Program EVALPLOT
(Version 2018-1)
by
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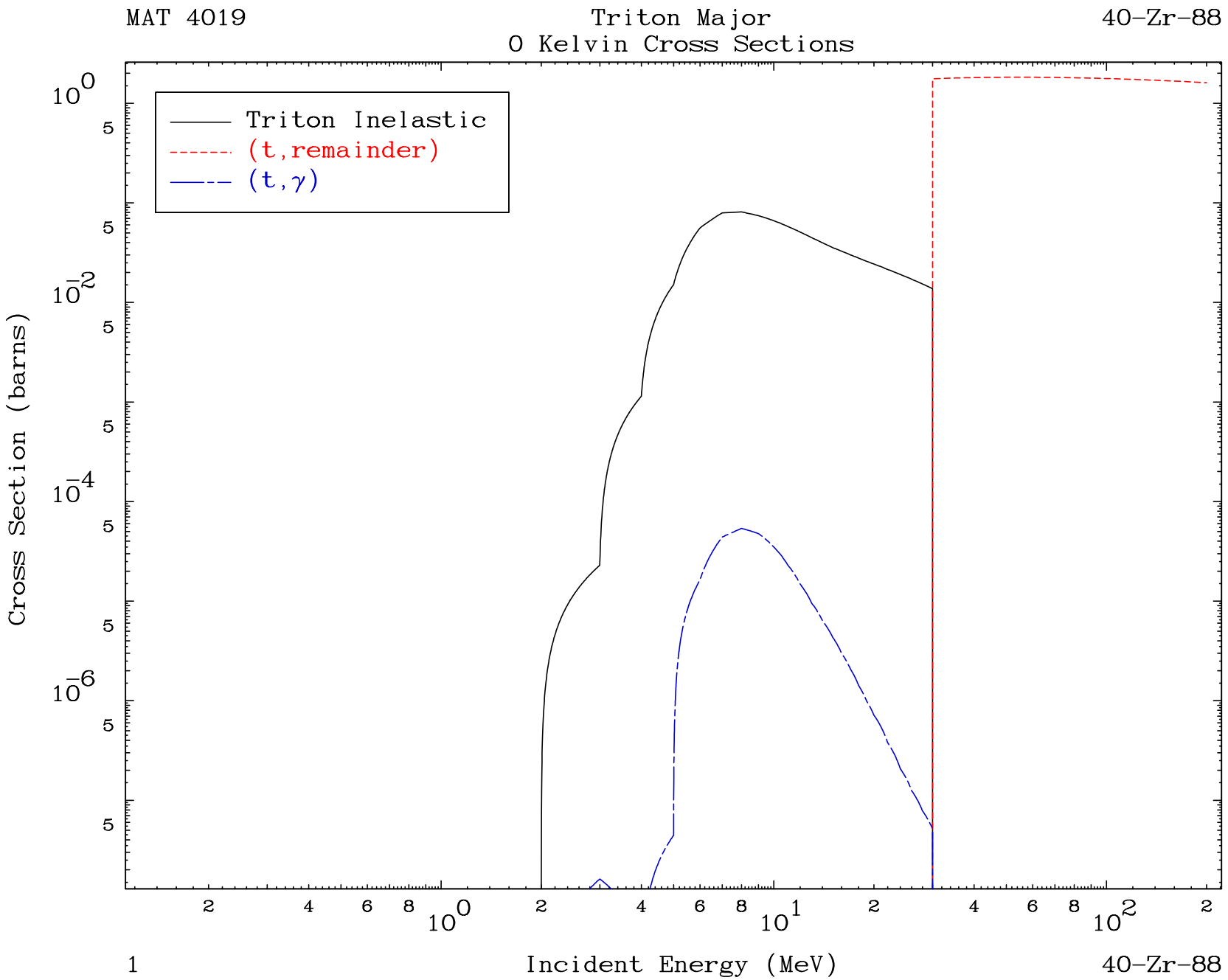
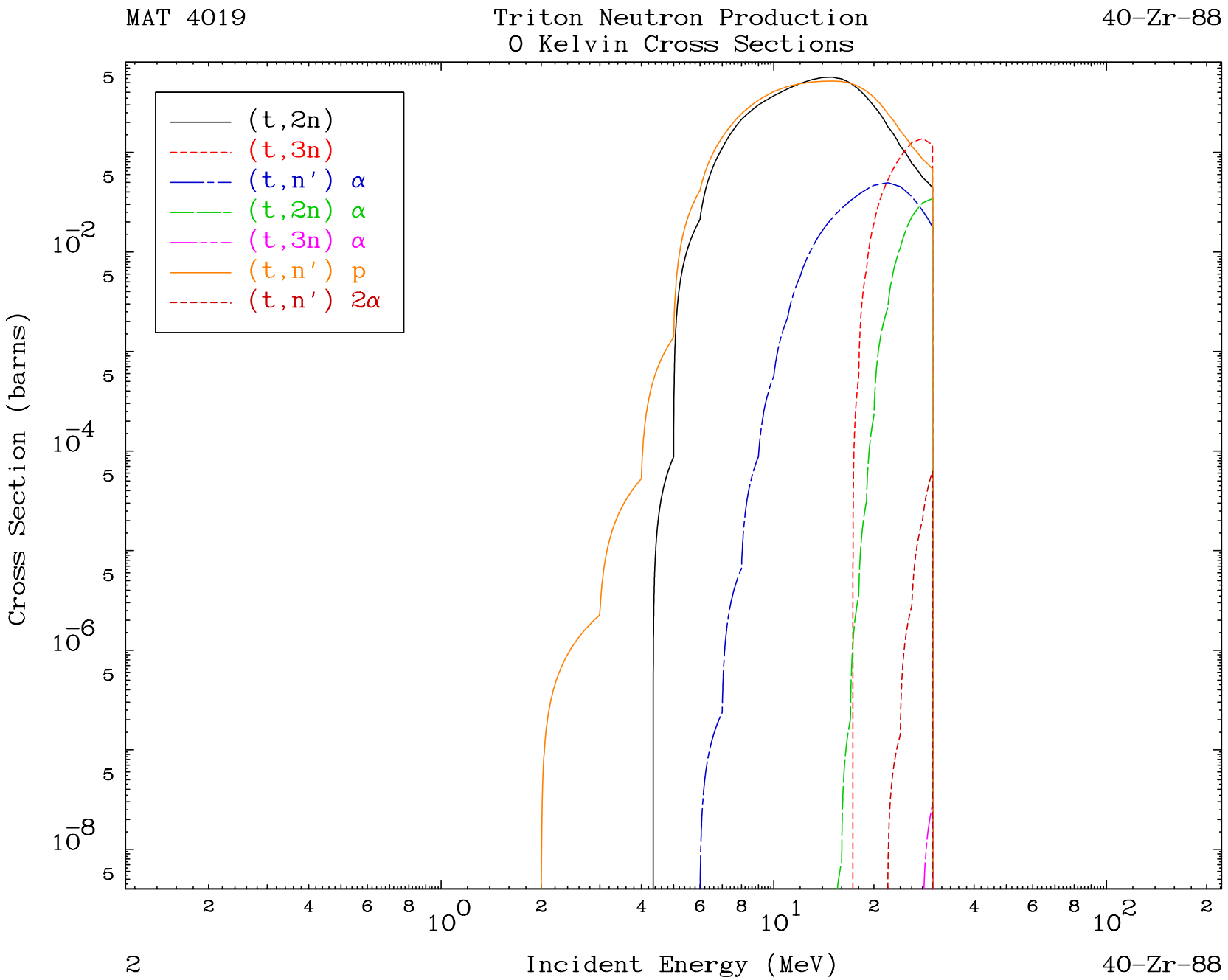
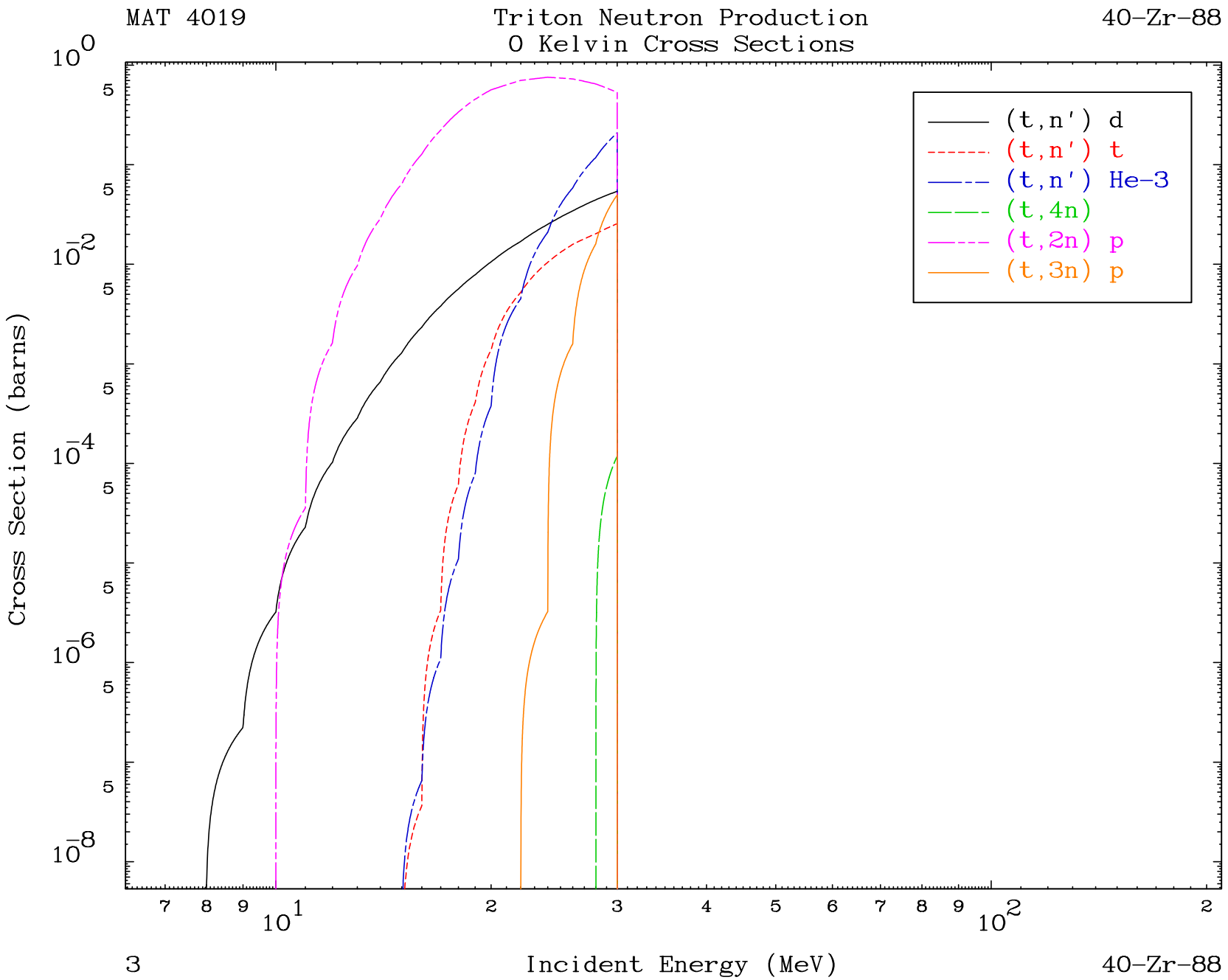
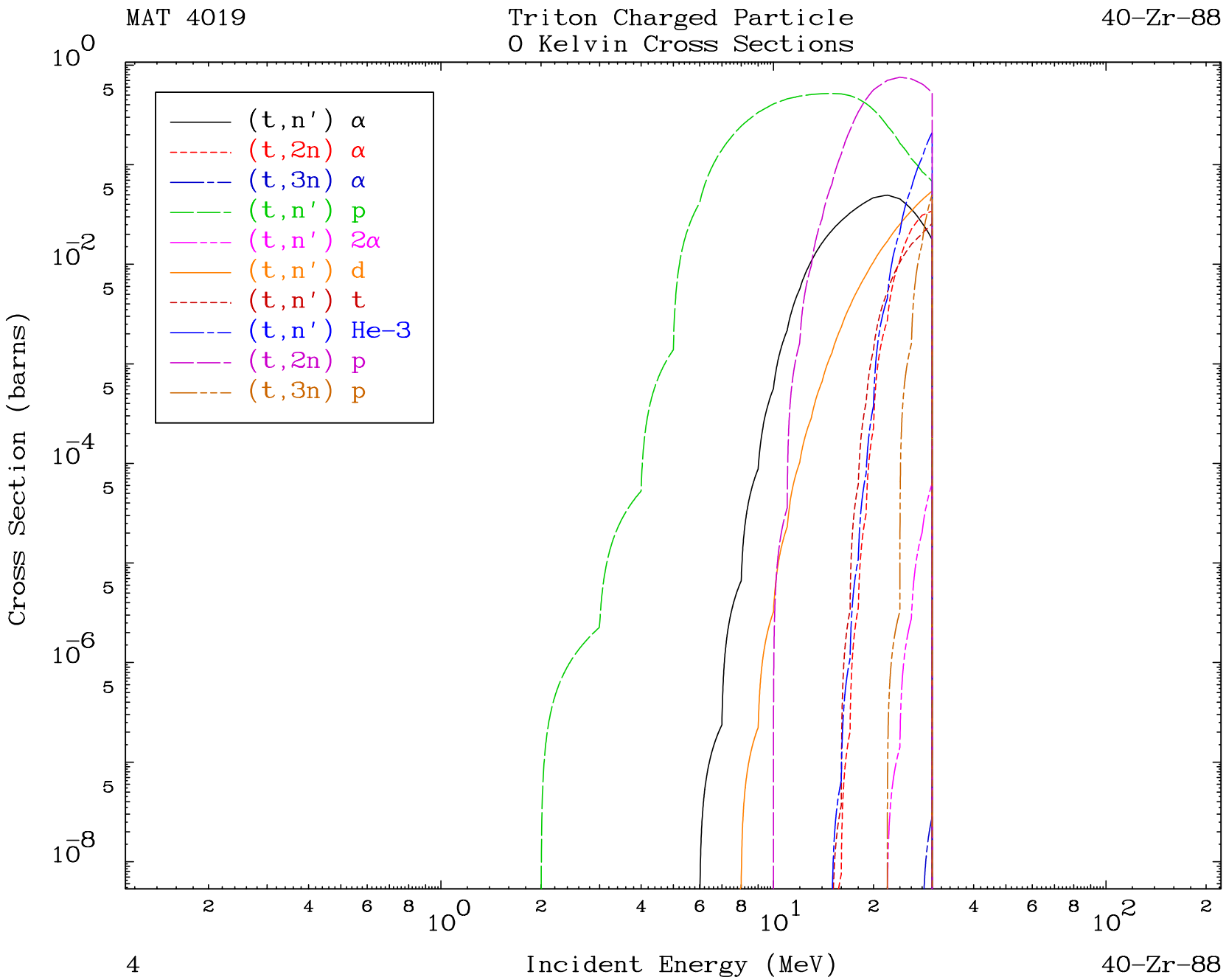
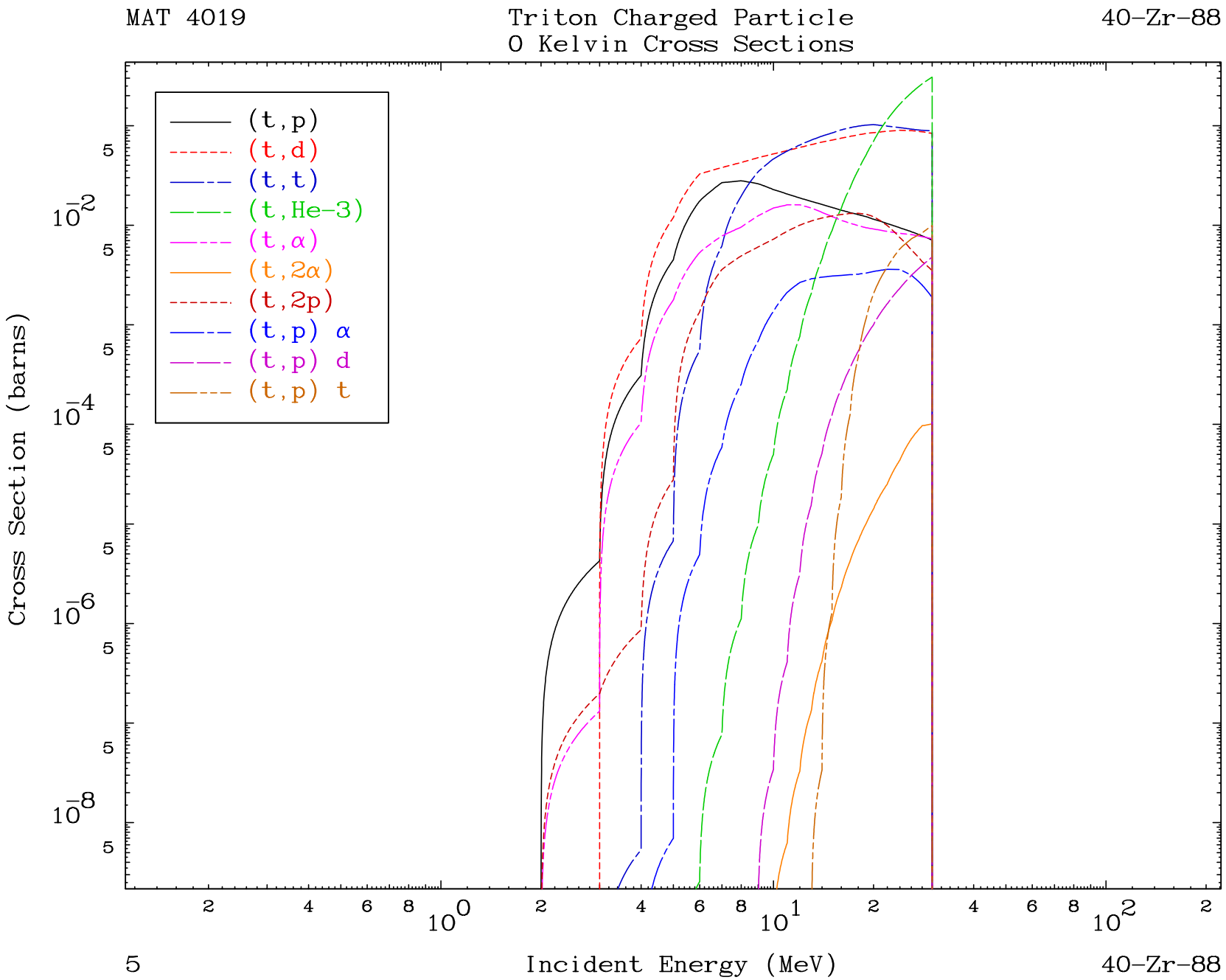
Press Mouse Button to Start

