

Program Complot
(Version 2021-1)

by

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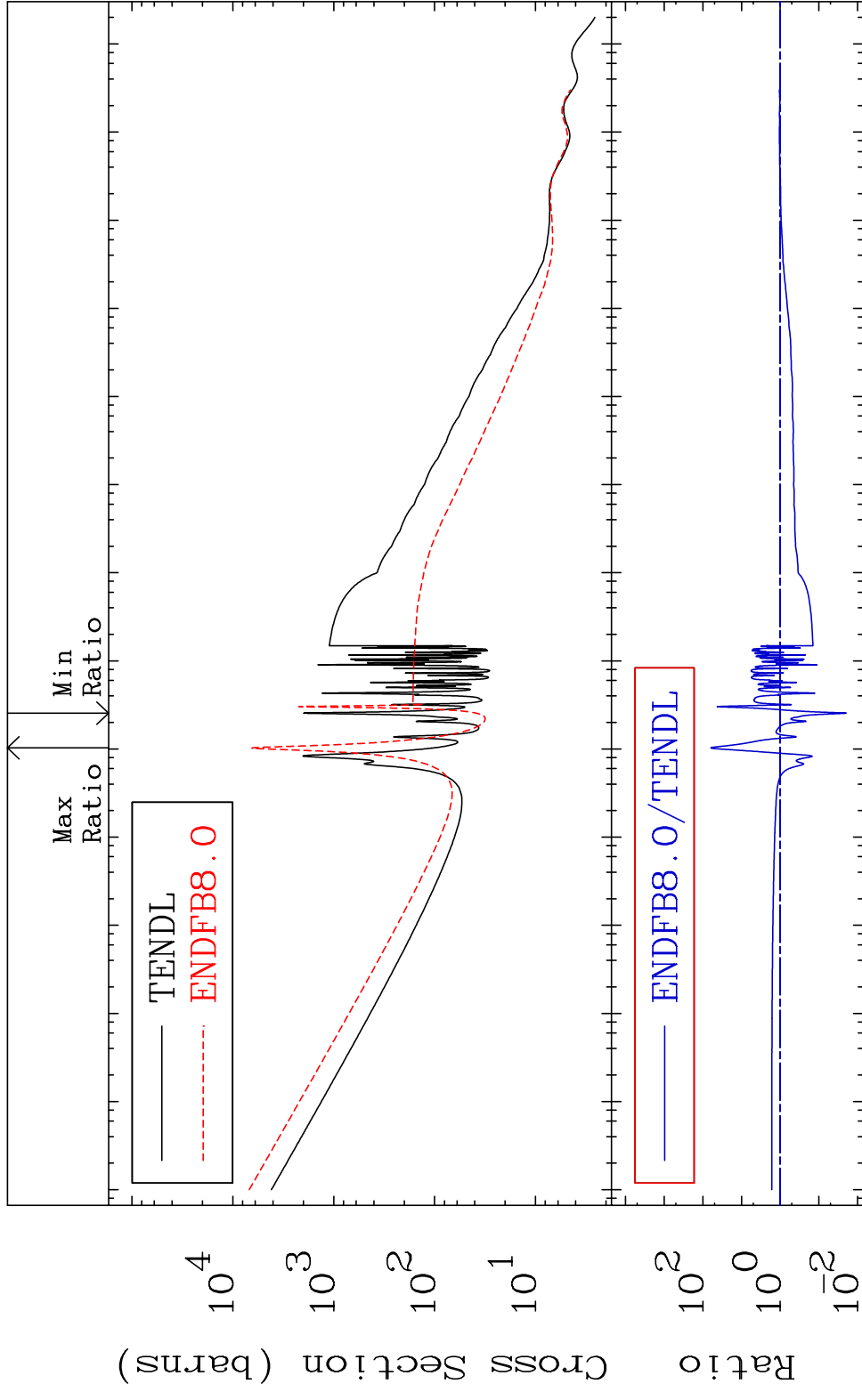
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6922

Total Cross Section -98.05 To 6165. %

69-Tm-168

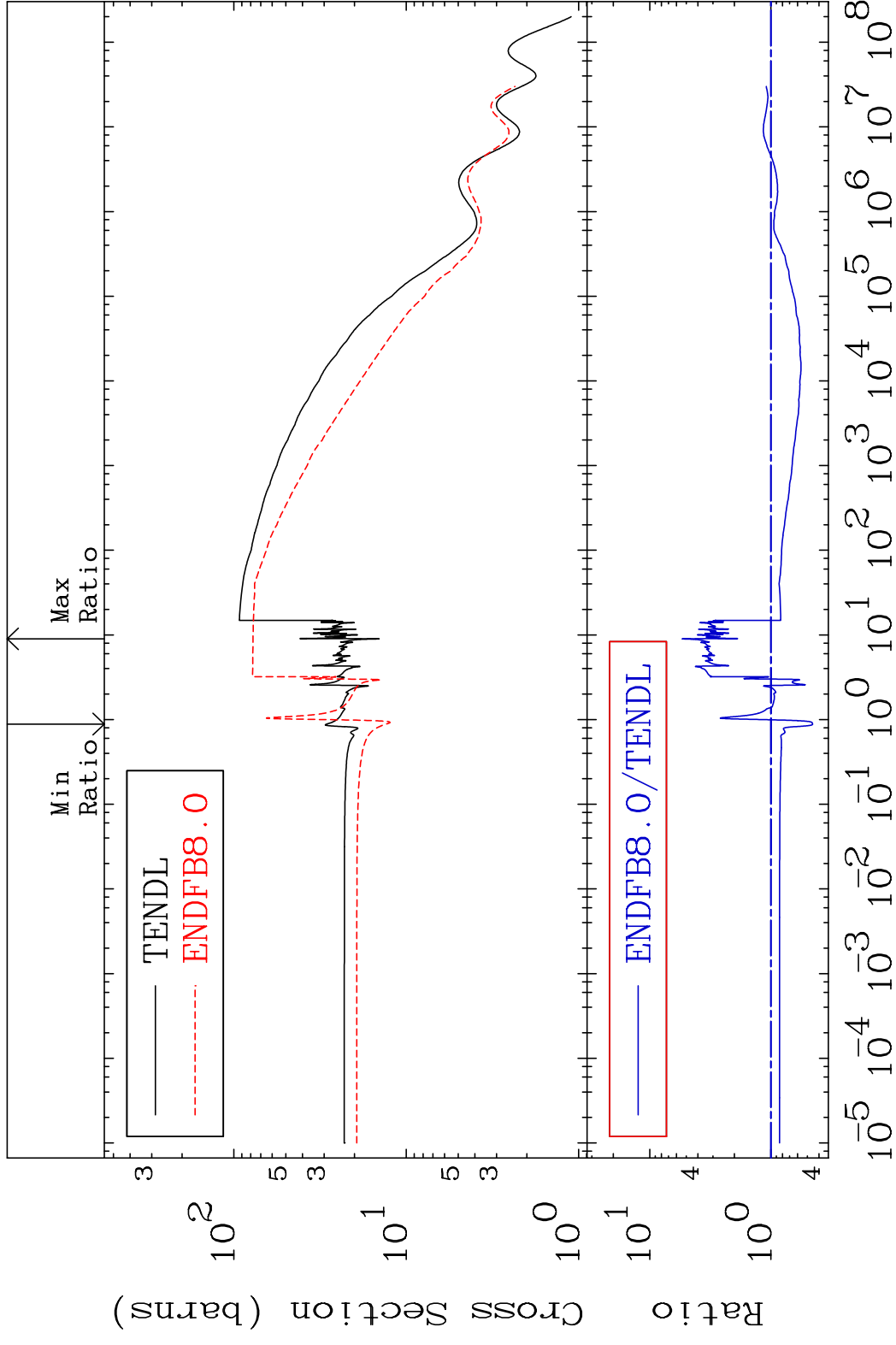


1 Incident Energy (eV) 69-Tm-168

MAT 6922

Elastic Cross Section -54.80 To 437.5 %

69-Tm-168



2

Incident Energy (eV)

69-Tm-168

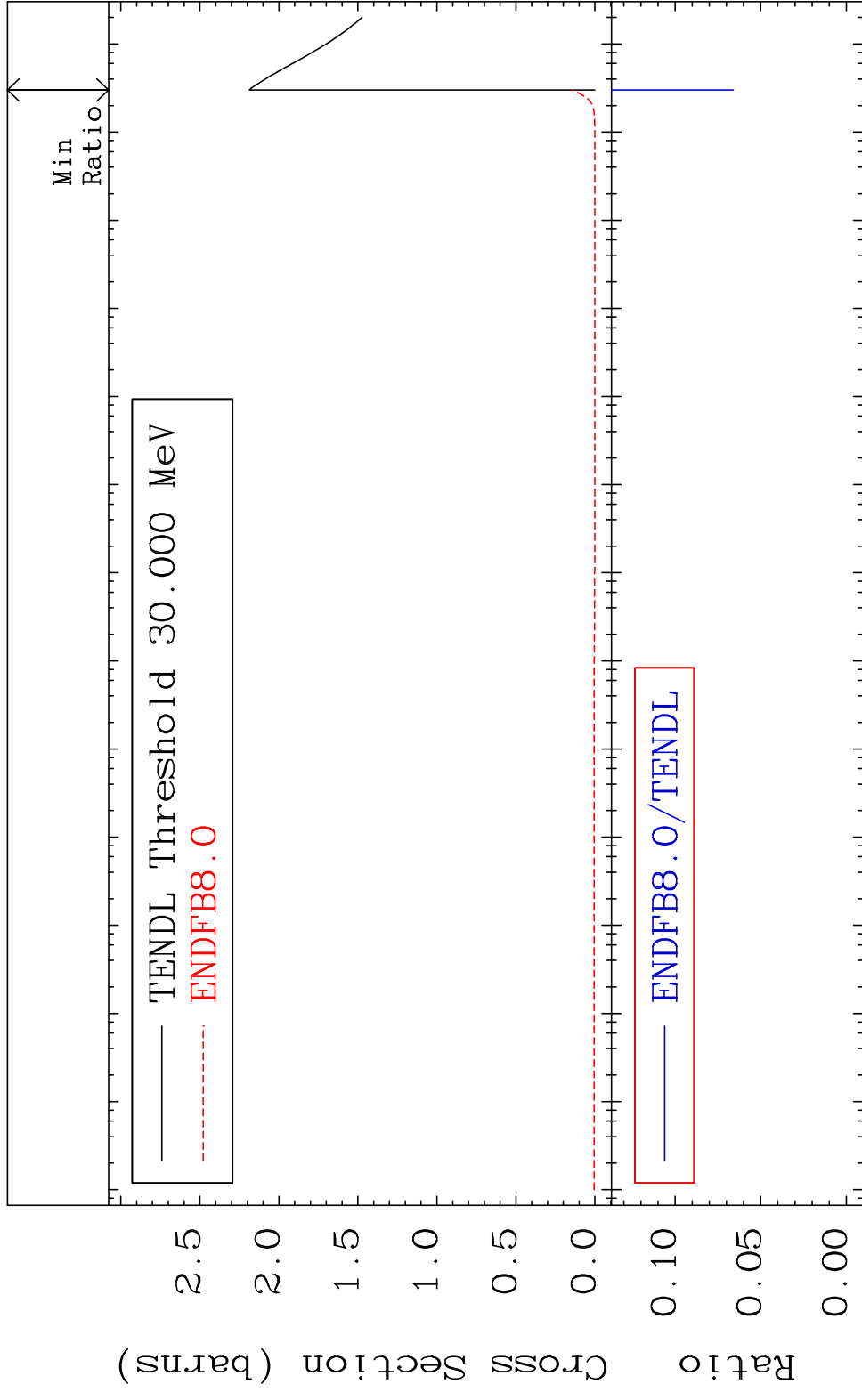
MAT 6922

(n, remainder)

69-Tm-168

Cross Section

-93.40 To -93.40%



4

Incident Energy (eV)

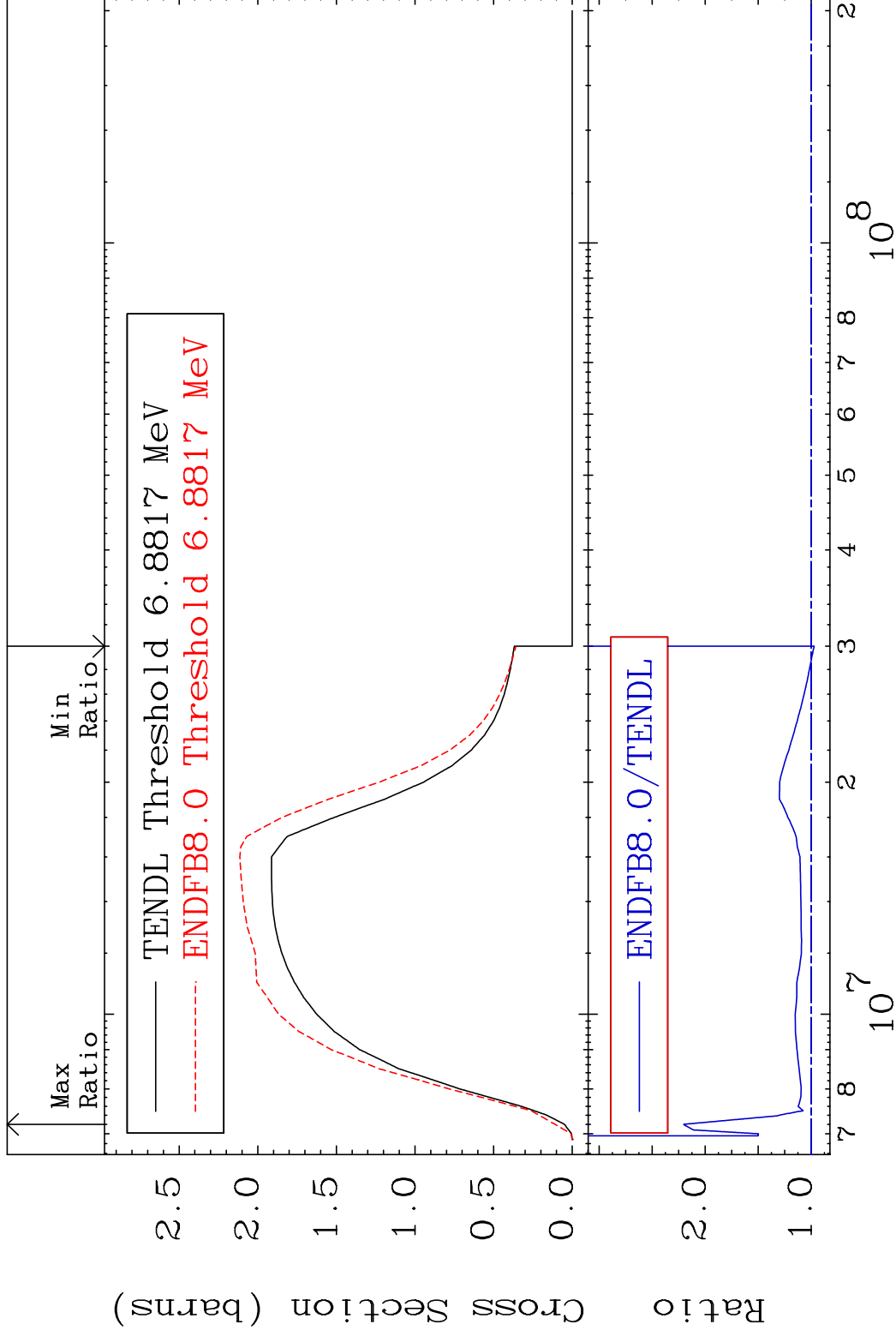
69-Tm-168

MAT 6922

(n,2n)

69-Tm-168

Cross Section -2.793 To 120.3 %

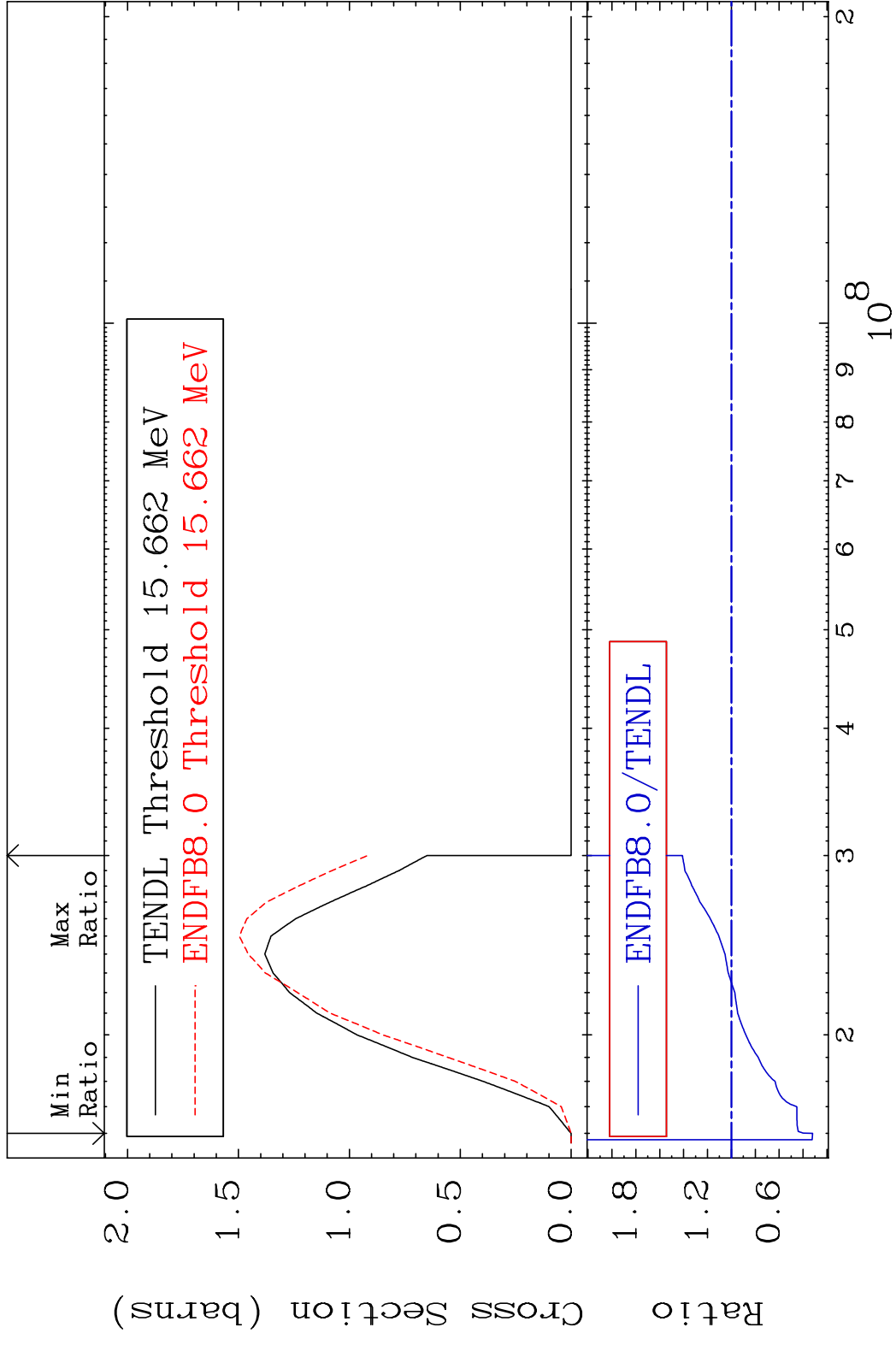


5

Incident Energy (eV)

69-Tm-168

MAT 6922 (n,3n) 69-Tm-168
 Cross Section -67.96 To 41.06 %

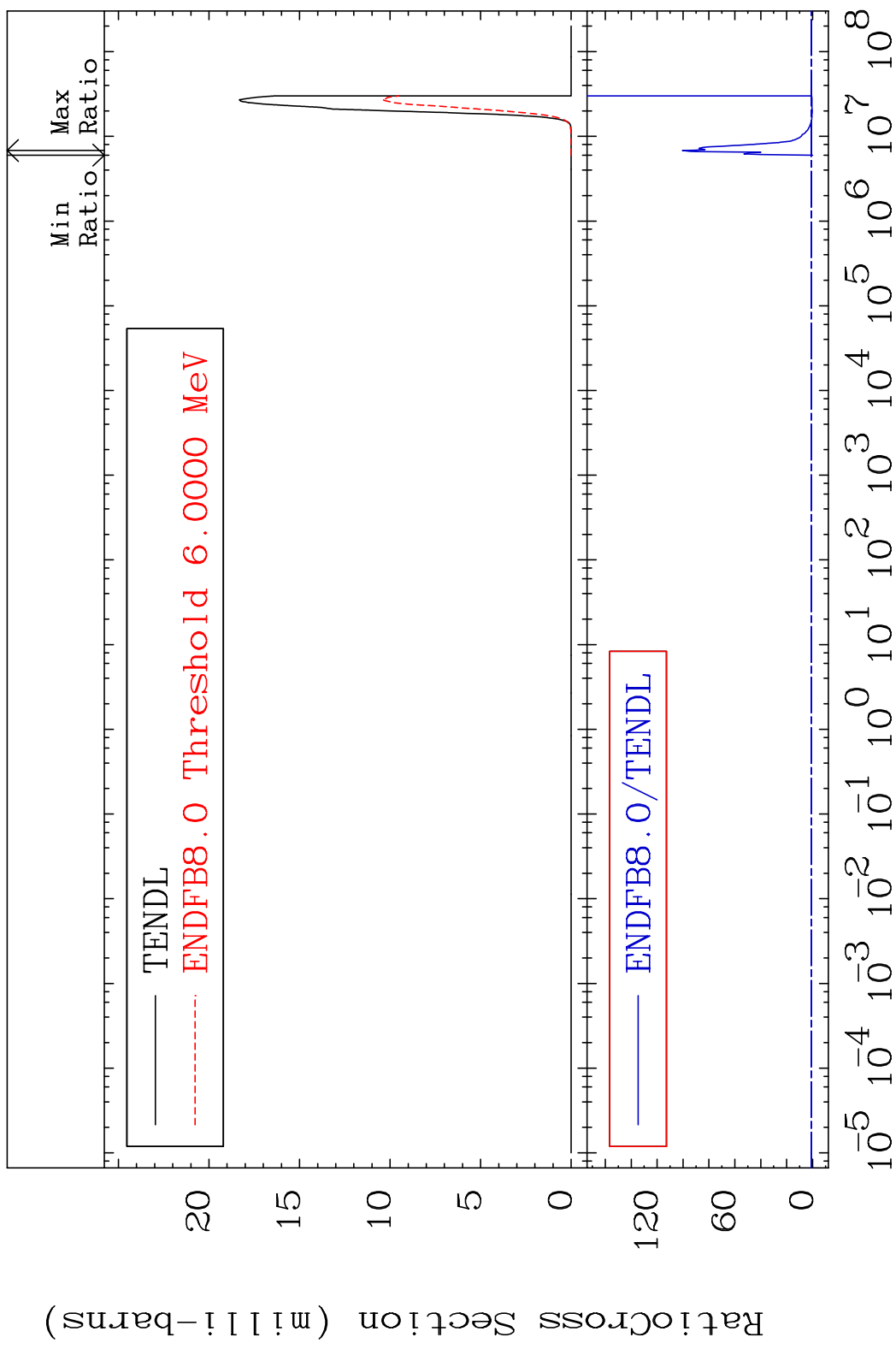


MAT 6922

(n, n') α

69-Tm-168

Cross Section -100.0 To 9952. %



69-Tm-168

Incident Energy (eV)

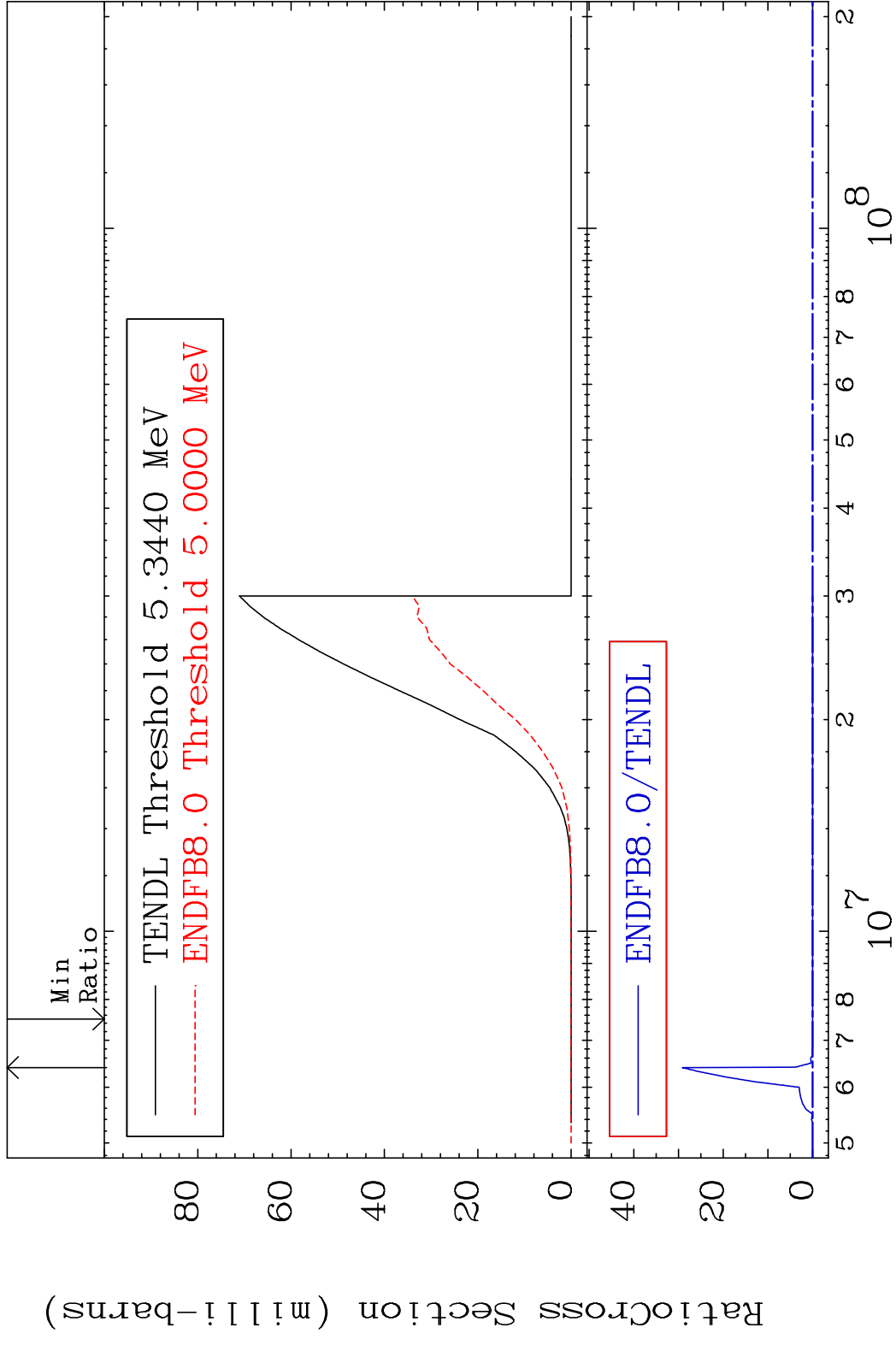
7

MAT 6922

(n, n') p

69-Tm-168

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

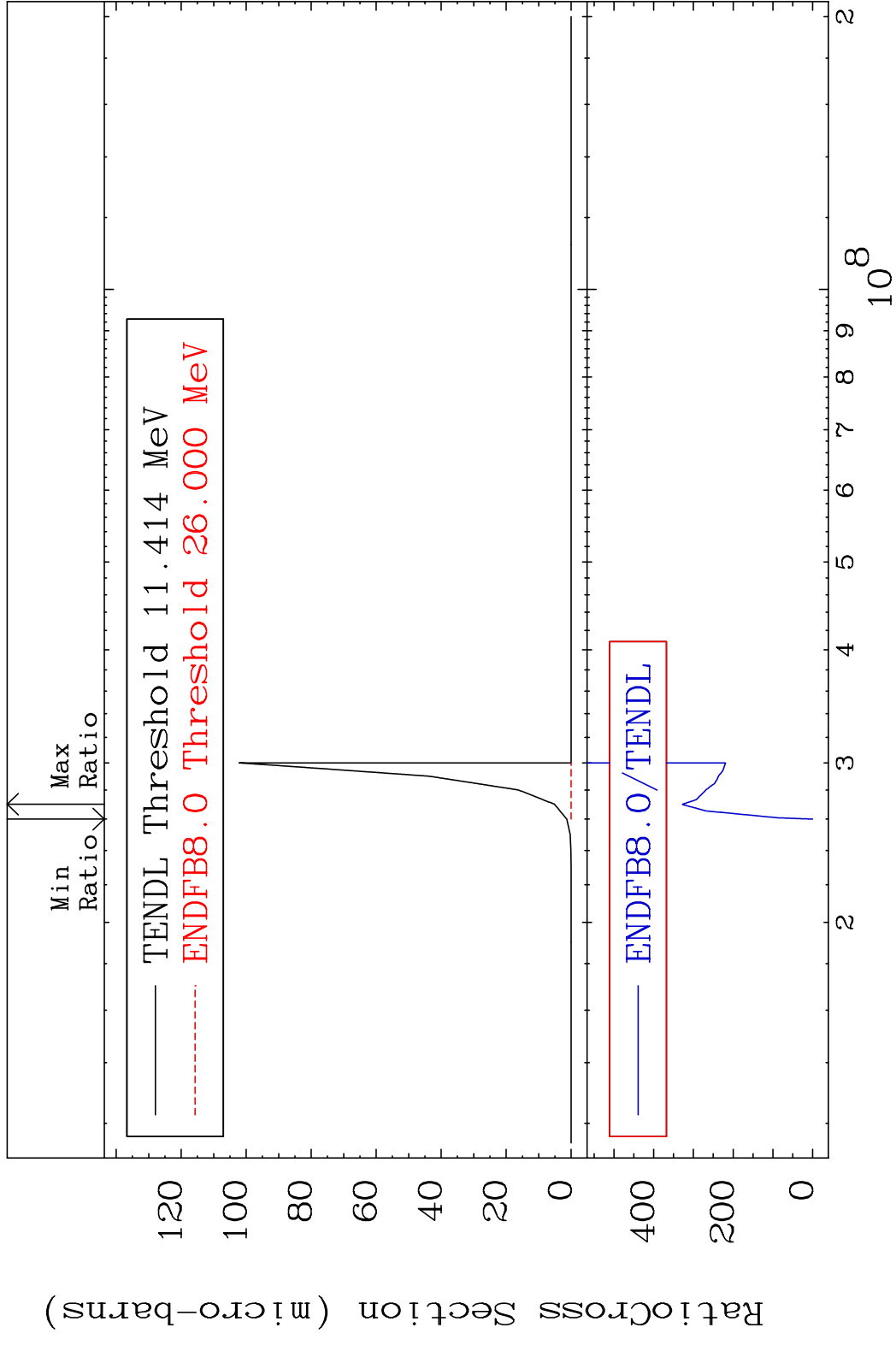
69-Tm-168

MAT 6922

(n,n') He-3

69-Tm-168

Cross Section -100.0 To -99.97%

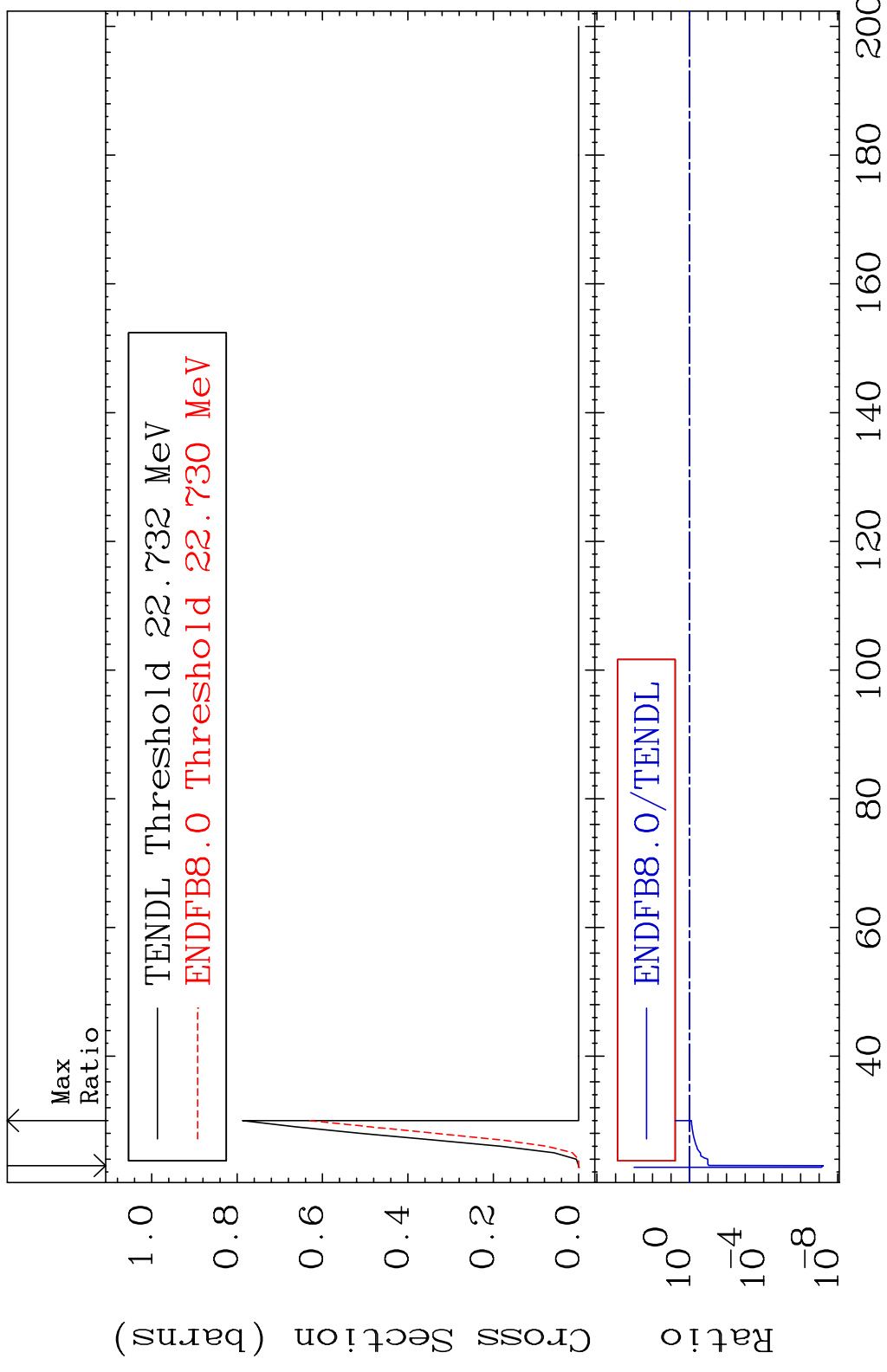


MAT 6922

(n,4n)

