

Program Complot
(Version 2021-1)

by

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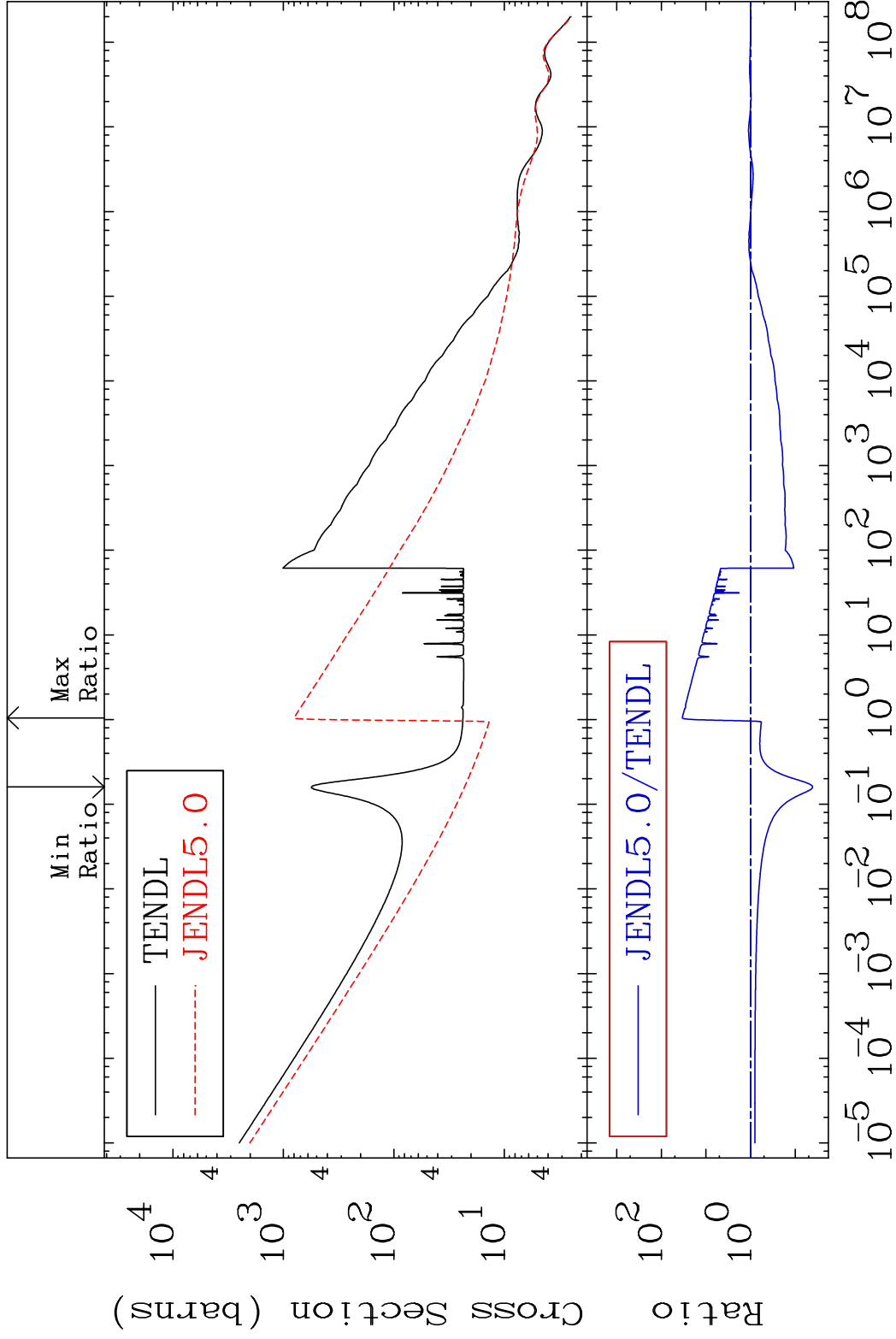
Press Mouse Button to Start

MAT 6719

Total

67-Ho-163

Cross Section -95.90 To 3284. %



1

Incident Energy (eV)

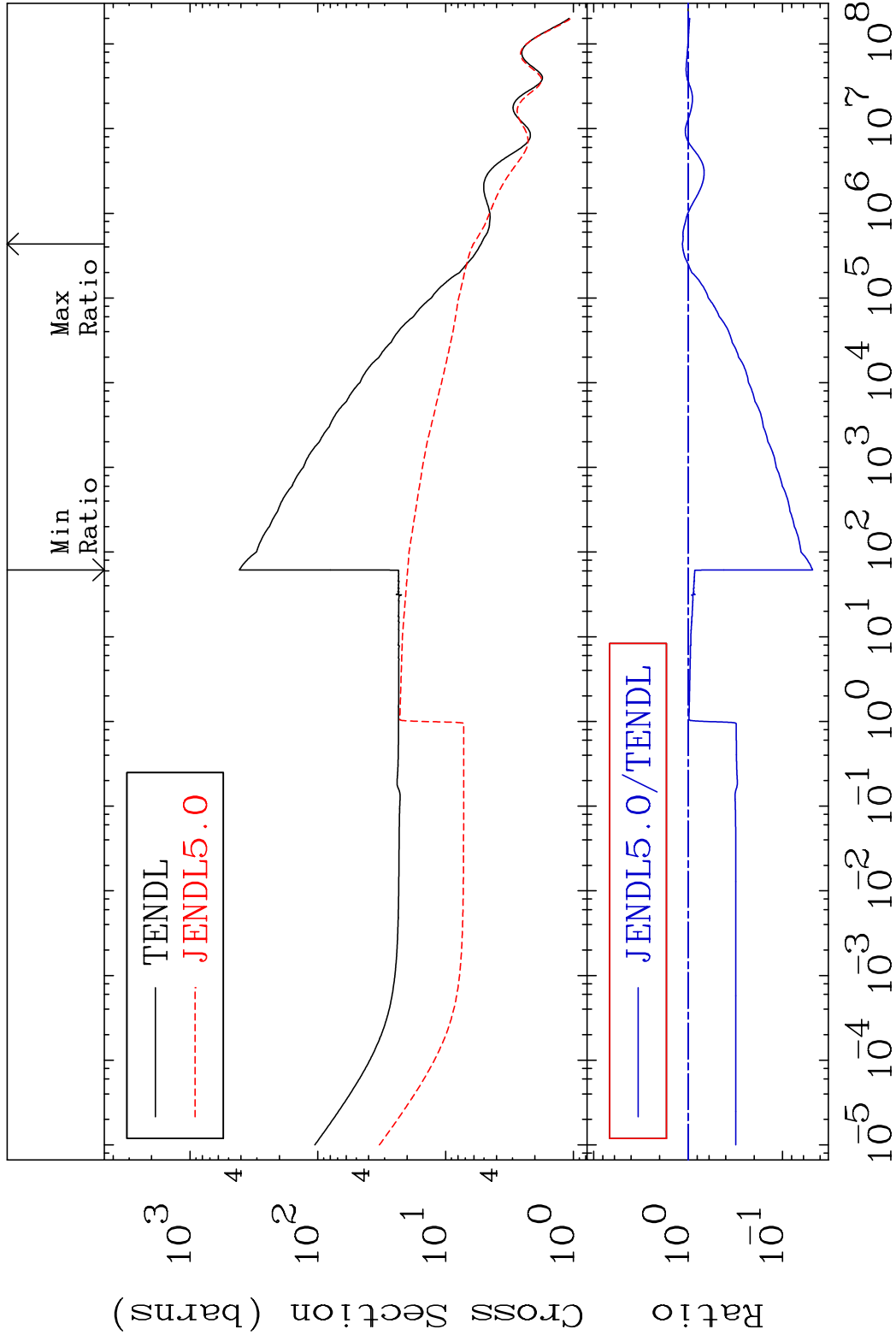
67-Ho-163

MAT 6719

Elastic

67-Ho-163

Cross Section -95.19 To 14.94 %



2

Incident Energy (eV)

67-Ho-163

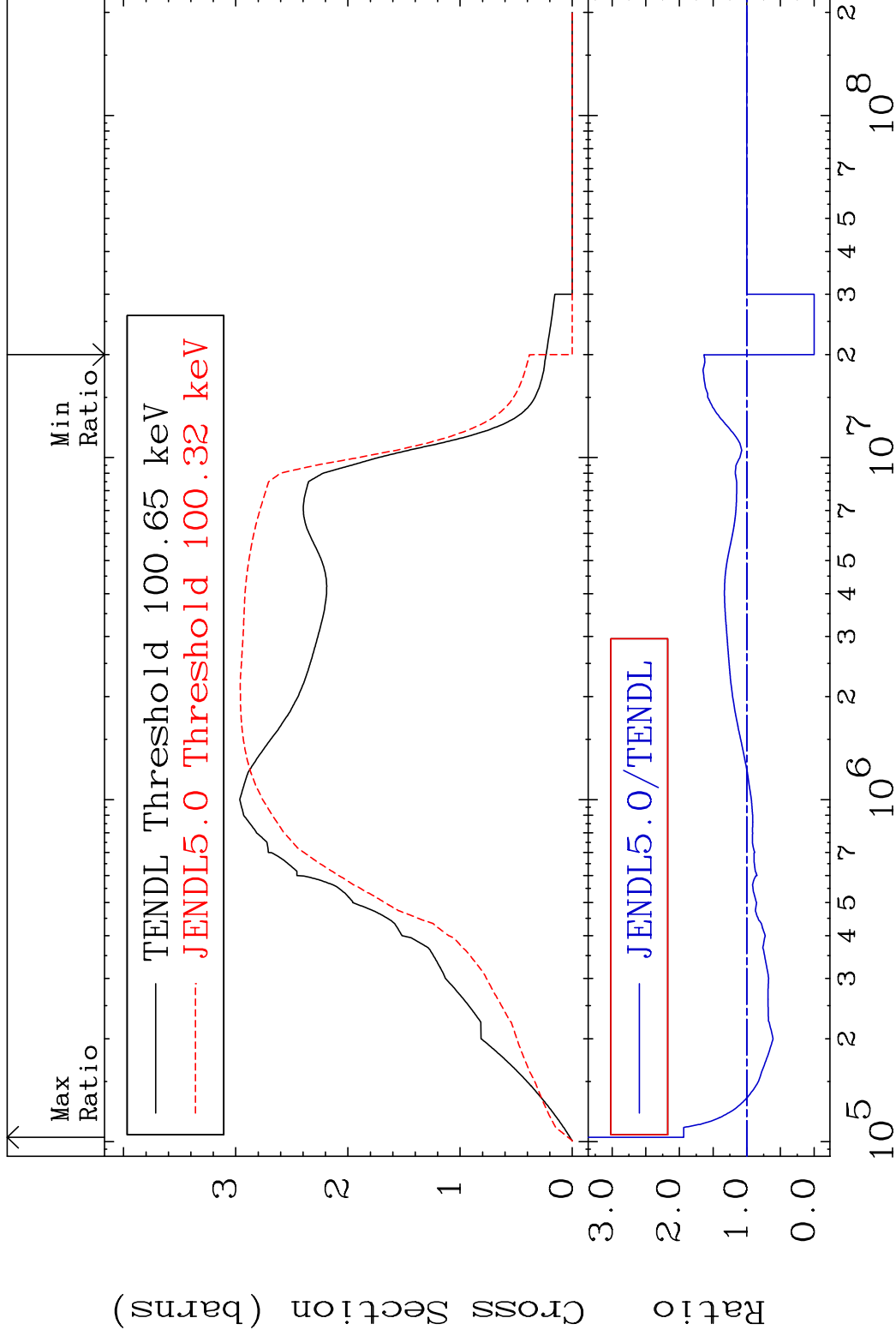
MAT 6719

Inelastic

67-Ho-163

Cross Section

-100.0 To 93.73 %

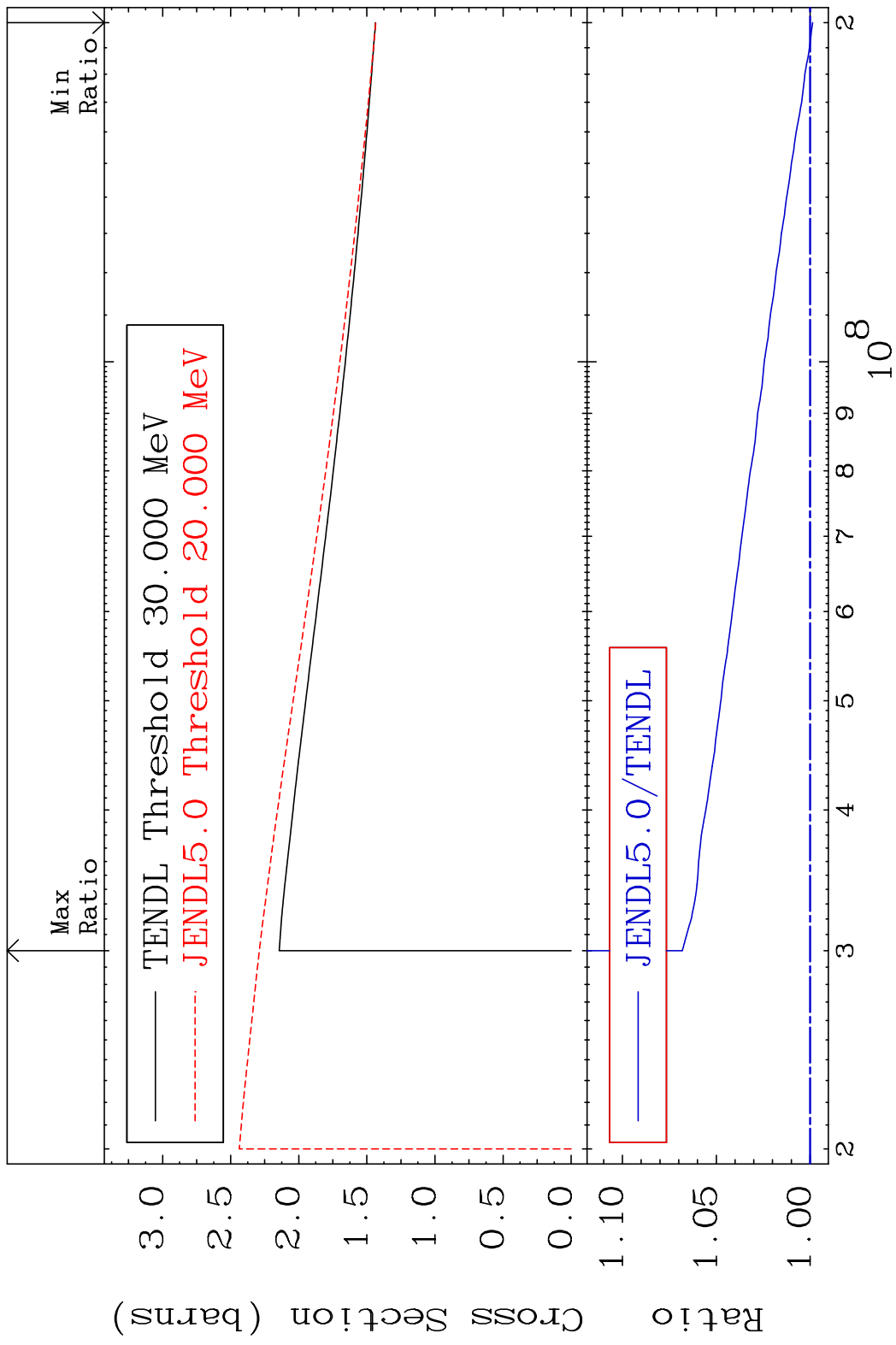


3

Incident Energy (eV)

67-Ho-163

MAT 6719 (n, remainder) 67-Ho-163
Cross Section -0.130 To 6.806 %

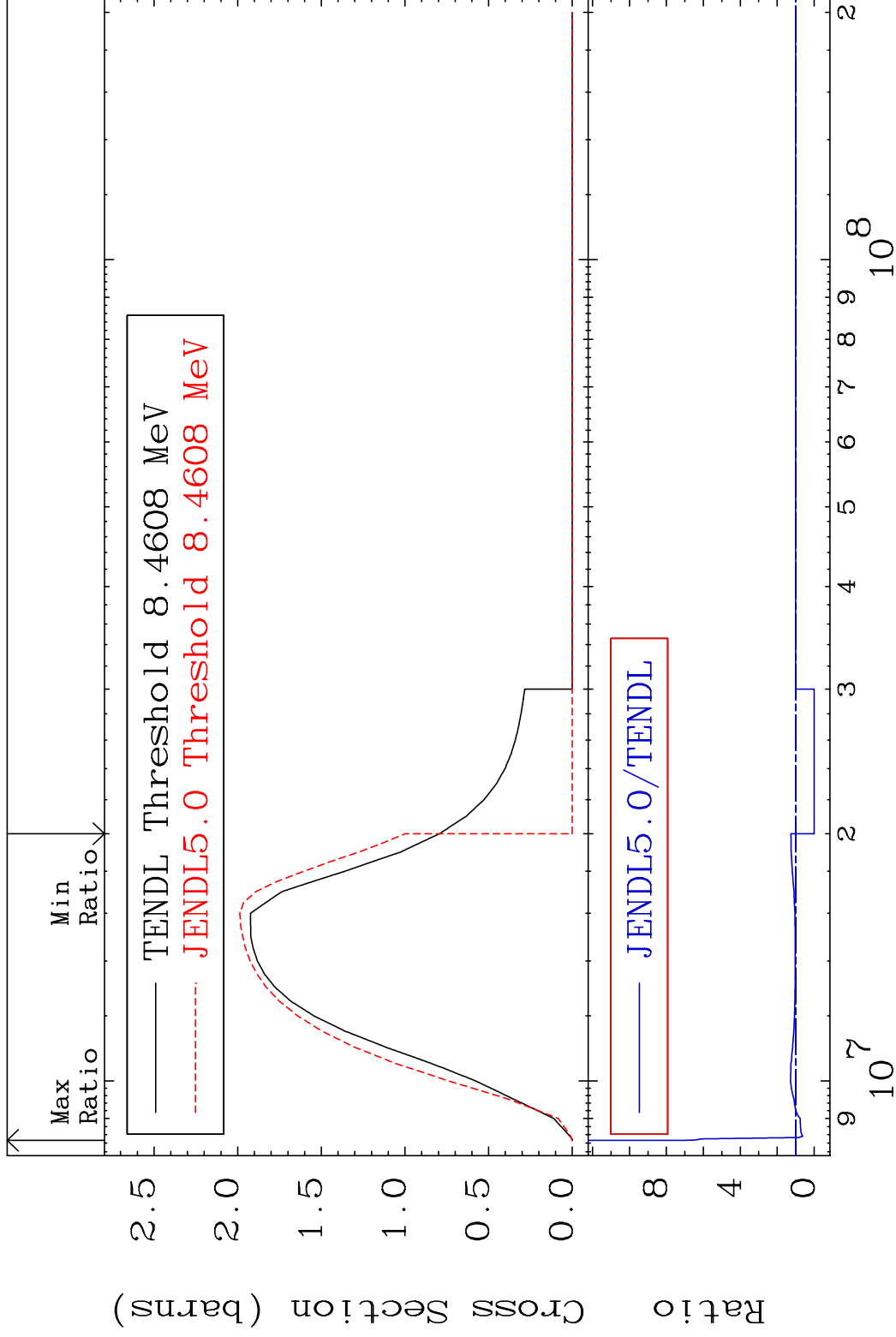


MAT 6719

(n,2n)

67-Ho-163

Cross Section -100.0 To 606.5 %



5

Incident Energy (eV)

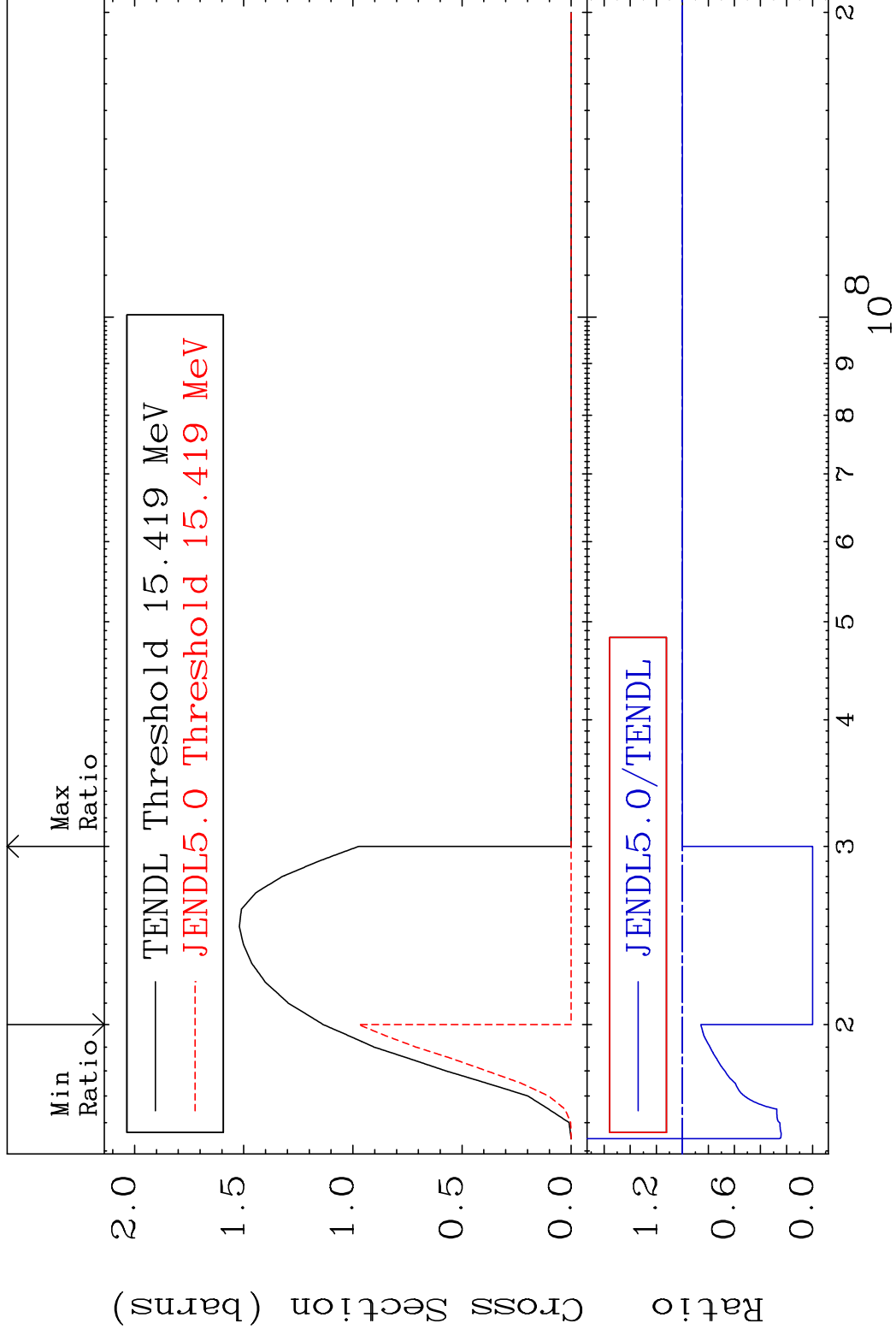
67-Ho-163

MAT 6719

(n,3n)

67-Ho-163

Cross Section -100.0 To 0.000 %

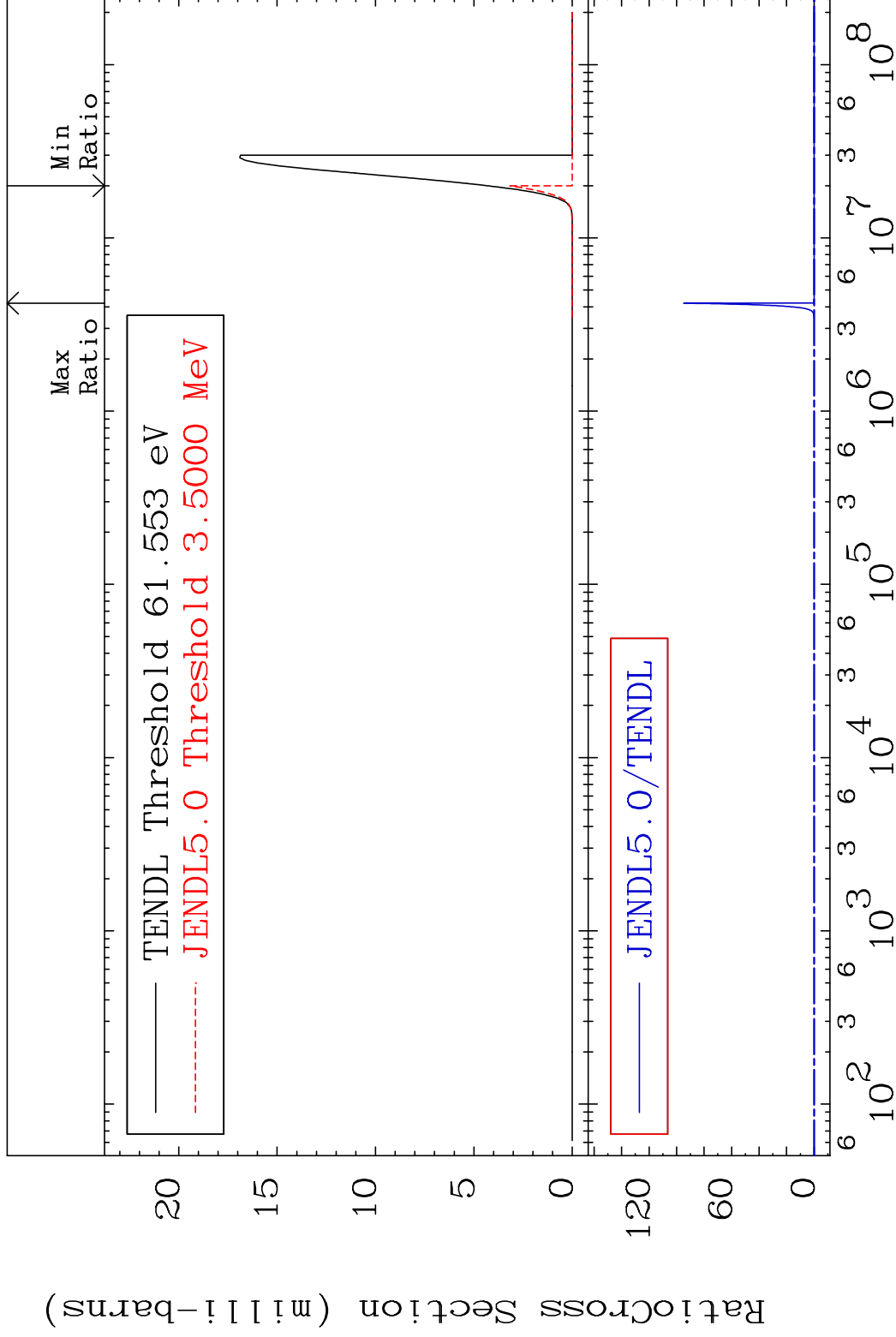


MAT 6719

(n, n') α

67-Ho-163

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

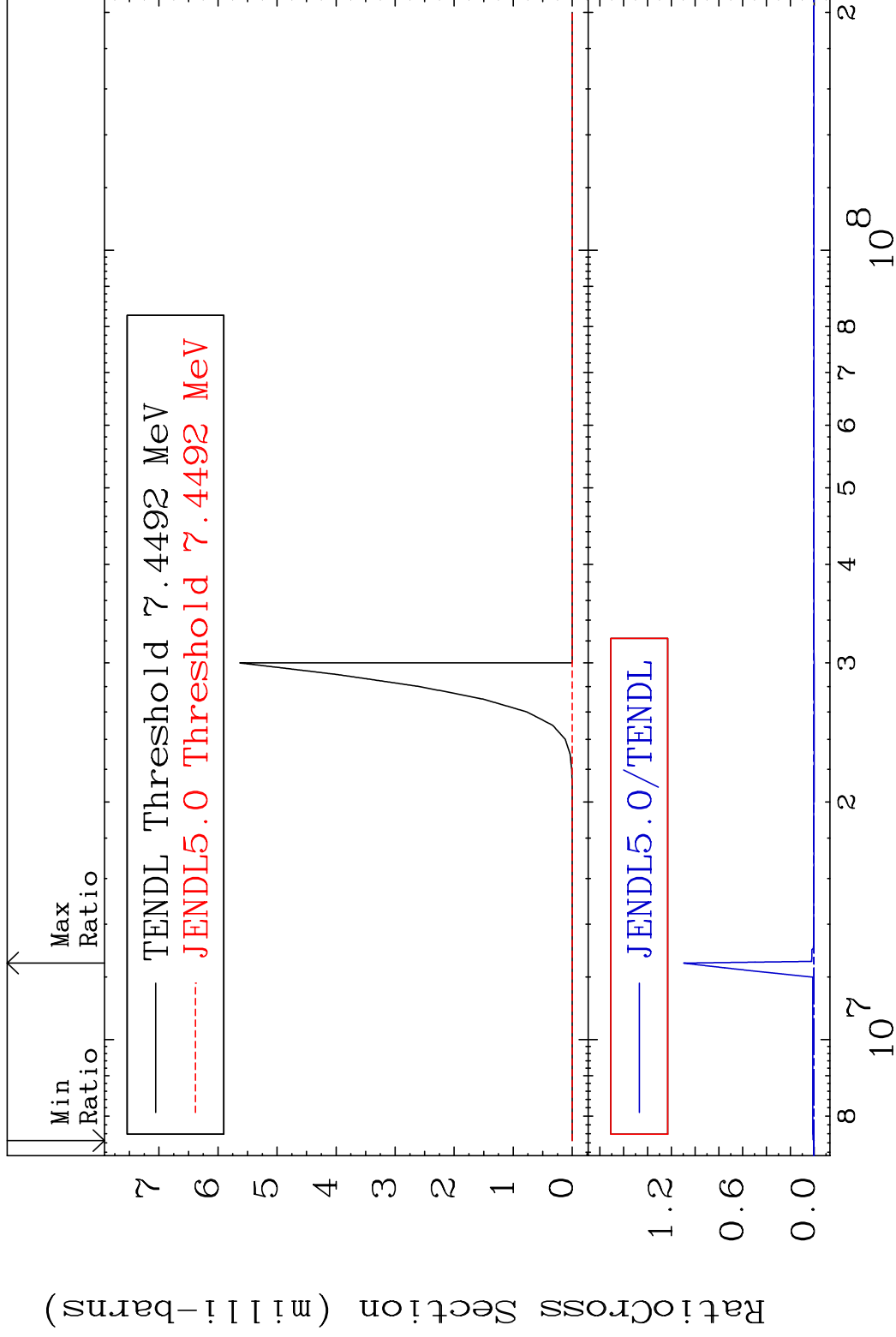
67-Ho-163

MAT 6719

(n,2n) α

67-Ho-163

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

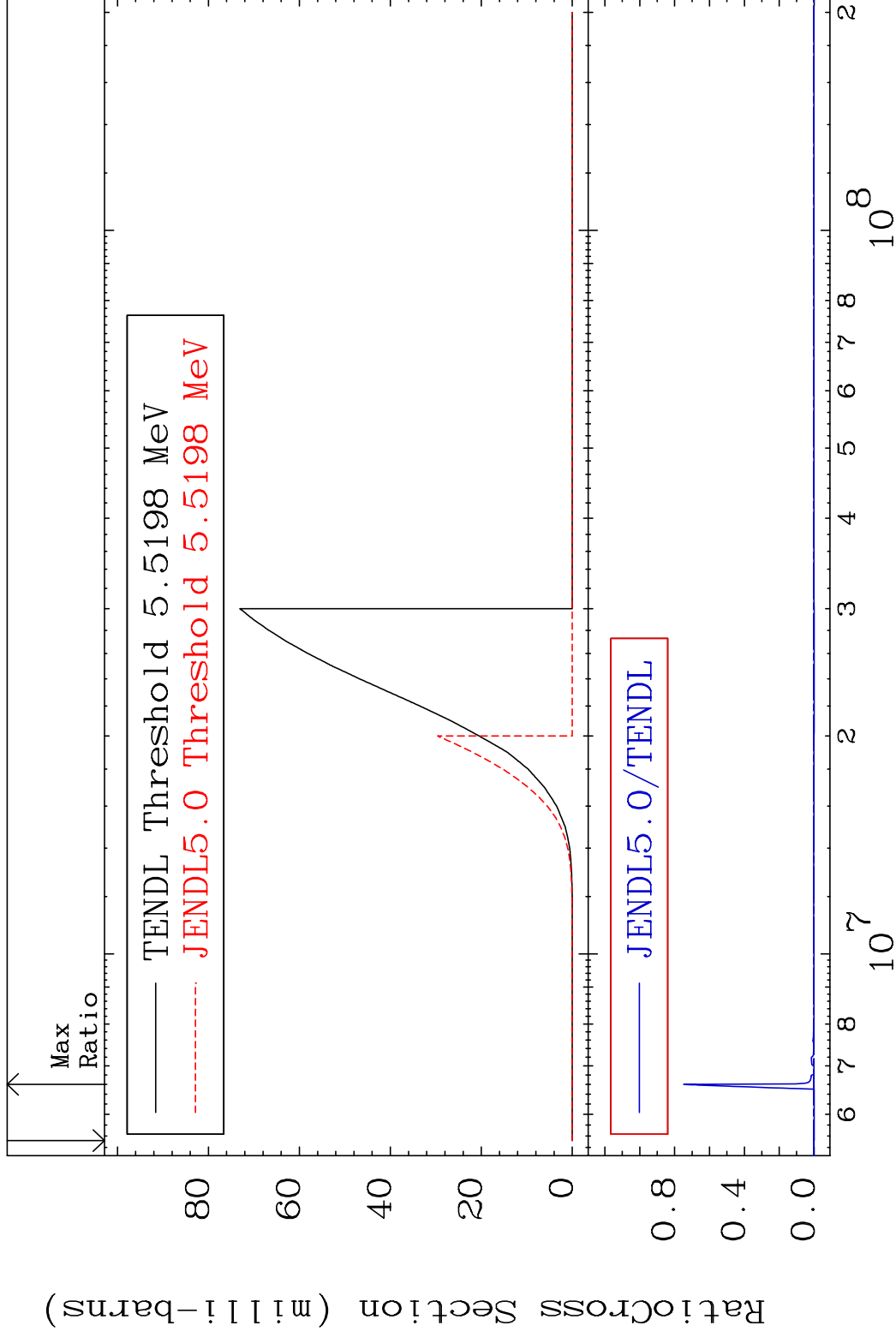
67-Ho-163

MAT 6719

(n, n') p

67-Ho-163

Cross Section -100.0 To 9999. %

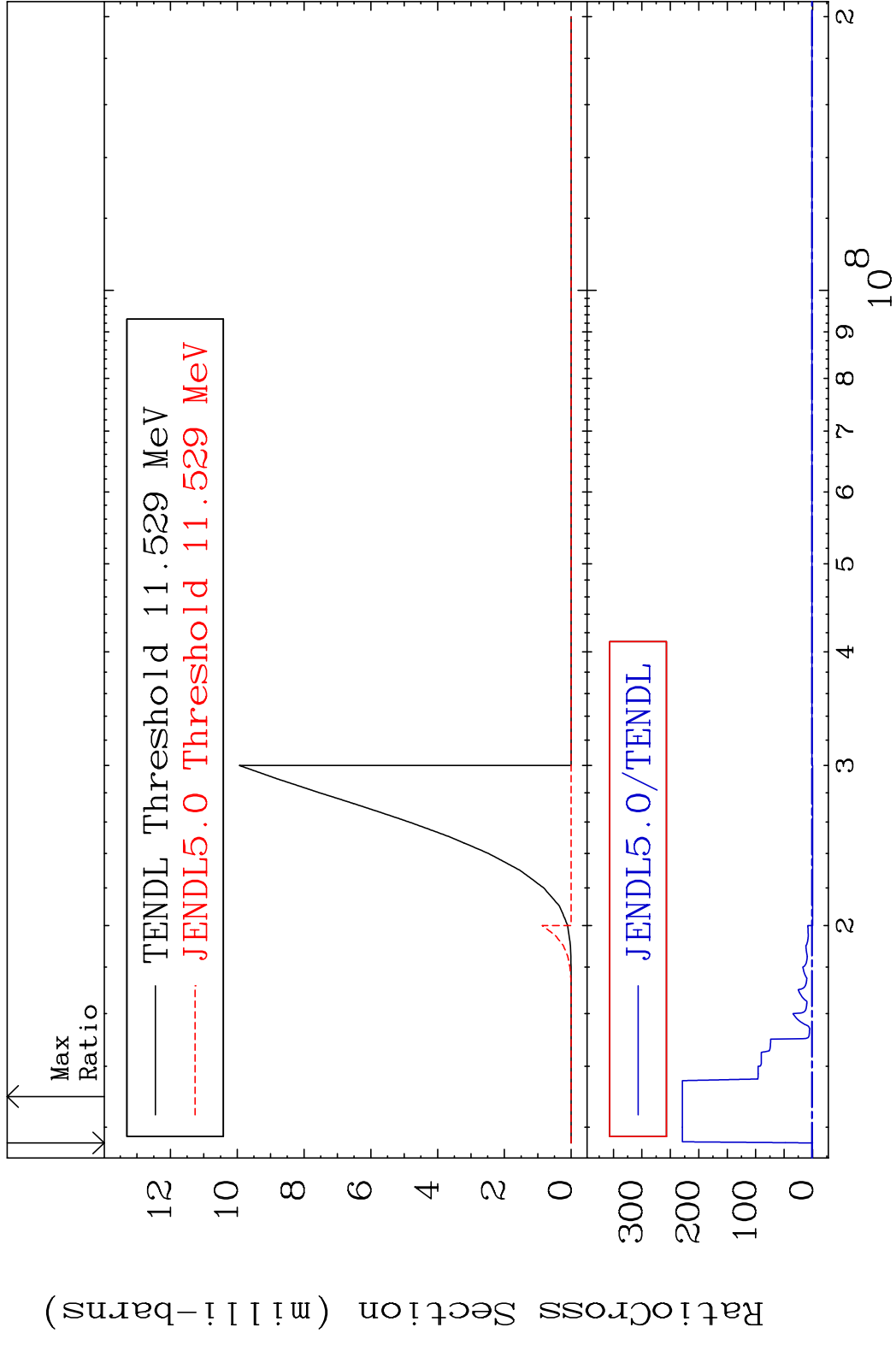


MAT 6719

(n, n') d

67-Ho-163

Cross Section -100.0 To 9999. %



10

Incident Energy (eV)

