

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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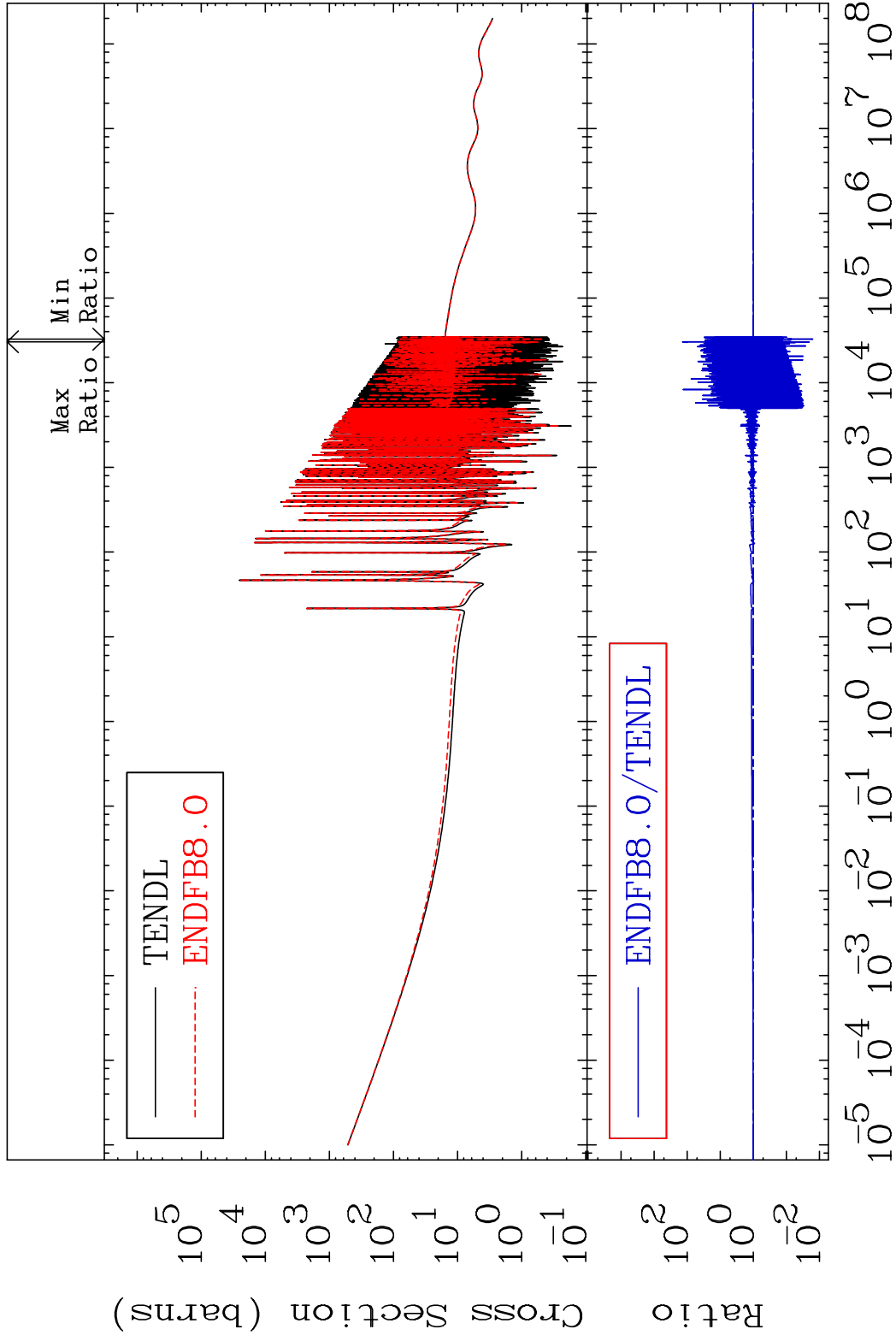
Press Mouse Button to Start

MAT 7831

Total

78-Pt-192

Cross Section -98.39 To 9999. %



1

Incident Energy (eV)

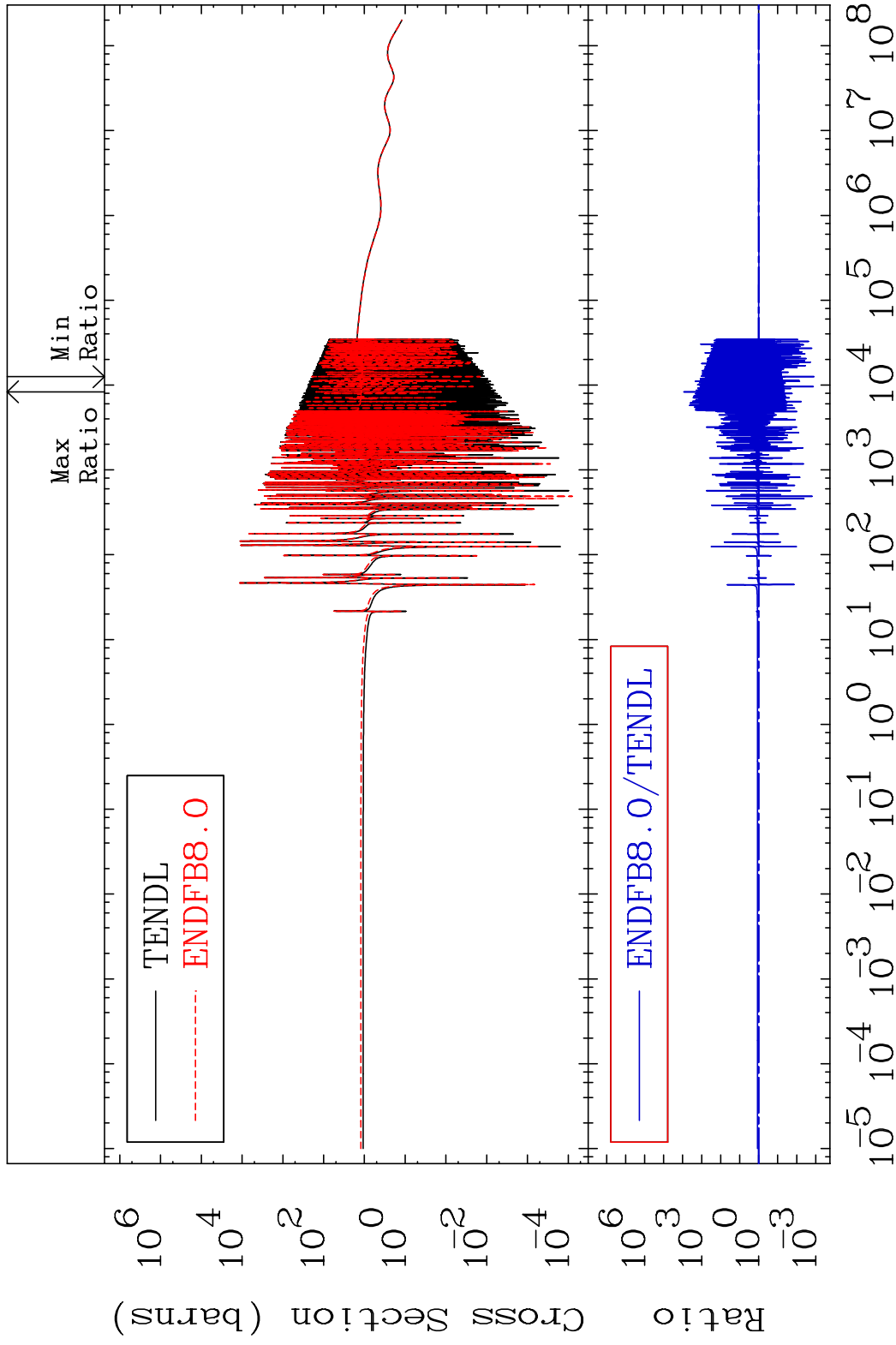
78-Pt-192

MAT 7831

Elastic

78-Pt-192

Cross Section -99.88 To 9999. %

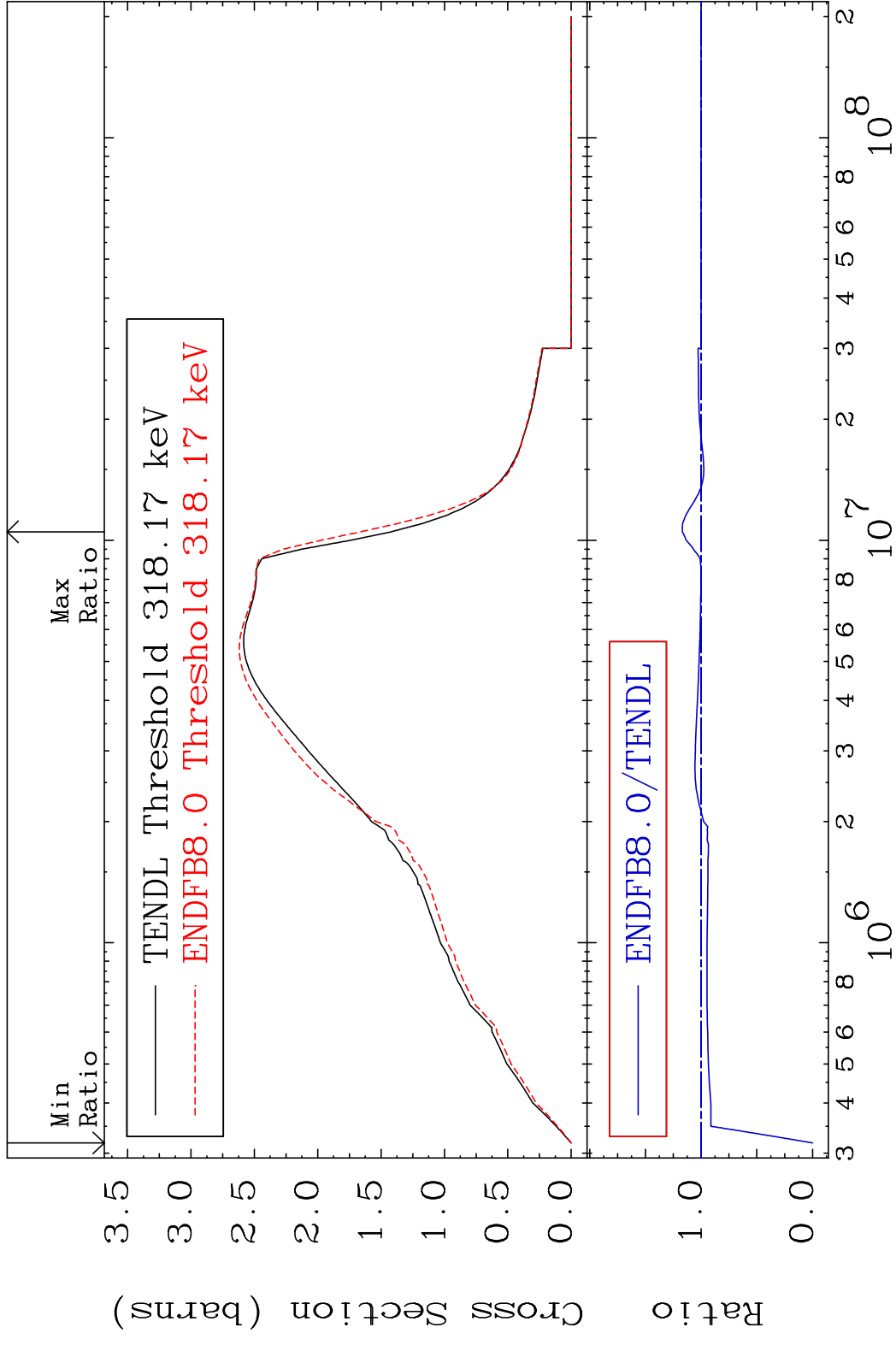


2

Incident Energy (eV)

78-Pt-192

MAT 7831 Inelastic 78-Pt-192
 Cross Section -100.0 To 16.86 %



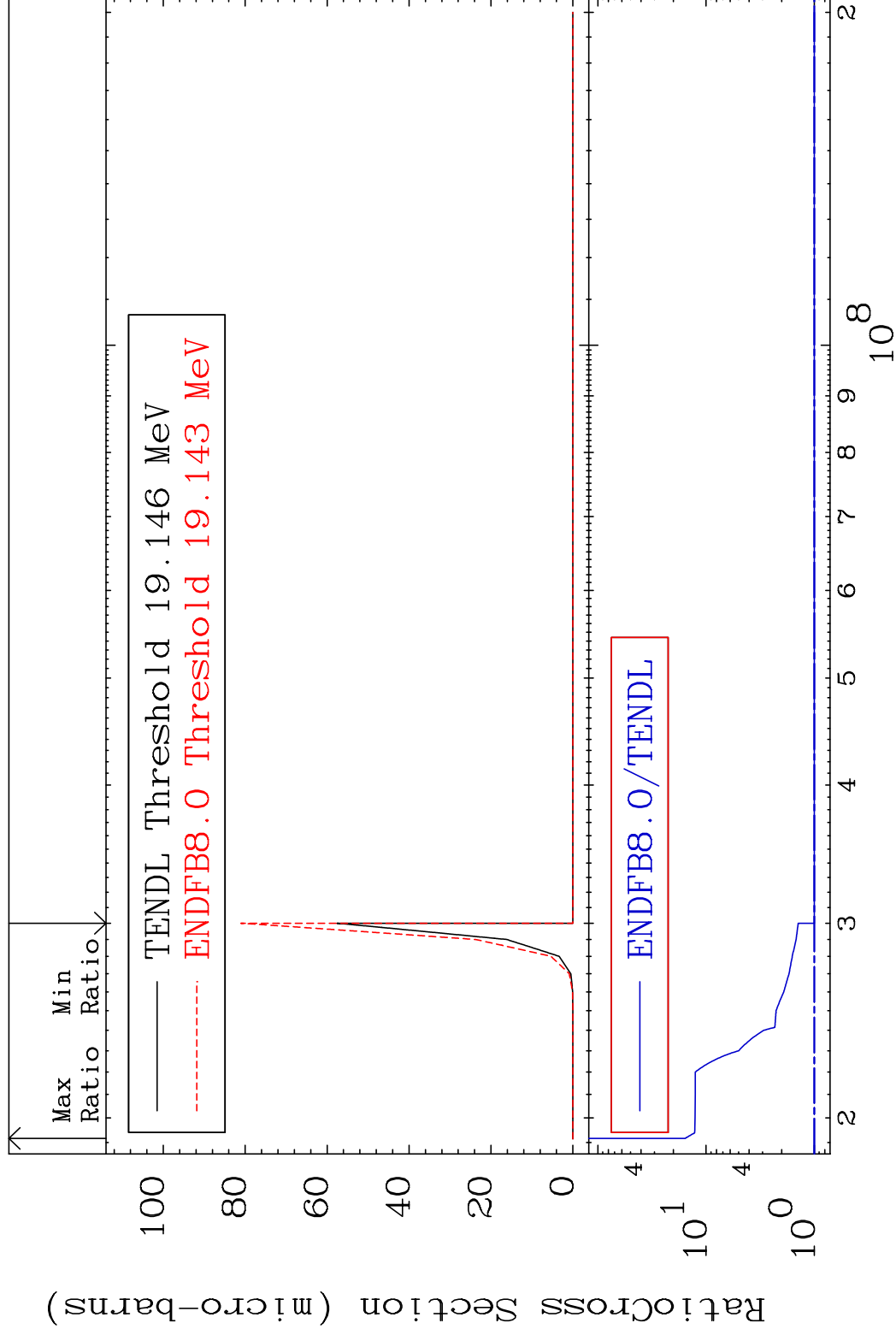
3 Incident Energy (eV) 78-Pt-192

MAT 7831

(n,2n) d

78-Pt-192

Cross Section 0.000 To 1497. %



4

Incident Energy (eV)

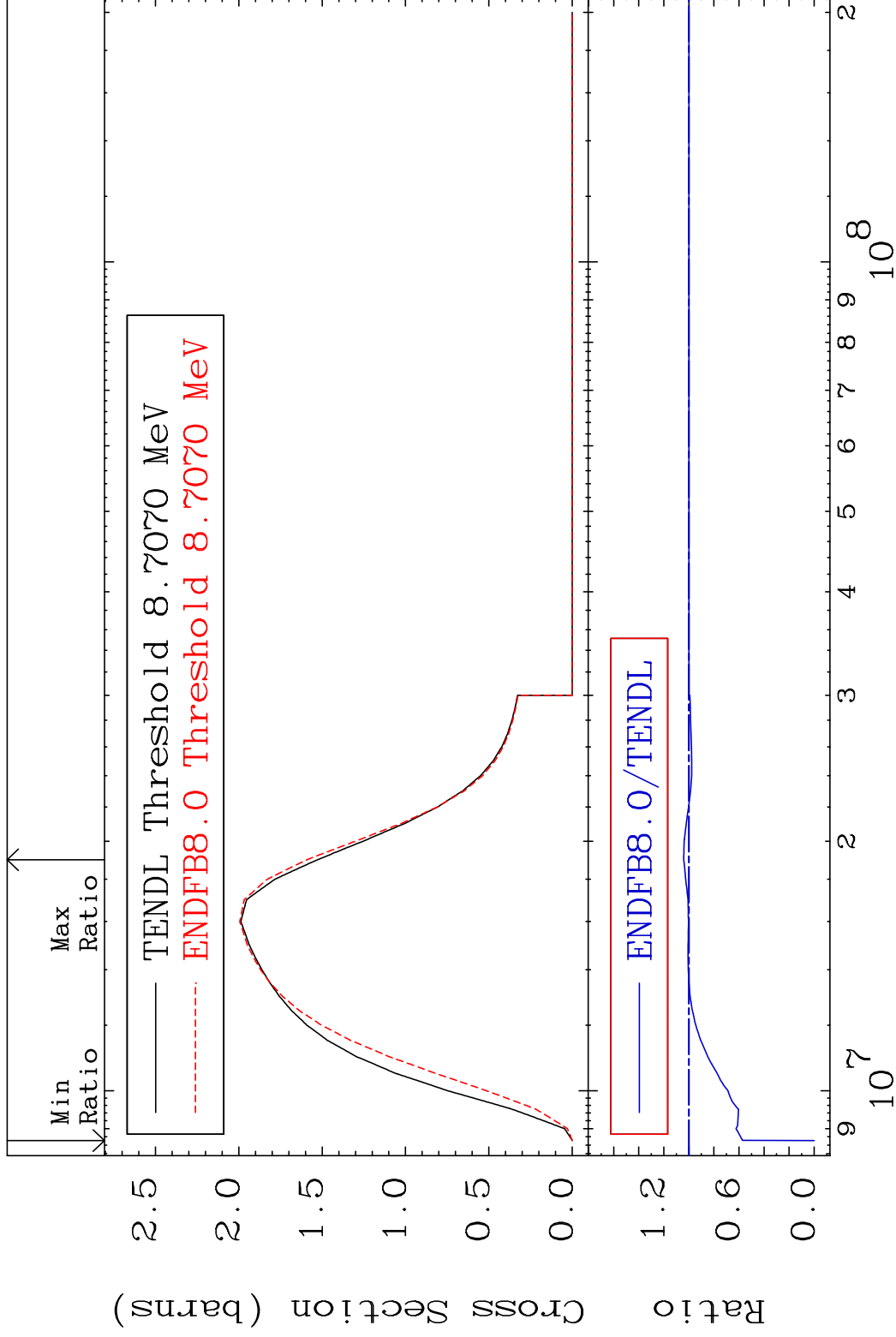
78-Pt-192

MAT 7831

(n,2n)

78-Pt-192

Cross Section -100.0 To 4.151 %



5

Incident Energy (eV)

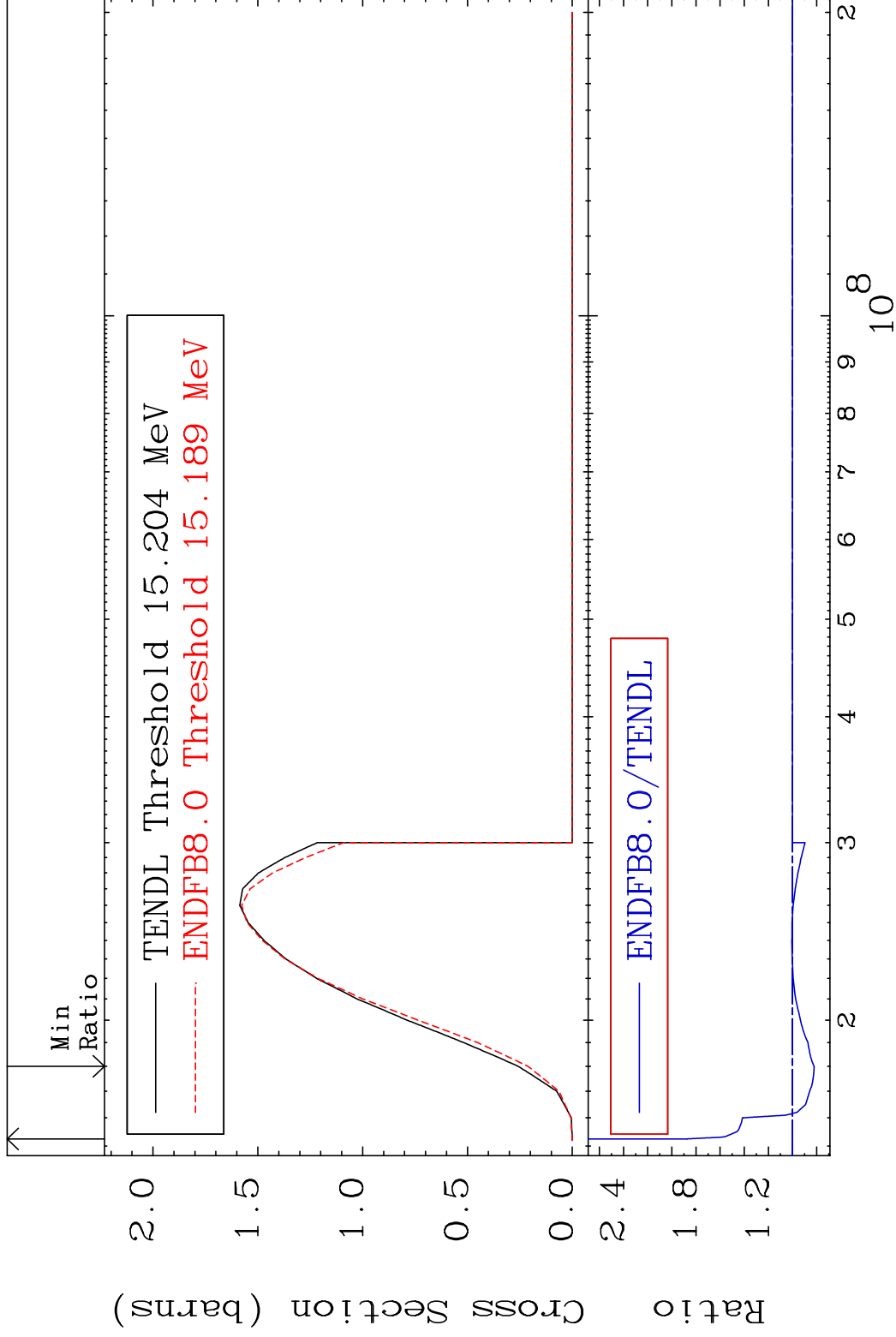
78-Pt-192

MAT 7831

(n,3n)

78-Pt-192

Cross Section -17.89 To 90.20 %

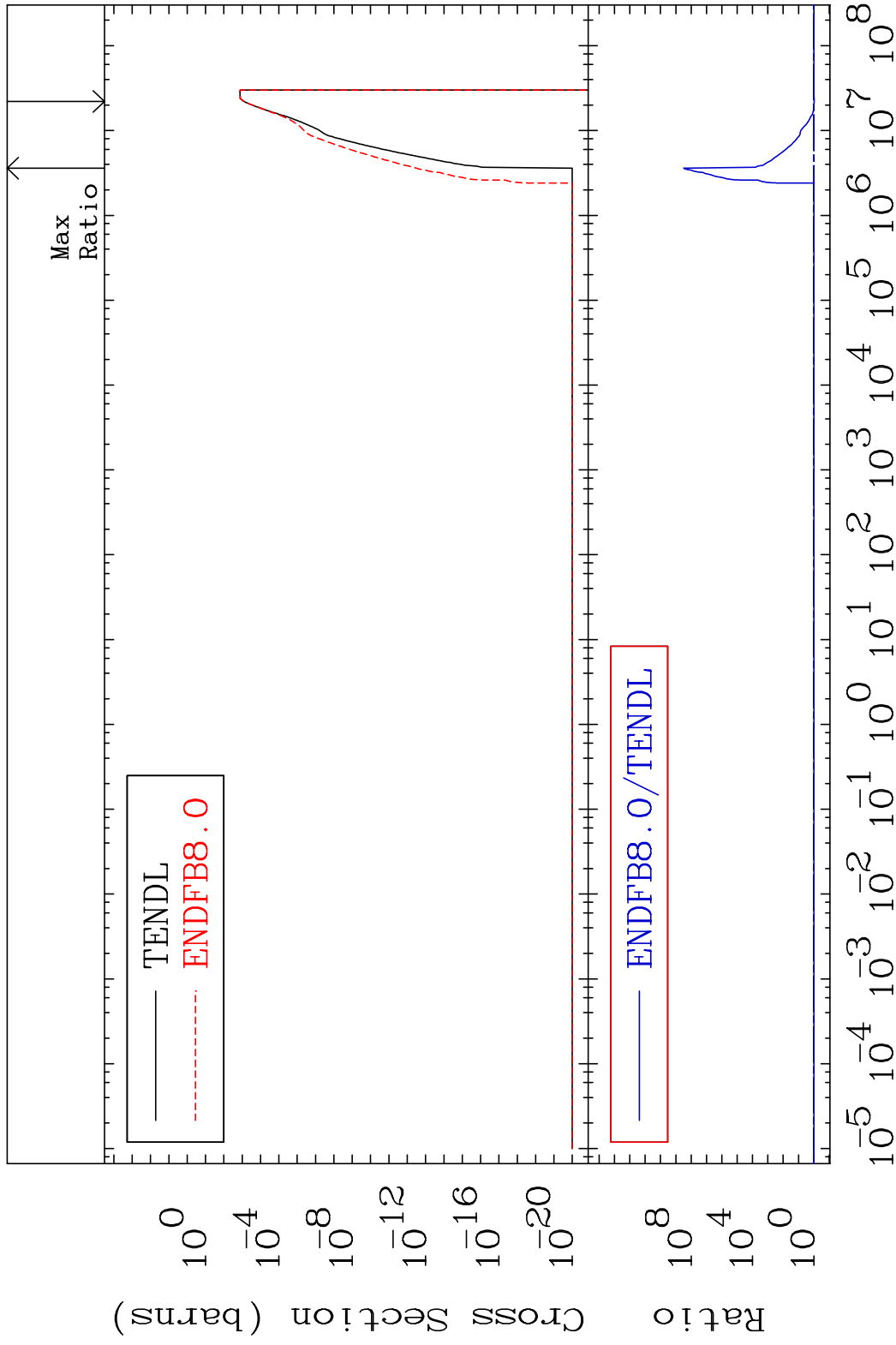


MAT 7831

(n, n') α

78-Pt-192

Cross Section -3.466 To 9999. %



7

Incident Energy (eV)

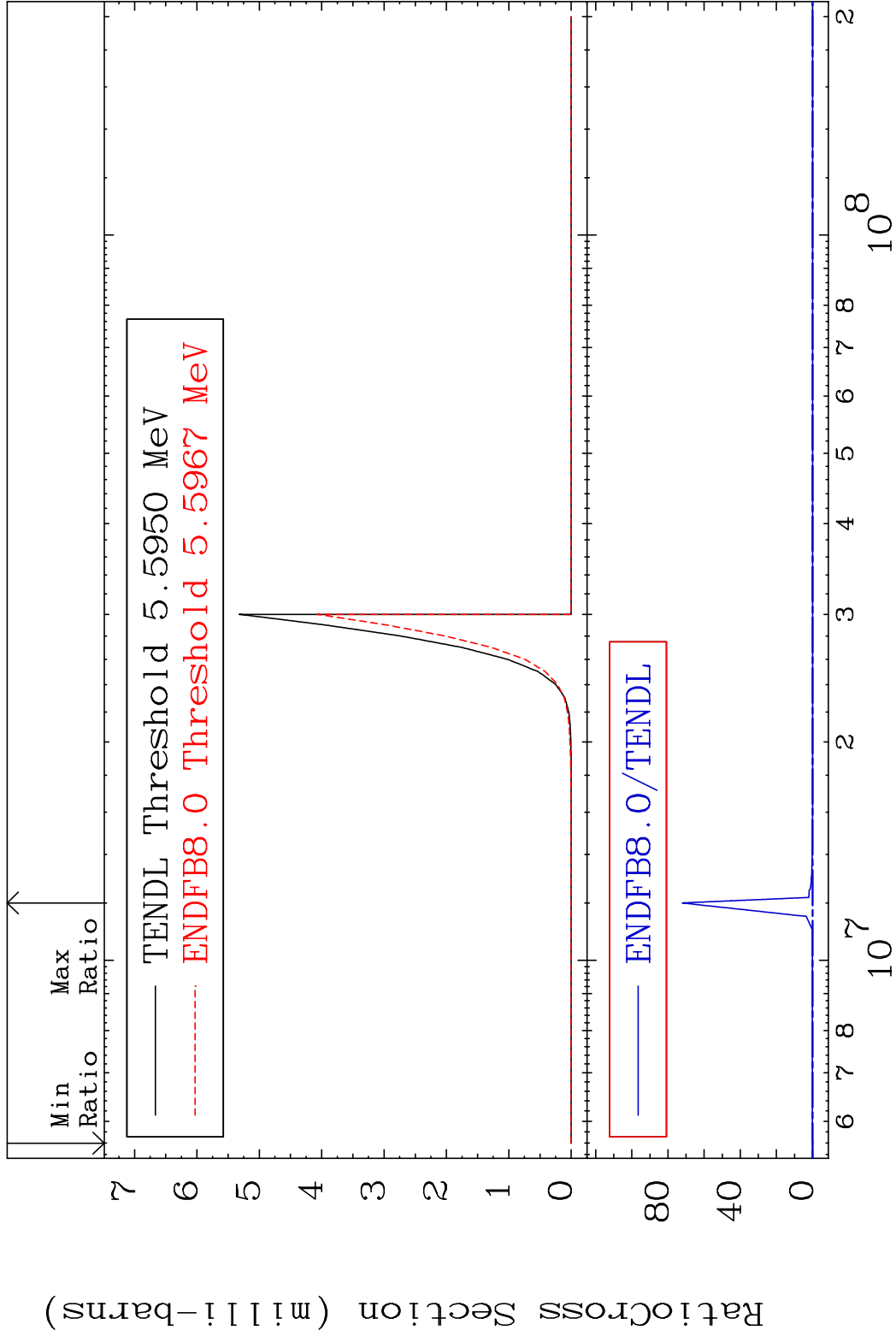
78-Pt-192

MAT 7831

(n,2n) α

78-Pt-192

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

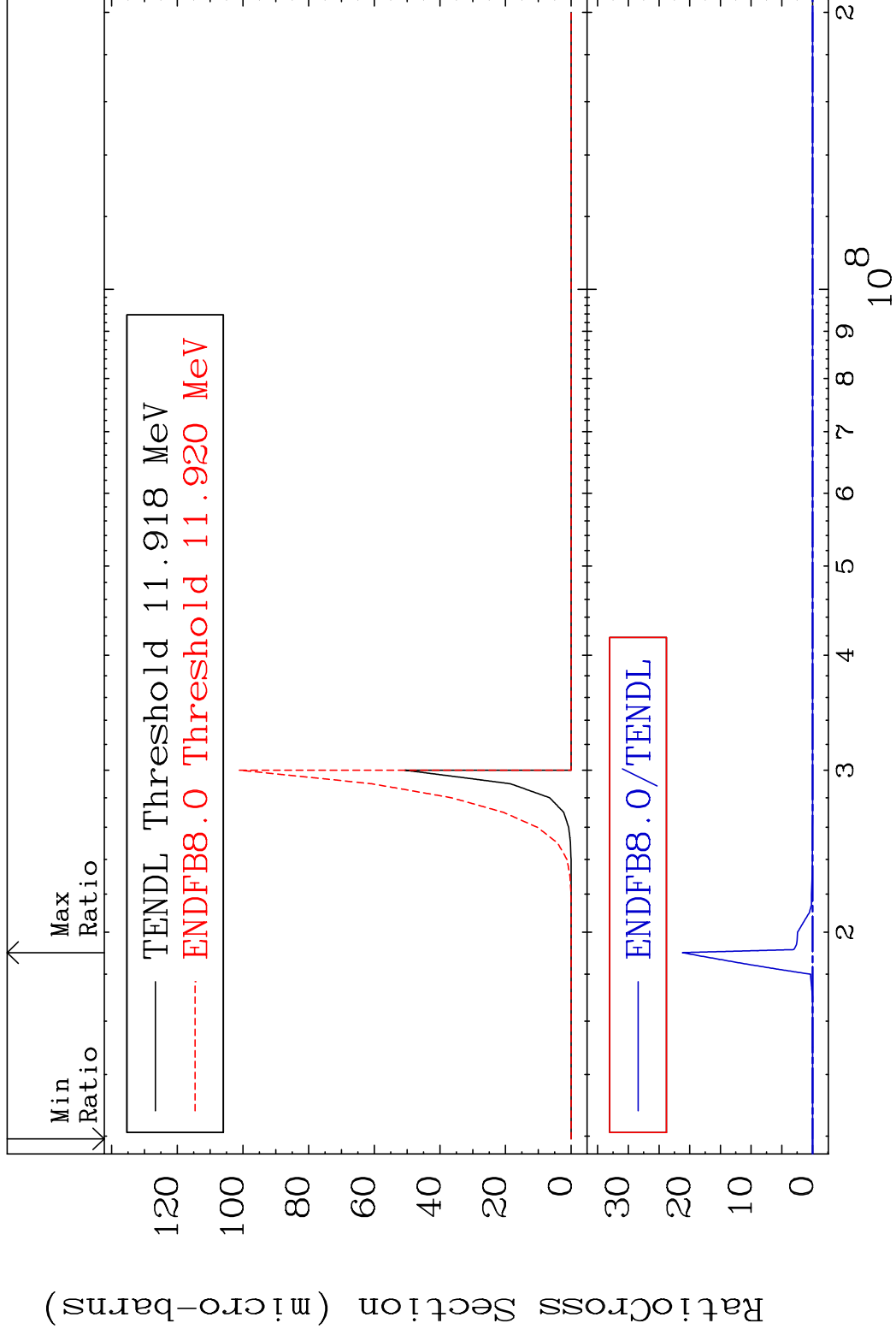
78-Pt-192

MAT 7831

(n,3n) α

78-Pt-192

Cross Section -100.0 To 9999. %

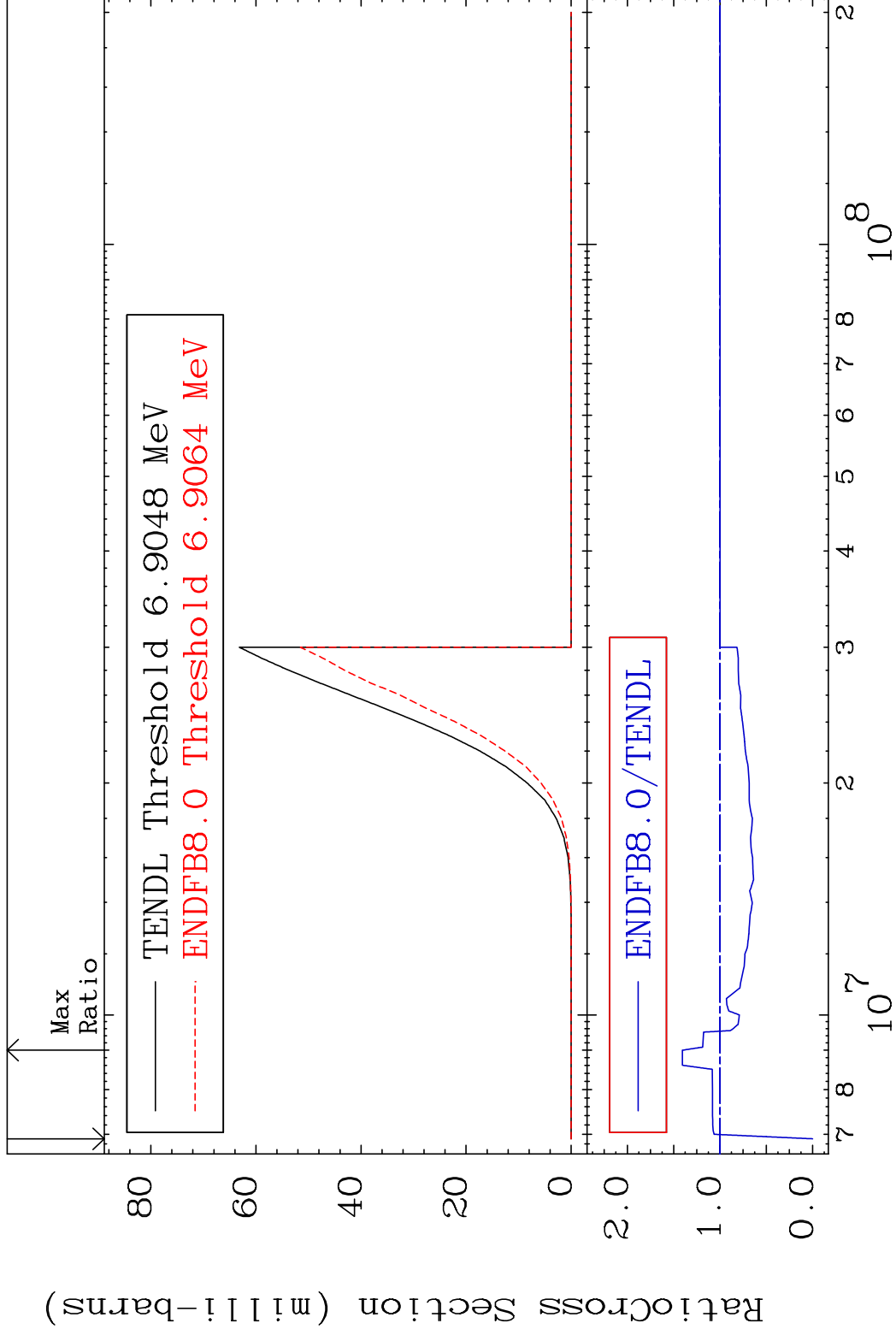


MAT 7831

(n, n') p

78-Pt-192

Cross Section -100.0 To 40.60 %



10

Incident Energy (eV)

