

Program Complot  
(Version 2021-1)

by

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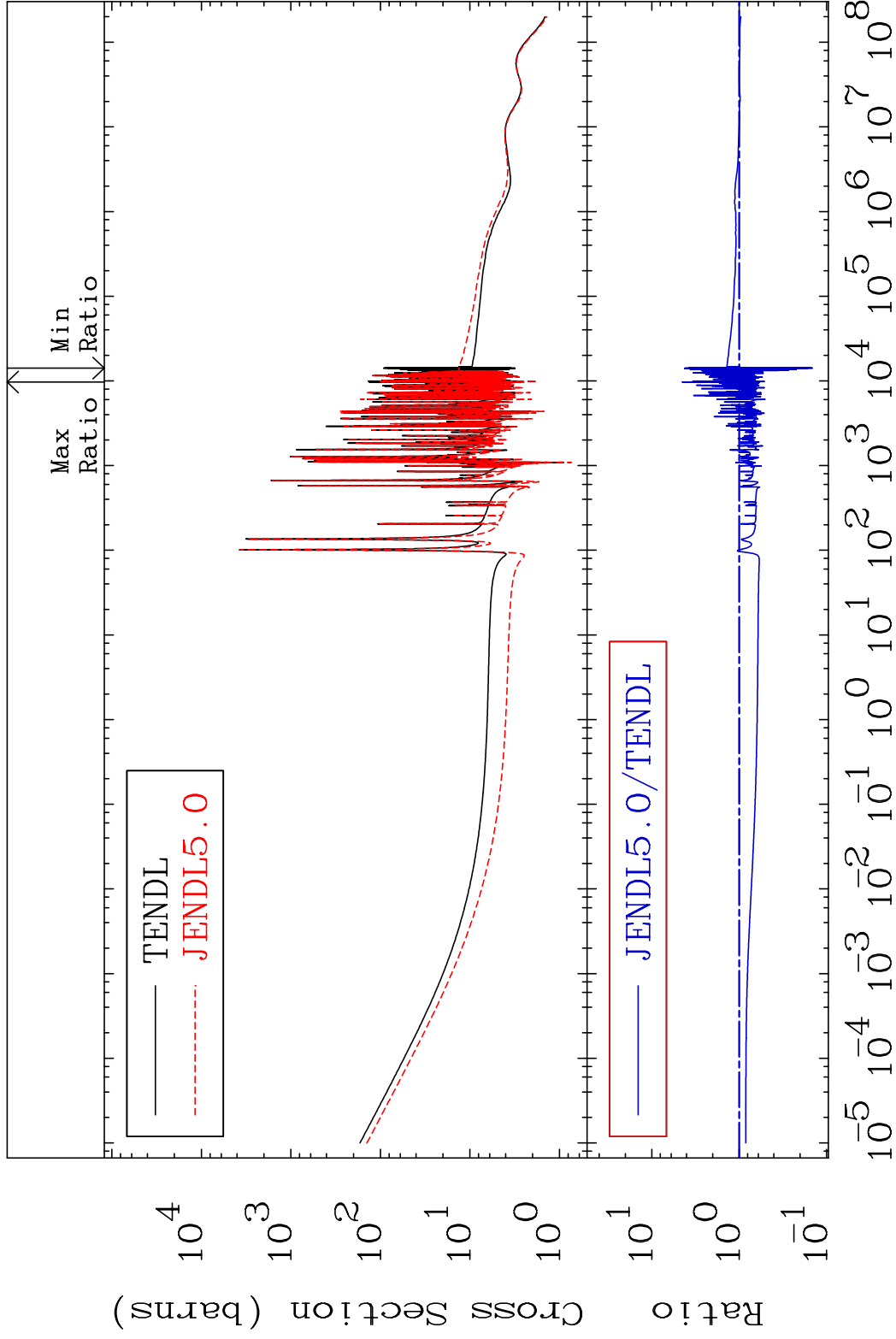
Press Mouse Button to Start

MAT 3531

Total

35-Br-81

Cross Section -85.59 To 346.0 %



1

Incident Energy (eV)

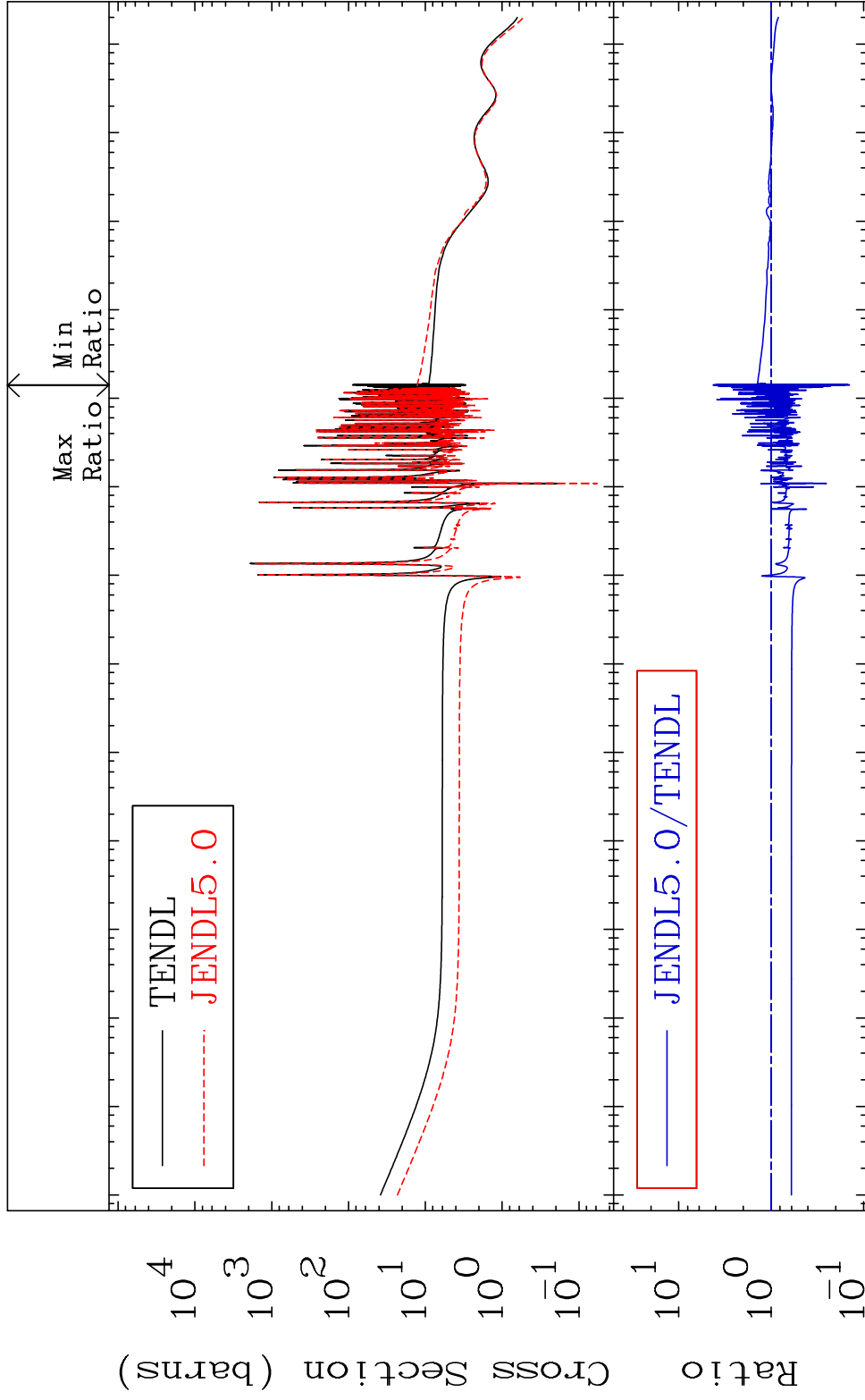
35-Br-81

MAT 3531

Elastic

35-Br-81

Cross Section -85.74 To 323.8 %



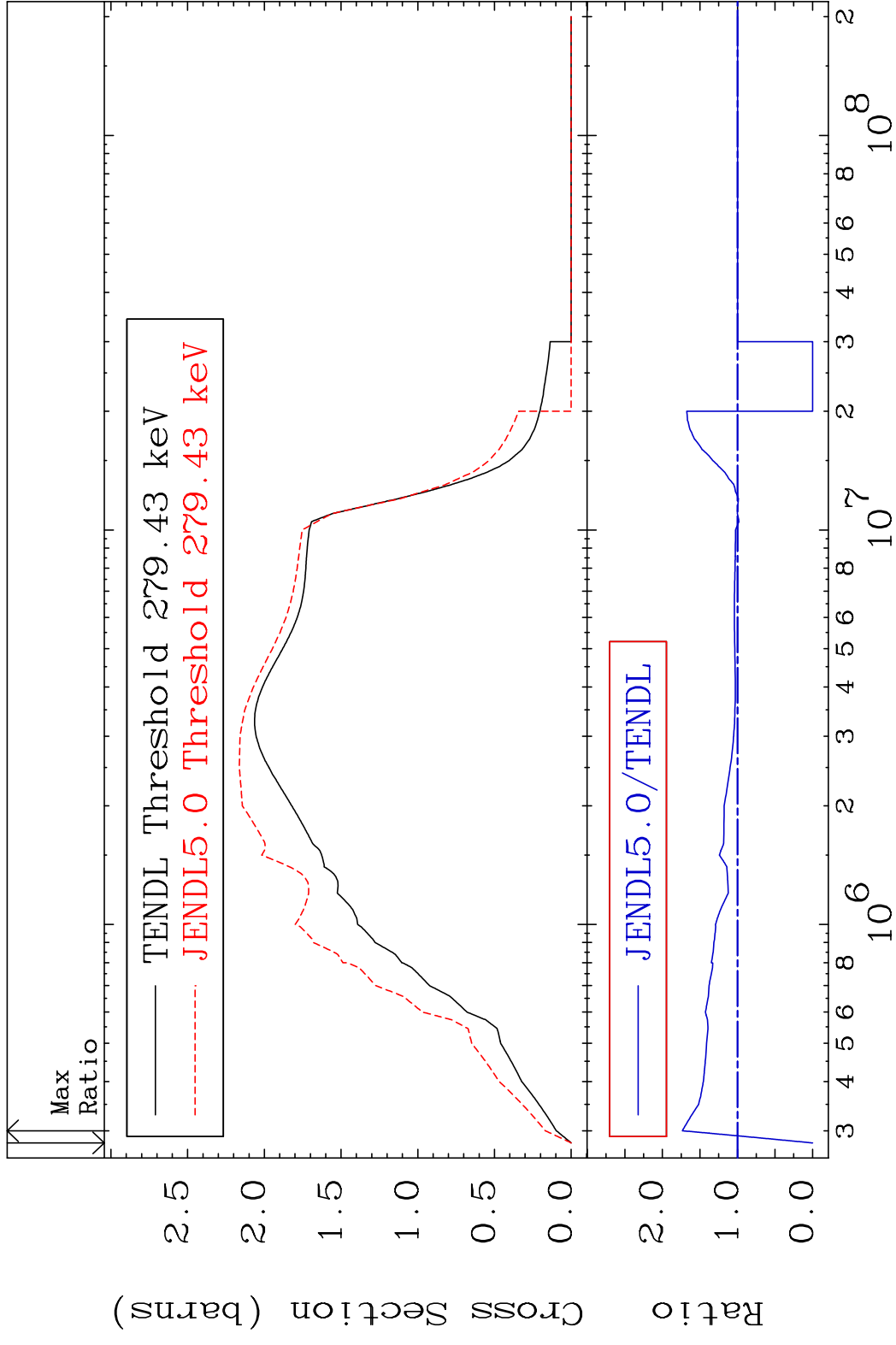
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

2

Incident Energy (eV)