69-Tm-168

Cross Section -100.0 To -19.81%



10

Incident Energy (MeV)

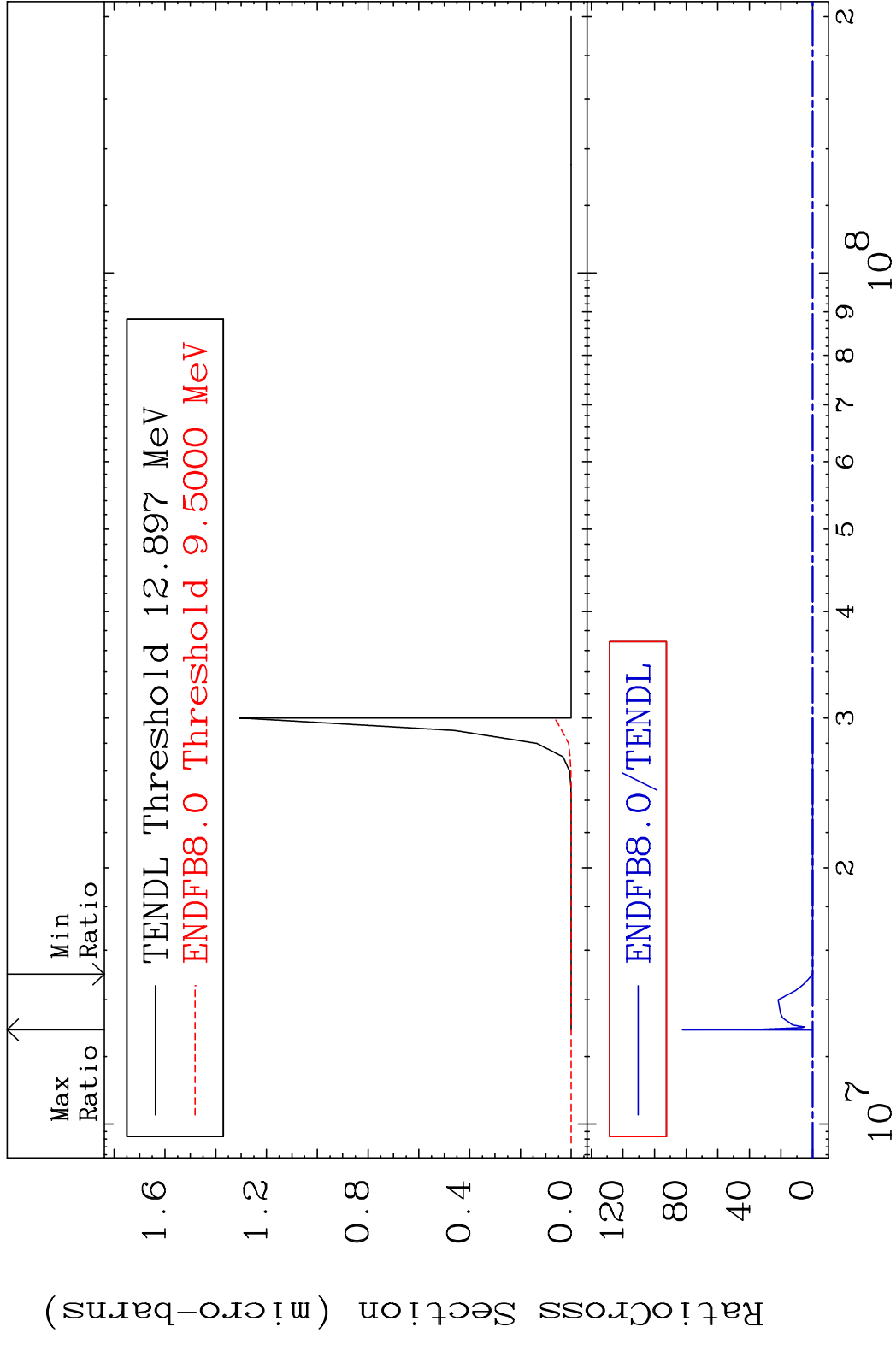
69-Tm-168

MAT 6922

(n,2n) p

69-Tm-168

Cross Section -100.0 To 9999. %

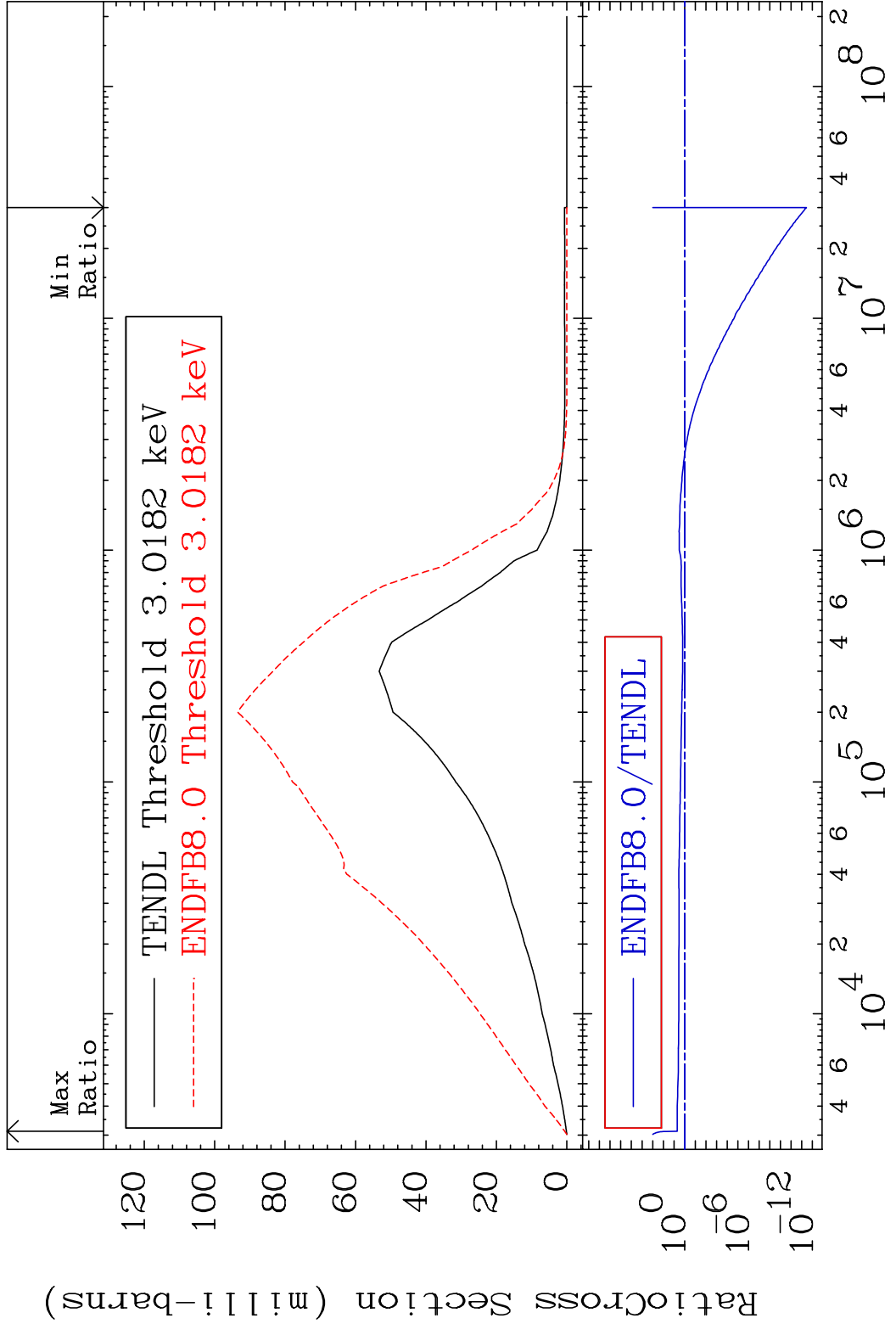


11

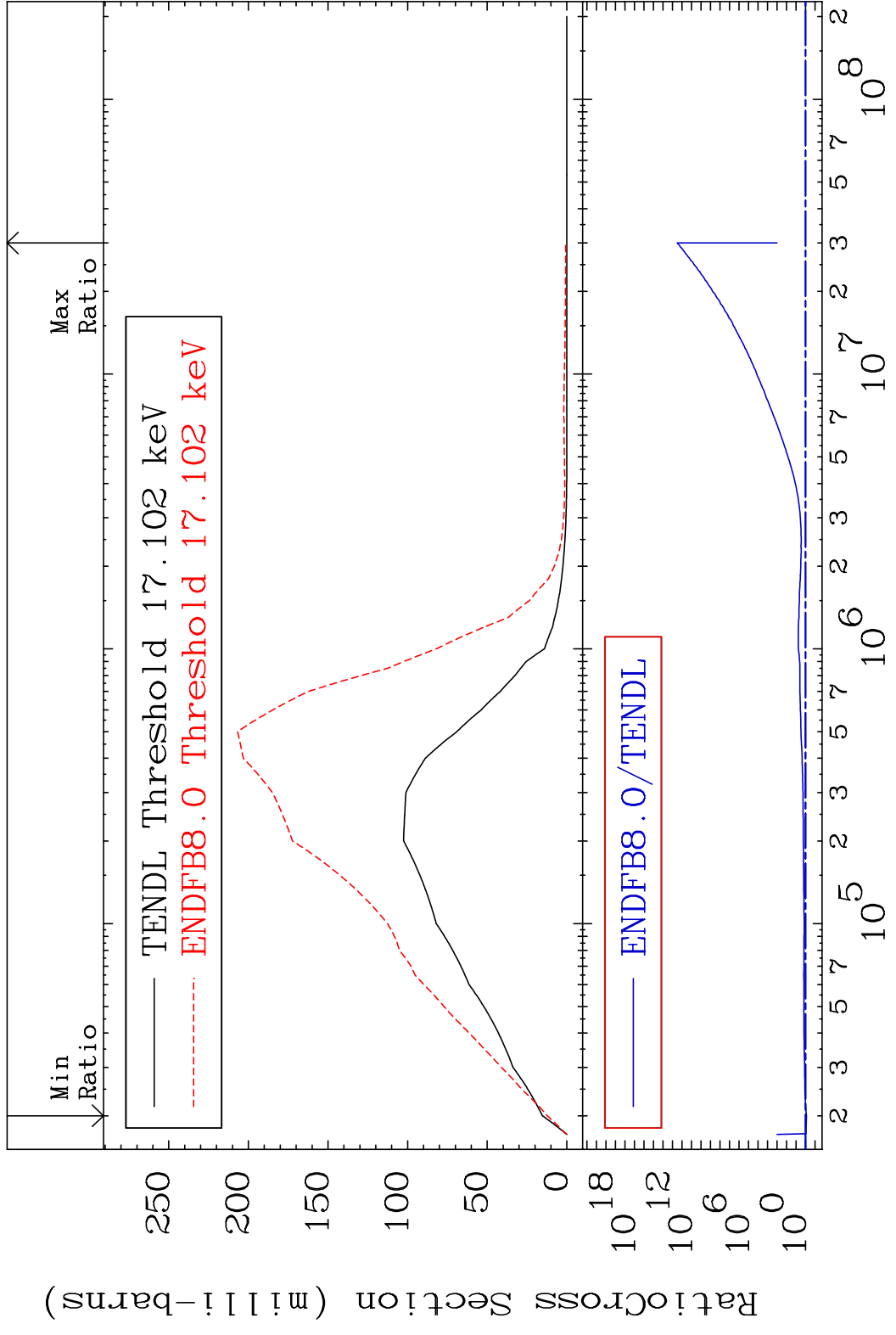
Incident Energy (eV)

69-Tm-168

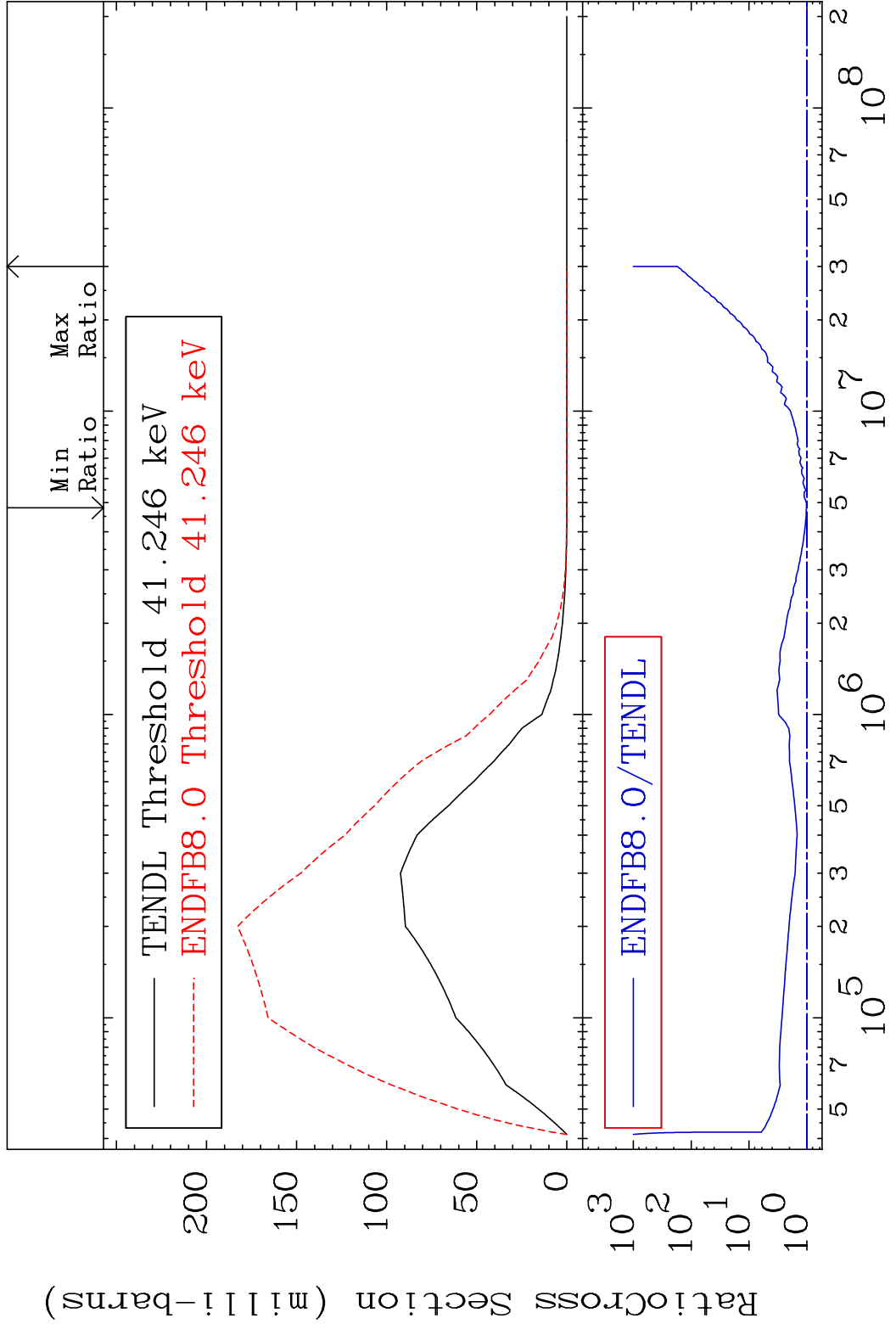
MAT 6922 MT= 51 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 400.1 %



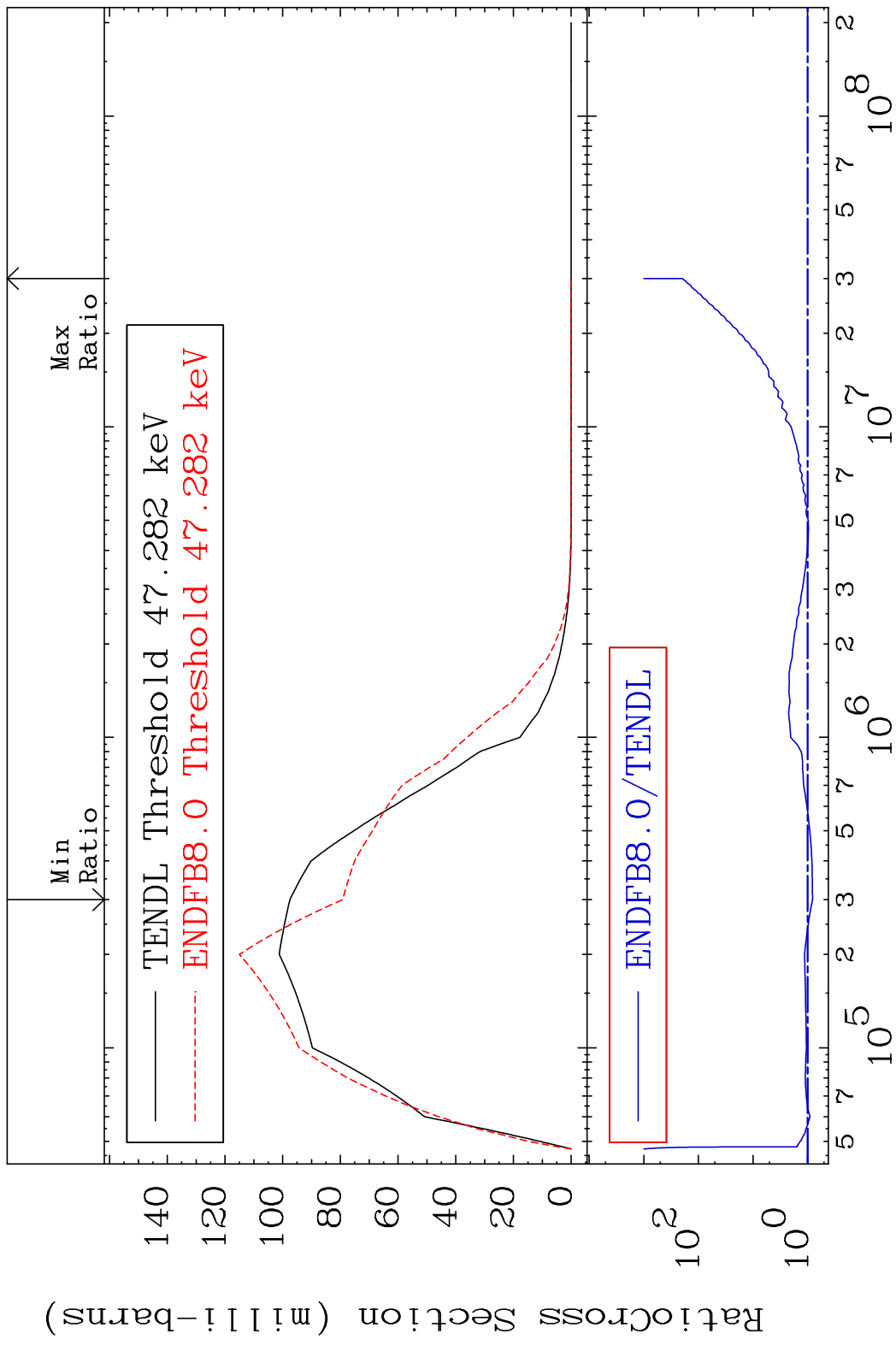
MAT 6922 MT= 52 (n,n') Level 69-Tm-168
 Cross Section -20.24 To 9999. %



