

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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Press Mouse Button to Start

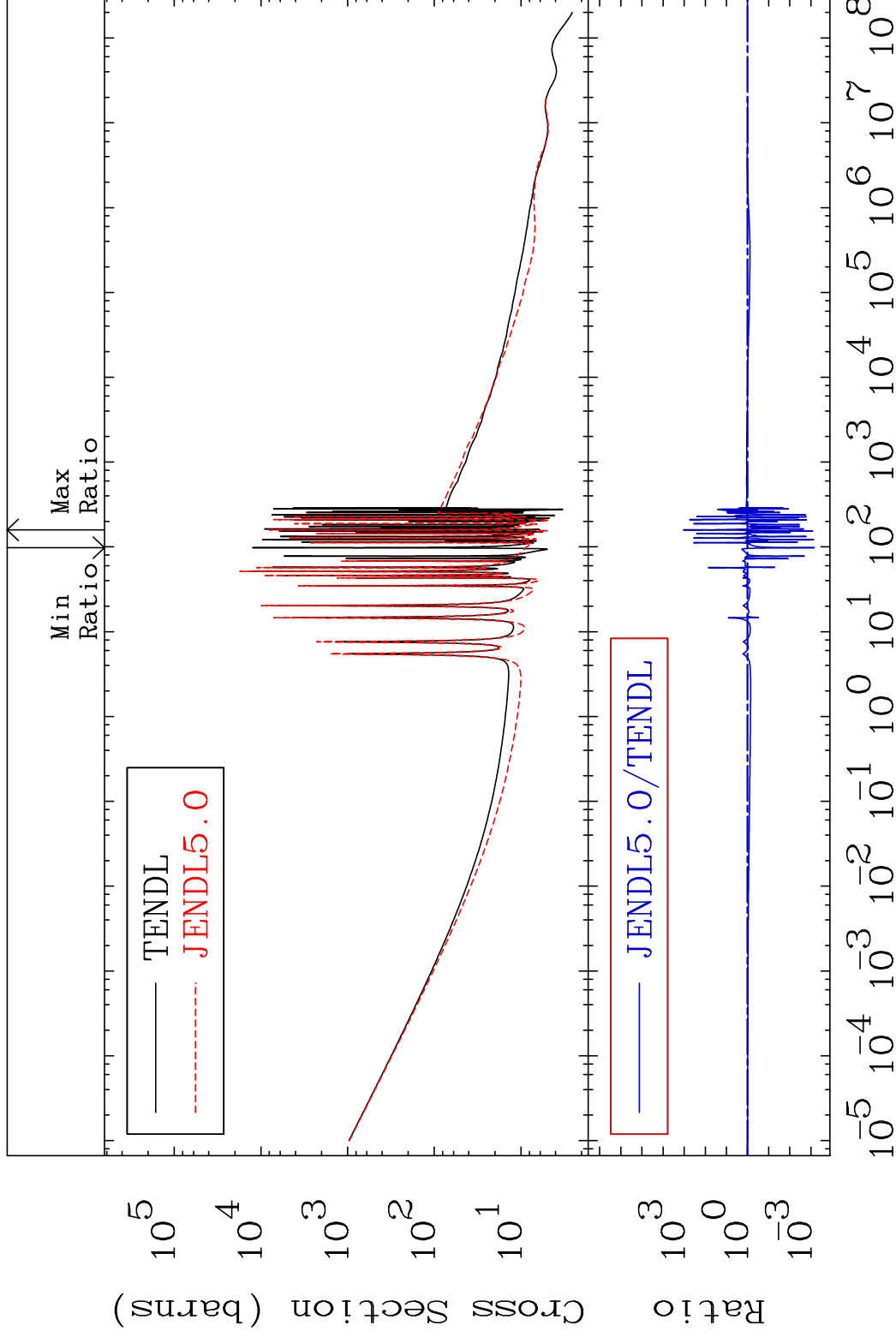
MAT 6825

Total

68-Er-162

Cross Section

-99.93 To 9999. %



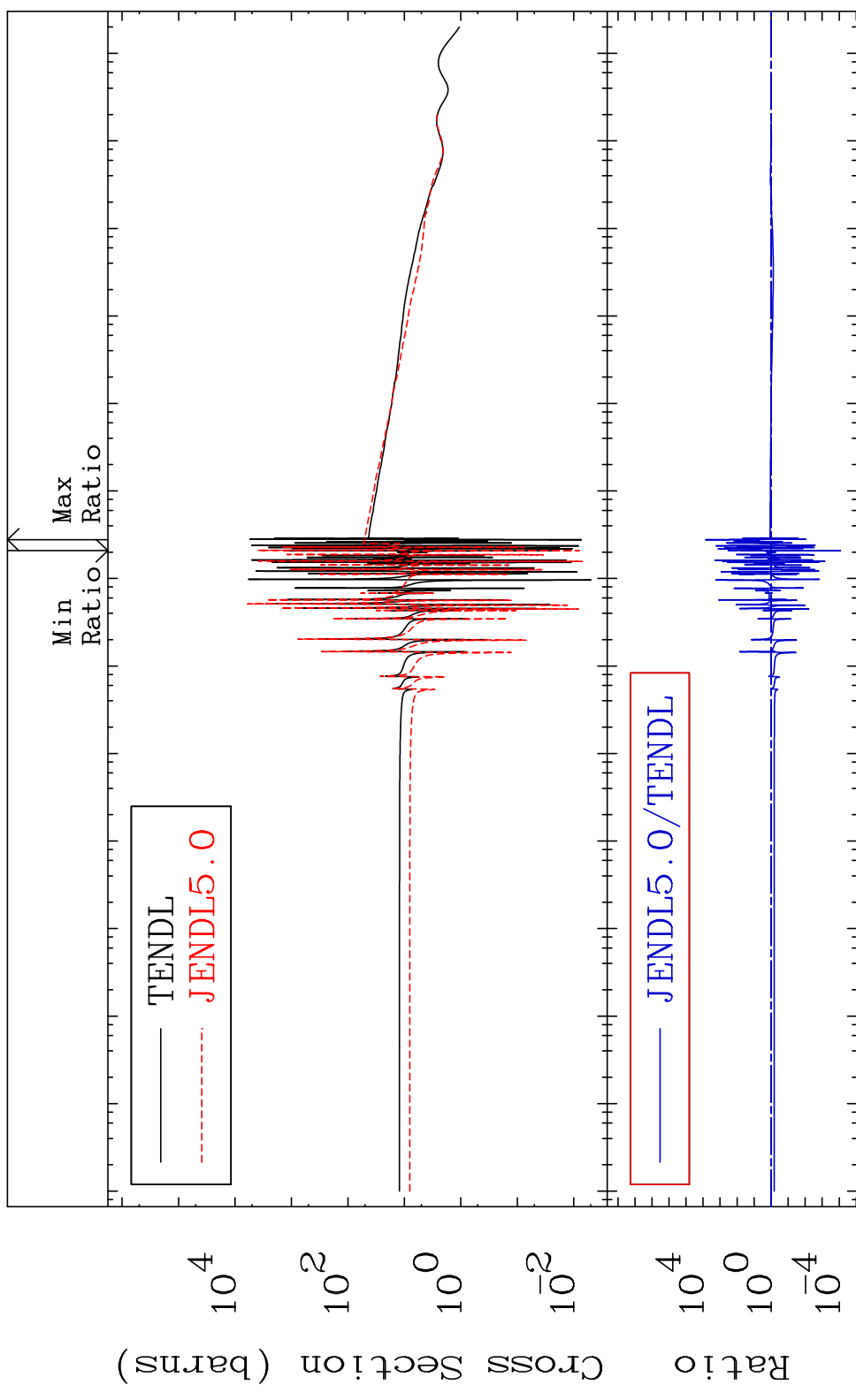
1

Incident Energy (eV)

68-Er-162

MAT 6825

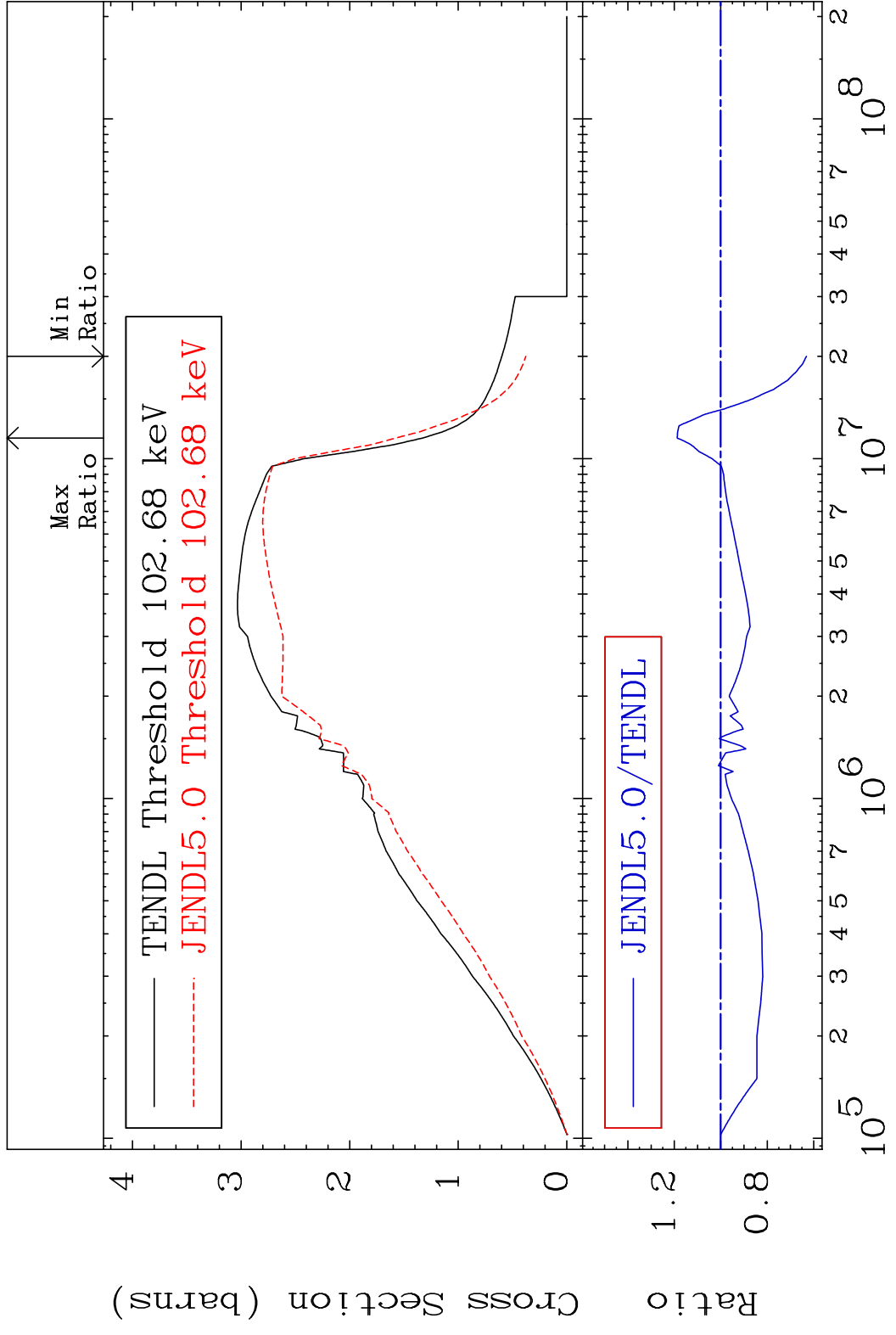
Elastic Cross Section -99.99 To 9999. % 68-Er-162



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

2 Incident Energy (eV) 68-Er-162

MAT 6825 Inelastic Cross Section 68-Er-162
 Cross Section -36.89 To 18.77 %



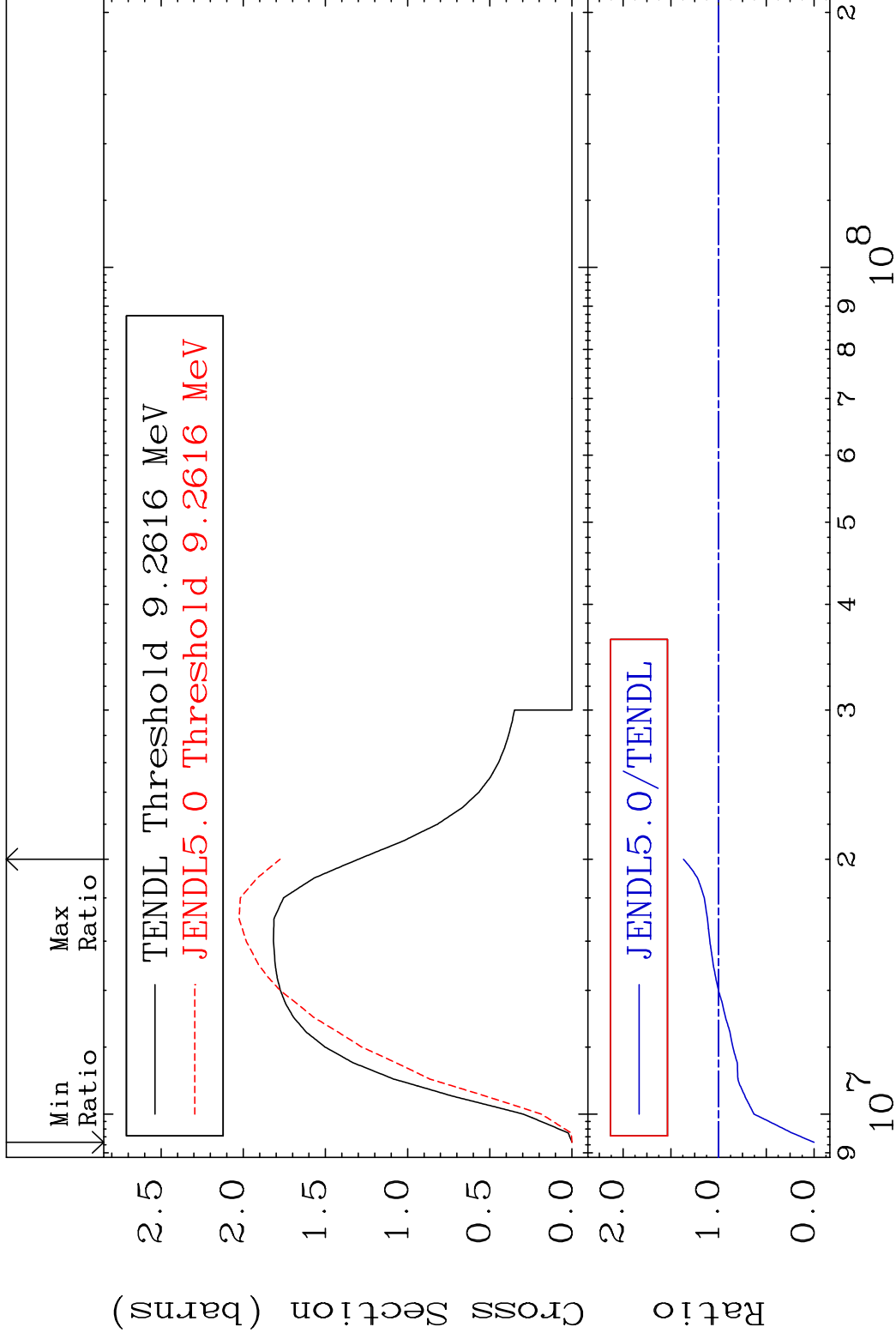
3 Incident Energy (eV) 68-Er-162

MAT 6825

(n,2n)

68-Er-162

Cross Section -100.0 To 36.77 %



4

Incident Energy (eV)

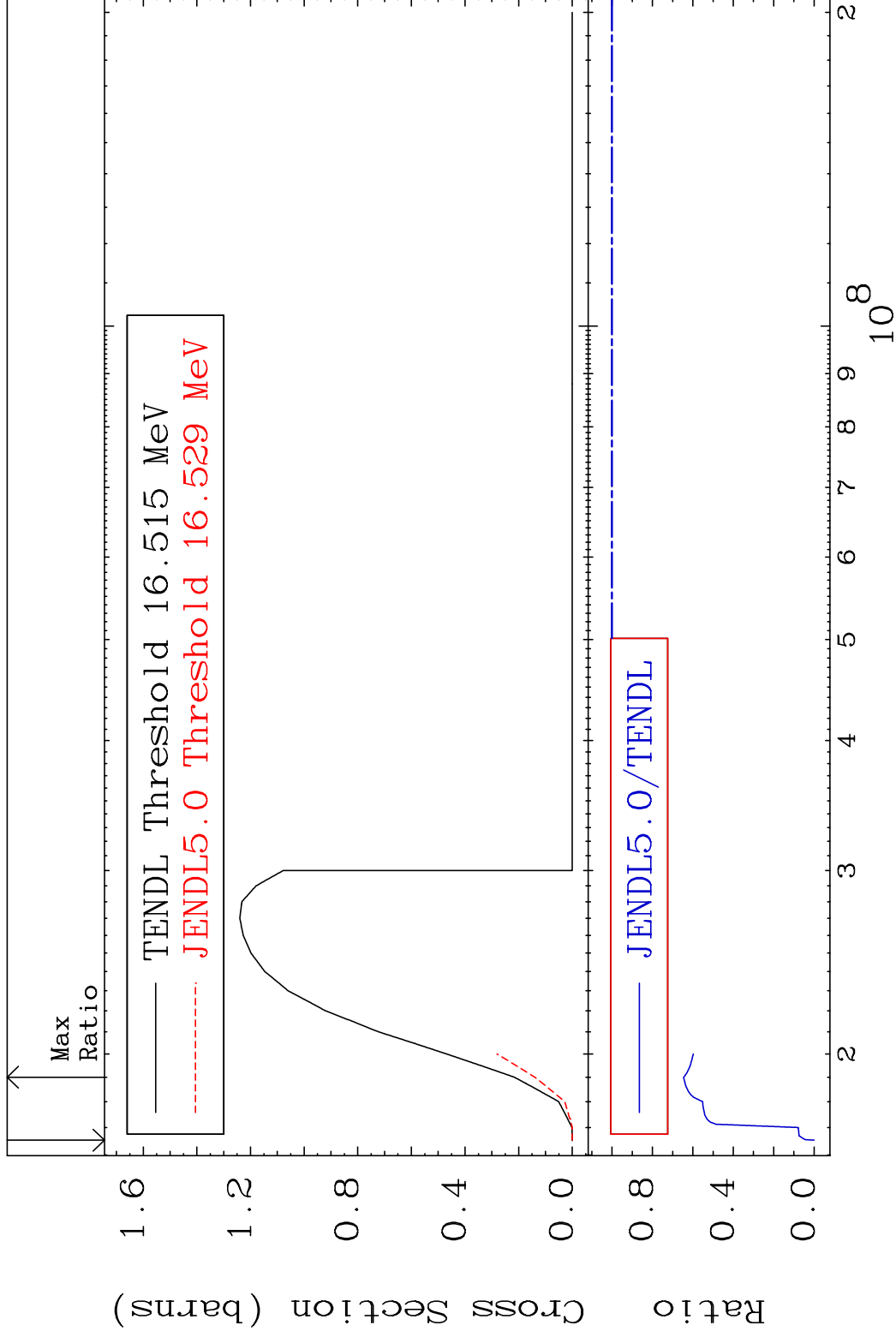
68-Er-162

MAT 6825

(n,3n)

68-Er-162

Cross Section -100.0 To -35.45%



5

Incident Energy (eV)

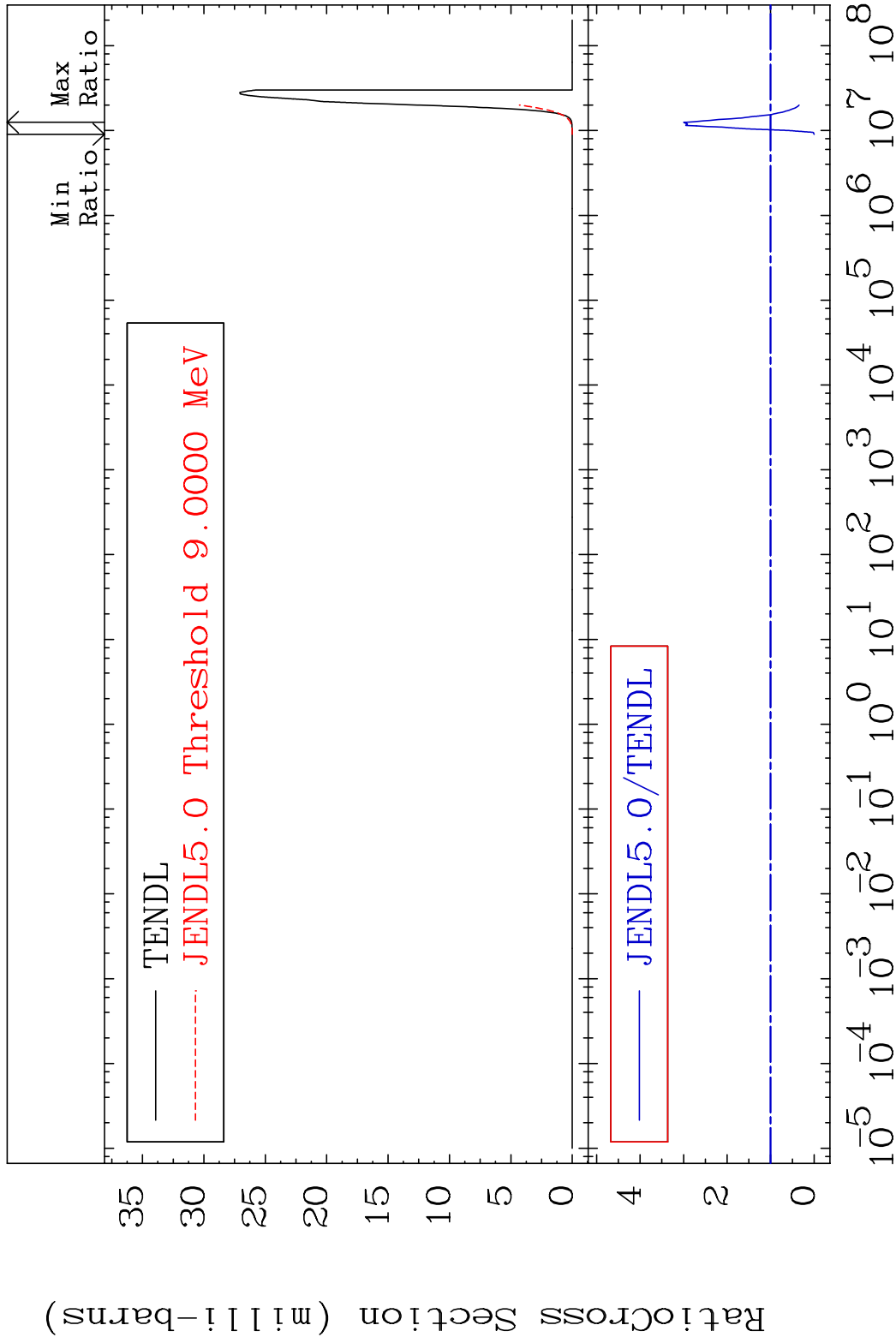
68-Er-162

MAT 6825

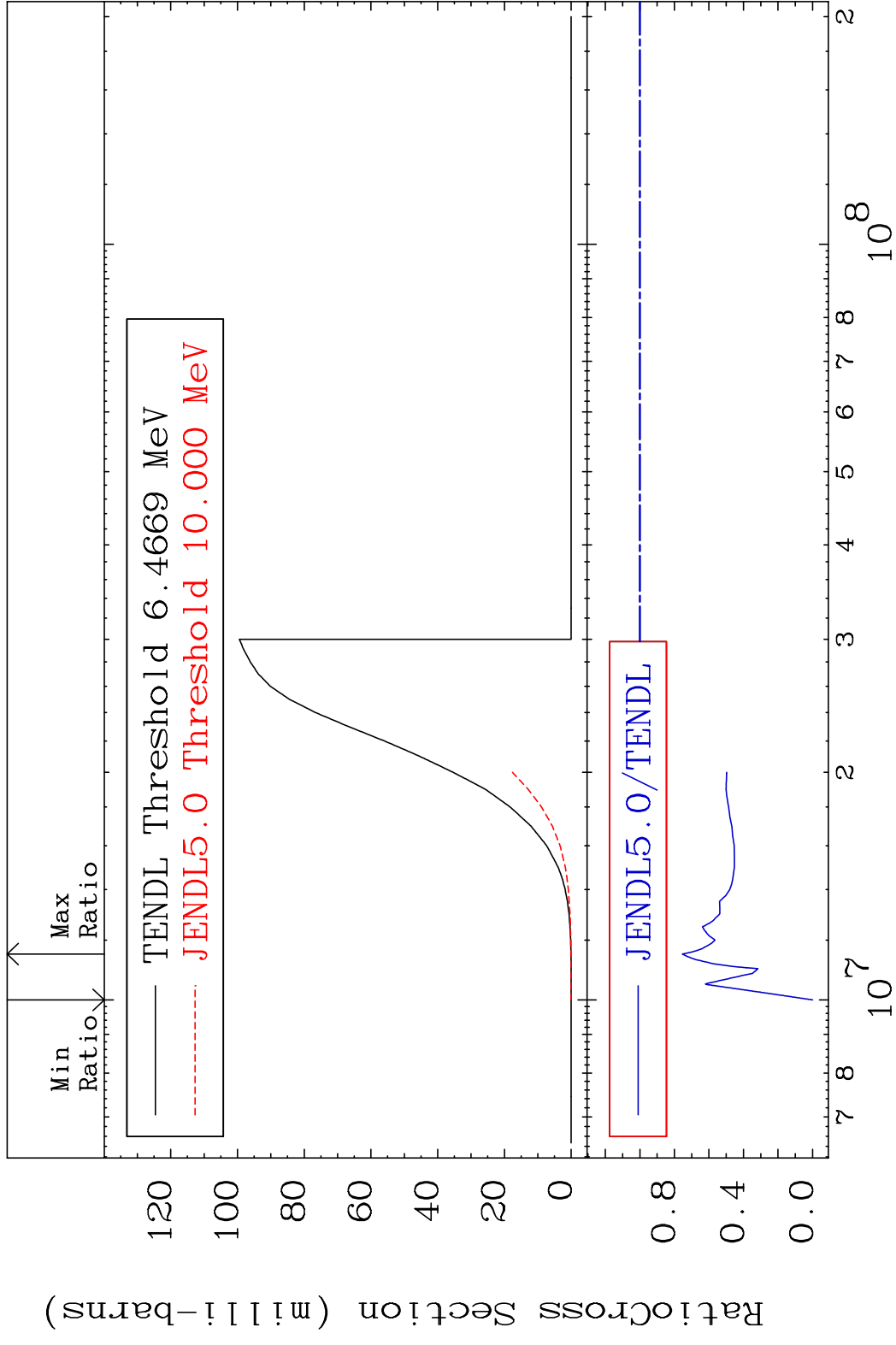
(n, n') α

68-Er-162

Cross Section -100.0 To 199.9 %



MAT 6825 (n, n') p 68-Er-162
 Cross Section -100.0 To -24.60%

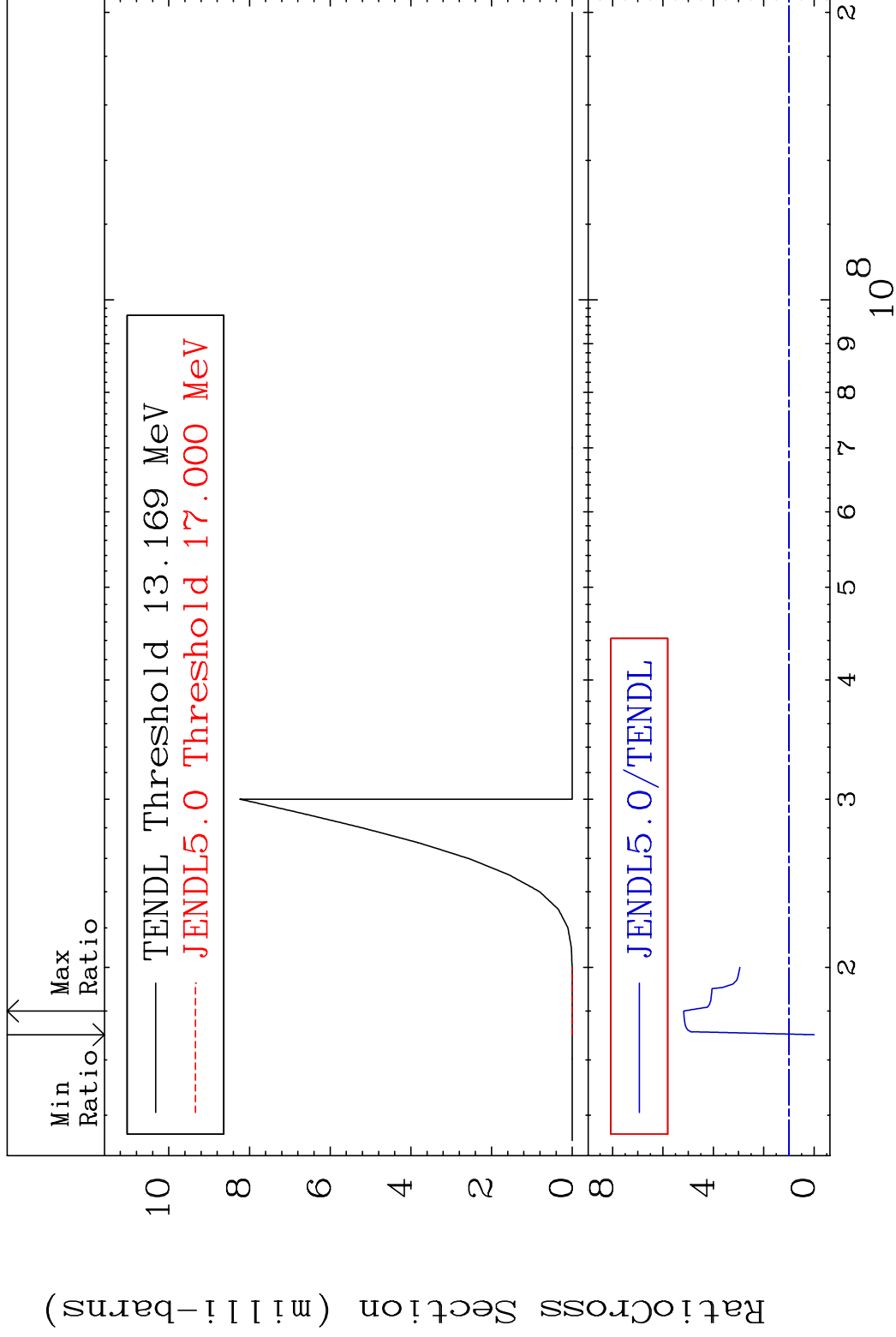


MAT 6825

(n, n') d

68-Er-162

Cross Section -100.0 To 417.9 %

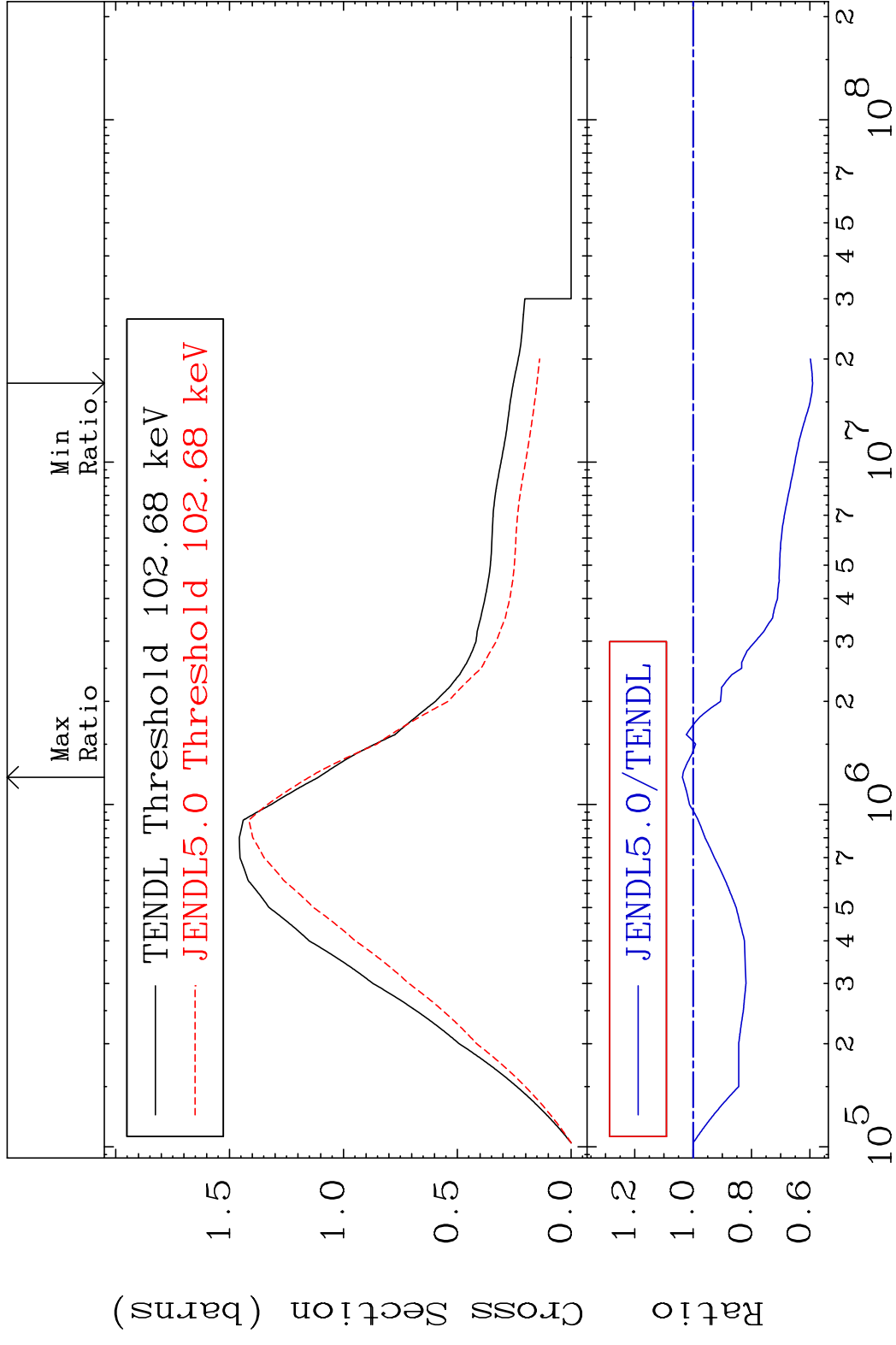


8

Incident Energy (eV)

