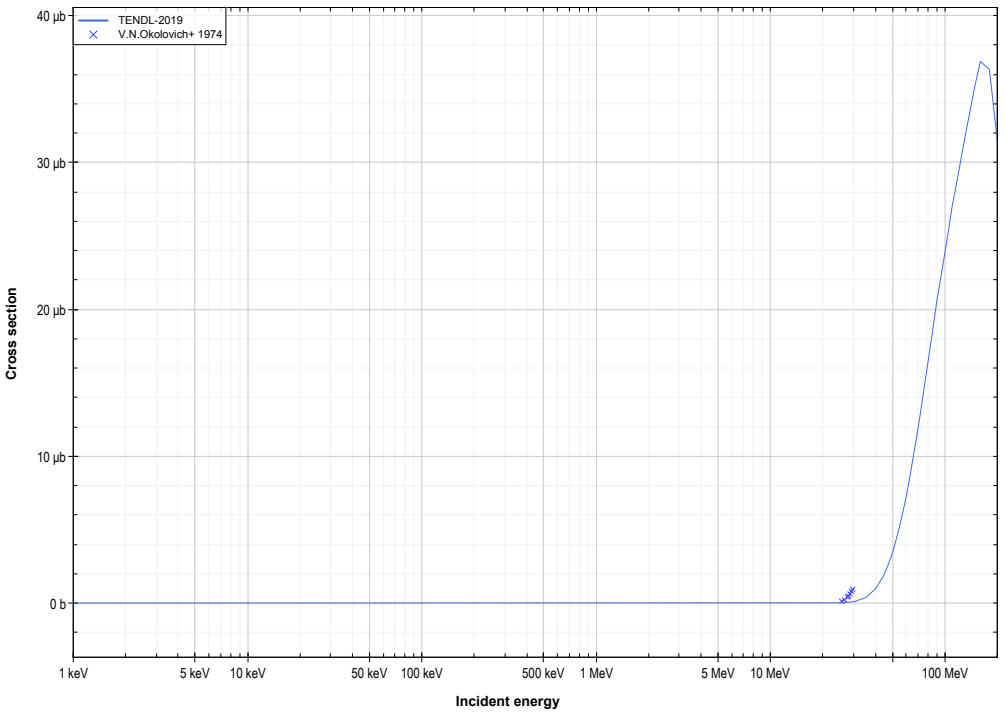


<< 76-Os-188	**76-Os-189**	76-Os-190 >>
<< 76-Os-188 MT18 (p,fission)	**MT18 (p,fission)**	76-Os-190 MT18 (p,fission) >>

Os189 (p,fission) log-log

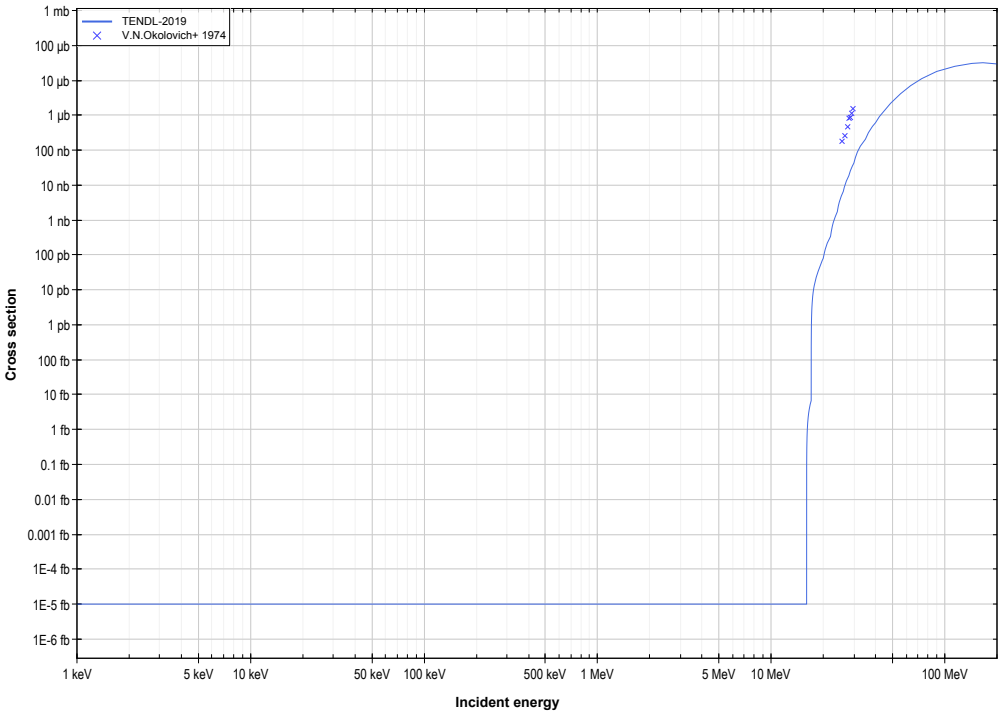


Os189 (p,fission) lin-log

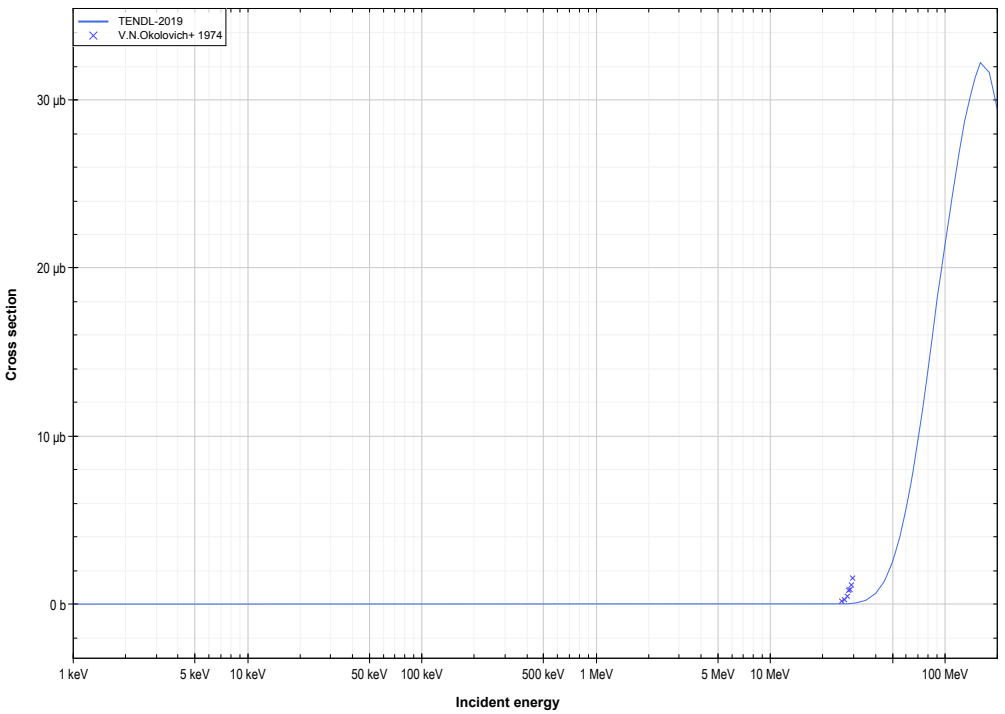


<< 76-Os-189	**76-Os-190**	78-Pt-194 >>
<< 76-Os-189 MT18 (p,fission)	**MT18 (p,fission)**	76-Os-192 MT4 (p,n) >>

Os190 (p,fission) log-log

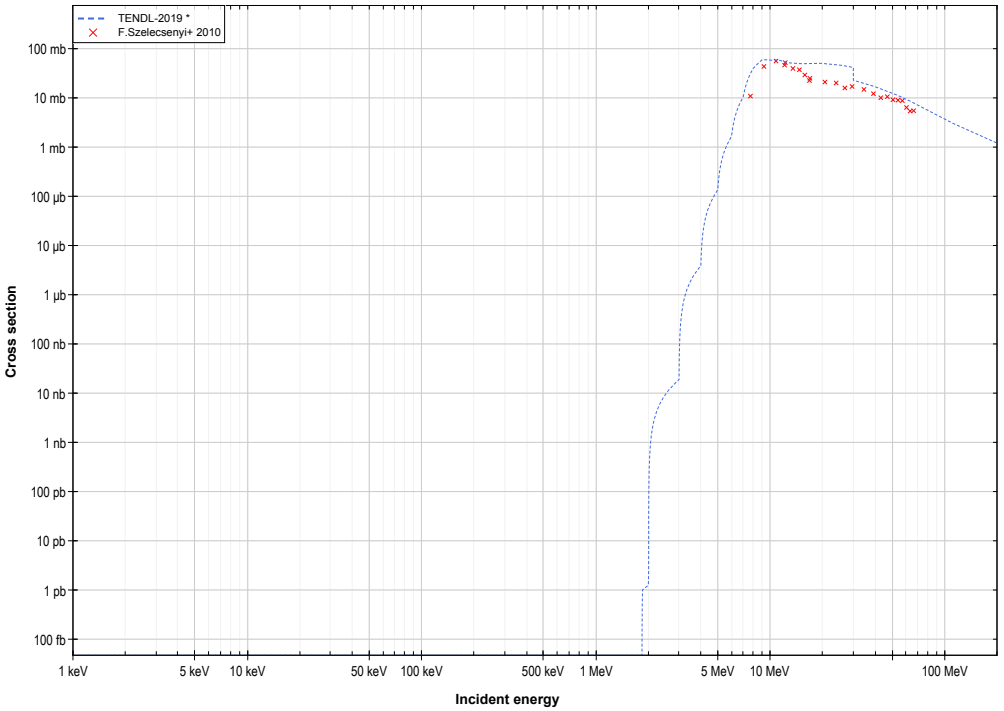


Os190 (p,fission) lin-log

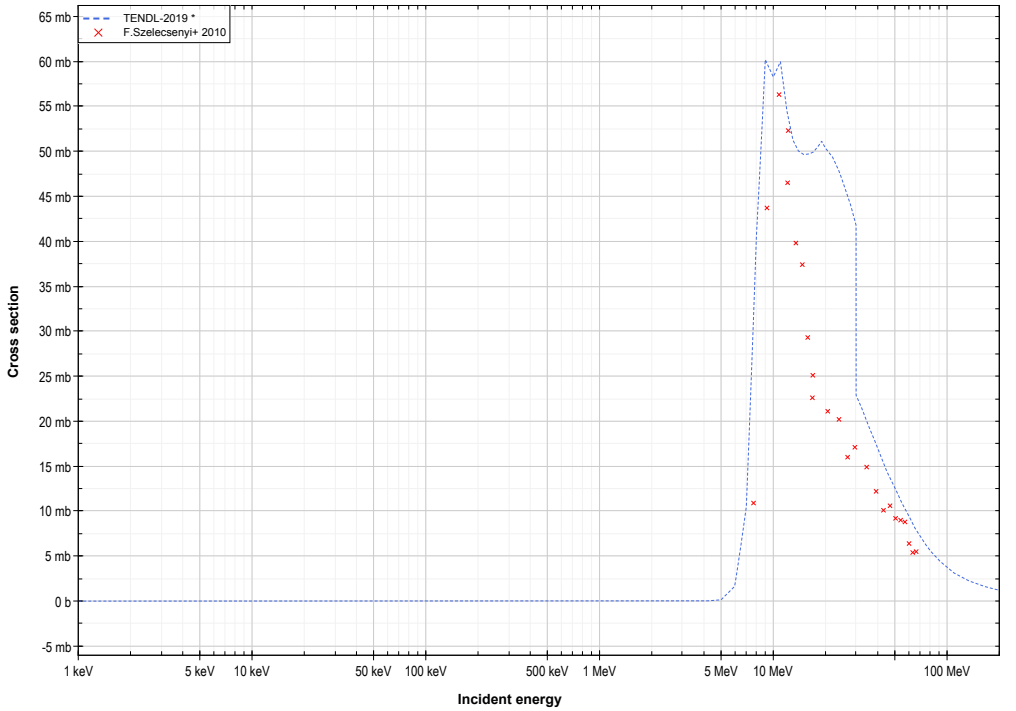


<< 74-W-186	**76-Os-192**	78-Pt-198 >>
<< 76-Os-190 MT18 (p,fission)	**MT4 (p,n) or MT5 (Ir192 production)**	MT17 (p,3n) >>

Os192 (p,n) or Ir192 production log-log



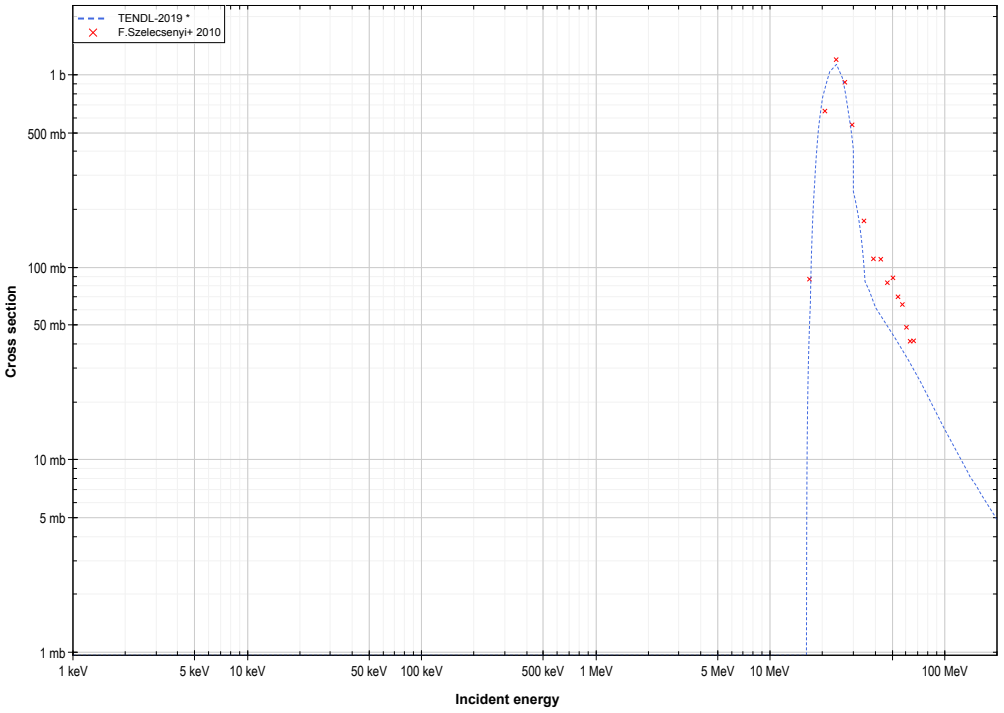
Os192 (p,n) or Ir192 production lin-log



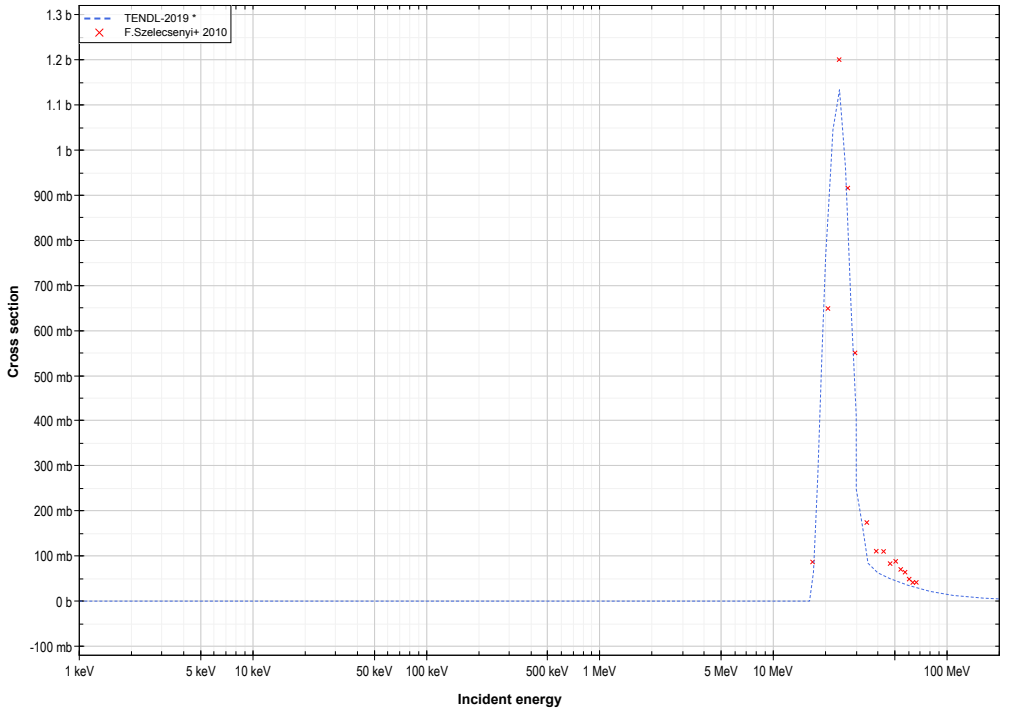
Reaction	Q-Value
Os192(p,n)Ir192	-1828.95 keV

<< 69-Tm-169	**76-Os-192**	79-Au-197 >>
<< MT4 (p,n)	**MT17 (p,3n) or MT5 (Ir190 production)**	MT25 (p,3n+α) >>

Os192 (p,3n) or Ir190 production log-log



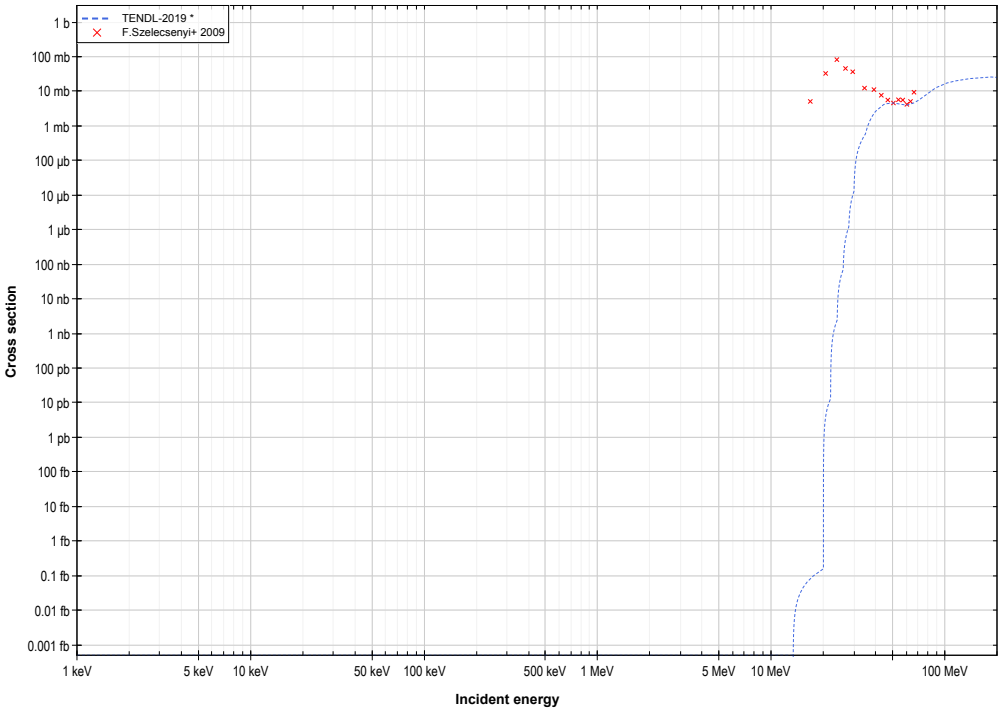
Os192 (p,3n) or Ir190 production lin-log



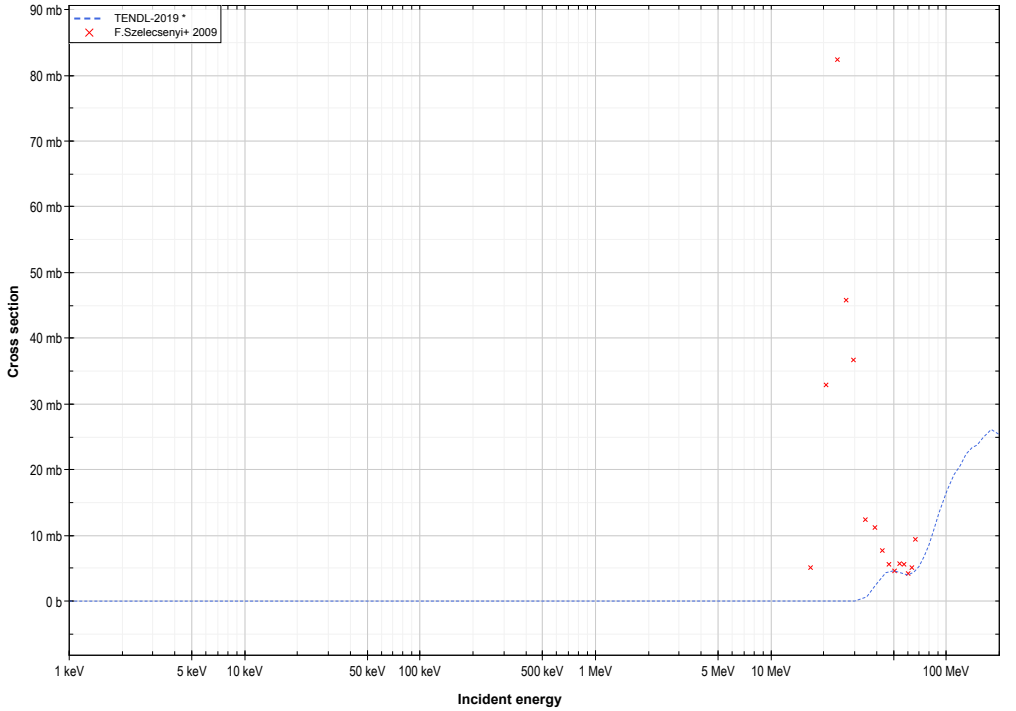
Reaction	Q-Value
Os192(p,3n)Ir190	-16053.68 keV

<< 53-I-127	**76-Os-192**	80-Hg-202 >>
<< MT17 (p,3n)	**MT25 (p,3n+α) or MT5 (Re186 production)**	MT28 (p,n+p) >>

Os192 (p,3n+α) or Re186 production log-log



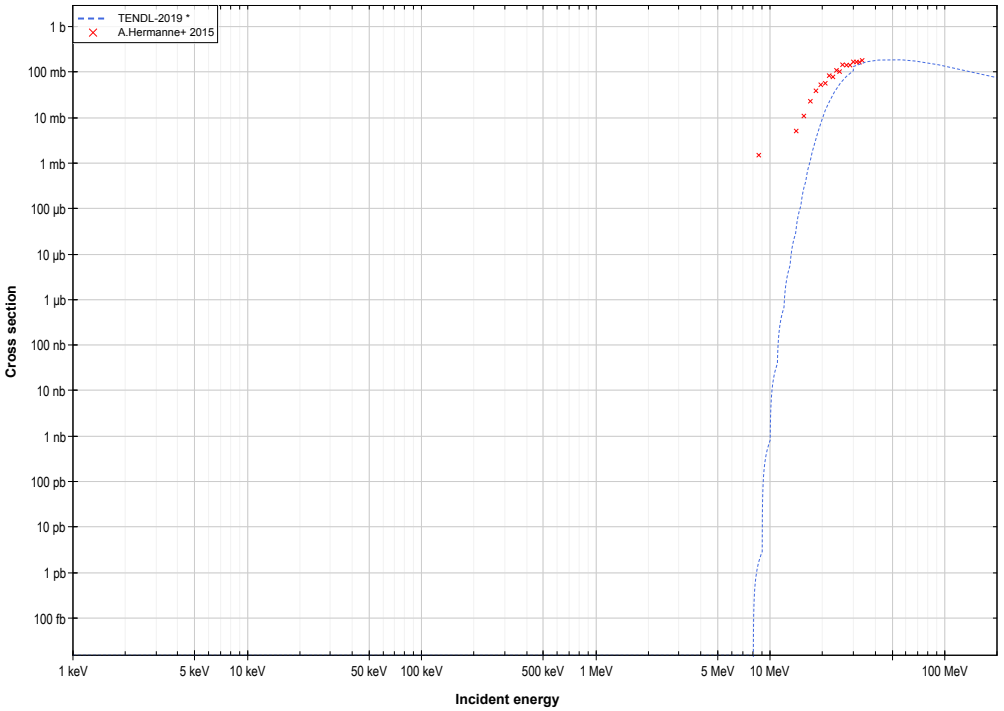
Os192 (p,3n+α) or Re186 production lin-log



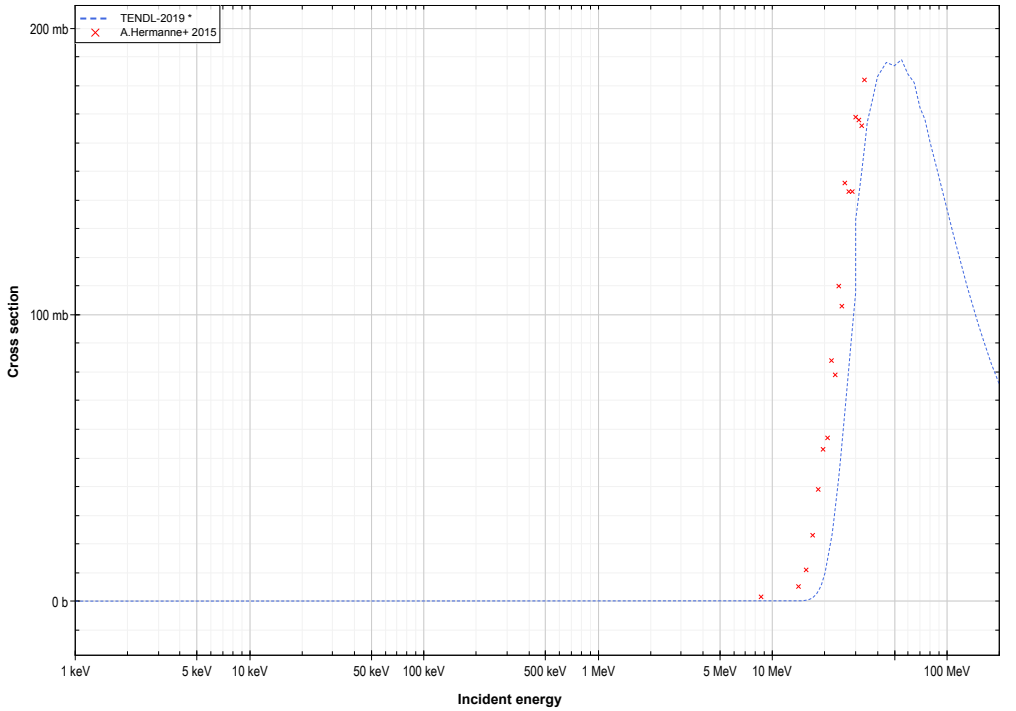
Reaction	Q-Value
Os192(p,3n+α)Re186	-13305.00 keV
Os192(p,n+2t)Re186	-24637.07 keV
Os192(p,2n+d+t)Re186	-30894.30 keV
Os192(p,3n+p+t)Re186	-33118.86 keV
Os192(p,4n+He3)Re186	-33882.62 keV
Os192(p,3n+2d)Re186	-37151.52 keV
Os192(p,4n+p+d)Re186	-39376.09 keV
Os192(p,5n+2p)Re186	-41600.66 keV

<< 75-Re-187	**76-Os-192**	79-Au-197 >>
<< MT25 (p,3n+α)	**MT28 (p,n+p) or MT5 (Os191 production)**	MT37 (p,4n) >>

Os192 (p,n+p) or Os191 production log-log



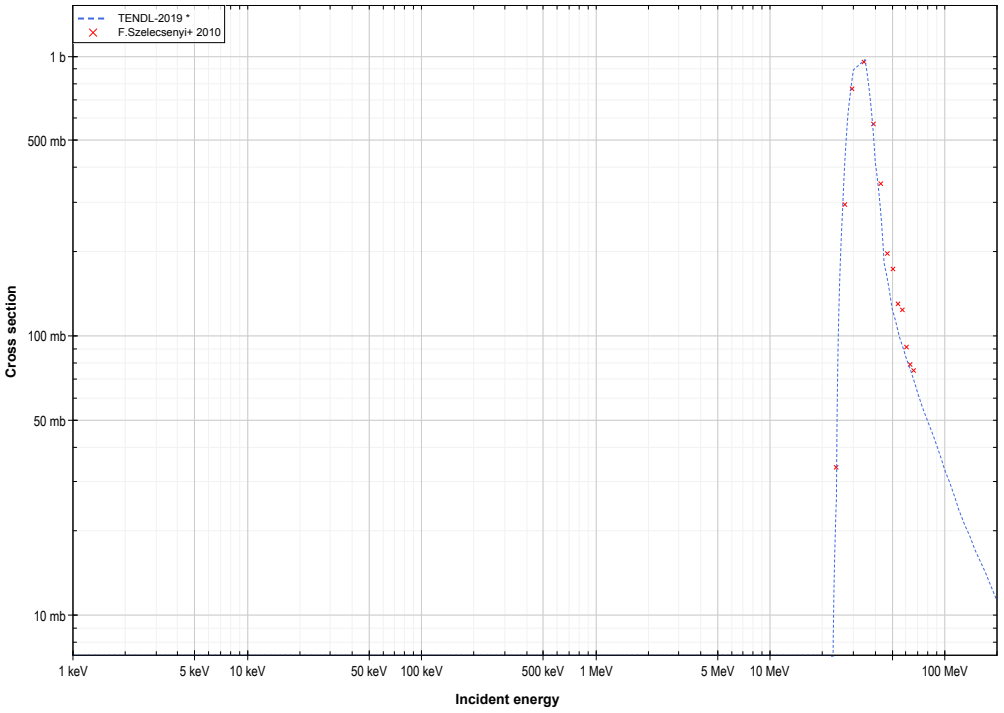
Os192 (p,n+p) or Os191 production lin-log



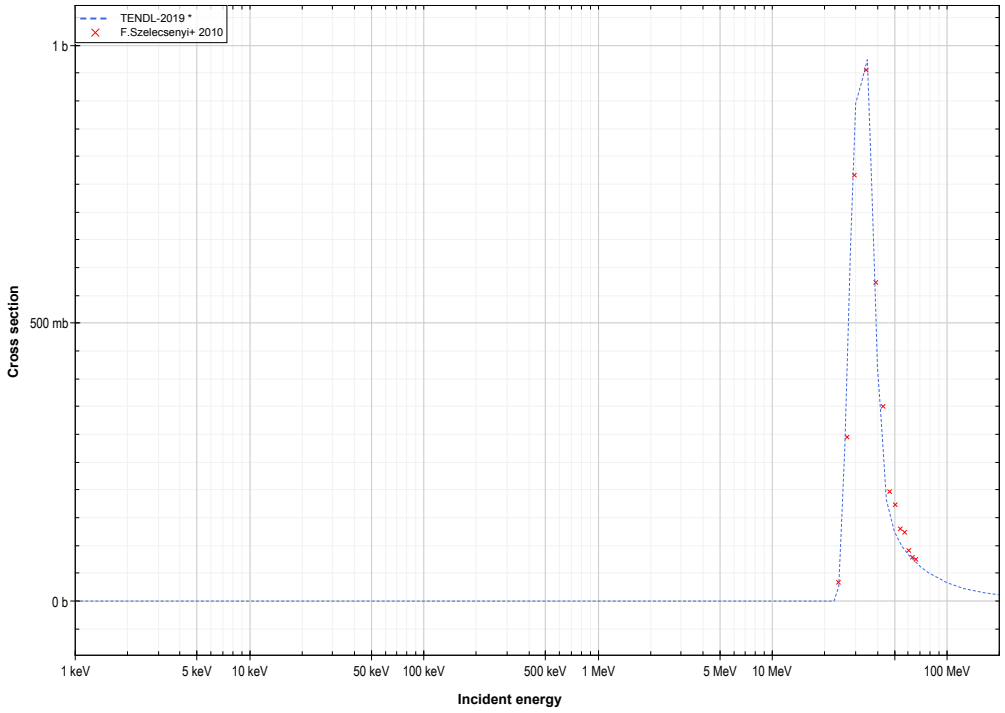
Reaction	Q-Value
Os192(p,d)Os191	-5333.75 keV
Os192(p,n+p)Os191	-7558.32 keV

<< 73-Ta-181	**76-Os-192**	79-Au-197 >>
<< MT28 (p,n+p)	**MT37 (p,4n) or MT5 (Ir189 production)**	MT104 (p,d) >>

Os192 (p,4n) or Ir189 production log-log



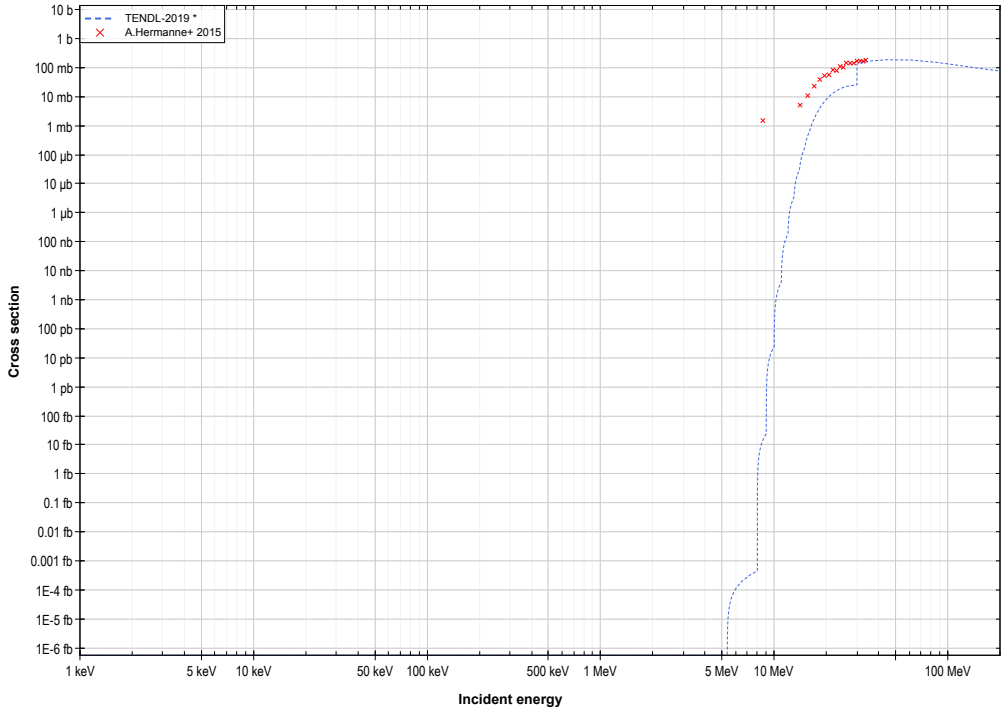
Os192 (p,4n) or Ir189 production lin-log



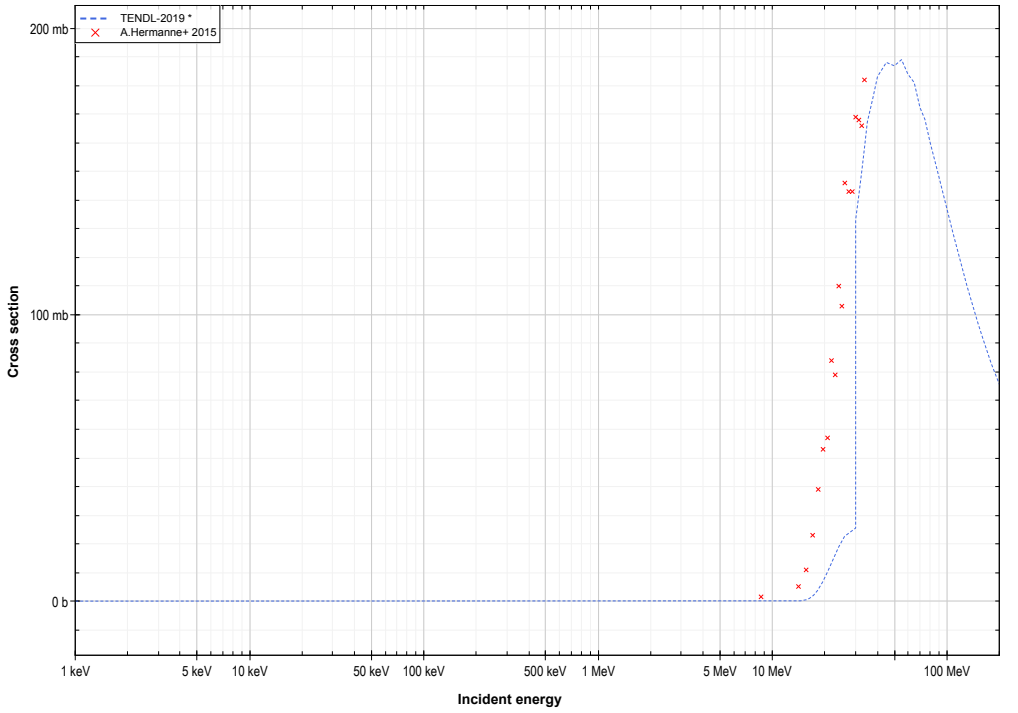
Reaction	Q-Value
Os192(p,4n)Ir189	-22428.50 keV

<< 73-Ta-181	**76-Os-192**	79-Au-197 >>
<< MT37 (p,4n)	**MT104 (p,d) or MT5 (Os191 production)**	MT152 (p,5n) >>

Os192 (p,d) or Os191 production log-log



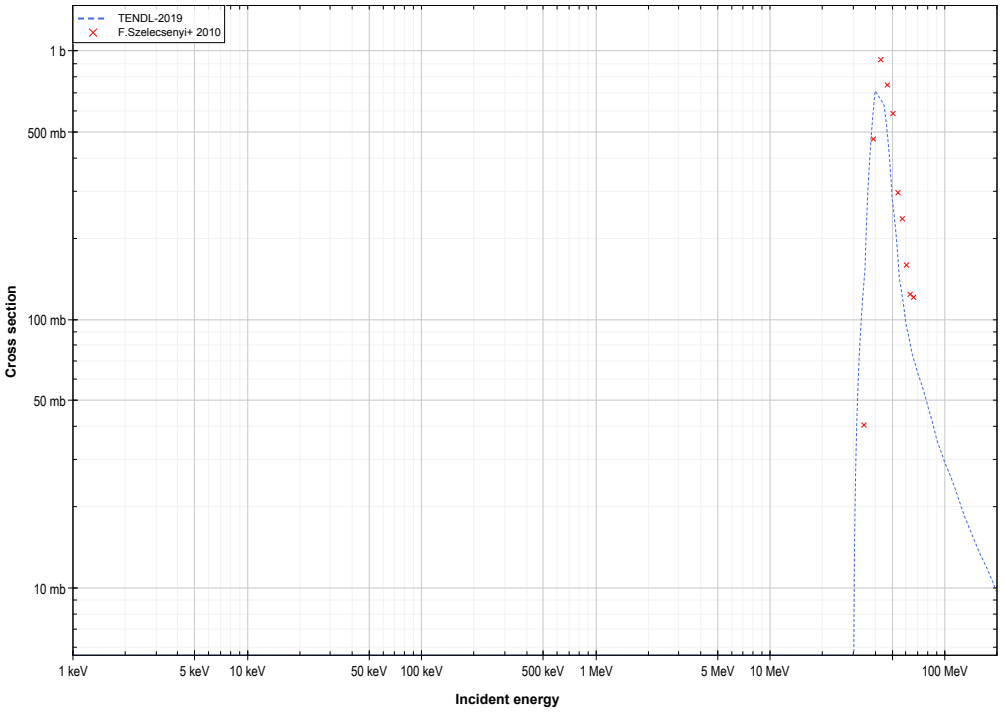
Os192 (p,d) or Os191 production lin-log



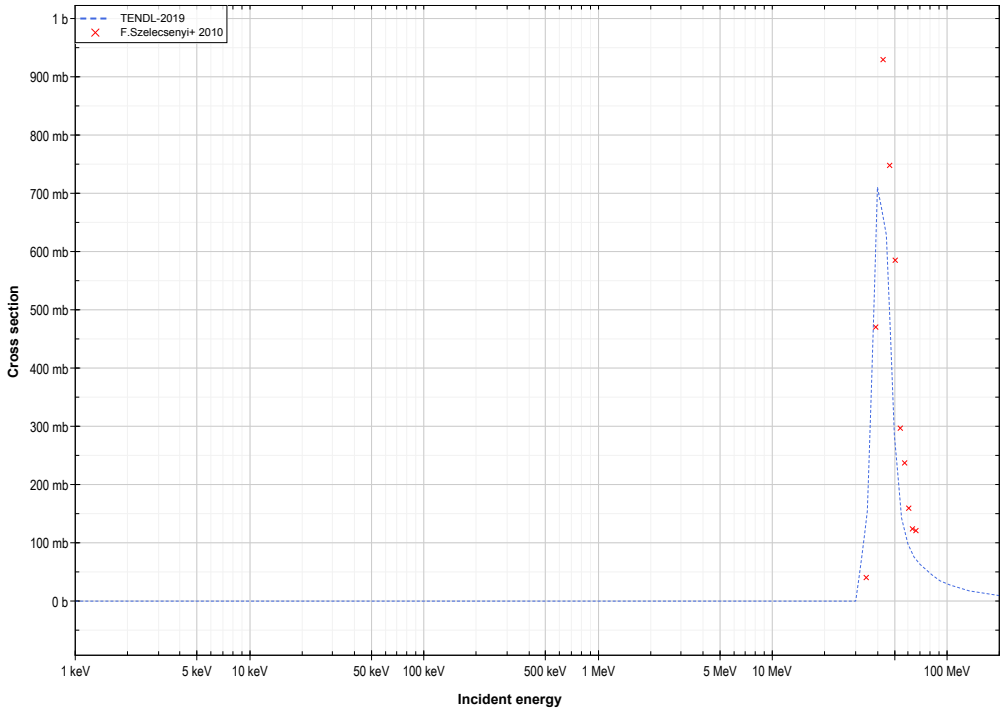
Reaction	Q-Value
Os192(p,d)Os191	-5333.75 keV
Os192(p,n+p)Os191	-7558.32 keV

<< 73-Ta-181	**76-Os-192**	79-Au-197 >>
<< MT104 (p,d)	**MT152 (p,5n) or MT5 (Ir188 production)**	MT153 (p,6n) >>

Os192 (p,5n) or Ir188 production log-log



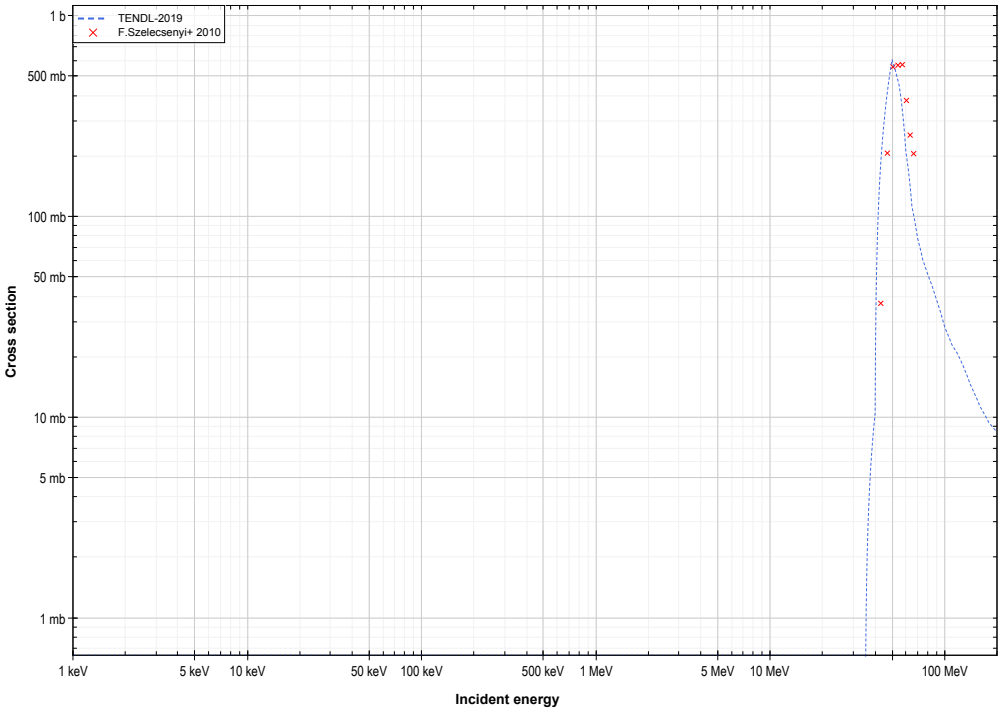
Os192 (p,5n) or Ir188 production lin-log



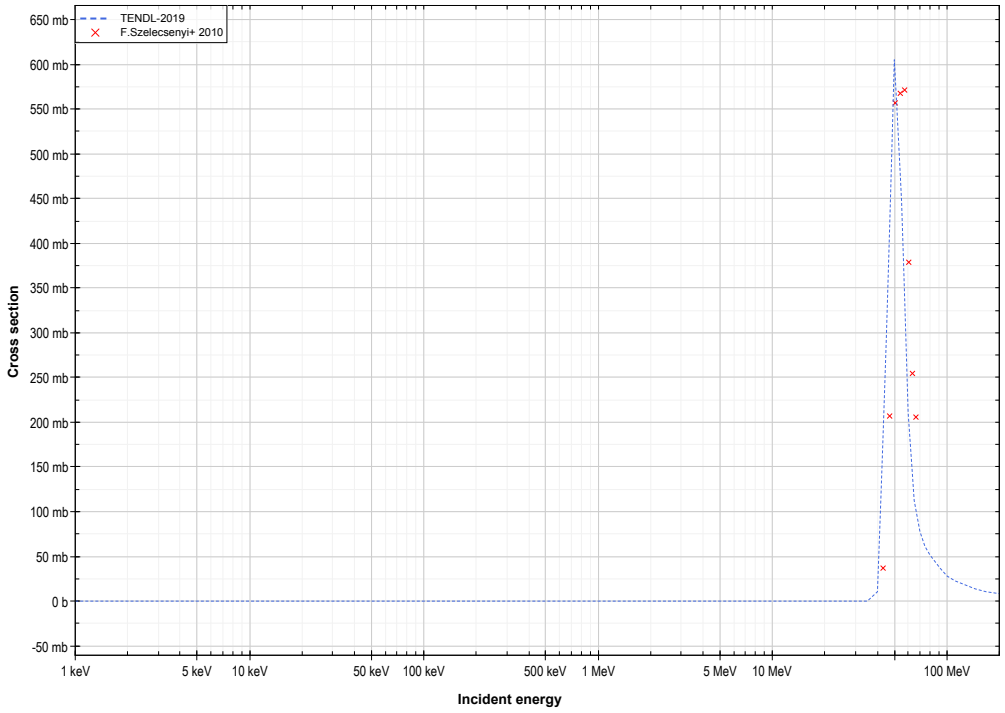
Reaction	Q-Value
Os192(p,5n)Ir188	-30604.81 keV

<< 67-Ho-165	**76-Os-192**	79-Au-197 >>
<< MT152 (p,5n)	**MT153 (p,6n) or MT5 (Ir187 production)**	MT160 (p,7n) >>

Os192 (p,6n) or Ir187 production log-log



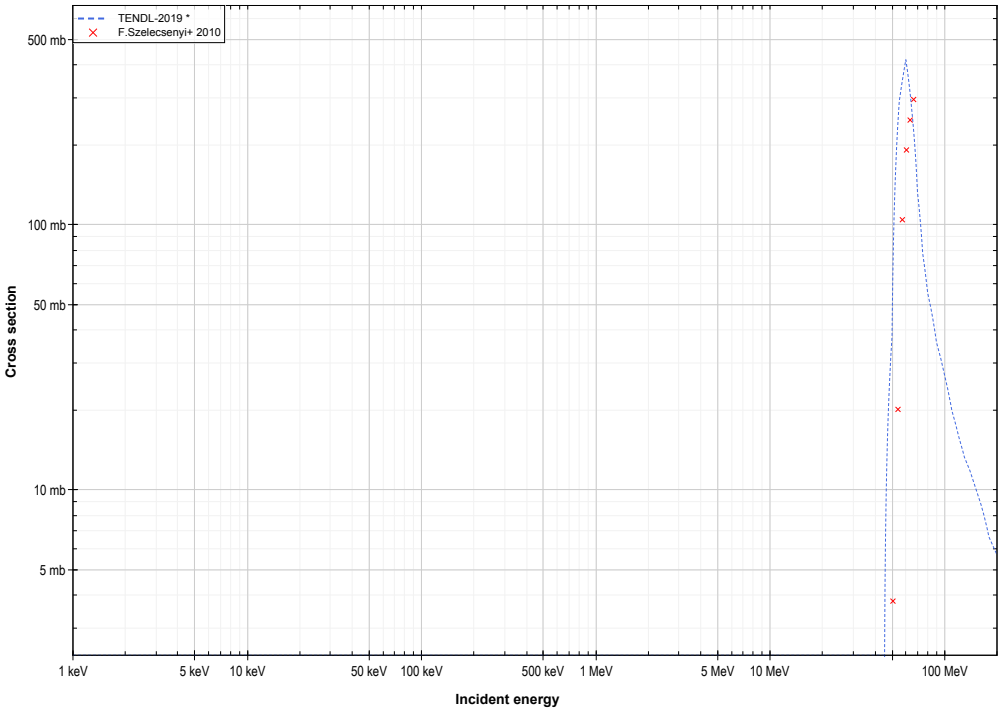
Os192 (p,6n) or Ir187 production lin-log



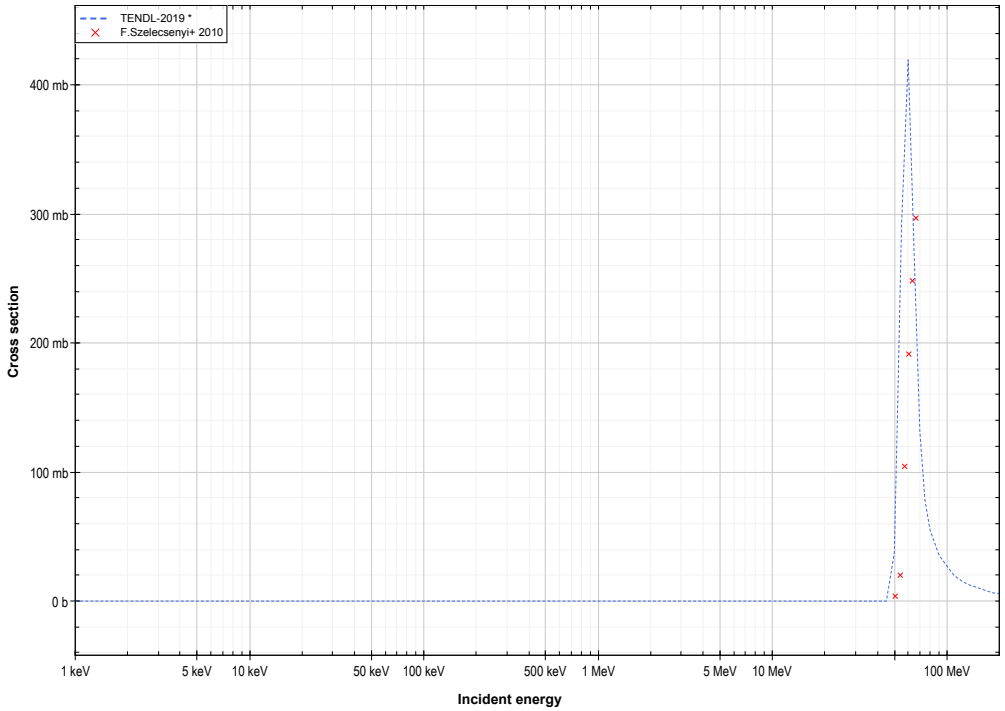
Reaction	Q-Value
Os192(p,6n)Ir187	-37472.13 keV

<< 65-Tb-159	**76-Os-192**	79-Au-197 >>
<< MT153 (p,6n)	**MT160 (p,7n) or MT5 (Ir186 production)**	MT178 (p,4n+^{3}He) >>

Os192 (p,7n) or Ir186 production log-log



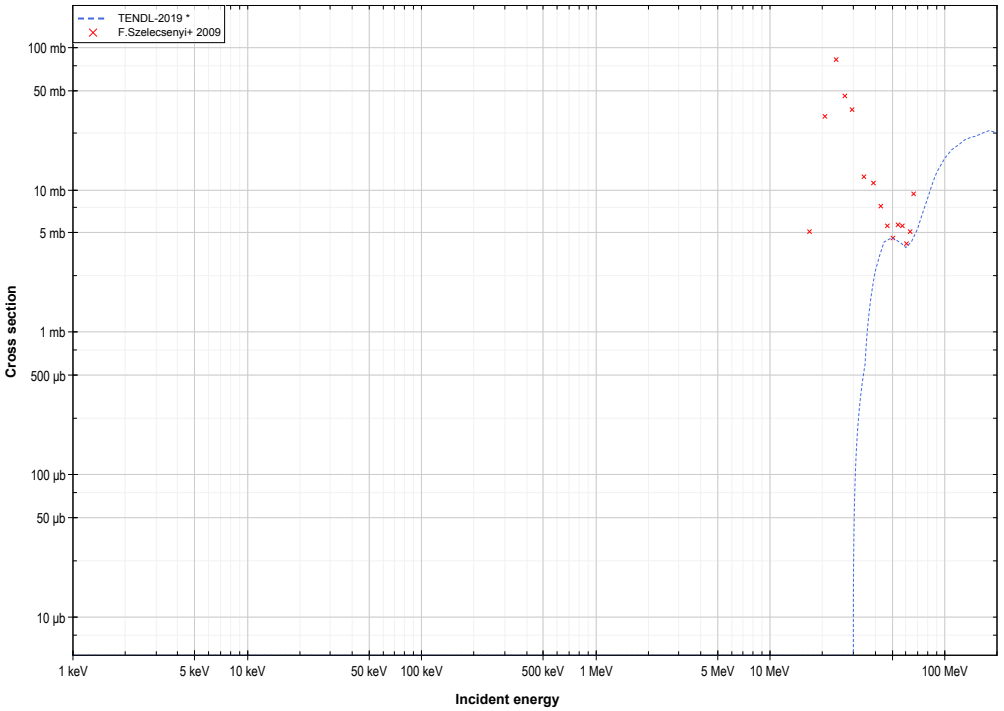
Os192 (p,7n) or Ir186 production lin-log



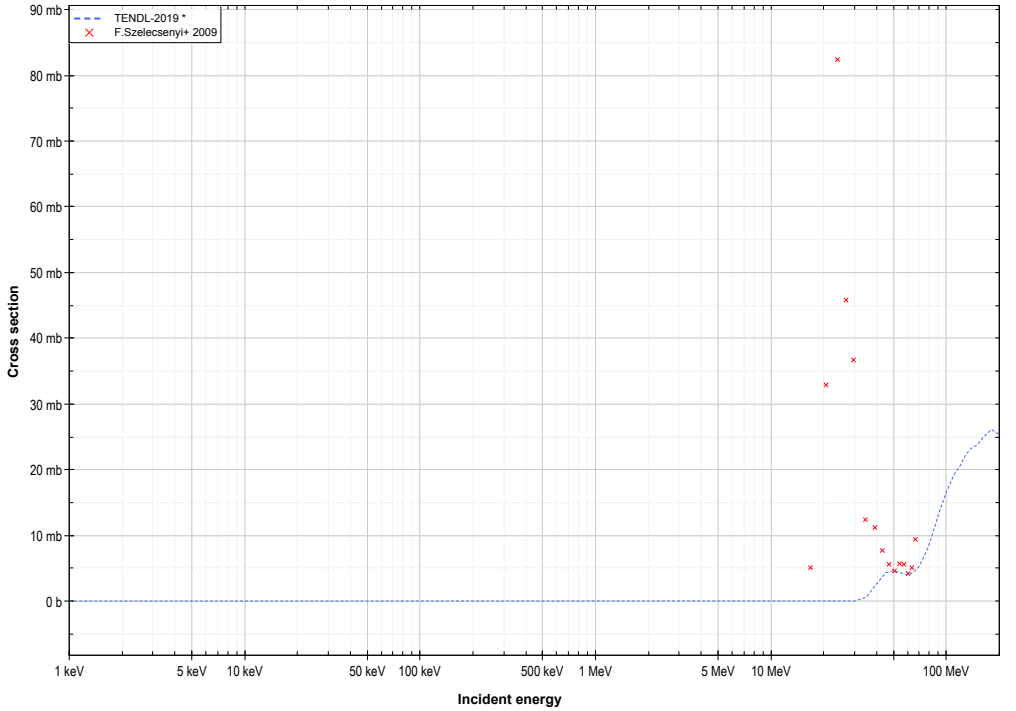
Reaction	Q-Value
Os192(p,7n)Ir186	-45920.45 keV

<< 53-I-127	**76-Os-192**	80-Hg-202 >>
<< MT160 (p,7n)	**MT178 (p,4n+^{3}He) or MT5 (Re186 production)**	MT200 (p,5n+2p) >>

Os192 (p,4n+^{3}He) or Re186 production log-log



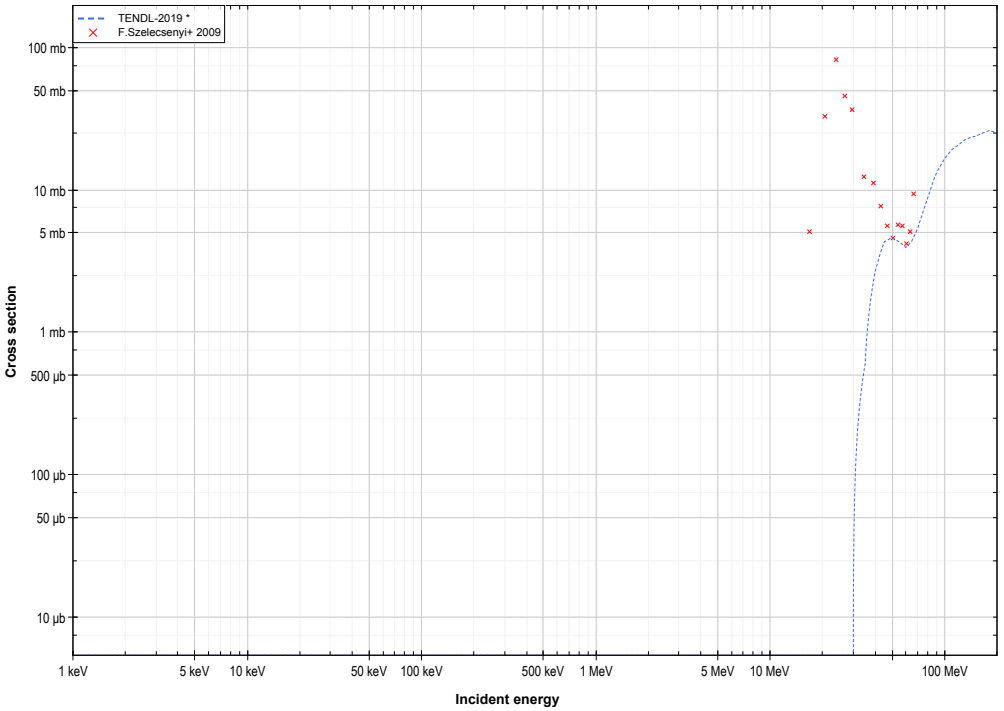
Os192 (p,4n+^{3}He) or Re186 production lin-log



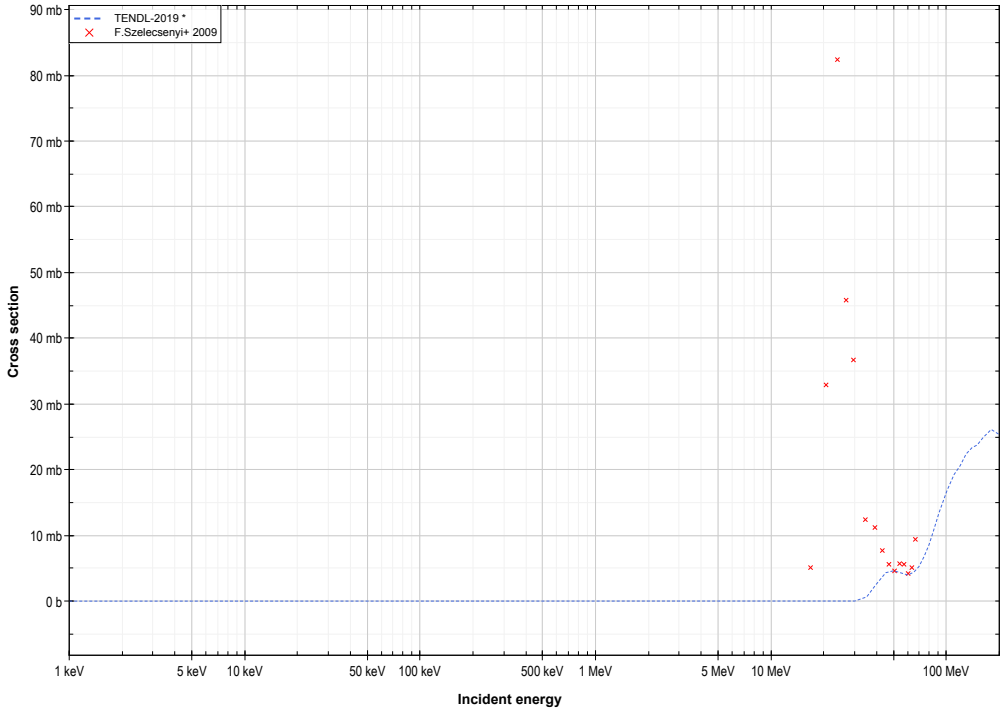
Reaction	Q-Value
Os192(p,3n+α)Re186	-13305.00 keV
Os192(p,n+2t)Re186	-24637.07 keV
Os192(p,2n+d+t)Re186	-30894.30 keV
Os192(p,3n+p+t)Re186	-33118.86 keV
Os192(p,4n+He3)Re186	-33882.62 keV
Os192(p,3n+2d)Re186	-37151.52 keV
Os192(p,4n+p+d)Re186	-39376.09 keV
Os192(p,5n+2p)Re186	-41600.66 keV

<< 53-I-127	**76-Os-192**	80-Hg-202 >>
<< MT178 (p,4n+³He)	**MT200 (p,5n+2p) or MT5 (Re186 production)**	78-Pt-194 MT18 (p,fission) >>

Os192 (p,5n+2p) or Re186 production log-log



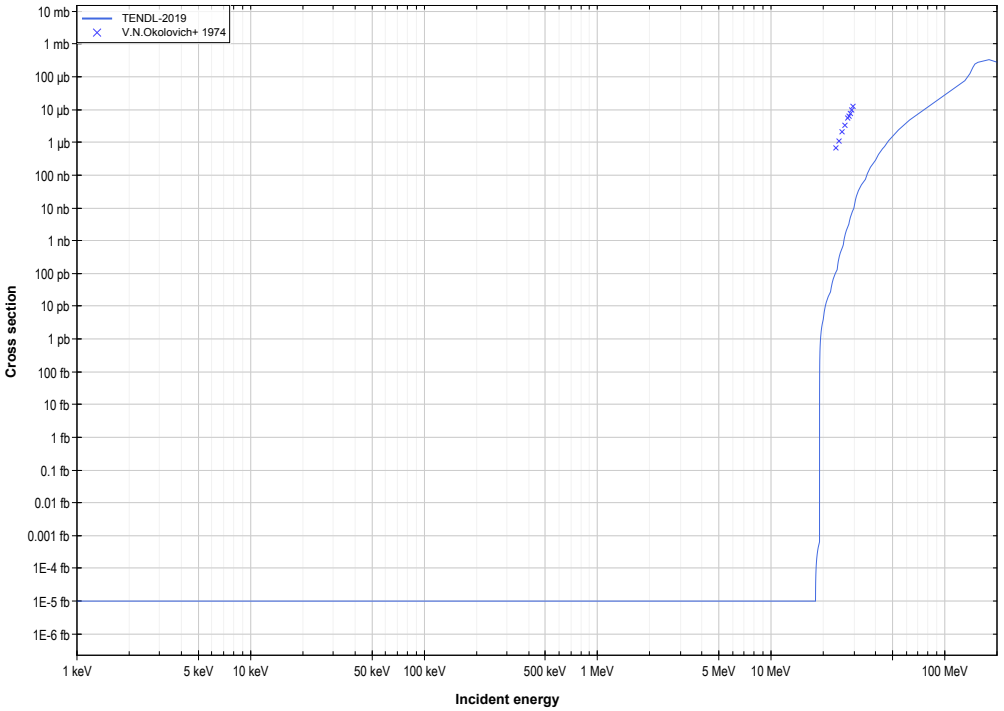
Os192 (p,5n+2p) or Re186 production lin-log



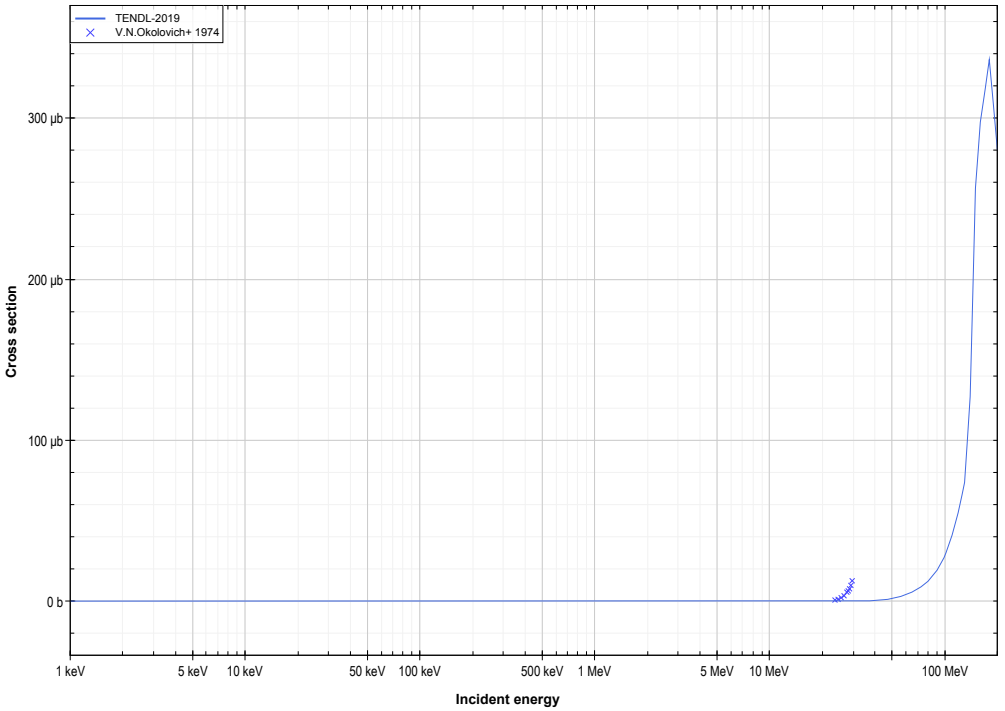
Reaction	Q-Value
Os192(p,3n+α)Re186	-13305.00 keV
Os192(p,n+2t)Re186	-24637.07 keV
Os192(p,2n+d+t)Re186	-30894.30 keV
Os192(p,3n+p+t)Re186	-33118.86 keV
Os192(p,4n+He3)Re186	-33882.62 keV
Os192(p,3n+2d)Re186	-37151.52 keV
Os192(p,4n+p+d)Re186	-39376.09 keV
Os192(p,5n+2p)Re186	-41600.66 keV

<< 76-Os-190	**78-Pt-194**	78-Pt-195 >>
<< 76-Os-192 MT200 (p,5n+2p)	**MT18 (p,fission)**	78-Pt-195 MT18 (p,fission) >>

Pt194 (p,fission) log-log

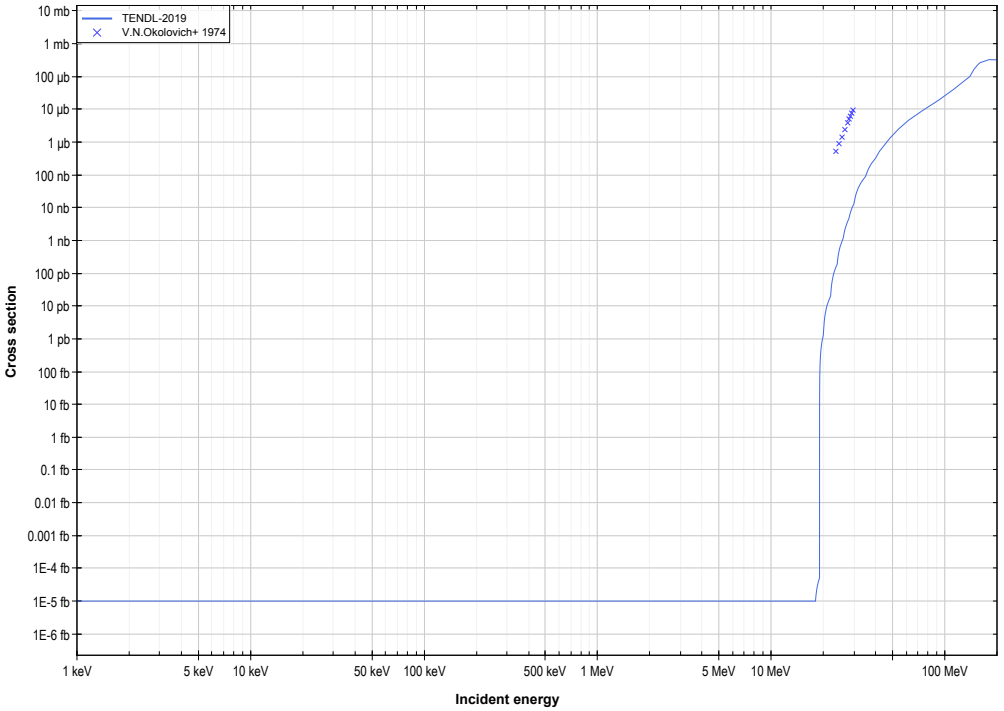


Pt194 (p,fission) lin-log

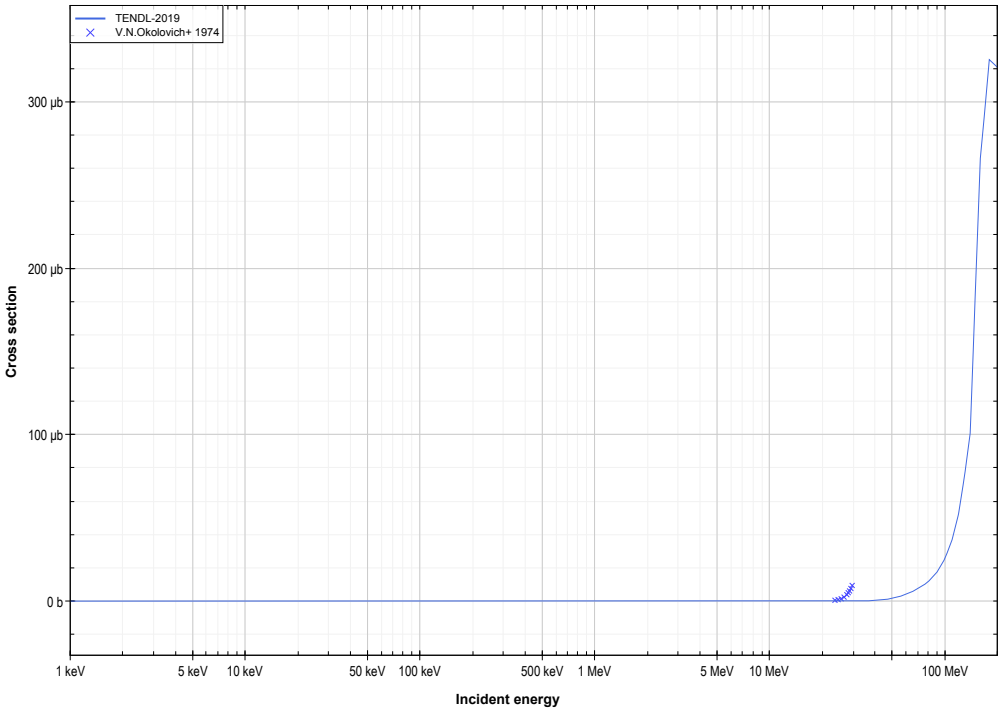


<< 78-Pt-194	**78-Pt-195**	78-Pt-196 >>
<< 78-Pt-194 MT18 (p,fission)	**MT18 (p,fission)**	78-Pt-196 MT18 (p,fission) >>

Pt195 (p,fission) log-log

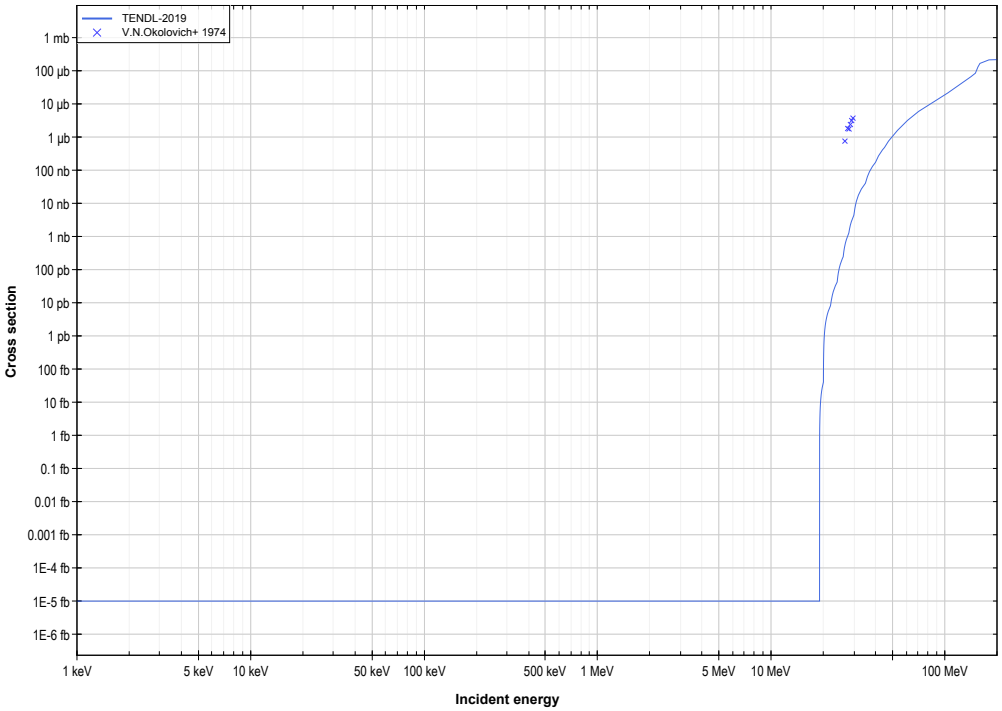


Pt195 (p,fission) lin-log

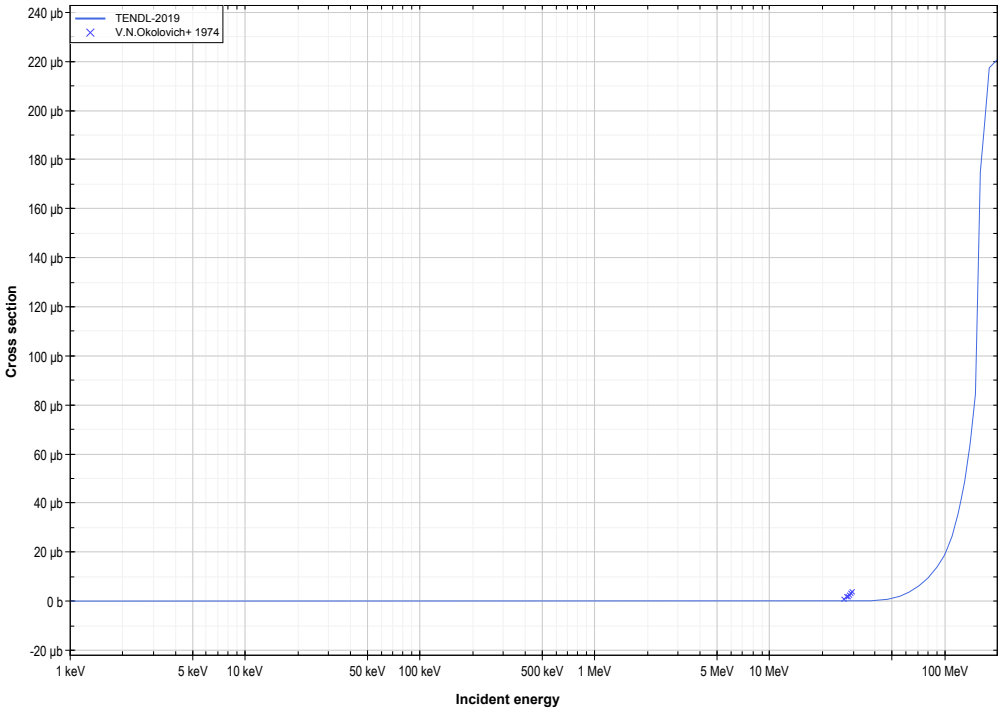


<< 78-Pt-195	**78-Pt-196**	79-Au-197 >>
<< 78-Pt-195 MT18 (p,fission)	**MT18 (p,fission)**	78-Pt-198 MT4 (p,n) >>

Pt196 (p,fission) log-log

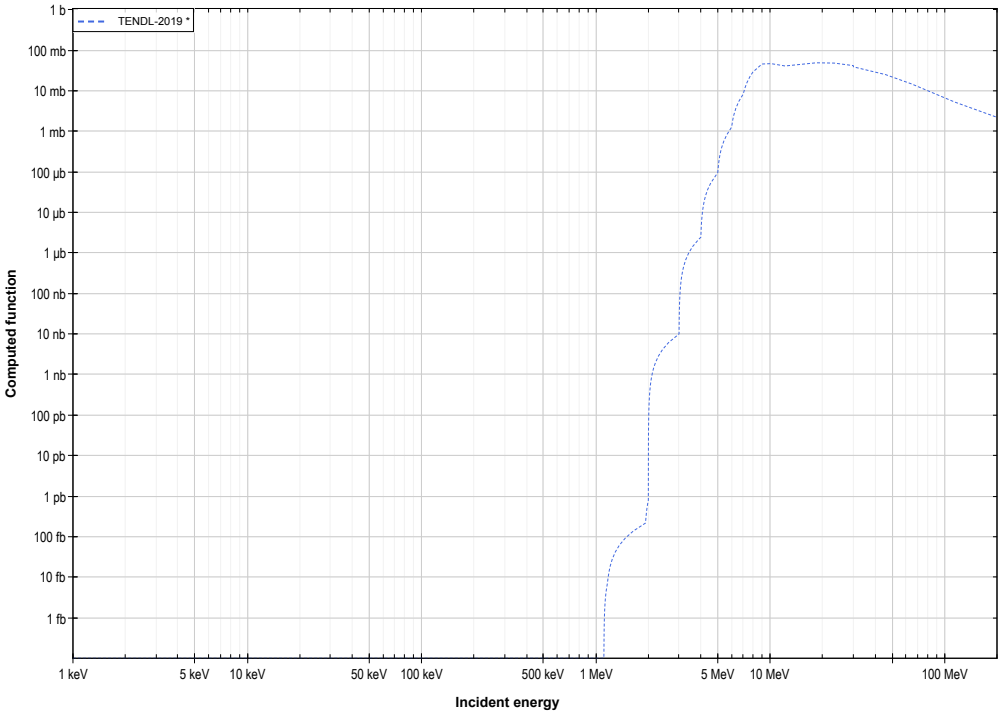


Pt196 (p,fission) lin-log

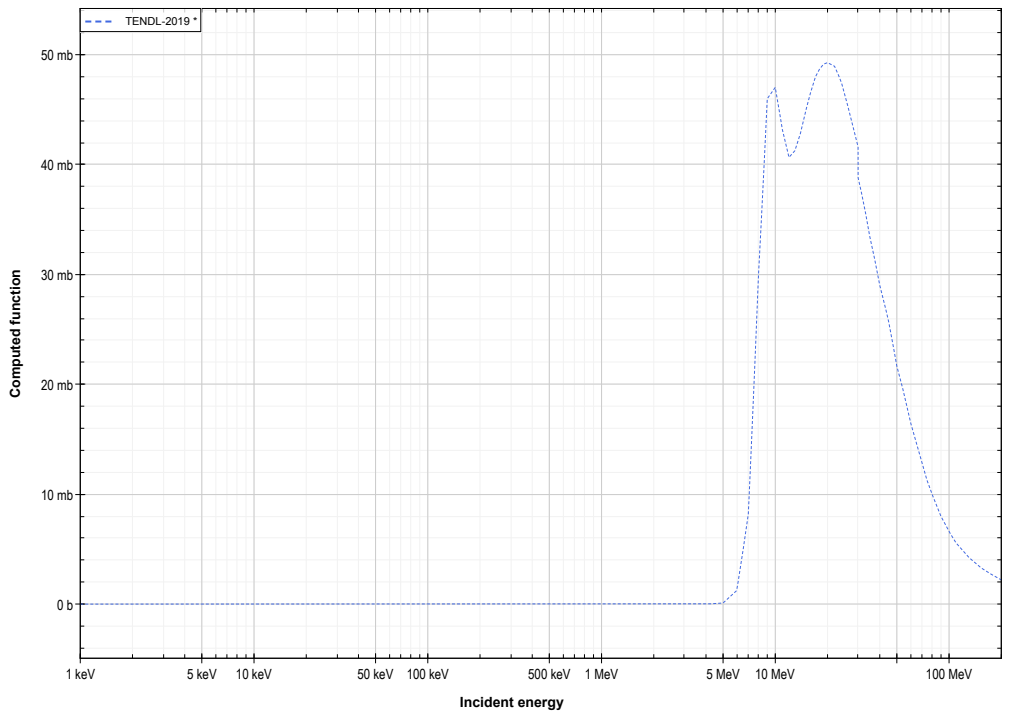


<< 76-Os-192	**78-Pt-198**	79-Au-197 >>
<< 78-Pt-196 MT18 (p,fission)	**MT4 (p,n) or MT5 (Au198 production)**	79-Au-197 MT4 (p,n) >>

Pt198 (p,n) or Au198 production log-log



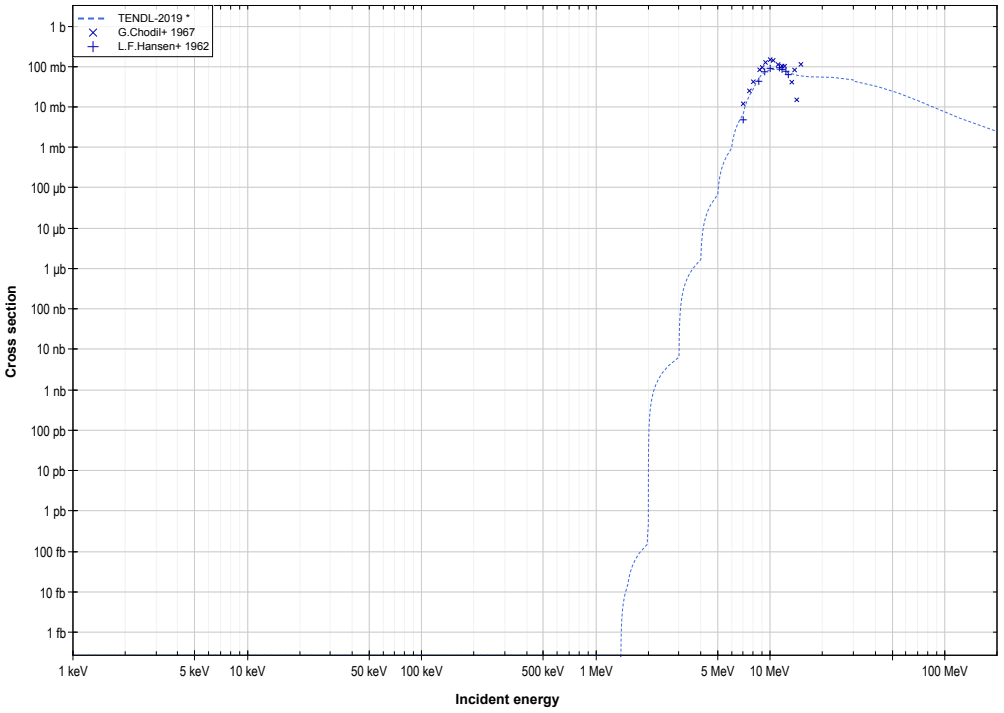
Pt198 (p,n) or Au198 production lin-log



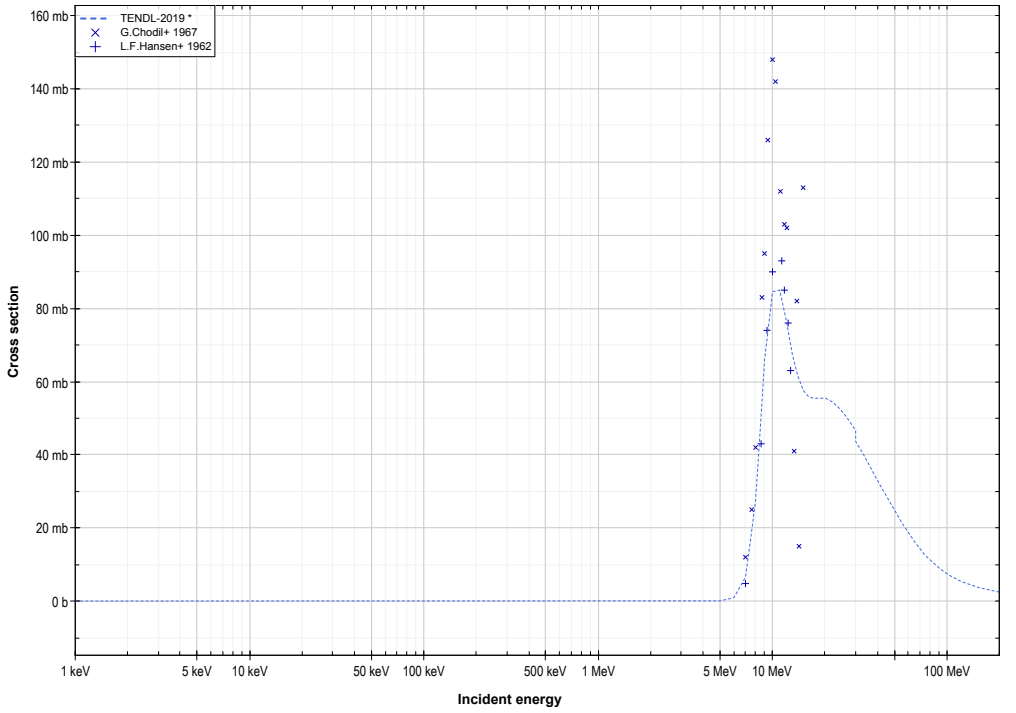
Reaction	Q-Value
Pt198(p,n)Au198	-1105.55 keV

<< 78-Pt-198	**79-Au-197**	80-Hg-202 >>
<< 78-Pt-198 MT4 (p,n)	**MT4 (p,n) or MT5 (Hg197 production)**	MT11 (p,2n+d) >>

Au197 (p,n) or Hg197 production log-log



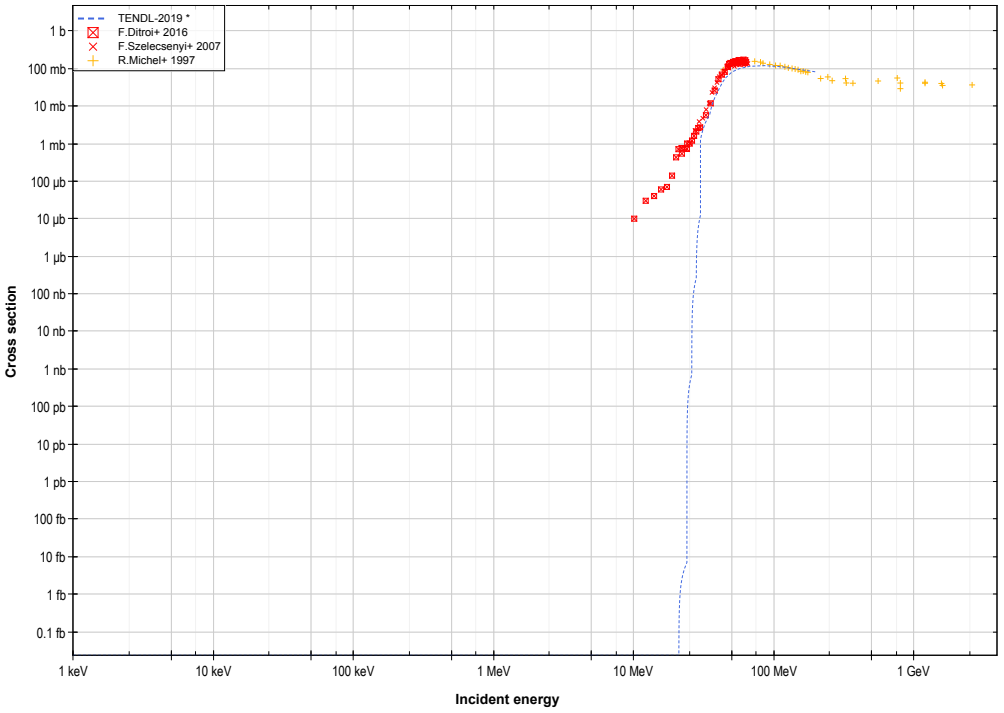
Au197 (p,n) or Hg197 production lin-log



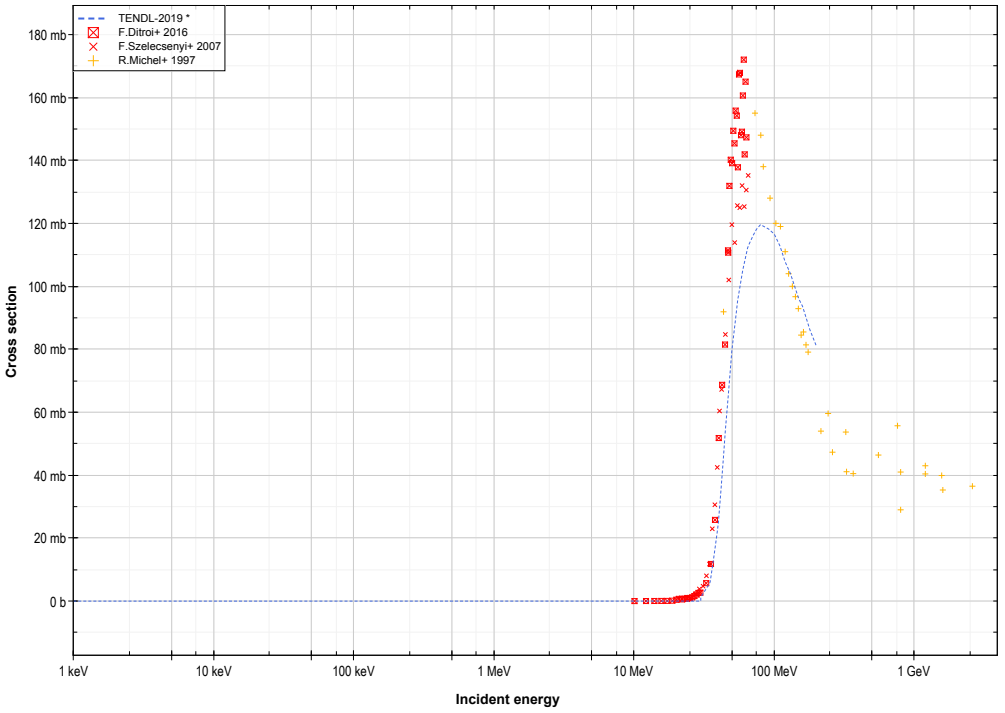
Reaction	Q-Value
Au197(p,n)Hg197	-1382.05 keV

<< 65-Tb-159	**79-Au-197**	90-Th-232 >>
<< MT4 (p,n)	**MT11 (p,2n+d) or MT5 (Au194 production)**	MT16 (p,2n) >>

Au197 (p,2n+d) or Au194 production log-log



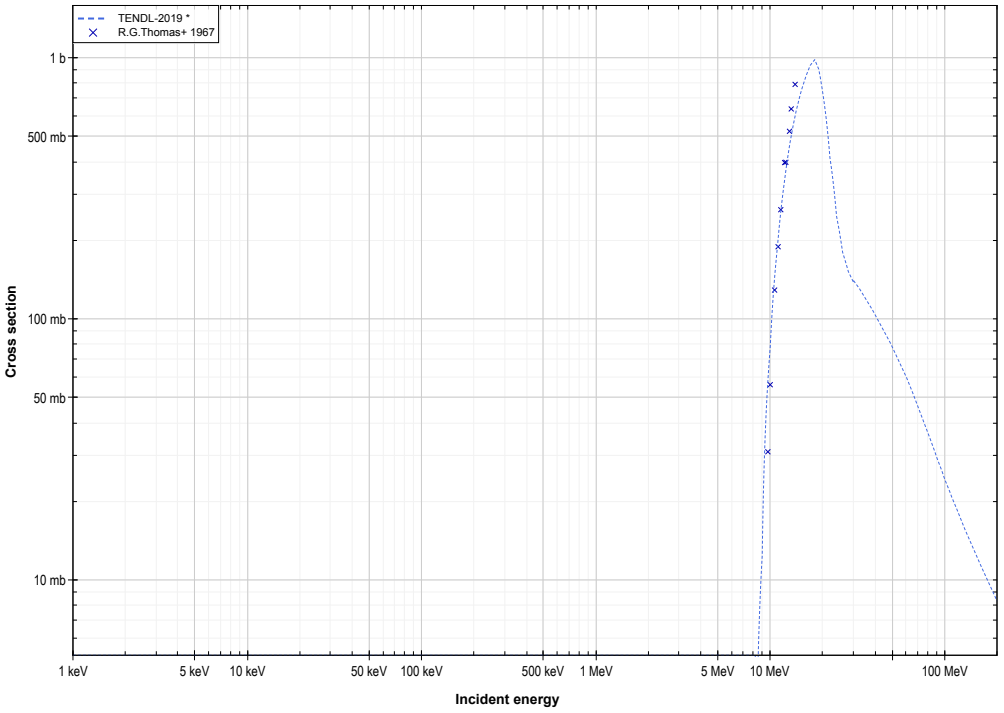
Au197 (p,2n+d) or Au194 production lin-log



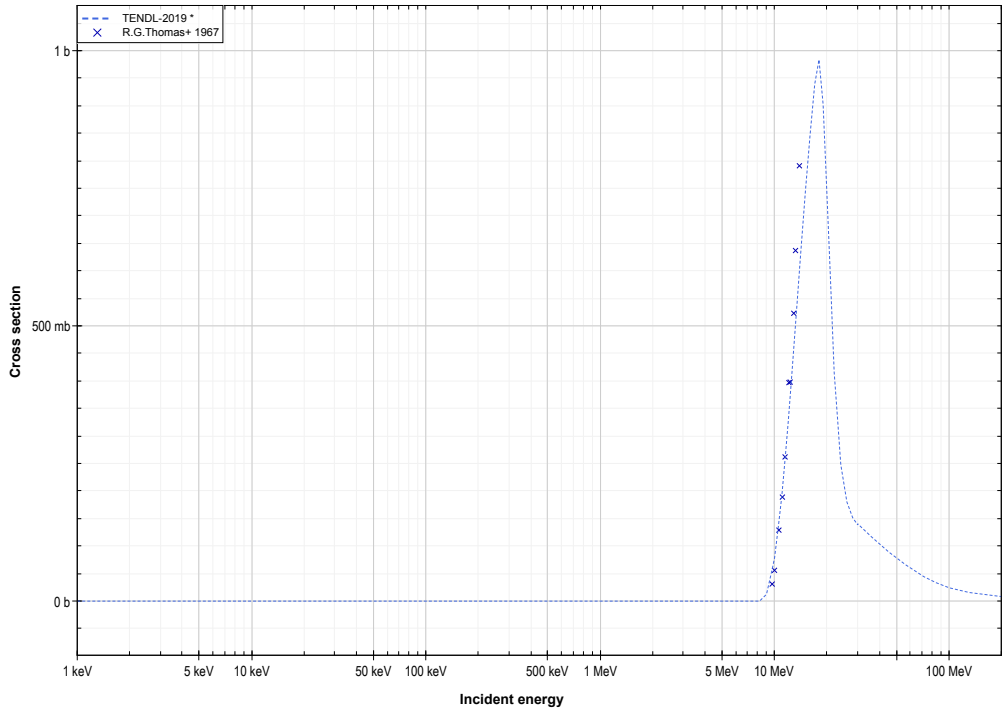
Reaction	Q-Value
Au197(p,n+t)Au194	-14659.96 keV
Au197(p,2n+d)Au194	-20917.19 keV
Au197(p,3n+p)Au194	-23141.75 keV

<< 74-W-182	**79-Au-197**	80-Hg-202 >>
<< MT11 (p,2n+d)	**MT16 (p,2n) or MT5 (Hg196 production)**	MT17 (p,3n) >>

Au197 (p,2n) or Hg196 production log-log



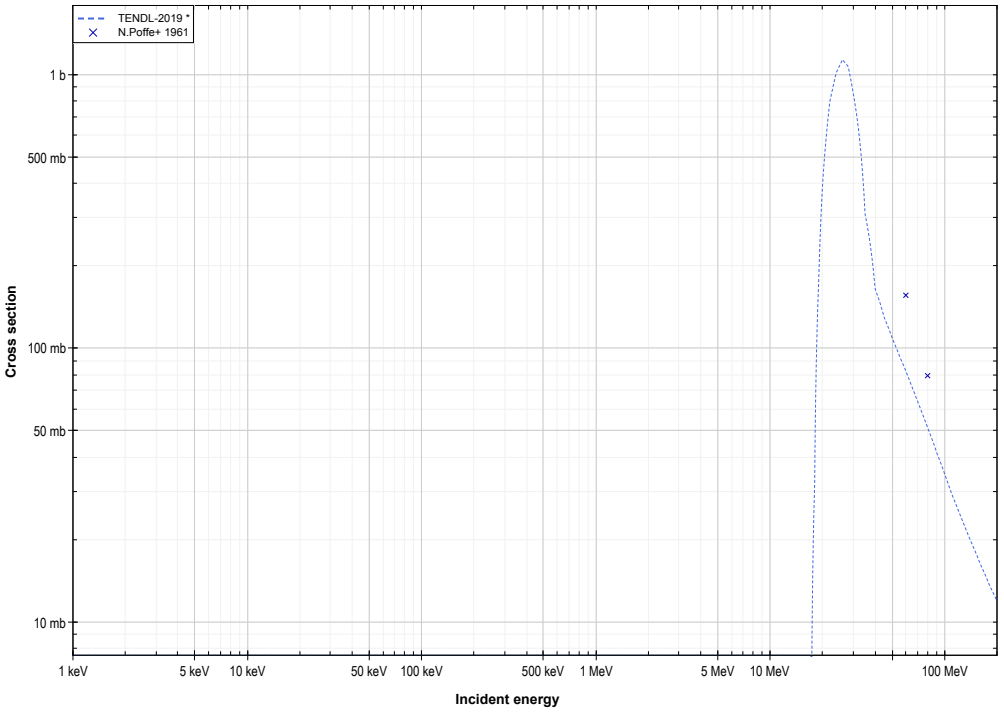
Au197 (p,2n) or Hg196 production lin-log



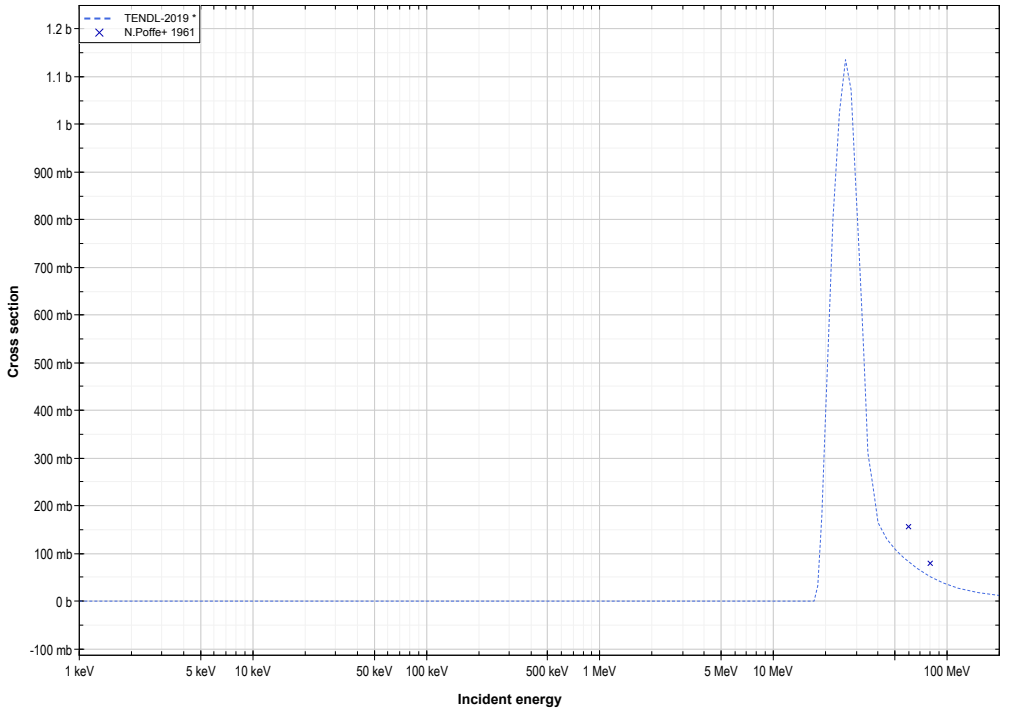
Reaction	Q-Value
Au197(p,2n)Hg196	-8167.46 keV

<< 76-Os-192	**79-Au-197**	81-Tl-203 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Hg195 production)**	MT18 (p,fission) >>

Au197 (p,3n) or Hg195 production log-log



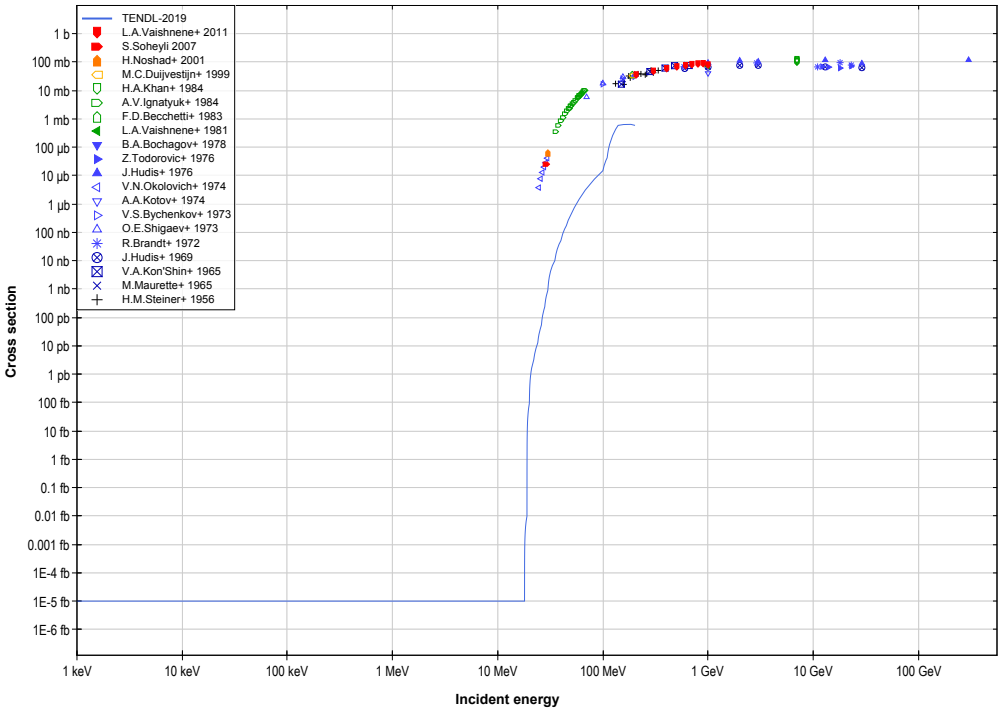
Au197 (p,3n) or Hg195 production lin-log



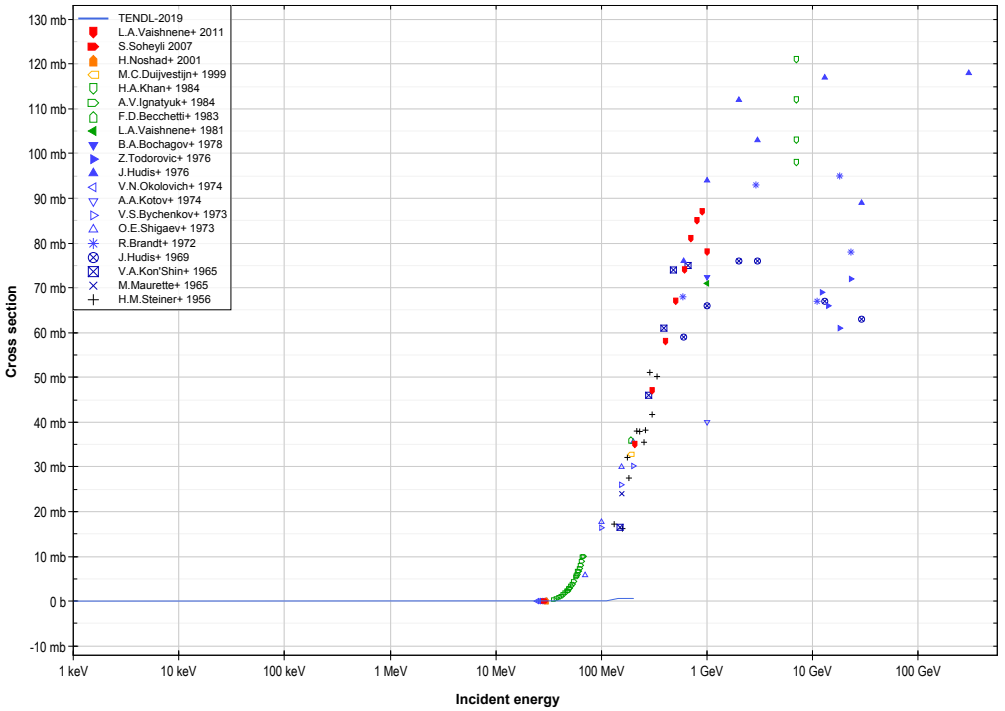
Reaction	Q-Value
Au197(p,3n)Hg195	-17051.68 keV

<< 78-Pt-196	**79-Au-197**	81-Tl-203 >>
<< MT17 (p,3n)	**MT18 (p,fission)**	MT28 (p,n+p) >>

Au197 (p,fission) log-log

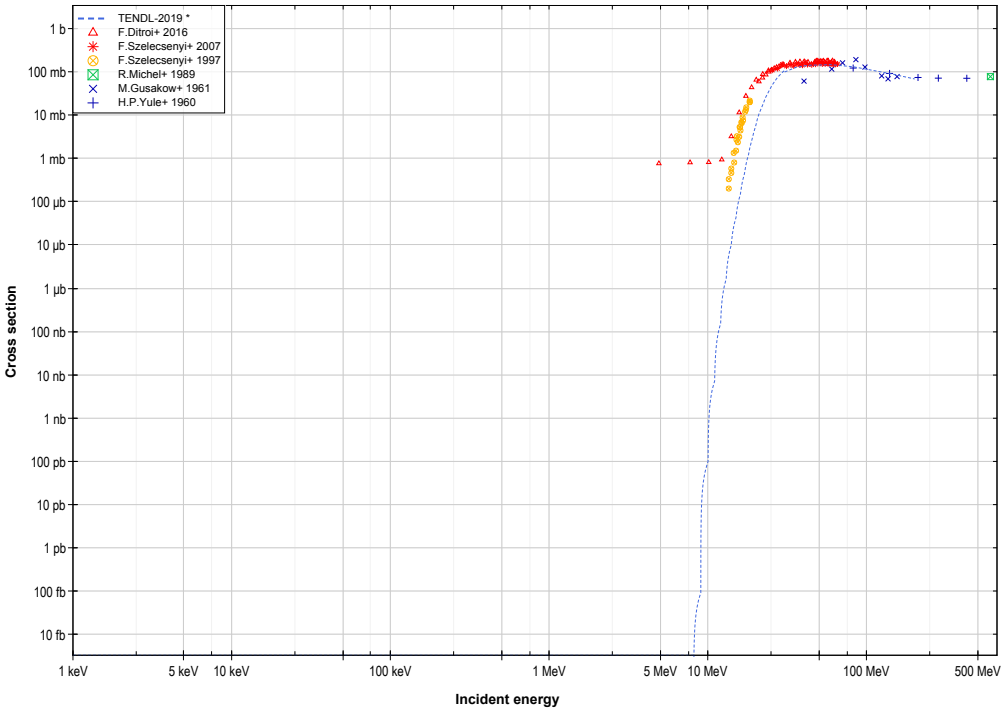


Au197 (p,fission) lin-log

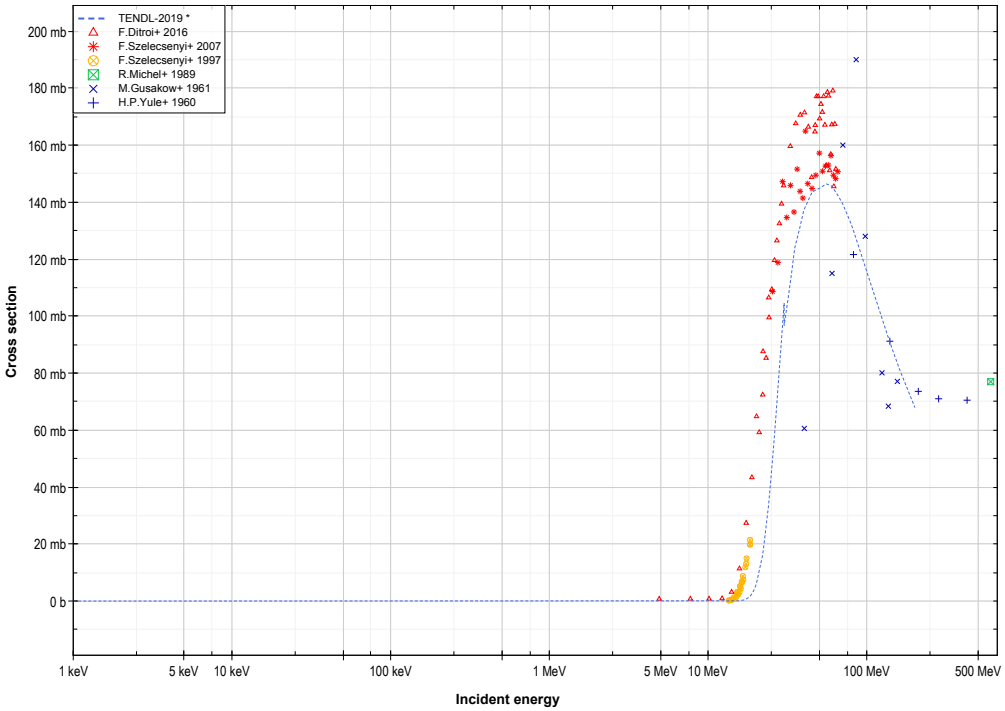


<< 76-Os-192	**79-Au-197**	90-Th-232 >>
<< MT18 (p,fission)	**MT28 (p,n+p) or MT5 (Au196 production)**	MT32 (p,n+d) >>

Au197 (p,n+p) or Au196 production log-log



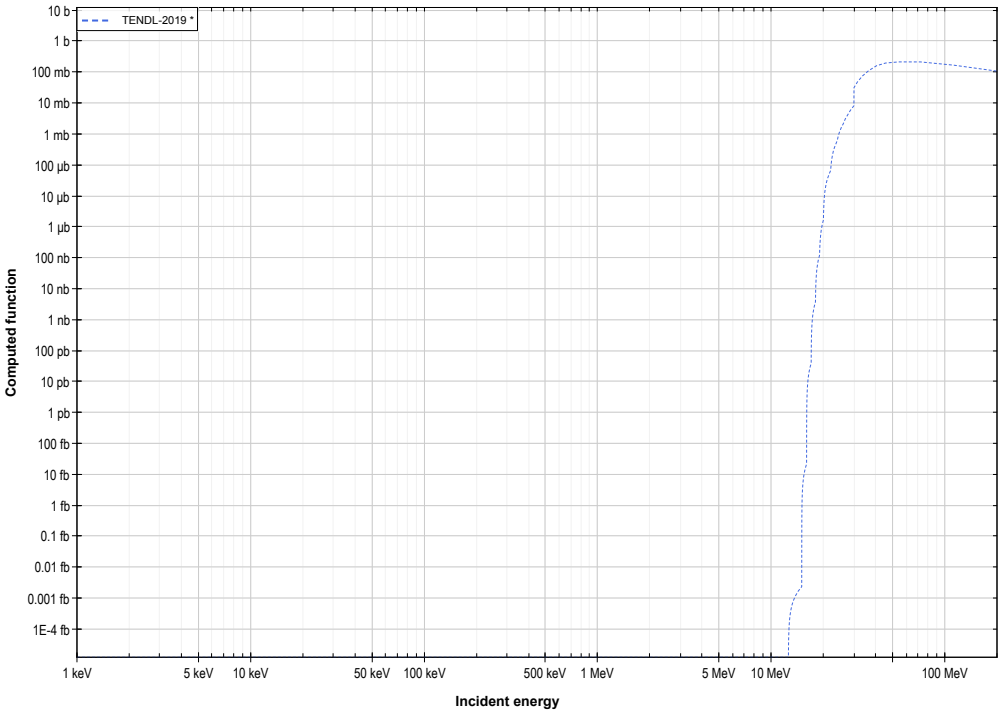
Au197 (p,n+p) or Au196 production lin-log



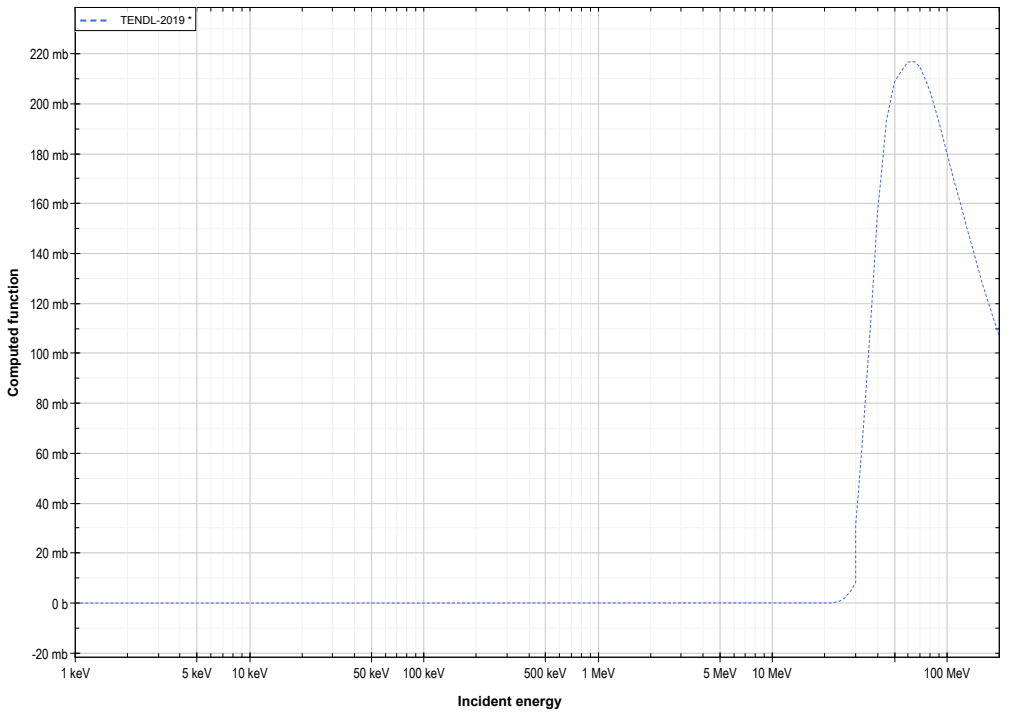
Reaction	Q-Value
Au197(p,d)Au196	-5847.75 keV
Au197(p,n+p)Au196	-8072.32 keV

<< 55-Cs-133	**79-Au-197**	
<< MT28 (p,n+p)	**MT32 (p,n+d) or MT5 (Au195 production)**	MT33 (p,n+t) >>

Au197 (p,n+d) or Au195 production log-log



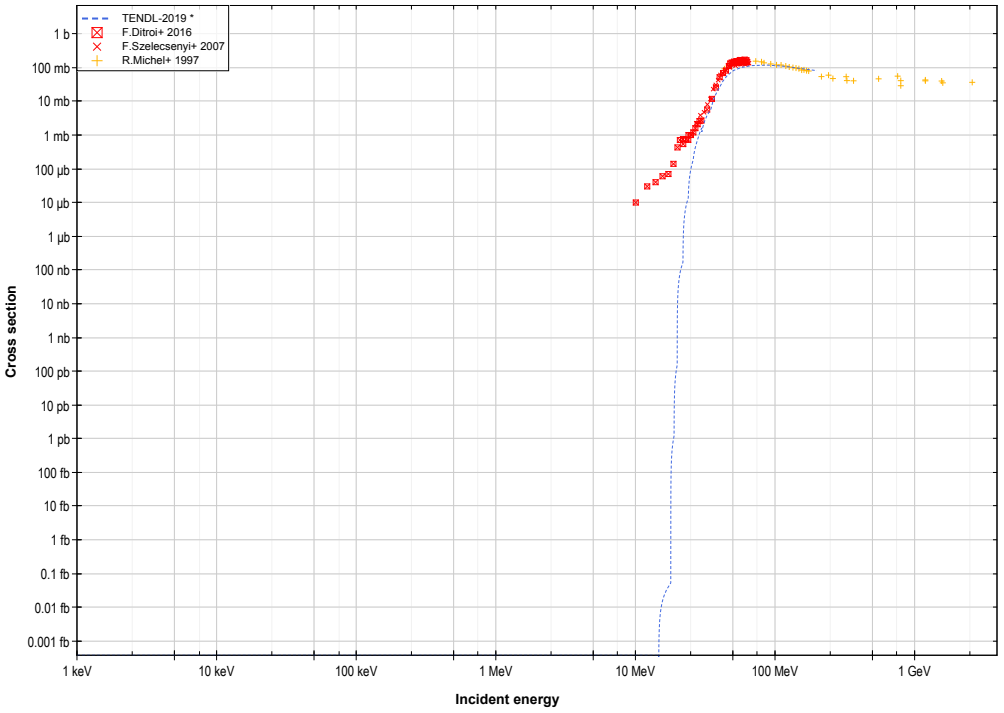
Au197 (p,n+d) or Au195 production lin-log



