

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

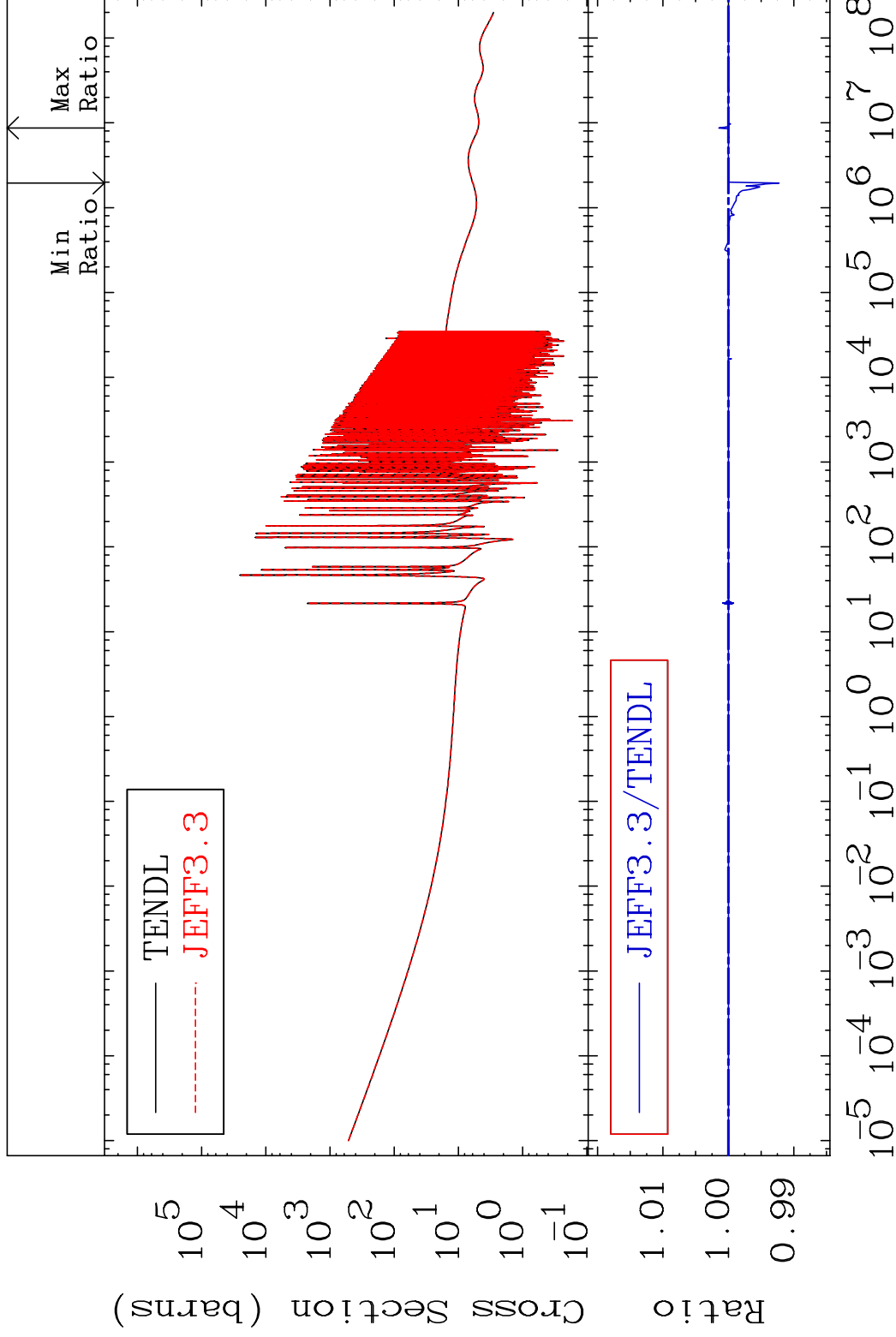
MAT 7831

Total

78-Pt-192

Cross Section

-0.773 To 0.146 %



1

Incident Energy (eV)

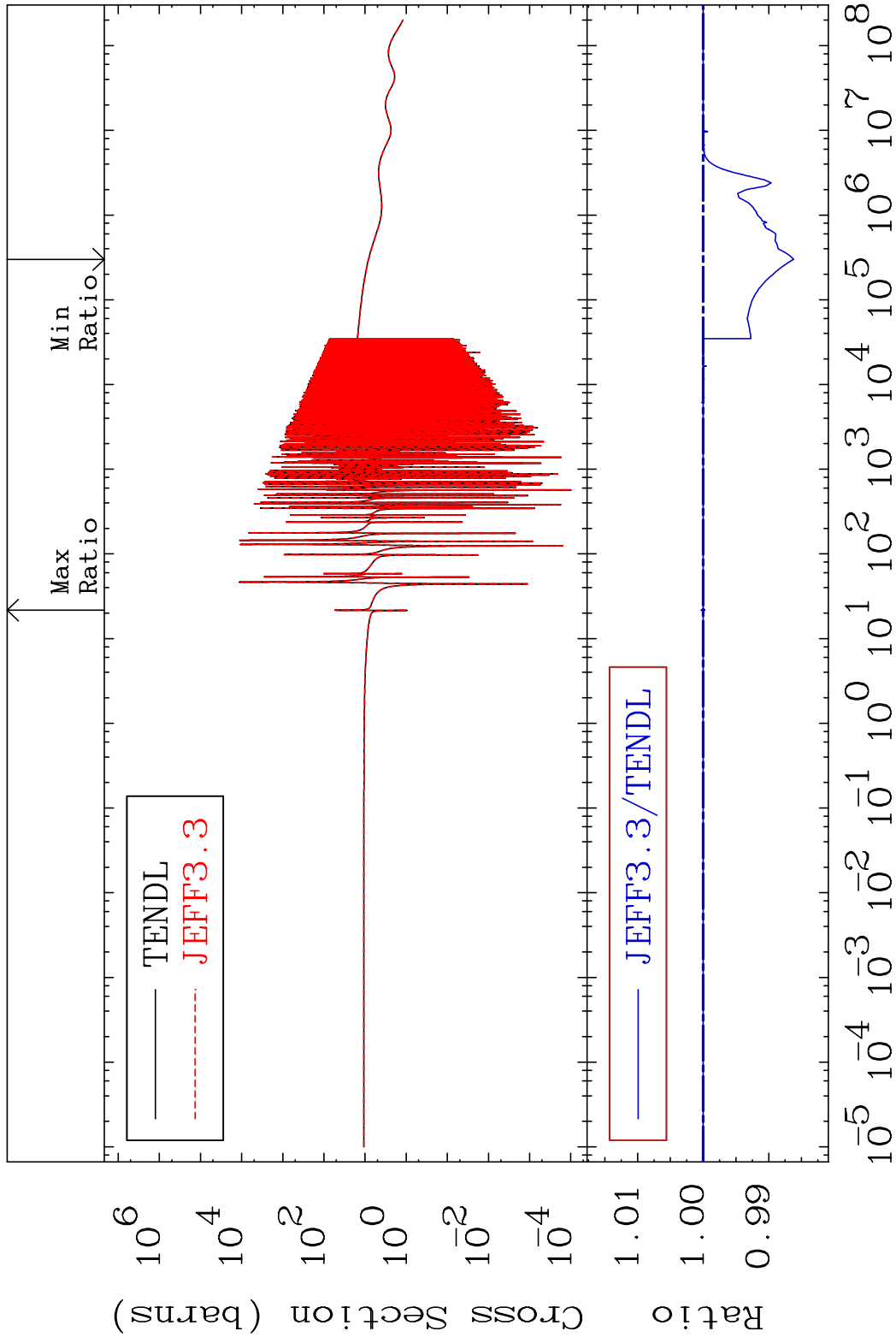
78-Pt-192

MAT 7831

Elastic

78-Pt-192

Cross Section -1.380 To 0.029 %

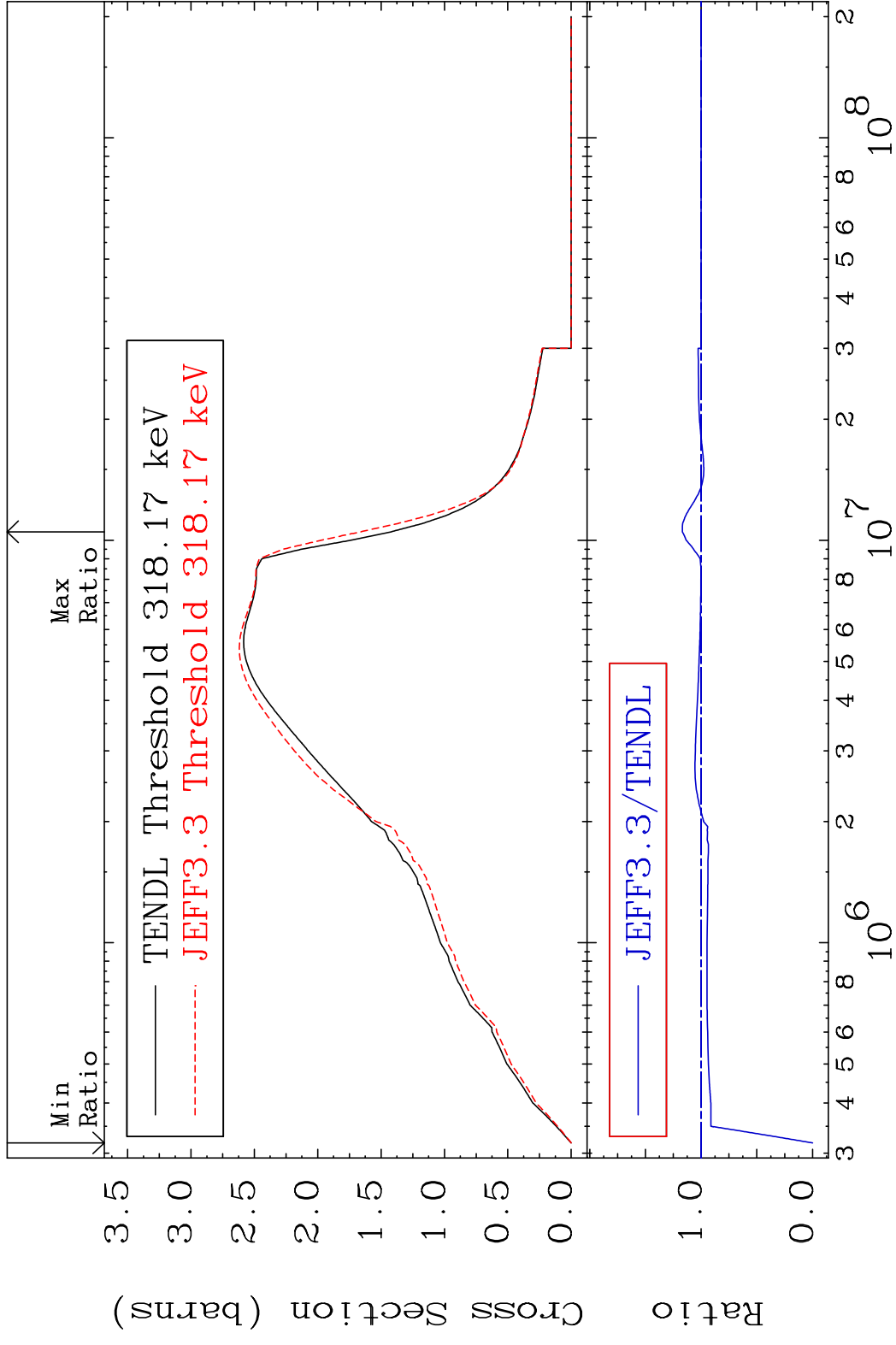


2

Incident Energy (eV)

78-Pt-192

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



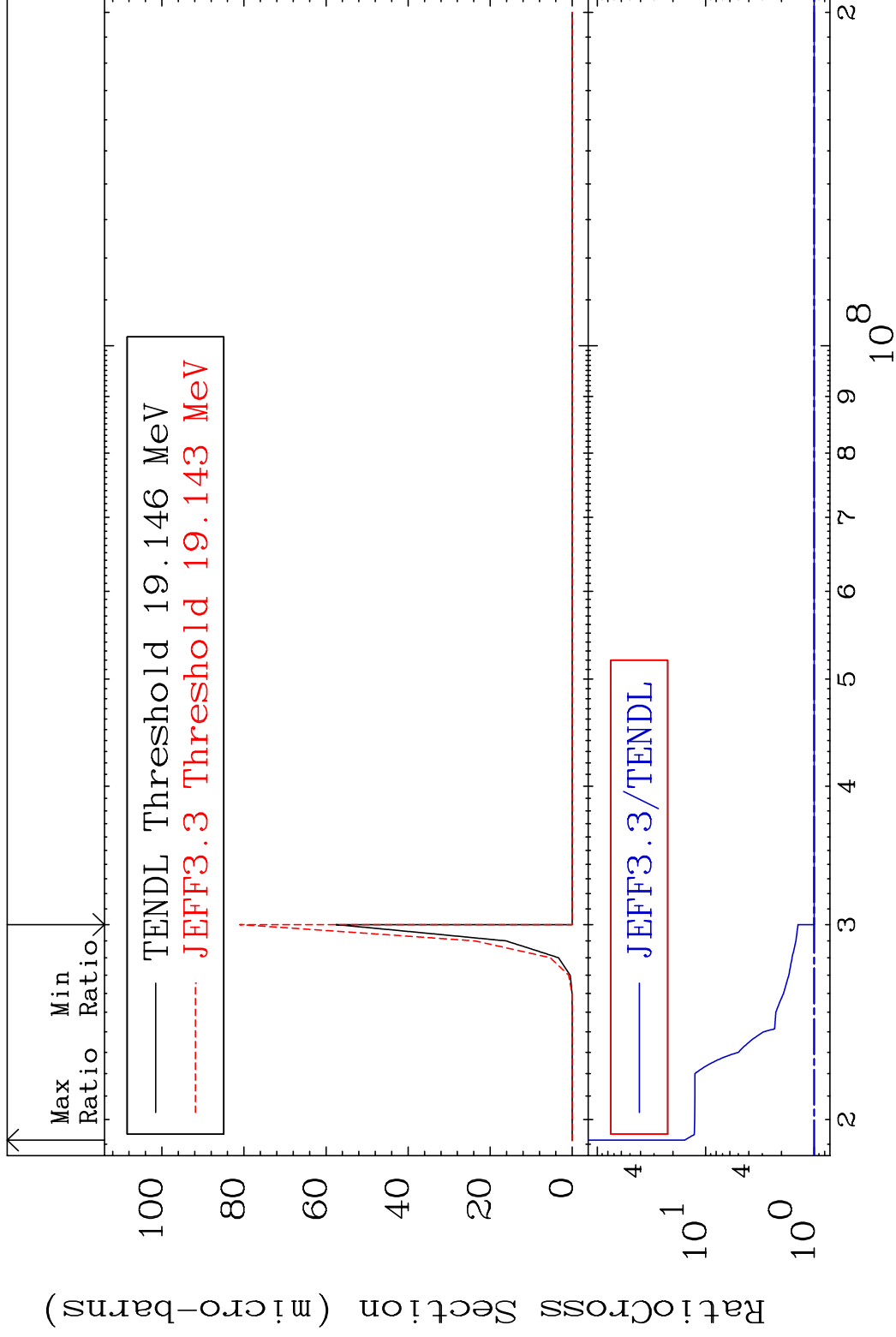
3 Incident Energy (eV) 78-Pt-192

MAT 7831

(n,2n) d

78-Pt-192

Cross Section 0.000 To 1497. %



4

Incident Energy (eV)

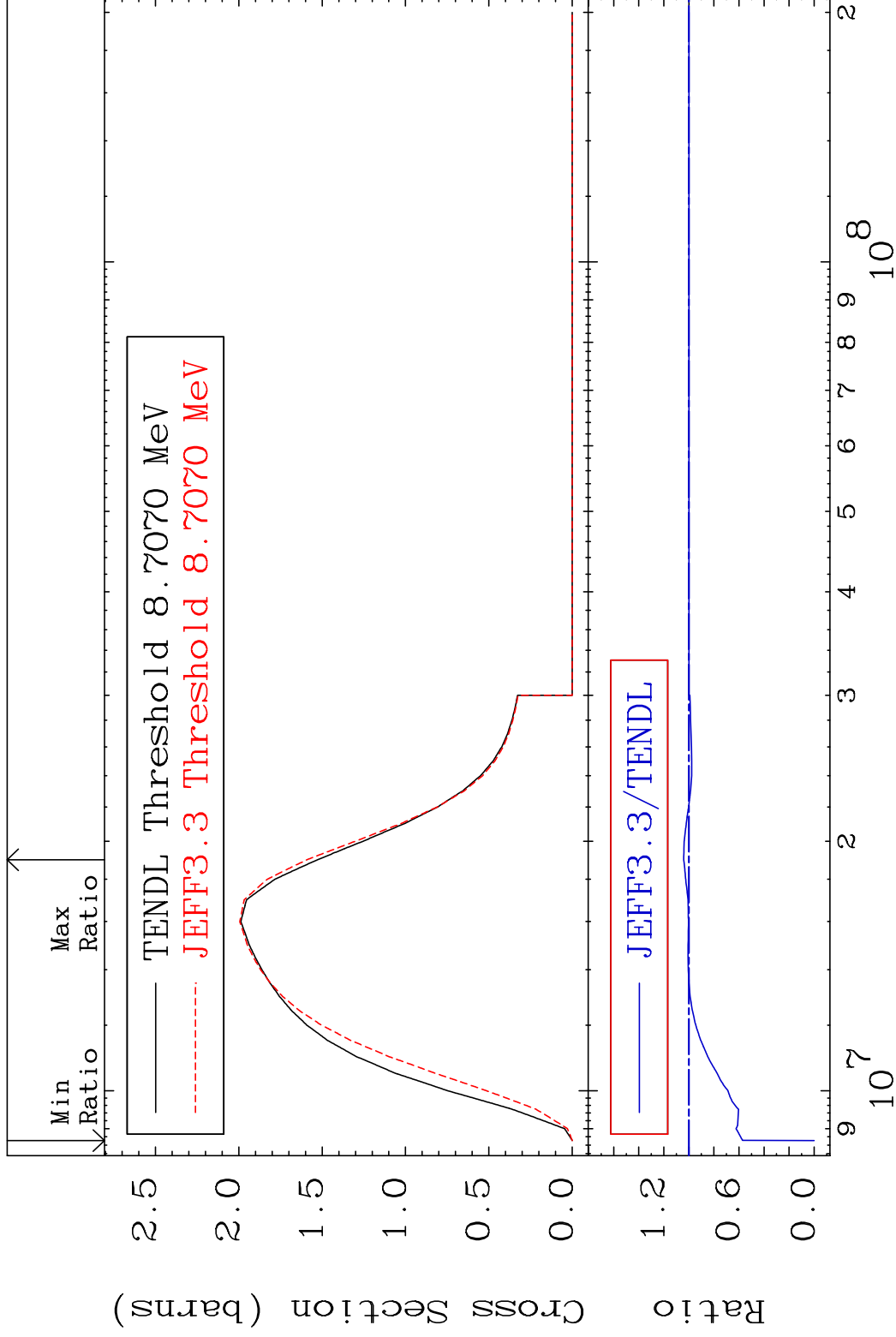
78-Pt-192

MAT 7831

(n,2n)

78-Pt-192

Cross Section -100.0 To 4.151 %



5

Incident Energy (eV)

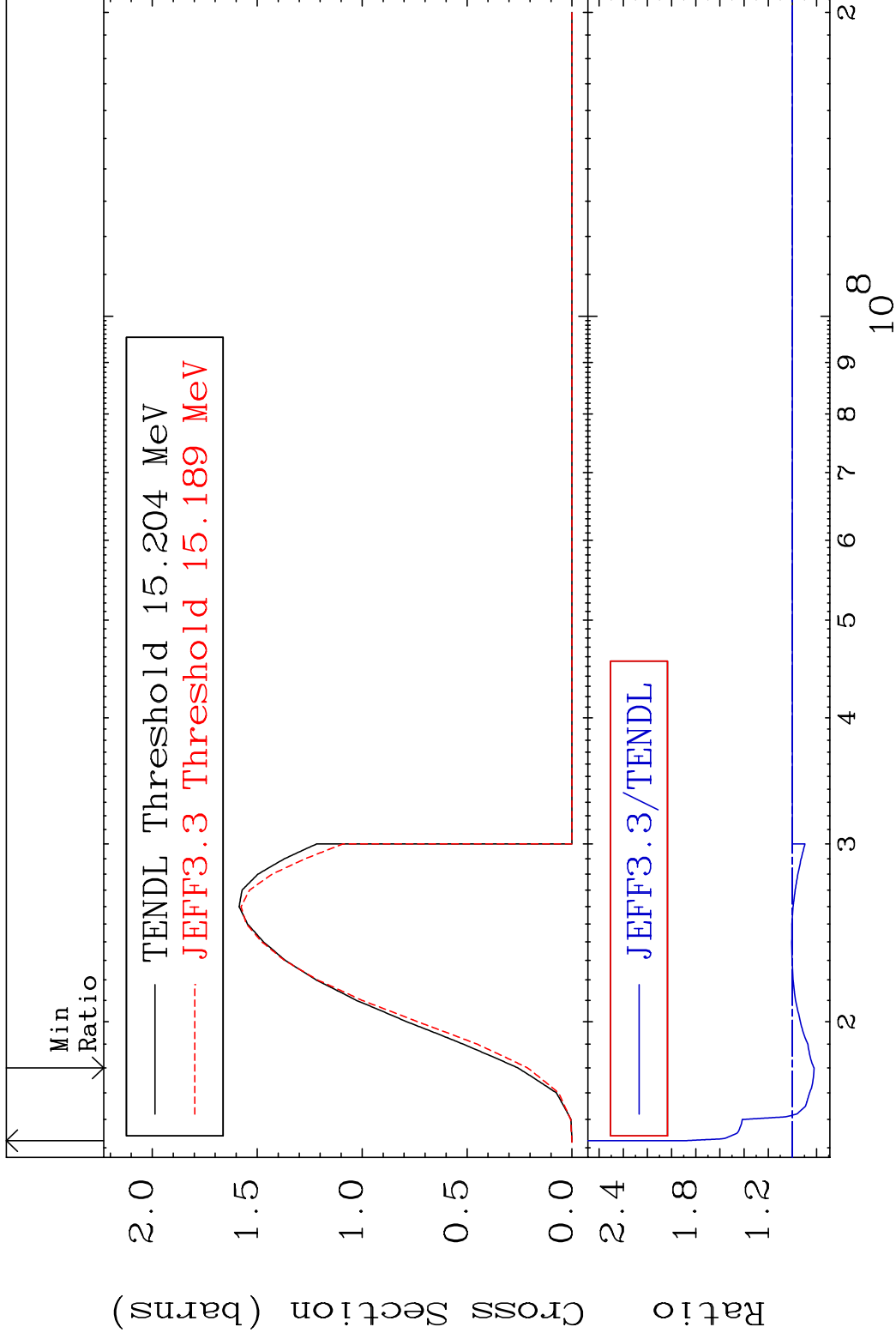
78-Pt-192

MAT 7831

(n,3n)

78-Pt-192

Cross Section -17.89 To 90.20 %

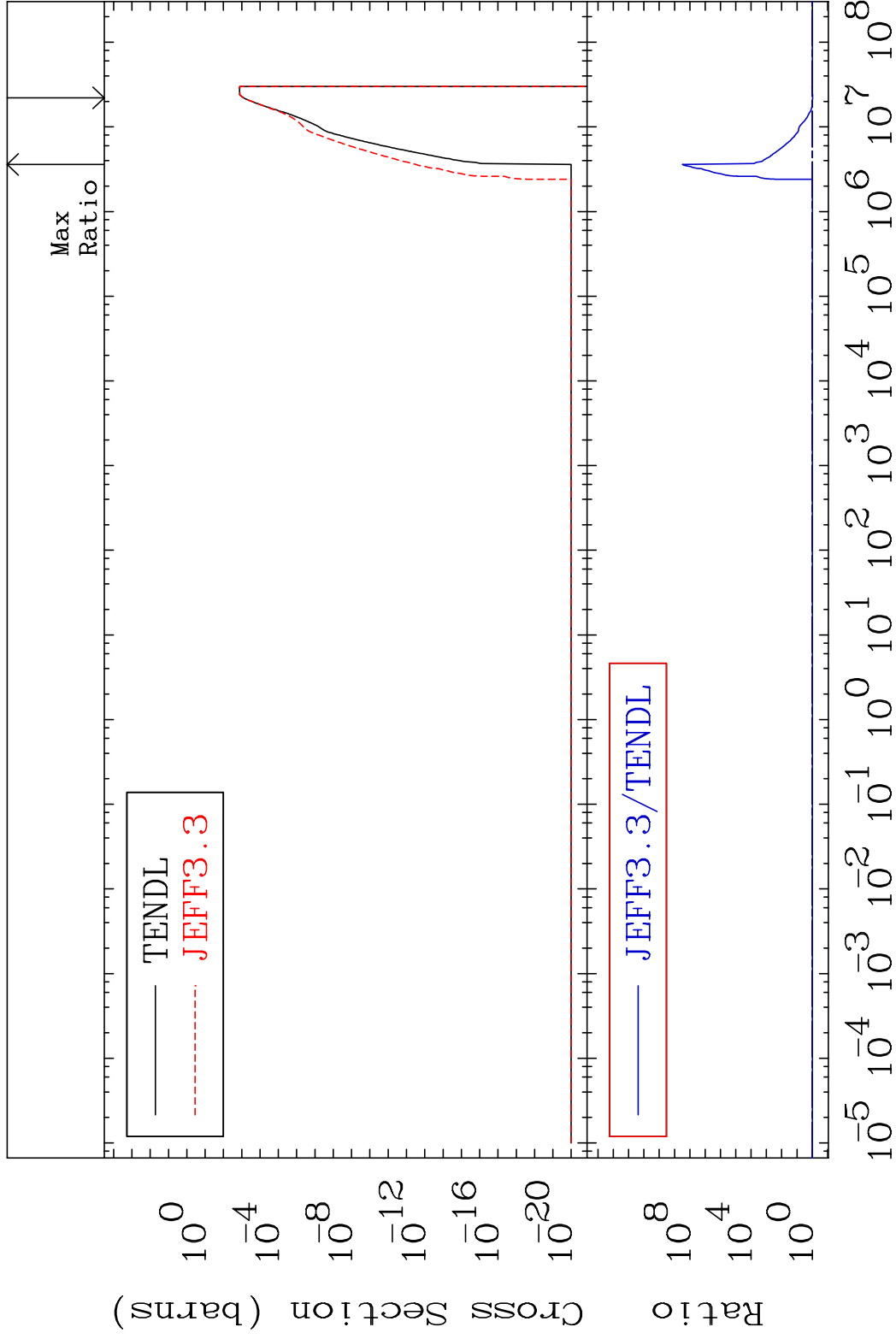


MAT 7831

(n, n')  $\alpha$

78-Pt-192

Cross Section -3.466 To 9999. %



7

Incident Energy (eV)