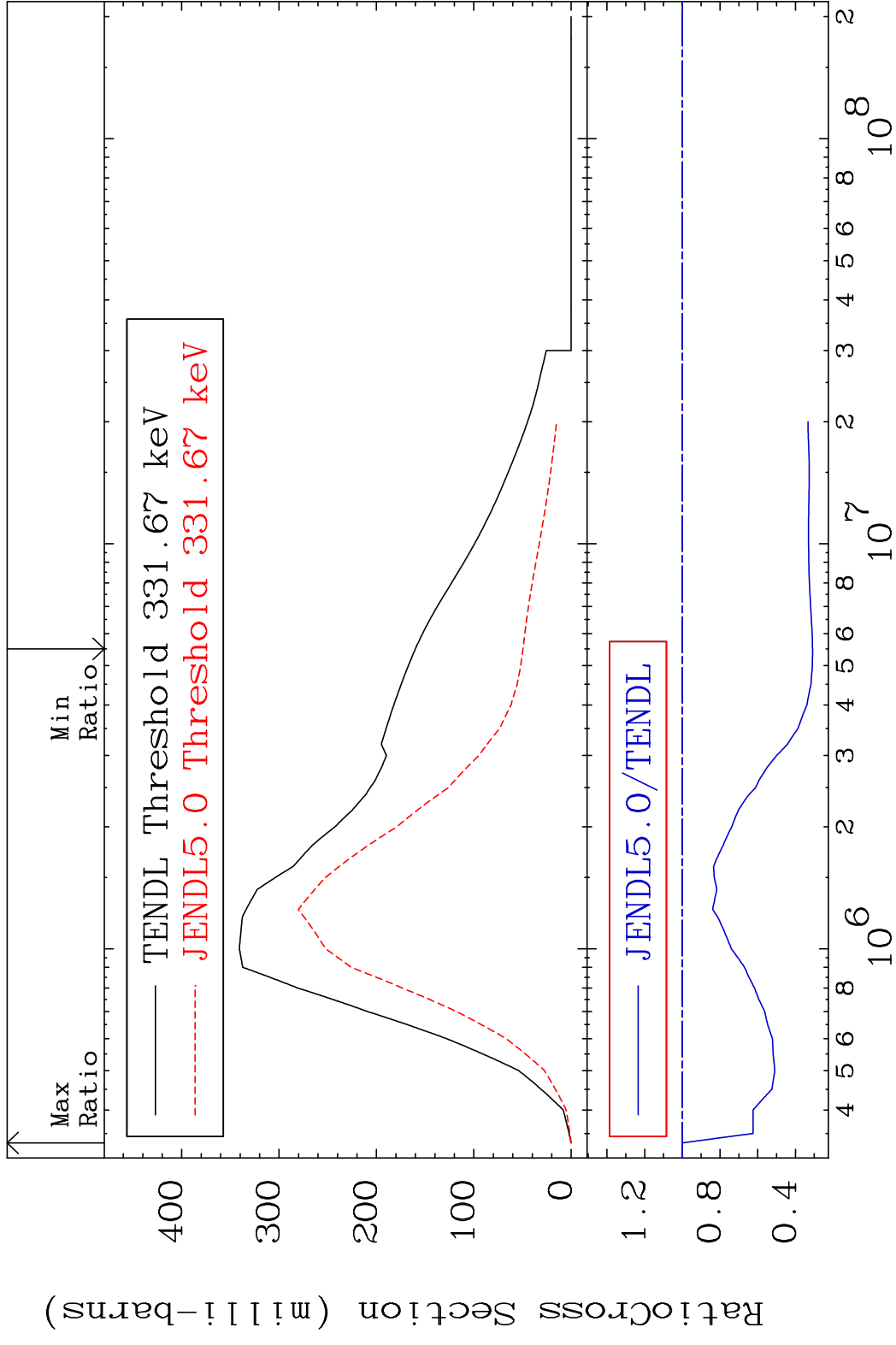
68-Er-162

MAT 6825 MT= 51 (n, n') Level 68-Er-162
 Cross Section -40.92 To 3.697 %



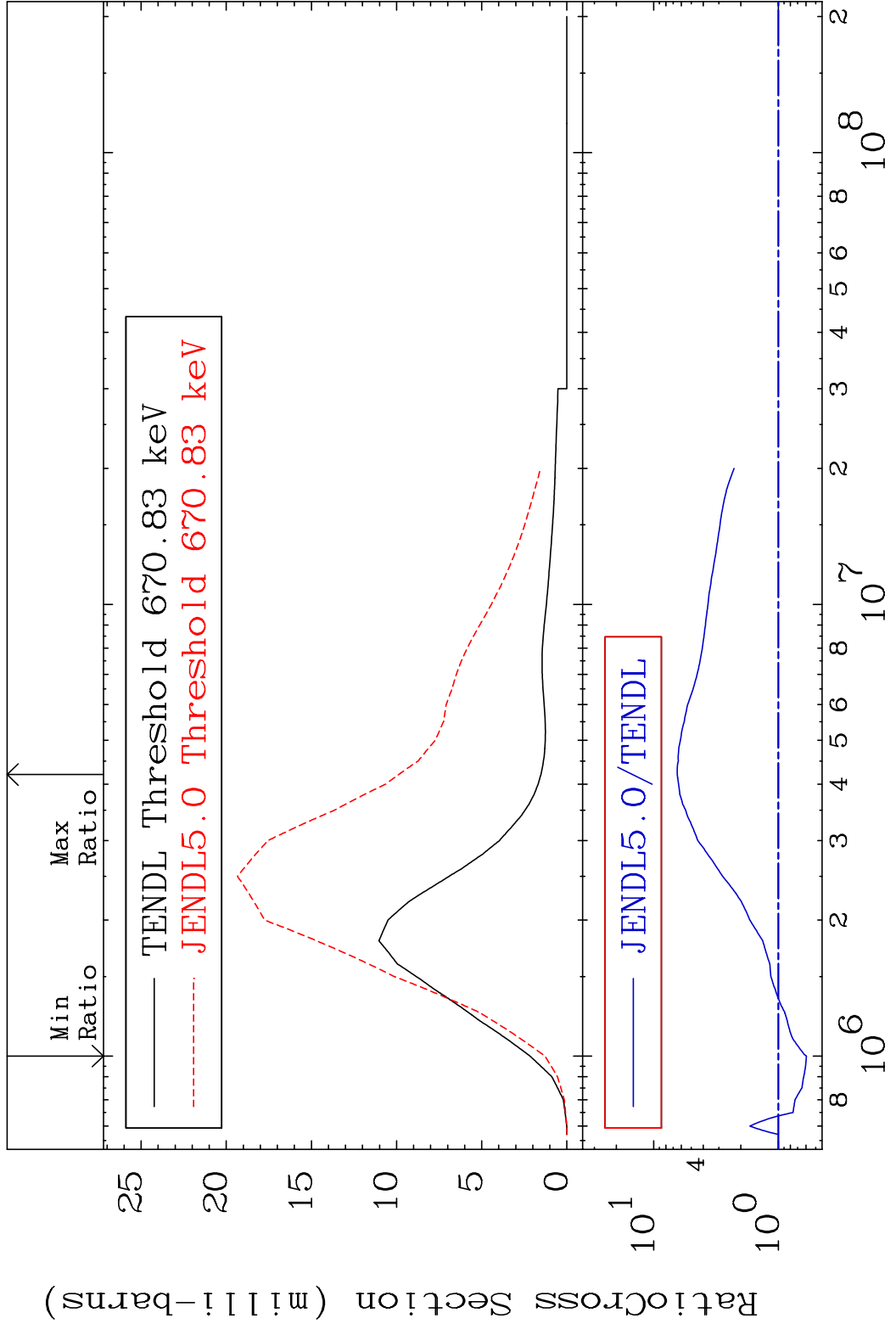
9 Incident Energy (eV) 68-Er-162

MAT 6825 MT= 52 (n, n') Level 68-Er-162
 Cross Section -69.08 To 0.000 %

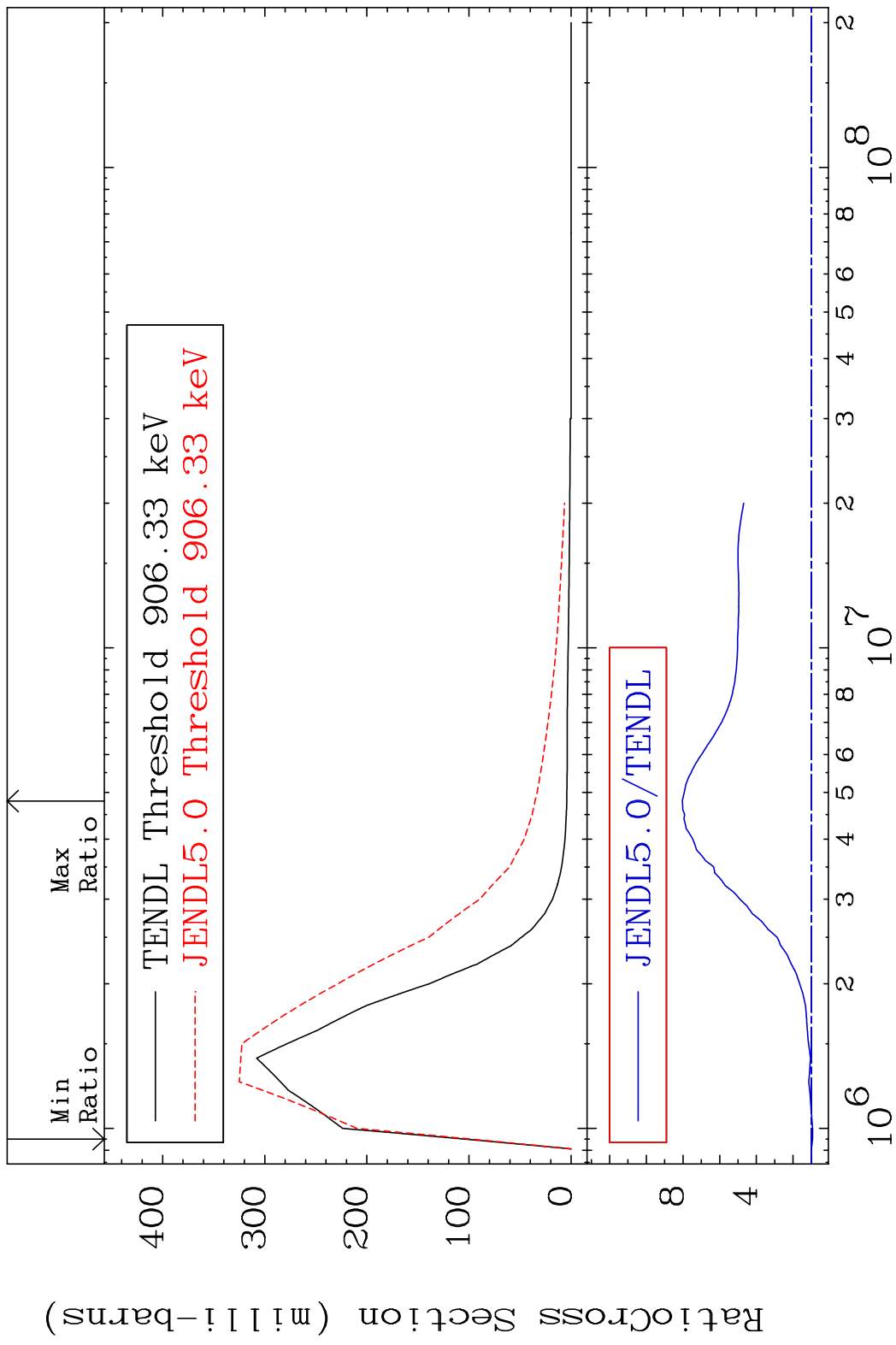


10 Incident Energy (eV) 68-Er-162

MAT 6825 MT= 53 (n, n') Level 68-Er-162
 Cross Section -40.48 To 548.3 %

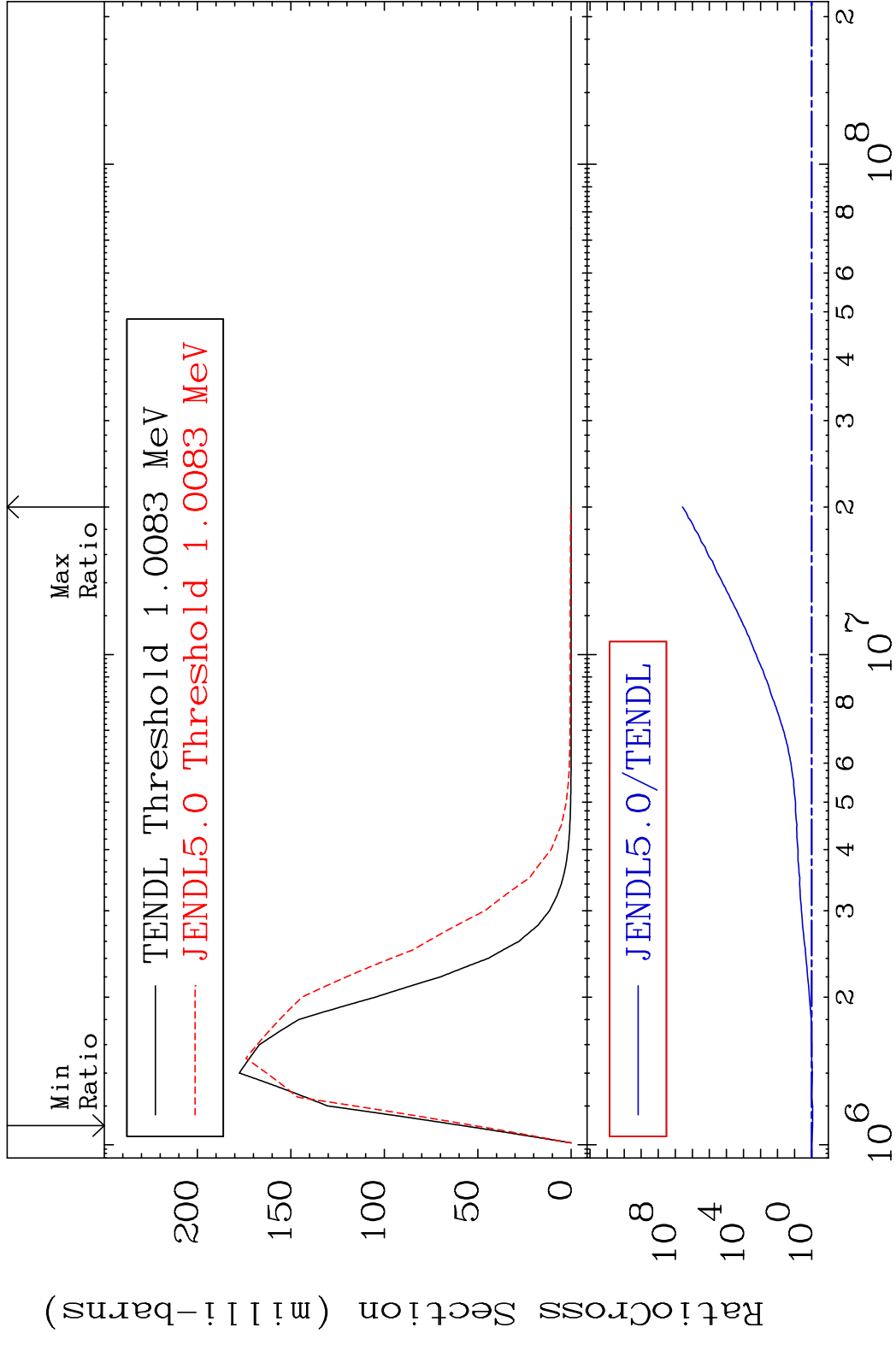


MAT 6825 MT= 54 (n,n') Level 68-Er-162
 Cross Section -6.250 To 703.6 %



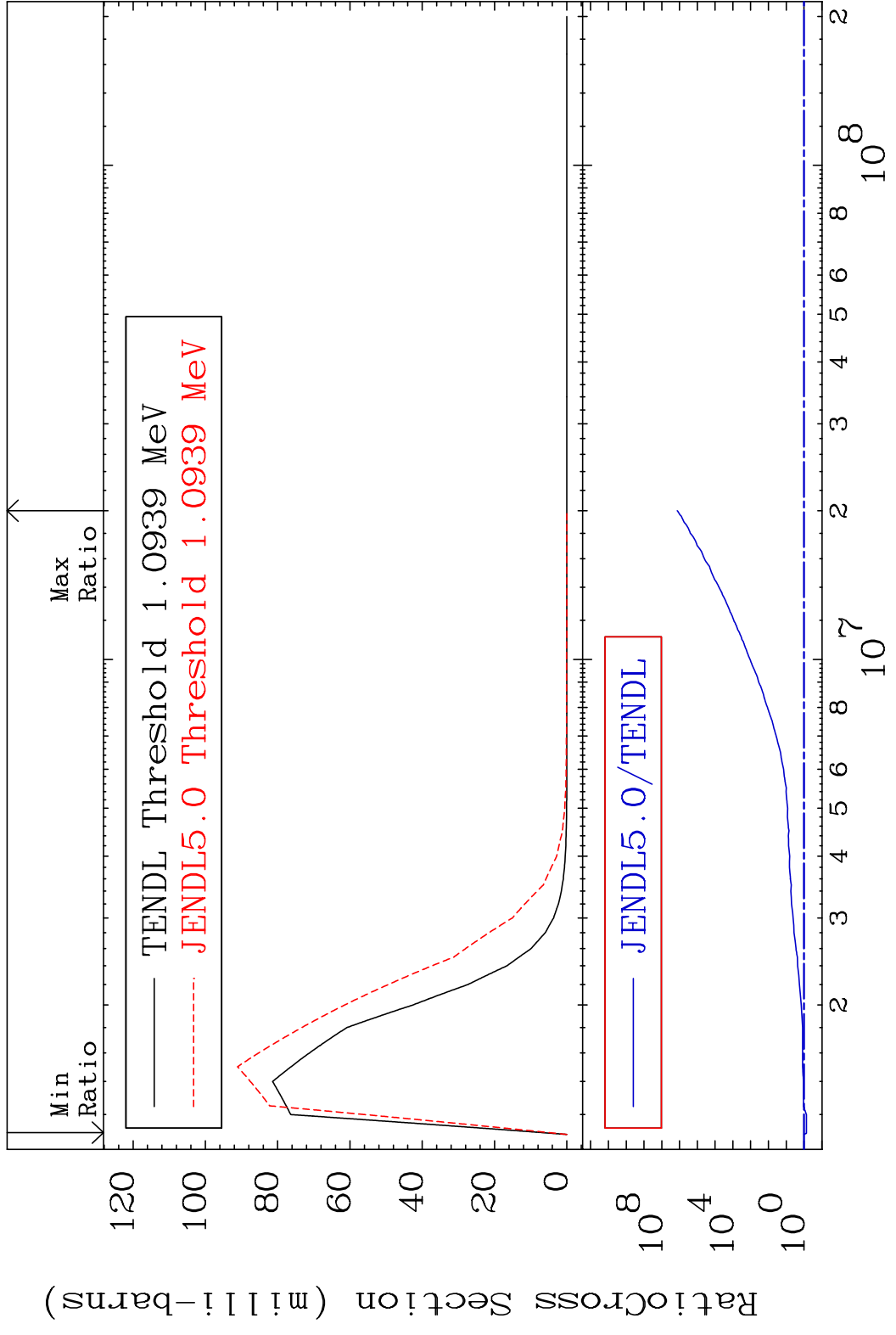
12 Incident Energy (eV) 68-Er-162

MAT 6825 MT= 55 (n, n') Level 68-Er-162
 Cross Section -10.97 To 9999. %

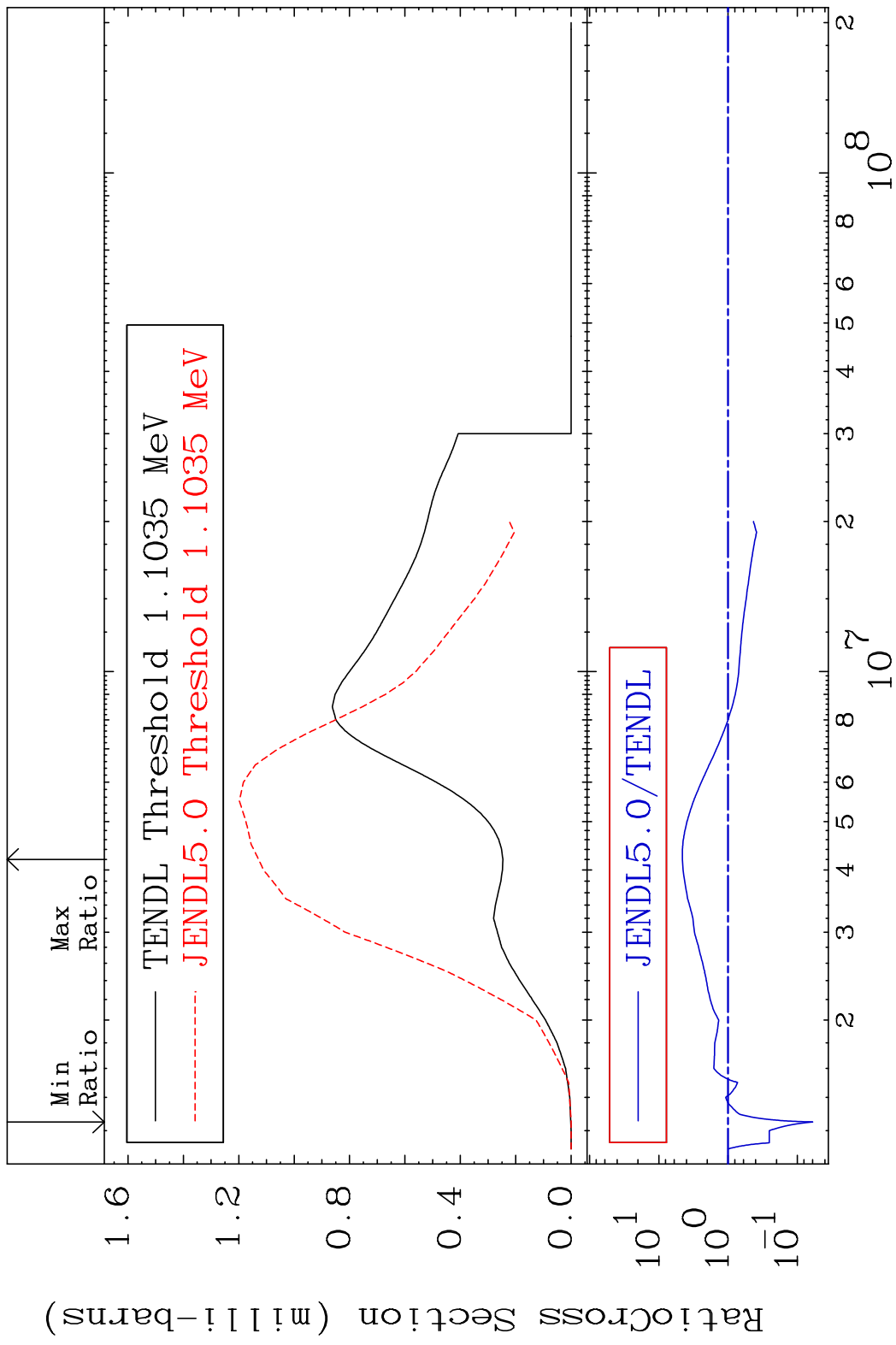


13 Incident Energy (eV) 68-Er-162

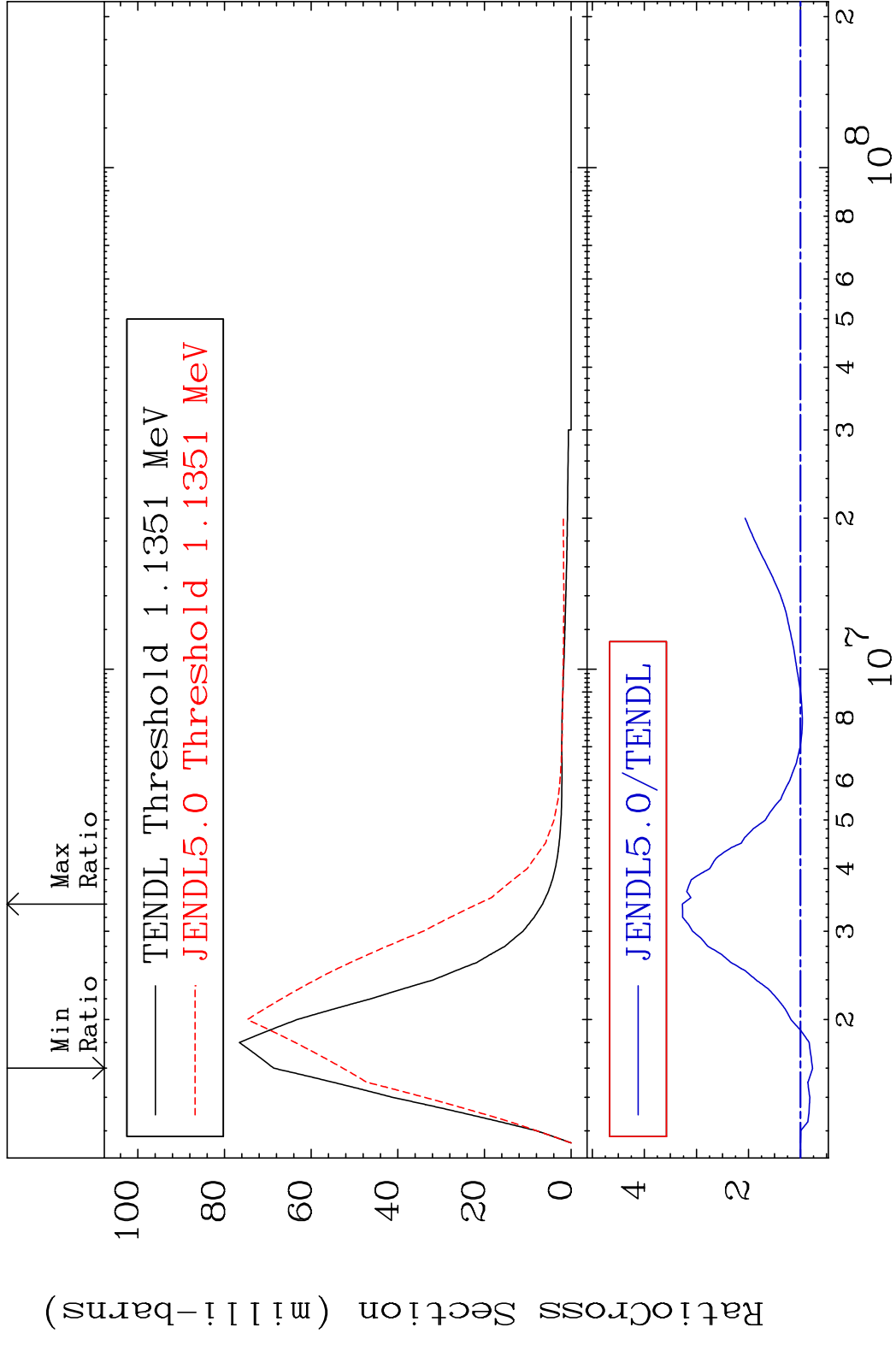
MAT 6825 MT= 56 (n, n') Level 68-Er-162
 Cross Section -26.86 To 9999. %