35-Br-81

MAT 3531 Inelastic 35-Br-81  
 Cross Section -100.0 To 73.40 %



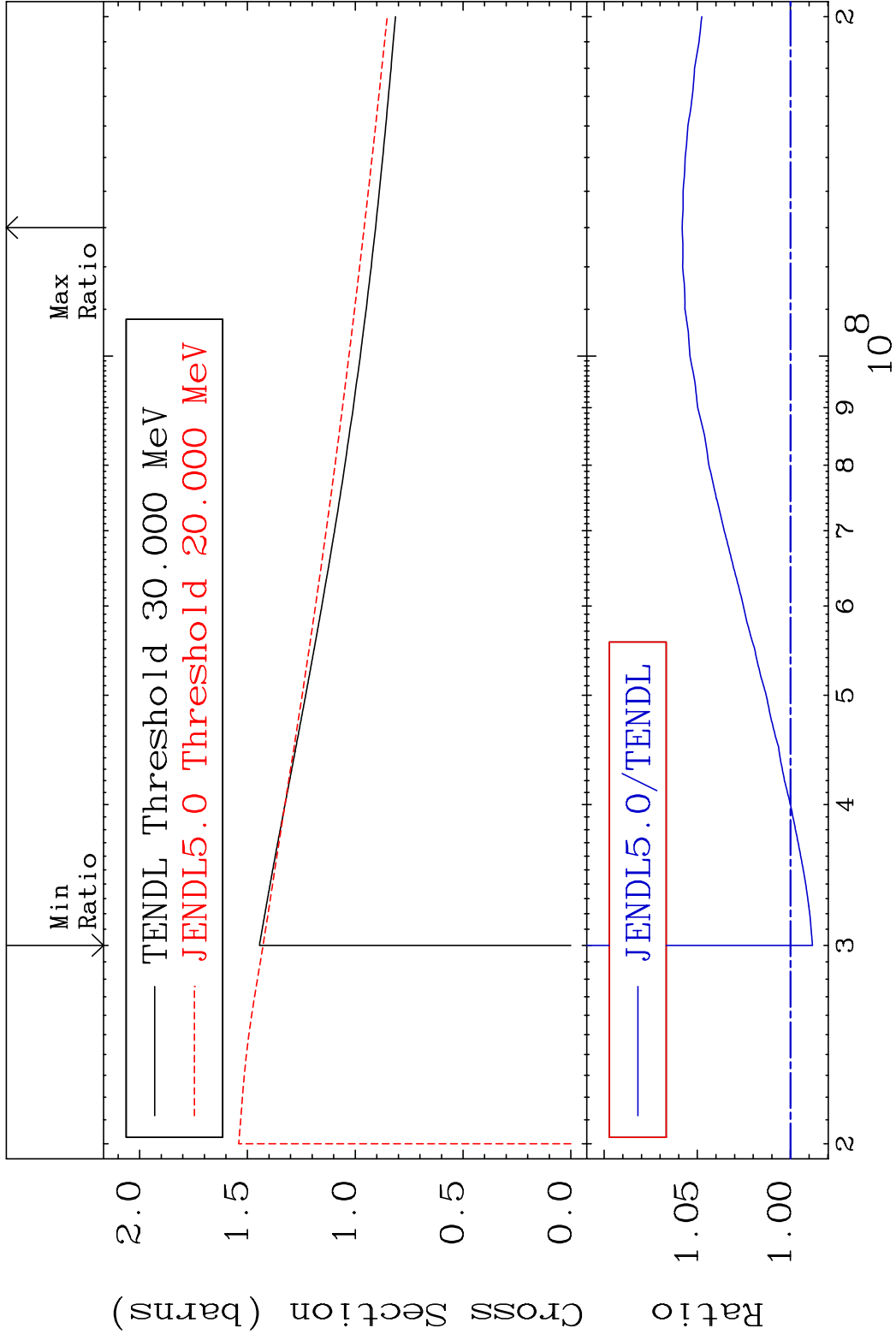
3 Incident Energy (eV) 35-Br-81

MAT 3531

(n, remainder)

35-Br-81

Cross Section -1.181 To 5.816 %



4

Incident Energy (eV)

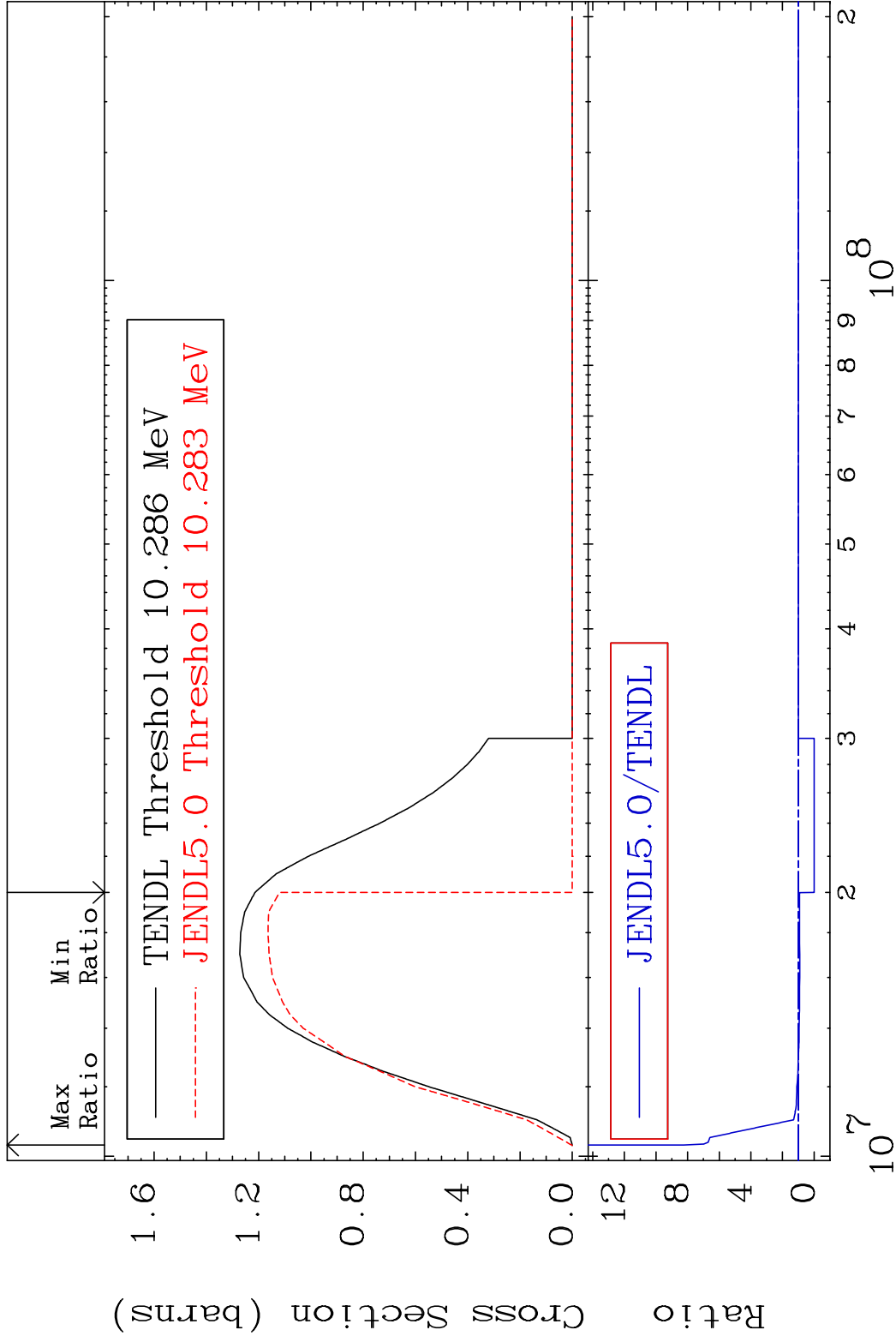
35-Br-81

MAT 3531

(n,2n)

35-Br-81

Cross Section -100.0 To 725.0 %



5

Incident Energy (eV)

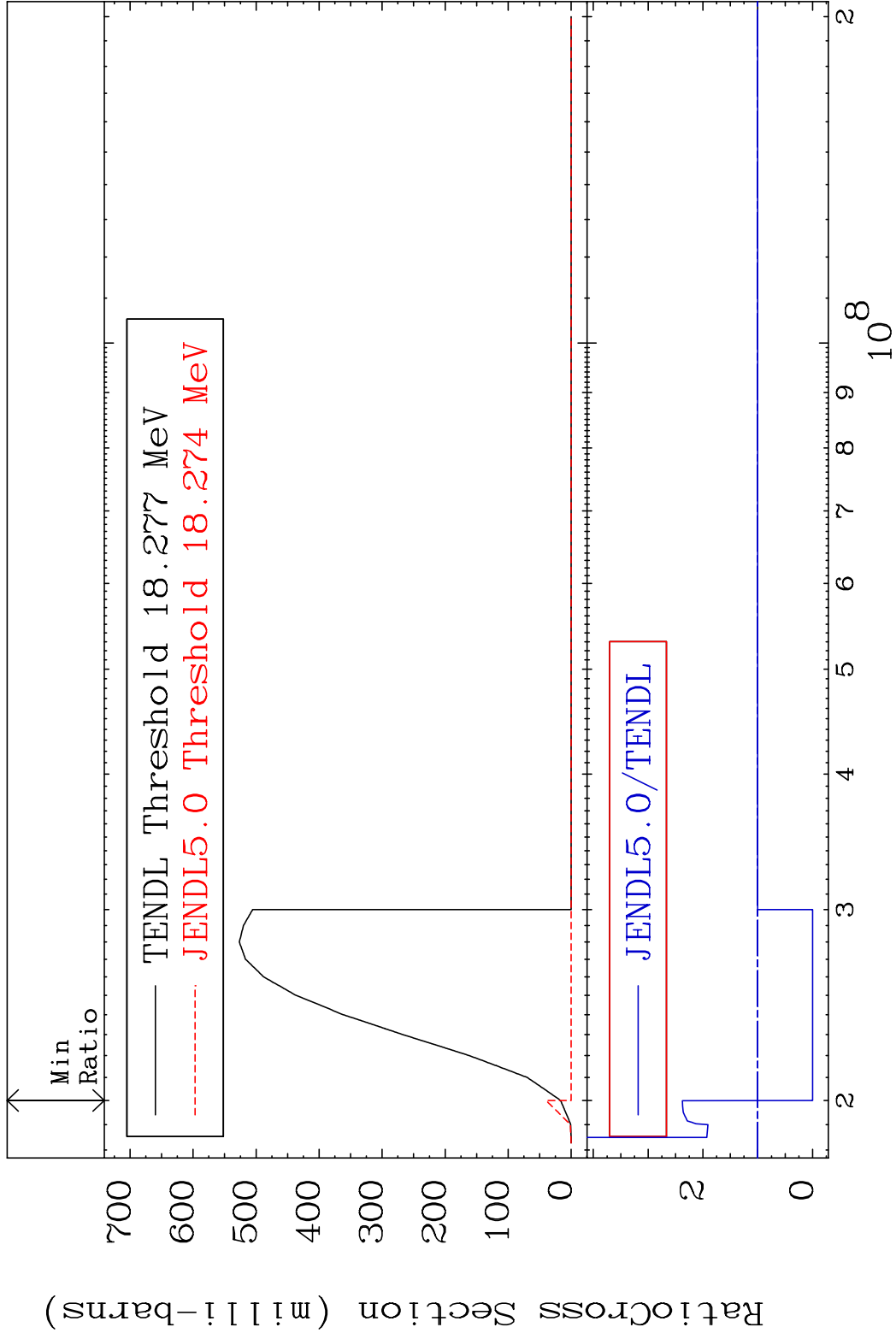
35-Br-81

MAT 3531

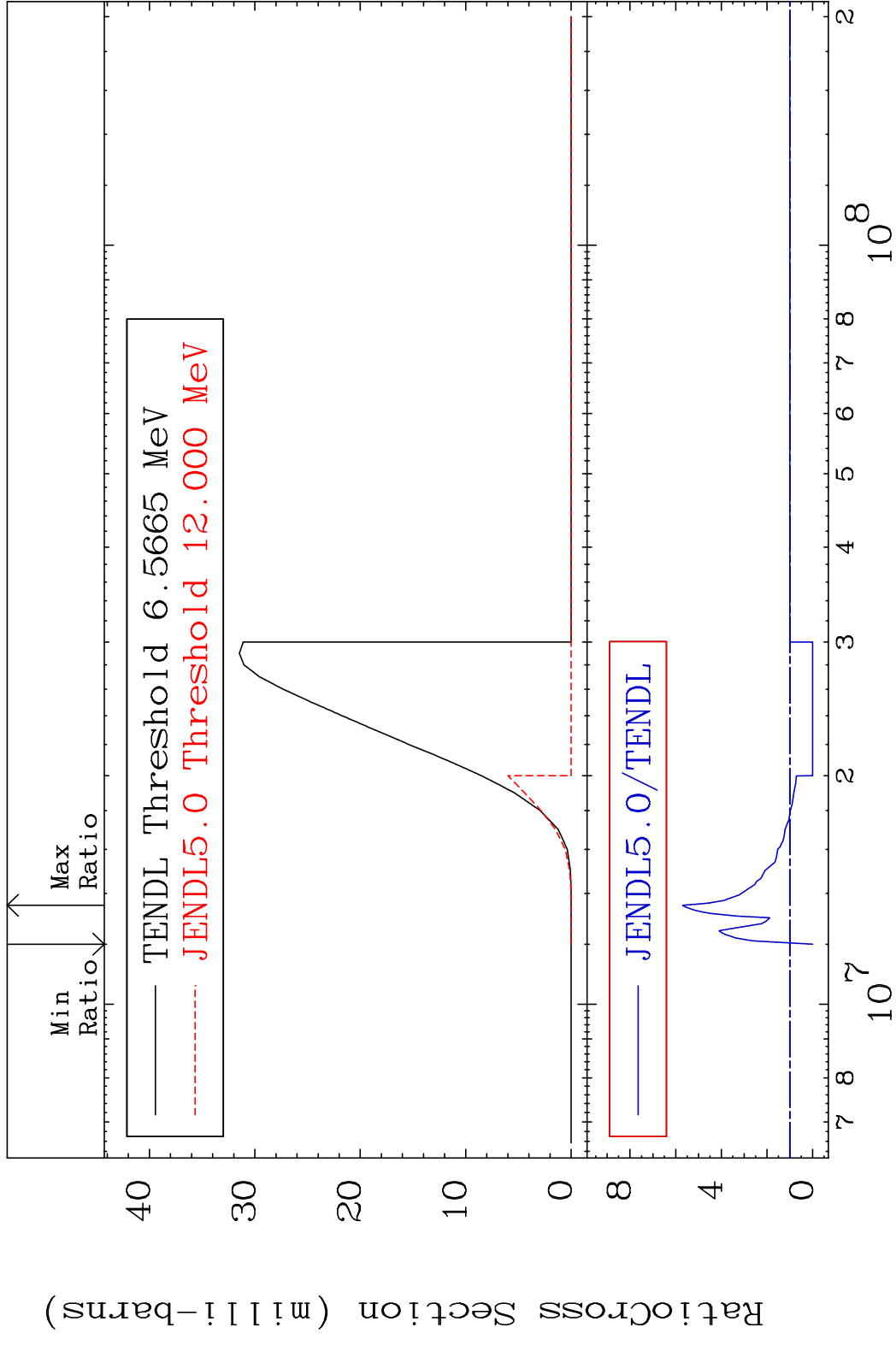
(n,3n)