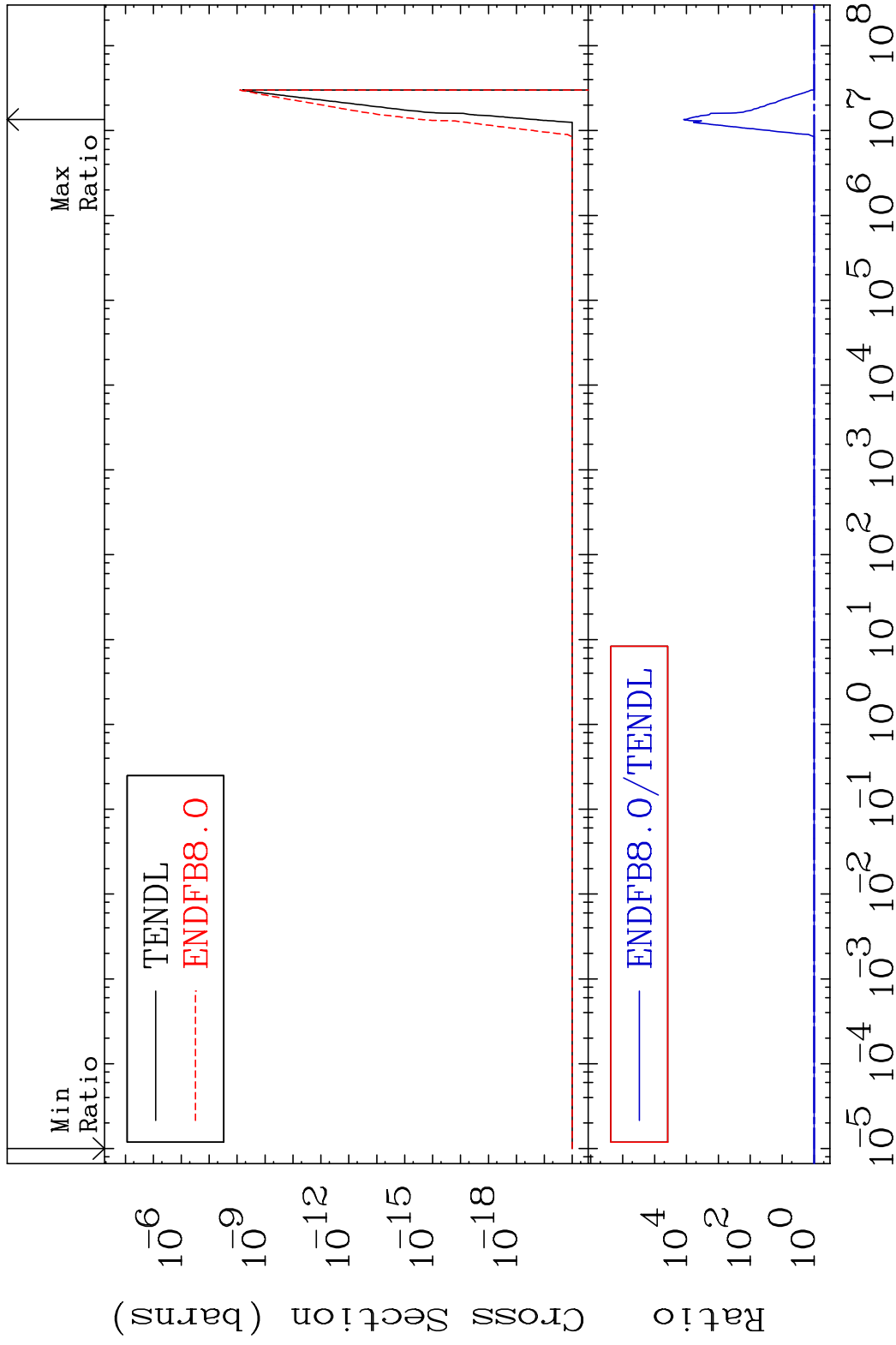
78-Pt-192

MAT 7831

(n, n') 2α

78-Pt-192

Cross Section 0.000 To 9999. %

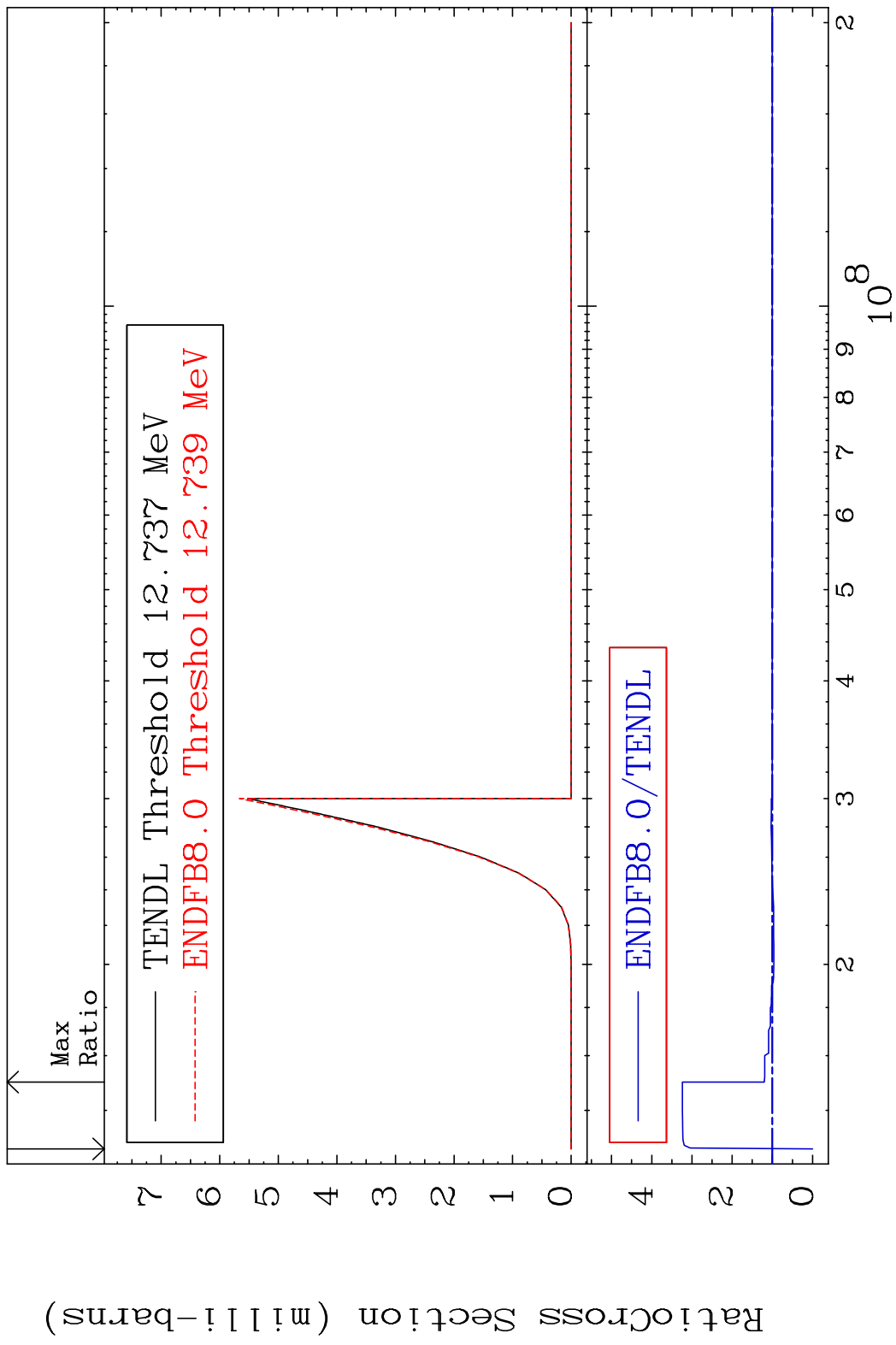


11

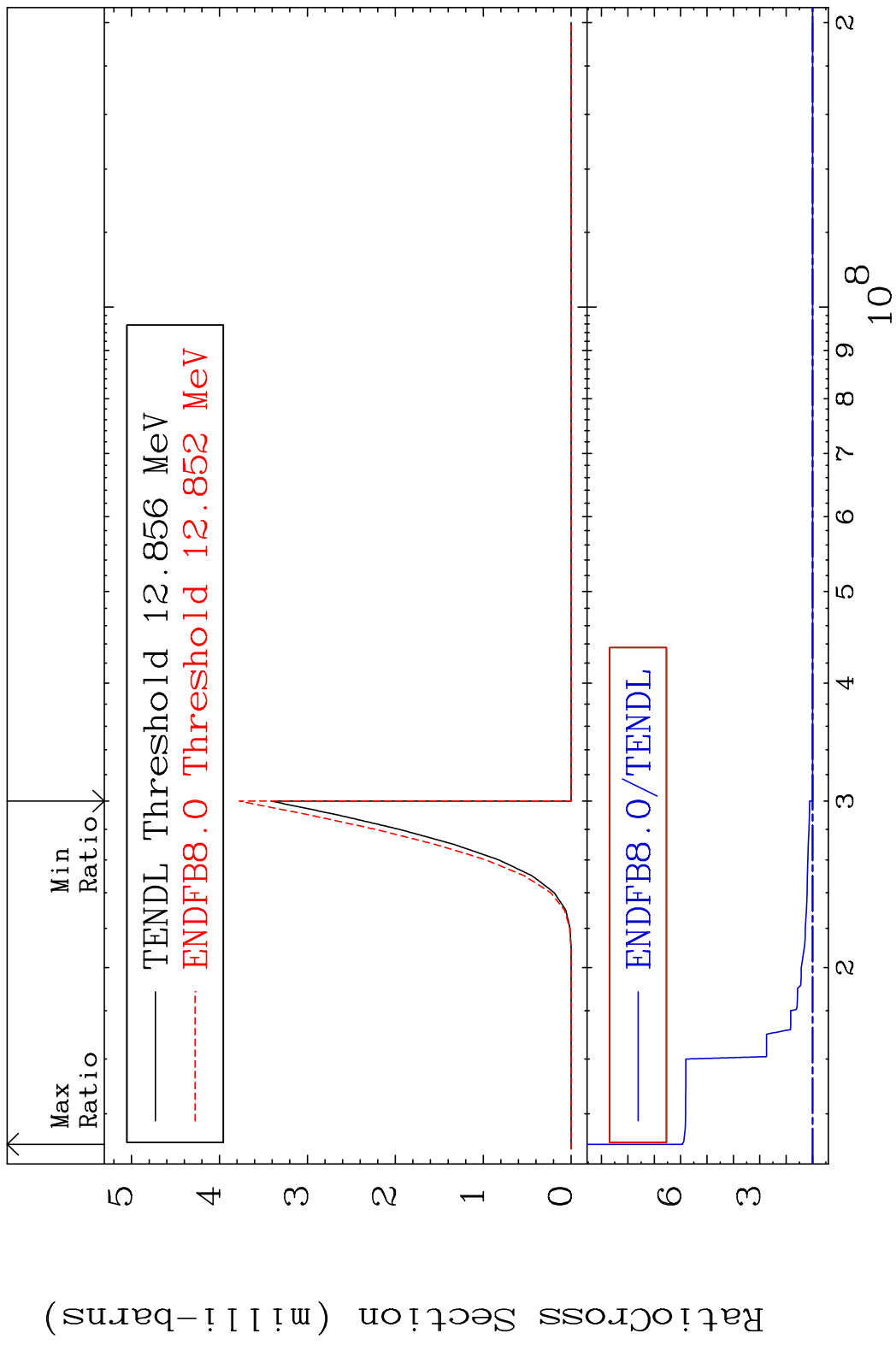
Incident Energy (eV)

78-Pt-192

MAT 7831 (n, n') d 78-Pt-192
 Cross Section -100.0 To 223.8 %



MAT 7831 (n, n') t 78-Pt-192
 Cross Section 0.000 To 493.5 %

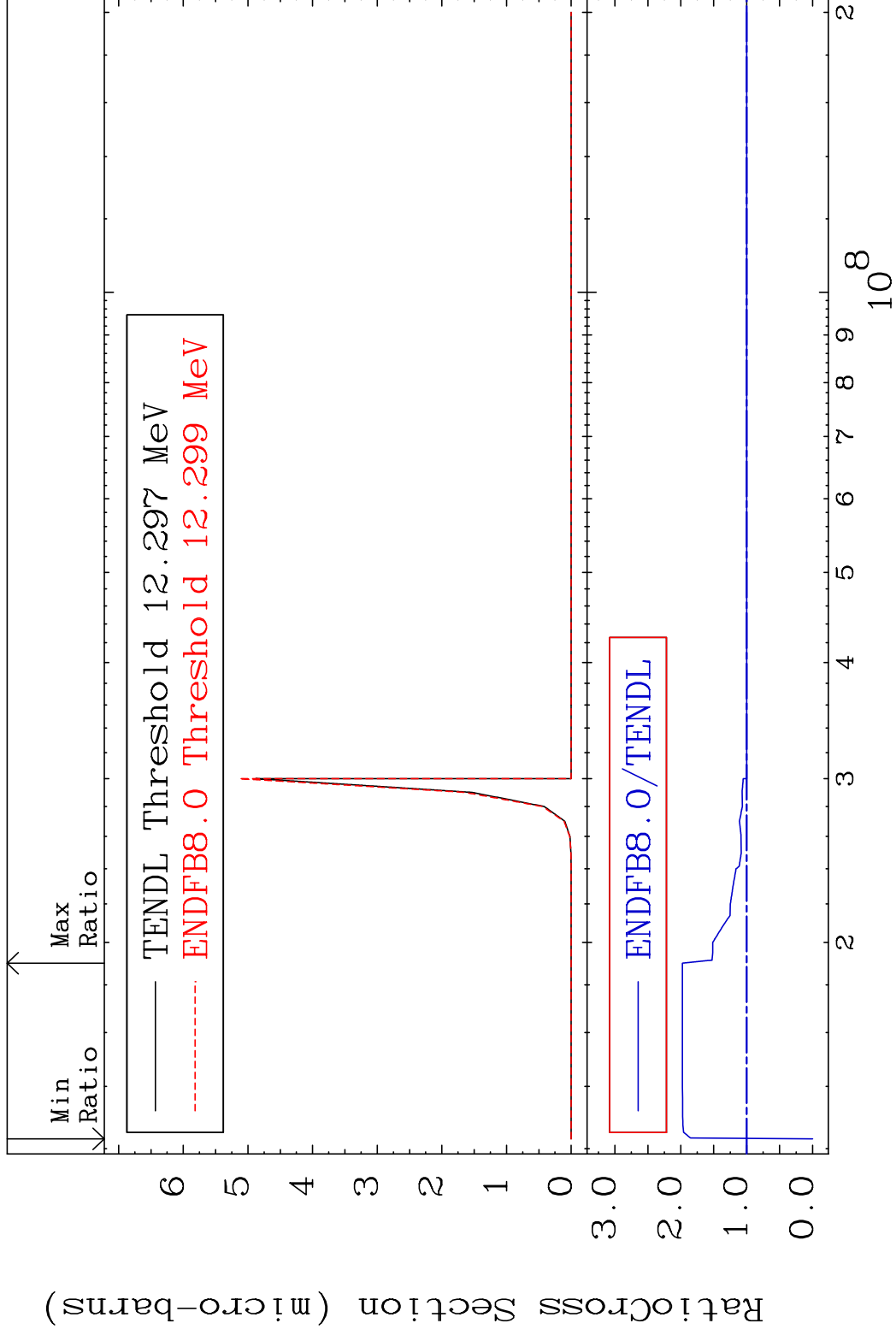


MAT 7831

(n,n') He-3

78-Pt-192

Cross Section -100.0 To 97.63 %

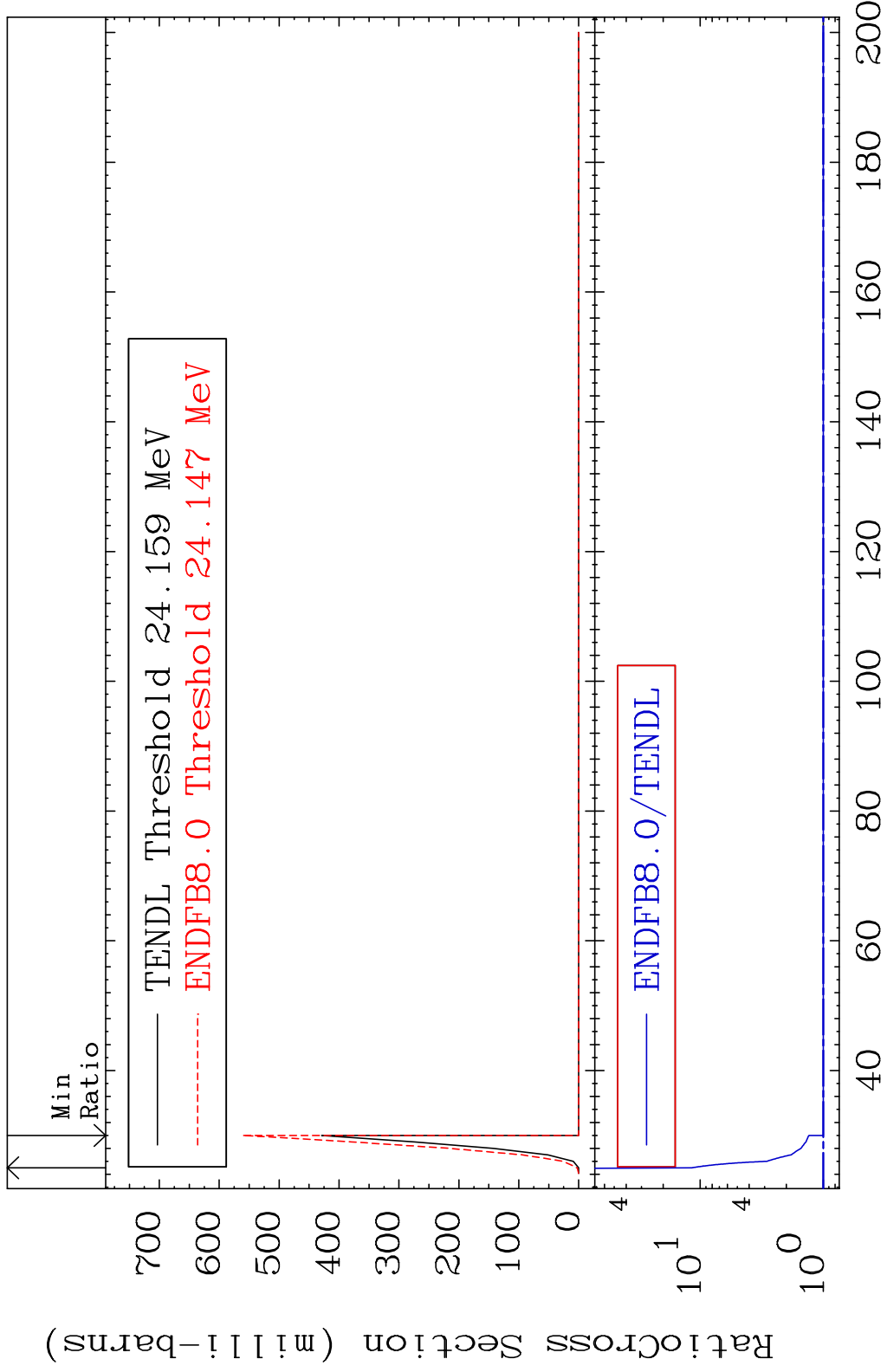


MAT 7831

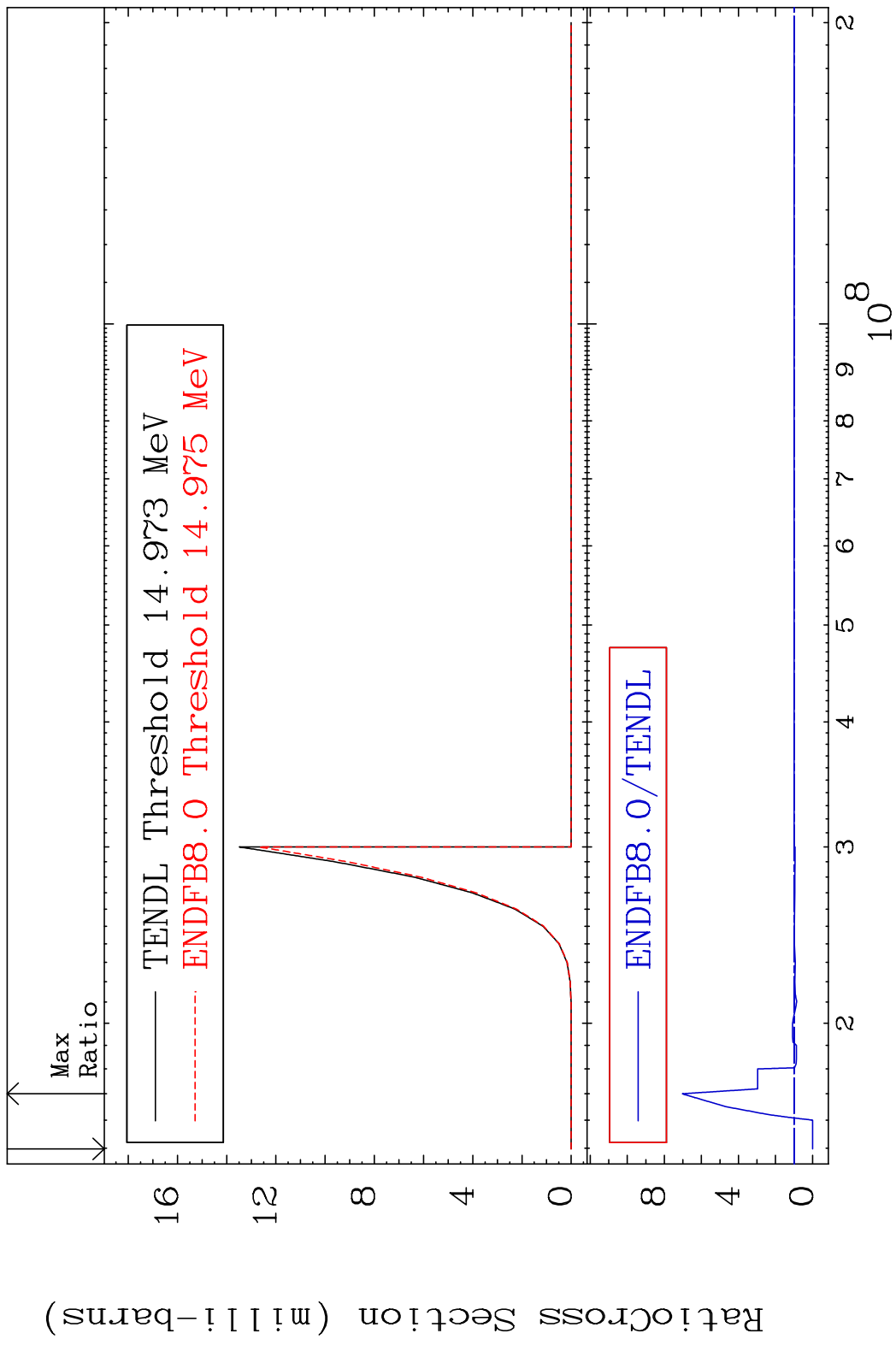
(n,4n)

78-Pt-192

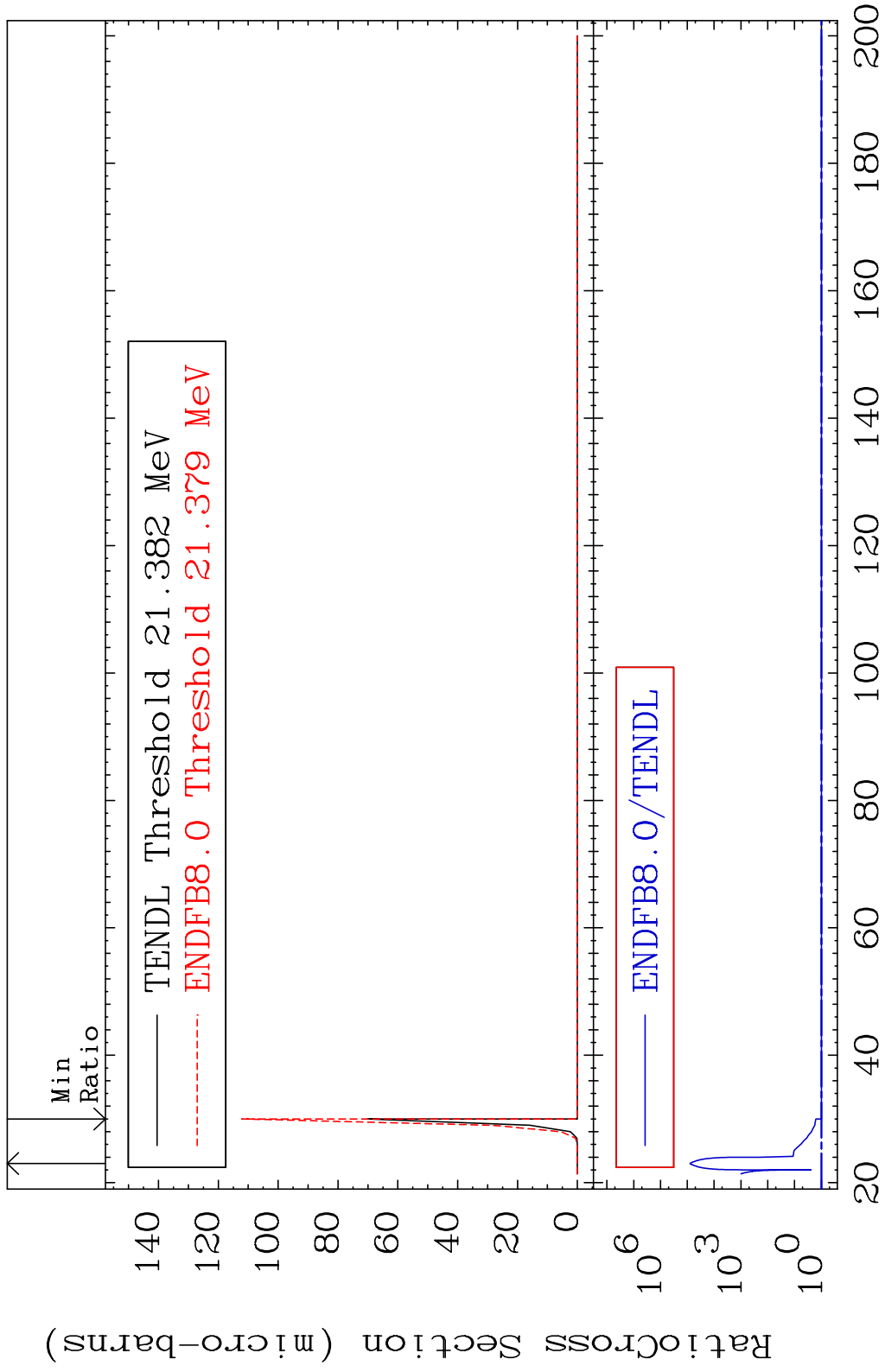
Cross Section 0.000 To 1081. %



MAT 7831 (n,2n) p 78-Pt-192
 Cross Section -100.0 To 602.9 %

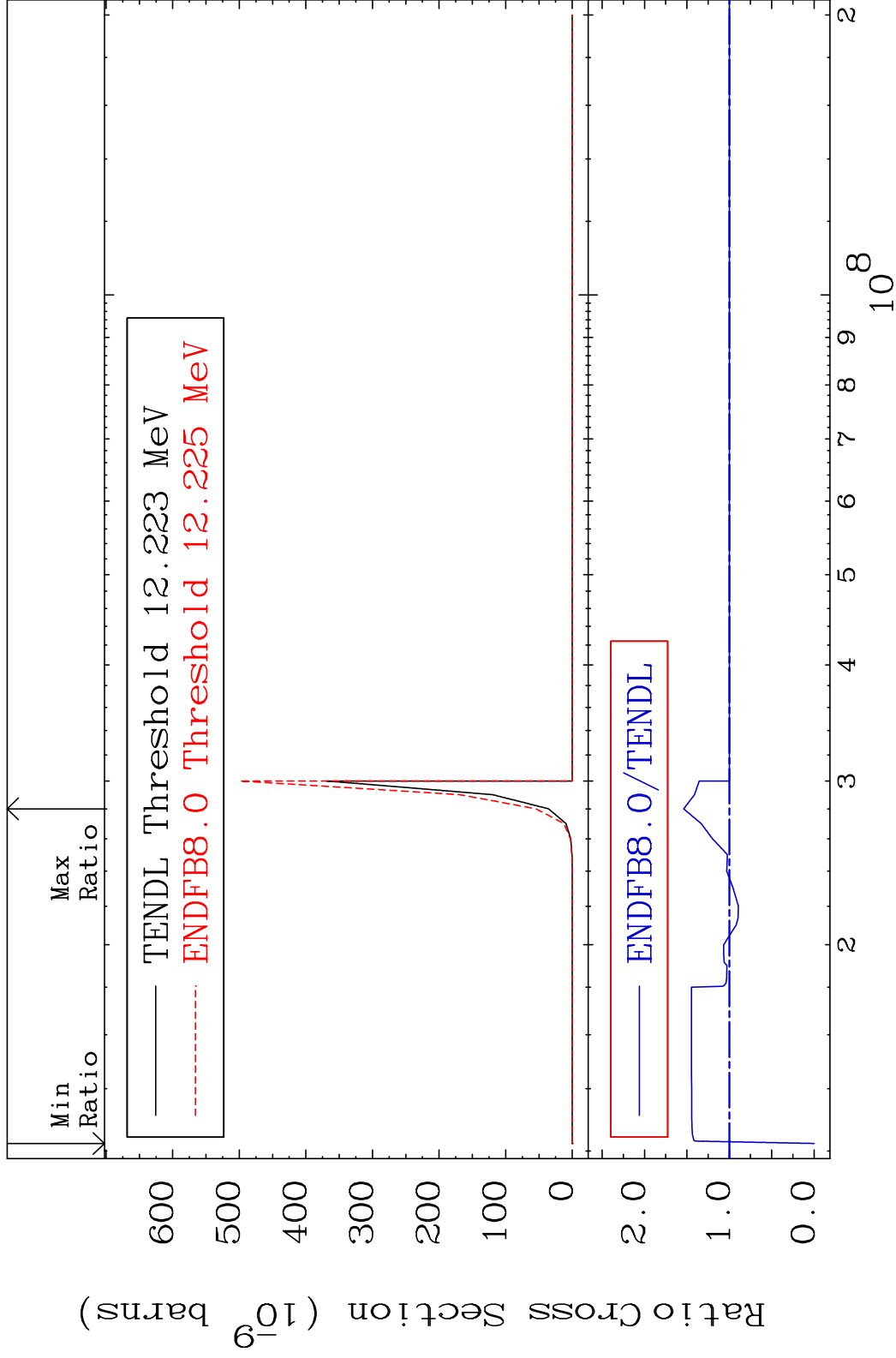


MAT 7831 (n,3n) p 78-Pt-192
 Cross Section 0.000 To 9999. %



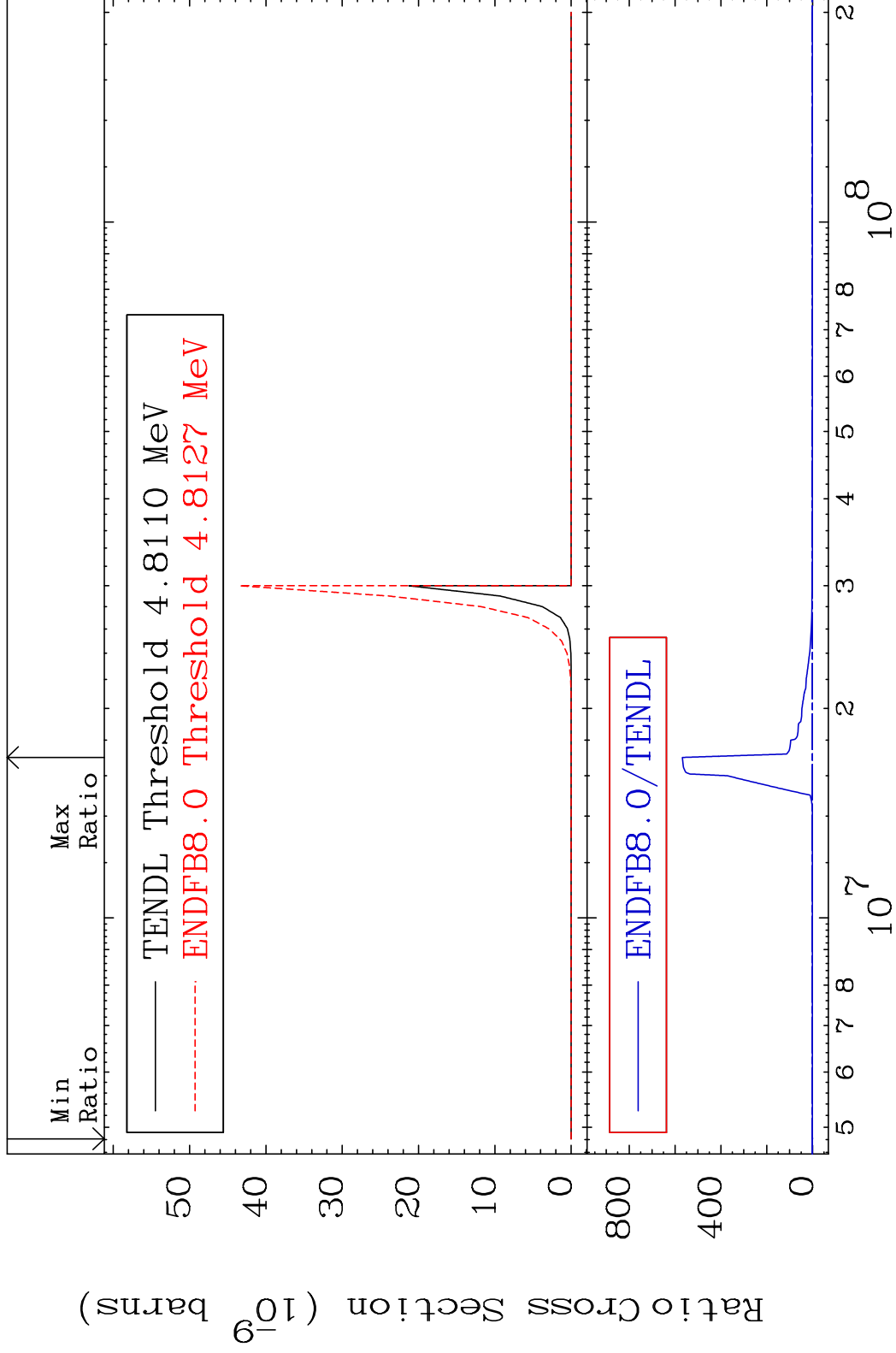
MAT 7831

(n,2n) p 78-Pt-192
Cross Section -100.0 To 53.85 %

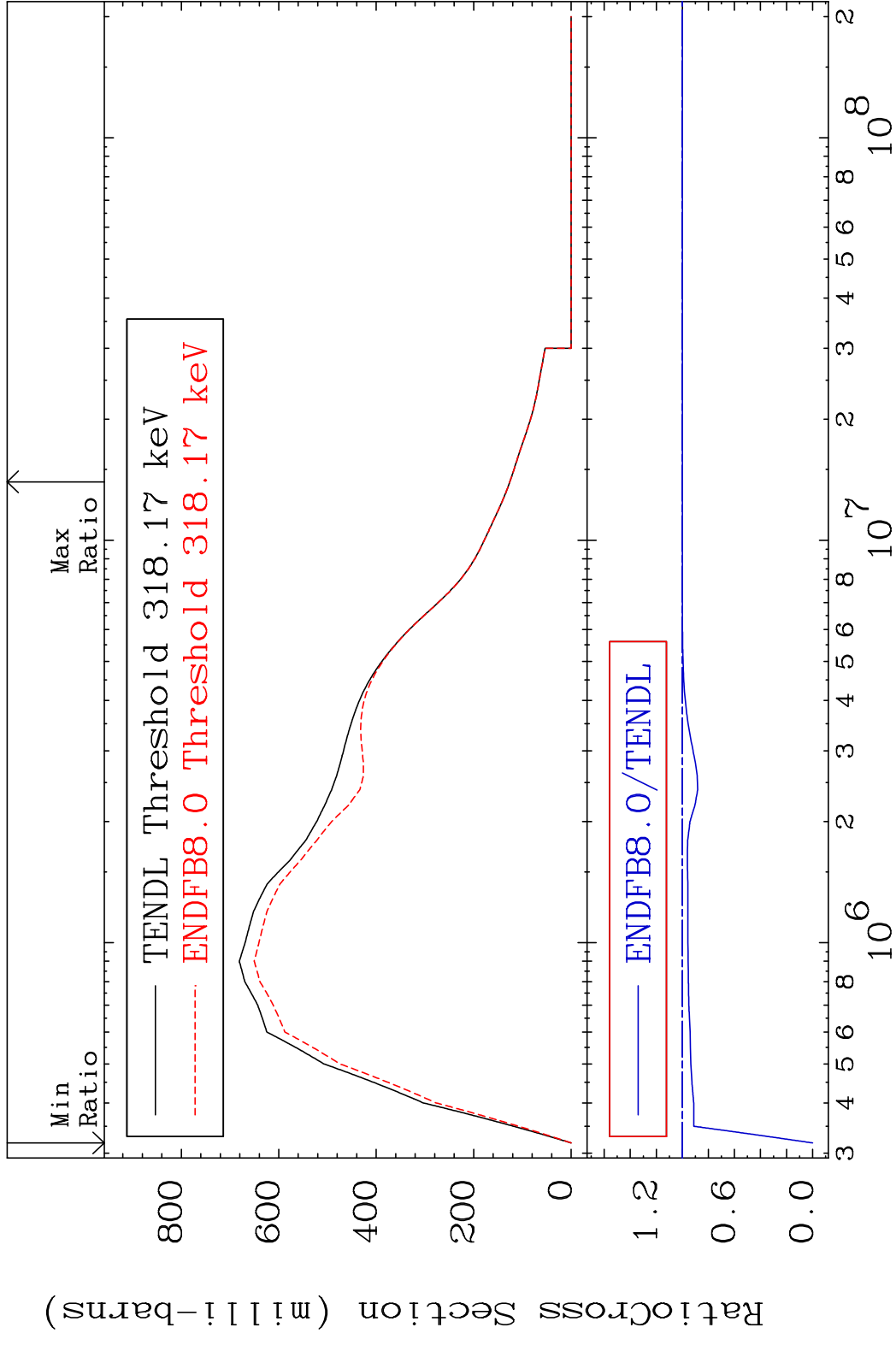


MAT 7831

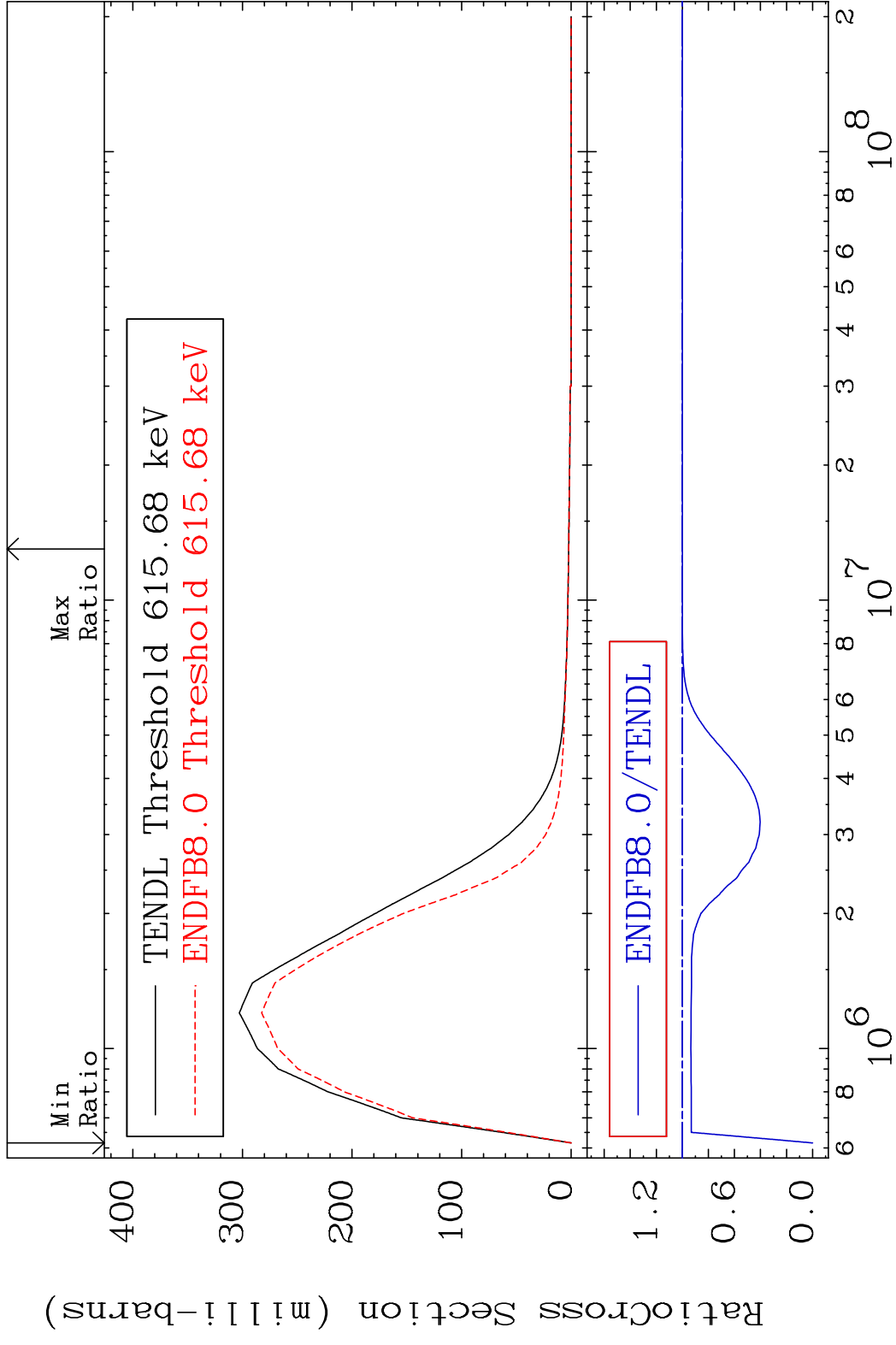
(n,n') p α 78-Pt-192
Cross Section -100.0 To 9999. %



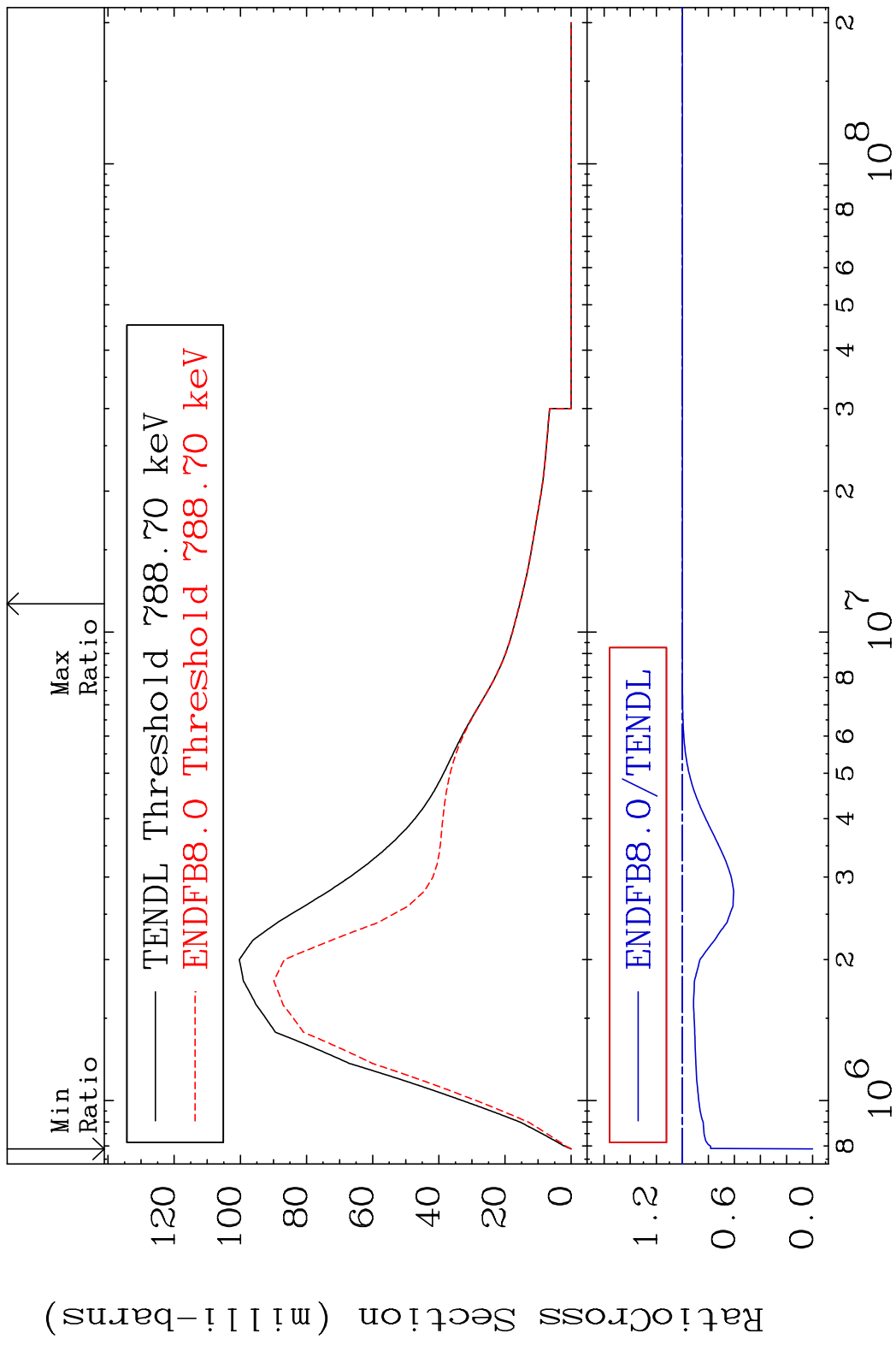
MAT 7831 MT= 51 (n, n') Level 78-Pt-192
 Cross Section -100.0 To 0.000 %



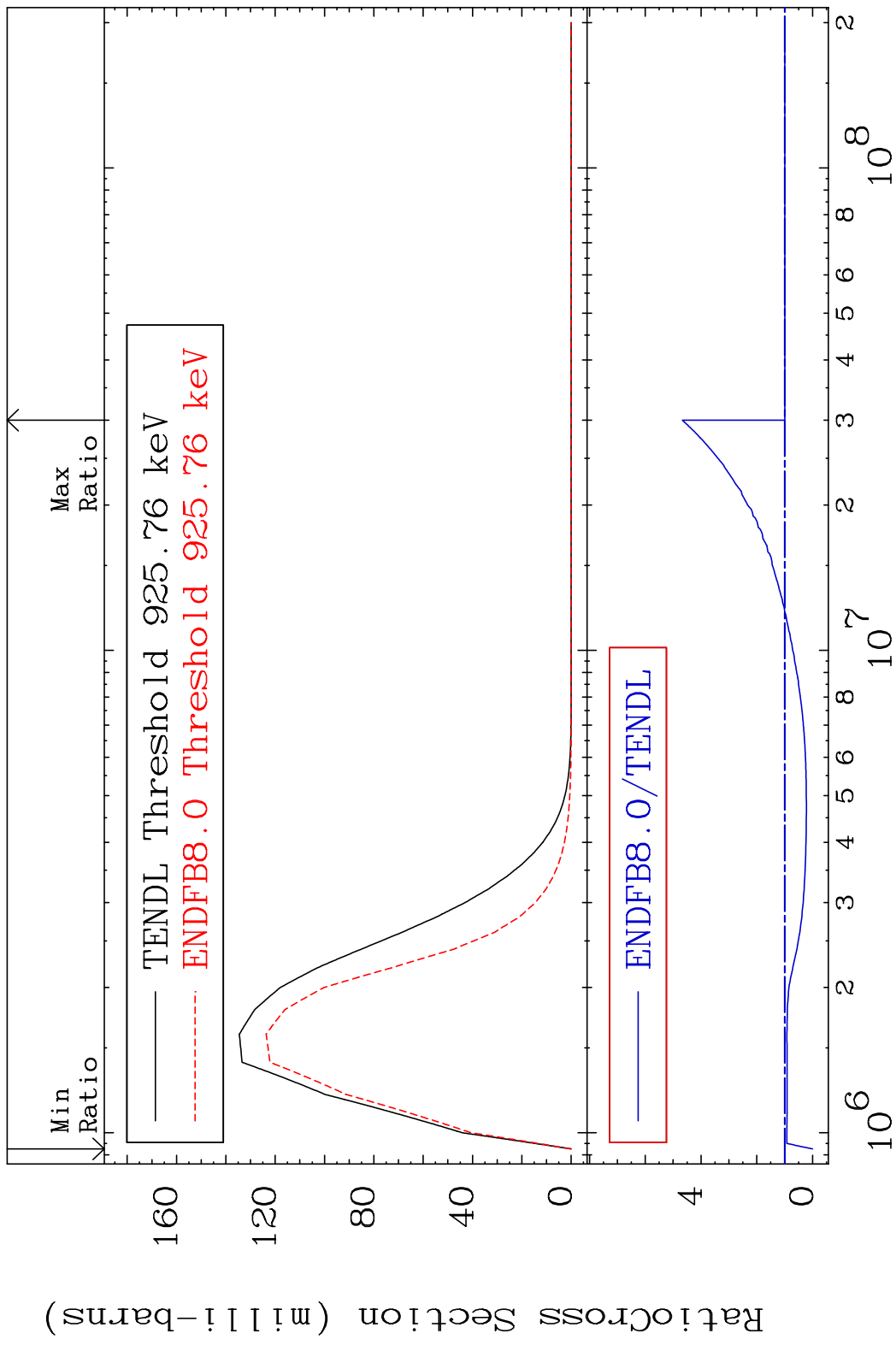
MAT 7831 MT= 52 (n, n') Level 78-Pt-192
 Cross Section -100.0 To 0.000 %



