

Program Complot  
(Version 2021-1)

by

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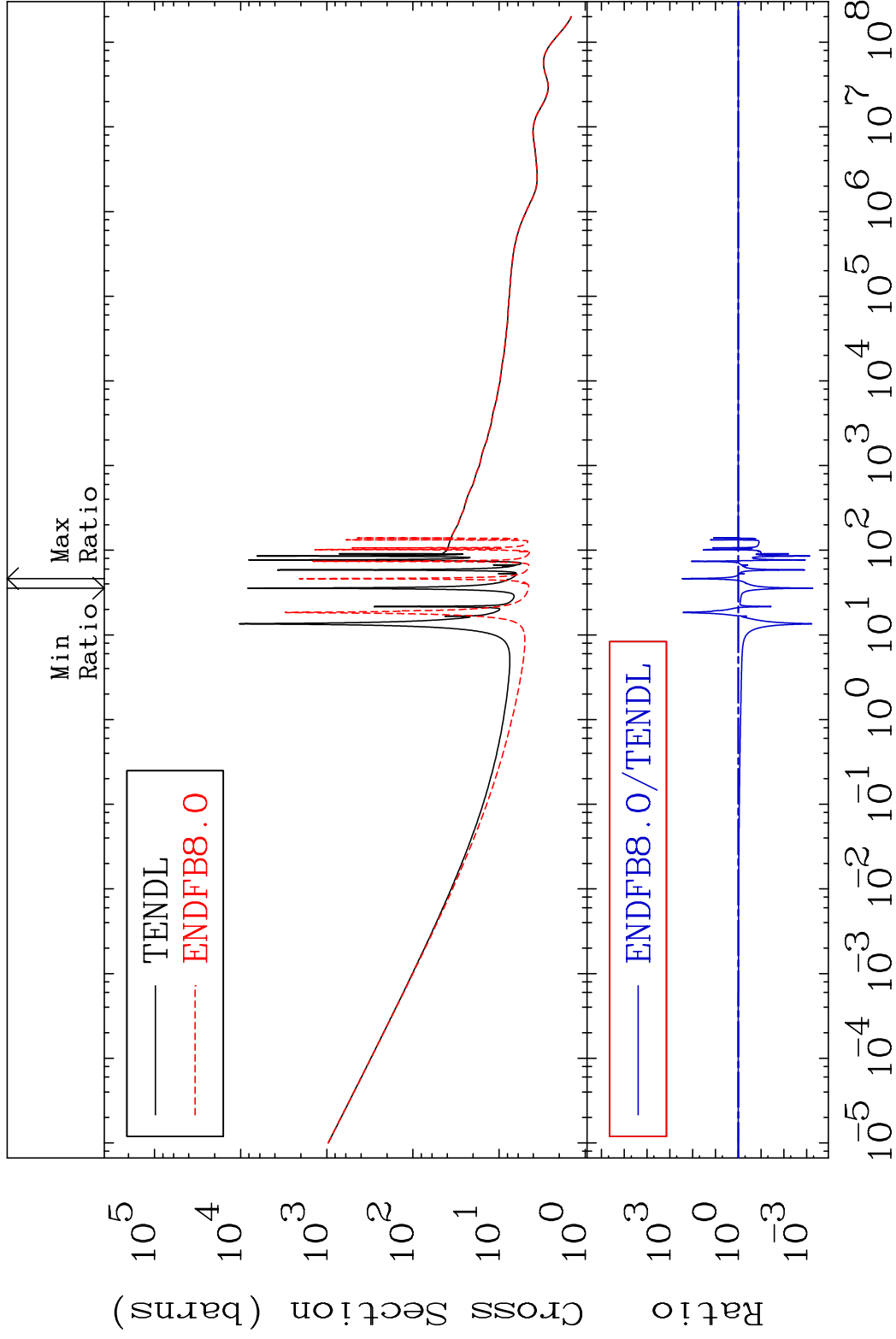
Press Mouse Button to Start

MAT 3634

Total

36-Kr-81

Cross Section -99.94 To 9999. %

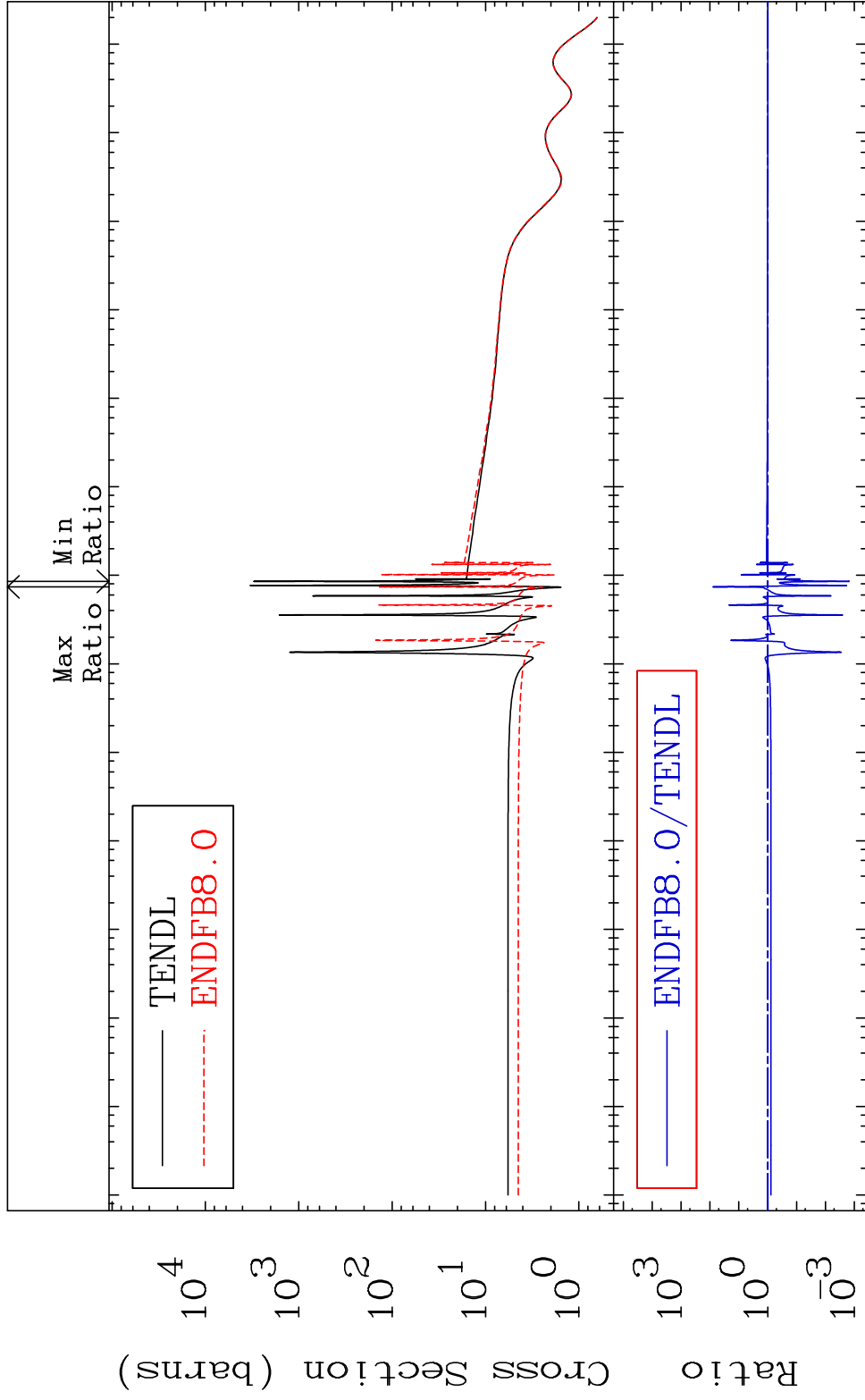


MAT 3634

Elastic

36-Kr-81

Cross Section -99.85 To 7641. %



2

Incident Energy (eV)

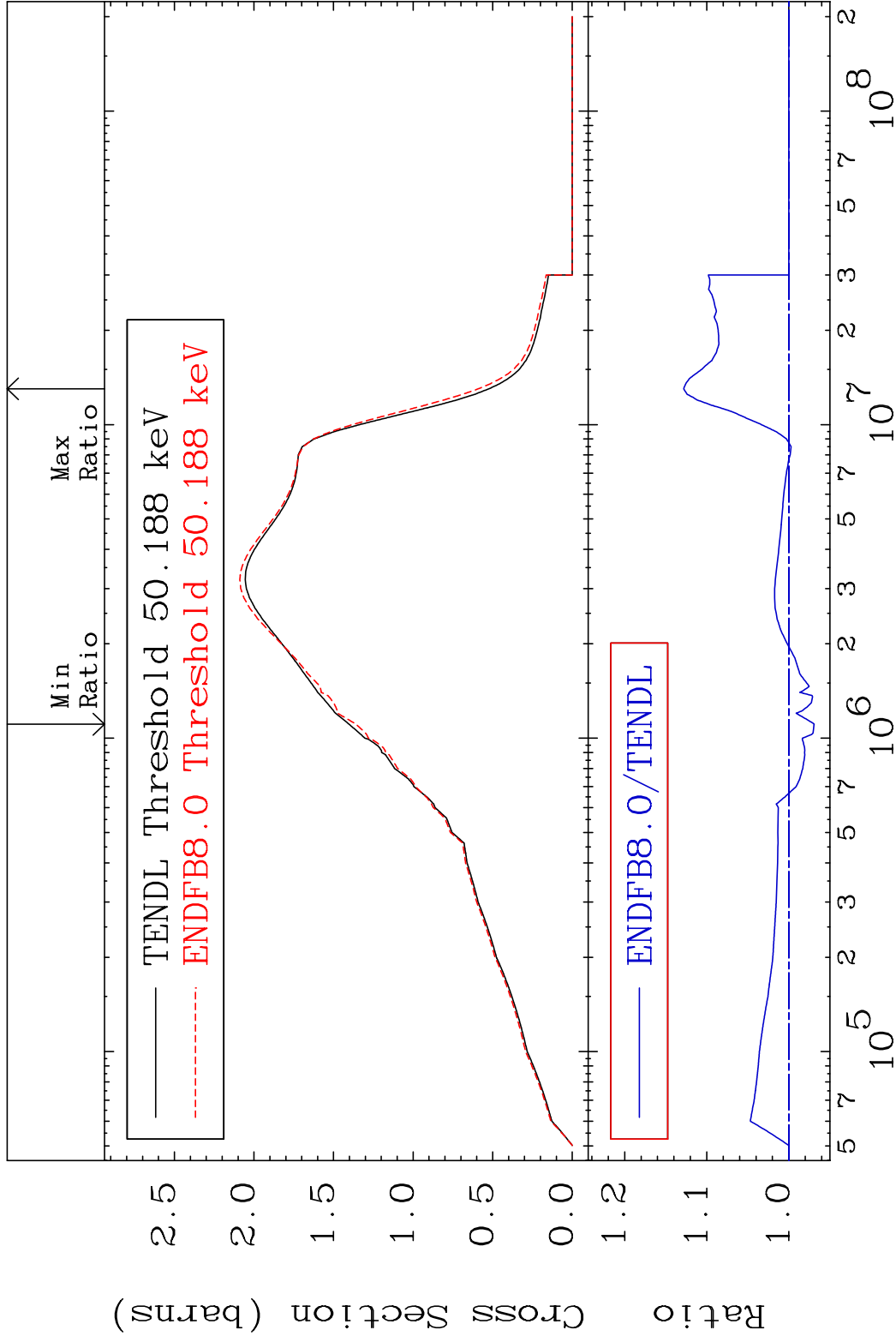
36-Kr-81

MAT 3634

Inelastic

<sup>36</sup>Kr-81

Cross Section -3.076 To 12.82 %

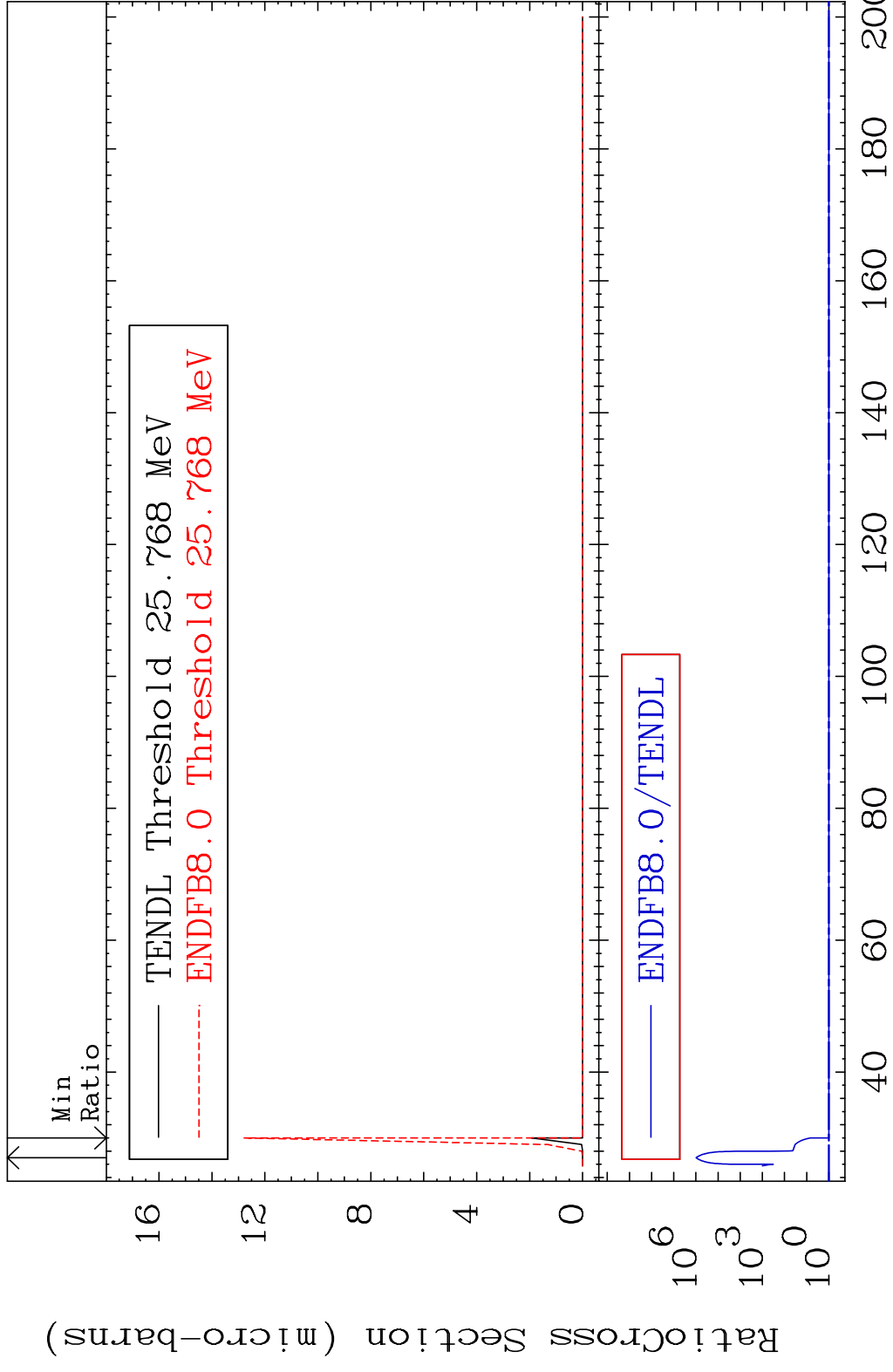


3

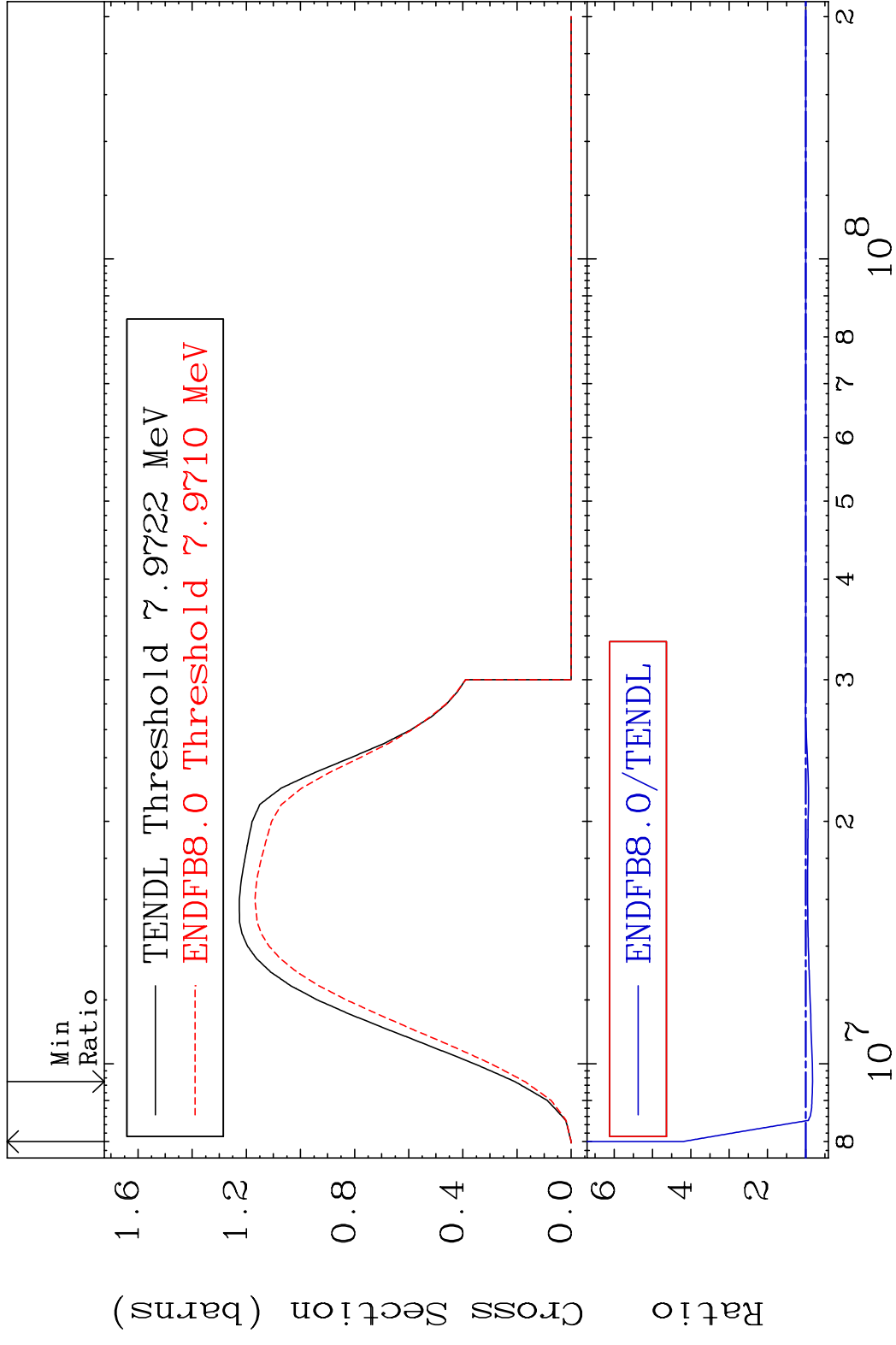
Incident Energy (eV)

<sup>36</sup>Kr-81

MAT 3634 (n,2n) d 36-Kr-81  
 Cross Section 0.000 To 9999. %

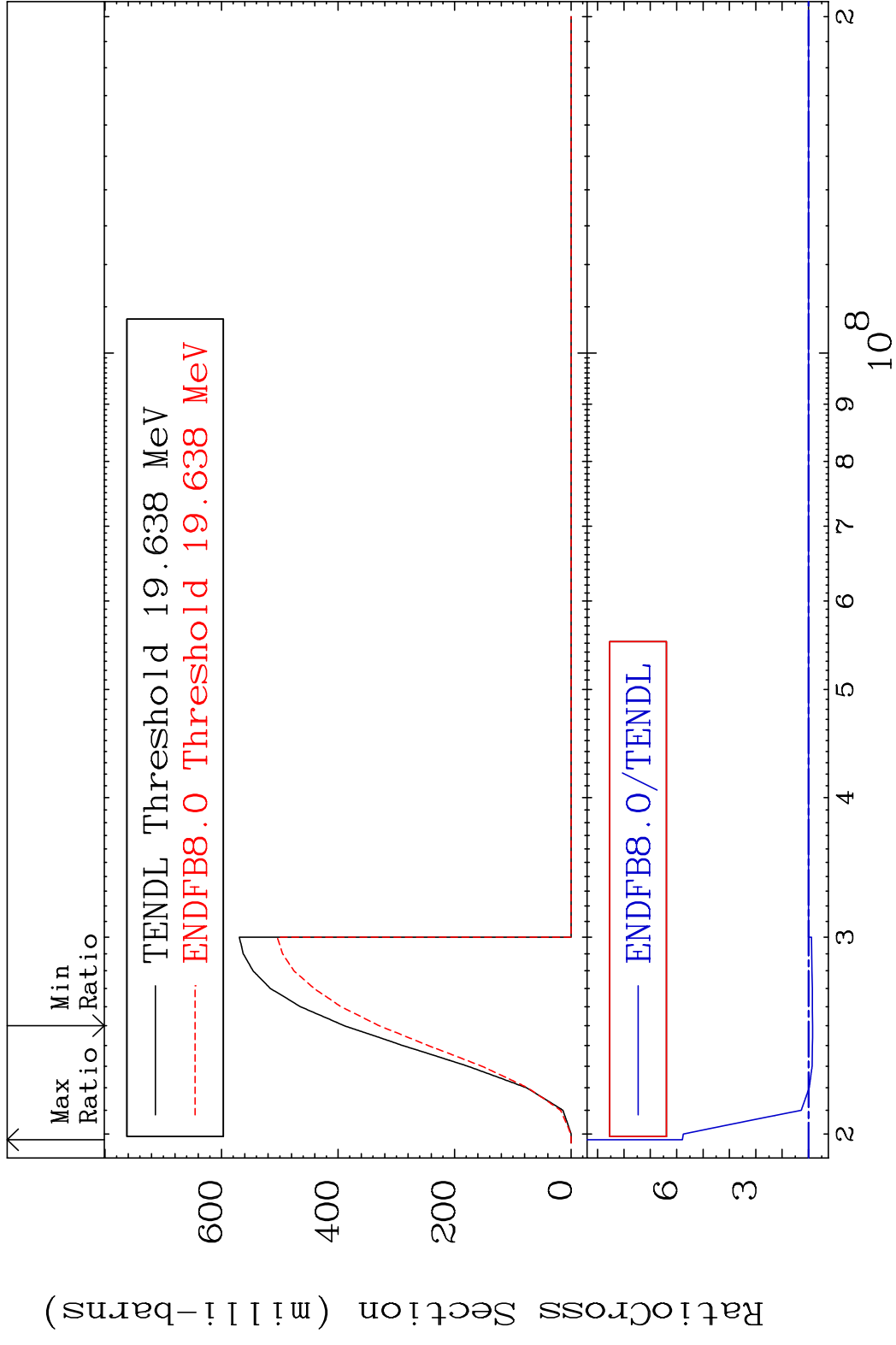


MAT 3634 (n,2n) 36-Kr-81  
 Cross Section -17.64 To 322.2 %



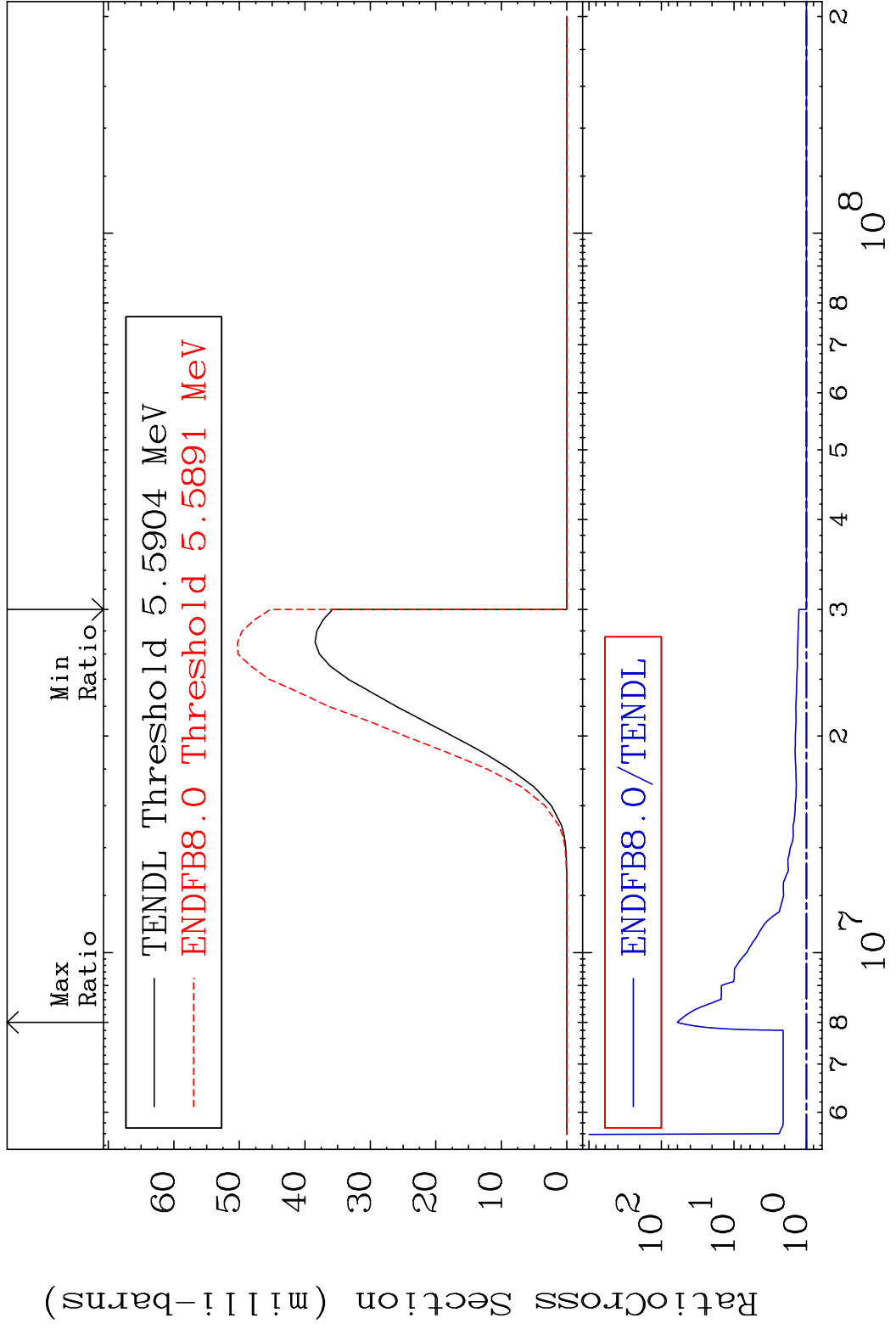
5 Incident Energy (eV) 36-Kr-81

MAT 3634 (n,3n) 36-Kr-81  
 Cross Section -15.37 To 478.5 %



6 Incident Energy (eV) 36-Kr-81

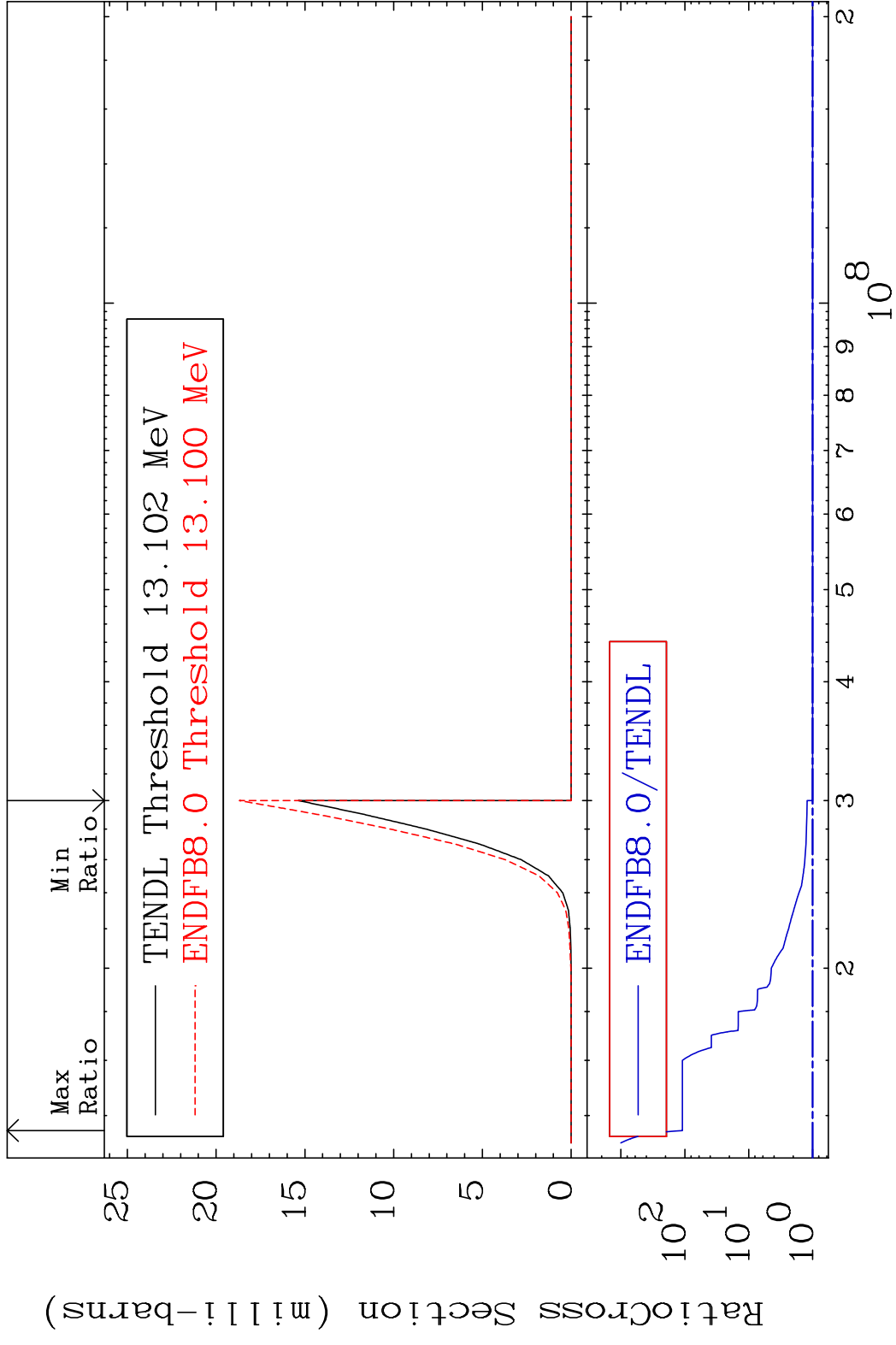
MAT 3634 (n, n')  $\alpha$  36-Kr-81  
 Cross Section 0.000 To 5967. %



7 Incident Energy (eV) 36-Kr-81



MAT 3634 (n,2n)  $\alpha$  36-Kr-81  
 Cross Section 0.000 To 9999. %

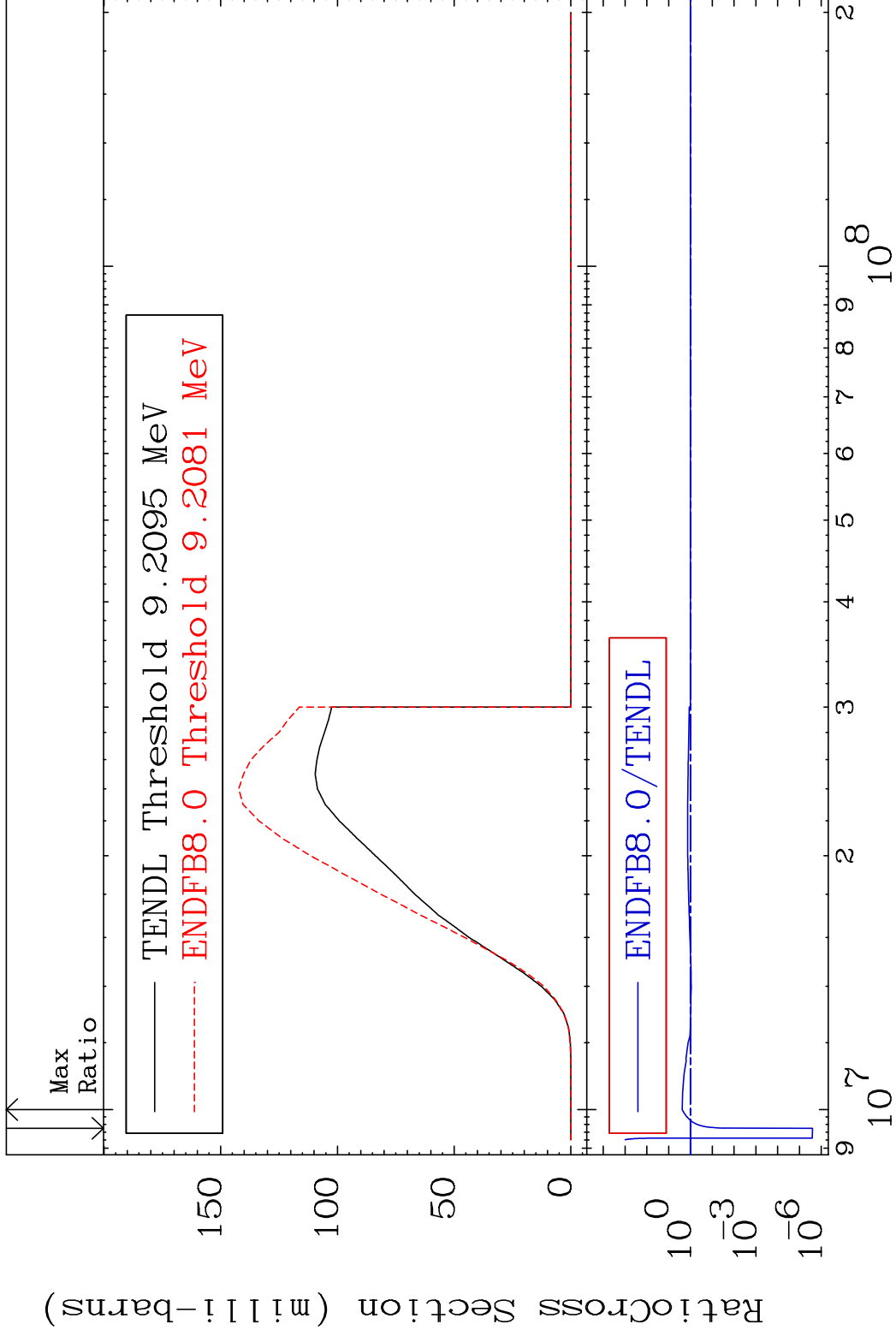


MAT 3634

(n, n') p

36-Kr-81

Cross Section -100.0 To 140.1 %



9

Incident Energy (eV)

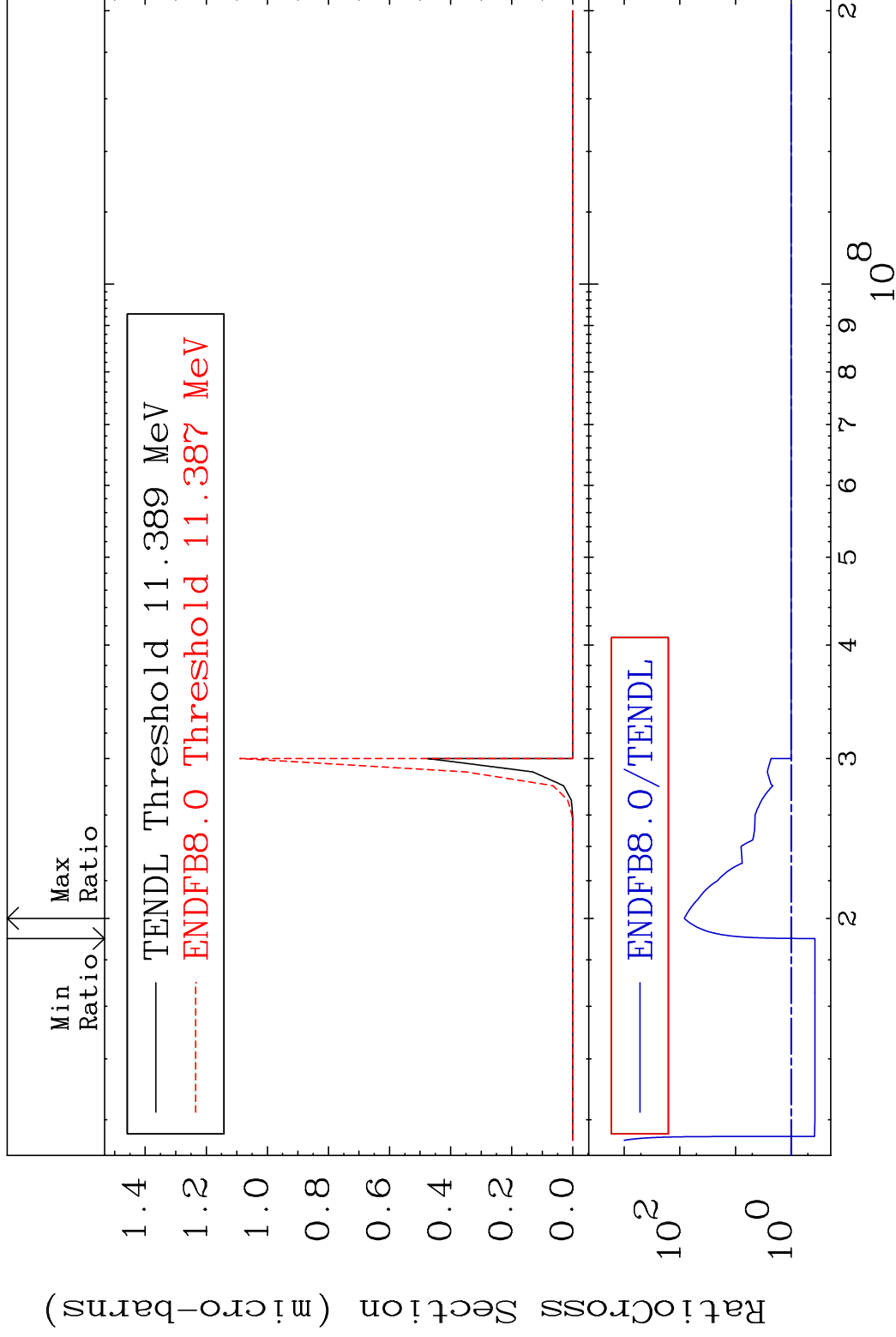
36-Kr-81

MAT 3634

(n, n') 2α

36-Kr-81

Cross Section -62.55 To 8207. %



10

Incident Energy (eV)

