

Program Complot
(Version 2021-1)

by

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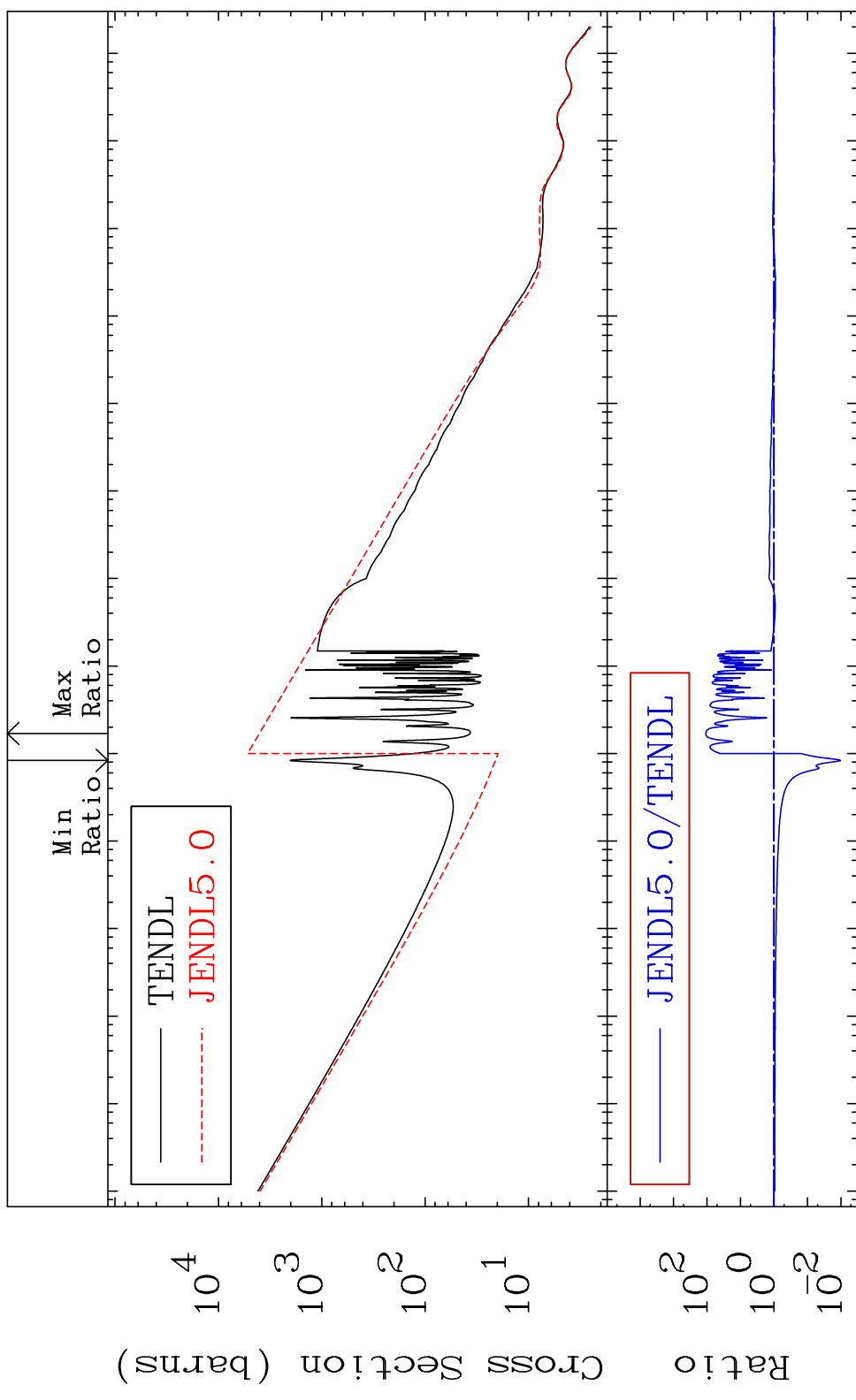
Press Mouse Button to Start

MAT 6922

Total

69-Tm-168

Cross Section -98.97 To 9999. %



1

Incident Energy (eV)

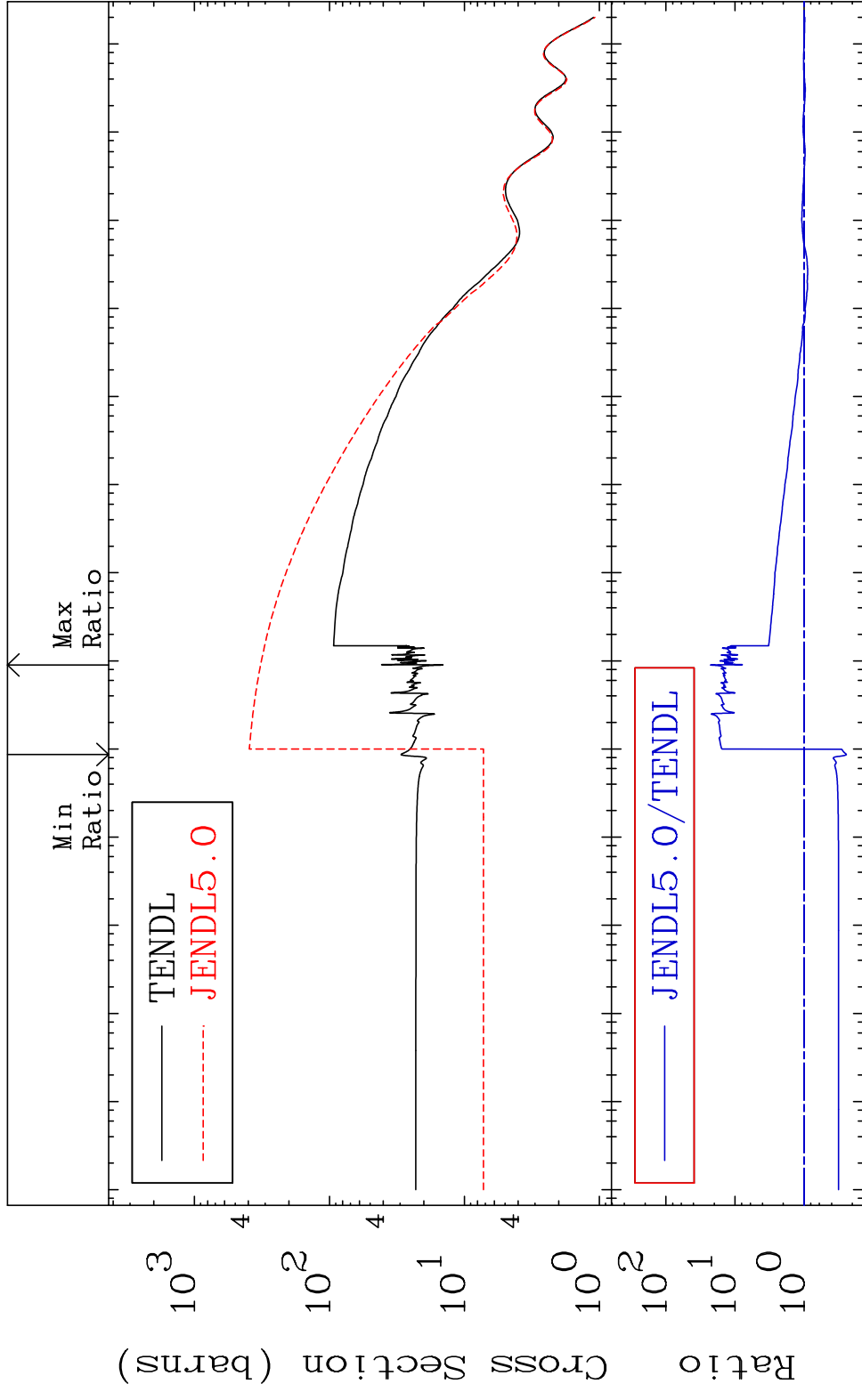
69-Tm-168

MAT 6922

69-Tm-168

Elastic

Cross Section -75.53 To 2148. %



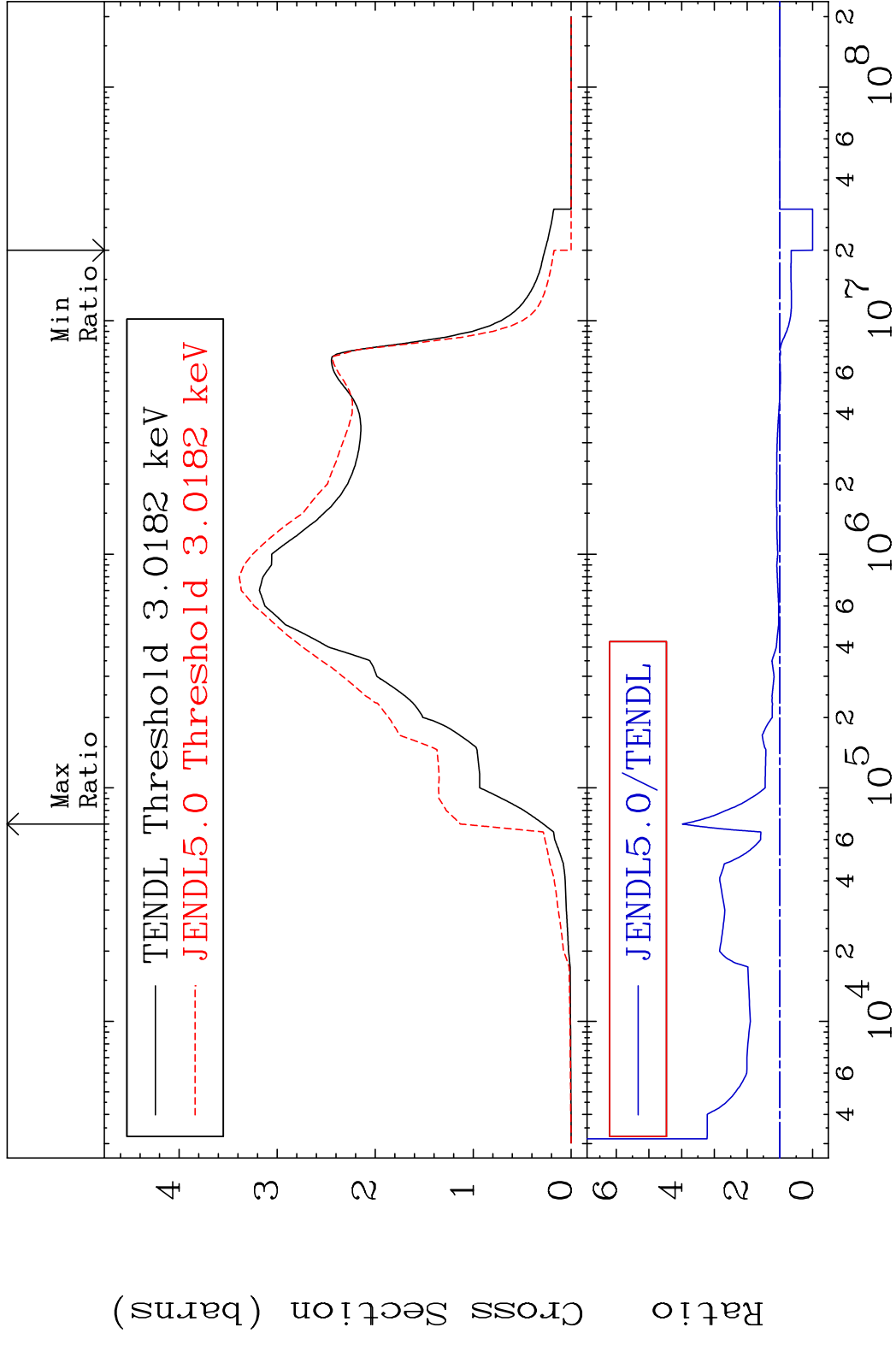
10³
10²
10¹
10⁰
10²
10¹
10⁰
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

Incident Energy (eV)

69-Tm-168

MAT 6922 Inelastic Cross Section -100.0 To 297.7 % 69-Tm-168

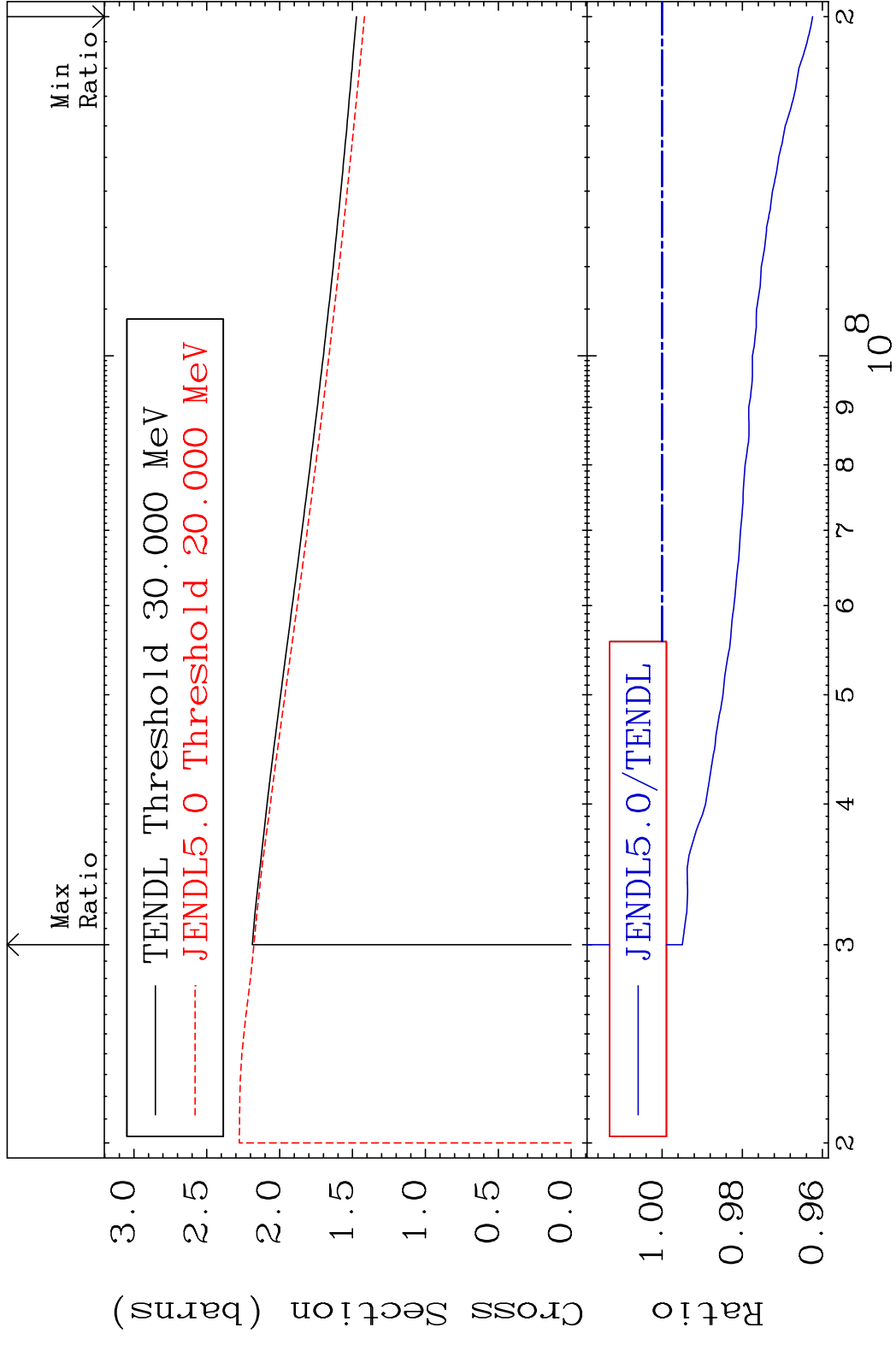


MAT 6922

(n, remainder)

69-Tm-168

Cross Section -3.755 To -0.505%

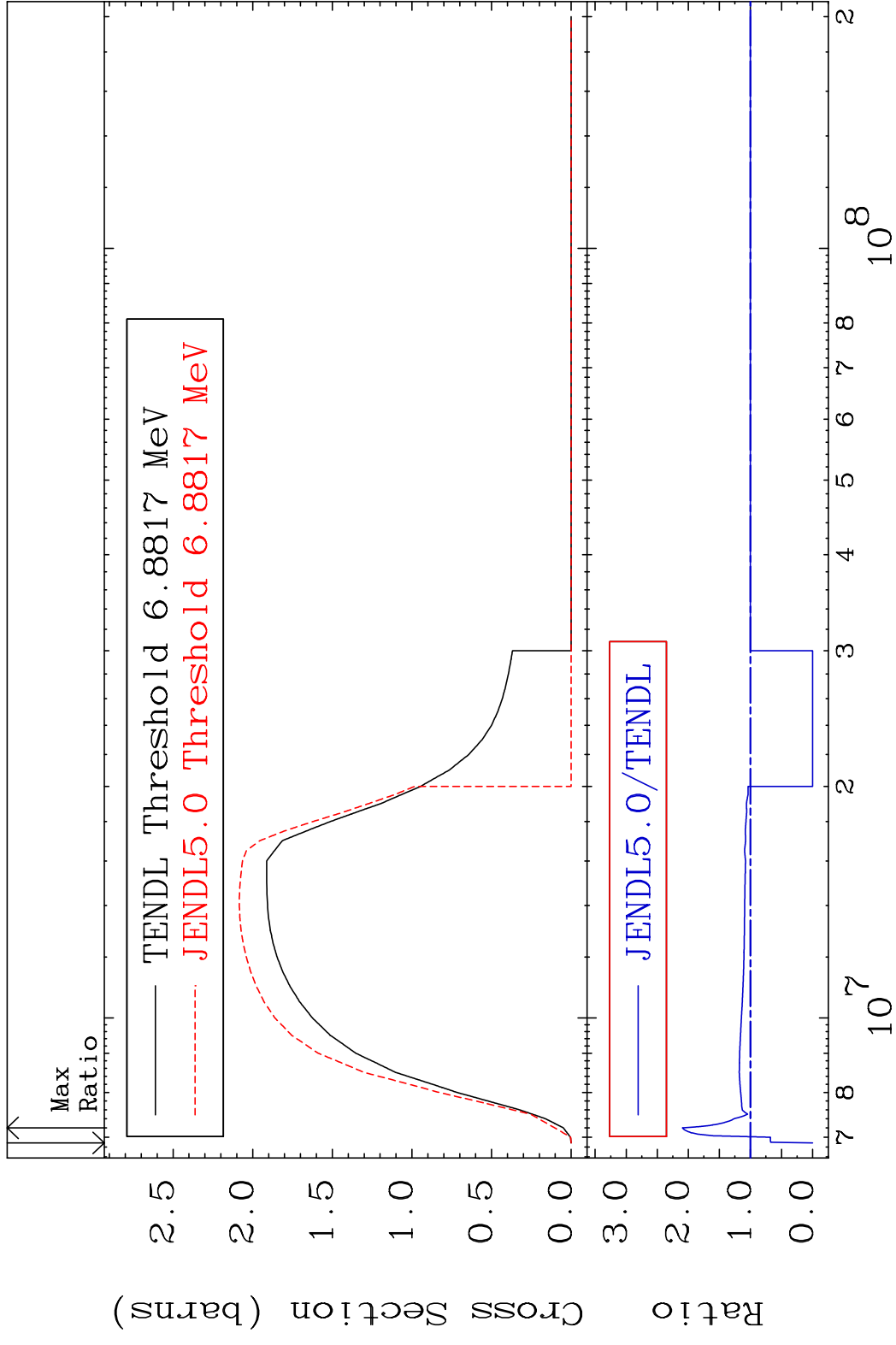


4

Incident Energy (eV)

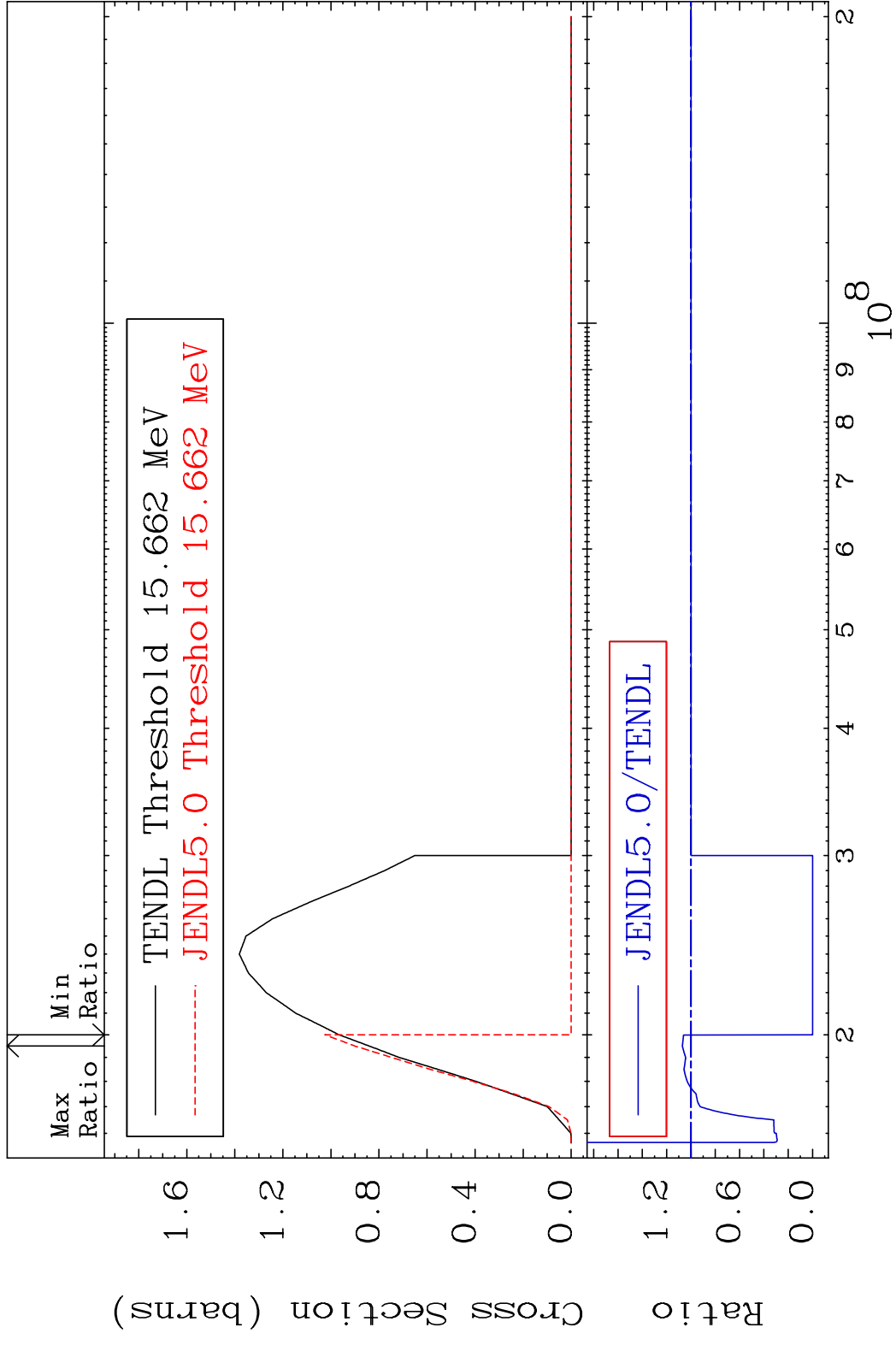
69-Tm-168

MAT 6922 (n,2n) 69-Tm-168
 Cross Section -100.0 To 109.6 %



5 Incident Energy (eV) 69-Tm-168

MAT 6922 (n,3n) 69-Tm-168
 Cross Section -100.0 To 7.066 %

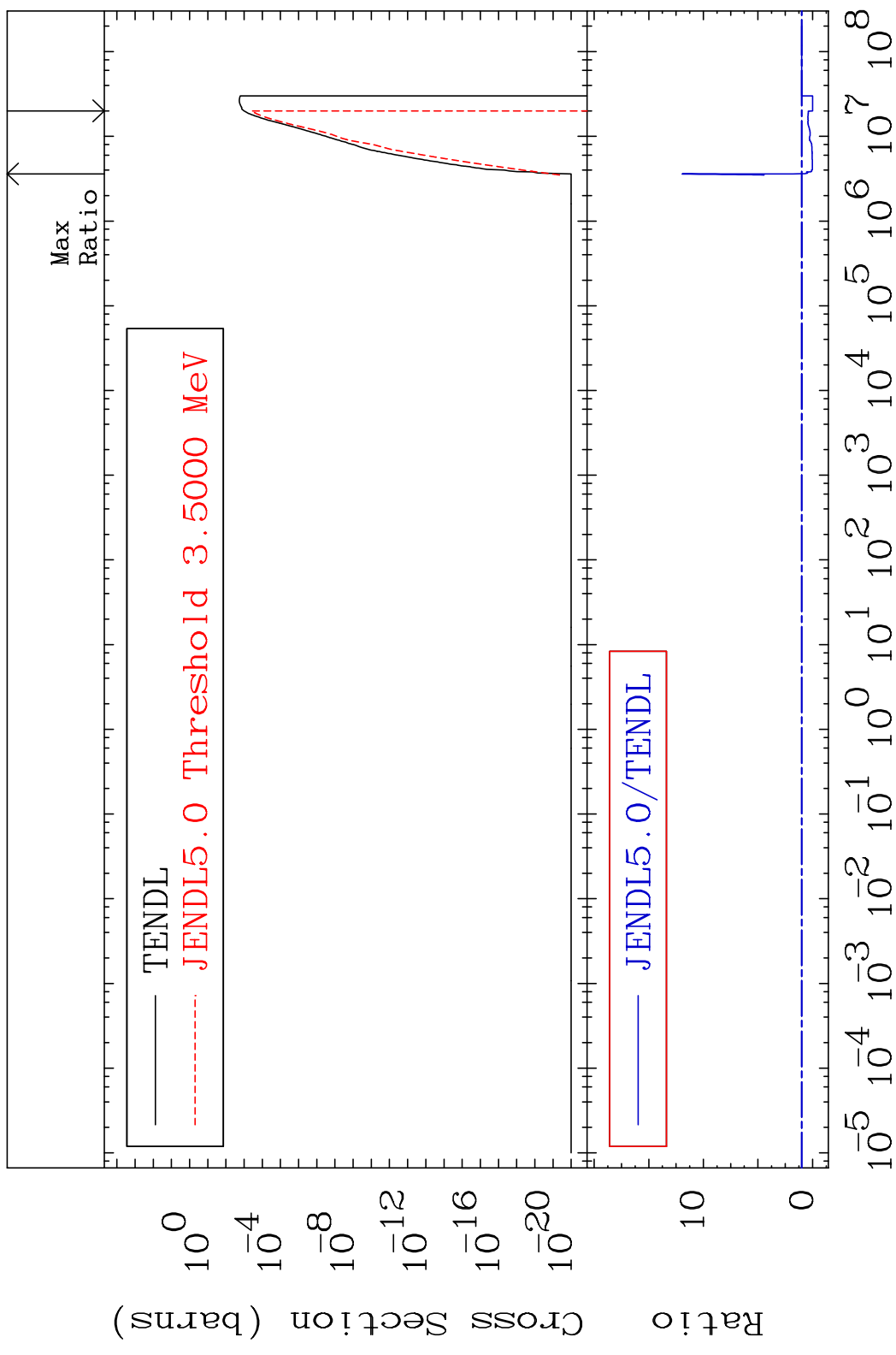


MAT 6922

(n, n') α

69-Tm-168

Cross Section -100.0 To 1092. %

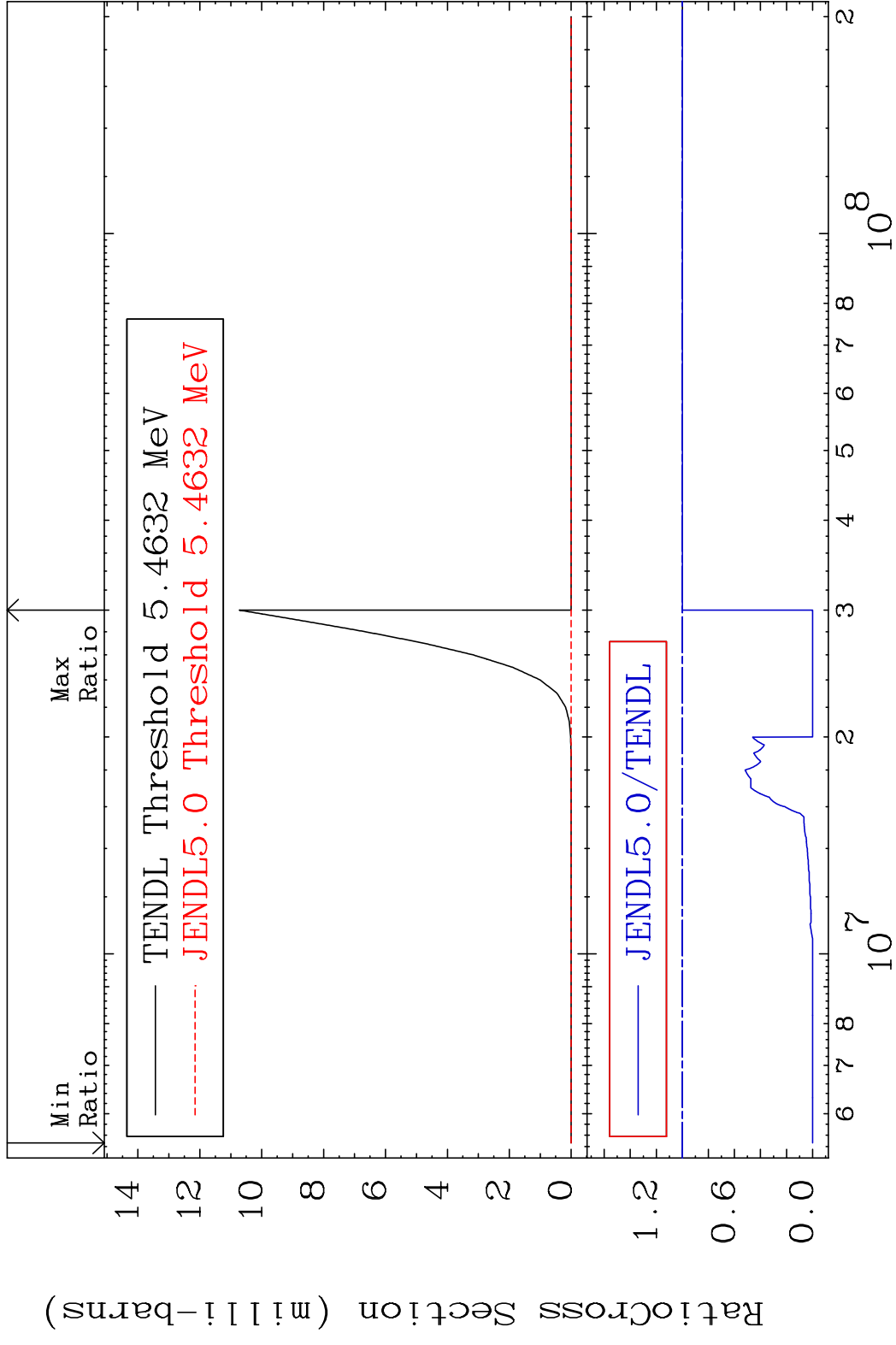


Incident Energy (eV)