MAT 7831 MT= 53 (n, n') Level 78-Pt-192
 Cross Section -100.0 To 0.000 %

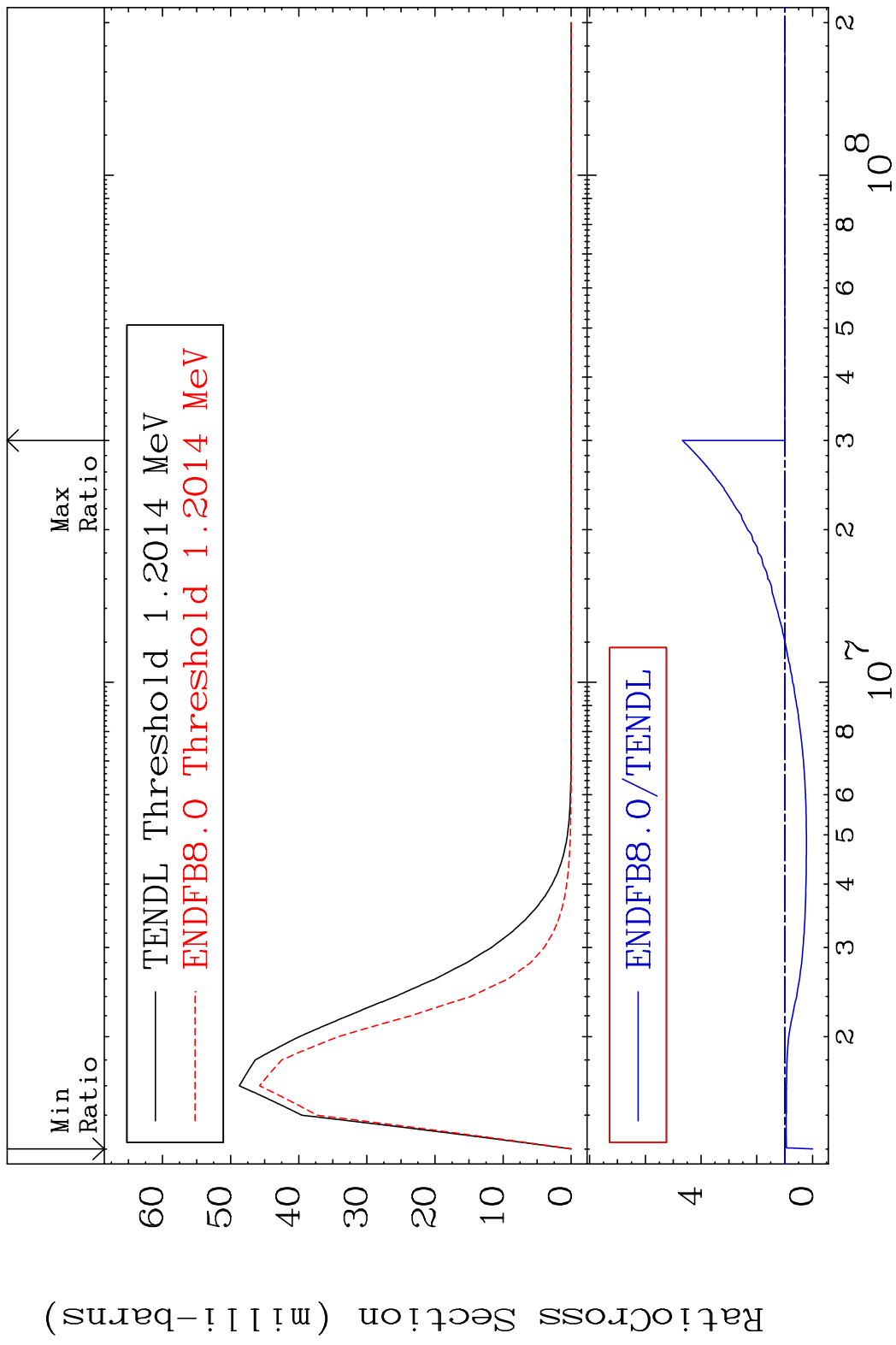


MAT 7831 MT= 54 (n, n') Level 78-Pt-192
 Cross Section -100.0 To 367.0 %

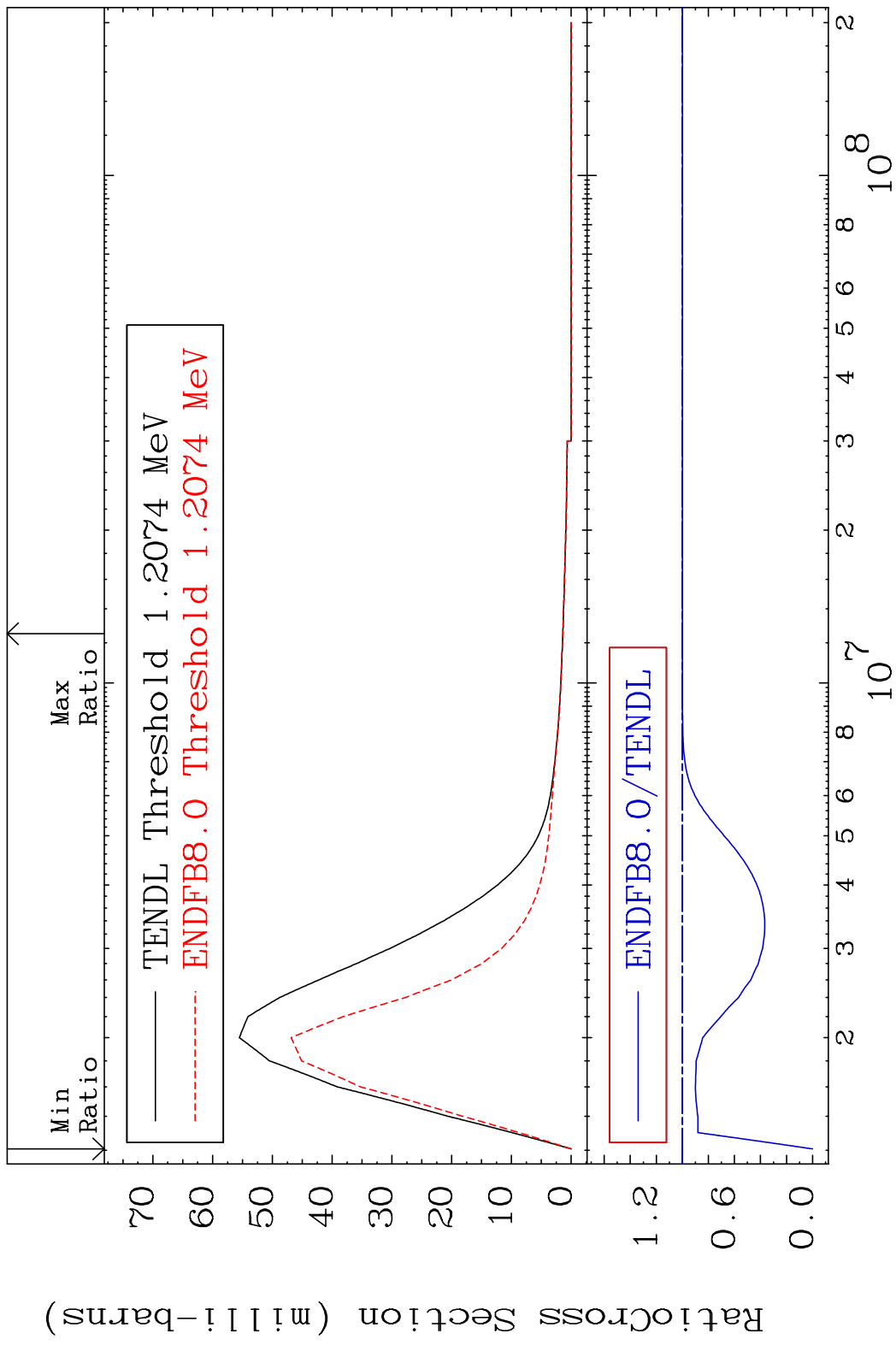


23 Incident Energy (eV) 78-Pt-192

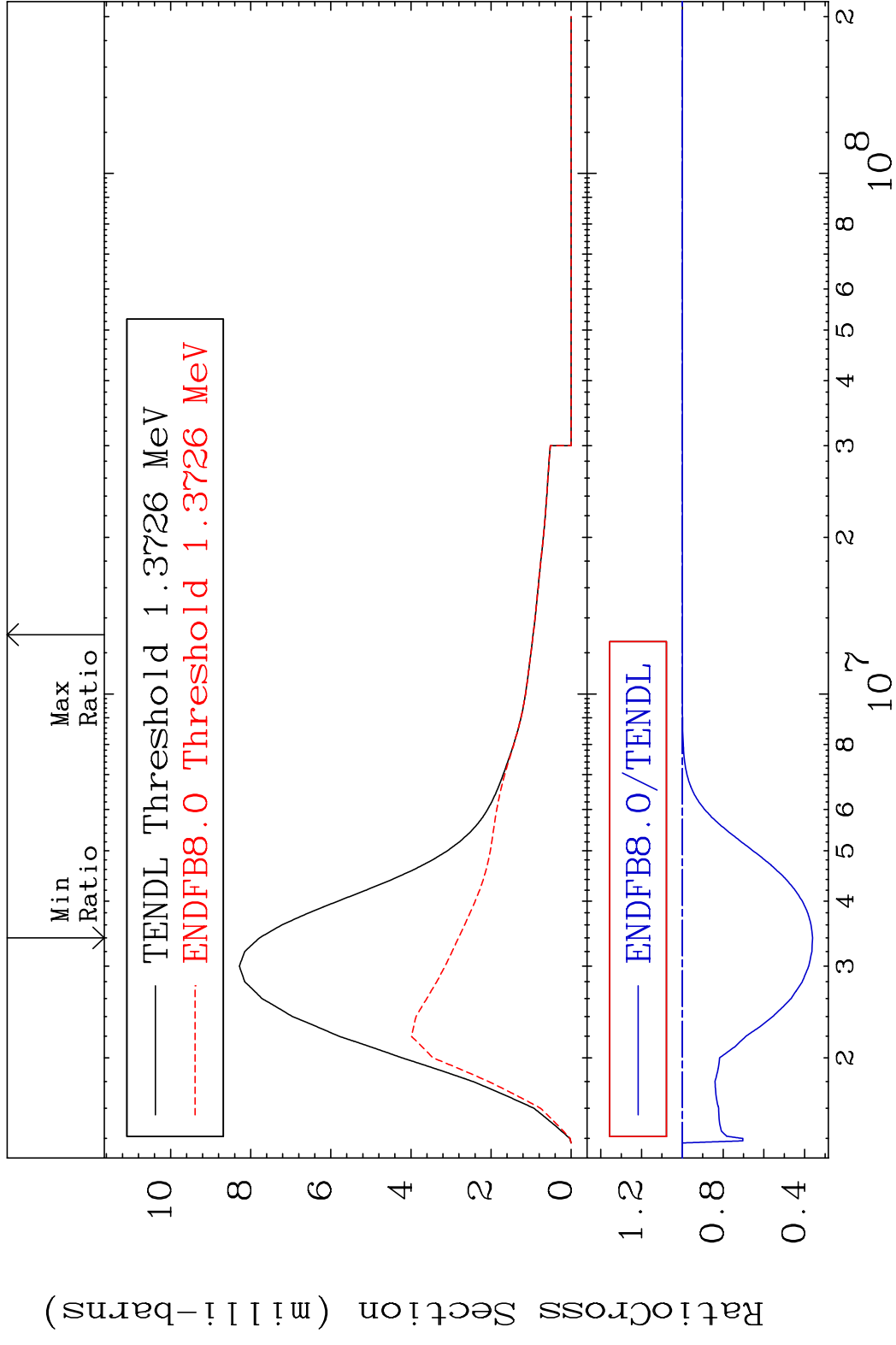
MAT 7831 MT= 55 (n, n') Level 78-Pt-192
 Cross Section -100.0 To 367.2 %



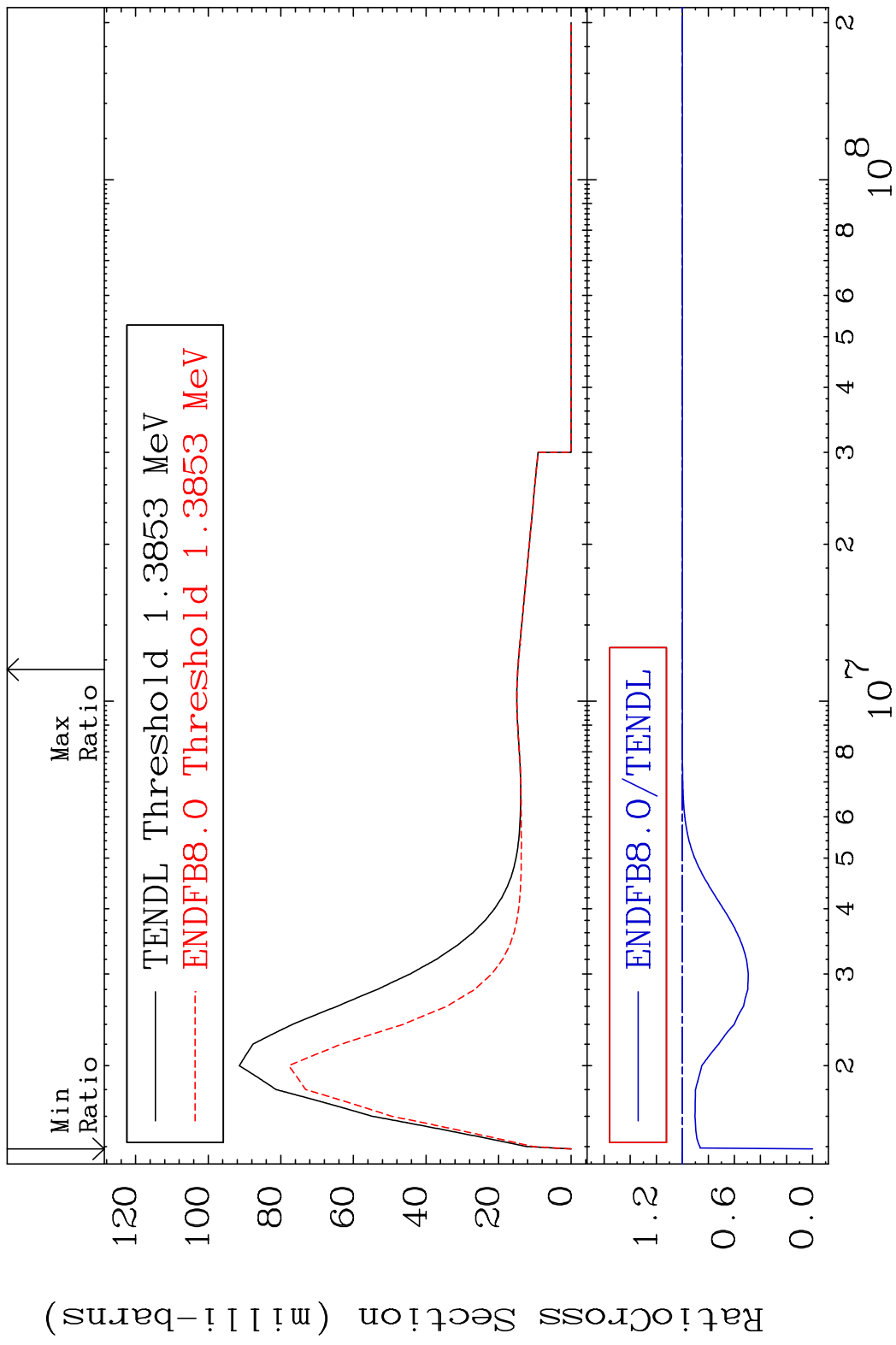
MAT 7831 MT= 56 (n, n') Level 78-Pt-192
 Cross Section -100.0 To 0.000 %



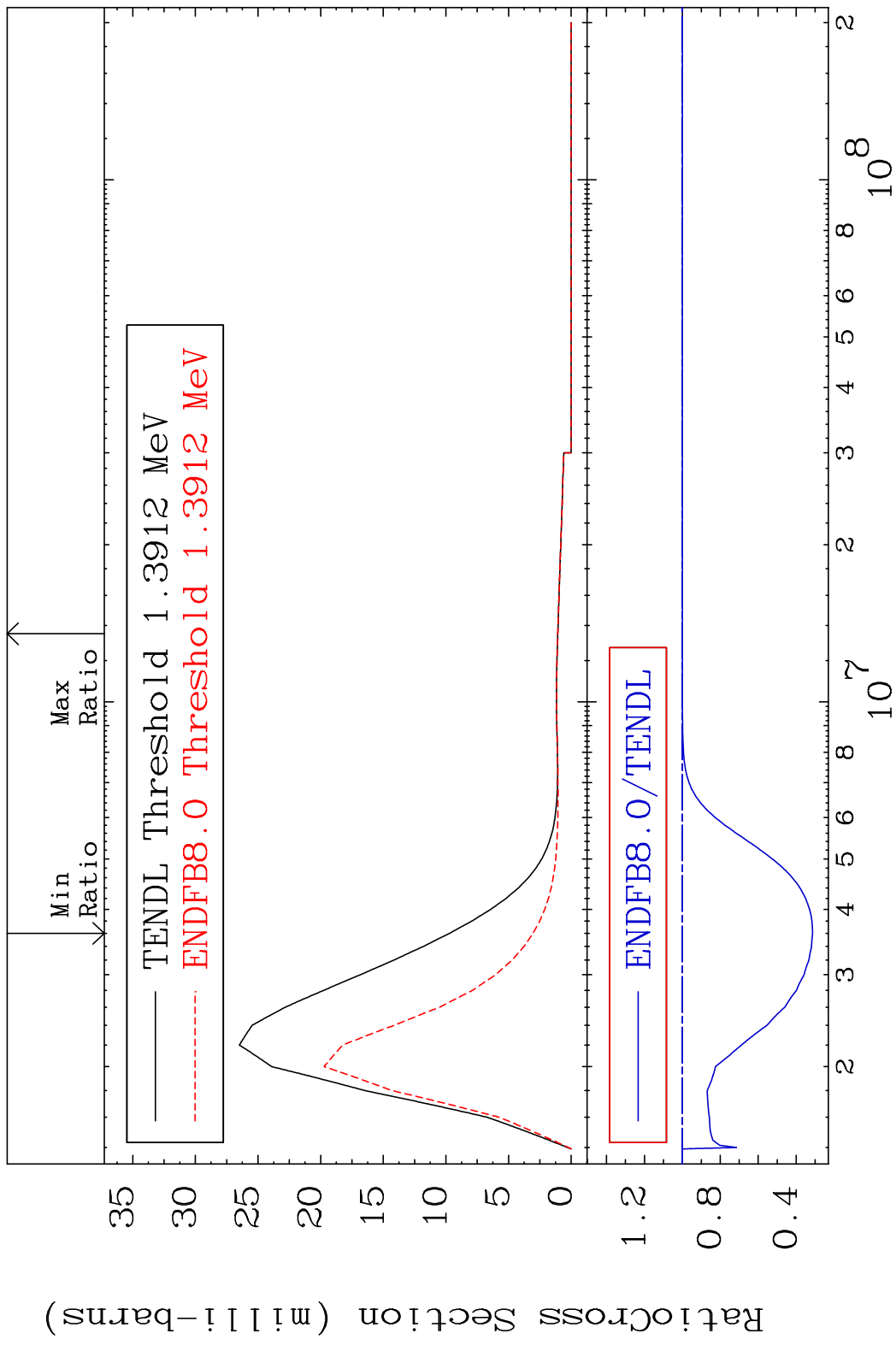
MAT 7831 MT= 57 (n, n') Level 78-Pt-192
 Cross Section -63.87 To 0.000 %



MAT 7831 MT= 58 (n,n') Level 78-Pt-192
 Cross Section -100.0 To 0.000 %



MAT 7831 MT= 59 (n, n') Level 78-Pt-192
 Cross Section -68.66 To 0.000 %

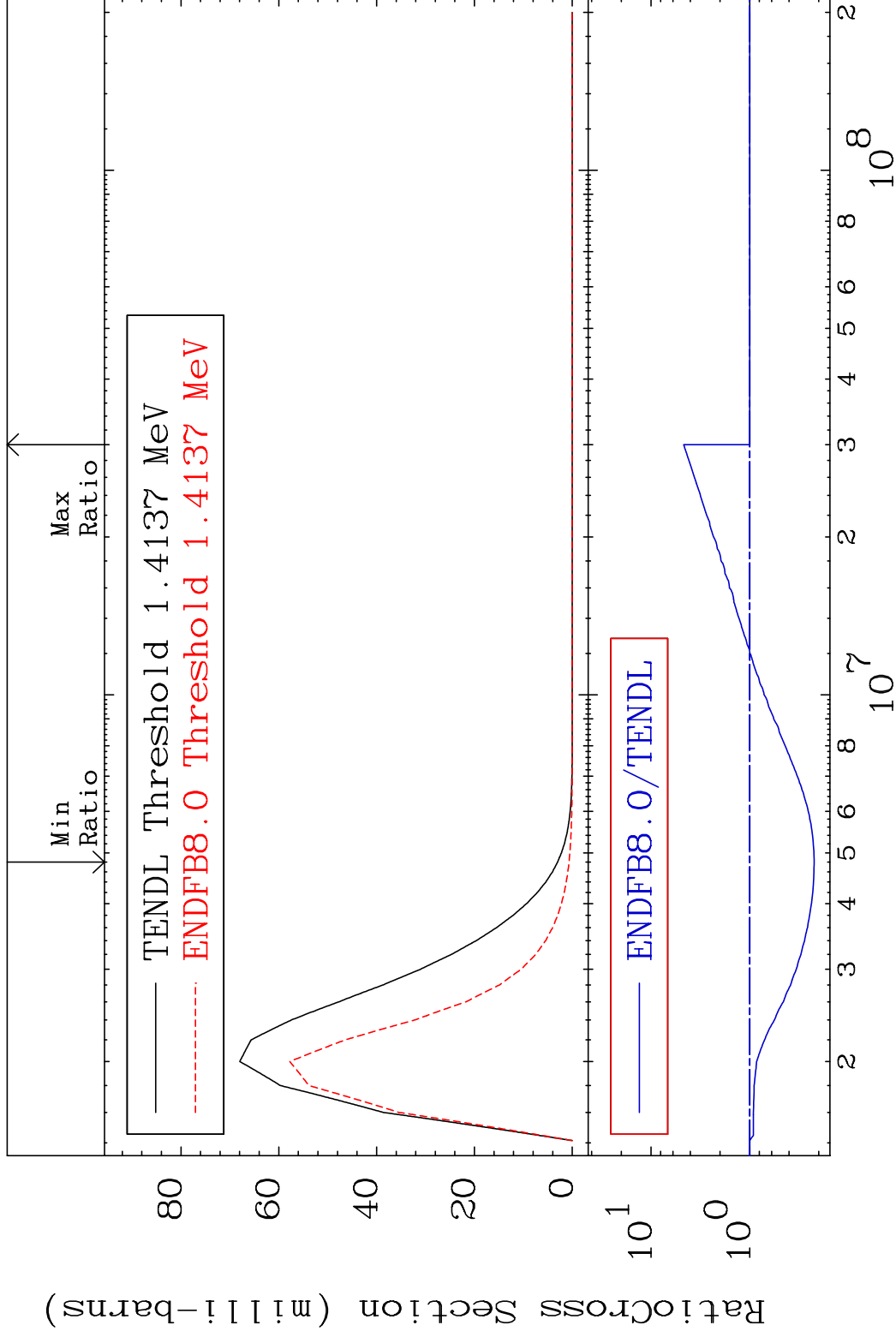


MAT 7831

MT= 60 (n, n') Level

78-Pt-192

Cross Section -77.76 To 367.0 %

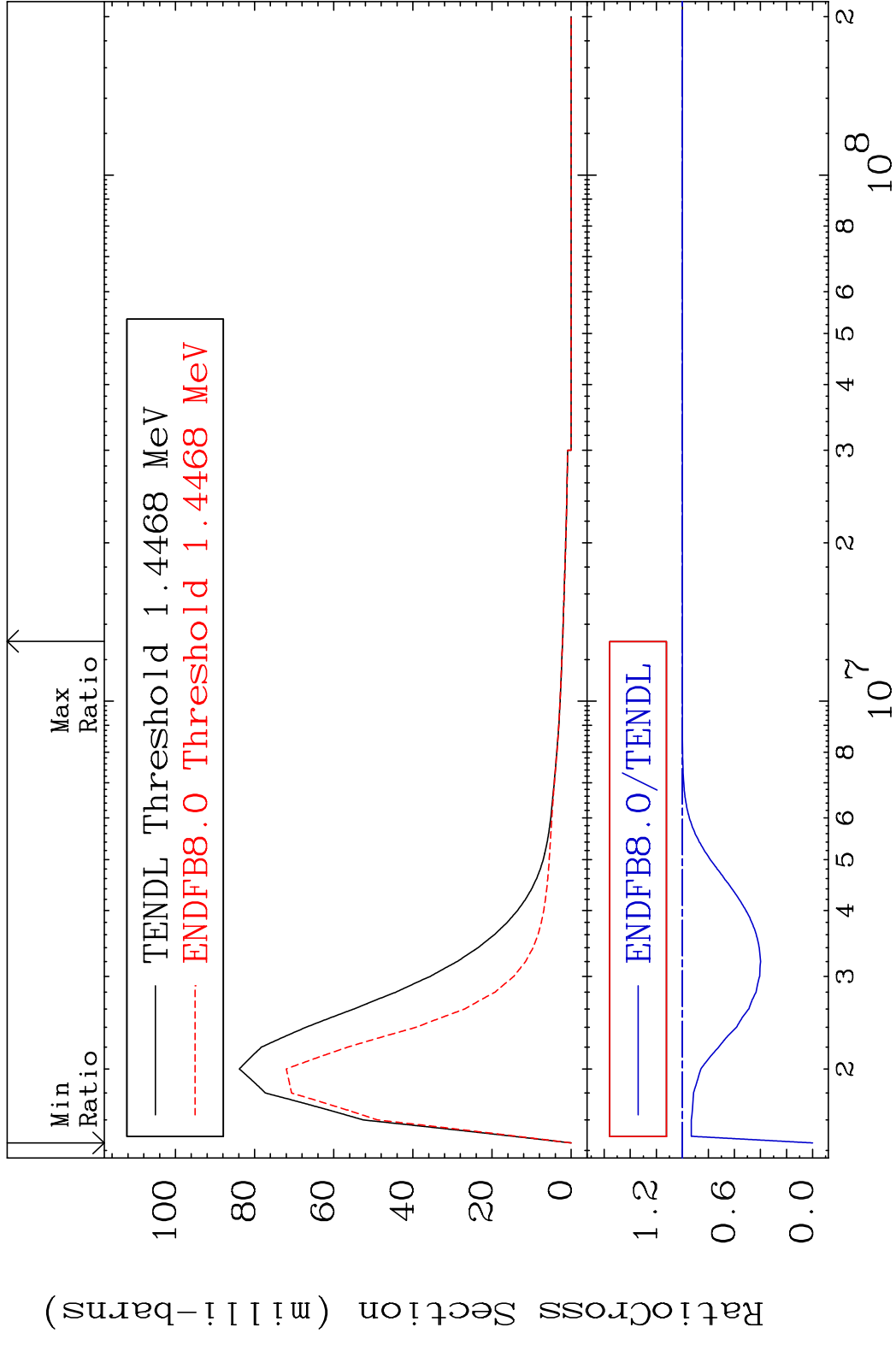


29

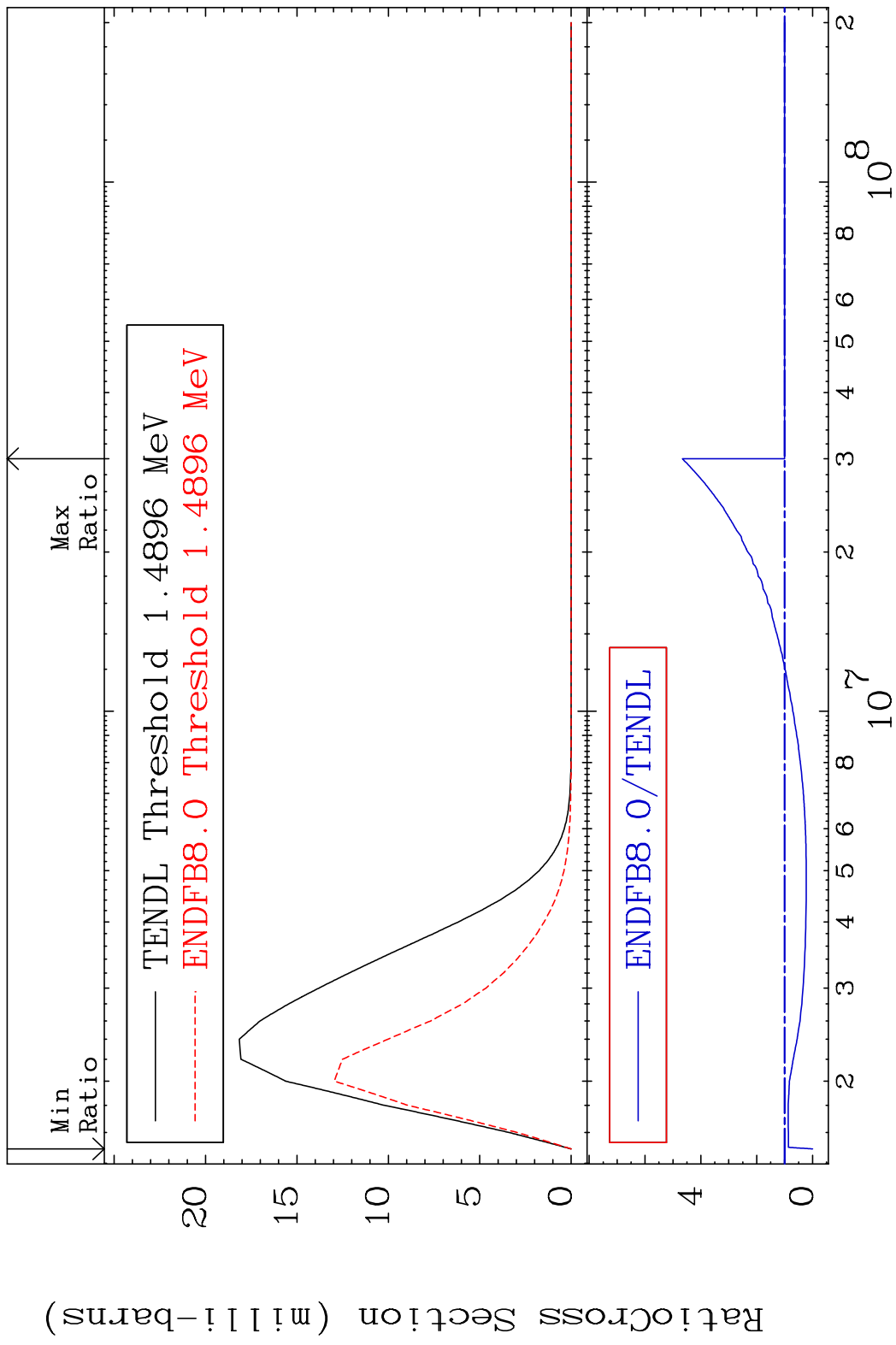
Incident Energy (eV)

78-Pt-192

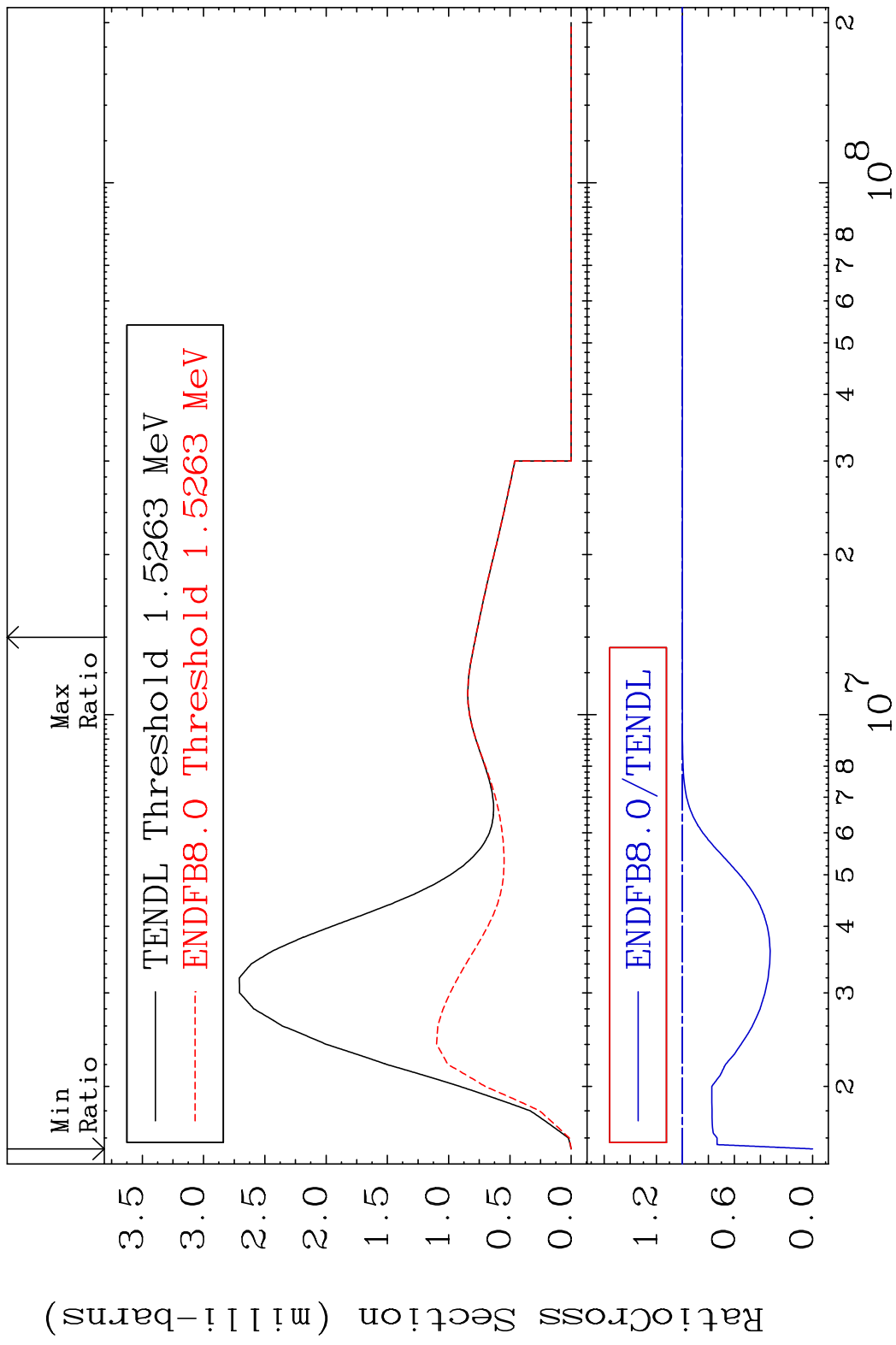
MAT 7831 MT= 61 (n, n') Level 78-Pt-192
 Cross Section -100.0 To 0.000 %



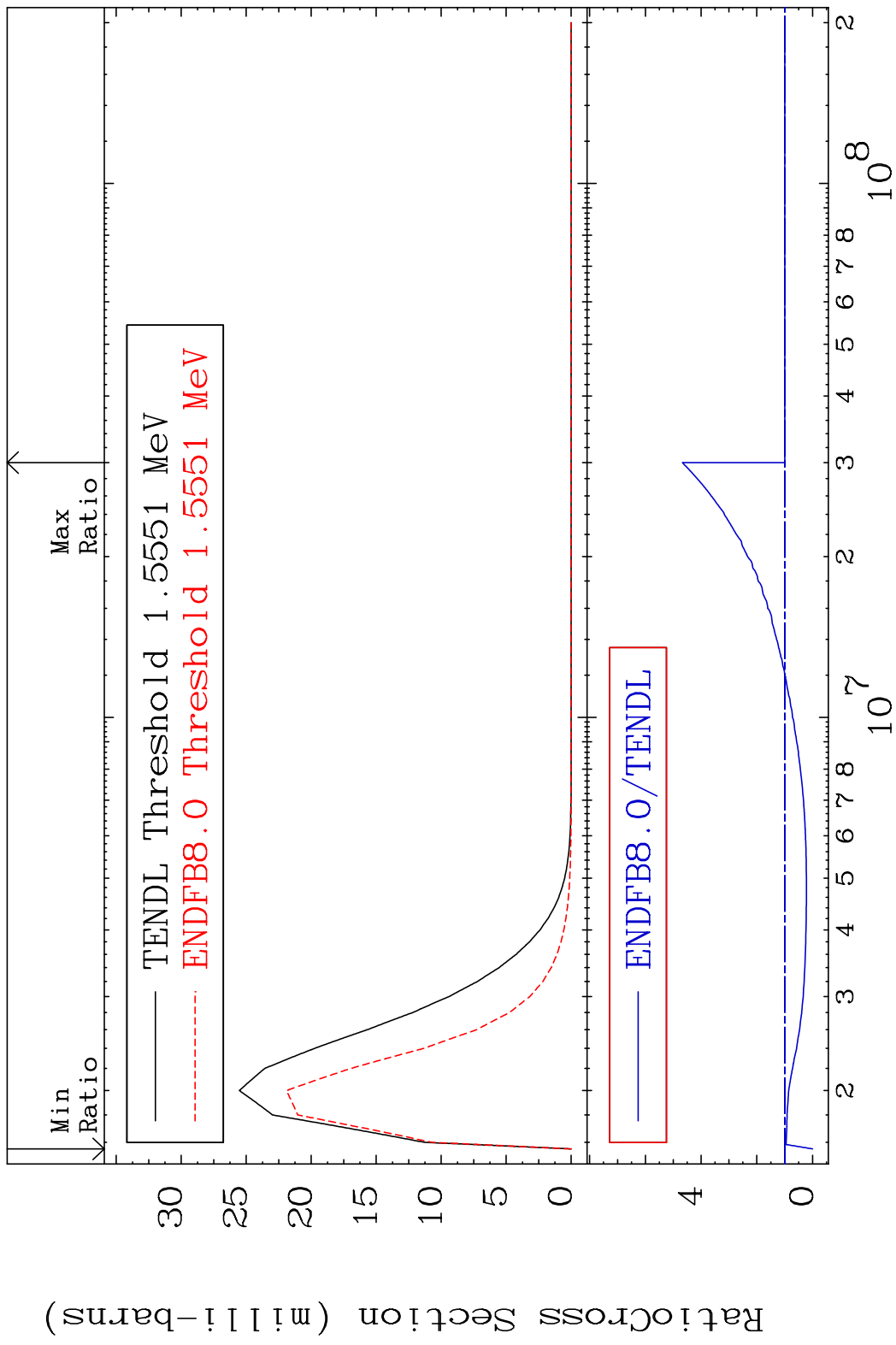
MAT 7831 MT= 62 (n, n') Level 78-Pt-192
 Cross Section -100.0 To 366.3 %



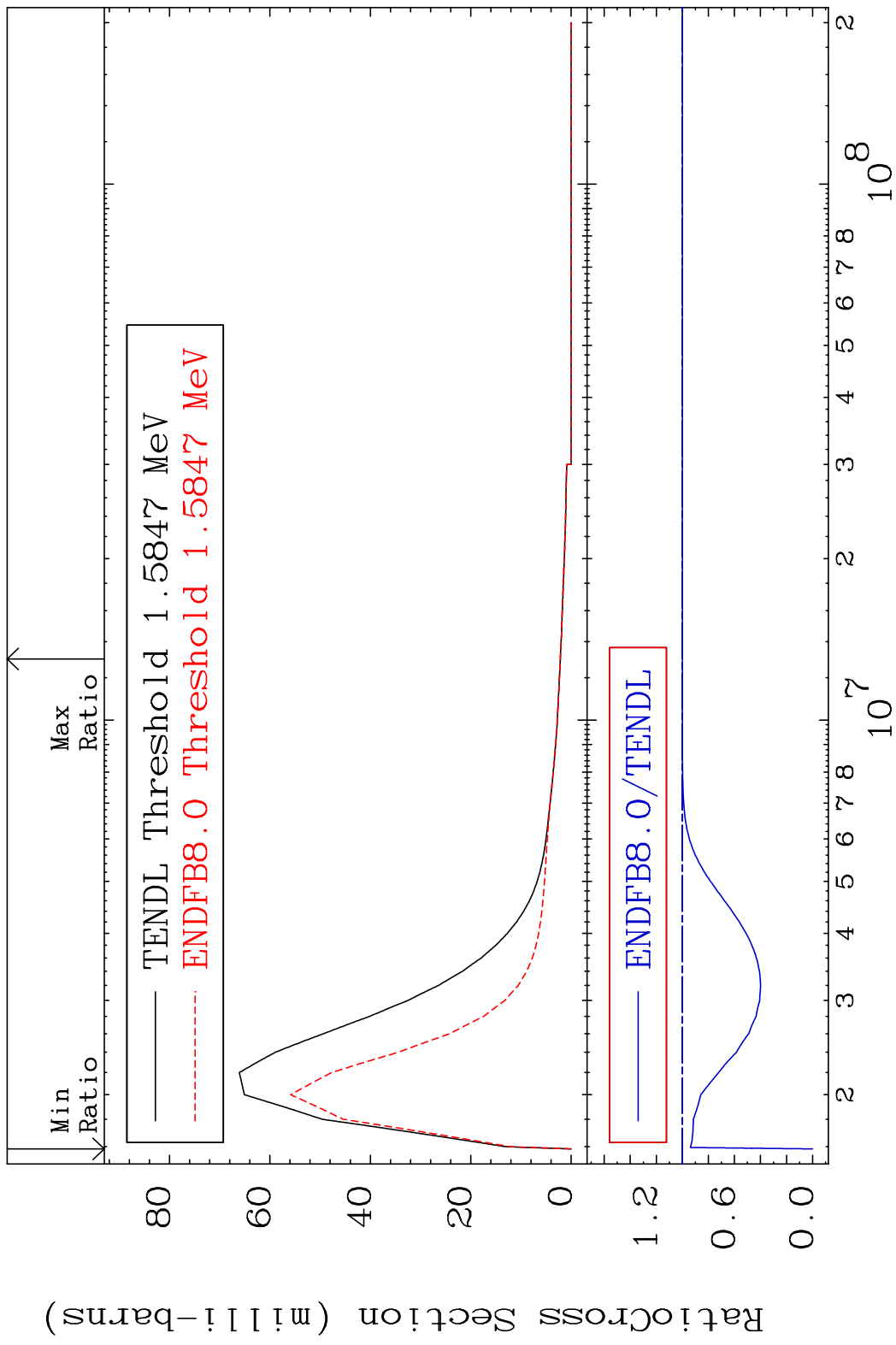
MAT 7831 MT= 63 (n, n') Level 78-Pt-192
 Cross Section -100.0 To 0.000 %