35-Br-81

Cross Section -100.0 To 137.6 %

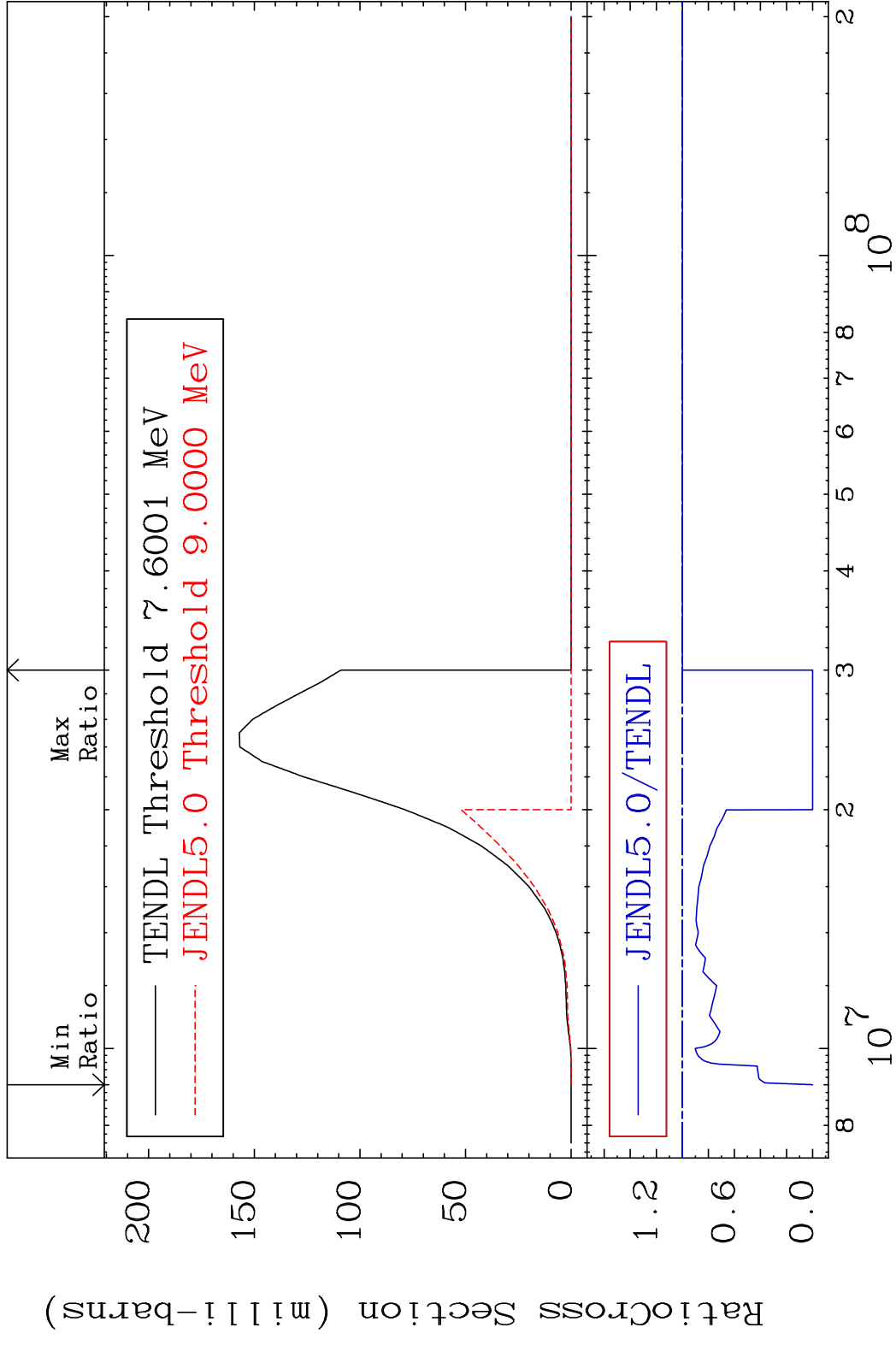


MAT 3531 (n, n')  $\alpha$  35-Br-81  
 Cross Section -100.0 To 470.7 %



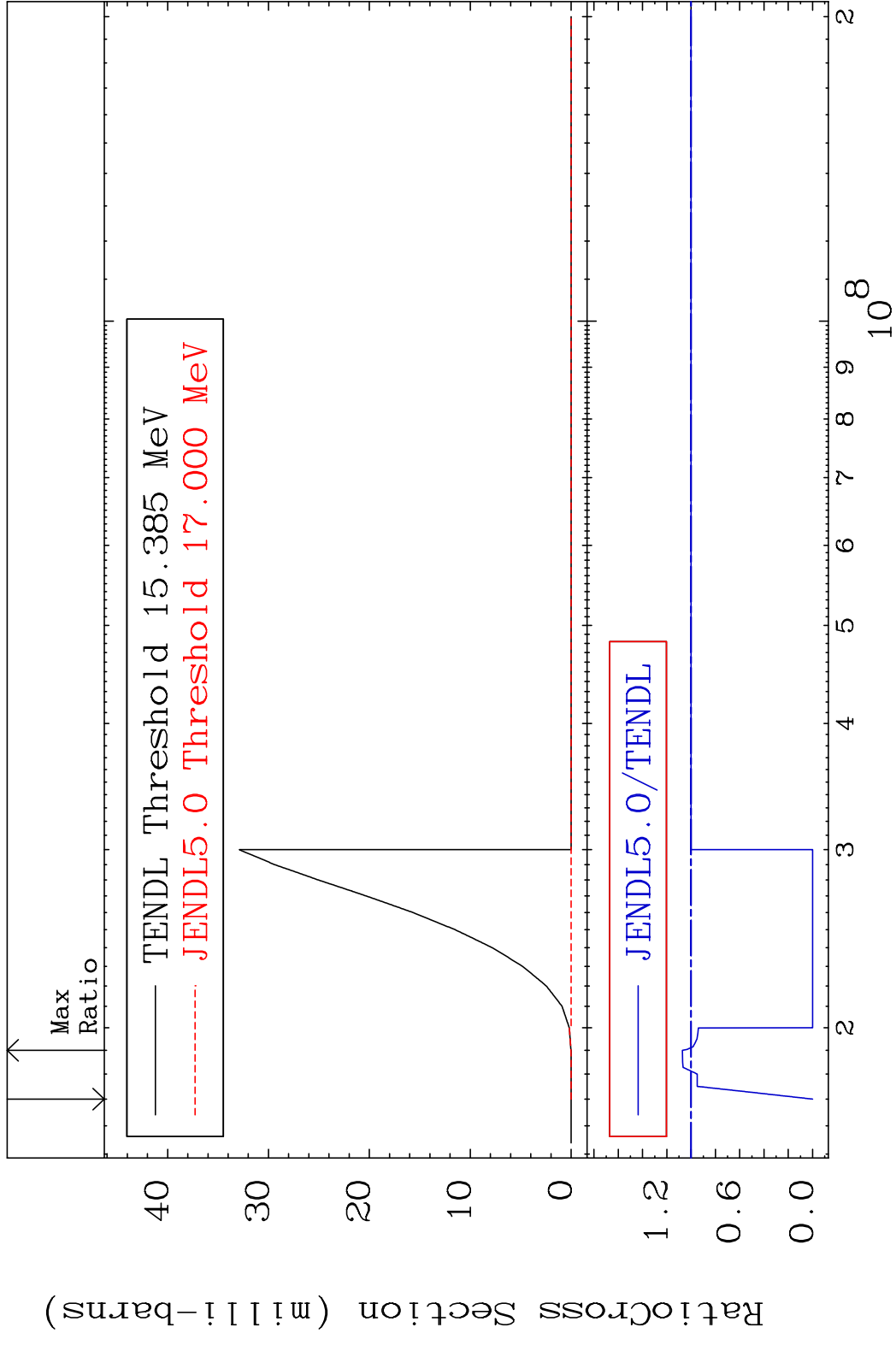
7 8 10<sup>7</sup> 2 3 4 5 6 7 8 10<sup>8</sup> 2 35-Br-81