78-Pt-192

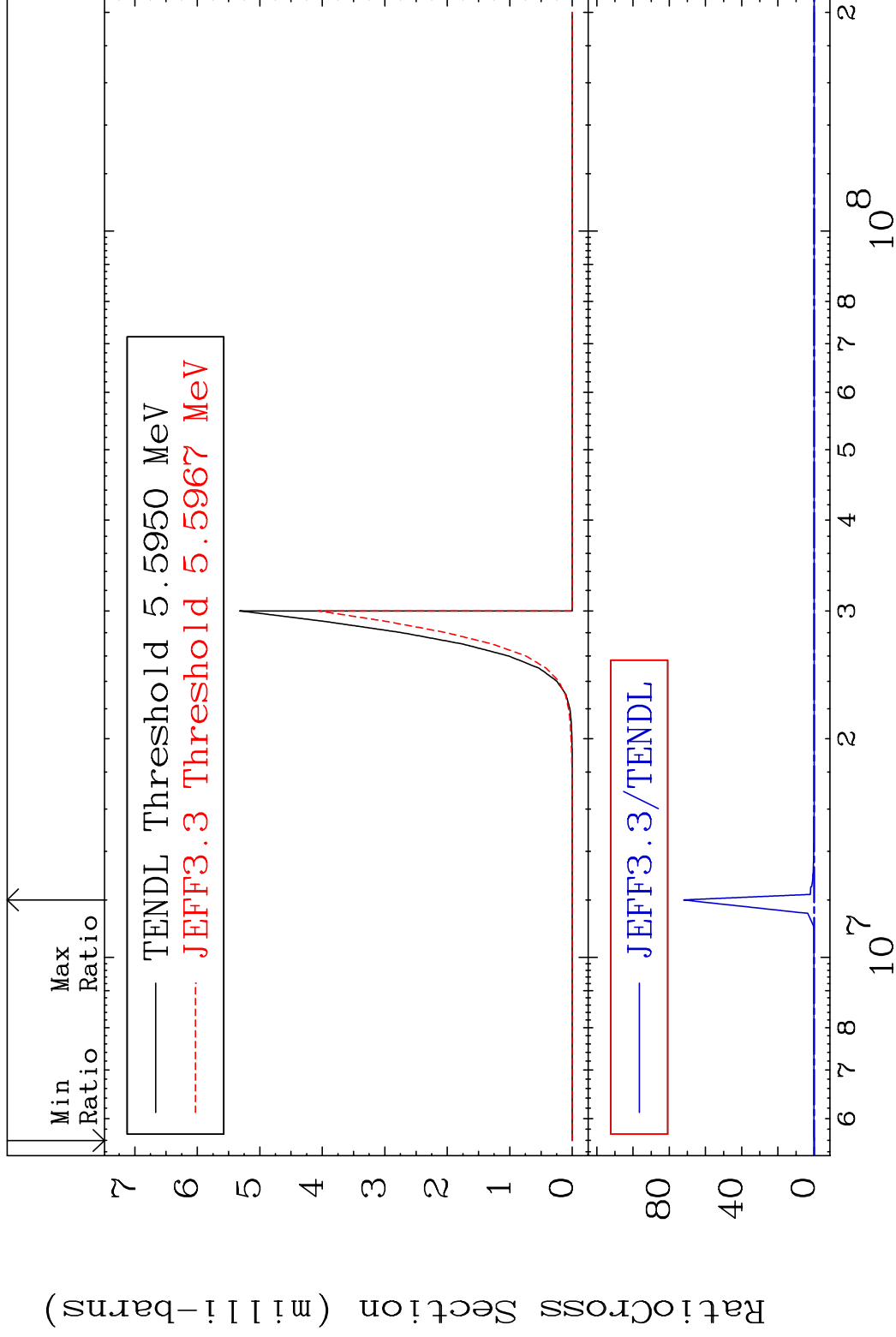


MAT 7831

(n,2n)  $\alpha$

78-Pt-192

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

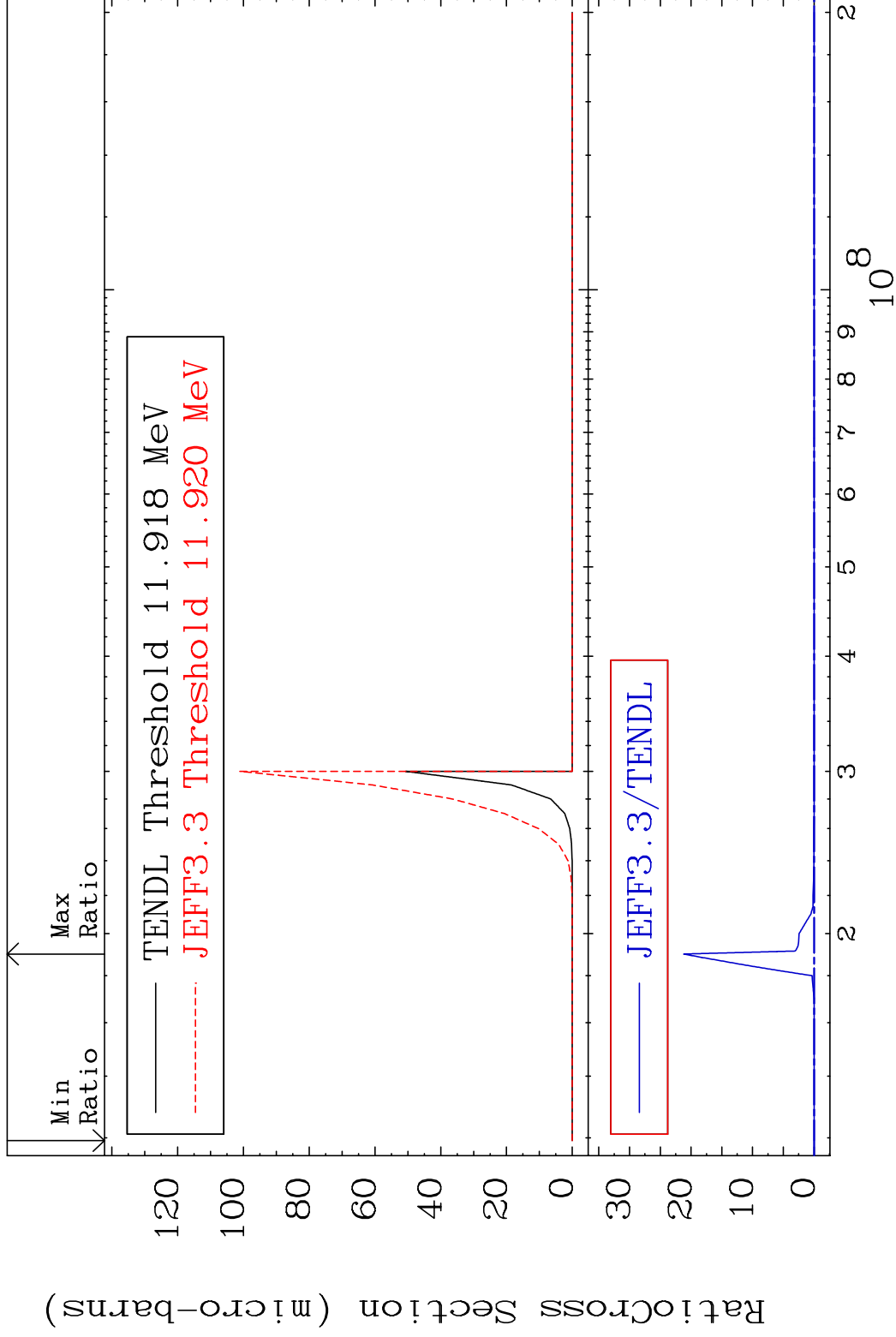
78-Pt-192

MAT 7831

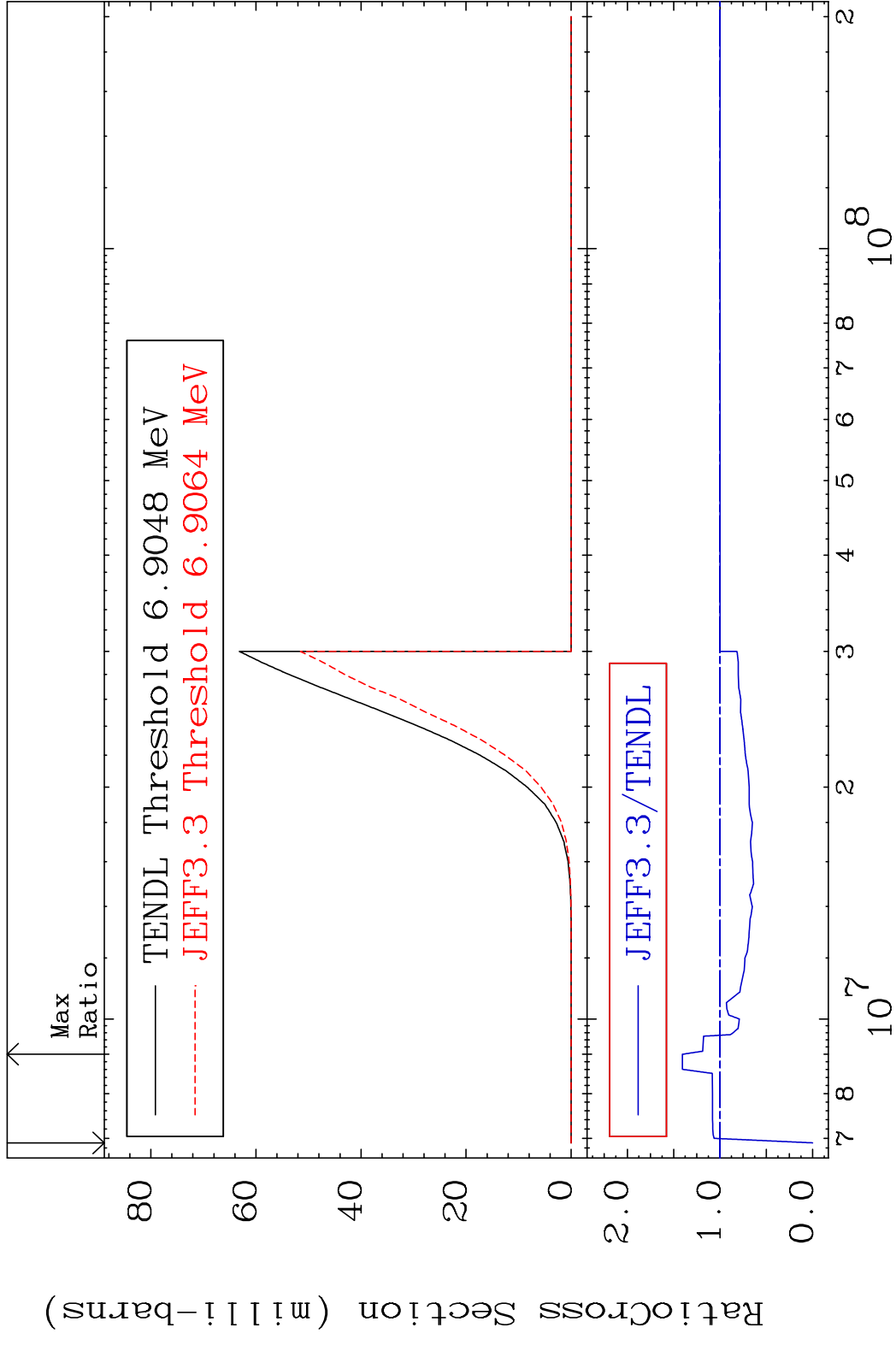
(n,3n)  $\alpha$

78-Pt-192

Cross Section -100.0 To 9999. %



MAT 7831 (n, n') p 78-Pt-192  
 Cross Section -100.0 To 40.60 %



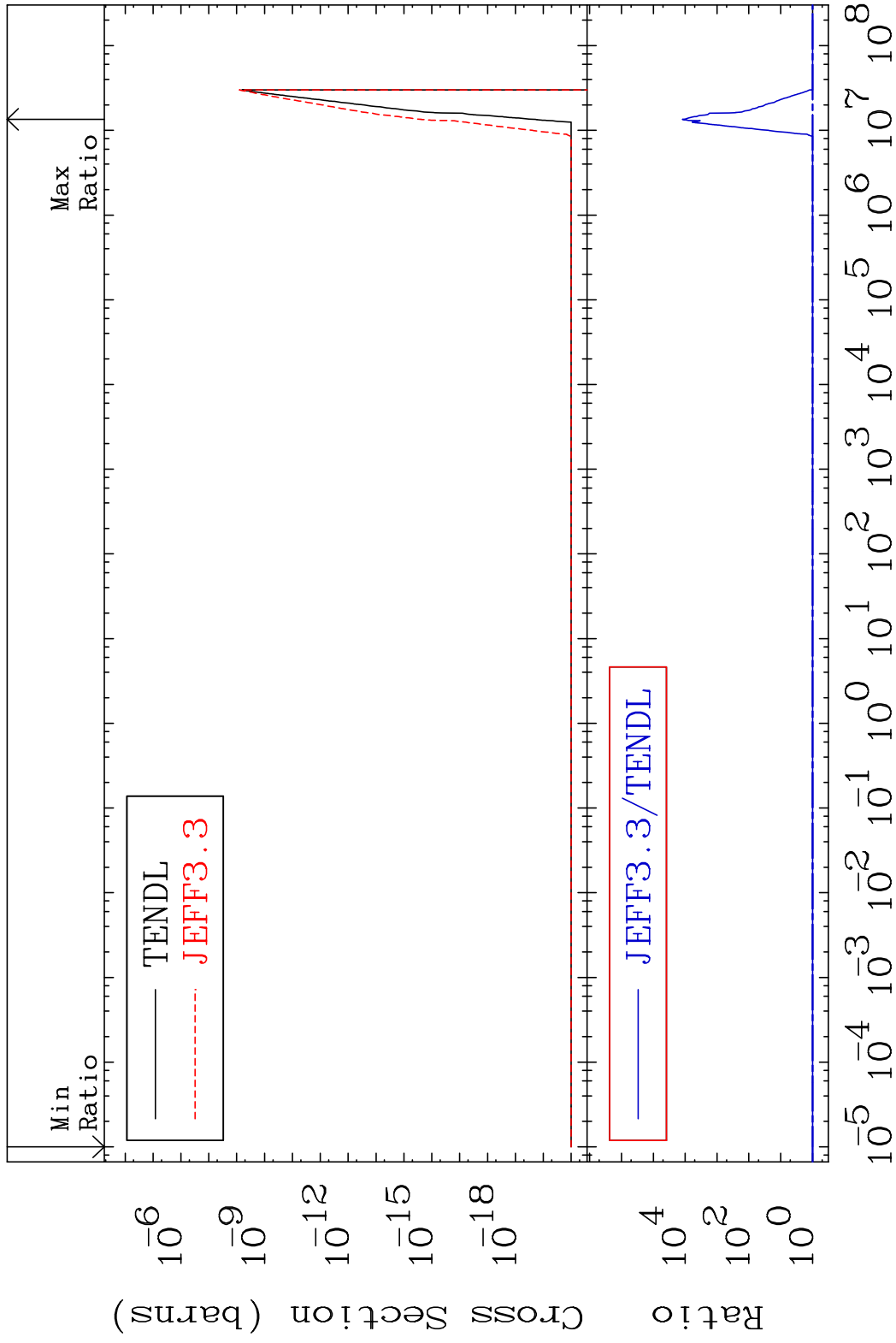
10 10 7 8 2 8 10 8 78-Pt-192

MAT 7831

(n, n') 2α

78-Pt-192

Cross Section 0.000 To 9999. %

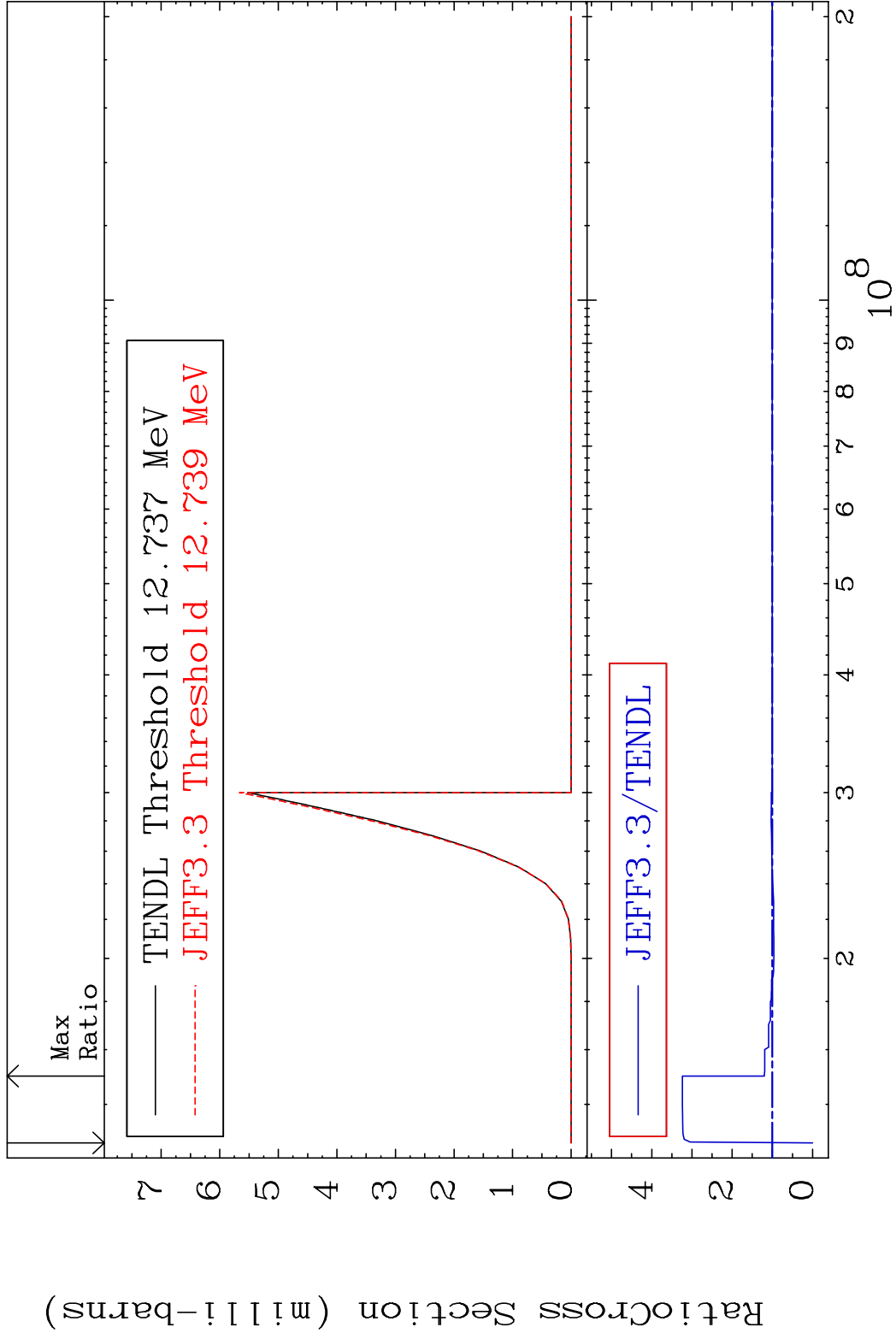


MAT 7831

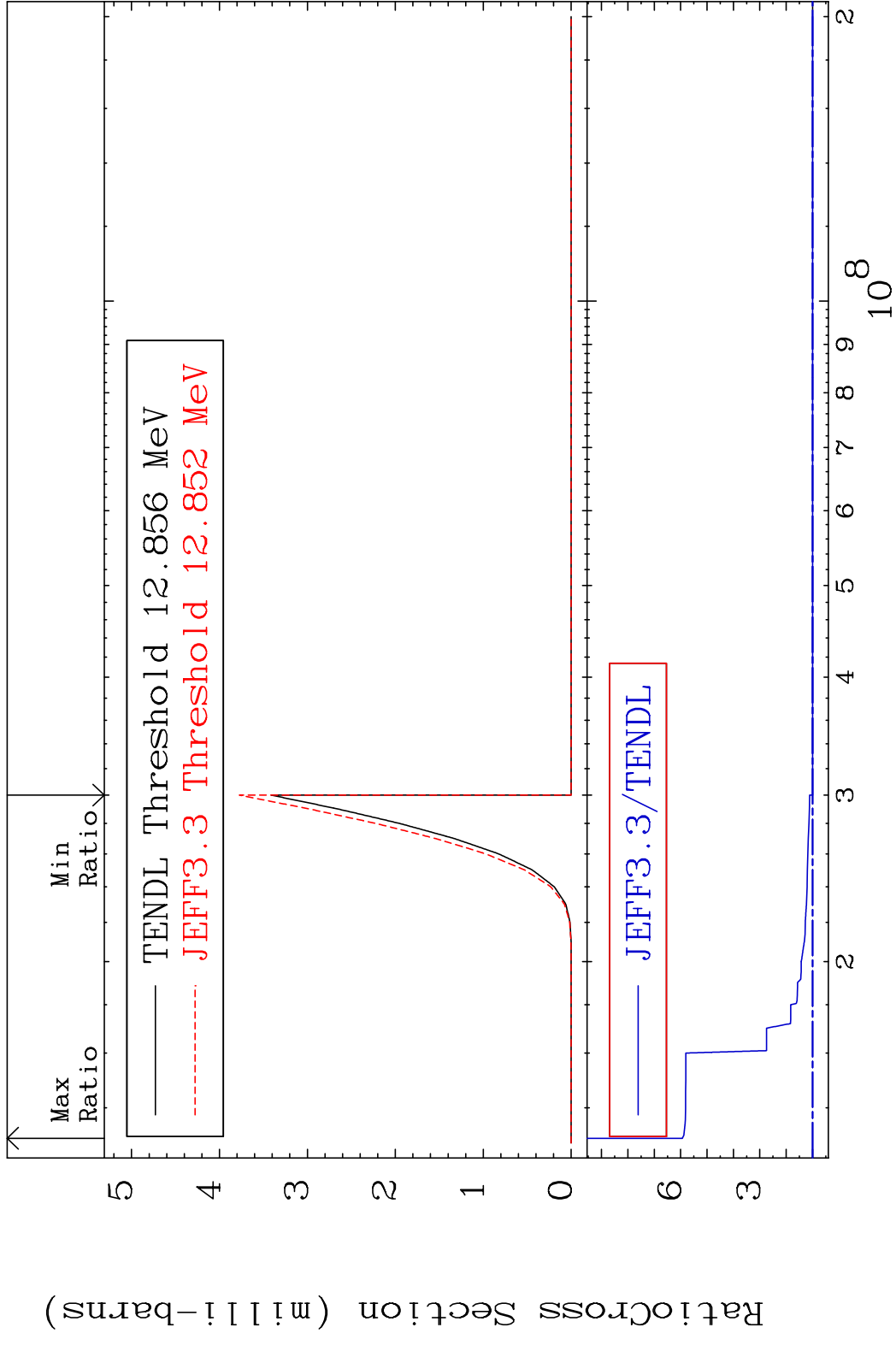
(n, n') d

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 %

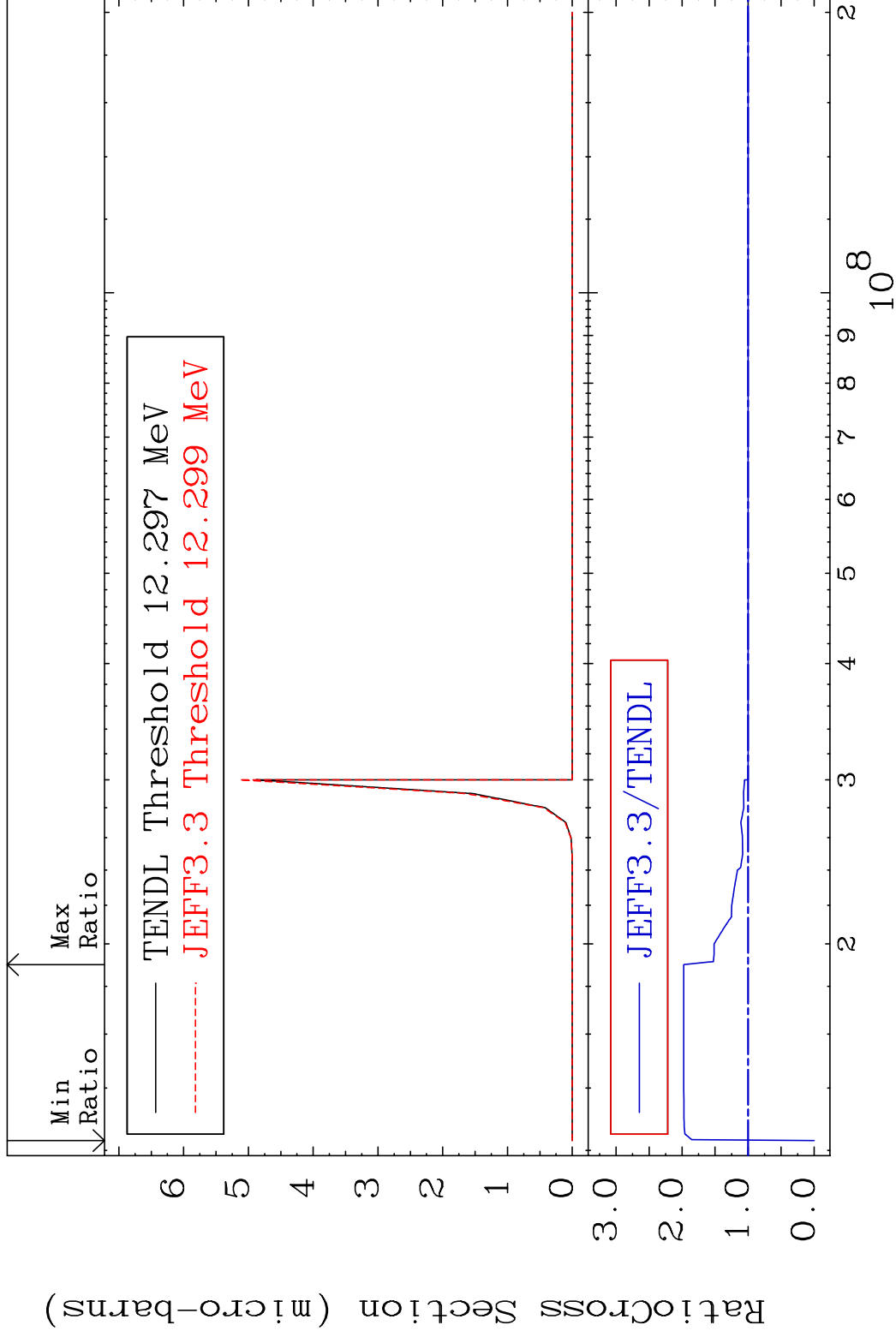


MAT 7831

(n,n') He-3

78-Pt-192

Cross Section -100.0 To 97.63 %

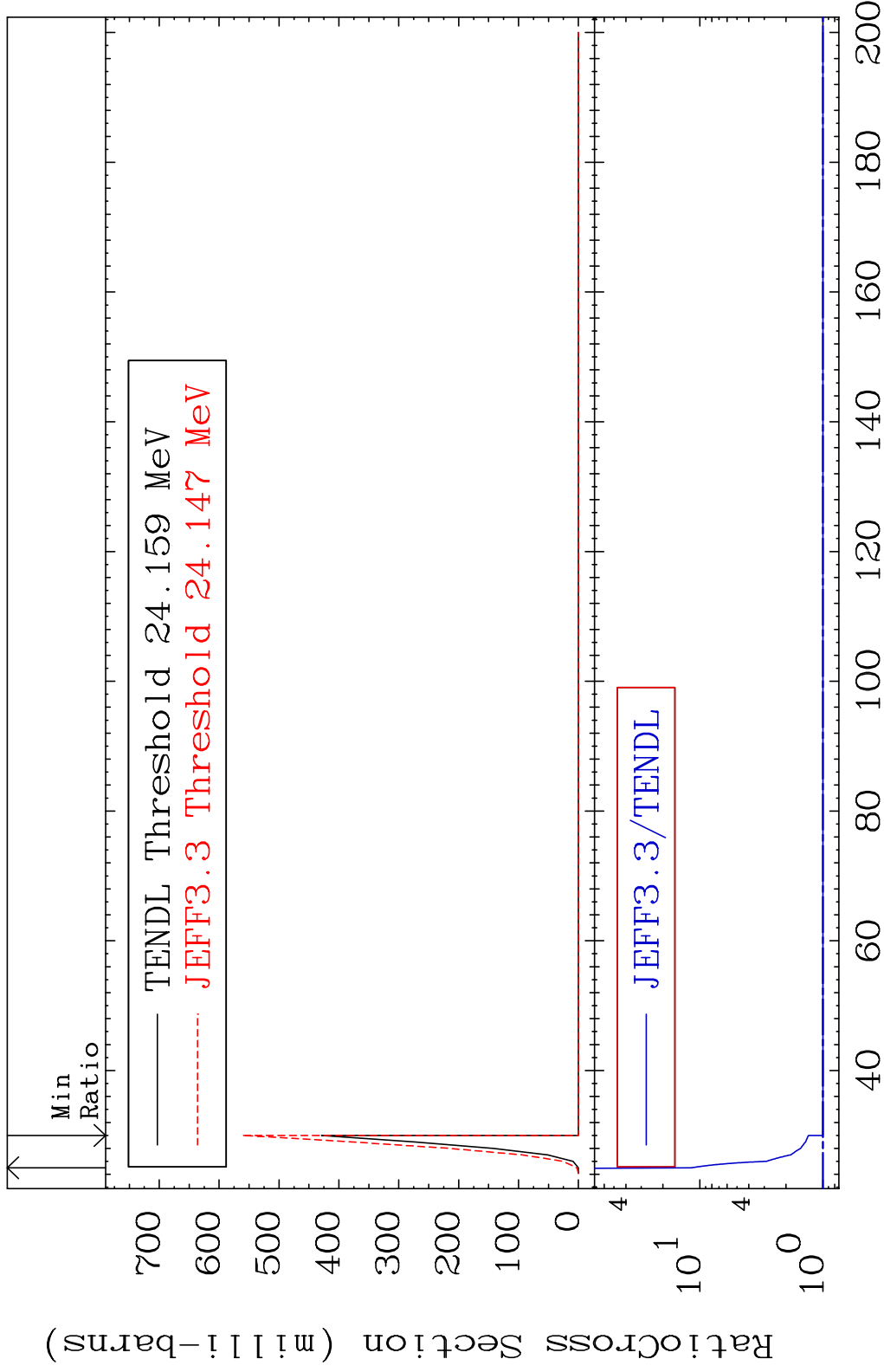


MAT 7831

(n,4n)

78-Pt-192

Cross Section 0.000 To 1081. %



15

Incident Energy (MeV)

78-Pt-192

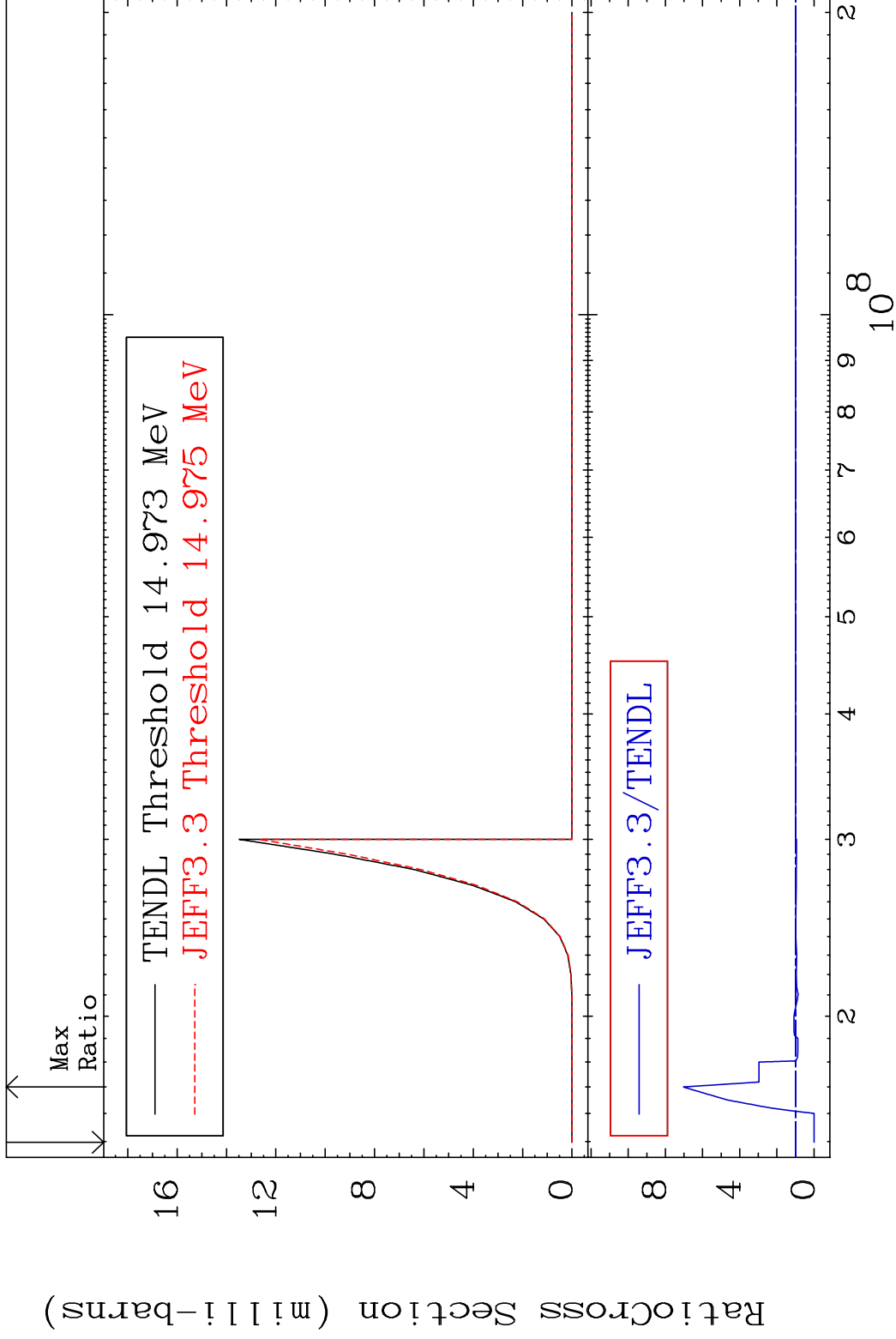


MAT 7831

(n,2n) p

78-Pt-192

Cross Section -100.0 To 602.9 %



16

Incident Energy (eV)

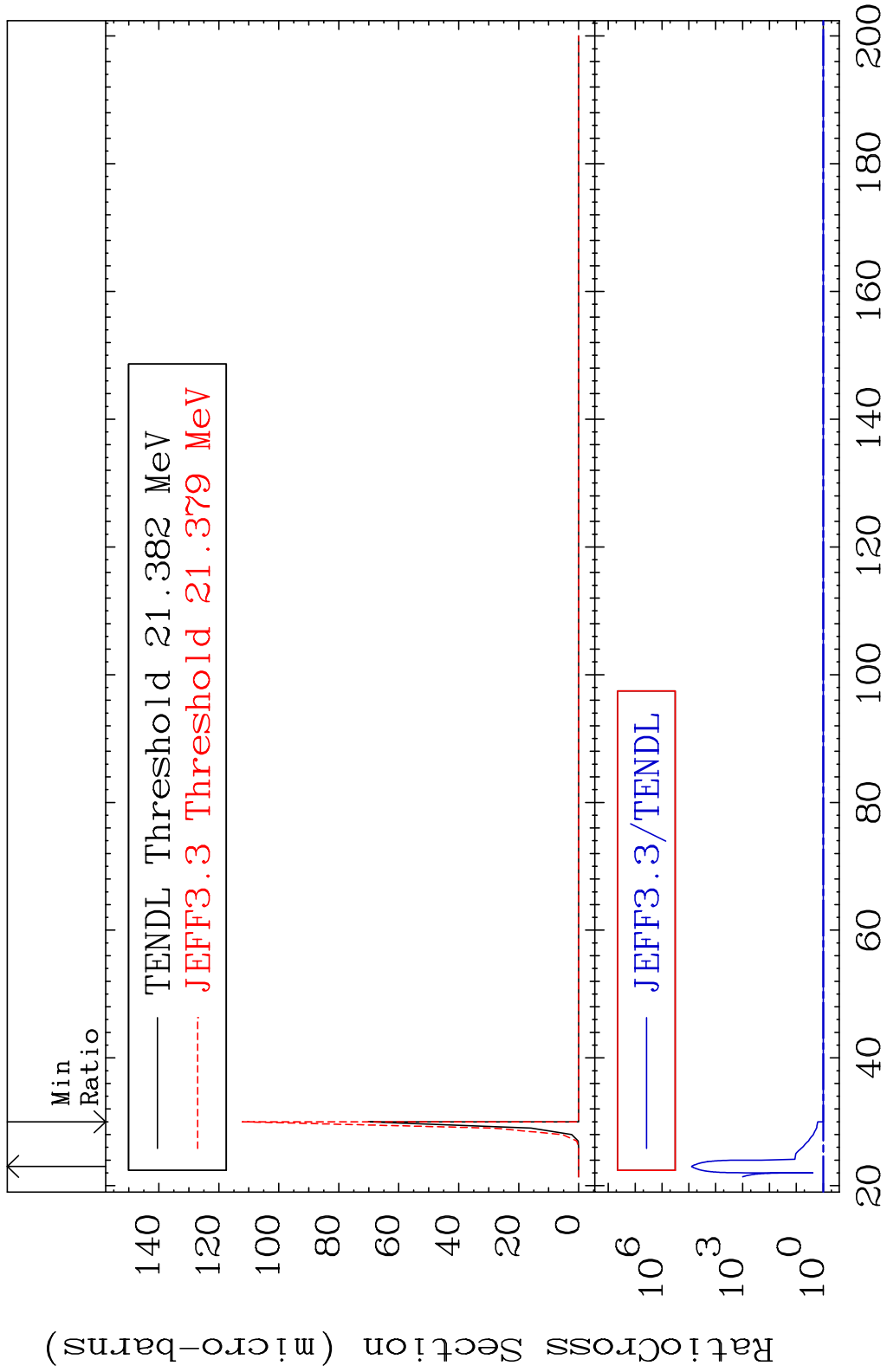
78-Pt-192

MAT 7831

(n,3n) p

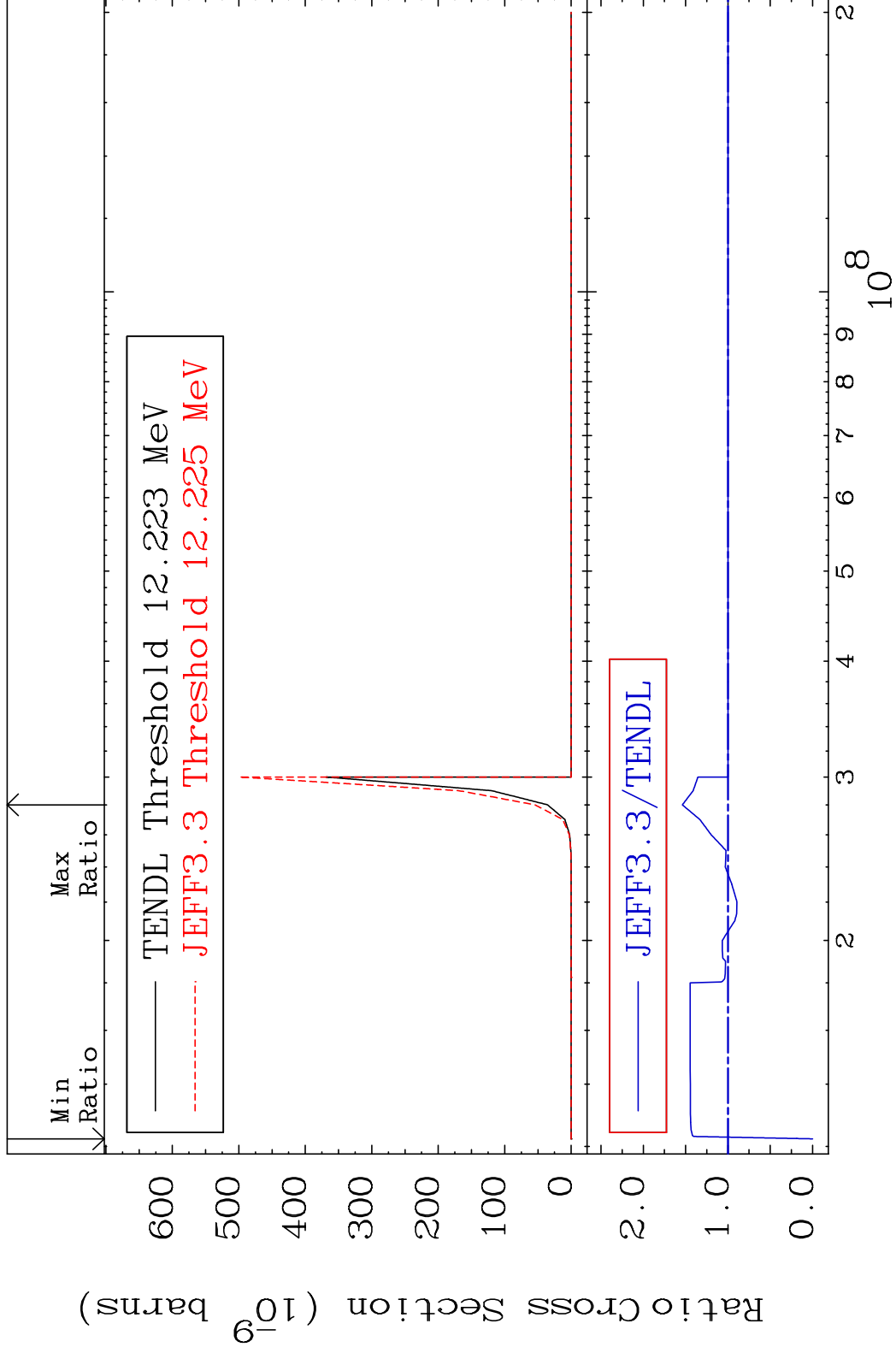
78-Pt-192

Cross Section 0.000 To 9999. %



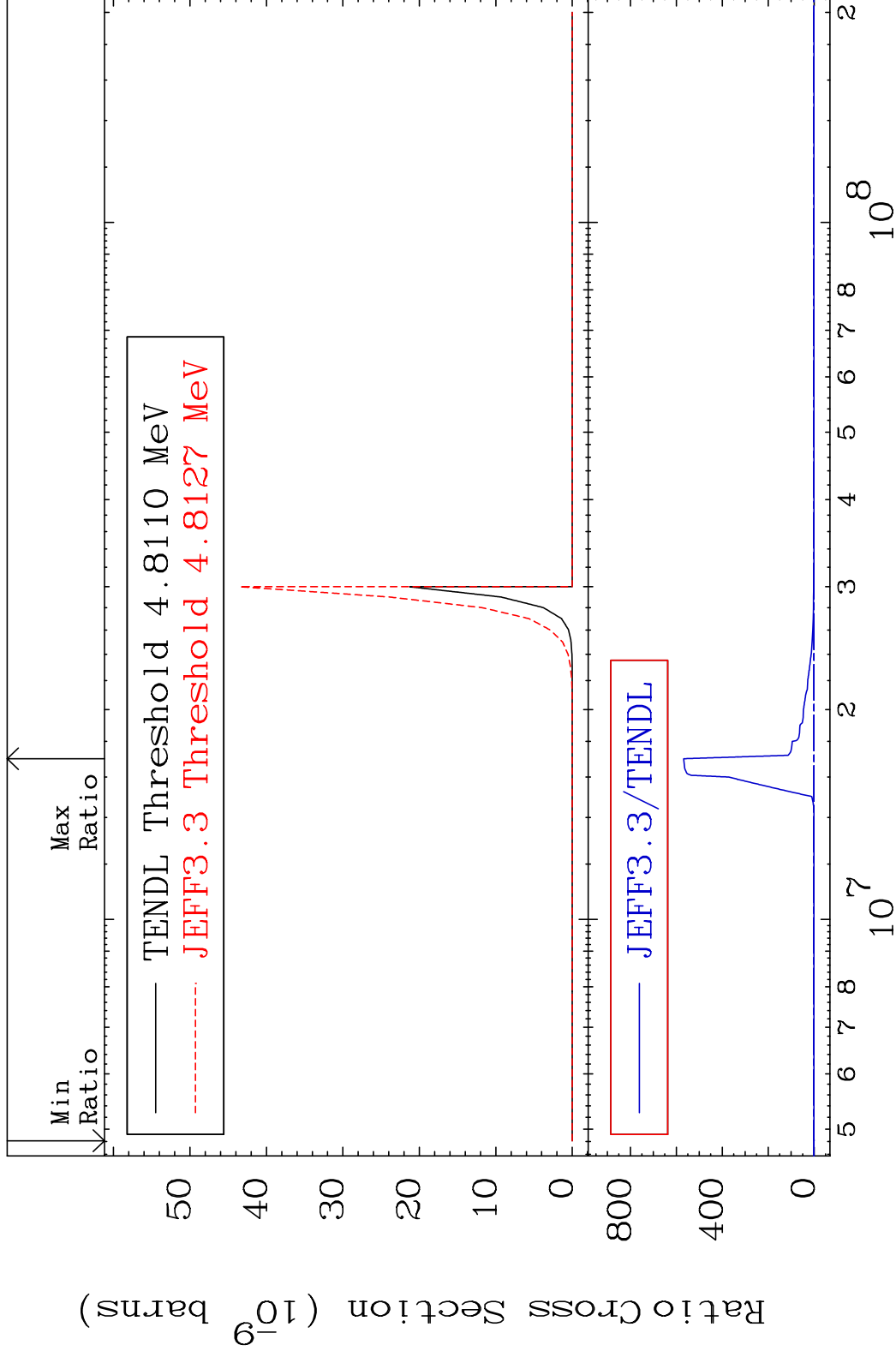
MAT 7831

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

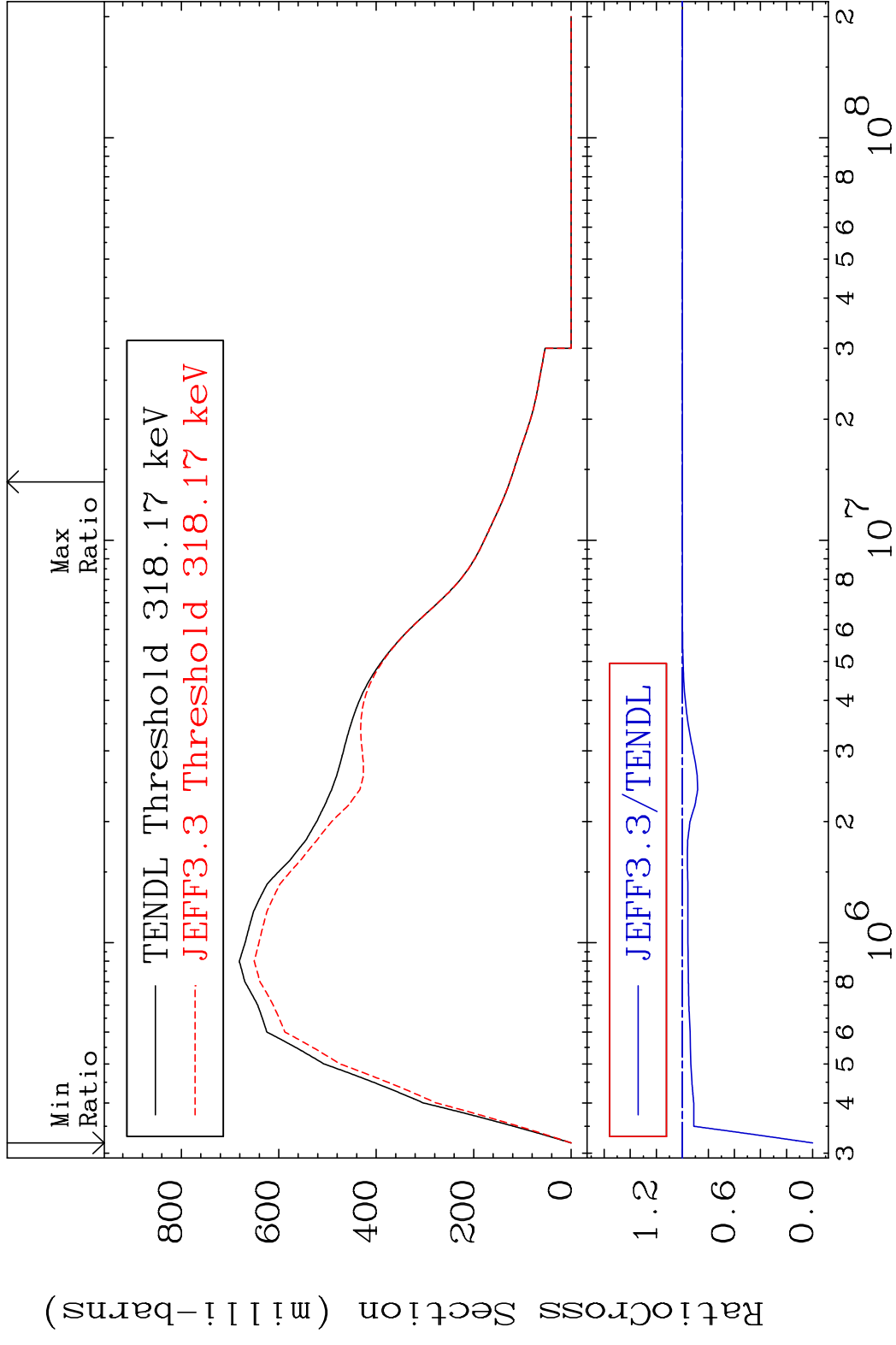


MAT 7831

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

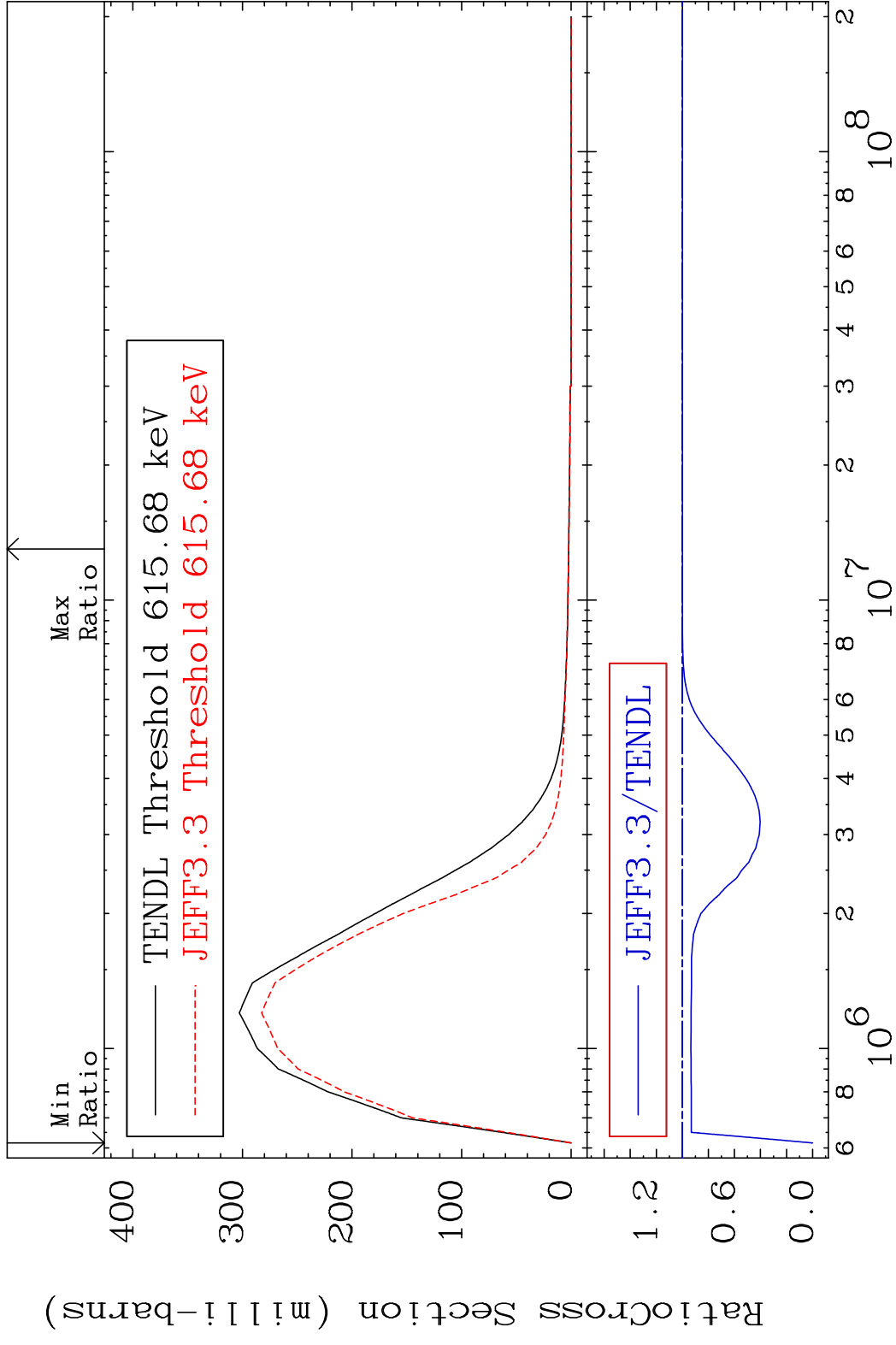


MAT 7831 MT= 51 (n, n') Level 78-Pt-192  
 Cross Section -100.0 To 0.000 %

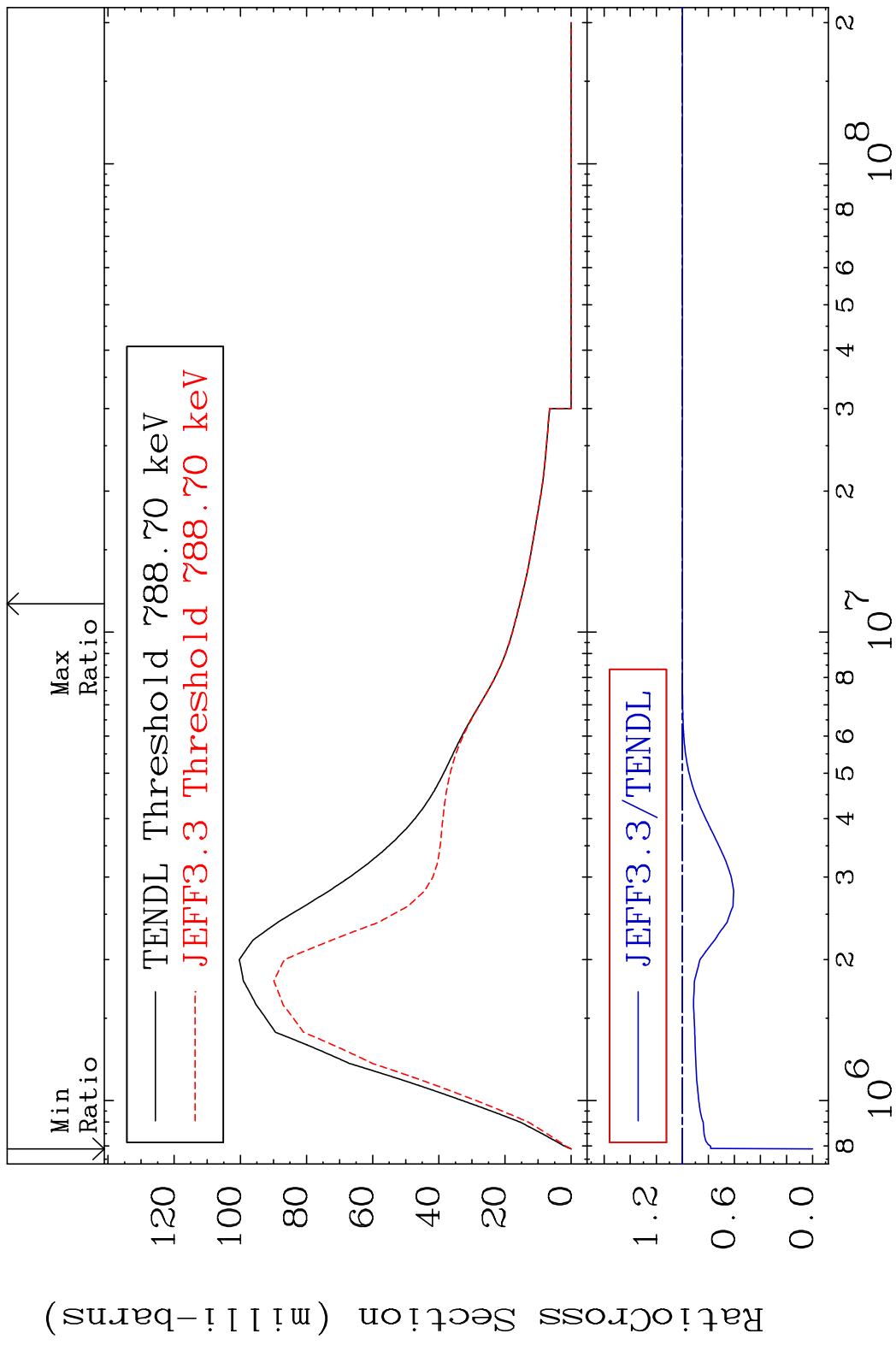


20 Incident Energy (eV) 78-Pt-192

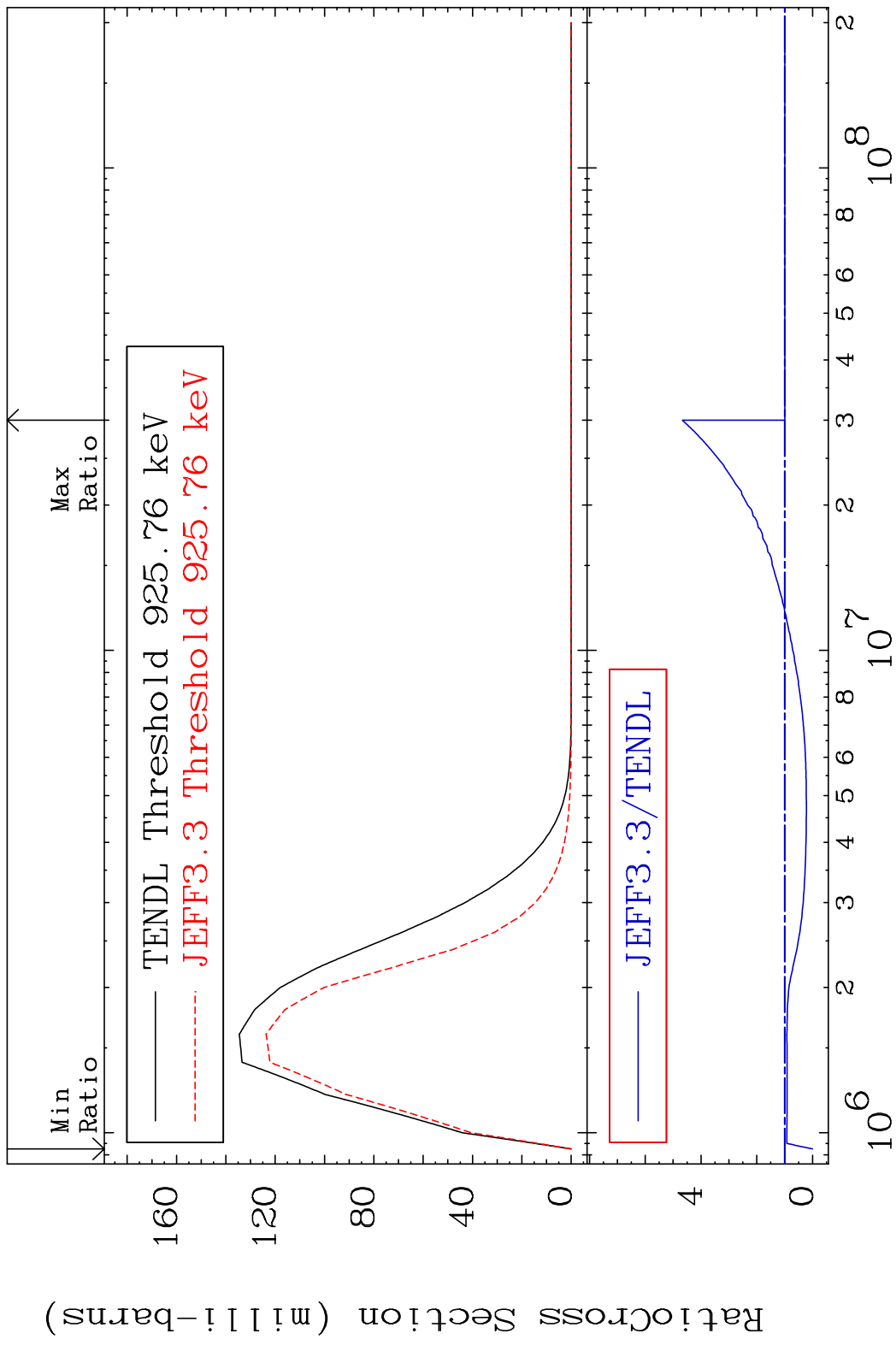
MAT 7831 MT= 52 (n, n') Level 78-Pt-192  
 Cross Section -100.0 To 0.000 %