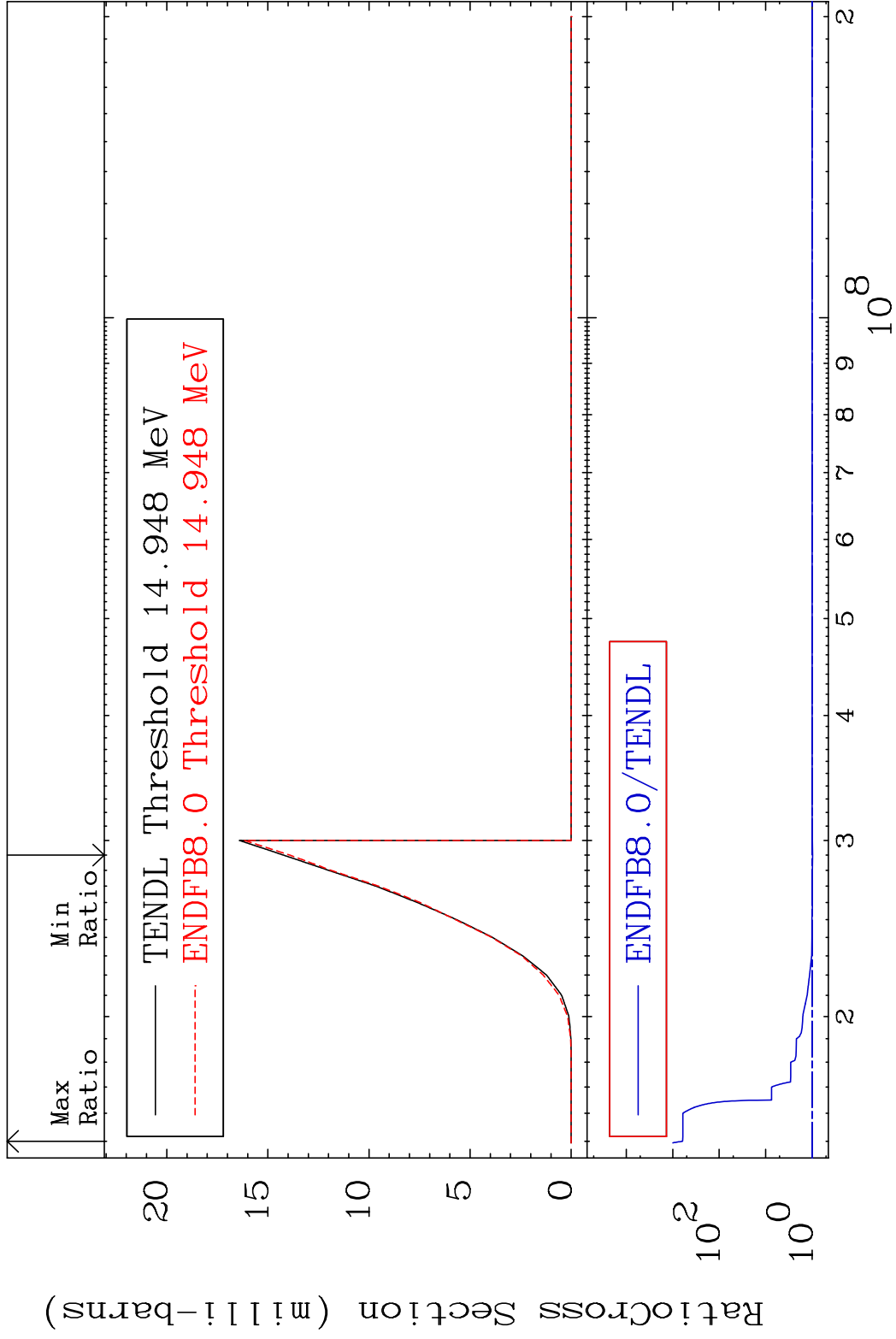
36-Kr-81

MAT 3634

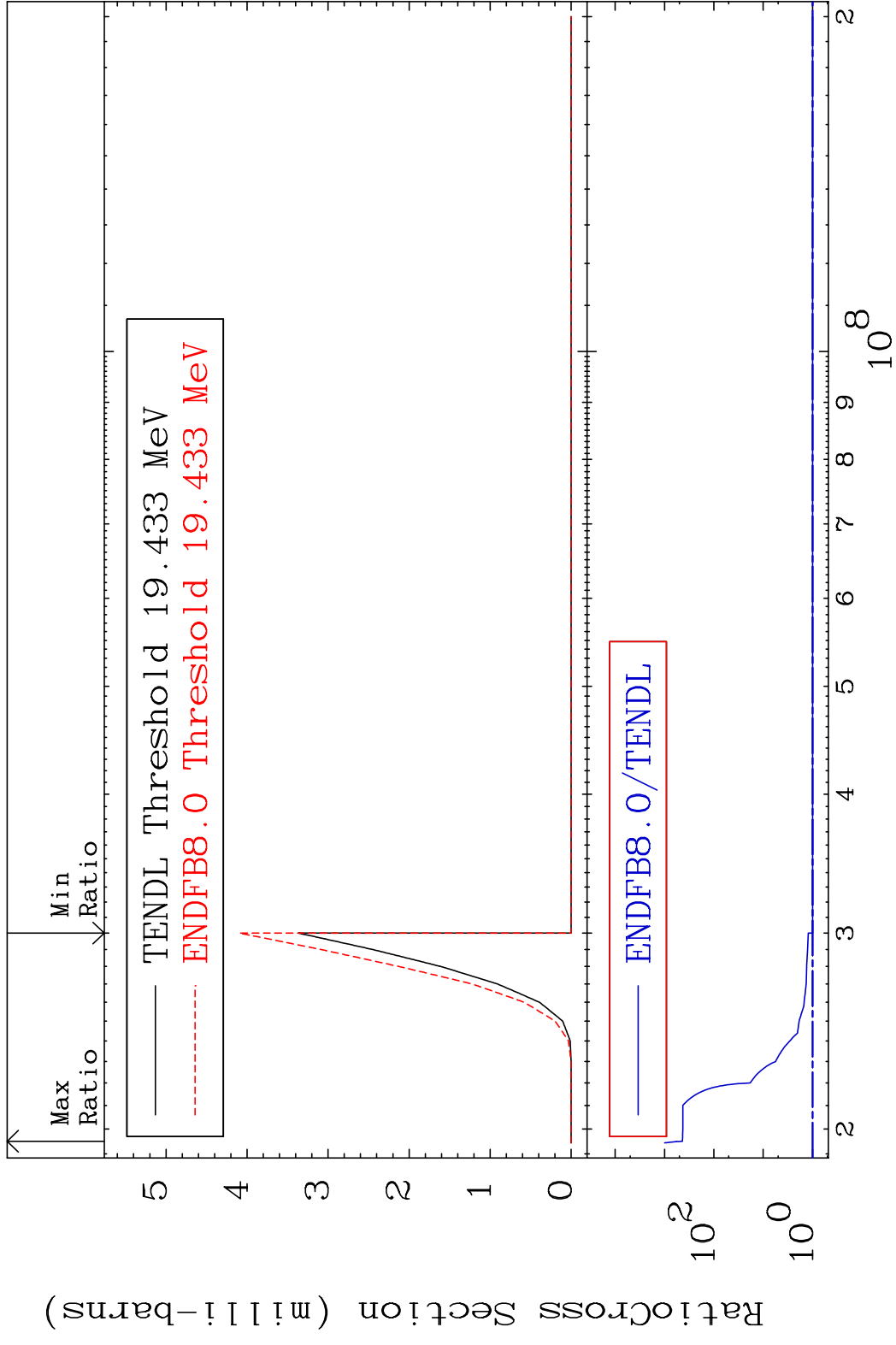
(n, n') d

36-Kr-81

Cross Section -2.213 To 9999. %



MAT 3634 (n, n') t 36-Kr-81  
 Cross Section 0.000 To 9999. %

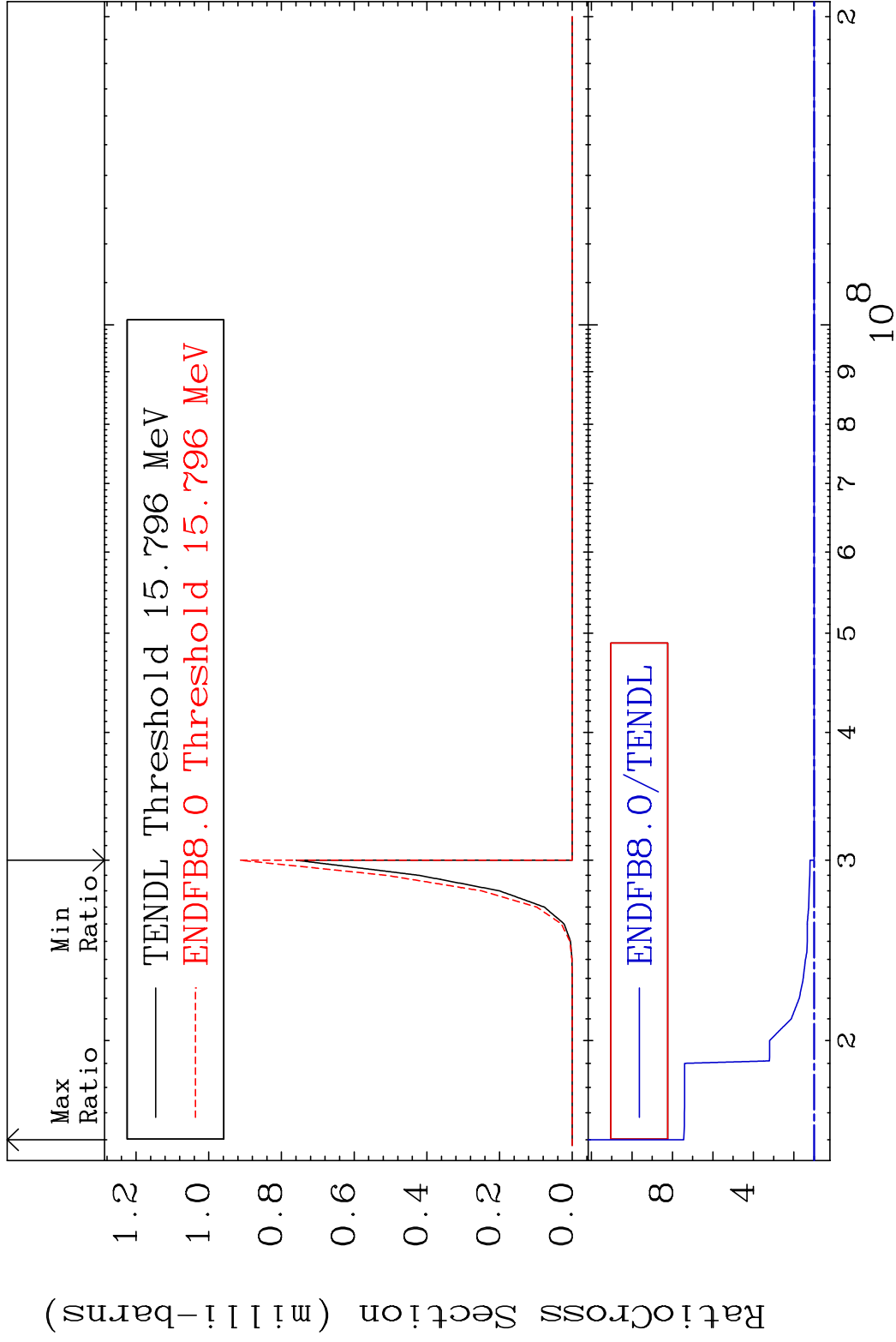


MAT 3634

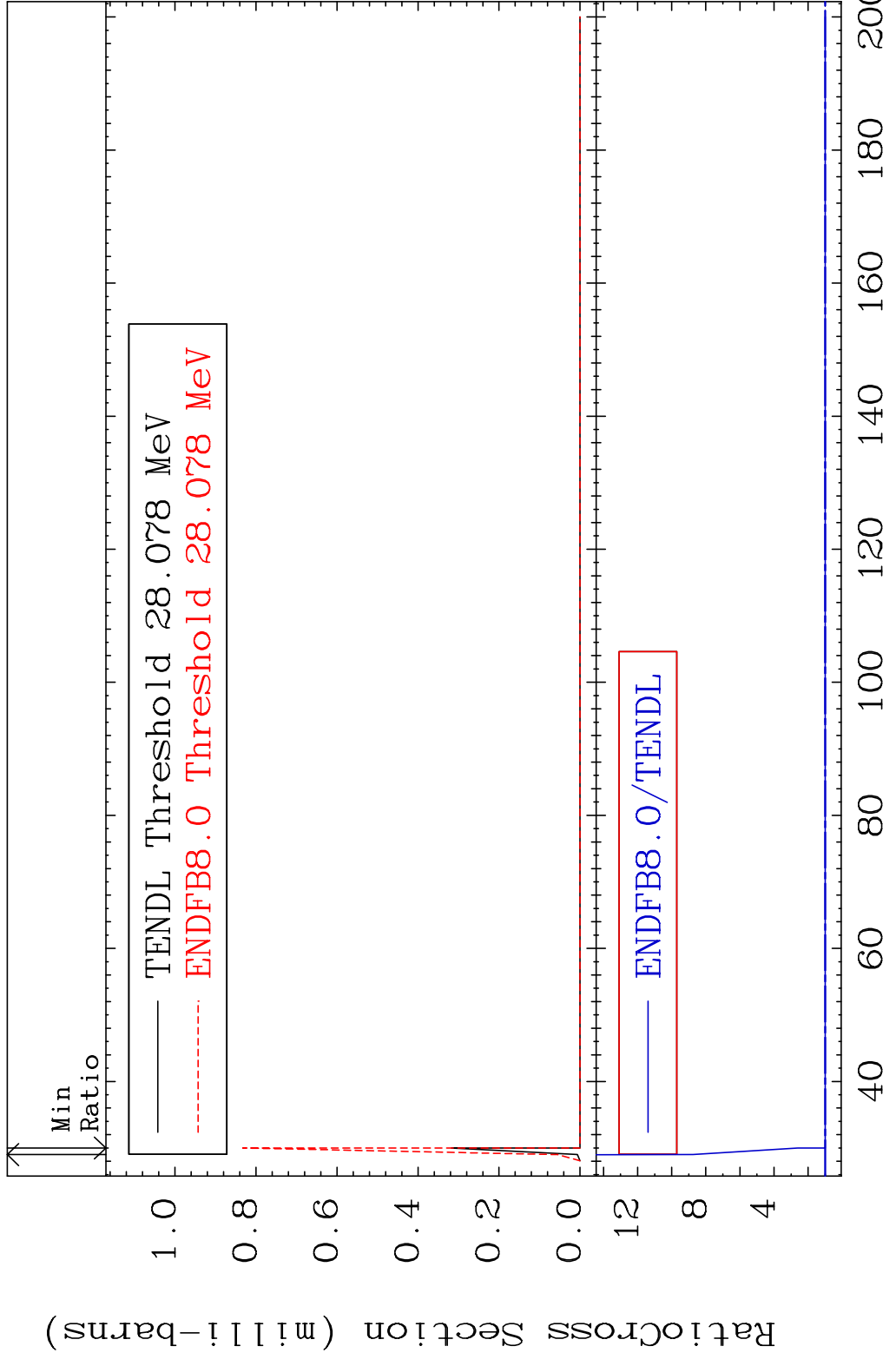
(n,n') He-3

36-Kr-81

Cross Section 0.000 To 644.5 %



MAT 3634 (n,4n) 36-Kr-81  
 Cross Section 0.000 To 775.5 %

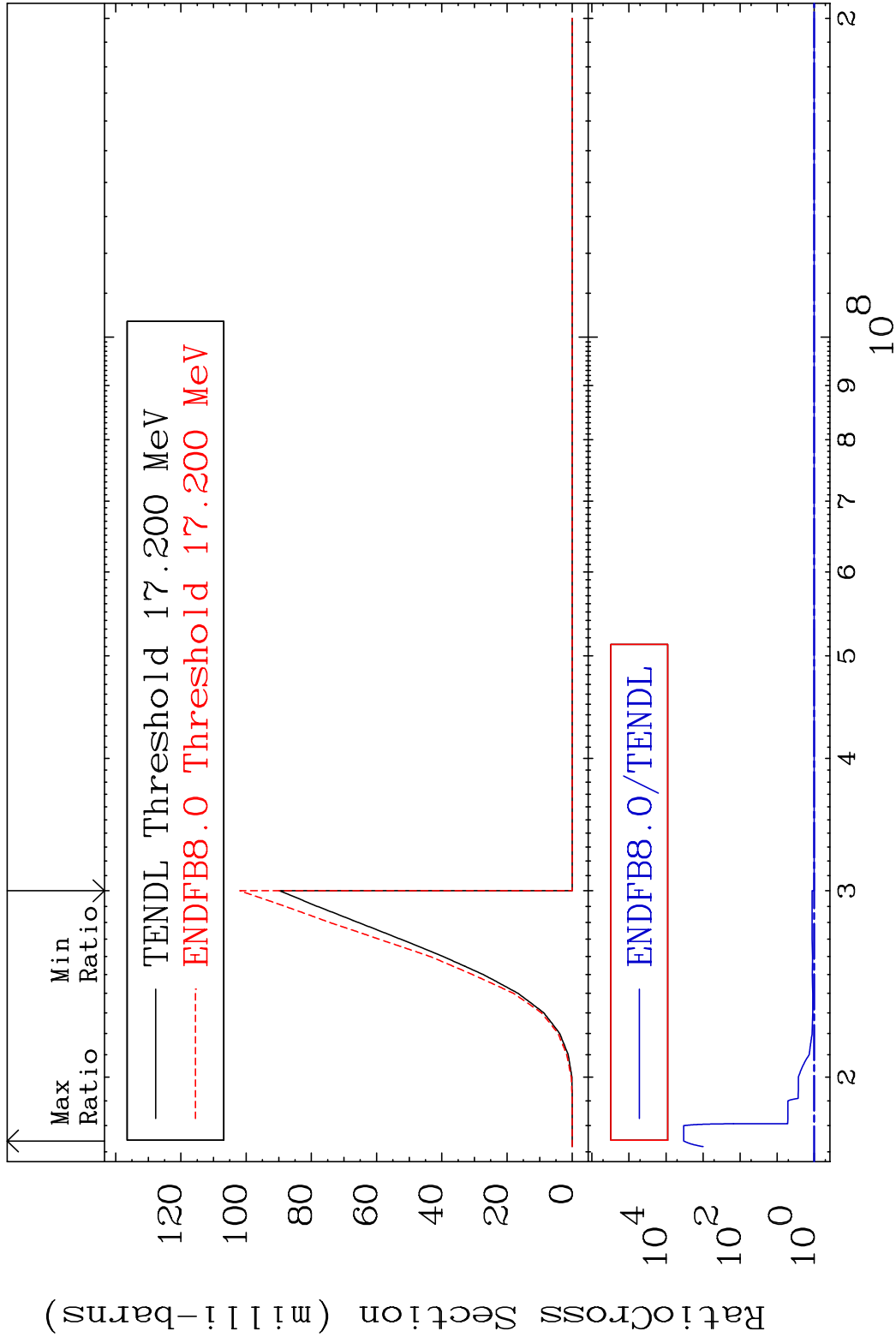


MAT 3634

(n,2n) p

36-Kr-81

Cross Section 0.000 To 9999. %



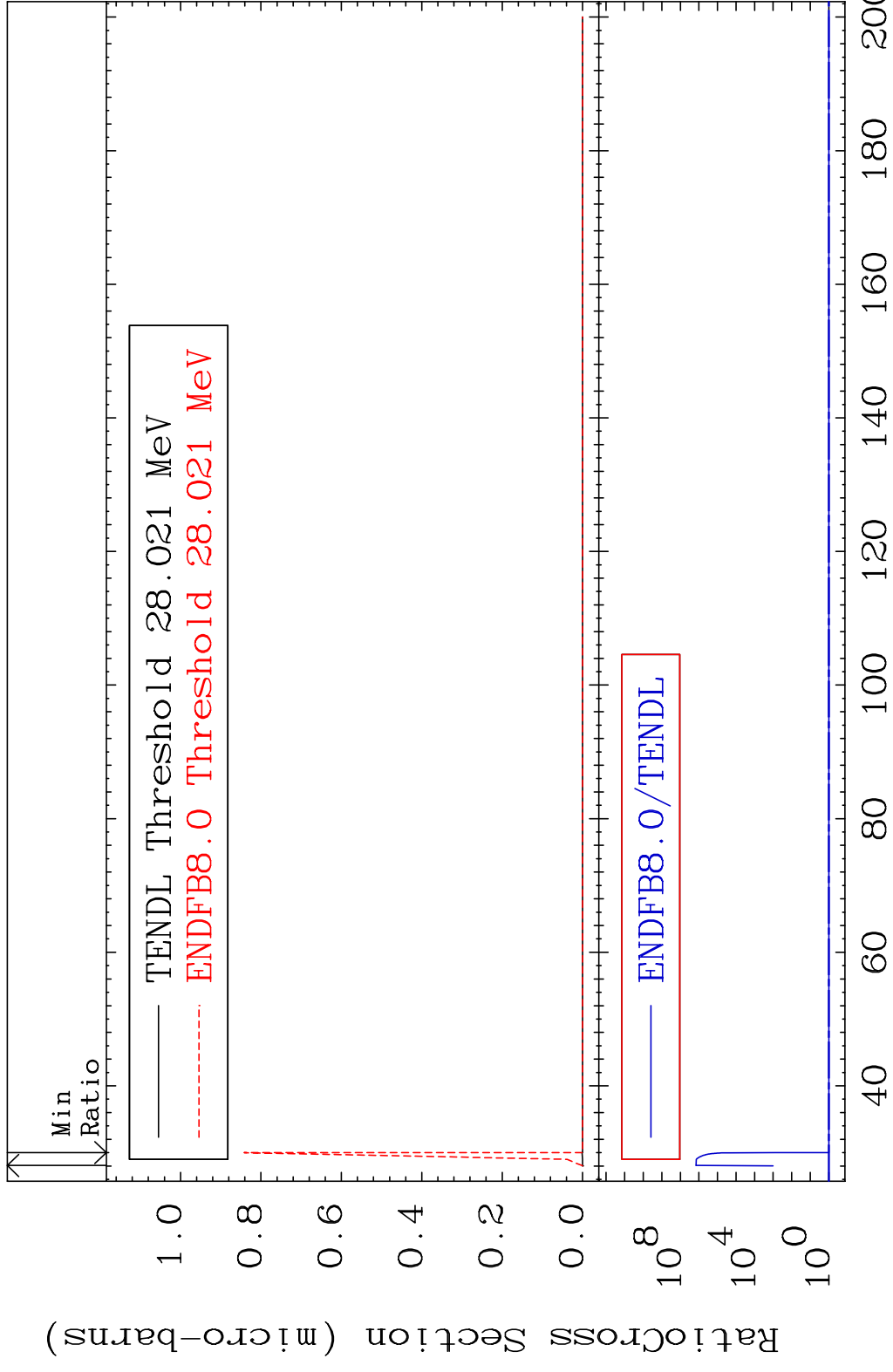
15

Incident Energy (eV)

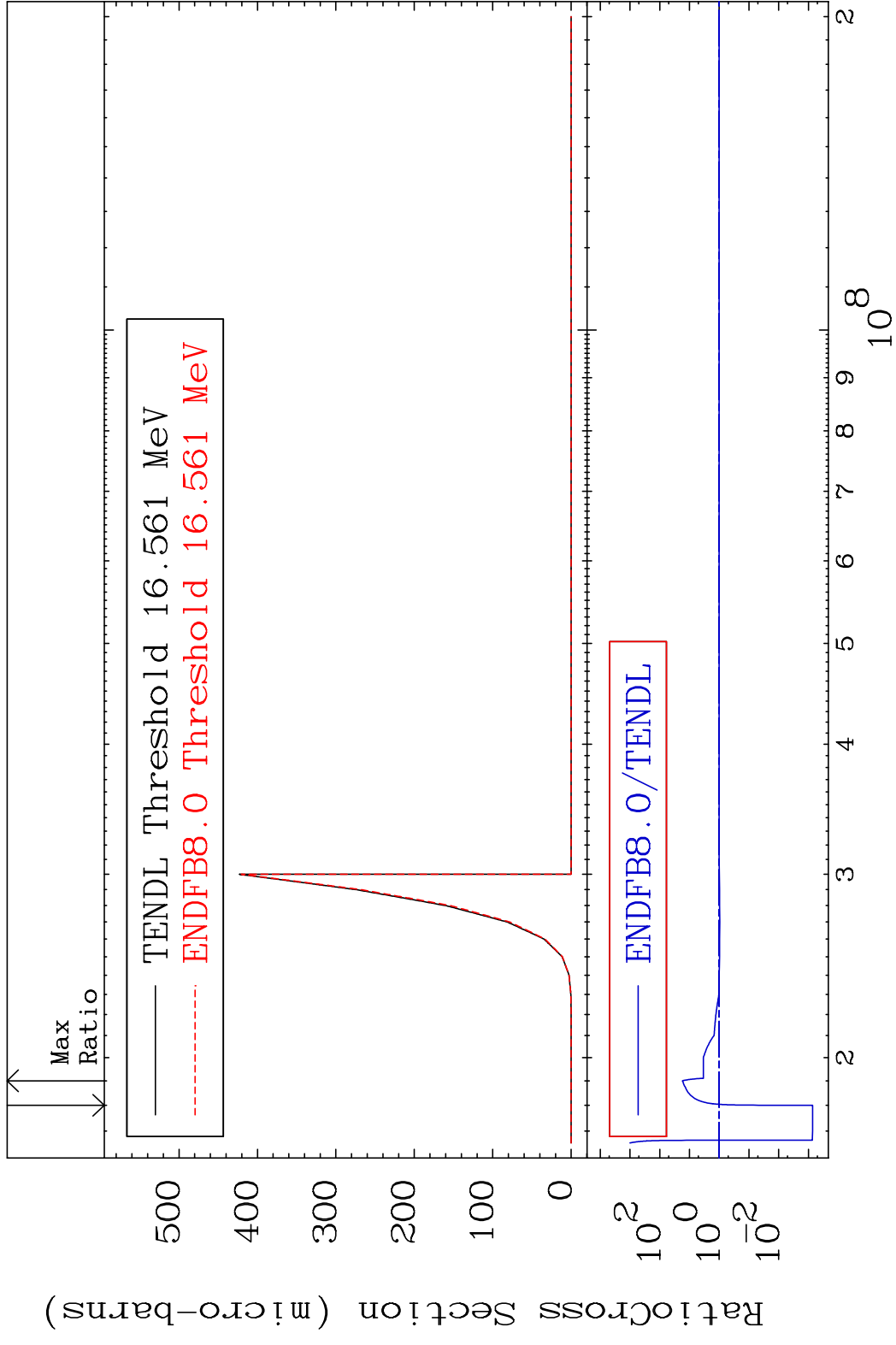
36-Kr-81



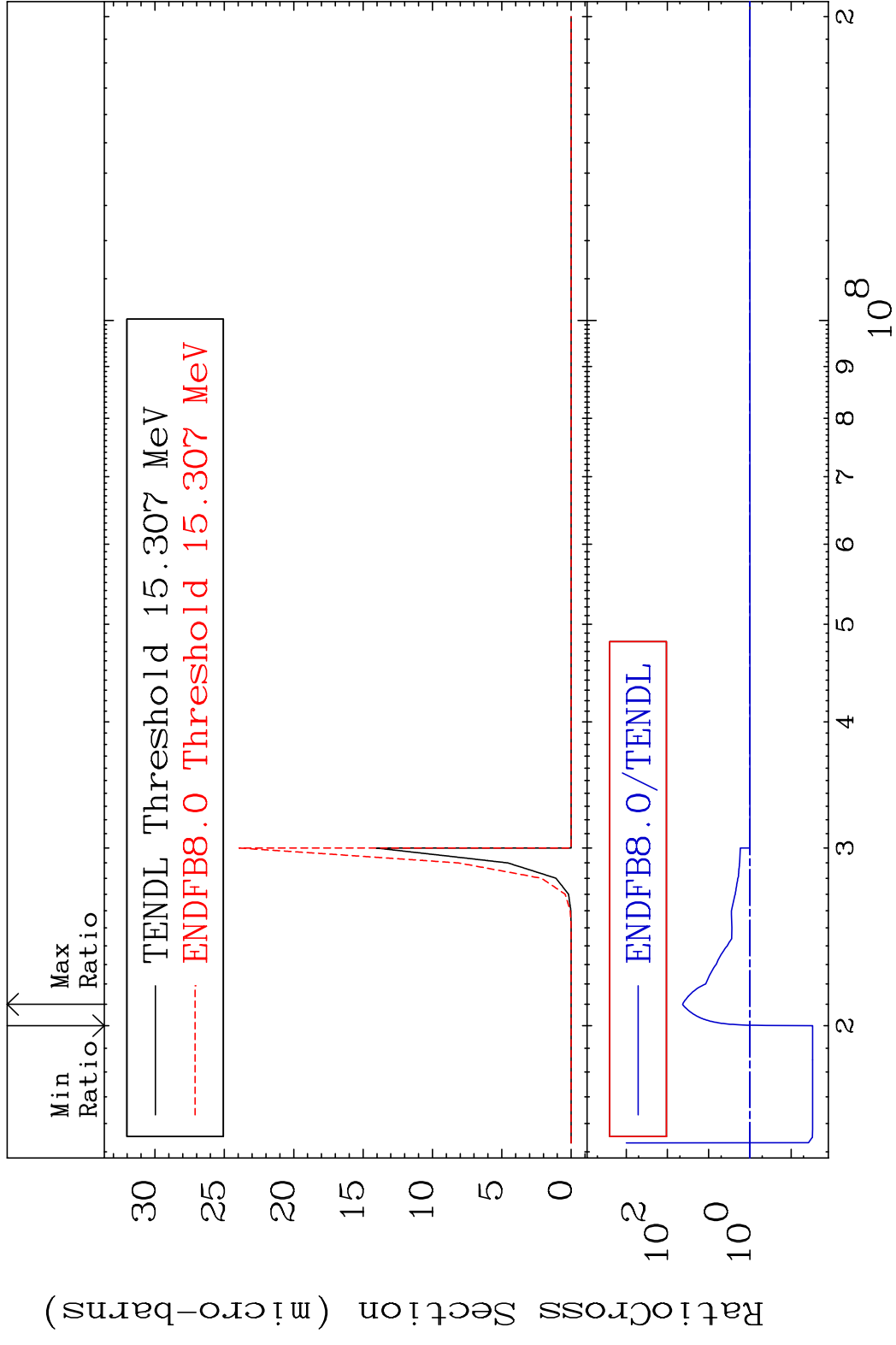
MAT 3634 (n,3n) p 36-Kr-81  
 Cross Section 0.000 To 9999. %



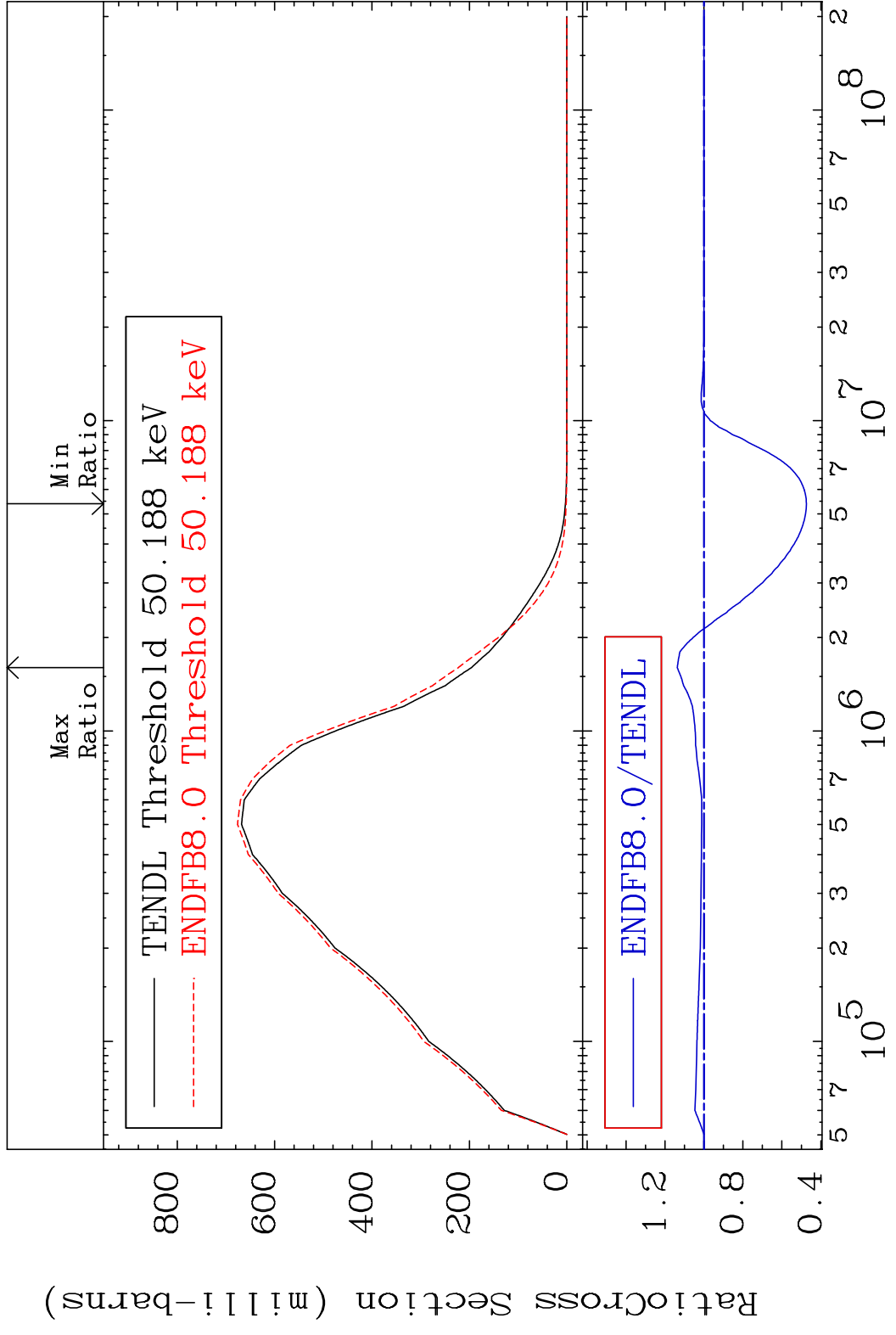
MAT 3634 (n,2n) p 36-Kr-81  
 Cross Section -99.93 To 1632. %



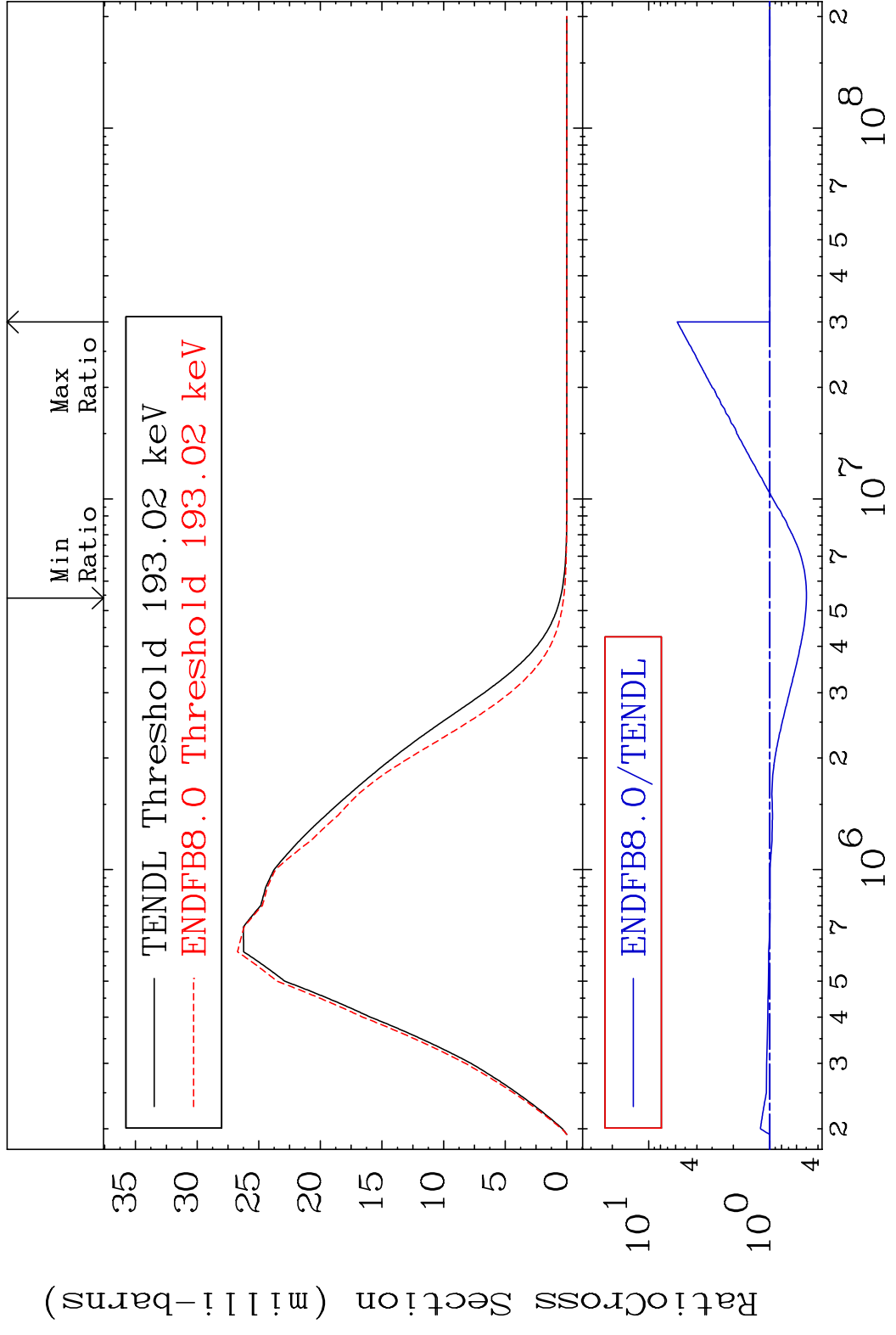
MAT 3634 (n,n') p α 36-Kr-81  
 Cross Section -96.97 To 4246. %