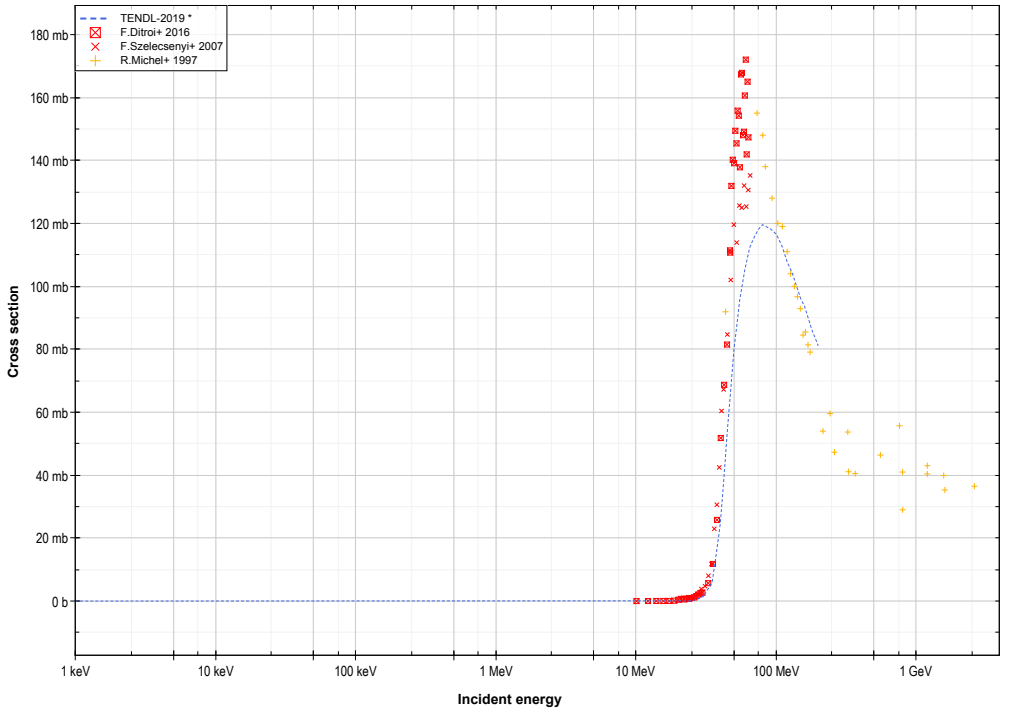
Reaction	Q-Value
Au197(p,t)Au195	-6233.54 keV
Au197(p,n+d)Au195	-12490.77 keV
Au197(p,2n+p)Au195	-14715.33 keV

<< 65-Tb-159	**79-Au-197**	90-Th-232 >>
<< MT32 (p,n+d)	**MT33 (p,n+t) or MT5 (Au194 production)**	MT37 (p,4n) >>

Au197 (p,n+t) or Au194 production log-log



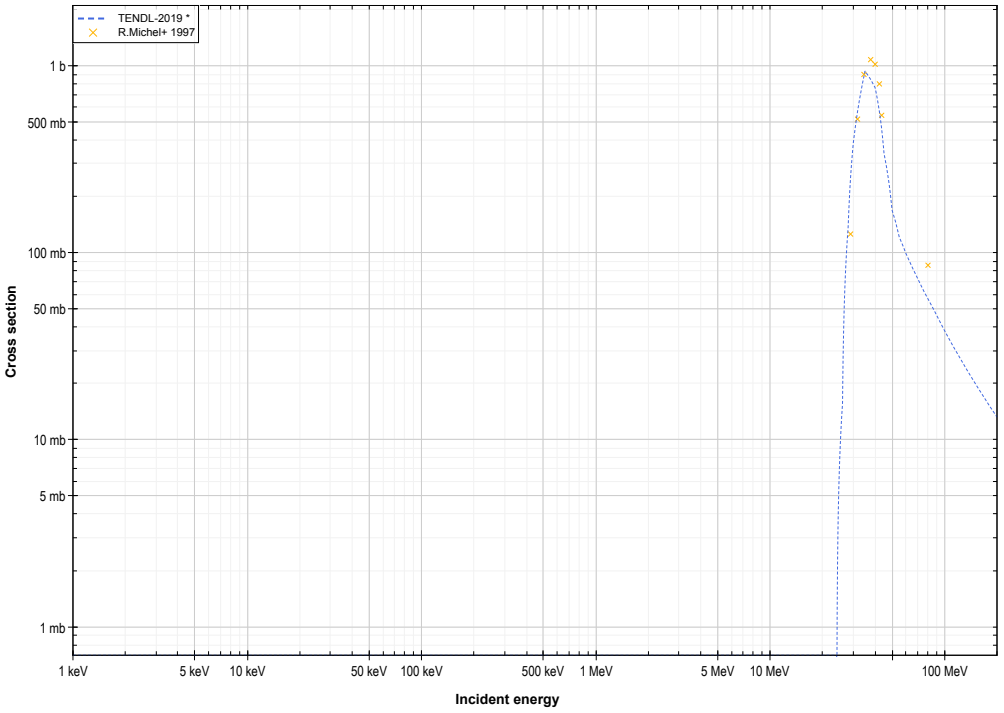
Au197 (p,n+t) or Au194 production lin-log



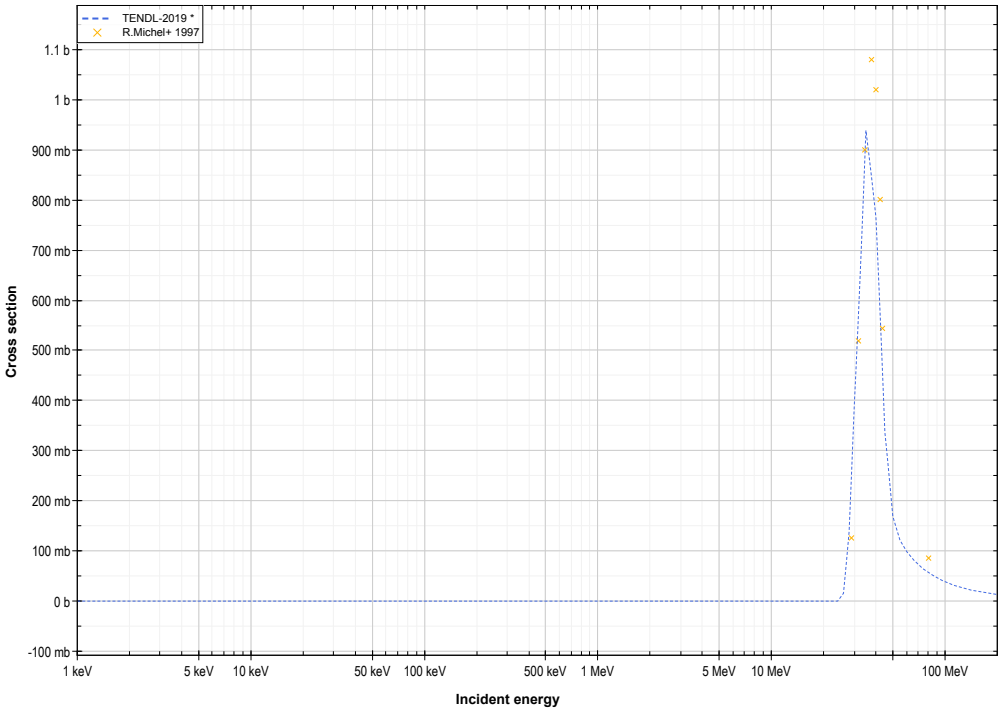
Reaction	Q-Value
Au197(p,n+t)Au194	-14659.96 keV
Au197(p,2n+d)Au194	-20917.19 keV
Au197(p,3n+p)Au194	-23141.75 keV

<< 76-Os-192	**79-Au-197**	81-Tl-203 >>
<< MT33 (p,n+t)	**MT37 (p,4n) or MT5 (Hg194 production)**	MT41 (p,2n+p) >>

Au197 (p,4n) or Hg194 production log-log



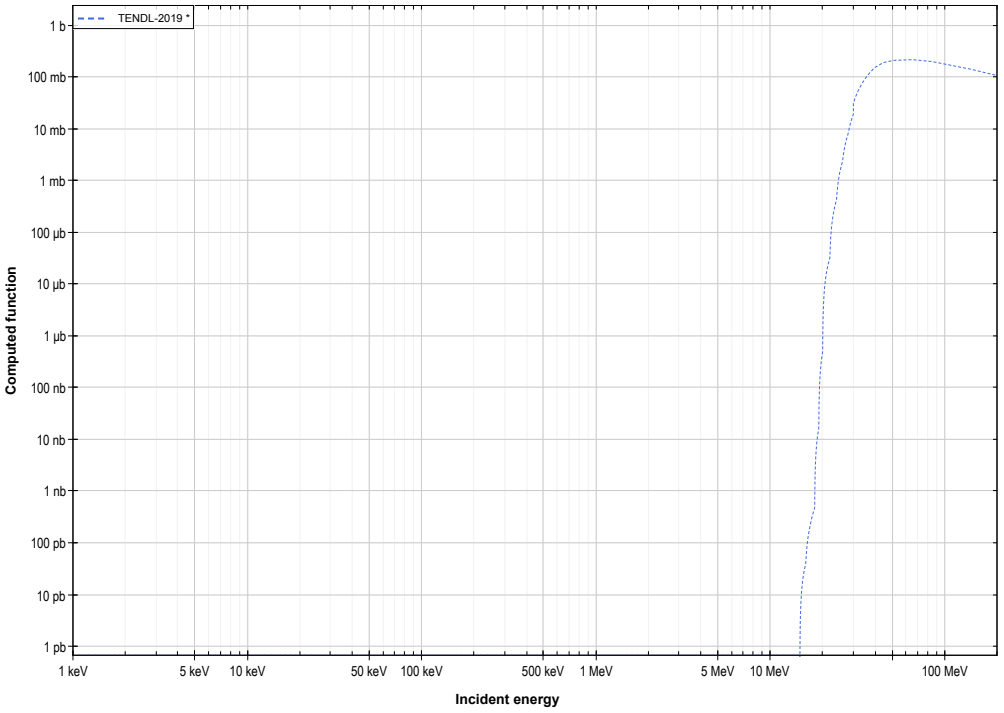
Au197 (p,4n) or Hg194 production lin-log



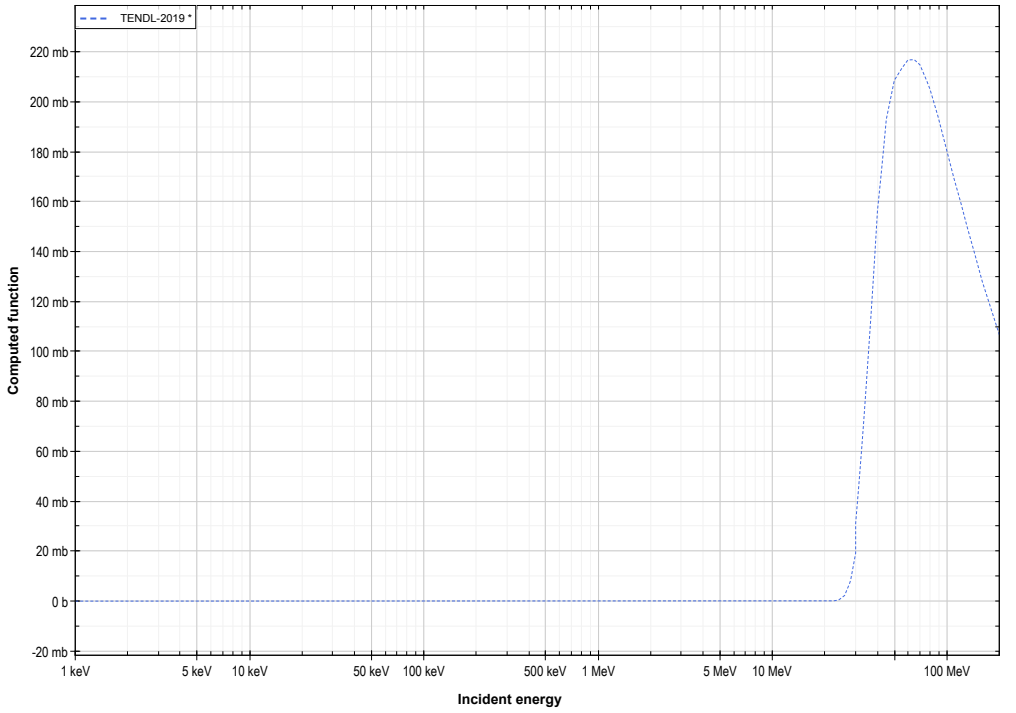
Reaction	Q-Value
Au197(p,4n)Hg194	-23952.10 keV

<< 55-Cs-133	**79-Au-197**	
<< MT37 (p,4n)	**MT41 (p,2n+p) or MT5 (Au195 production)**	MT42 (p,3n+p) >>

Au197 (p,2n+p) or Au195 production log-log



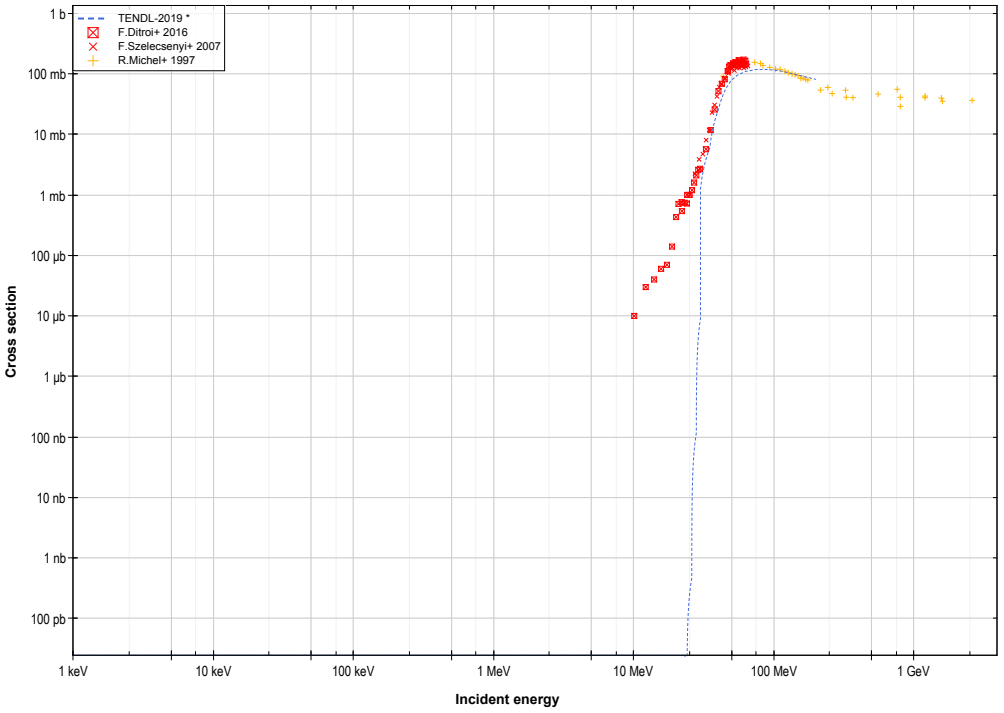
Au197 (p,2n+p) or Au195 production lin-log



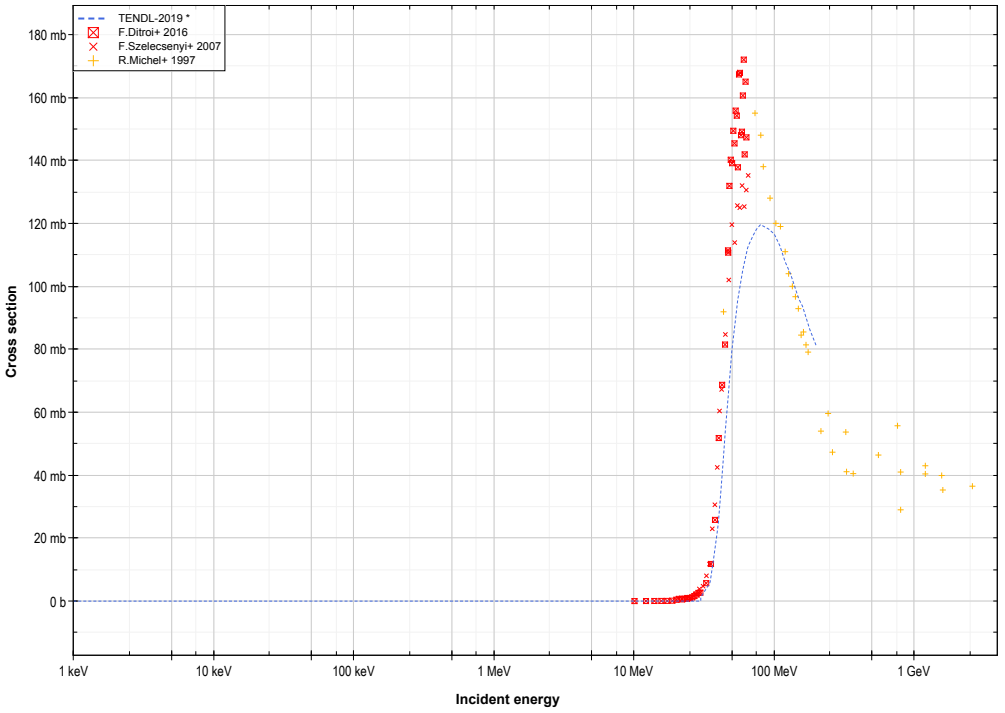
Reaction	Q-Value
Au197(p,t)Au195	-6233.54 keV
Au197(p,n+d)Au195	-12490.77 keV
Au197(p,2n+p)Au195	-14715.33 keV

<< 65-Tb-159	**79-Au-197**	90-Th-232 >>
<< MT41 (p,2n+p)	**MT42 (p,3n+p) or MT5 (Au194 production)**	MT45 (p,n+p+α) >>

Au197 (p,3n+p) or Au194 production log-log



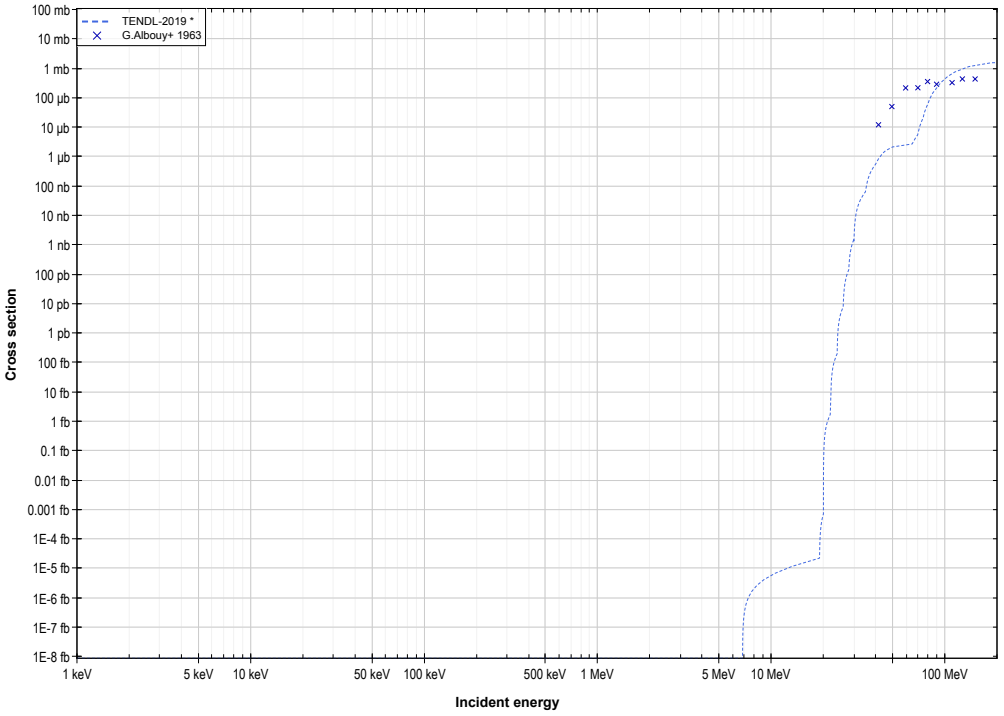
Au197 (p,3n+p) or Au194 production lin-log



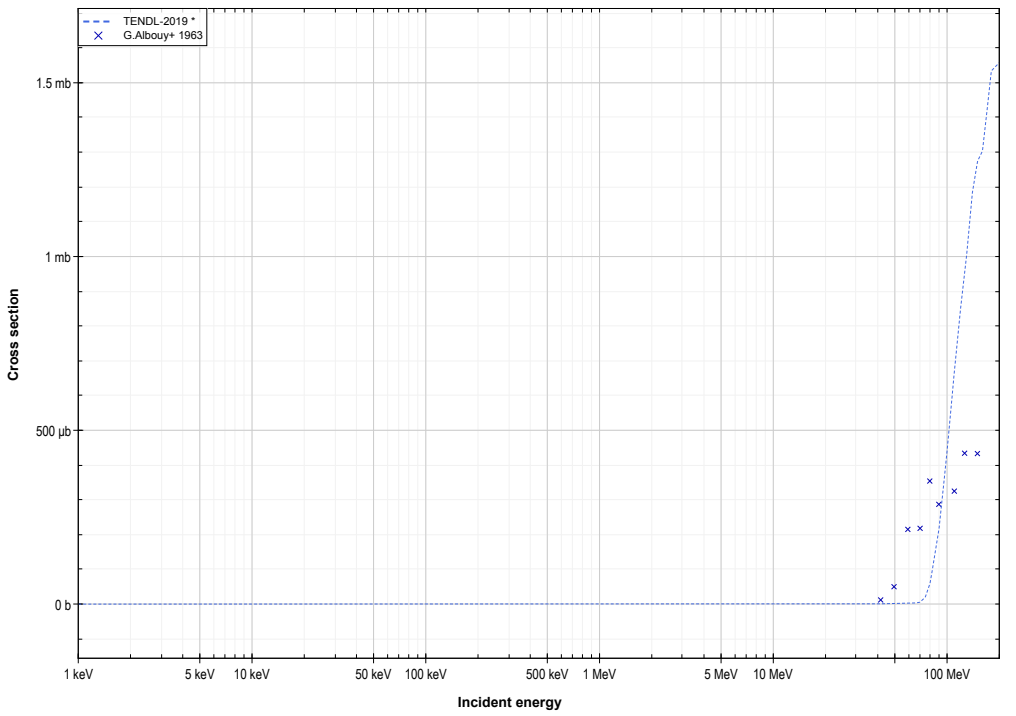
Reaction	Q-Value
Au197(p,n+t)Au194	-14659.96 keV
Au197(p,2n+d)Au194	-20917.19 keV
Au197(p,3n+p)Au194	-23141.75 keV

<< 57-La-139	**79-Au-197**	90-Th-232 >>
<< MT42 (p,3n+p)	**MT45 (p,n+p+α) or MT5 (Ir192 production)**	MT104 (p,d) >>

Au197 (p,n+p+α) or Ir192 production log-log



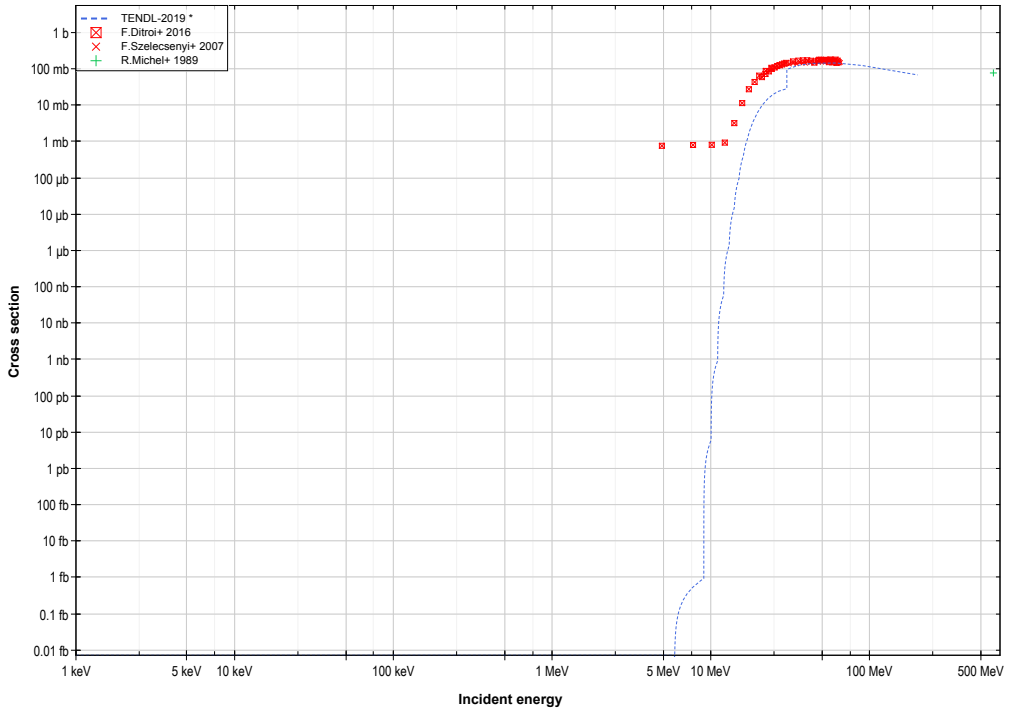
Au197 (p,n+p+α) or Ir192 production lin-log



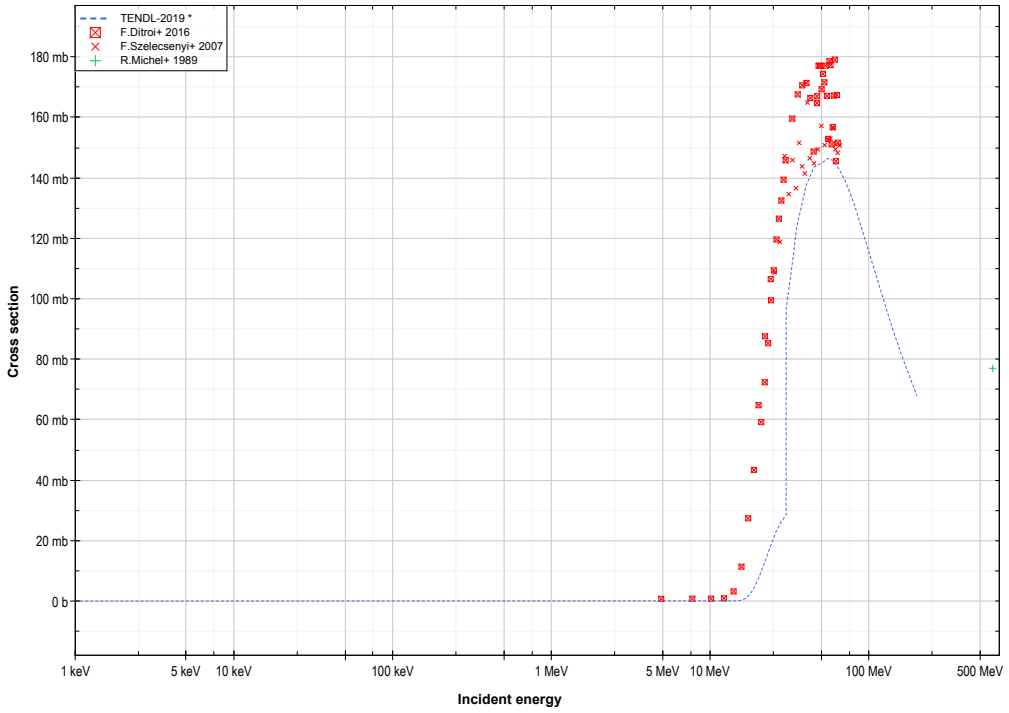
Reaction	Q-Value	Reaction	Q-Value
Au197(p,d+α)Ir192	-4575.77 keV	Au197(p,n+p+2d)Ir192	-30646.86 keV
Au197(p,n+p+α)Ir192	-6800.33 keV	Au197(p,2n+2p+d)Ir192	-32871.43 keV
Au197(p,t+He3)Ir192	-18896.16 keV	Au197(p,3n+3p)Ir192	-35095.99 keV
Au197(p,p+d+t)Ir192	-24389.63 keV		
Au197(p,n+d+He3)Ir192	-25153.39 keV		
Au197(p,n+2p+t)Ir192	-26614.20 keV		
Au197(p,2n+p+He3)Ir192	-27377.95 keV		
Au197(p,3d)Ir192	-28422.29 keV		

<< 76-Os-192	**79-Au-197**	90-Th-232 >>
<< MT45 (p,n+p+α)	**MT104 (p,d) or MT5 (Au196 production)**	MT105 (p,t) >>

Au197 (p,d) or Au196 production log-log



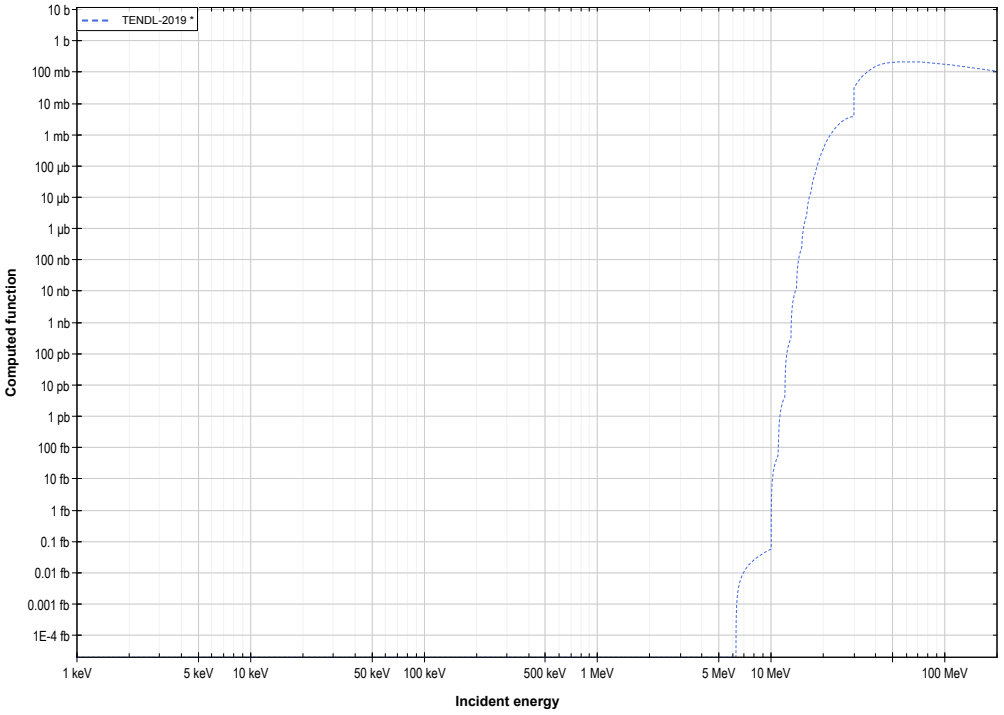
Au197 (p,d) or Au196 production lin-log



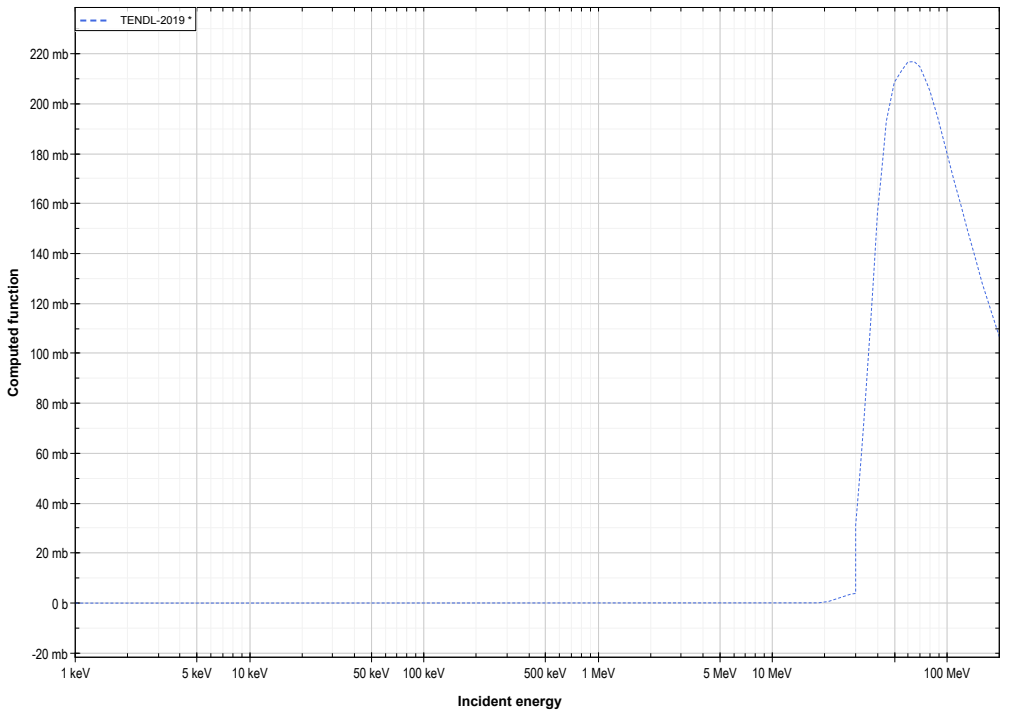
Reaction	Q-Value
Au197(p,d)Au196	-5847.75 keV
Au197(p,n+p)Au196	-8072.32 keV

<< 55-Cs-133	**79-Au-197**	92-U-235 >>
<< MT104 (p,d)	**MT105 (p,t) or MT5 (Au195 production)**	MT107 (p,α) >>

Au197 (p,t) or Au195 production log-log



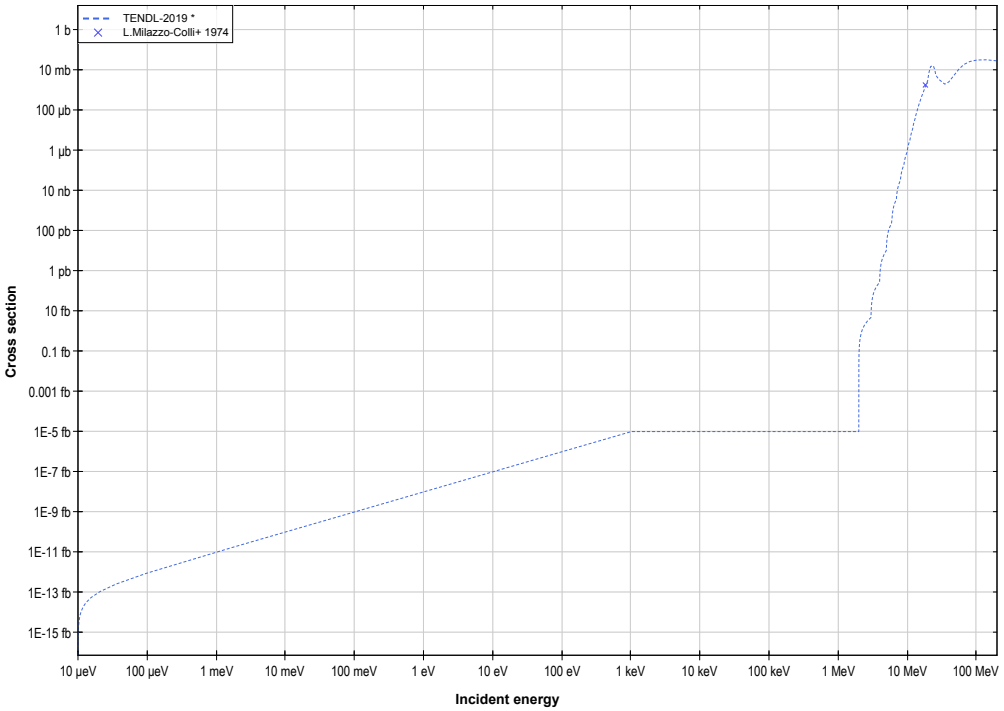
Au197 (p,t) or Au195 production lin-log



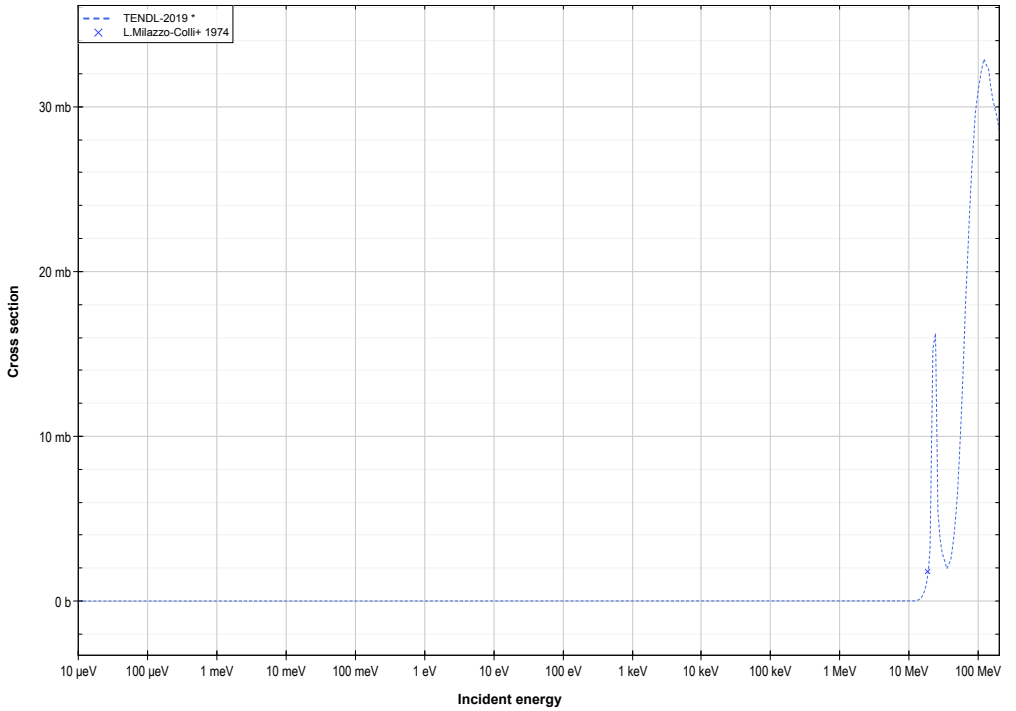
Reaction	Q-Value
Au197(p,t)Au195	-6233.54 keV
Au197(p,n+d)Au195	-12490.77 keV
Au197(p,2n+p)Au195	-14715.33 keV

<< 70-Yb-176	**79-Au-197**	81-Tl-203 >>
<< MT105 (p,t)	**MT107 (p,α) or MT5 (Pt194 production)**	MT117 (p,d+α) >>

Au197 (p,α) or Pt194 production log-log



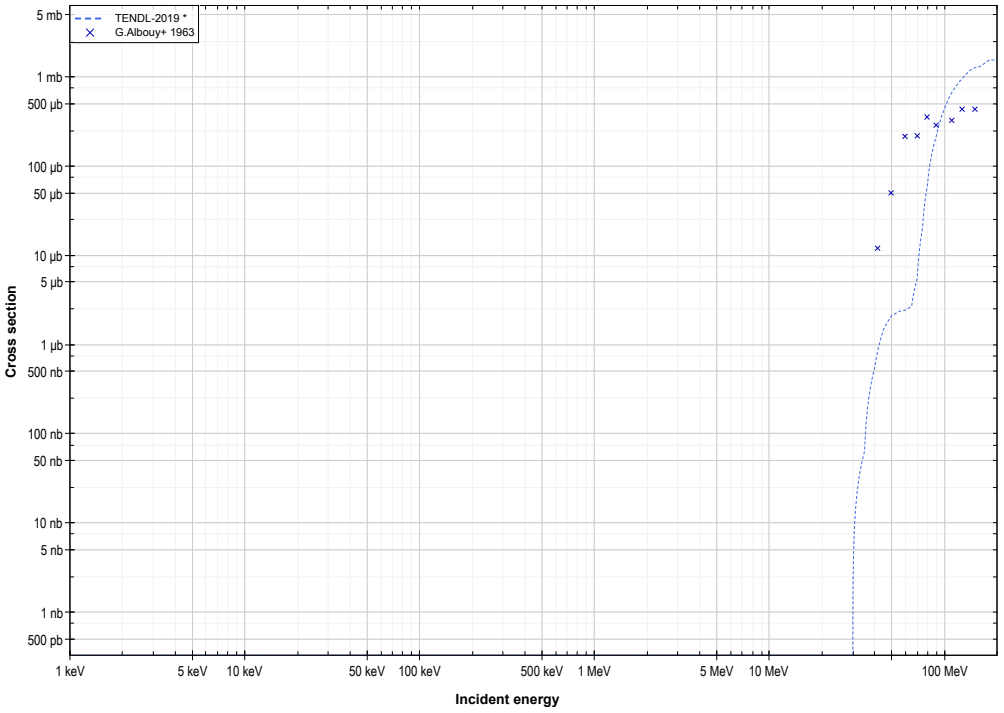
Au197 (p,α) or Pt194 production lin-log



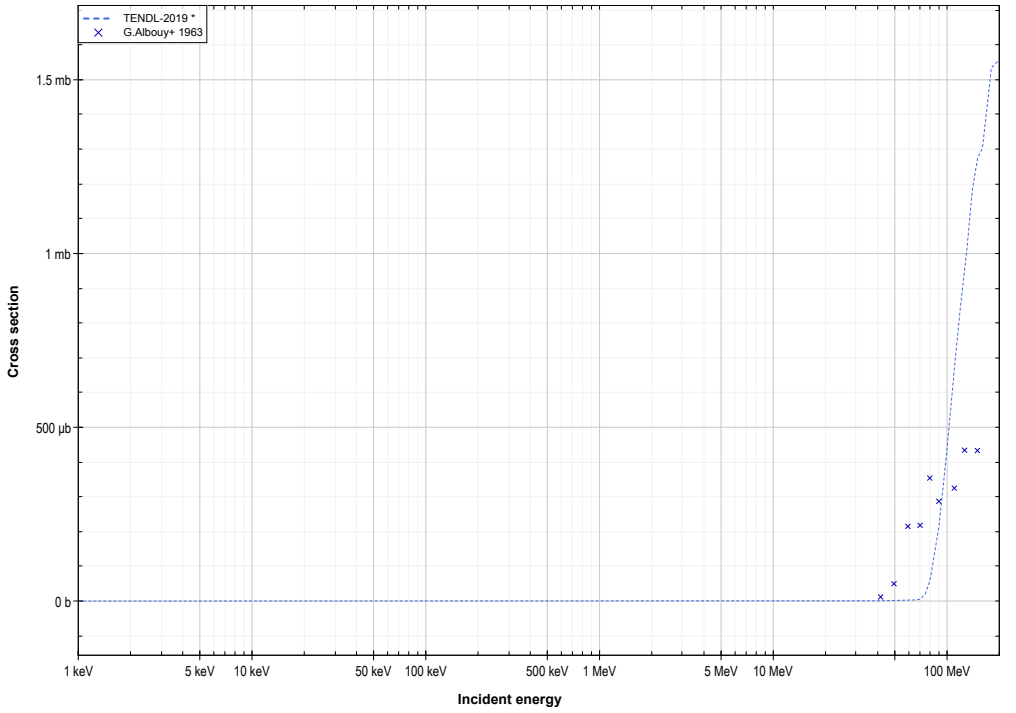
Reaction	Q-Value
Au197(p,α)Pt194	8484.46 keV
Au197(p,p+t)Pt194	-11329.41 keV
Au197(p,n+He3)Pt194	-12093.16 keV
Au197(p,2d)Pt194	-15362.07 keV
Au197(p,n+p+d)Pt194	-17586.64 keV
Au197(p,2n+2p)Pt194	-19811.20 keV

<< 57-La-139	**79-Au-197**	90-Th-232 >>
<< MT107 (p,α)	**MT117 (p,d+α) or MT5 (Ir192 production)**	MT152 (p,5n) >>

Au197 (p,d+α) or Ir192 production log-log



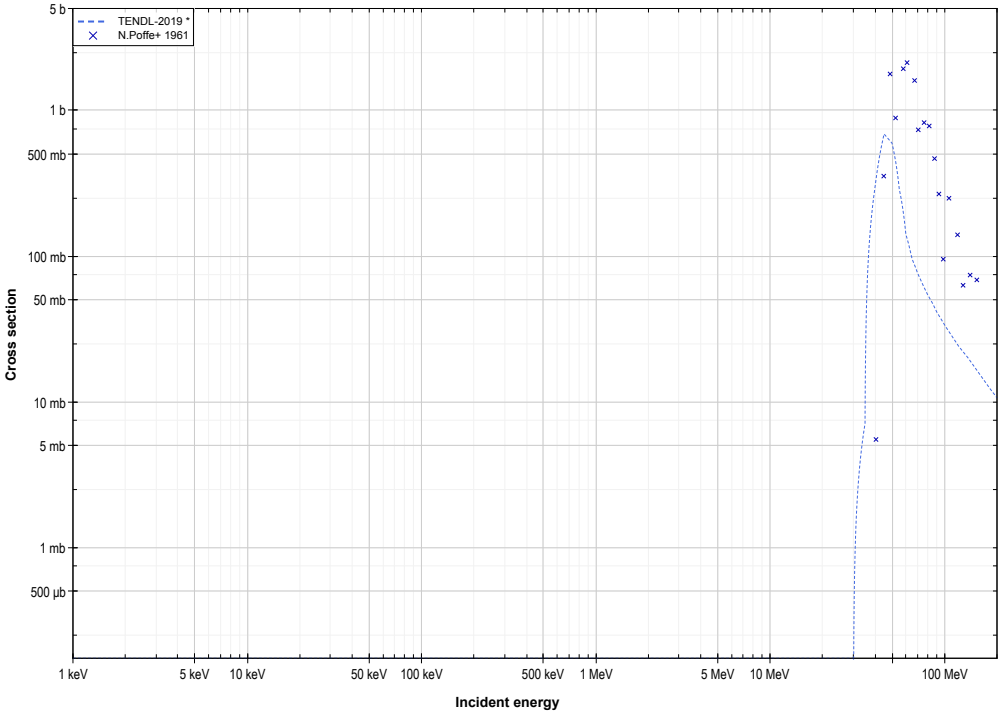
Au197 (p,d+α) or Ir192 production lin-log



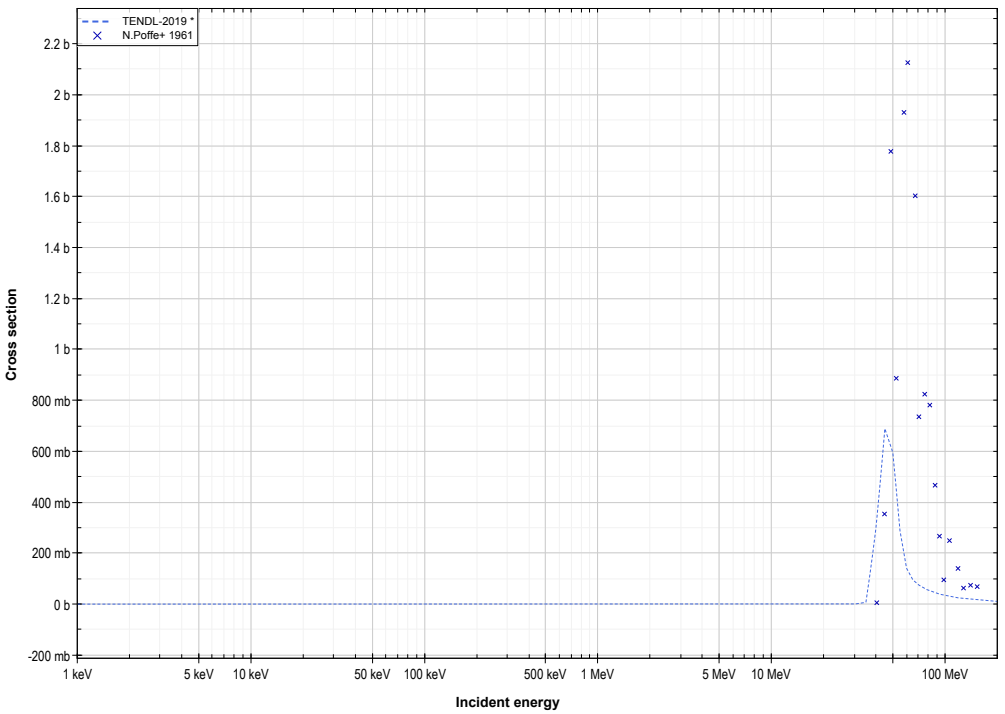
Reaction	Q-Value	Reaction	Q-Value
Au197(p,d+α)Ir192	-4575.77 keV	Au197(p,n+p+2d)Ir192	-30646.86 keV
Au197(p,n+p+α)Ir192	-6800.33 keV	Au197(p,2n+2p+d)Ir192	-32871.43 keV
Au197(p,t+He3)Ir192	-18896.16 keV	Au197(p,3n+3p)Ir192	-35095.99 keV
Au197(p,p+d+t)Ir192	-24389.63 keV		
Au197(p,n+d+He3)Ir192	-25153.39 keV		
Au197(p,n+2p+t)Ir192	-26614.20 keV		
Au197(p,2n+p+He3)Ir192	-27377.95 keV		
Au197(p,3d)Ir192	-28422.29 keV		

<< 76-Os-192	**79-Au-197**	81-Tl-205 >>
<< MT117 (p,d+α)	**MT152 (p,5n) or MT5 (Hg193 production)**	MT153 (p,6n) >>

Au197 (p,5n) or Hg193 production log-log



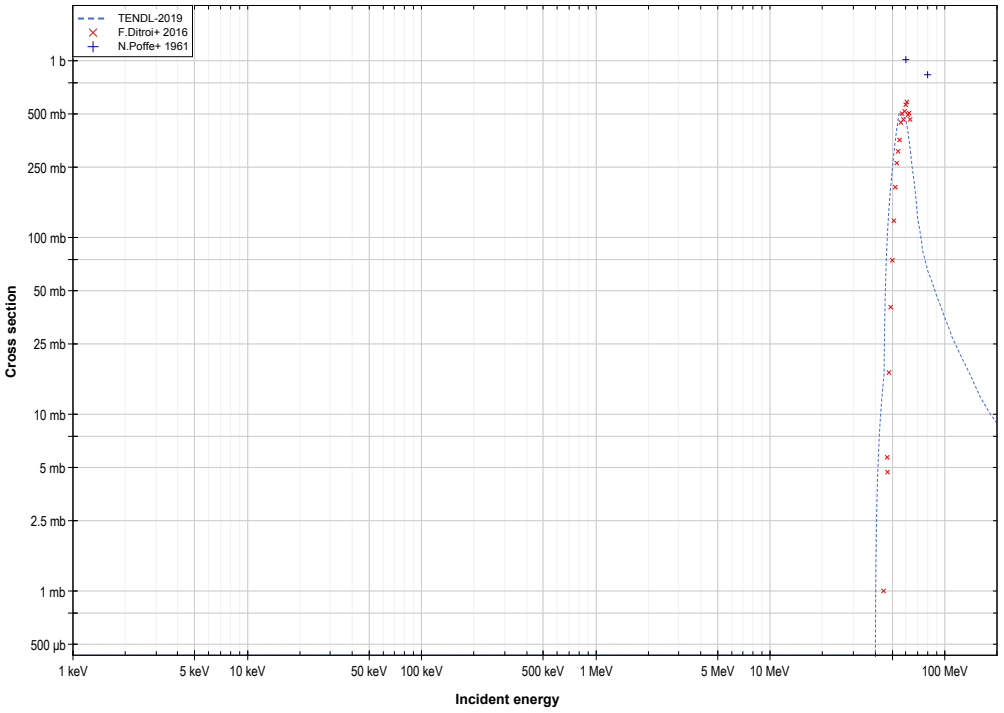
Au197 (p,5n) or Hg193 production lin-log



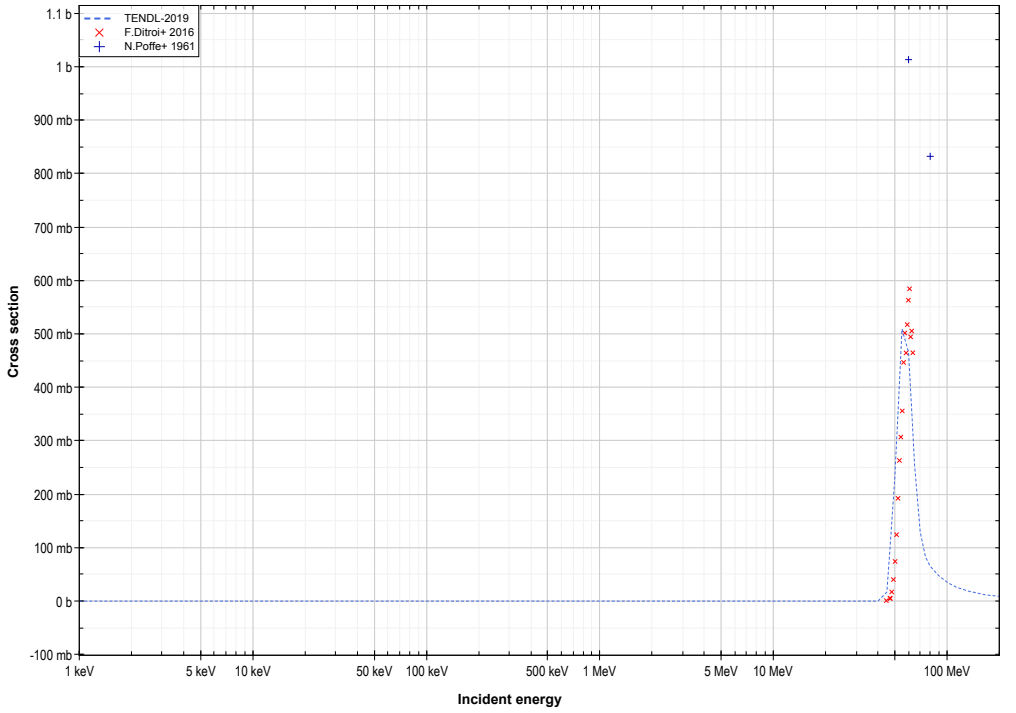
Reaction	Q-Value
Au197(p,5n)Hg193	-33145.31 keV

<< 76-Os-192	**79-Au-197**	81-Tl-205 >>
<< MT152 (p,5n)	**MT153 (p,6n) or MT5 (Hg192 production)**	MT160 (p,7n) >>

Au197 (p,6n) or Hg192 production log-log



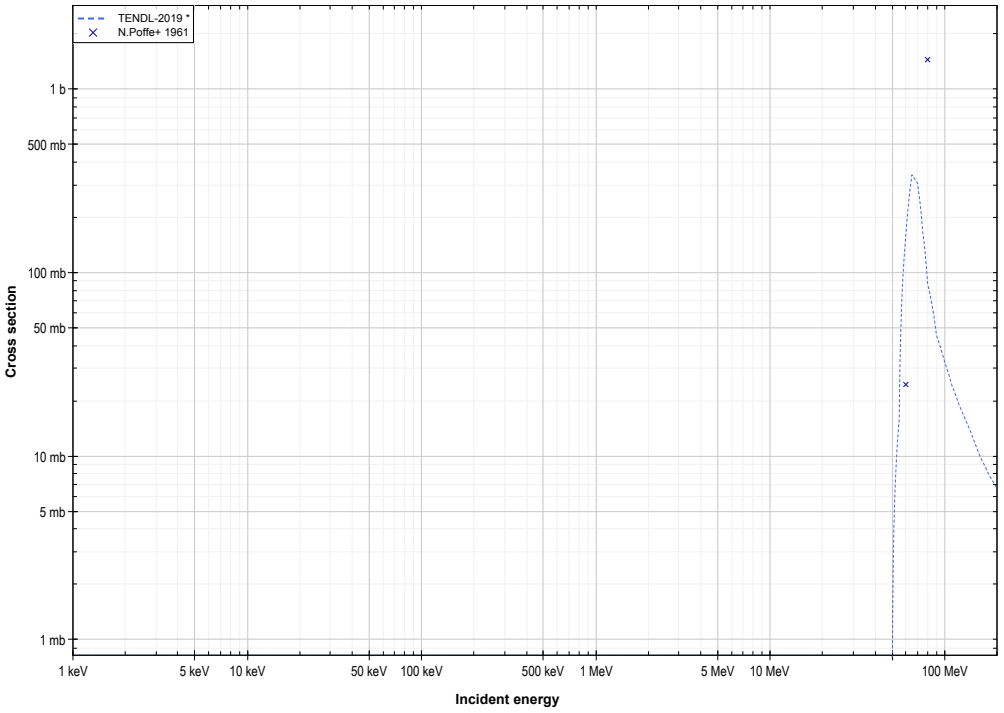
Au197 (p,6n) or Hg192 production lin-log



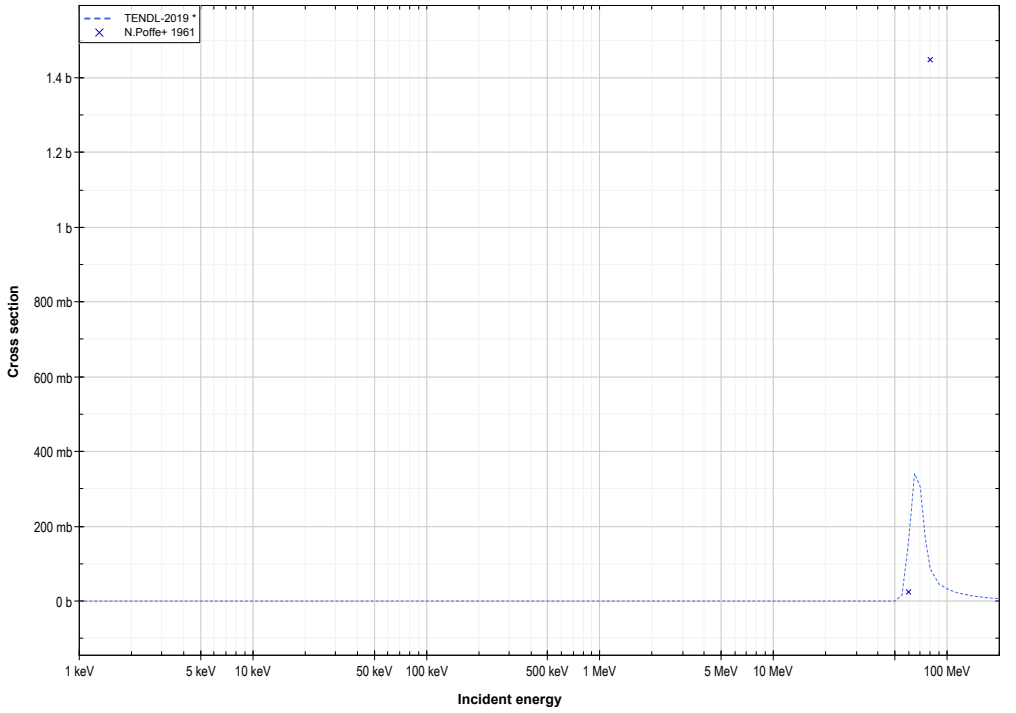
Reaction	Q-Value
Au197(p,6n)Hg192	-40266.63 keV

<< 76-Os-192	**79-Au-197**	82-Pb-206 >>
<< MT153 (p,6n)	**MT160 (p,7n) or MT5 (Hg191 production)**	MT161 (p,8n) >>

Au197 (p,7n) or Hg191 production log-log



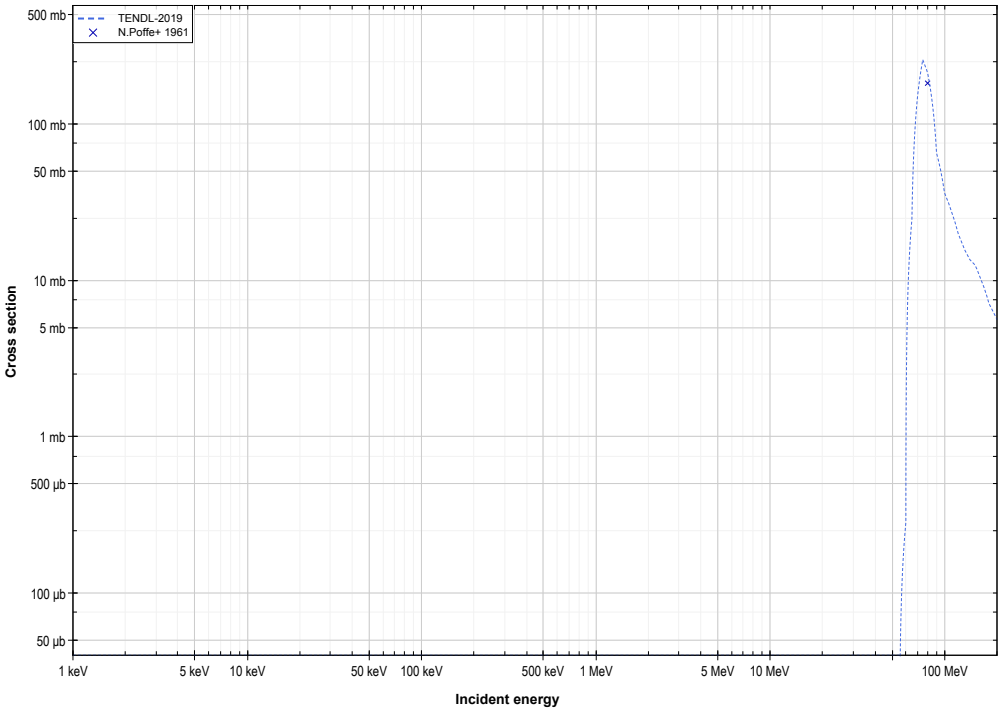
Au197 (p,7n) or Hg191 production lin-log



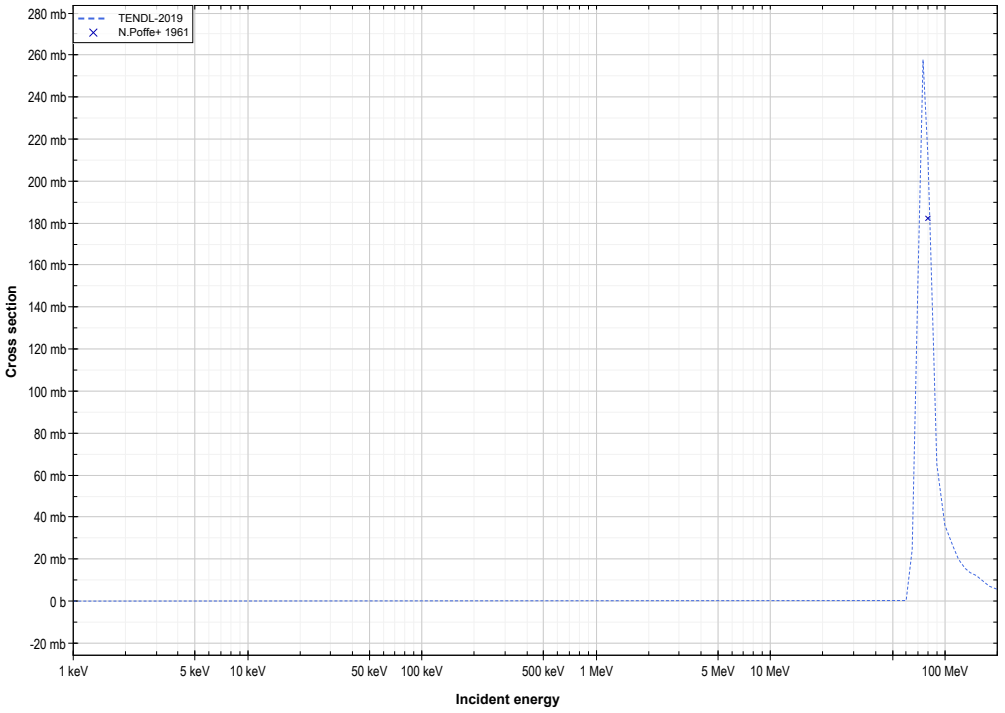
Reaction	Q-Value
Au197(p,7n)Hg191	-49757.95 keV

	79-Au-197	83-Bi-209 >>
<< MT160 (p,7n)	**MT161 (p,8n) or MT5 (Hg190 production)**	MT187 (p,n+d+^{3}He) >>

Au197 (p,8n) or Hg190 production log-log



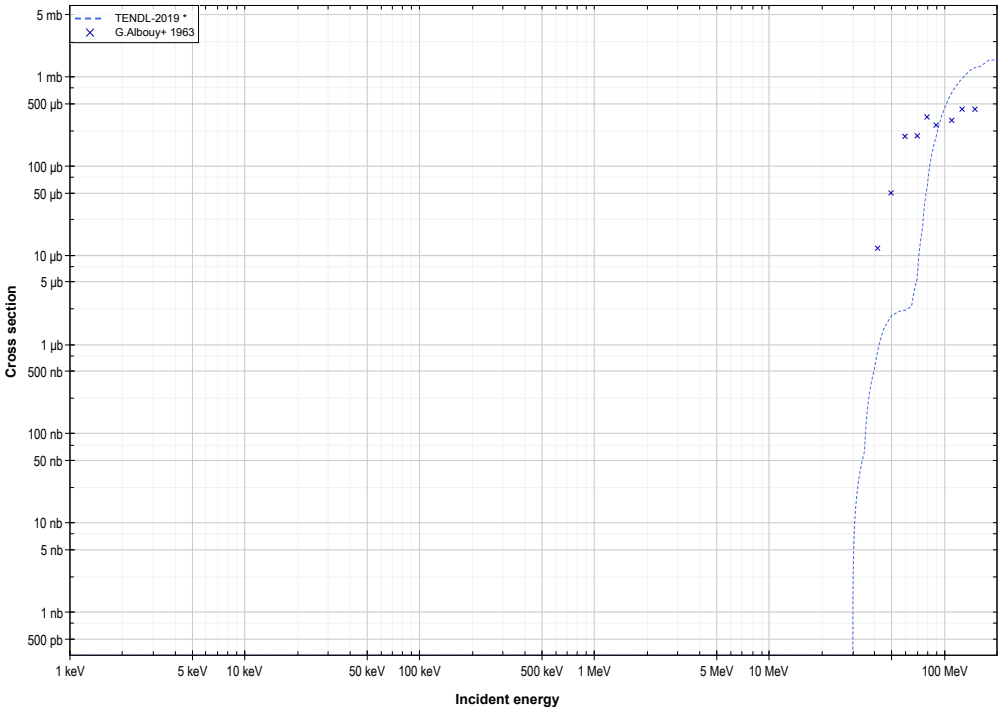
Au197 (p,8n) or Hg190 production lin-log



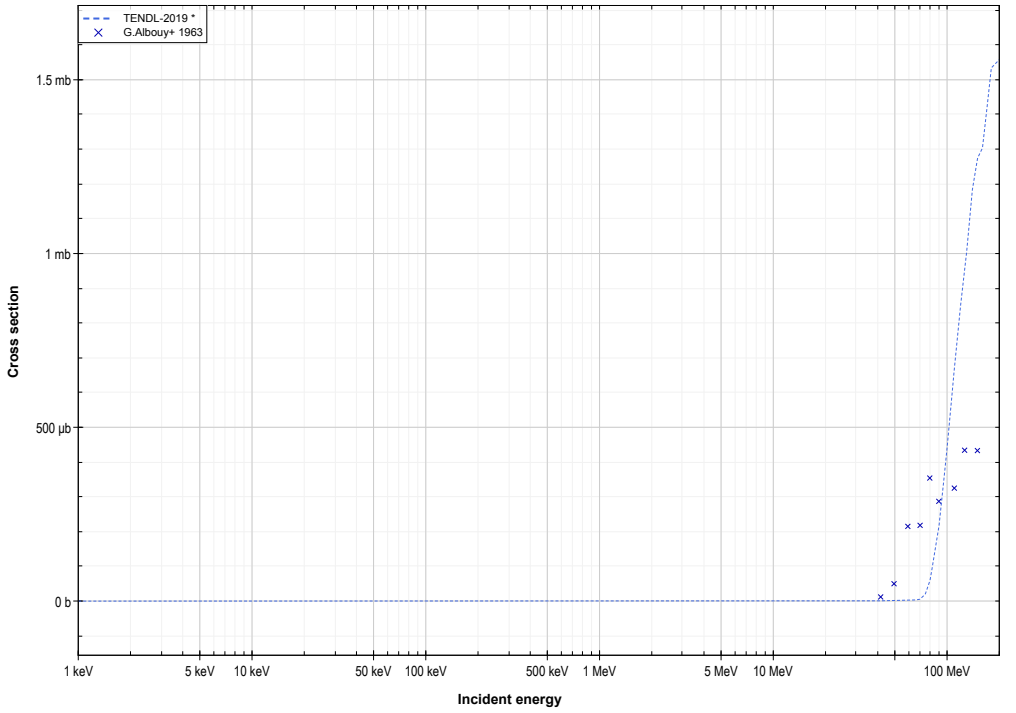
Reaction	Q-Value
Au197(p,8n)Hg190	-57050.27 keV

<< 57-La-139	**79-Au-197**	90-Th-232 >>
<< MT161 (p,8n)	**MT187 (p,n+d+^{3}He) or MT5 (Ir192 production)**	MT196 (p,4n+p+α) >>

Au197 (p,n+d+^{3}He) or Ir192 production log-log



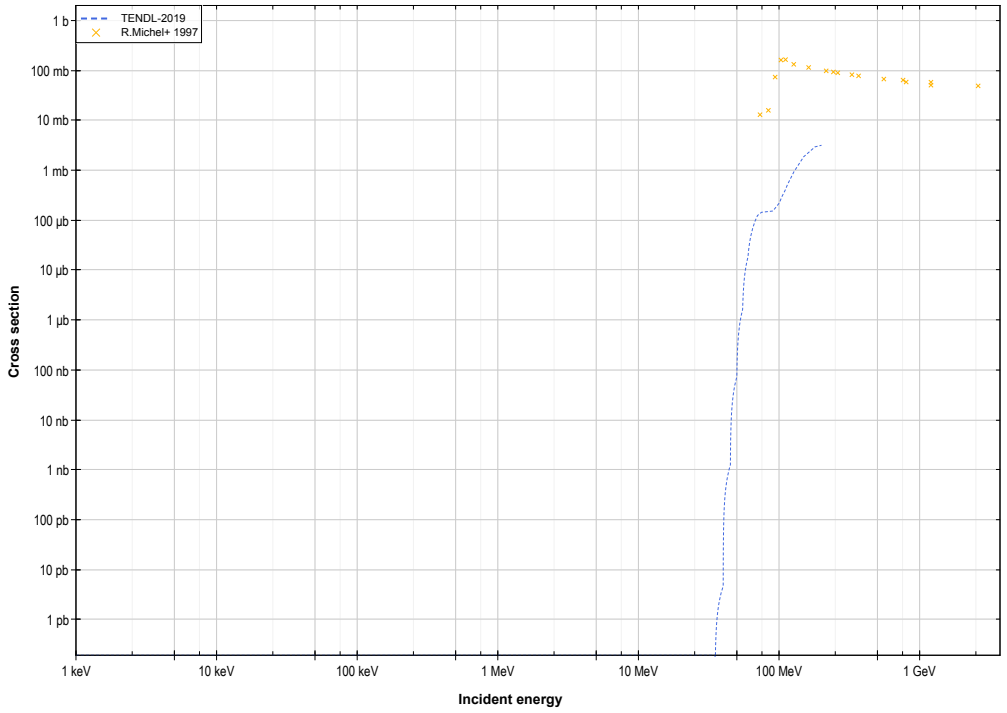
Au197 (p,n+d+^{3}He) or Ir192 production lin-log



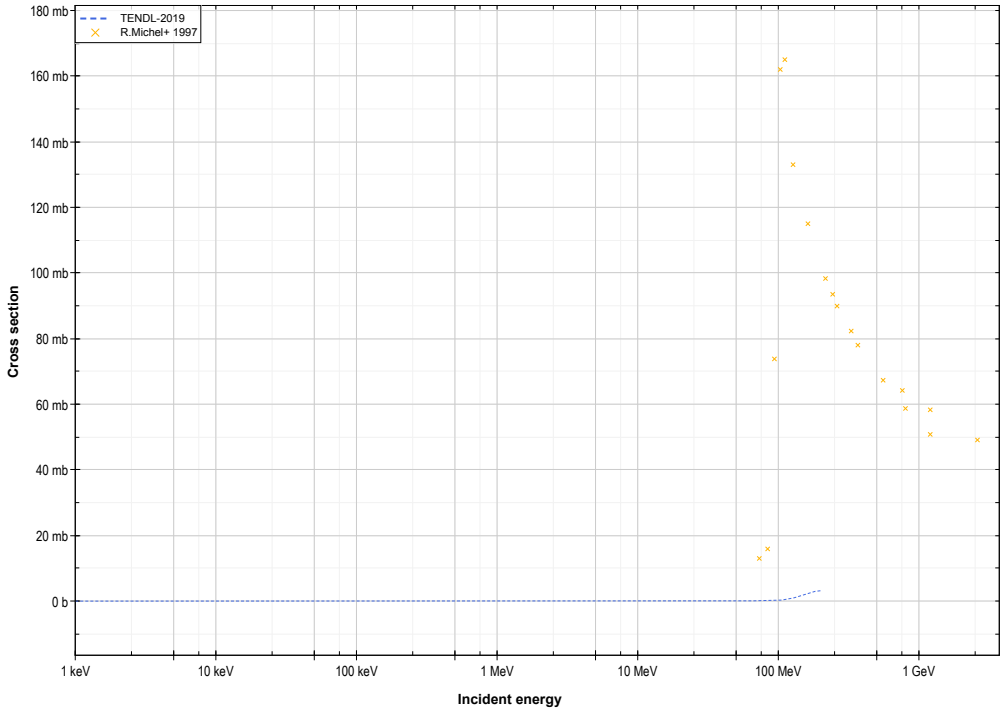
Reaction	Q-Value	Reaction	Q-Value
Au197(p,d+α)Ir192	-4575.77 keV	Au197(p,n+p+2d)Ir192	-30646.86 keV
Au197(p,n+p+α)Ir192	-6800.33 keV	Au197(p,2n+2p+d)Ir192	-32871.43 keV
Au197(p,t+He3)Ir192	-18896.16 keV	Au197(p,3n+3p)Ir192	-35095.99 keV
Au197(p,p+d+t)Ir192	-24389.63 keV		
Au197(p,n+d+He3)Ir192	-25153.39 keV		
Au197(p,n+2p+t)Ir192	-26614.20 keV		
Au197(p,2n+p+He3)Ir192	-27377.95 keV		
Au197(p,3d)Ir192	-28422.29 keV		

<< 39-Y-89	**79-Au-197**	90-Th-232 >>
<< MT187 (p,n+d+^{3}He)	**MT196 (p,4n+p+α) or MT5 (Ir189 production)**	80-Hg-202 MT4 (p,n) >>

Au197 (p,4n+p+α) or Ir189 production log-log



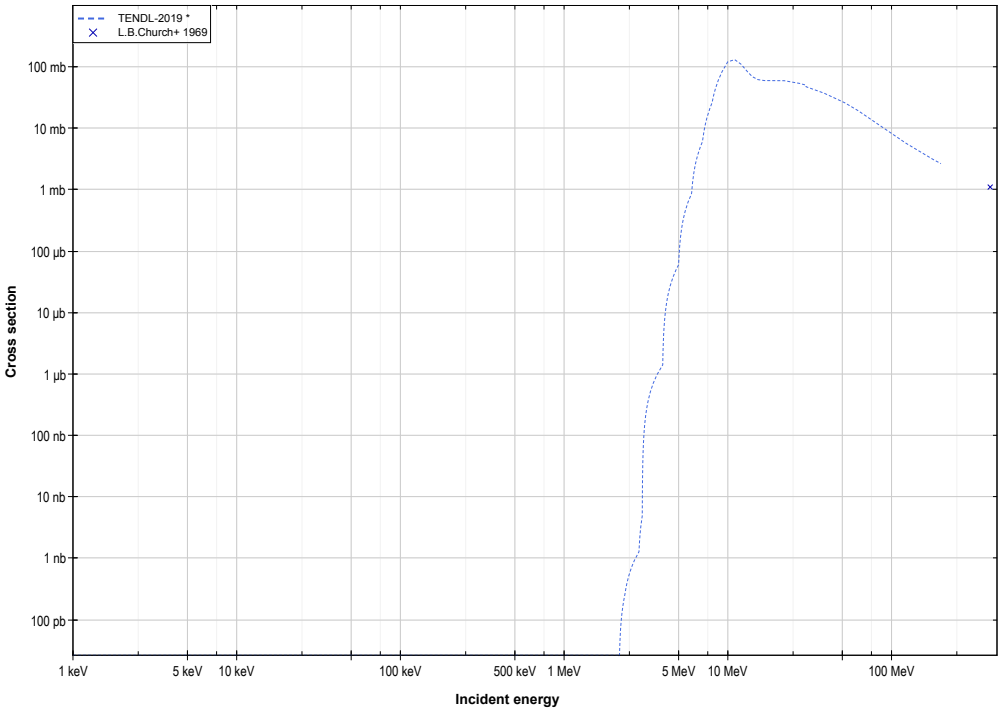
Au197 (p,4n+p+α) or Ir189 production lin-log



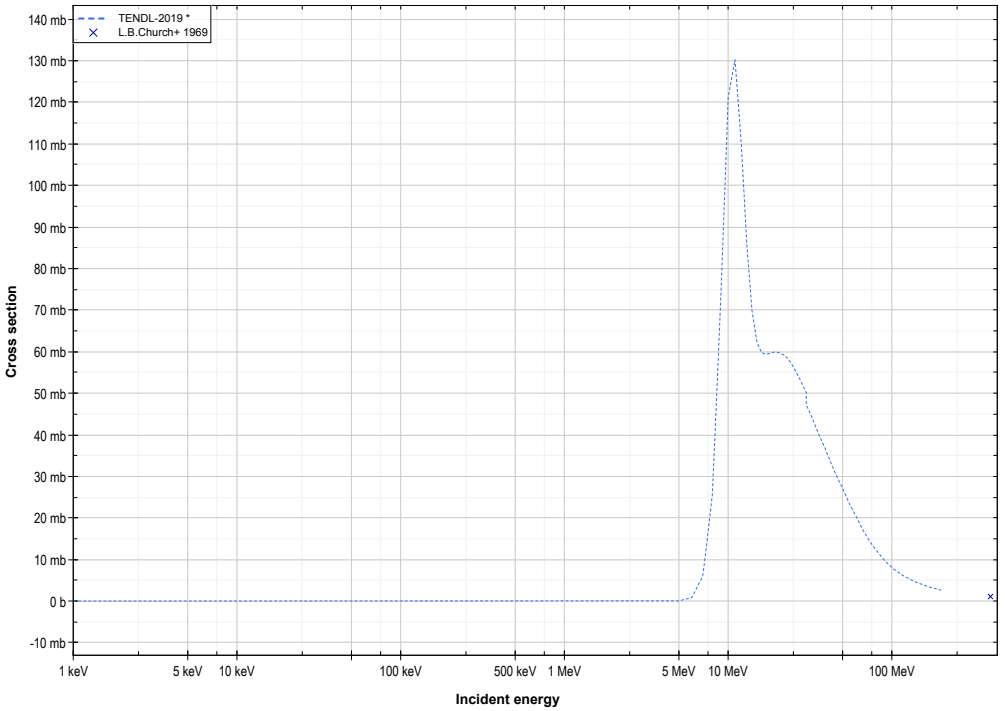
Reaction	Q-Value	Reaction	Q-Value
Au197(p,2n+t+α)Ir189	-18918.09 keV	Au197(p,3n+p+d+t)Ir189	-44989.18 keV
Au197(p,3n+d+α)Ir189	-25175.32 keV	Au197(p,4n+d+He3)Ir189	-45752.94 keV
Au197(p,4n+p+α)Ir189	-27399.88 keV	Au197(p,4n+2p+t)Ir189	-47213.75 keV
Au197(p,3t)Ir189	-30250.16 keV	Au197(p,5n+p+He3)Ir189	-47977.50 keV
Au197(p,n+d+2t)Ir189	-36507.39 keV	Au197(p,3n+3d)Ir189	-49021.85 keV
Au197(p,2n+p+2t)Ir189	-38731.95 keV	Au197(p,4n+p+2d)Ir189	-51246.41 keV
Au197(p,3n+t+He3)Ir189	-39495.71 keV	Au197(p,5n+2p+d)Ir189	-53470.98 keV
Au197(p,2n+2d+t)Ir189	-42764.62 keV	Au197(p,6n+3p)Ir189	-55695.54 keV

<< 79-Au-197	**80-Hg-202**	82-Pb-206 >>
<< 79-Au-197 MT196 (p,4n+p+α)	**MT4 (p,n) or MT5 (Tl202 production)**	MT16 (p,2n) >>

Hg202 (p,n) or Tl202 production log-log



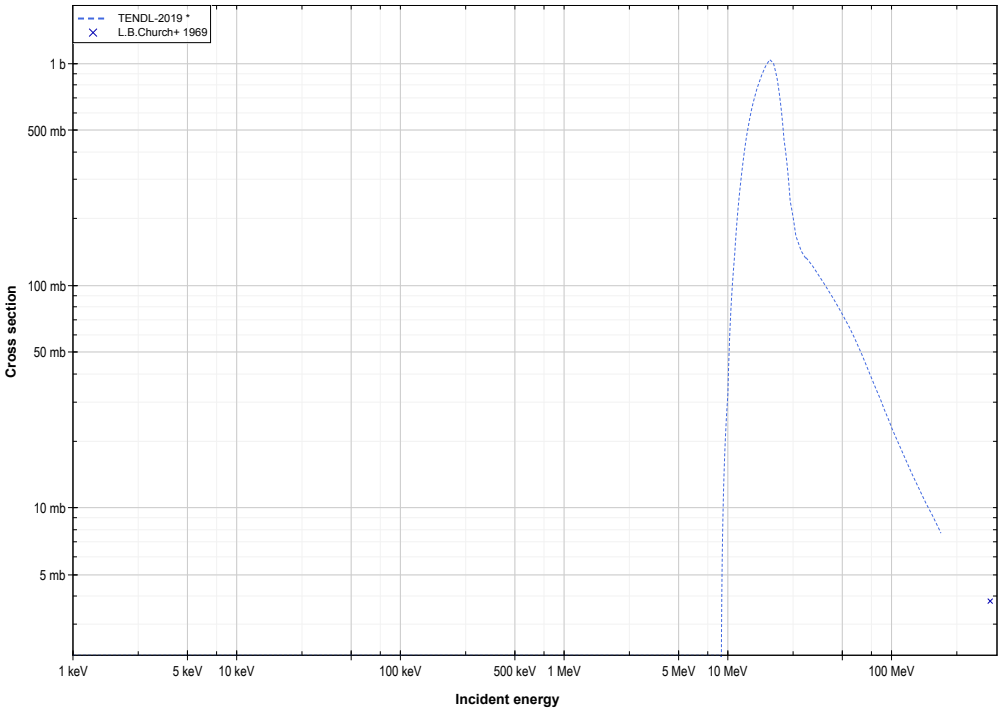
Hg202 (p,n) or Tl202 production lin-log



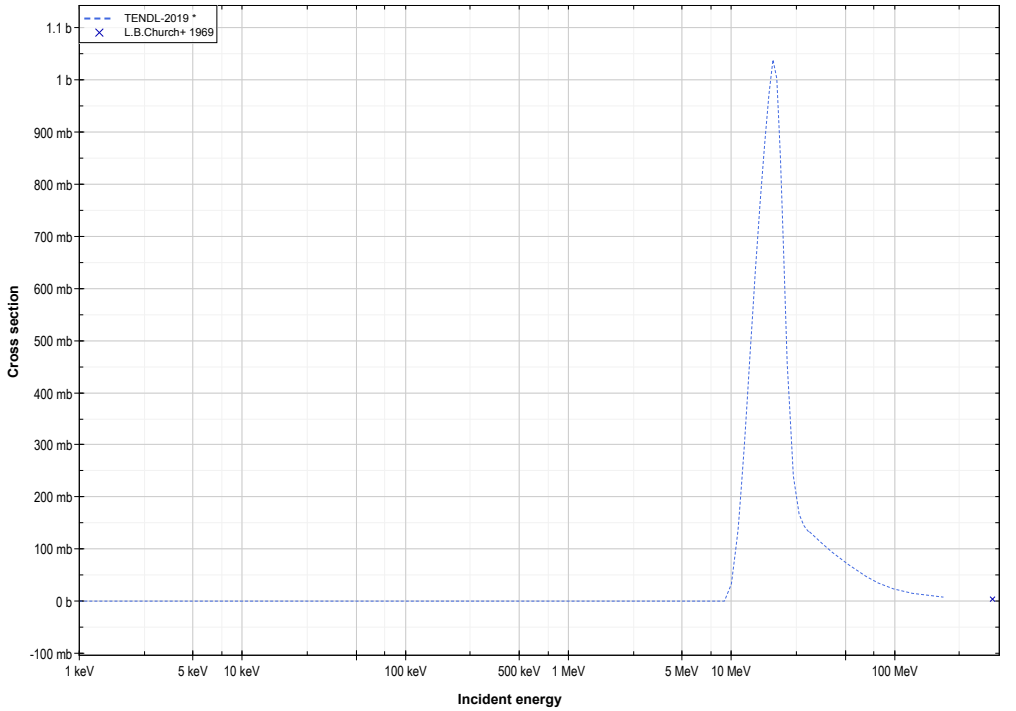
Reaction	Q-Value
Hg202(p,n)Tl202	-2147.45 keV

<< 79-Au-197	**80-Hg-202**	81-Tl-203 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Tl201 production)**	MT22 (p,n+α) >>

Hg202 (p,2n) or Tl201 production log-log



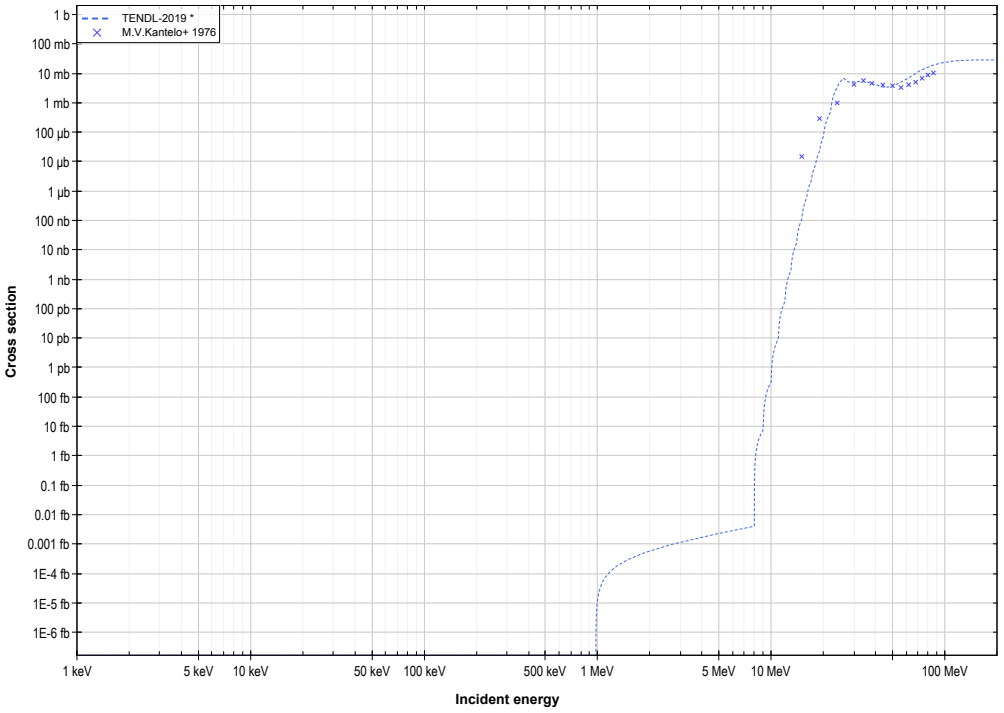
Hg202 (p,2n) or Tl201 production lin-log



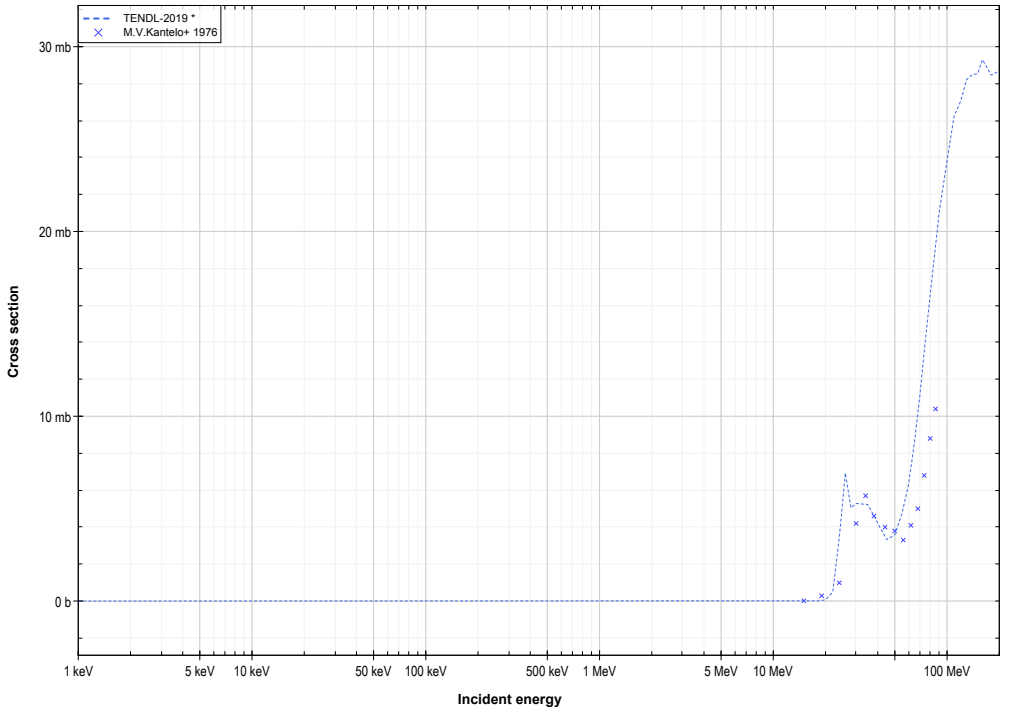
Reaction	Q-Value
Hg202(p,2n)Tl201	-9017.96 keV

<< 54-Xe-124	**80-Hg-202**	90-Th-232 >>
<< MT16 (p,2n)	**MT22 (p,n+α) or MT5 (Au198 production)**	MT25 (p,3n+α) >>

Hg202 (p,n+α) or Au198 production log-log



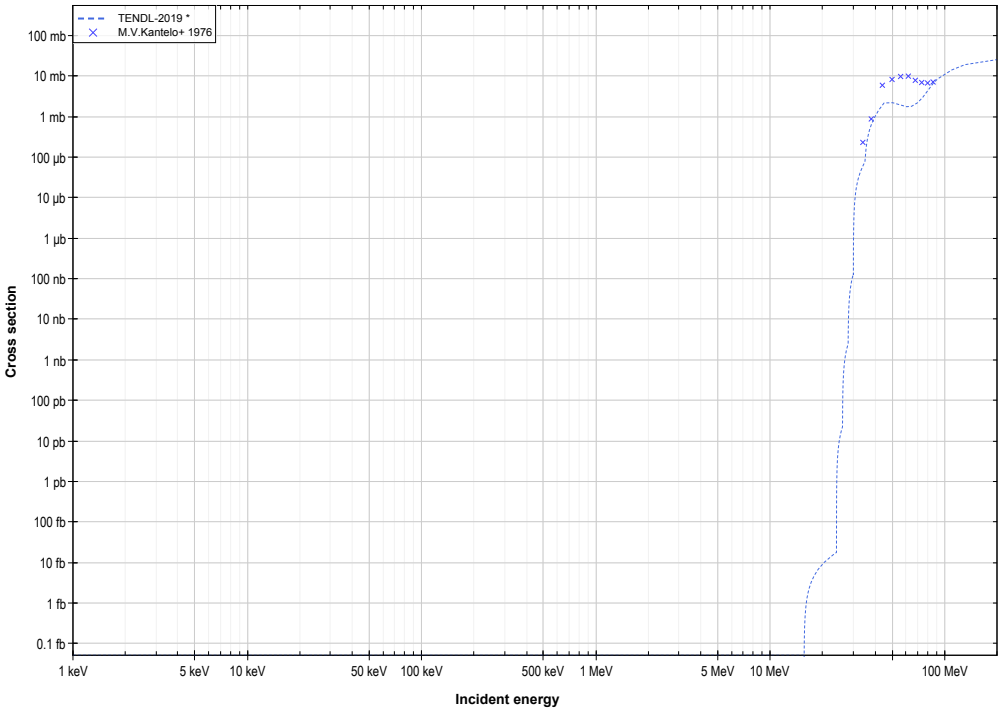
Hg202 (p,n+α) or Au198 production lin-log



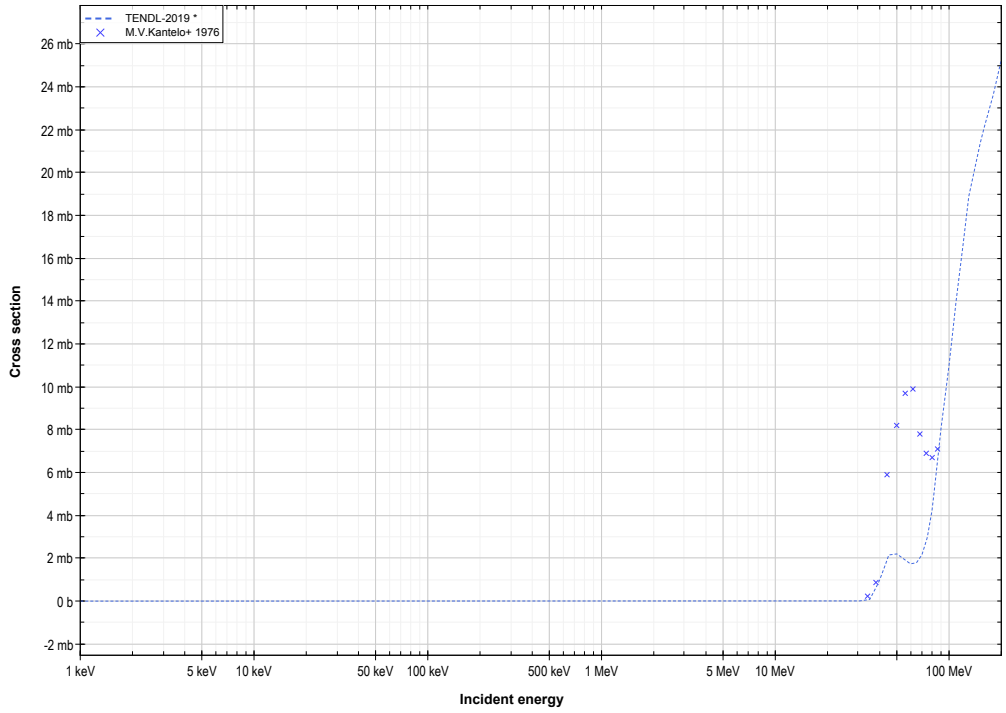
Reaction	Q-Value
Hg202(p,n+α)Au198	-971.76 keV
Hg202(p,d+t)Au198	-18561.06 keV
Hg202(p,n+p+t)Au198	-20785.63 keV
Hg202(p,2n+He3)Au198	-21549.38 keV
Hg202(p,n+2d)Au198	-24818.29 keV
Hg202(p,2n+p+d)Au198	-27042.86 keV
Hg202(p,3n+2p)Au198	-29267.42 keV

<< 76-Os-192	**80-Hg-202**	90-Th-232 >>
<< MT22 (p,n+α)	**MT25 (p,3n+α) or MT5 (Au196 production)**	MT111 (p,2p) >>

Hg202 (p,3n+α) or Au196 production log-log



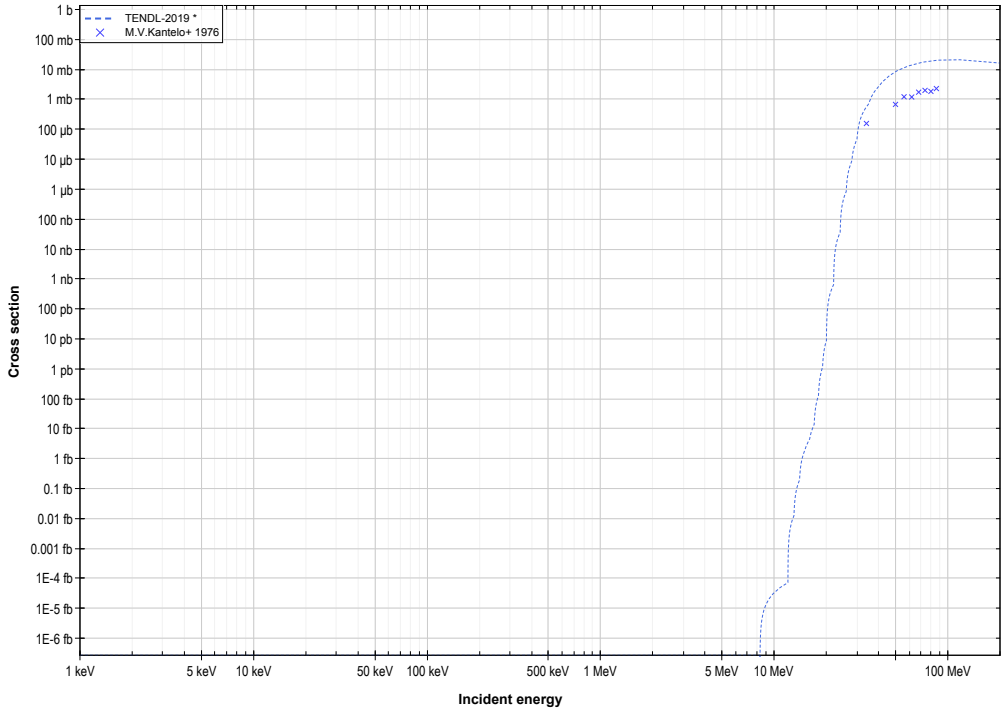
Hg202 (p,3n+α) or Au196 production lin-log



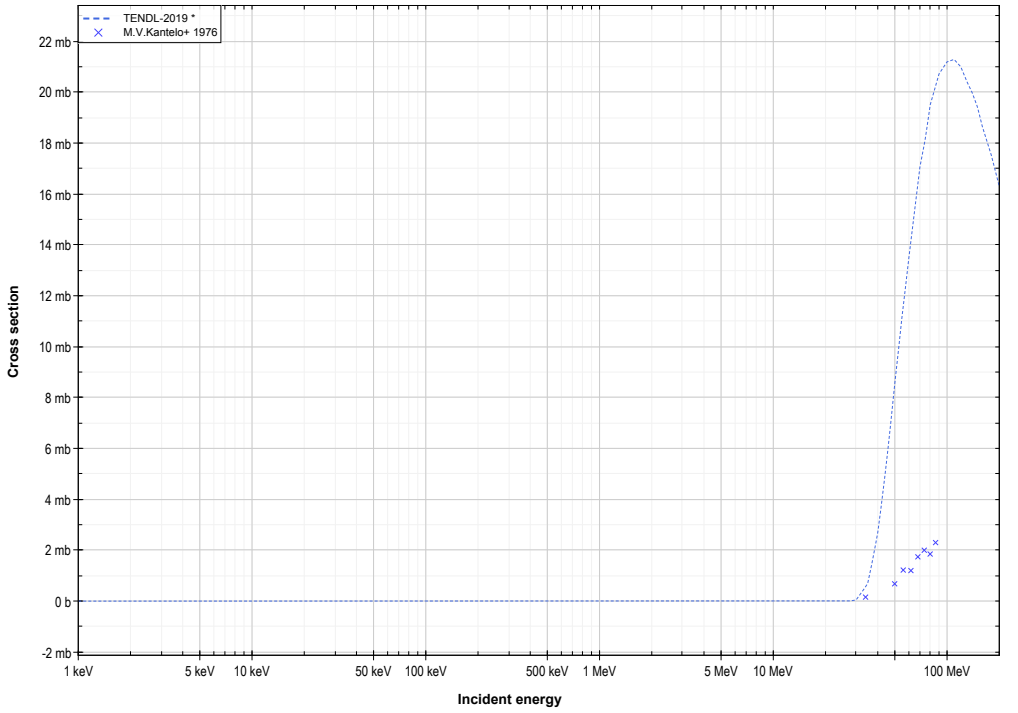
Reaction	Q-Value
Hg202(p,3n+α)Au196	-15556.50 keV
Hg202(p,n+2t)Au196	-26888.57 keV
Hg202(p,2n+d+t)Au196	-33145.80 keV
Hg202(p,3n+p+t)Au196	-35370.36 keV
Hg202(p,4n+He3)Au196	-36134.12 keV
Hg202(p,3n+2d)Au196	-39403.02 keV
Hg202(p,4n+p+d)Au196	-41627.59 keV
Hg202(p,5n+2p)Au196	-43852.16 keV

<< 74-W-186	**80-Hg-202**	
<< MT25 (p,3n+α)	**MT111 (p,2p) or MT5 (Au201 production)**	MT168 (p,7n+α) >>

Hg202 (p,2p) or Au201 production log-log



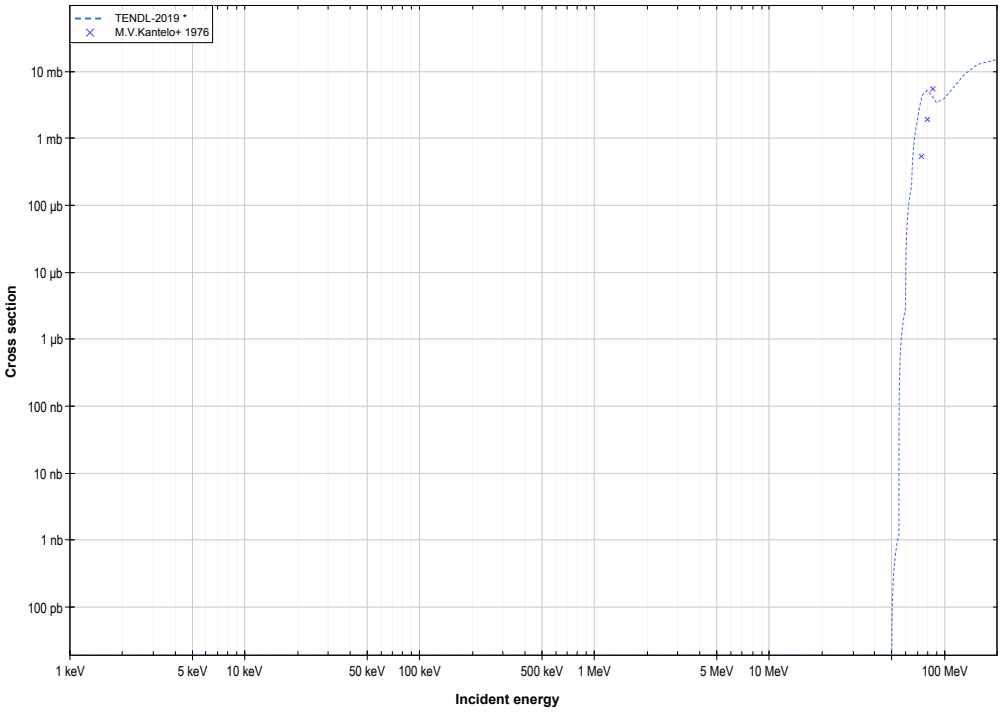
Hg202 (p,2p) or Au201 production lin-log



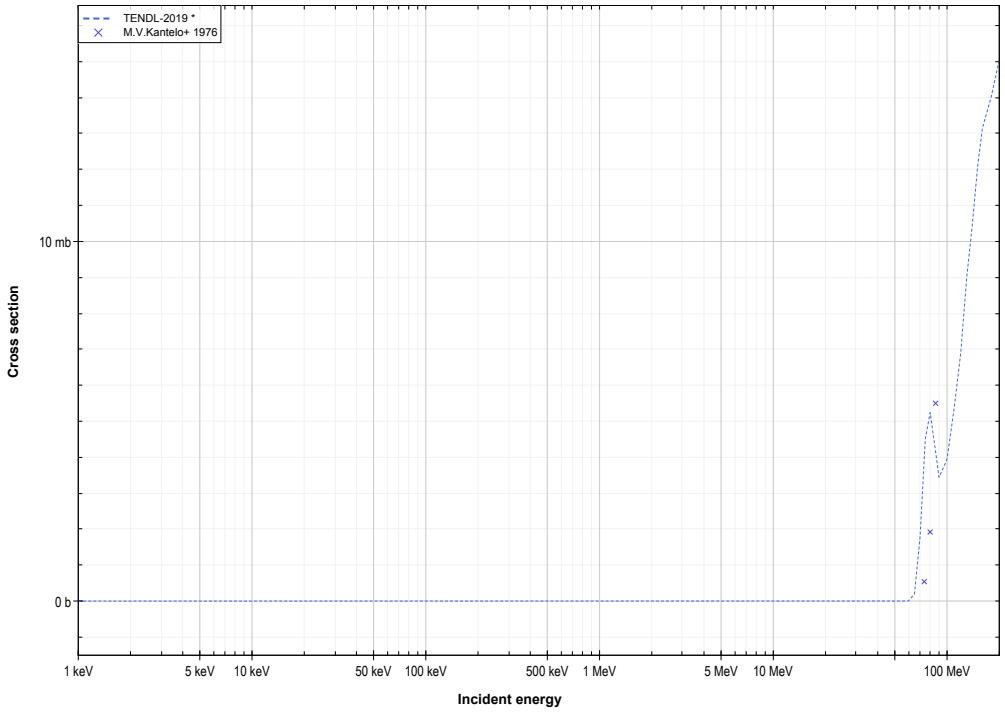
Reaction	Q-Value
Hg202(p,2p)Au201	-8233.27 keV

<< 73-Ta-181	**80-Hg-202**	90-Th-232 >>
<< MT111 (p,2p)	**MT168 (p,7n+α) or MT5 (Au192 production)**	MT176 (p,2n+^{3}He) >>

Hg202 (p,7n+α) or Au192 production log-log



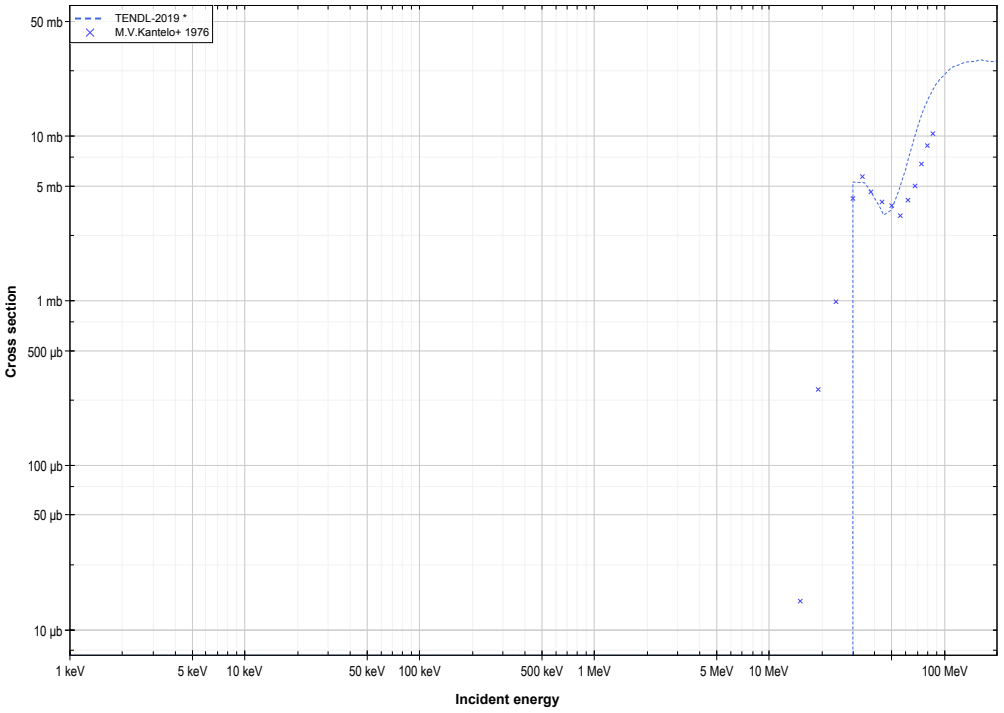
Hg202 (p,7n+α) or Au192 production lin-log



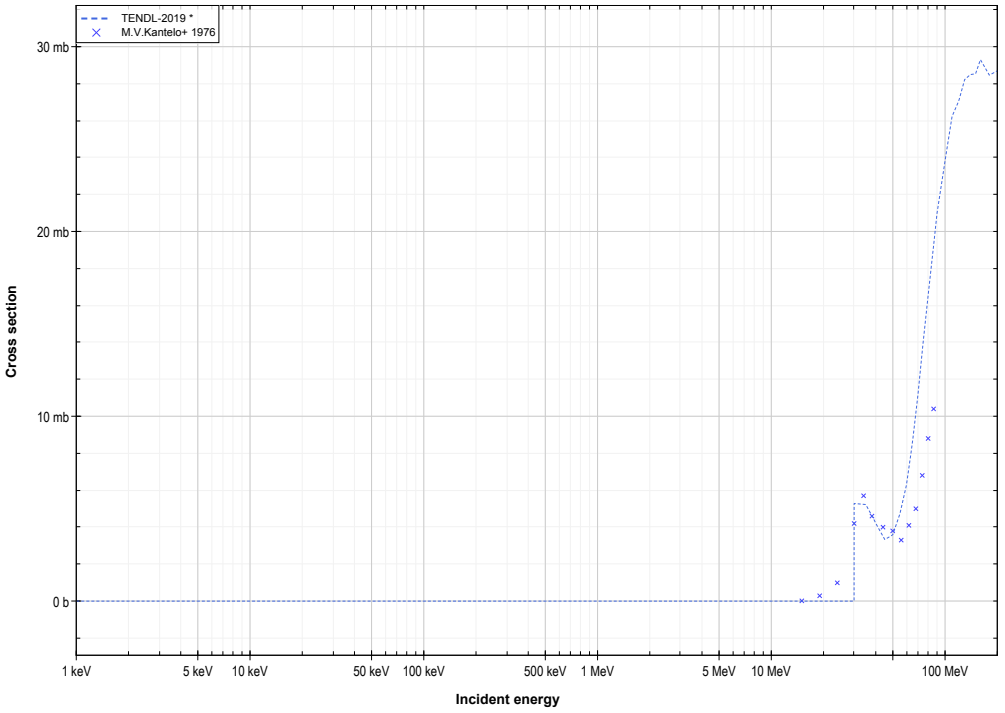
Reaction	Q-Value
Hg202(p,7n+α)Au192	-46208.46 keV
Hg202(p,5n+2t)Au192	-57540.53 keV
Hg202(p,6n+d+t)Au192	-63797.76 keV
Hg202(p,7n+p+t)Au192	-66022.33 keV
Hg202(p,8n+He3)Au192	-66786.08 keV
Hg202(p,7n+2d)Au192	-70054.99 keV
Hg202(p,8n+p+d)Au192	-72279.56 keV

<< 52-Te-126	**80-Hg-202**	90-Th-232 >>
<< MT168 (p,7n+α)	**MT176 (p,2n+³He) or MT5 (Au198 production)**	MT178 (p,4n+³He) >>

Hg202 (p,2n+³He) or Au198 production log-log



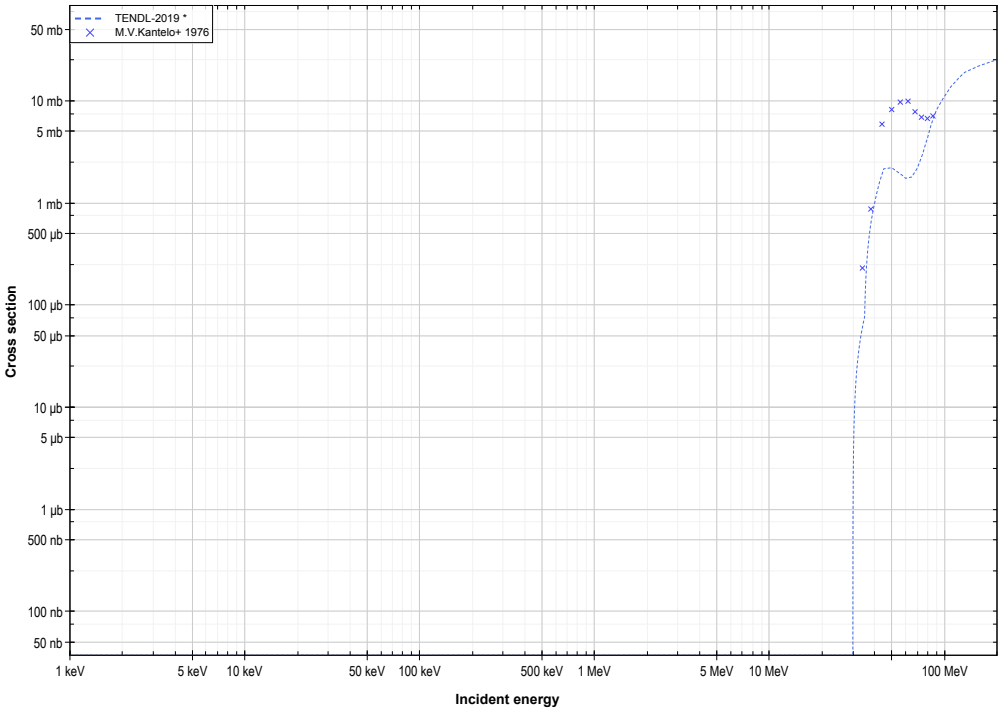
Hg202 (p,2n+³He) or Au198 production lin-log



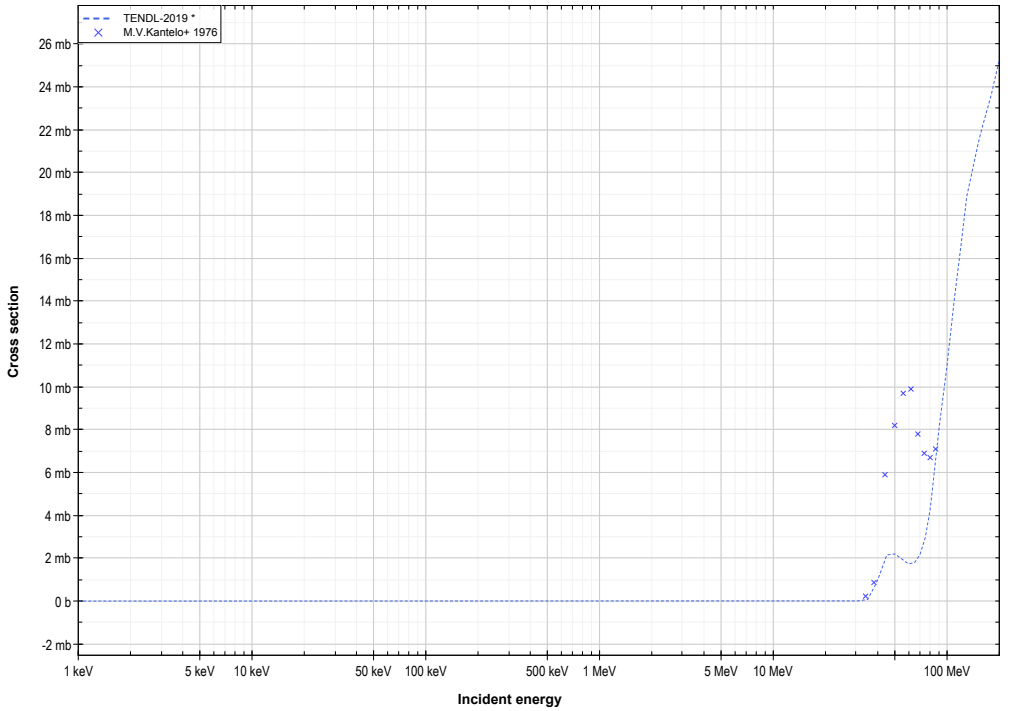
Reaction	Q-Value
Hg202(p,n+α)Au198	-971.76 keV
Hg202(p,d+t)Au198	-18561.06 keV
Hg202(p,n+p+t)Au198	-20785.63 keV
Hg202(p,2n+He3)Au198	-21549.38 keV
Hg202(p,n+2d)Au198	-24818.29 keV
Hg202(p,2n+p+d)Au198	-27042.86 keV
Hg202(p,3n+2p)Au198	-29267.42 keV

<< 76-Os-192	**80-Hg-202**	90-Th-232 >>
<< MT176 (p,2n+³He)	**MT178 (p,4n+³He) or MT5 (Au196 production)**	MT179 (p,3n+2p) >>

Hg202 (p,4n+³He) or Au196 production log-log



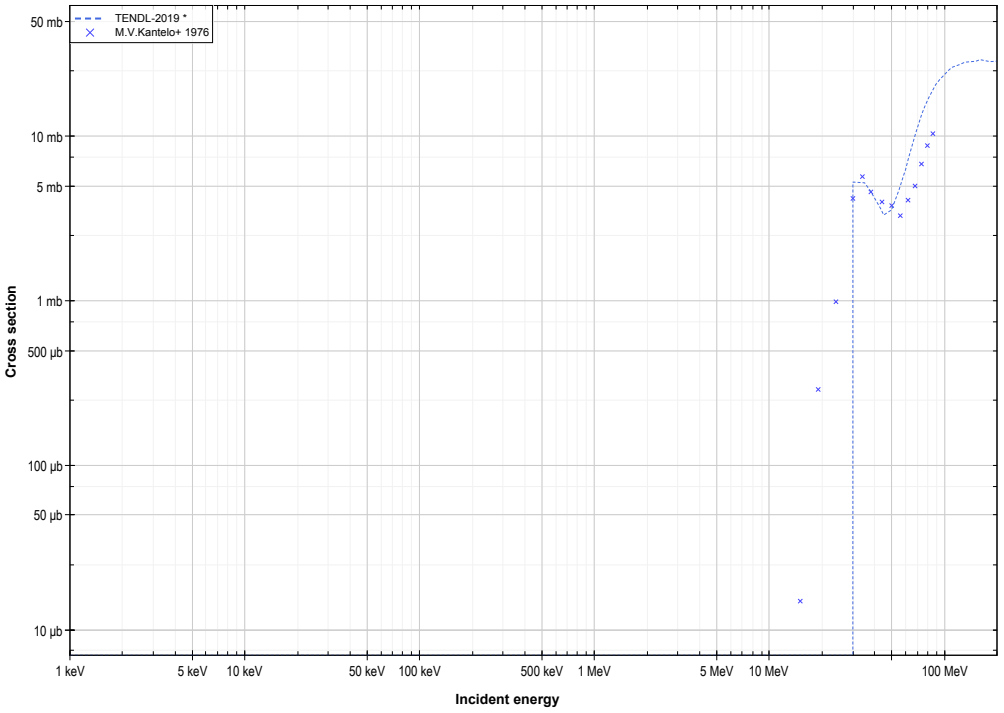
Hg202 (p,4n+³He) or Au196 production lin-log



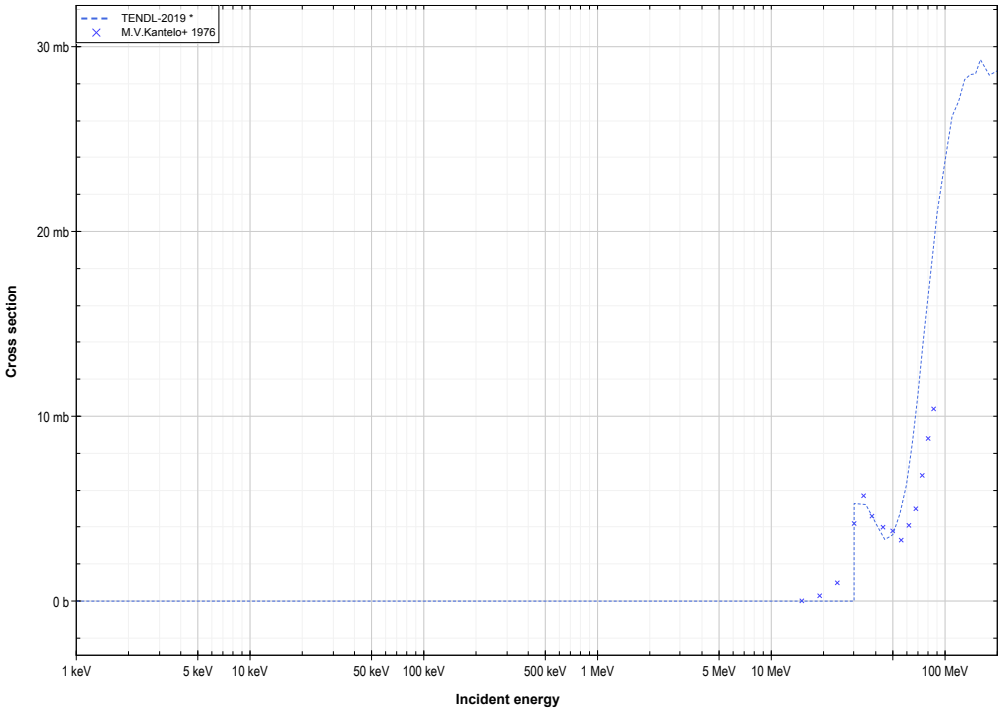
Reaction	Q-Value
Hg202(p,3n+α)Au196	-15556.50 keV
Hg202(p,n+2t)Au196	-26888.57 keV
Hg202(p,2n+d+t)Au196	-33145.80 keV
Hg202(p,3n+p+t)Au196	-35370.36 keV
Hg202(p,4n+He3)Au196	-36134.12 keV
Hg202(p,3n+2d)Au196	-39403.02 keV
Hg202(p,4n+p+d)Au196	-41627.59 keV
Hg202(p,5n+2p)Au196	-43852.16 keV