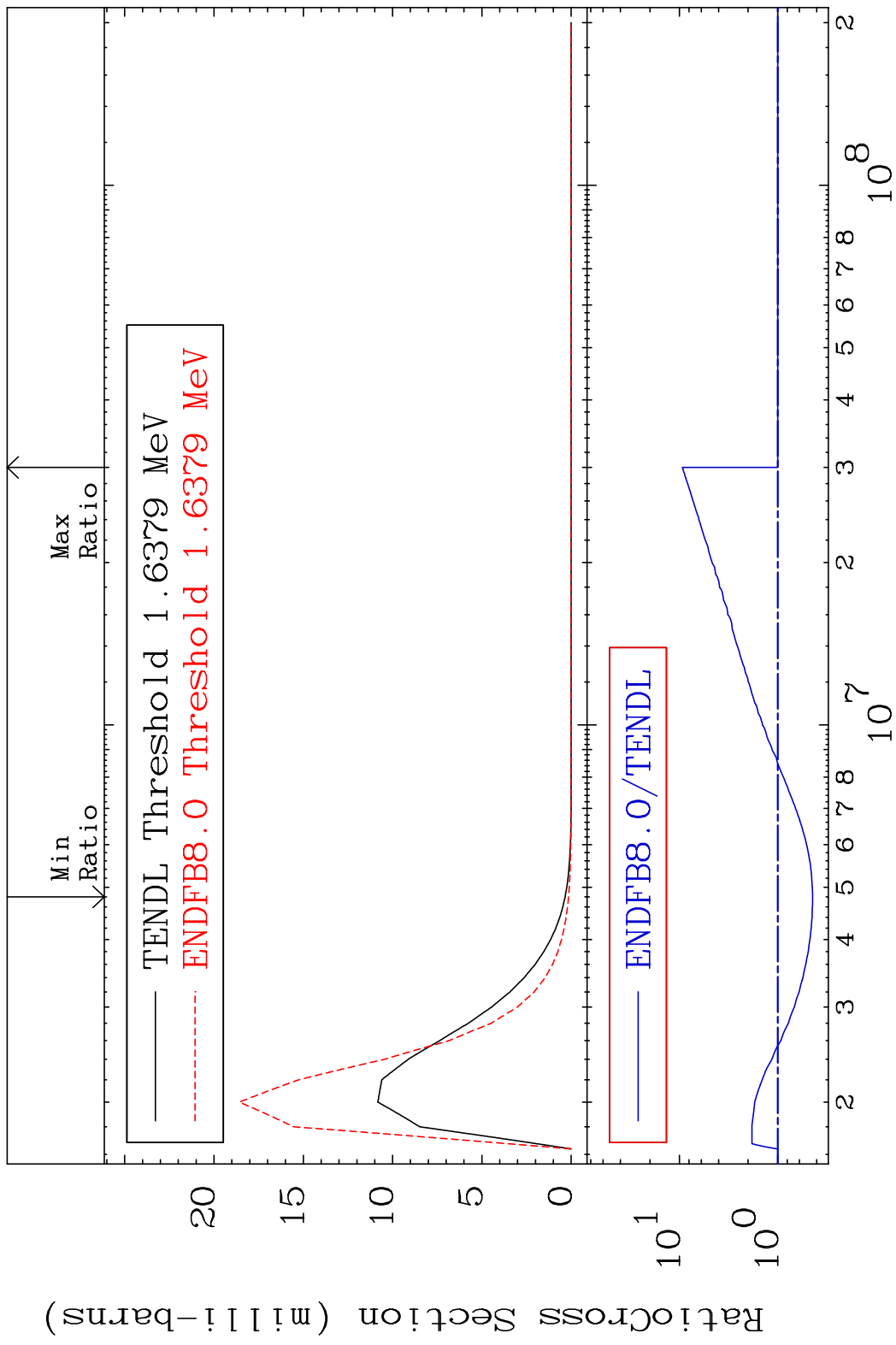
MAT 7831 MT= 64 (n, n') Level 78-Pt-192
 Cross Section -100.0 To 367.3 %



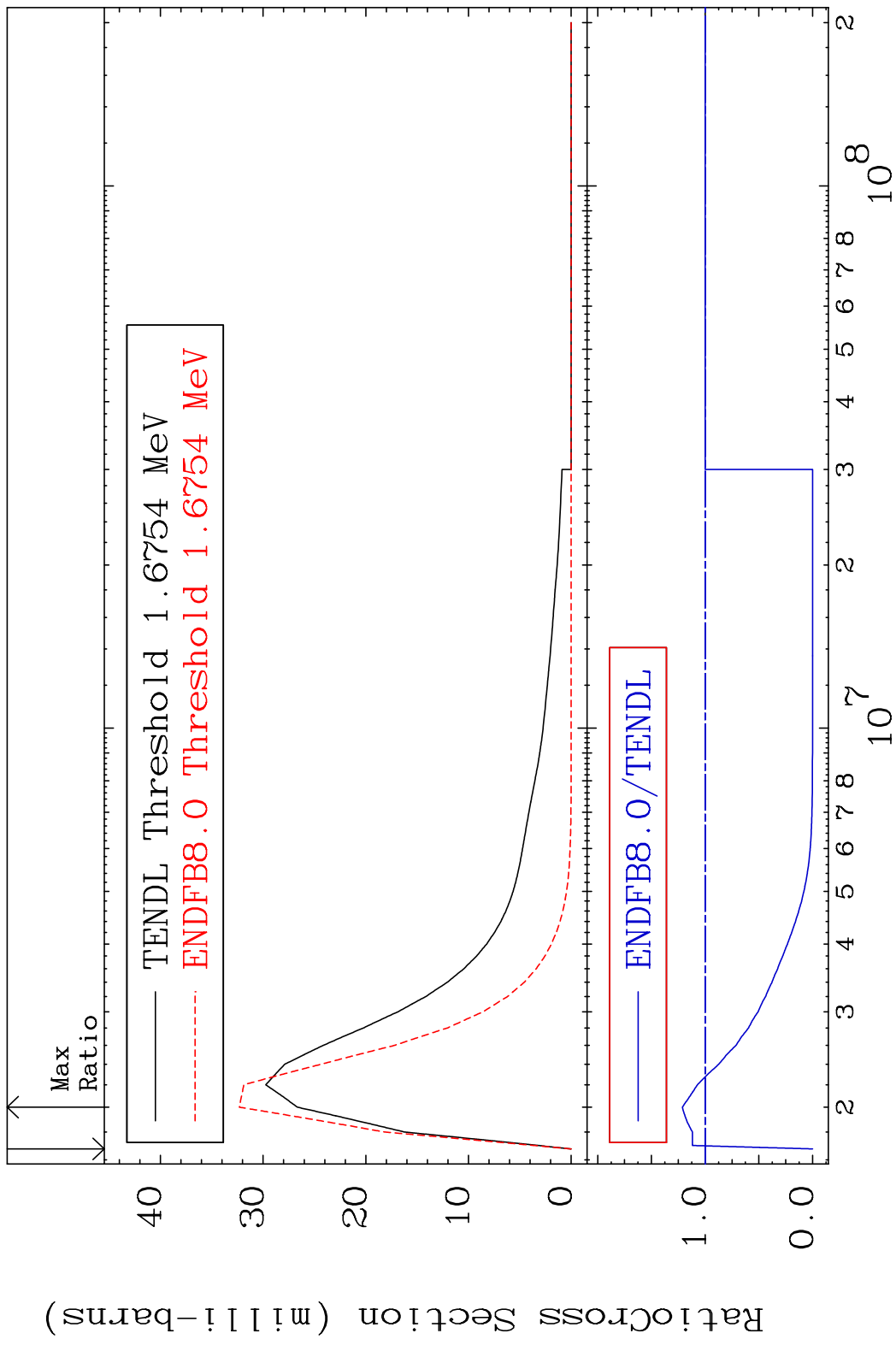
MAT 7831 MT= 65 (n, n') Level 78-Pt-192
 Cross Section -100.0 To 0.000 %



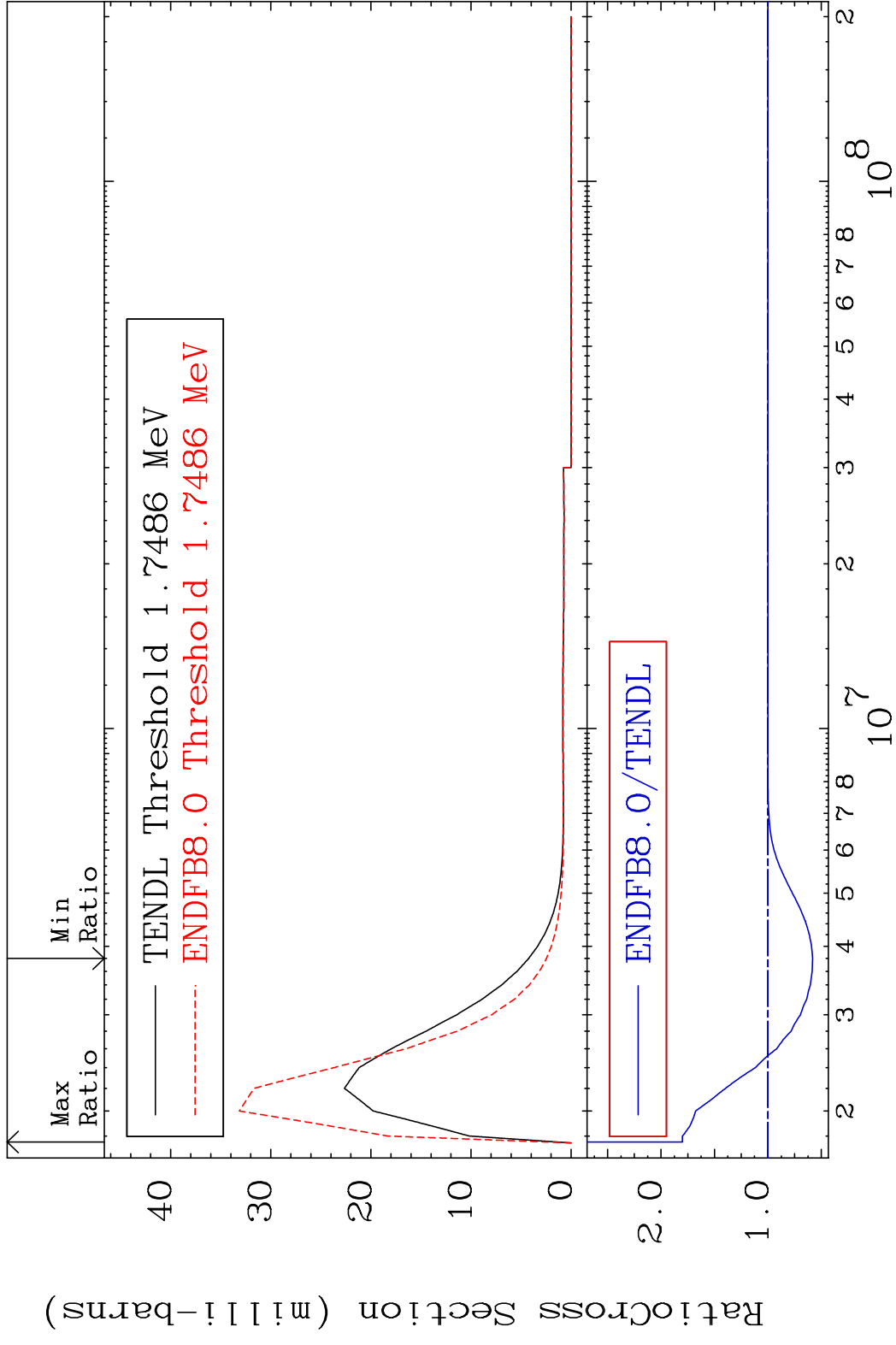
MAT 7831 MT= 66 (n, n') Level 78-Pt-192
 Cross Section -55.84 To 834.6 %



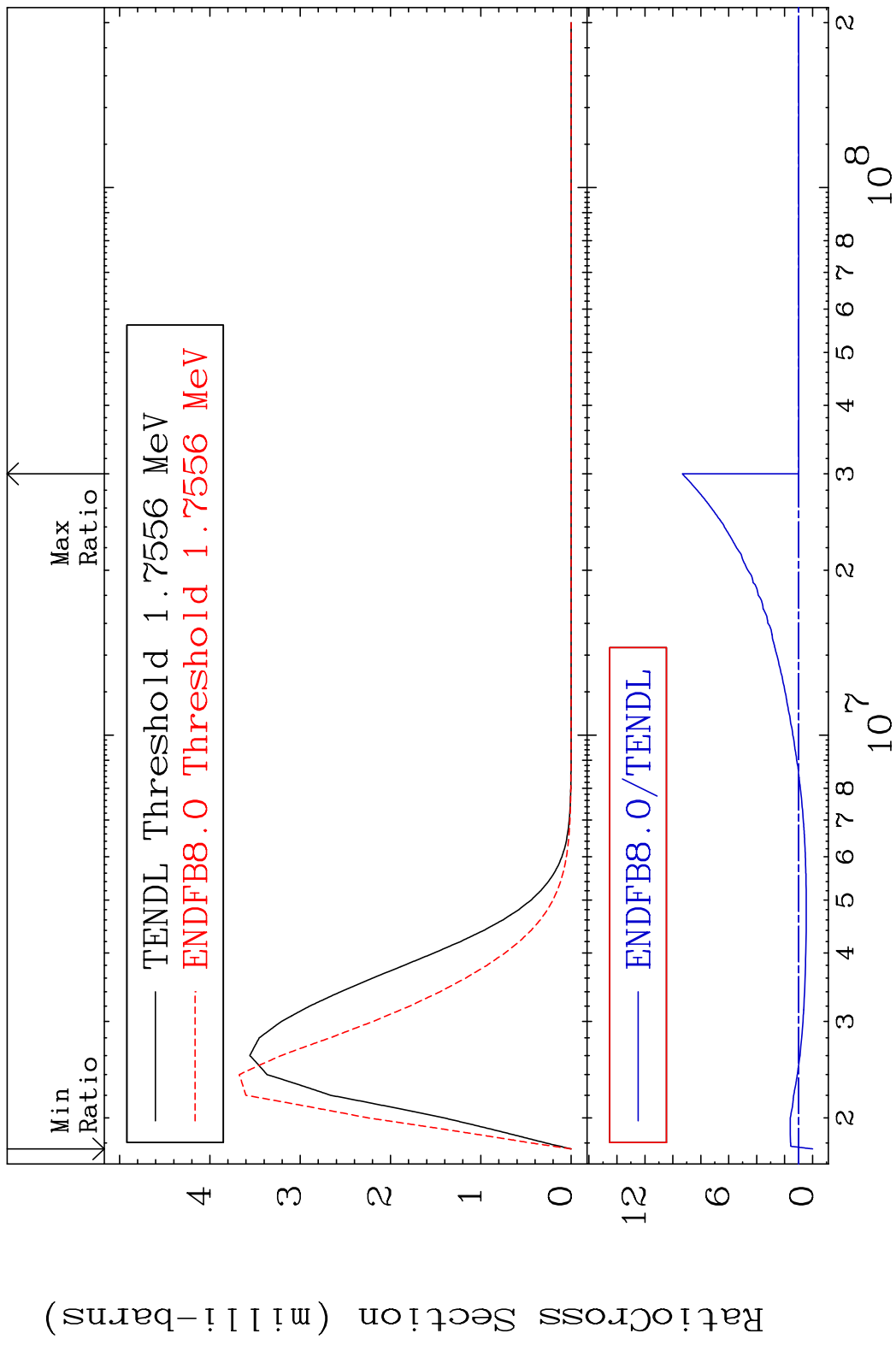
MAT 7831 MT= 67 (n,n') Level 78-Pt-192
 Cross Section -100.0 To 21.21 %



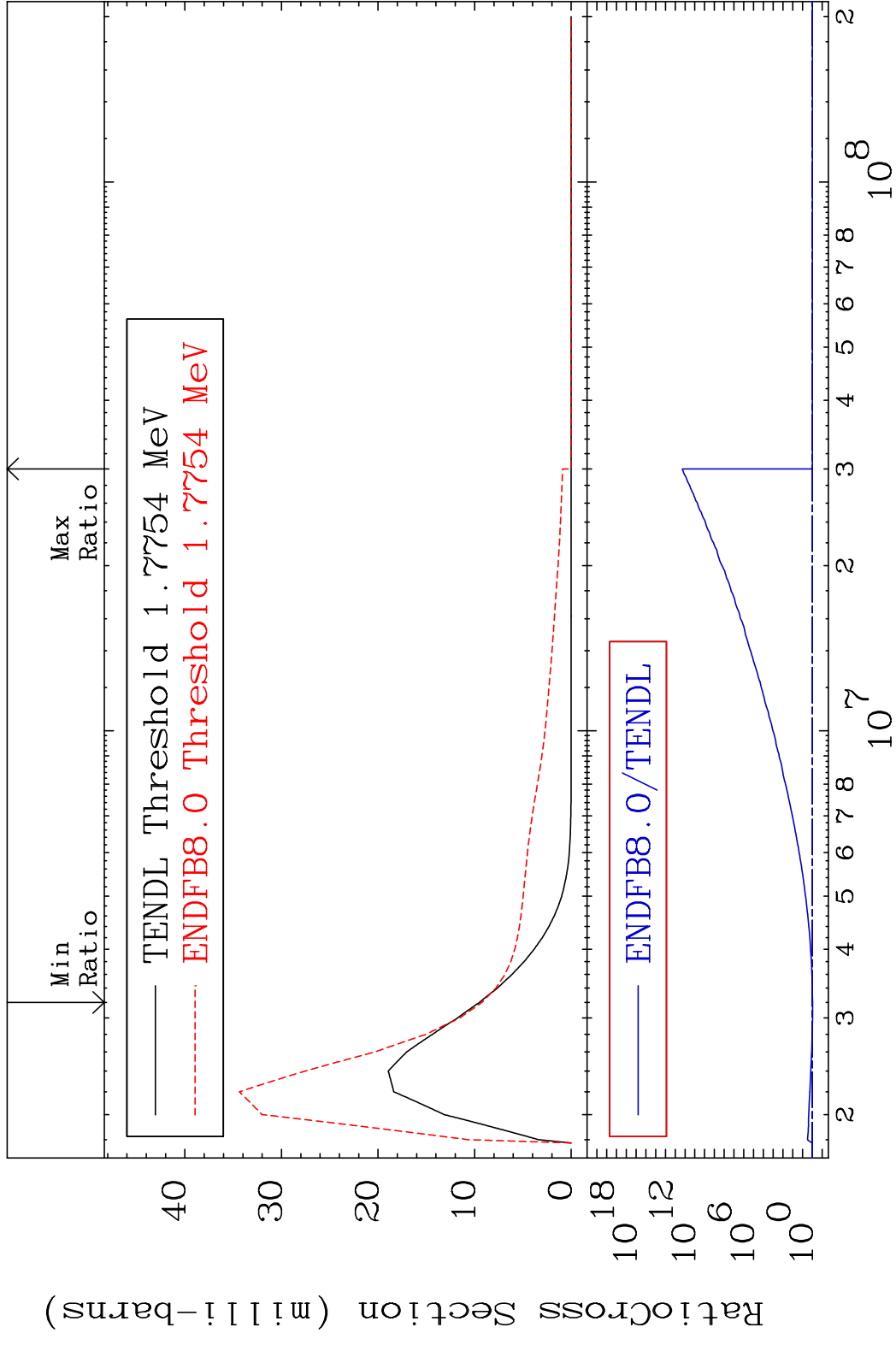
MAT 7831 MT= 68 (n,n') Level 78-Pt-192
 Cross Section -41.77 To 80.07 %



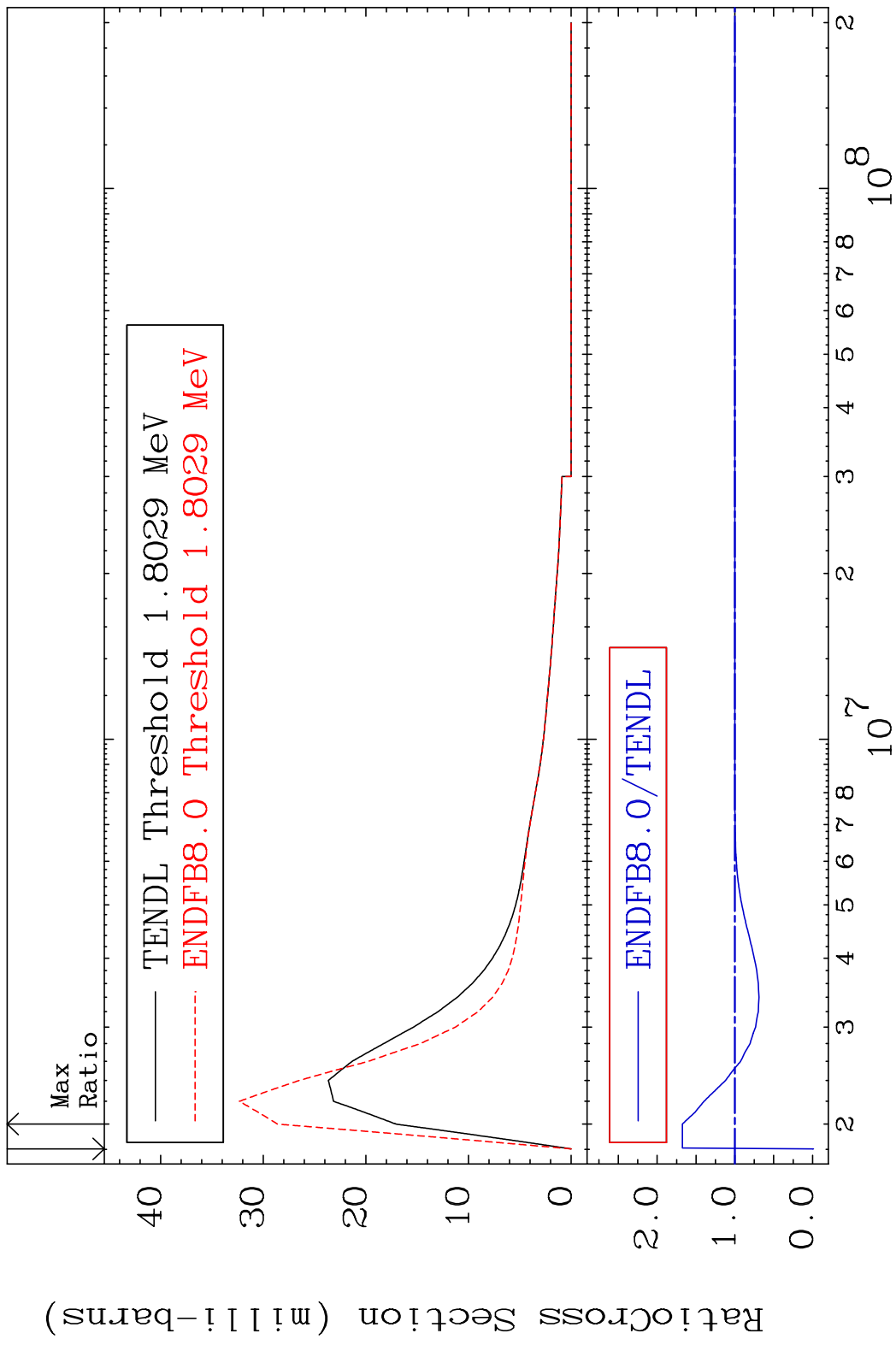
MAT 7831 MT= 69 (n, n') Level 78-Pt-192
 Cross Section -100.0 To 831.9 %



MAT 7831 MT= 70 (n,n') Level 78-Pt-192
 Cross Section -2.751 To 9999. %

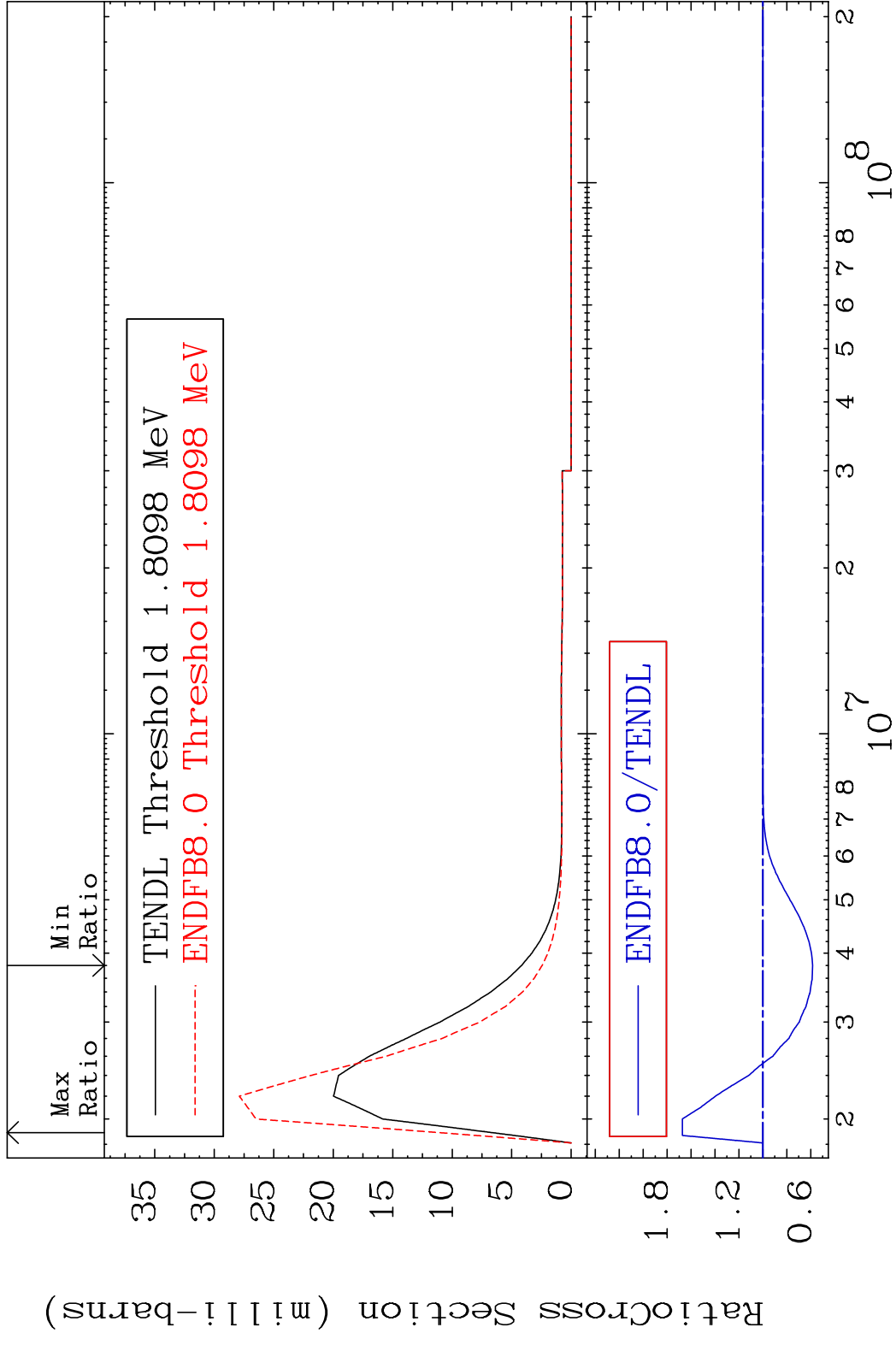


MAT 7831 MT= 71 (n,n') Level 78-Pt-192
 Cross Section -100.0 To 67.58 %

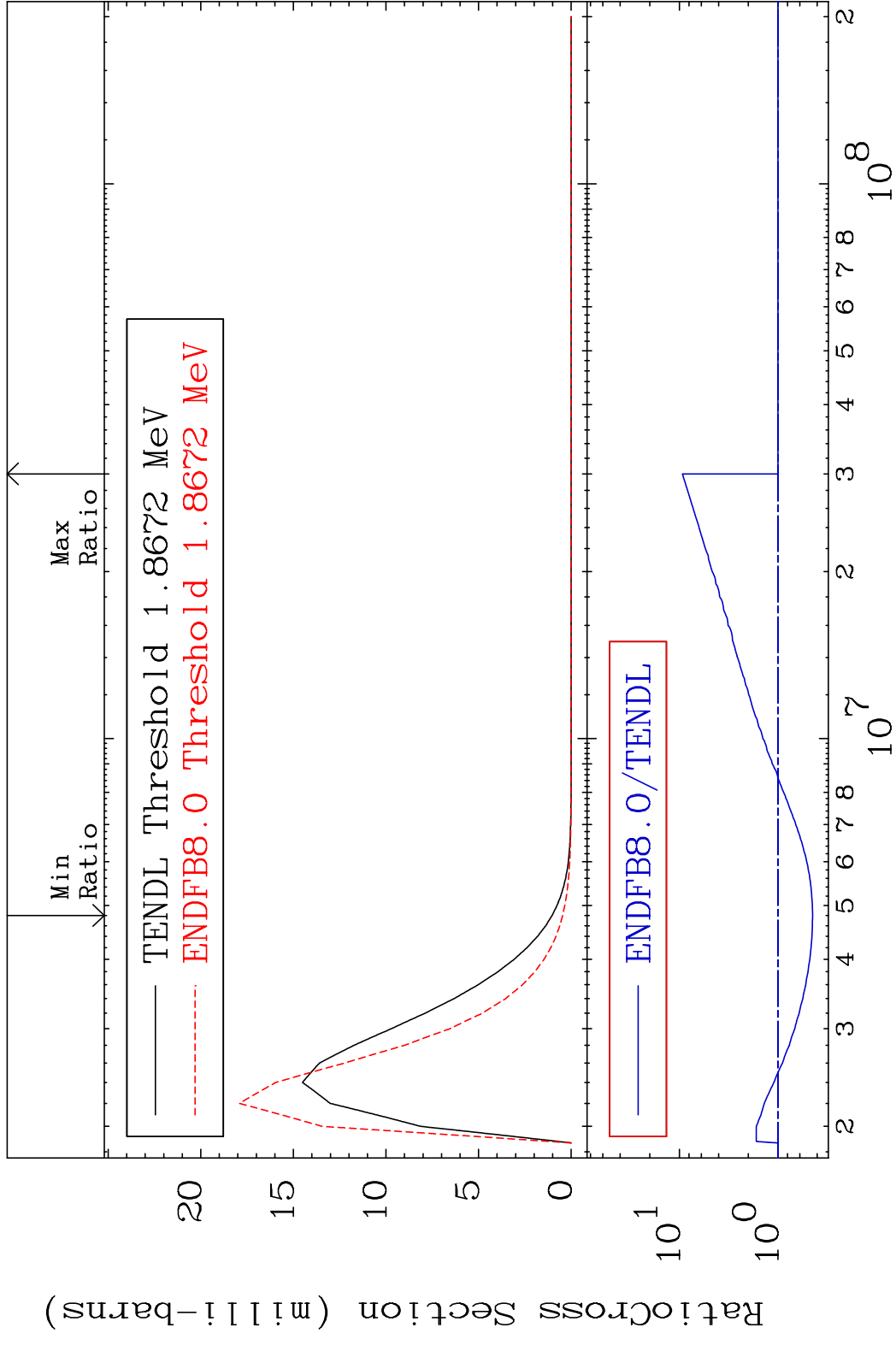


40 78-Pt-192

MAT 7831 MT= 72 (n,n') Level 78-Pt-192
 Cross Section -41.50 To 67.27 %



MAT 7831 MT= 73 (n, n') Level 78-Pt-192
 Cross Section -55.44 To 833.5 %

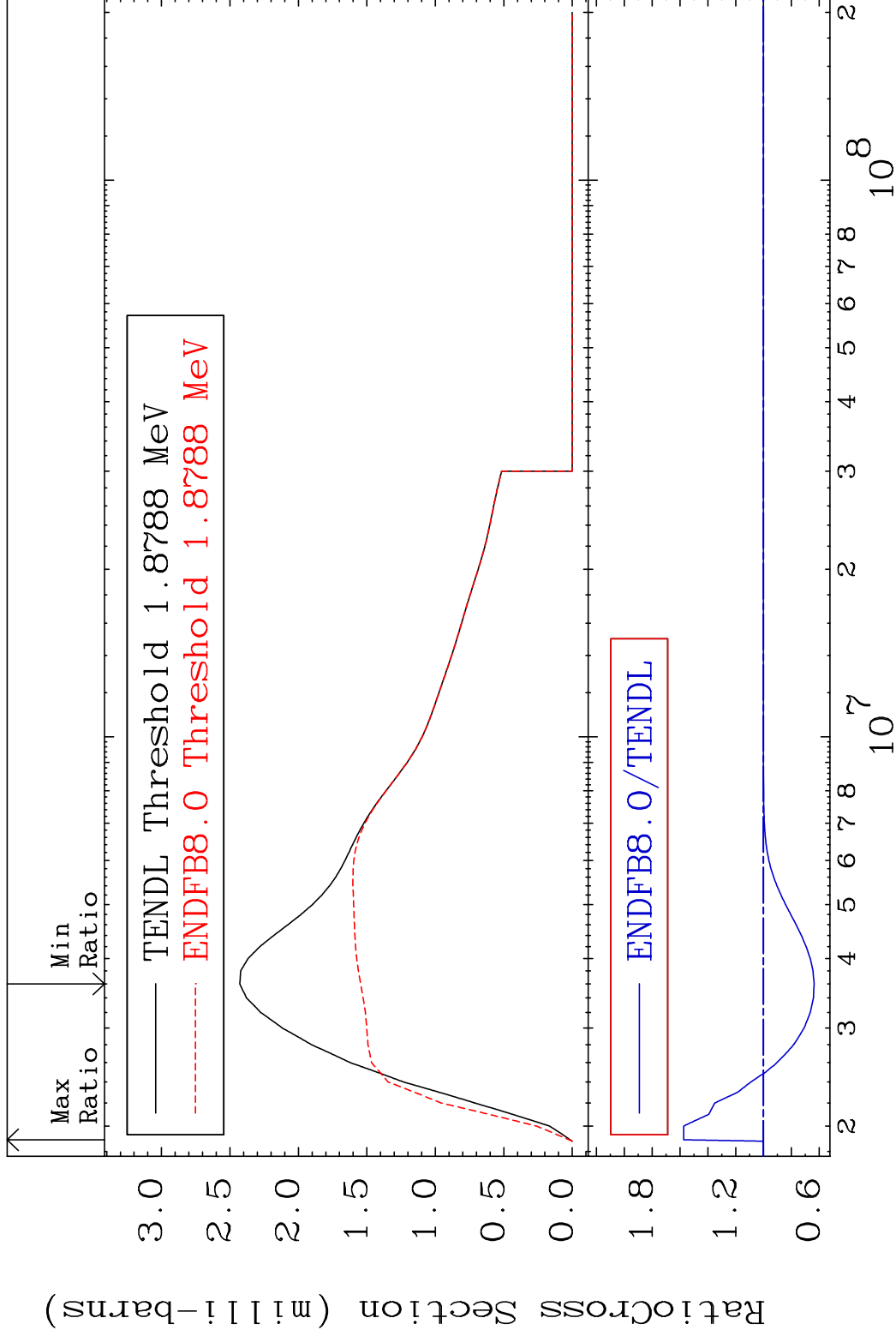


MAT 7831

MT= 74 (n,n') Level

78-Pt-192

Cross Section -36.34 To 57.37 %

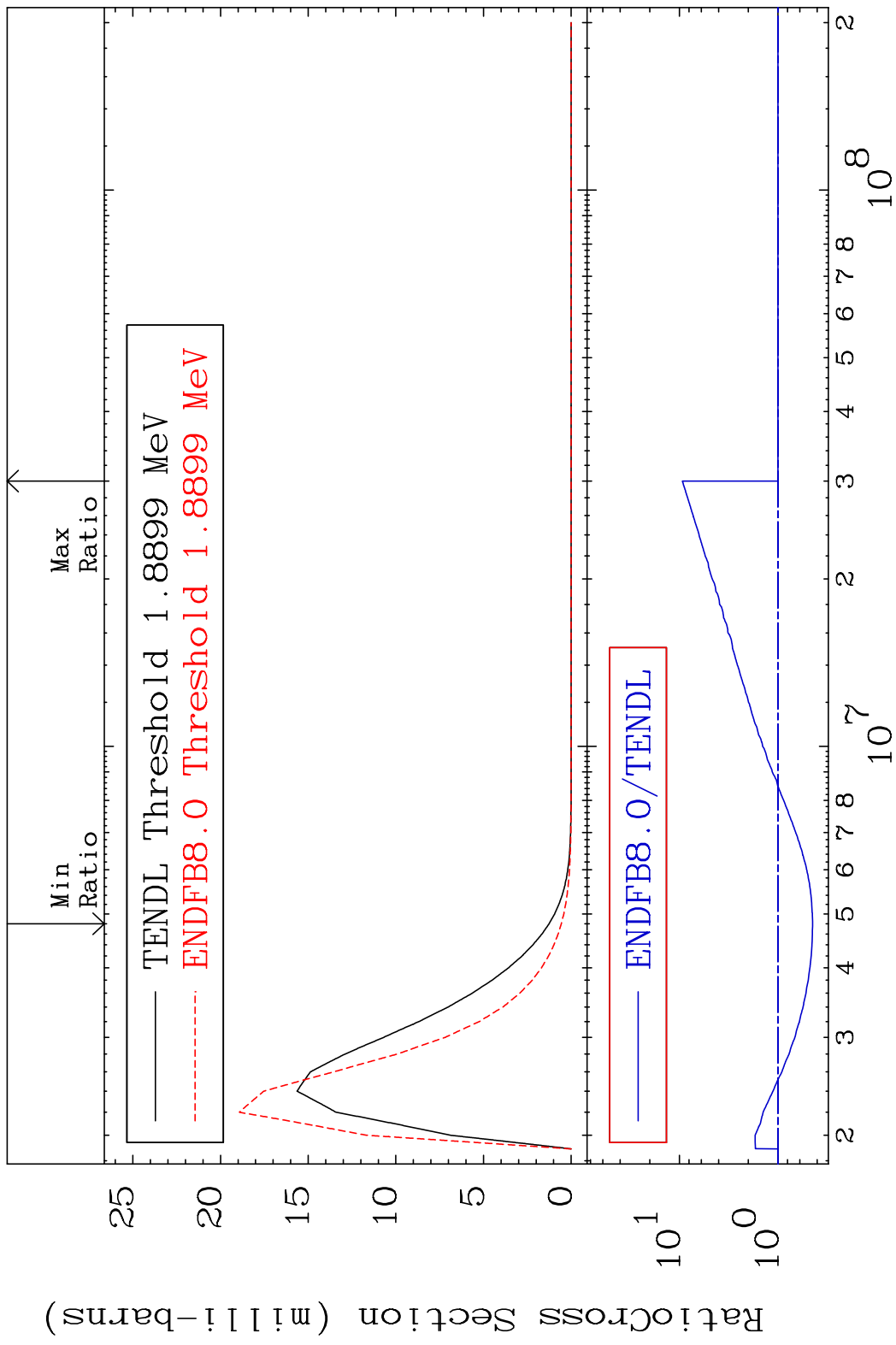


43

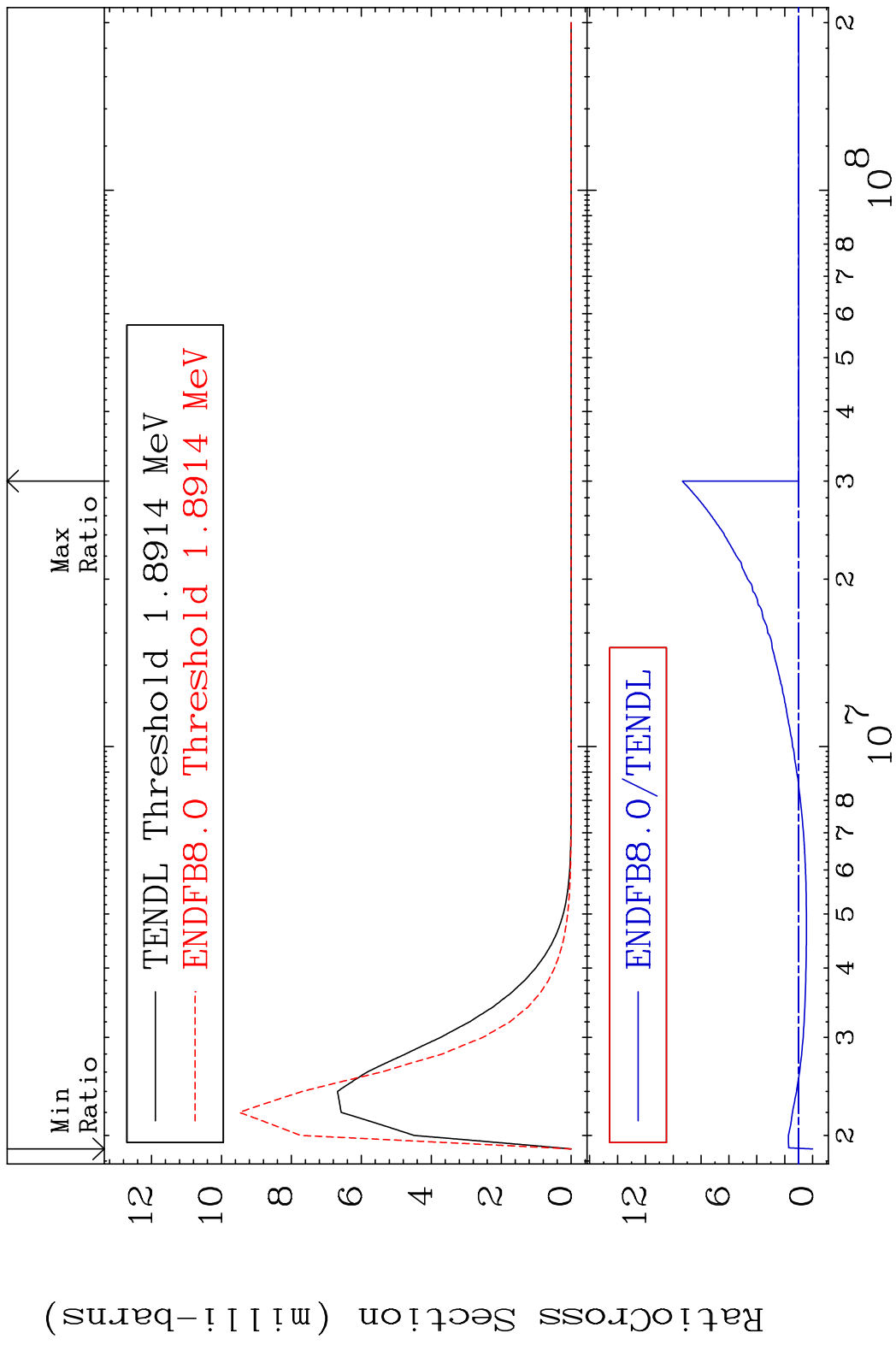
Incident Energy (eV)