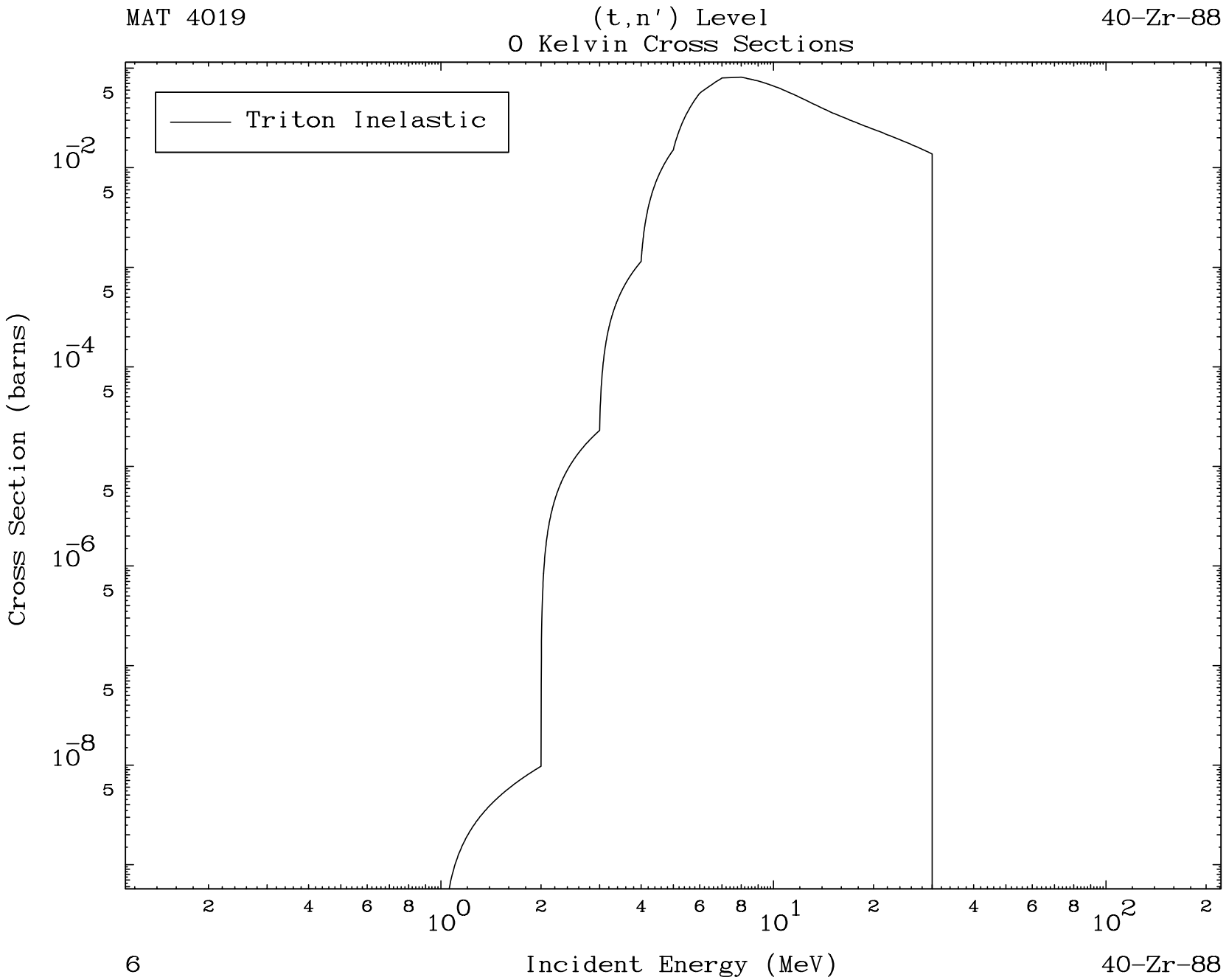

MAT 4019
Triton Major
40-Zr-88
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
1
40-Zr-88

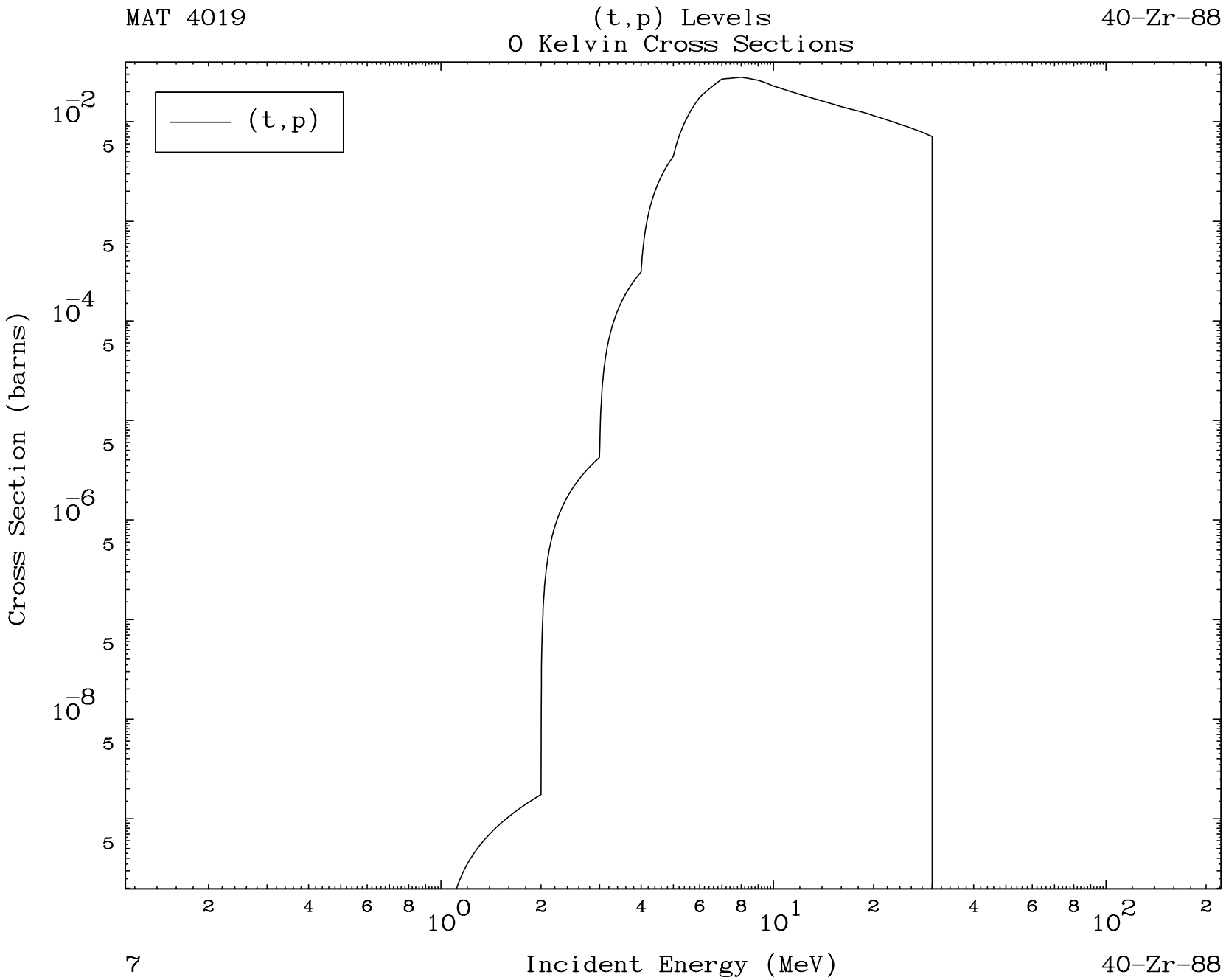

MAT 4019
Triton Neutron Production
0 Kelvin Cross Sections
40-Zr-88
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
40-Zr-88

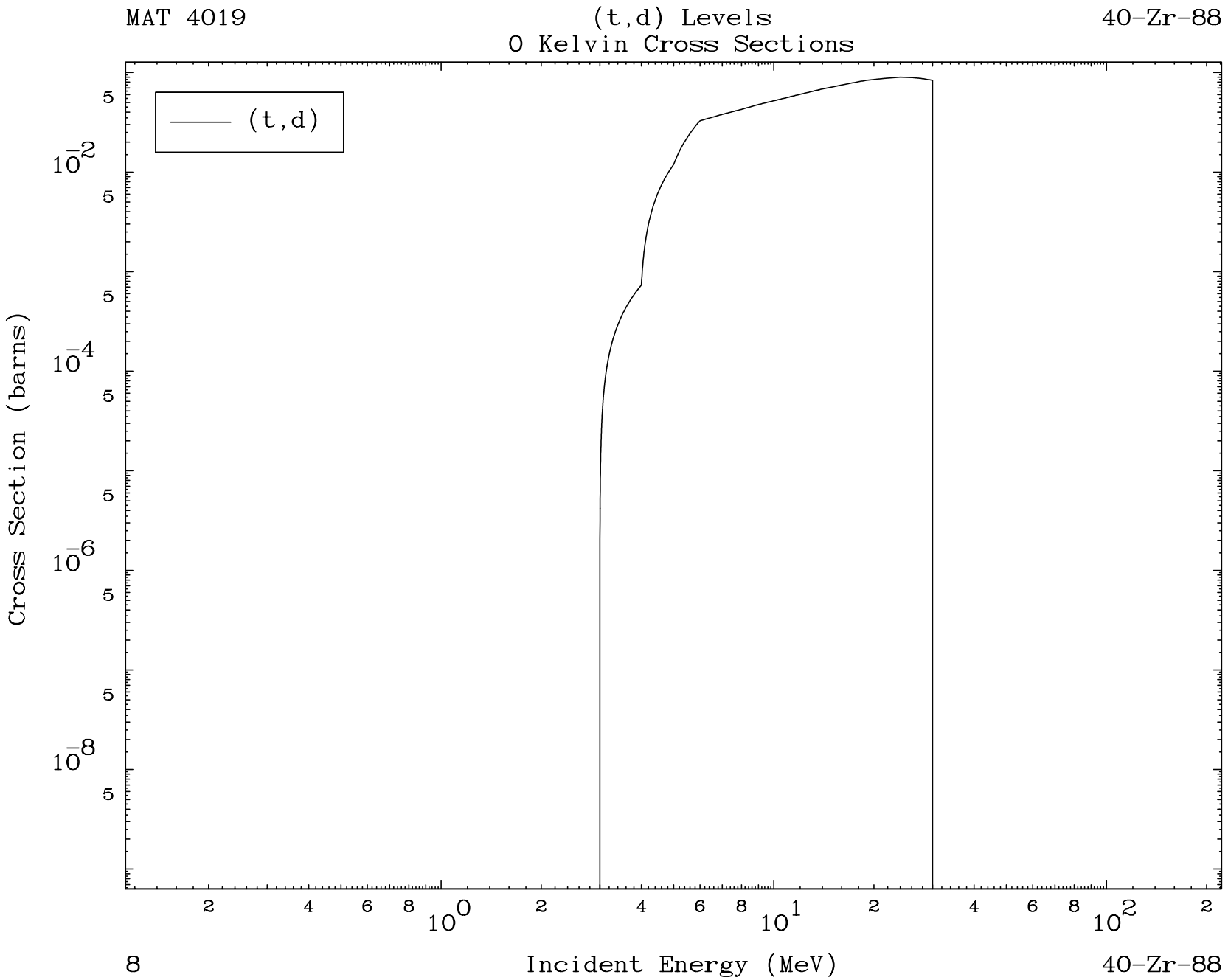

MAT 4019
Triton Neutron Production
0 Kelvin Cross Sections
40-Zr-88
Cross Section (barns)
Incident Energy (MeV)
3
40-Zr-88
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p