MAT 6922 MT= 53 (n, n') Level 69-Tm-168
 Cross Section 2.183 To 9999. %

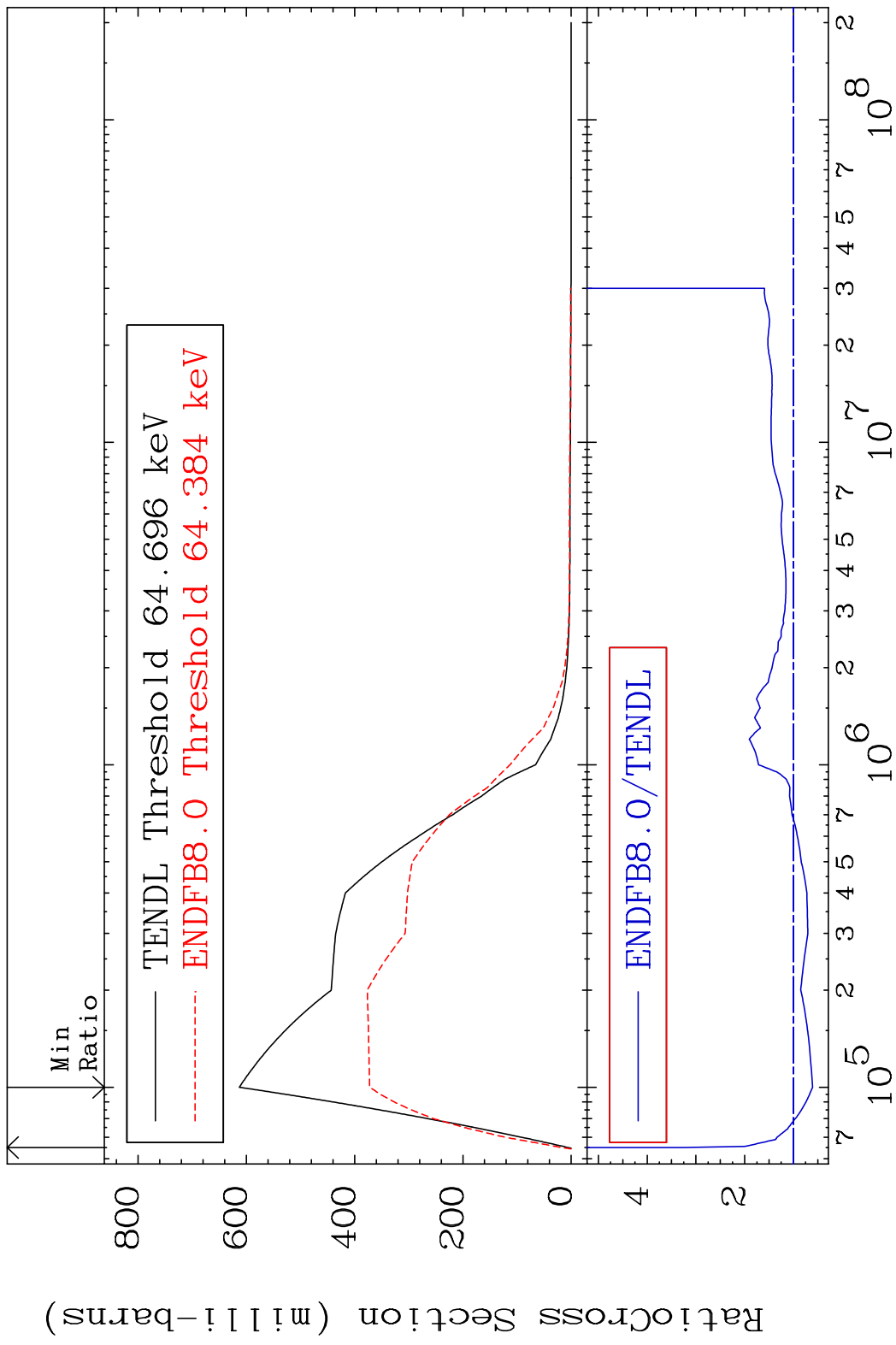


MAT 6922 MT= 54 (n,n') Level 69-Tm-168
 Cross Section -18.77 To 9999. %



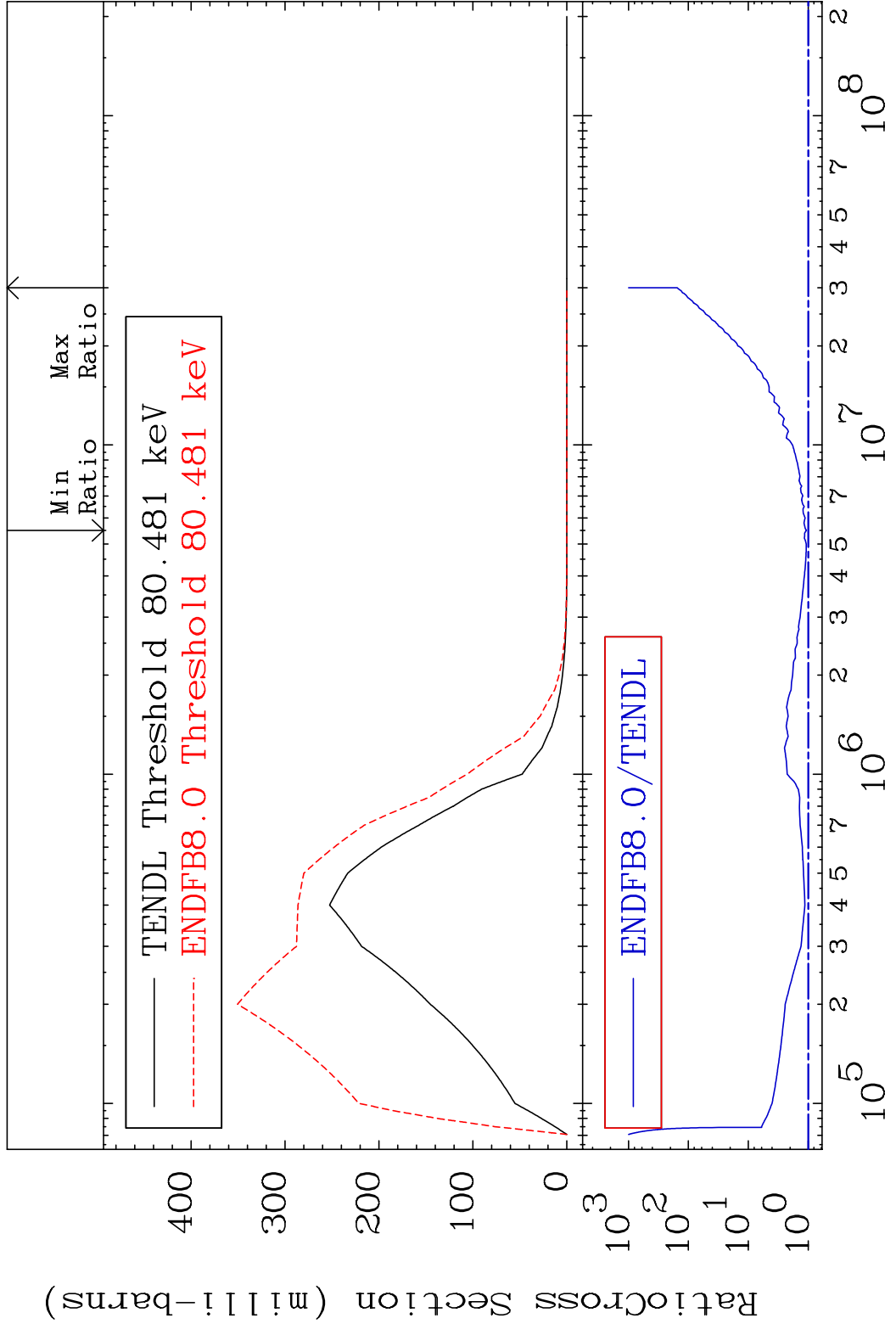
15 Incident Energy (eV) 69-Tm-168

MAT 6922 MT= 55 (n,n') Level 69-Tm-168
 Cross Section -39.25 To 227.8 %



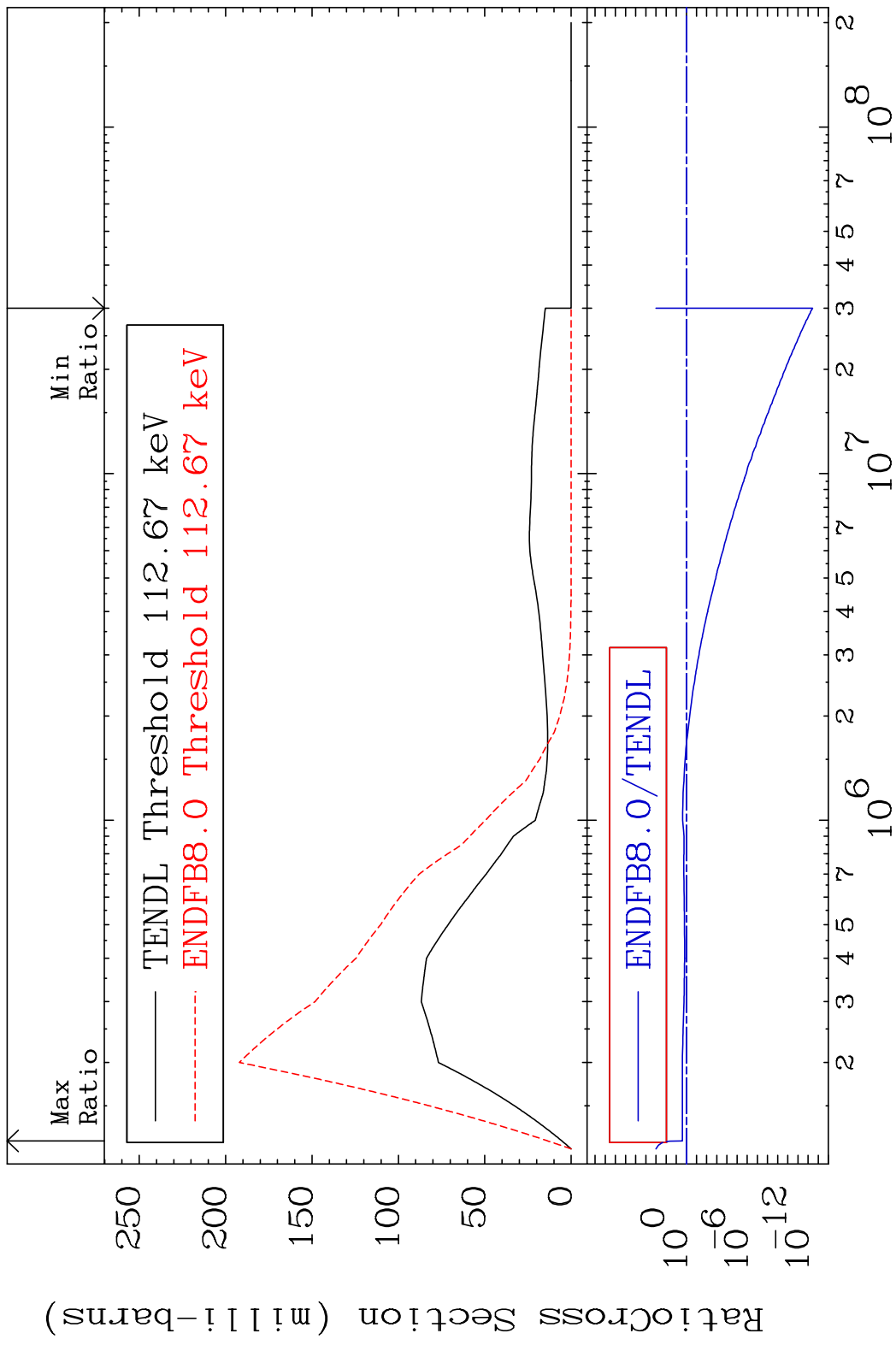
16 Incident Energy (eV) 69-Tm-168

MAT 6922 MT= 56 (n, n') Level 69-Tm-168
 Cross Section 7.079 To 9999. %

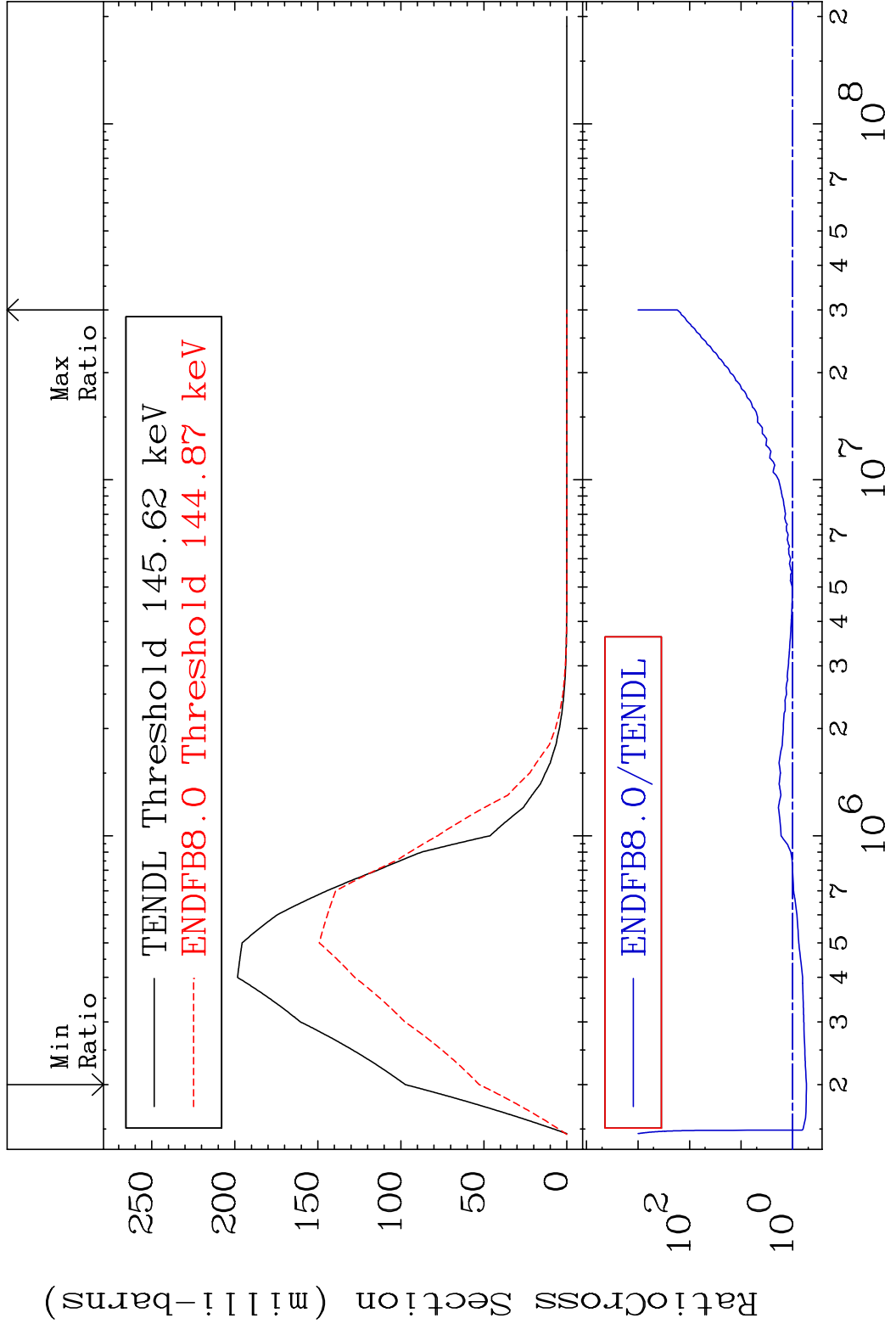


17 Incident Energy (eV) 69-Tm-168

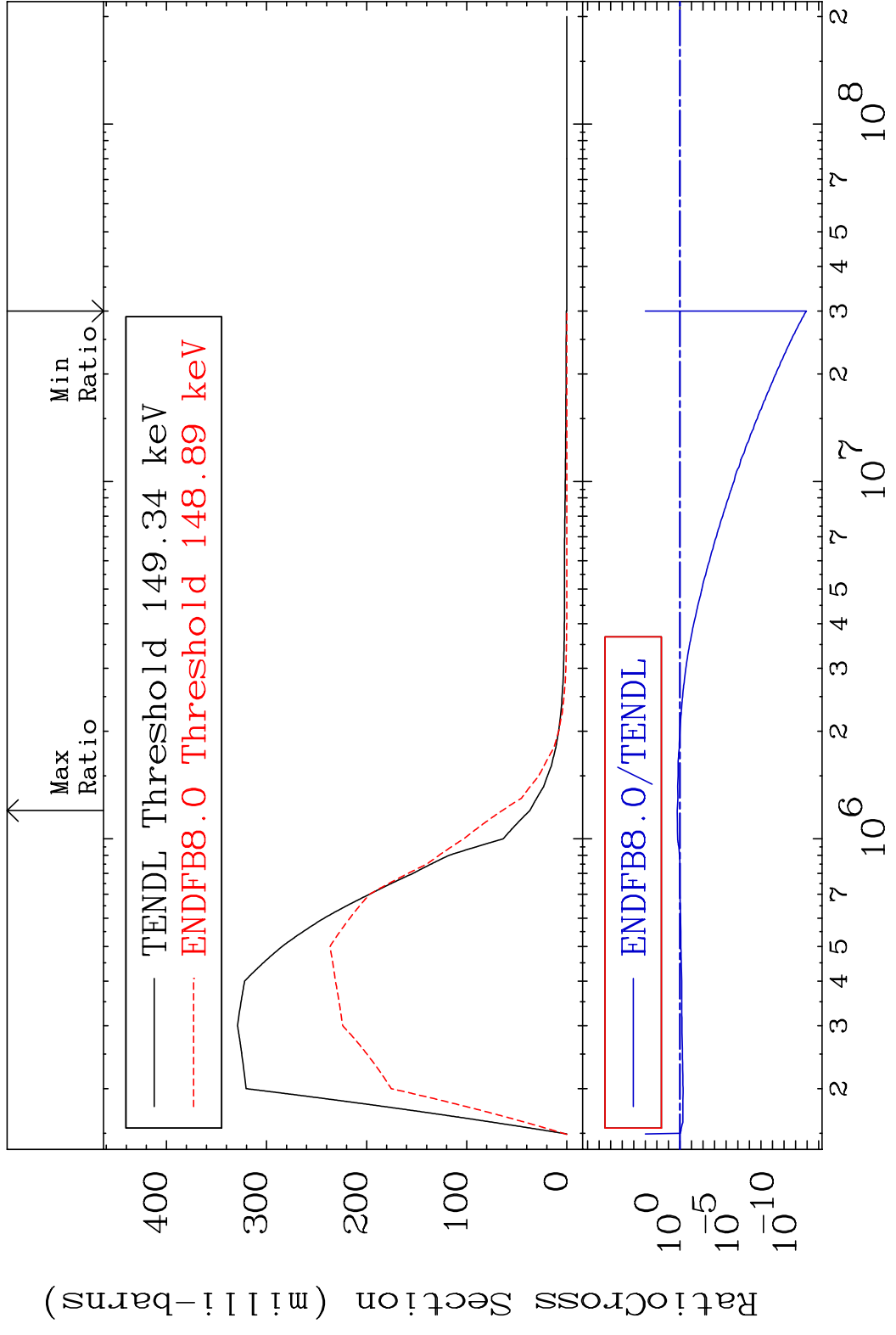
MAT 6922 MT= 57 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 150.0 %



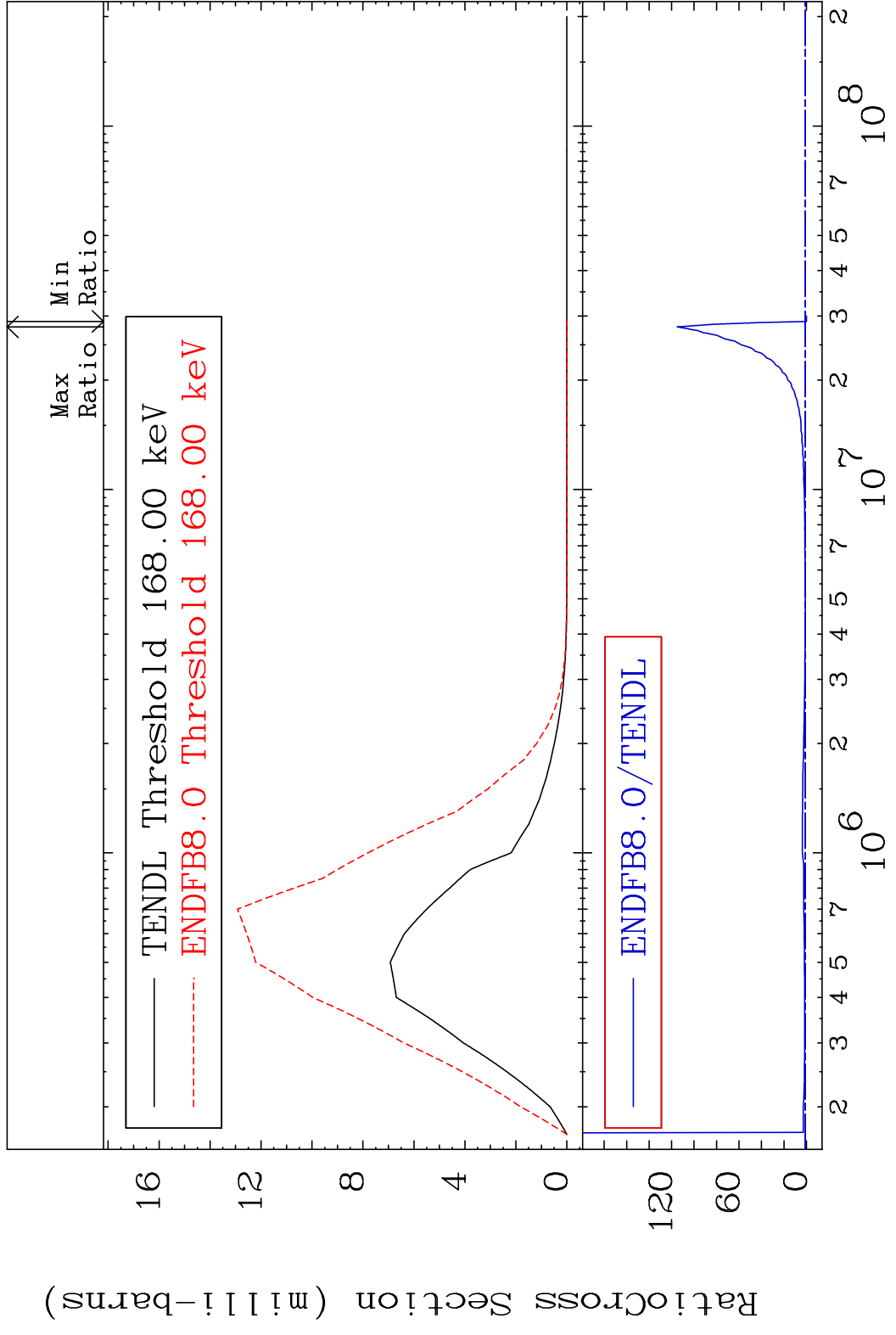
MAT 6922 MT= 58 (n,n') Level 69-Tm-168
 Cross Section -45.76 To 9999. %



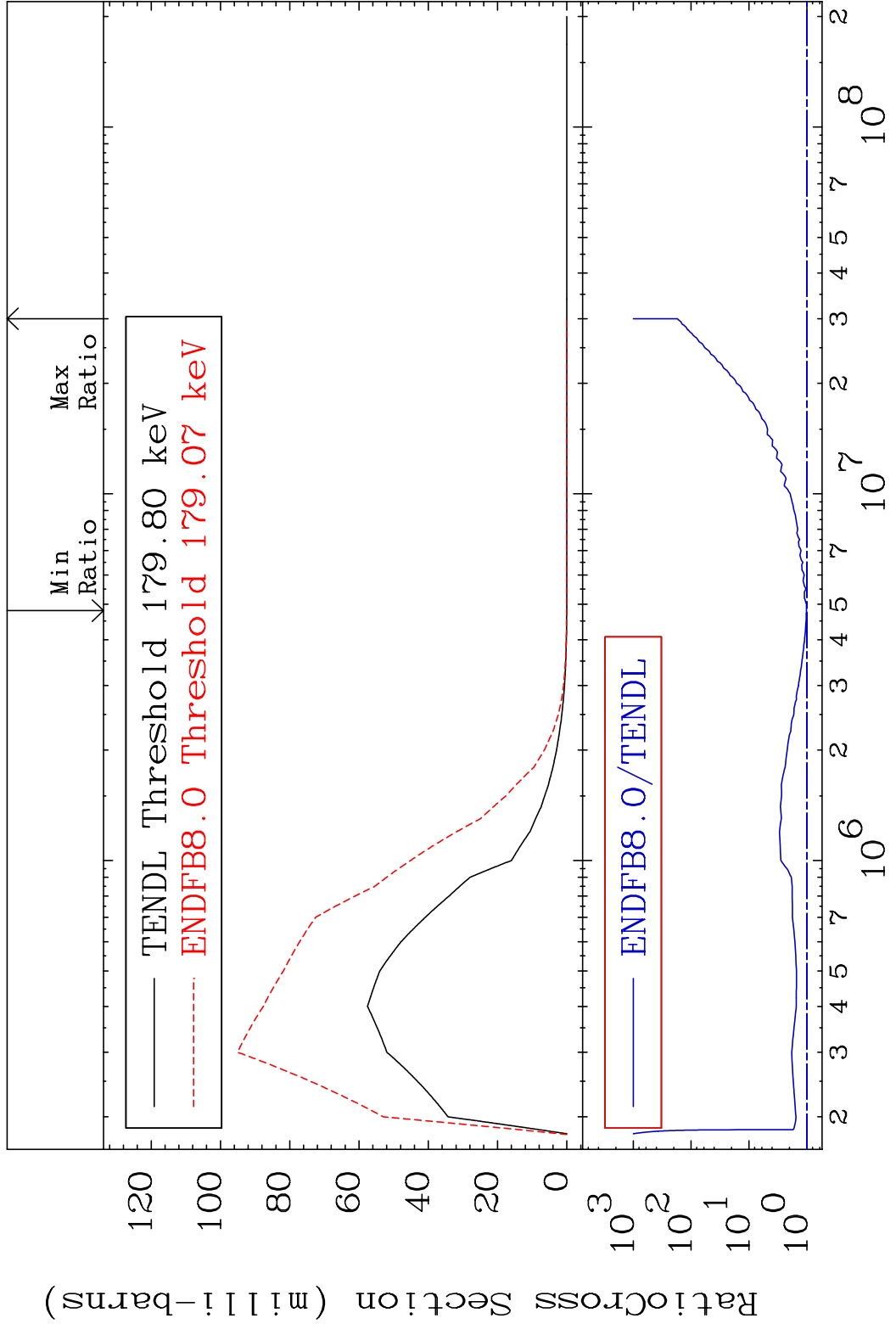
MAT 6922 MT= 59 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 74.62 %



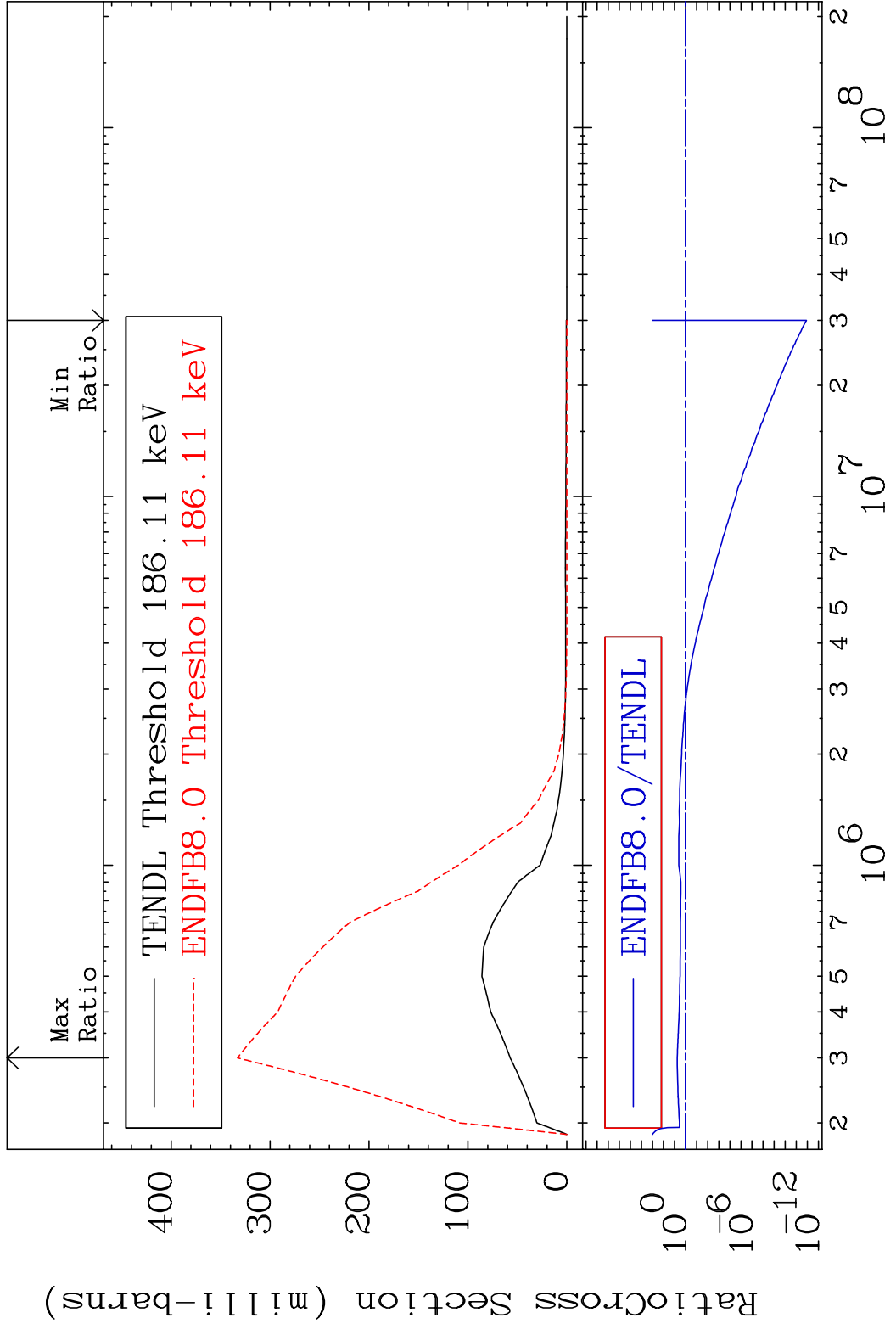
MAT 6922 MT= 60 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %



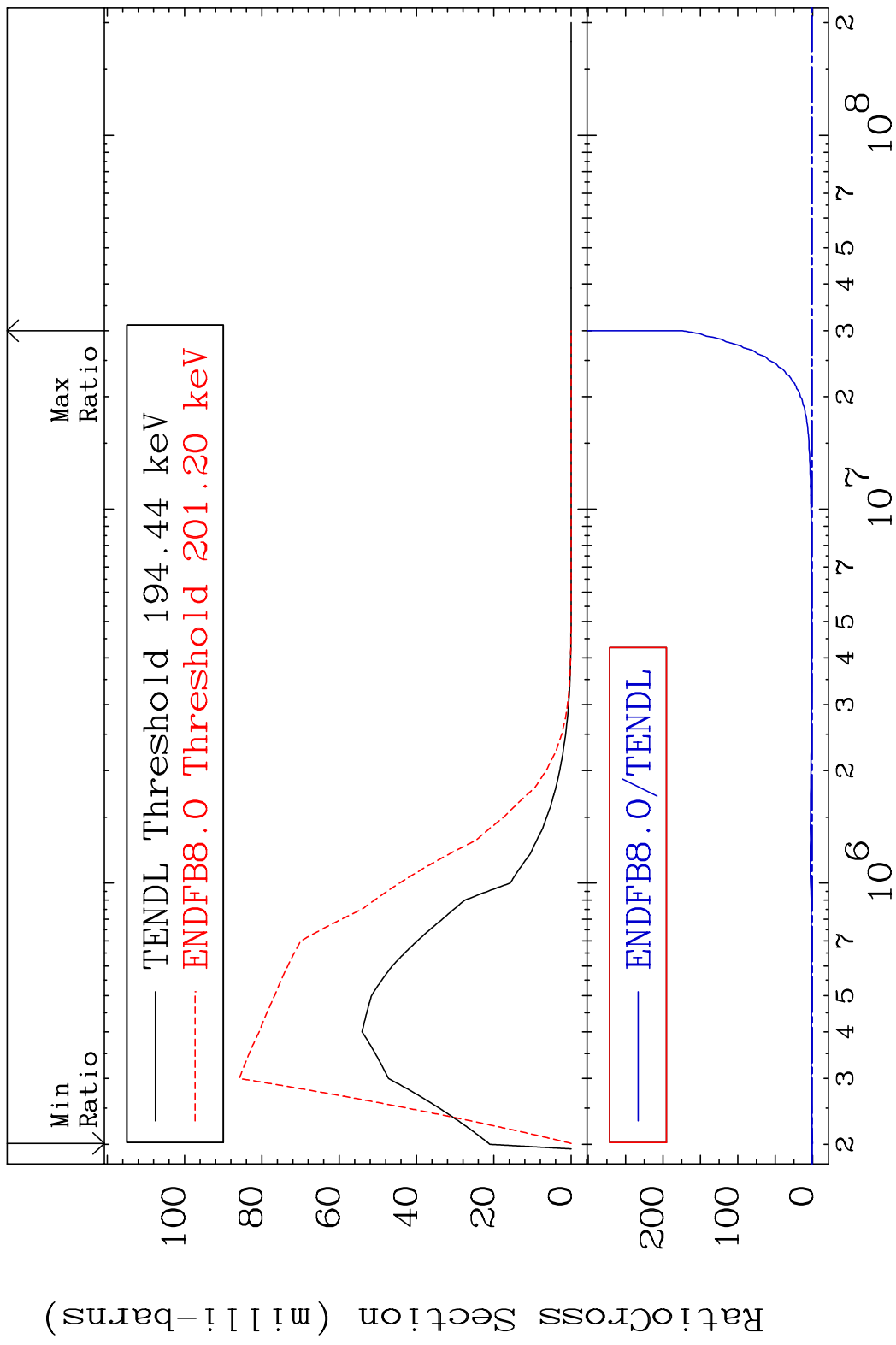
MAT 6922 MT= 61 (n, n') Level 69-Tm-168
 Cross Section 1.999 To 9999. %



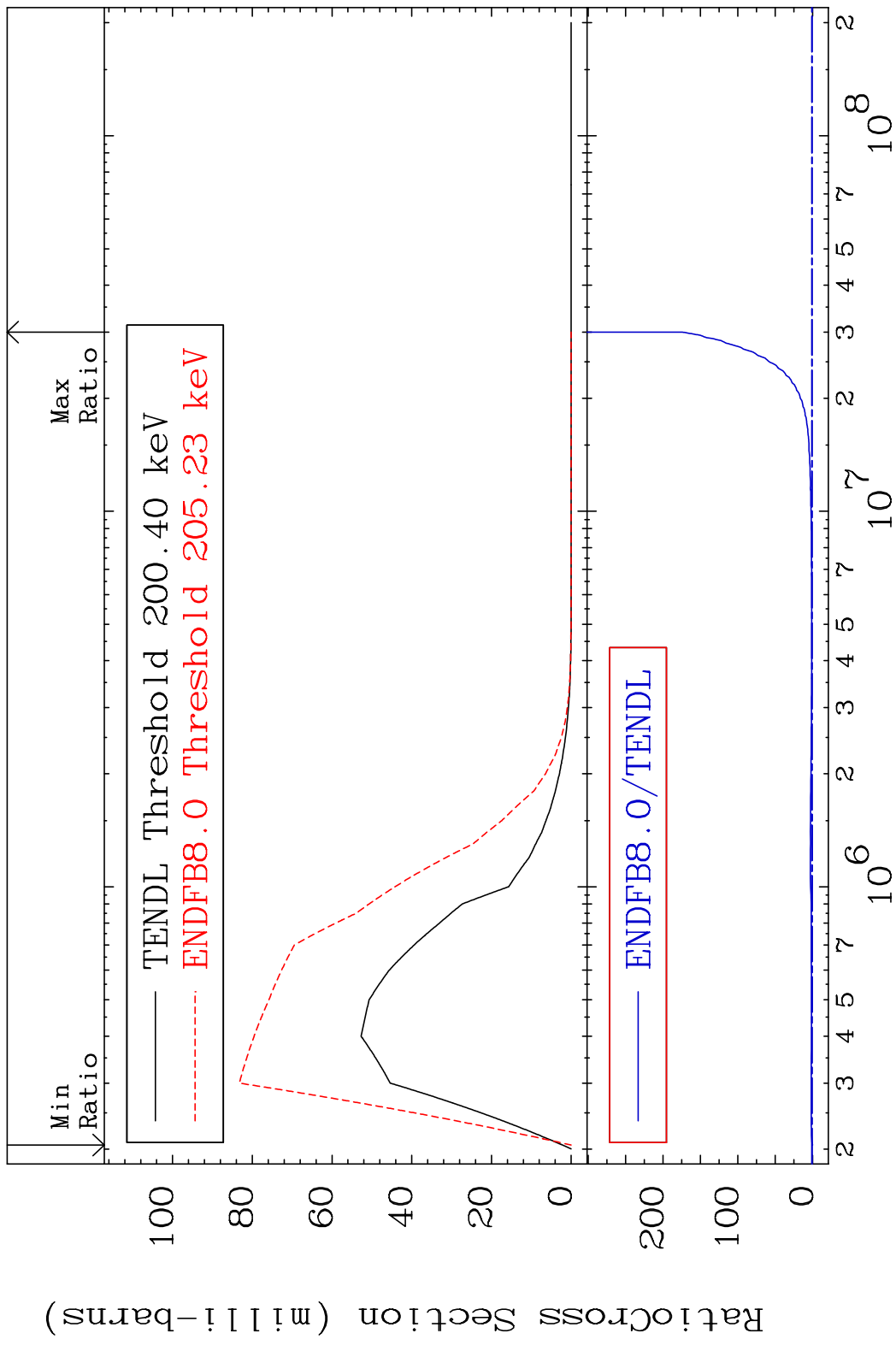
MAT 6922 MT= 62 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 481.7 %



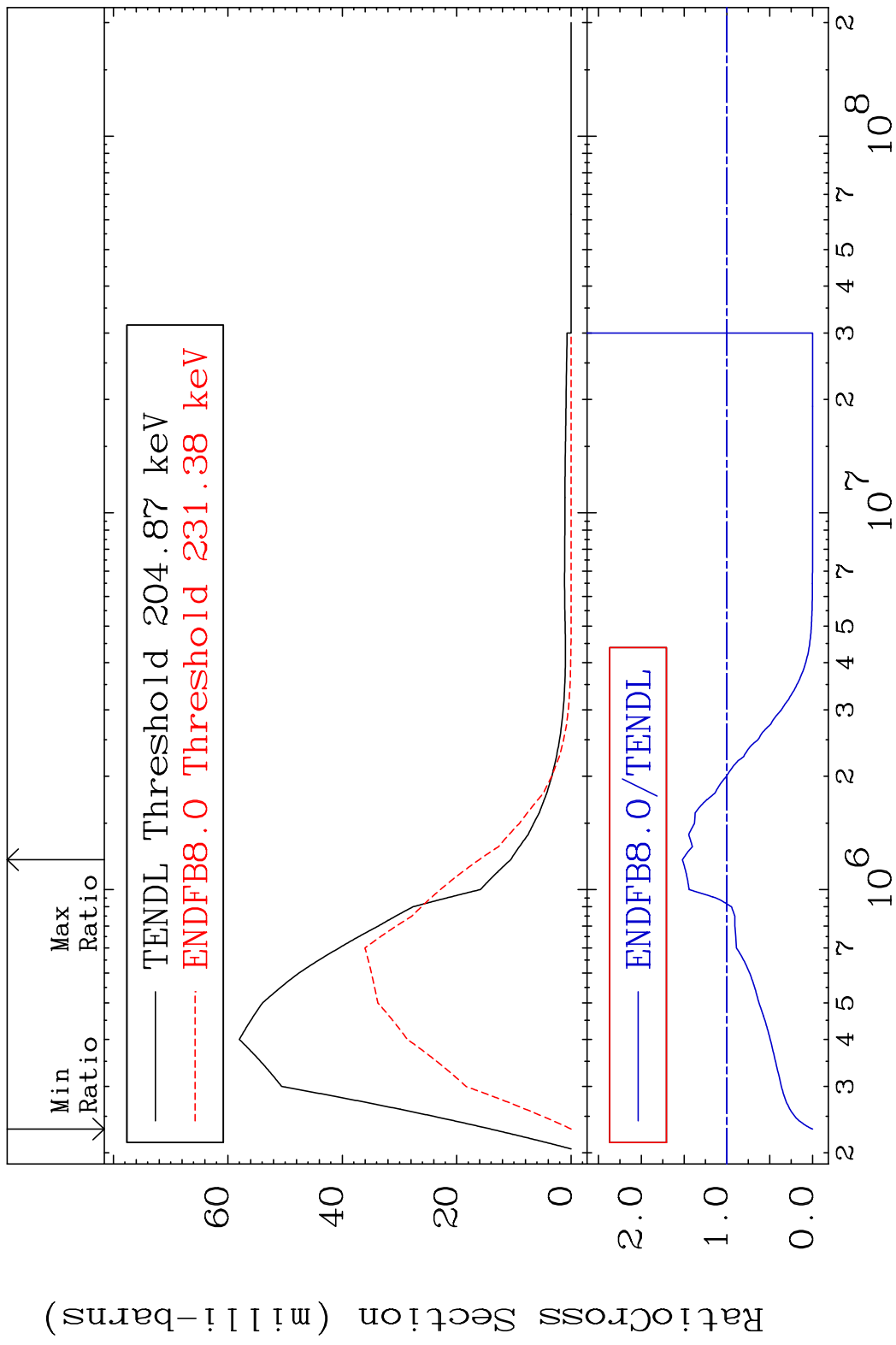
MAT 6922 MT= 63 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %



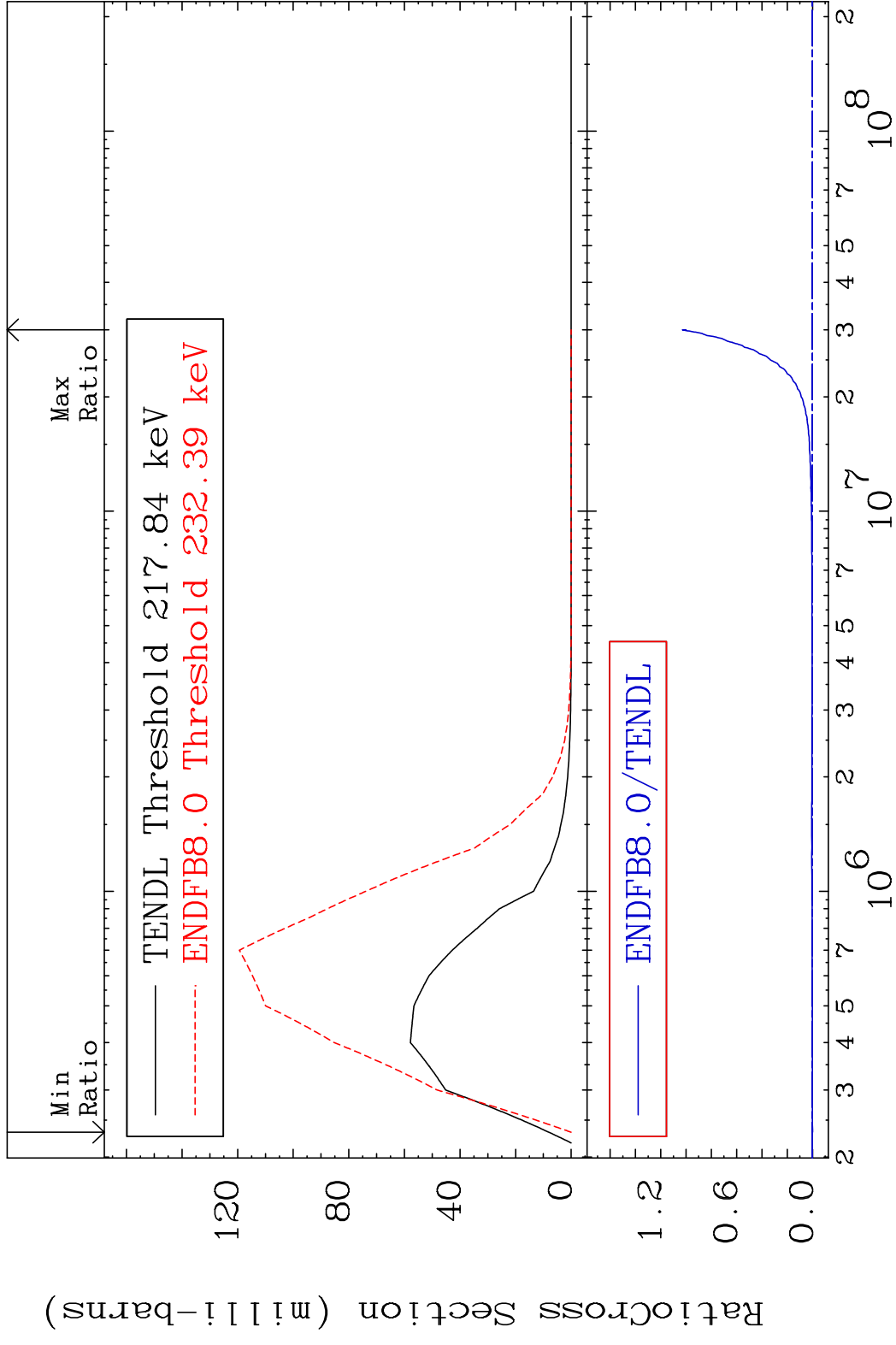
MAT 6922 MT= 64 (n,n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %



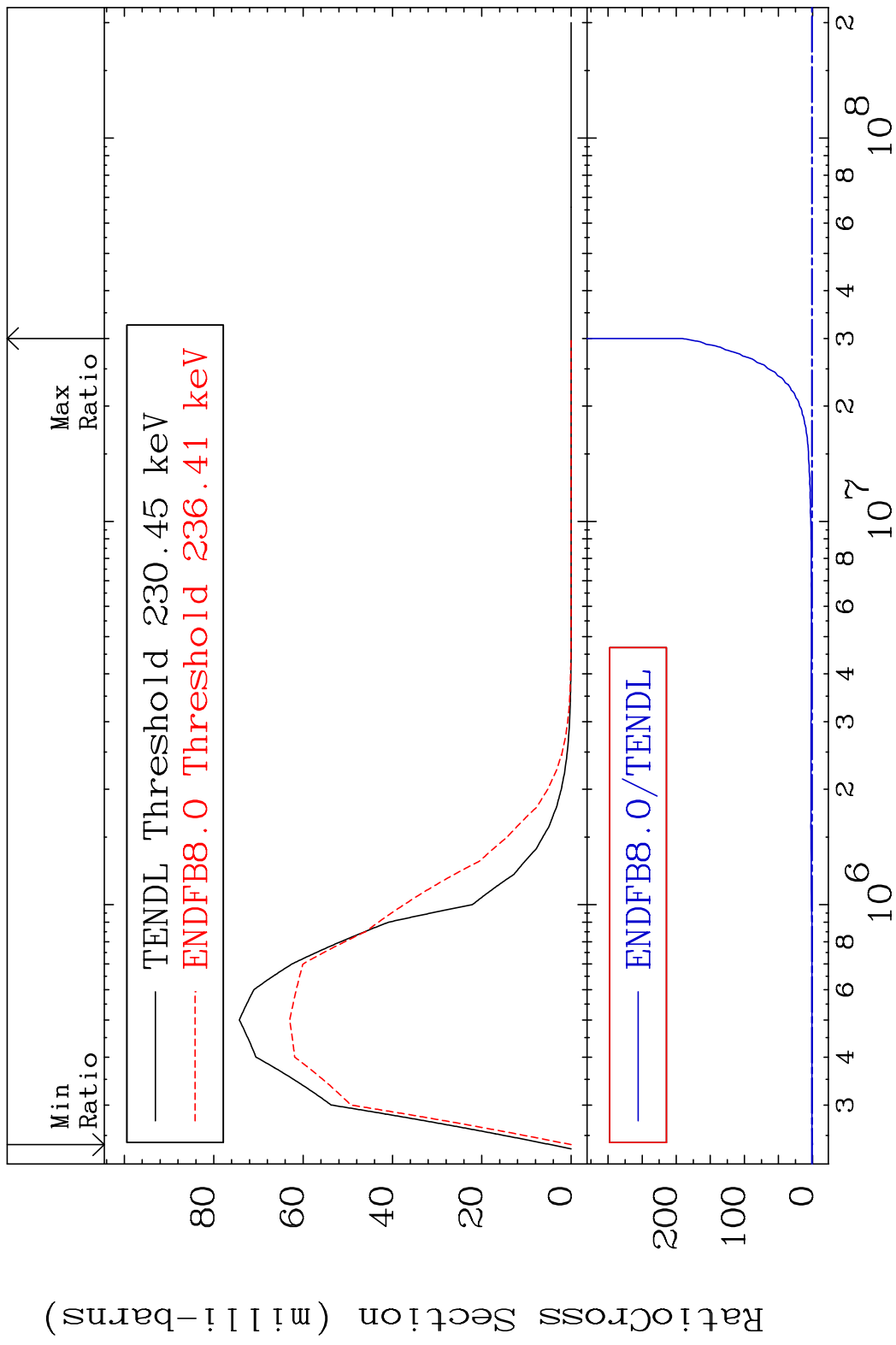
MAT 6922 MT= 65 (n,n') Level 69-Tm-168
 Cross Section -100.0 To 52.04 %



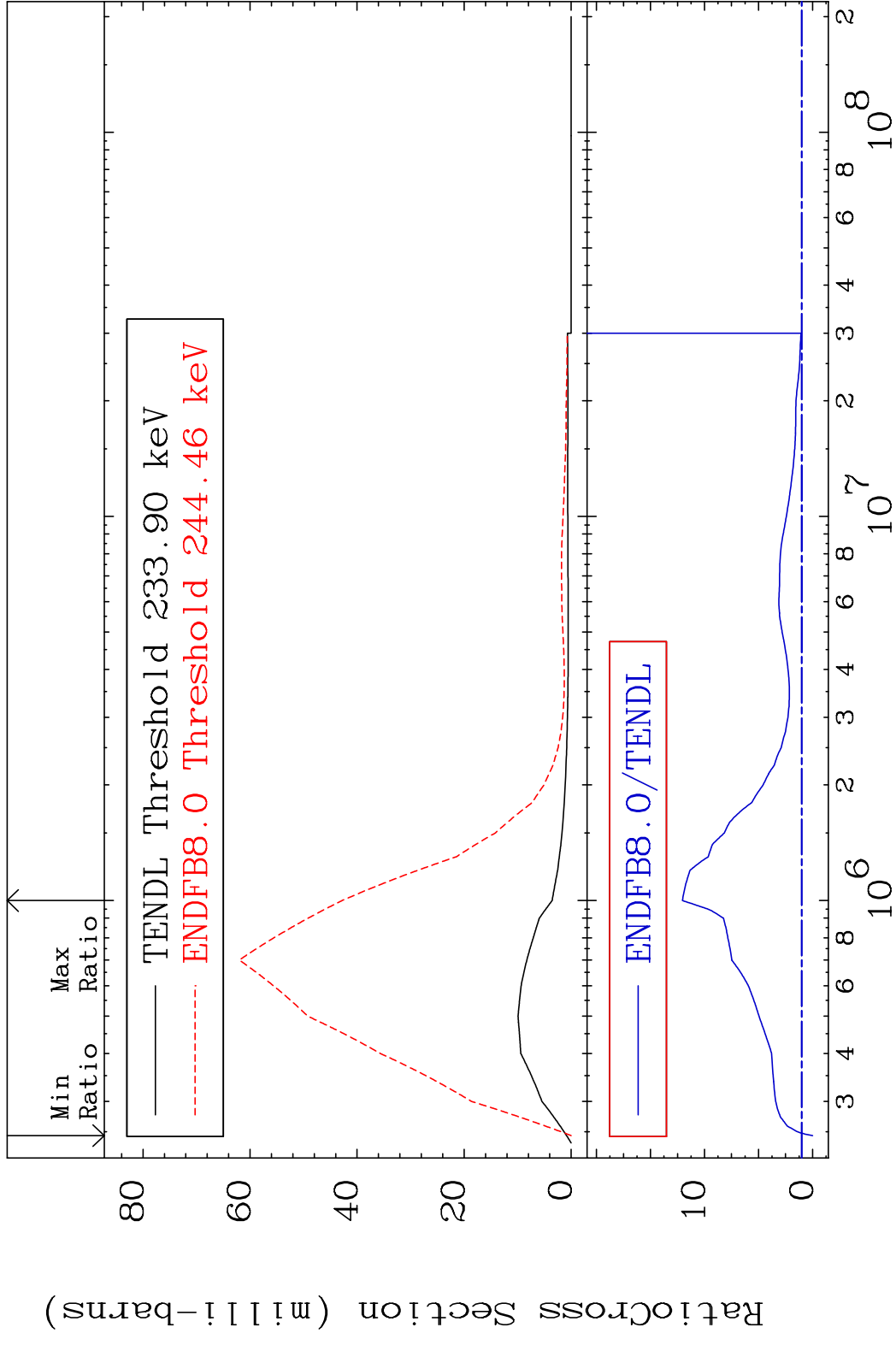
MAT 6922 MT= 66 (n,n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %



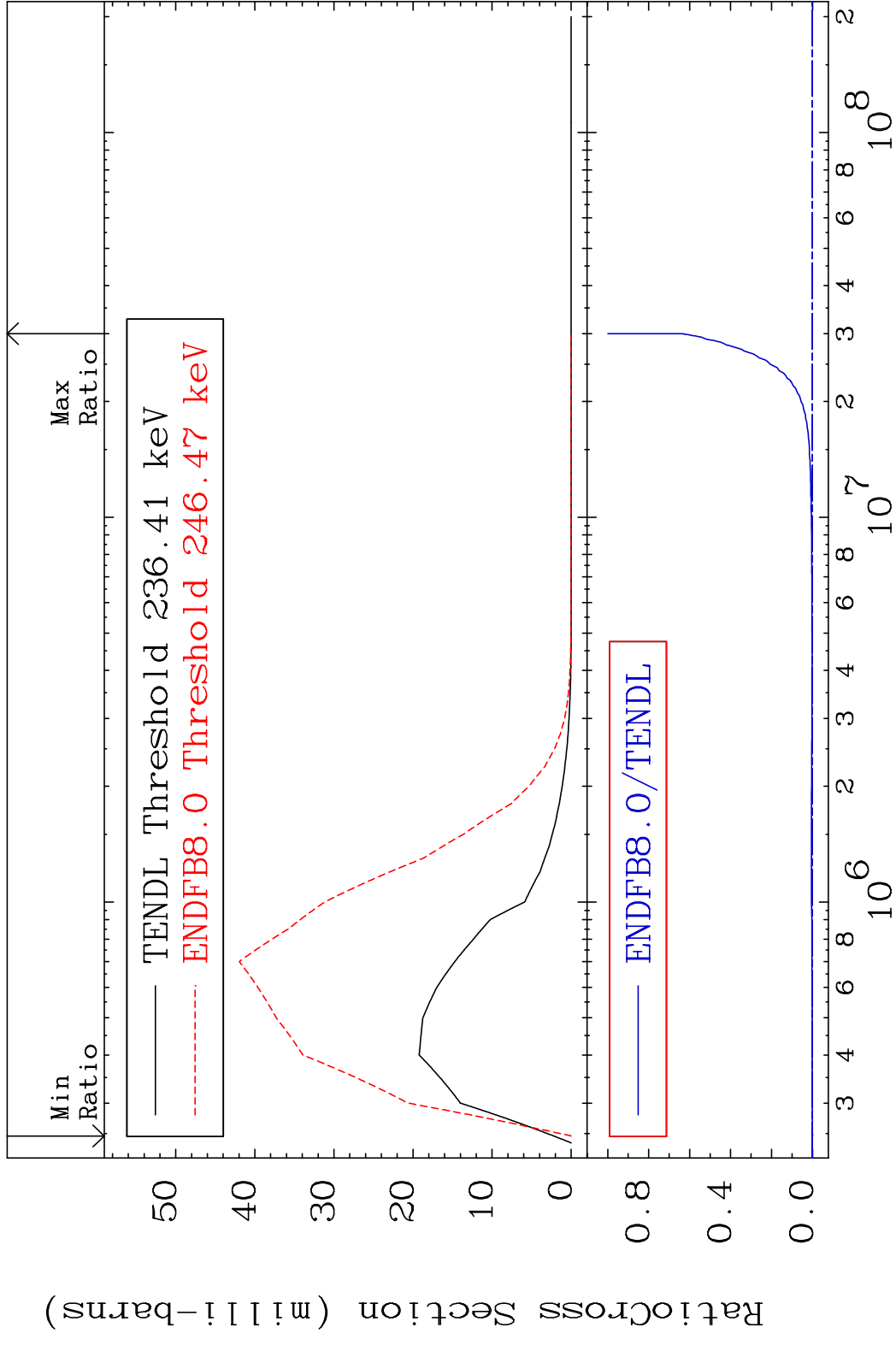
MAT 6922 MT= 67 (n,n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %



MAT 6922 MT= 68 (n,n') Level 69-Tm-168
 Cross Section -100.0 To 1105. %

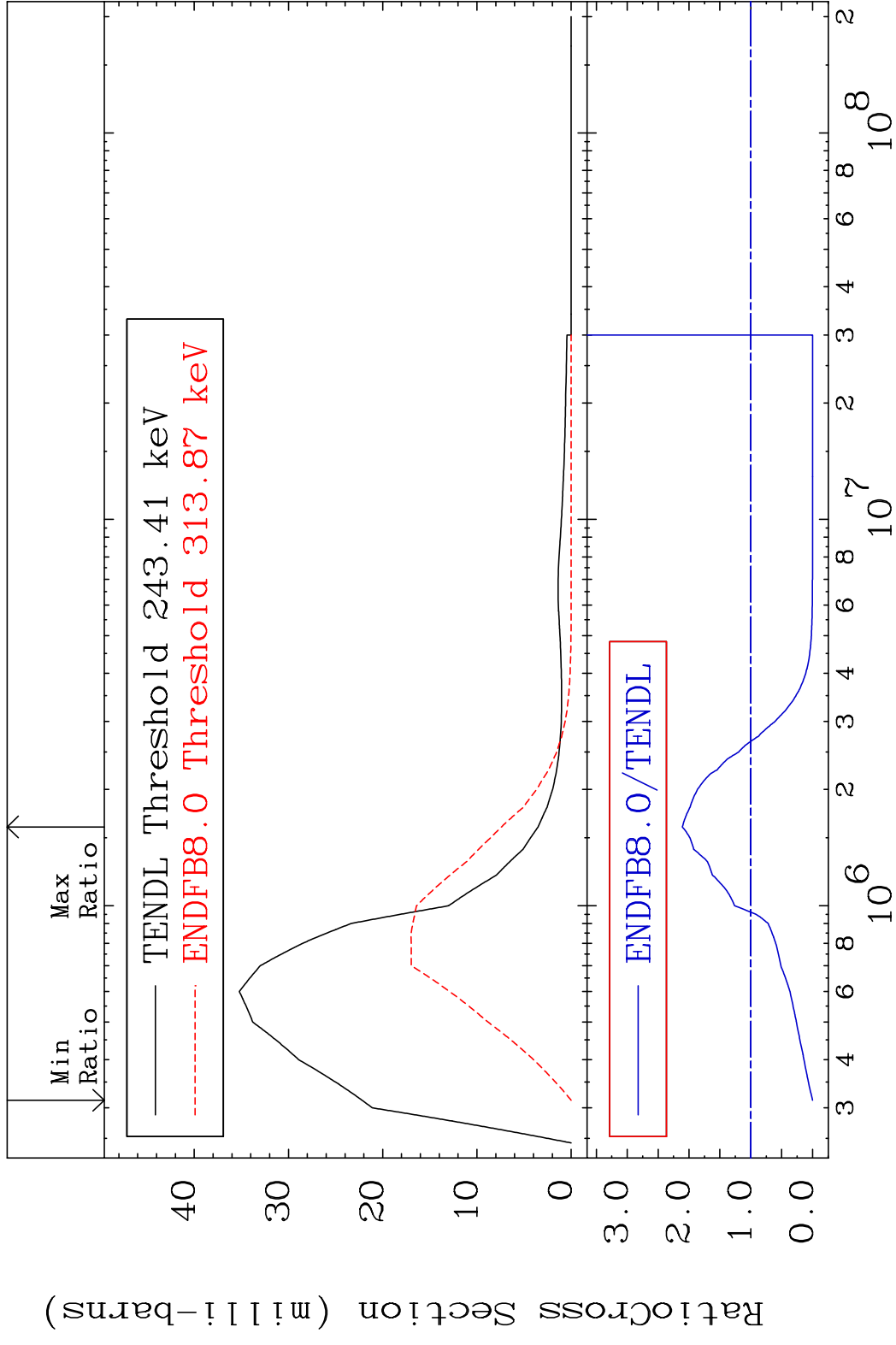


MAT 6922 MT= 69 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %

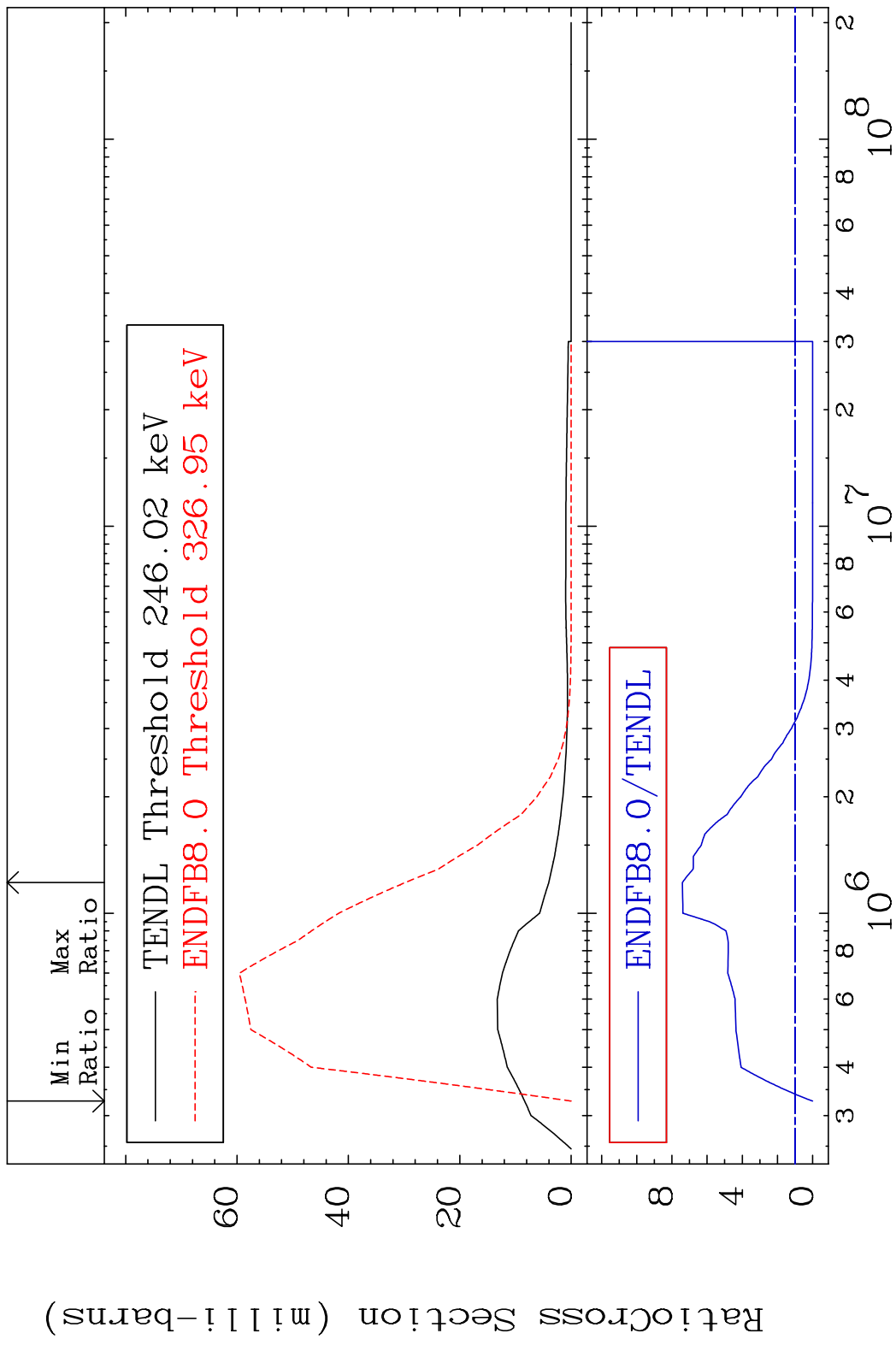


30 Incident Energy (eV) 69-Tm-168

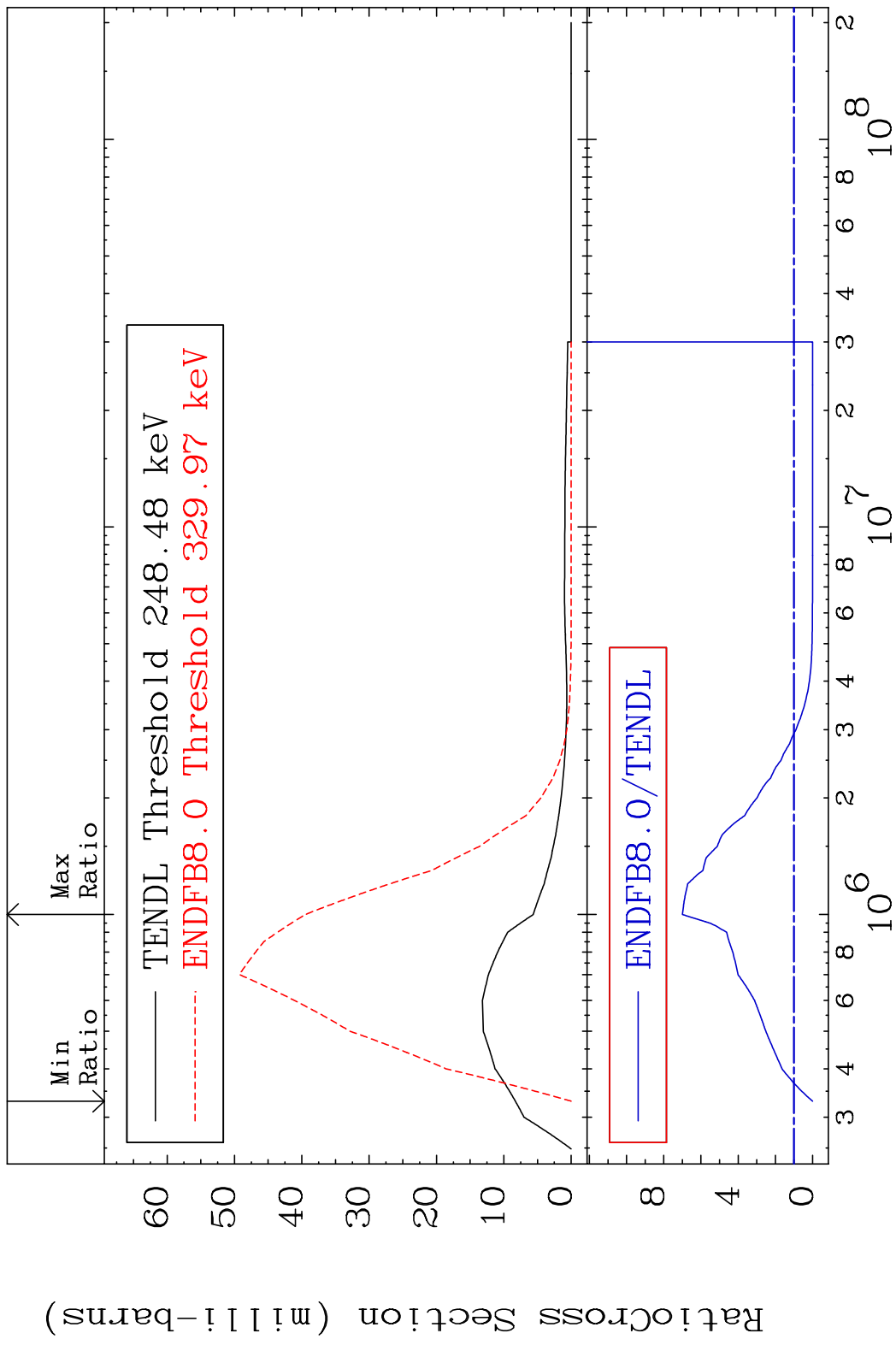
MAT 6922 MT= 70 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 110.8 %



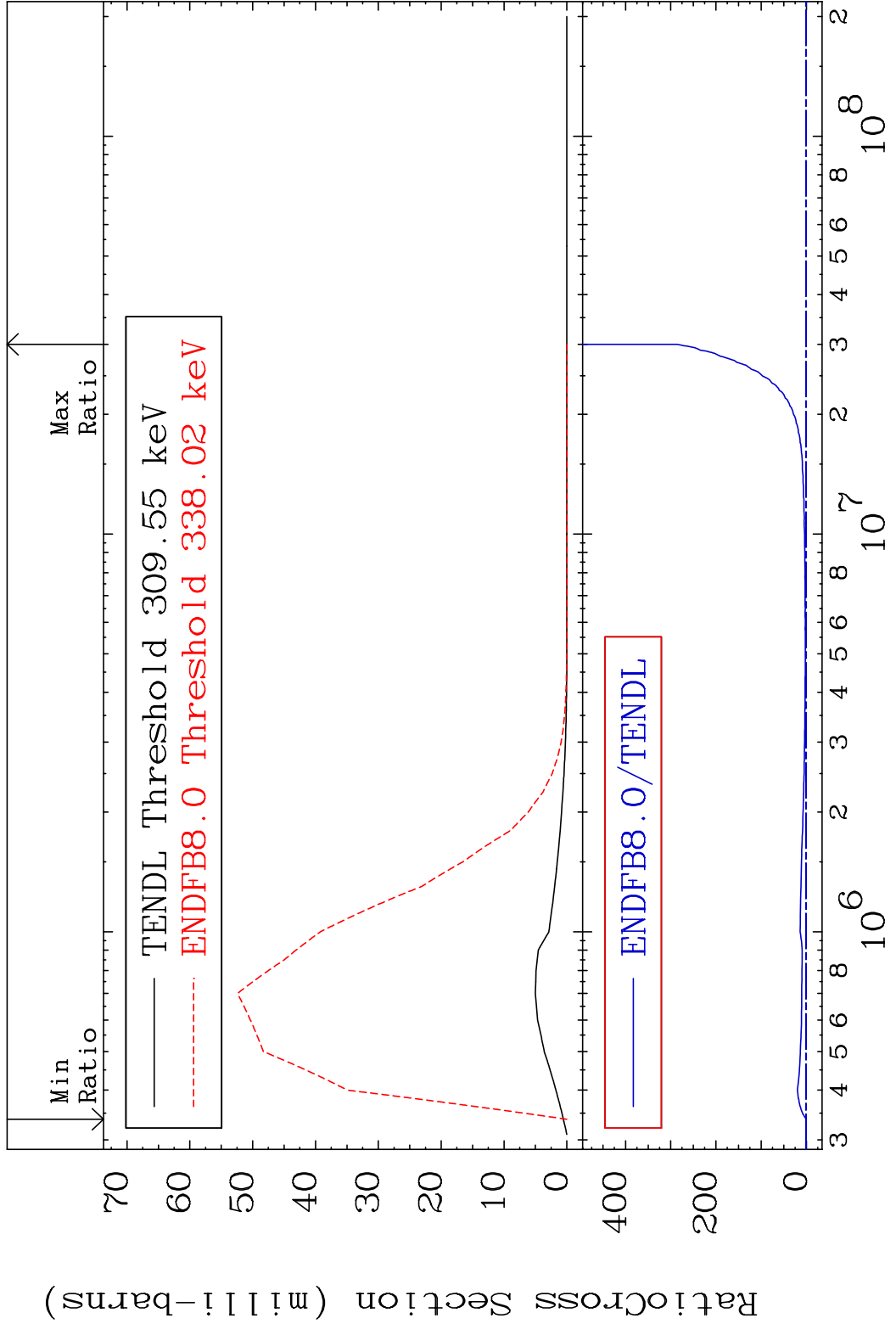
MAT 6922 MT= 71 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 640.8 %



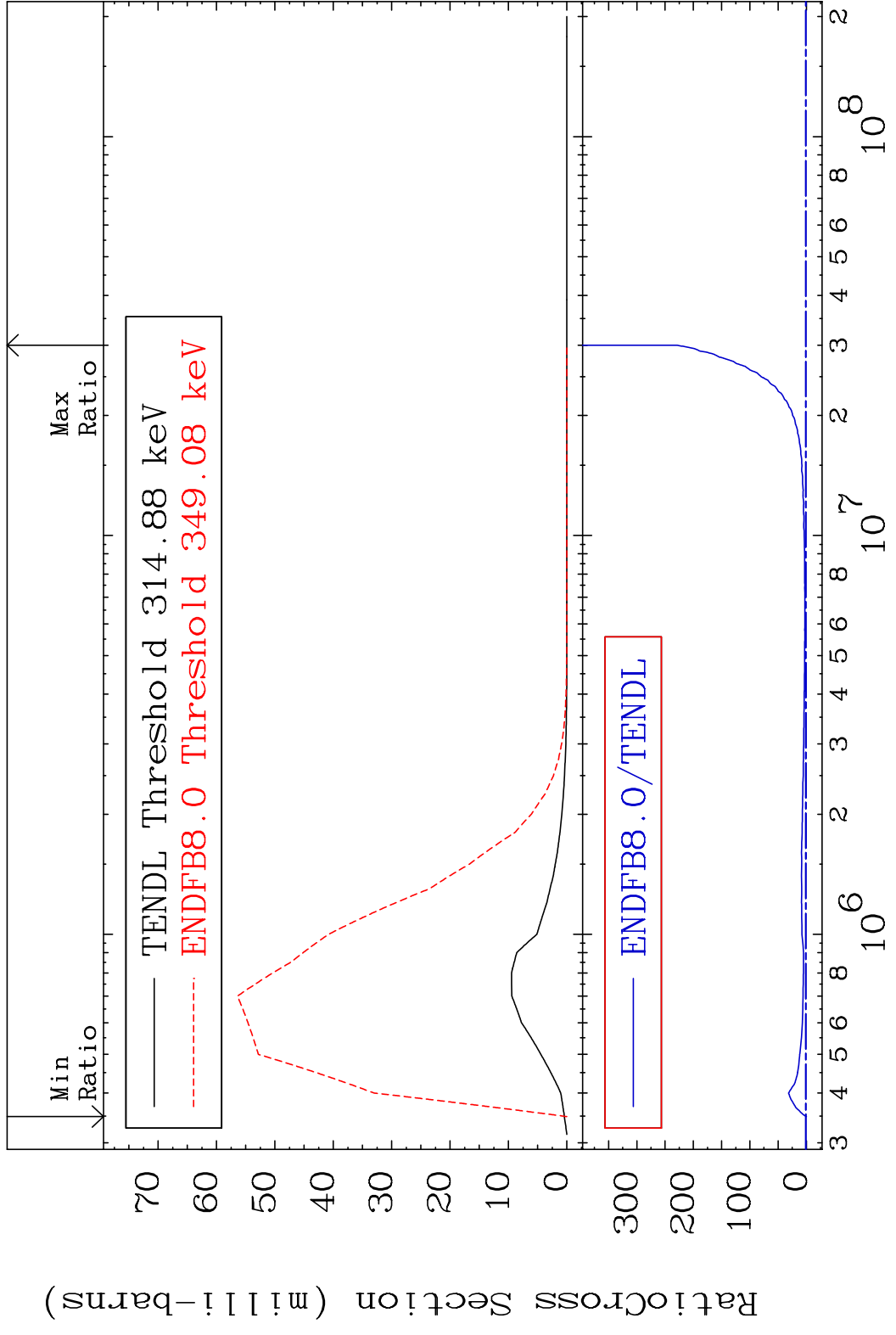
MAT 6922 MT= 72 (n,n') Level 69-Tm-168
 Cross Section -100.0 To 599.9 %



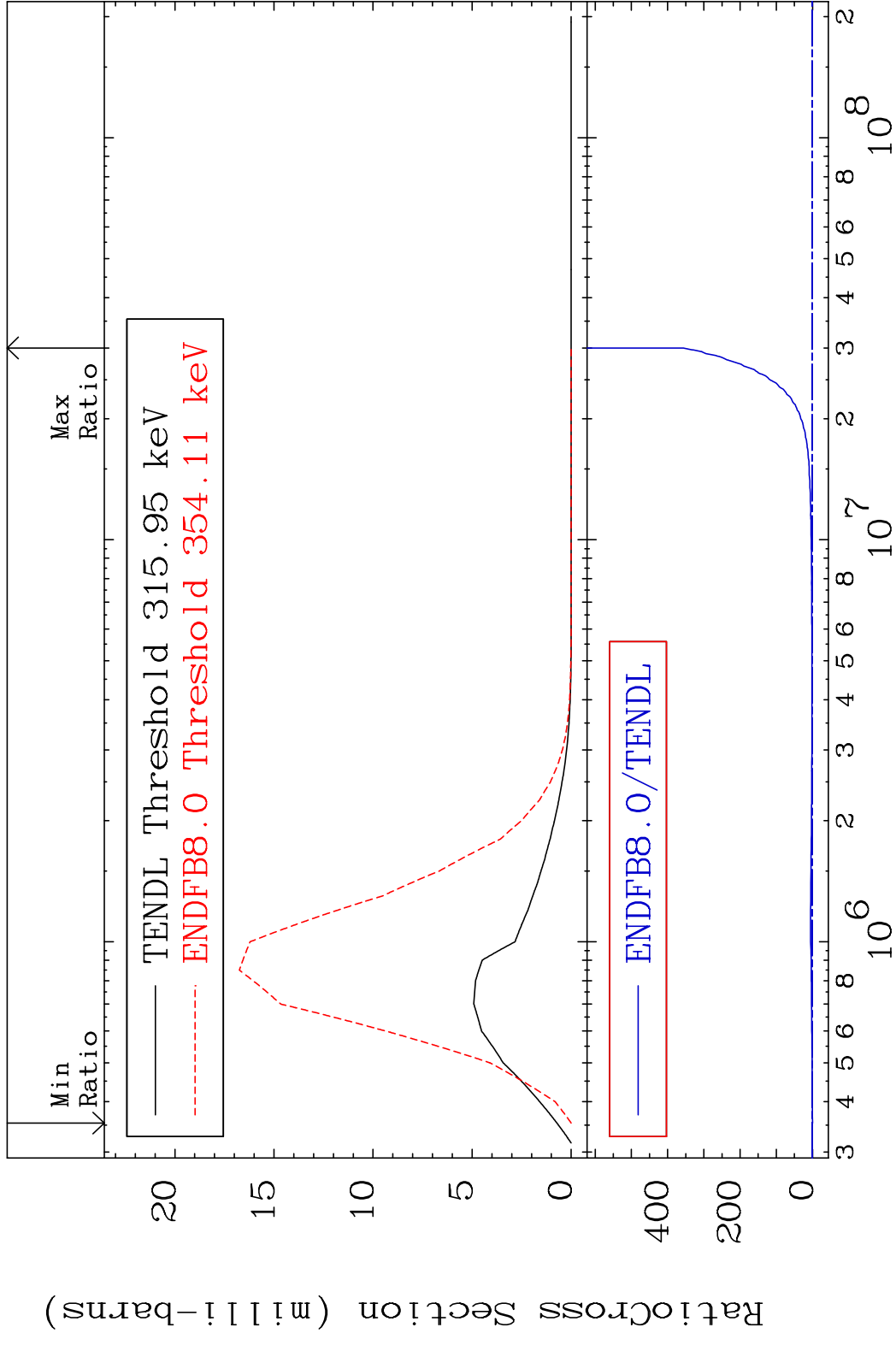
MAT 6922 MT= 73 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %



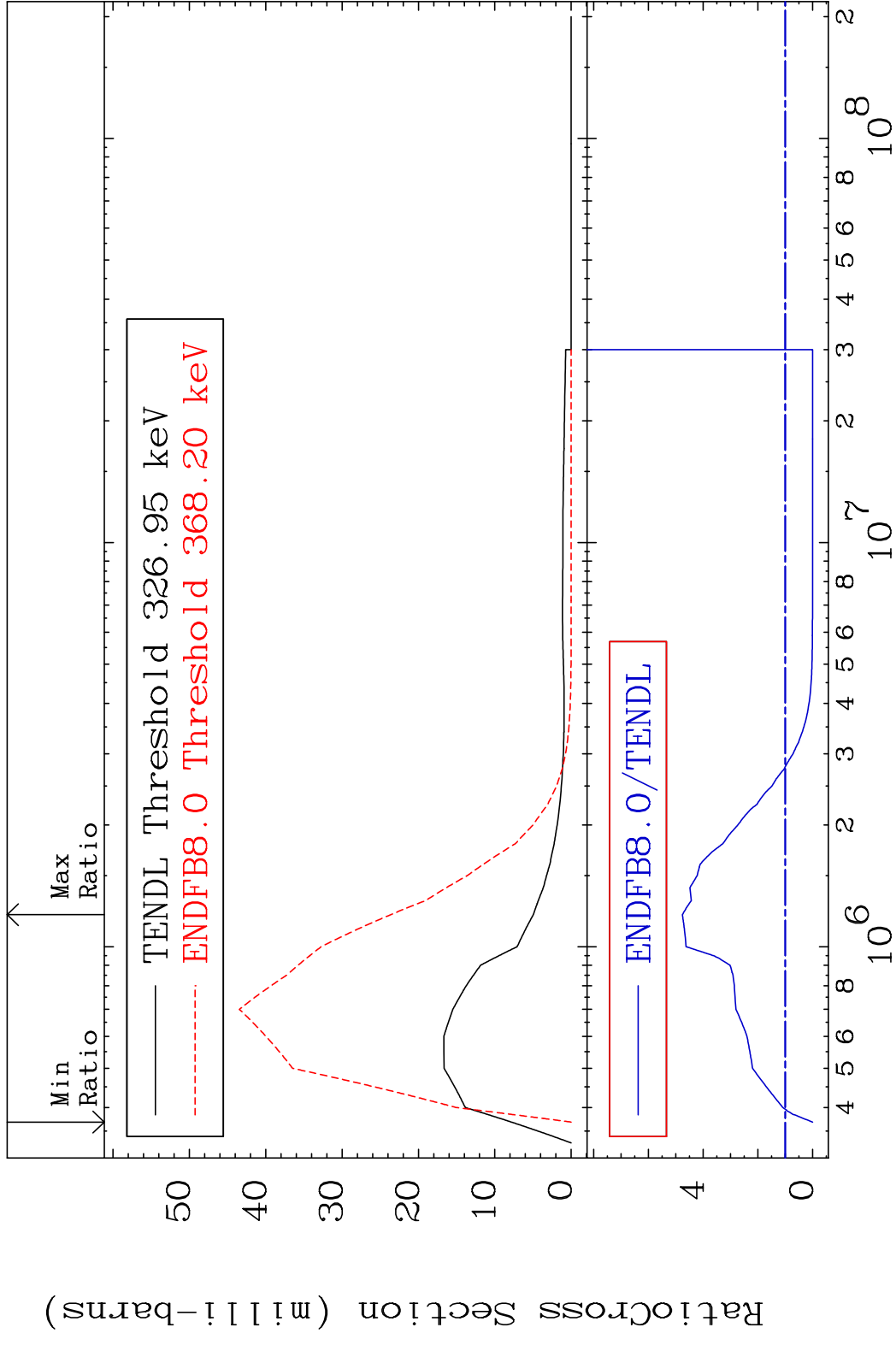
MAT 6922 MT= 74 (n,n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %



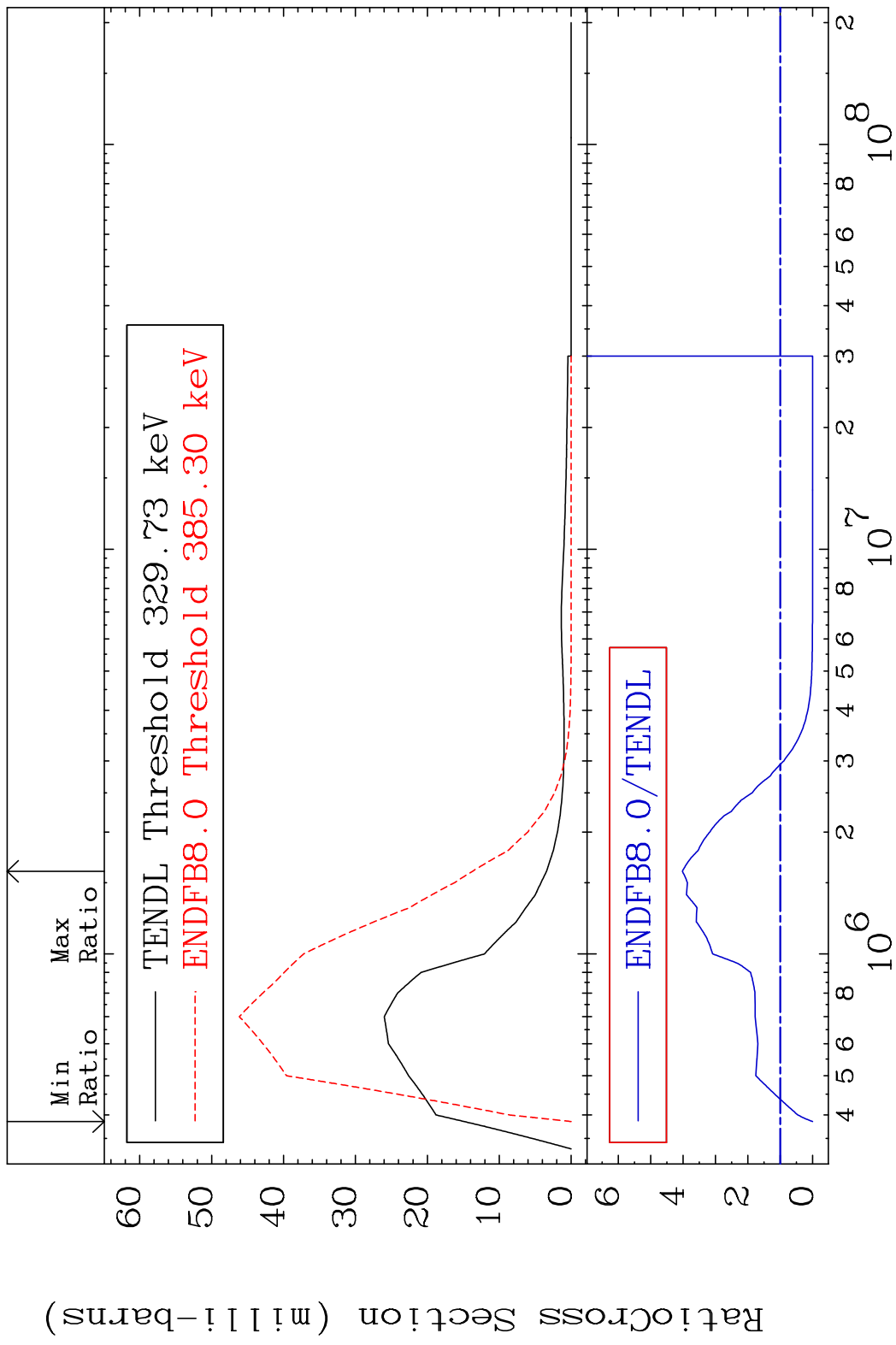
MAT 6922 MT= 75 (n,n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %



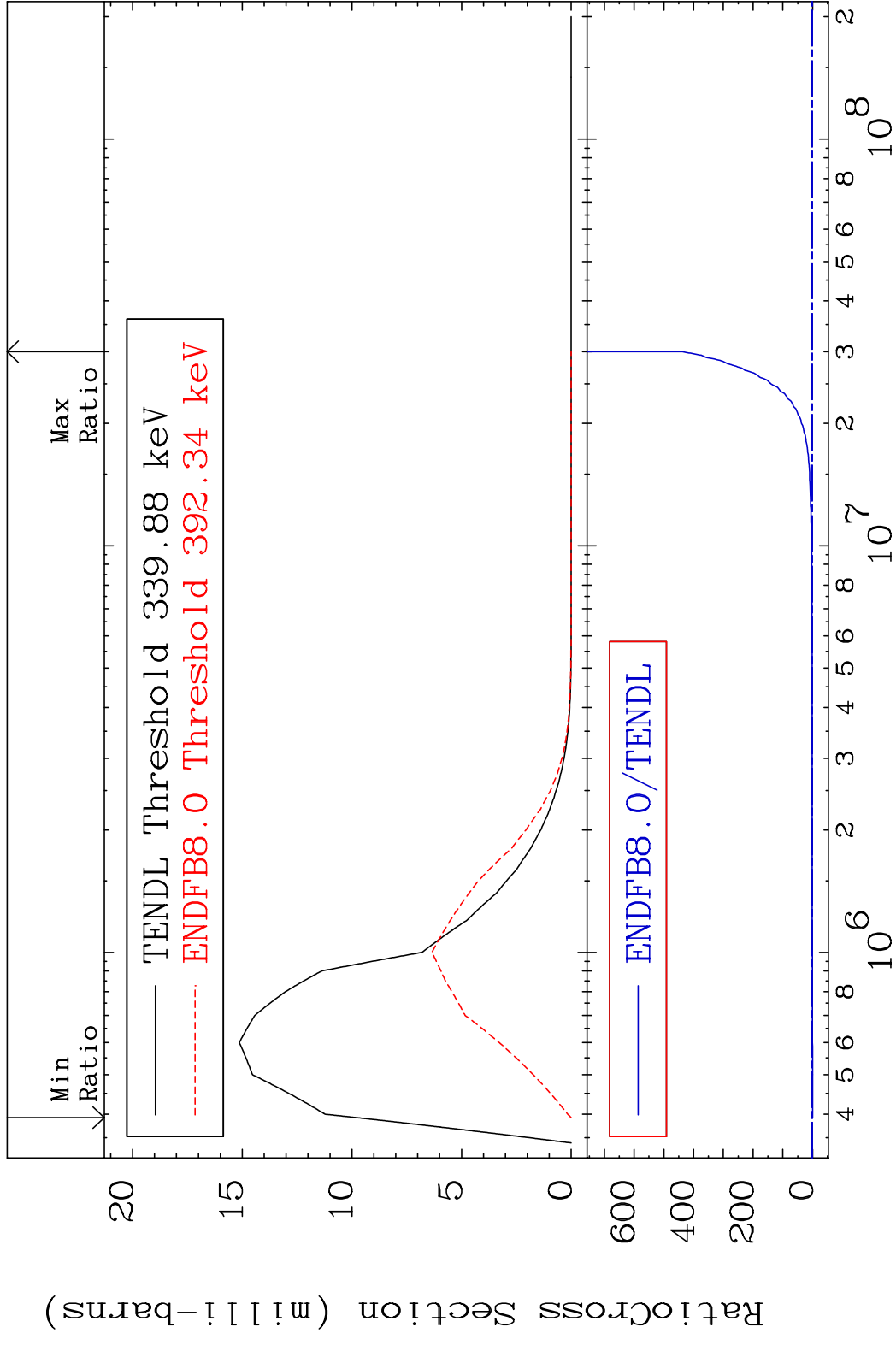
MAT 6922 MT= 76 (n,n') Level 69-Tm-168
 Cross Section -100.0 To 376.1 %



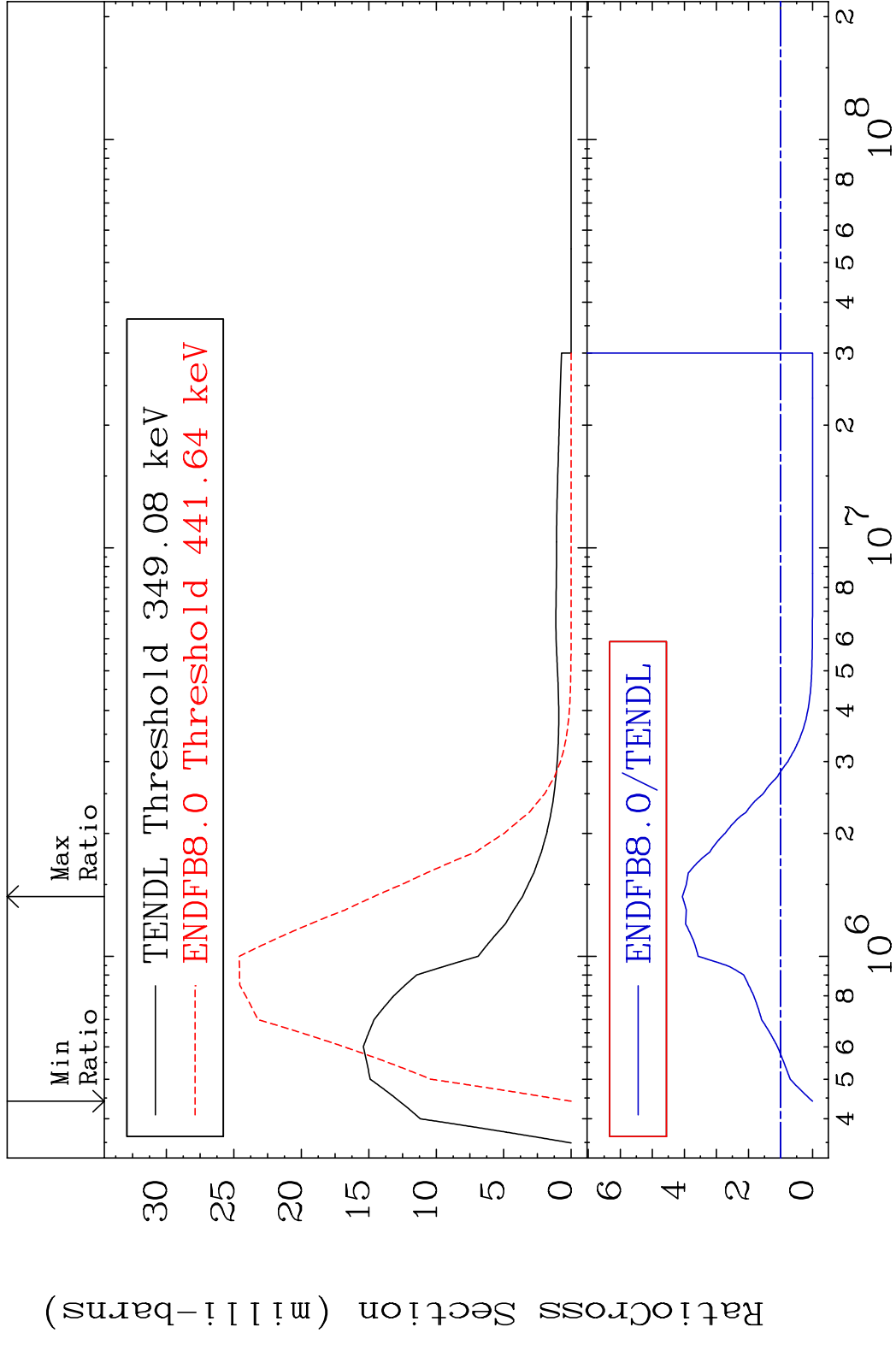
MAT 6922 MT= 77 (n,n') Level 69-Tm-168
 Cross Section -100.0 To 301.9 %



MAT 6922 MT= 78 (n,n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %

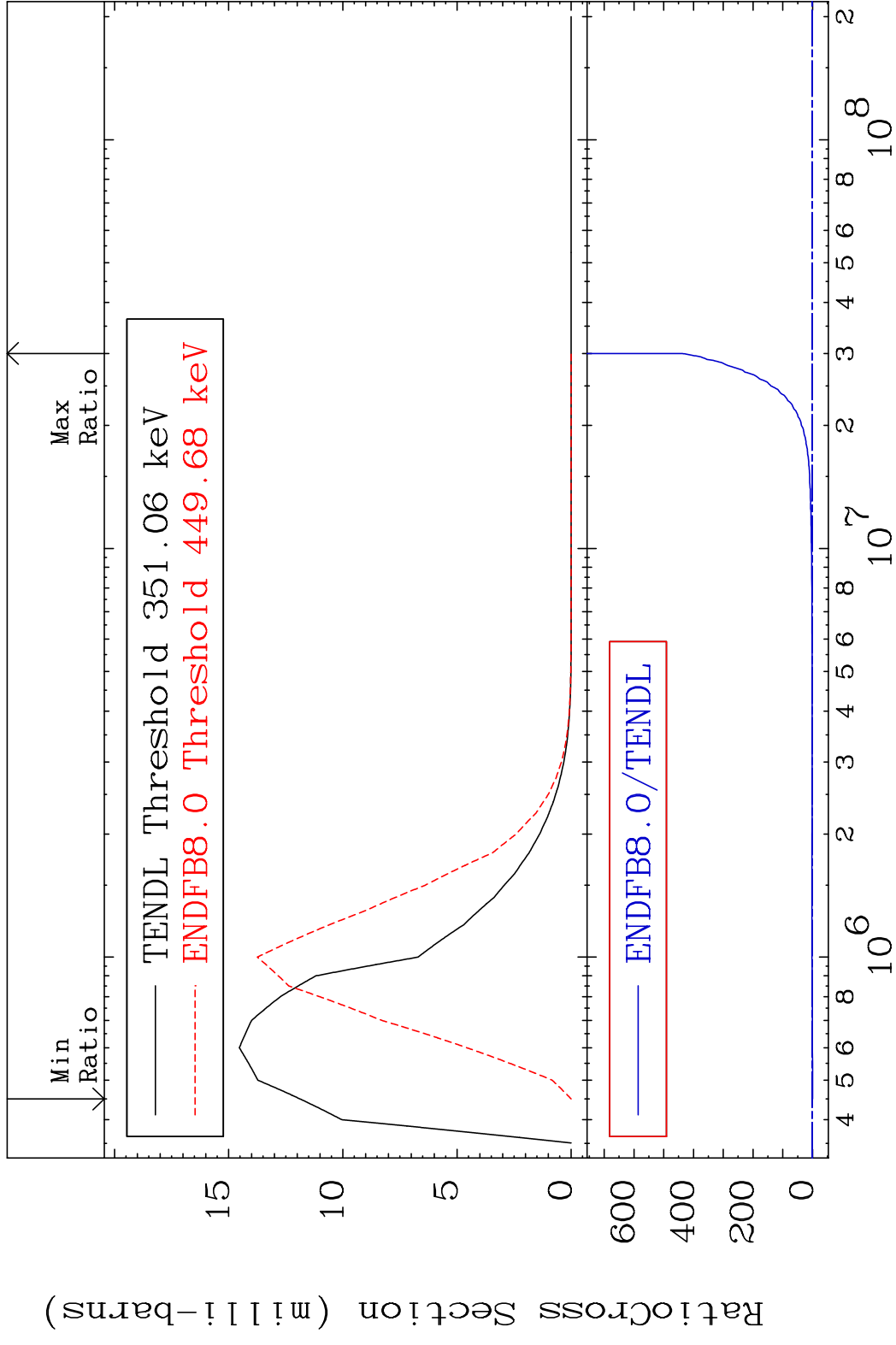


MAT 6922 MT= 79 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 306.3 %



40 Incident Energy (eV) 69-Tm-168

MAT 6922 MT= 80 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %

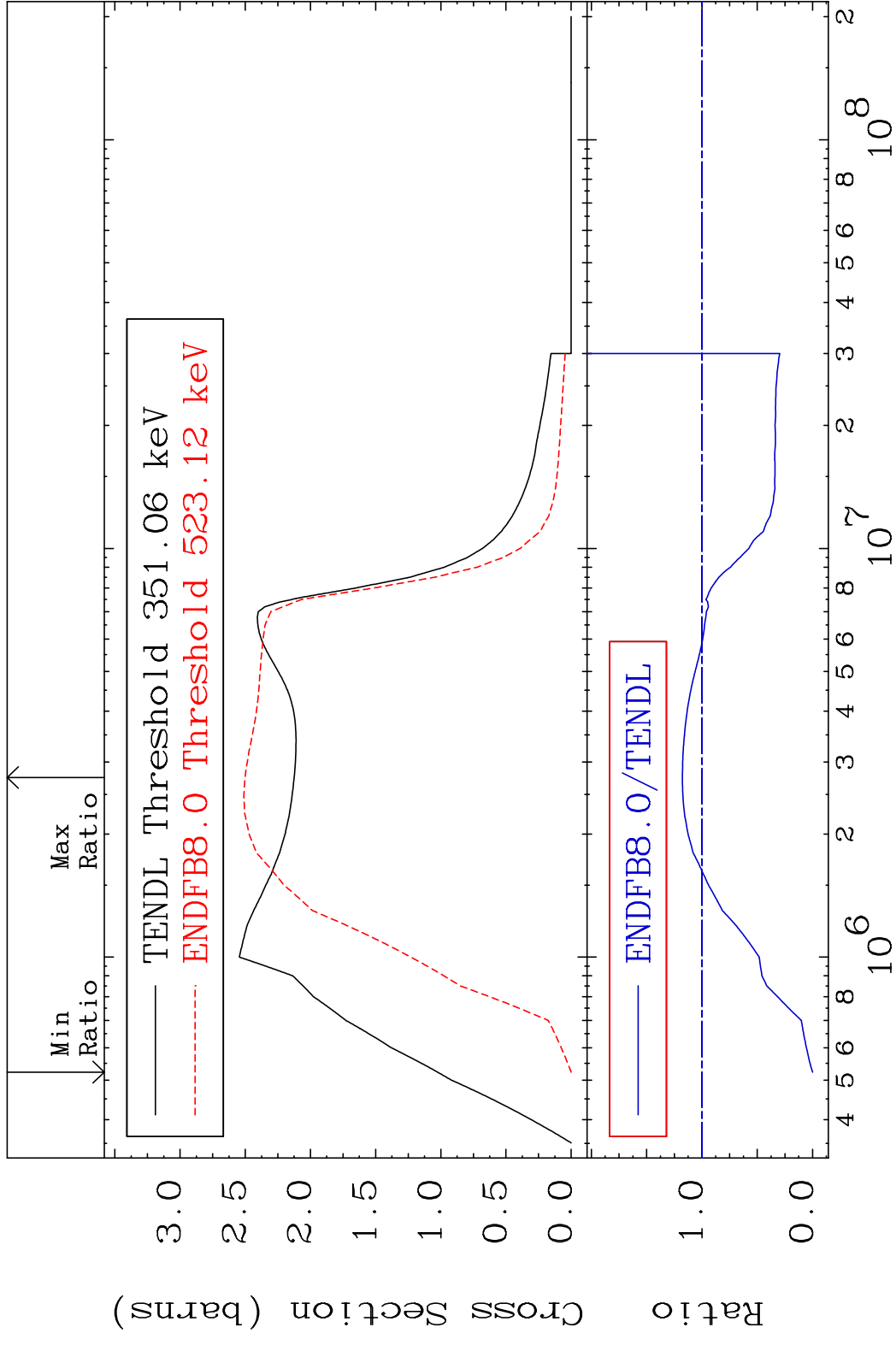


MAT 6922

(n, n') Continuum

69-Tm-168

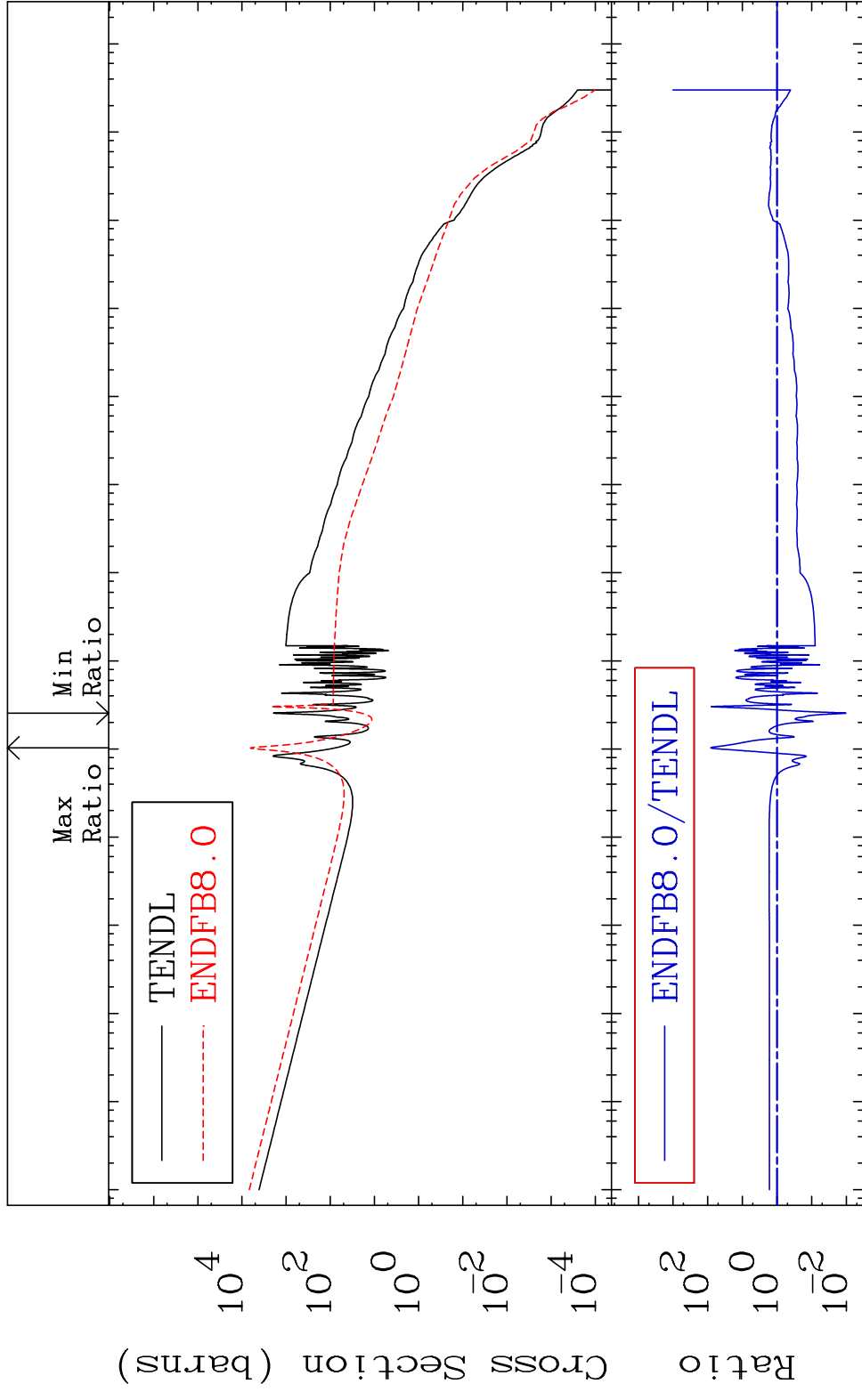
Cross Section -100.0 To 17.73 %



MAT 6922

69-Tm-168

(n, γ)
Cross Section -99.00 To 8110. %

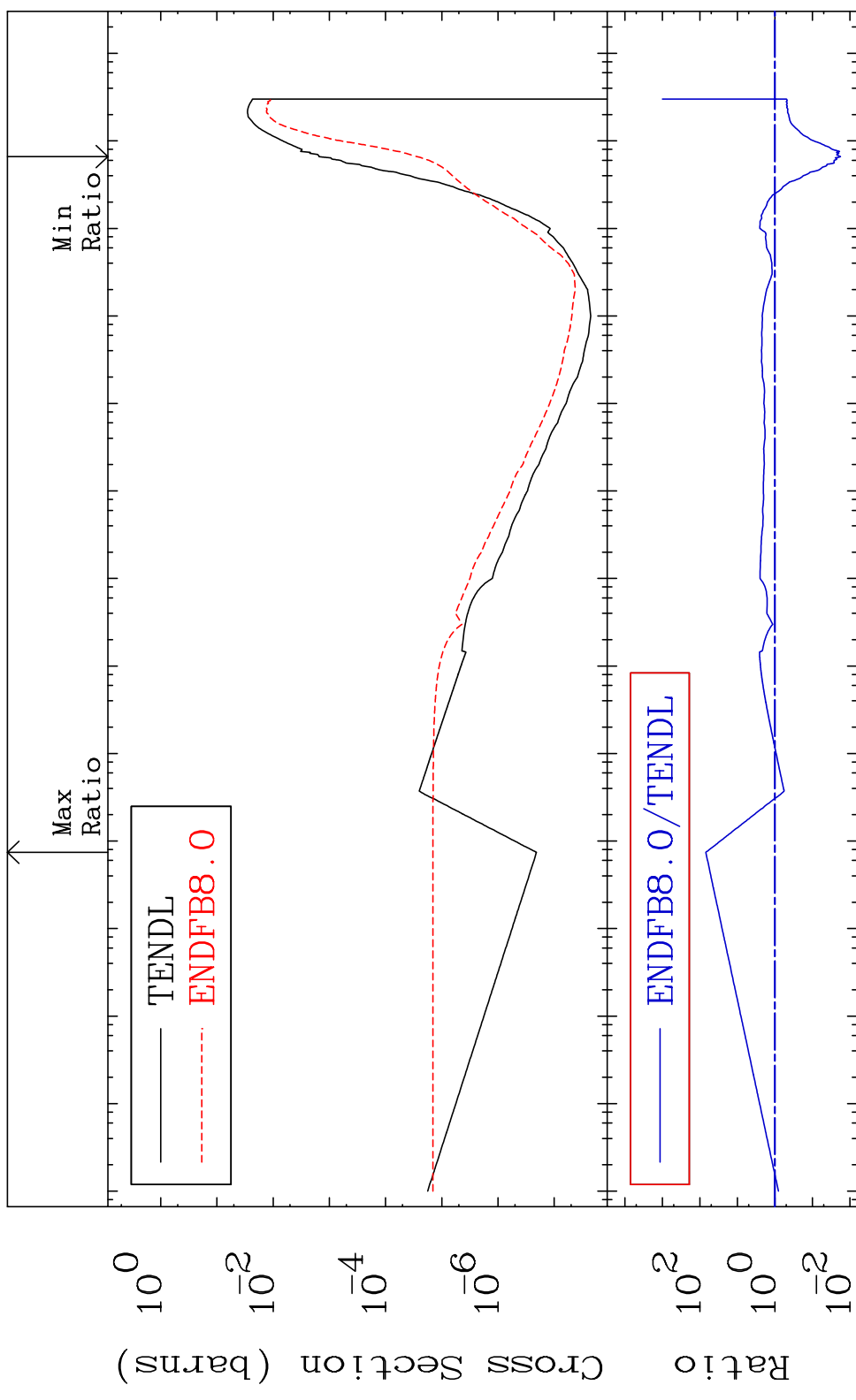


MAT 6922

(n, p)