78-Pt-192

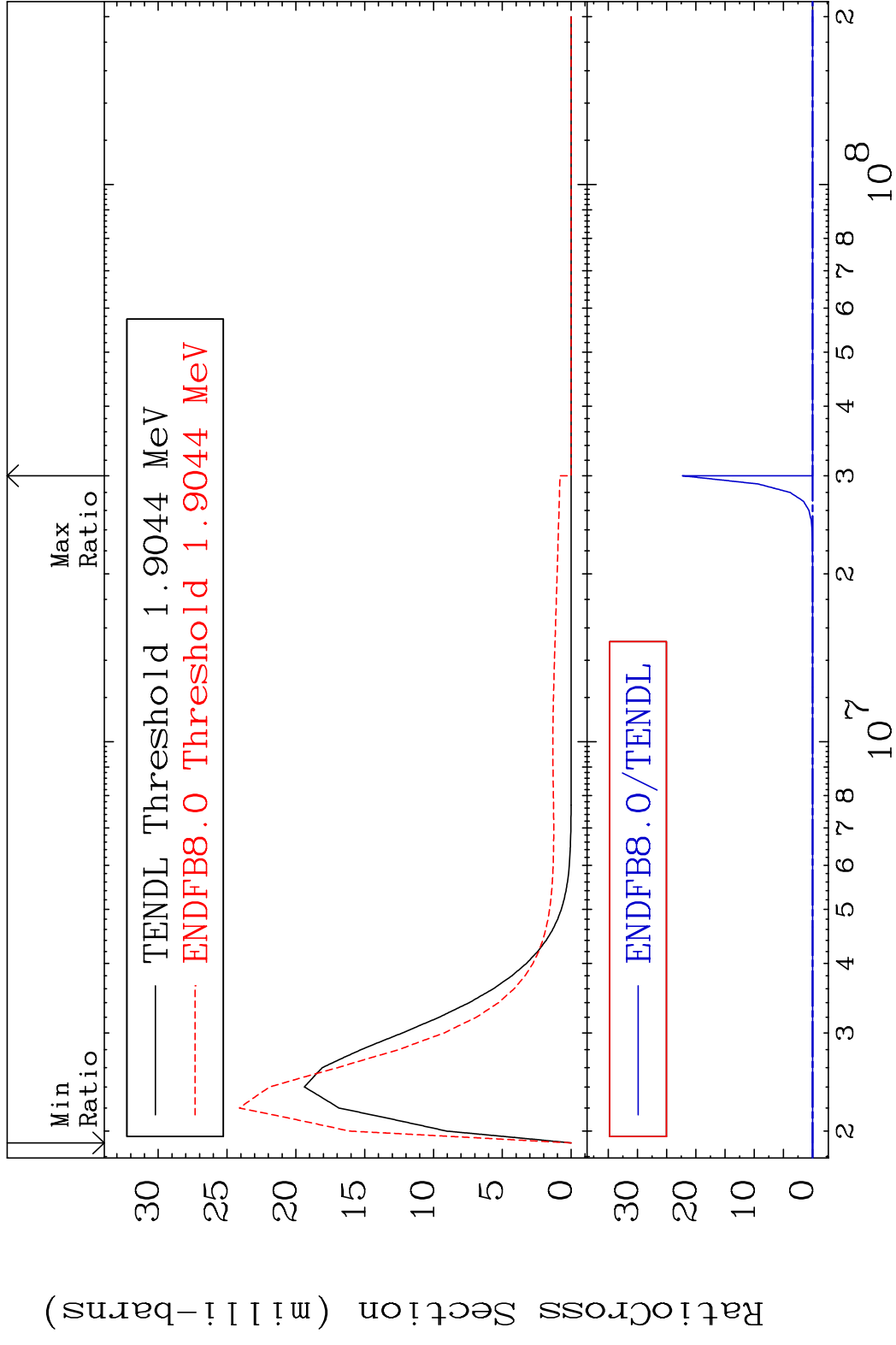
MAT 7831 MT= 75 (n, n') Level 78-Pt-192
 Cross Section -55.54 To 834.1 %



MAT 7831 MT= 76 (n, n') Level 78-Pt-192
 Cross Section -100.0 To 834.7 %



MAT 7831 MT= 77 (n, n') Level 78-Pt-192
 Cross Section -100.0 To 9999. %

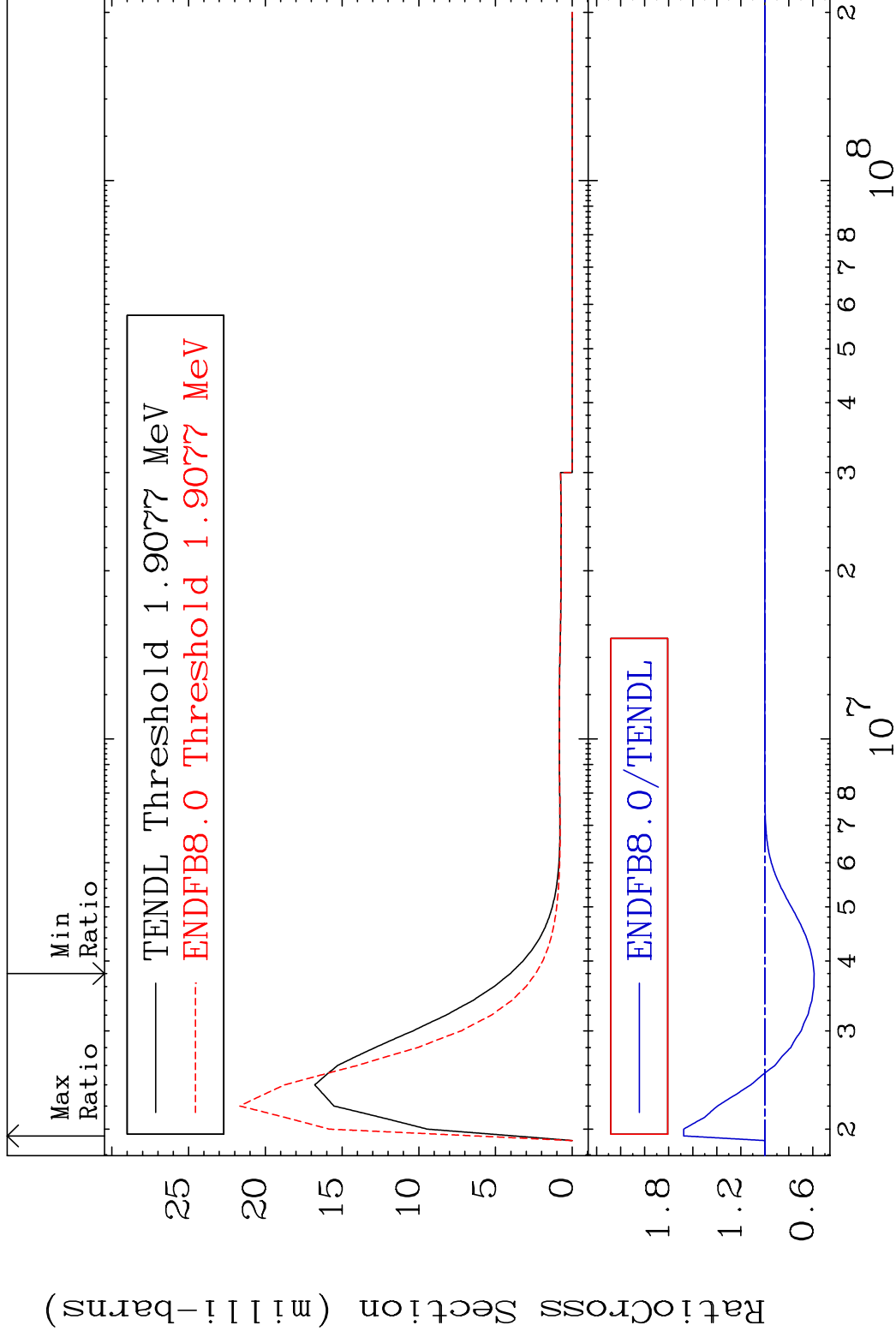


MAT 7831

MT= 78 (n,n') Level

78-Pt-192

Cross Section -41.05 To 67.54 %

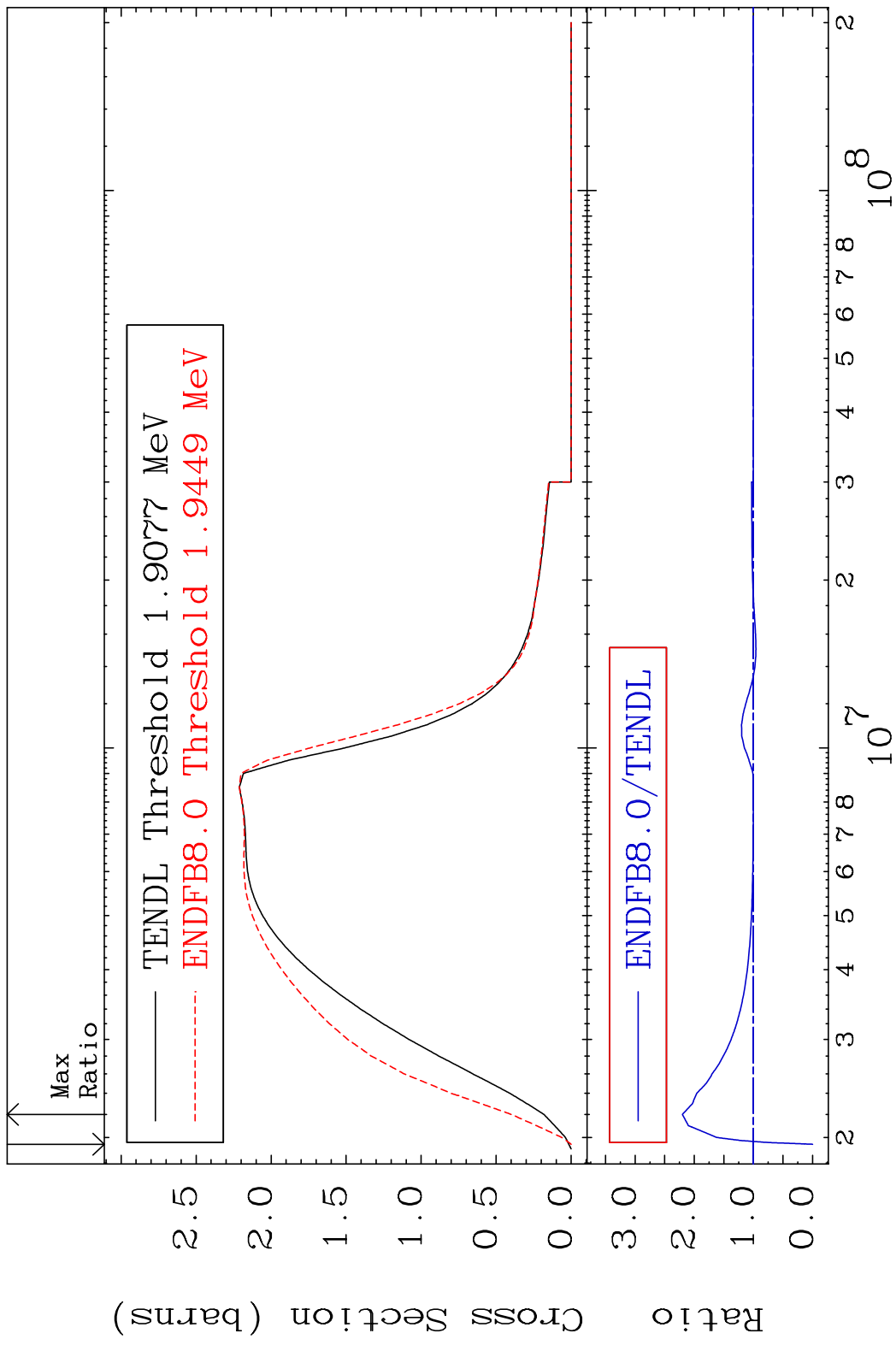


47

Incident Energy (eV)

78-Pt-192

MAT 7831 (n,n') Continuum 78-Pt-192
 Cross Section -100.0 To 120.1 %

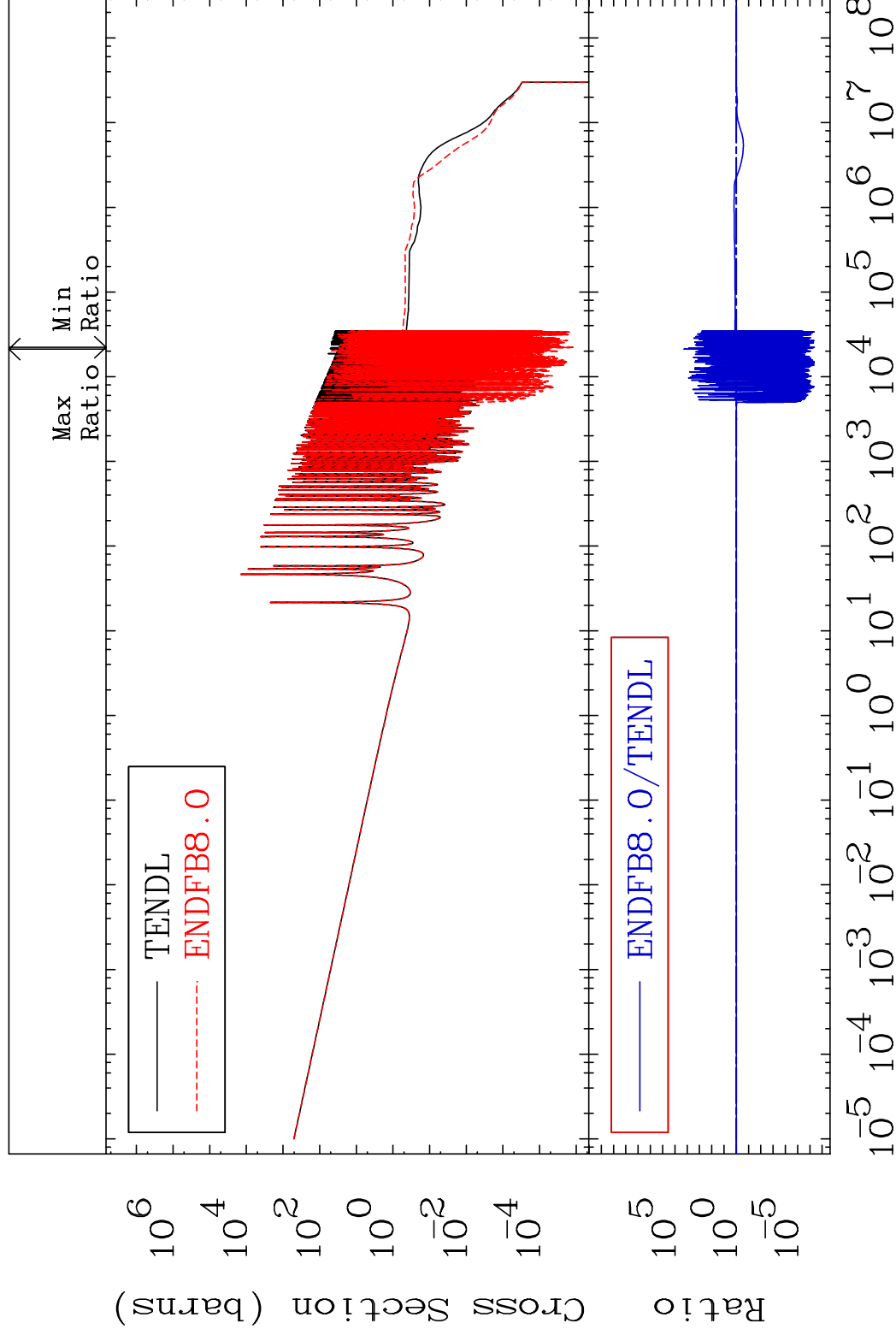


MAT 7831

(n, γ)

78-Pt-192

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

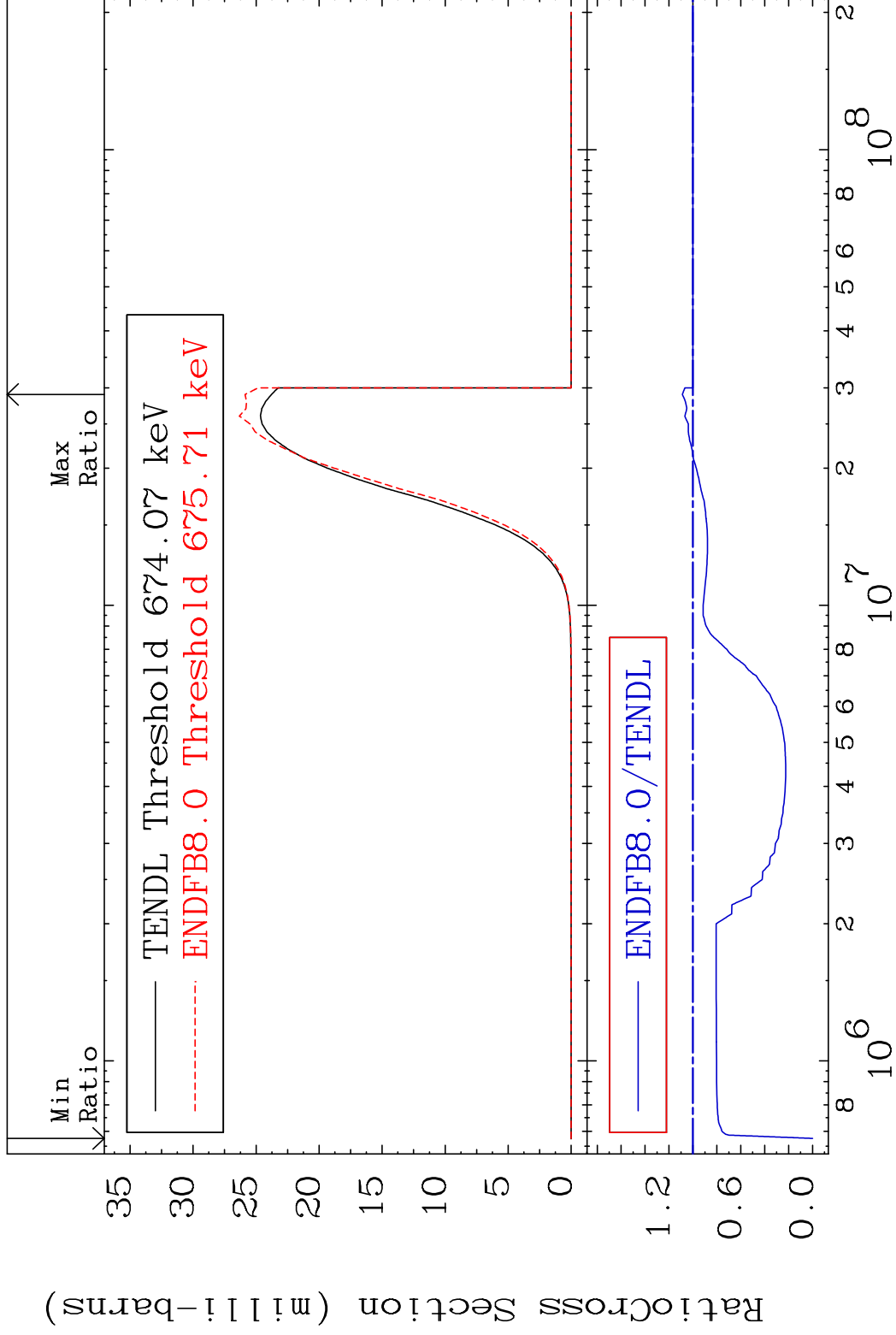
78-Pt-192

MAT 7831

(n,p)

78-Pt-192

Cross Section -100.0 To 8.834 %



50

Incident Energy (eV)

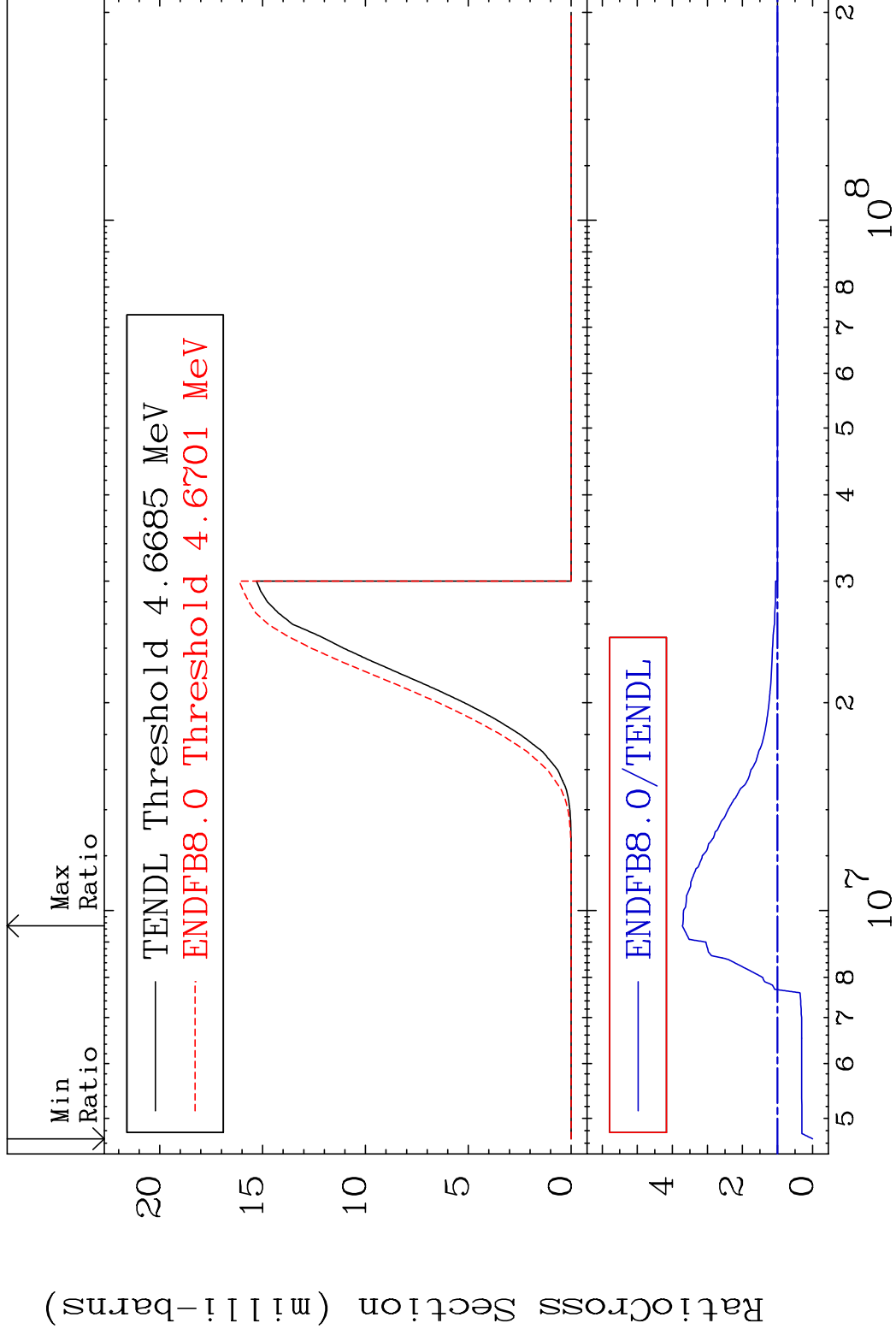
78-Pt-192

MAT 7831

(n, d)

78-Pt-192

Cross Section -100.0 To 271.4 %



51

Incident Energy (eV)

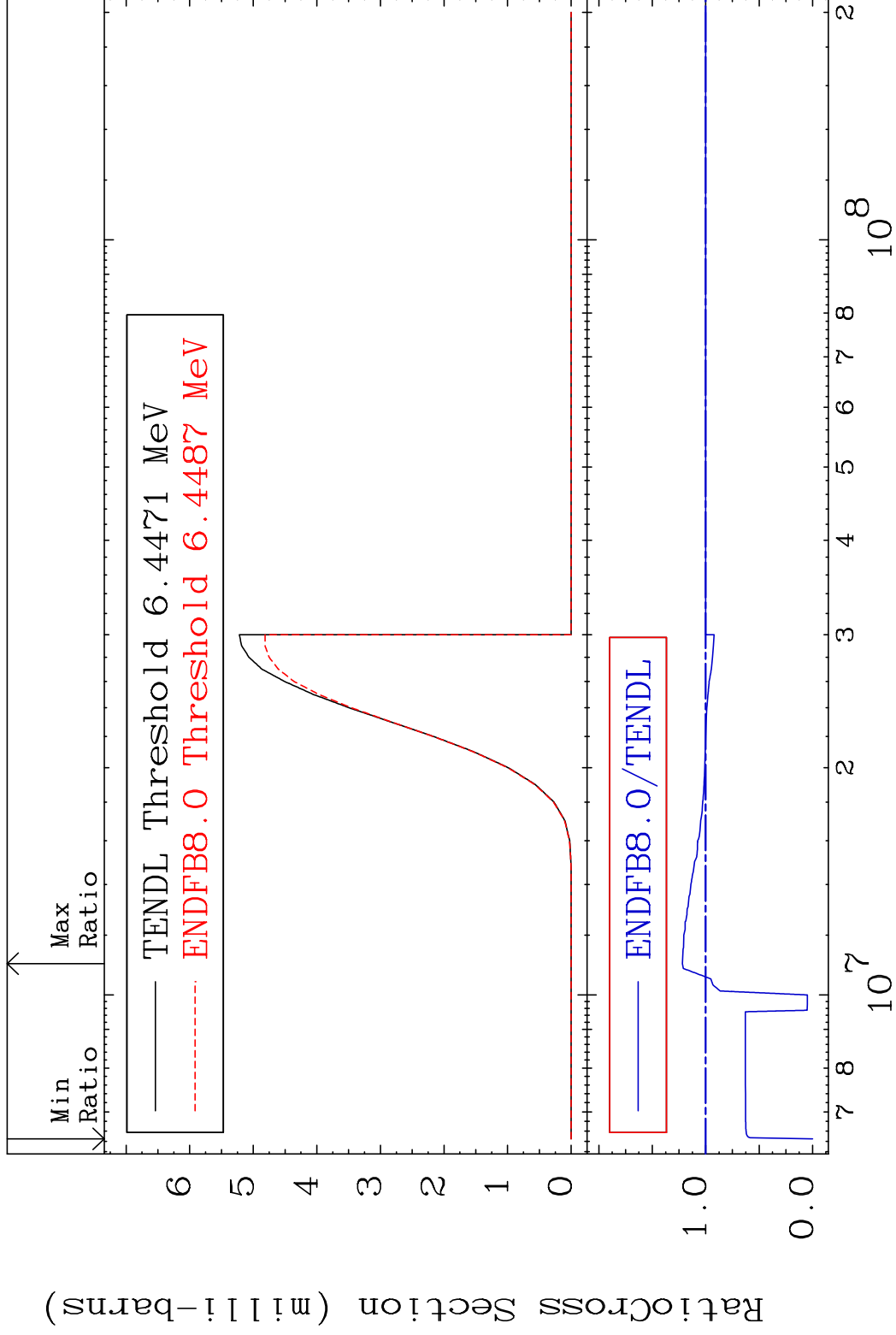
78-Pt-192

MAT 7831

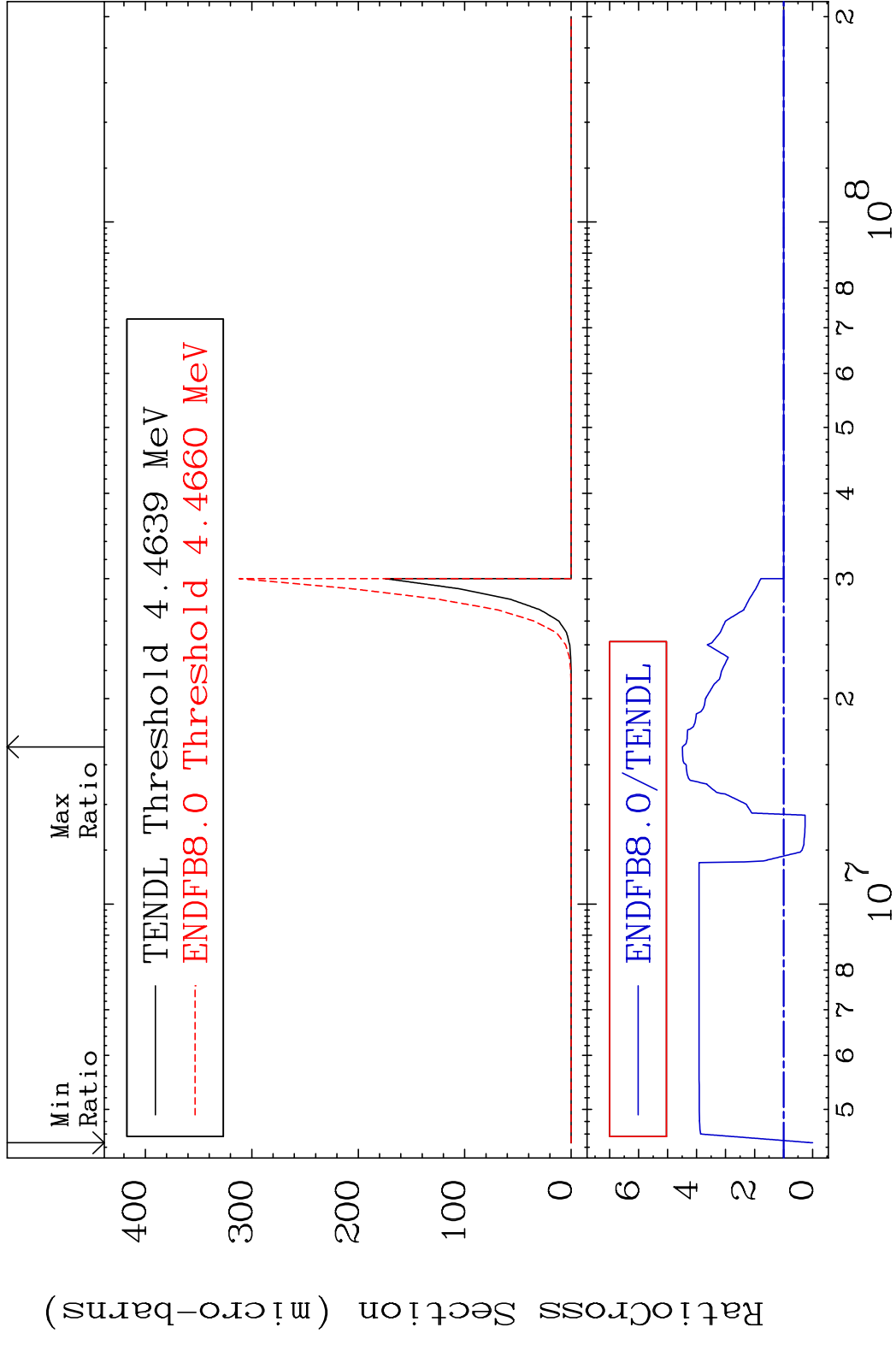
(n, t)

78-Pt-192

Cross Section -100.0 To 21.85 %



MAT 7831 (n, He-3) 78-Pt-192
 Cross Section -100.0 To 349.2 %

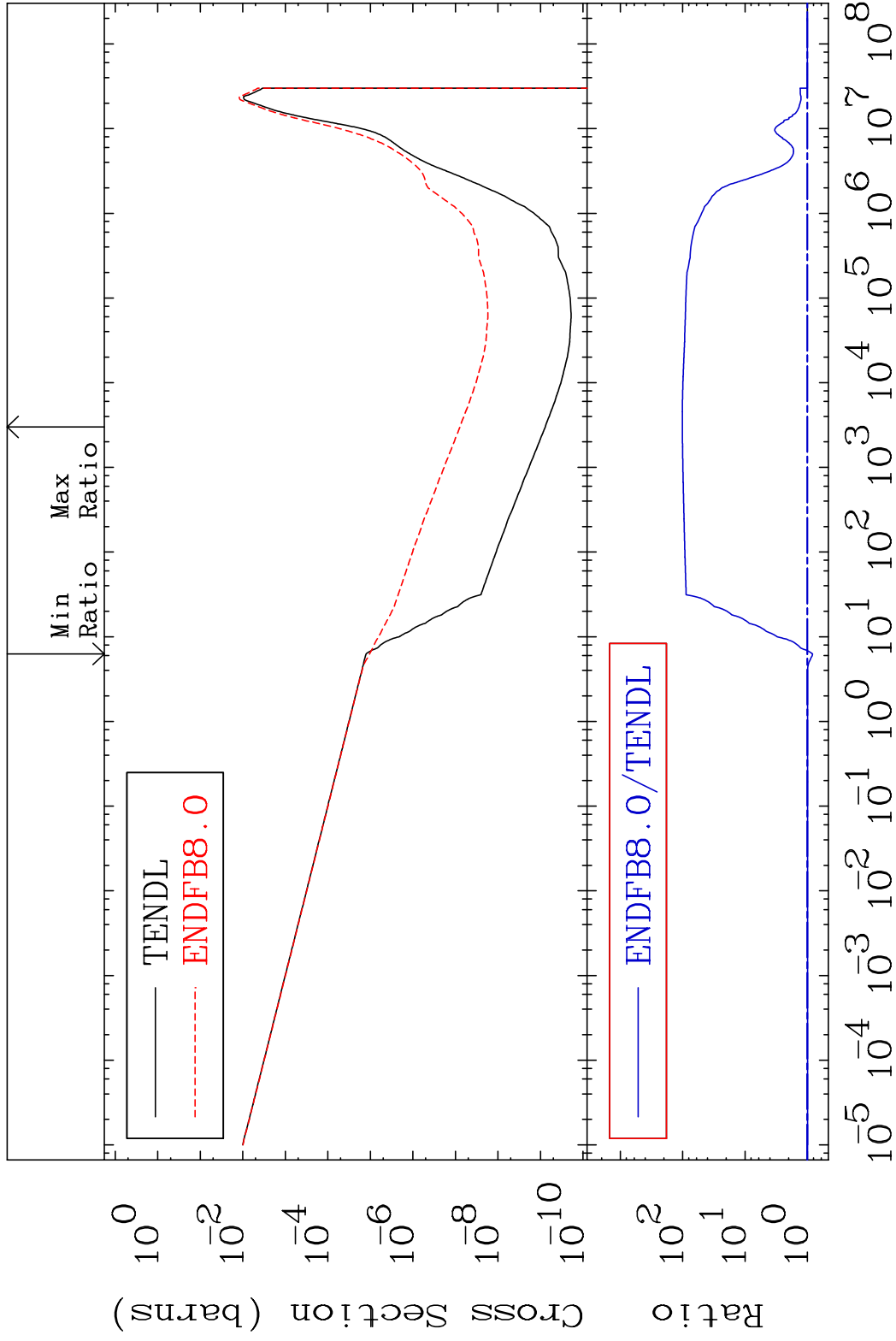


MAT 7831

(n, α)

78-Pt-192

Cross Section -17.37 To 9999. %

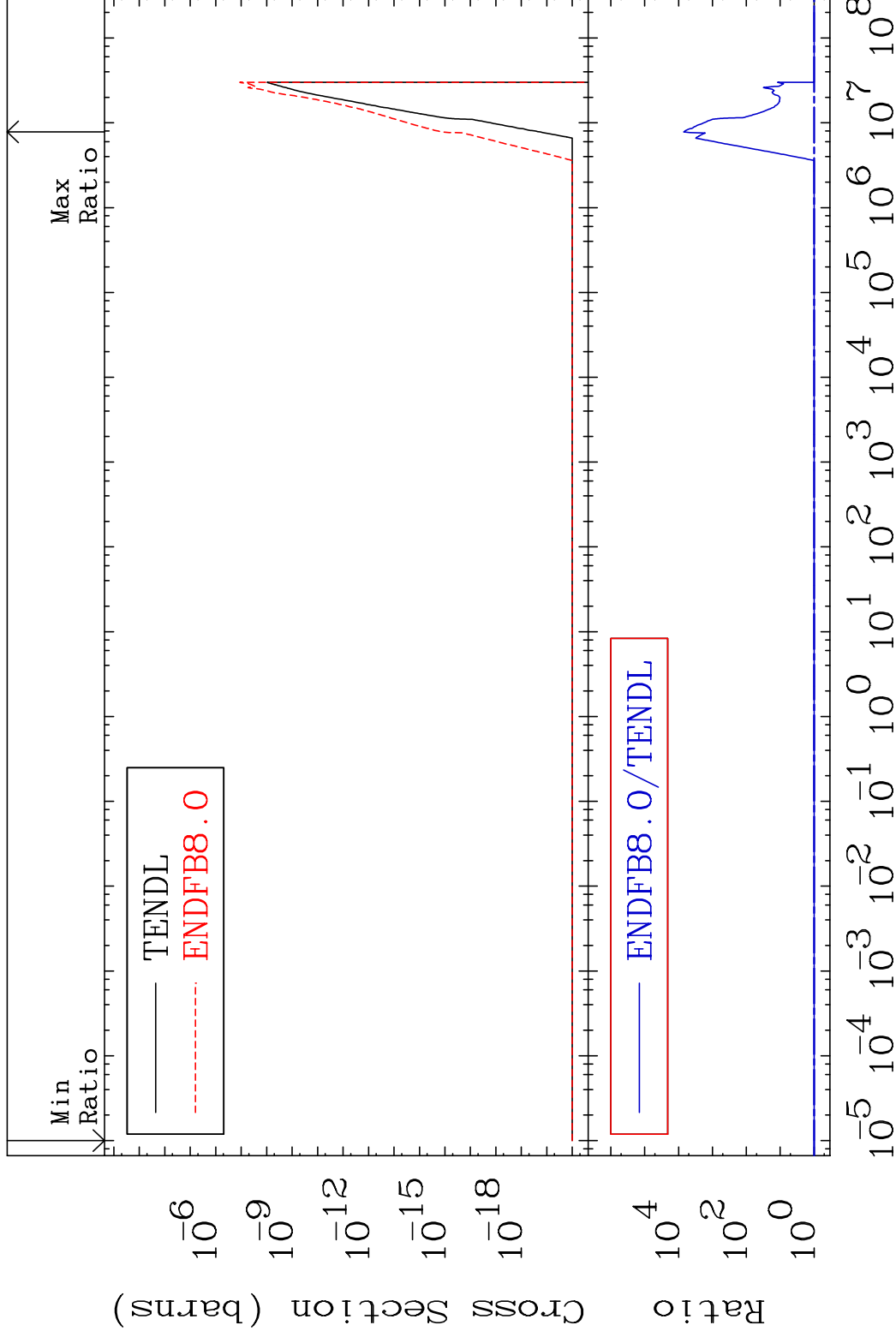


MAT 7831

(n,2α)

78-Pt-192

Cross Section 0.000 To 9999. %



55

Incident Energy (eV)

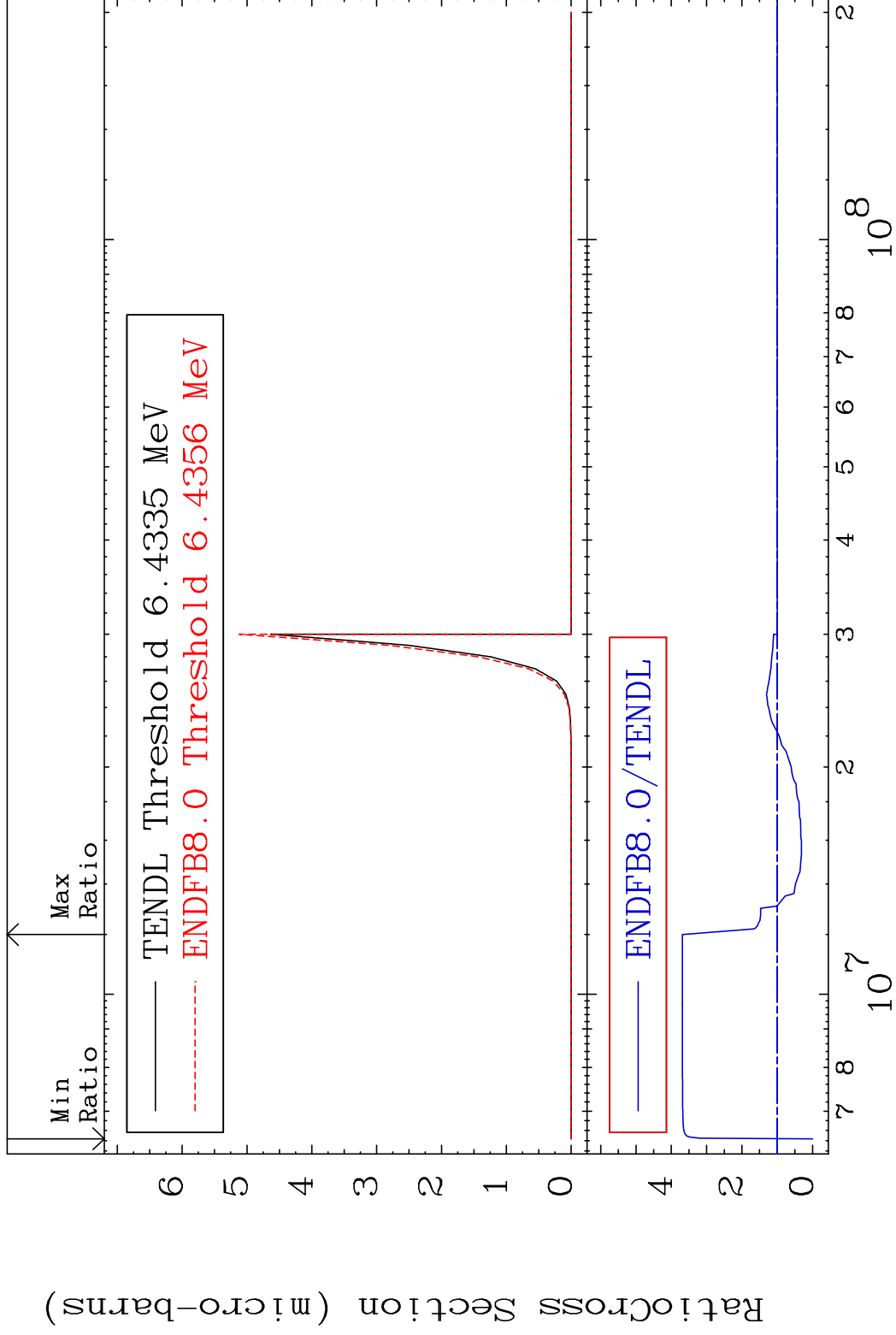
78-Pt-192

MAT 7831

(n,2p)