69-Tm-168

7

MAT 6922 (n,2n) α 69-Tm-168
 Cross Section -100.0 To 0.000 %

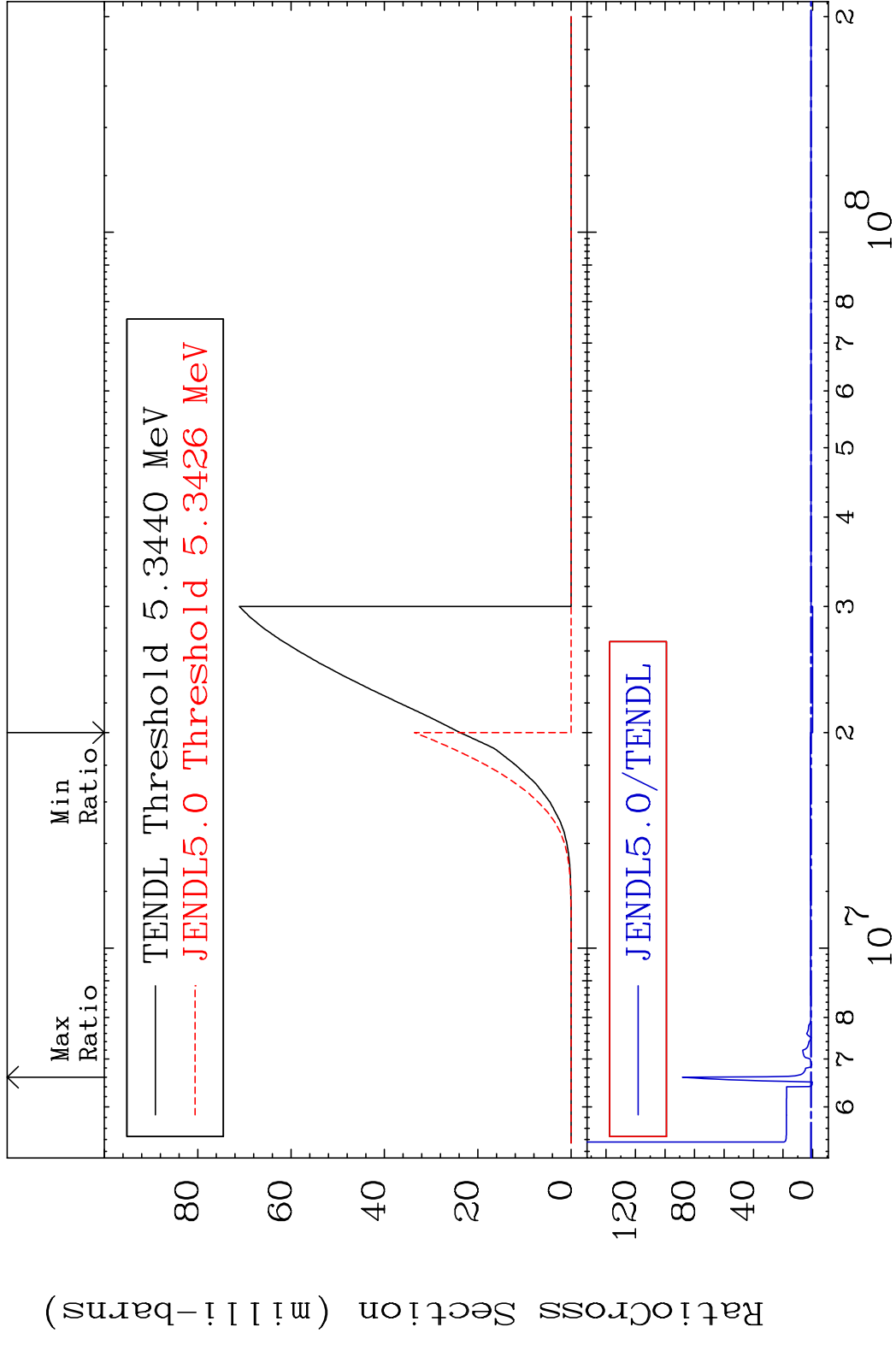


MAT 6922

(n, n') p

69-Tm-168

Cross Section -100.0 To 8723. %

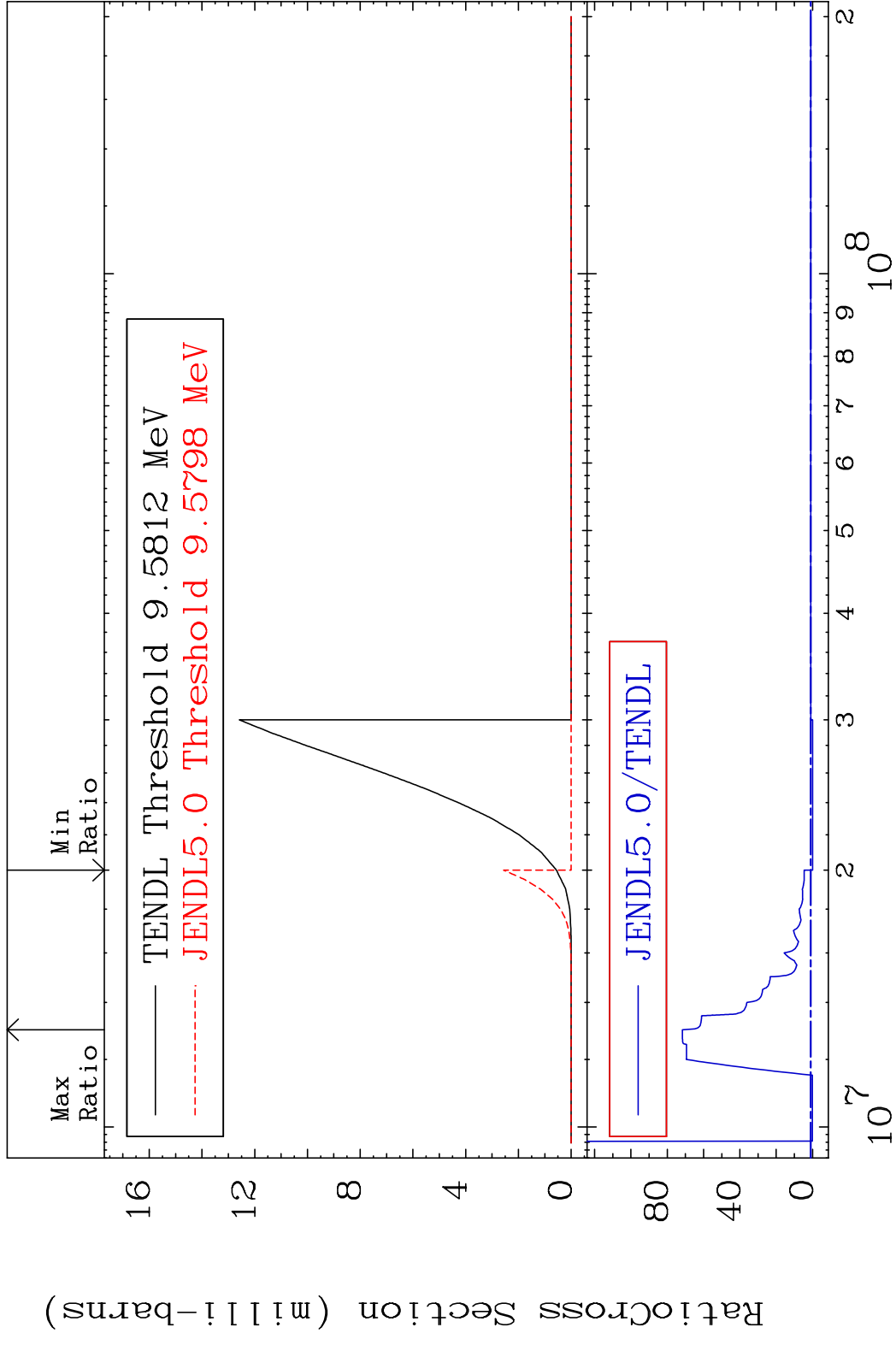


MAT 6922

(n, n') d

69-Tm-168

Cross Section -100.0 To 7068. %

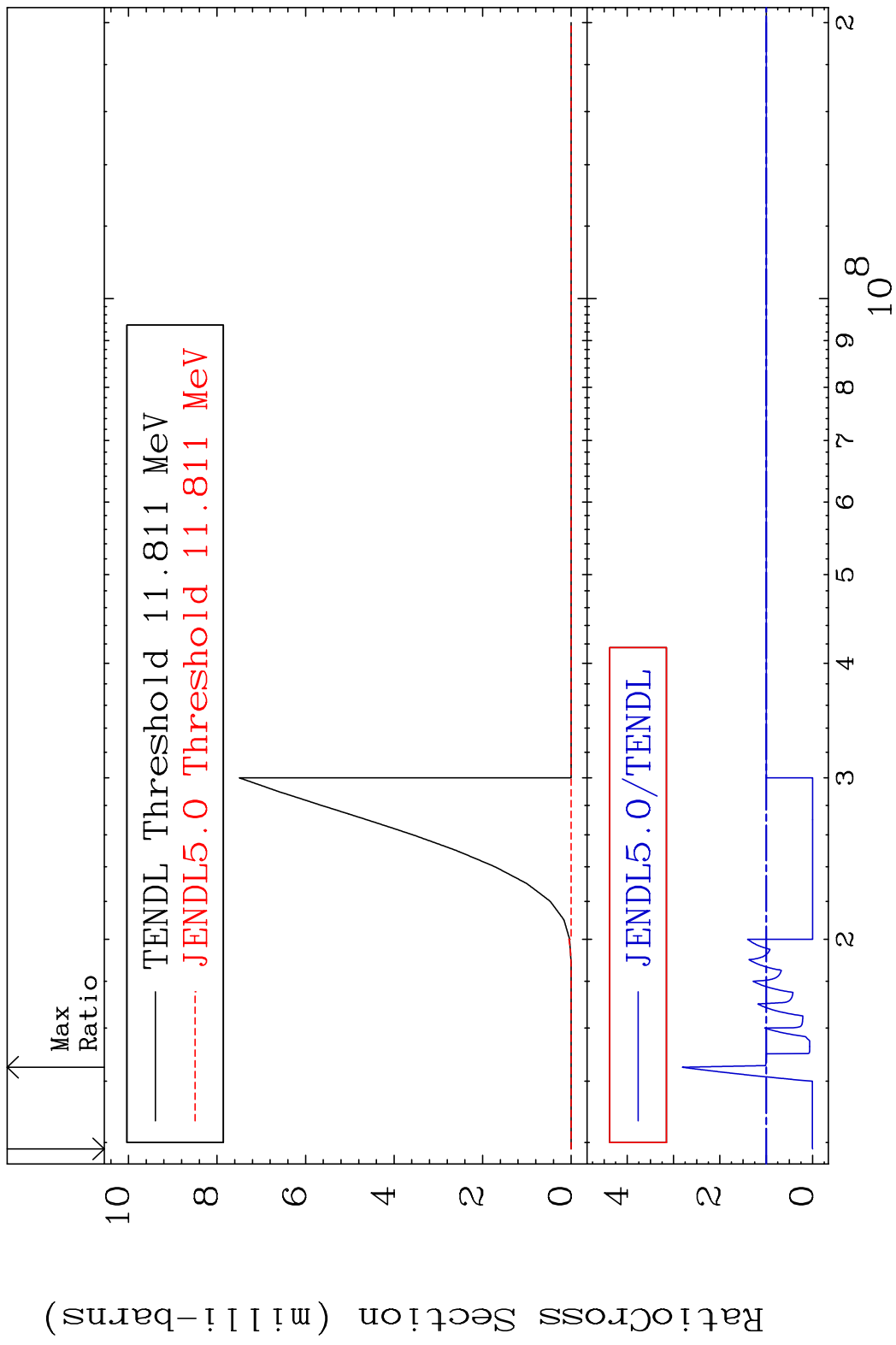


10

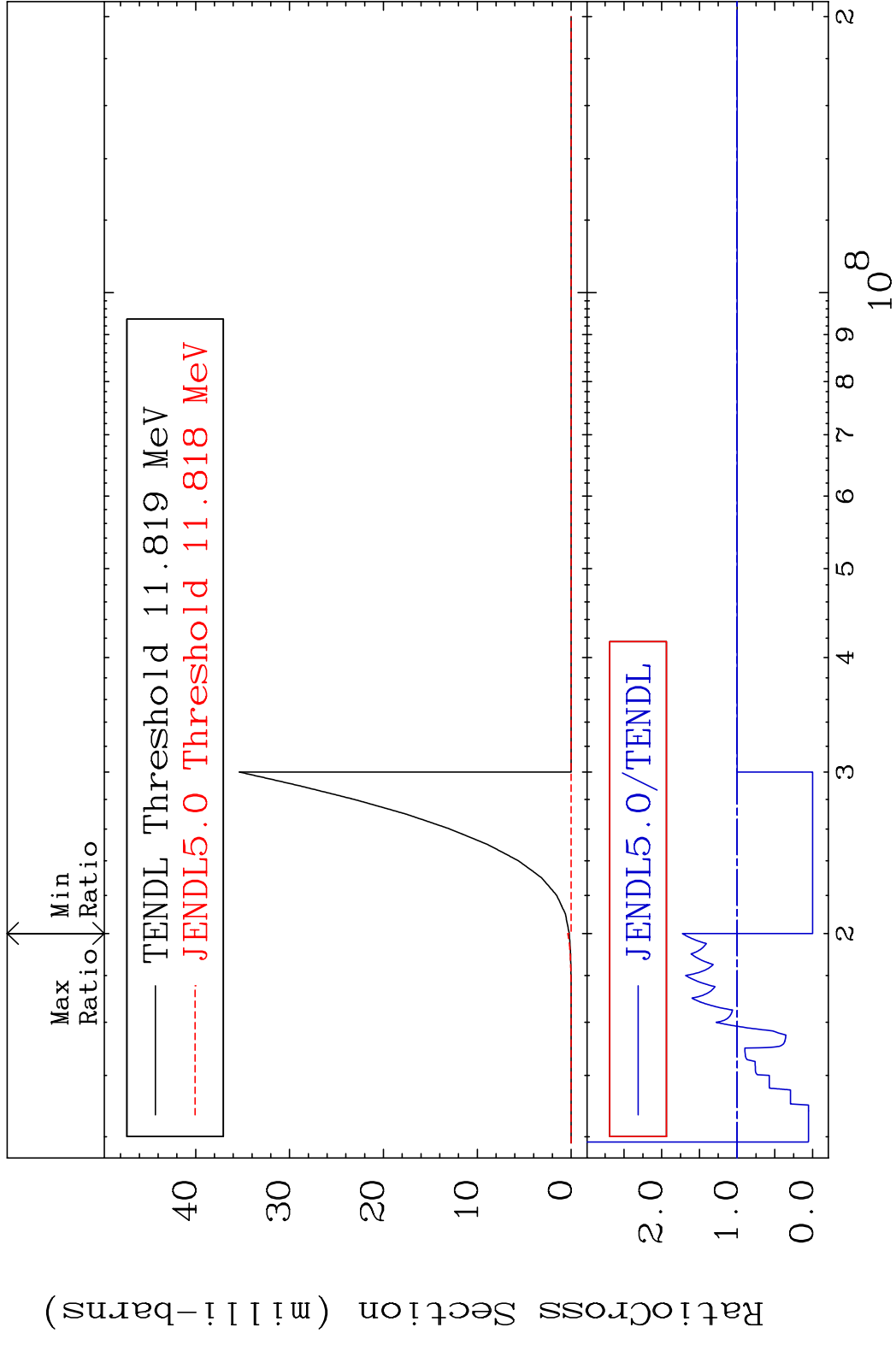
Incident Energy (eV)

69-Tm-168

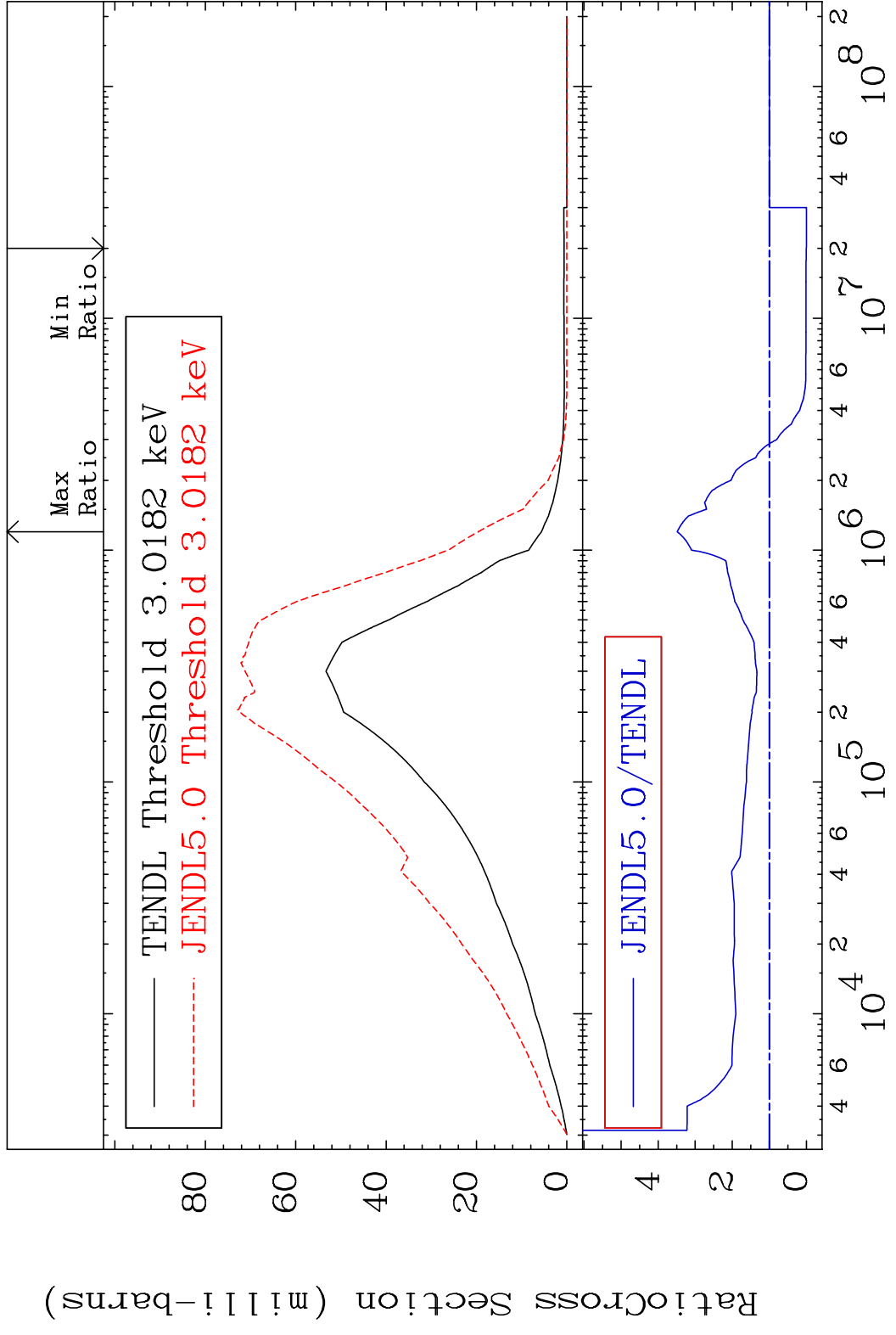
MAT 6922 (n, n') t 69-Tm-168
 Cross Section -100.0 To 181.0 %



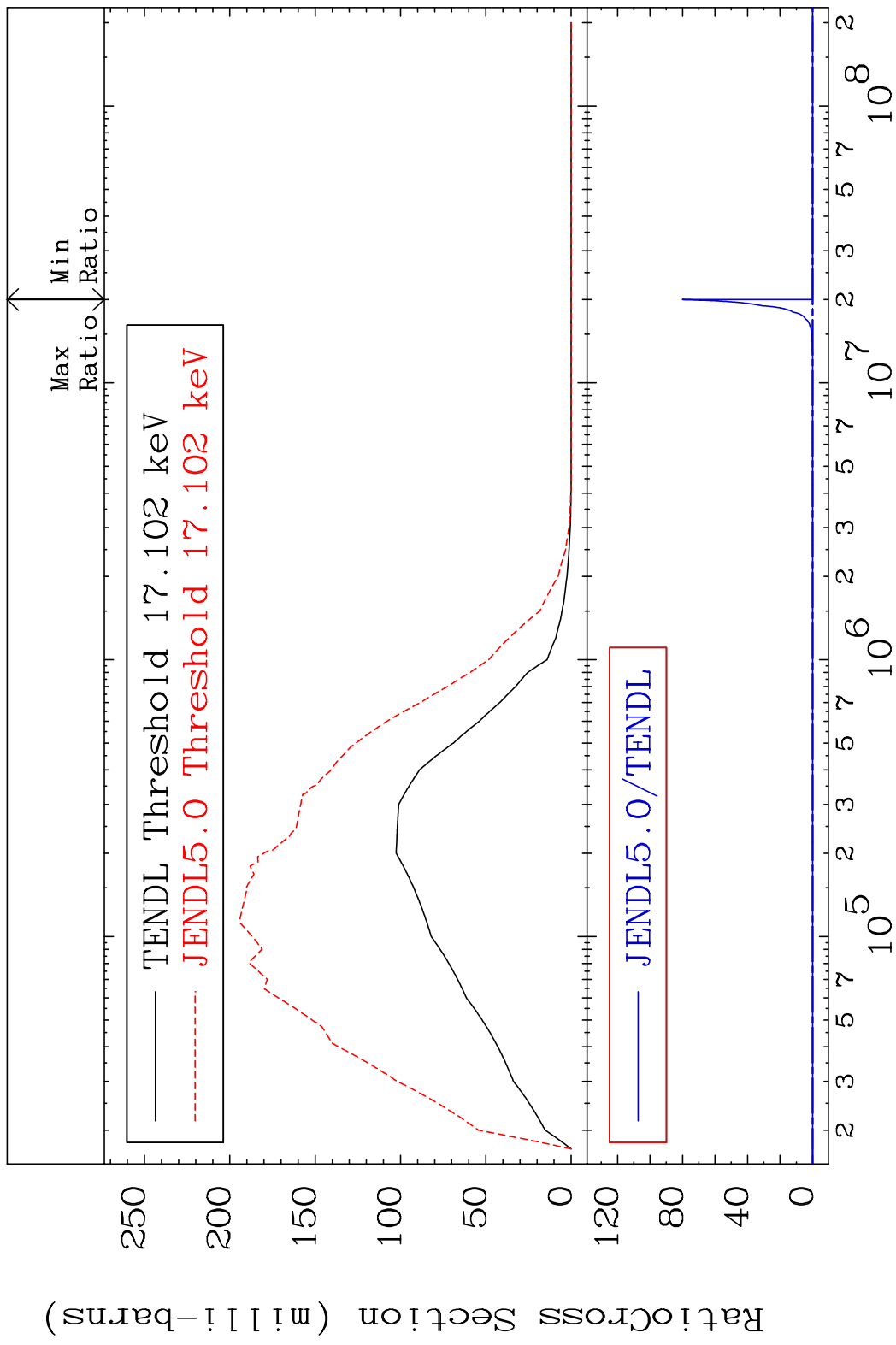
MAT 6922 (n,2n) p 69-Tm-168
 Cross Section -100.0 To 72.60 %



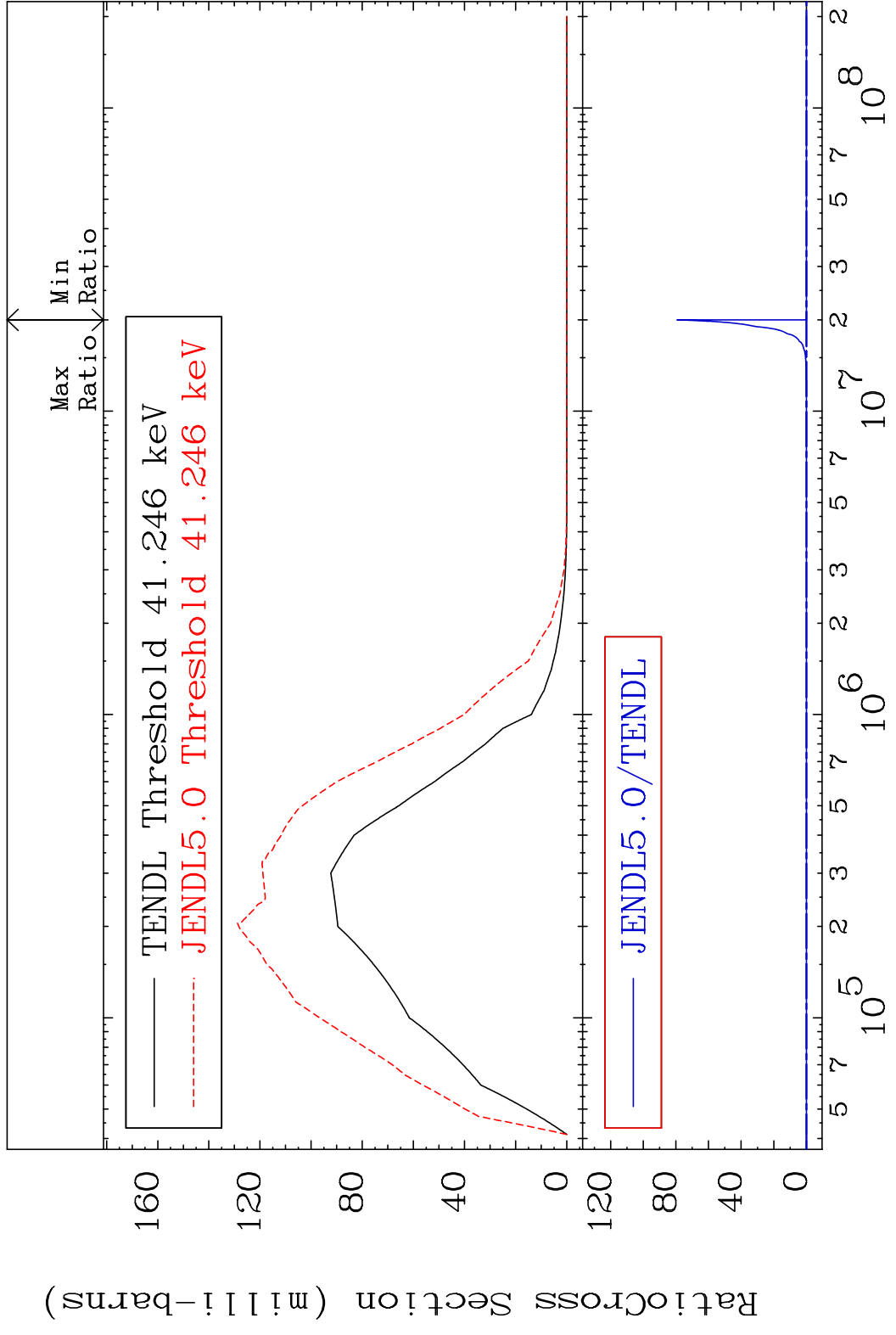
MAT 6922 MT= 51 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 248.6 %



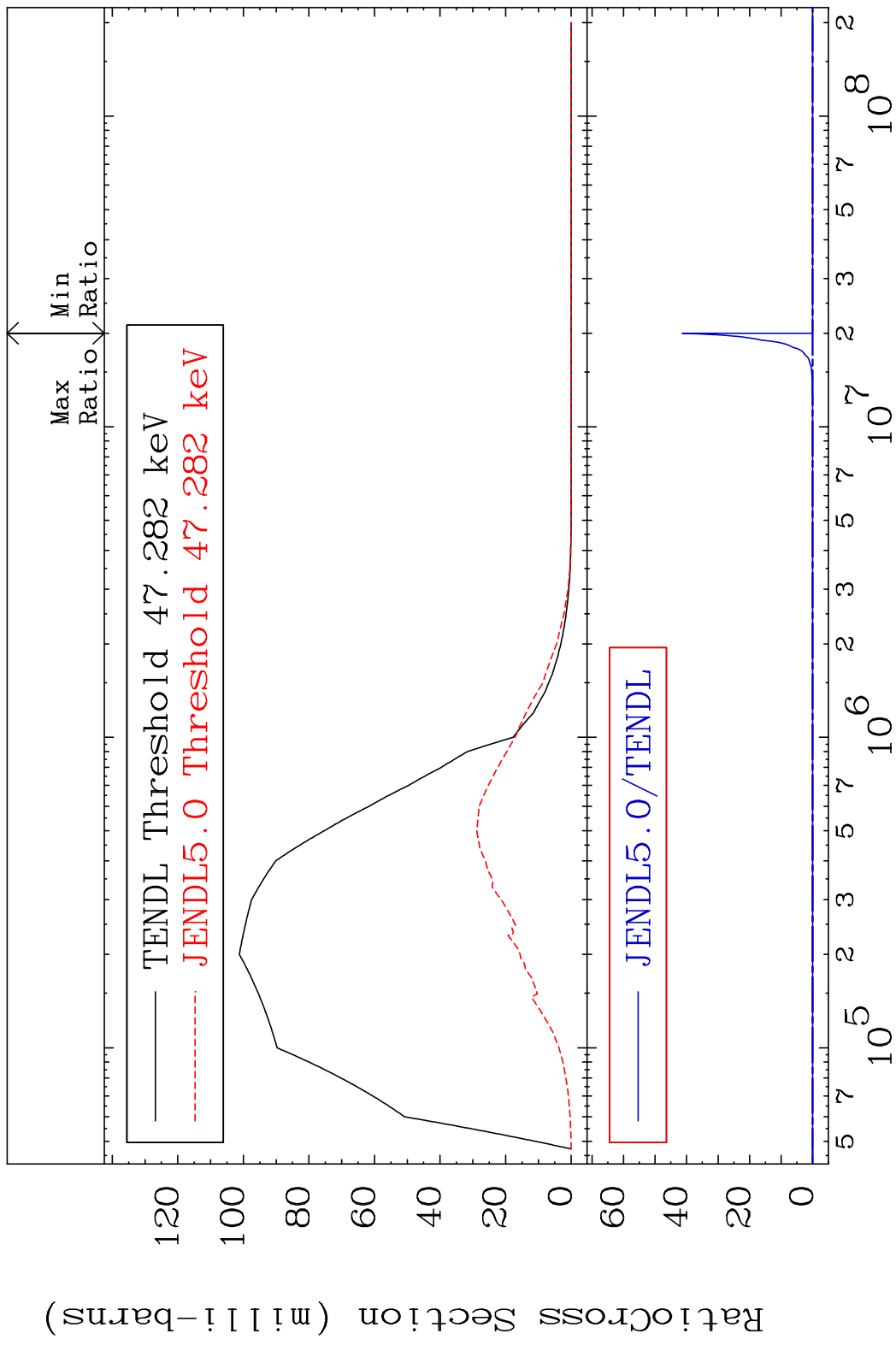
MAT 6922 MT= 52 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %



MAT 6922 MT= 53 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %

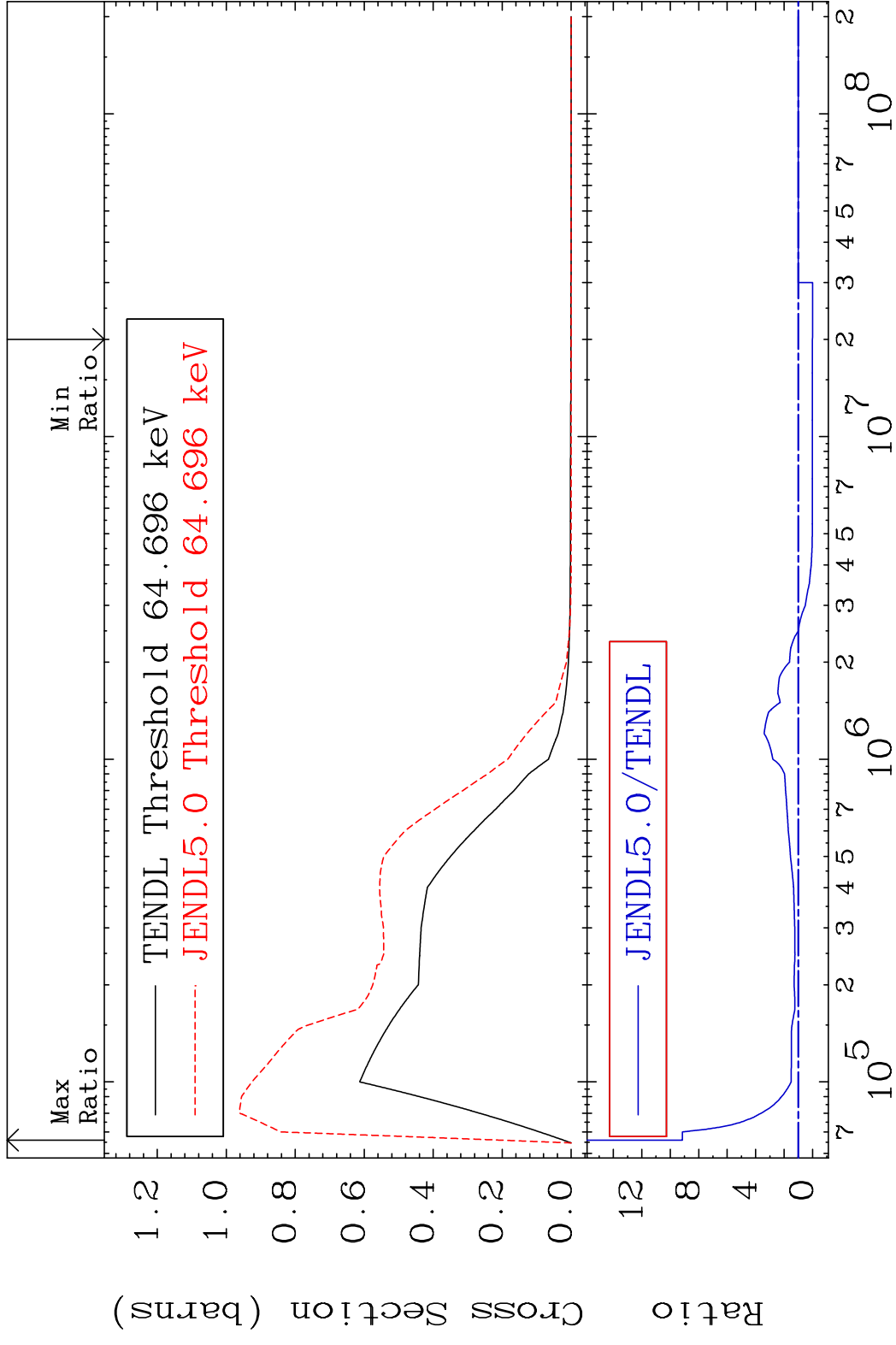


MAT 6922 MT= 54 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %

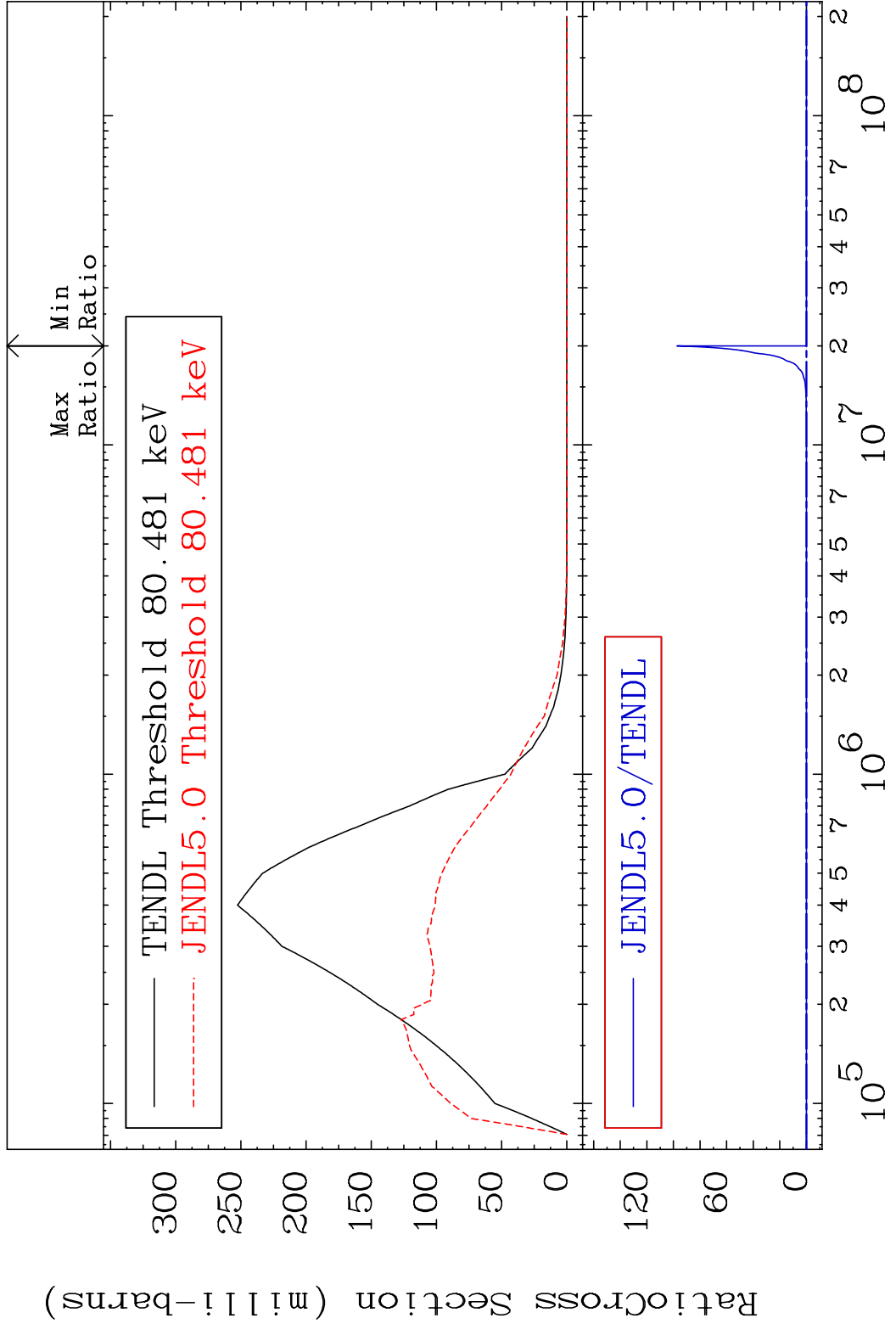


16 Incident Energy (eV) 69-Tm-168

MAT 6922 MT= 55 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 815.0 %

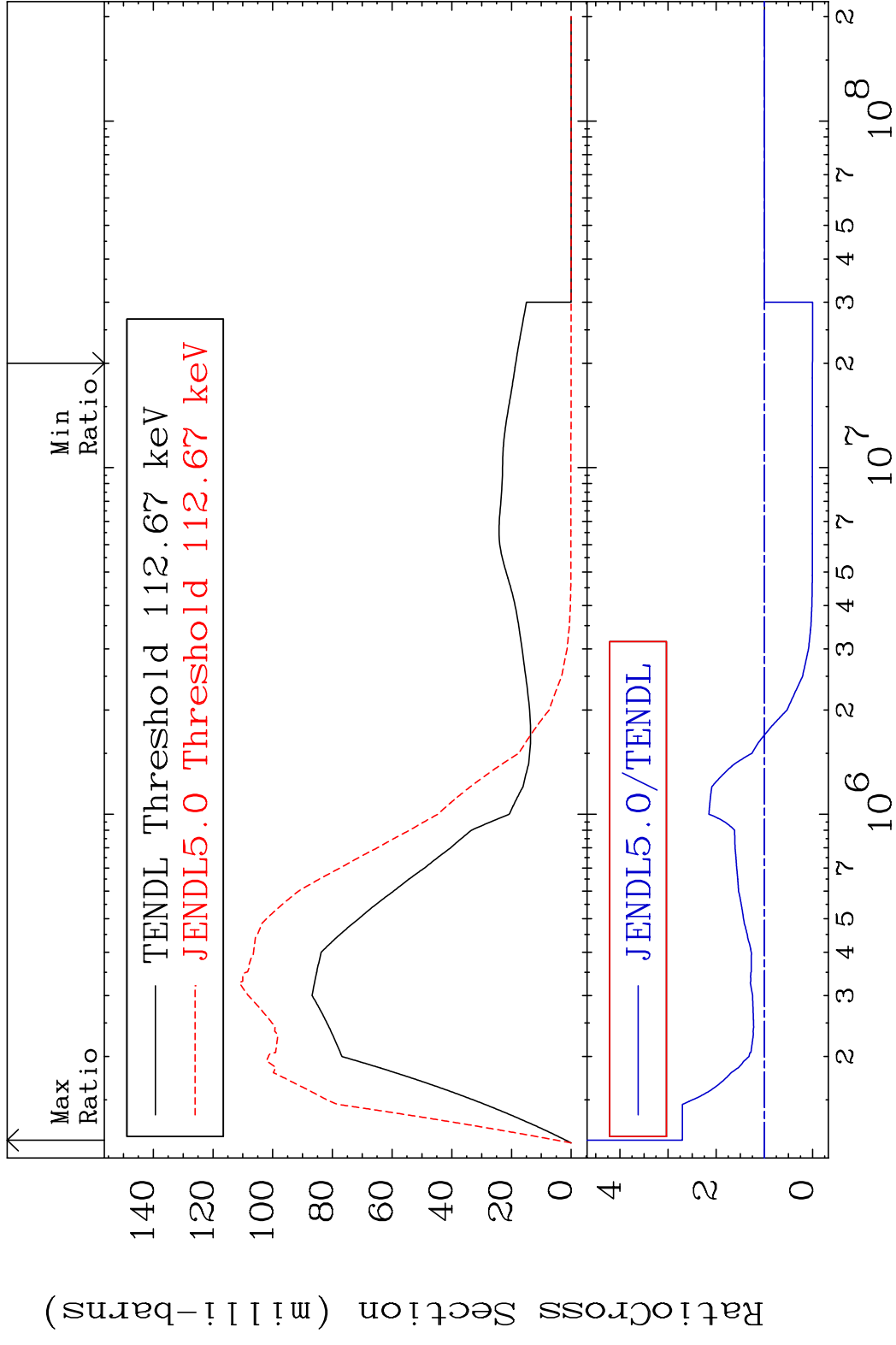


MAT 6922 MT= 56 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %

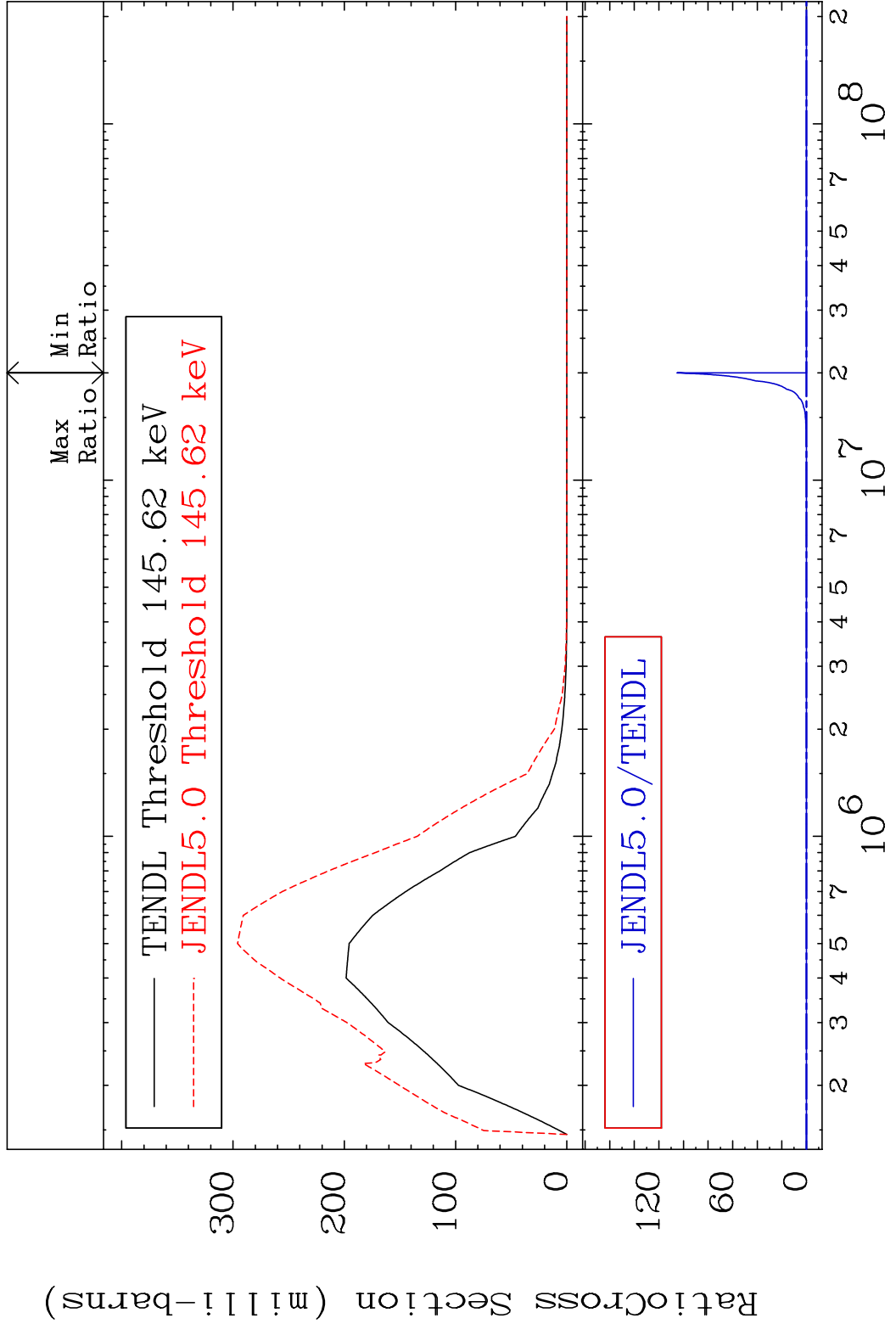


18 69-Tm-168

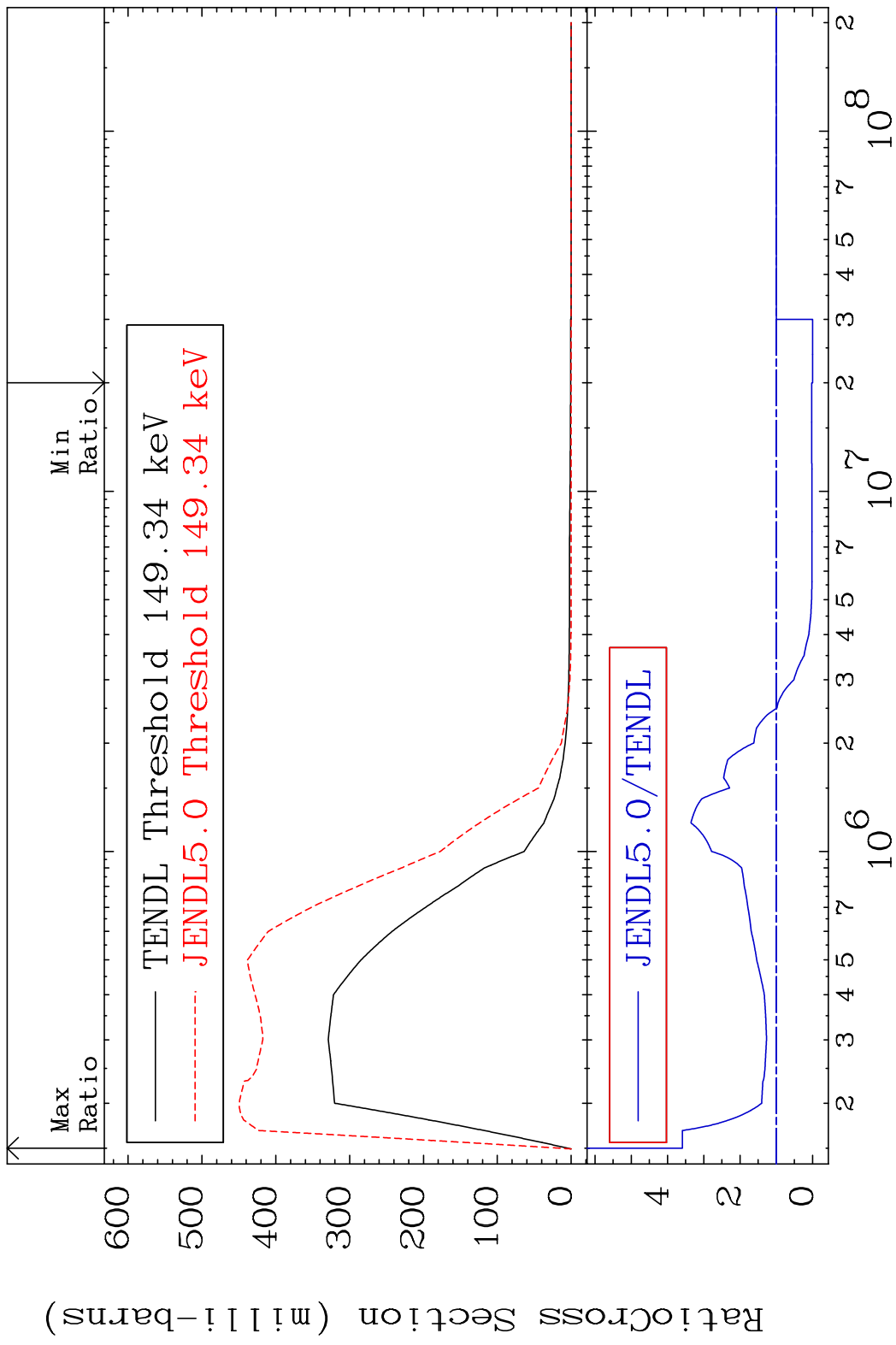
MAT 6922 MT= 57 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 170.3 %



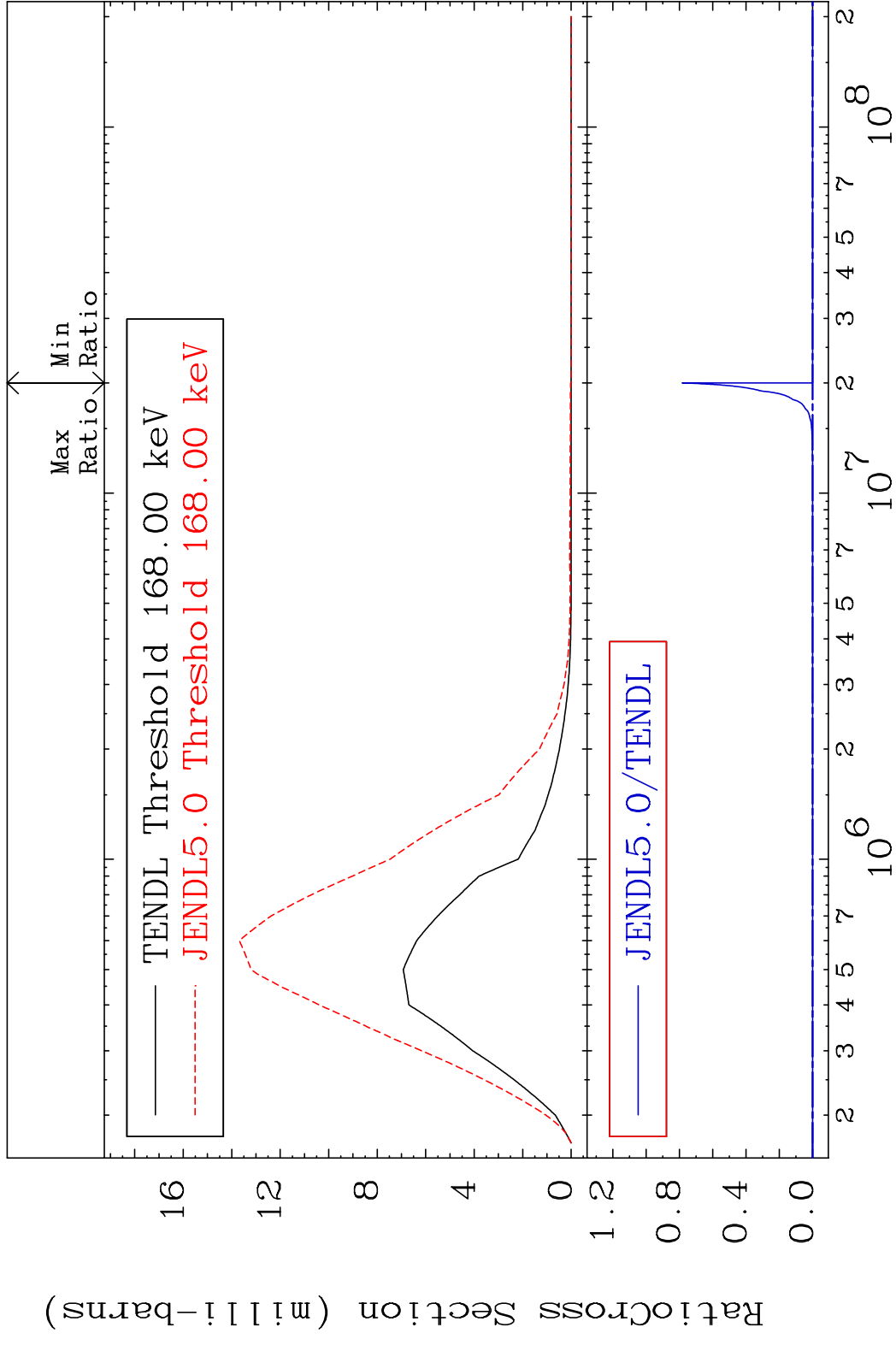
MAT 6922 MT= 58 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %



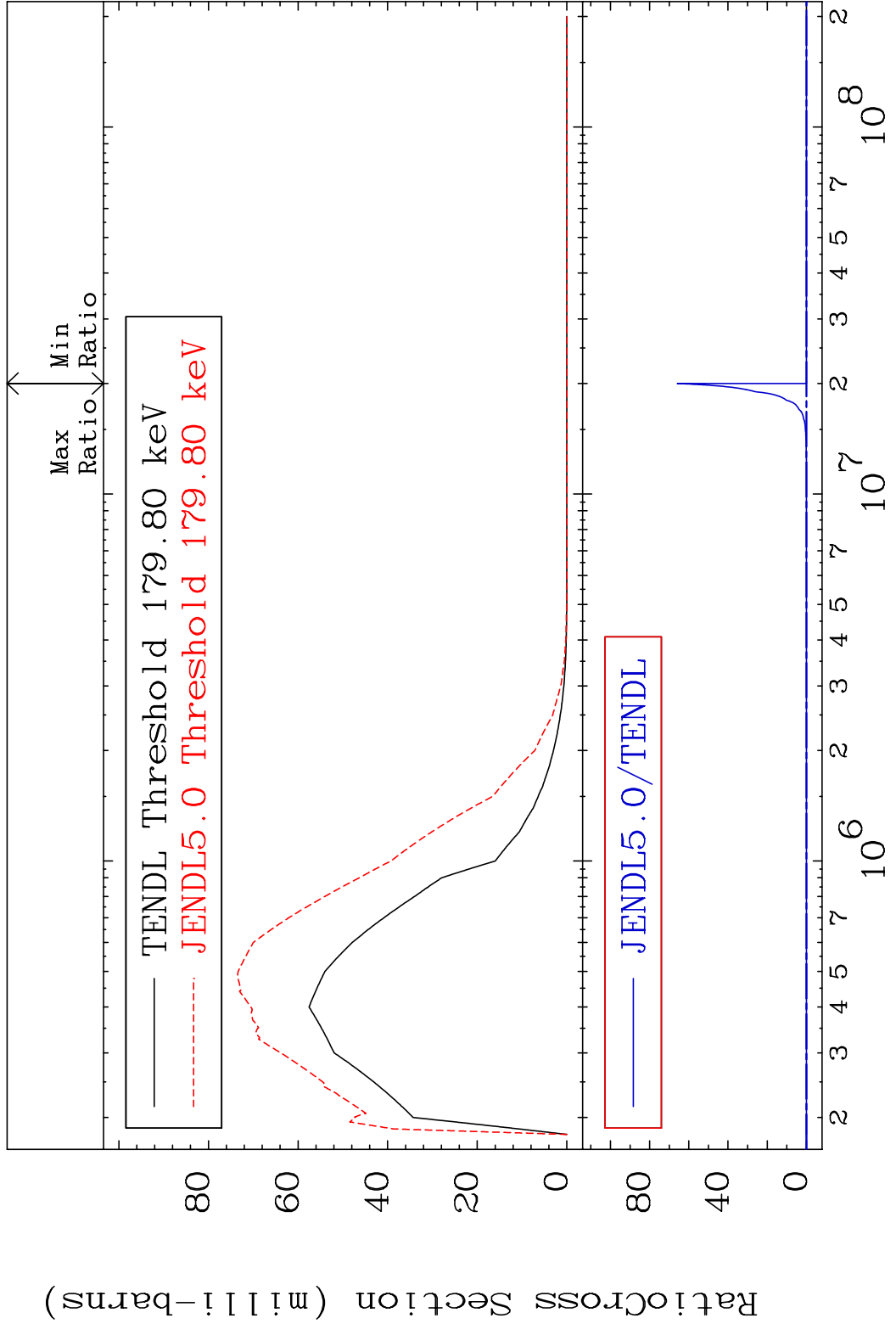
MAT 6922 MT= 59 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 259.0 %



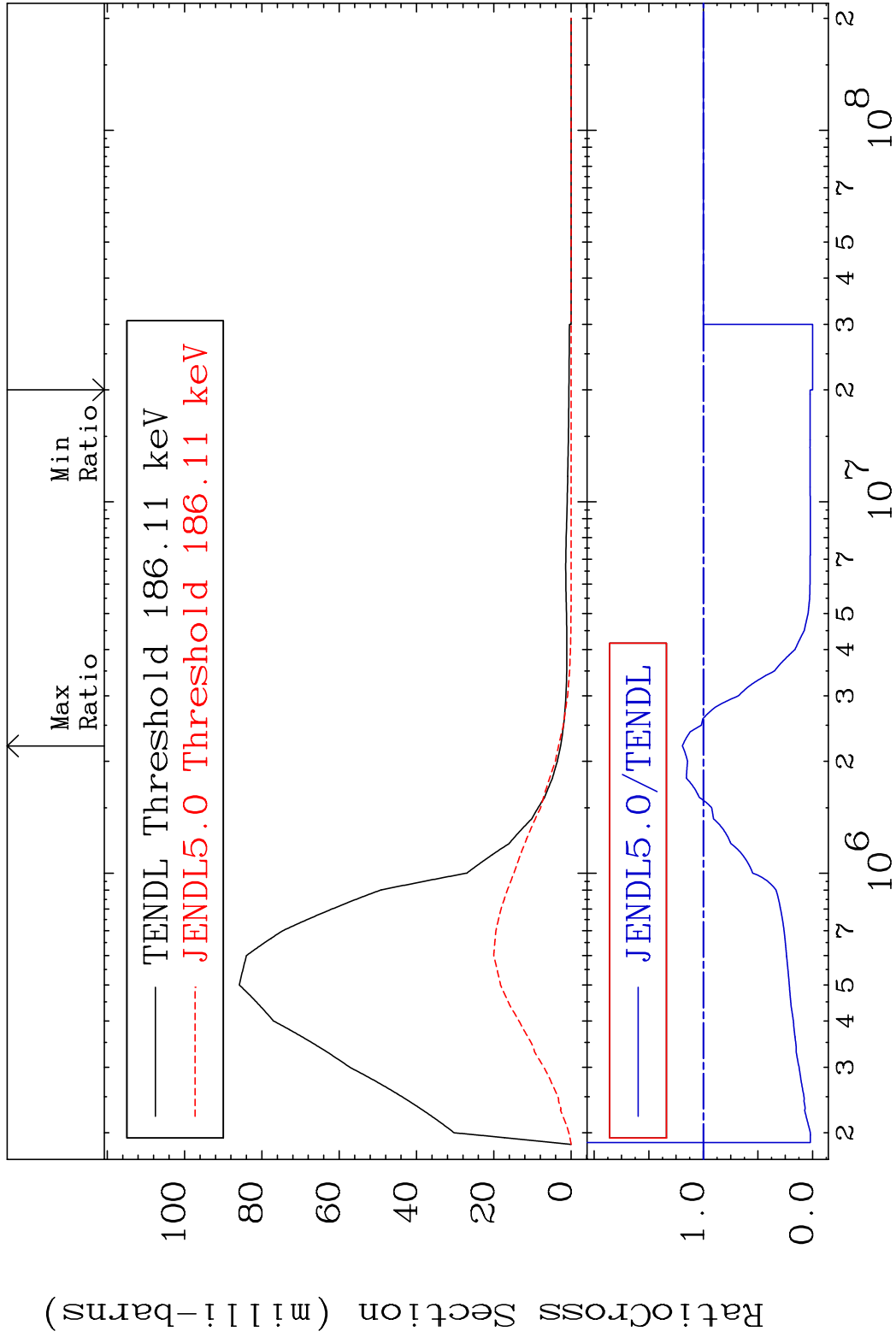
MAT 6922 MT= 60 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %



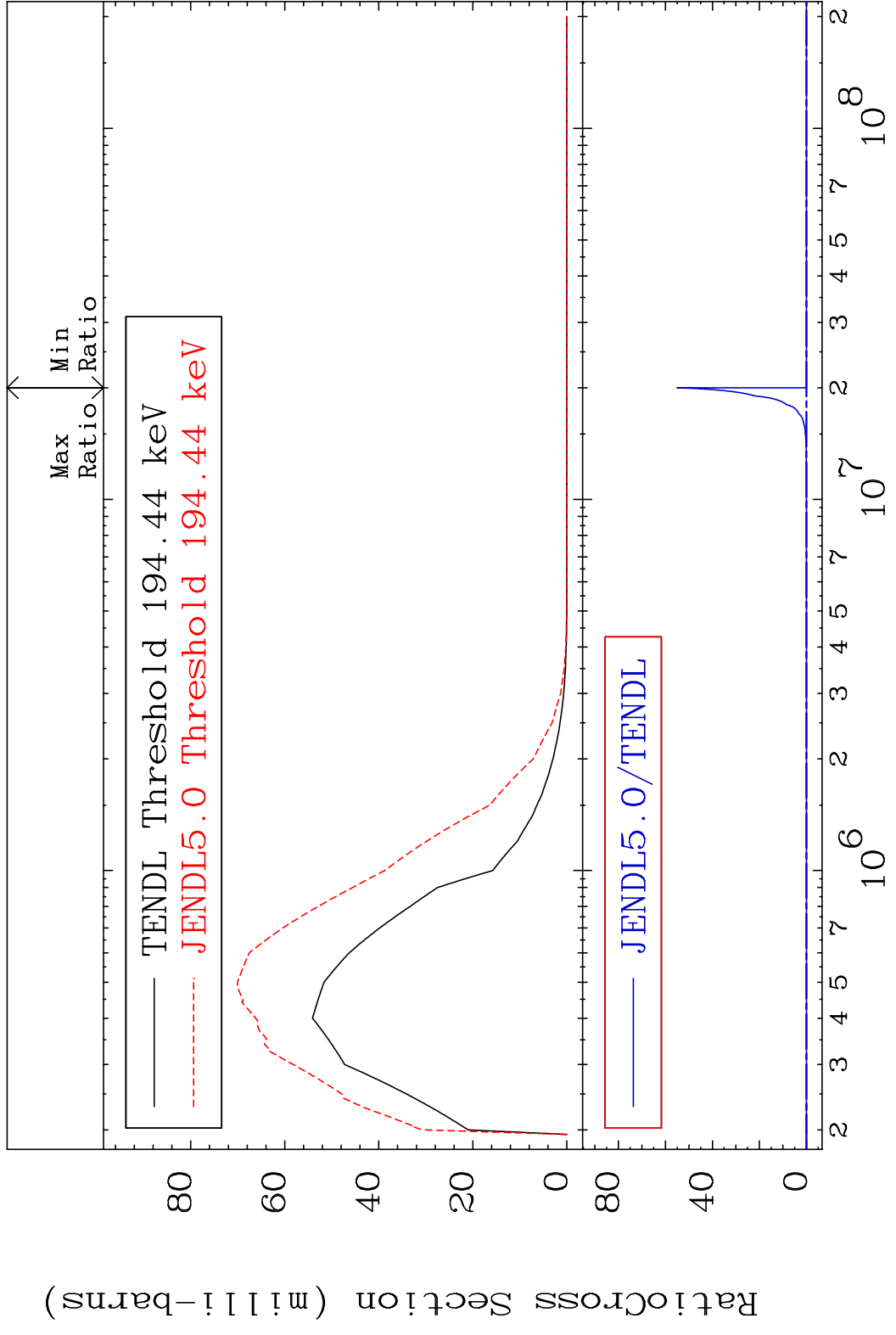
MAT 6922 MT= 61 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %



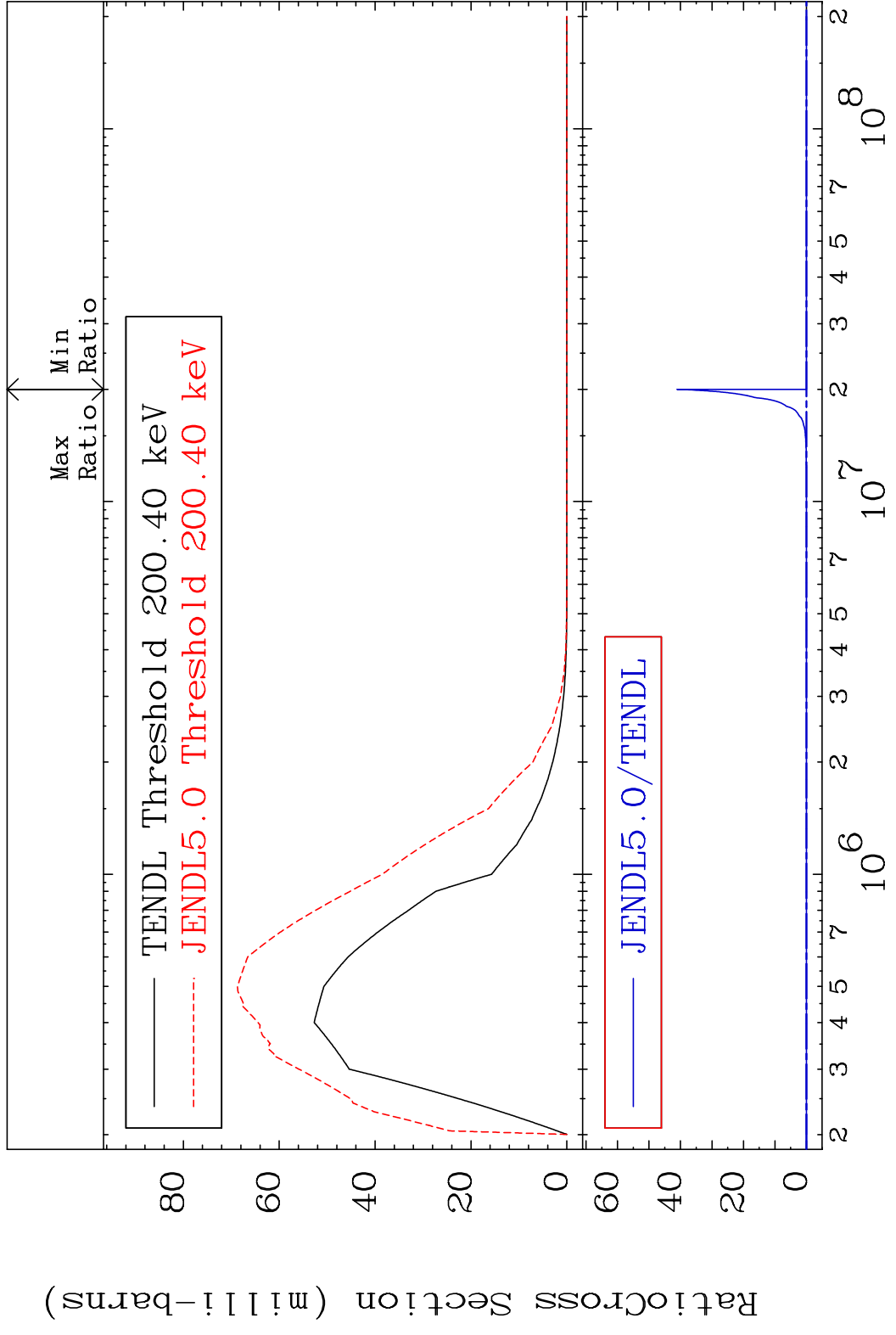
MAT 6922 MT= 62 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 19.28 %



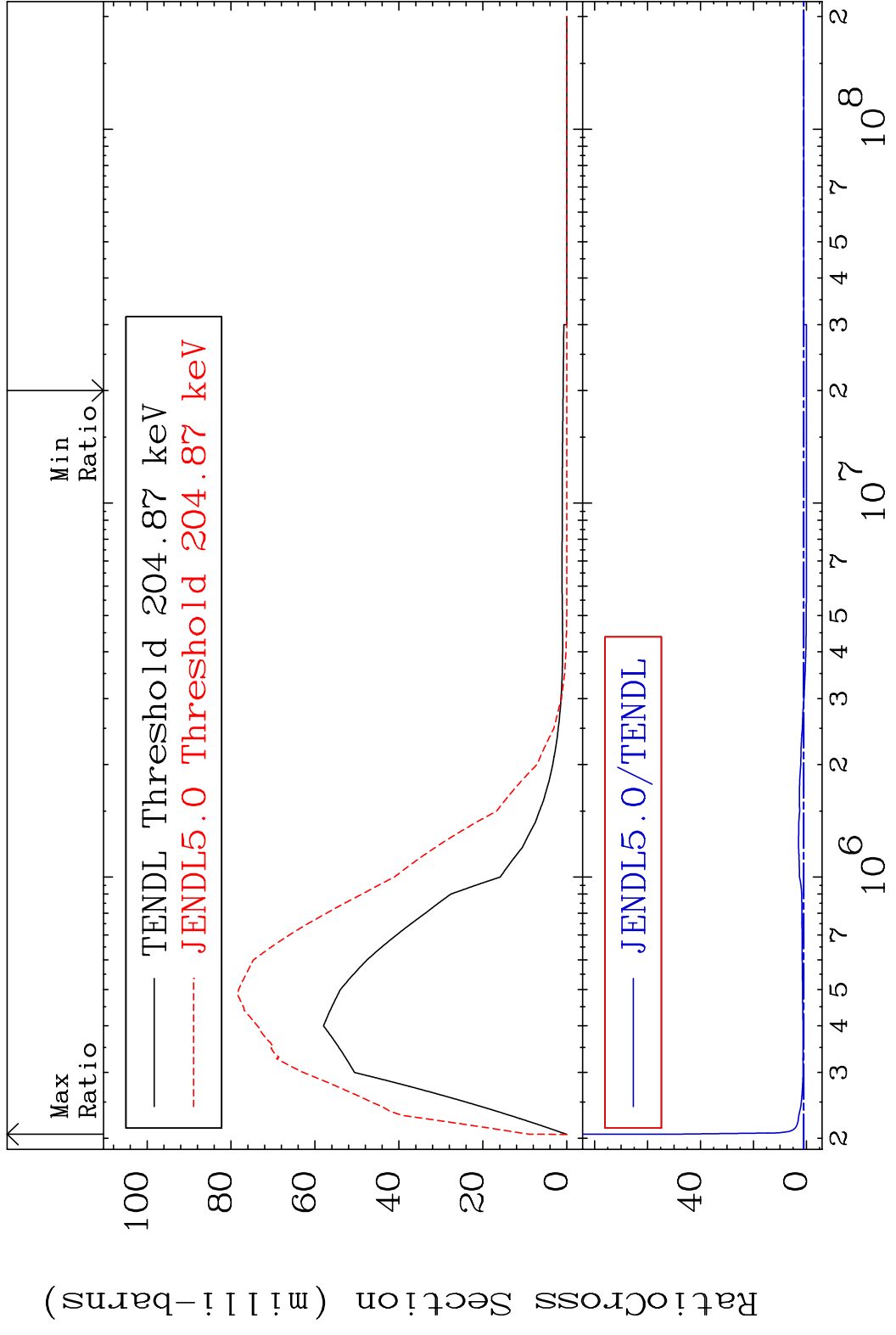
MAT 6922 MT= 63 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %



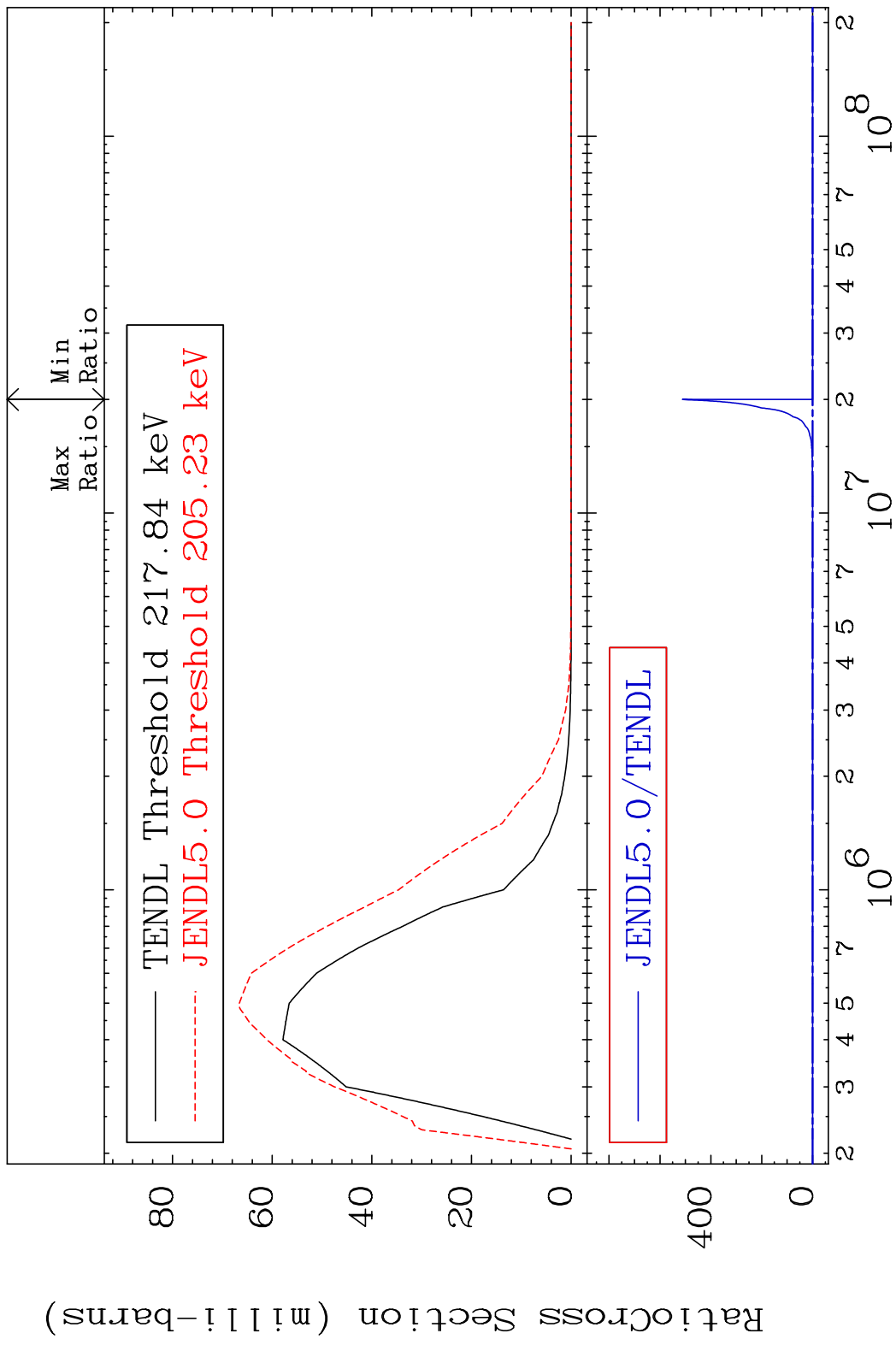
MAT 6922 MT= 64 (n,n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %



MAT 6922 MT= 65 (n,n') Level 69-Tm-168
 Cross Section -100.0 To 4780. %

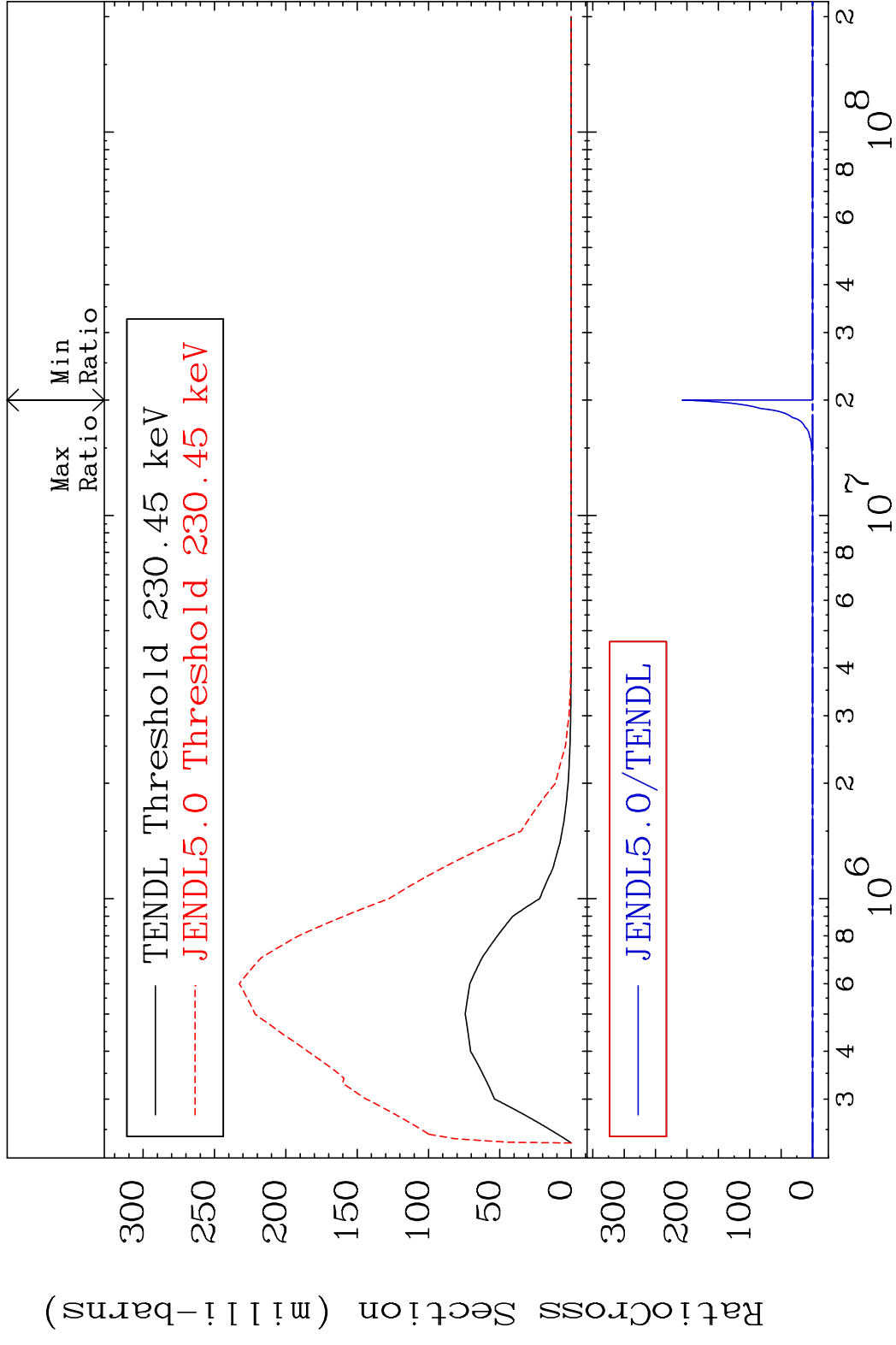


MAT 6922 MT= 66 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %

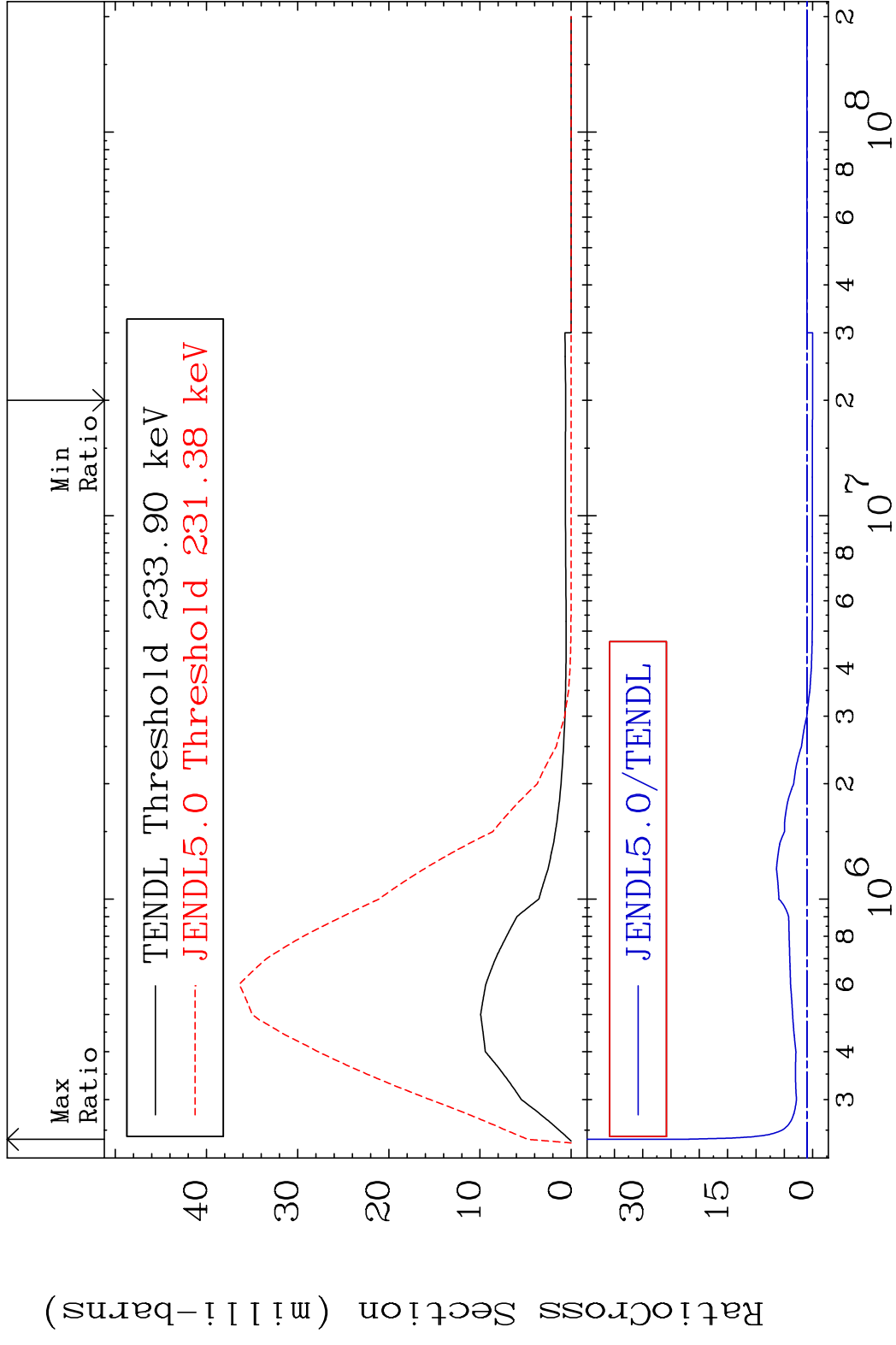


28 Incident Energy (eV) 69-Tm-168

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

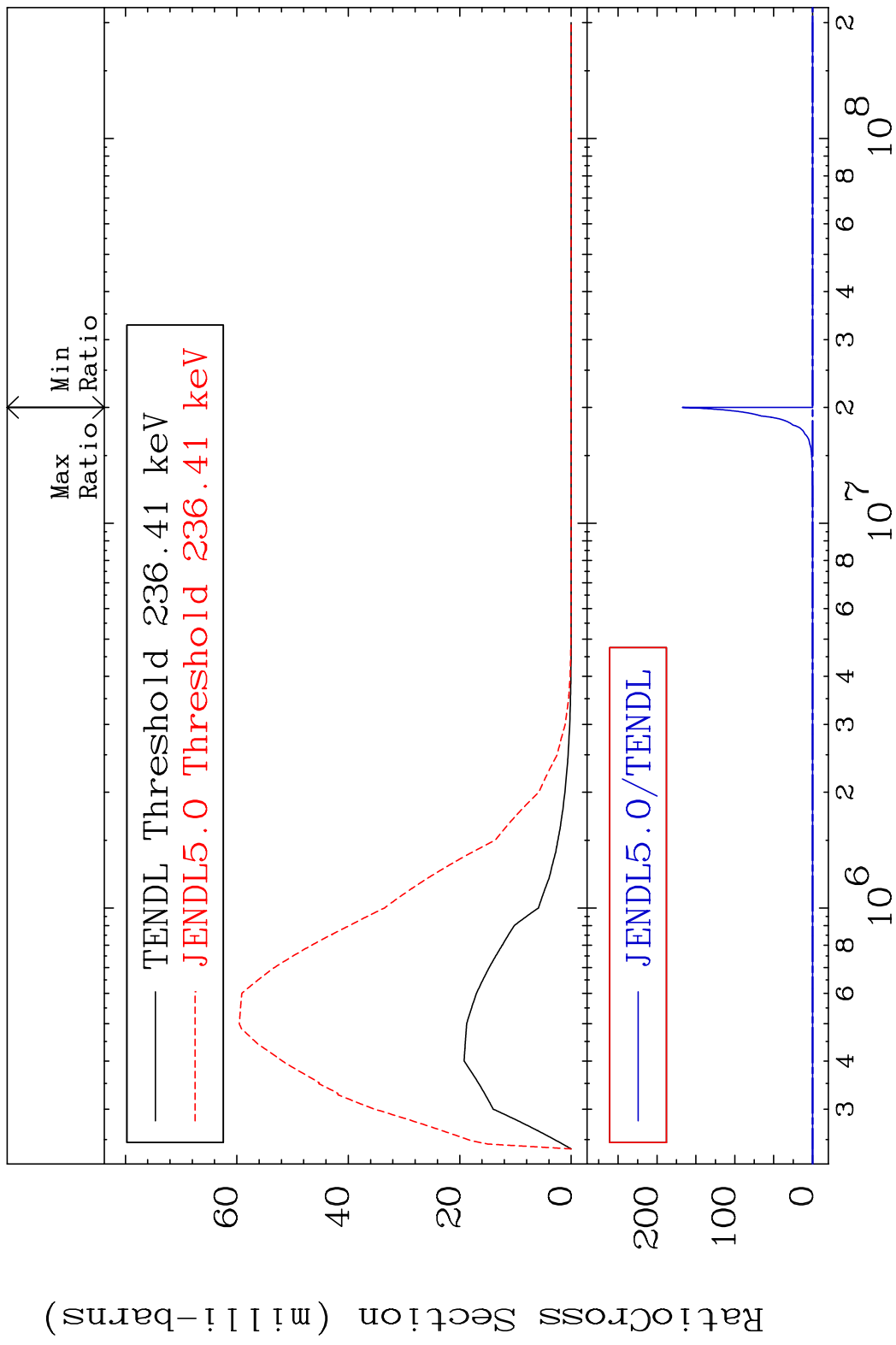


MAT 6922 MT= 68 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 2200. %

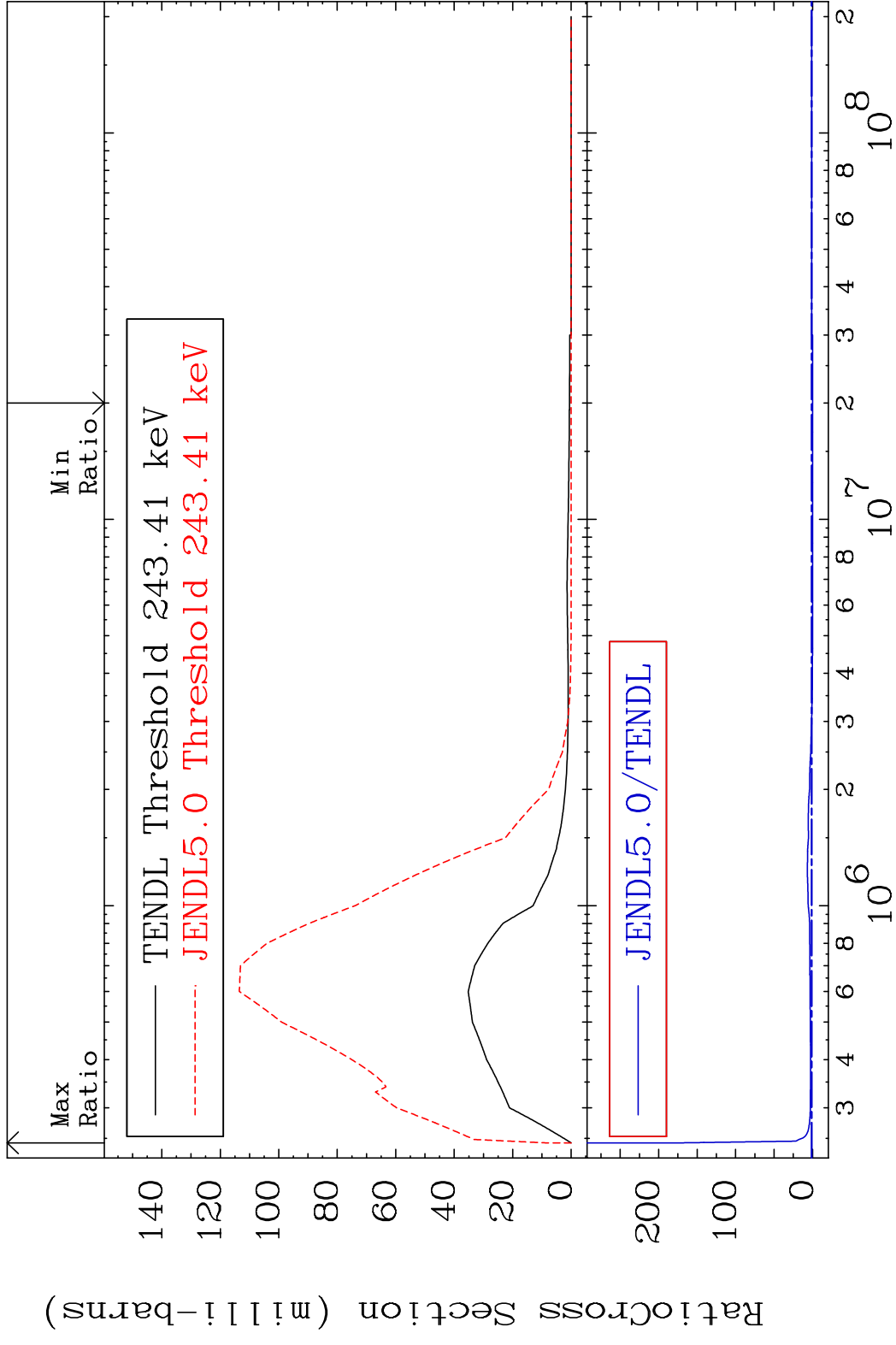


30 Incident Energy (eV) 69-Tm-168

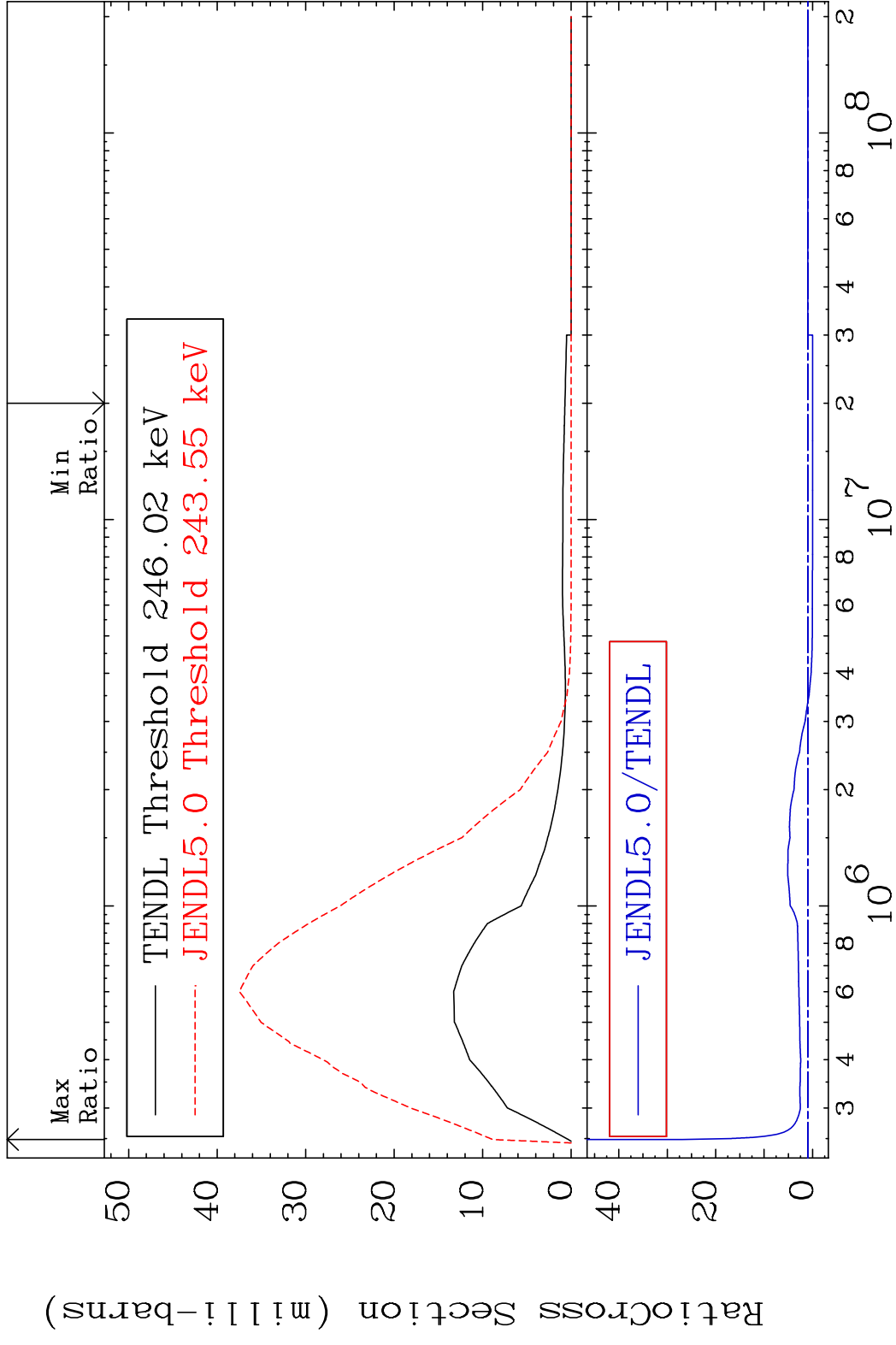
MAT 6922 MT= 69 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %



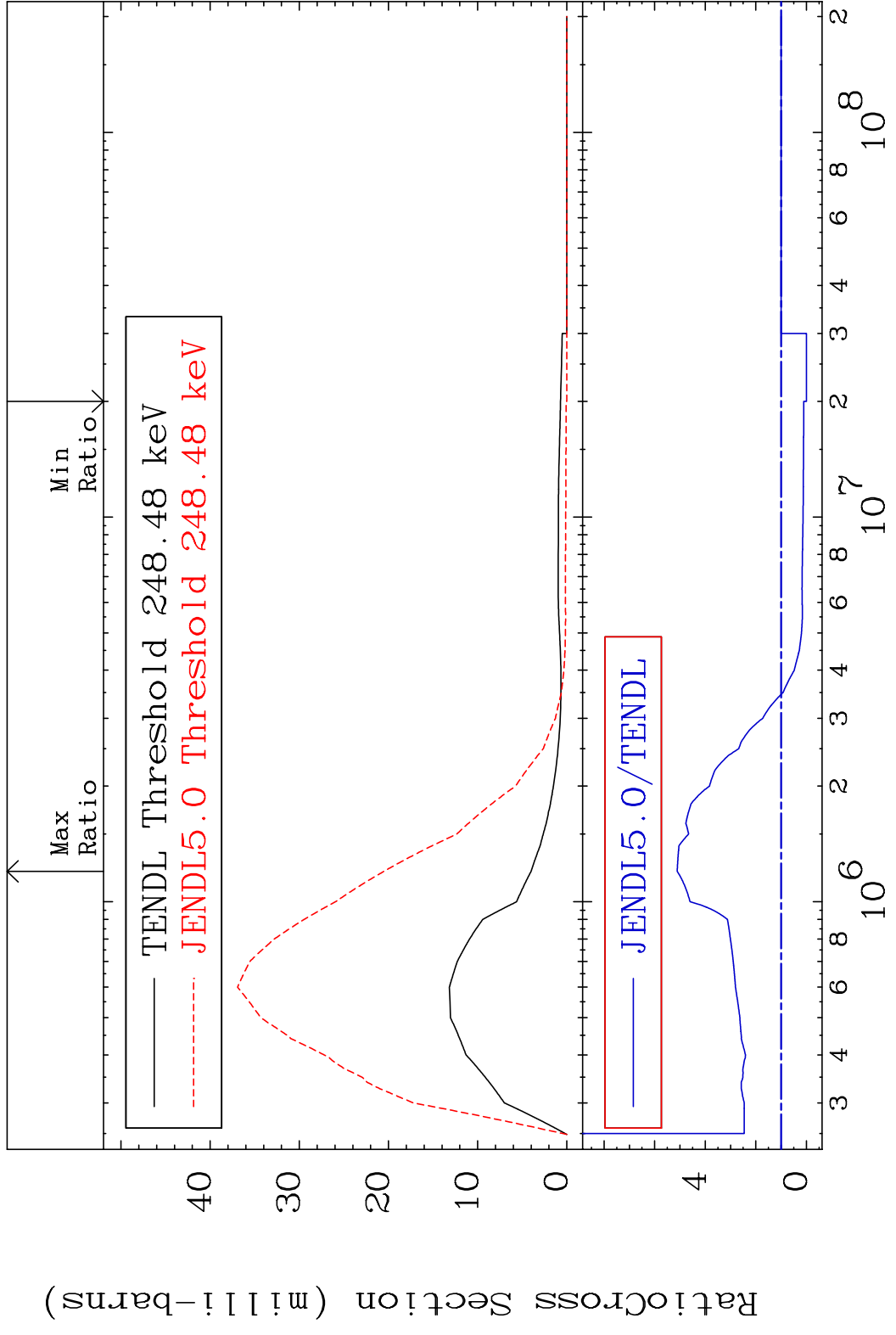
MAT 6922 MT= 70 (n,n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %



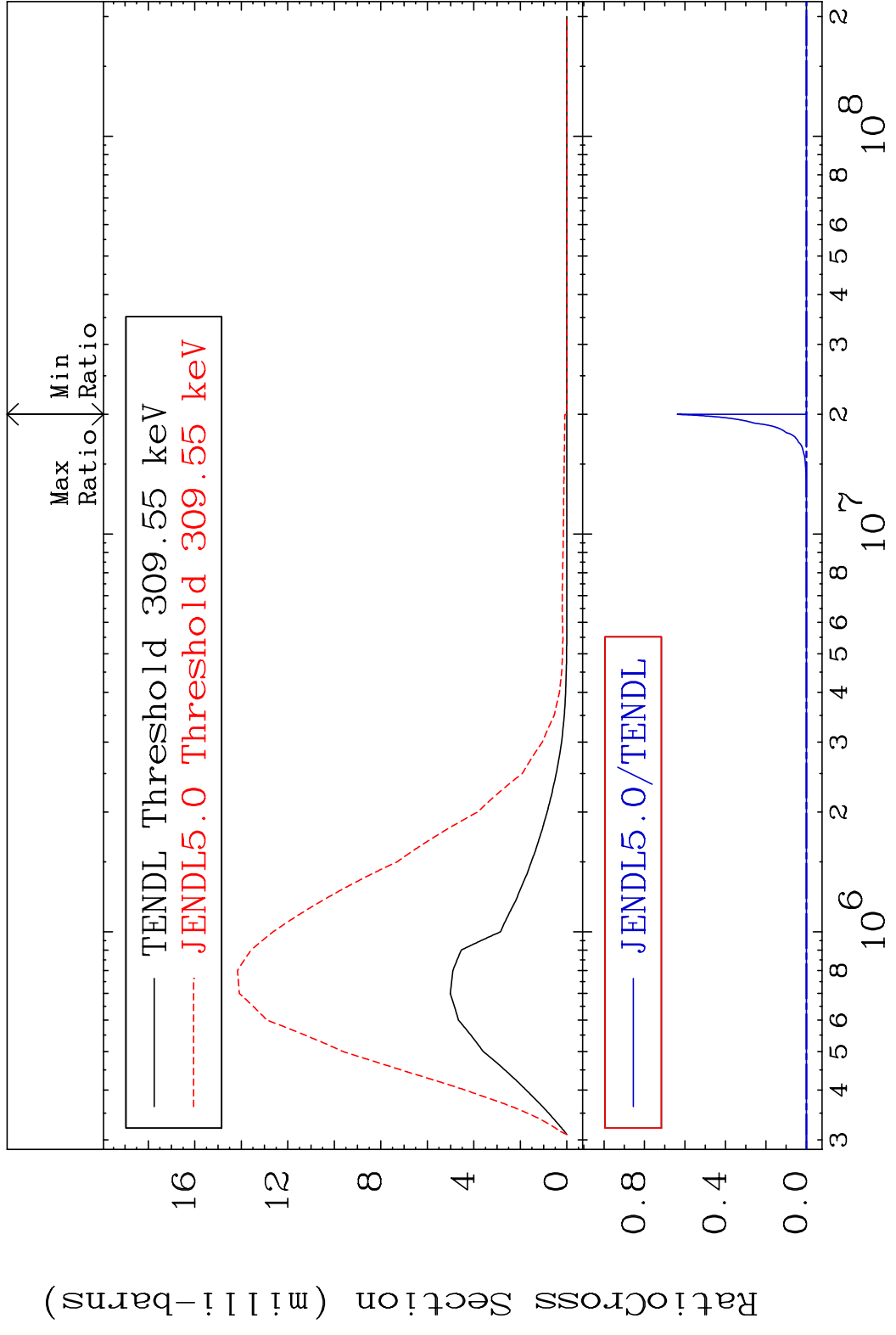
MAT 6922 MT= 71 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 2588. %



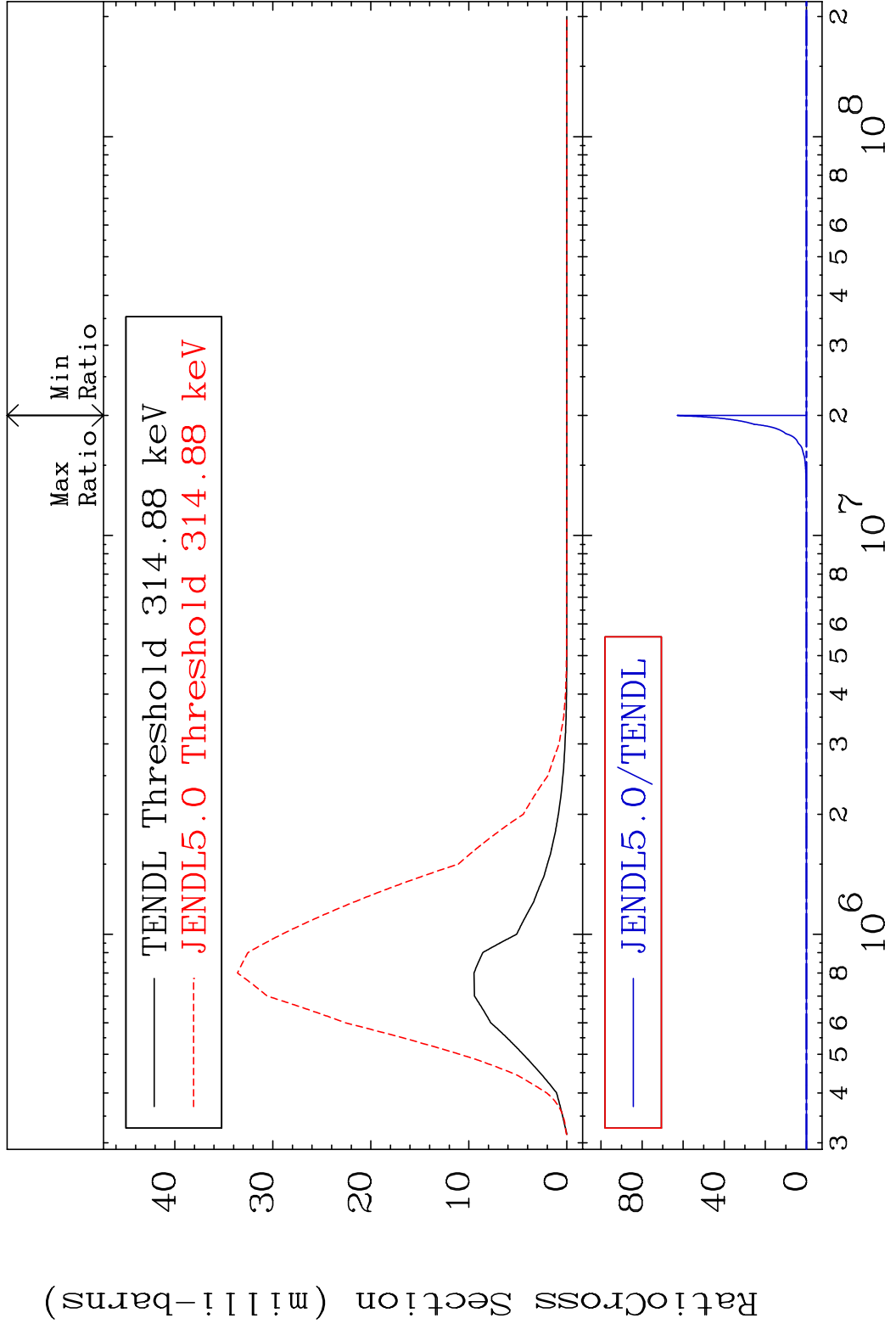
MAT 6922 MT= 72 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 410.9 %



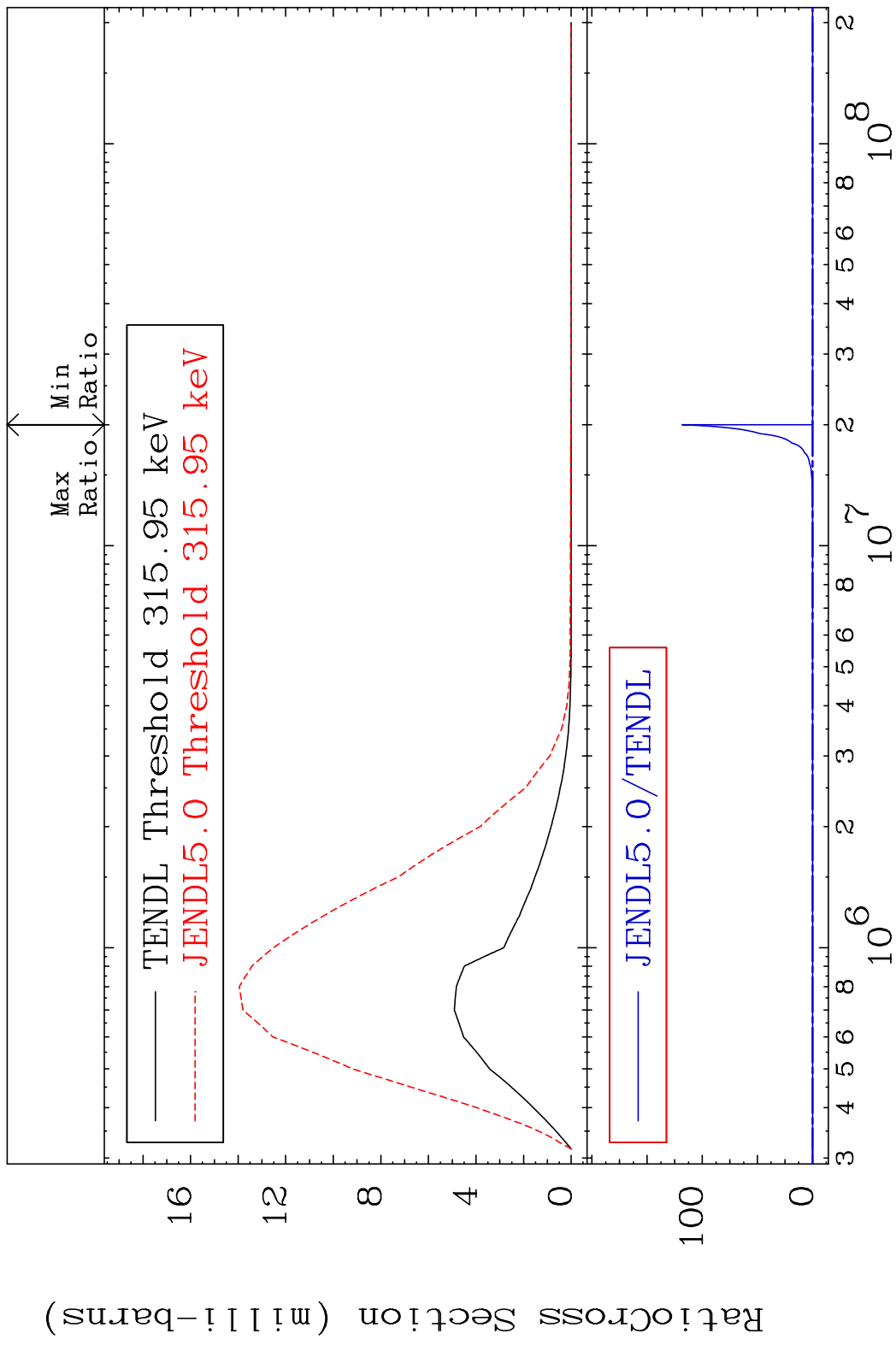
MAT 6922 MT= 73 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %



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

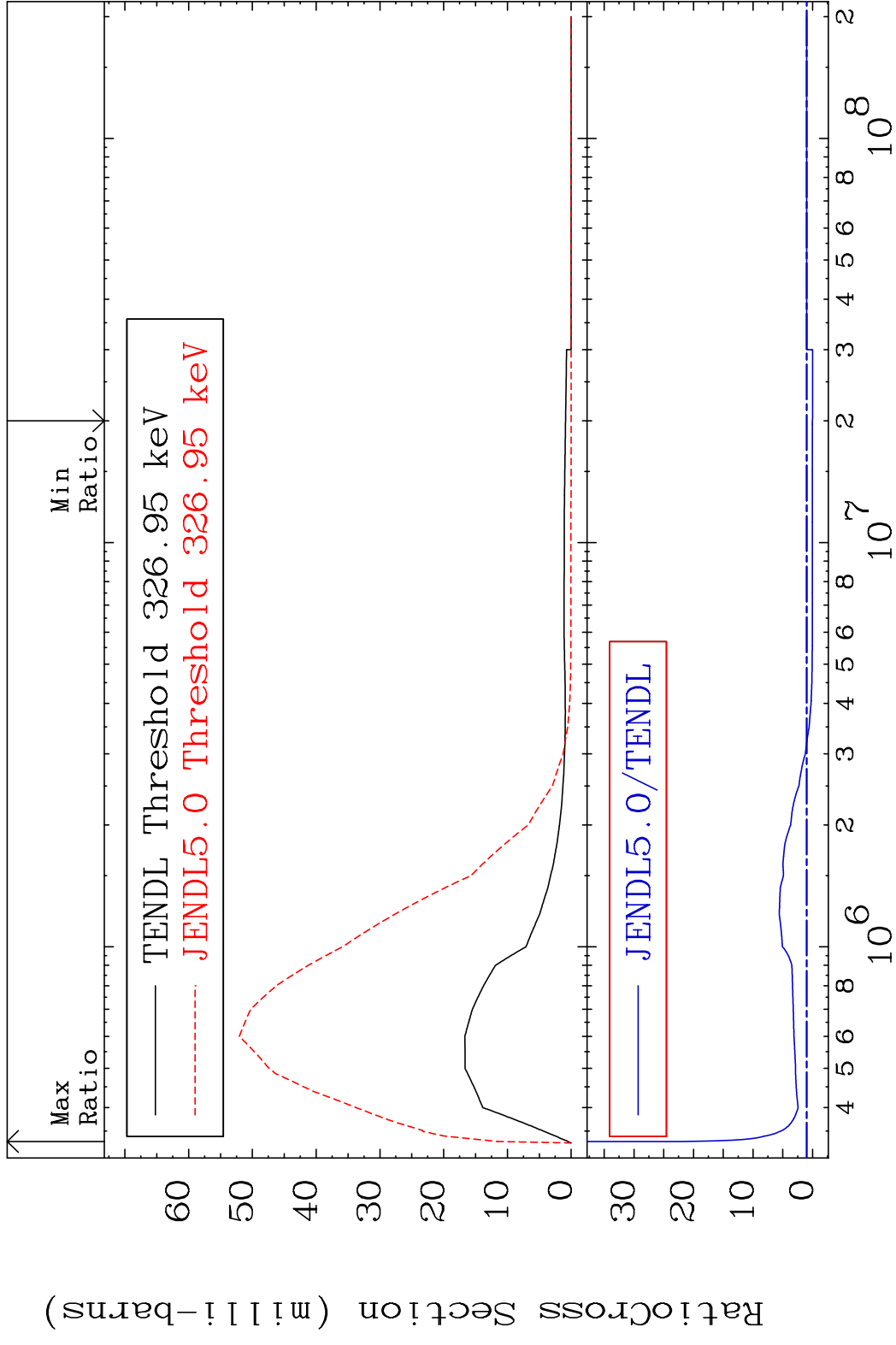


MAT 6922 MT= 75 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %

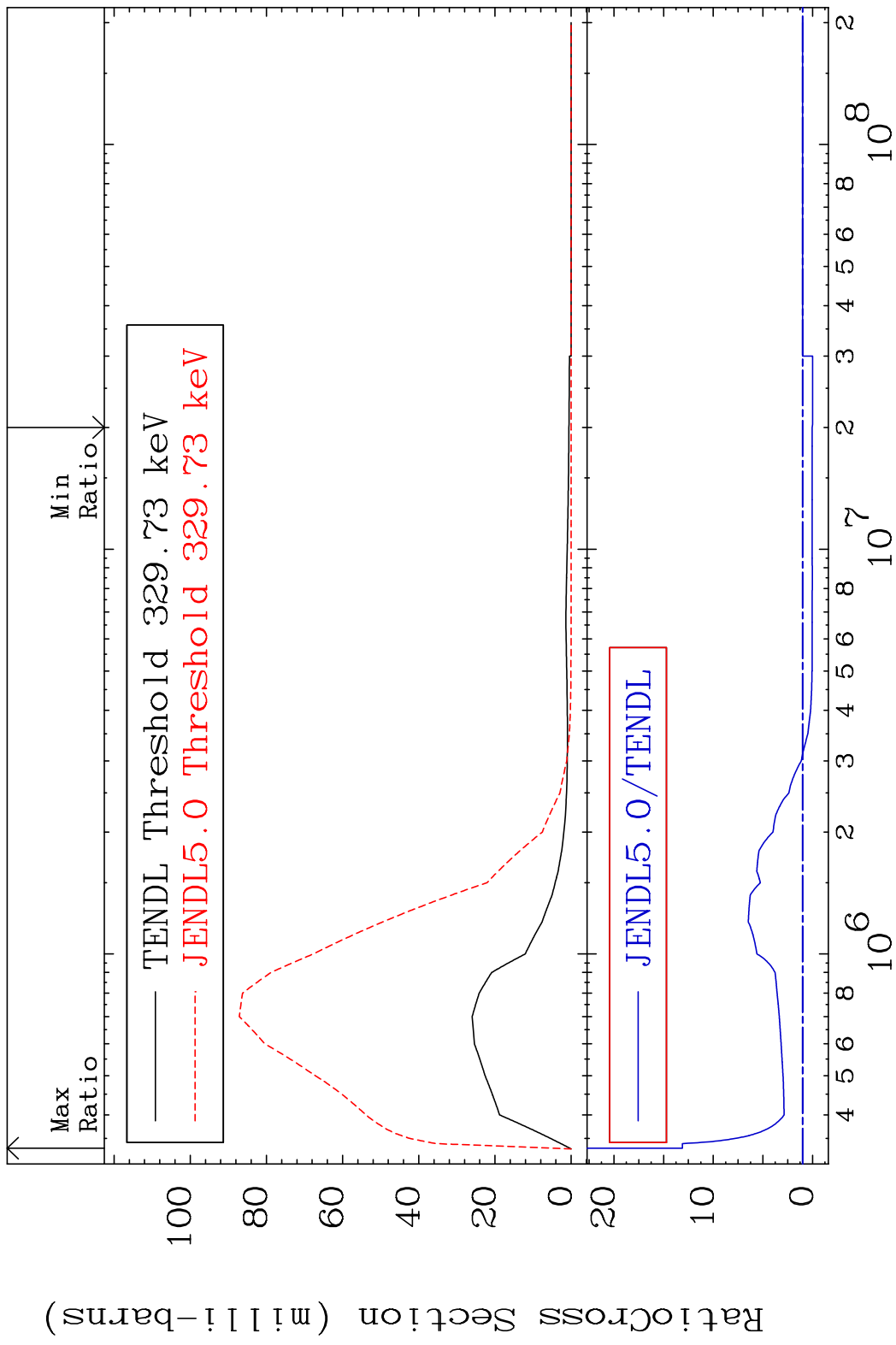


37 Incident Energy (eV) 69-Tm-168

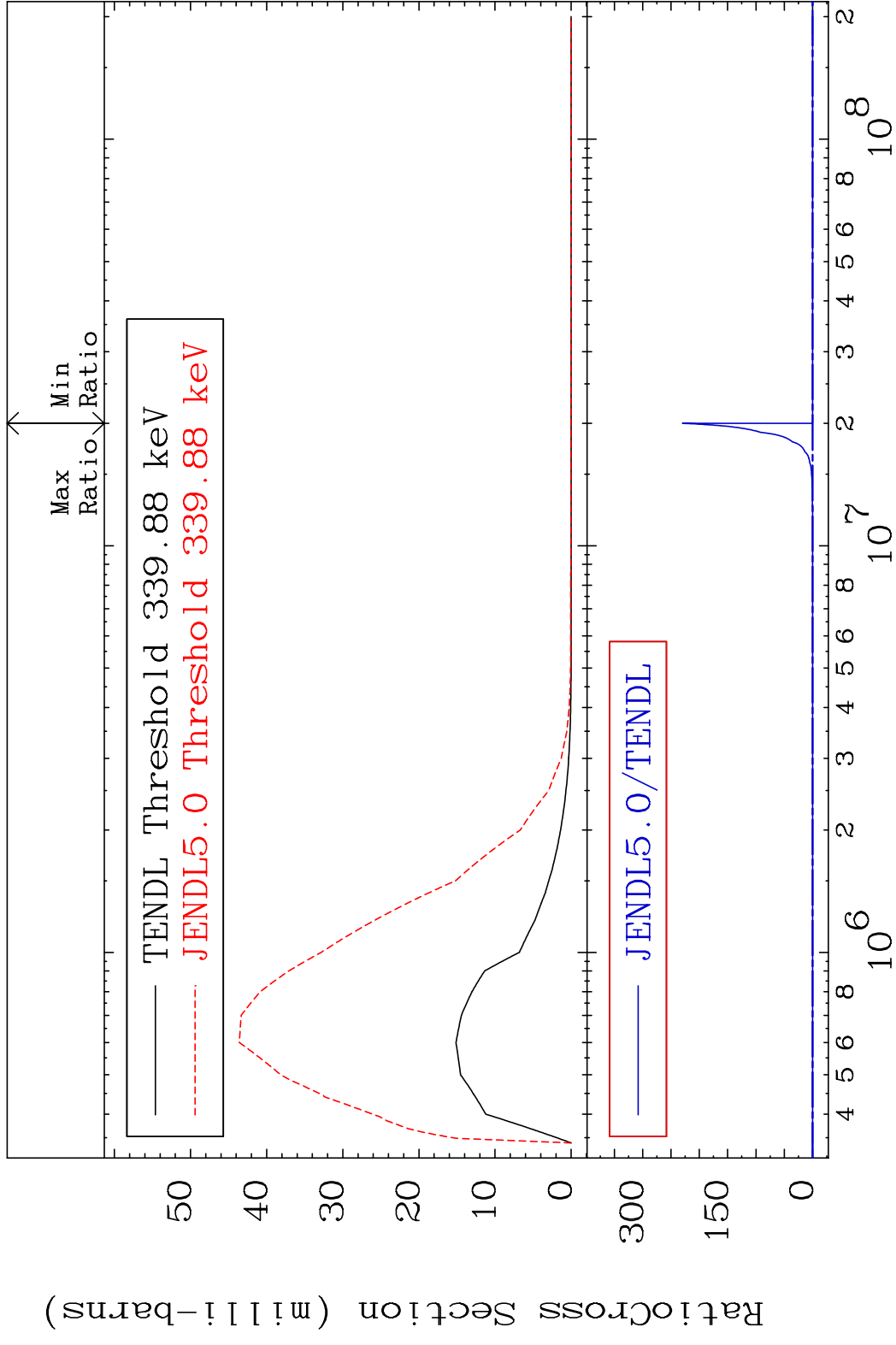
MAT 6922 MT= 76 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 2087. %