MAT 3531 (n, n') p 35-Br-81  
 Cross Section -100.0 To 0.000 %

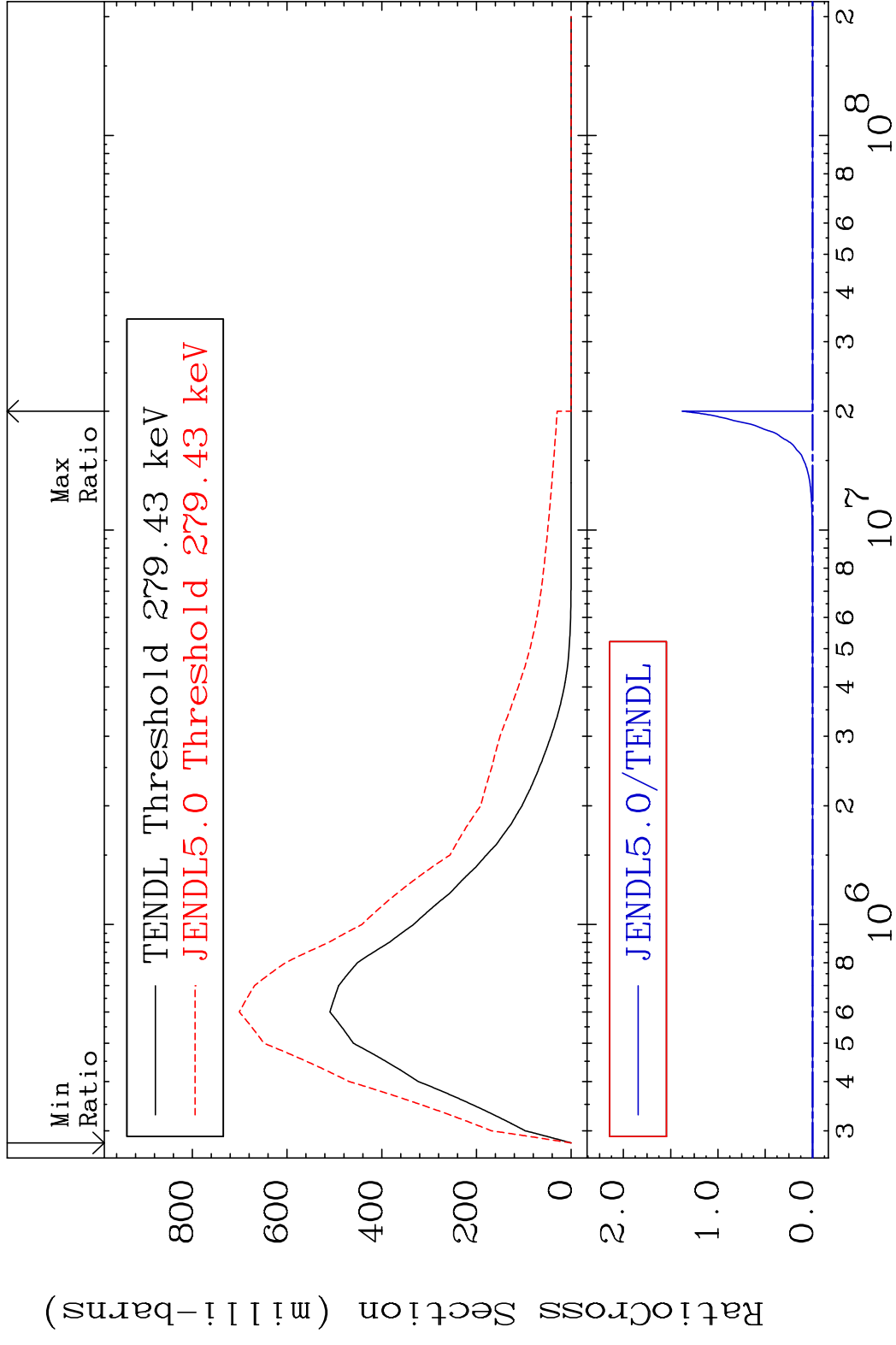


8 8 Incident Energy (eV) 35-Br-81

MAT 3531 (n, n') d 35-Br-81  
 Cross Section -100.0 To 7.227 %

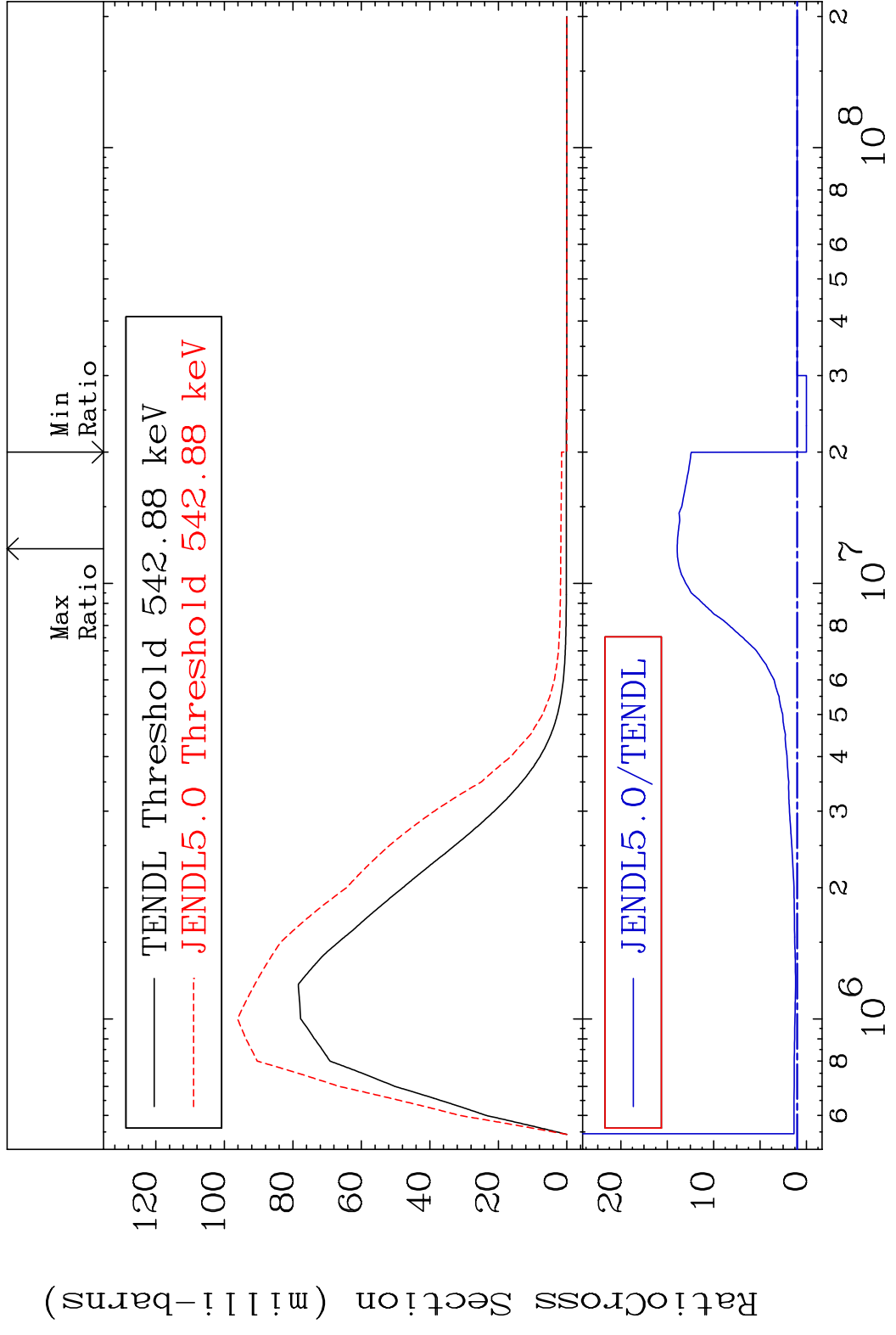


MAT 3531 MT= 51 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 9999. %

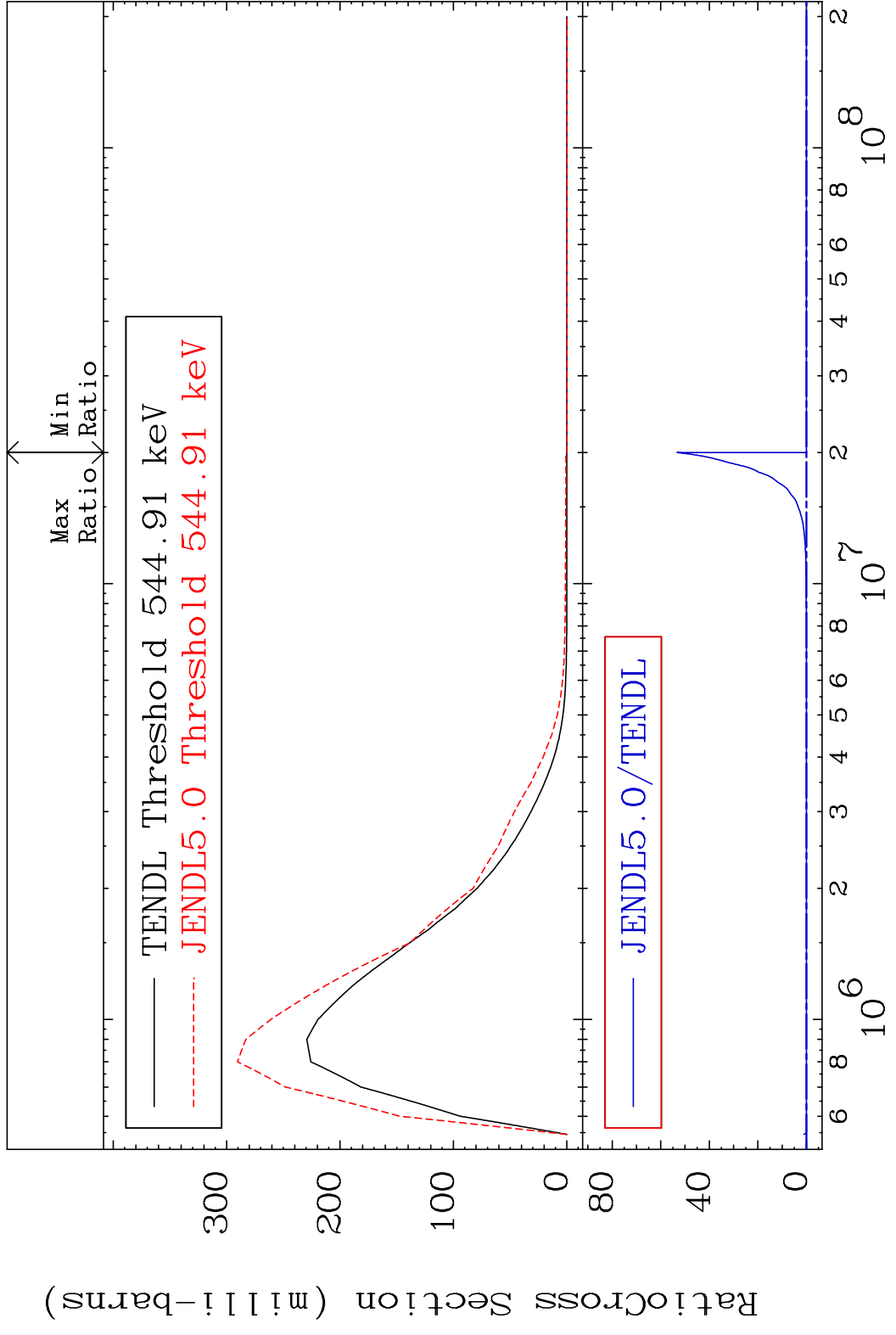


10 Incident Energy (eV) 35-Br-81

MAT 3531 MT= 52 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 1293. %

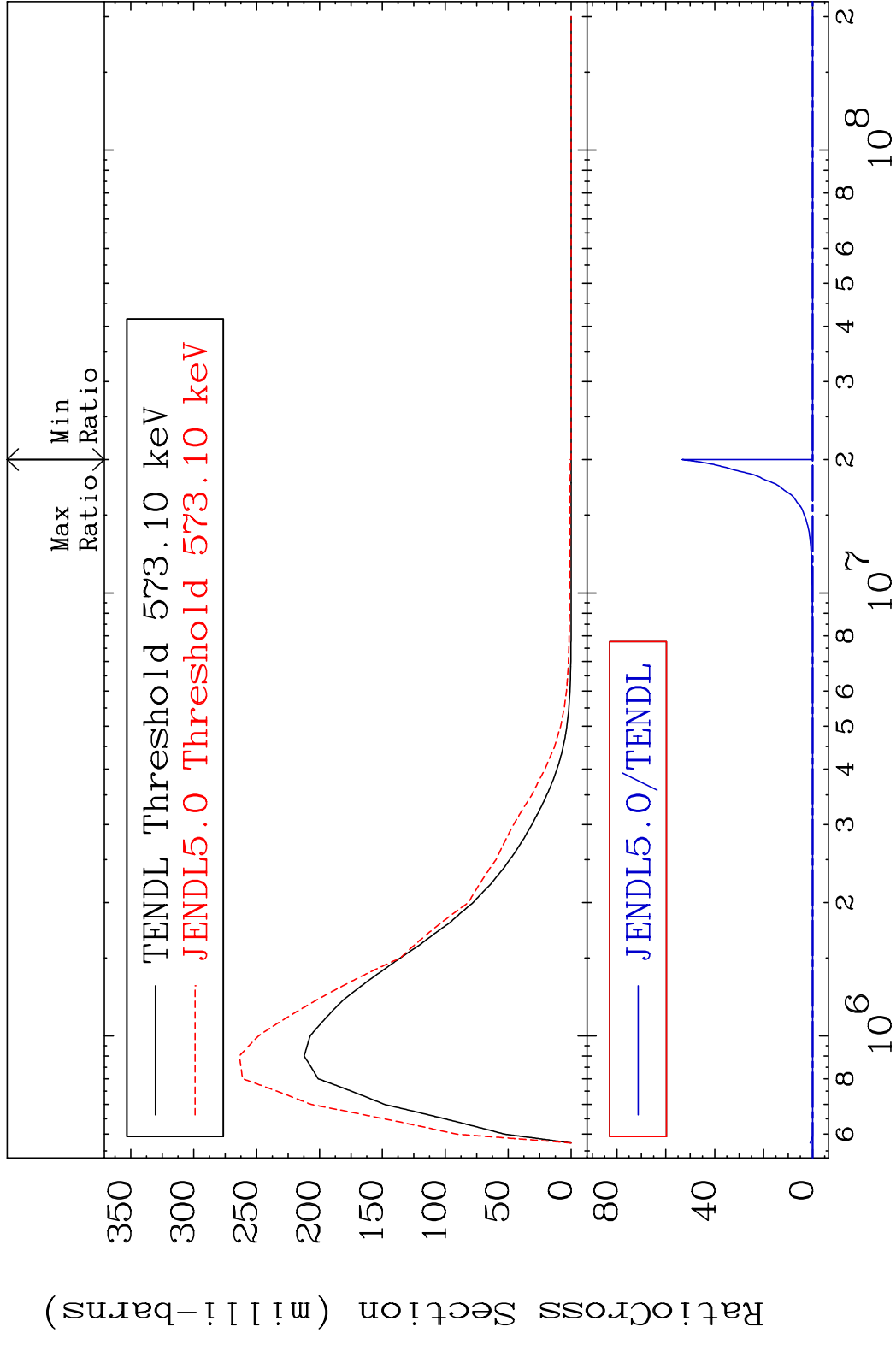