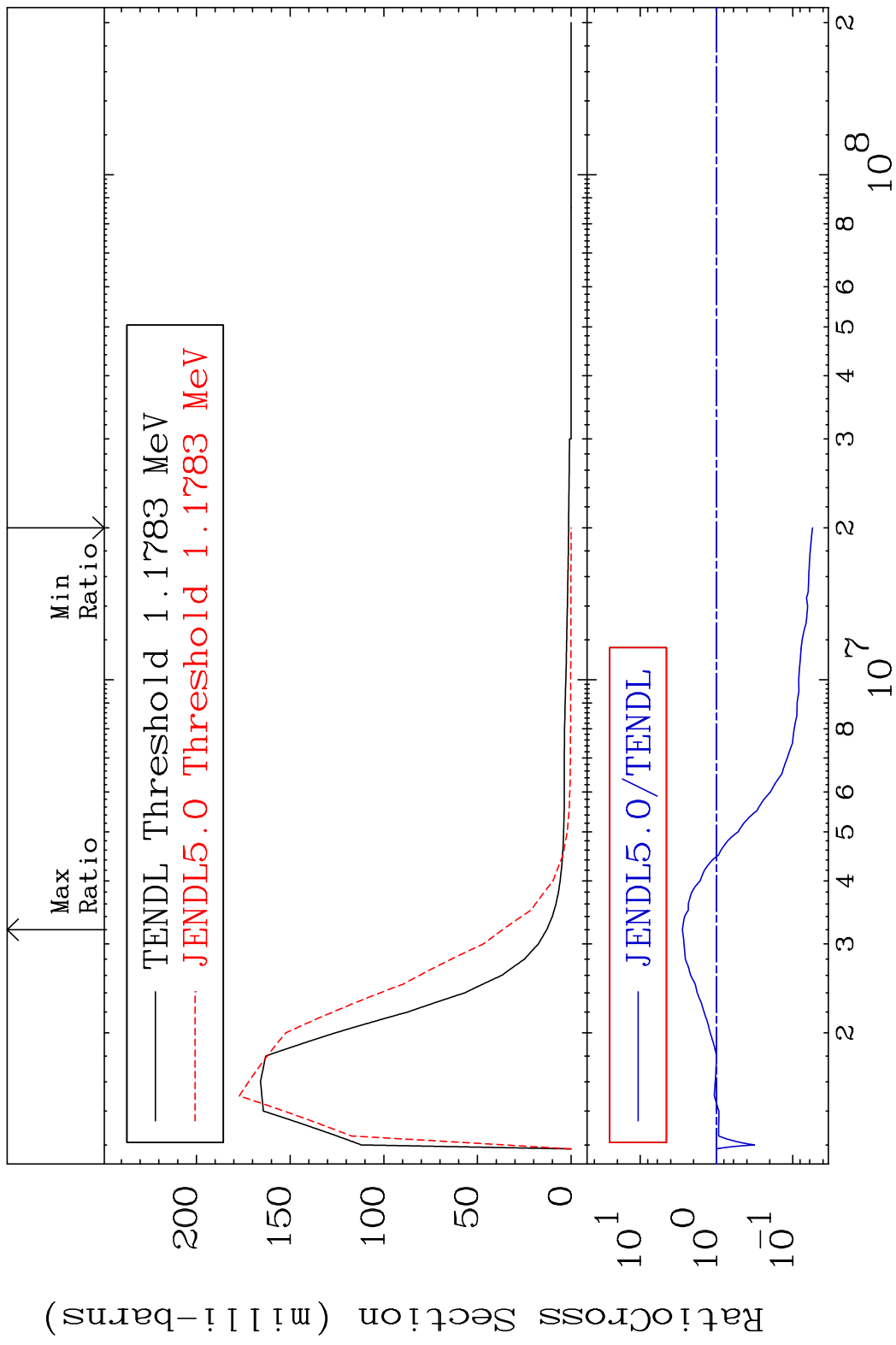
MAT 6825 MT= 57 (n, n') Level 68-Er-162
 Cross Section -93.98 To 357.3 %



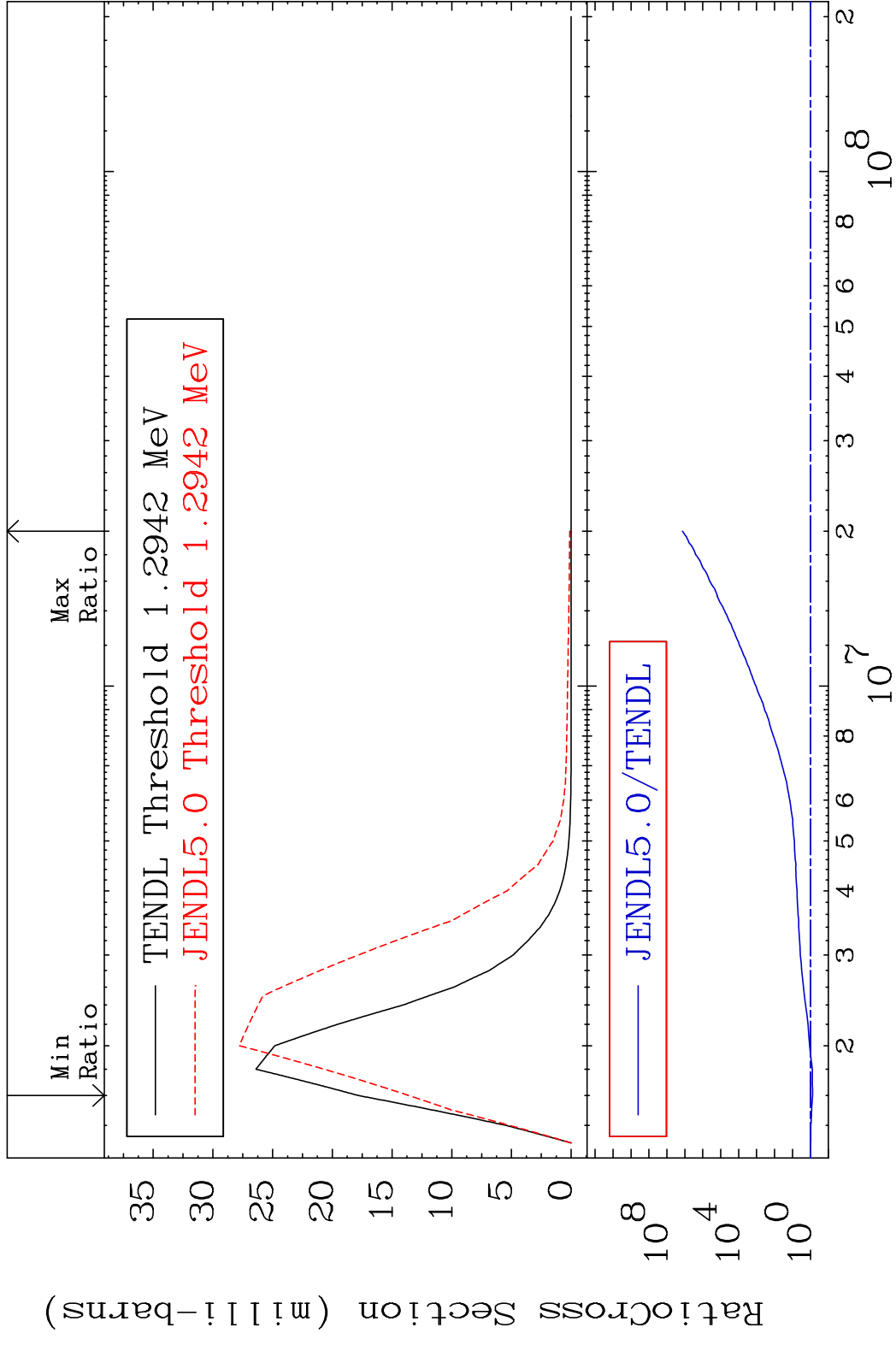
MAT 6825 MT= 58 (n, n') Level 68-Er-162
 Cross Section -23.25 To 227.0 %



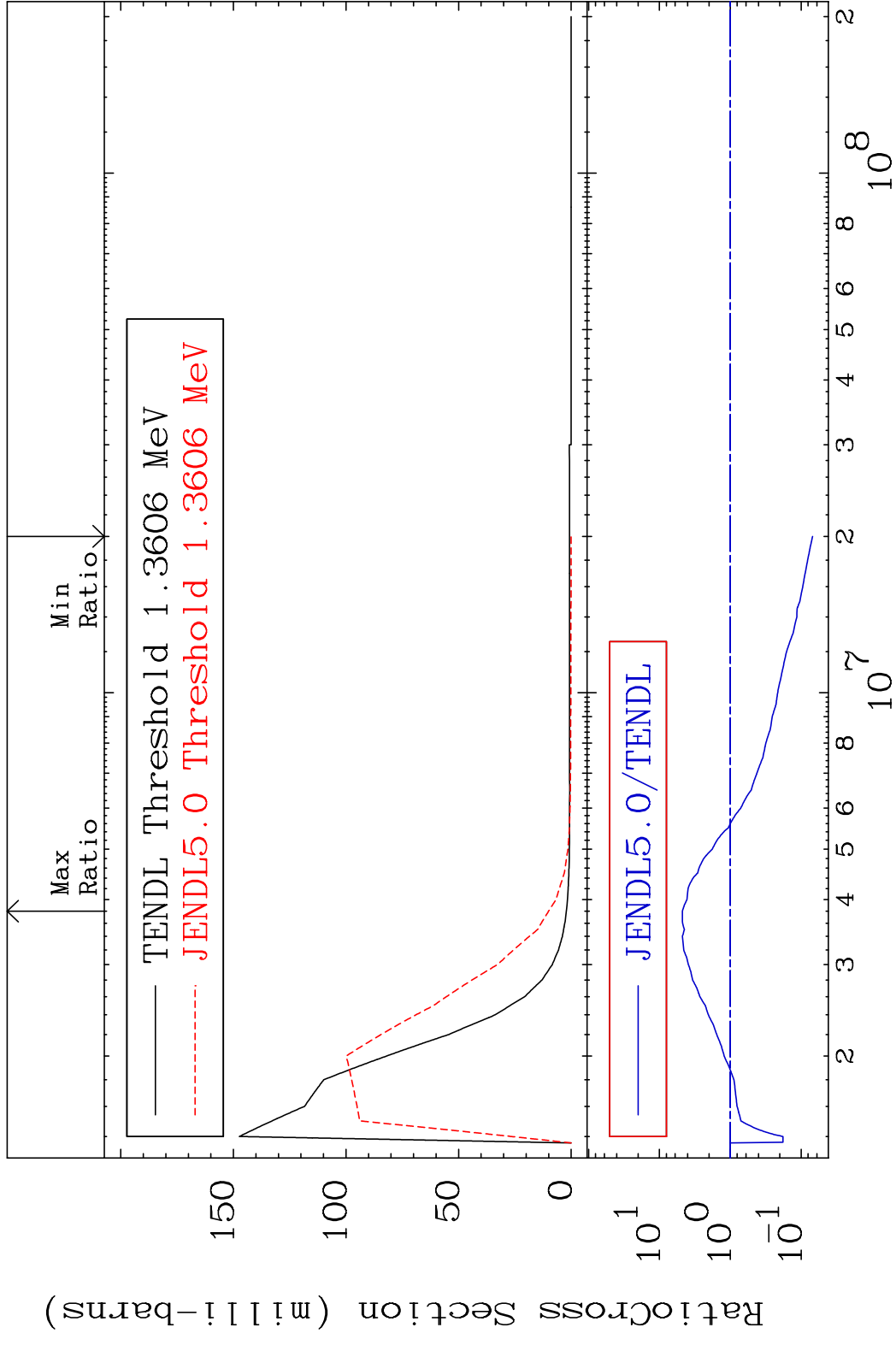
MAT 6825 MT= 59 (n, n') Level 68-Er-162
 Cross Section -94.50 To 180.9 %



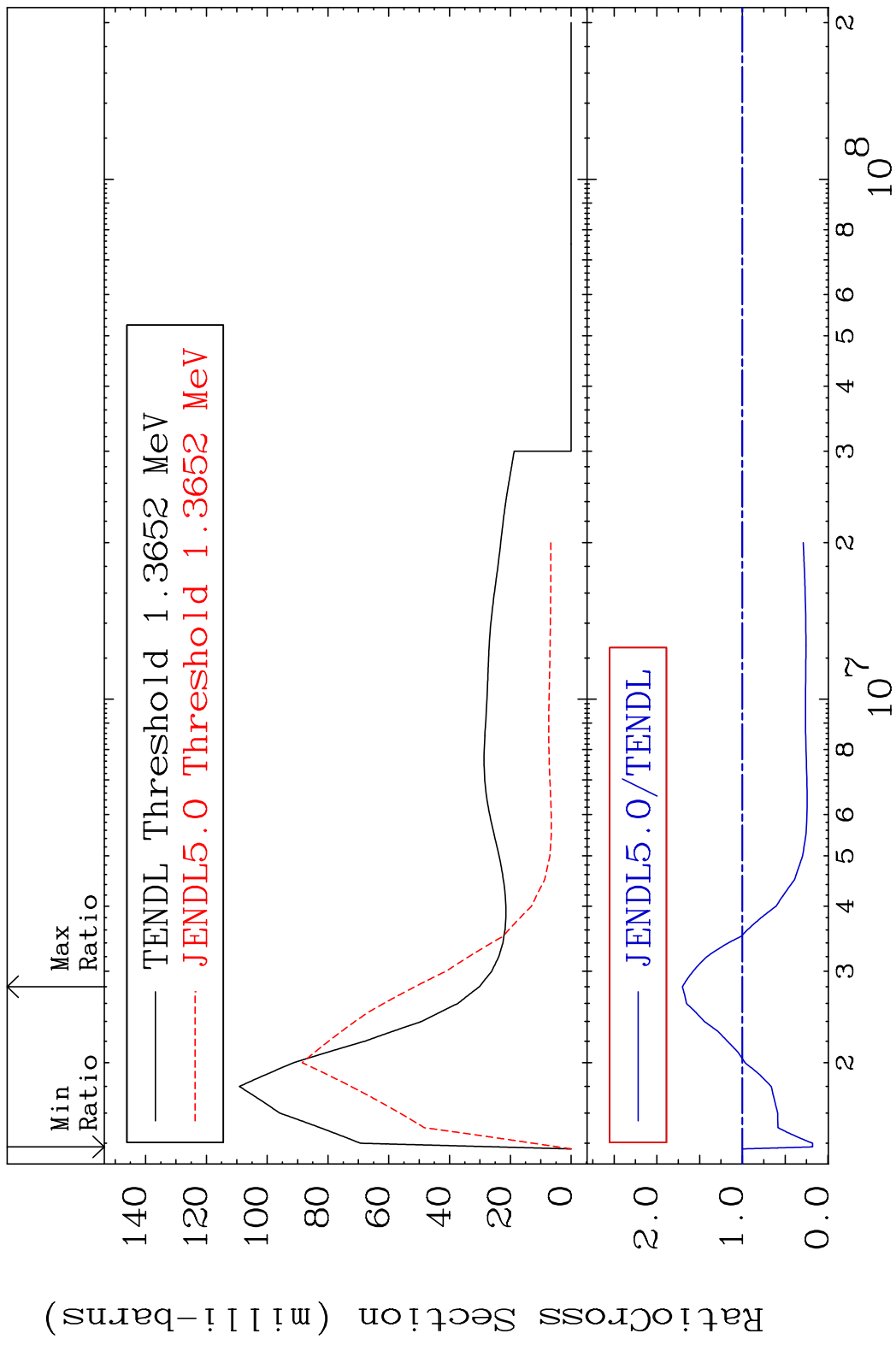
MAT 6825 MT= 60 (n, n') Level 68-Er-162
 Cross Section -23.74 To 9999. %



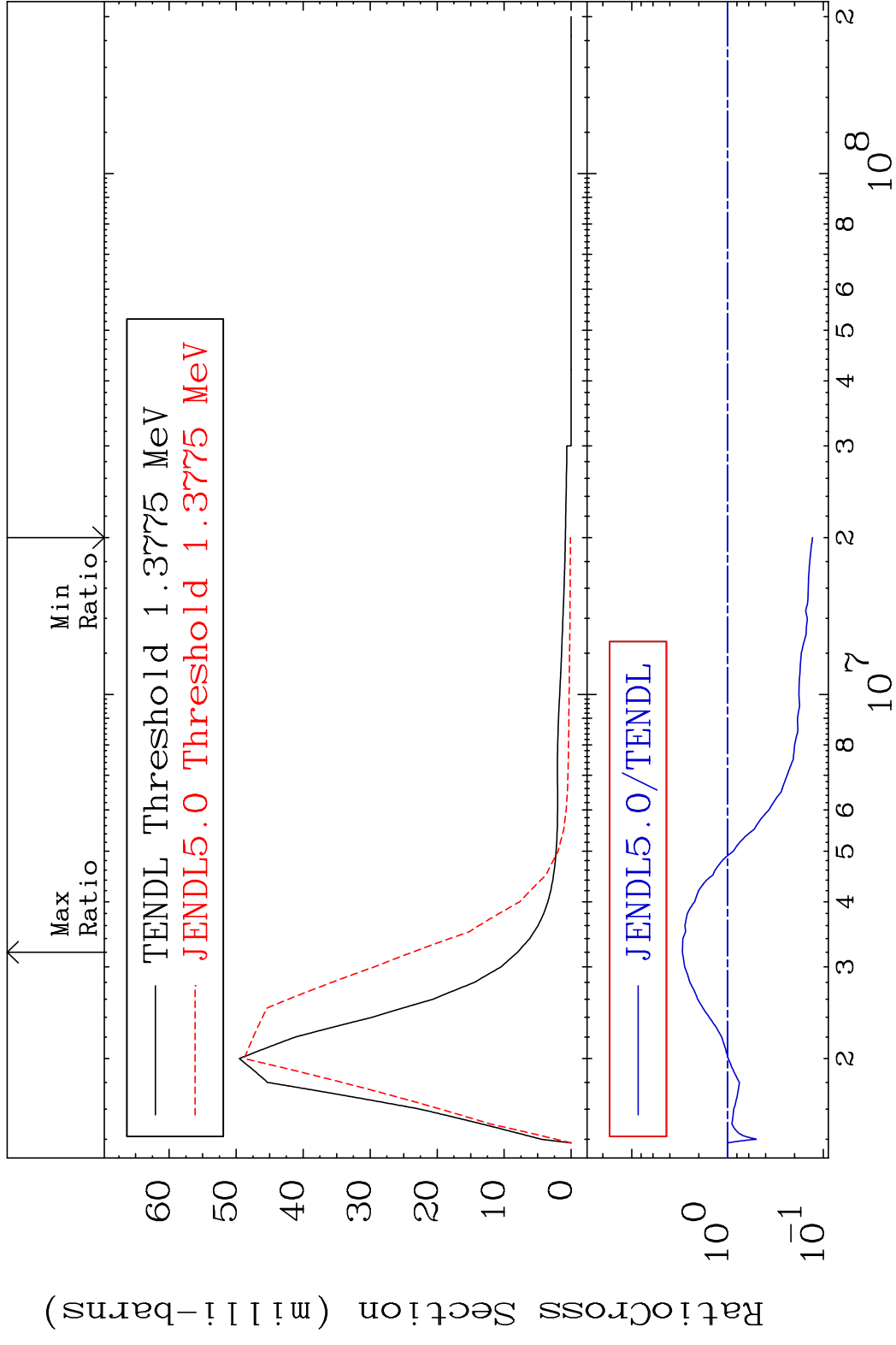
MAT 6825 MT= 61 (n, n') Level 68-Er-162
 Cross Section -93.10 To 375.2 %



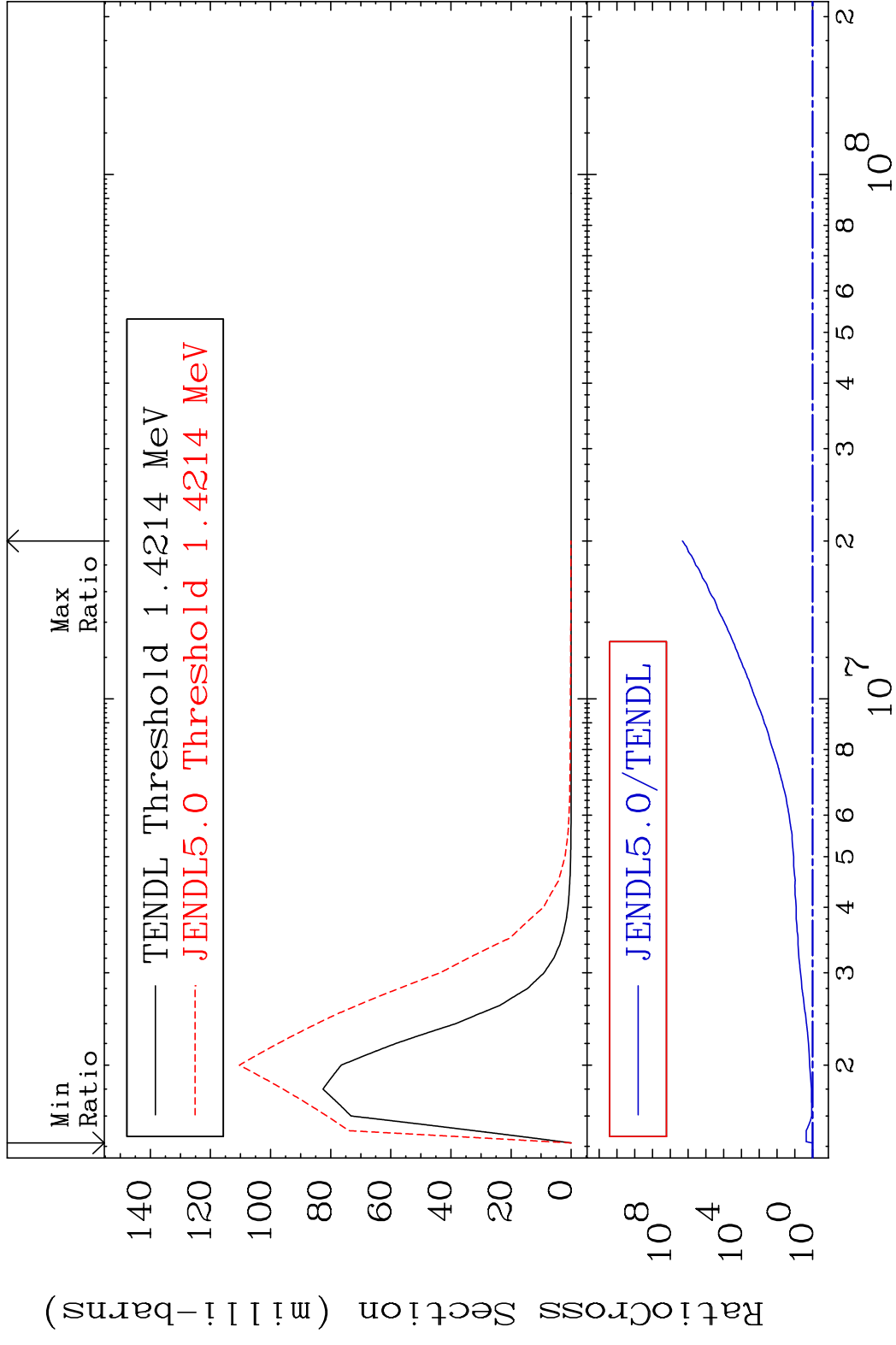
MAT 6825 MT= 62 (n,n') Level 68-Er-162
 Cross Section -82.02 To 70.23 %



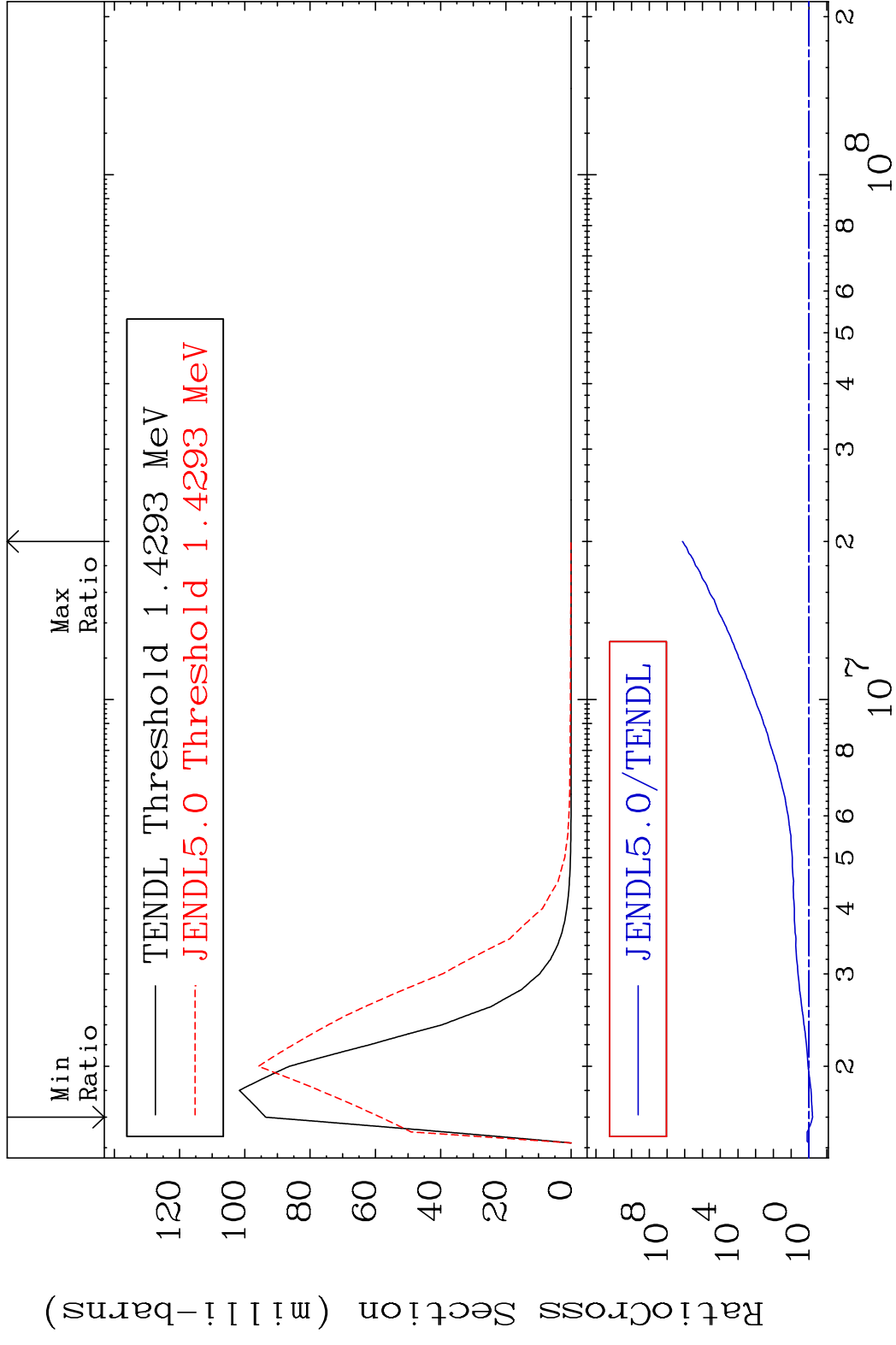
MAT 6825 MT= 63 (n, n') Level 68-Er-162
 Cross Section -87.01 To 196.4 %



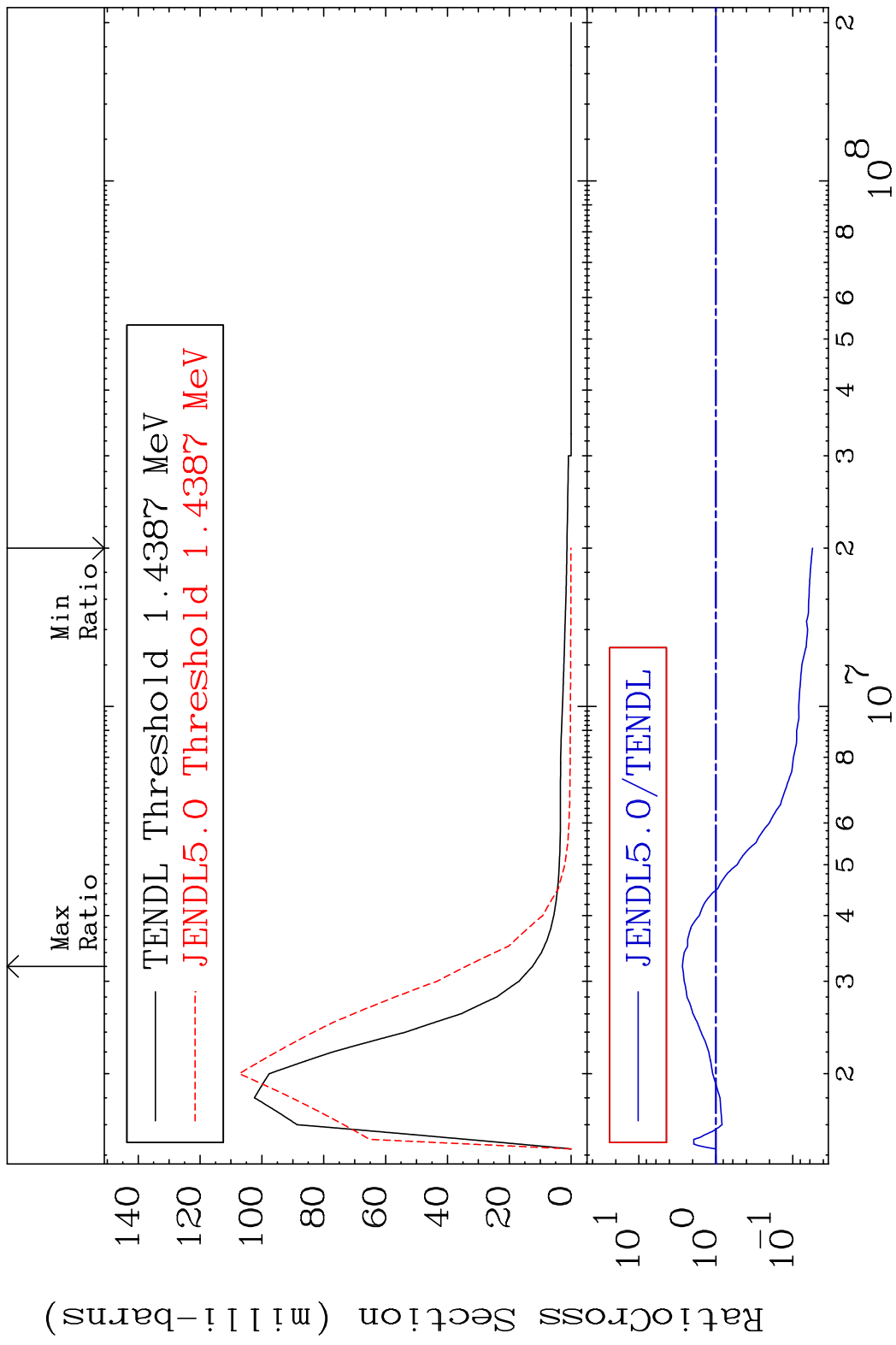
MAT 6825 MT= 64 (n, n') Level 68-Er-162
 Cross Section 0.000 To 9999. %