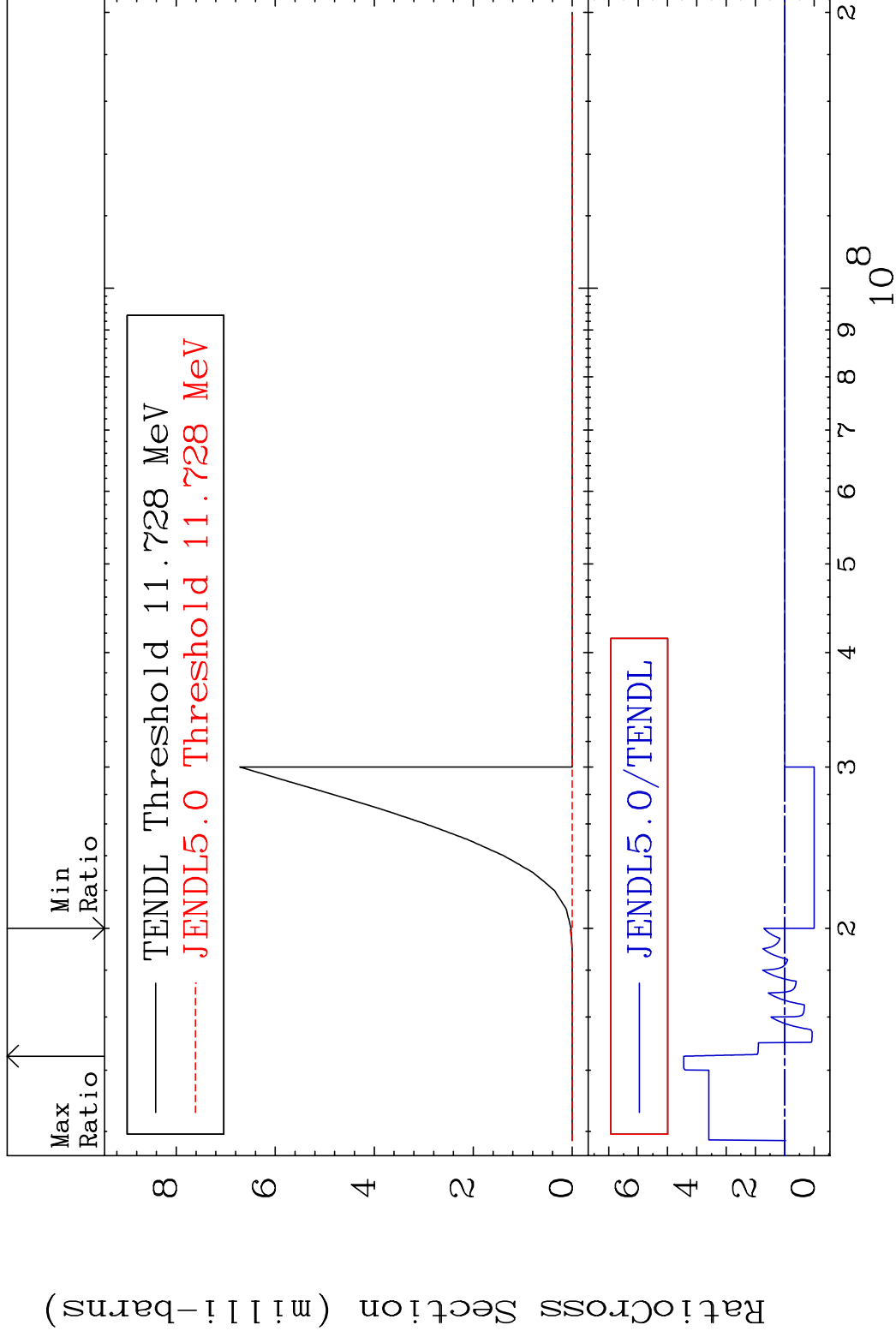
67-Ho-163

MAT 6719

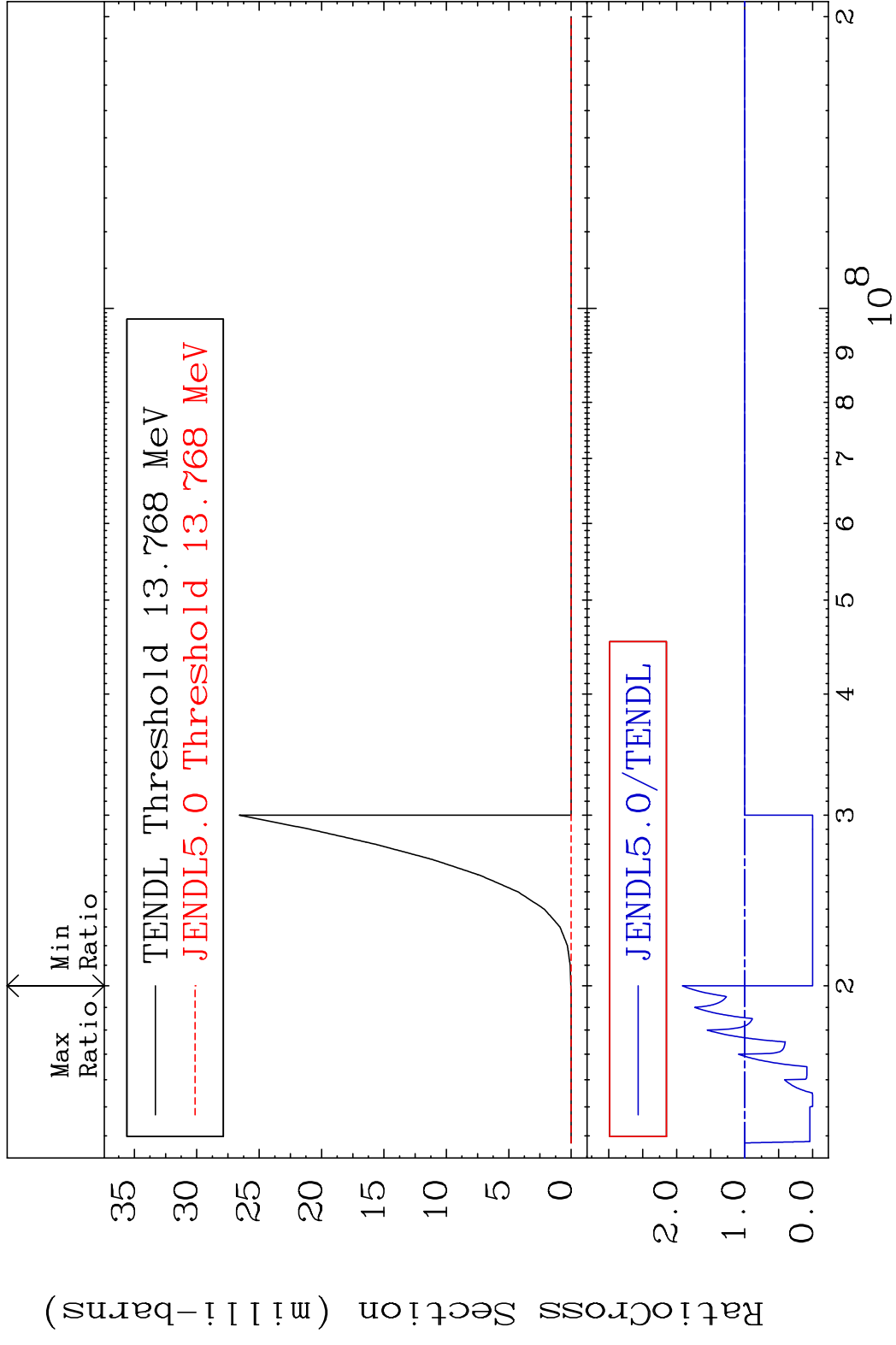
(n, n') t

67-Ho-163

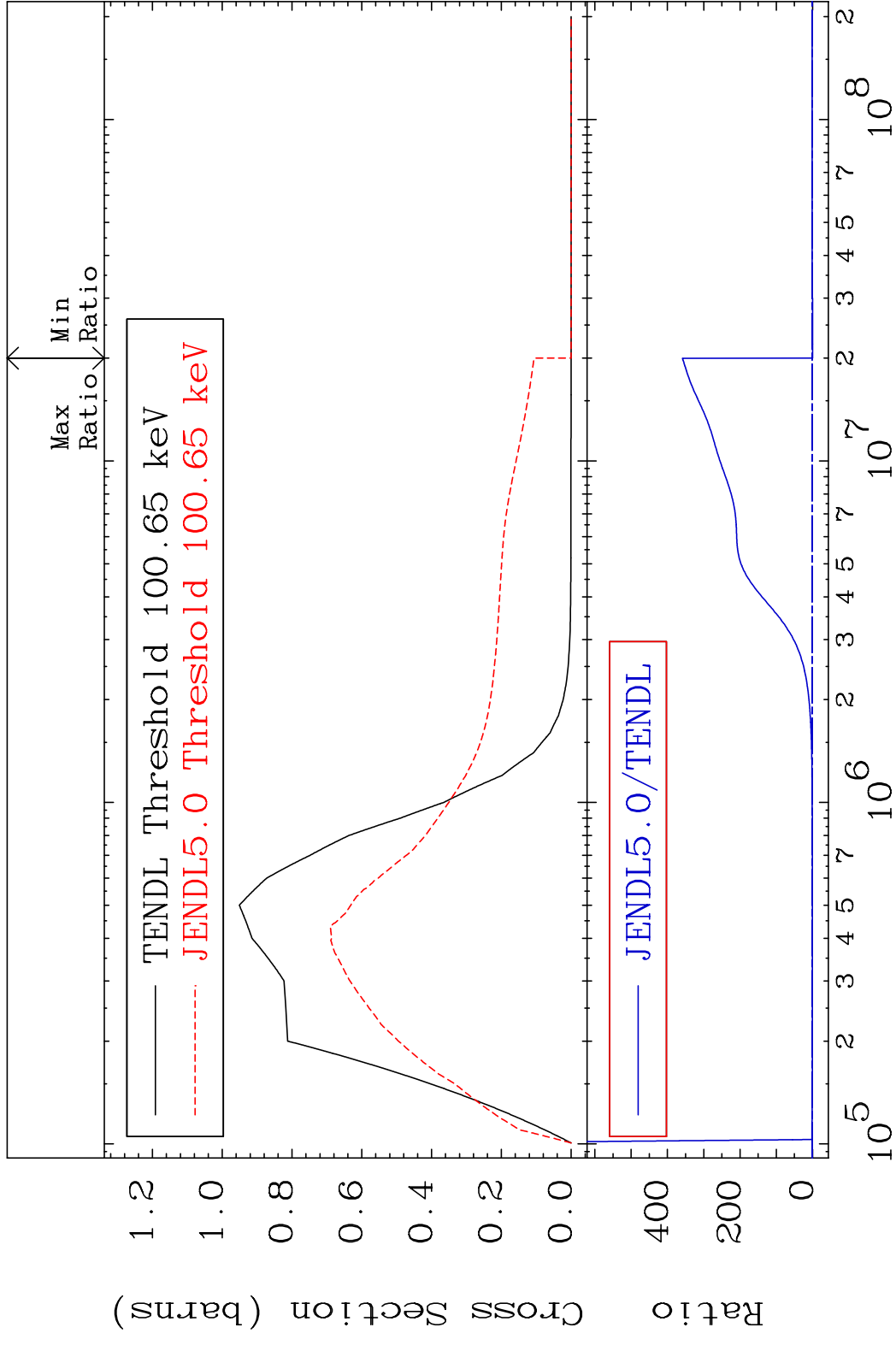
Cross Section -100.0 To 344.9 %



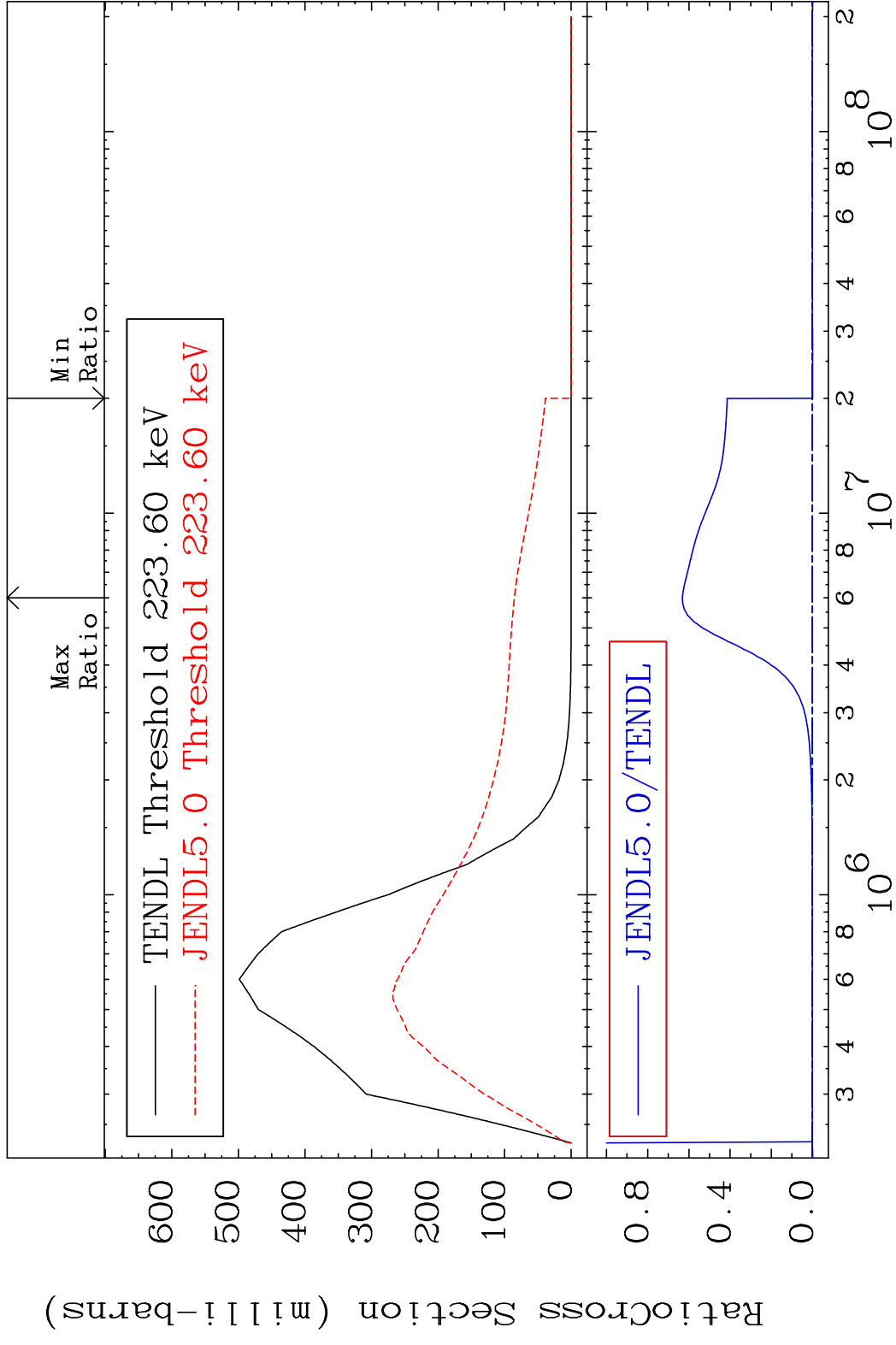
MAT 6719 (n,2n) p 67-Ho-163
 Cross Section -100.0 To 91.60 %



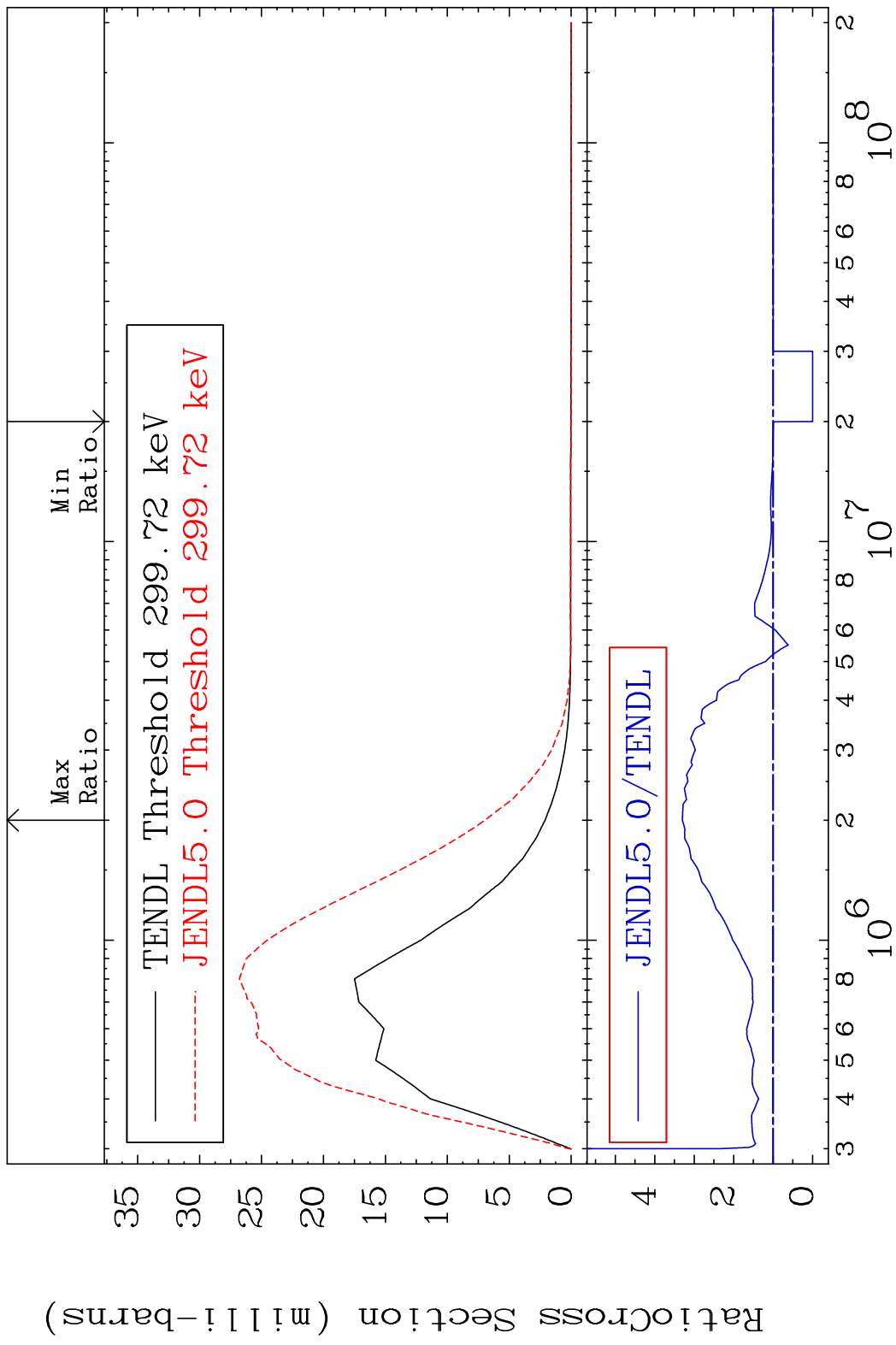
MAT 6719 MT= 51 (n,n') Level 67-Ho-163
 Cross Section -100.0 To 9999. %



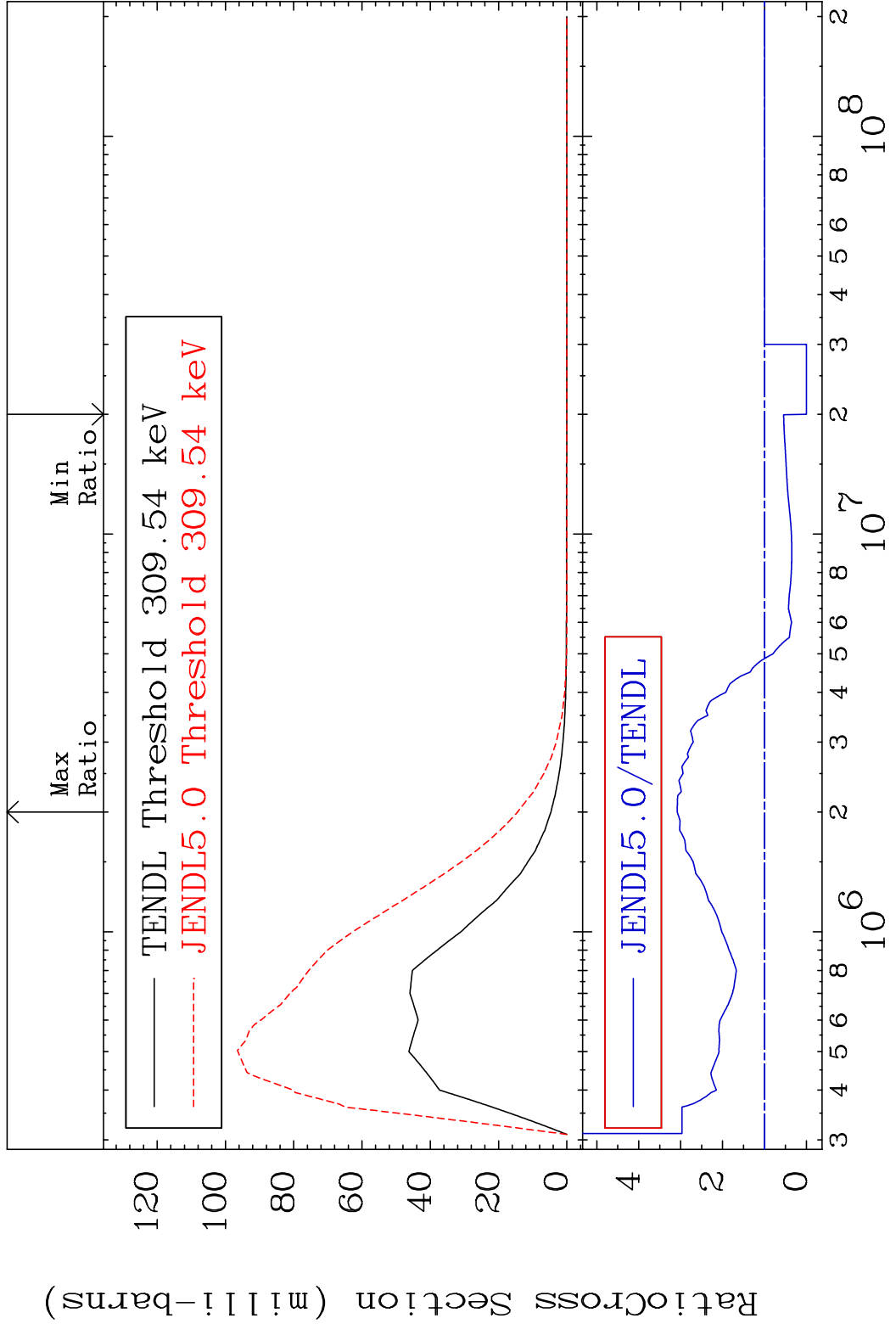
MAT 6719 MT= 52 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 9999. %



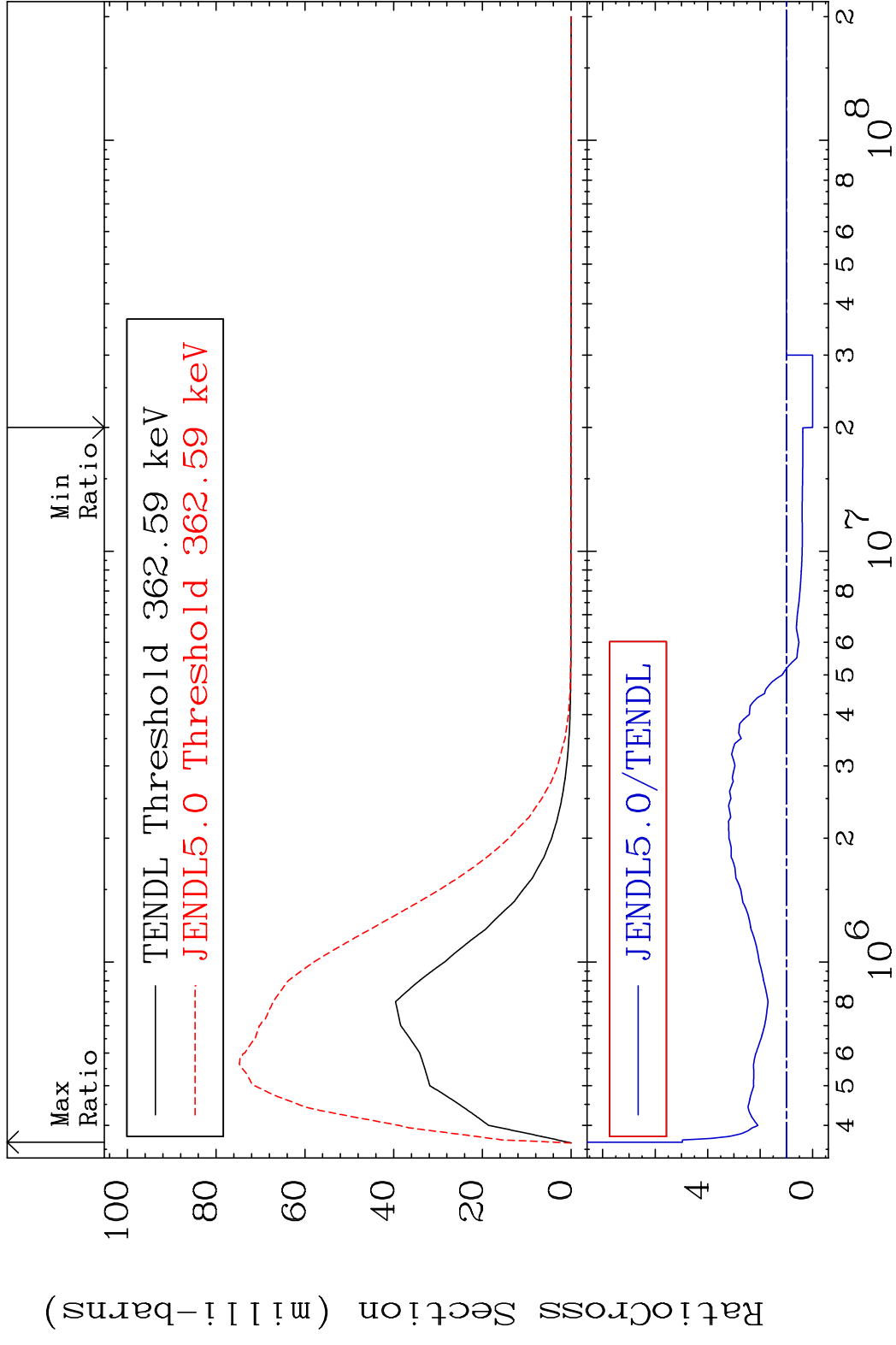
MAT 6719 MT= 53 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 230.1 %



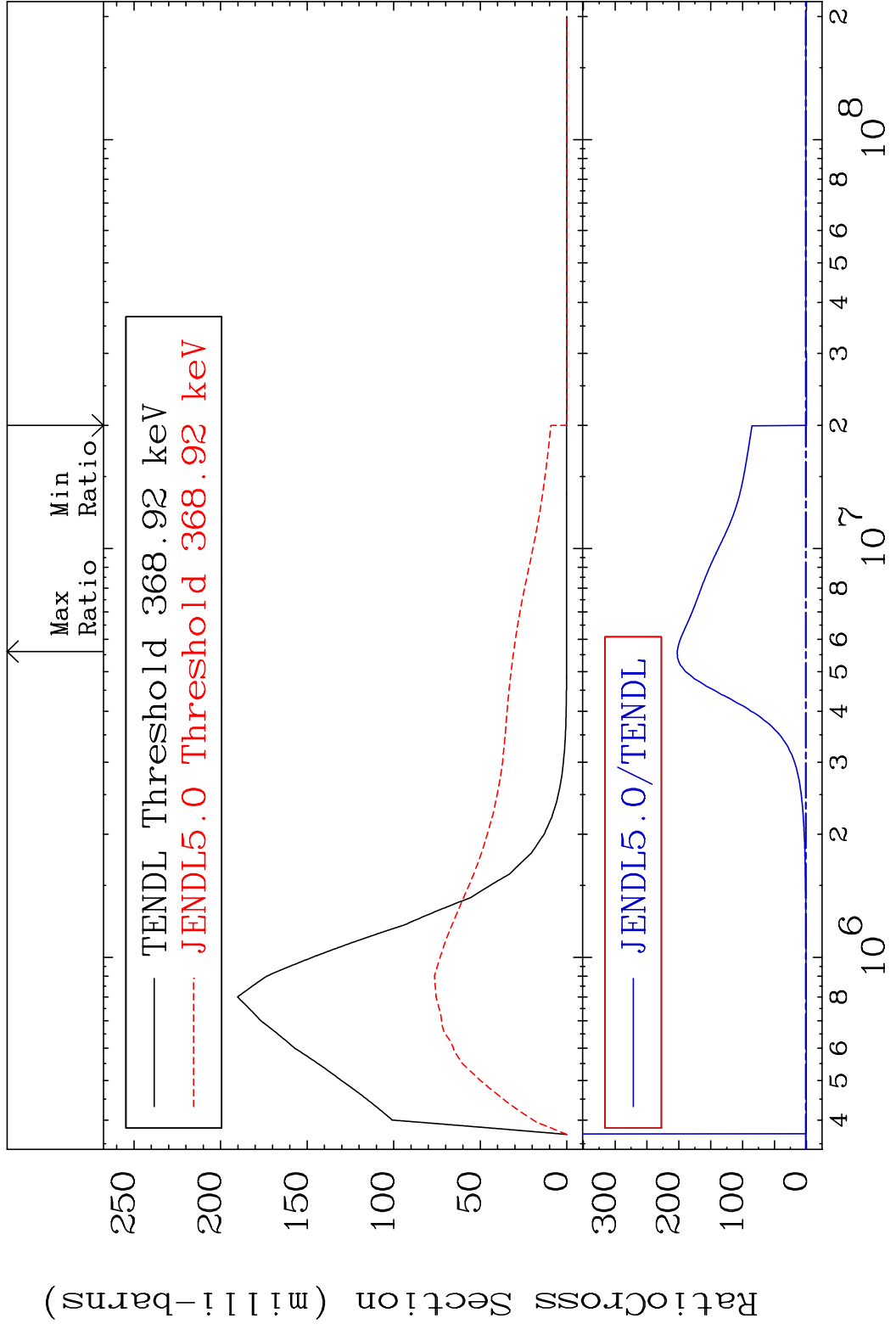
MAT 6719 MT= 54 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 208.3 %



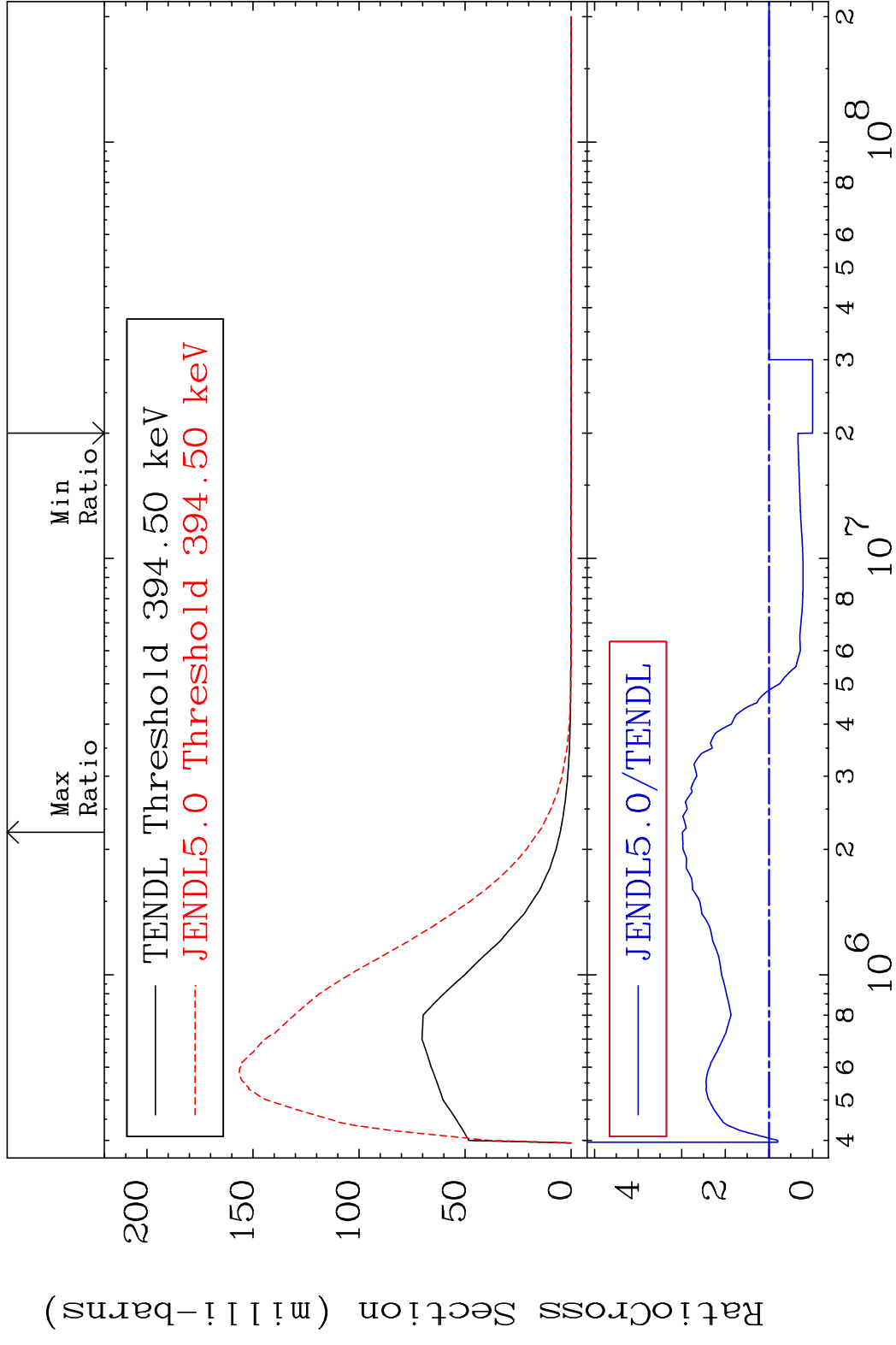
MAT 6719 MT= 55 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 396.3 %



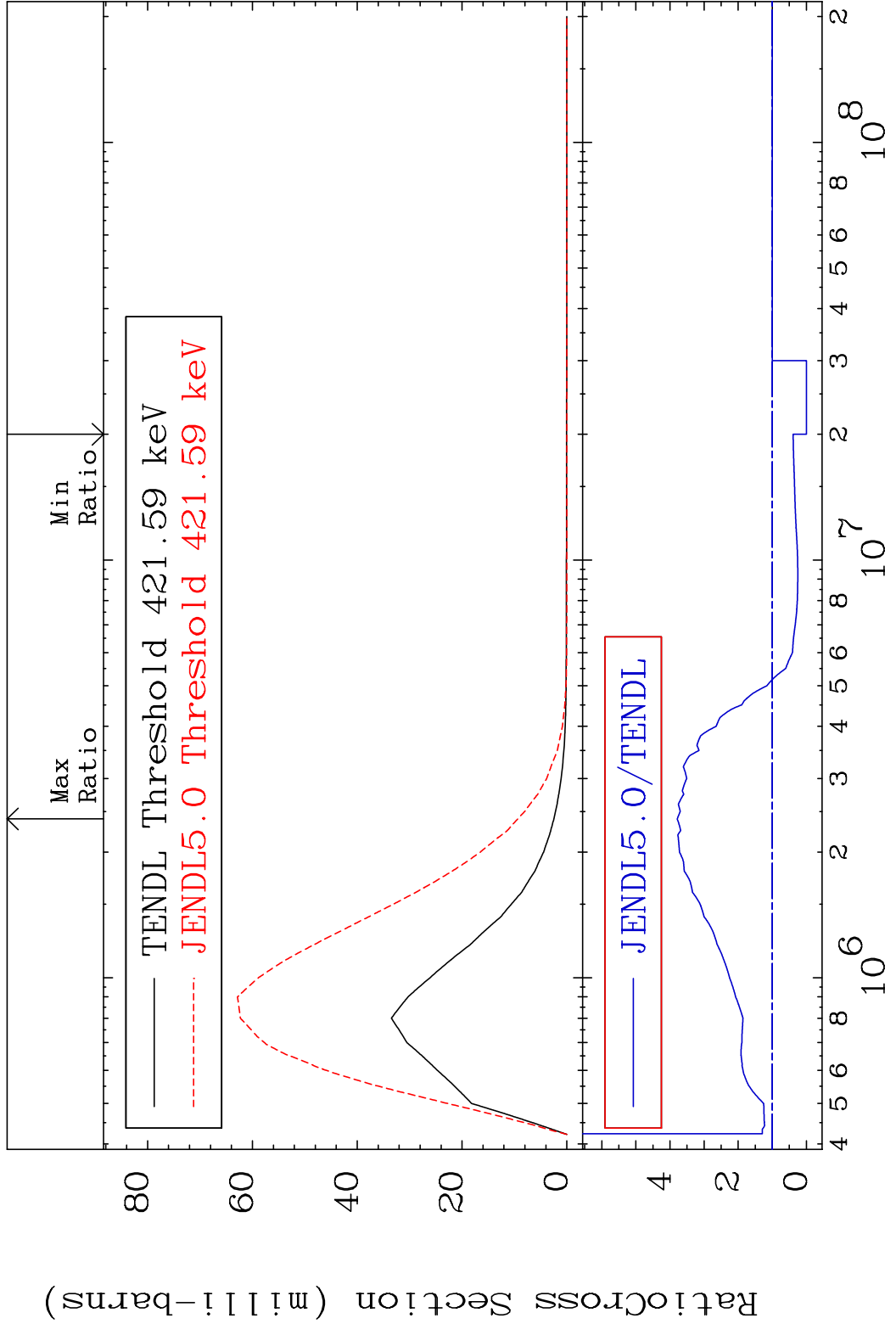
MAT 6719 MT= 56 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 9999. %



