

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

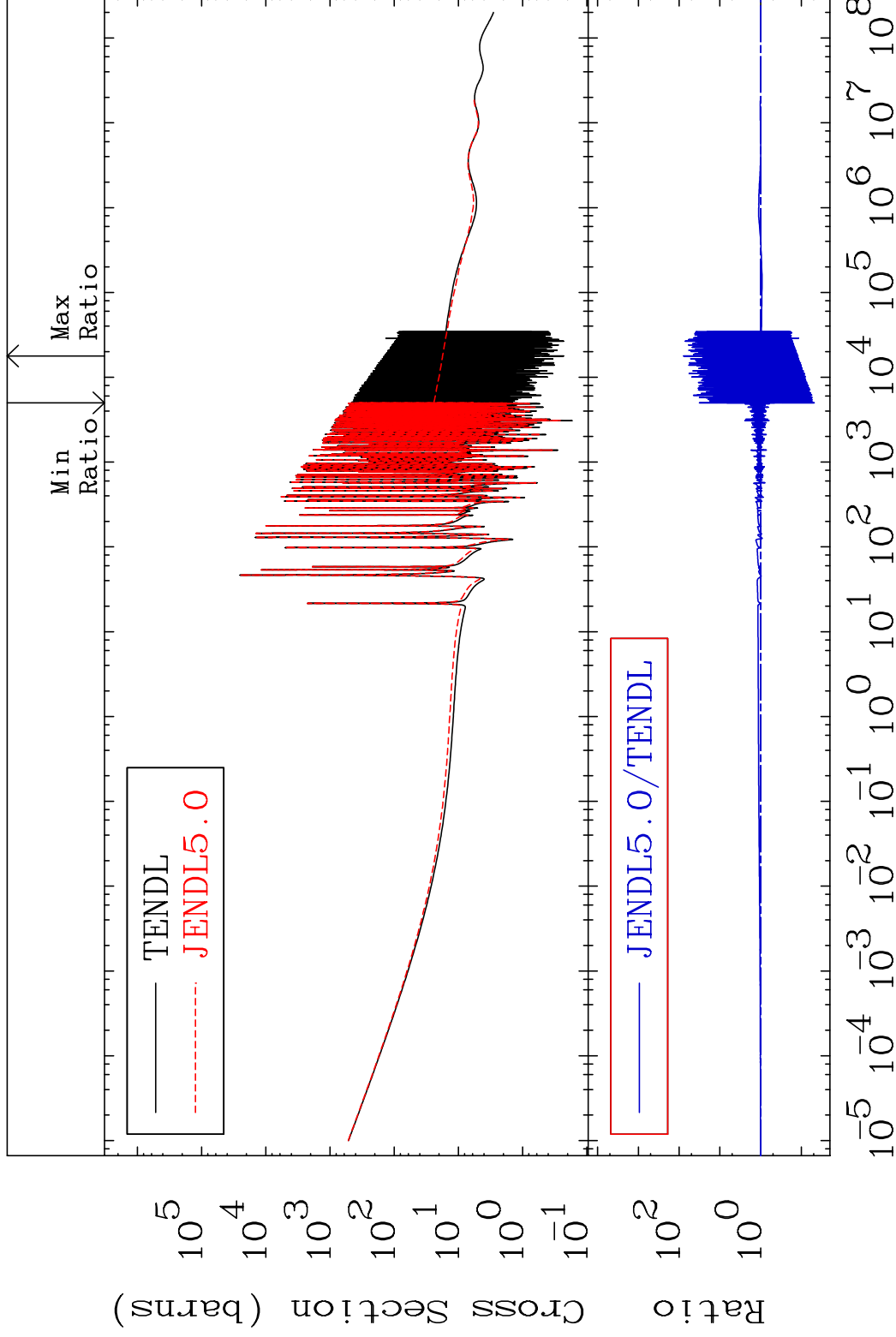
MAT 7831

Total

78-Pt-192

Cross Section

-95.12 To 7640. %



1

Incident Energy (eV)

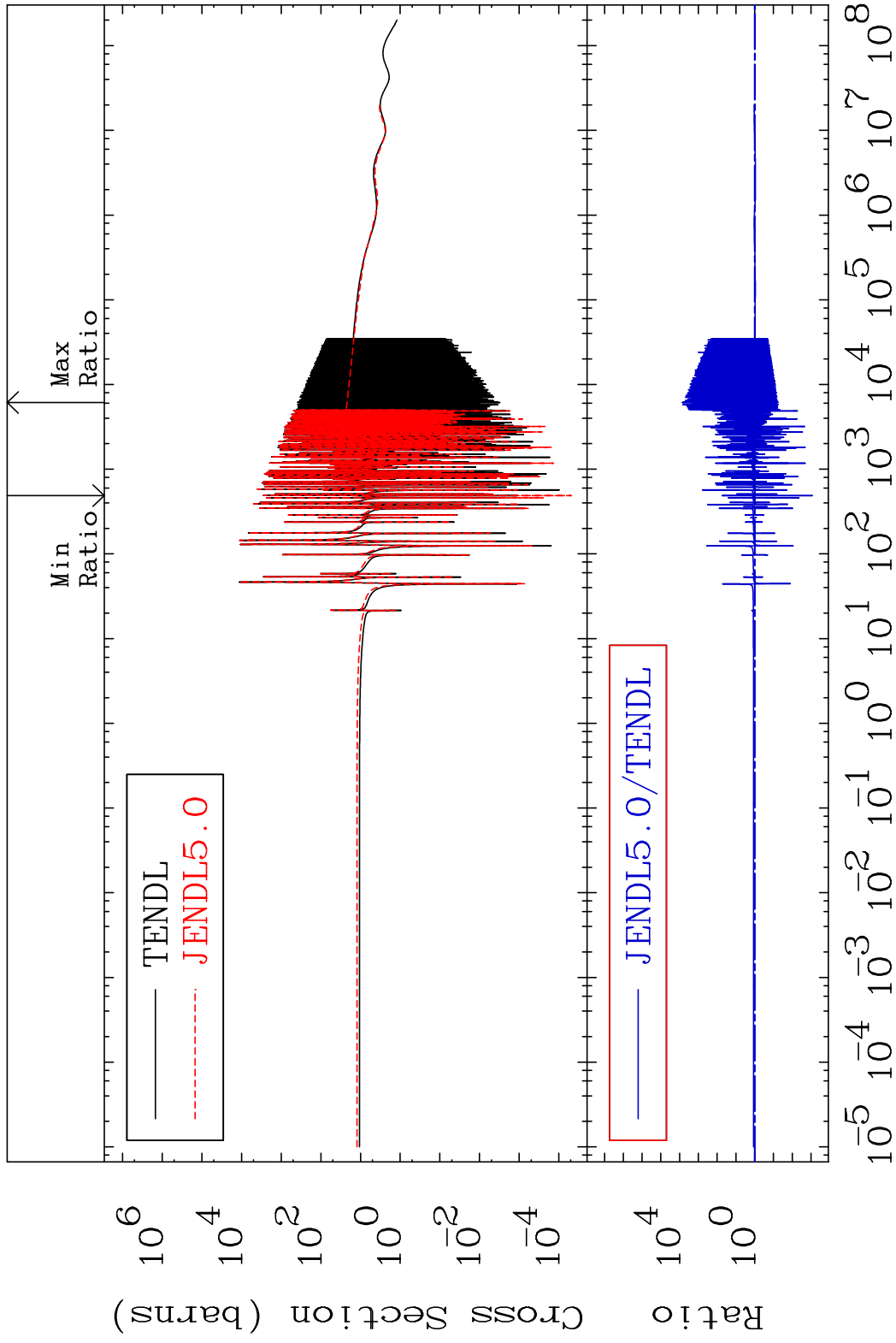
78-Pt-192

MAT 7831

Elastic

78-Pt-192

Cross Section -99.92 To 9999. %



2

Incident Energy (eV)

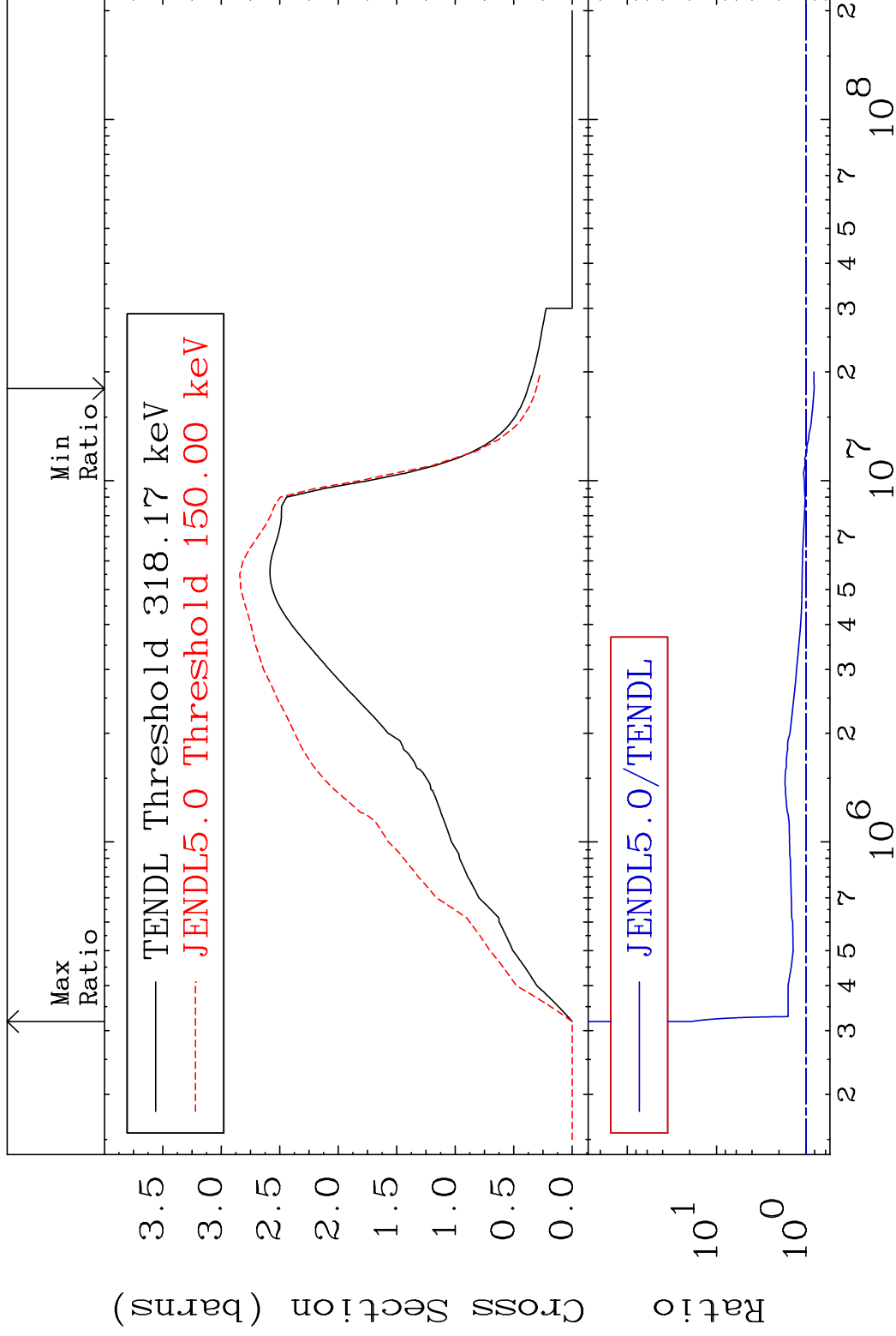
78-Pt-192

MAT 7831

Inelastic

78-Pt-192

Cross Section -19.17 To 2234. %



3

Incident Energy (eV)

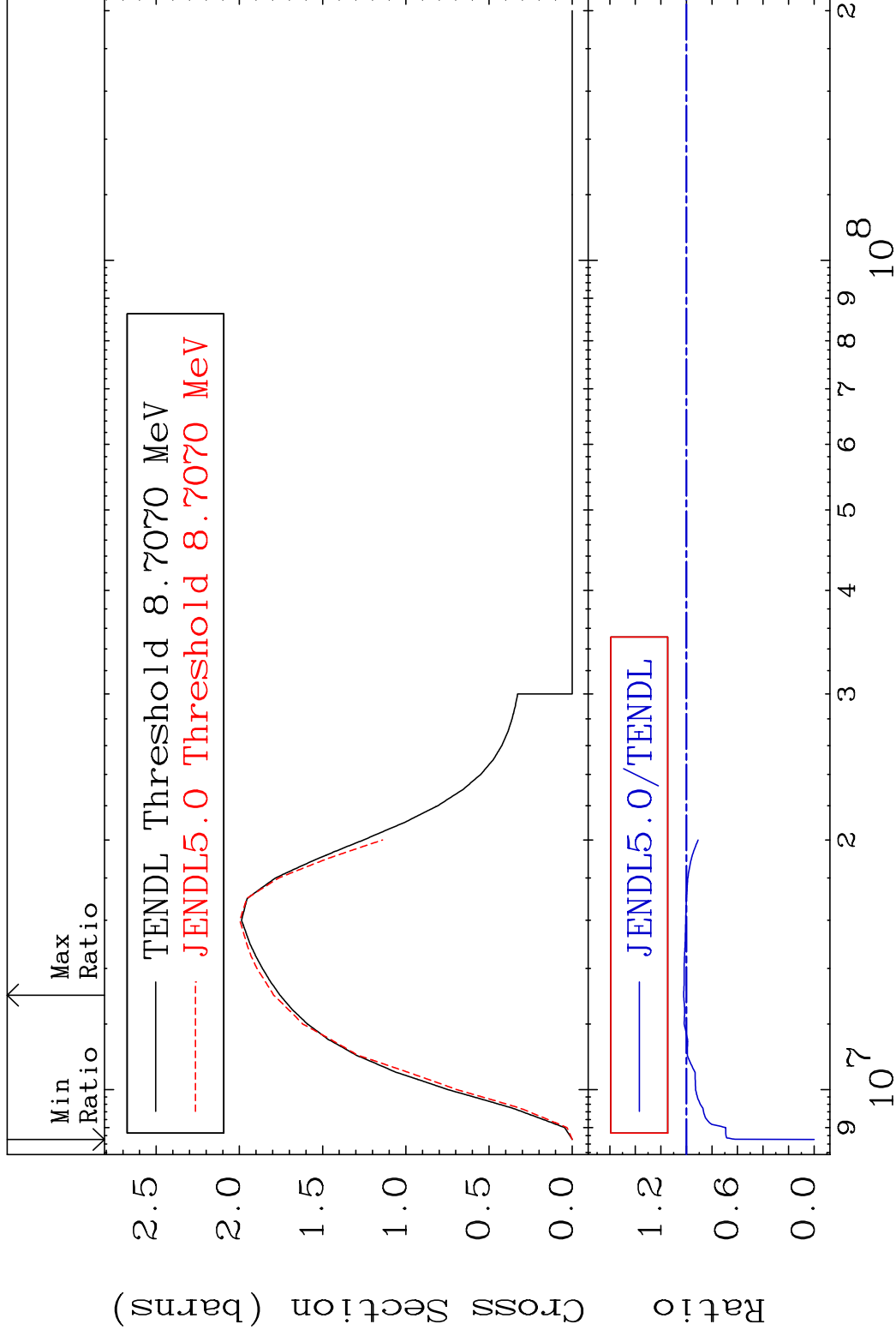
78-Pt-192

MAT 7831

(n,2n)

78-Pt-192

Cross Section -100.0 To 2.149 %



4

Incident Energy (eV)

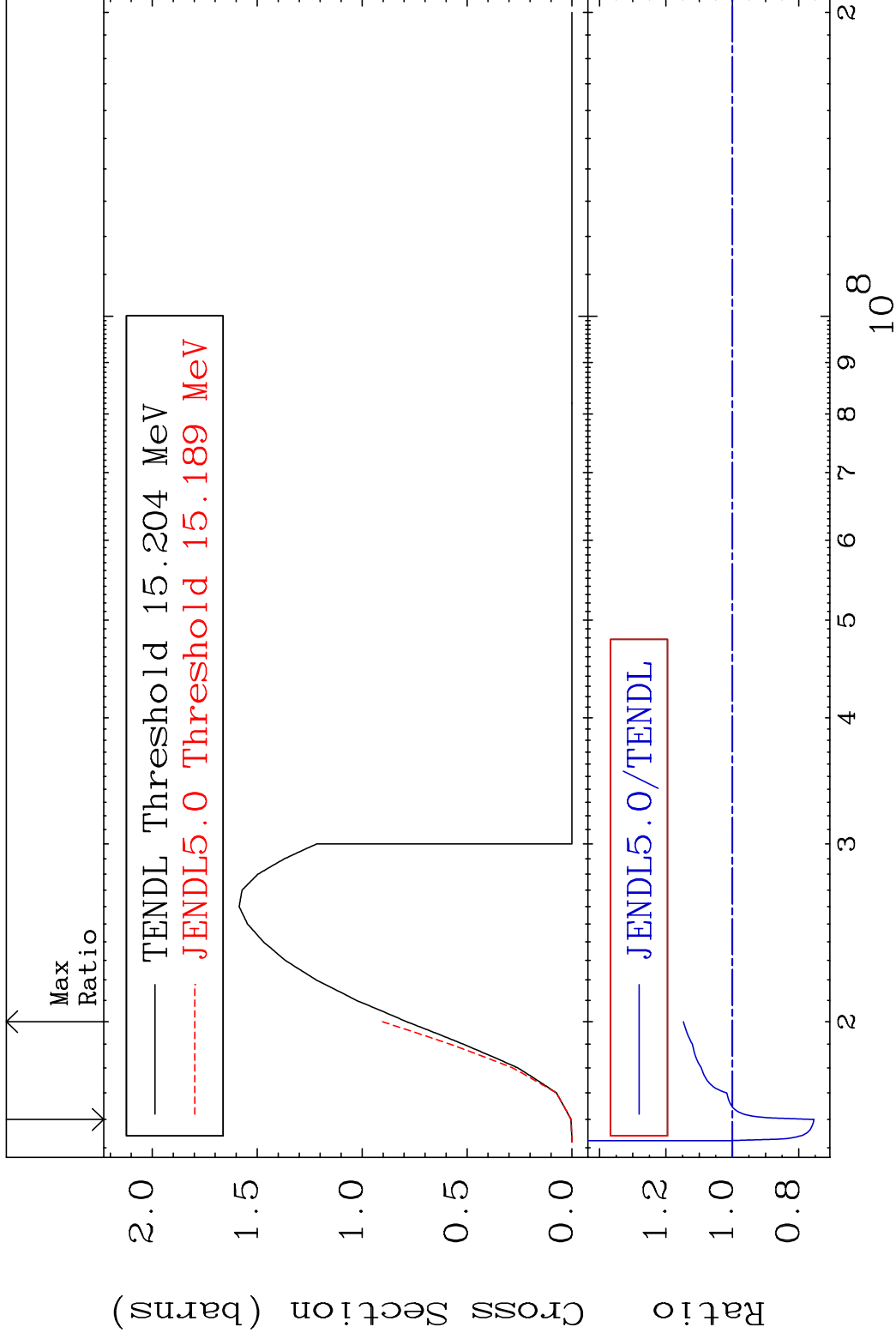
78-Pt-192

MAT 7831

(n,3n)

78-Pt-192

Cross Section -24.61 To 14.74 %



5

Incident Energy (eV)

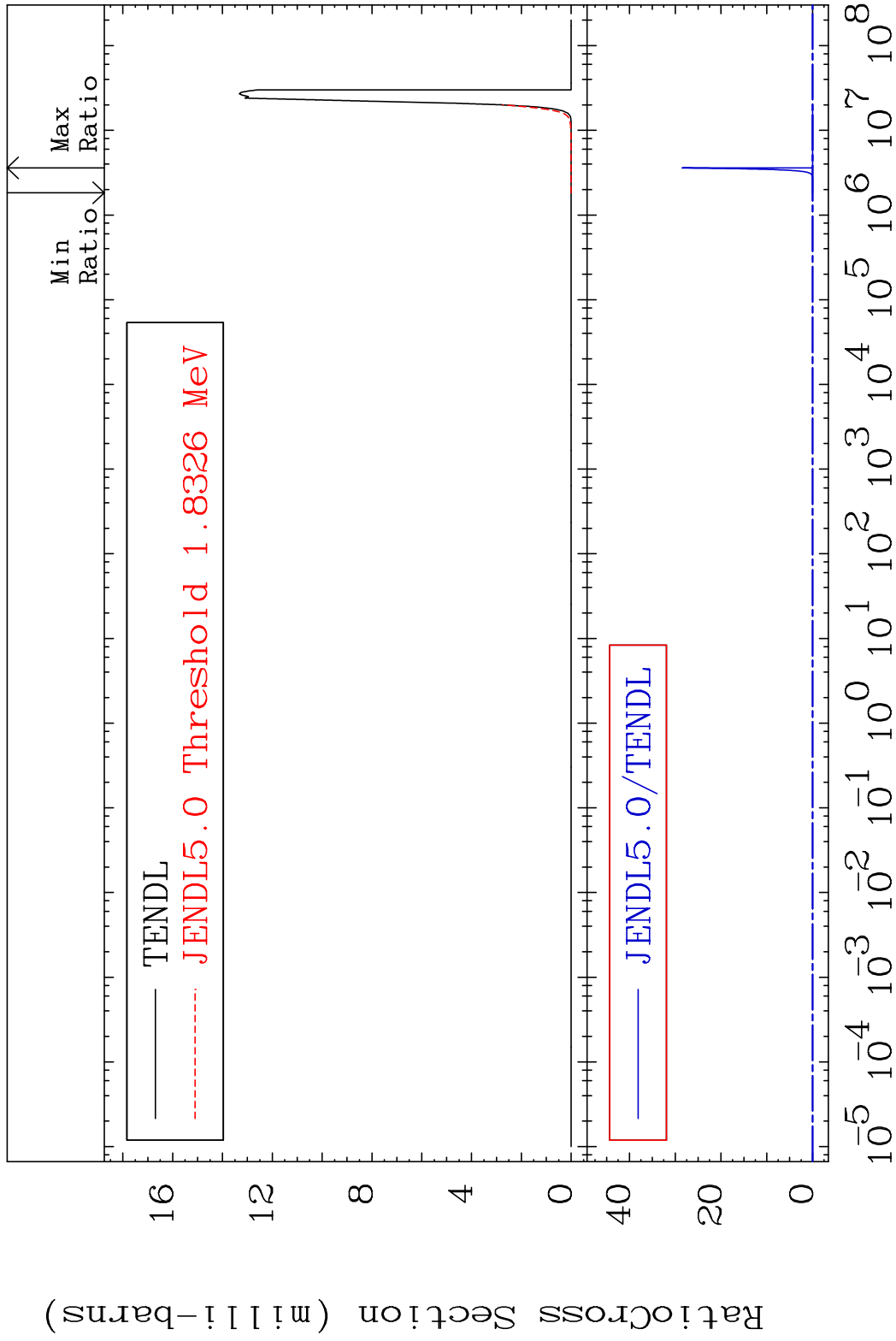
78-Pt-192

MAT 7831

(n, n')  $\alpha$

78-Pt-192

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

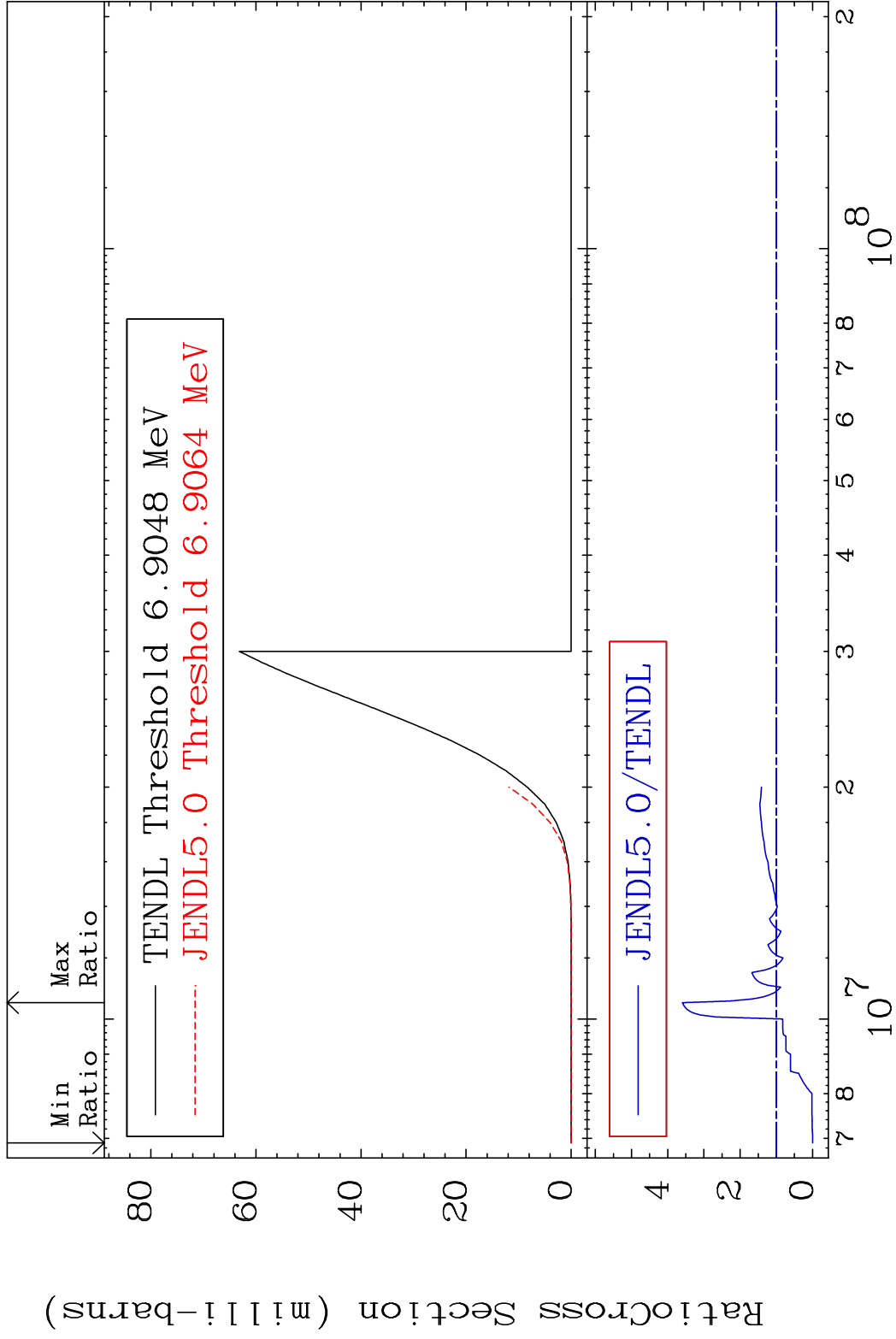
78-Pt-192

MAT 7831

(n, n') p

78-Pt-192

Cross Section -100.0 To 259.6 %



7

Incident Energy (eV)

78-Pt-192

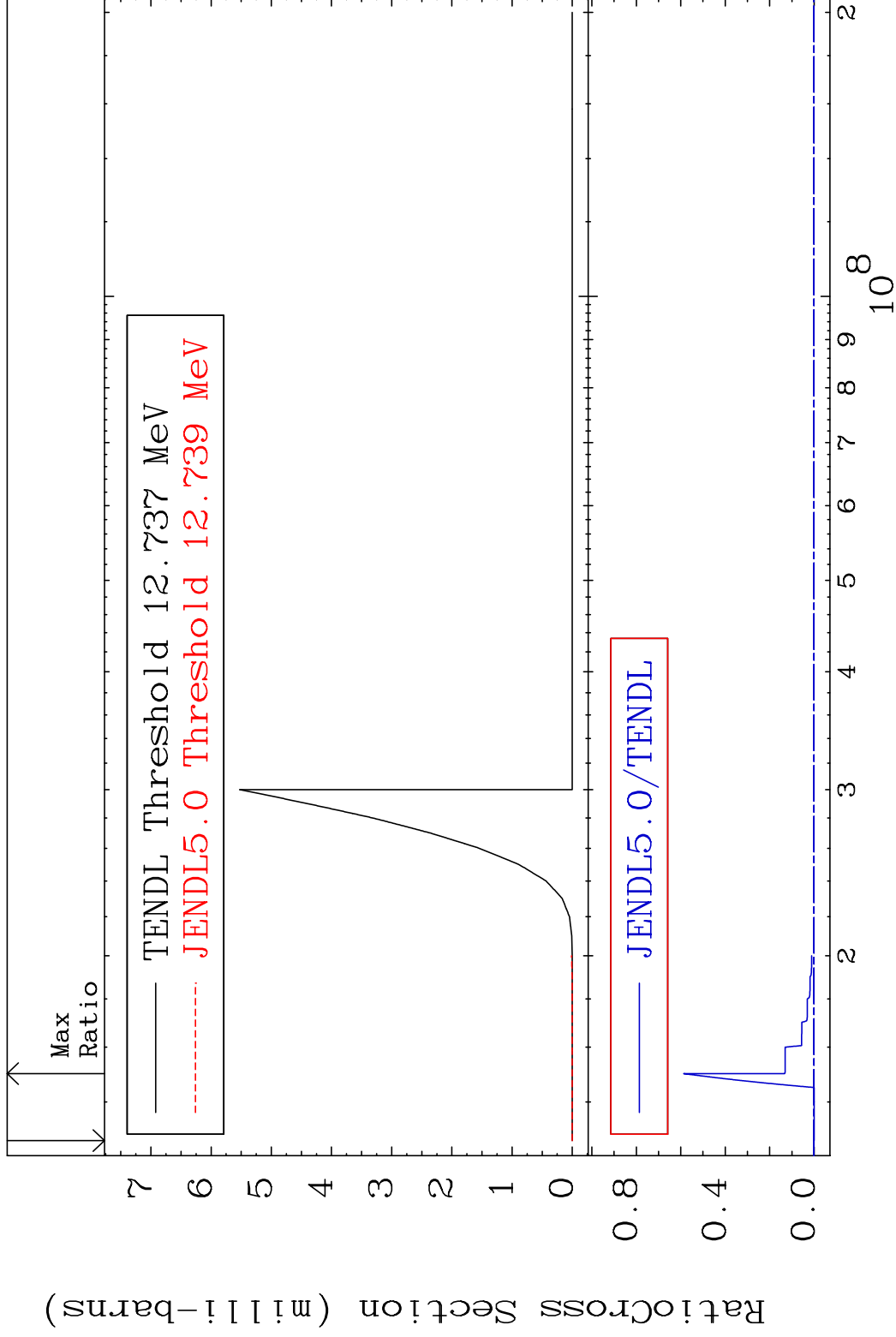


MAT 7831

(n, n') d

78-Pt-192

Cross Section -100.0 To 9999. %

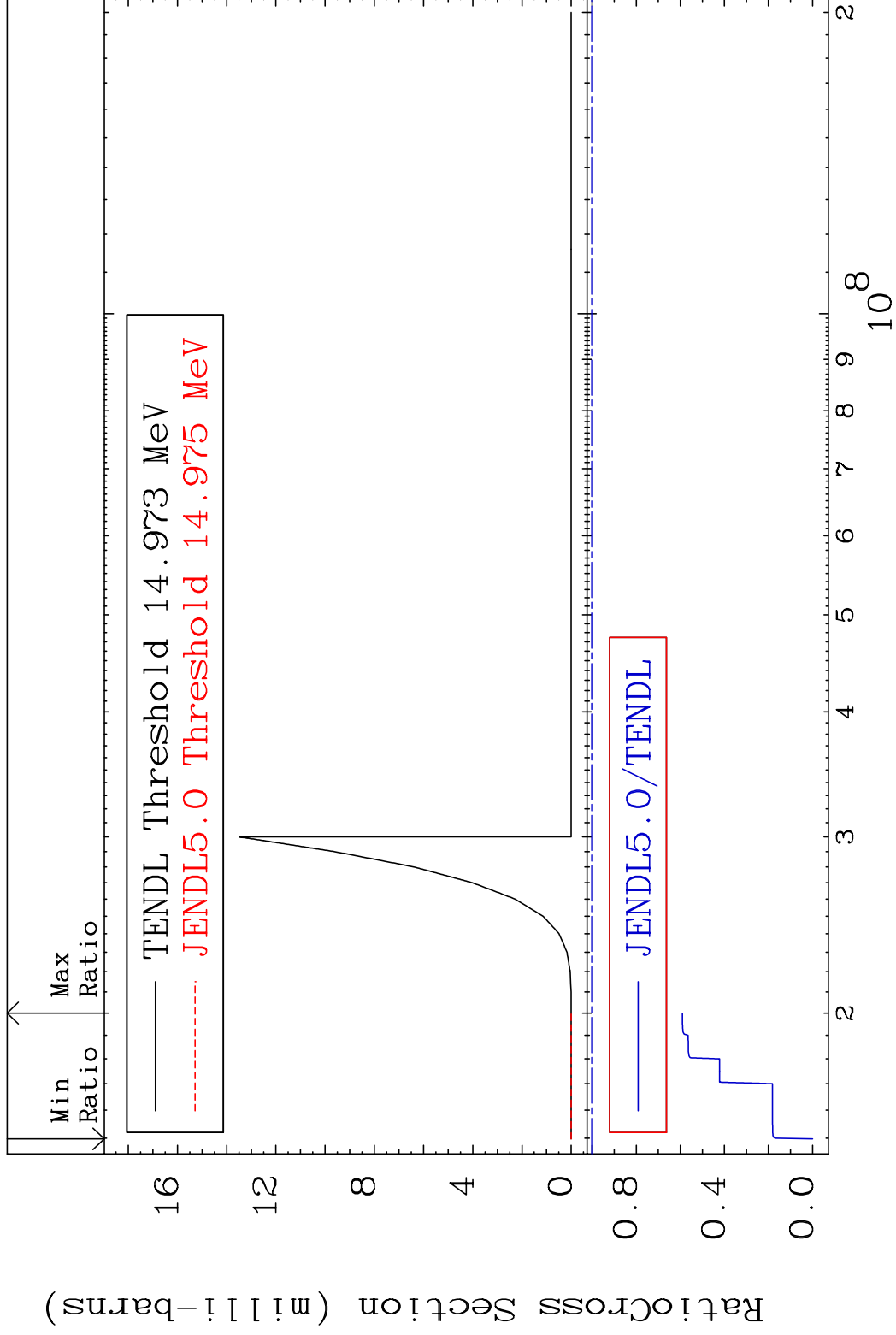


MAT 7831

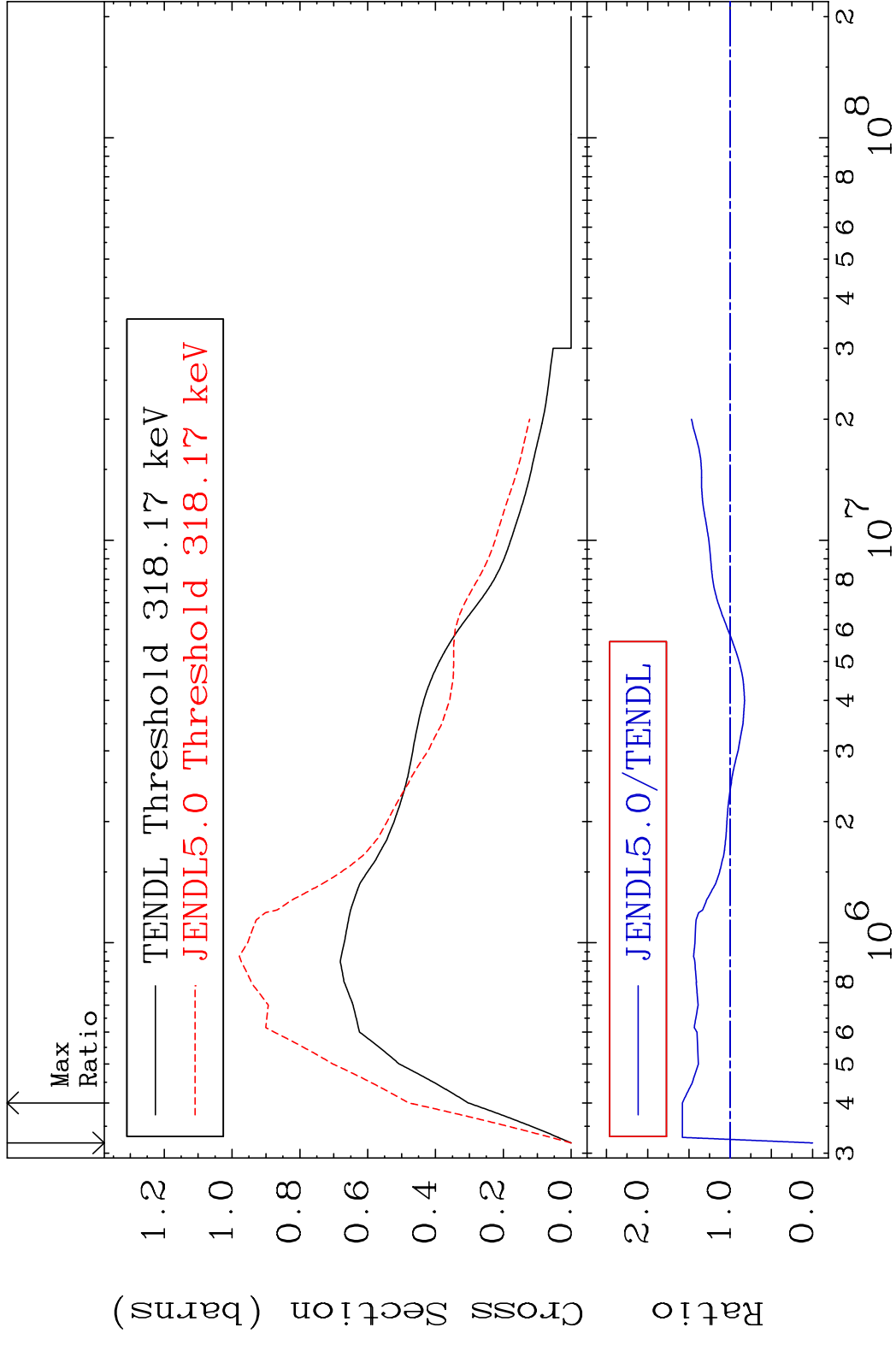
(n,2n) p

78-Pt-192

Cross Section -100.0 To -40.93%

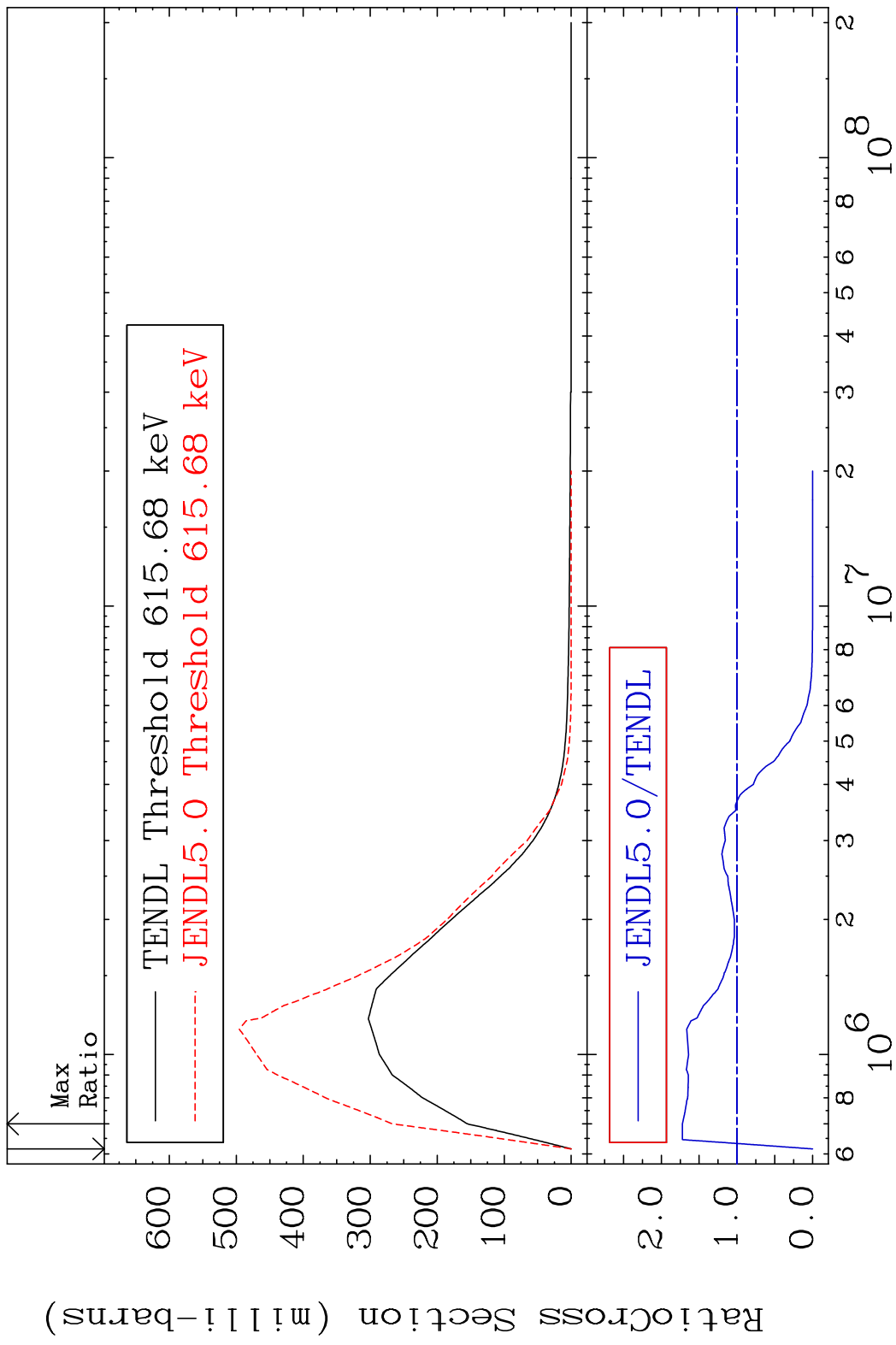


MAT 7831 MT= 51 (n,n') Level 78-Pt-192  
 Cross Section -100.0 To 57.95 %

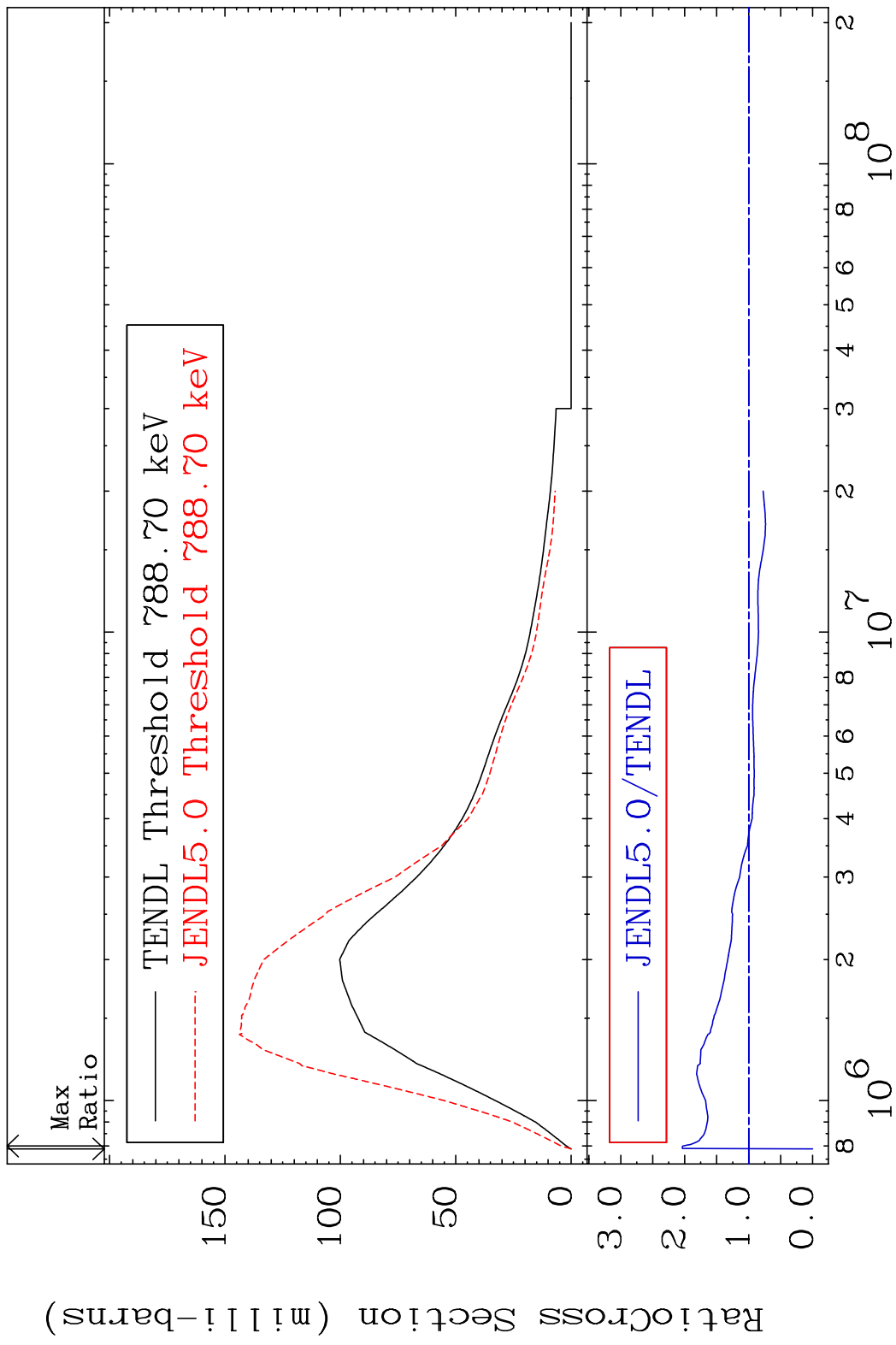


10 Incident Energy (eV) 78-Pt-192

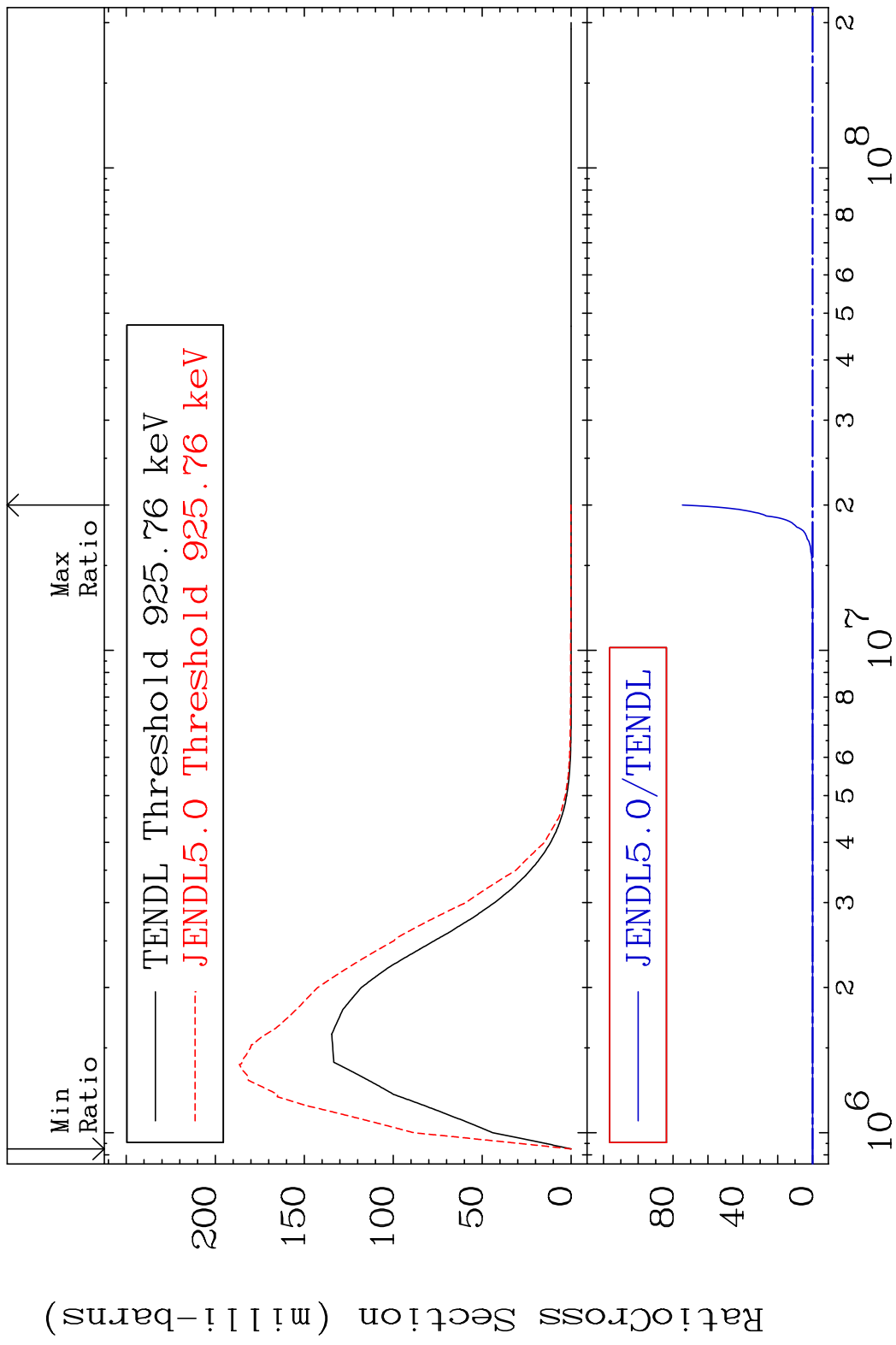
MAT 7831 MT= 52 (n,n') Level 78-Pt-192  
 Cross Section -100.0 To 72.19 %