69-Tm-168

Cross Section -98.21 To 6881. %

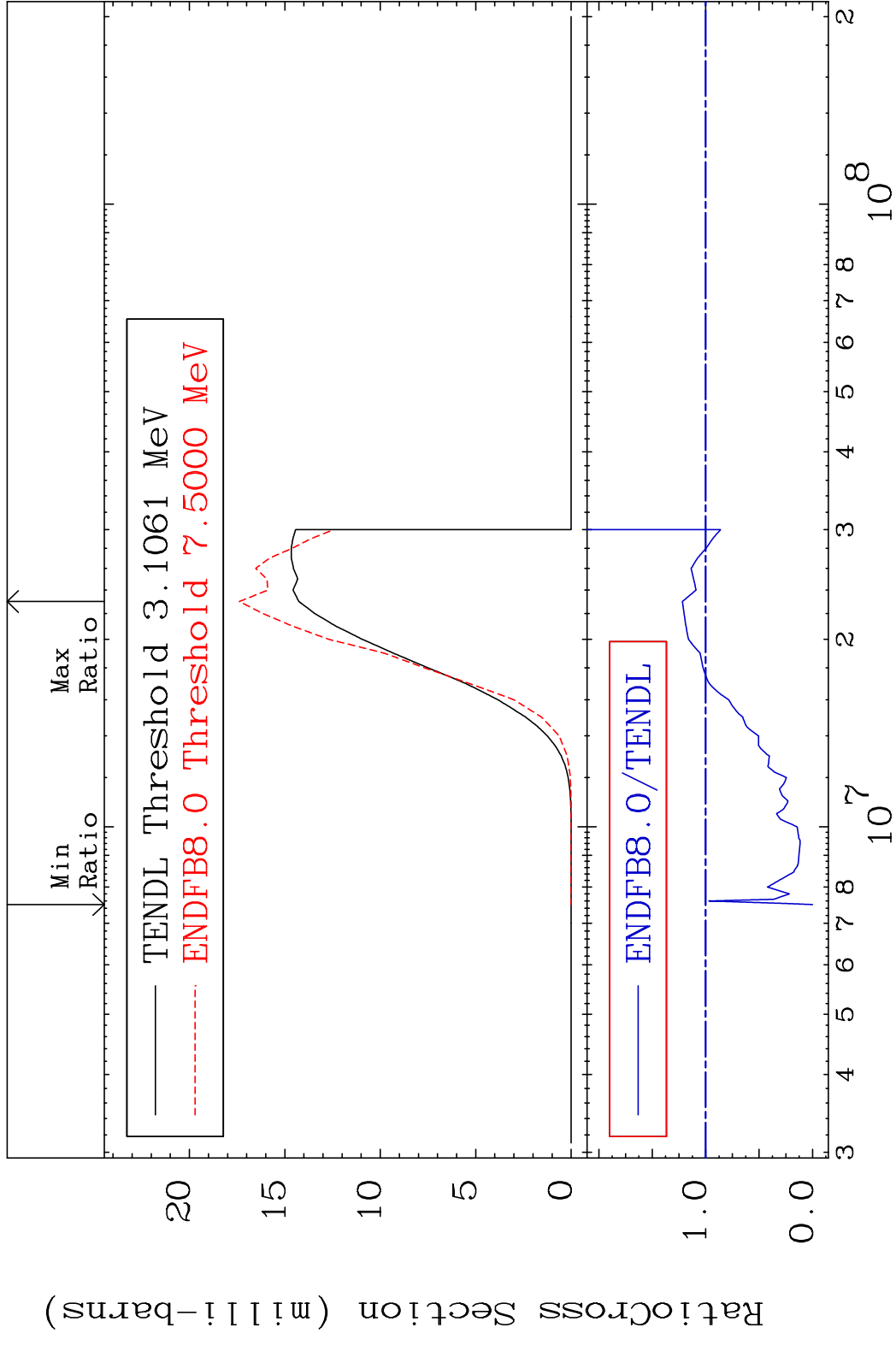


MAT 6922

69-Tm-168

(n, d)

Cross Section -100.0 To 21.85 %



45

Incident Energy (eV)

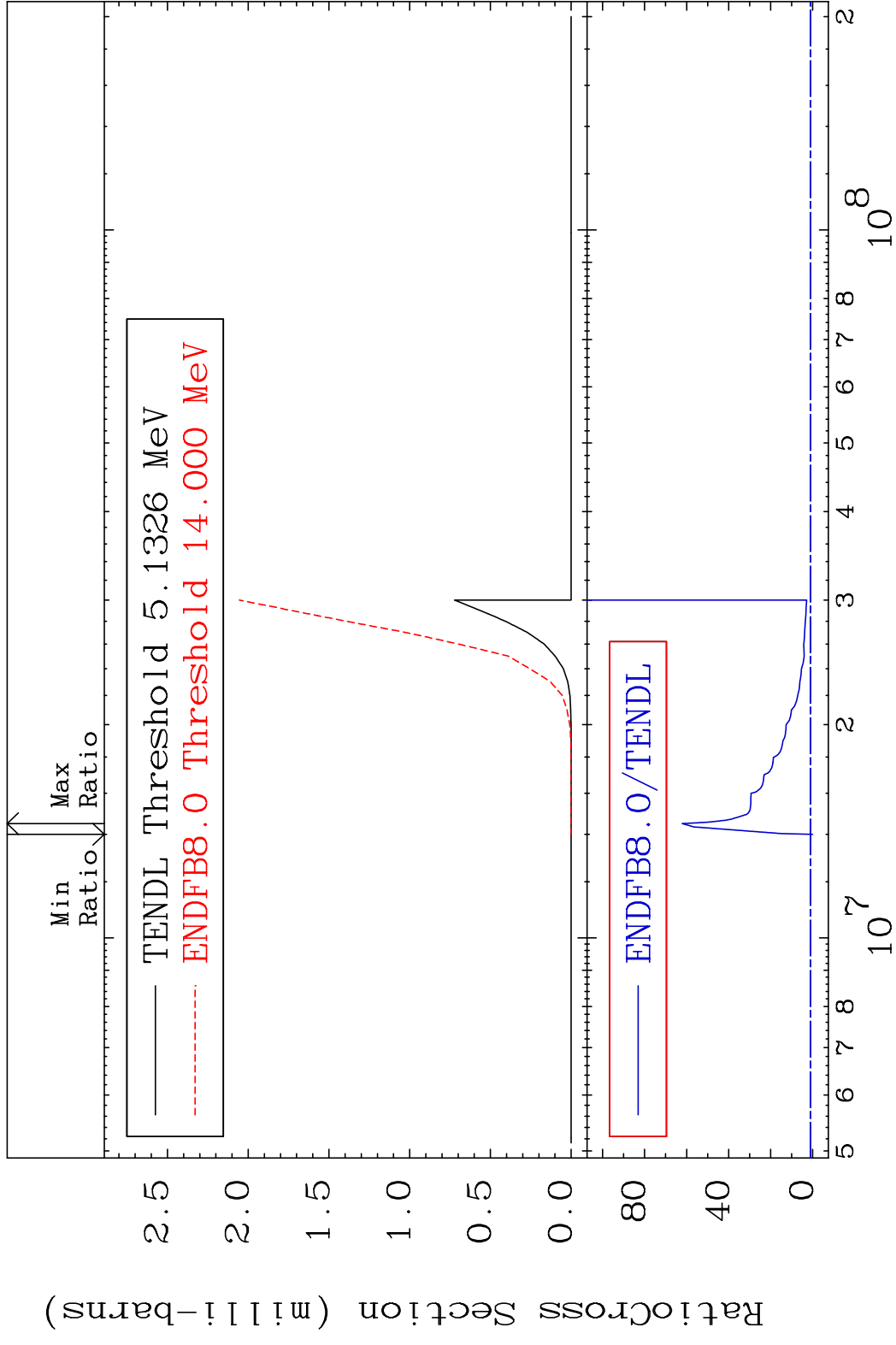
69-Tm-168

MAT 6922

(n, He-3)

69-Tm-168

Cross Section -100.0 To 6103. %



46

Incident Energy (eV)

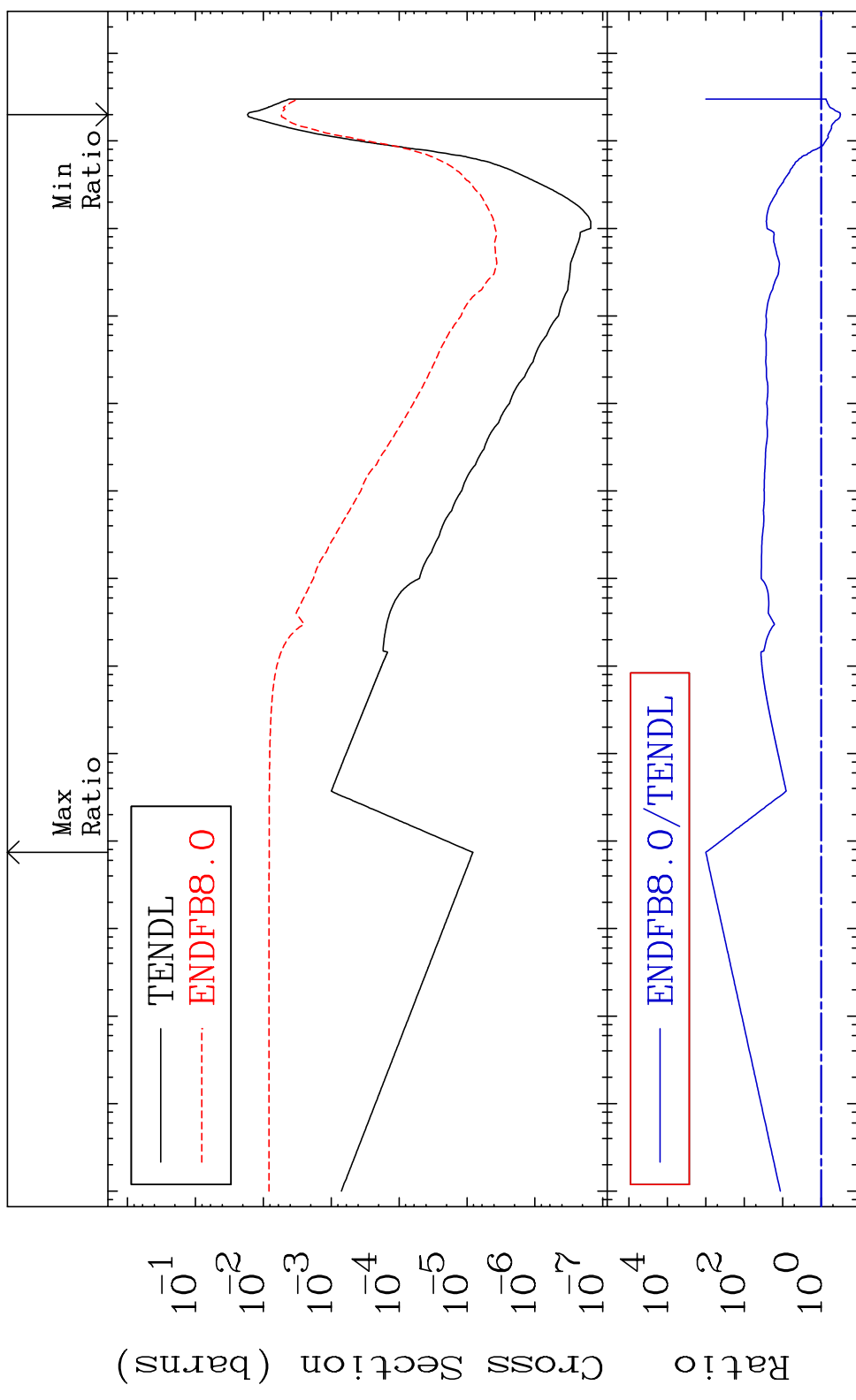
69-Tm-168

MAT 6922

(n, α)

69-Tm-168

Cross Section -68.25 To 9999. %



47

Incident Energy (eV)

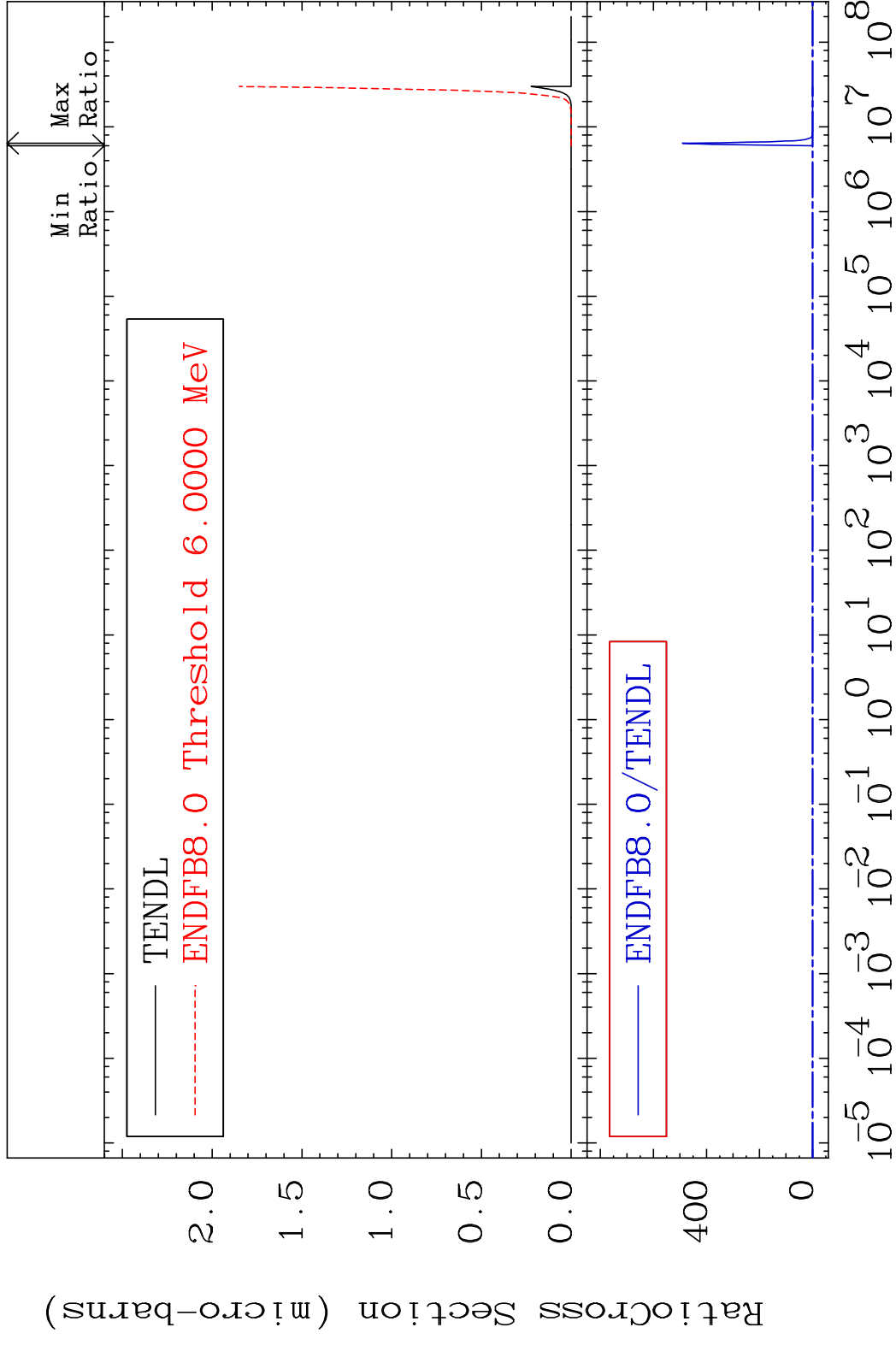
69-Tm-168

MAT 6922

(n,p) α

69-Tm-168

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

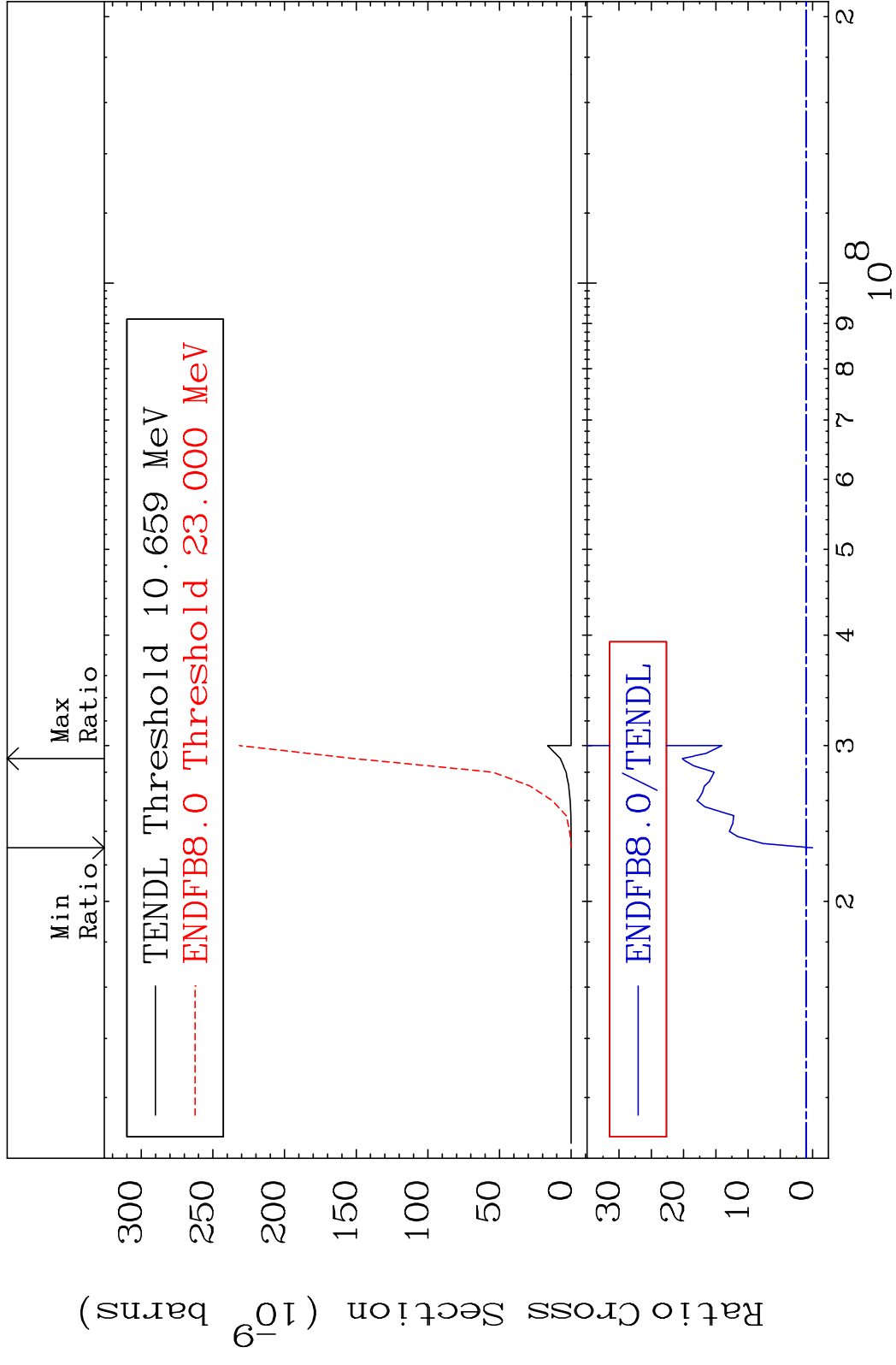
69-Tm-168

MAT 6922

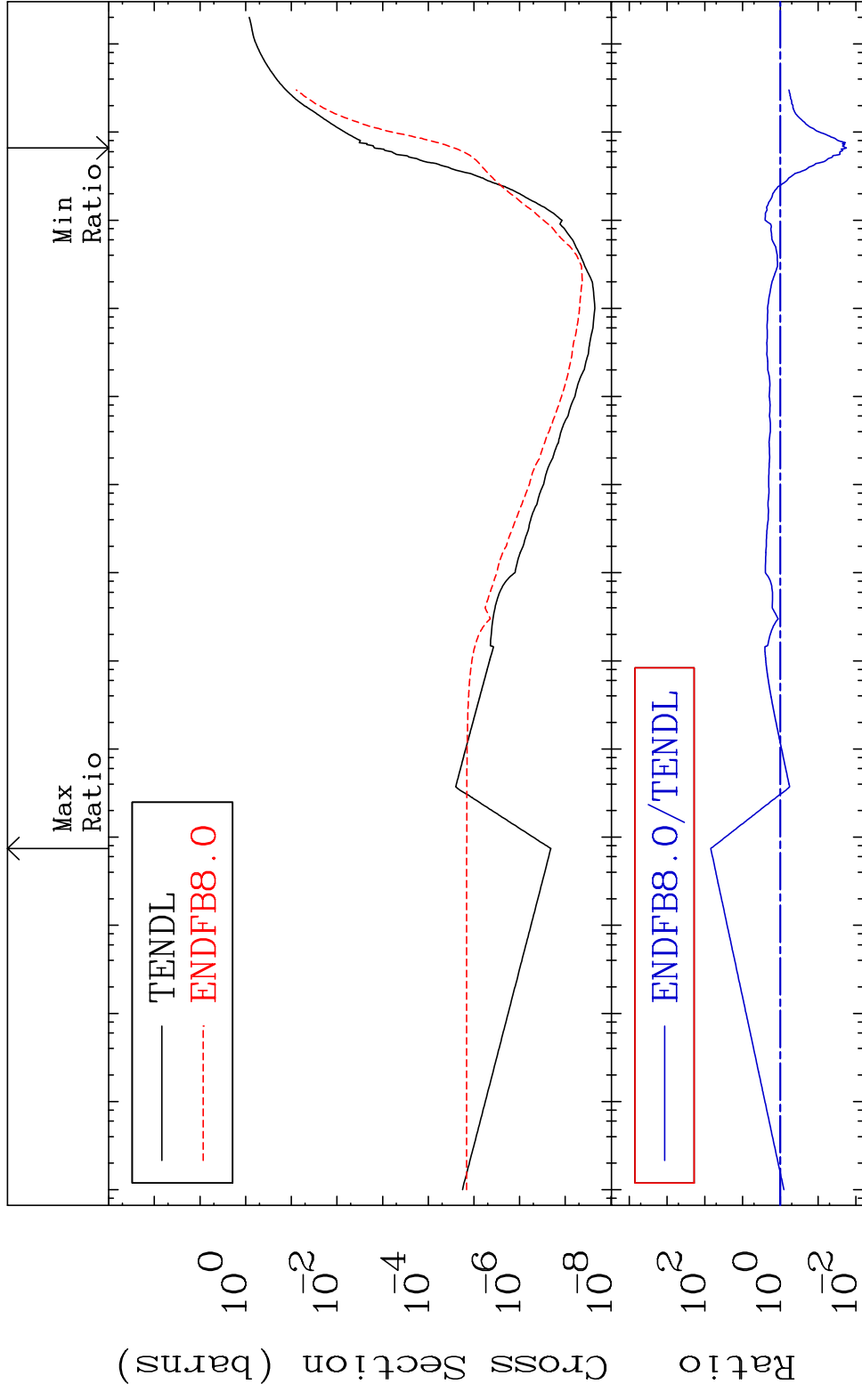
(n,p) d

69-Tm-168

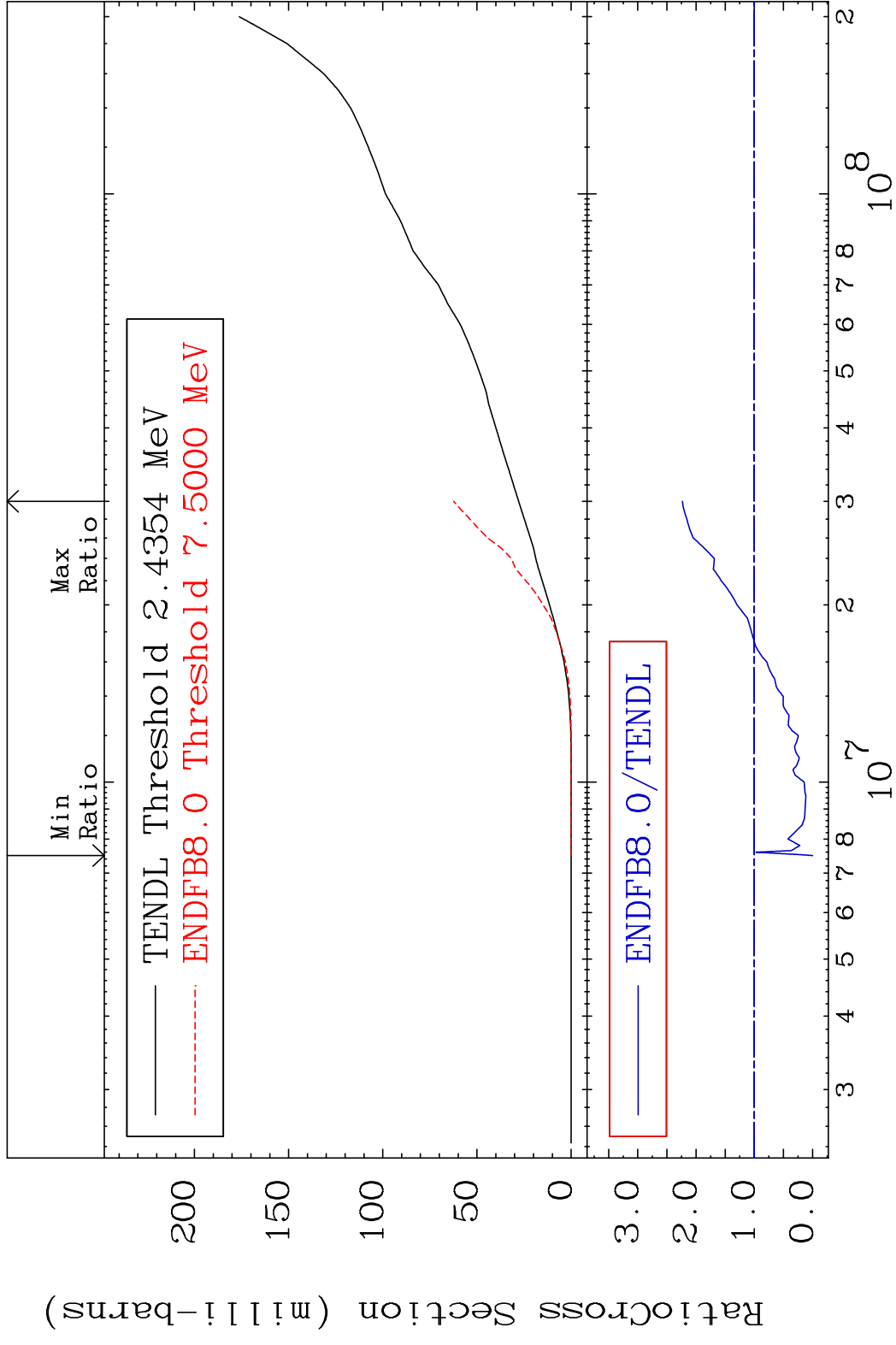
Cross Section -100.0 To 1919. %



MAT 6922 Hydrogen Production 69-Tm-168
 Cross Section -98.21 To 6881. %



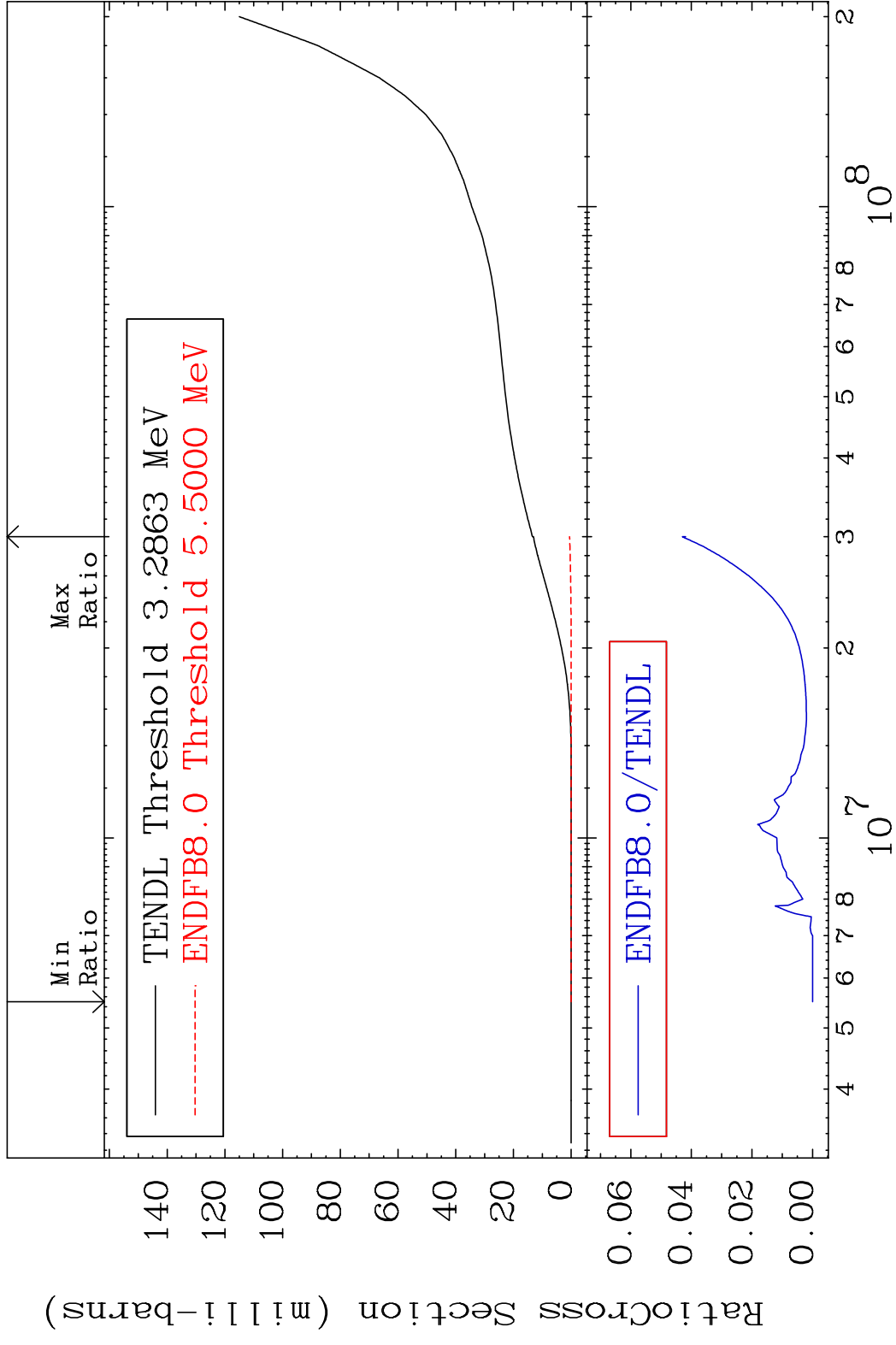
50 Incident Energy (eV) 69-Tm-168



MAT 6922

Tritium Production 69-Tm-168

Cross Section -100.0 To -95.70%

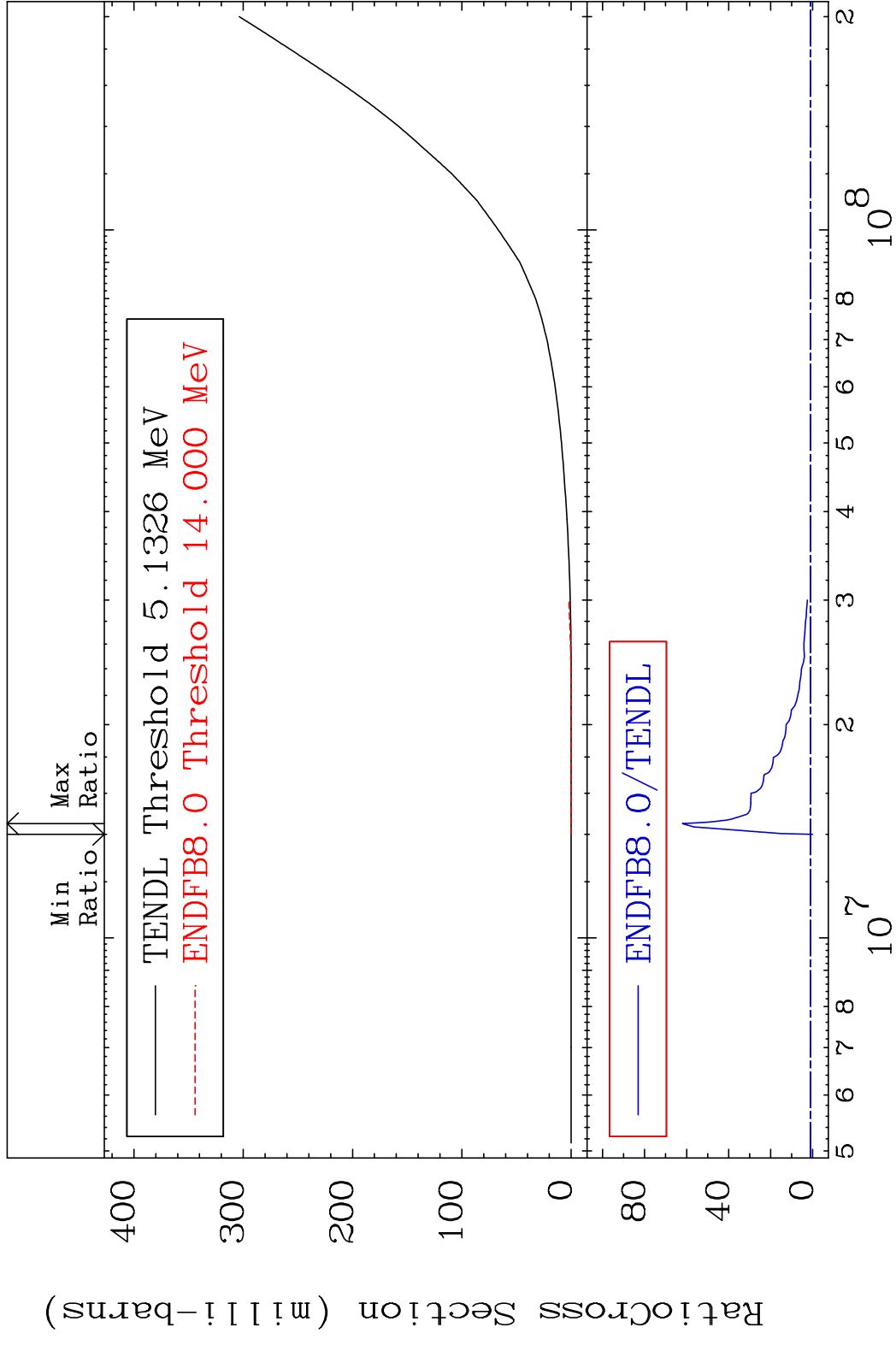


MAT 6922

He-3 Production

69-Tm-168

Cross Section -100.0 To 6103. %



53

Incident Energy (eV)