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



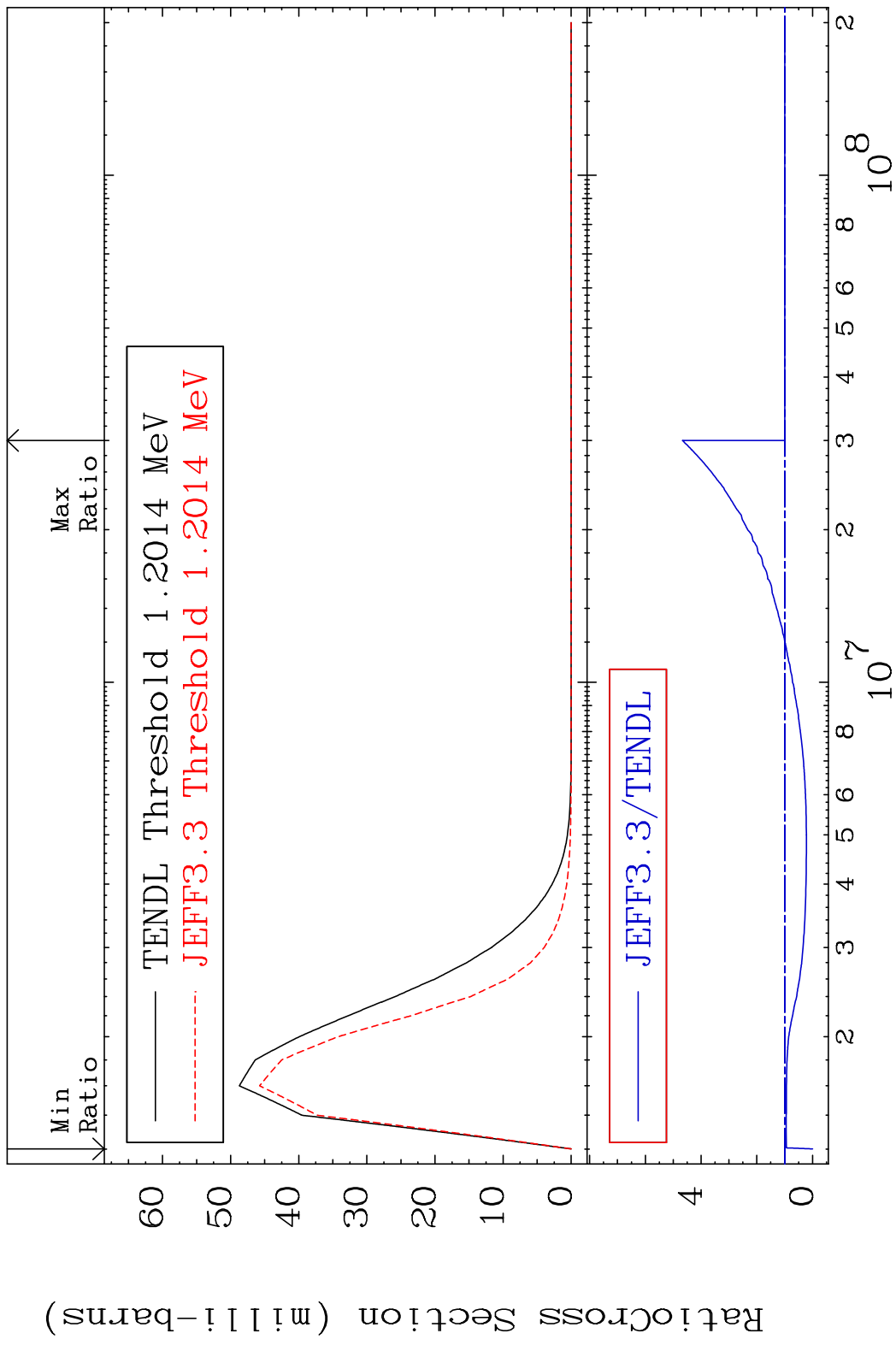
MAT 7831 MT= 54 (n, n') Level 78-Pt-192  
 Cross Section -100.0 To 367.0 %



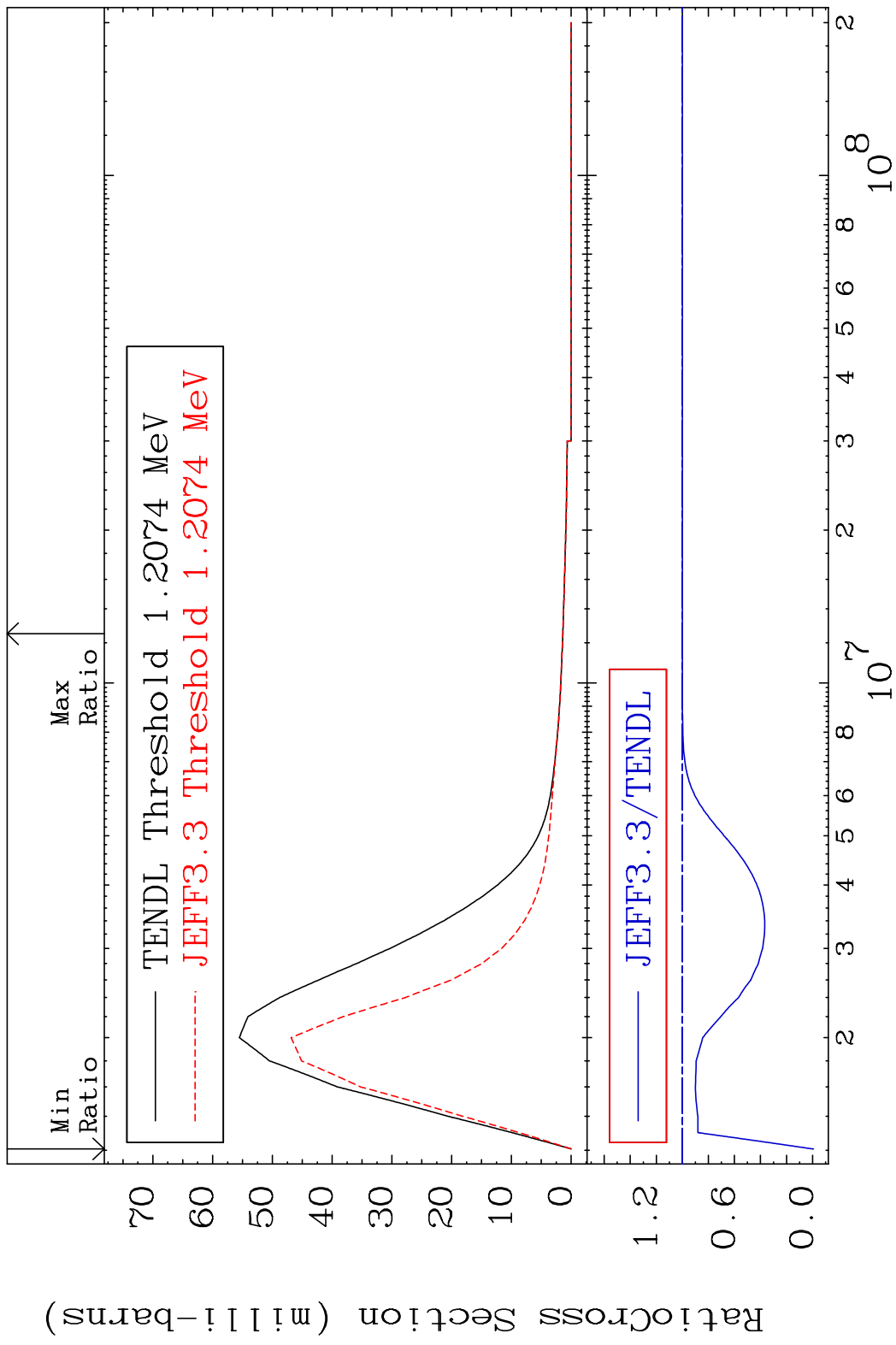
23 Incident Energy (eV) 78-Pt-192



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 %

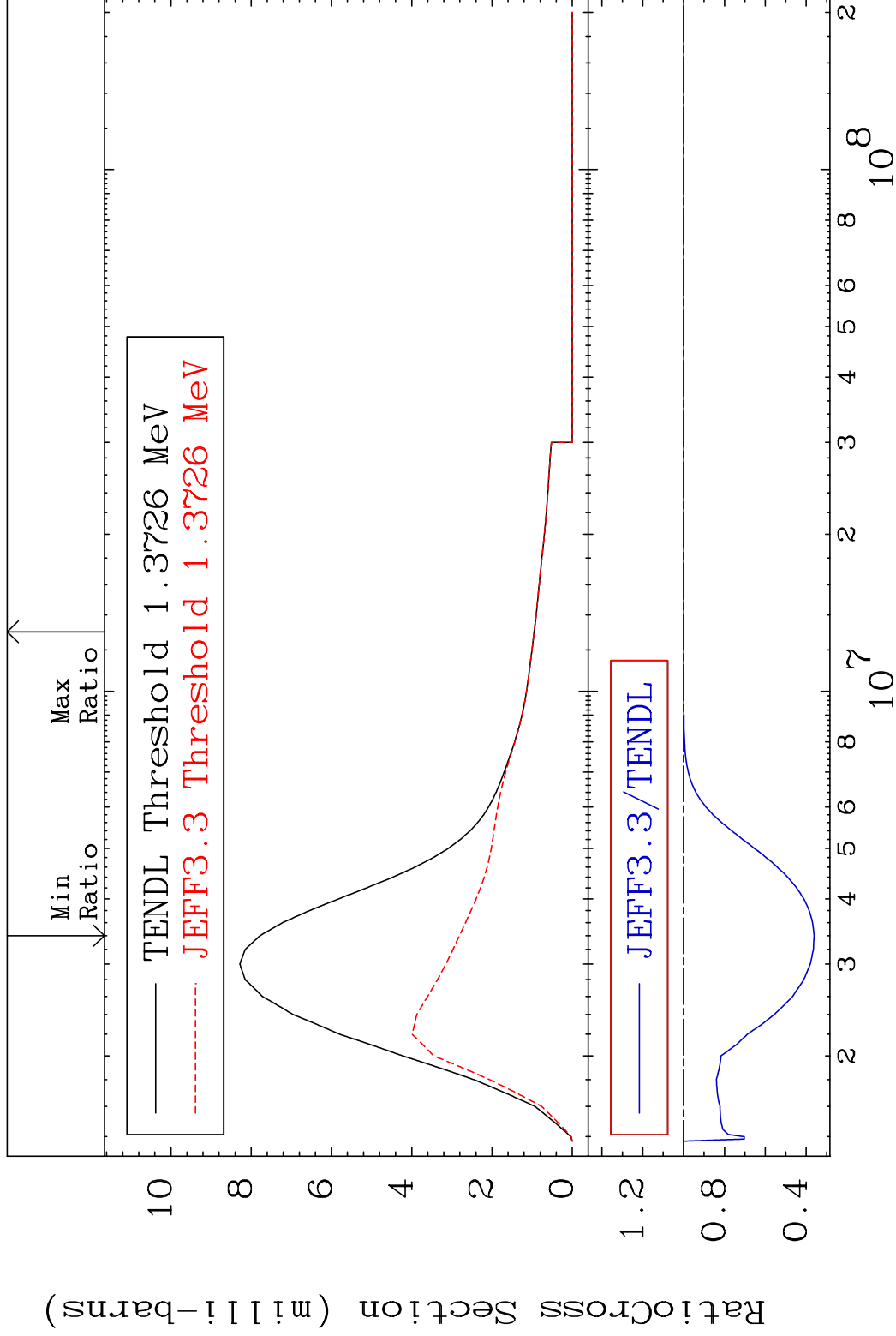


MAT 7831

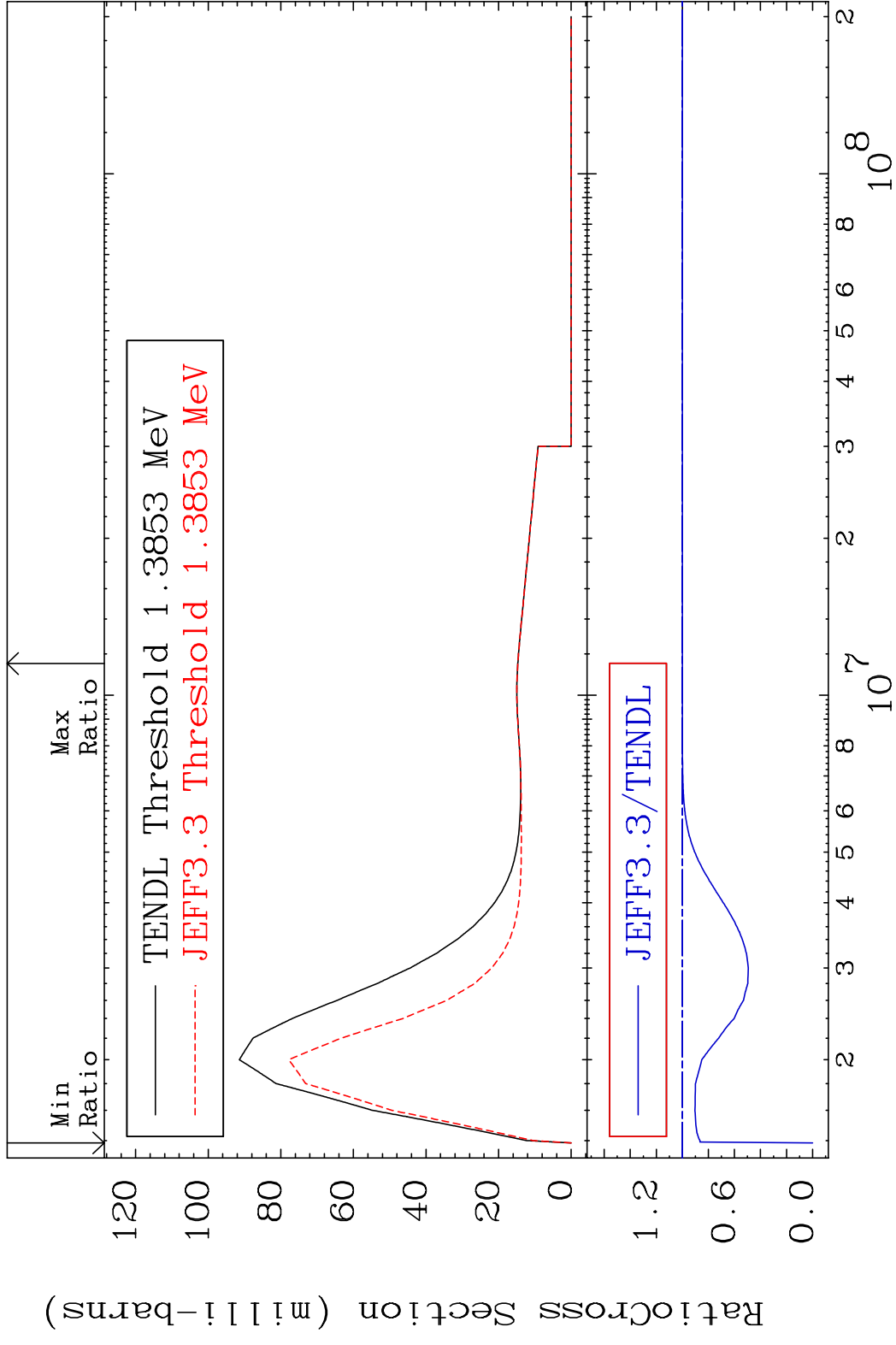
MT= 57 (n,n') Level

78-Pt-192

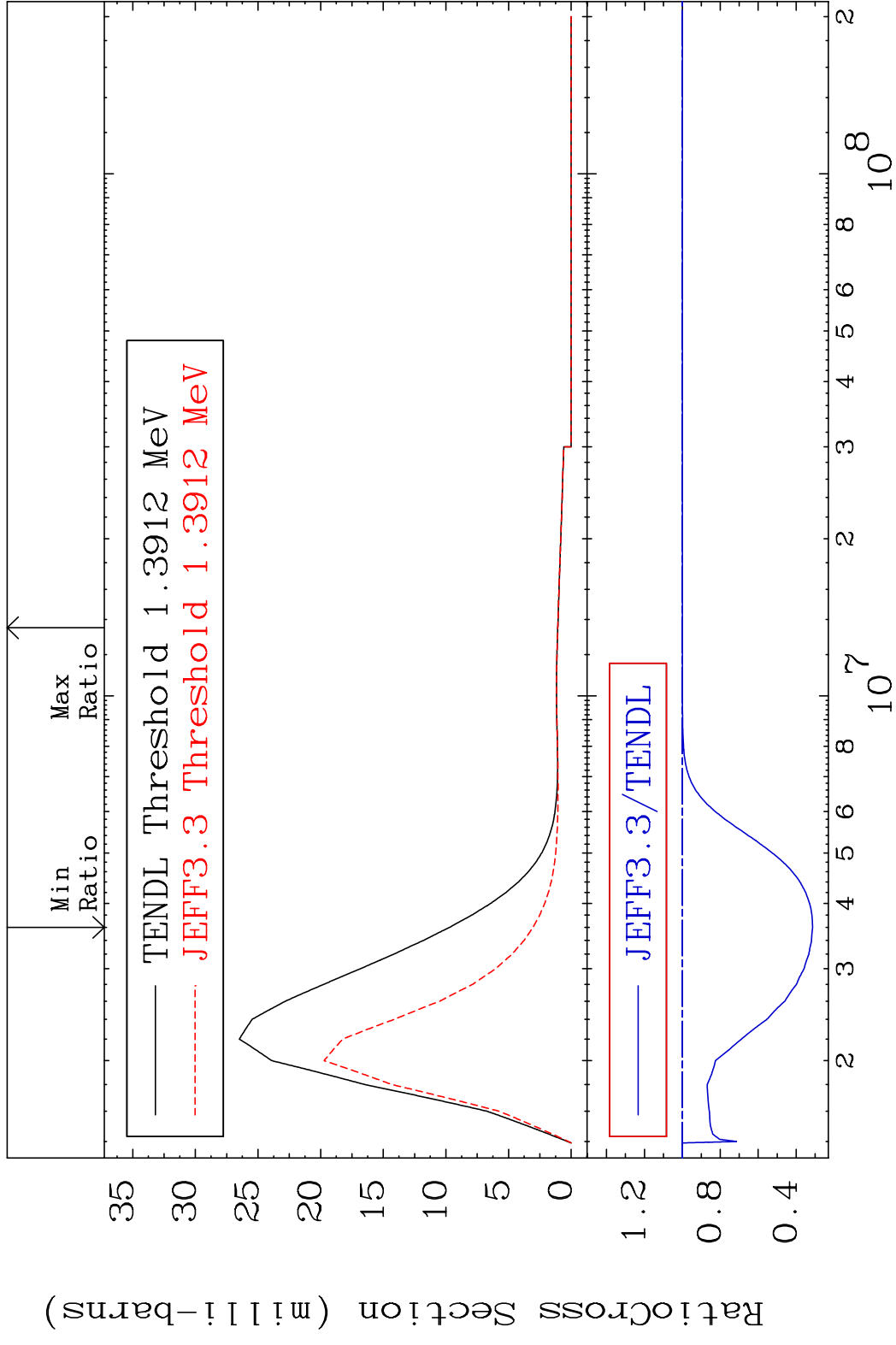
Cross Section -63.87 To 0.000 %



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 %

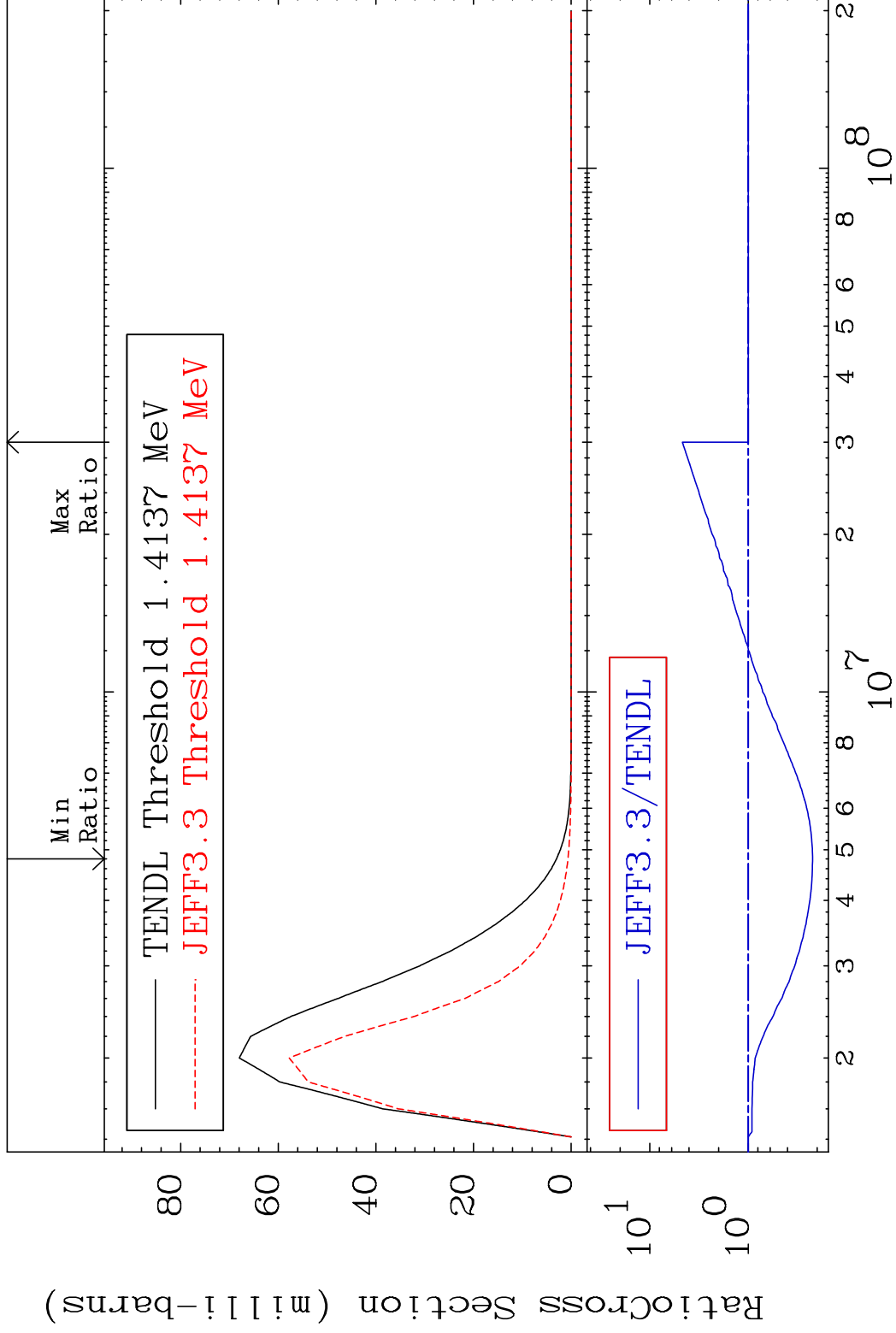


MAT 7831

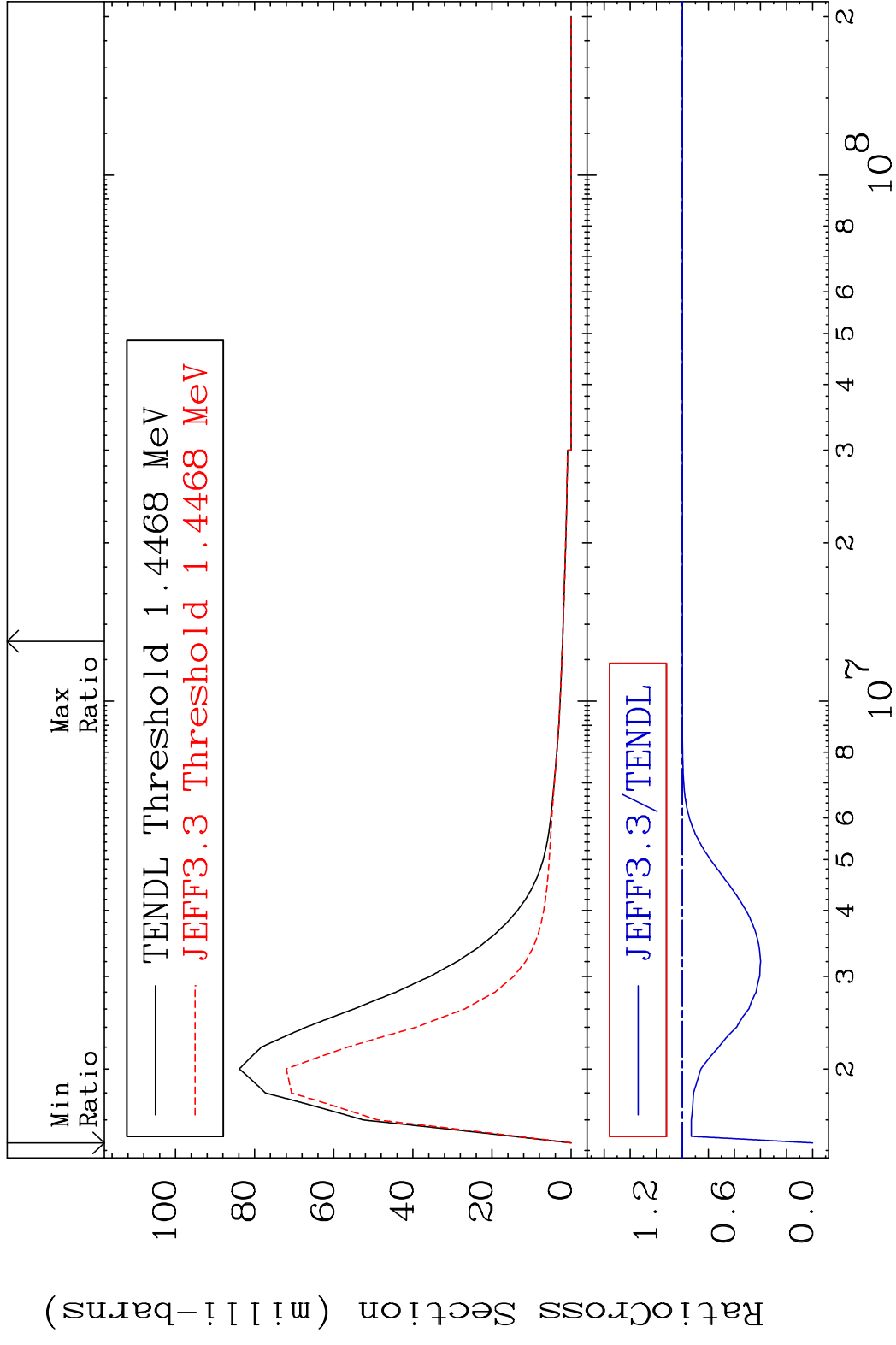
MT= 60 (n,n') Level

78-Pt-192

Cross Section -77.76 To 367.0 %

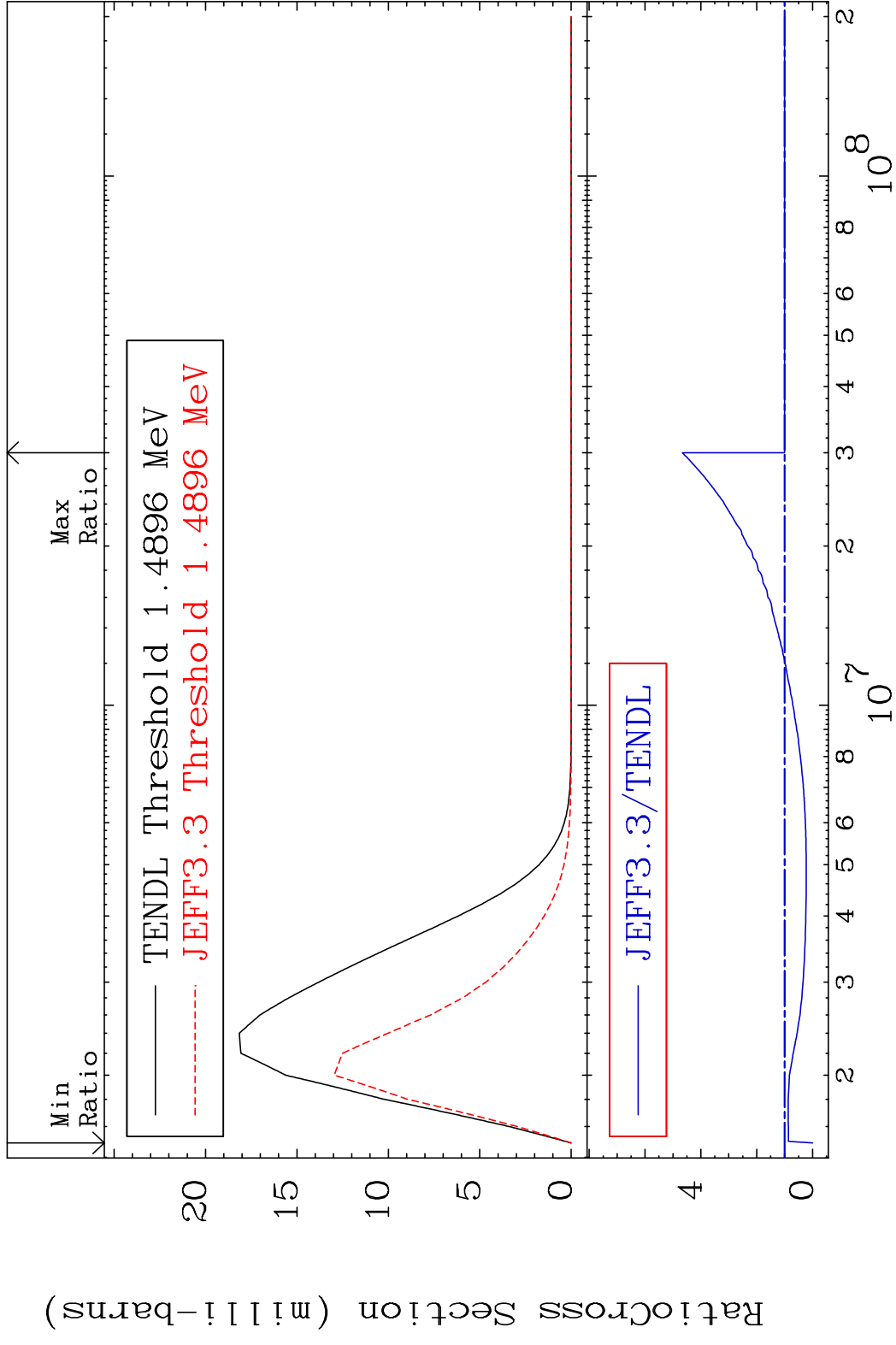


MAT 7831 MT= 61 (n,n') Level 78-Pt-192  
 Cross Section -100.0 To 0.000 %



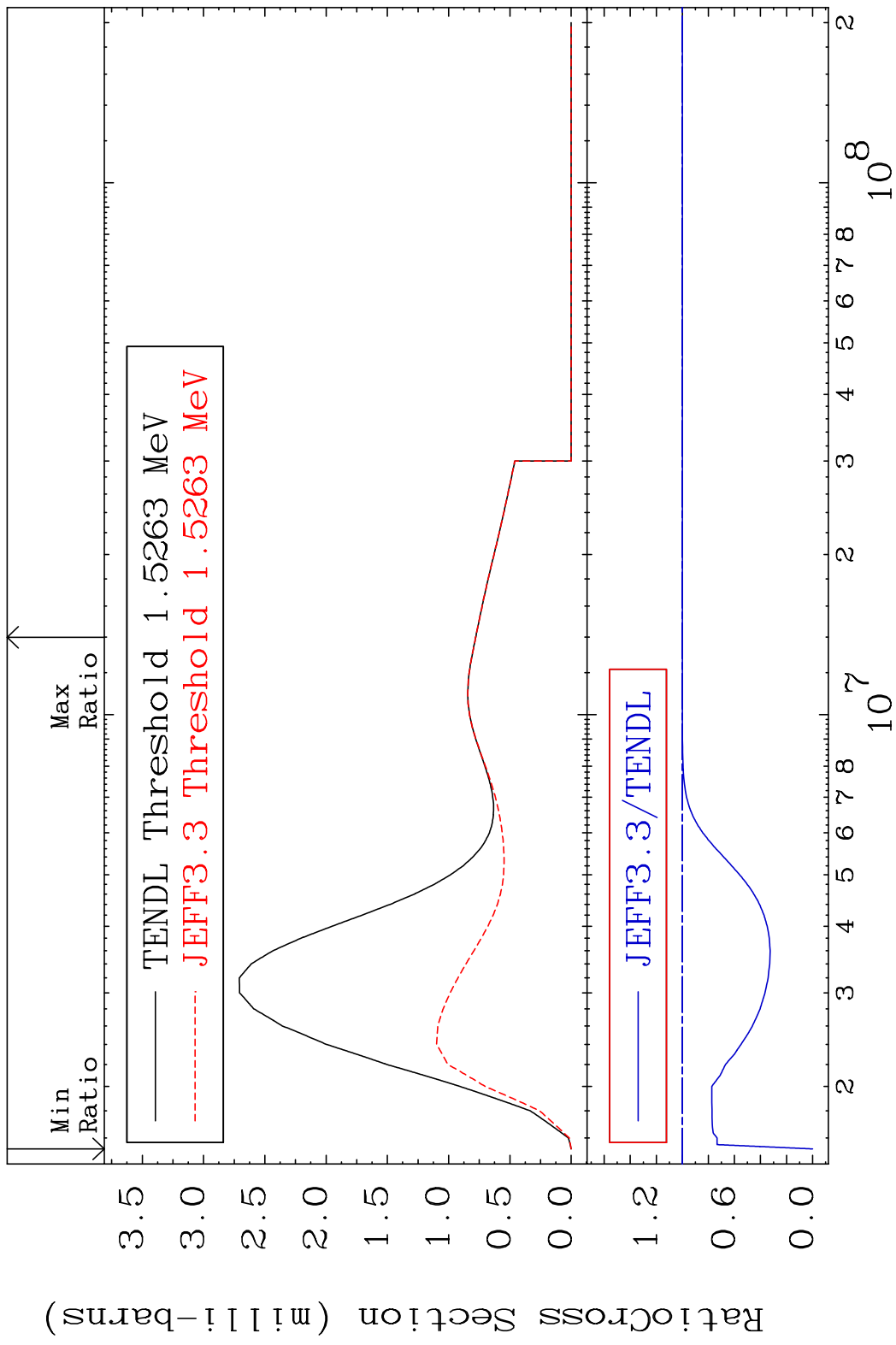
30 Incident Energy (eV) 78-Pt-192

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

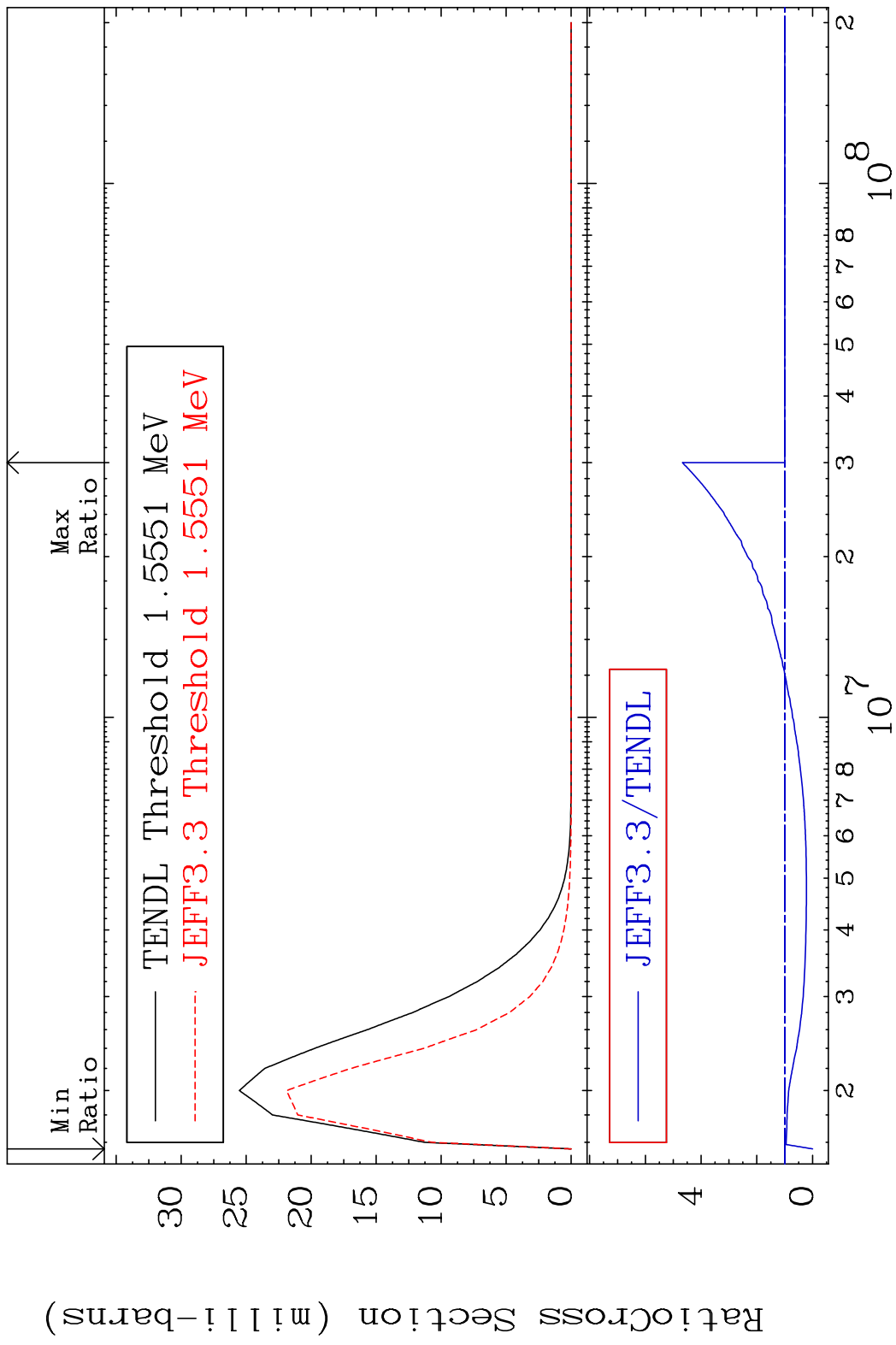




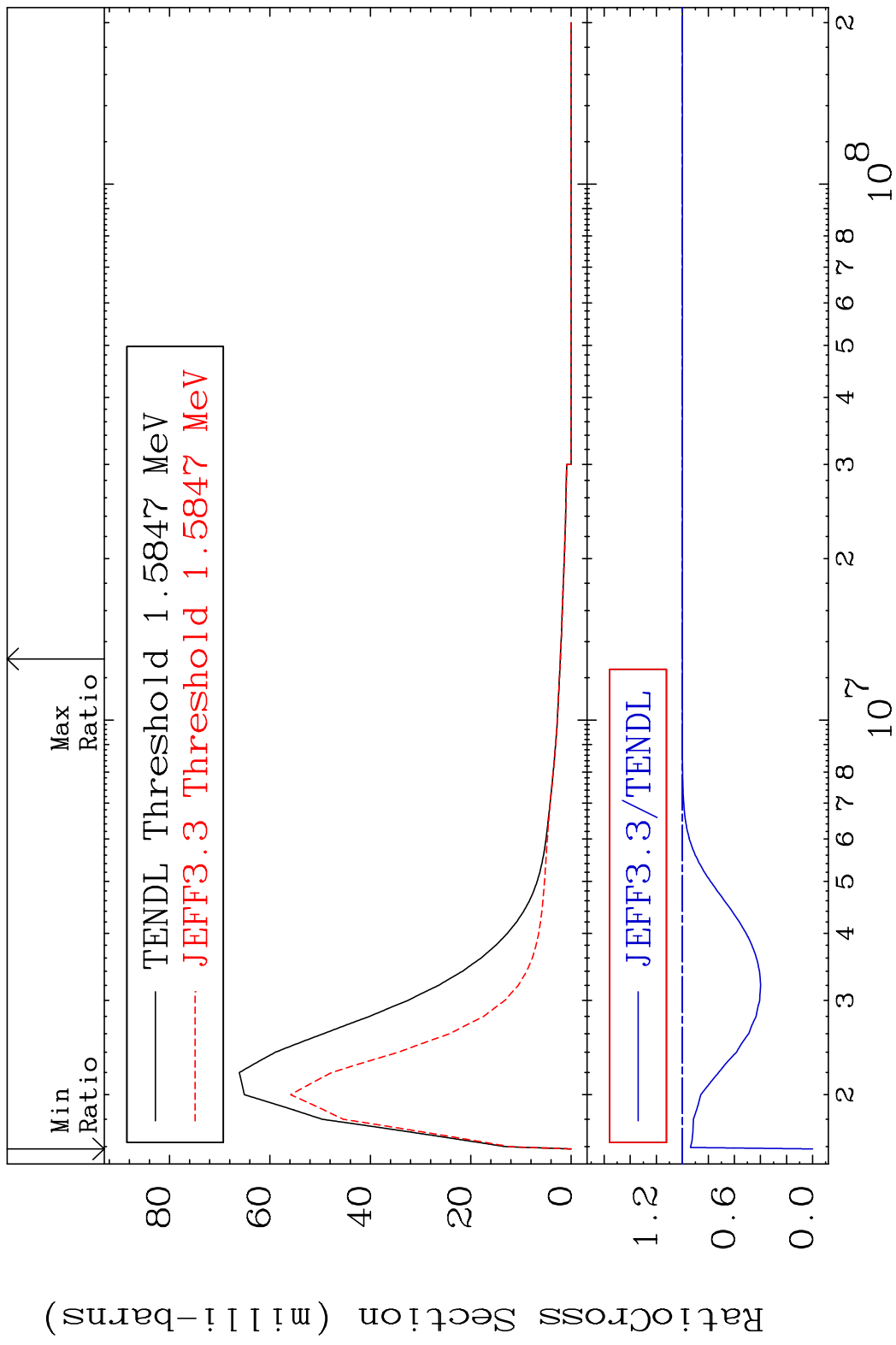
MAT 7831 MT= 63 (n,n') Level 78-Pt-192  
 Cross Section -100.0 To 0.000 %