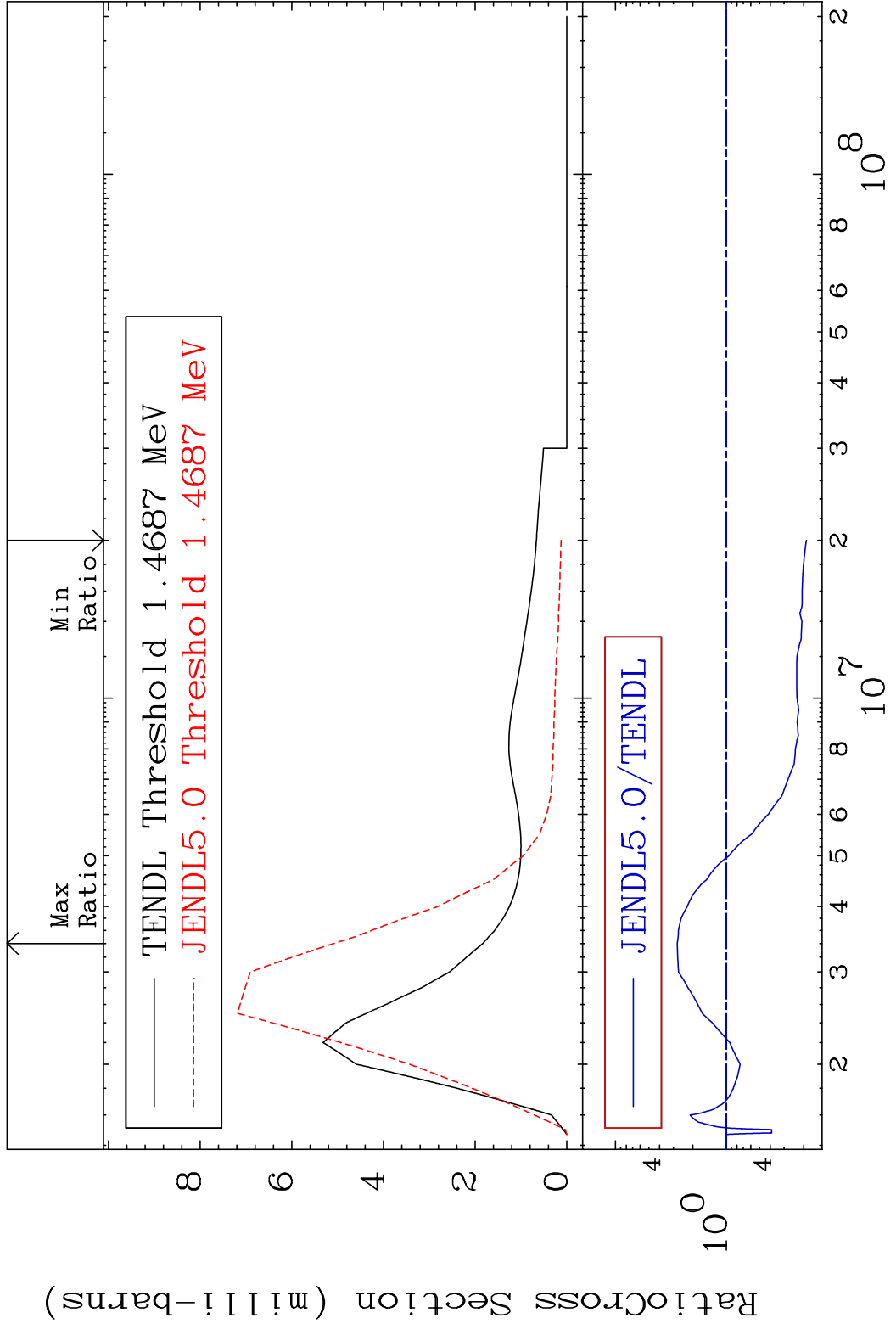
MAT 6825 MT= 65 (n, n') Level 68-Er-162
 Cross Section -37.63 To 9999. %



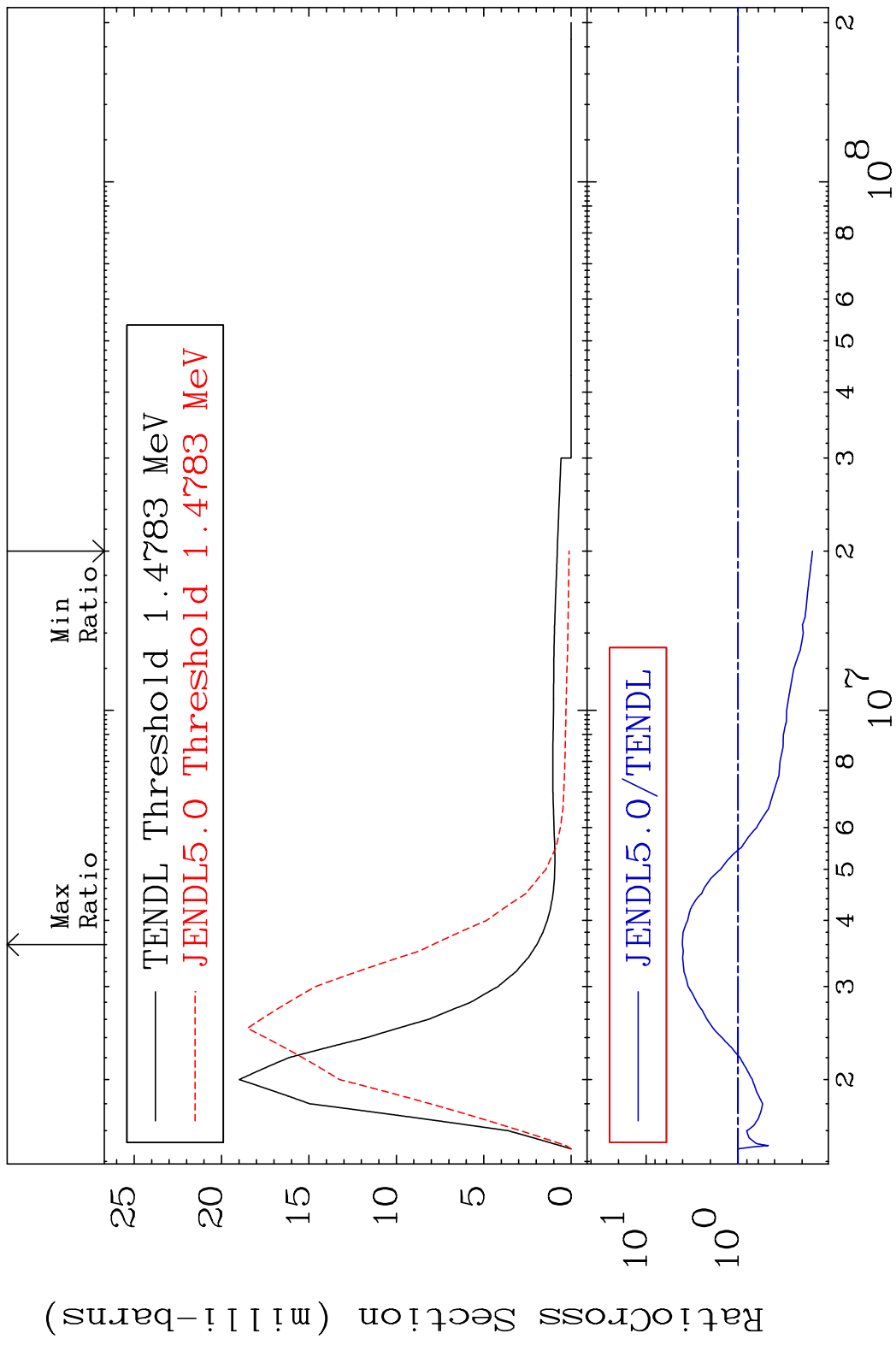
MAT 6825 MT= 66 (n, n') Level 68-Er-162
 Cross Section -94.47 To 172.2 %



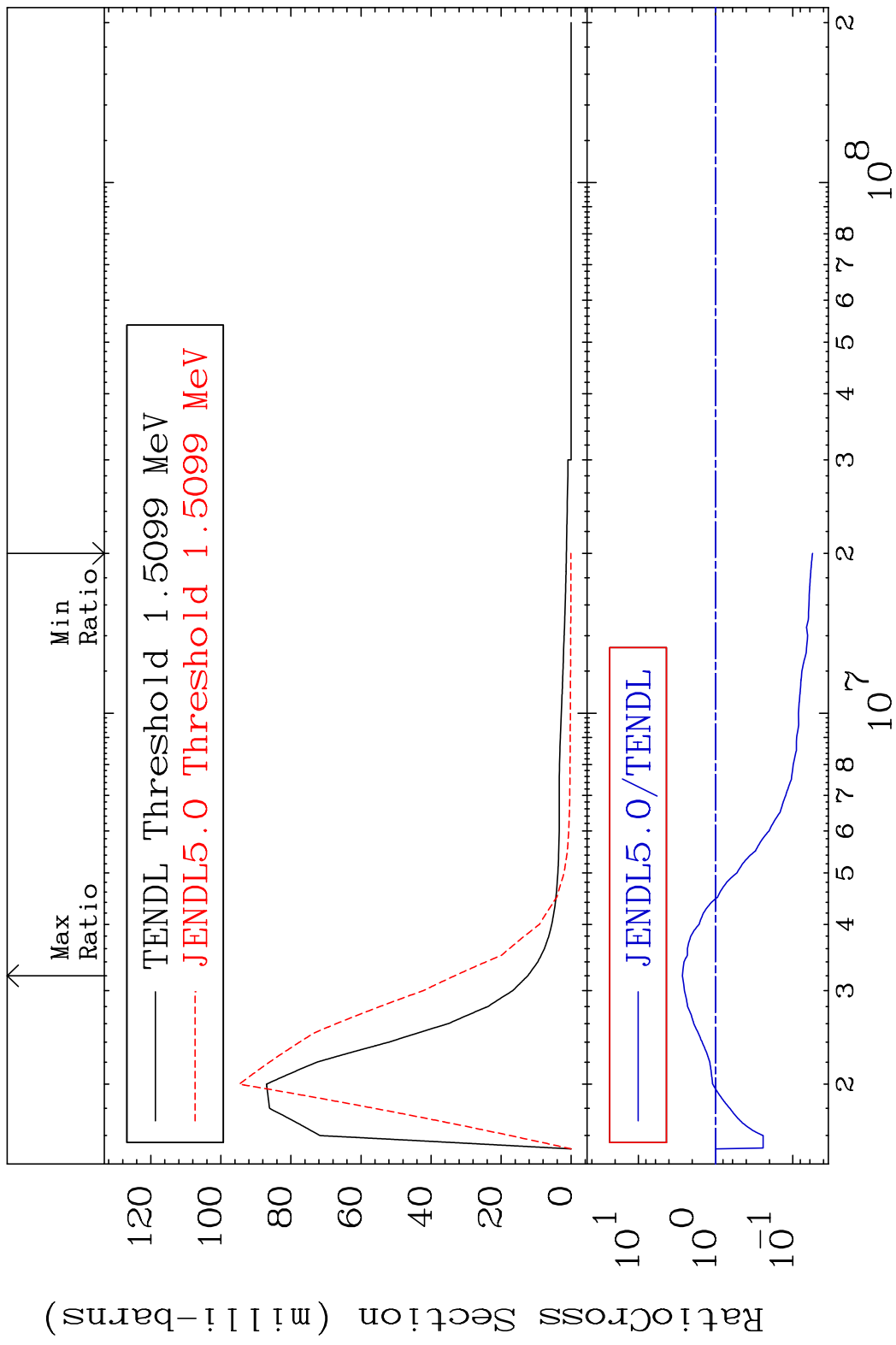
MAT 6825 MT= 67 (n, n') Level 68-Er-162
 Cross Section -81.11 To 177.3 %



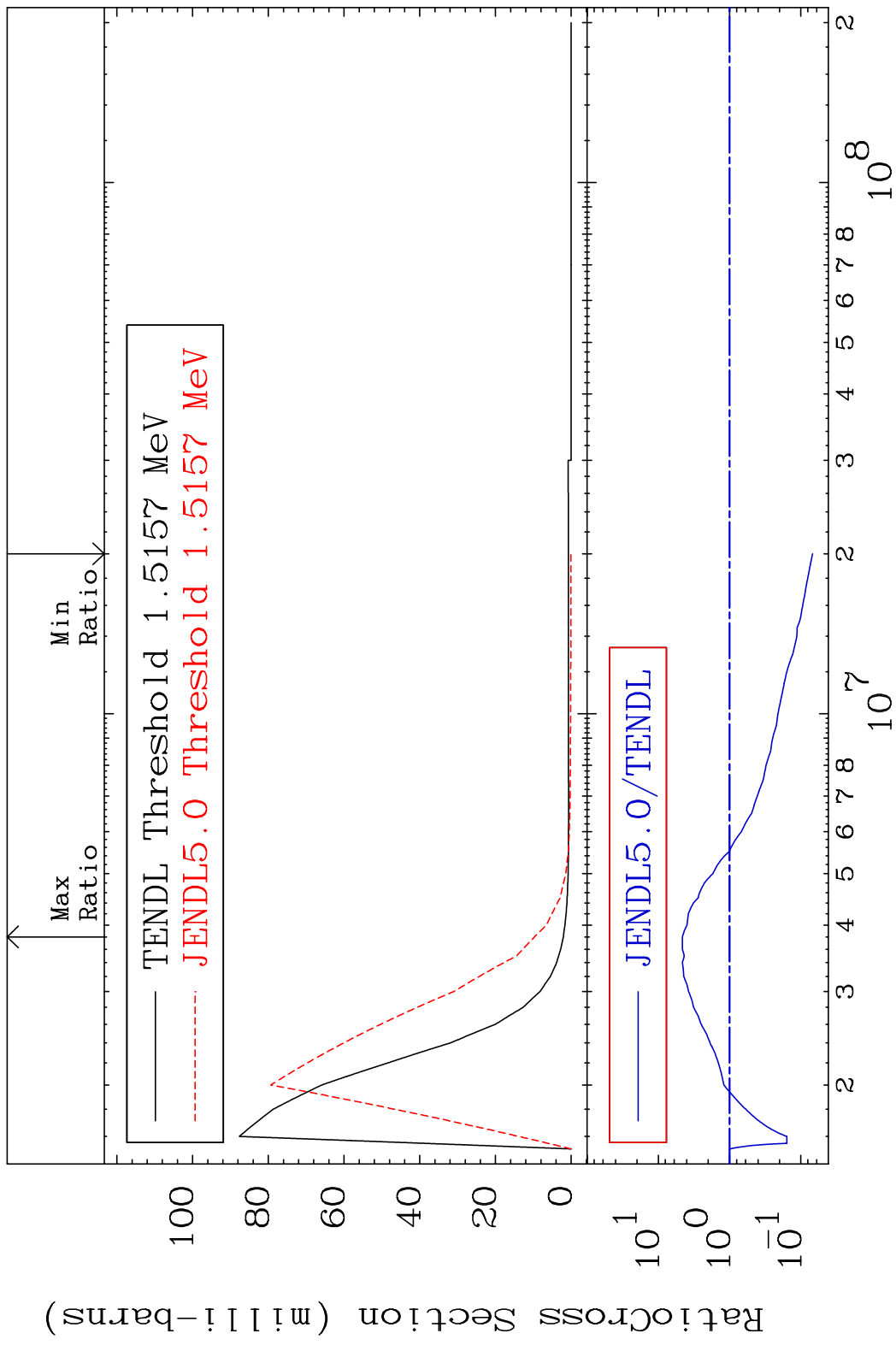
MAT 6825 MT= 68 (n,n') Level 68-Er-162
 Cross Section -84.58 To 303.5 %



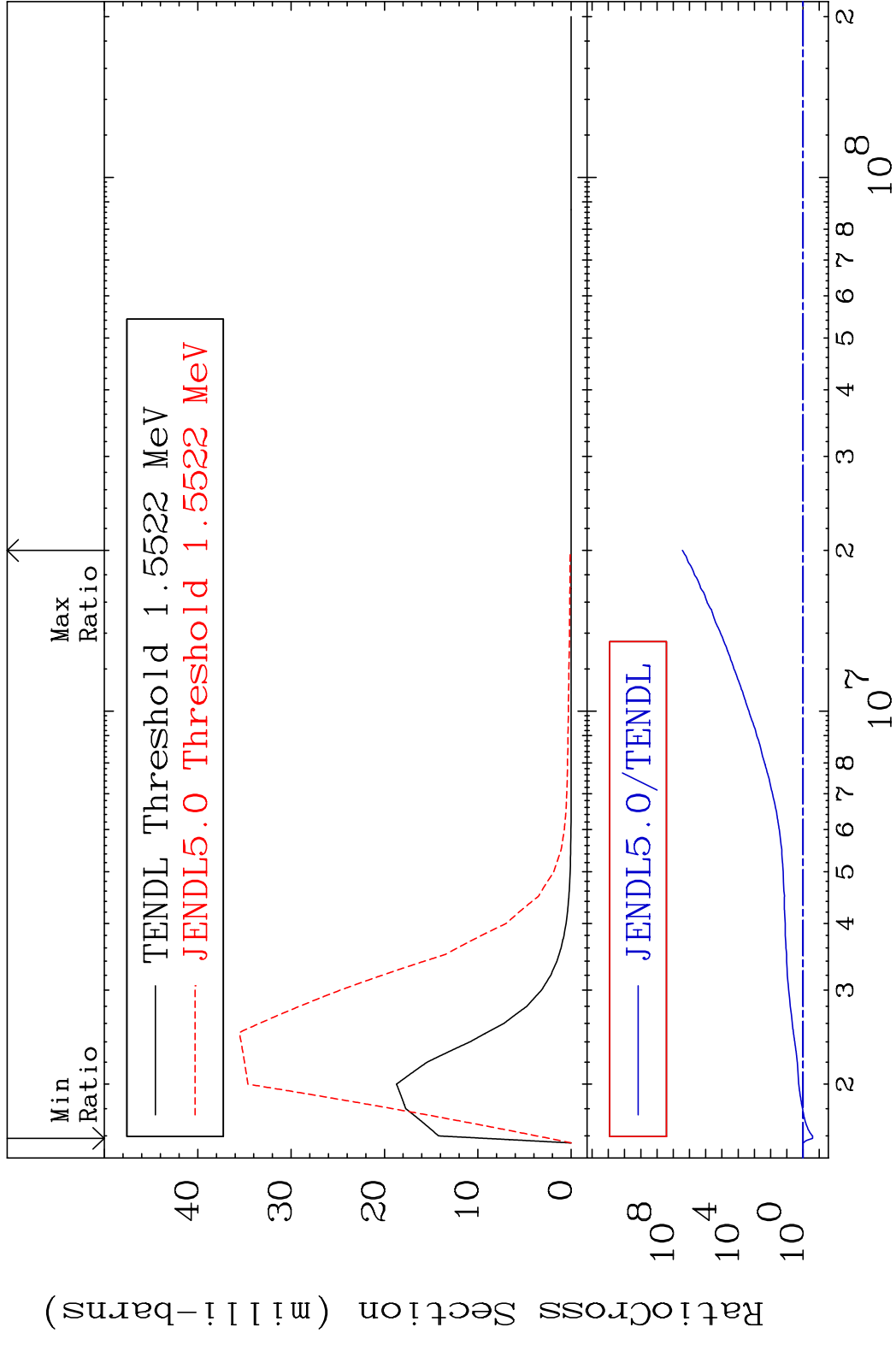
MAT 6825 MT= 69 (n, n') Level 68-Er-162
 Cross Section -94.46 To 168.9 %



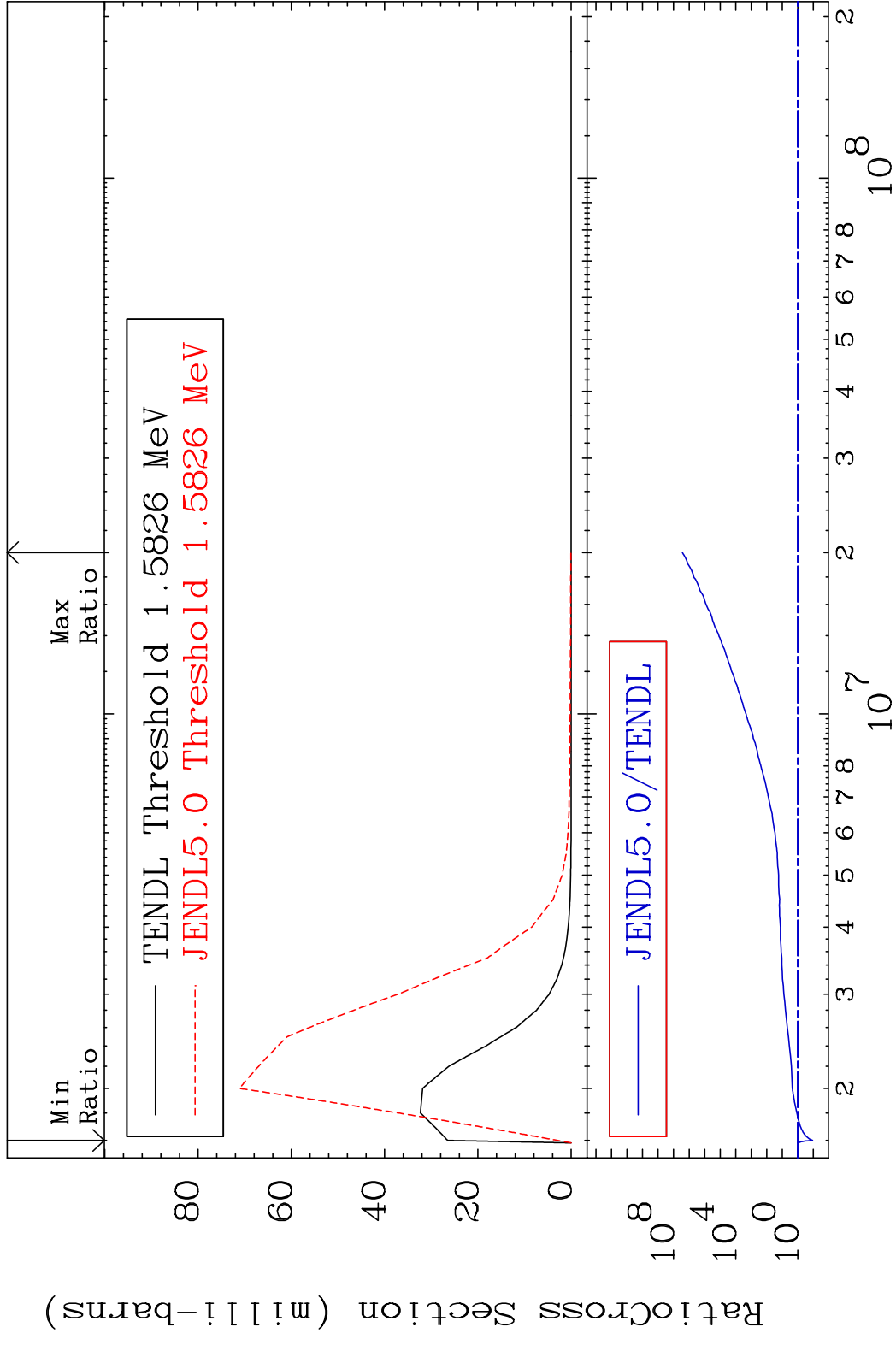
MAT 6825 MT= 70 (n,n') Level 68-Er-162
 Cross Section -93.15 To 362.2 %



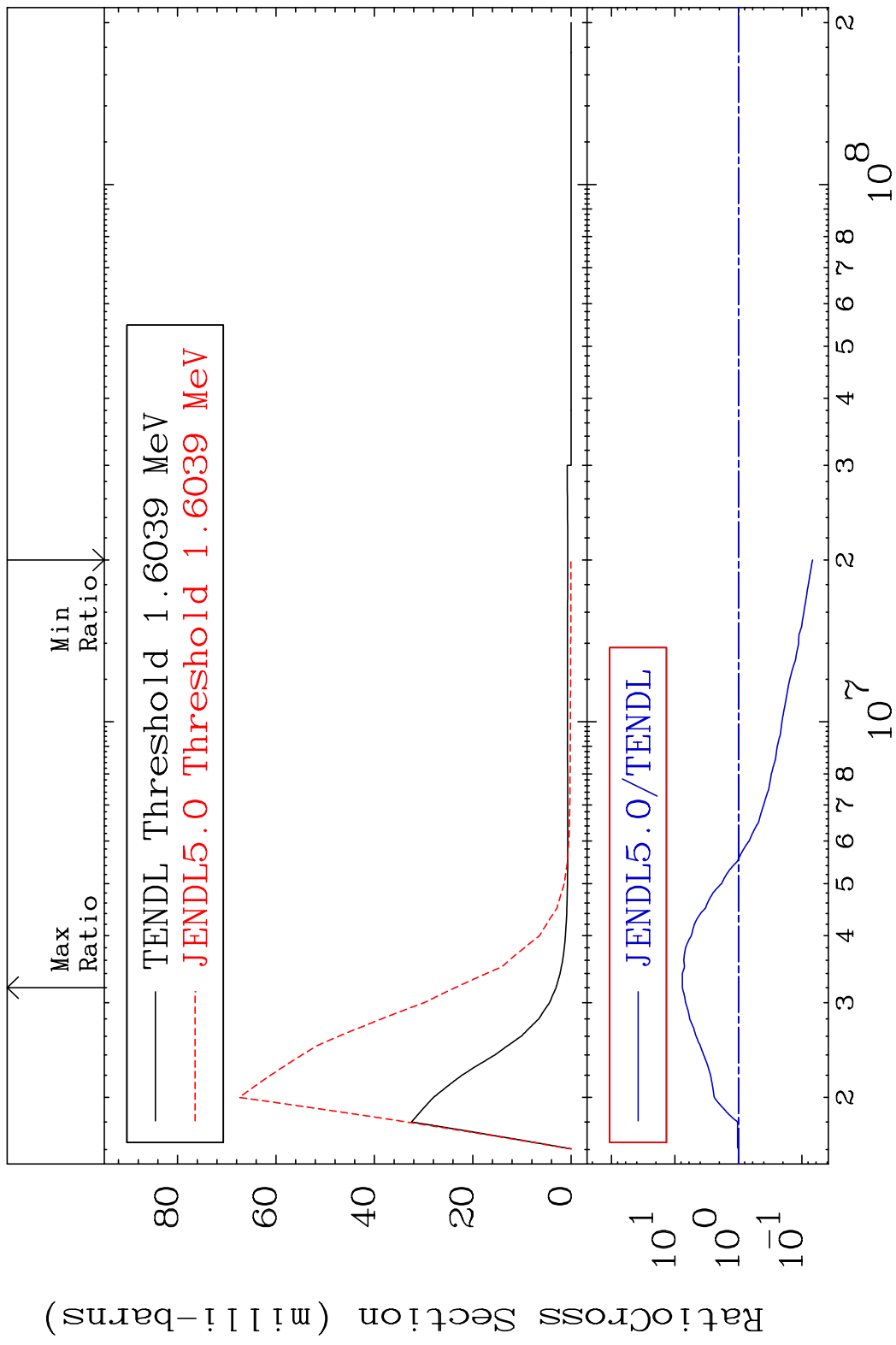
MAT 6825 MT= 71 (n, n') Level 68-Er-162
 Cross Section -74.00 To 9999. %