78-Pt-192

Cross Section -100.0 To 268.7 %

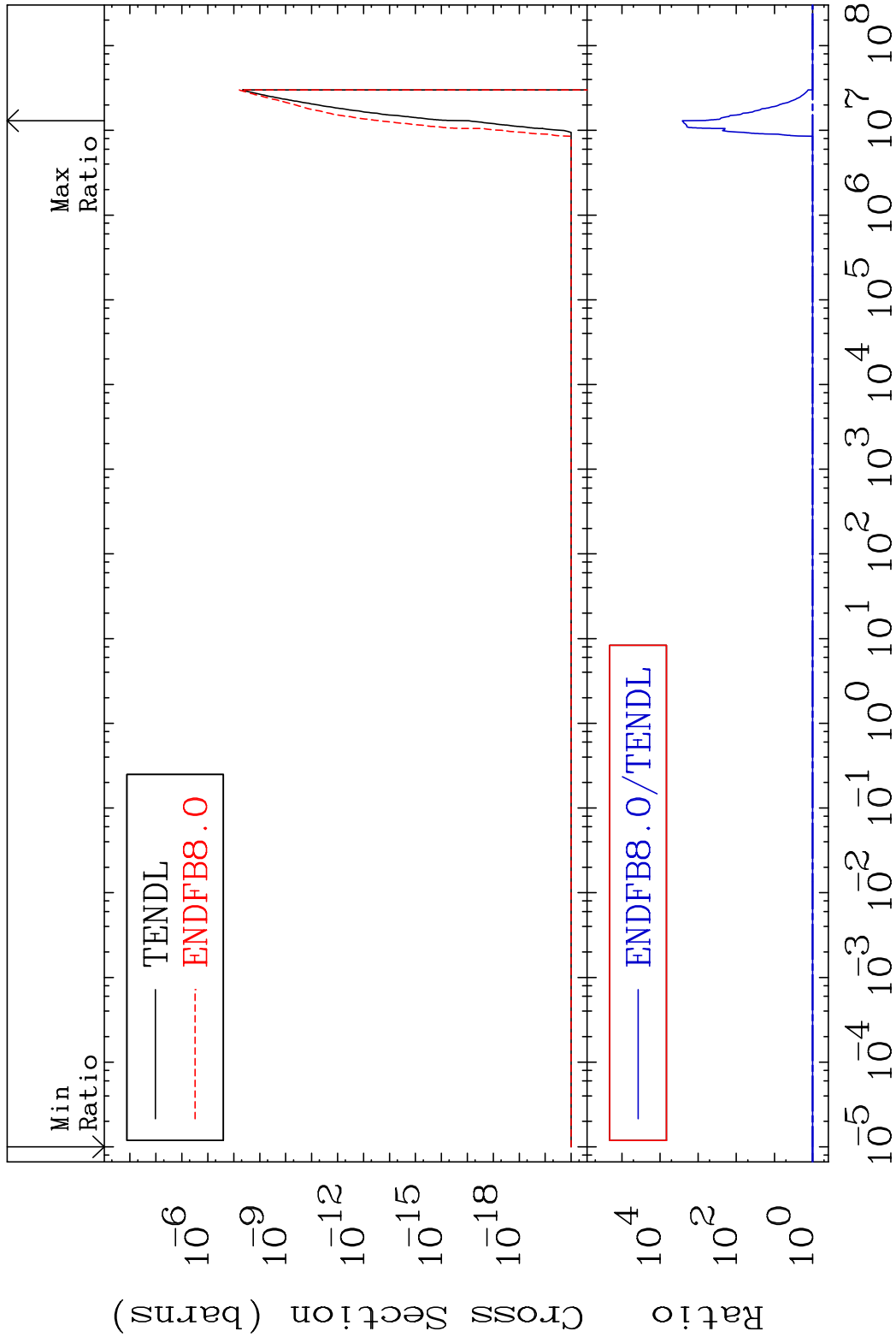


MAT 7831

(n,p) α

78-Pt-192

Cross Section 0.000 To 9999. %



57

Incident Energy (eV)

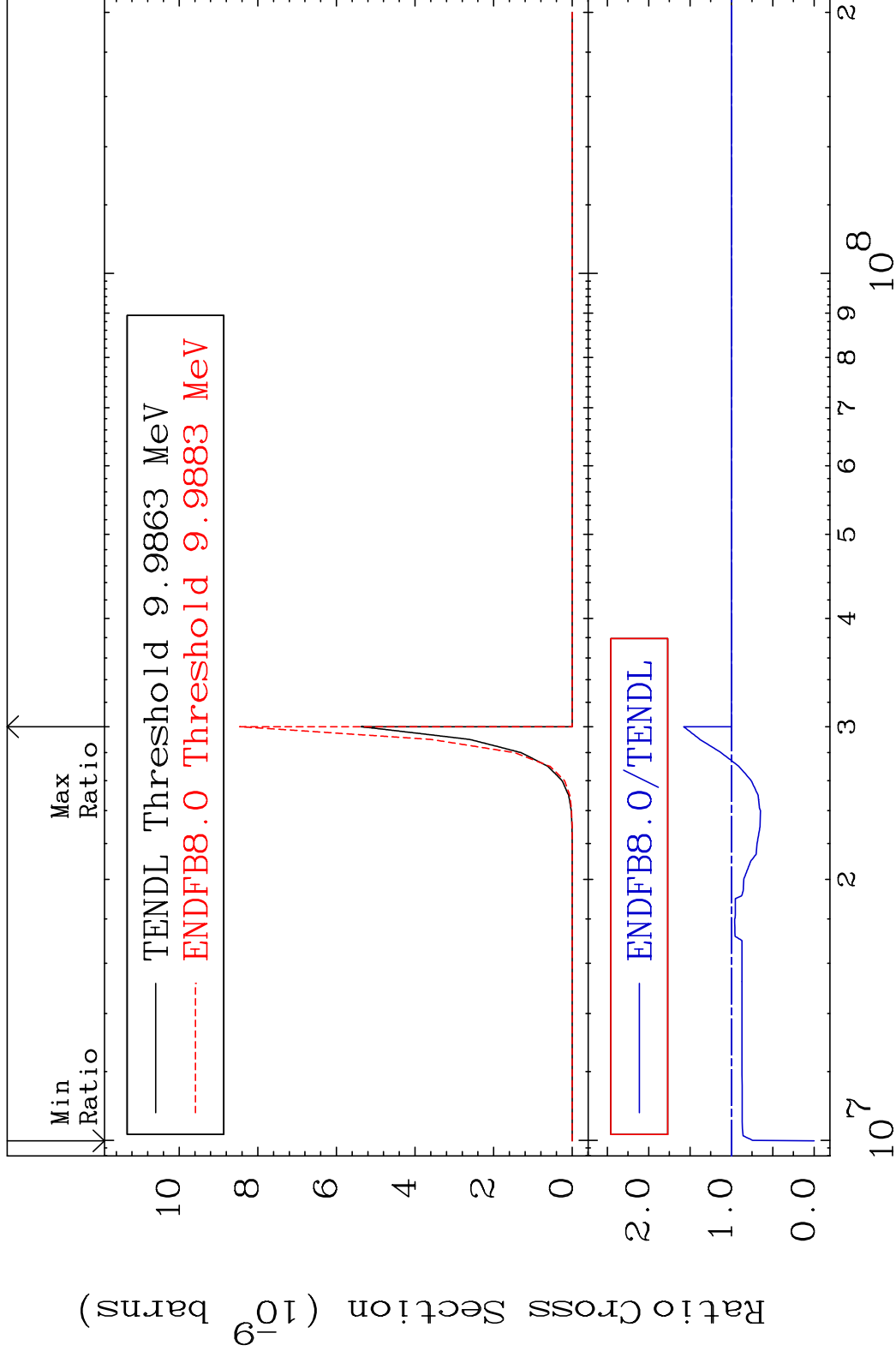
78-Pt-192

MAT 7831

(n,p) d

78-Pt-192

Cross Section -100.0 To 57.69 %



58

Incident Energy (eV)

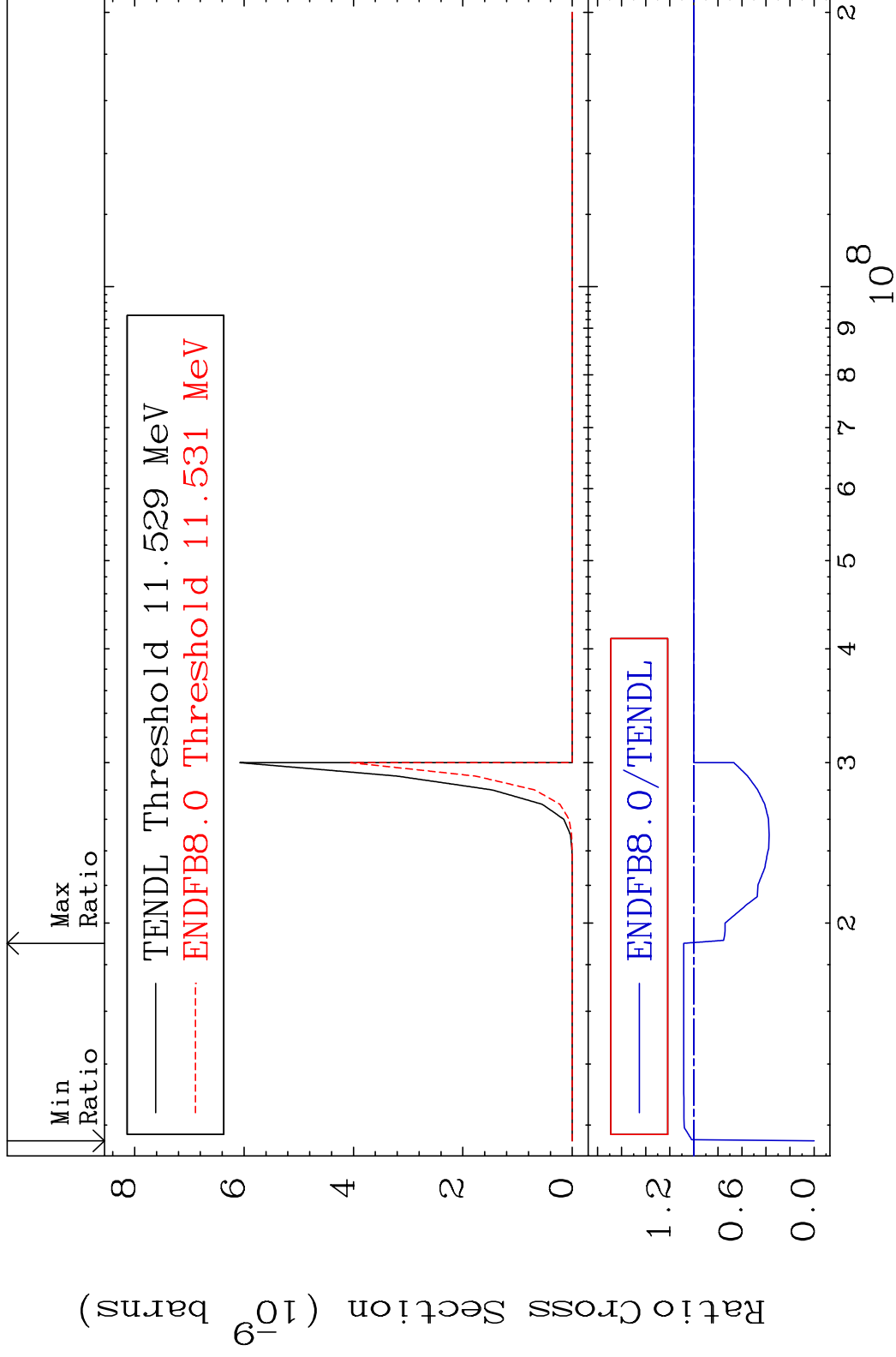
78-Pt-192

MAT 7831

(n,p) t

78-Pt-192

Cross Section -100.0 To 8.420 %



59

Incident Energy (eV)

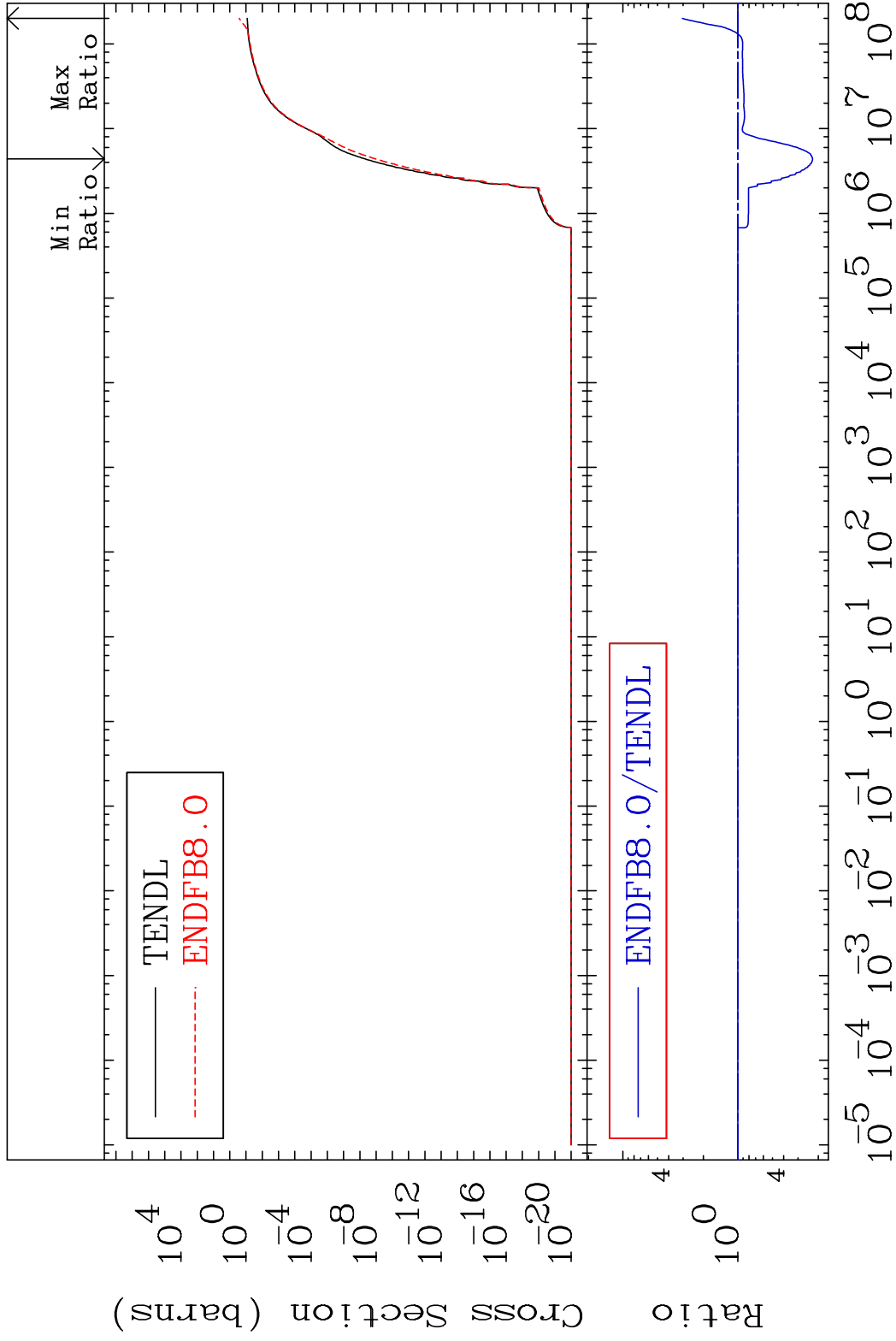
78-Pt-192

MAT 7831

Hydrogen Production

78-Pt-192

Cross Section -77.60 To 204.1 %

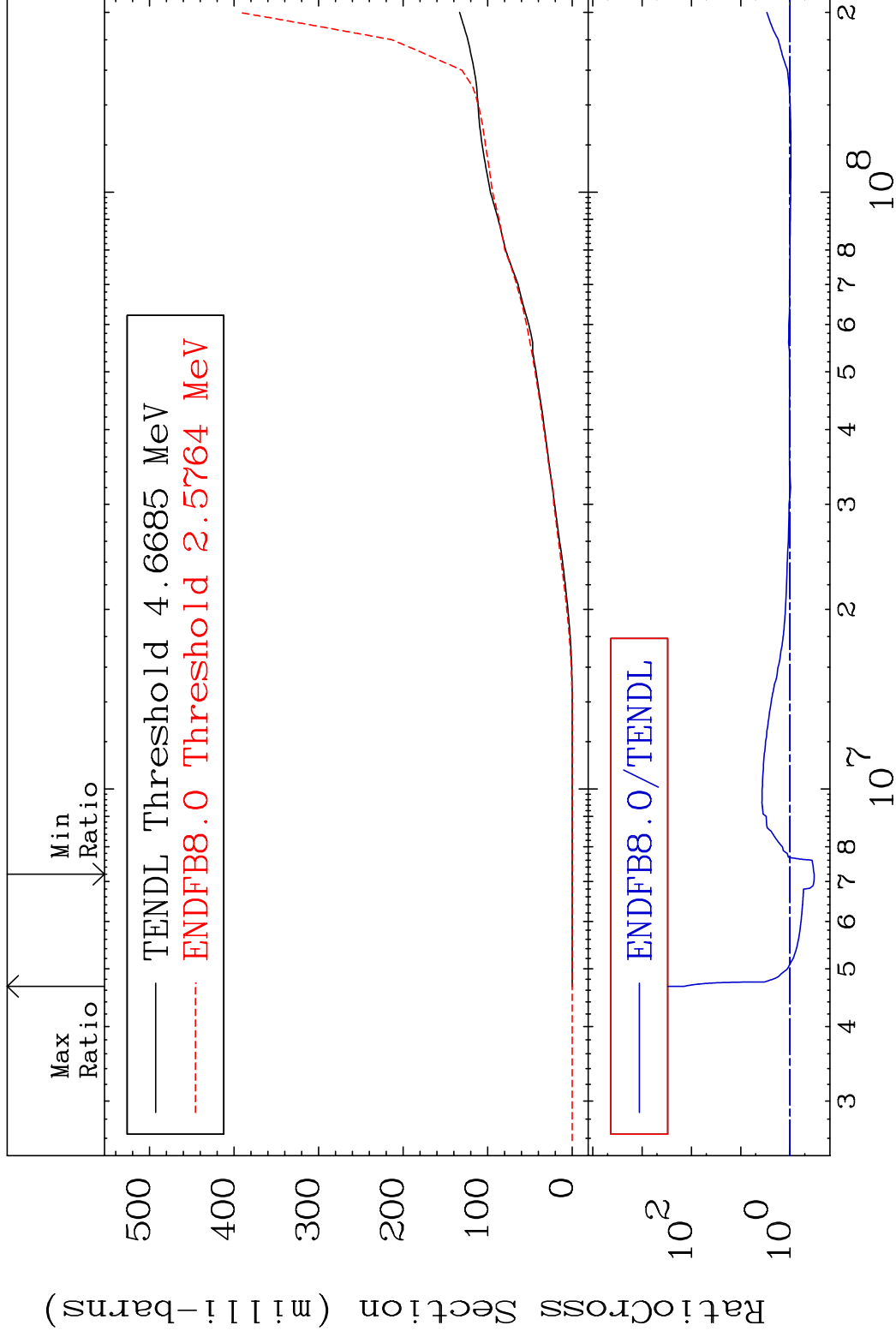


MAT 7831

Deuterium Production

78-Pt-192

Cross Section -67.52 To 9999. %

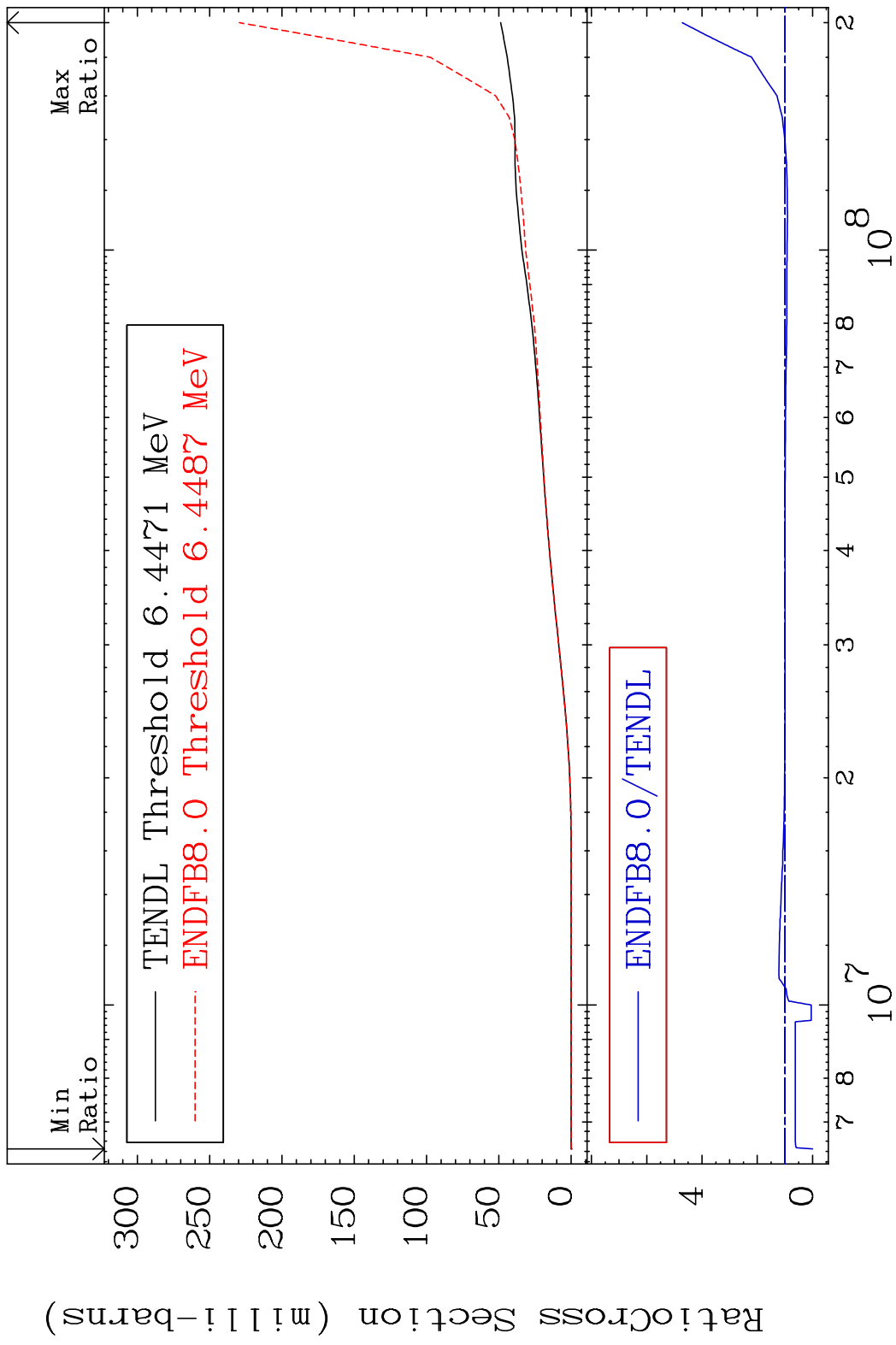


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Incident Energy (eV)

78-Pt-192

MAT 7831 Tritium Production 78-Pt-192
 Cross Section -100.0 To 371.1 %

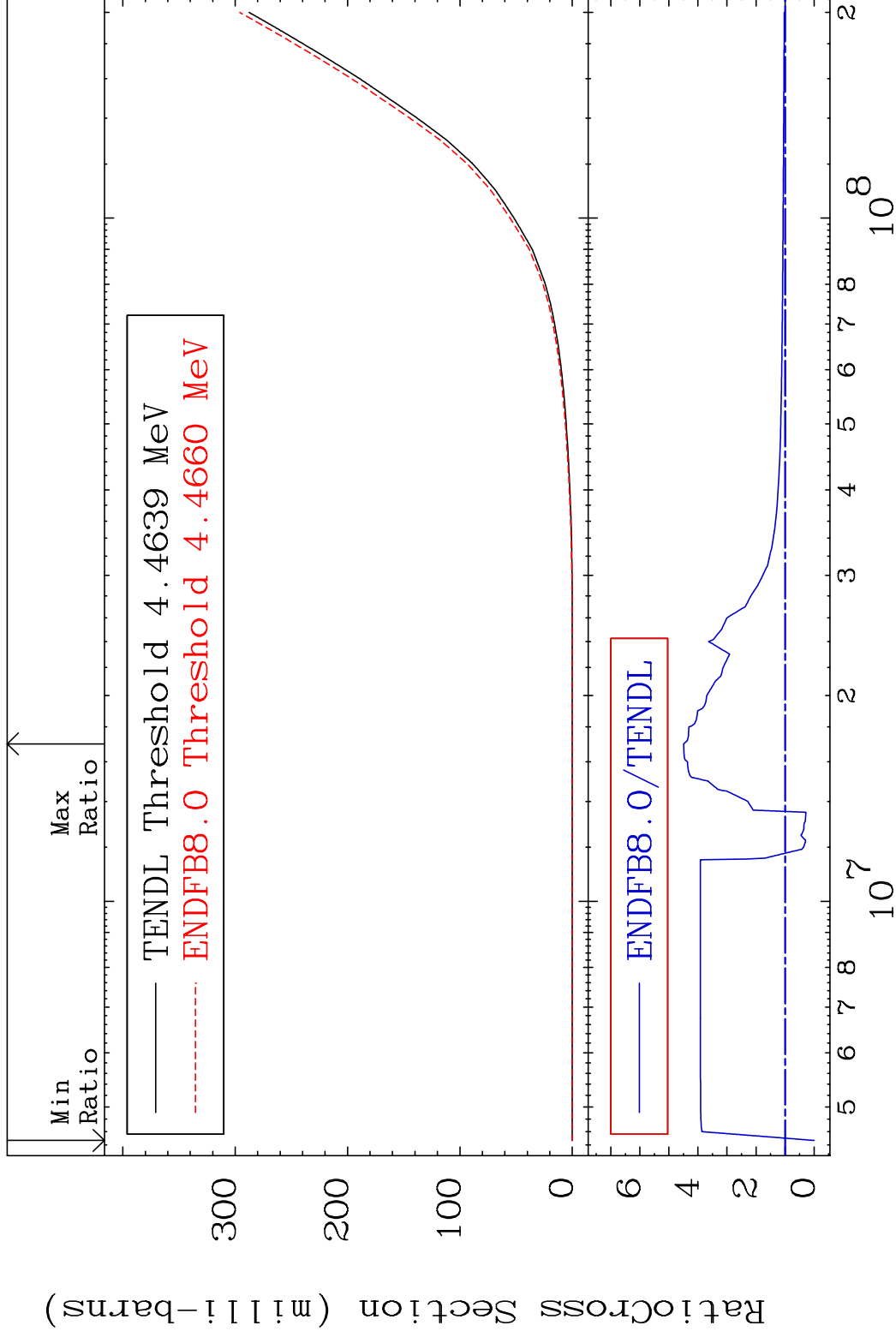


MAT 7831

He-3 Production

78-Pt-192

Cross Section -100.0 To 349.2 %



63

Incident Energy (eV)

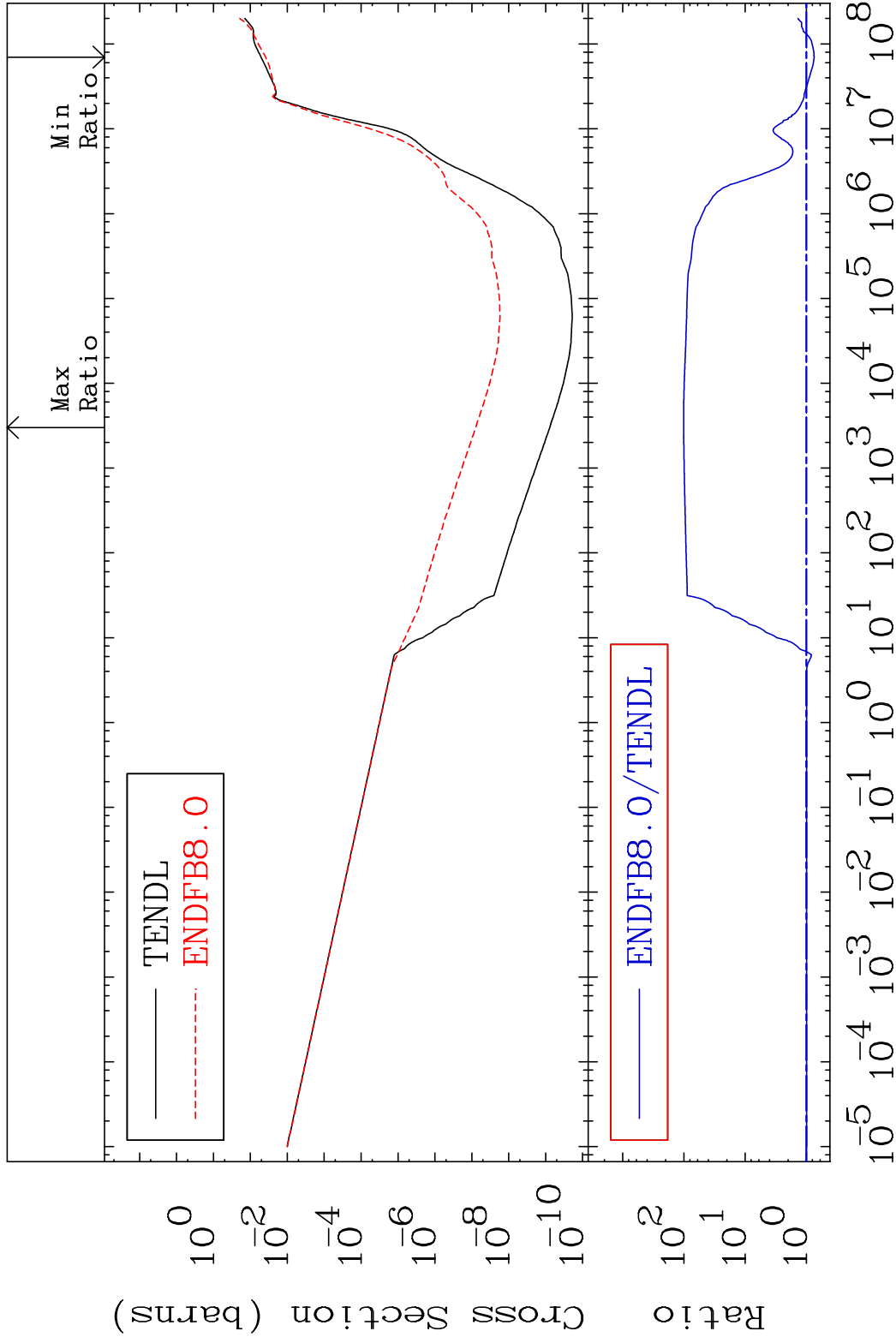
78-Pt-192

MAT 7831

He-4 Production

78-Pt-192

Cross Section -25.07 To 9999. %

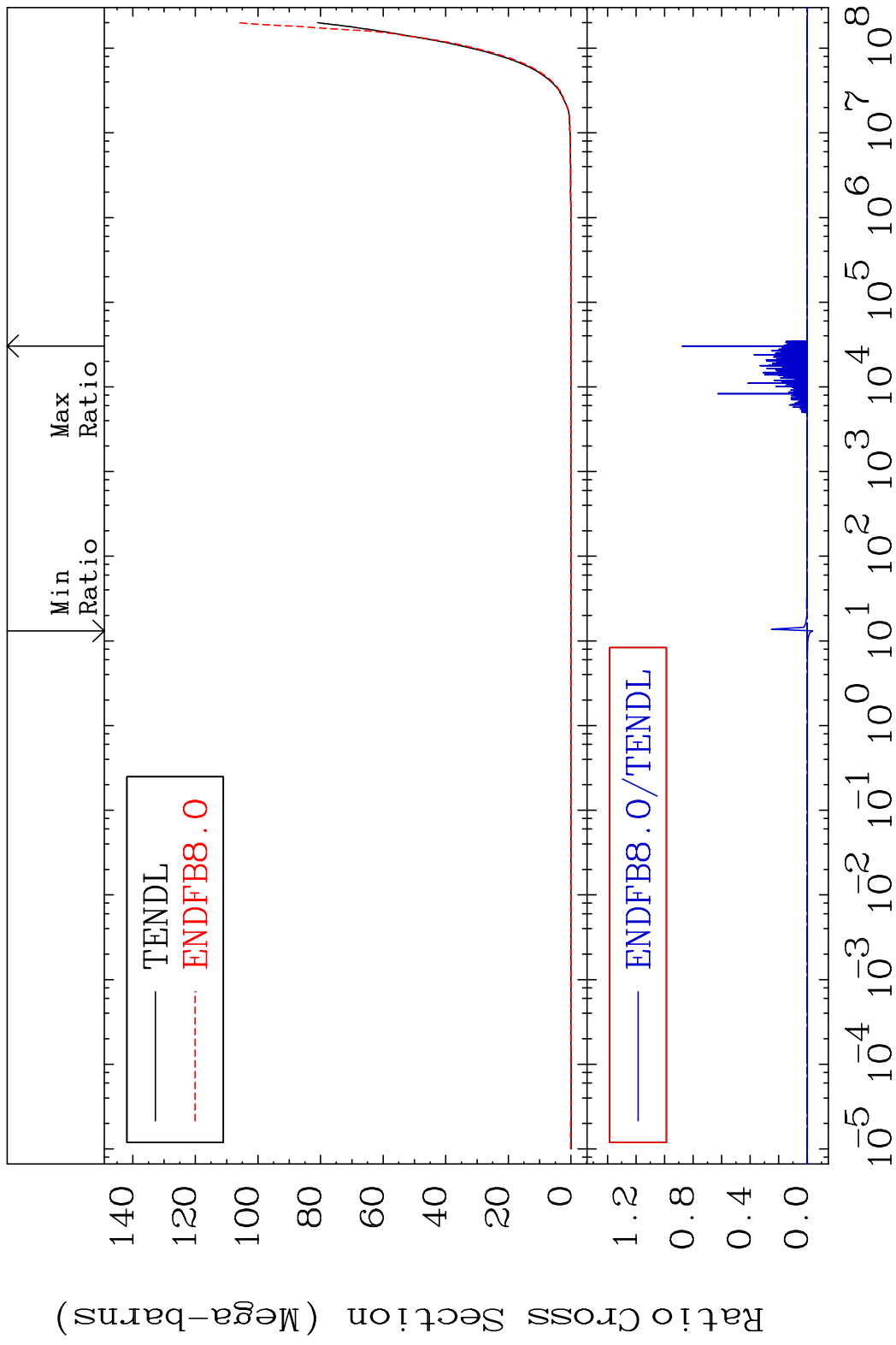


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Incident Energy (eV)

78-Pt-192

MAT 7831 Kerma total (eV-barns) 78-Pt-192
Cross Section -3807. To 9999. %

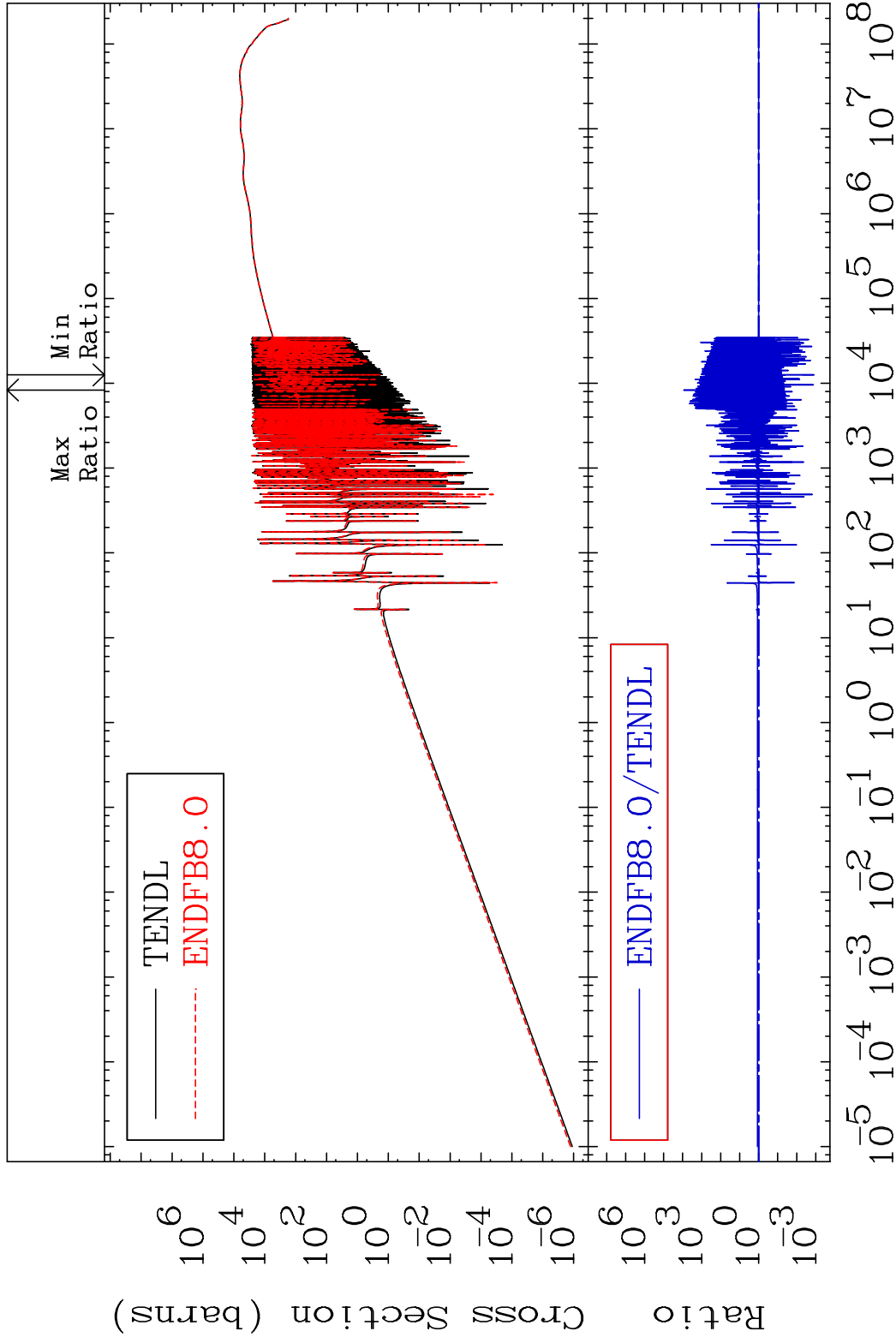


MAT 7831

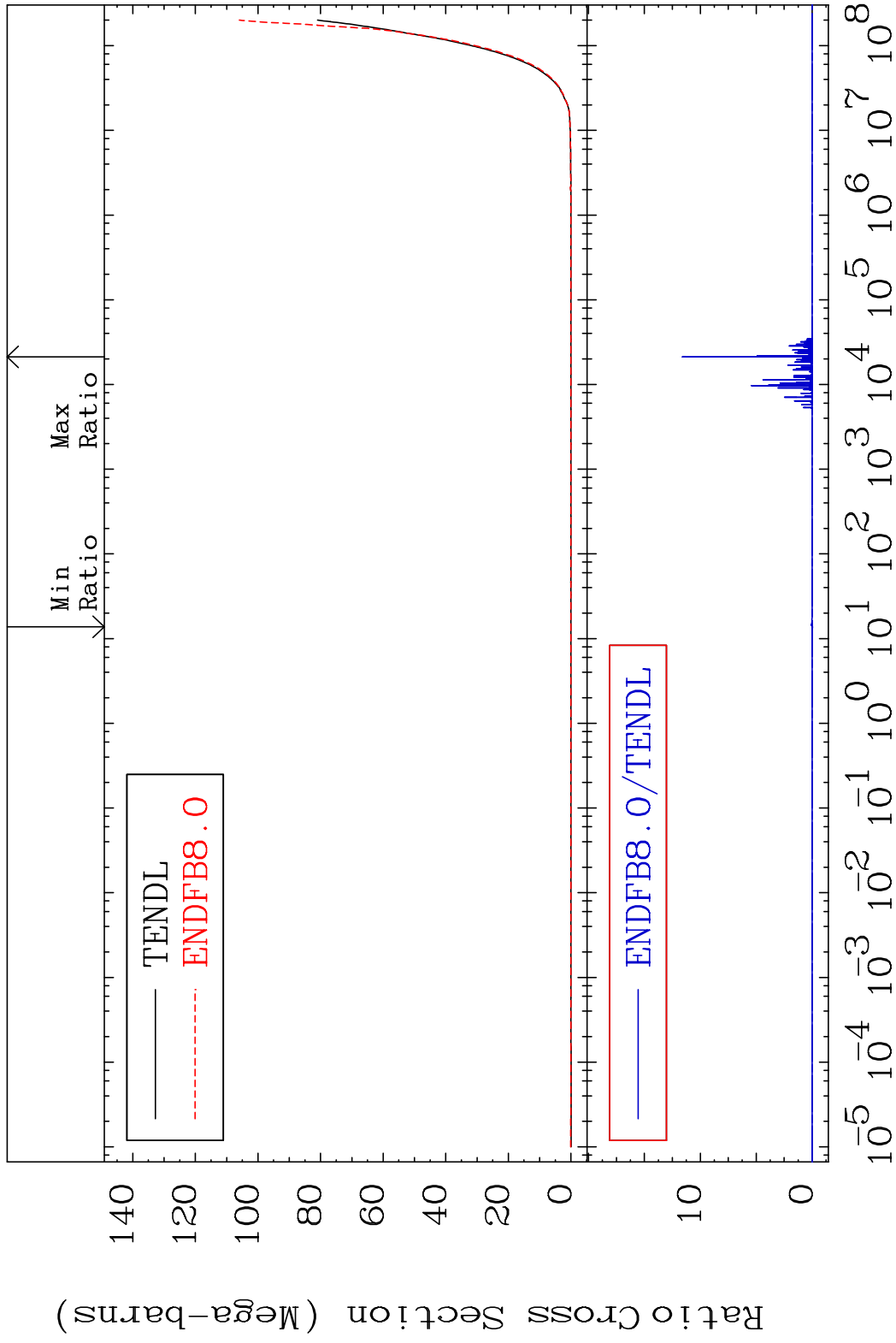
Kerma elastic

78-Pt-192

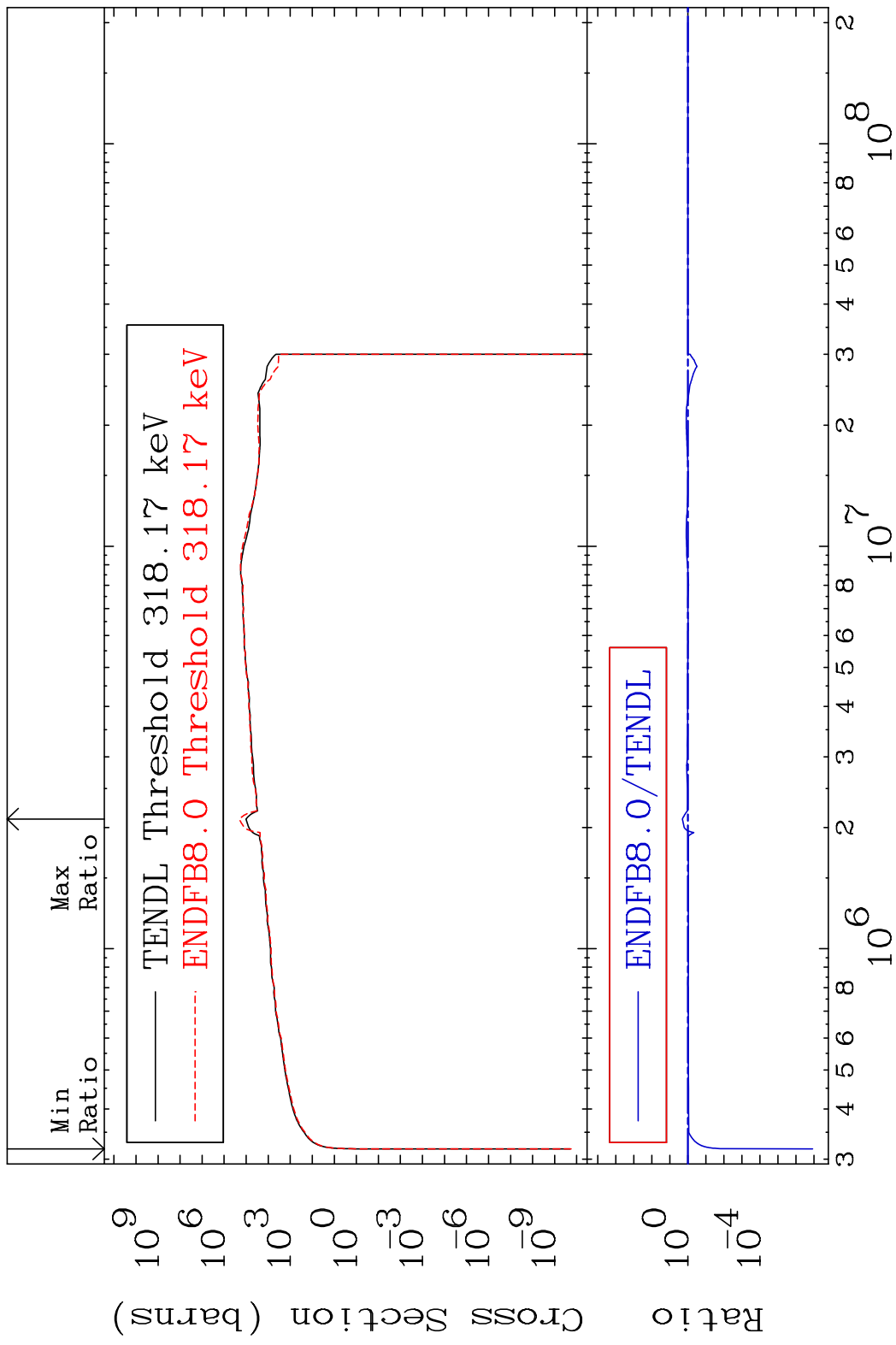
Cross Section -99.88 To 9999. %



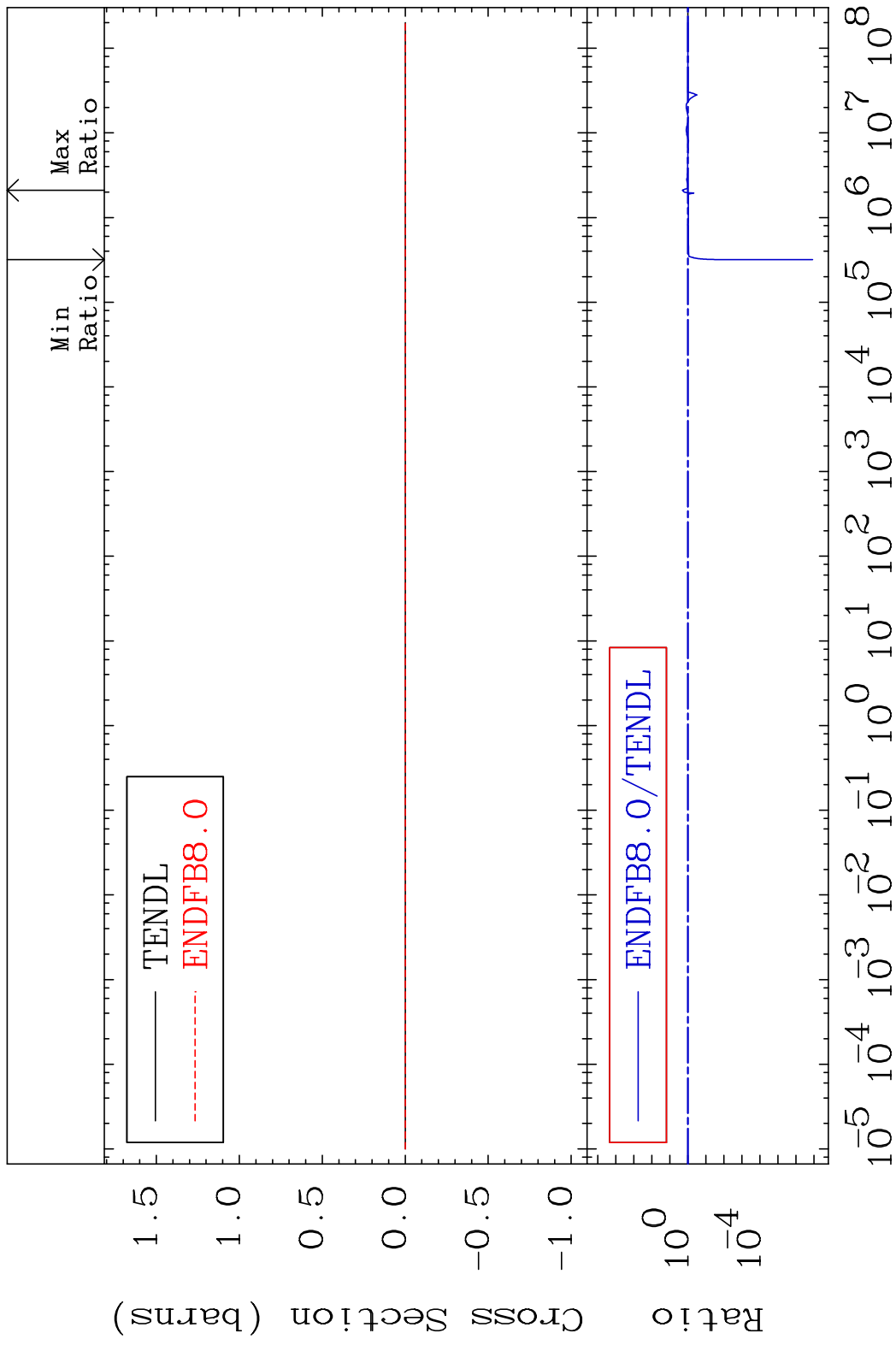
MAT 7831 Kerma non-elastic (all but mt2) 78-Pt-192
Cross Section -3704. To 9999. %