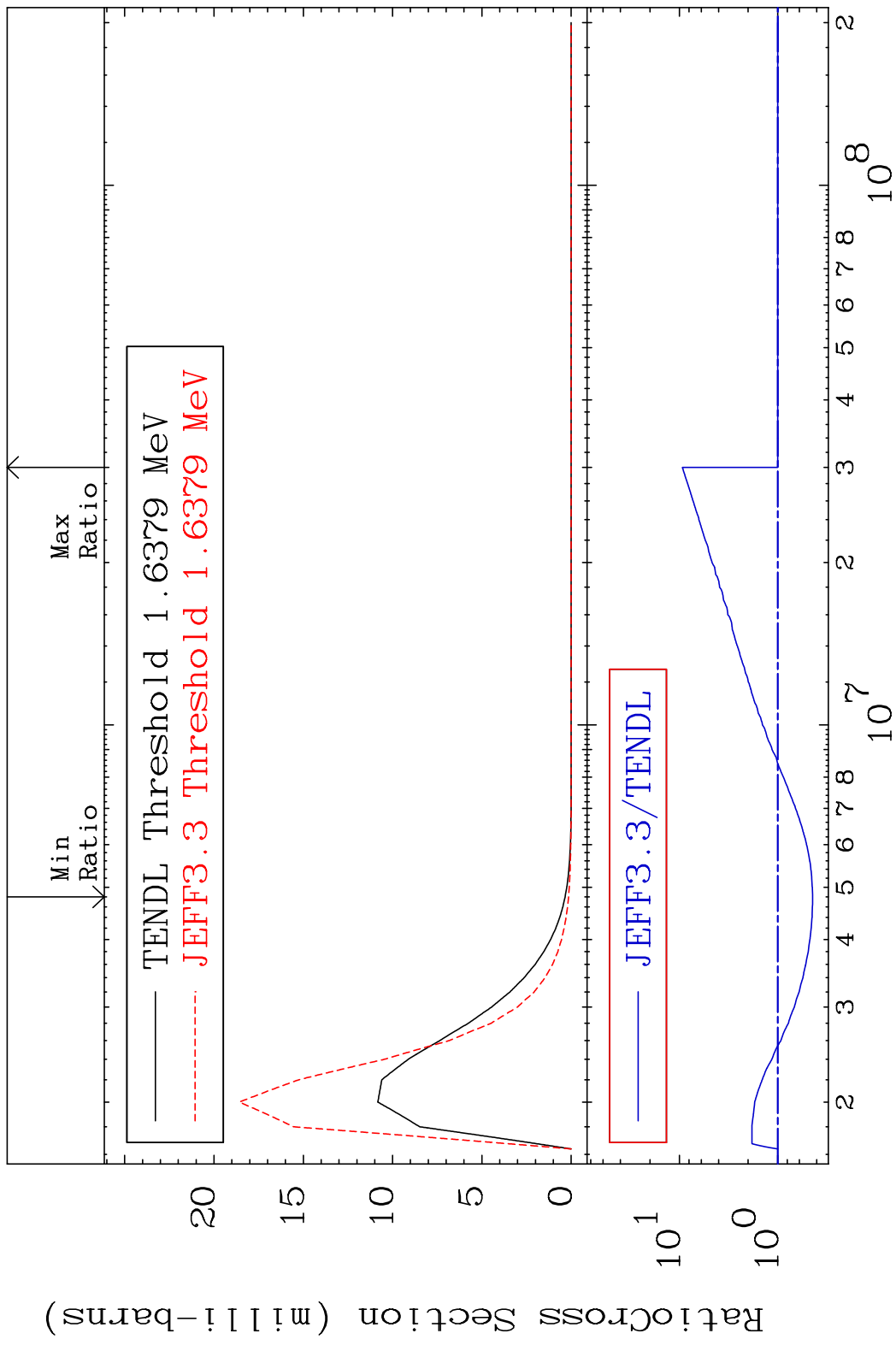
MAT 7831 MT= 64 (n, n') Level 78-Pt-192  
 Cross Section -100.0 To 367.3 %



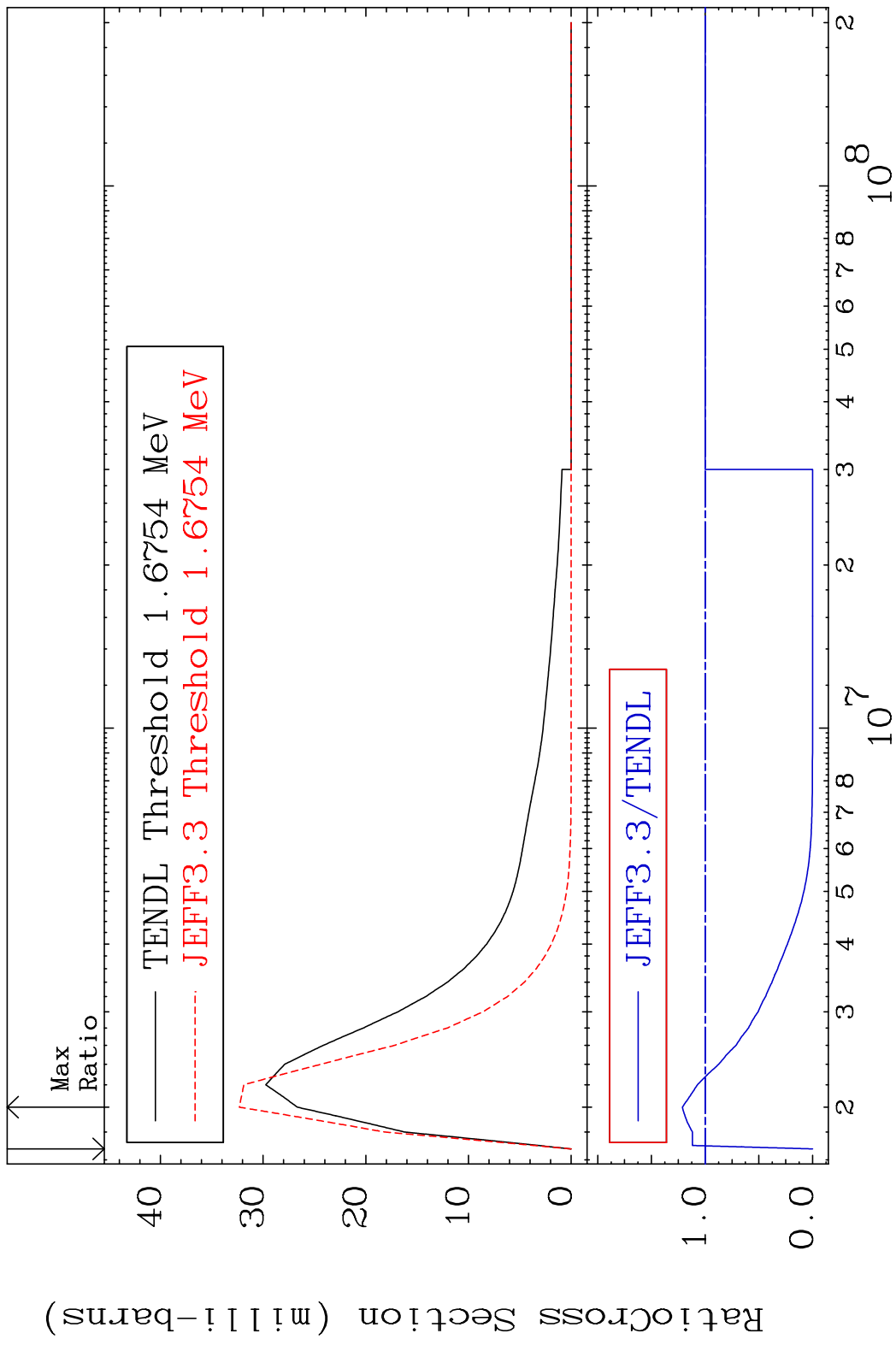
MAT 7831 MT= 65 (n,n') Level 78-Pt-192  
 Cross Section -100.0 To 0.000 %



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 %

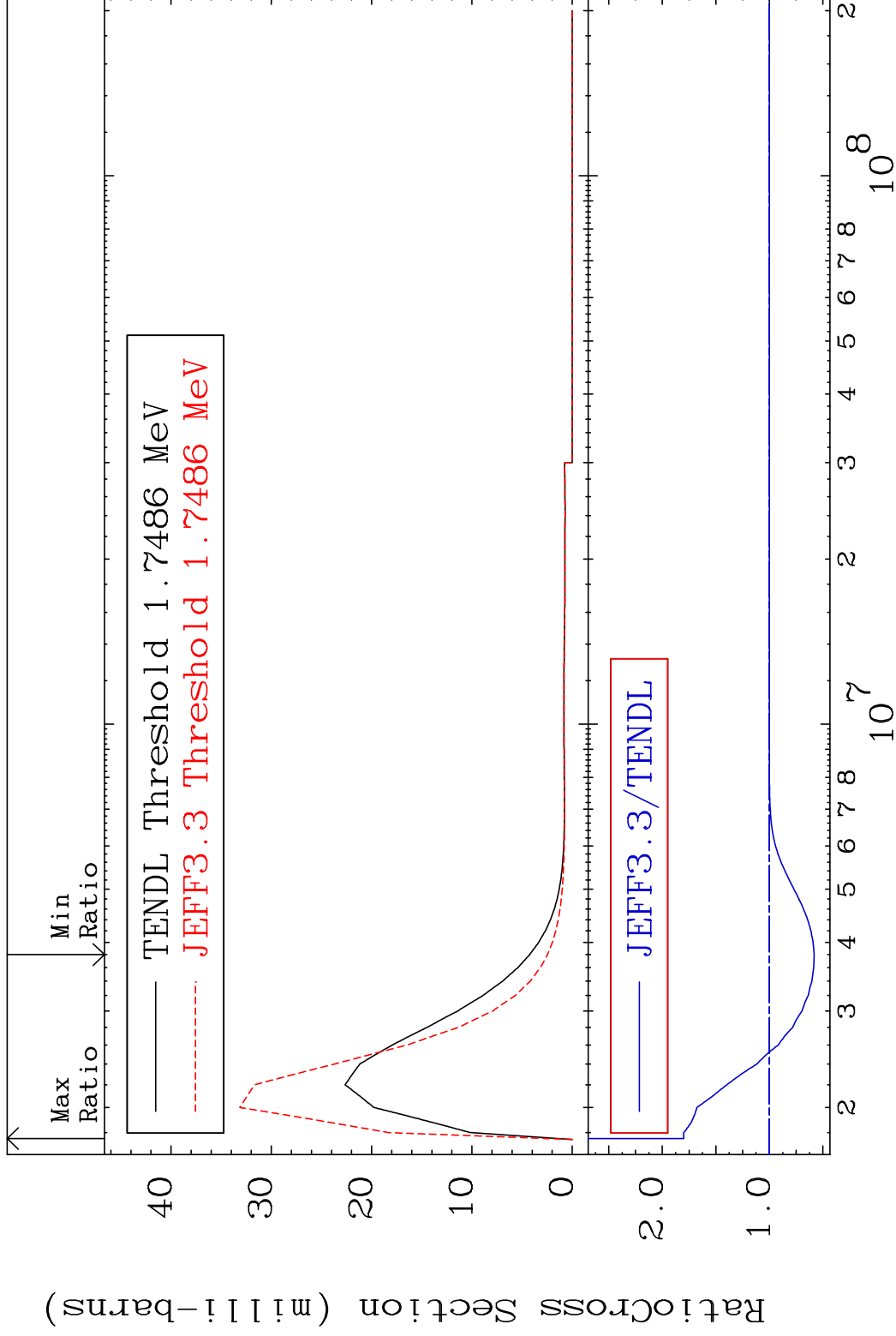


MAT 7831

MT= 68 (n,n') Level

78-Pt-192

Cross Section -41.77 To 80.07 %

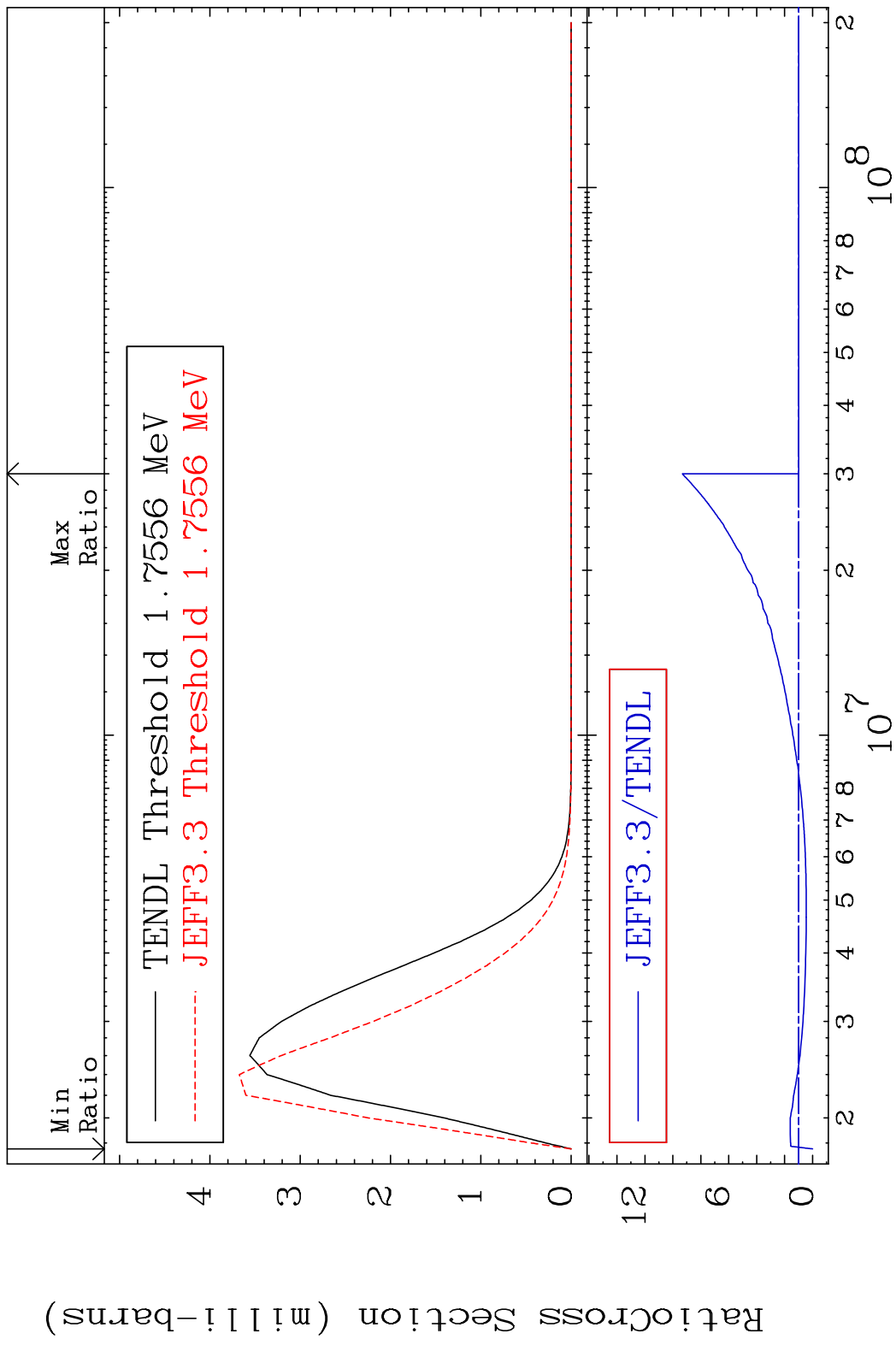


37

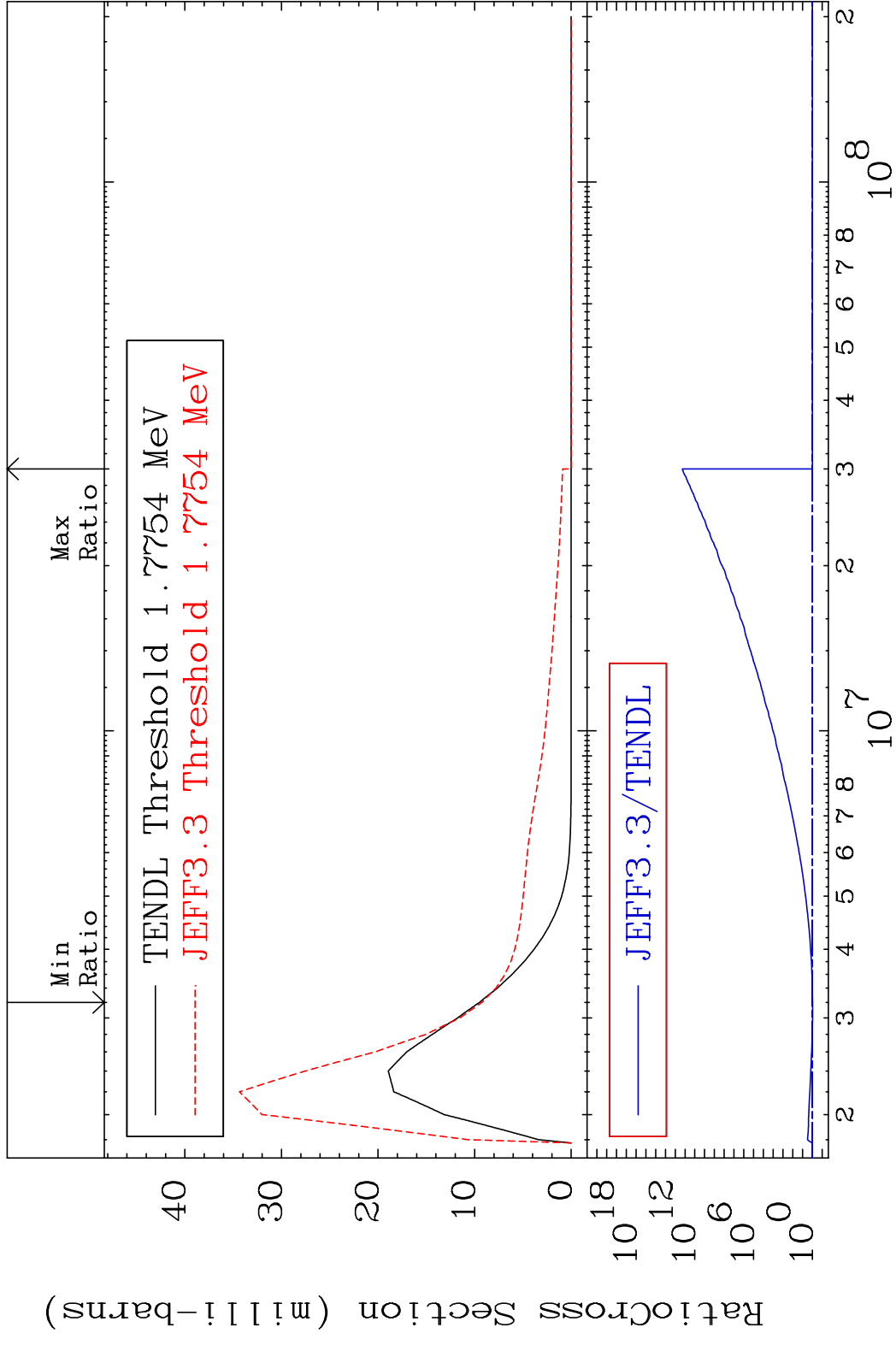
Incident Energy (eV)

78-Pt-192

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

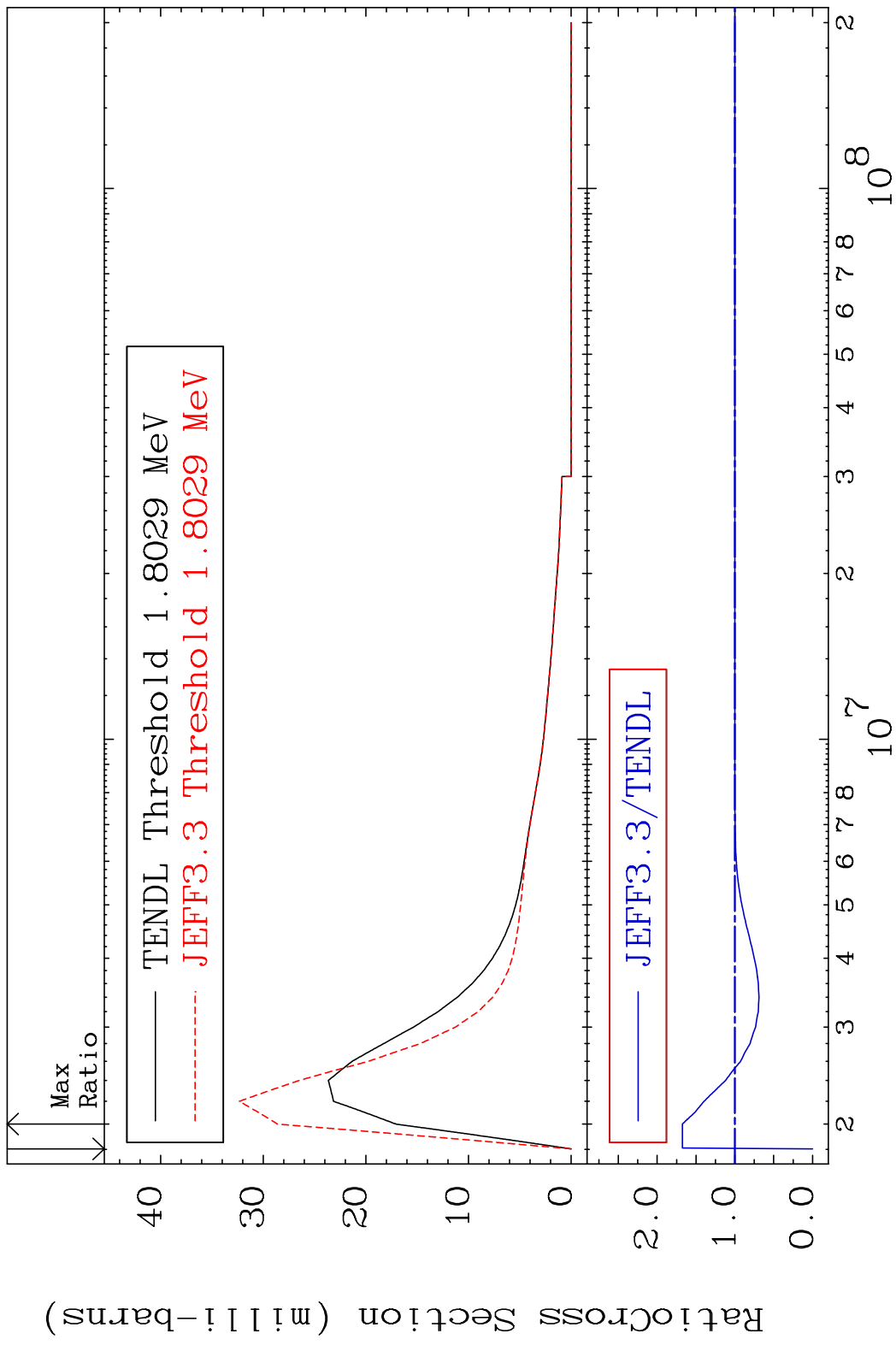


MAT 7831 MT= 70 (n,n') Level 78-Pt-192  
 Cross Section -2.751 To 9999. %



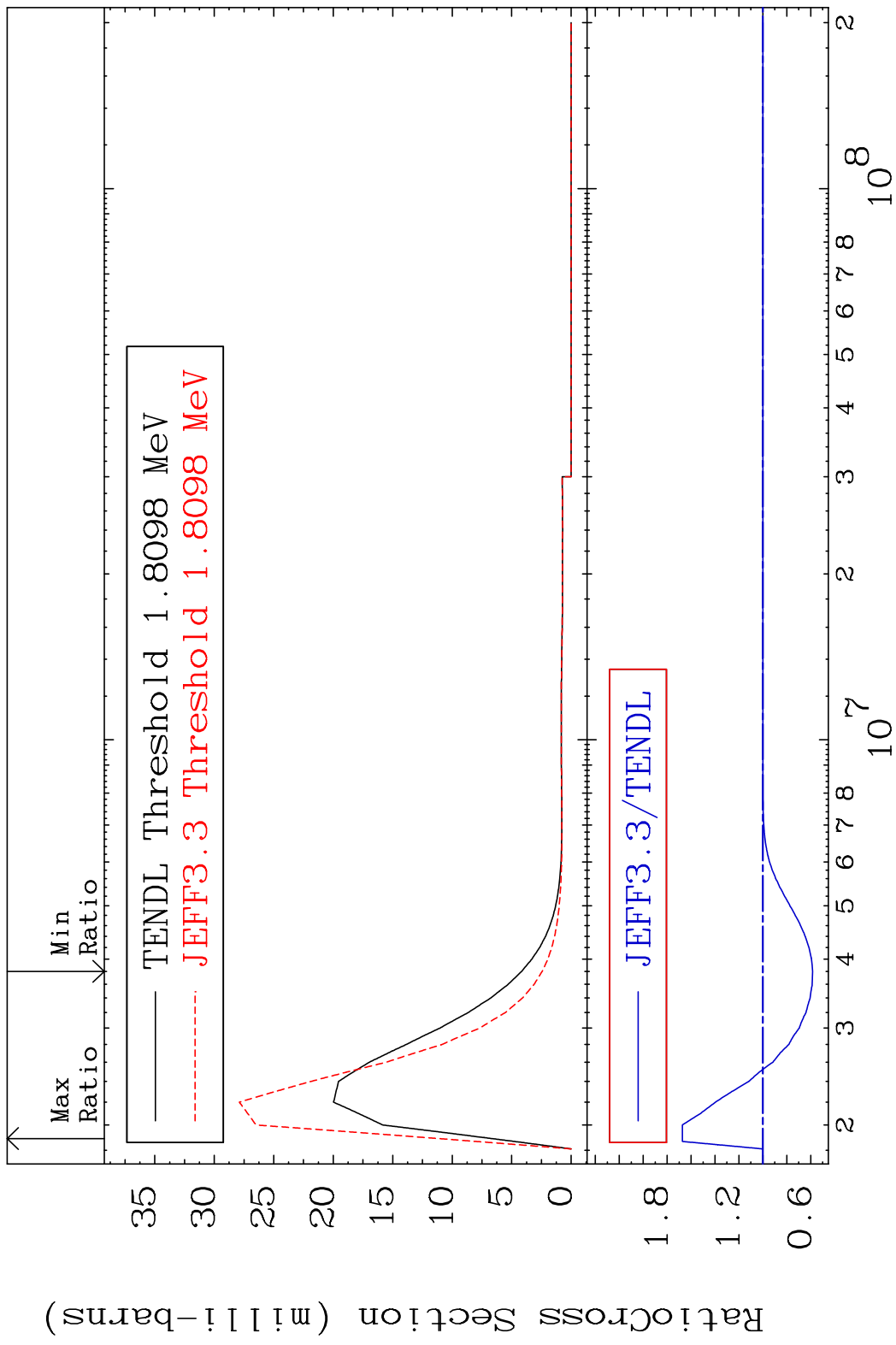


MAT 7831 MT= 71 (n, n') Level 78-Pt-192  
 Cross Section -100.0 To 67.58 %

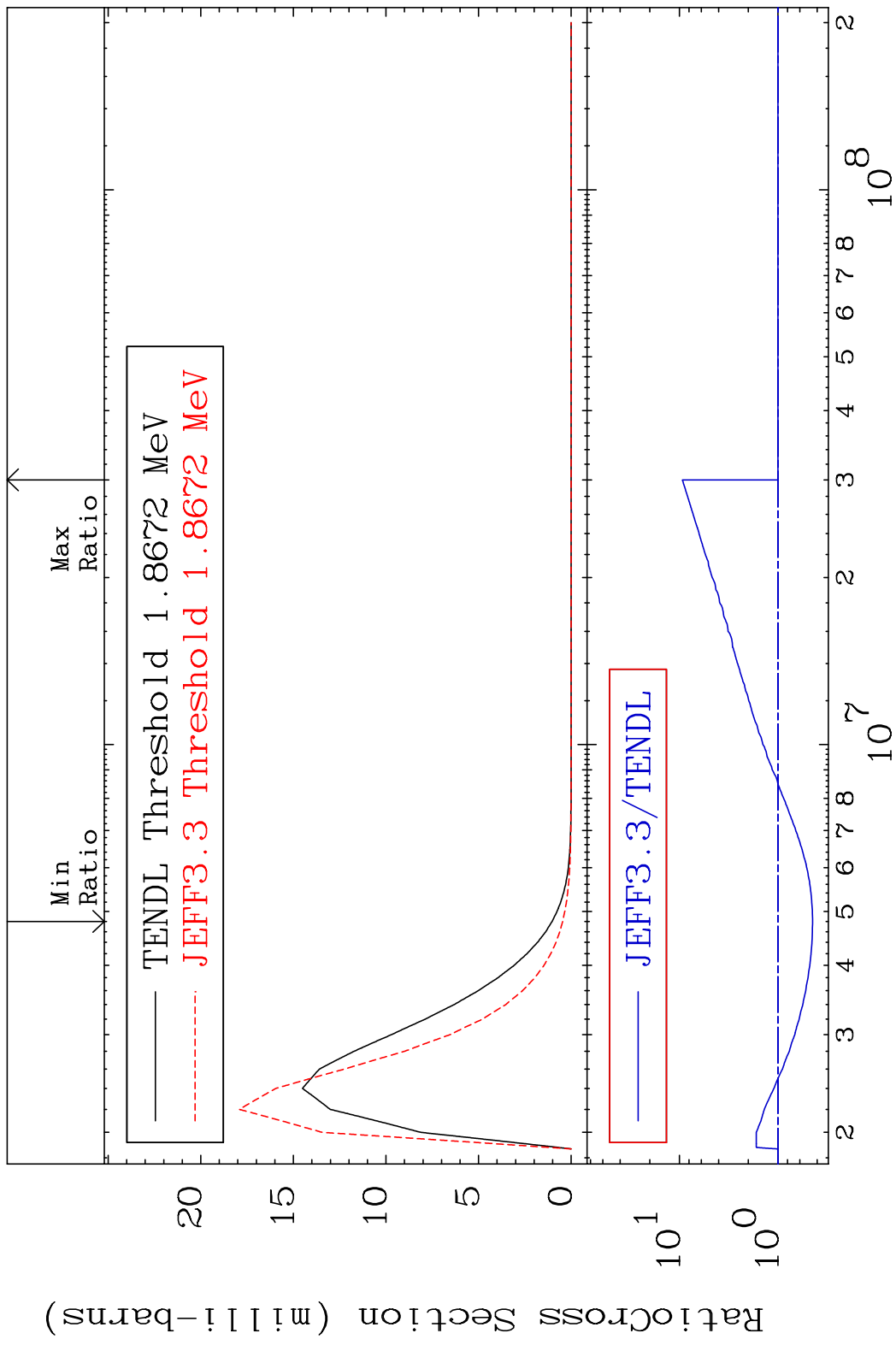


40 78-Pt-192

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

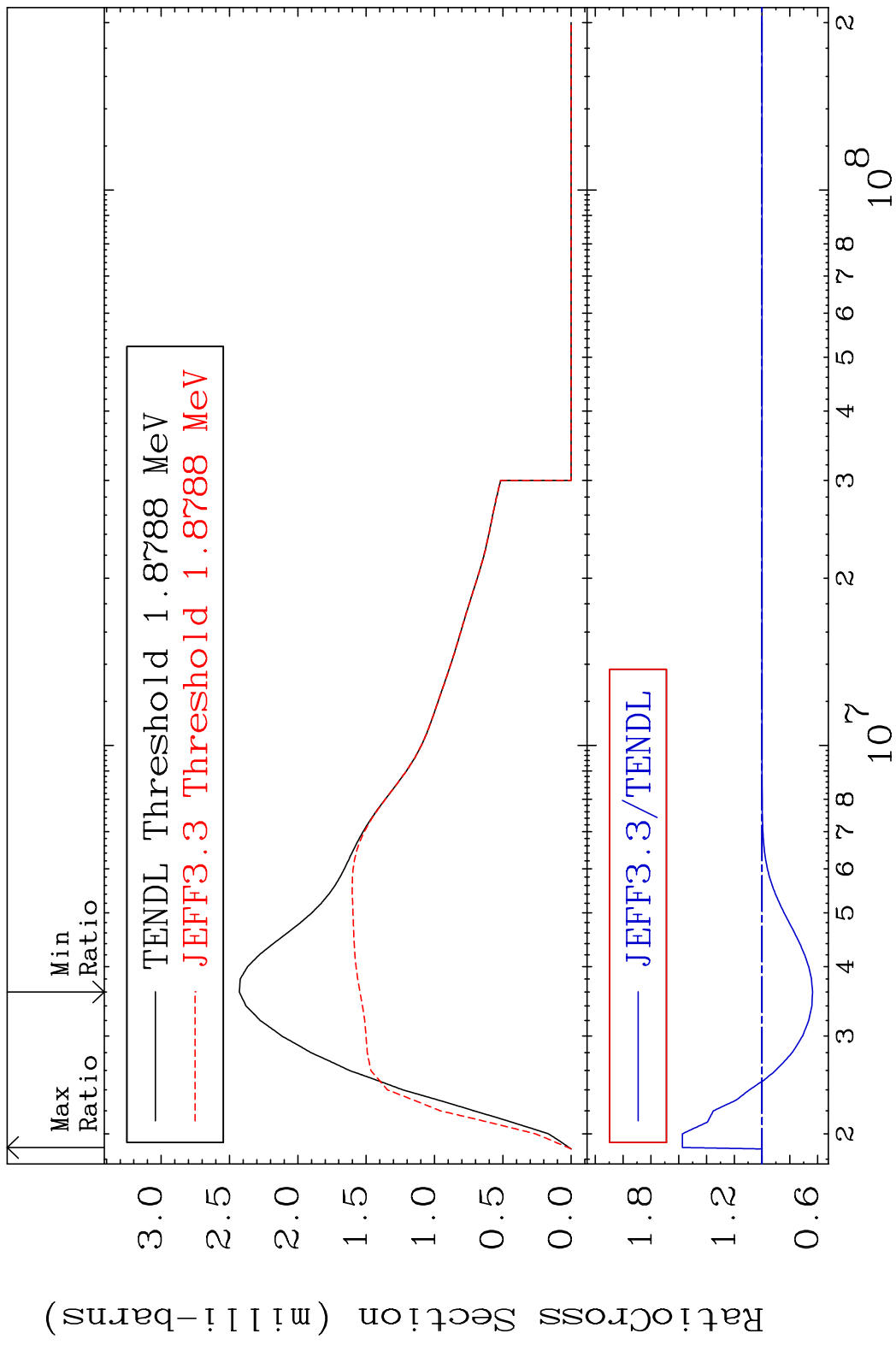


MAT 7831 MT= 73 (n, n') Level 78-Pt-192  
 Cross Section -55.44 To 833.5 %



42 Incident Energy (eV) 78-Pt-192

MAT 7831 MT= 74 (n,n') Level 78-Pt-192  
 Cross Section -36.34 To 57.37 %

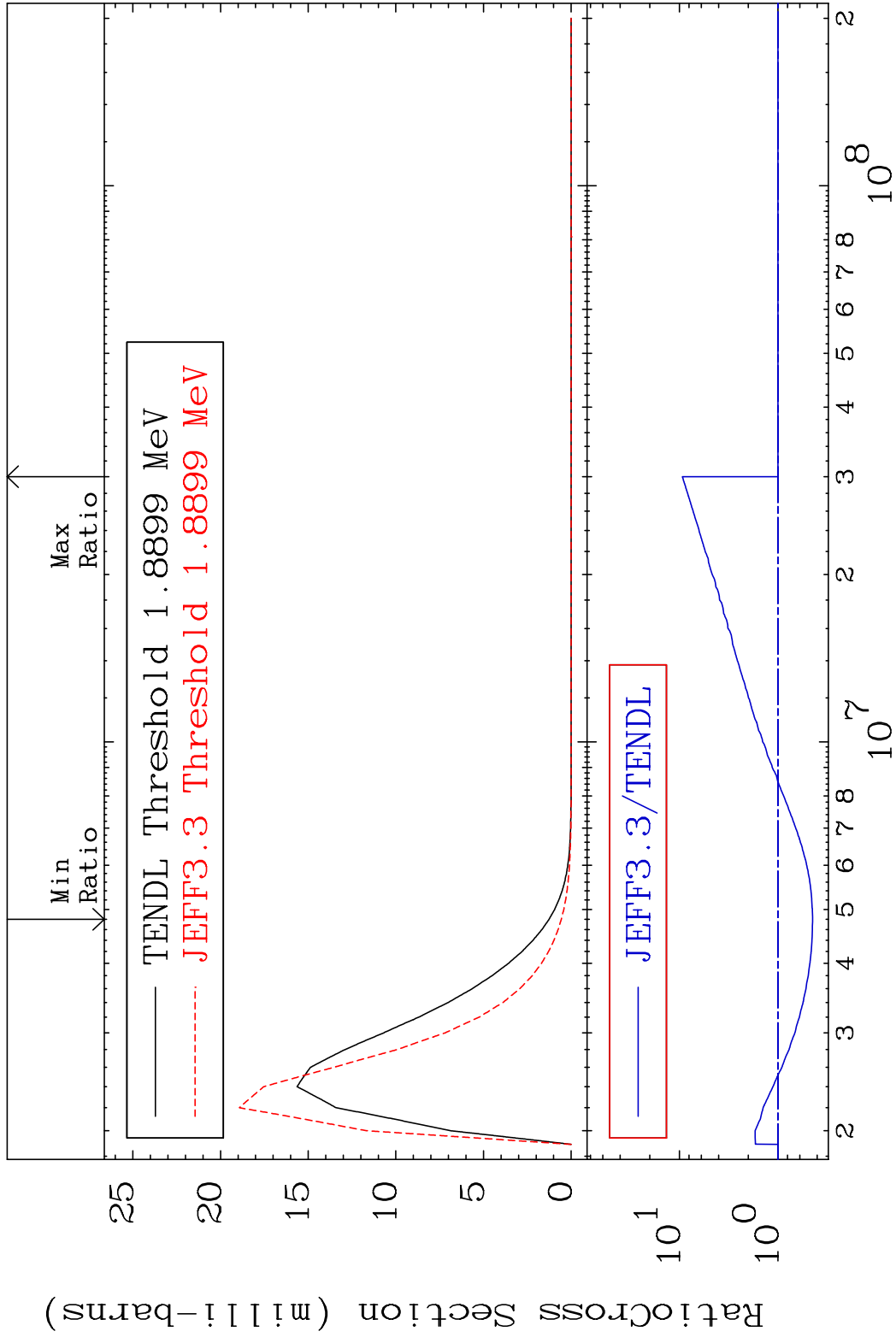


MAT 7831

MT= 75 (n, n') Level

78-Pt-192

Cross Section -55.54 To 834.1 %

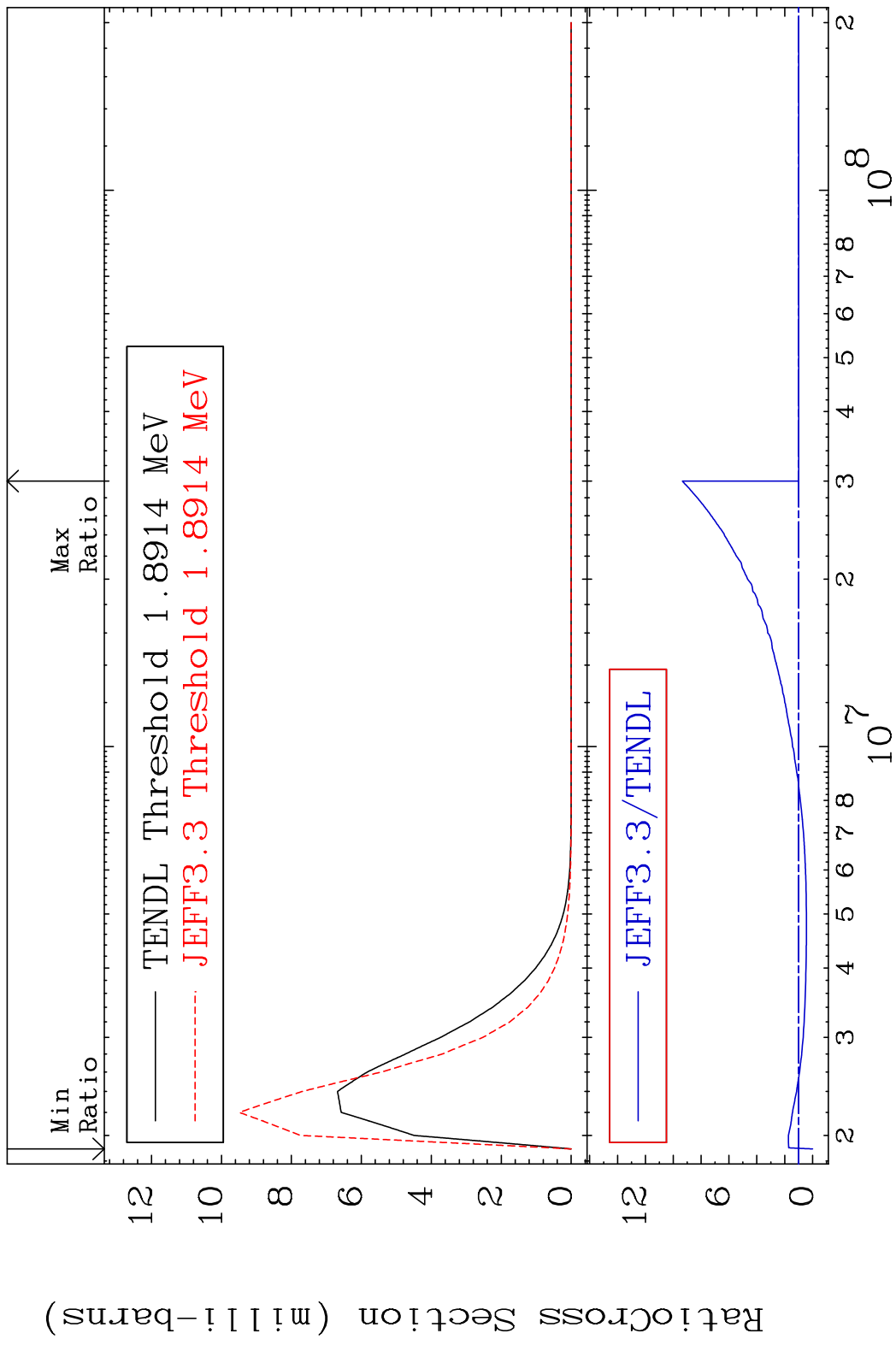


44

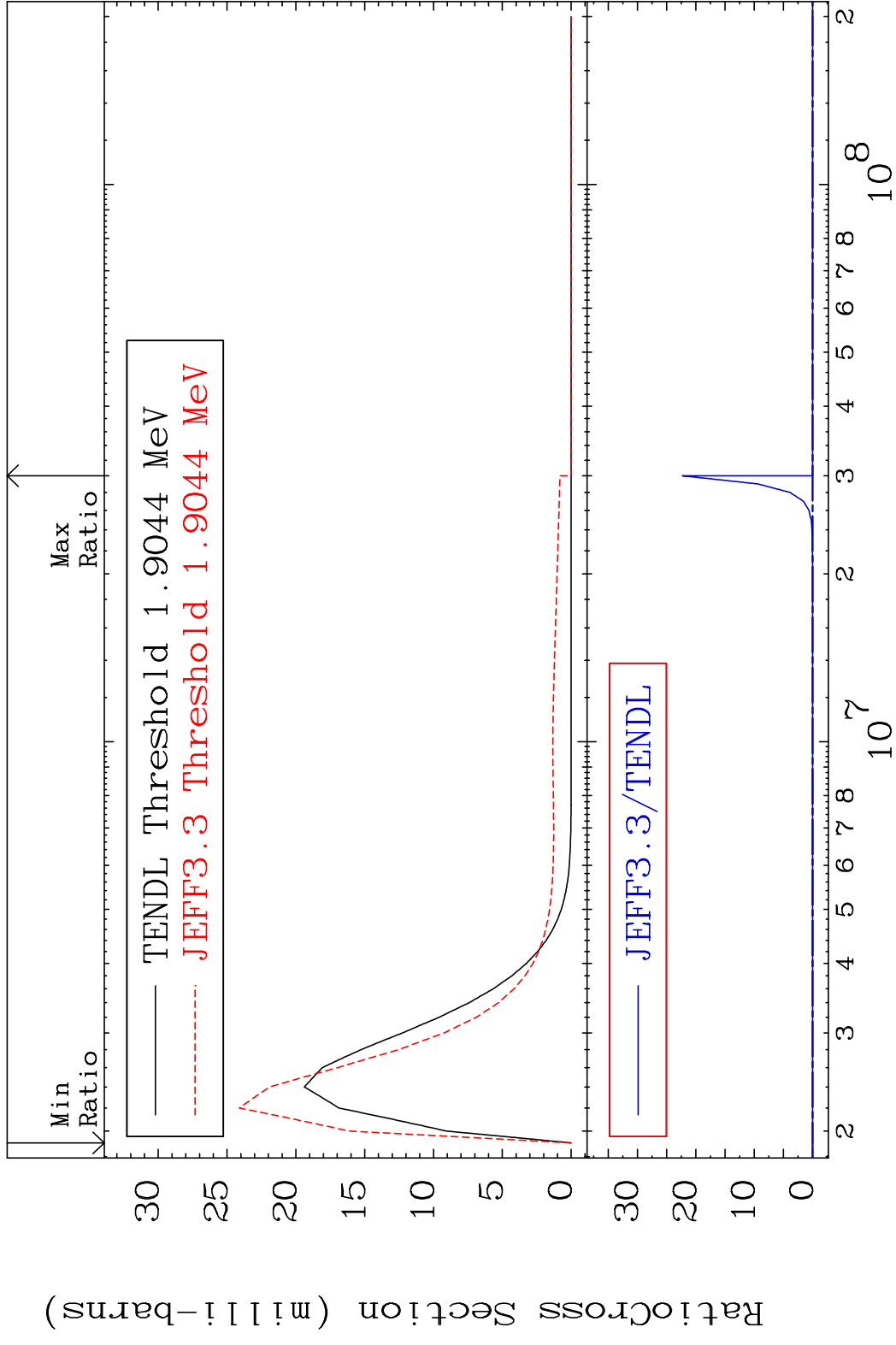
Incident Energy (eV)