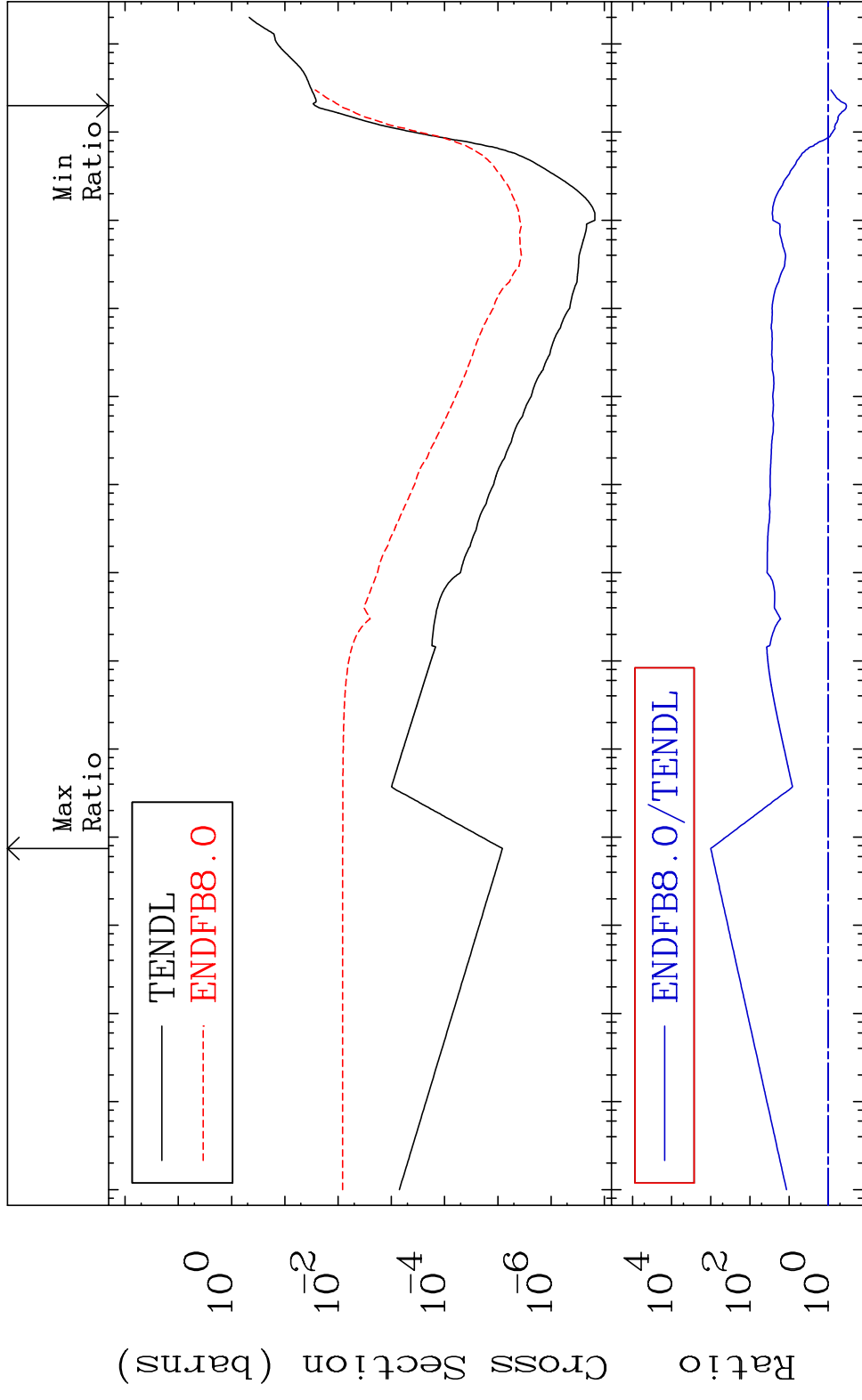
69-Tm-168

MAT 6922

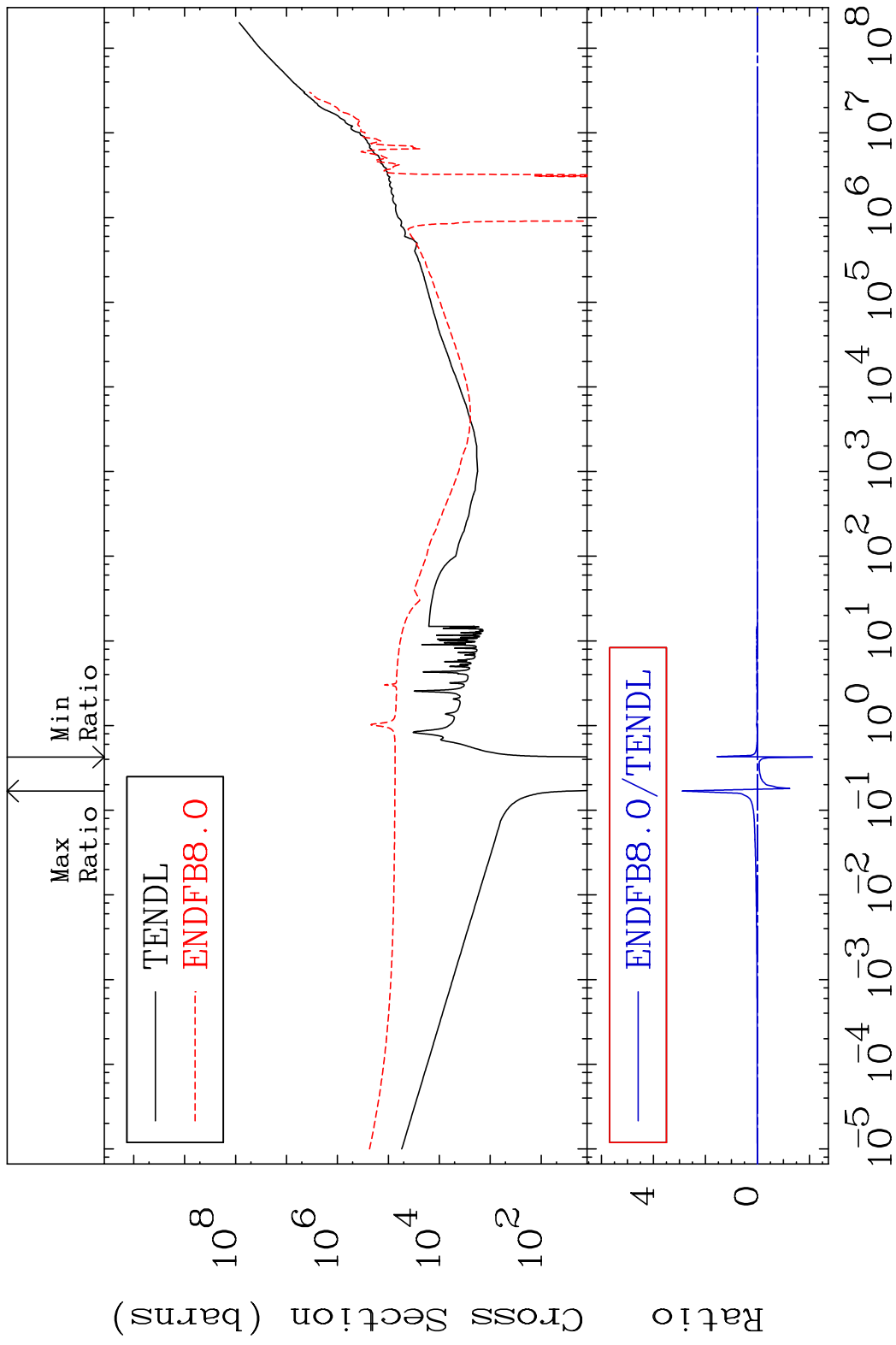
He-4 Production

69-Tm-168

Cross Section -65.67 To 9999. %



MAT 6922 Kerma total (eV-barns) 69-Tm-168
 Cross Section -9999. To 9999. %

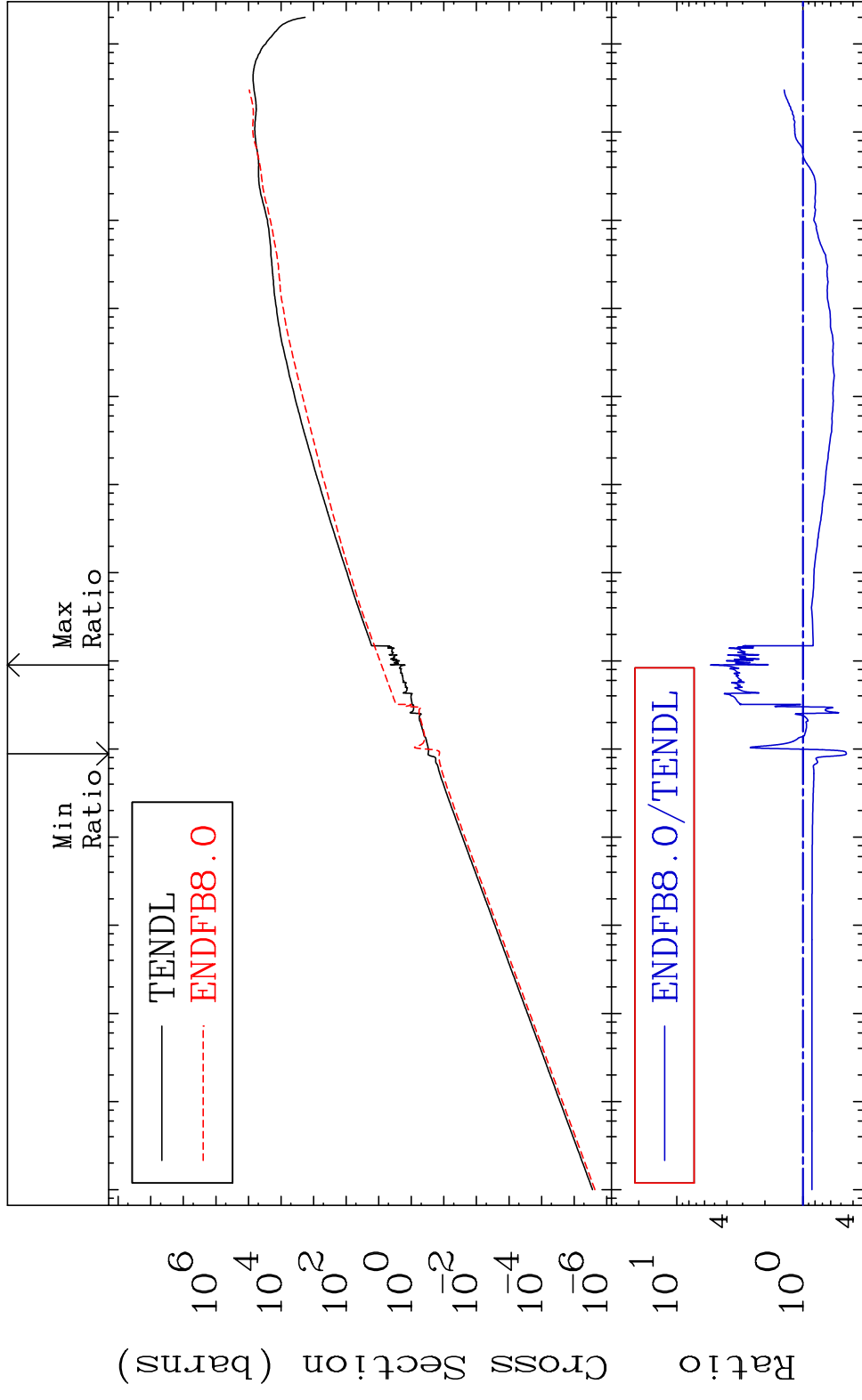


55 Incident Energy (eV) 69-Tm-168

MAT 6922

Kerma elastic
Cross Section -54.80 To 437.4 %

69-Tm-168

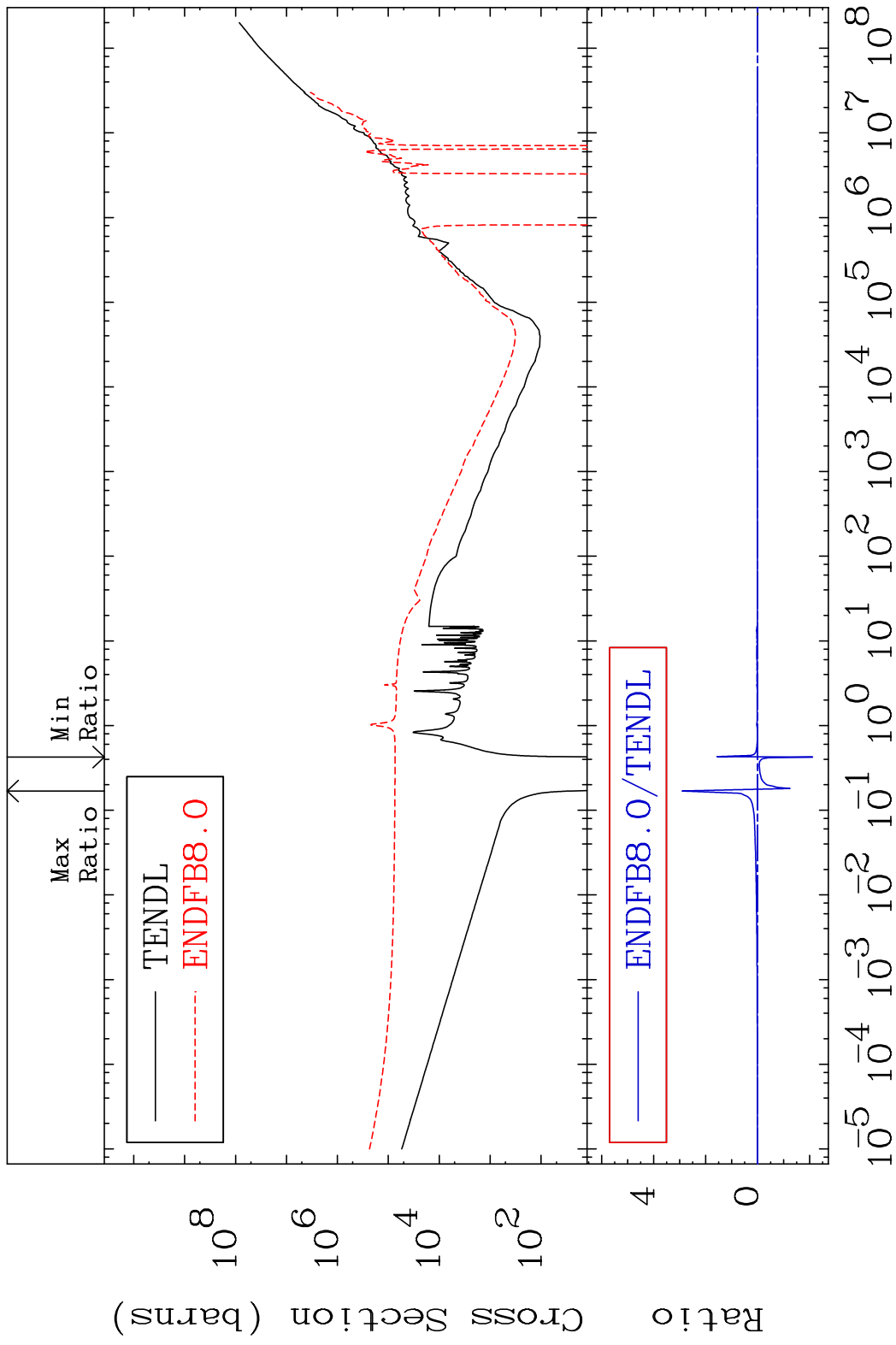


56

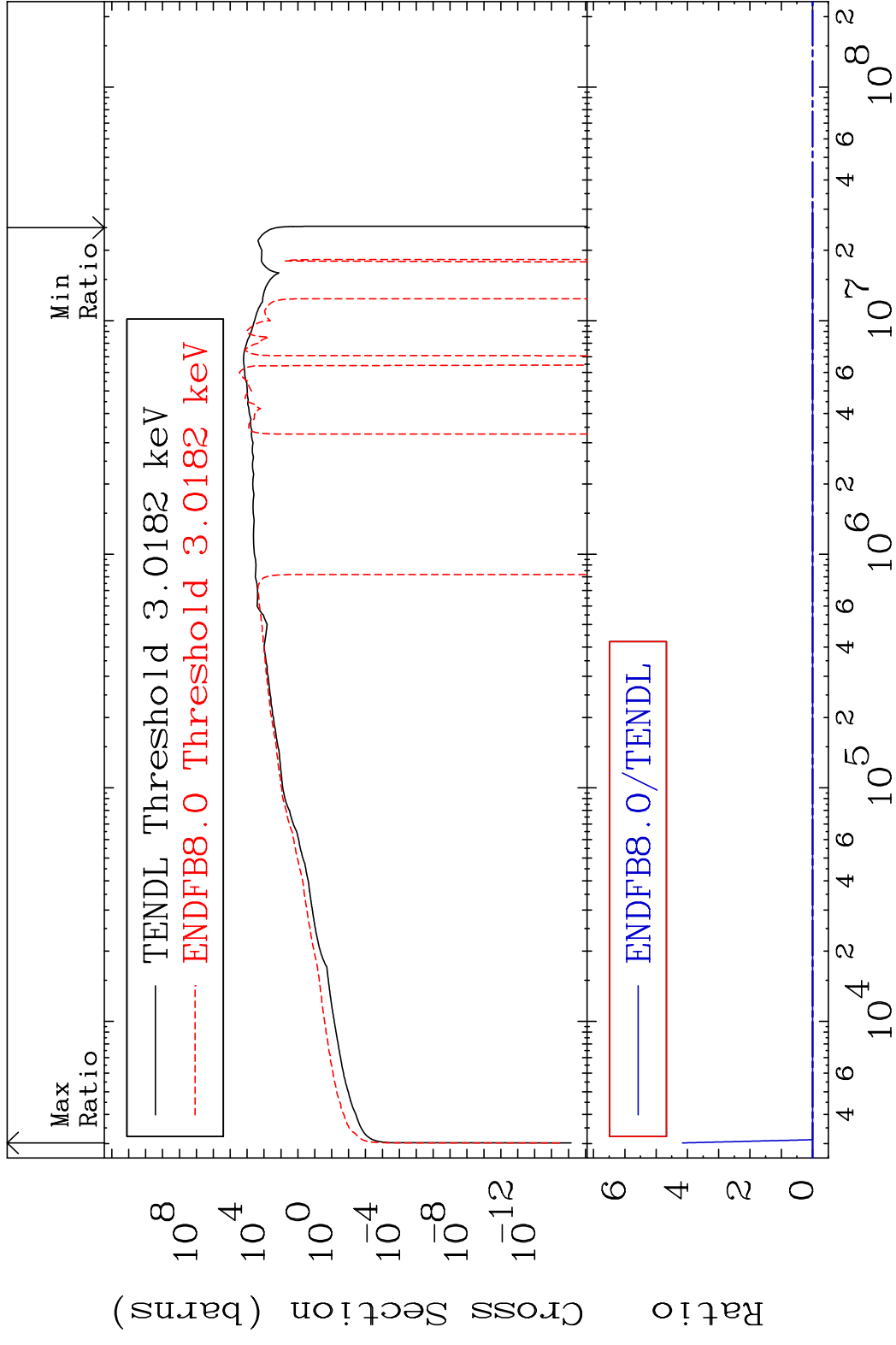
Incident Energy (eV)

69-Tm-168

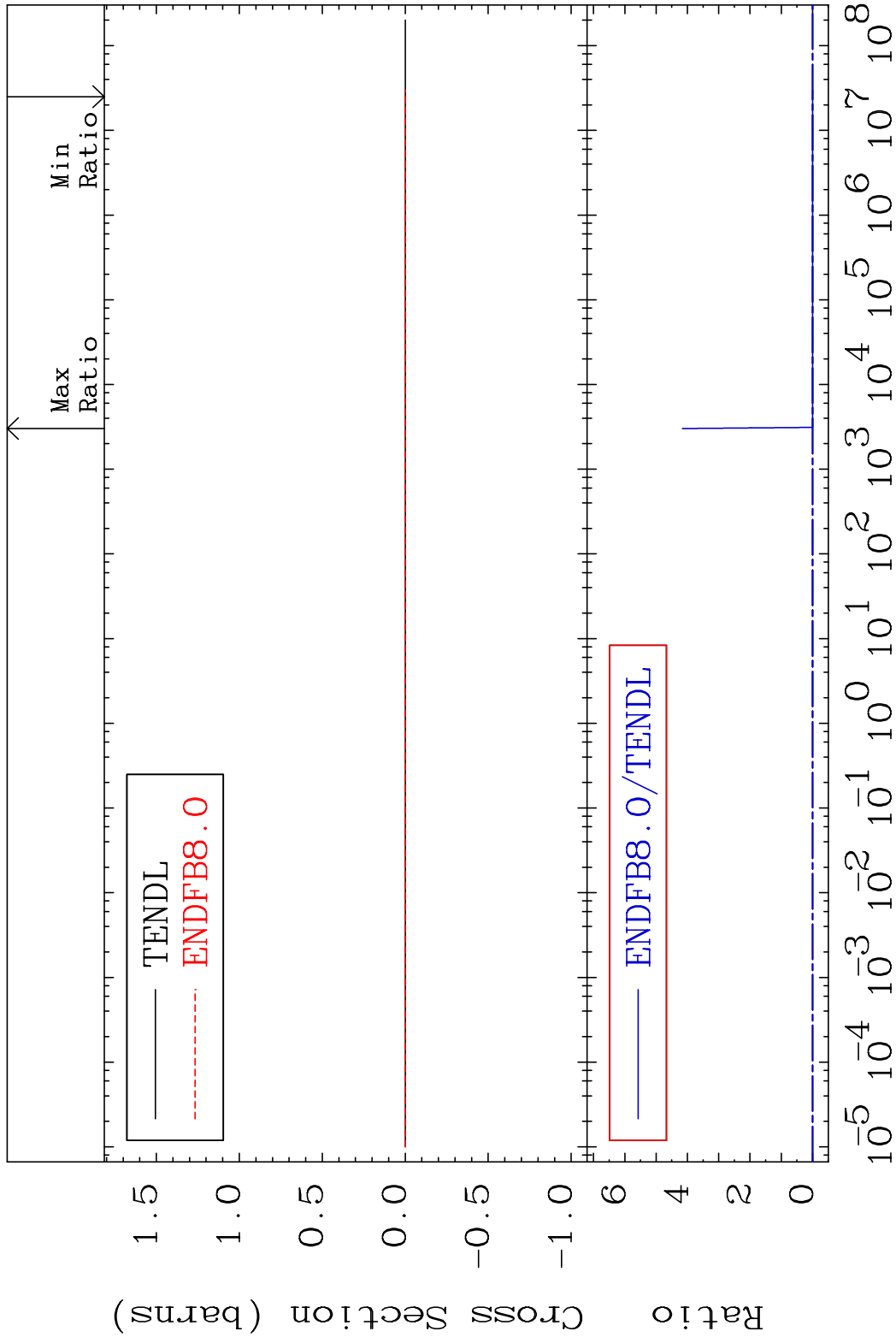
MAT 6922 Kerma non-elastic (all but mt2) 69-Tm-168
 Cross Section -9999. To 9999. %



MAT 6922 Kerma inelastic (mt51-91) 69-Tm-168
 Cross Section -811.8 To 9999. %

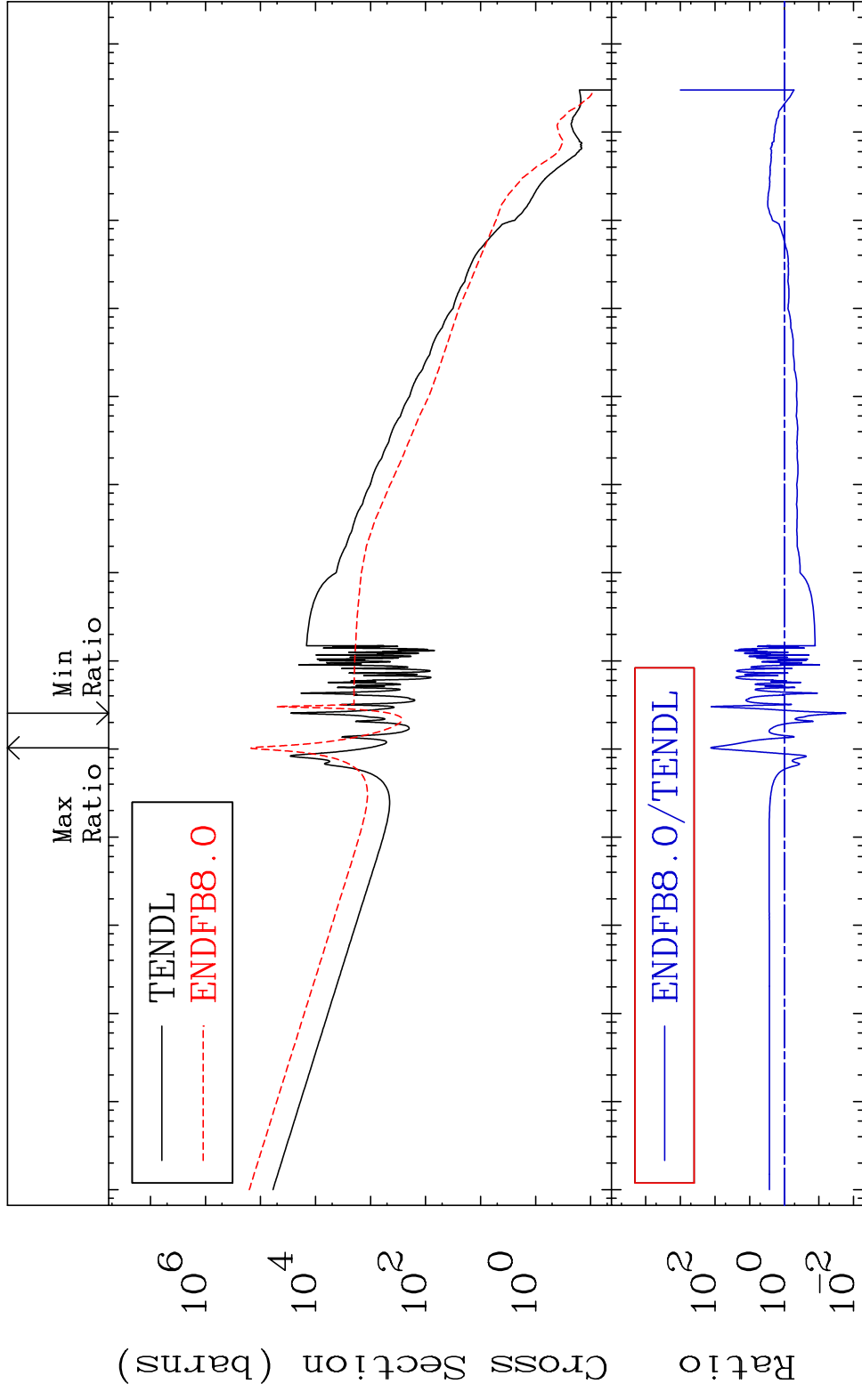


MAT 6922 Kerma fission (mt18 or mt19-20-21-38) 69-Tm-168
 Cross Section -811.8 To 9999. %



MAT 6922

Kerma capture (mt102) 69-Tm-168
Cross Section -98.38 To 9999. %



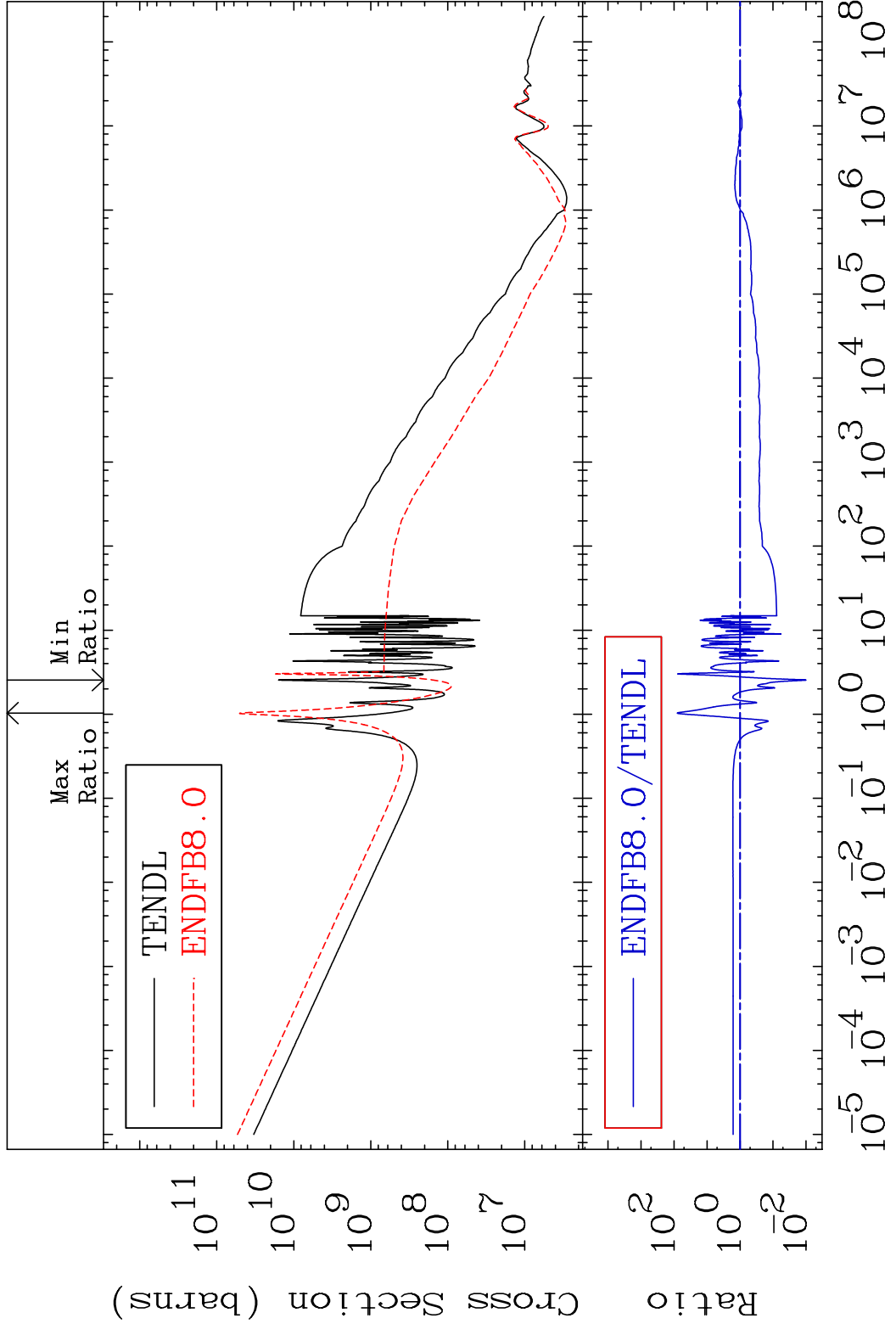
60

Incident Energy (eV)