MAT 7831 MT= 53 (n,n') Level 78-Pt-192  
 Cross Section -100.0 To 103.8 %

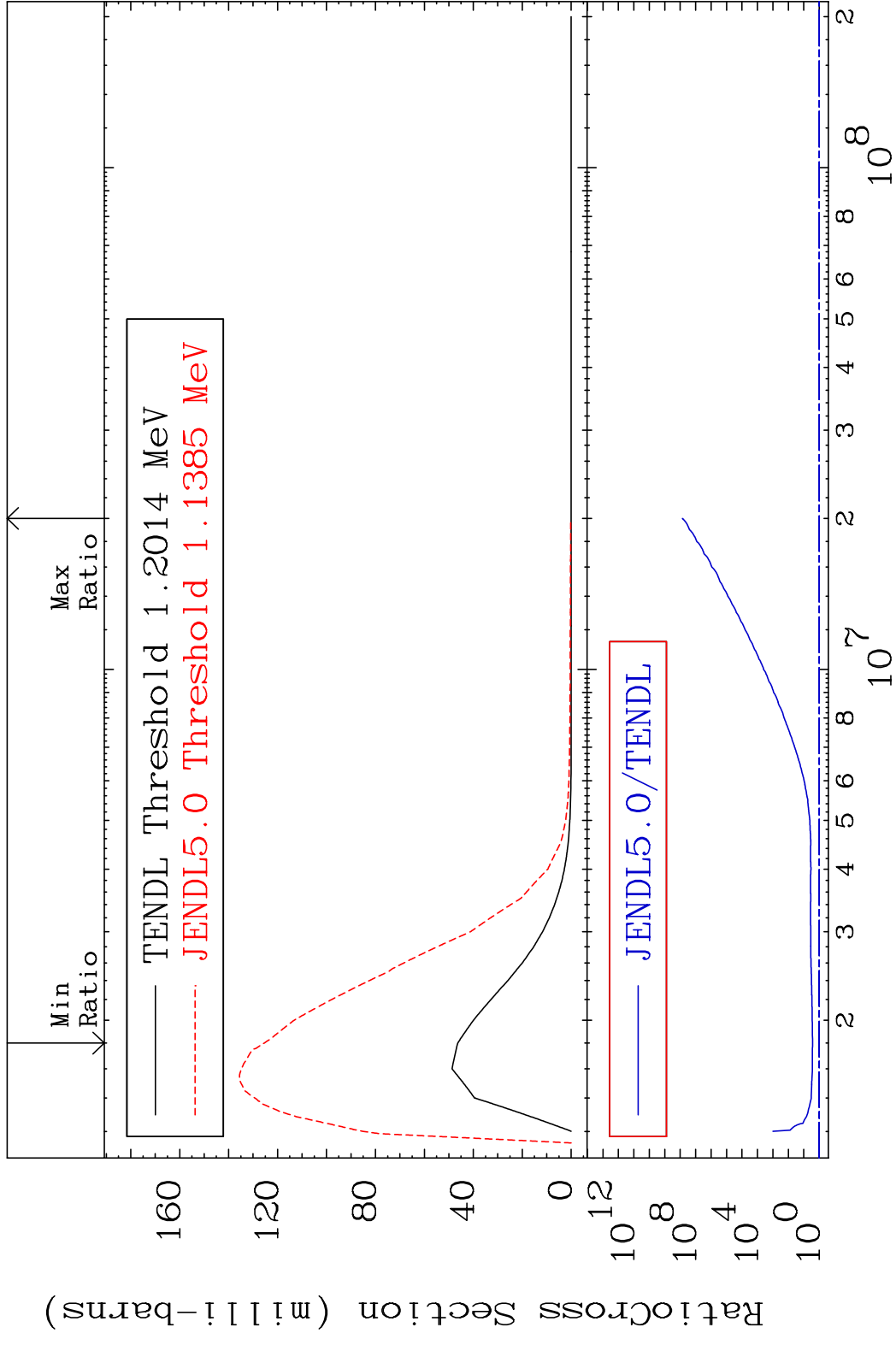


MAT 7831 MT= 54 (n, n') Level 78-Pt-192  
 Cross Section -100.0 To 9999. %

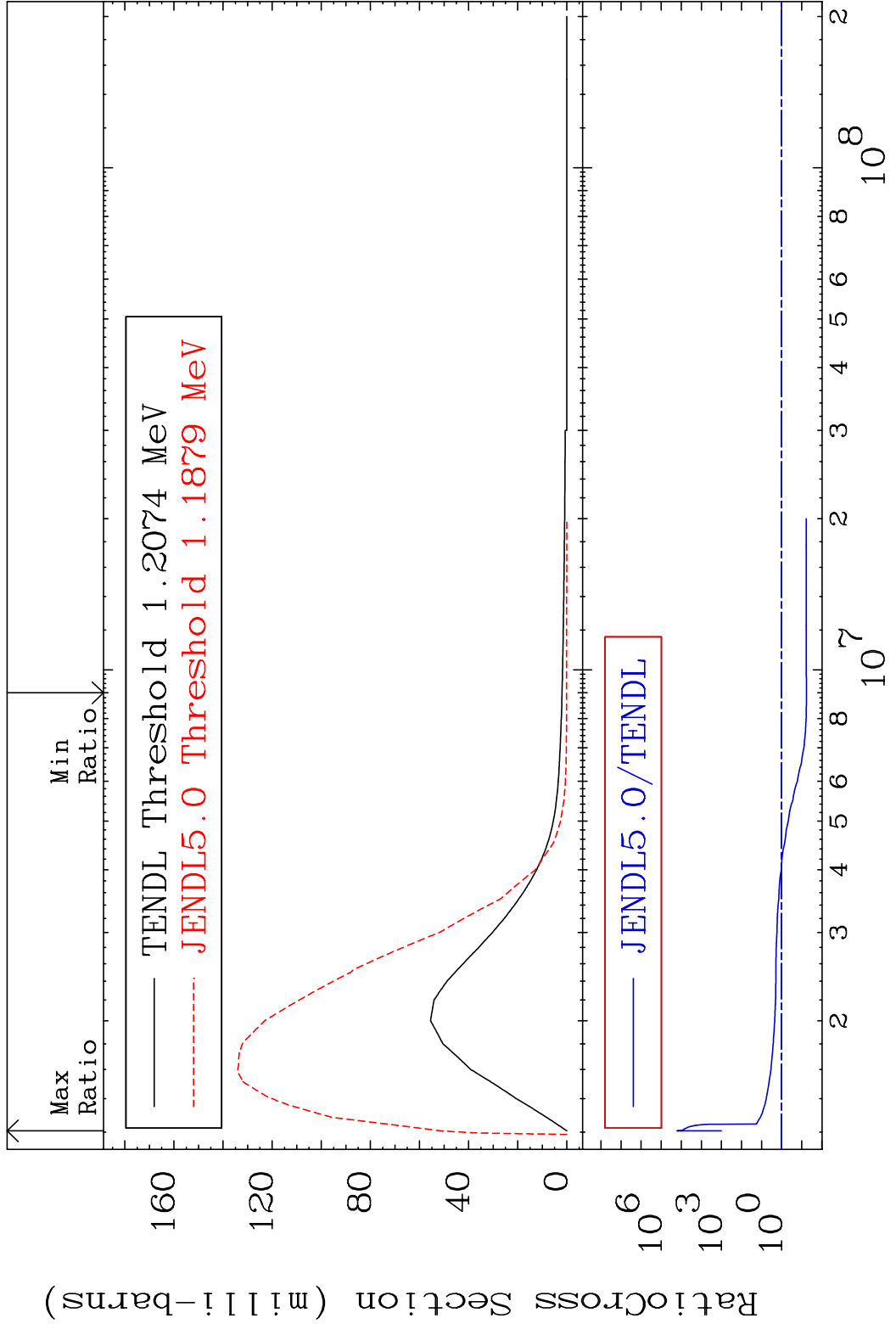


13 Incident Energy (eV) 78-Pt-192

MAT 7831 MT= 55 (n, n') Level 78-Pt-192  
 Cross Section 170.6 To 9999. %

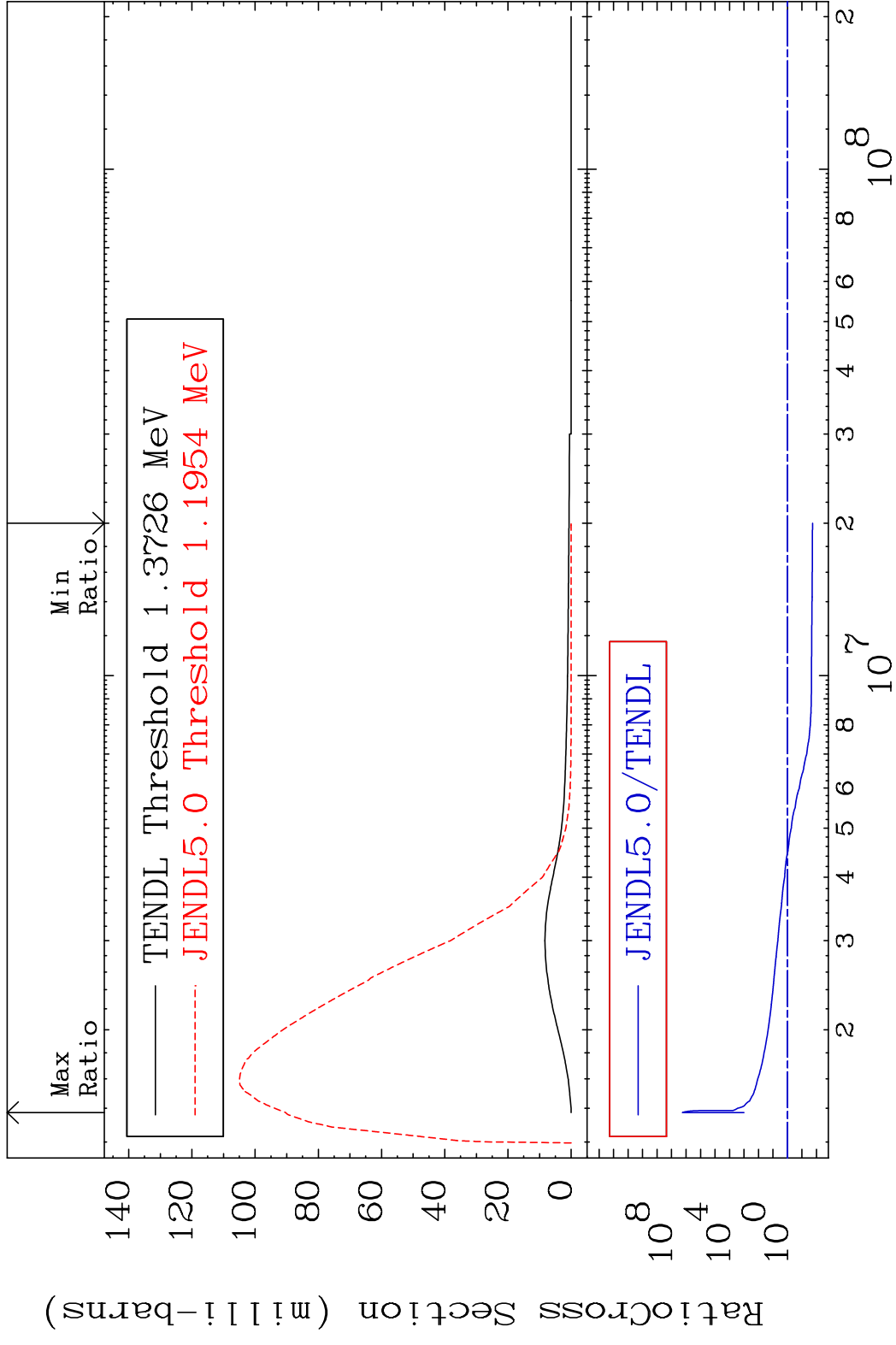


MAT 7831 MT= 56 (n,n') Level 78-Pt-192  
 Cross Section -94.15 To 9999. %

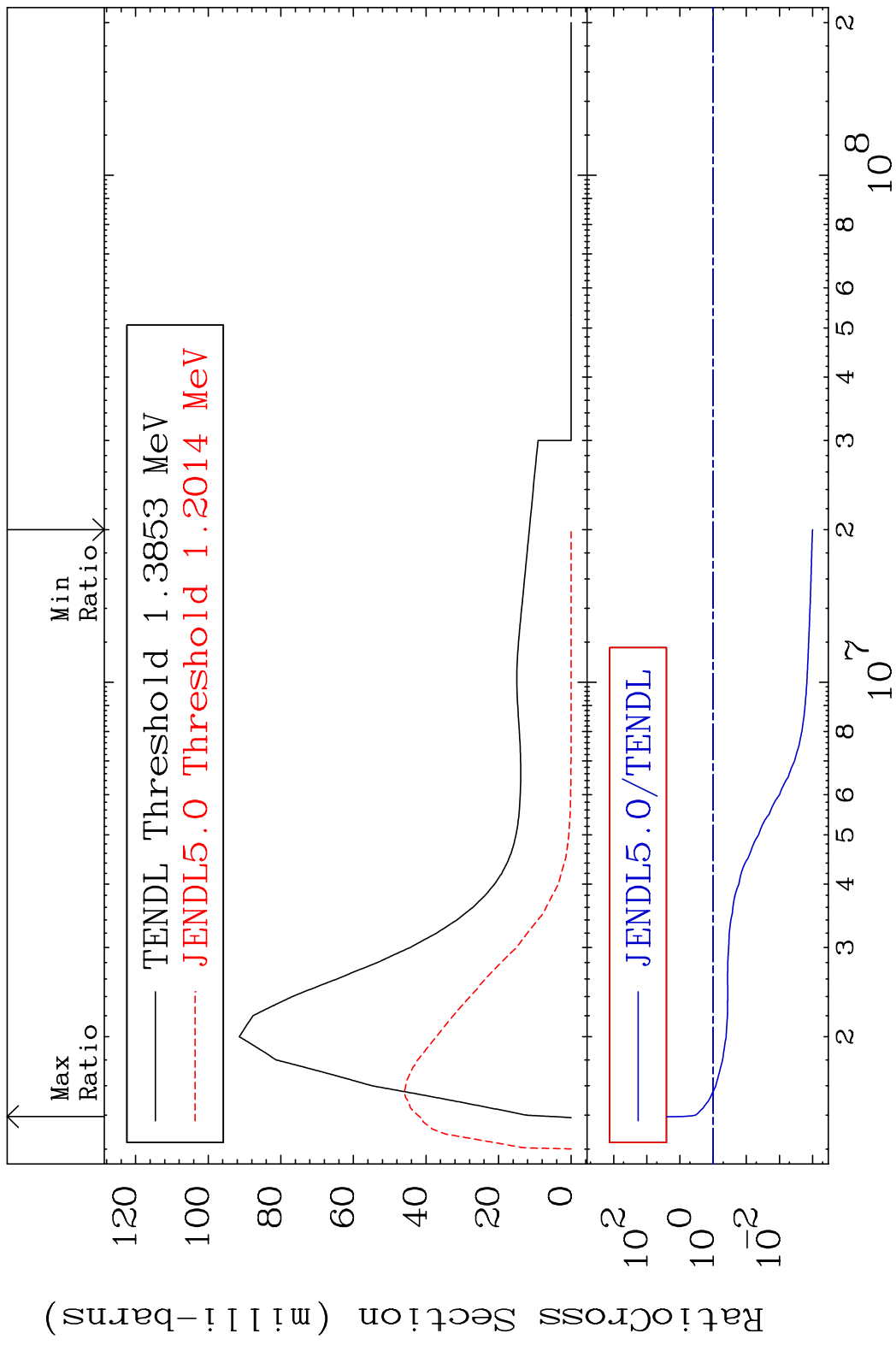




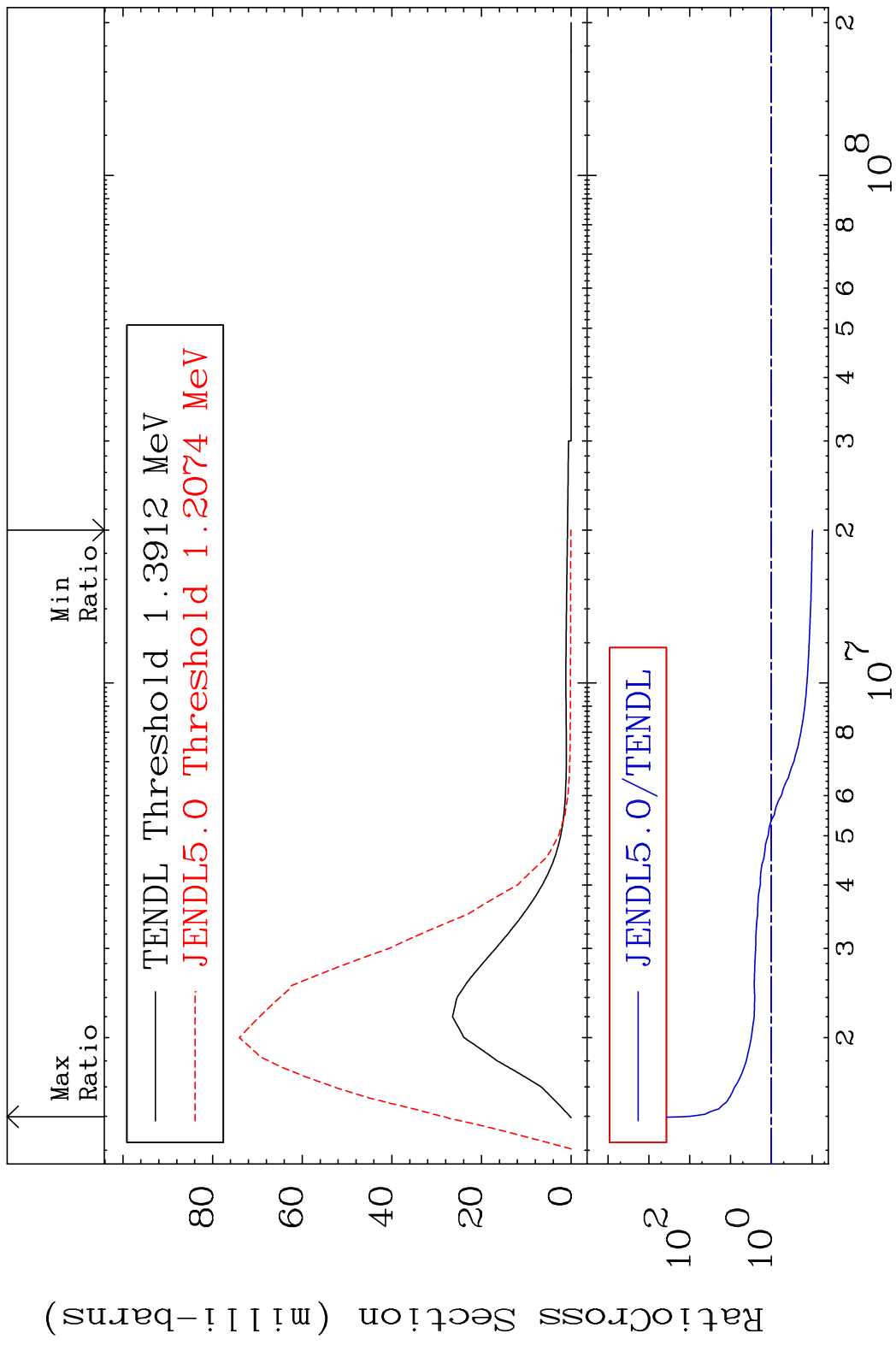
MAT 7831 MT= 57 (n, n') Level 78-Pt-192  
 Cross Section -98.15 To 9999. %



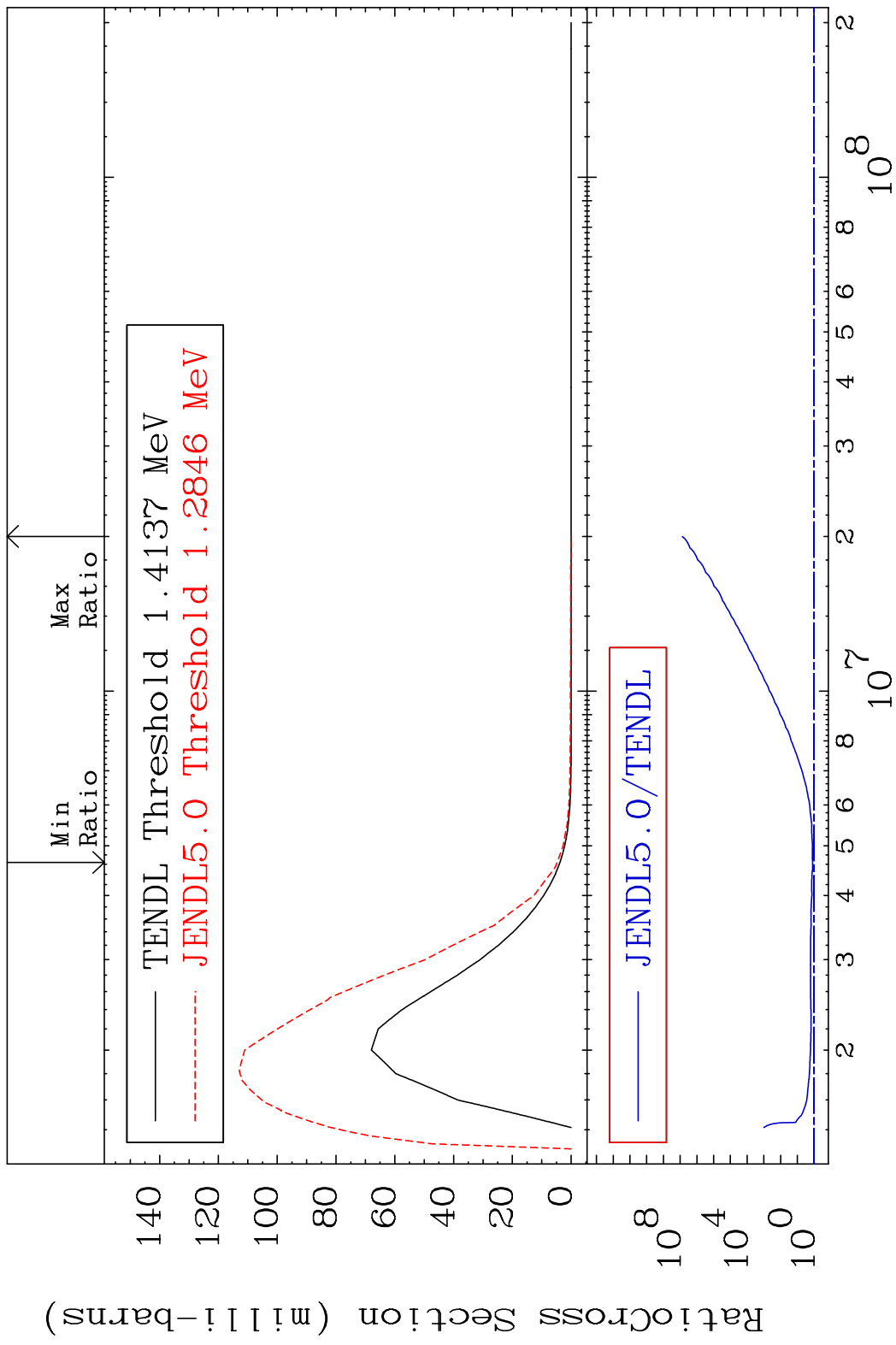
MAT 7831 MT= 58 (n, n') Level 78-Pt-192  
 Cross Section -99.90 To 748.2 %



MAT 7831 MT= 59 (n, n') Level 78-Pt-192  
 Cross Section -90.24 To 9999. %



MAT 7831 MT= 60 (n, n') Level 78-Pt-192  
 Cross Section 22.94 To 9999. %

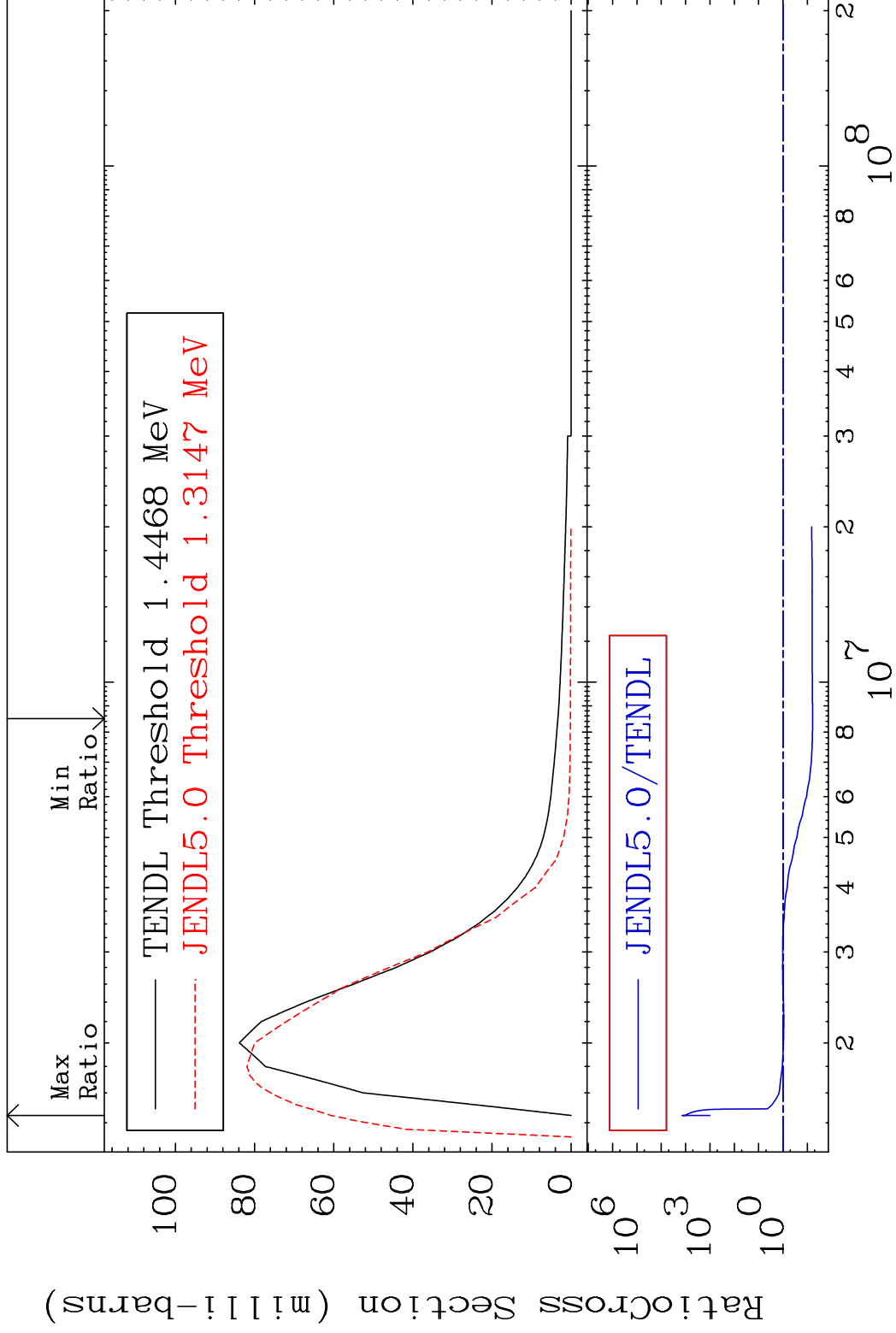


MAT 7831

MT= 61 (n,n') Level

78-Pt-192

Cross Section -93.90 To 9999. %

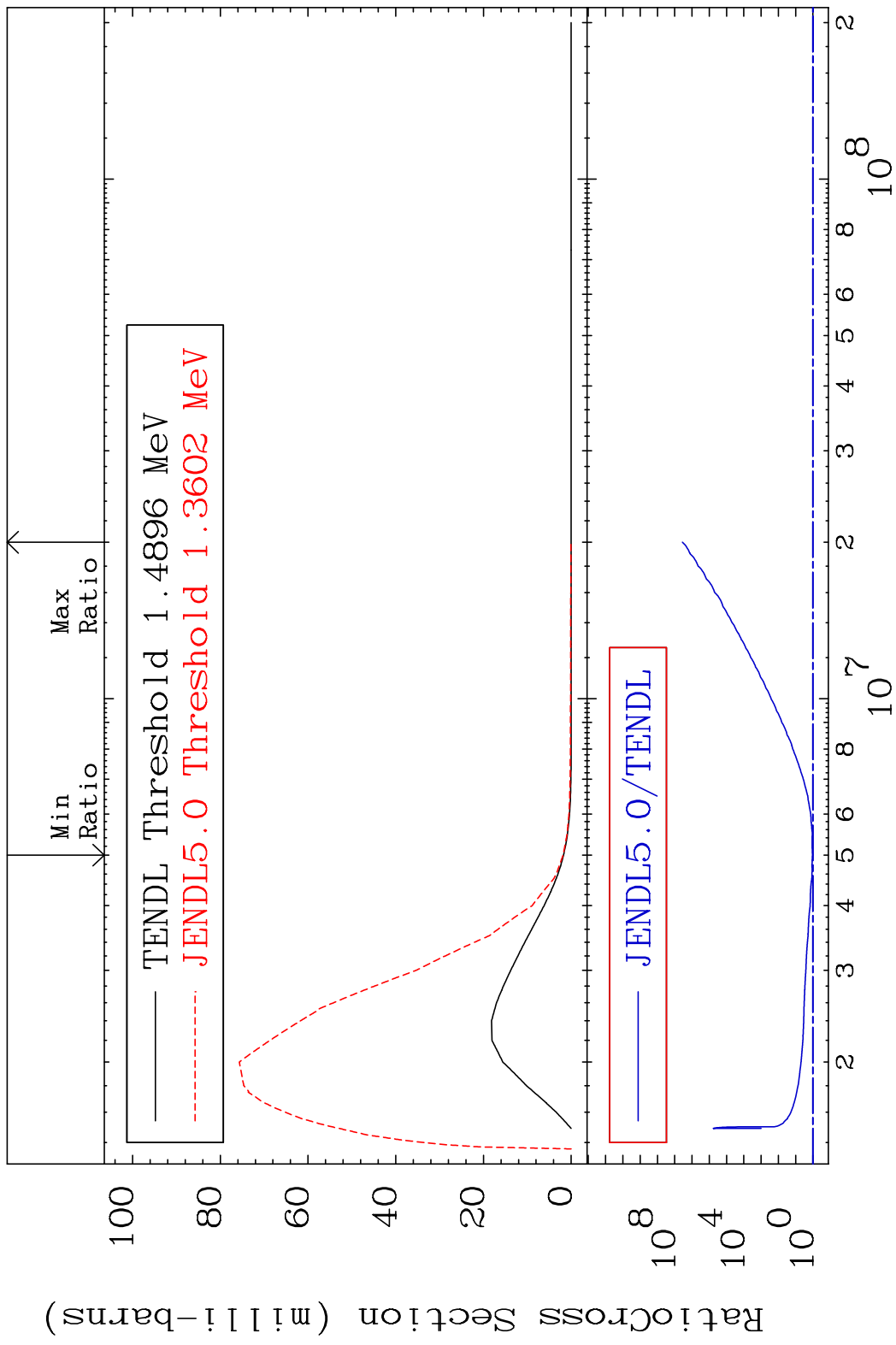


20

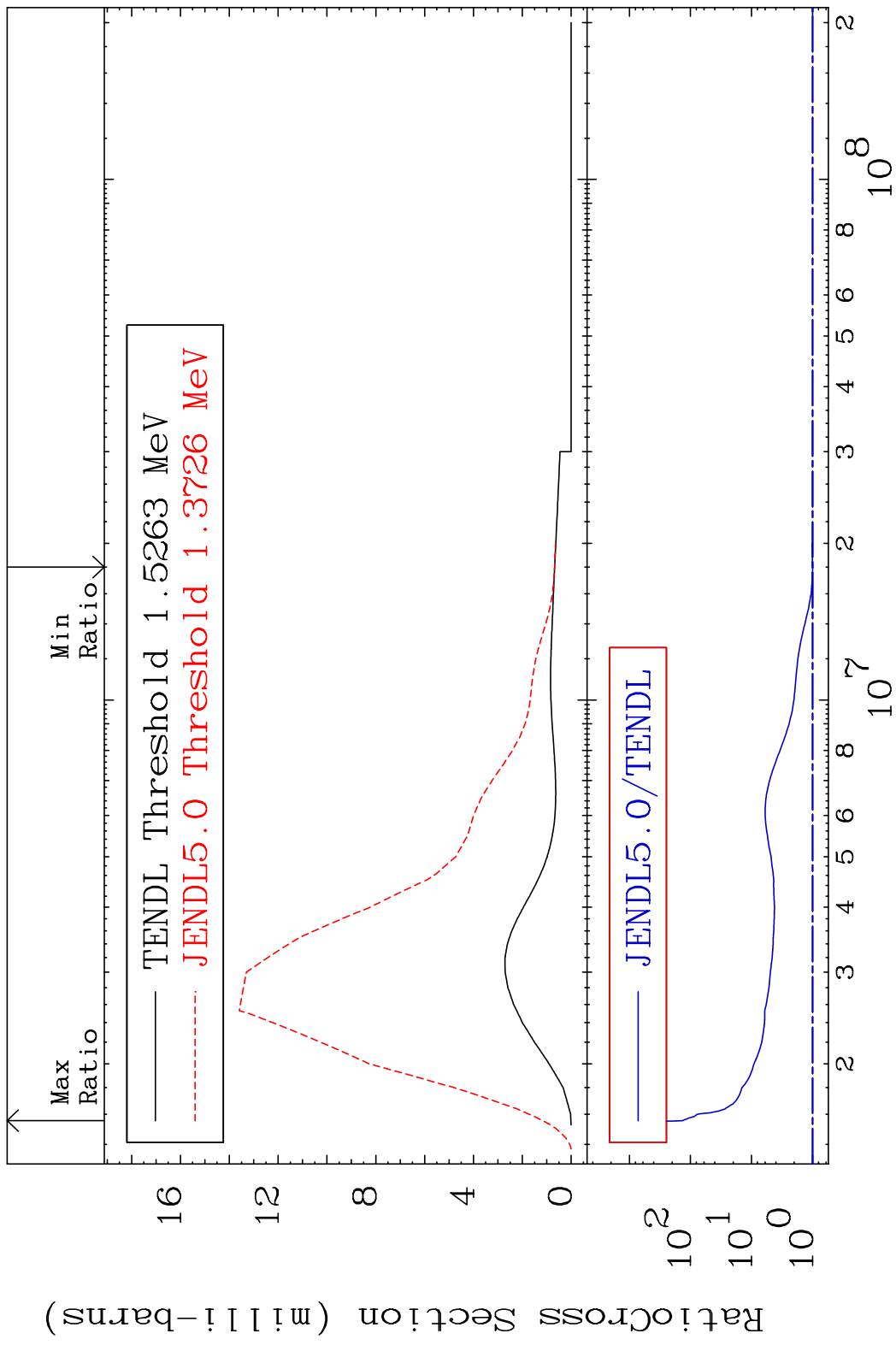
Incident Energy (eV)

78-Pt-192

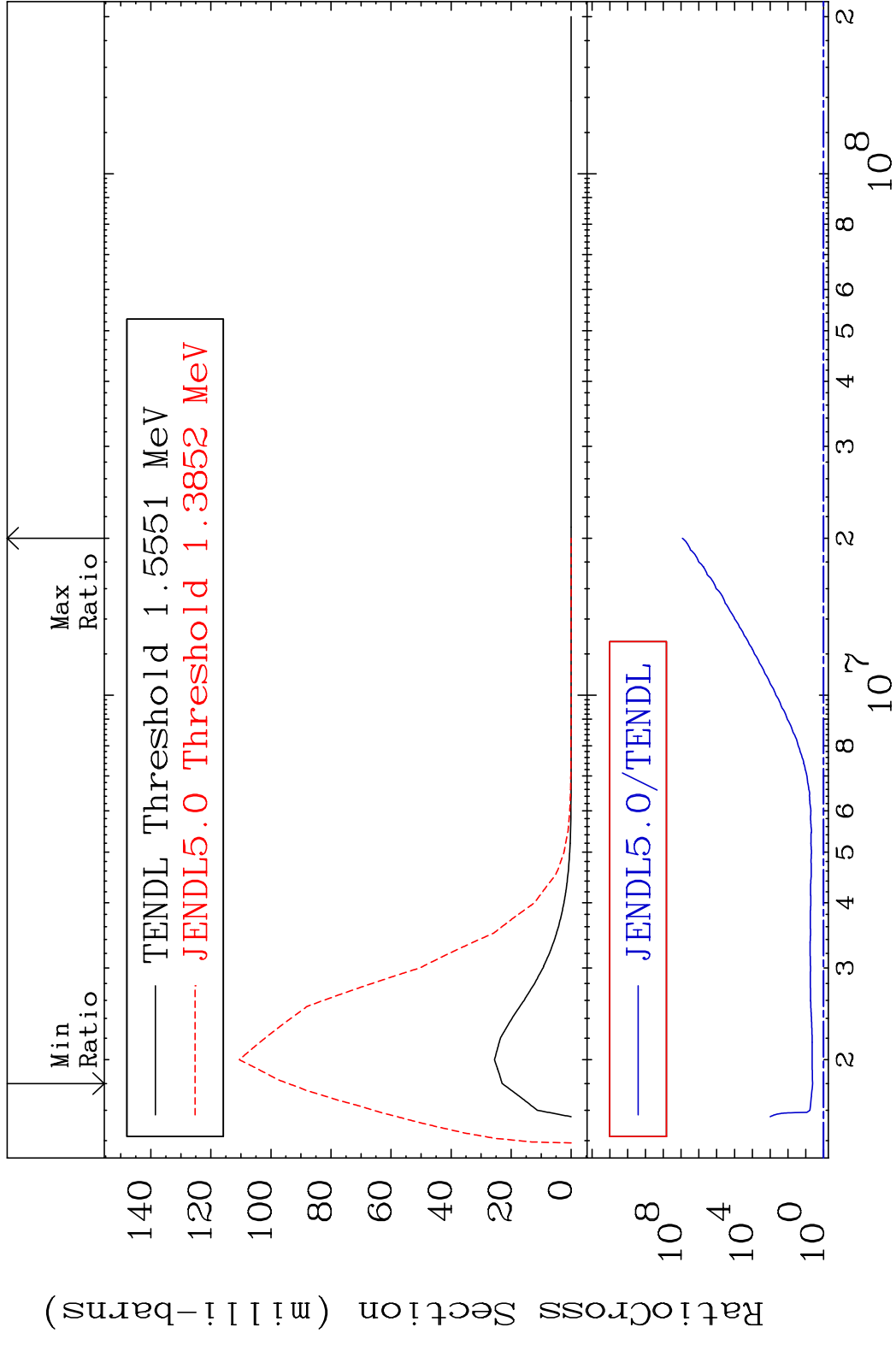
MAT 7831 MT= 62 (n, n') Level 78-Pt-192  
 Cross Section 4.928 To 9999. %