<< 52-Te-126	**80-Hg-202**	90-Th-232 >>
<< MT178 (p,4n+³He)	**MT179 (p,3n+2p) or MT5 (Au198 production)**	MT182 (p,d+t) >>

Hg202 (p,3n+2p) or Au198 production log-log



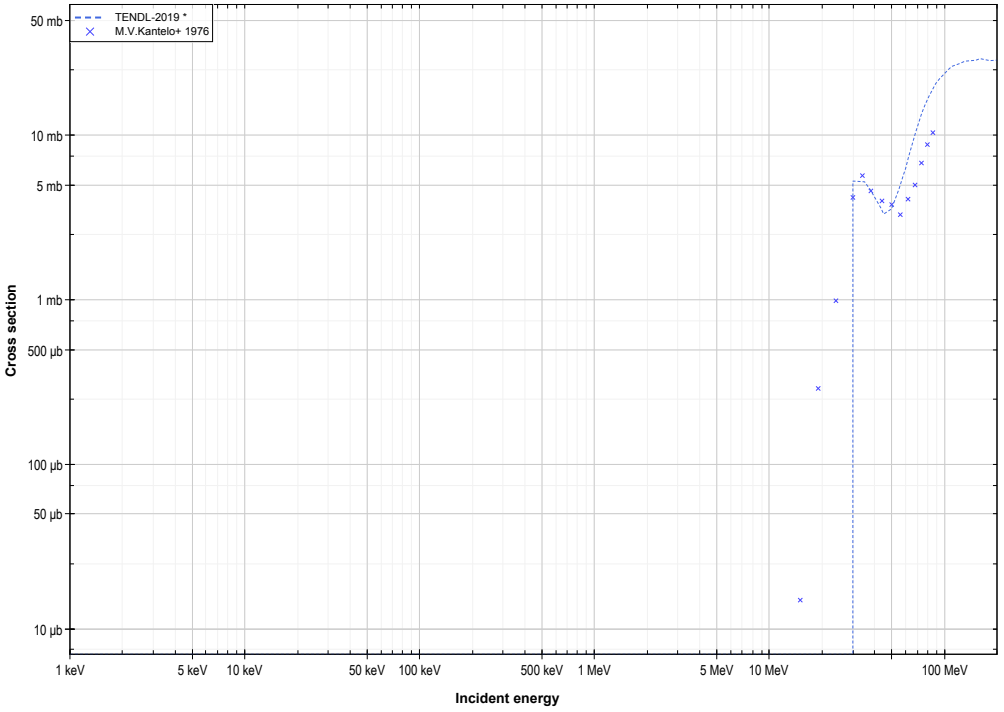
Hg202 (p,3n+2p) or Au198 production lin-log



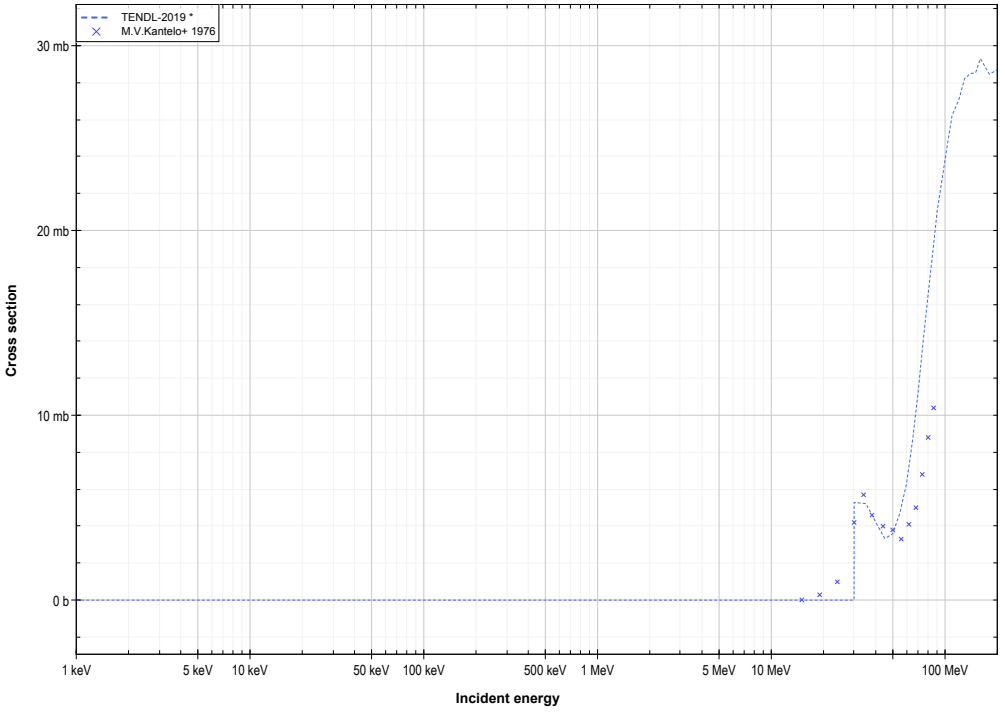
Reaction	Q-Value
Hg202(p,n+α)Au198	-971.76 keV
Hg202(p,d+t)Au198	-18561.06 keV
Hg202(p,n+p+t)Au198	-20785.63 keV
Hg202(p,2n+He3)Au198	-21549.38 keV
Hg202(p,n+2d)Au198	-24818.29 keV
Hg202(p,2n+p+d)Au198	-27042.86 keV
Hg202(p,3n+2p)Au198	-29267.42 keV

<< 52-Te-126	**80-Hg-202**	90-Th-232 >>
<< MT179 (p,3n+2p)	**MT182 (p,d+t) or MT5 (Au198 production)**	MT184 (p,n+p+t) >>

Hg202 (p,d+t) or Au198 production log-log



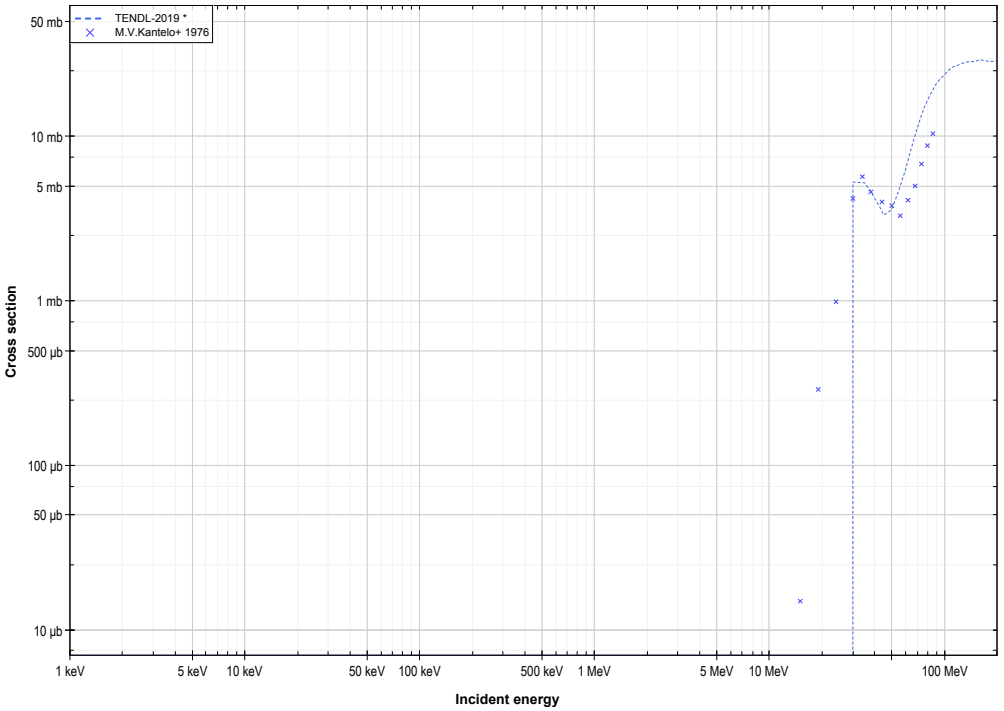
Hg202 (p,d+t) or Au198 production lin-log



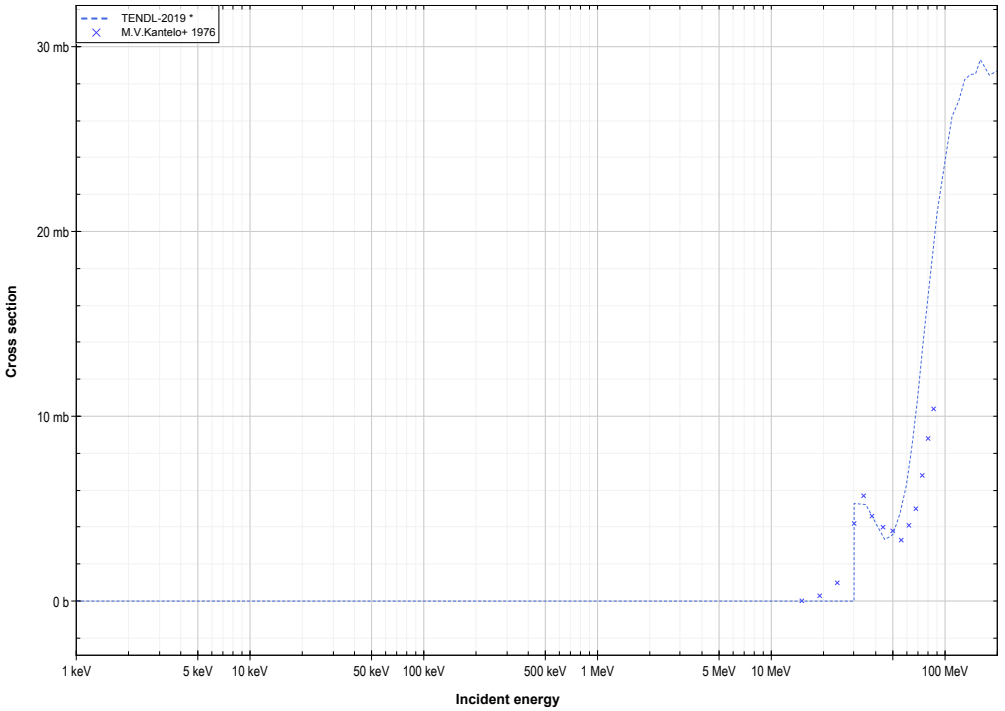
Reaction	Q-Value
Hg202(p,n+α)Au198	-971.76 keV
Hg202(p,d+t)Au198	-18561.06 keV
Hg202(p,n+p+t)Au198	-20785.63 keV
Hg202(p,2n+He3)Au198	-21549.38 keV
Hg202(p,n+2d)Au198	-24818.29 keV
Hg202(p,2n+p+d)Au198	-27042.86 keV
Hg202(p,3n+2p)Au198	-29267.42 keV

<< 52-Te-126	**80-Hg-202**	90-Th-232 >>
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Au198 production)**	MT200 (p,5n+2p) >>

Hg202 (p,n+p+t) or Au198 production log-log



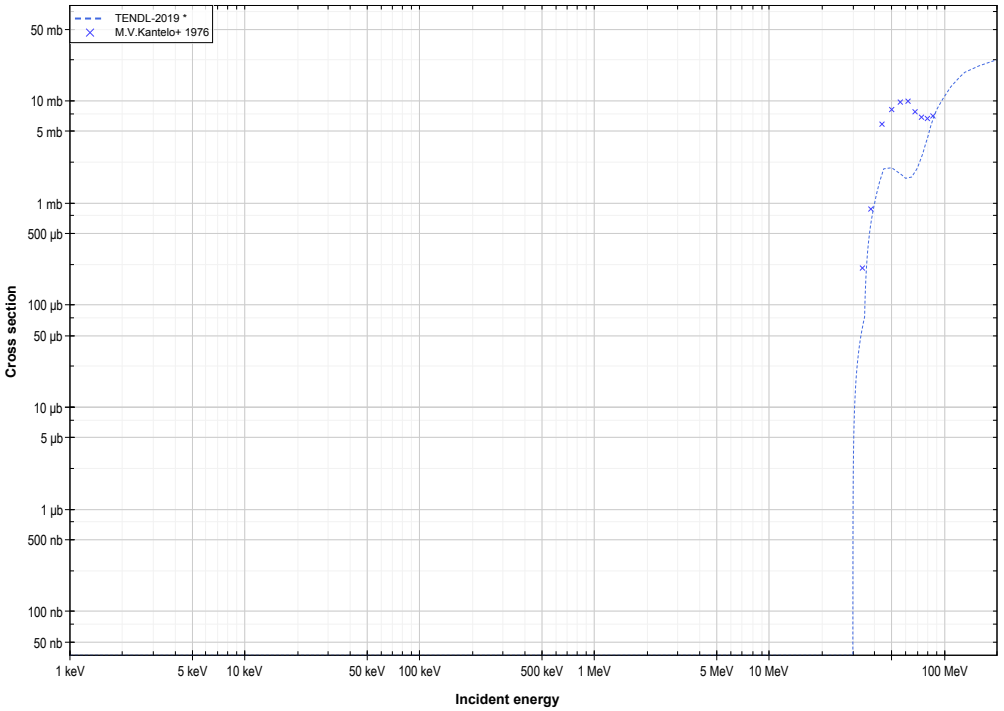
Hg202 (p,n+p+t) or Au198 production lin-log



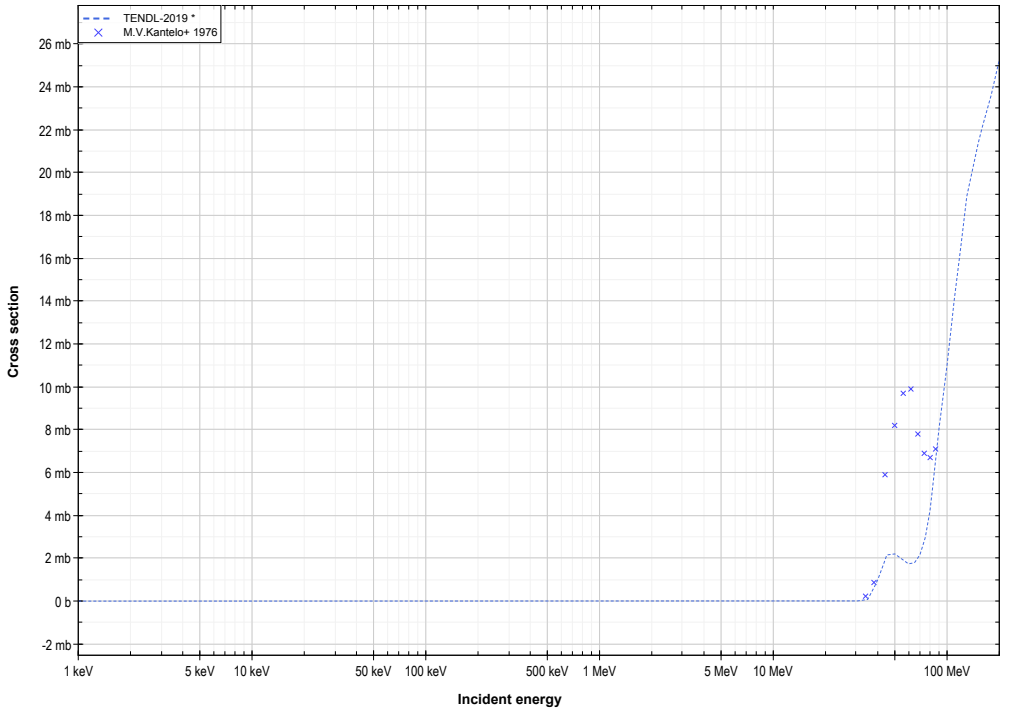
Reaction	Q-Value
Hg202(p,n+α)Au198	-971.76 keV
Hg202(p,d+t)Au198	-18561.06 keV
Hg202(p,n+p+t)Au198	-20785.63 keV
Hg202(p,2n+He3)Au198	-21549.38 keV
Hg202(p,n+2d)Au198	-24818.29 keV
Hg202(p,2n+p+d)Au198	-27042.86 keV
Hg202(p,3n+2p)Au198	-29267.42 keV

<< 76-Os-192	**80-Hg-202**	90-Th-232 >>
<< MT184 (p,n+p+t)	**MT200 (p,5n+2p) or MT5 (Au196 production)**	81-Tl-203 MT16 (p,2n) >>

Hg202 (p,5n+2p) or Au196 production log-log



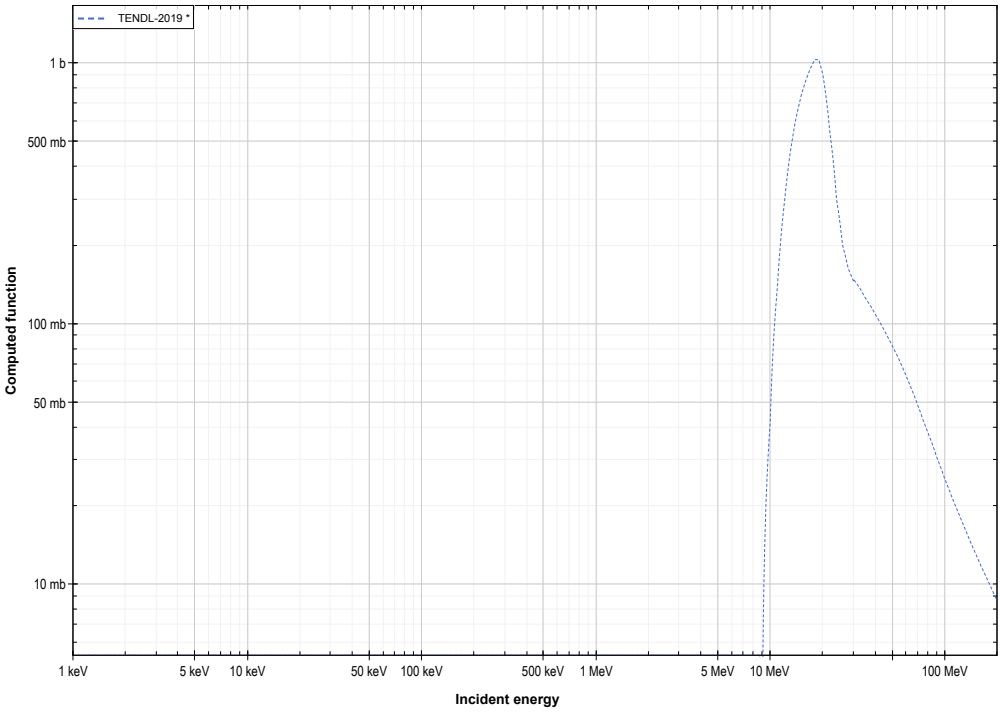
Hg202 (p,5n+2p) or Au196 production lin-log



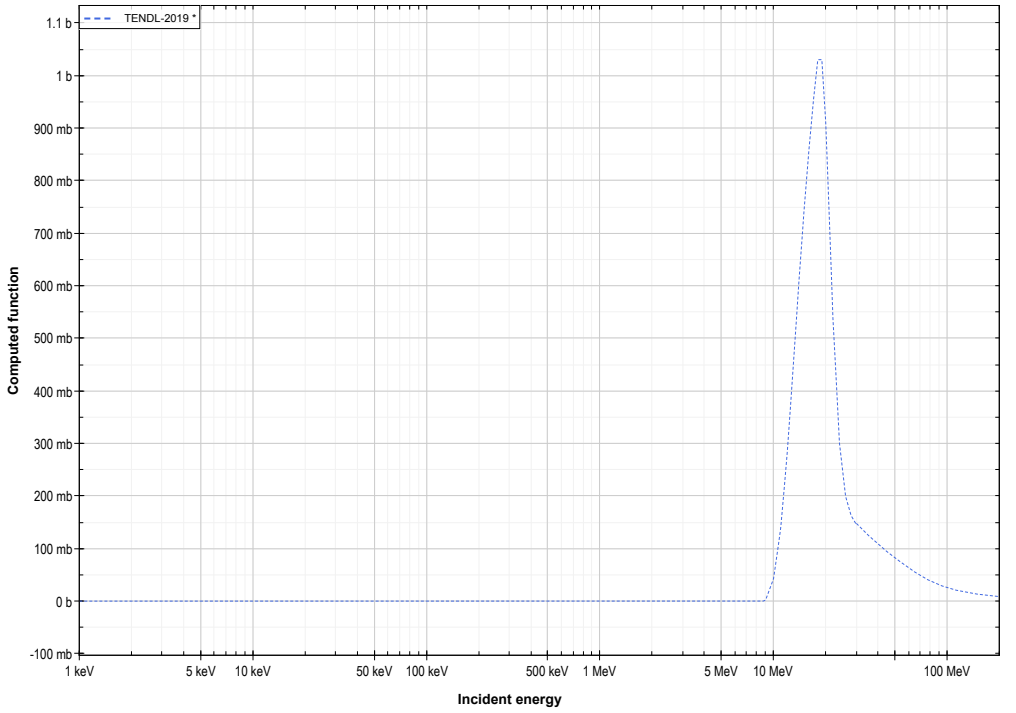
Reaction	Q-Value
Hg202(p,3n+α)Au196	-15556.50 keV
Hg202(p,n+2t)Au196	-26888.57 keV
Hg202(p,2n+d+t)Au196	-33145.80 keV
Hg202(p,3n+p+t)Au196	-35370.36 keV
Hg202(p,4n+He3)Au196	-36134.12 keV
Hg202(p,3n+2d)Au196	-39403.02 keV
Hg202(p,4n+p+d)Au196	-41627.59 keV
Hg202(p,5n+2p)Au196	-43852.16 keV

<< 80-Hg-202	**81-Tl-203**	81-Tl-205 >>
<< 80-Hg-202 MT200 (p,5n+2p)	**MT16 (p,2n) or MT5 (Pb202 production)**	MT17 (p,3n) >>

Tl203 (p,2n) or Pb202 production log-log



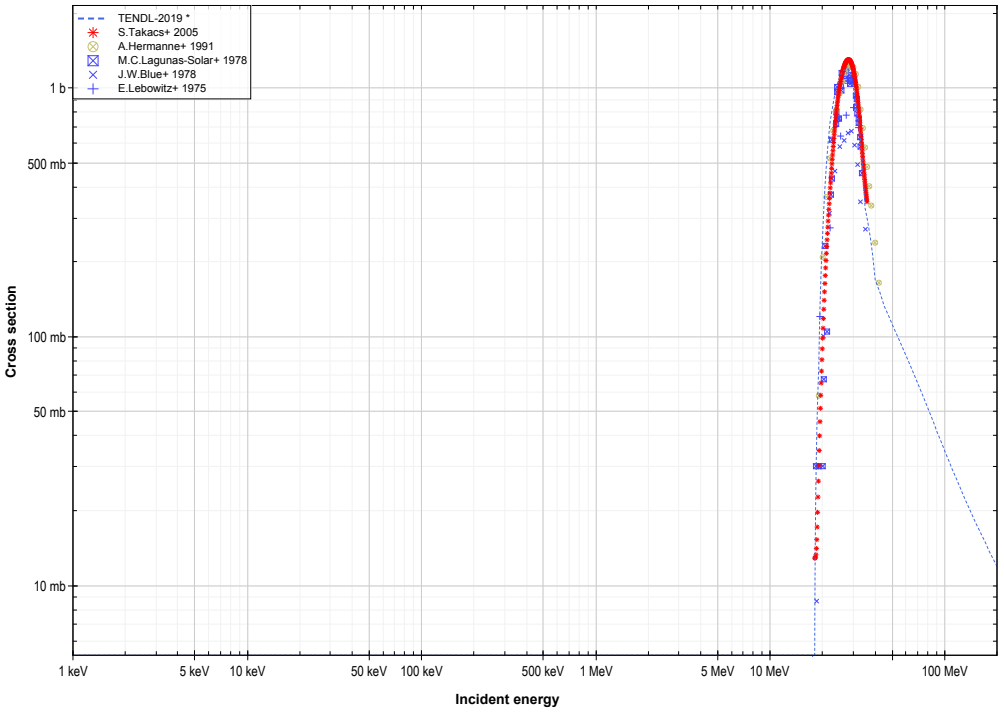
Tl203 (p,2n) or Pb202 production lin-log



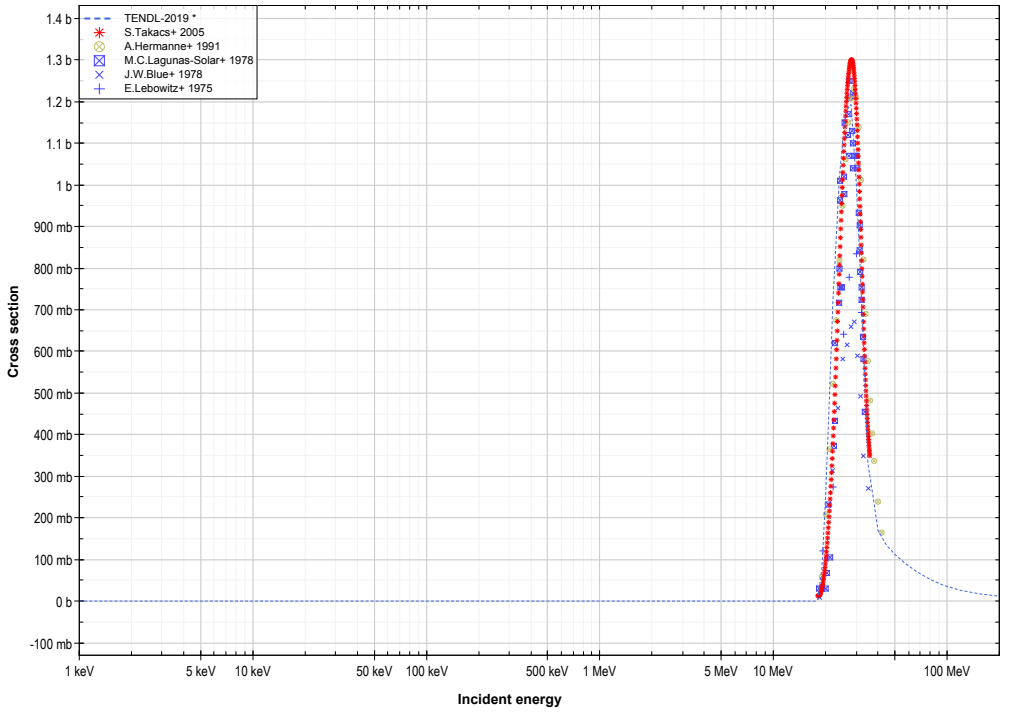
Reaction	Q-Value
Tl203(p,2n)Pb202	-8674.06 keV

<< 79-Au-197	**81-Tl-203**	81-Tl-205 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Pb201 production)**	MT18 (p,fission) >>

Tl203 (p,3n) or Pb201 production log-log



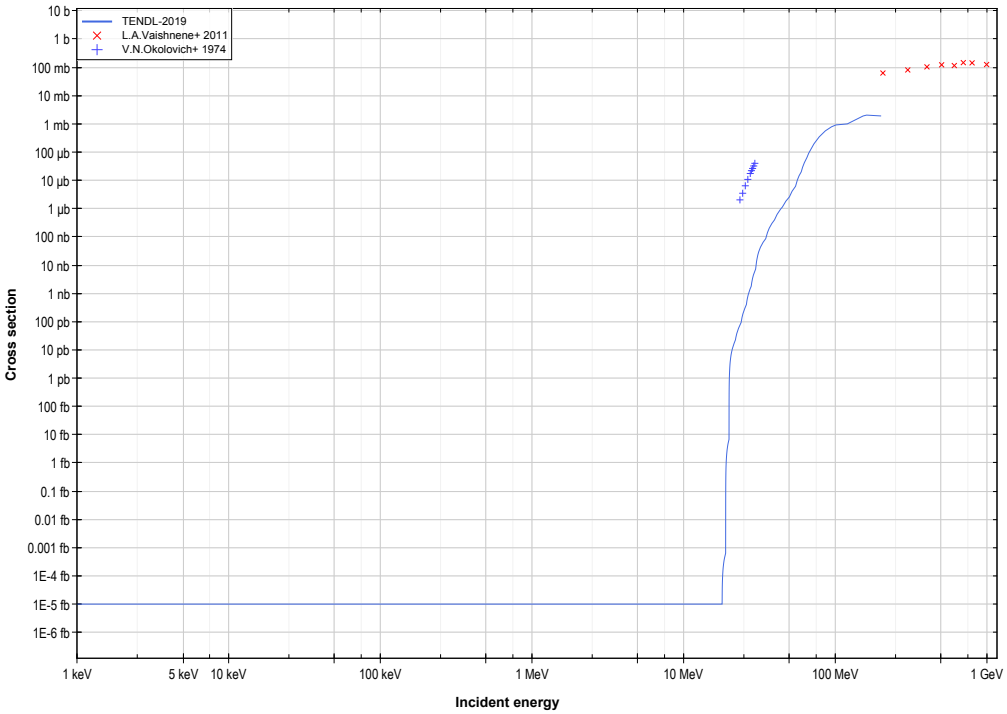
Tl203 (p,3n) or Pb201 production lin-log



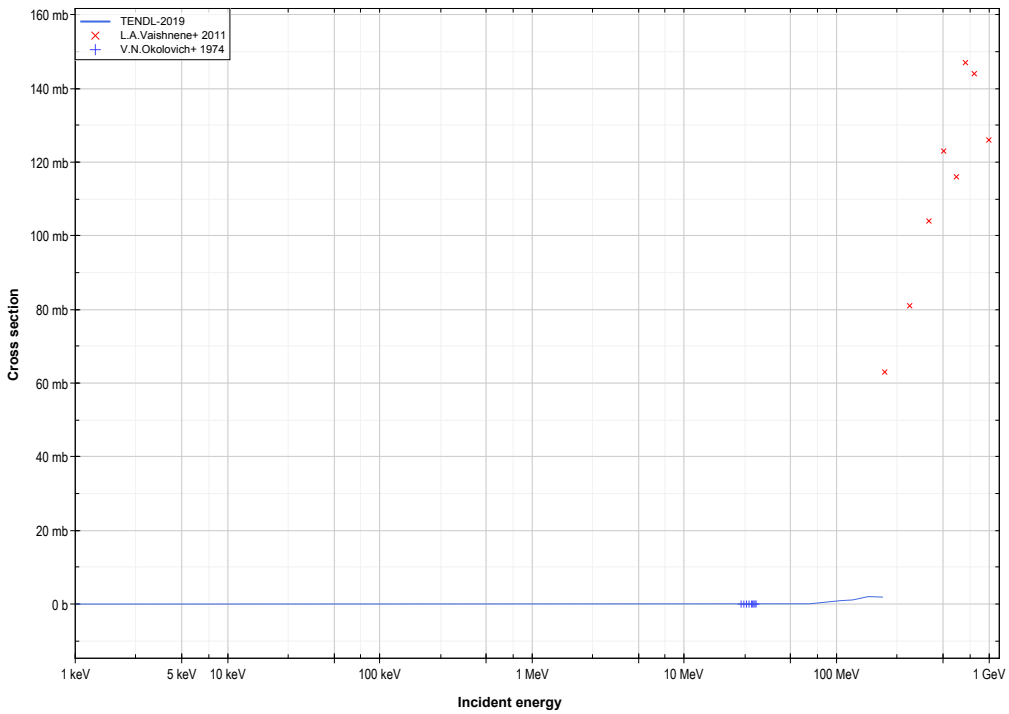
Reaction	Q-Value
Tl203(p,3n)Pb201	-17415.38 keV

<< 79-Au-197	**81-Tl-203**	81-Tl-205 >>
<< MT17 (p,3n)	**MT18 (p,fission)**	MT37 (p,4n) >>

Tl203 (p,fission) log-log

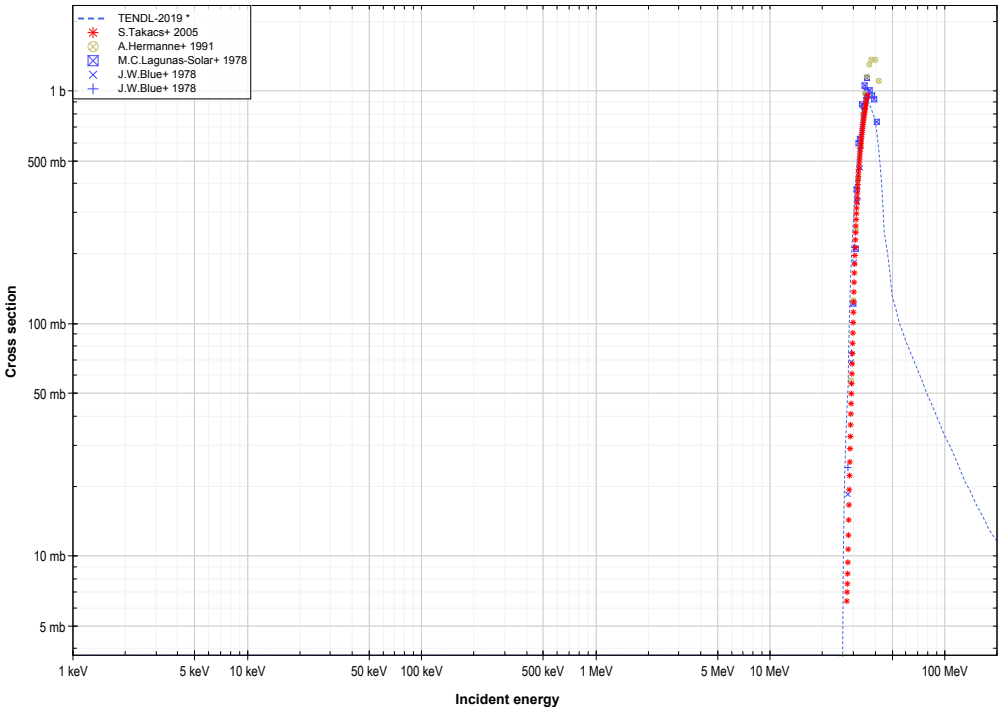


Tl203 (p,fission) lin-log

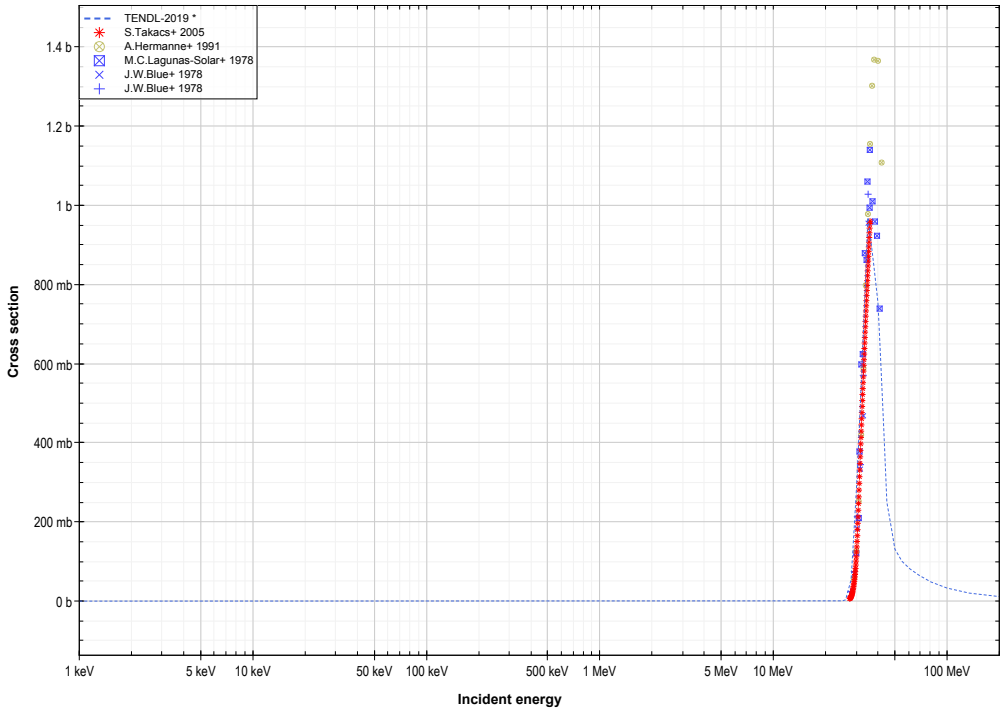


<< 79-Au-197	**81-Tl-203**	81-Tl-205 >>
<< MT18 (p,fission)	**MT37 (p,4n) or MT5 (Pb200 production)**	MT107 (p,α) >>

Tl203 (p,4n) or Pb200 production log-log



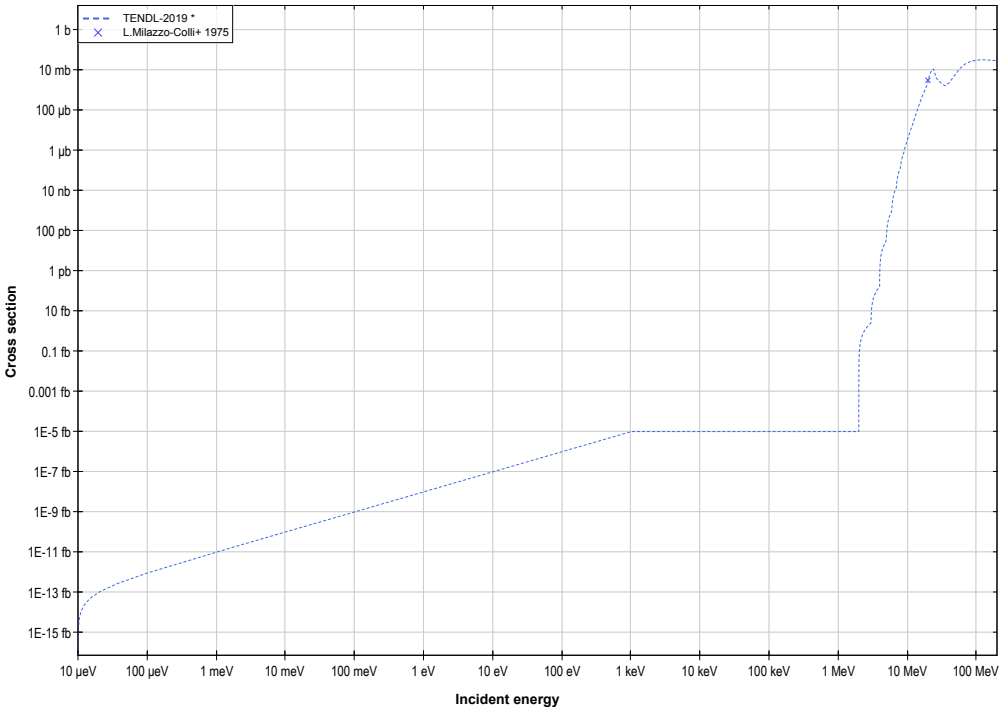
Tl203 (p,4n) or Pb200 production lin-log



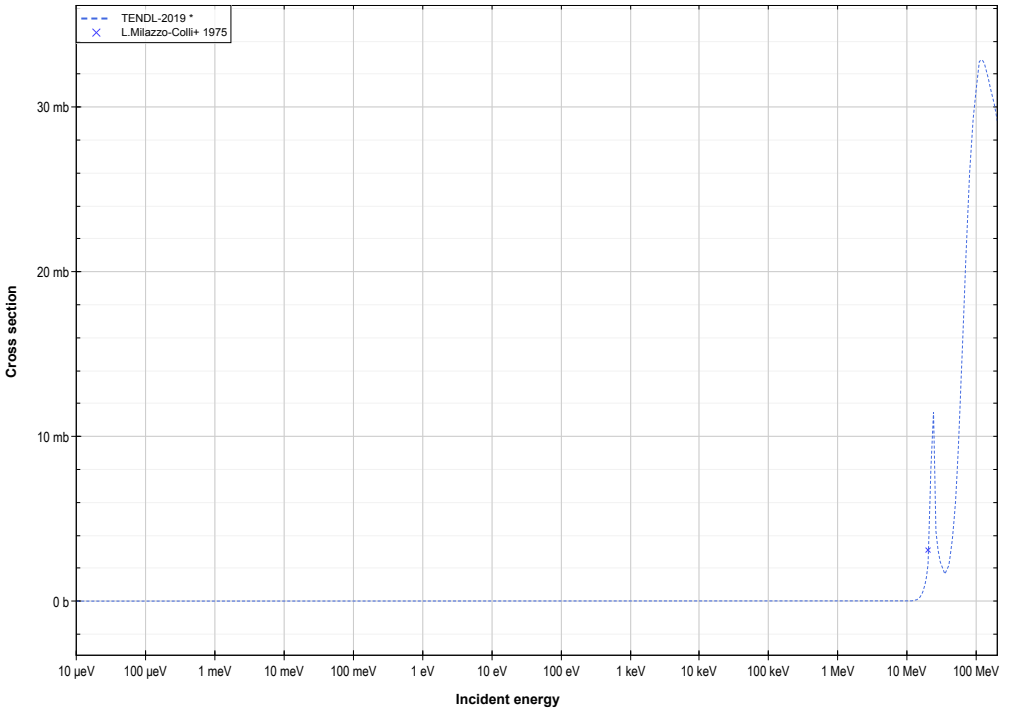
Reaction	Q-Value
Tl203(p,4n)Pb200	-24506.70 keV

<< 79-Au-197	**81-Tl-203**	81-Tl-205 >>
<< MT37 (p,4n)	**MT107 (p,α) or MT5 (Hg200 production)**	81-Tl-205 MT16 (p,2n) >>

Tl203 (p,α) or Hg200 production log-log



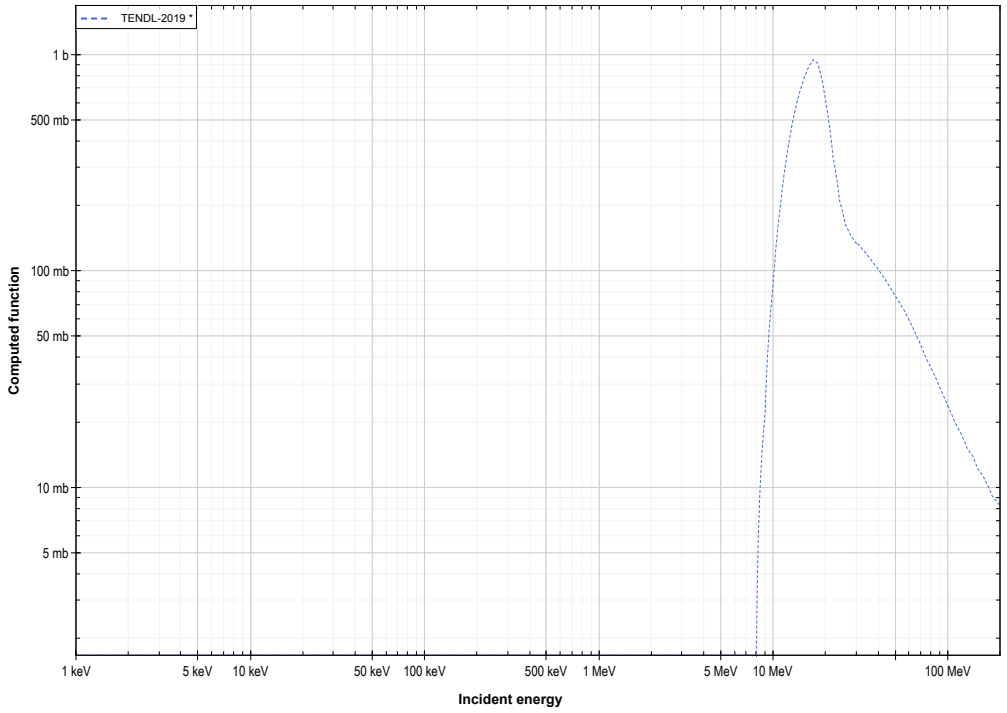
Tl203 (p,α) or Hg200 production lin-log



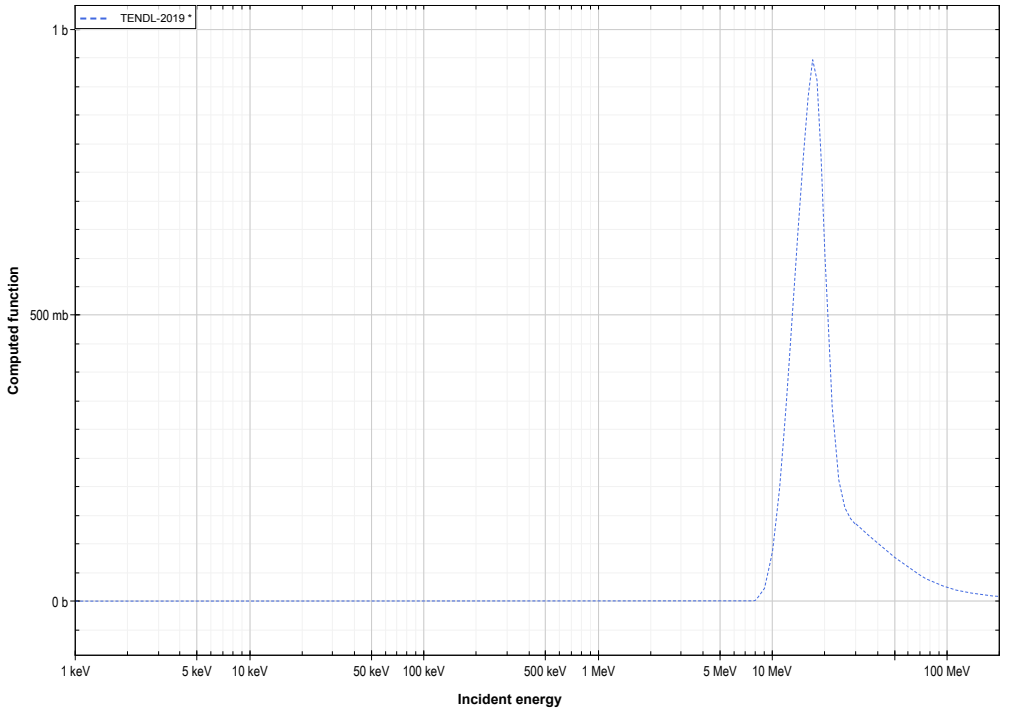
Reaction	Q-Value
Tl203(p,α)Hg200	8605.96 keV
Tl203(p,p+t)Hg200	-11207.91 keV
Tl203(p,n+He3)Hg200	-11971.66 keV
Tl203(p,2d)Hg200	-15240.57 keV
Tl203(p,n+p+d)Hg200	-17465.14 keV
Tl203(p,2n+2p)Hg200	-19689.70 keV

<< 81-Tl-203	**81-Tl-205**	82-Pb-206 >>
<< 81-Tl-203 MT107 (p,α)	**MT16 (p,2n) or MT5 (Pb204 production)**	MT17 (p,3n) >>

Tl205 (p,2n) or Pb204 production log-log



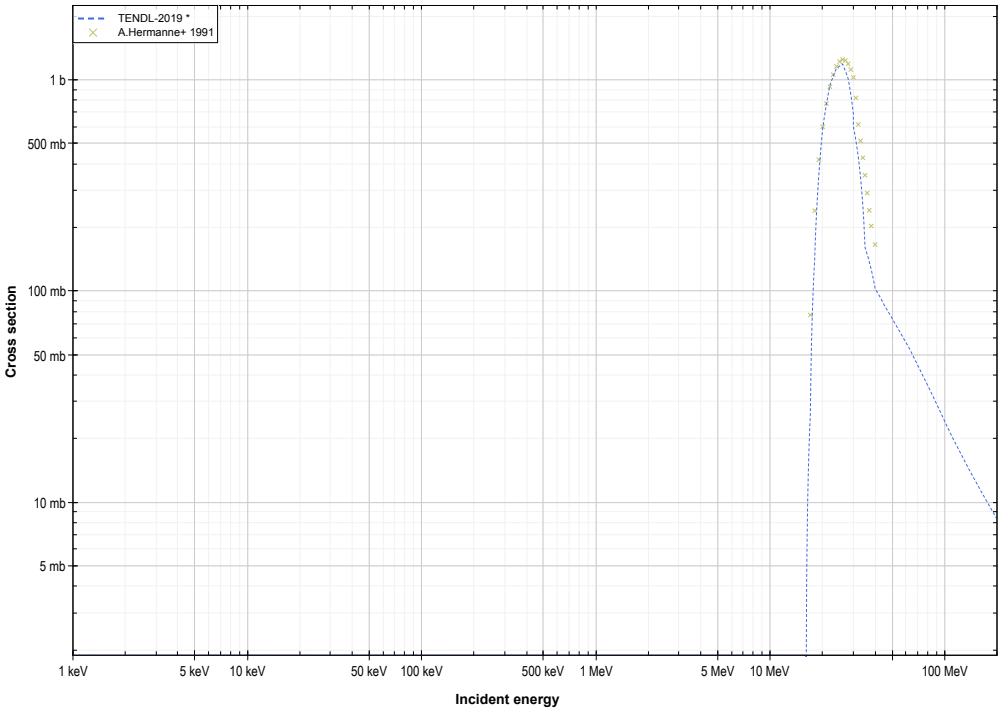
Tl205 (p,2n) or Pb204 production lin-log



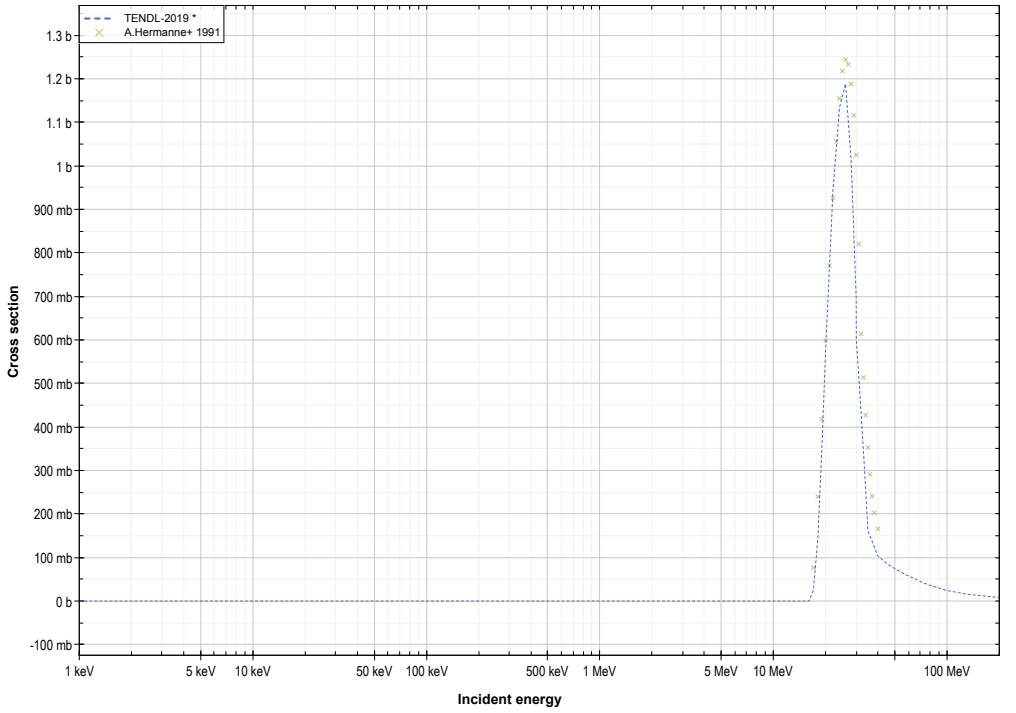
Reaction	Q-Value
Tl205(p,2n)Pb204	-7564.66 keV

<< 81-Tl-203	**81-Tl-205**	82-Pb-206 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Pb203 production)**	MT18 (p,fission) >>

Tl205 (p,3n) or Pb203 production log-log



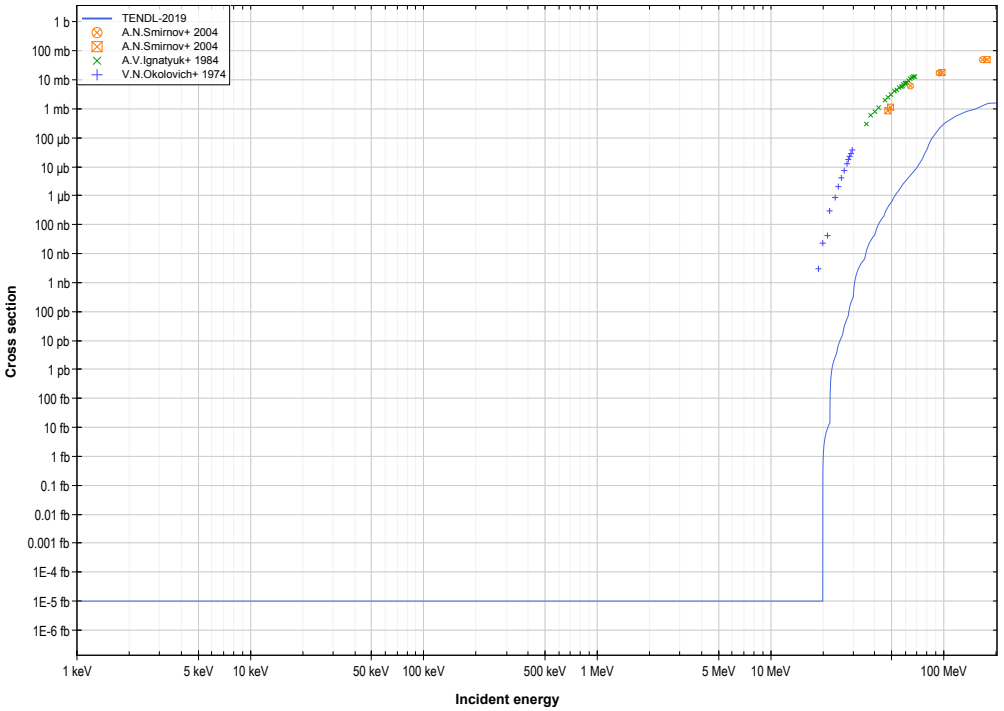
Tl205 (p,3n) or Pb203 production lin-log



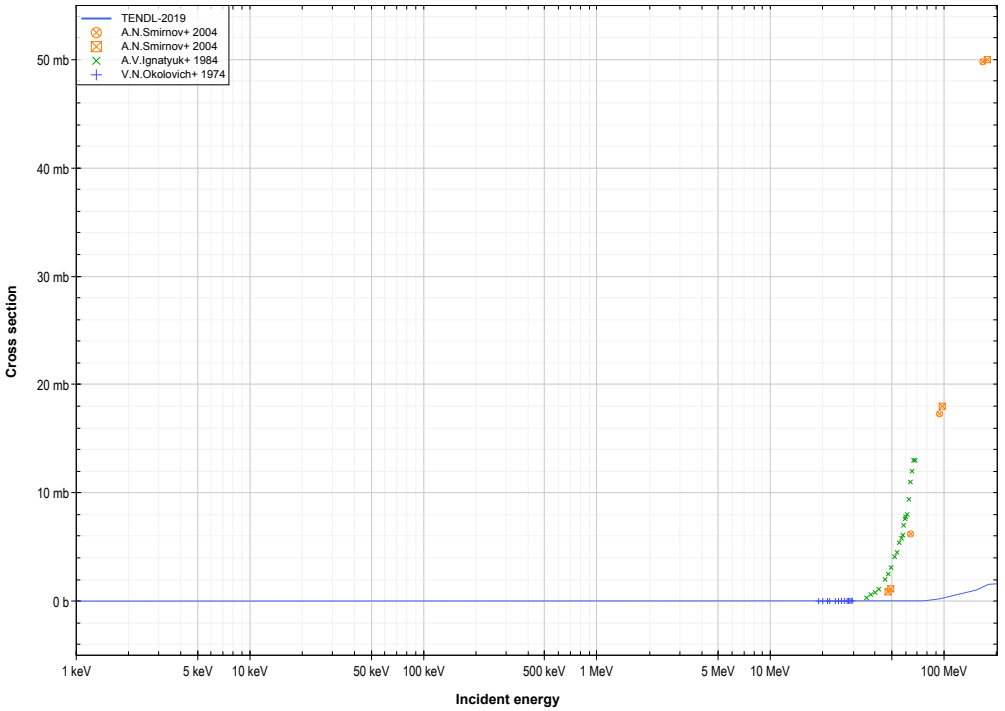
Reaction	Q-Value
Tl205(p,3n)Pb203	-15958.88 keV

<< 81-Tl-203	**81-Tl-205**	82-Pb-204 >>
<< MT17 (p,3n)	**MT18 (p,fission)**	MT37 (p,4n) >>

Tl205 (p,fission) log-log

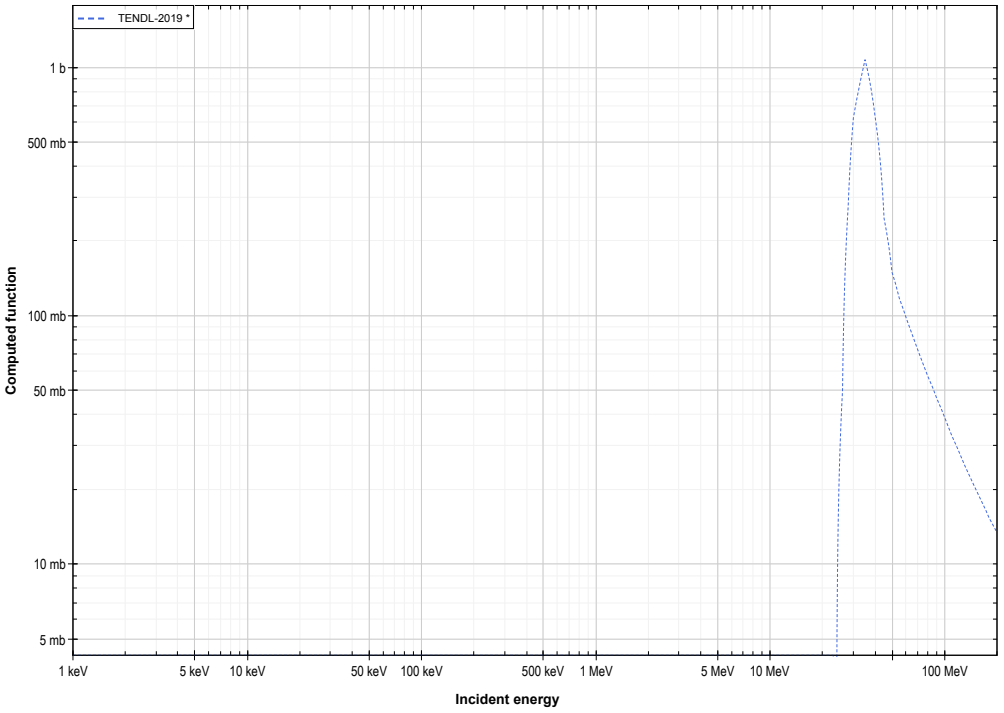


Tl205 (p,fission) lin-log

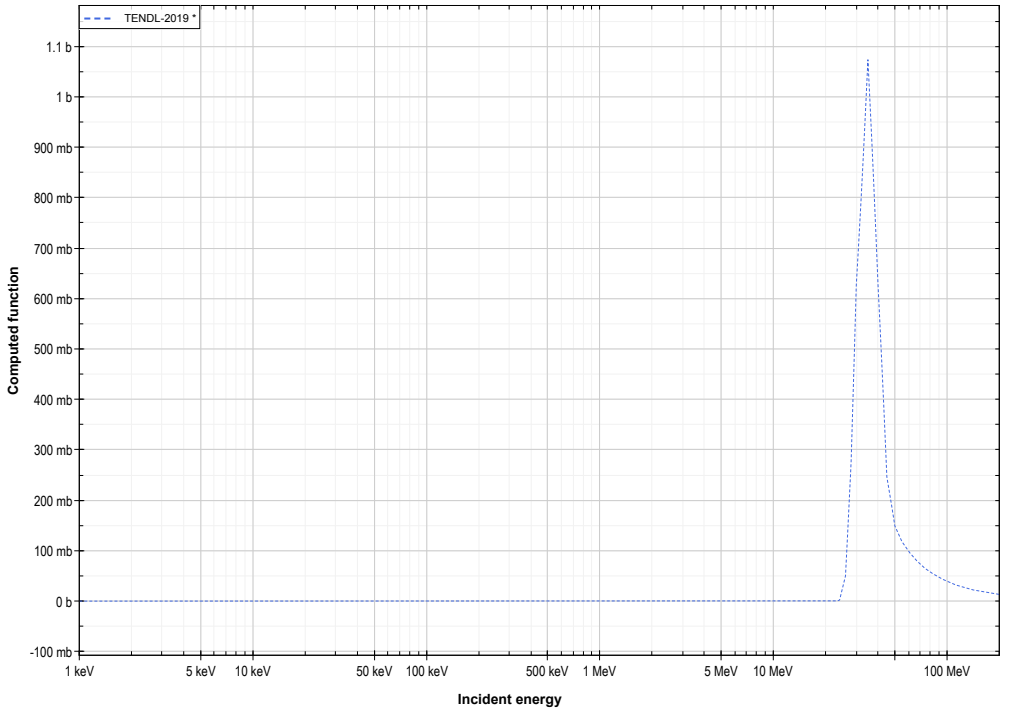


<< 81-Tl-203	**81-Tl-205**	82-Pb-207 >>
<< MT18 (p,fission)	**MT37 (p,4n) or MT5 (Pb202 production)**	MT107 (p,α) >>

Tl205 (p,4n) or Pb202 production log-log



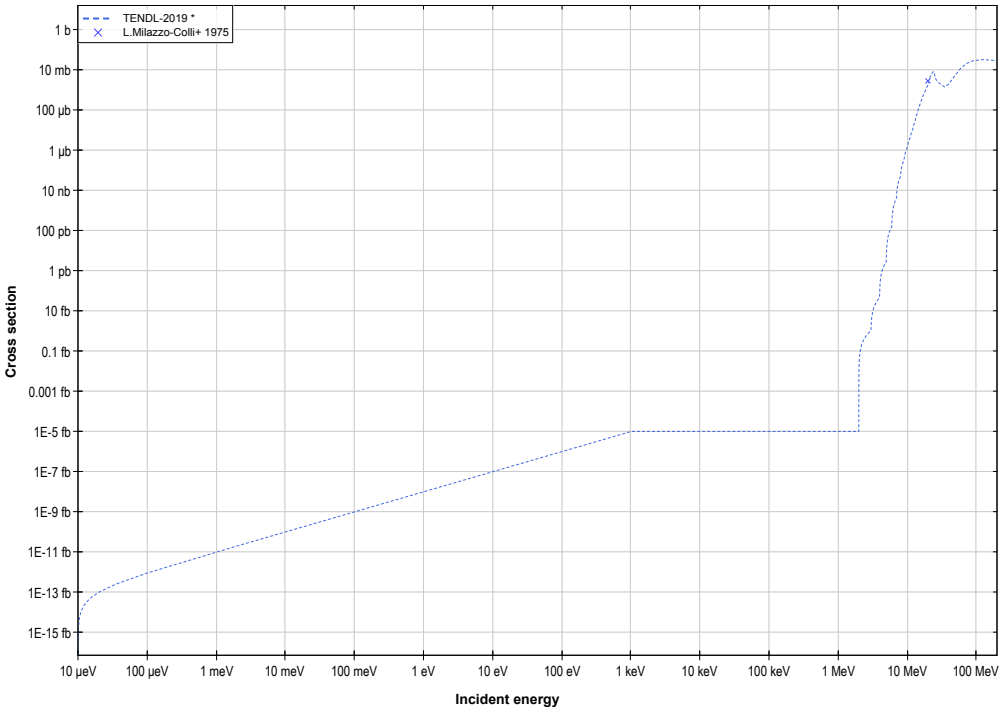
Tl205 (p,4n) or Pb202 production lin-log



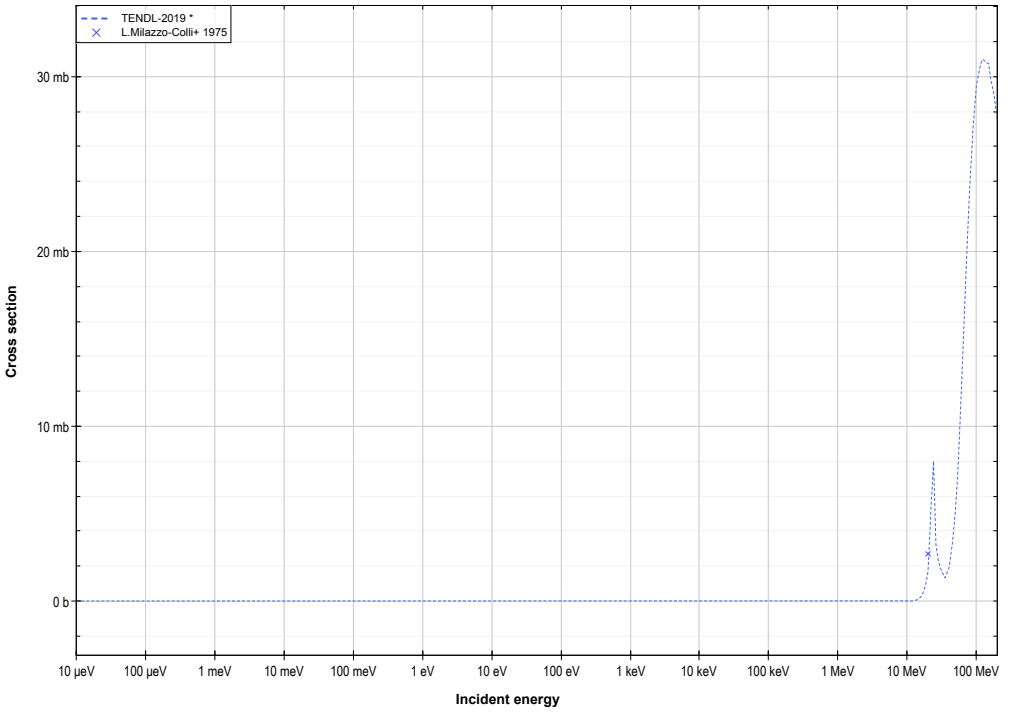
Reaction	Q-Value
Tl205(p,4n)Pb202	-22876.20 keV

<< 81-Tl-203	**81-Tl-205**	82-Pb-206 >>
<< MT37 (p,4n)	**MT107 (p,α) or MT5 (Hg202 production)**	MT152 (p,5n) >>

Tl205 (p,α) or Hg202 production log-log



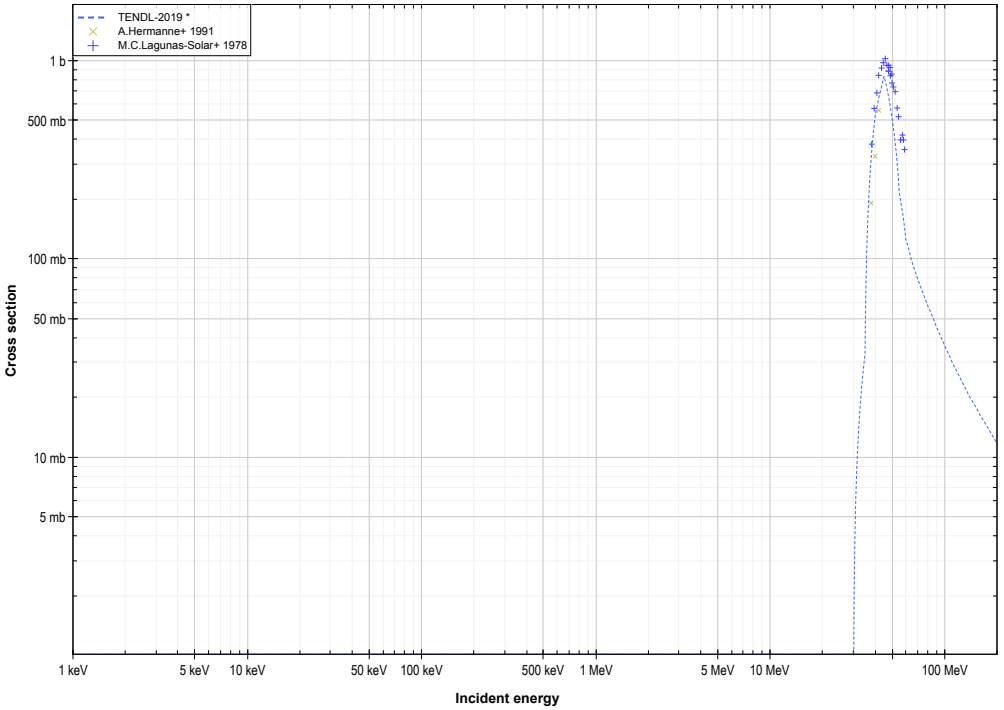
Tl205 (p,α) or Hg202 production lin-log



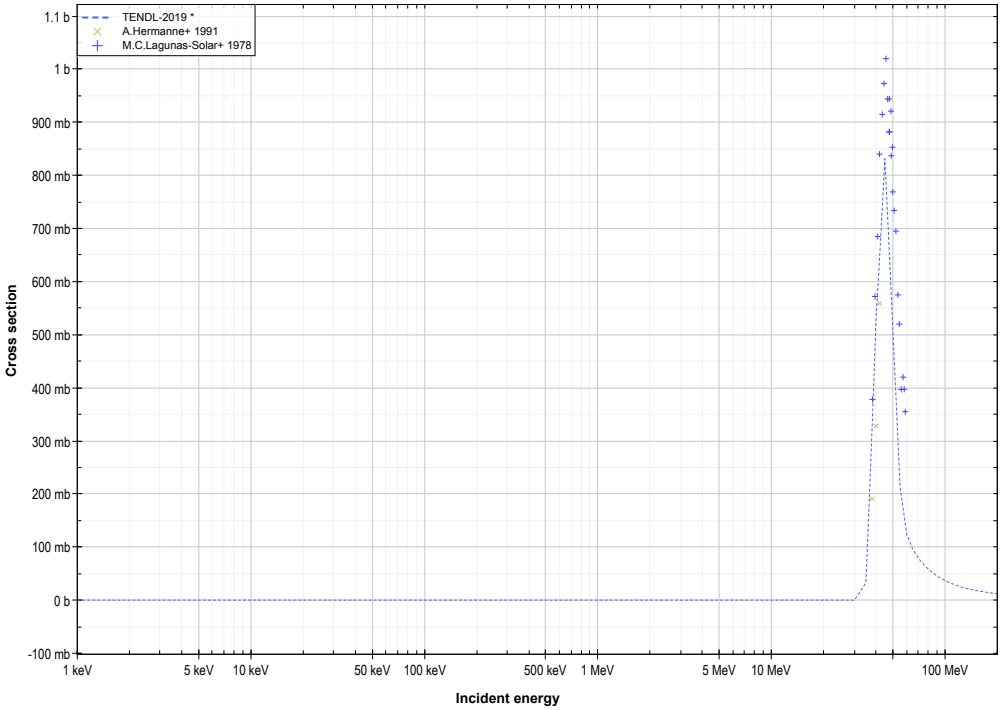
Reaction	Q-Value
Tl205(p,α)Hg202	8388.46 keV
Tl205(p,p+t)Hg202	-11425.41 keV
Tl205(p,n+He3)Hg202	-12189.16 keV
Tl205(p,2d)Hg202	-15458.07 keV
Tl205(p,n+p+d)Hg202	-17682.64 keV
Tl205(p,2n+2p)Hg202	-19907.20 keV

<< 79-Au-197	**81-Tl-205**	82-Pb-206 >>
<< MT107 (p,α)	**MT152 (p,5n) or MT5 (Pb201 production)**	MT153 (p,6n) >>

Tl205 (p,5n) or Pb201 production log-log



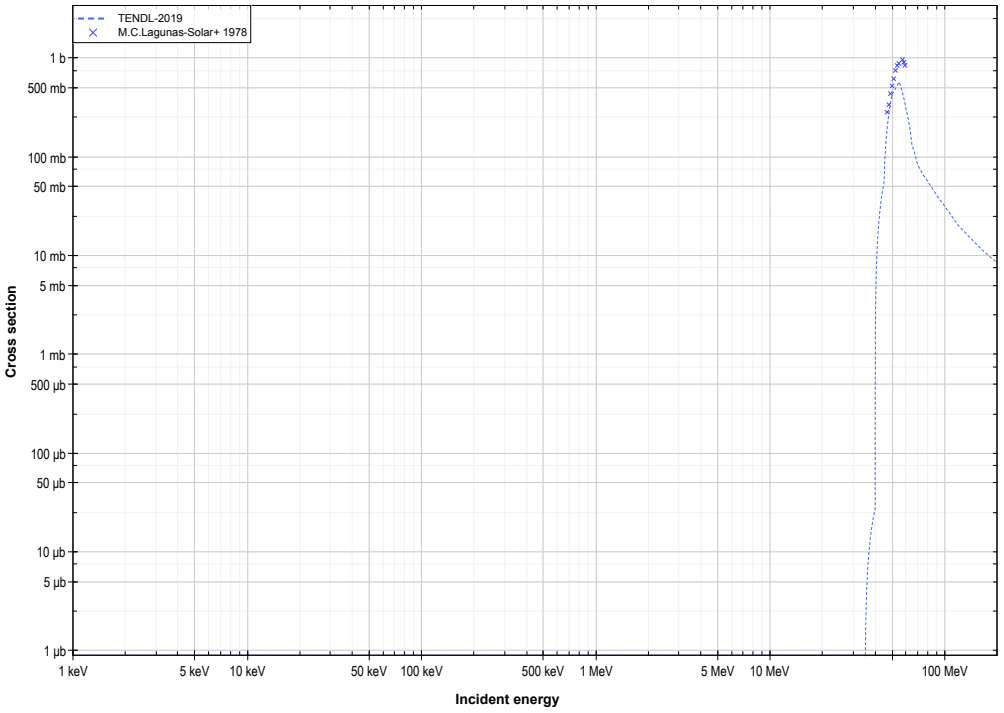
Tl205 (p,5n) or Pb201 production lin-log



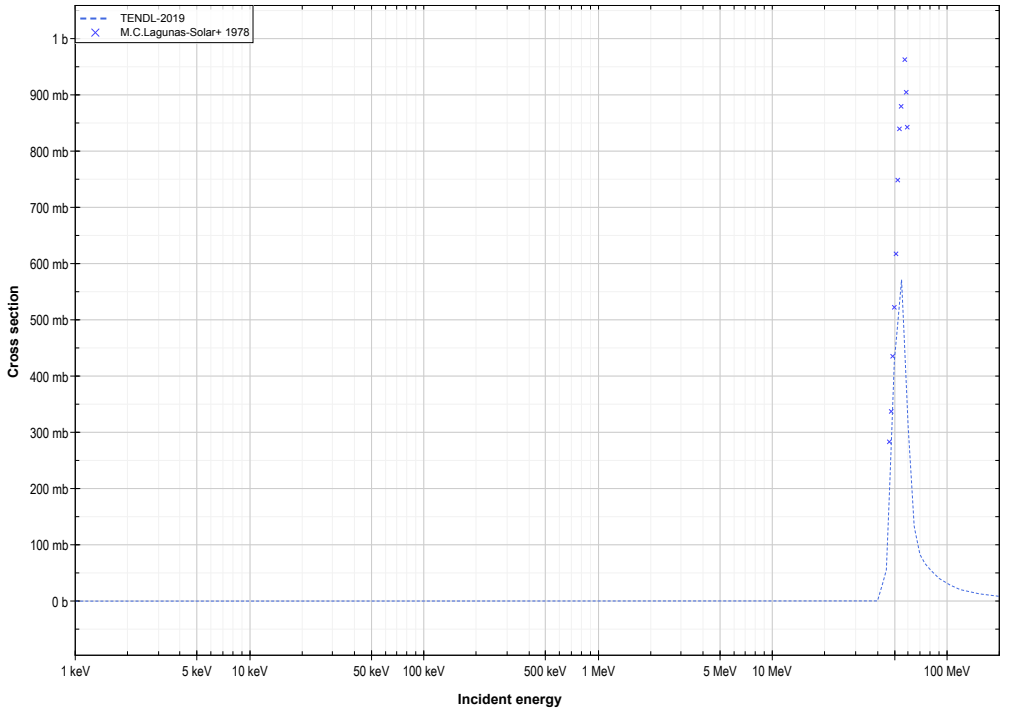
Reaction	Q-Value
Tl205(p,5n)Pb201	-31617.51 keV

<< 79-Au-197	**81-Tl-205**	83-Bi-209 >>
<< MT152 (p,5n)	**MT153 (p,6n) or MT5 (Pb200 production)**	82-Pb-204 MT18 (p,fission) >>

Tl205 (p,6n) or Pb200 production log-log



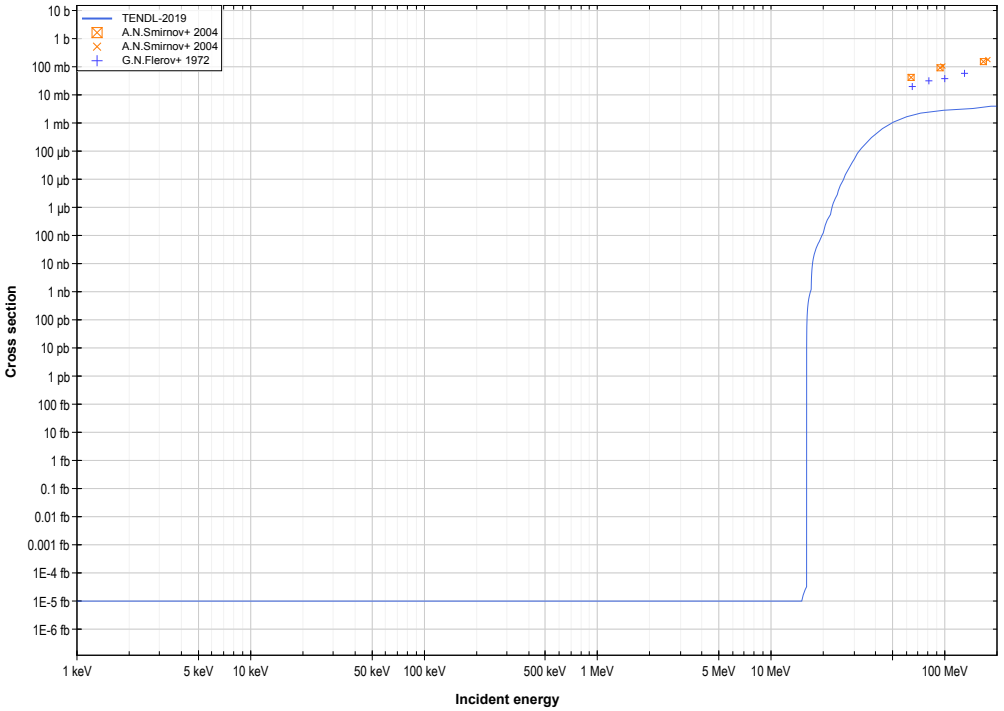
Tl205 (p,6n) or Pb200 production lin-log



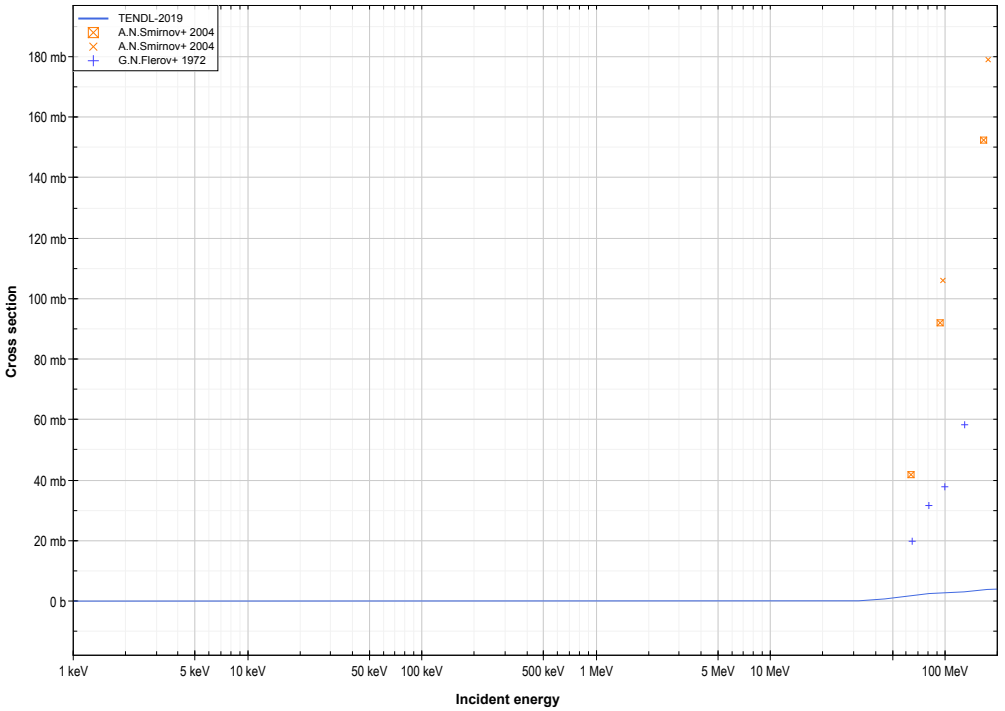
Reaction	Q-Value
Tl205(p,6n)Pb200	-38708.83 keV

<< 81-Tl-205	**82-Pb-204**	82-Pb-206 >>
<< 81-Tl-205 MT153 (p,6n)	**MT18 (p,fission)**	82-Pb-206 MT4 (p,n) >>

Pb204 (p,fission) log-log

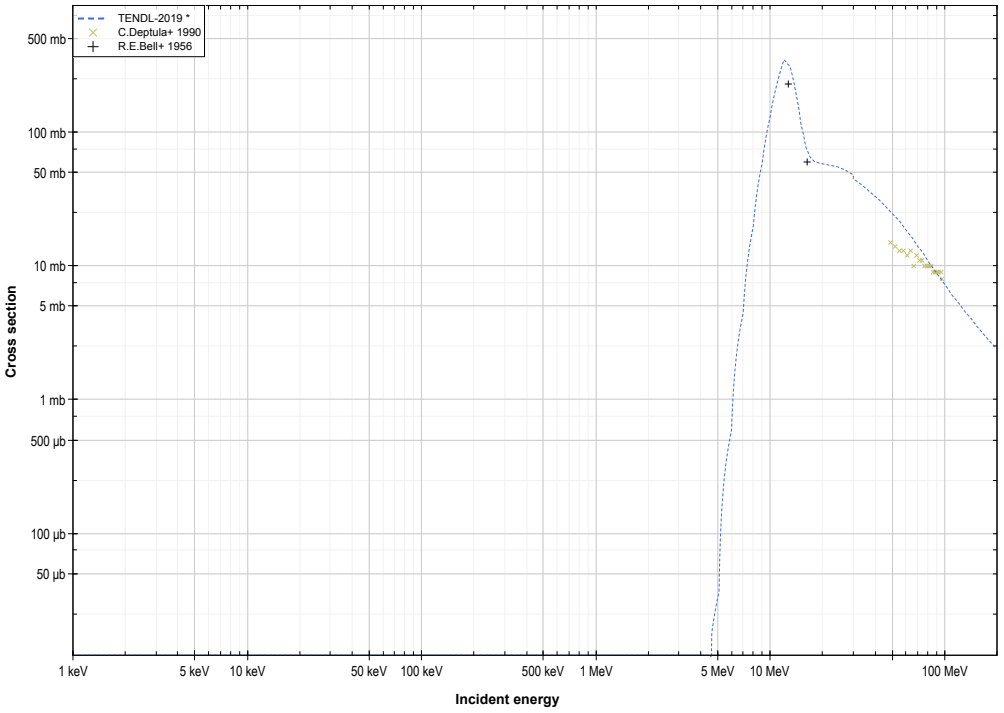


Pb204 (p,fission) lin-log

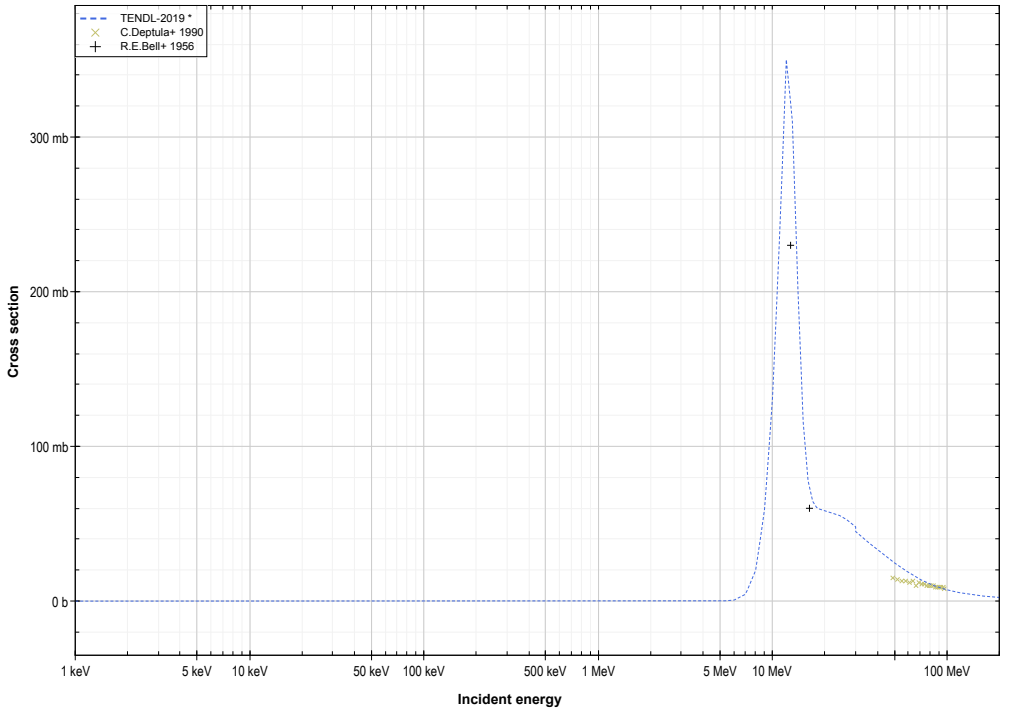


<< 80-Hg-202	**82-Pb-206**	83-Bi-209 >>
<< 82-Pb-204 MT18 (p,fission)	**MT4 (p,n) or MT5 (Bi206 production)**	MT16 (p,2n) >>

Pb206 (p,n) or Bi206 production log-log



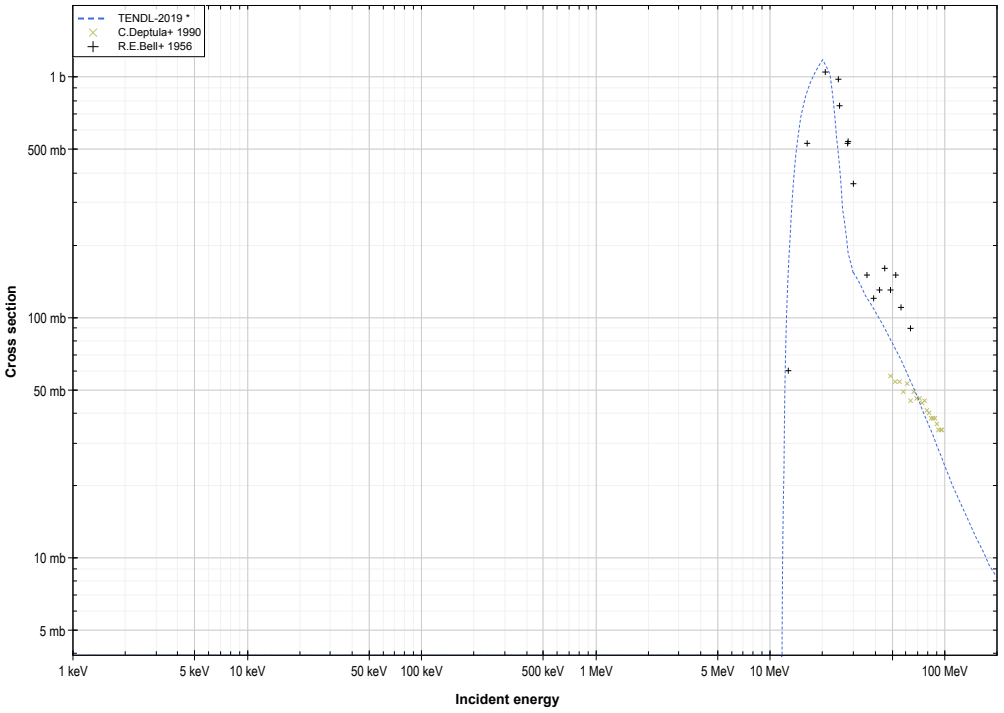
Pb206 (p,n) or Bi206 production lin-log



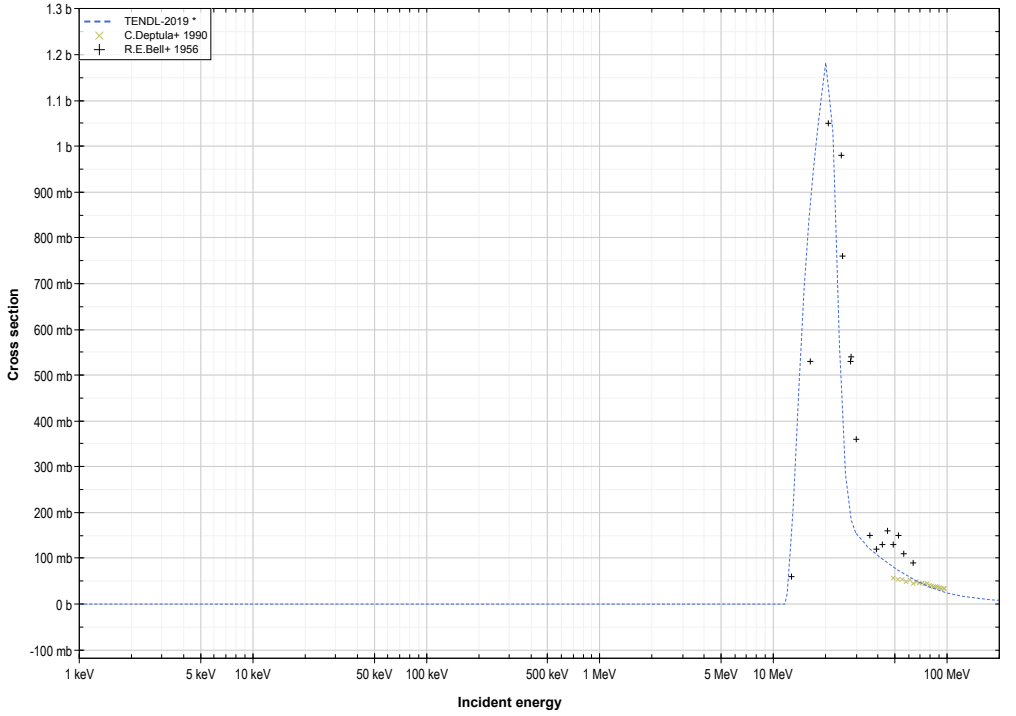
Reaction	Q-Value
Pb206(p,n)Bi206	-4539.95 keV

<< 81-Tl-205	**82-Pb-206**	82-Pb-207 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Bi205 production)**	MT17 (p,3n) >>

Pb206 (p,2n) or Bi205 production log-log



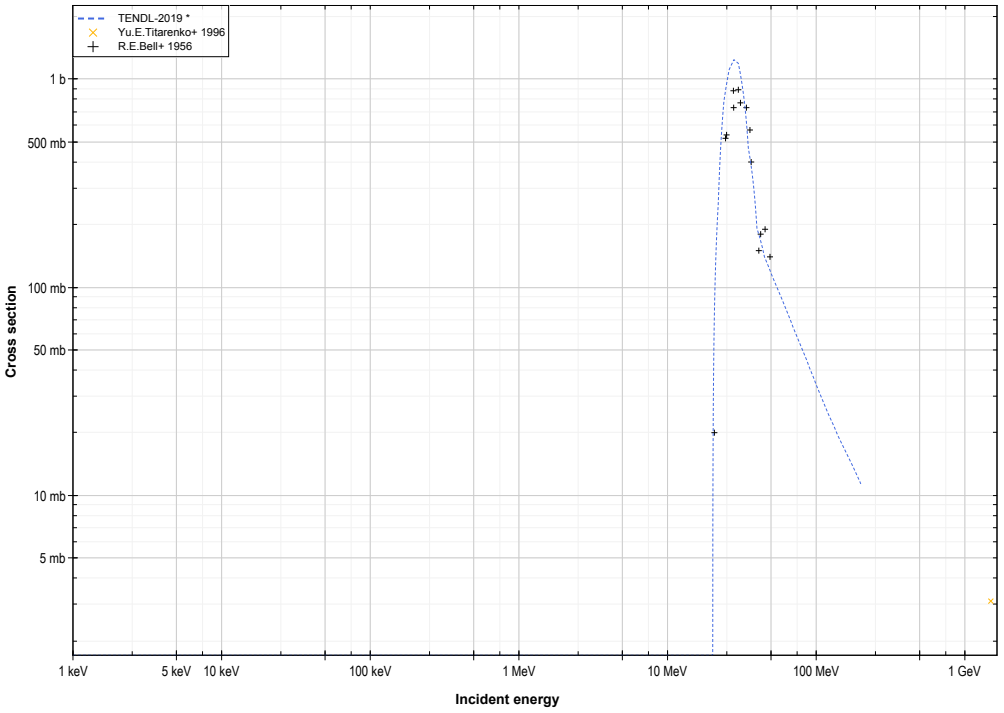
Pb206 (p,2n) or Bi205 production lin-log



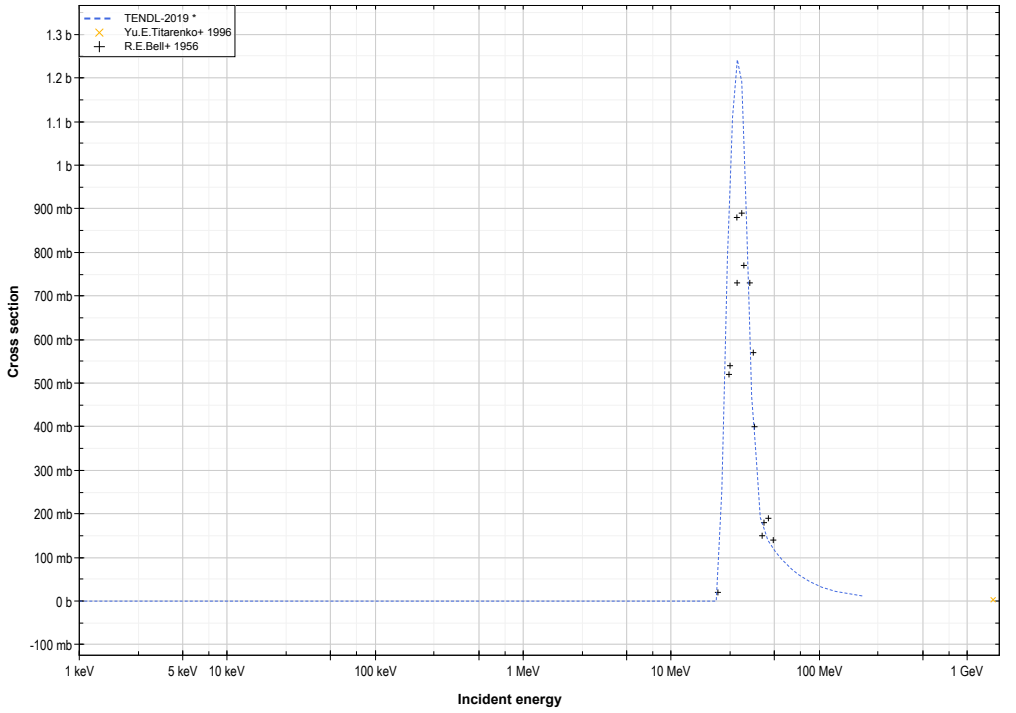
Reaction	Q-Value
Pb206(p,2n)Bi205	-11574.26 keV

<< 81-Tl-205	**82-Pb-206**	82-Pb-207 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Bi204 production)**	MT18 (p,fission) >>

Pb206 (p,3n) or Bi204 production log-log



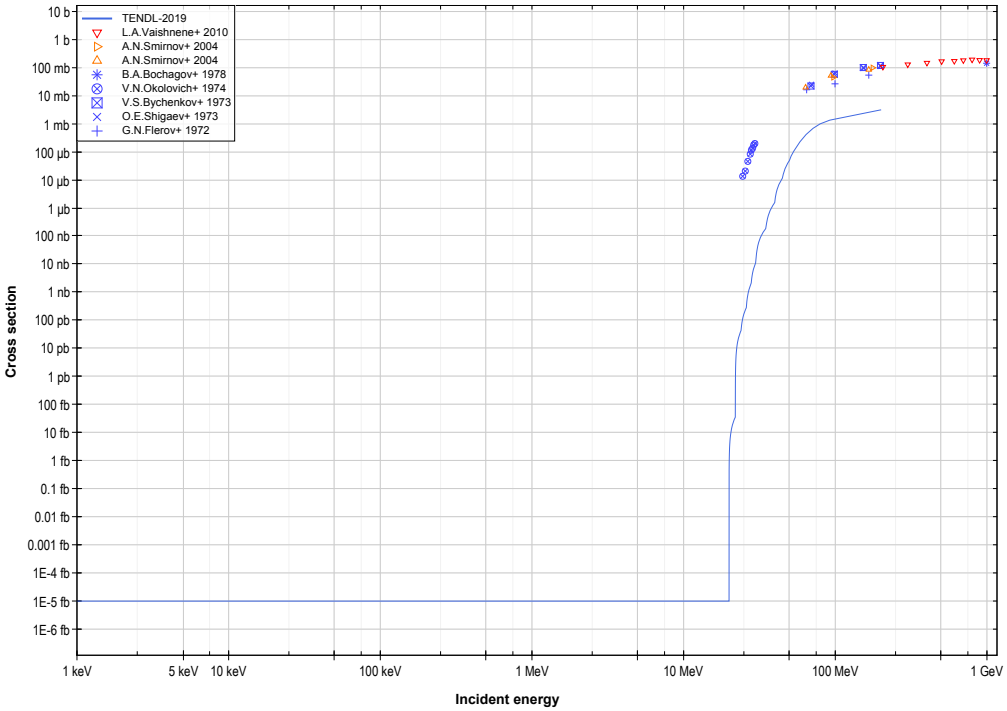
Pb206 (p,3n) or Bi204 production lin-log



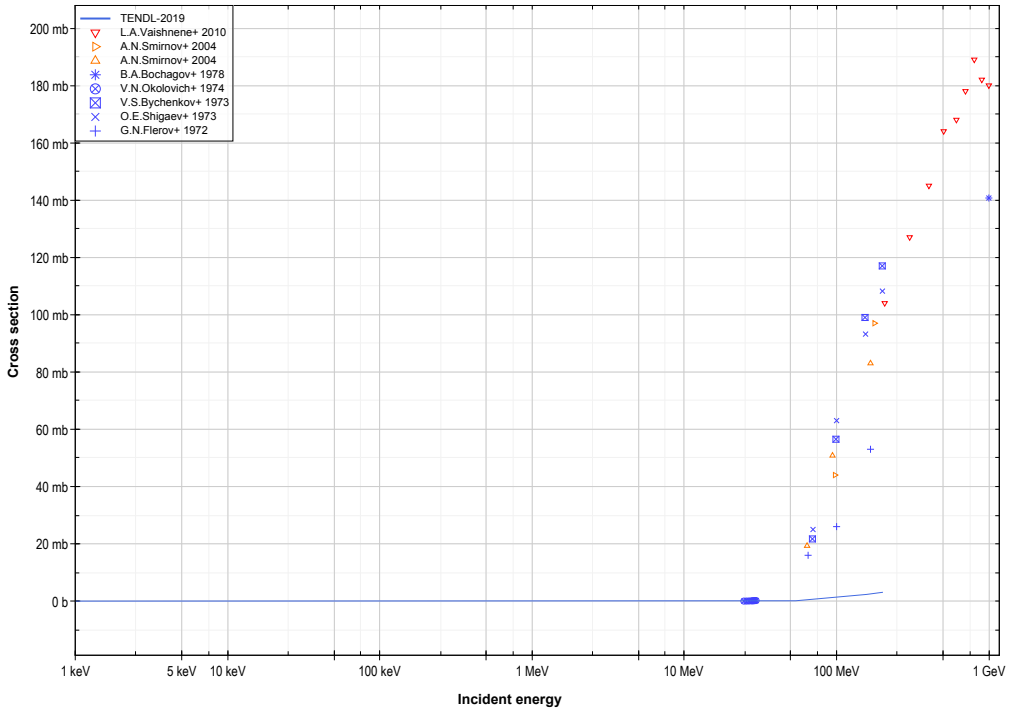
Reaction	Q-Value
Pb206(p,3n)Bi204	-20064.58 keV

<< 82-Pb-204	**82-Pb-206**	82-Pb-207 >>
<< MT17 (p,3n)	**MT18 (p,fission)**	MT107 (p,α) >>

Pb206 (p,fission) log-log

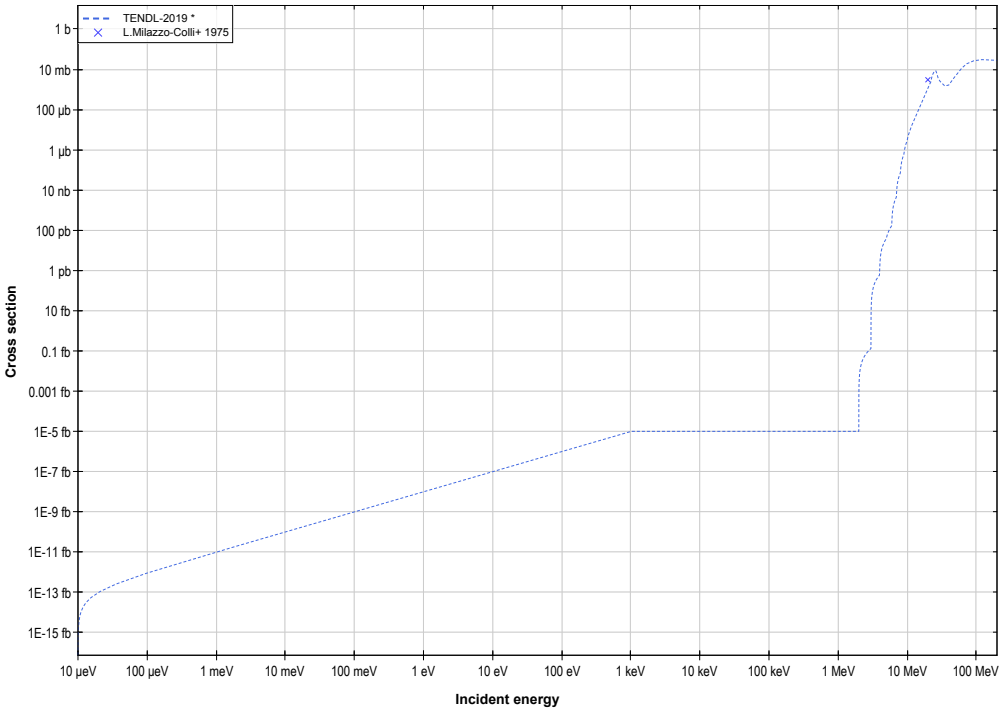


Pb206 (p,fission) lin-log

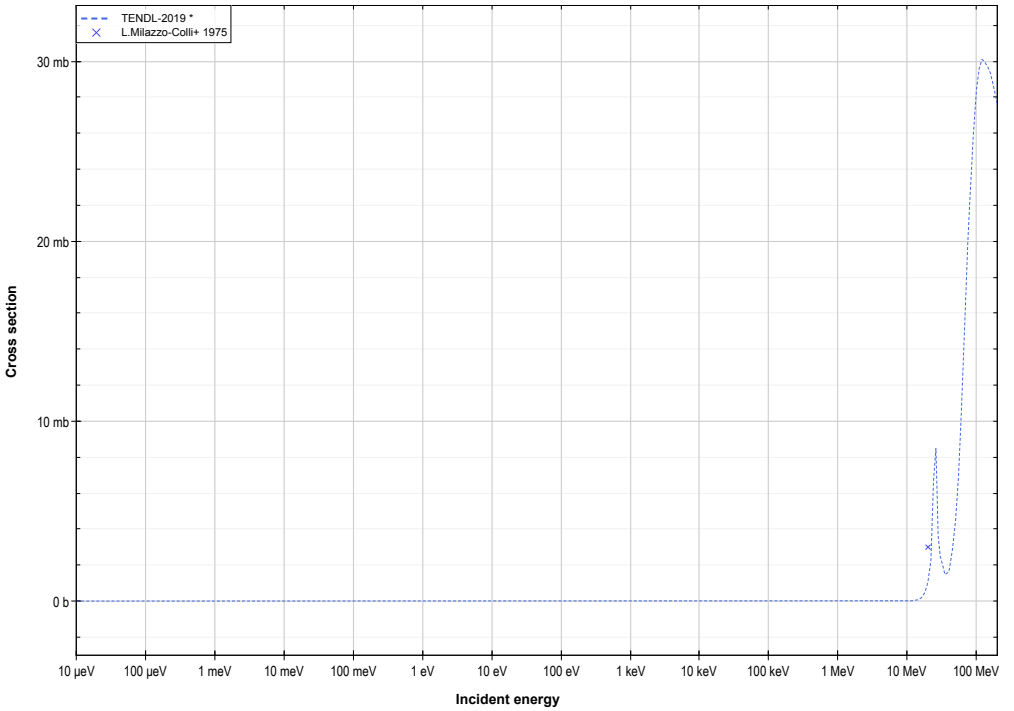


<< 81-Tl-205	**82-Pb-206**	82-Pb-207 >>
<< MT18 (p,fission)	**MT107 (p,α) or MT5 (Tl203 production)**	MT152 (p,5n) >>

Pb206 (p,α) or Tl203 production log-log



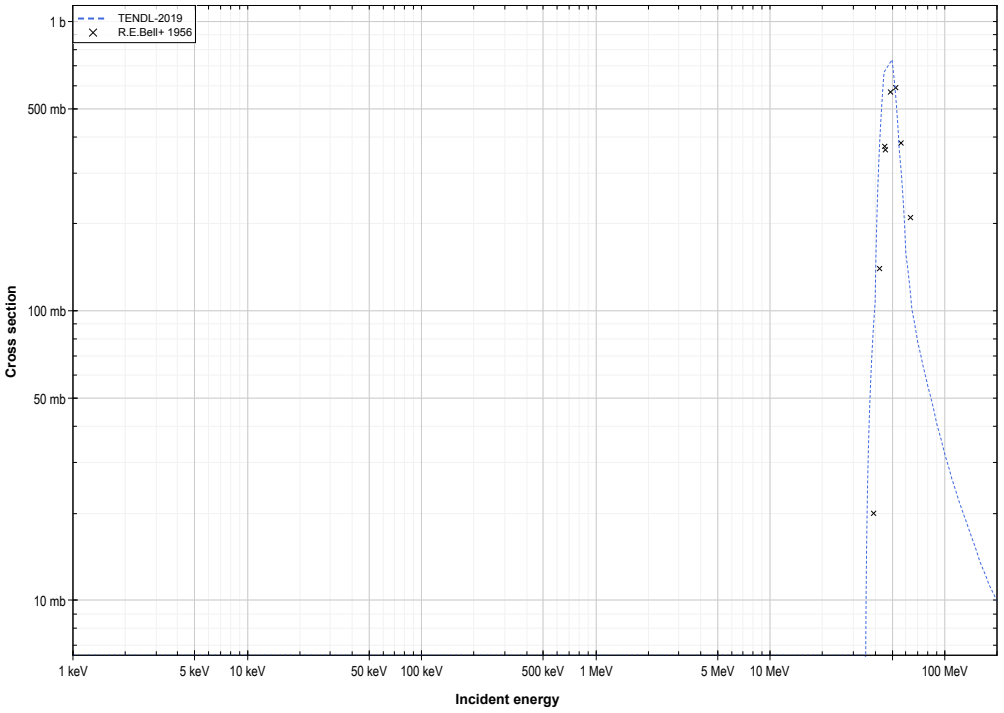
Pb206 (p,α) or Tl203 production lin-log



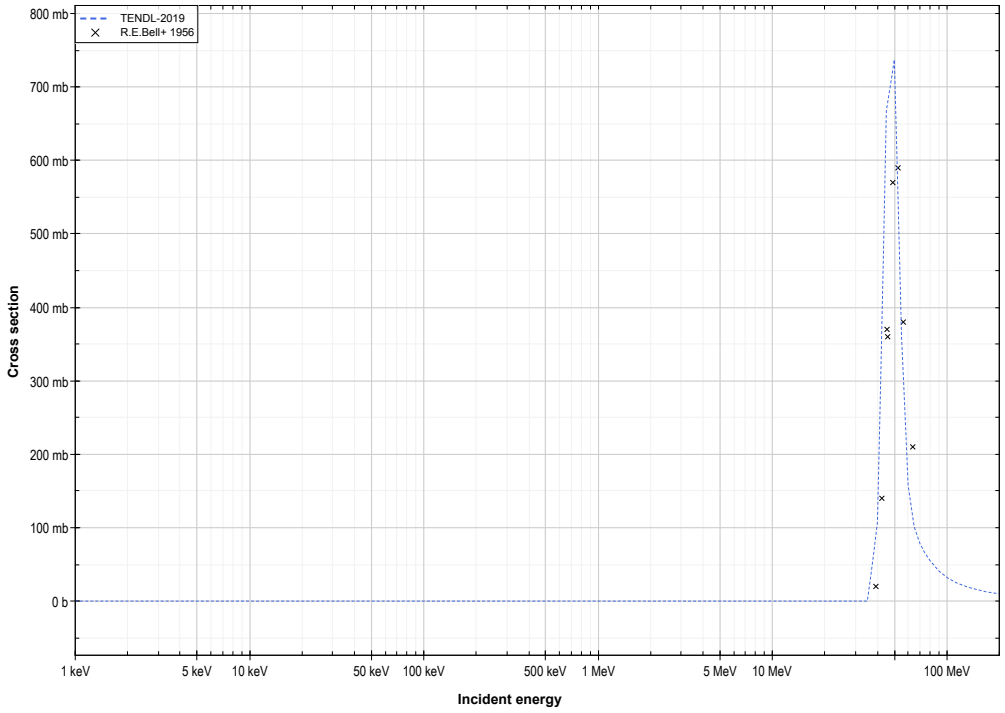
Reaction	Q-Value
Pb206(p,α)Tl203	6839.86 keV
Pb206(p,p+t)Tl203	-12974.01 keV
Pb206(p,n+He3)Tl203	-13737.76 keV
Pb206(p,2d)Tl203	-17006.67 keV
Pb206(p,n+p+d)Tl203	-19231.24 keV
Pb206(p,2n+2p)Tl203	-21455.80 keV

<< 81-Tl-205	**82-Pb-206**	82-Pb-208 >>
<< MT107 (p,α)	**MT152 (p,5n) or MT5 (Bi202 production)**	MT160 (p,7n) >>

Pb206 (p,5n) or Bi202 production log-log



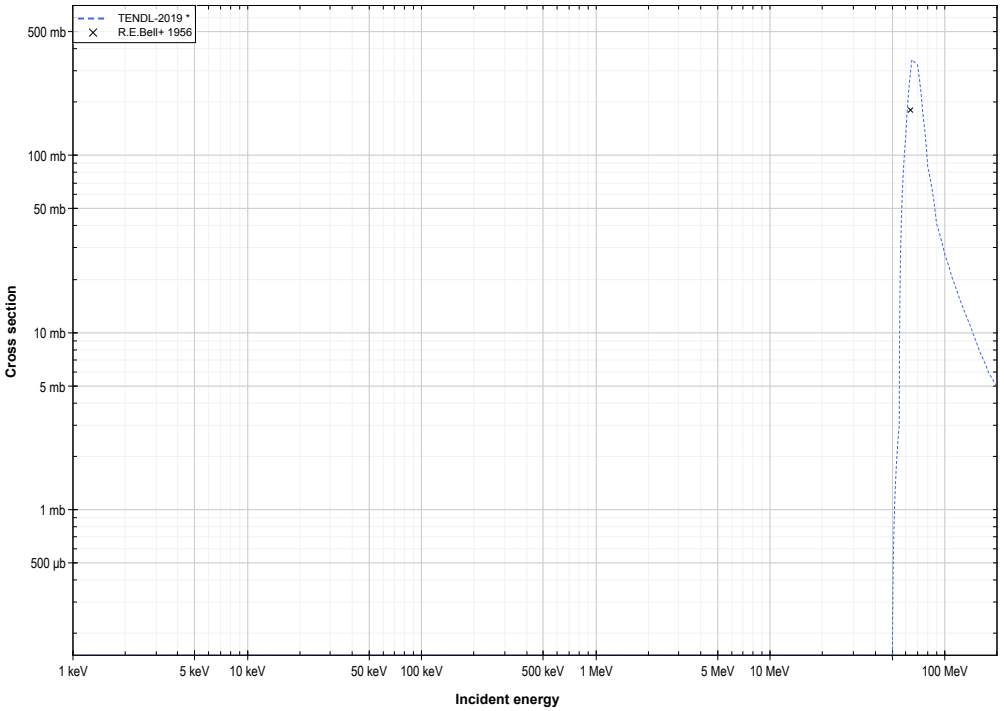
Pb206 (p,5n) or Bi202 production lin-log



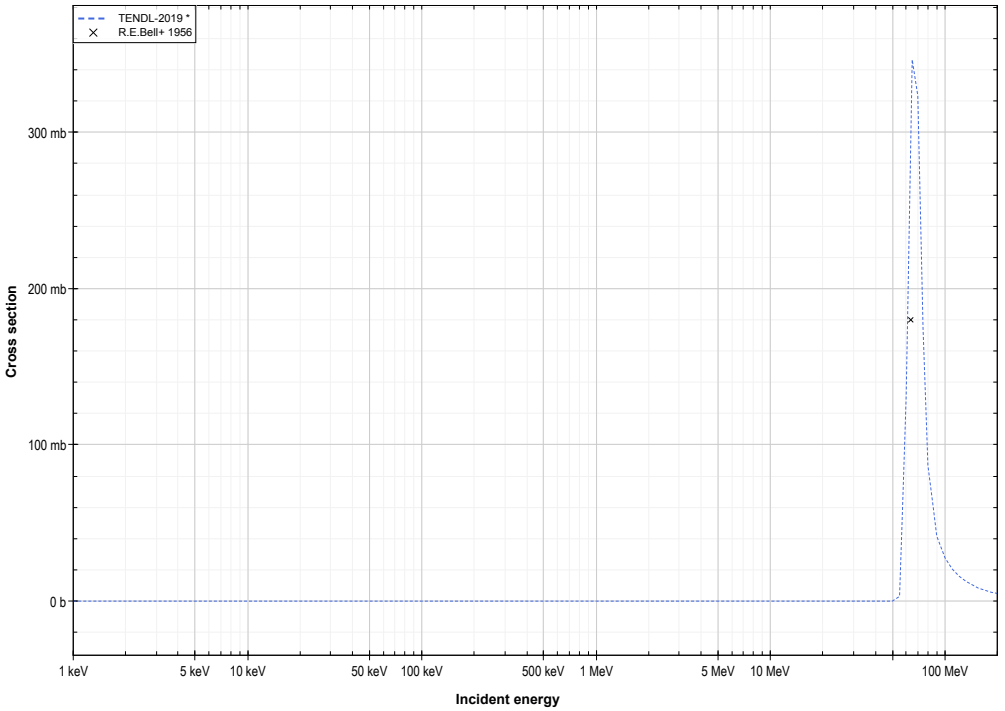
Reaction	Q-Value
Pb206(p,5n)Bi202	-36112.21 keV

<< 79-Au-197	**82-Pb-206**	83-Bi-209 >>
<< MT152 (p,5n)	**MT160 (p,7n) or MT5 (Bi200 production)**	82-Pb-207 MT16 (p,2n) >>

Pb206 (p,7n) or Bi200 production log-log



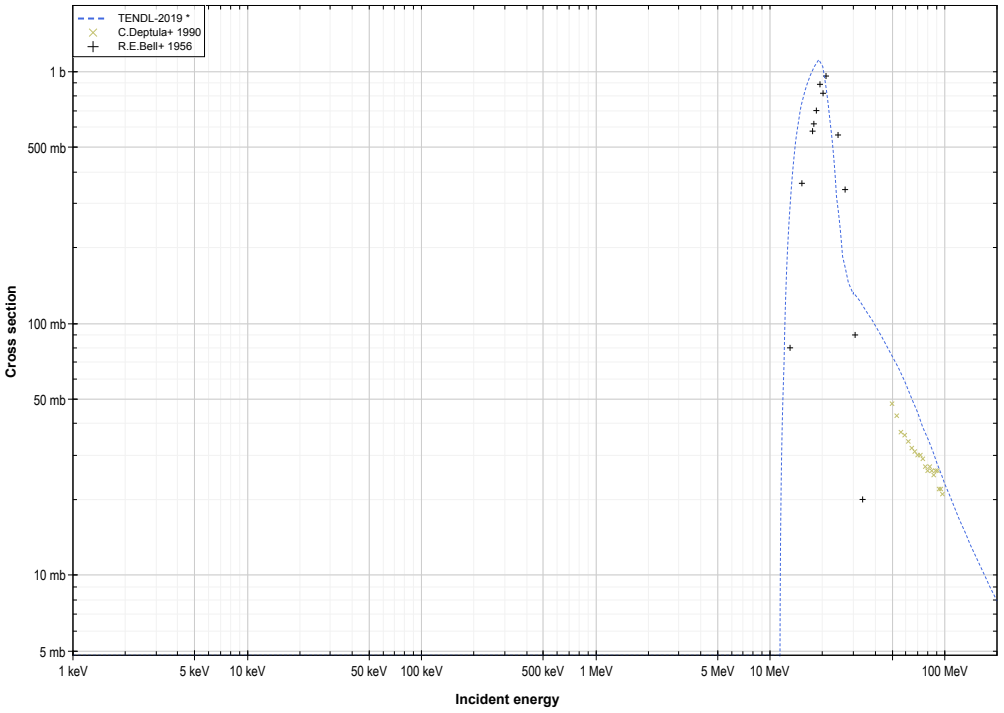
Pb206 (p,7n) or Bi200 production lin-log



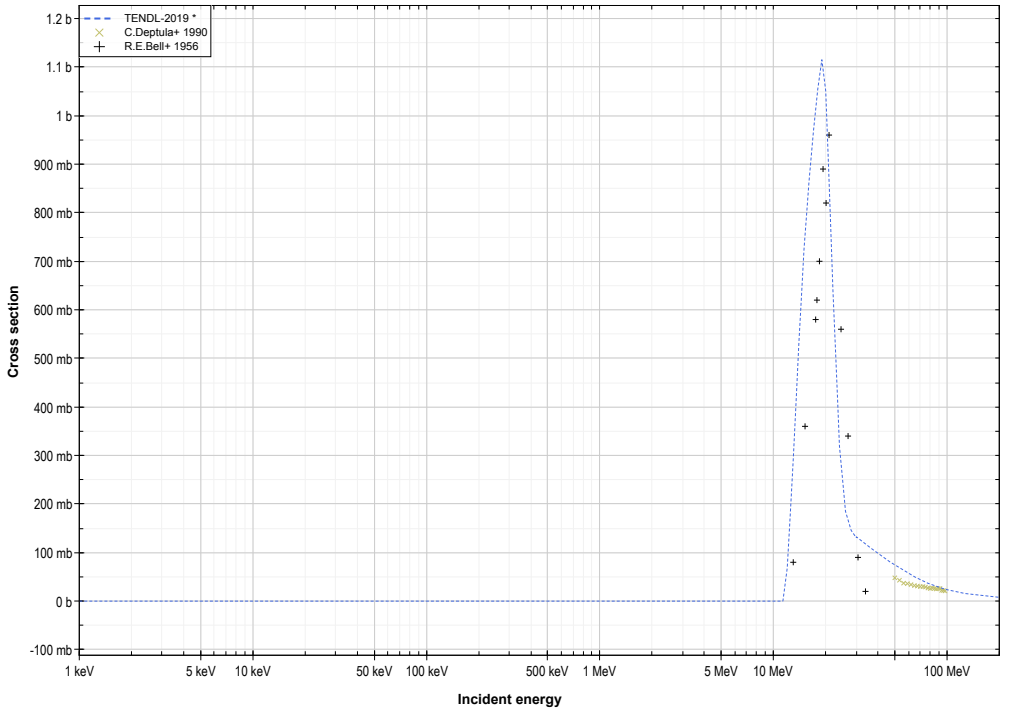
Reaction	Q-Value
Pb206(p,7n)Bi200	-52624.85 keV