MAT 3531 MT= 53 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 9999. %



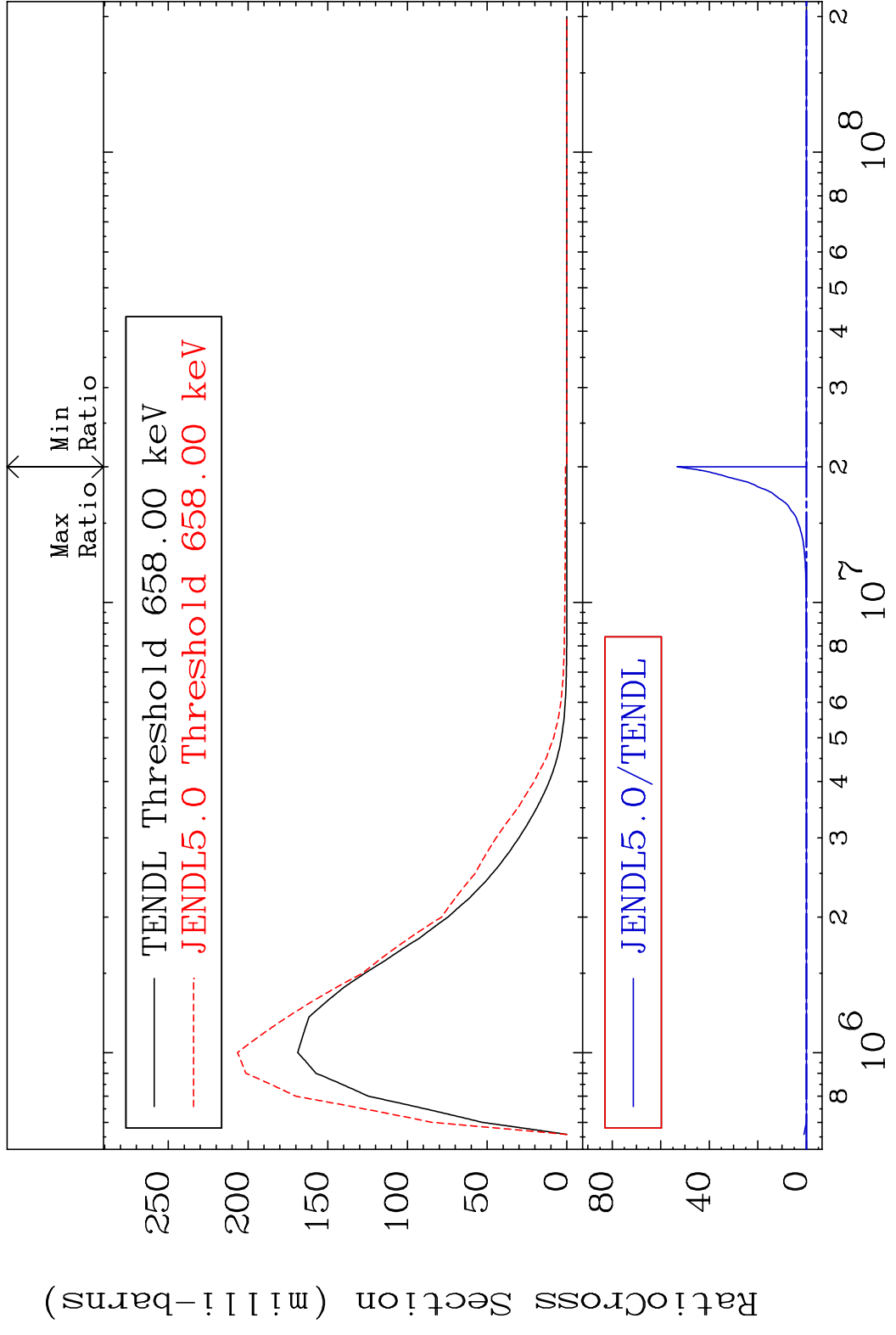
12 Incident Energy (eV) 35-Br-81

MAT 3531 MT= 54 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 9999. %



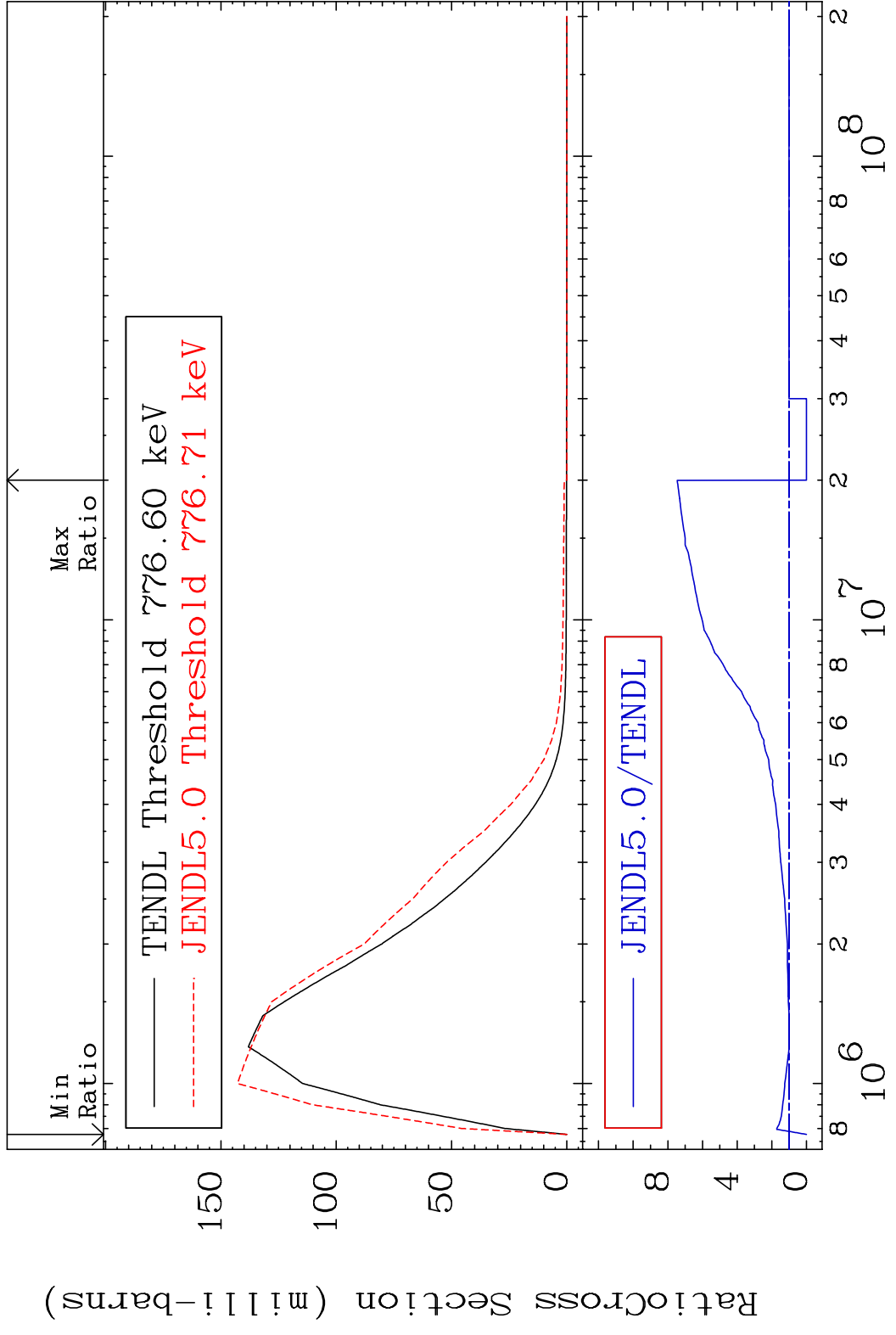
13 Incident Energy (eV) 35-Br-81

MAT 3531 MT= 55 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 9999. %



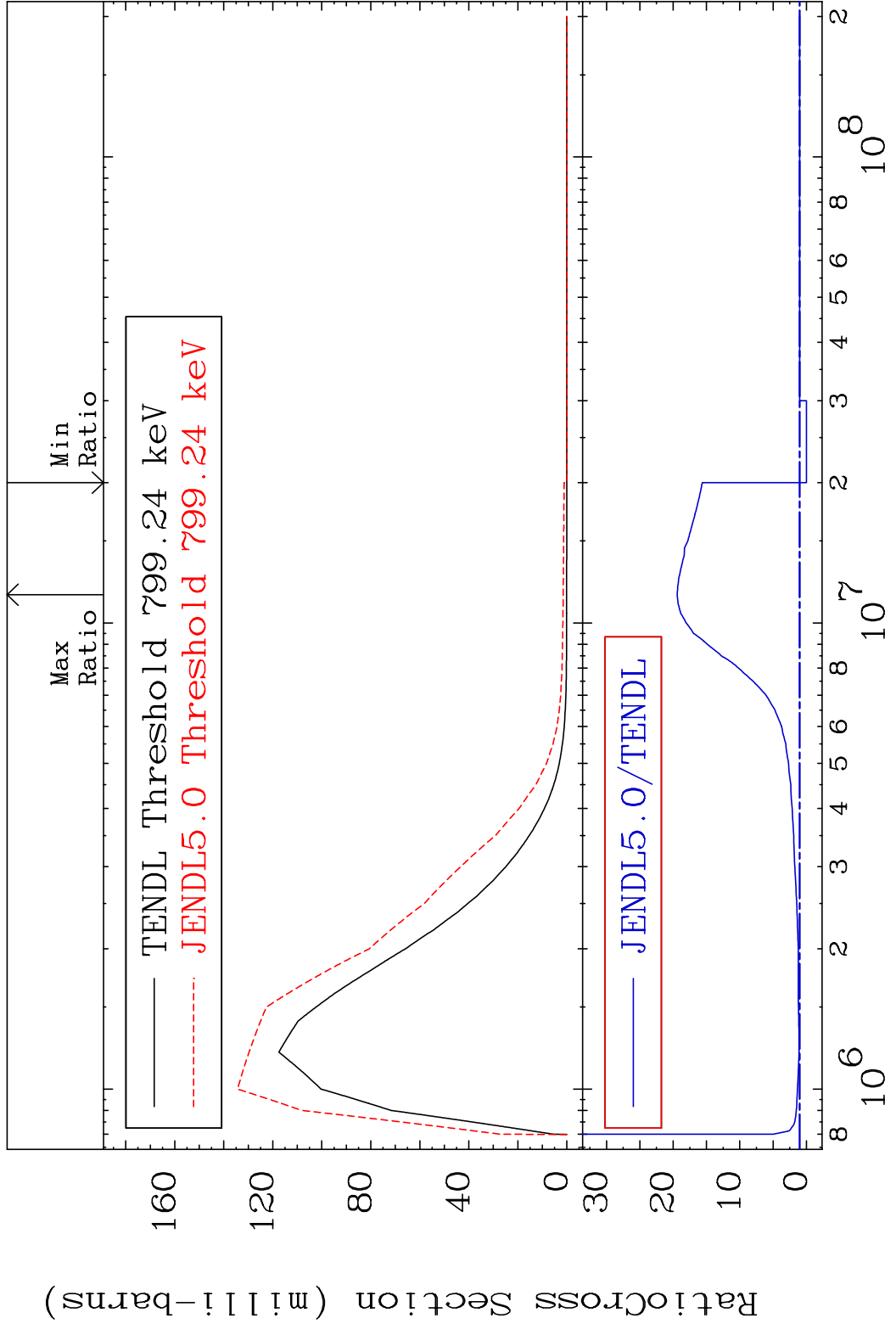
14 Incident Energy (eV) 35-Br-81

MAT 3531 MT= 56 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 646.0 %