MAT 7831 MT= 63 (n, n') Level 78-Pt-192  
 Cross Section 0.099 To 9999. %



MAT 7831 MT= 64 (n, n') Level 78-Pt-192  
 Cross Section 309.8 To 9999. %



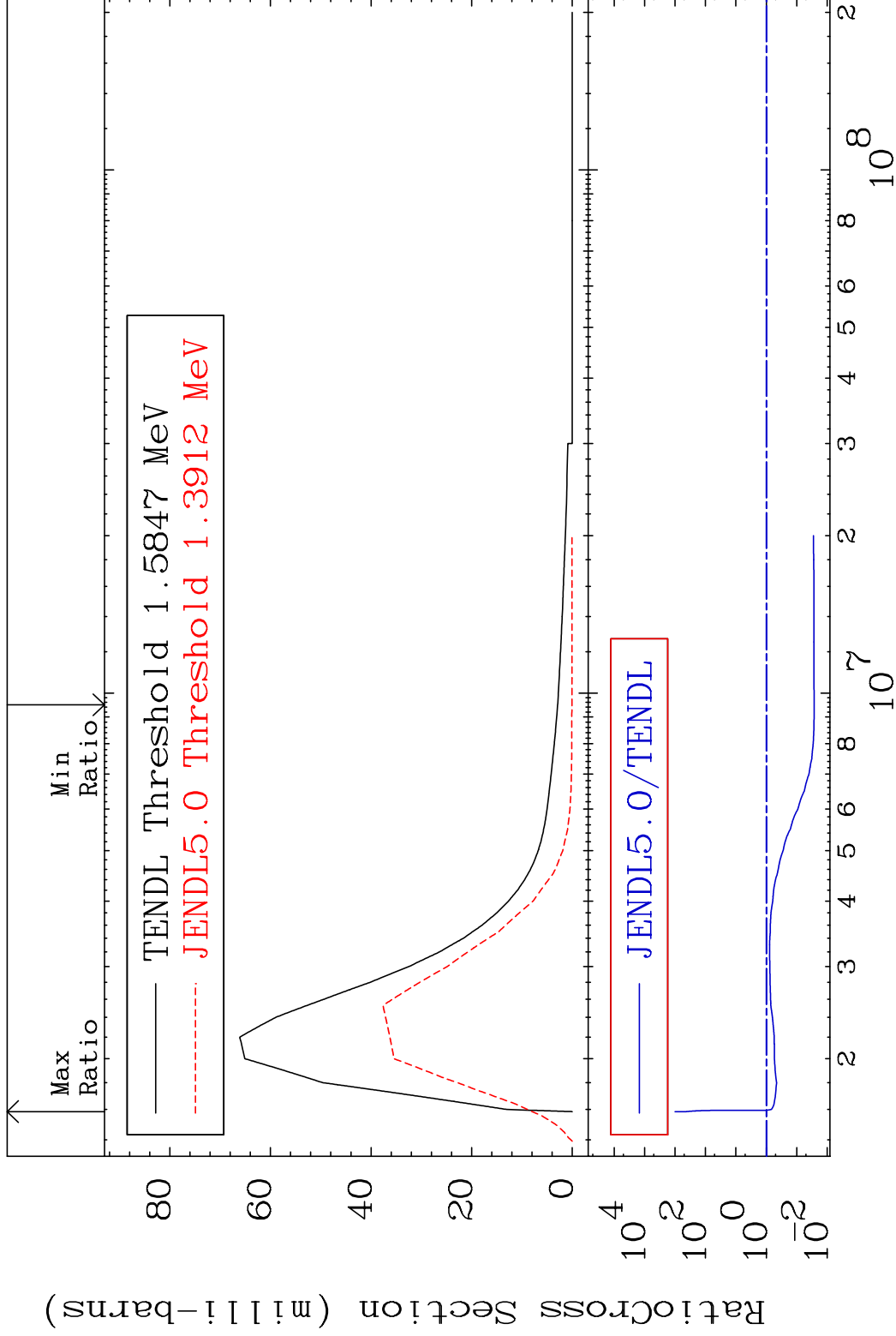


MAT 7831

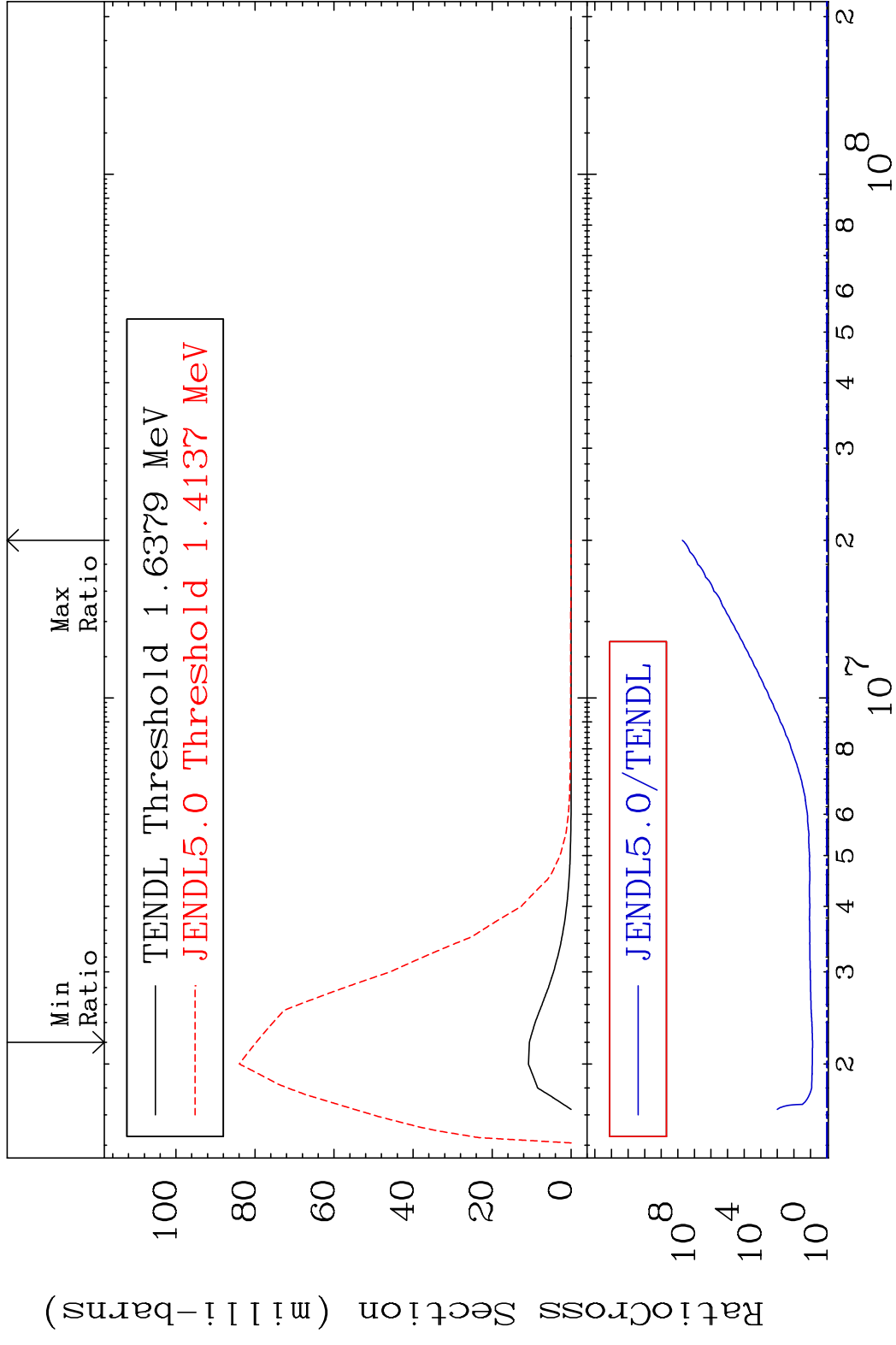
MT= 65 (n,n') Level

78-Pt-192

Cross Section -97.31 To 9999. %



MAT 7831 MT= 66 (n,n') Level 78-Pt-192  
 Cross Section 651.7 To 9999. %

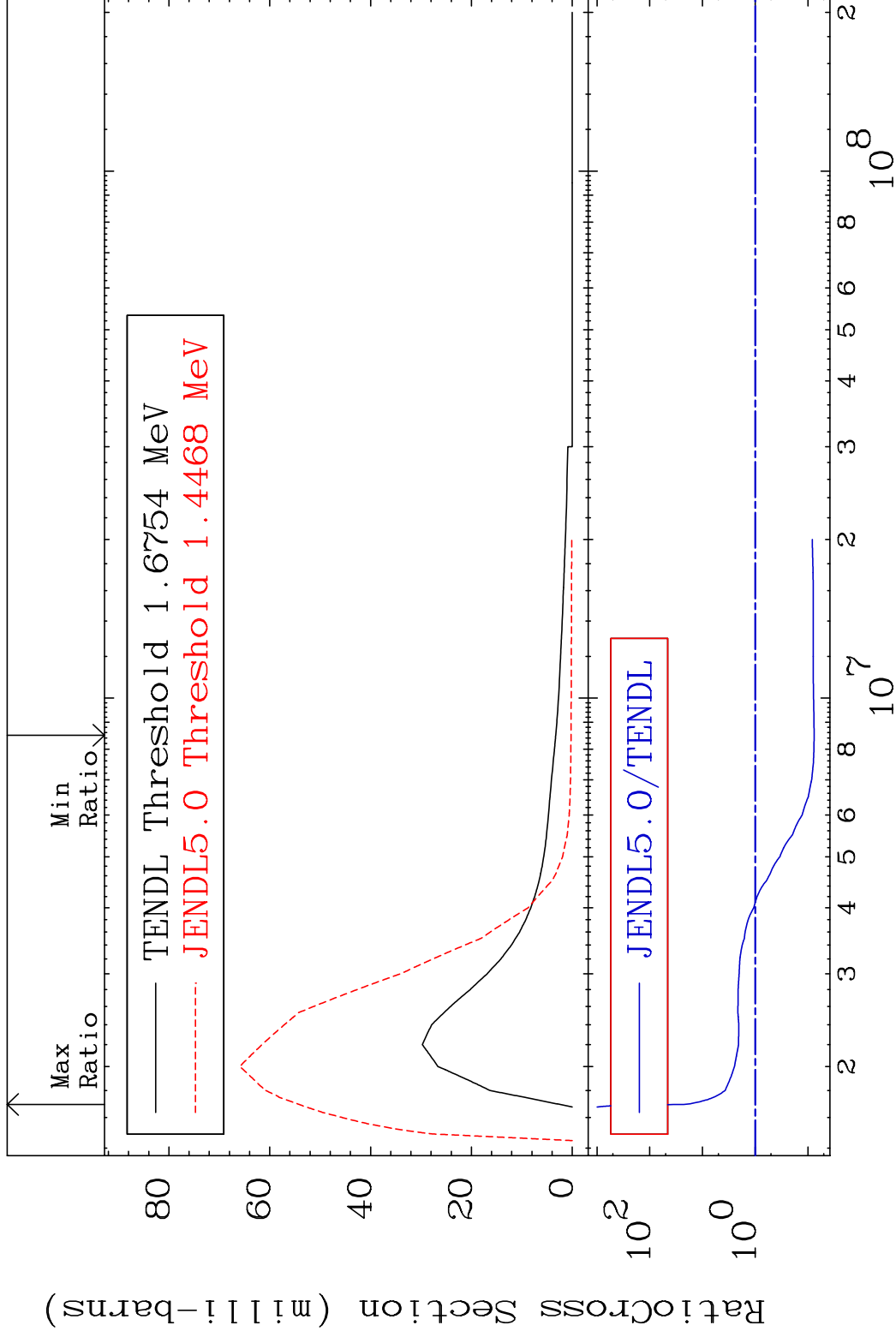


MAT 7831

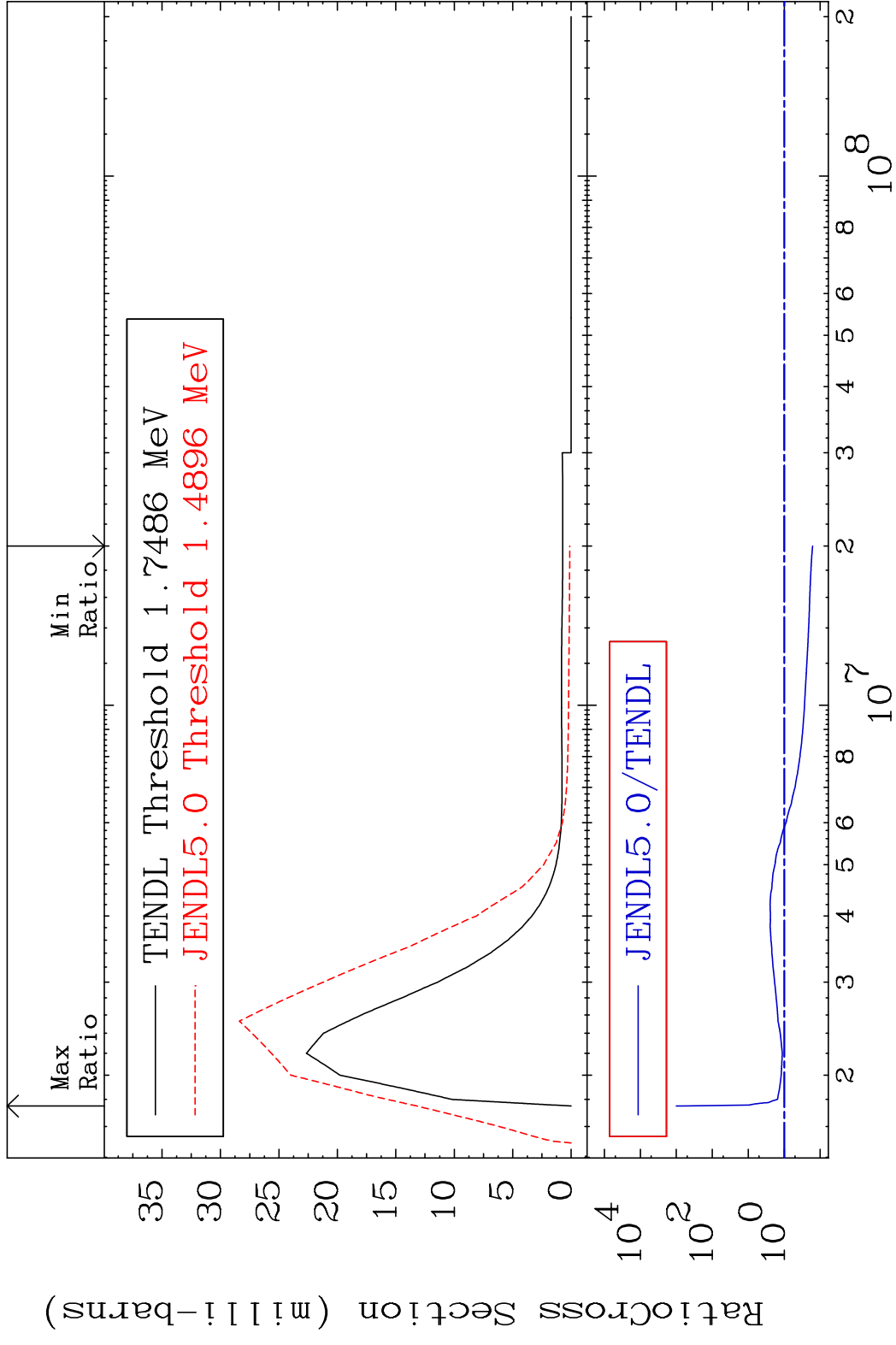
MT= 67 (n, n') Level

78-Pt-192

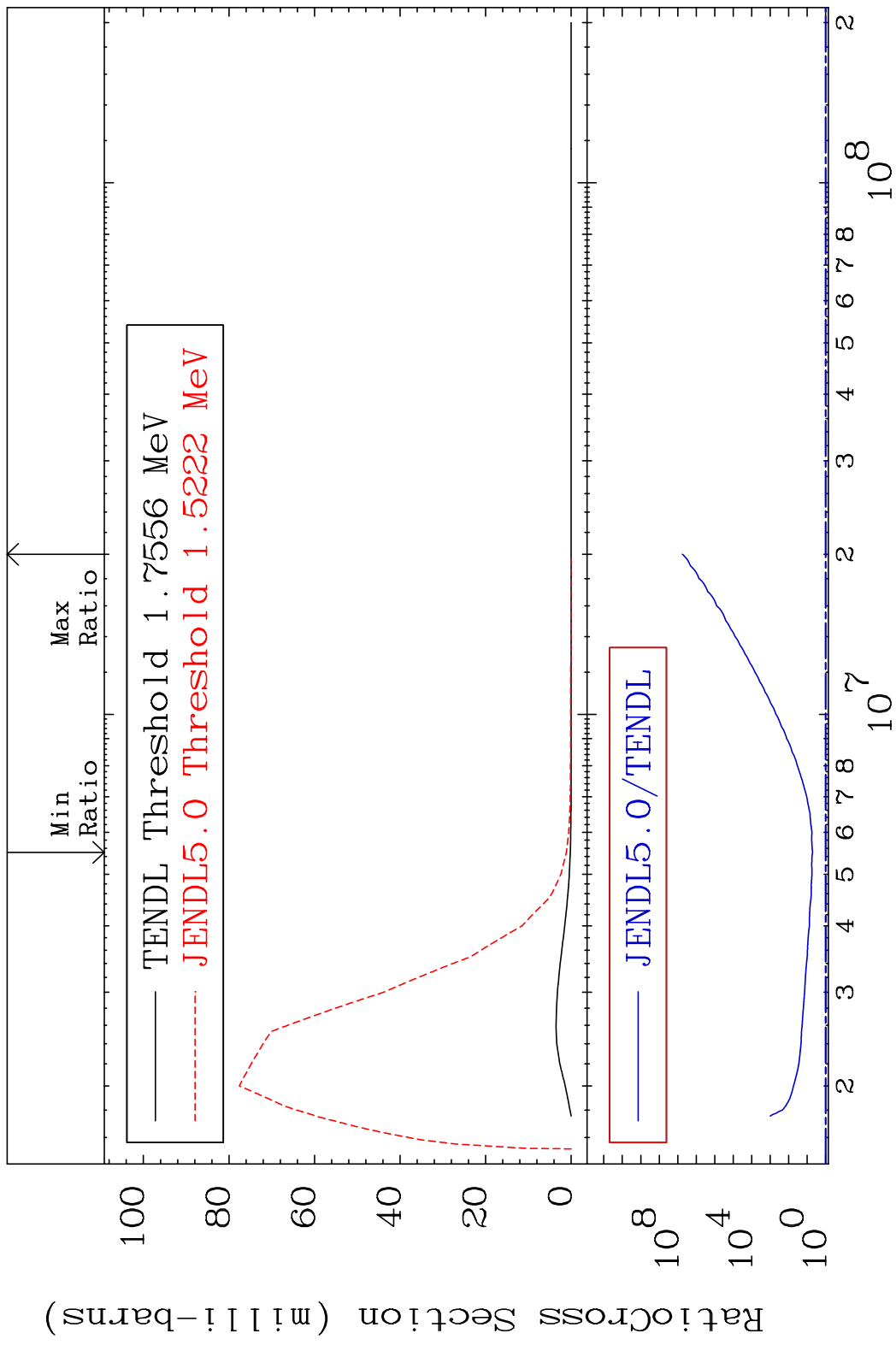
Cross Section -92.36 To 2174. %



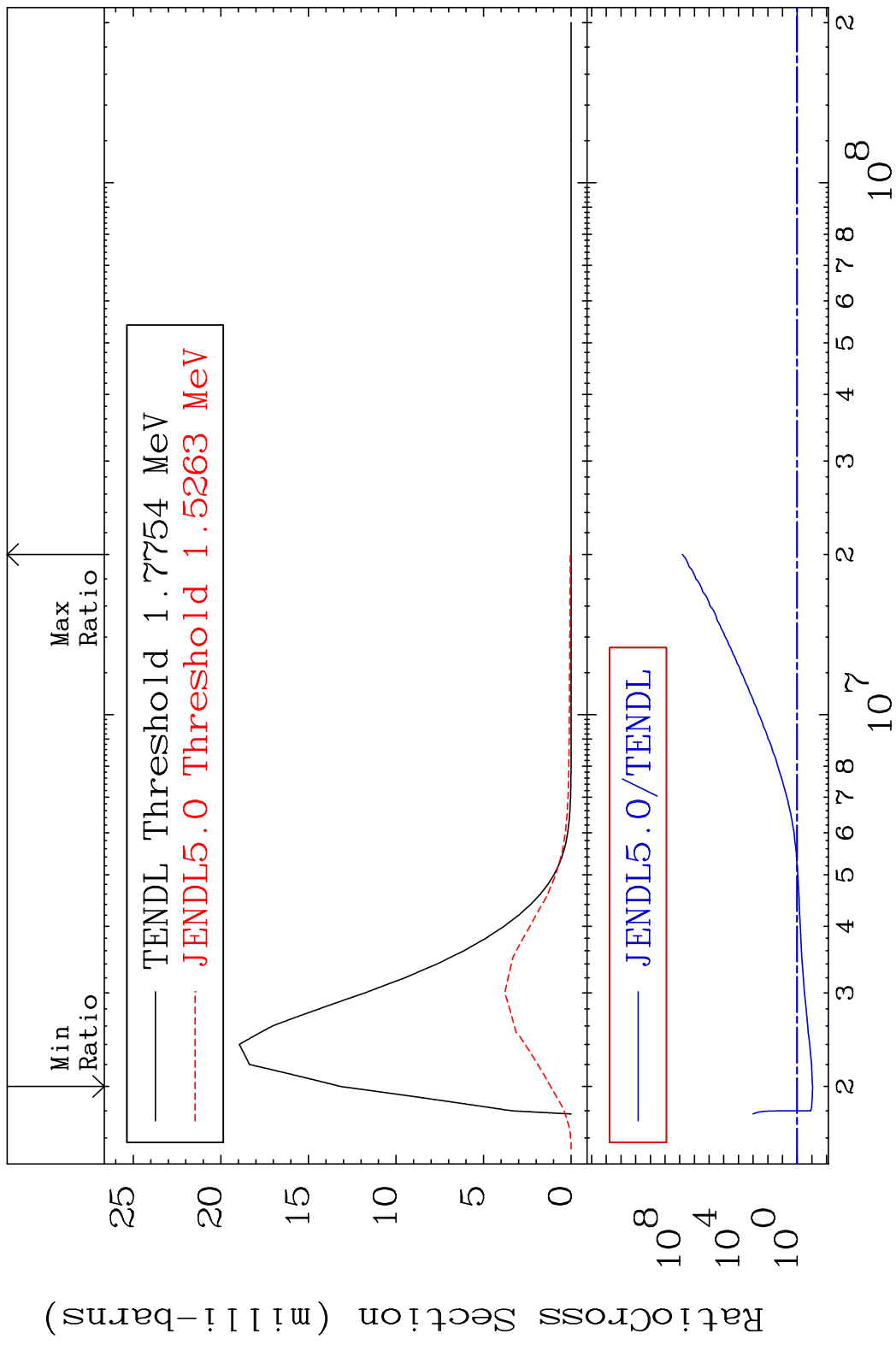
MAT 7831 MT= 68 (n,n') Level 78-Pt-192  
 Cross Section -83.70 To 9999. %



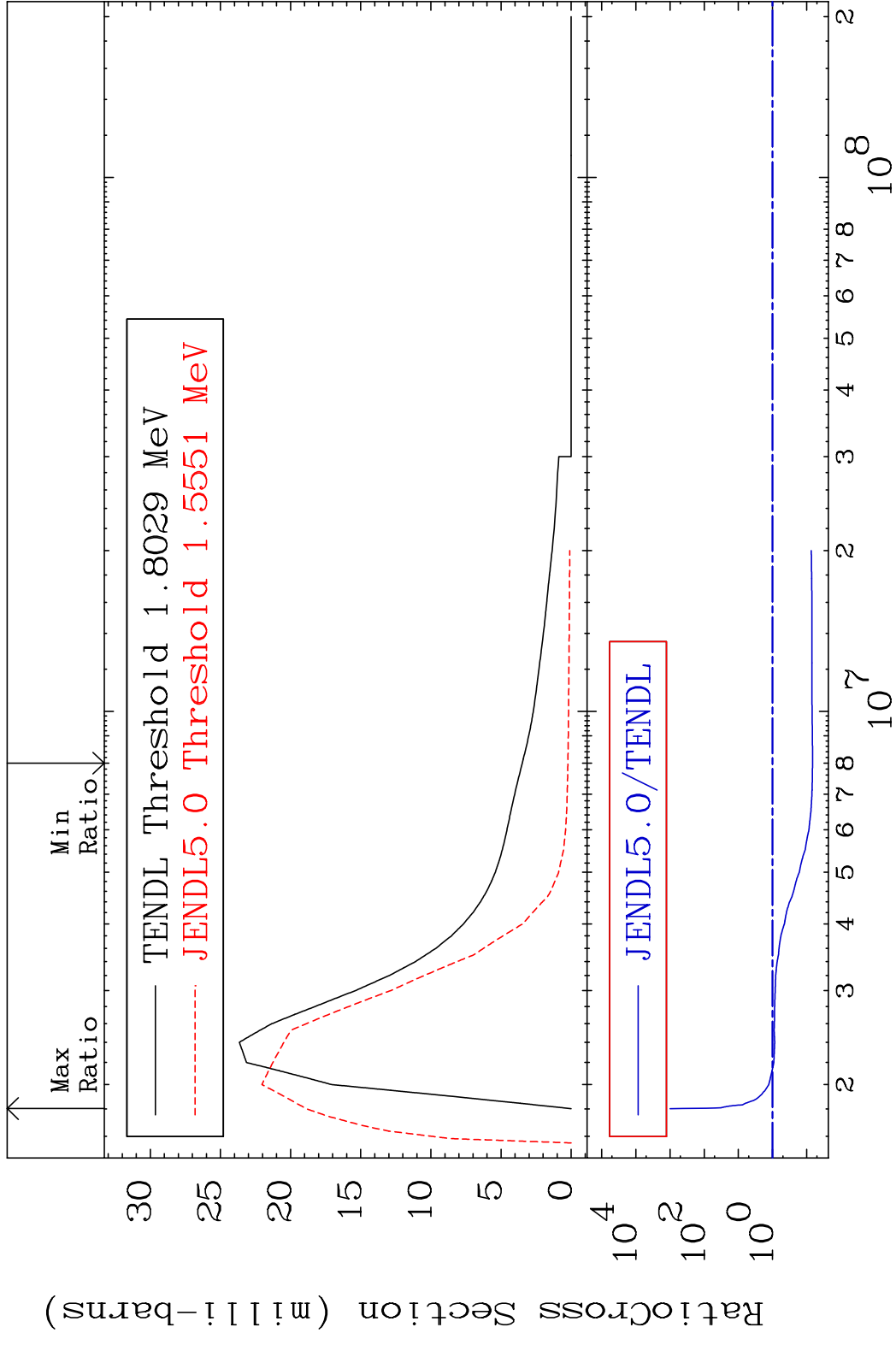
MAT 7831 MT= 69 (n, n') Level 78-Pt-192  
 Cross Section 408.2 To 9999. %



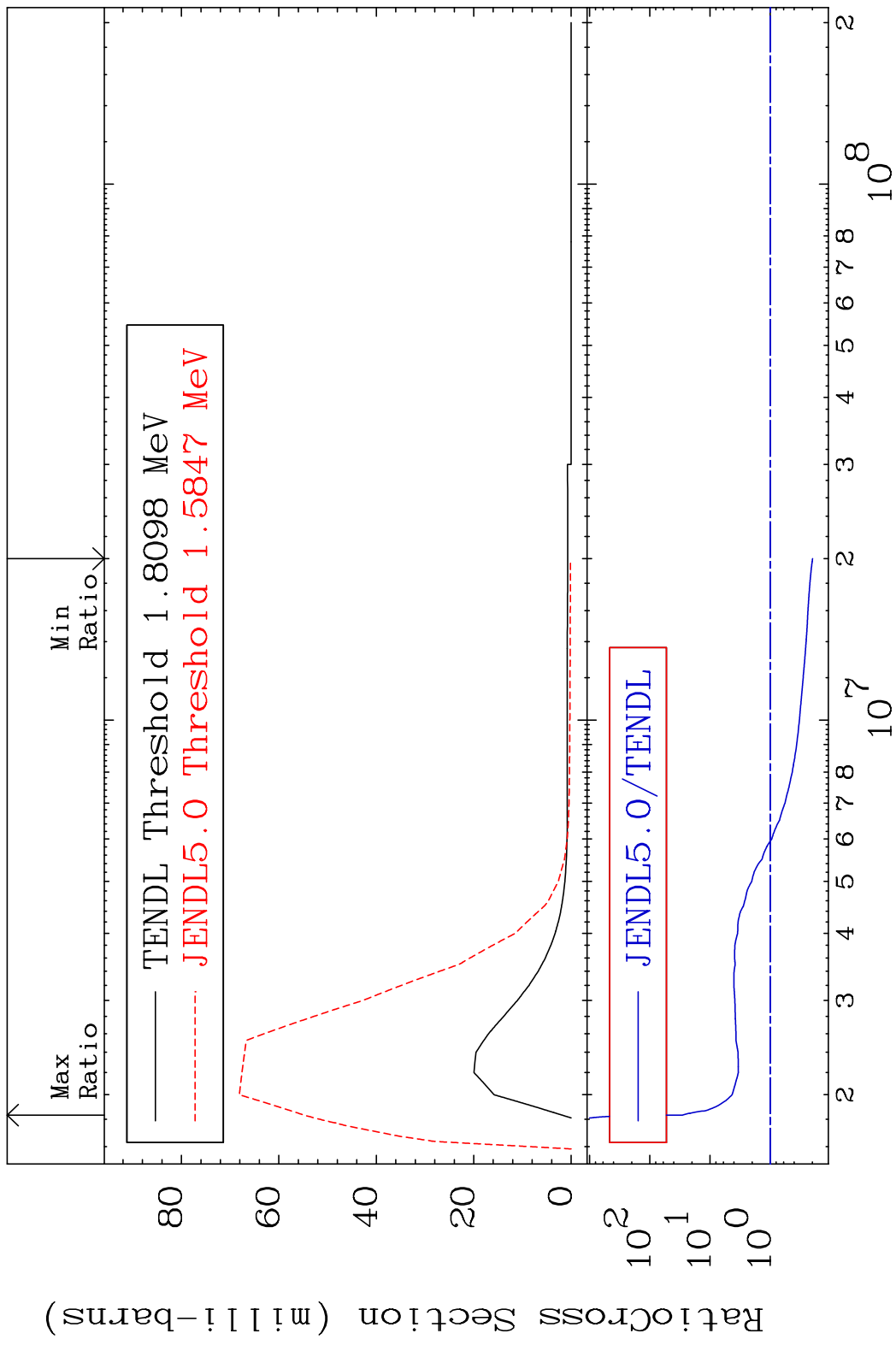
MAT 7831 MT= 70 (n, n') Level 78-Pt-192  
 Cross Section -91.07 To 9999. %



MAT 7831 MT= 71 (n,n') Level 78-Pt-192  
 Cross Section -93.24 To 9999. %

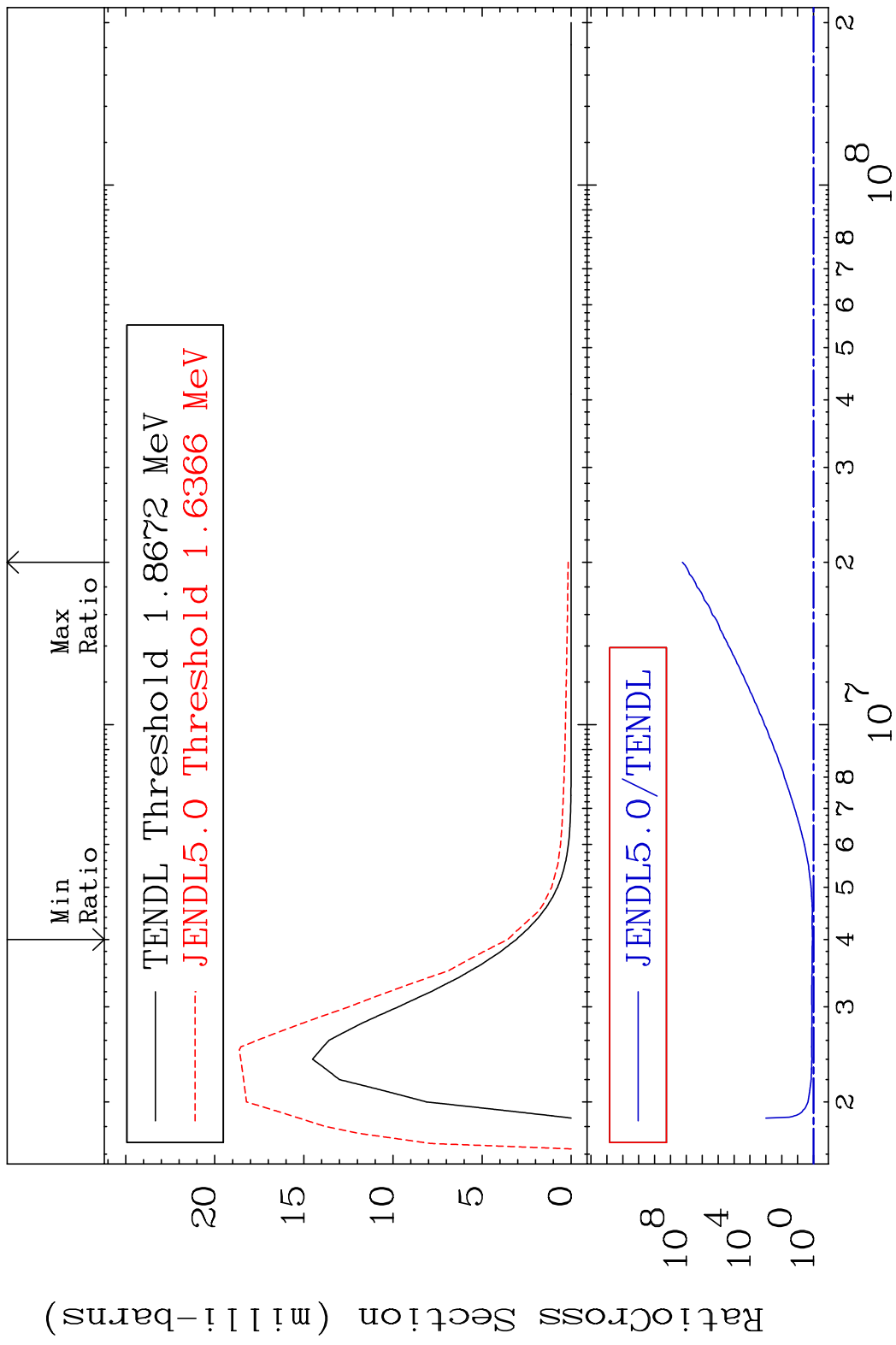


MAT 7831 MT= 72 (n,n') Level 78-Pt-192  
 Cross Section -80.18 To 2785. %

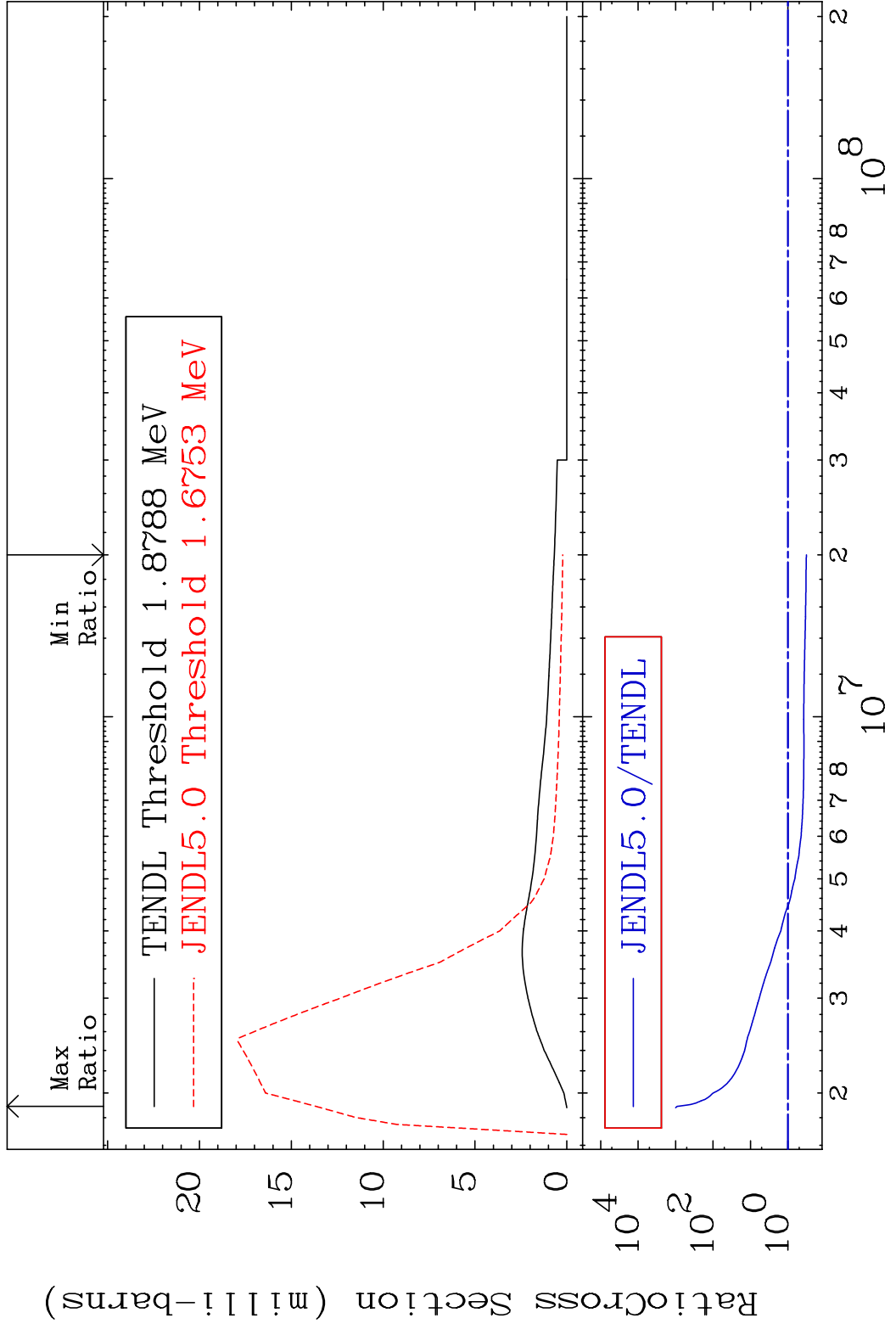




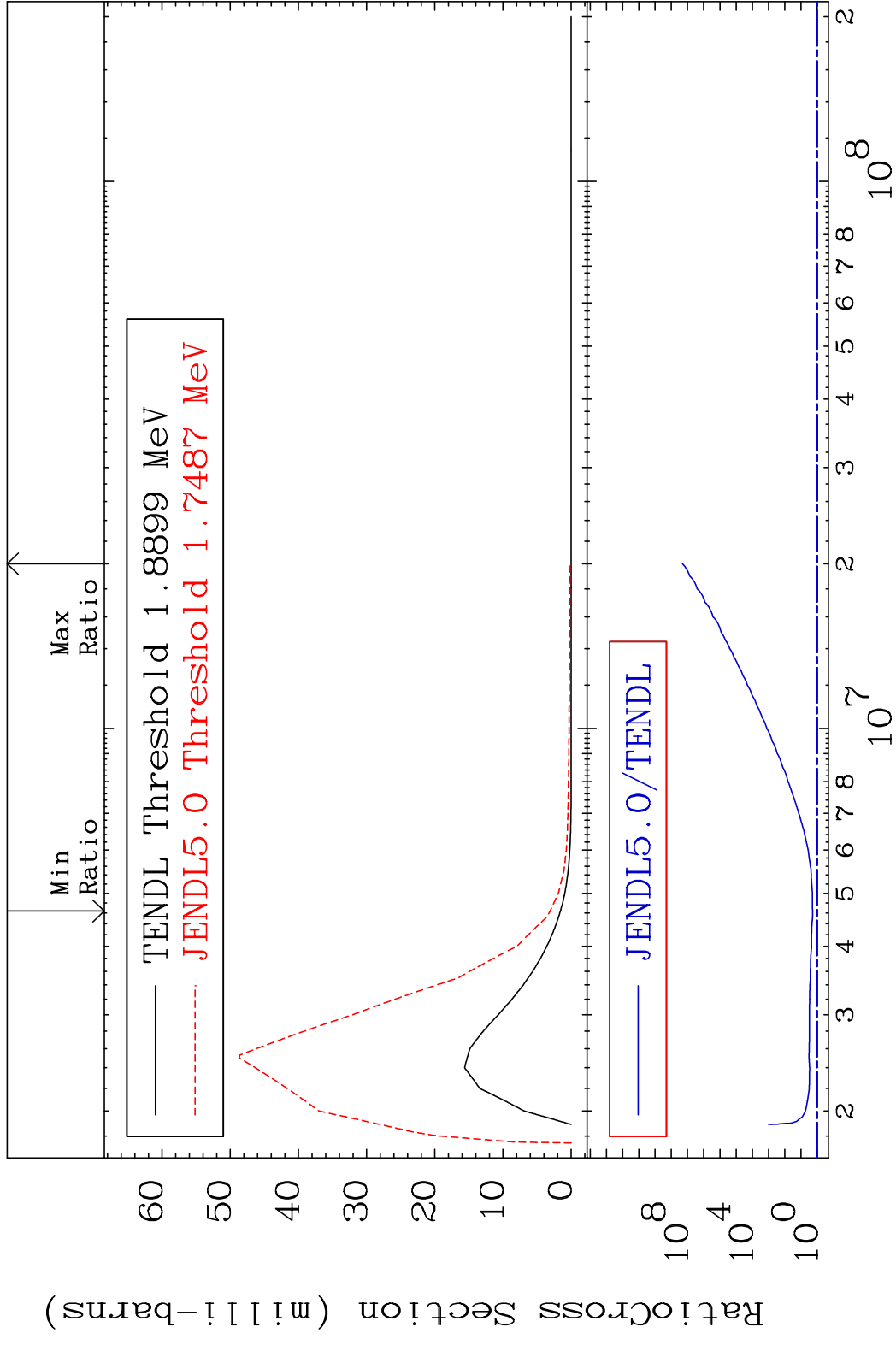
MAT 7831 MT= 73 (n, n') Level 78-Pt-192  
 Cross Section 15.53 To 9999. %