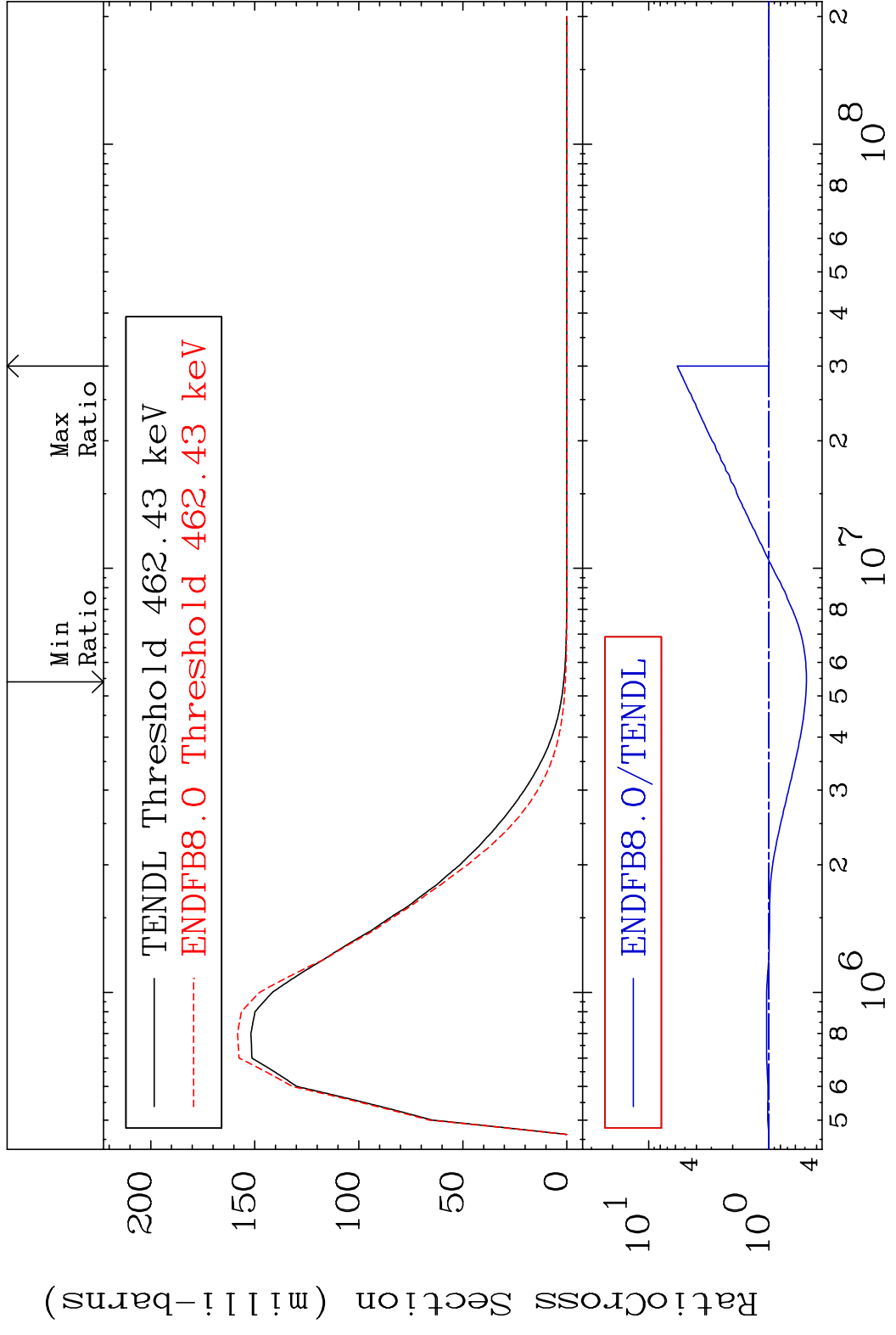
MAT 3634 MT= 51 (n, n') Level 36-Kr-81  
 Cross Section -52.59 To 13.75 %



MAT 3634 MT= 52 (n, n') Level 36-Kr-81  
 Cross Section -50.22 To 482.2 %

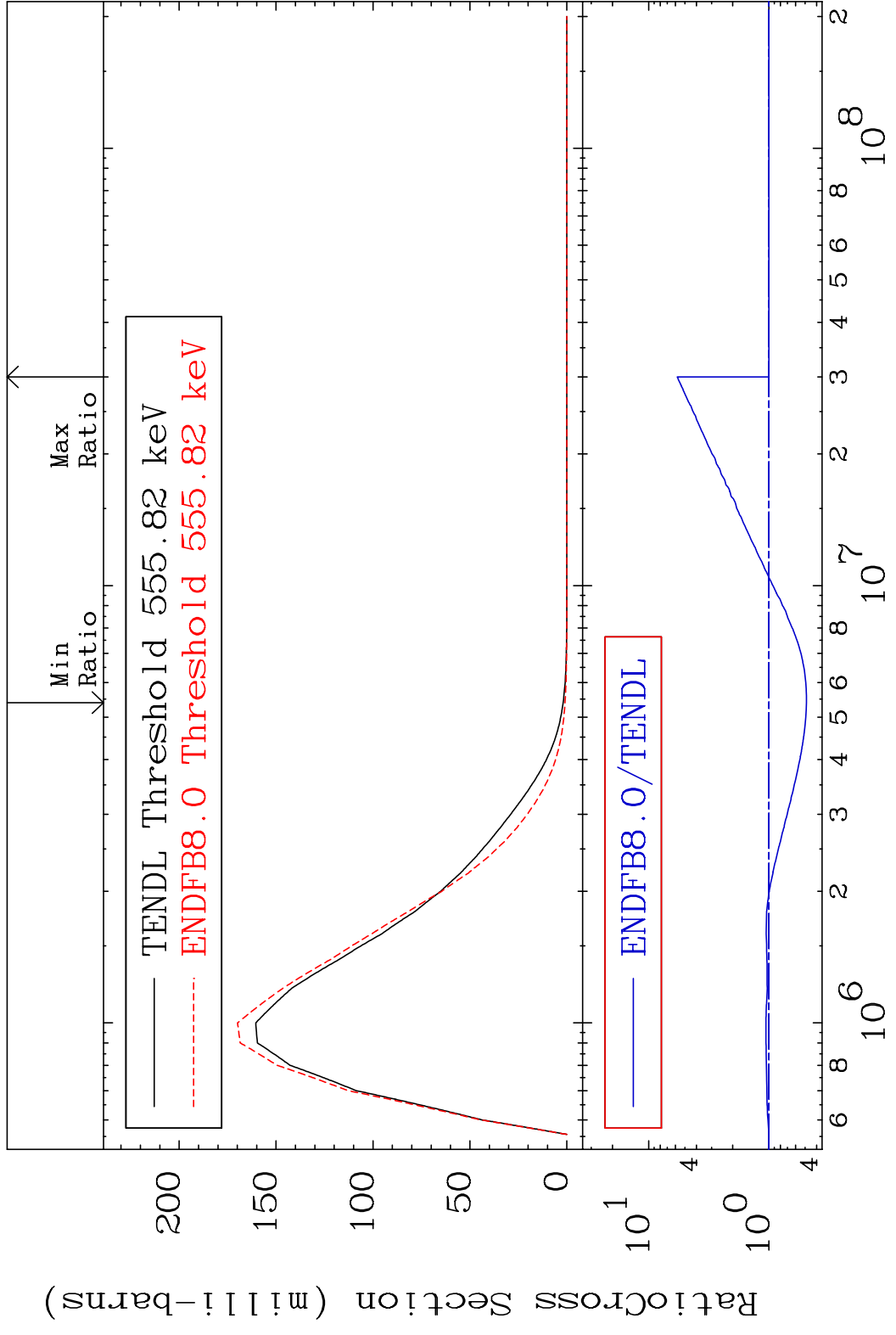


MAT 3634 MT= 53 (n, n') Level 36-Kr-81  
 Cross Section -51.38 To 478.9 %

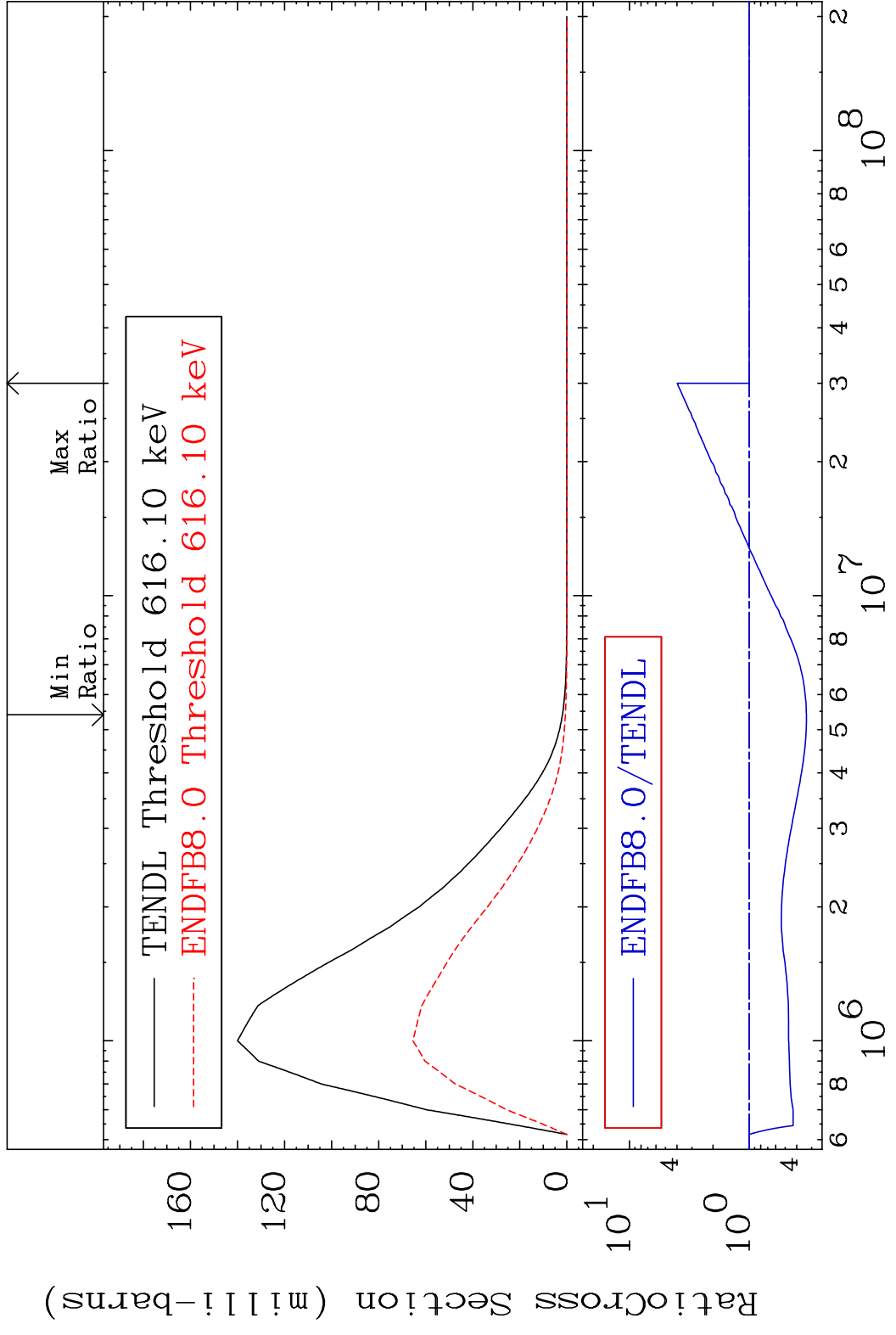


21 Incident Energy (eV) 36-Kr-81

MAT 3634 MT= 54 (n,n') Level 36-Kr-81  
 Cross Section -51.28 To 479.0 %

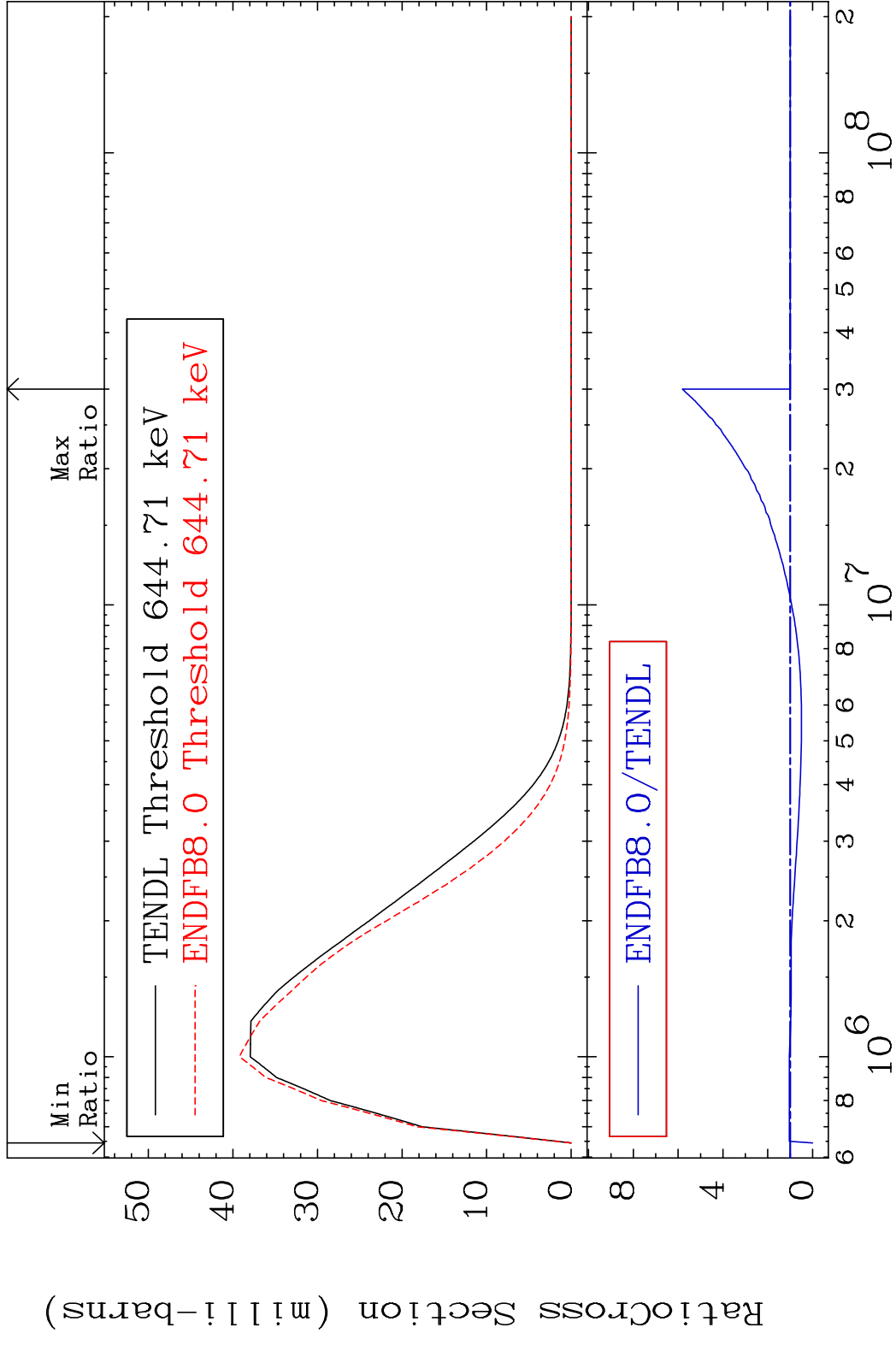


MAT 3634 MT= 55 (n, n') Level 36-Kr-81  
 Cross Section -66.77 To 298.7 %

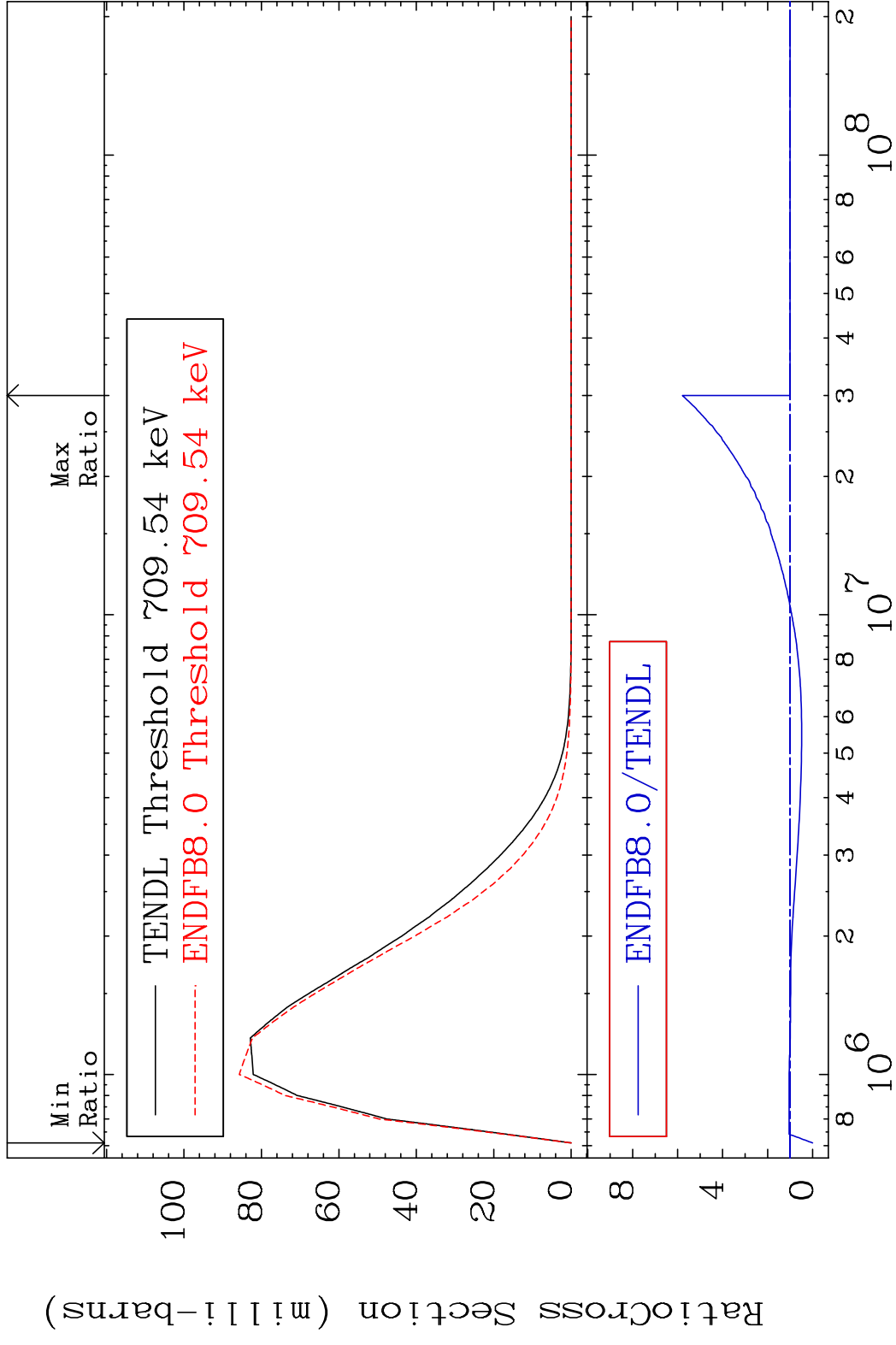




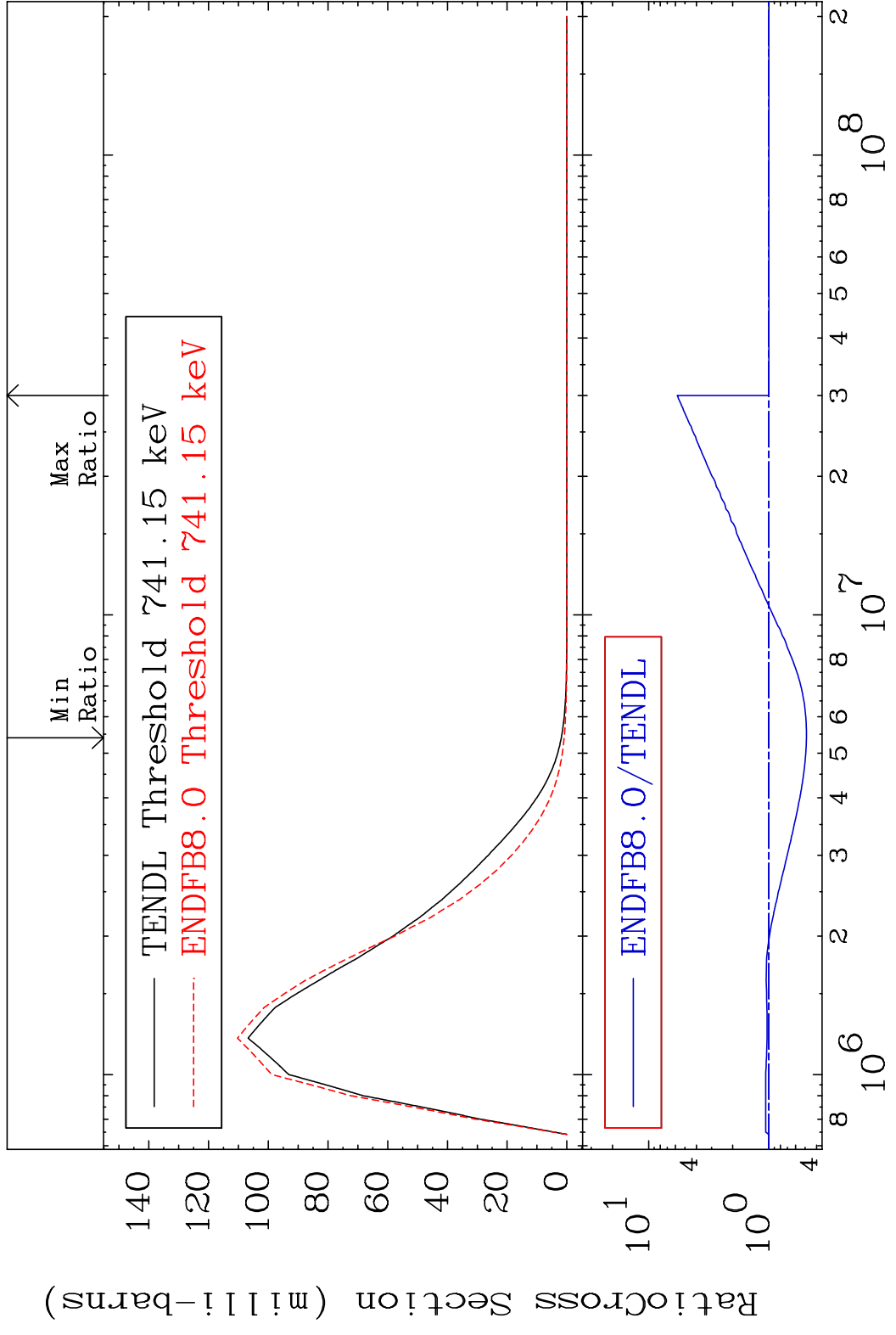
MAT 3634 MT= 56 (n,n') Level 36-Kr-81  
 Cross Section -100.0 To 481.2 %



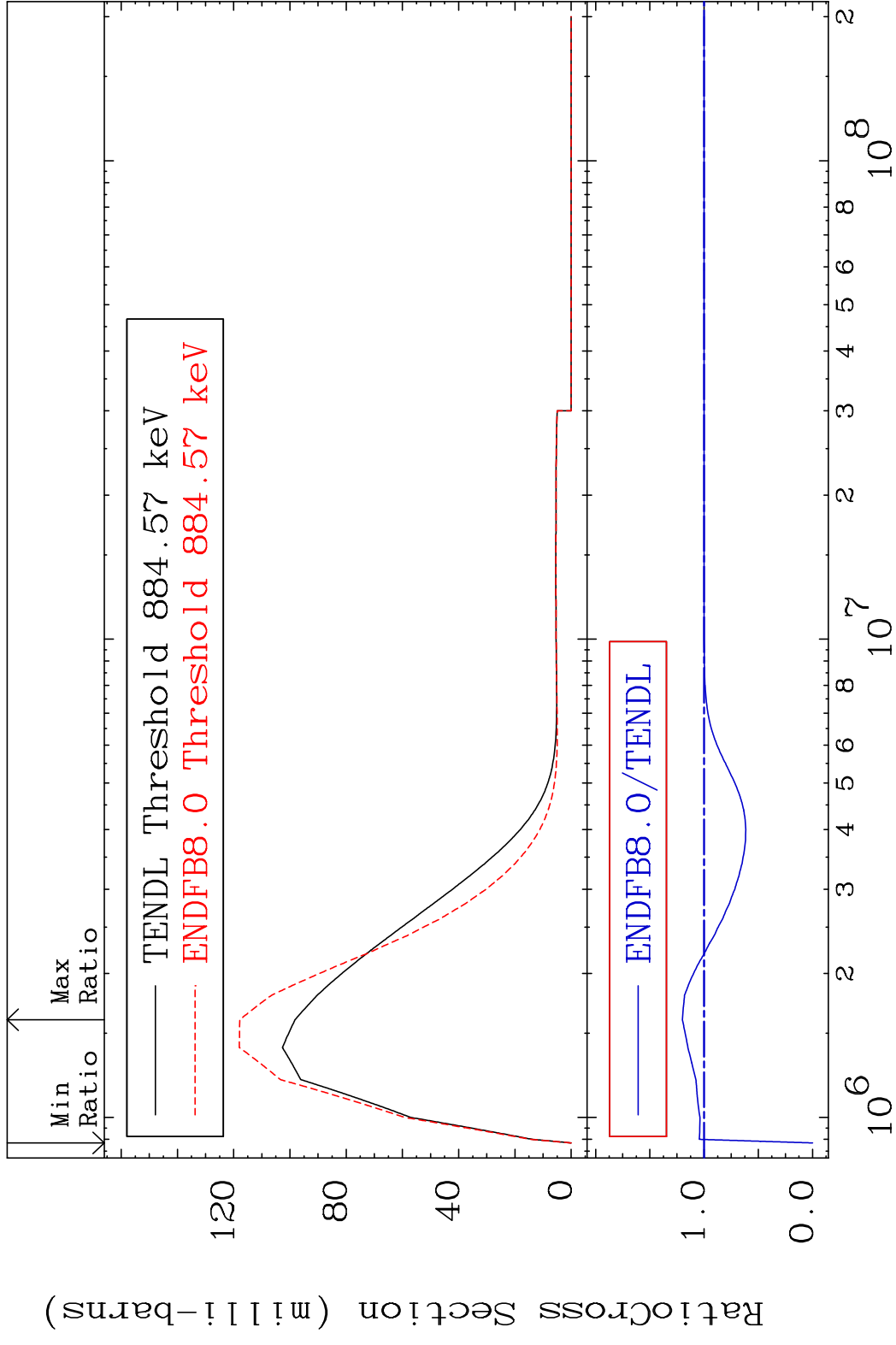
MAT 3634 MT= 57 (n,n') Level 36-Kr-81  
 Cross Section -100.0 To 479.1 %



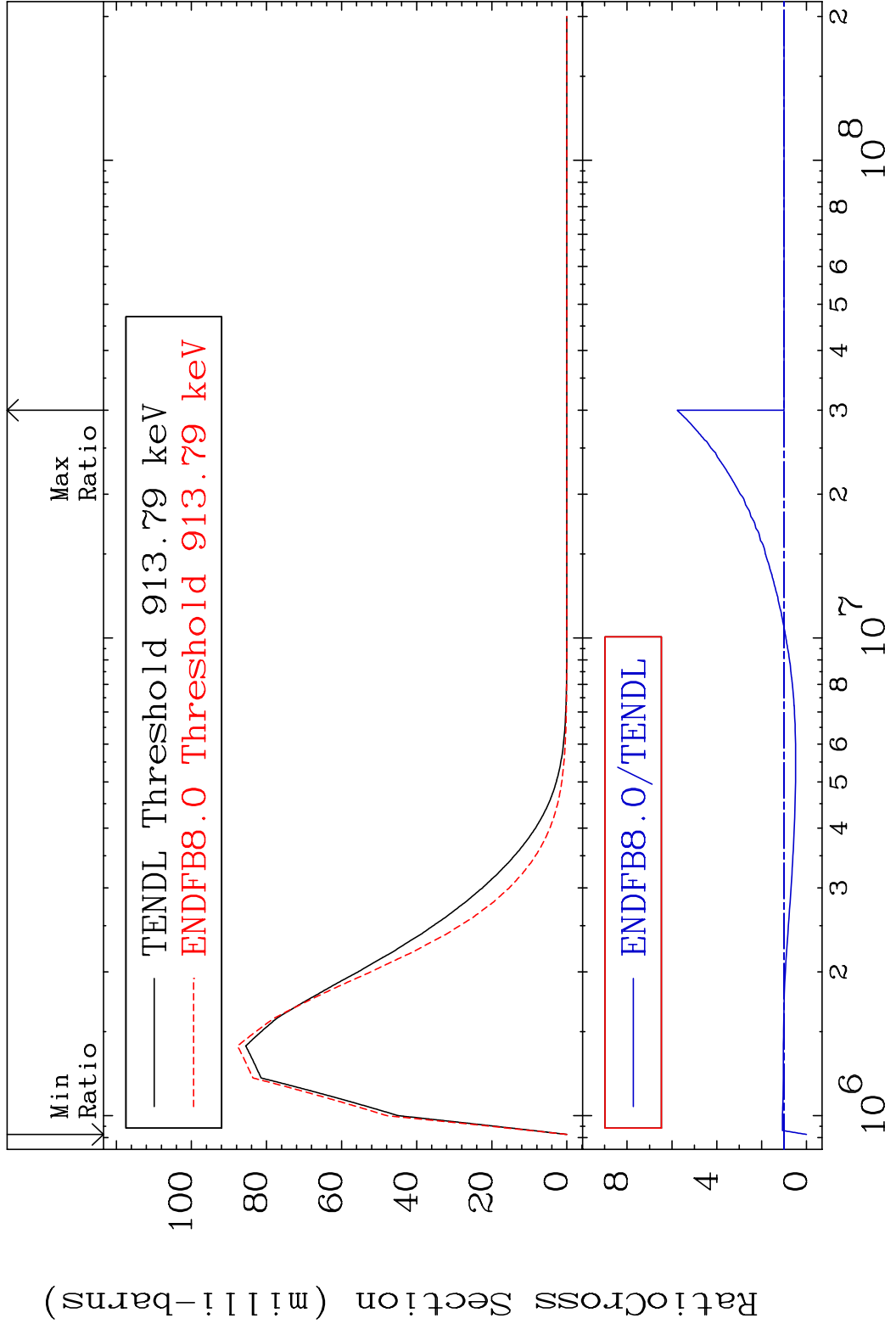
MAT 3634 MT= 58 (n, n') Level 36-Kr-81  
 Cross Section -51.26 To 479.1 %