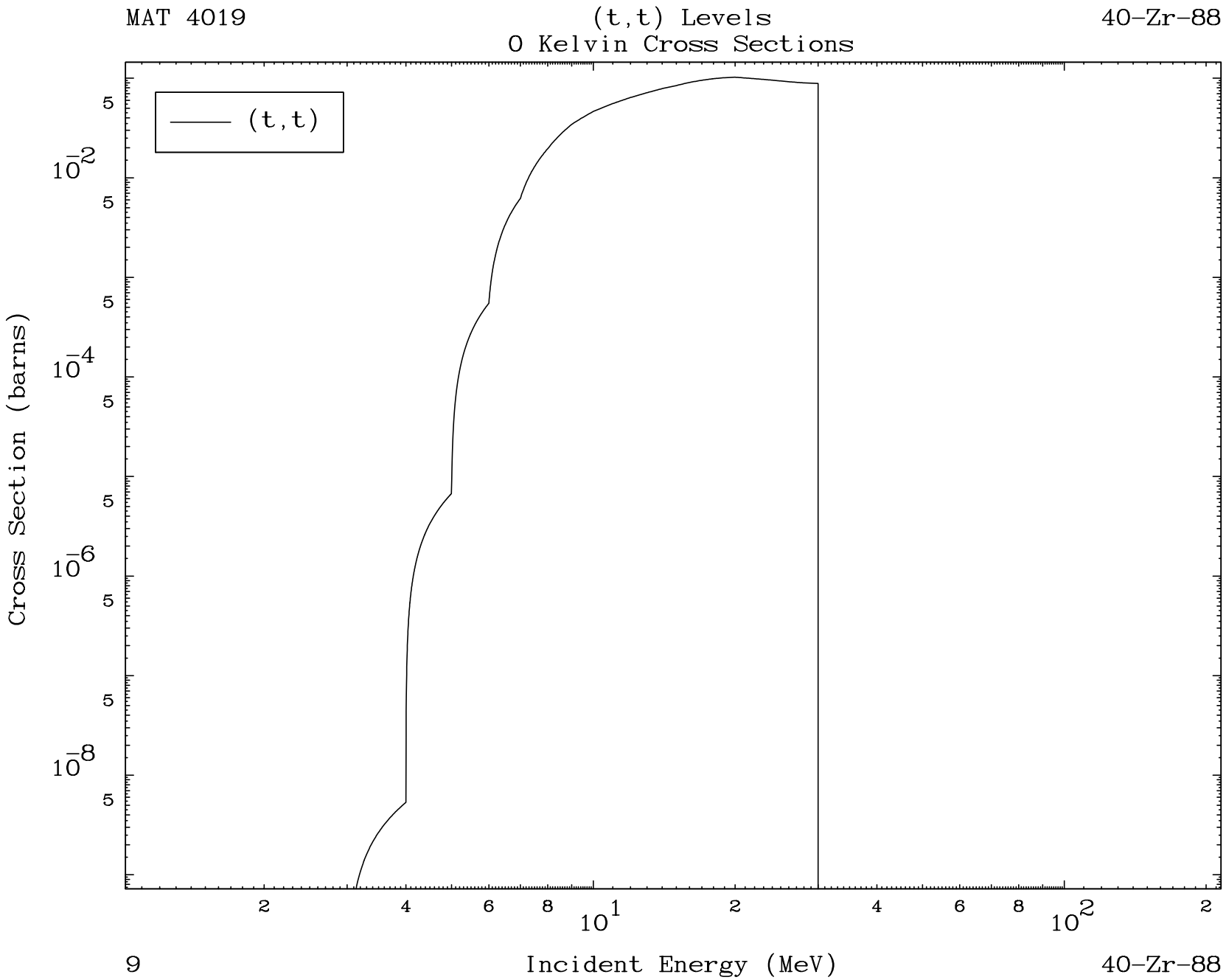

MAT 4019
Triton Charged Particle
0 Kelvin Cross Sections
40-Zr-88
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
40-Zr-88

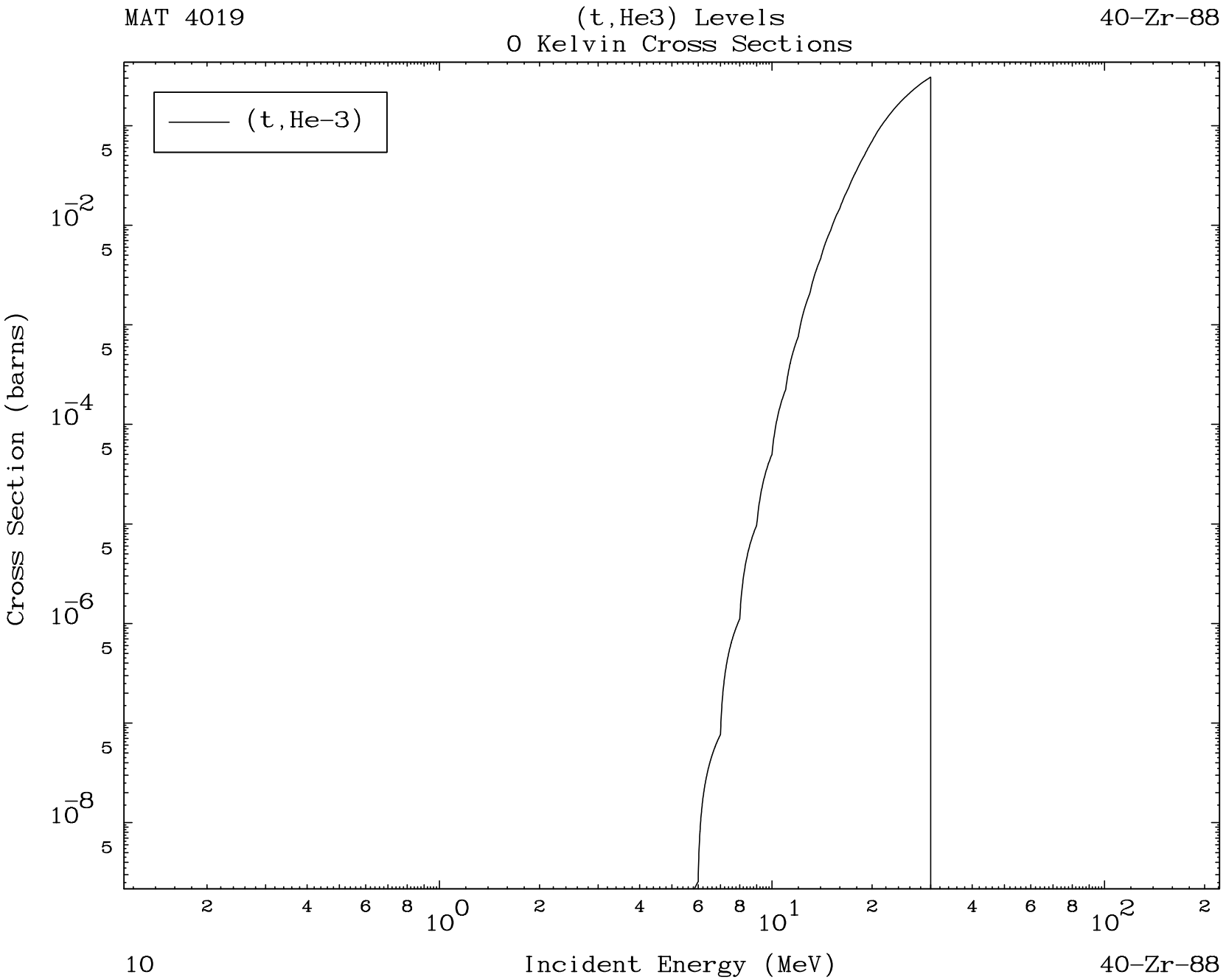

MAT 4019
Triton Charged Particle
0 Kelvin Cross Sections
40-Zr-88
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2α)
(t,2p)
(t,p) α
(t,p) d
(t,p) t
Cross Section (barns)
Incident Energy (MeV)
5
40-Zr-88

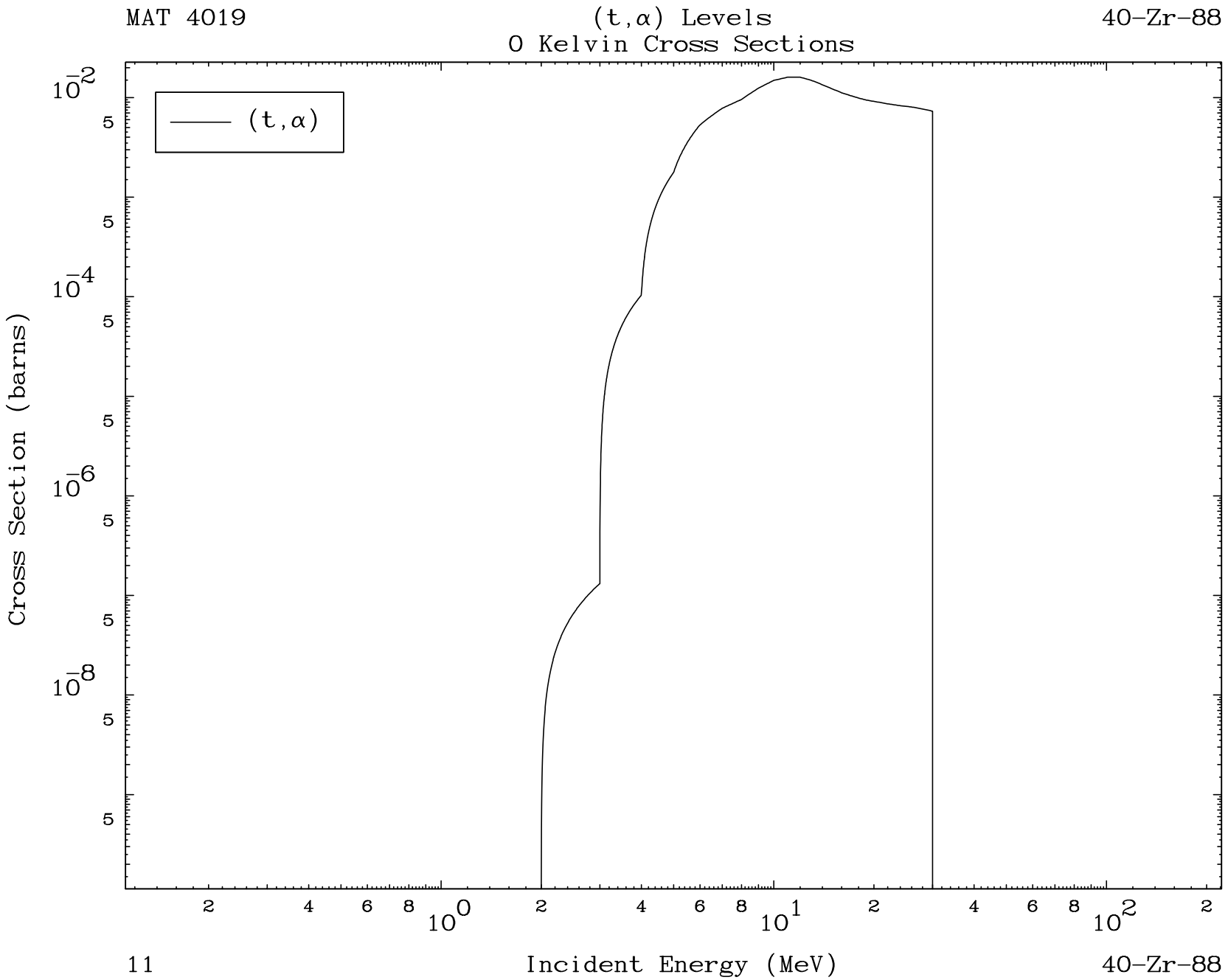

MAT 4019
(t,n') Level
40-Zr-88
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
40-Zr-88

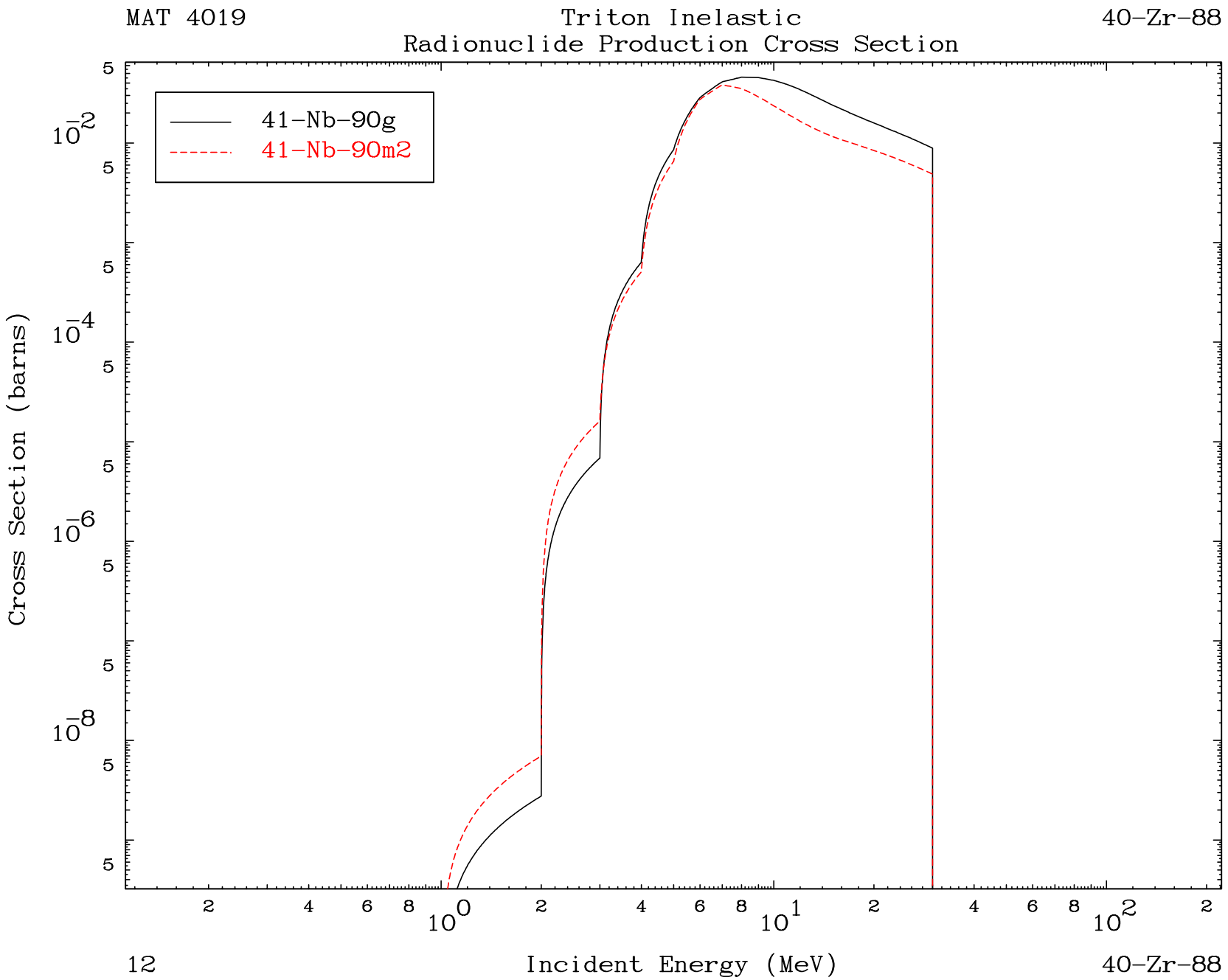

MAT 4019
(t,p) Levels
40-Zr-88
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
7
40-Zr-88