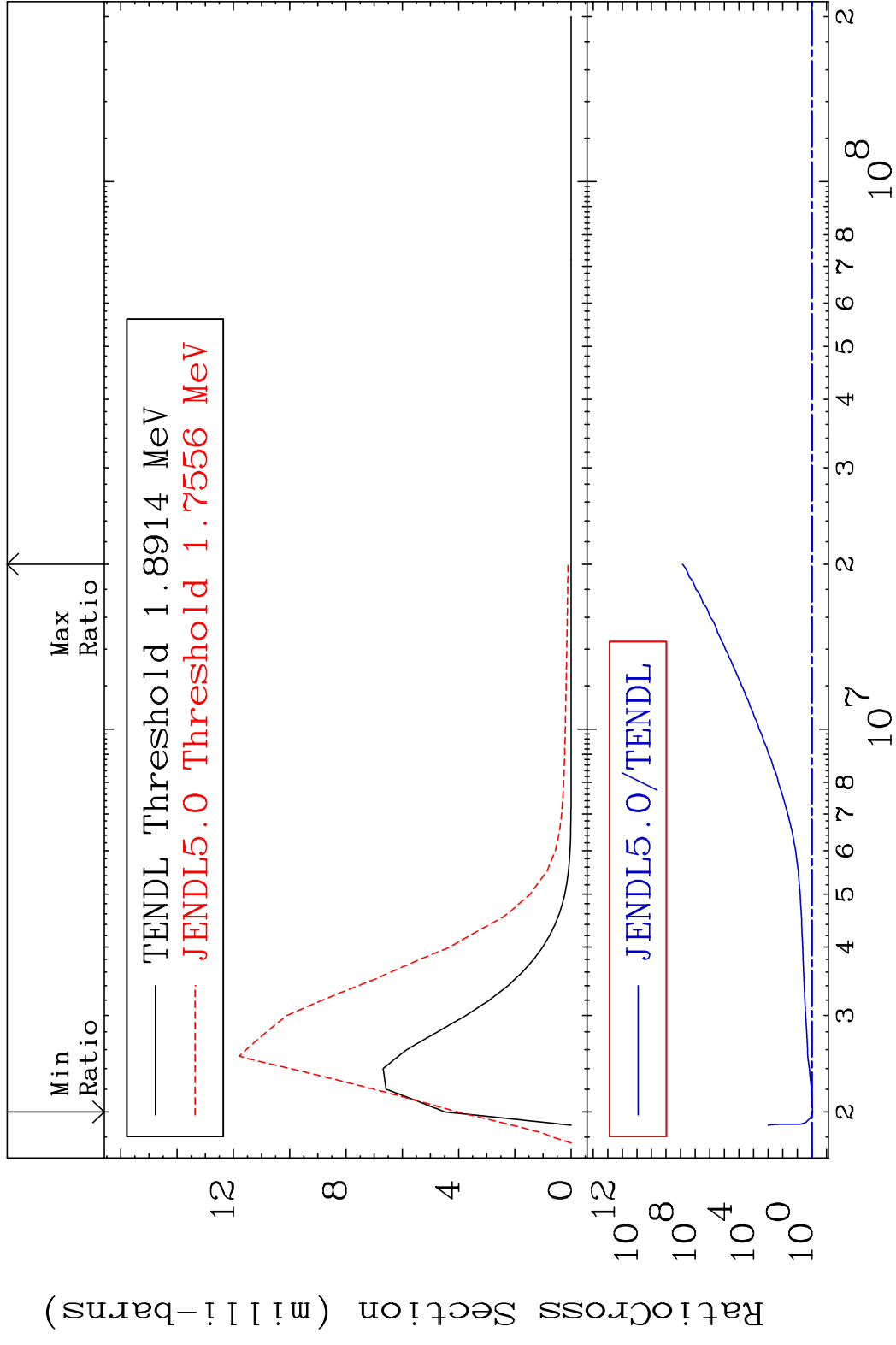
MAT 7831 MT= 74 (n,n') Level 78-Pt-192  
 Cross Section -67.94 To 9999. %



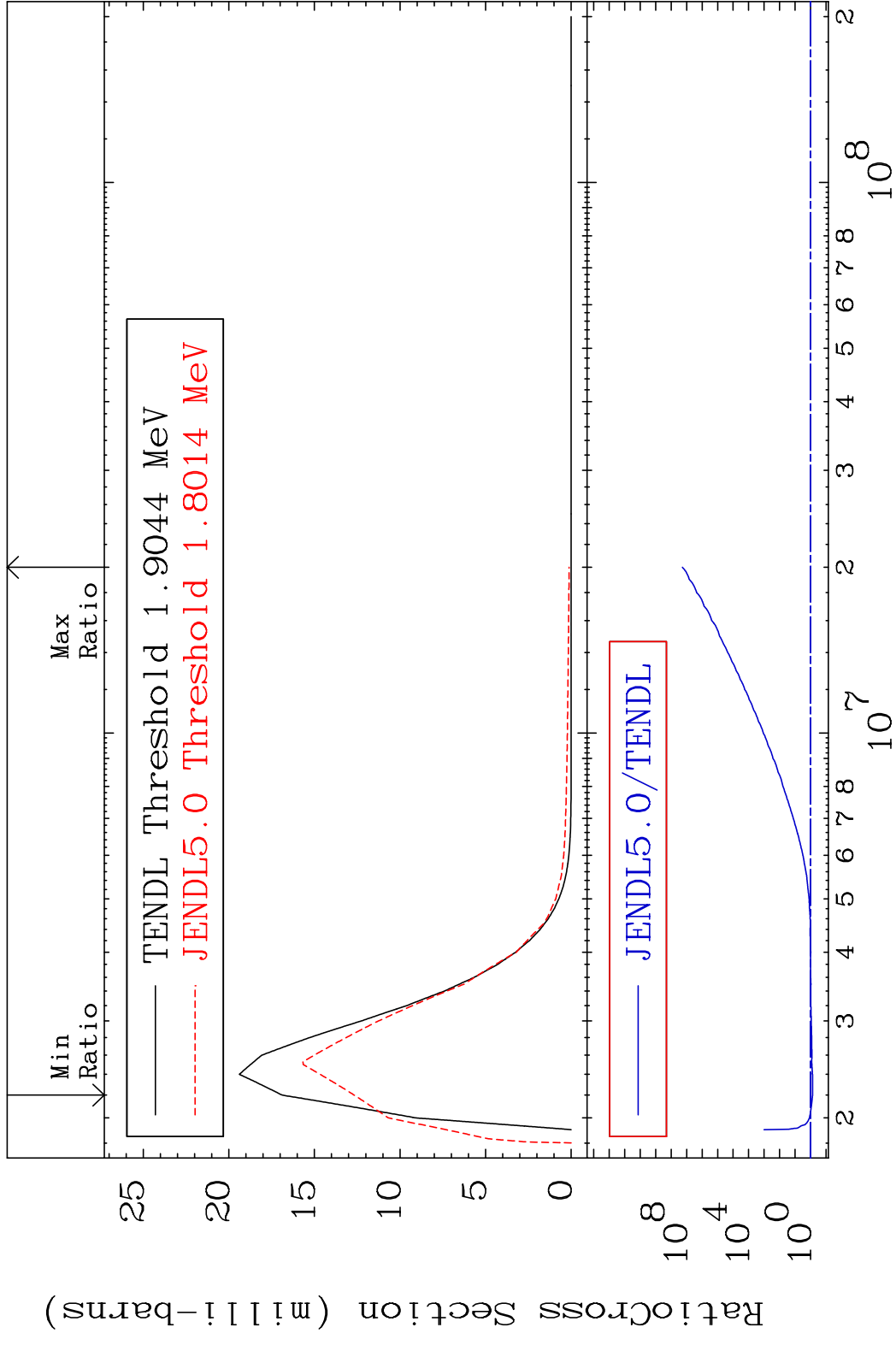
MAT 7831 MT= 75 (n, n') Level 78-Pt-192  
 Cross Section 94.09 To 9999. %



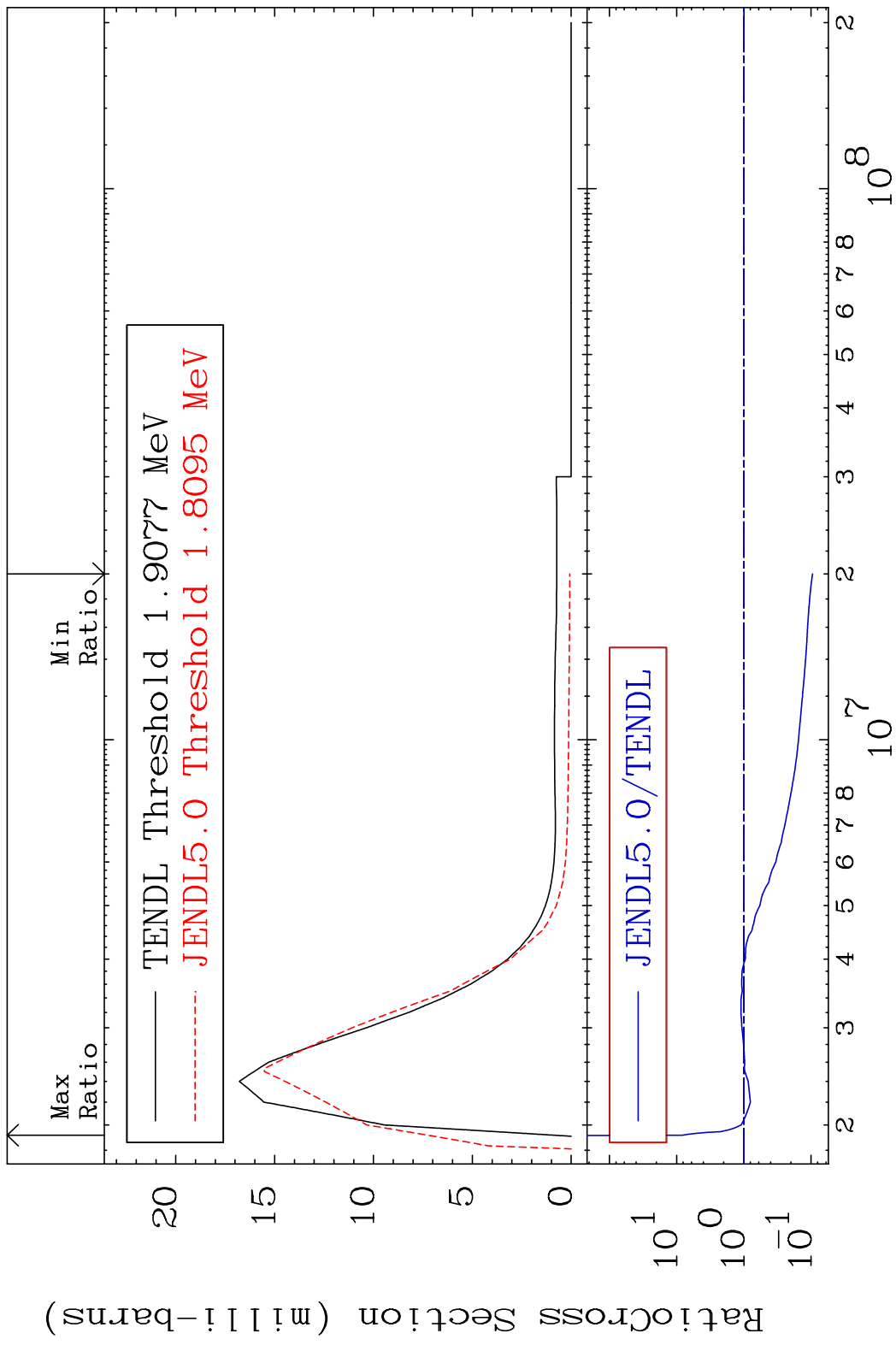
MAT 7831 MT= 76 (n, n') Level 78-Pt-192  
 Cross Section -10.13 To 9999. %



MAT 7831 MT= 77 (n, n') Level 78-Pt-192  
 Cross Section -24.91 To 9999. %



MAT 7831 MT= 78 (n, n') Level 78-Pt-192  
 Cross Section -90.50 To 722.2 %

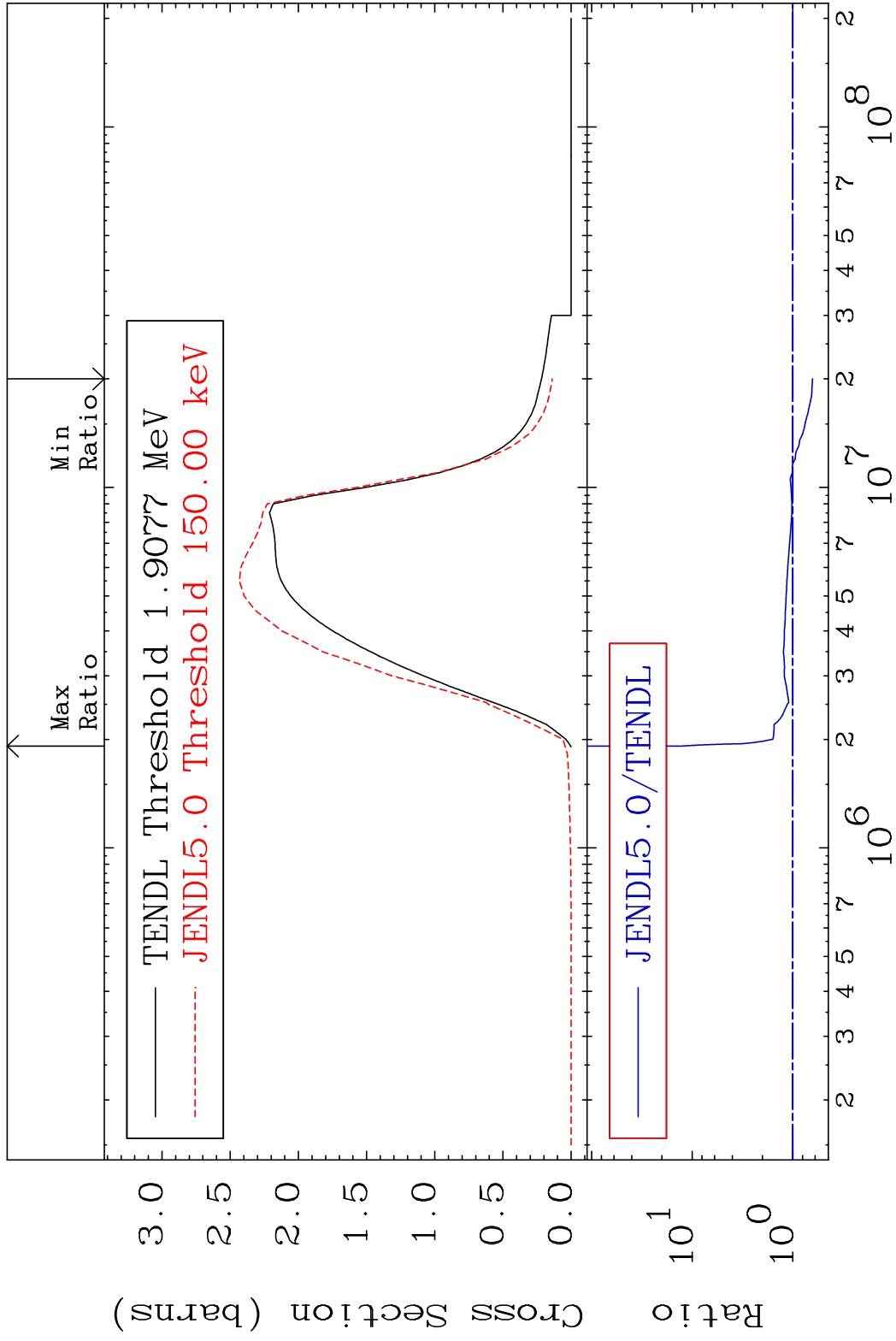


MAT 7831

(n, n') Continuum

78-Pt-192

Cross Section -36.39 To 1153. %

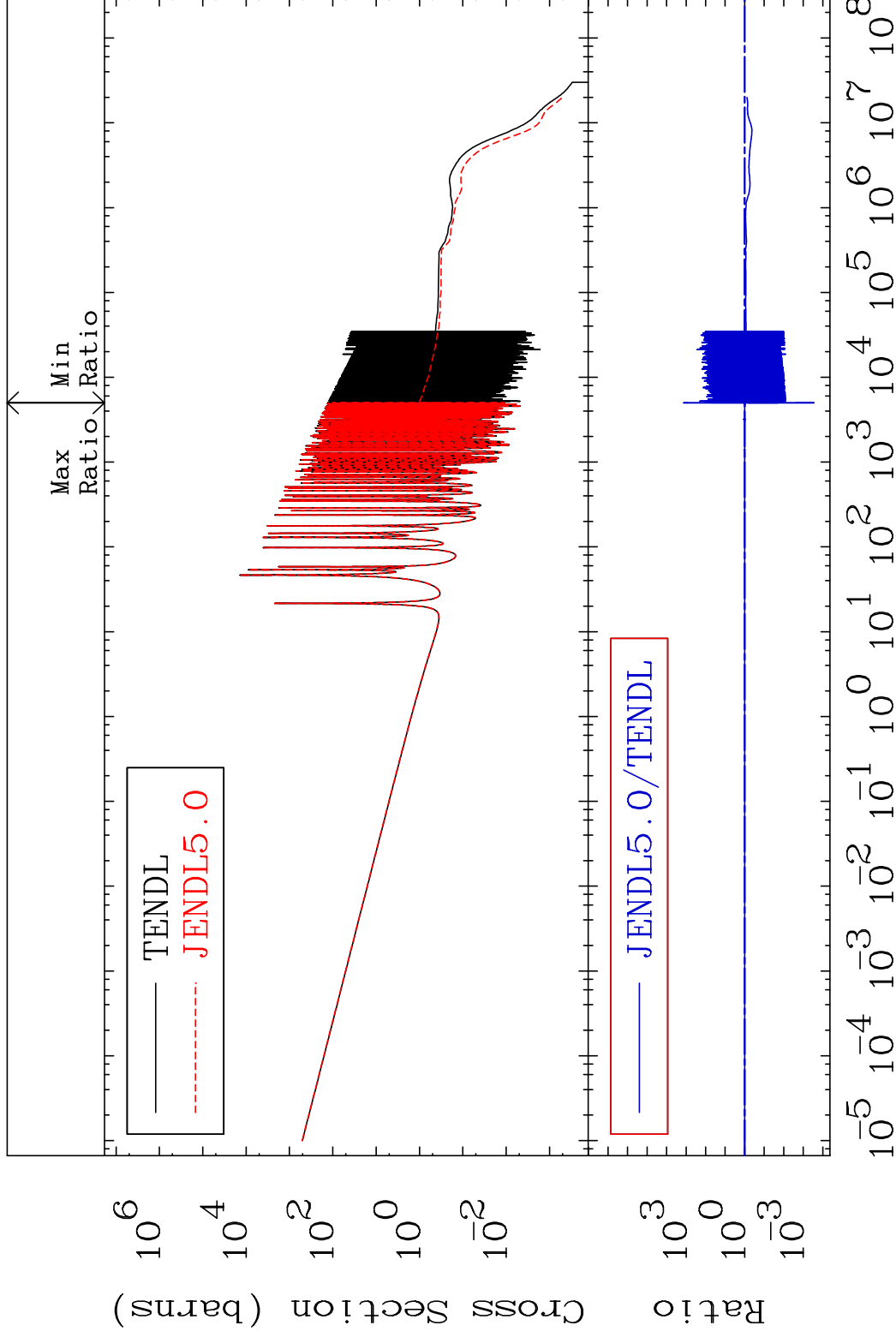


MAT 7831

(n,  $\gamma$ )

78-Pt-192

Cross Section -99.97 To 9999. %



39

Incident Energy (eV)

78-Pt-192

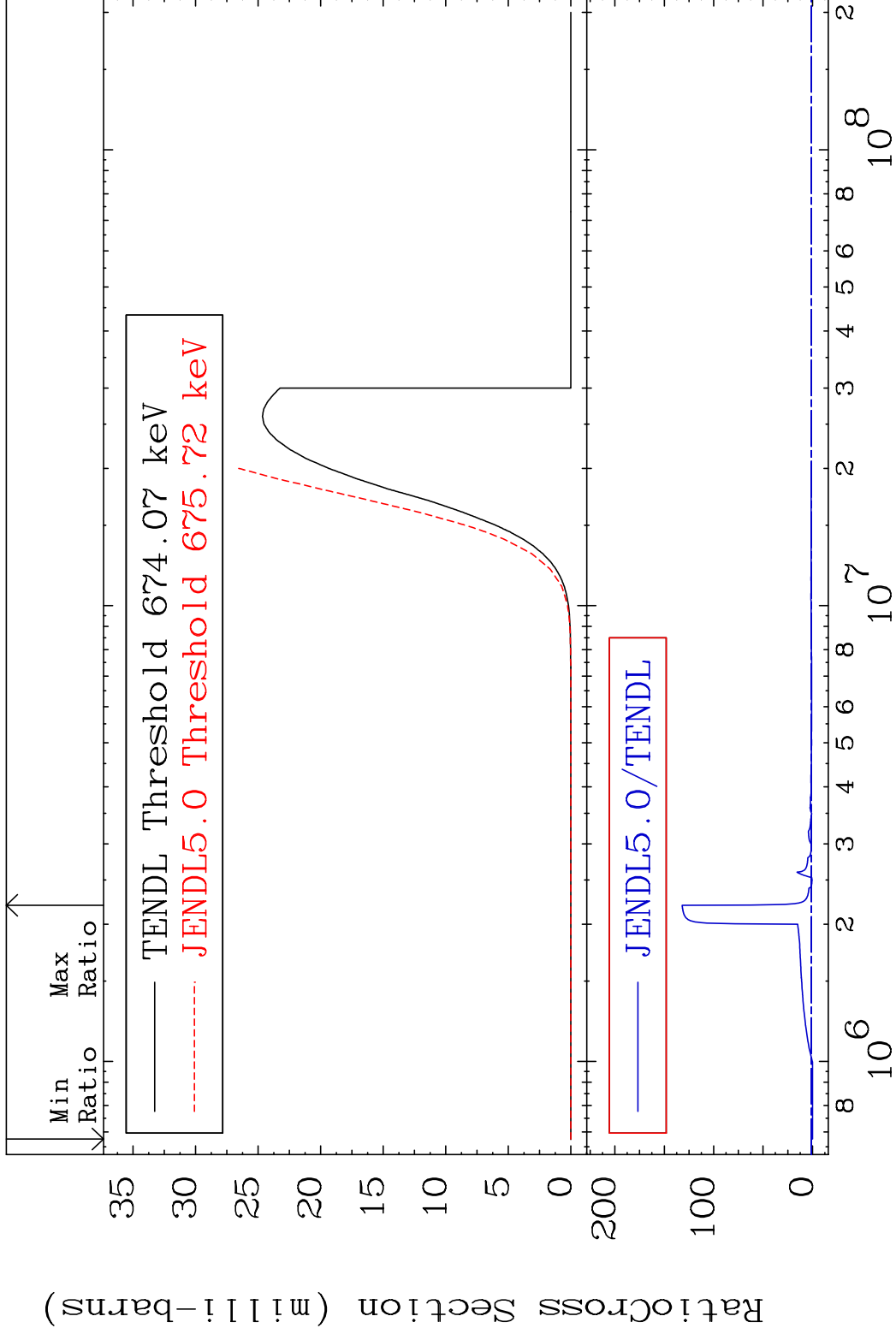


MAT 7831

(n,p)

78-Pt-192

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

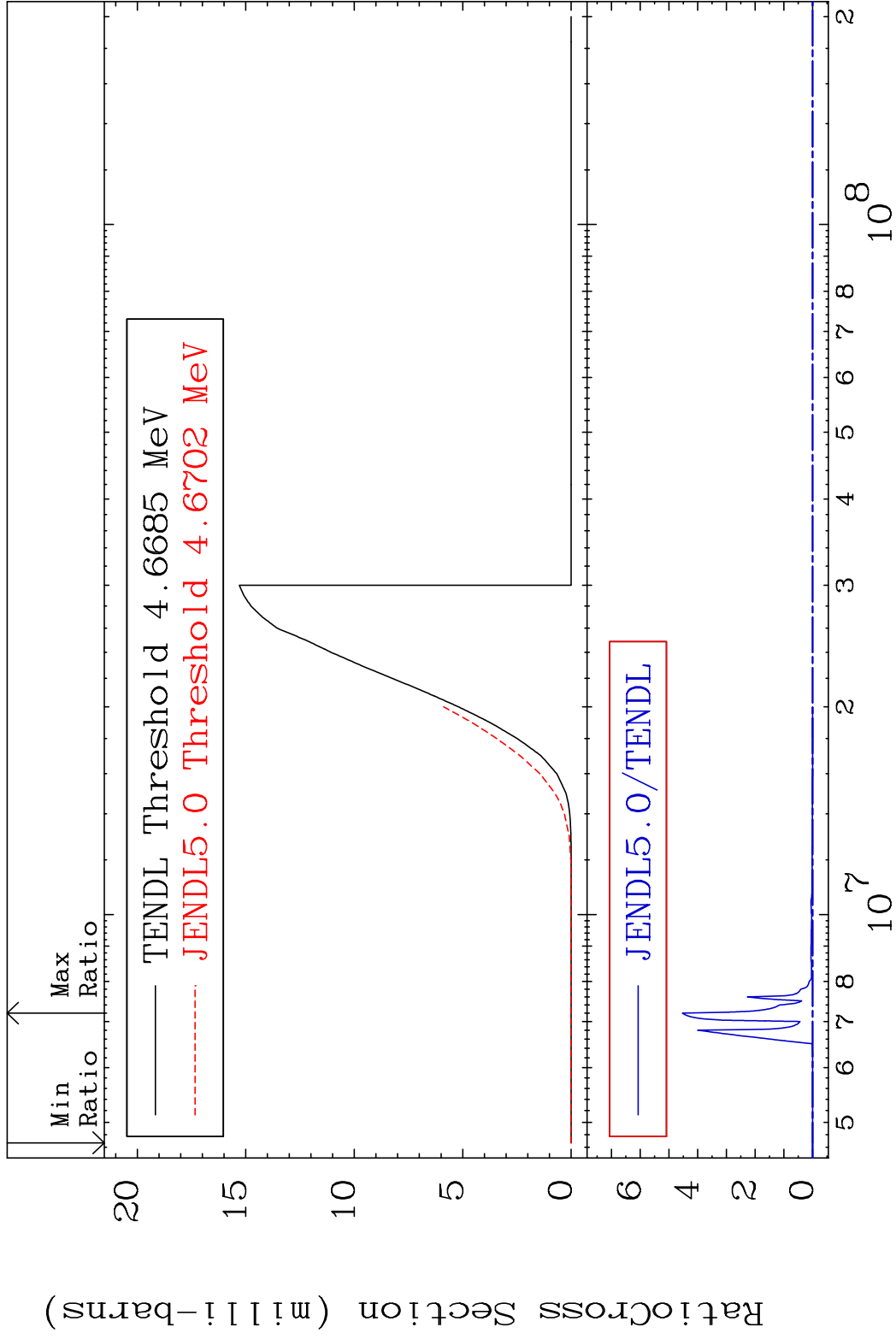
78-Pt-192

MAT 7831

(n,d)

78-Pt-192

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

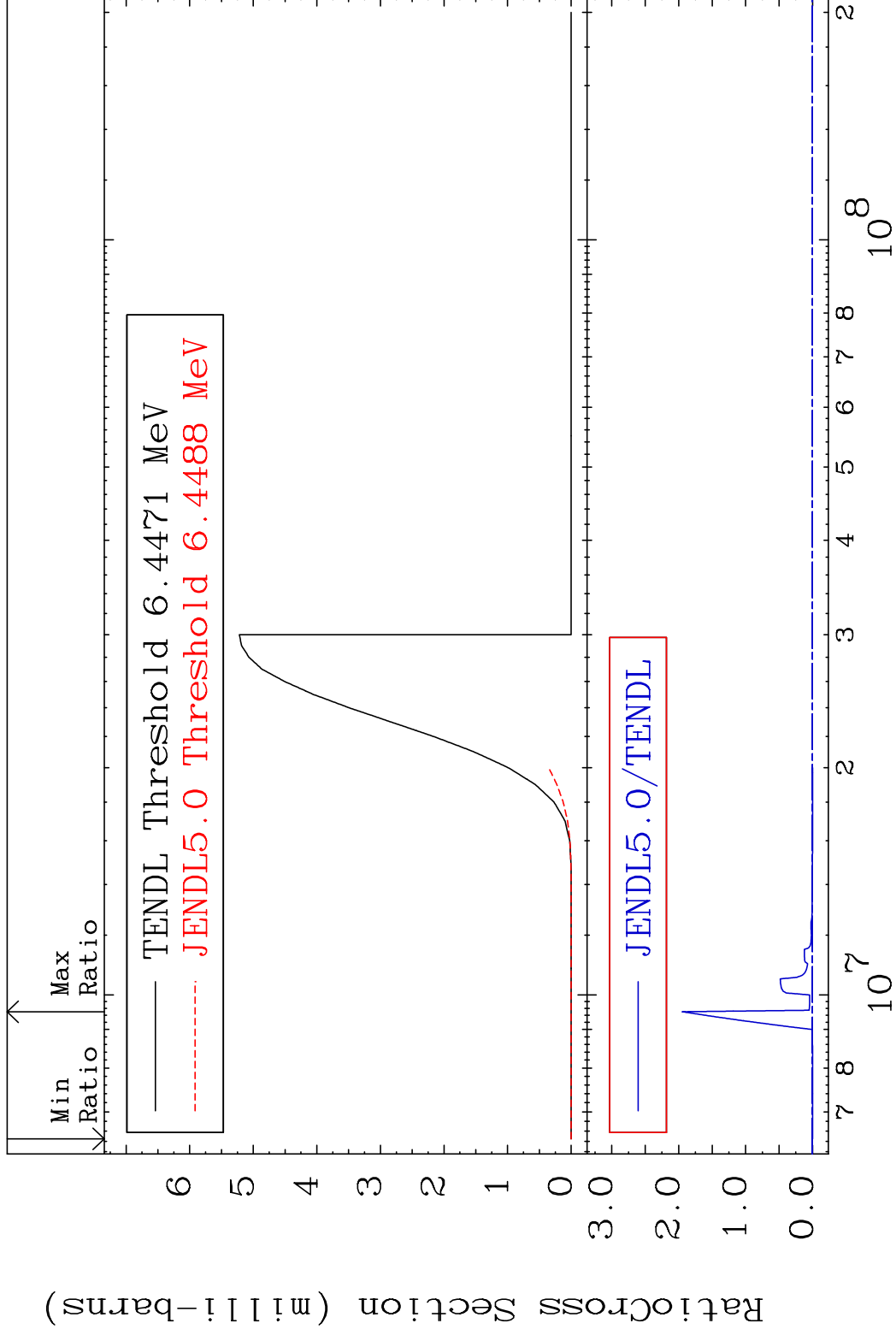
78-Pt-192

MAT 7831

(n, t)

78-Pt-192

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

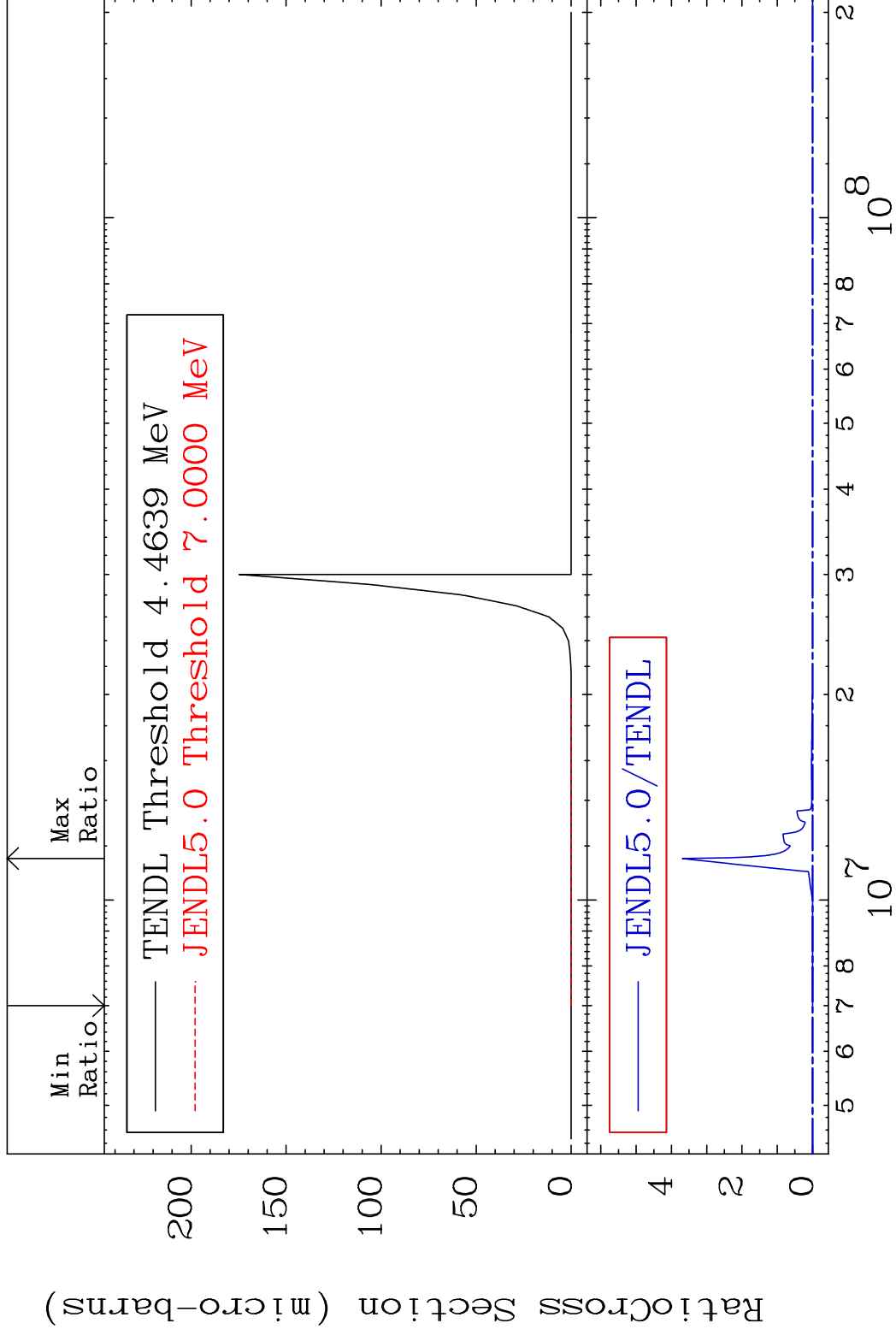
78-Pt-192

MAT 7831

(n, He-3)

78-Pt-192

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

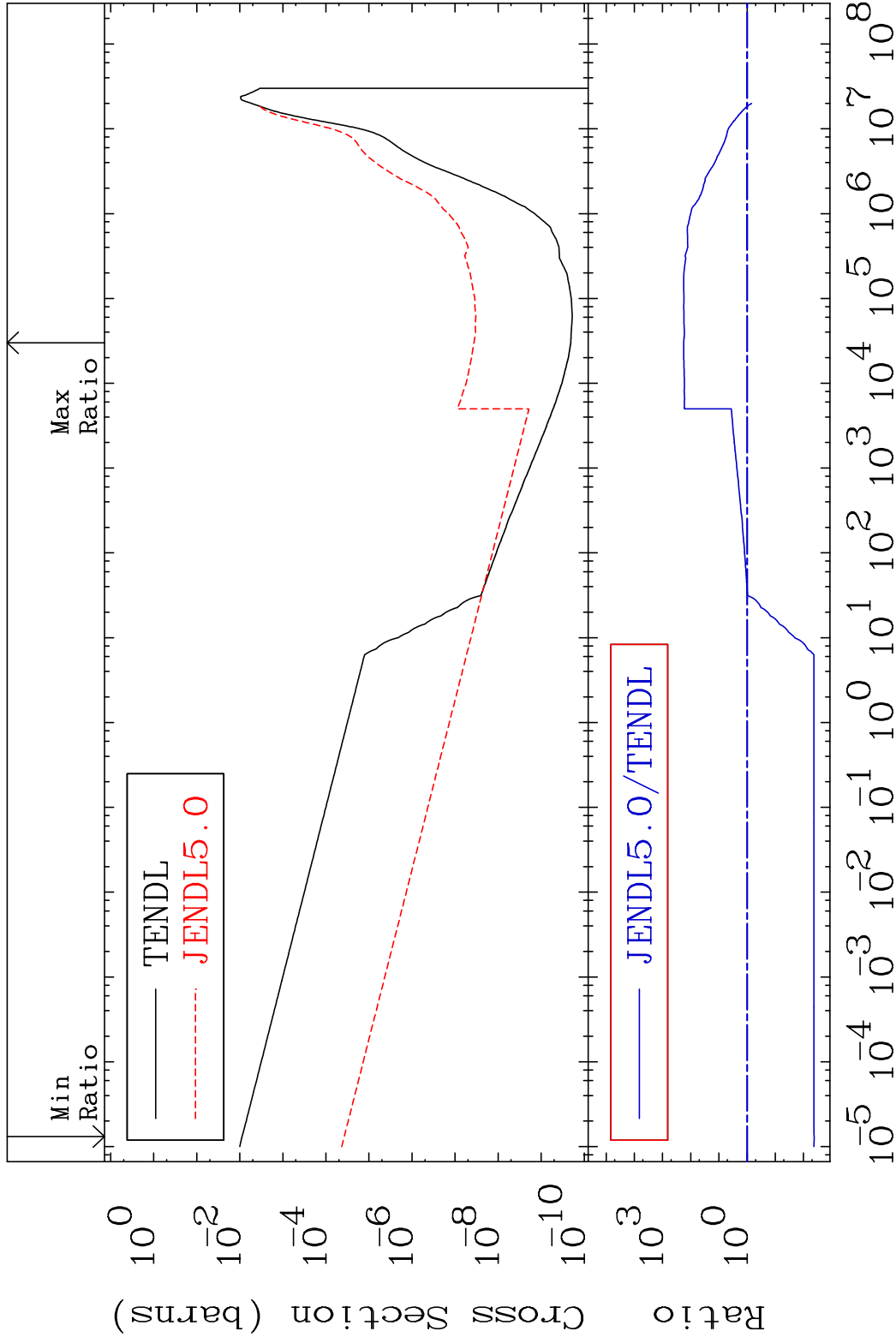
78-Pt-192

MAT 7831

(n,  $\alpha$ )

78-Pt-192

Cross Section -99.58 To 9999. %

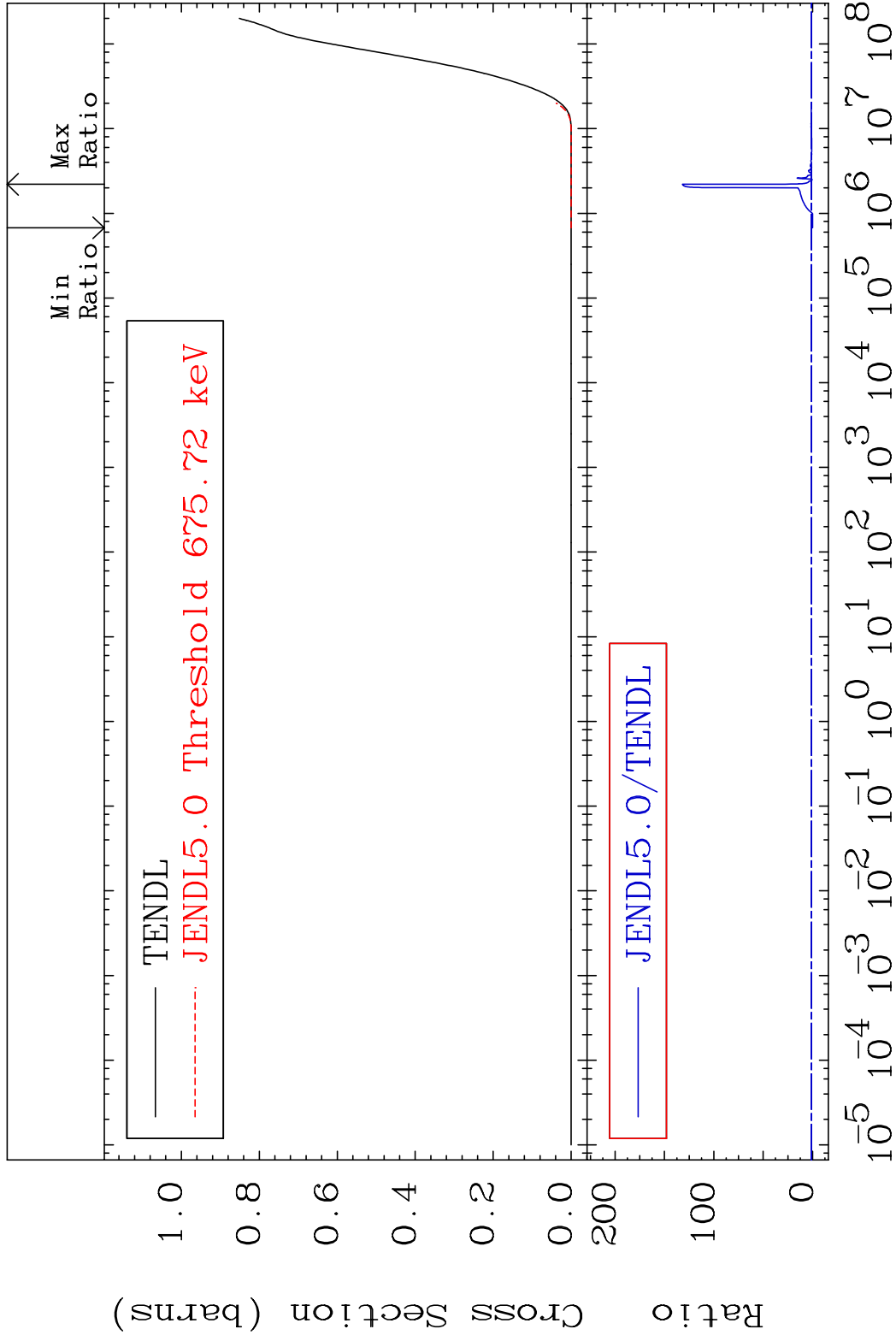


MAT 7831

Hydrogen Production

78-Pt-192

Cross Section -100.0 To 9999. %

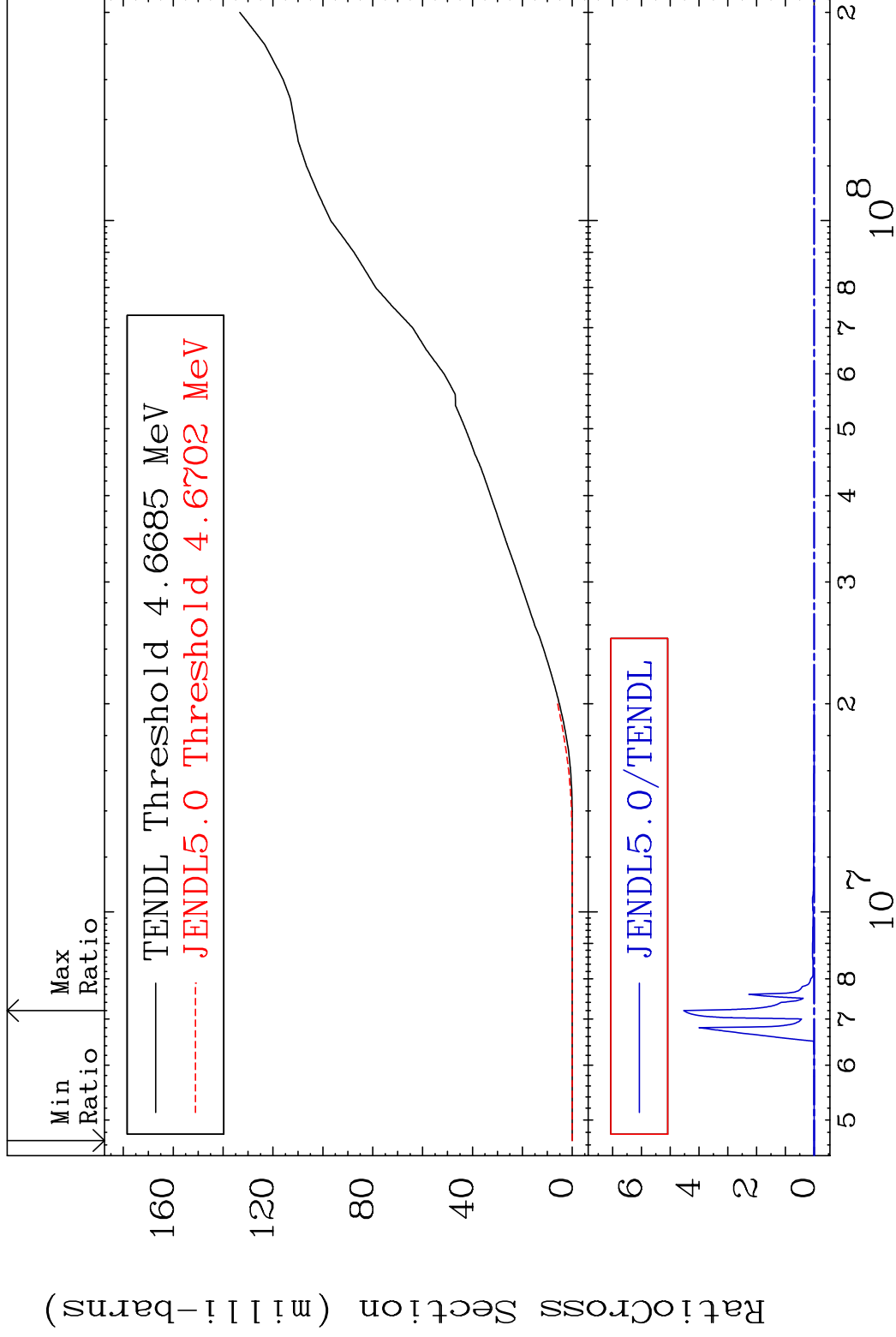


45

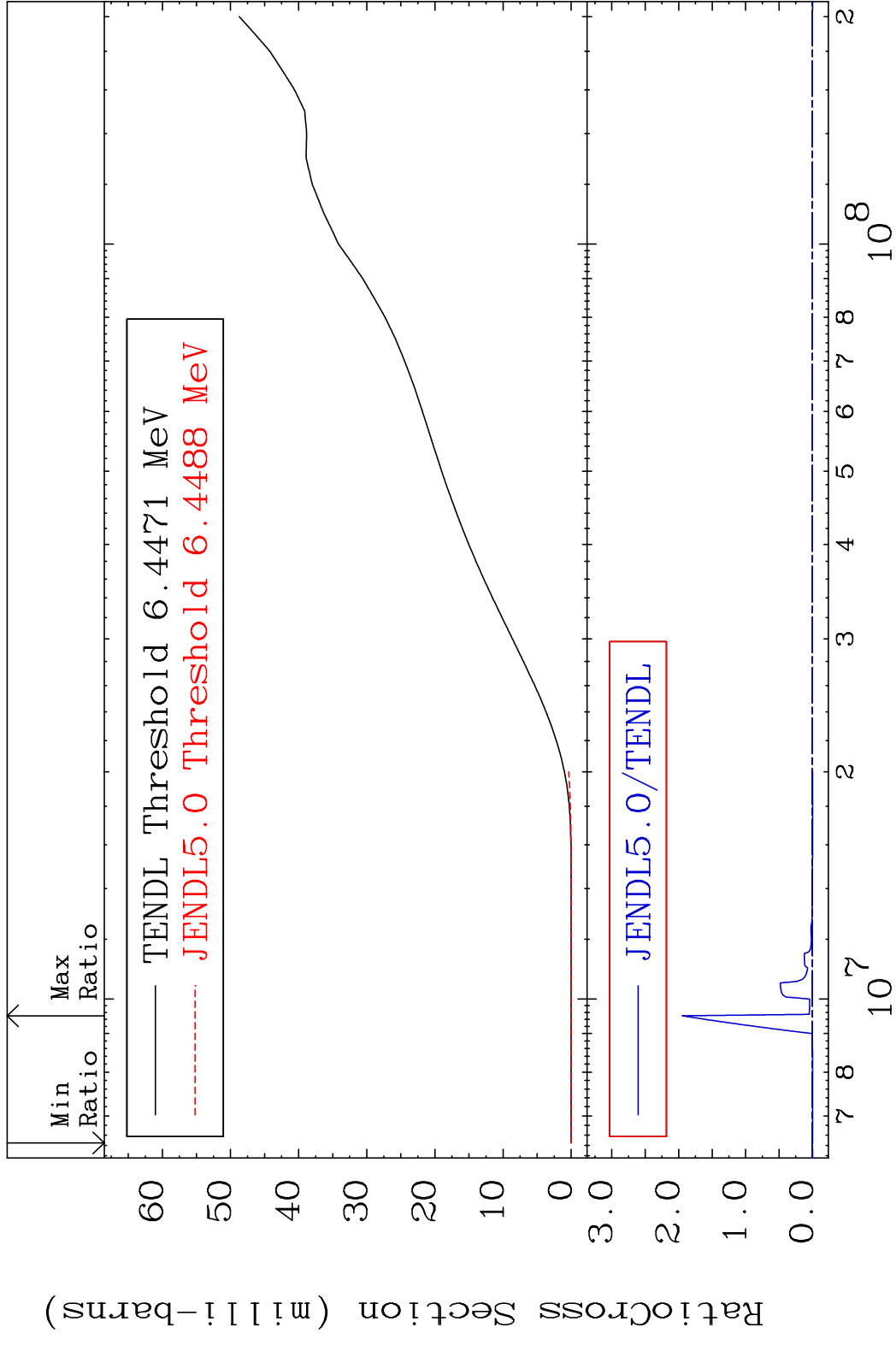
Incident Energy (eV)