78-Pt-192

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. %





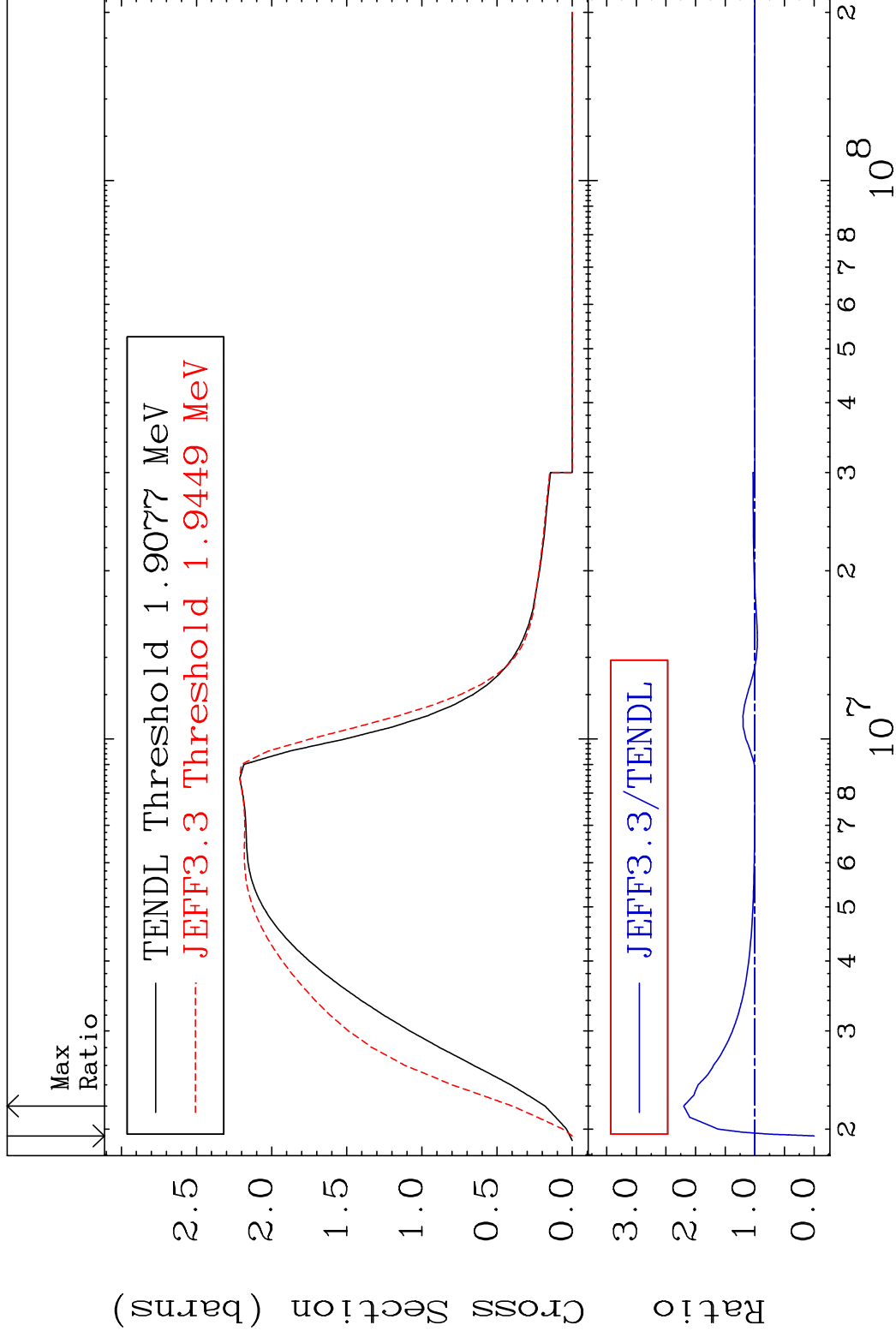


MAT 7831

(n, n') Continuum

78-Pt-192

Cross Section -100.0 To 120.1 %



48

Incident Energy (eV)

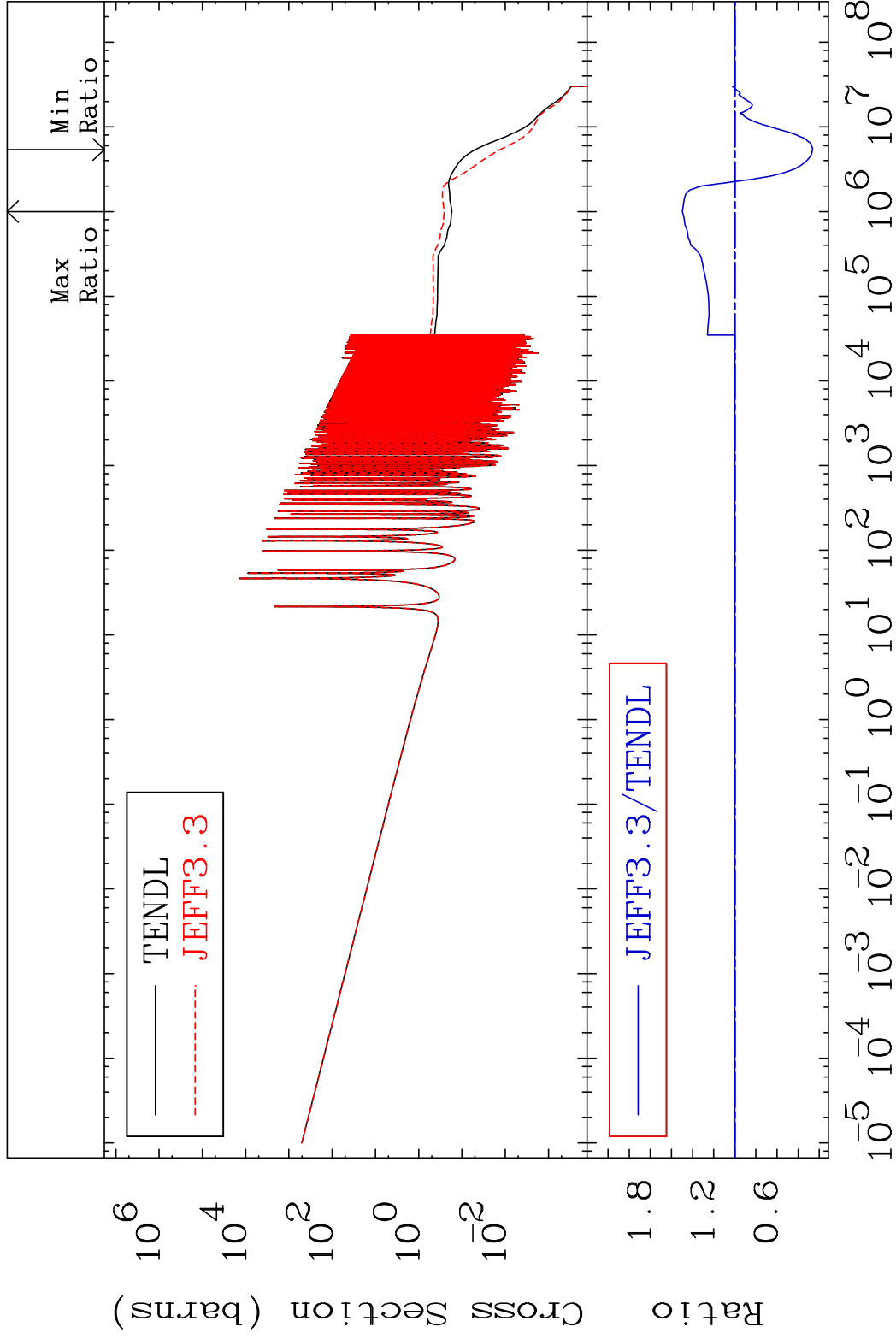
78-Pt-192

MAT 7831

(n,  $\gamma$ )

78-Pt-192

Cross Section -73.63 To 49.65 %



49

Incident Energy (eV)

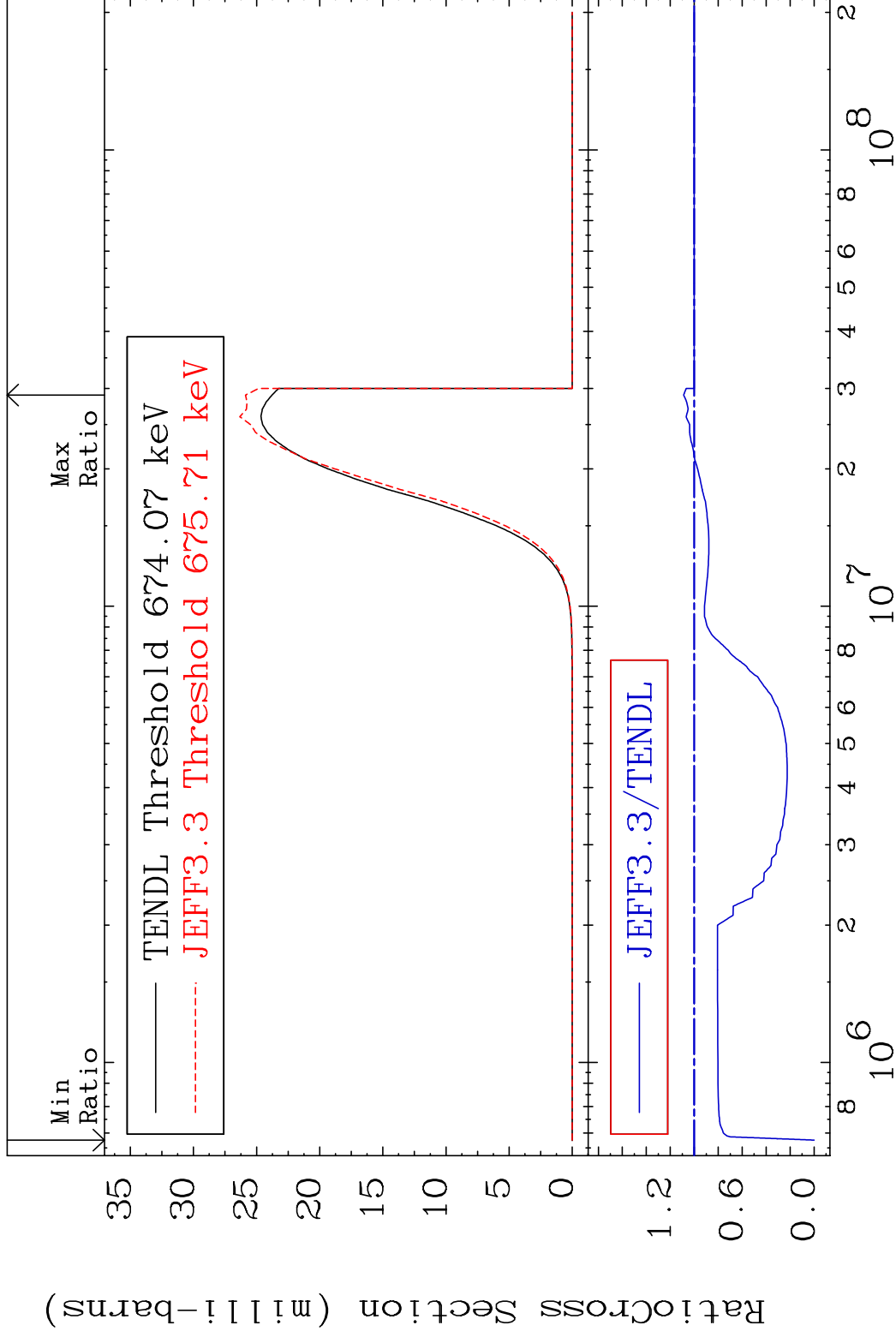
78-Pt-192

MAT 7831

(n,p)

78-Pt-192

Cross Section -100.0 To 8.834 %



50

Incident Energy (eV)

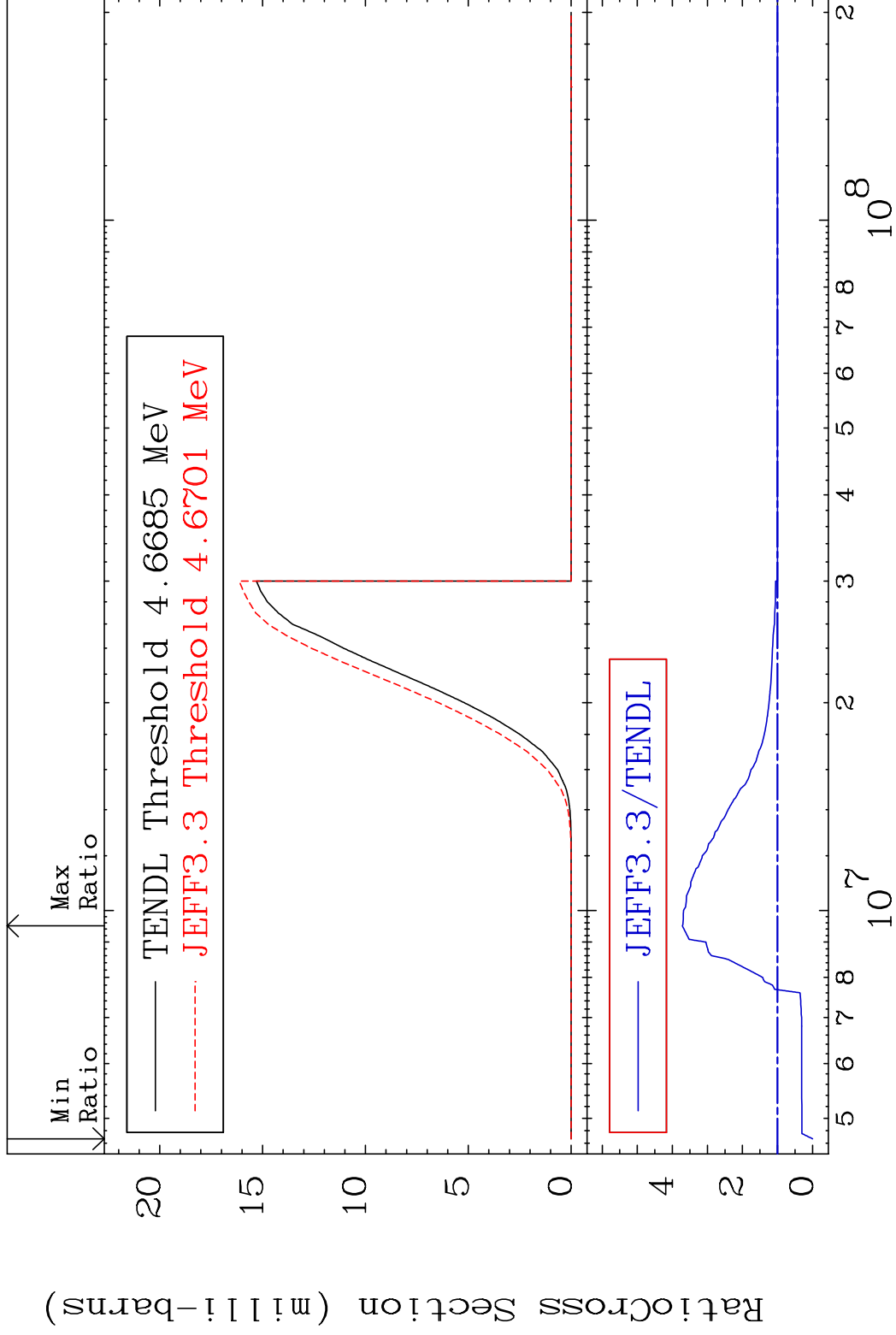
78-Pt-192

MAT 7831

(n, d)

78-Pt-192

Cross Section -100.0 To 271.4 %



51

Incident Energy (eV)

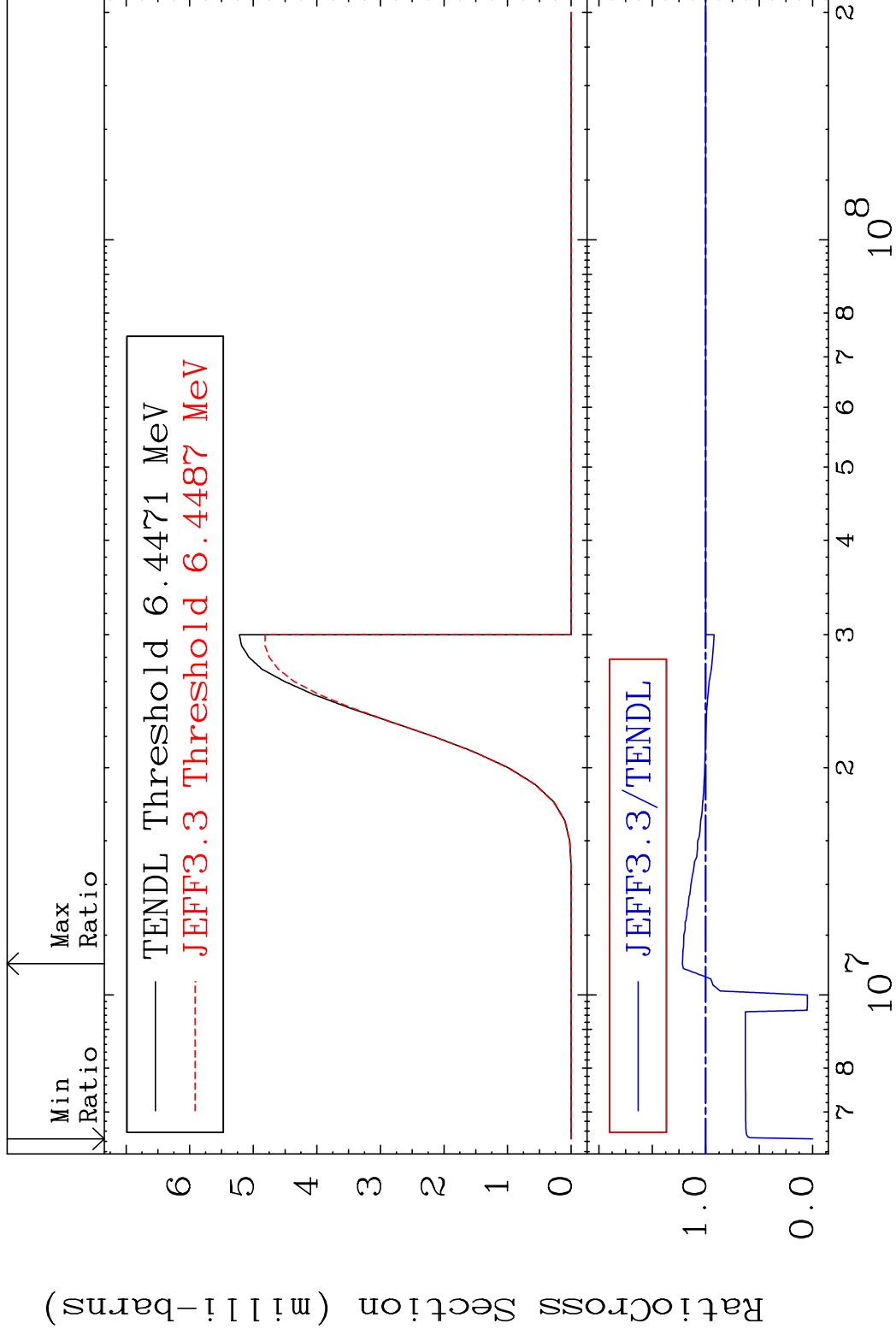
78-Pt-192

MAT 7831

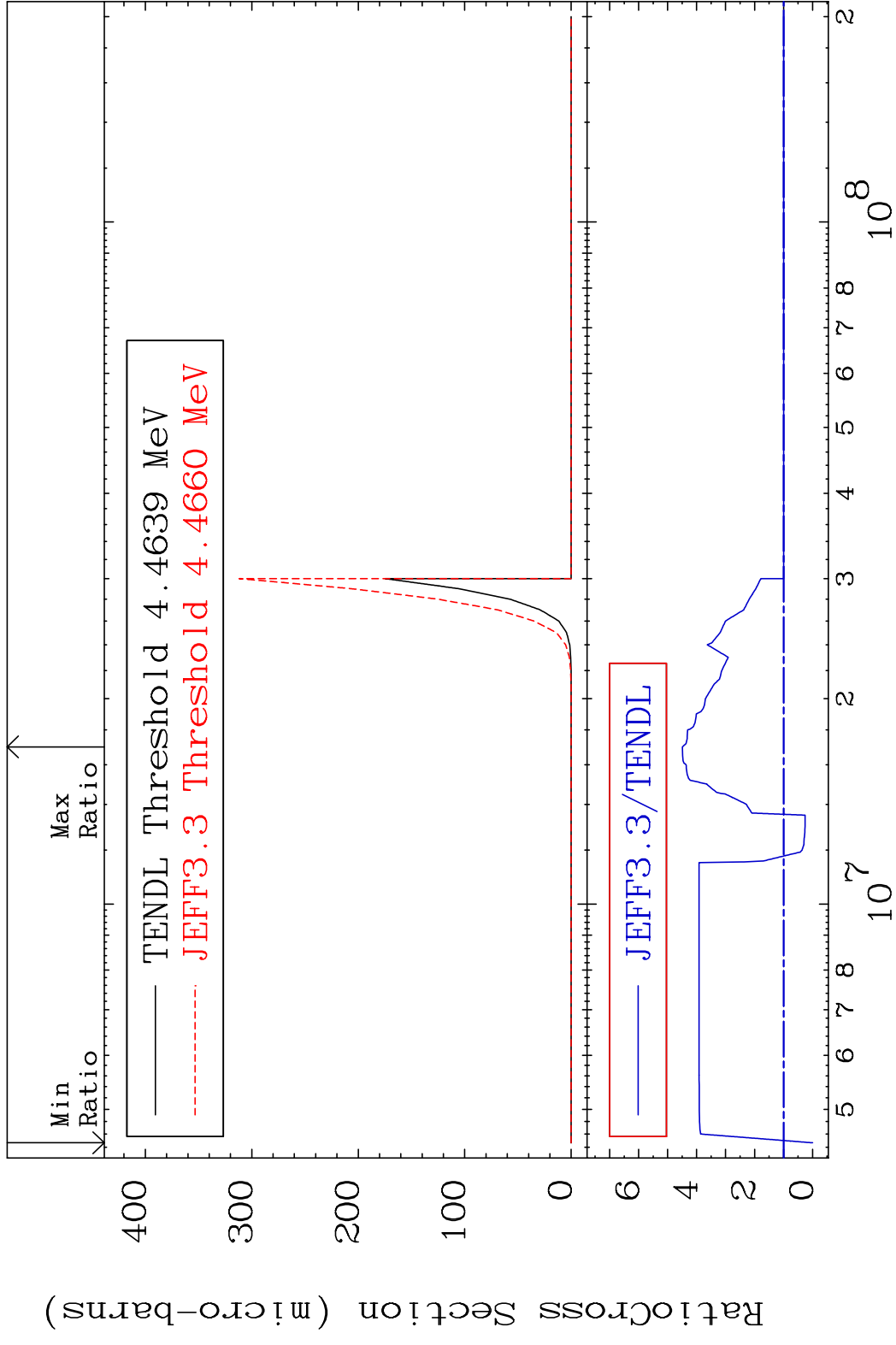
(n, t)

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 %

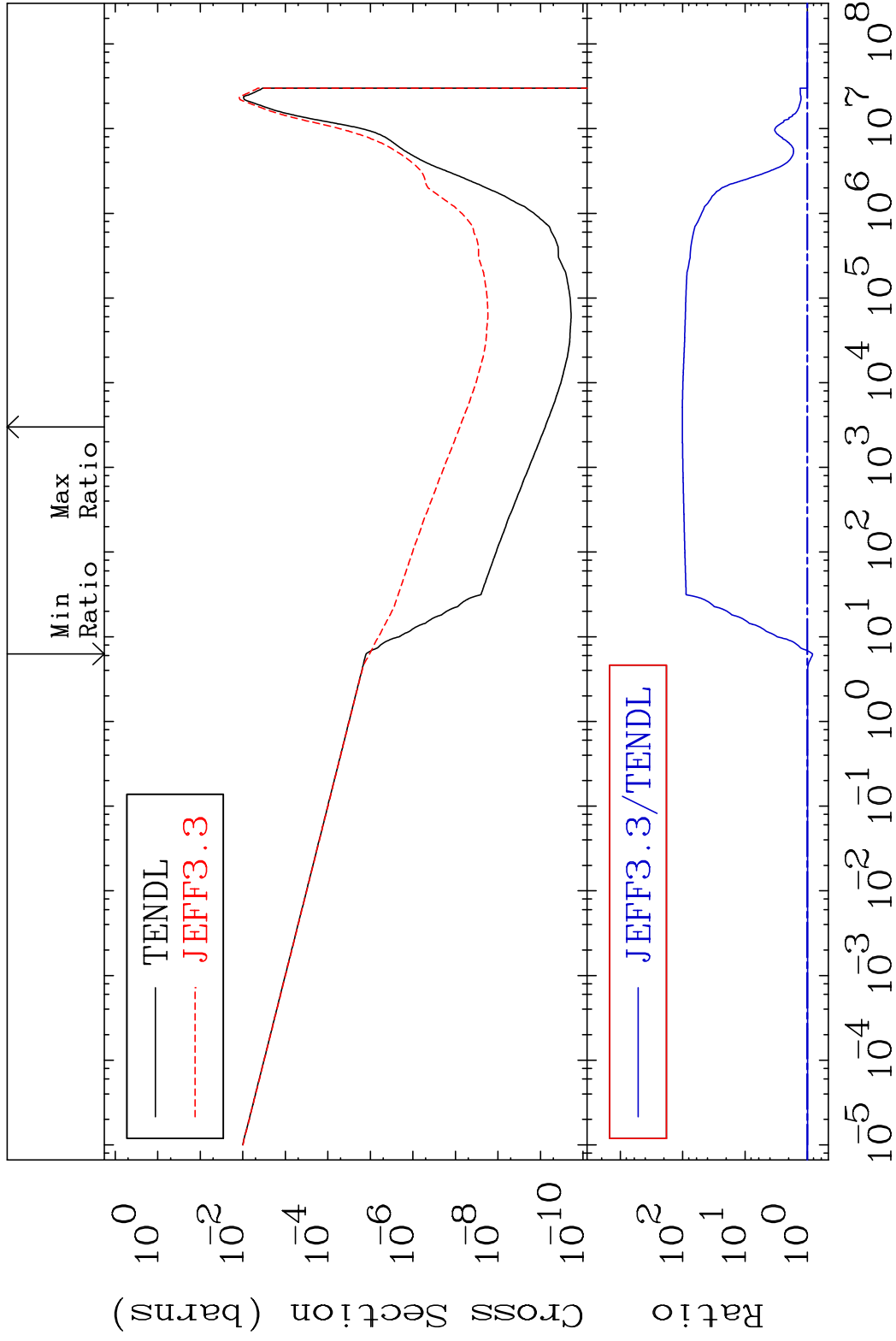


MAT 7831

(n,  $\alpha$ )

78-Pt-192

Cross Section -17.37 To 9999. %

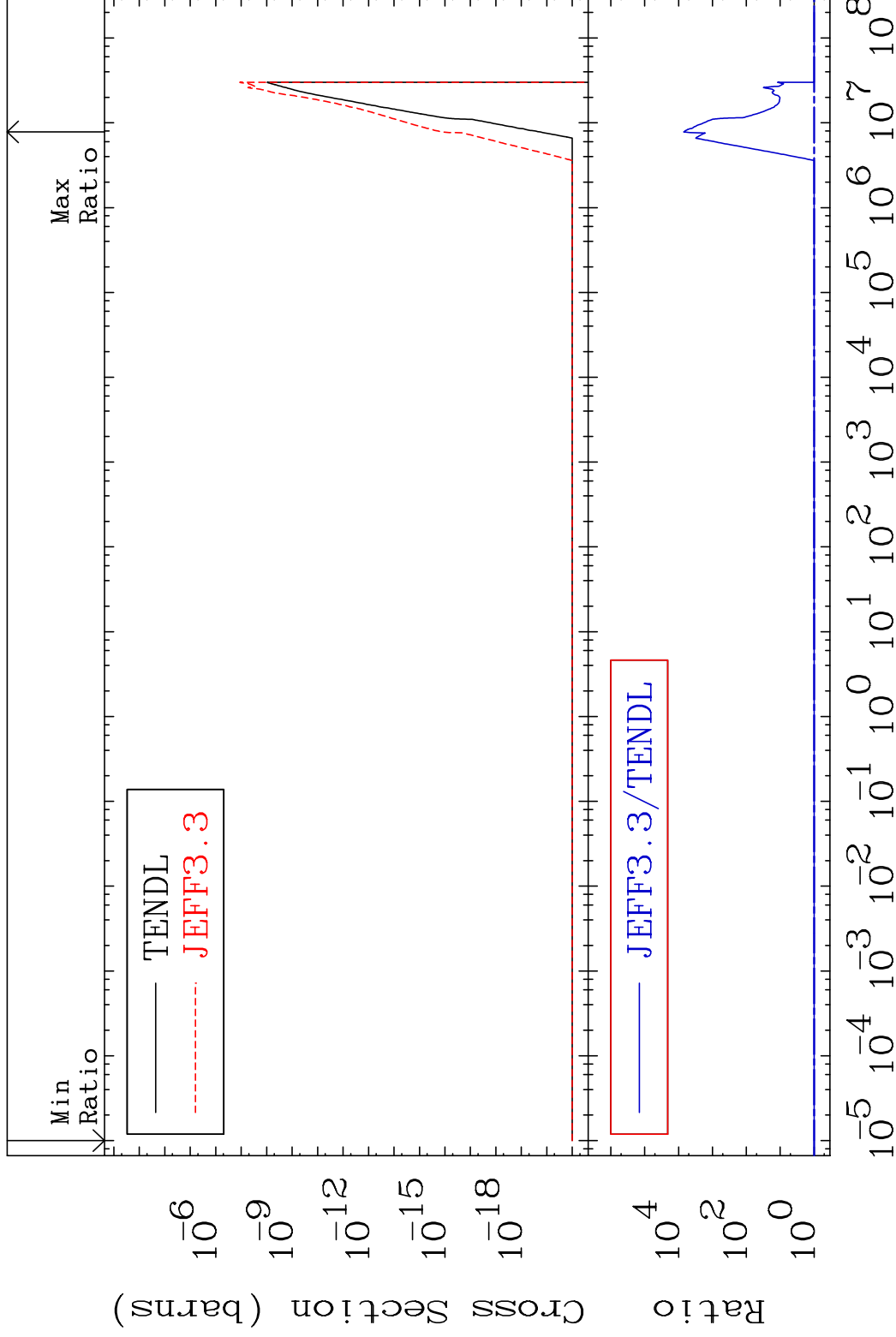


MAT 7831

(n,2α)

78-Pt-192

Cross Section 0.000 To 9999. %



55

Incident Energy (eV)

78-Pt-192

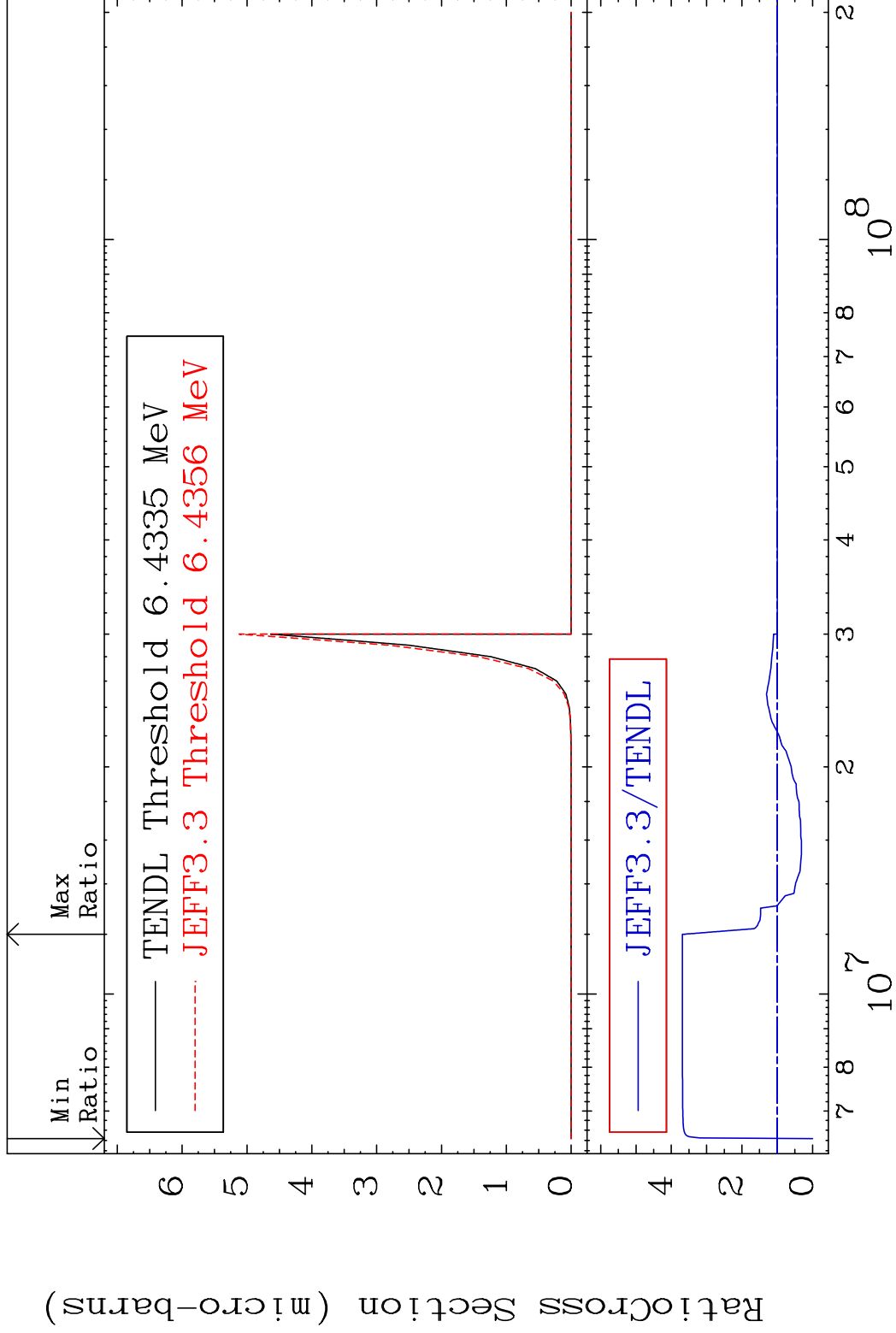


MAT 7831

(n,2p)

78-Pt-192

Cross Section -100.0 To 268.7 %

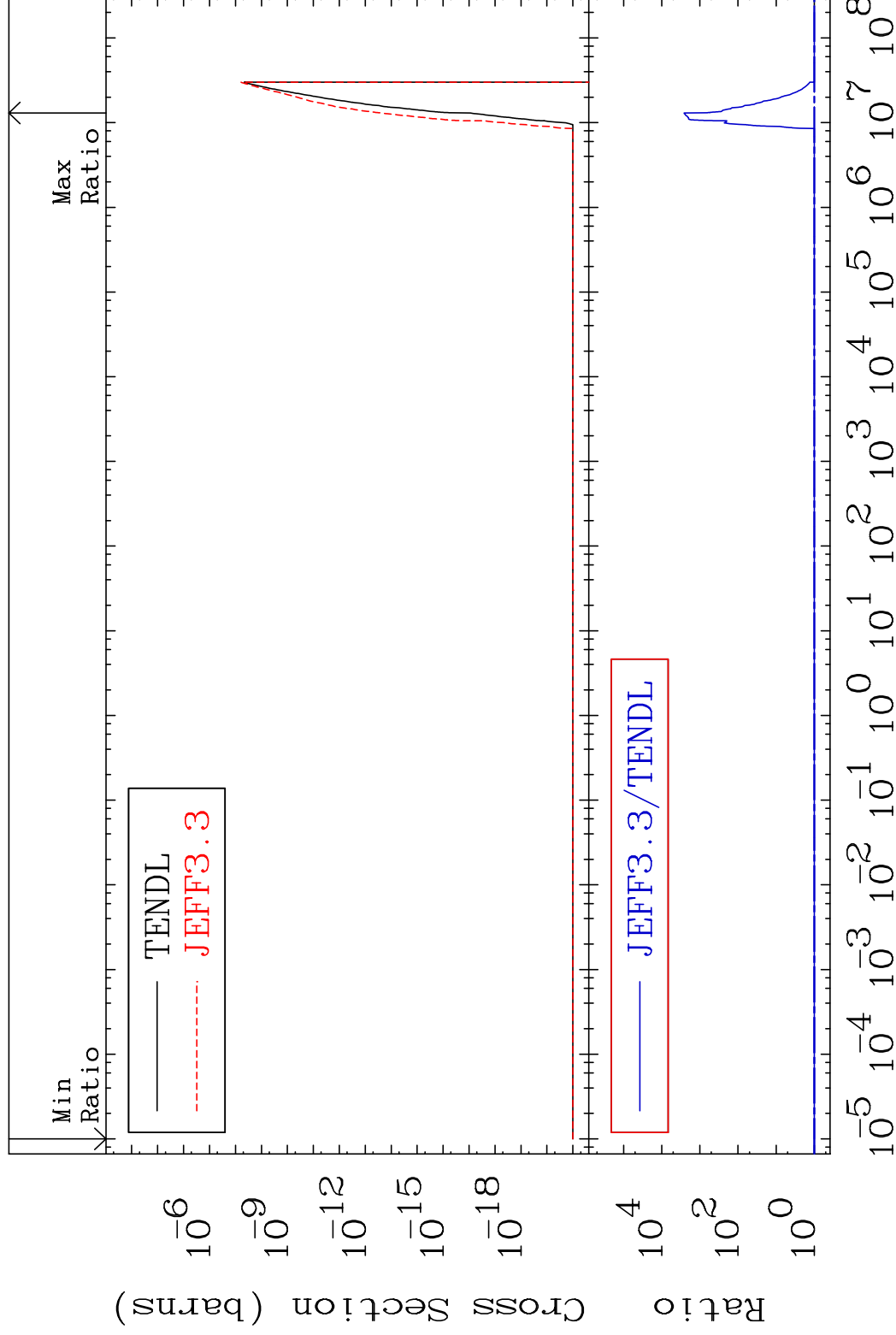


MAT 7831

(n,p)  $\alpha$

78-Pt-192

Cross Section 0.000 To 9999. %

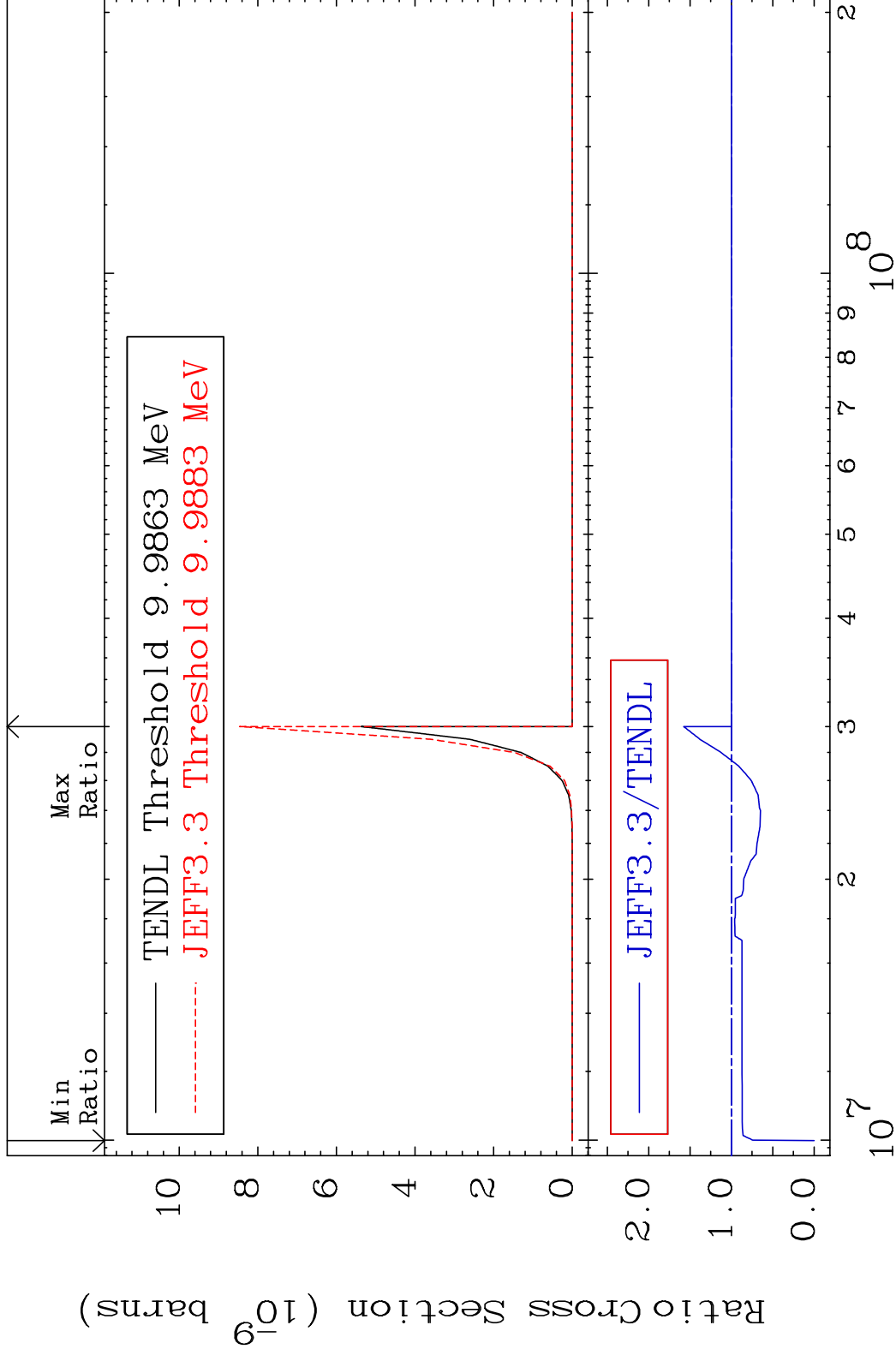


MAT 7831

(n,p) d

78-Pt-192

Cross Section -100.0 To 57.69 %



58

Incident Energy (eV)