<< 82-Pb-206	**82-Pb-207**	83-Bi-209 >>
<< 82-Pb-206 MT160 (p,7n)	**MT16 (p,2n) or MT5 (Bi206 production)**	MT17 (p,3n) >>

Pb207 (p,2n) or Bi206 production log-log



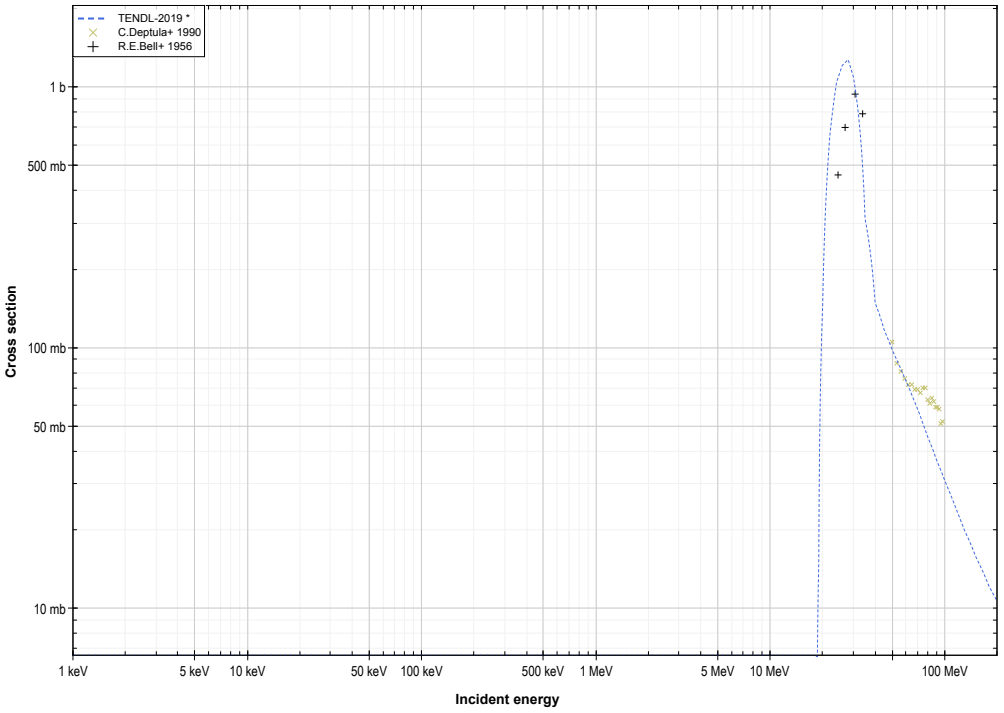
Pb207 (p,2n) or Bi206 production lin-log



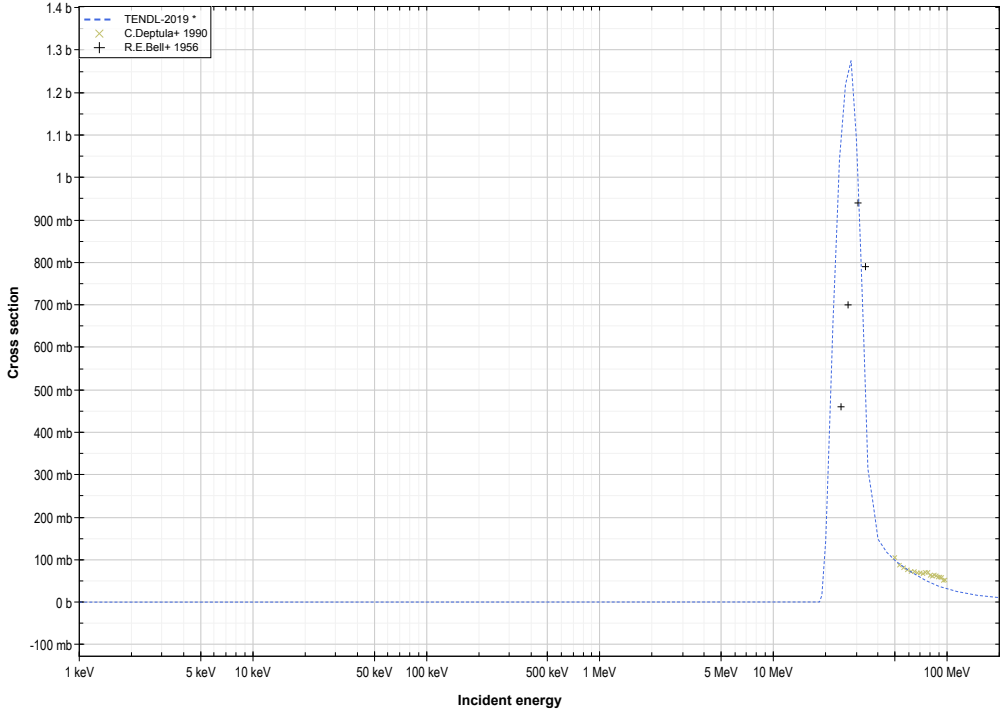
Reaction	Q-Value
Pb207(p,2n)Bi206	-11277.66 keV

<< 82-Pb-206	**82-Pb-207**	82-Pb-208 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Bi205 production)**	MT18 (p,fission) >>

Pb207 (p,3n) or Bi205 production log-log



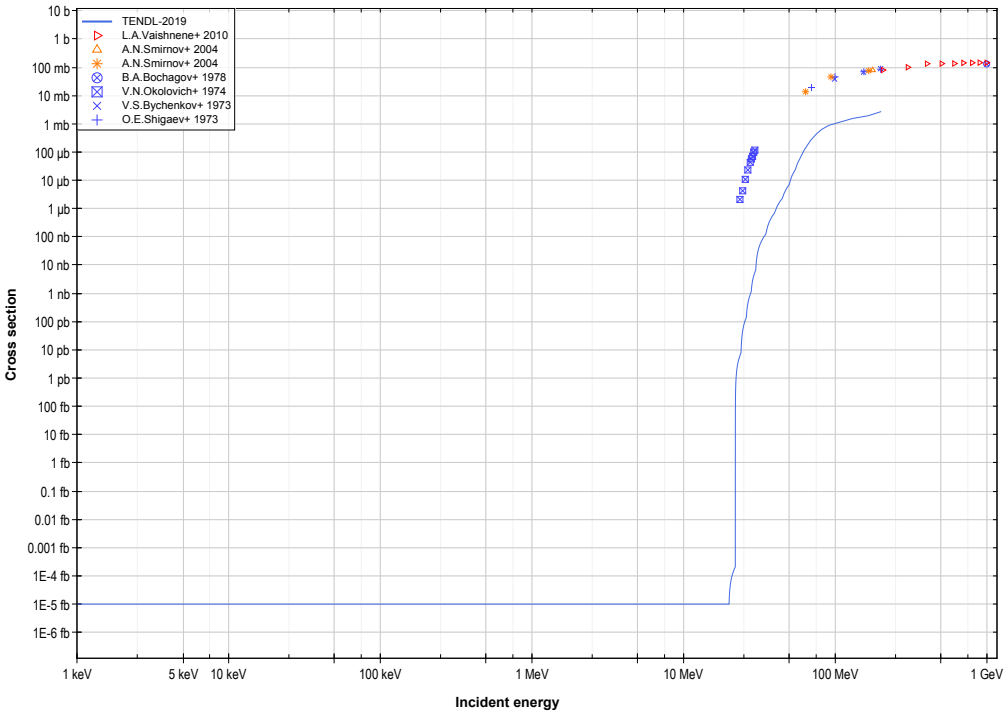
Pb207 (p,3n) or Bi205 production lin-log



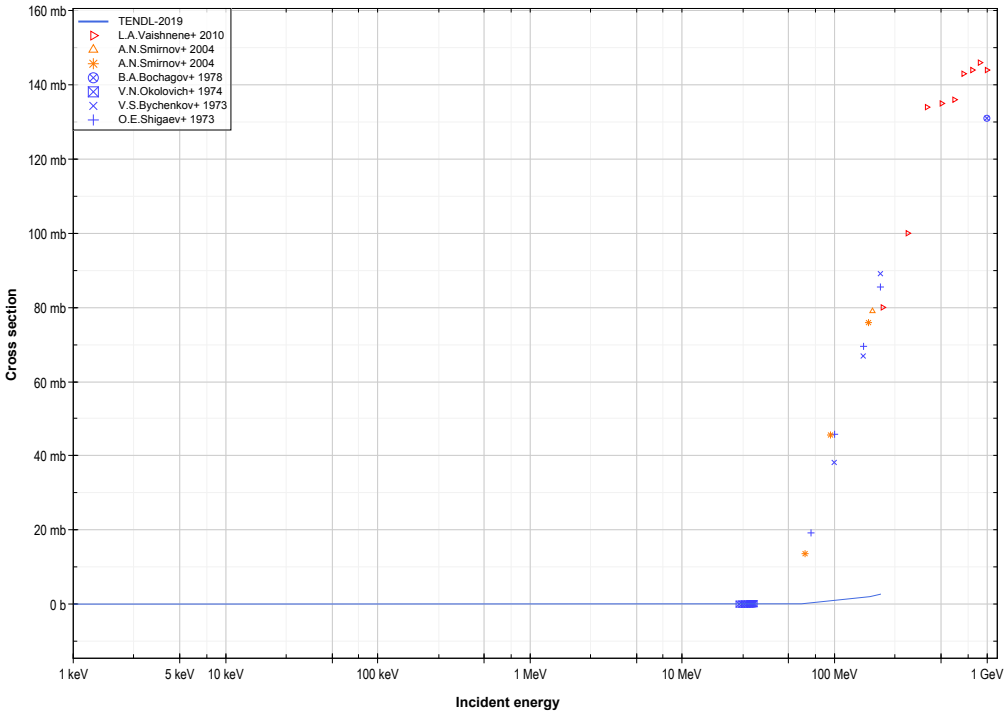
Reaction	Q-Value
Pb207(p,3n)Bi205	-18311.98 keV

<< 82-Pb-206	**82-Pb-207**	82-Pb-208 >>
<< MT17 (p,3n)	**MT18 (p,fission)**	MT37 (p,4n) >>

Pb207 (p,fission) log-log

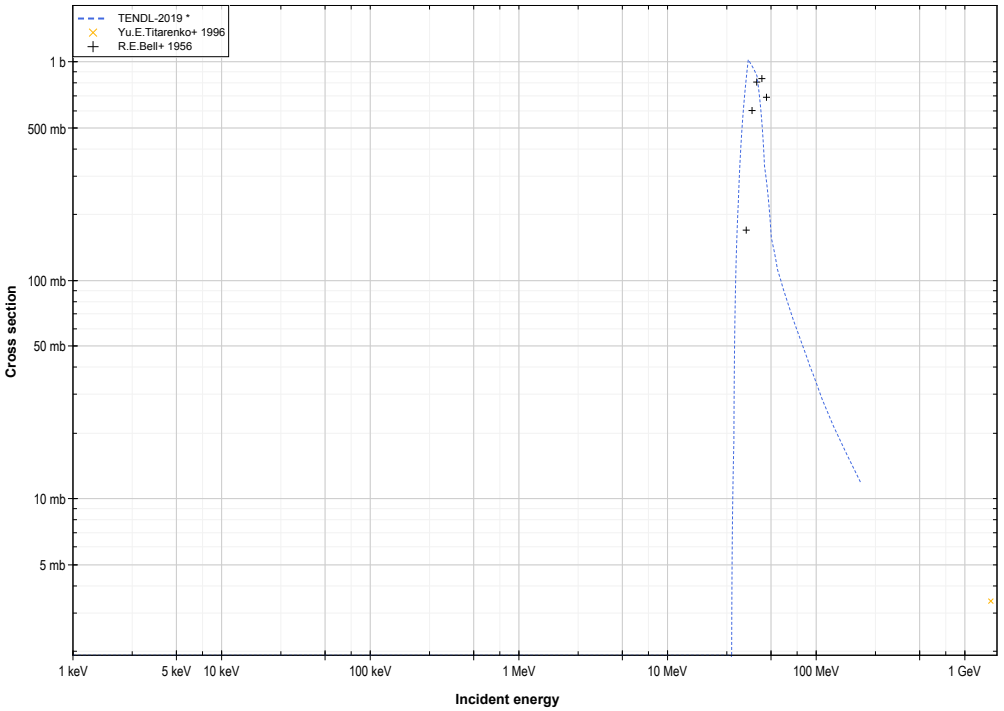


Pb207 (p,fission) lin-log

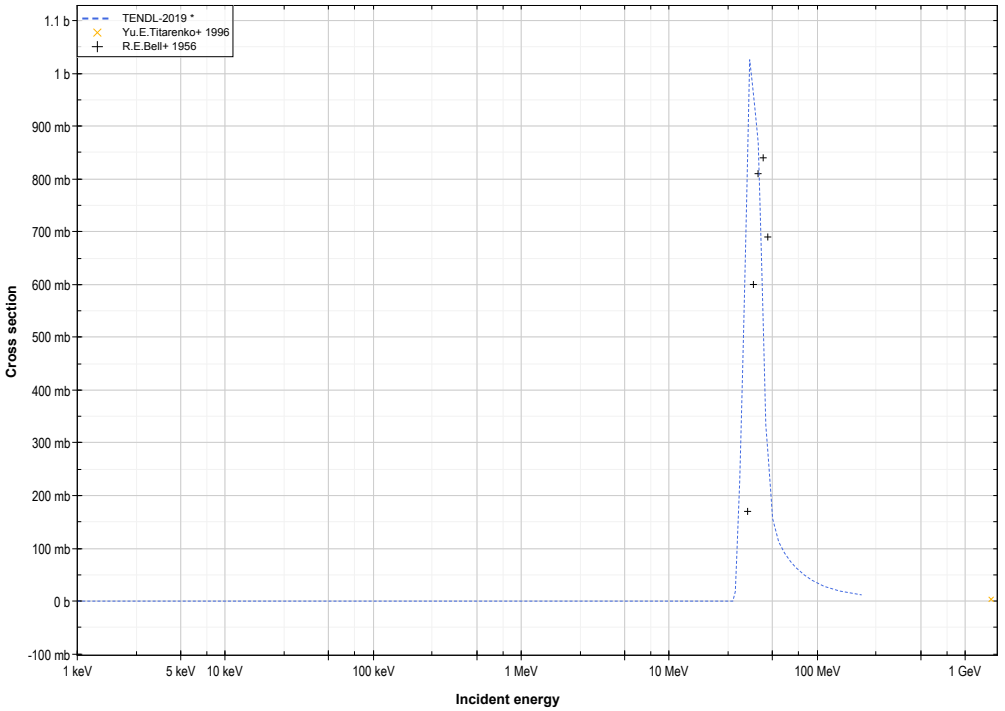


<< 81-Tl-205	**82-Pb-207**	82-Pb-208 >>
<< MT18 (p,fission)	**MT37 (p,4n) or MT5 (Bi204 production)**	MT107 (p,α) >>

Pb207 (p,4n) or Bi204 production log-log



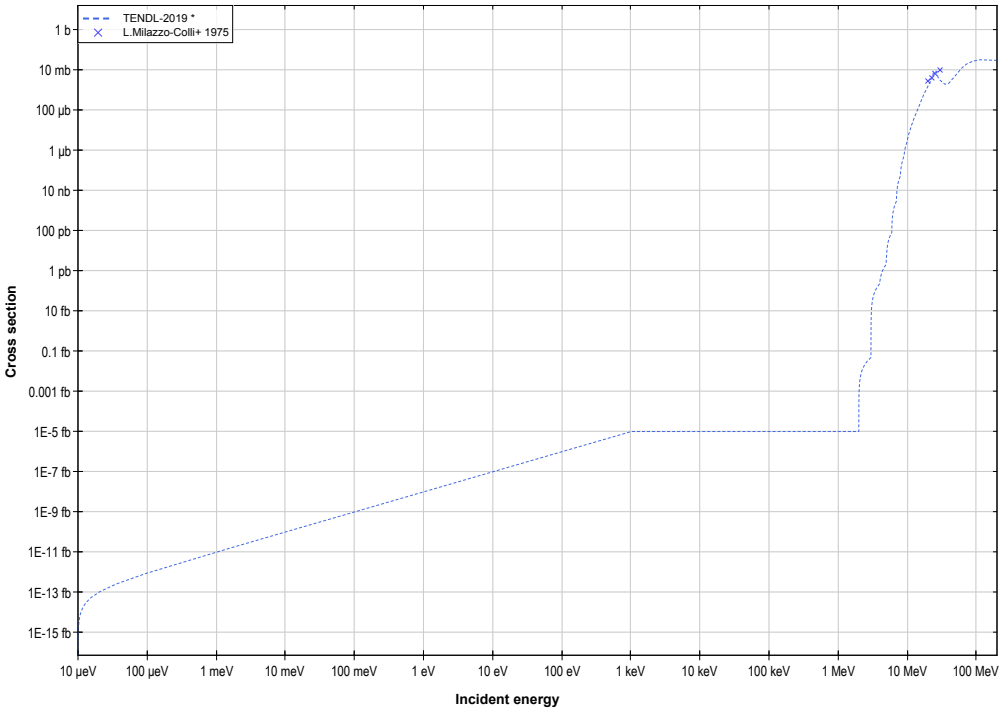
Pb207 (p,4n) or Bi204 production lin-log



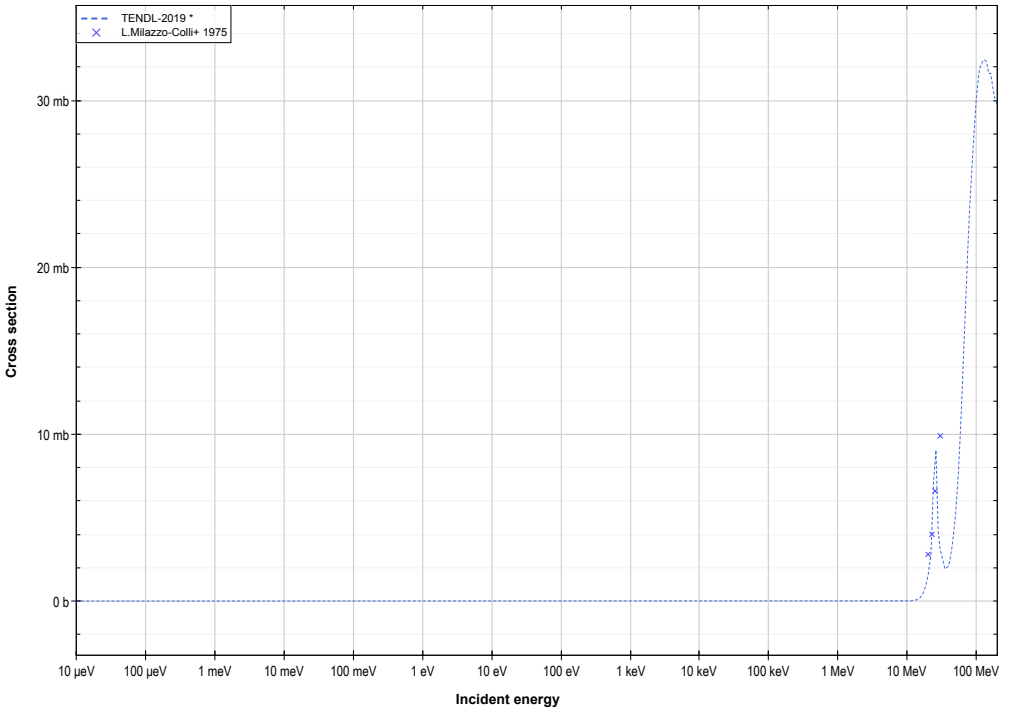
Reaction	Q-Value
Pb207(p,4n)Bi204	-26802.30 keV

<< 82-Pb-206	**82-Pb-207**	82-Pb-208 >>
<< MT37 (p,4n)	**MT107 (p,α) or MT5 (Tl204 production)**	82-Pb-208 MT17 (p,3n) >>

Pb207 (p,α) or Tl204 production log-log



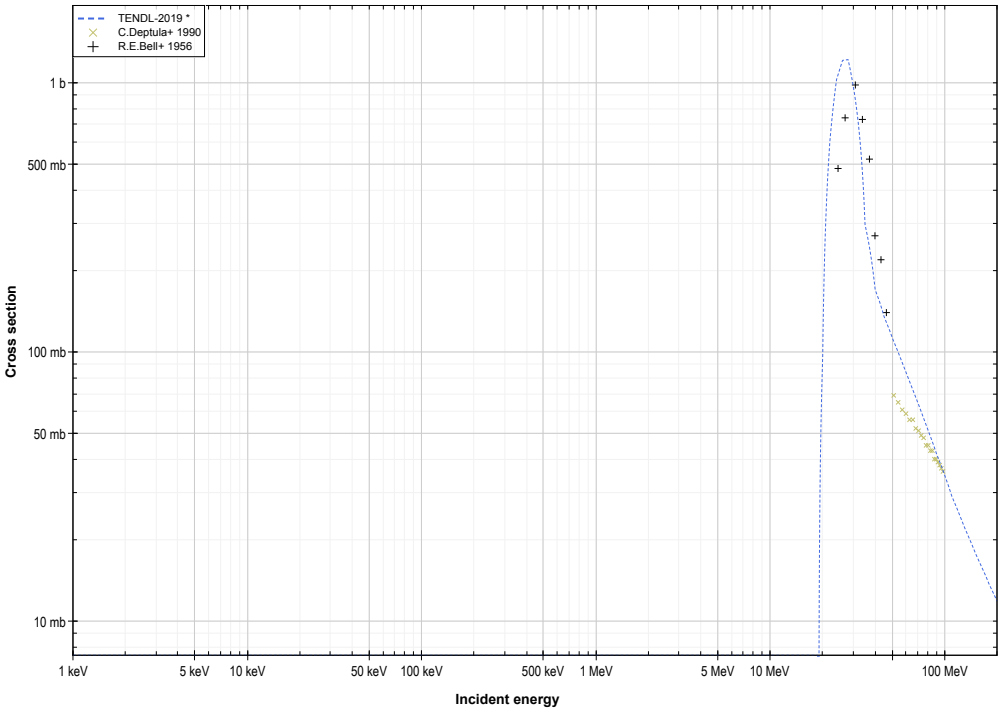
Pb207 (p,α) or Tl204 production lin-log



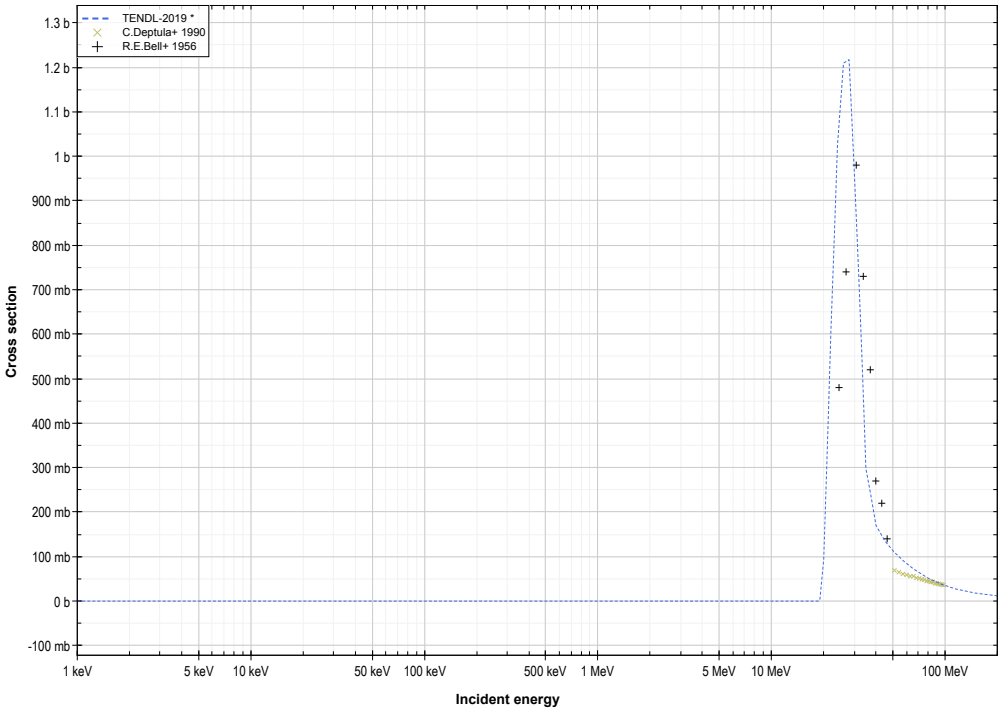
Reaction	Q-Value
Pb207(p,α)Tl204	6758.16 keV
Pb207(p,p+t)Tl204	-13055.71 keV
Pb207(p,n+He3)Tl204	-13819.46 keV
Pb207(p,2d)Tl204	-17088.37 keV
Pb207(p,n+p+d)Tl204	-19312.94 keV
Pb207(p,2n+2p)Tl204	-21537.50 keV

<< 82-Pb-207	**82-Pb-208**	83-Bi-209 >>
<< 82-Pb-207 MT107 (p,α)	**MT17 (p,3n) or MT5 (Bi206 production)**	MT18 (p,fission) >>

Pb208 (p,3n) or Bi206 production log-log



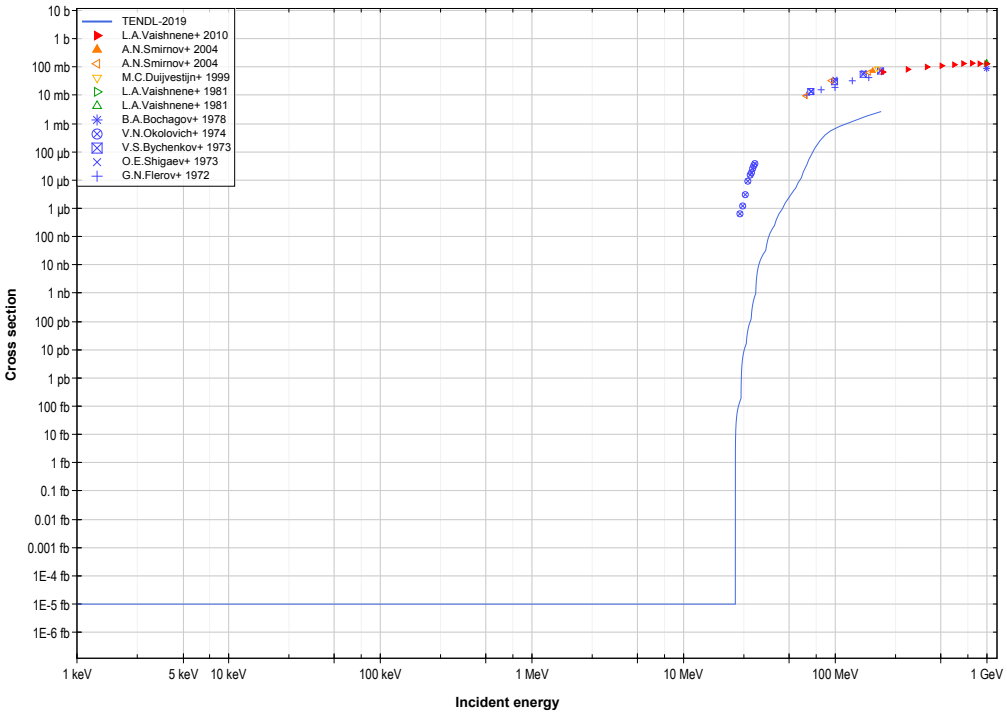
Pb208 (p,3n) or Bi206 production lin-log



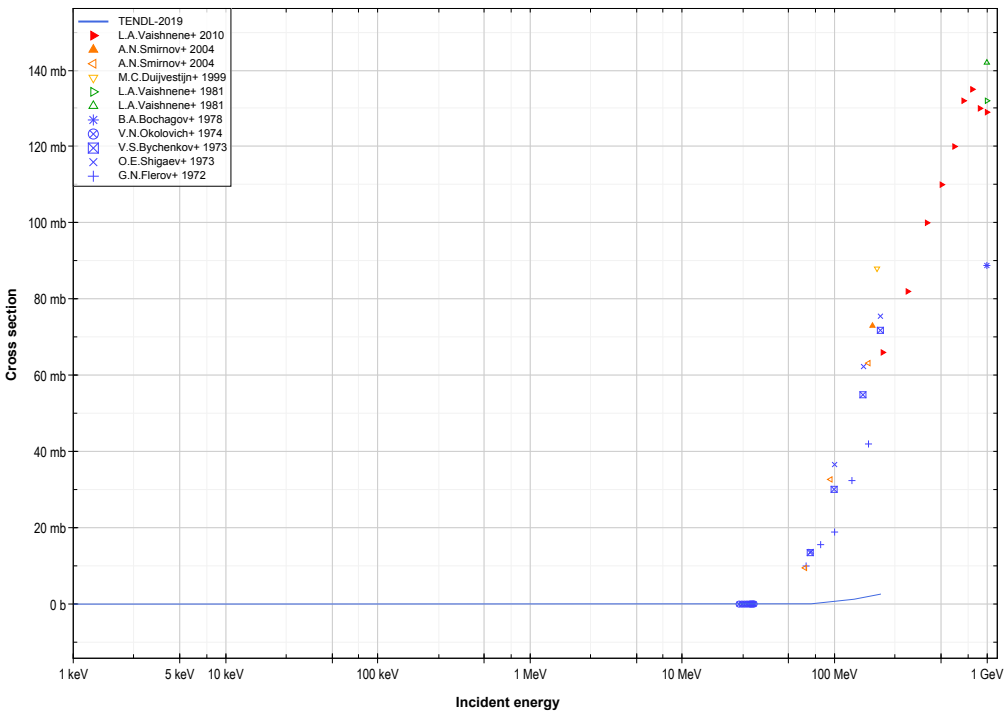
Reaction	Q-Value
Pb208(p,3n)Bi206	-18645.58 keV

<< 82-Pb-207	**82-Pb-208**	83-Bi-209 >>
<< MT17 (p,3n)	**MT18 (p,fission)**	MT37 (p,4n) >>

Pb208 (p,fission) log-log

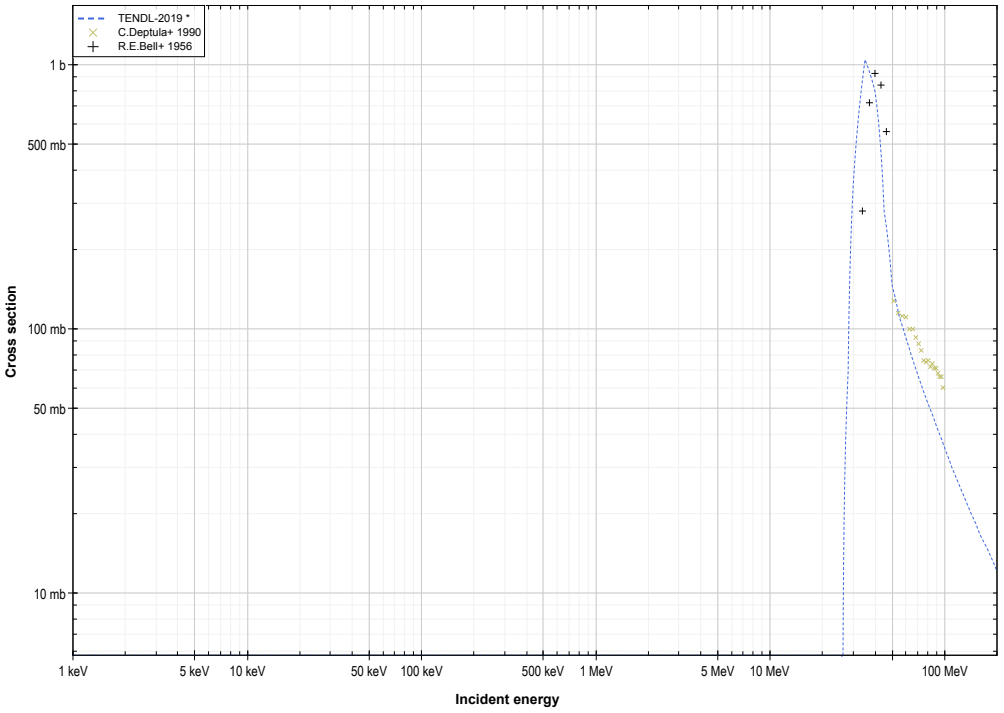


Pb208 (p,fission) lin-log

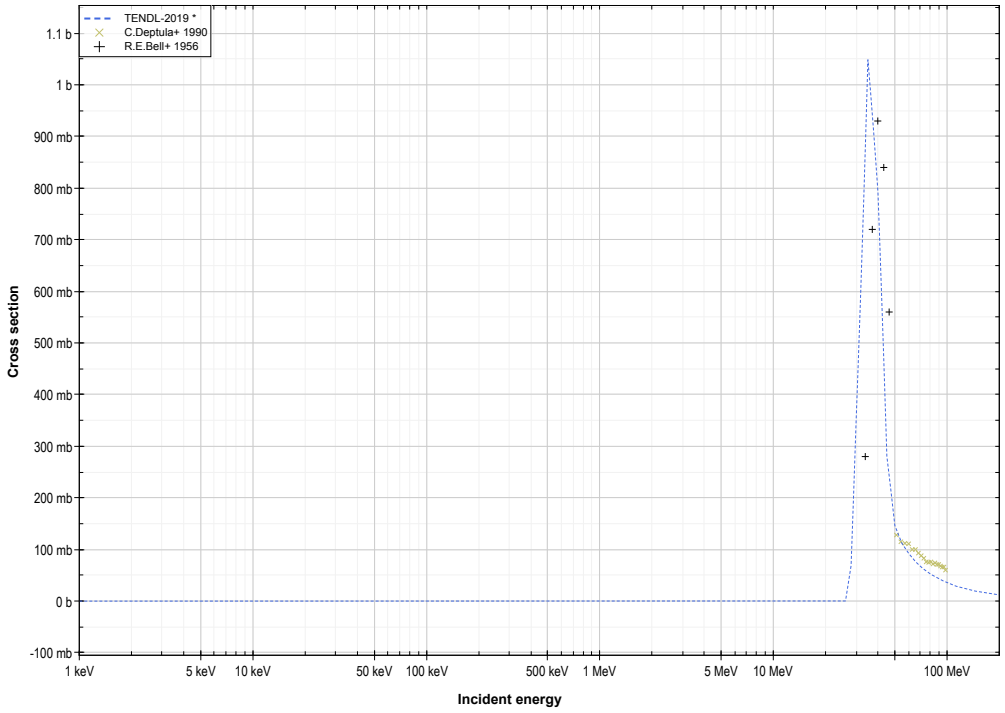


<< 82-Pb-207	**82-Pb-208**	83-Bi-209 >>
<< MT18 (p,fission)	**MT37 (p,4n) or MT5 (Bi205 production)**	MT107 (p,α) >>

Pb208 (p,4n) or Bi205 production log-log



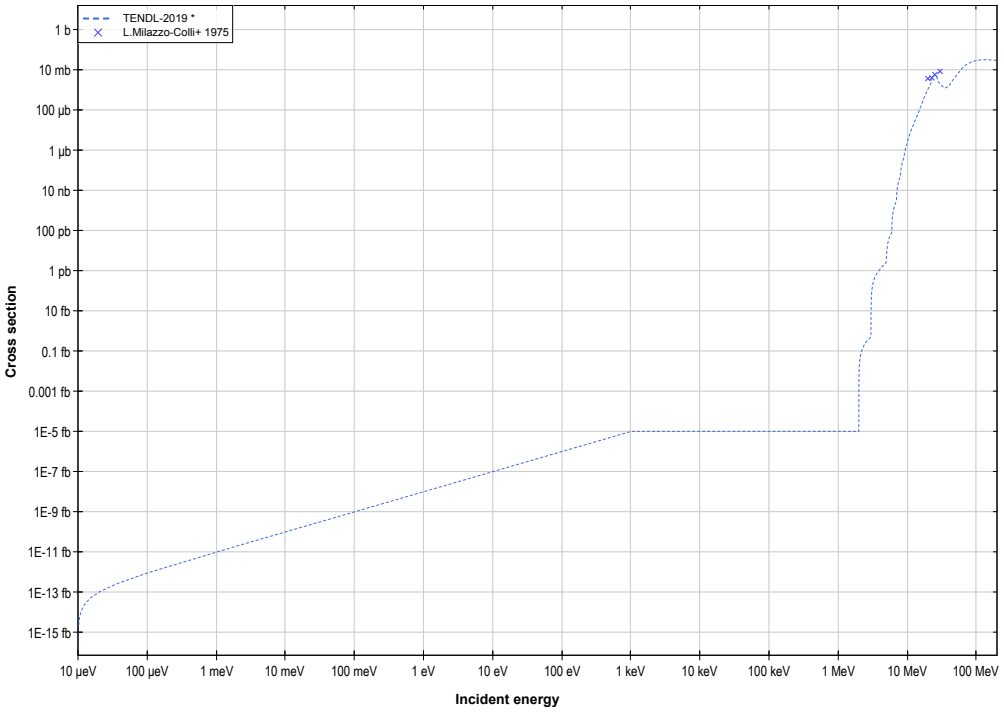
Pb208 (p,4n) or Bi205 production lin-log



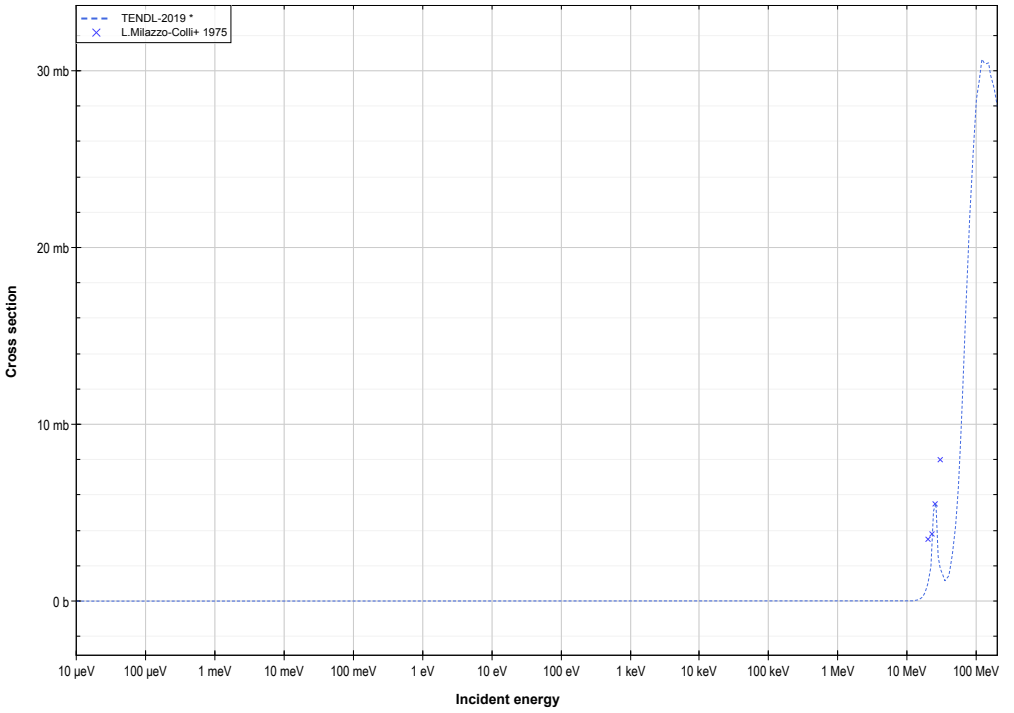
Reaction	Q-Value
Pb208(p,4n)Bi205	-25679.90 keV

<< 82-Pb-207	**82-Pb-208**	83-Bi-209 >>
<< MT37 (p,4n)	**MT107 (p,α) or MT5 (Tl205 production)**	MT152 (p,5n) >>

Pb208 (p,α) or Tl205 production log-log



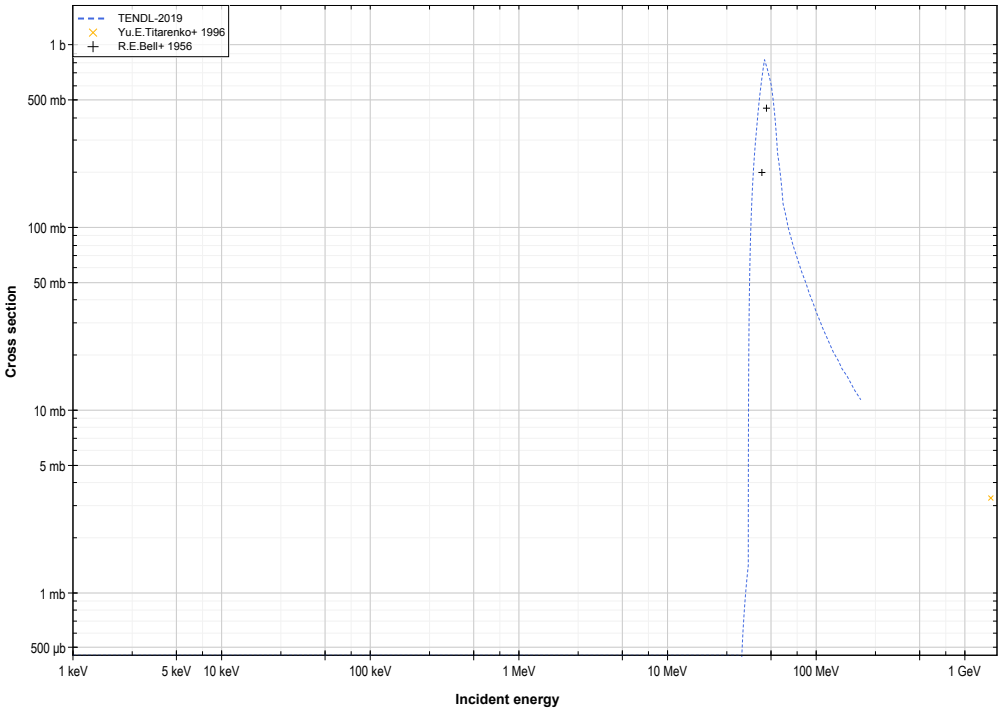
Pb208 (p,α) or Tl205 production lin-log



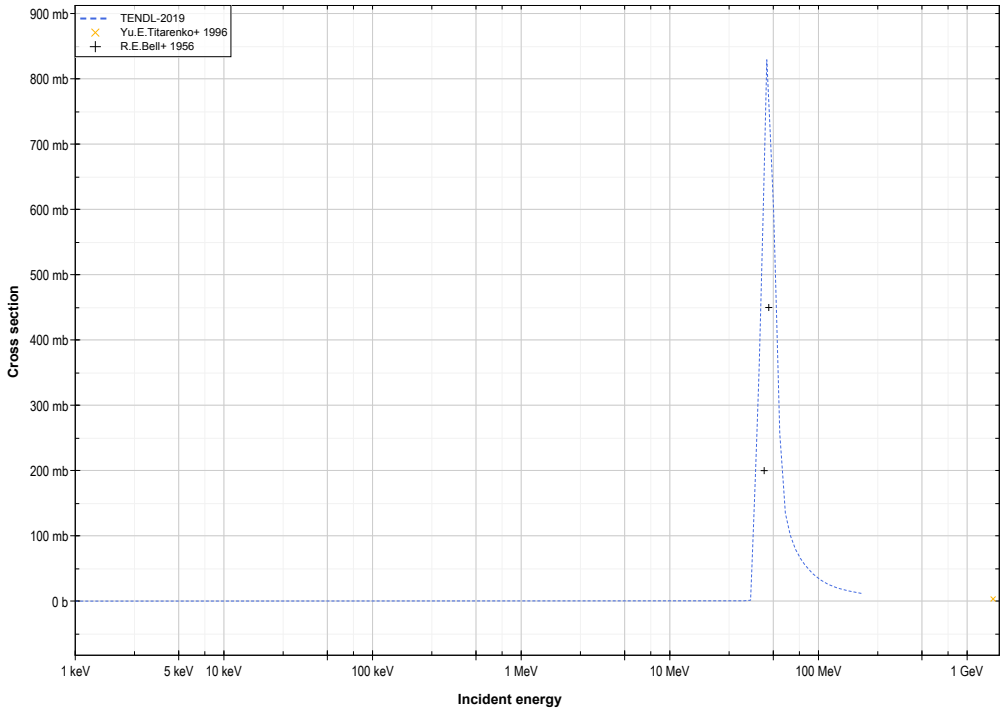
Reaction	Q-Value
Pb208(p,α)Tl205	6936.36 keV
Pb208(p,p+t)Tl205	-12877.51 keV
Pb208(p,n+He3)Tl205	-13641.26 keV
Pb208(p,2d)Tl205	-16910.17 keV
Pb208(p,n+p+d)Tl205	-19134.74 keV
Pb208(p,2n+2p)Tl205	-21359.30 keV

<< 82-Pb-206	**82-Pb-208**	83-Bi-209 >>
<< MT107 (p,α)	**MT152 (p,5n) or MT5 (Bi204 production)**	83-Bi-209 MT4 (p,n) >>

Pb208 (p,5n) or Bi204 production log-log



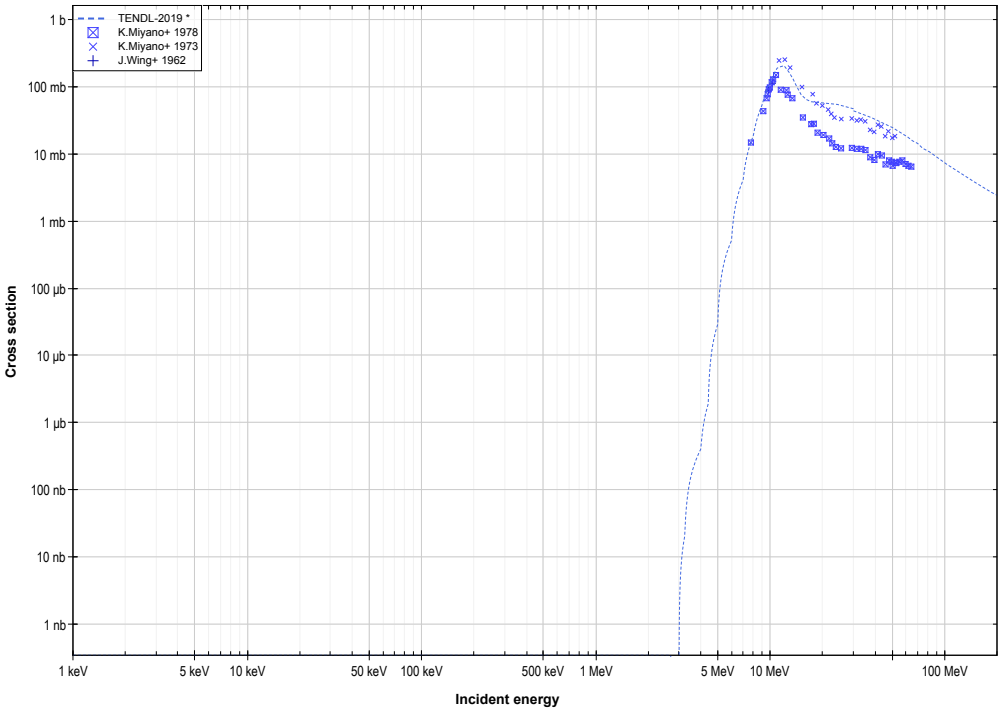
Pb208 (p,5n) or Bi204 production lin-log



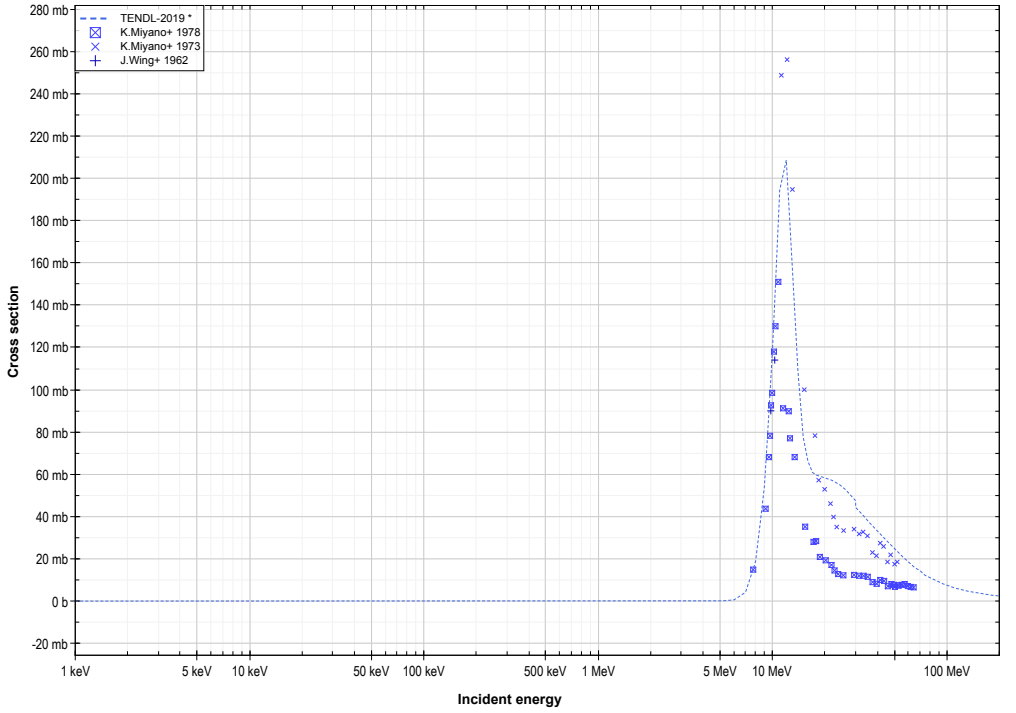
Reaction	Q-Value
Pb208(p,5n)Bi204	-34170.21 keV

<< 82-Pb-206	**83-Bi-209**	90-Th-232 >>
<< 82-Pb-208 MT152 (p,5n)	**MT4 (p,n) or MT5 (Po209 production)**	MT16 (p,2n) >>

Bi209 (p,n) or Po209 production log-log



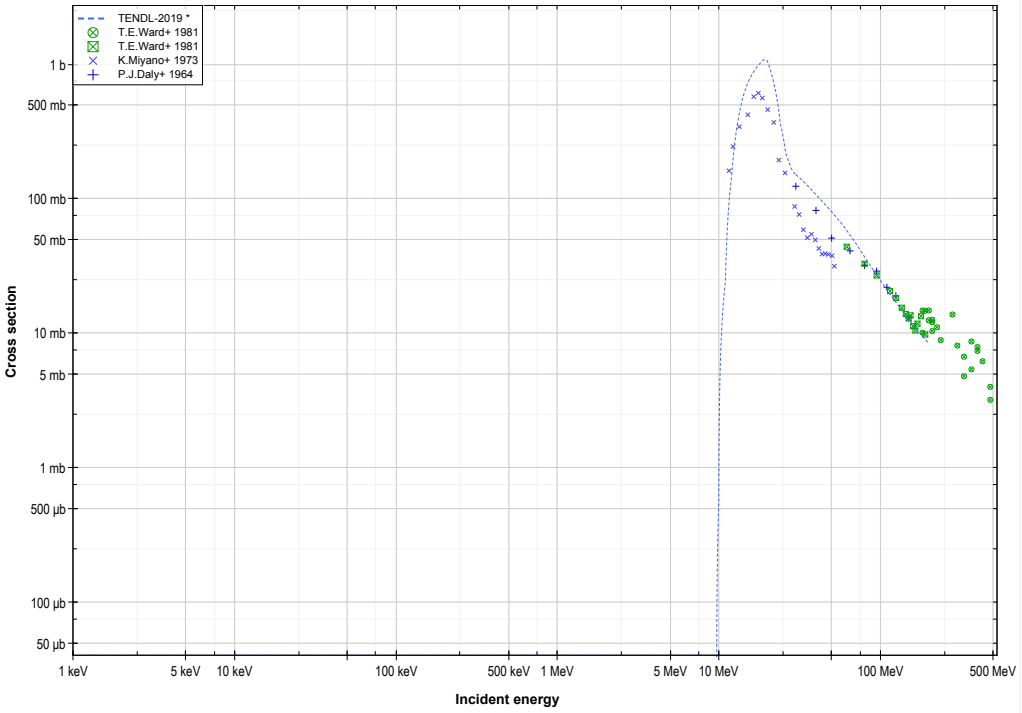
Bi209 (p,n) or Po209 production lin-log



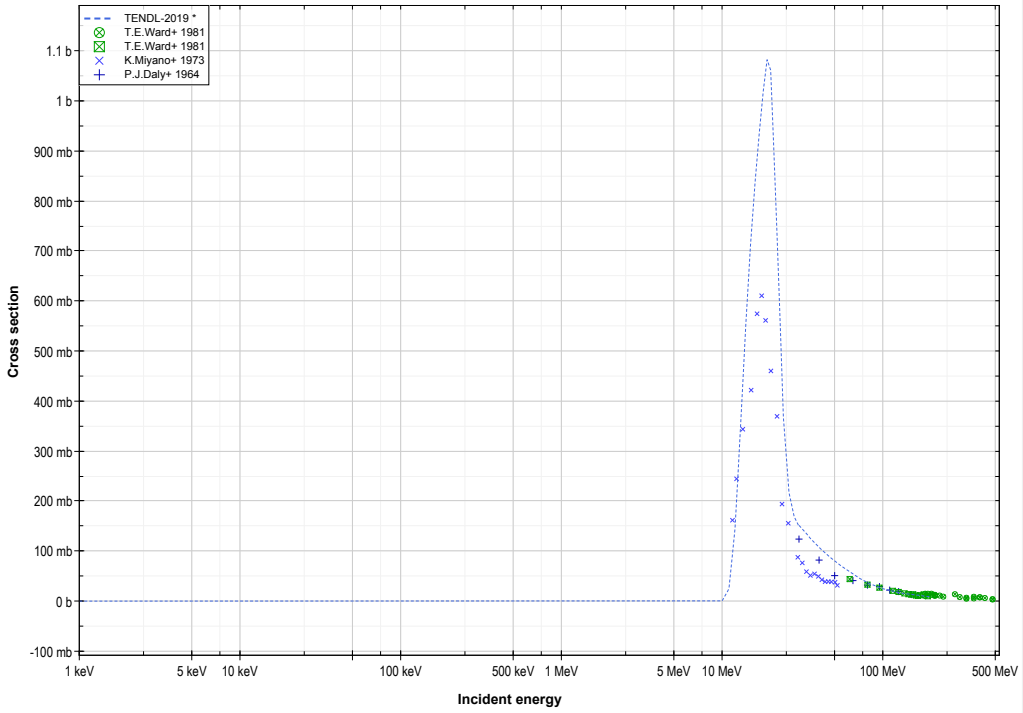
Reaction	Q-Value
Bi209(p,n)Po209	-2674.95 keV

<< 82-Pb-207	**83-Bi-209**	88-Ra-226 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Po208 production)**	MT17 (p,3n) >>

Bi209 (p,2n) or Po208 production log-log



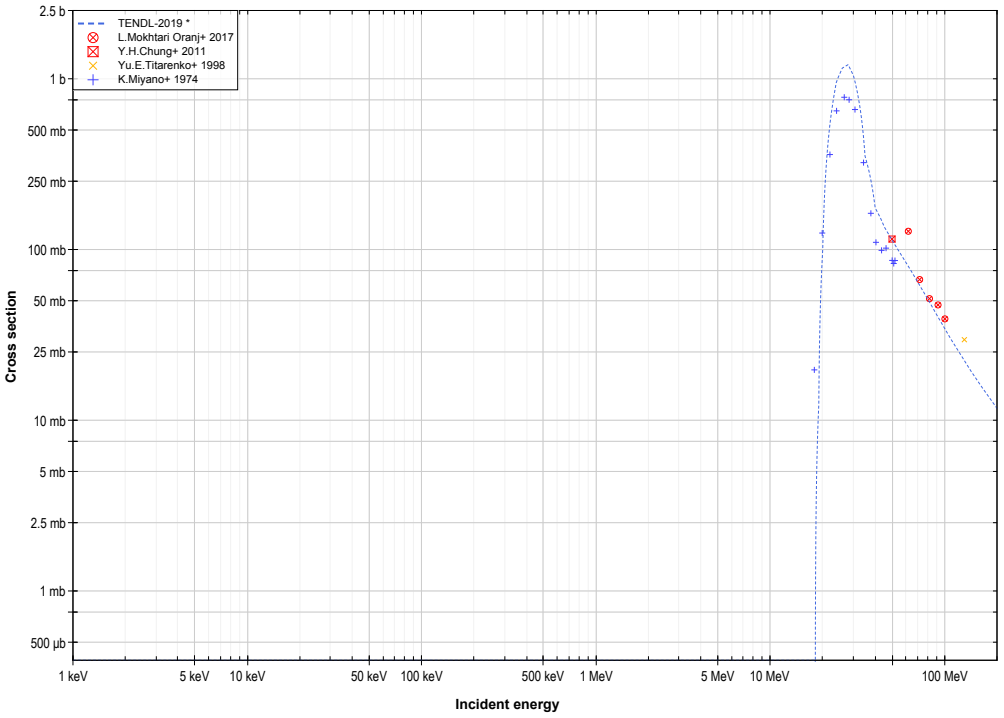
Bi209 (p,2n) or Po208 production lin-log



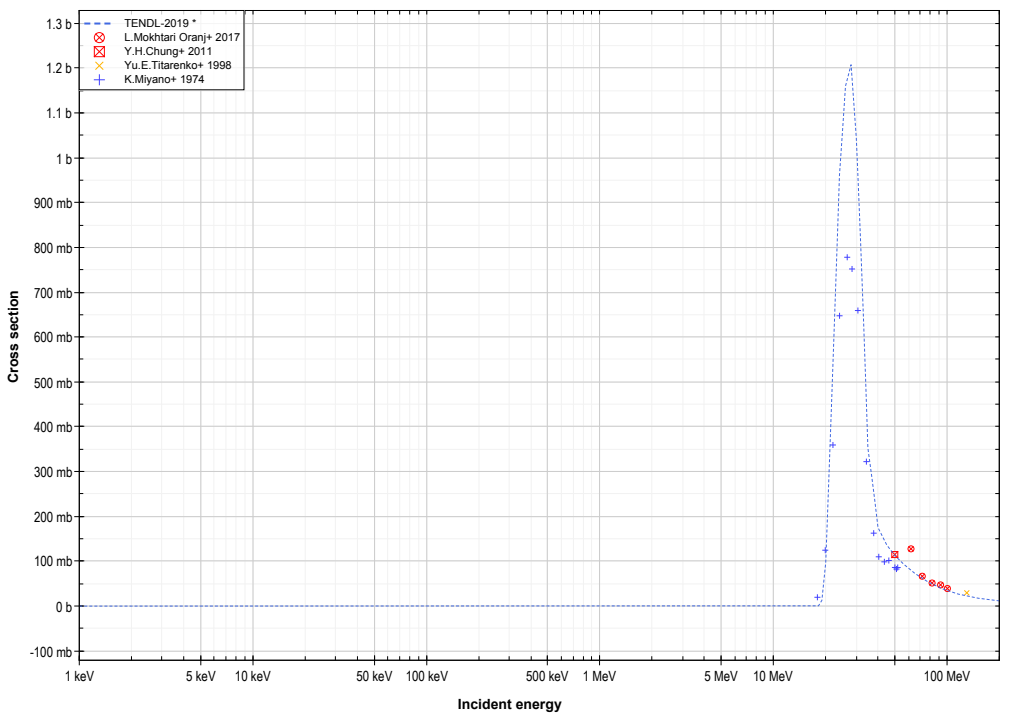
Reaction	Q-Value
Bi209(p,2n)Po208	-9642.76 keV

<< 82-Pb-208	**83-Bi-209**	90-Th-232 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Po207 production)**	MT18 (p,fission) >>

Bi209 (p,3n) or Po207 production log-log



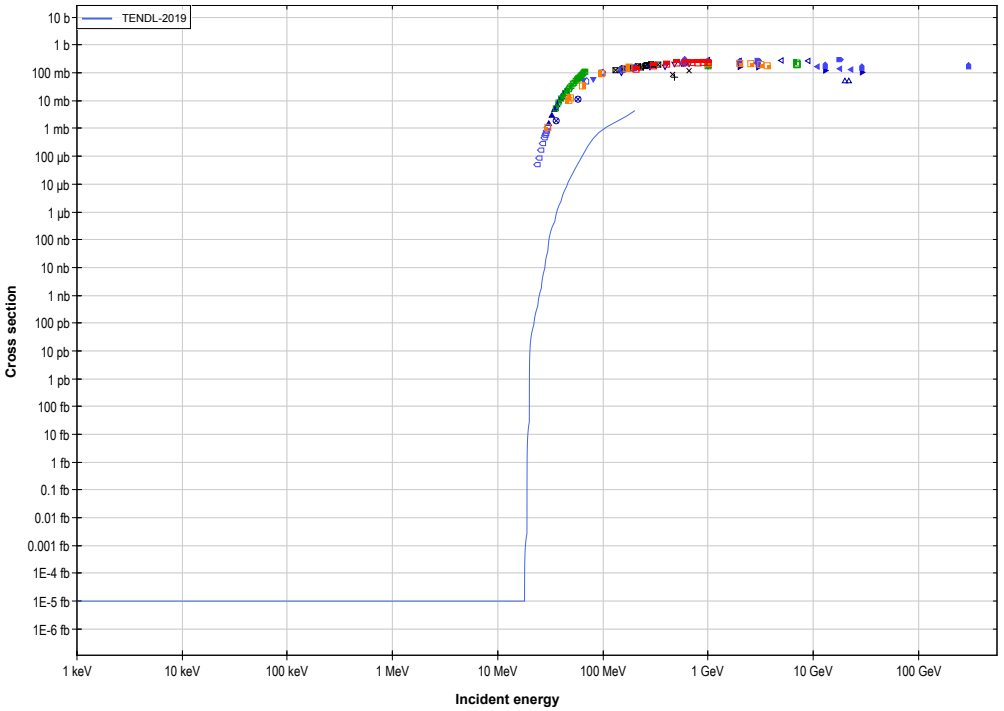
Bi209 (p,3n) or Po207 production lin-log



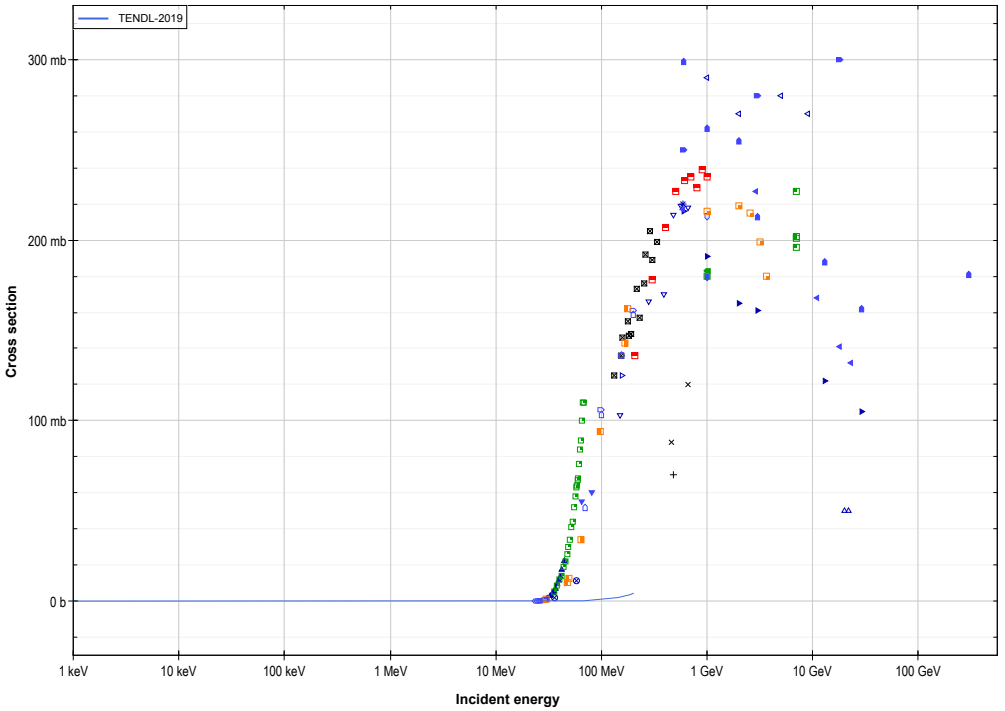
Reaction	Q-Value
Bi209(p,3n)Po207	-18037.68 keV

<< 82-Pb-208	**83-Bi-209**	88-Ra-226 >>
<< MT17 (p,3n)	**MT18 (p,fission)**	MT37 (p,4n) >>

Bi209 (p,fission) log-log

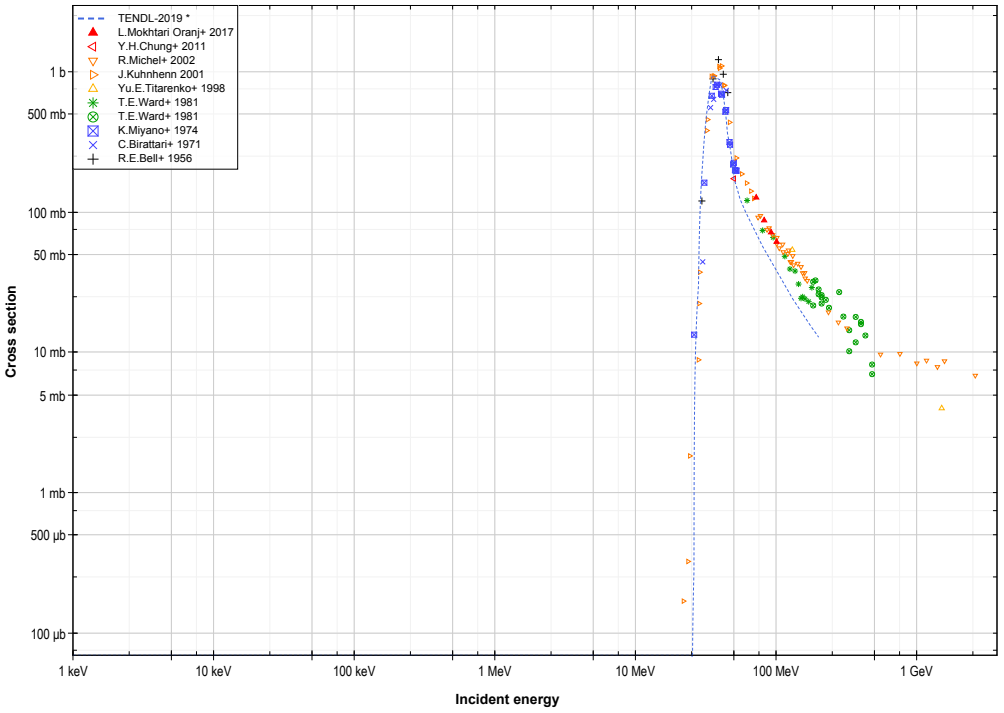


Bi209 (p,fission) lin-log

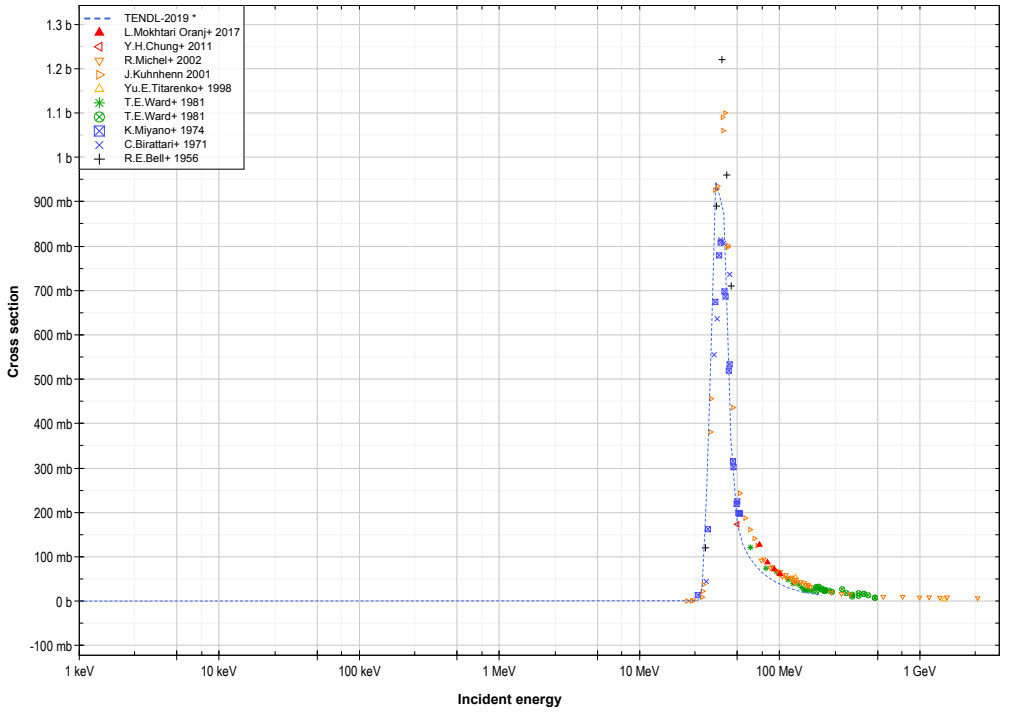


<< 82-Pb-208	**83-Bi-209**	90-Th-232 >>
<< MT18 (p,fission)	**MT37 (p,4n) or MT5 (Po206 production)**	MT102 (p,γ) >>

Bi209 (p,4n) or Po206 production log-log



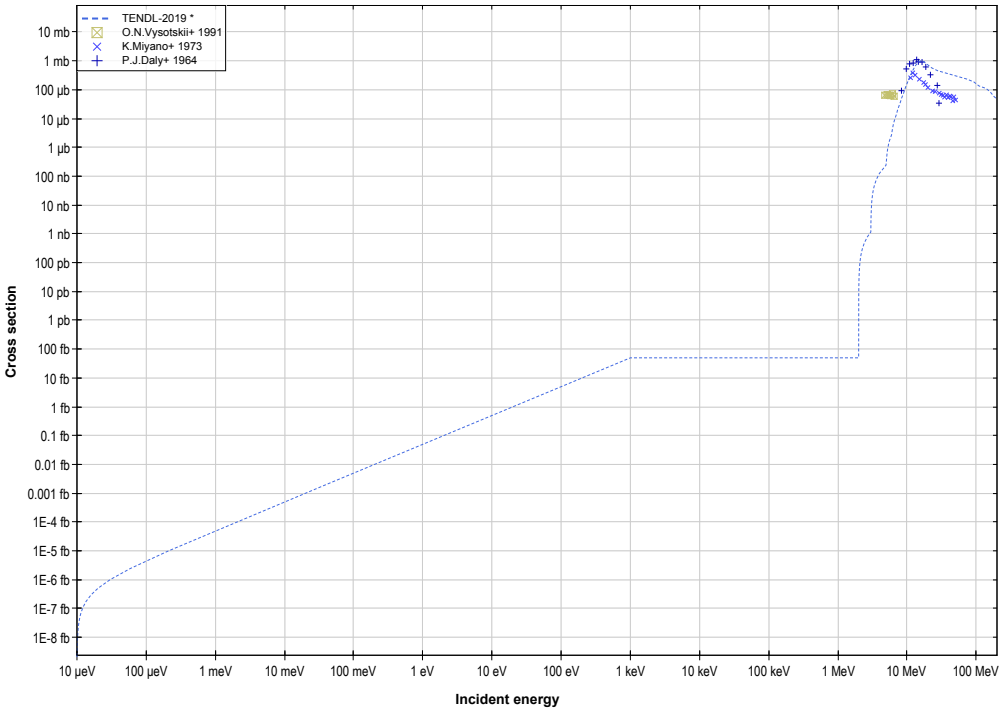
Bi209 (p,4n) or Po206 production lin-log



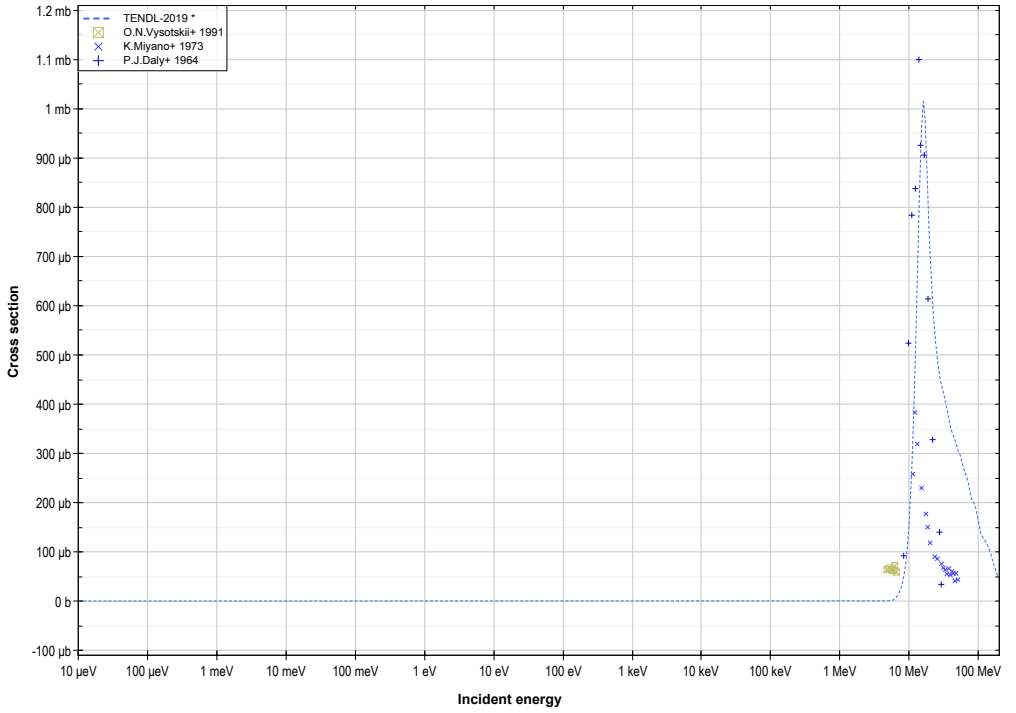
Reaction	Q-Value
Bi209(p,4n)Po206	-25066.00 keV

<< 58-Ce-142	**83-Bi-209**	90-Th-232 >>
<< MT37 (p,4n)	**MT102 (p,γ) or MT5 (Po210 production)**	MT107 (p,α) >>

Bi209 (p,γ) or Po210 production log-log



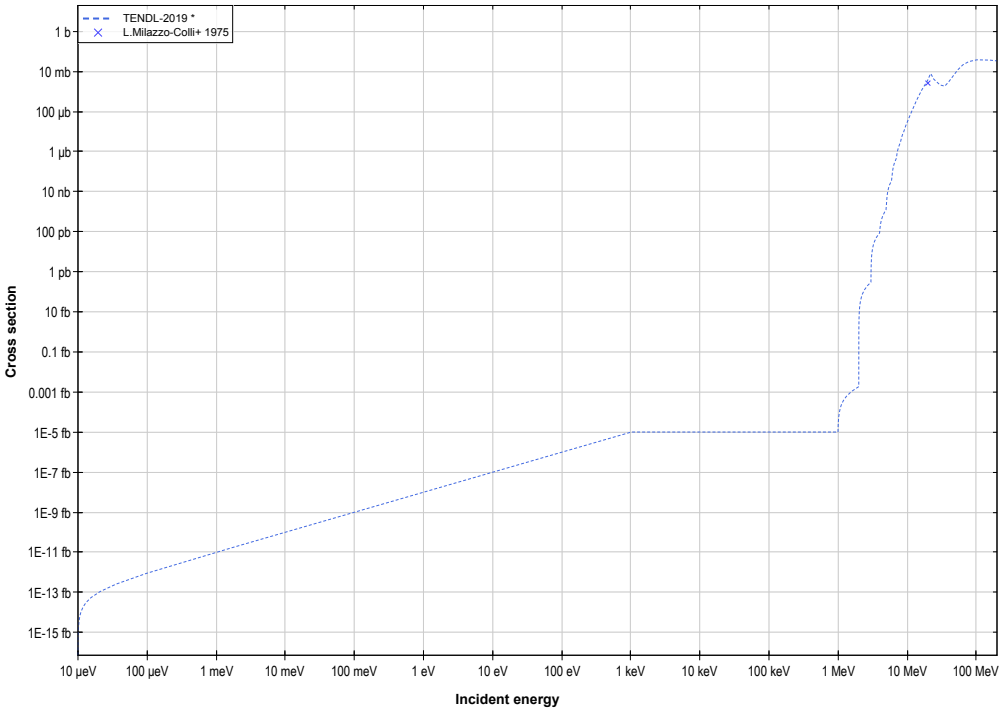
Bi209 (p,γ) or Po210 production lin-log



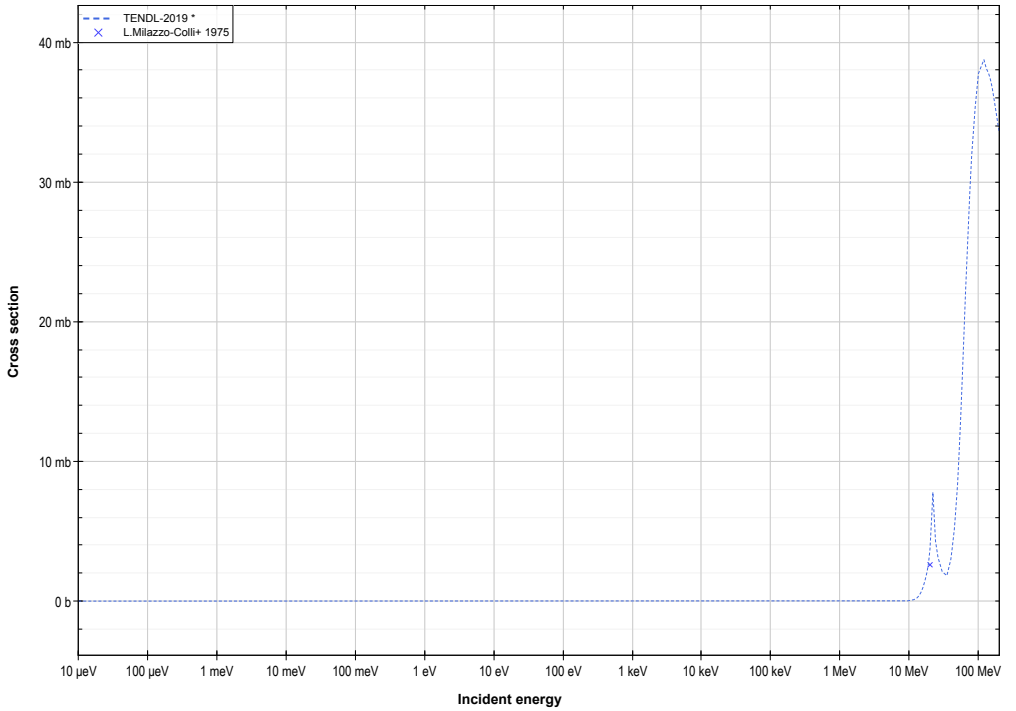
Reaction	Q-Value
Bi209(p,γ)Po210	4983.37 keV

<< 82-Pb-208	**83-Bi-209**	90-Th-232 >>
<< MT102 (p,γ)	**MT107 (p,α) or MT5 (Pb206 production)**	MT152 (p,5n) >>

Bi209 (p,α) or Pb206 production log-log



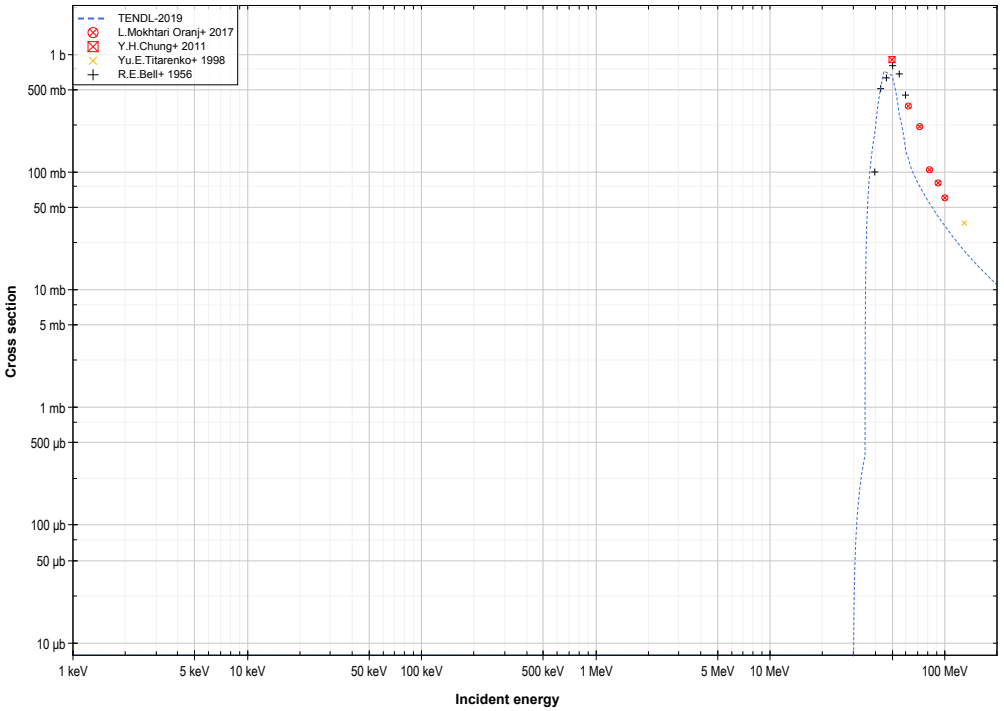
Bi209 (p,α) or Pb206 production lin-log



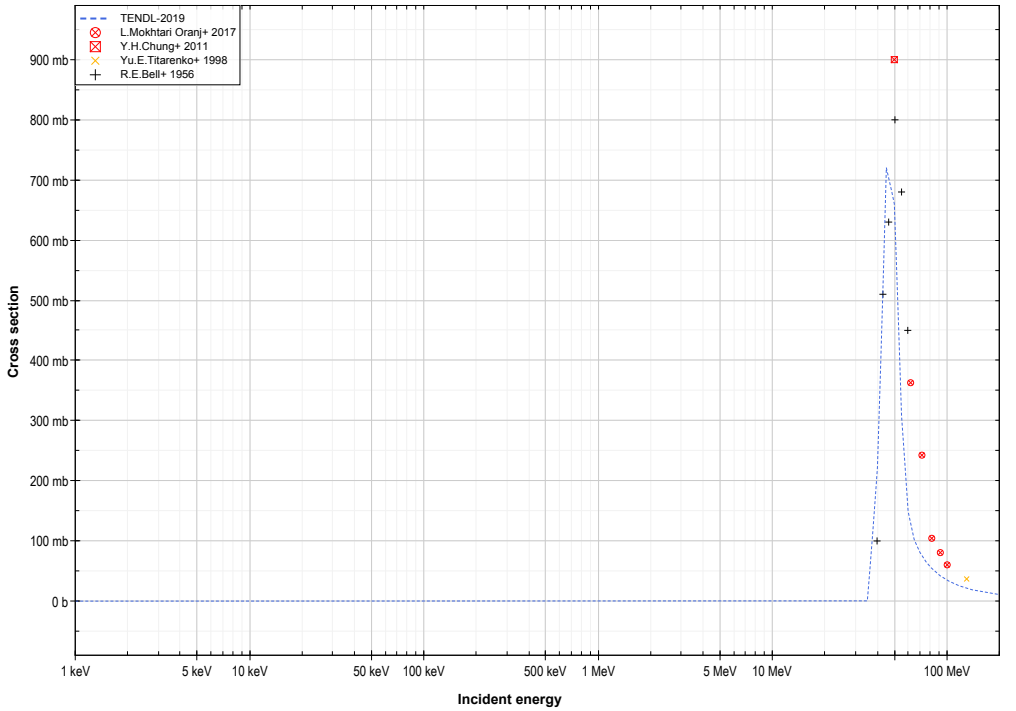
Reaction	Q-Value
Bi209(p,α)Pb206	10390.96 keV
Bi209(p,p+t)Pb206	-9422.91 keV
Bi209(p,n+He3)Pb206	-10186.66 keV
Bi209(p,2d)Pb206	-13455.57 keV
Bi209(p,n+p+d)Pb206	-15680.14 keV
Bi209(p,2n+2p)Pb206	-17904.70 keV

<< 82-Pb-208	**83-Bi-209**	90-Th-232 >>
<< MT107 (p,α)	**MT152 (p,5n) or MT5 (Po205 production)**	MT153 (p,6n) >>

Bi209 (p,5n) or Po205 production log-log



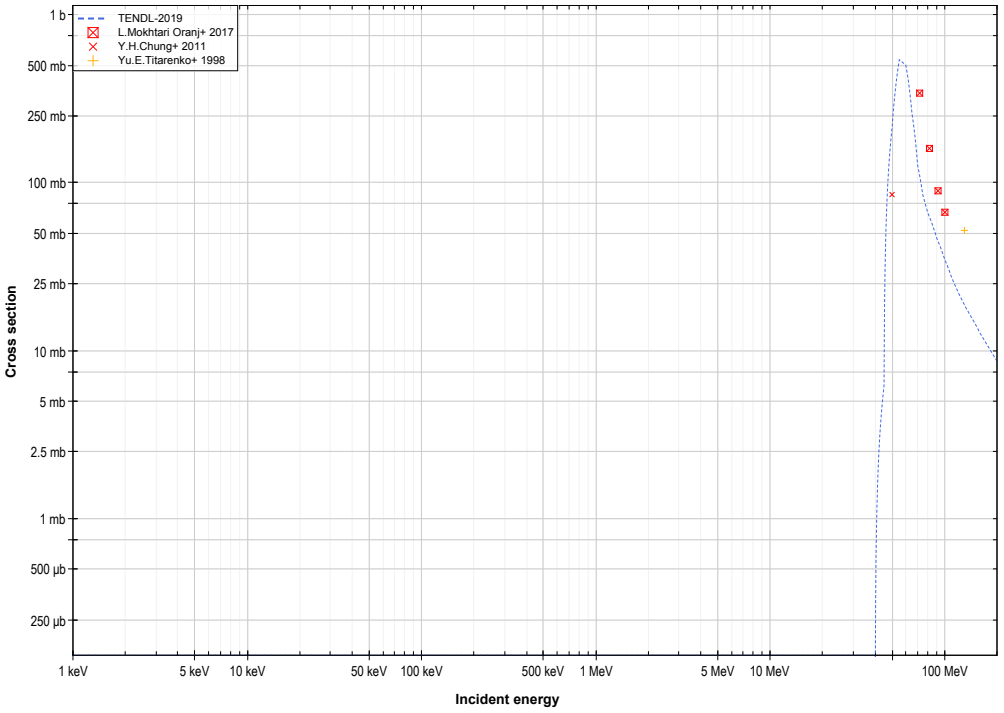
Bi209 (p,5n) or Po205 production lin-log



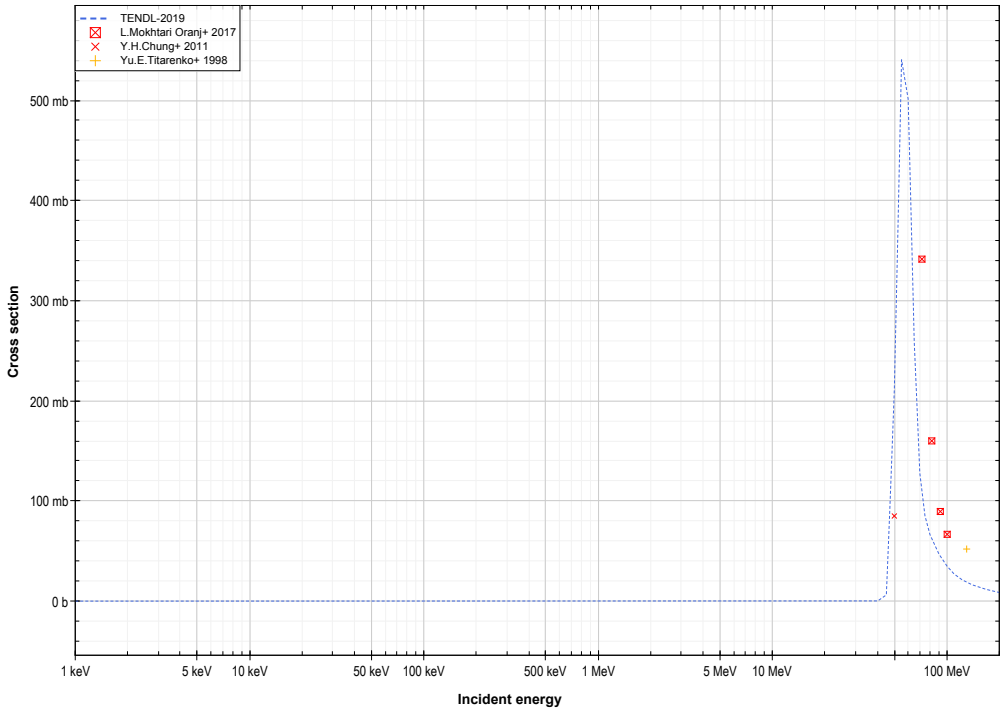
Reaction	Q-Value
Bi209(p,5n)Po205	-33805.31 keV

<< 81-Tl-205	**83-Bi-209**	90-Th-232 >>
<< MT152 (p,5n)	**MT153 (p,6n) or MT5 (Po204 production)**	MT160 (p,7n) >>

Bi209 (p,6n) or Po204 production log-log



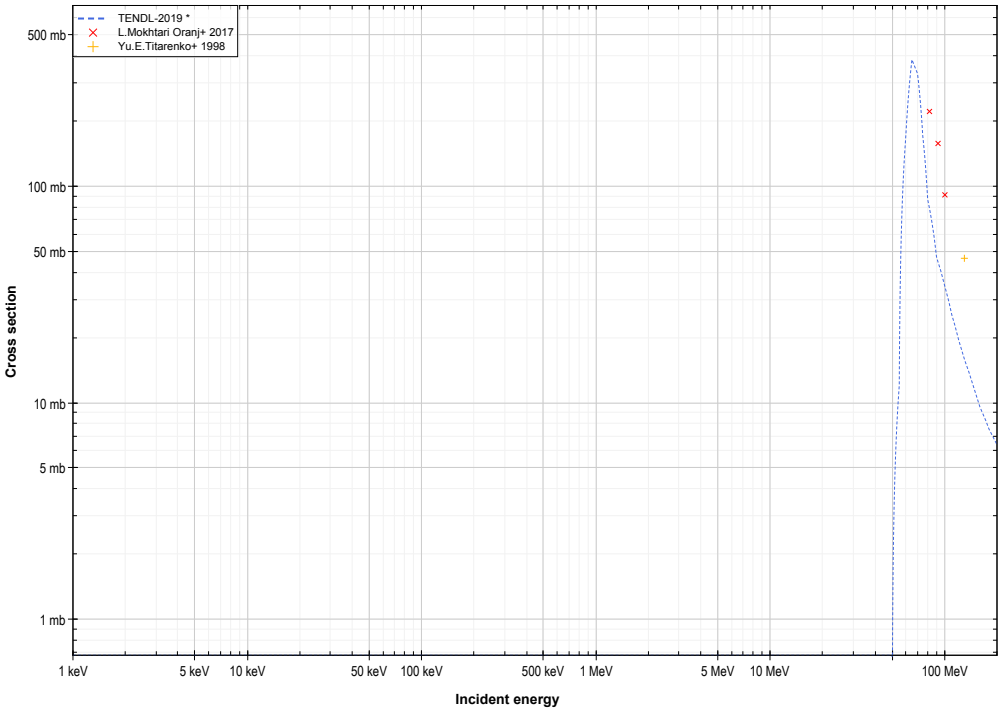
Bi209 (p,6n) or Po204 production lin-log



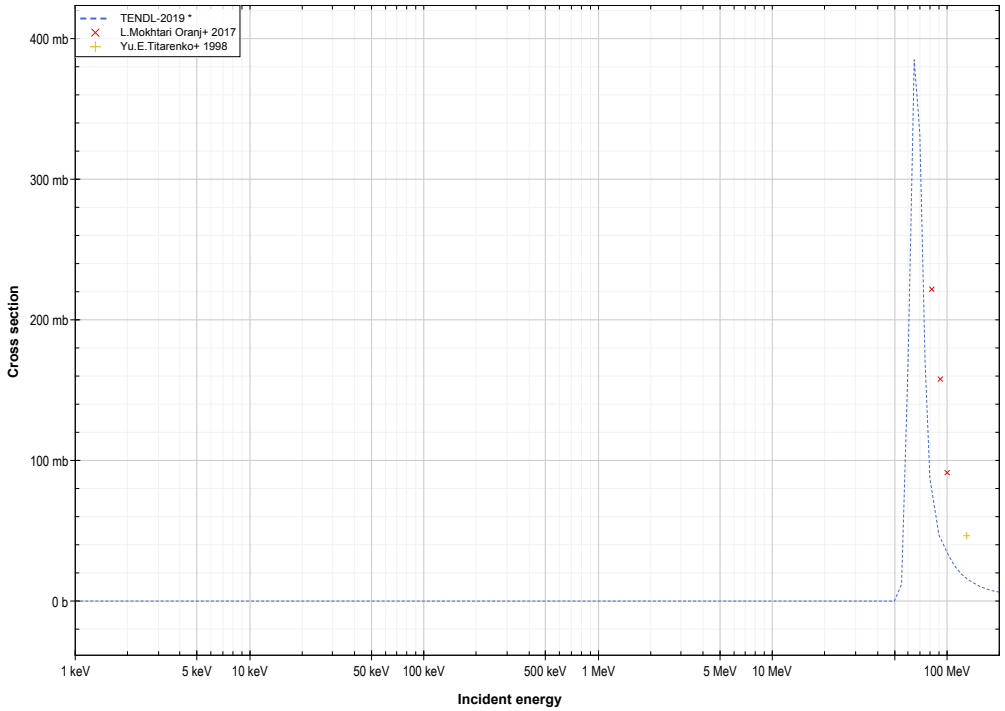
Reaction	Q-Value
Bi209(p,6n)Po204	-41056.63 keV

<< 82-Pb-206	**83-Bi-209**	90-Th-232 >>
<< MT153 (p,6n)	**MT160 (p,7n) or MT5 (Po203 production)**	MT161 (p,8n) >>

Bi209 (p,7n) or Po203 production log-log



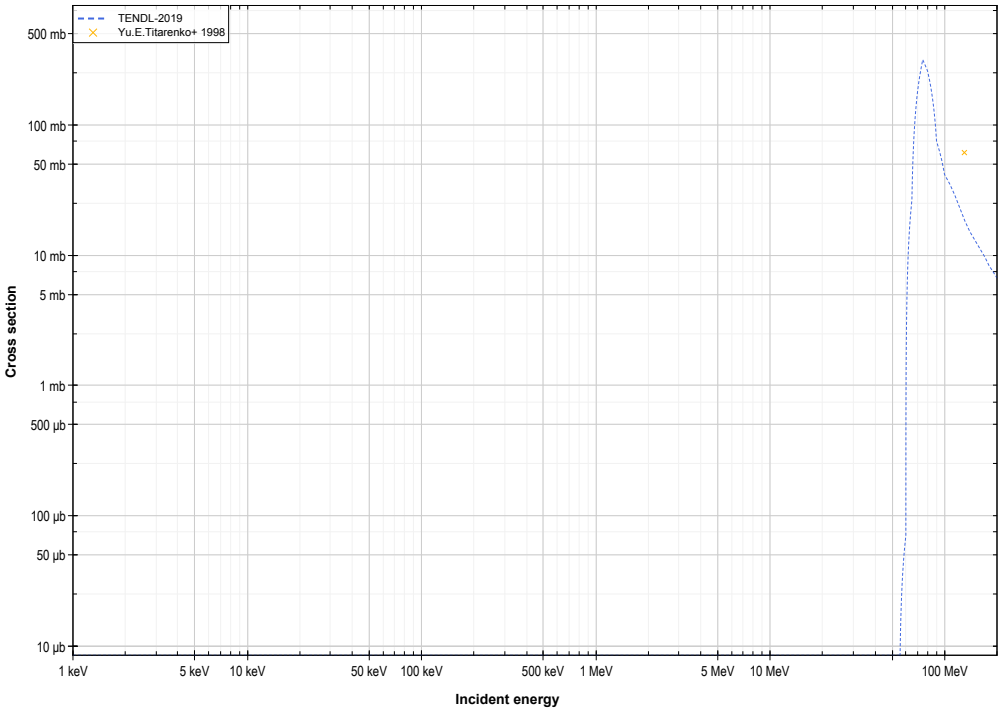
Bi209 (p,7n) or Po203 production lin-log



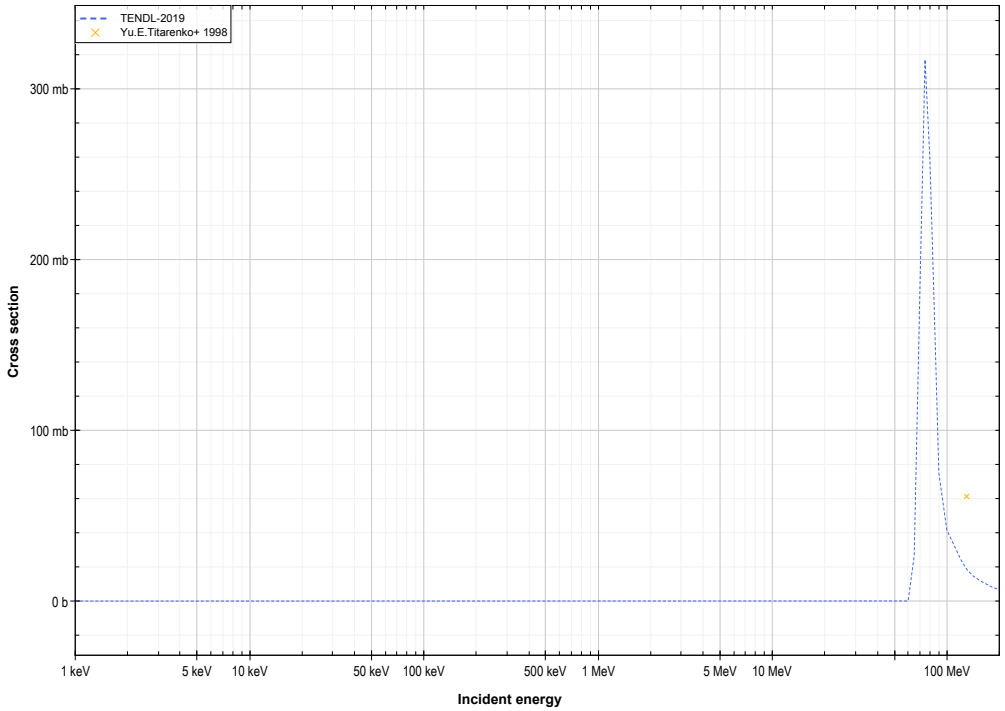
Reaction	Q-Value
Bi209(p,7n)Po203	-50157.95 keV

<< 79-Au-197	**83-Bi-209**	
<< MT160 (p,7n)	**MT161 (p,8n) or MT5 (Po202 production)**	88-Ra-226 MT16 (p,2n) >>

Bi209 (p,8n) or Po202 production log-log



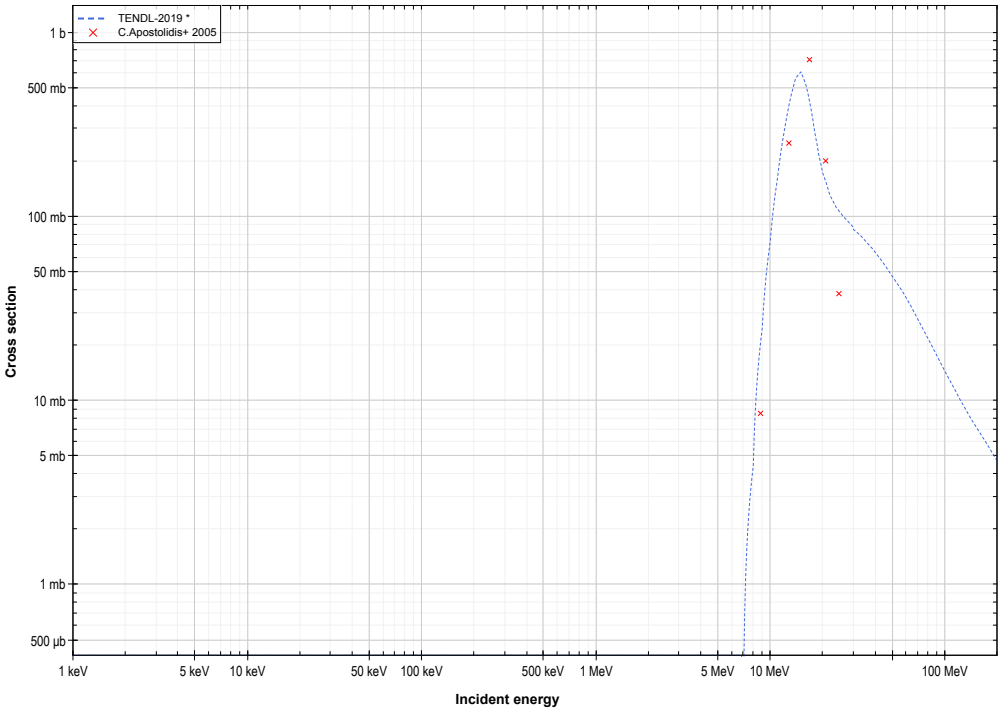
Bi209 (p,8n) or Po202 production lin-log



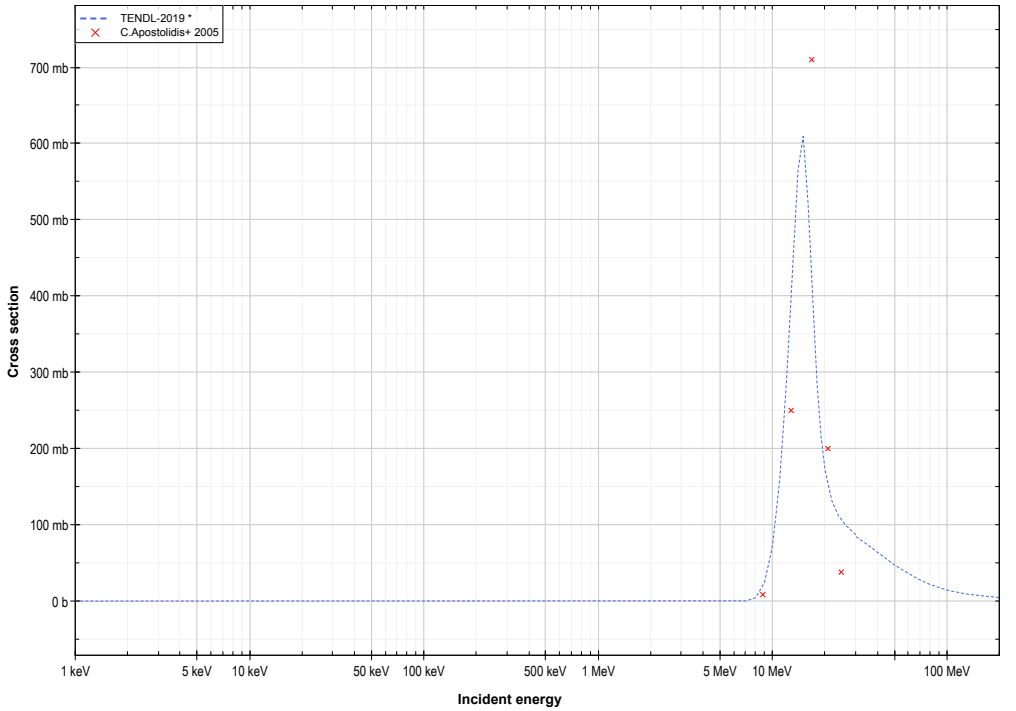
Reaction	Q-Value
Bi209(p,8n)Po202	-57598.27 keV

<< 83-Bi-209	**88-Ra-226**	90-Th-232 >>
<< 83-Bi-209 MT161 (p,8n)	**MT16 (p,2n) or MT5 (Ac225 production)**	MT18 (p,fission) >>

Ra226 (p,2n) or Ac225 production log-log



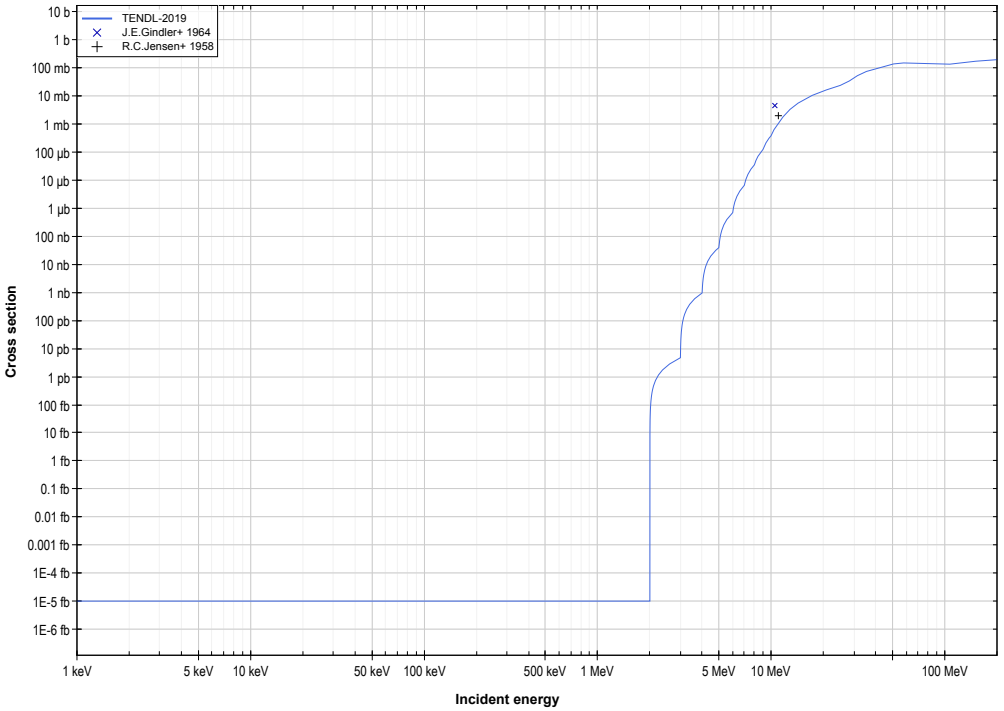
Ra226 (p,2n) or Ac225 production lin-log



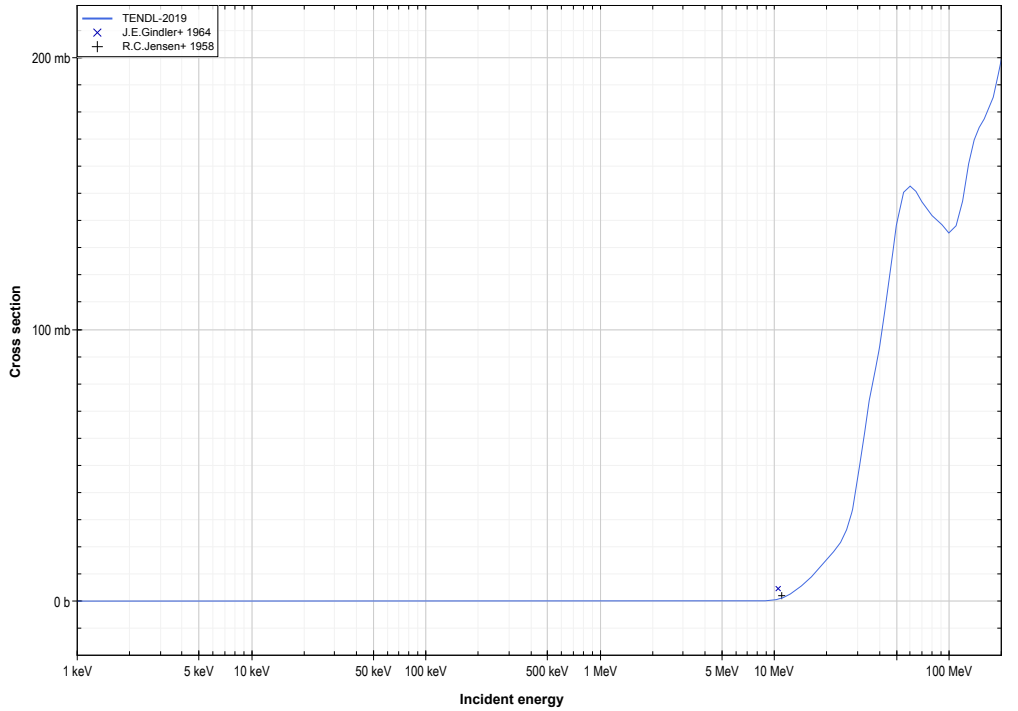
Reaction	Q-Value
Ra226(p,2n)Ac225	-6822.86 keV

<< 83-Bi-209	**88-Ra-226**	90-Th-232 >>
<< MT16 (p,2n)	**MT18 (p,fission)**	90-Th-232 MT4 (p,n) >>

Ra226 (p,fission) log-log

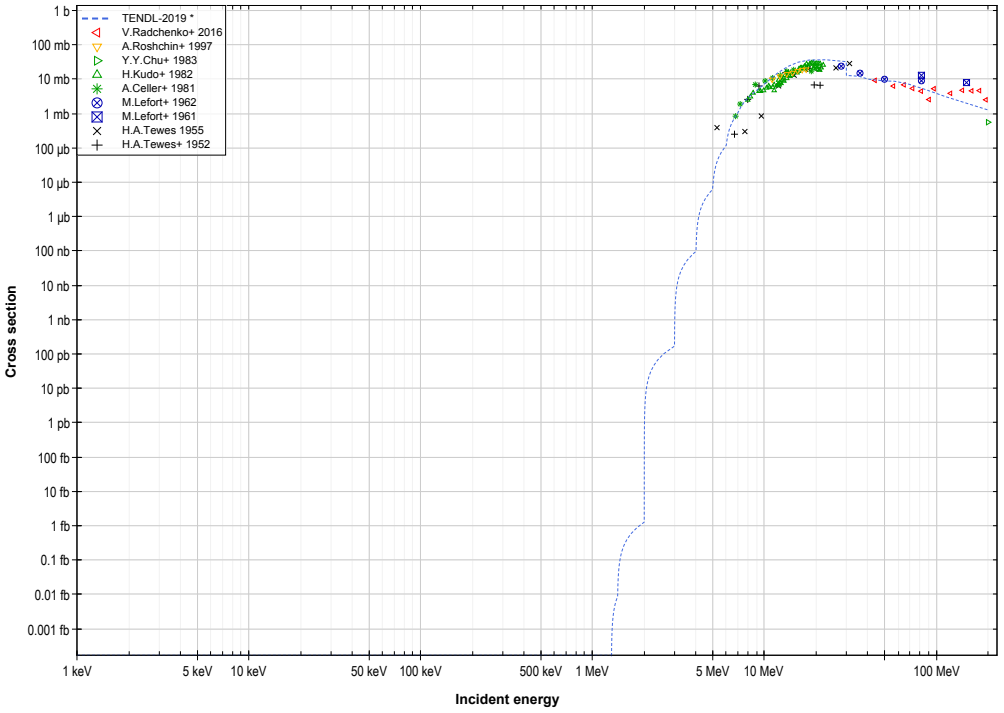


Ra226 (p,fission) lin-log

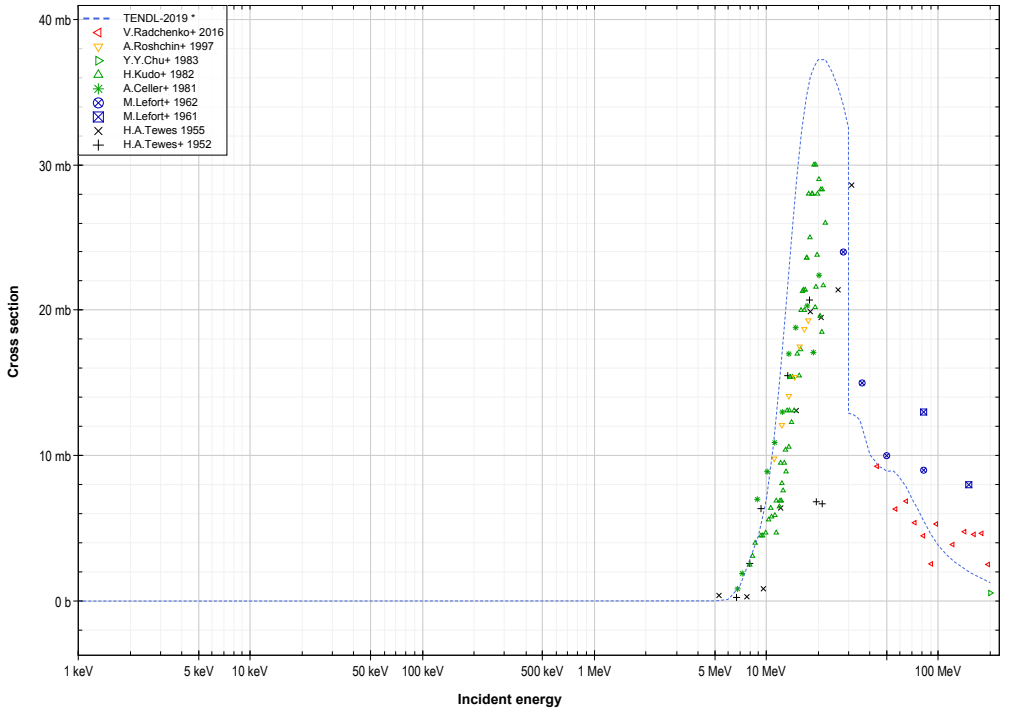


<< 83-Bi-209	**90-Th-232**	92-U-235 >>
<< 88-Ra-226 MT18 (p,fission)	**MT4 (p,n) or MT5 (Pa232 production)**	MT11 (p,2n+d) >>

Th232 (p,n) or Pa232 production log-log



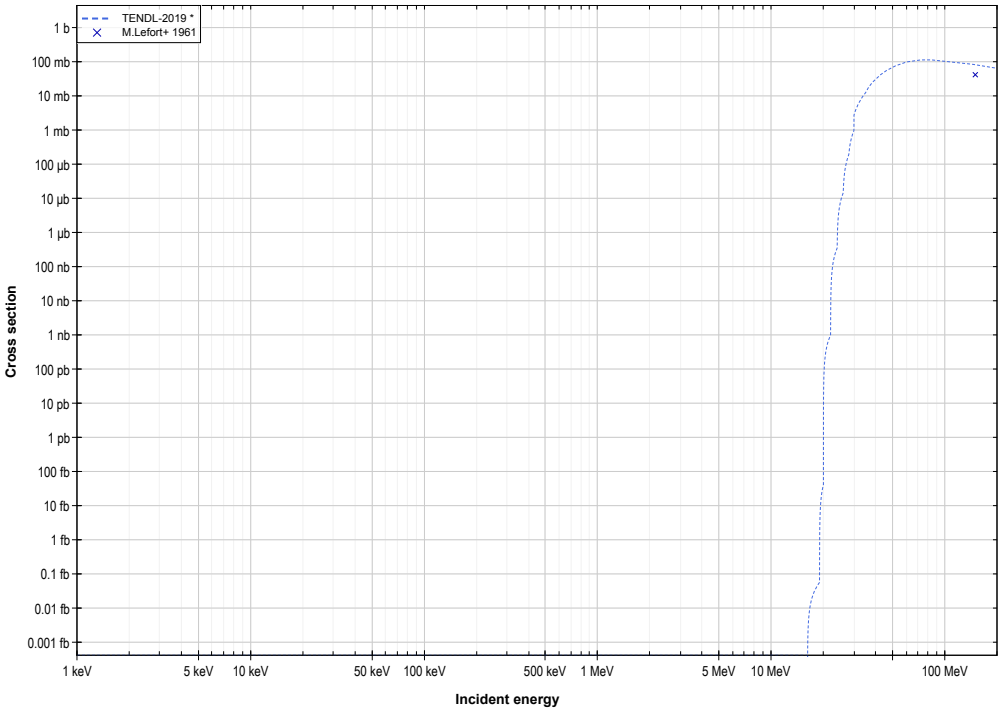
Th232 (p,n) or Pa232 production lin-log



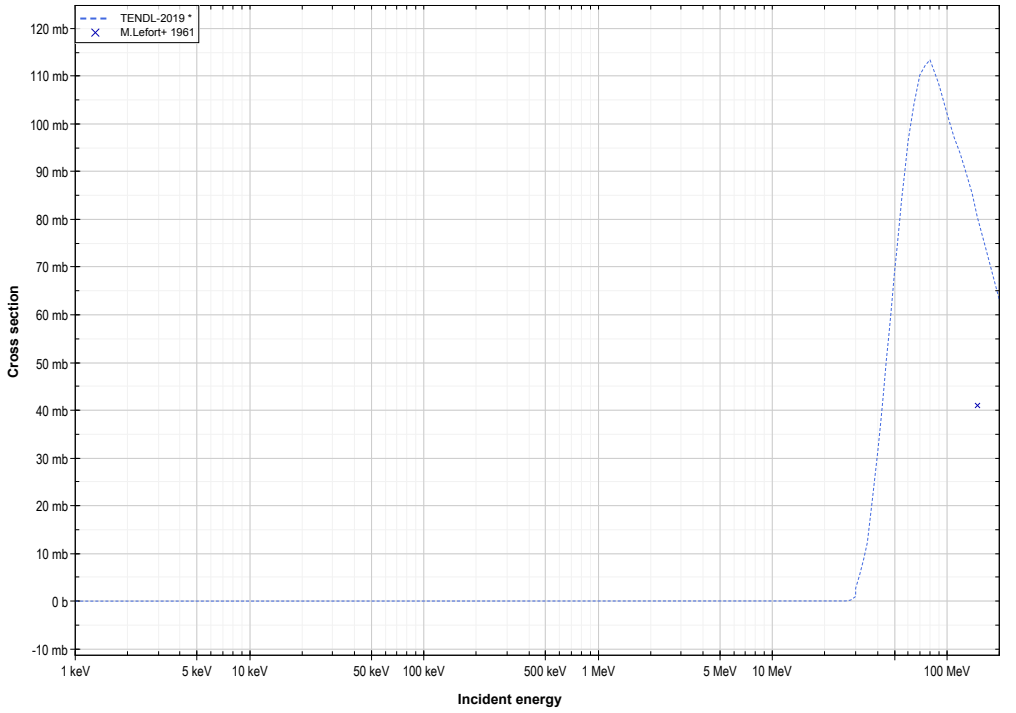
Reaction	Q-Value
Th232(p,n)Pa232	-1282.55 keV

<< 79-Au-197	**90-Th-232**	
<< MT4 (p,n)	**MT11 (p,2n+d) or MT5 (Th229 production)**	MT16 (p,2n) >>