78-Pt-192

Cross Section -100.0 To 9999. %



MAT 7831 Tritium Production 78-Pt-192  
 Cross Section -100.0 To 9999. %



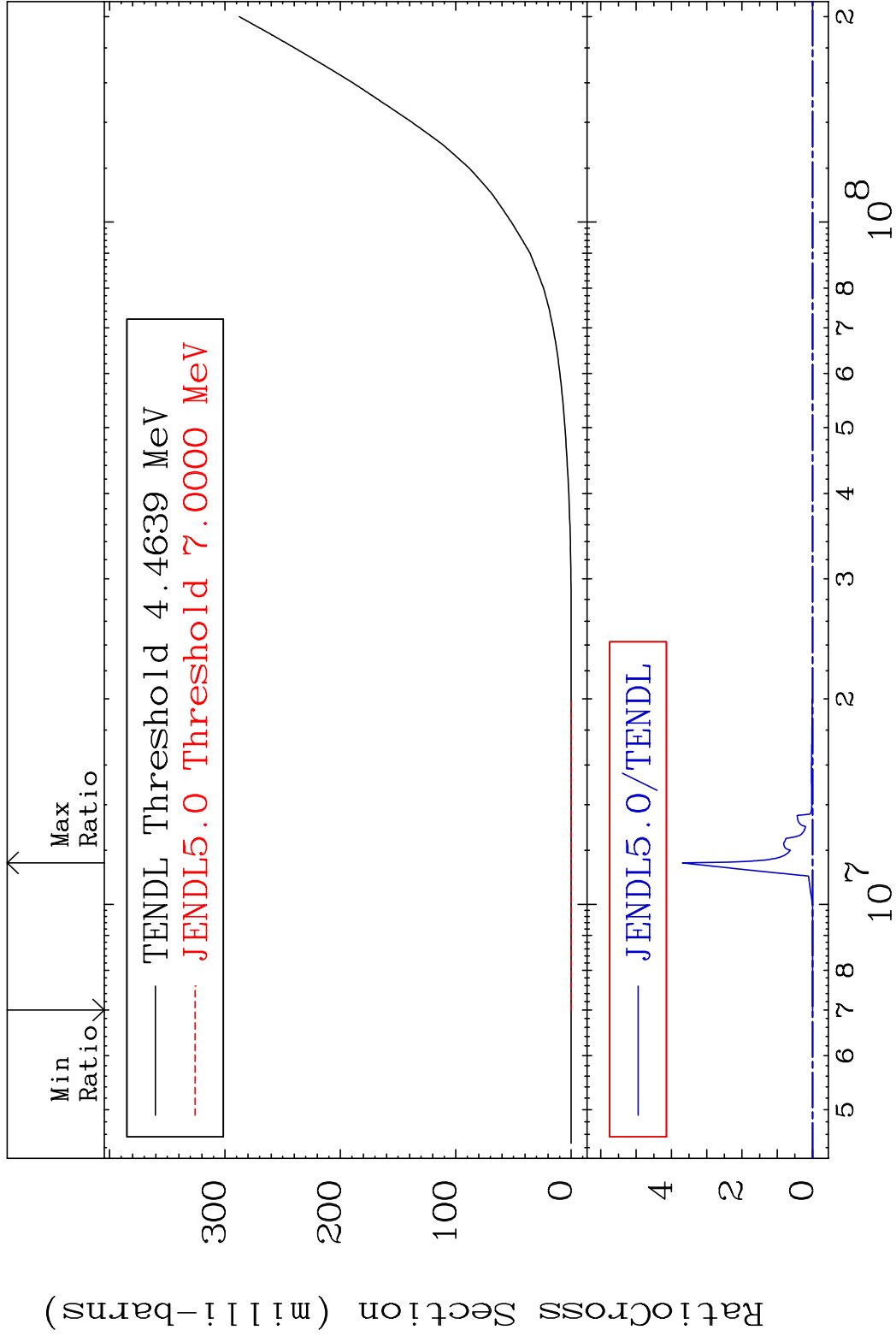


MAT 7831

He-3 Production

78-Pt-192

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

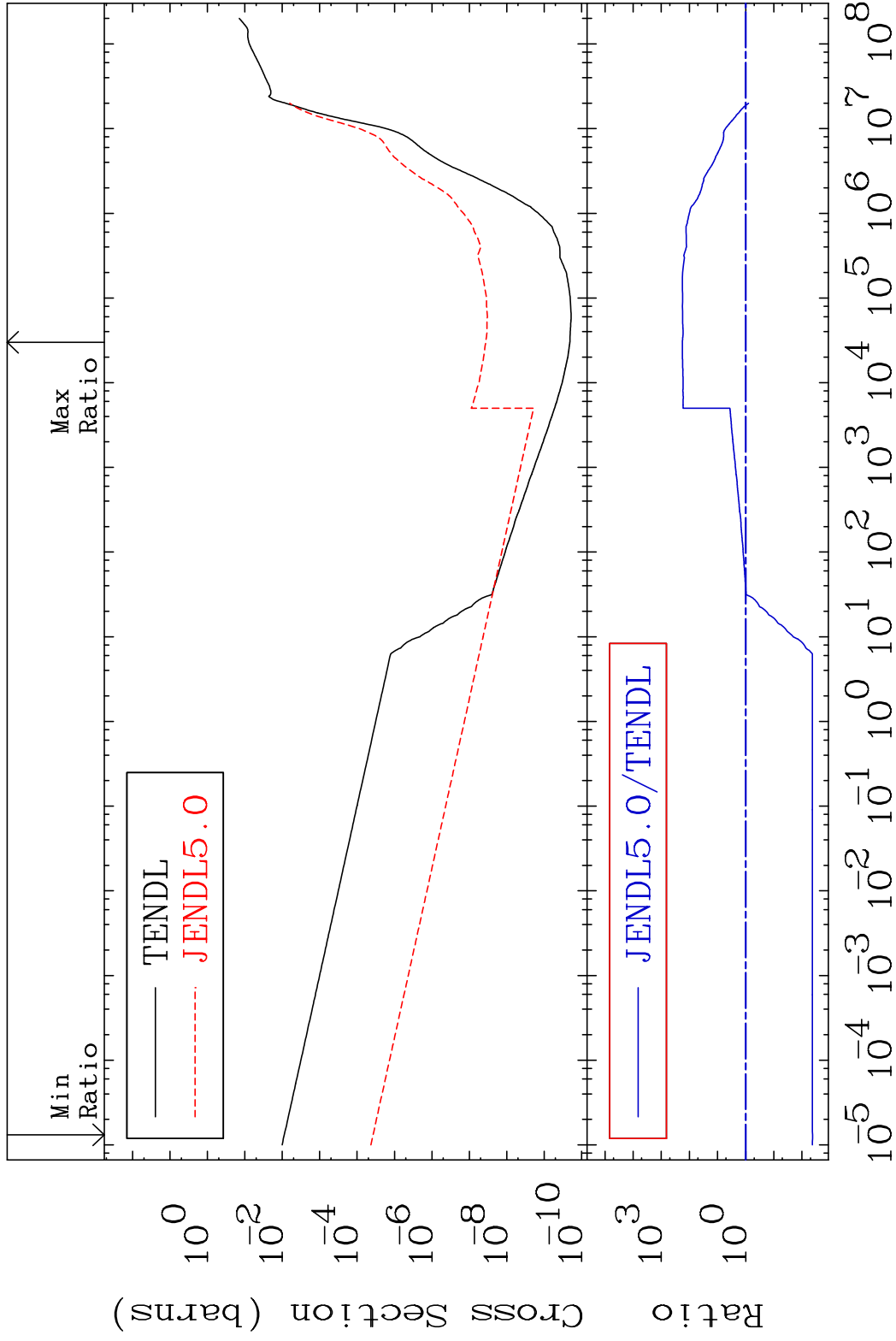
78-Pt-192

MAT 7831

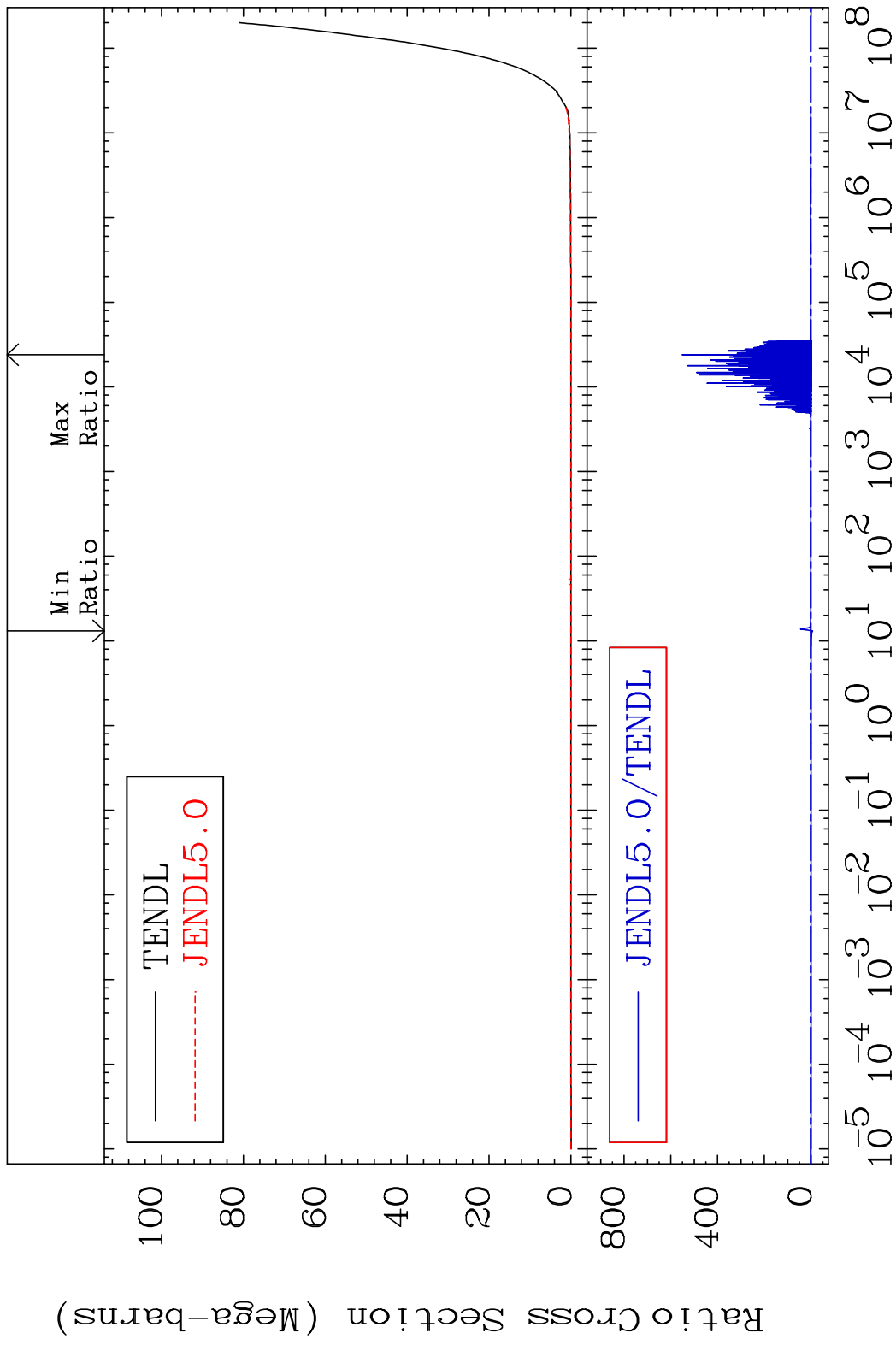
He-4 Production

78-Pt-192

Cross Section -99.58 To 9999. %



MAT 7831 Kerma total (eV-barns) 78-Pt-192  
Cross Section -736.8 To 9999. %



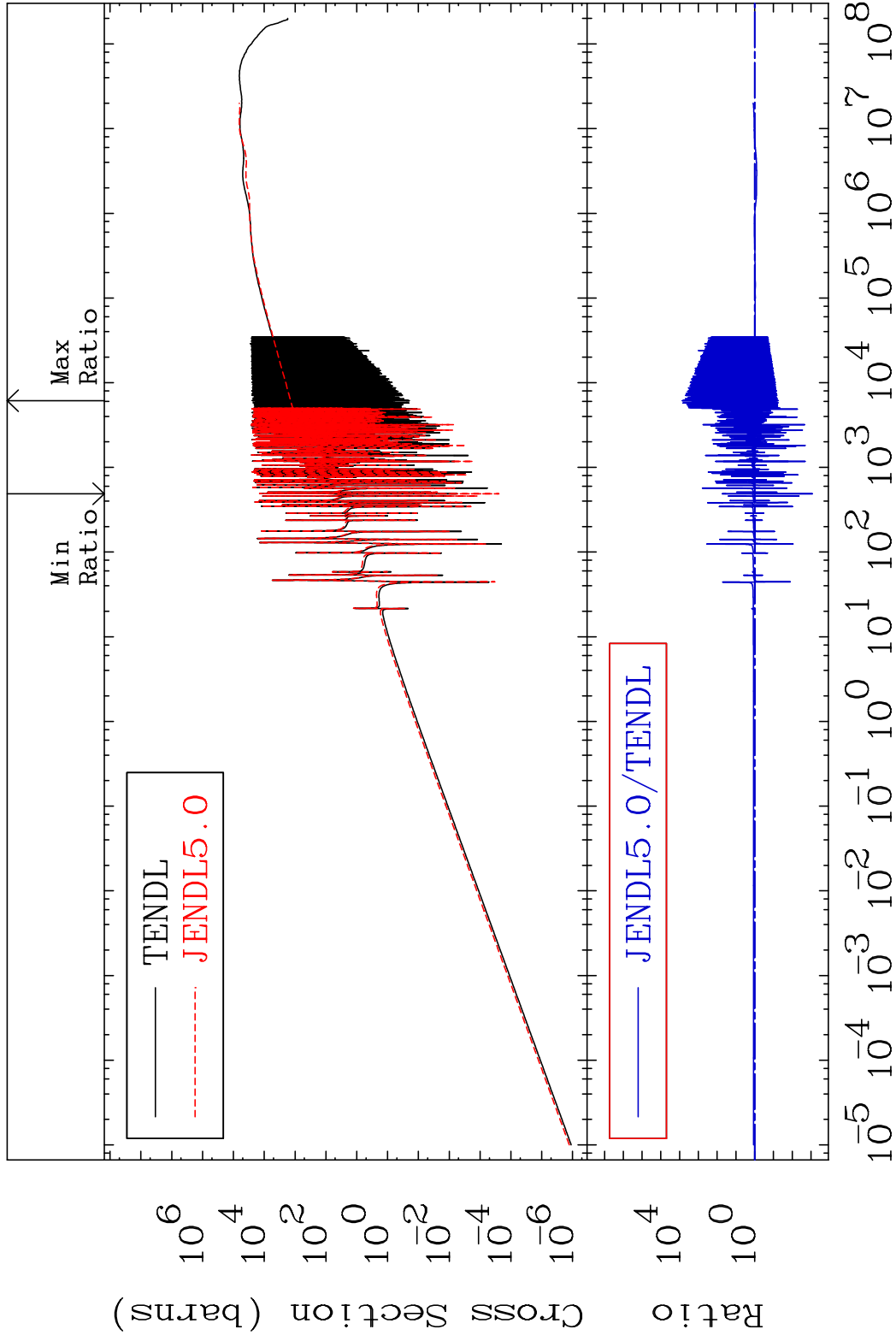
50 Incident Energy (eV) 78-Pt-192

MAT 7831

Kerma elastic

78-Pt-192

Cross Section -99.92 To 9999. %

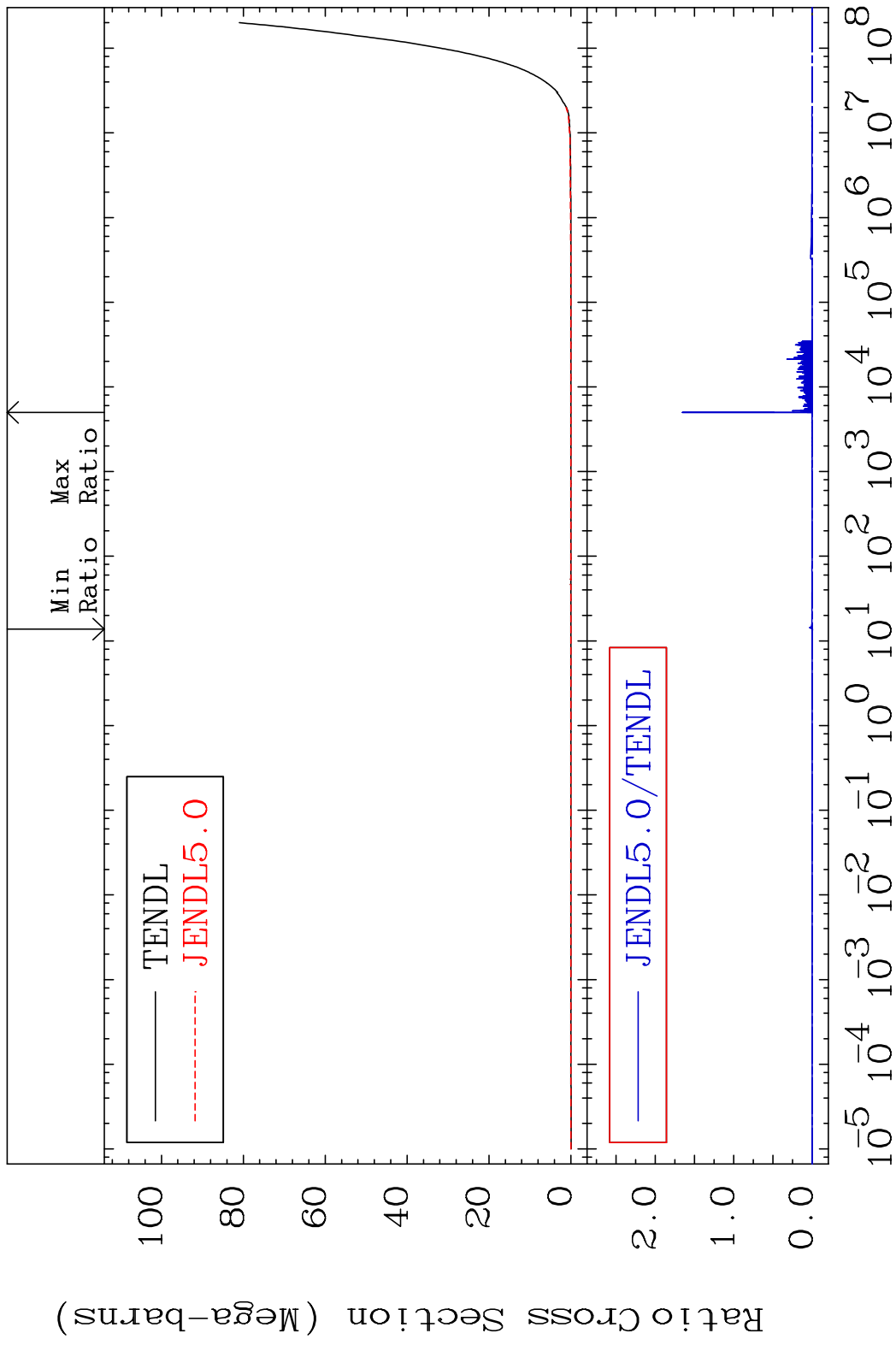


51

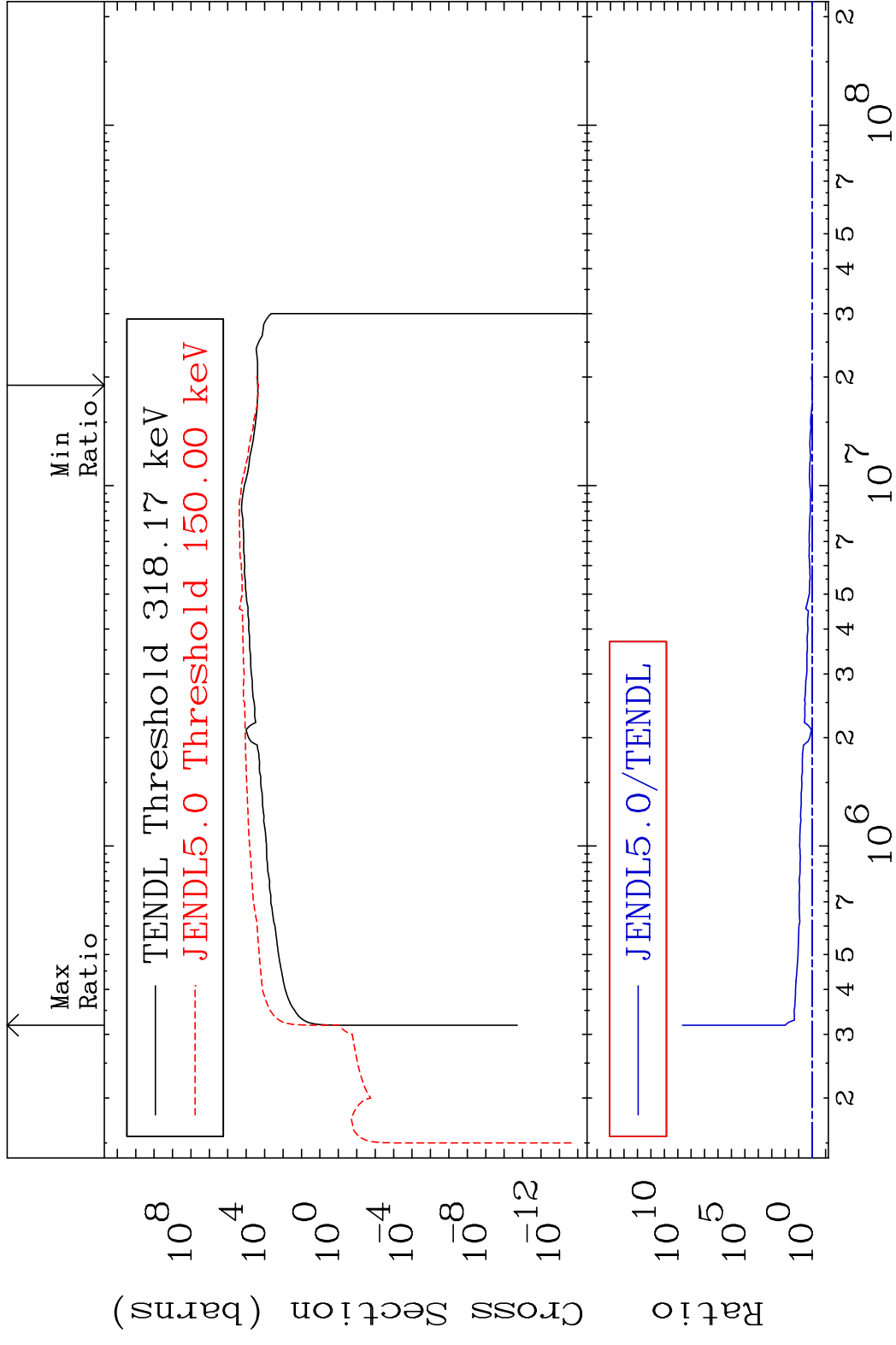
Incident Energy (eV)

78-Pt-192

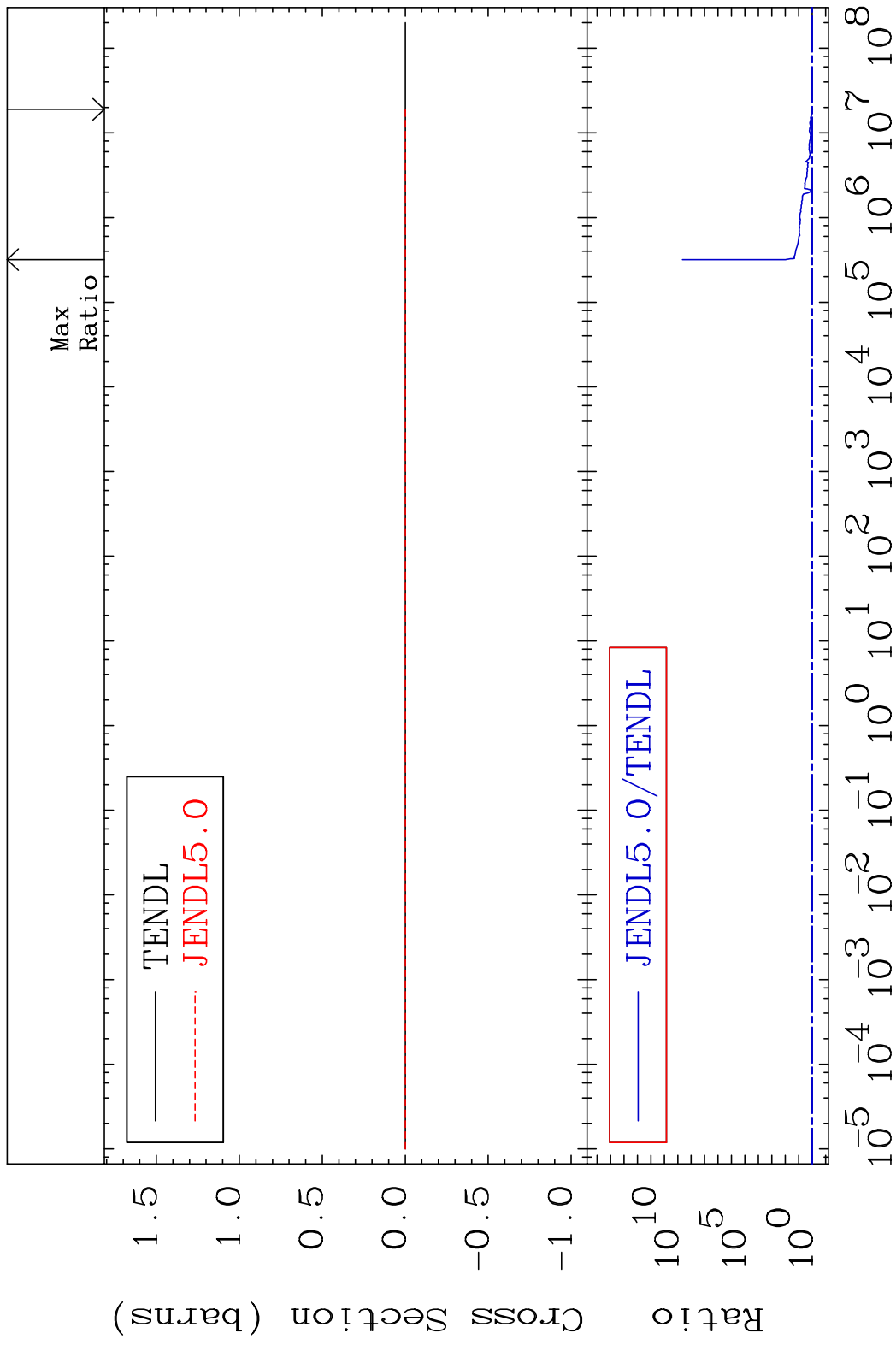
MAT 7831 Kerma non-elastic (all but mt2) 78-Pt-192  
 Cross Section -635.2 To 9999. %



MAT 7831 Kerma inelastic (mt51-91) 78-Pt-192  
 Cross Section -7.950 To 9999. %



MAT 7831 Kerma fission (mt18 or mt19-20-21-38)78-Pt-192  
 Cross Section -7.950 To 9999. %

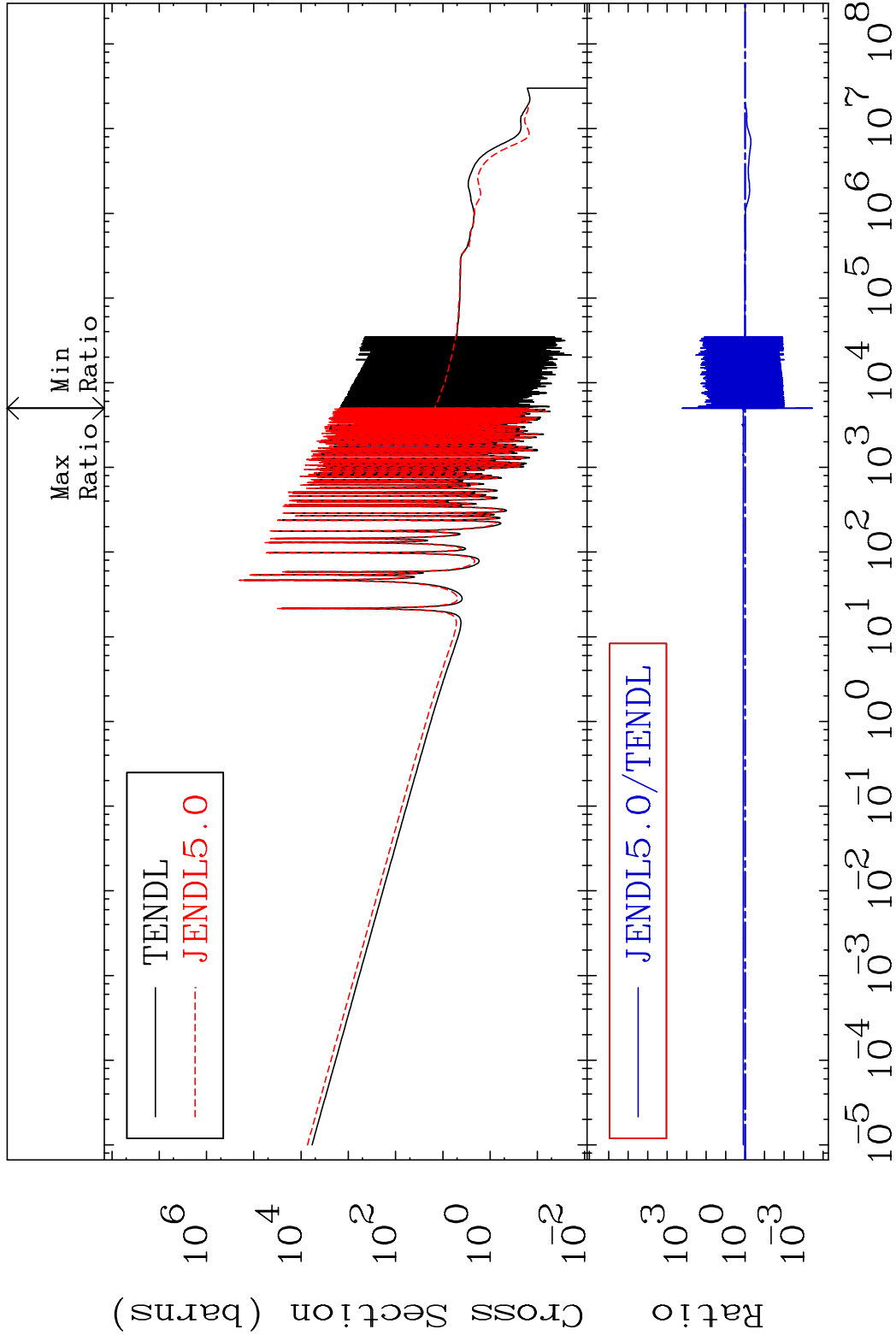


MAT 7831

Kerma capture (mt102)

78-Pt-192

Cross Section -99.97 To 9999. %



55

Incident Energy (eV)

78-Pt-192

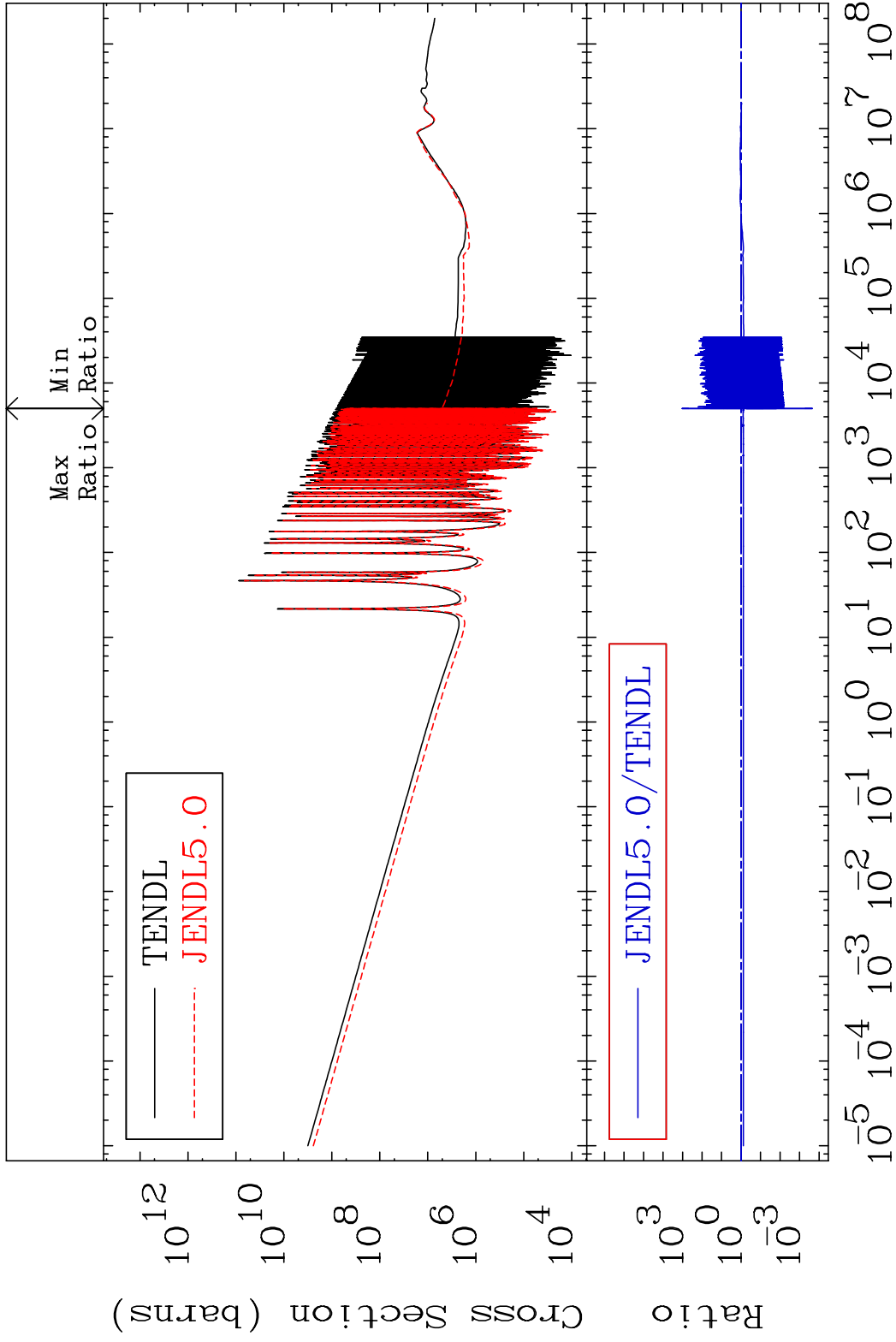


MAT 7831

Total photon (eV-barns)

78-Pt-192

Cross Section -99.98 To 9999. %

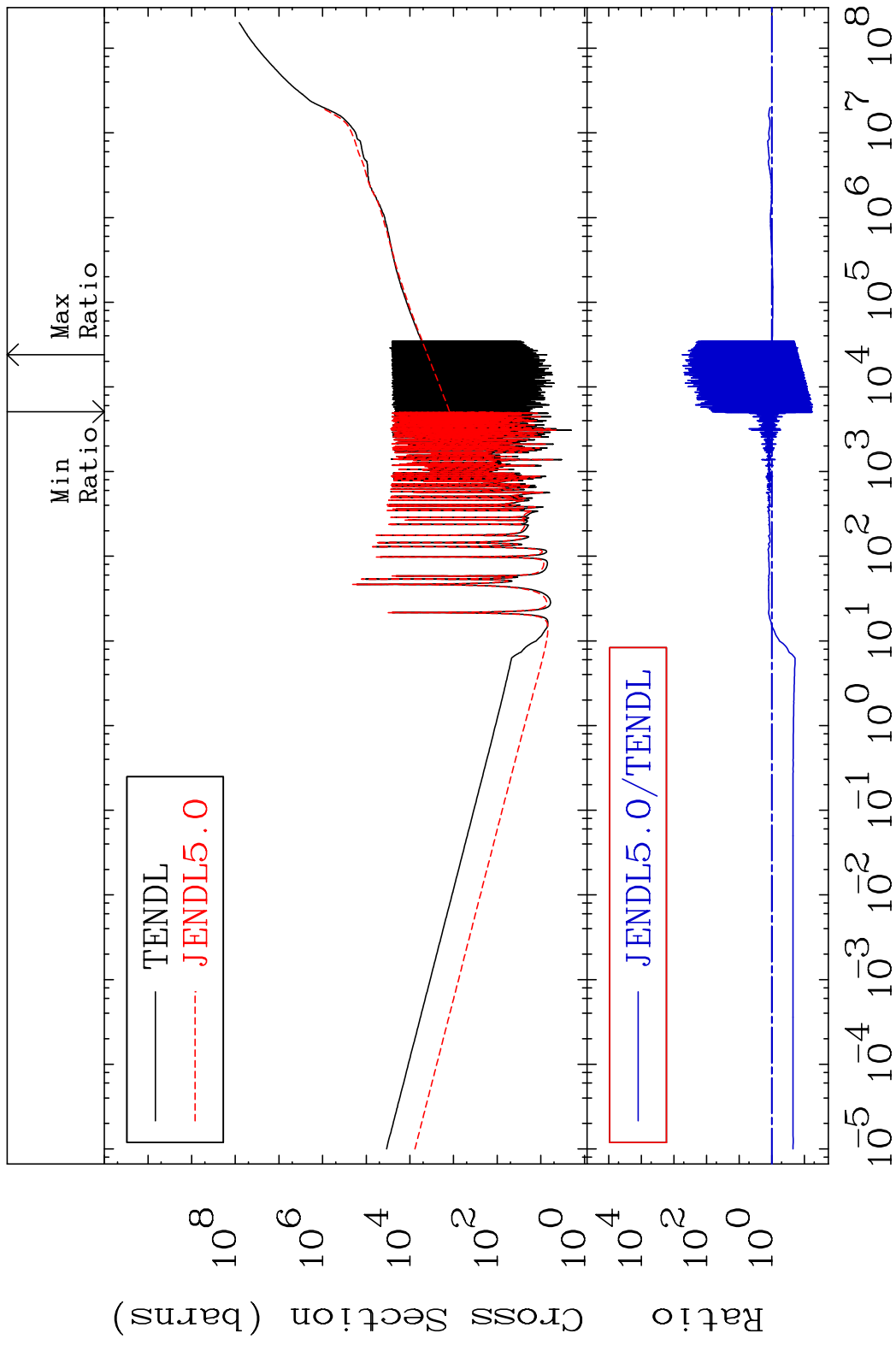


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Incident Energy (eV)

78-Pt-192

MAT 7831 Total kinematic kerma (high limit) 78-Pt-192  
 Cross Section -94.39 To 9999. %