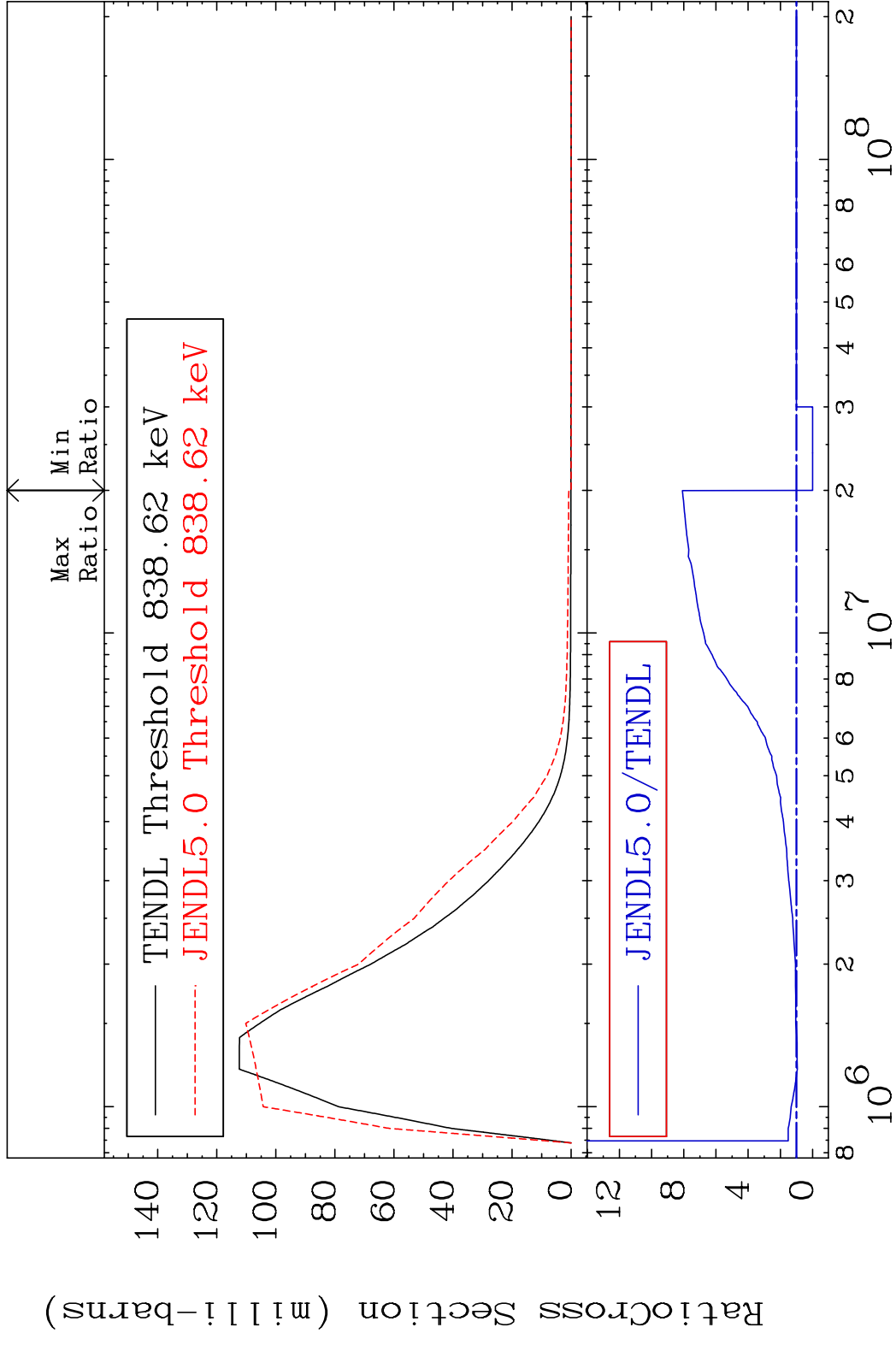
15 Incident Energy (eV) 35-Br-81

MAT 3531 MT= 57 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 1839. %



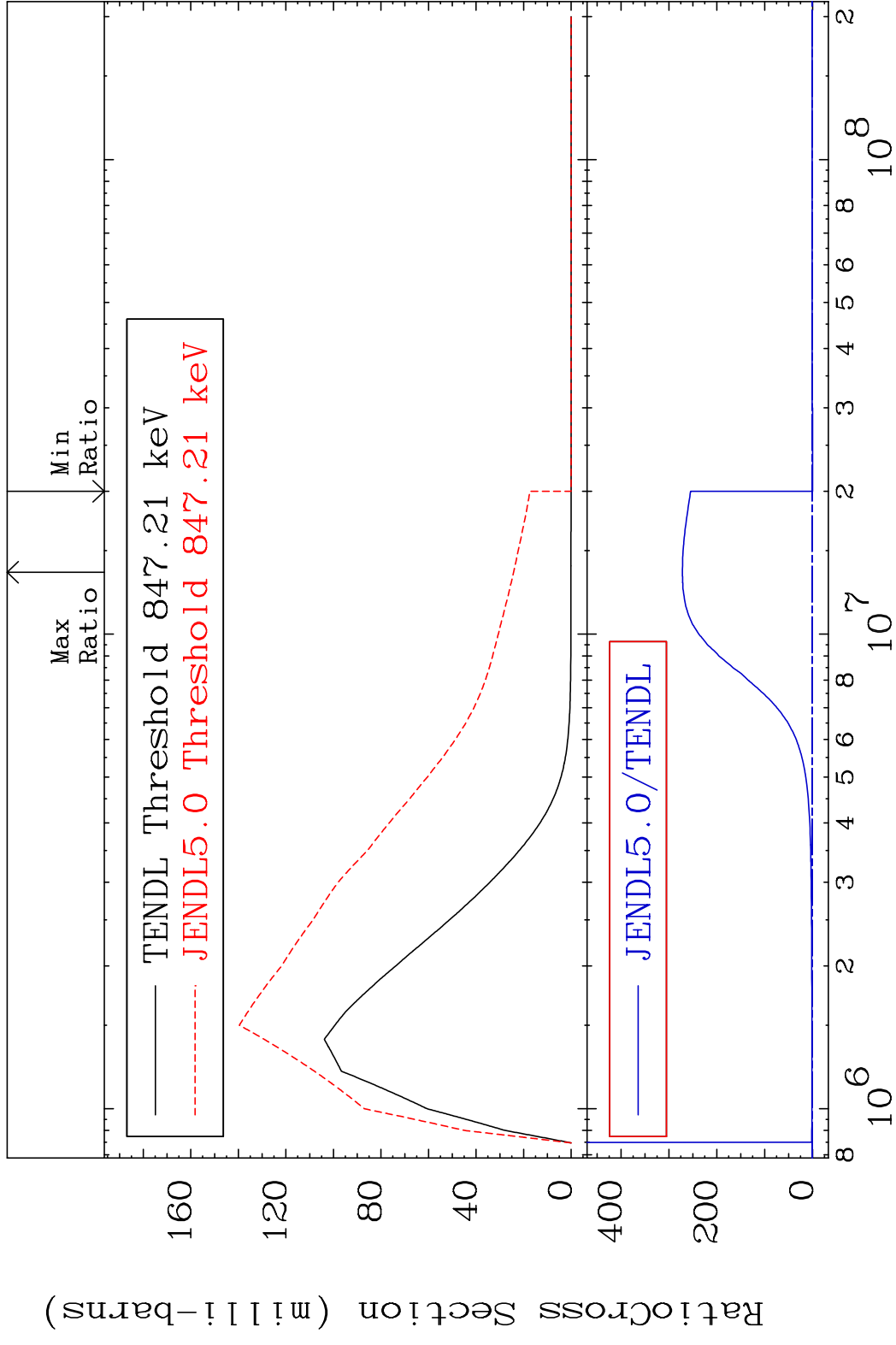
16 35-Br-81

MAT 3531 MT= 58 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 708.8 %



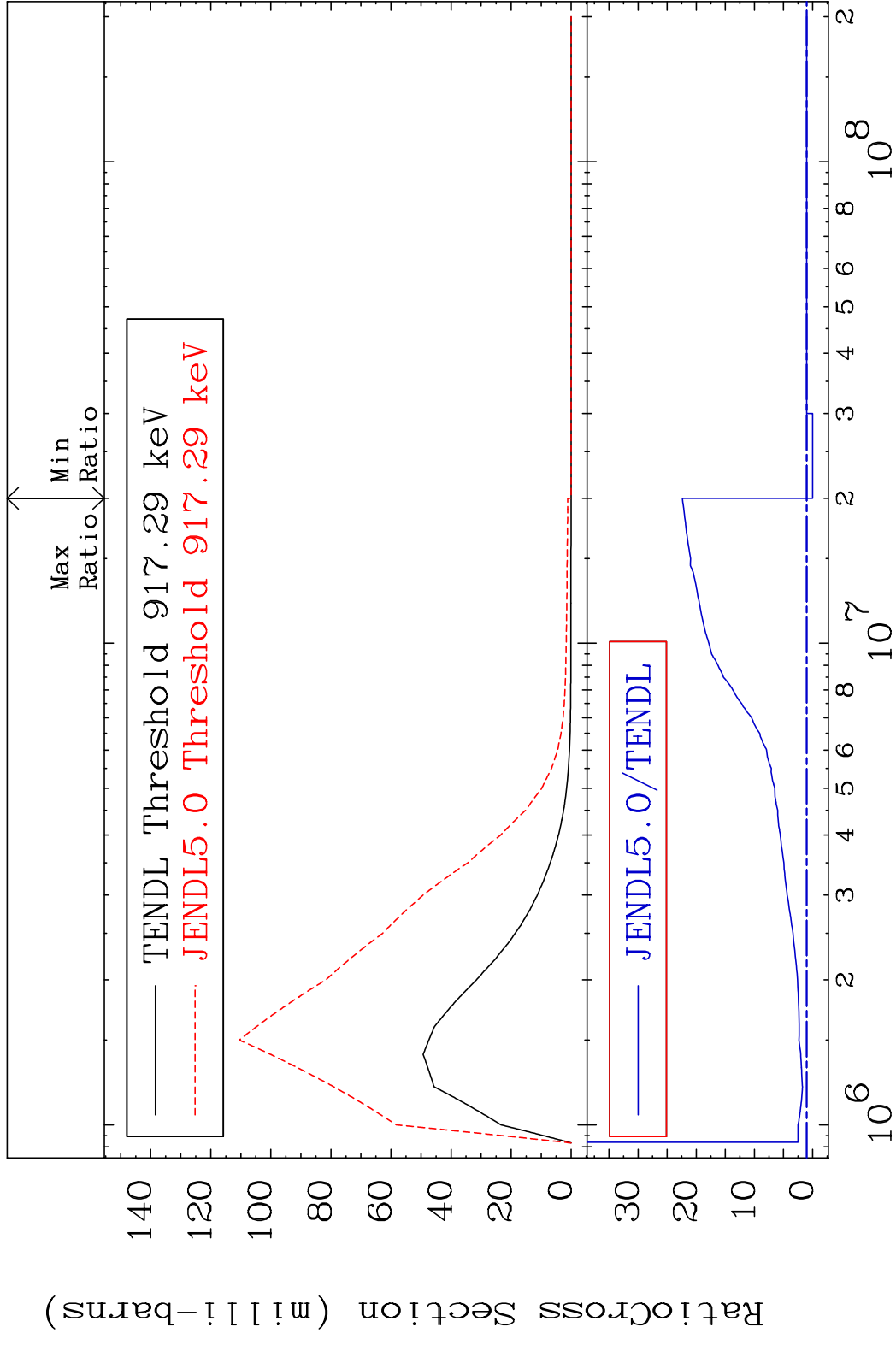
17 Incident Energy (eV) 35-Br-81

MAT 3531 MT= 59 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 9999. %



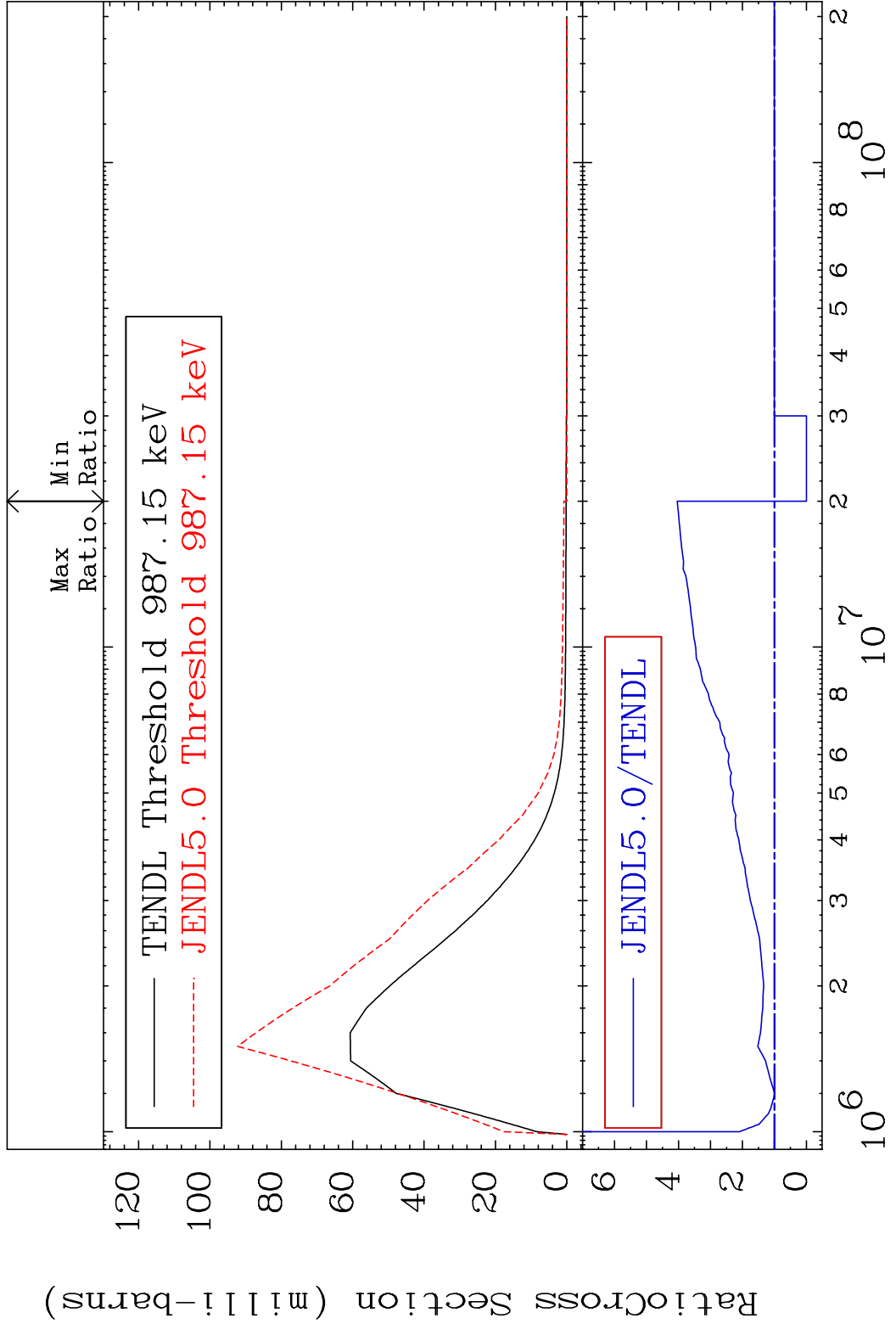
18 35-Br-81

MAT 3531 MT= 60 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 2139. %