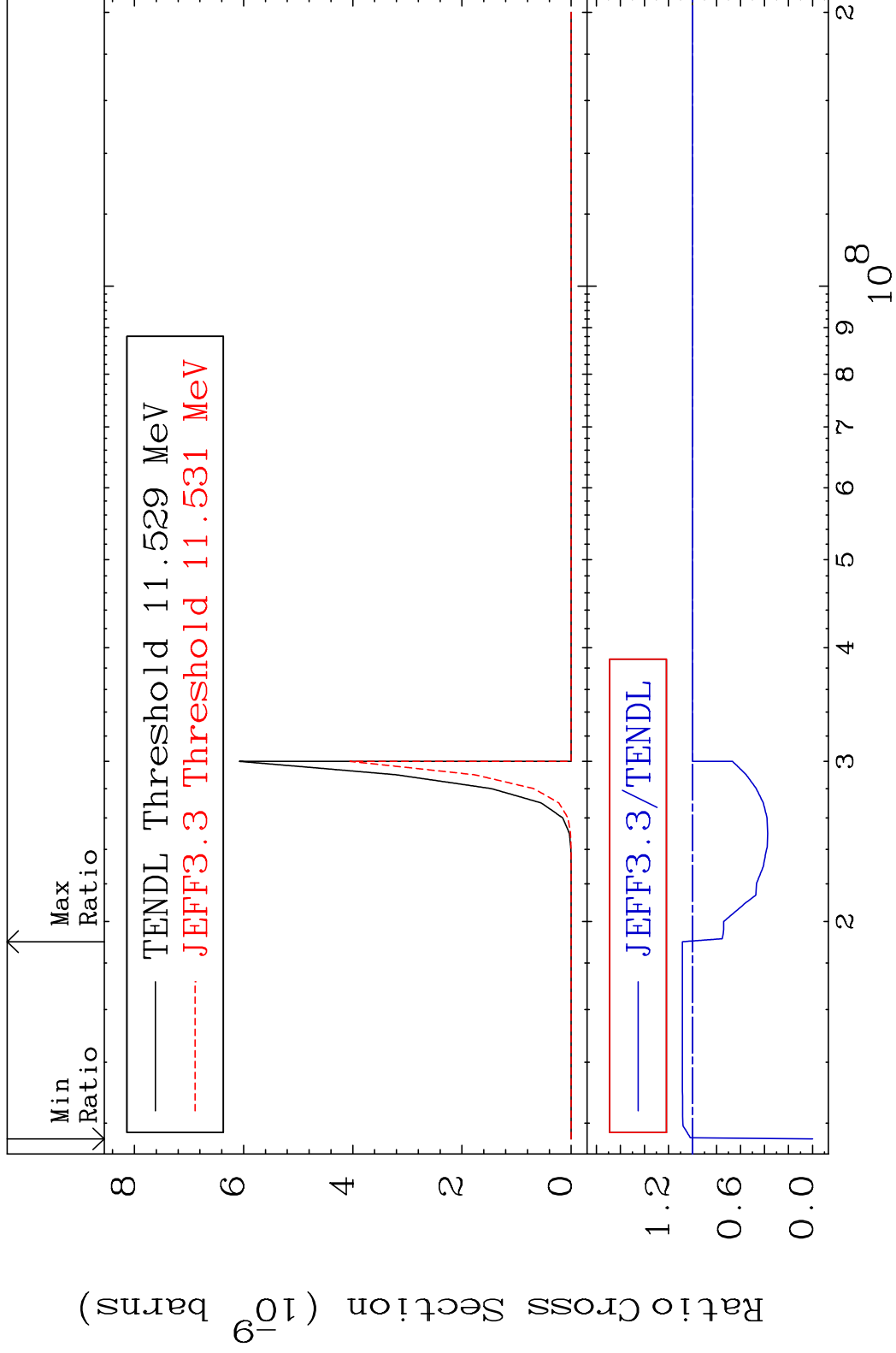
78-Pt-192

MAT 7831

(n,p) t

78-Pt-192

Cross Section -100.0 To 8.420 %



59

Incident Energy (eV)

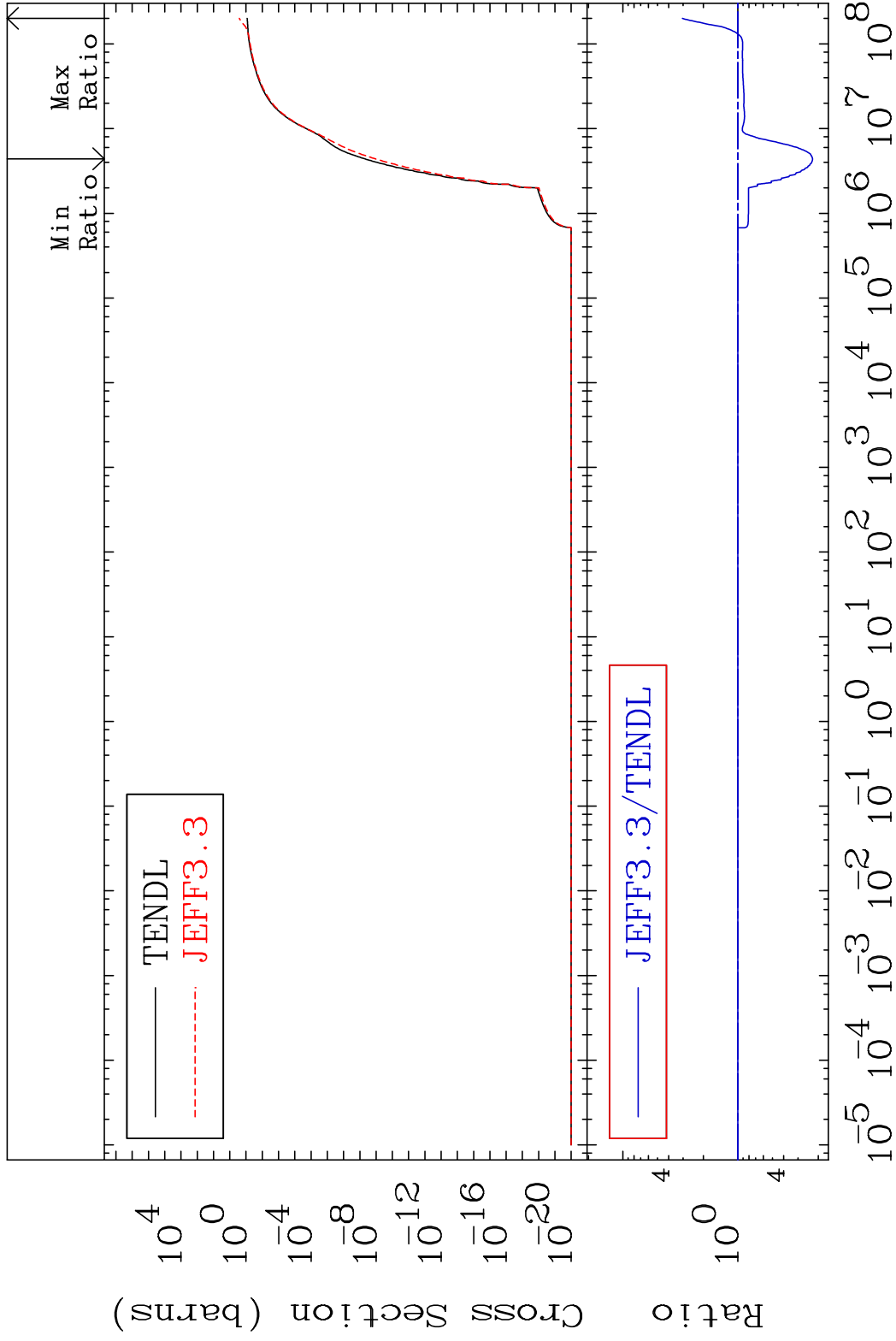
78-Pt-192

MAT 7831

Hydrogen Production

78-Pt-192

Cross Section -77.60 To 204.1 %

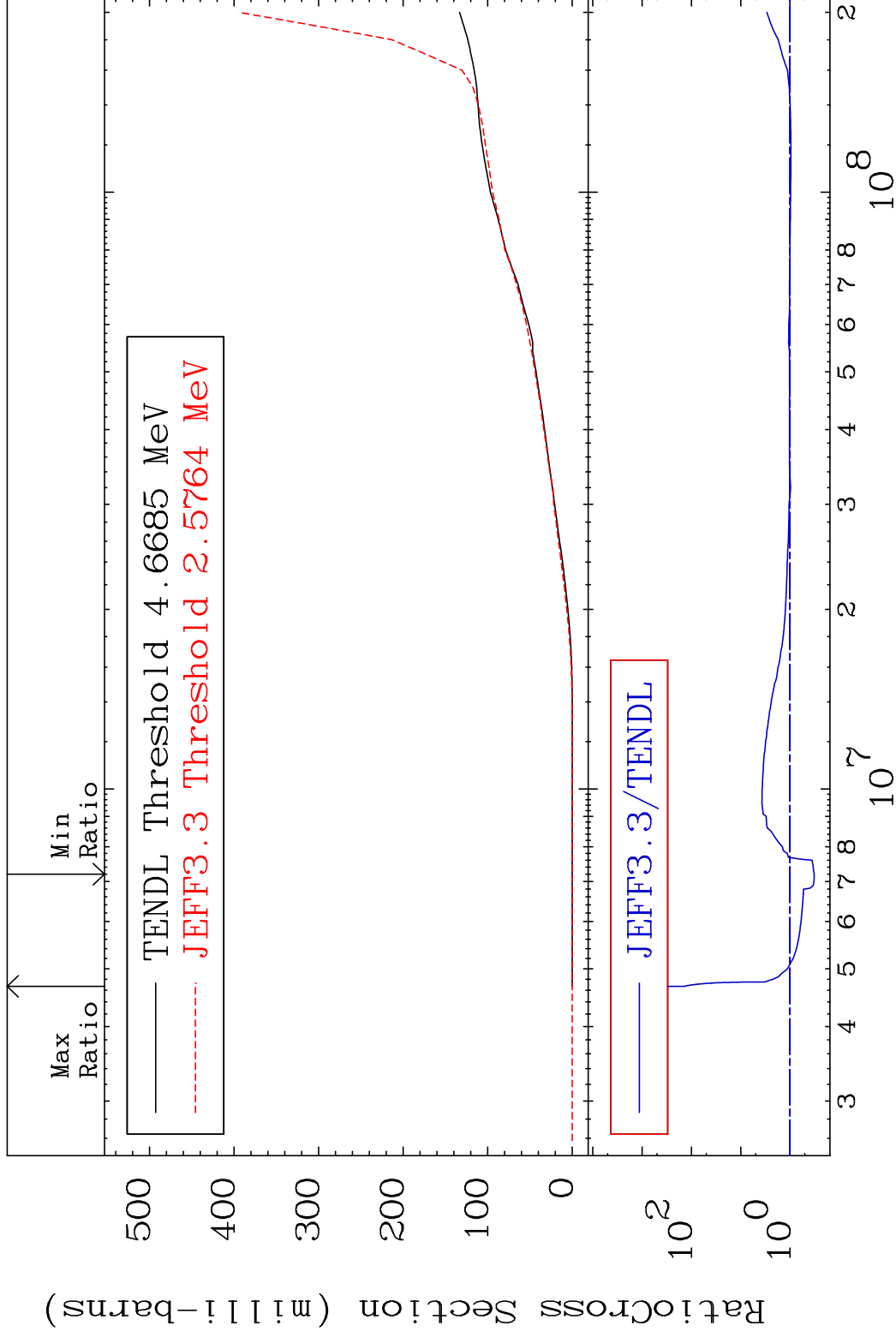


60

Incident Energy (eV)

78-Pt-192

Cross Section -67.52 To 9999. %

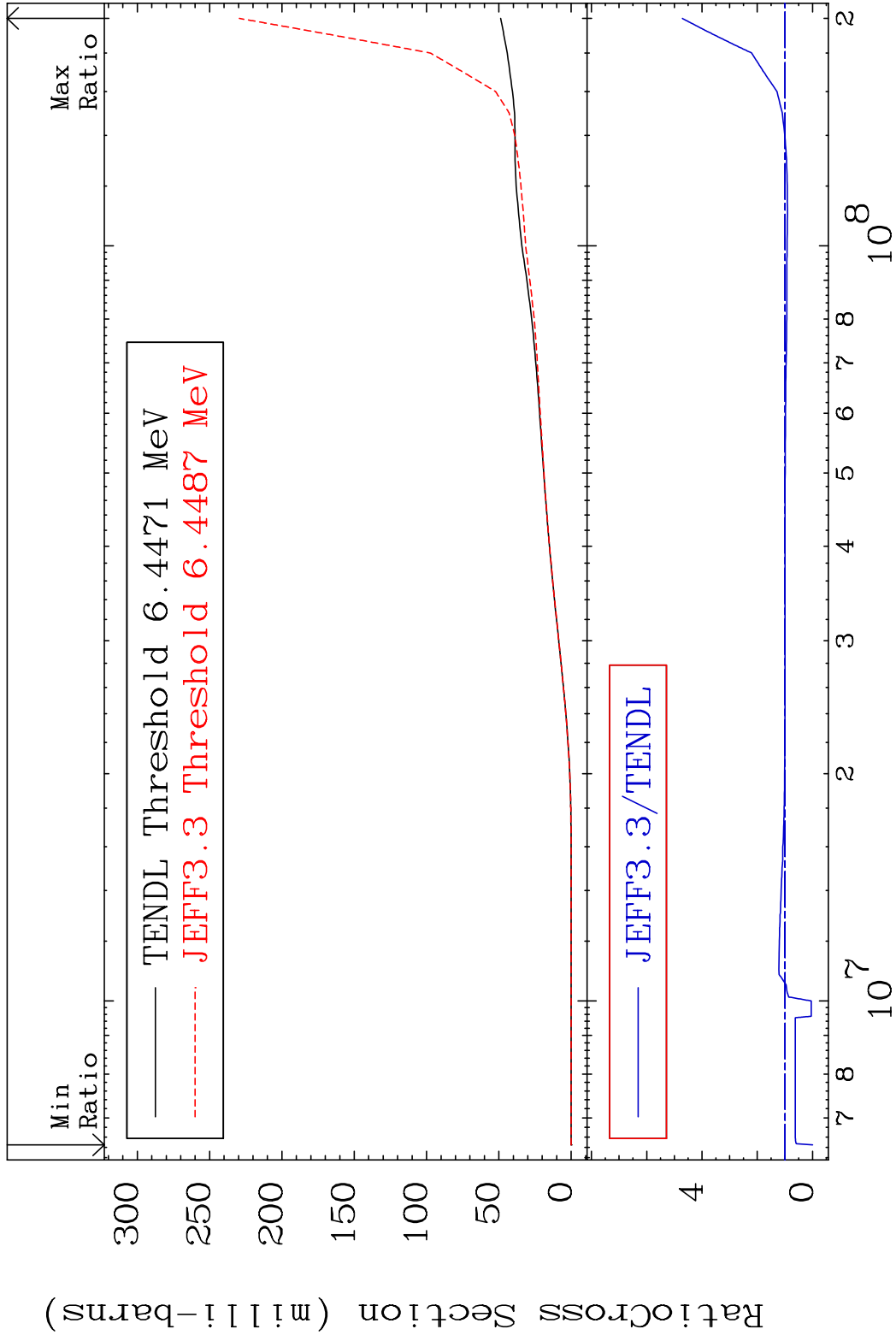


MAT 7831

Tritium Production

78-Pt-192

Cross Section -100.0 To 371.1 %



62

Incident Energy (eV)

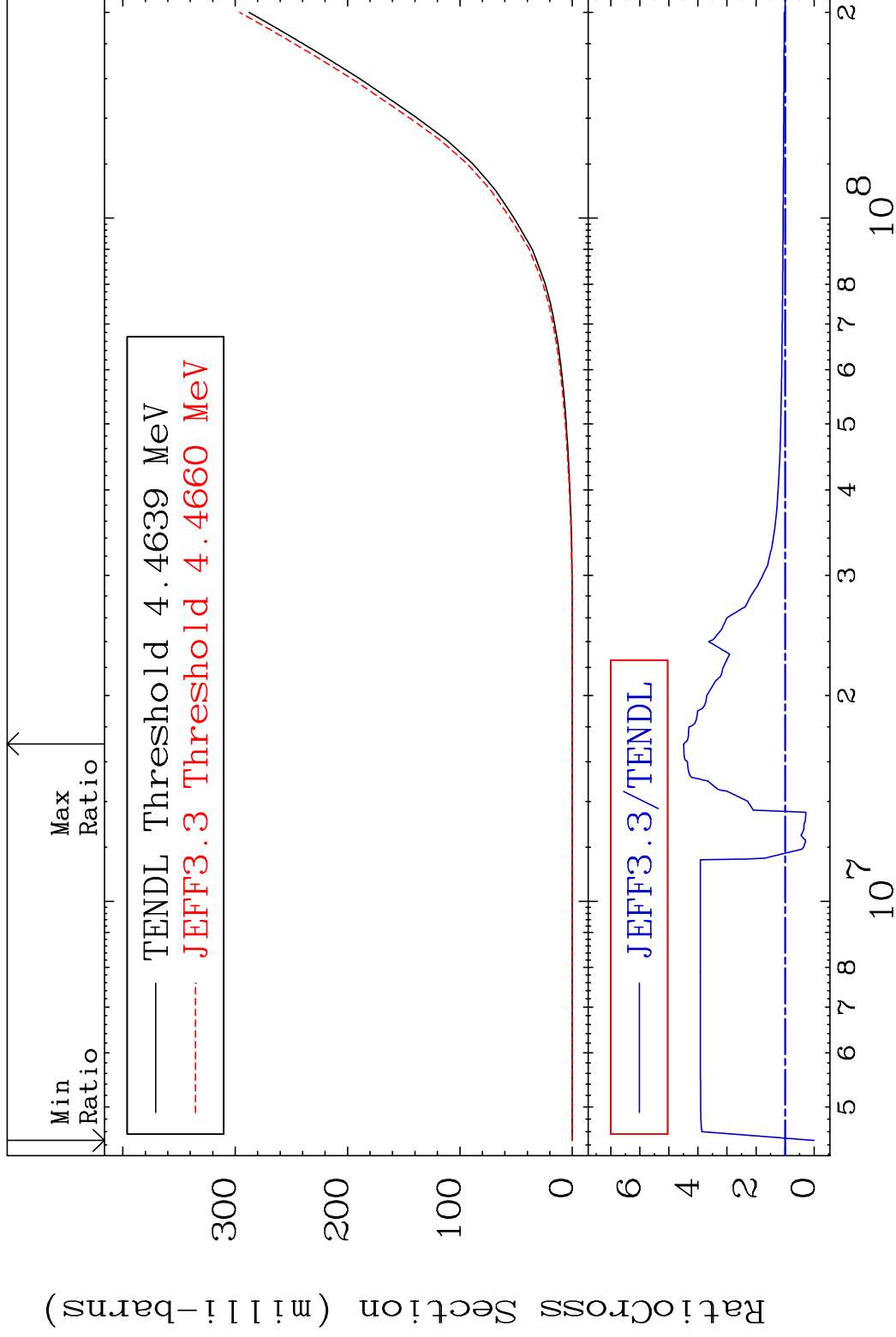
78-Pt-192

MAT 7831

He-3 Production

78-Pt-192

Cross Section -100.0 To 349.2 %



63

Incident Energy (eV)

78-Pt-192

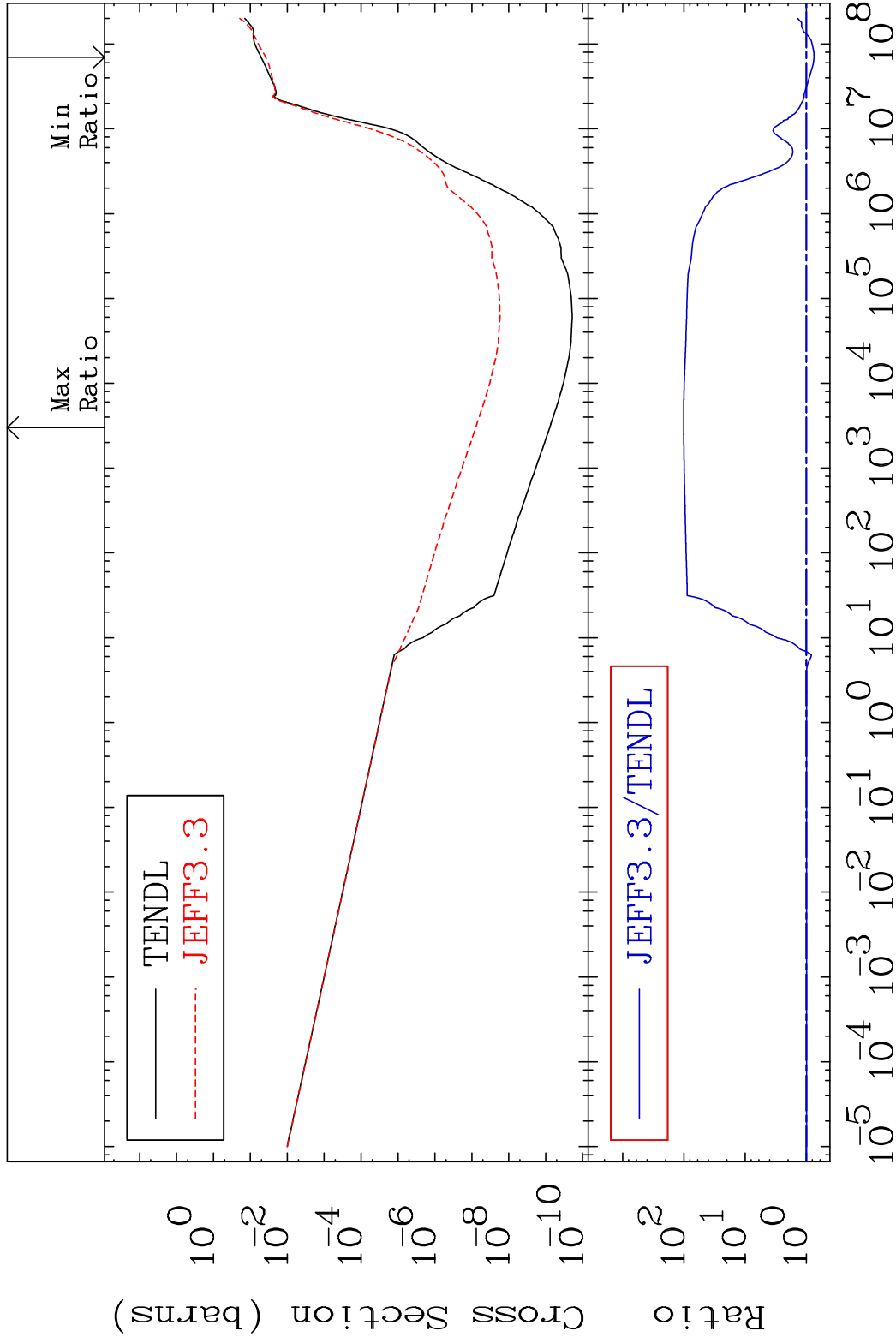


MAT 7831

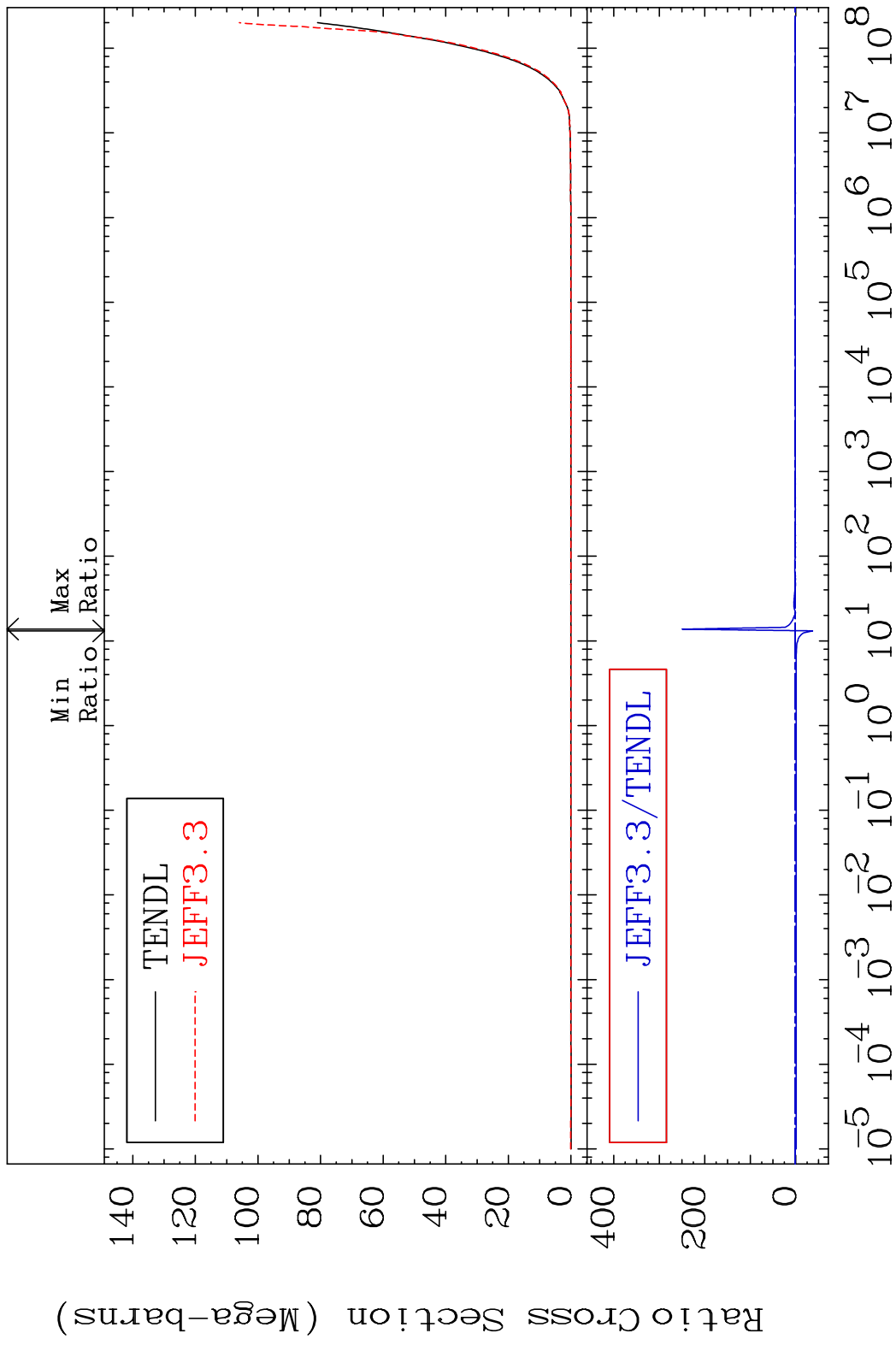
He-4 Production

78-Pt-192

Cross Section -25.07 To 9999. %



MAT 7831 Kerma total (eV-barns) 78-Pt-192  
Cross Section -3791. To 9999. %



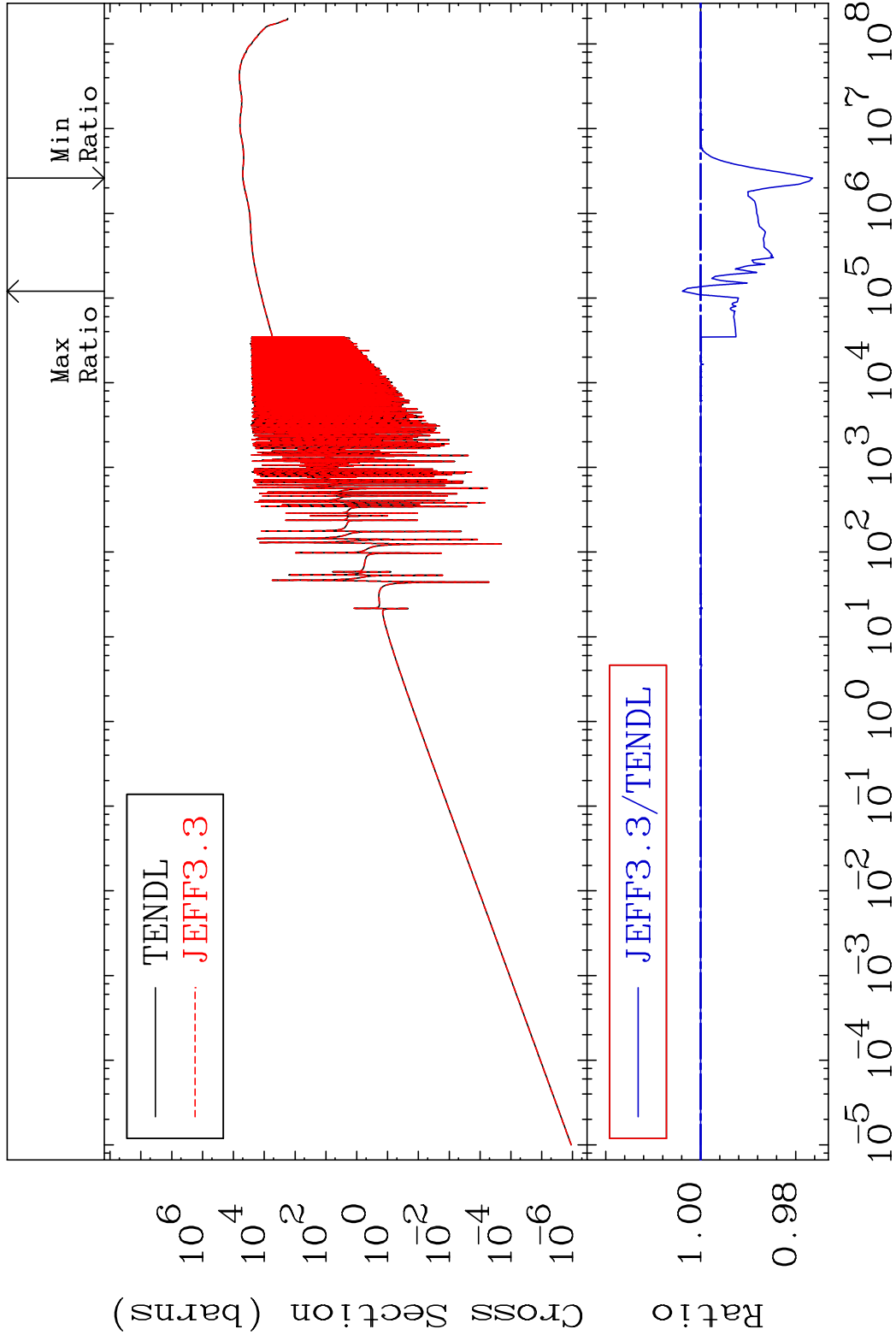
65 Incident Energy (eV) 78-Pt-192

MAT 7831

Kerma elastic

78-Pt-192

Cross Section -2.356 To 0.386 %

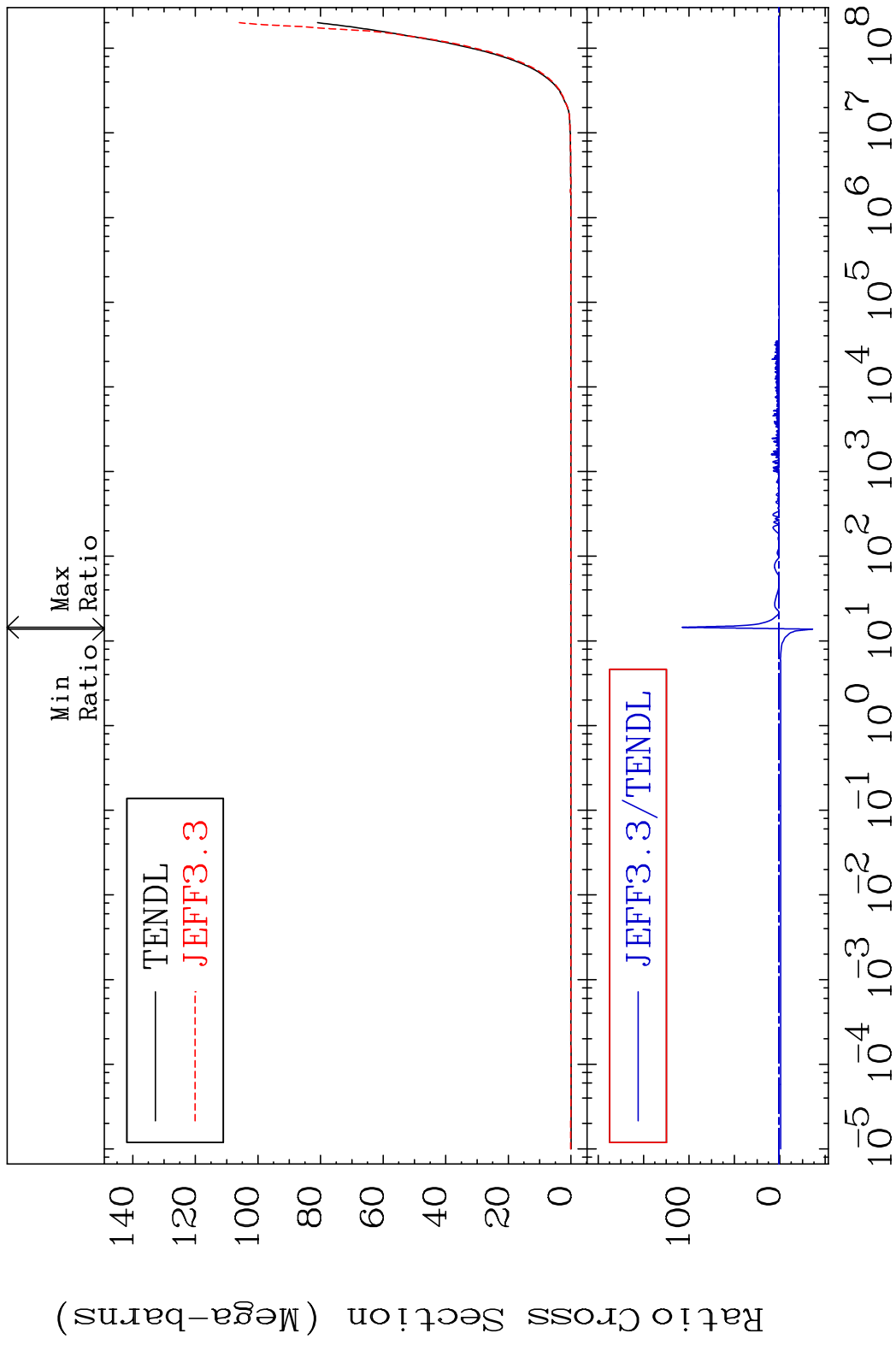


66

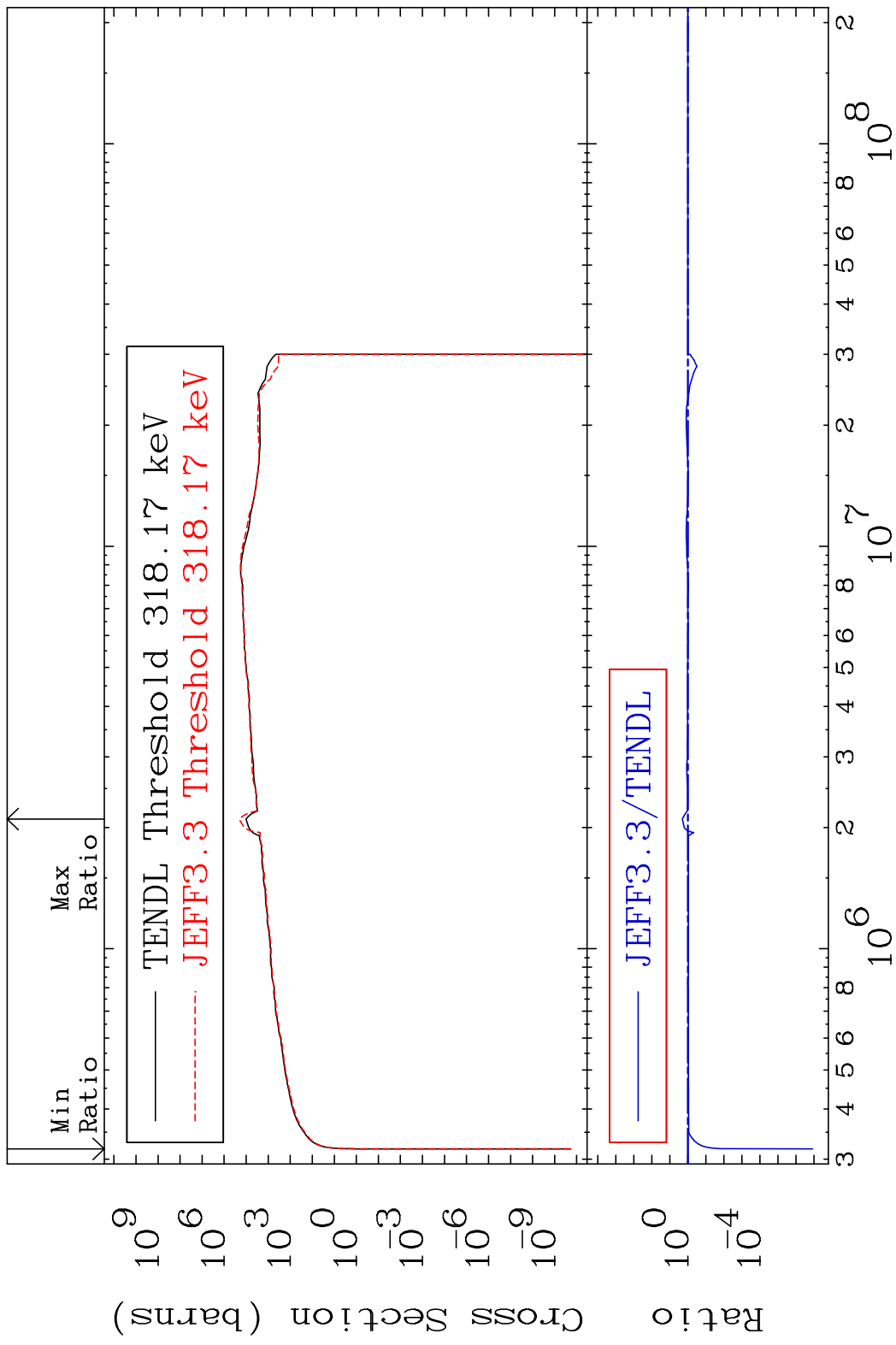
Incident Energy (eV)

78-Pt-192

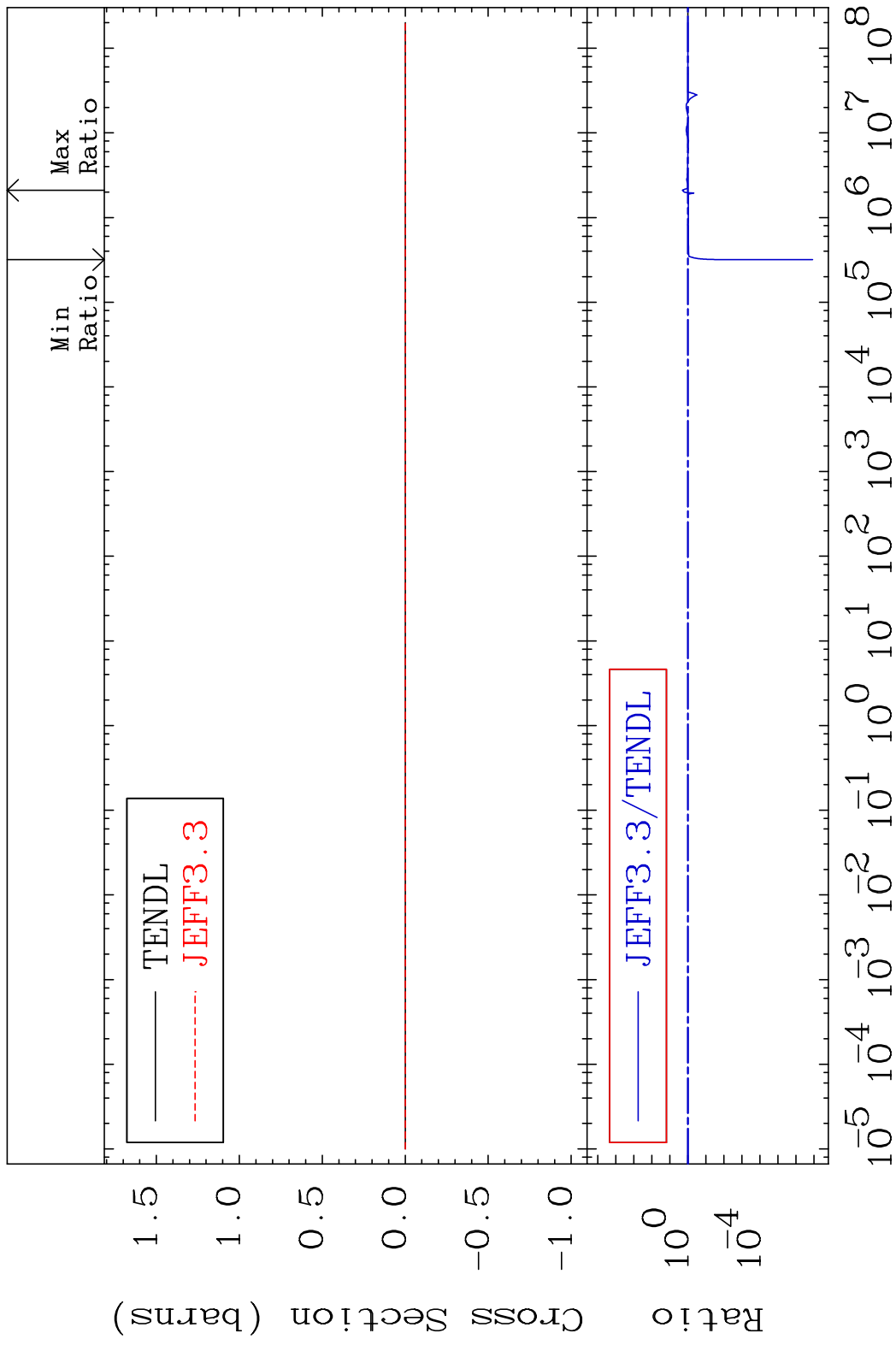
MAT 7831 Kerma non-elastic (all but mt2) 78-Pt-192  
Cross Section -3705. To 9999. %