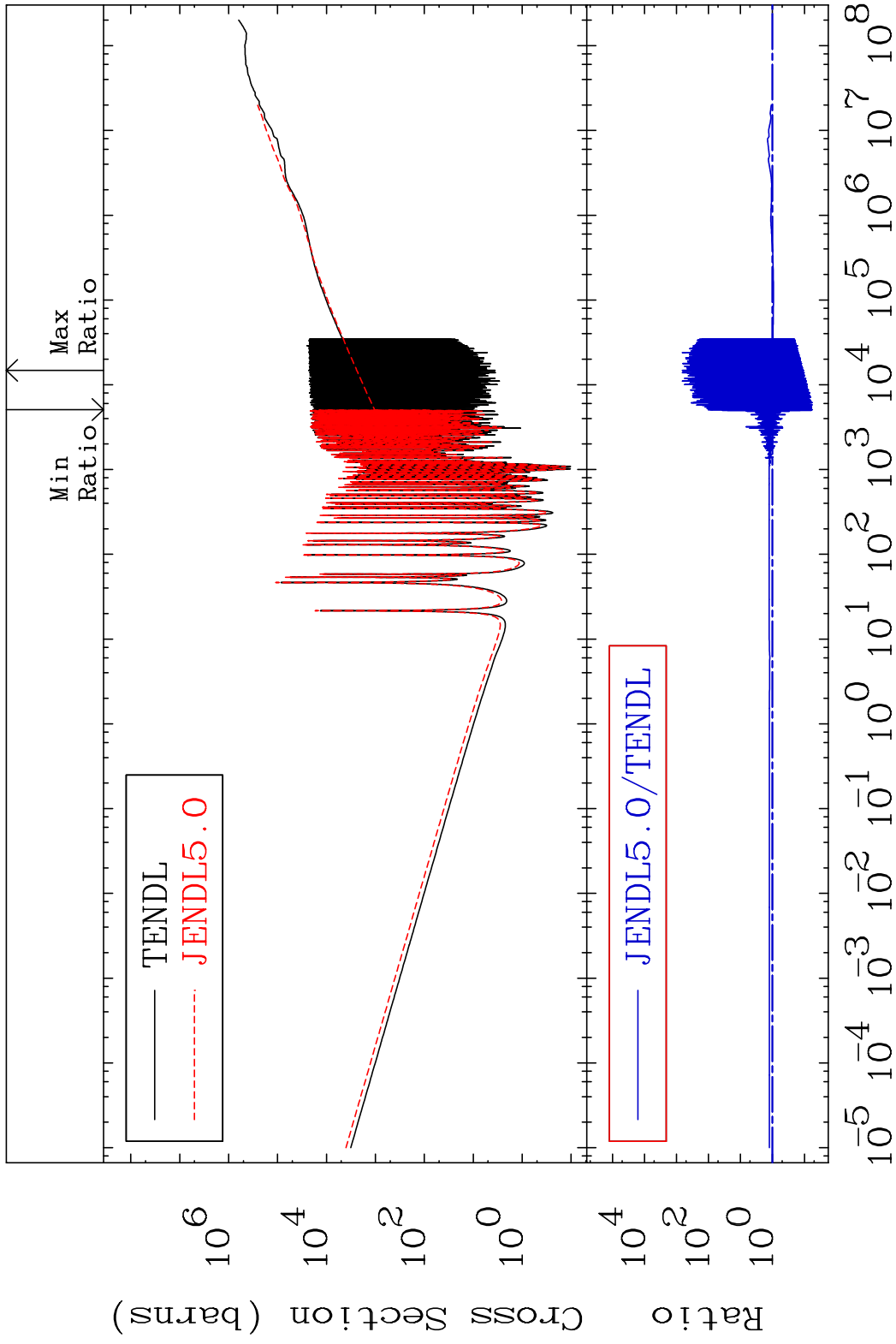


MAT 7831

Dpa total (eV-barns)

78-Pt-192

Cross Section -94.40 To 9999. %



58

Incident Energy (eV)

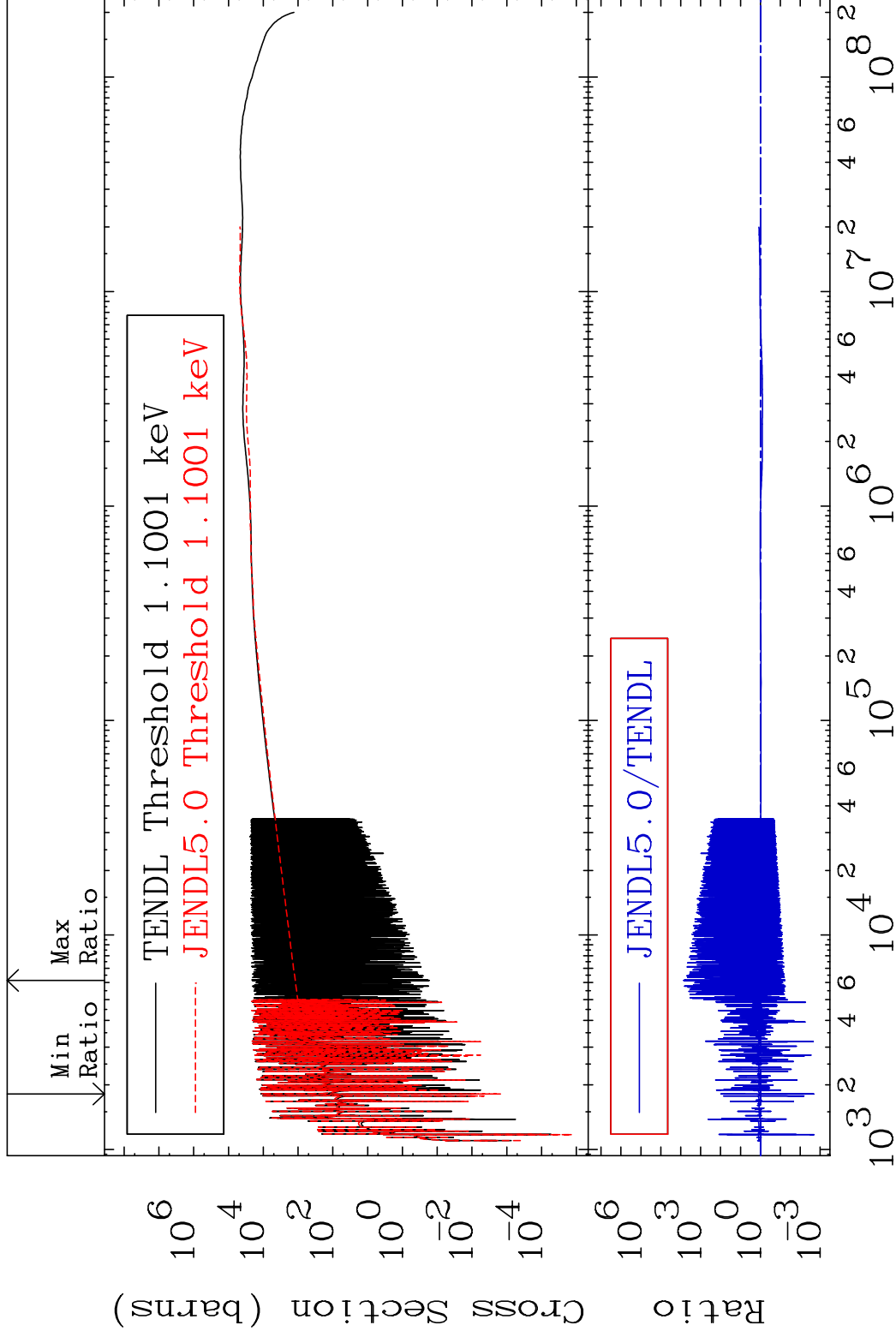
78-Pt-192

MAT 7831

Dpa elastic (mt2)

78-Pt-192

Cross Section -99.80 To 9999. %

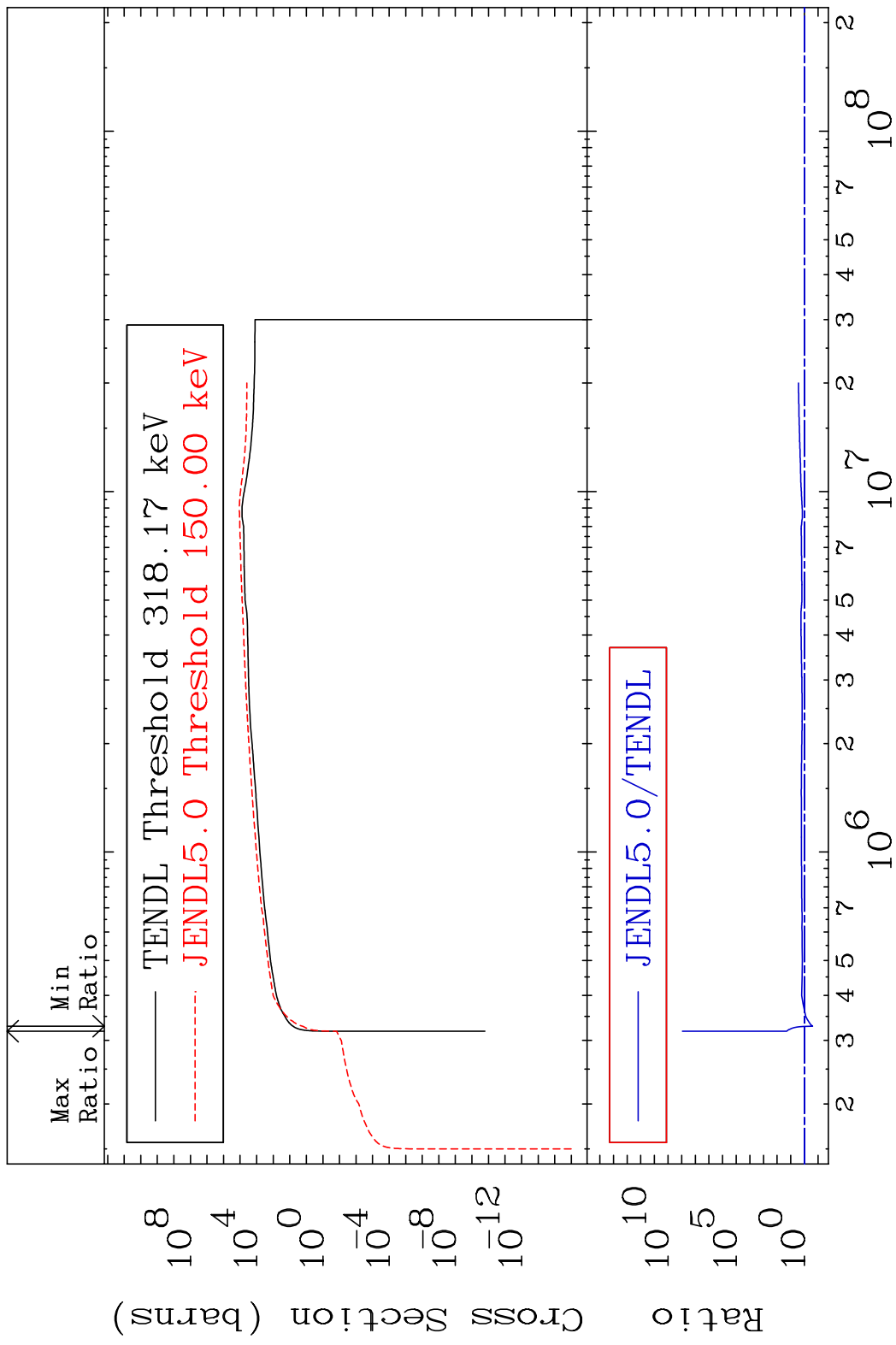


59

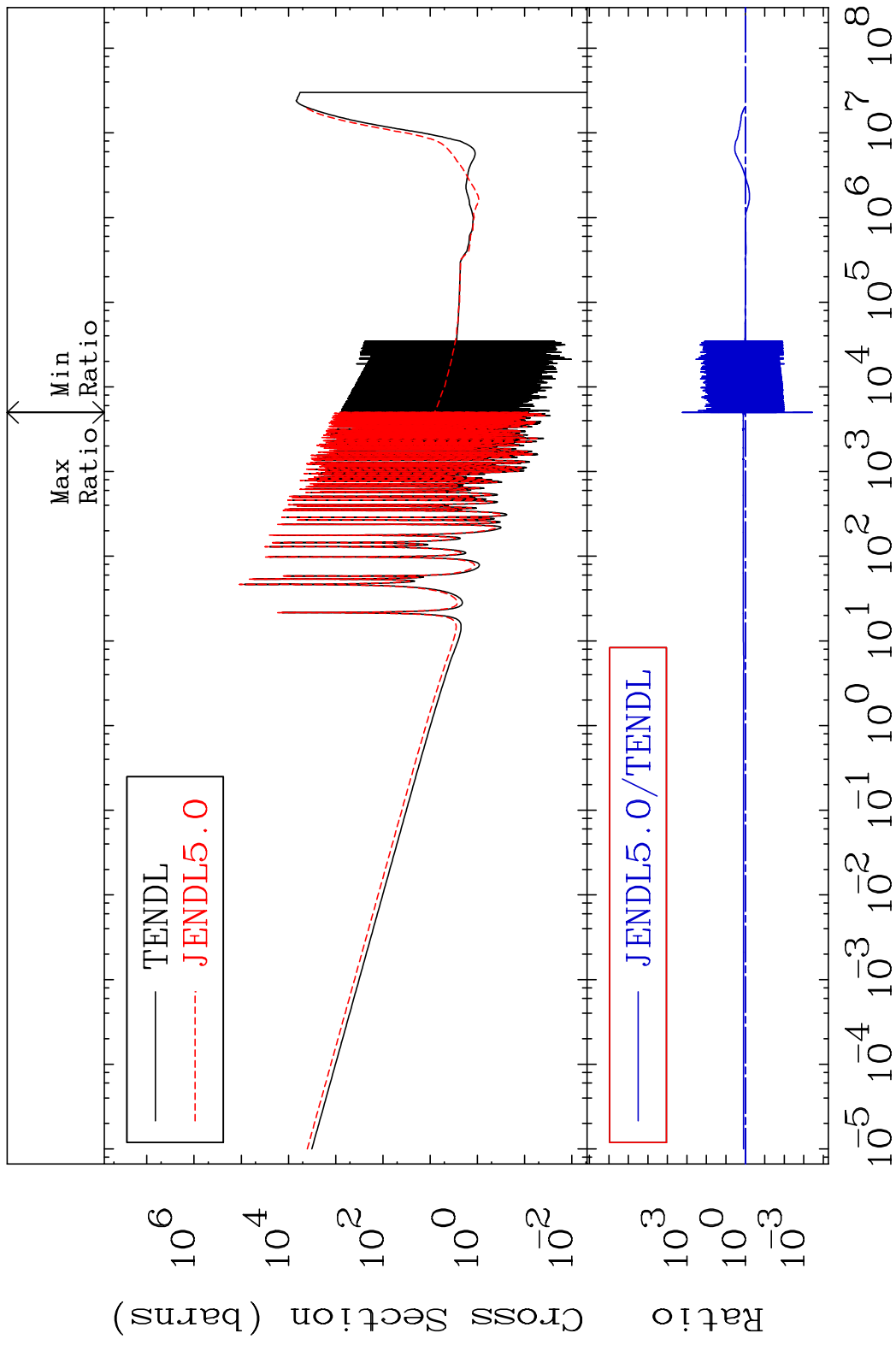
Incident Energy (eV)

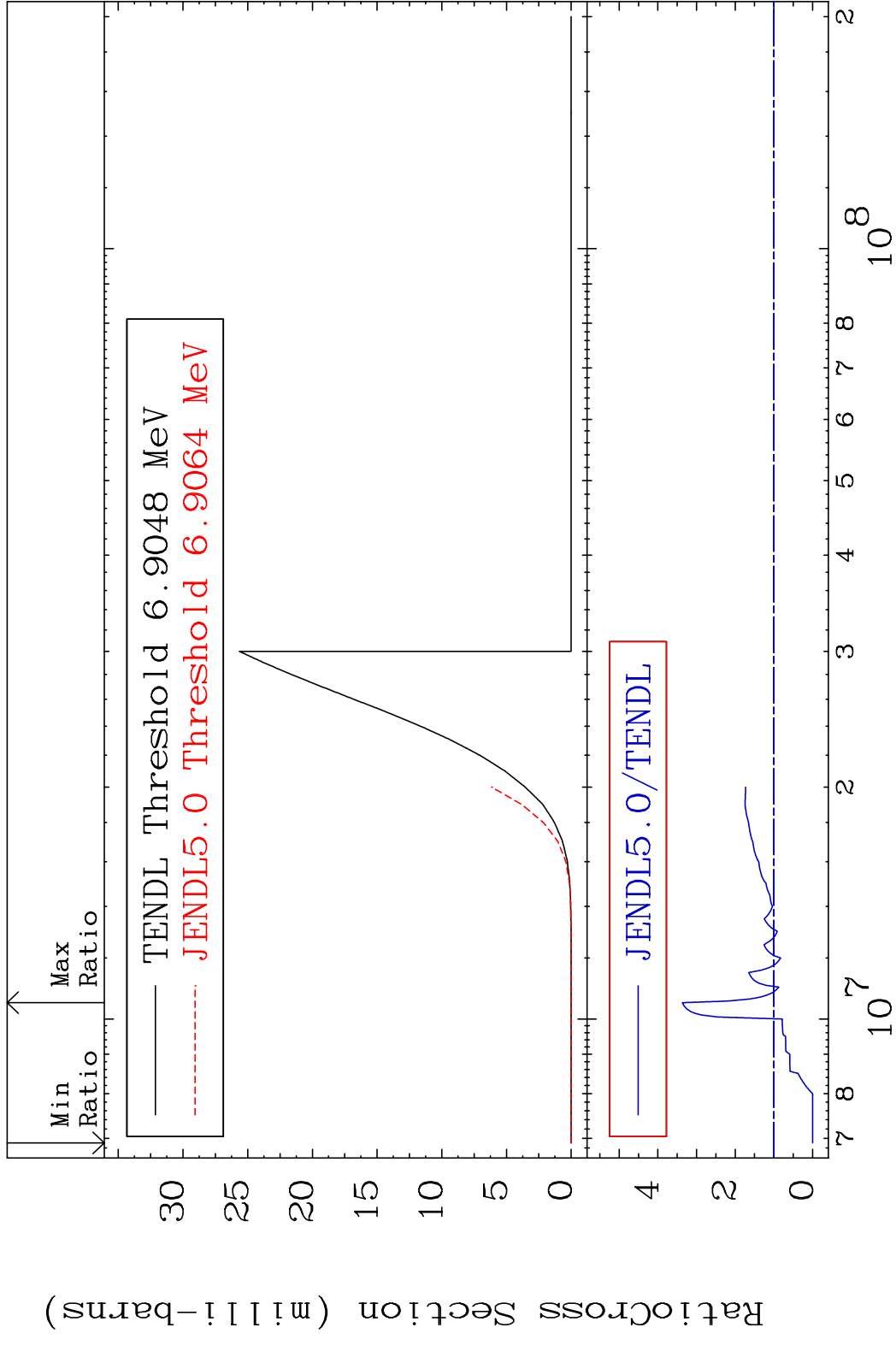
78-Pt-192

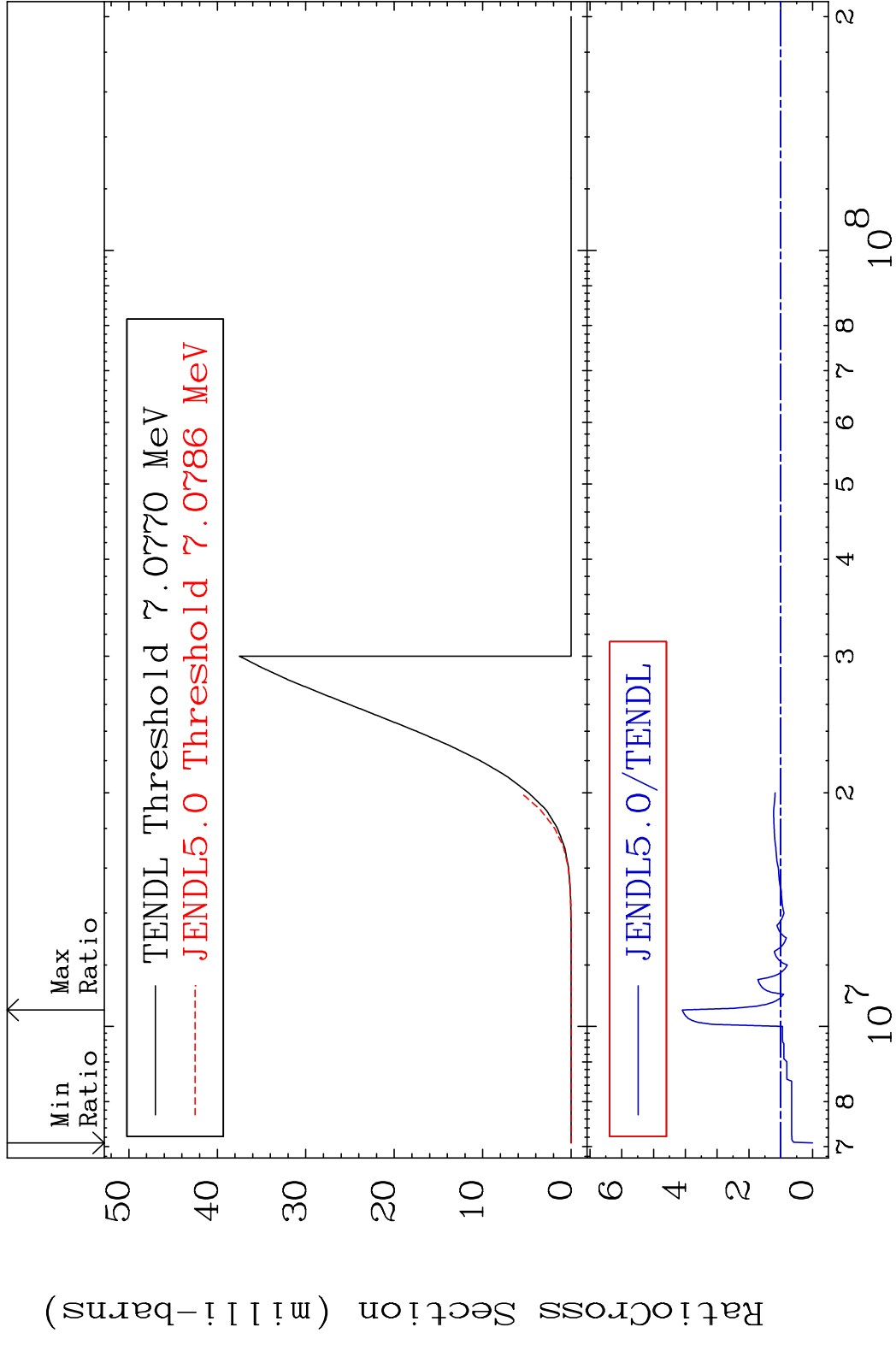
MAT 7831      Dpa inelastic (mt51-91)      78-Pt-192  
 Cross Section      -74.79 To 9999. %



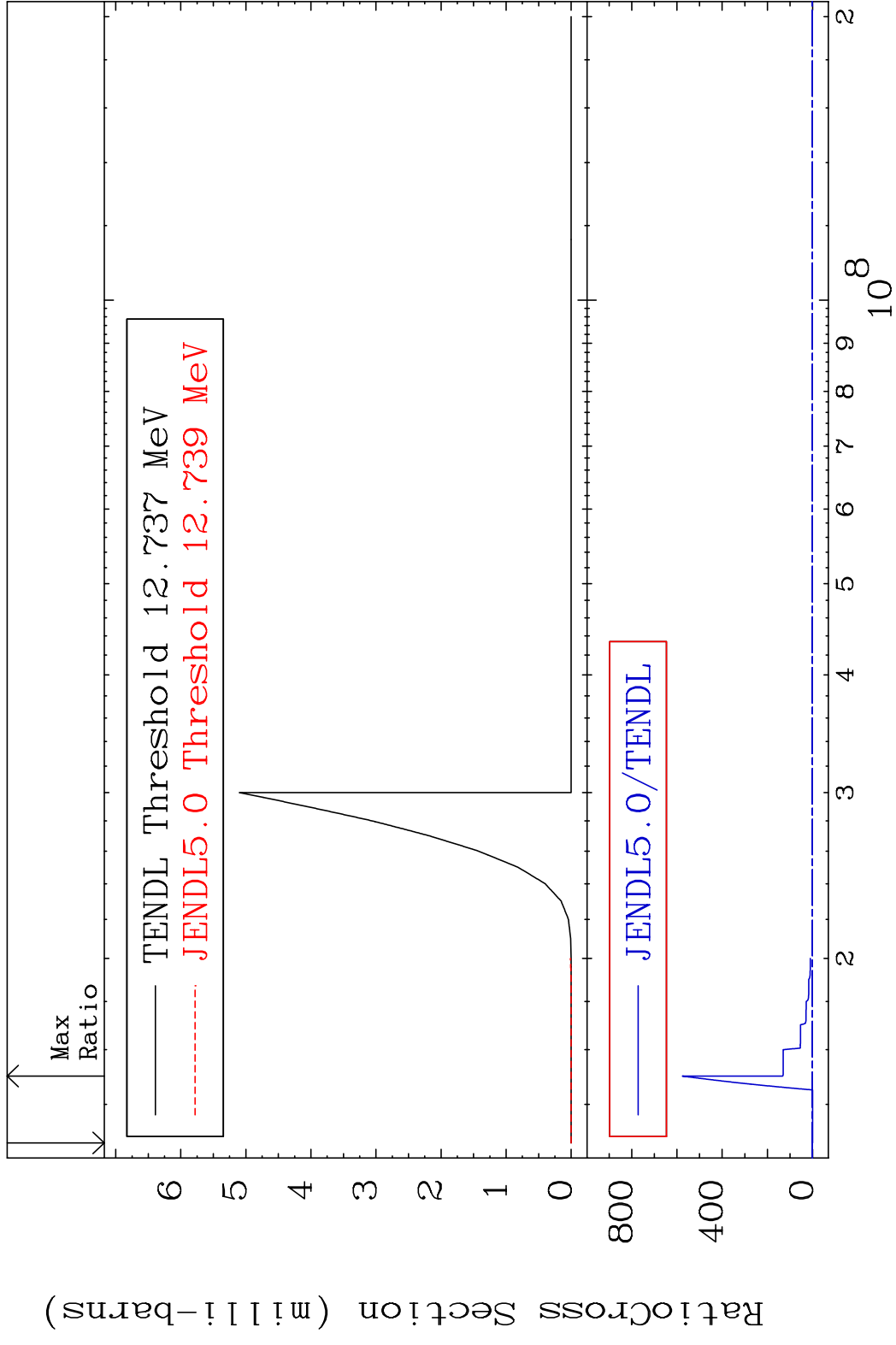
MAT 7831 Dpa disappearance (mt102 -120) 78-Pt-192  
 Cross Section -99.96 To 9999. %