MAT 7831 Kerma inelastic (mt51-91) 78-Pt-192
 Cross Section -100.0 To 101.6 %



MAT 7831 Kerma fission (mt18 or mt19-20-21-38)78-Pt-192
 Cross Section -100.0 To 101.6 %

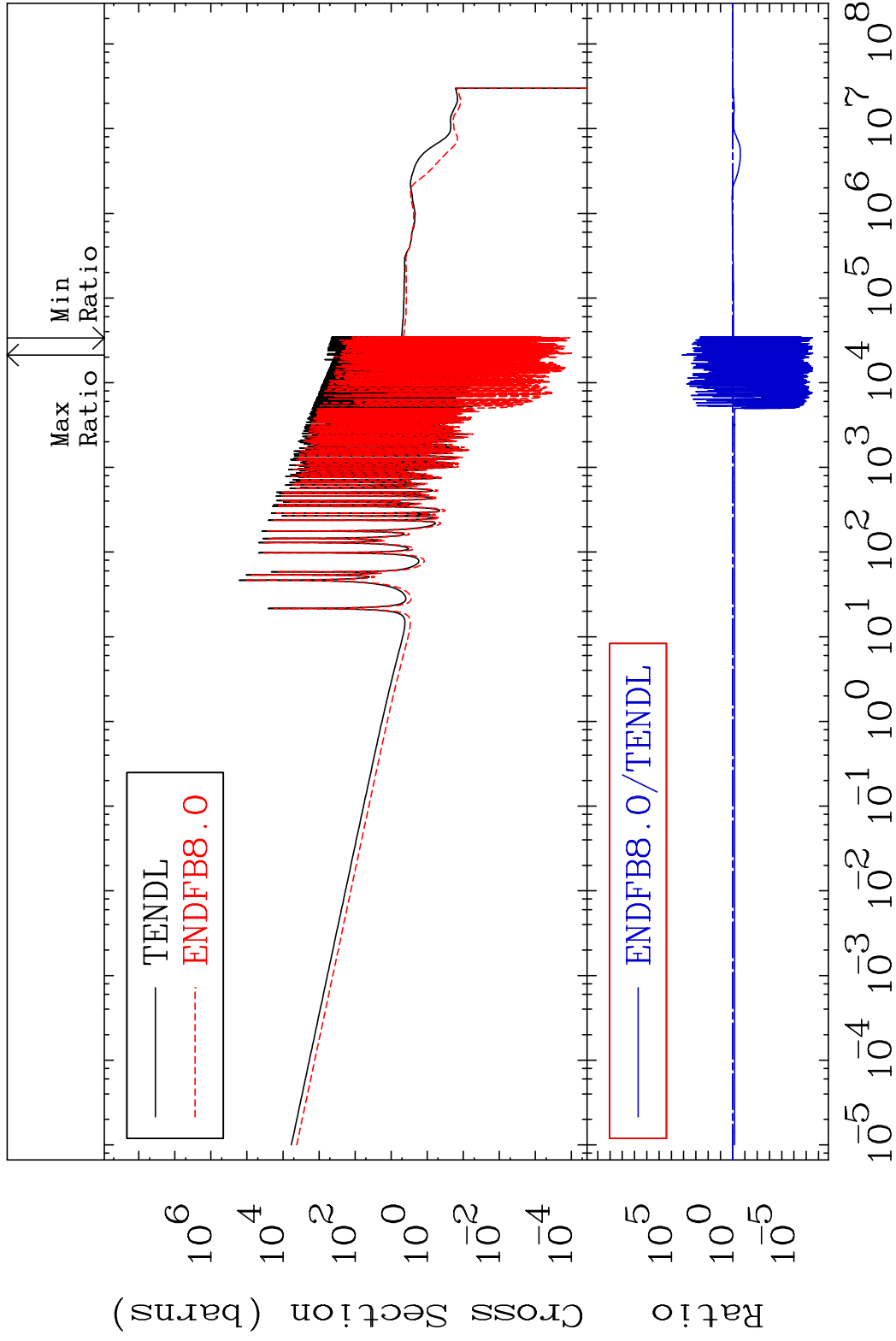


MAT 7831

Kerma capture (mt102)

78-Pt-192

Cross Section -100.0 To 9999. %

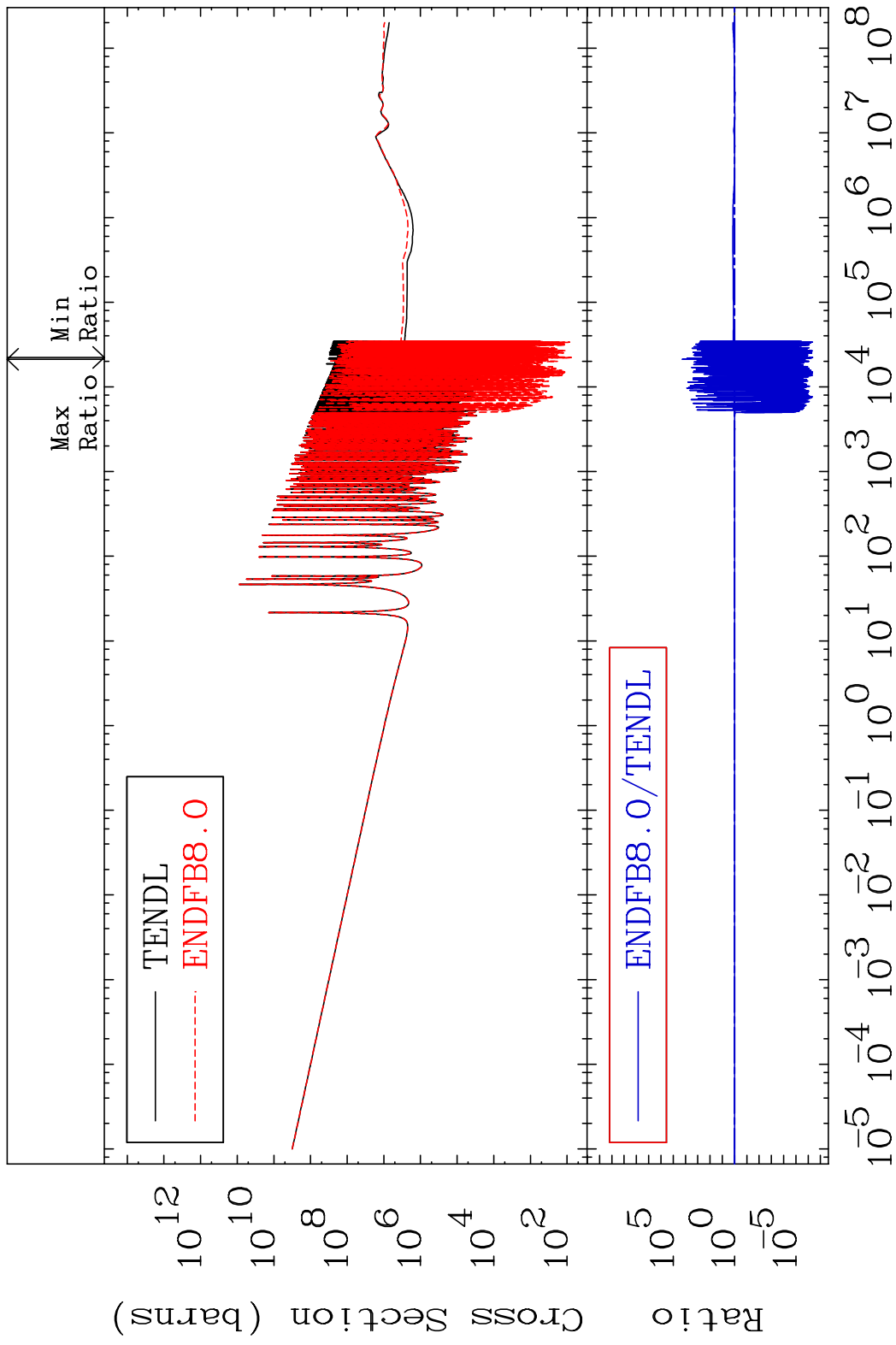


70

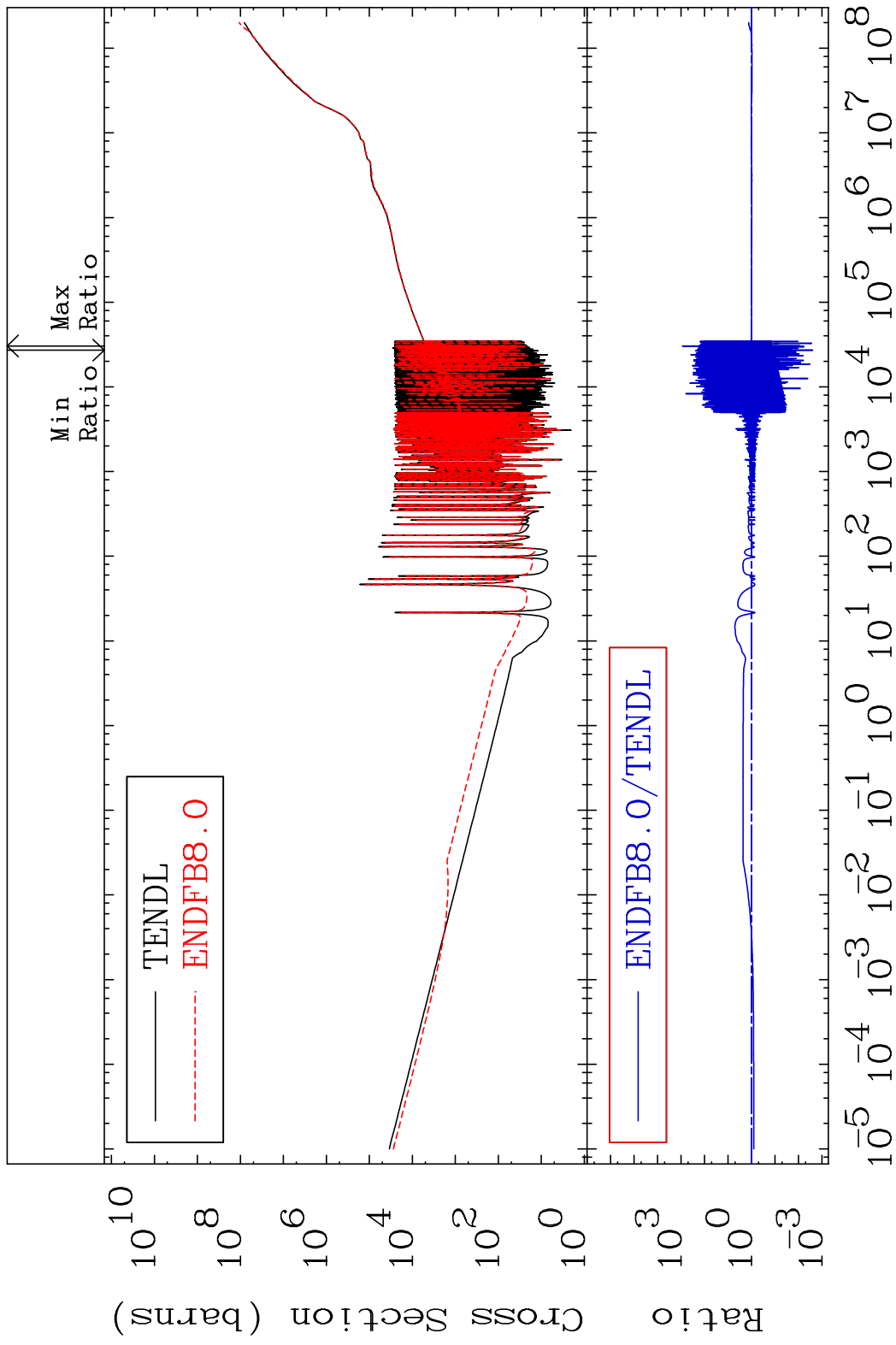
Incident Energy (eV)

78-Pt-192

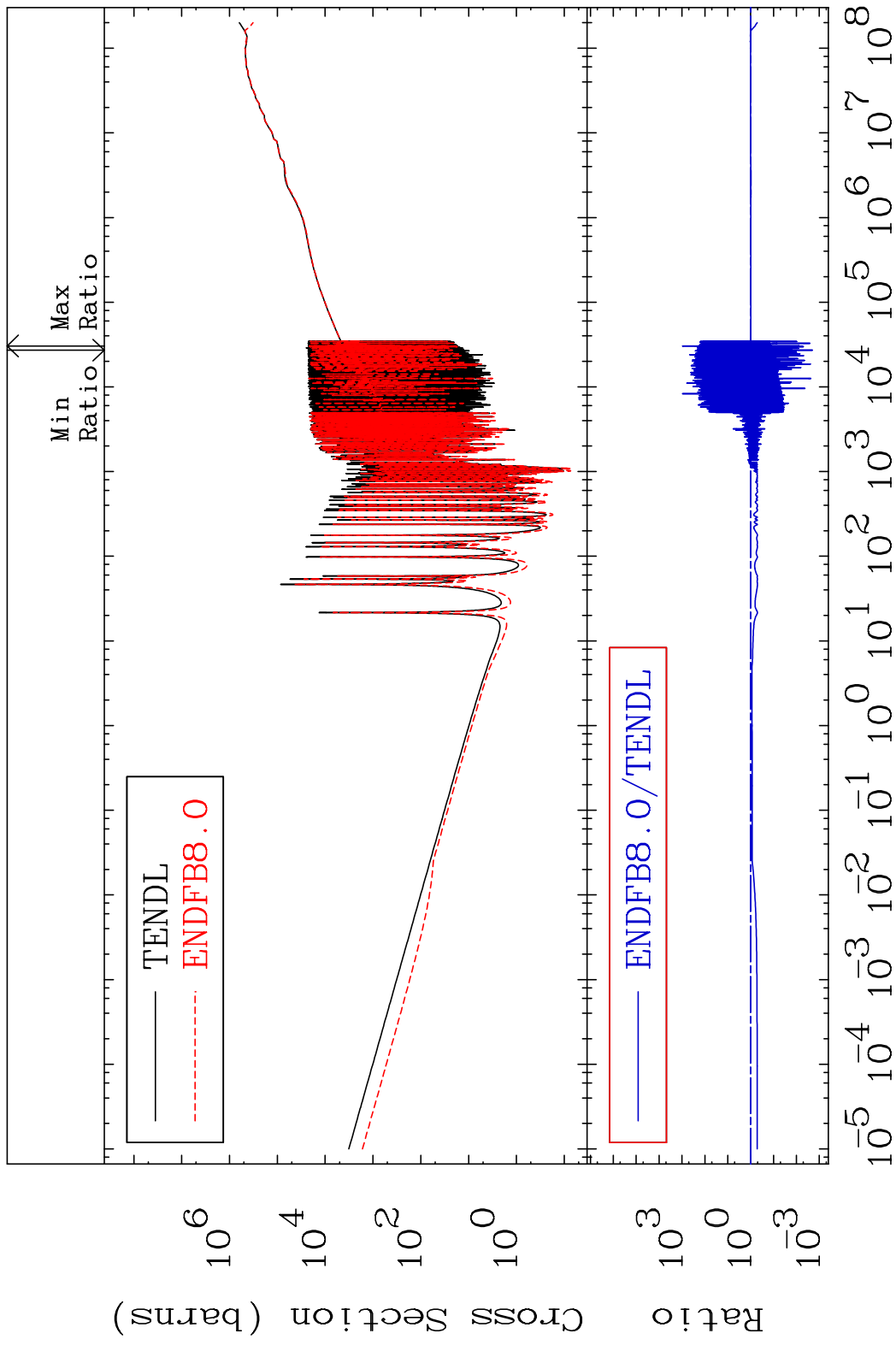
MAT 7831 Total photon (eV-barns) 78-Pt-192
 Cross Section -100.0 To 9999. %



MAT 7831 Total kinematic kerma (high limit) 78-Pt-192
 Cross Section -99.75 To 9999. %



MAT 7831 Dpa total (eV-barns) 78-Pt-192
 Cross Section -99.80 To 9999. %



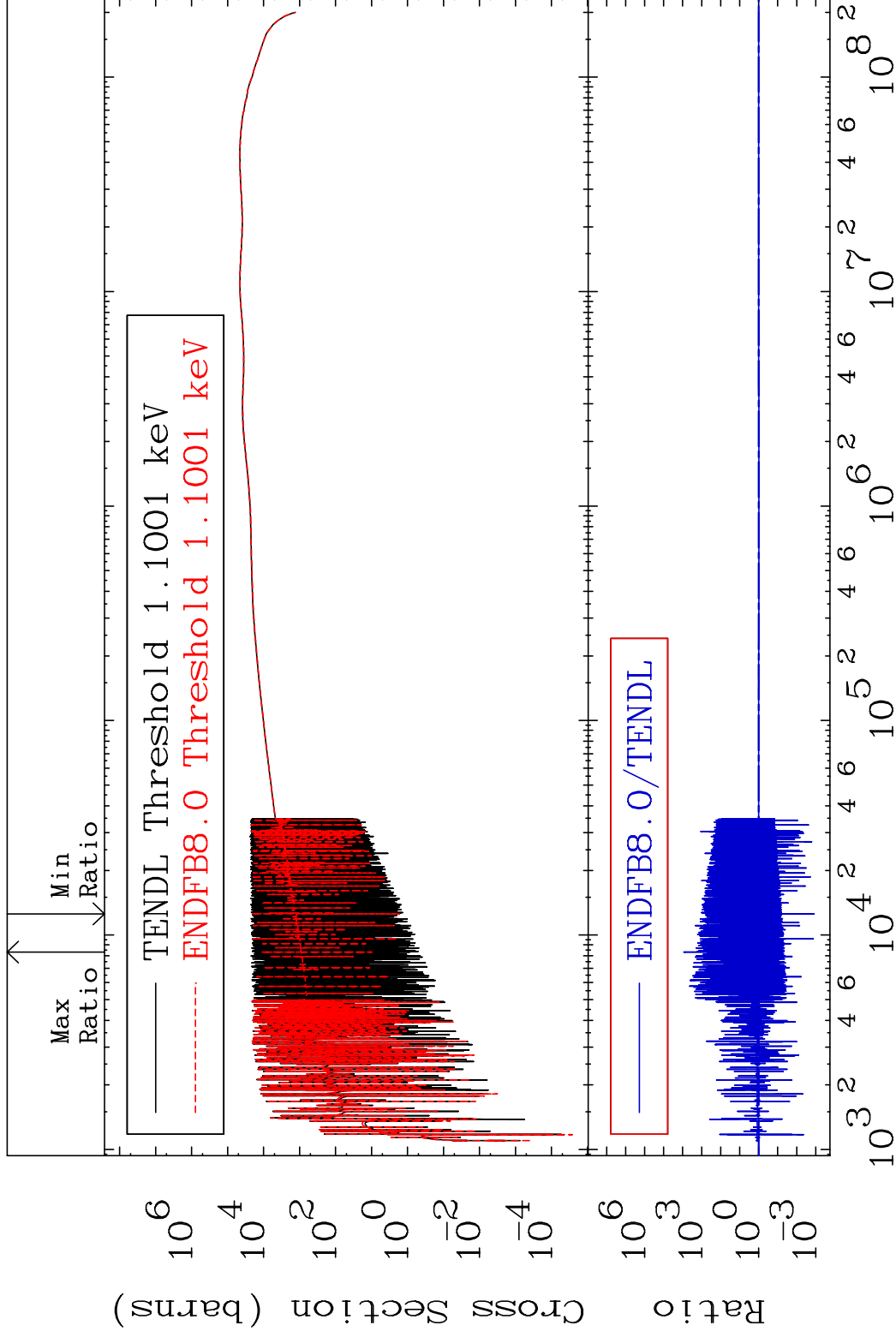
73 Incident Energy (eV) 78-Pt-192

MAT 7831

Dpa elastic (mt2)

78-Pt-192

Cross Section -99.88 To 9999. %

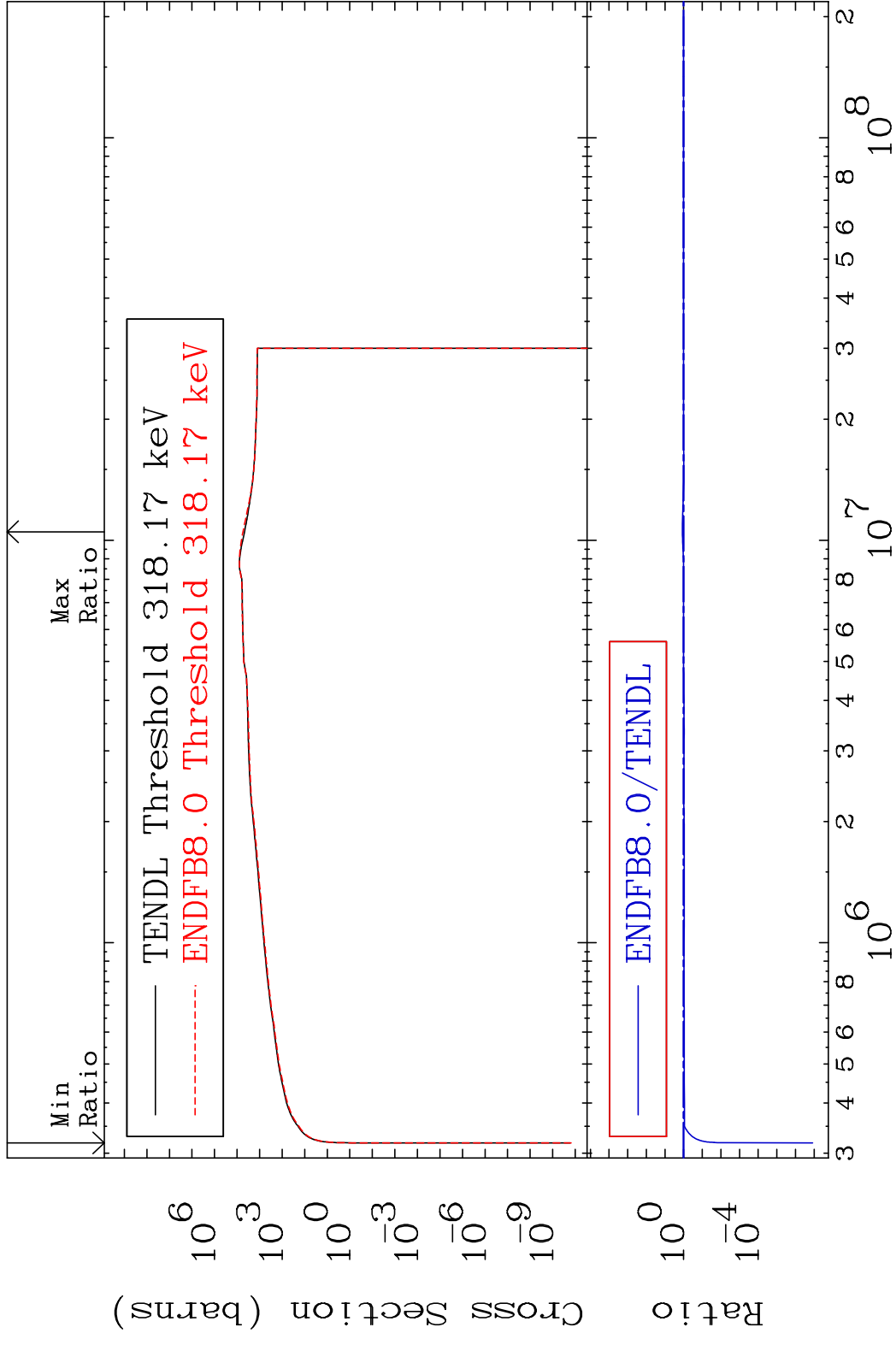


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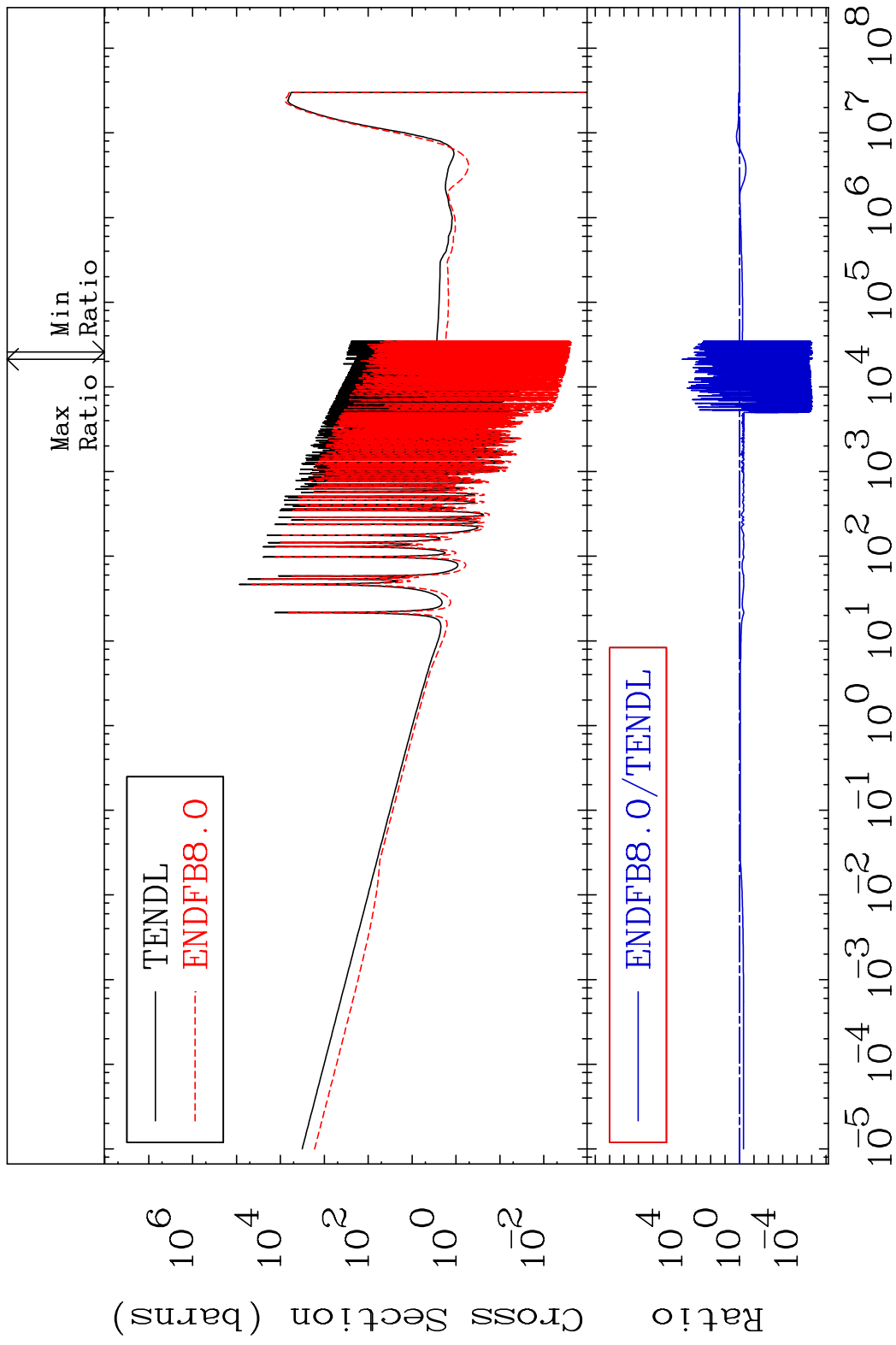
Incident Energy (eV)

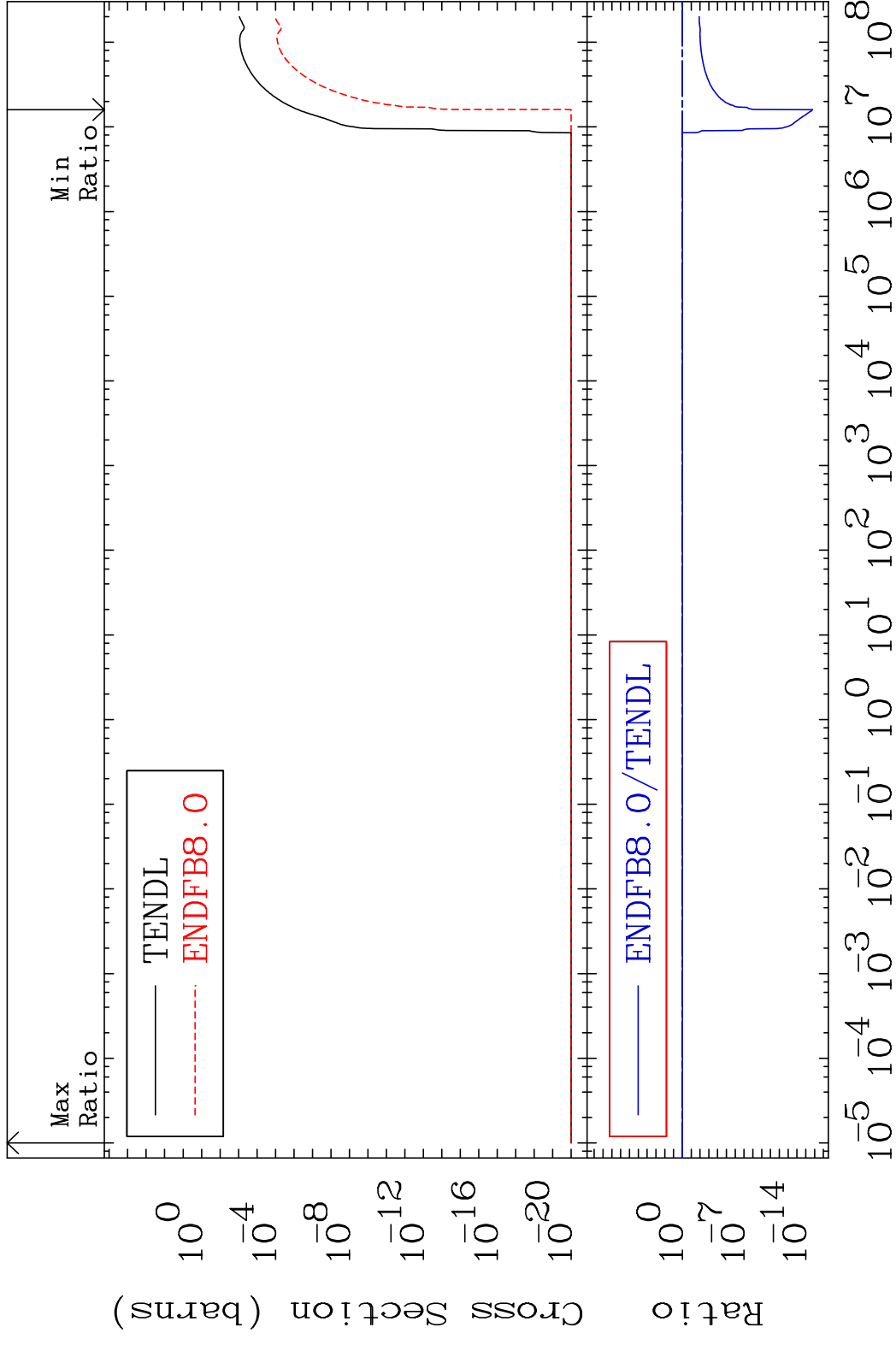
78-Pt-192

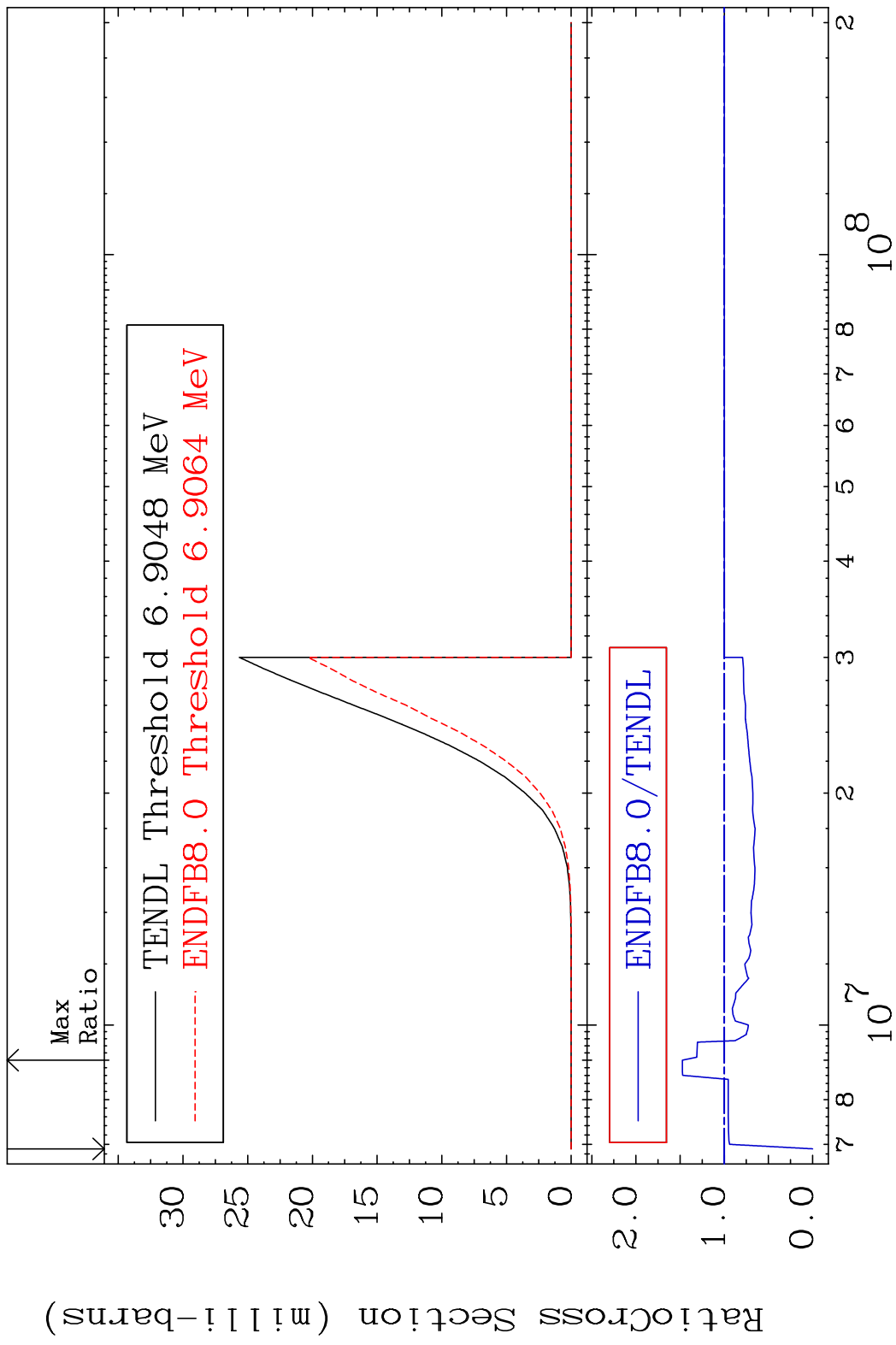
MAT 7831 Dpa inelastic (mt51-91) 78-Pt-192
 Cross Section -100.0 To 17.22 %



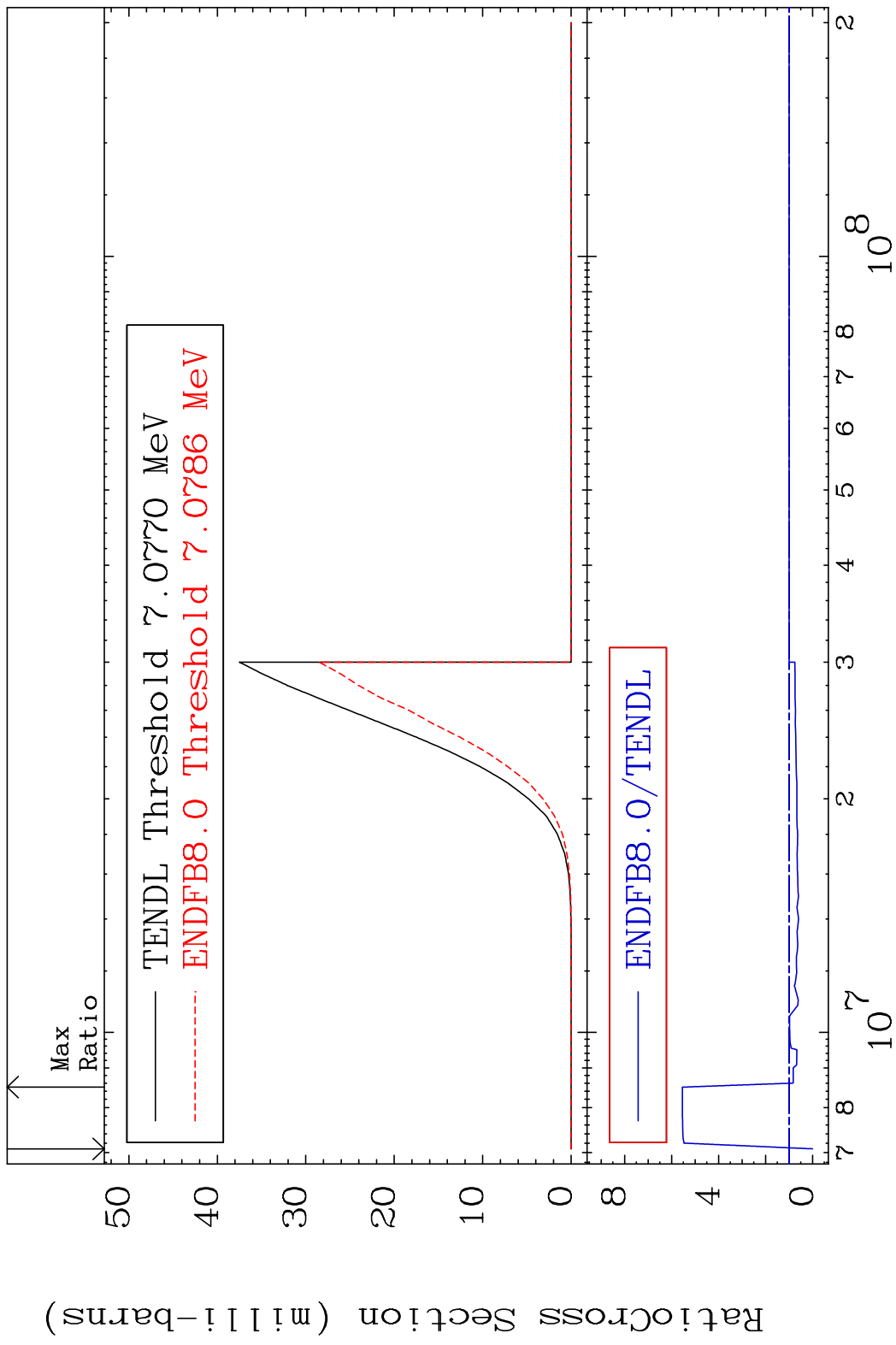
MAT 7831 Dpa disappearance (mt102 -120) 78-Pt-192
 Cross Section -100.0 To 9999. %