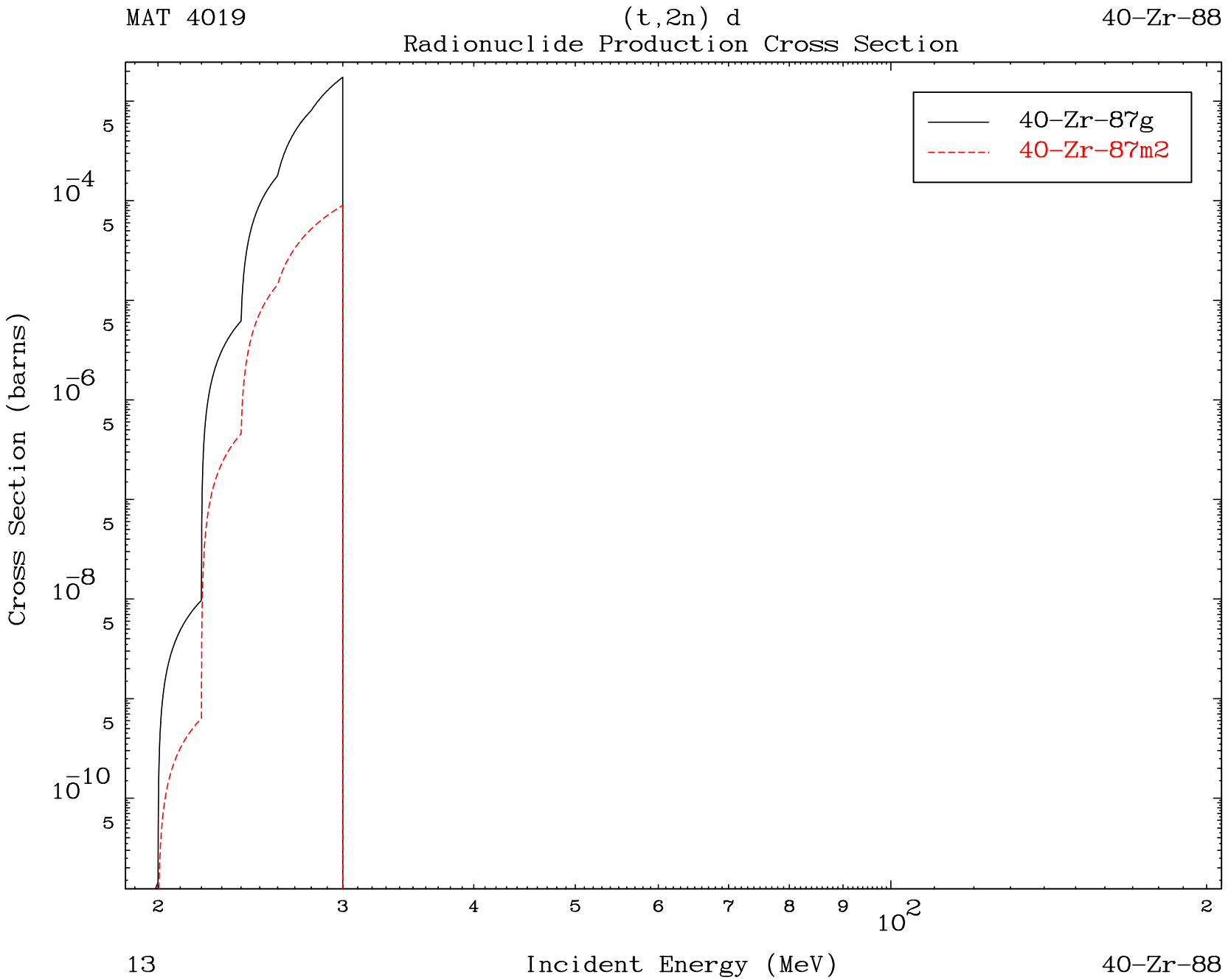

MAT 4019
(t,d) Levels
40-Zr-88
0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
8
40-Zr-88

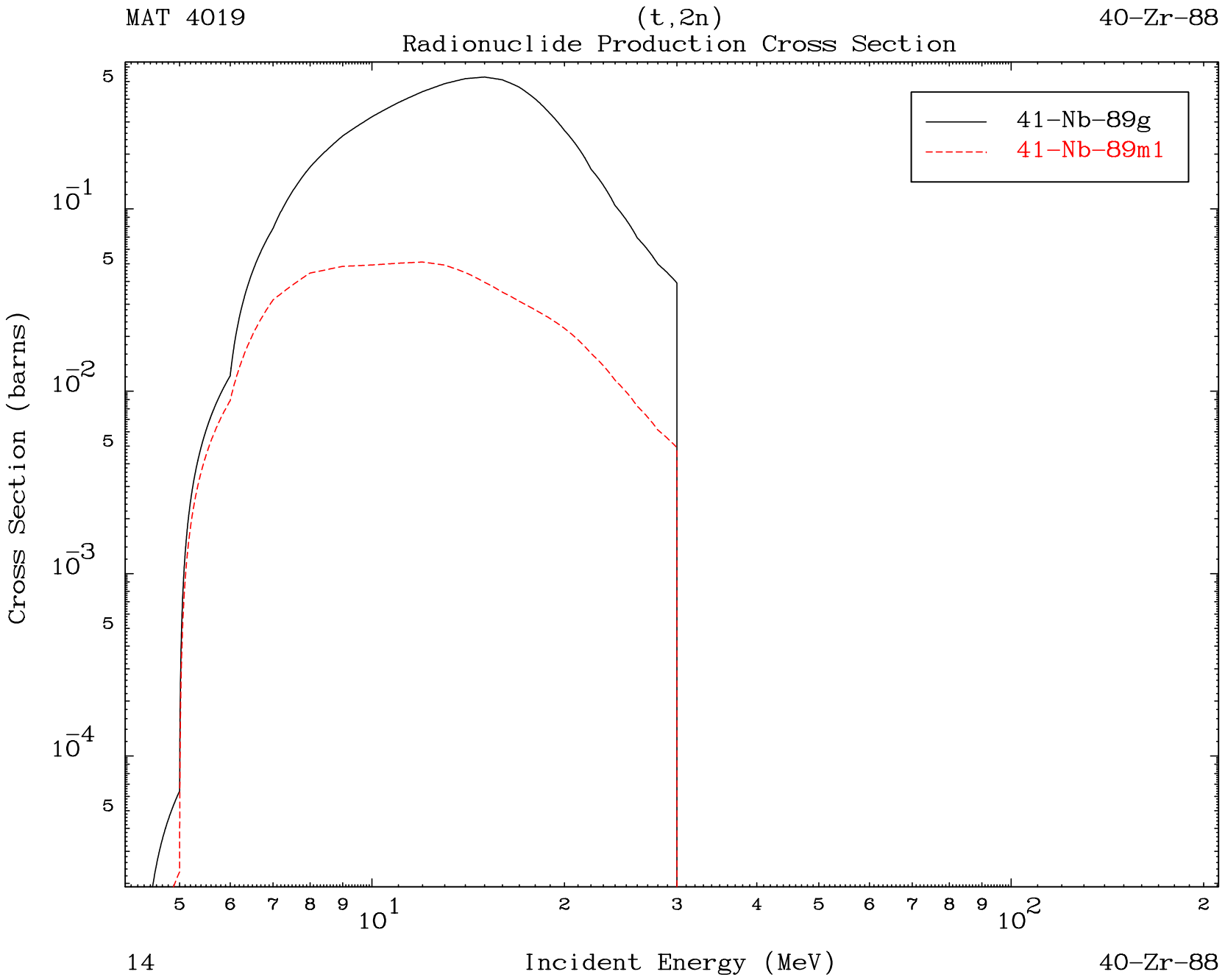

MAT 4019
(t,t) Levels
40-Zr-88
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
10 1
10 2
Incident Energy (MeV)
9
40-Zr-88

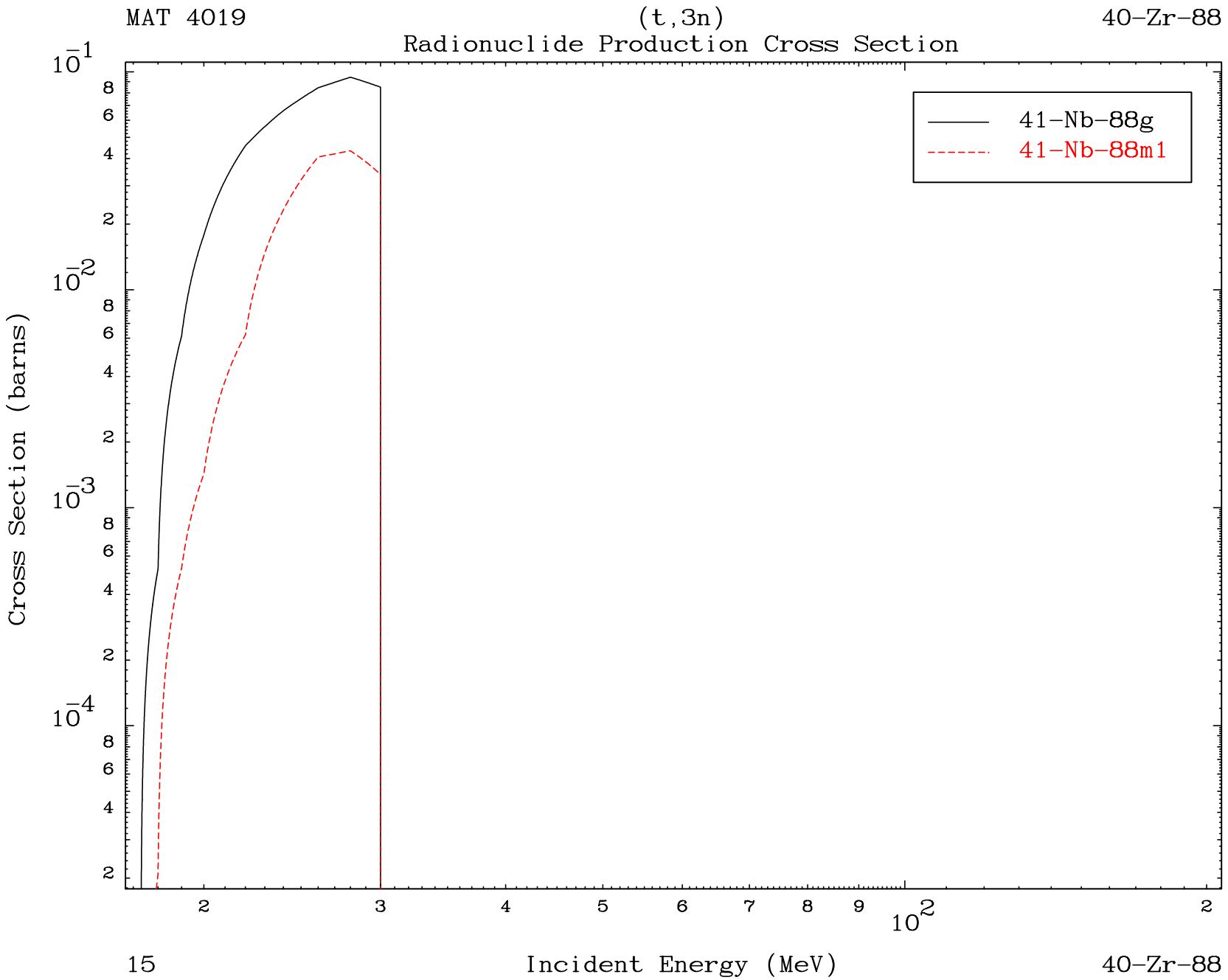

MAT 4019
(t,He3) Levels
40-Zr-88
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
40-Zr-88
10

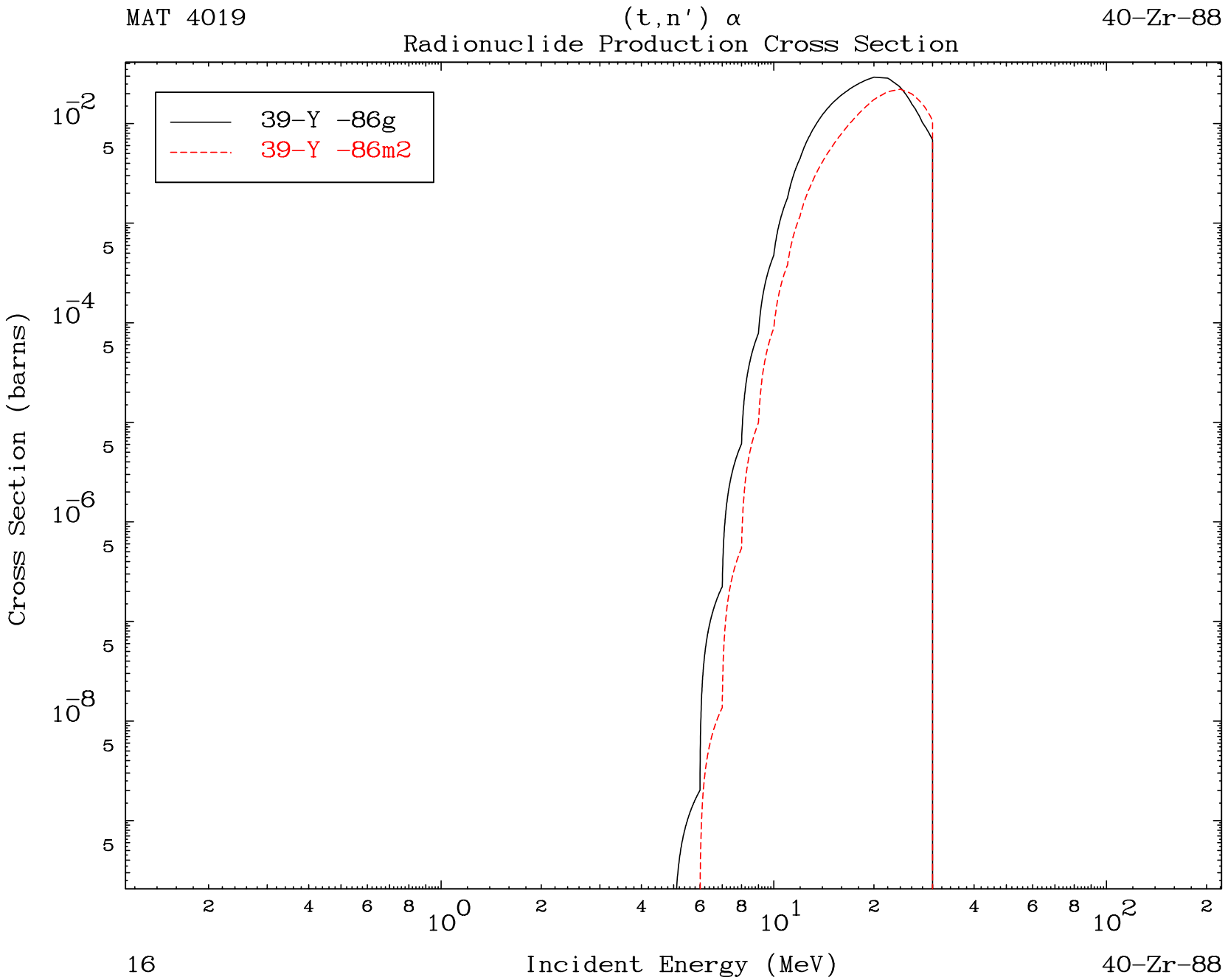

MAT 4019
(t,α) Levels
40-Zr-88
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
11
Incident Energy (MeV)
40-Zr-88