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 %

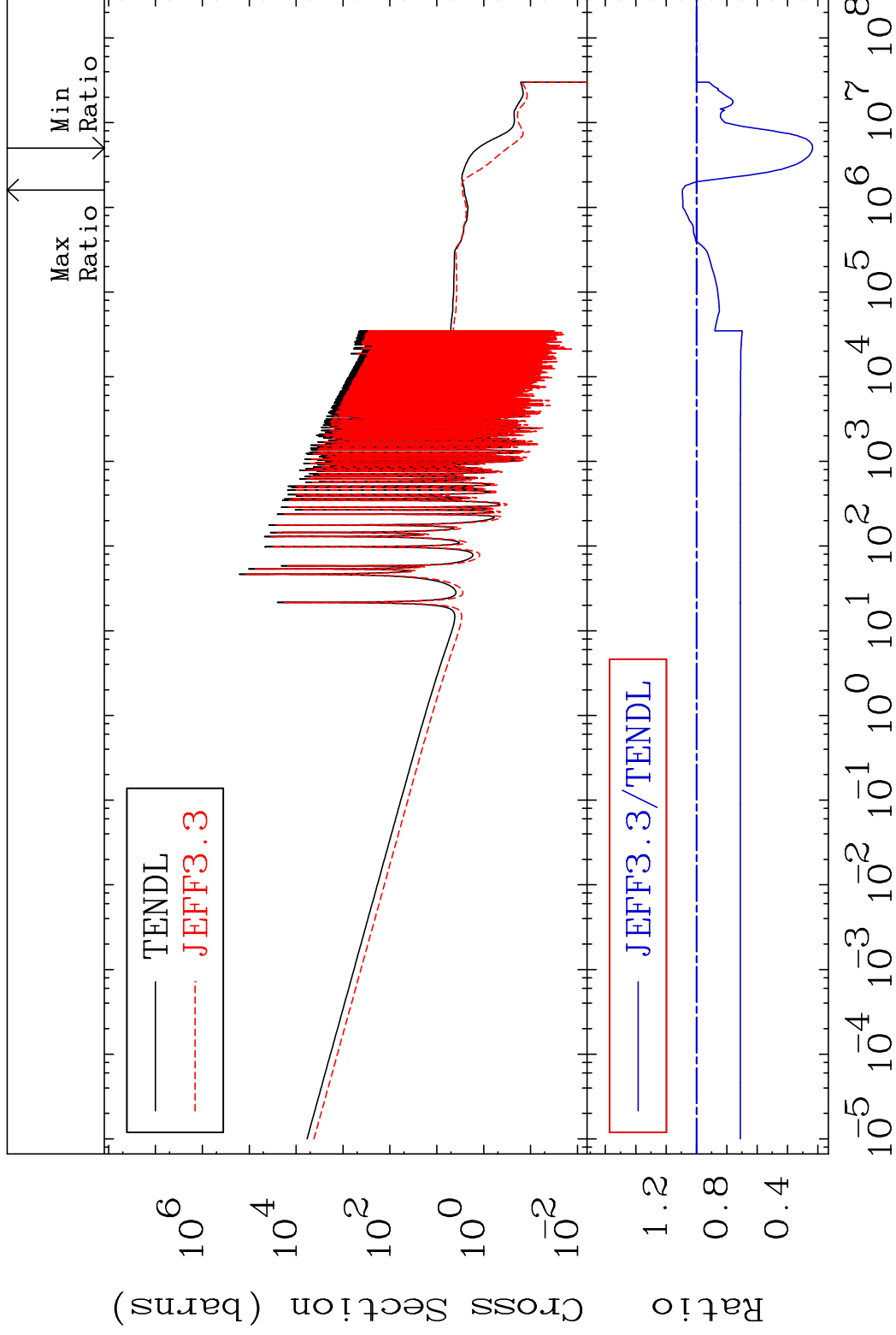


MAT 7831

Kerma capture (mt102)

78-Pt-192

Cross Section -76.49 To 9.301 %

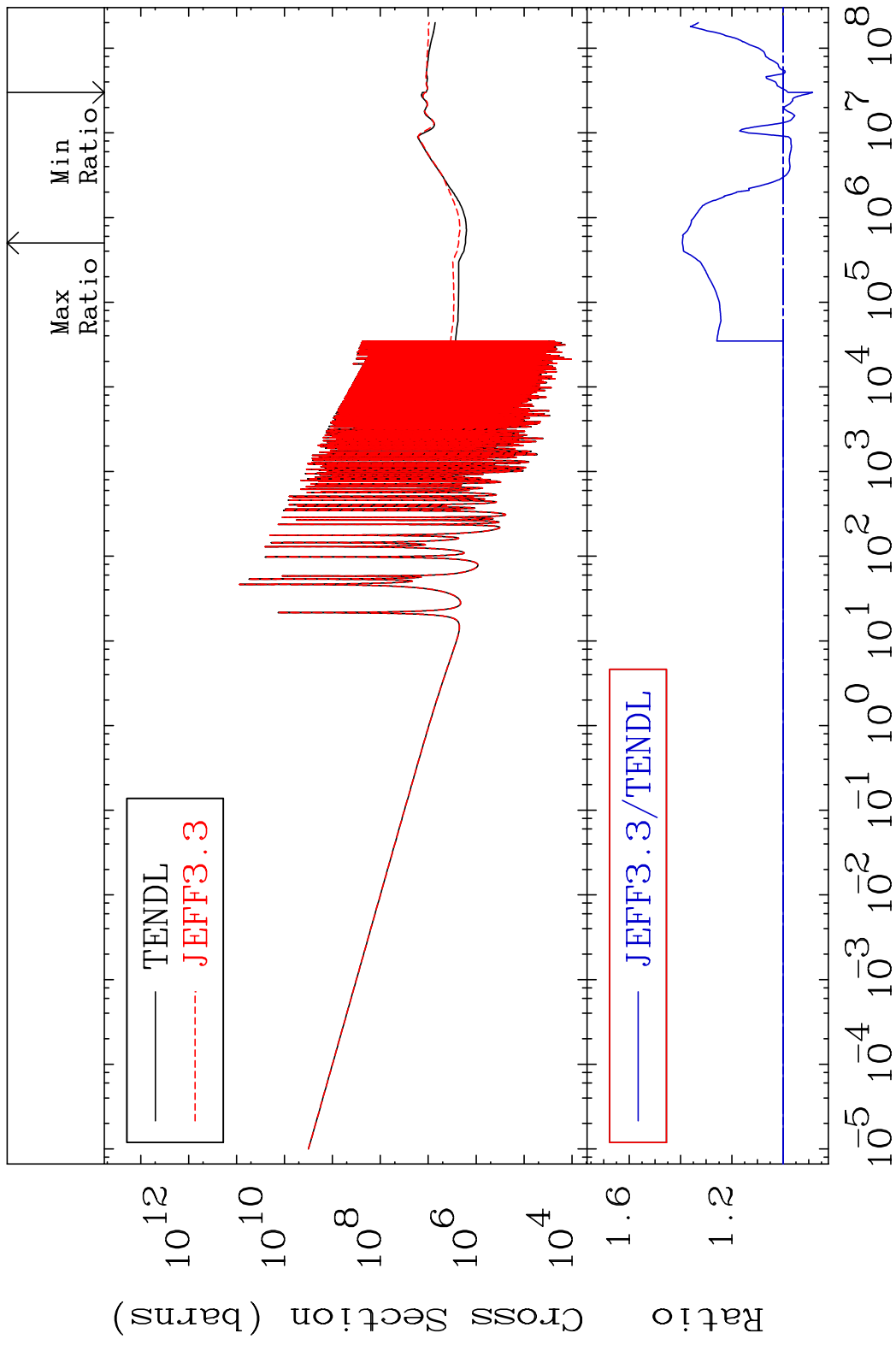


70

Incident Energy (eV)

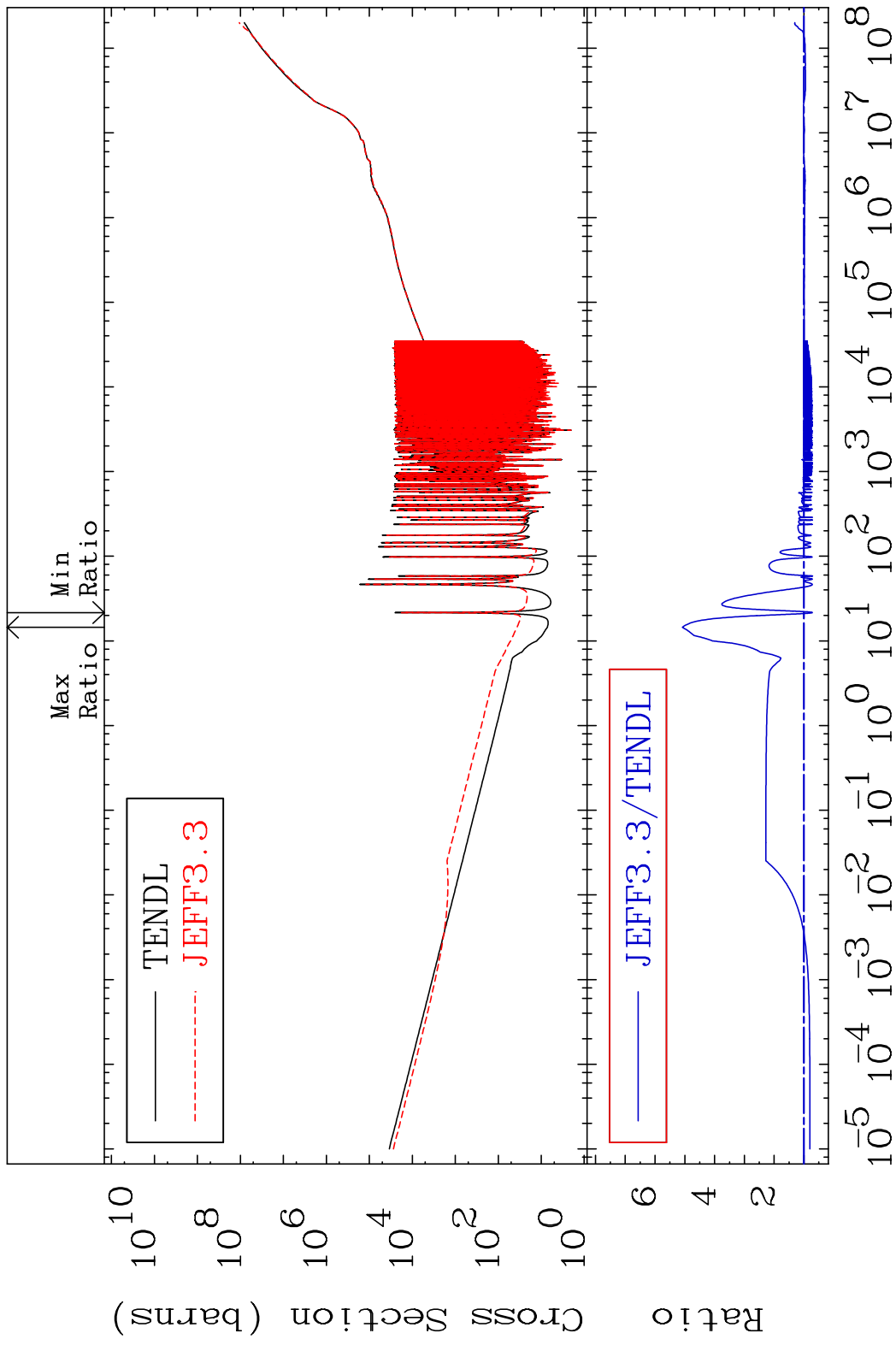
78-Pt-192

MAT 7831 Total photon (eV-barns) 78-Pt-192  
 Cross Section -11.51 To 39.30 %

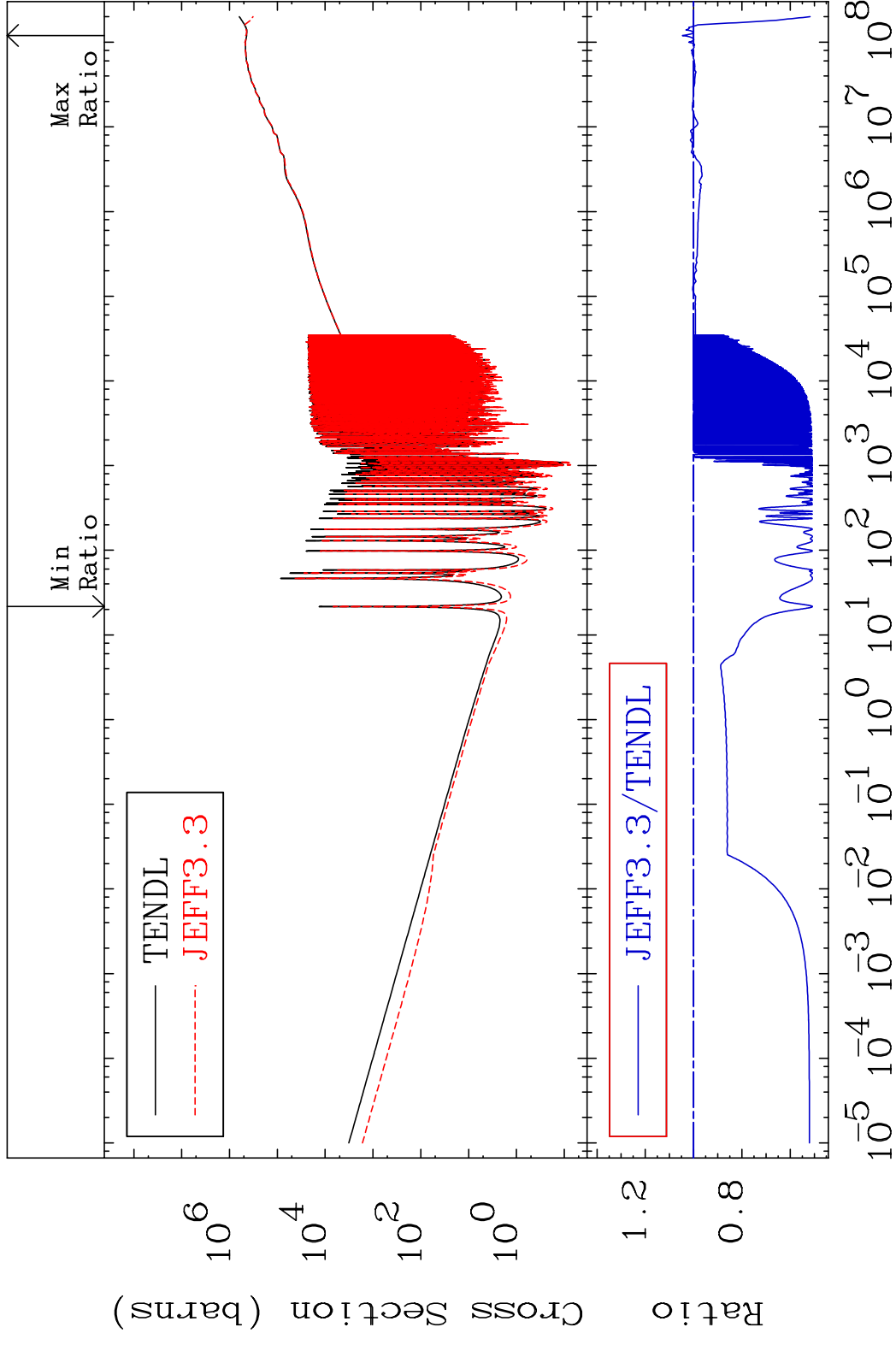




MAT 7831 Total kinematic kerma (high limit) 78-Pt-192  
 Cross Section -28.82 To 408.2 %



MAT 7831      Dpa total (eV-barns)      78-Pt-192  
 Cross Section      -49.27 To 4.652 %



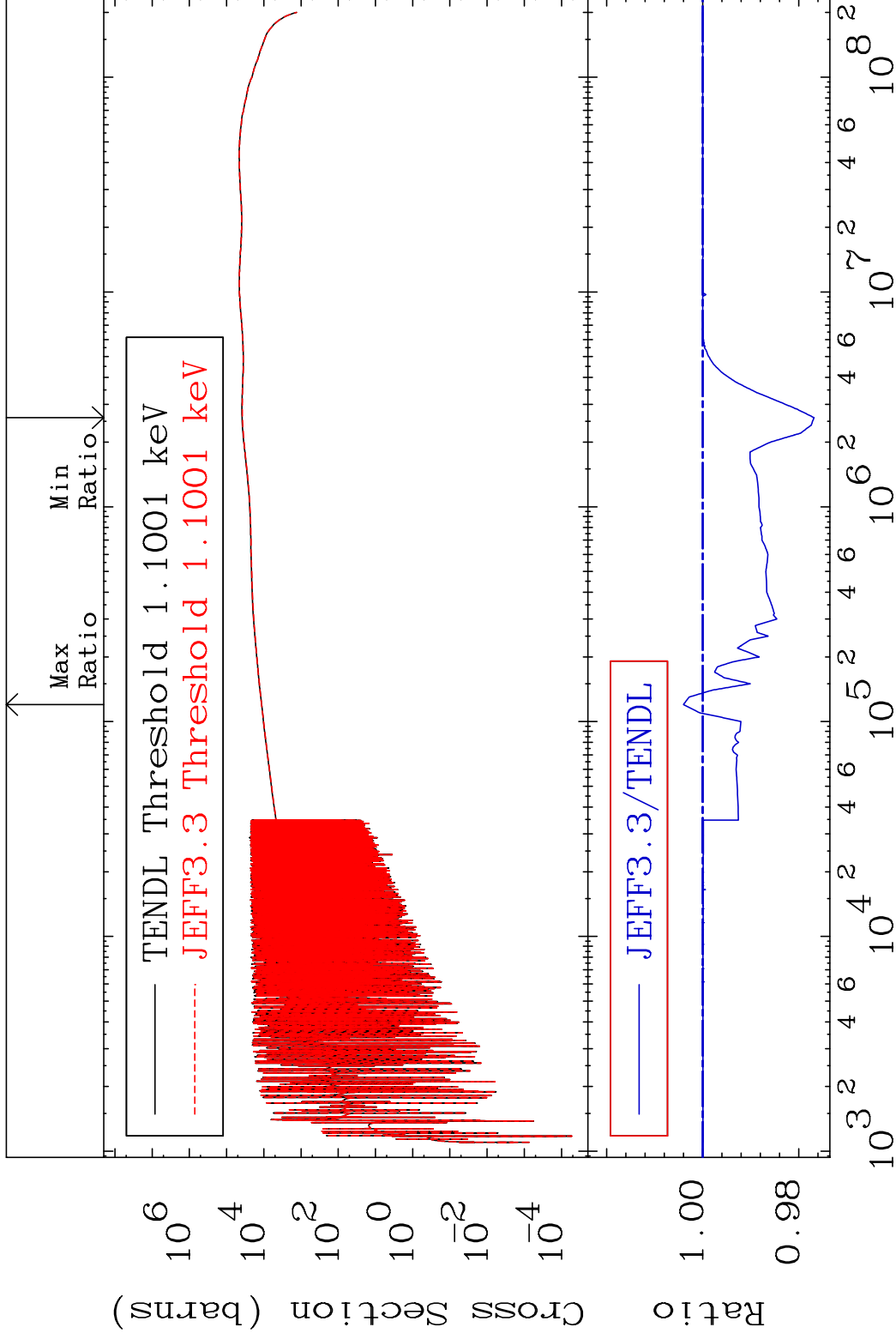
73      Incident Energy (eV)      78-Pt-192

MAT 7831

Dpa elastic (mt2)

78-Pt-192

Cross Section -2.317 To 0.401 %

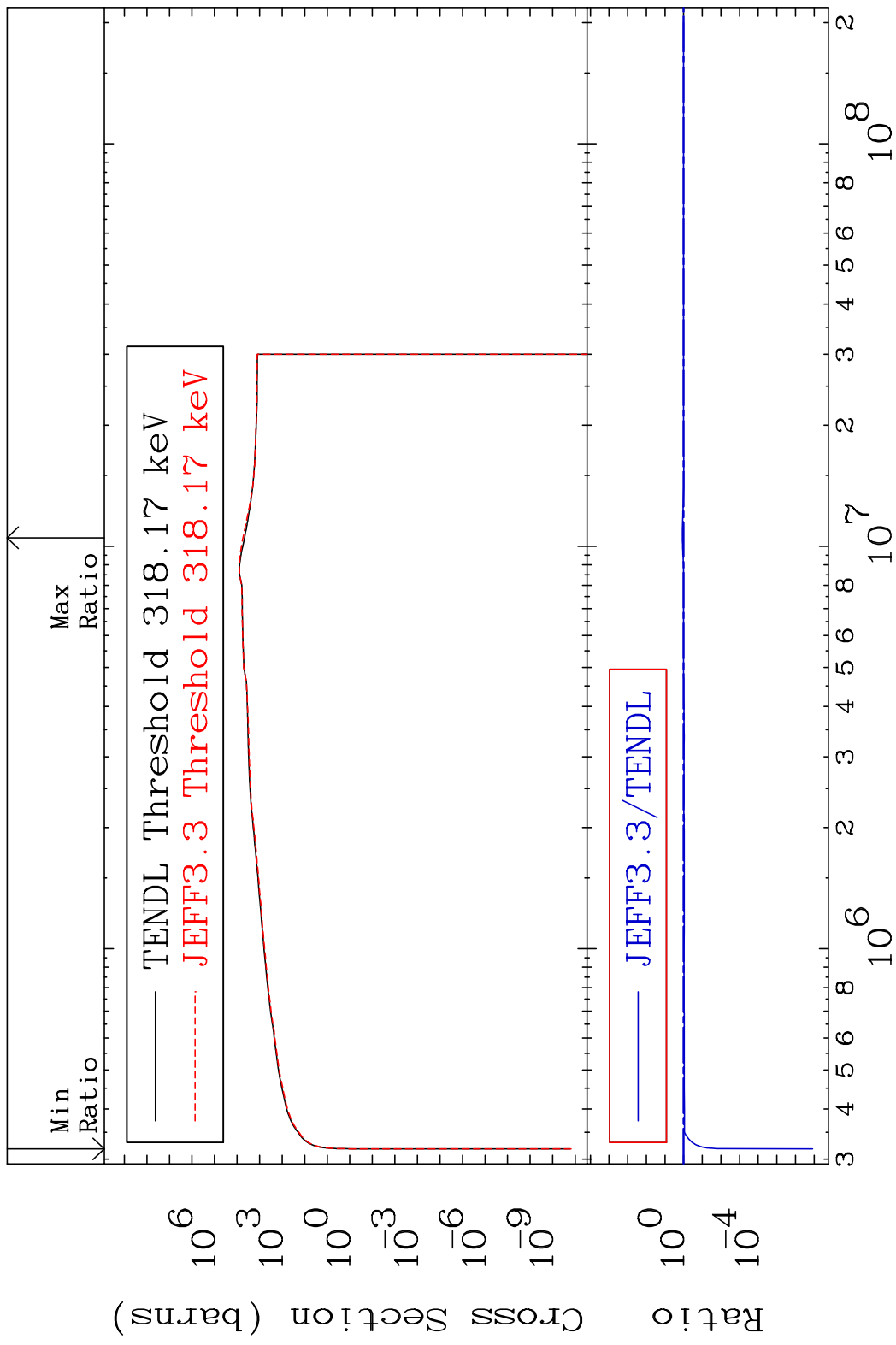


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Incident Energy (eV)

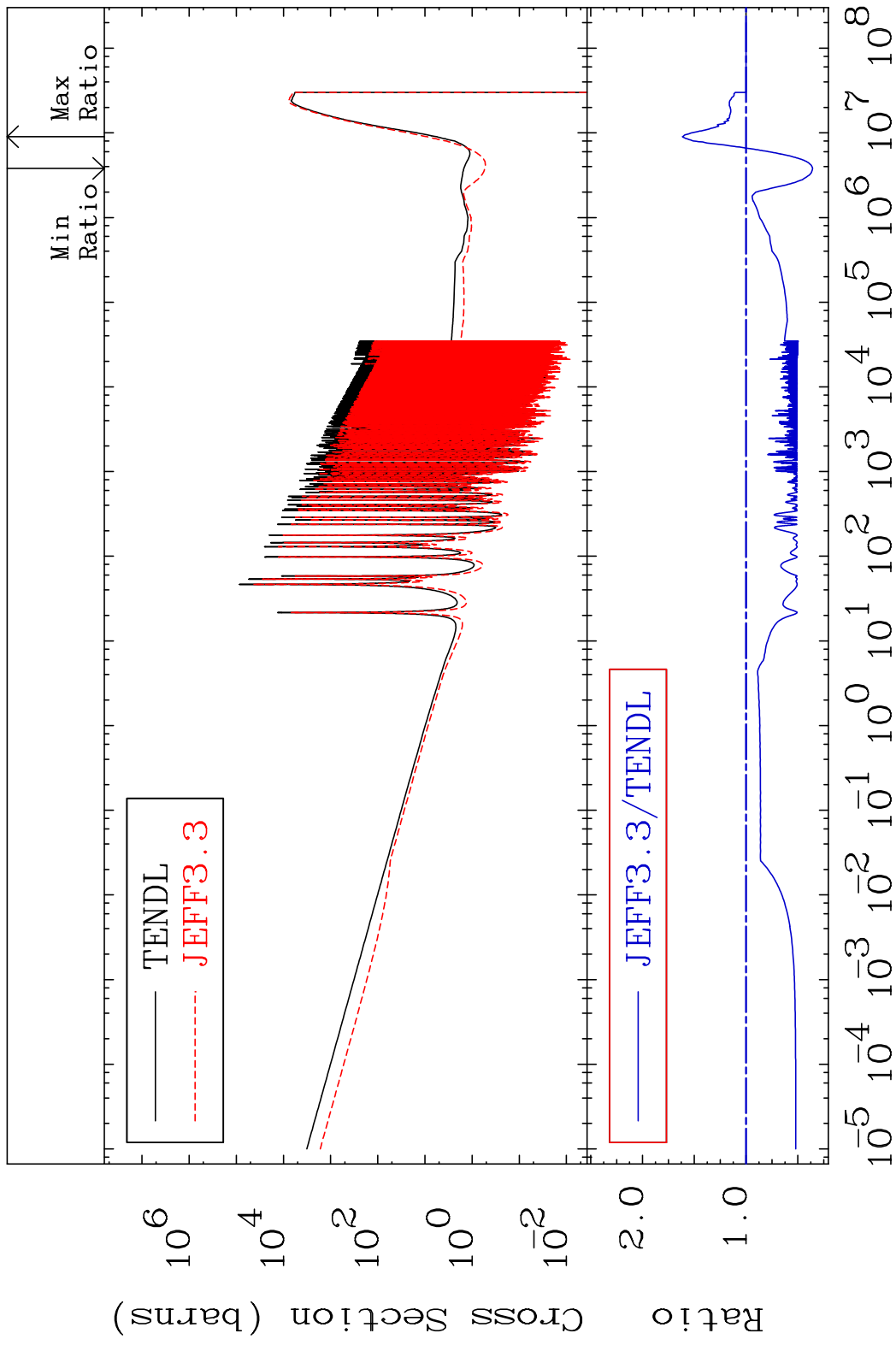
78-Pt-192

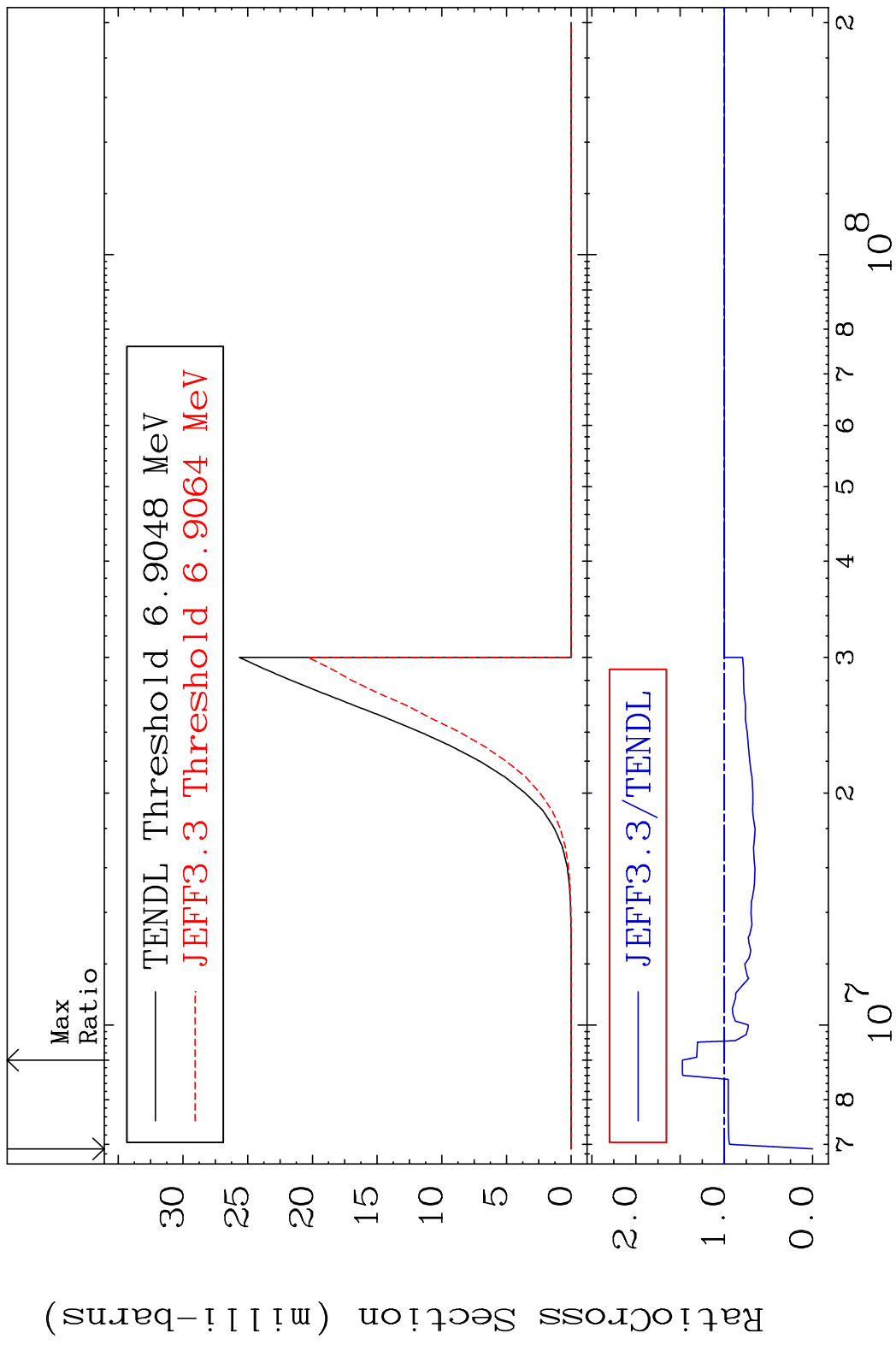
MAT 7831 Dpa inelastic (mt51-91) 78-Pt-192  
 Cross Section -100.0 To 17.22 %



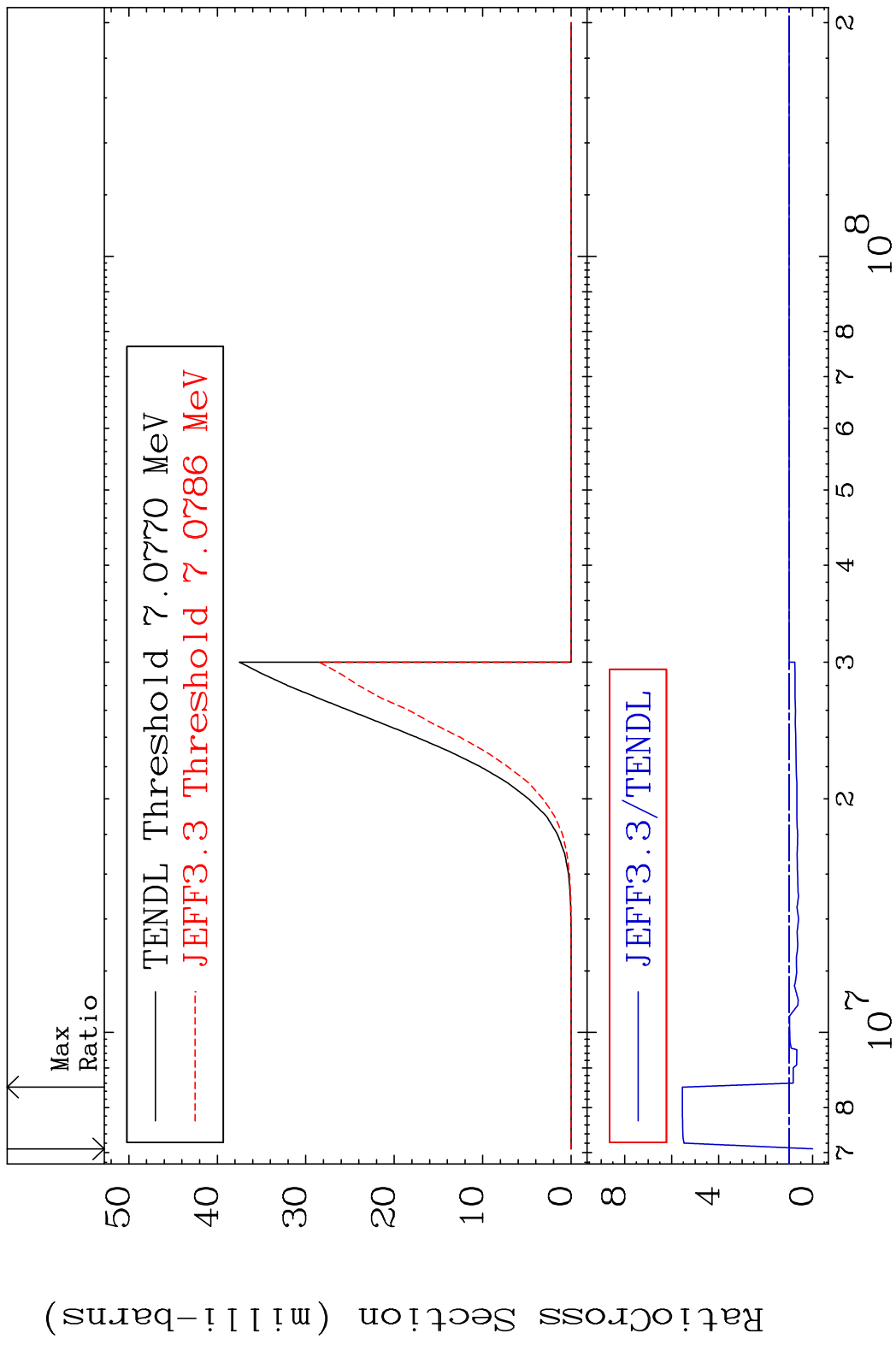
75 Incident Energy (eV) 78-Pt-192

MAT 7831 Dpa disappearance (mt102 -120) 78-Pt-192  
 Cross Section -64.20 To 61.53 %



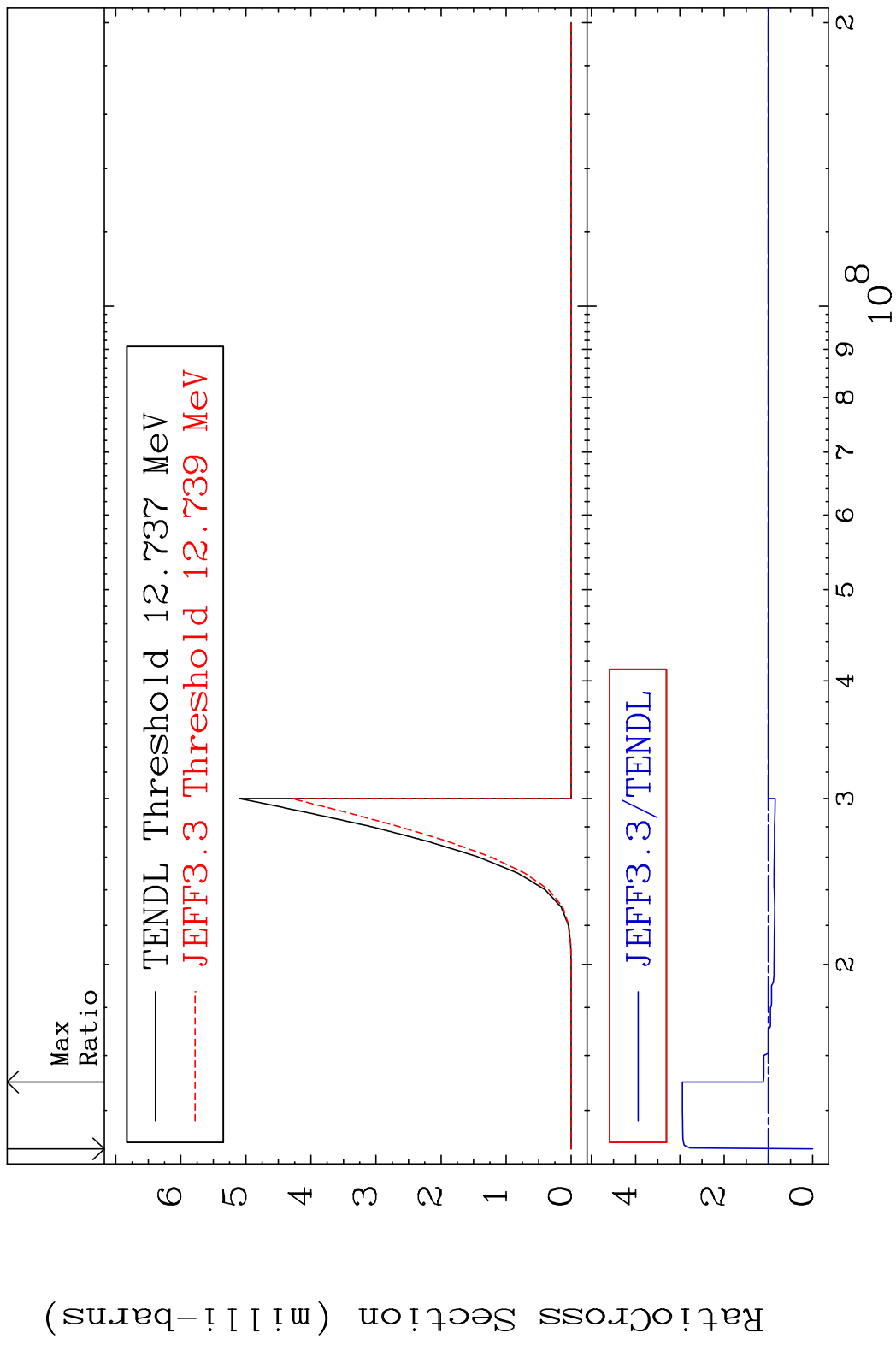


MAT 7831 (n, n') p:77-Ir-191m3 78-Pt-192  
 Radionuclide Production Cross Section 454.4 %

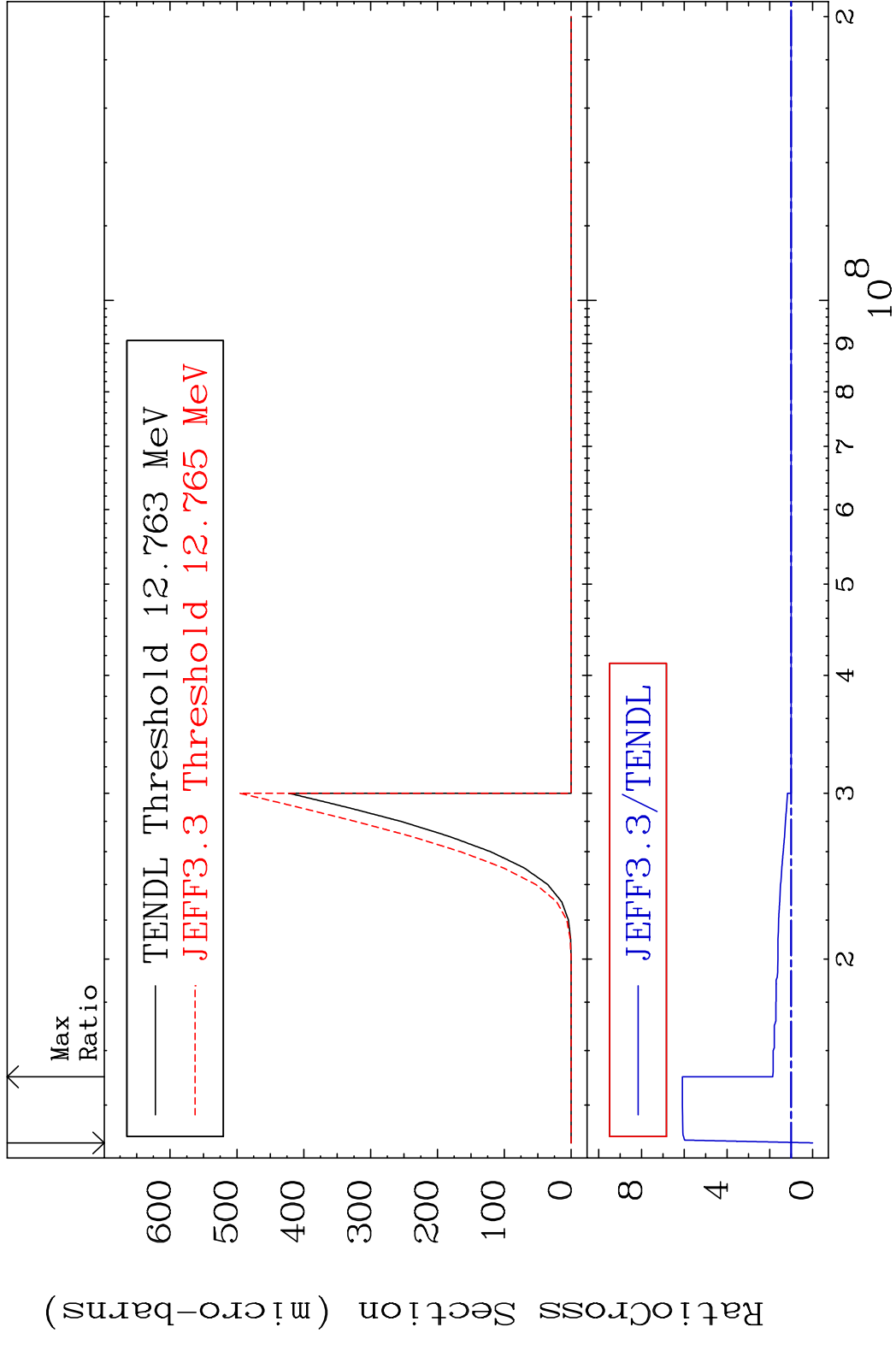


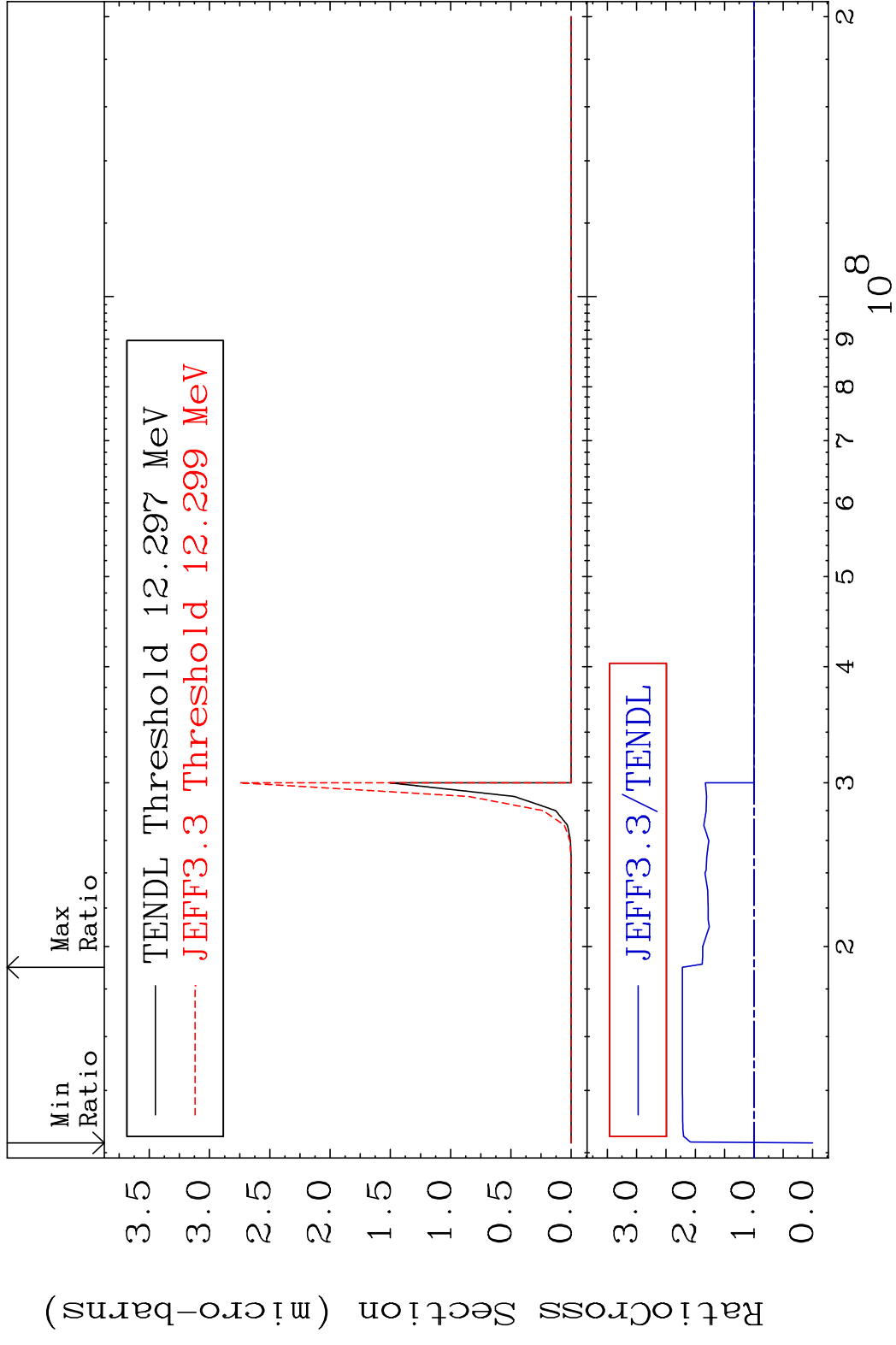
78 Incident Energy (eV) 78-Pt-192

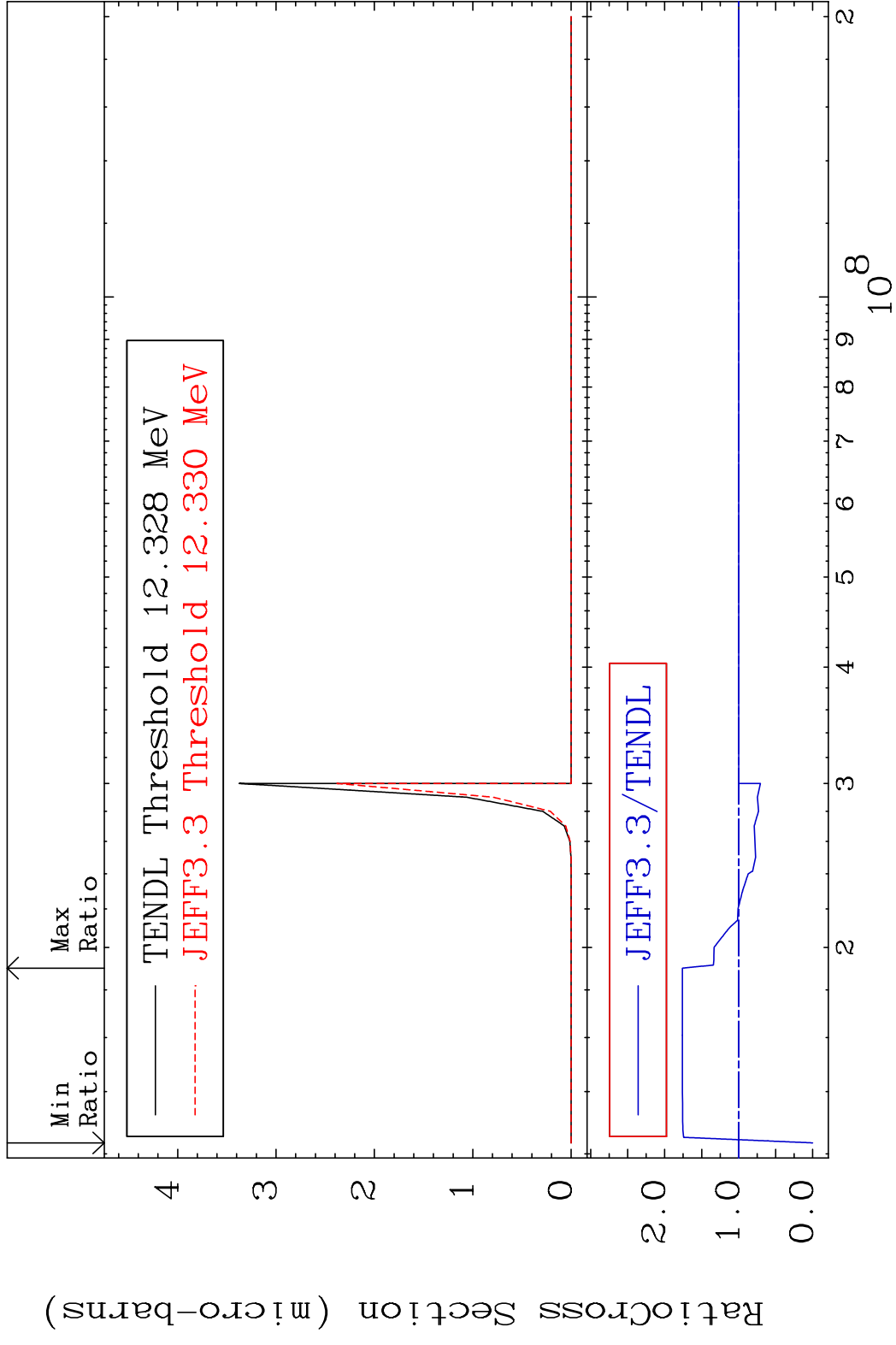
MAT 7831 (n, n') d:77-Ir-190g 78-Pt-192  
 Radionuclide Production Cross Section 180.0 dno 194.3 %