MAT 6719 MT= 57 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 198.6 %

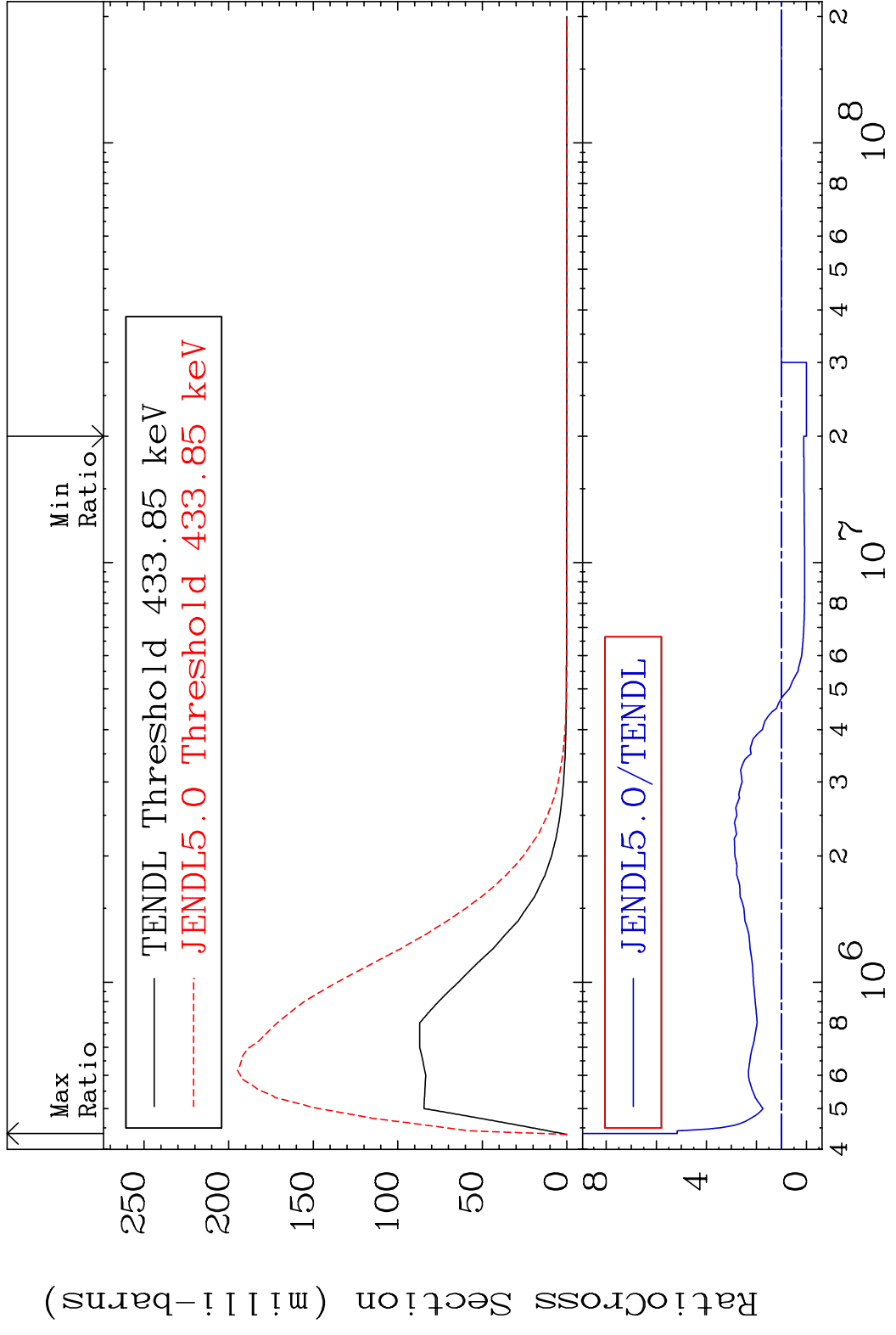


MAT 6719 MT= 58 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 278.9 %

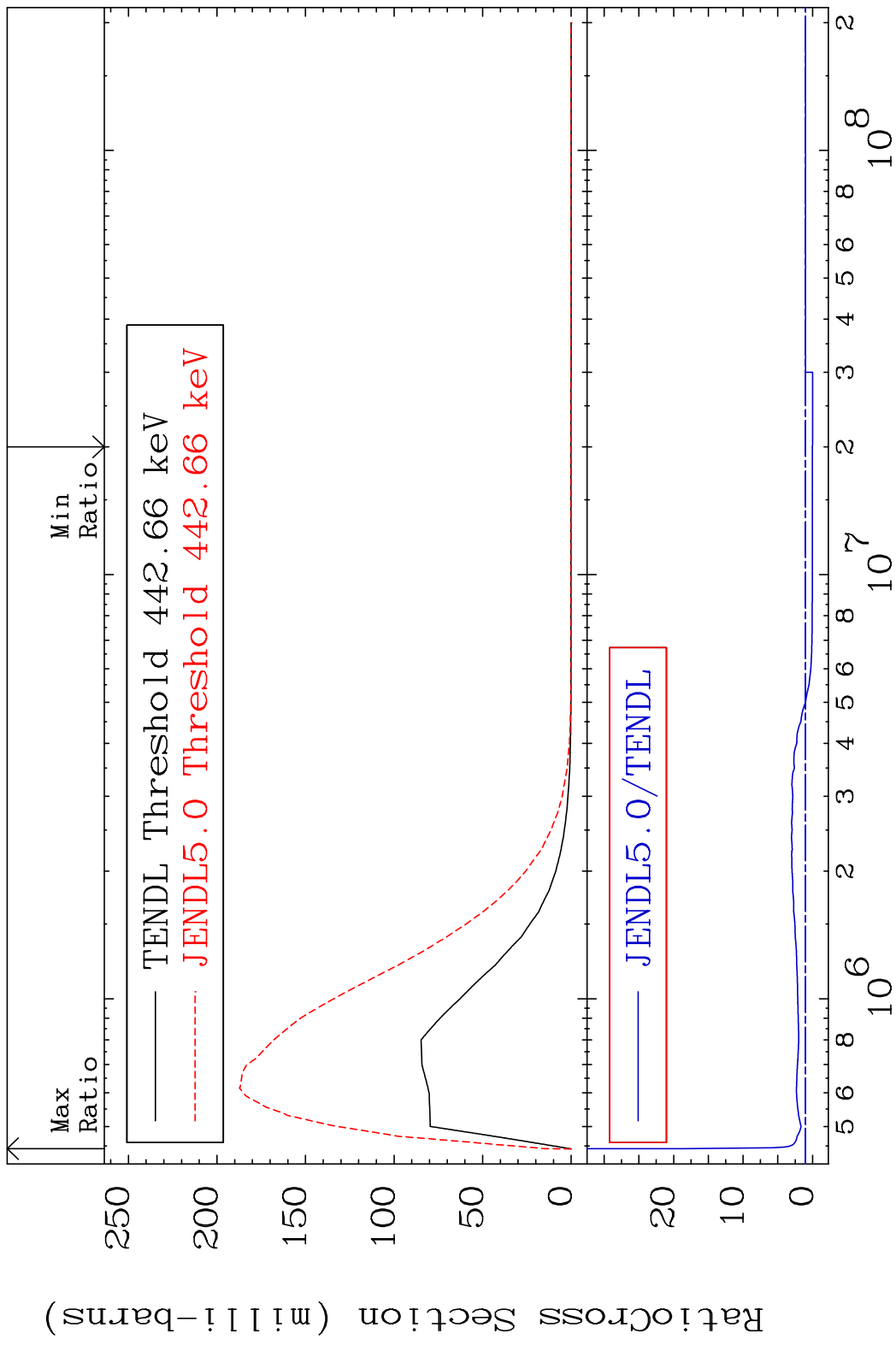


20 Incident Energy (eV) 67-Ho-163

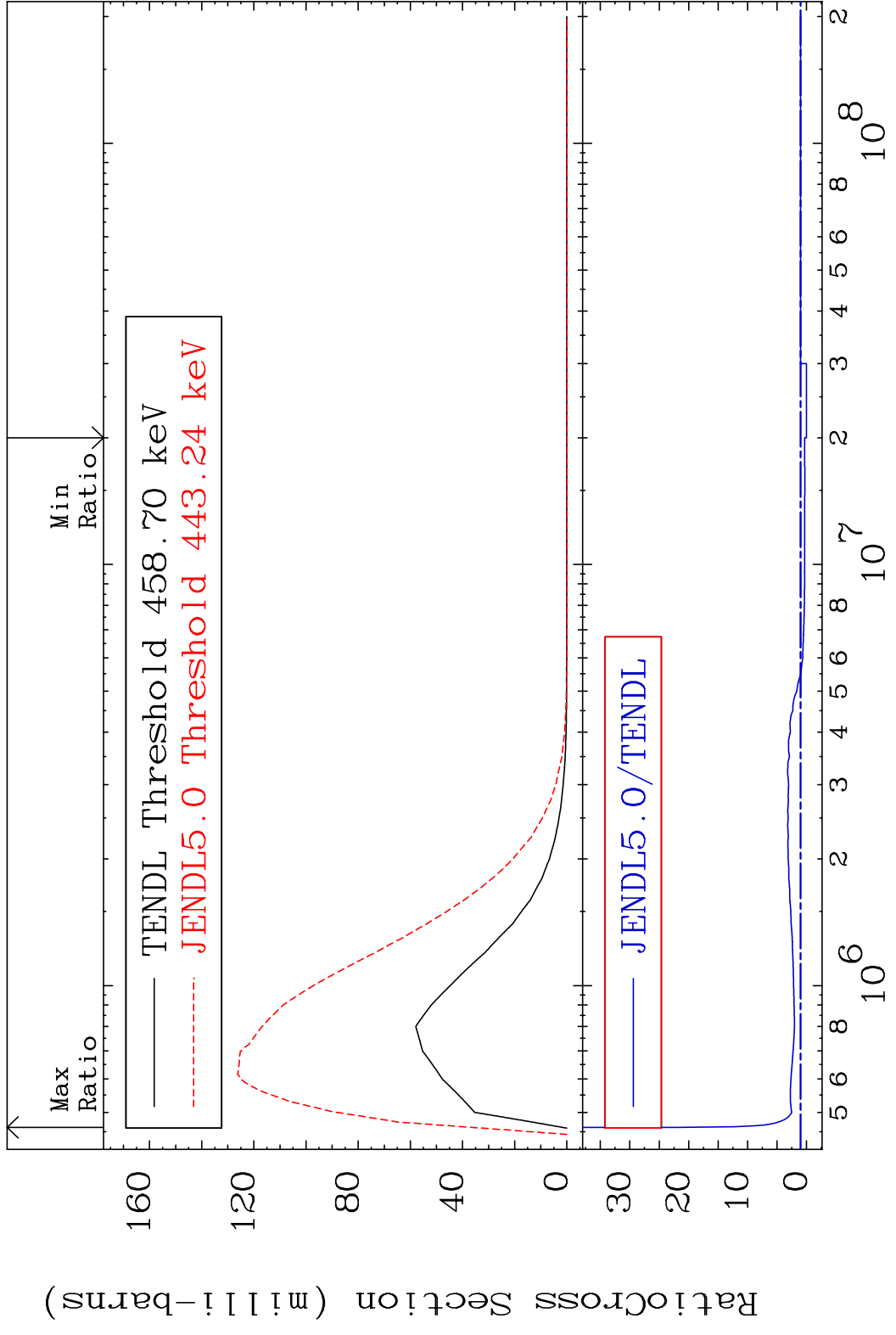
MAT 6719 MT= 59 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 416.5 %



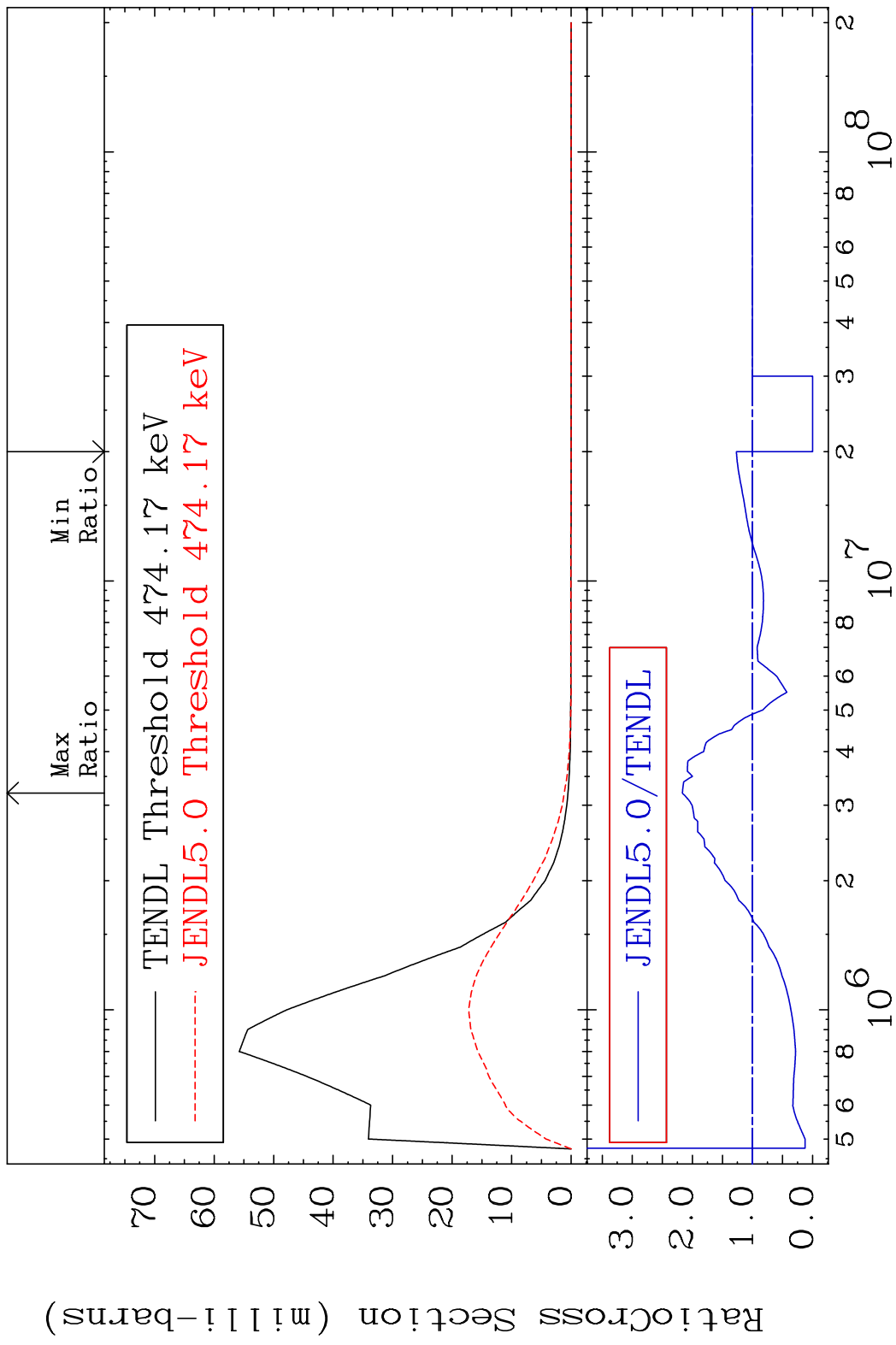
MAT 6719 MT= 60 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 1774. %



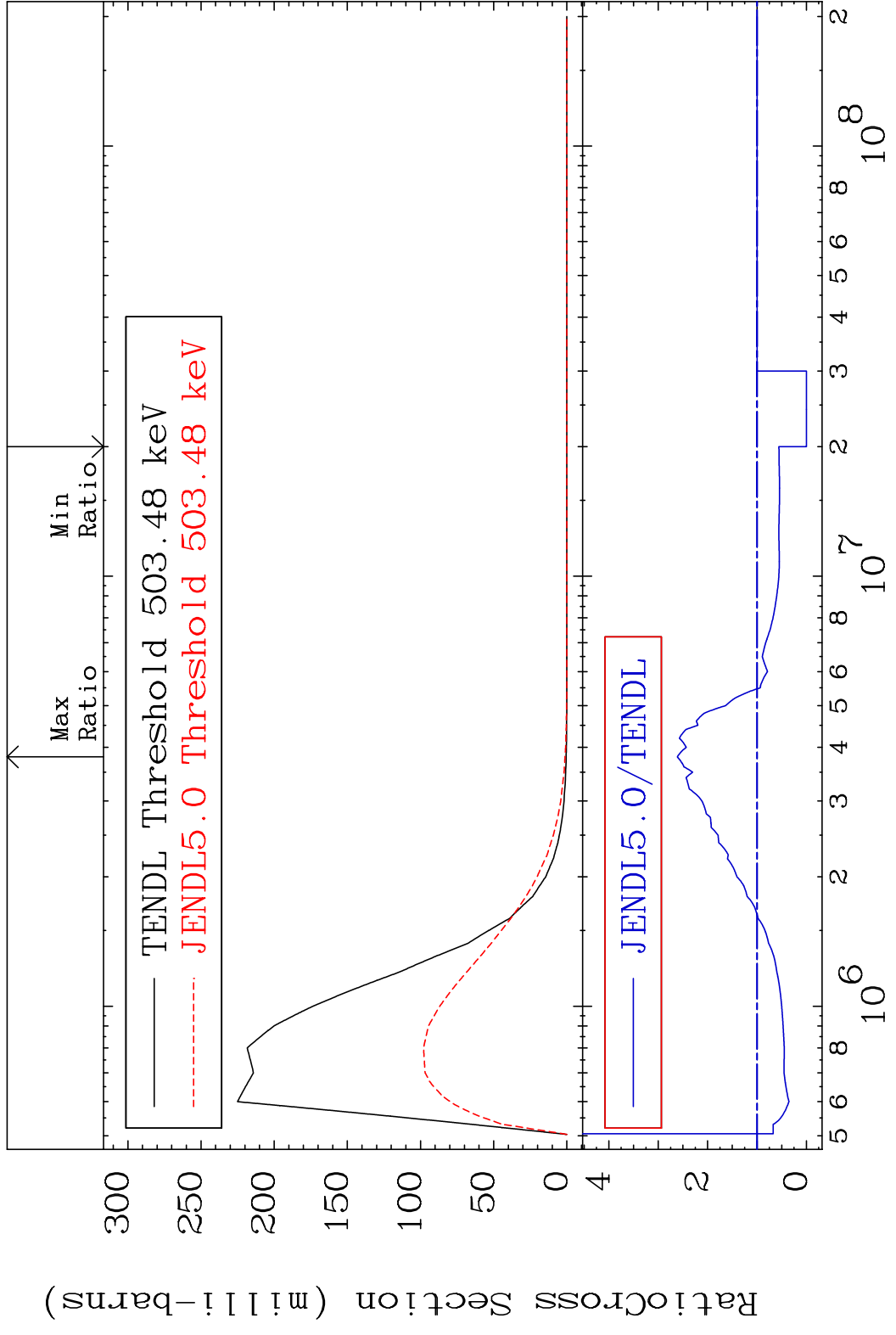
MAT 6719 MT= 61 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 2095. %



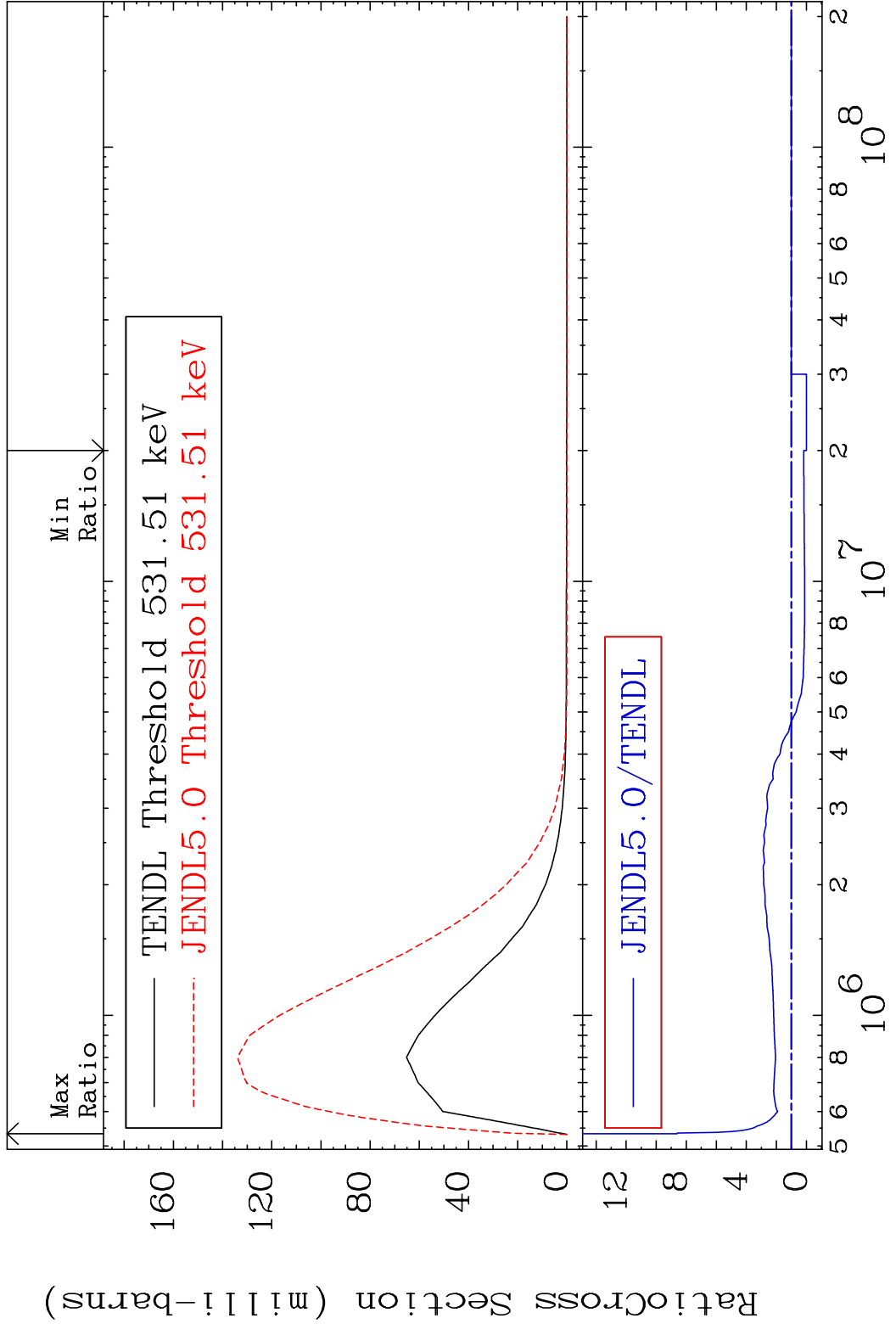
MAT 6719 MT= 62 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 116.7 %



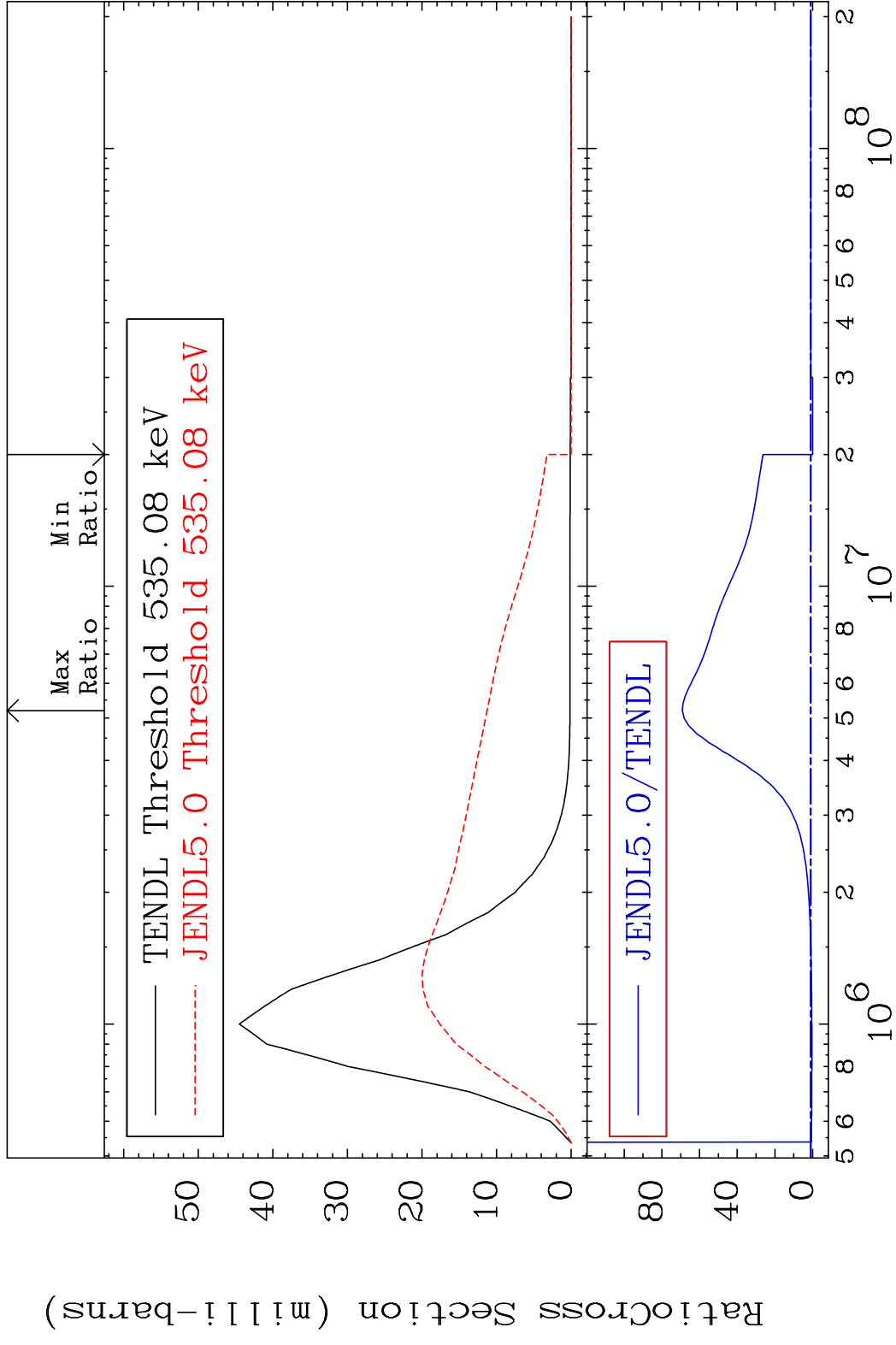
MAT 6719 MT= 63 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 161.6 %



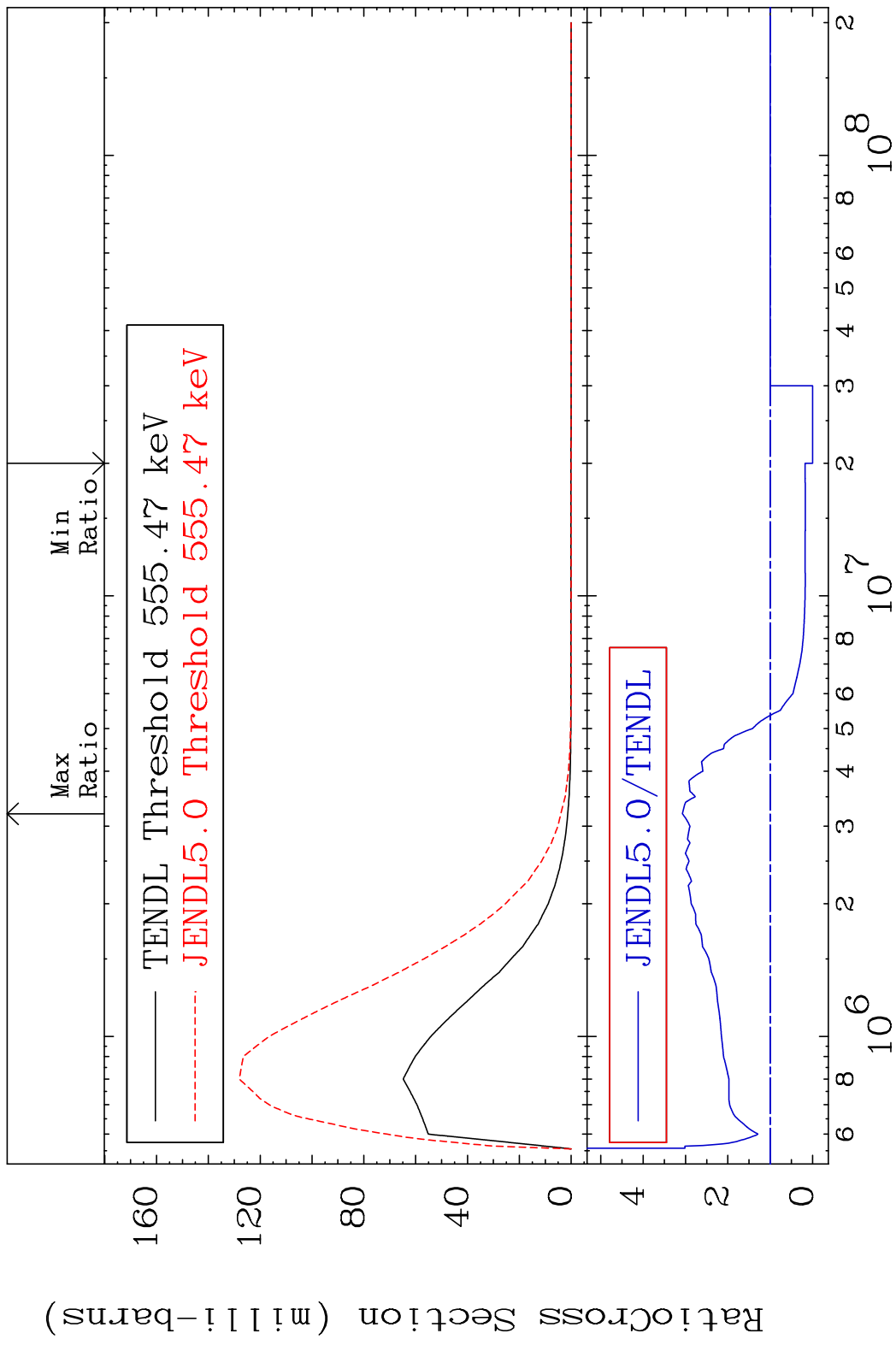
MAT 6719 MT= 64 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 760.2 %



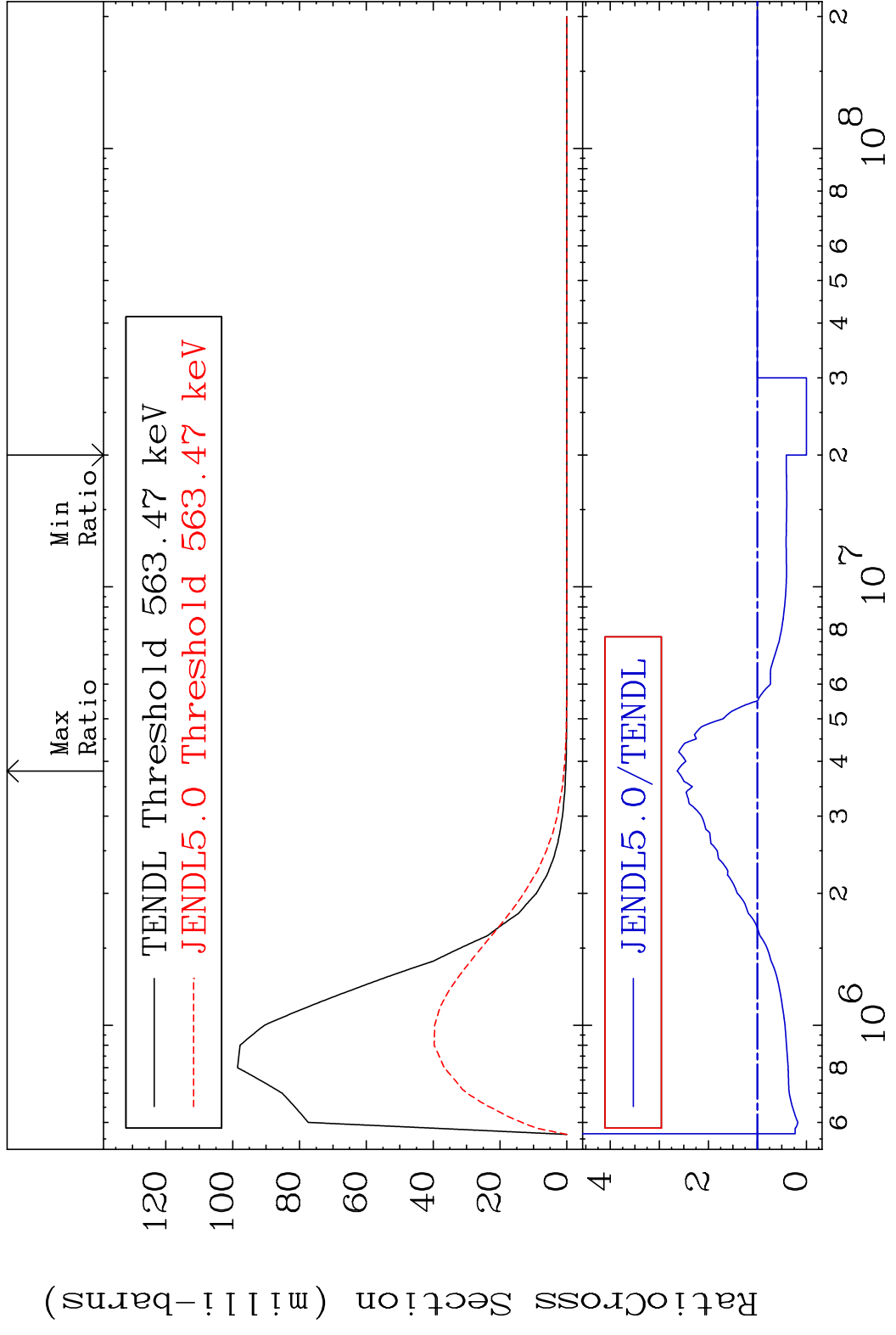
MAT 6719 MT= 65 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 6812. %



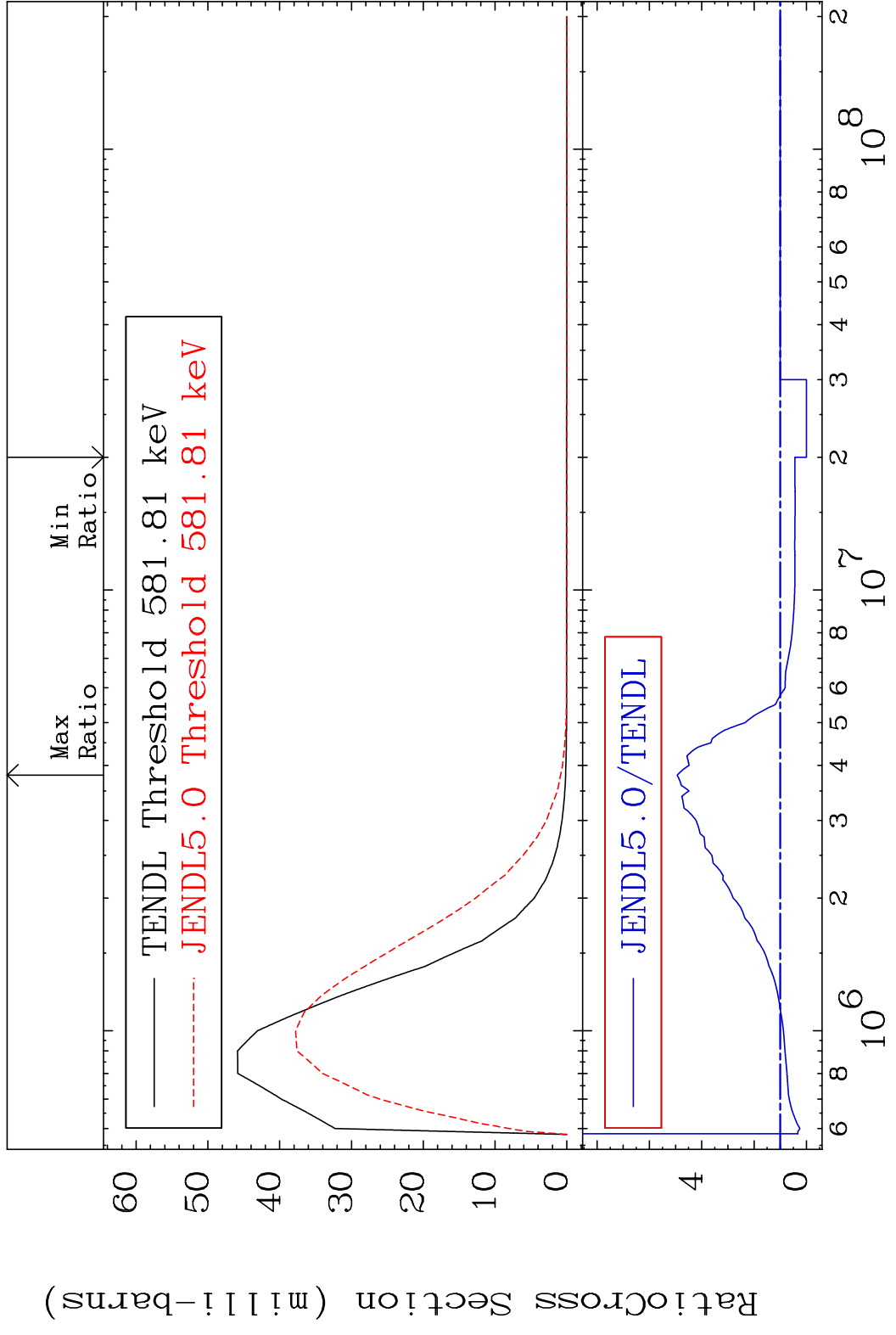
MAT 6719 MT= 66 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 207.4 %