Th232 (p,2n+d) or Th229 production log-log



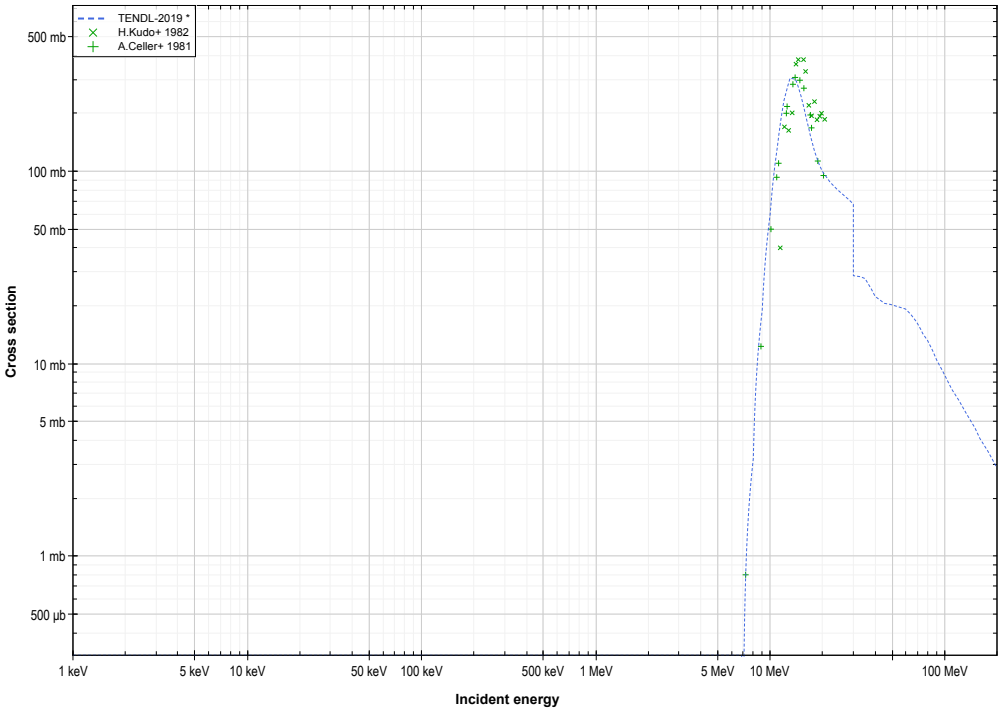
Th232 (p,2n+d) or Th229 production lin-log



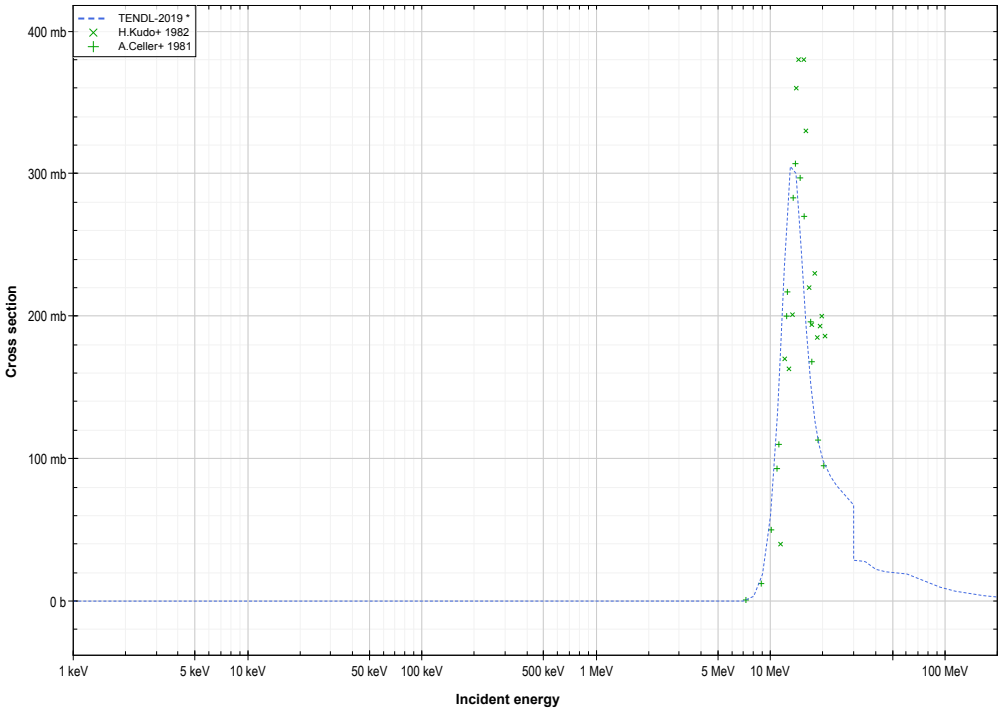
Reaction	Q-Value
Th232(p,n+t)Th229	-9870.96 keV
Th232(p,2n+d)Th229	-16128.19 keV
Th232(p,3n+p)Th229	-18352.75 keV

<< 88-Ra-226	**90-Th-232**	91-Pa-231 >>
<< MT11 (p,2n+d)	**MT16 (p,2n) or MT5 (Pa231 production)**	MT17 (p,3n) >>

Th232 (p,2n) or Pa231 production log-log



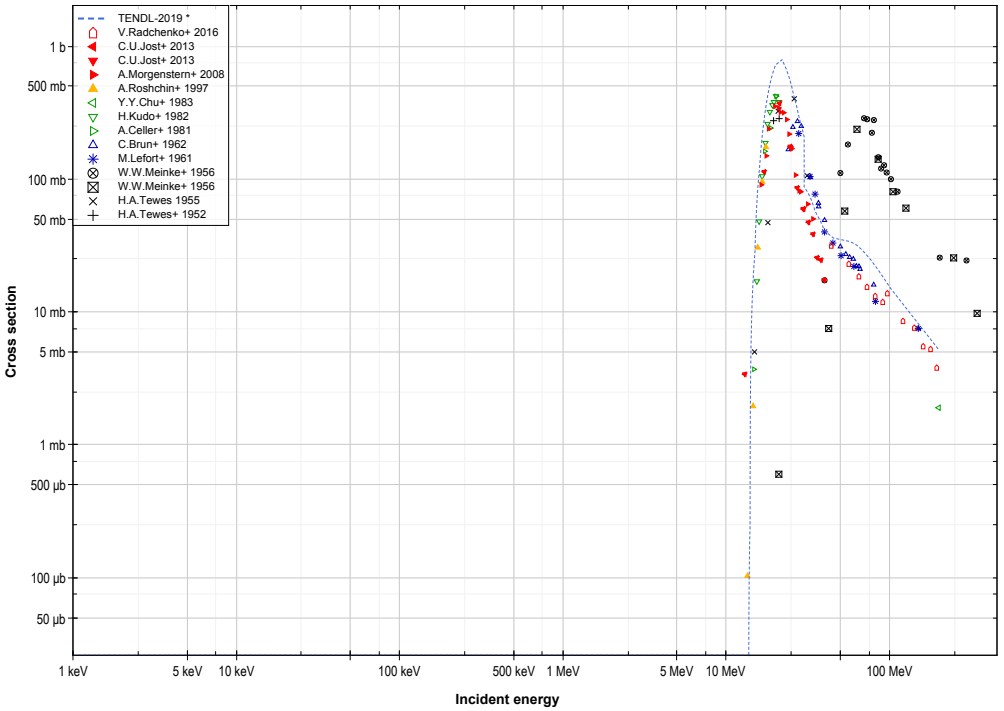
Th232 (p,2n) or Pa231 production lin-log



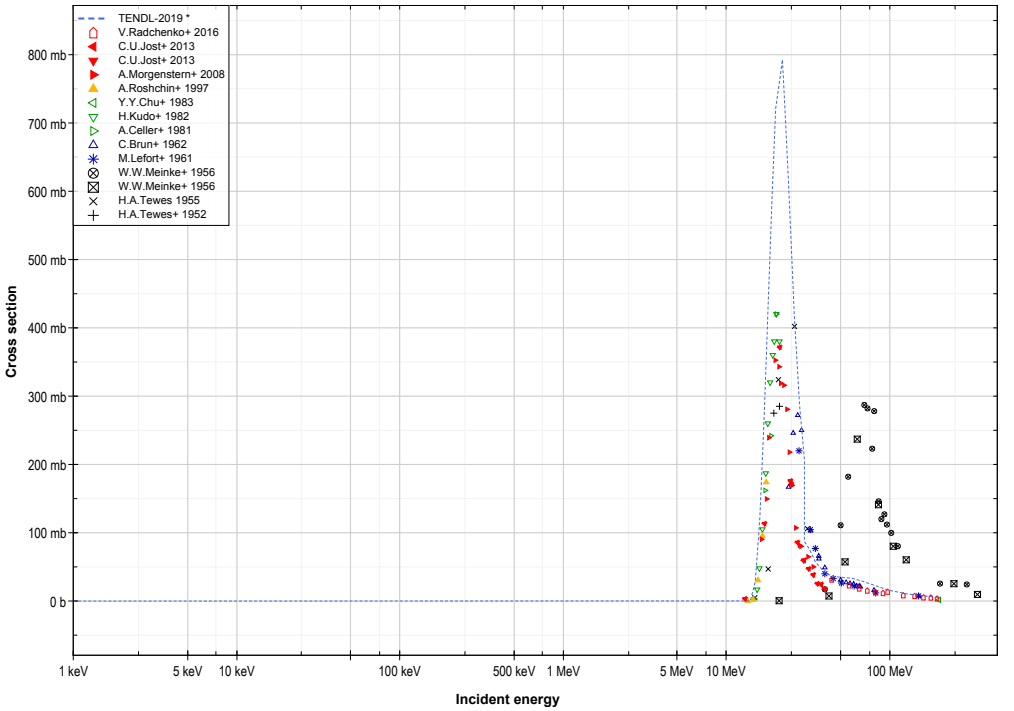
Reaction	Q-Value
Th232(p,2n)Pa231	-6831.26 keV

<< 83-Bi-209	**90-Th-232**	92-U-235 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Pa230 production)**	MT18 (p,fission) >>

Th232 (p,3n) or Pa230 production log-log



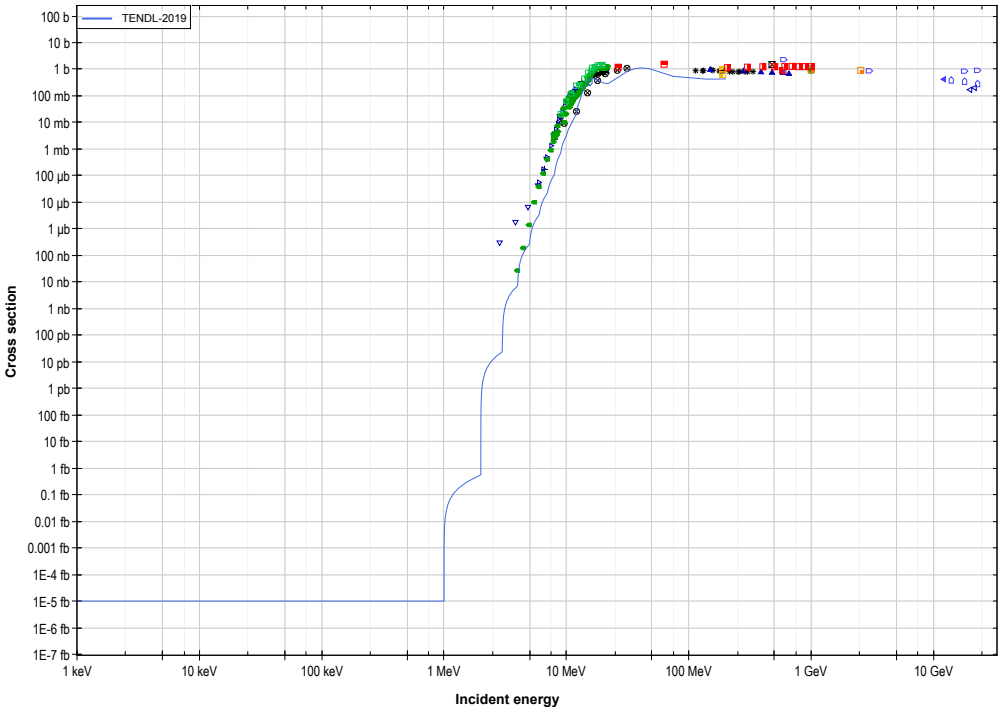
Th232 (p,3n) or Pa230 production lin-log



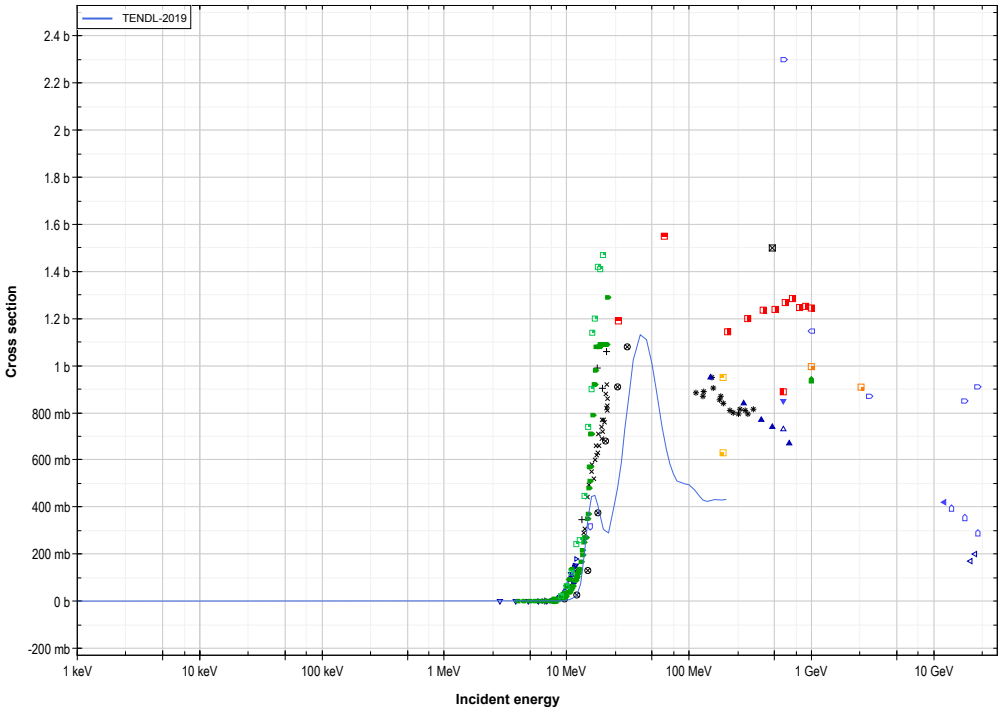
Reaction	Q-Value
Th232(p,3n)Pa230	-13652.18 keV

<< 88-Ra-226	**90-Th-232**	92-U-233 >>
<< MT17 (p,3n)	**MT18 (p,fission)**	MT22 (p,n+α) >>

Th232 (p,fission) log-log

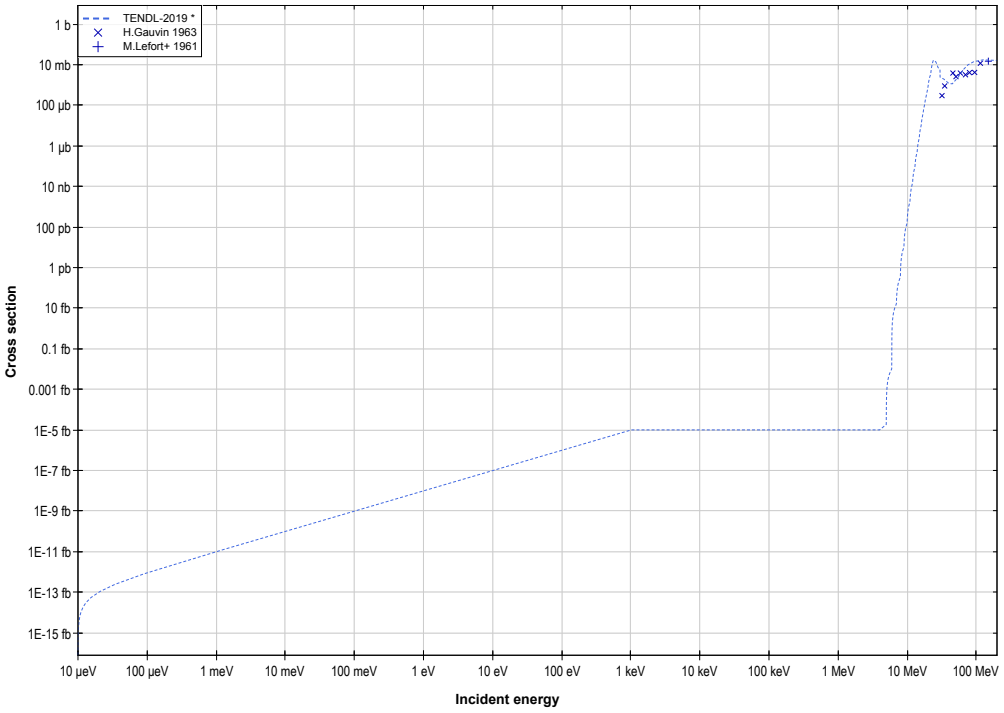


Th232 (p,fission) lin-log

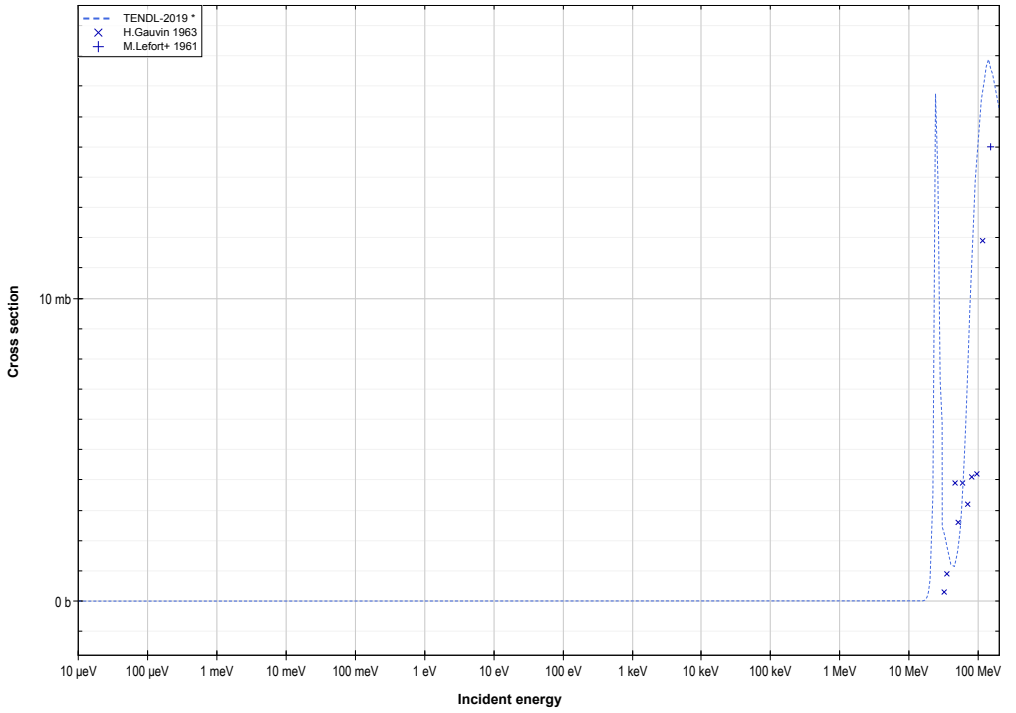


<< 80-Hg-202	**90-Th-232**	
<< MT18 (p,fission)	**MT22 (p,n+α) or MT5 (Ac228 production)**	MT24 (p,2n+α) >>

Th232 (p,n+α) or Ac228 production log-log



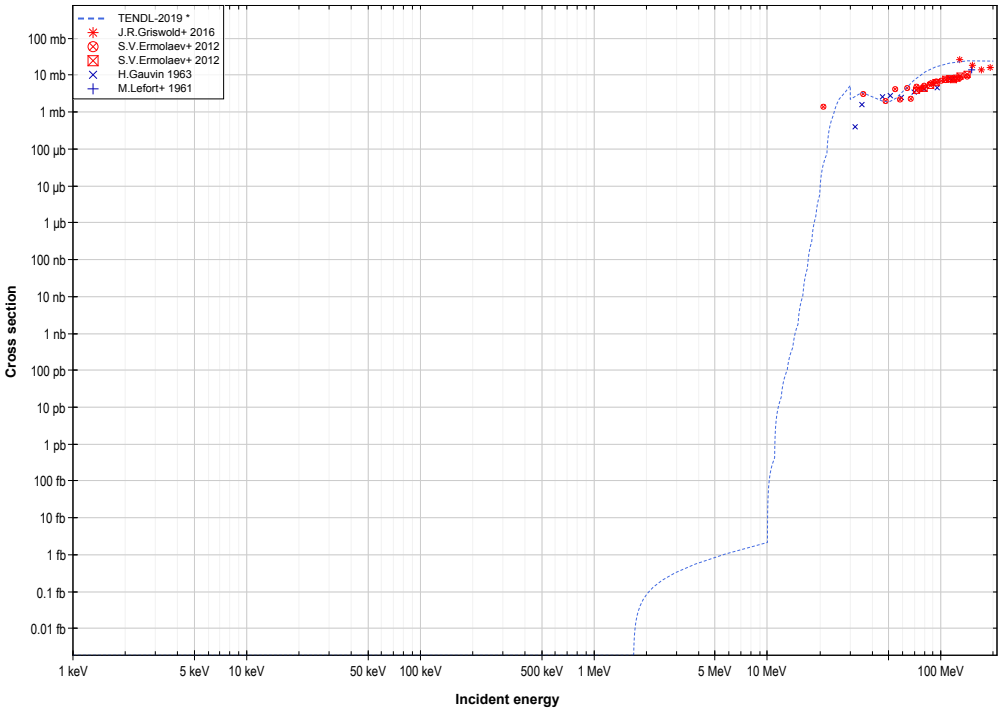
Th232 (p,n+α) or Ac228 production lin-log



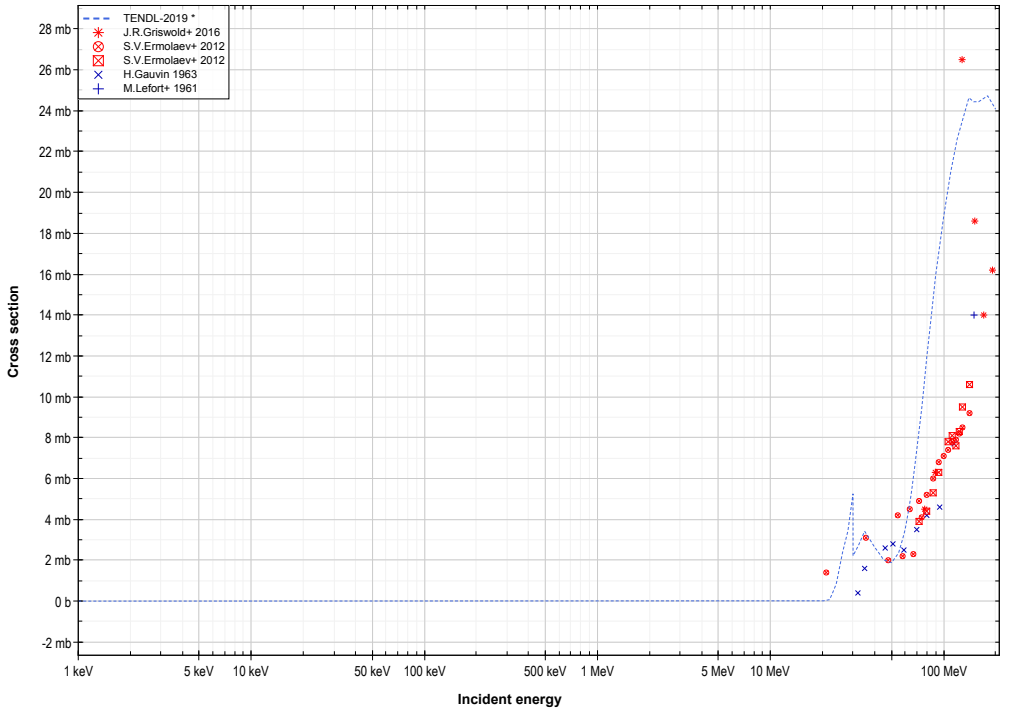
Reaction	Q-Value
Th232(p,n+α)Ac228	3344.84 keV
Th232(p,d+t)Ac228	-14244.46 keV
Th232(p,n+p+t)Ac228	-16469.03 keV
Th232(p,2n+He3)Ac228	-17232.78 keV
Th232(p,n+2d)Ac228	-20501.69 keV
Th232(p,2n+p+d)Ac228	-22726.26 keV
Th232(p,3n+2p)Ac228	-24950.82 keV

<< 54-Xe-124	**90-Th-232**	92-U-238 >>
<< MT22 (p,n+α)	**MT24 (p,2n+α) or MT5 (Ac227 production)**	MT25 (p,3n+α) >>

Th232 (p,2n+α) or Ac227 production log-log



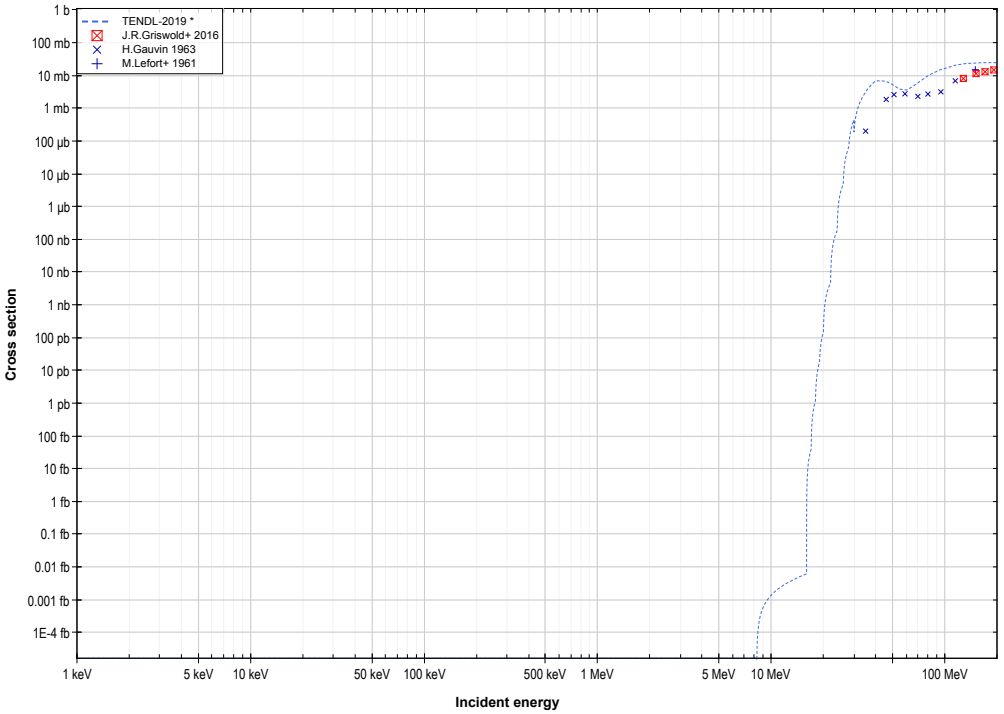
Th232 (p,2n+α) or Ac227 production lin-log



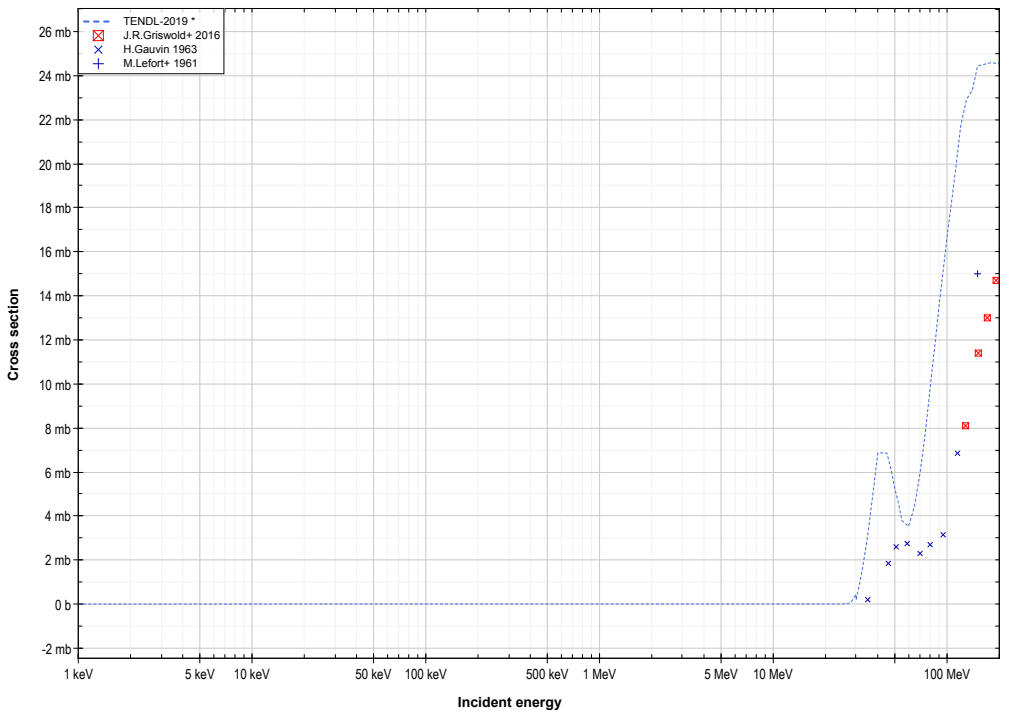
Reaction	Q-Value
Th232(p,2n+α)Ac227	-1681.38 keV
Th232(p,2t)Ac227	-13013.45 keV
Th232(p,n+d+t)Ac227	-19270.68 keV
Th232(p,2n+p+t)Ac227	-21495.24 keV
Th232(p,3n+He3)Ac227	-22259.00 keV
Th232(p,2n+2d)Ac227	-25527.91 keV
Th232(p,3n+p+d)Ac227	-27752.47 keV
Th232(p,4n+2p)Ac227	-29977.04 keV

<< 80-Hg-202	**90-Th-232**	92-U-238 >>
<< MT24 (p,2n+α)	**MT25 (p,3n+α) or MT5 (Ac226 production)**	MT28 (p,n+p) >>

Th232 (p,3n+α) or Ac226 production log-log



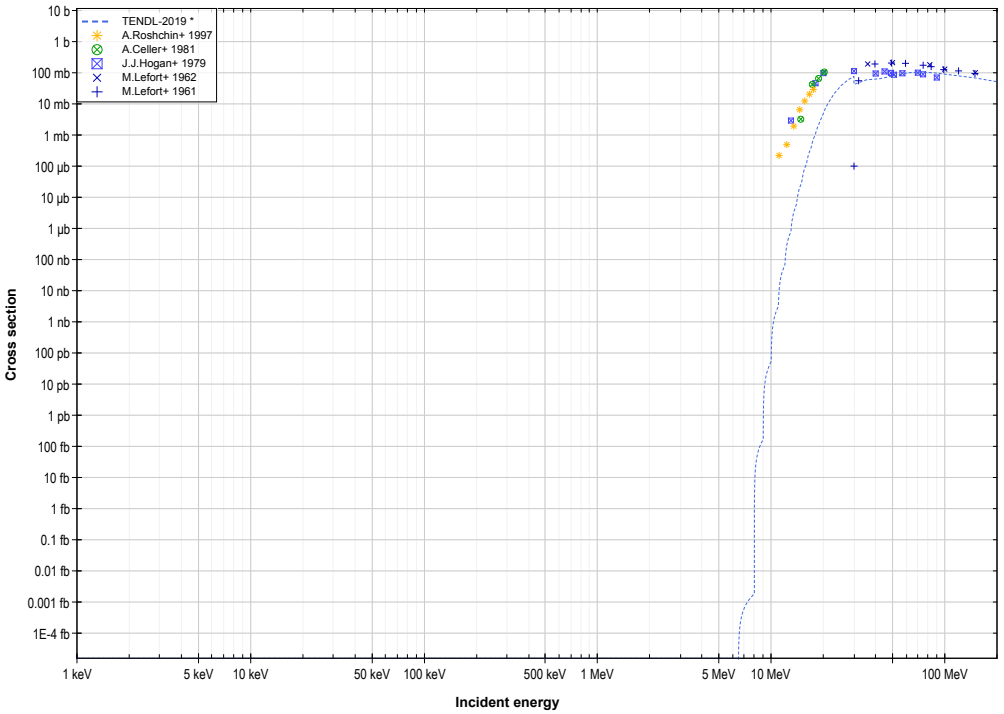
Th232 (p,3n+α) or Ac226 production lin-log



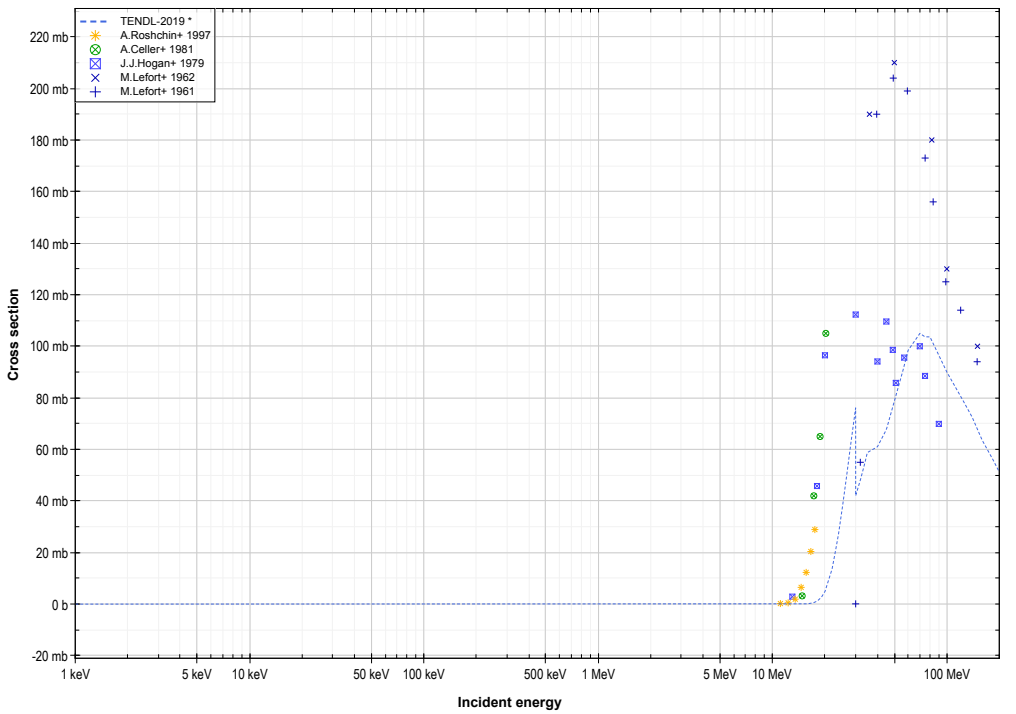
Reaction	Q-Value
Th232(p,3n+α)Ac226	-8212.10 keV
Th232(p,n+2t)Ac226	-19544.17 keV
Th232(p,2n+d+t)Ac226	-25801.40 keV
Th232(p,3n+p+t)Ac226	-28025.96 keV
Th232(p,4n+He3)Ac226	-28789.72 keV
Th232(p,3n+2d)Ac226	-32058.62 keV
Th232(p,4n+p+d)Ac226	-34283.19 keV
Th232(p,5n+2p)Ac226	-36507.76 keV

<< 79-Au-197	**90-Th-232**	92-U-238 >>
<< MT25 (p,3n+α)	**MT28 (p,n+p) or MT5 (Th231 production)**	MT33 (p,n+t) >>

Th232 (p,n+p) or Th231 production log-log



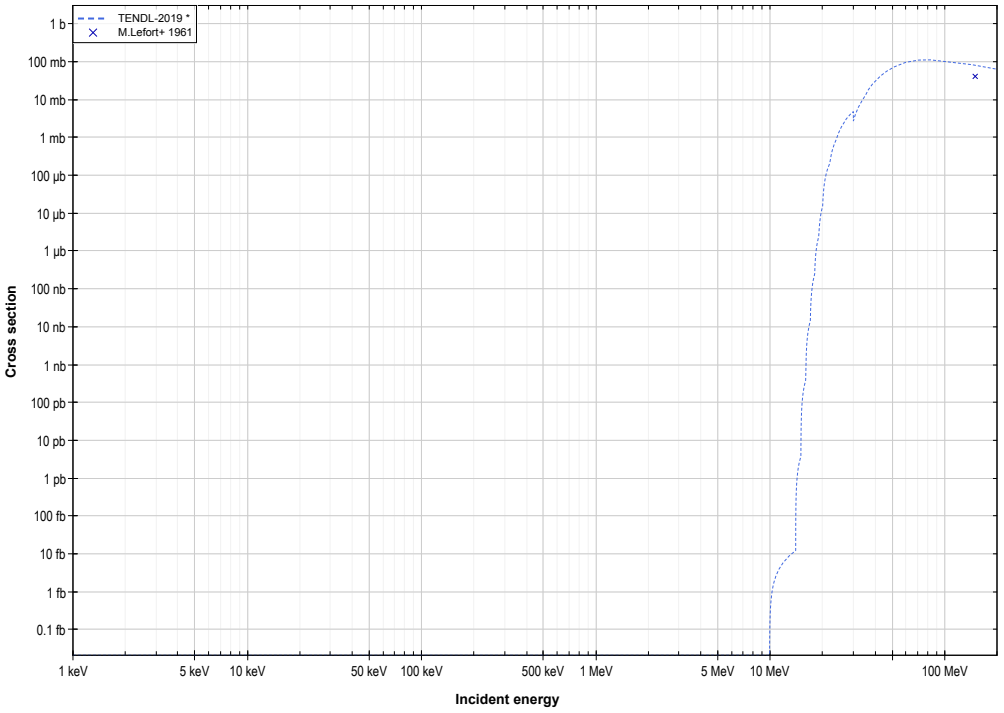
Th232 (p,n+p) or Th231 production lin-log



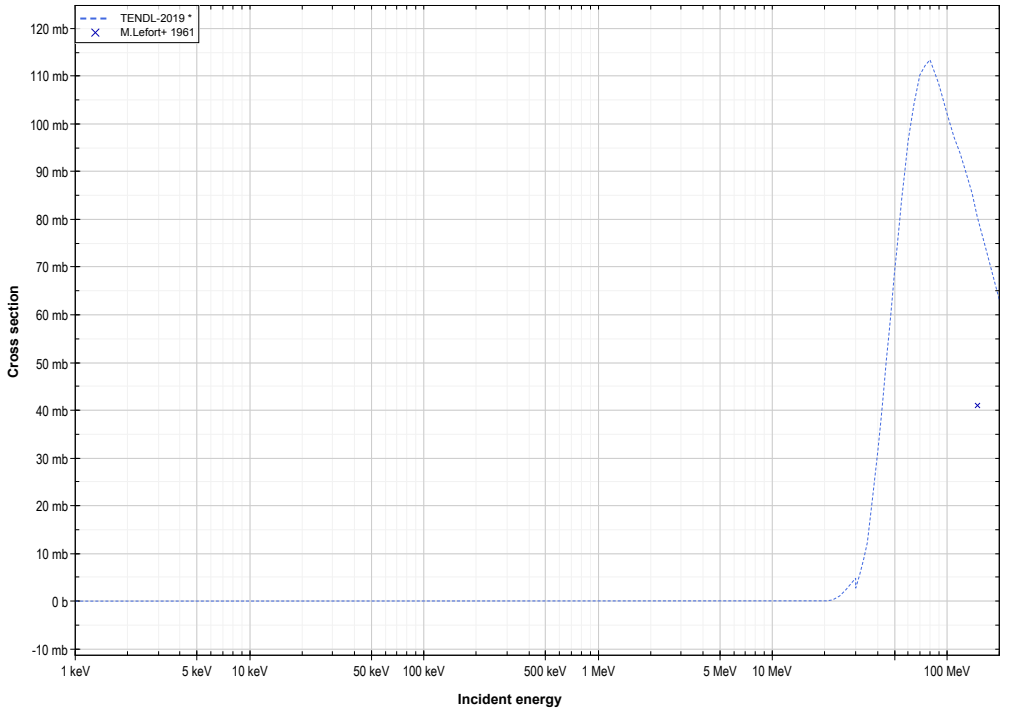
Reaction	Q-Value
Th232(p,d)Th231	-4215.85 keV
Th232(p,n+p)Th231	-6440.42 keV

<< 79-Au-197	**90-Th-232**	
<< MT28 (p,n+p)	**MT33 (p,n+t) or MT5 (Th229 production)**	MT37 (p,4n) >>

Th232 (p,n+t) or Th229 production log-log



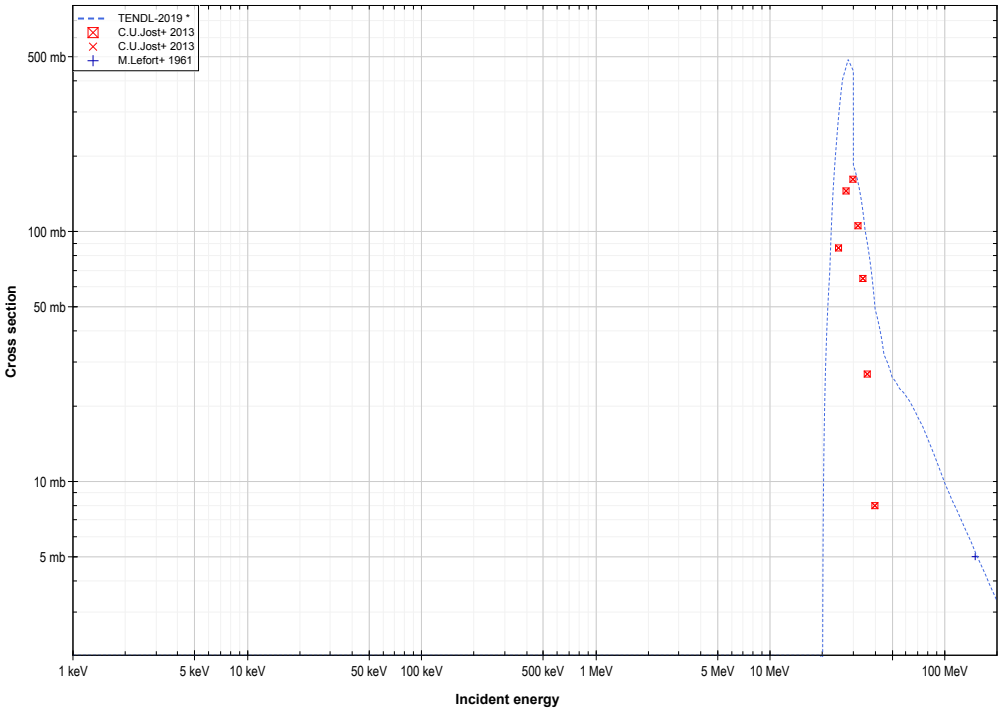
Th232 (p,n+t) or Th229 production lin-log



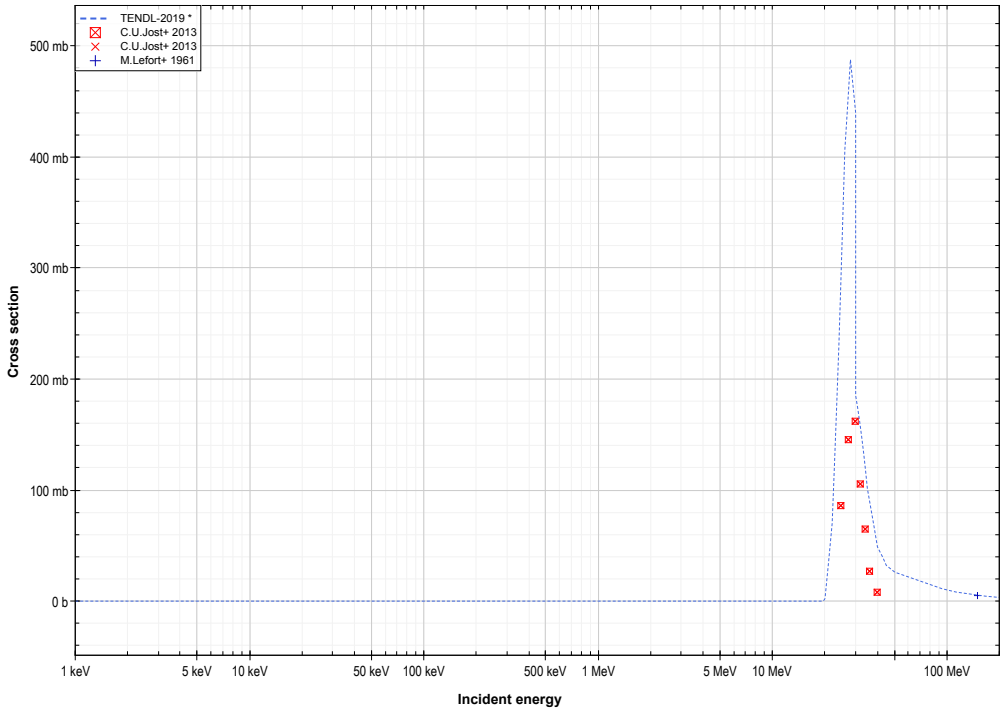
Reaction	Q-Value
Th232(p,n+t)Th229	-9870.96 keV
Th232(p,2n+d)Th229	-16128.19 keV
Th232(p,3n+p)Th229	-18352.75 keV

<< 83-Bi-209	**90-Th-232**	92-U-235 >>
<< MT33 (p,n+t)	**MT37 (p,4n) or MT5 (Pa229 production)**	MT42 (p,3n+p) >>

Th232 (p,4n) or Pa229 production log-log



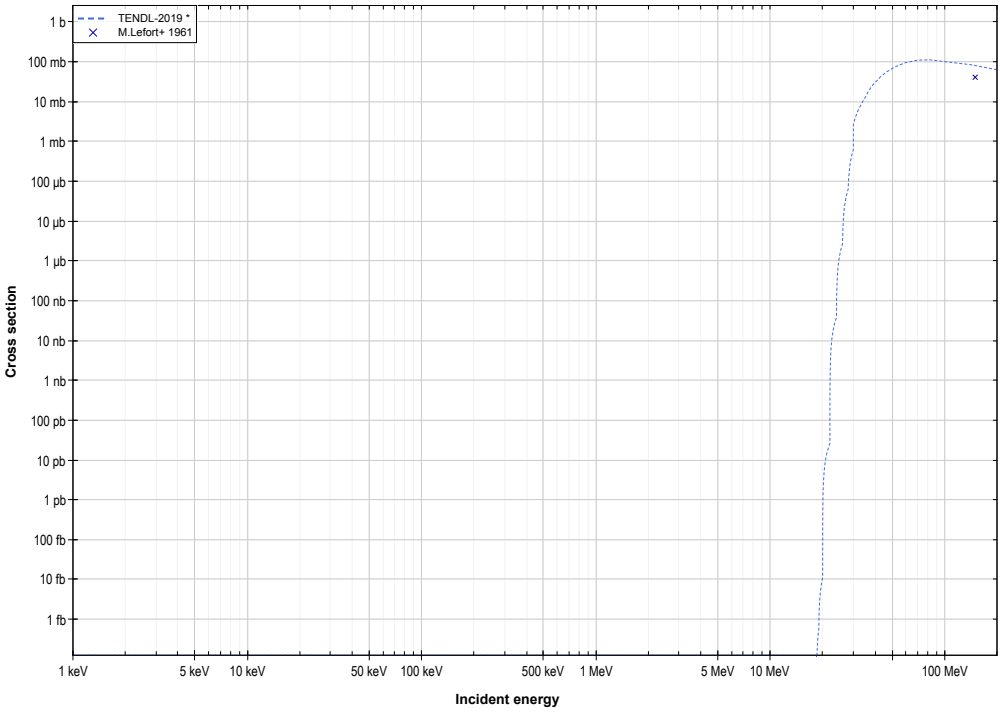
Th232 (p,4n) or Pa229 production lin-log



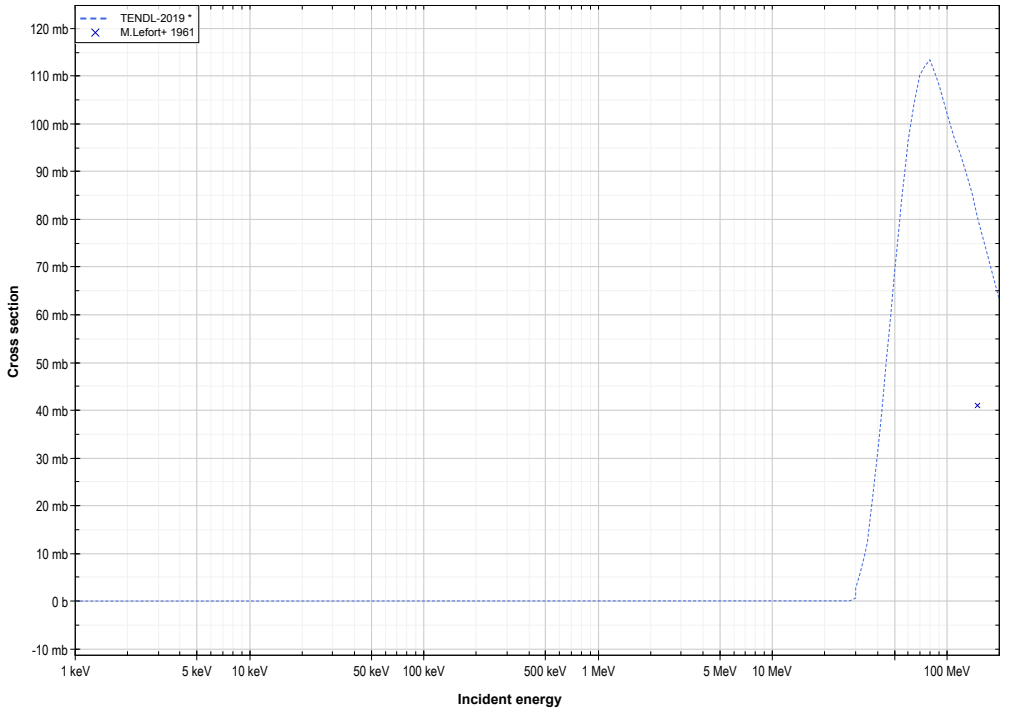
Reaction	Q-Value
Th232(p,4n)Pa229	-19446.50 keV

<< 79-Au-197	**90-Th-232**	
<< MT37 (p,4n)	**MT42 (p,3n+p) or MT5 (Th229 production)**	MT45 (p,n+p+α) >>

Th232 (p,3n+p) or Th229 production log-log



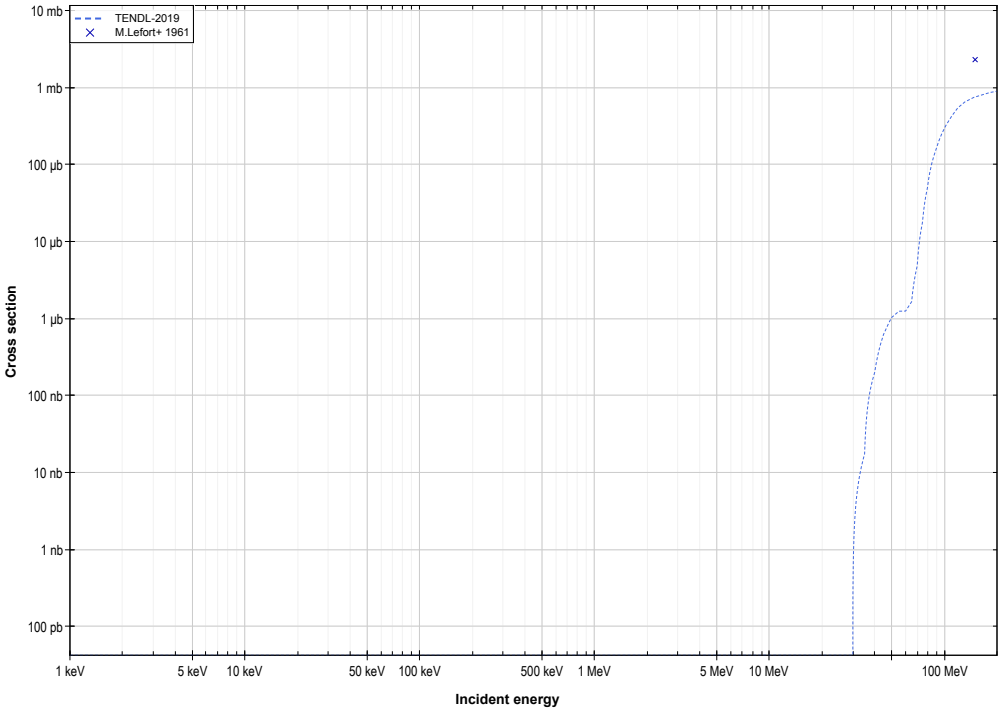
Th232 (p,3n+p) or Th229 production lin-log



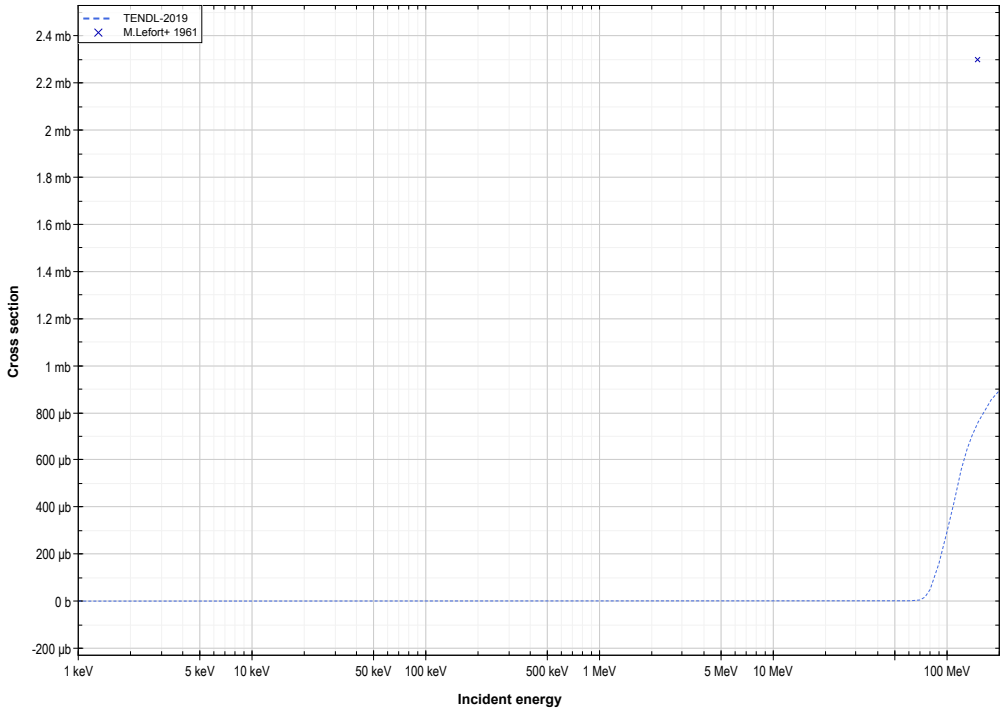
Reaction	Q-Value
Th232(p,n+t)Th229	-9870.96 keV
Th232(p,2n+d)Th229	-16128.19 keV
Th232(p,3n+p)Th229	-18352.75 keV

<< 79-Au-197	**90-Th-232**	
<< MT42 (p,3n+p)	**MT45 (p,n+p+α) or MT5 (Ra227 production)**	MT102 (p,γ) >>

Th232 (p,n+p+α) or Ra227 production log-log



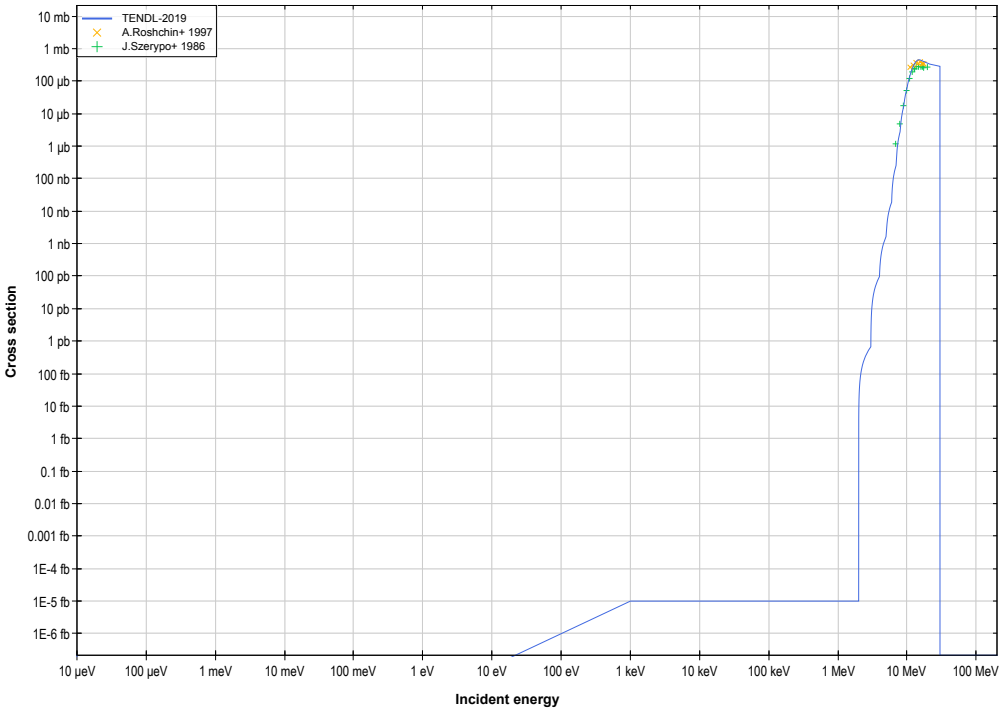
Th232 (p,n+p+α) or Ra227 production lin-log



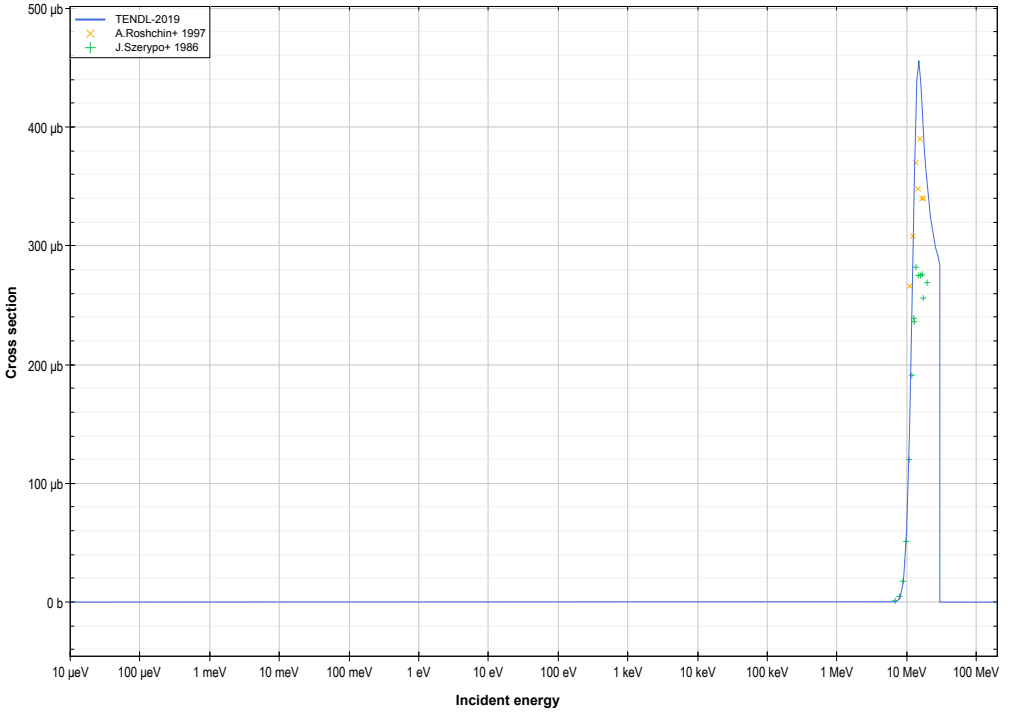
Reaction	Q-Value	Reaction	Q-Value
Th232(p,d+α)Ra227	-2.57 keV	Th232(p,n+p+2d)Ra227	-26073.66 keV
Th232(p,n+p+α)Ra227	-2227.13 keV	Th232(p,2n+2p+d)Ra227	-28298.23 keV
Th232(p,t+He3)Ra227	-14322.96 keV	Th232(p,3n+3p)Ra227	-30522.79 keV
Th232(p,p+d+t)Ra227	-19816.43 keV		
Th232(p,n+d+He3)Ra227	-20580.19 keV		
Th232(p,n+2p+t)Ra227	-22041.00 keV		
Th232(p,2n+p+He3)Ra227	-22804.75 keV		
Th232(p,3d)Ra227	-23849.09 keV		

<< 83-Bi-209	**90-Th-232**	92-U-235 >>
<< MT45 (p,n+p+α)	**MT102 (p,γ) or MT5 (Pa233 production)**	MT104 (p,d) >>

Th232 (p,γ) or Pa233 production log-log



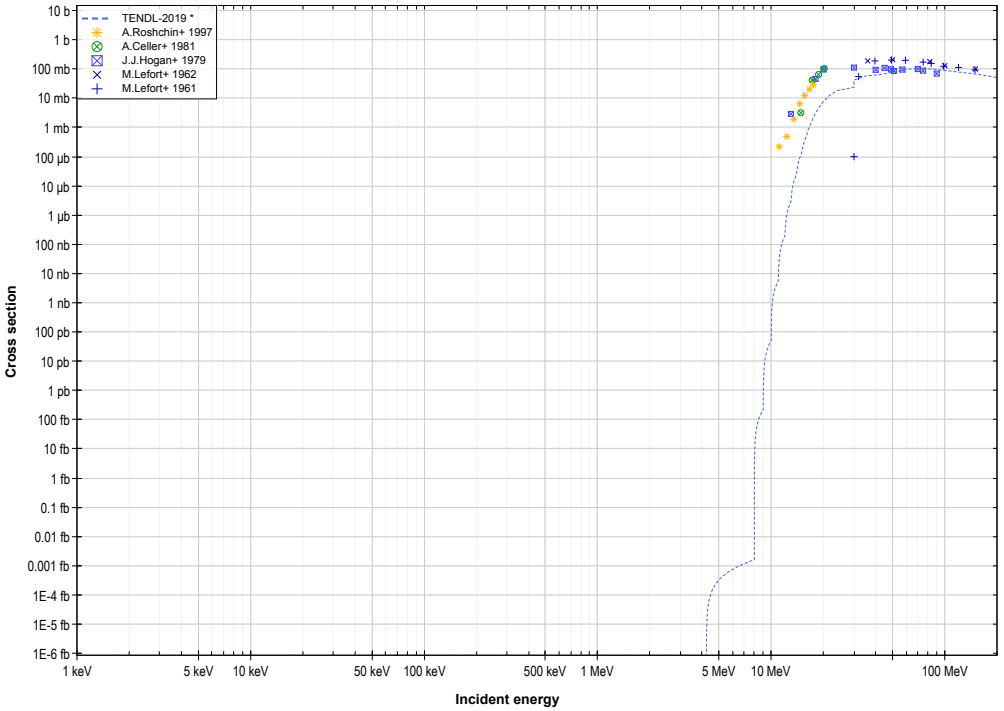
Th232 (p,γ) or Pa233 production lin-log



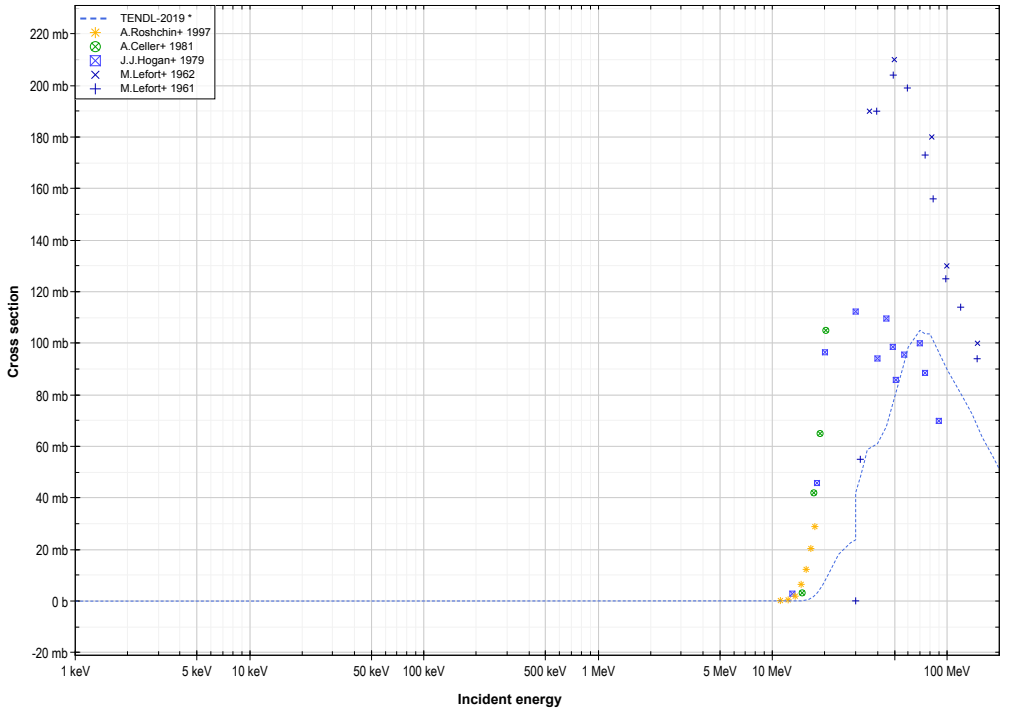
Reaction	Q-Value
Th232(p,γ)Pa233	5246.27 keV

<< 79-Au-197	**90-Th-232**	92-U-235 >>
<< MT102 (p,γ)	**MT104 (p,d) or MT5 (Th231 production)**	MT107 (p,α) >>

Th232 (p,d) or Th231 production log-log



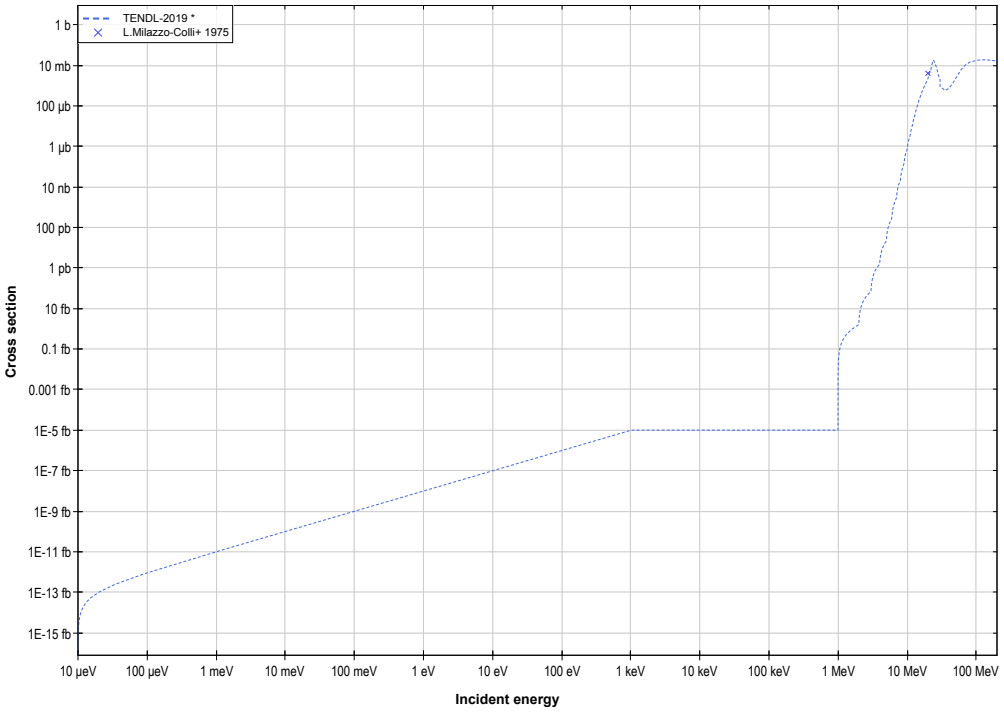
Th232 (p,d) or Th231 production lin-log



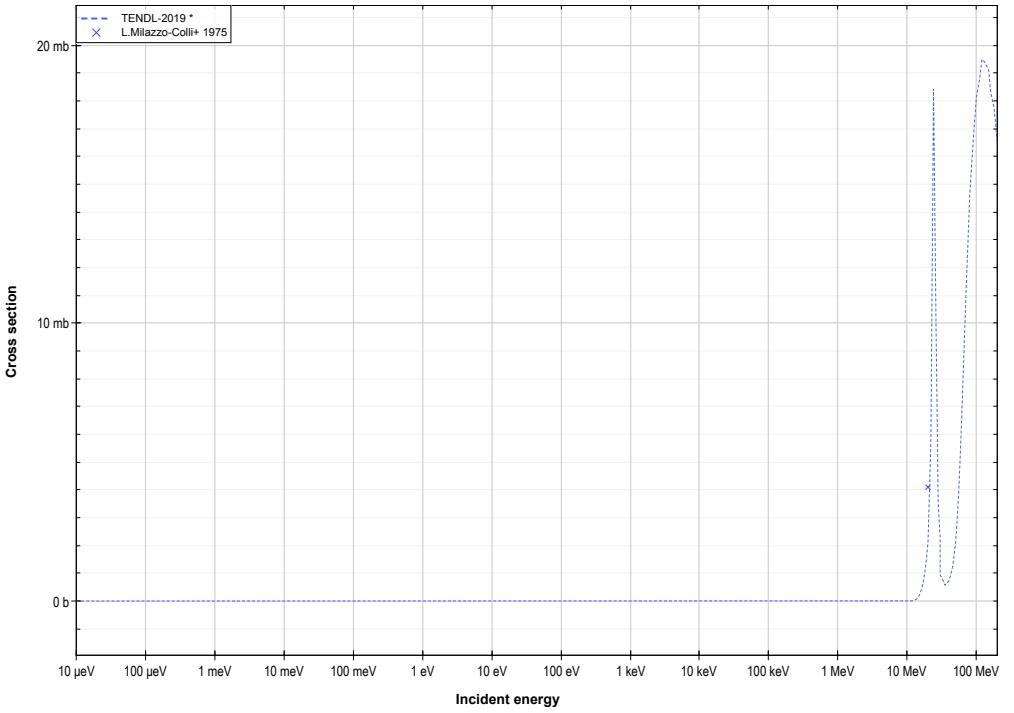
Reaction	Q-Value
Th232(p,d)Th231	-4215.85 keV
Th232(p,n+p)Th231	-6440.42 keV

<< 83-Bi-209	**90-Th-232**	92-U-235 >>
<< MT104 (p,d)	**MT107 (p,α) or MT5 (Ac229 production)**	MT112 (p,p+α) >>

Th232 (p,α) or Ac229 production log-log



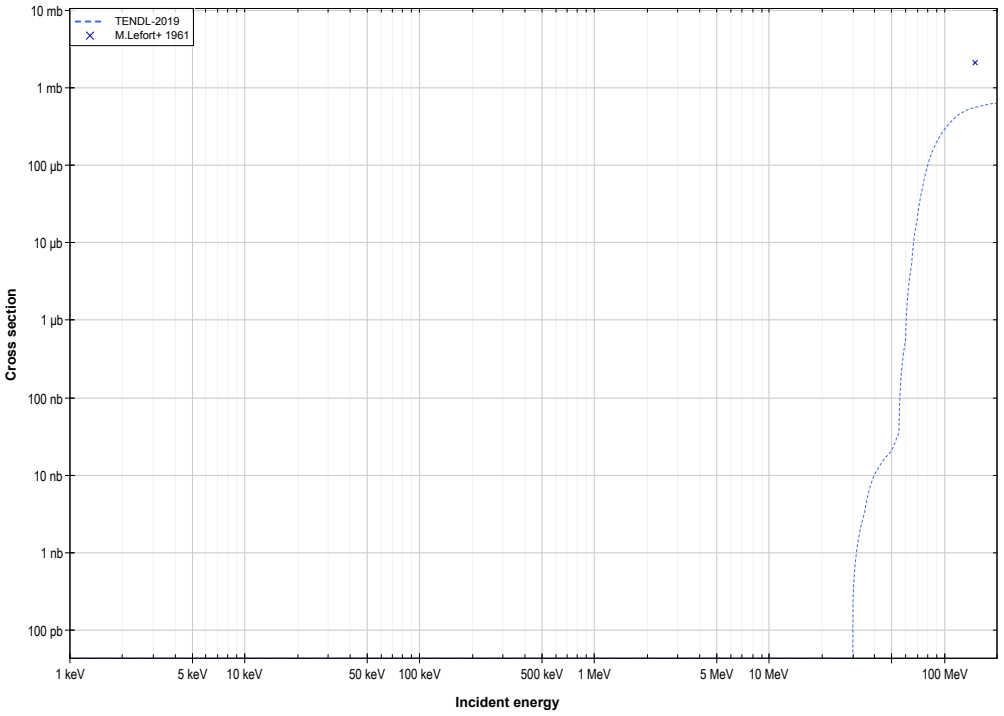
Th232 (p,α) or Ac229 production lin-log



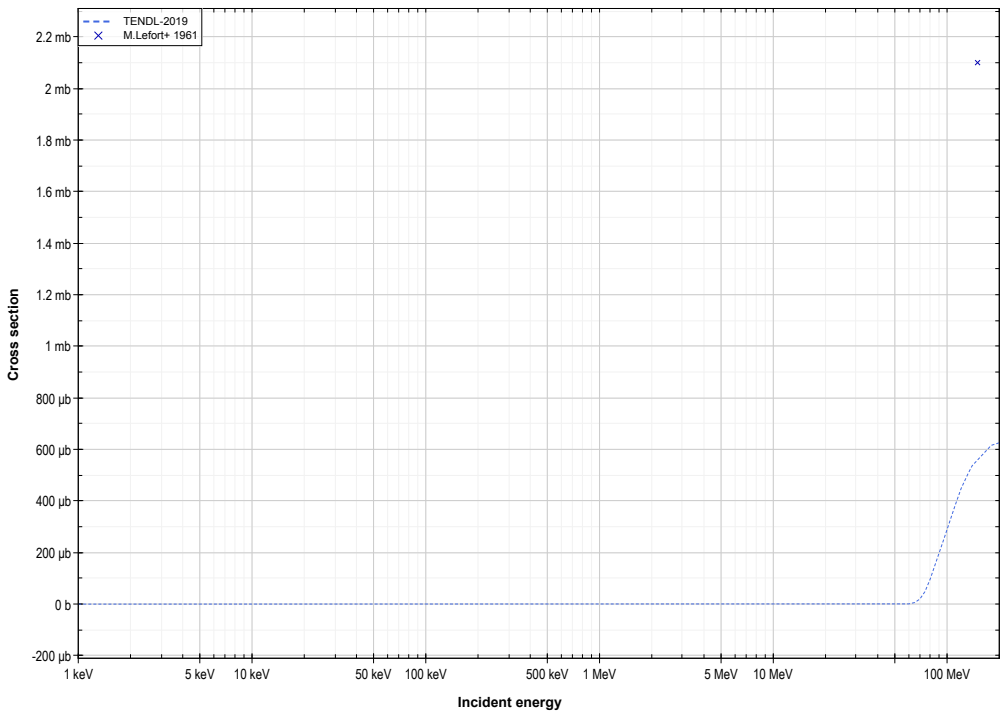
Reaction	Q-Value
Th232(p,α)Ac229	9620.85 keV
Th232(p,p+t)Ac229	-10193.01 keV
Th232(p,n+He3)Ac229	-10956.76 keV
Th232(p,2d)Ac229	-14225.67 keV
Th232(p,n+p+d)Ac229	-16450.24 keV
Th232(p,2n+2p)Ac229	-18674.80 keV

<< 73-Ta-181	**90-Th-232**	
<< MT107 (p,α)	**MT112 (p,p+α) or MT5 (Ra228 production)**	MT117 (p,d+α) >>

Th232 (p,p+α) or Ra228 production log-log



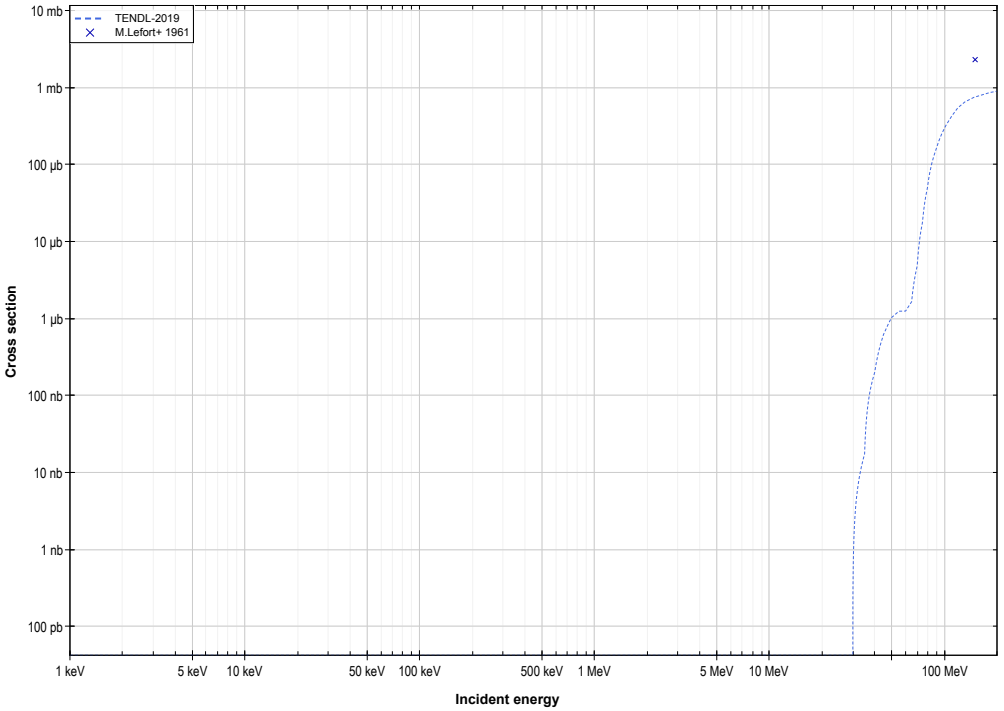
Th232 (p,p+α) or Ra228 production lin-log



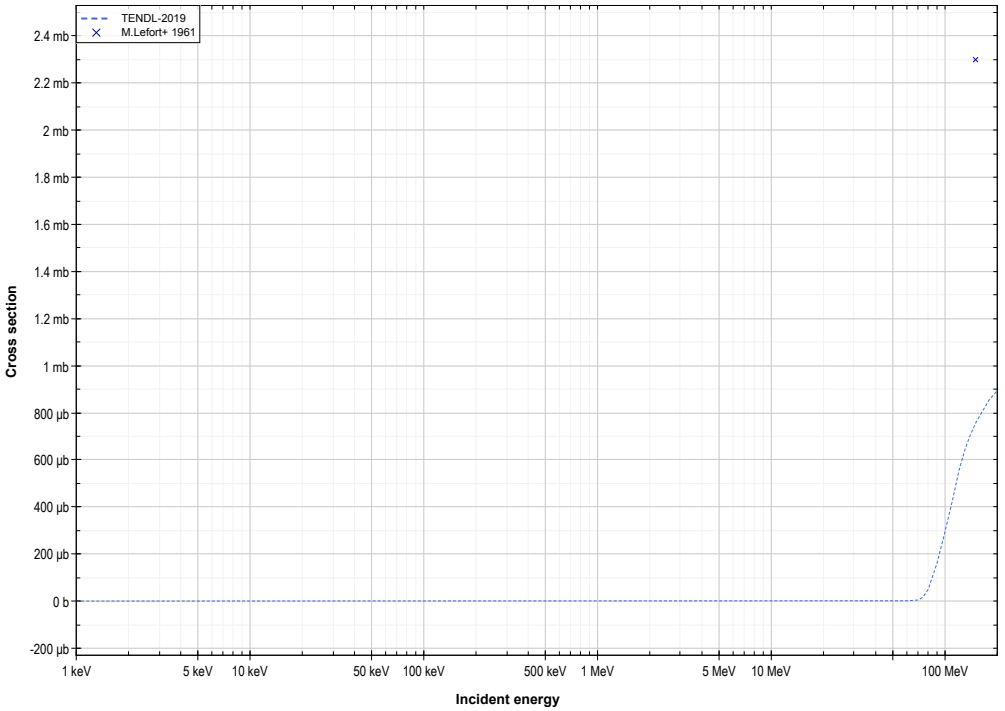
Reaction	Q-Value
Th232(p,p+α)Ra228	4081.58 keV
Th232(p,d+He3)Ra228	-14271.47 keV
Th232(p,2p+t)Ra228	-15732.28 keV
Th232(p,n+p+He3)Ra228	-16496.04 keV
Th232(p,p+2d)Ra228	-19764.94 keV
Th232(p,n+2p+d)Ra228	-21989.51 keV
Th232(p,2n+3p)Ra228	-24214.08 keV

<< 79-Au-197	**90-Th-232**	
<< MT112 (p,p+α)	**MT117 (p,d+α) or MT5 (Ra227 production)**	MT152 (p,5n) >>

Th232 (p,d+α) or Ra227 production log-log



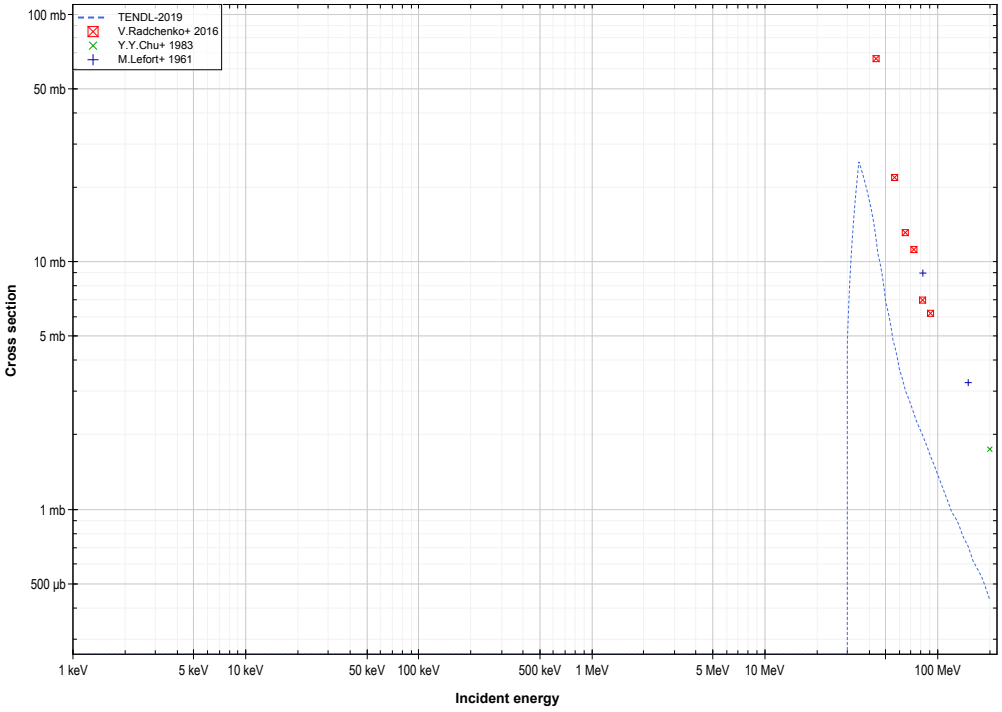
Th232 (p,d+α) or Ra227 production lin-log



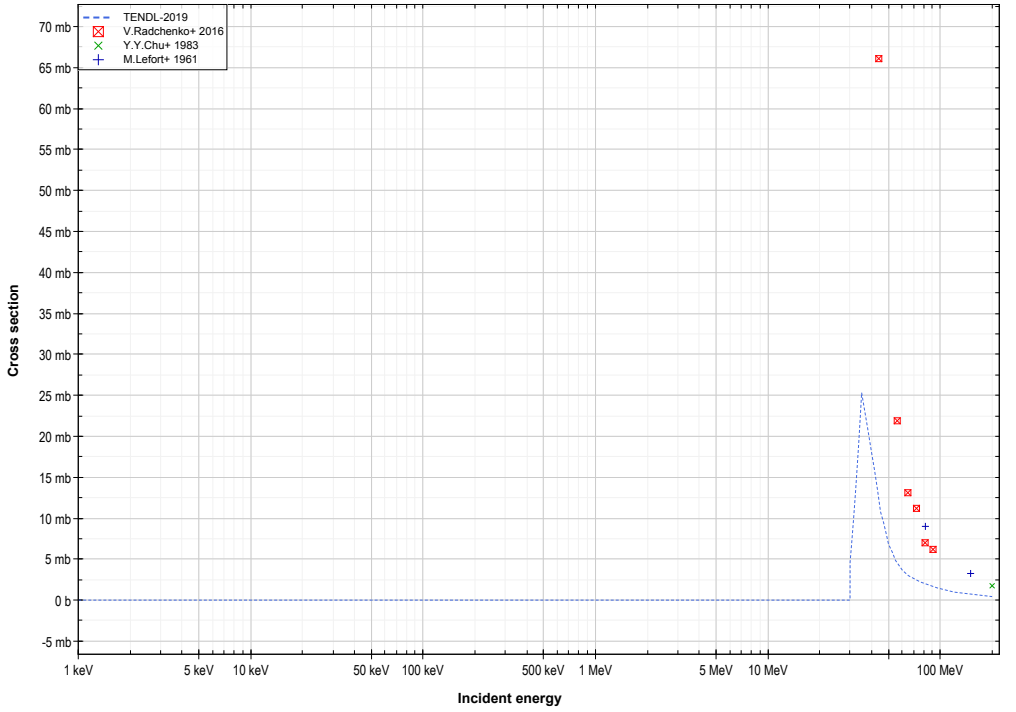
Reaction	Q-Value	Reaction	Q-Value
Th232(p,d+α)Ra227	-2.57 keV	Th232(p,n+p+2d)Ra227	-26073.66 keV
Th232(p,n+p+α)Ra227	-2227.13 keV	Th232(p,2n+2p+d)Ra227	-28298.23 keV
Th232(p,t+He3)Ra227	-14322.96 keV	Th232(p,3n+3p)Ra227	-30522.79 keV
Th232(p,p+d+t)Ra227	-19816.43 keV		
Th232(p,n+d+He3)Ra227	-20580.19 keV		
Th232(p,n+2p+t)Ra227	-22041.00 keV		
Th232(p,2n+p+He3)Ra227	-22804.75 keV		
Th232(p,3d)Ra227	-23849.09 keV		

<< 83-Bi-209	**90-Th-232**	92-U-235 >>
<< MT117 (p,d+α)	**MT152 (p,5n) or MT5 (Pa228 production)**	MT153 (p,6n) >>

Th232 (p,5n) or Pa228 production log-log



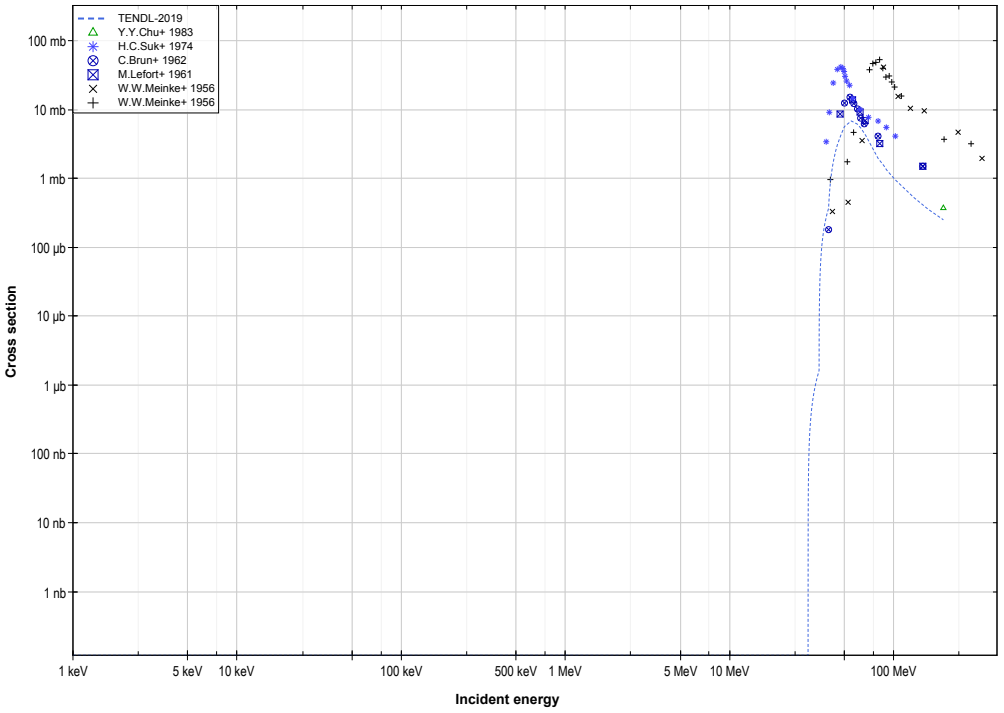
Th232 (p,5n) or Pa228 production lin-log



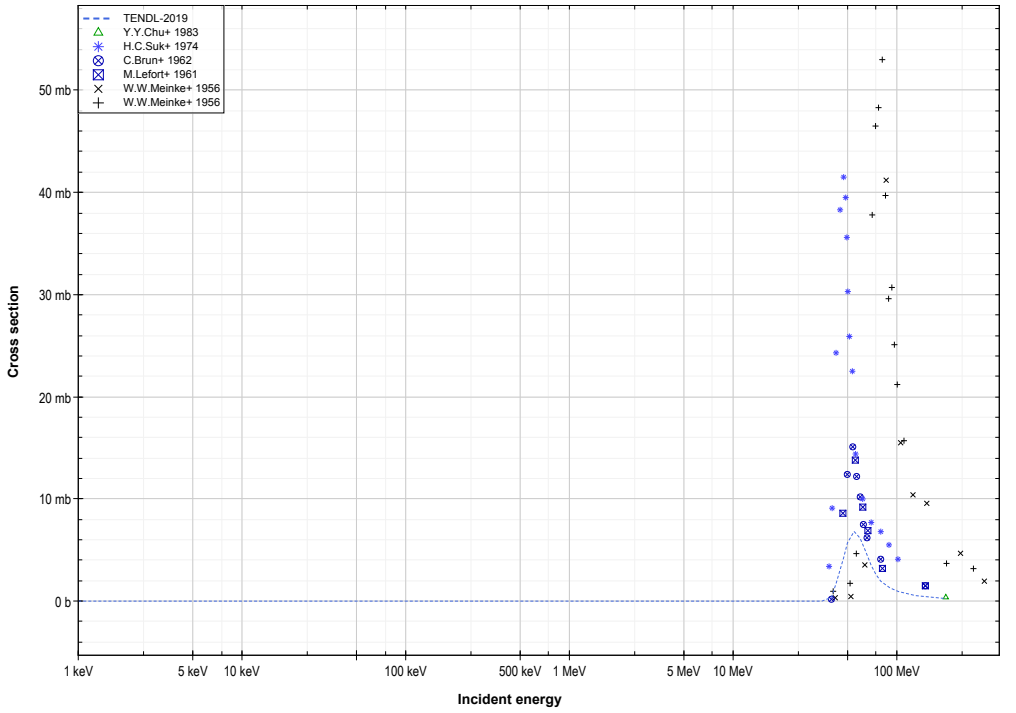
Reaction	Q-Value
Th232(p,5n)Pa228	-26544.81 keV

<< 83-Bi-209	**90-Th-232**	92-U-238 >>
<< MT152 (p,5n)	**MT153 (p,6n) or MT5 (Pa227 production)**	MT154 (p,2n+t) >>

Th232 (p,6n) or Pa227 production log-log



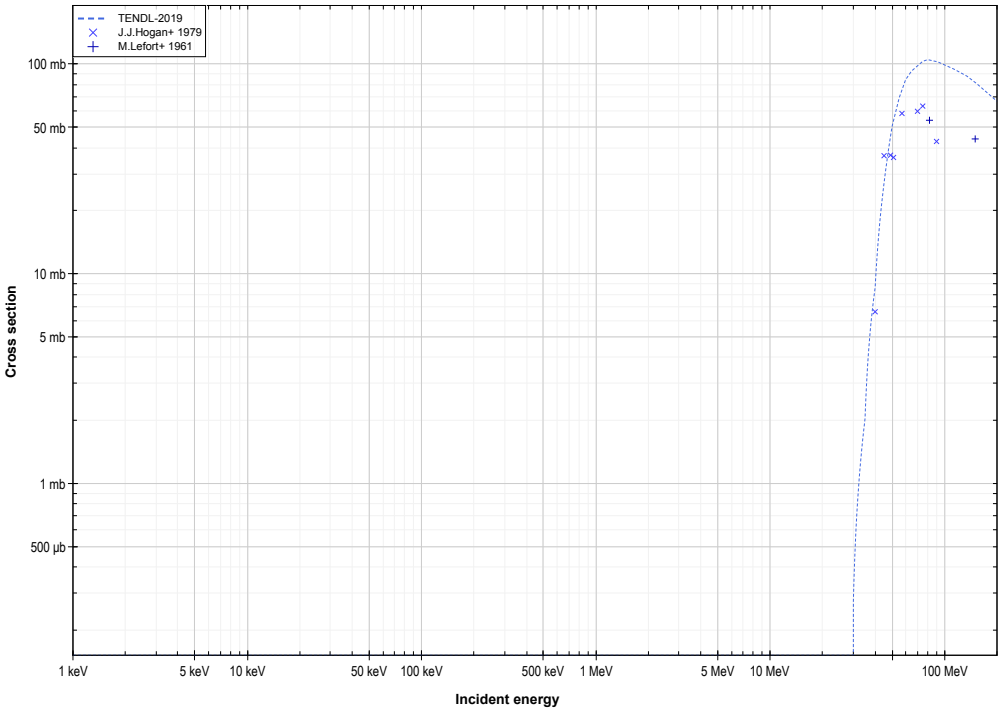
Th232 (p,6n) or Pa227 production lin-log



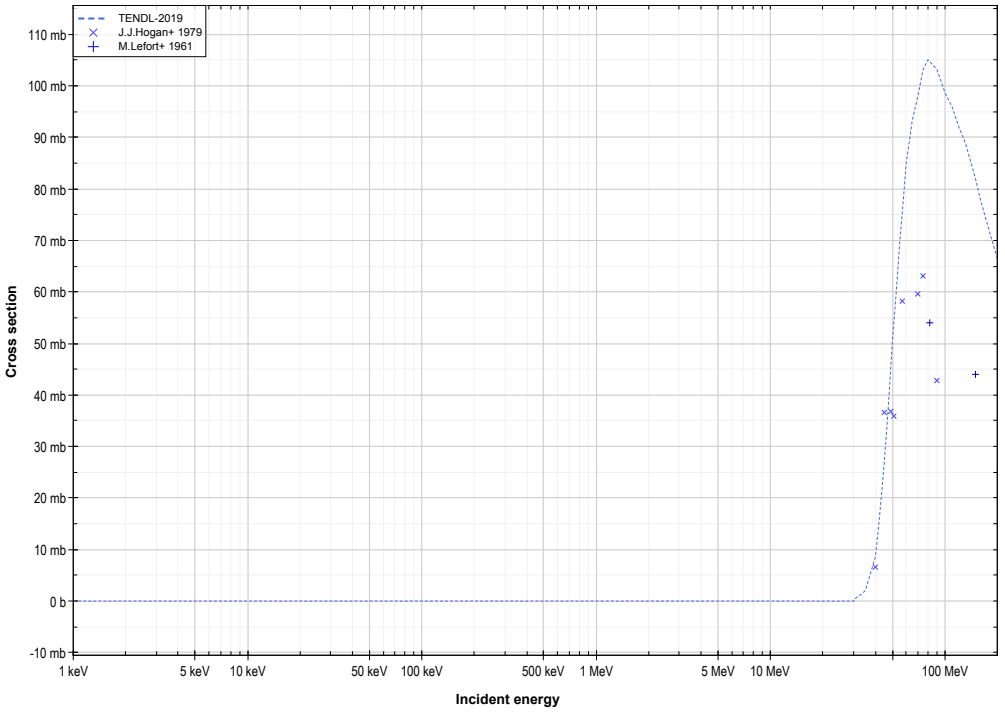
Reaction	Q-Value
Th232(p,6n)Pa227	-32523.13 keV

<< 59-Pr-141	**90-Th-232**	
<< MT153 (p,6n)	**MT154 (p,2n+t) or MT5 (Th228 production)**	MT156 (p,4n+p) >>

Th232 (p,2n+t) or Th228 production log-log



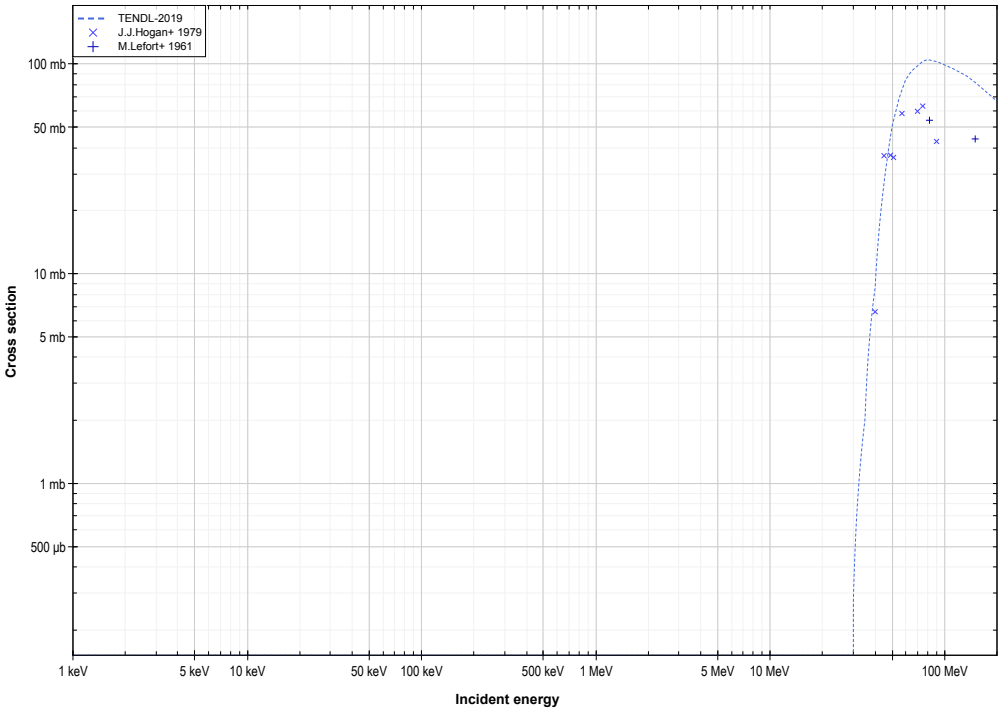
Th232 (p,2n+t) or Th228 production lin-log



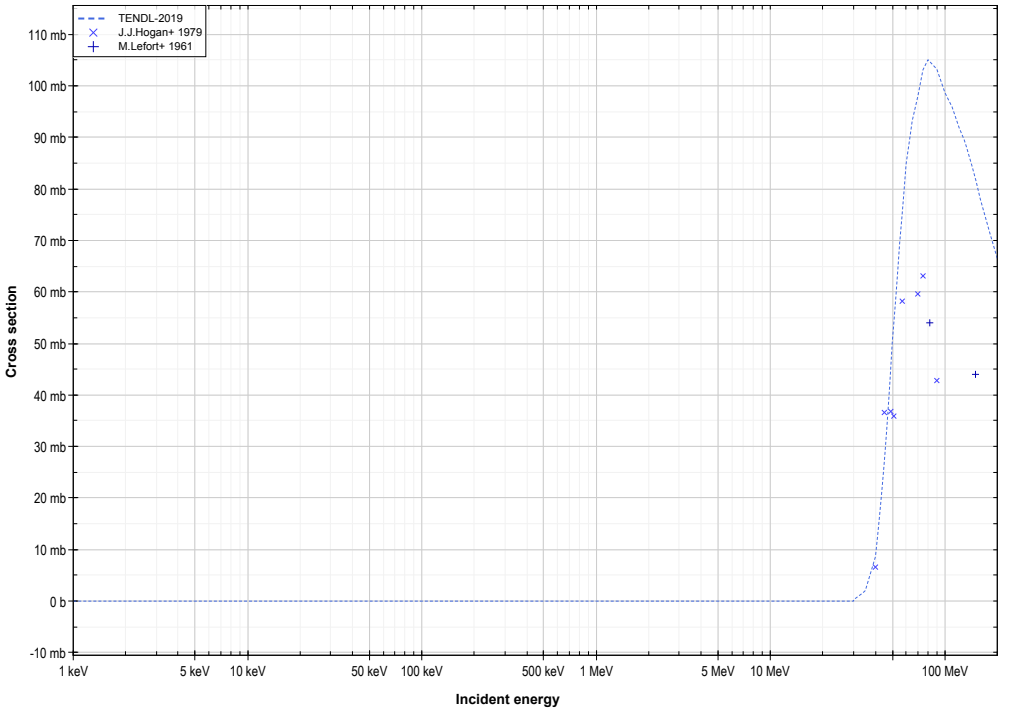
Reaction	Q-Value
Th232(p,2n+t)Th228	-15127.67 keV
Th232(p,3n+d)Th228	-21384.90 keV
Th232(p,4n+p)Th228	-23609.47 keV

<< 59-Pr-141	**90-Th-232**	
<< MT154 (p,2n+t)	**MT156 (p,4n+p) or MT5 (Th228 production)**	MT157 (p,3n+d) >>

Th232 (p,4n+p) or Th228 production log-log



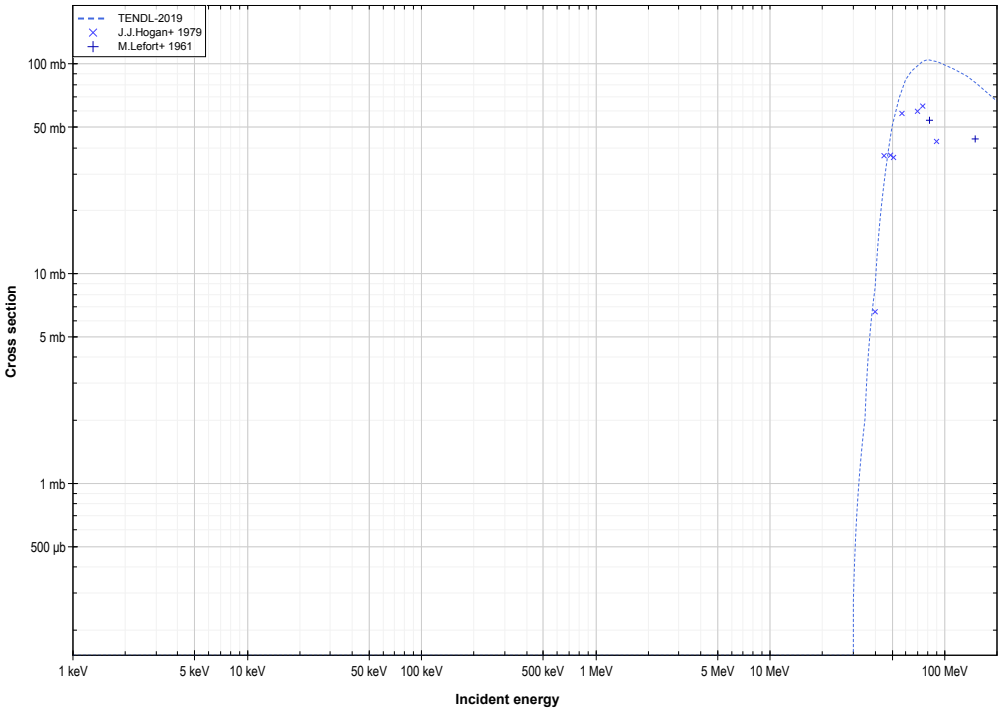
Th232 (p,4n+p) or Th228 production lin-log



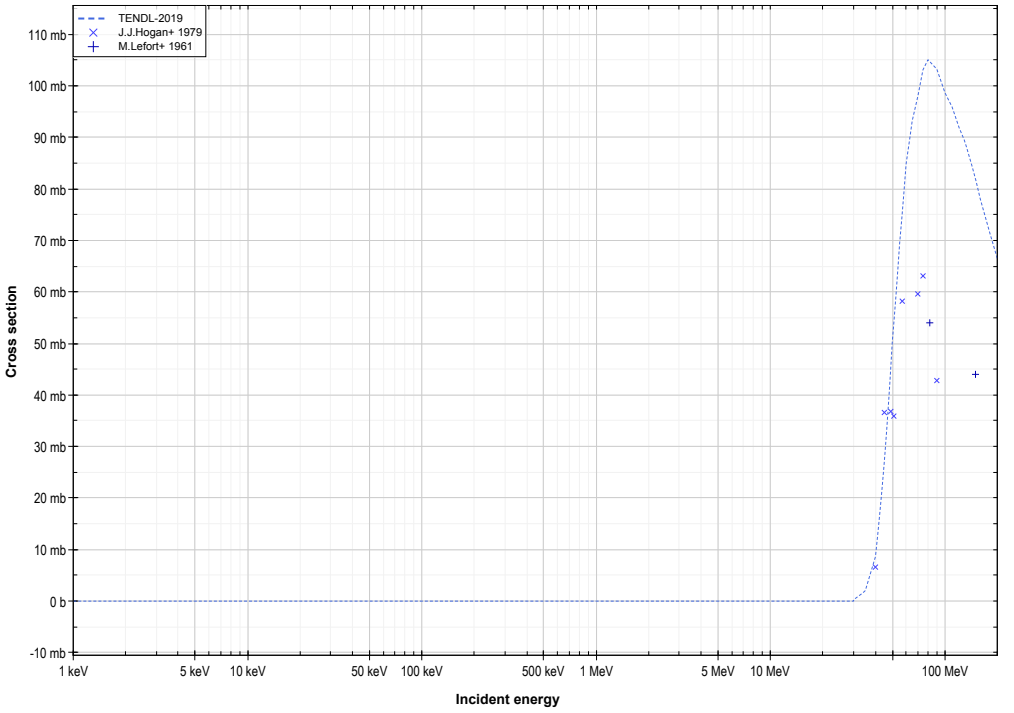
Reaction	Q-Value
Th232(p,2n+t)Th228	-15127.67 keV
Th232(p,3n+d)Th228	-21384.90 keV
Th232(p,4n+p)Th228	-23609.47 keV

<< 59-Pr-141	**90-Th-232**	
<< MT156 (p,4n+p)	**MT157 (p,3n+d) or MT5 (Th228 production)**	MT160 (p,7n) >>

Th232 (p,3n+d) or Th228 production log-log



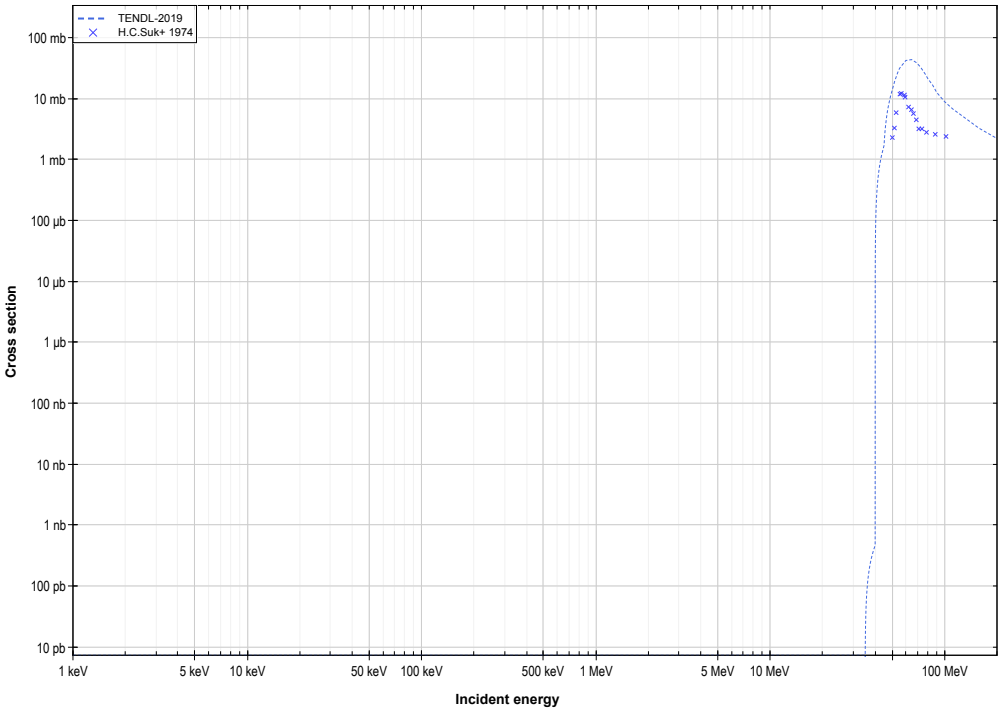
Th232 (p,3n+d) or Th228 production lin-log



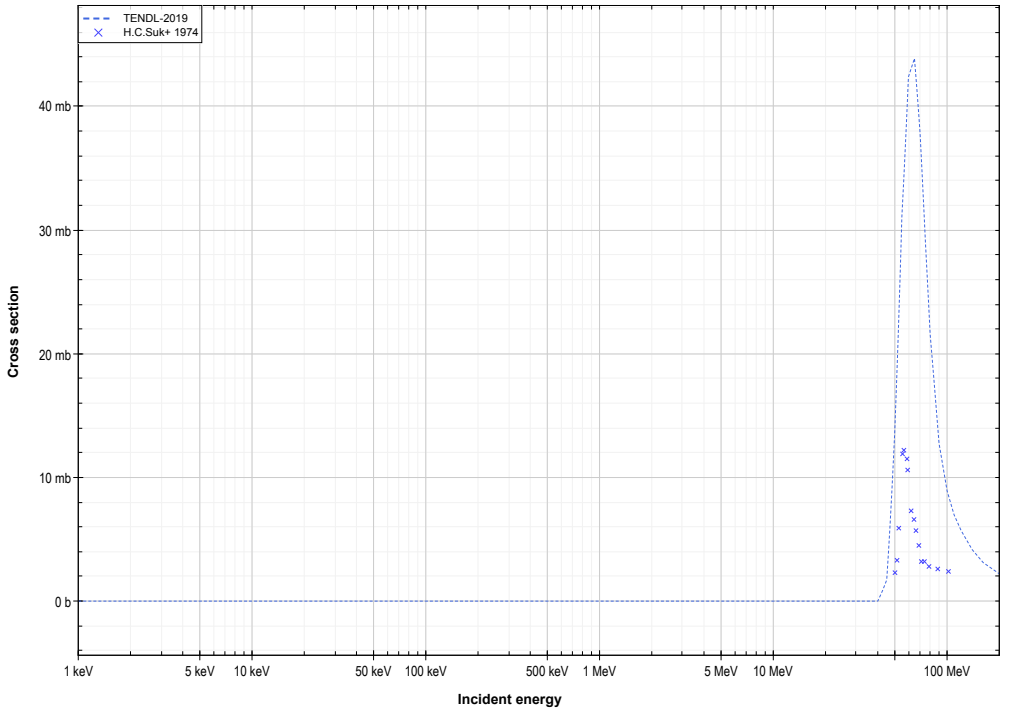
Reaction	Q-Value
Th232(p,2n+t)Th228	-15127.67 keV
Th232(p,3n+d)Th228	-21384.90 keV
Th232(p,4n+p)Th228	-23609.47 keV

<< 83-Bi-209	**90-Th-232**	
<< MT157 (p,3n+d)	**MT160 (p,7n) or MT5 (Pa226 production)**	MT162 (p,5n+p) >>

Th232 (p,7n) or Pa226 production log-log



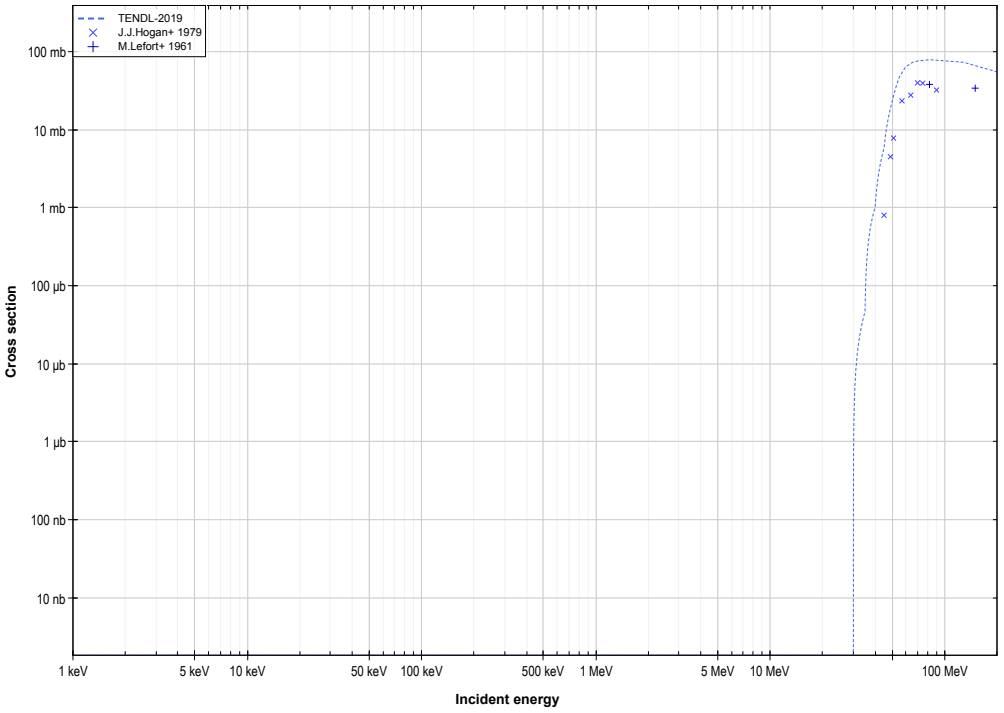
Th232 (p,7n) or Pa226 production lin-log



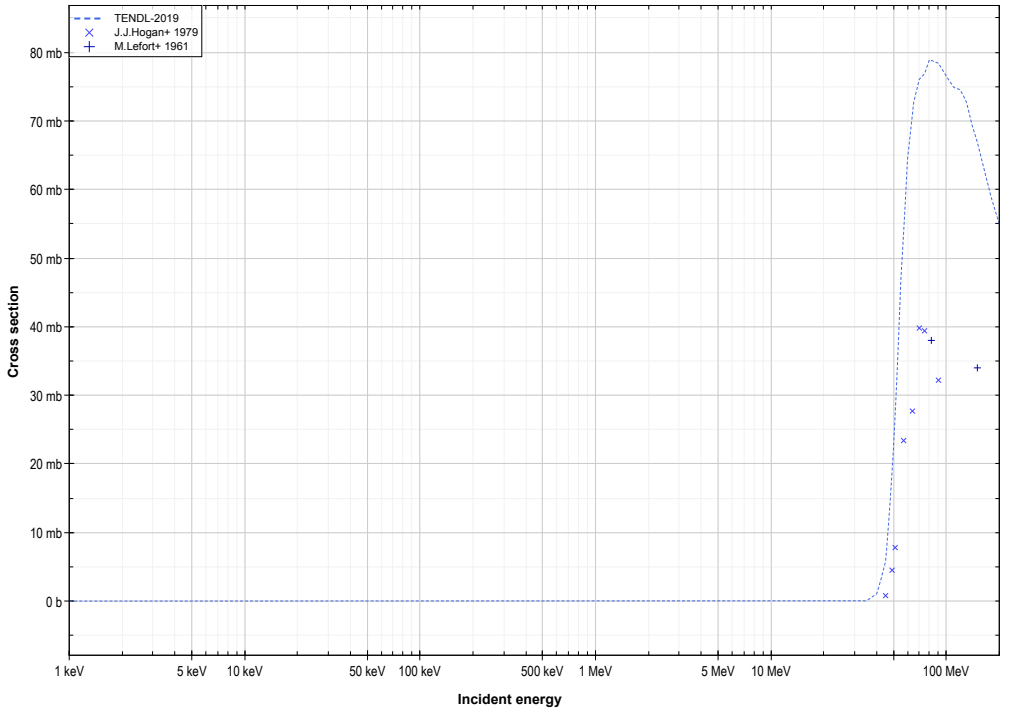
Reaction	Q-Value
Th232(p,7n)Pa226	-39796.45 keV

<< 59-Pr-141	**90-Th-232**	
<< MT160 (p,7n)	**MT162 (p,5n+p) or MT5 (Th227 production)**	MT163 (p,6n+p) >>

Th232 (p,5n+p) or Th227 production log-log



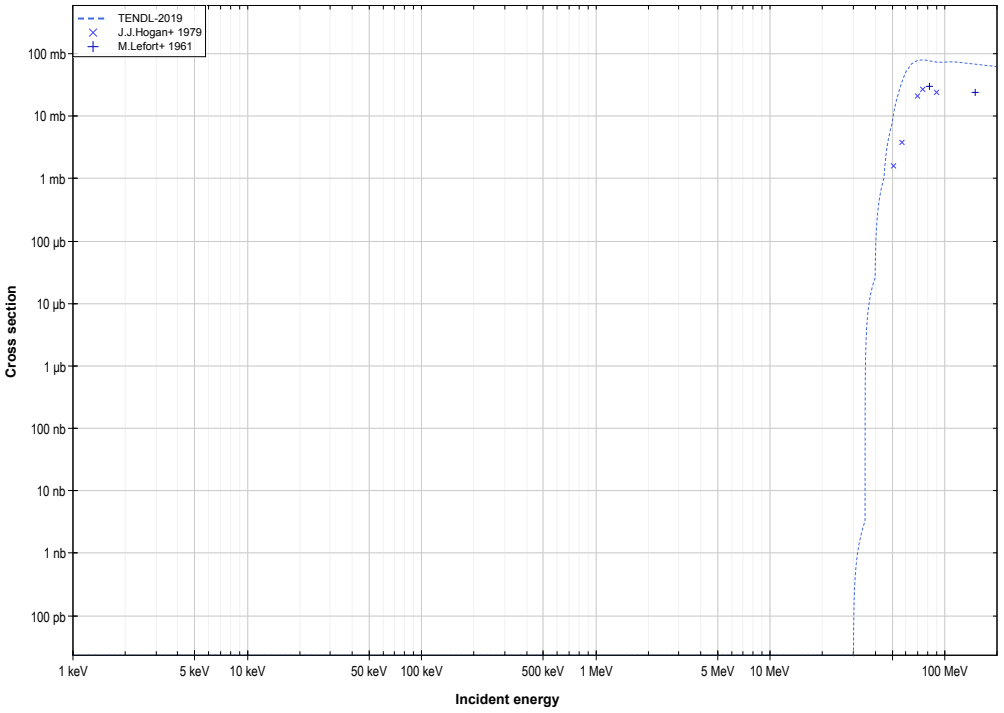
Th232 (p,5n+p) or Th227 production lin-log