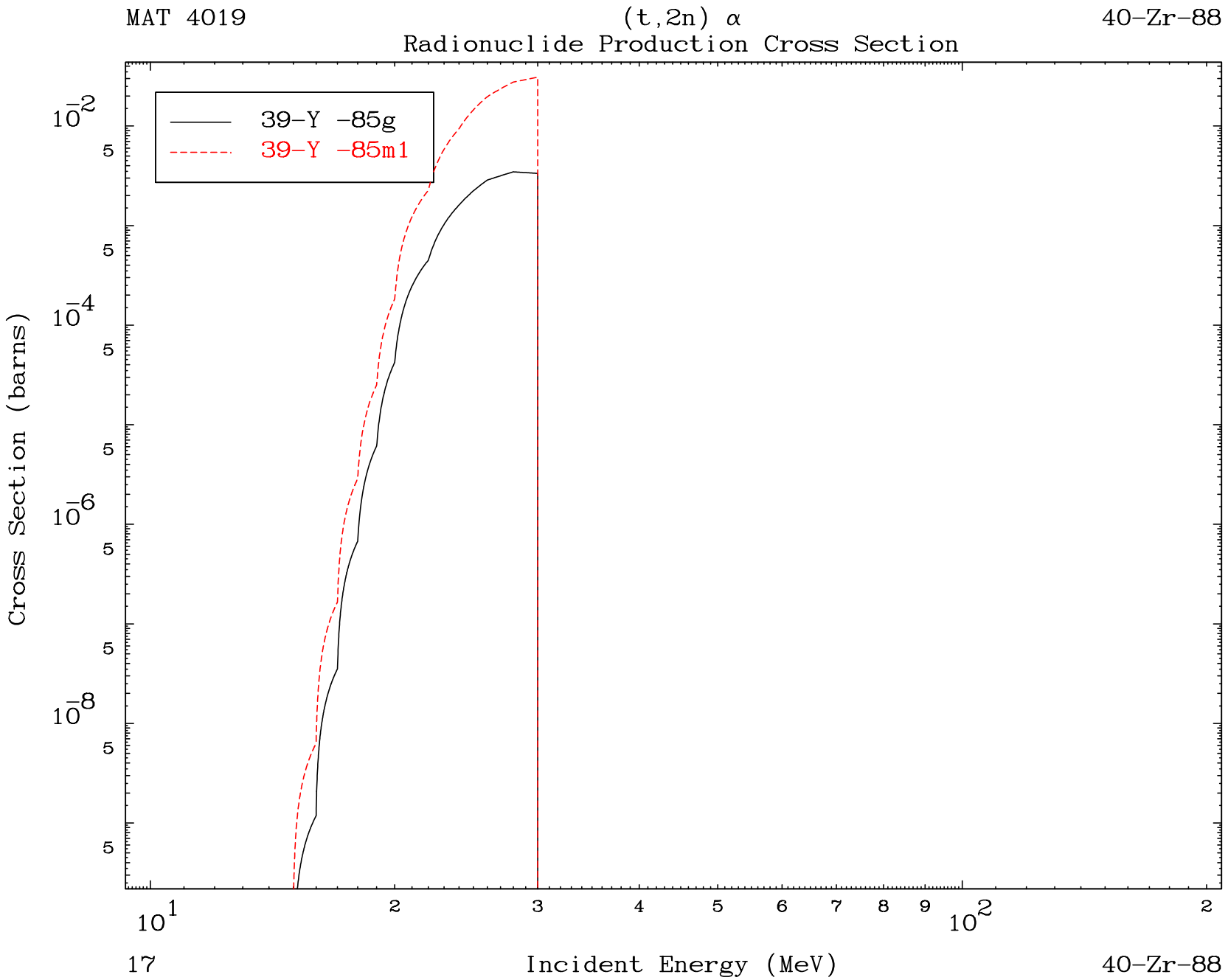

MAT 4019
Triton Inelastic
40-Zr-88
Radionuclide Production Cross Section
41-Nb-90g
41-Nb-90m2
Cross Section (barns)
Incident Energy (MeV)
12
40-Zr-88

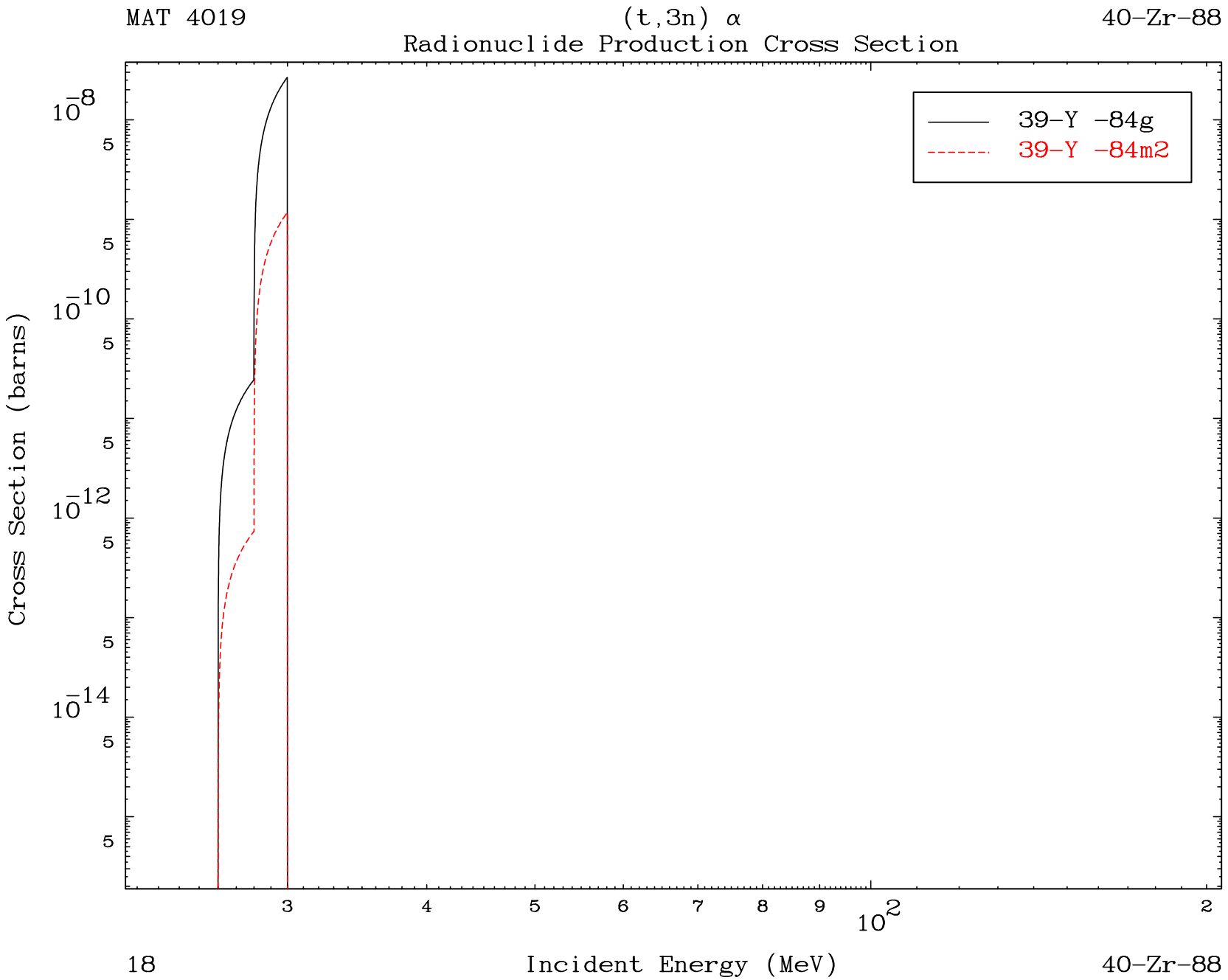

MAT 4019
(t,2n) d
40-Zr-88
Radionuclide Production Cross Section
40-Zr-87g
40-Zr-87m2
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
40-Zr-88

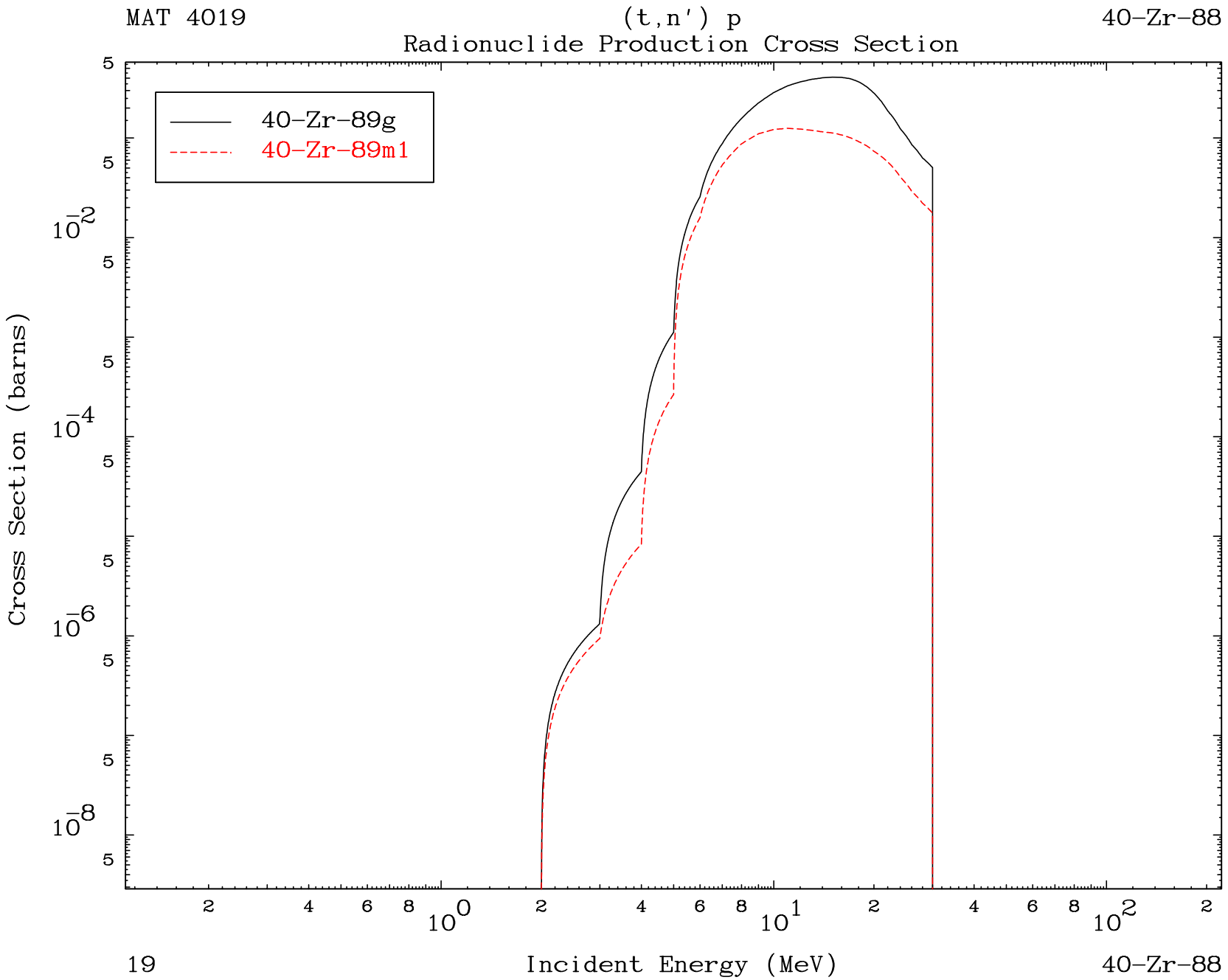

MAT 4019
(t,2n)
40-Zr-88
Radionuclide Production Cross Section
41-Nb-89g
41-Nb-89m1
Cross Section (barns)
Incident Energy (MeV)
14
40-Zr-88

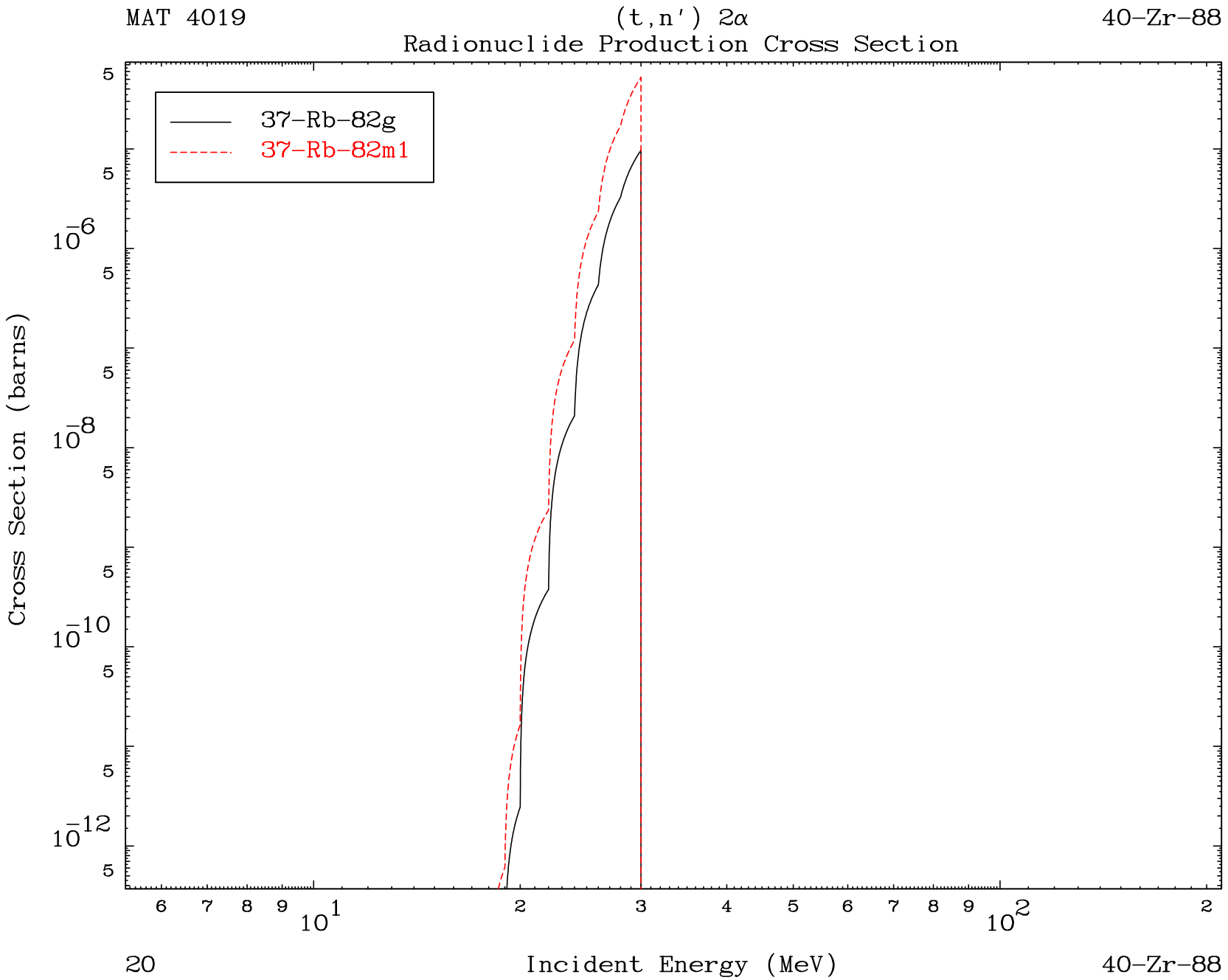

MAT 4019
(t,3n)
40-Zr-88
Radionuclide Production Cross Section
41-Nb-88g
41-Nb-88m1
Cross Section (barns)
Incident Energy (MeV)
15
40-Zr-88