MAT 6719 MT= 67 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 163.6 %

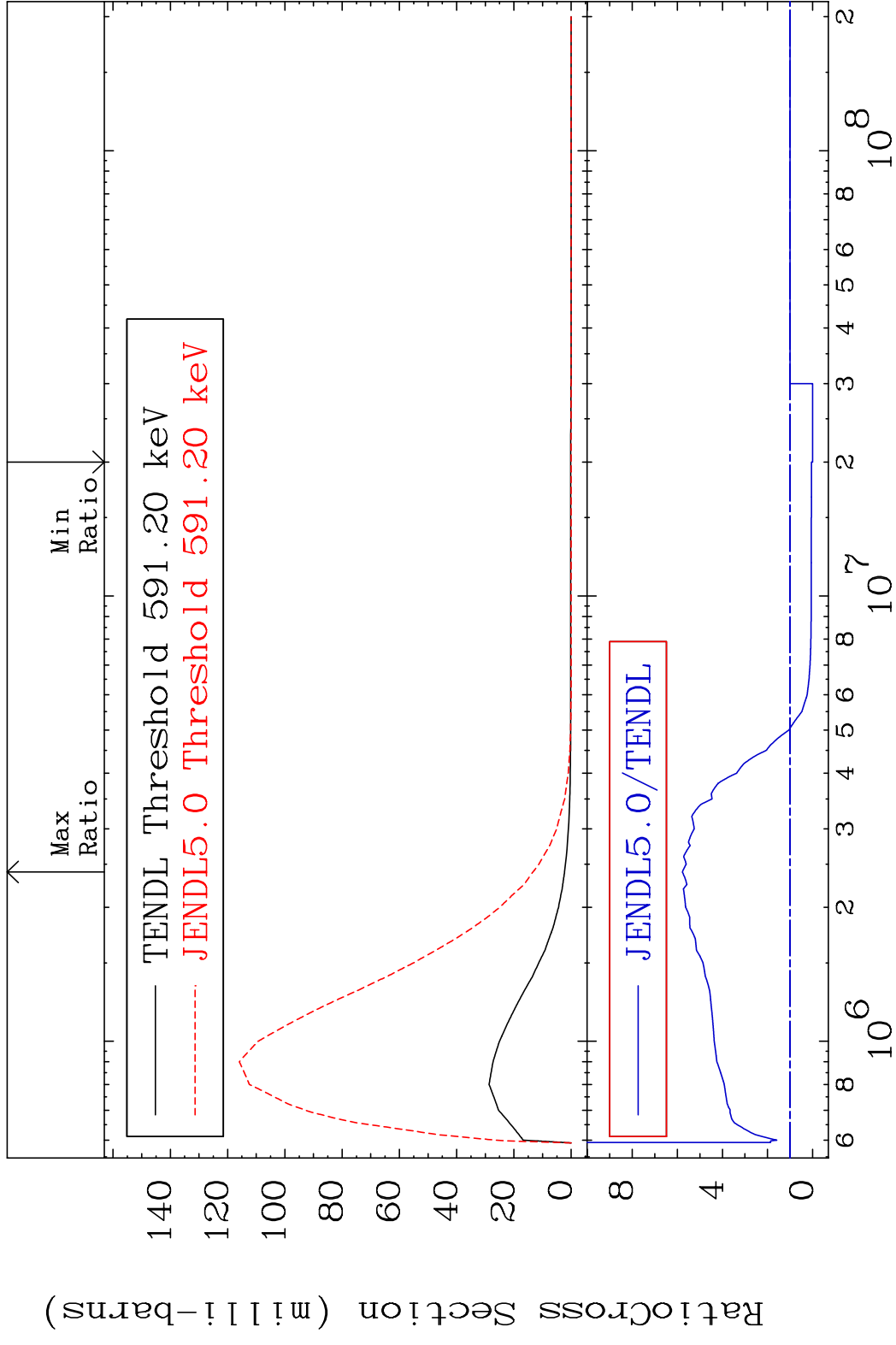


MAT 6719 MT= 68 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 393.8 %

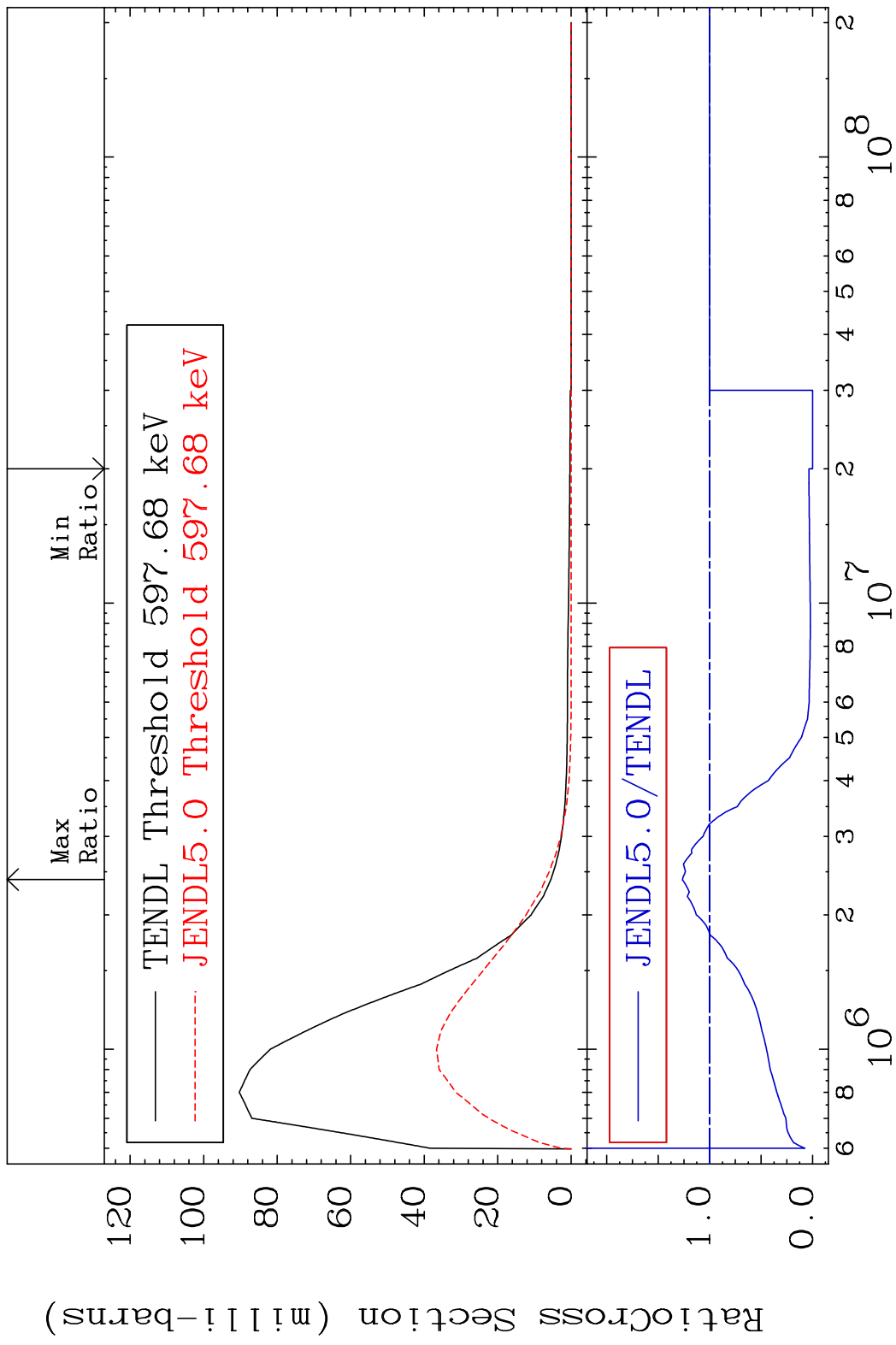


30 Incident Energy (eV) 67-Ho-163

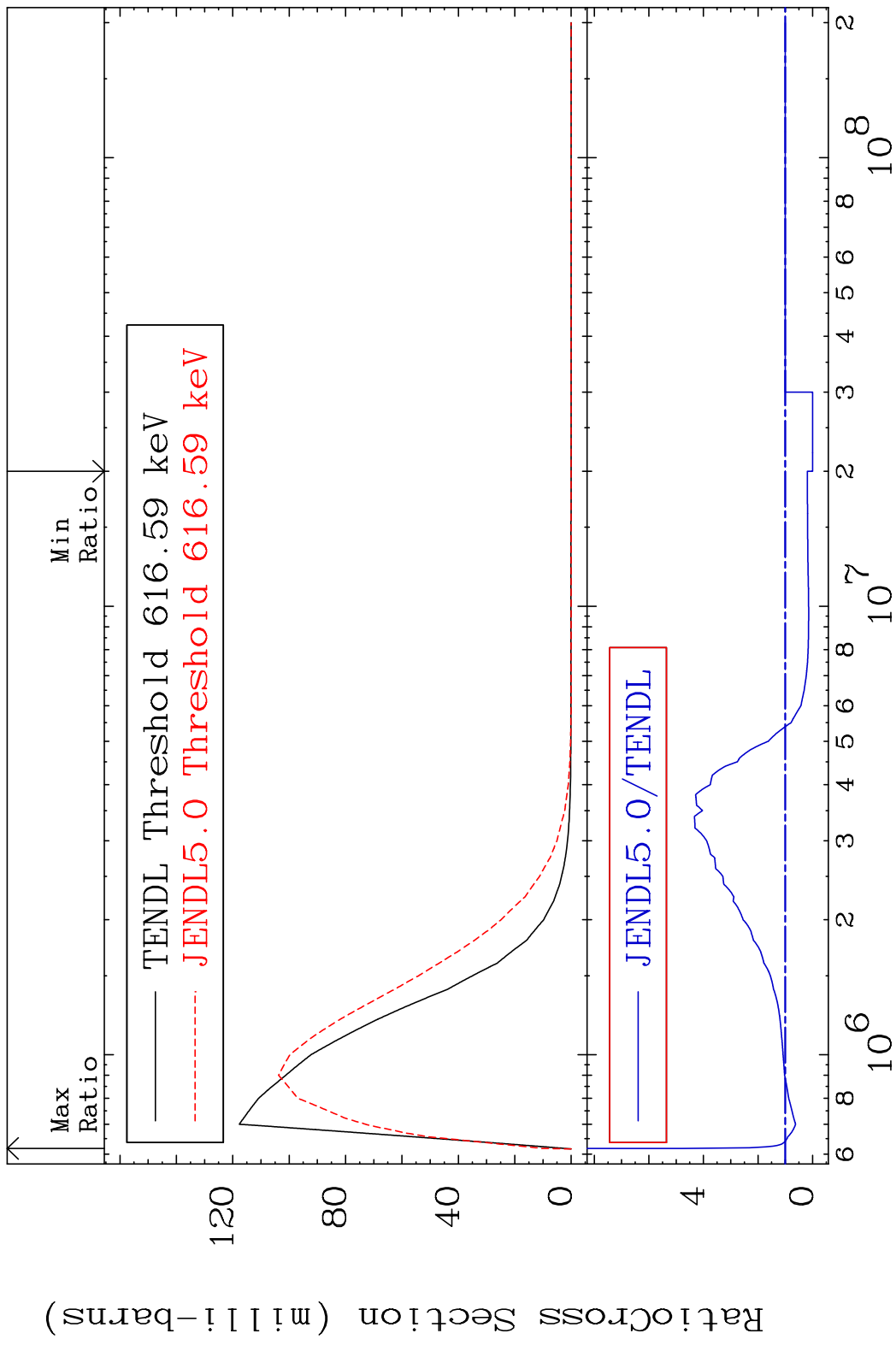
MAT 6719 MT= 69 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 477.8 %



MAT 6719 MT= 70 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 26.51 %

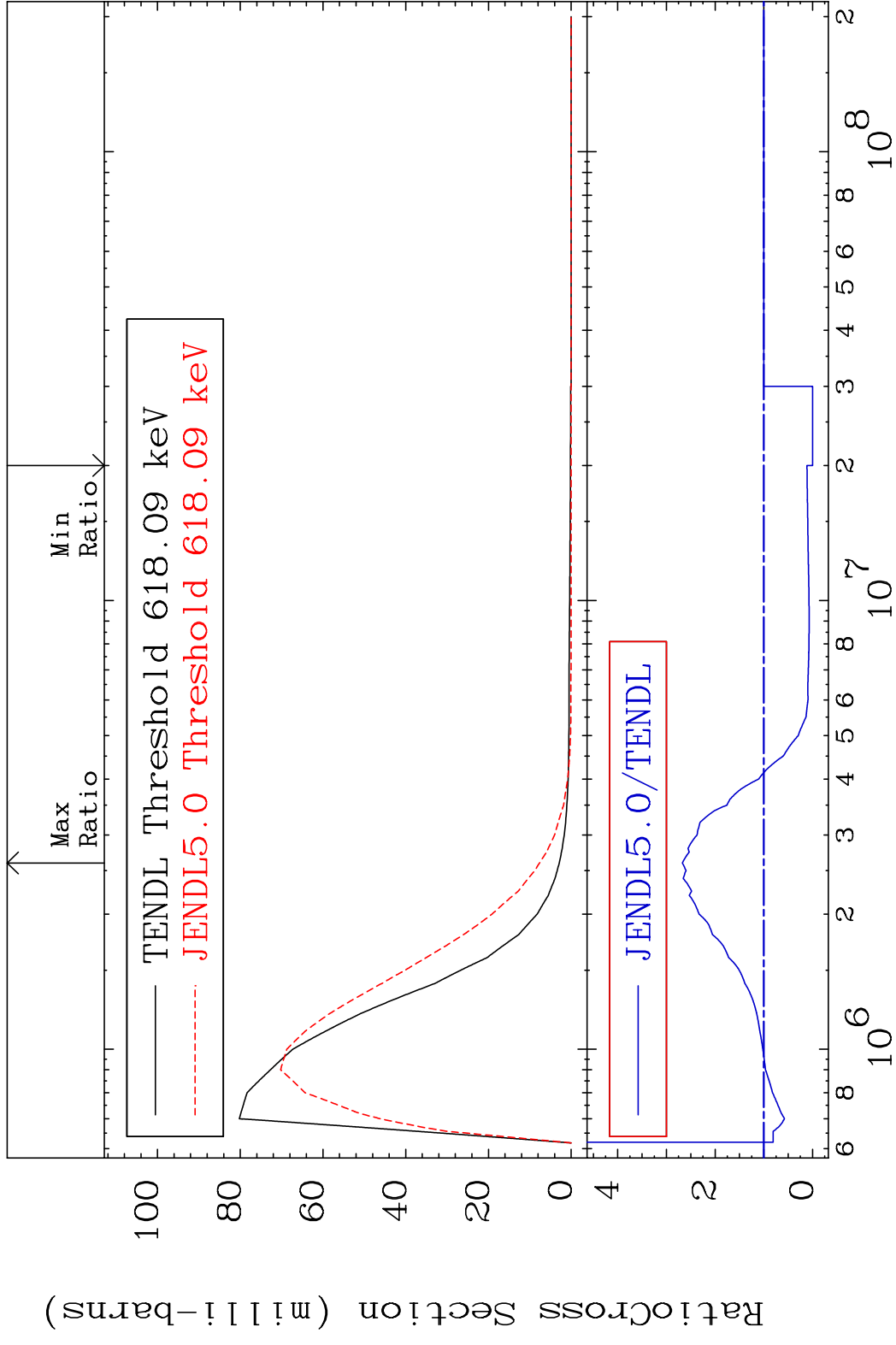


MAT 6719 MT= 71 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 377.3 %

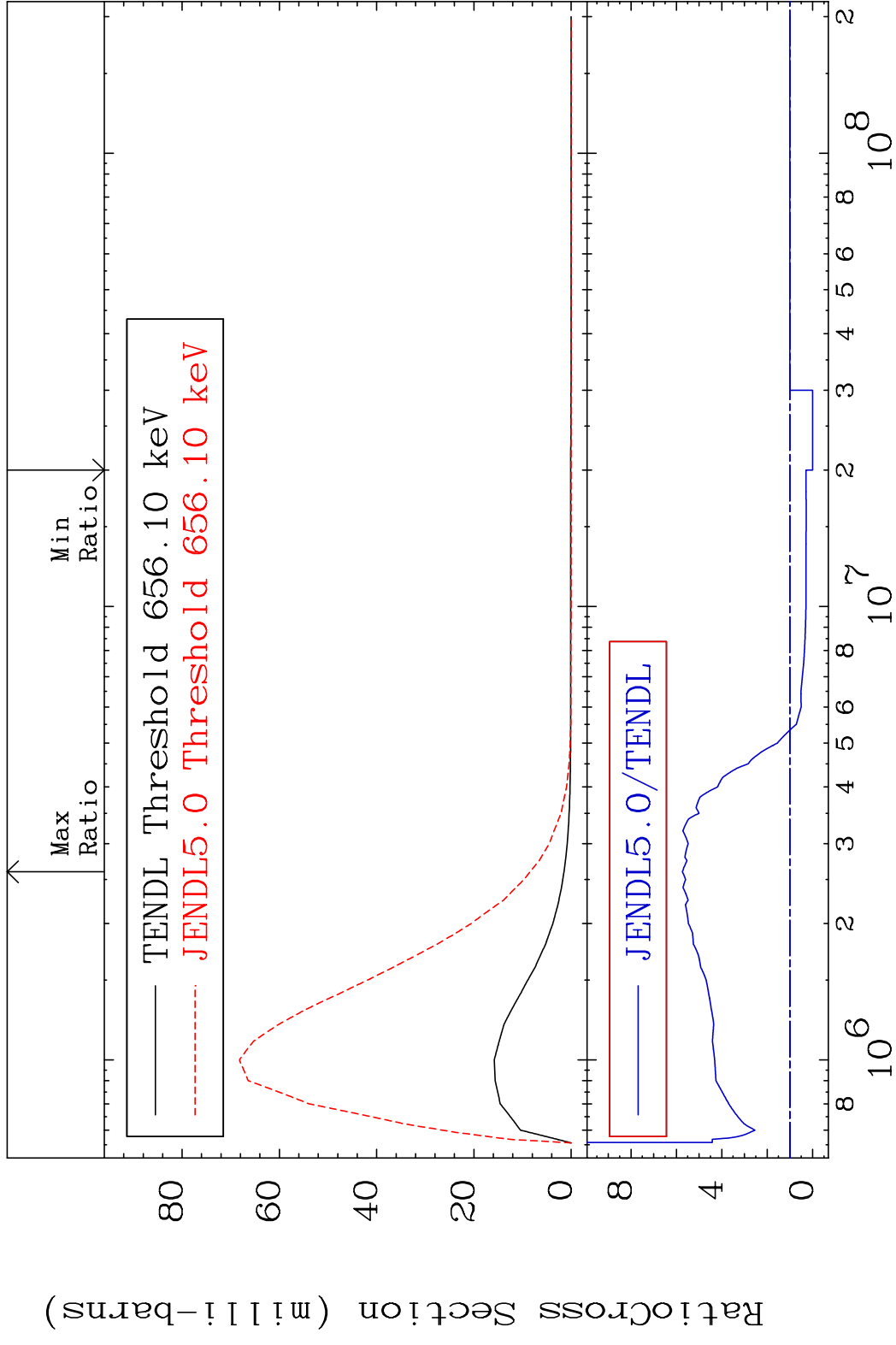


33 Incident Energy (eV) 67-Ho-163

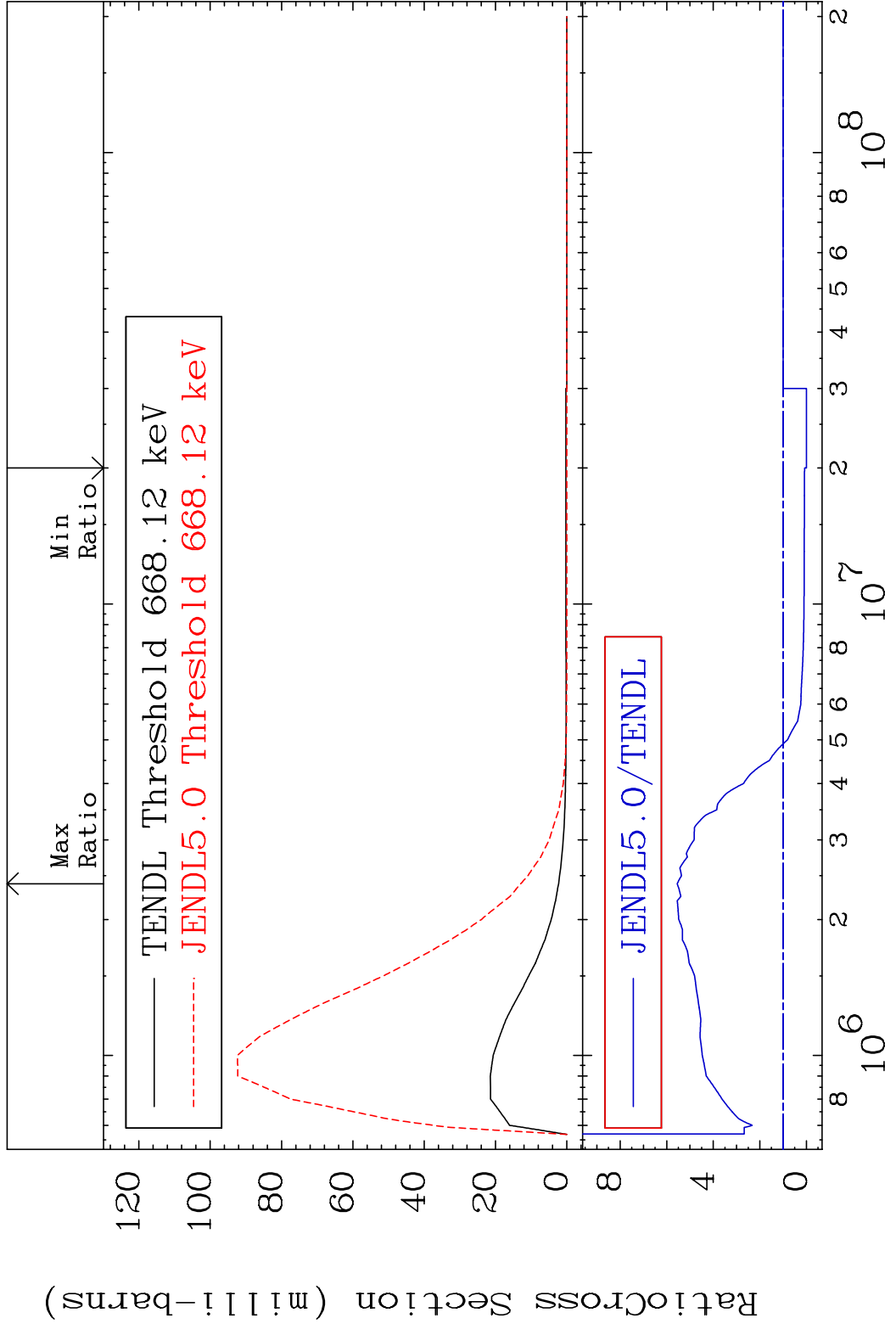
MAT 6719 MT= 72 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 167.3 %



MAT 6719 MT= 73 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 473.7 %

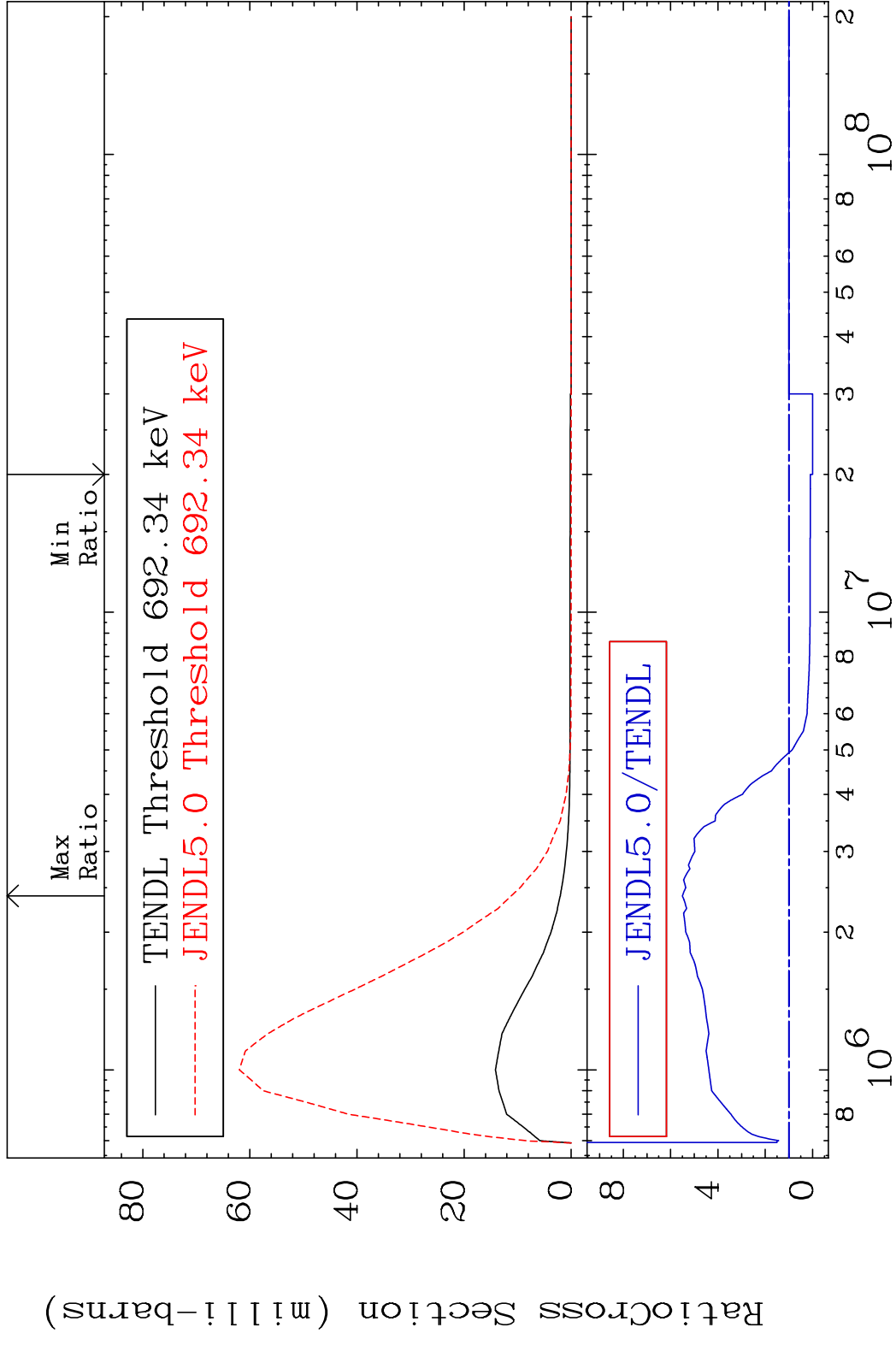


MAT 6719 MT= 74 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 455.0 %

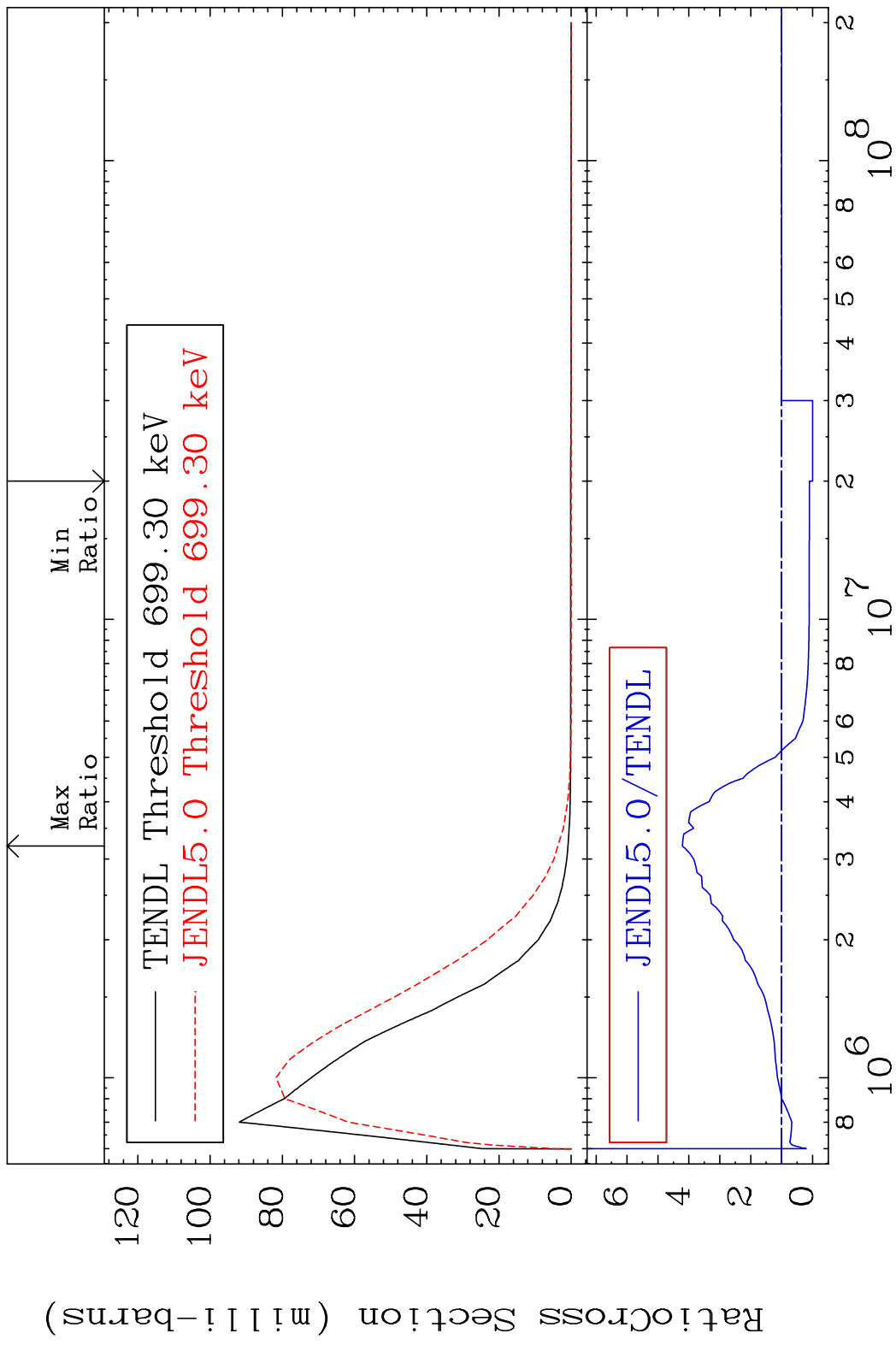


36 Incident Energy (eV) 67-Ho-163

MAT 6719 MT= 75 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 450.4 %

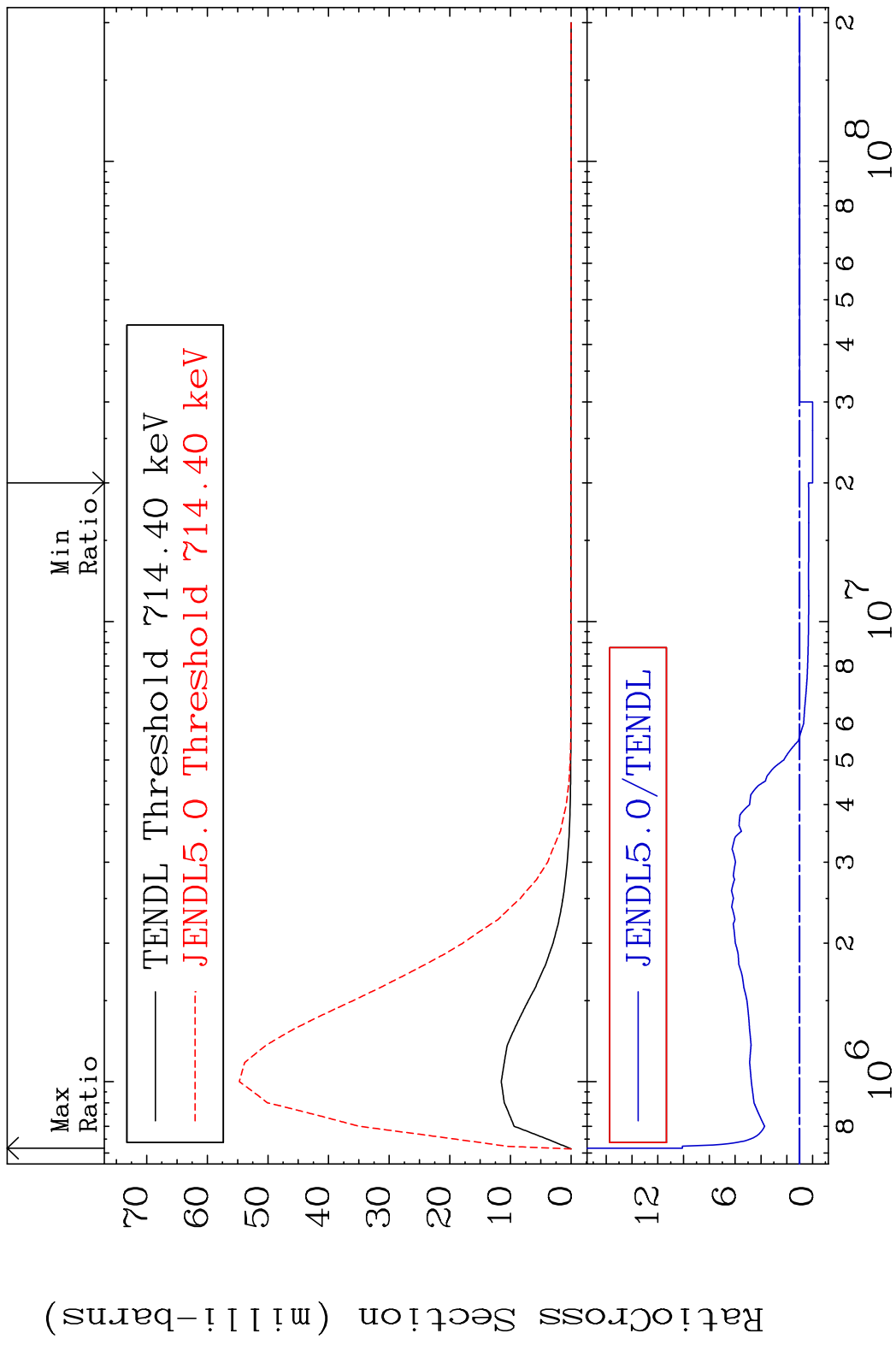


MAT 6719 MT= 76 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 321.1 %

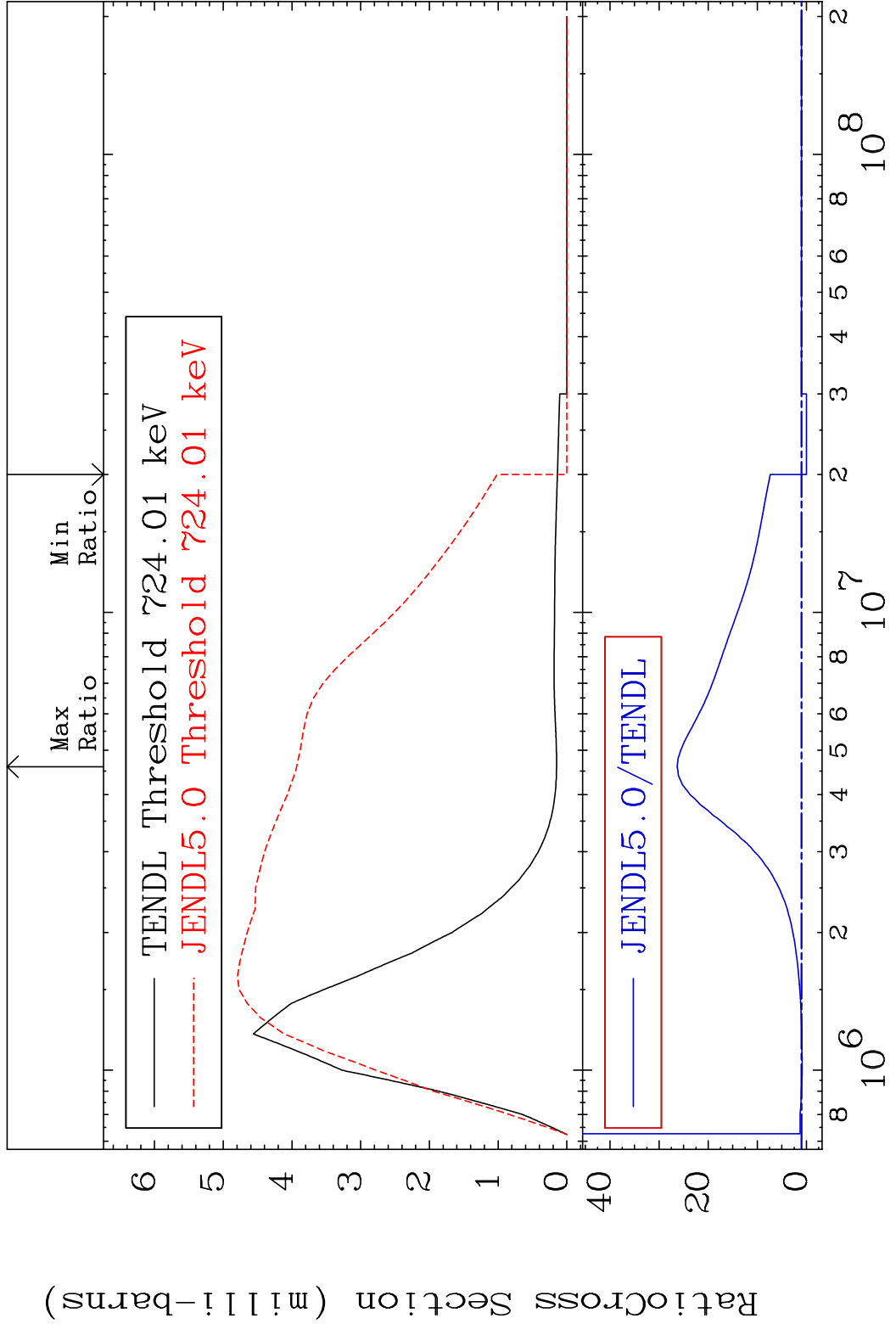


38 Incident Energy (eV) 67-Ho-163

MAT 6719 MT= 77 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 909.4 %



MAT 6719 MT= 78 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 2531. %

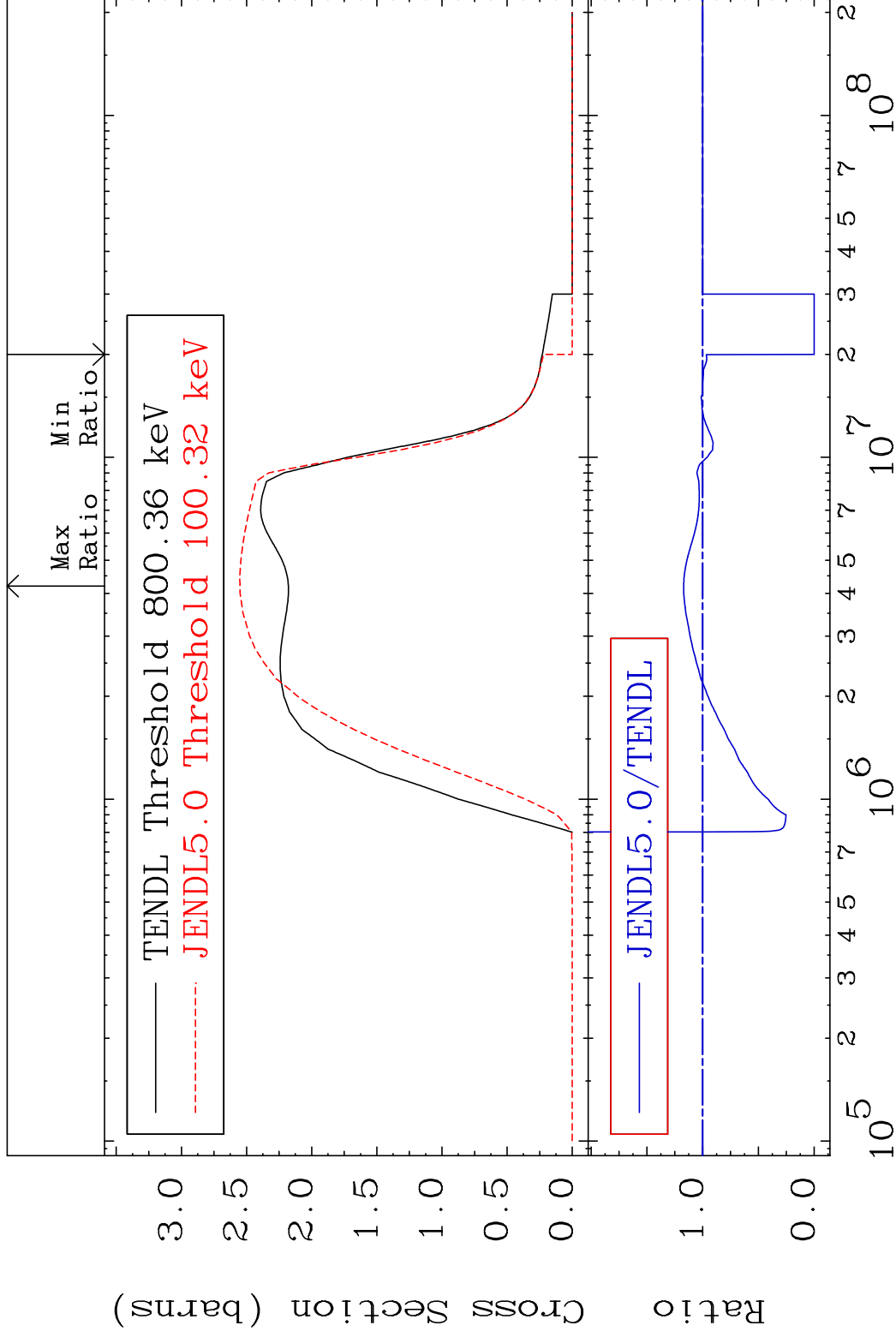


40 8 10⁶ 2 3 4 5 6 8 10⁷ 2 3 4 5 6 8 10⁸ 2 67-Ho-163

MAT 6719

(n, n') Continuum
Cross Section -100.0 To 17.07 %

67-Ho-163



41

Incident Energy (eV)