MAT 3634 MT= 59 (n,n') Level 36-Kr-81  
 Cross Section -100.0 To 20.04 %

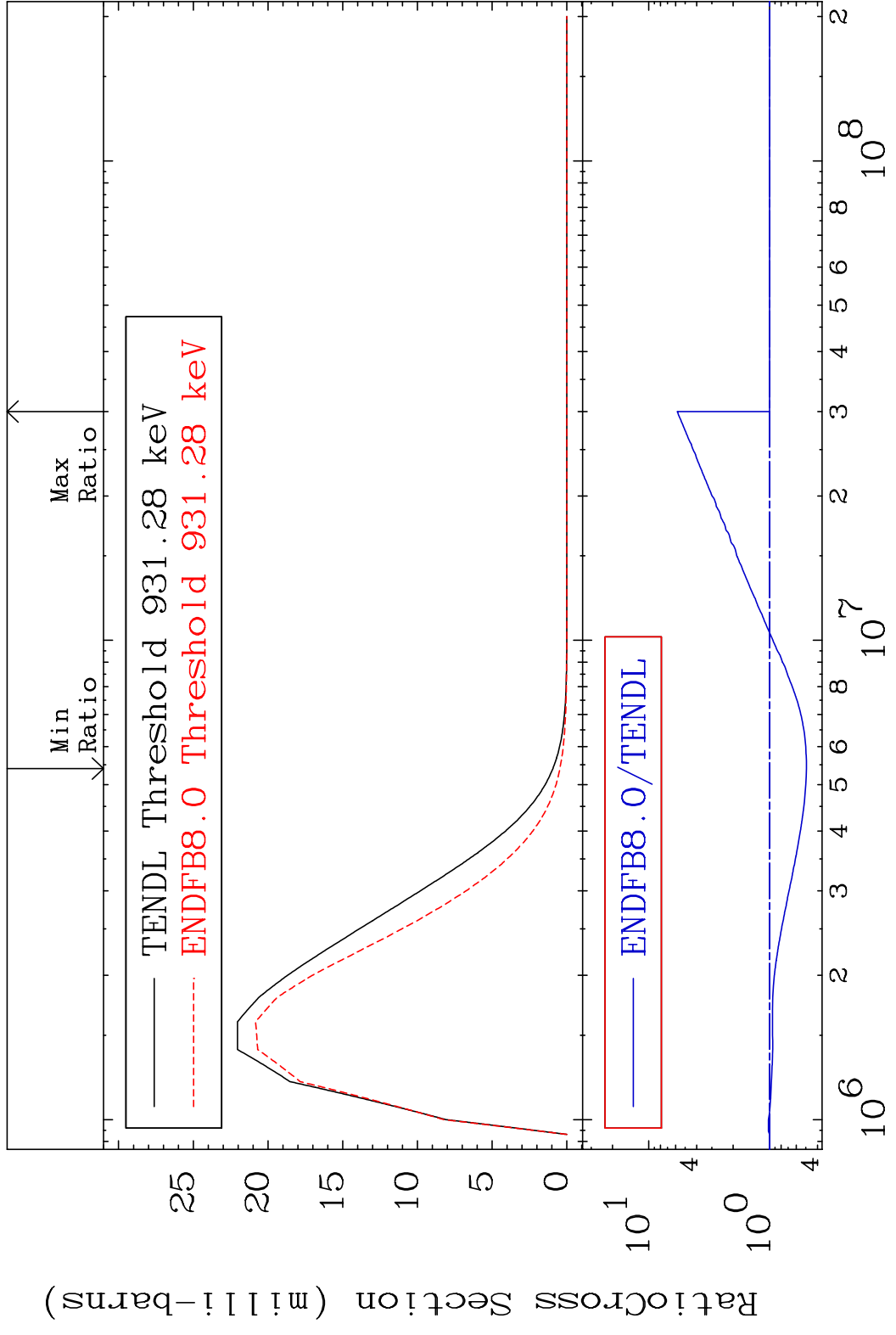


MAT 3634 MT= 60 (n, n') Level 36-Kr-81  
 Cross Section -100.0 To 476.5 %

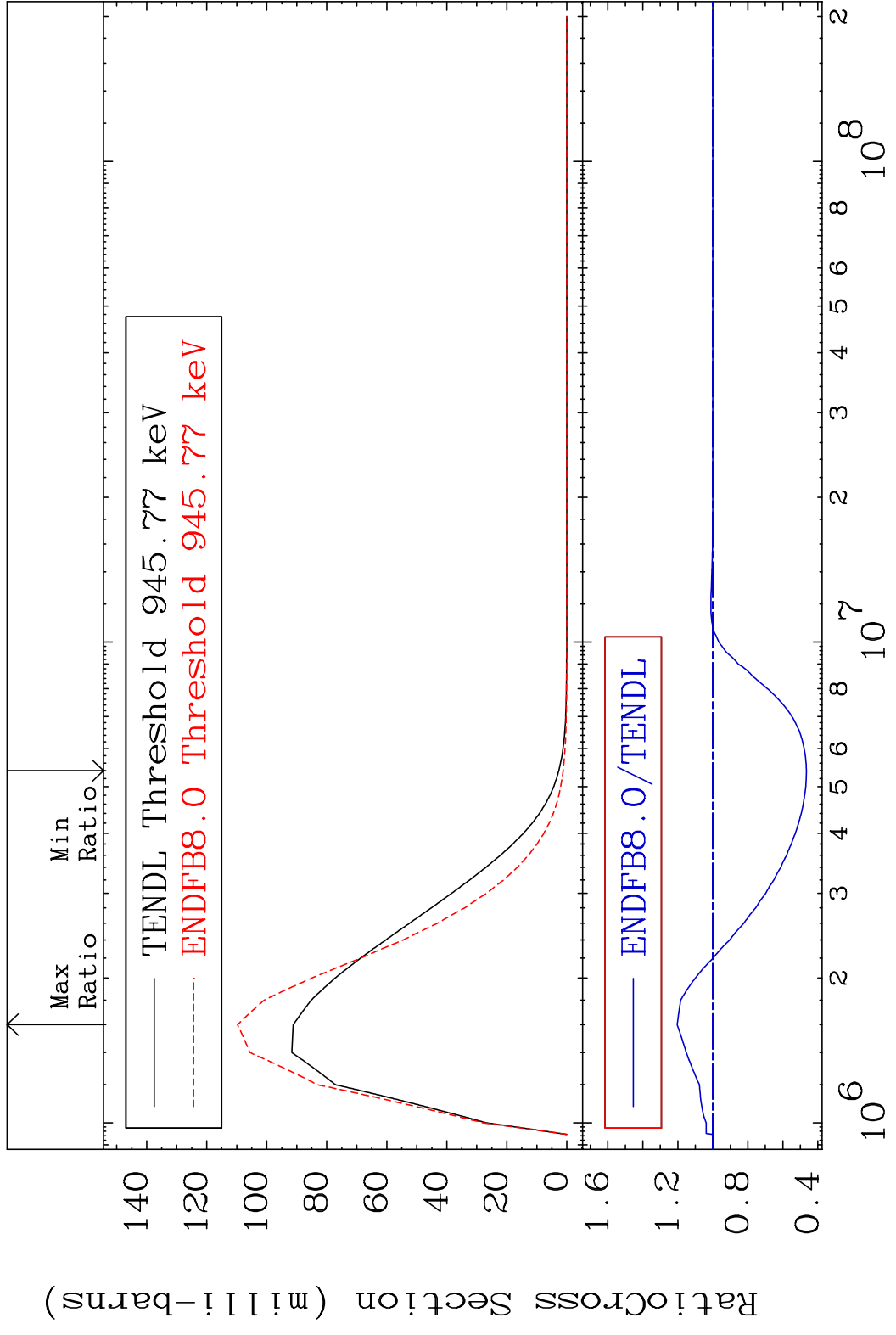


28 Incident Energy (eV) 36-Kr-81

MAT 3634 MT= 61 (n, n') Level 36-Kr-81  
 Cross Section -50.55 To 481.3 %

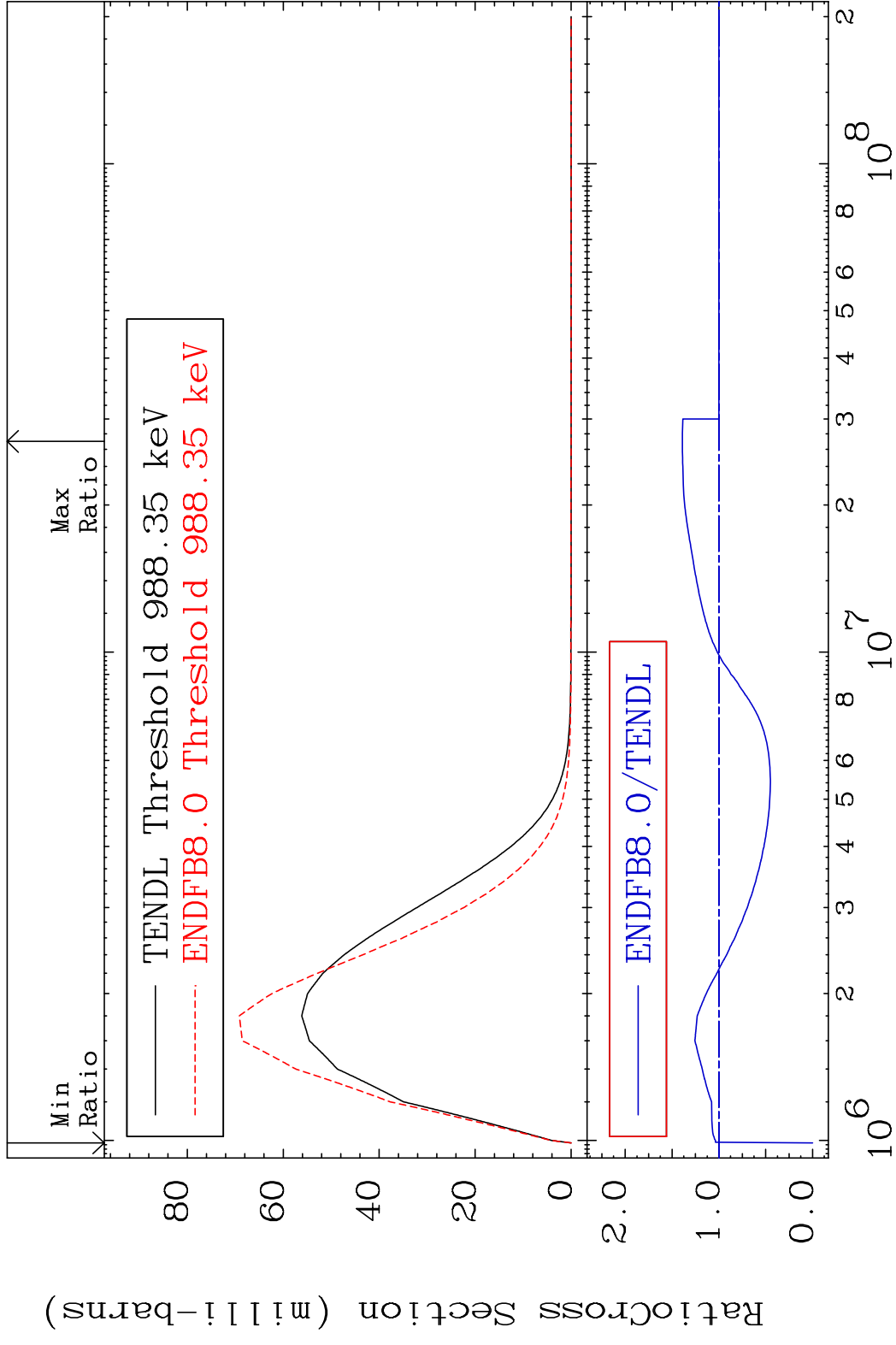


MAT 3634 MT= 62 (n,n') Level 36-Kr-81  
 Cross Section -53.45 To 20.37 %



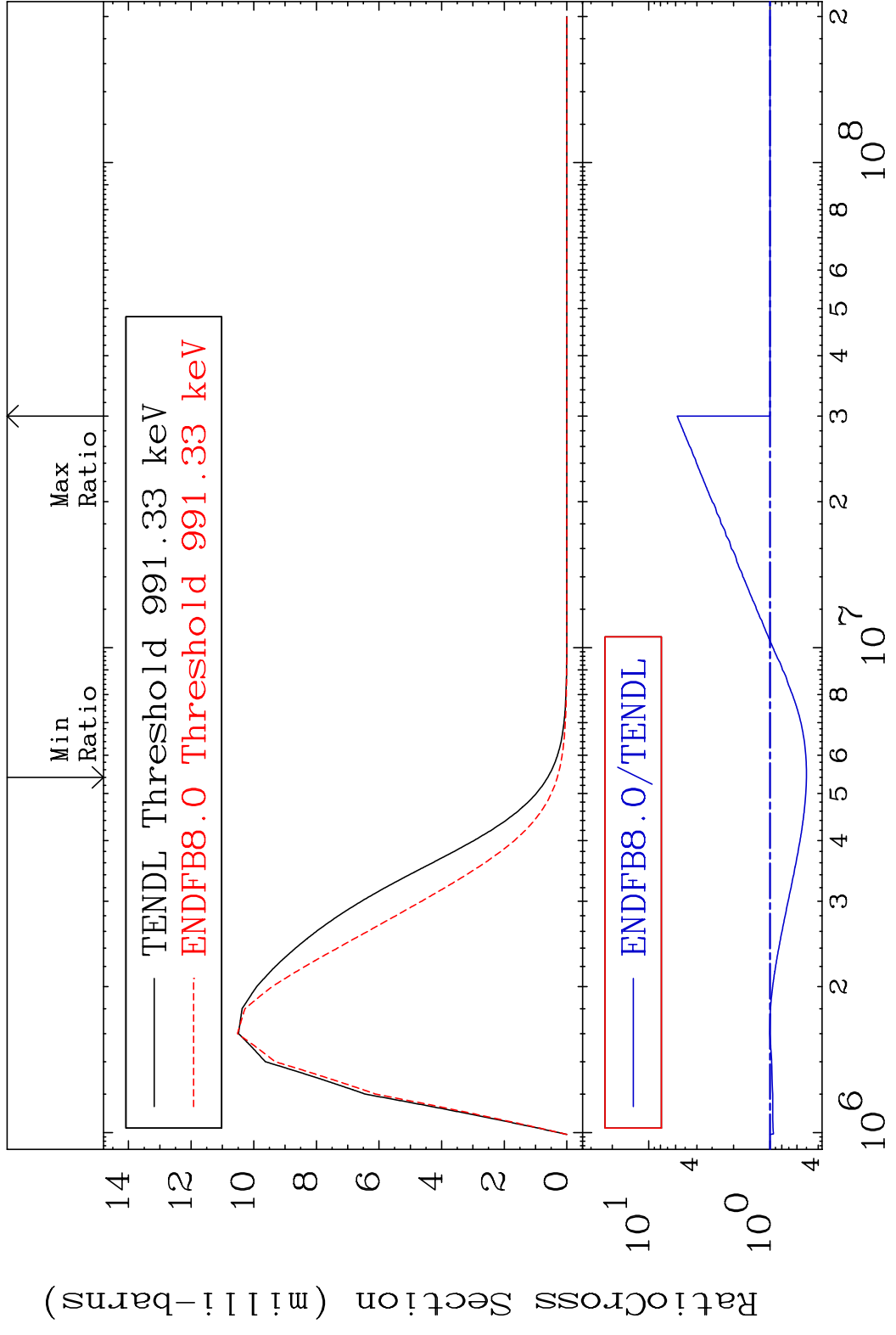
30 Incident Energy (eV) 36-Kr-81

MAT 3634 MT= 63 (n, n') Level 36-Kr-81  
 Cross Section -100.0 To 39.02 %



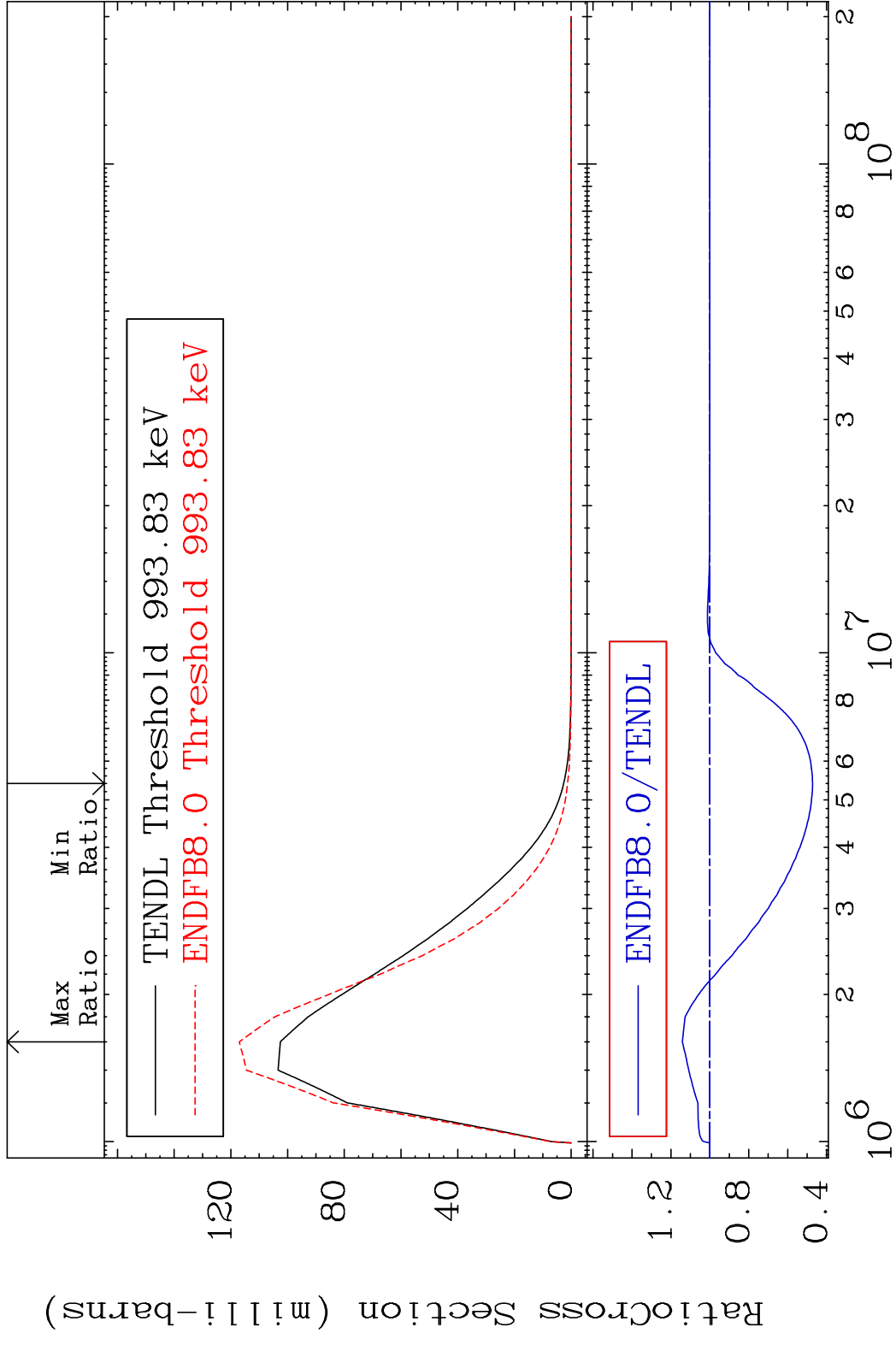


MAT 3634 MT= 64 (n, n') Level 36-Kr-81  
 Cross Section -49.96 To 482.7 %



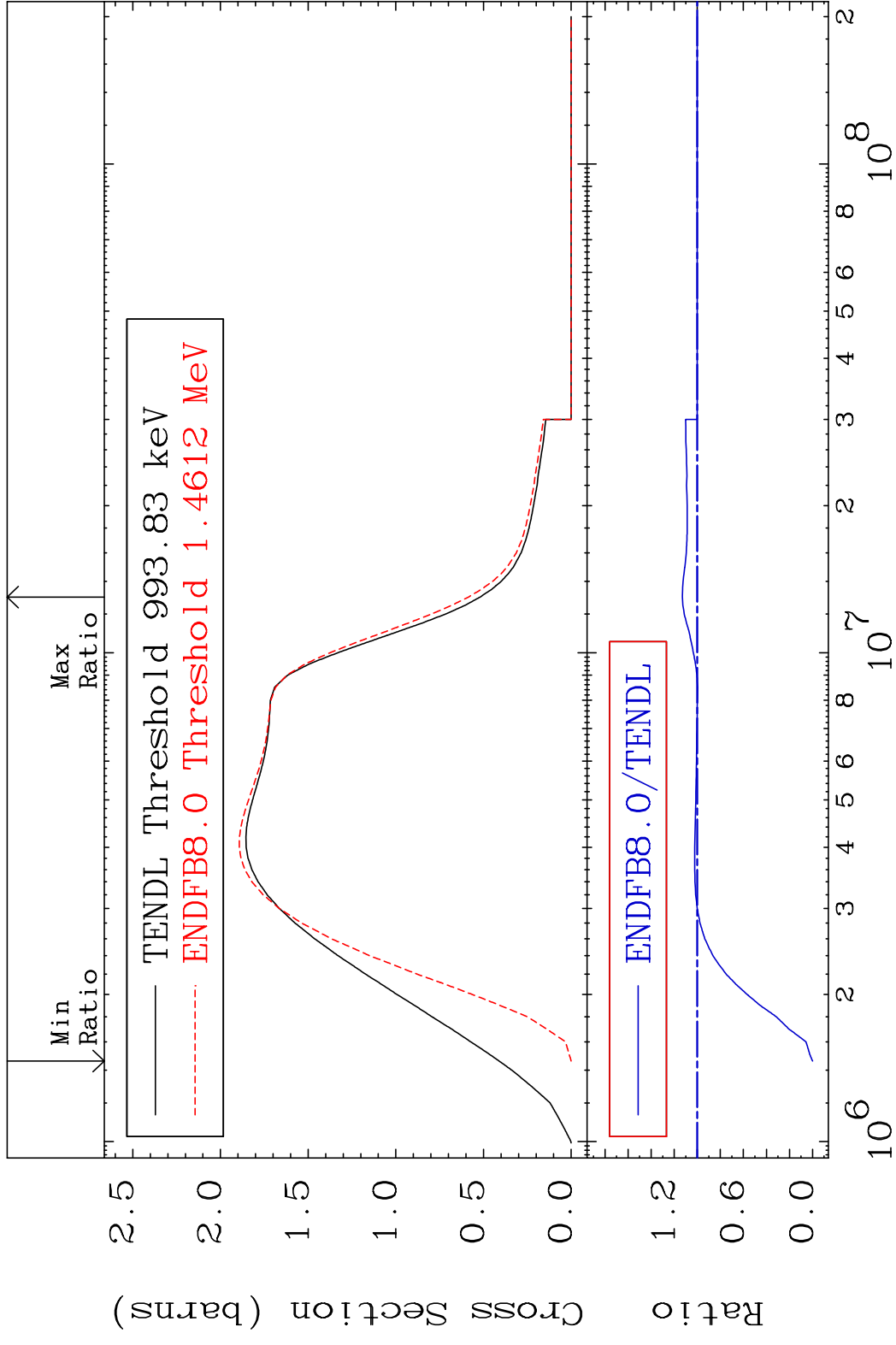
32 Incident Energy (eV) 36-Kr-81

MAT 3634 MT= 65 (n,n') Level 36-Kr-81  
 Cross Section -52.80 To 14.10 %



33 Incident Energy (eV) 36-Kr-81

MAT 3634 (n, n') Continuum 36-Kr-81  
 Cross Section -100.0 To 12.92 %



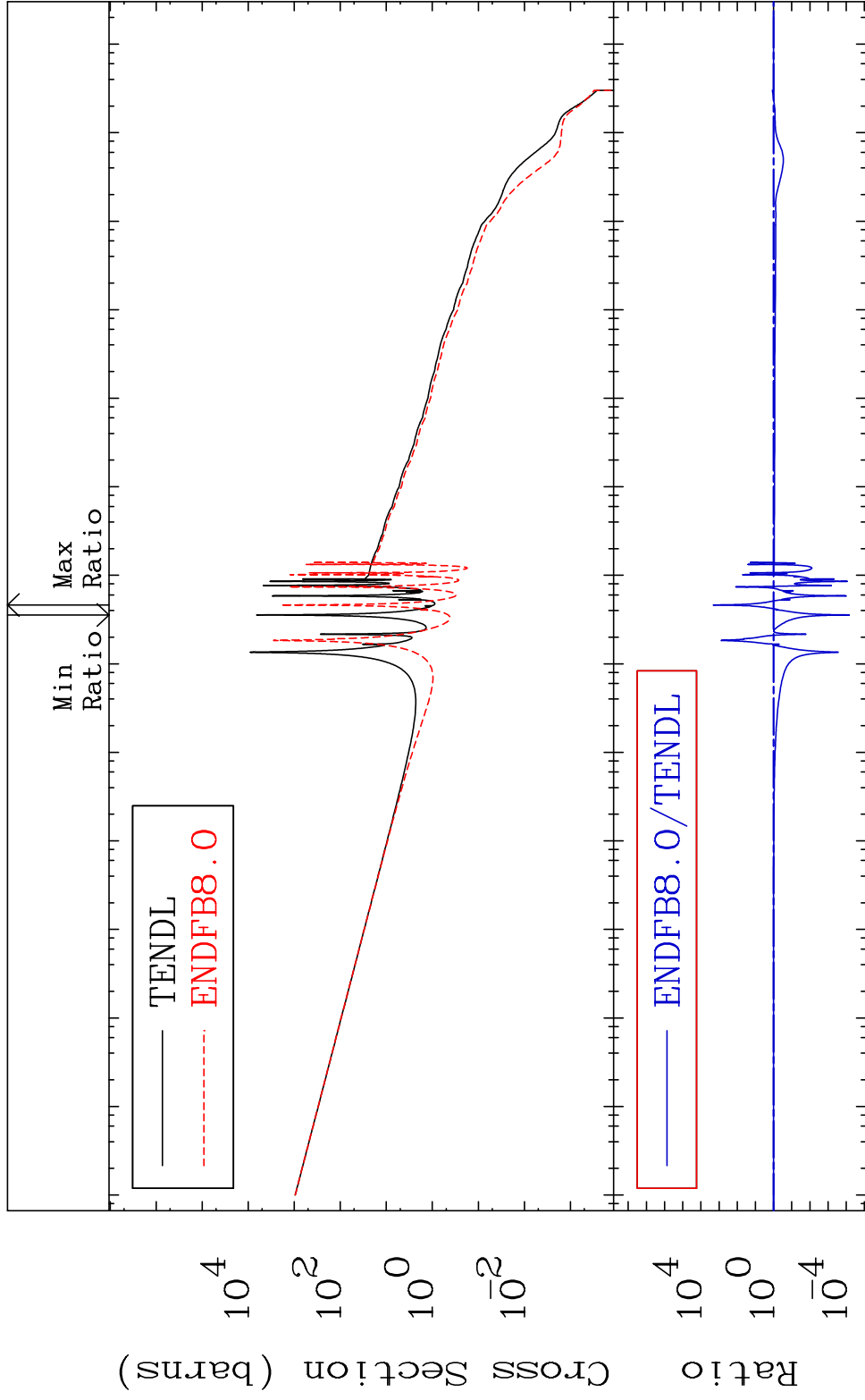
34 Incident Energy (eV) 36-Kr-81

MAT 3634

(n,  $\gamma$ )

36-Kr-81

Cross Section -99.99 To 9999. %



35

Incident Energy (eV)

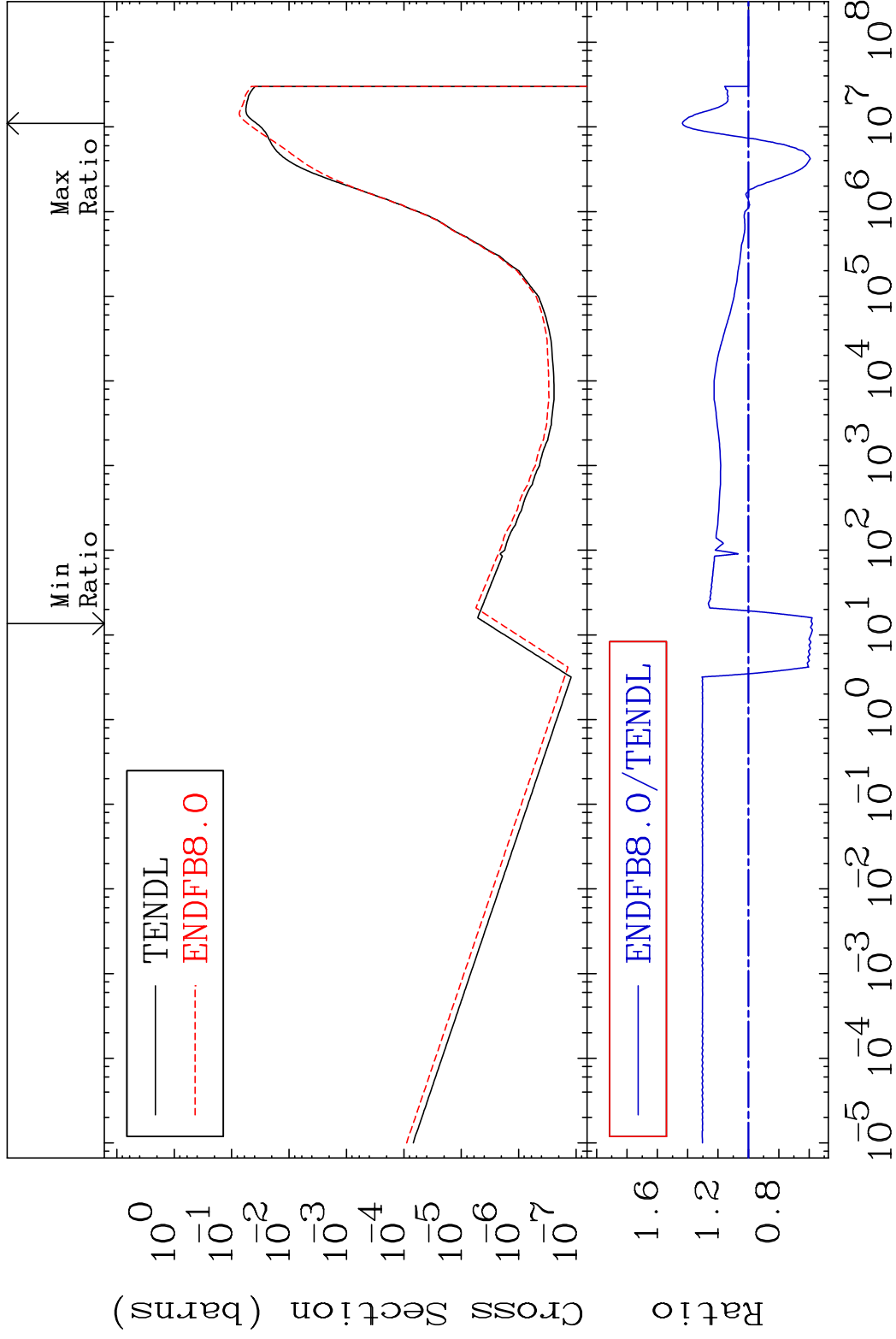
36-Kr-81

MAT 3634

(n, p)

36-Kr-81

Cross Section -42.25 To 43.52 %



36

Incident Energy (eV)

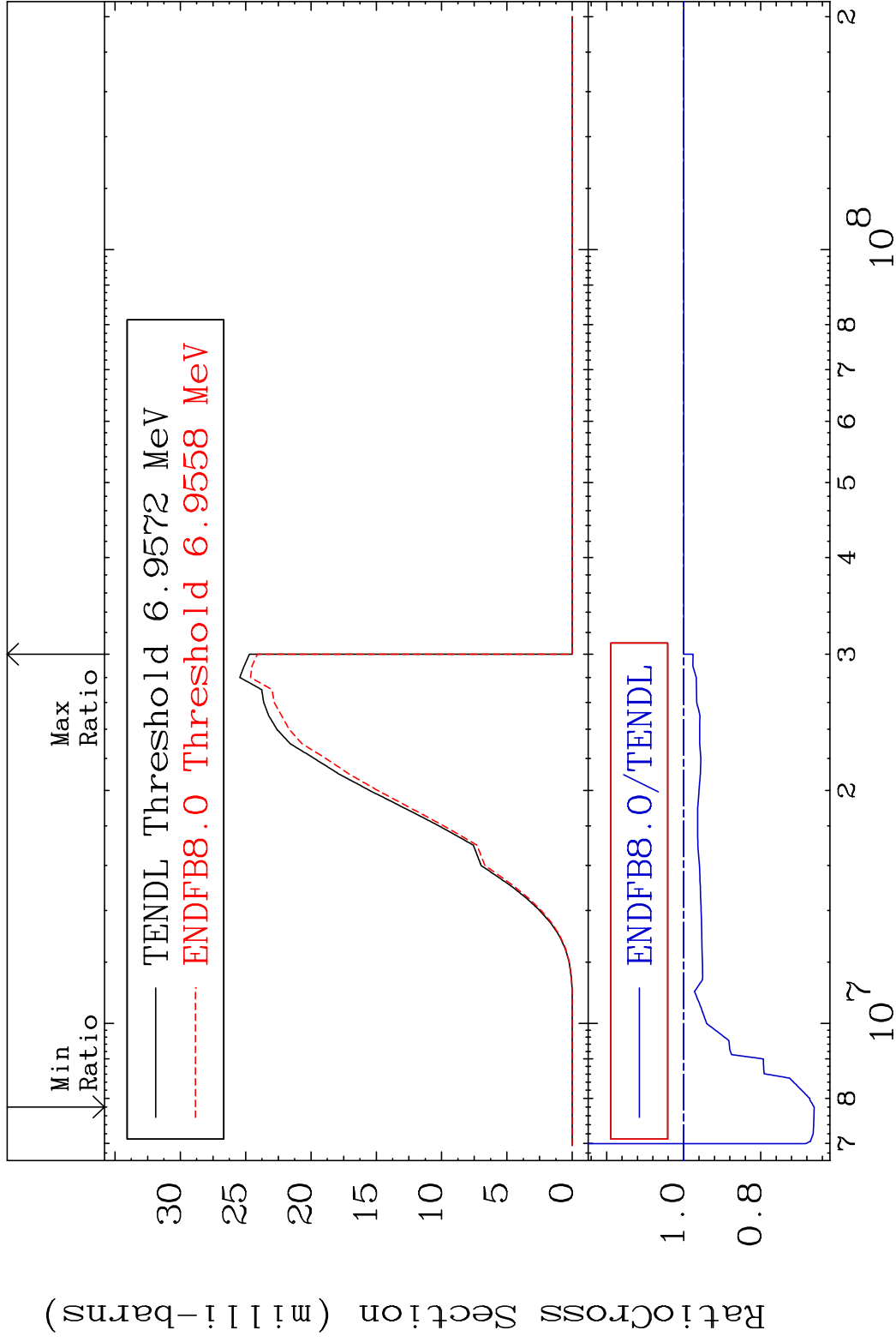
36-Kr-81

MAT 3634

(n,d)

36-Kr-81

Cross Section -33.86 To 0.000 %



37

Incident Energy (eV)

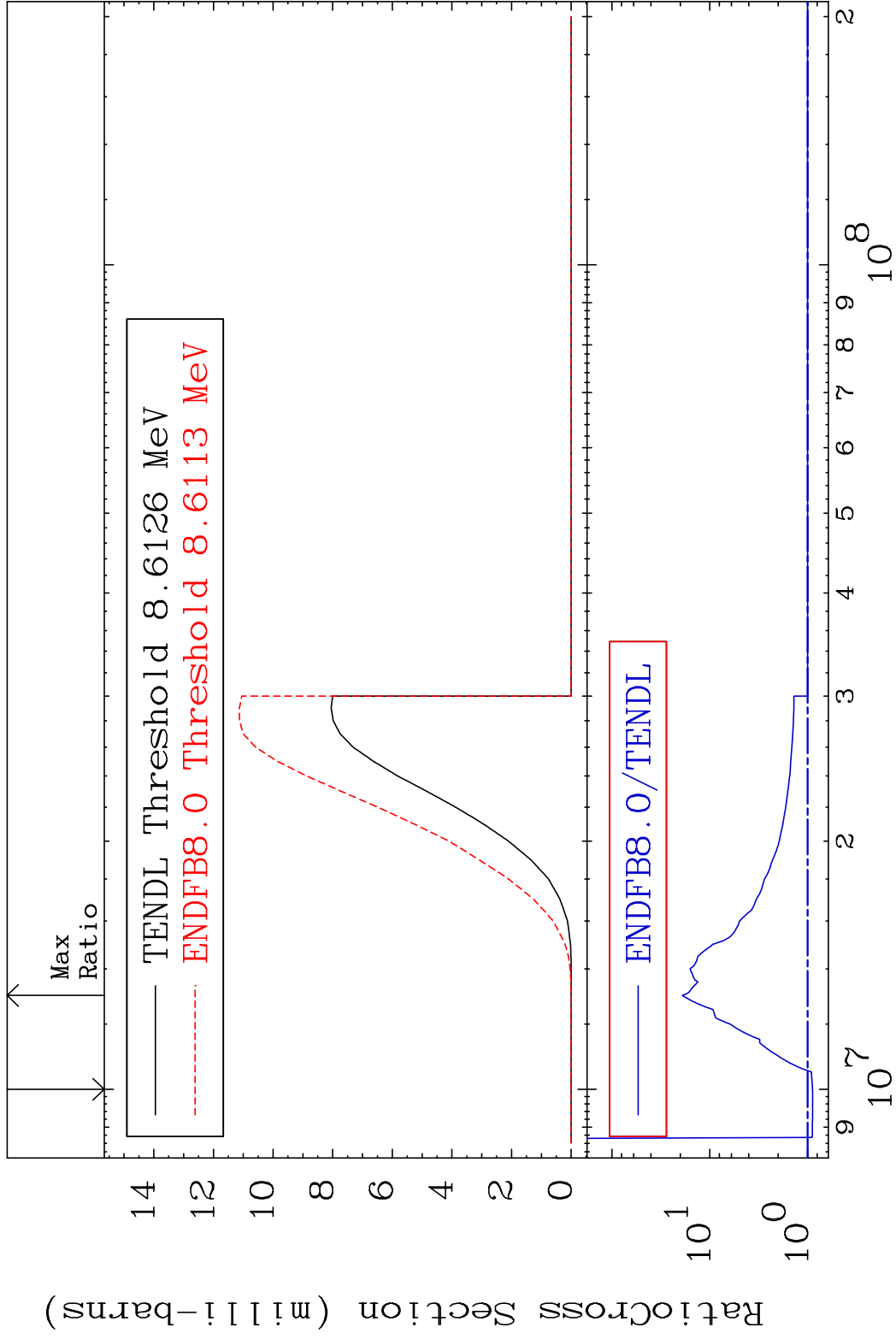
36-Kr-81

MAT 3634

(n, t)

36-Kr-81

Cross Section -11.01 To 1808. %



38

Incident Energy (eV)

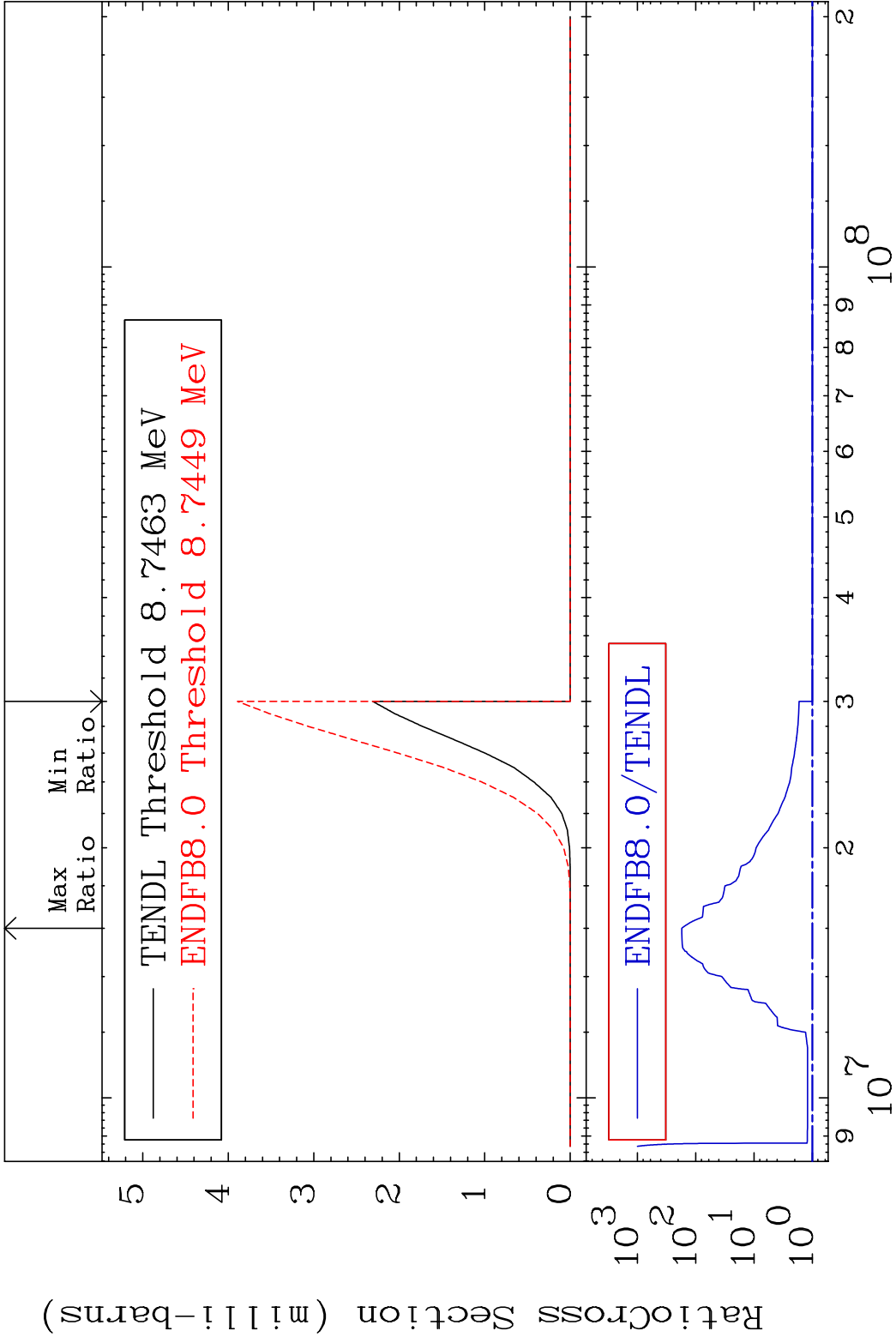
36-Kr-81

MAT 3634

(n, He-3)

36-Kr-81

Cross Section 0.000 To 9999. %



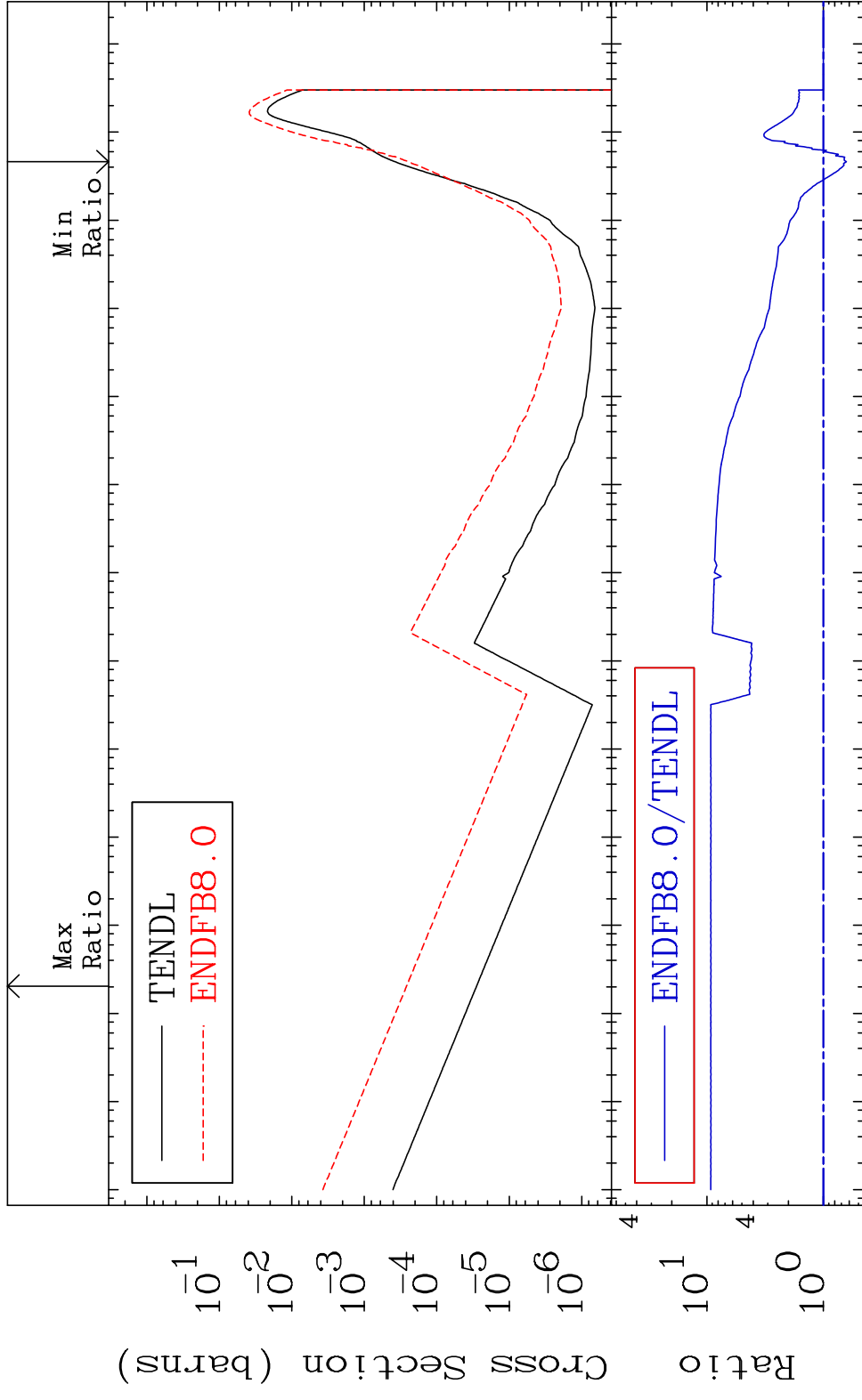
39

Incident Energy (eV)