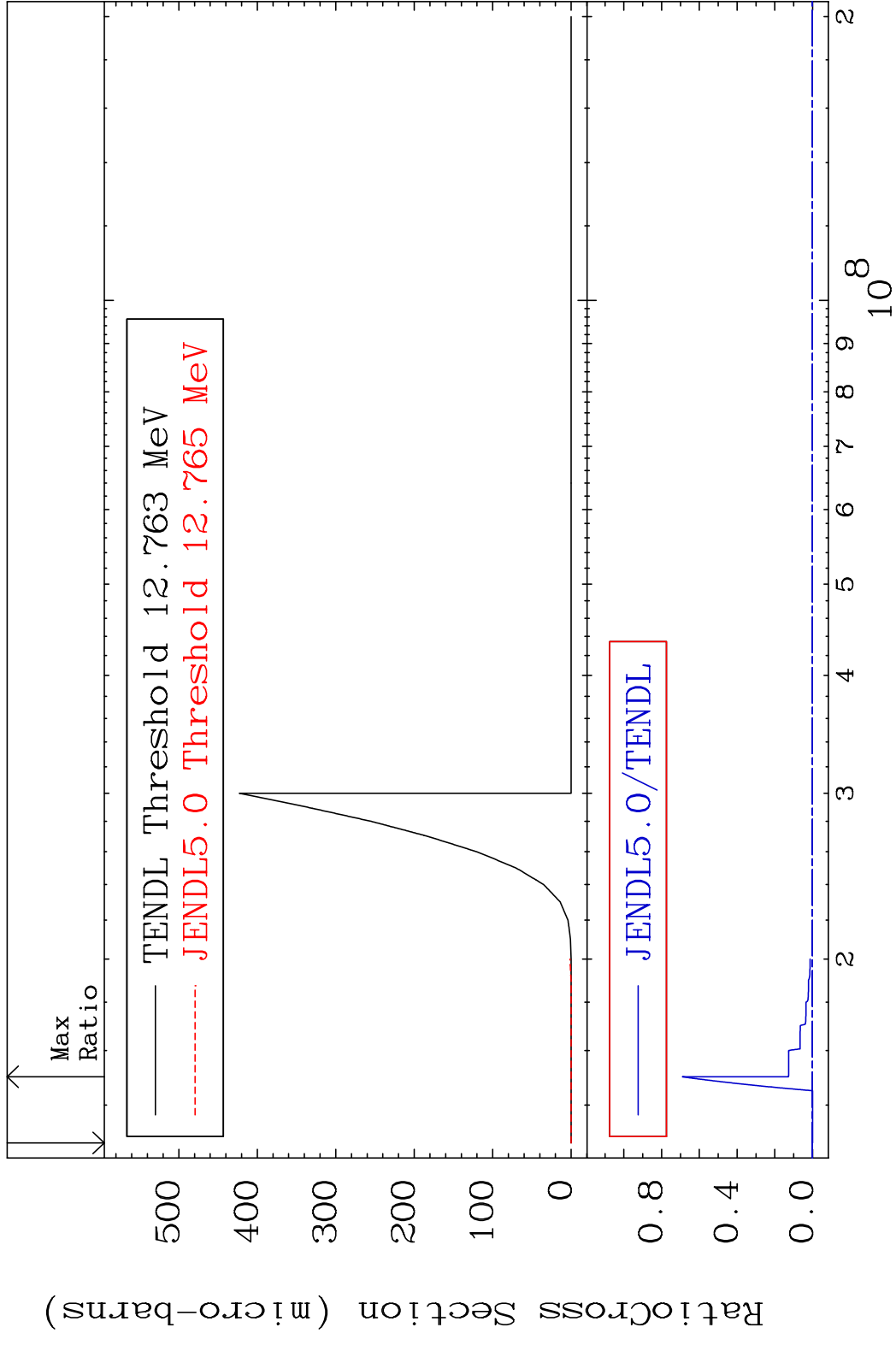


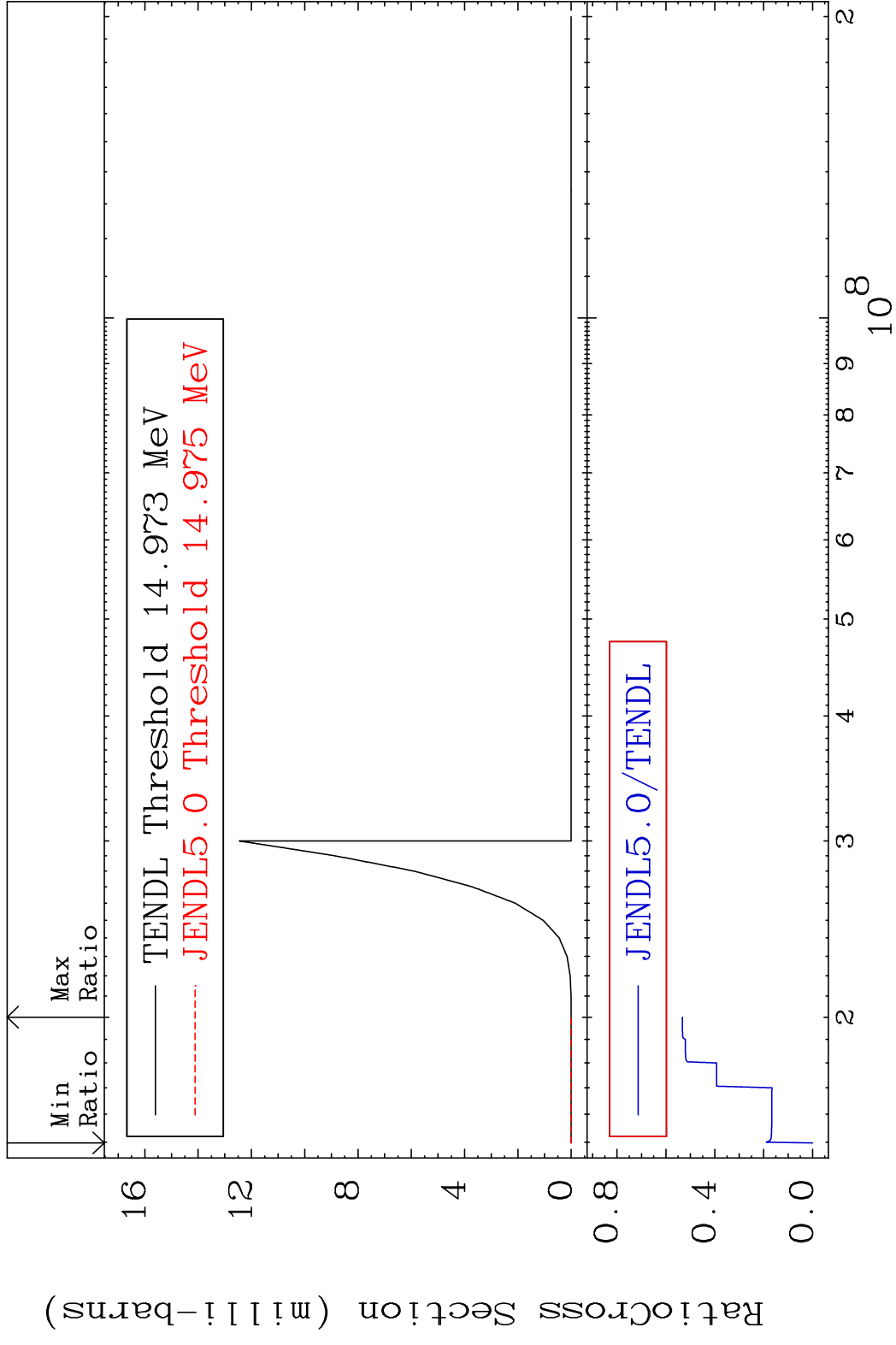


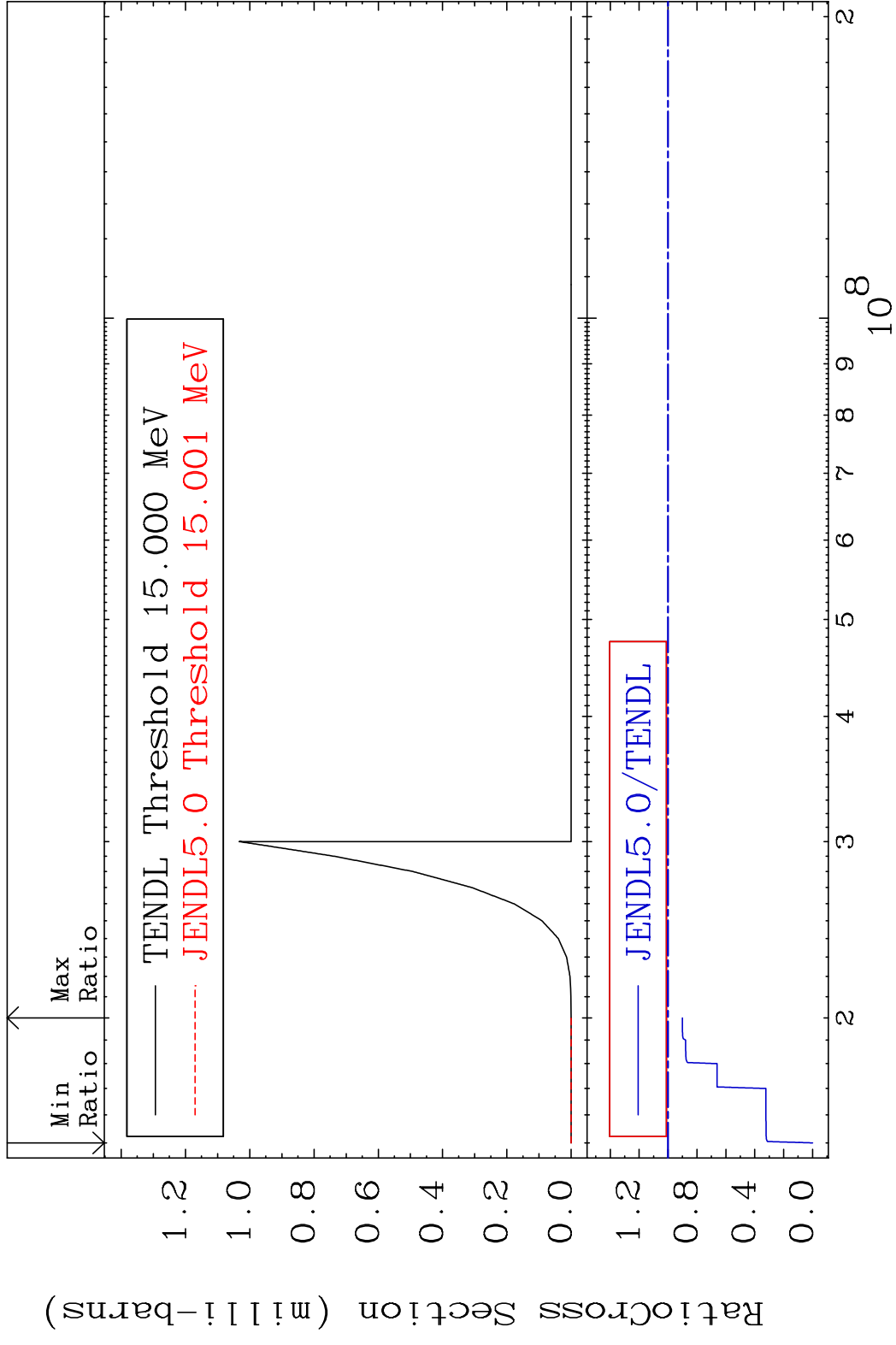


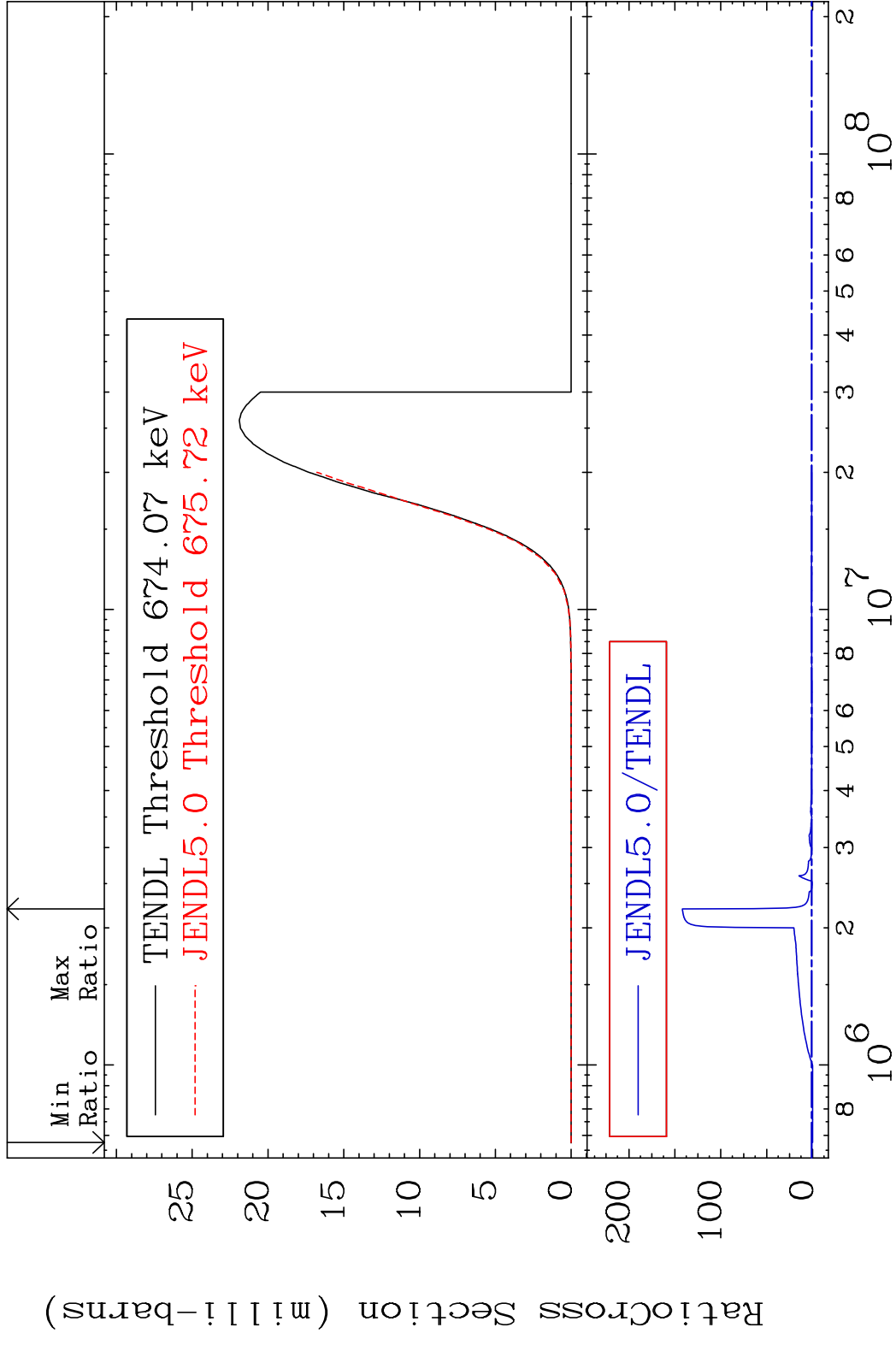


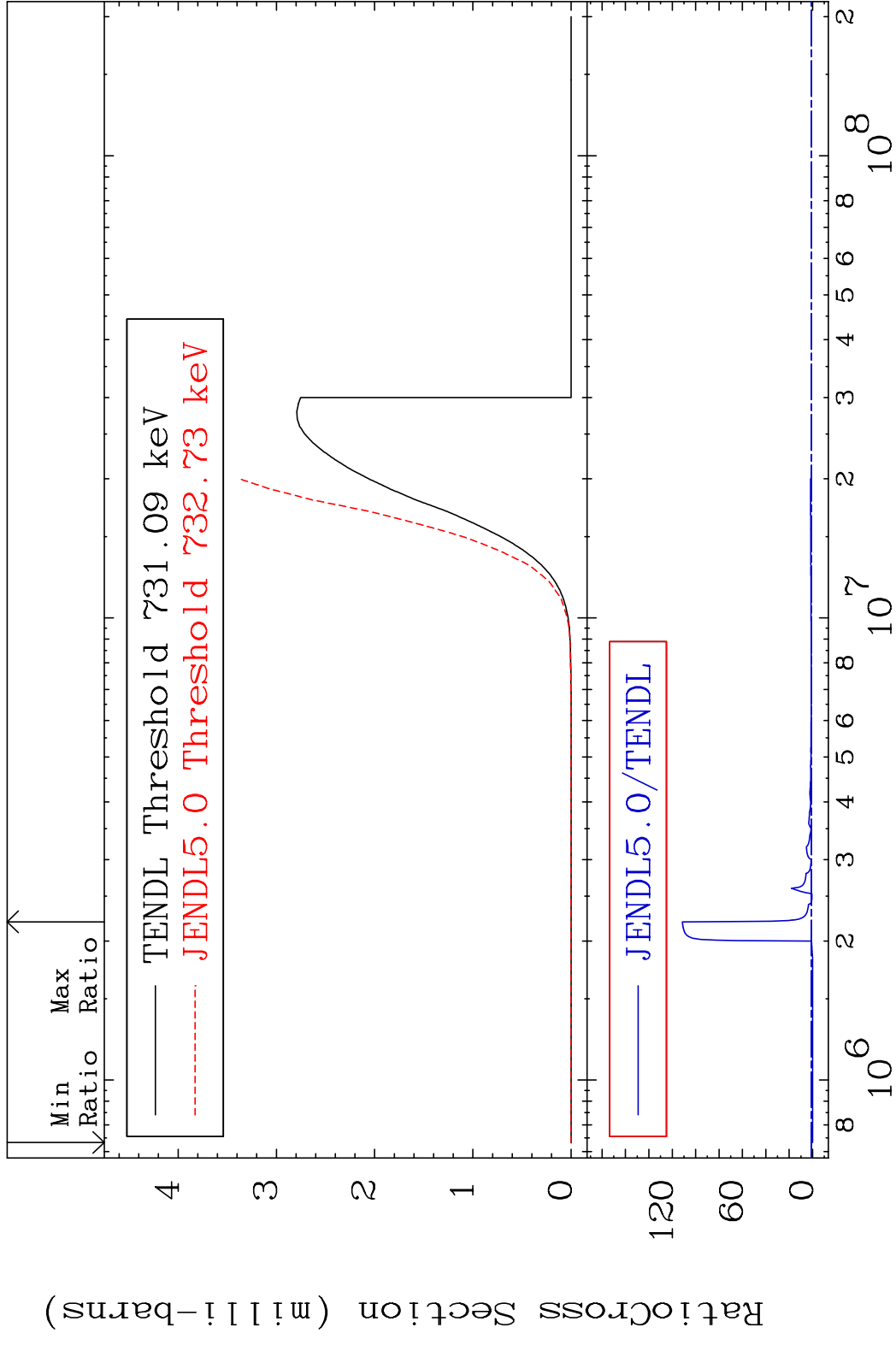




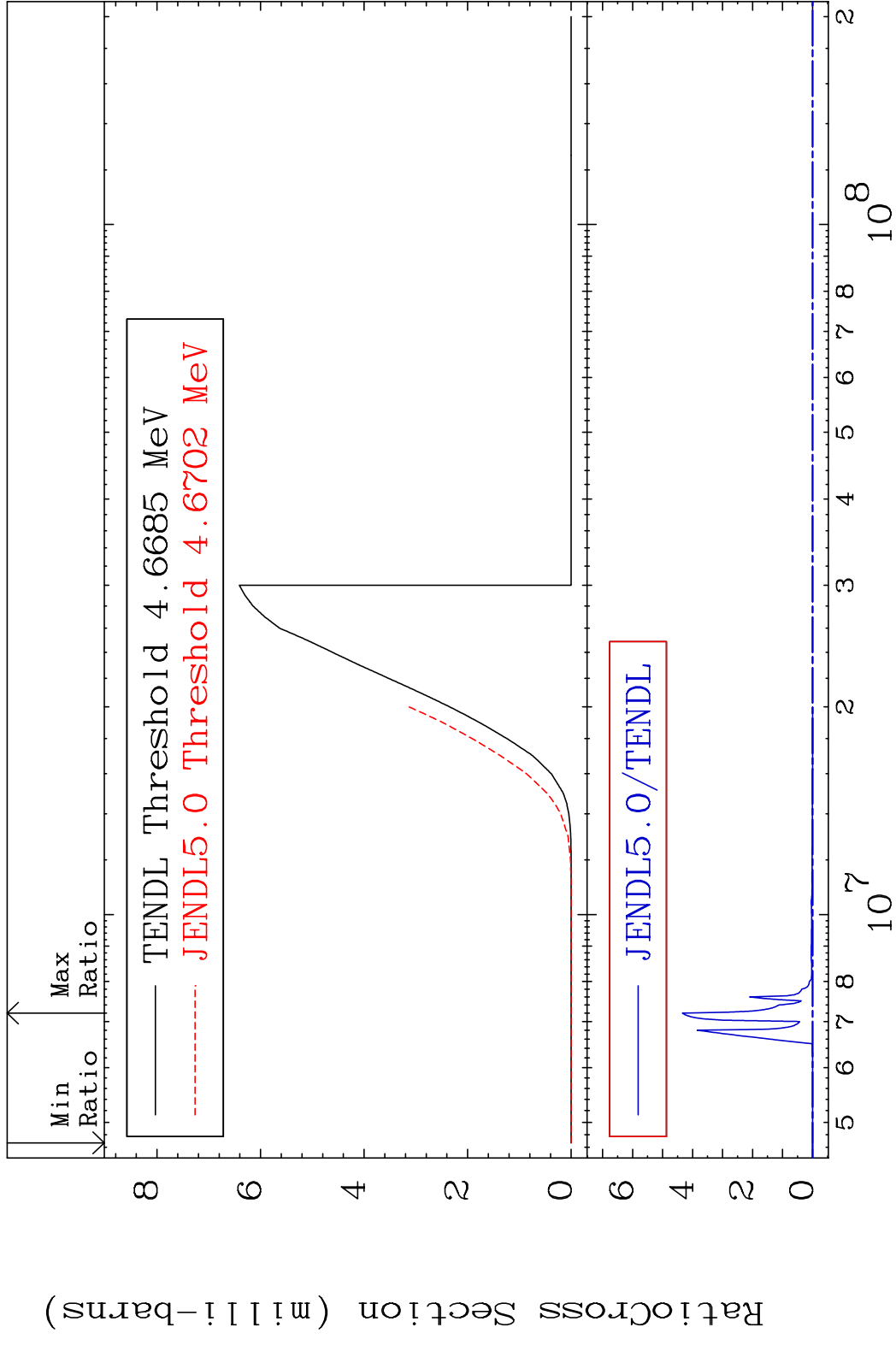


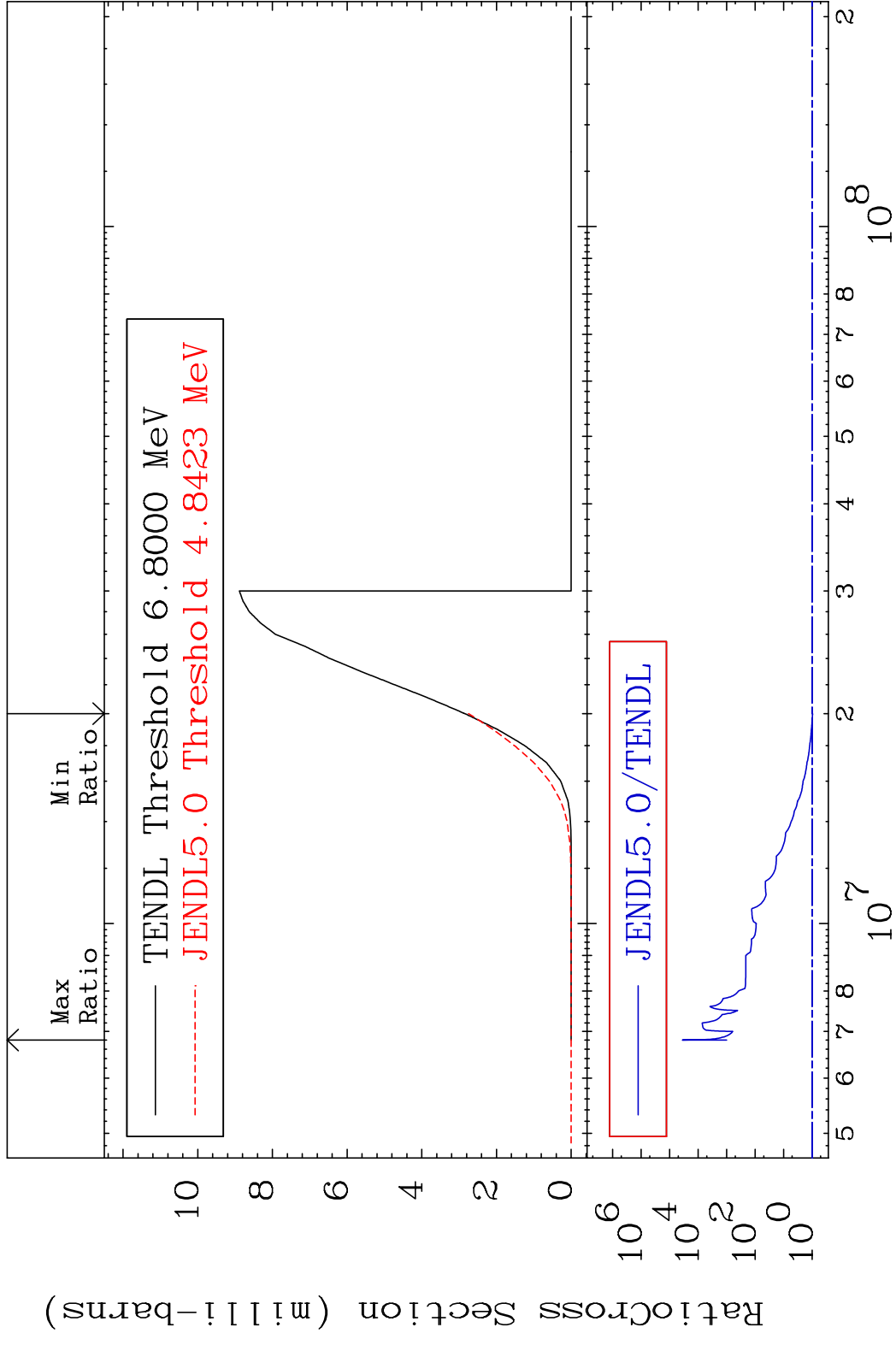




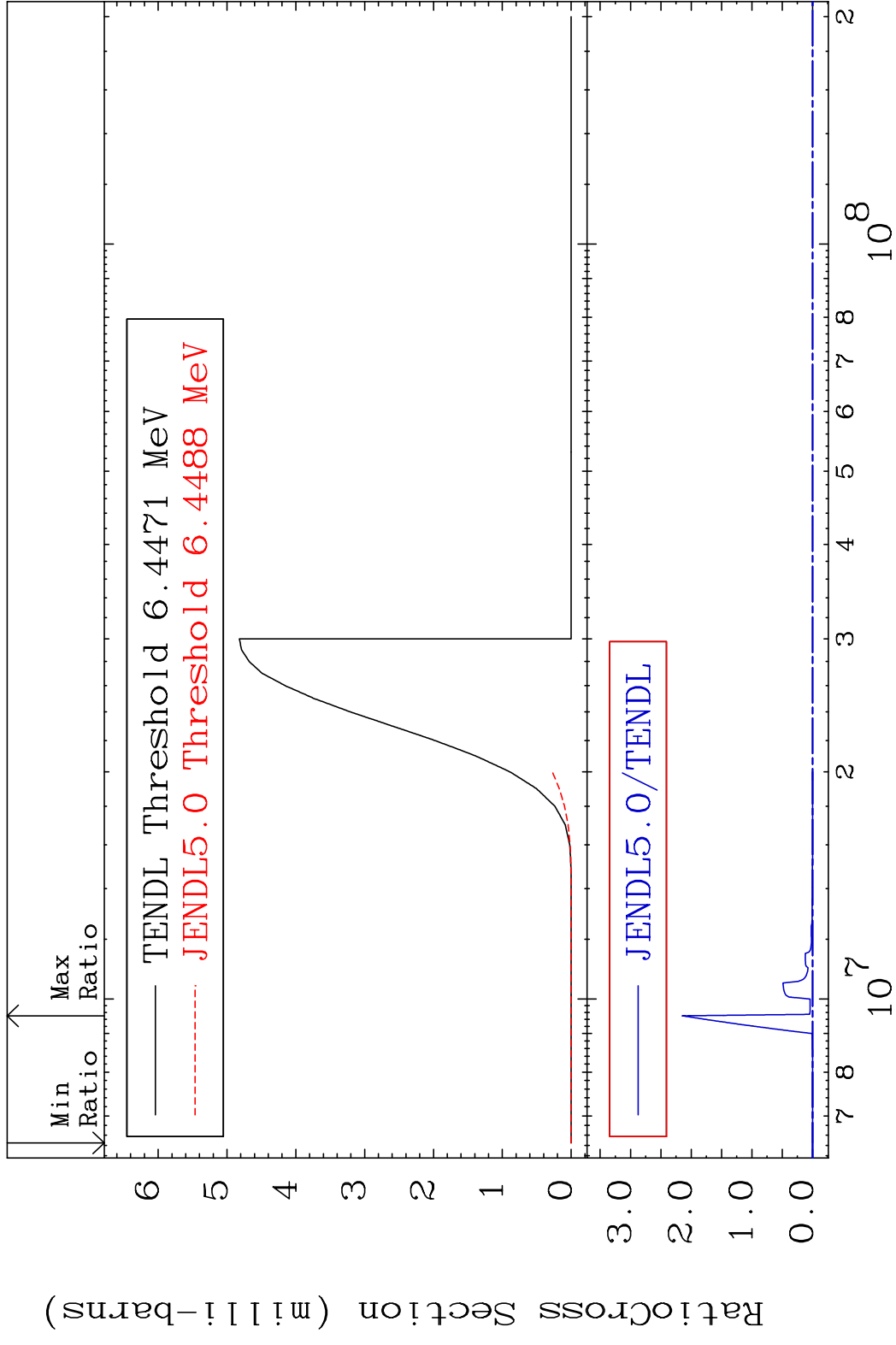


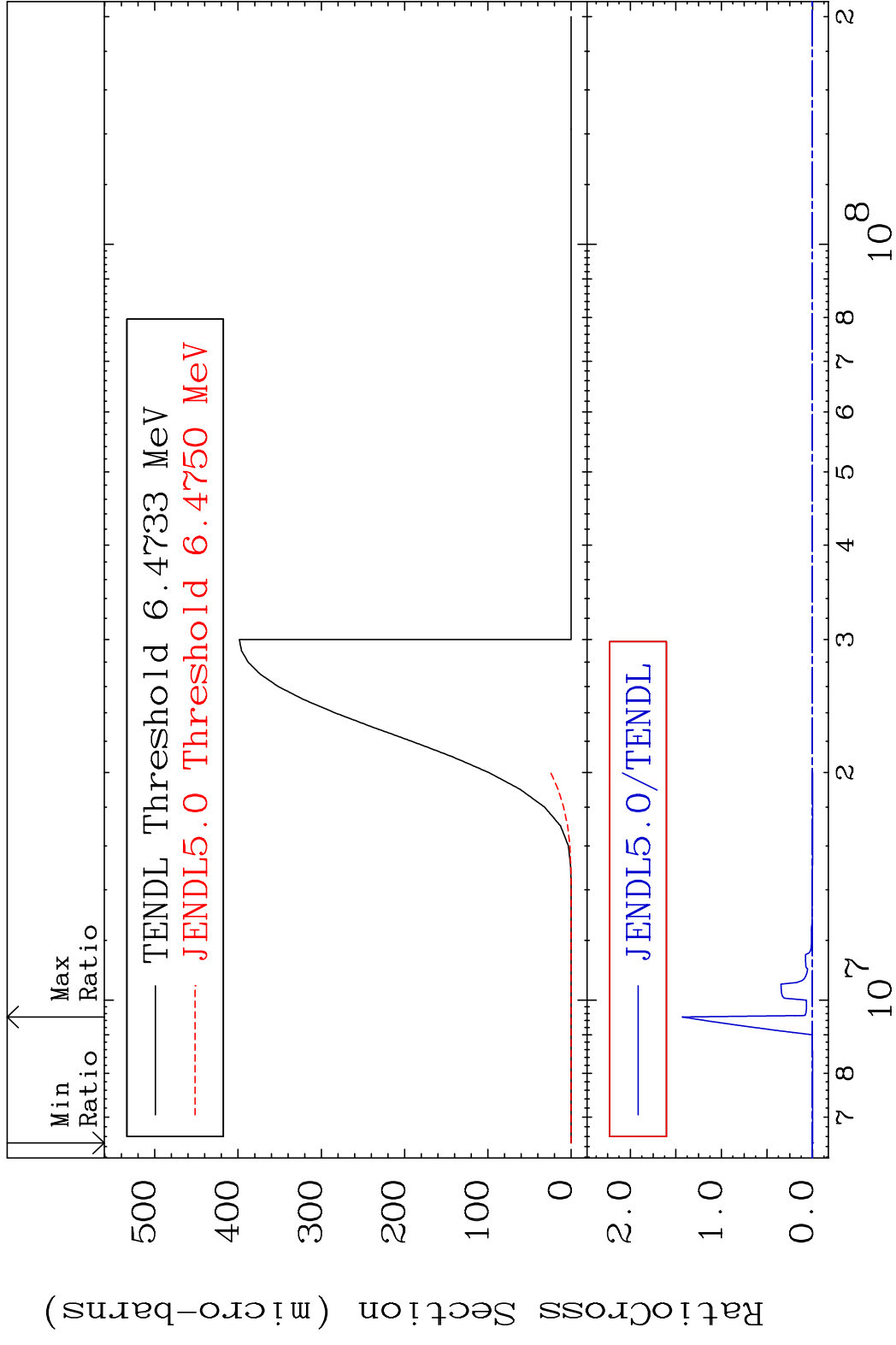
MAT 7831 (n,d):77-Ir-191g 78-Pt-192  
 Radionuclide Production Cross Section 100.00 to 9999.00 %









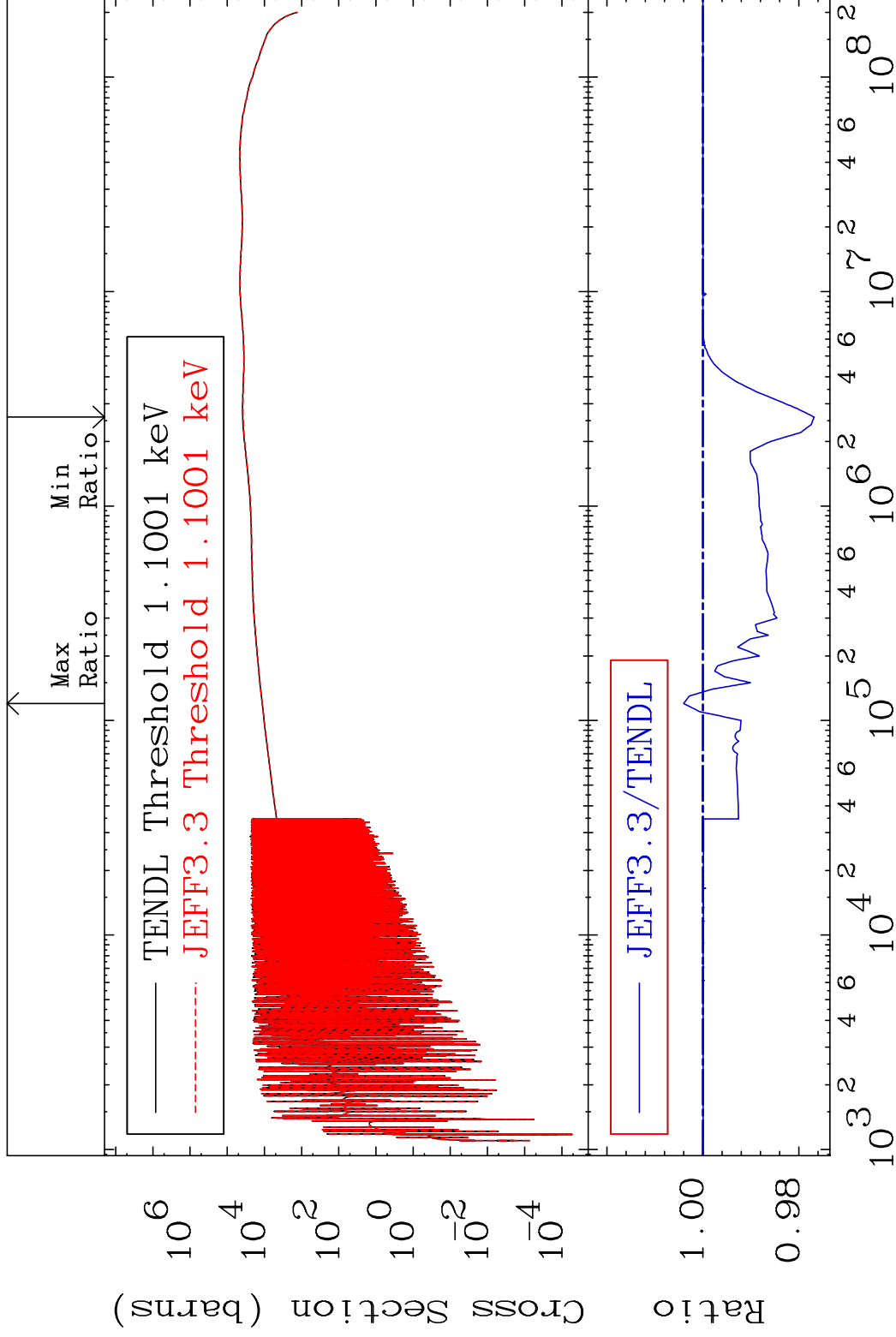


MAT 7831

Dpa elastic (mt2)

78-Pt-192

Cross Section -2.317 To 0.401 %

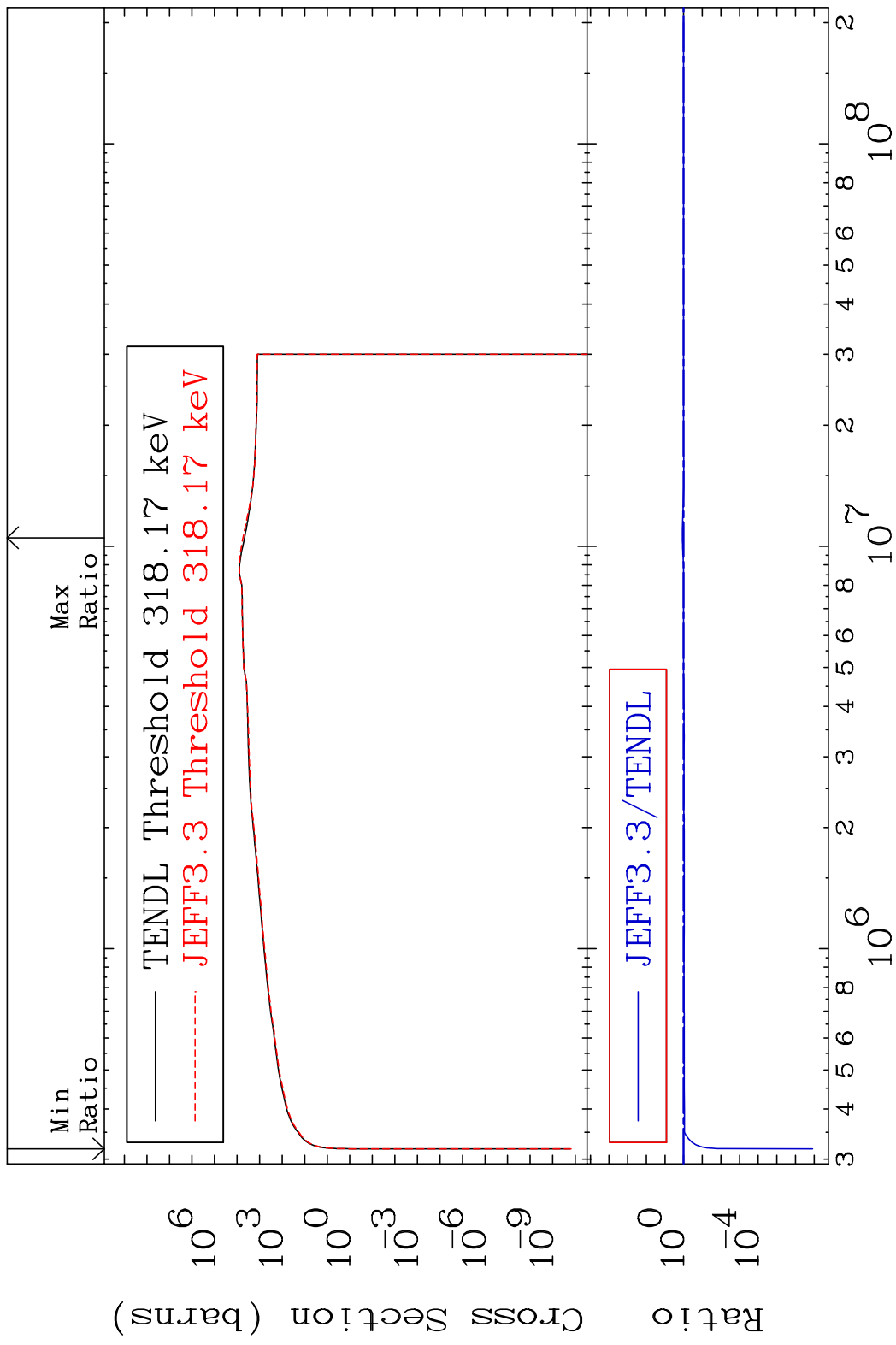


74

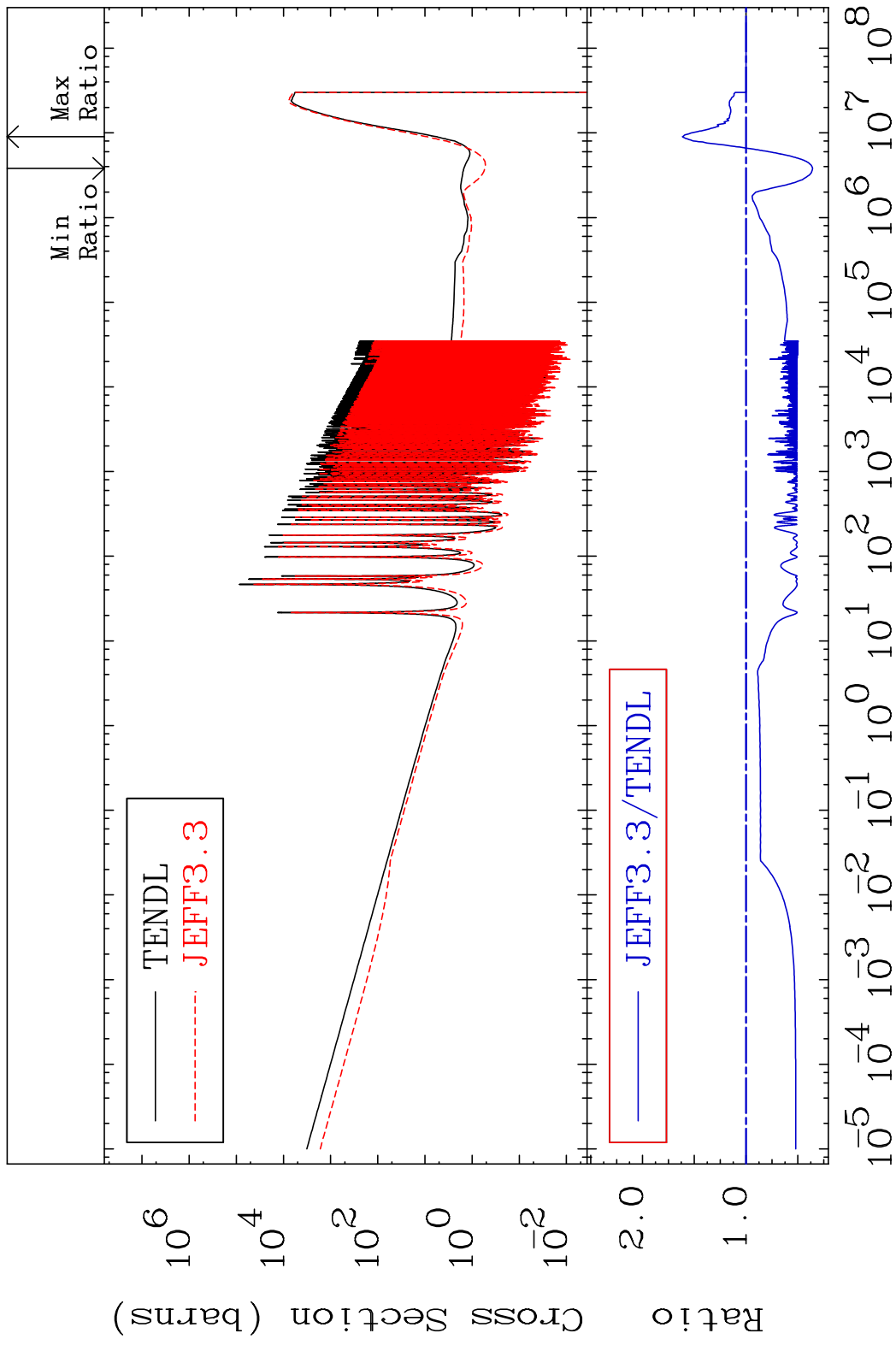
Incident Energy (eV)

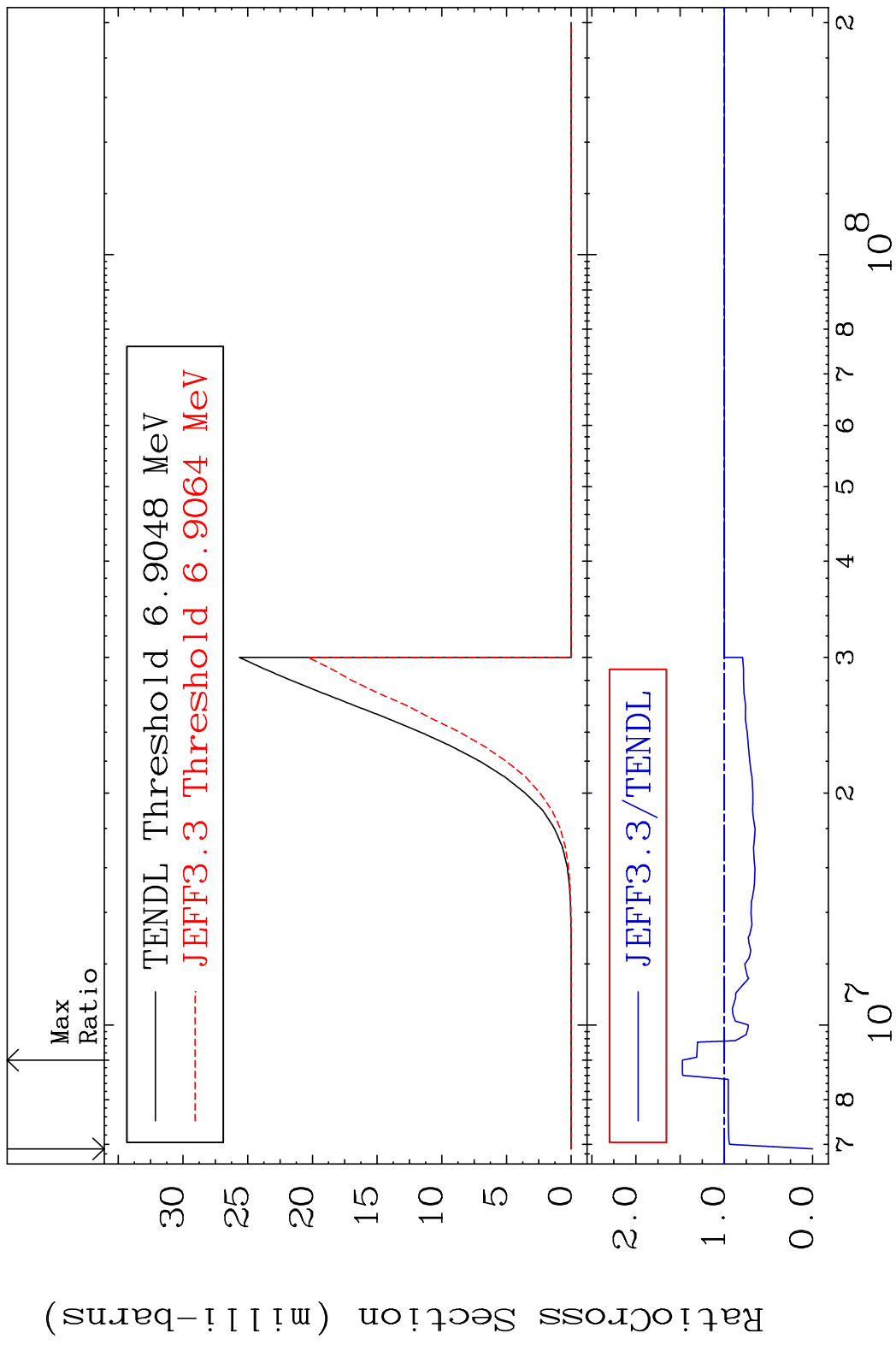
78-Pt-192

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

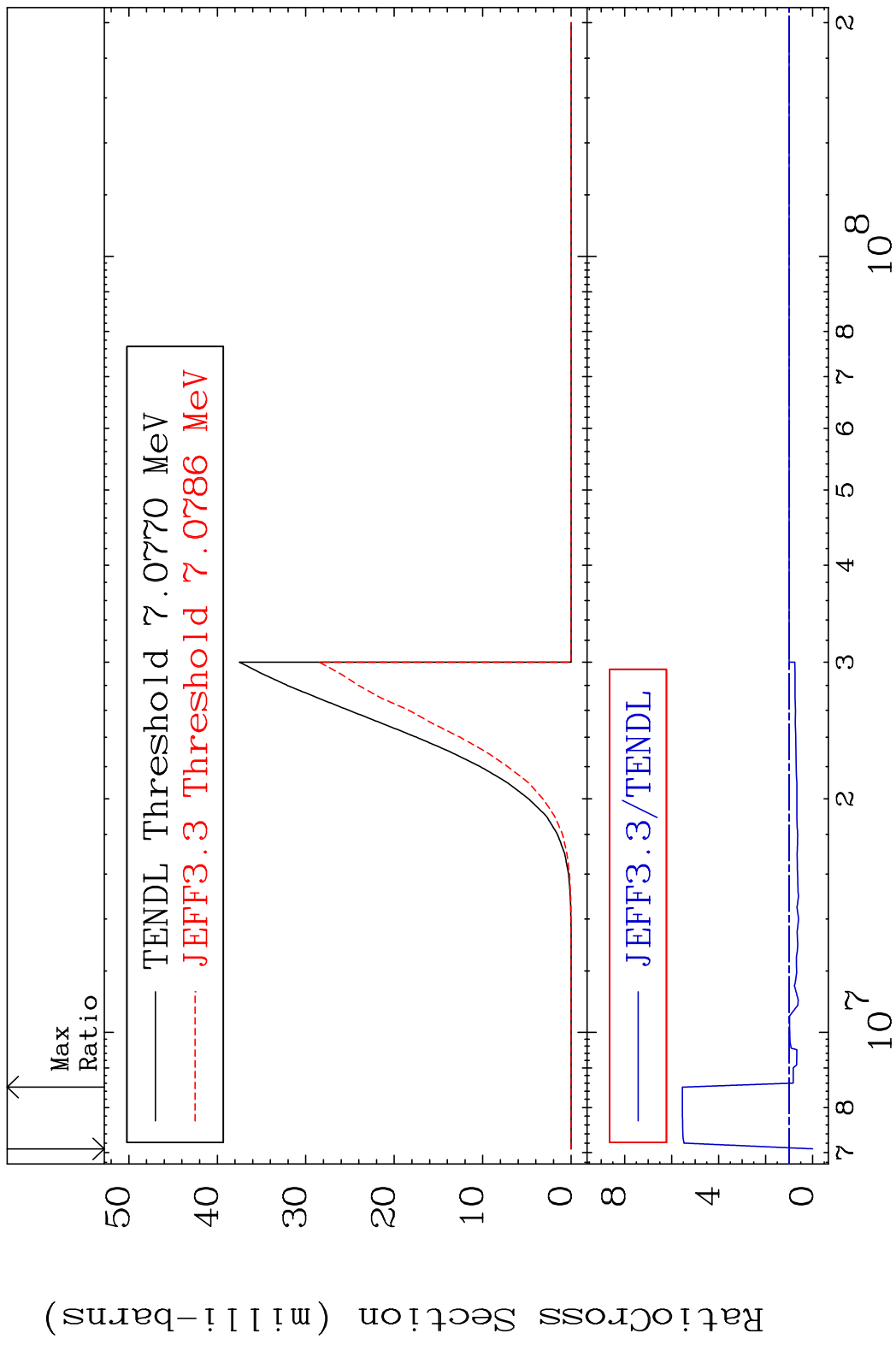


MAT 7831 Dpa disappearance (mt102 -120) 78-Pt-192  
 Cross Section -64.20 To 61.53 %



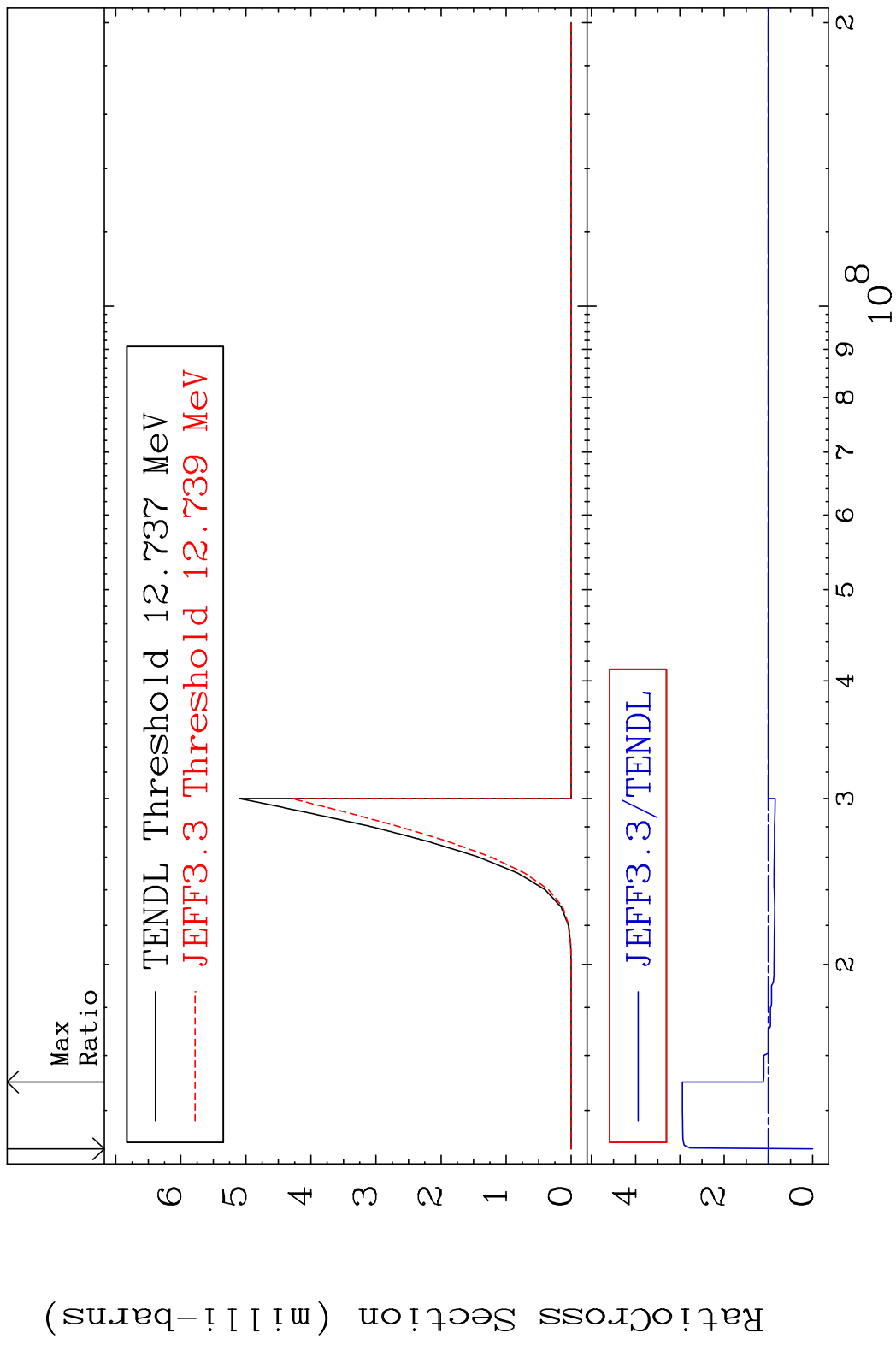


MAT 7831 (n, n') p:77-Ir-191m3 78-Pt-192  
 Radionuclide Production Cross Section 454.4 %



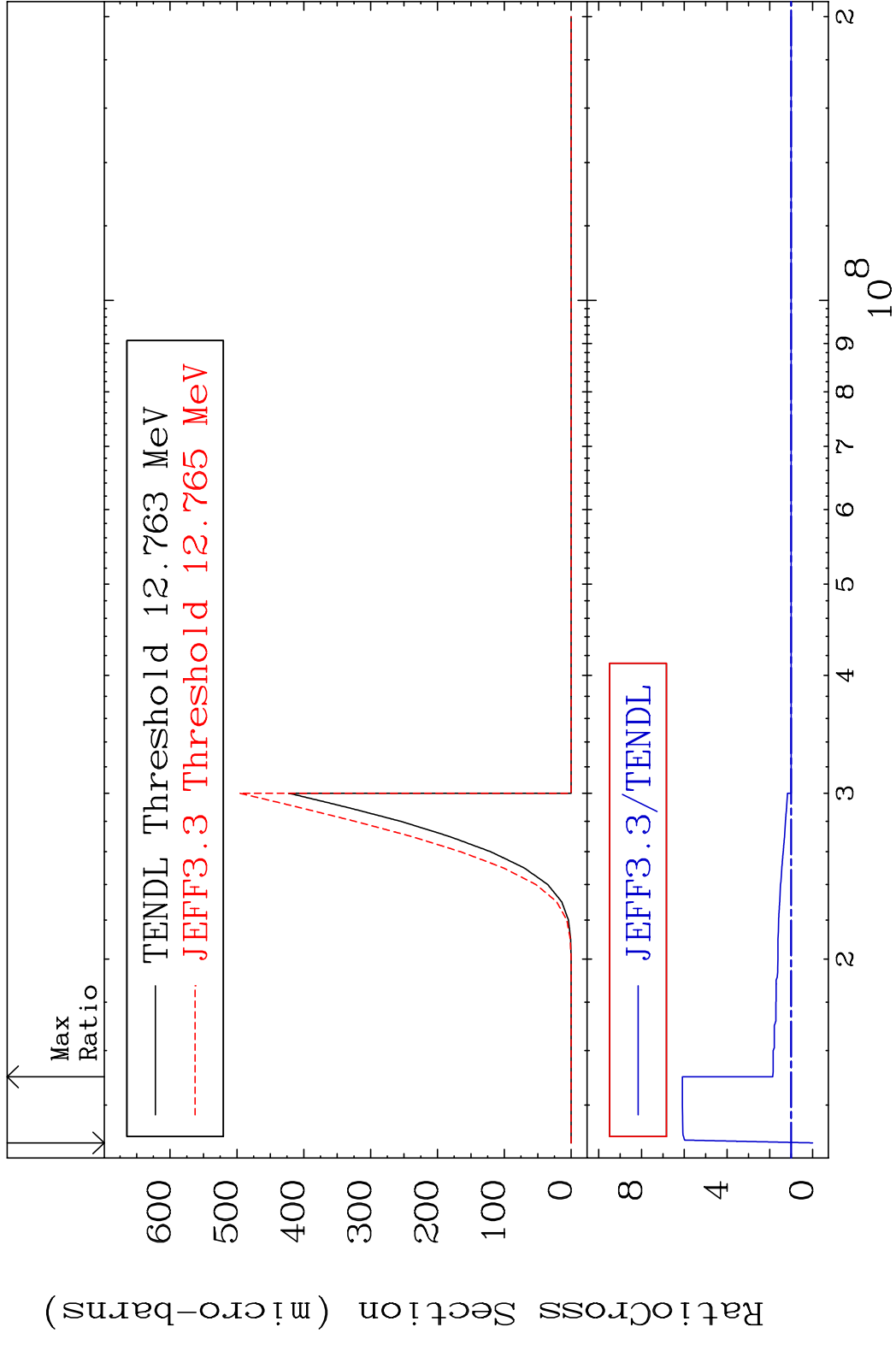
78 Incident Energy (eV) 78-Pt-192

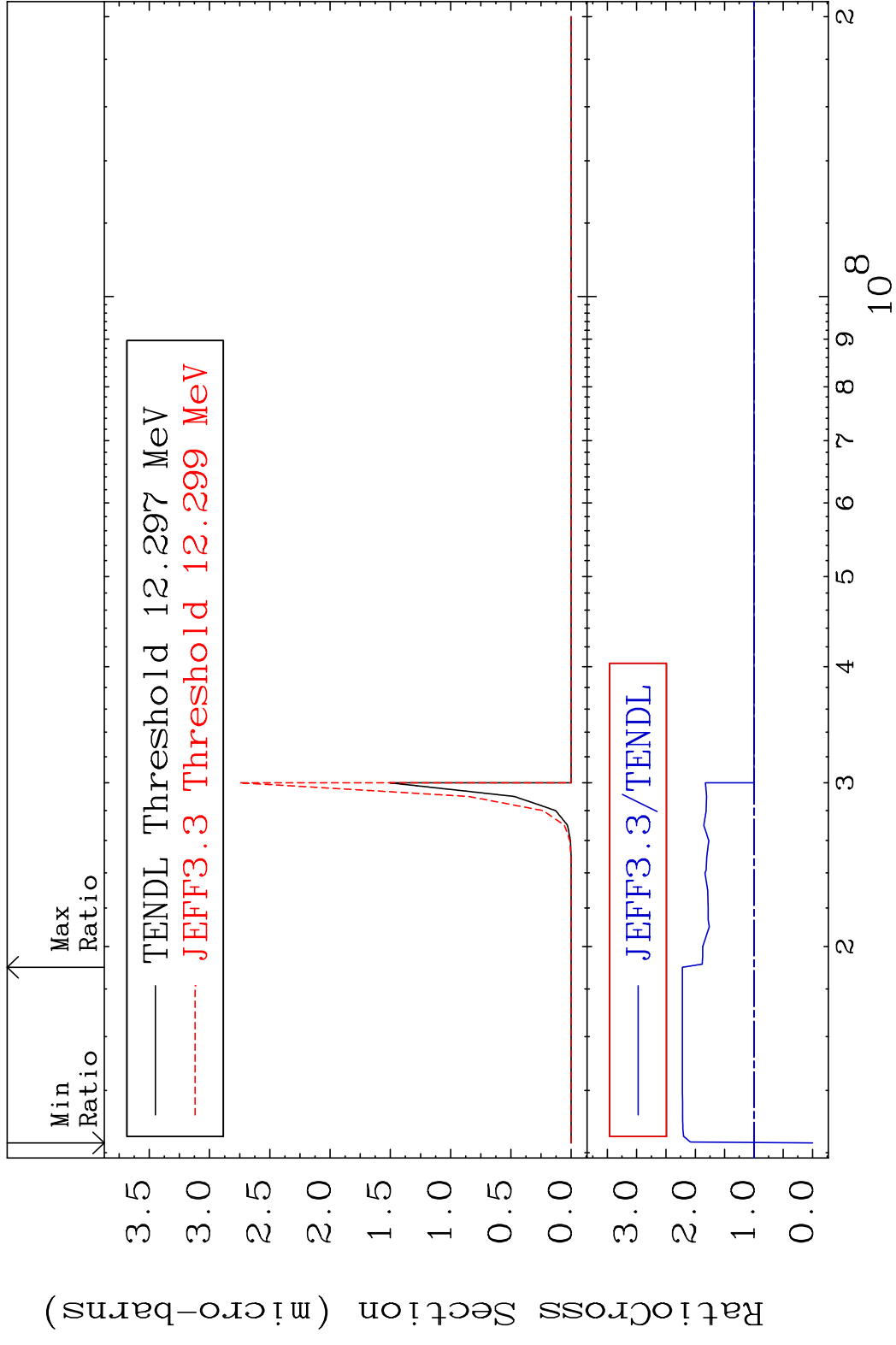
MAT 7831 (n, n') d:77-Ir-190g 78-Pt-192  
 Radionuclide Production Cross Section 180.0 dno 194.3 %