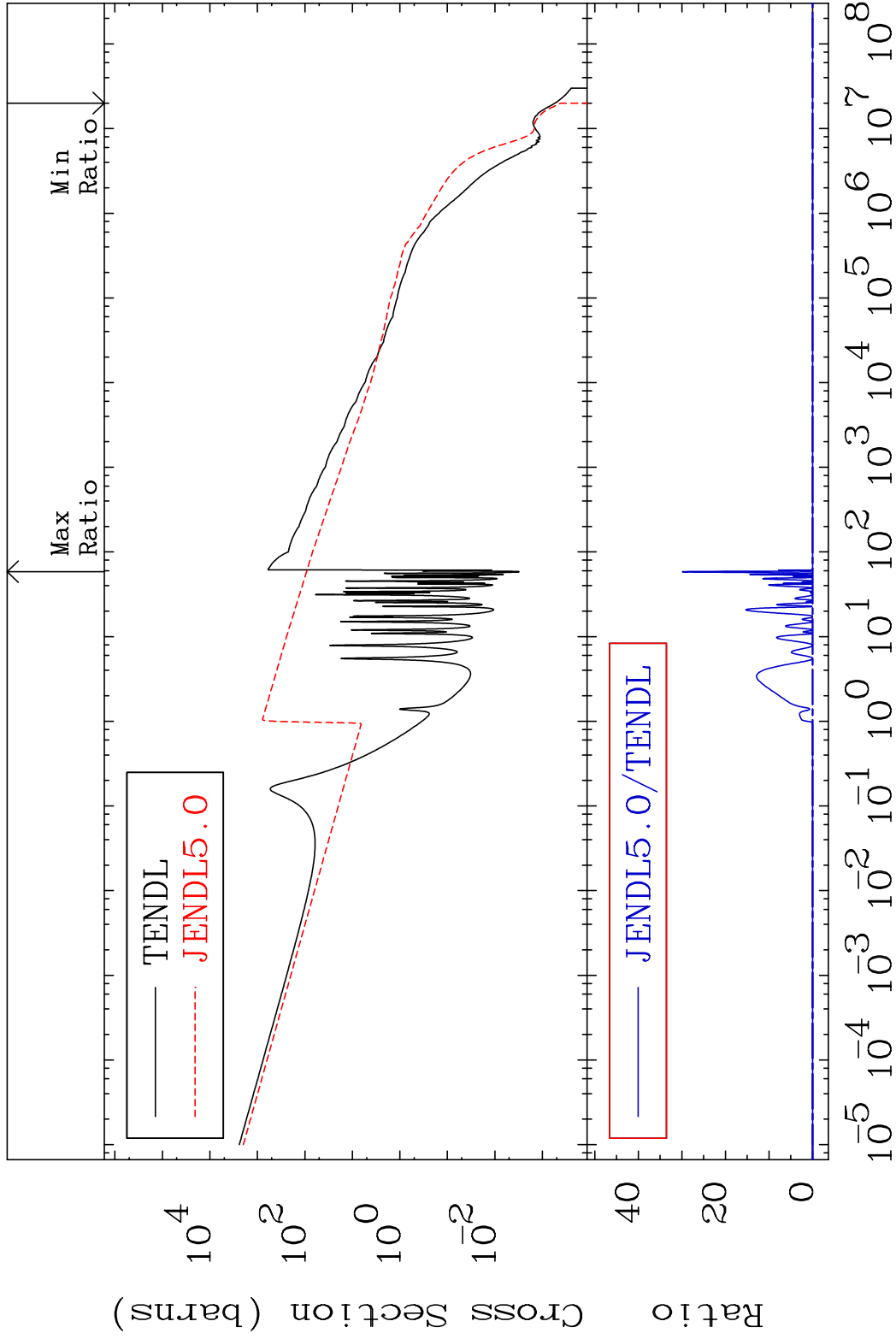
67-Ho-163

MAT 6719

(n, γ)

67-Ho-163

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

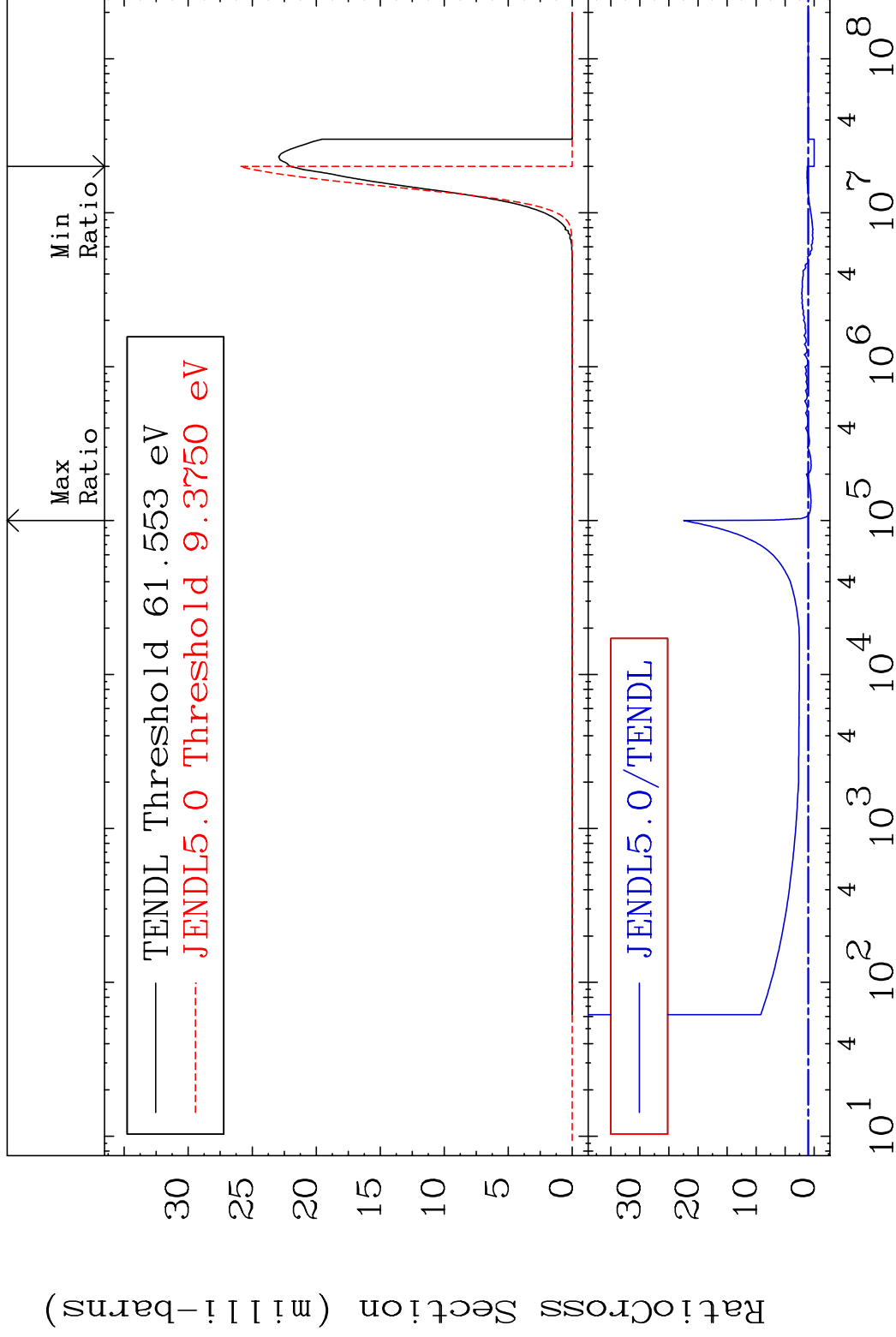
67-Ho-163

MAT 6719

(n, p)

67-Ho-163

Cross Section -100.0 To 2147. %



43

Incident Energy (eV)

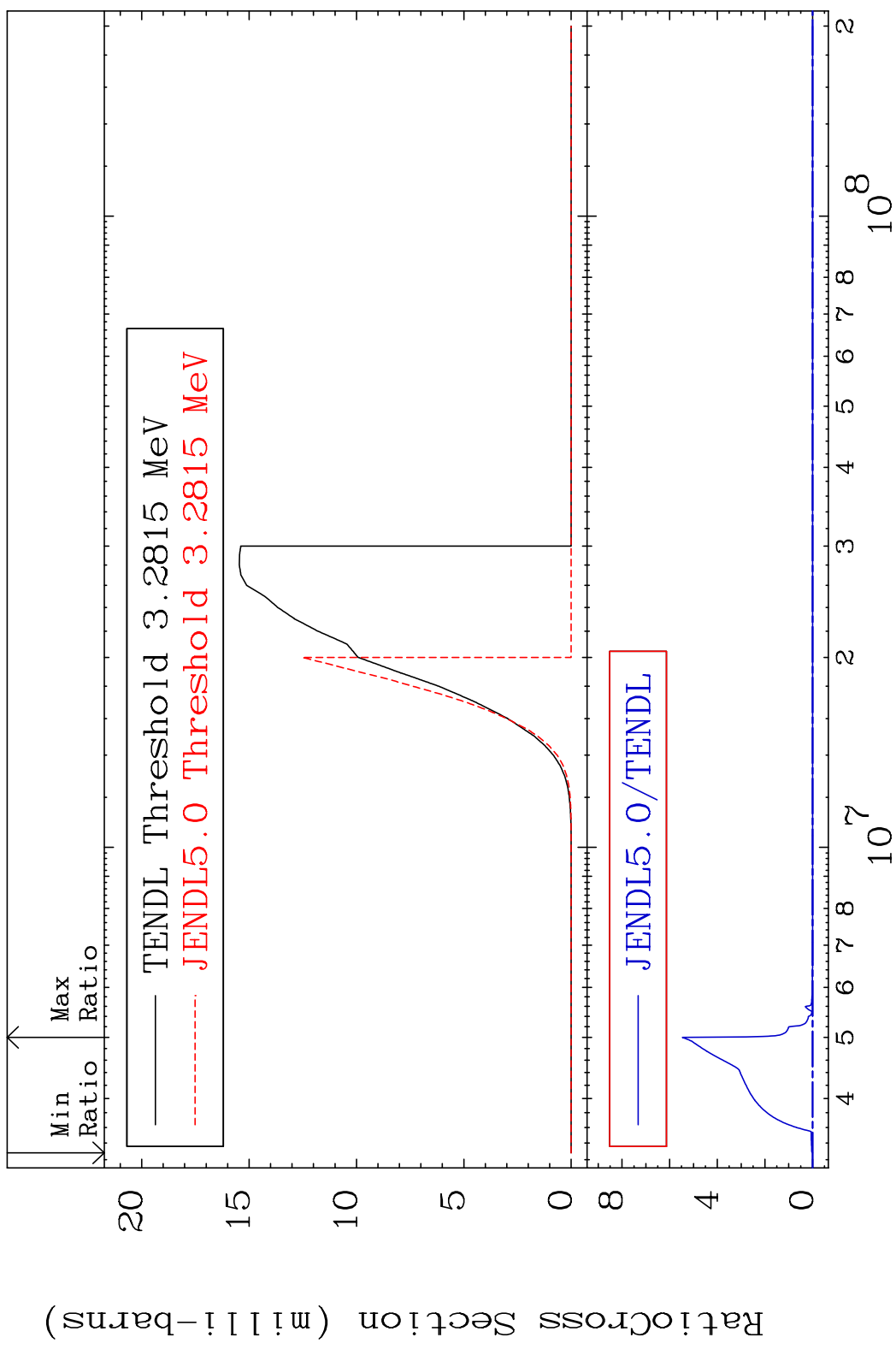
67-Ho-163

MAT 6719

(n,d)

67-Ho-163

Cross Section -100.0 To 9999. %

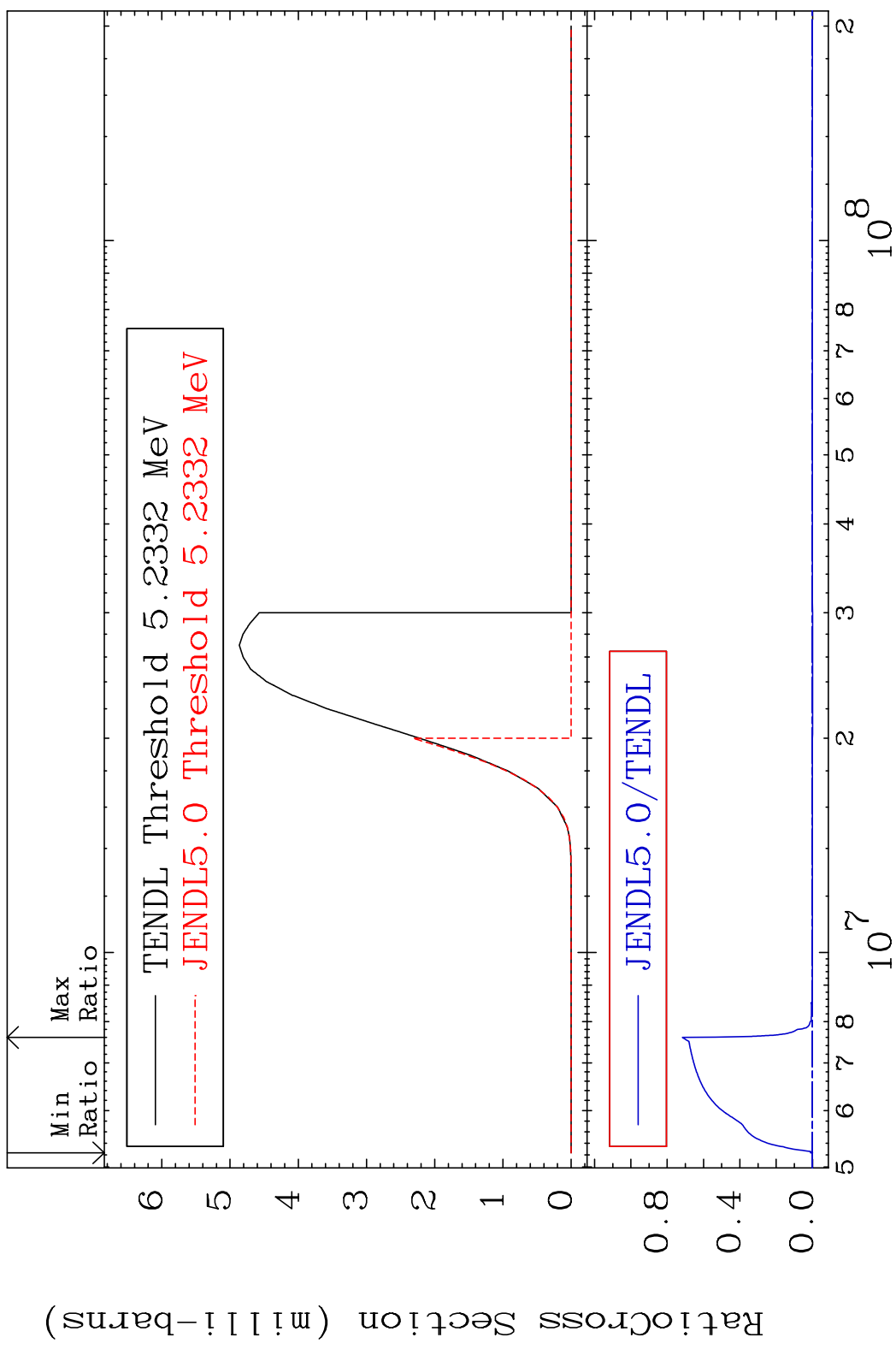


MAT 6719

(n, t)

67-Ho-163

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

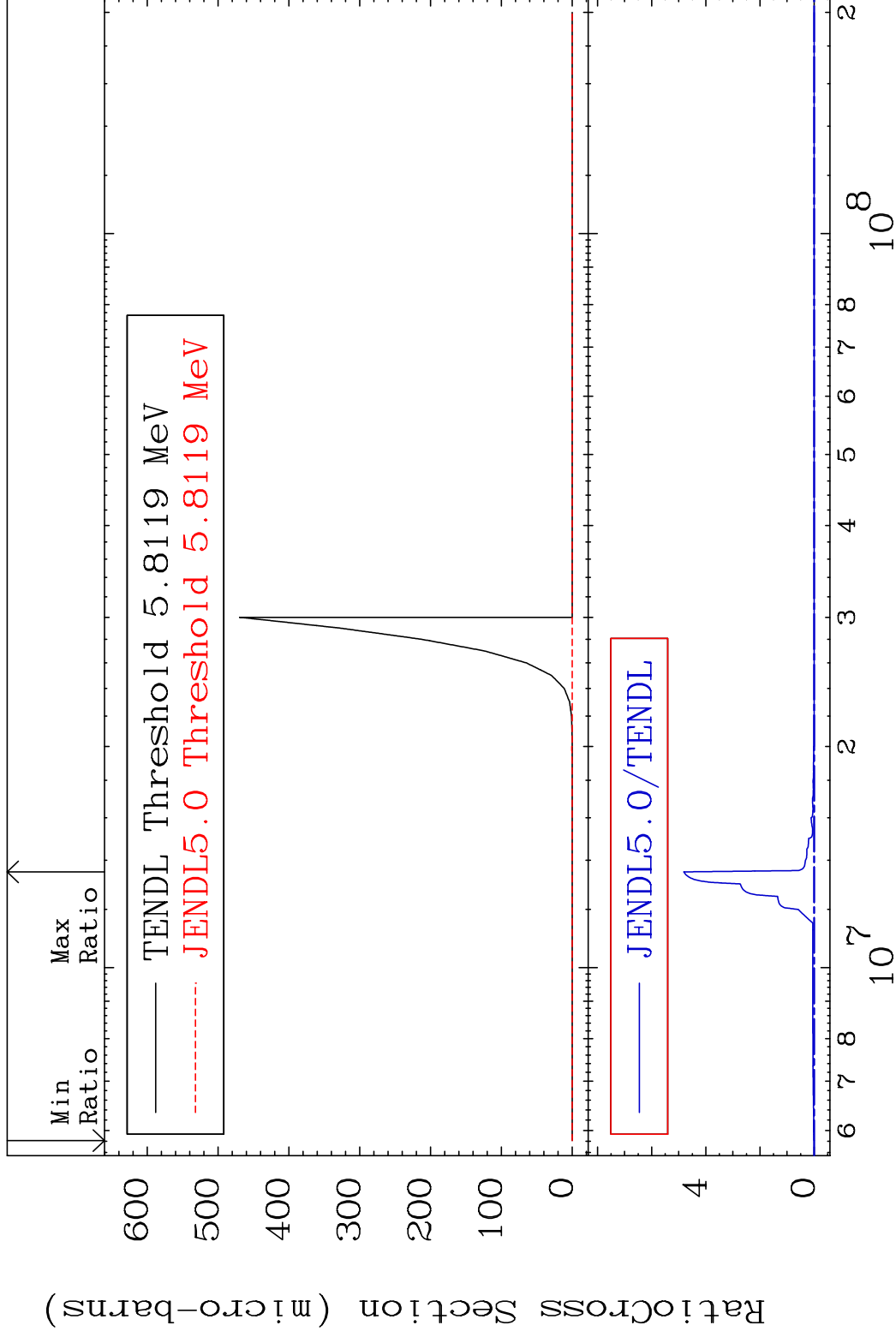
67-Ho-163

MAT 6719

(n, He-3)

67-Ho-163

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

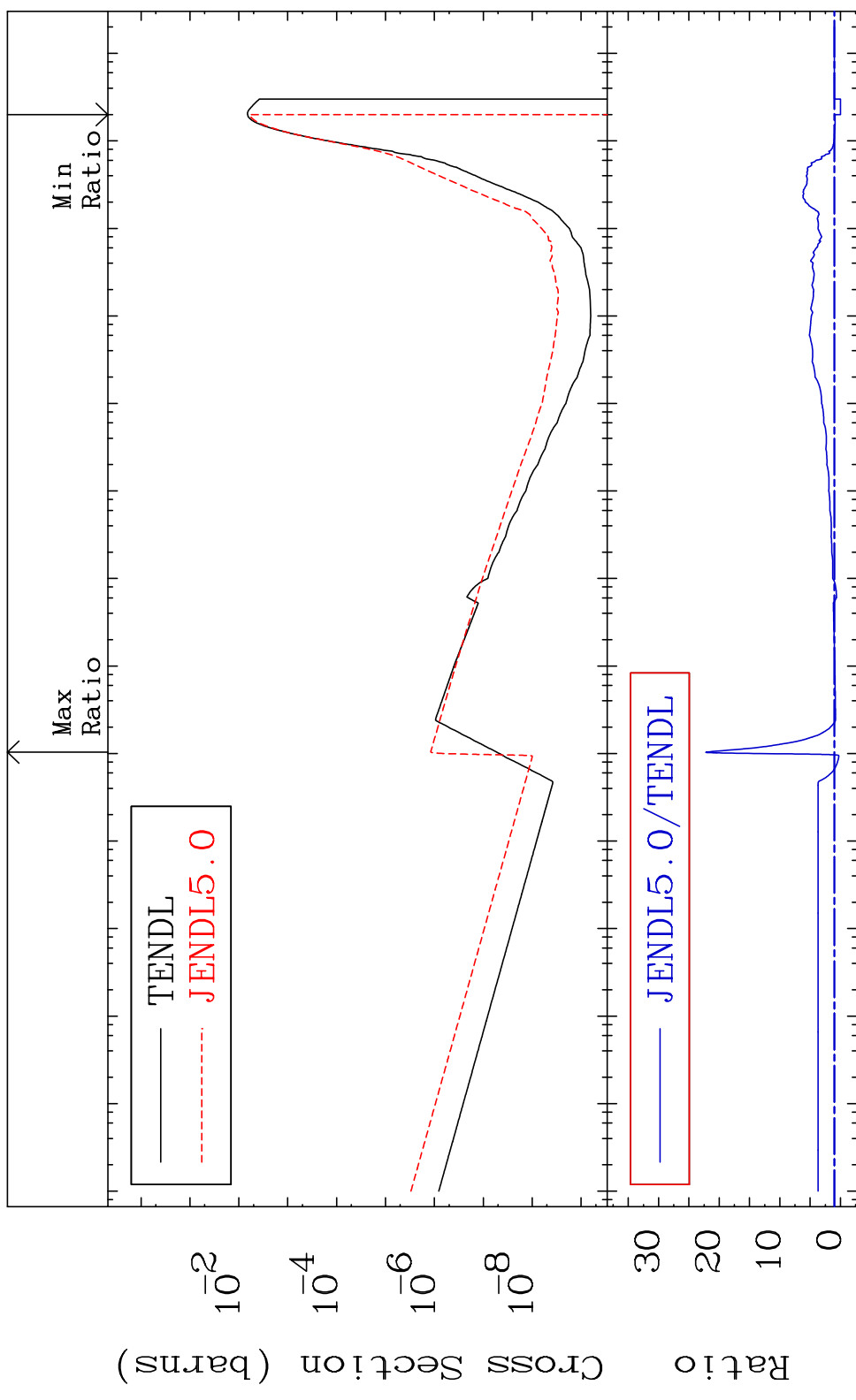
67-Ho-163

MAT 6719

(n, α)

67-Ho-163

Cross Section -100.0 To 2122. %

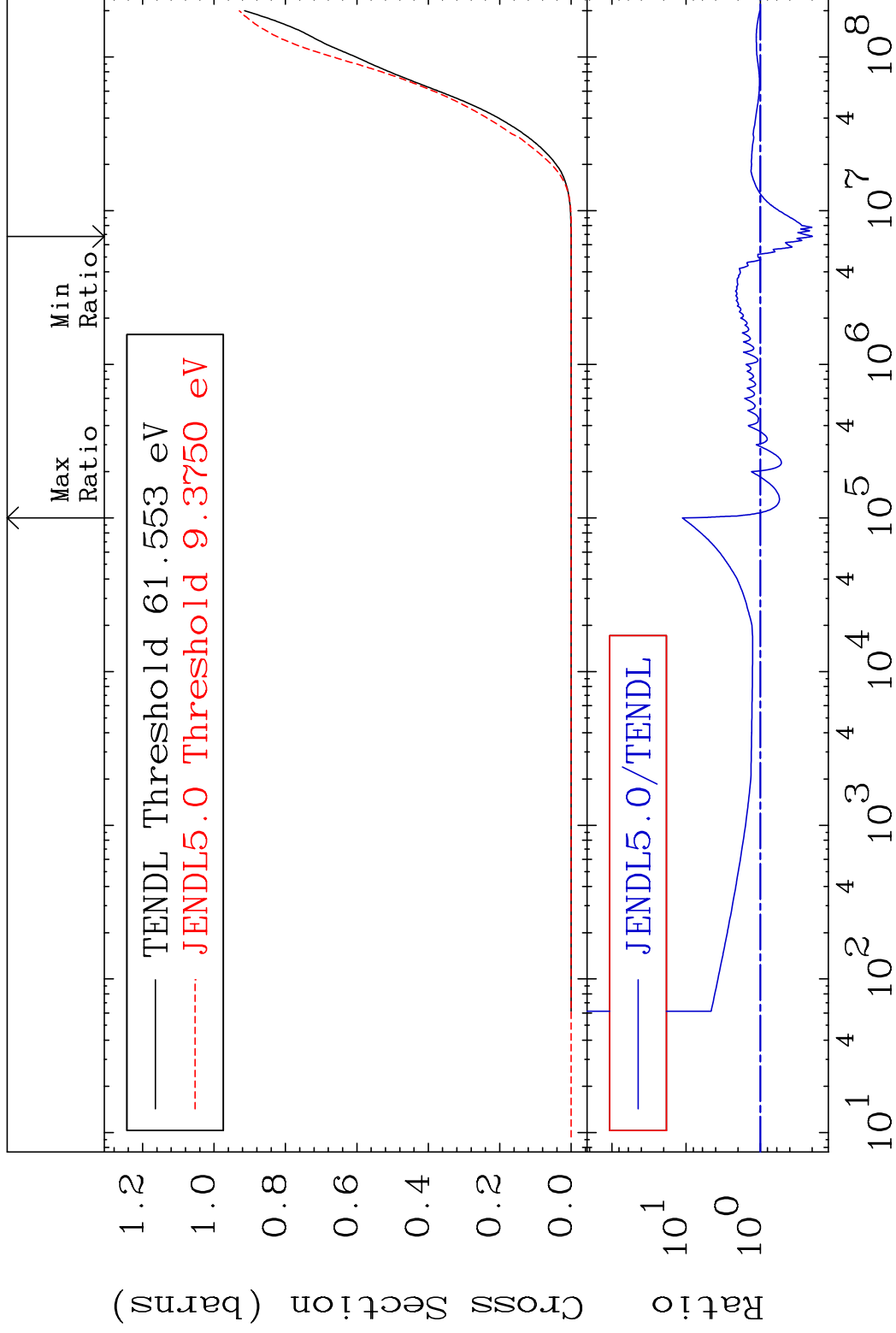


47

Incident Energy (eV)