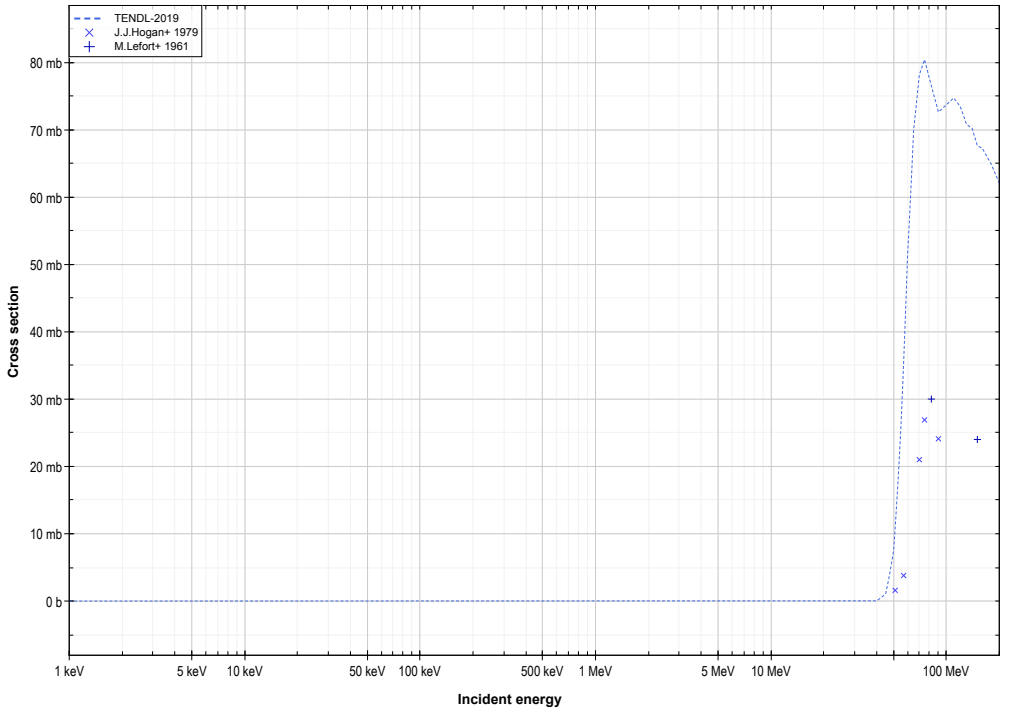
Reaction	Q-Value
Th232(p,3n+t)Th227	-22232.79 keV
Th232(p,4n+d)Th227	-28490.02 keV
Th232(p,5n+p)Th227	-30714.59 keV

<< 53-I-127	**90-Th-232**	
<< MT162 (p,5n+p)	**MT163 (p,6n+p) or MT5 (Th226 production)**	MT164 (p,7n+p) >>

Th232 (p,6n+p) or Th226 production log-log



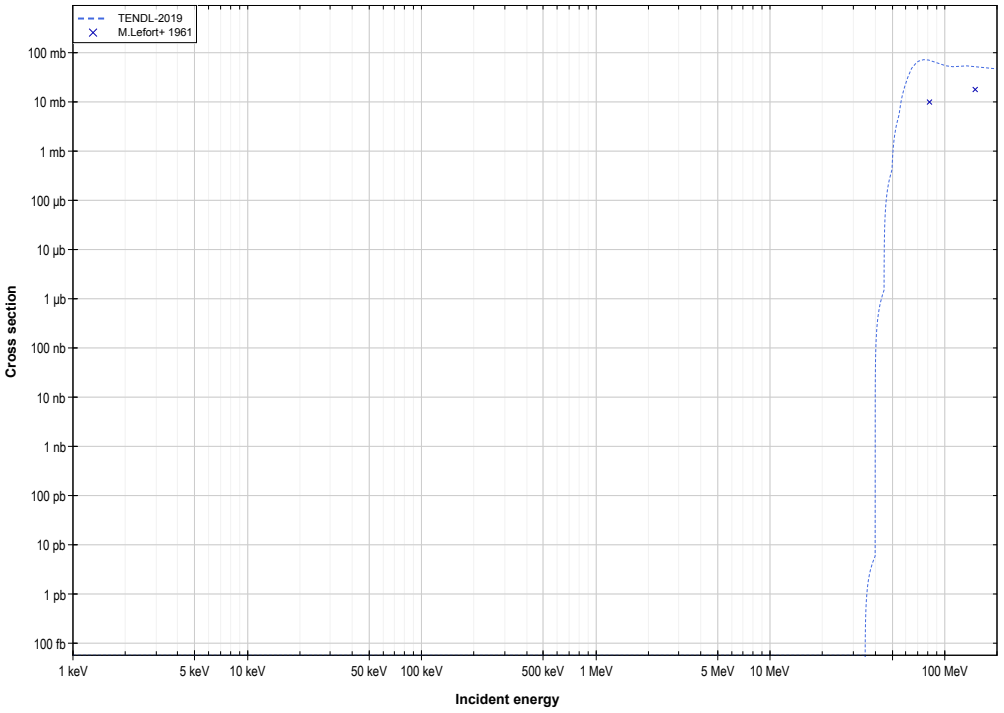
Th232 (p,6n+p) or Th226 production lin-log



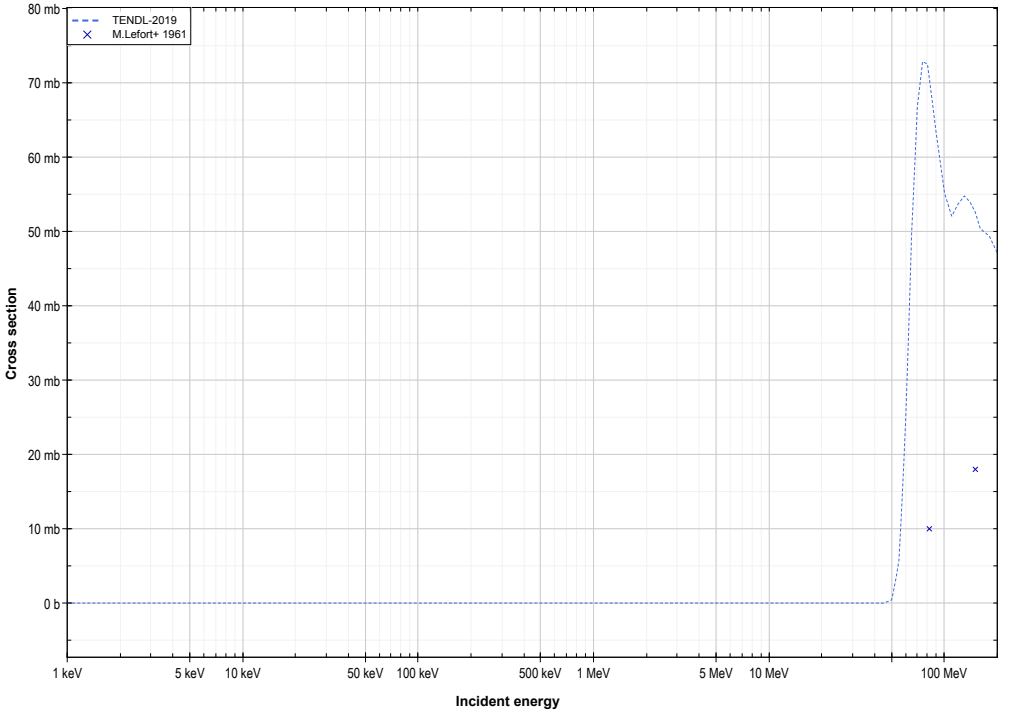
Reaction	Q-Value
Th232(p,4n+t)Th226	-27697.31 keV
Th232(p,5n+d)Th226	-33954.54 keV
Th232(p,6n+p)Th226	-36179.10 keV

<< 53-I-127	**90-Th-232**	
<< MT163 (p,6n+p)	**MT164 (p,7n+p) or MT5 (Th225 production)**	MT165 (p,4n+α) >>

Th232 (p,7n+p) or Th225 production log-log



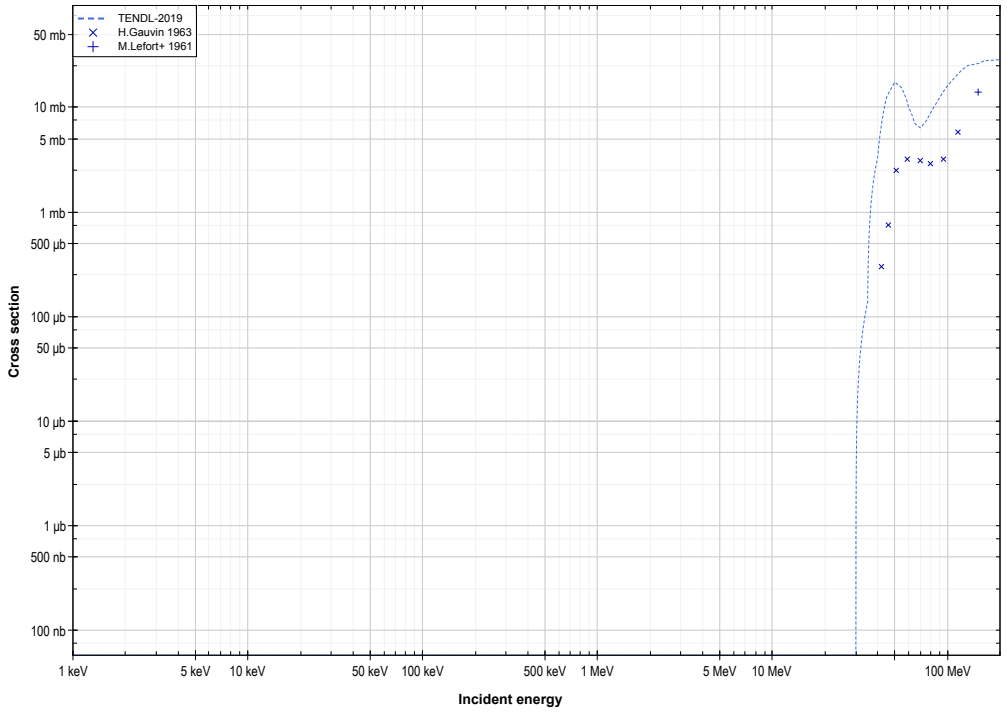
Th232 (p,7n+p) or Th225 production lin-log



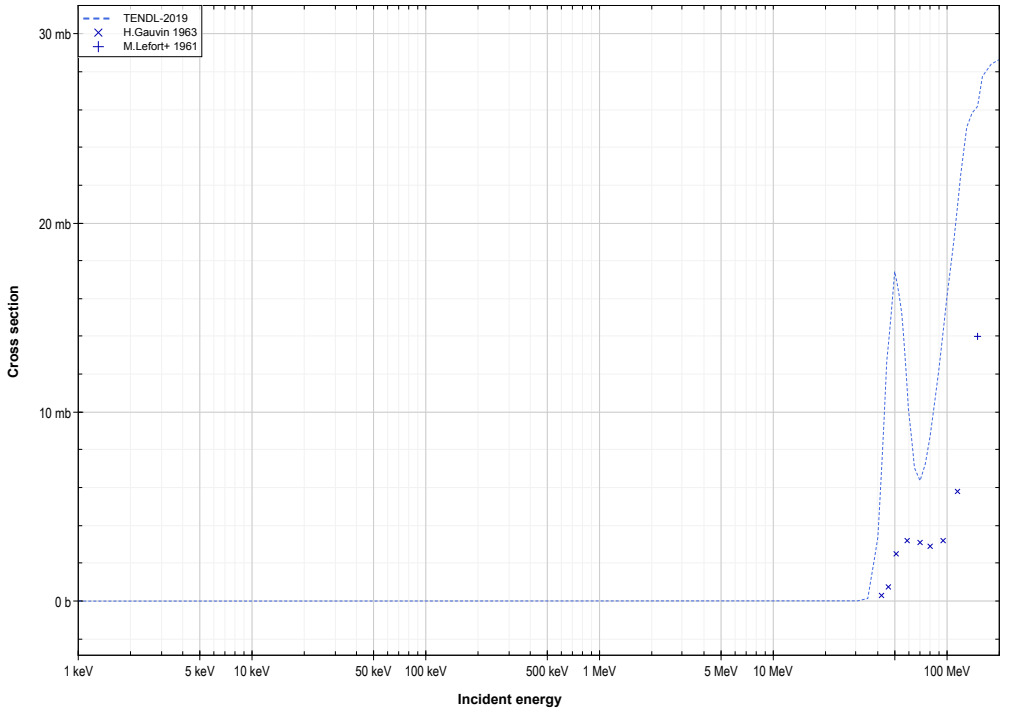
Reaction	Q-Value
Th232(p,5n+t)Th225	-34880.62 keV
Th232(p,6n+d)Th225	-41137.85 keV
Th232(p,7n+p)Th225	-43362.42 keV

<< 52-Te-126	**90-Th-232**	
<< MT164 (p,7n+p)	**MT165 (p,4n+α) or MT5 (Ac225 production)**	MT166 (p,5n+α) >>

Th232 (p,4n+α) or Ac225 production log-log



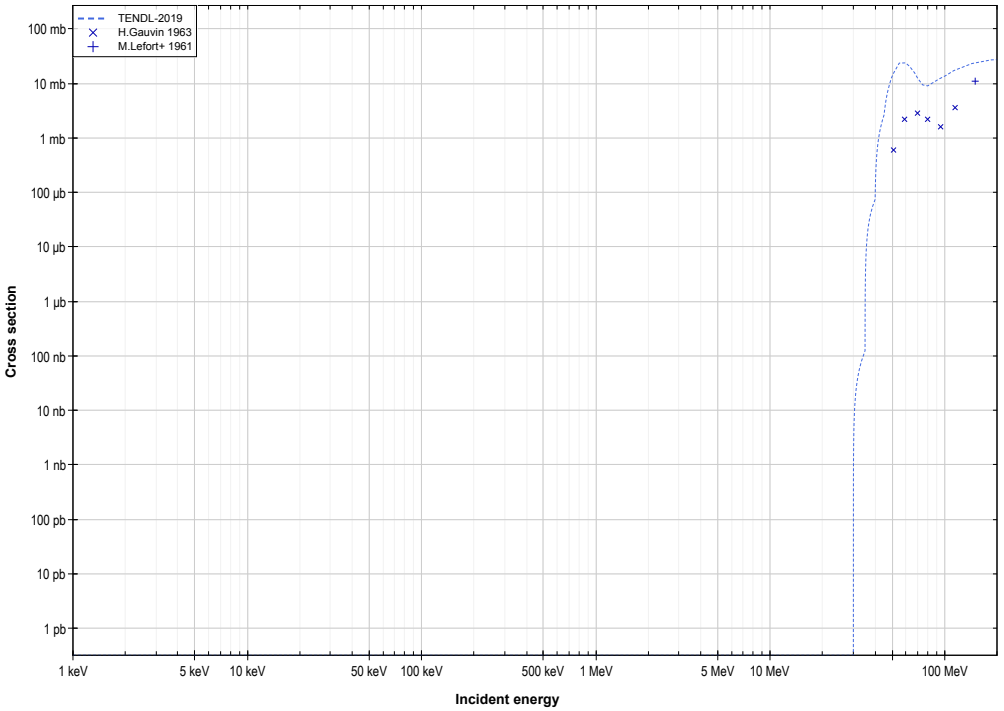
Th232 (p,4n+α) or Ac225 production lin-log



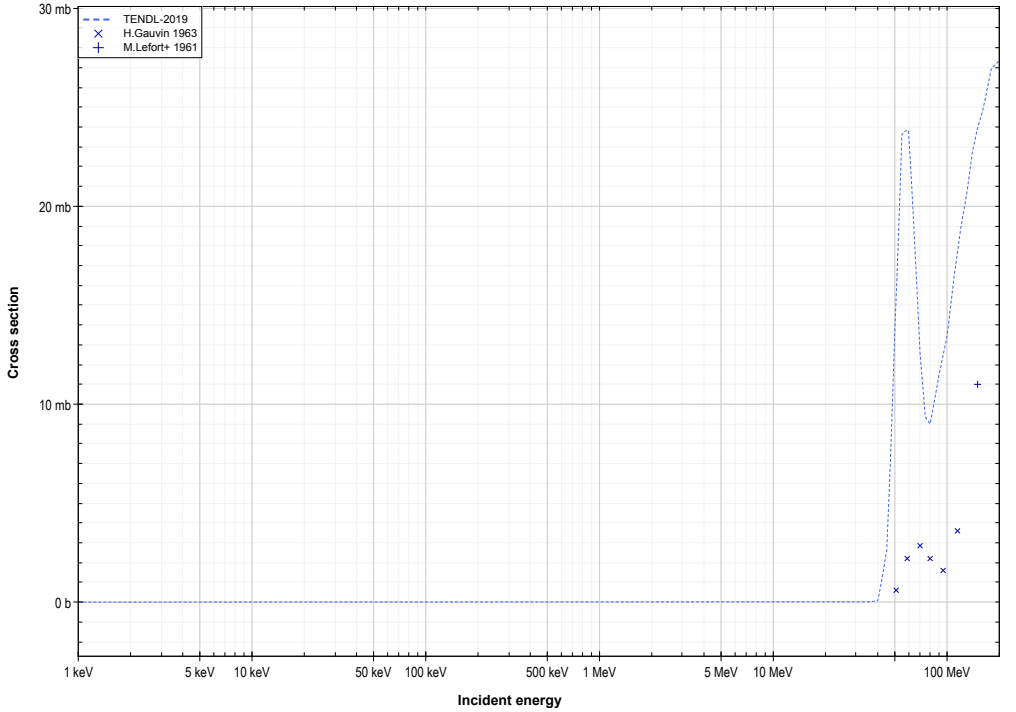
Reaction	Q-Value
Th232(p,4n+α)Ac225	-13611.41 keV
Th232(p,2n+2t)Ac225	-24943.48 keV
Th232(p,3n+d+t)Ac225	-31200.71 keV
Th232(p,4n+p+t)Ac225	-33425.28 keV
Th232(p,5n+He3)Ac225	-34189.03 keV
Th232(p,4n+2d)Ac225	-37457.94 keV
Th232(p,5n+p+d)Ac225	-39682.51 keV
Th232(p,6n+2p)Ac225	-41907.07 keV

<< 53-I-127	**90-Th-232**	
<< MT165 (p,4n+α)	**MT166 (p,5n+α) or MT5 (Ac224 production)**	MT168 (p,7n+α) >>

Th232 (p,5n+α) or Ac224 production log-log



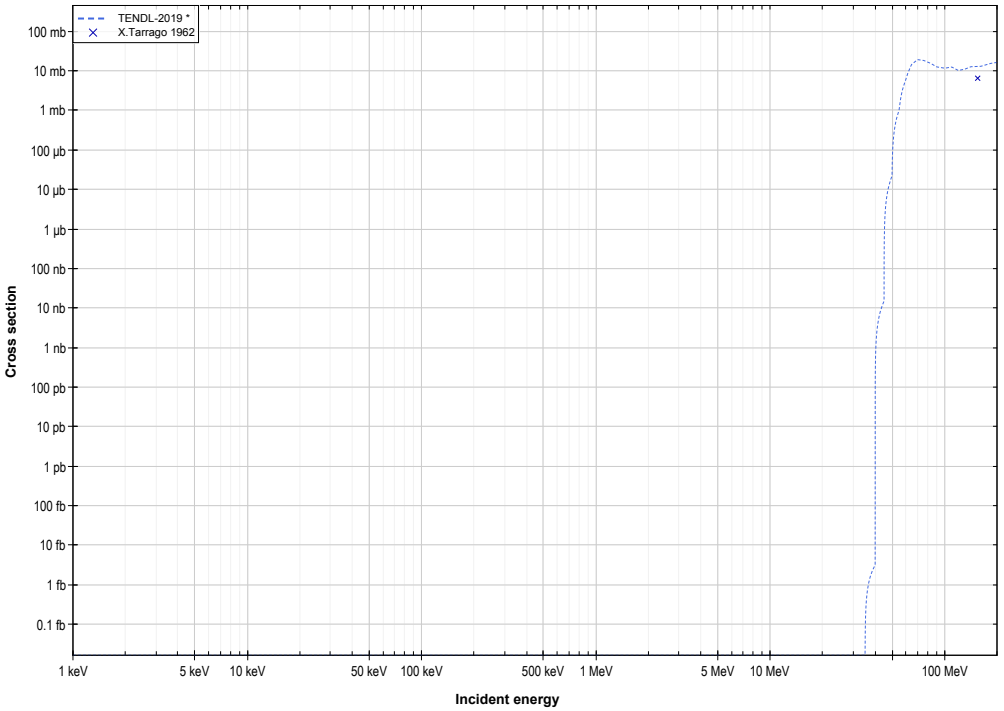
Th232 (p,5n+α) or Ac224 production lin-log



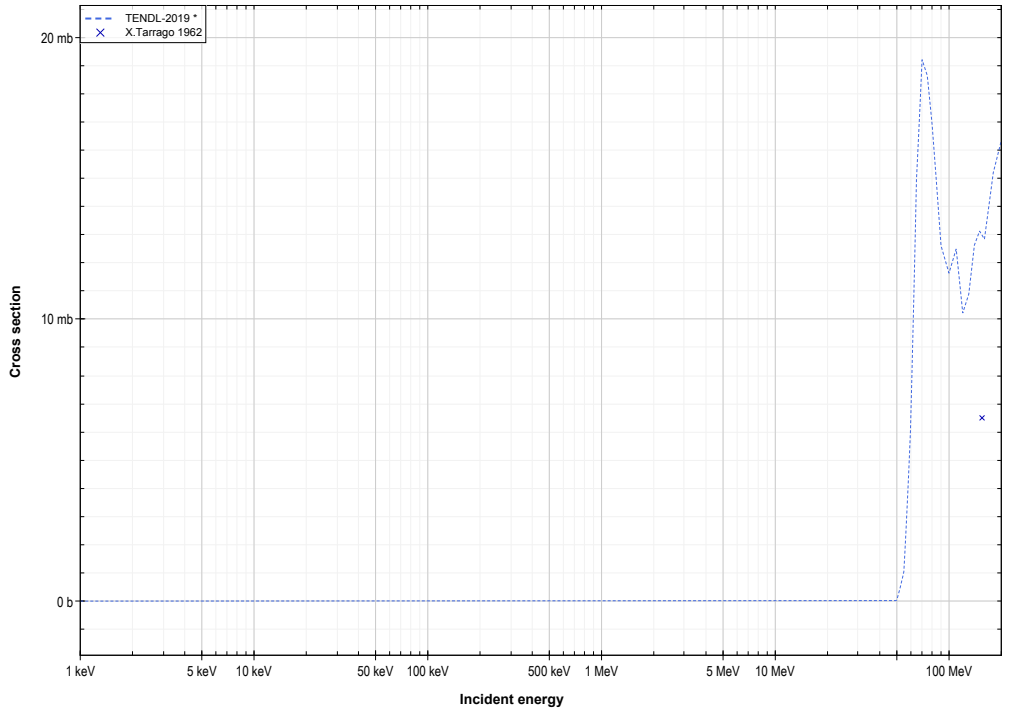
Reaction	Q-Value
Th232(p,5n+α)Ac224	-20279.73 keV
Th232(p,3n+2t)Ac224	-31611.80 keV
Th232(p,4n+d+t)Ac224	-37869.03 keV
Th232(p,5n+p+t)Ac224	-40093.60 keV
Th232(p,6n+He3)Ac224	-40857.35 keV
Th232(p,5n+2d)Ac224	-44126.26 keV
Th232(p,6n+p+d)Ac224	-46350.82 keV
Th232(p,7n+2p)Ac224	-48575.39 keV

<< 80-Hg-202	**90-Th-232**	
<< MT166 (p,5n+α)	**MT168 (p,7n+α) or MT5 (Ac222 production)**	MT169 (p,4n+d) >>

Th232 (p,7n+α) or Ac222 production log-log



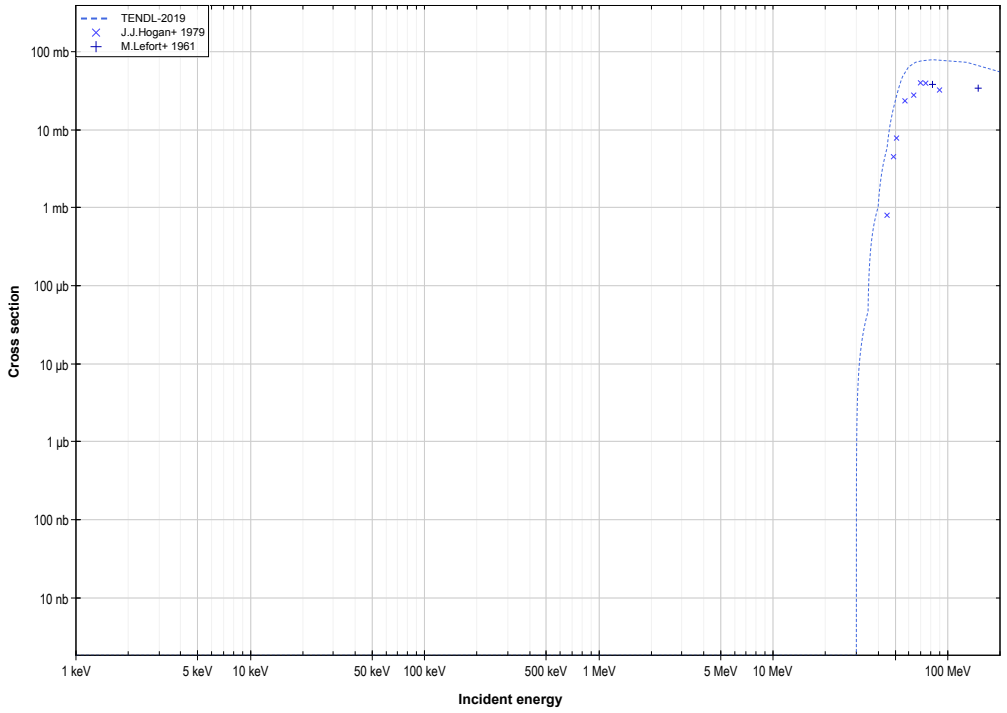
Th232 (p,7n+α) or Ac222 production lin-log



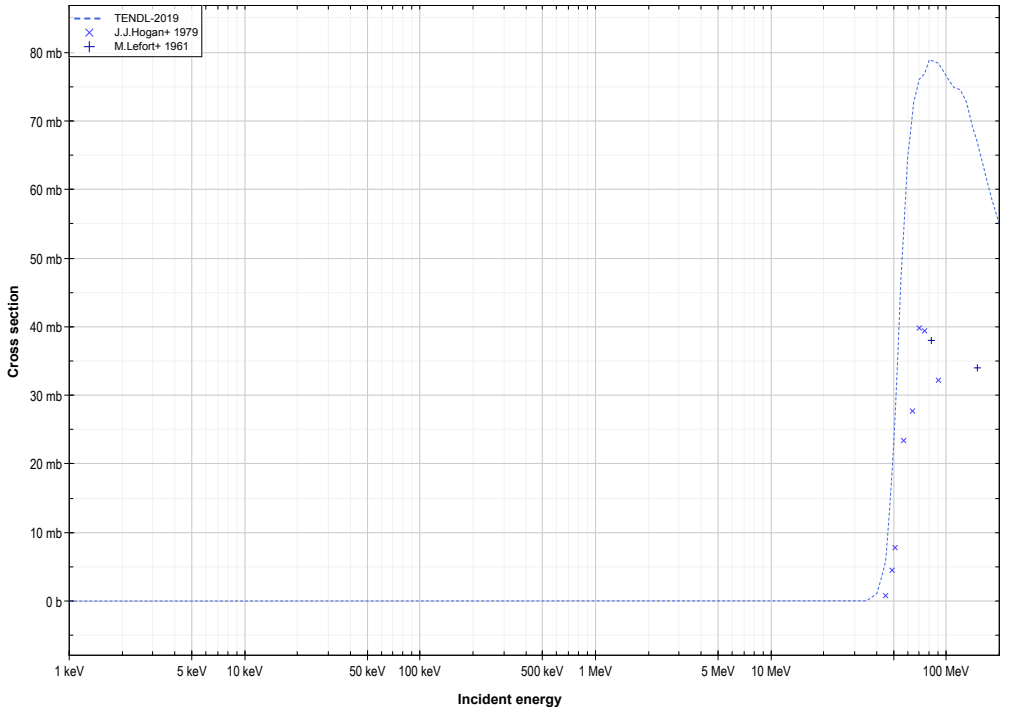
Reaction	Q-Value
Th232(p,7n+α)Ac222	-32809.36 keV
Th232(p,5n+2t)Ac222	-44141.43 keV
Th232(p,6n+d+t)Ac222	-50398.66 keV
Th232(p,7n+p+t)Ac222	-52623.23 keV
Th232(p,8n+He3)Ac222	-53386.98 keV
Th232(p,7n+2d)Ac222	-56655.89 keV
Th232(p,8n+p+d)Ac222	-58880.46 keV

<< 59-Pr-141	**90-Th-232**	
<< MT168 (p,7n+α)	**MT169 (p,4n+d) or MT5 (Th227 production)**	MT170 (p,5n+d) >>

Th232 (p,4n+d) or Th227 production log-log



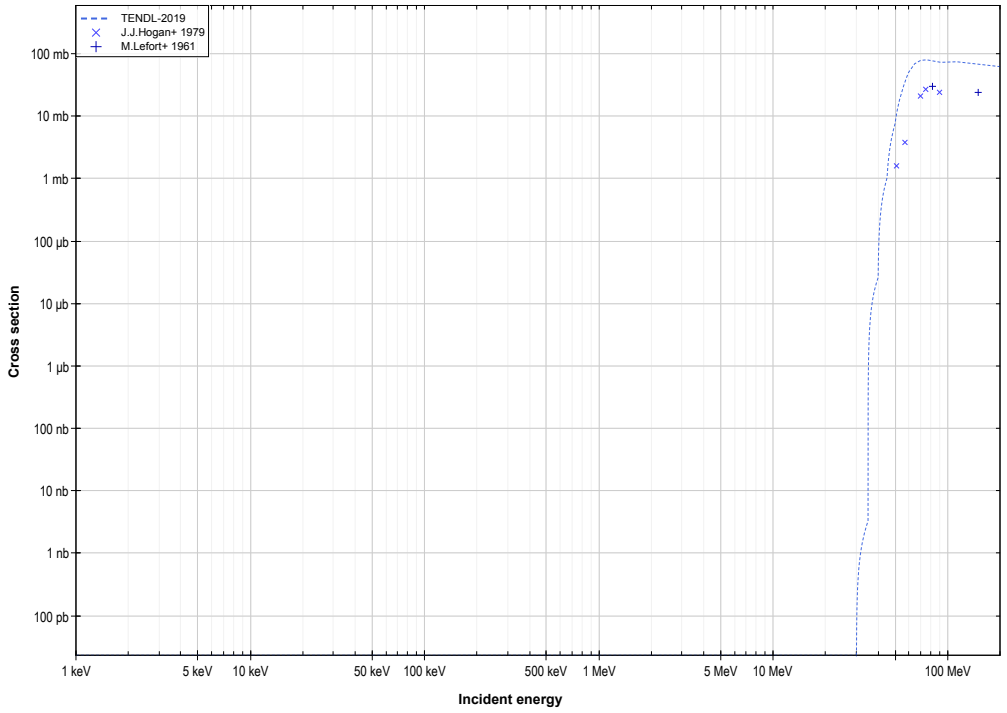
Th232 (p,4n+d) or Th227 production lin-log



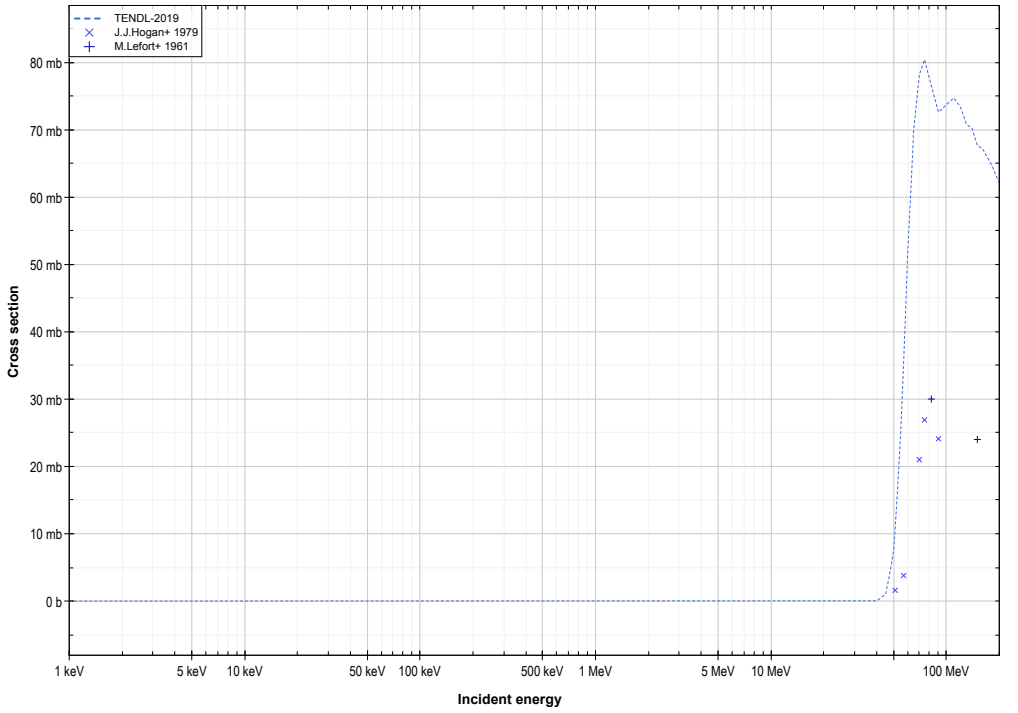
Reaction	Q-Value
Th232(p,3n+t)Th227	-22232.79 keV
Th232(p,4n+d)Th227	-28490.02 keV
Th232(p,5n+p)Th227	-30714.59 keV

<< 53-I-127	**90-Th-232**	
<< MT169 (p,4n+d)	**MT170 (p,5n+d) or MT5 (Th226 production)**	MT171 (p,6n+d) >>

Th232 (p,5n+d) or Th226 production log-log



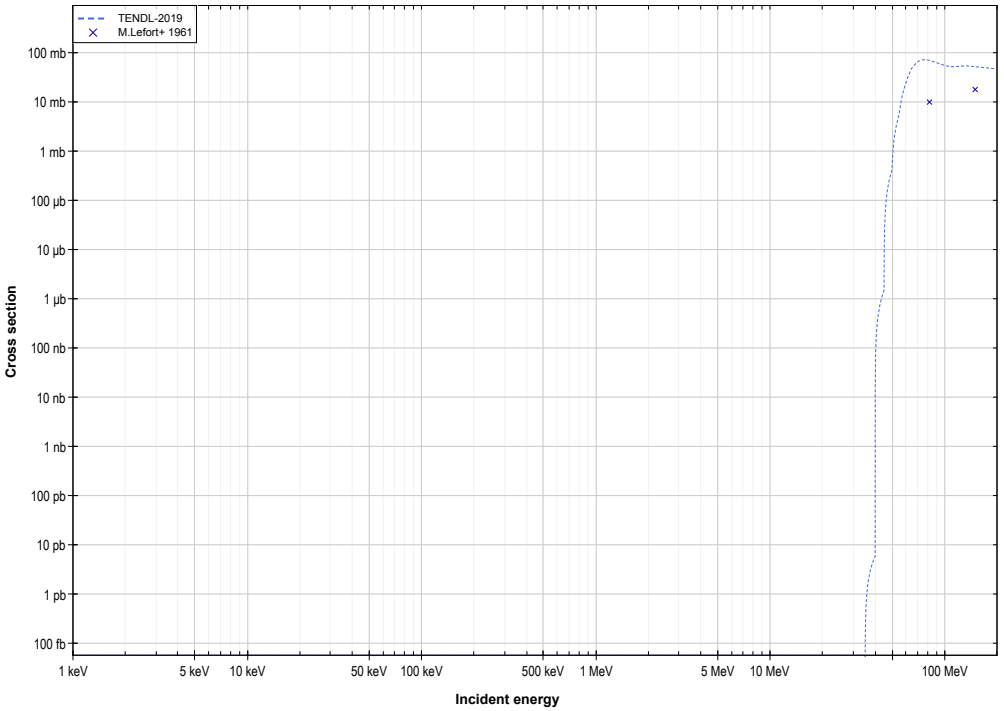
Th232 (p,5n+d) or Th226 production lin-log



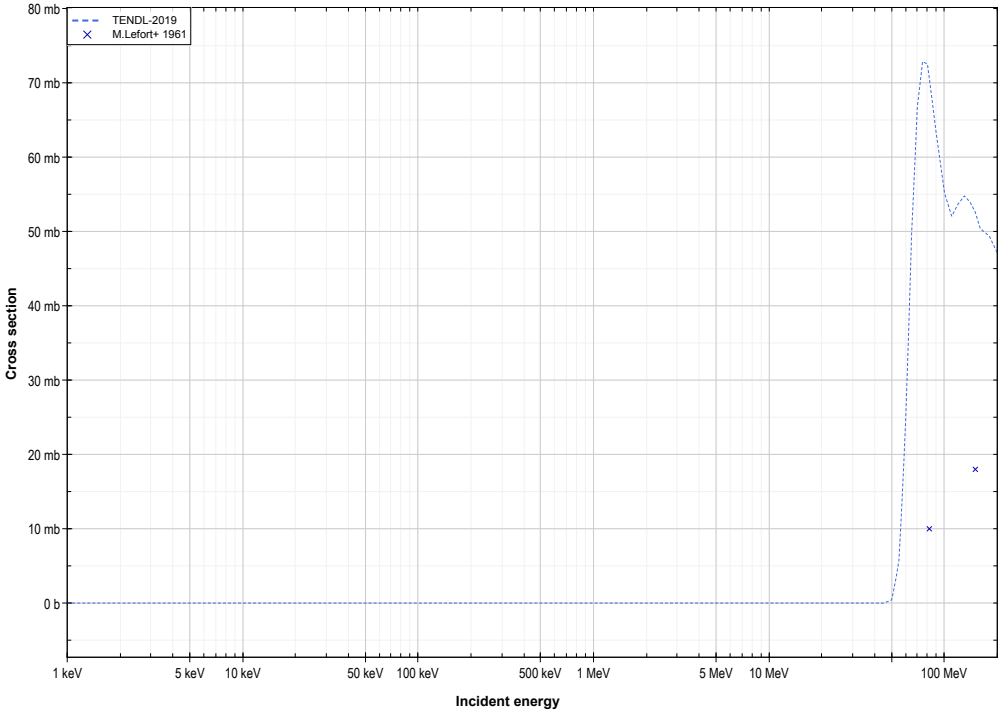
Reaction	Q-Value
Th232(p,4n+t)Th226	-27697.31 keV
Th232(p,5n+d)Th226	-33954.54 keV
Th232(p,6n+p)Th226	-36179.10 keV

<< 53-I-127	**90-Th-232**	
<< MT170 (p,5n+d)	**MT171 (p,6n+d) or MT5 (Th225 production)**	MT172 (p,3n+t) >>

Th232 (p,6n+d) or Th225 production log-log



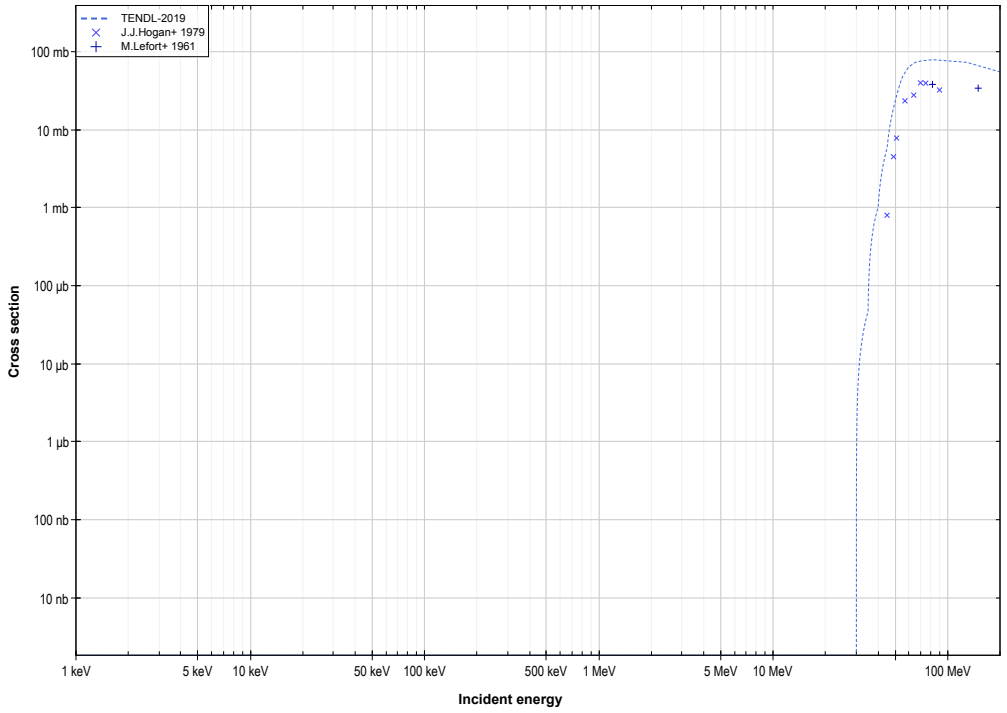
Th232 (p,6n+d) or Th225 production lin-log



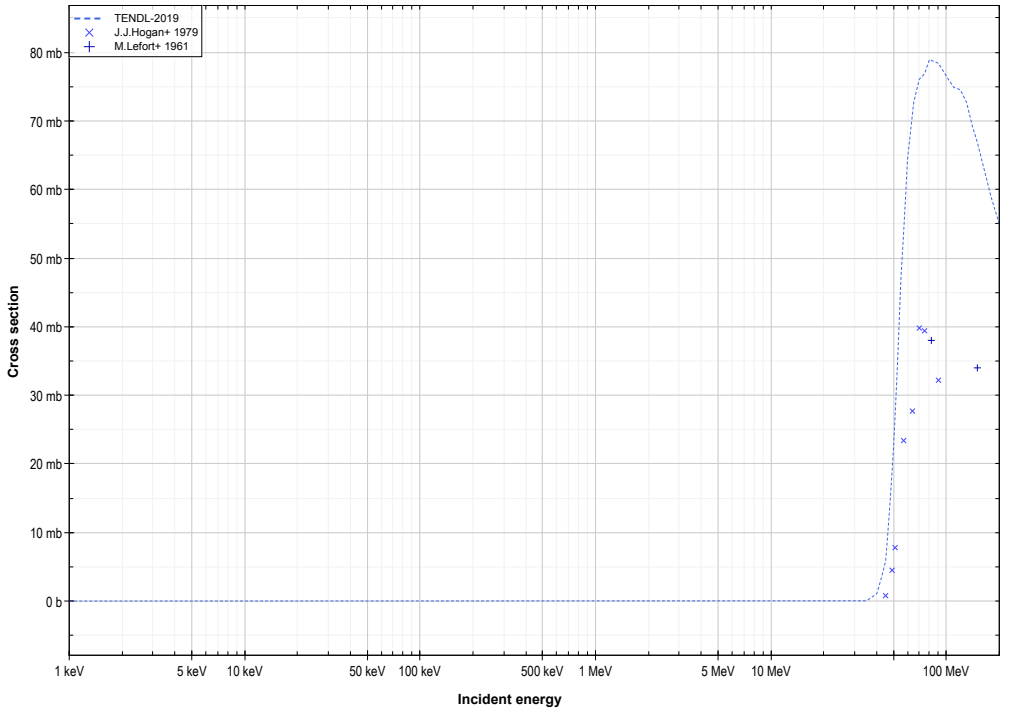
Reaction	Q-Value
Th232(p,5n+t)Th225	-34880.62 keV
Th232(p,6n+d)Th225	-41137.85 keV
Th232(p,7n+p)Th225	-43362.42 keV

<< 59-Pr-141	**90-Th-232**	
<< MT171 (p,6n+d)	**MT172 (p,3n+t) or MT5 (Th227 production)**	MT173 (p,4n+t) >>

Th232 (p,3n+t) or Th227 production log-log



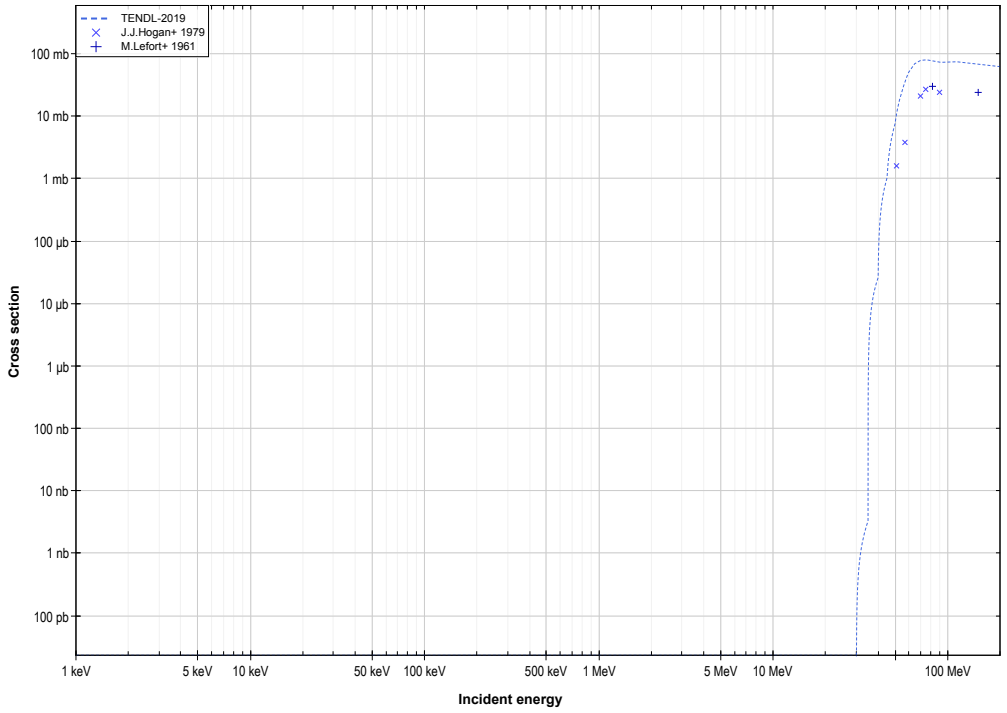
Th232 (p,3n+t) or Th227 production lin-log



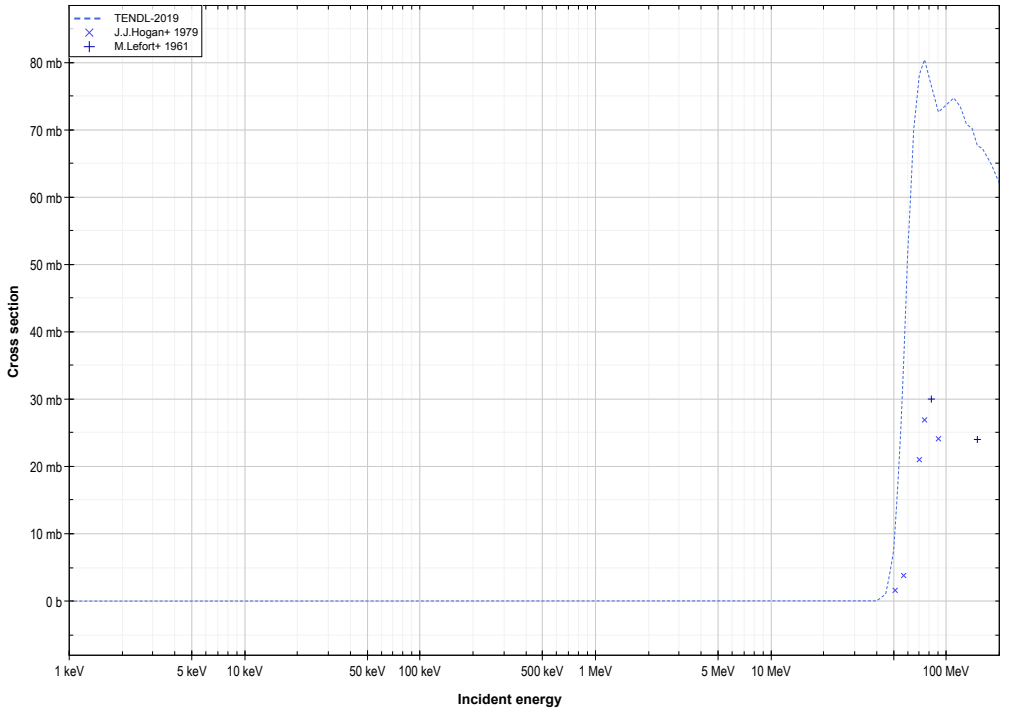
Reaction	Q-Value
Th232(p,3n+t)Th227	-22232.79 keV
Th232(p,4n+d)Th227	-28490.02 keV
Th232(p,5n+p)Th227	-30714.59 keV

<< 53-I-127	**90-Th-232**	
<< MT172 (p,3n+t)	**MT173 (p,4n+t) or MT5 (Th226 production)**	MT174 (p,5n+t) >>

Th232 (p,4n+t) or Th226 production log-log



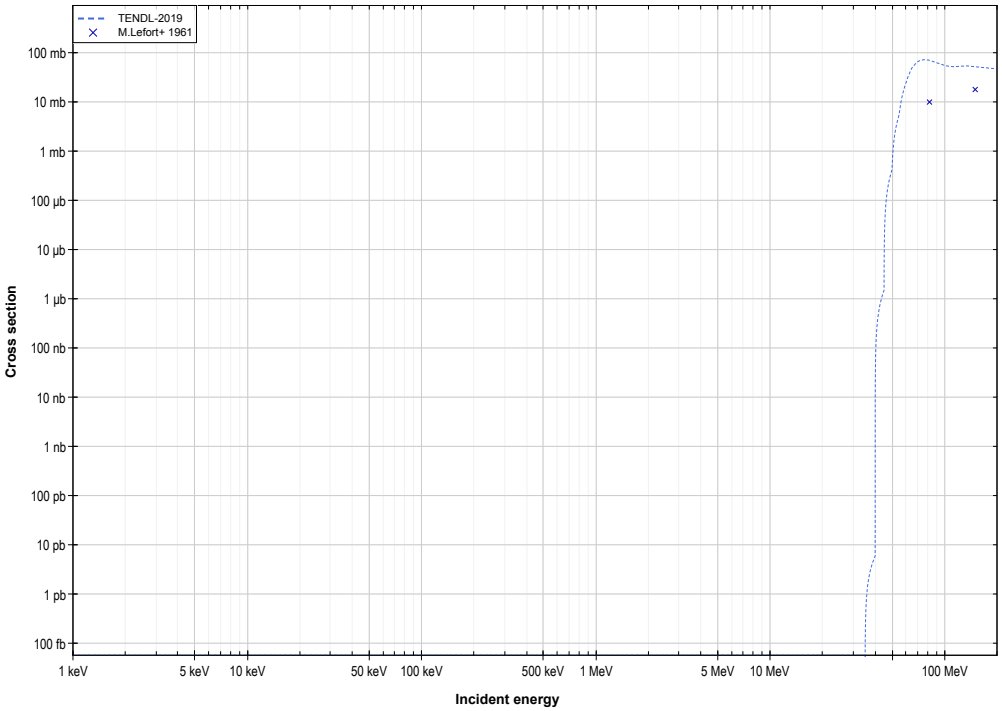
Th232 (p,4n+t) or Th226 production lin-log



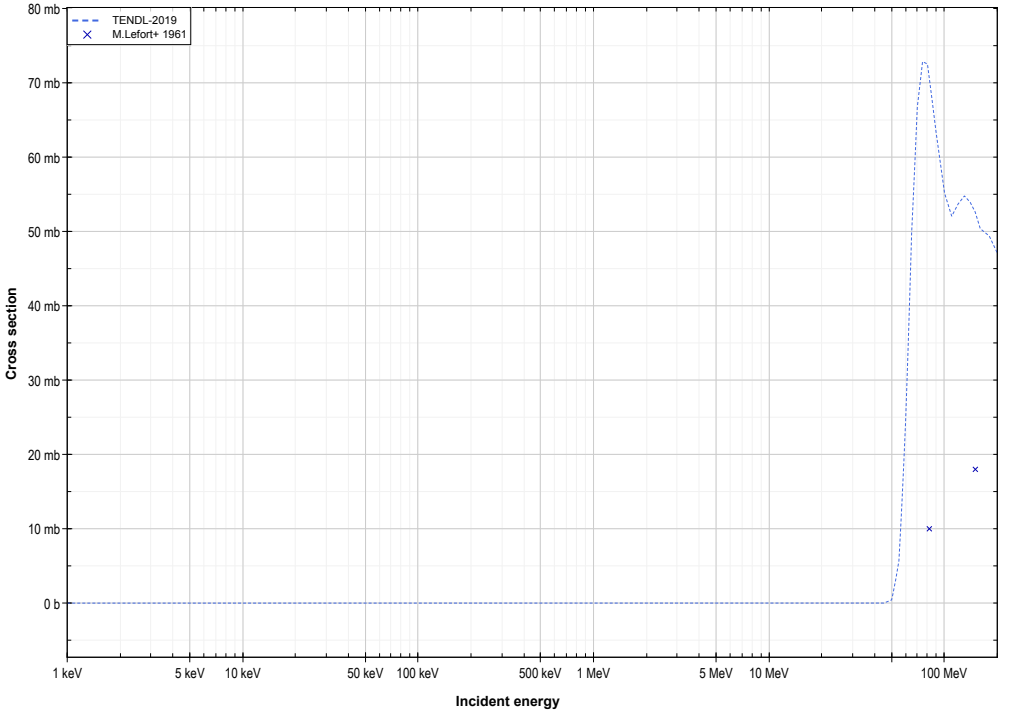
Reaction	Q-Value
Th232(p,4n+t)Th226	-27697.31 keV
Th232(p,5n+d)Th226	-33954.54 keV
Th232(p,6n+p)Th226	-36179.10 keV

<< 53-I-127	**90-Th-232**	
<< MT173 (p,4n+t)	**MT174 (p,5n+t) or MT5 (Th225 production)**	MT176 (p,2n+^{3}He) >>

Th232 (p,5n+t) or Th225 production log-log



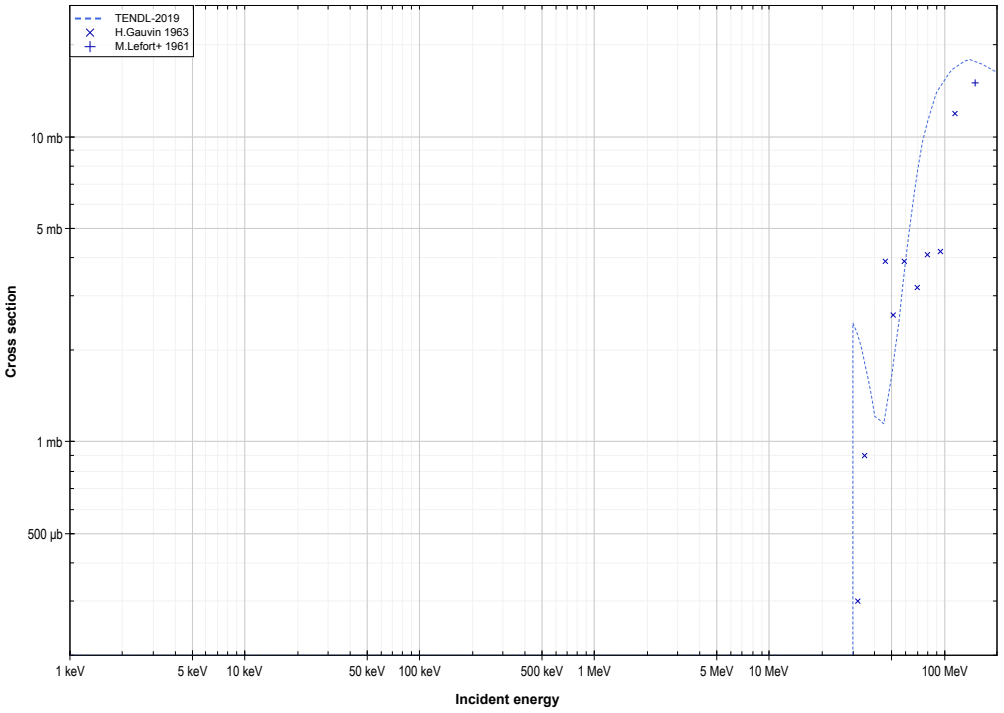
Th232 (p,5n+t) or Th225 production lin-log



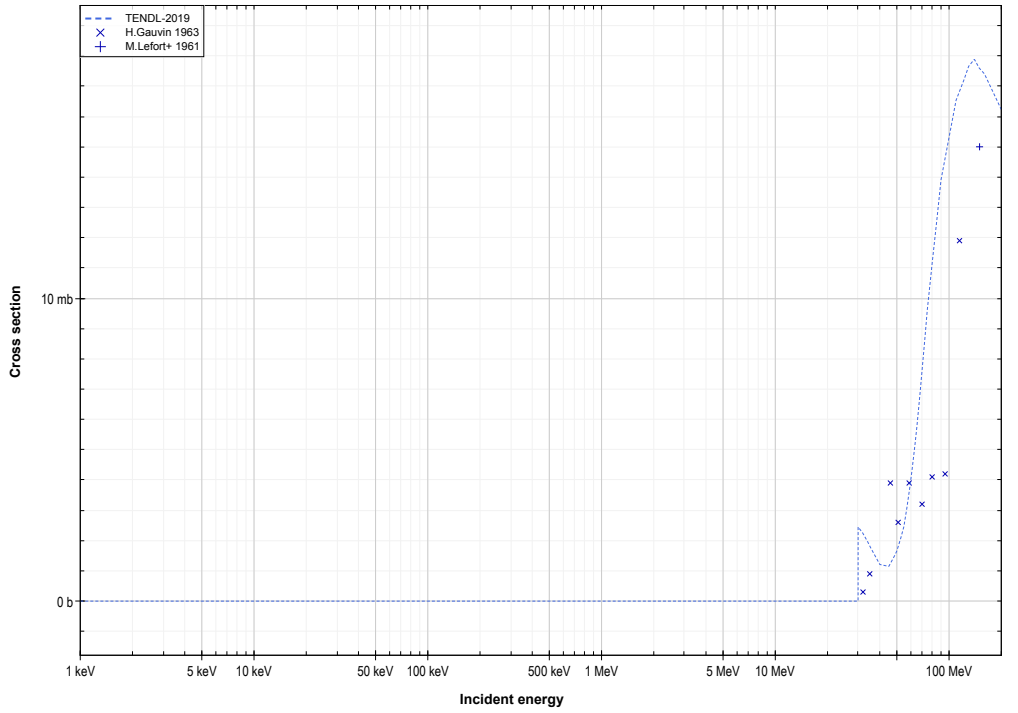
Reaction	Q-Value
Th232(p,5n+t)Th225	-34880.62 keV
Th232(p,6n+d)Th225	-41137.85 keV
Th232(p,7n+p)Th225	-43362.42 keV

<< 80-Hg-202	**90-Th-232**	
<< MT174 (p,5n+t)	**MT176 (p,2n+³He) or MT5 (Ac228 production)**	MT177 (p,3n+³He) >>

Th232 (p,2n+³He) or Ac228 production log-log



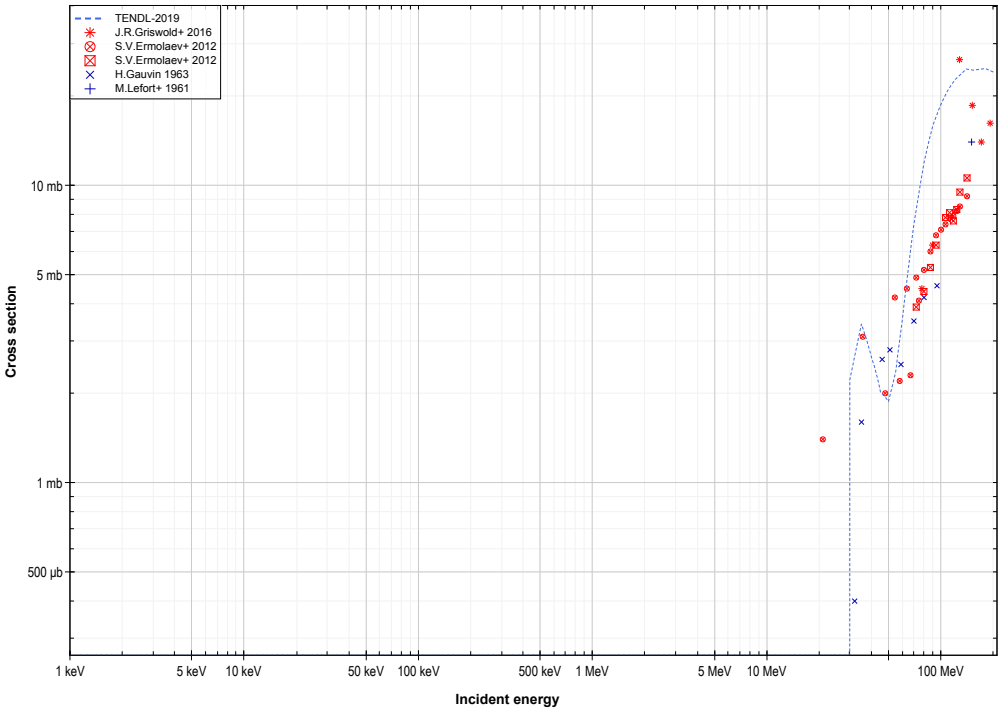
Th232 (p,2n+³He) or Ac228 production lin-log



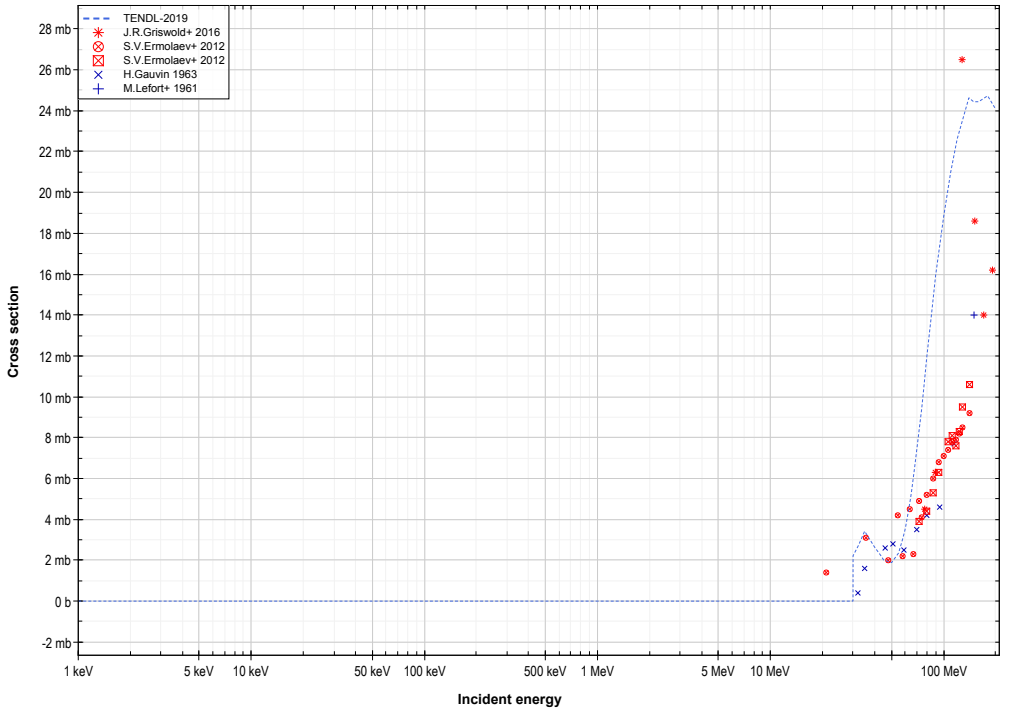
Reaction	Q-Value
Th232(p,n+α)Ac228	3344.84 keV
Th232(p,d+t)Ac228	-14244.46 keV
Th232(p,n+p+t)Ac228	-16469.03 keV
Th232(p,2n+He3)Ac228	-17232.78 keV
Th232(p,n+2d)Ac228	-20501.69 keV
Th232(p,2n+p+d)Ac228	-22726.26 keV
Th232(p,3n+2p)Ac228	-24950.82 keV

<< 52-Te-125	**90-Th-232**	
<< MT176 (p,2n+³He)	**MT177 (p,3n+³He) or MT5 (Ac227 production)**	MT178 (p,4n+³He) >>

Th232 (p,3n+³He) or Ac227 production log-log



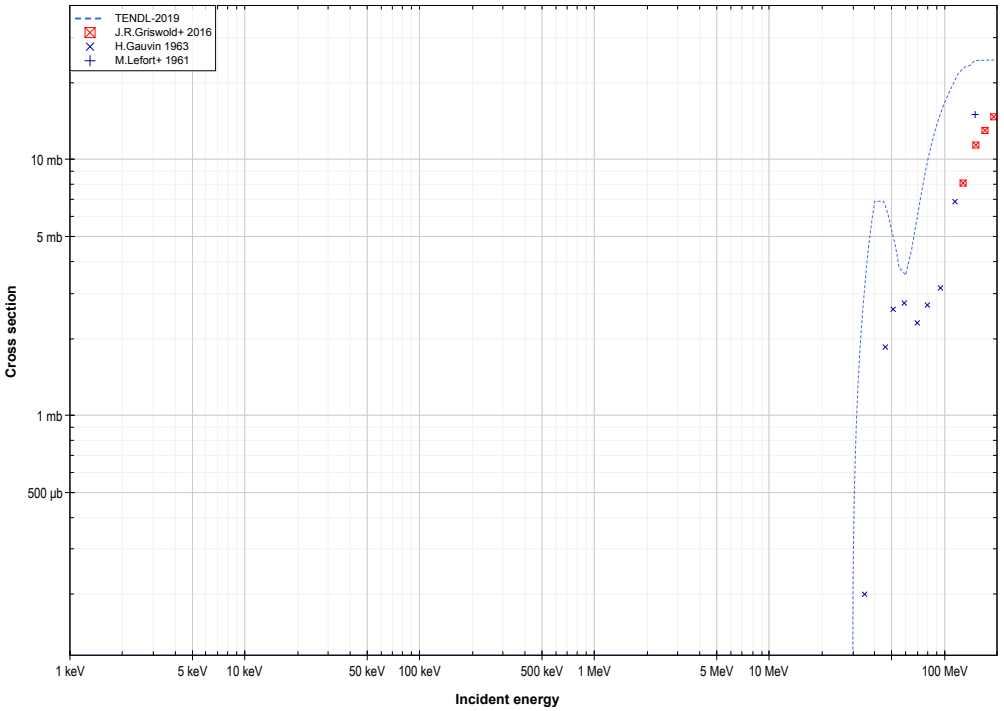
Th232 (p,3n+³He) or Ac227 production lin-log



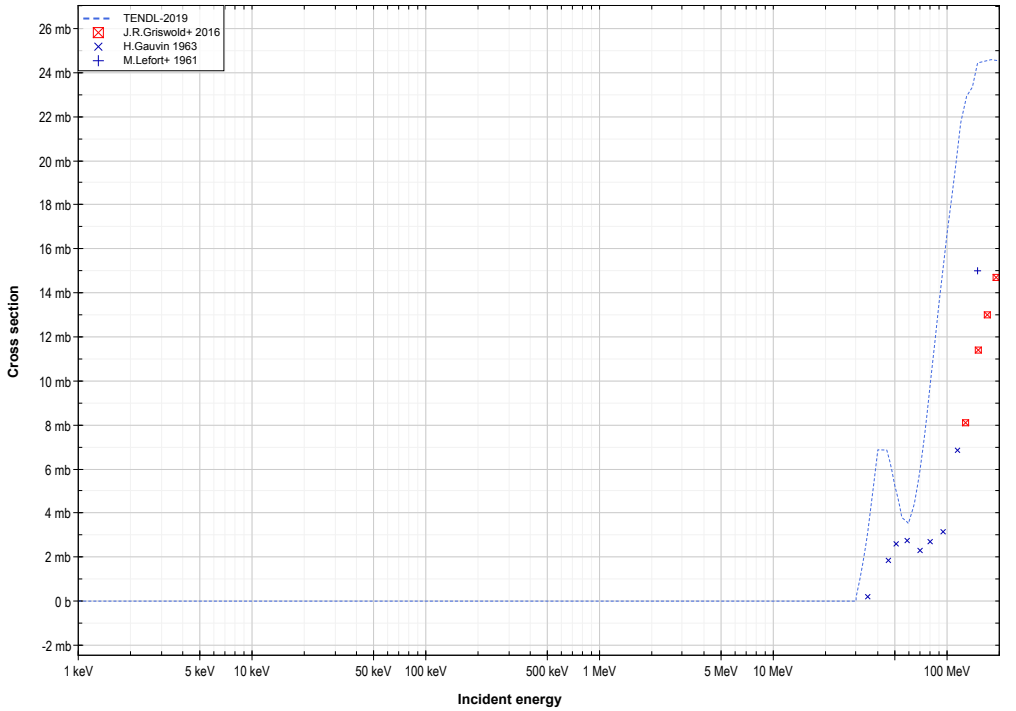
Reaction	Q-Value
Th232(p,2n+α)Ac227	-1681.38 keV
Th232(p,2t)Ac227	-13013.45 keV
Th232(p,n+d+t)Ac227	-19270.68 keV
Th232(p,2n+p+t)Ac227	-21495.24 keV
Th232(p,3n+He3)Ac227	-22259.00 keV
Th232(p,2n+2d)Ac227	-25527.91 keV
Th232(p,3n+p+d)Ac227	-27752.47 keV
Th232(p,4n+2p)Ac227	-29977.04 keV

<< 80-Hg-202	**90-Th-232**	
<< MT177 (p,3n+^{3}He)	**MT178 (p,4n+^{3}He) or MT5 (Ac226 production)**	MT179 (p,3n+2p) >>

Th232 (p,4n+^{3}He) or Ac226 production log-log



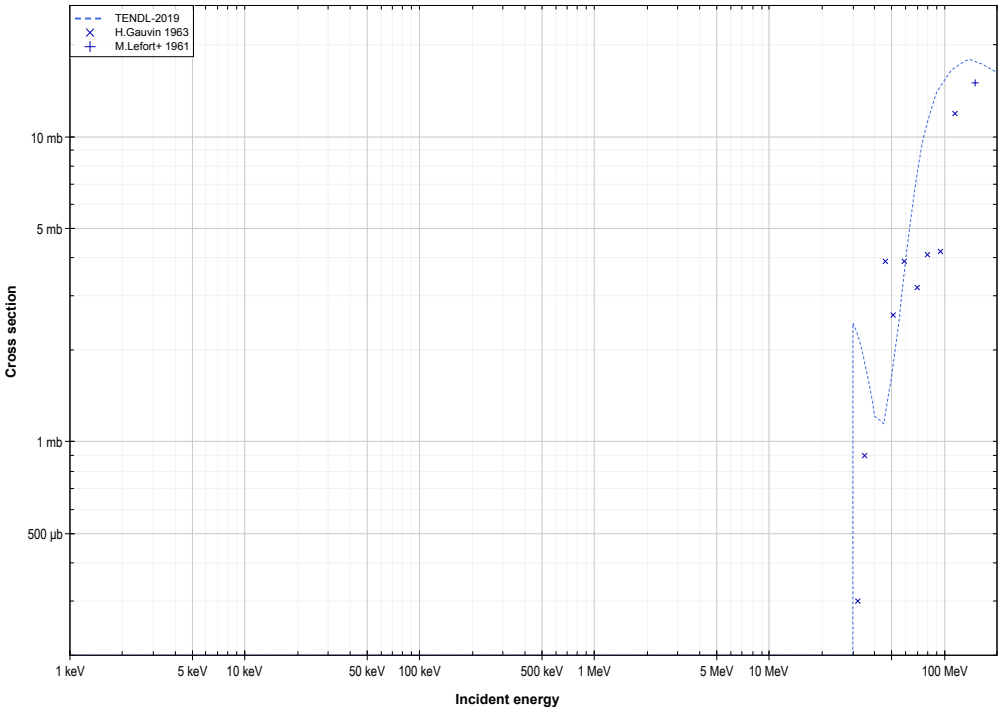
Th232 (p,4n+^{3}He) or Ac226 production lin-log



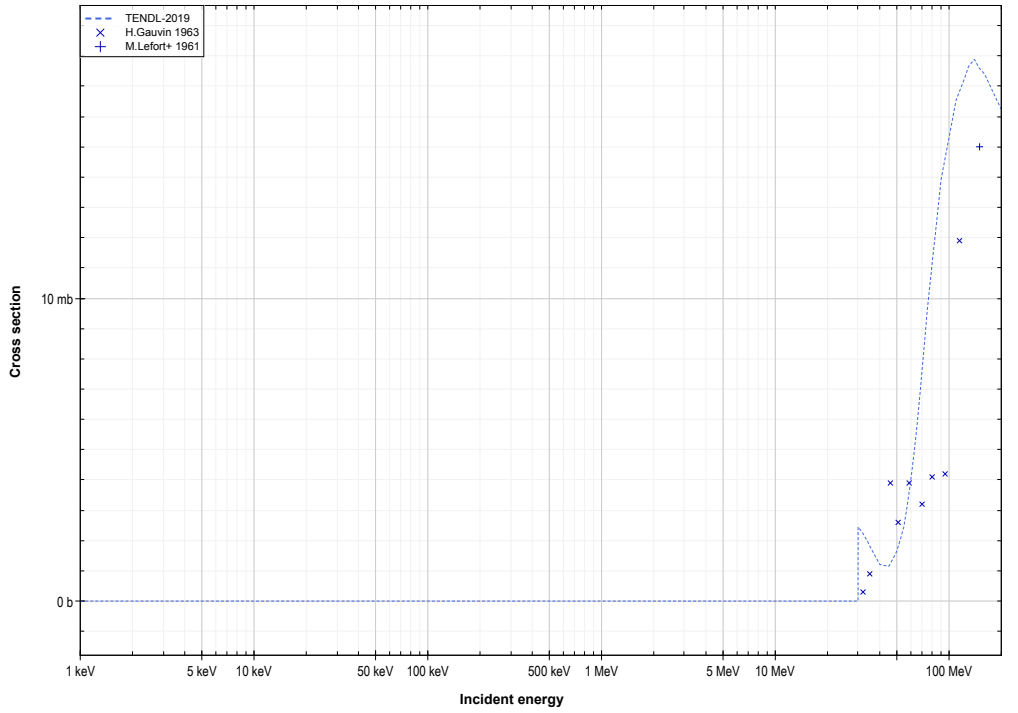
Reaction	Q-Value
Th232(p,3n+α)Ac226	-8212.10 keV
Th232(p,n+2t)Ac226	-19544.17 keV
Th232(p,2n+d+t)Ac226	-25801.40 keV
Th232(p,3n+p+t)Ac226	-28025.96 keV
Th232(p,4n+He3)Ac226	-28789.72 keV
Th232(p,3n+2d)Ac226	-32058.62 keV
Th232(p,4n+p+d)Ac226	-34283.19 keV
Th232(p,5n+2p)Ac226	-36507.76 keV

<< 80-Hg-202	**90-Th-232**	
<< MT178 (p,4n+^{3}He)	**MT179 (p,3n+2p) or MT5 (Ac228 production)**	MT181 (p,3n+p+α) >>

Th232 (p,3n+2p) or Ac228 production log-log



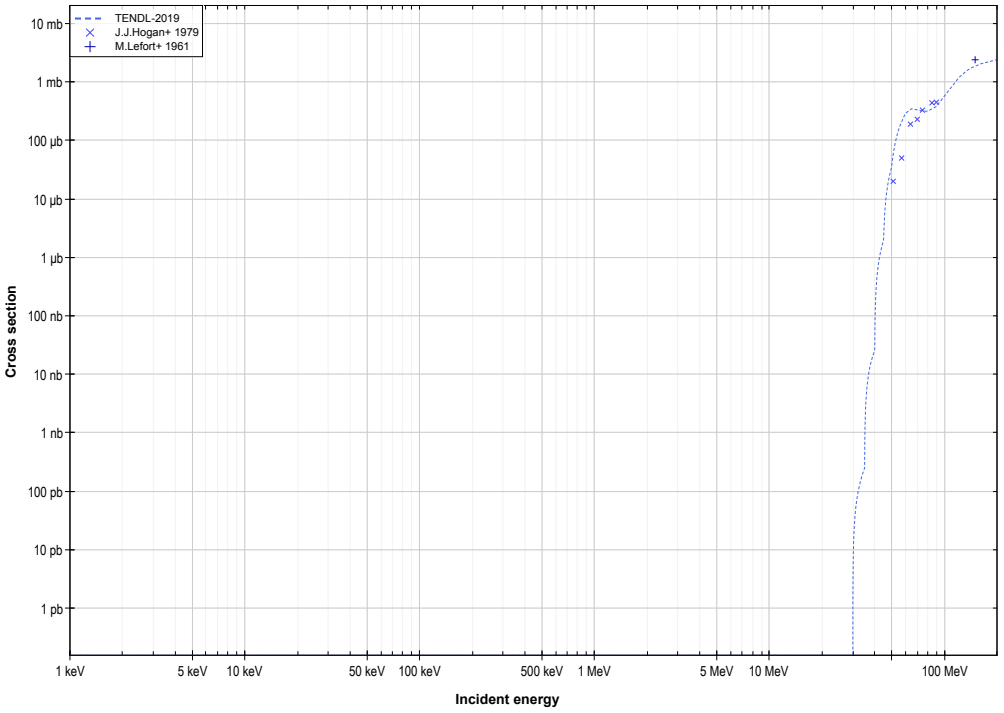
Th232 (p,3n+2p) or Ac228 production lin-log



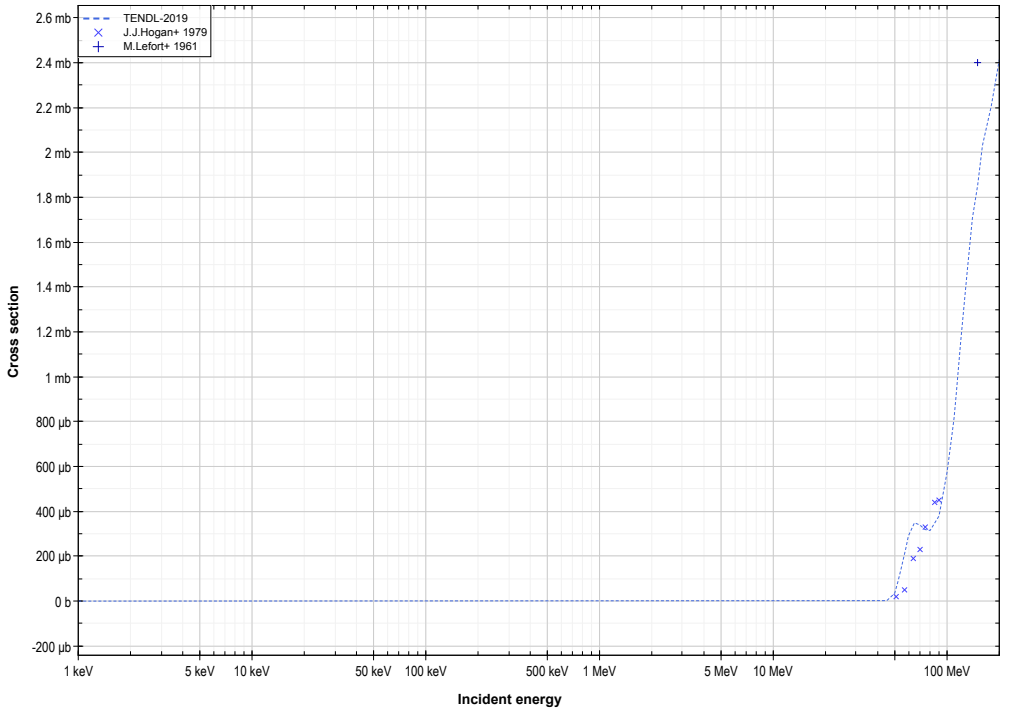
Reaction	Q-Value
Th232(p,n+α)Ac228	3344.84 keV
Th232(p,d+t)Ac228	-14244.46 keV
Th232(p,n+p+t)Ac228	-16469.03 keV
Th232(p,2n+He3)Ac228	-17232.78 keV
Th232(p,n+2d)Ac228	-20501.69 keV
Th232(p,2n+p+d)Ac228	-22726.26 keV
Th232(p,3n+2p)Ac228	-24950.82 keV

<< 57-La-139	**90-Th-232**	
<< MT179 (p,3n+2p)	**MT181 (p,3n+p+α) or MT5 (Ra225 production)**	MT182 (p,d+t) >>

Th232 (p,3n+p+α) or Ra225 production log-log



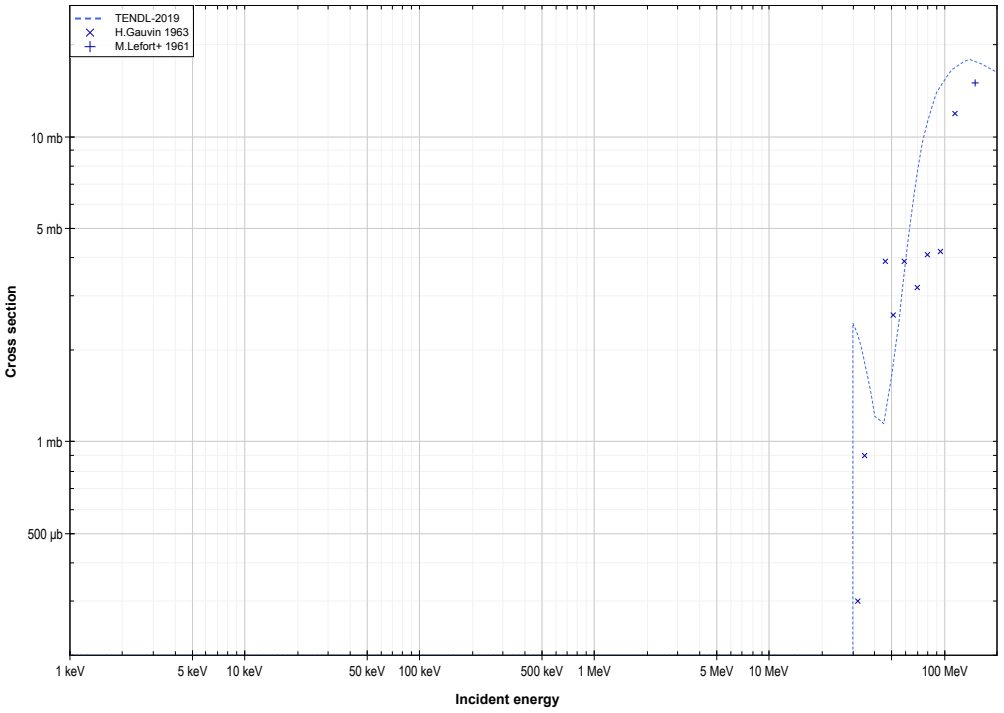
Th232 (p,3n+p+α) or Ra225 production lin-log



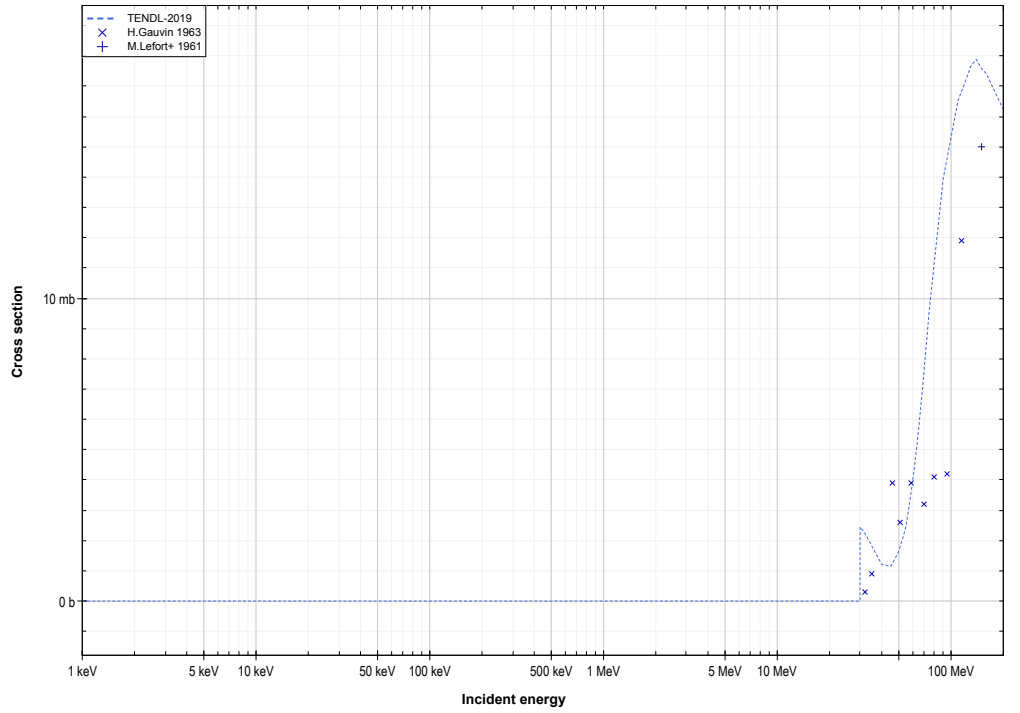
Reaction	Q-Value	Reaction	Q-Value
Th232(p,n+t+α)Ra225	-4703.37 keV	Th232(p,3n+d+He3)Ra225	-31538.22 keV
Th232(p,2n+d+α)Ra225	-10960.60 keV	Th232(p,3n+2p+t)Ra225	-32999.03 keV
Th232(p,3n+p+α)Ra225	-13185.17 keV	Th232(p,4n+p+He3)Ra225	-33762.79 keV
Th232(p,d+2t)Ra225	-22292.67 keV	Th232(p,2n+3d)Ra225	-34807.13 keV
Th232(p,n+p+2t)Ra225	-24517.24 keV	Th232(p,3n+p+2d)Ra225	-37031.69 keV
Th232(p,2n+t+He3)Ra225	-25280.99 keV	Th232(p,4n+2p+d)Ra225	-39256.26 keV
Th232(p,n+2d+t)Ra225	-28549.90 keV	Th232(p,5n+3p)Ra225	-41480.83 keV
Th232(p,2n+p+d+t)Ra225	-30774.47 keV		

<< 80-Hg-202	**90-Th-232**	
<< MT181 (p,3n+p+α)	**MT182 (p,d+t) or MT5 (Ac228 production)**	MT184 (p,n+p+t) >>

Th232 (p,d+t) or Ac228 production log-log



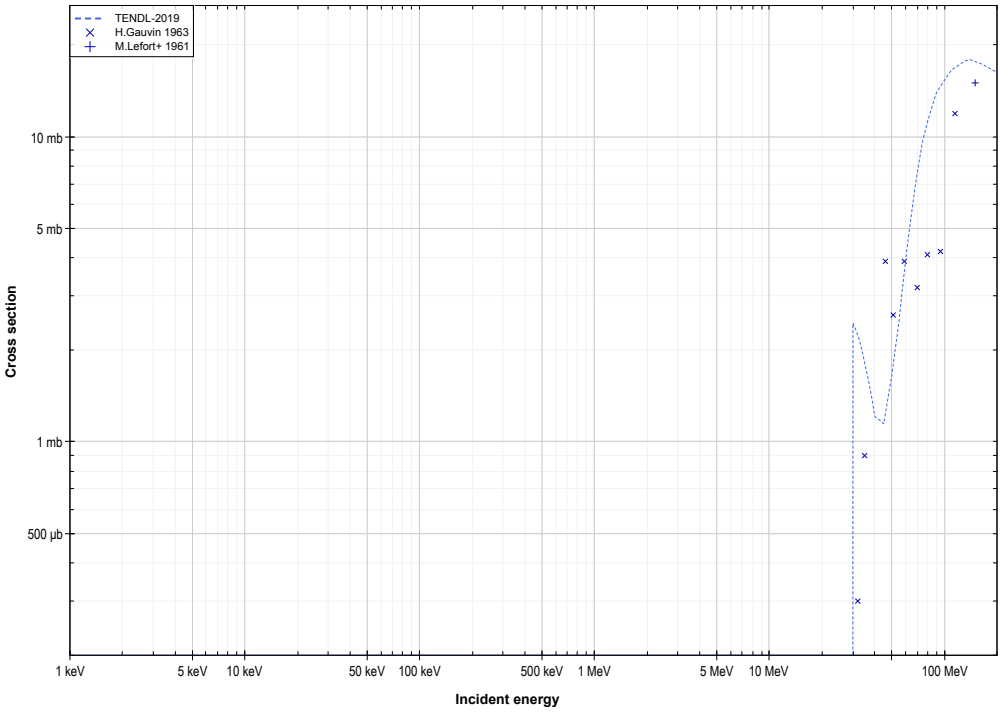
Th232 (p,d+t) or Ac228 production lin-log



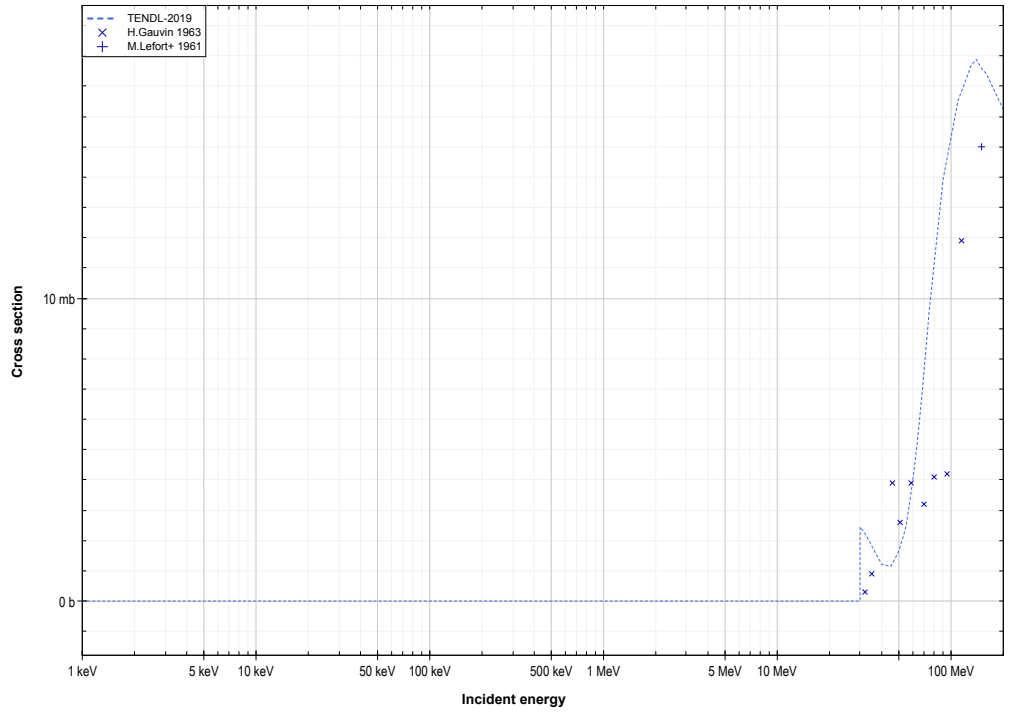
Reaction	Q-Value
Th232(p,n+α)Ac228	3344.84 keV
Th232(p,d+t)Ac228	-14244.46 keV
Th232(p,n+p+t)Ac228	-16469.03 keV
Th232(p,2n+He3)Ac228	-17232.78 keV
Th232(p,n+2d)Ac228	-20501.69 keV
Th232(p,2n+p+d)Ac228	-22726.26 keV
Th232(p,3n+2p)Ac228	-24950.82 keV

<< 80-Hg-202	**90-Th-232**	
<< MT182 (p,d+t)	**MT184 (p,n+p+t) or MT5 (Ac228 production)**	MT185 (p,n+d+t) >>

Th232 (p,n+p+t) or Ac228 production log-log



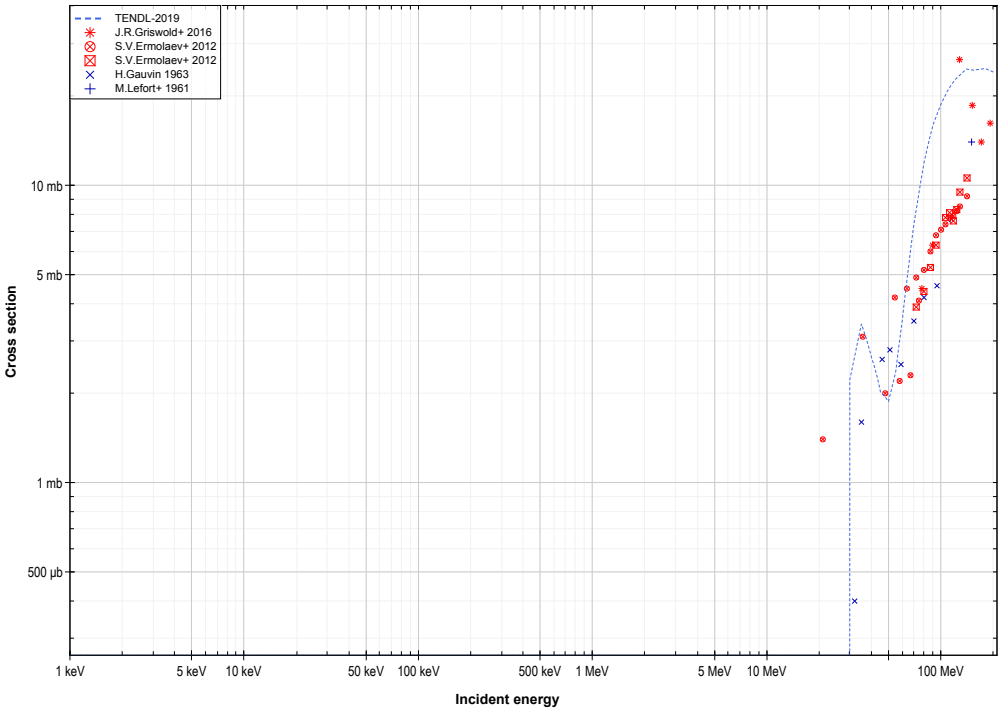
Th232 (p,n+p+t) or Ac228 production lin-log



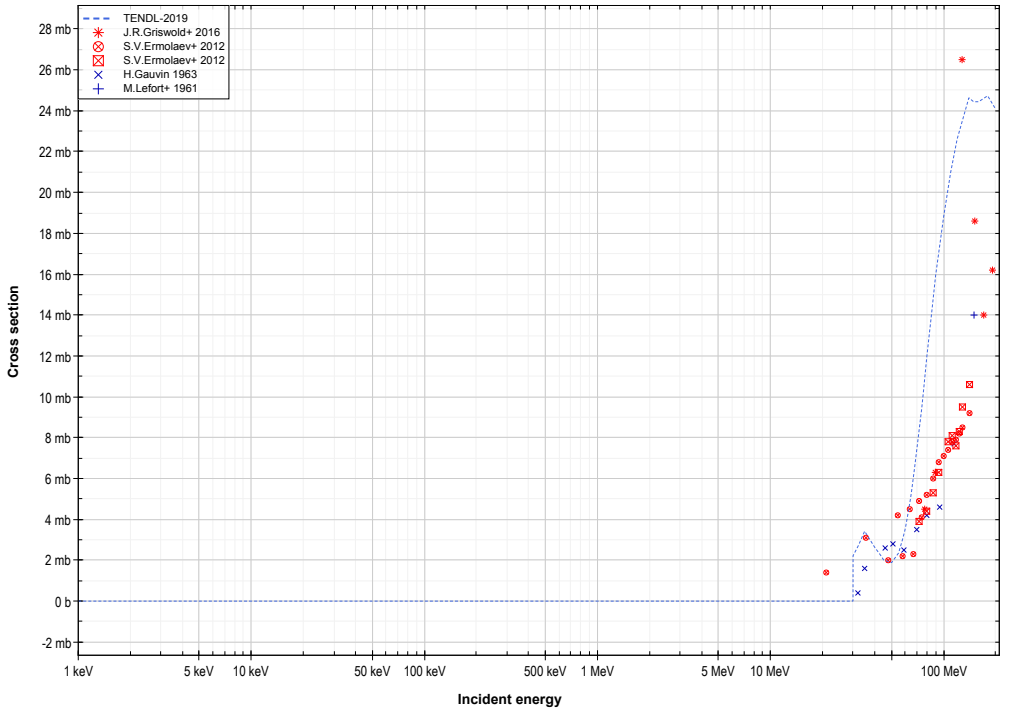
Reaction	Q-Value
Th232(p,n+α)Ac228	3344.84 keV
Th232(p,d+t)Ac228	-14244.46 keV
Th232(p,n+p+t)Ac228	-16469.03 keV
Th232(p,2n+He3)Ac228	-17232.78 keV
Th232(p,n+2d)Ac228	-20501.69 keV
Th232(p,2n+p+d)Ac228	-22726.26 keV
Th232(p,3n+2p)Ac228	-24950.82 keV

<< 52-Te-125	**90-Th-232**	
<< MT184 (p,n+p+t)	**MT185 (p,n+d+t) or MT5 (Ac227 production)**	MT186 (p,n+p+^{3}He) >>

Th232 (p,n+d+t) or Ac227 production log-log



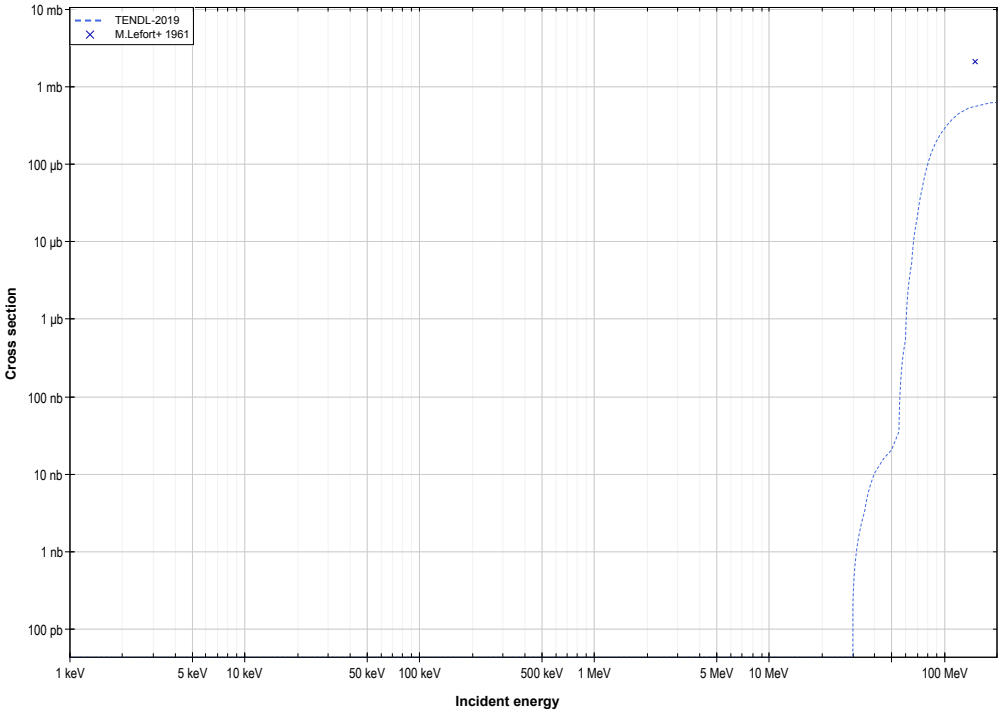
Th232 (p,n+d+t) or Ac227 production lin-log



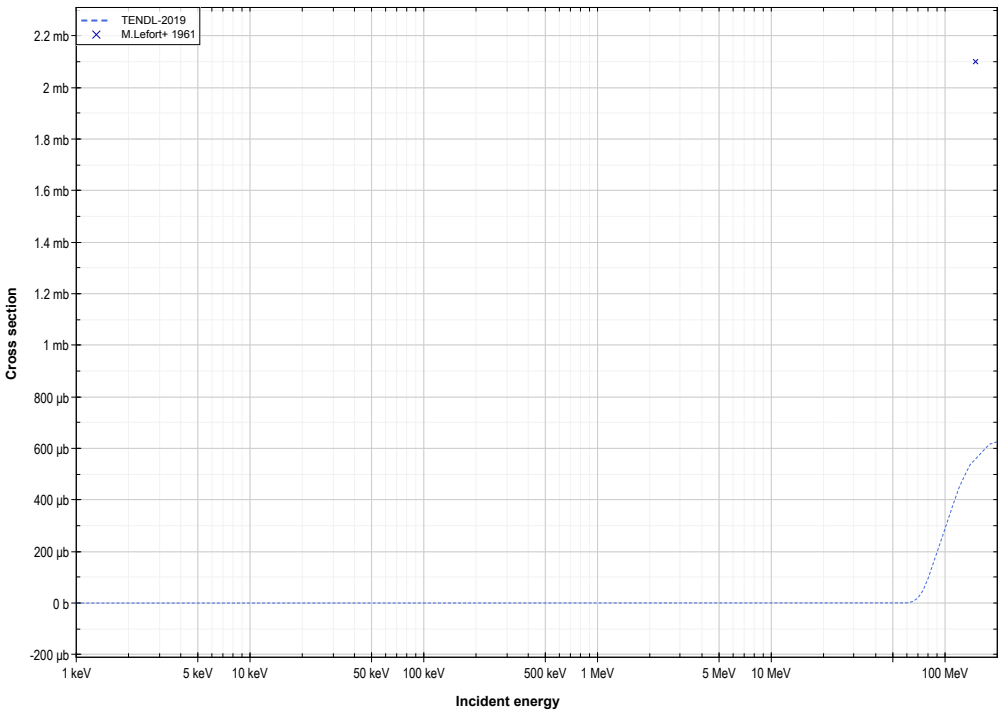
Reaction	Q-Value
Th232(p,2n+α)Ac227	-1681.38 keV
Th232(p,2t)Ac227	-13013.45 keV
Th232(p,n+d+t)Ac227	-19270.68 keV
Th232(p,2n+p+t)Ac227	-21495.24 keV
Th232(p,3n+He3)Ac227	-22259.00 keV
Th232(p,2n+2d)Ac227	-25527.91 keV
Th232(p,3n+p+d)Ac227	-27752.47 keV
Th232(p,4n+2p)Ac227	-29977.04 keV

<< 73-Ta-181	**90-Th-232**	
<< MT185 (p,n+d+t)	**MT186 (p,n+p+³He) or MT5 (Ra228 production)**	MT187 (p,n+d+³He) >>

Th232 (p,n+p+³He) or Ra228 production log-log



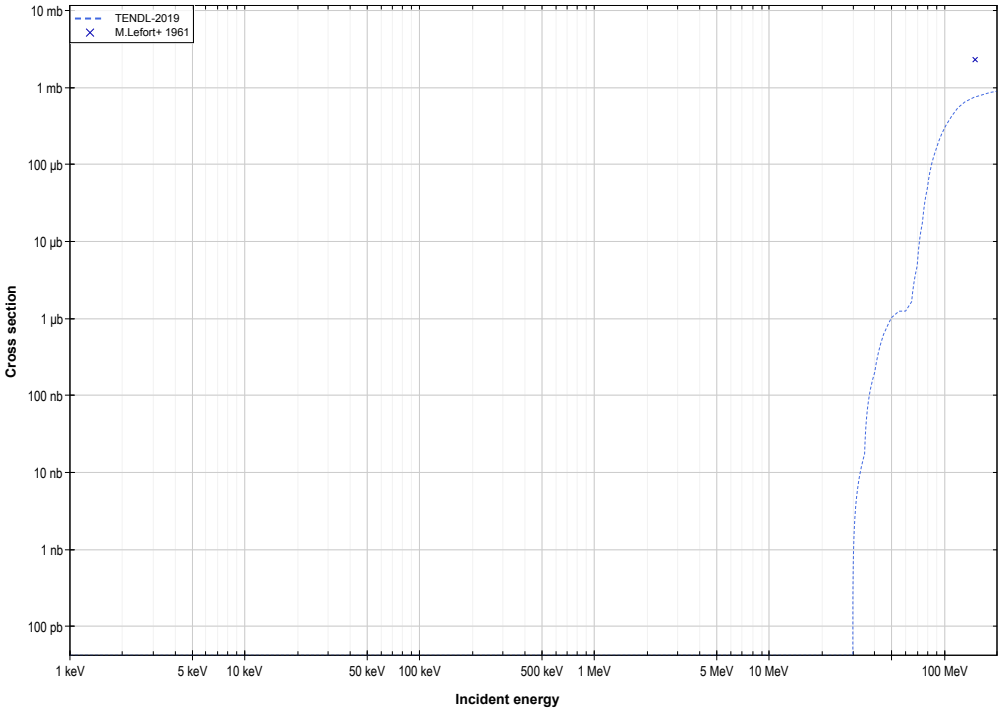
Th232 (p,n+p+³He) or Ra228 production lin-log



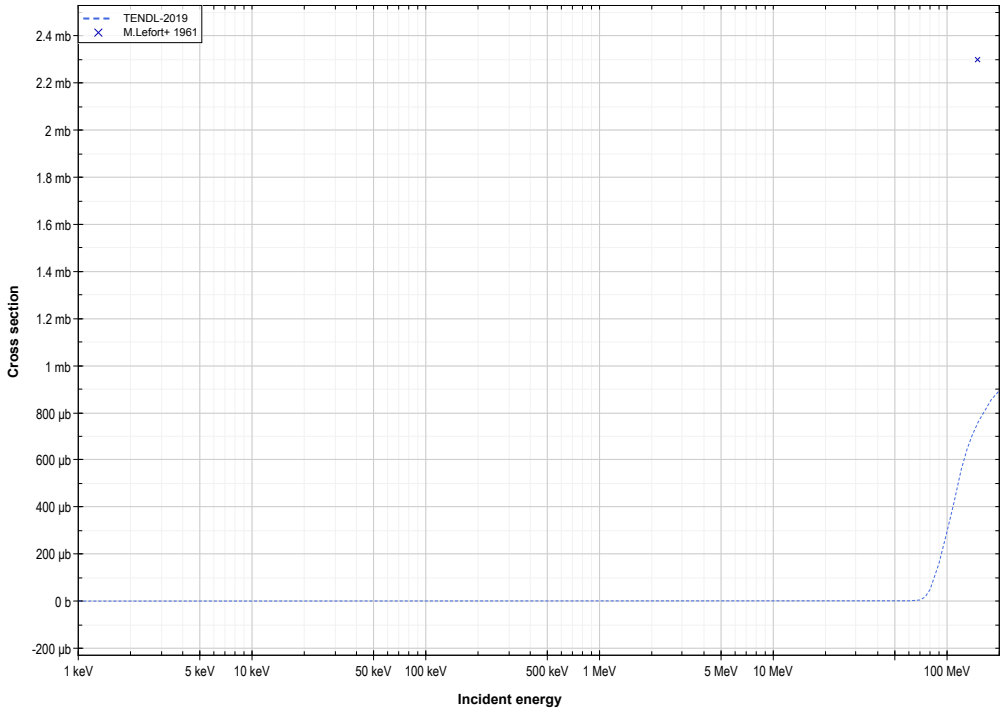
Reaction	Q-Value
Th232(p,p+α)Ra228	4081.58 keV
Th232(p,d+He3)Ra228	-14271.47 keV
Th232(p,2p+t)Ra228	-15732.28 keV
Th232(p,n+p+He3)Ra228	-16496.04 keV
Th232(p,p+2d)Ra228	-19764.94 keV
Th232(p,n+2p+d)Ra228	-21989.51 keV
Th232(p,2n+3p)Ra228	-24214.08 keV

<< 79-Au-197	**90-Th-232**	
<< MT186 (p,n+p+^{3}He)	**MT187 (p,n+d+^{3}He) or MT5 (Ra227 production)**	MT189 (p,n+t+a) >>

Th232 (p,n+d+^{3}He) or Ra227 production log-log



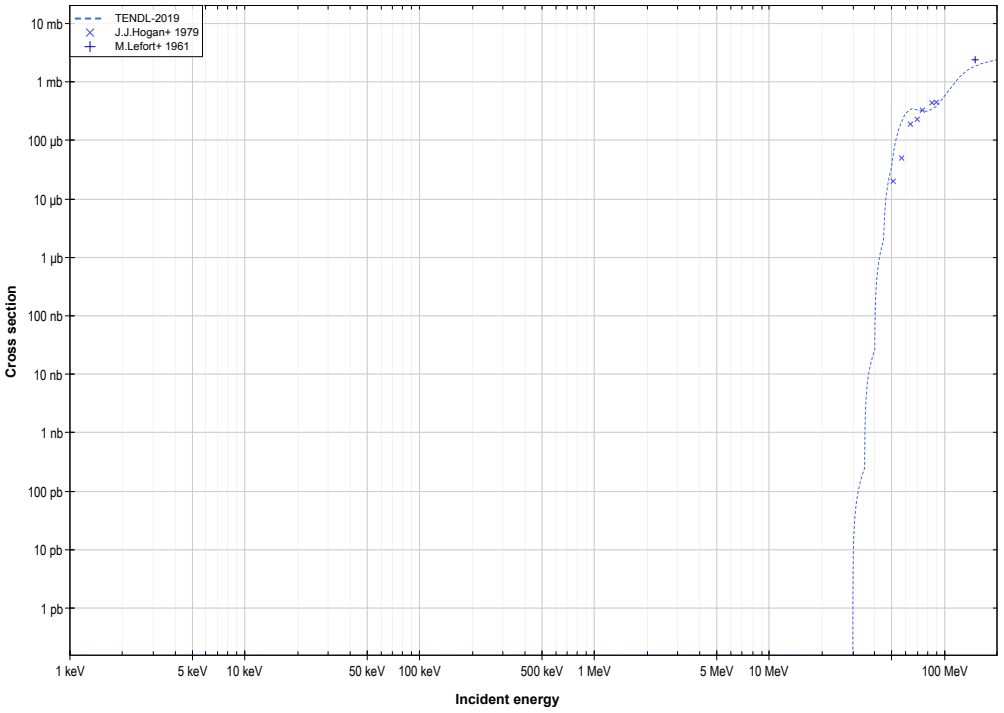
Th232 (p,n+d+^{3}He) or Ra227 production lin-log



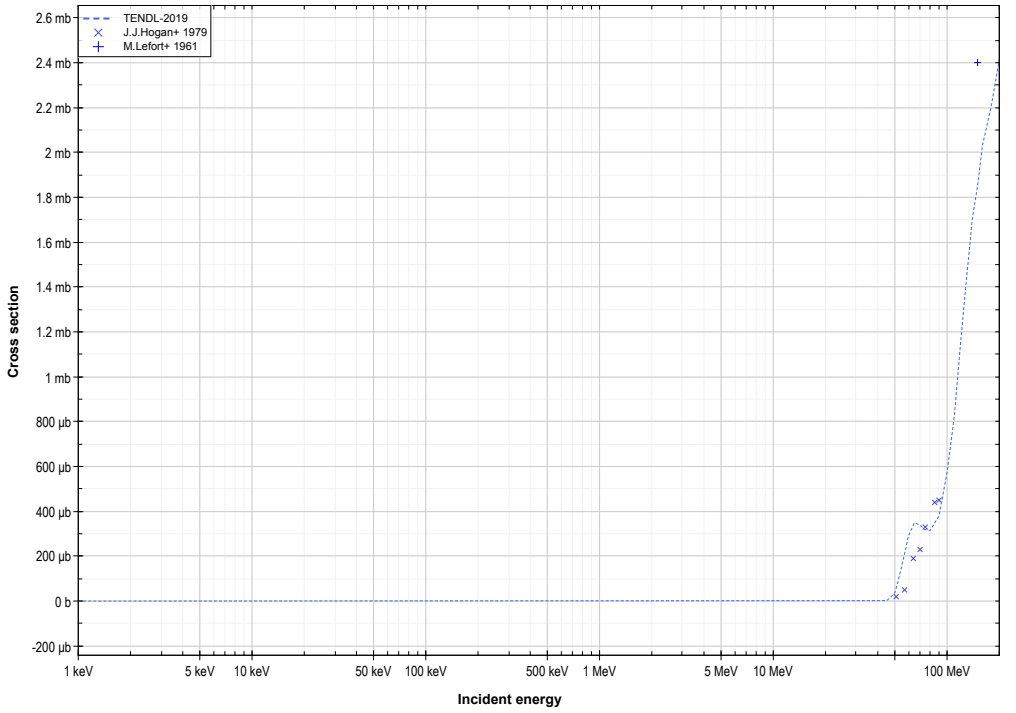
Reaction	Q-Value	Reaction	Q-Value
Th232(p,d+α)Ra227	-2.57 keV	Th232(p,n+p+2d)Ra227	-26073.66 keV
Th232(p,n+p+α)Ra227	-2227.13 keV	Th232(p,2n+2p+d)Ra227	-28298.23 keV
Th232(p,t+He3)Ra227	-14322.96 keV	Th232(p,3n+3p)Ra227	-30522.79 keV
Th232(p,p+d+t)Ra227	-19816.43 keV		
Th232(p,n+d+He3)Ra227	-20580.19 keV		
Th232(p,n+2p+t)Ra227	-22041.00 keV		
Th232(p,2n+p+He3)Ra227	-22804.75 keV		
Th232(p,3d)Ra227	-23849.09 keV		

<< 57-La-139	**90-Th-232**	
<< MT187 (p,n+d+^{3}He)	**MT189 (p,n+t+a) or MT5 (Ra225 production)**	MT192 (p,d+^{3}He) >>

Th232 (p,n+t+a) or Ra225 production log-log



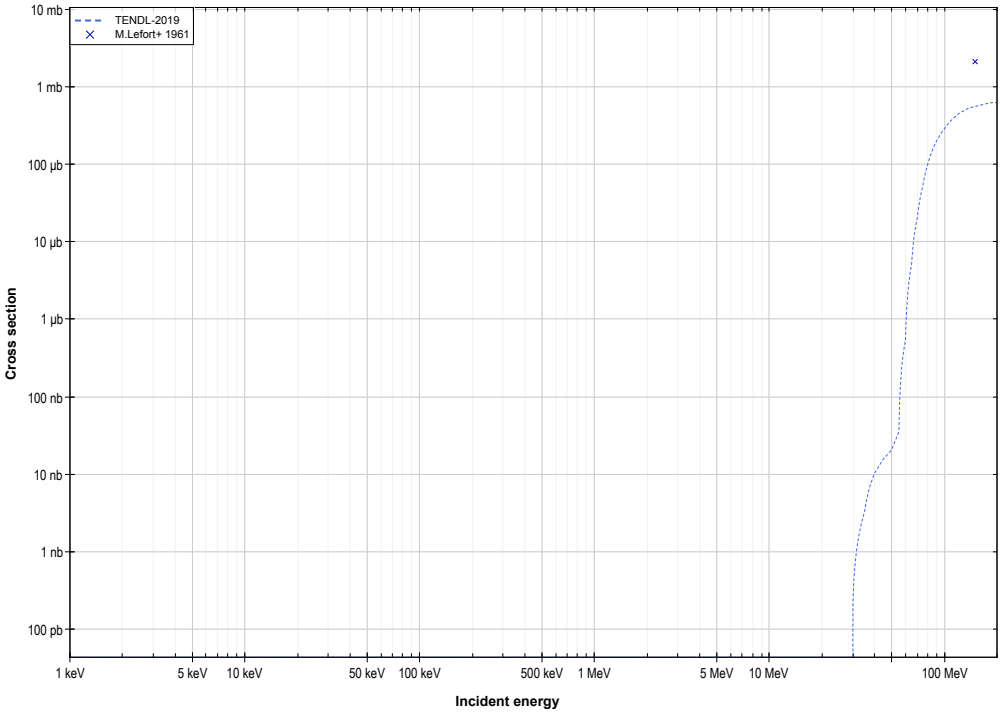
Th232 (p,n+t+a) or Ra225 production lin-log



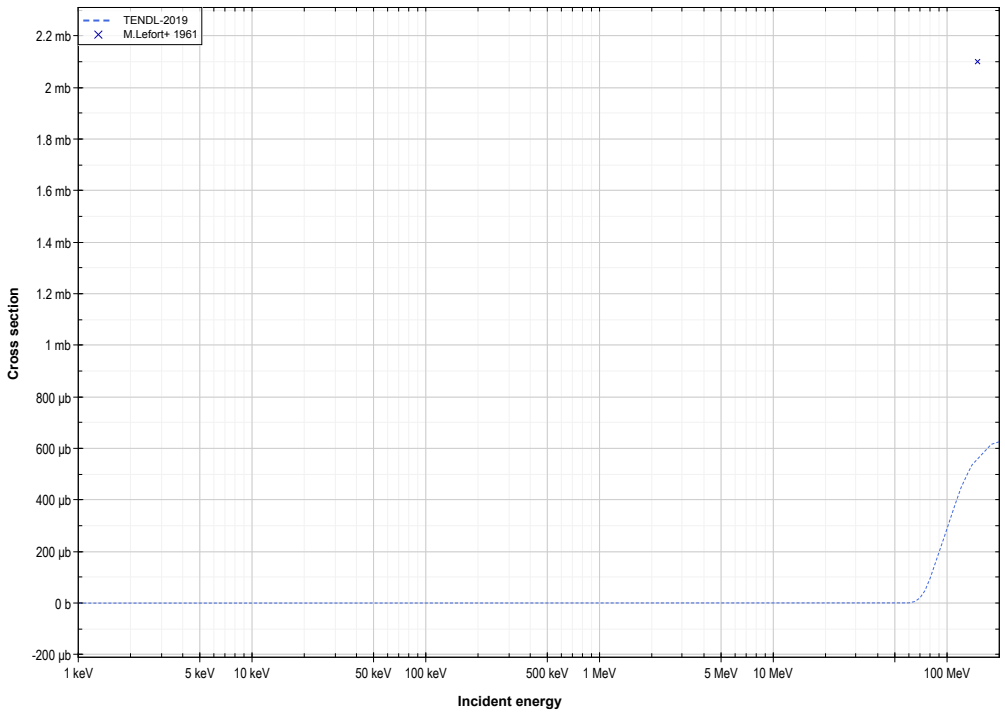
Reaction	Q-Value	Reaction	Q-Value
Th232(p,n+t+α)Ra225	-4703.37 keV	Th232(p,3n+d+He3)Ra225	-31538.22 keV
Th232(p,2n+d+α)Ra225	-10960.60 keV	Th232(p,3n+2p+t)Ra225	-32999.03 keV
Th232(p,3n+p+α)Ra225	-13185.17 keV	Th232(p,4n+p+He3)Ra225	-33762.79 keV
Th232(p,d+2t)Ra225	-22292.67 keV	Th232(p,2n+3d)Ra225	-34807.13 keV
Th232(p,n+p+2t)Ra225	-24517.24 keV	Th232(p,3n+p+2d)Ra225	-37031.69 keV
Th232(p,2n+t+He3)Ra225	-25280.99 keV	Th232(p,4n+2p+d)Ra225	-39256.26 keV
Th232(p,n+2d+t)Ra225	-28549.90 keV	Th232(p,5n+3p)Ra225	-41480.83 keV
Th232(p,2n+p+d+t)Ra225	-30774.47 keV		

<< 73-Ta-181	**90-Th-232**	
<< MT189 (p,n+t+a)	**MT192 (p,d+^{3}He) or MT5 (Ra228 production)**	MT194 (p,4n+2p) >>