36-Kr-81

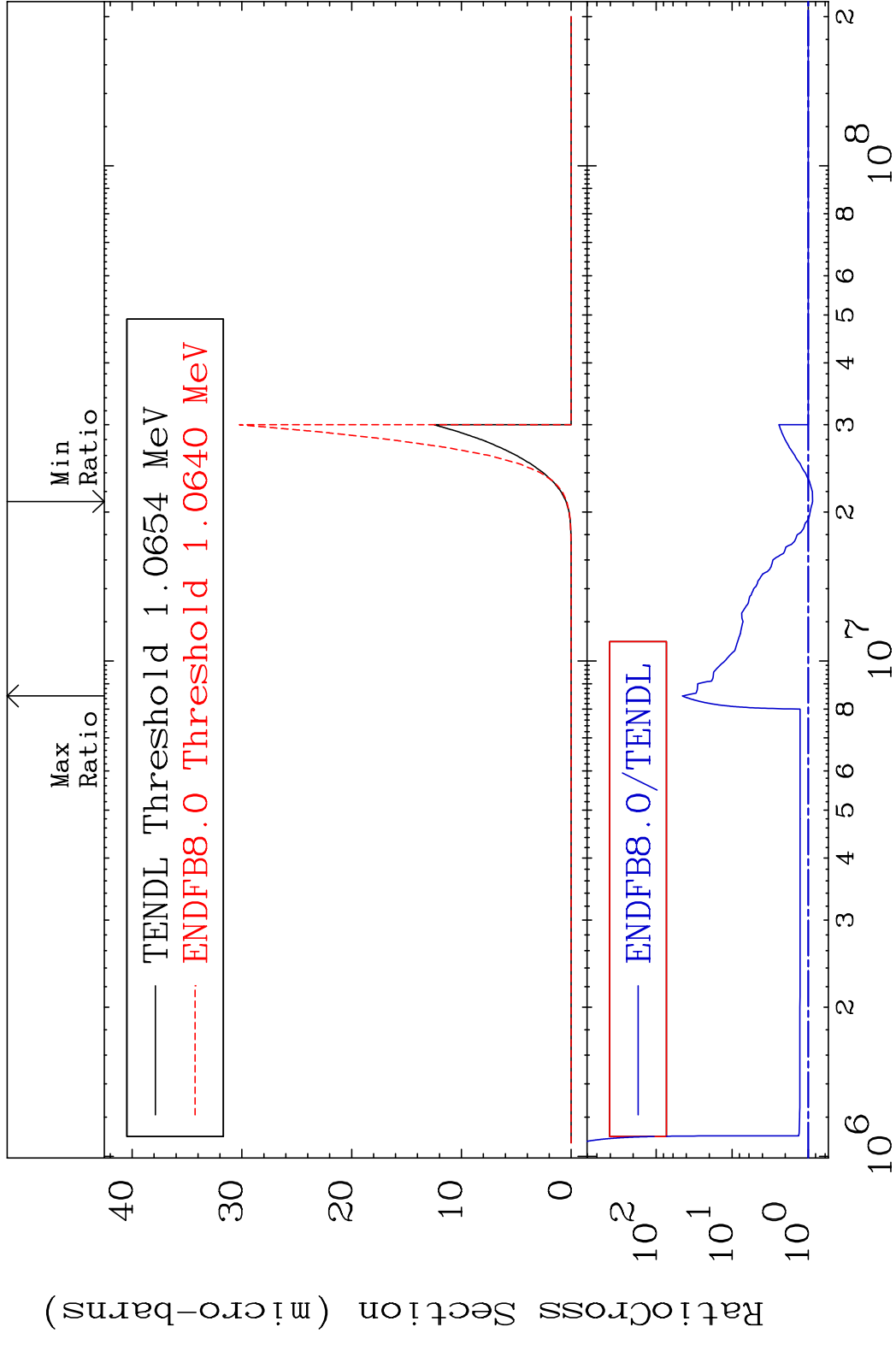


MAT 3634 (n,  $\alpha$ ) 36-Kr-81  
 Cross Section -36.44 To 826.6 %



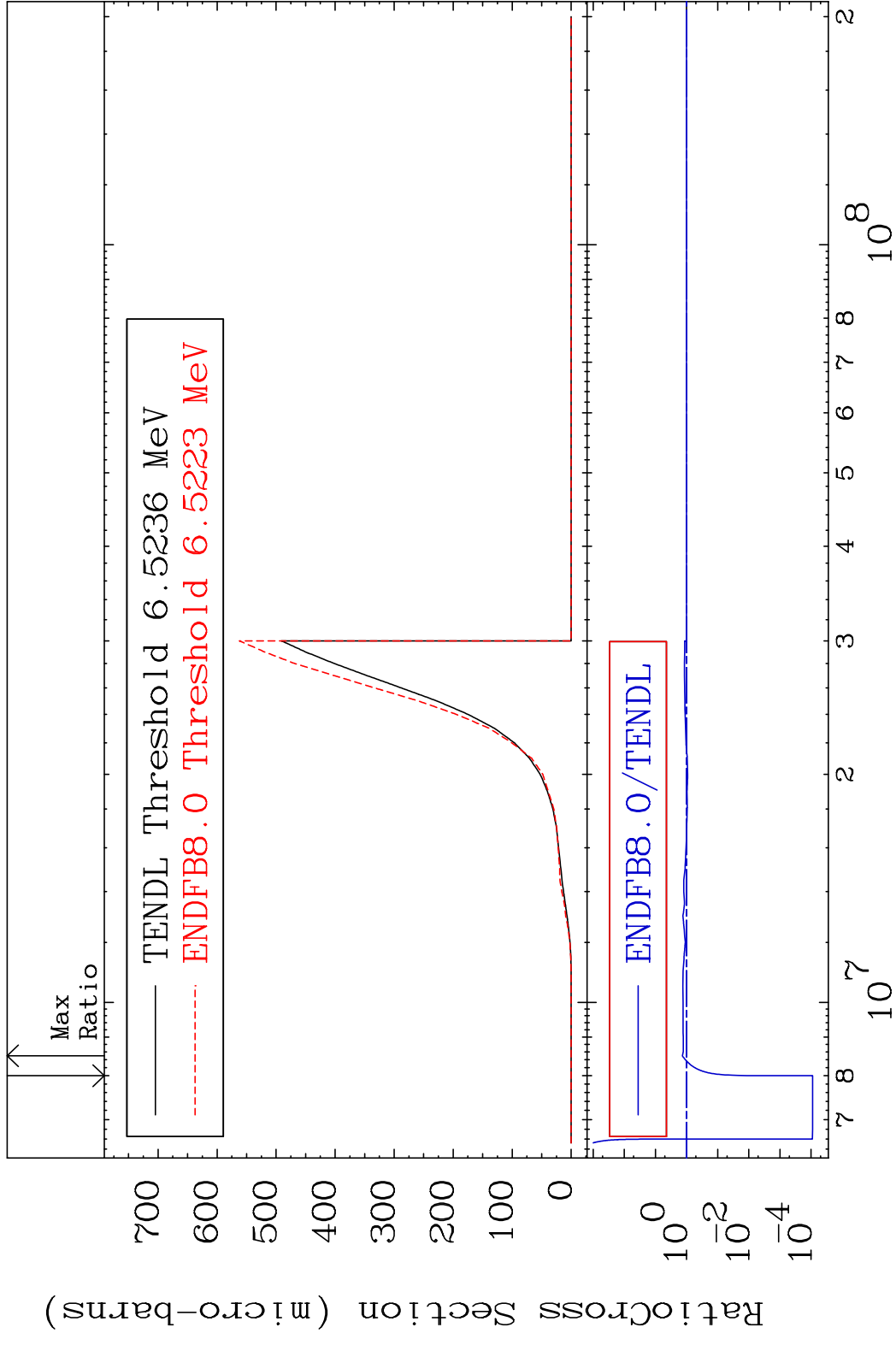
40 Incident Energy (eV) 36-Kr-81

MAT 3634 (n,2α) 36-Kr-81  
 Cross Section -12.38 To 4412. %



41 Incident Energy (eV) 36-Kr-81

MAT 3634 (n,2p) 36-Kr-81  
 Cross Section -99.99 To 36.23 %

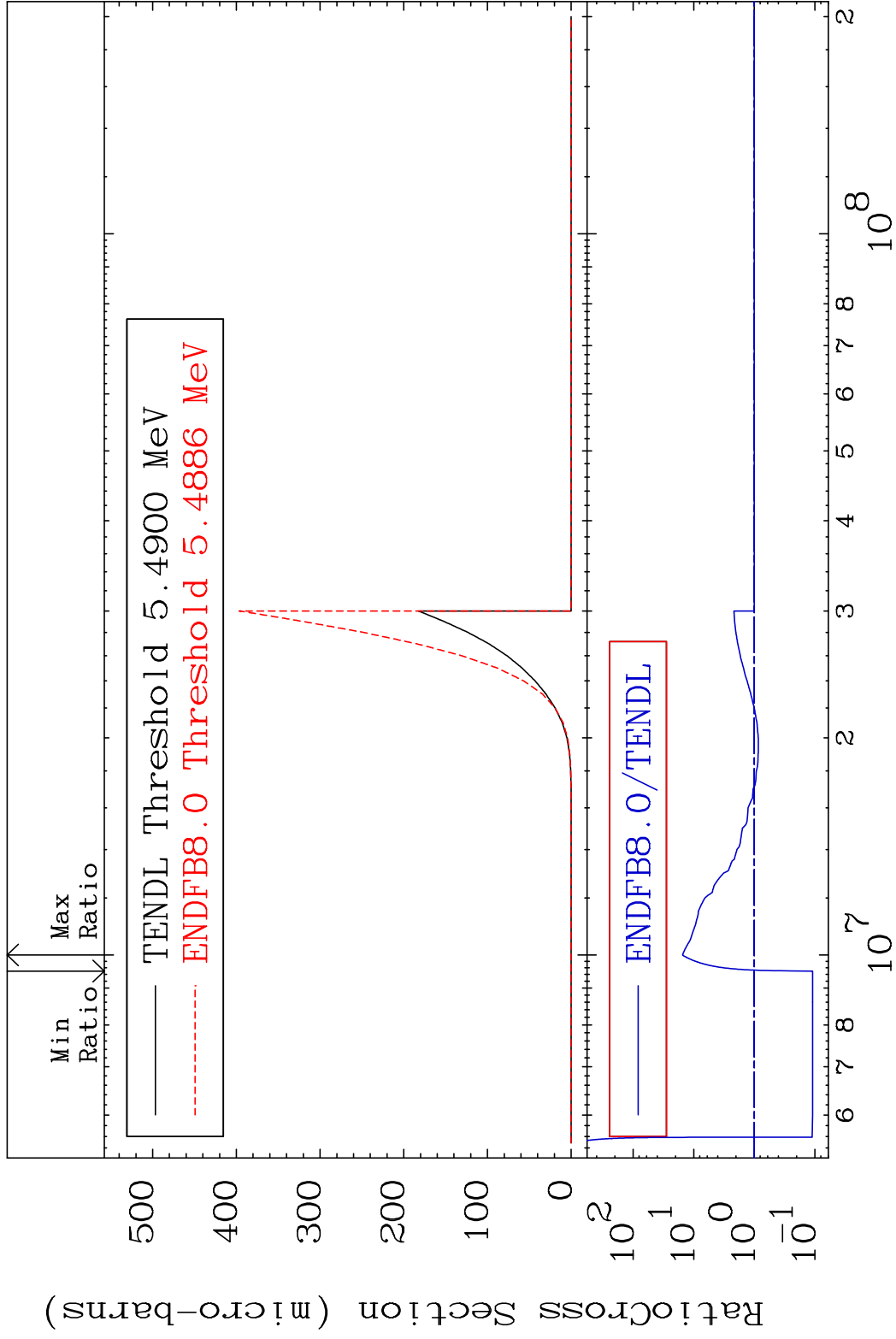


MAT 3634

(n,p)  $\alpha$

36-Kr-81

Cross Section -89.09 To 1443. %

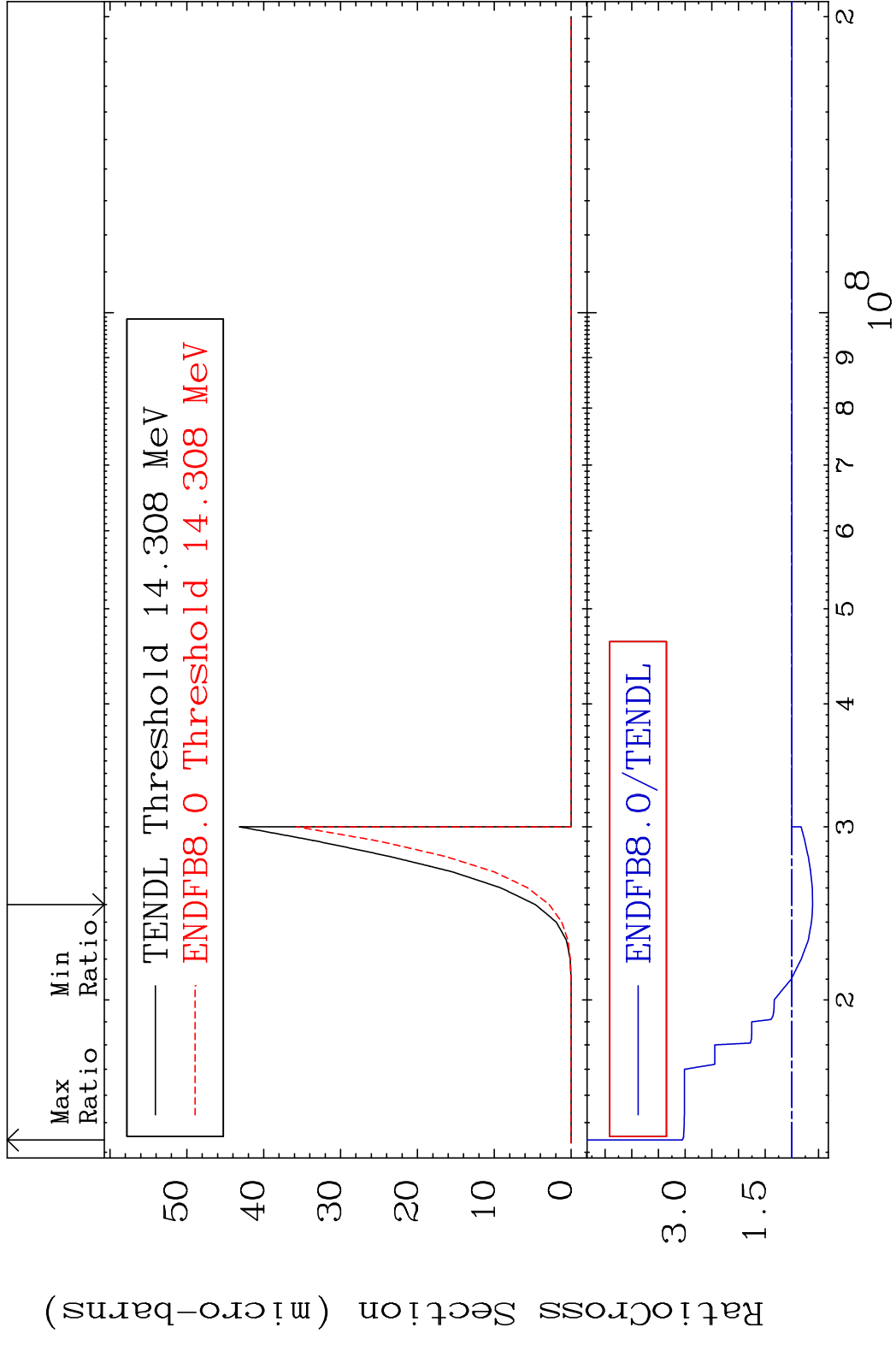


43

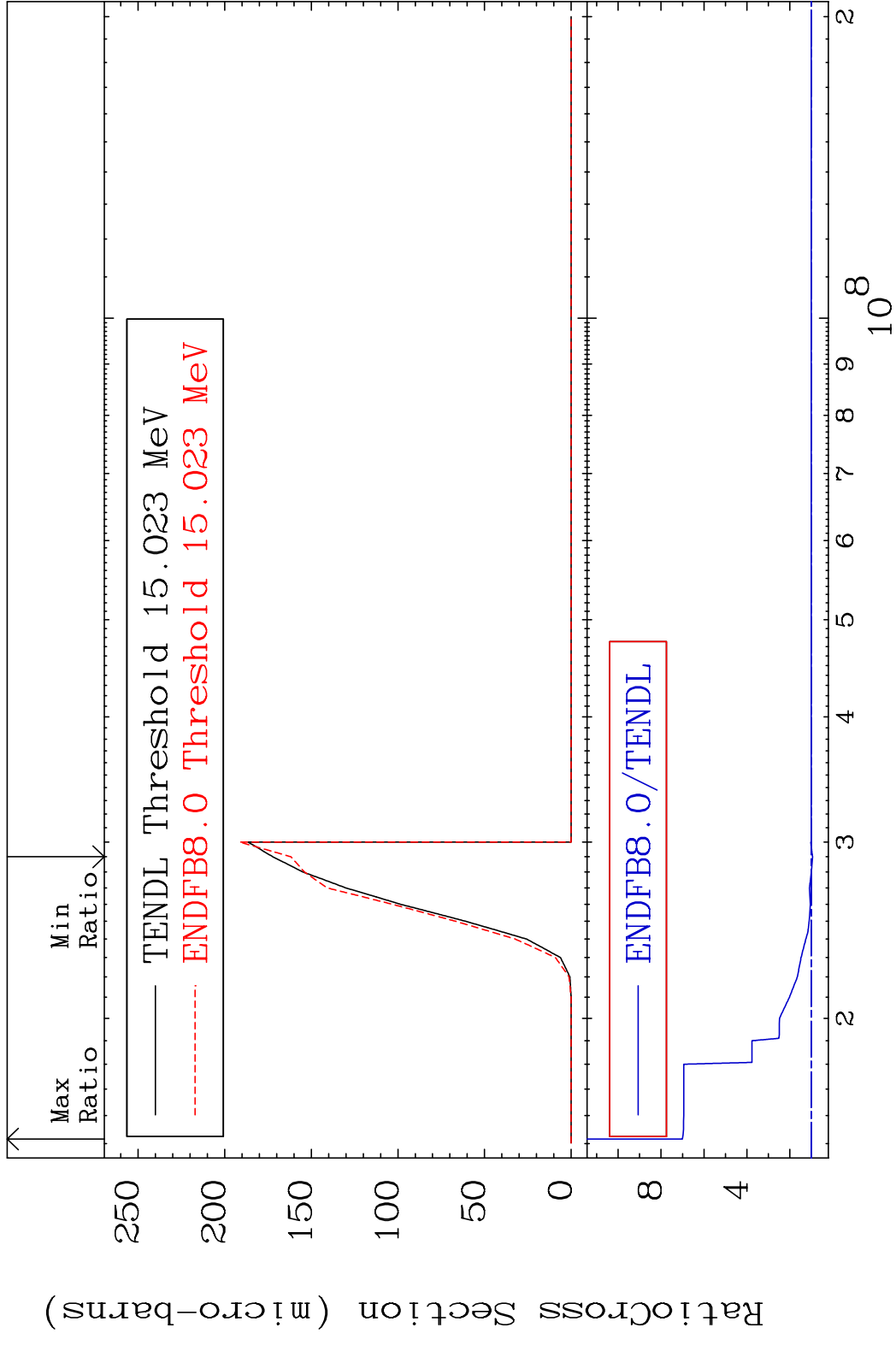
Incident Energy (eV)

36-Kr-81

MAT 3634 (n,p) d 36-Kr-81  
 Cross Section -38.72 To 205.3 %



MAT 3634 (n,p) t 36-Kr-81  
 Cross Section -6.090 To 600.8 %

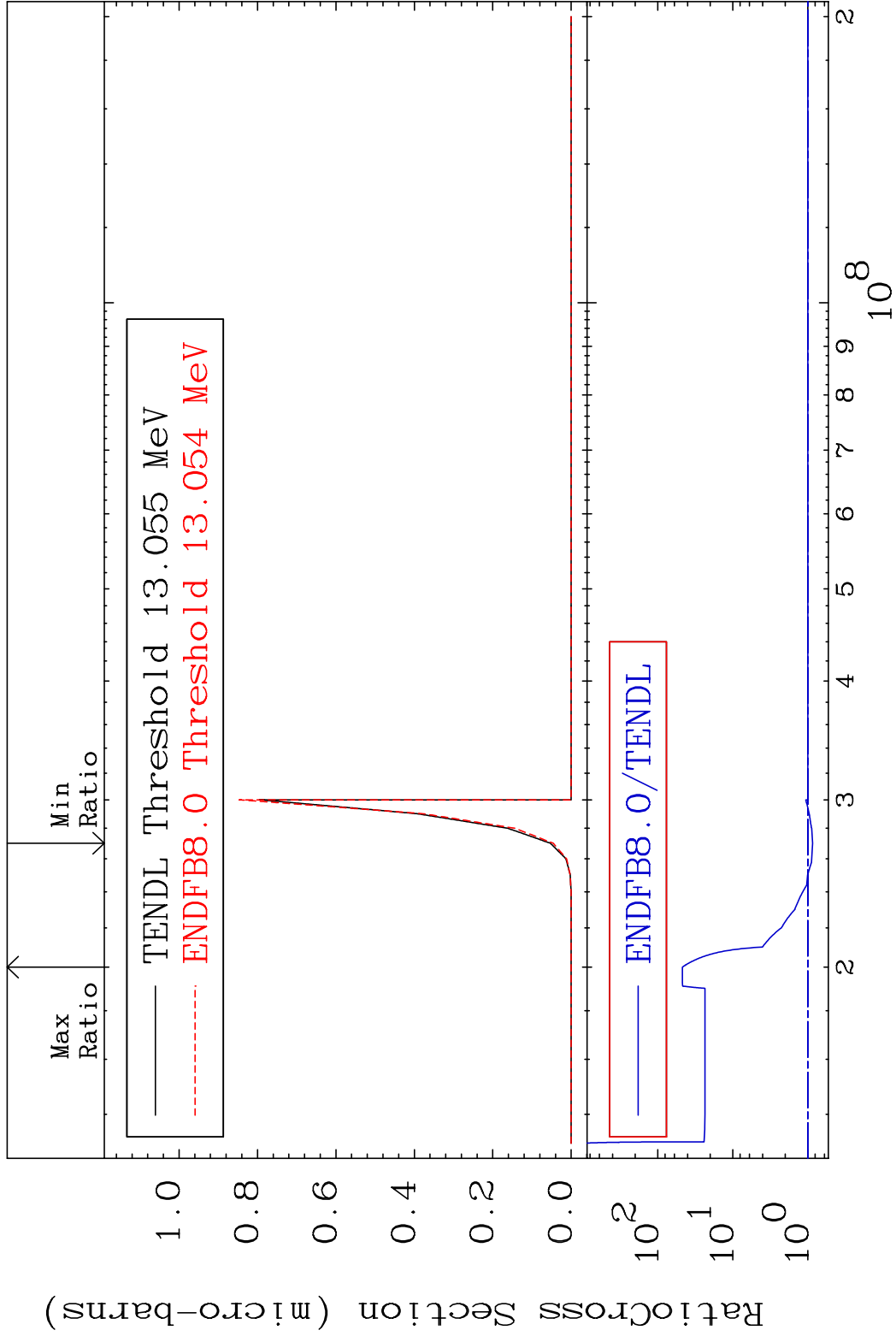


MAT 3634

(n,d)  $\alpha$

36-Kr-81

Cross Section -13.34 To 4607. %

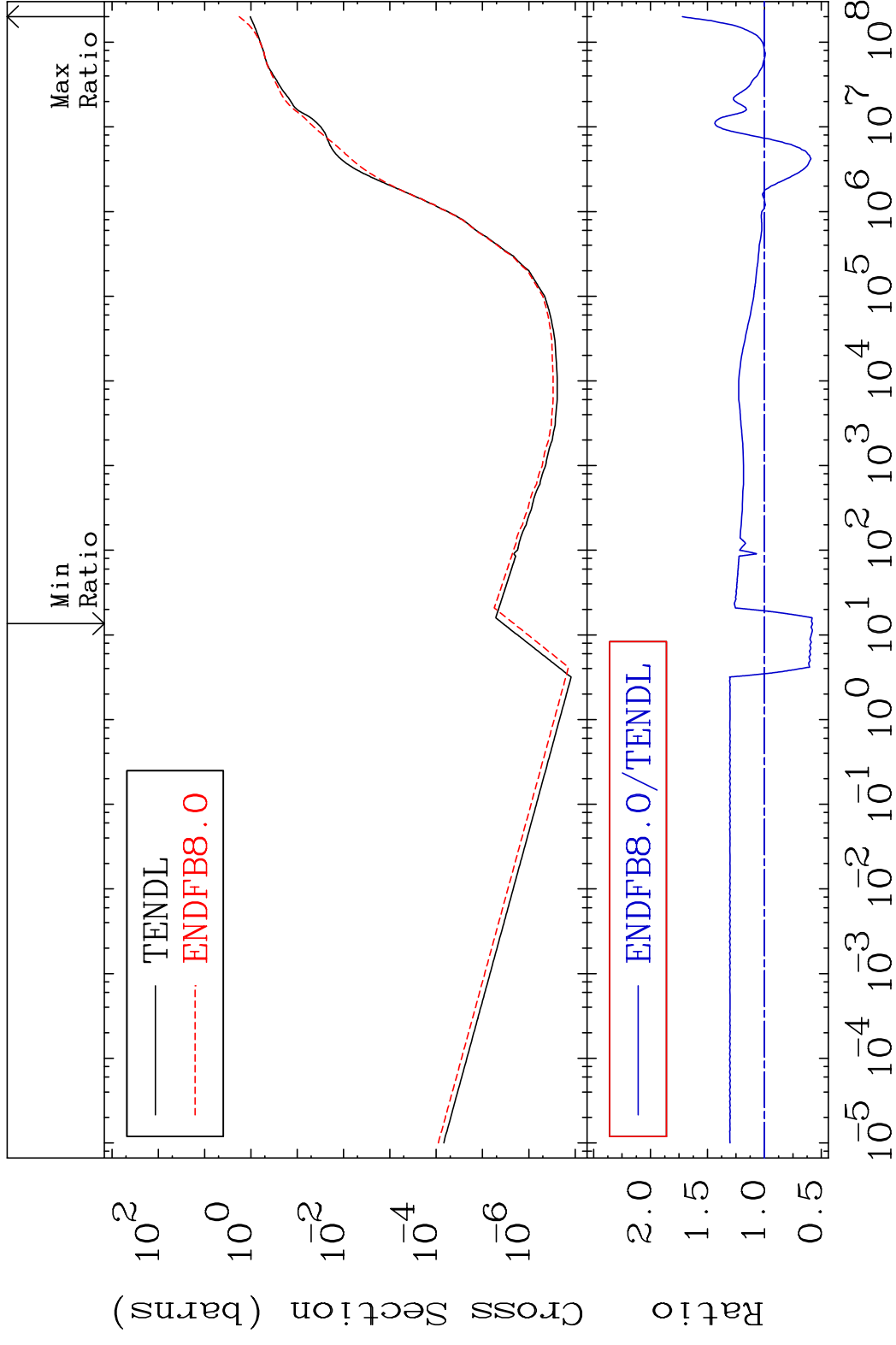


46

Incident Energy (eV)

36-Kr-81

MAT 3634 Hydrogen Production 36-Kr-81  
 Cross Section -42.25 To 72.06 %



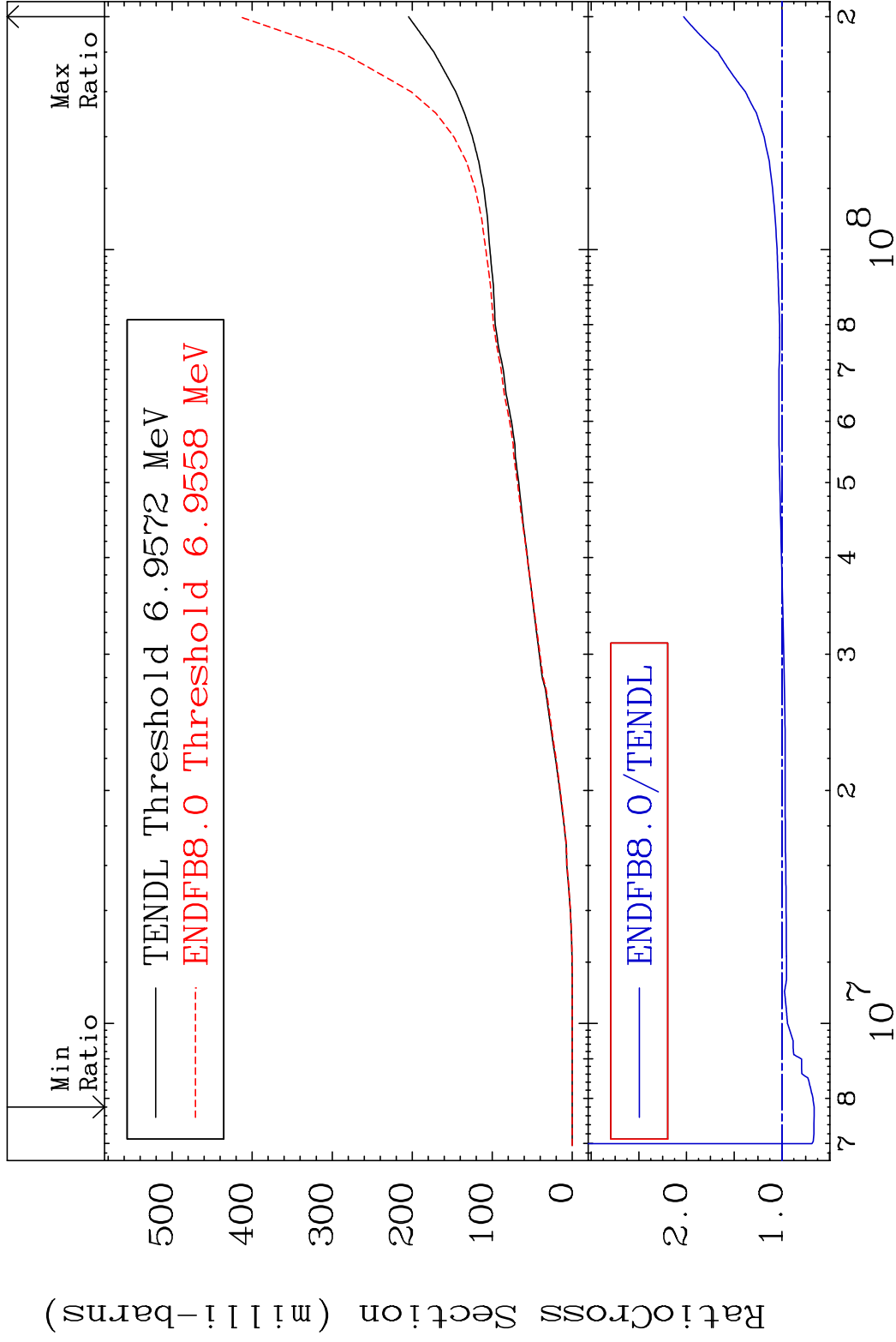


MAT 3634

Deuterium Production

36-Kr-81

Cross Section -33.86 To 103.0 %



48

Incident Energy (eV)

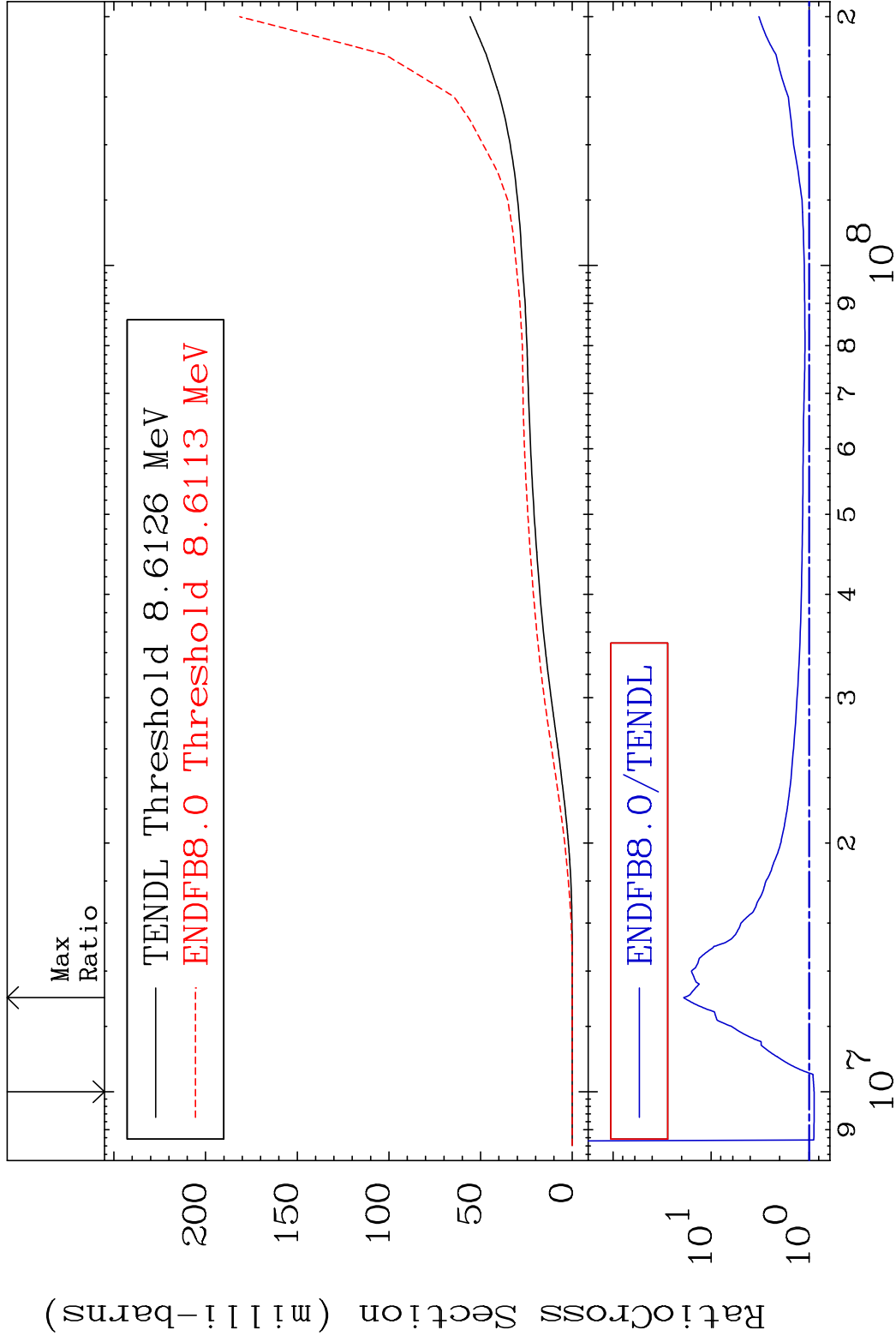
36-Kr-81

MAT 3634

Tritium Production

36-Kr-81

Cross Section -11.01 To 1808. %



49

Incident Energy (eV)

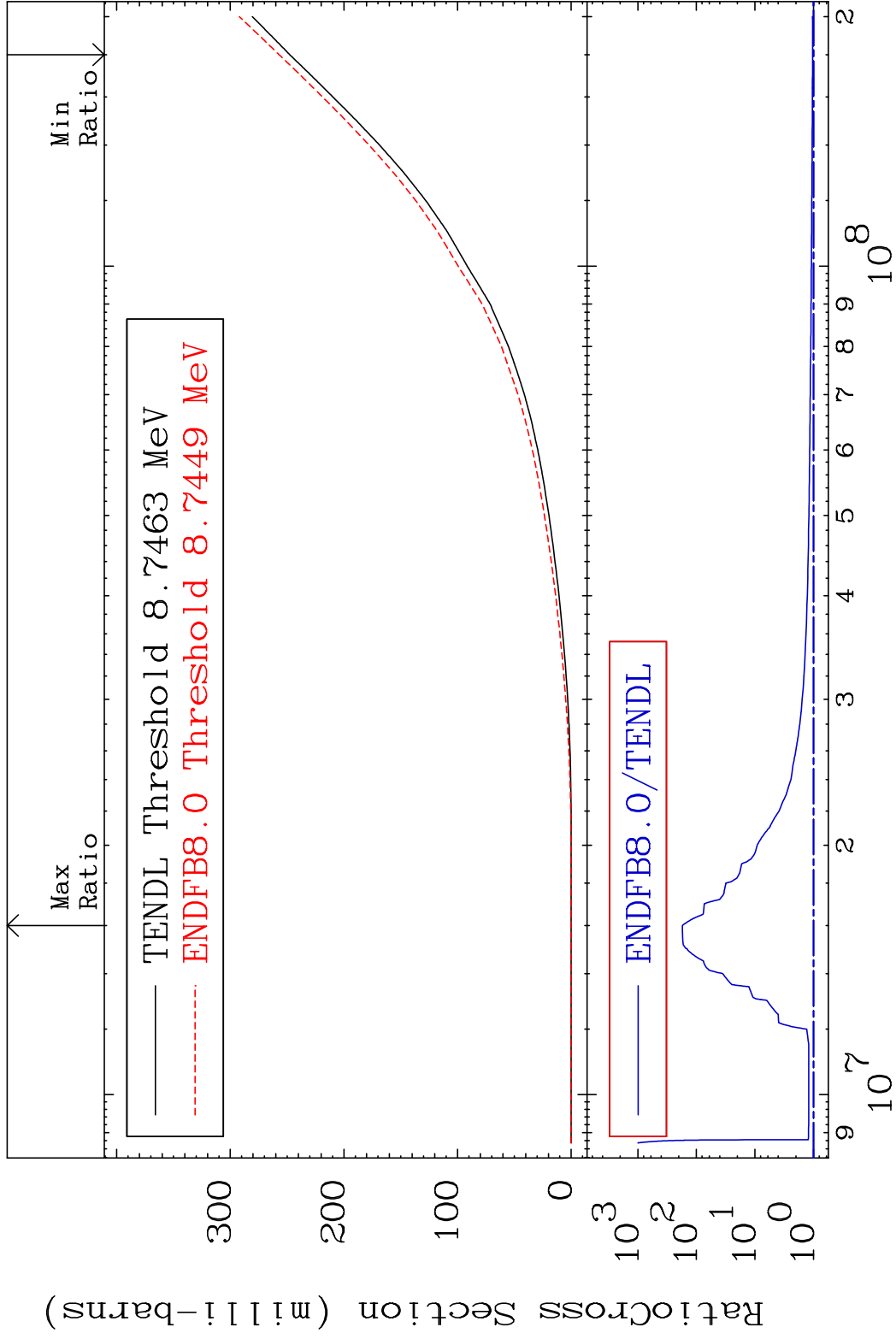
36-Kr-81

MAT 3634

He-3 Production

36-Kr-81

Cross Section 3.774 To 9999. %

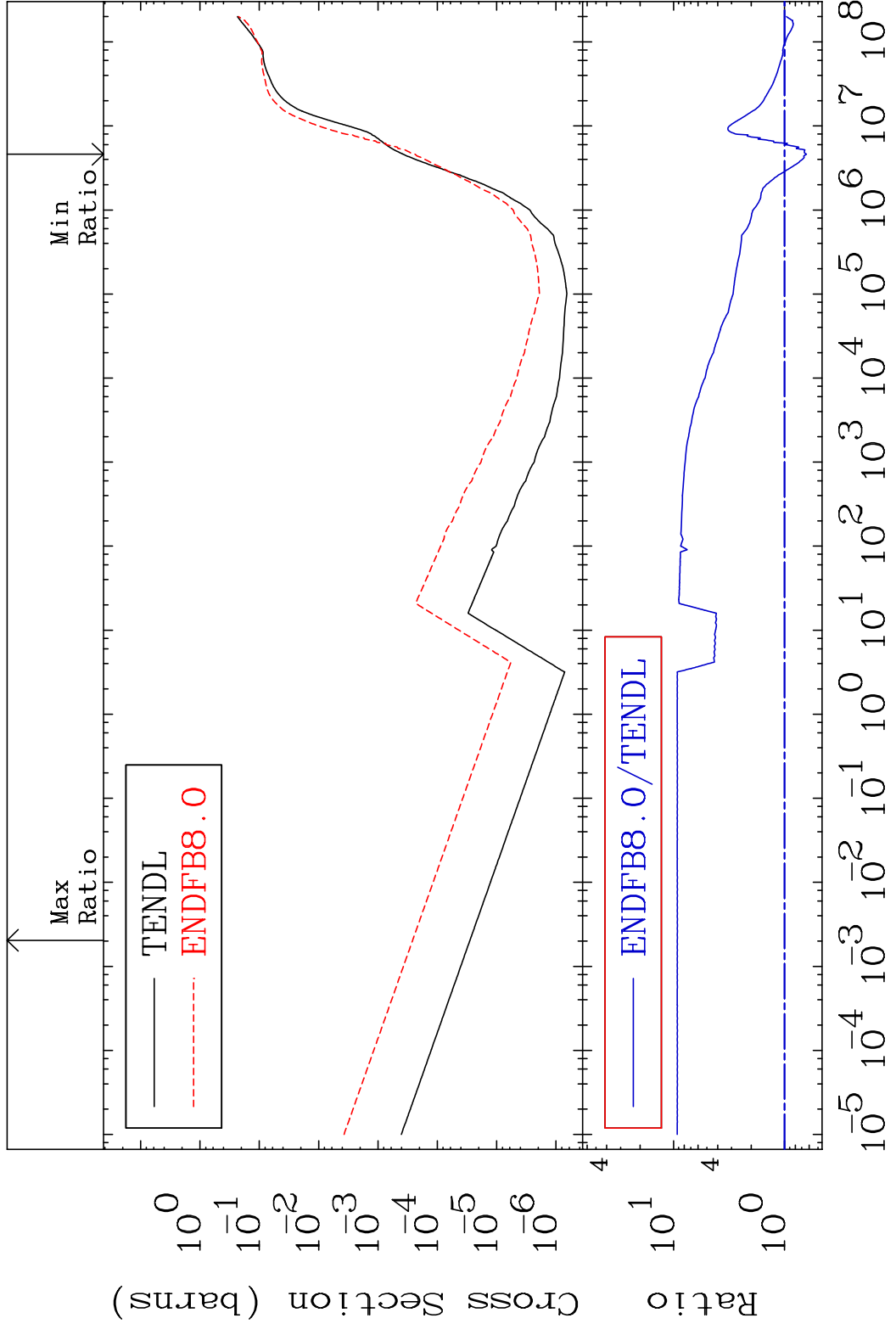


50

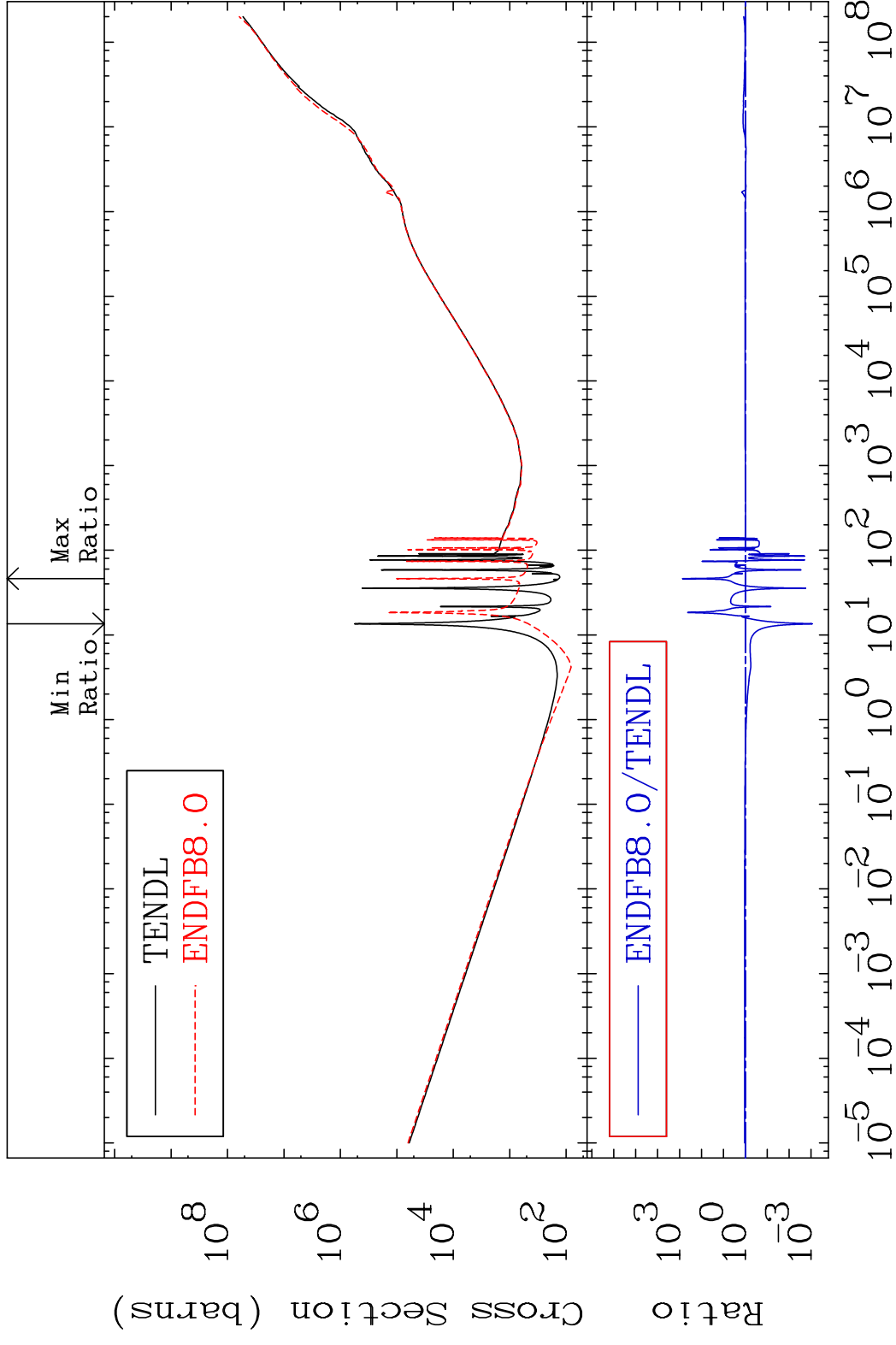
Incident Energy (eV)