67-Ho-163

Cross Section -80.23 To 1023. %

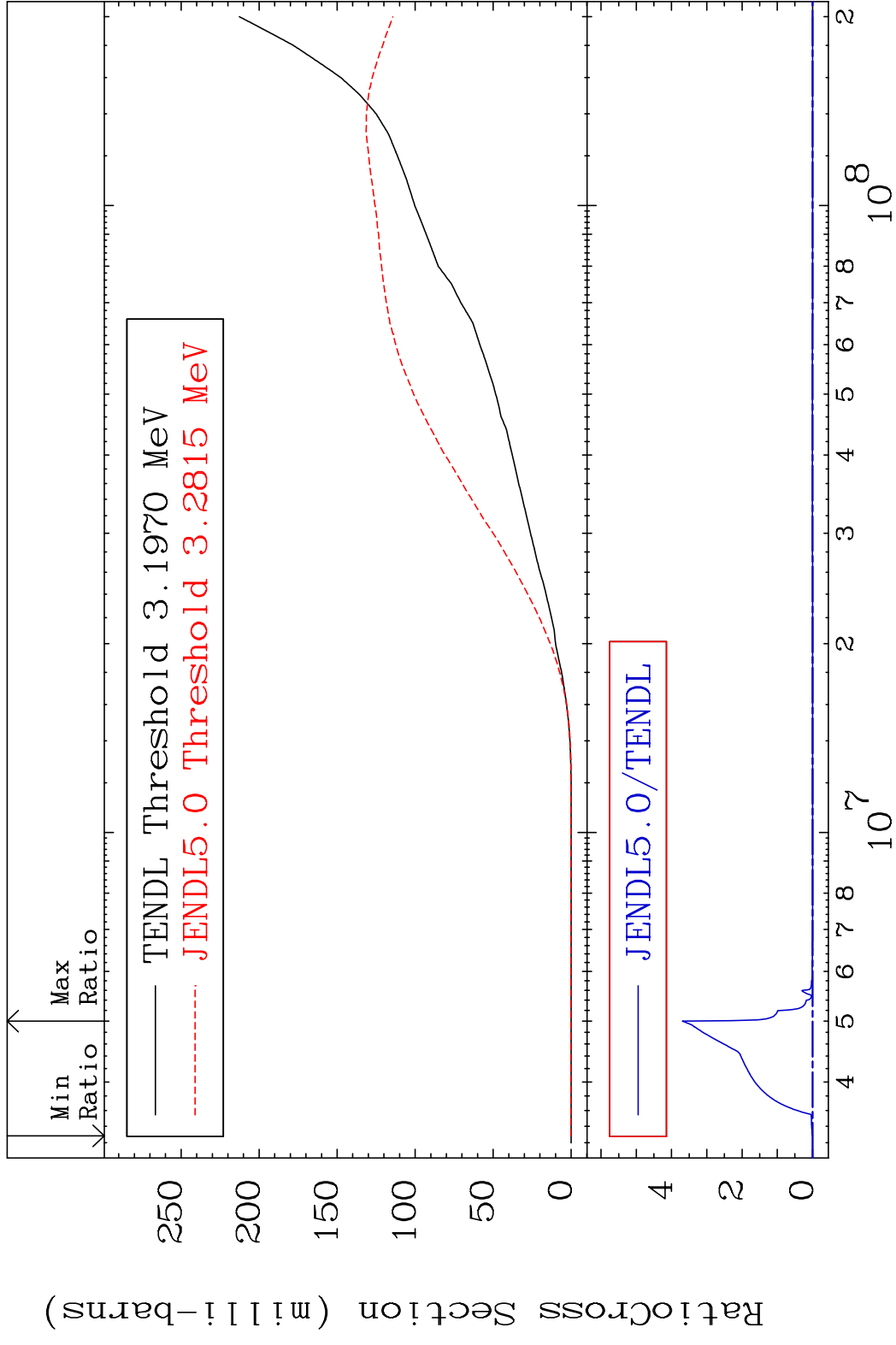


MAT 6719

Deuterium Production

67-Ho-163

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

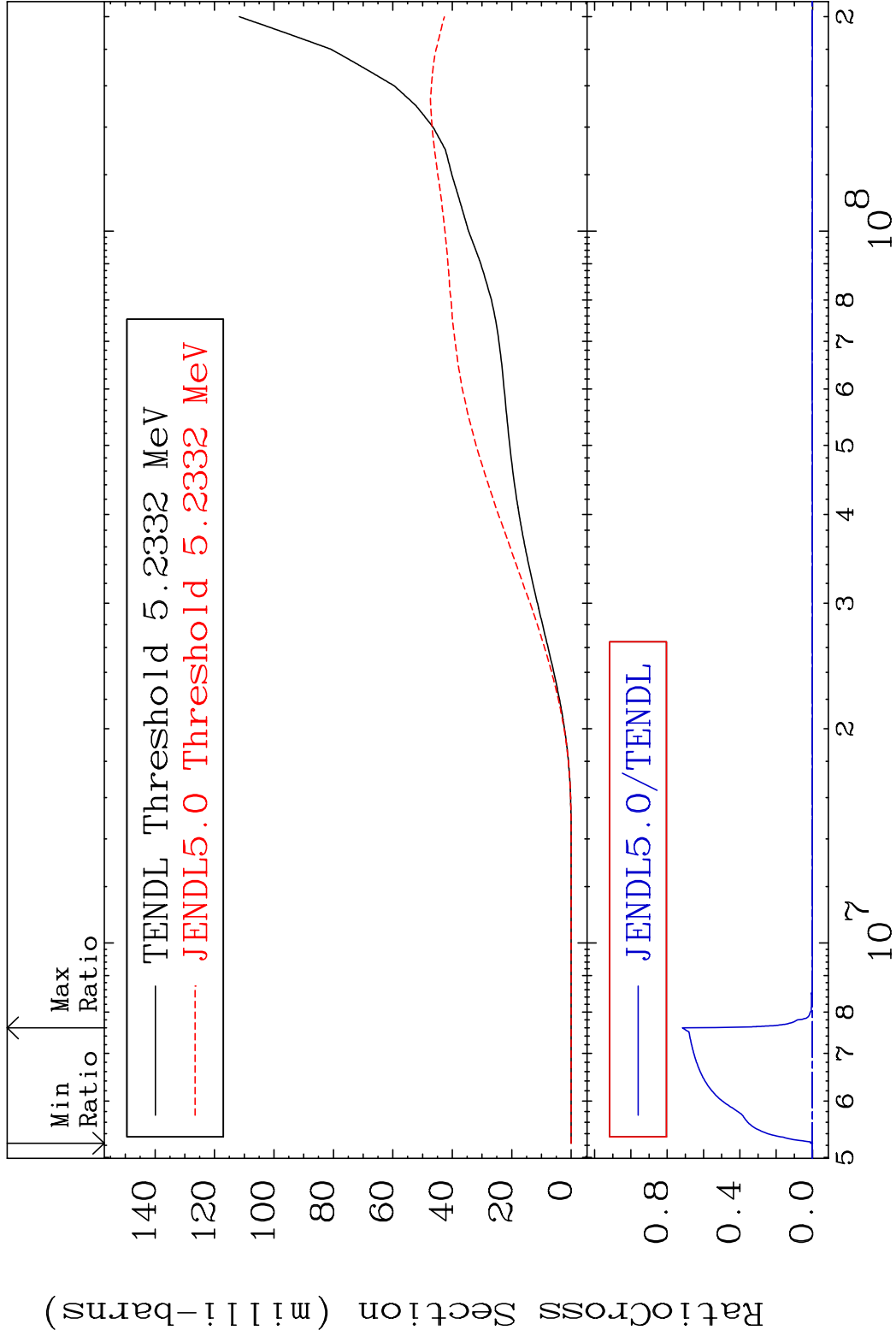
67-Ho-163

MAT 6719

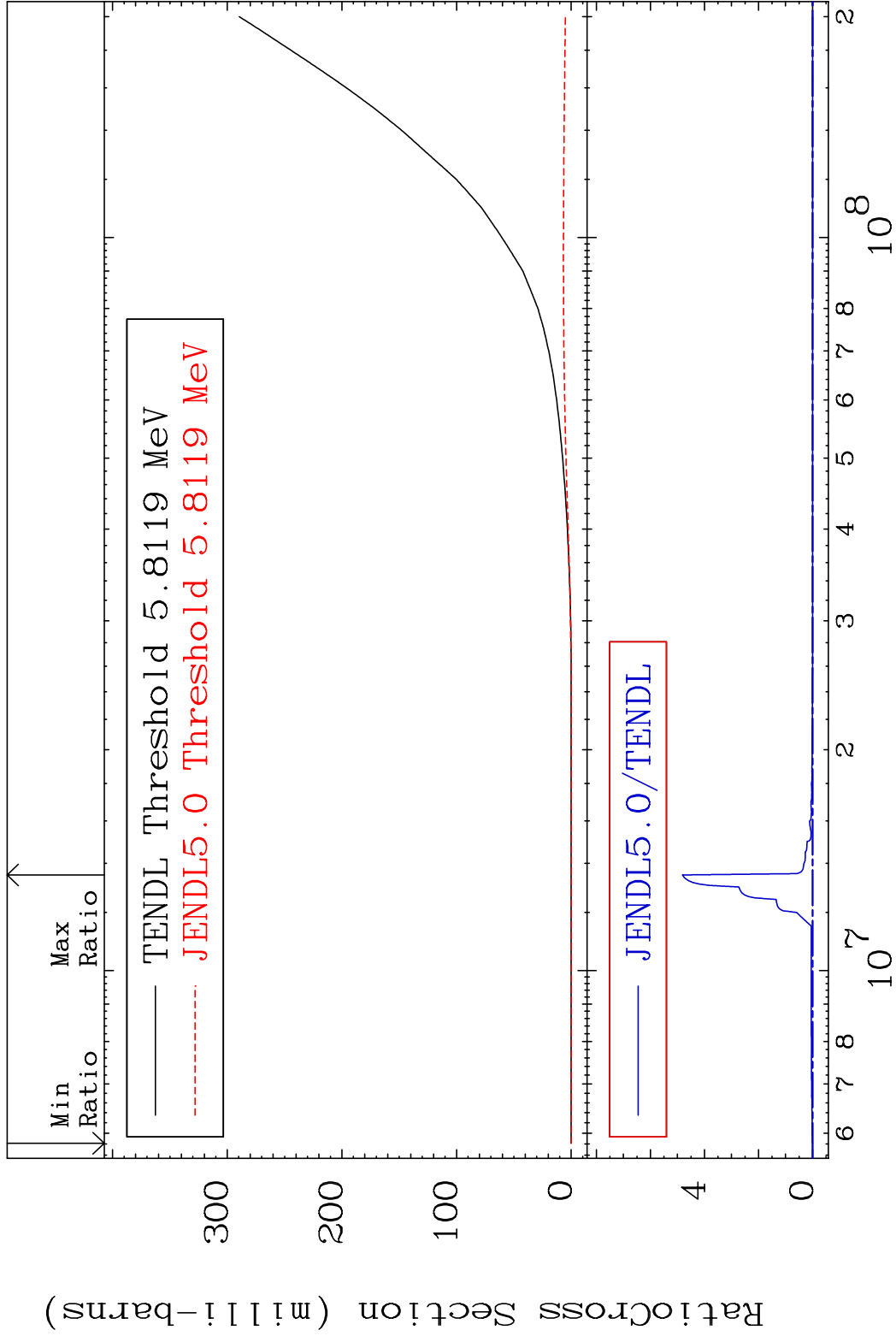
Tritium Production

67-Ho-163

Cross Section -100.0 To 9999. %



Cross Section -100.0 To 9999. %

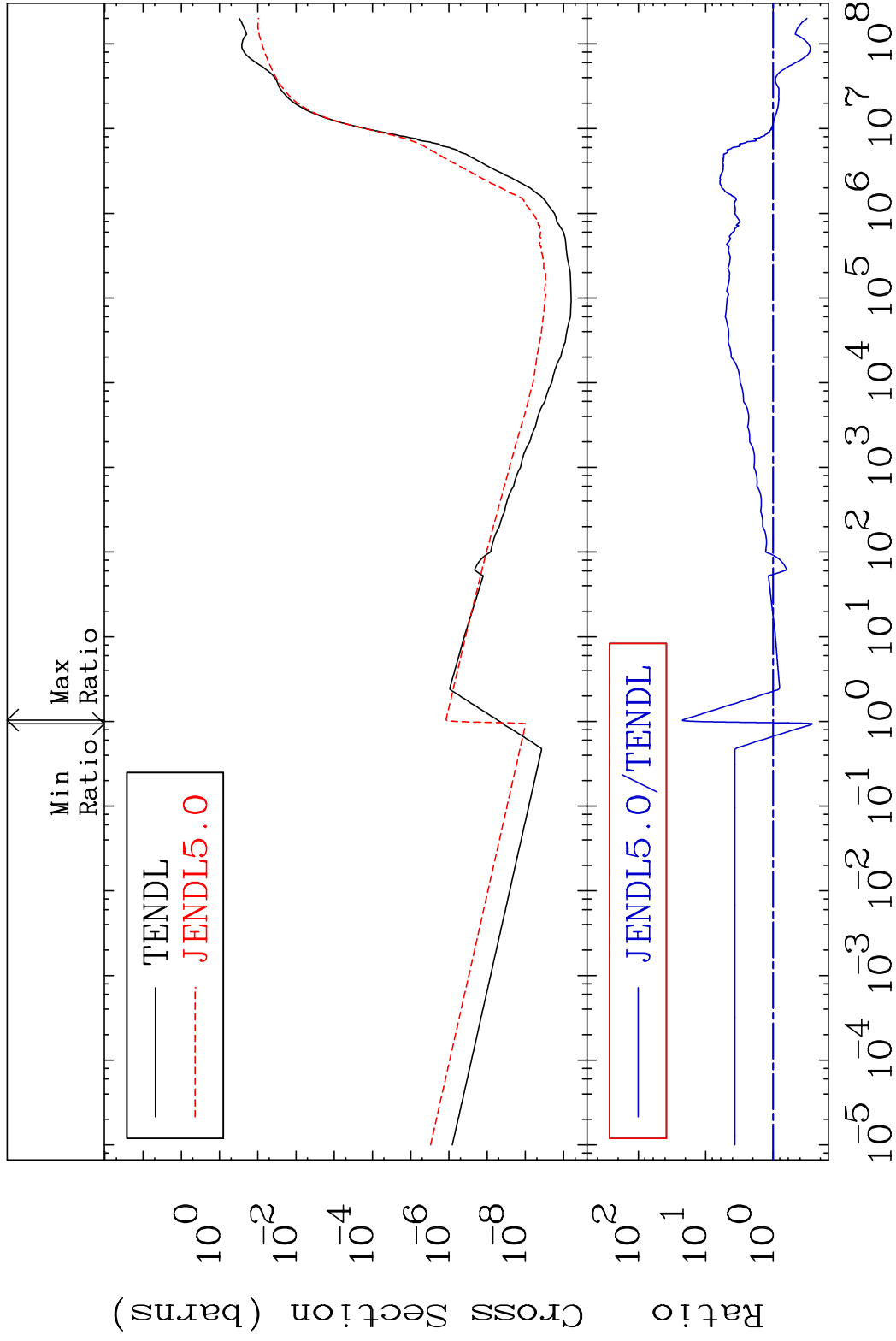


MAT 6719

He-4 Production

67-Ho-163

Cross Section -73.88 To 2122. %

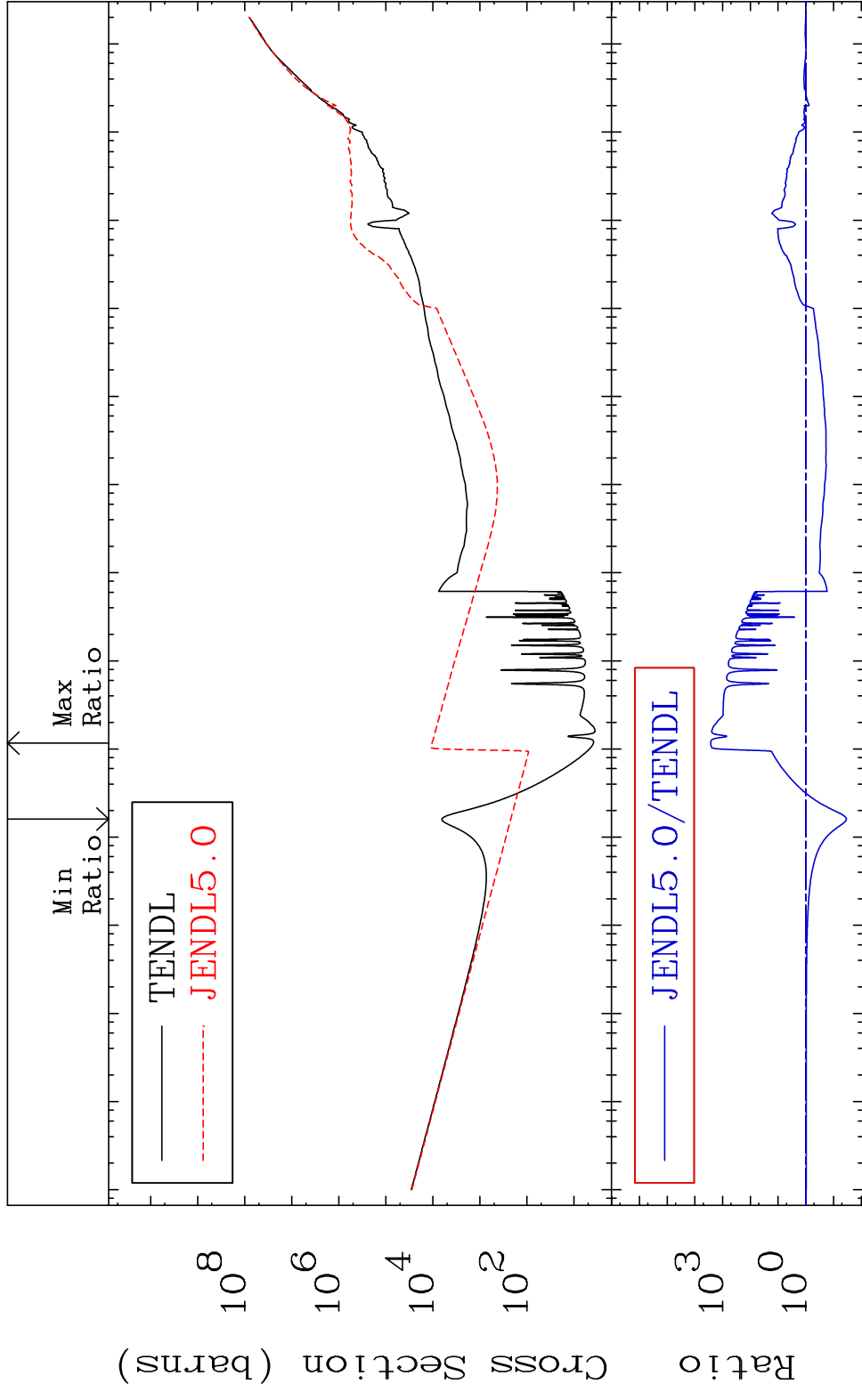


52

Incident Energy (eV)

67-Ho-163

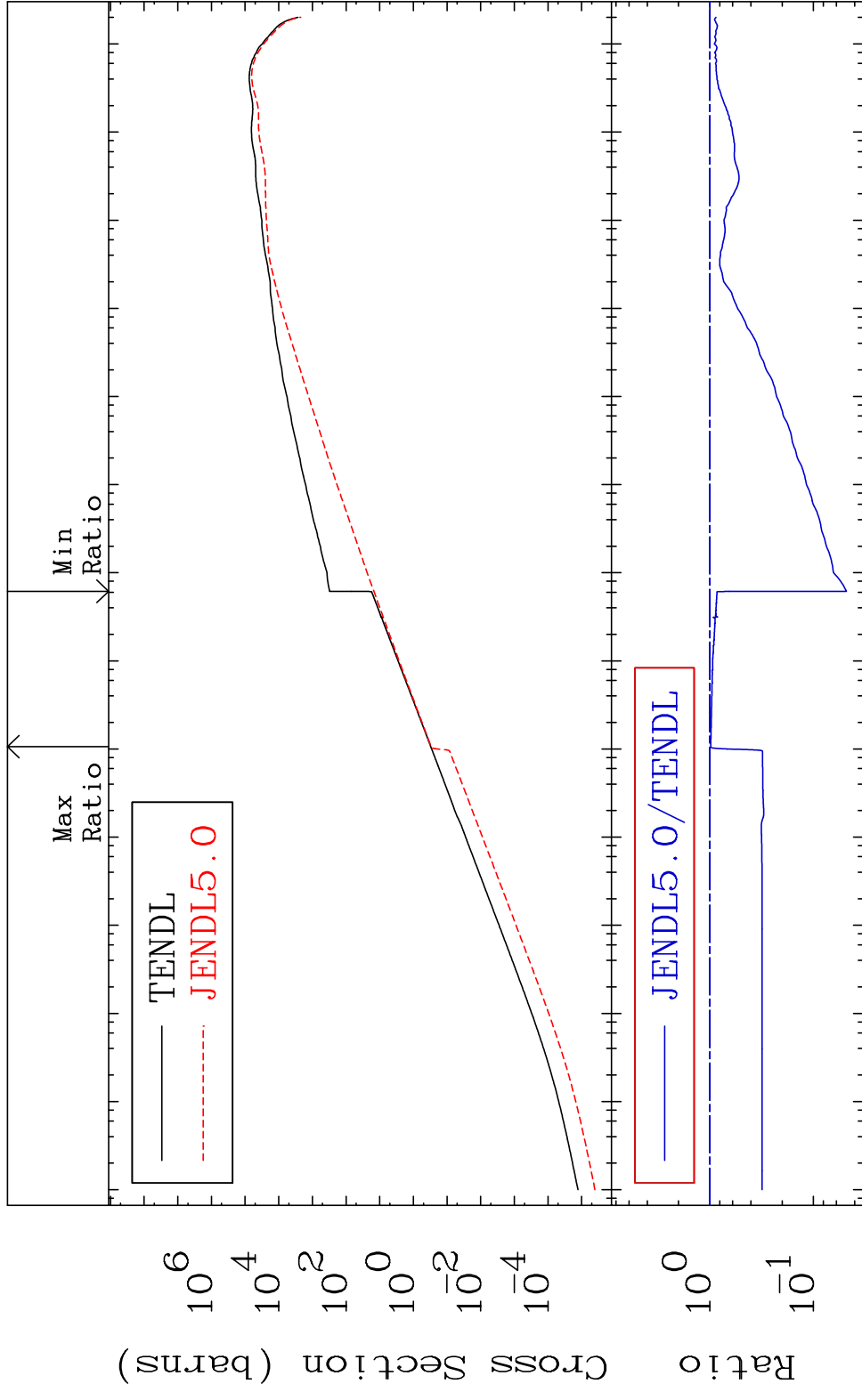
MAT 6719 Kerma total (eV-barns) 67-Ho-163
 Cross Section -96.55 To 9999. %



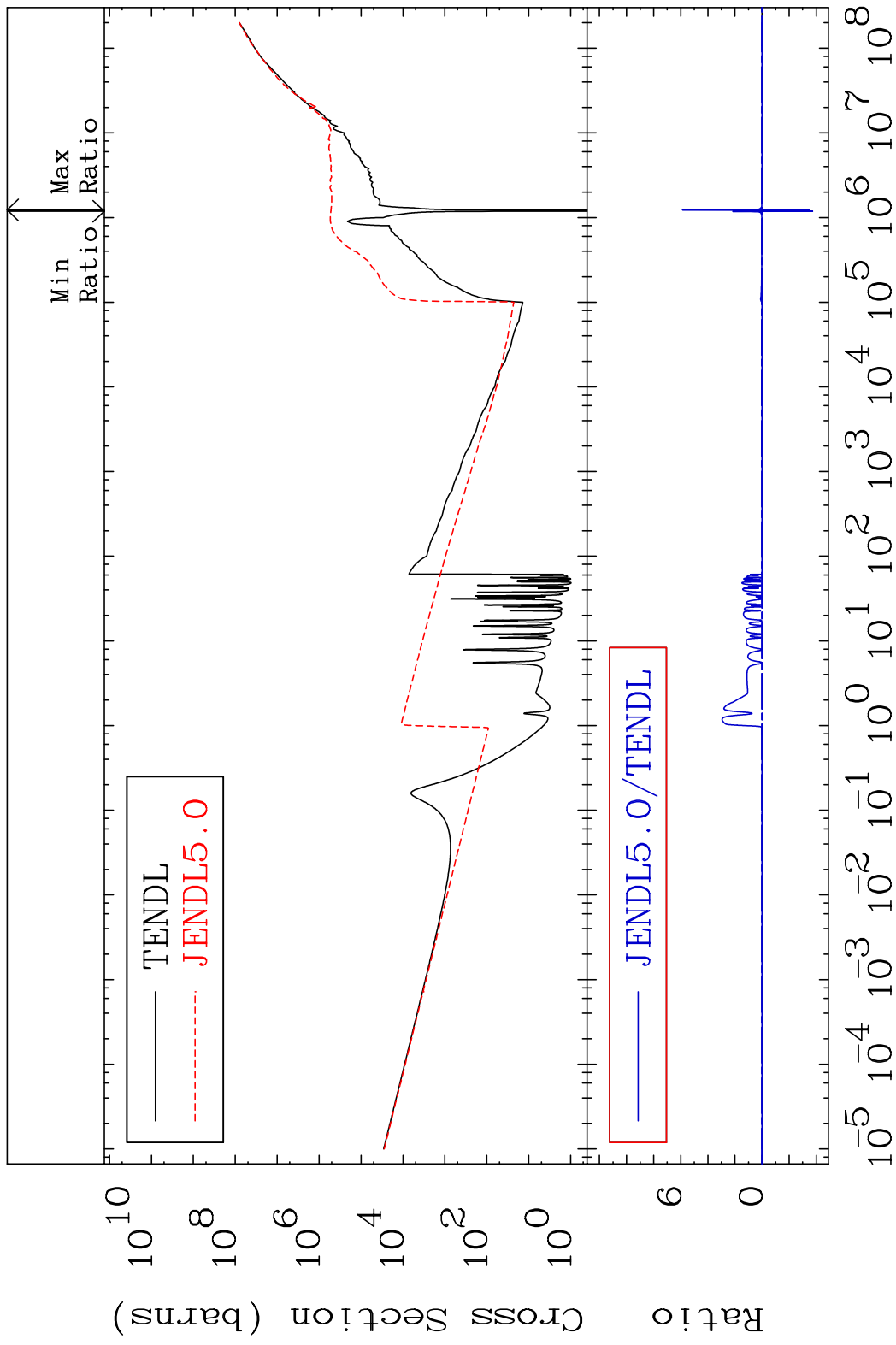
MAT 6719

Kerma elastic Cross Section -95.19 To -2.232%

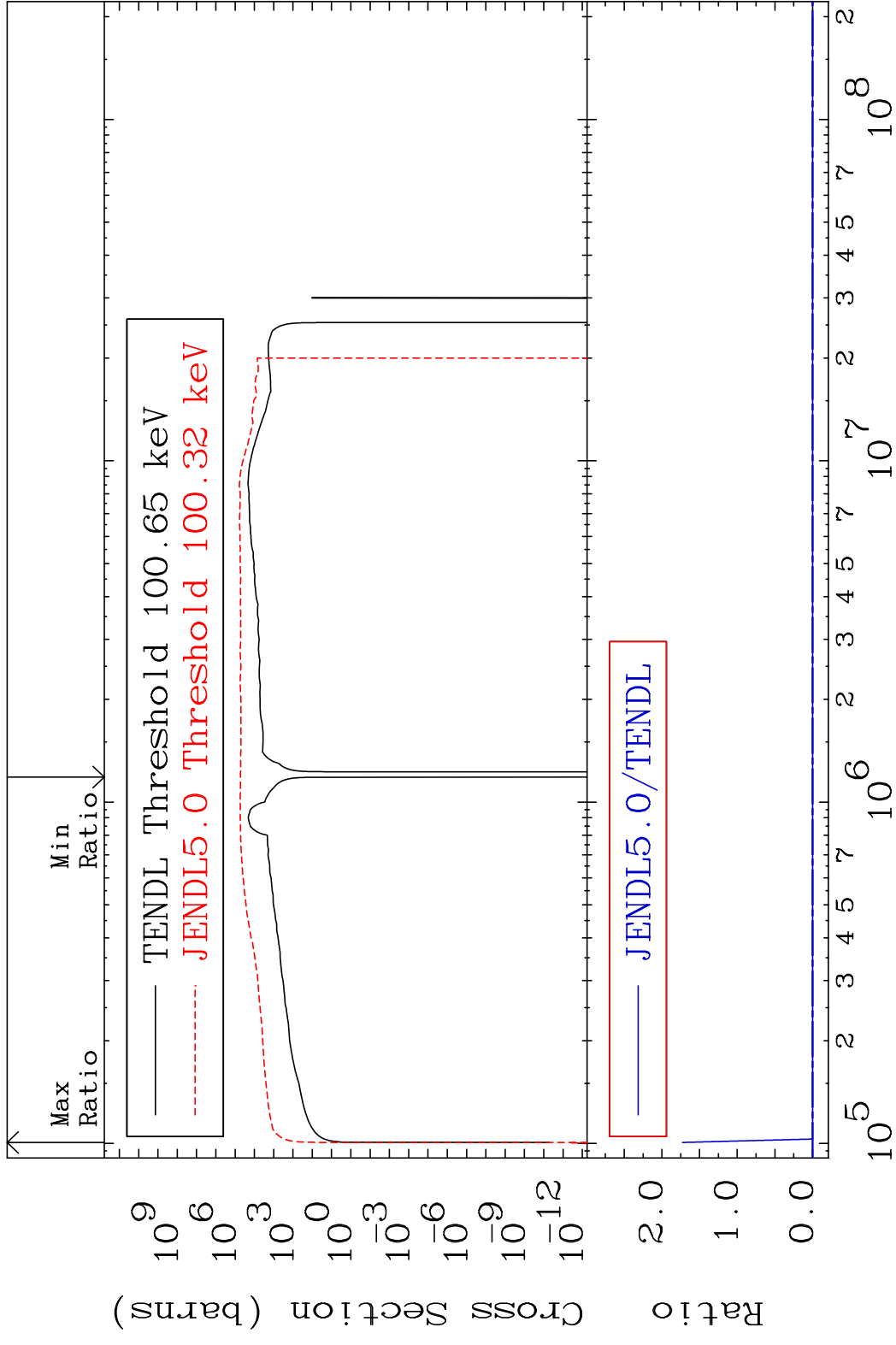
67-Ho-163



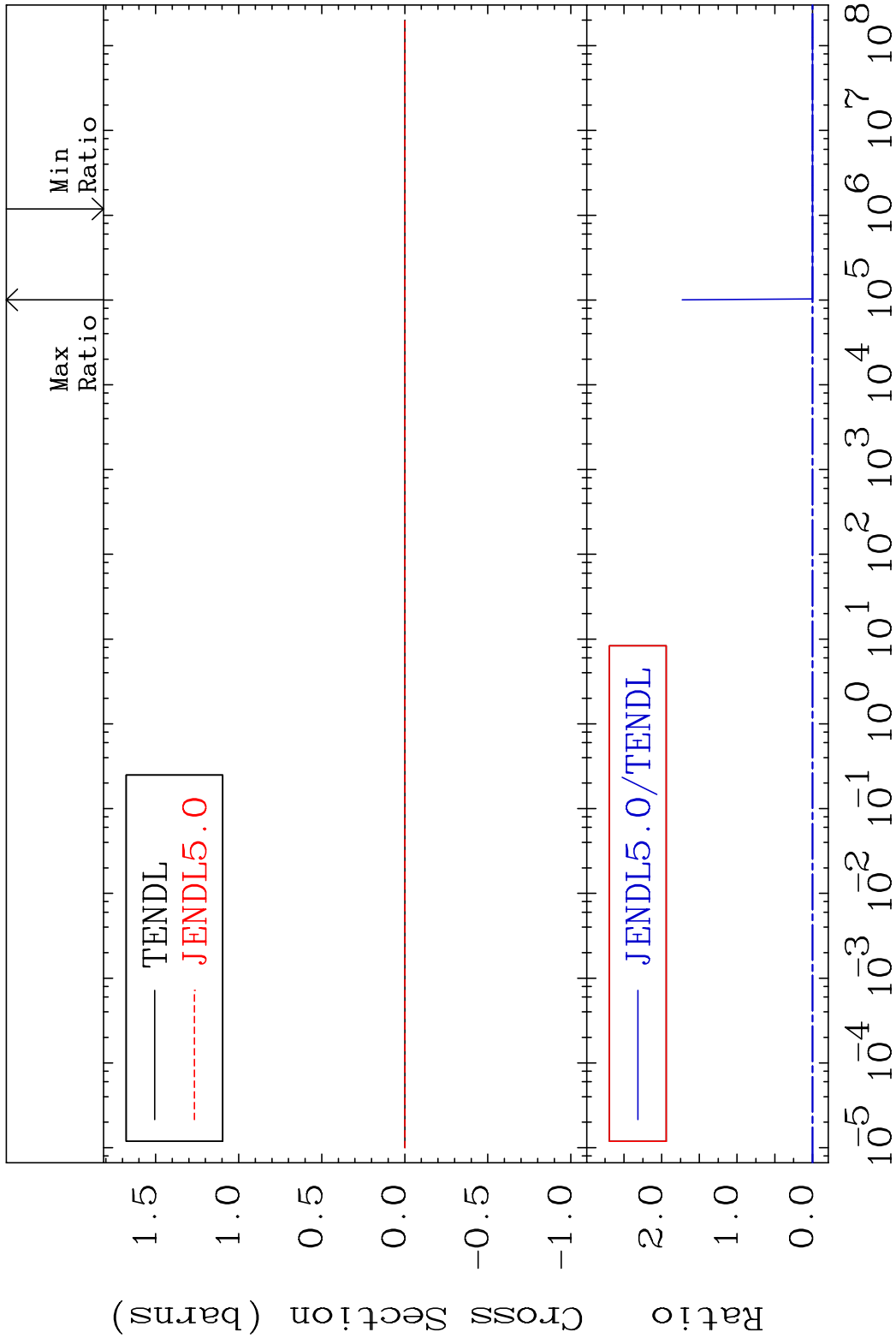
MAT 6719 Kerma non-elastic (all but mt2) 67-Ho-163
 Cross Section -9999. To 9999. %



MAT 6719 Kerma inelastic (mt51-91) 67-Ho-163
 Cross Section -9999. To 9999. %



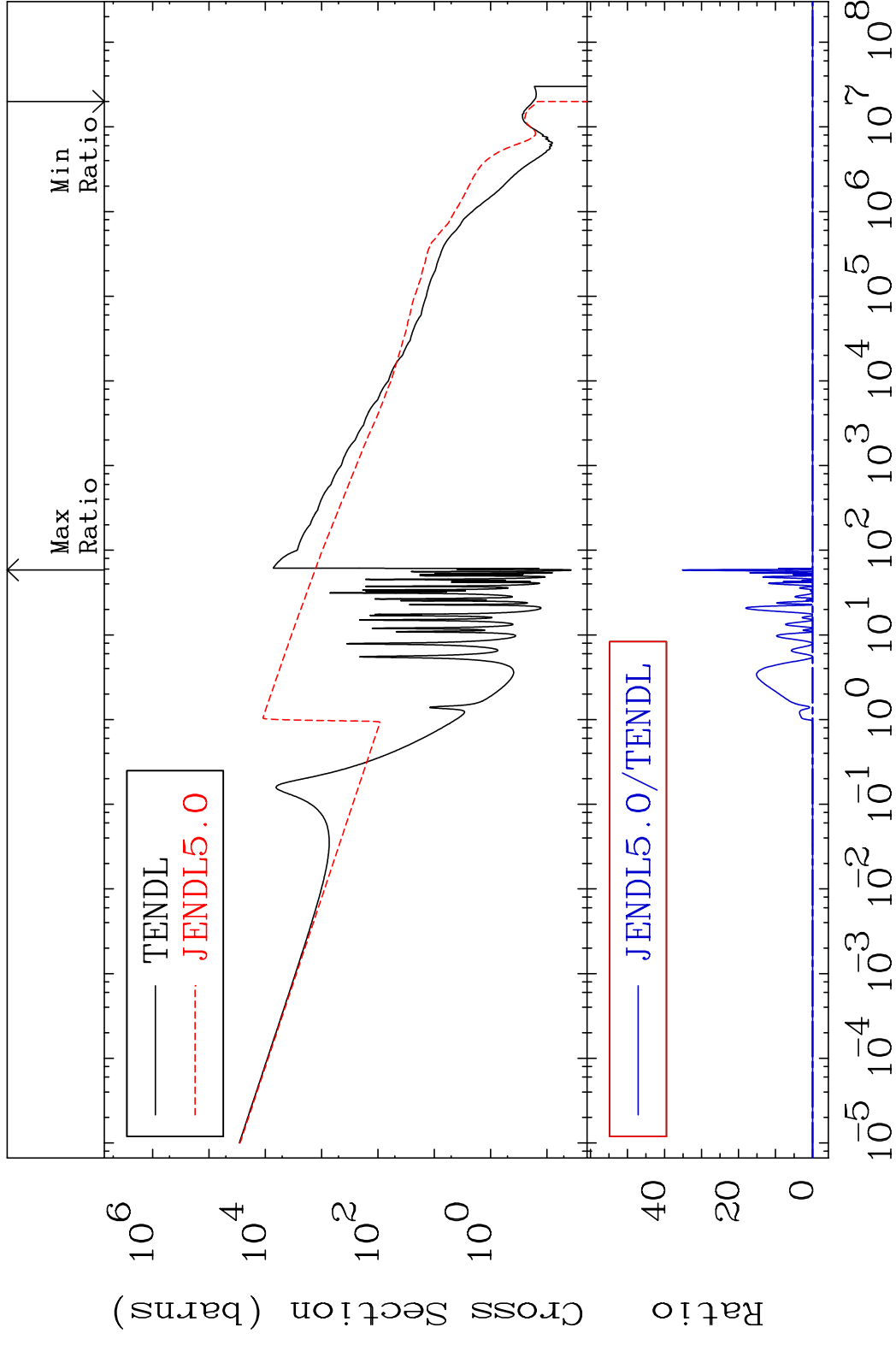
MAT 6719 Kerma fission (mt18 or mt19-20-21-38) 67-Ho-163
 Cross Section -9999. To 9999. %



MAT 6719

Kerma capture (mt102) 67-Ho-163

Cross Section -100.0 To 9999. %



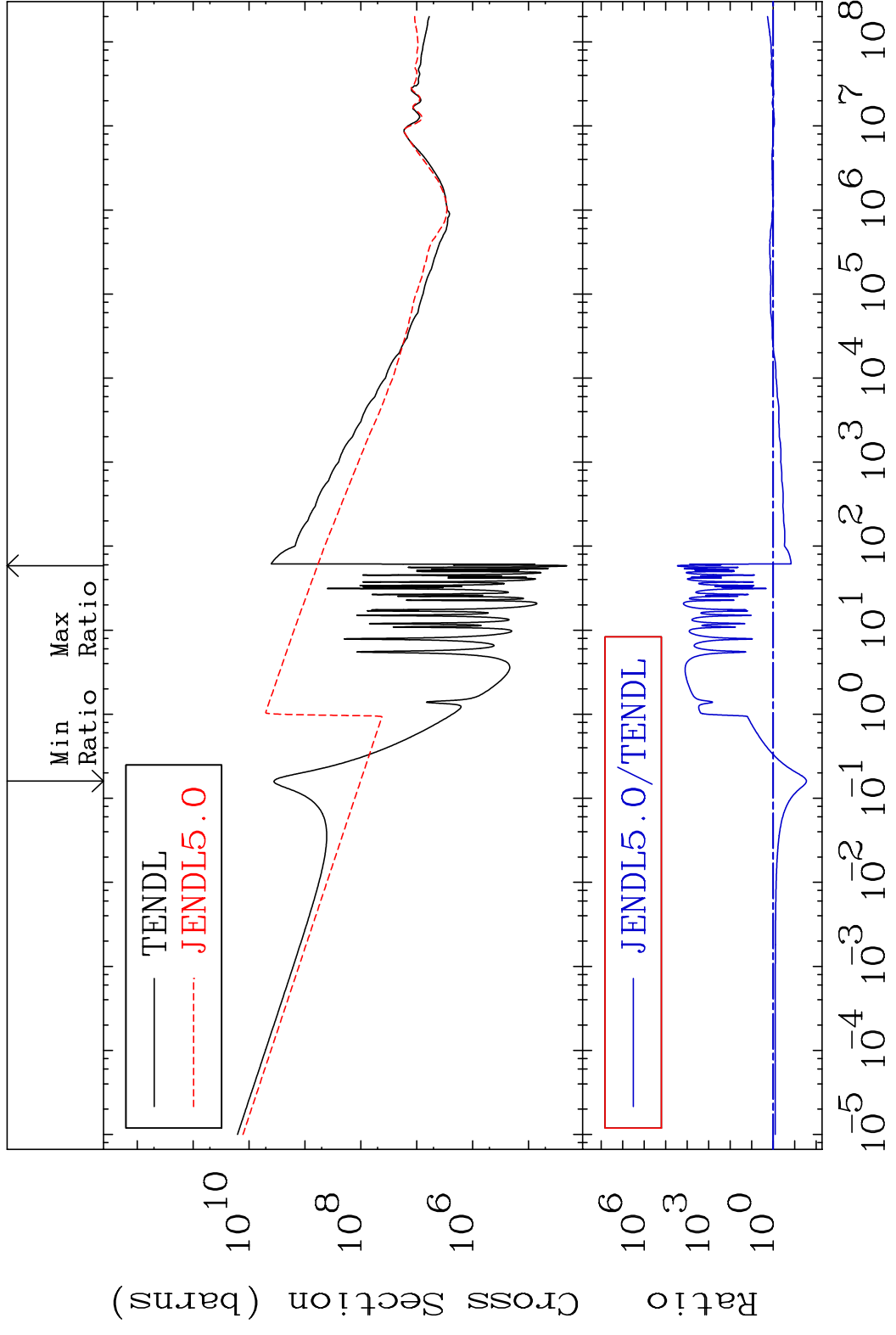
58

Incident Energy (eV)