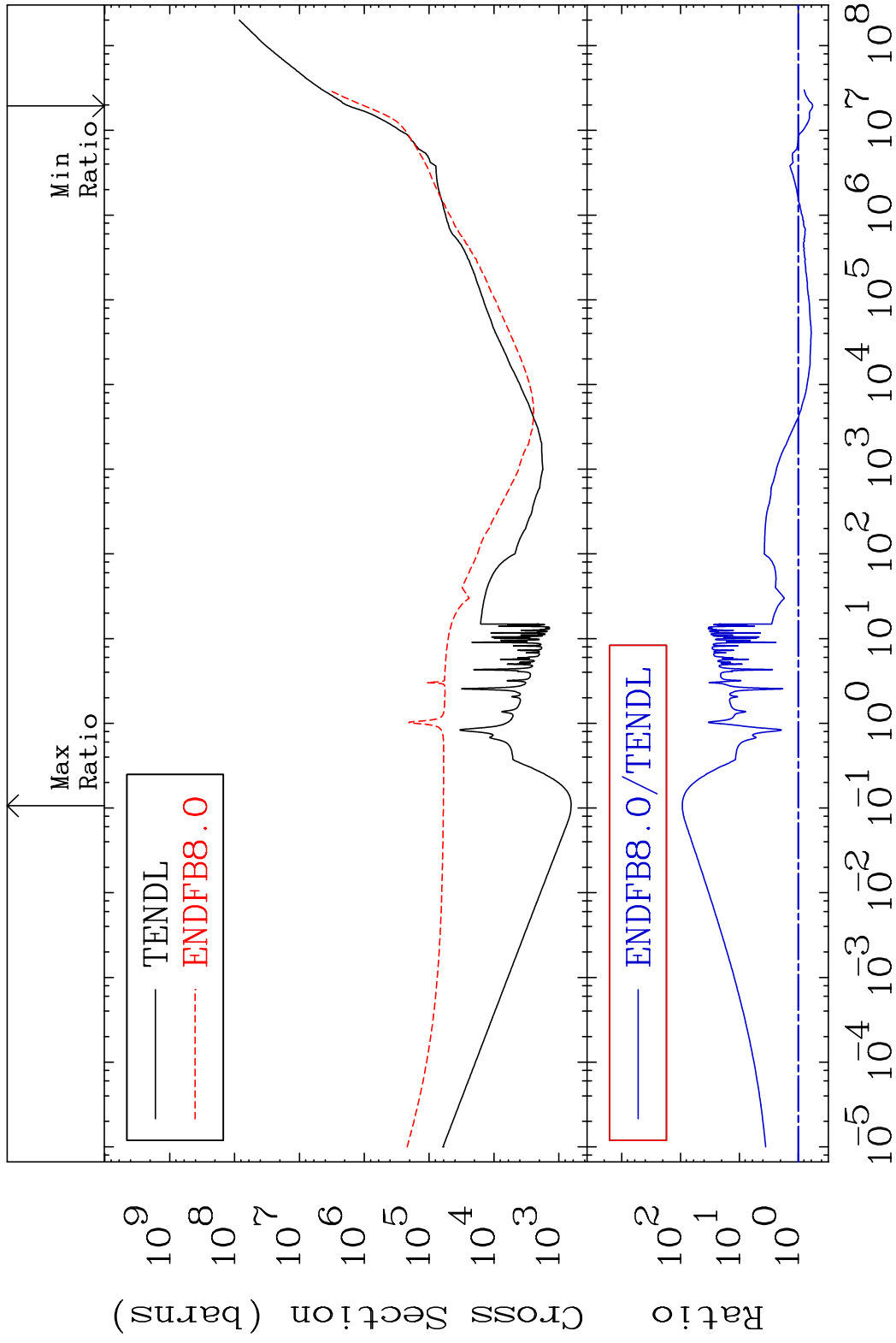
69-Tm-168

MAT 6922

Total photon (eV-barns) 69-Tm-168
Cross Section -99.02 To 7918. %



MAT 6922 Total kinematic kerma (high limit) 69-Tm-168
 Cross Section -43.00 To 9231. %

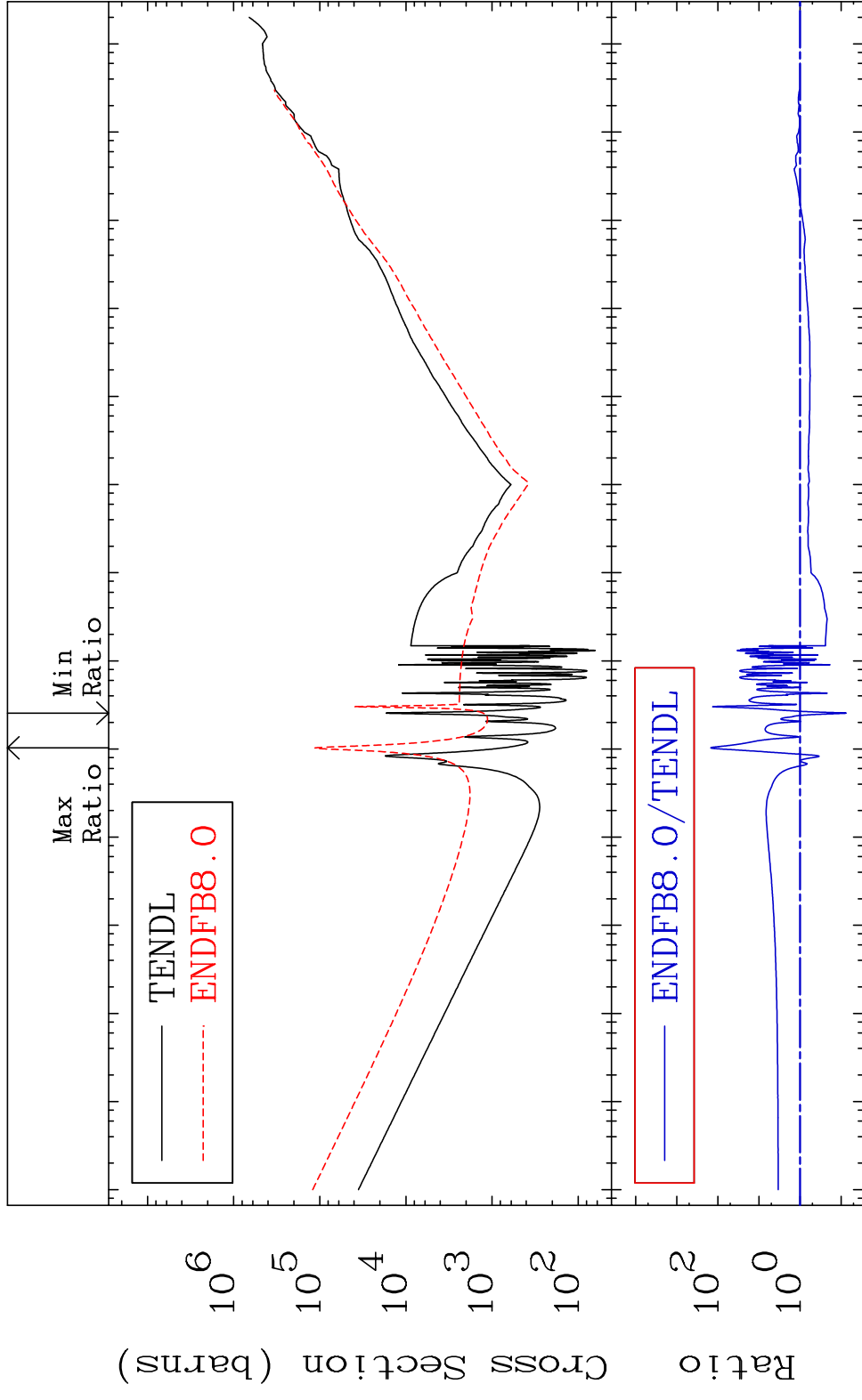


MAT 6922

Dpa total (eV-barns)

69-Tm-168

Cross Section -92.52 To 9999. %



63

Incident Energy (eV)

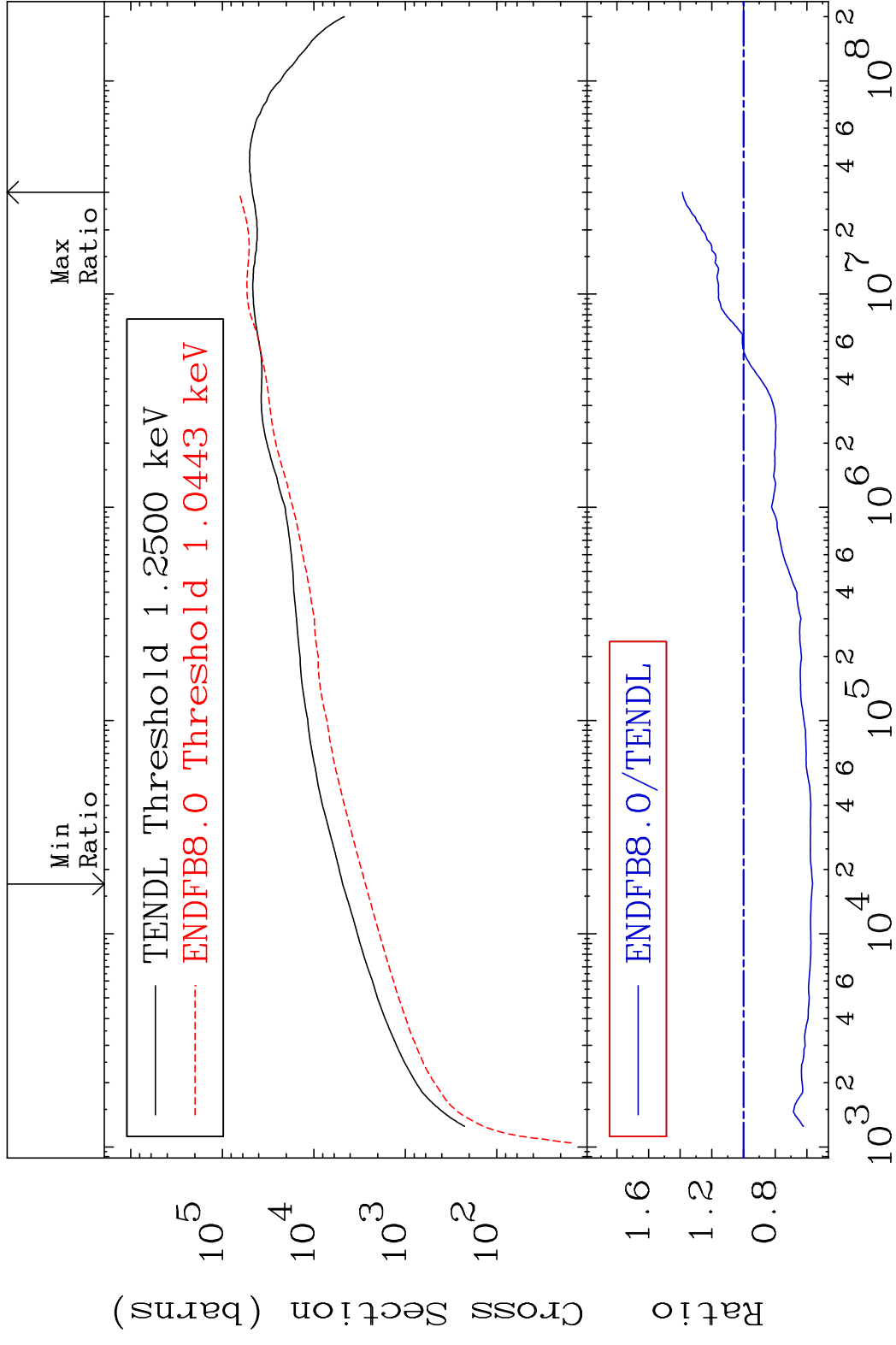
69-Tm-168

MAT 6922

Dpa elastic (mt2)

69-Tm-168

Cross Section -43.63 To 38.64 %

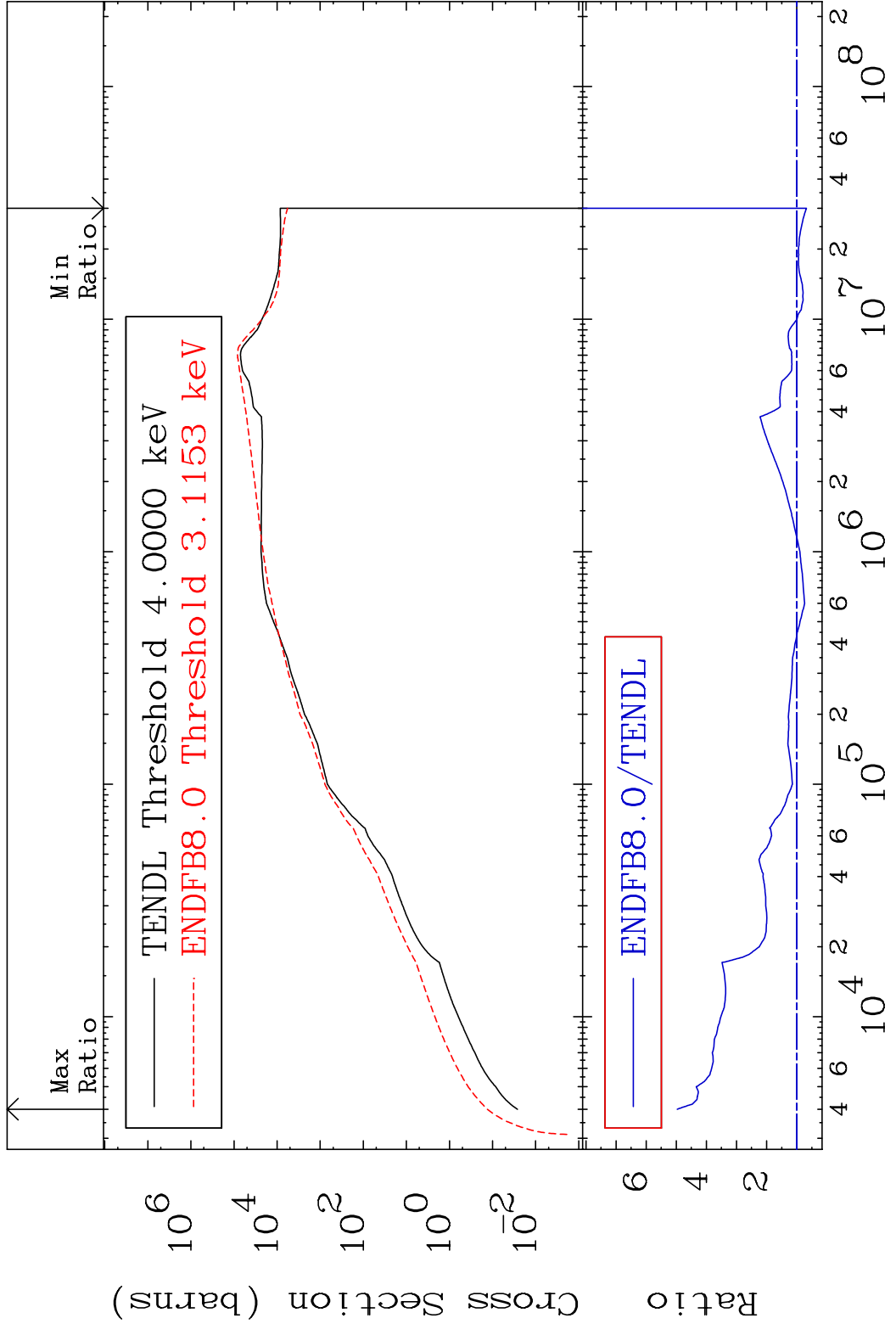


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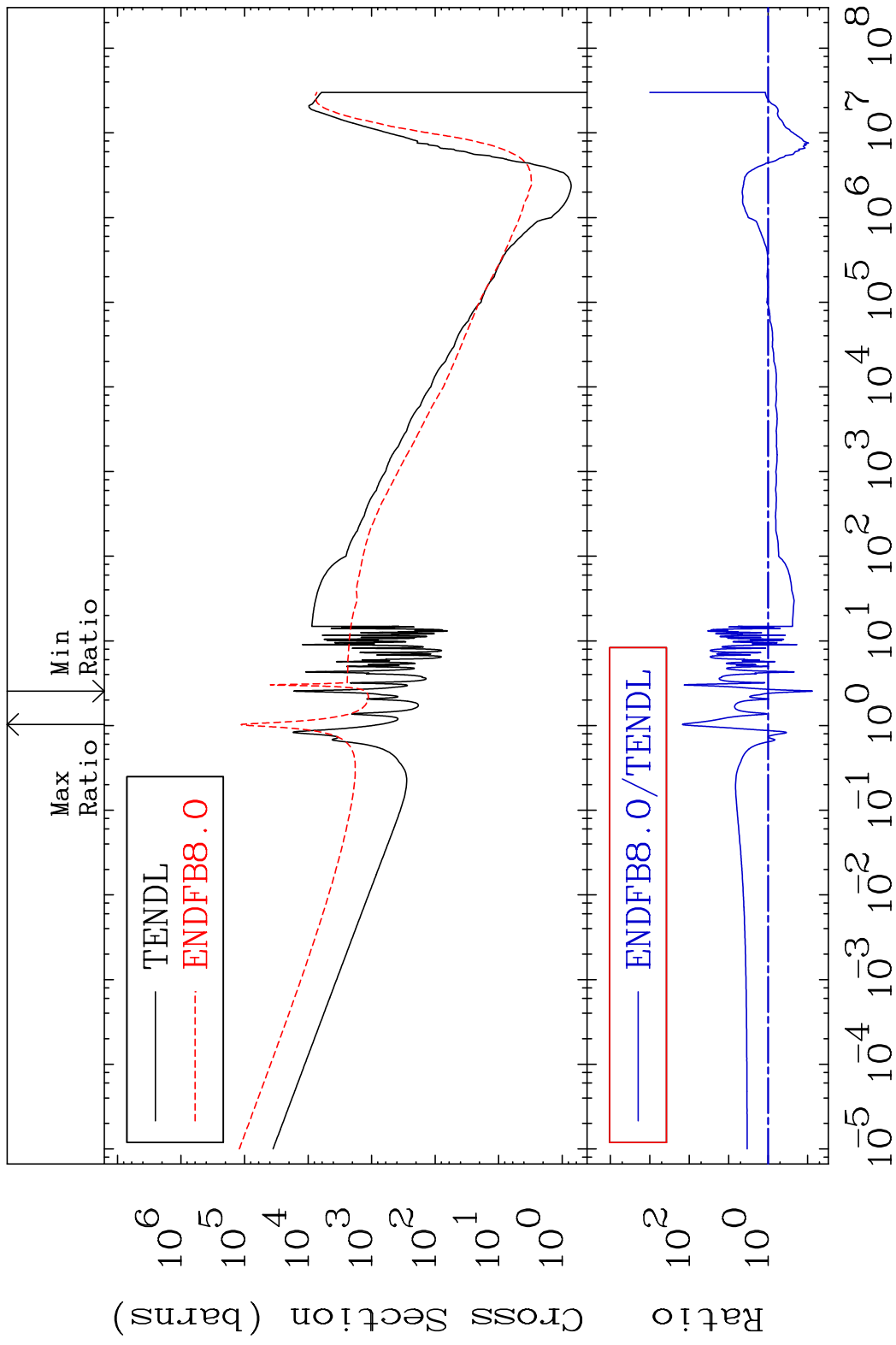
Incident Energy (eV)

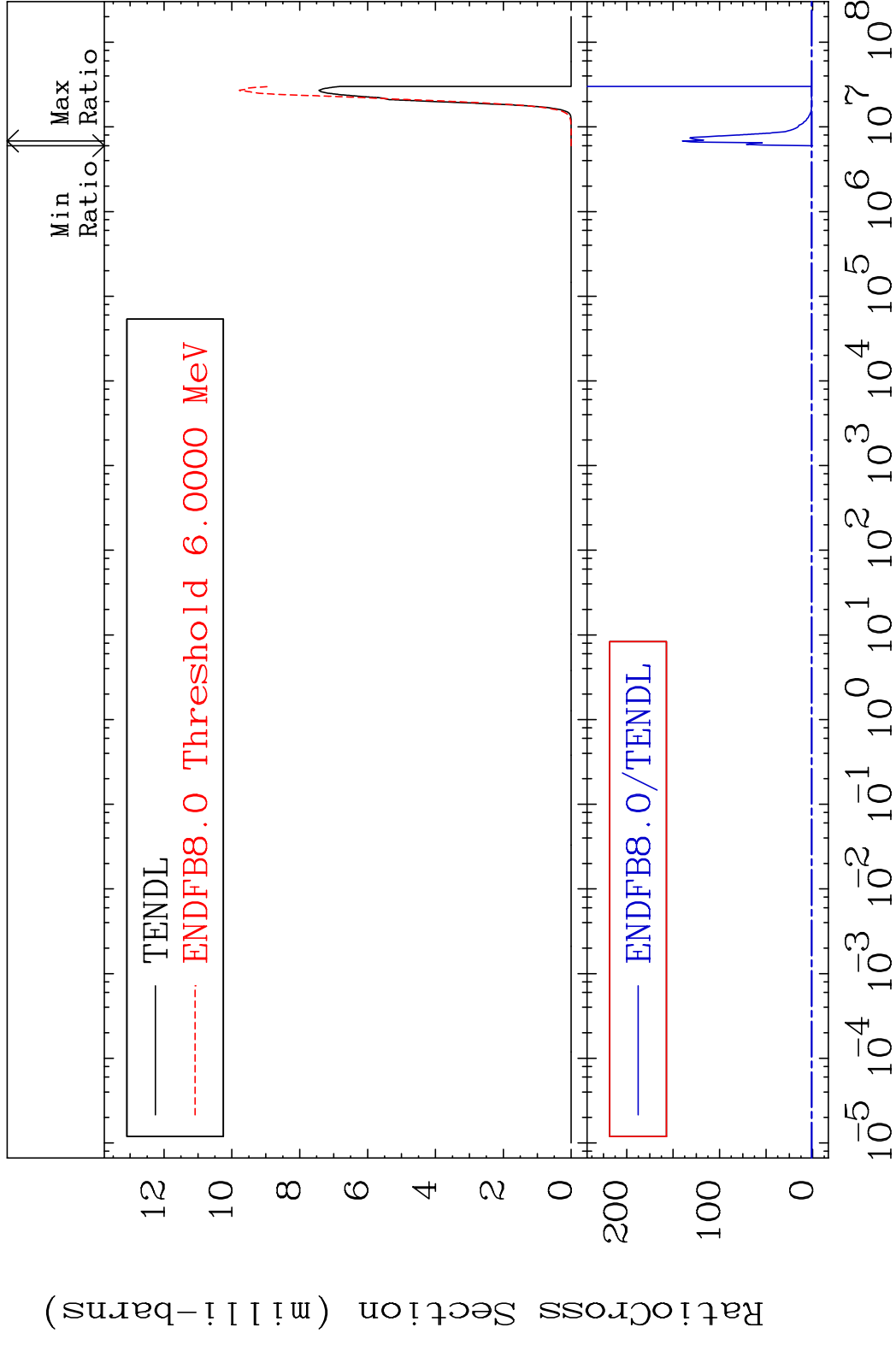
69-Tm-168

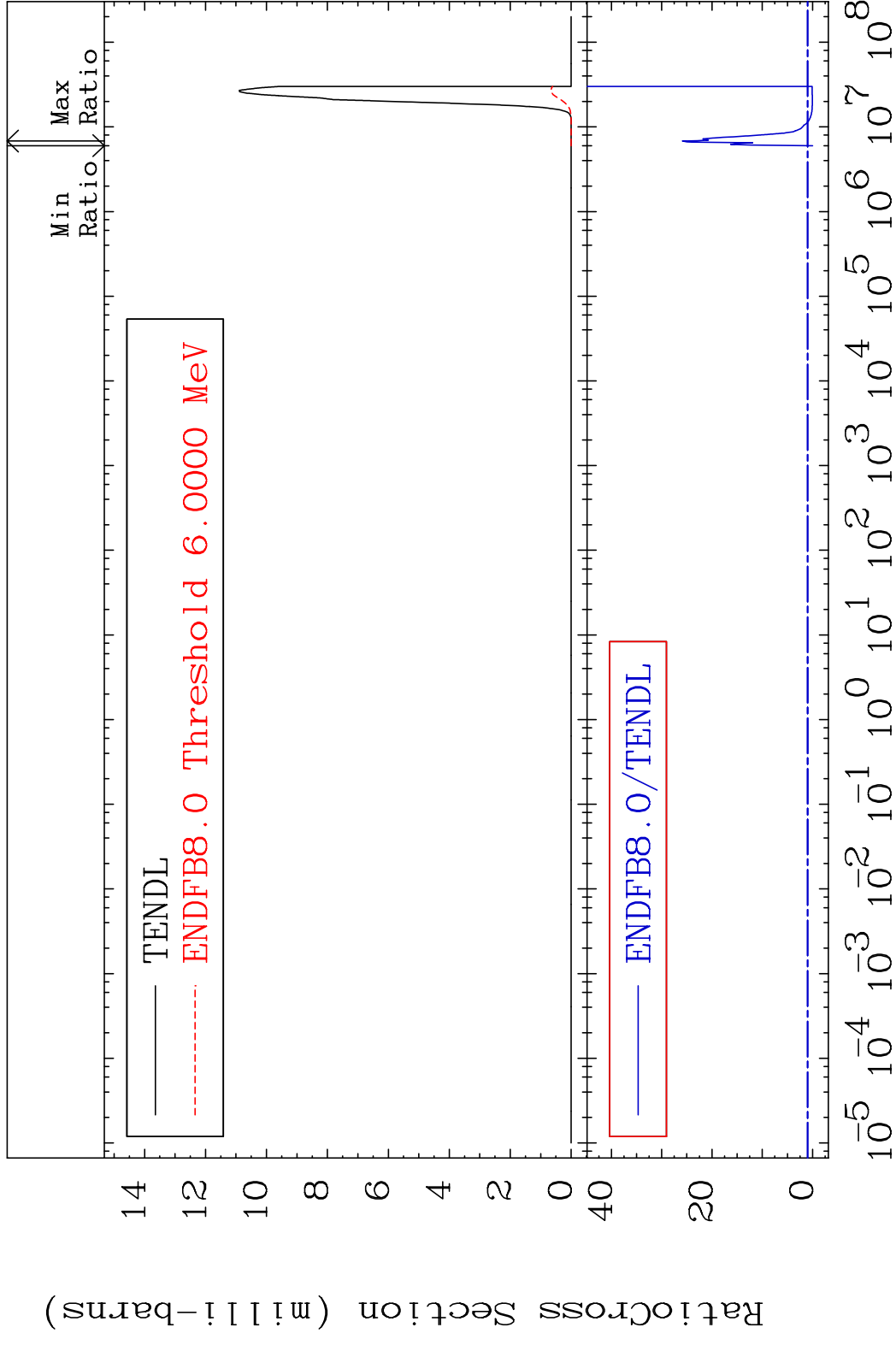
MAT 6922 Dpa inelastic (mt51-91) 69-Tm-168
 Cross Section -32.10 To 396.9 %

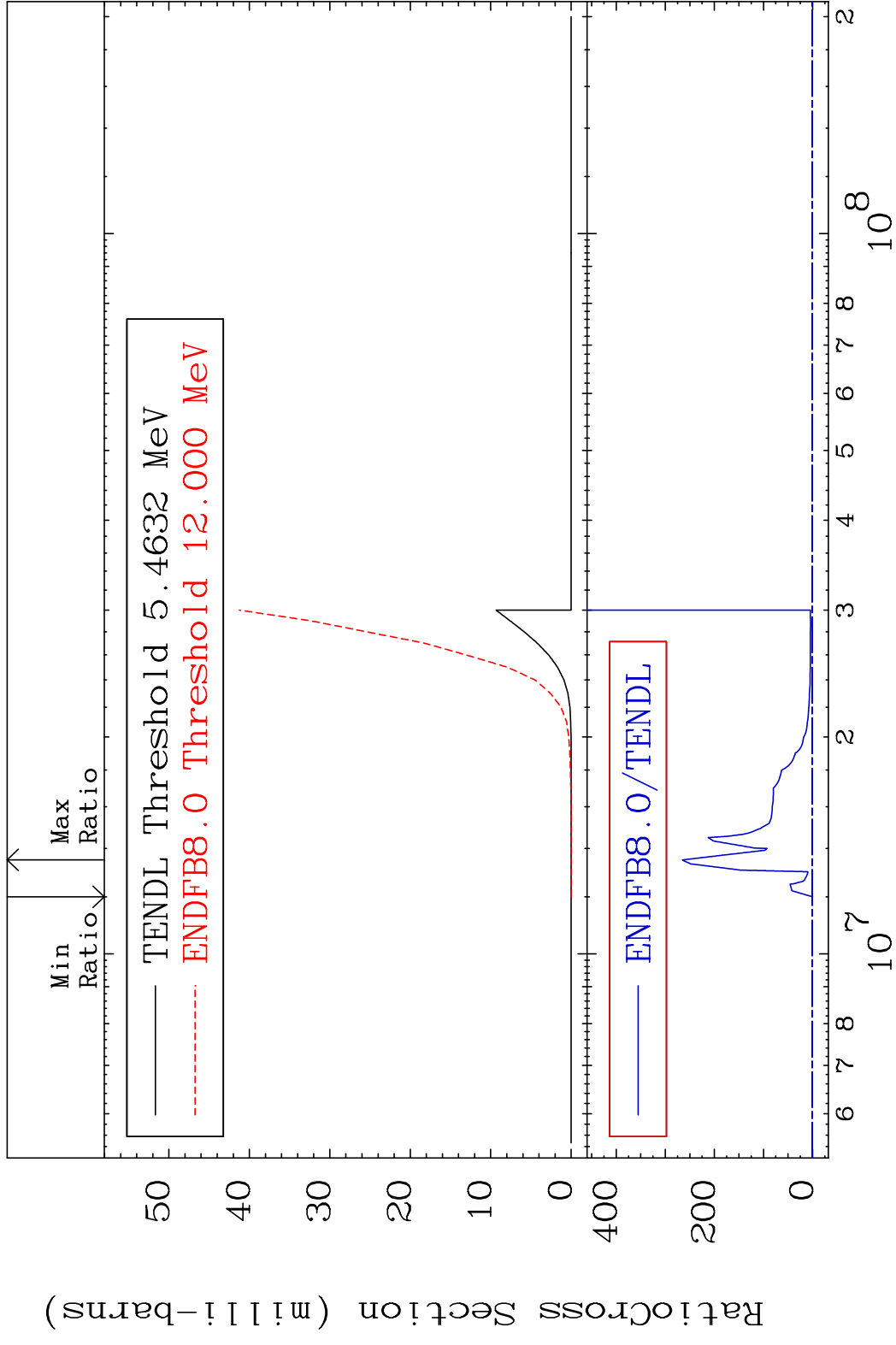


MAT 6922 Dpa disappearance (mt102 -120) 69-Tm-168
 Cross Section -92.52 To 9999. %

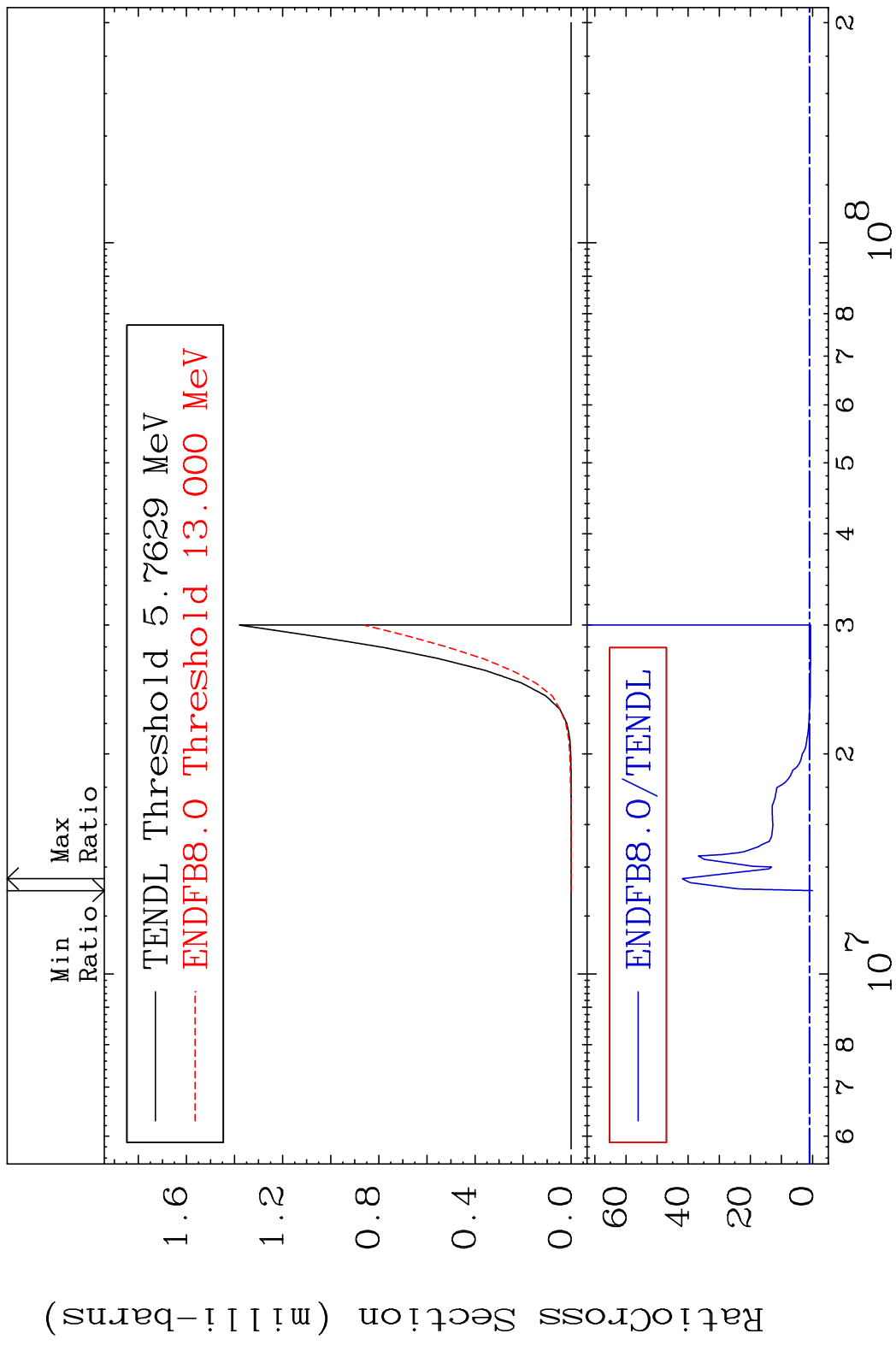








MAT 6922 (n,2n) α :67-Ho-163m3 69-Tm-168
 Radionuclide Production Cross Section Ratio 4087. %



70 Incident Energy (eV) 69-Tm-168