36-Kr-81

MAT 3634 He-4 Production 36-Kr-81  
 Cross Section -36.44 To 826.6 %

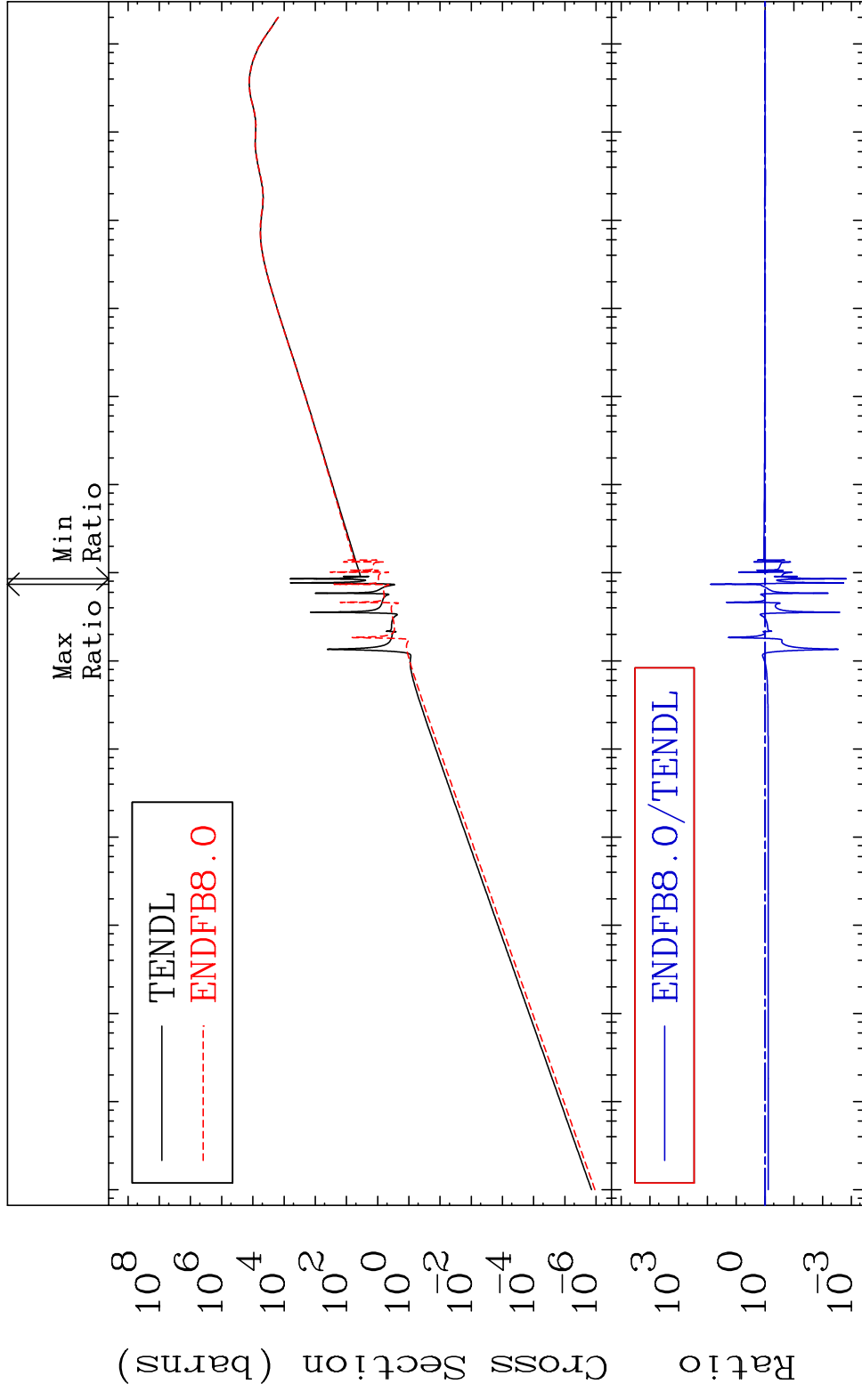


MAT 3634 Kerma total (eV-barns) 36-Kr-81  
 Cross Section -99.92 To 9999. %

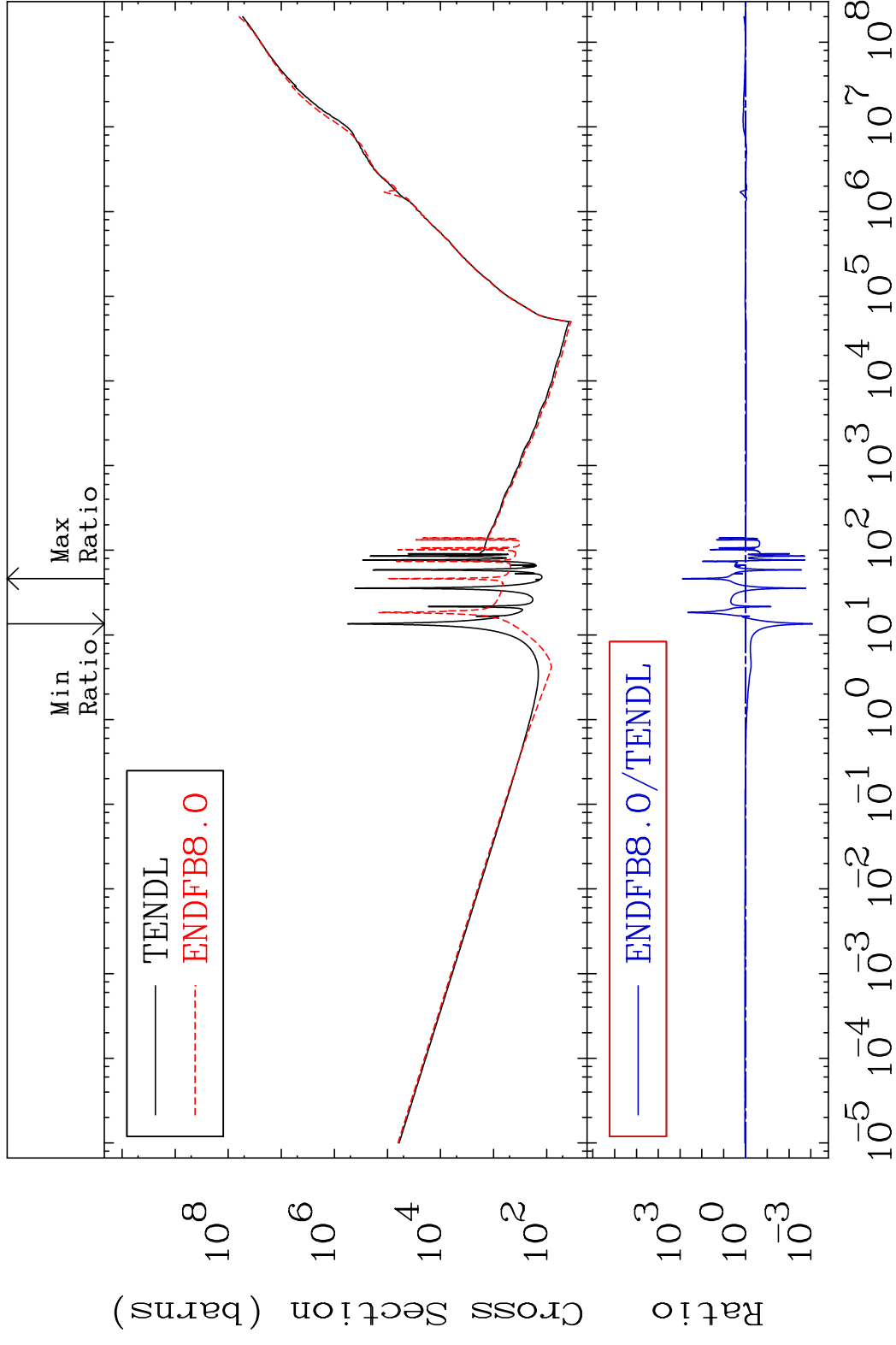


MAT 3634

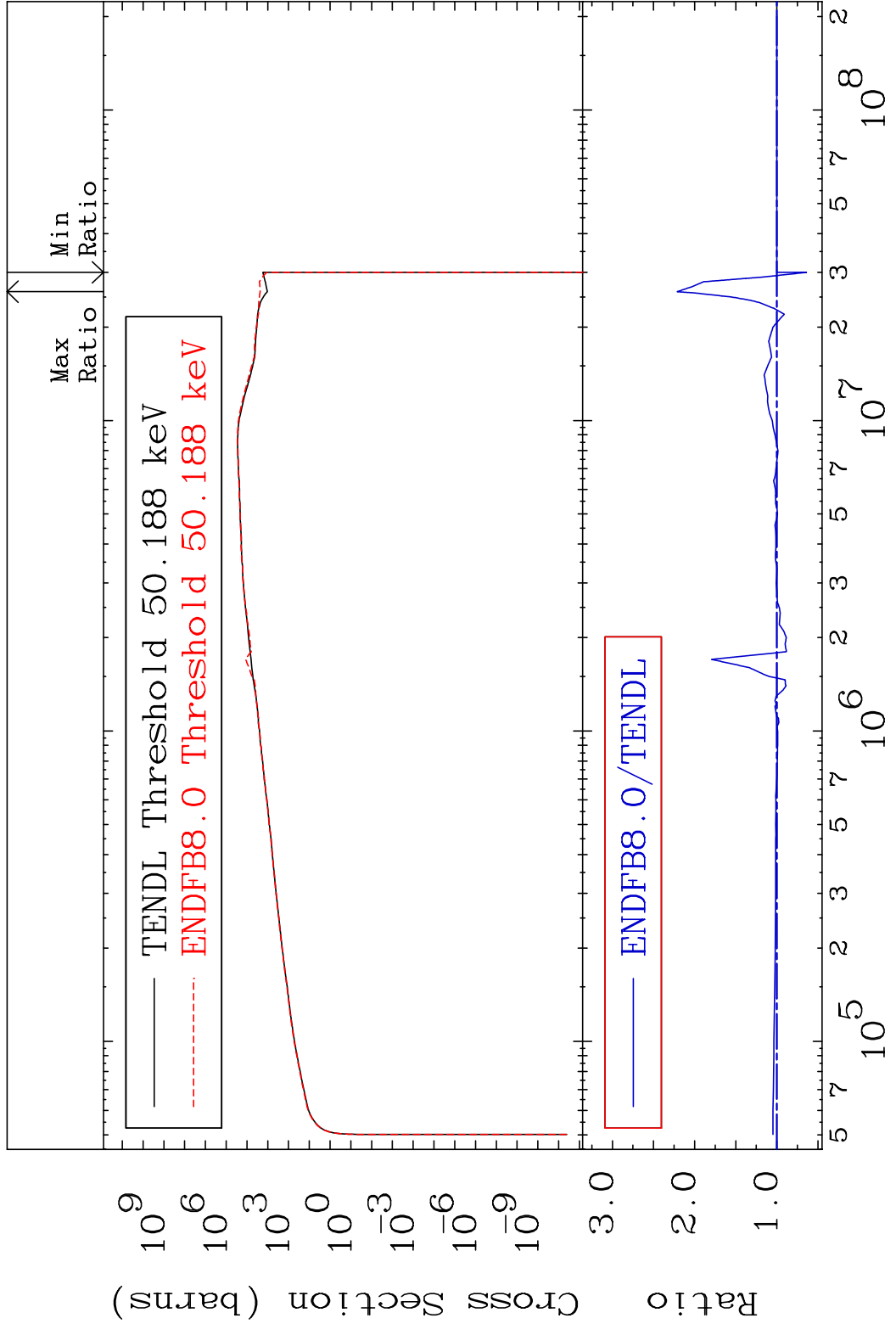
Kerma elastic  
Cross Section -99.85 To 7642. %  
36-Kr-81



MAT 3634 Kerma non-elastic (all but mt2) 36-Kr-81  
 Cross Section -99.92 To 9999. %

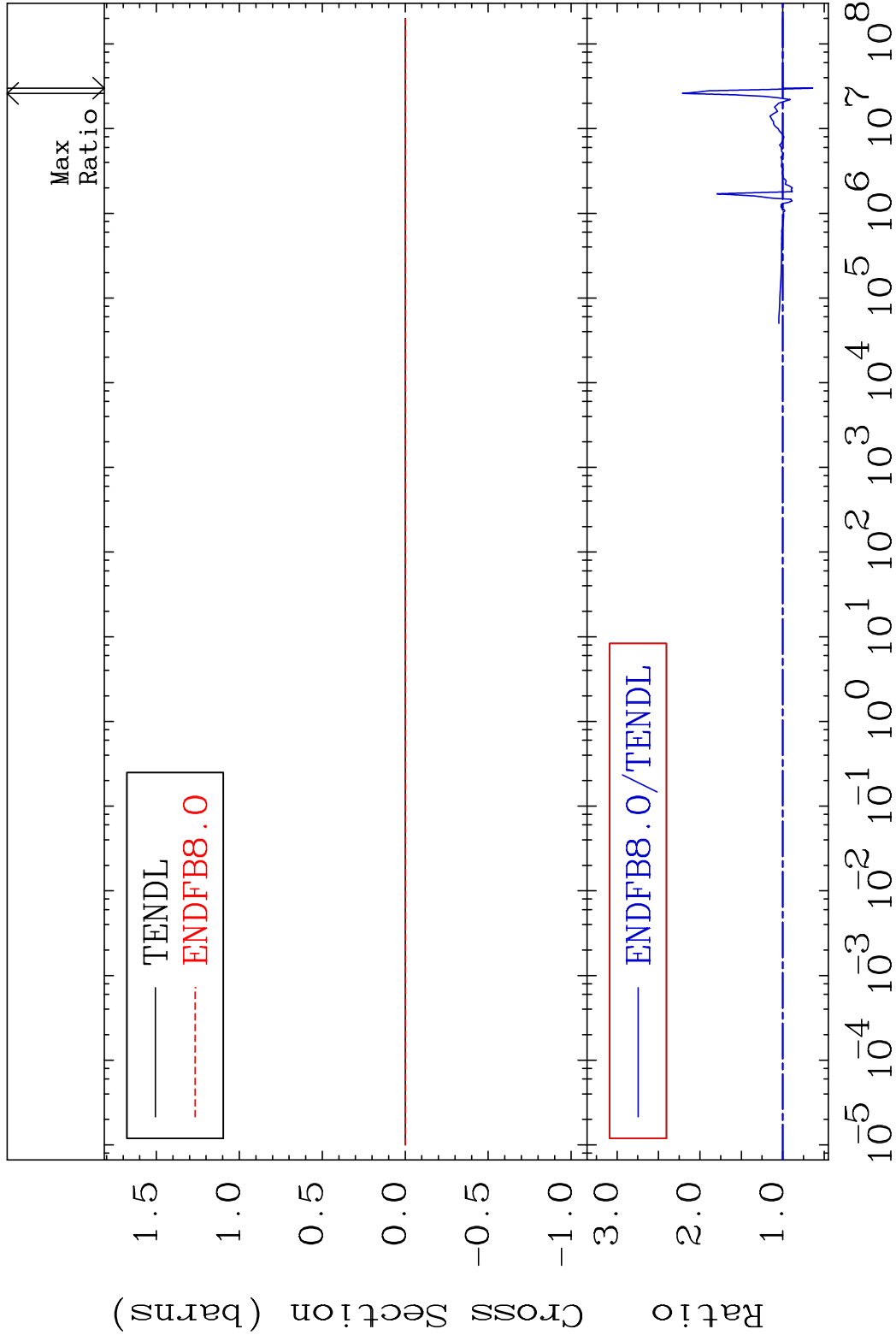


MAT 3634 Kerma inelastic (mt51-91) 36-Kr-81  
 Cross Section -35.92 To 121.2 %

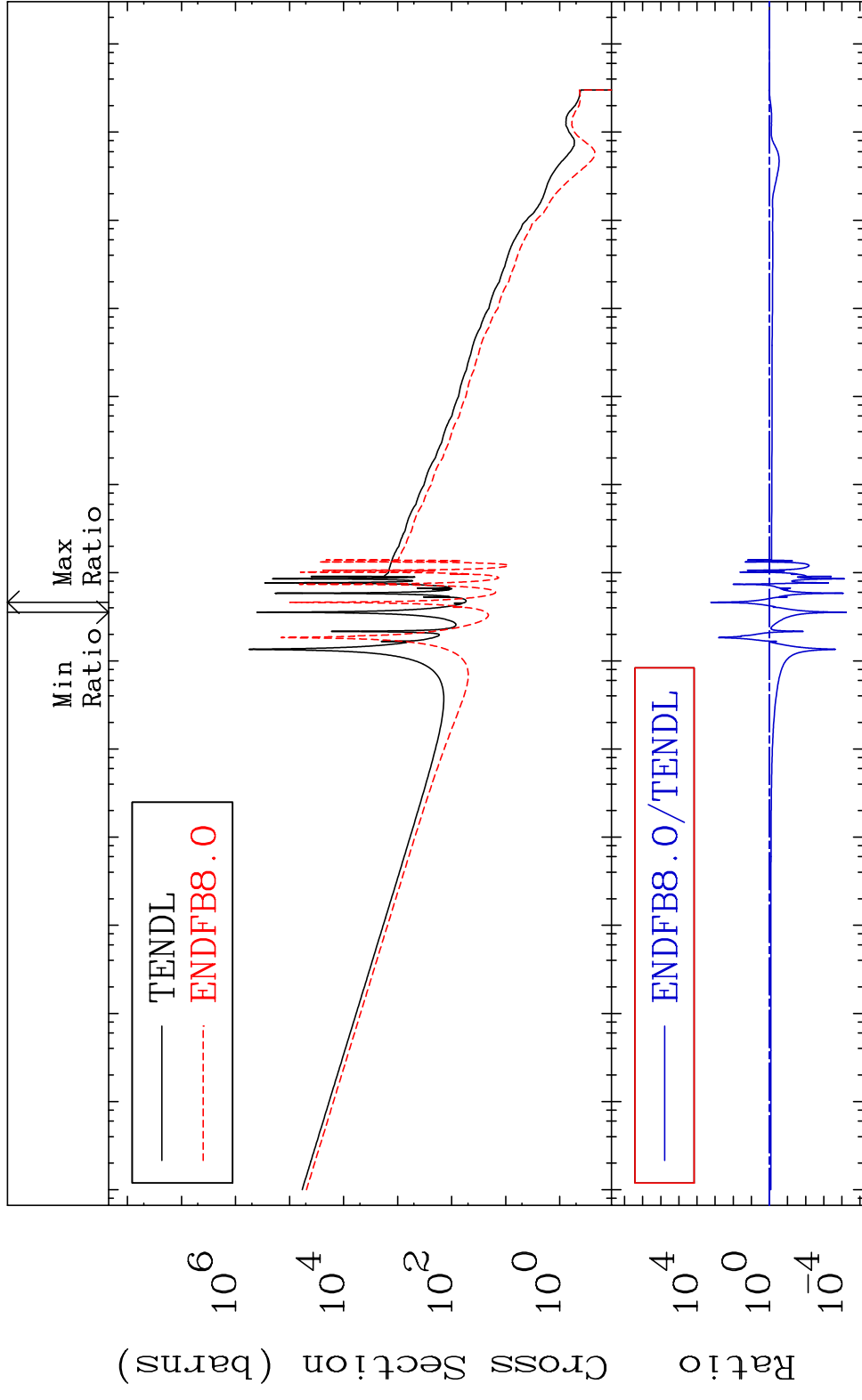




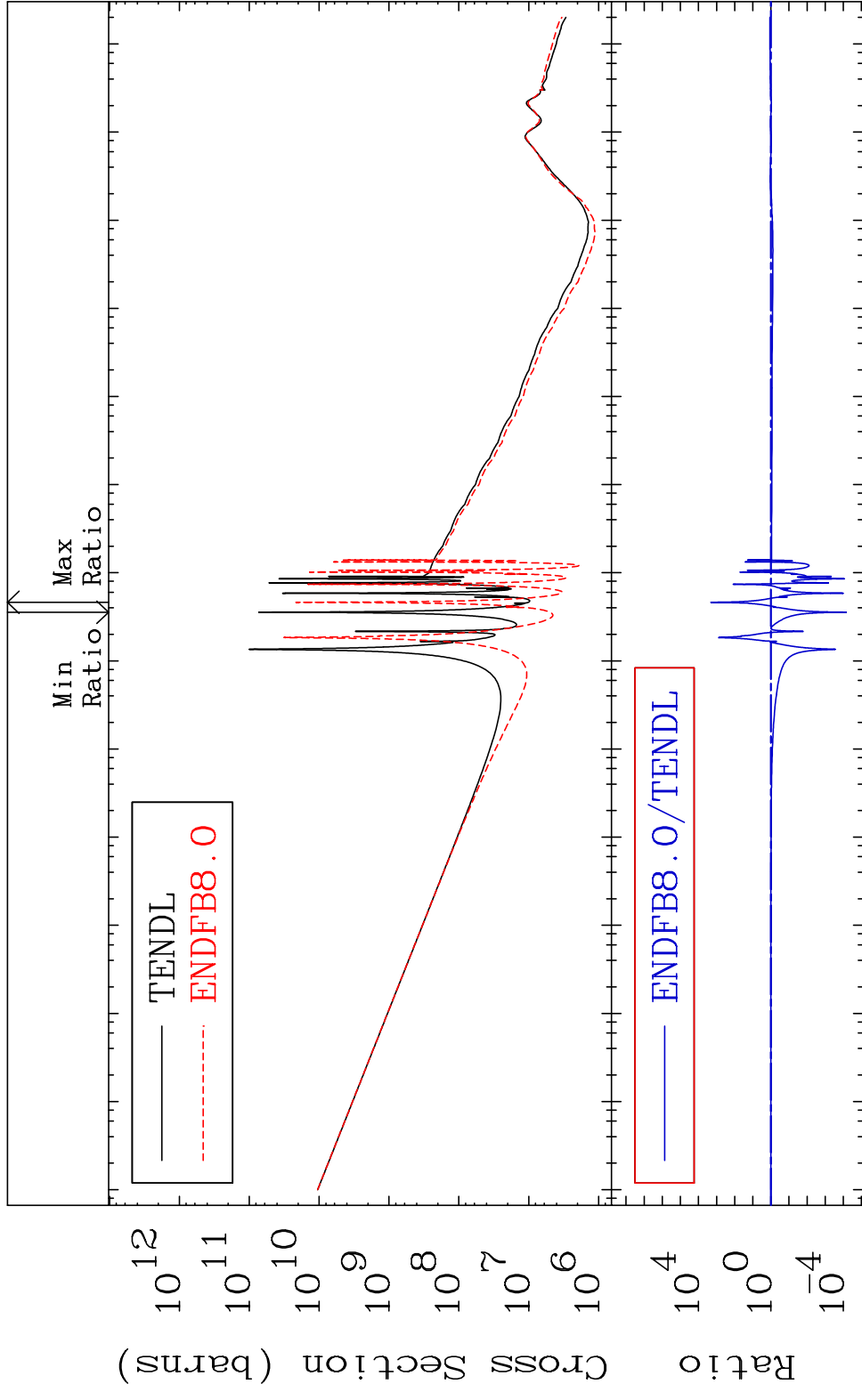
MAT 3634 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-81  
 Cross Section -35.92 To 121.2 %



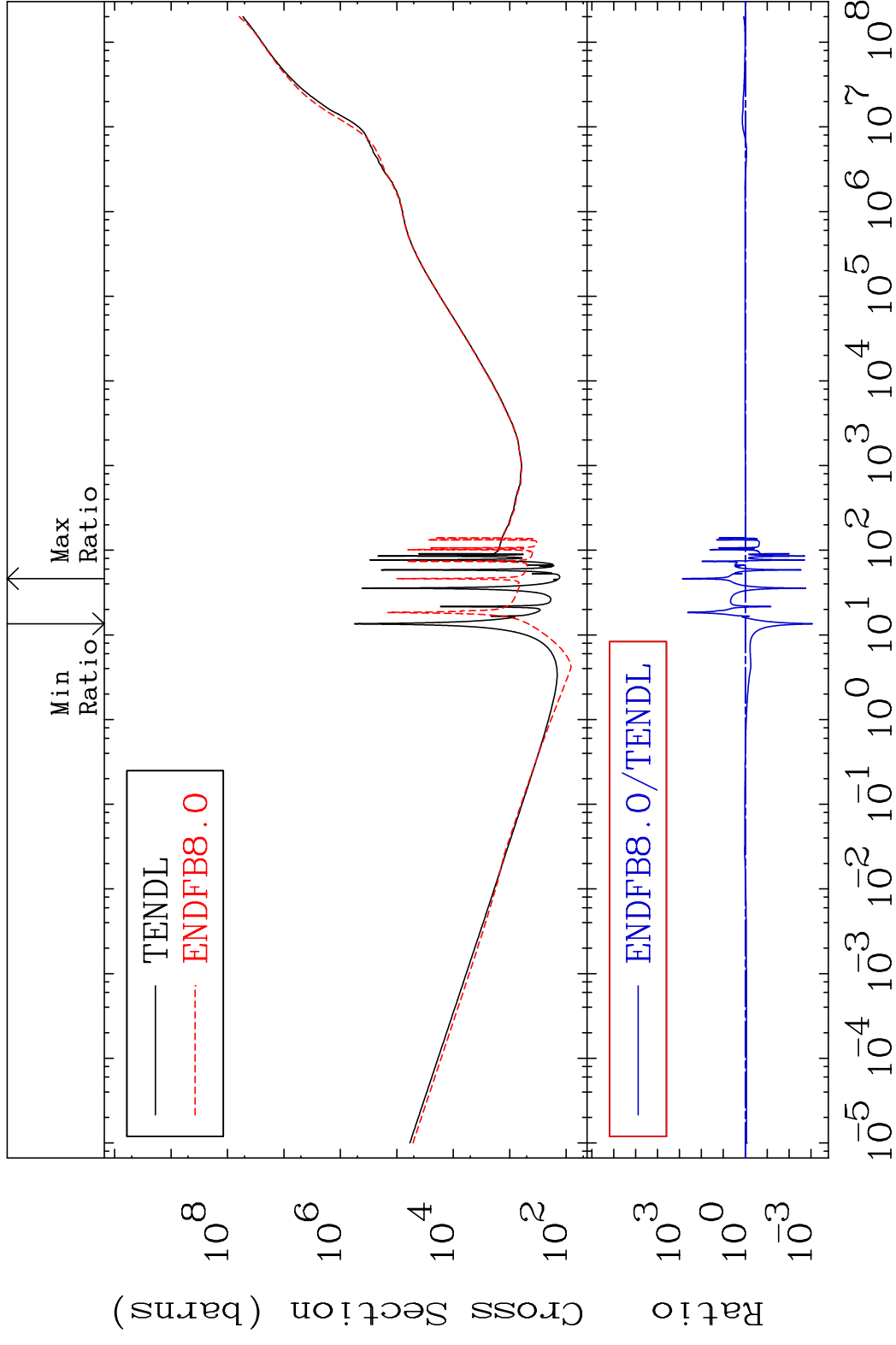
MAT 3634 Kerma capture (mt102) 36-Kr-81  
 Cross Section -99.99 To 9999. %



MAT 3634 Total photon (eV-barns) 36-Kr-81  
 Cross Section -99.99 To 9999. %

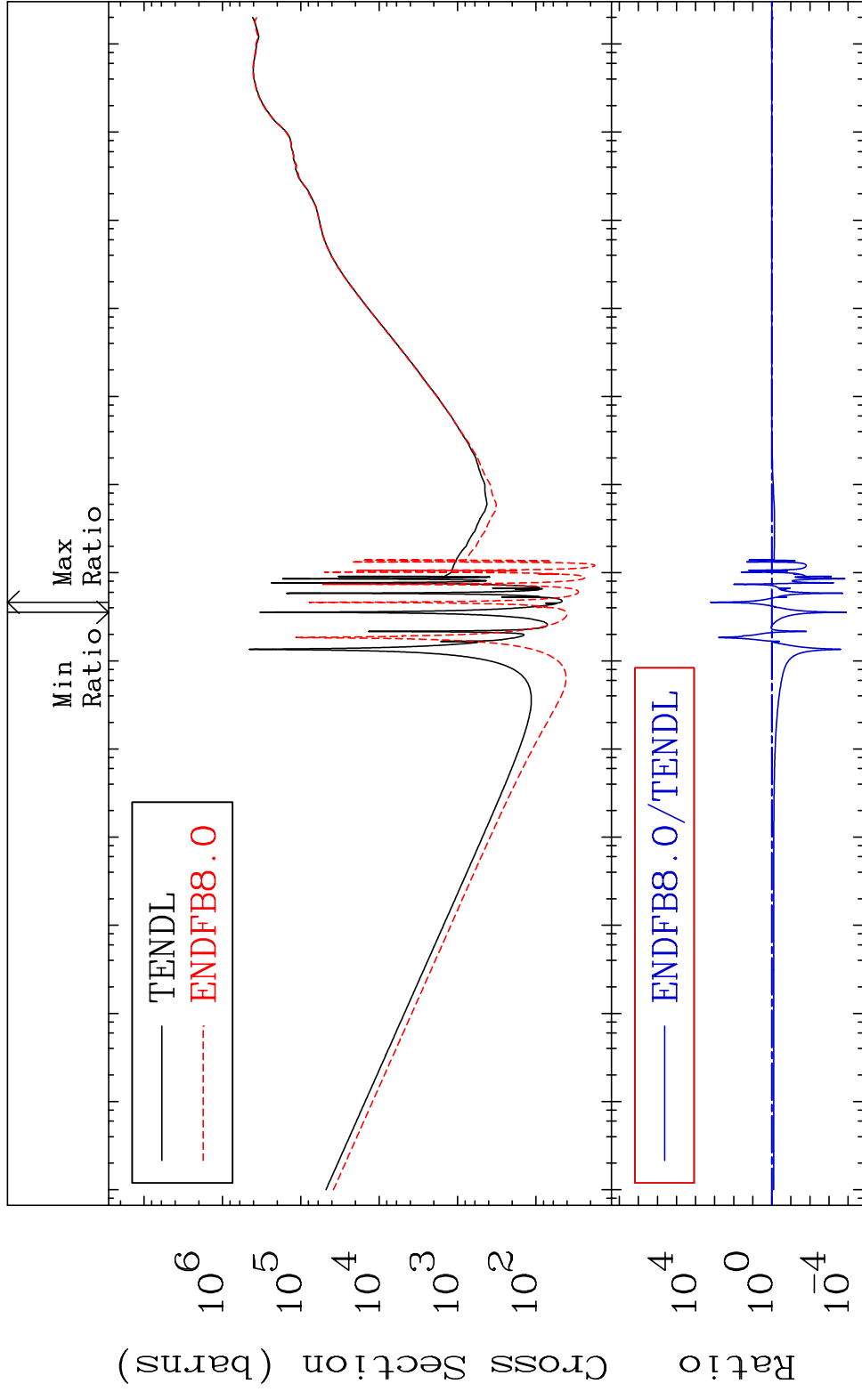


MAT 3634 Total kinematic kerma (high limit) 36-Kr-81  
 Cross Section -99.92 To 9999. %



59 Incident Energy (eV) 36-Kr-81

MAT 3634      Dpa total (eV-barns)      36-Kr-81  
 Cross Section      -99.99 To 9999.      %

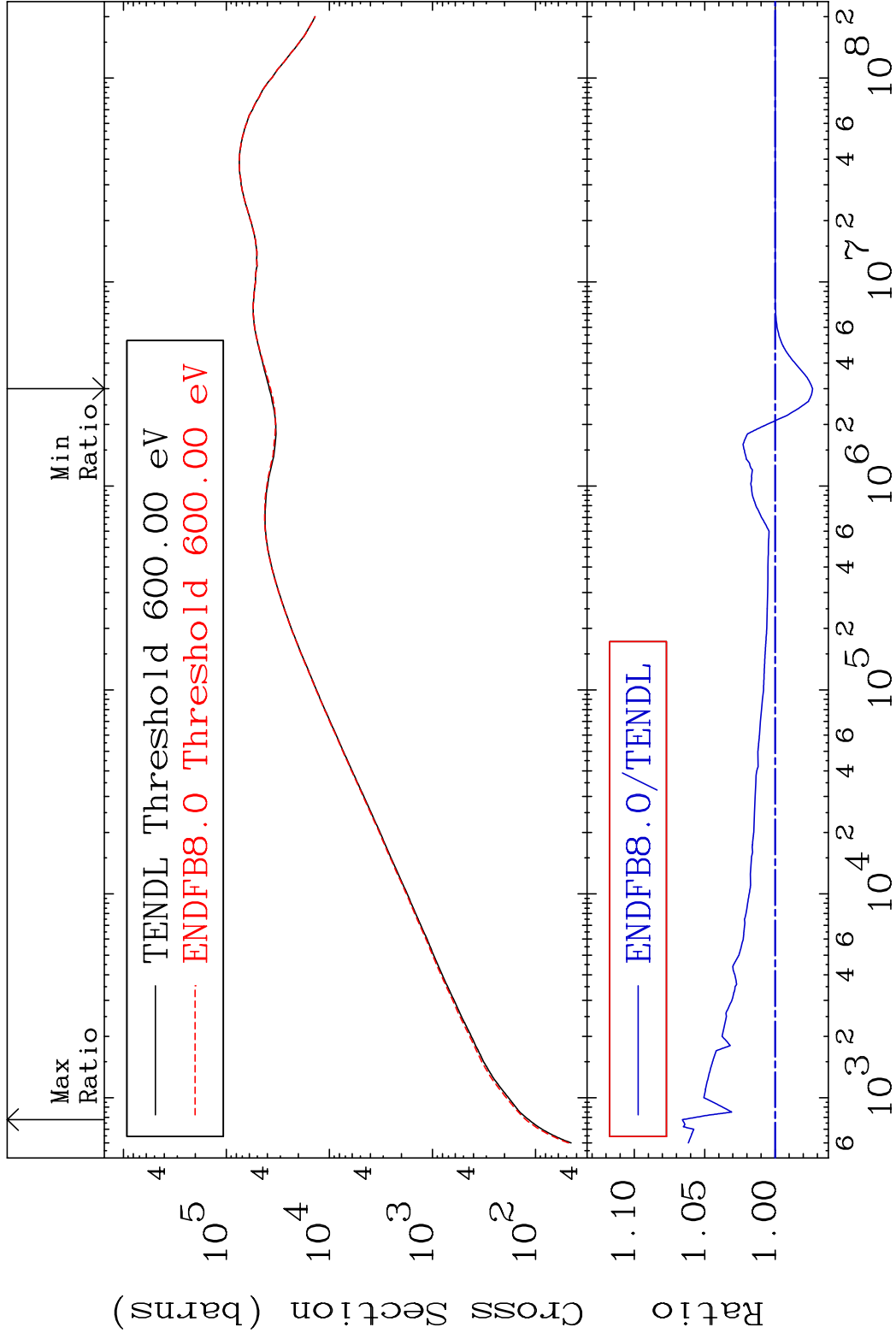


MAT 3634

Dpa elastic (mt2)