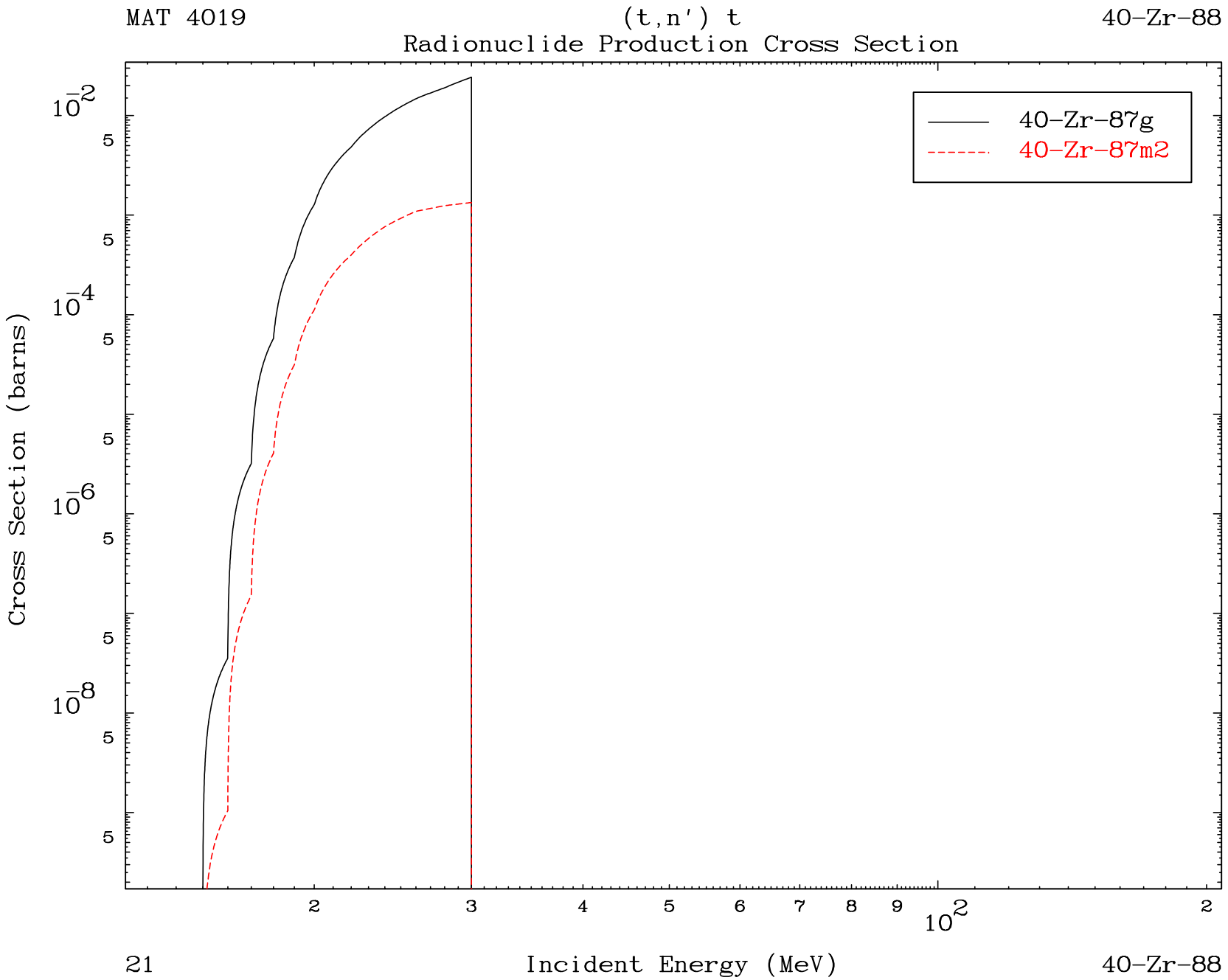

MAT 4019
(t,n') α
40-Zr-88
Radionuclide Production Cross Section
39-Y -86g
39-Y -86m2
Cross Section (barns)
Incident Energy (MeV)
16
40-Zr-88

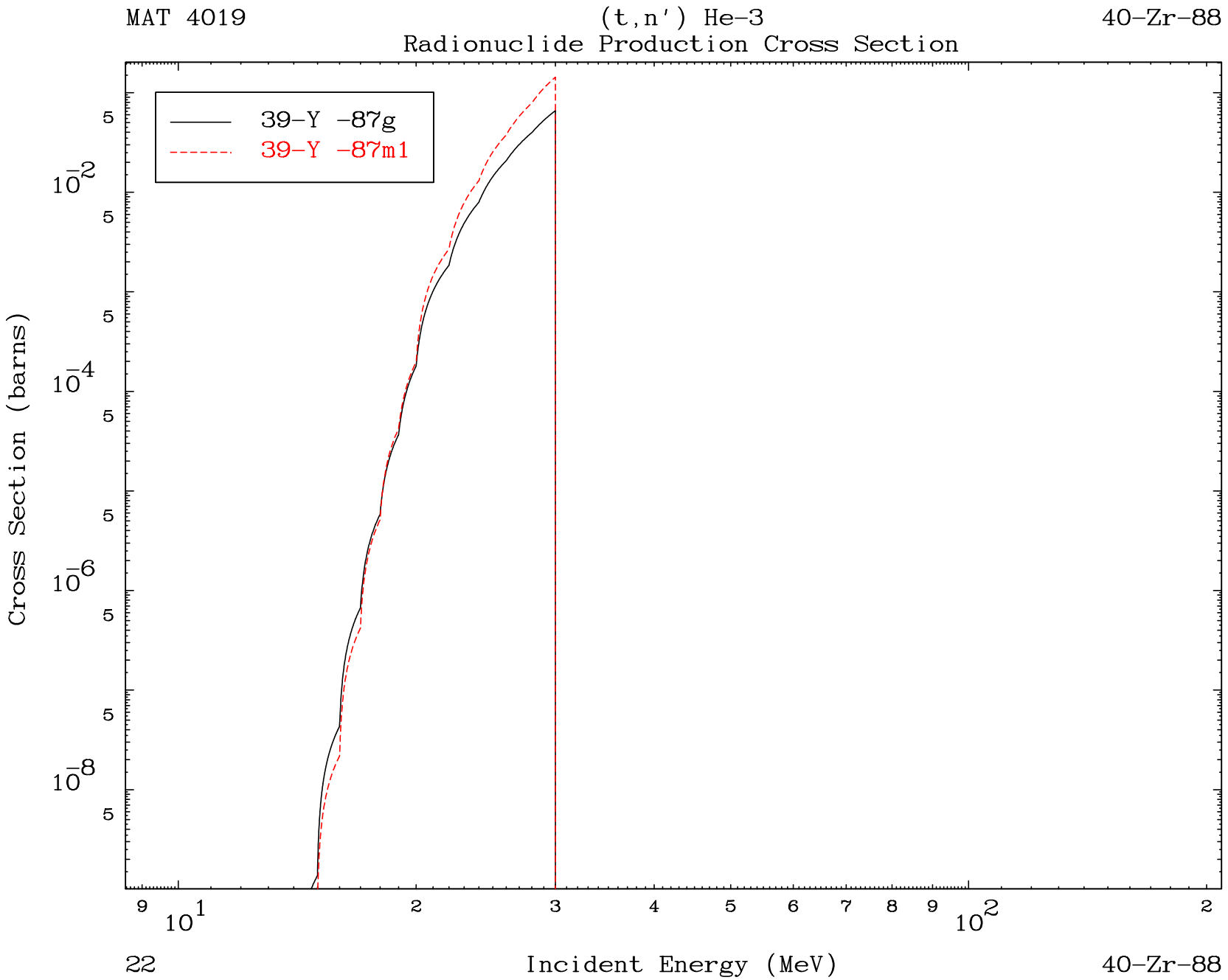

MAT 4019
(t,2n) α
40-Zr-88
Radionuclide Production Cross Section
39-Y -85g
39-Y -85m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
101
2
3
4
5
6
7
8
9
102
2
17
Incident Energy (MeV)
40-Zr-88

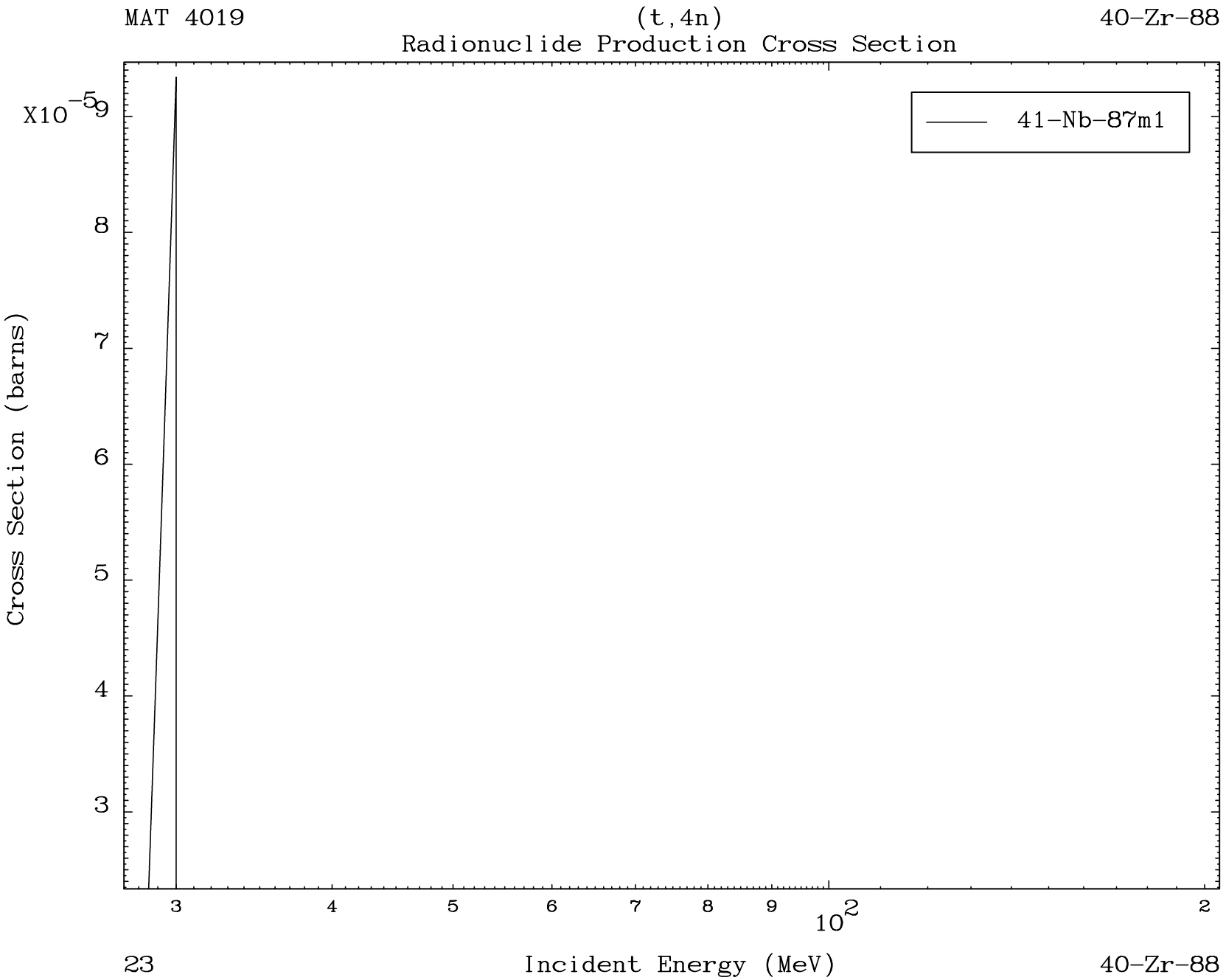

MAT 4019
(t,3n) α
40-Zr-88
Radionuclide Production Cross Section
39-Y -84g
39-Y -84m2
Cross Section (barns)
10-8
10-10
10-12
10-14
5
3
4
5
6
7
8
9
10 2
2
18
Incident Energy (MeV)
40-Zr-88

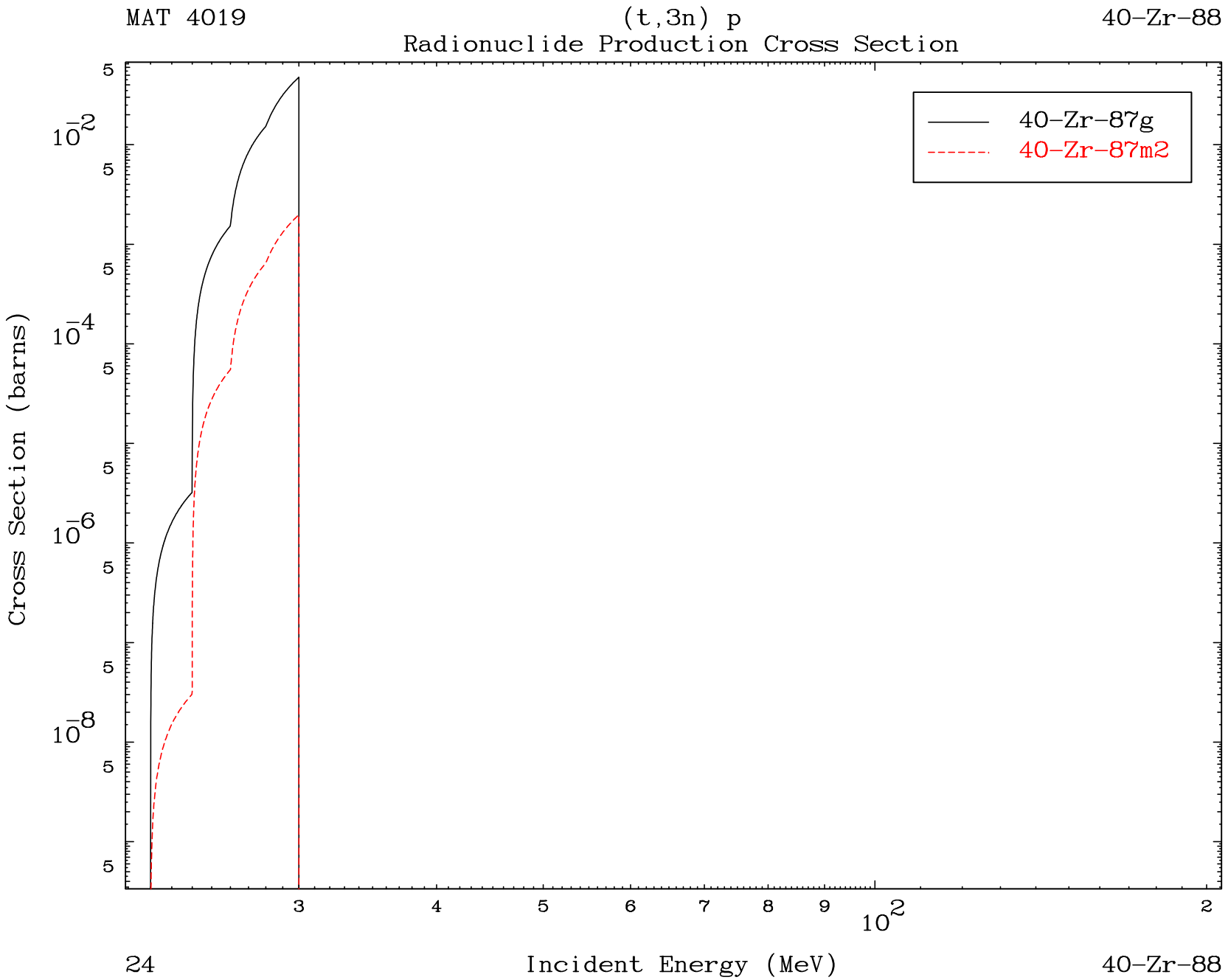

MAT 4019
(t,n') p
40-Zr-88
Radionuclide Production Cross Section
40-Zr-89g
40-Zr-89m1
Cross Section (barns)
Incident Energy (MeV)
19
40-Zr-88