MAT 6922 MT= 77 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 1211. %

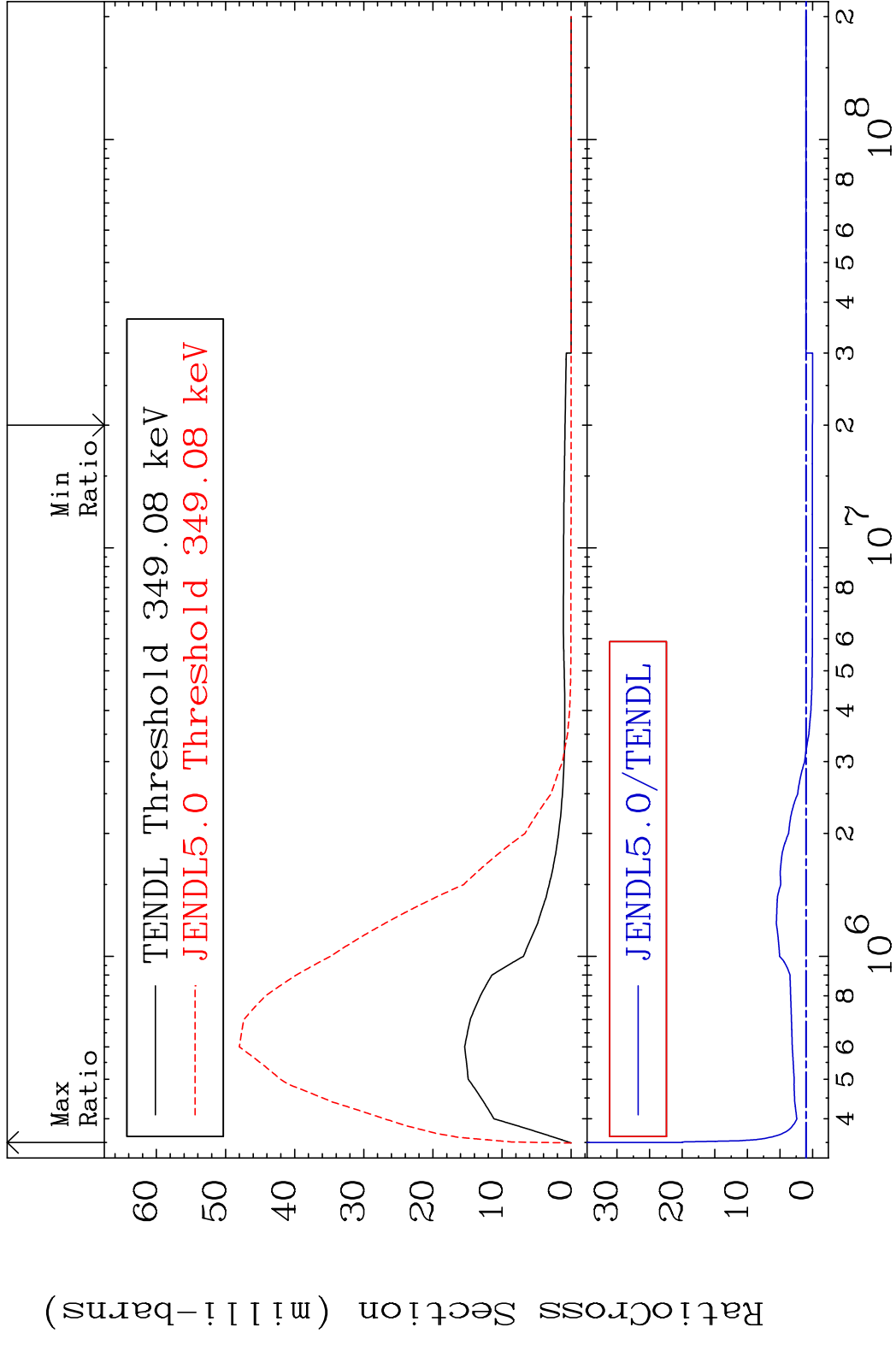


MAT 6922 MT= 78 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 9999. %

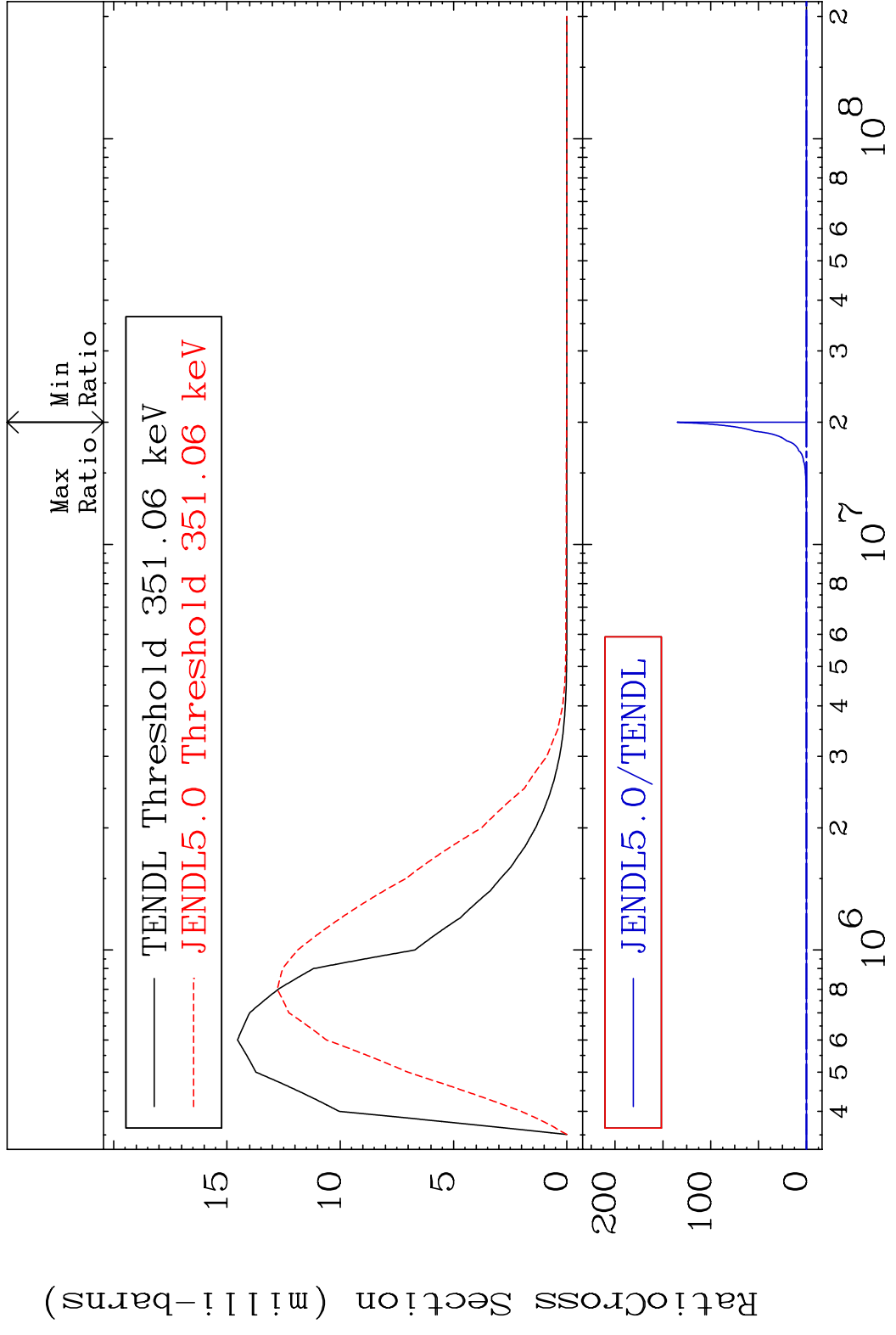


40 Incident Energy (eV) 69-Tm-168

MAT 6922 MT= 79 (n, n') Level 69-Tm-168
 Cross Section -100.0 To 1898. %



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

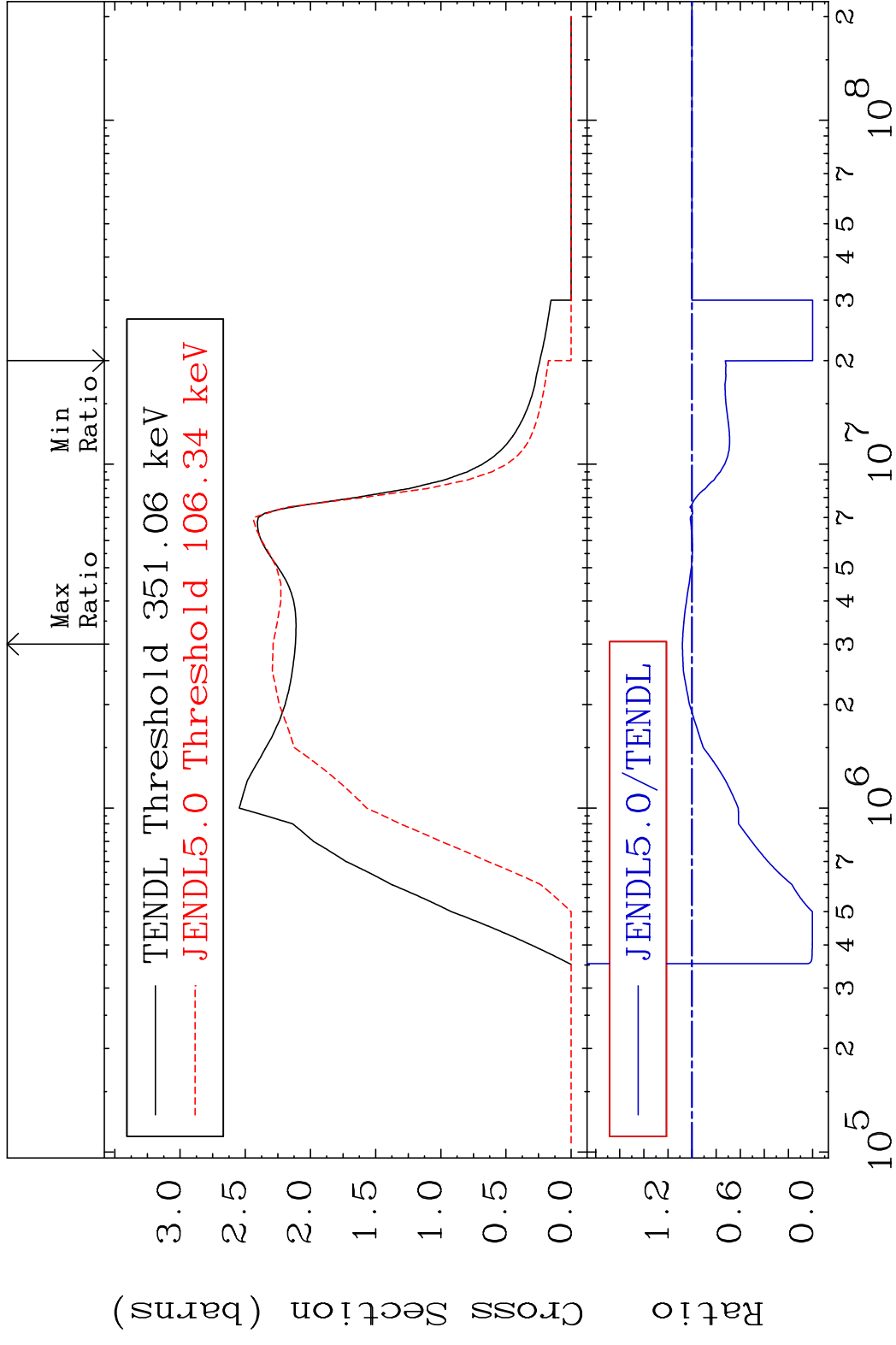


MAT 6922

(n, n') Continuum

69-Tm-168

Cross Section -100.0 To 8.041 %



43

Incident Energy (eV)

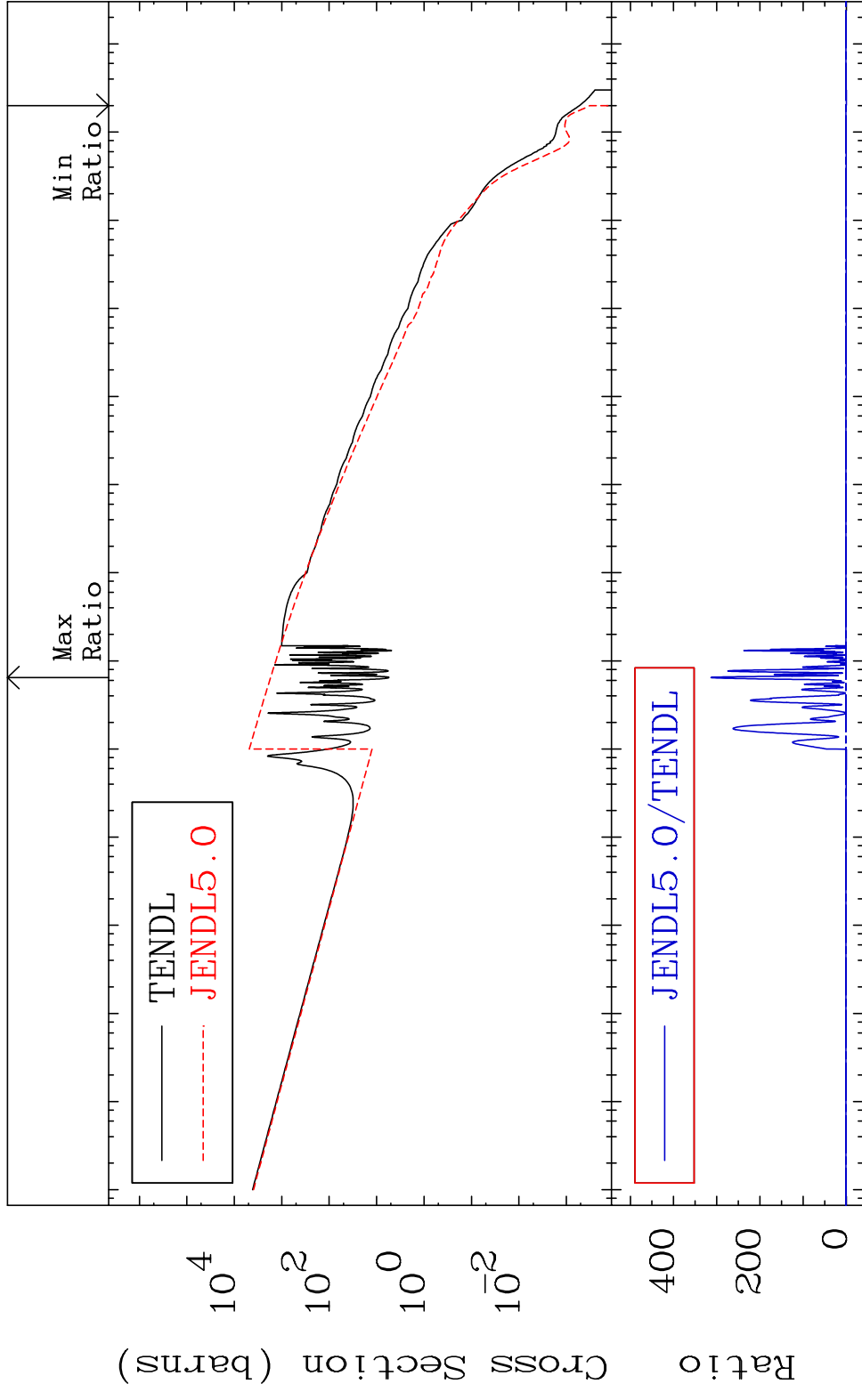
69-Tm-168

MAT 6922

69-Tm-168

(n, γ)

Cross Section -100.0 To 9999. %

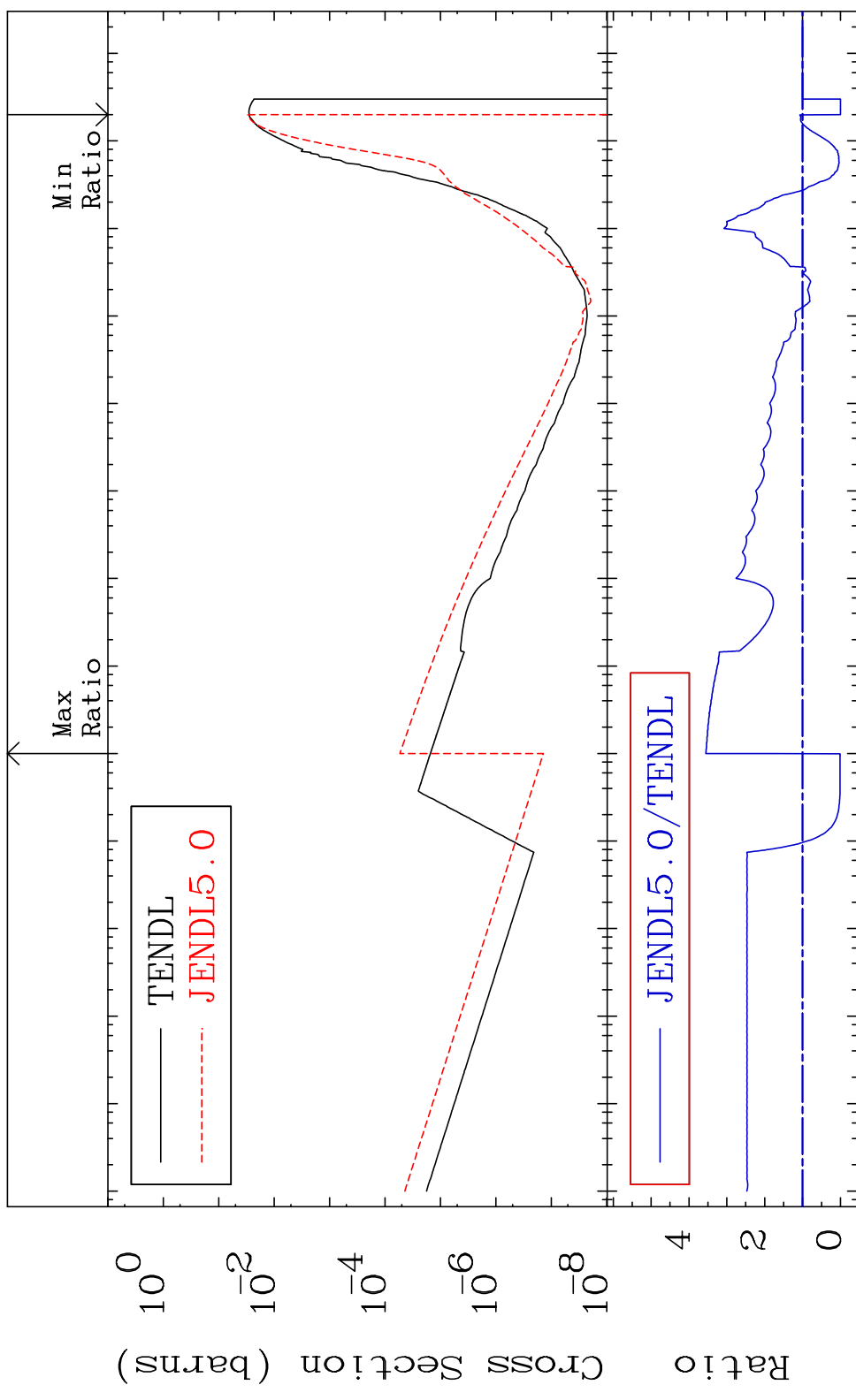


MAT 6922

(n, p)

69-Tm-168

Cross Section -100.0 To 255.7 %



45

Incident Energy (eV)

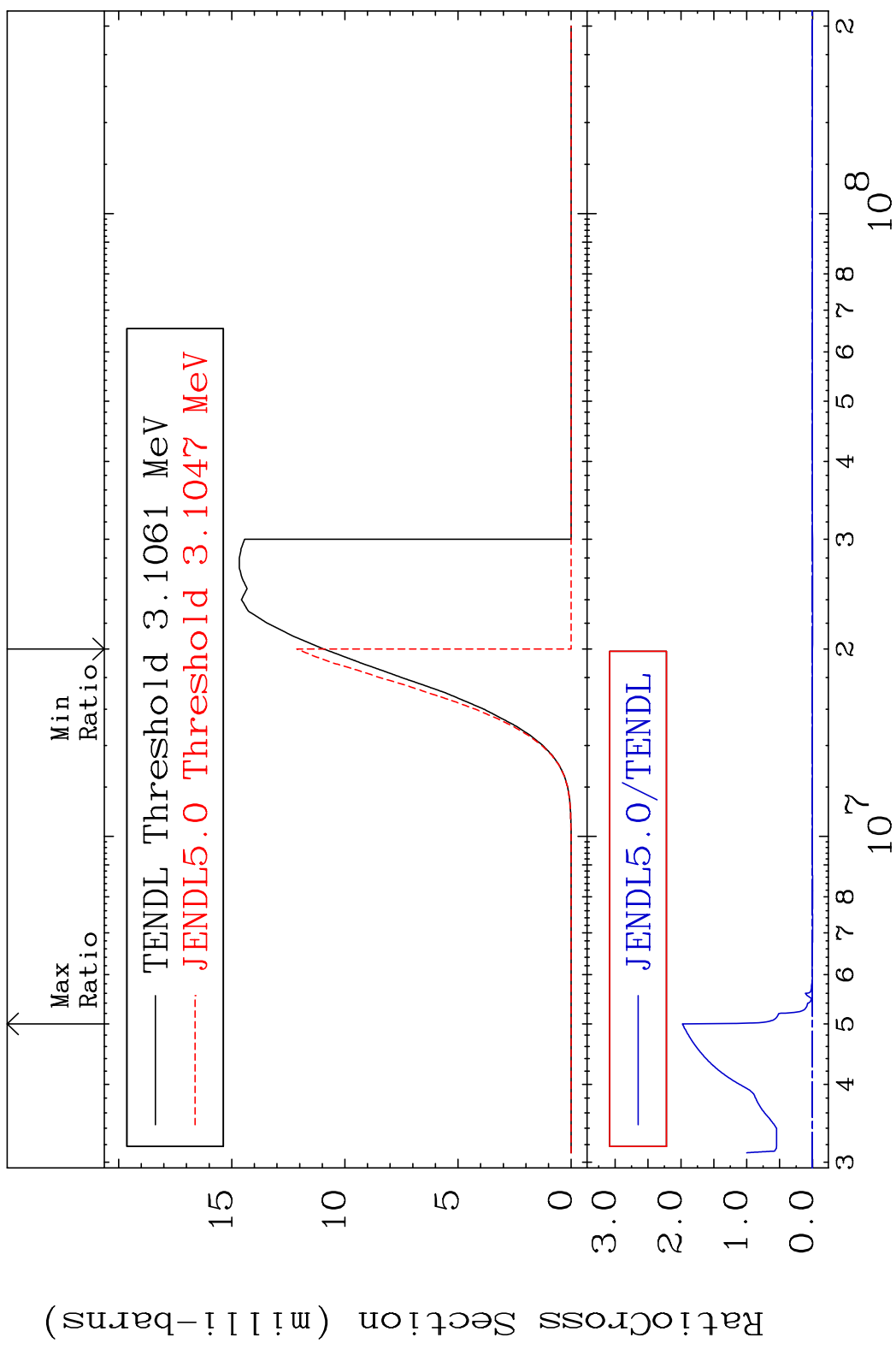
69-Tm-168

MAT 6922

(n, d)

69-Tm-168

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

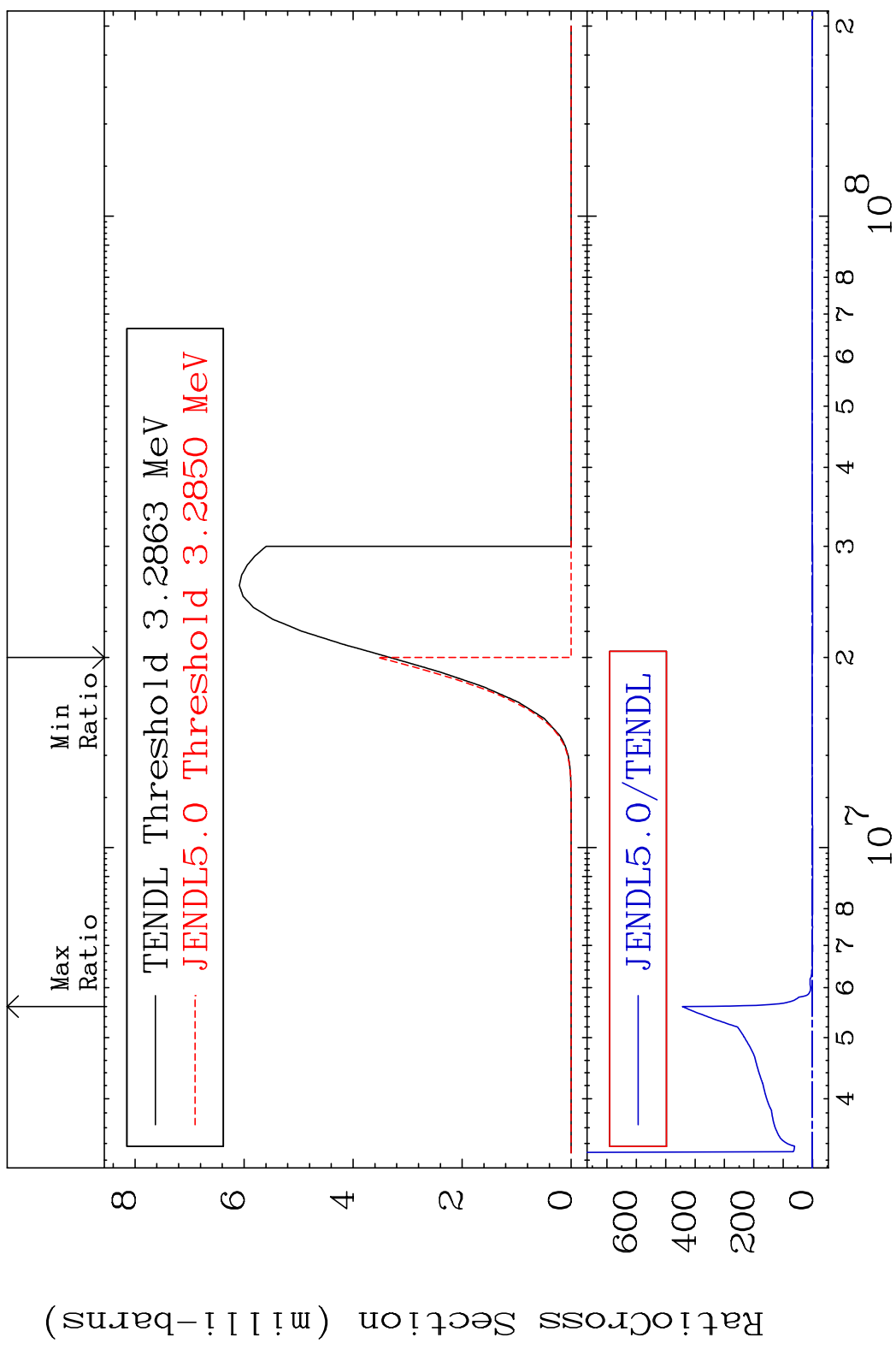
69-Tm-168

MAT 6922

(n, t)

69-Tm-168

Cross Section -100.0 To 9999. %

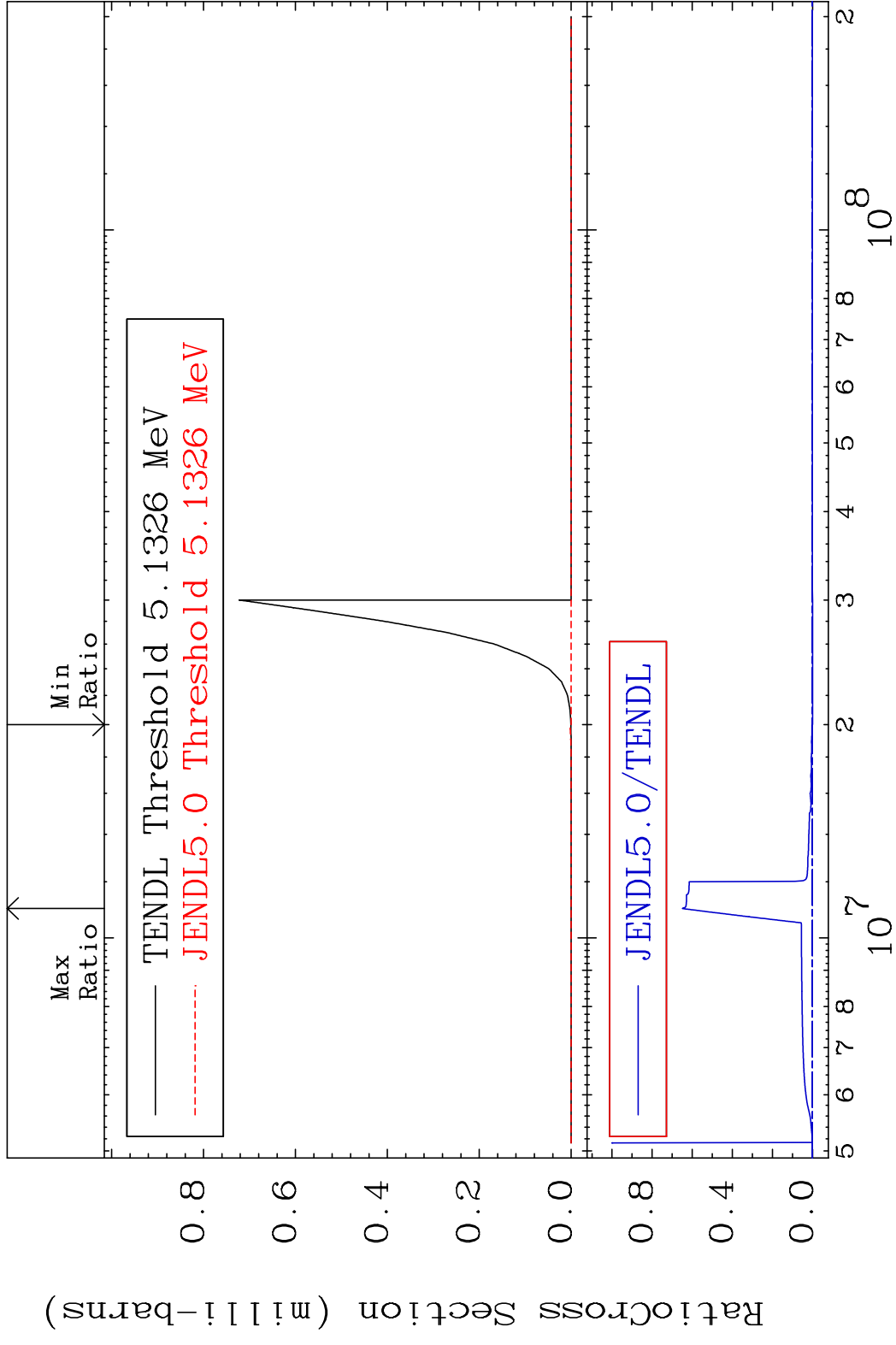


MAT 6922

(n, He-3)

69-Tm-168

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

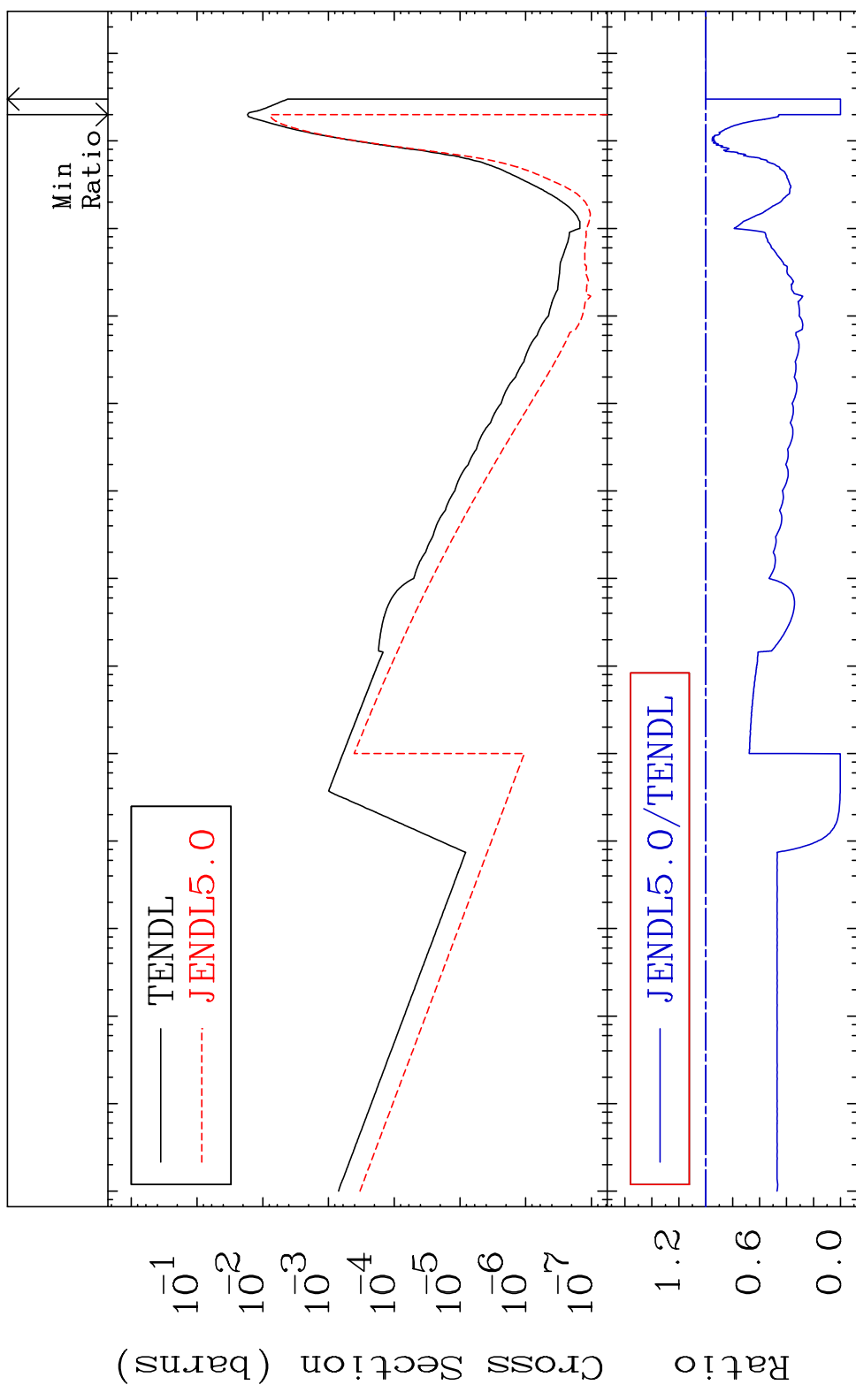
69-Tm-168

MAT 6922

(n, α)