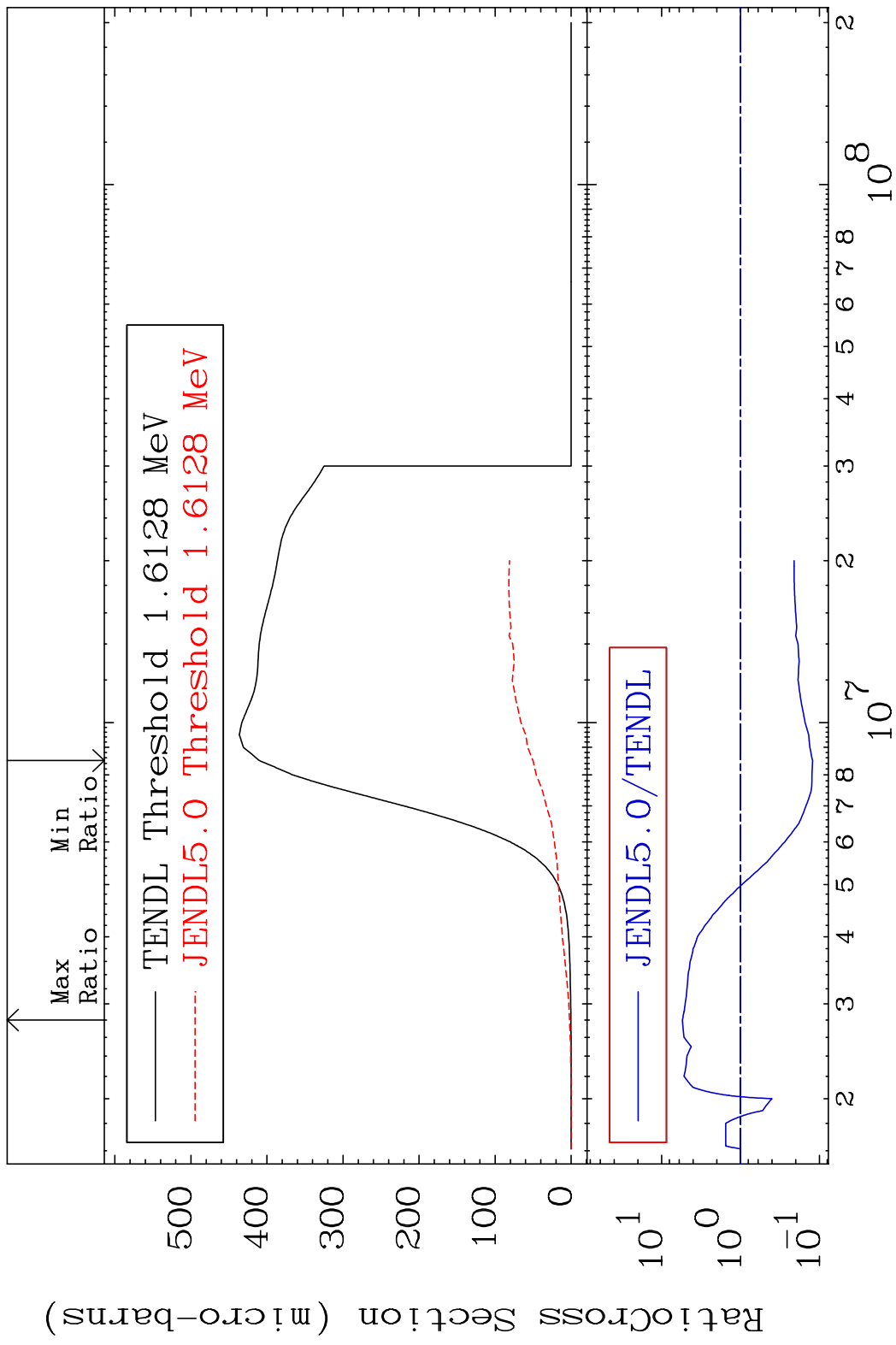
MAT 6825 MT= 72 (n, n') Level 68-Er-162
 Cross Section -88.83 To 9999. %



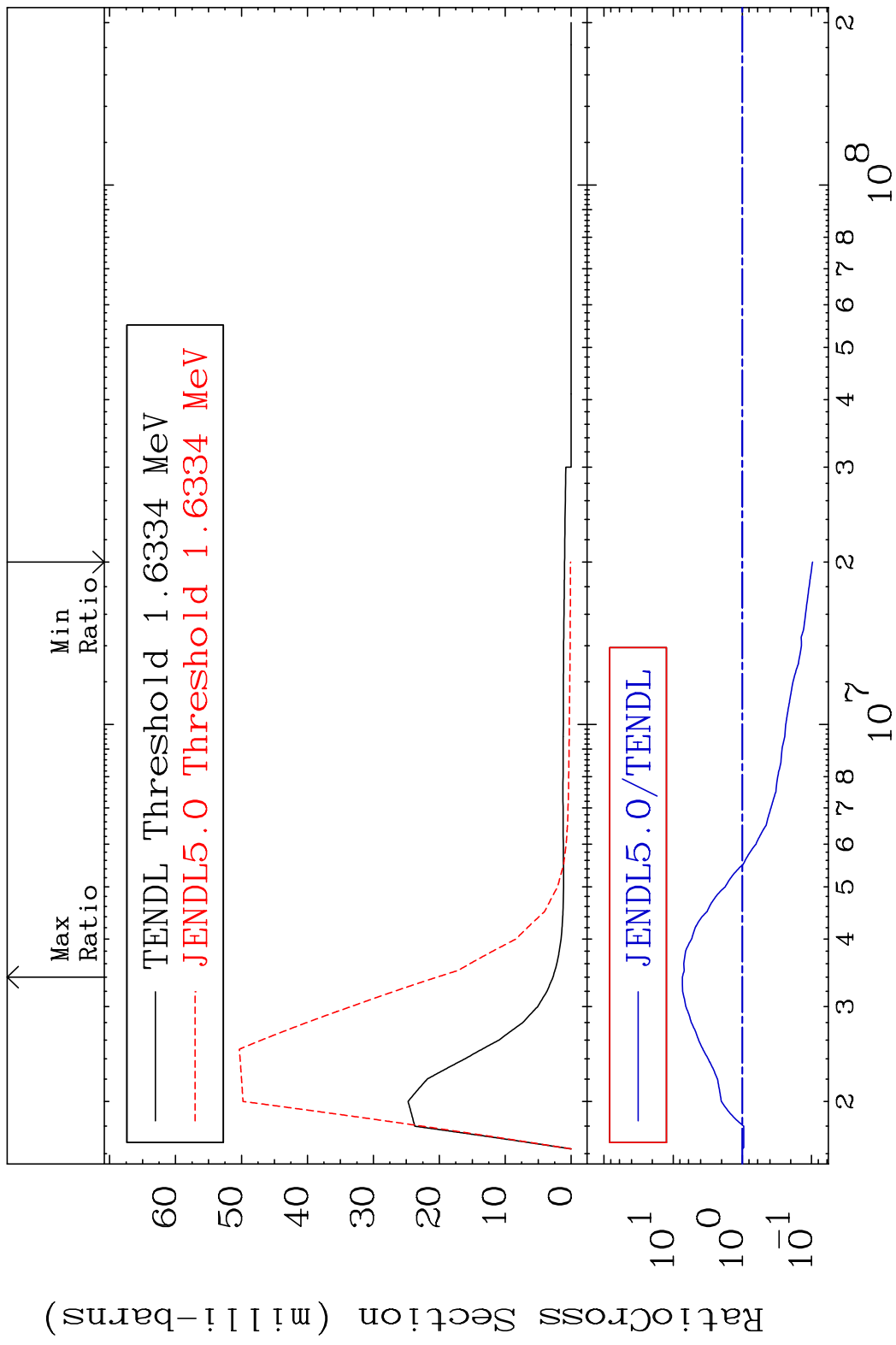
MAT 6825 MT= 73 (n, n') Level 68-Er-162
 Cross Section -93.18 To 665.2 %



MAT 6825 MT= 74 (n,n') Level 68-Er-162
 Cross Section -87.74 To 446.7 %



MAT 6825 MT= 75 (n, n') Level 68-Er-162
 Cross Section -90.34 To 637.3 %

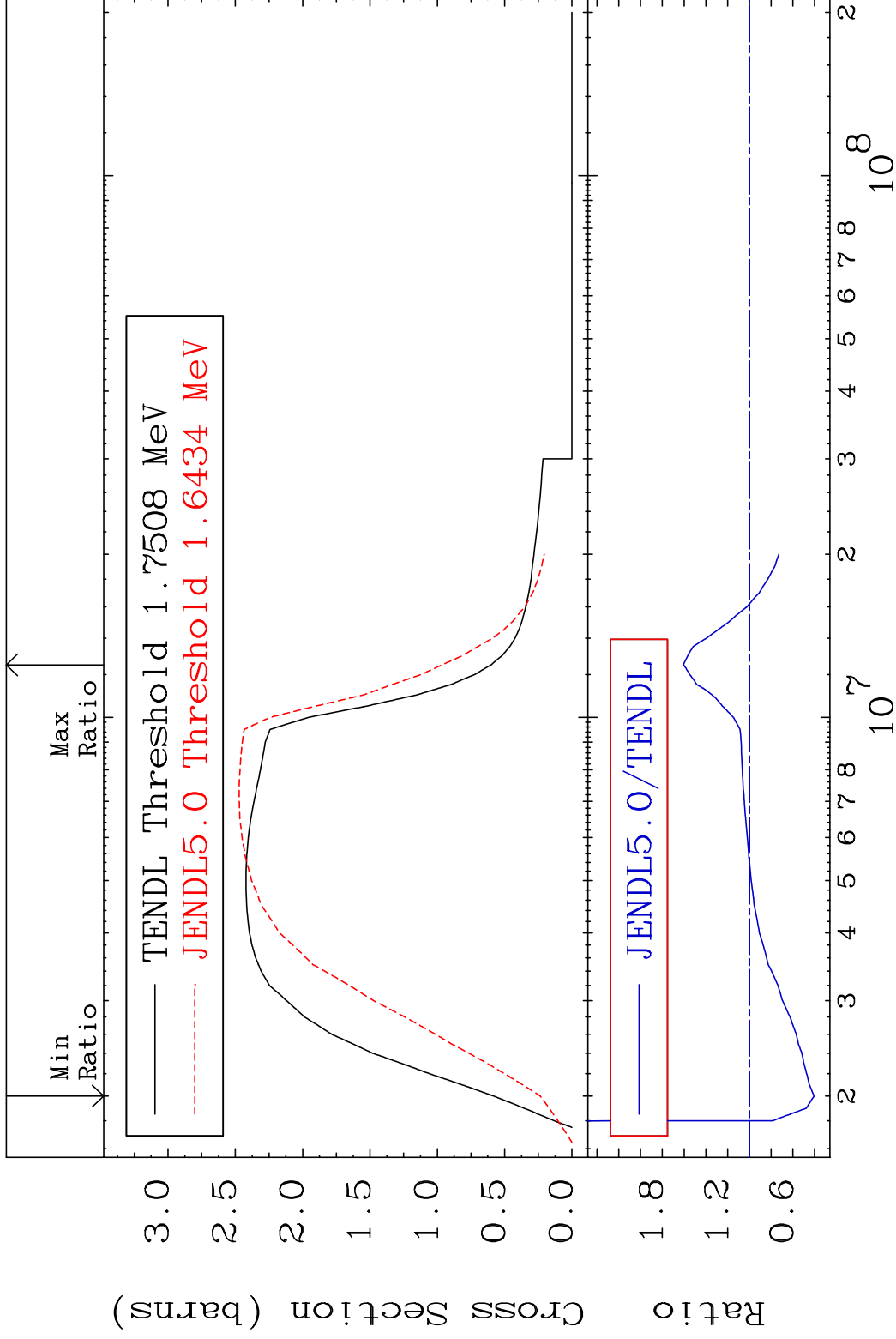


MAT 6825

(n,n') Continuum

68-Er-162

Cross Section -59.55 To 60.57 %



34

Incident Energy (eV)

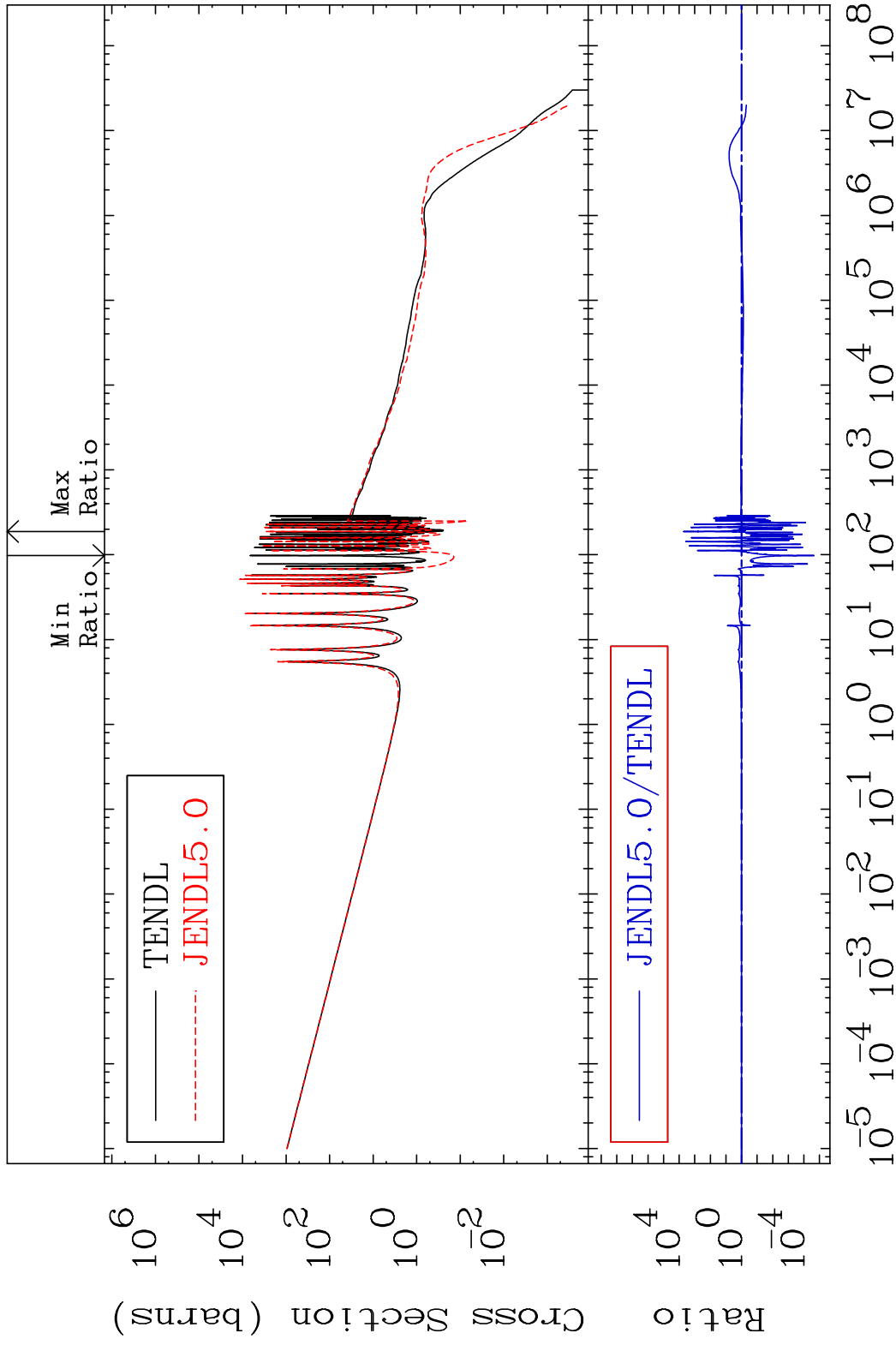
68-Er-162

MAT 6825

(n, γ)

68-Er-162

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

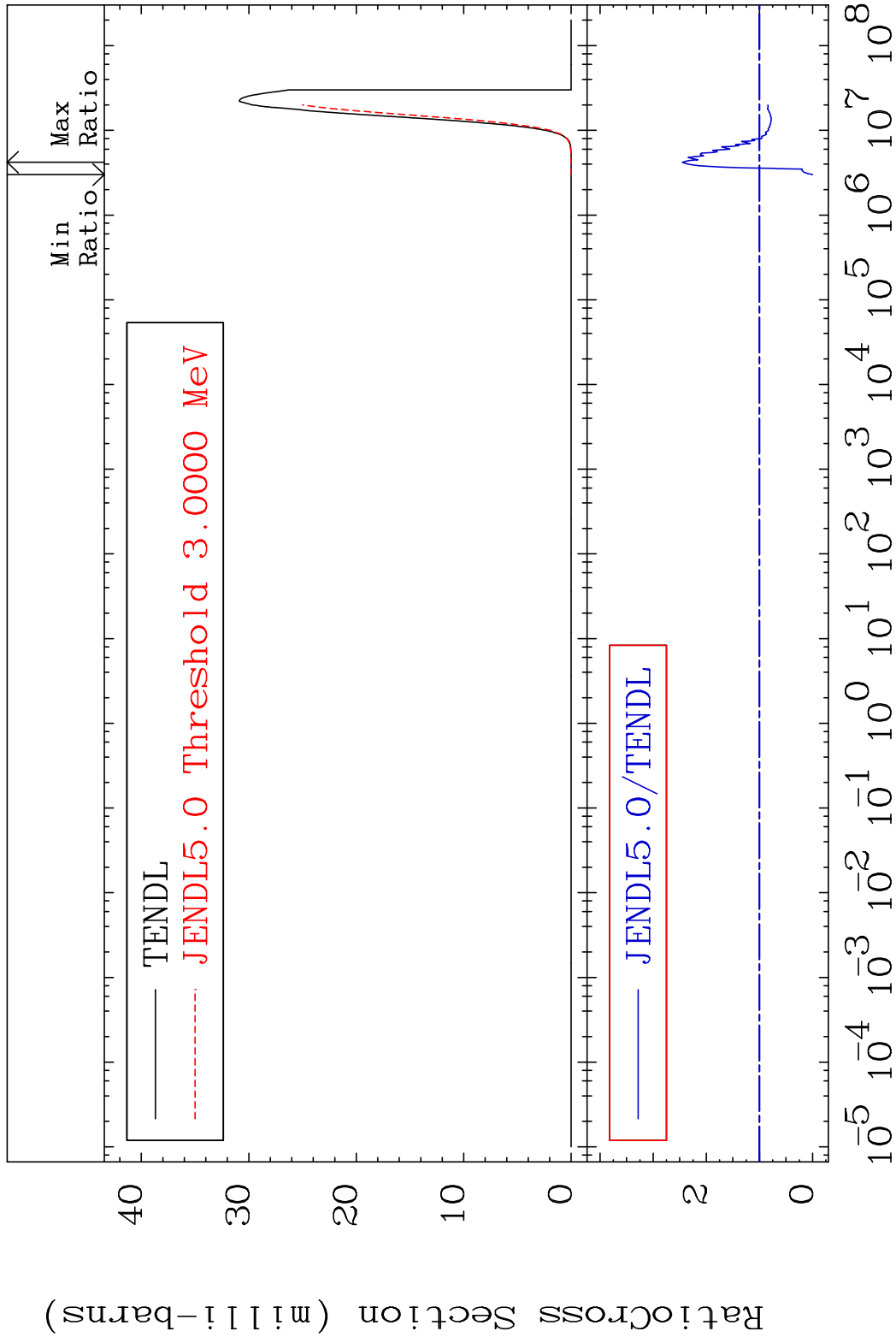
68-Er-162

MAT 6825

(n, p)

68-Er-162

Cross Section -100.0 To 145.1 %



36

Incident Energy (eV)

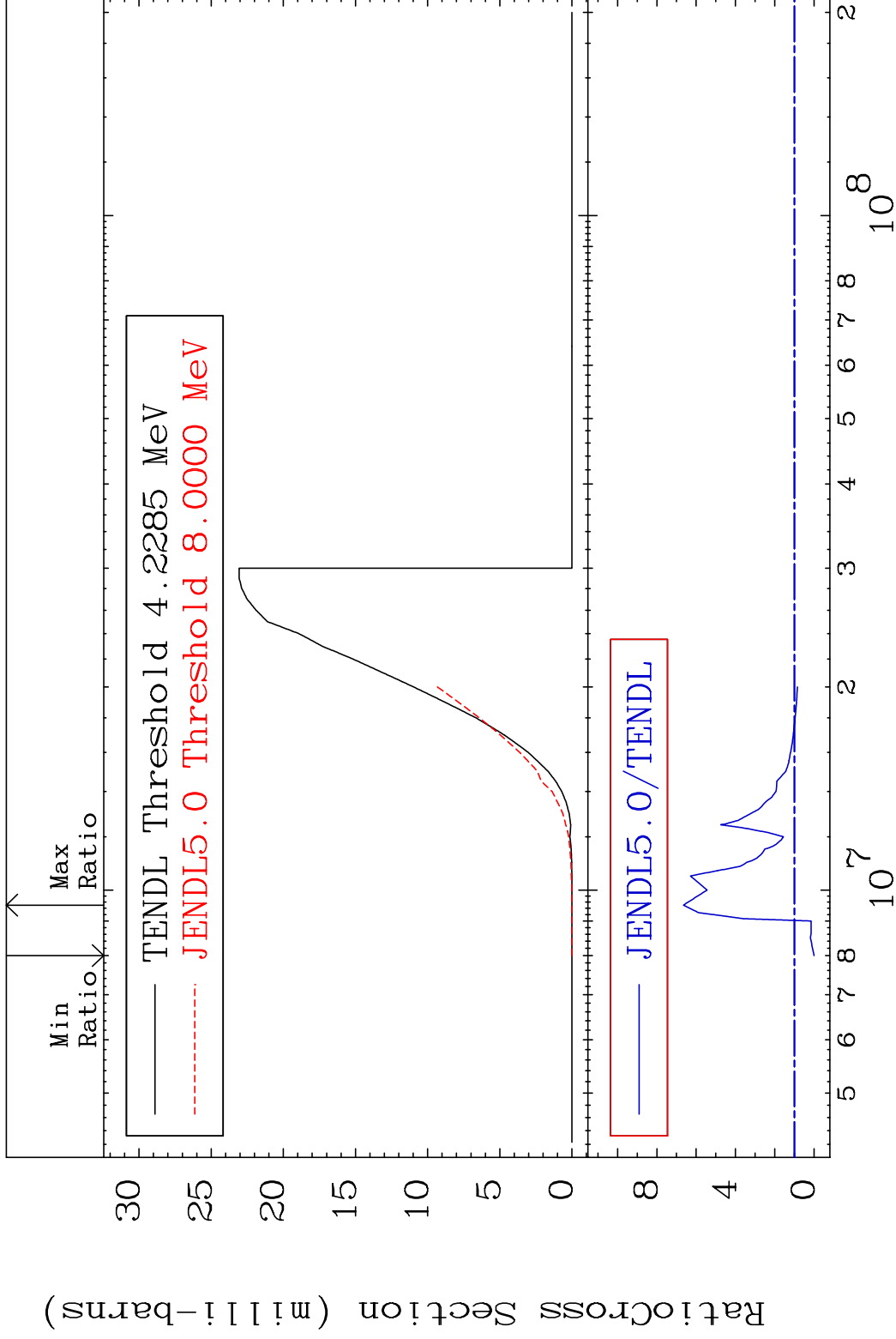
68-Er-162

MAT 6825

(n, d)

68-Er-162

Cross Section -100.0 To 564.6 %

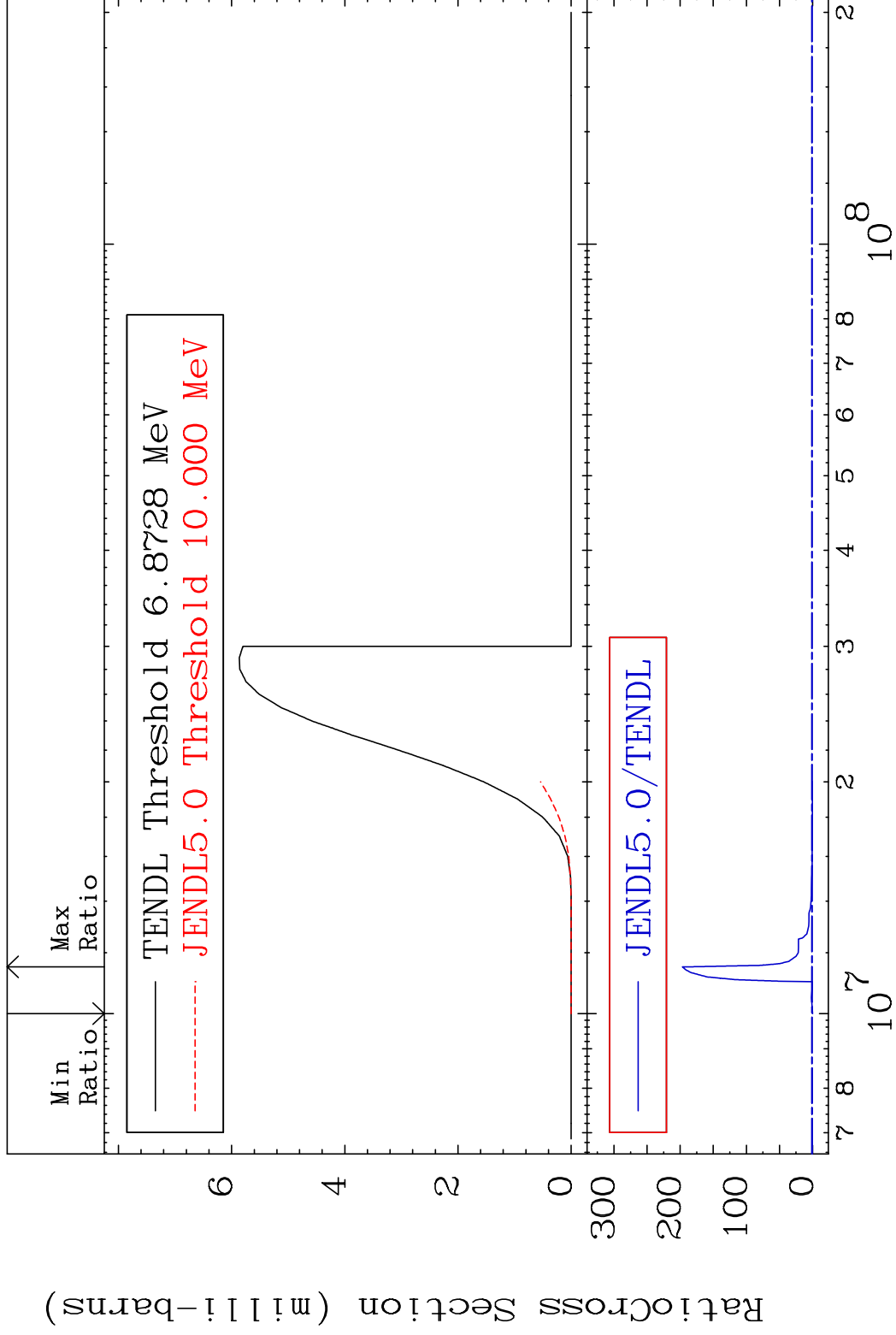


MAT 6825

(n, t)

68-Er-162

Cross Section -100.0 To 9999. %

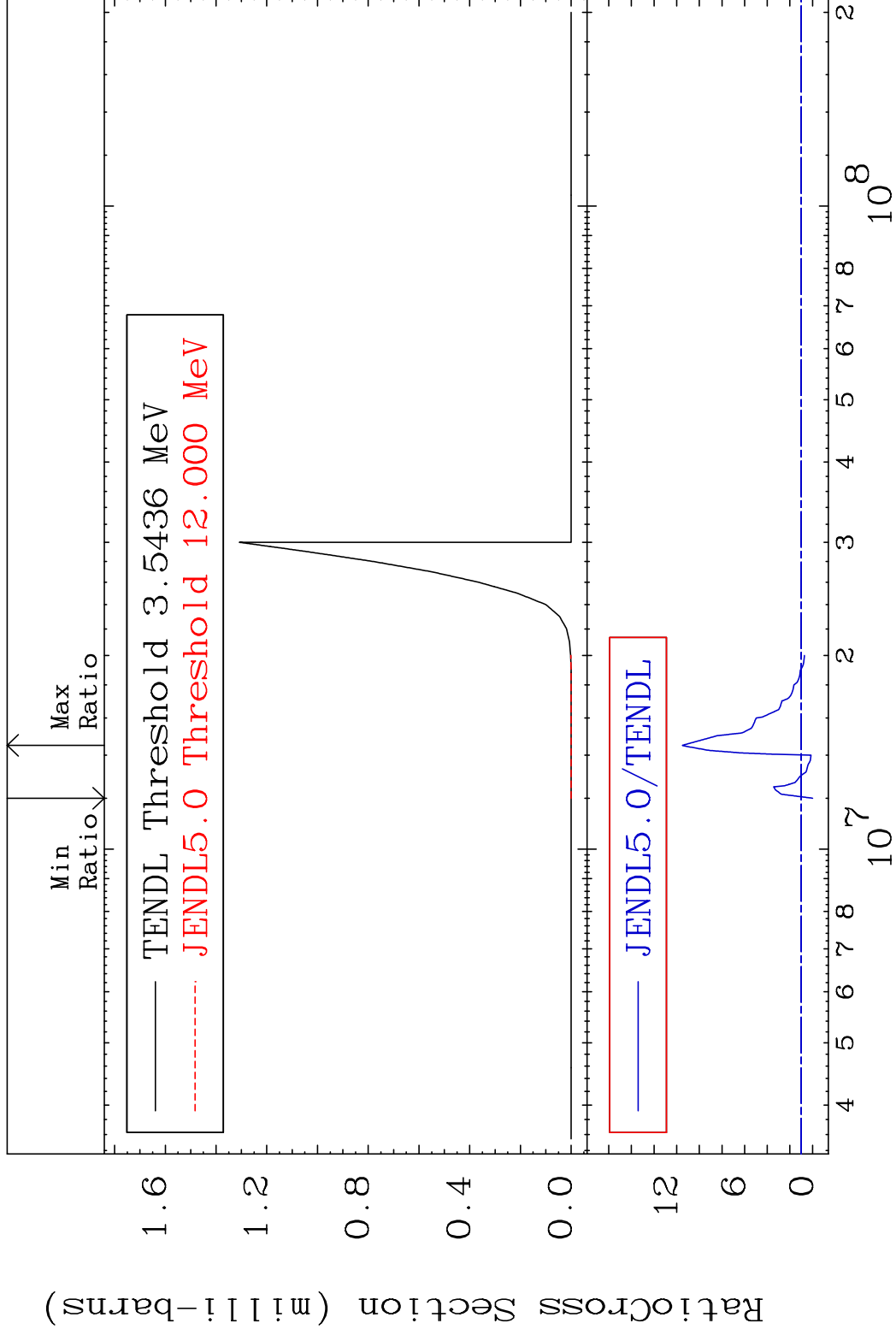


38

Incident Energy (eV)