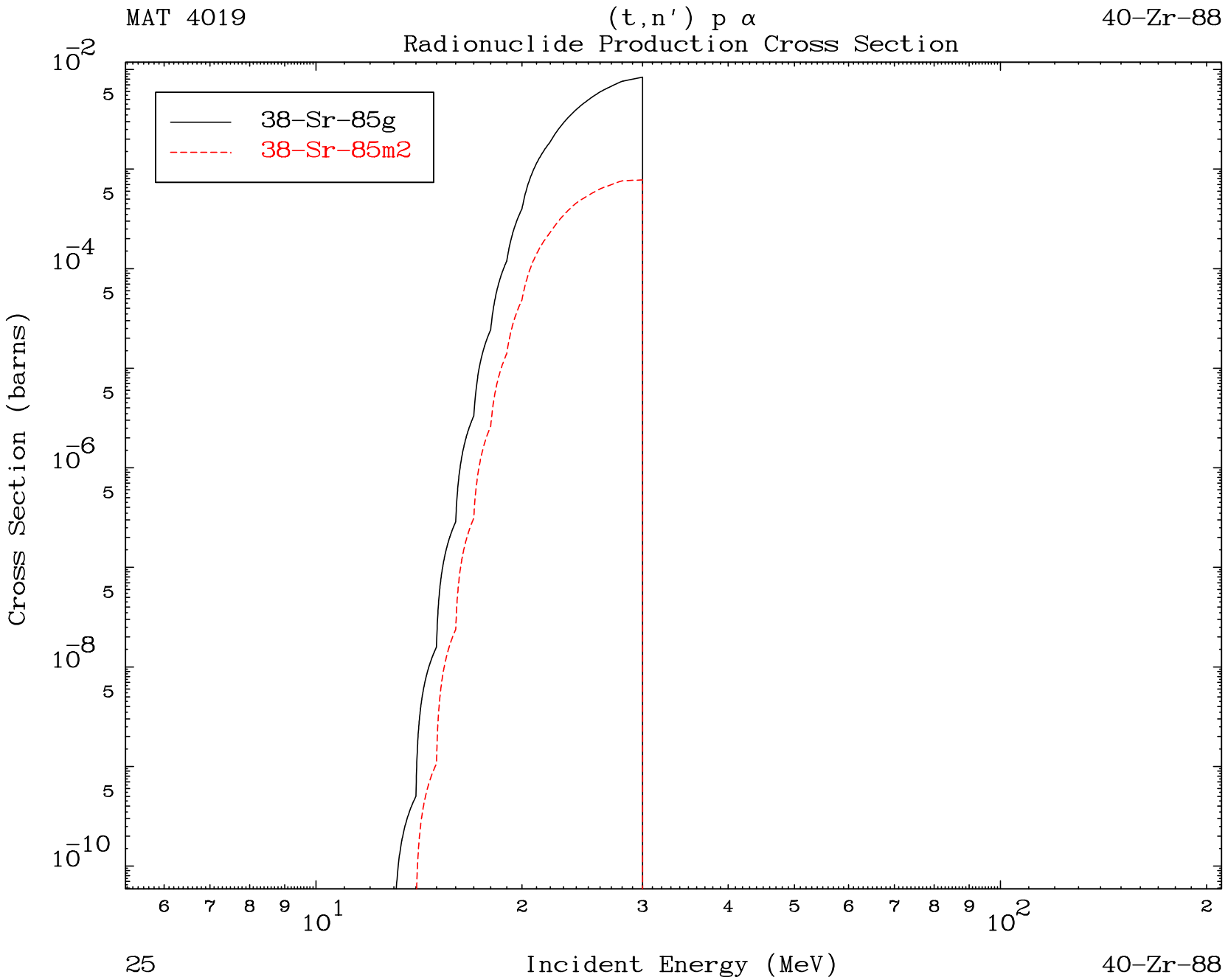

MAT 4019
(t,n') 2α
40-Zr-88
Radionuclide Production Cross Section
37-Rb-82g
37-Rb-82m1
Cross Section (barns)
Incident Energy (MeV)
20
40-Zr-88

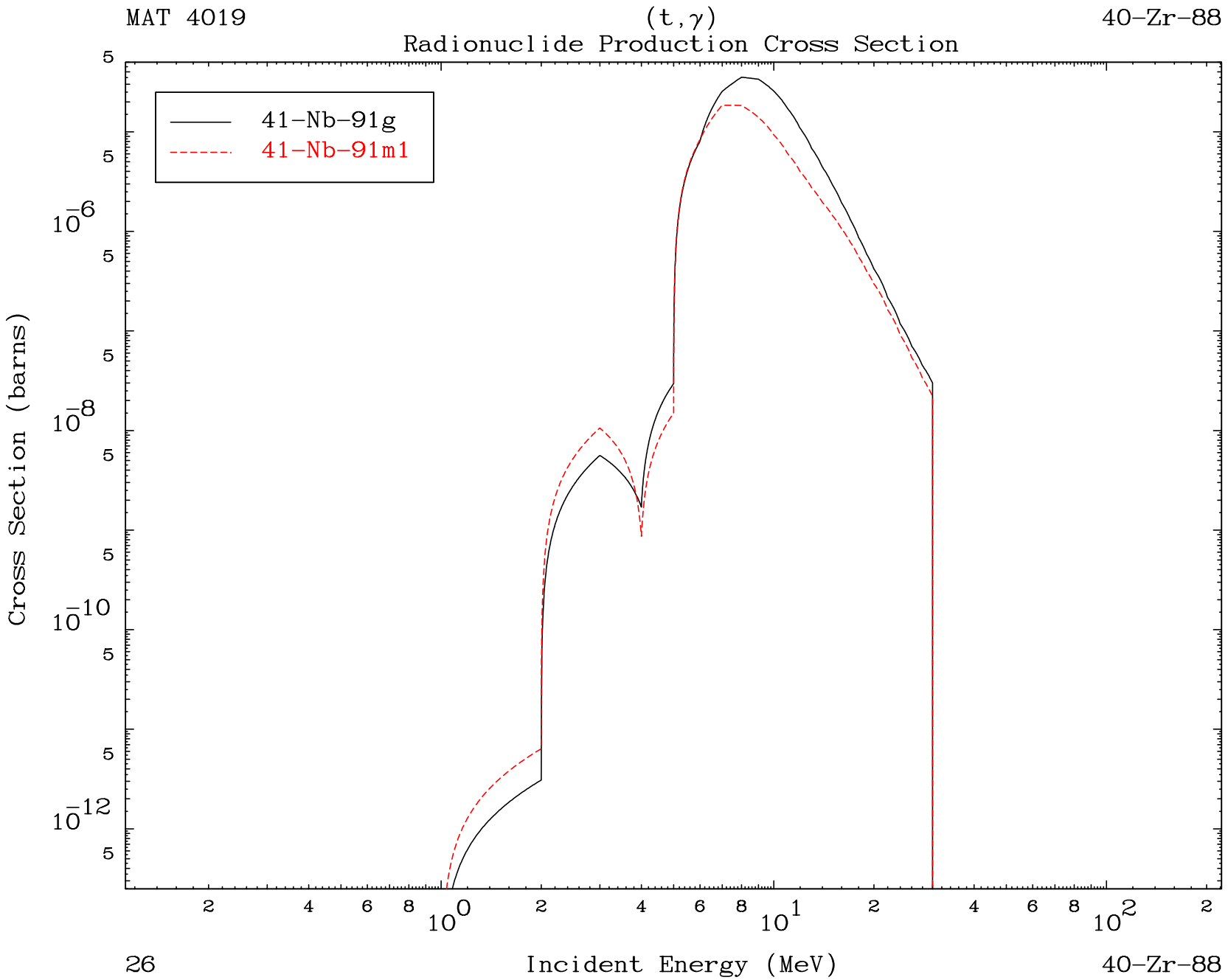

MAT 4019
(t,n') t
40-Zr-88
Radionuclide Production Cross Section
40-Zr-87g
40-Zr-87m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
21
Incident Energy (MeV)
40-Zr-88

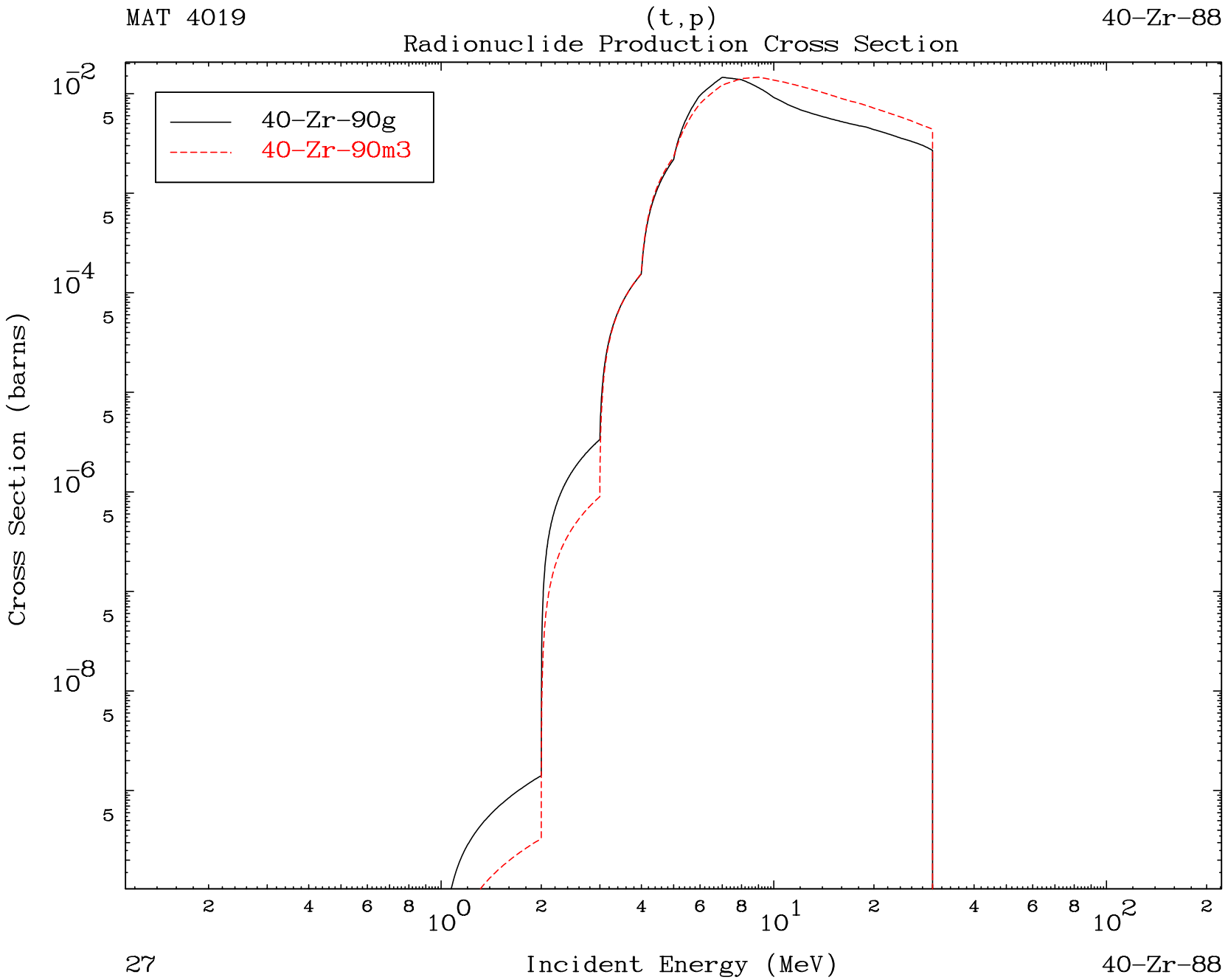

MAT 4019
(t,n') He-3
40-Zr-88
Radionuclide Production Cross Section
39-Y -87g
39-Y -87m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
9
10 1
2
3
4
5
6
7
8
9
10 2
2
22
Incident Energy (MeV)
40-Zr-88

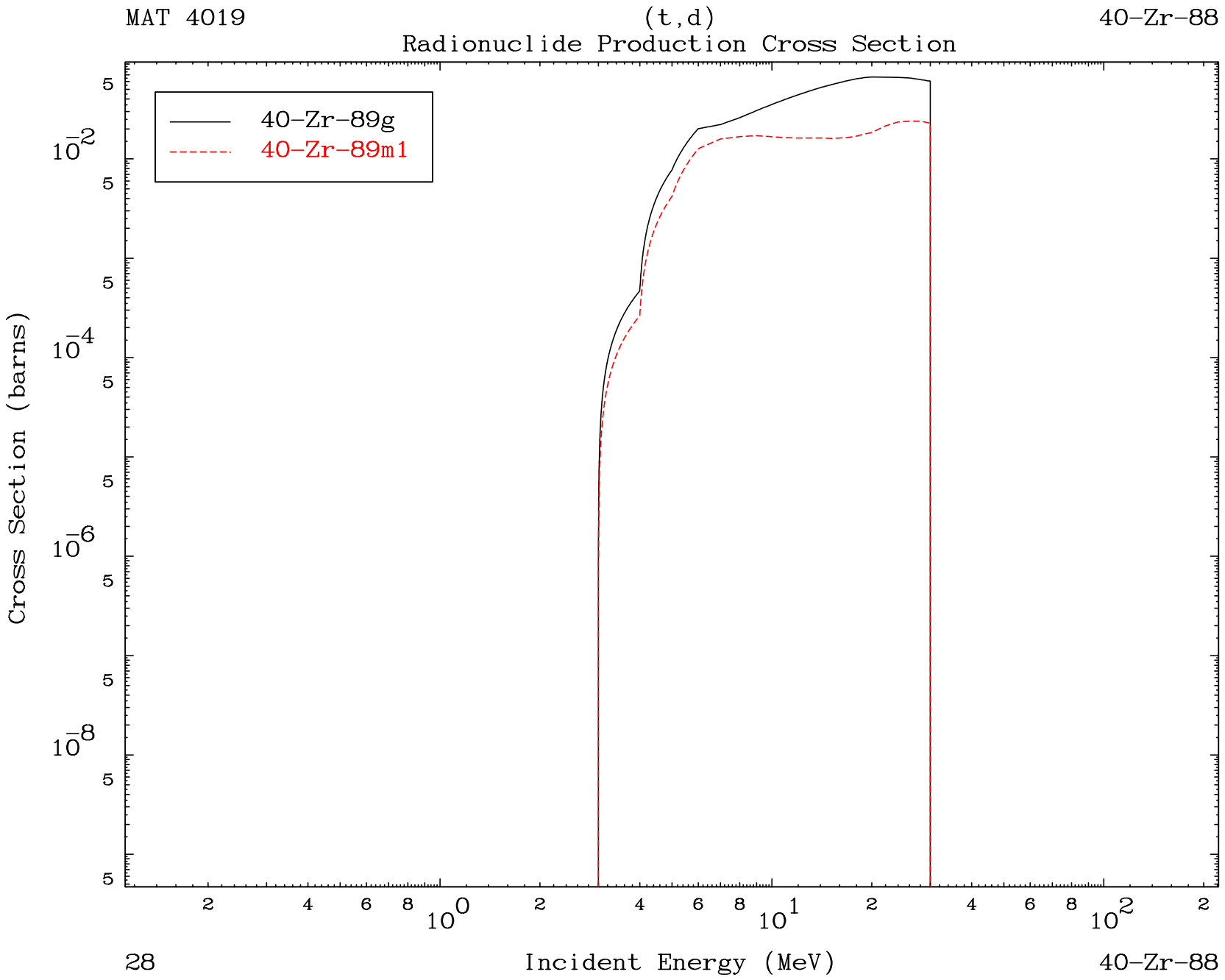

MAT 4019
(t,4n)
40-Zr-88
Radionuclide Production Cross Section
X10^-5
9
8
7
6
5
4
3
Cross Section (barns)
41-Nb-87m1
3
4
5
6
7
8
9
10^2
2
23
Incident Energy (MeV)
40-Zr-88