36-Kr-81

Cross Section -2.659 To 6.585 %

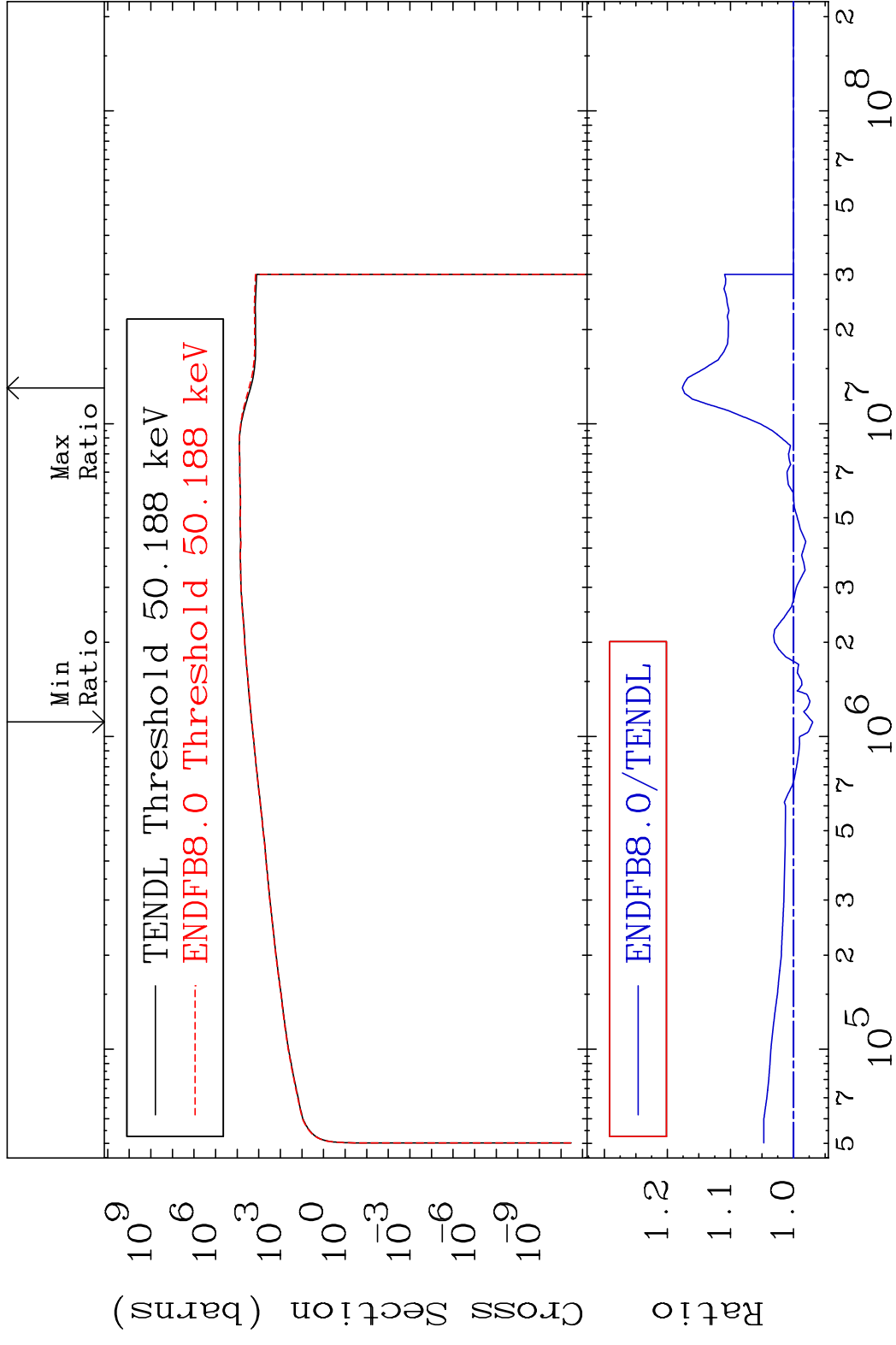


61

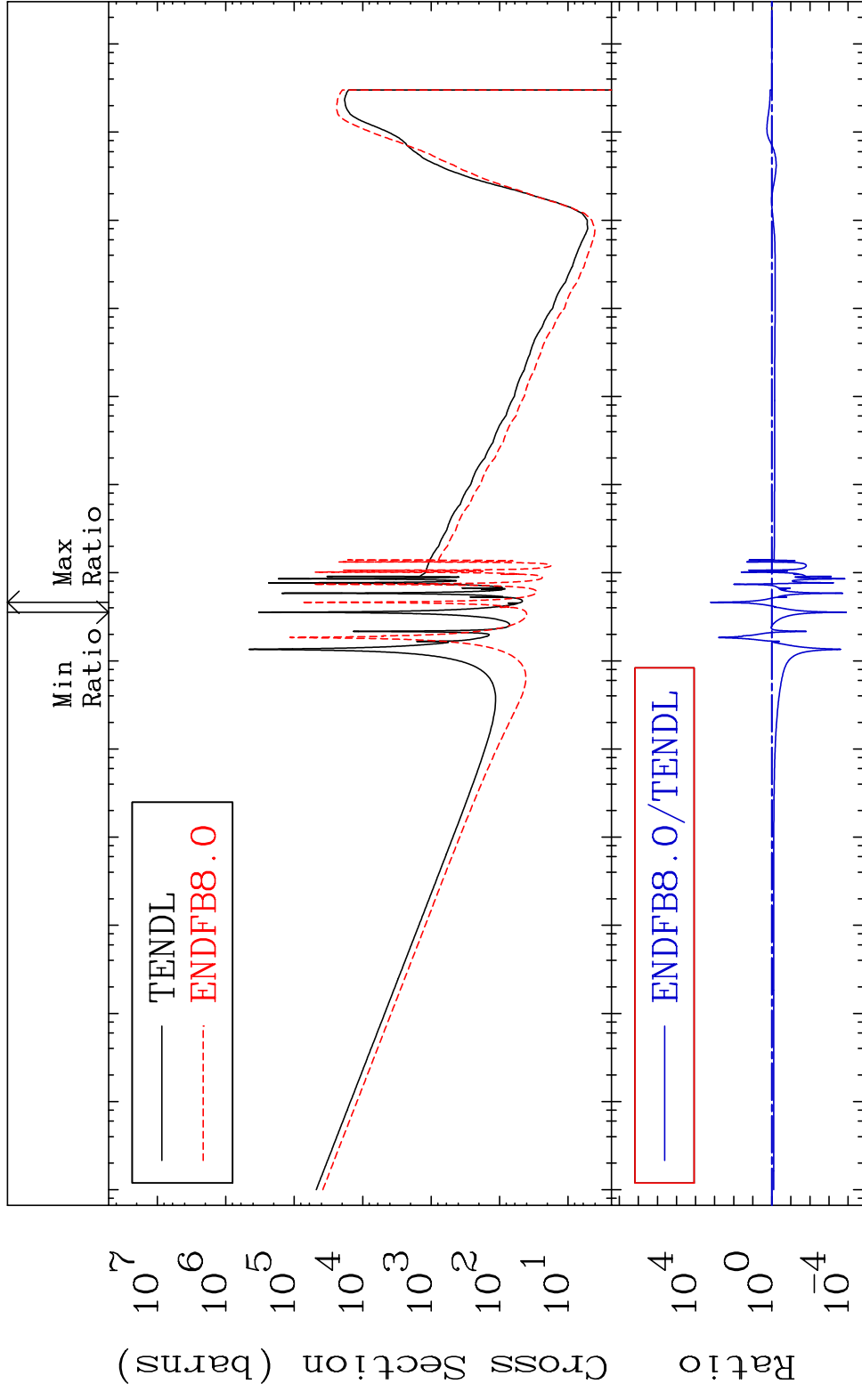
Incident Energy (eV)

36-Kr-81

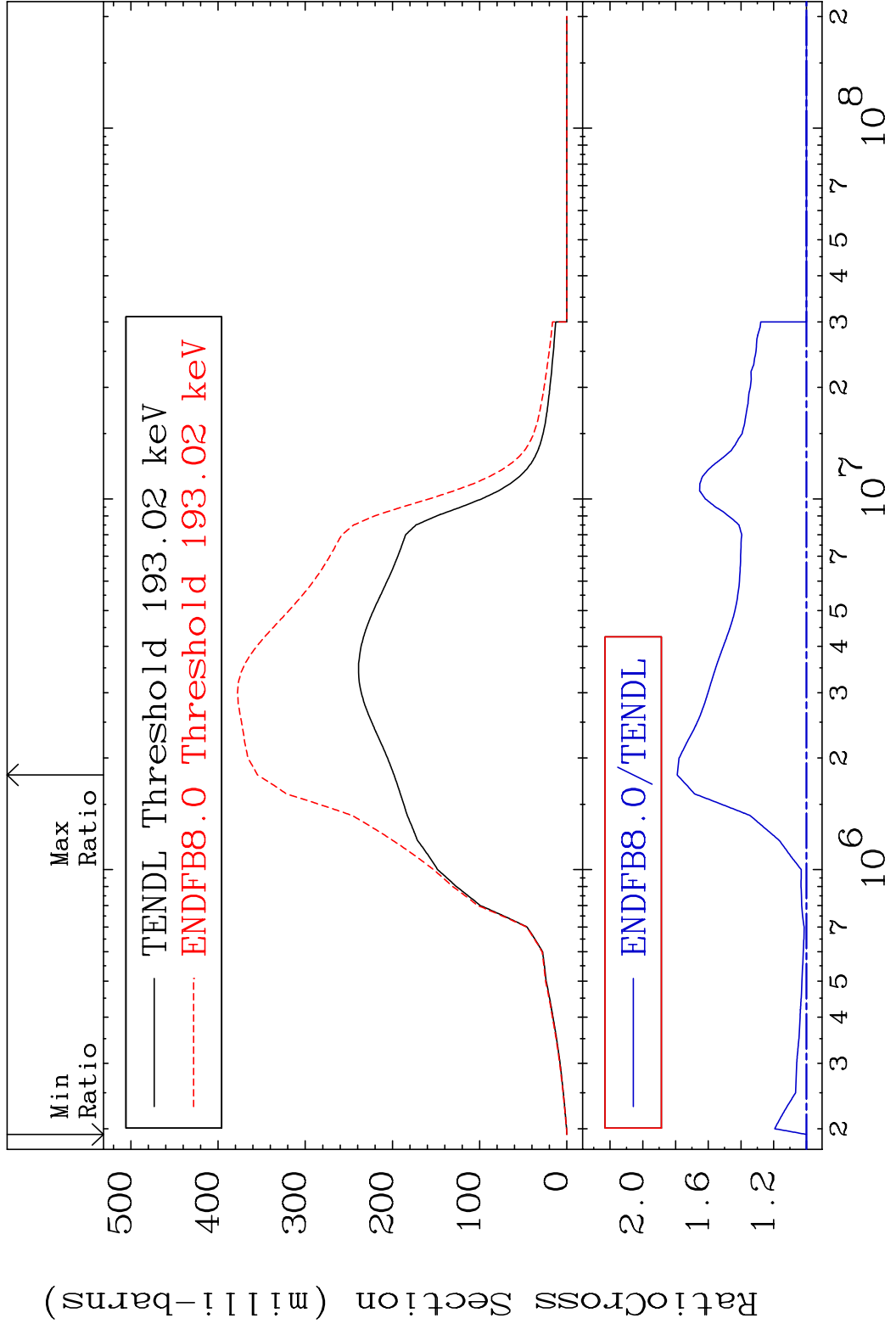
MAT 3634 Dpa inelastic (mt51-91) 36-Kr-81  
 Cross Section -3.019 To 17.62 %



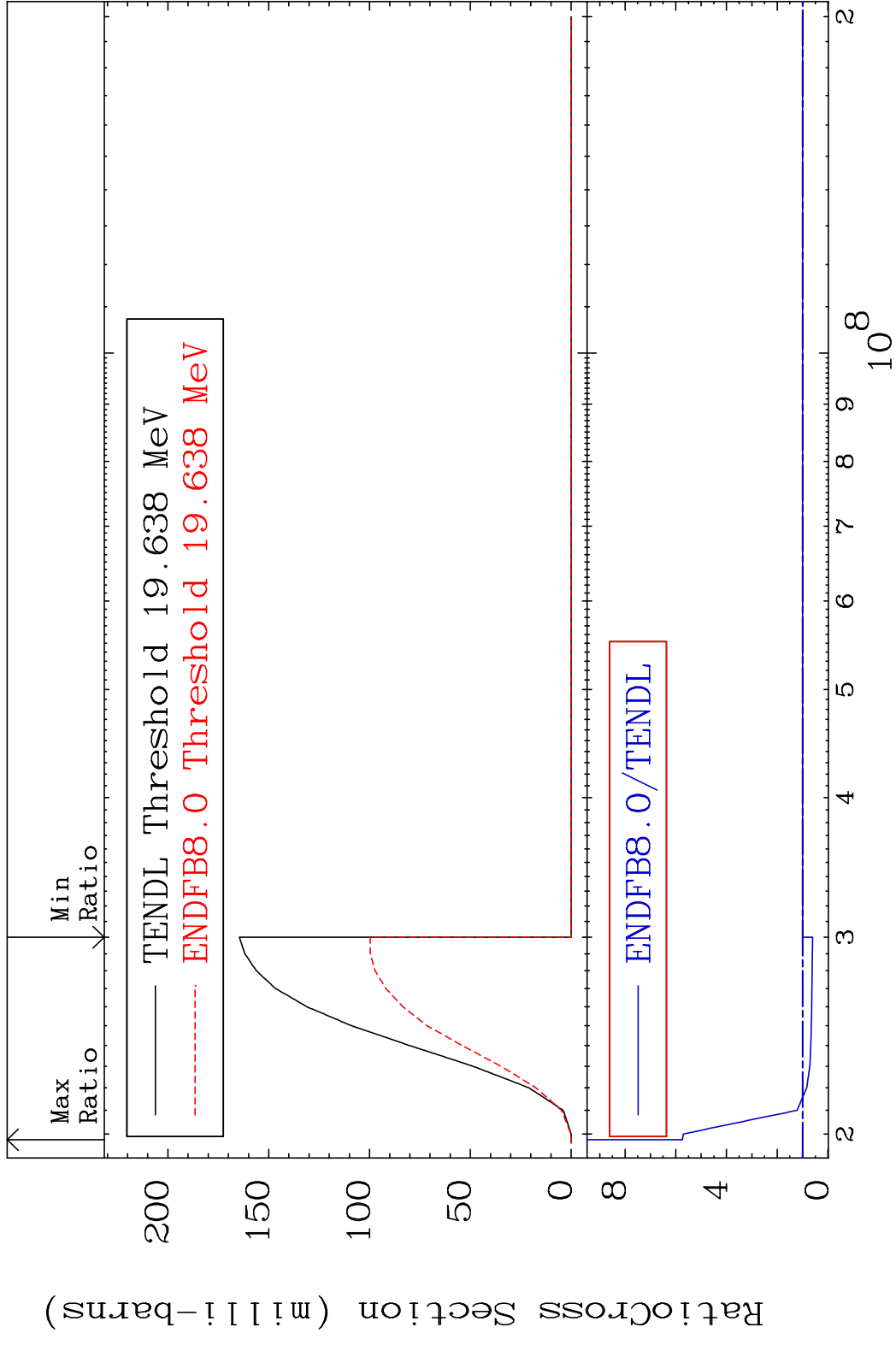
MAT 3634 Dpa disappearance (mt102 -120) 36-Kr-81  
 Cross Section -99.99 To 9999. %

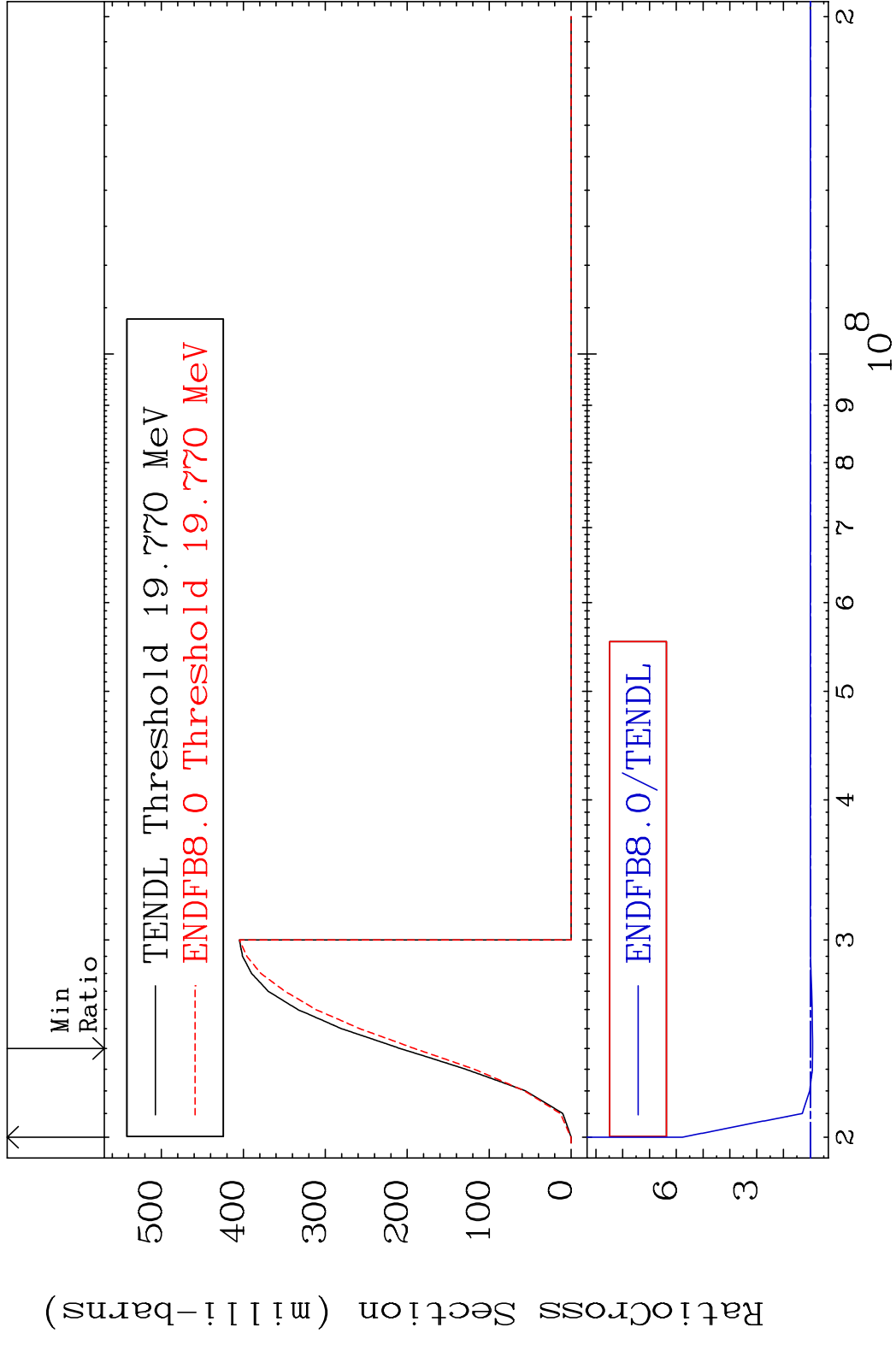


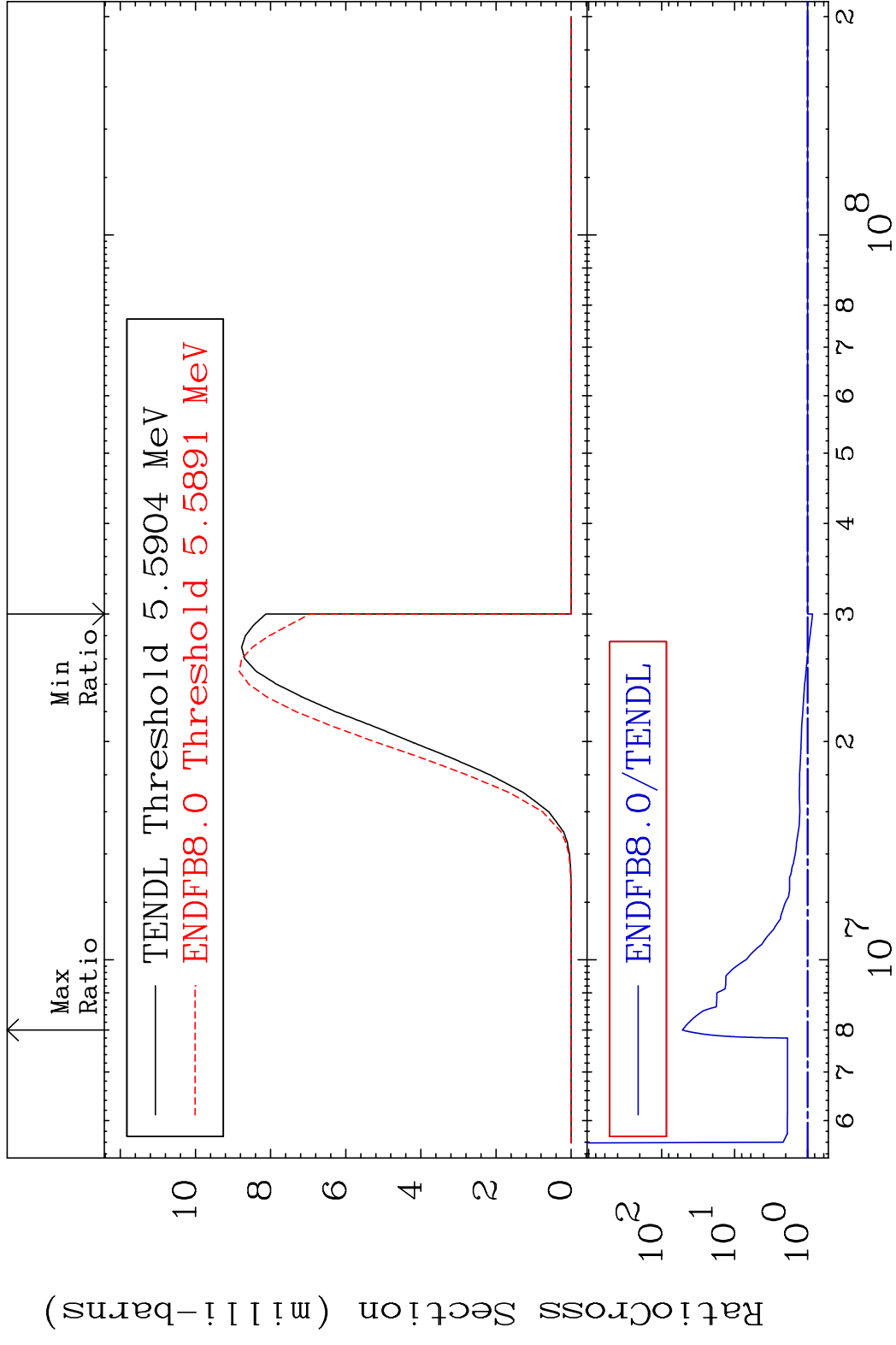


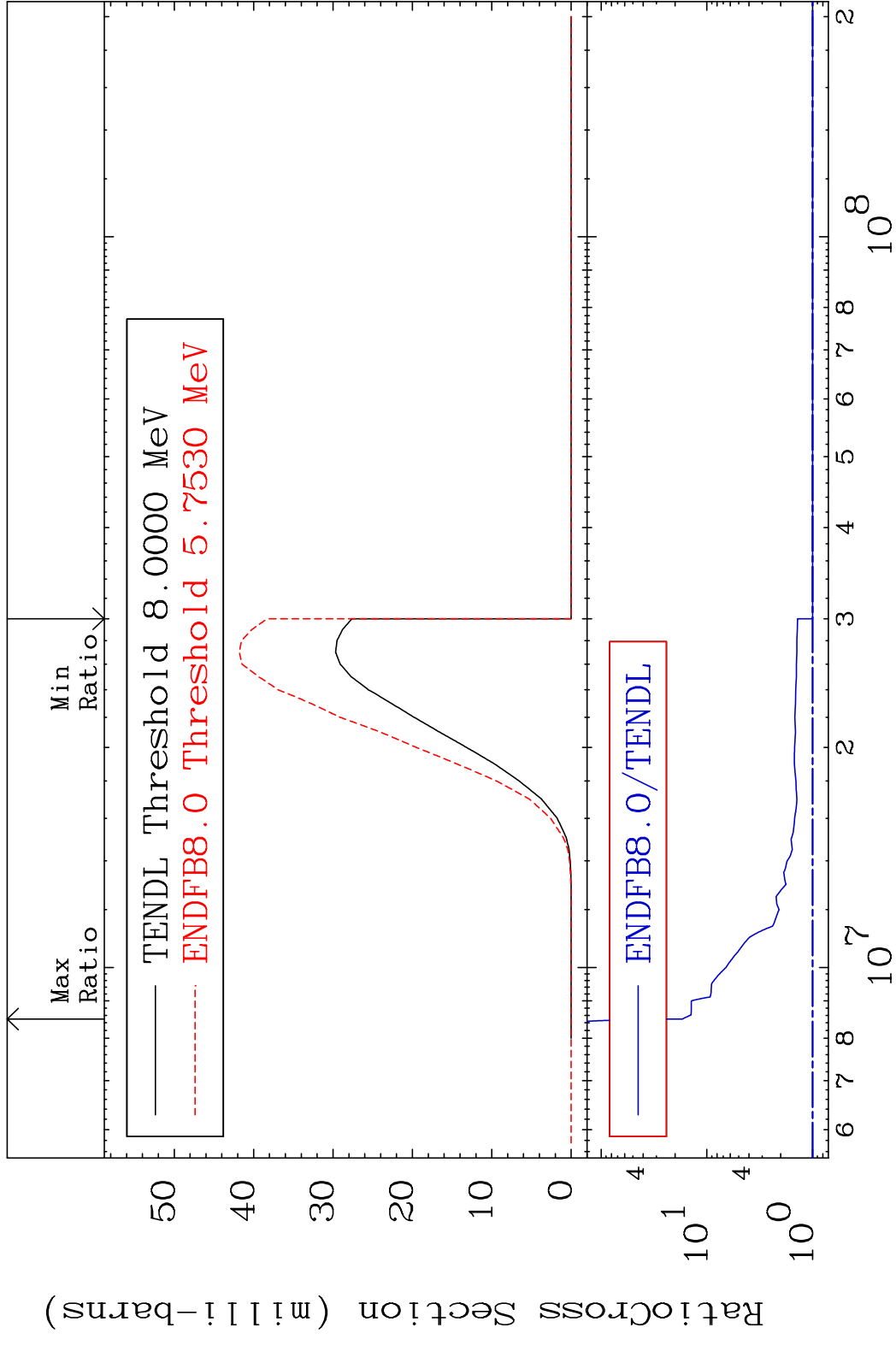


MAT 3634 (n,3n):36-Kr-79g 36-Kr-81  
 Radionuclide Production Cross Section 474.1 %

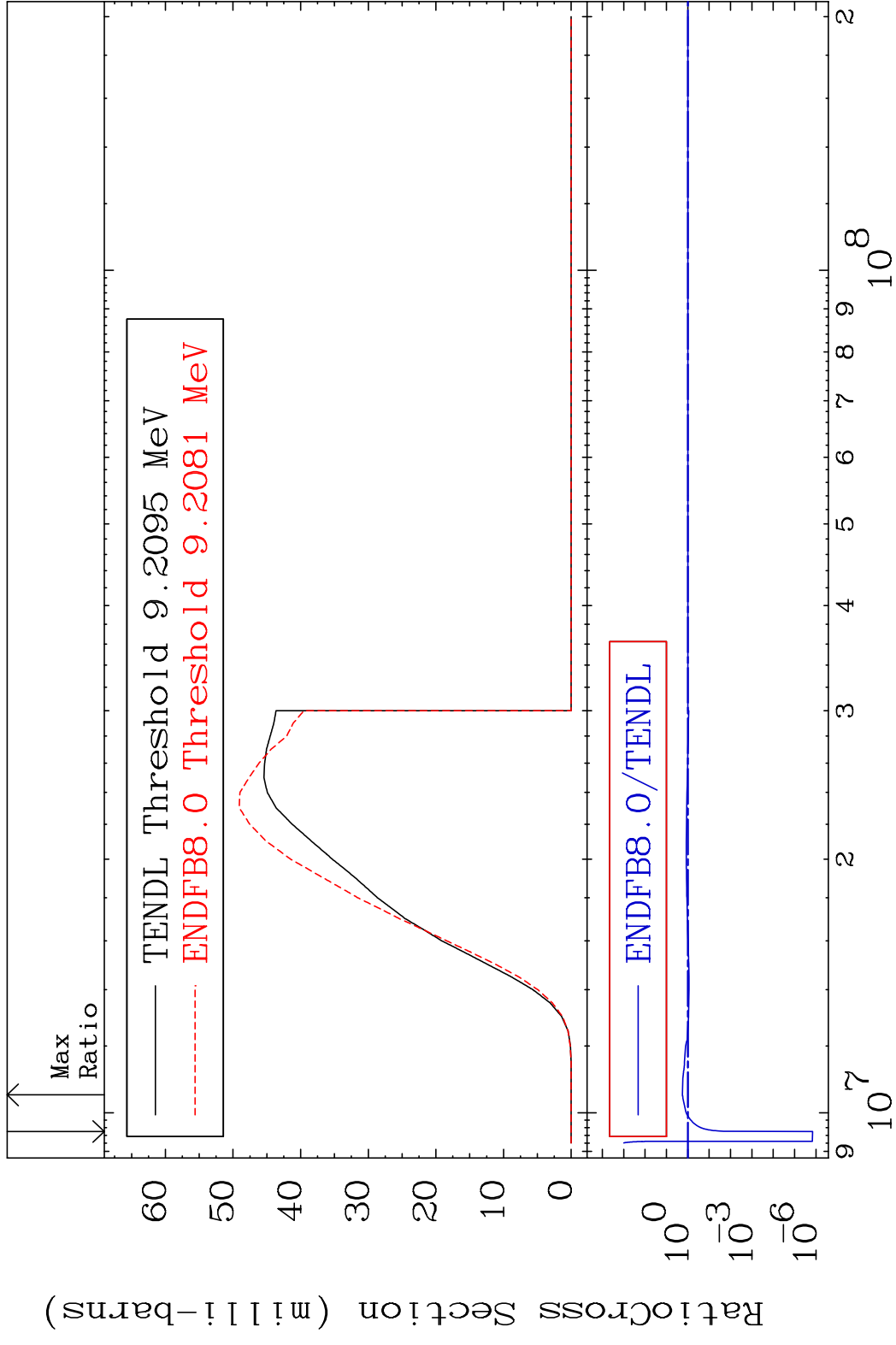




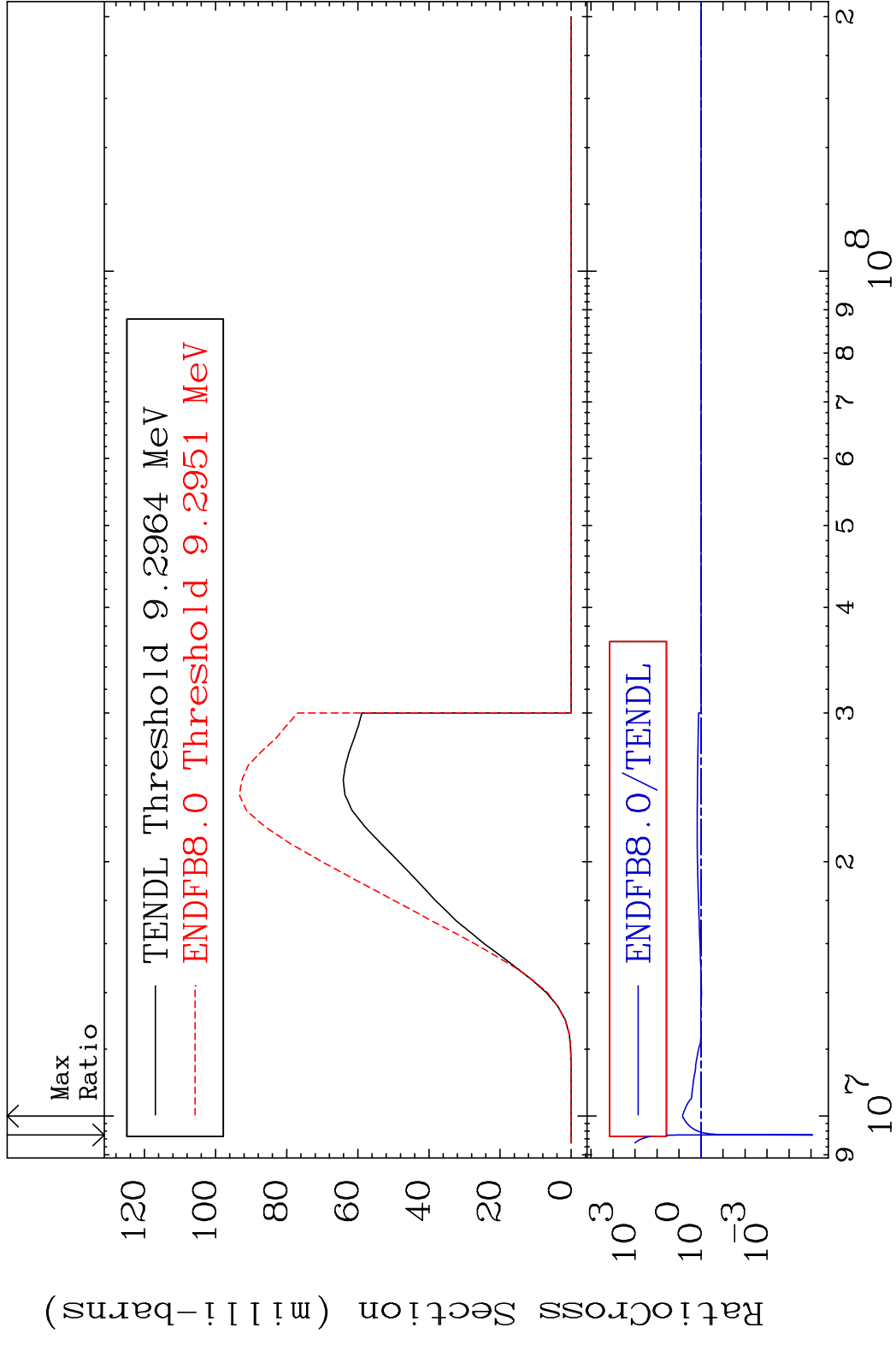




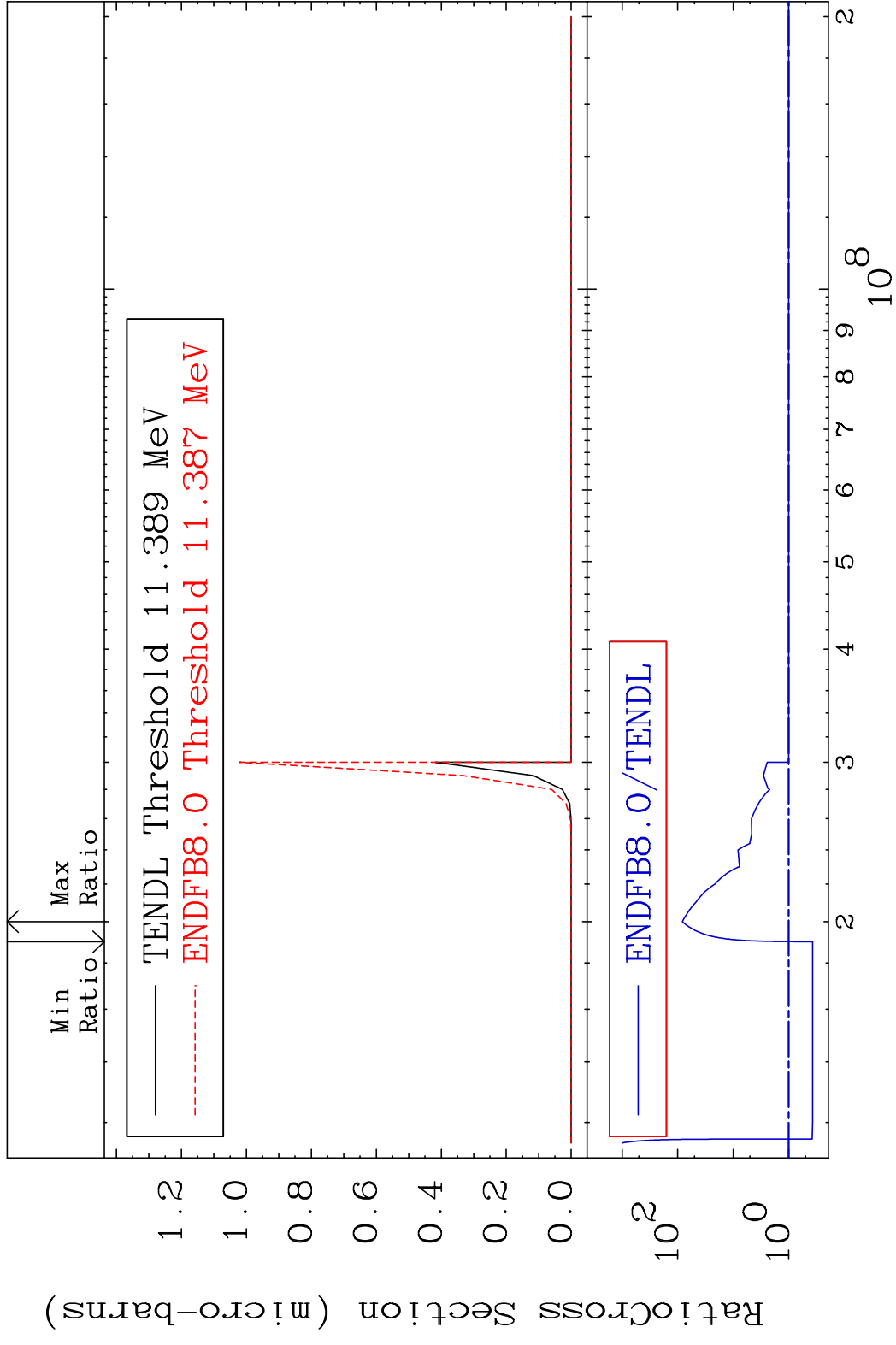
MAT 3634 (n, n') p:35-Br-80g 36-Kr-81  
 Radionuclide Production Cross Section 180.0 dth 79.15 %