68-Er-162

Cross Section -100.0 To 1050. %

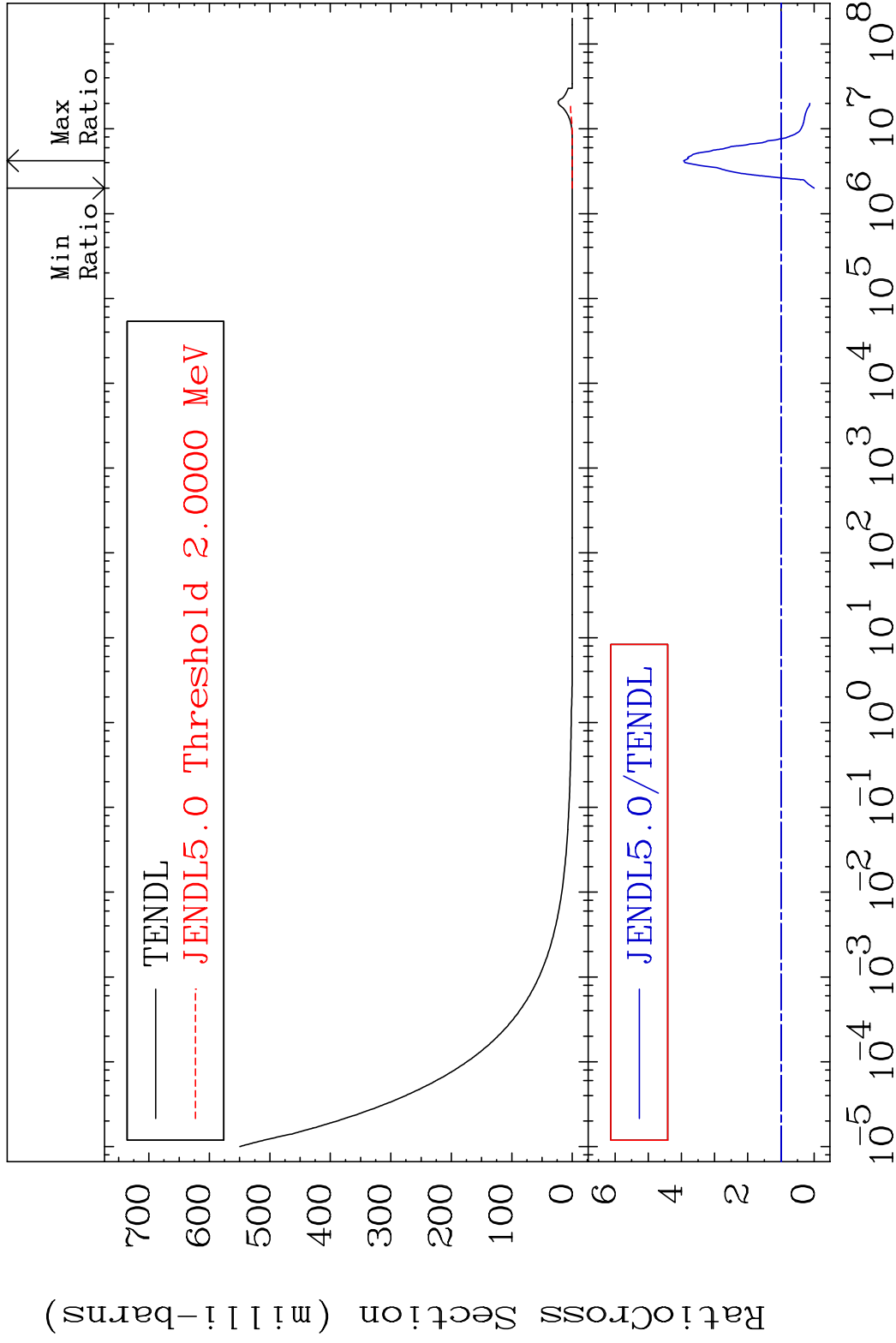


MAT 6825

(n, α)

68-Er-162

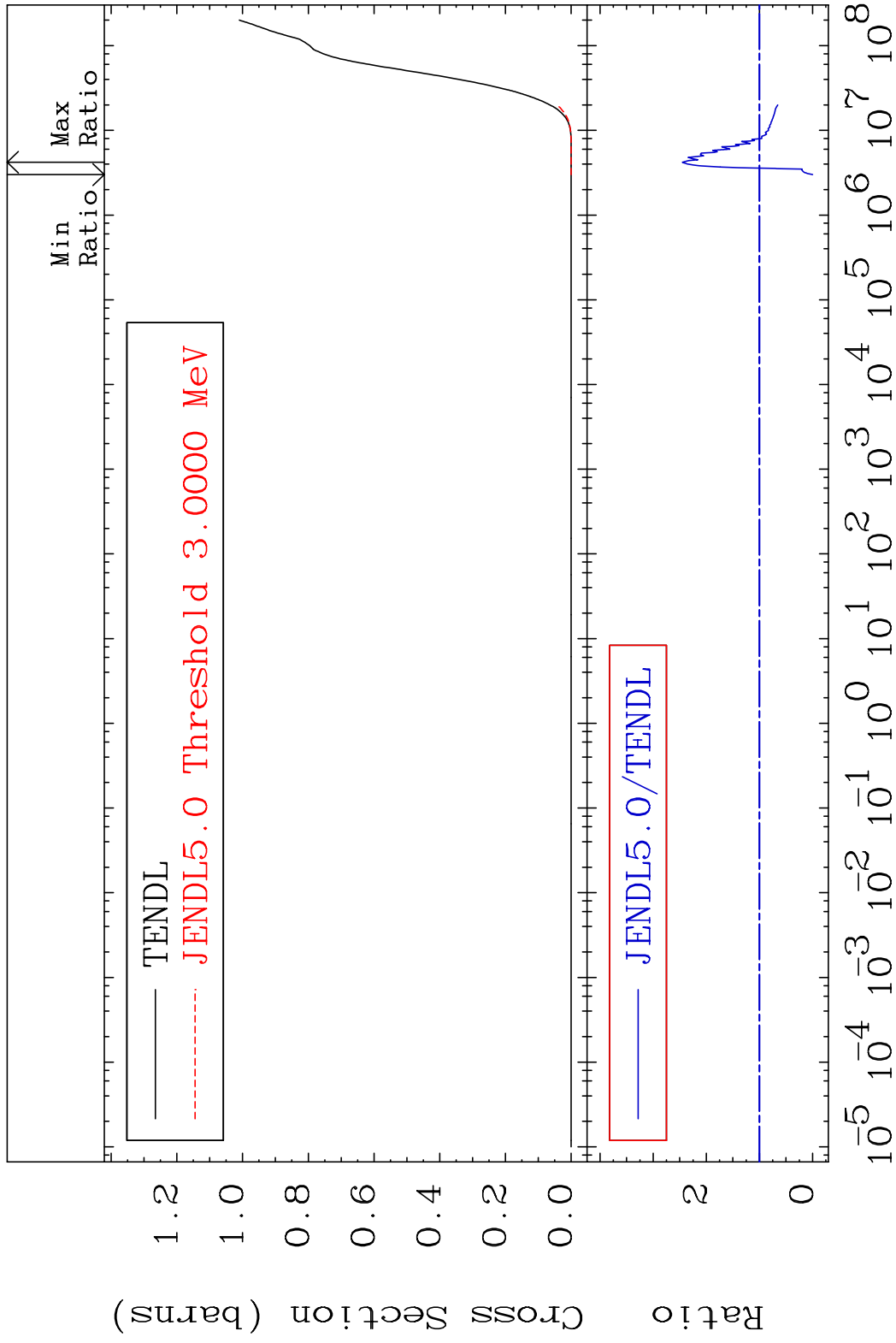
Cross Section -100.0 To 293.2 %



40

Incident Energy (eV)

68-Er-162

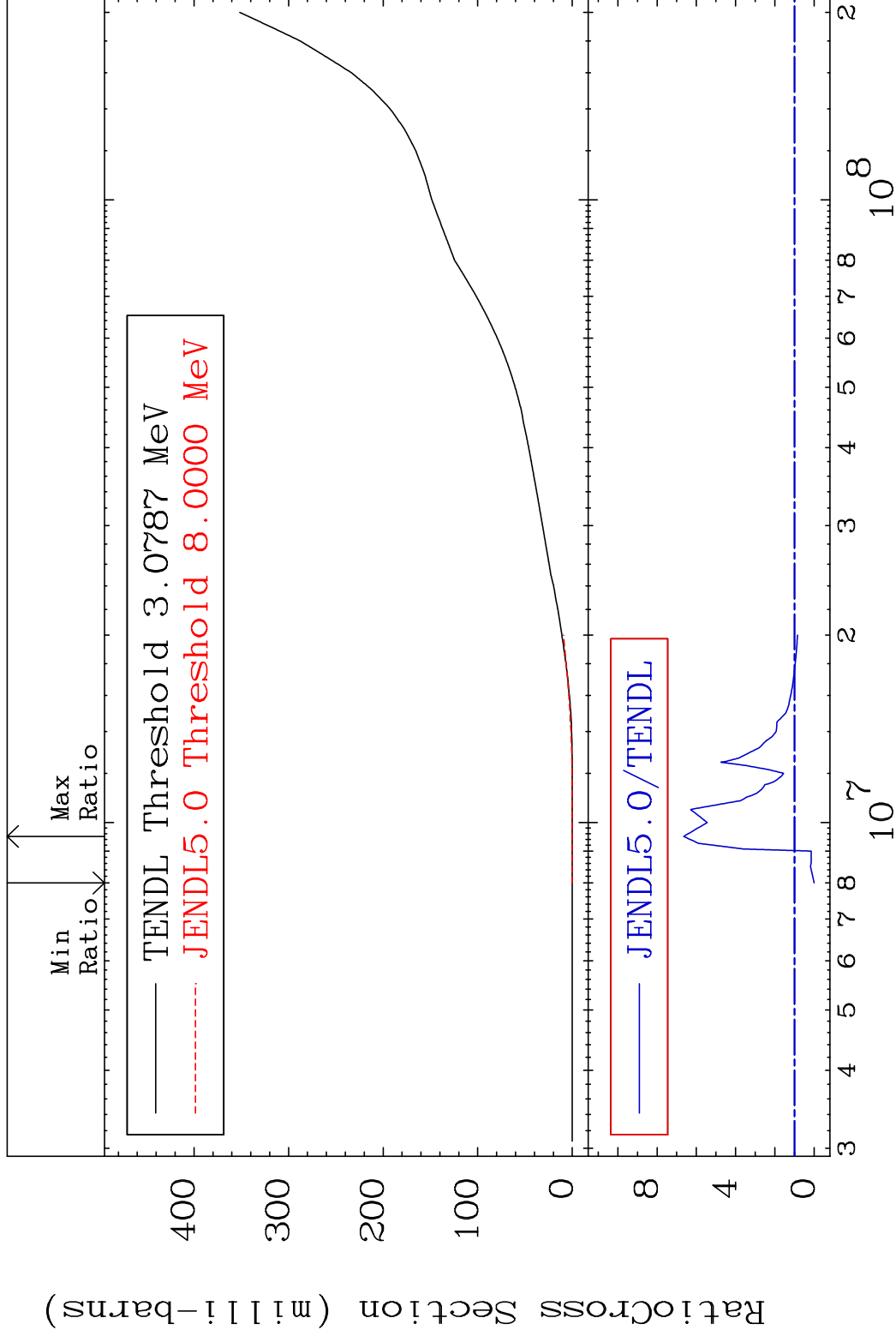


MAT 6825

Deuterium Production

68-Er-162

Cross Section -100.0 To 564.6 %

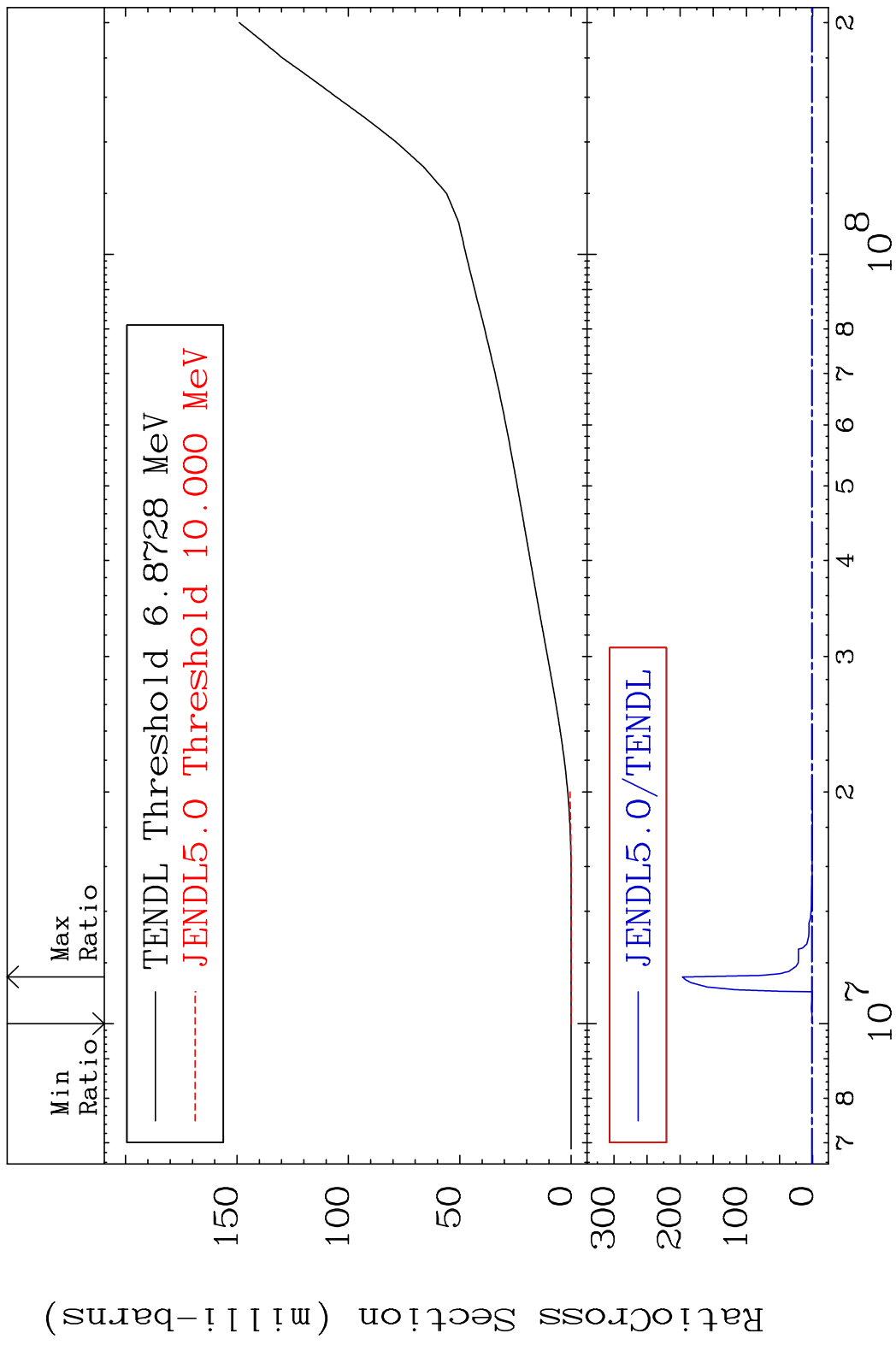


42

Incident Energy (eV)

68-Er-162

MAT 6825 Tritium Production 68-Er-162
 Cross Section -100.0 To 9999. %

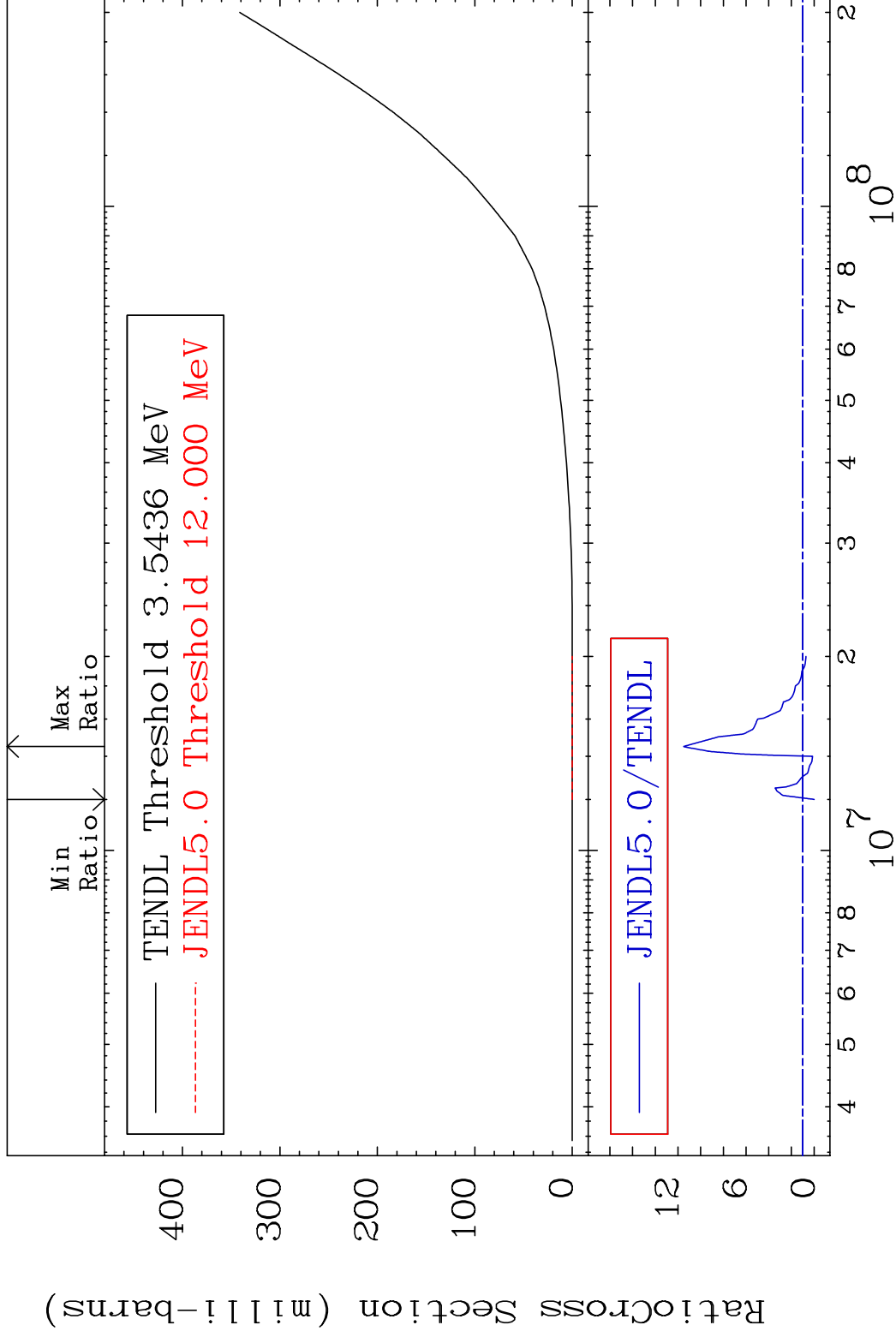


MAT 6825

He-3 Production

68-Er-162

Cross Section -100.0 To 1050. %



44

Incident Energy (eV)

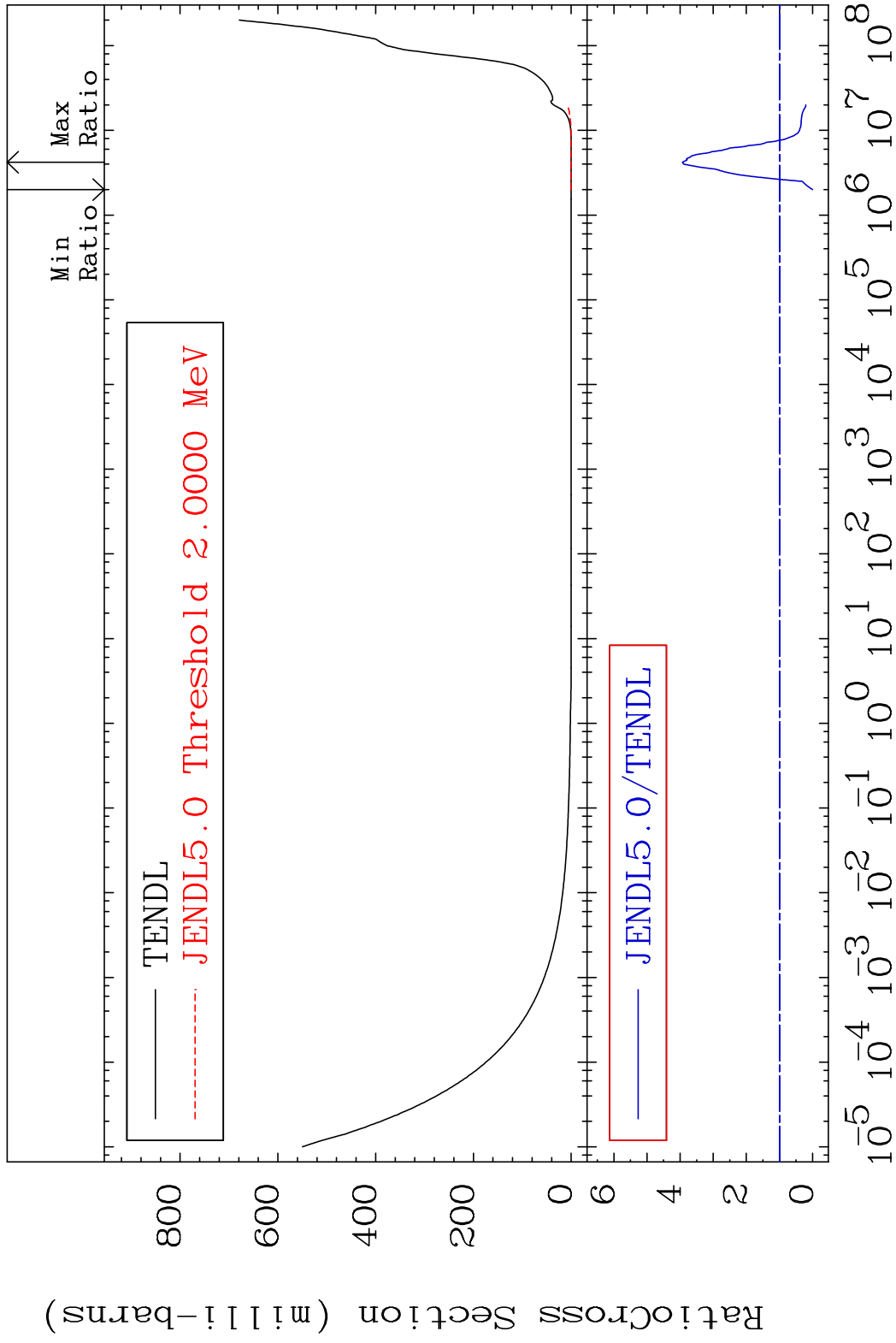
68-Er-162

MAT 6825

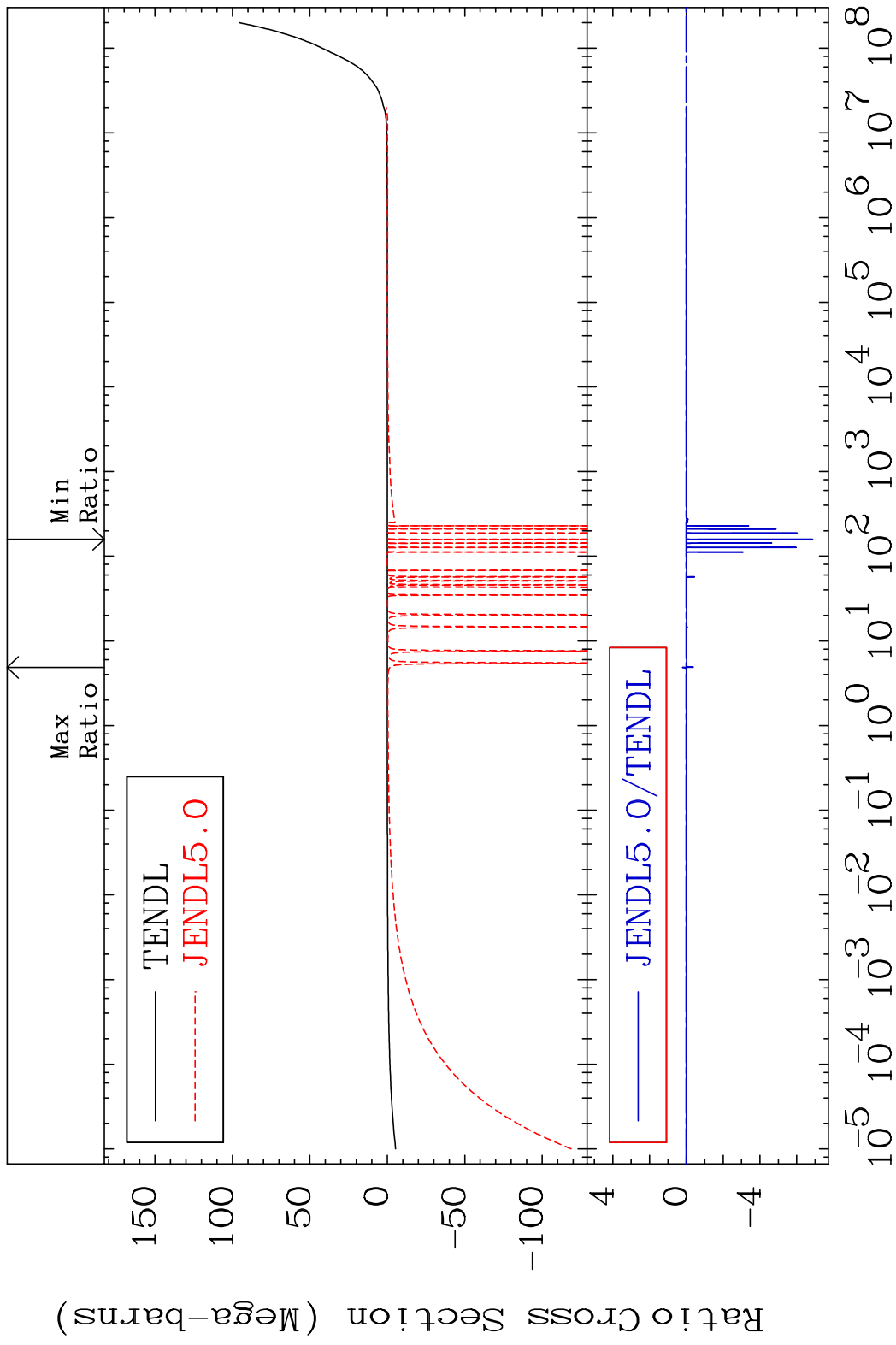
He-4 Production

68-Er-162

Cross Section -100.0 To 293.2 %



MAT 6825 Kerma total (eV-barns) 68-Er-162
Cross Section -9999. To 9999. %

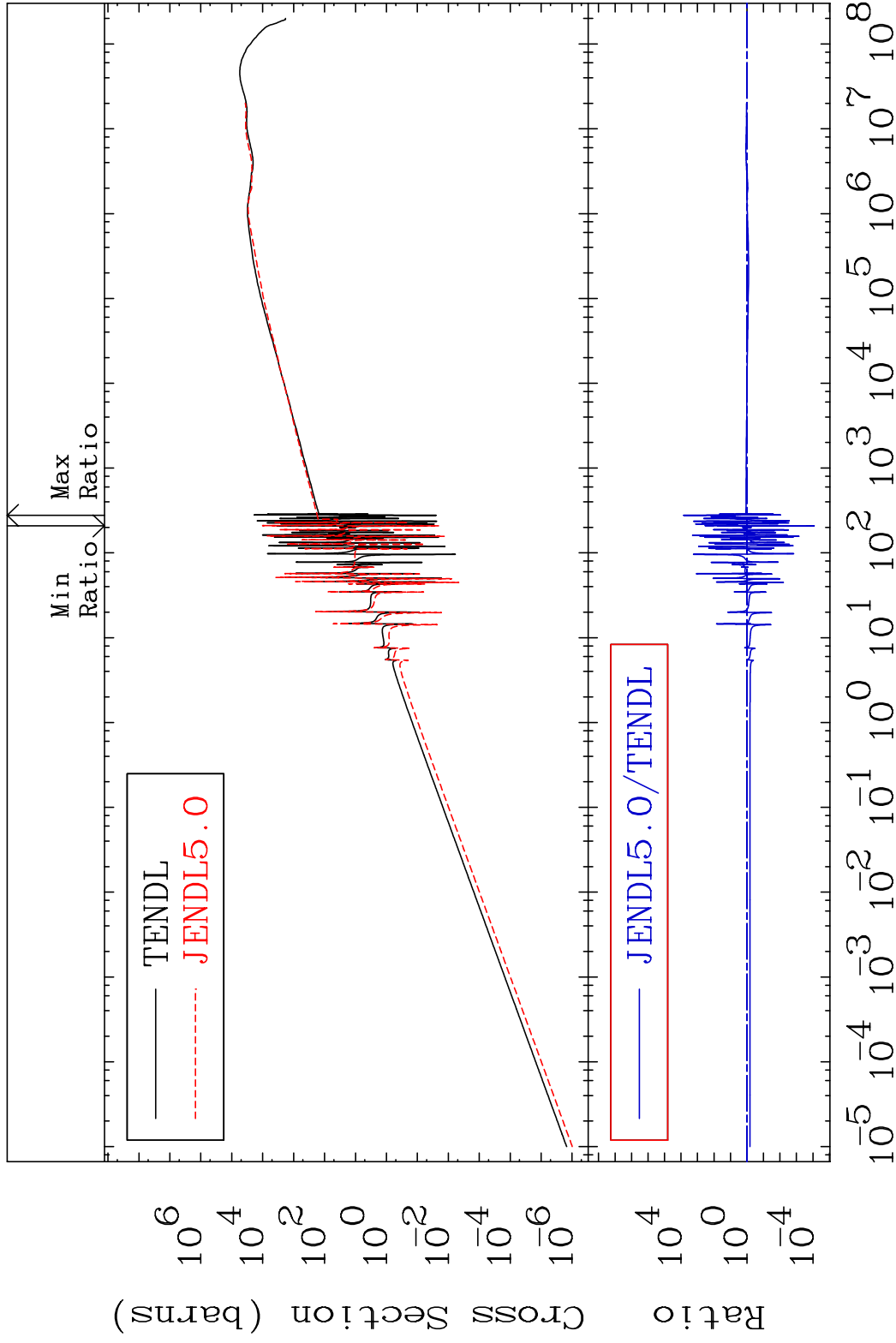


MAT 6825

Kerma elastic

68-Er-162

Cross Section -99.99 To 9999. %

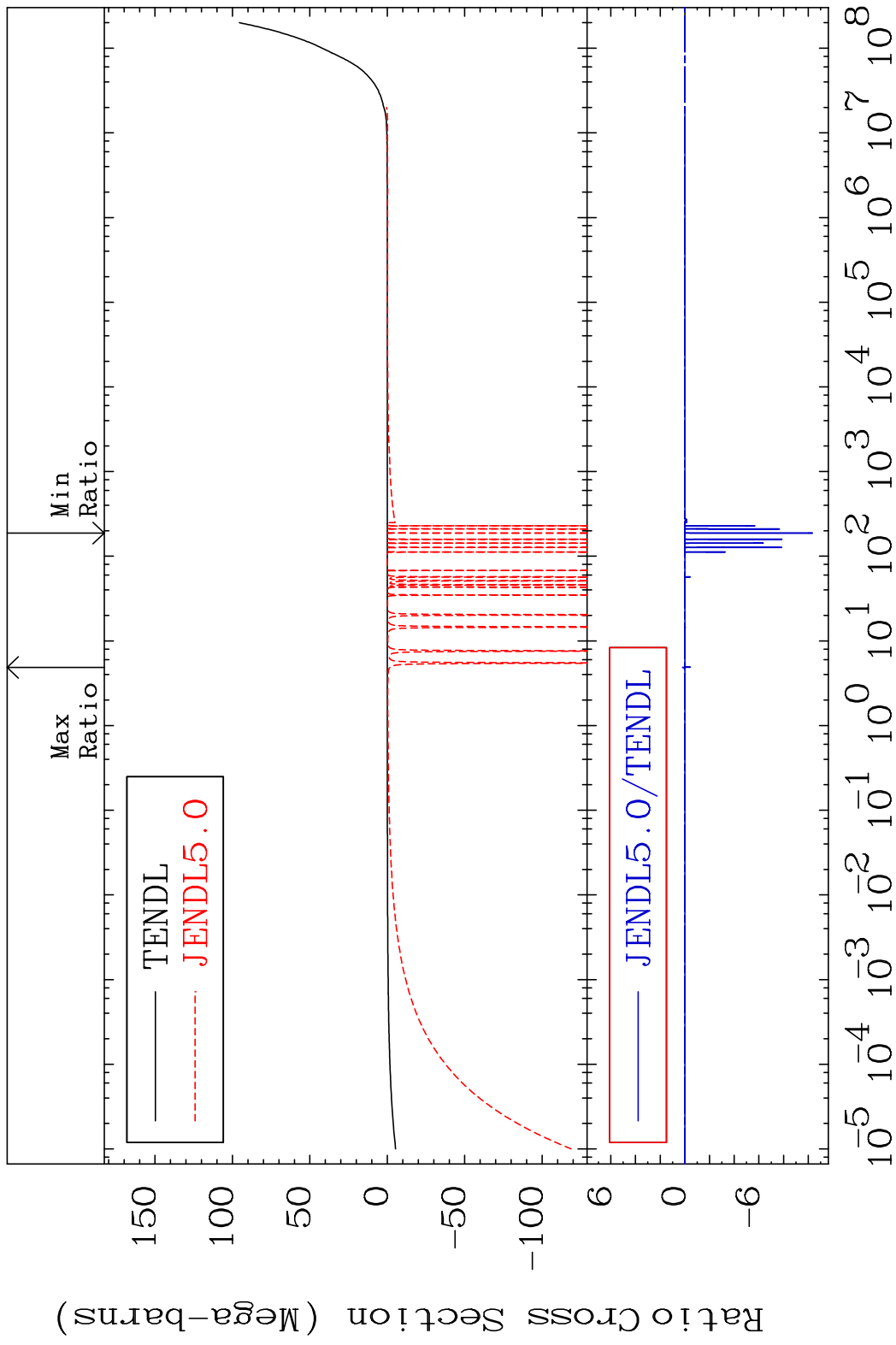


47

Incident Energy (eV)