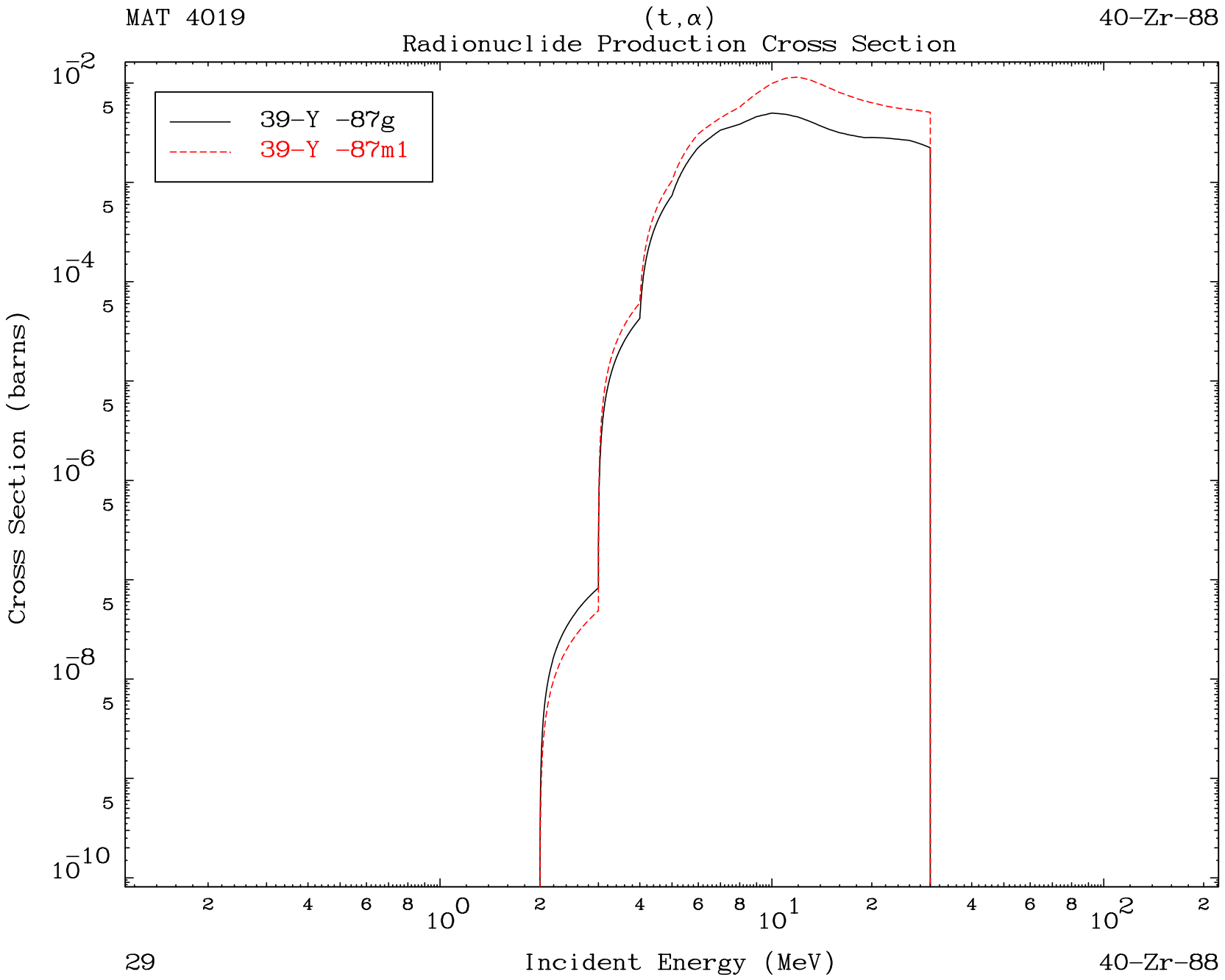

MAT 4019
(t,3n) p
40-Zr-88
Radionuclide Production Cross Section
40-Zr-87g
40-Zr-87m2
Cross Section (barns)
Incident Energy (MeV)
24
40-Zr-88

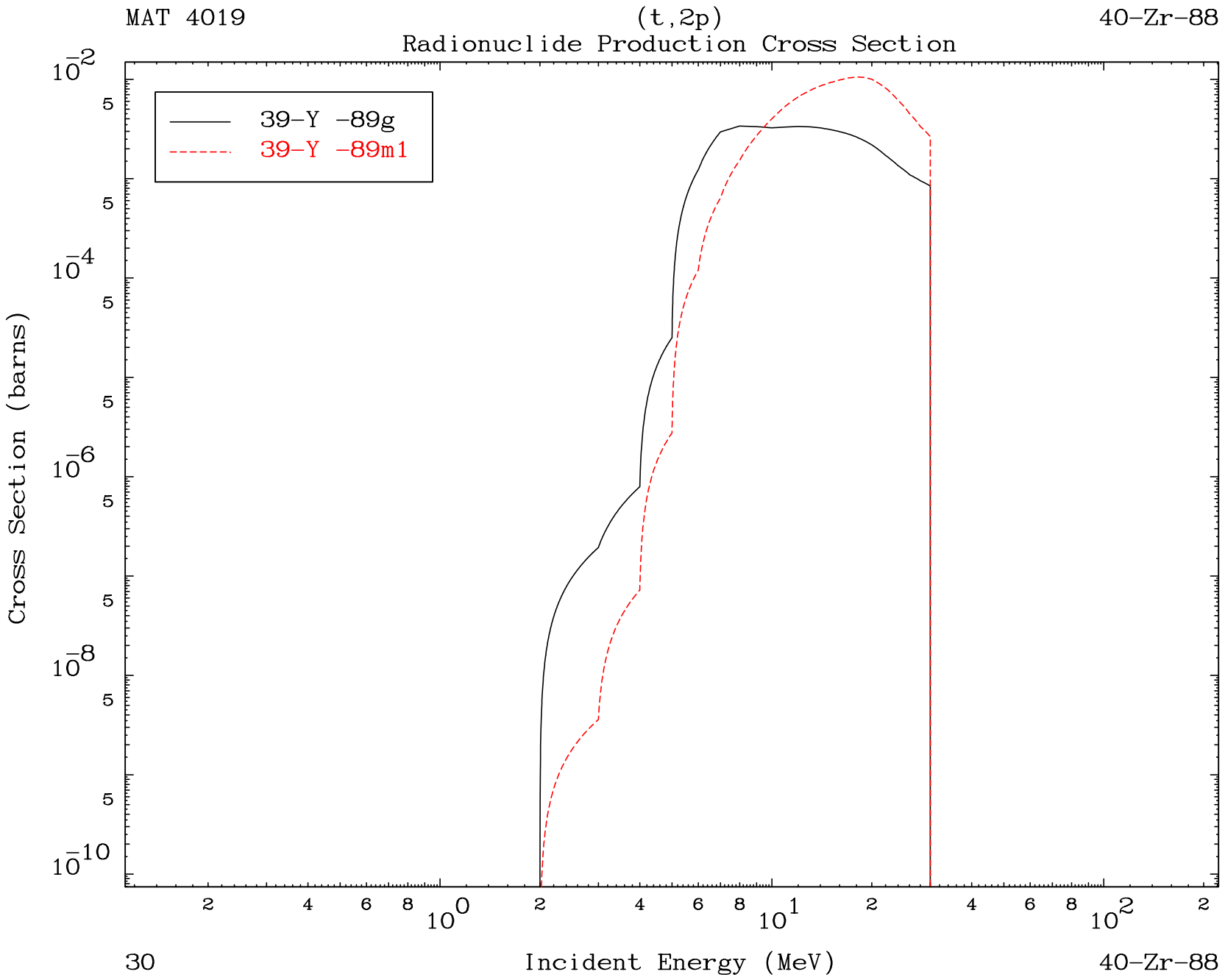

MAT 4019
(t,n') p α
40-Zr-88
Radionuclide Production Cross Section
38-Sr-85g
38-Sr-85m2
Cross Section (barns)
Incident Energy (MeV)
25
40-Zr-88

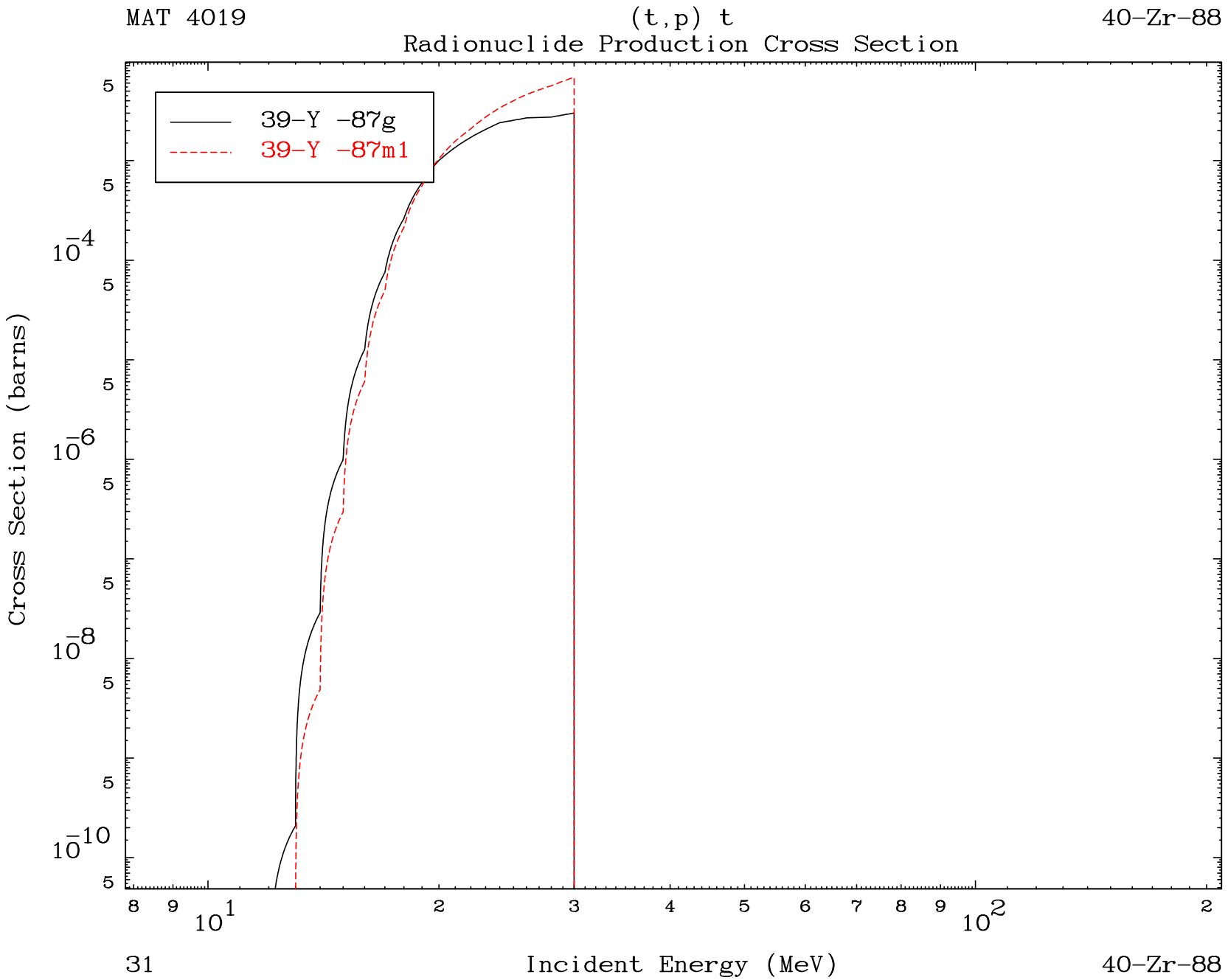

MAT 4019
(t,γ)
40-Zr-88
Radionuclide Production Cross Section
41-Nb-91g
41-Nb-91m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
26
40-Zr-88

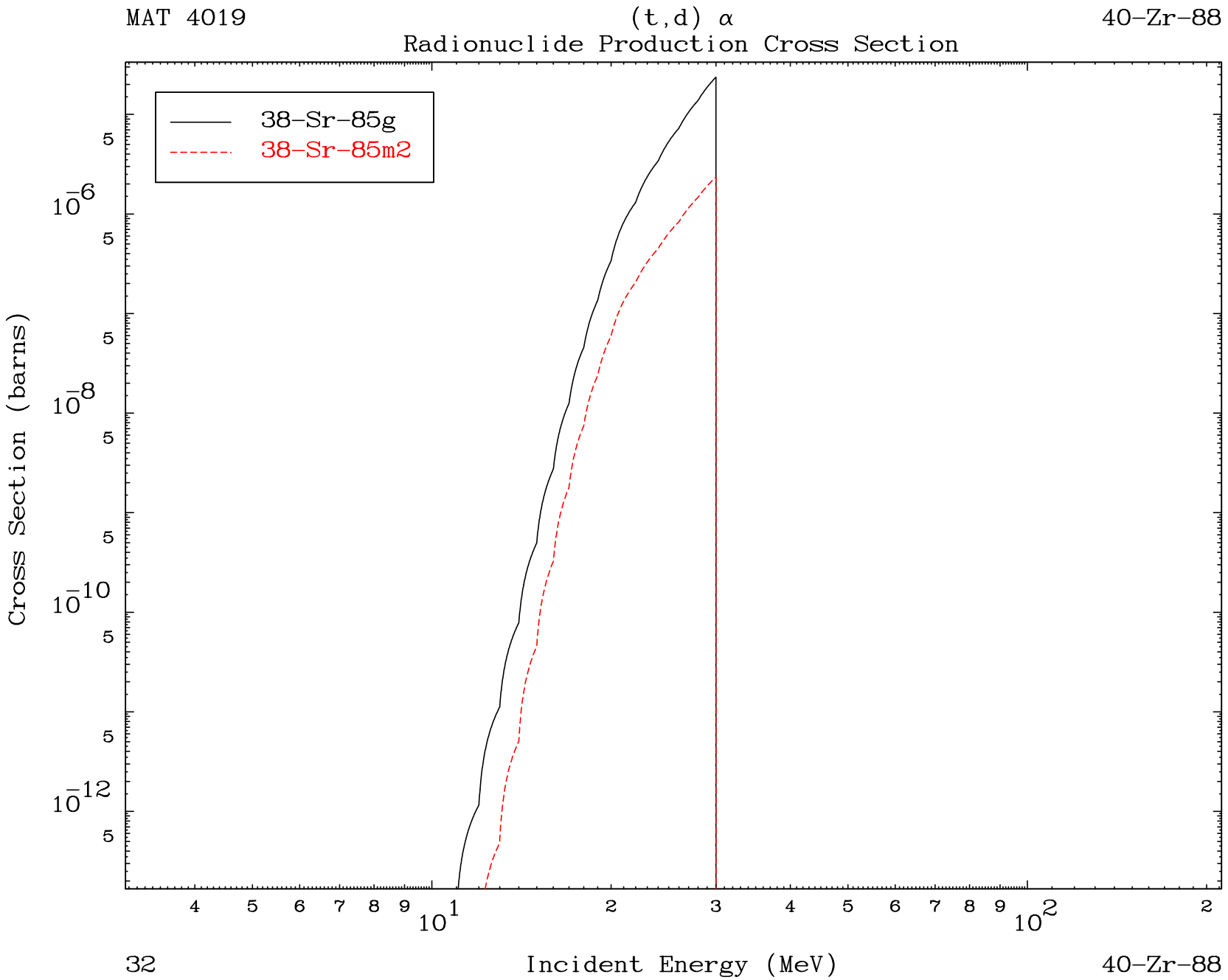

MAT 4019
(t,p)
40-Zr-88
Radionuclide Production Cross Section
40-Zr-90g
40-Zr-90m3
Cross Section (barns)
Incident Energy (MeV)
27
40-Zr-88


MAT 4019
(t,d)
40-Zr-88
Radionuclide Production Cross Section
40-Zr-89g
40-Zr-89m1
Cross Section (barns)
10-2
10-4
10-6
10-8
10 0
10 1
10 2
Incident Energy (MeV)
28
40-Zr-88


MAT 4019
(t,α)
40-Zr-88
Radionuclide Production Cross Section
39-Y -87g
39-Y -87m1
Cross Section (barns)
Incident Energy (MeV)
29
40-Zr-88


MAT 4019
(t,2p)
40-Zr-88
Radionuclide Production Cross Section
39-Y -89g
39-Y -89m1
Cross Section (barns)
Incident Energy (MeV)
30
40-Zr-88


MAT 4019
(t,p) t
40-Zr-88
Radionuclide Production Cross Section
39-Y -87g
39-Y -87m1
Cross Section (barns)
Incident Energy (MeV)
31
40-Zr-88


MAT 4019
(t,d) α
40-Zr-88
Radionuclide Production Cross Section
38-Sr-85g
38-Sr-85m2
Cross Section (barns)
10-6
10-8
10-10
10-12
5
4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
32
Incident Energy (MeV)
40-Zr-88