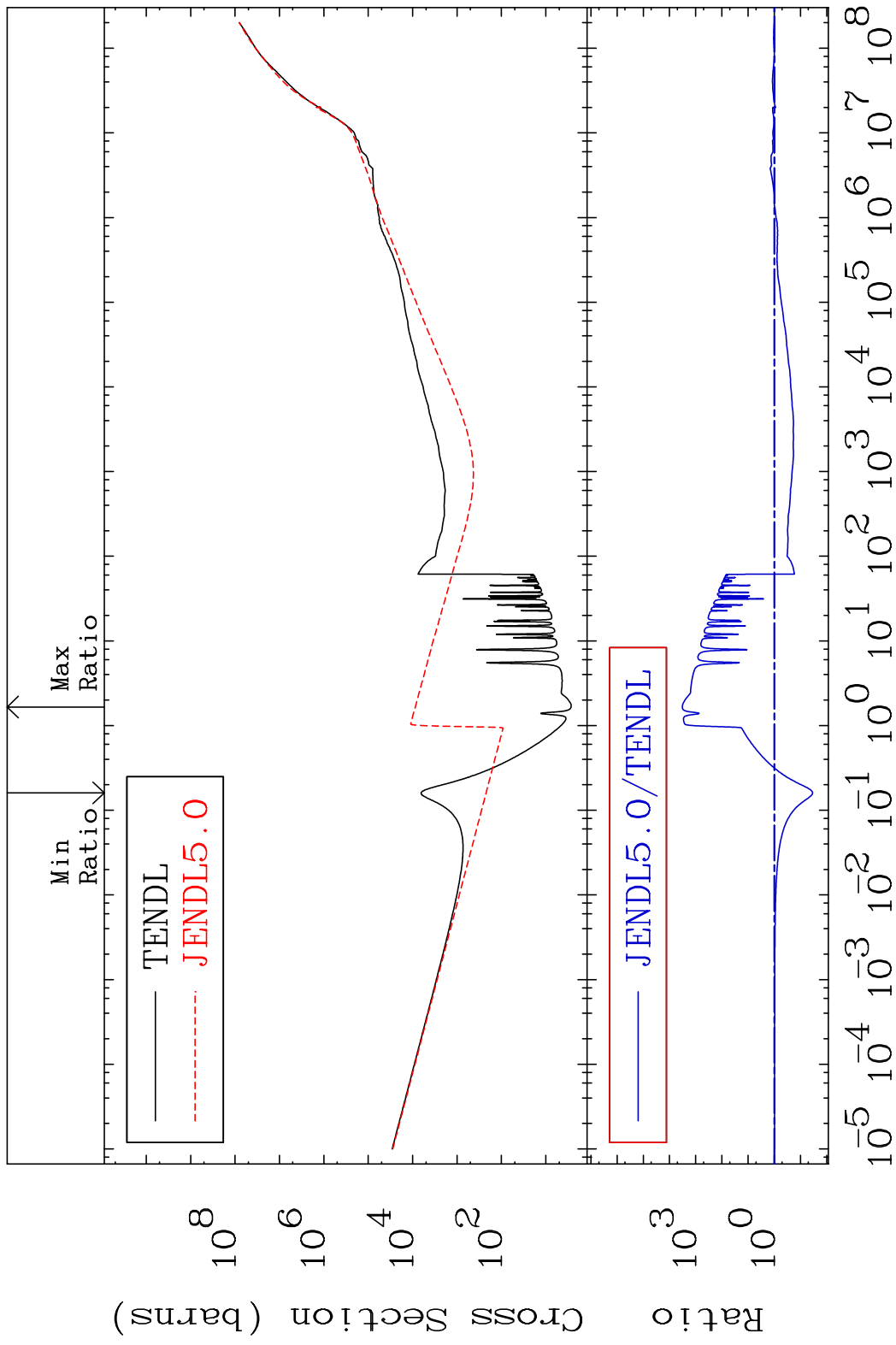
67-Ho-163

MAT 6719

Total photon (eV-barns) 67-Ho-163
Cross Section -97.17 To 9999. %



MAT 6719 Total kinematic kerma (high limit) 67-Ho-163
Cross Section -96.55 To 9999. %

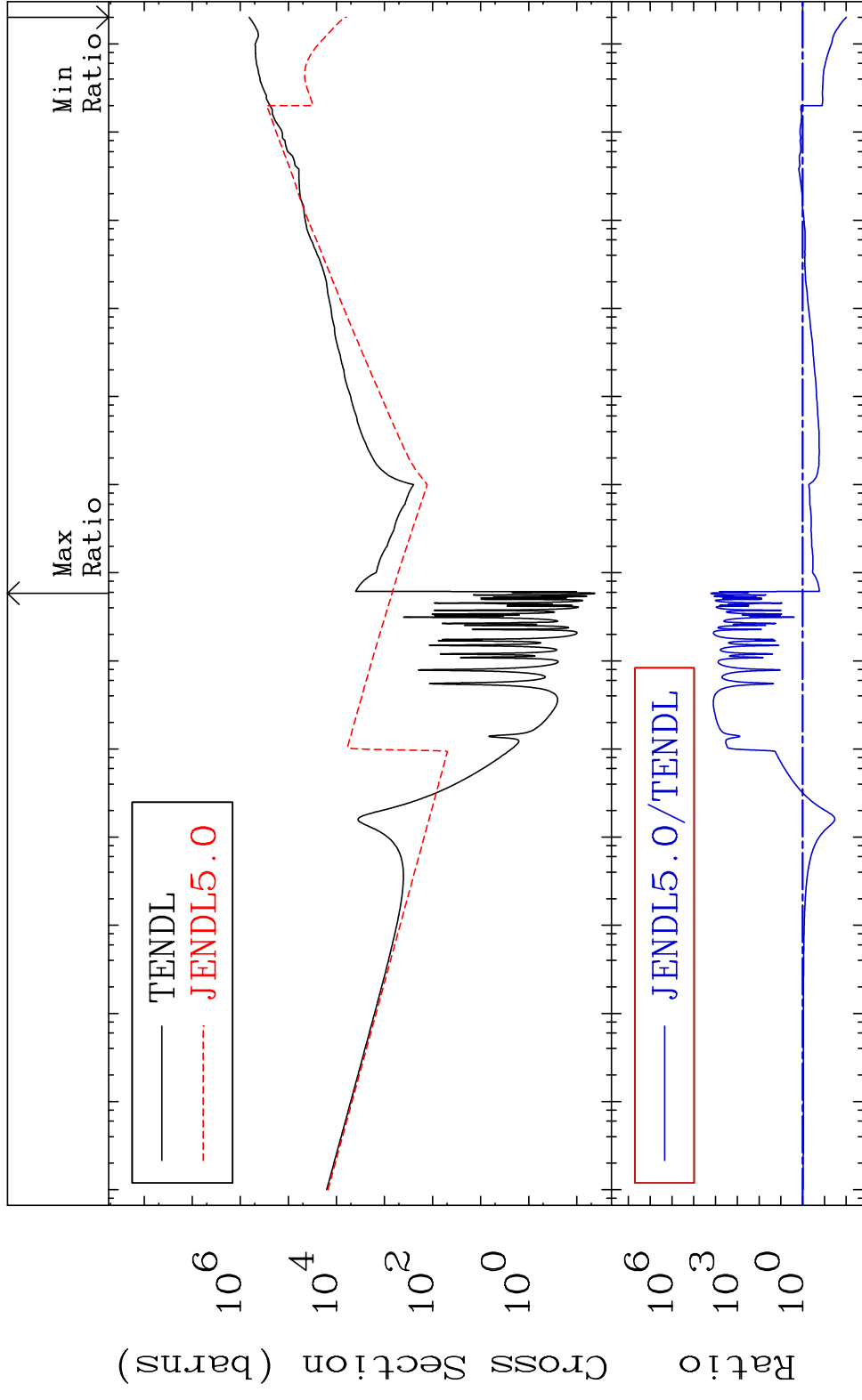


MAT 6719

Dpa total (eV-barns)

67-Ho-163

Cross Section -99.01 To 9999. %



61

Incident Energy (eV)

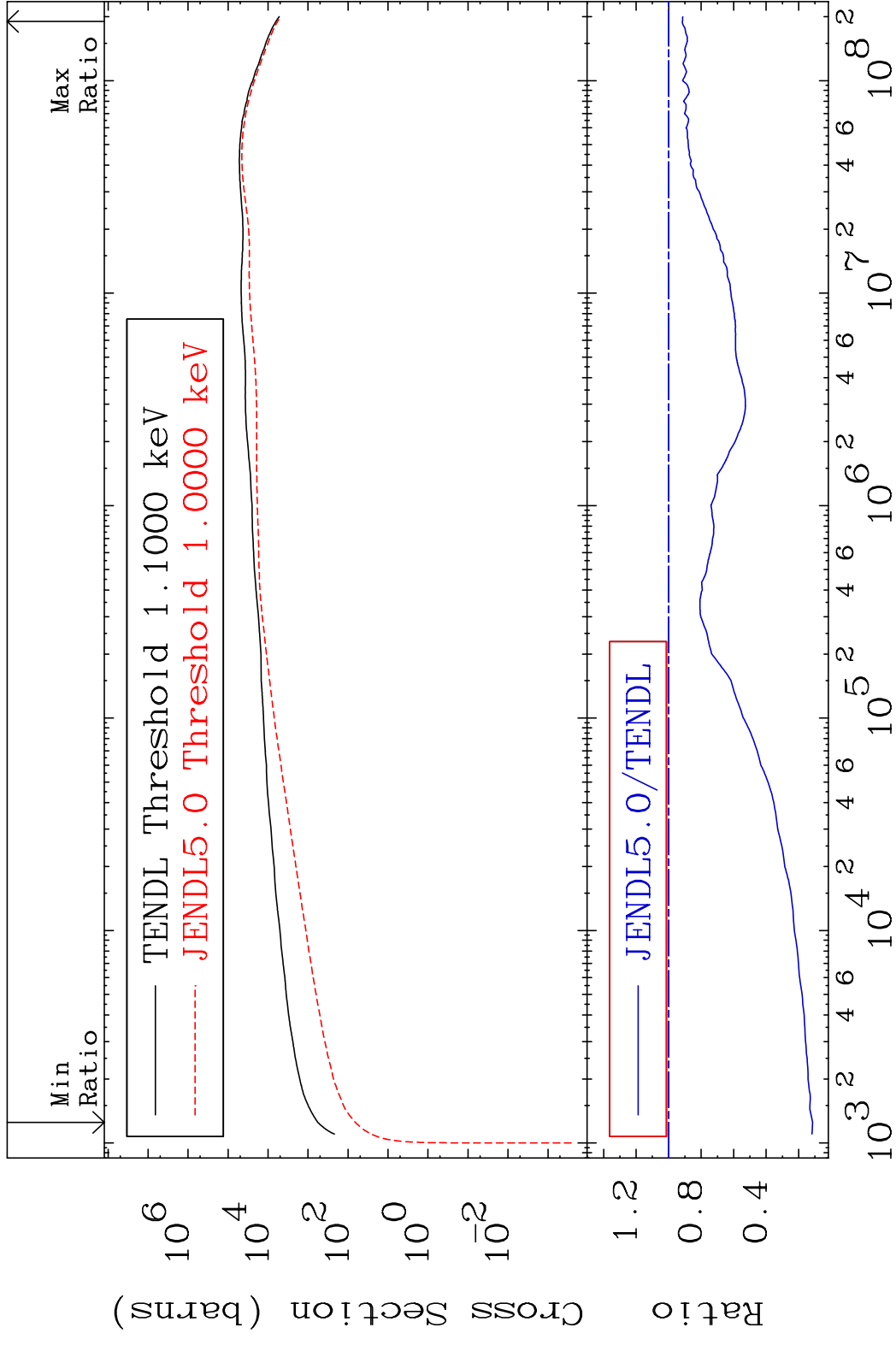
67-Ho-163

MAT 6719

Dpa elastic (mt2)

67-Ho-163

Cross Section -88.53 To -8.433%

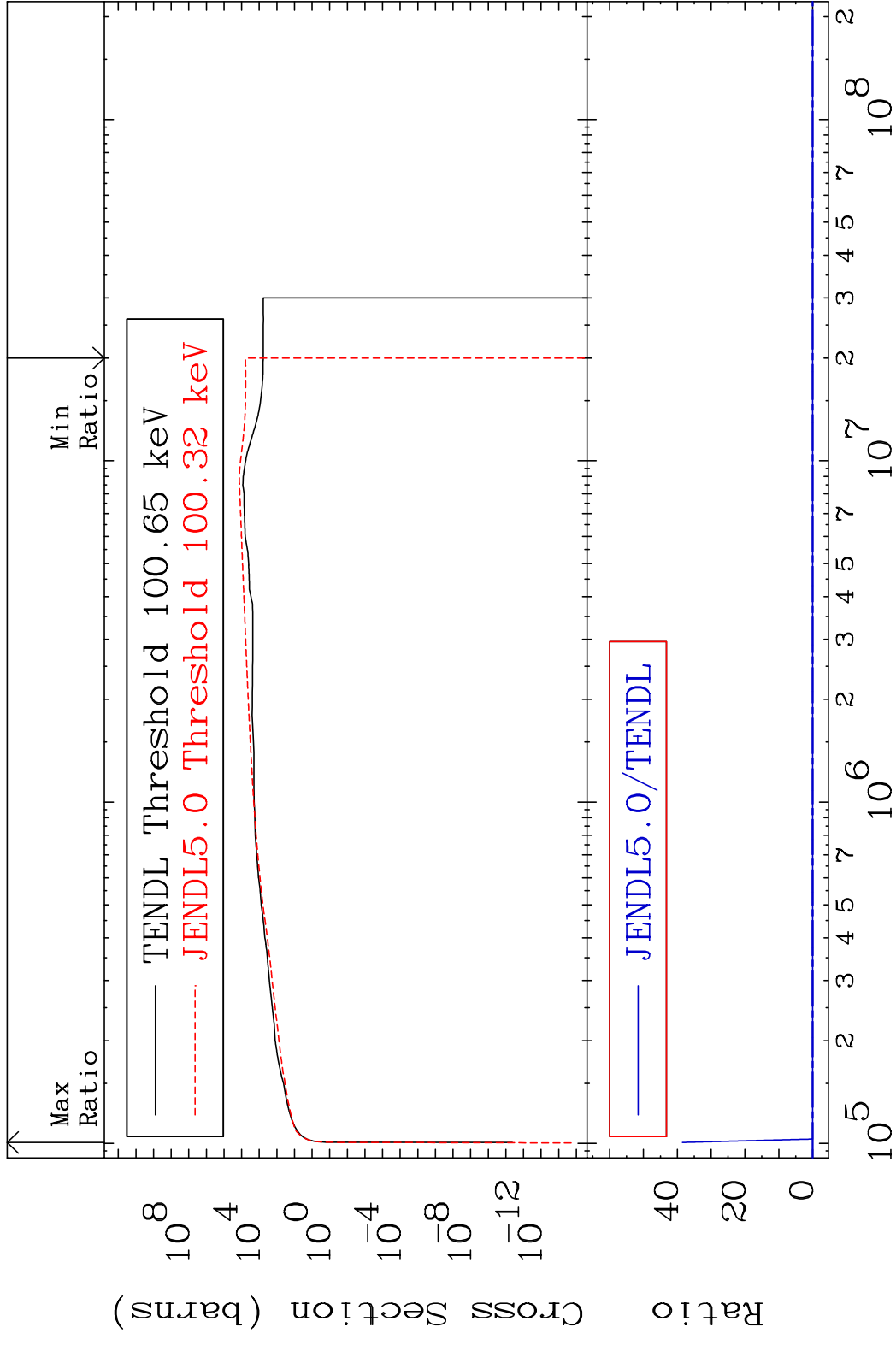


62

Incident Energy (eV)

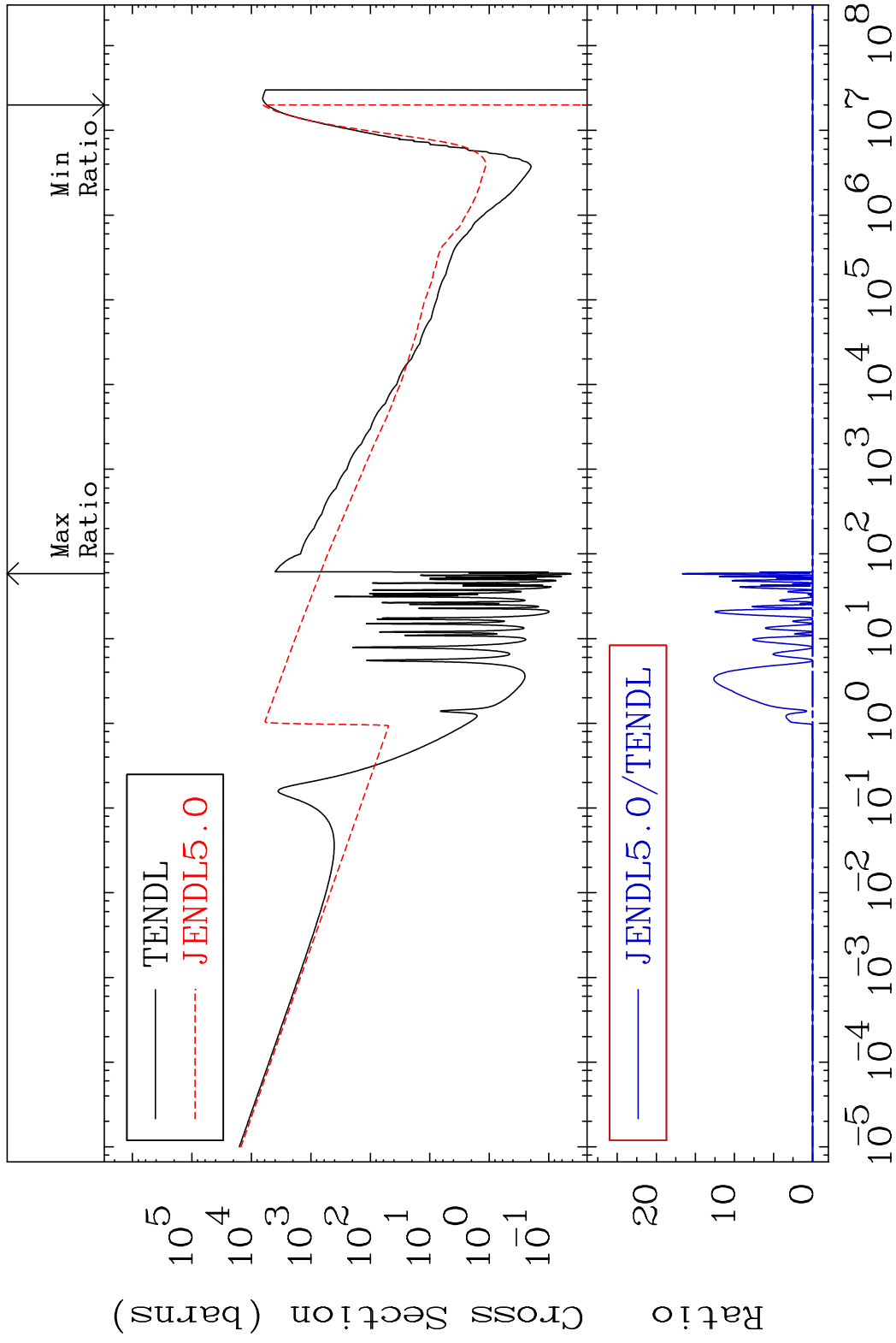
67-Ho-163

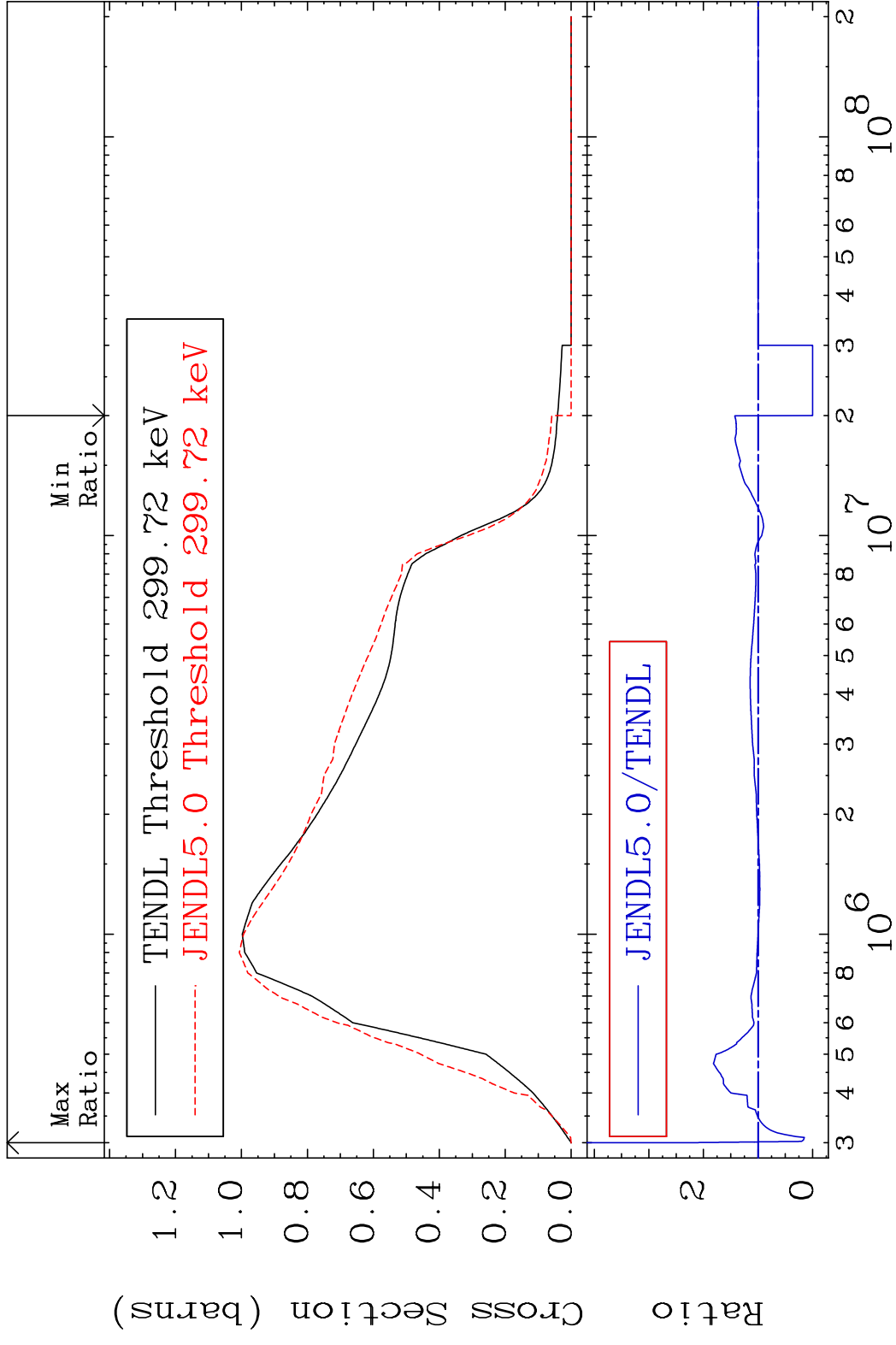
MAT 6719 Dpa inelastic (mt51-91) 67-Ho-163
 Cross Section -100.0 To 9999. %

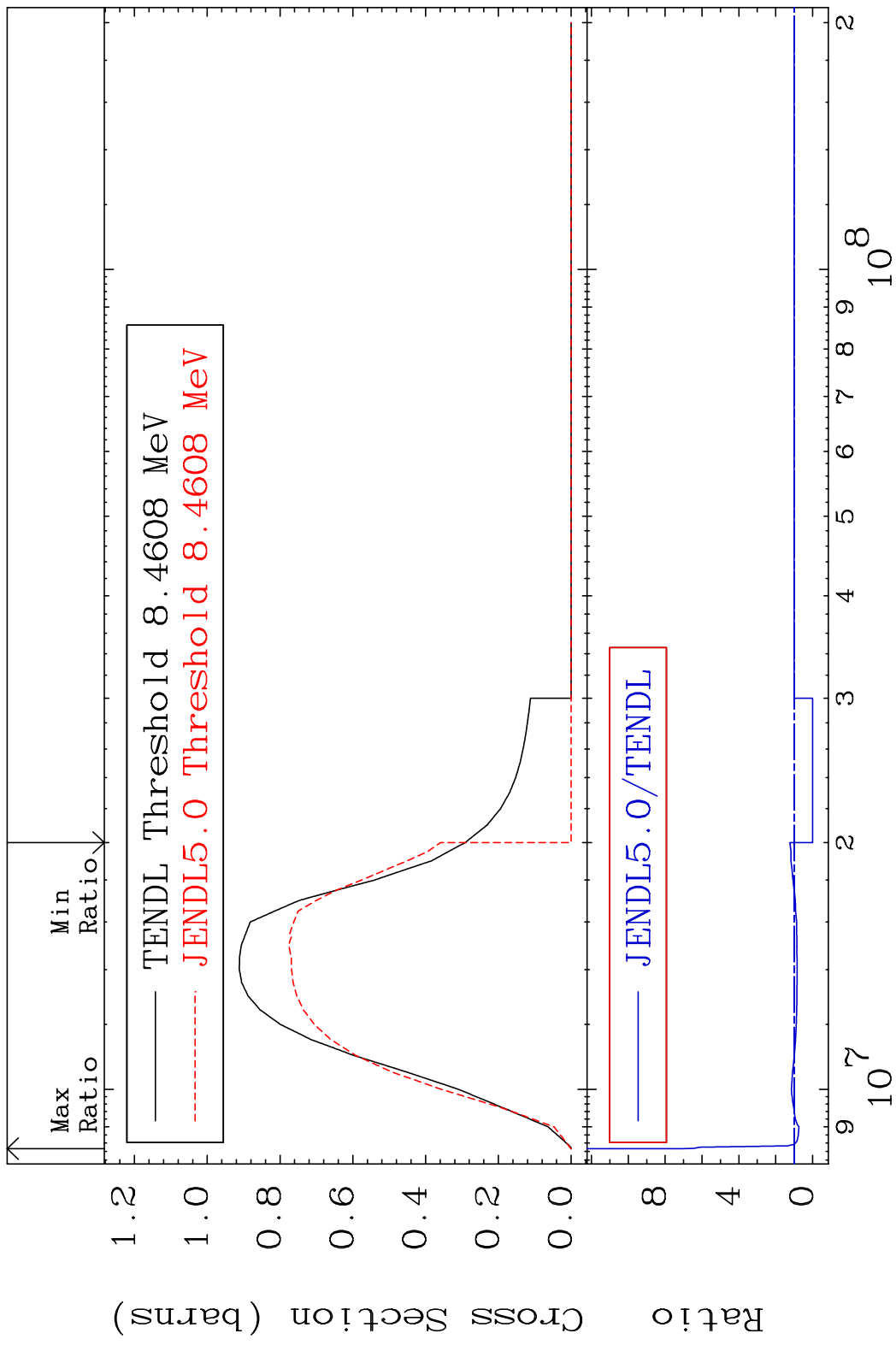


63 Incident Energy (eV) 67-Ho-163

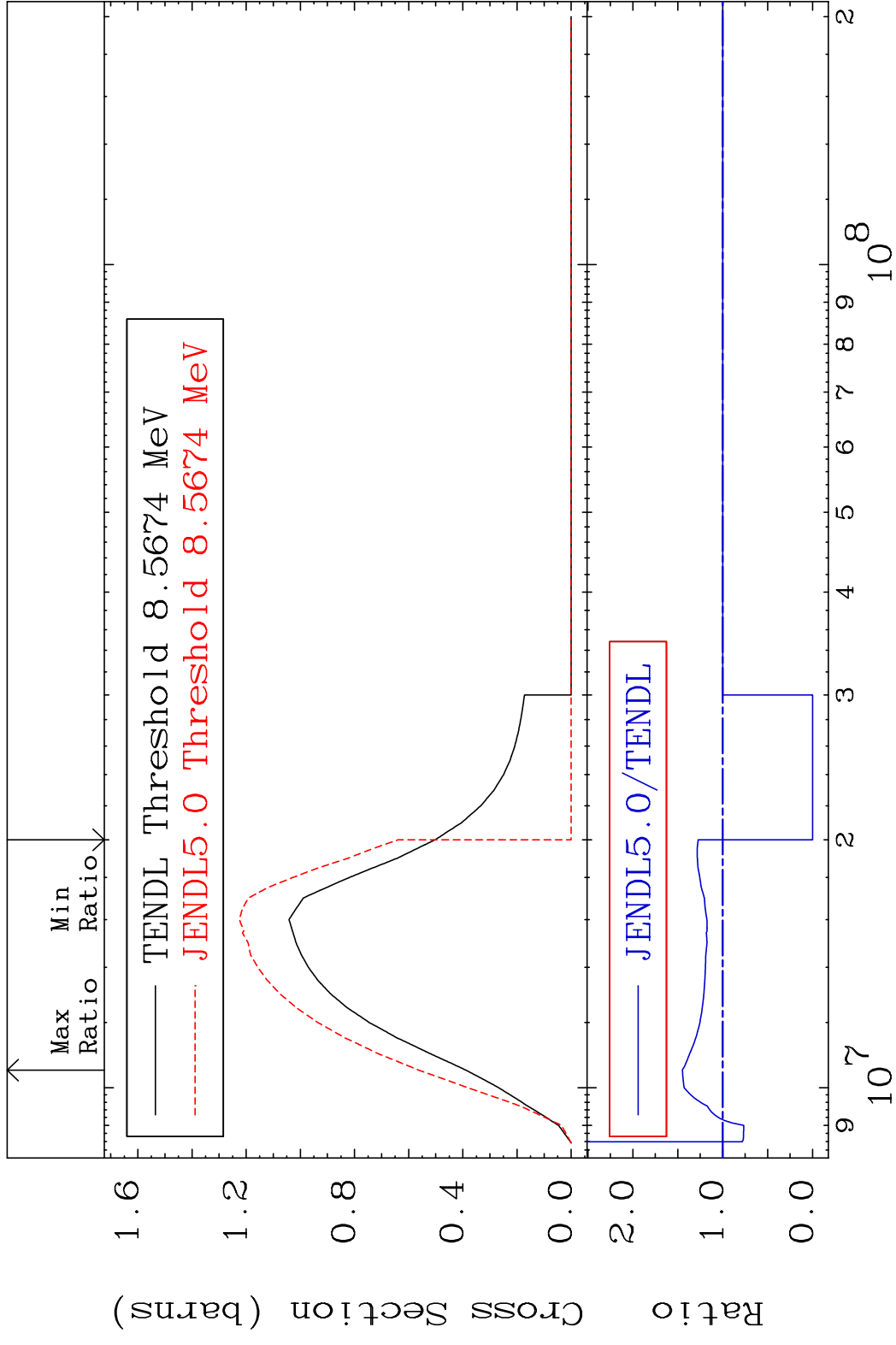
MAT 6719 Dpa disappearance (mt102 -120) 67-Ho-163
 Cross Section -100.0 To 9999. %

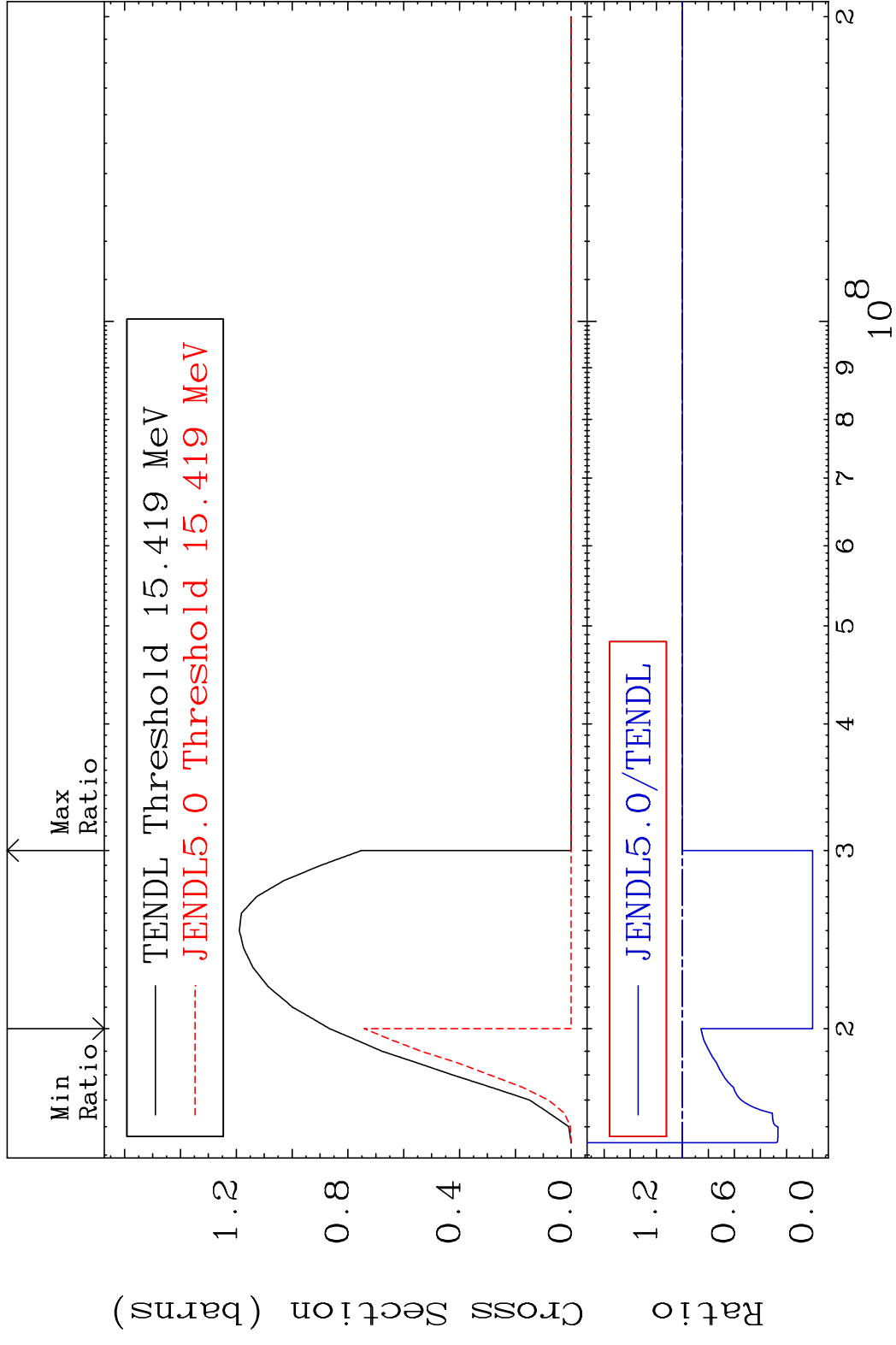


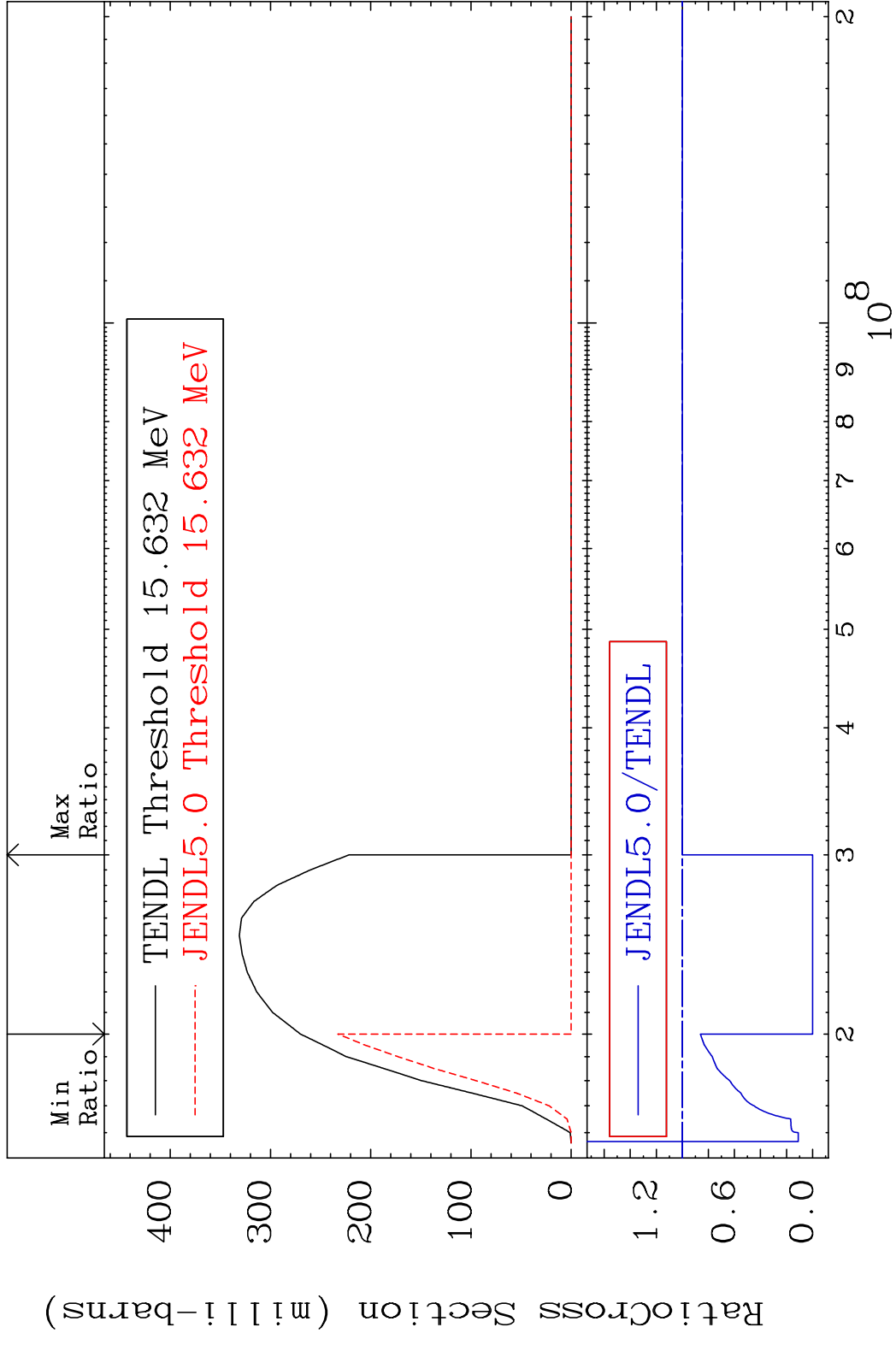




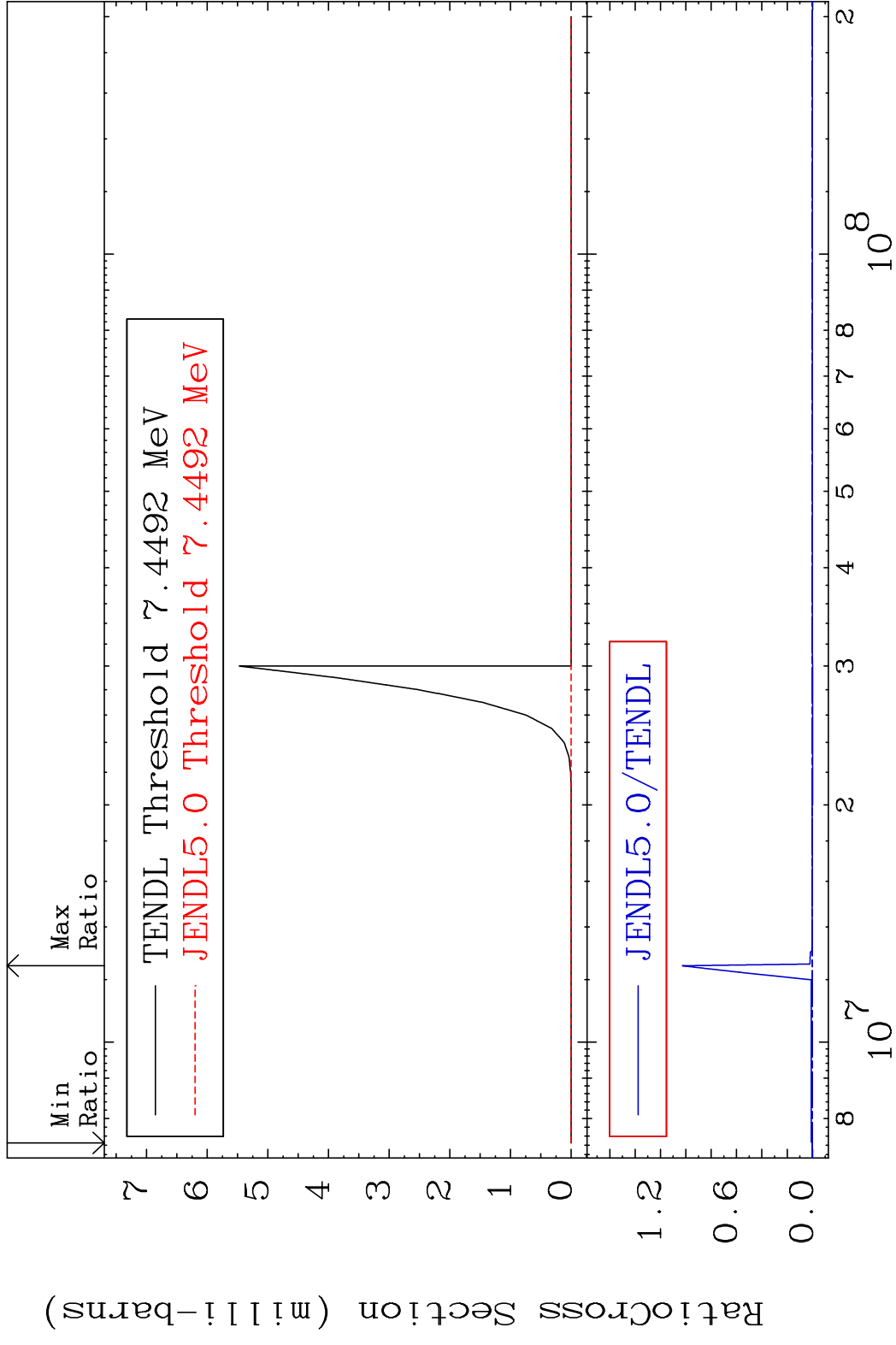
MAT 6719 (n,2n):67-Ho-162m3 67-Ho-163
 Radionuclide Production Cross Section to 44.94 %