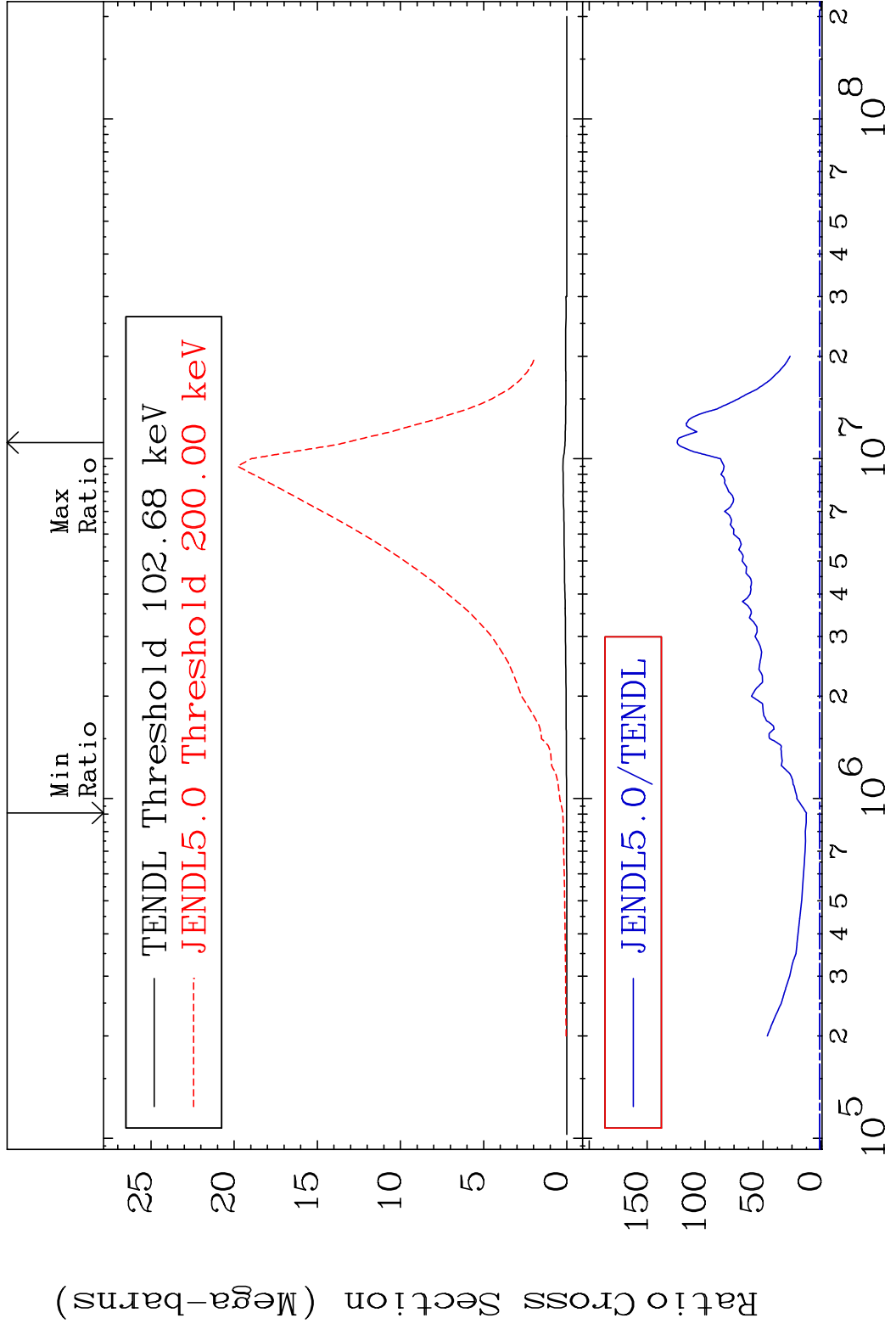
68-Er-162

MAT 6825 Kerma non-elastic (all but mt2) 68-Er-162
 Cross Section -9999. To 9999. %



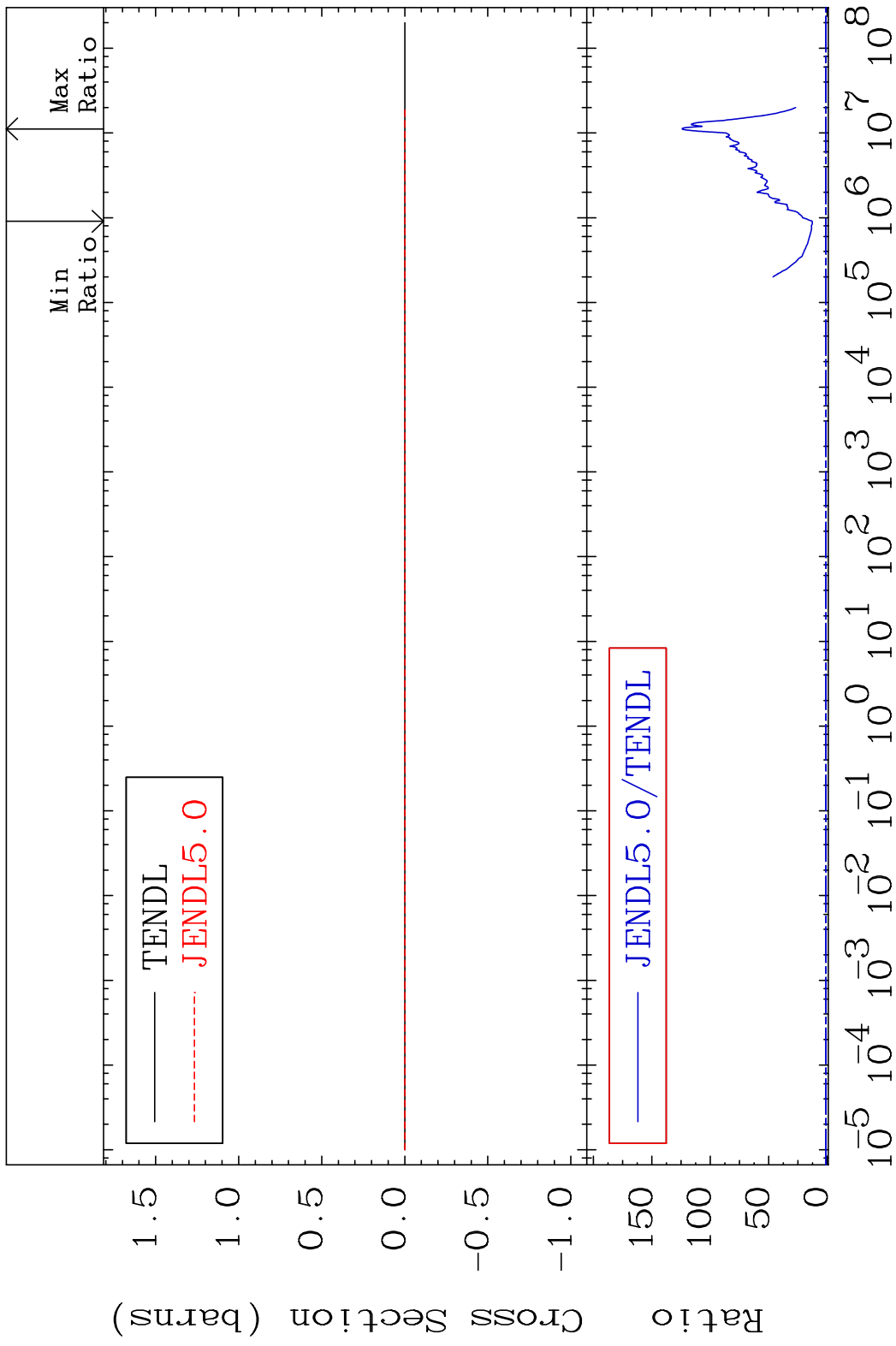
48 Incident Energy (eV) 68-Er-162

MAT 6825 Kerma inelastic (mt51-91) 68-Er-162
Cross Section 1148. To 9999. %



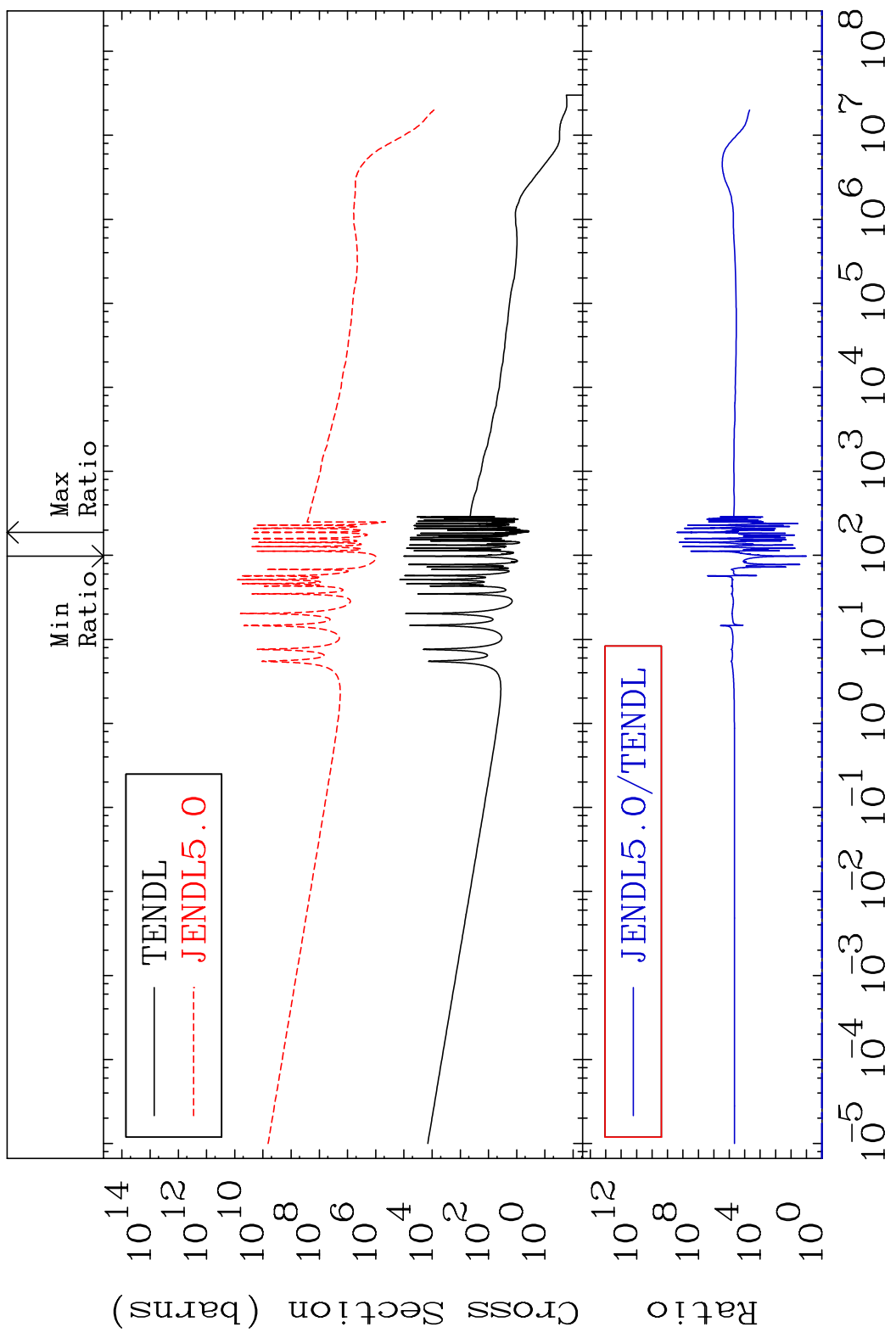
49 Incident Energy (eV) 68-Er-162

MAT 6825 Kerma fission (mt18 or mt19-20-21-38) 68-Er-162
 Cross Section 1148. To 9999. %

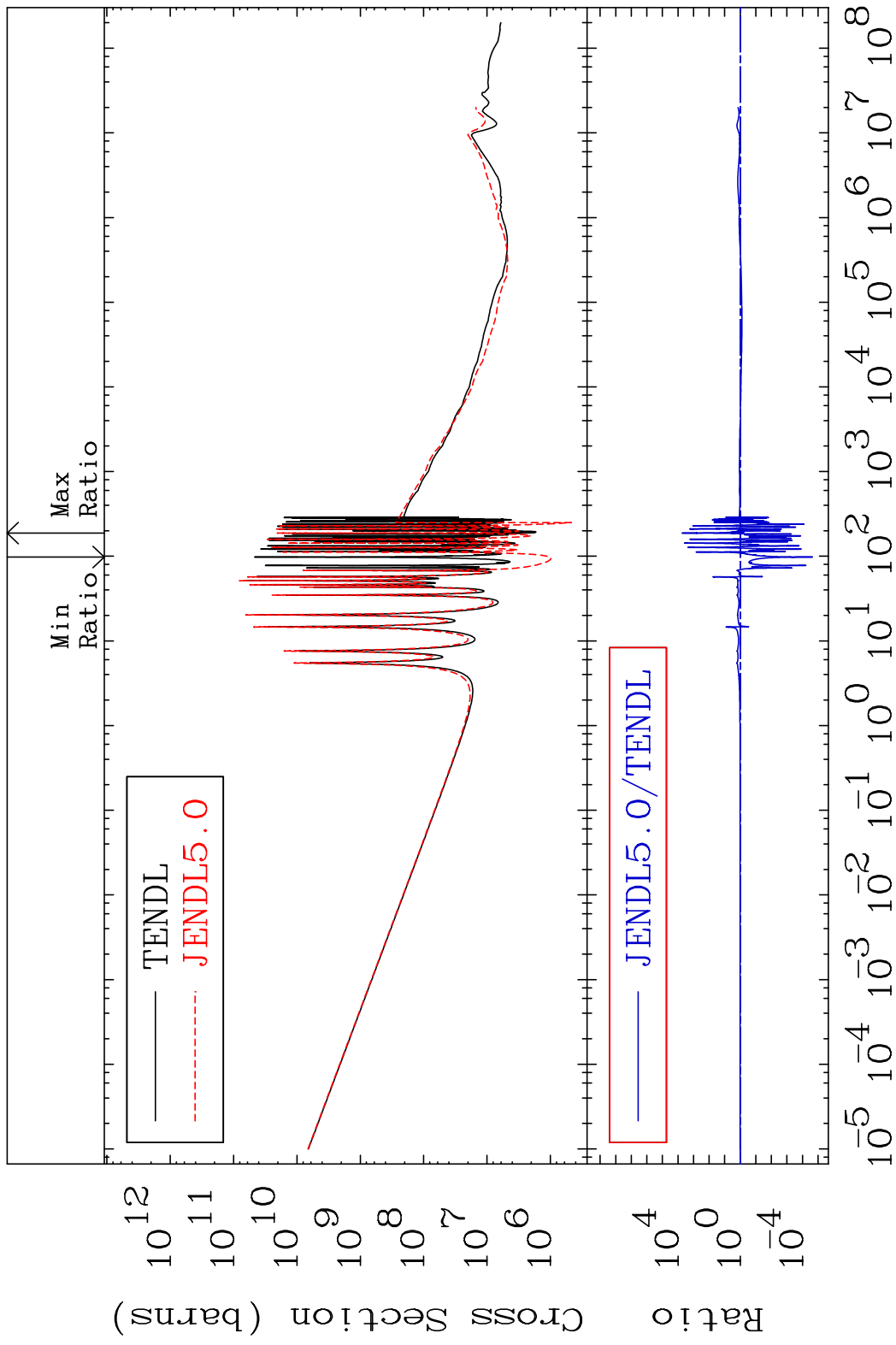


MAT 6825

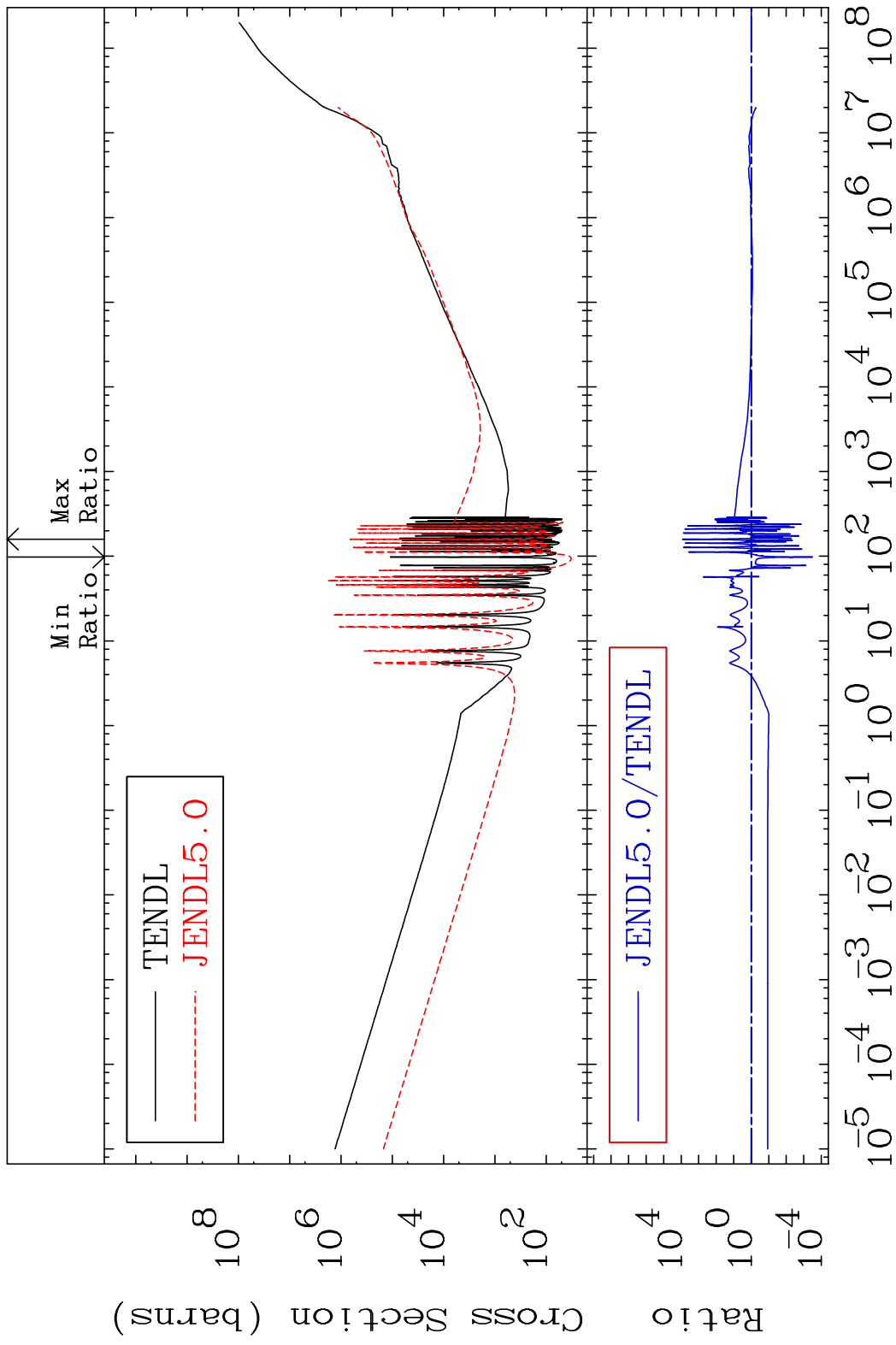
Kerma capture (mt102) 68-Er-162
Cross Section 914.2 To 9999. %



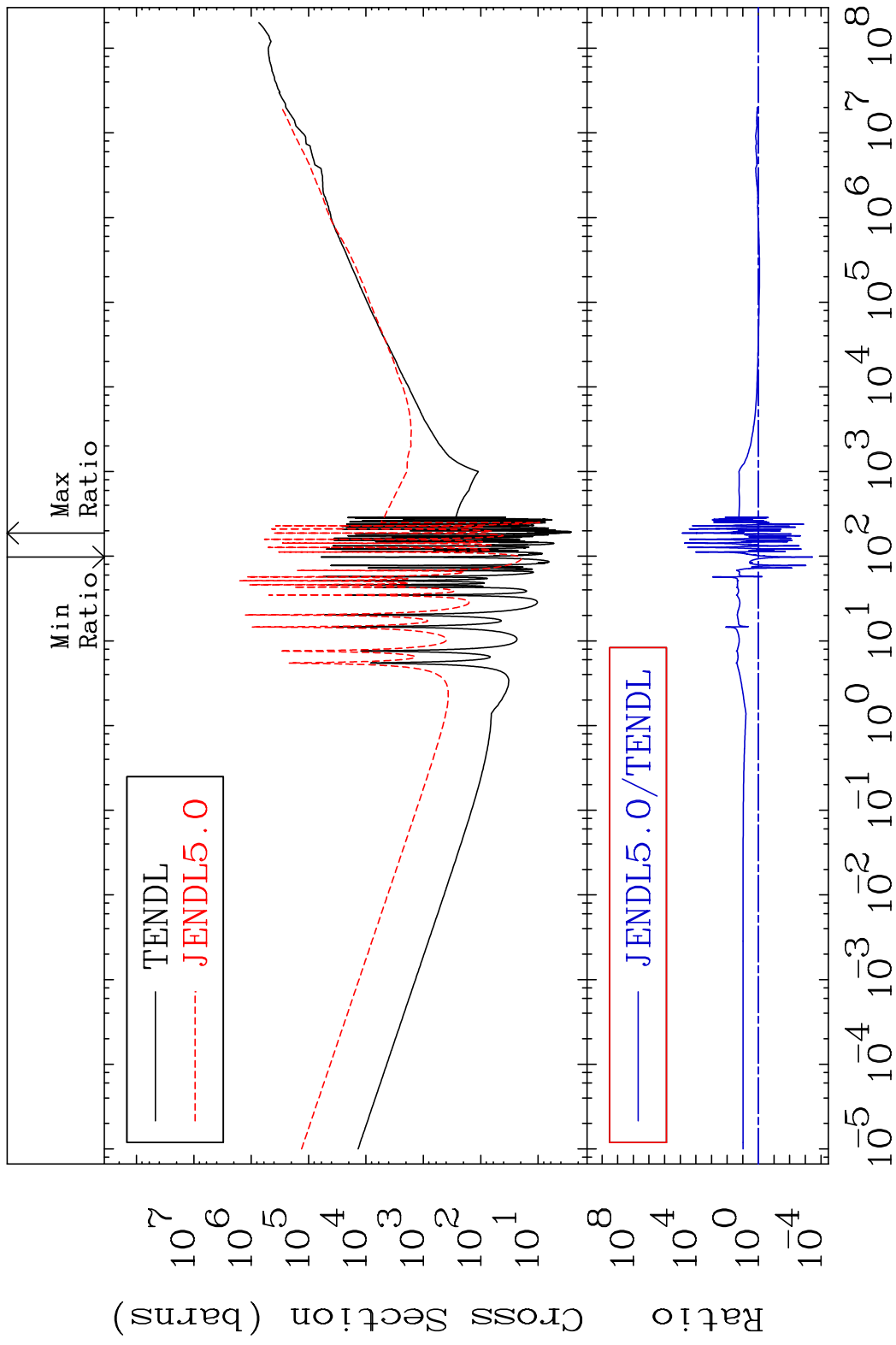
MAT 6825 Total photon (eV-barns) 68-Er-162
 Cross Section -100.0 To 9999. %



MAT 6825 Total kinematic kerma (high limit) 68-Er-162
Cross Section -99.97 To 9999. %



MAT 6825 Dpa total (eV-barns) 68-Er-162
 Cross Section -99.97 To 9999. %



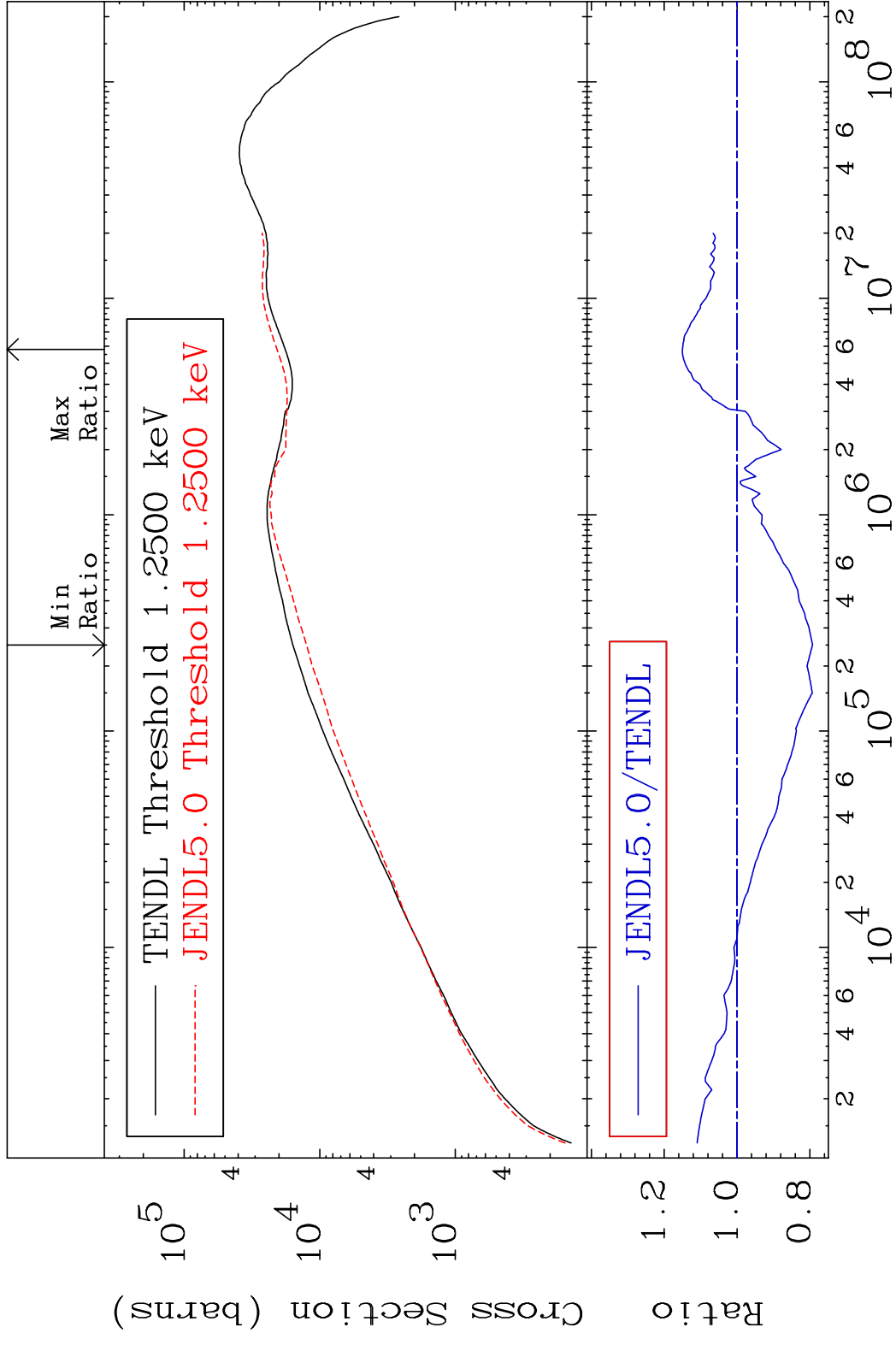
54 Incident Energy (eV) 68-Er-162

MAT 6825

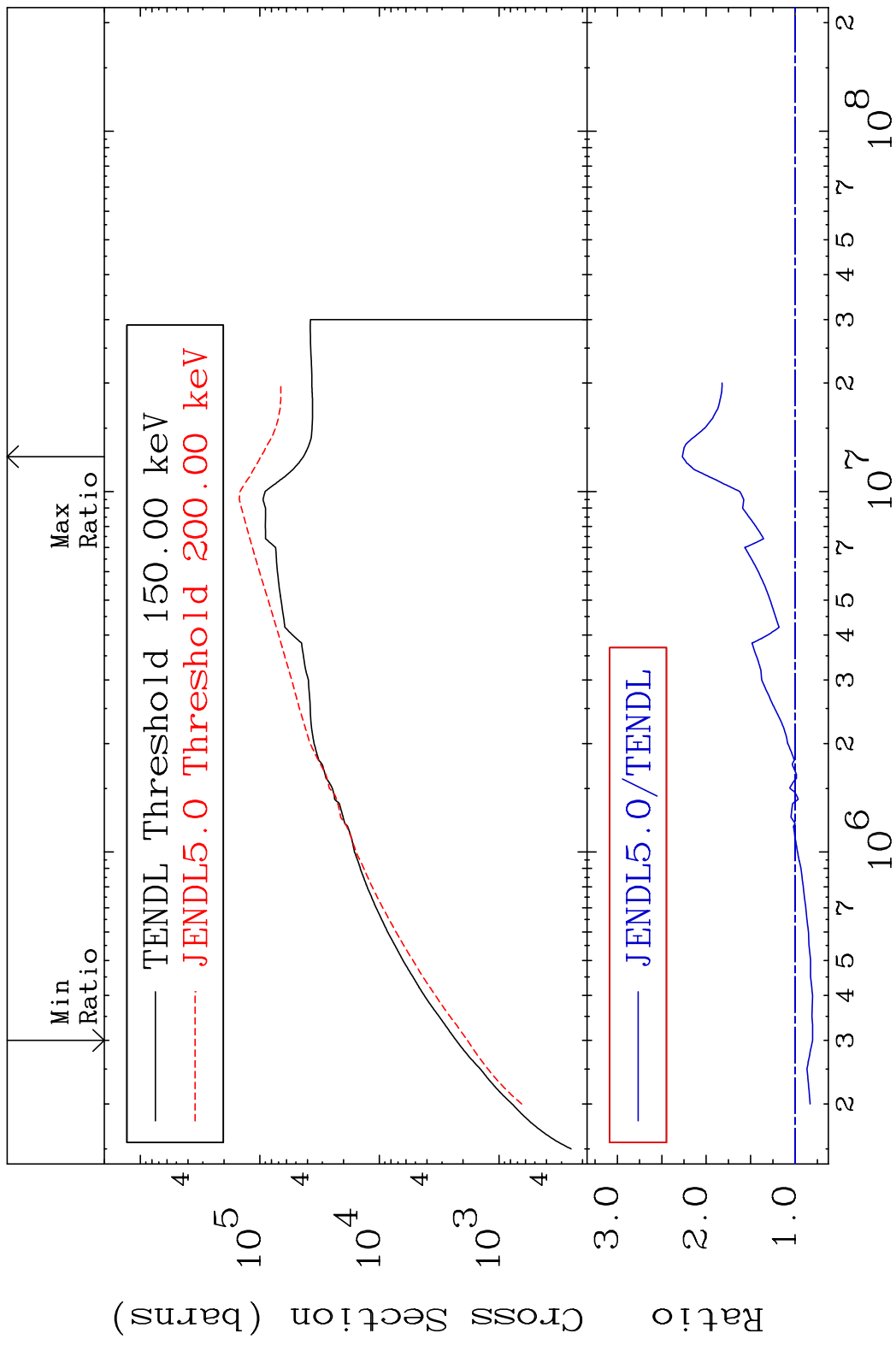
Dpa elastic (mt2)