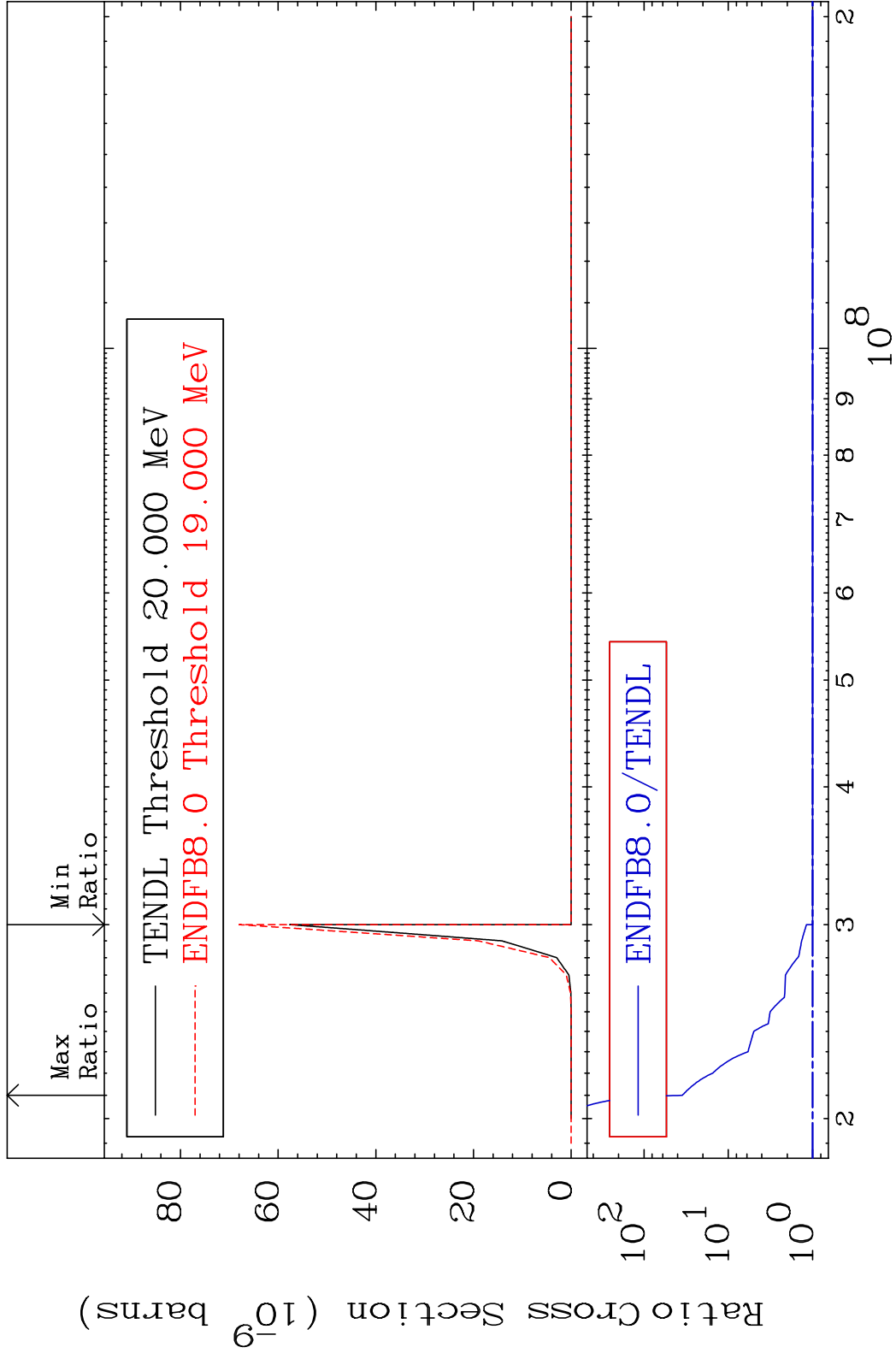
MAT 3634 (n, n') p:35-Br-80m2 36-Kr-81  
 Radionuclide Production Cross Section Ratio 604.9 %

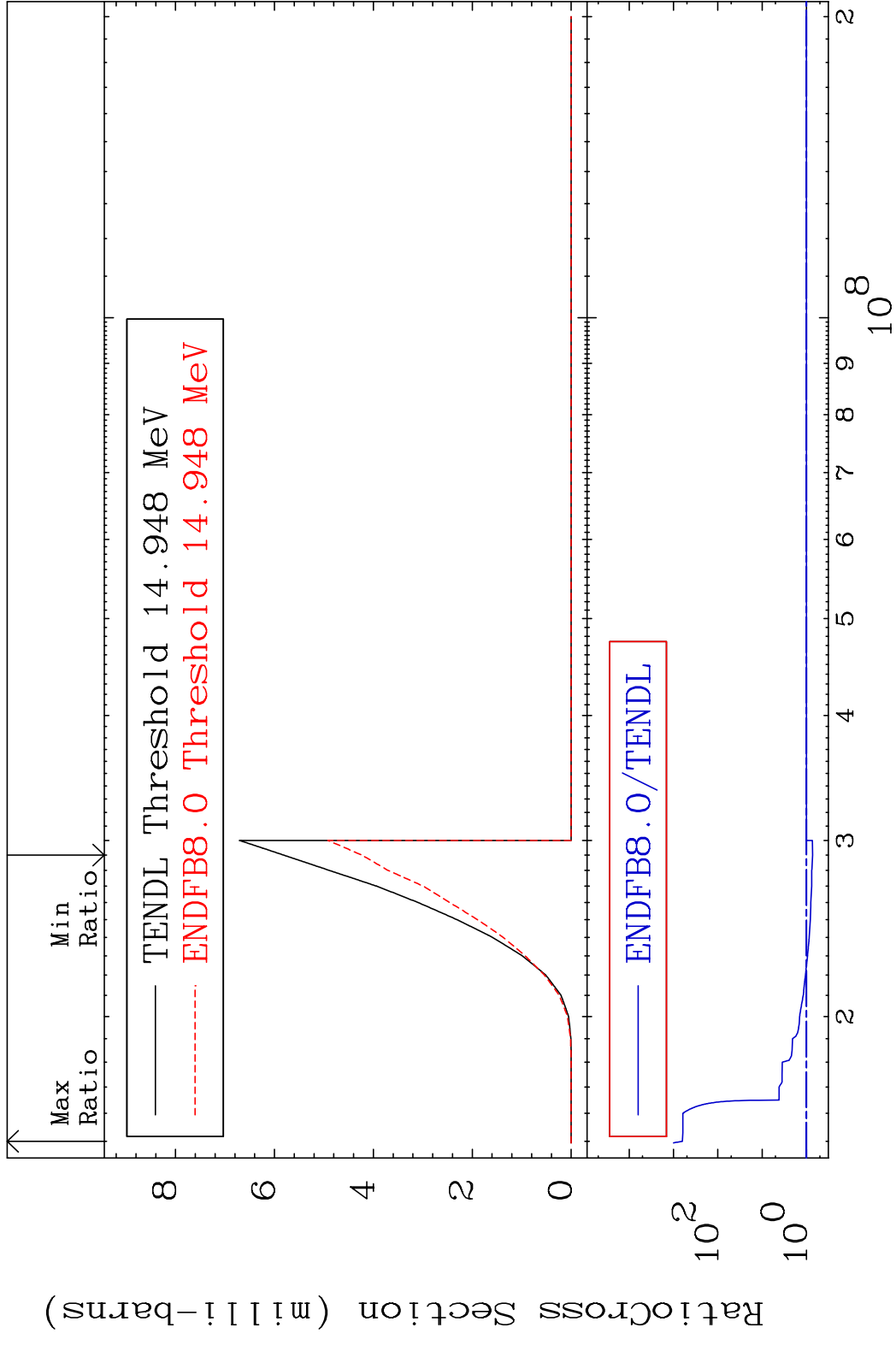


70 Incident Energy (eV) 36-Kr-81

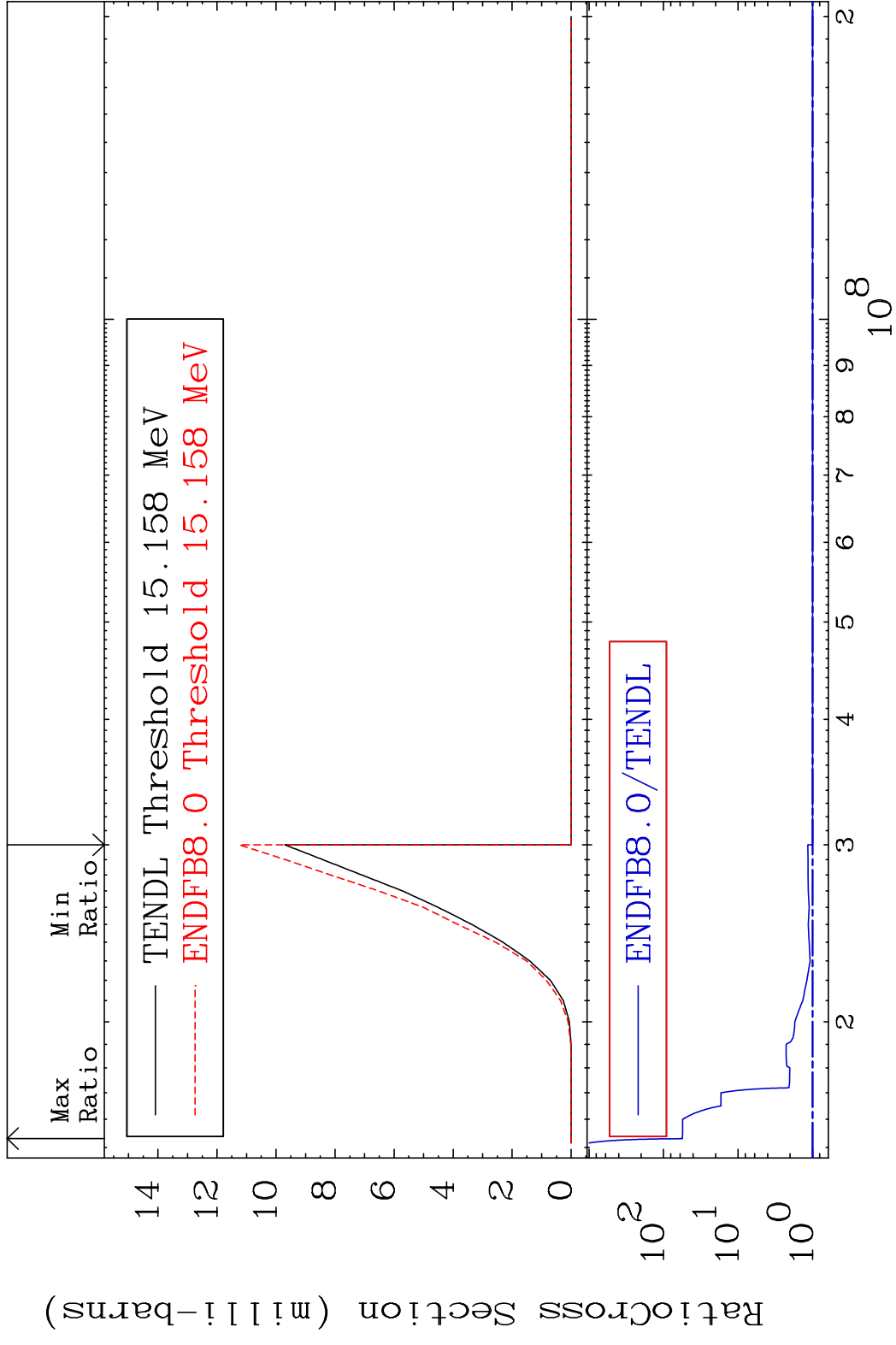


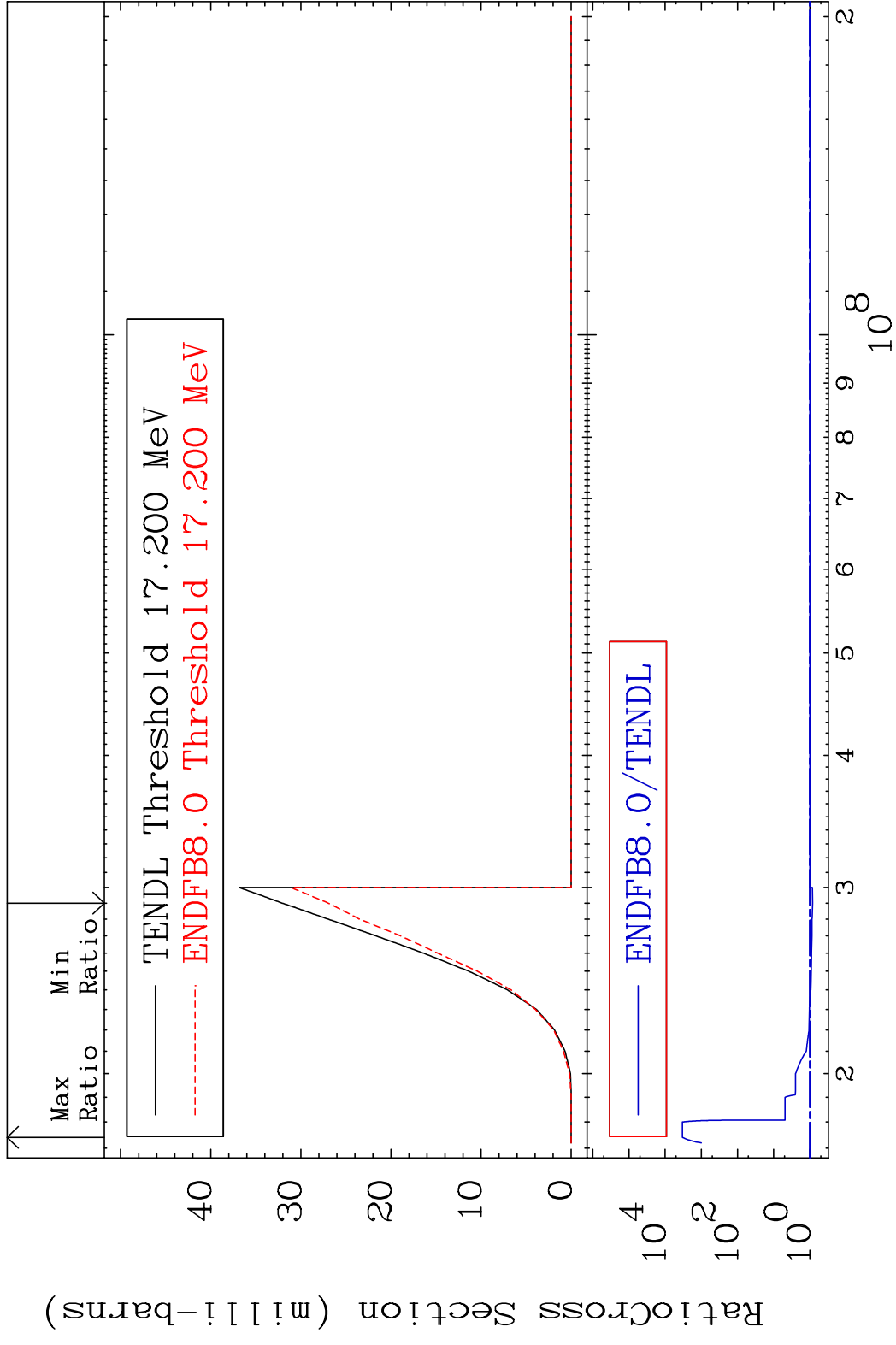


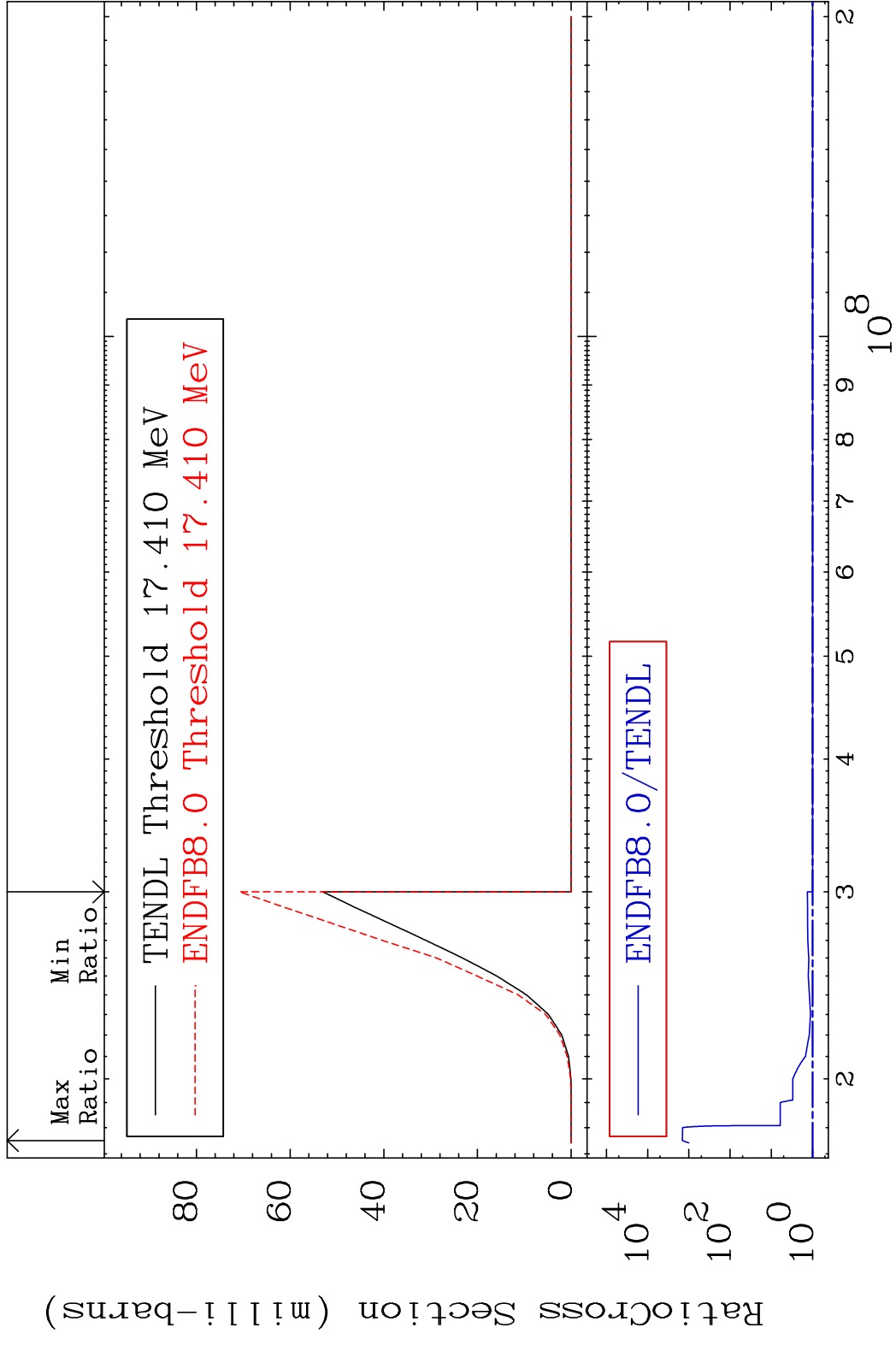


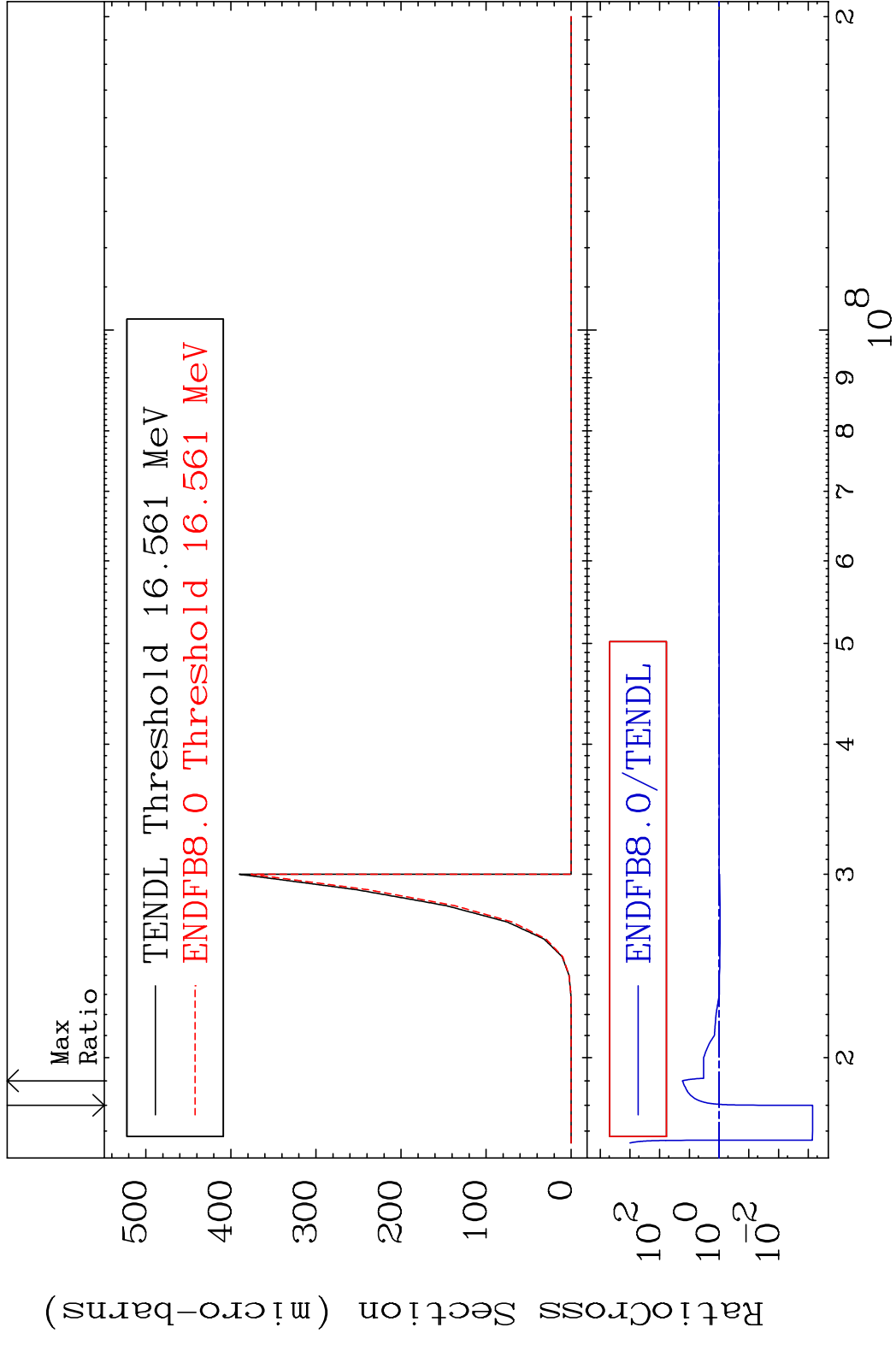


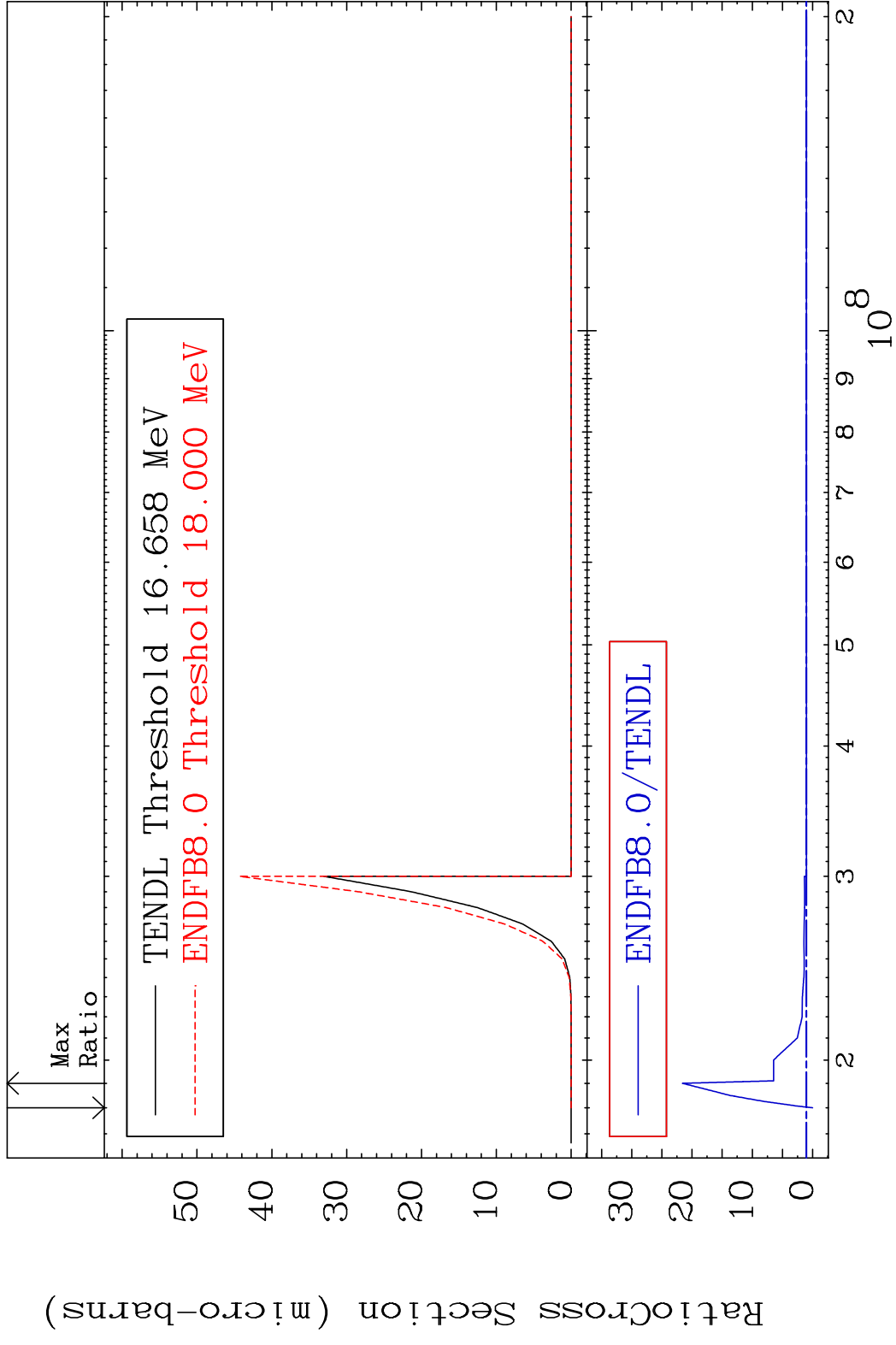
MAT 3634 (n, n') d:35-Br-79m1 36-Kr-81  
 Radionuclide Production Cross Section 5496. %



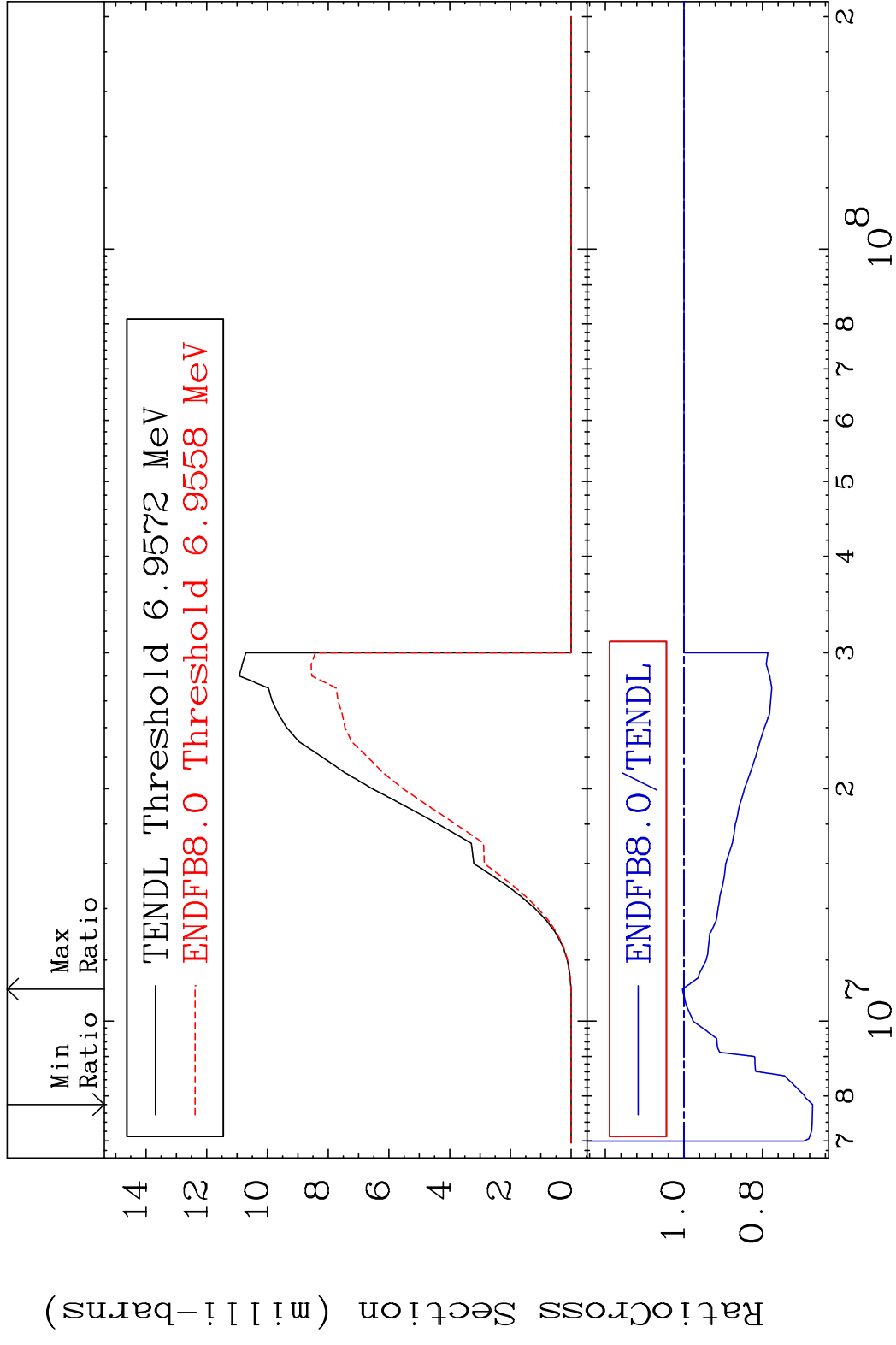








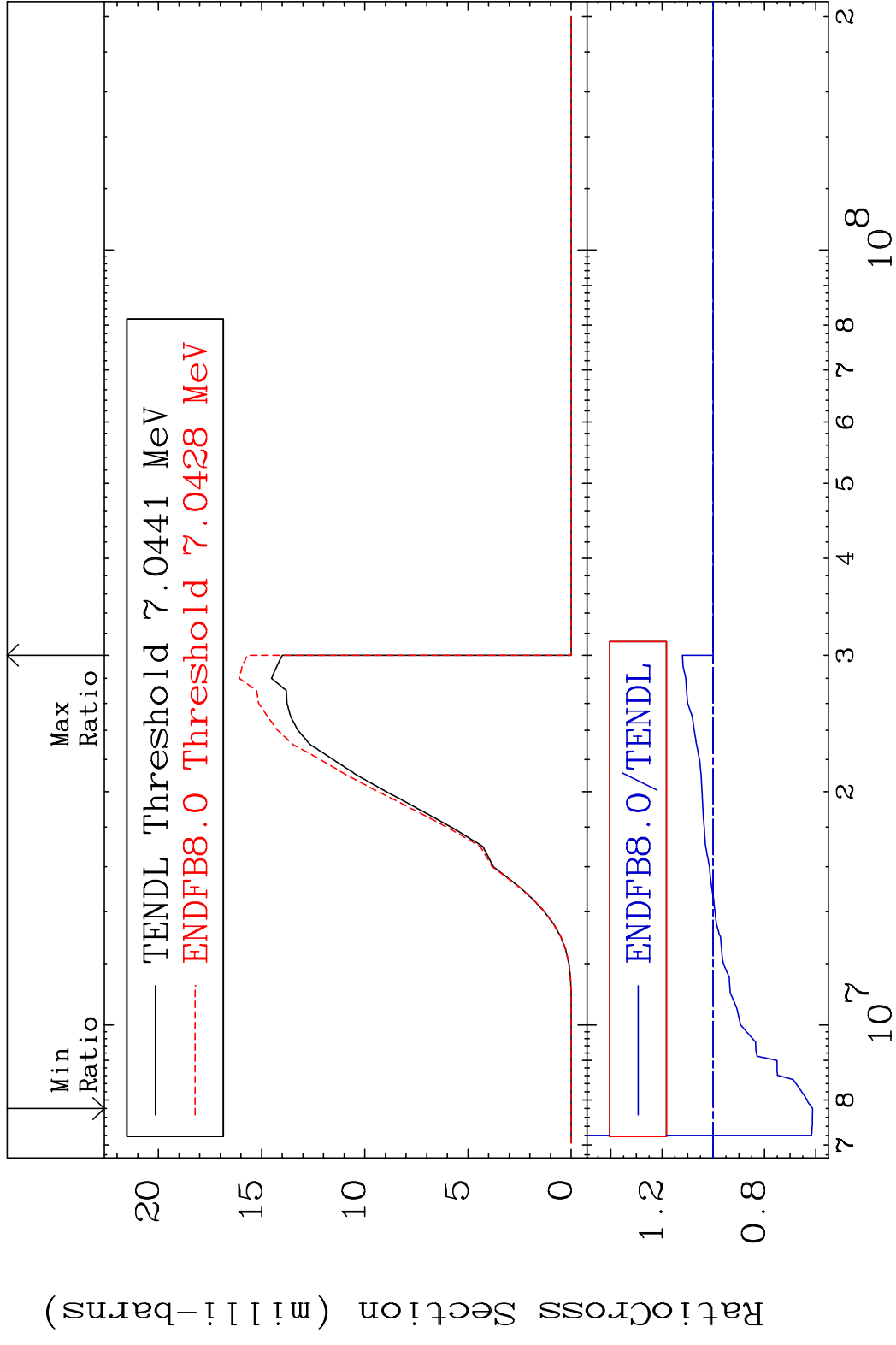
MAT 3634 (n, d) : 35-Br-80g 36-Kr-81  
 Radionuclide Production Cross Section 0.388 %



79 Incident Energy (eV) 36-Kr-81

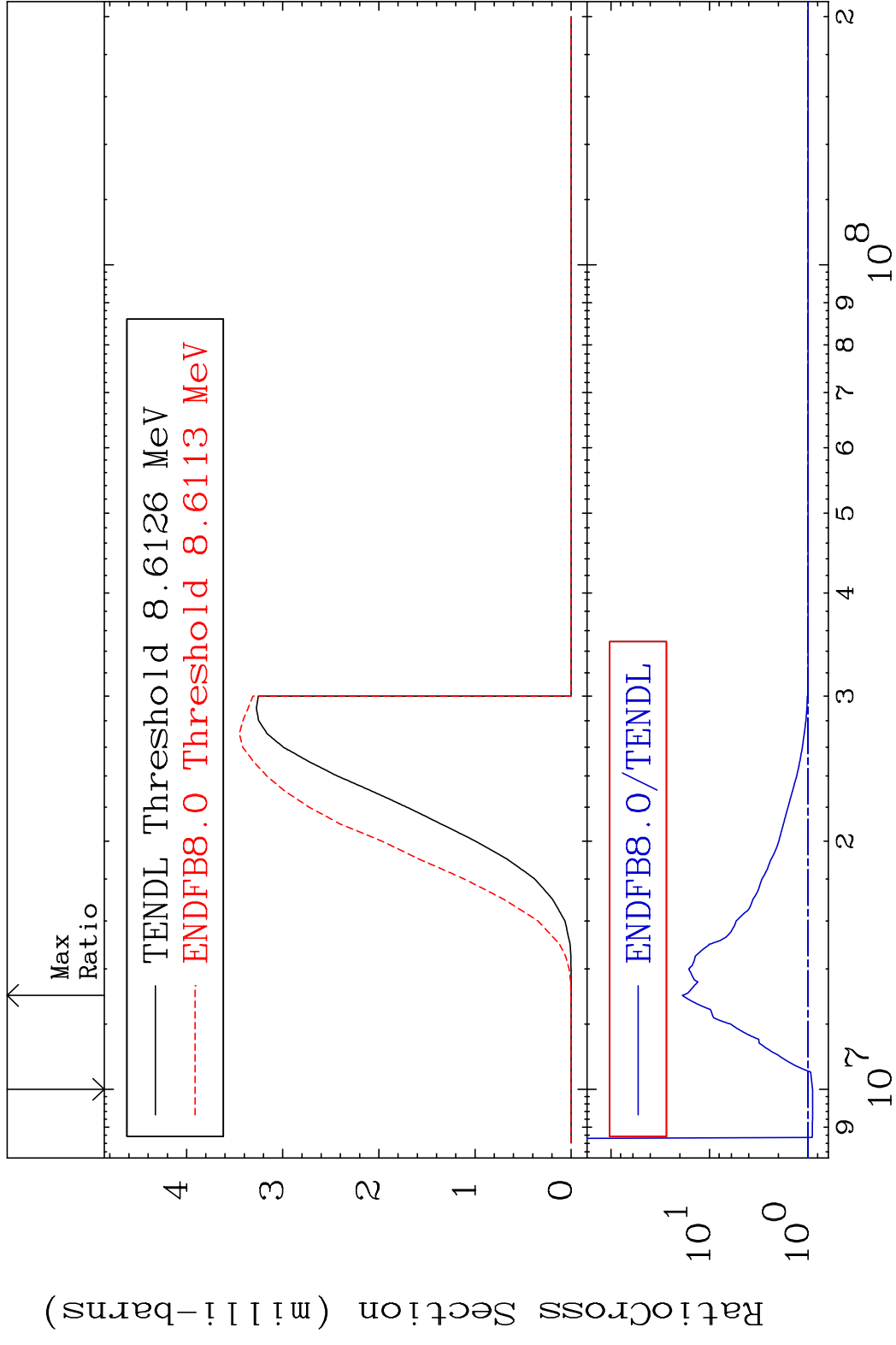


MAT 3634 (n, d):35-Br-80m2 36-Kr-81  
 Radionuclide Production Cross Section 12.06 %



80 36-Kr-81

MAT 3634 (n, t):35-Br-79g 36-Kr-81  
 Radionuclide Production Cross Section 18.0 dth 1787. %



81 Incident Energy (eV) 36-Kr-81

MAT 3634 (n, t):35-Br-79m1 36-Kr-81  
 Radionuclide Production Cross Section 1847. %