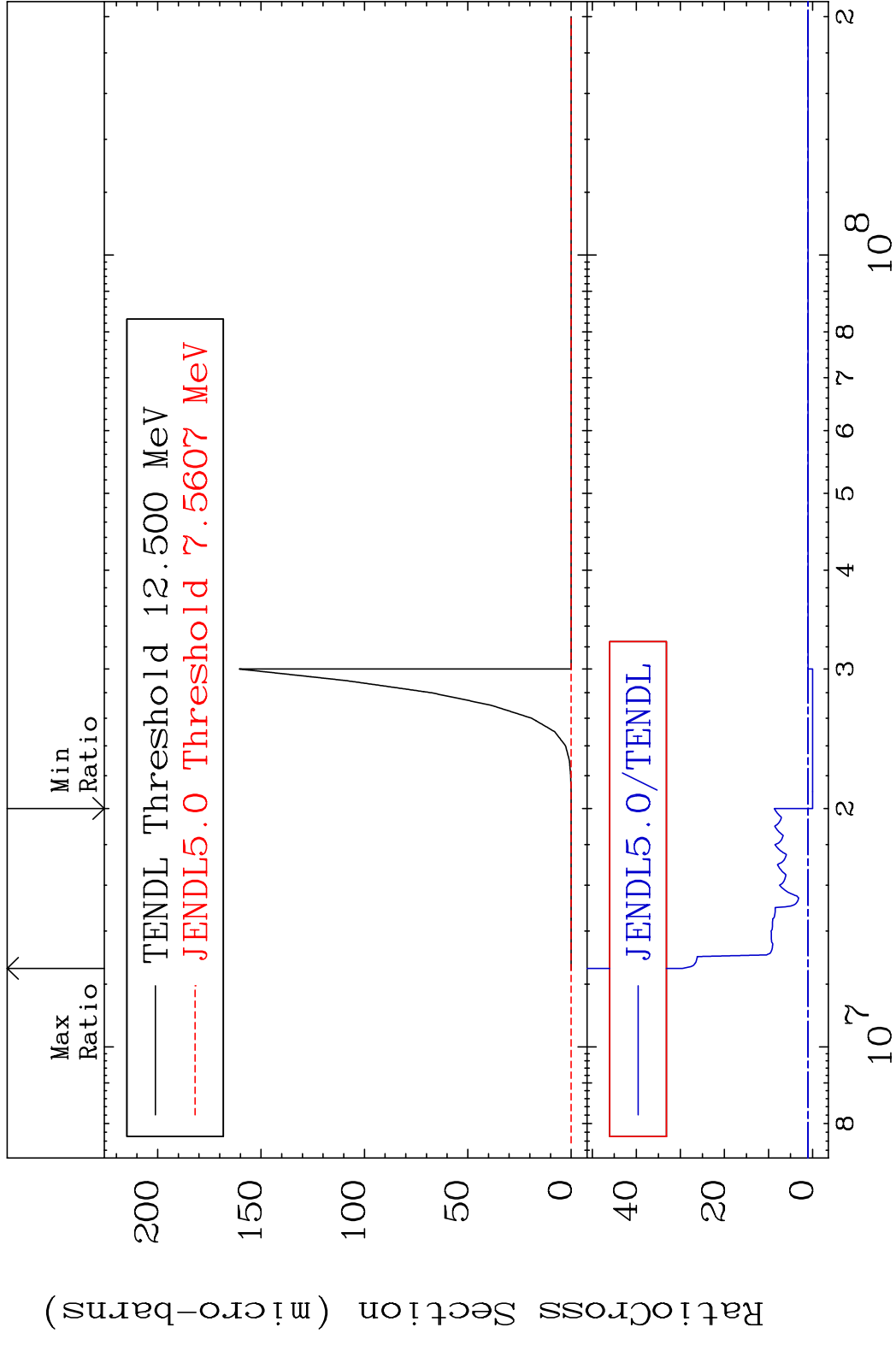




MAT 6719 (n,2n) α :65-Tb-158g 67-Ho-163
 Radionuclide Production Cross Section Ratio 9999. %

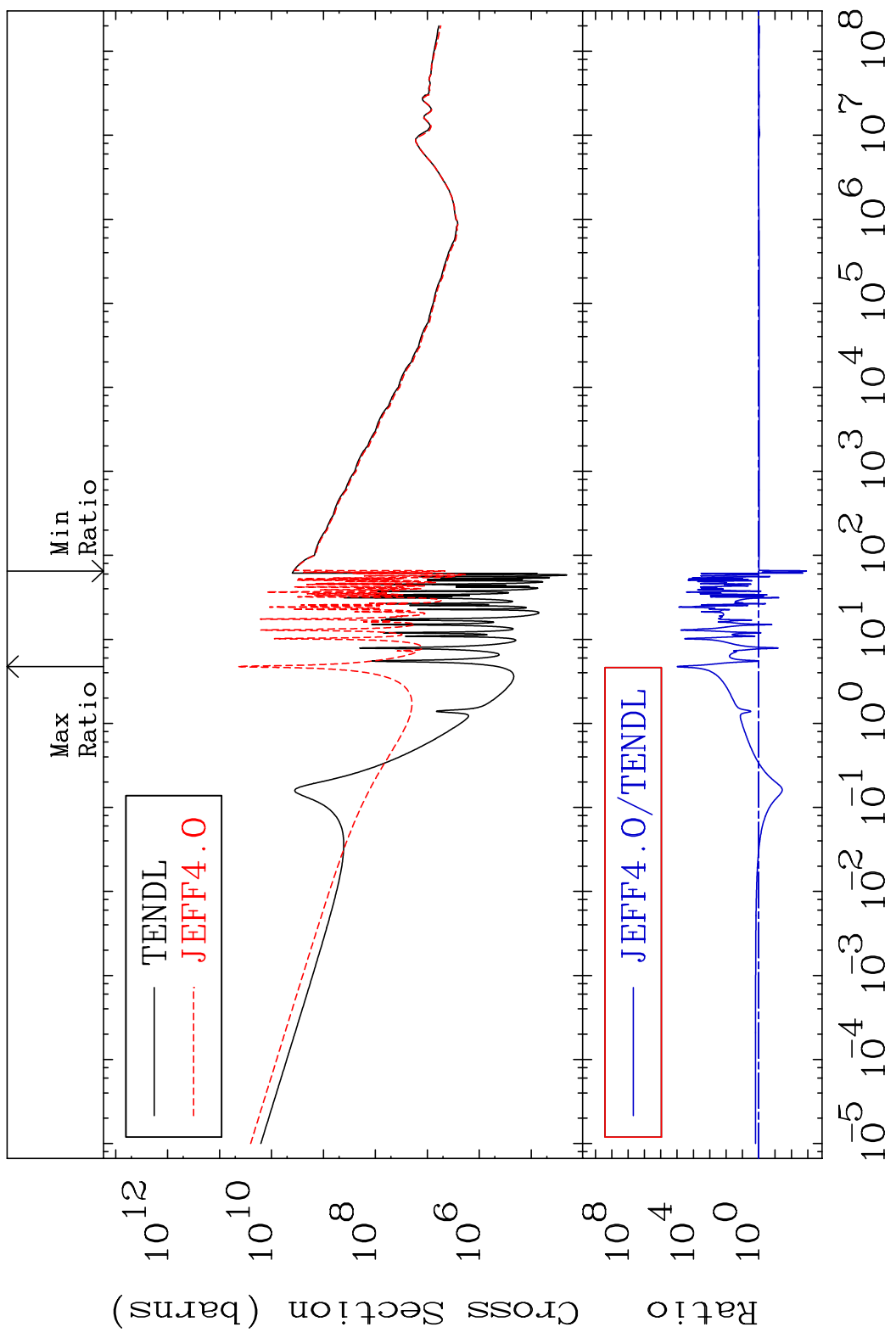


70 Incident Energy (eV) 67-Ho-163

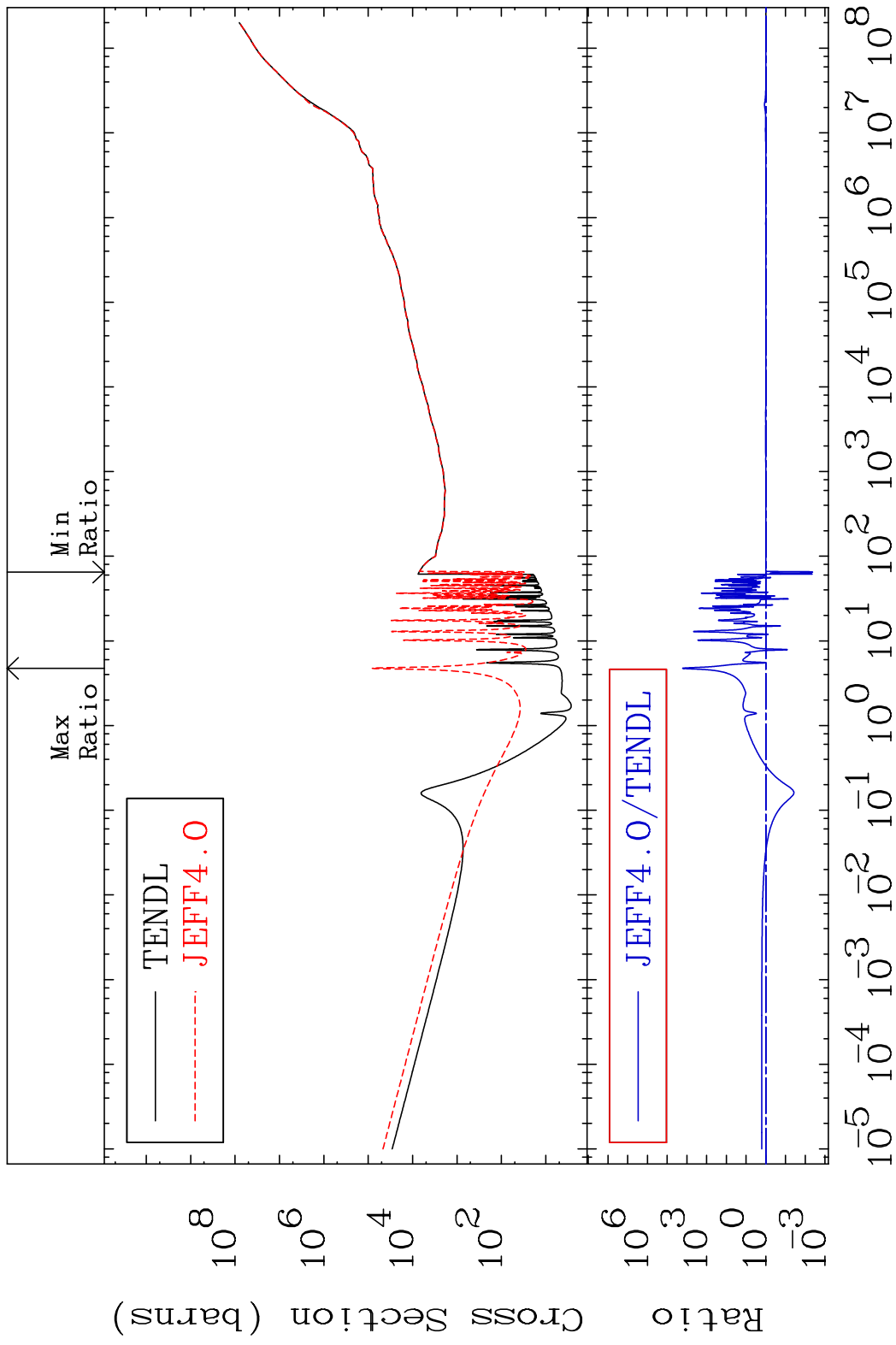


MAT 6719

Total photon (eV-barns) 67-Ho-163
Cross Section -99.88 To 9999. %



MAT 6719 Total kinematic kerma (high limit) 67-Ho-163
 Cross Section -99.57 To 9999. %

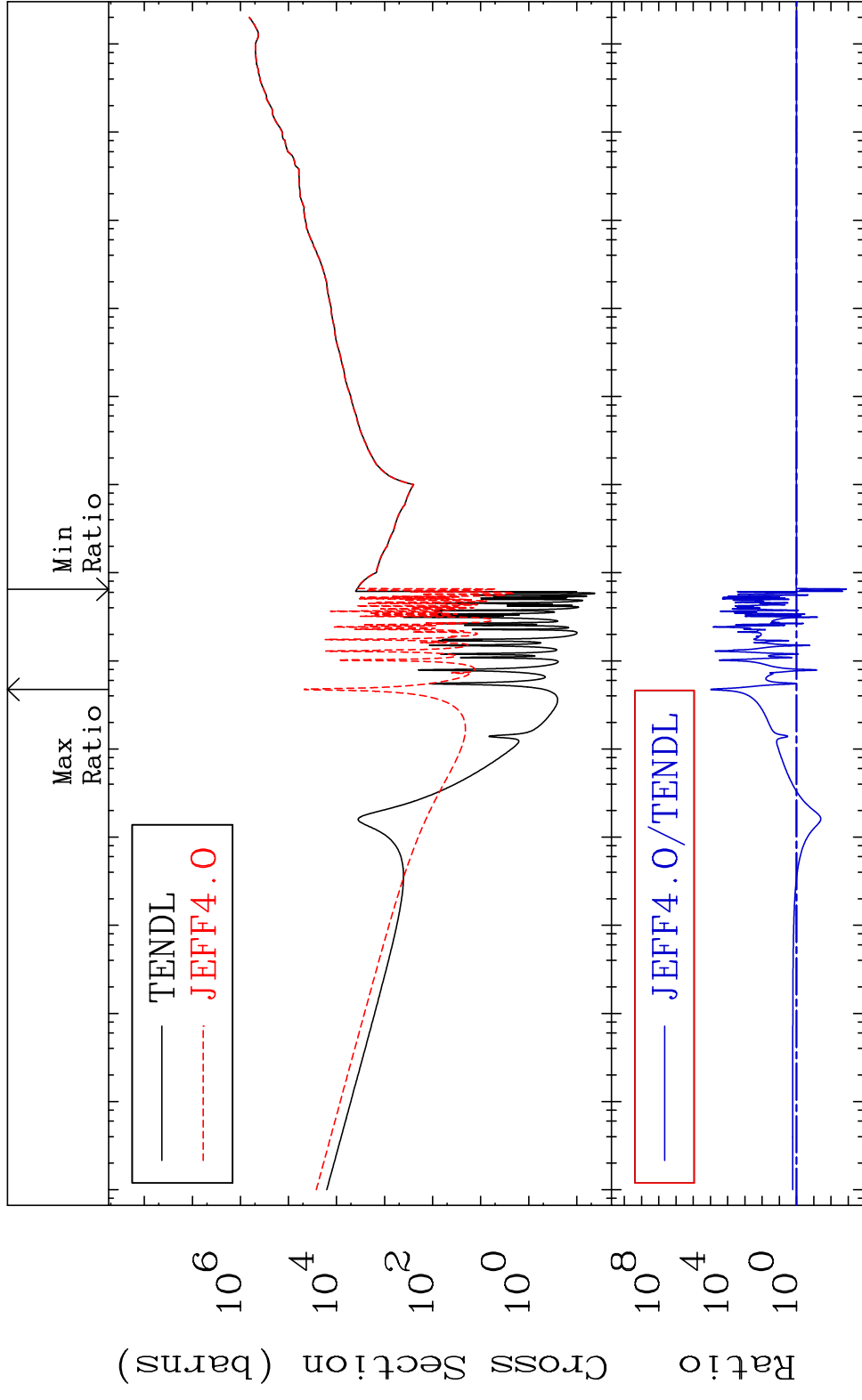


MAT 6719

Dpa total (eV-barns)

67-Ho-163

Cross Section -99.87 To 9999. %



74

Incident Energy (eV)

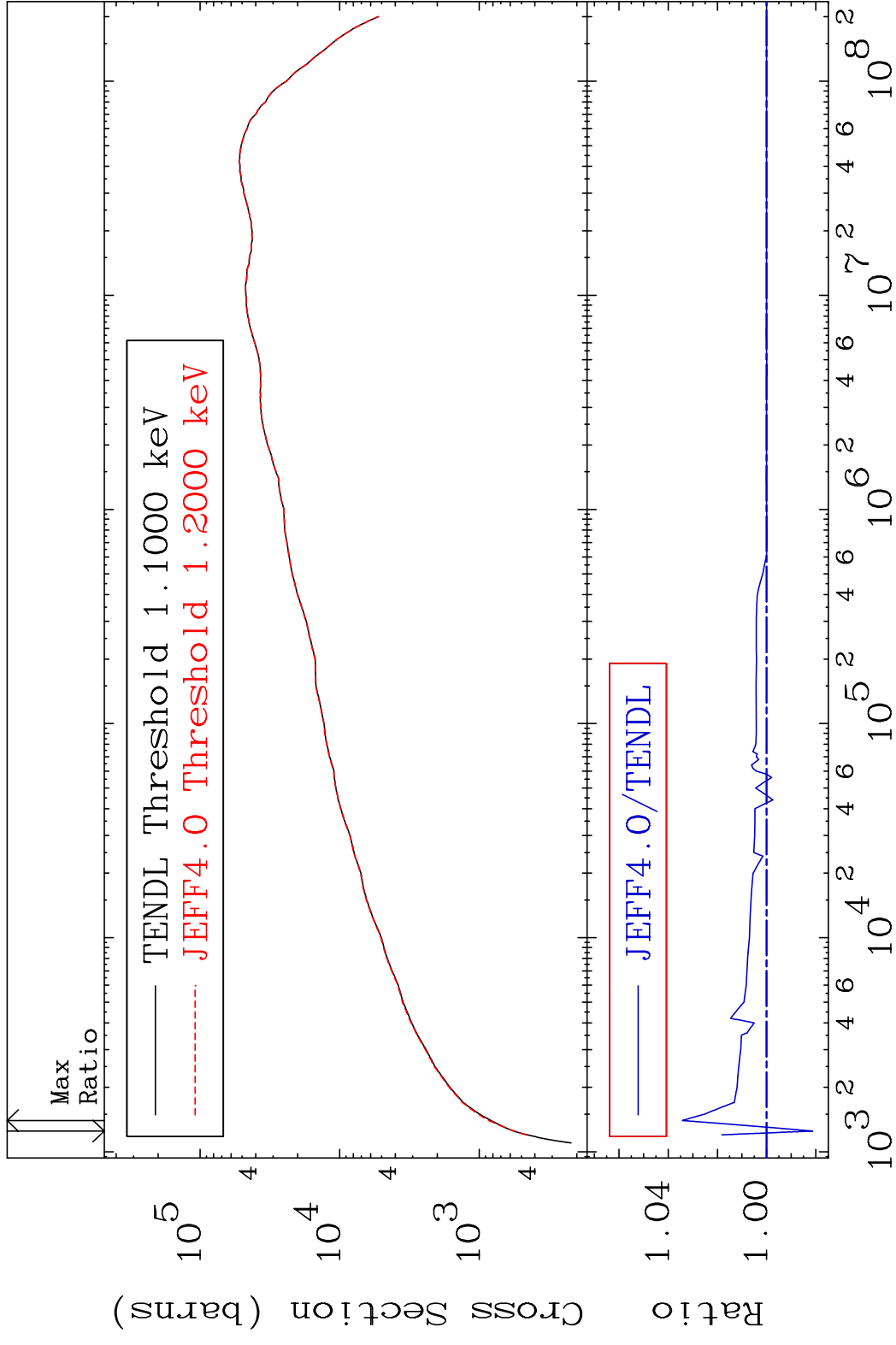
67-Ho-163

MAT 6719

Dpa elastic (mt2)

67-Ho-163

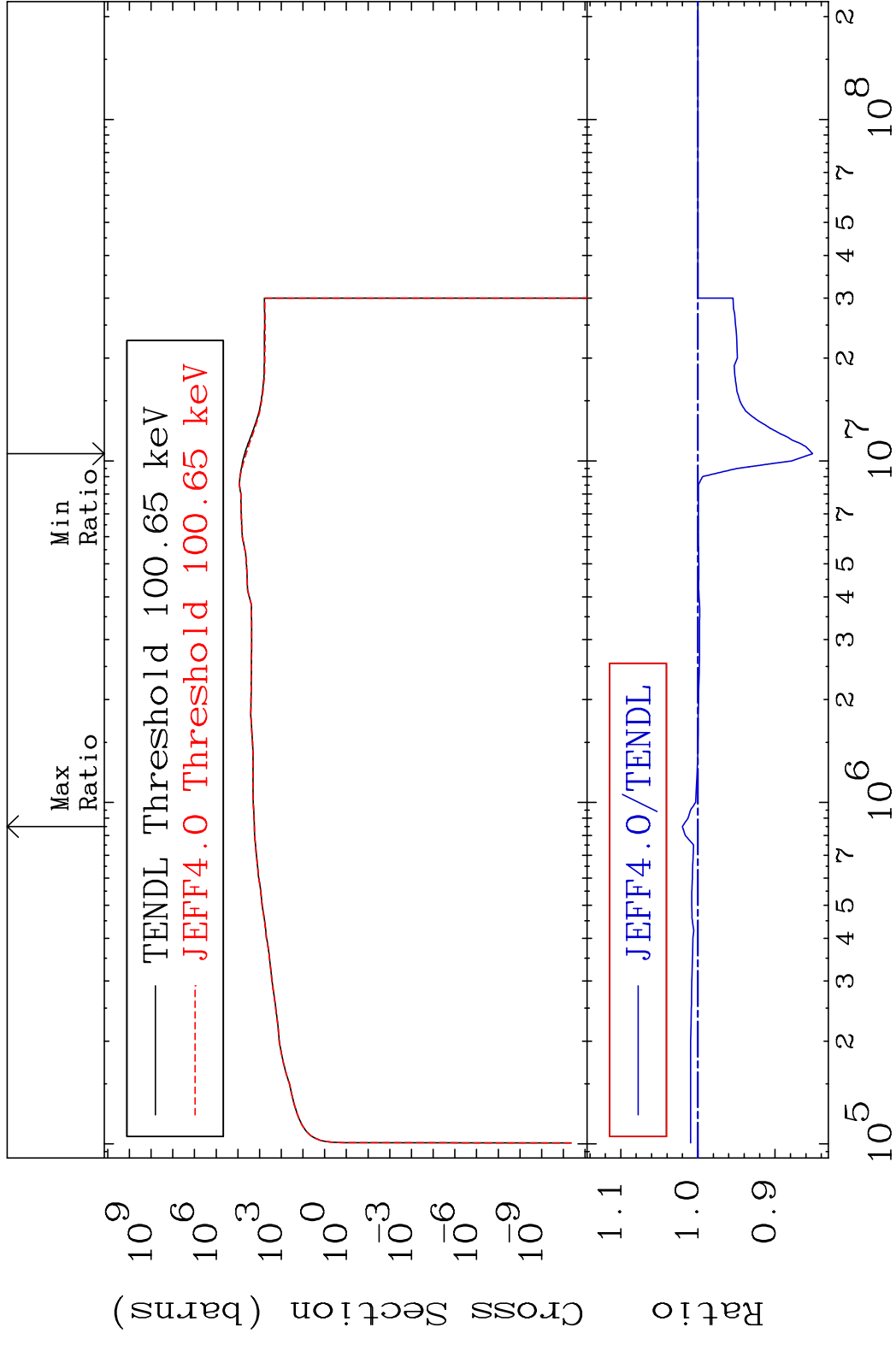
Cross Section -1.867 To 3.424 %



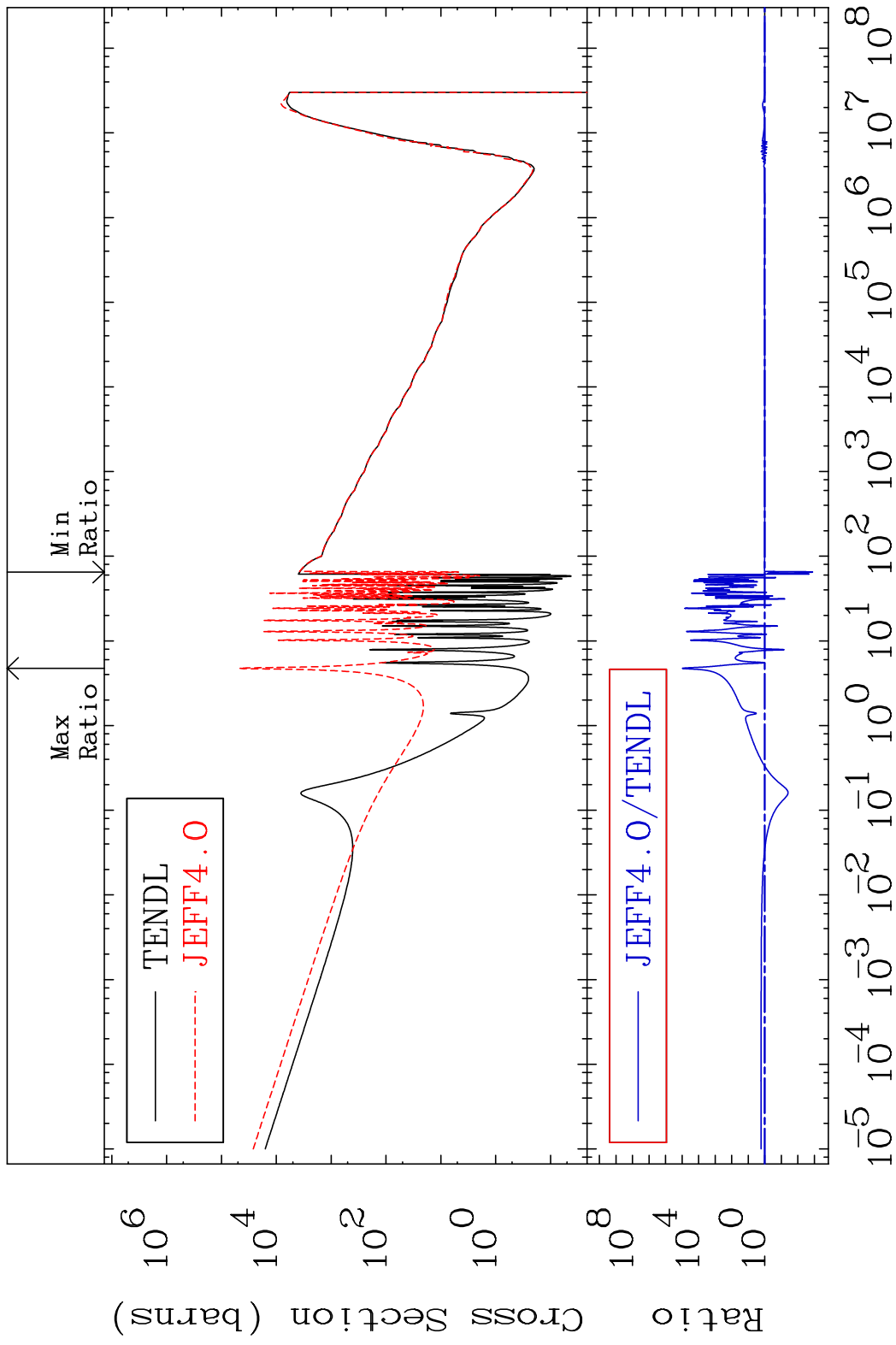
75

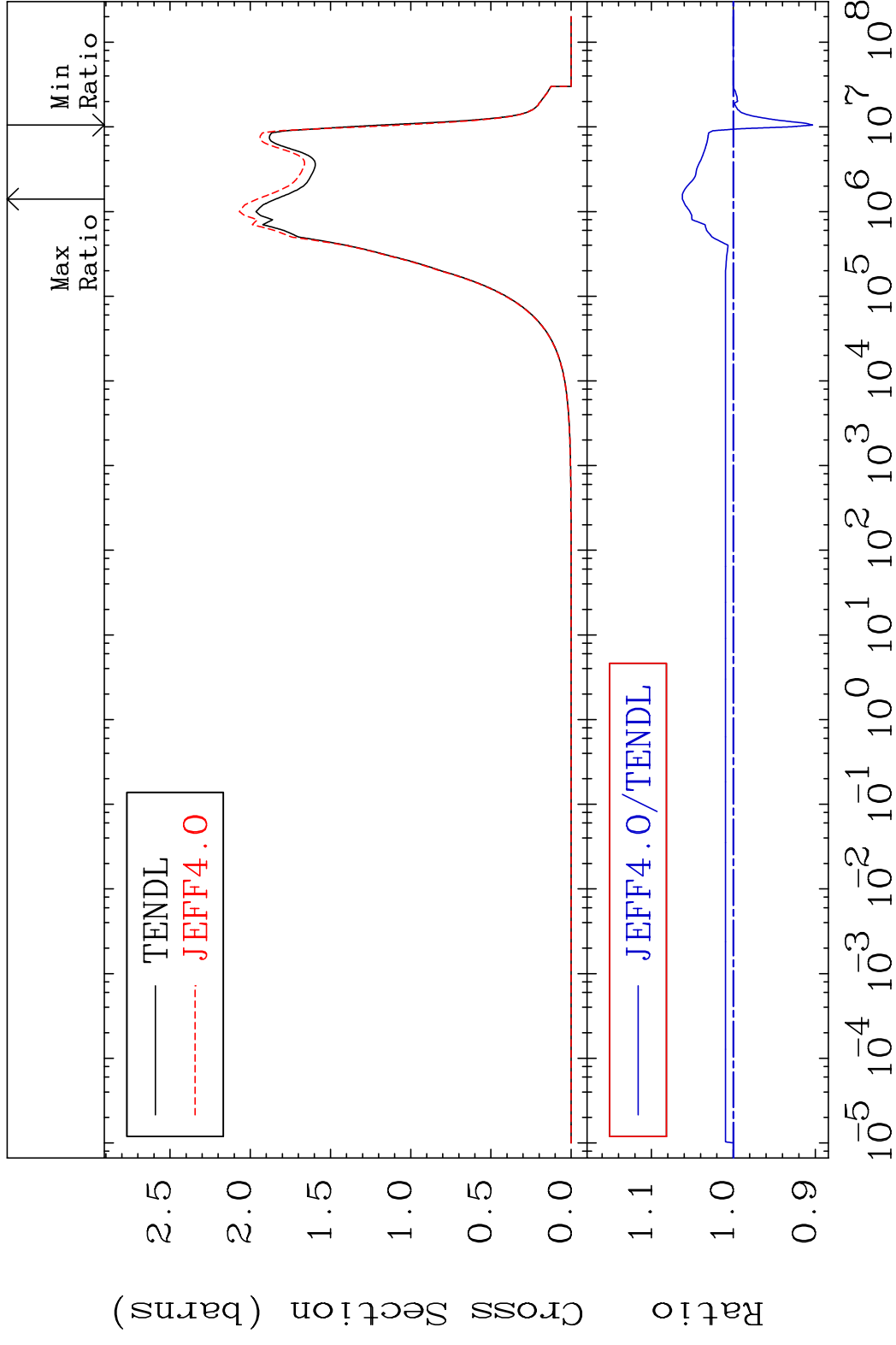
Incident Energy (eV)

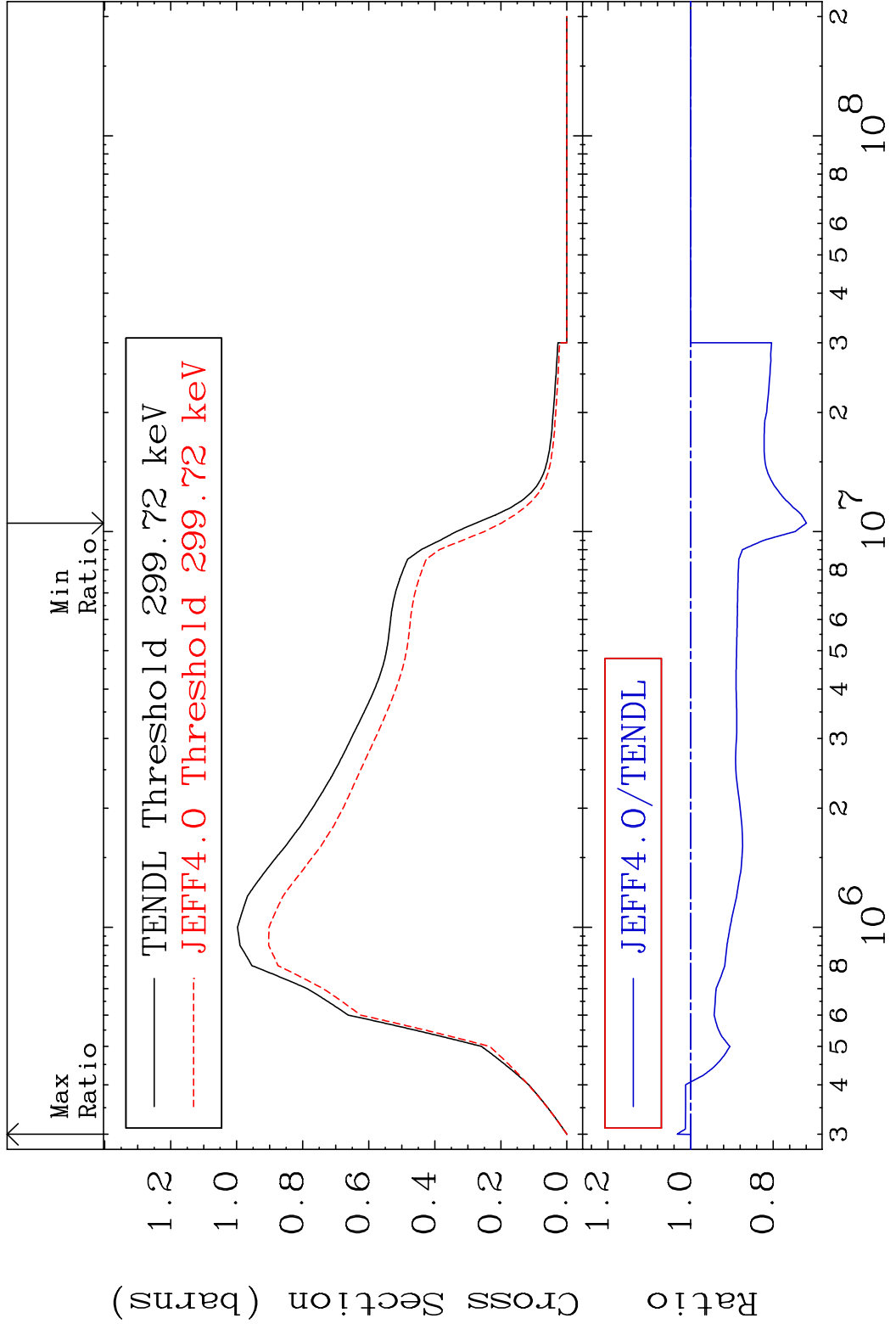
67-Ho-163



MAT 6719 Dpa disappearance (mt102 -120) 67-Ho-163
 Cross Section -99.87 To 9999. %







MAT 6719 (n,2n):67-Ho-162g 67-Ho-163
 Radionuclide Production Cross Section 18.63 d/o 18.63 %