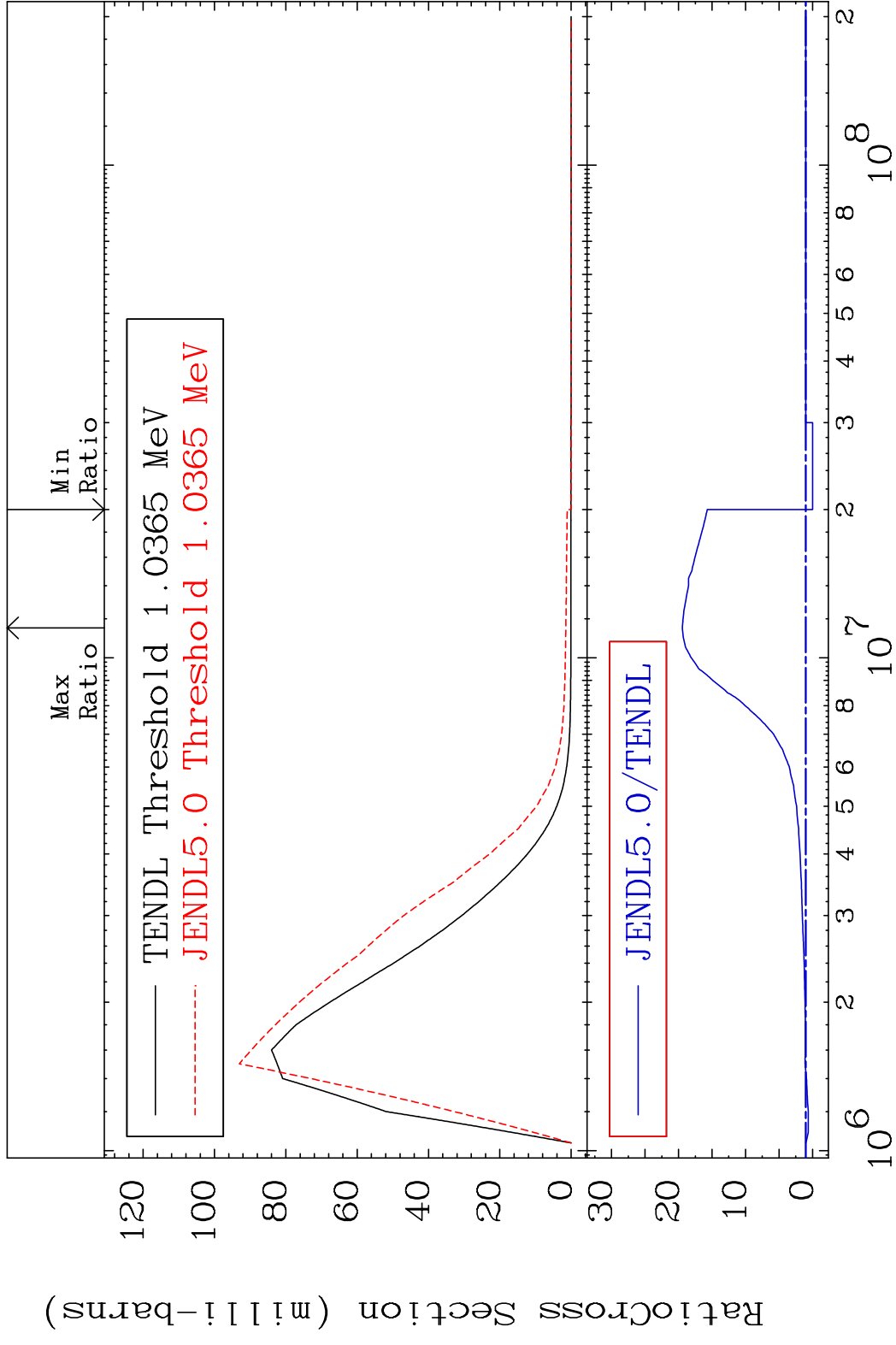
19 35-Br-81

MAT 3531 MT= 61 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 304.1 %



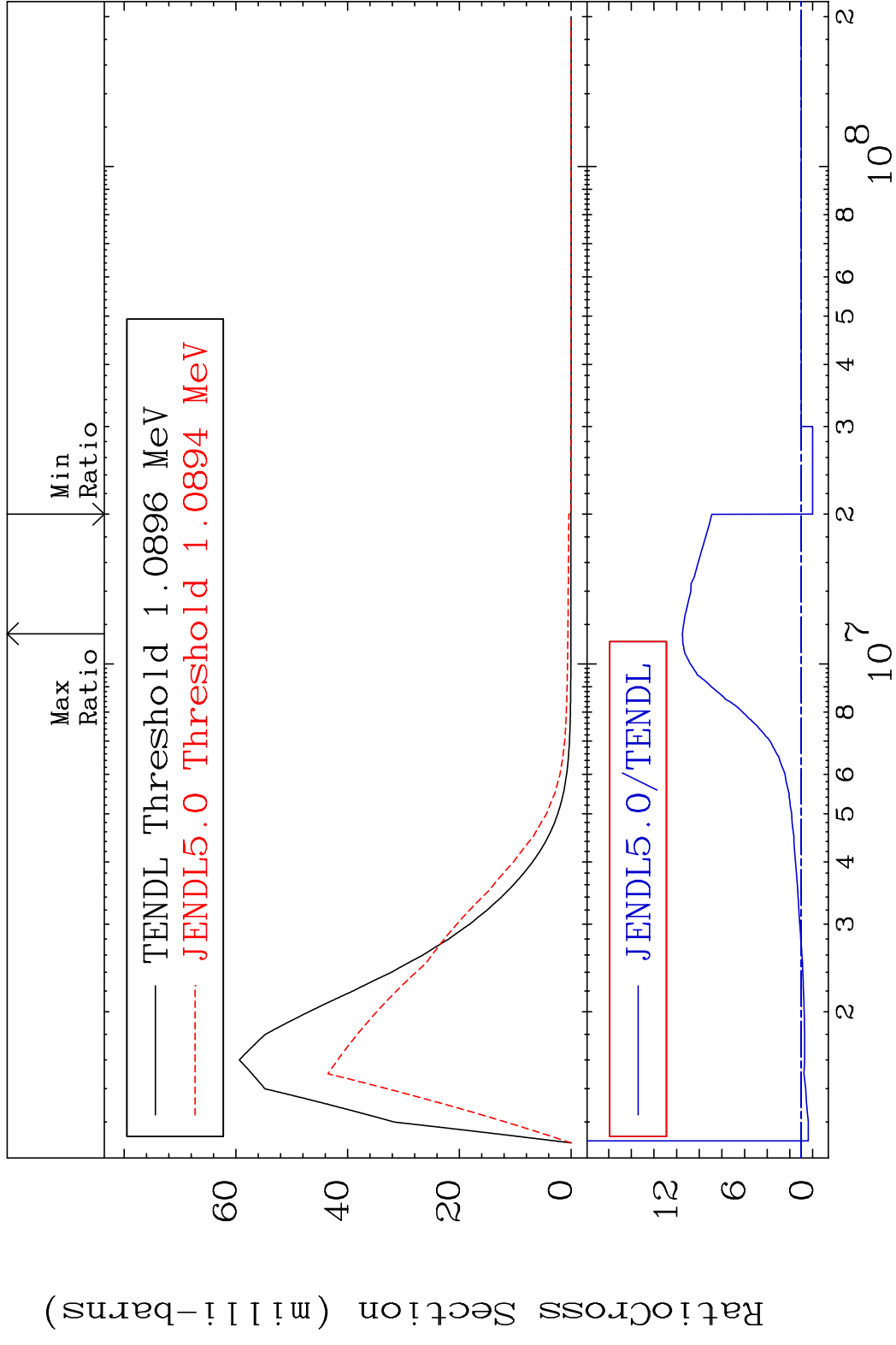
20 10<sup>6</sup> 2 3 4 5 6 8 10<sup>7</sup> 2 3 4 5 6 8 10<sup>8</sup> 20

MAT 3531 MT= 62 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 1843. %

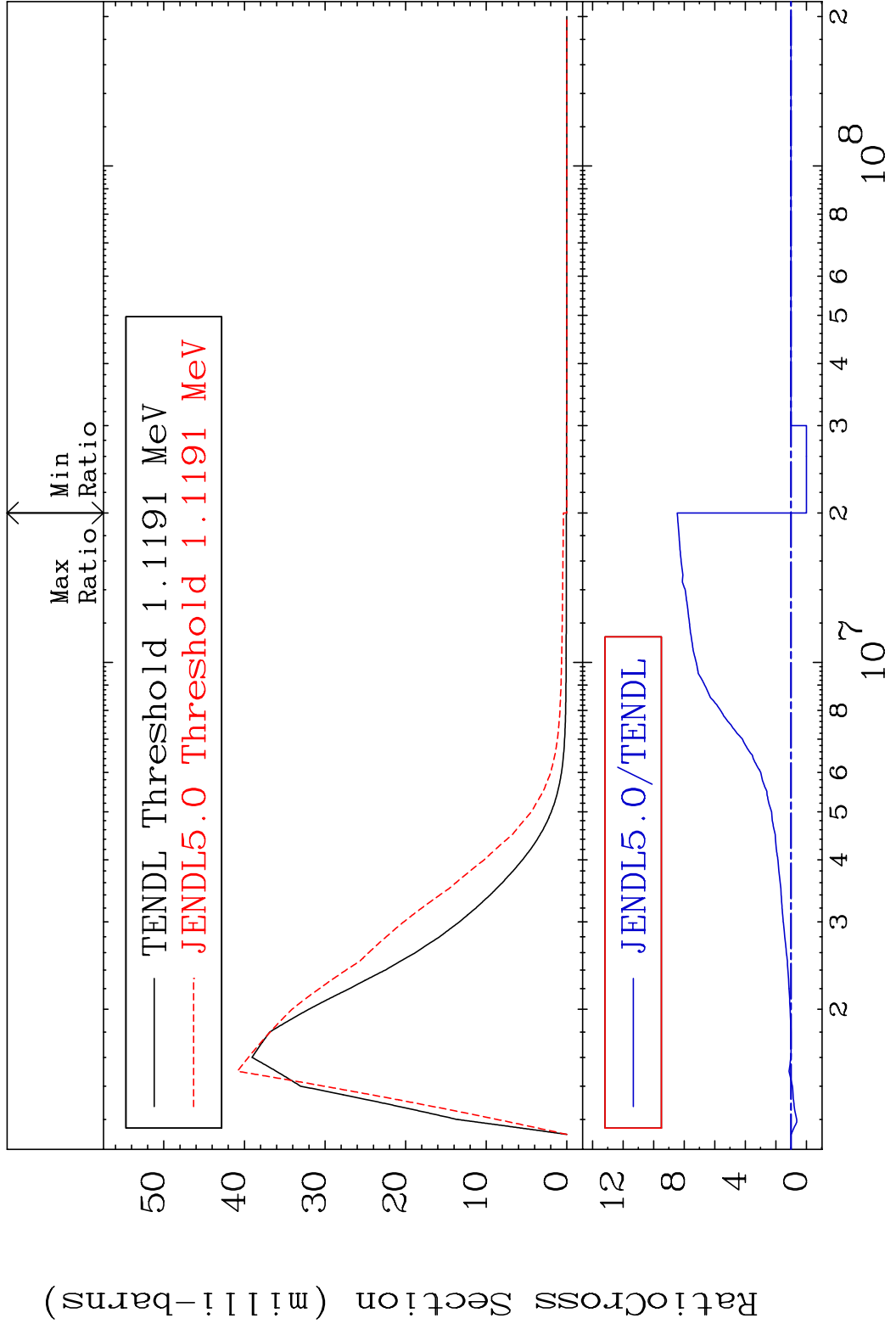


21 Incident Energy (eV) 35-Br-81

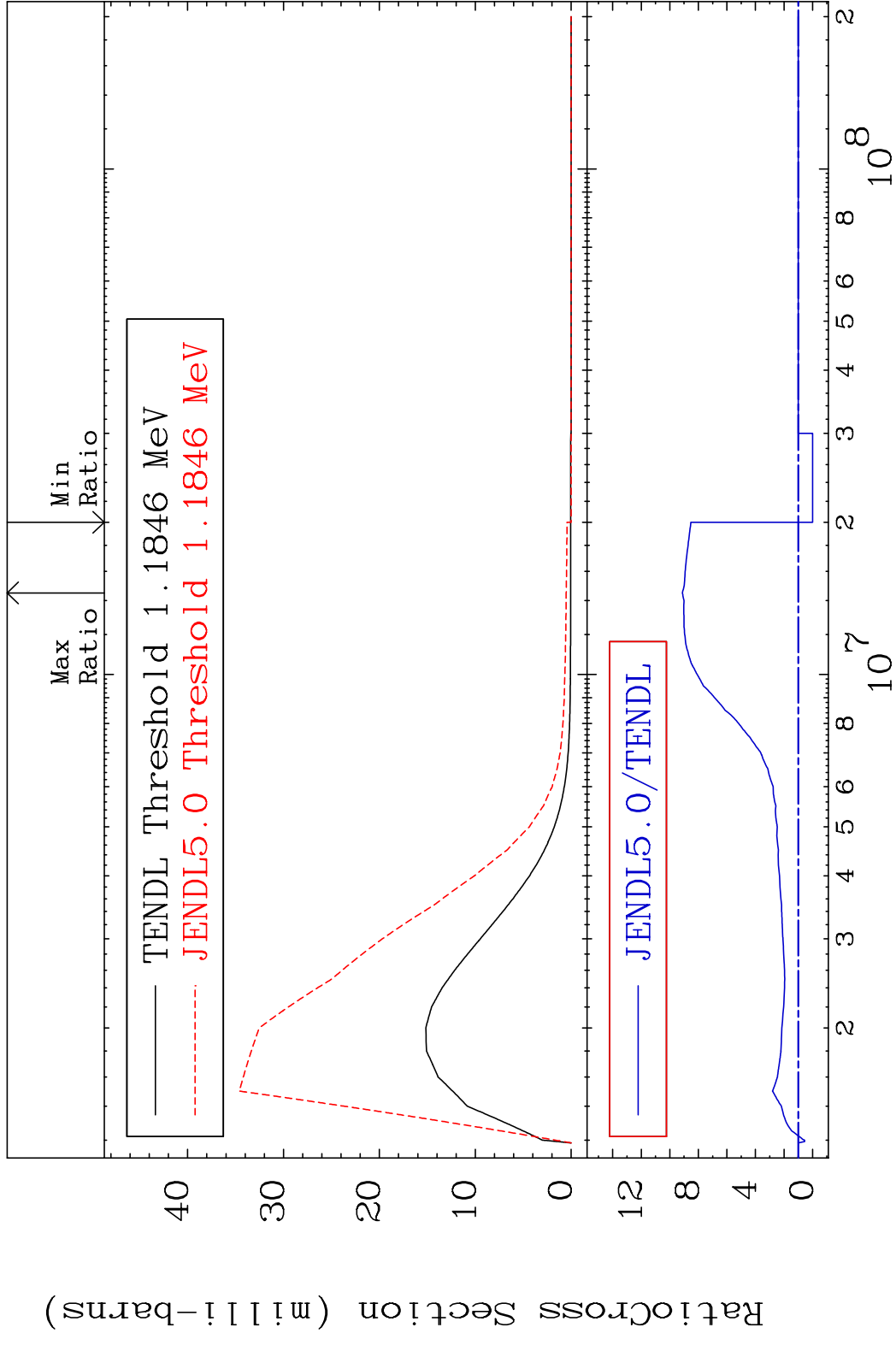
MAT 3531 MT= 63 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 1049. %