69-Tm-168

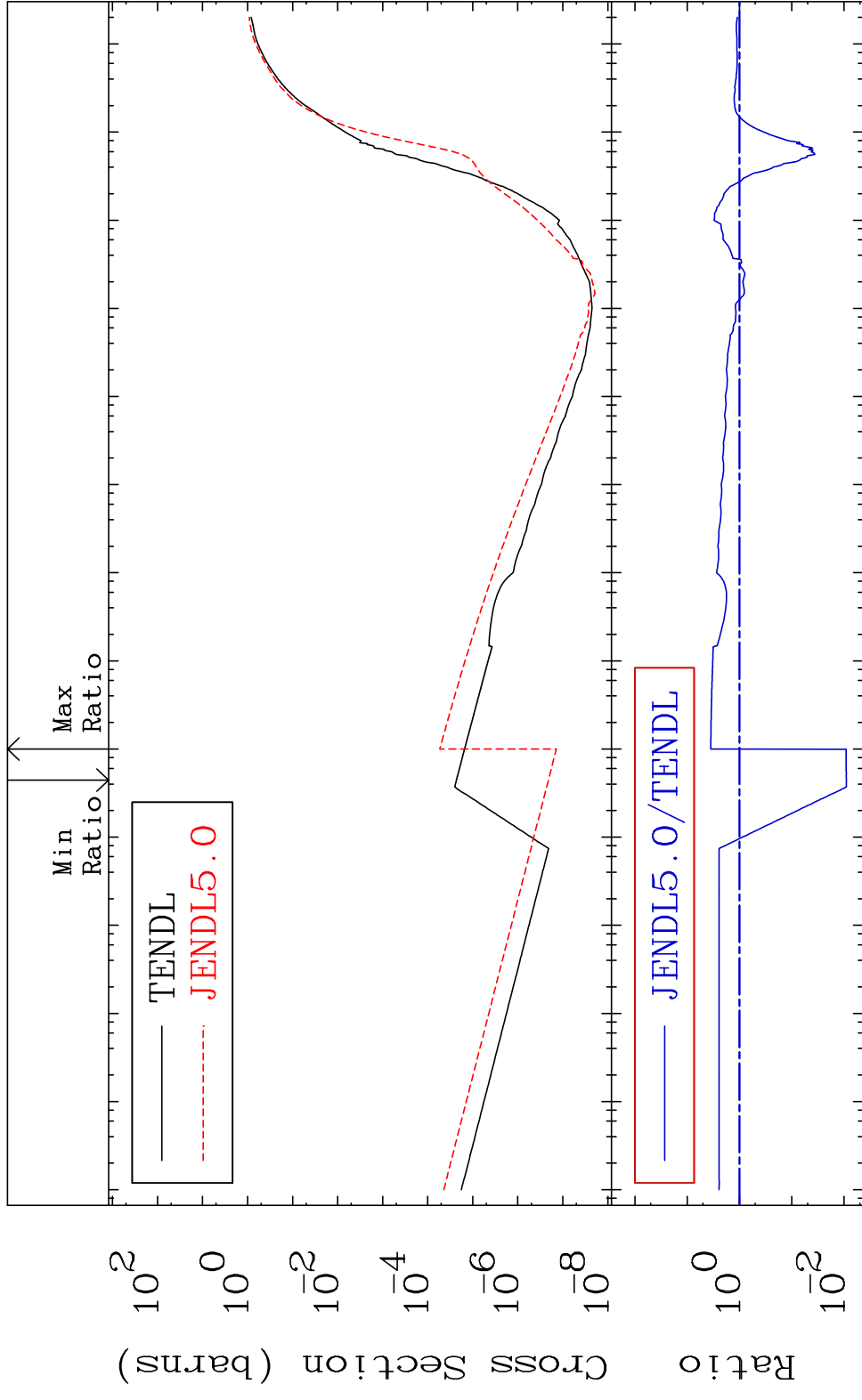
Cross Section -100.0 To 0.000 %



MAT 6922

Hydrogen Production
Cross Section -99.09 To 255.7 %

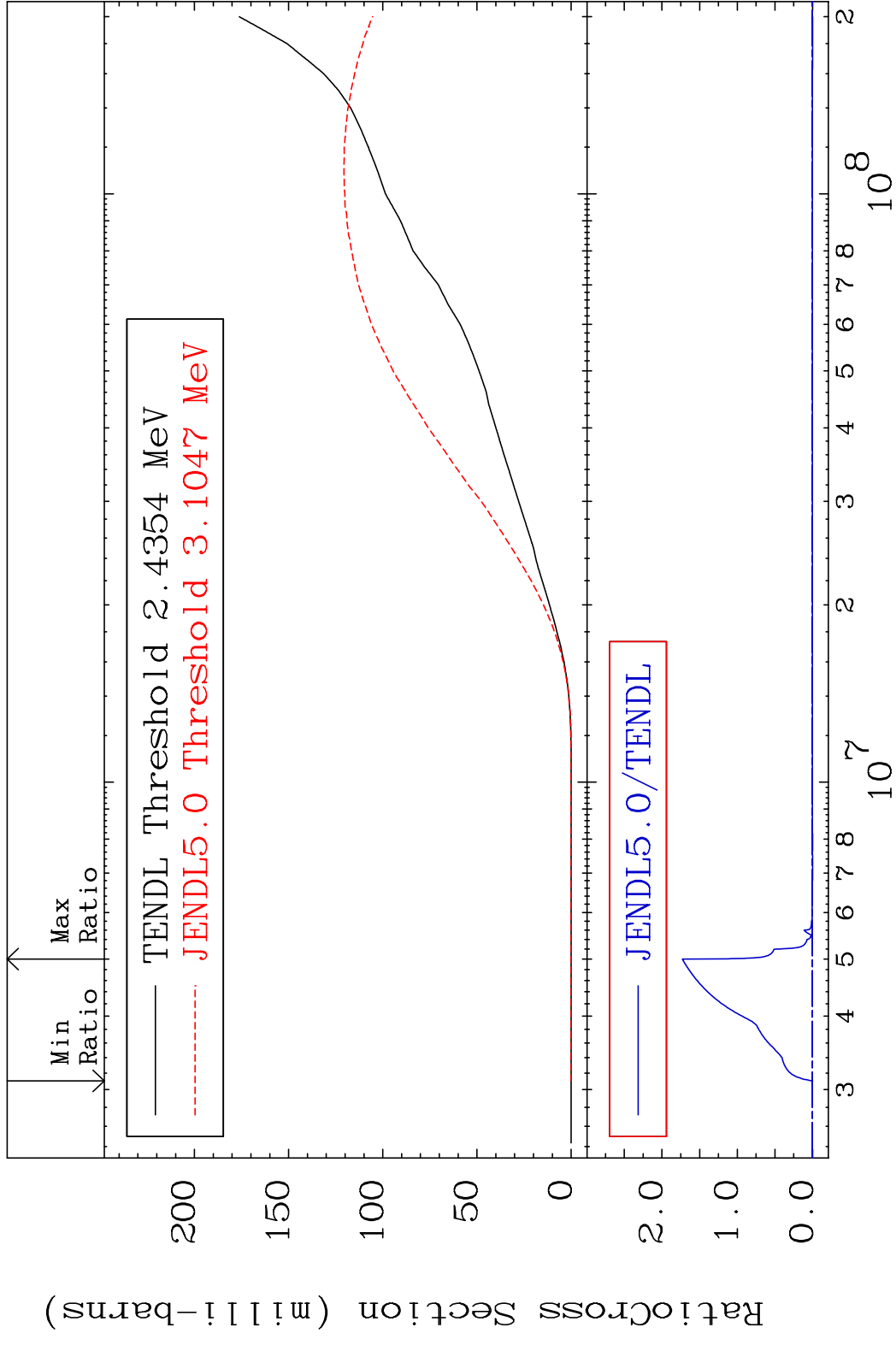
69-Tm-168

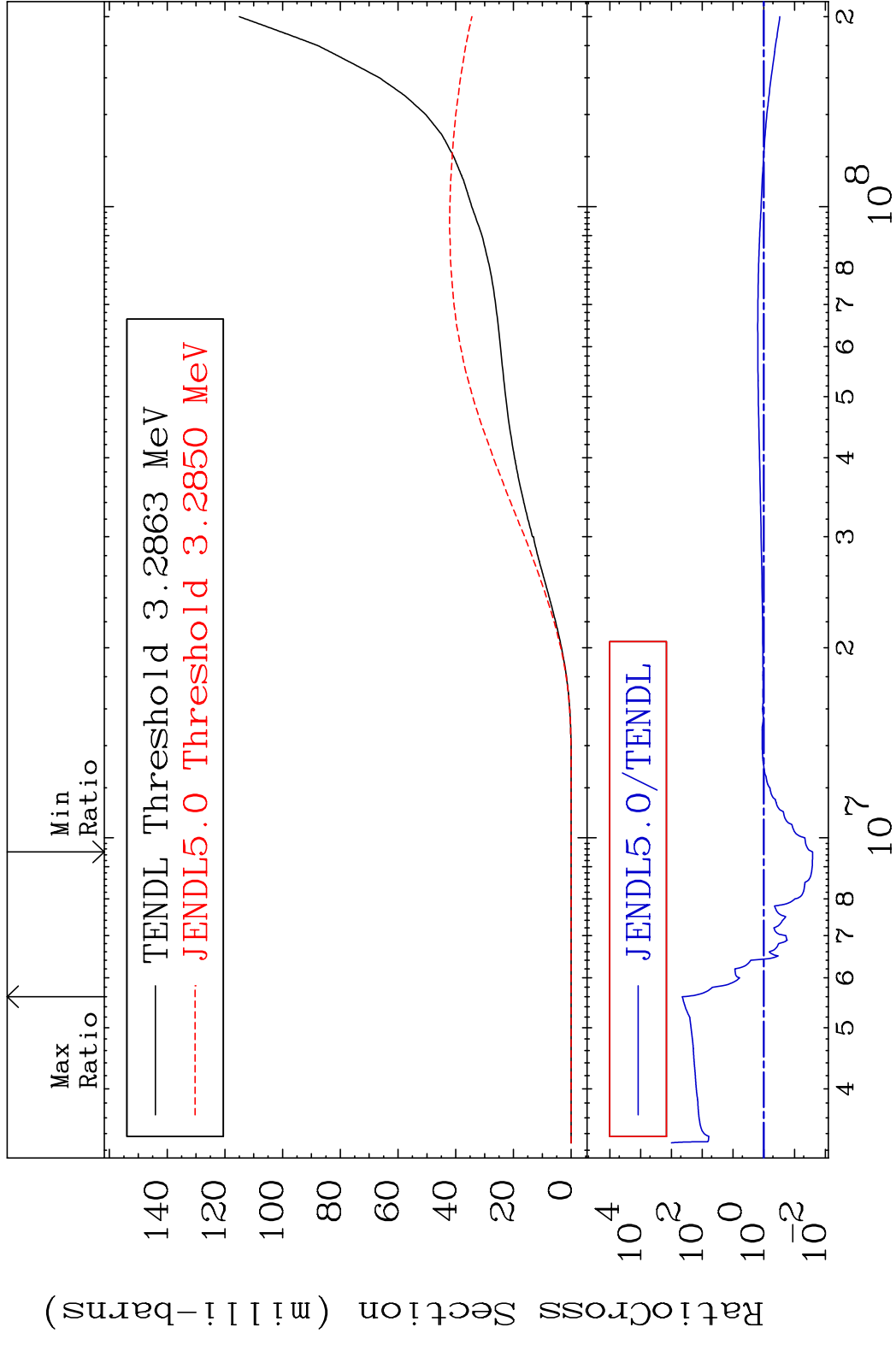


50

Incident Energy (eV)

69-Tm-168



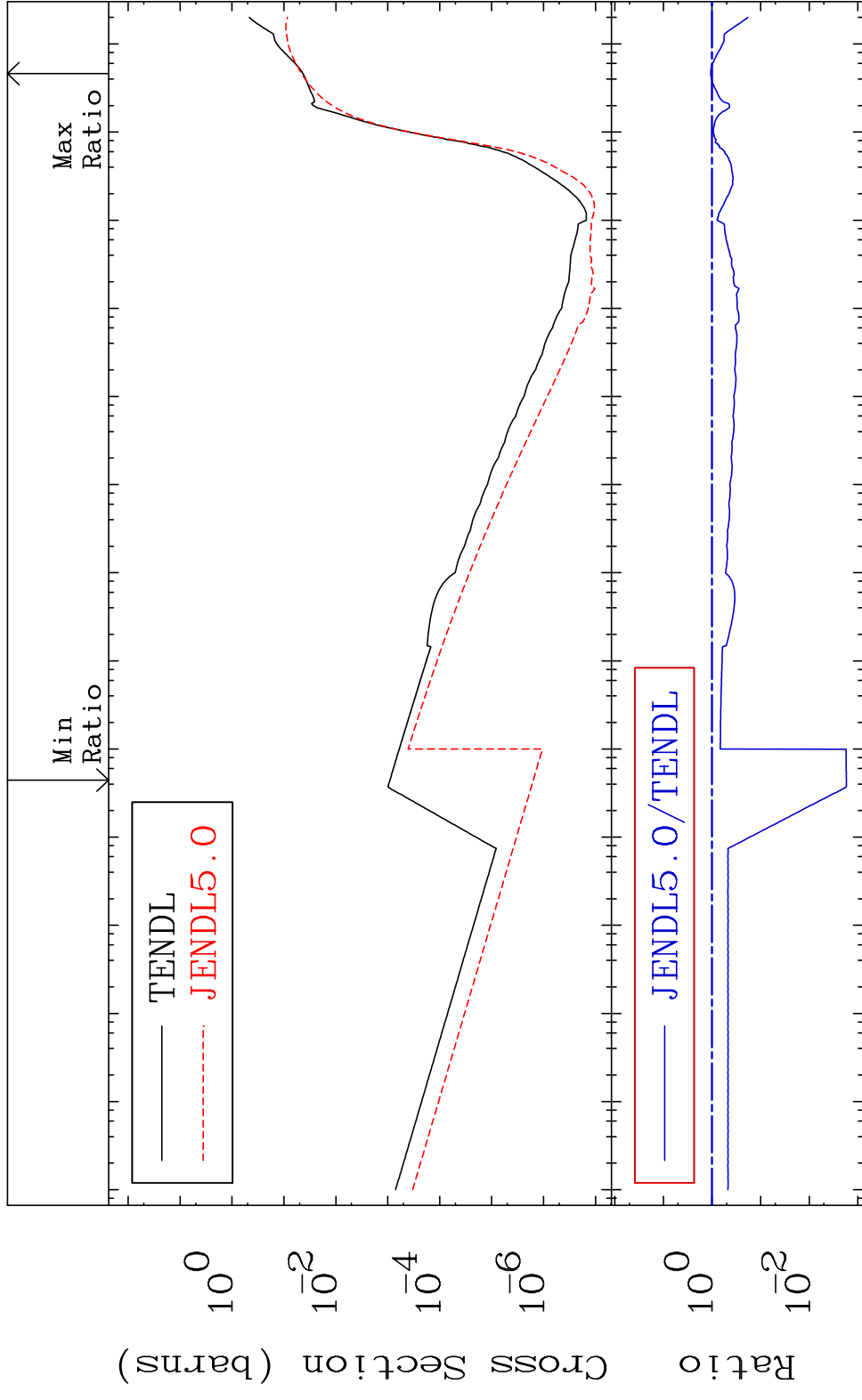


MAT 6922

He-4 Production

69-Tm-168

Cross Section -99.83 To 6.510 %



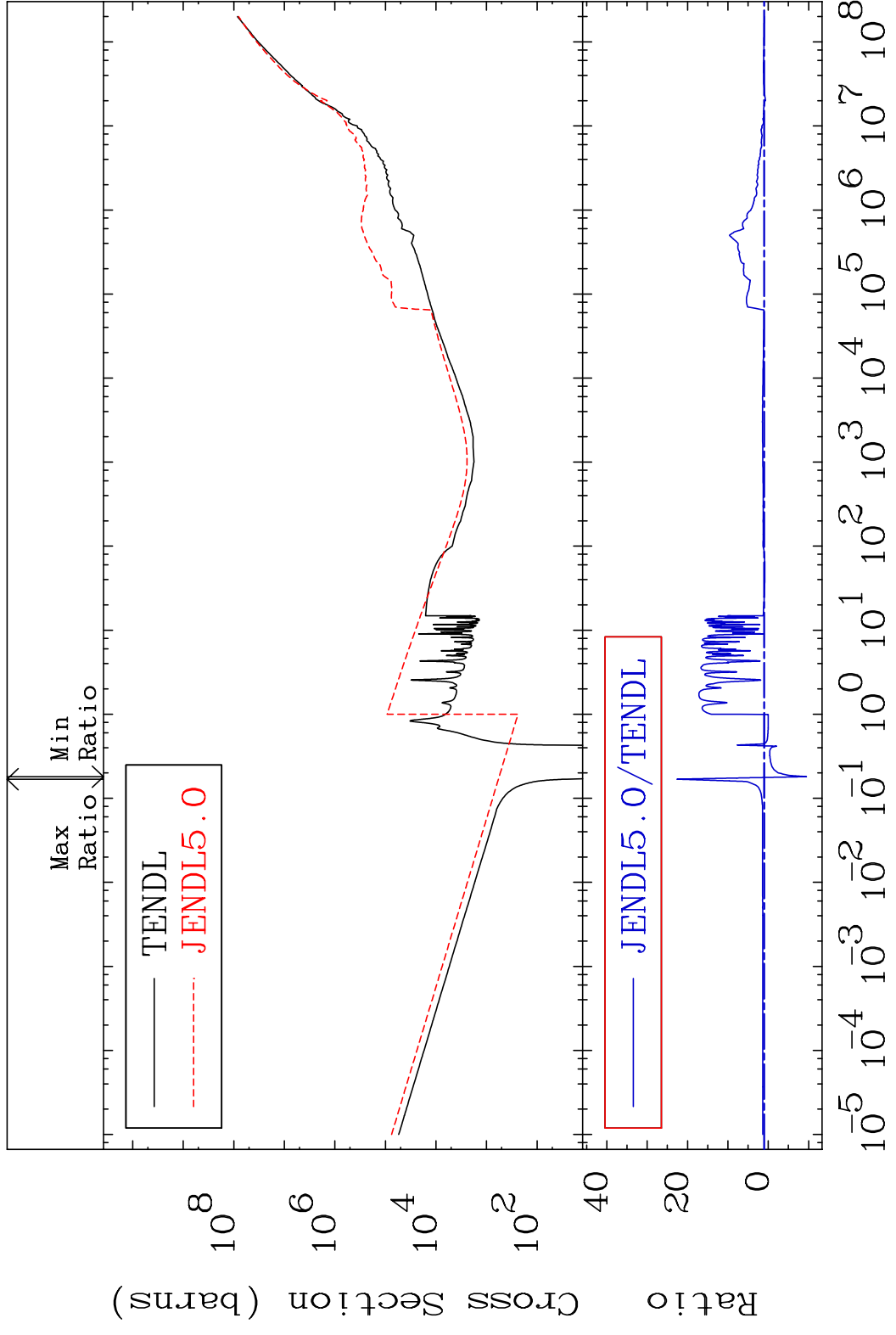
54

Incident Energy (eV)

69-Tm-168

MAT 6922

Kerma total (eV-barns) 69-Tm-168
Cross Section -1045. To 2156. %



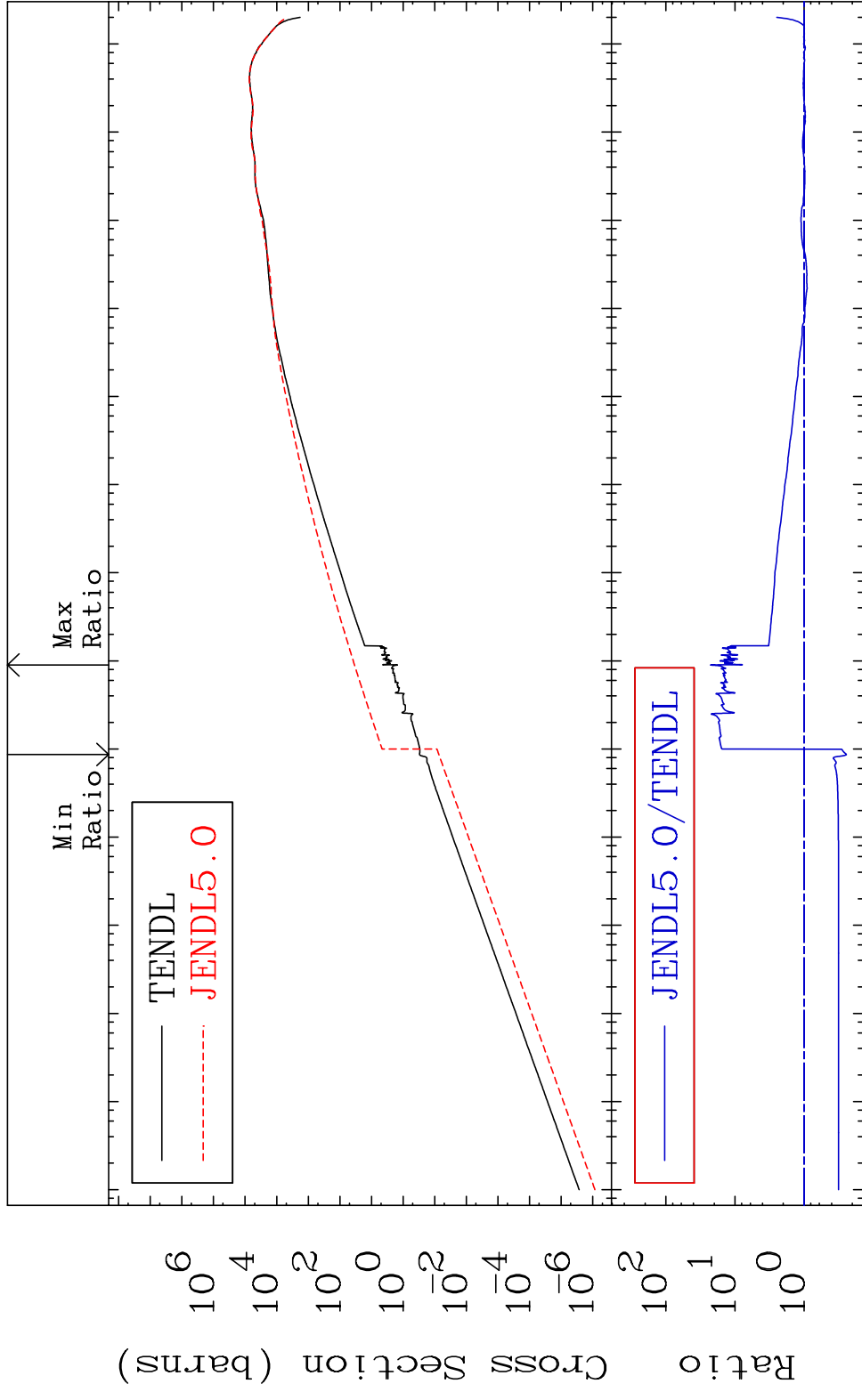
55

Incident Energy (eV)

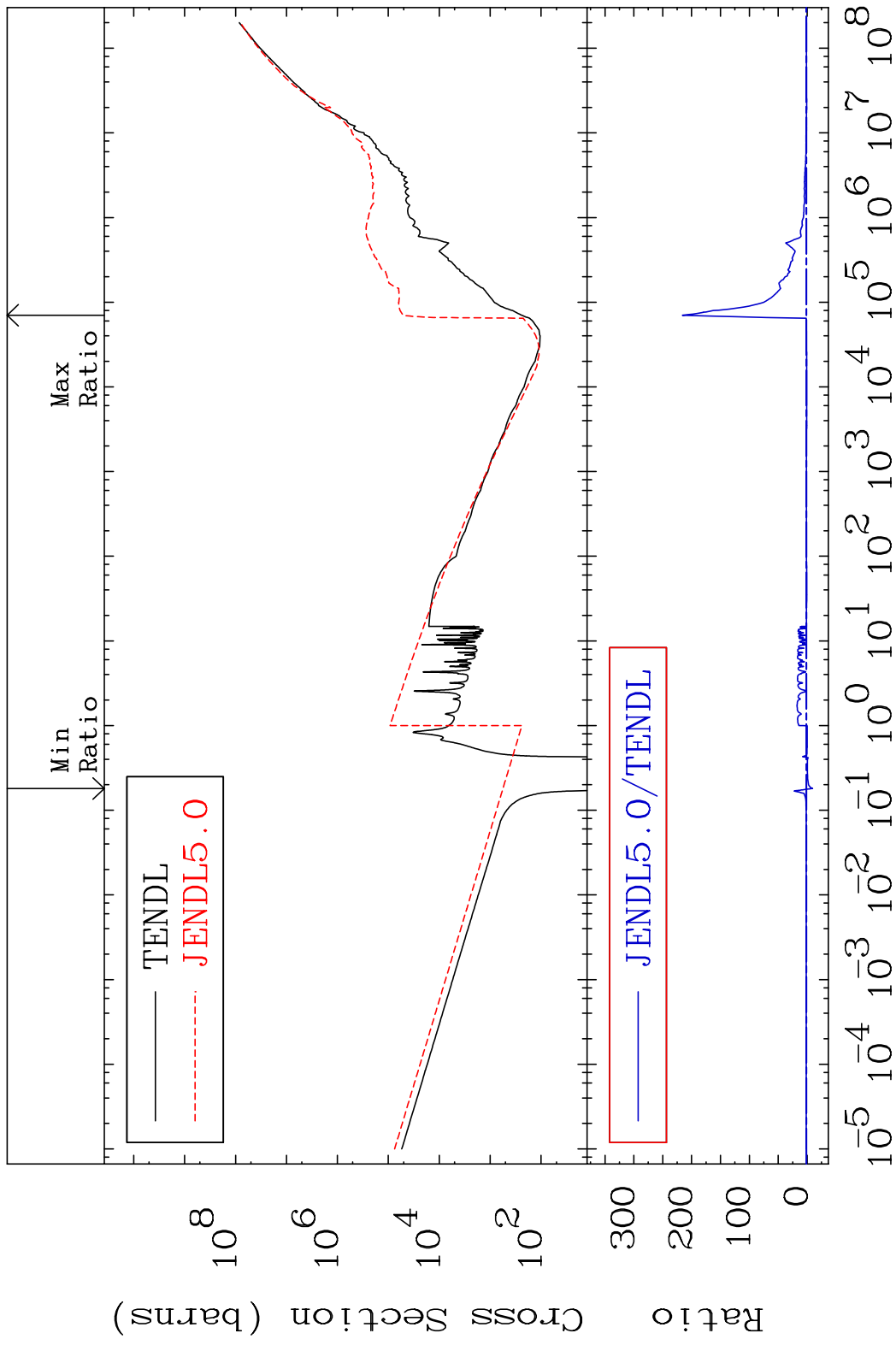
69-Tm-168

MAT 6922

Kerma elastic Cross Section -75.53 To 2148. %
69-Tm-168

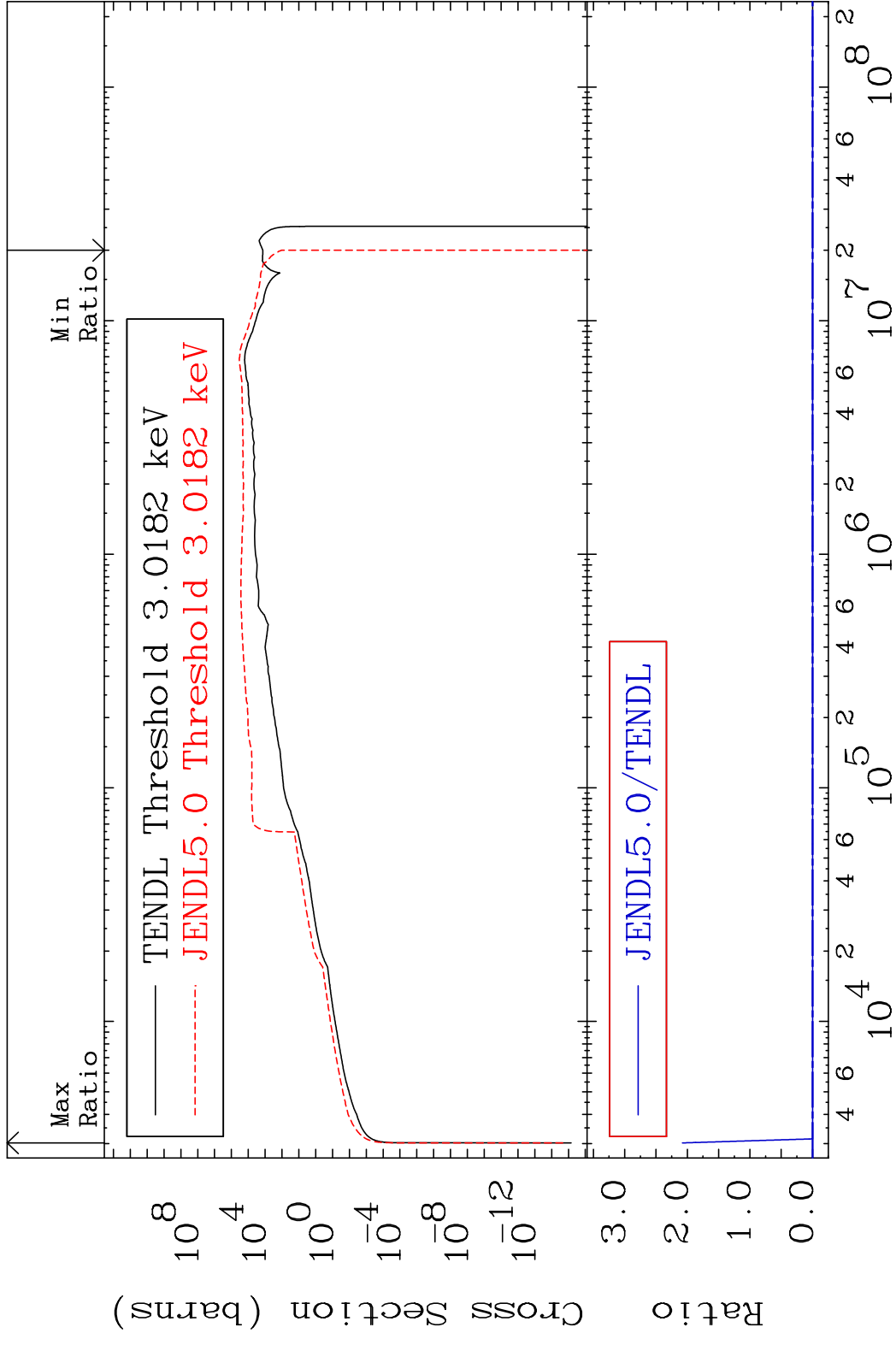


MAT 6922 Kerma non-elastic (all but mt2) 69-Tm-168
 Cross Section -1044. To 9999. %