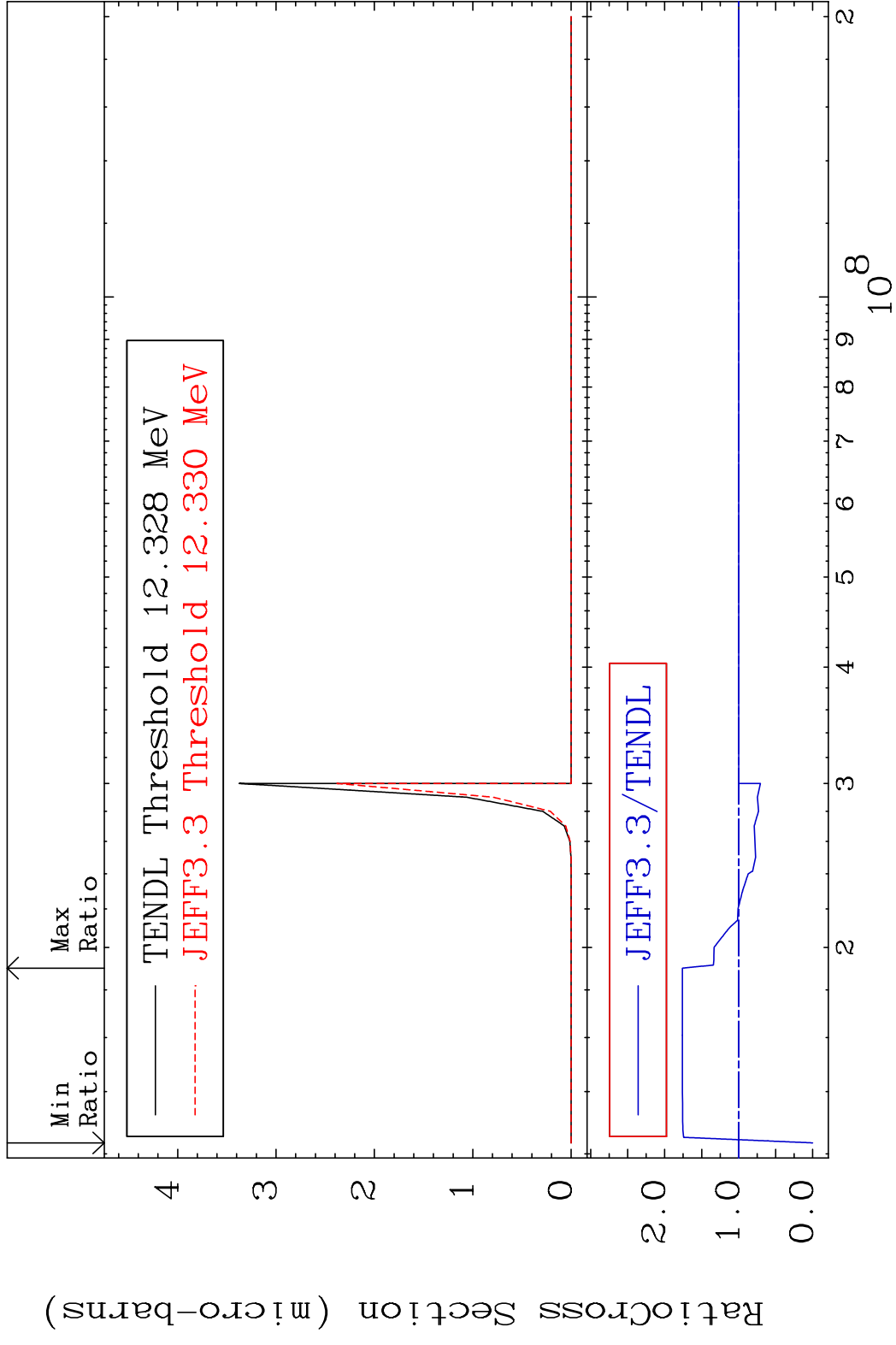


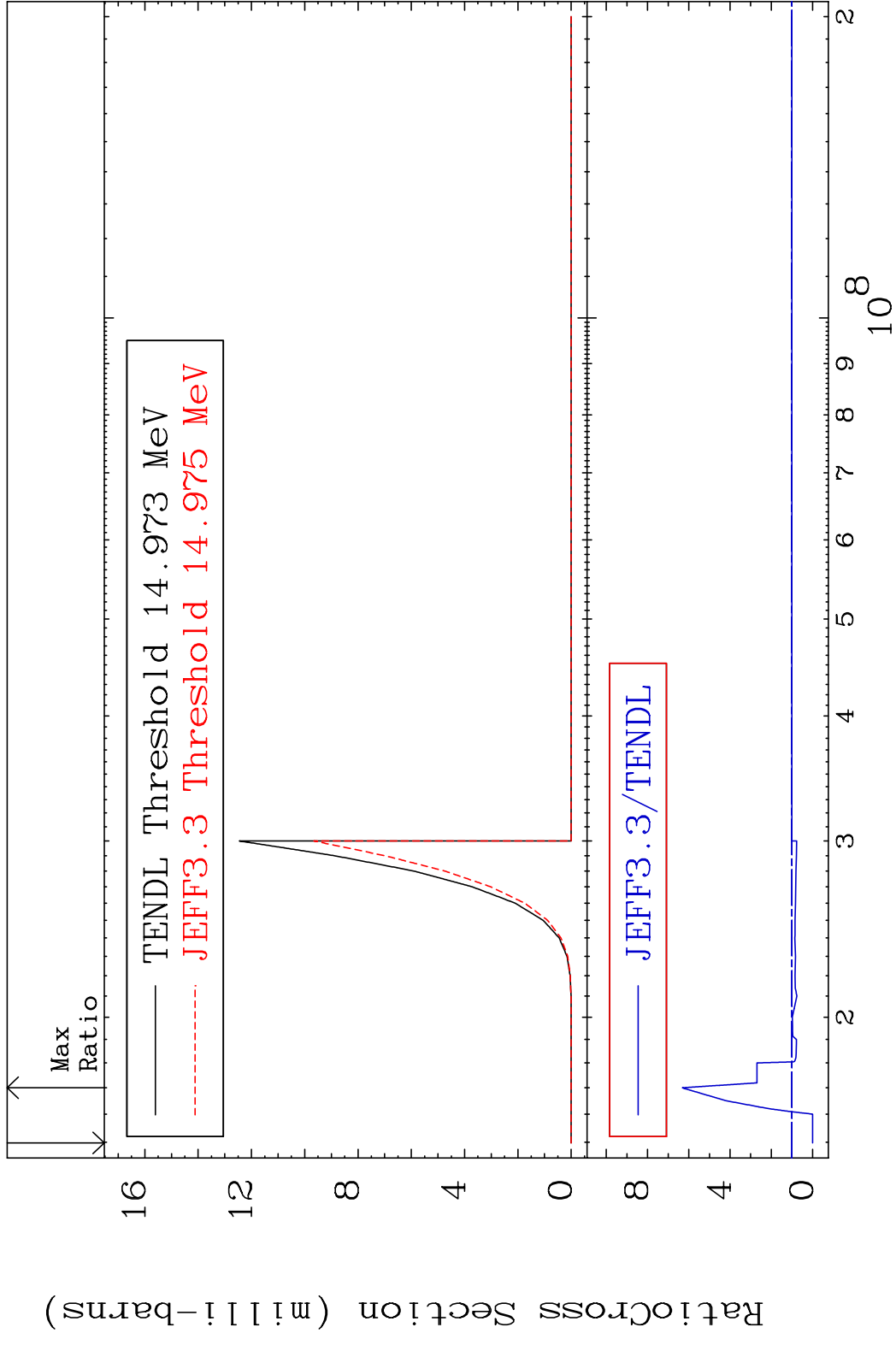


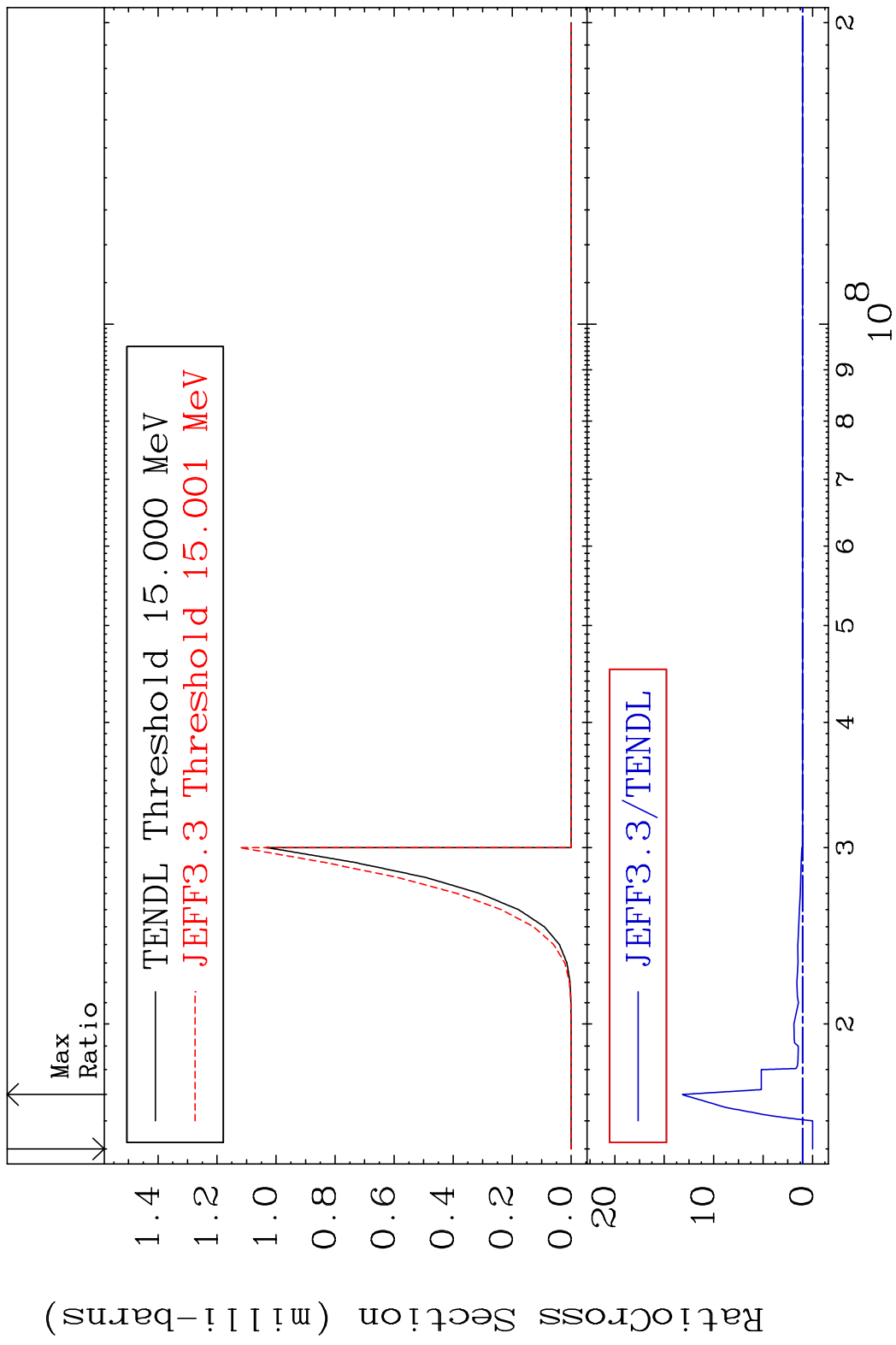
MAT 7831 (n, n') d:77-Ir-190m2 78-Pt-192  
 Radionuclide Production Cross Section 180.01 dth 509.1 %



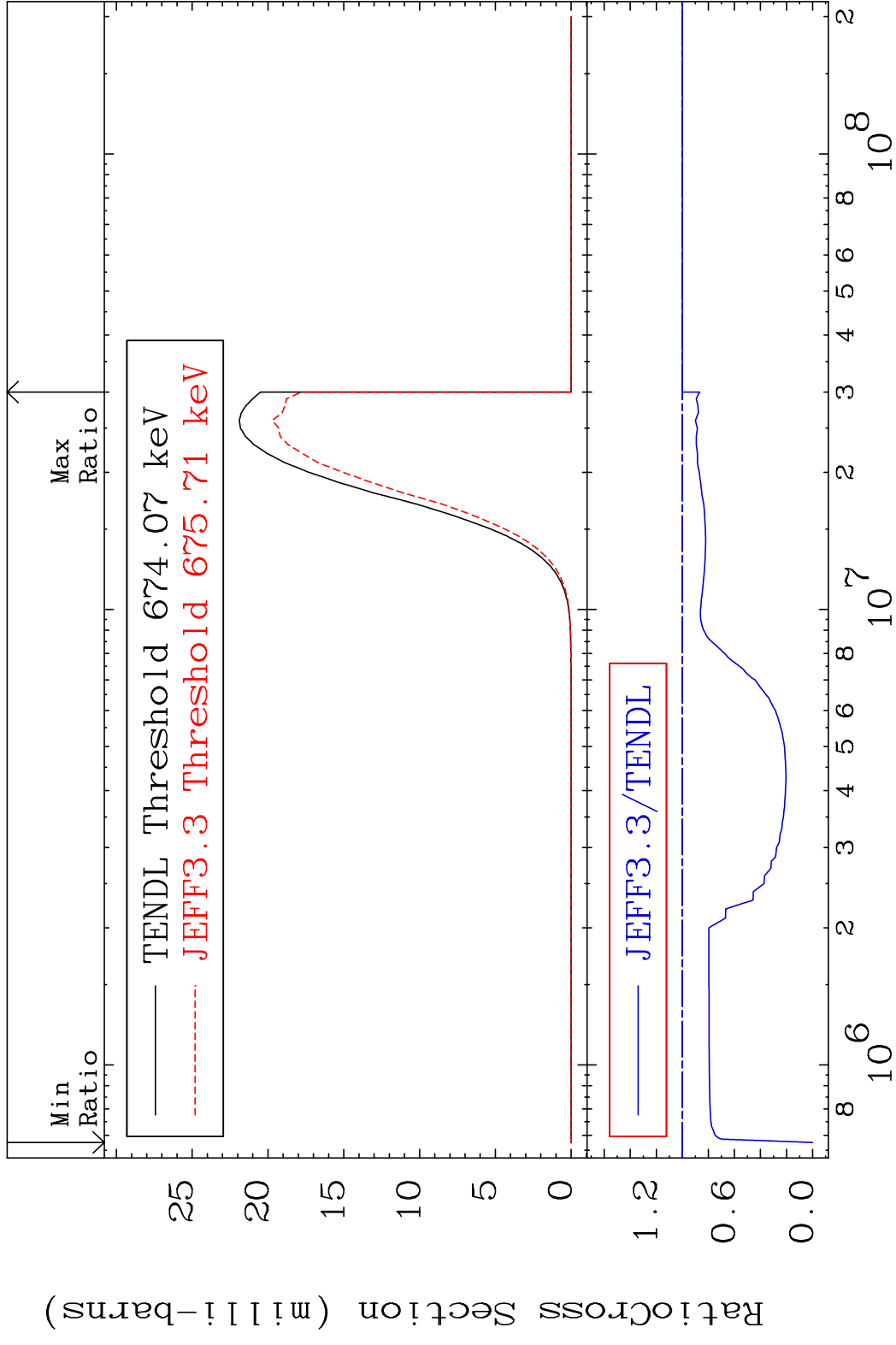


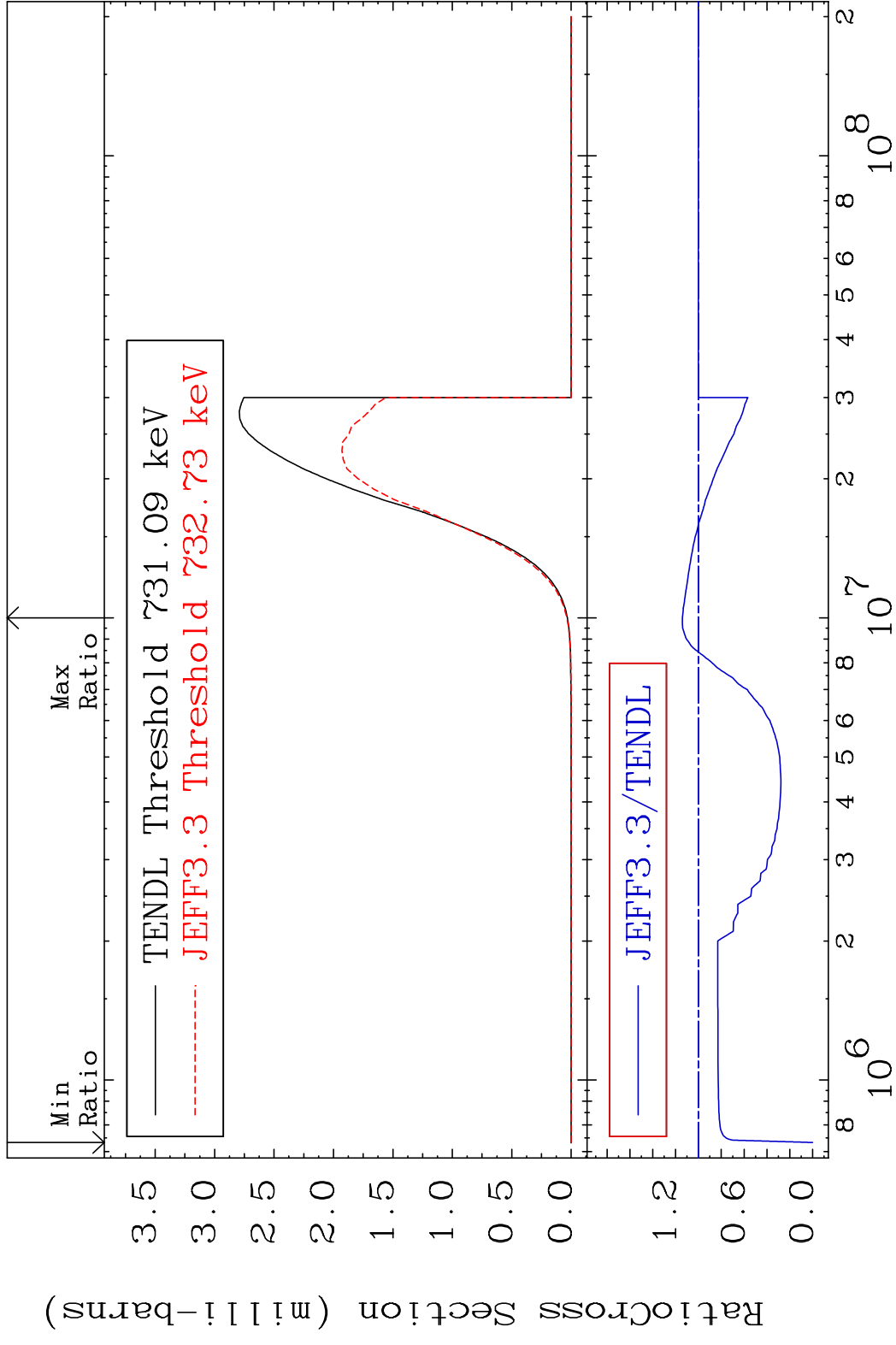




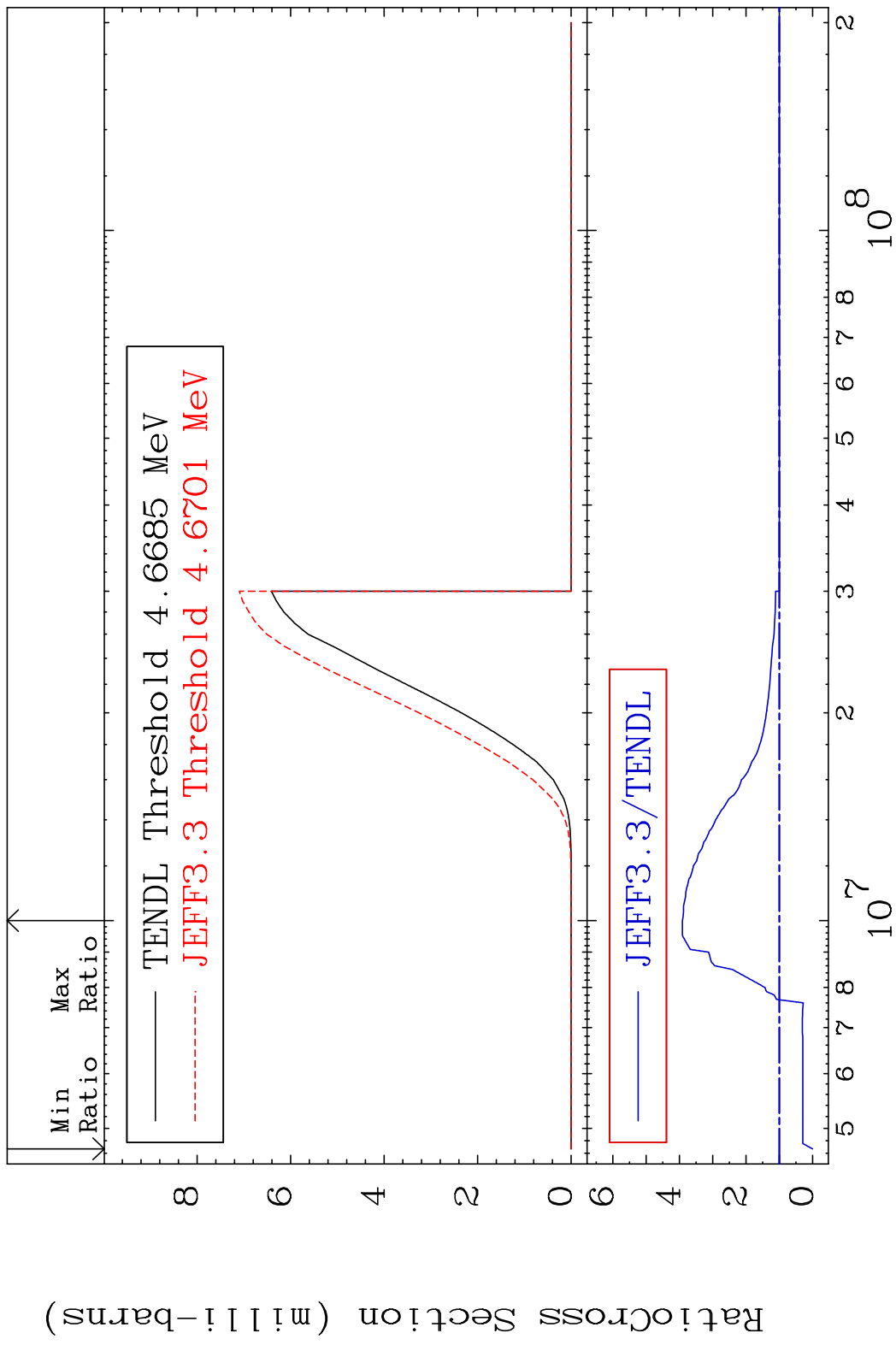


MAT 7831 (n,p):77-Ir-192g 78-Pt-192  
 Radionuclide Production Cross Section 180.01 dth 0.000 %



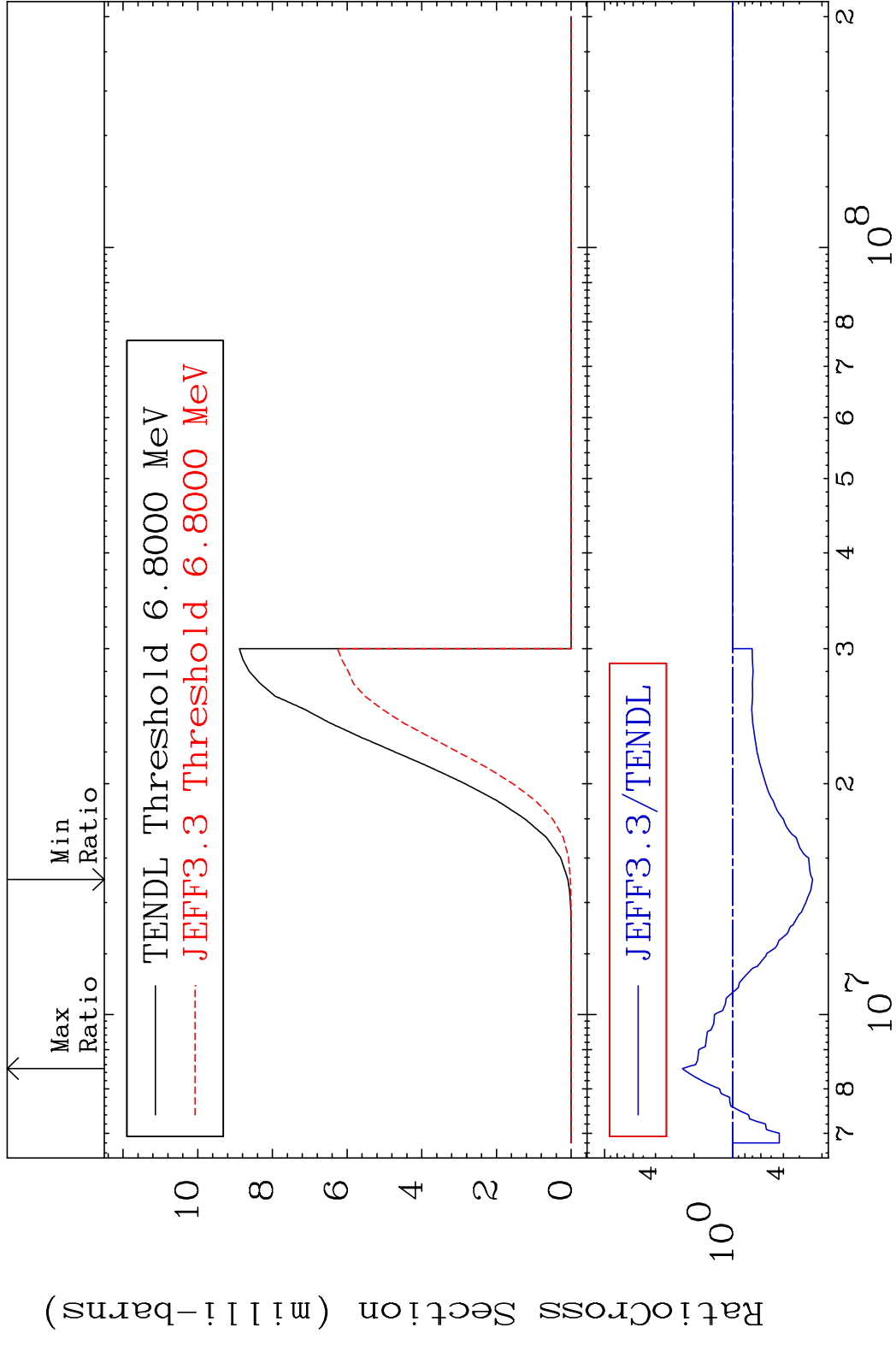


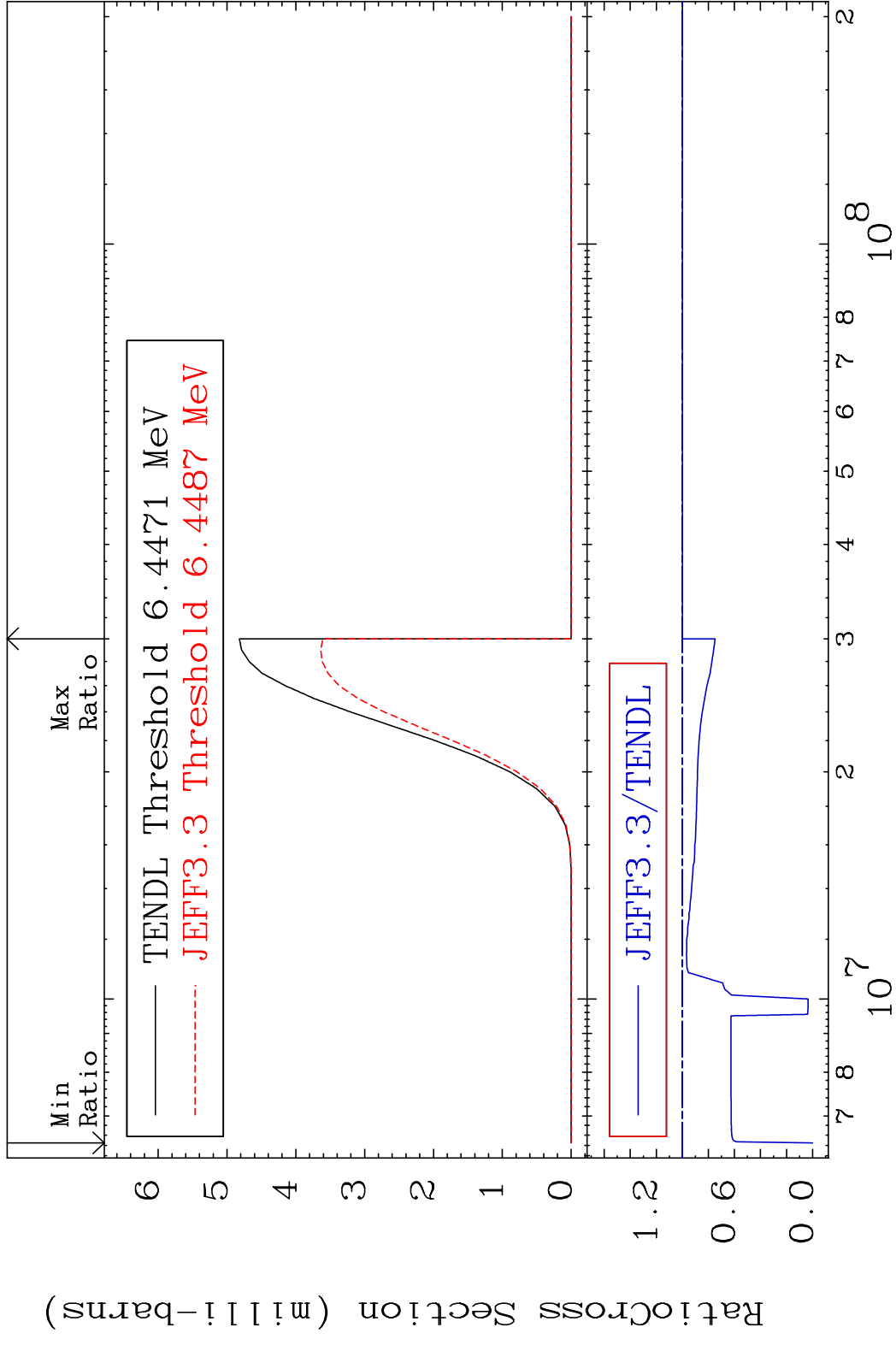
MAT 7831 (n,d):77-Ir-191g 78-Pt-192  
 Radionuclide Production Cross Section 180.01 dth 291.1 %



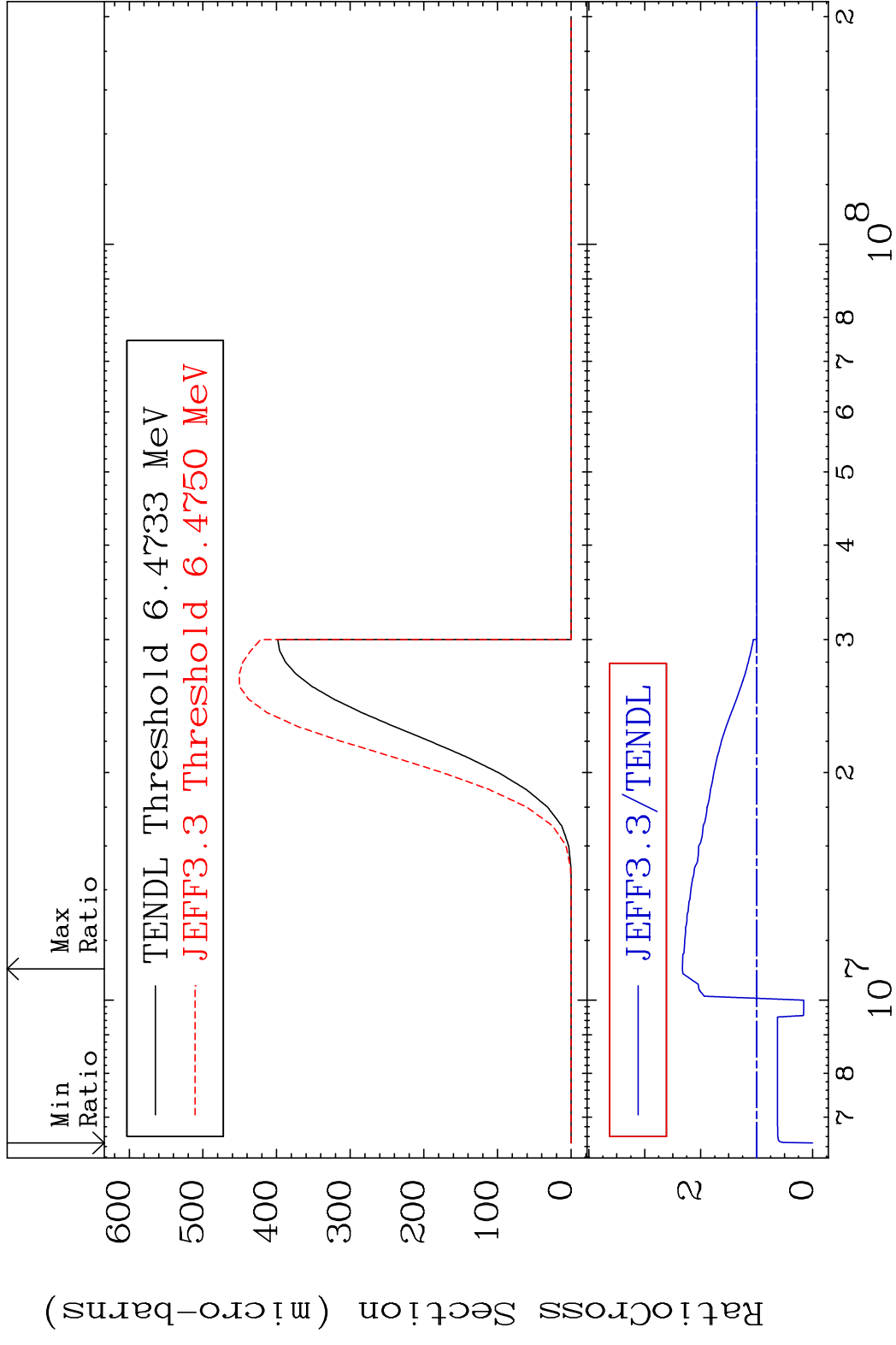


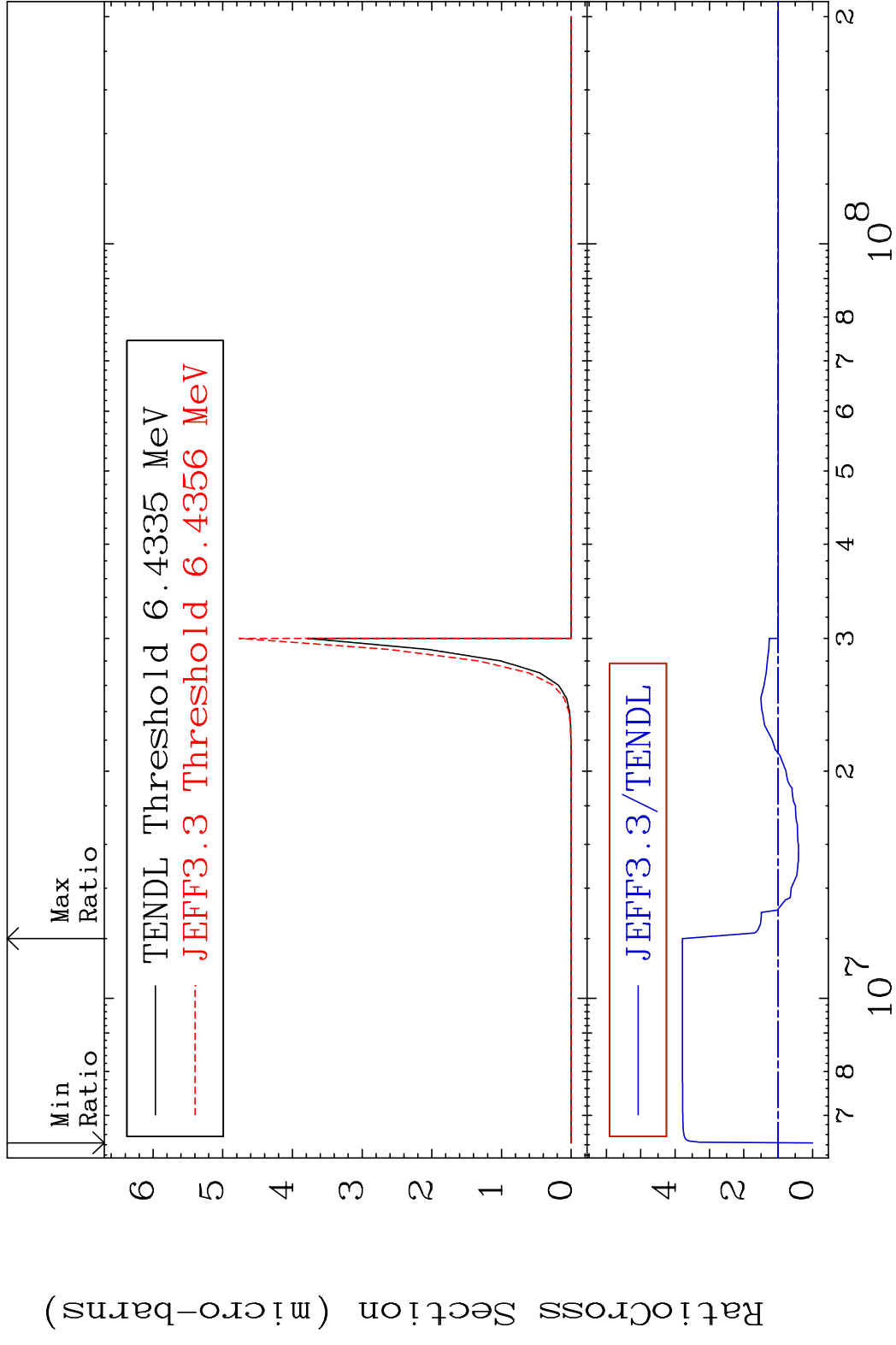
MAT 7831 (n,d):77-Ir-191m3 78-Pt-192  
 Radionuclide Production Cross Section 78Pt192 147.0 %

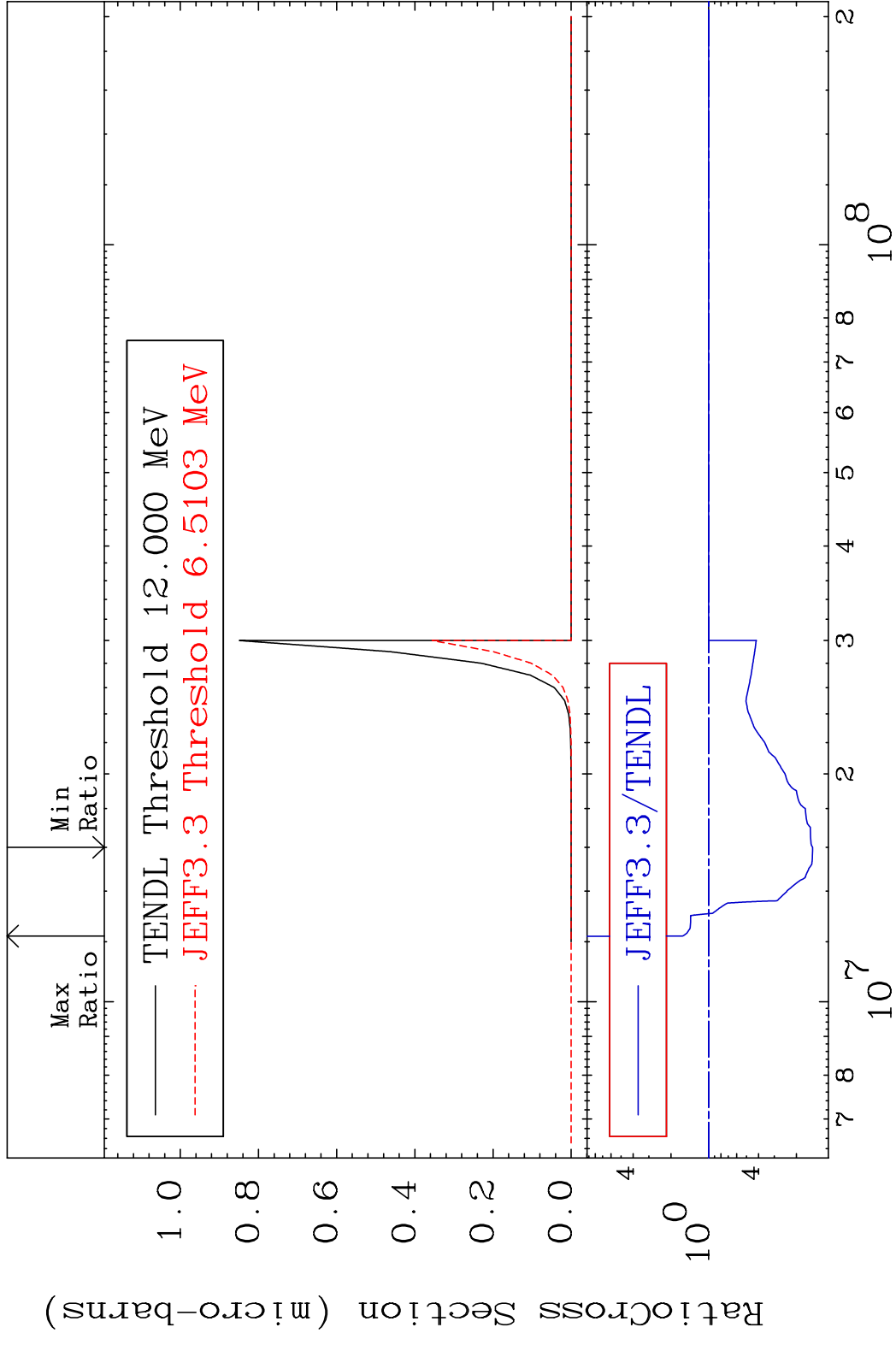




MAT 7831 (n, t): 77-Ir-190m2 78-Pt-192  
 Radionuclide Production Cross Section 132.8 %







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