68-Er-162

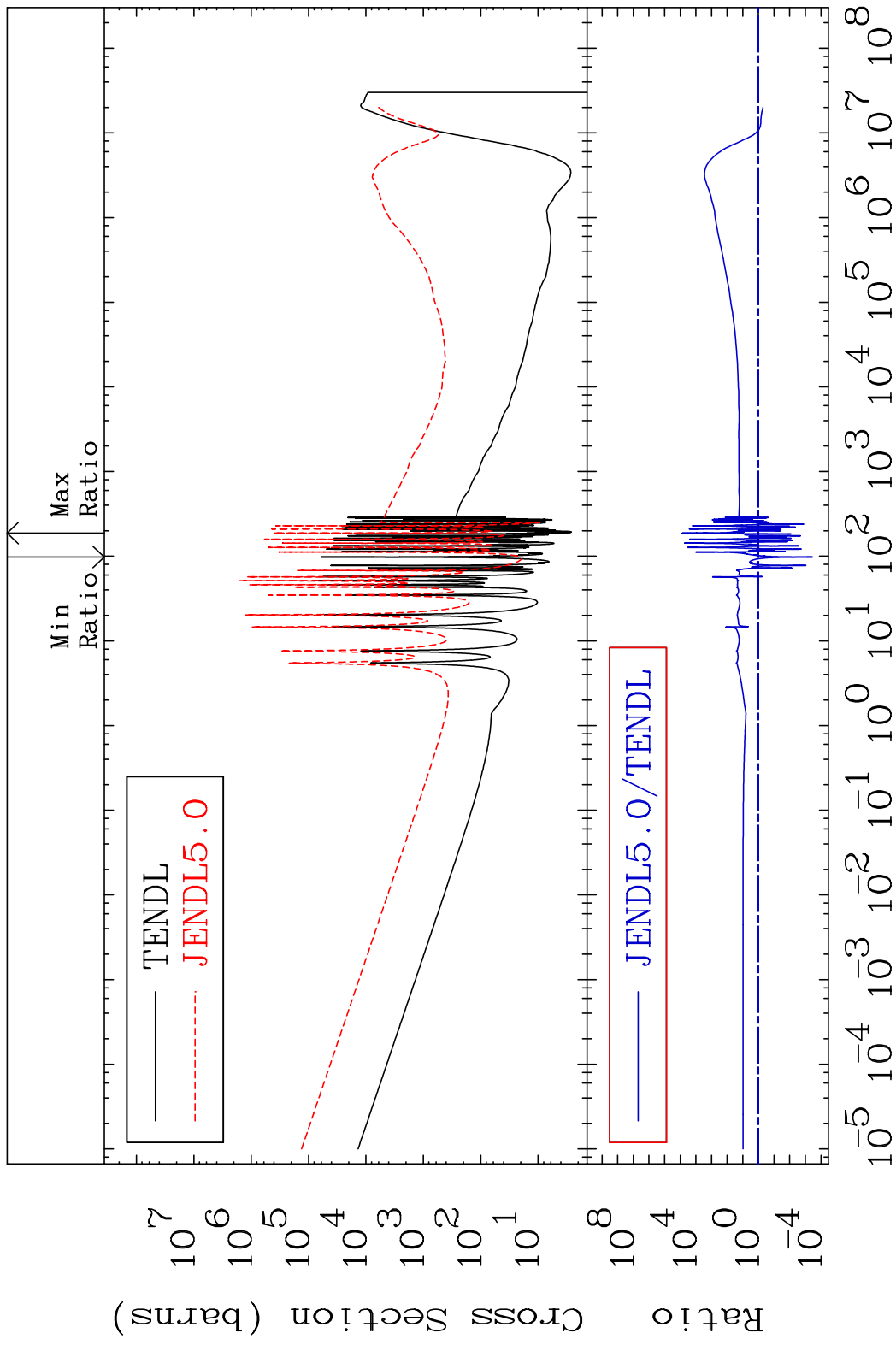
Cross Section -20.75 To 15.01 %

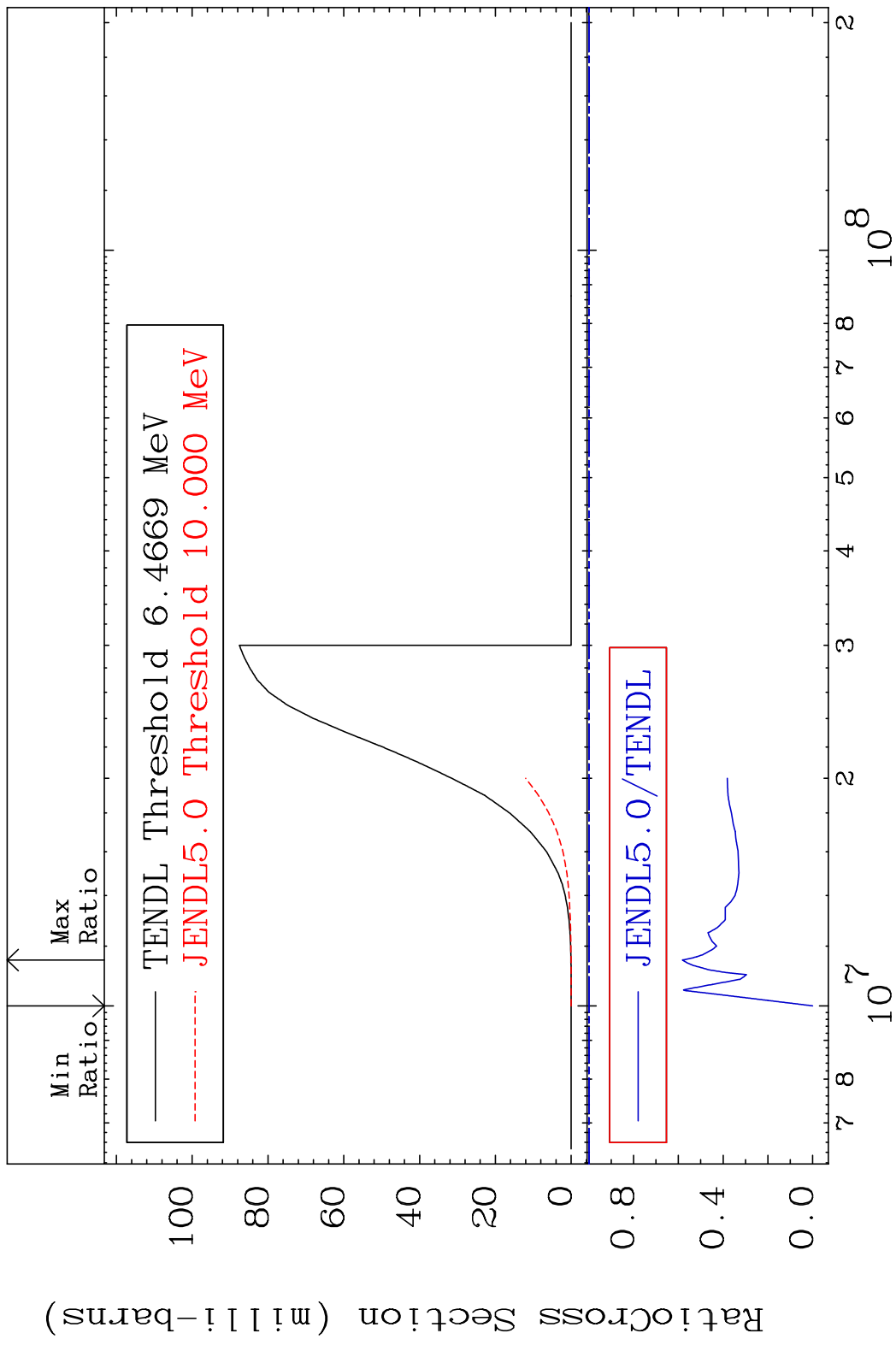


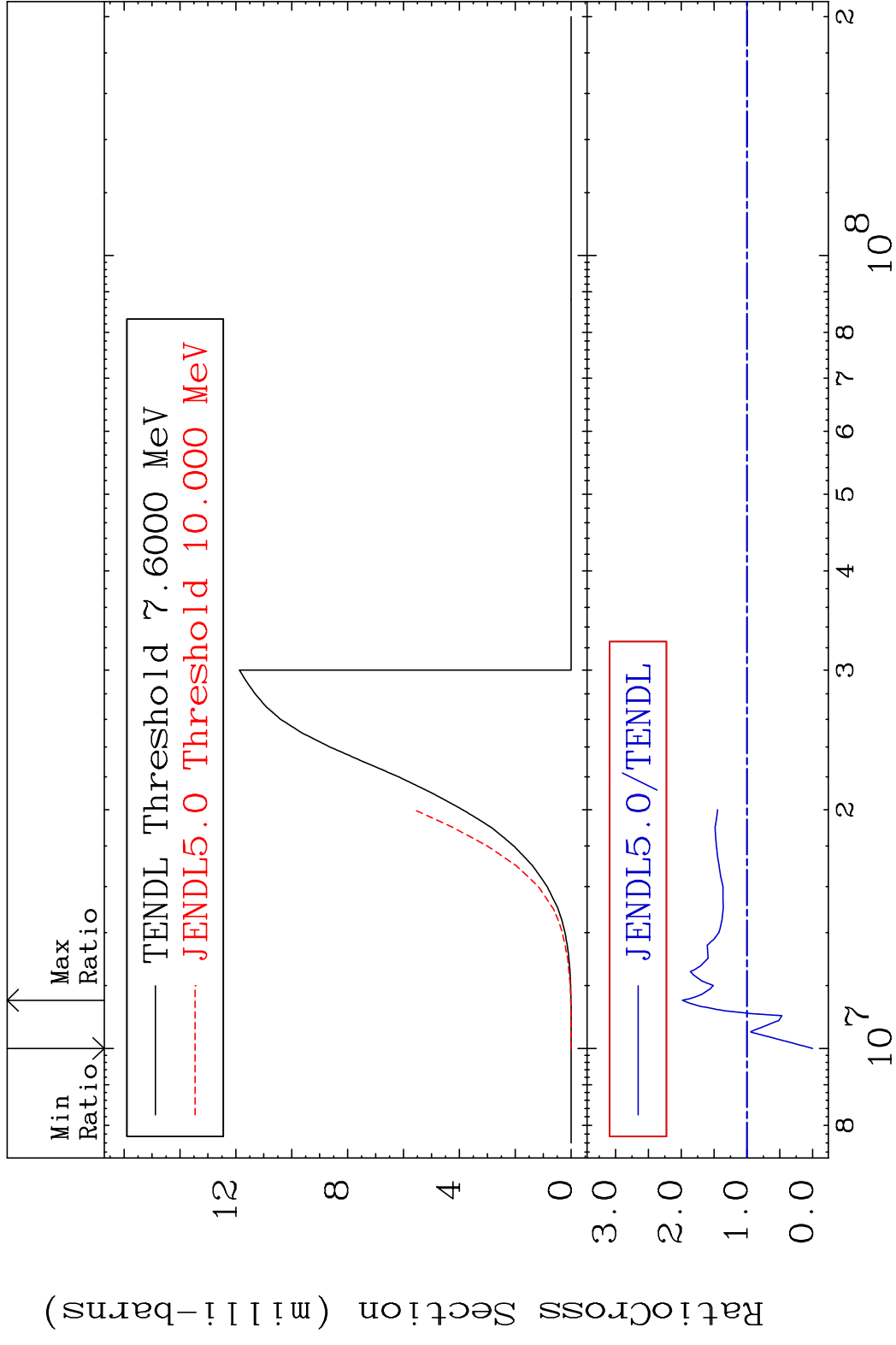
MAT 6825 Dpa inelastic (mt51-91) 68-Er-162
 Cross Section -19.63 To 126.8 %



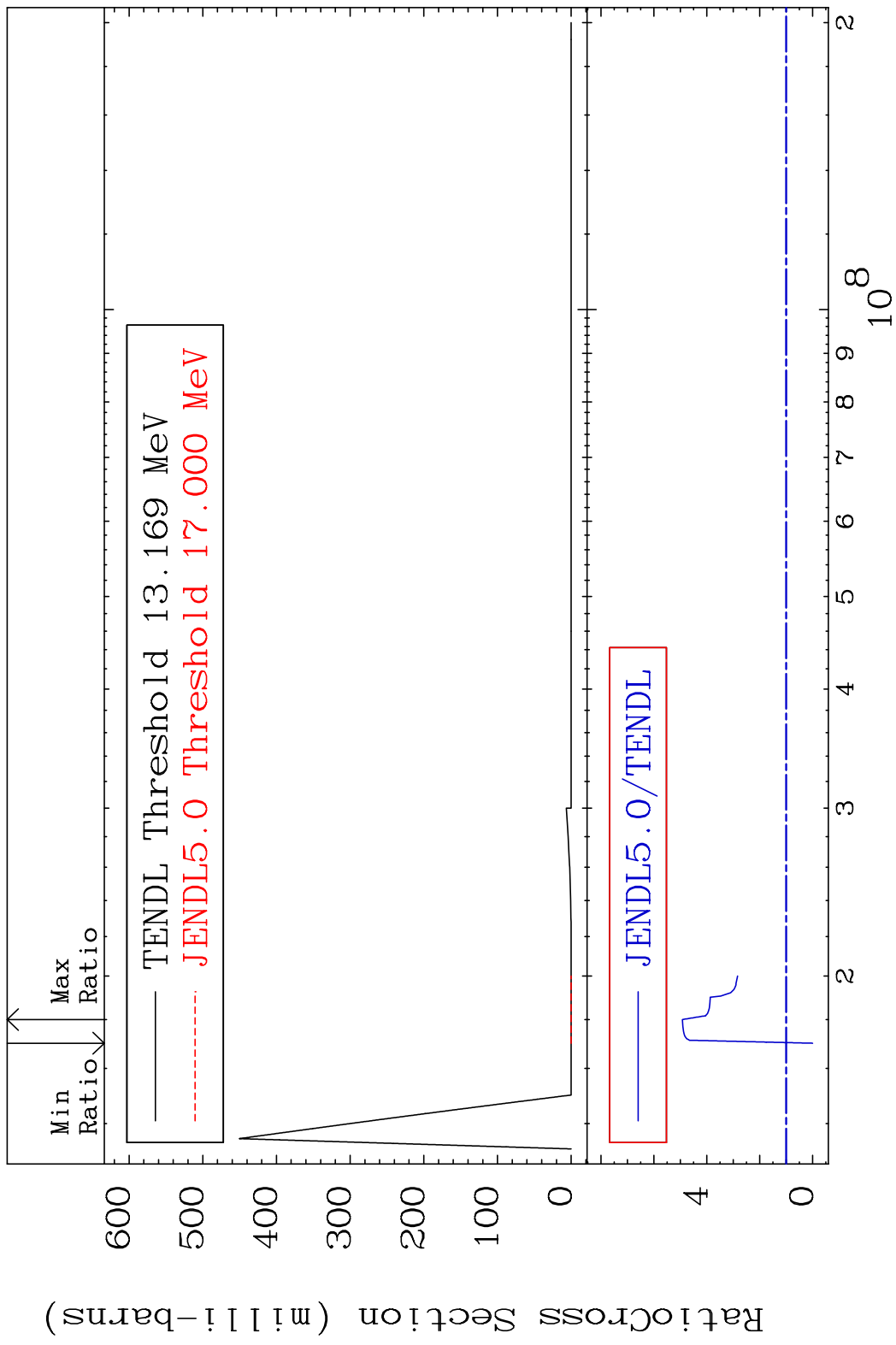
MAT 6825 Dpa disappearance (mt102 -120) 68-Er-162
 Cross Section -99.97 To 9999. %

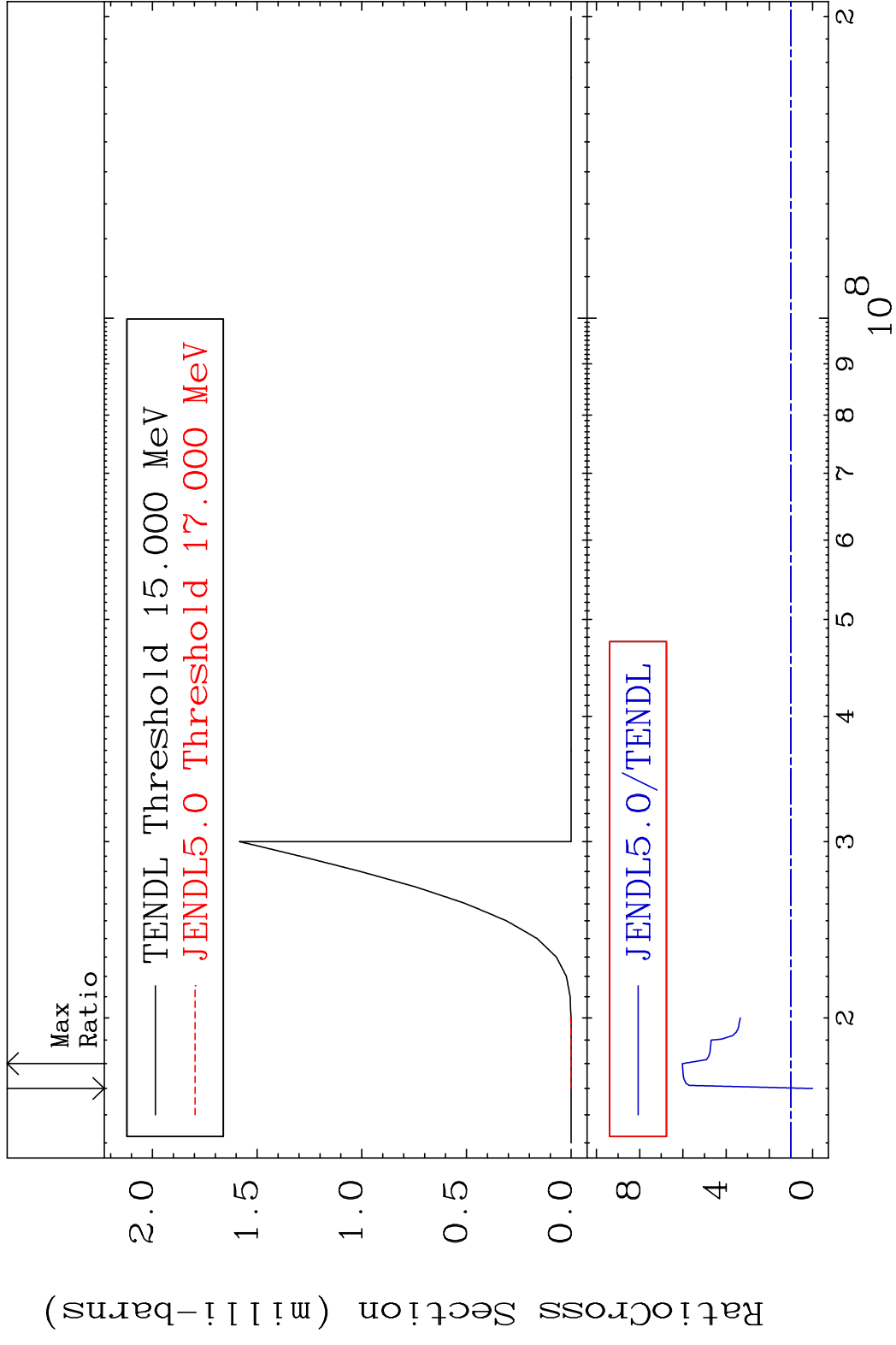


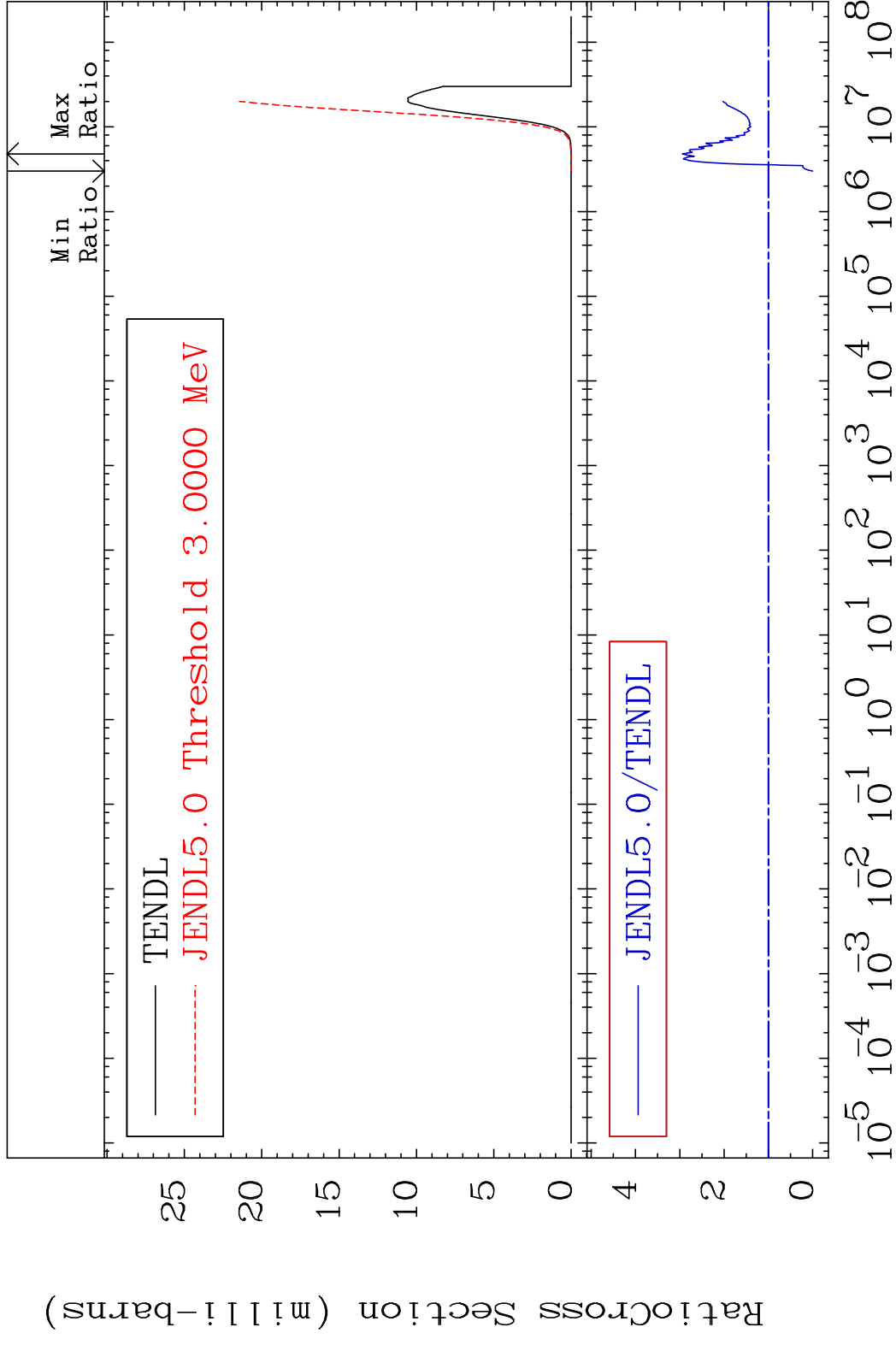


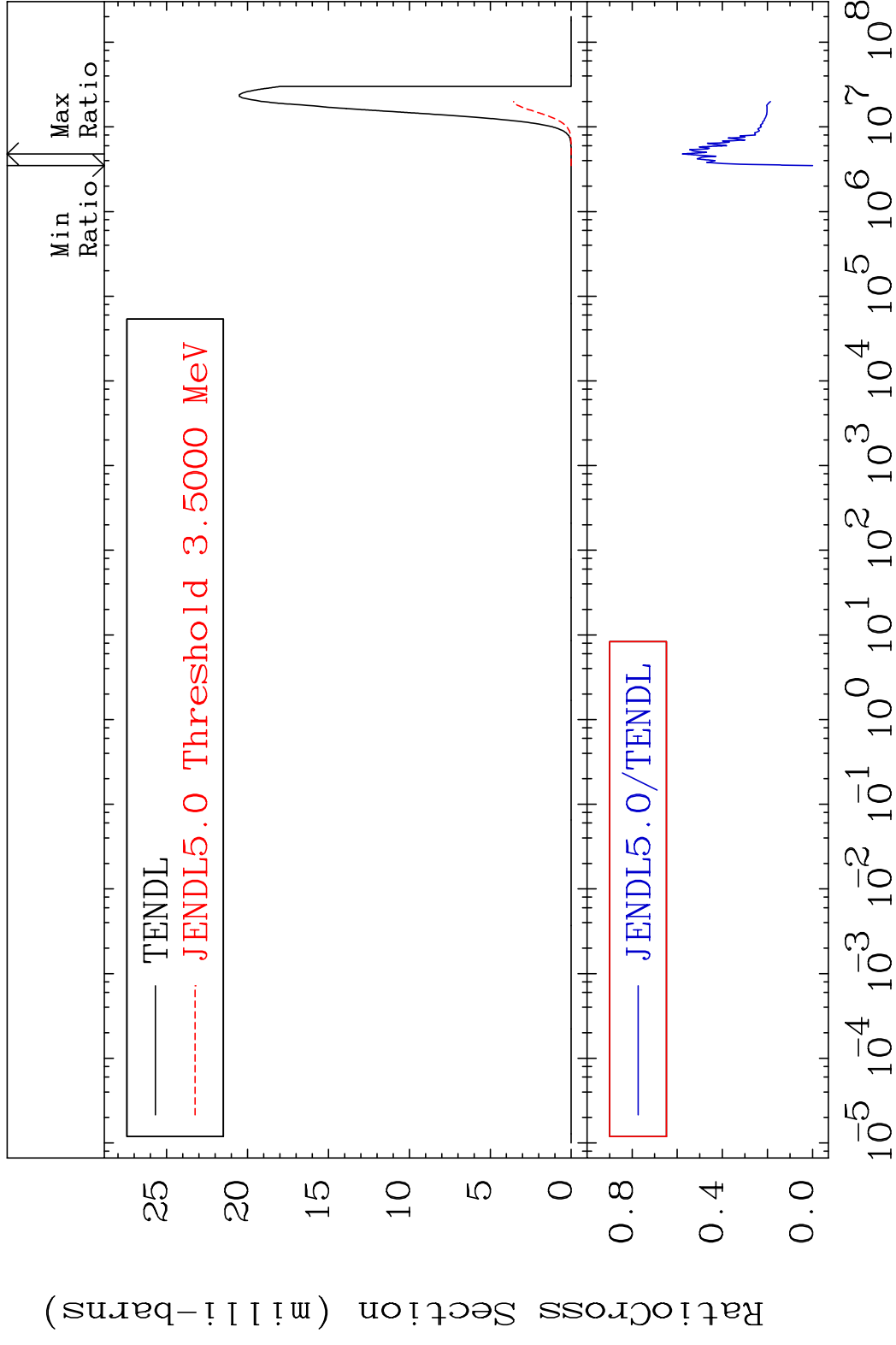


MAT 6825 (n, n') d:67-Ho-160g 68-Er-162
 Radionuclide Production Cross Section 180.0 dth 392.3 %









MAT 6825 (n, d):67-Ho-161g 68-Er-162
 Radionuclide Production Cross Section 180.0 dth 312.0 %