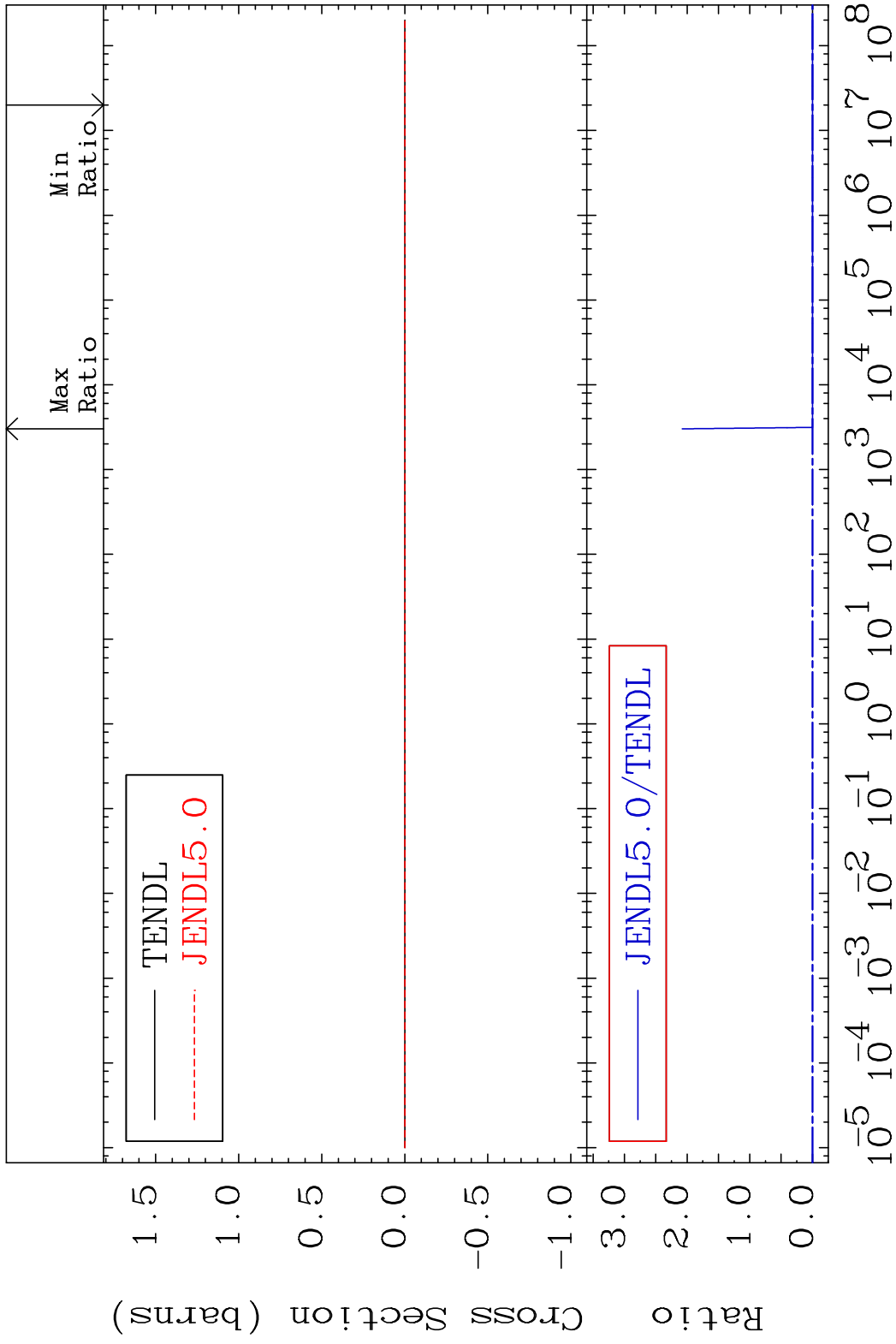


57 Incident Energy (eV) 69-Tm-168

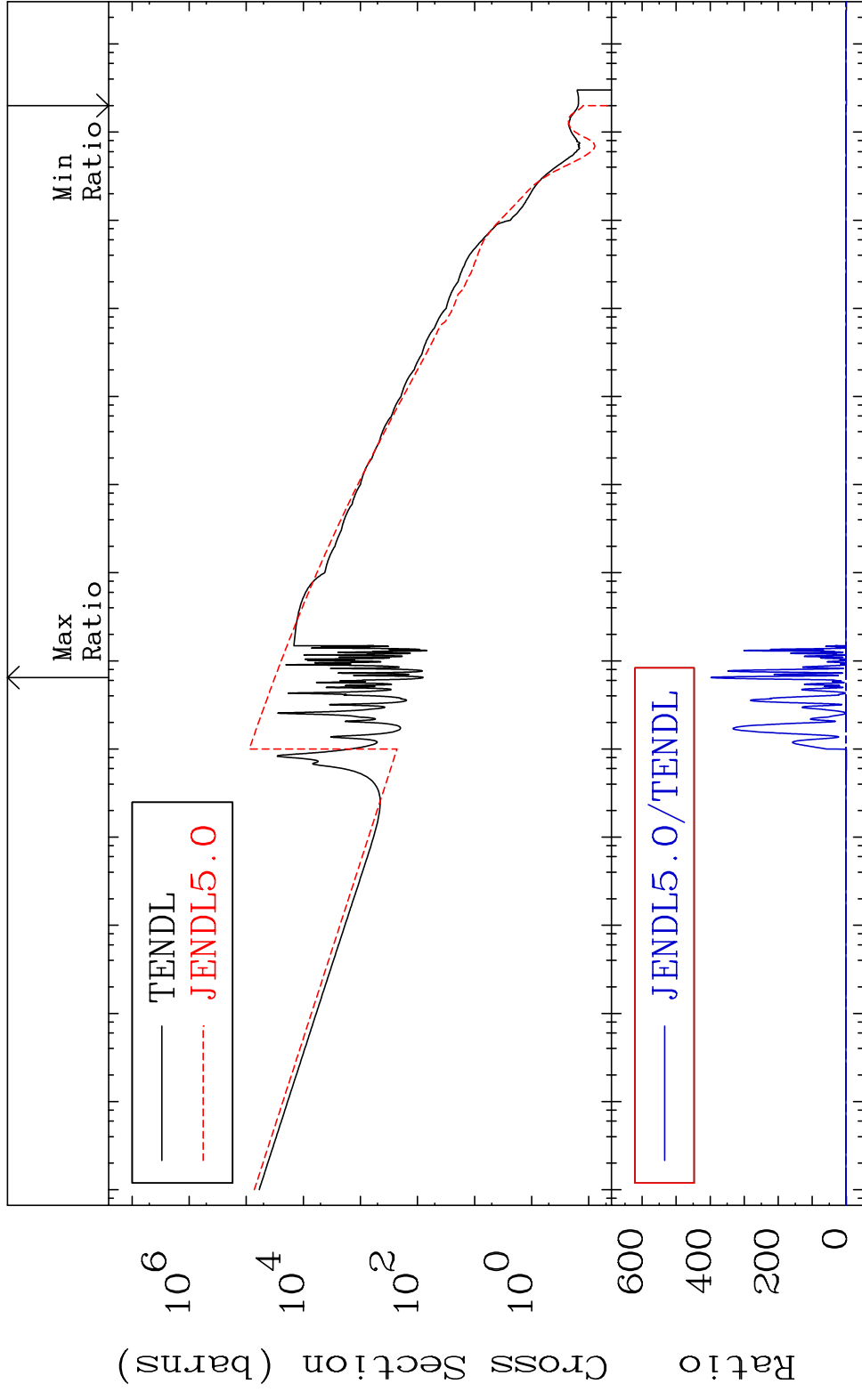
MAT 6922 Kerma inelastic (mt51-91) 69-Tm-168
 Cross Section -100.0 To 9999. %



MAT 6922 Kerma fission (mt18 or mt19-20-21-38) 69-Tm-168
 Cross Section -100.0 To 9999. %



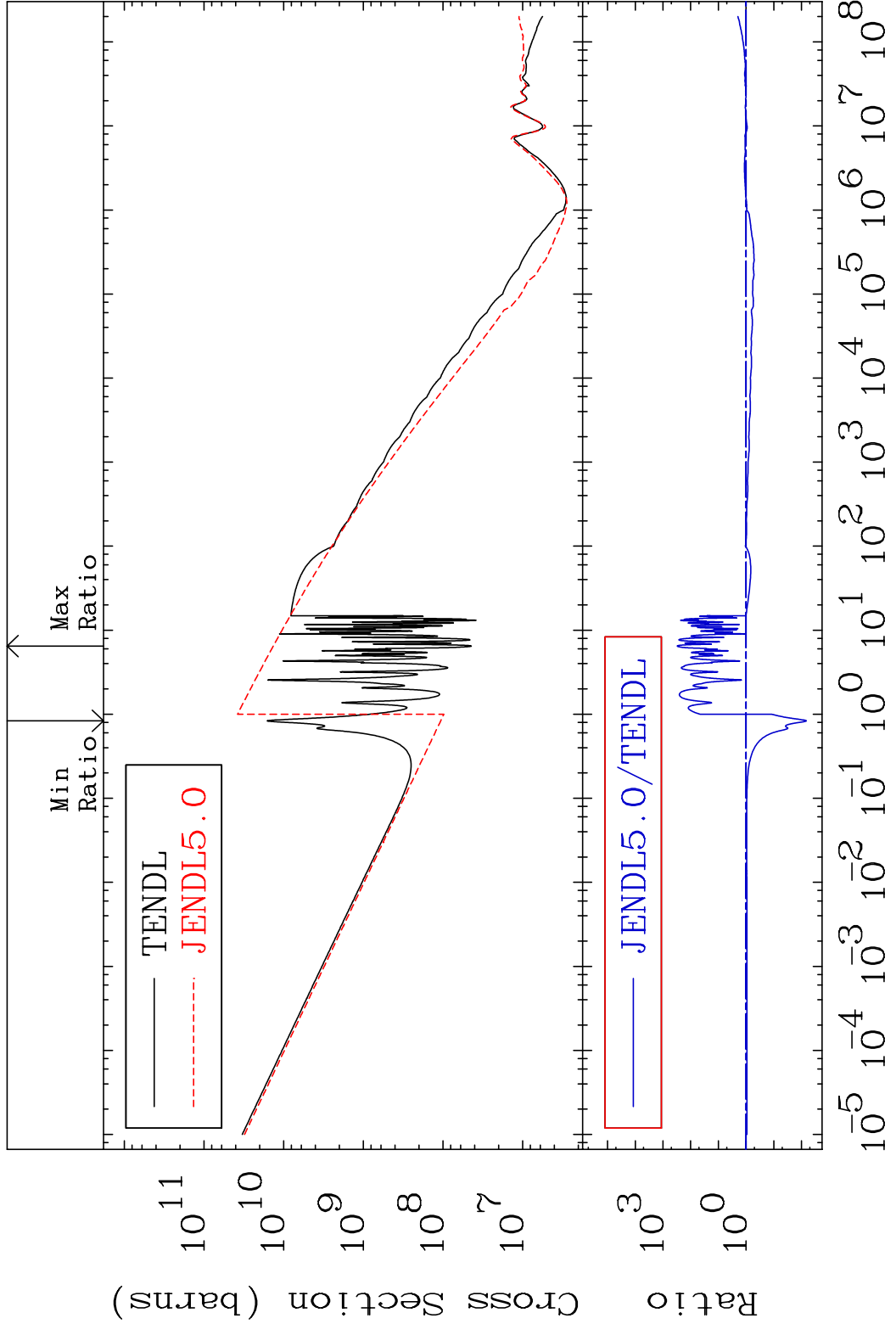
MAT 6922 Kerma capture (mt102) 69-Tm-168
 Cross Section -100.0 To 9999. %



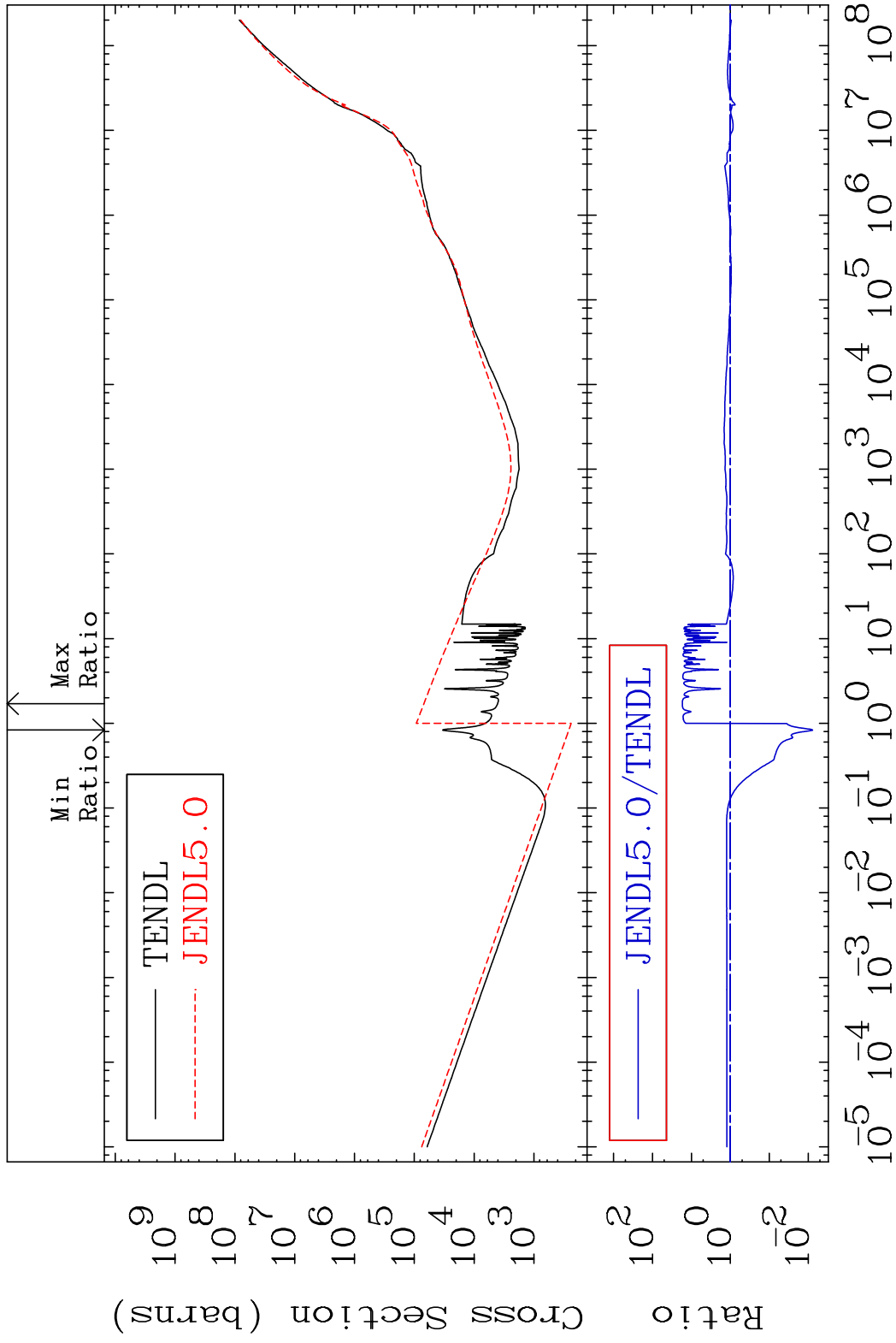
60 Incident Energy (eV) 69-Tm-168

MAT 6922

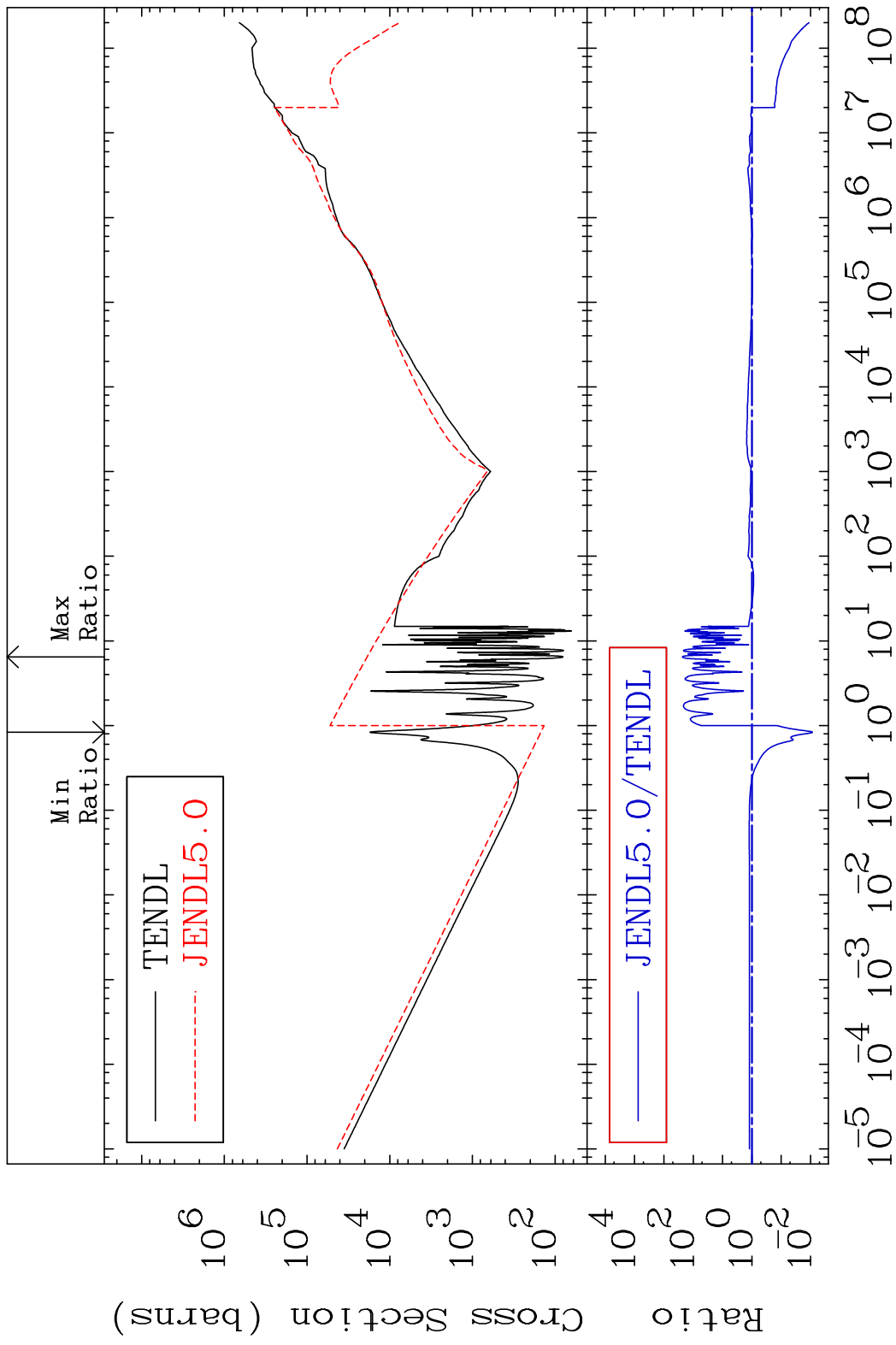
Total photon (eV-barns) 69-Tm-168
Cross Section -99.33 To 9999. %



MAT 6922 Total kinematic kerma (high limit) 69-Tm-168
 Cross Section -99.23 To 1609. %



MAT 6922 Dpa total (eV-barns) 69-Tm-168
 Cross Section -99.14 To 9999. %

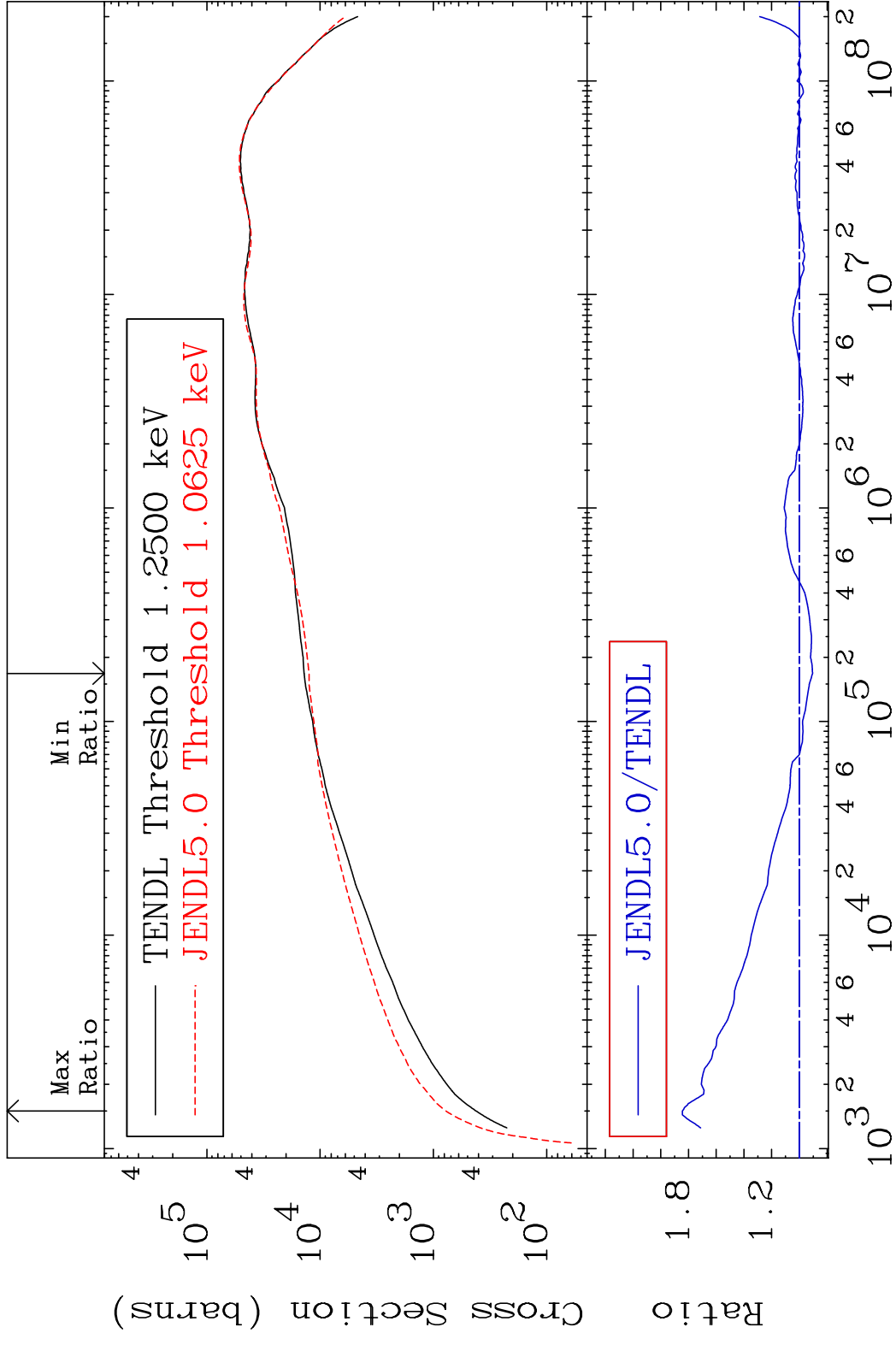


MAT 6922

Dpa elastic (mt2)

69-Tm-168

Cross Section -9.513 To 84.45 %

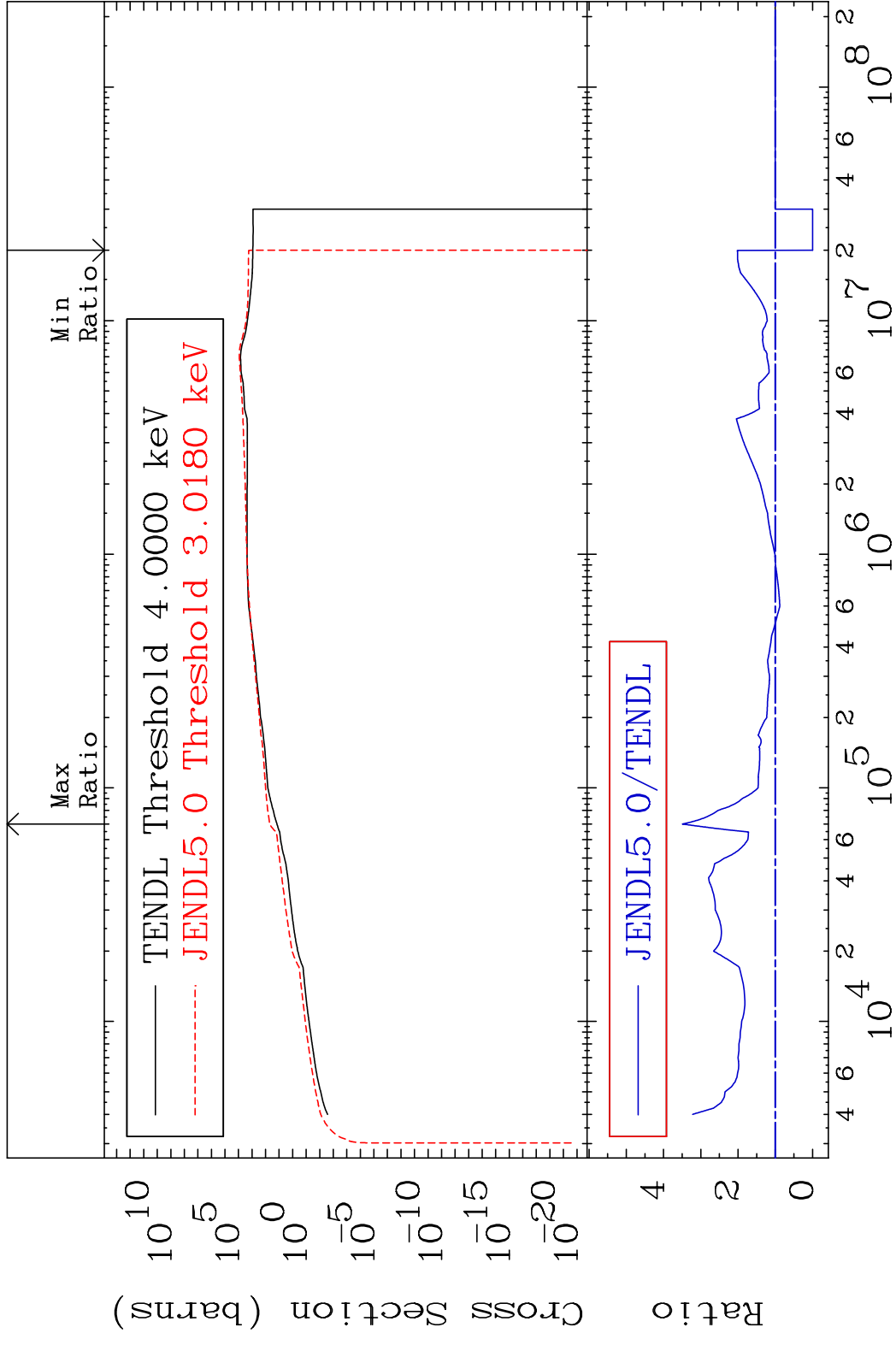


64

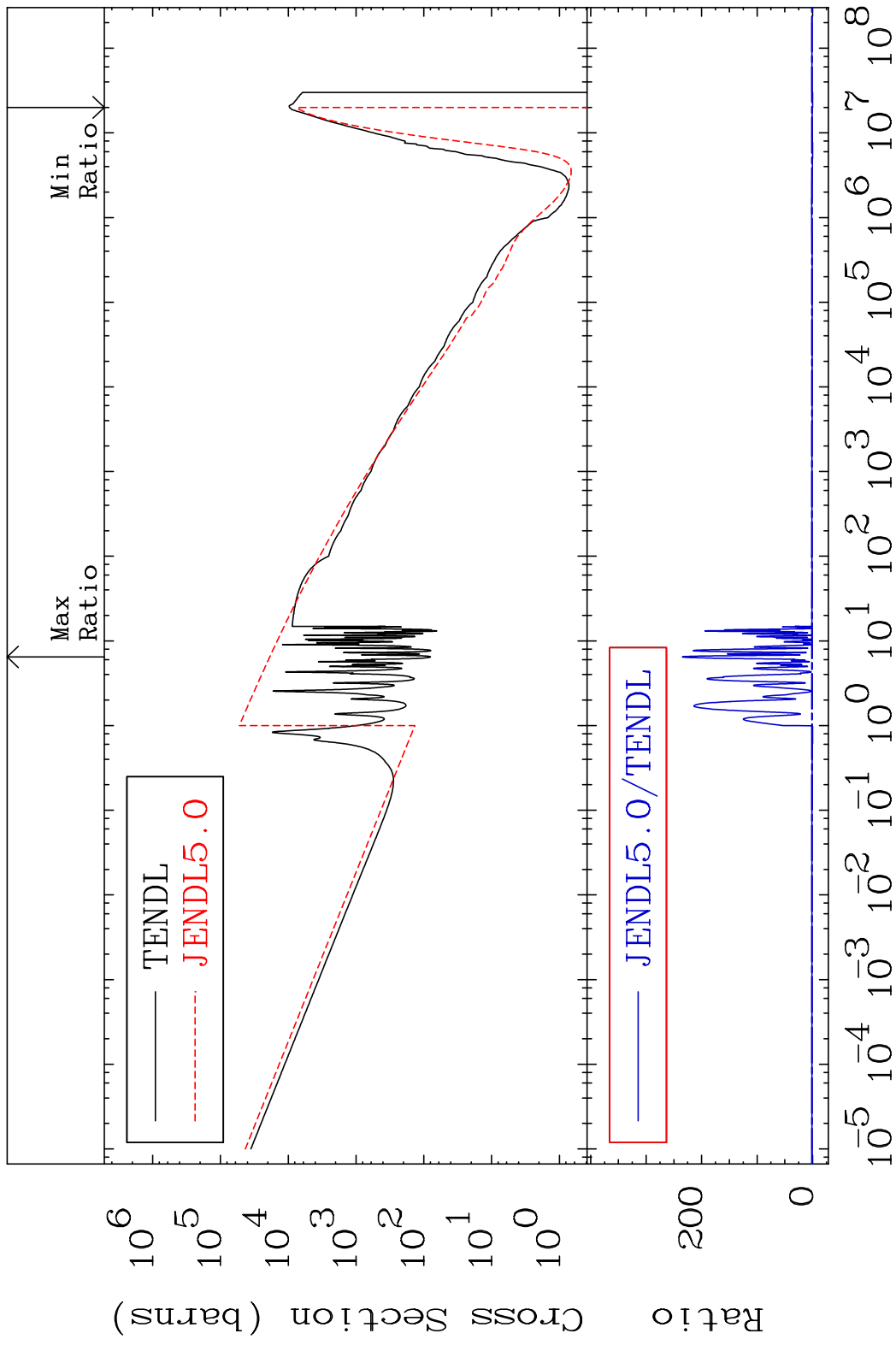
Incident Energy (eV)

69-Tm-168

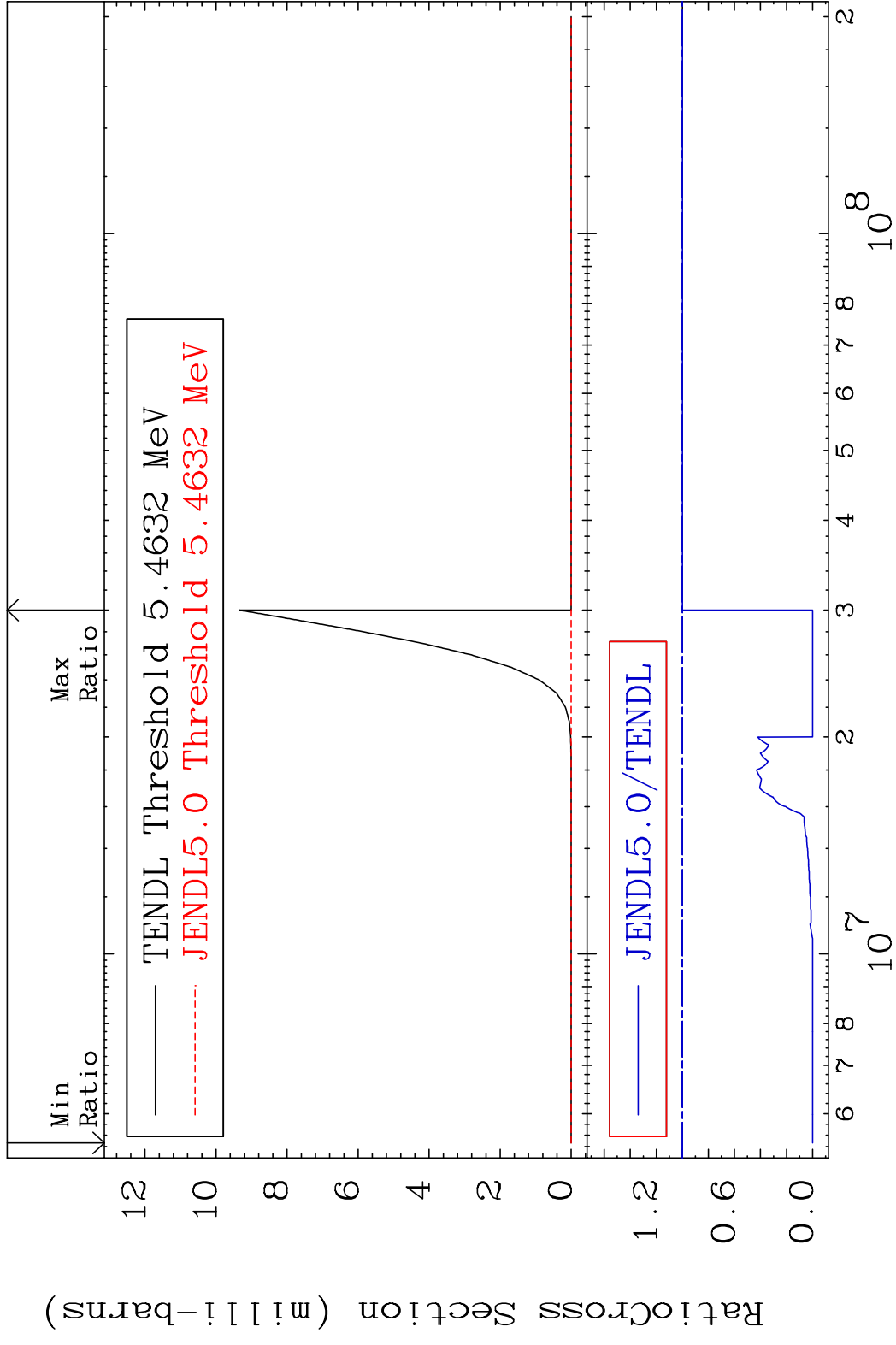
MAT 6922 Dpa inelastic (mt51-91) 69-Tm-168
 Cross Section -100.0 To 249.6 %



MAT 6922 Dpa disappearance (mt102 -120) 69-Tm-168
 Cross Section -100.0 To 9999. %



MAT 6922 (n,2n) α :67-Ho-163g 69-Tm-168
 Radionuclide Production Cross Section Ratio 0.000 %



MAT 6922 (n,2n) α :67-Ho-163m3 69-Tm-168
 Radionuclide Production Cross Section Ratio 17.64 %