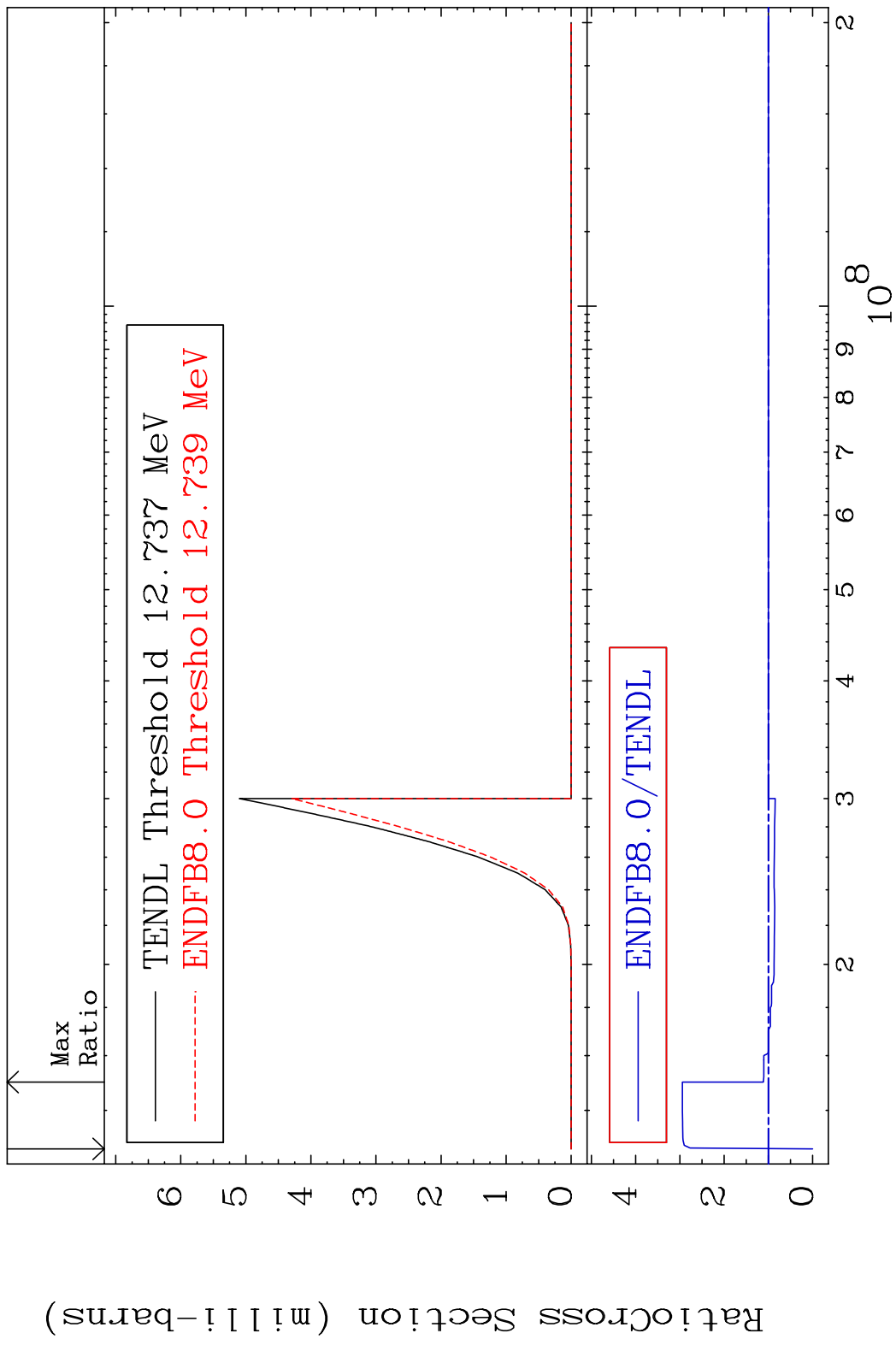


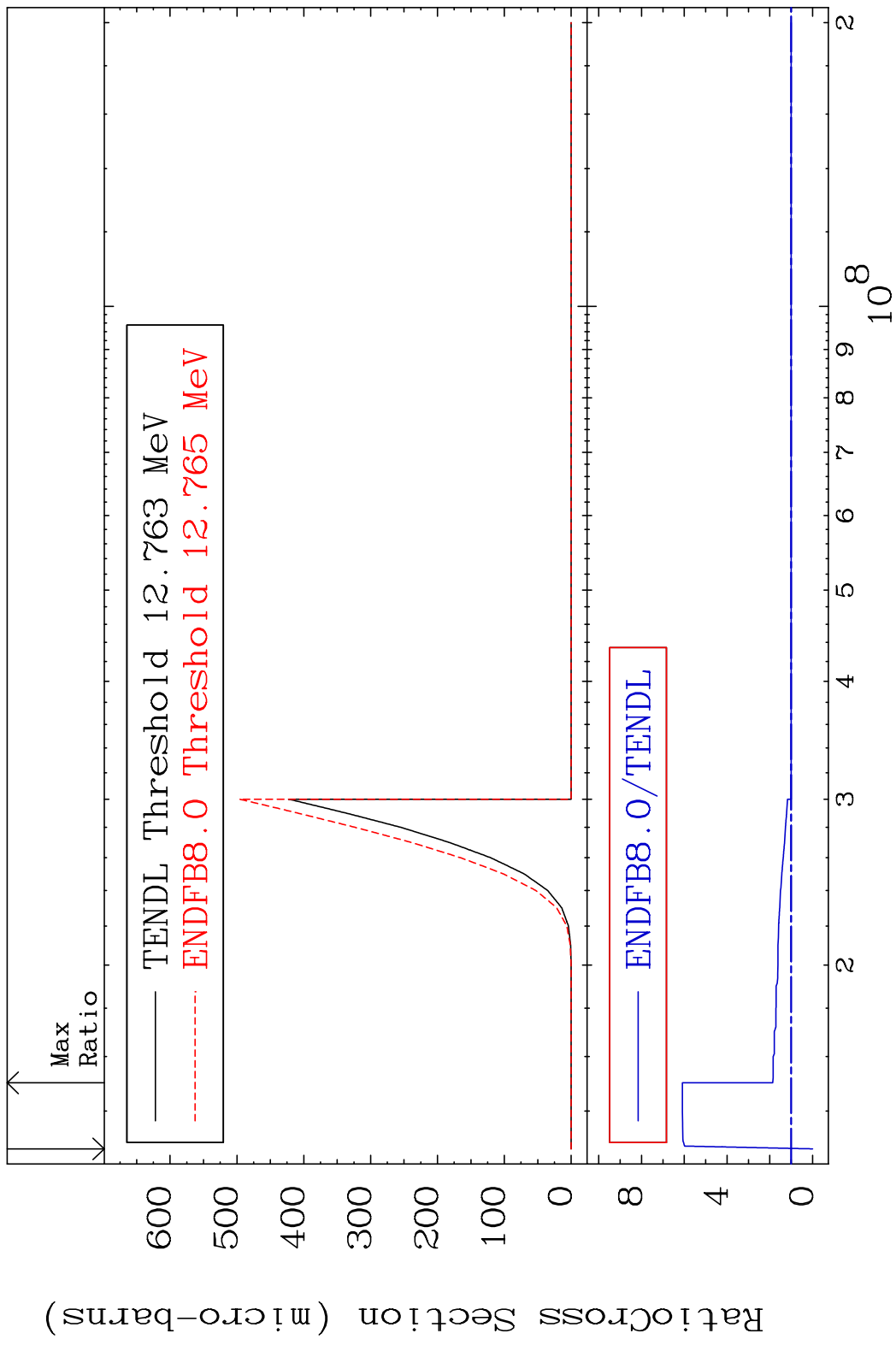
MAT 7831 (n, n') p:77-Ir-191m3 78-Pt-192
 Radionuclide Production Cross Section Ratio 454.4 %

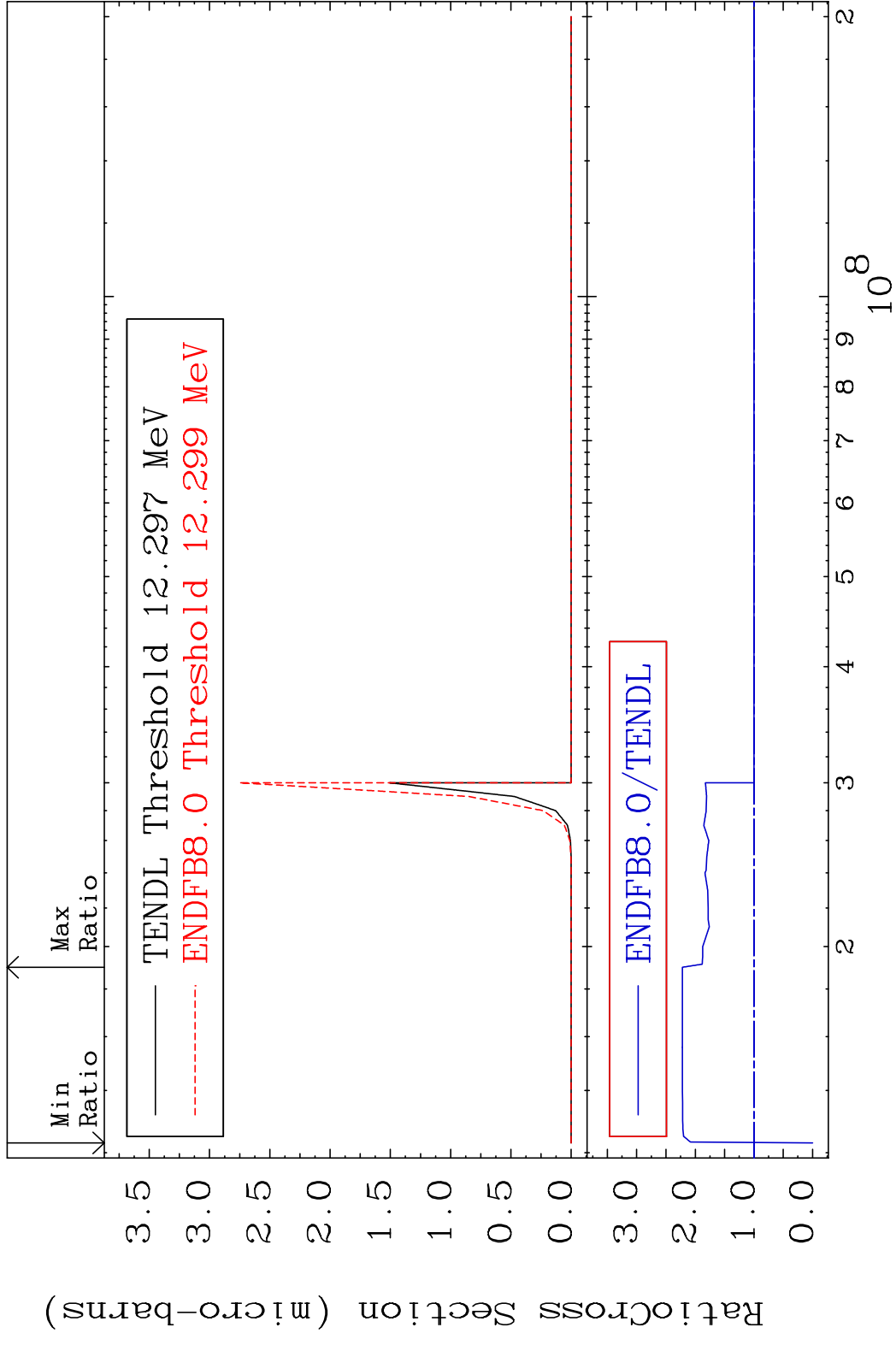


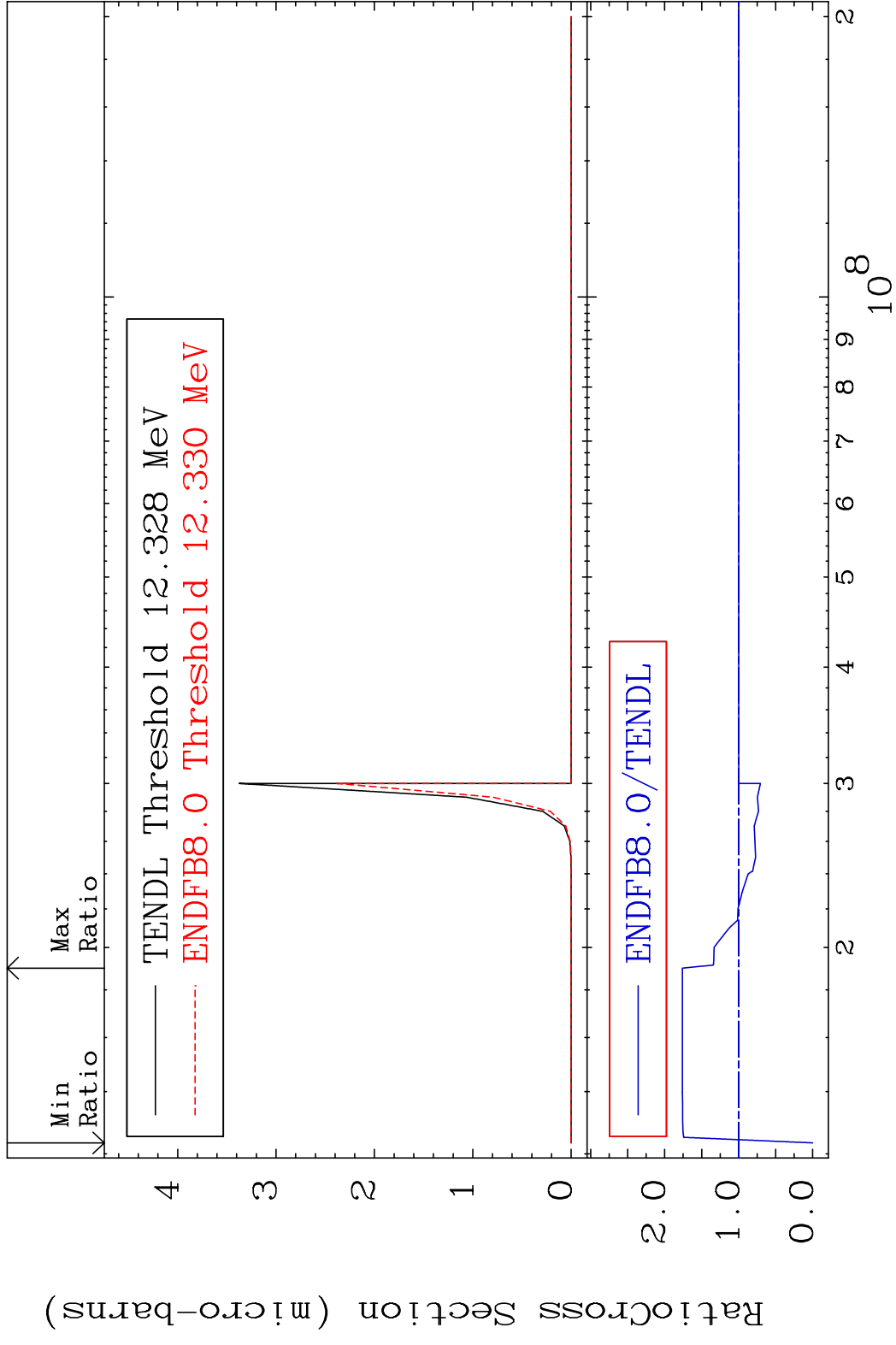
79 Incident Energy (eV) 78-Pt-192

MAT 7831 (n, n') d:77-Ir-190g 78-Pt-192
 Radionuclide Production Cross Section 180.0 dth 194.3 %

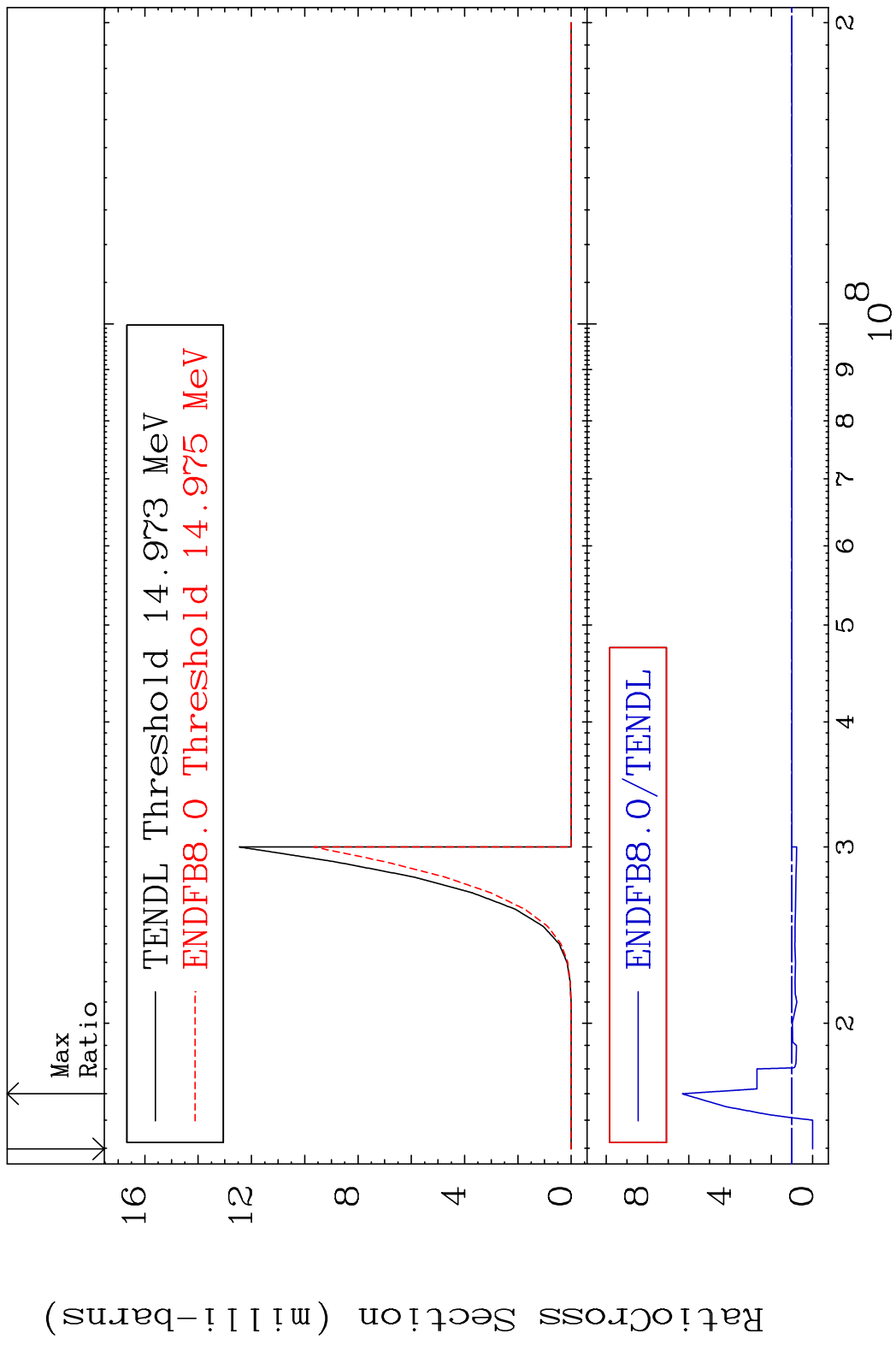


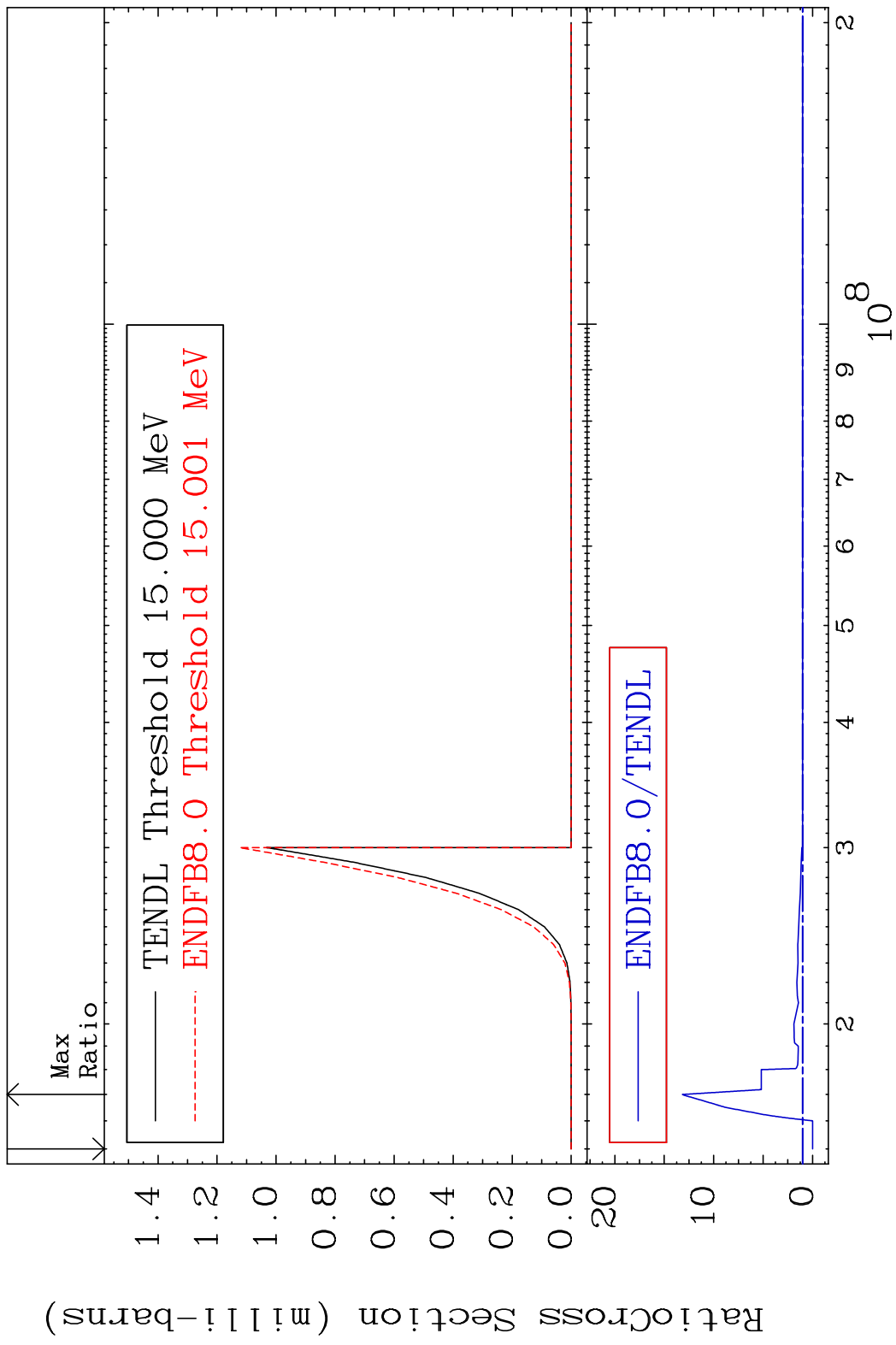


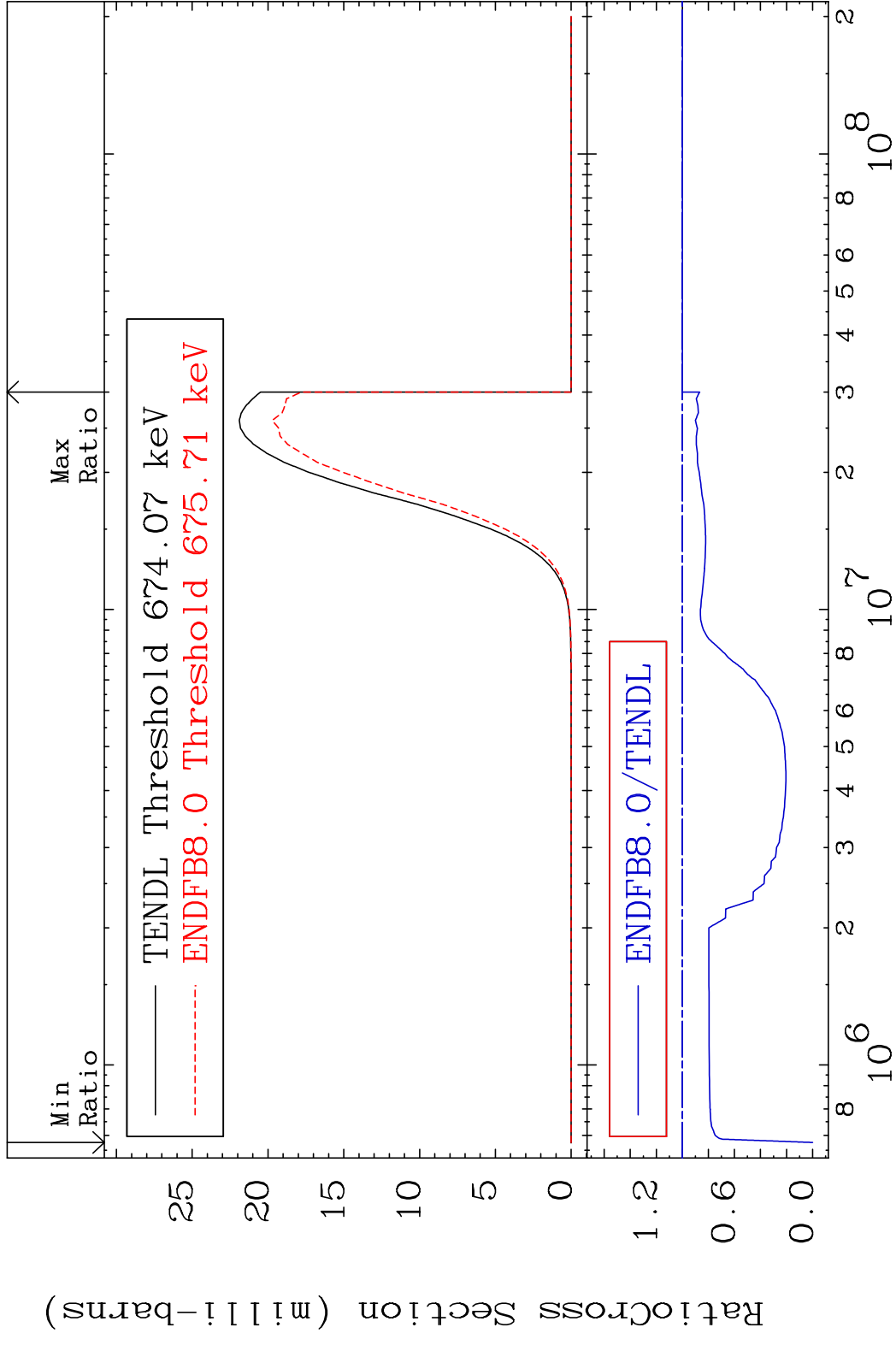




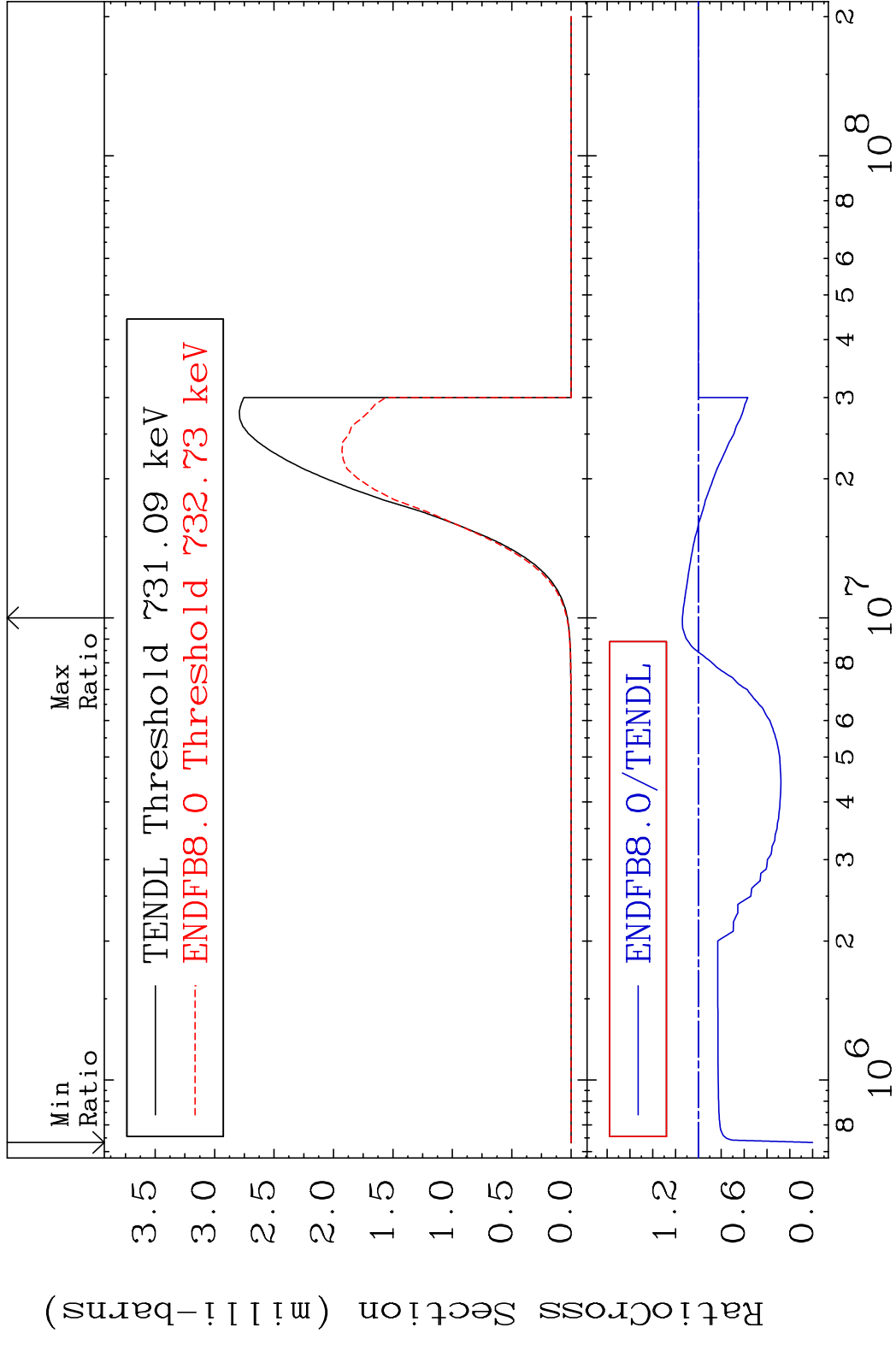
MAT 7831 (n,2n) p:77-Ir-190g 78-Pt-192
 Radionuclide Production Cross Section Ratio 531.3 %



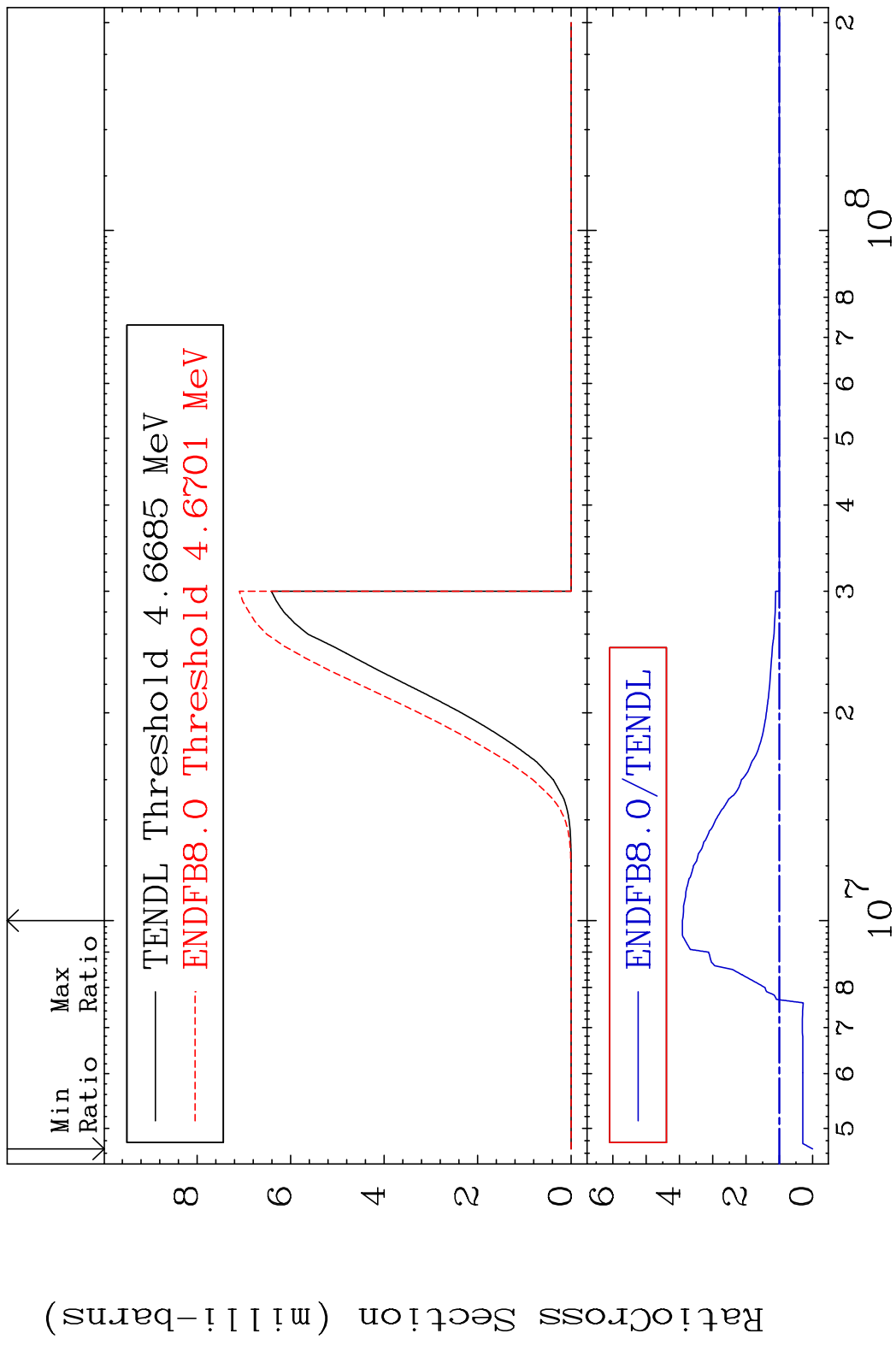




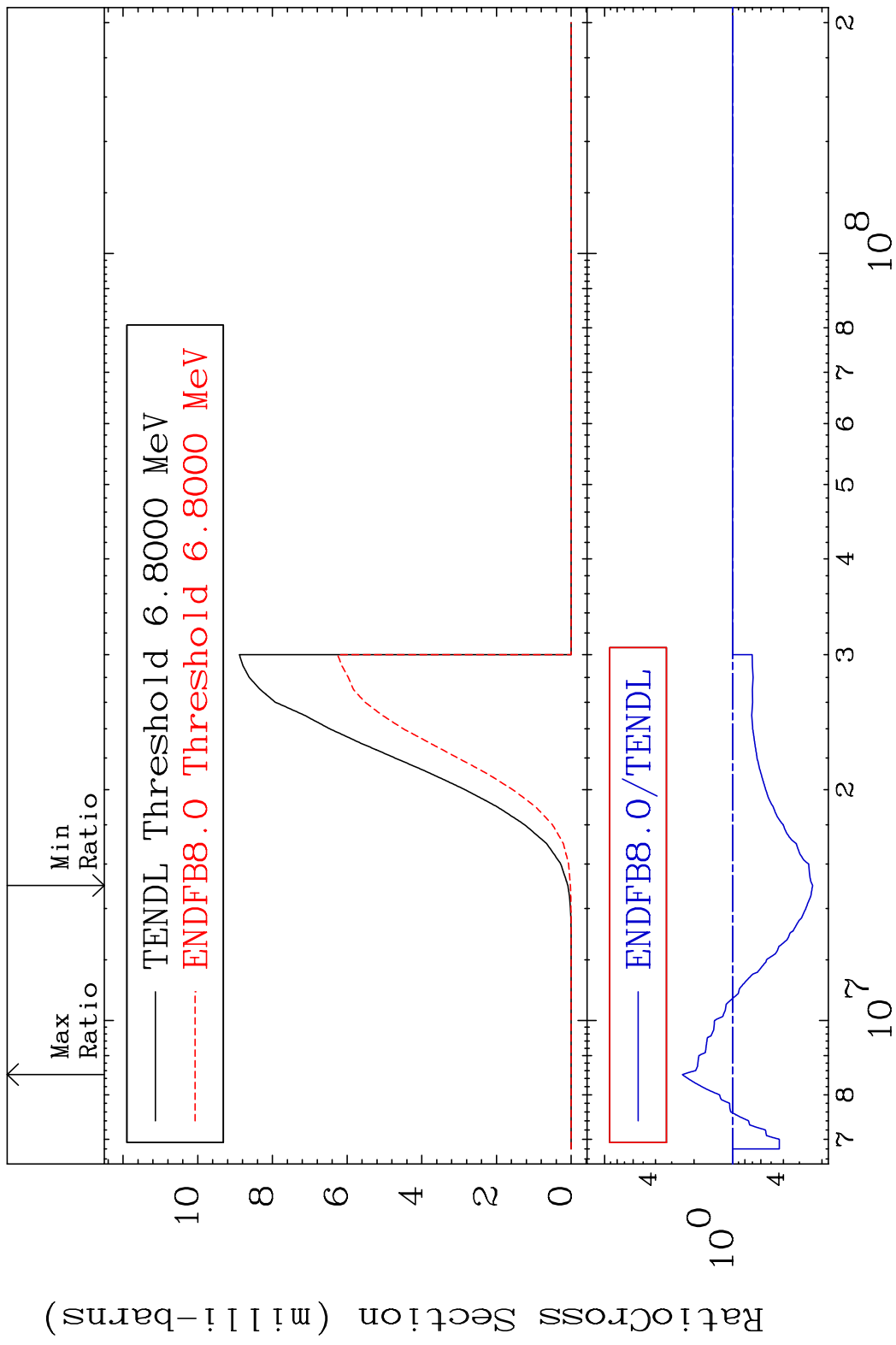
MAT 7831 (n,p):77-Ir-192m3 78-Pt-192
 Radionuclide Production Cross Section Ratio 14.11 %



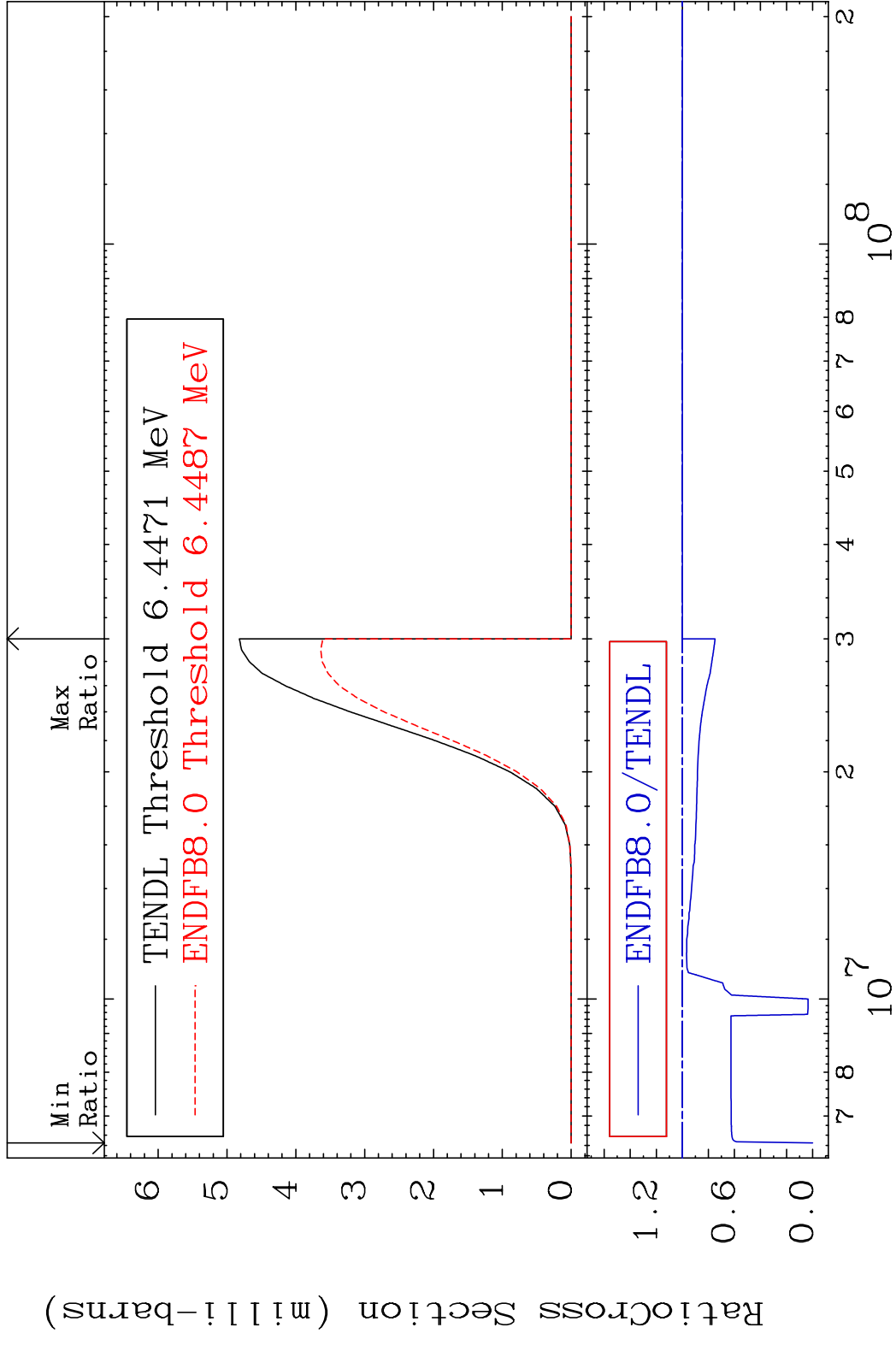
MAT 7831 (n,d):77-Ir-191g 78-Pt-192
 Radionuclide Production Cross Section 180.0 dth 291.1 %



MAT 7831 (n,d):77-Ir-191m3 78-Pt-192
 Radionuclide Production Cross Section 147.0 %



MAT 7831 (n, t): 77-Ir-190g 78-Pt-192
 Radionuclide Production Cross Section Ratio 0.000 %



MAT 7831 (n, t): 77-Ir-190m2 78-Pt-192
 Radionuclide Production Cross Section 132.8 %