Th232 (p,d+h) or Ra228 production log-log



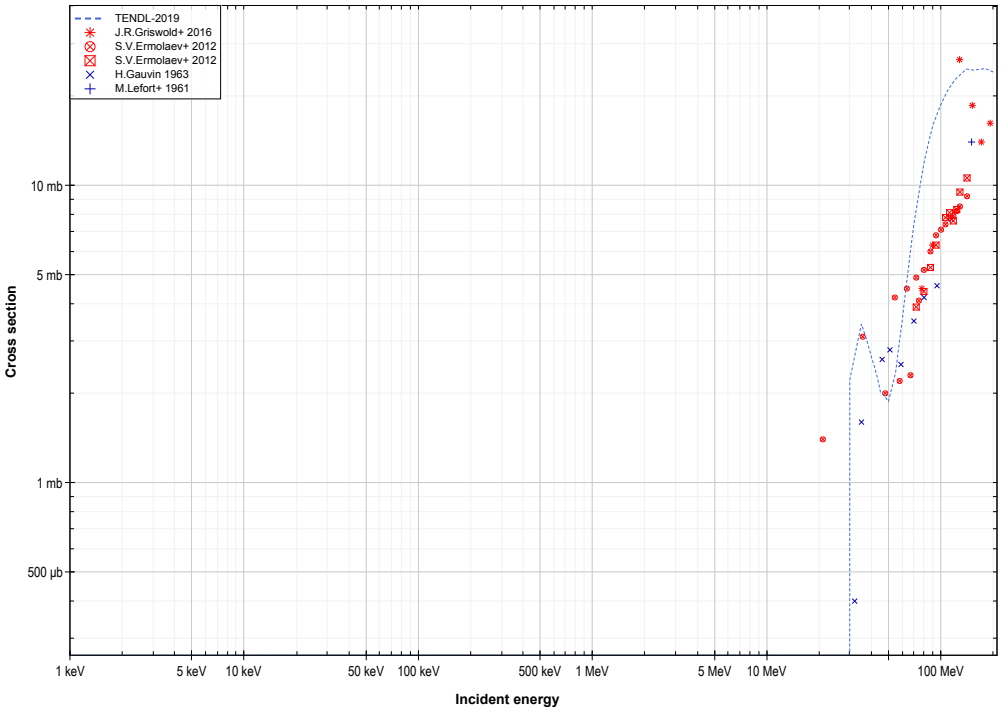
Th232 (p,d+h) or Ra228 production lin-log



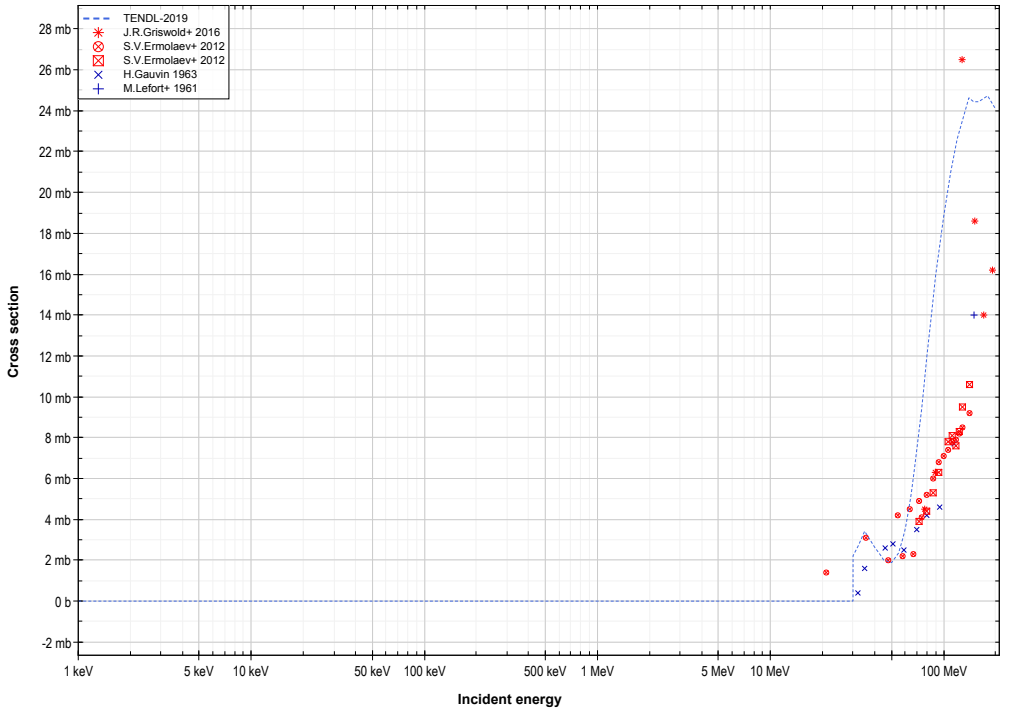
Reaction	Q-Value
Th232(p,p+α)Ra228	4081.58 keV
Th232(p,d+He3)Ra228	-14271.47 keV
Th232(p,2p+t)Ra228	-15732.28 keV
Th232(p,n+p+He3)Ra228	-16496.04 keV
Th232(p,p+2d)Ra228	-19764.94 keV
Th232(p,n+2p+d)Ra228	-21989.51 keV
Th232(p,2n+3p)Ra228	-24214.08 keV

<< 52-Te-125	**90-Th-232**	
<< MT192 (p,d+³He)	**MT194 (p,4n+2p) or MT5 (Ac227 production)**	MT196 (p,4n+p+α) >>

Th232 (p,4n+2p) or Ac227 production log-log



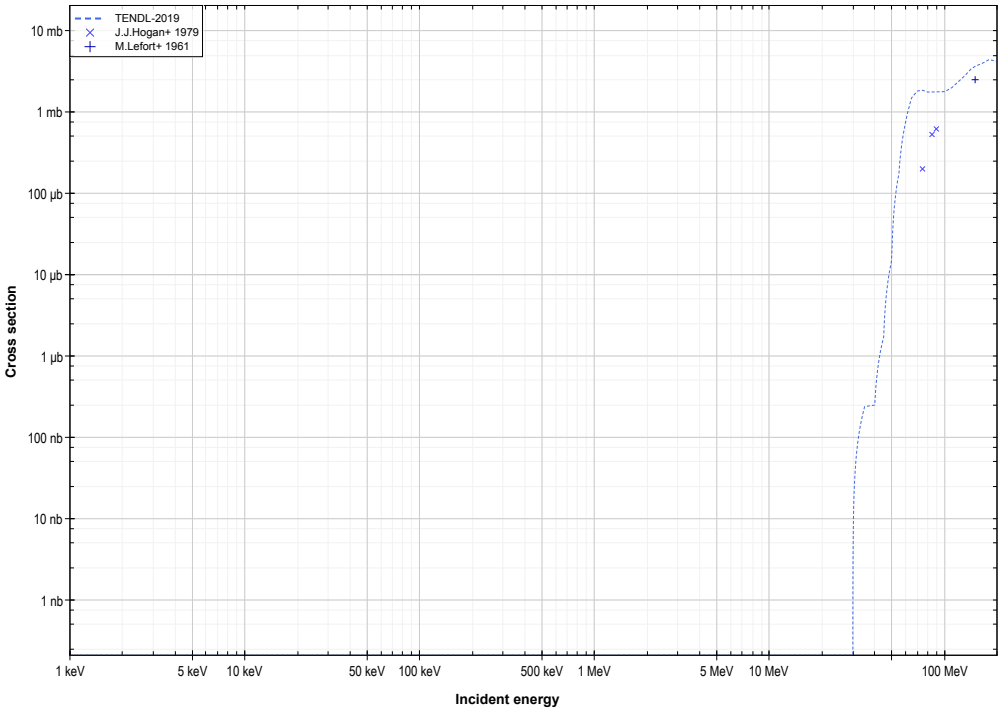
Th232 (p,4n+2p) or Ac227 production lin-log



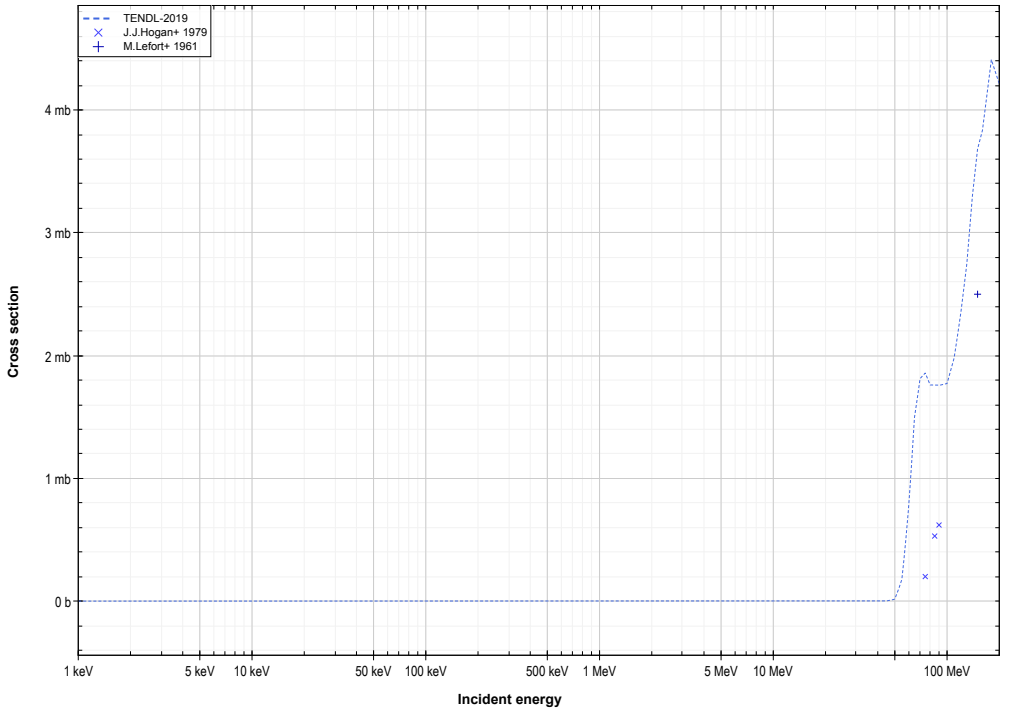
Reaction	Q-Value
Th232(p,2n+α)Ac227	-1681.38 keV
Th232(p,2t)Ac227	-13013.45 keV
Th232(p,n+d+t)Ac227	-19270.68 keV
Th232(p,2n+p+t)Ac227	-21495.24 keV
Th232(p,3n+He3)Ac227	-22259.00 keV
Th232(p,2n+2d)Ac227	-25527.91 keV
Th232(p,3n+p+d)Ac227	-27752.47 keV
Th232(p,4n+2p)Ac227	-29977.04 keV

<< 79-Au-197	**90-Th-232**	
<< MT194 (p,4n+2p)	**MT196 (p,4n+p+α) or MT5 (Ra224 production)**	MT200 (p,5n+2p) >>

Th232 (p,4n+p+α) or Ra224 production log-log



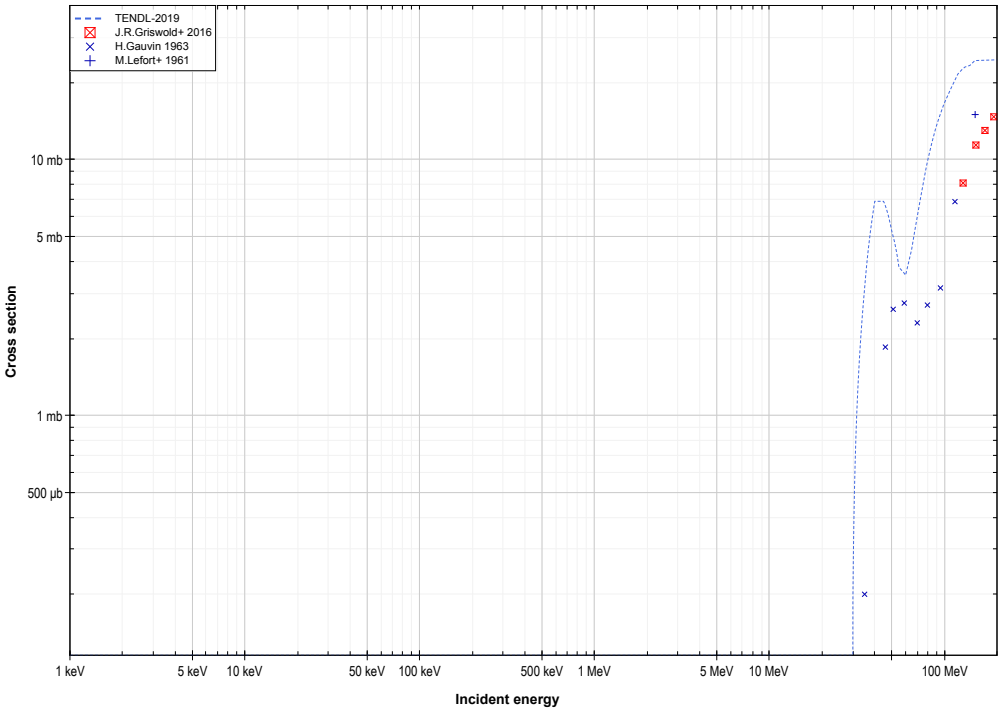
Th232 (p,4n+p+α) or Ra224 production lin-log



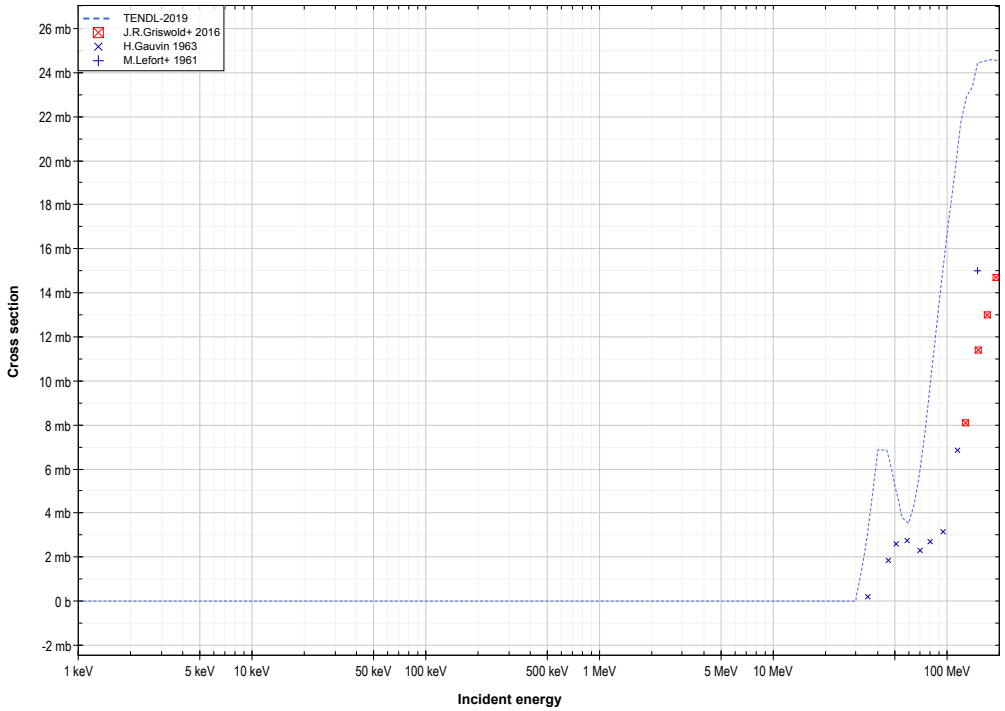
Reaction	Q-Value	Reaction	Q-Value
Th232(p,2n+t+α)Ra224	-9607.49 keV	Th232(p,3n+p+d+t)Ra224	-35678.58 keV
Th232(p,3n+d+α)Ra224	-15864.72 keV	Th232(p,4n+d+He3)Ra224	-36442.34 keV
Th232(p,4n+p+α)Ra224	-18089.28 keV	Th232(p,4n+2p+t)Ra224	-37903.15 keV
Th232(p,3t)Ra224	-20939.56 keV	Th232(p,5n+p+He3)Ra224	-38666.90 keV
Th232(p,n+d+2t)Ra224	-27196.79 keV	Th232(p,3n+3d)Ra224	-39711.25 keV
Th232(p,2n+p+2t)Ra224	-29421.35 keV	Th232(p,4n+p+2d)Ra224	-41935.81 keV
Th232(p,3n+t+He3)Ra224	-30185.11 keV	Th232(p,5n+2p+d)Ra224	-44160.38 keV
Th232(p,2n+2d+t)Ra224	-33454.02 keV	Th232(p,6n+3p)Ra224	-46384.94 keV

<< 80-Hg-202	**90-Th-232**	
<< MT196 (p,4n+p+α)	**MT200 (p,5n+2p) or MT5 (Ac226 production)**	91-Pa-231 MT16 (p,2n) >>

Th232 (p,5n+2p) or Ac226 production log-log



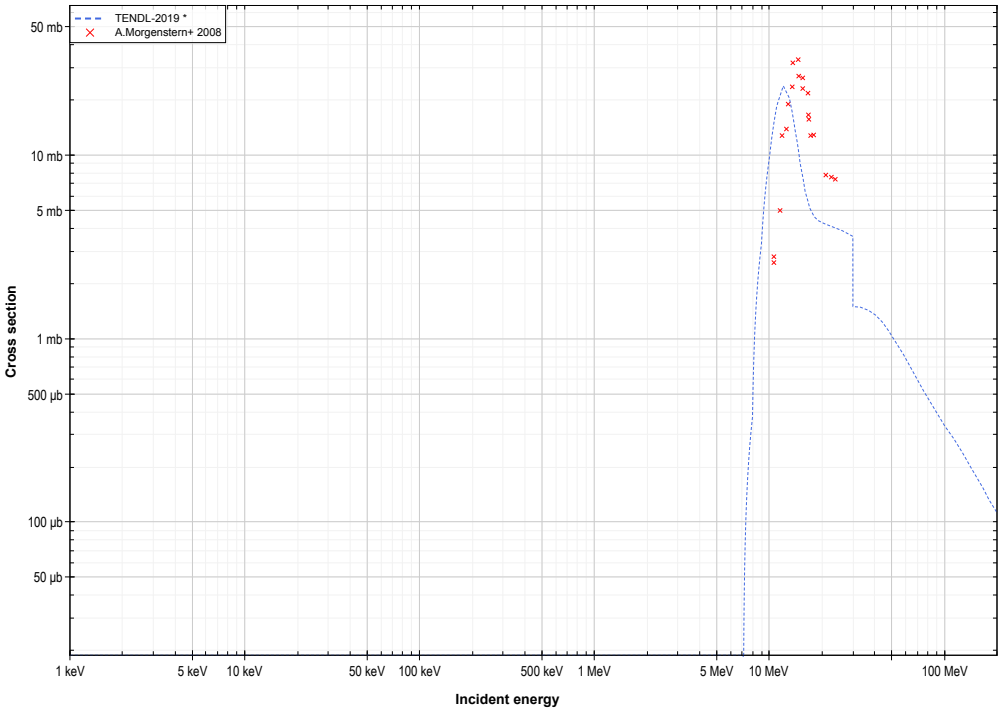
Th232 (p,5n+2p) or Ac226 production lin-log



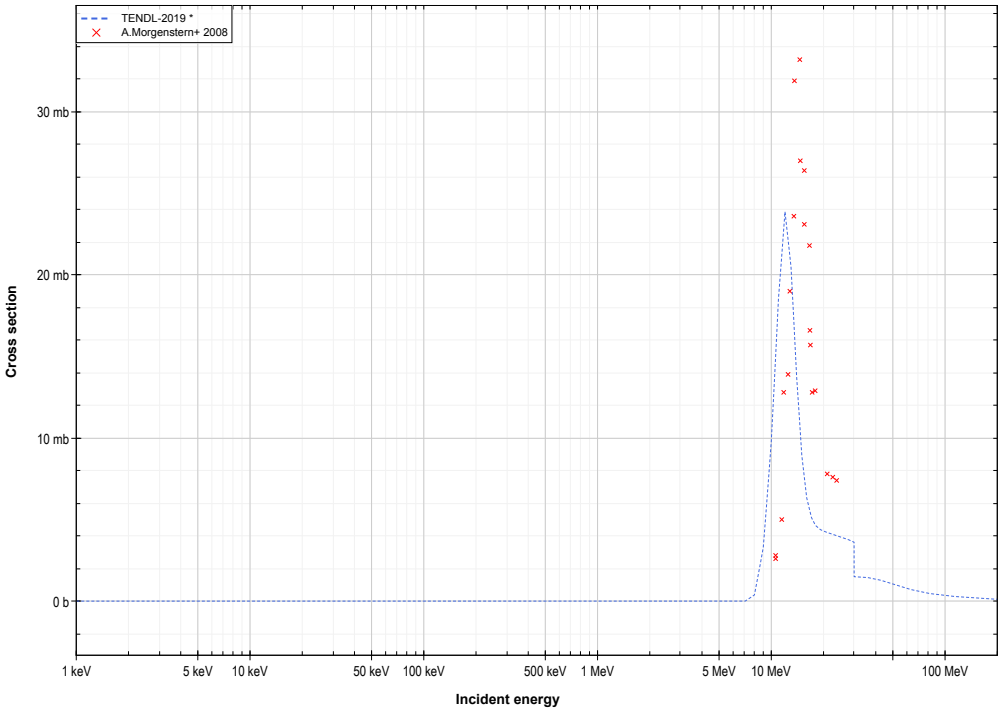
Reaction	Q-Value
Th232(p,3n+α)Ac226	-8212.10 keV
Th232(p,n+2t)Ac226	-19544.17 keV
Th232(p,2n+d+t)Ac226	-25801.40 keV
Th232(p,3n+p+t)Ac226	-28025.96 keV
Th232(p,4n+He3)Ac226	-28789.72 keV
Th232(p,3n+2d)Ac226	-32058.62 keV
Th232(p,4n+p+d)Ac226	-34283.19 keV
Th232(p,5n+2p)Ac226	-36507.76 keV

<< 90-Th-232	**91-Pa-231**	92-U-235 >>
<< 90-Th-232 MT200 (p,5n+2p)	**MT16 (p,2n) or MT5 (U230 production)**	92-U-233 MT18 (p,fission) >>

Pa231 (p,2n) or U230 production log-log



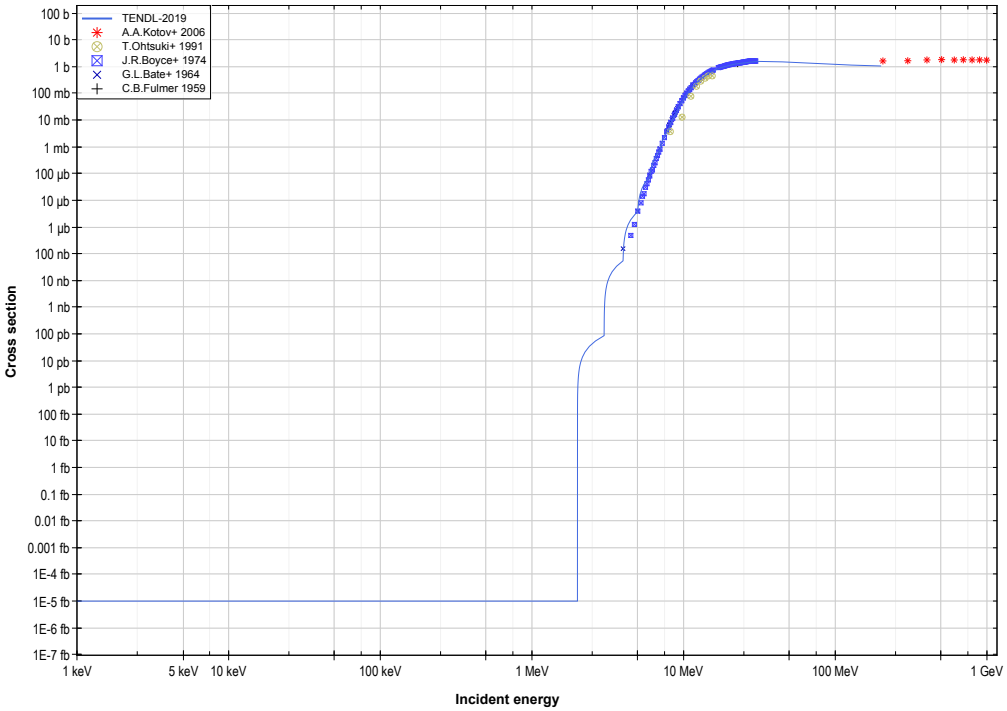
Pa231 (p,2n) or U230 production lin-log



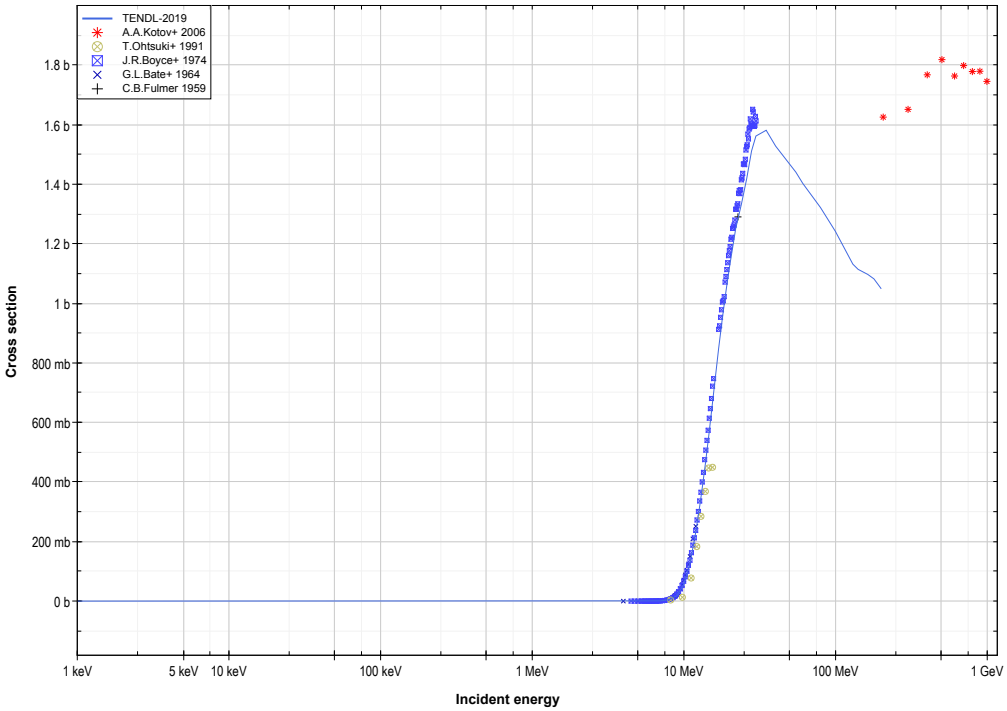
Reaction	Q-Value
Pa231(p,2n)U230	-7044.26 keV

<< 90-Th-232	**92-U-233**	92-U-234 >>
<< 91-Pa-231 MT16 (p,2n)	**MT18 (p,fission)**	92-U-234 MT18 (p,fission) >>

U233 (p,fission) log-log

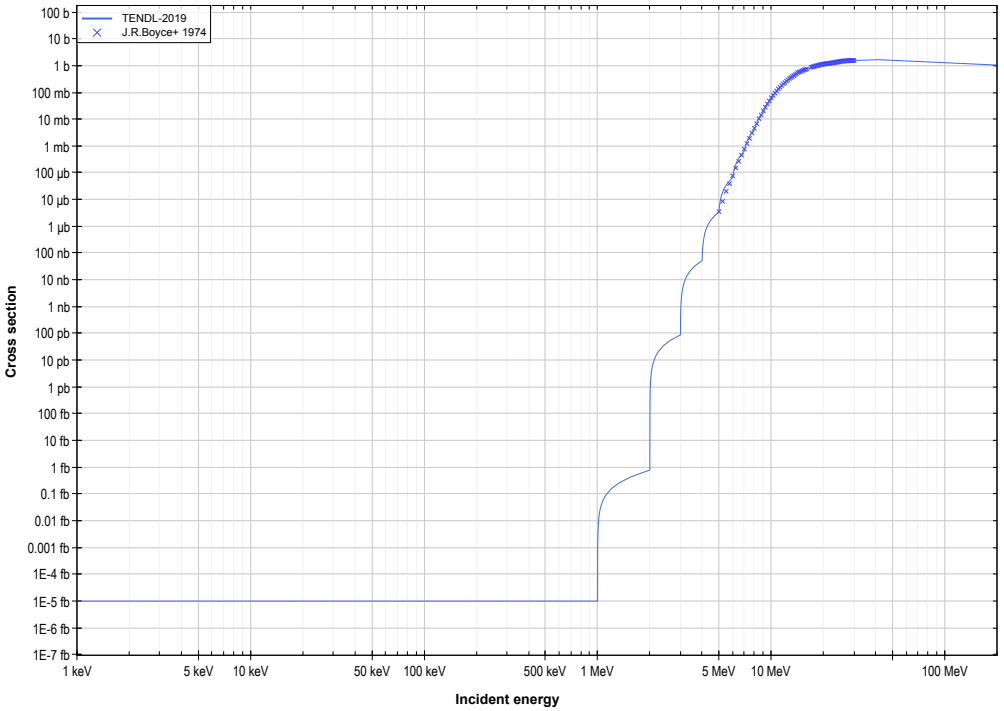


U233 (p,fission) lin-log

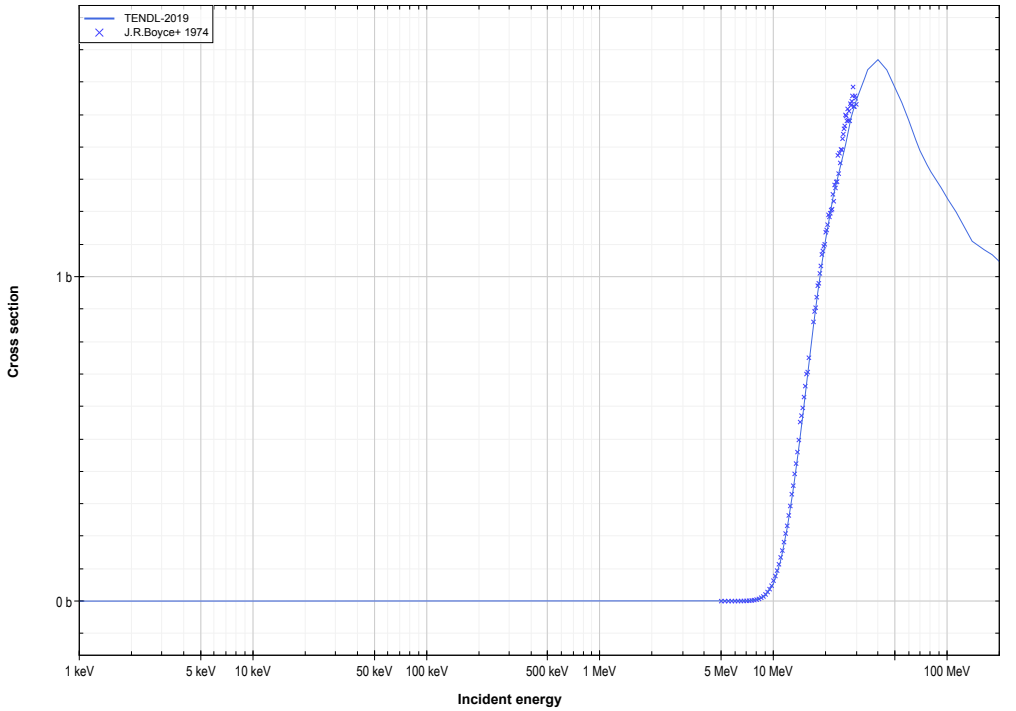


<< 92-U-233	**92-U-234**	92-U-235 >>
<< 92-U-233 MT18 (p,fission)	**MT18 (p,fission)**	92-U-235 MT4 (p,n) >>

U234 (p,fission) log-log

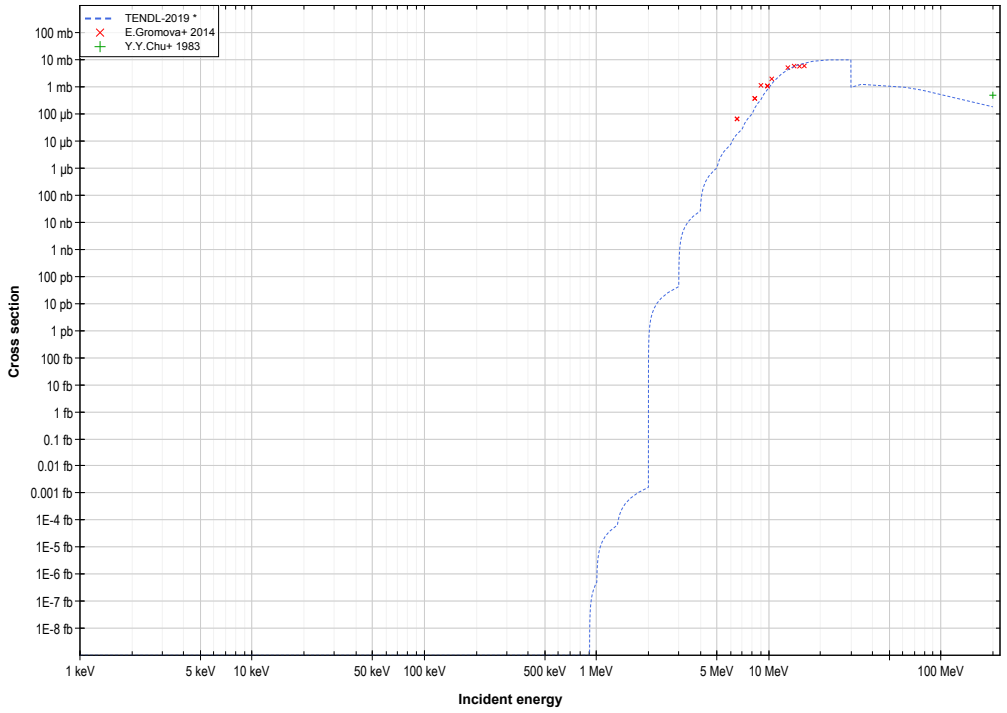


U234 (p,fission) lin-log

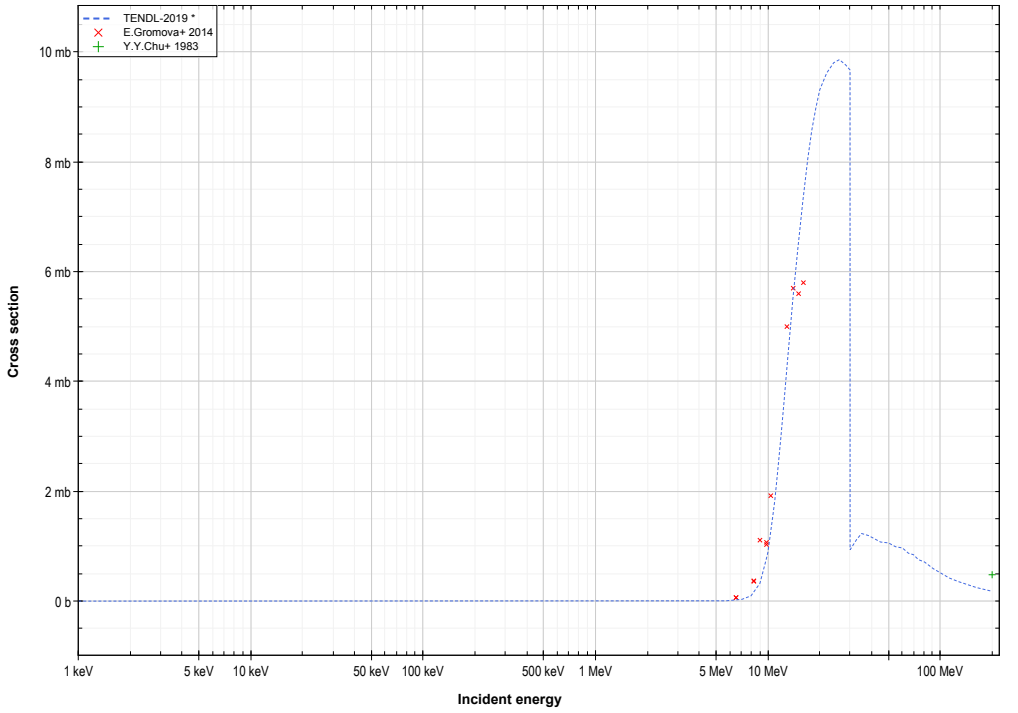


<< 90-Th-232	**92-U-235**	92-U-236 >>
<< 92-U-234 MT18 (p,fission)	**MT4 (p,n) or MT5 (Np235 production)**	MT16 (p,2n) >>

U235 (p,n) or Np235 production log-log



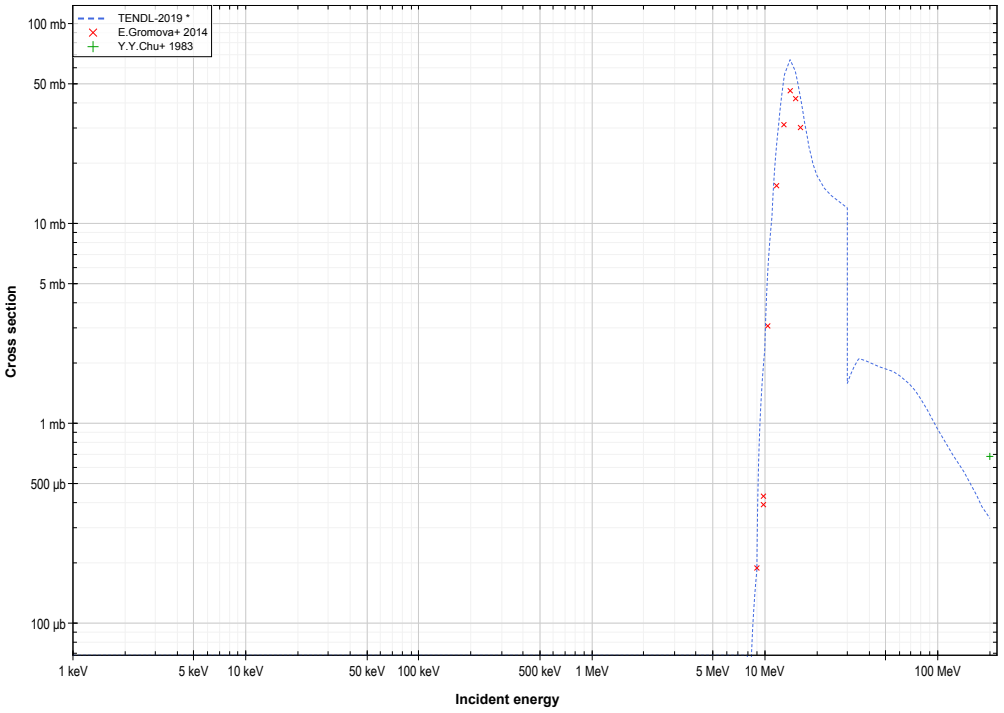
U235 (p,n) or Np235 production lin-log



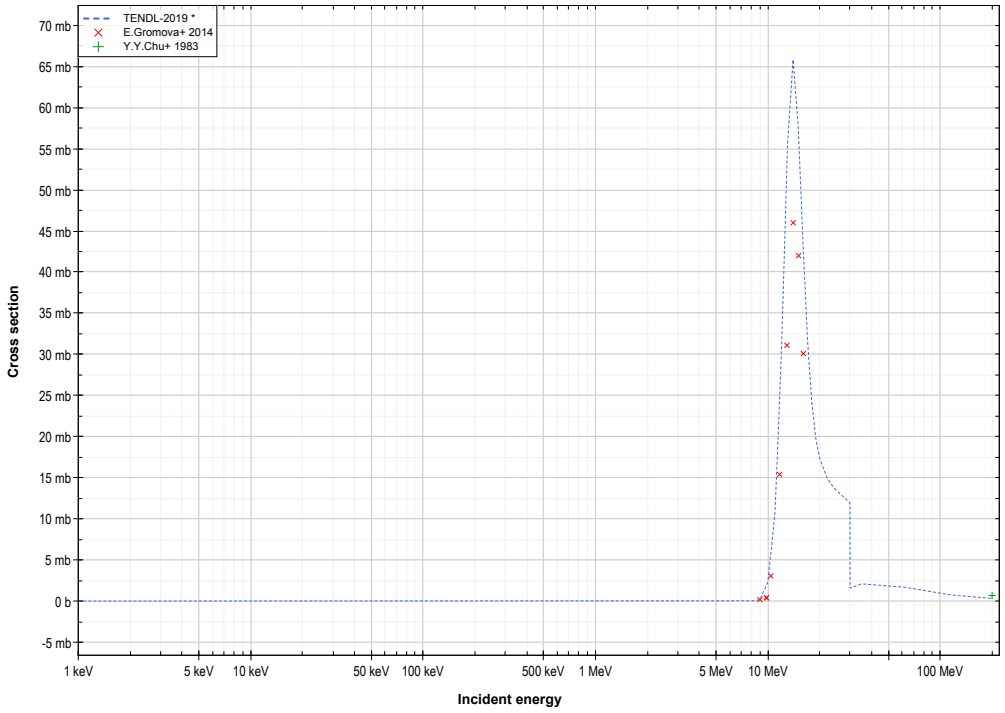
Reaction	Q-Value
U235(p,n)Np235	-906.65 keV

<< 91-Pa-231	**92-U-235**	92-U-236 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Np234 production)**	MT17 (p,3n) >>

U235 (p,2n) or Np234 production log-log



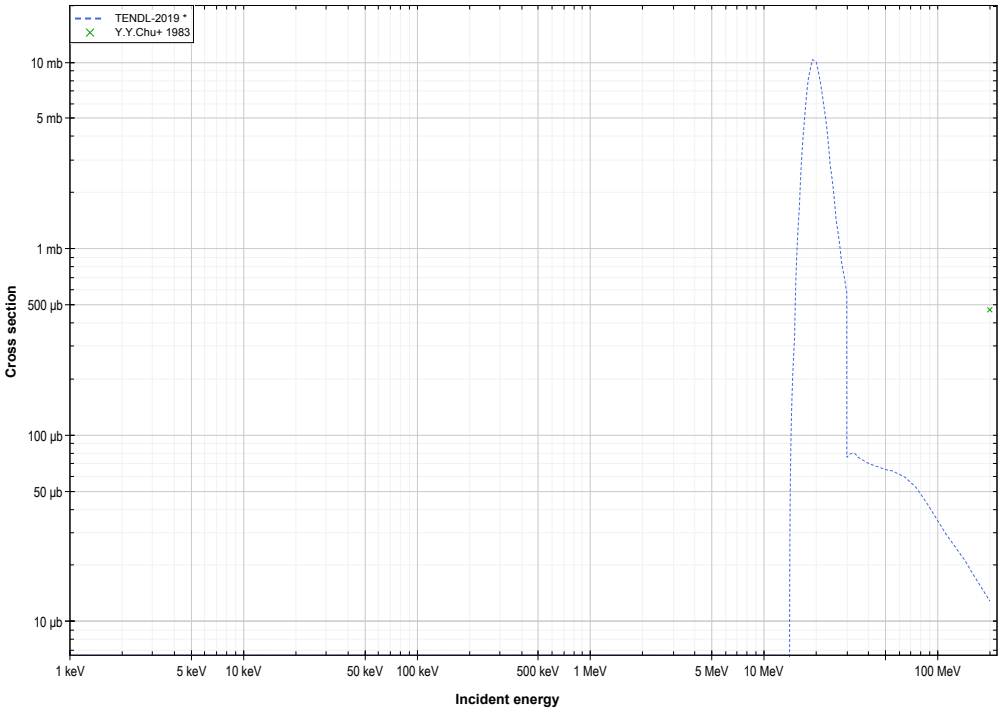
U235 (p,2n) or Np234 production lin-log



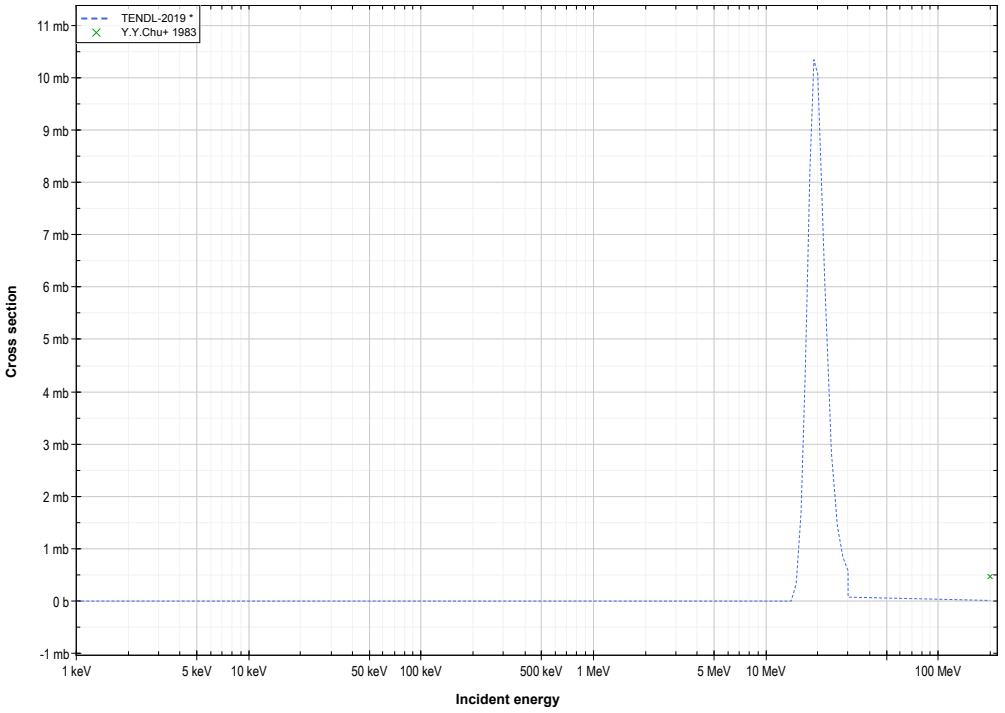
Reaction	Q-Value
U235(p,2n)Np234	-7889.86 keV

<< 90-Th-232	**92-U-235**	92-U-236 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Np233 production)**	MT18 (p,fission) >>

U235 (p,3n) or Np233 production log-log



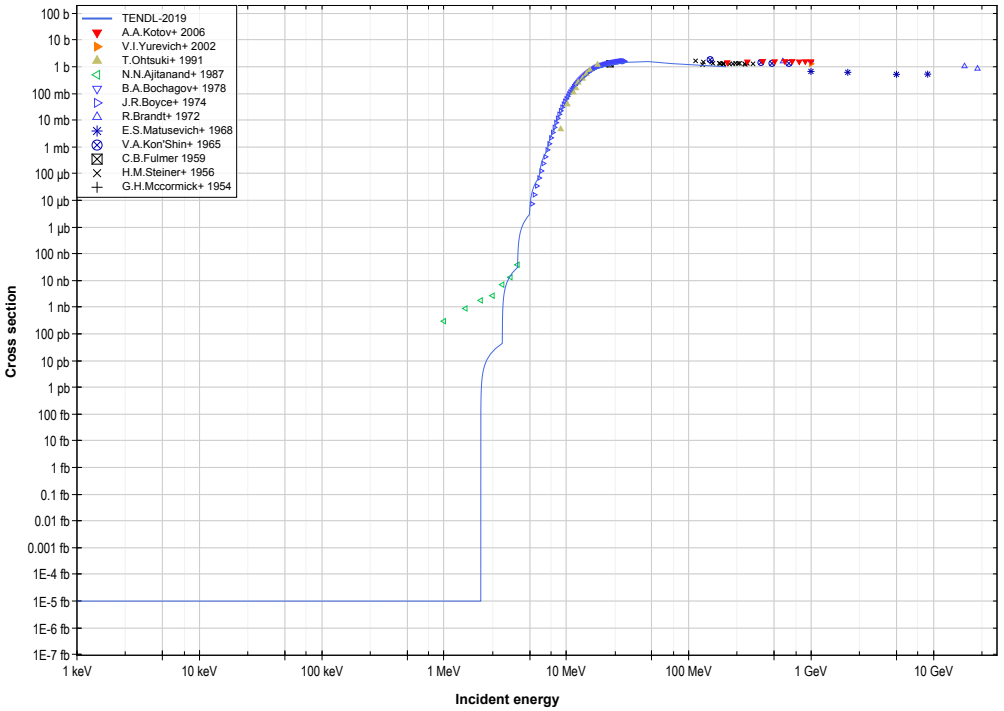
U235 (p,3n) or Np233 production lin-log



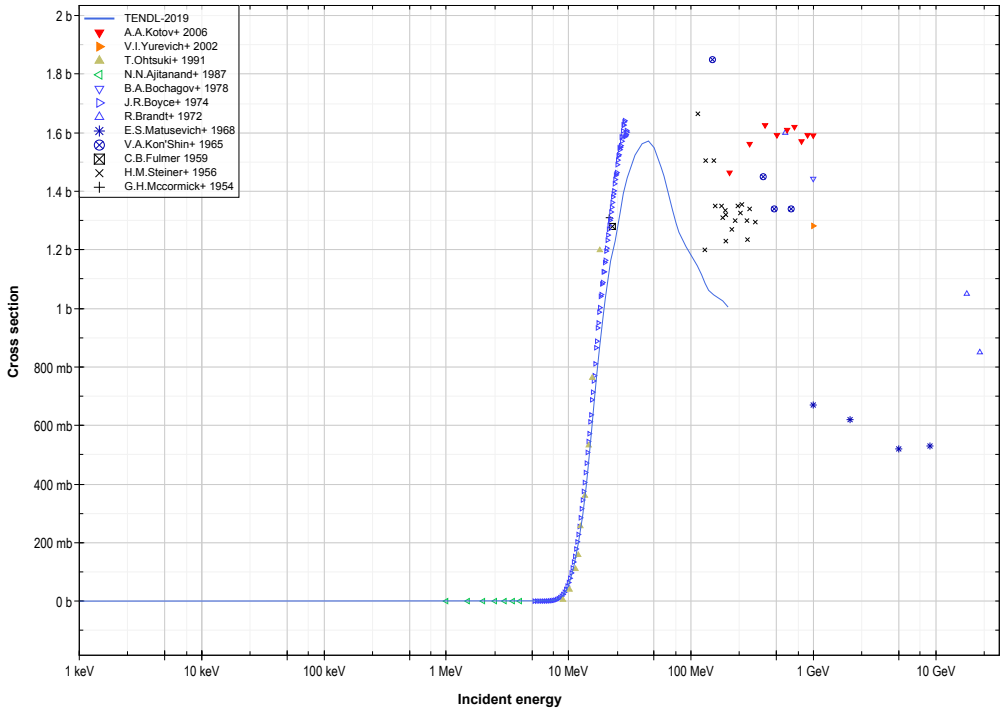
Reaction	Q-Value
U235(p,3n)Np233	-13956.18 keV

<< 92-U-234	**92-U-235**	92-U-236 >>
<< MT17 (p,3n)	**MT18 (p,fission)**	MT37 (p,4n) >>

U235 (p,fission) log-log

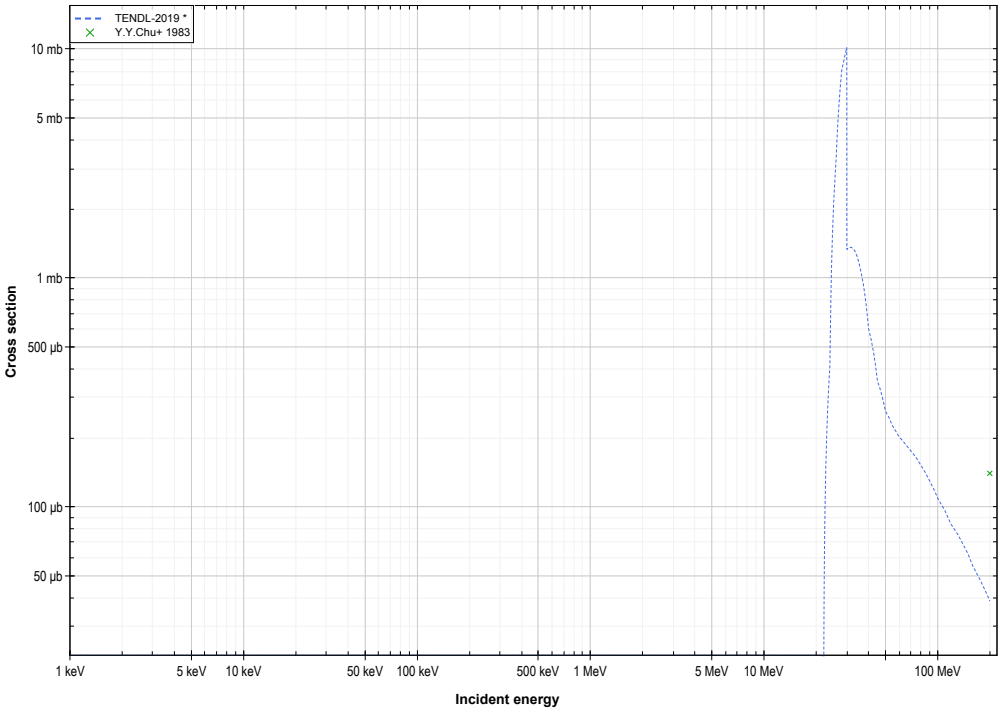


U235 (p,fission) lin-log

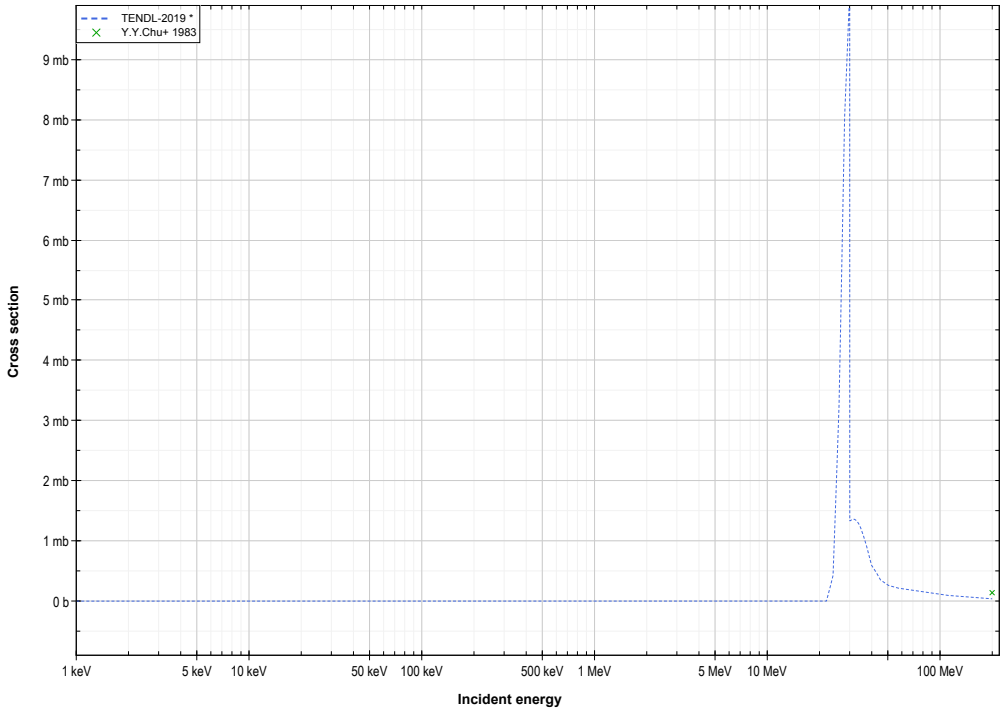


<< 90-Th-232	**92-U-235**	92-U-238 >>
<< MT18 (p,fission)	**MT37 (p,4n) or MT5 (Np232 production)**	MT102 (p,γ) >>

U235 (p,4n) or Np232 production log-log



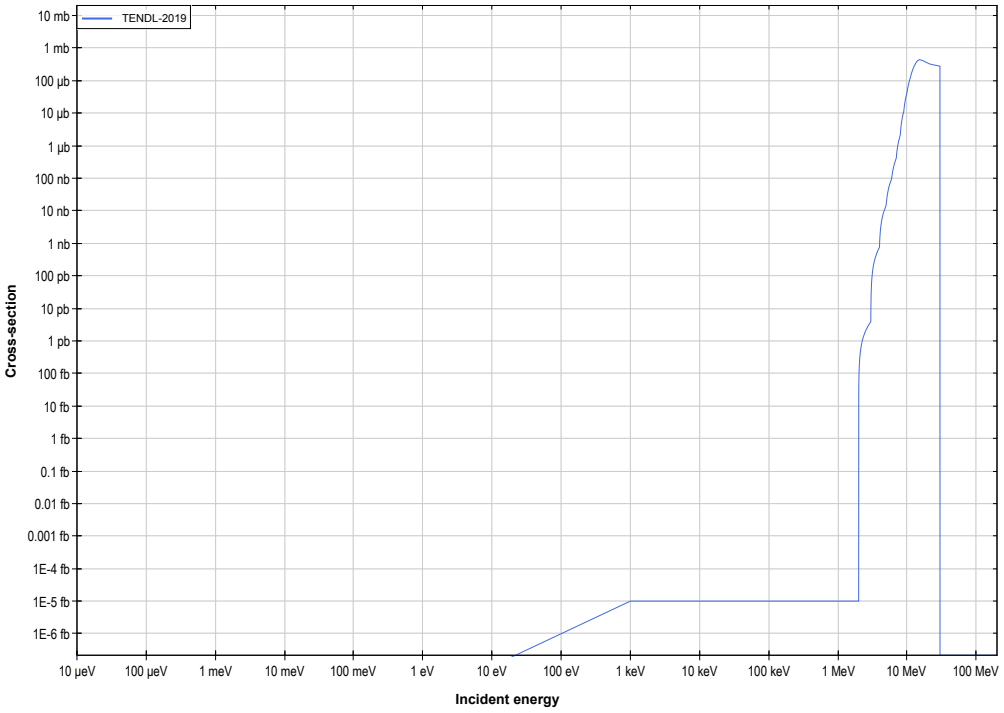
U235 (p,4n) or Np232 production lin-log



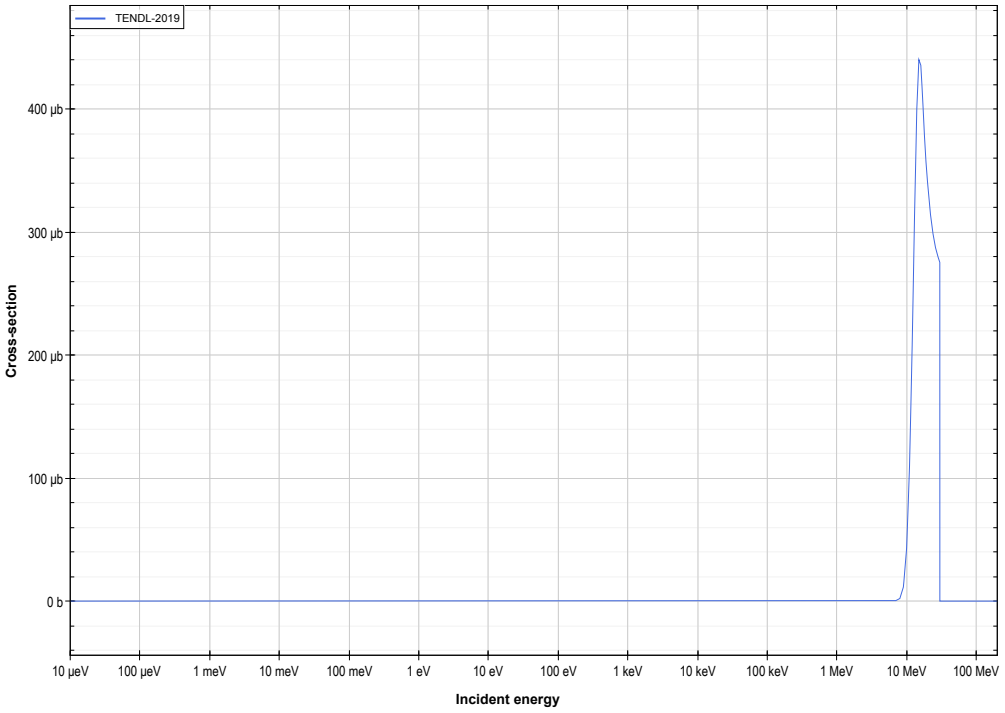
Reaction	Q-Value
U235(p,4n)Np232	-21437.50 keV

<< 90-Th-232	**92-U-235**	92-U-238 >>
<< MT37 (p,4n)	**MT102 (p,γ) or MT5 (Np236 production)**	MT103 (p,p) >>

U235 (p,γ) or Np236 production log-log



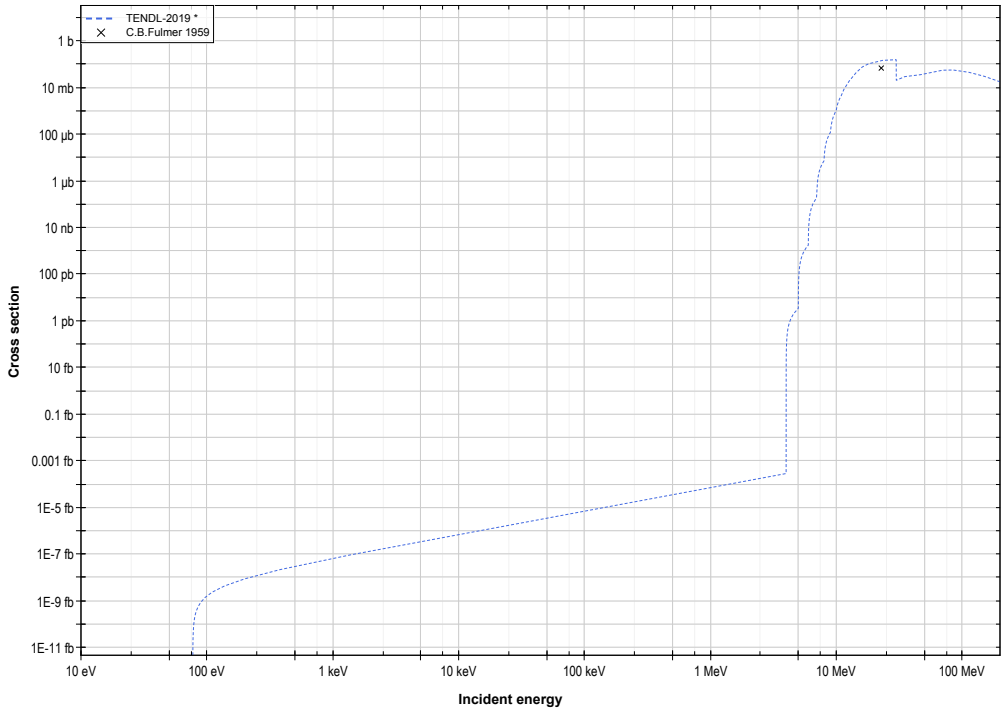
U235 (p,γ) or Np236 production lin-log



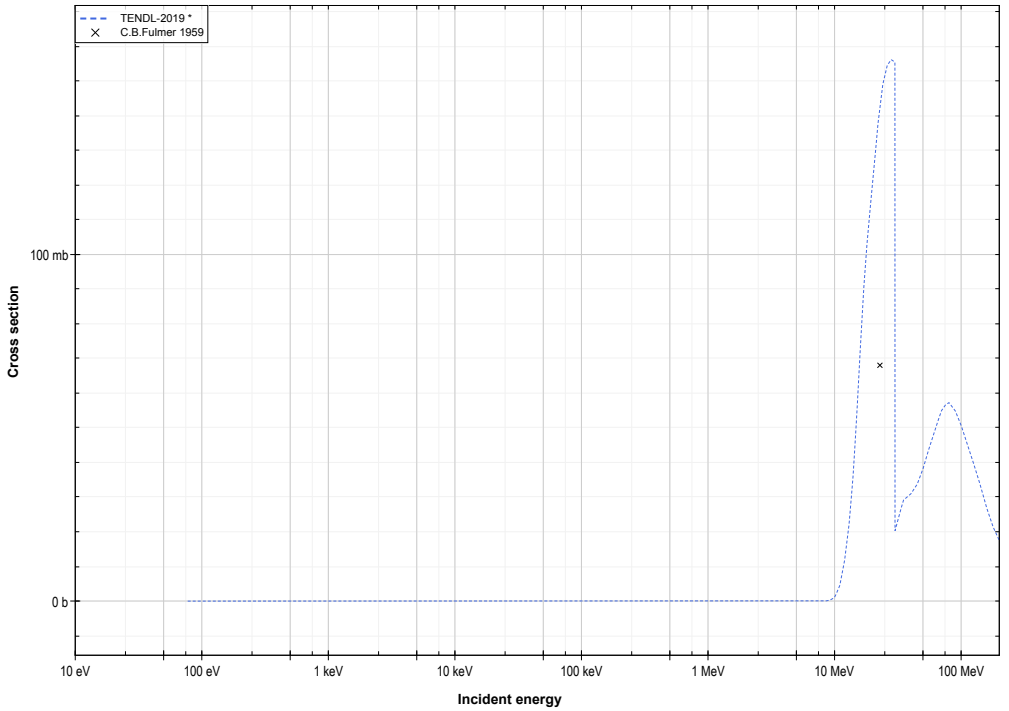
Reaction	Q-Value
U235(p,γ)Np236	4827.77 keV

<< 67-Ho-165	**92-U-235**	92-U-238 >>
<< MT102 (p,γ)	**MT103 (p,p) or MT5 (U235 production)**	MT104 (p,d) >>

U235 (p,p) or U235 production log-log



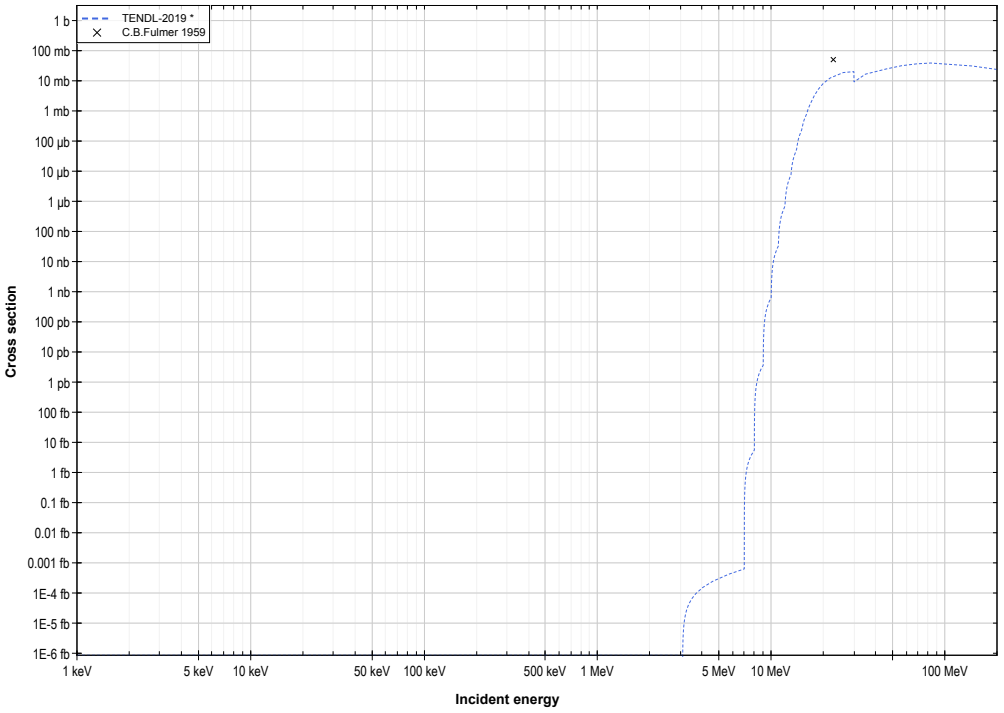
U235 (p,p) or U235 production lin-log



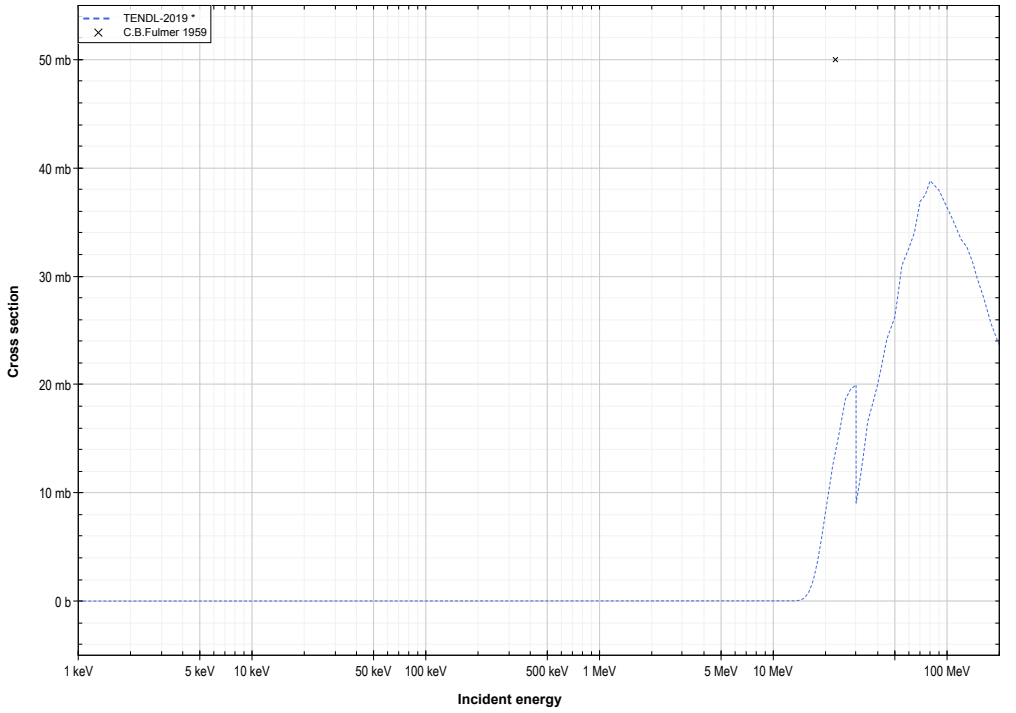
Reaction	Q-Value
U235(p,p)U235	0.00 keV

<< 90-Th-232	**92-U-235**	92-U-238 >>
<< MT103 (p,p)	**MT104 (p,d) or MT5 (U234 production)**	MT105 (p,t) >>

U235 (p,d) or U234 production log-log



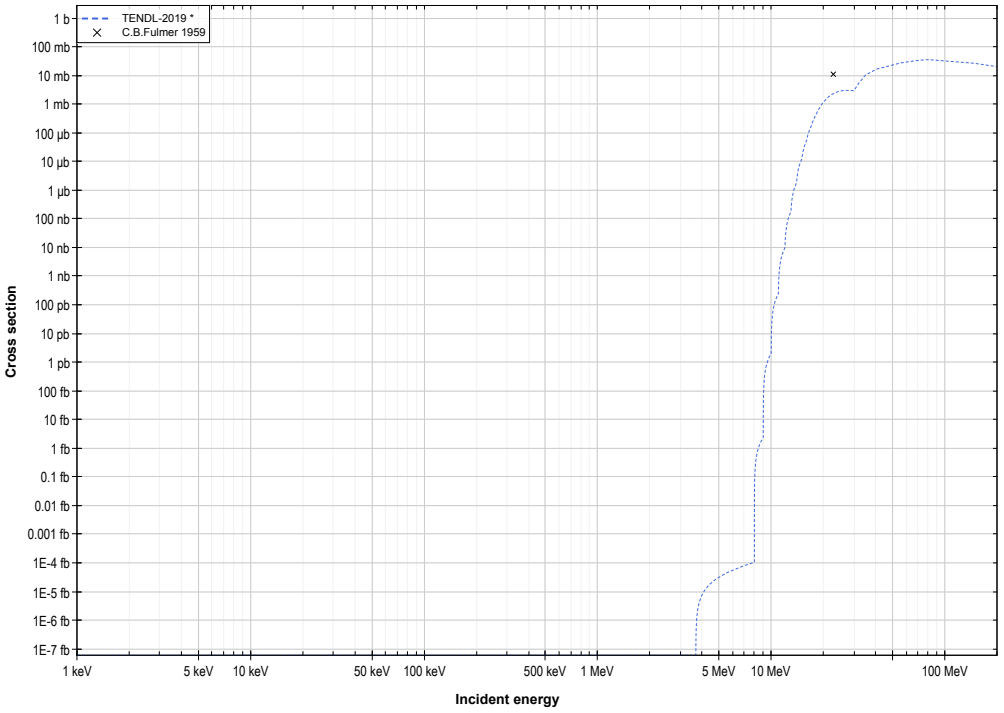
U235 (p,d) or U234 production lin-log



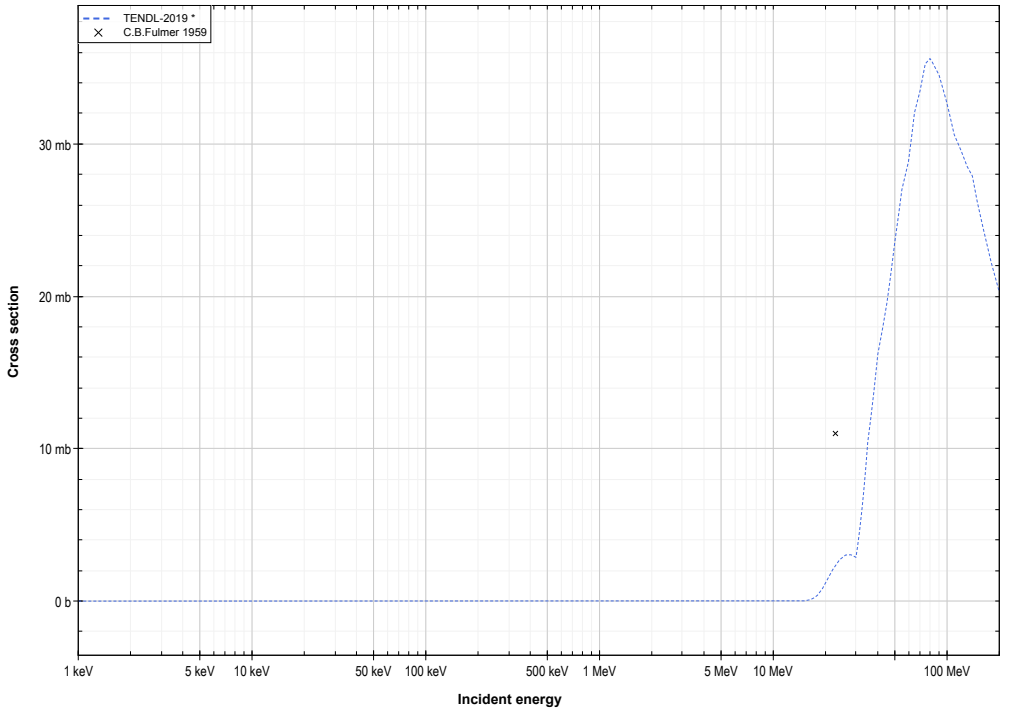
Reaction	Q-Value
U235(p,d)U234	-3072.95 keV
U235(p,n+p)U234	-5297.52 keV

<< 79-Au-197	**92-U-235**	92-U-238 >>
<< MT104 (p,d)	**MT105 (p,t) or MT5 (U233 production)**	MT107 (p,α) >>

U235 (p,t) or U233 production log-log



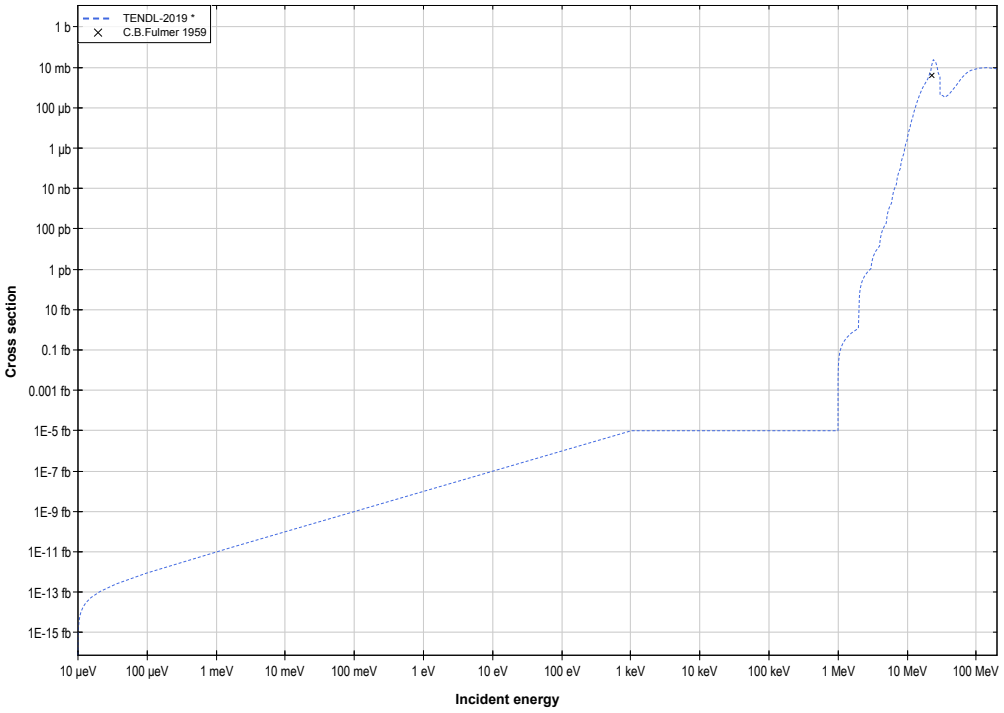
U235 (p,t) or U233 production lin-log



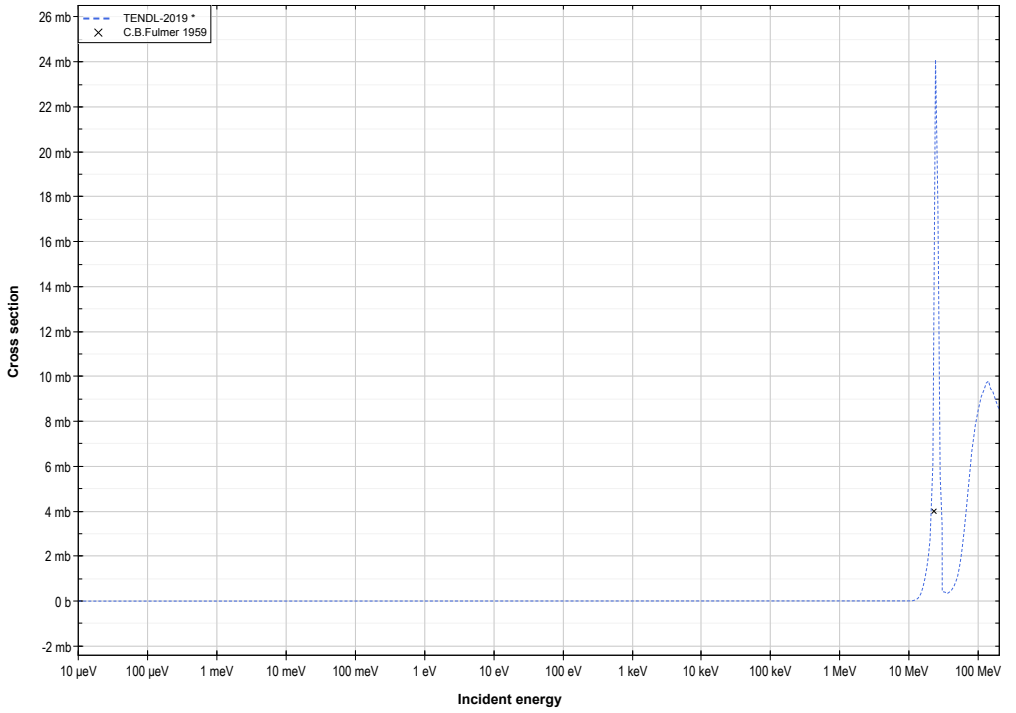
Reaction	Q-Value
U235(p,t)U233	-3661.24 keV
U235(p,n+d)U233	-9918.47 keV
U235(p,2n+p)U233	-12143.03 keV

<< 90-Th-232	**92-U-235**	92-U-238 >>
<< MT105 (p,t)	**MT107 (p,α) or MT5 (Pa232 production)**	MT152 (p,5n) >>

U235 (p,α) or Pa232 production log-log



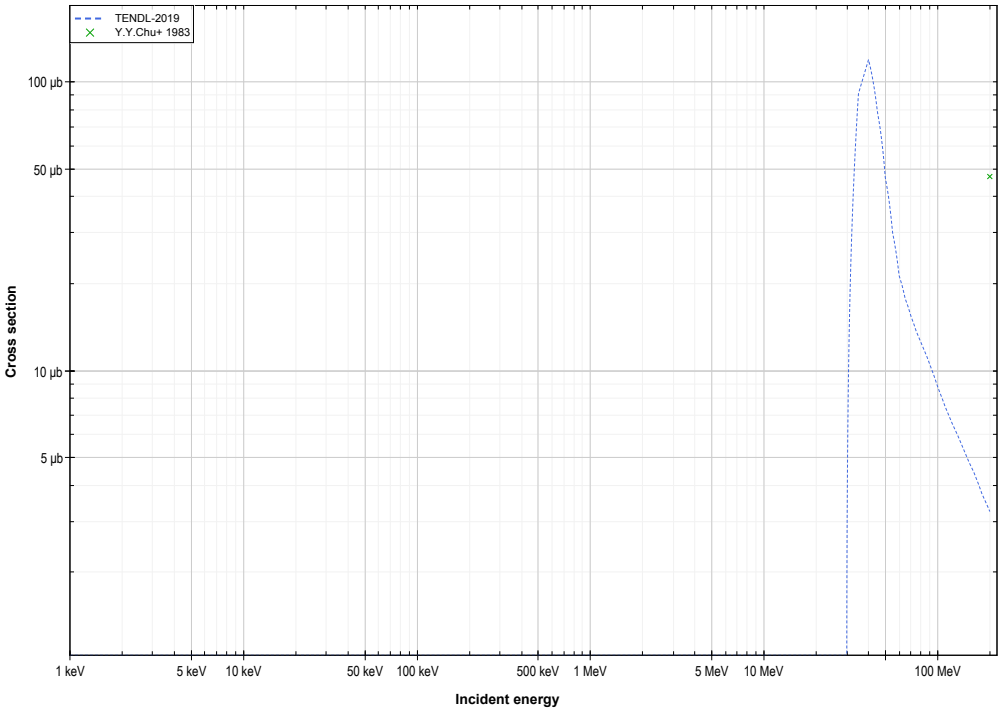
U235 (p,α) or Pa232 production lin-log



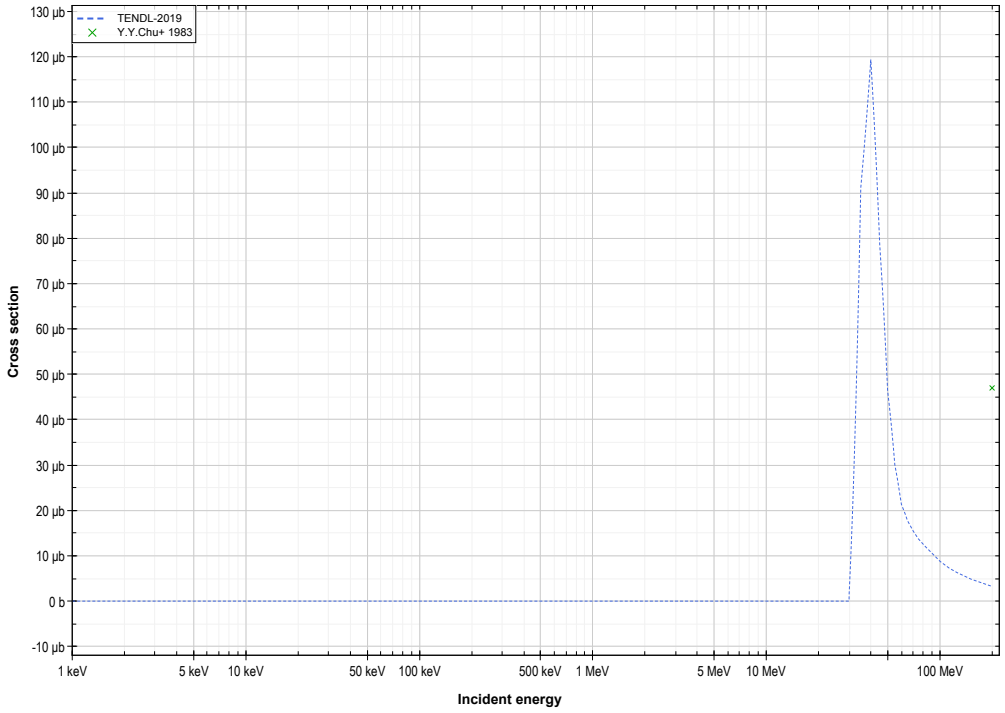
Reaction	Q-Value
U235(p,α)Pa232	9835.86 keV
U235(p,p+t)Pa232	-9978.01 keV
U235(p,n+He3)Pa232	-10741.76 keV
U235(p,2d)Pa232	-14010.67 keV
U235(p,n+p+d)Pa232	-16235.24 keV
U235(p,2n+2p)Pa232	-18459.80 keV

<< 90-Th-232	**92-U-235**	92-U-238 >>
<< MT107 (p,α)	**MT152 (p,5n) or MT5 (Np231 production)**	92-U-236 MT4 (p,n) >>

U235 (p,5n) or Np231 production log-log



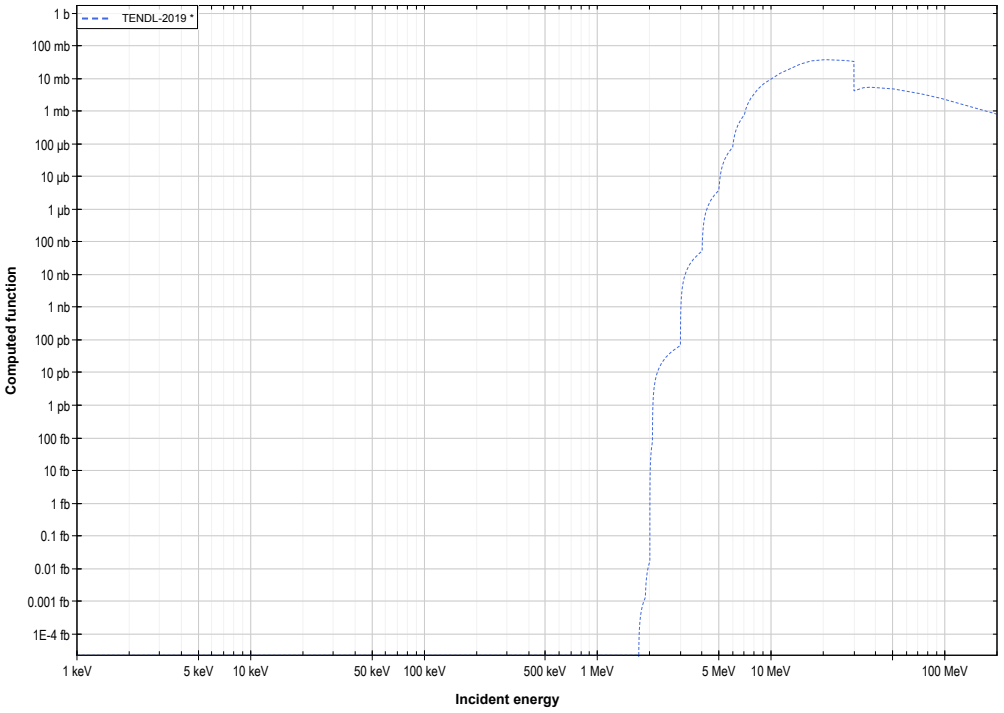
U235 (p,5n) or Np231 production lin-log



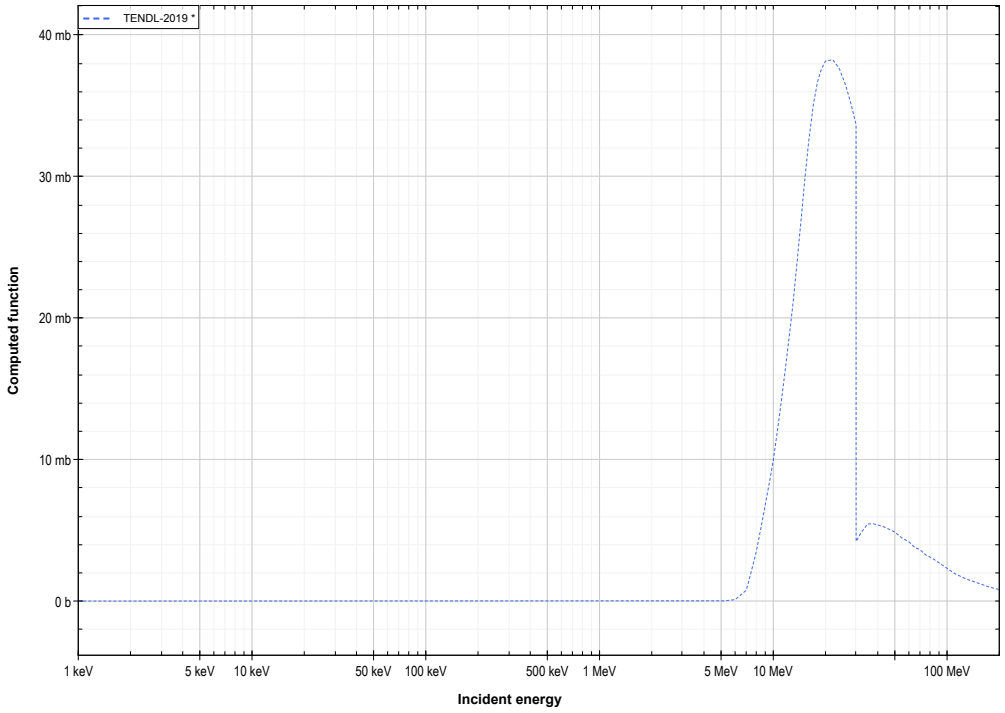
Reaction	Q-Value
U235(p,5n)Np231	-27768.81 keV

<< 92-U-235	**92-U-236**	92-U-238 >>
<< 92-U-235 MT152 (p,5n)	**MT4 (p,n) or MT5 (Np236 production)**	MT16 (p,2n) >>

U236 (p,n) or Np236 production log-log



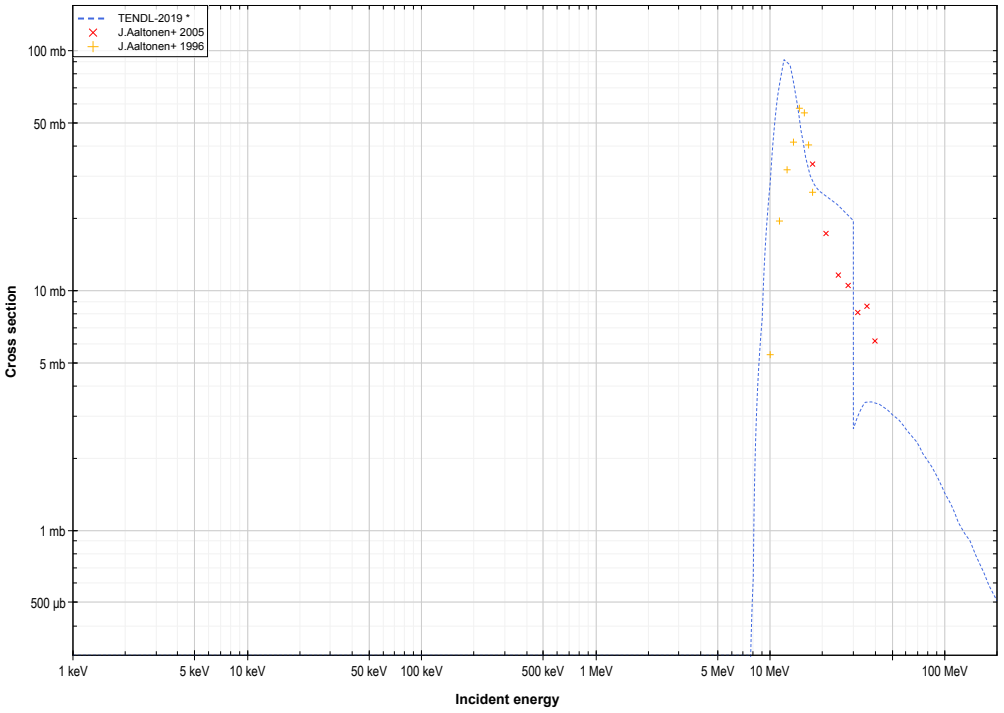
U236 (p,n) or Np236 production lin-log



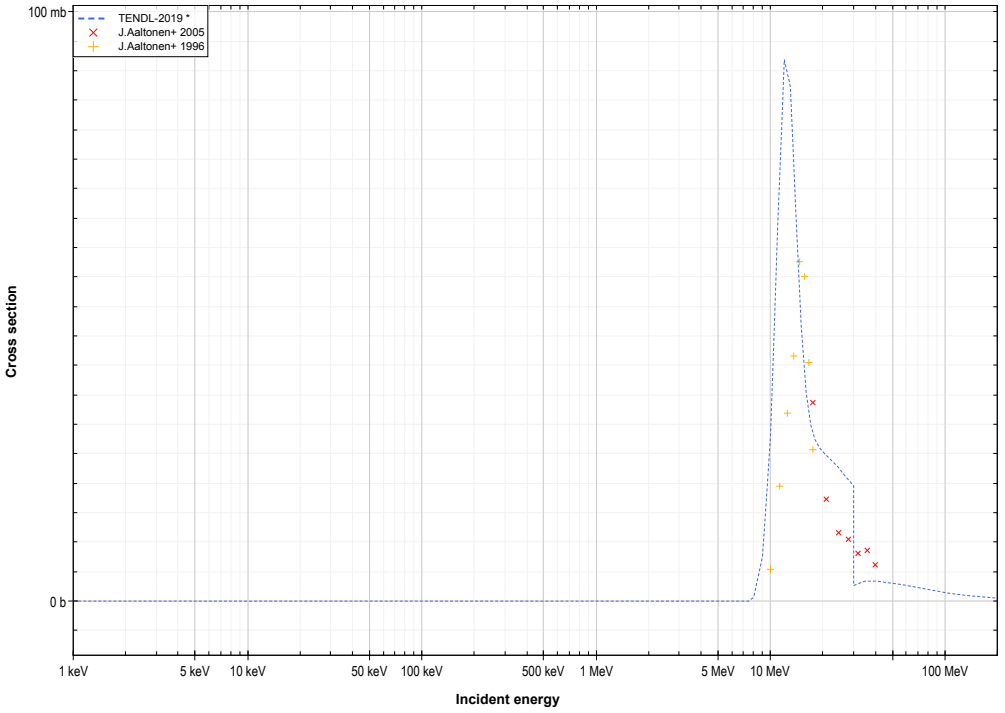
Reaction	Q-Value
U236(p,n)Np236	-1717.75 keV

<< 92-U-235	**92-U-236**	93-Np-237 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Np235 production)**	MT17 (p,3n) >>

U236 (p,2n) or Np235 production log-log



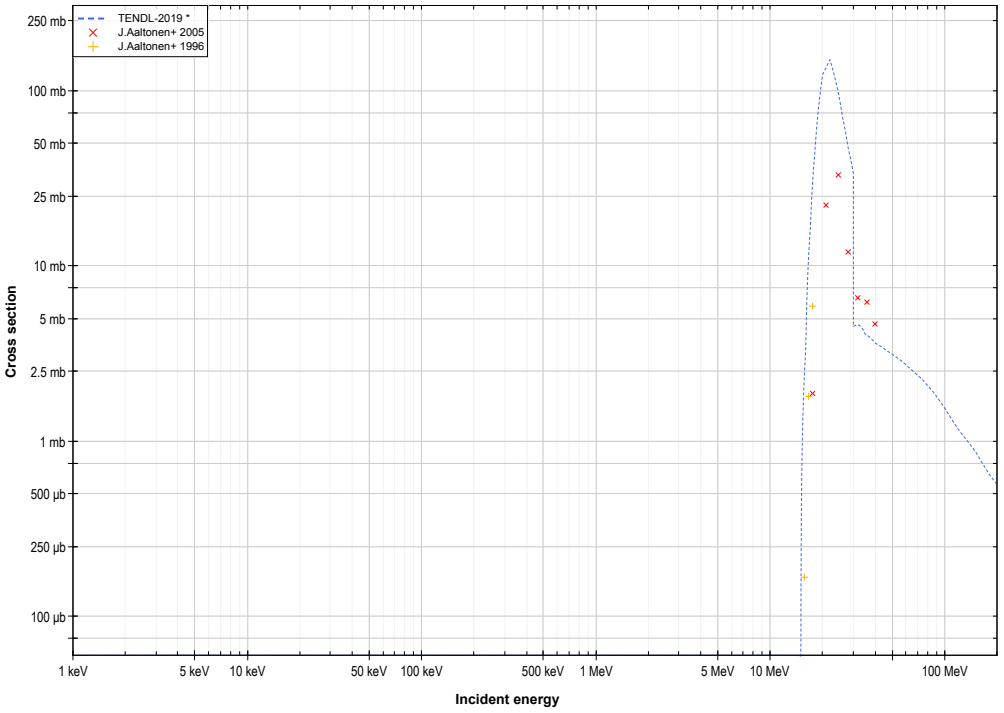
U236 (p,2n) or Np235 production lin-log



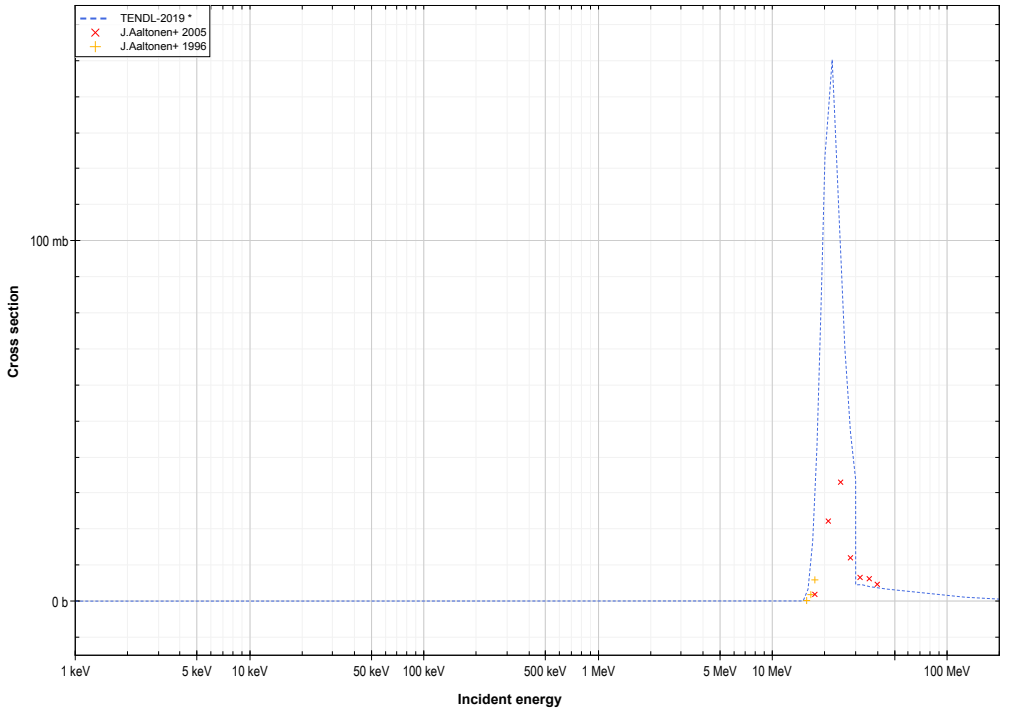
Reaction	Q-Value
U236(p,2n)Np235	-7452.16 keV

<< 92-U-235	**92-U-236**	92-U-238 >>
<< MT16 (p,2n)	**MT17 (p,3n) or MT5 (Np234 production)**	MT18 (p,fission) >>

U236 (p,3n) or Np234 production log-log



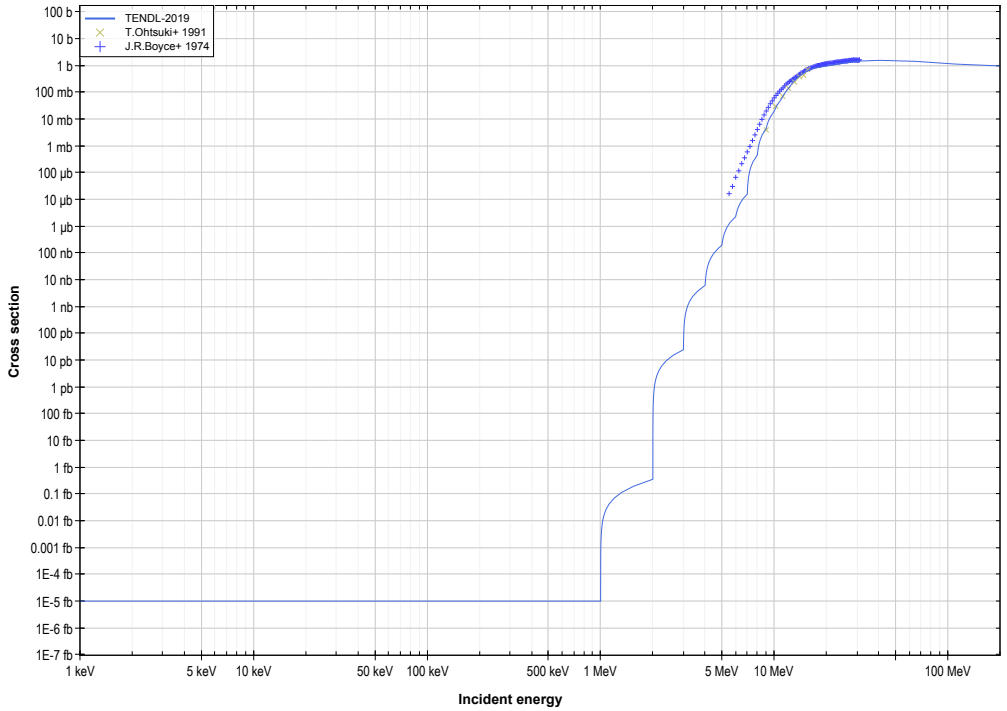
U236 (p,3n) or Np234 production lin-log



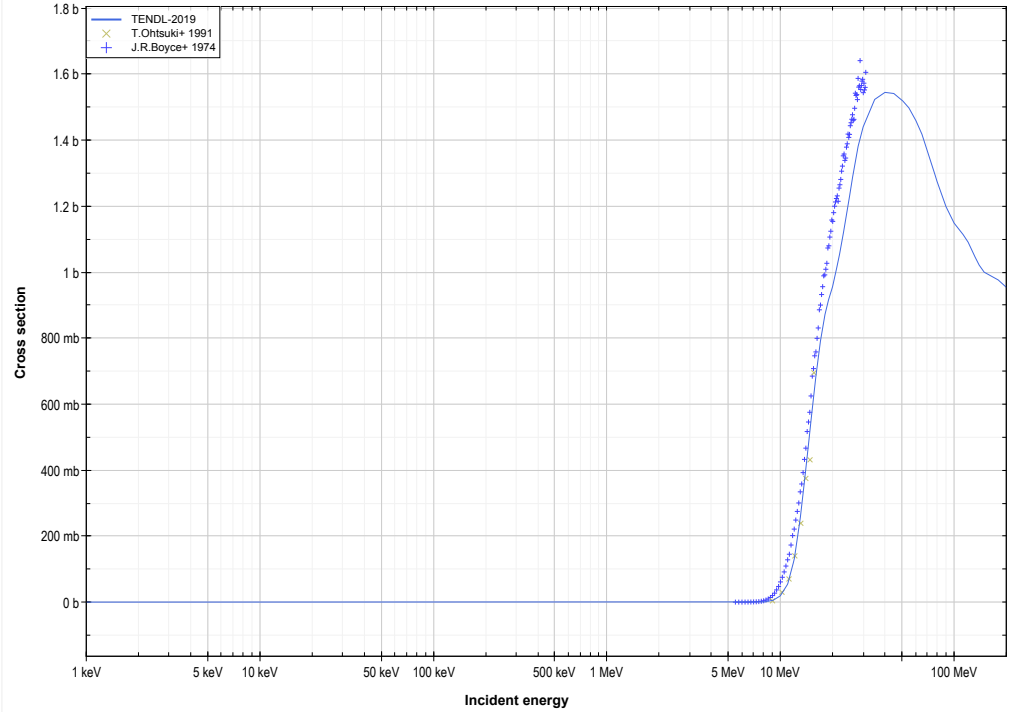
Reaction	Q-Value
U236(p,3n)Np234	-14435.38 keV

<< 92-U-235	**92-U-236**	92-U-238 >>
<< MT17 (p,3n)	**MT18 (p,fission)**	92-U-238 MT4 (p,n) >>

U236 (p,fission) log-log

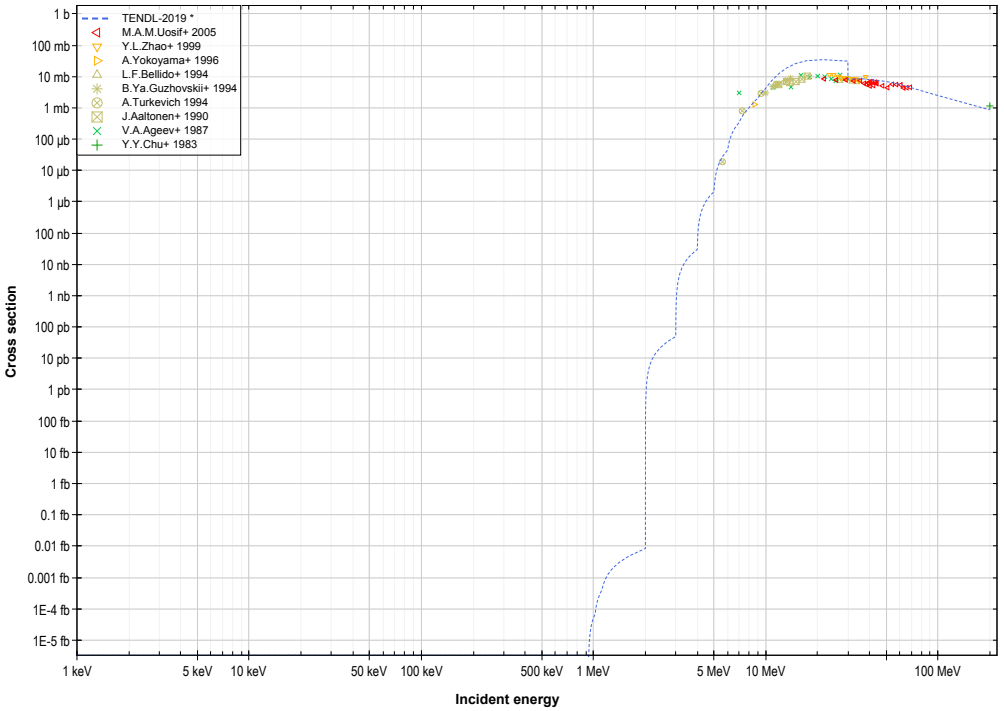


U236 (p,fission) lin-log

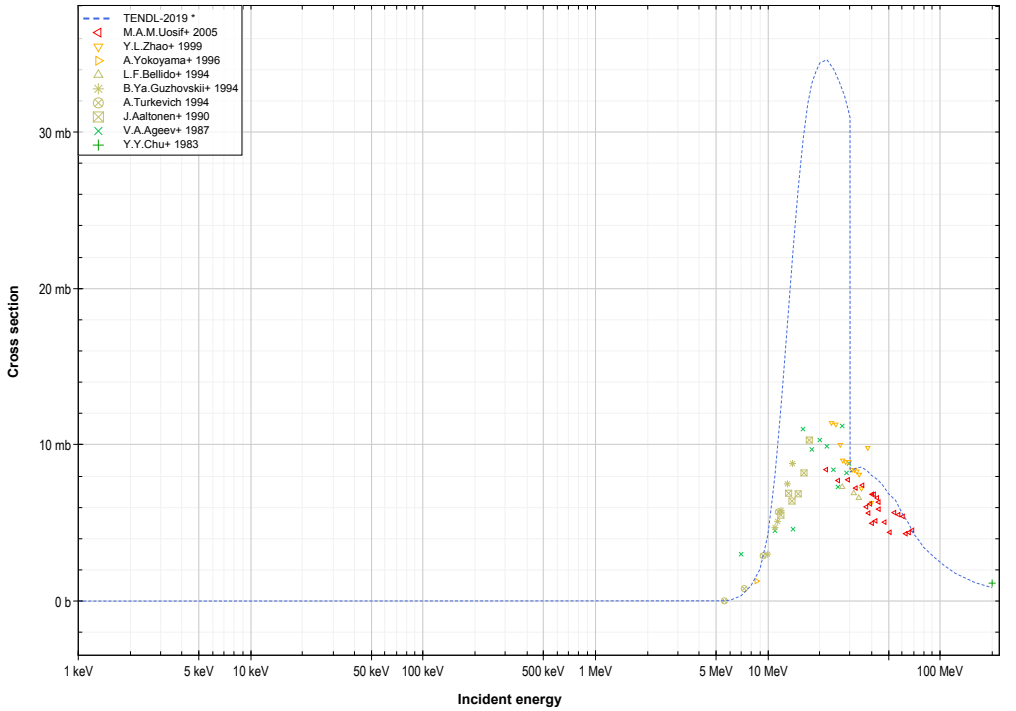


<< 92-U-236	**92-U-238**	93-Np-237 >>
<< 92-U-236 MT18 (p,fission)	**MT4 (p,n) or MT5 (Np238 production)**	MT17 (p,3n) >>

U238 (p,n) or Np238 production log-log



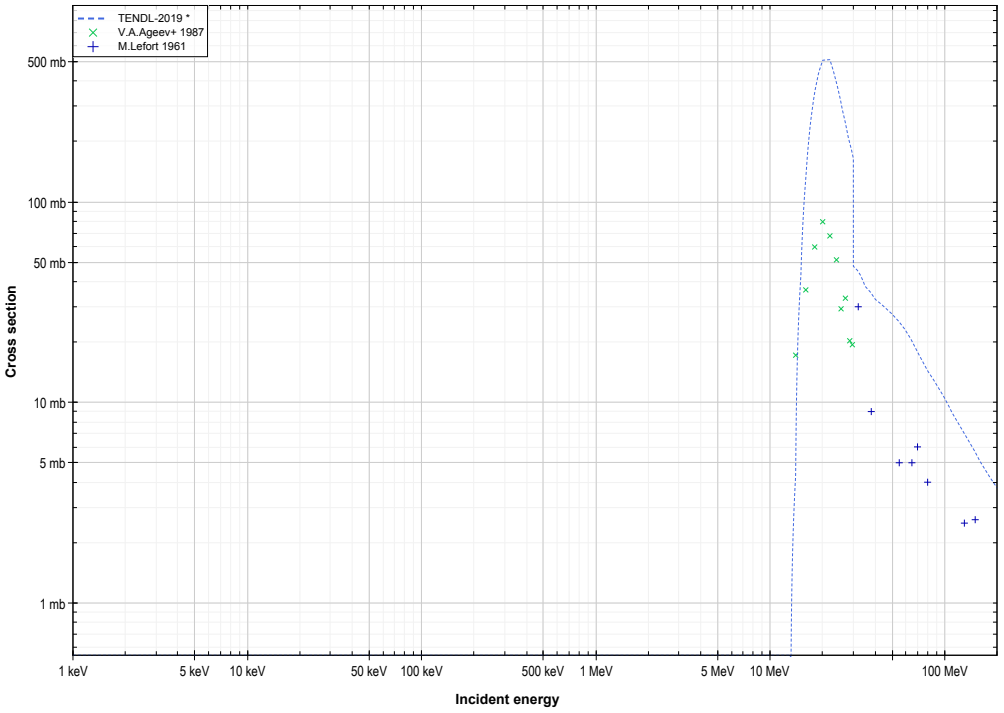
U238 (p,n) or Np238 production lin-log



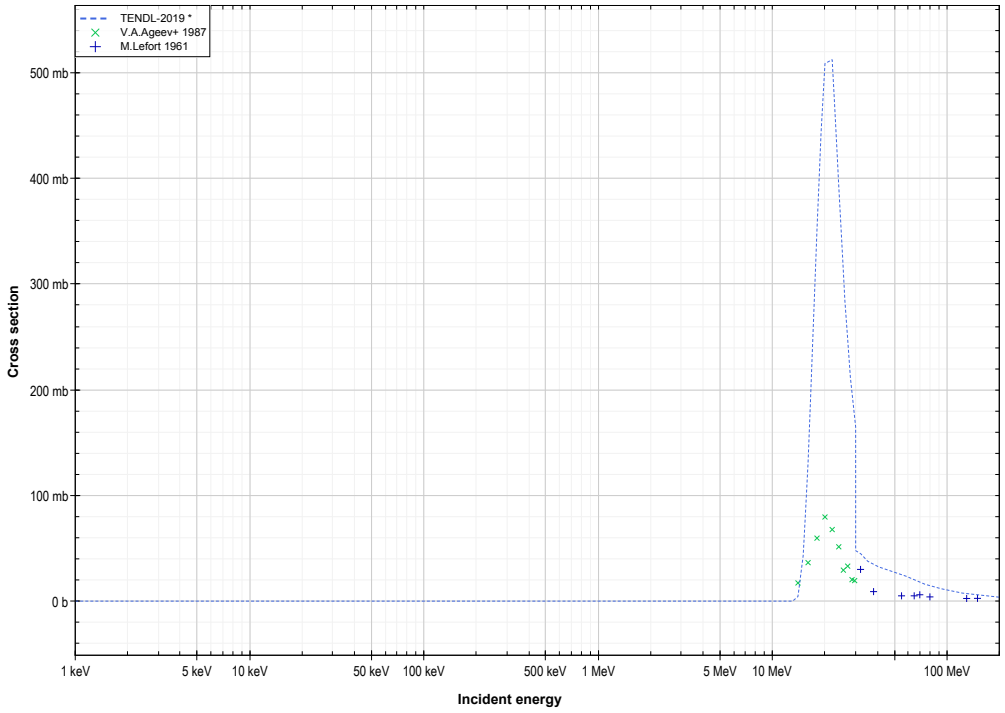
Reaction	Q-Value
U238(p,n)Np238	-929.25 keV

<< 92-U-236	**92-U-238**	94-Pu-242 >>
<< MT4 (p,n)	**MT17 (p,3n) or MT5 (Np236 production)**	MT18 (p,fission) >>

U238 (p,3n) or Np236 production log-log



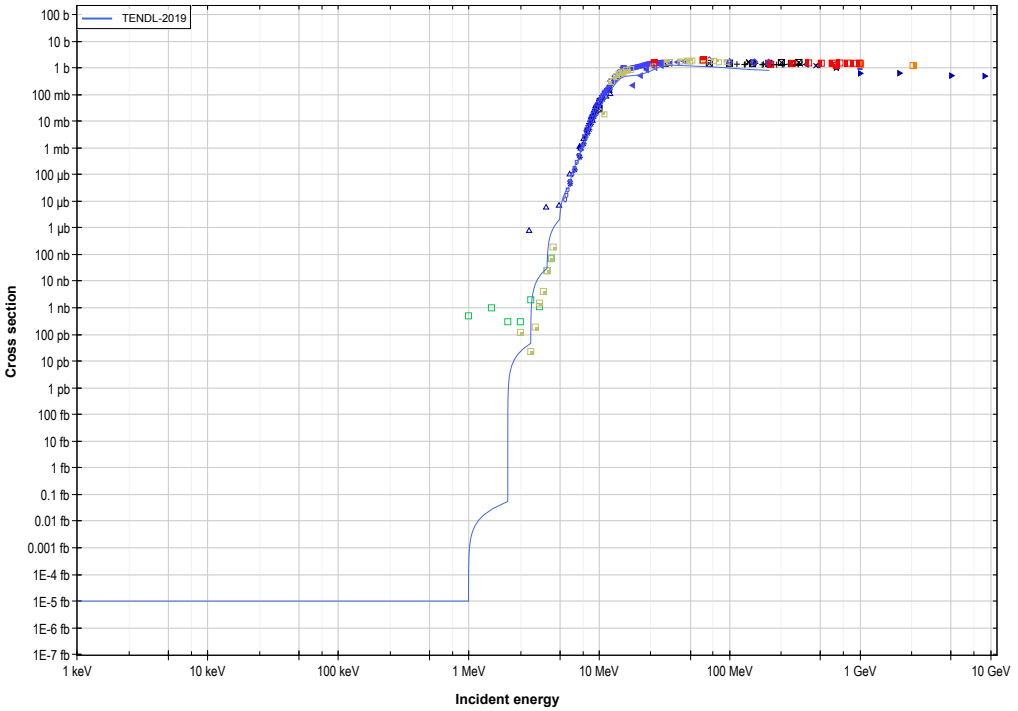
U238 (p,3n) or Np236 production lin-log



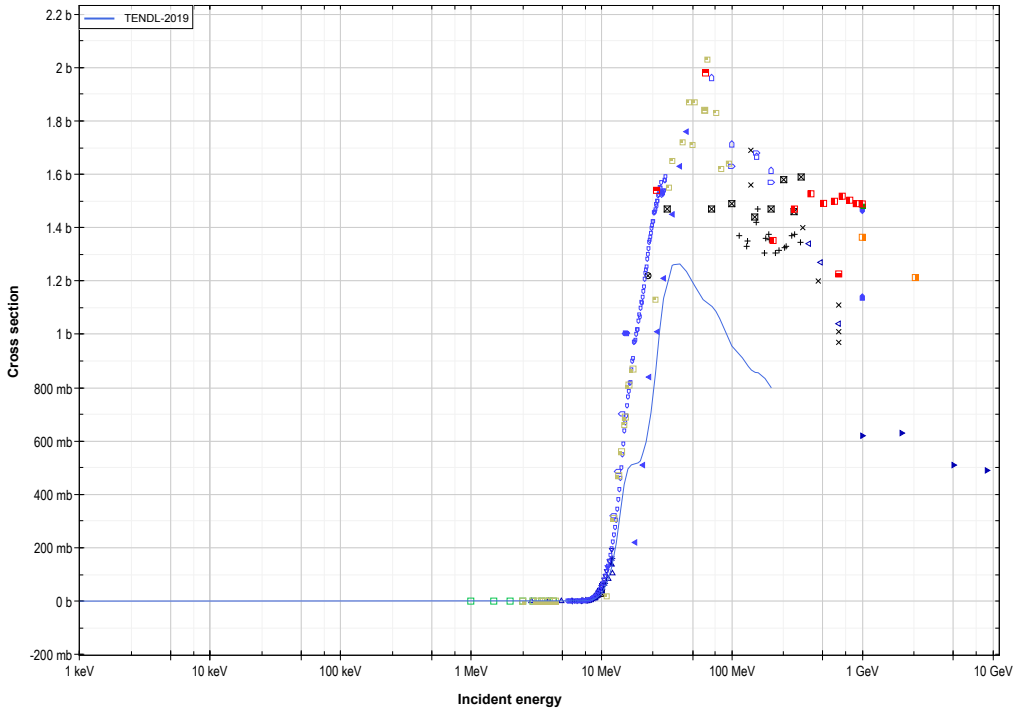
Reaction	Q-Value
U238(p,3n)Np236	-12997.18 keV

<< 92-U-236	**92-U-238**	93-Np-237 >>
<< MT17 (p,3n)	**MT18 (p,fission)**	MT24 (p,2n+α) >>