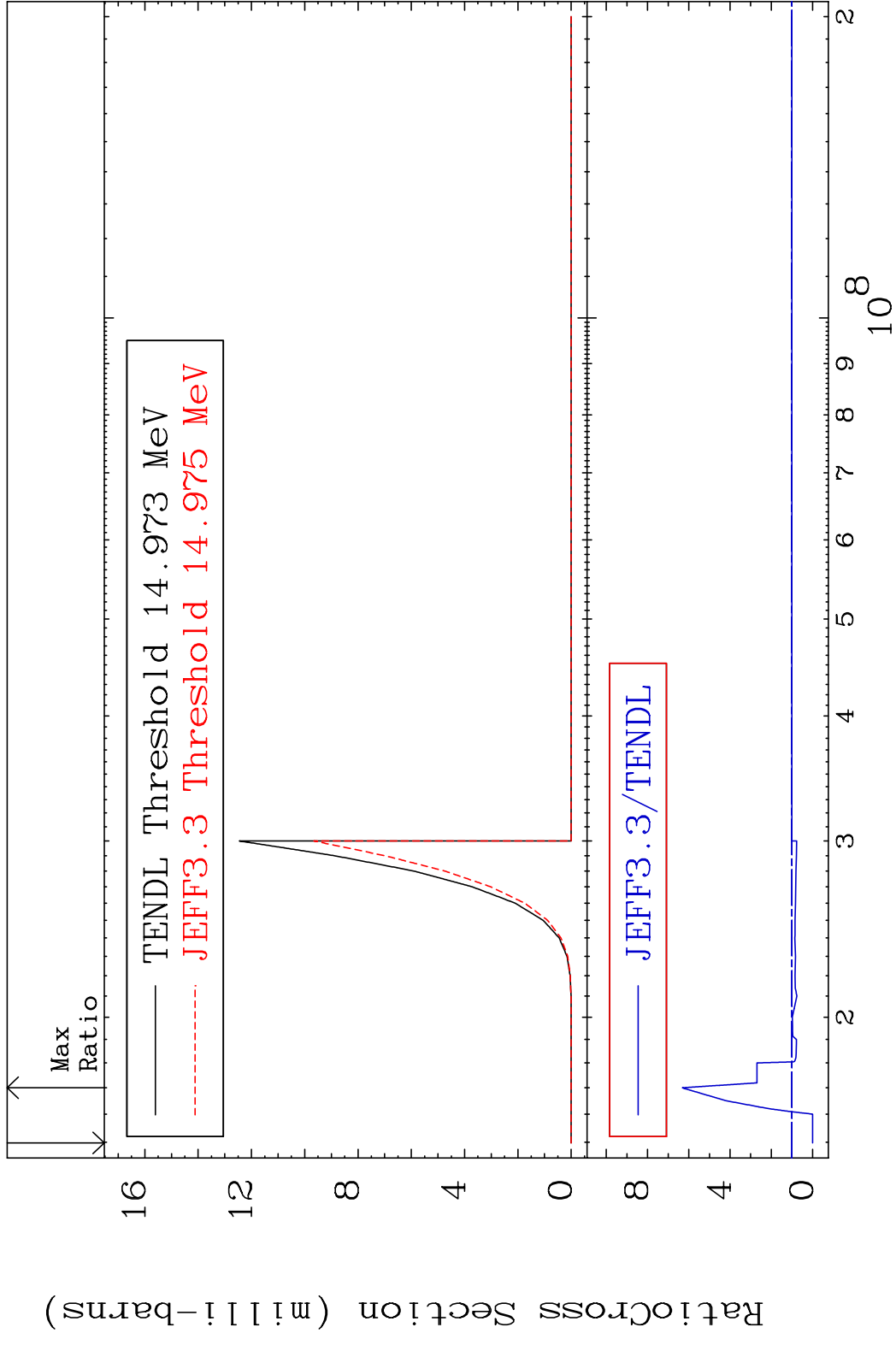


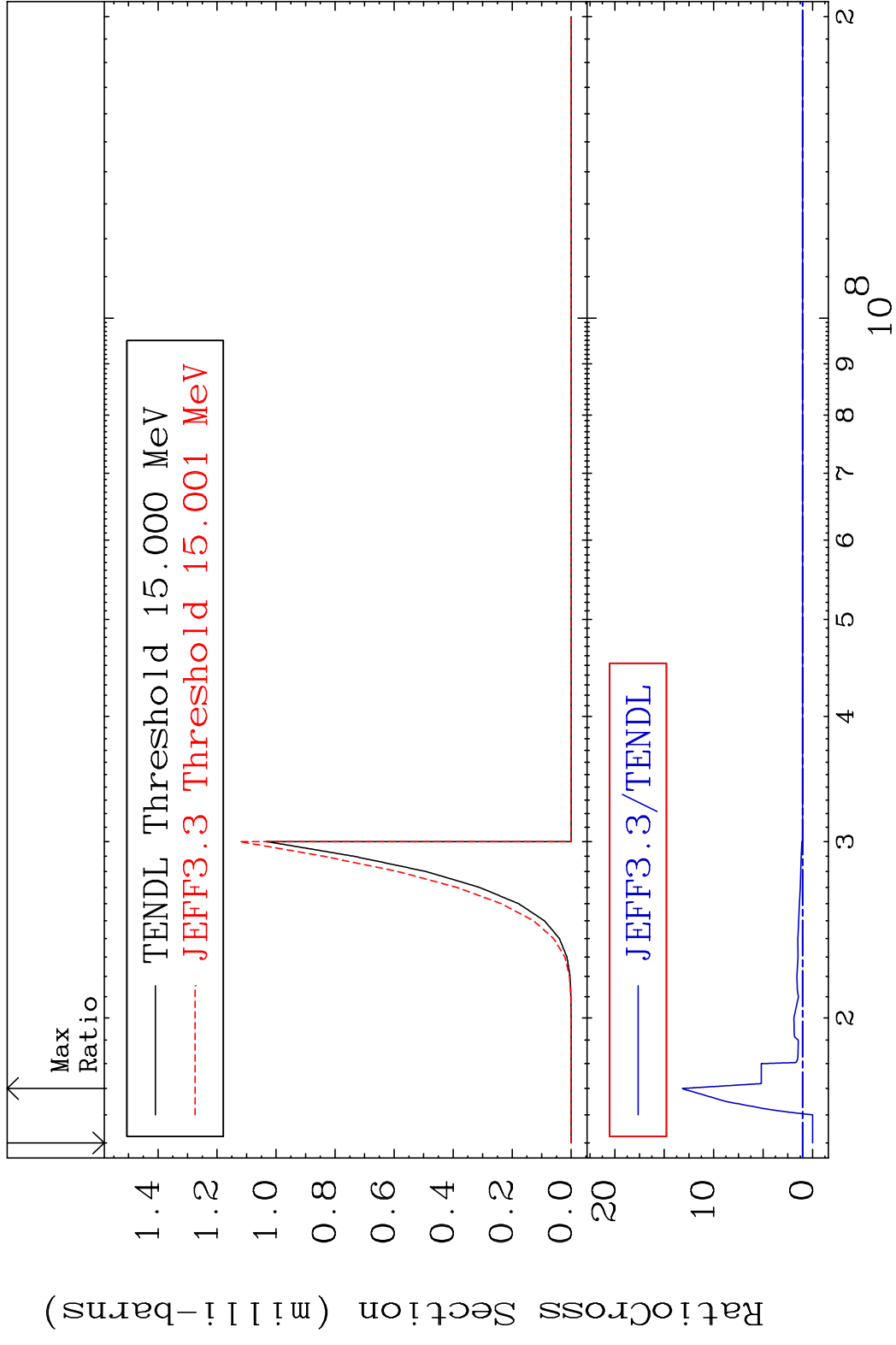


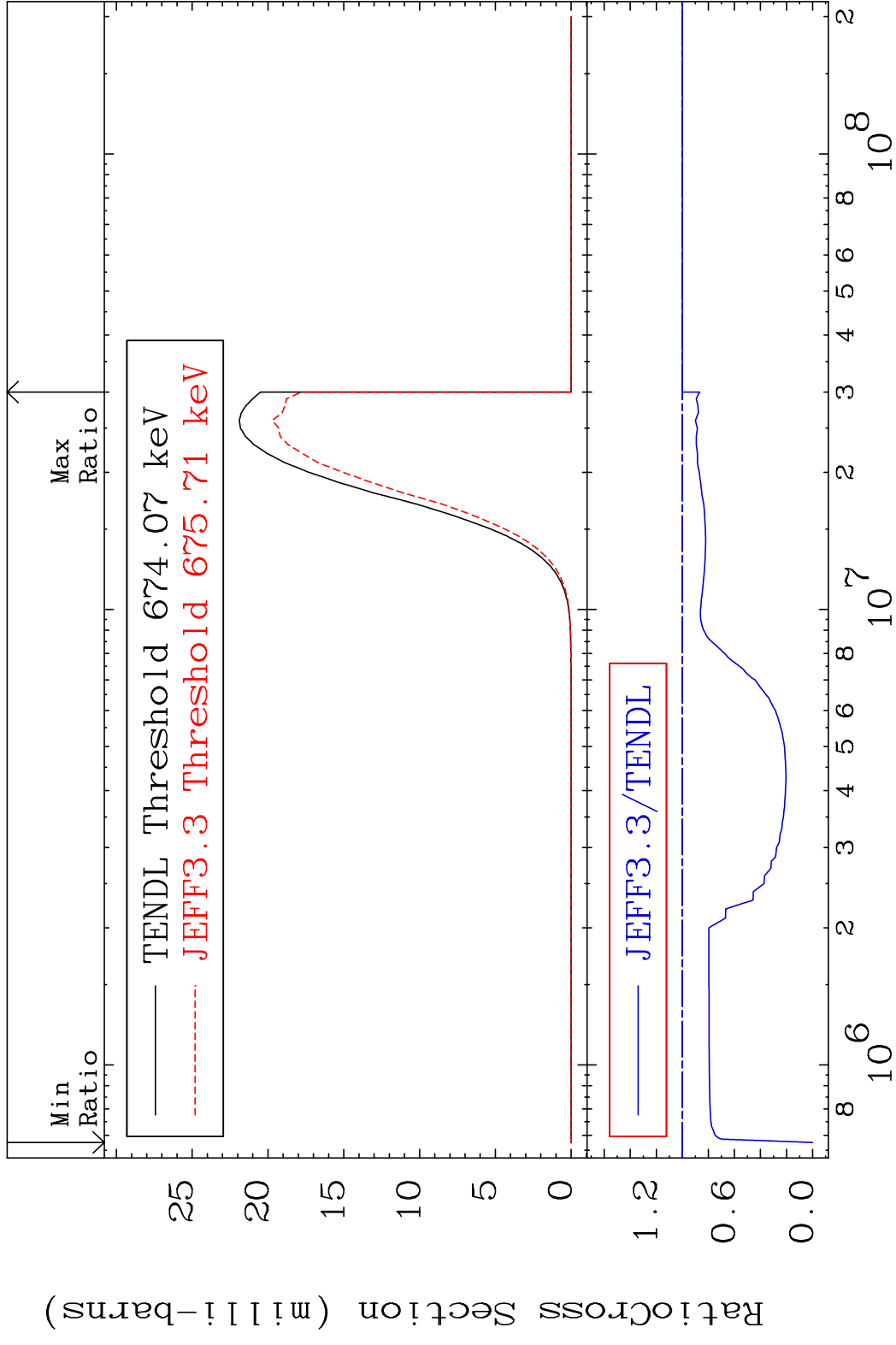


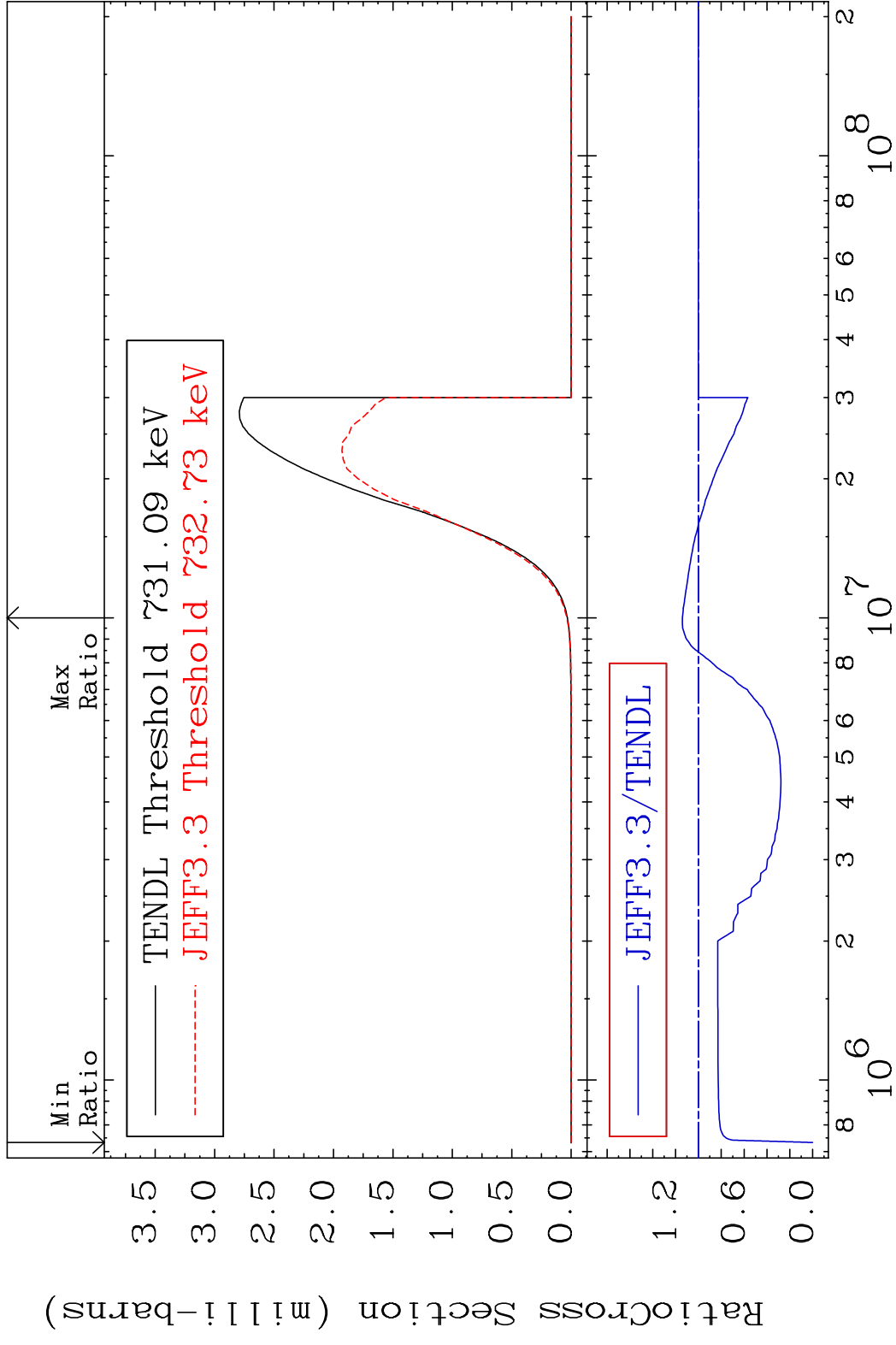




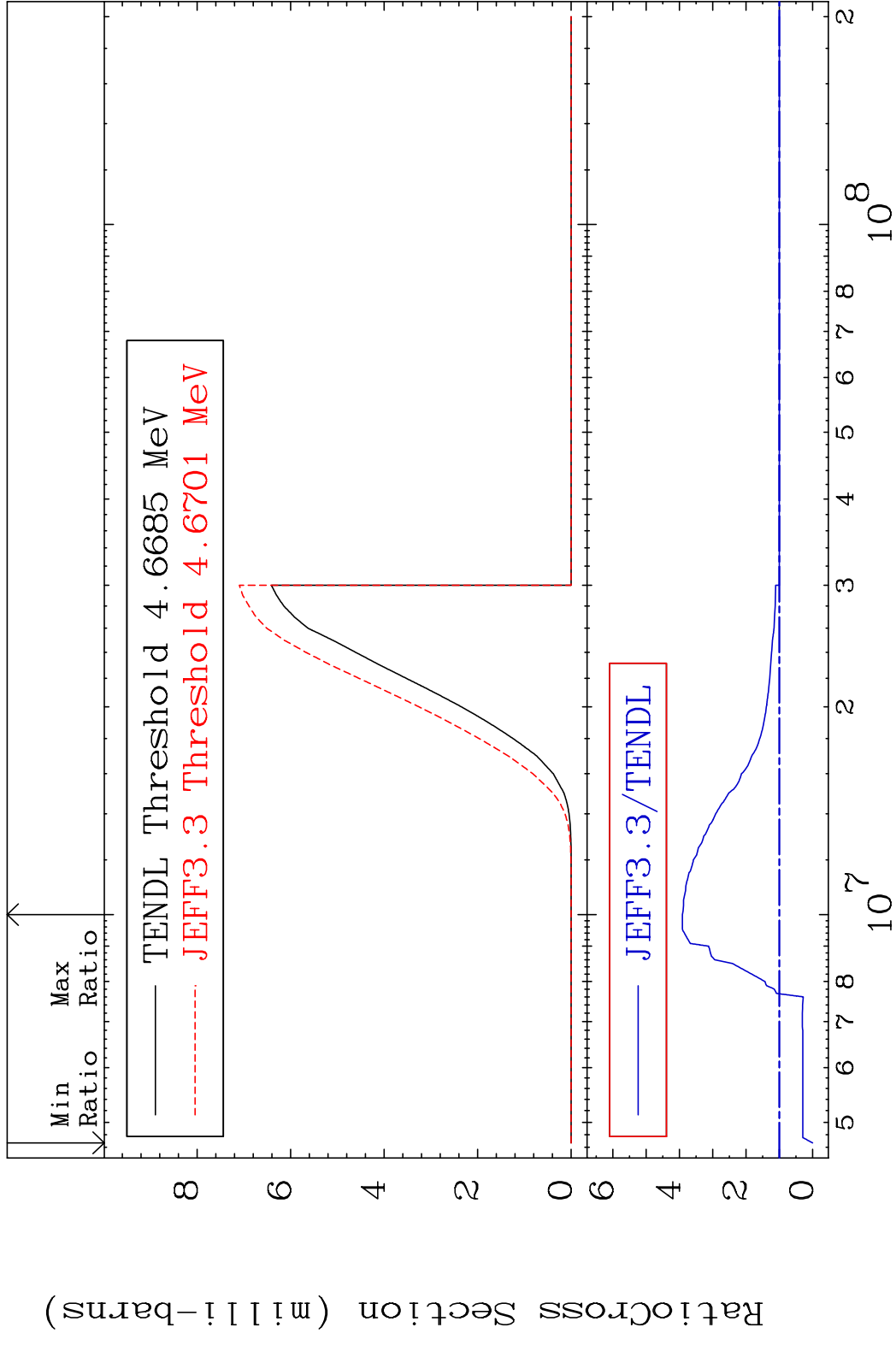






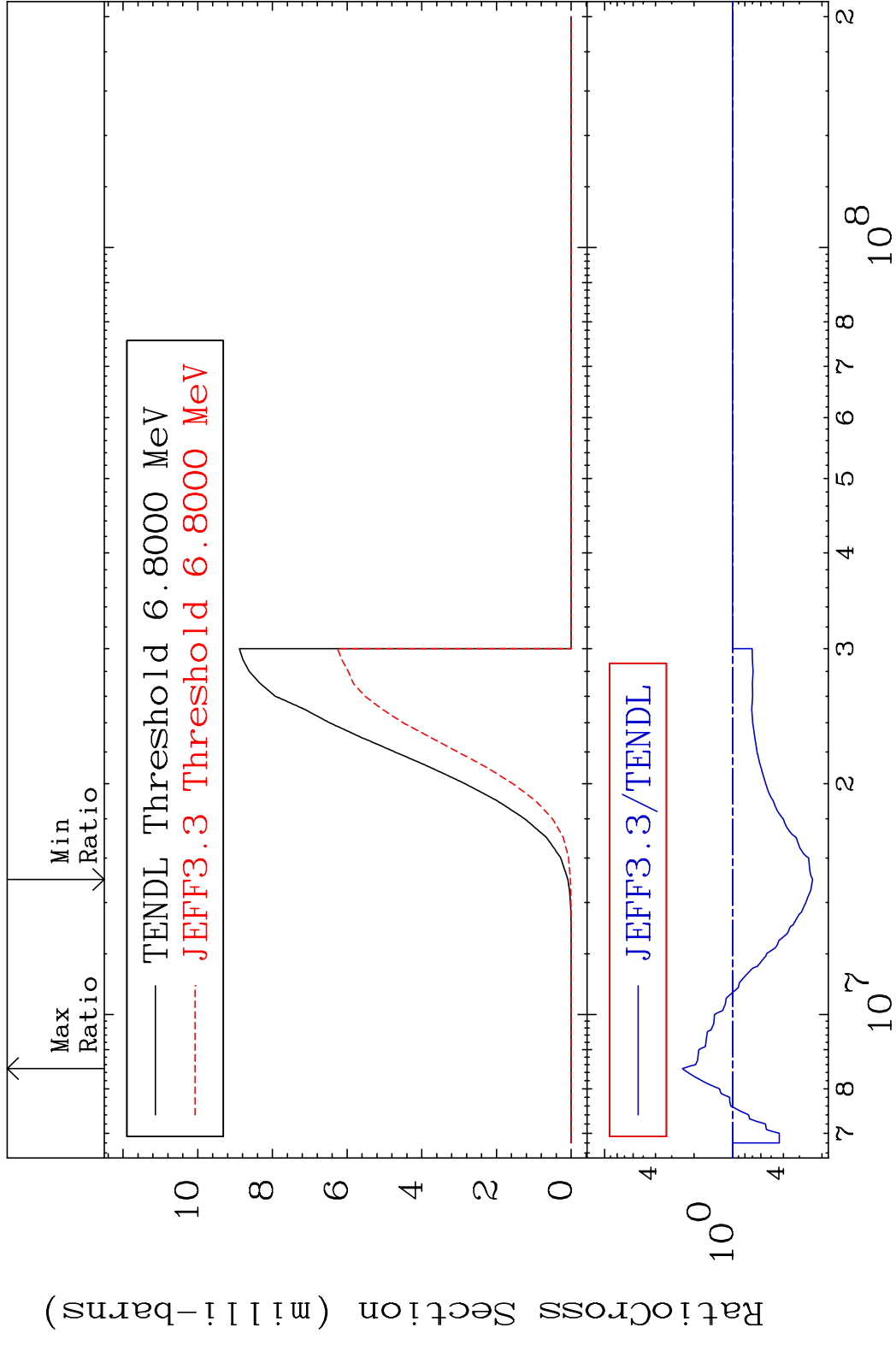


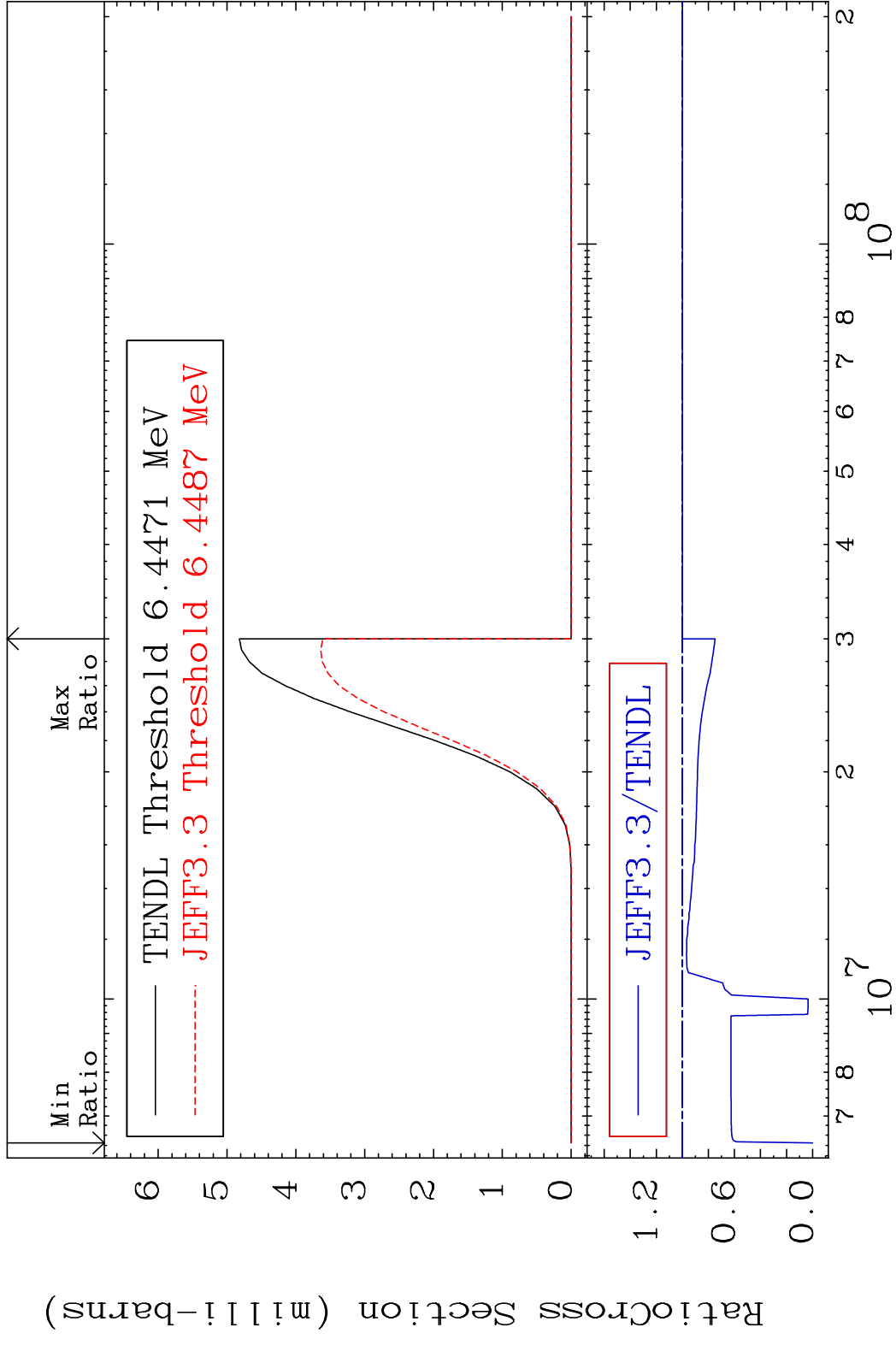
MAT 7831 (n,d):77-Ir-191g 78-Pt-192  
 Radionuclide Production Cross Section 180.01 dth 291.1 %



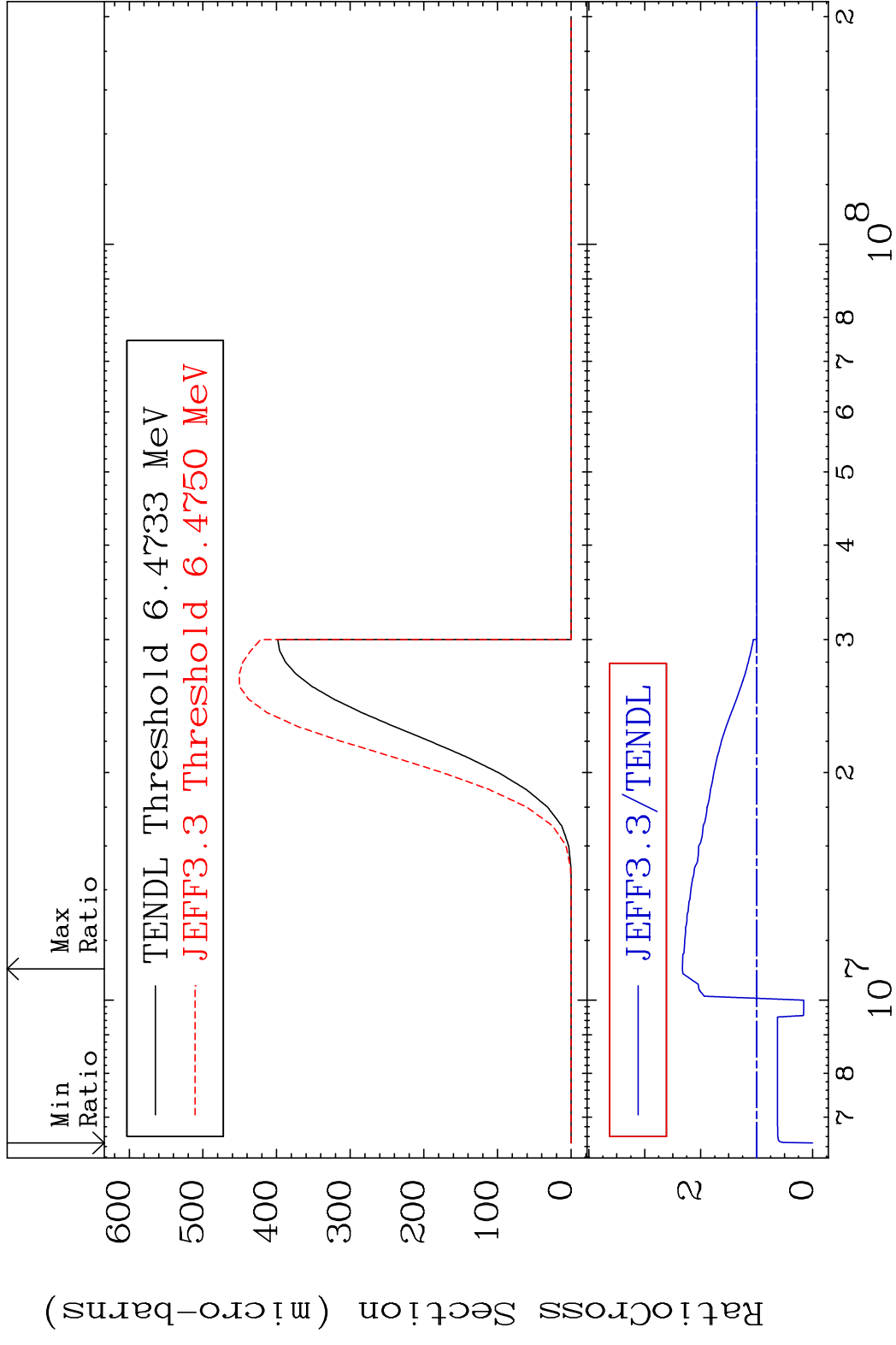


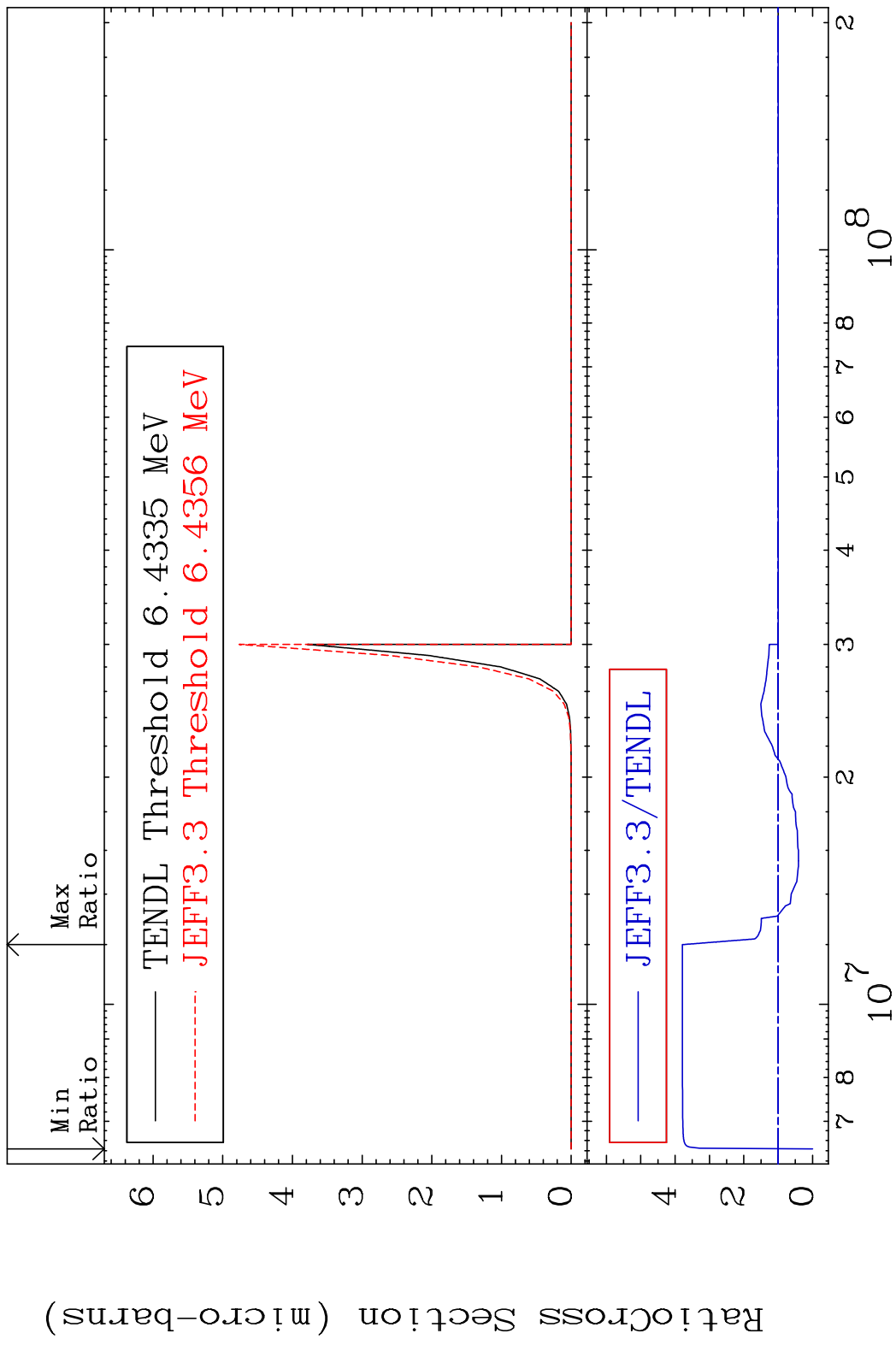
MAT 7831 (n,d):77-Ir-191m3 78-Pt-192  
 Radionuclide Production Cross Section 78Pt192 147.0 %

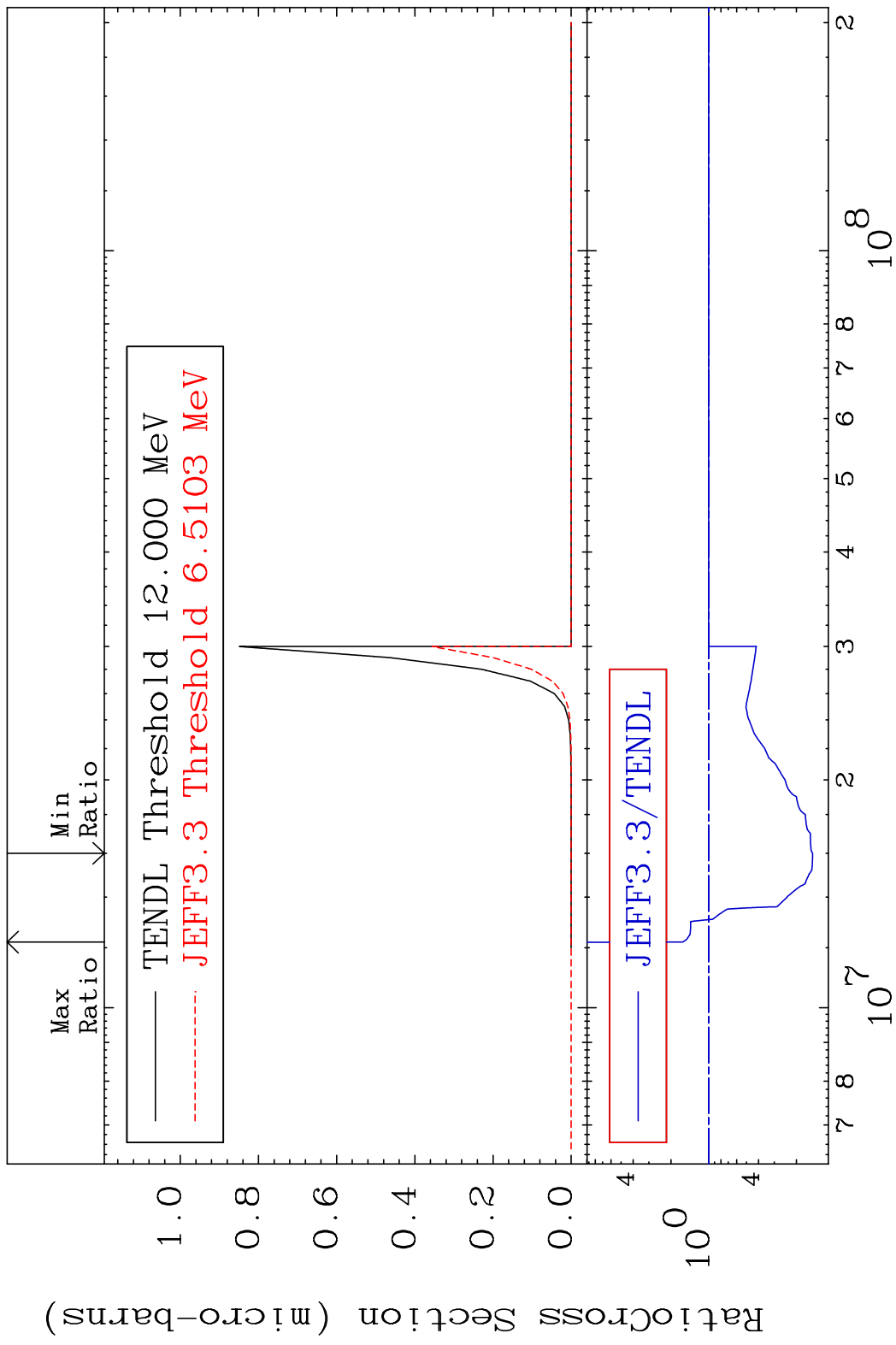




MAT 7831 (n, t): 77-Ir-190m2 78-Pt-192  
 Radionuclide Production Cross Section 132.8 %







MAT 7831 (n,p) t:76-0s-189g 78-Pt-192  
 Radionuclide Production Cross Section Ratio 27.15 %