U238 (p,fission) log-log

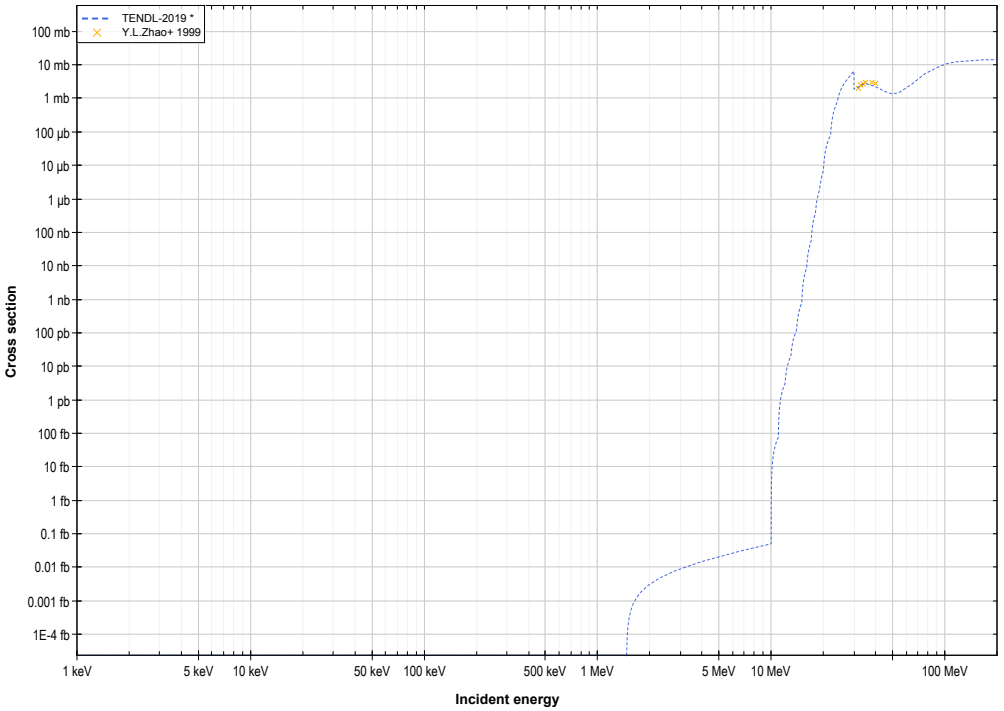


U238 (p,fission) lin-log

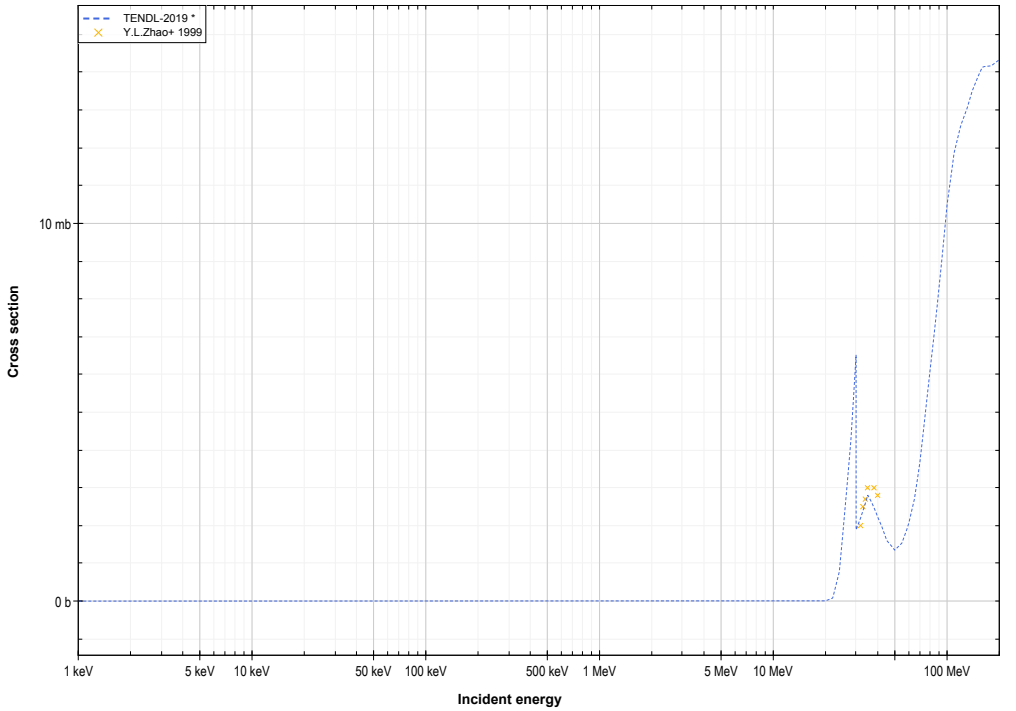


<< 90-Th-232	**92-U-238**	
<< MT18 (p,fission)	**MT24 (p,2n+α) or MT5 (Pa233 production)**	MT25 (p,3n+α) >>

U238 (p,2n+α) or Pa233 production log-log



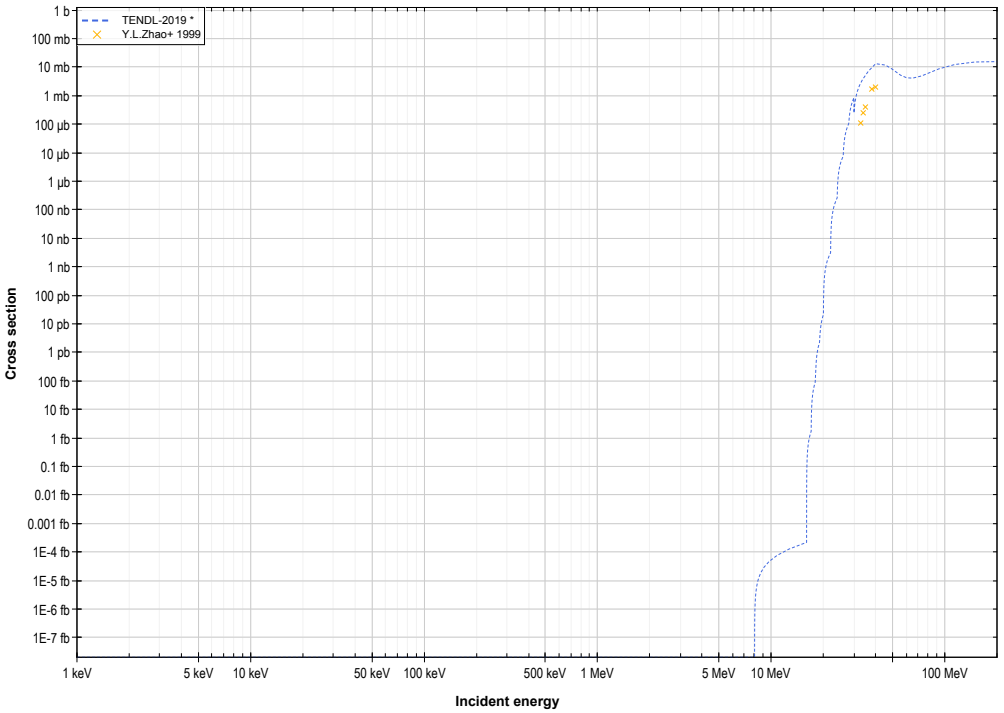
U238 (p,2n+α) or Pa233 production lin-log



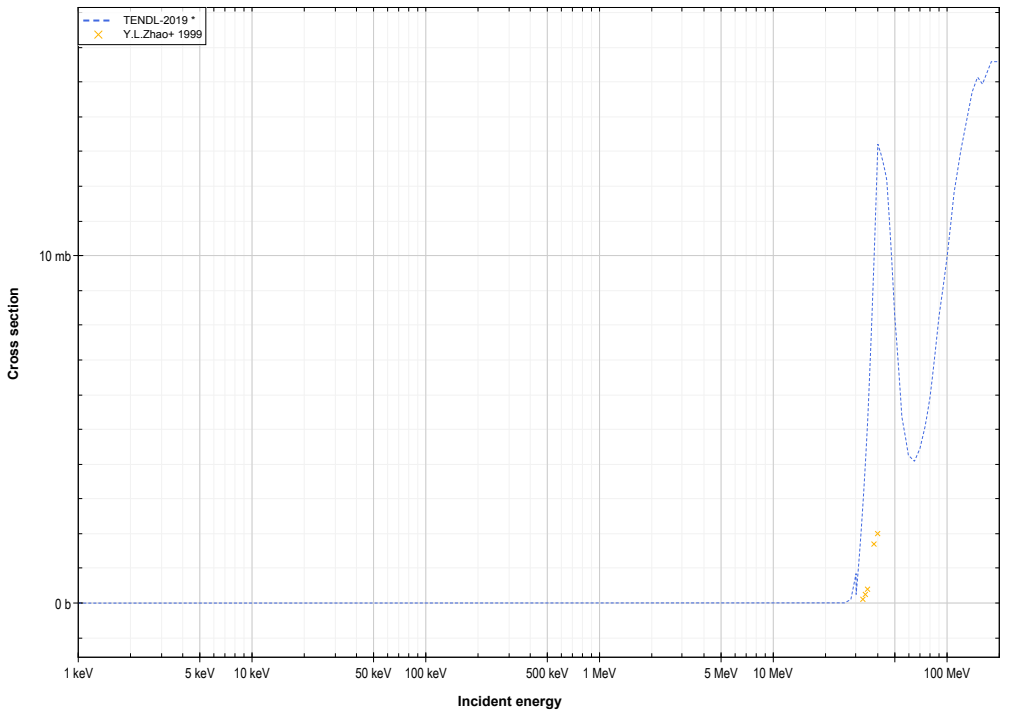
Reaction	Q-Value
U238(p,2n+α)Pa233	-1460.28 keV
U238(p,2t)Pa233	-12792.35 keV
U238(p,n+d+t)Pa233	-19049.58 keV
U238(p,2n+p+t)Pa233	-21274.14 keV
U238(p,3n+He3)Pa233	-22037.90 keV
U238(p,2n+2d)Pa233	-25306.81 keV
U238(p,3n+p+d)Pa233	-27531.37 keV
U238(p,4n+2p)Pa233	-29755.94 keV

<< 90-Th-232	**92-U-238**	
<< MT24 (p,2n+α)	**MT25 (p,3n+α) or MT5 (Pa232 production)**	MT28 (p,n+p) >>

U238 (p,3n+α) or Pa232 production log-log



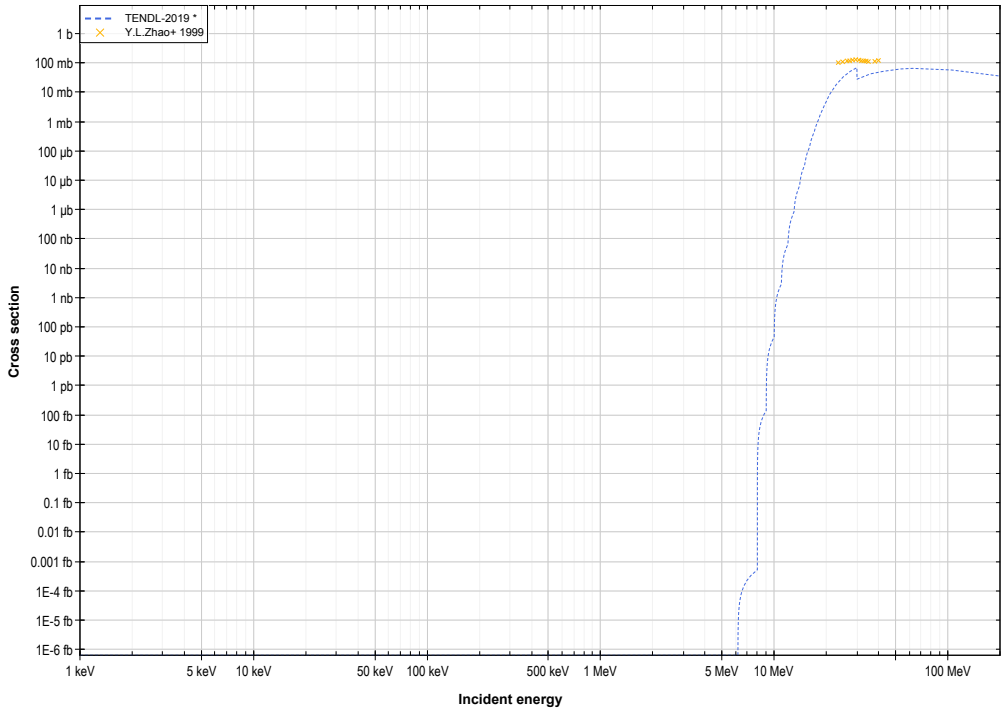
U238 (p,3n+α) or Pa232 production lin-log



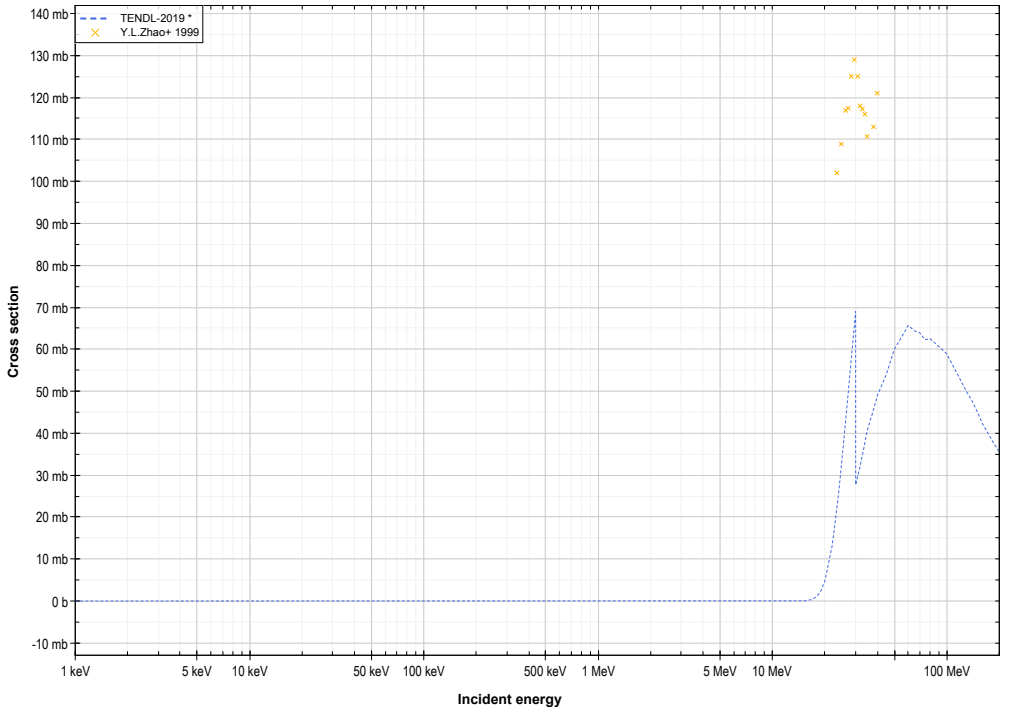
Reaction	Q-Value
U238(p,3n+α)Pa232	-7989.10 keV
U238(p,n+2t)Pa232	-19321.17 keV
U238(p,2n+d+t)Pa232	-25578.40 keV
U238(p,3n+p+t)Pa232	-27802.96 keV
U238(p,4n+He3)Pa232	-28566.72 keV
U238(p,3n+2d)Pa232	-31835.62 keV
U238(p,4n+p+d)Pa232	-34060.19 keV
U238(p,5n+2p)Pa232	-36284.76 keV

<< 90-Th-232	**92-U-238**	
<< MT25 (p,3n+α)	**MT28 (p,n+p) or MT5 (U237 production)**	MT37 (p,4n) >>

U238 (p,n+p) or U237 production log-log



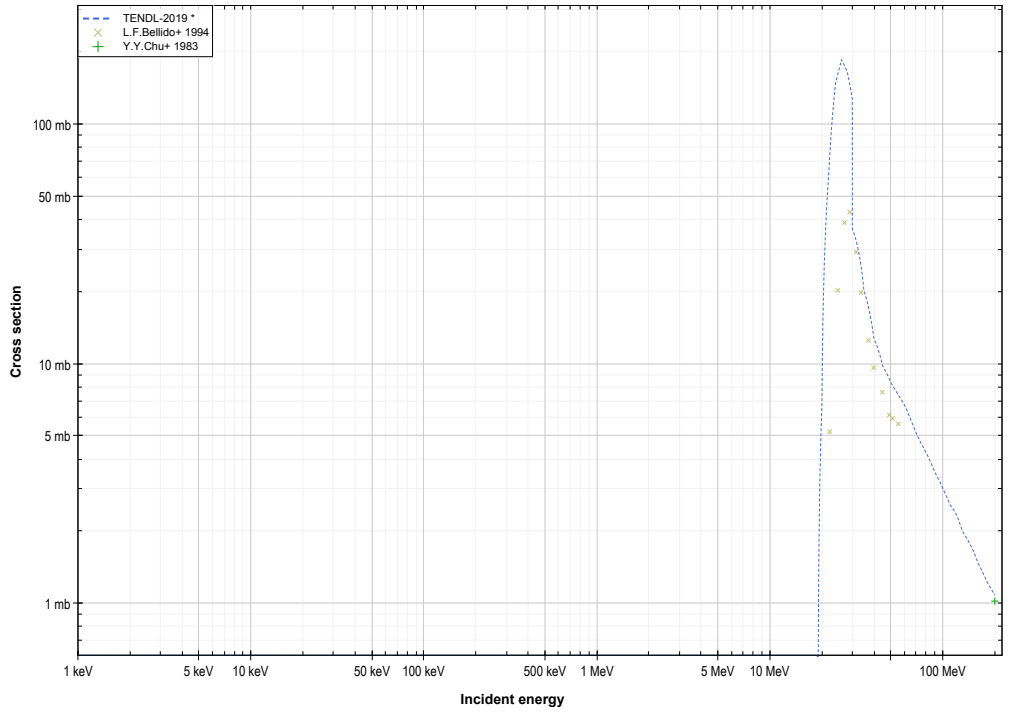
U238 (p,n+p) or U237 production lin-log



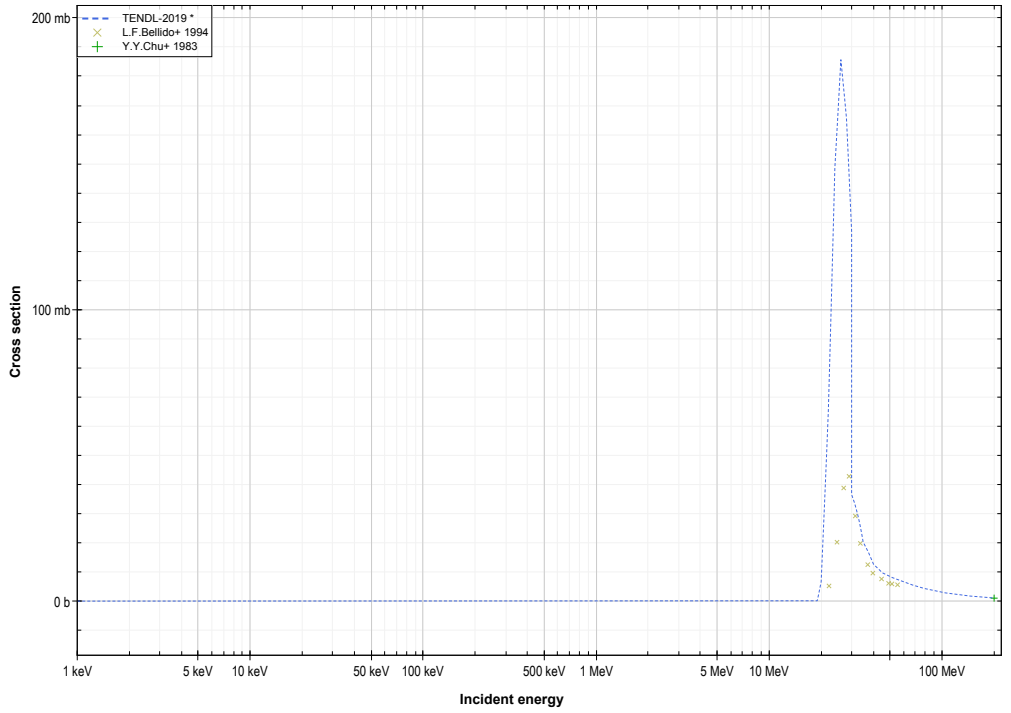
Reaction	Q-Value
U238(p,d)U237	-3929.15 keV
U238(p,n+p)U237	-6153.72 keV

<< 92-U-235	**92-U-238**	
<< MT28 (p,n+p)	**MT37 (p,4n) or MT5 (Np235 production)**	MT102 (p,γ) >>

U238 (p,4n) or Np235 production log-log



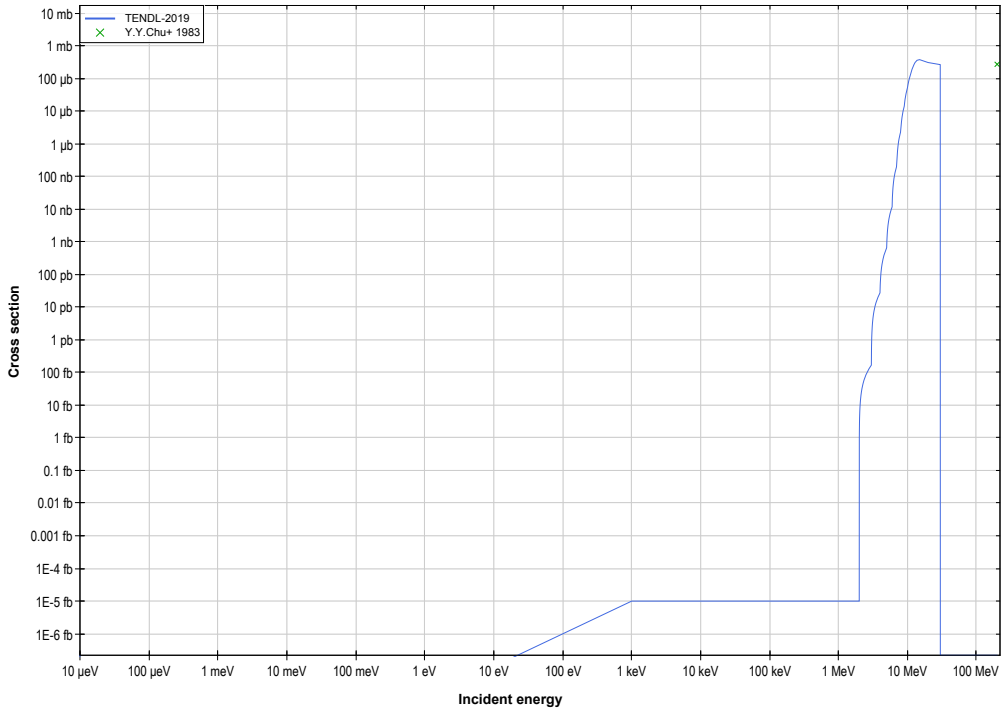
U238 (p,4n) or Np235 production lin-log



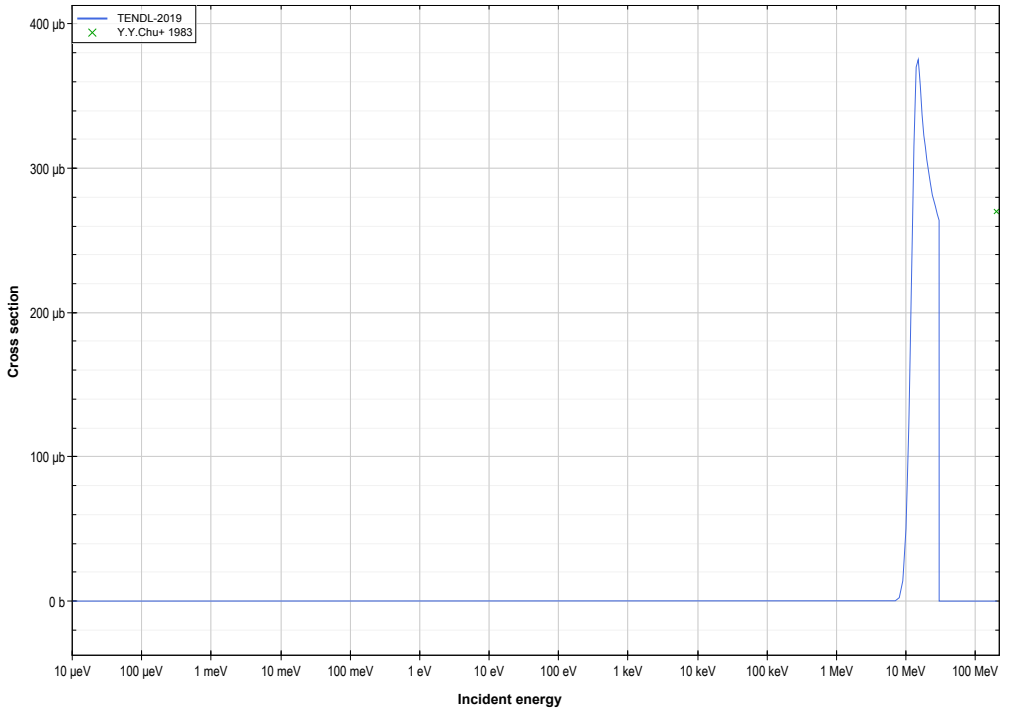
Reaction	Q-Value
U238(p,4n)Np235	-18731.60 keV

<< 92-U-235	**92-U-238**	
<< MT37 (p,4n)	**MT102 (p,γ) or MT5 (Np239 production)**	MT103 (p,p) >>

U238 (p,γ) or Np239 production log-log



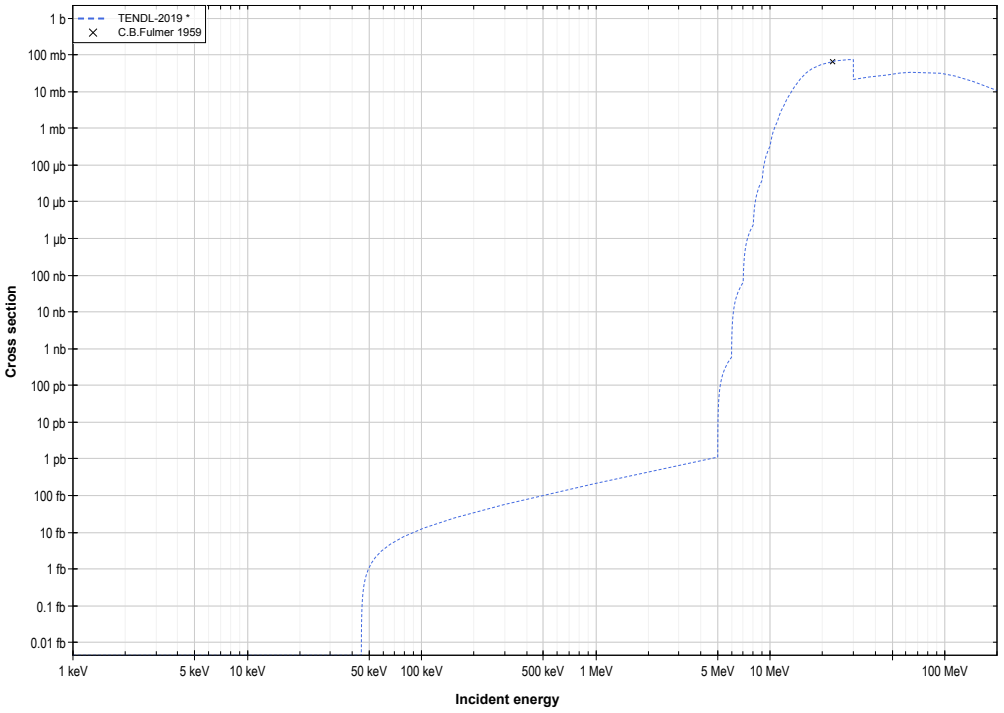
U238 (p,γ) or Np239 production lin-log



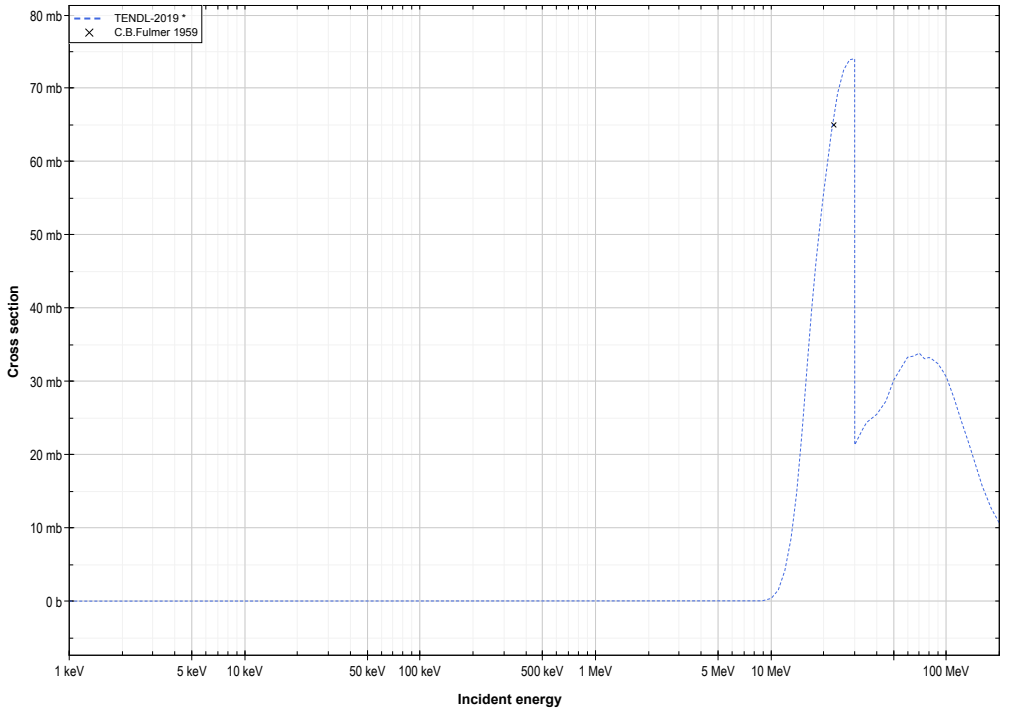
Reaction	Q-Value
U238(p,γ)Np239	5285.67 keV

<< 92-U-235	**92-U-238**	
<< MT102 (p,γ)	**MT103 (p,p) or MT5 (U238 production)**	MT104 (p,d) >>

U238 (p,p) or U238 production log-log



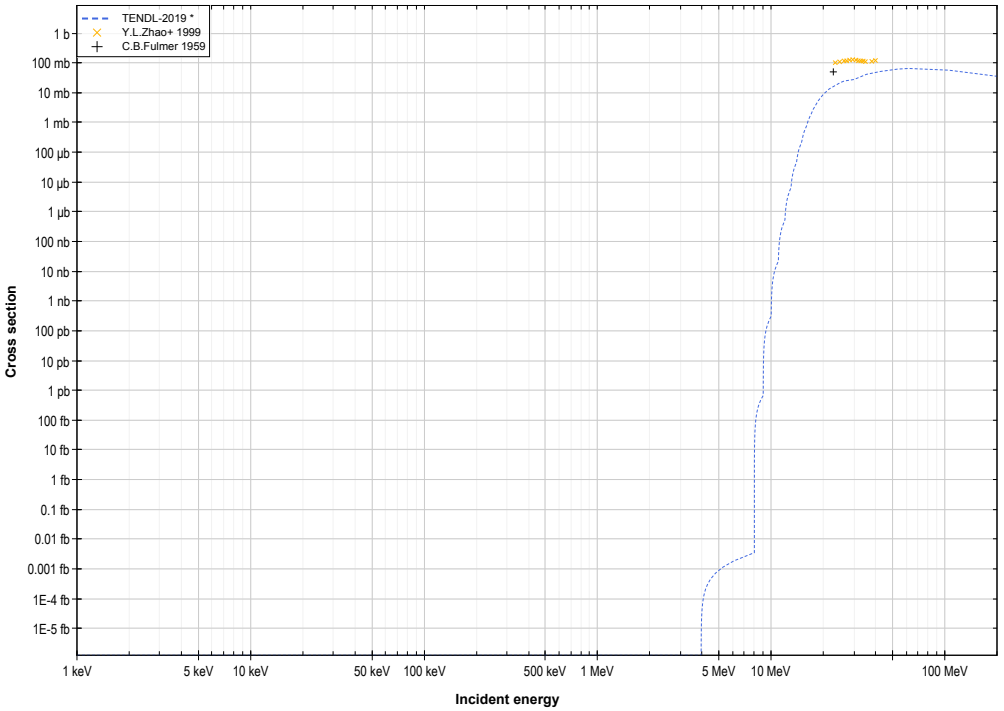
U238 (p,p) or U238 production lin-log



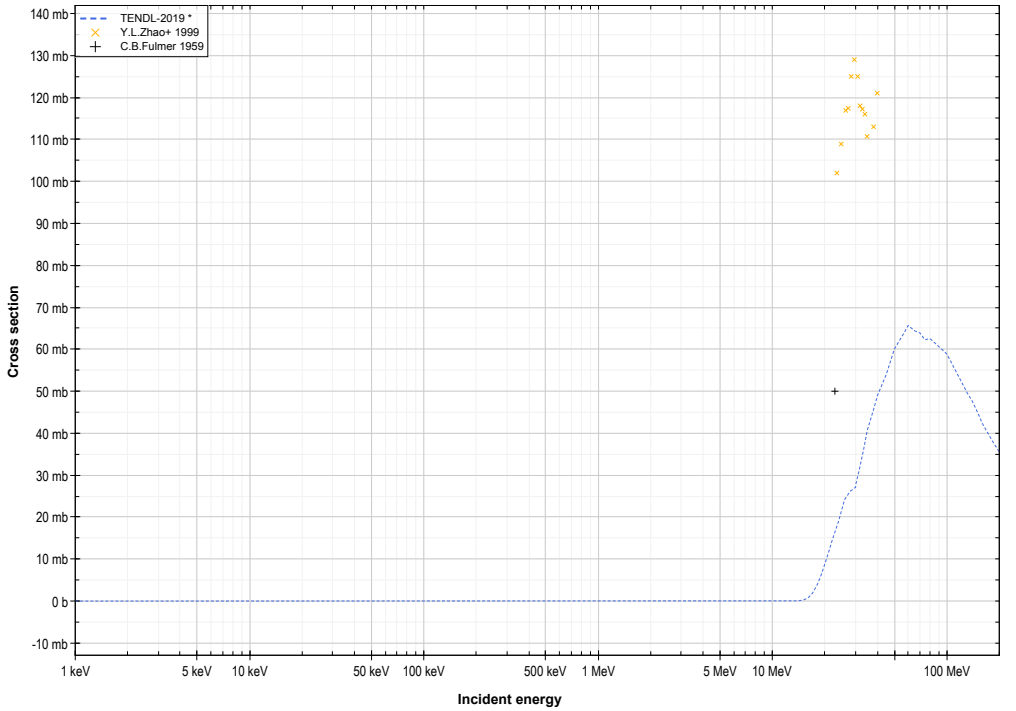
Reaction	Q-Value
U238(p,p)U238	0.00 keV

<< 92-U-235	**92-U-238**	
<< MT103 (p,p)	**MT104 (p,d) or MT5 (U237 production)**	MT105 (p,t) >>

U238 (p,d) or U237 production log-log



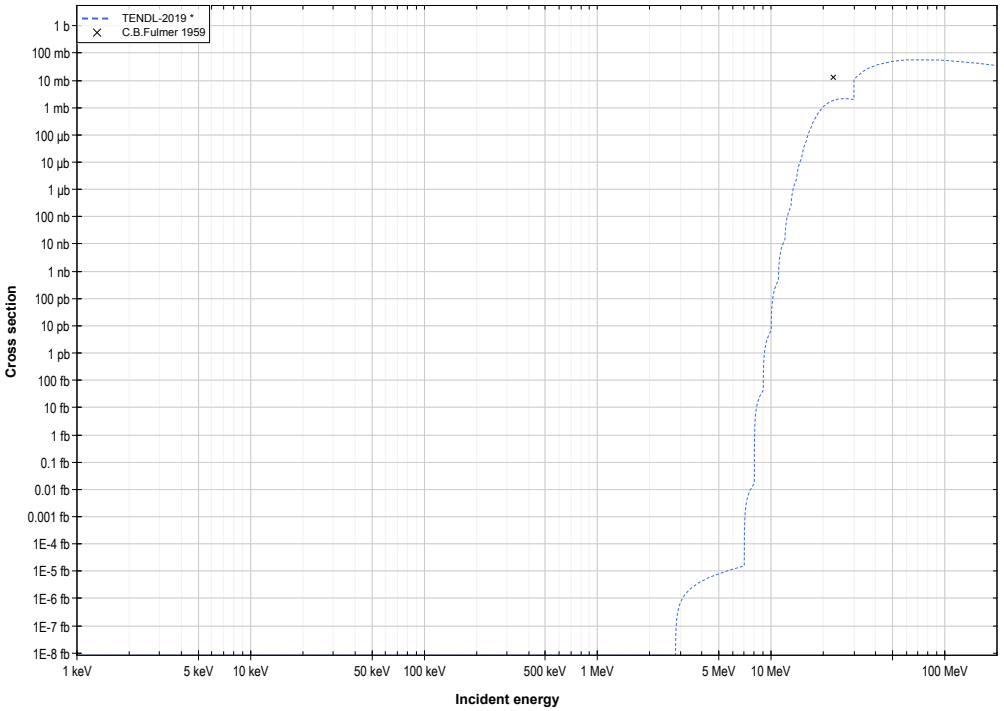
U238 (p,d) or U237 production lin-log



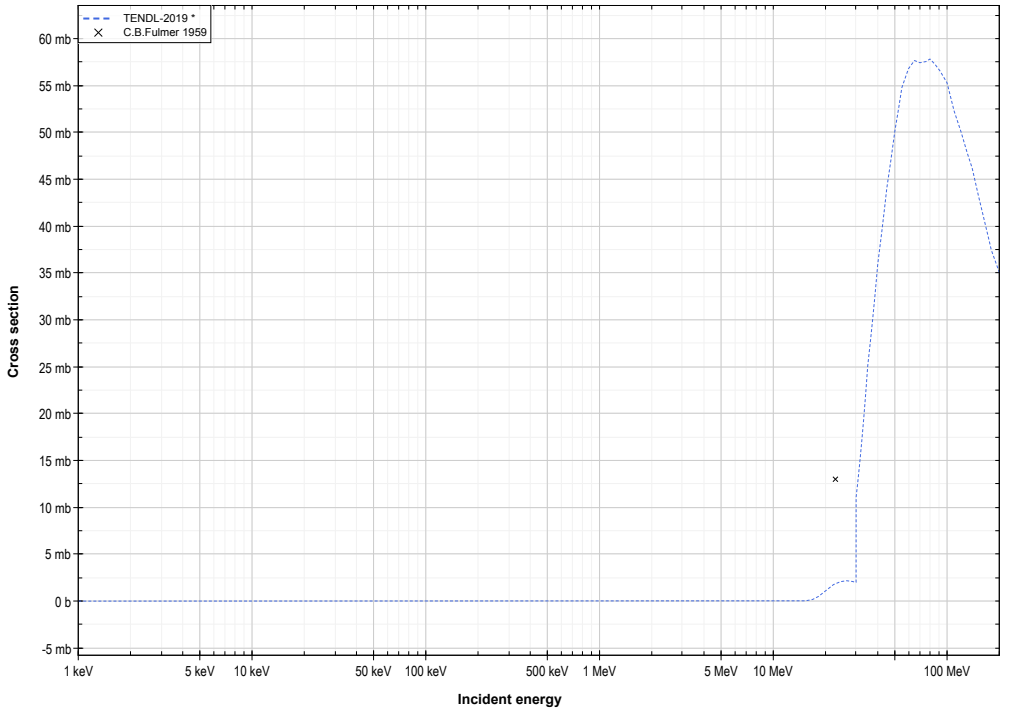
Reaction	Q-Value
U238(p,d)U237	-3929.15 keV
U238(p,n+p)U237	-6153.72 keV

<< 92-U-235	**92-U-238**	
<< MT104 (p,d)	**MT105 (p,t) or MT5 (U236 production)**	MT107 (p,α) >>

U238 (p,t) or U236 production log-log



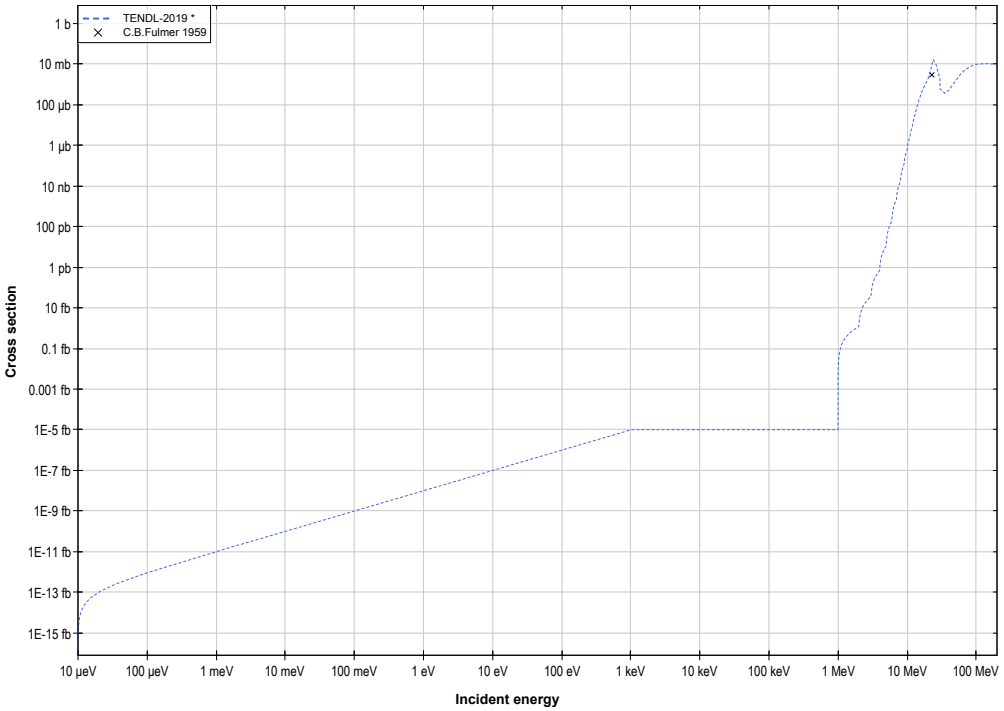
U238 (p,t) or U236 production lin-log



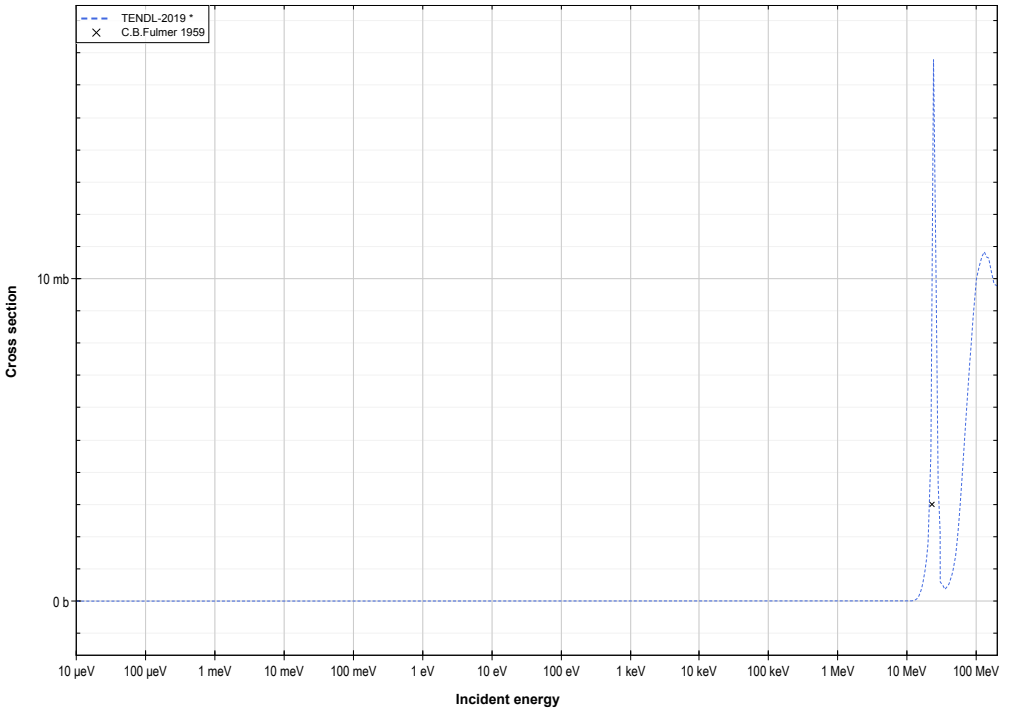
Reaction	Q-Value
U238(p,t)U236	-2797.64 keV
U238(p,n+d)U236	-9054.87 keV
U238(p,2n+p)U236	-11279.43 keV

<< 92-U-235	**92-U-238**	
<< MT105 (p,t)	**MT107 (p,α) or MT5 (Pa235 production)**	MT152 (p,5n) >>

U238 (p,α) or Pa235 production log-log



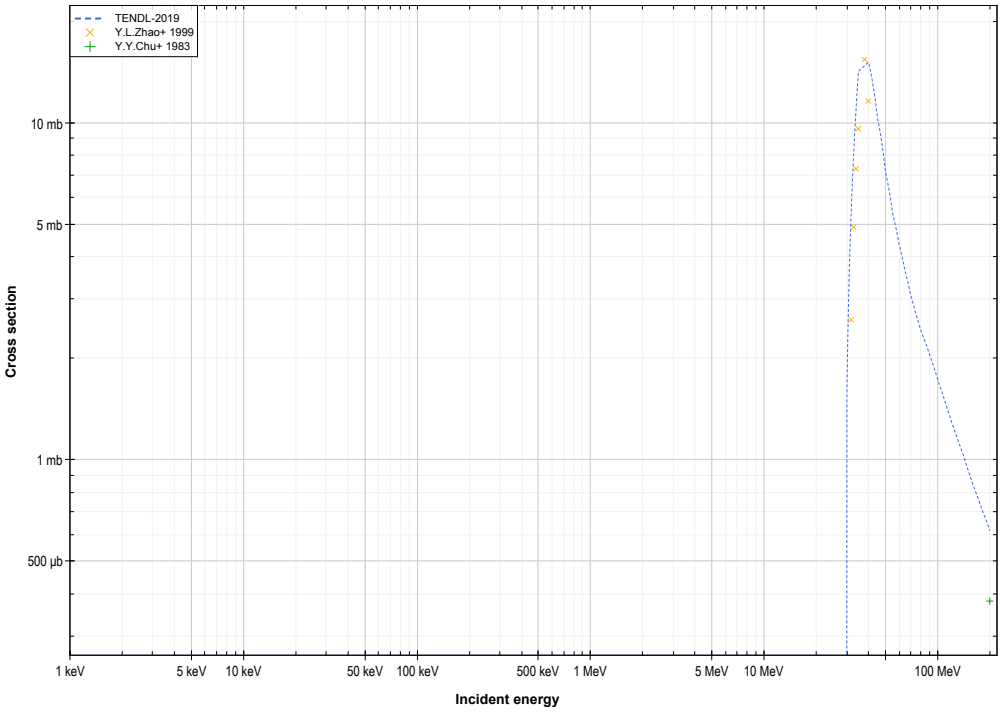
U238 (p,α) or Pa235 production lin-log



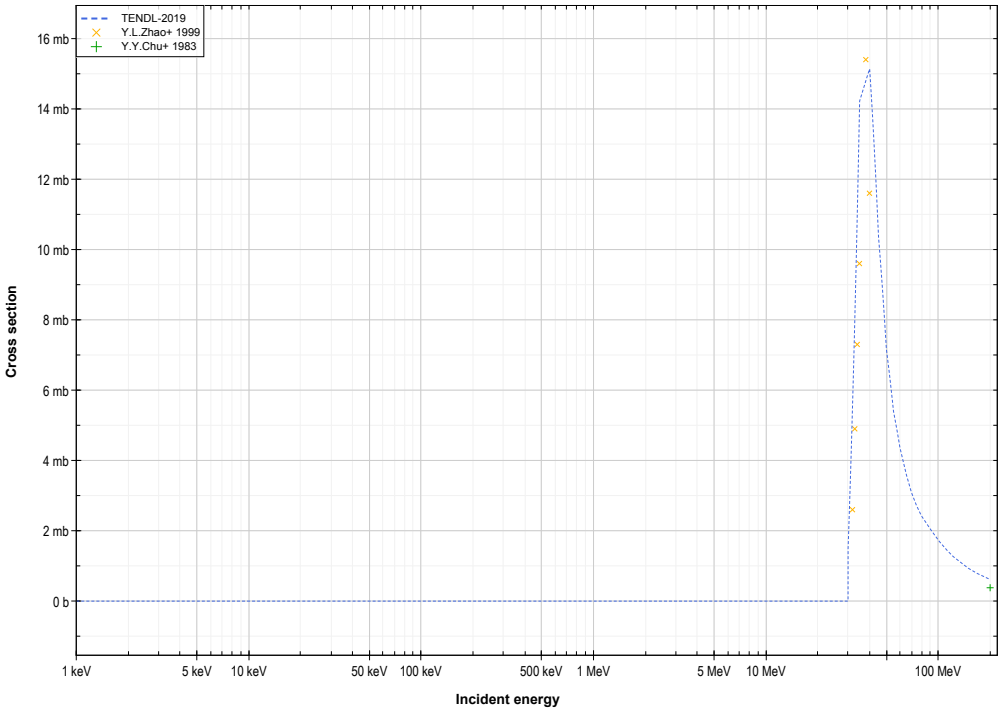
Reaction	Q-Value
U238(p,α)Pa235	9882.86 keV
U238(p,p+t)Pa235	-9931.01 keV
U238(p,n+He3)Pa235	-10694.76 keV
U238(p,2d)Pa235	-13963.67 keV
U238(p,n+p+d)Pa235	-16188.24 keV
U238(p,2n+2p)Pa235	-18412.80 keV

<< 92-U-235	**92-U-238**	
<< MT107 (p,α)	**MT152 (p,5n) or MT5 (Np234 production)**	MT153 (p,6n) >>

U238 (p,5n) or Np234 production log-log



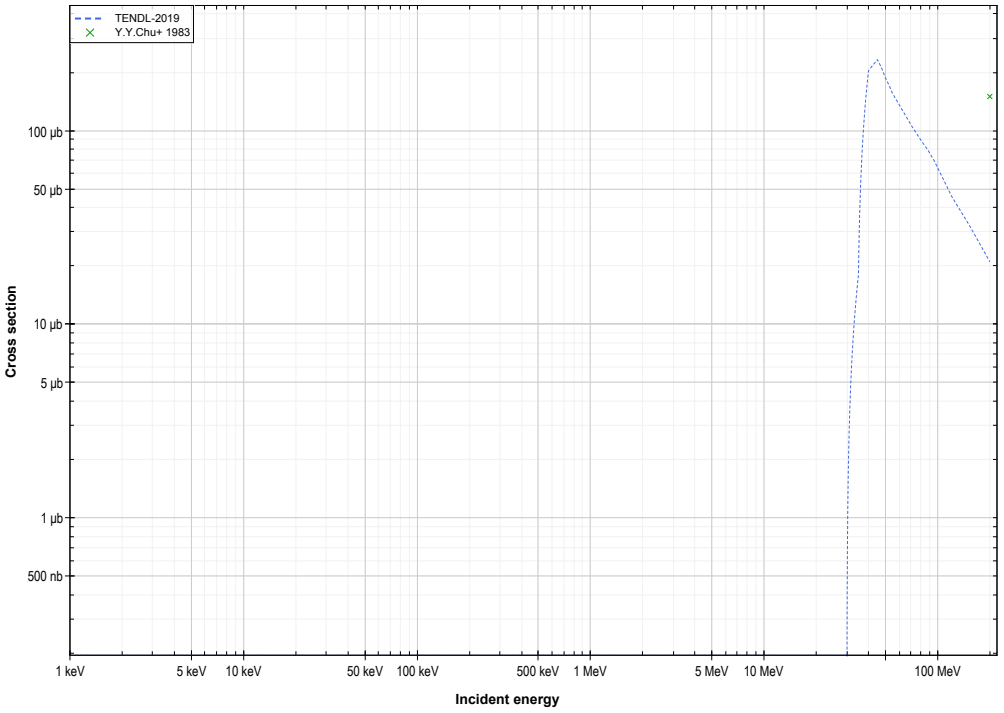
U238 (p,5n) or Np234 production lin-log



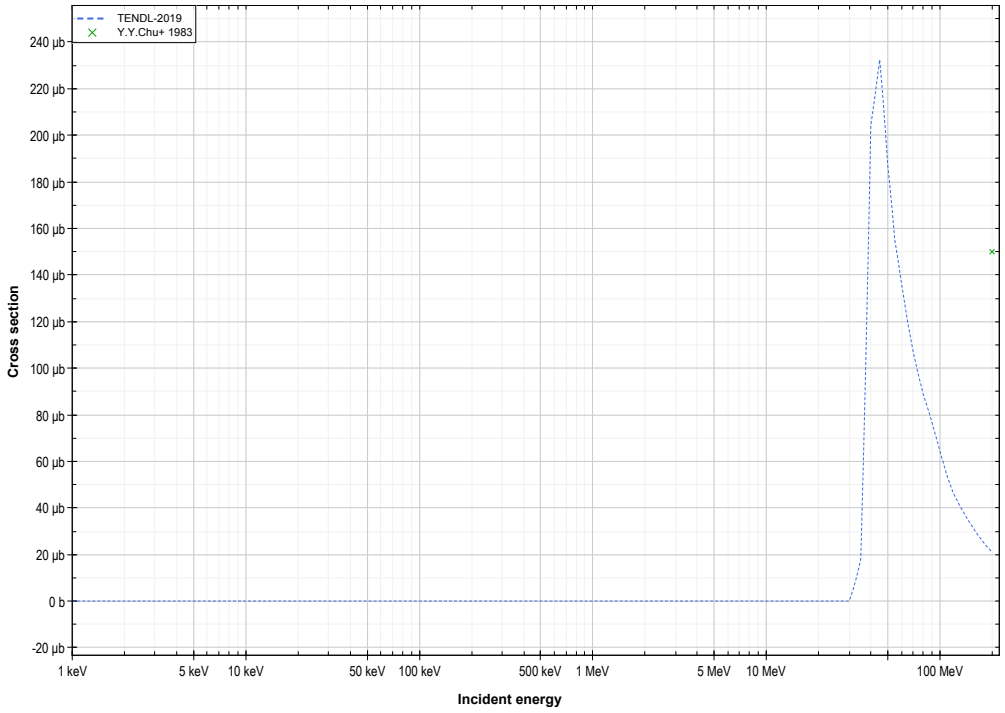
Reaction	Q-Value
U238(p,5n)Np234	-25714.81 keV

<< 90-Th-232	**92-U-238**	
<< MT152 (p,5n)	**MT153 (p,6n) or MT5 (Np233 production)**	93-Np-237 MT4 (p,n) >>

U238 (p,6n) or Np233 production log-log



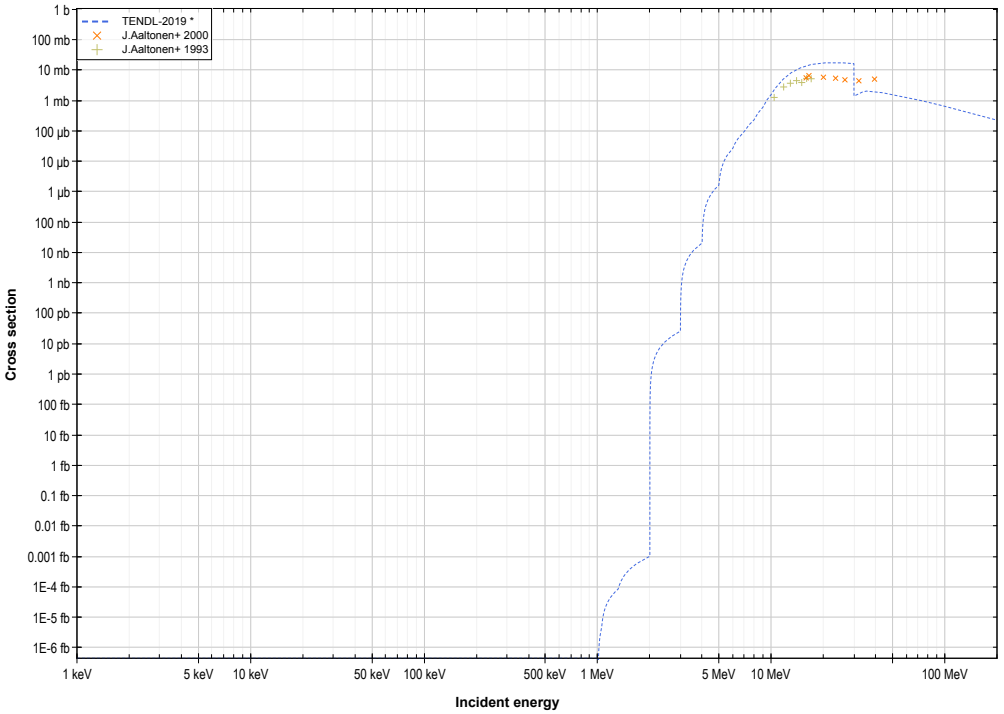
U238 (p,6n) or Np233 production lin-log



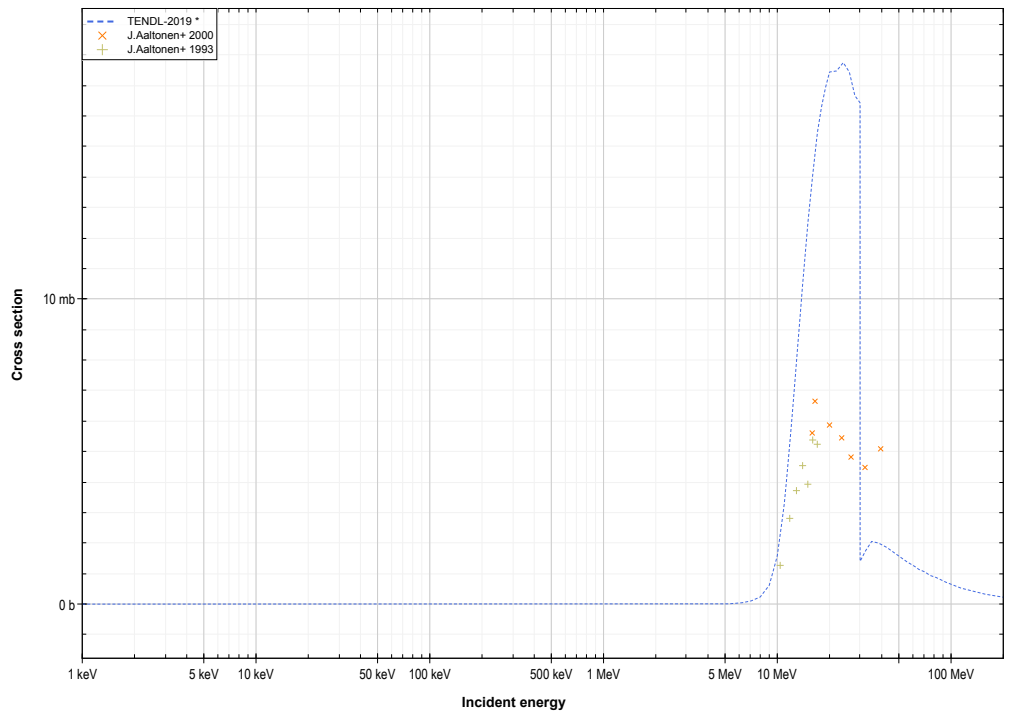
Reaction	Q-Value
U238(p,6n)Np233	-31781.13 keV

<< 92-U-238	**93-Np-237**	94-Pu-240 >>
<< 92-U-238 MT153 (p,6n)	**MT4 (p,n) or MT5 (Pu237 production)**	MT16 (p,2n) >>

Np237 (p,n) or Pu237 production log-log



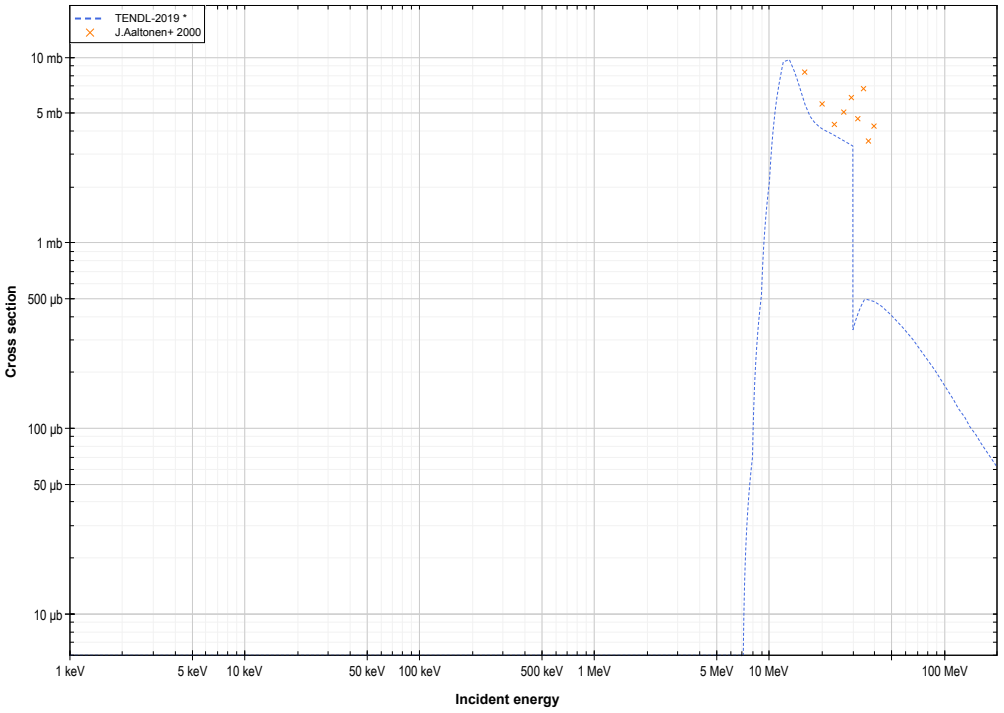
Np237 (p,n) or Pu237 production lin-log



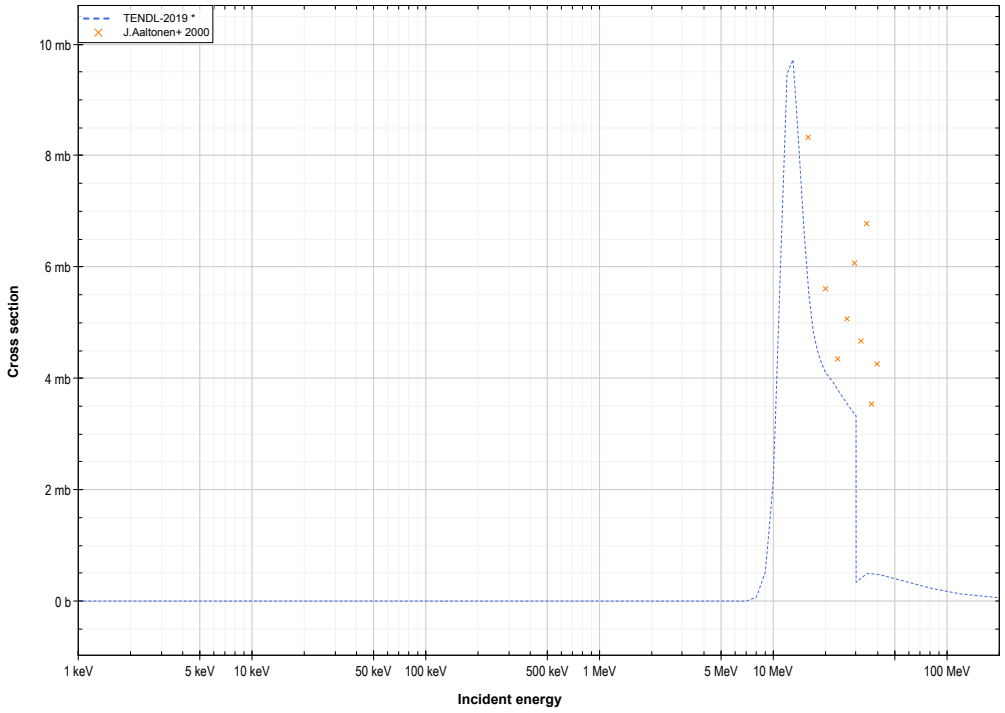
Reaction	Q-Value
Np237(p,n)Pu237	-1002.35 keV

<< 92-U-236	**93-Np-237**	94-Pu-241 >>
<< MT4 (p,n)	**MT16 (p,2n) or MT5 (Pu236 production)**	MT18 (p,fission) >>

Np237 (p,2n) or Pu236 production log-log



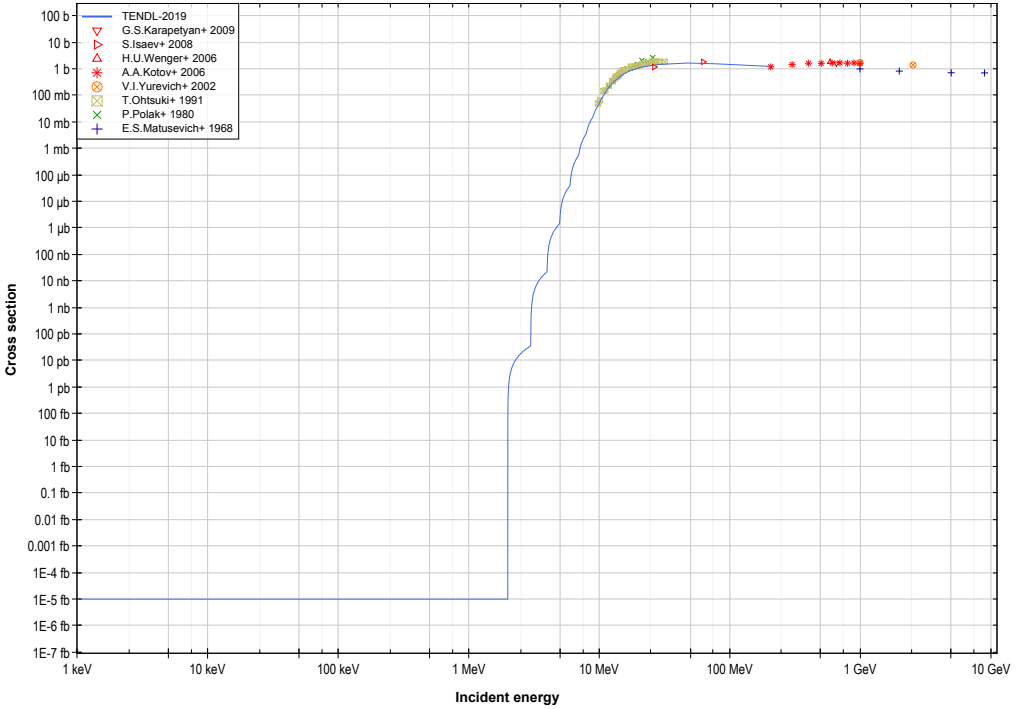
Np237 (p,2n) or Pu236 production lin-log



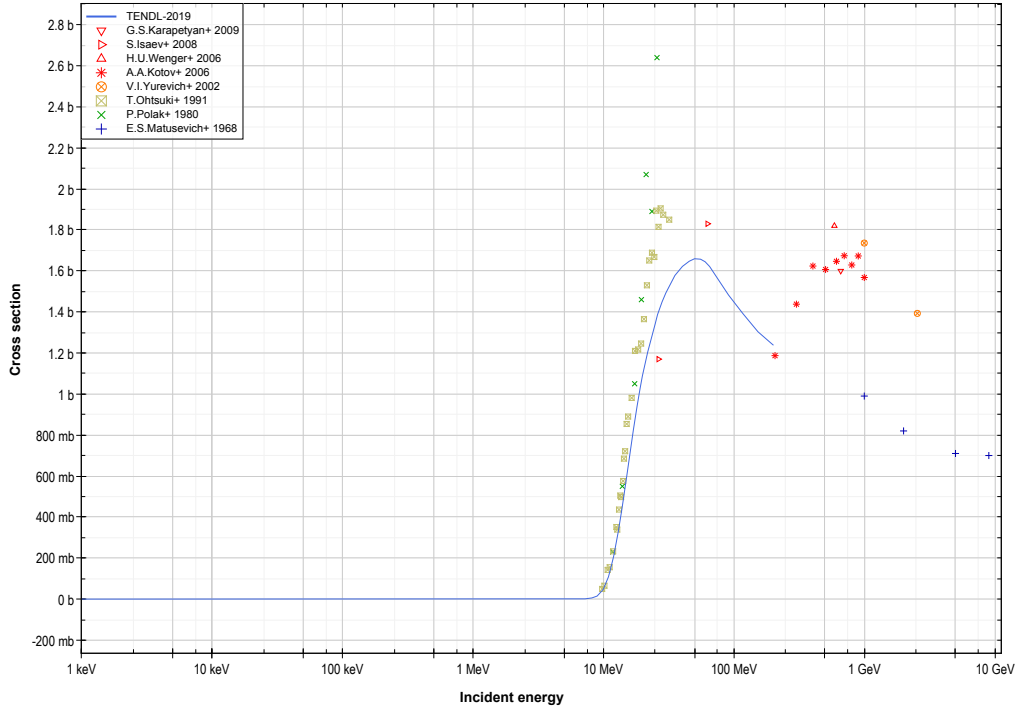
Reaction	Q-Value
Np237(p,2n)Pu236	-6883.56 keV

<< 92-U-238	**93-Np-237**	94-Pu-239 >>
<< MT16 (p,2n)	**MT18 (p,fission)**	94-Pu-239 MT18 (p,fission) >>

Np237 (p,fission) log-log

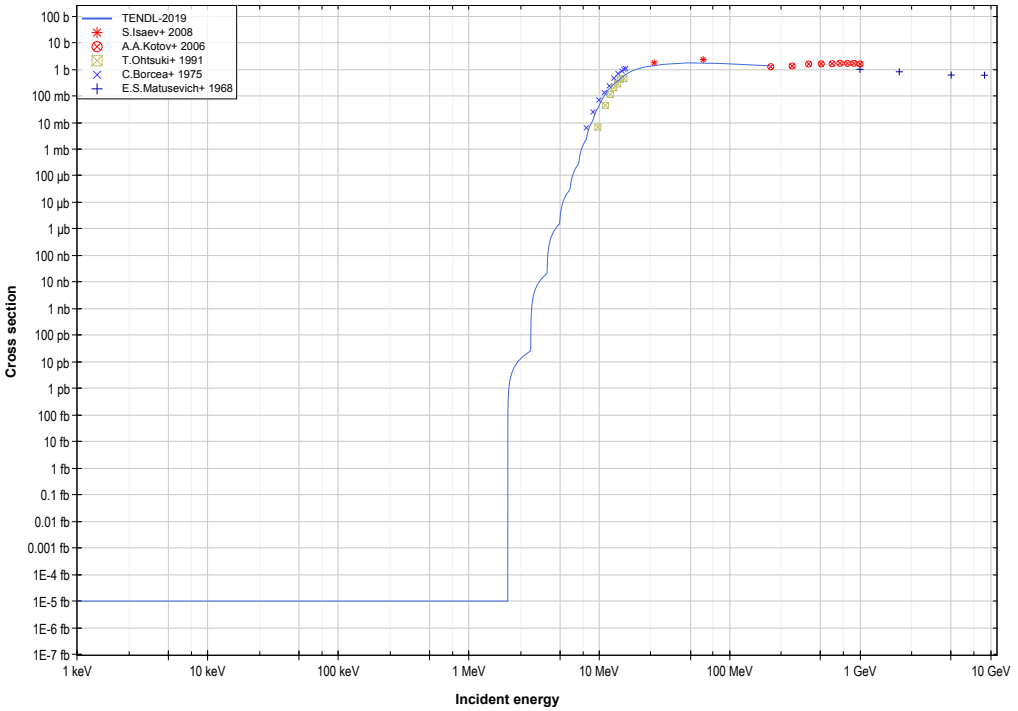


Np237 (p,fission) lin-log

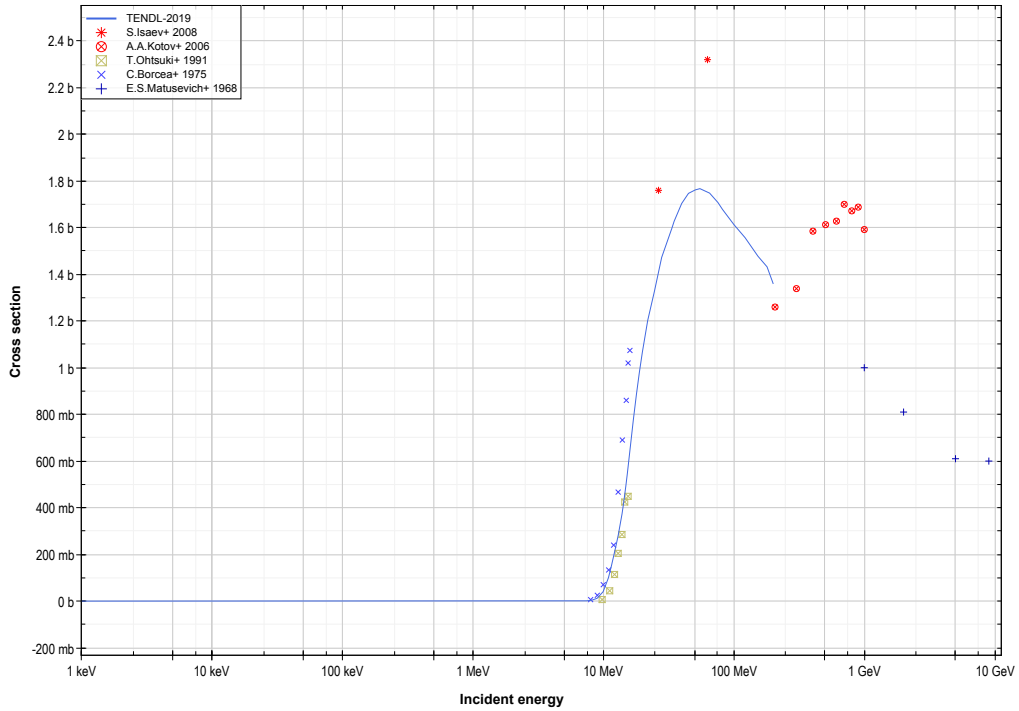


<< 93-Np-237	**94-Pu-239**	94-Pu-240 >>
<< 93-Np-237 MT18 (p,fission)	**MT18 (p,fission)**	94-Pu-240 MT4 (p,n) >>

Pu239 (p,fission) log-log

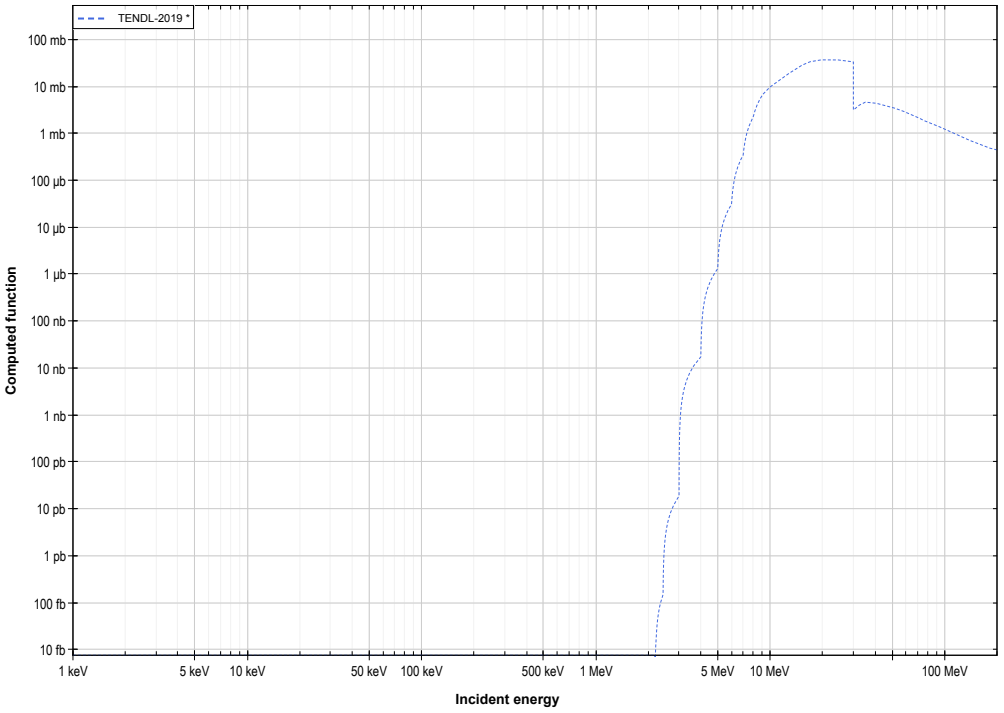


Pu239 (p,fission) lin-log

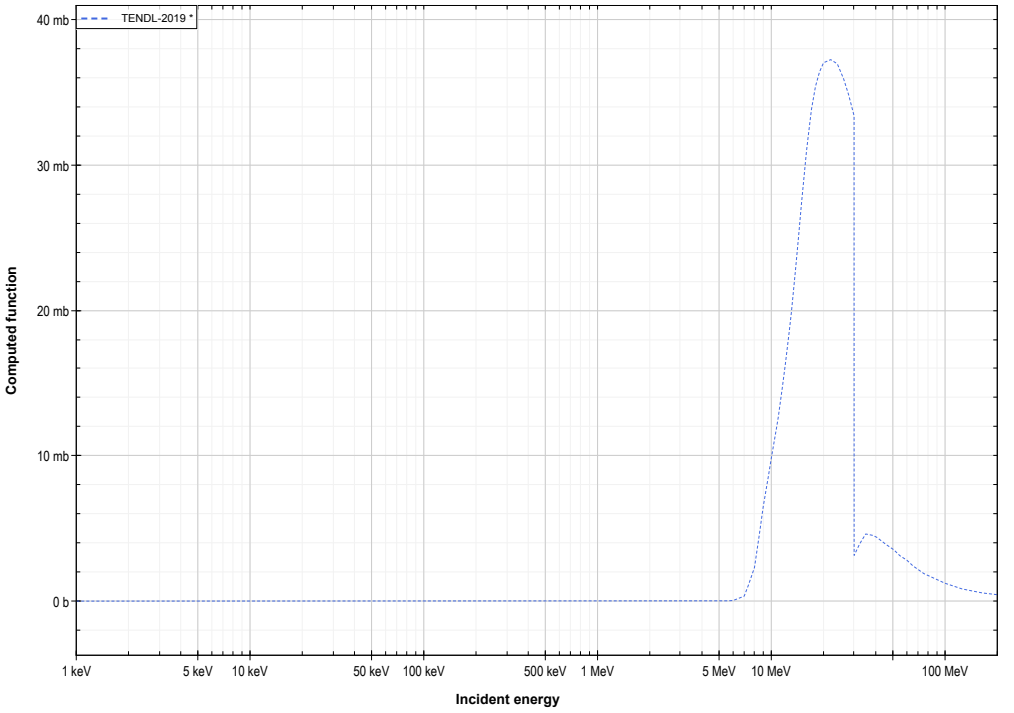


<< 93-Np-237	**94-Pu-240**	
<< 94-Pu-239 MT18 (p,fission)	**MT4 (p,n) or MT5 (Am240 production)**	MT18 (p,fission) >>

Pu240 (p,n) or Am240 production log-log



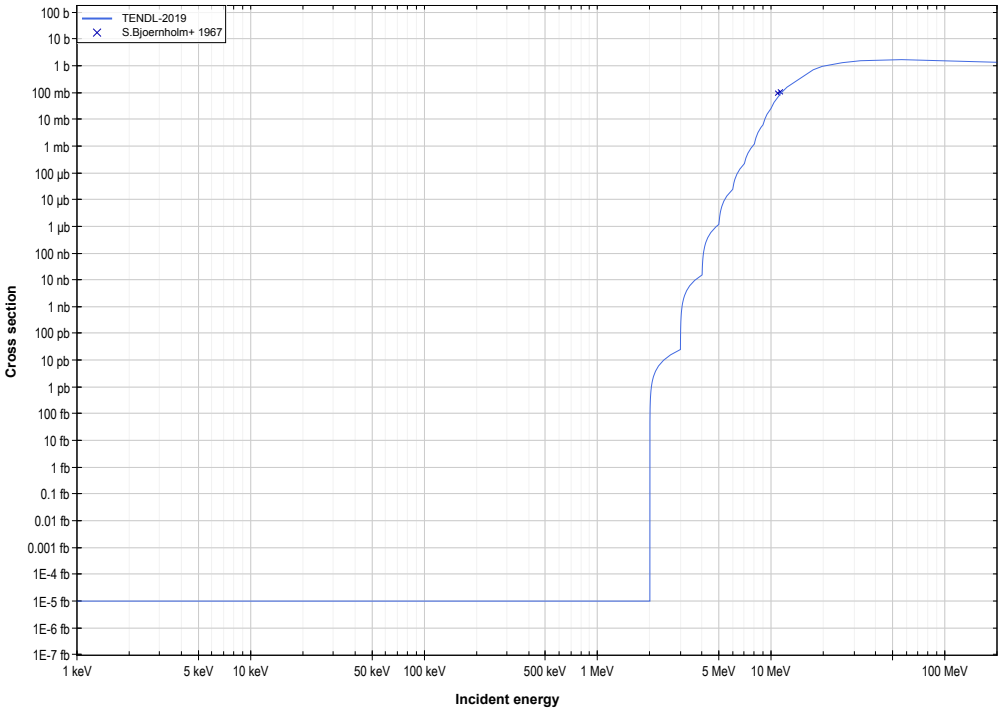
Pu240 (p,n) or Am240 production lin-log



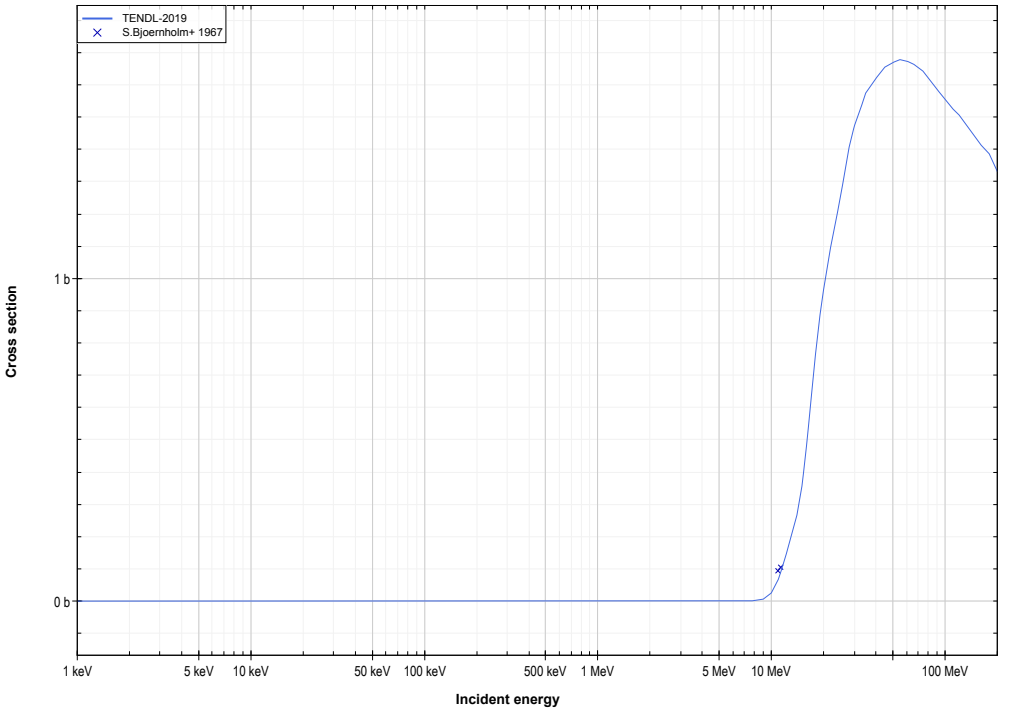
Reaction	Q-Value
Pu240(p,n)Am240	-2166.95 keV

<< 94-Pu-239	**94-Pu-240**	94-Pu-241 >>
<< MT4 (p,n)	**MT18 (p,fission)**	94-Pu-241 MT16 (p,2n) >>

Pu240 (p,fission) log-log

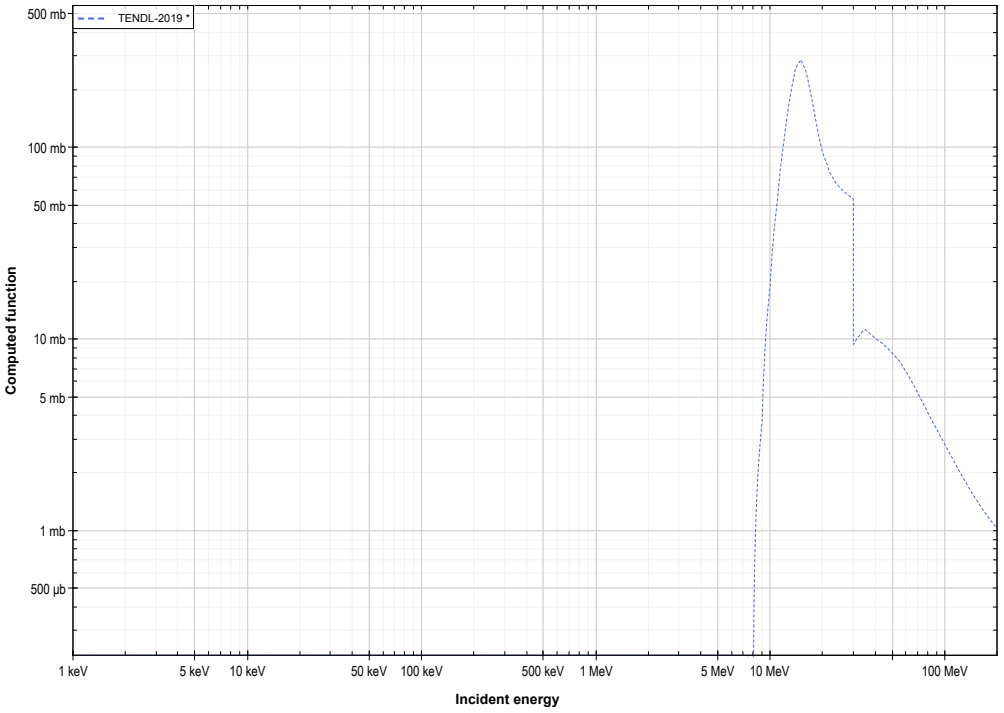


Pu240 (p,fission) lin-log

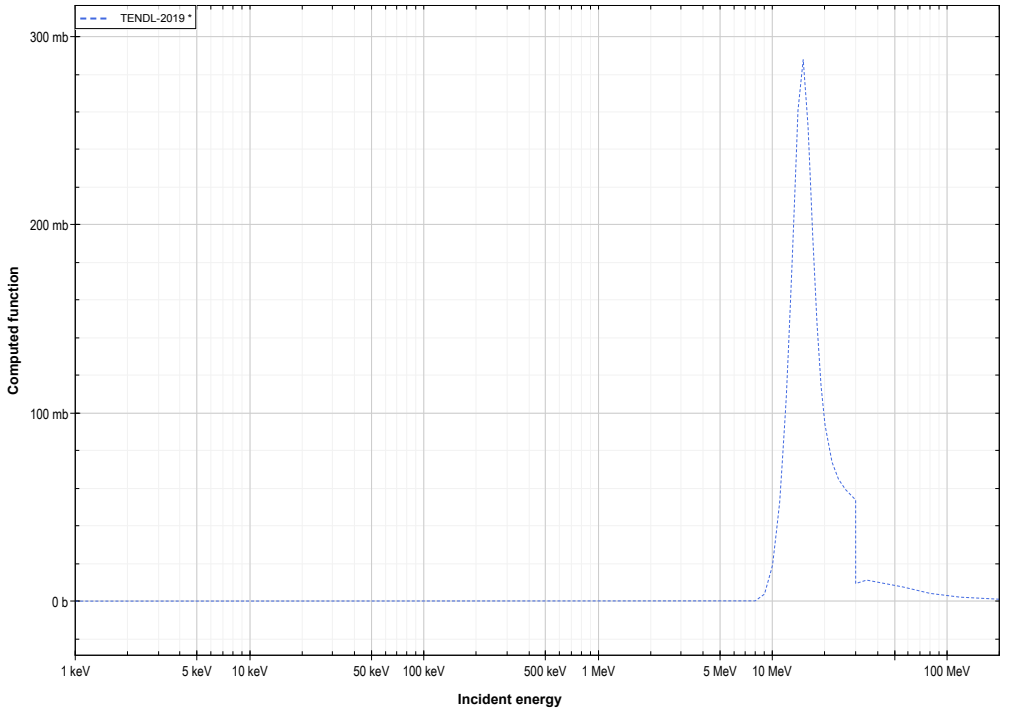


<< 93-Np-237	**94-Pu-241**	95-Am-241 >>
<< 94-Pu-240 MT18 (p,fission)	**MT16 (p,2n) or MT5 (Am240 production)**	MT18 (p,fission) >>

Pu241 (p,2n) or Am240 production log-log



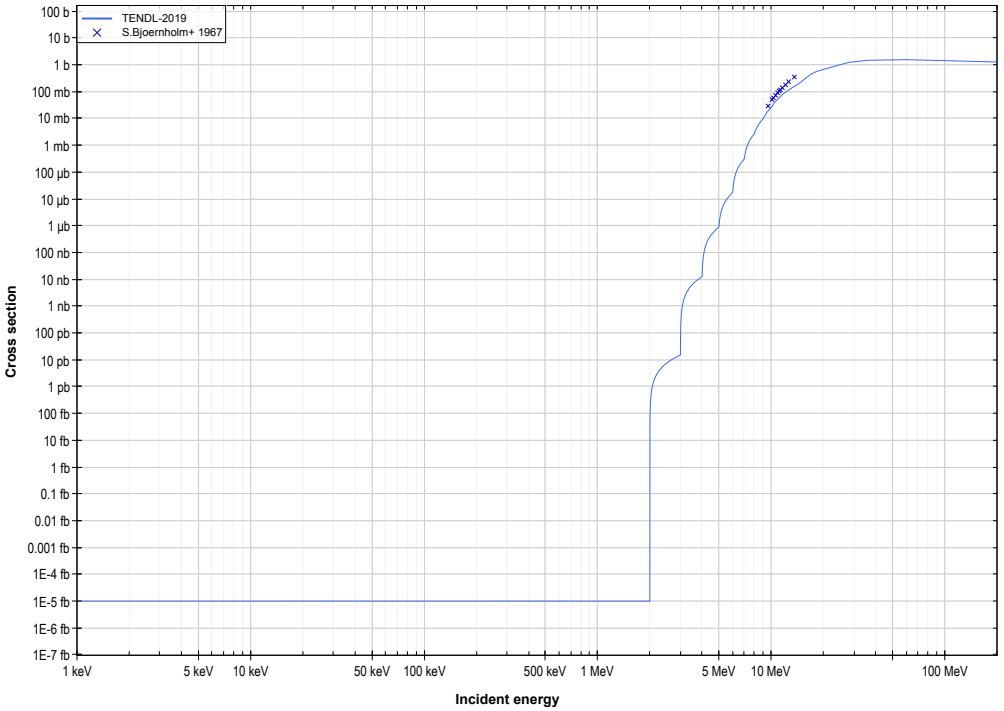
Pu241 (p,2n) or Am240 production lin-log



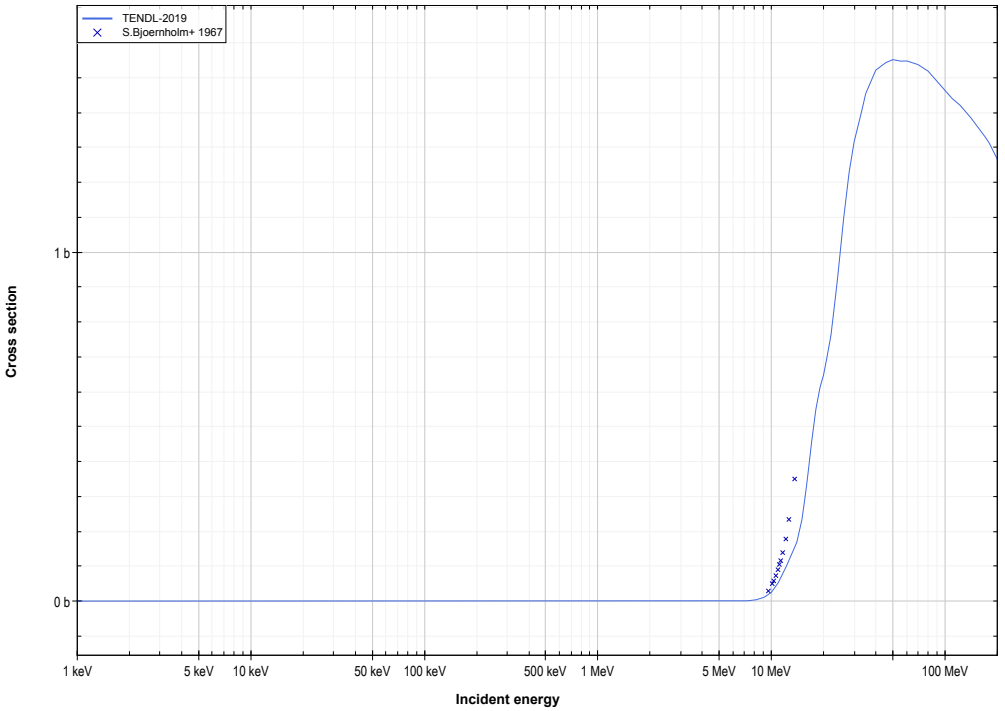
Reaction	Q-Value
Pu241(p,2n)Am240	-7408.46 keV

<< 94-Pu-240	**94-Pu-241**	94-Pu-242 >>
<< MT16 (p,2n)	**MT18 (p,fission)**	94-Pu-242 MT17 (p,3n) >>

Pu241 (p,fission) log-log

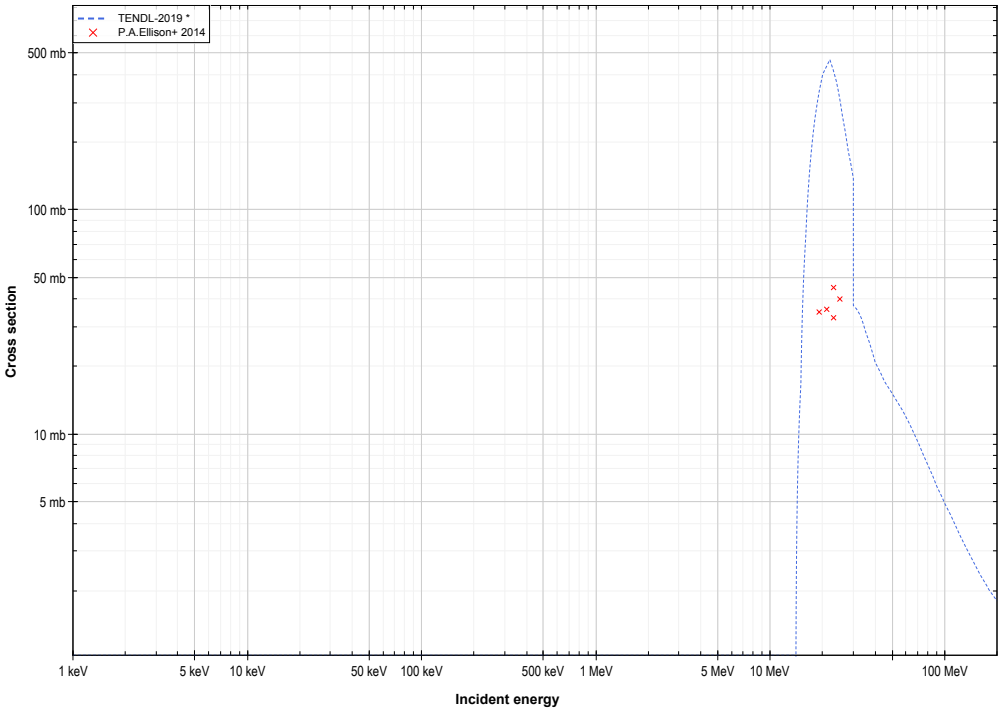


Pu241 (p,fission) lin-log

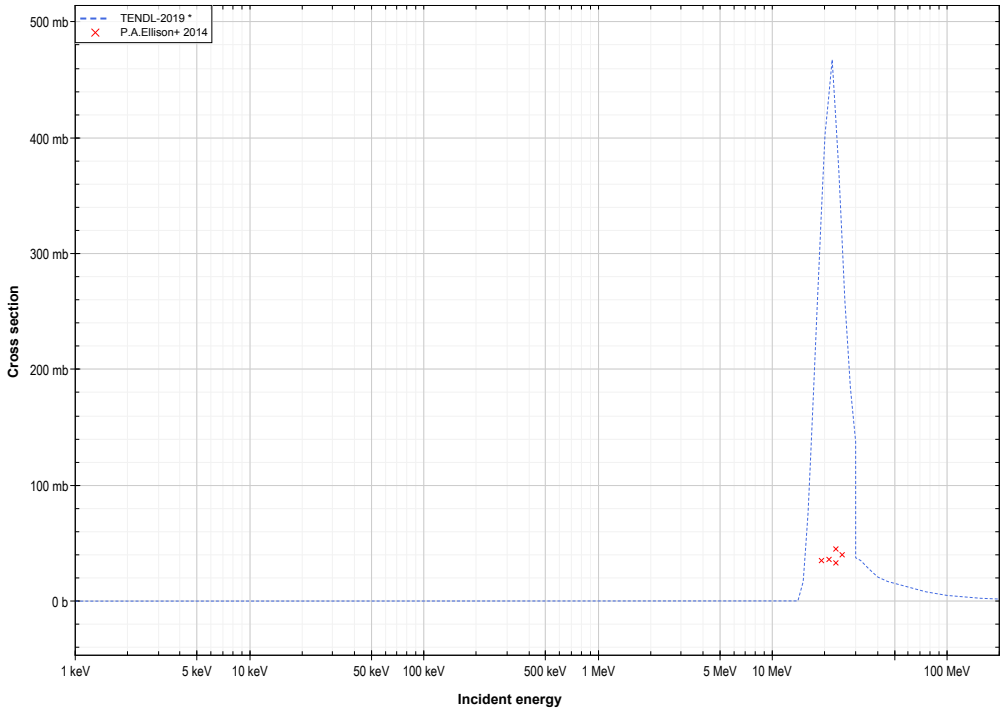


<< 92-U-238	**94-Pu-242**	
<< 94-Pu-241 MT18 (p,fission)	**MT17 (p,3n) or MT5 (Am240 production)**	MT18 (p,fission) >>

Pu242 (p,3n) or Am240 production log-log



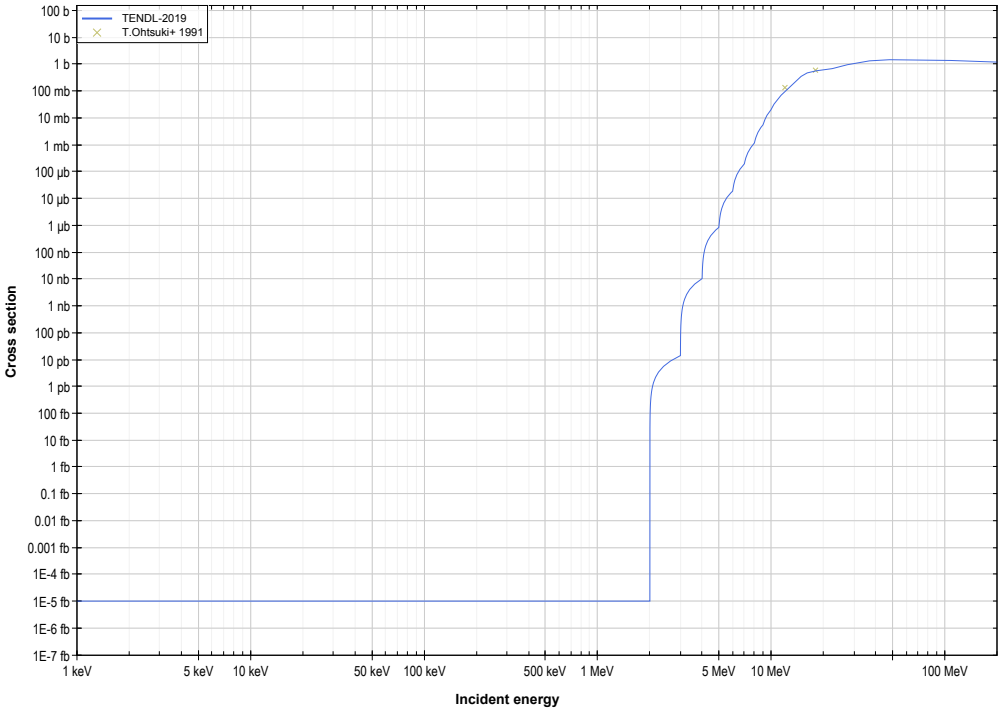
Pu242 (p,3n) or Am240 production lin-log



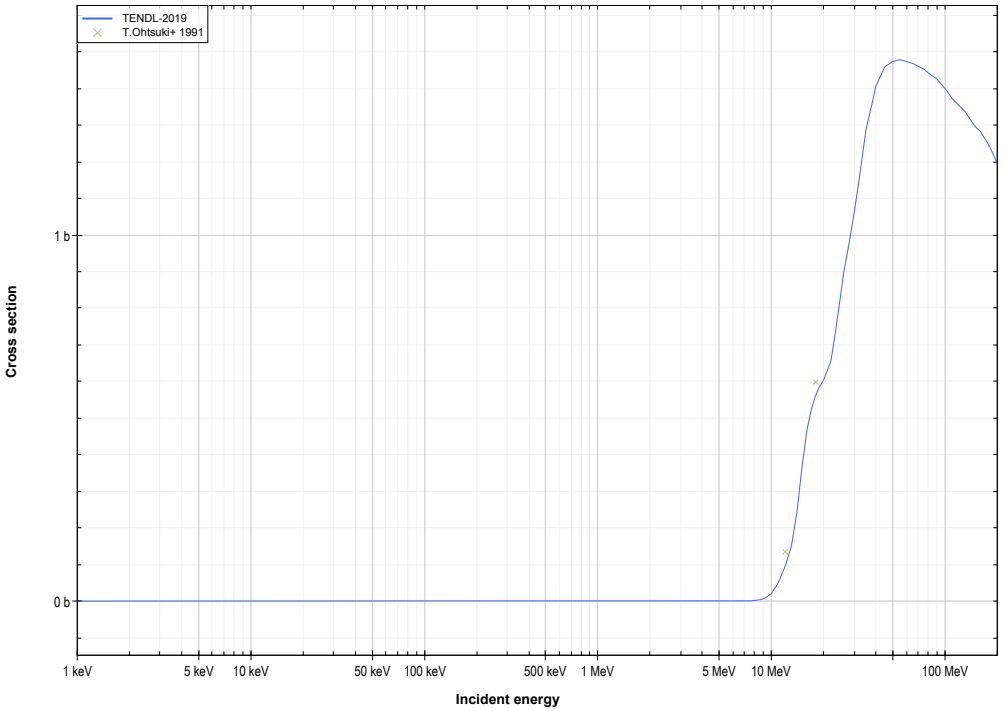
Reaction	Q-Value
Pu242(p,3n)Am240	-13718.08 keV

<< 94-Pu-241	**94-Pu-242**	94-Pu-244 >>
<< MT17 (p,3n)	**MT18 (p,fission)**	94-Pu-244 MT18 (p,fission) >>

Pu242 (p,fission) log-log

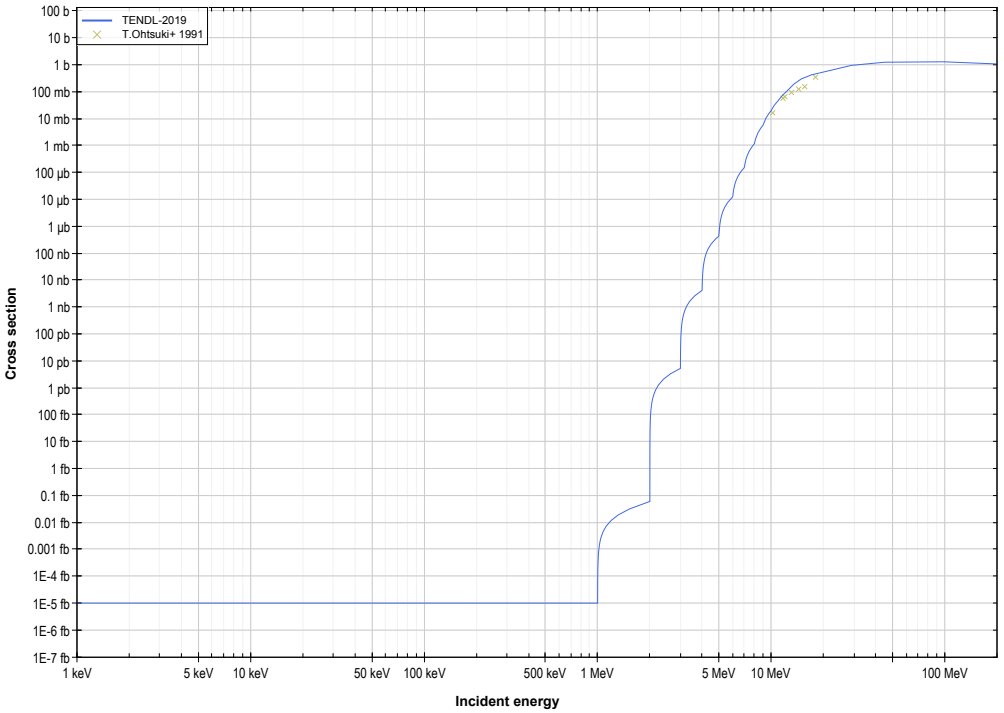


Pu242 (p,fission) lin-log

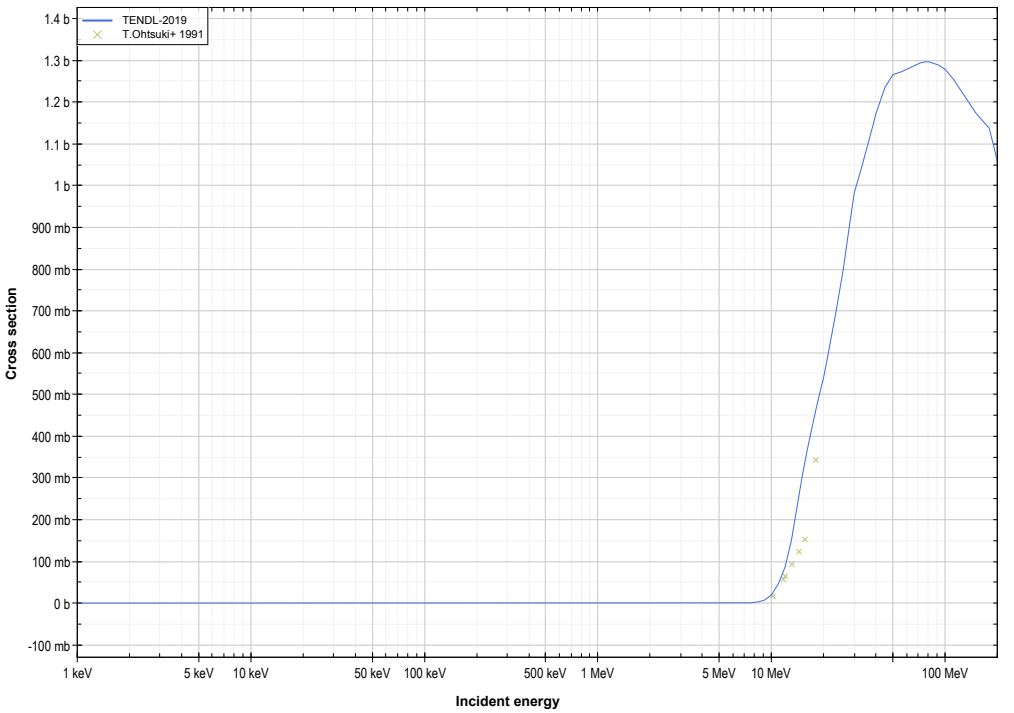


<< 94-Pu-242	**94-Pu-244**	95-Am-241 >>
<< 94-Pu-242 MT18 (p,fission)	**MT18 (p,fission)**	95-Am-241 MT16 (p,2n) >>

Pu244 (p,fission) log-log

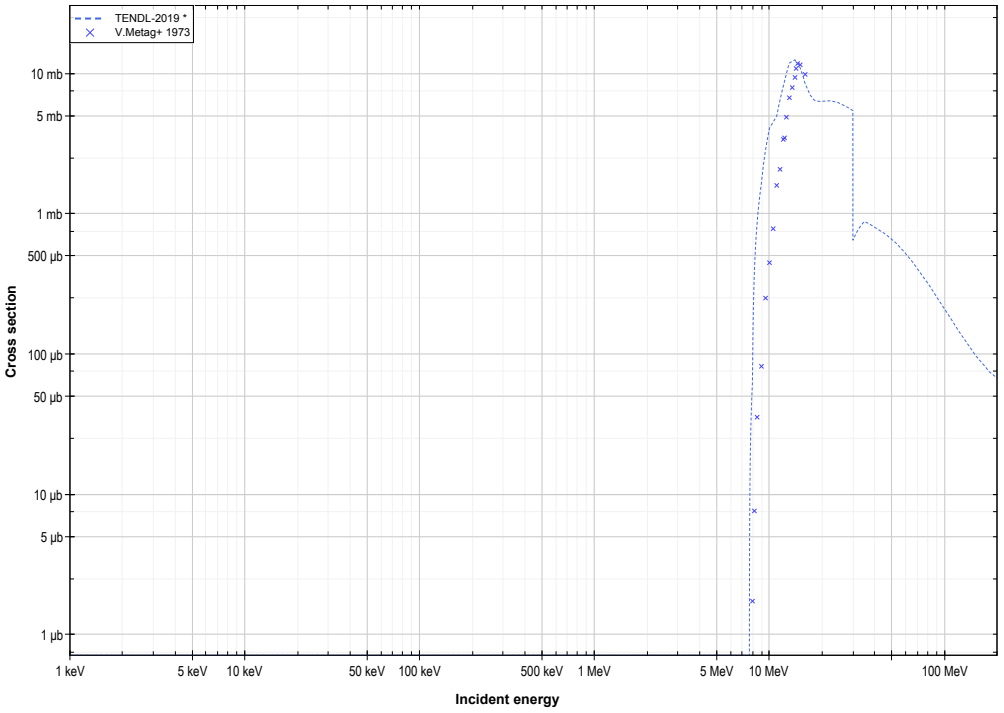


Pu244 (p,fission) lin-log

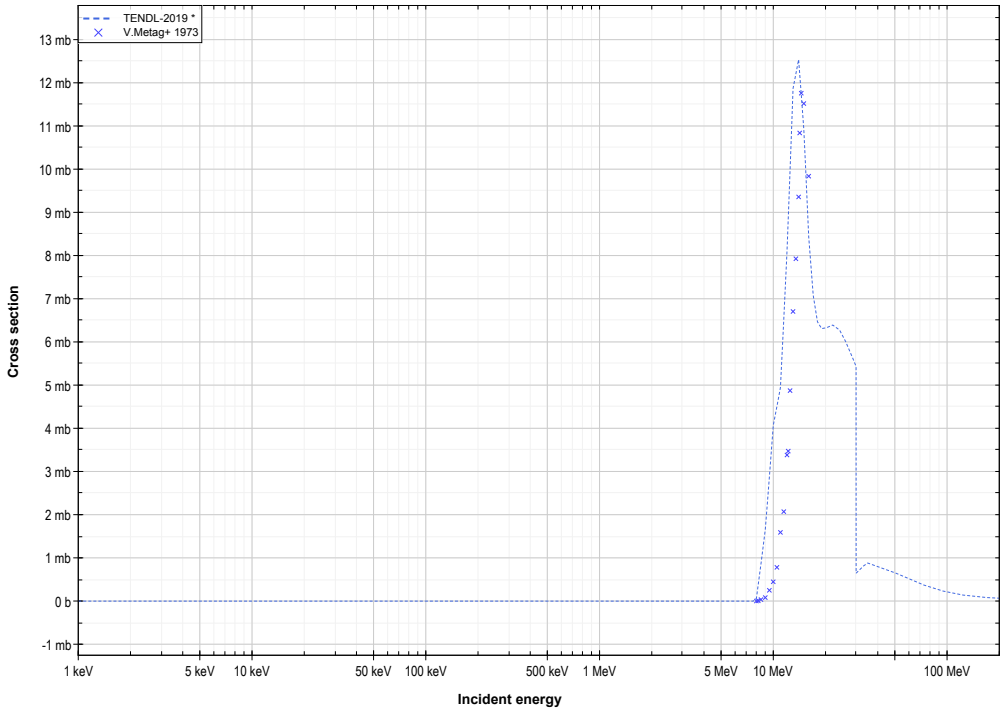


<< 94-Pu-241	**95-Am-241**	
<< 94-Pu-244 MT18 (p,fission)	**MT16 (p,2n) or MT5 (Cm240 production)**	MT18 (p,fission) >>

Am241 (p,2n) or Cm240 production log-log



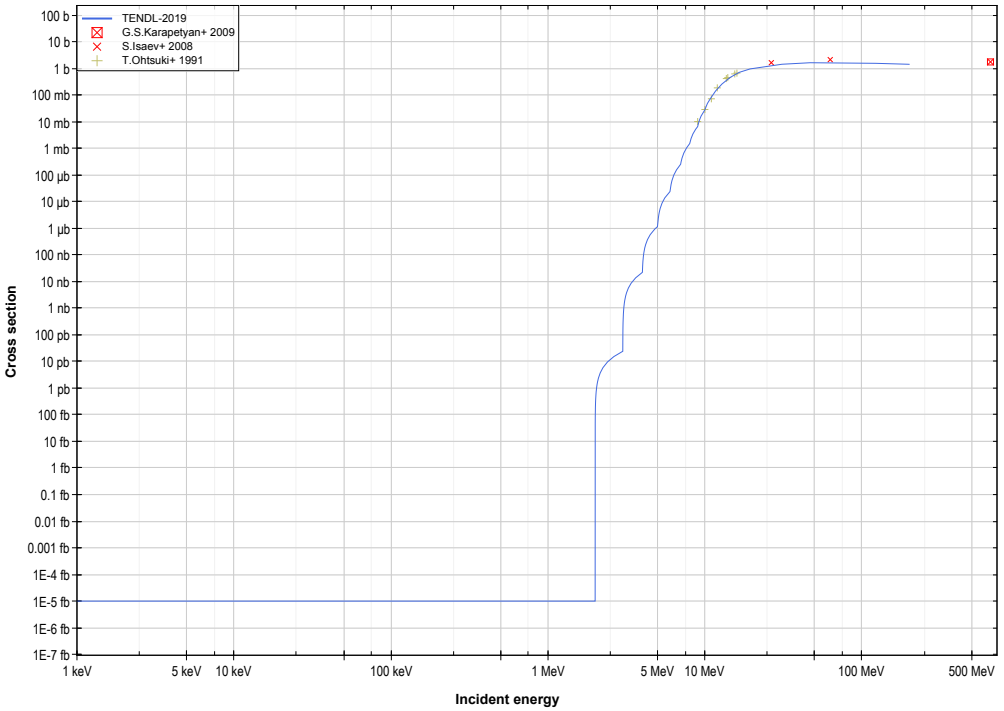
Am241 (p,2n) or Cm240 production lin-log



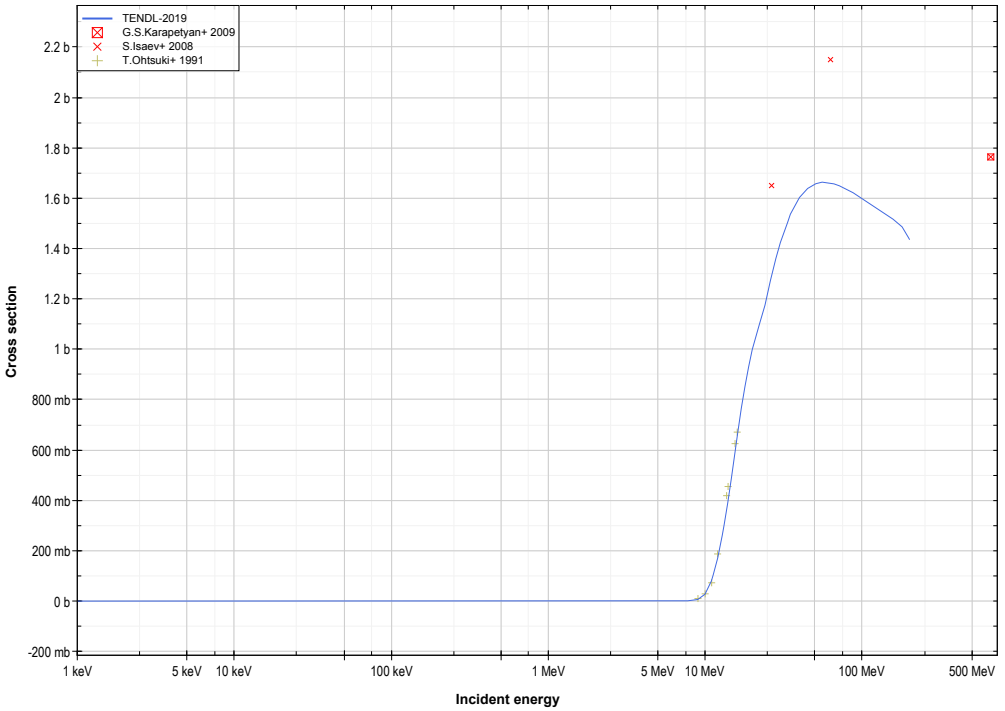
Reaction	Q-Value
Am241(p,2n)Cm240	-7643.56 keV

<< 94-Pu-244	**95-Am-241**	95-Am-243 >>
<< MT16 (p,2n)	**MT18 (p,fission)**	95-Am-243 MT18 (p,fission) >>

Am241 (p,fission) log-log

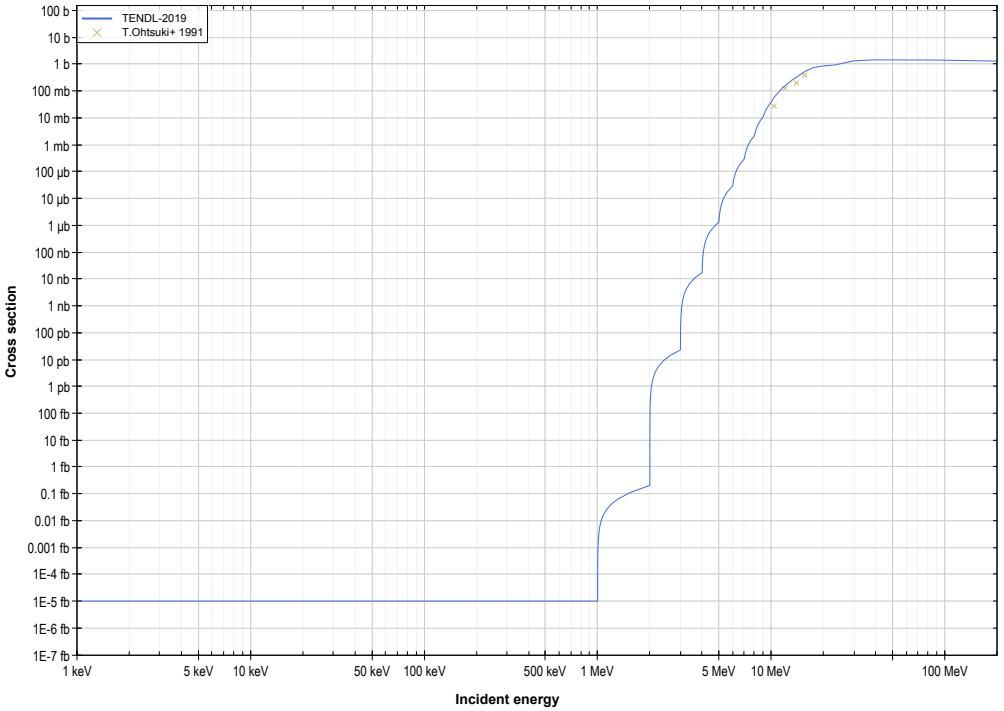


Am241 (p,fission) lin-log



<< 95-Am-241	**95-Am-243**	
<< 95-Am-241 MT18 (p,fission)	**MT18 (p,fission)**	

Am243 (p,fission) log-log



Am243 (p,fission) lin-log