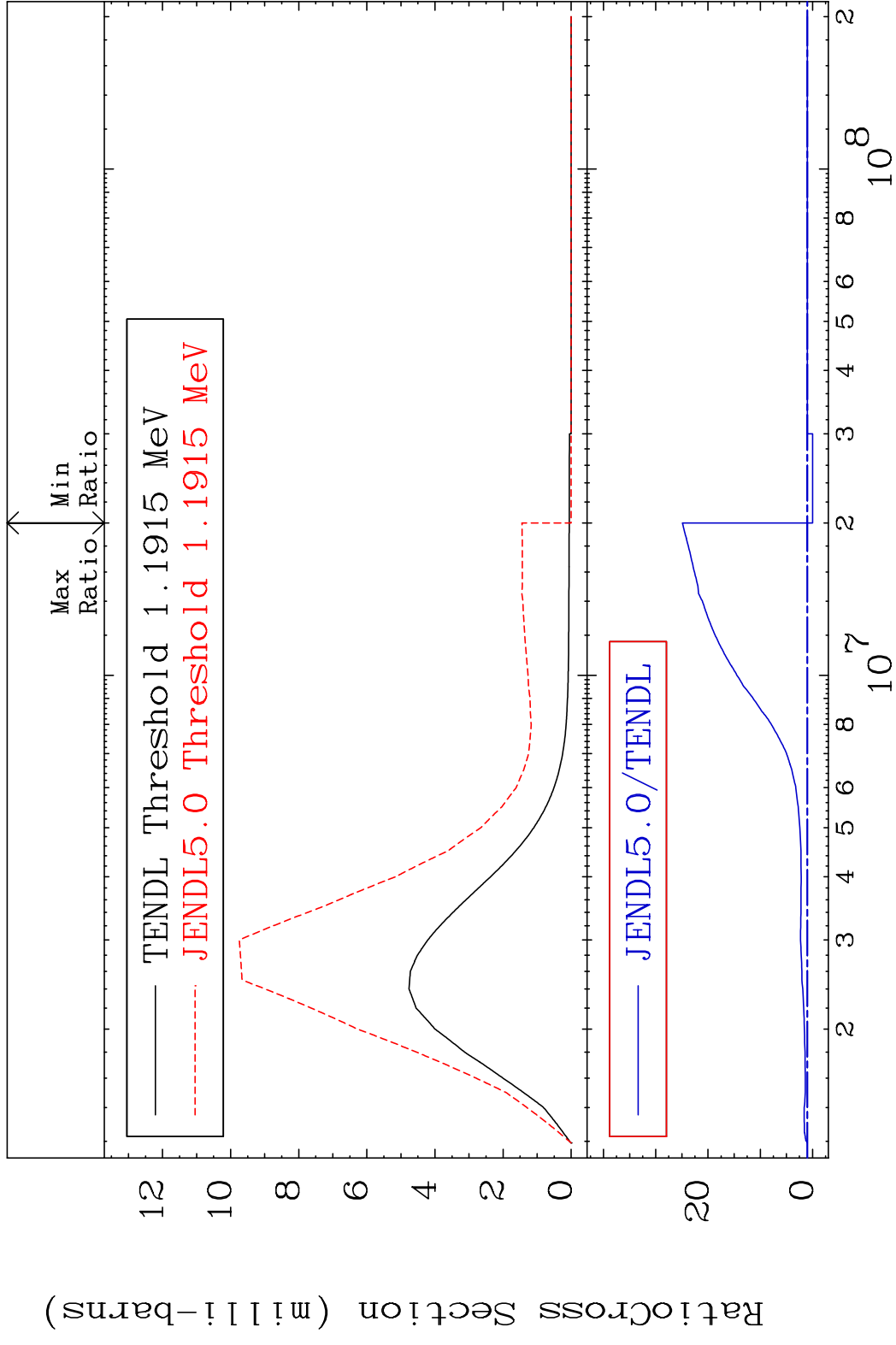
MAT 3531 MT= 64 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 745.6 %



MAT 3531 MT= 65 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 811.9 %

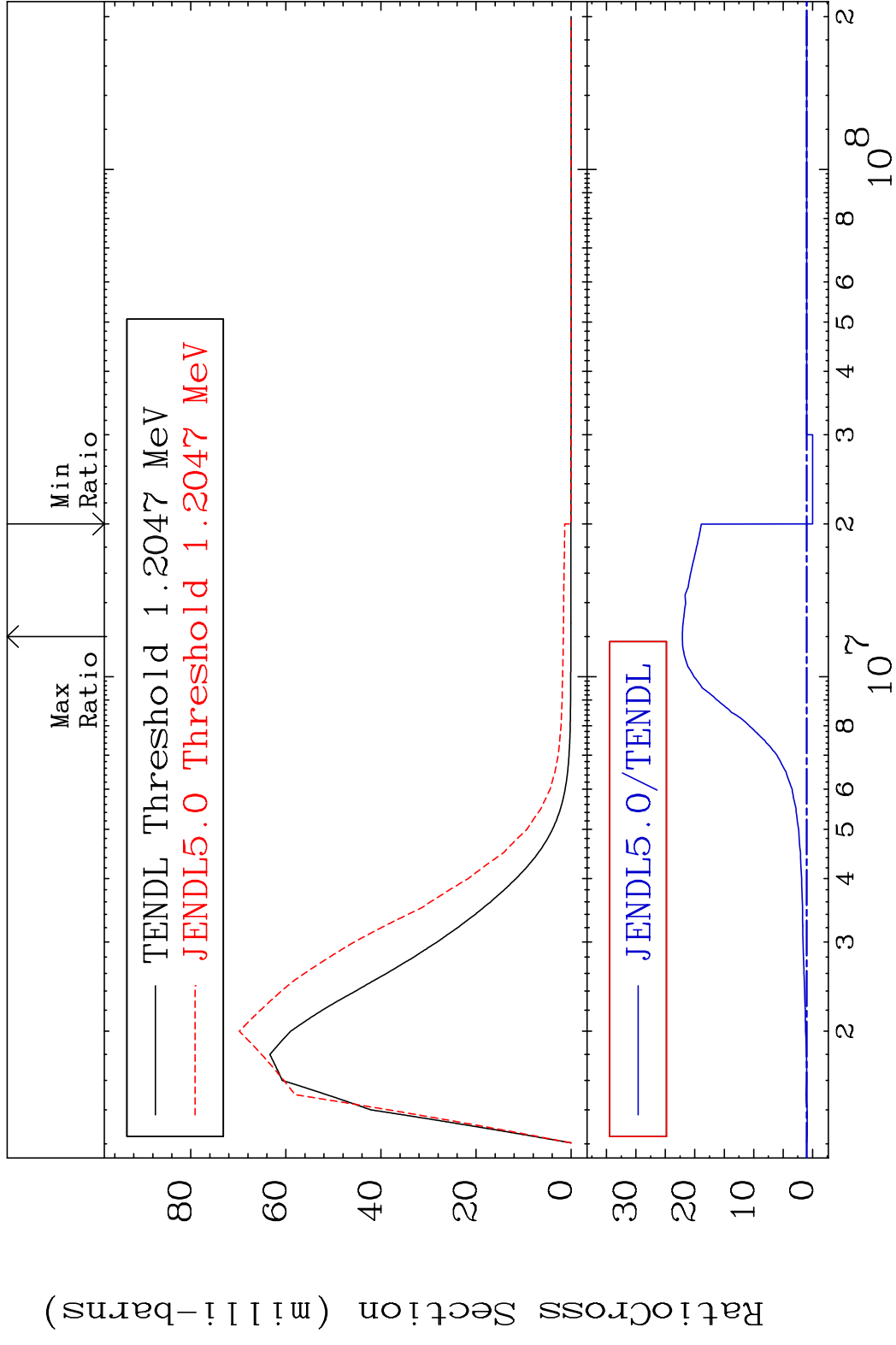


MAT 3531 MT= 66 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 2391. %

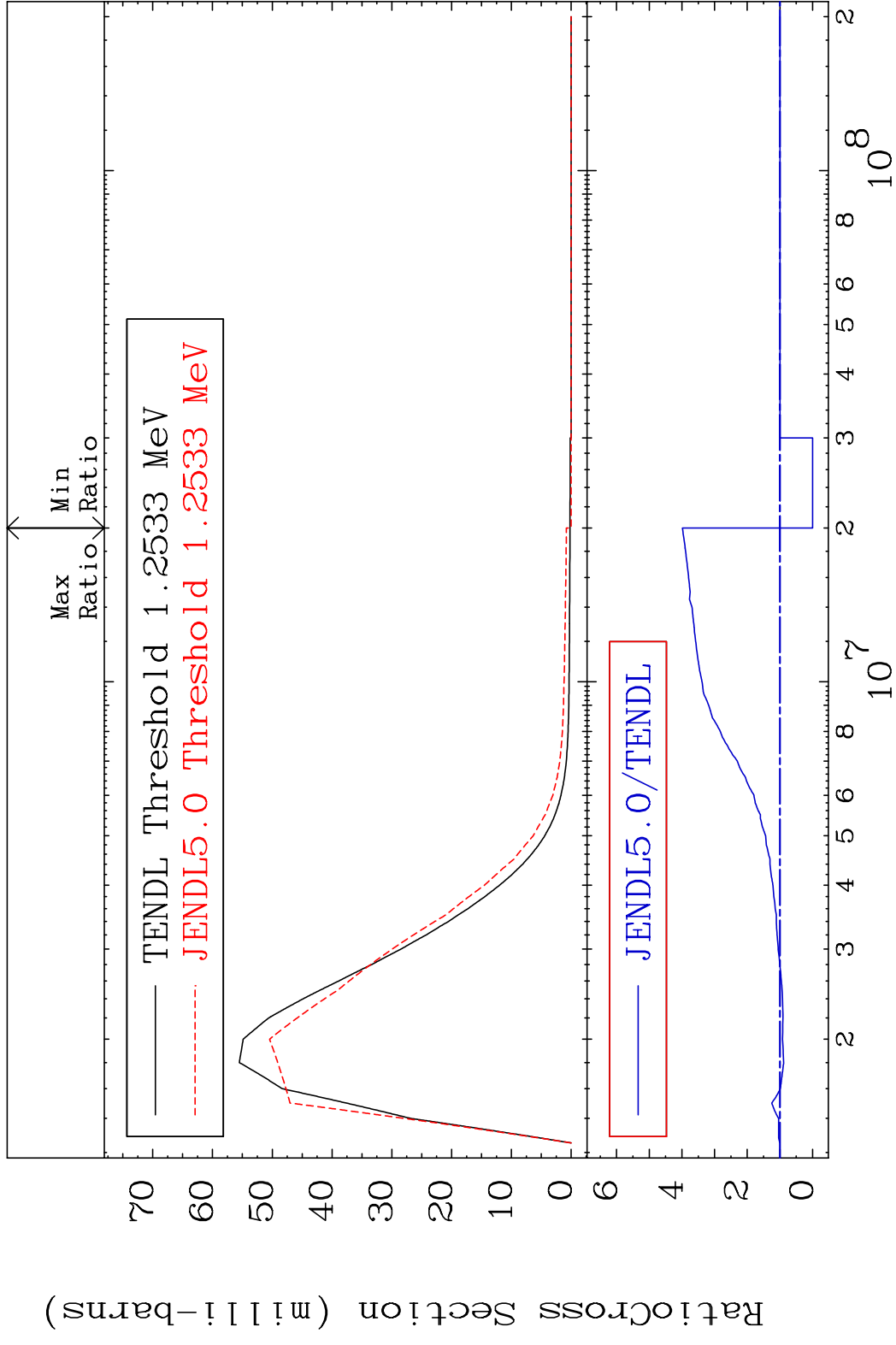


25 Incident Energy (eV) 35-Br-81

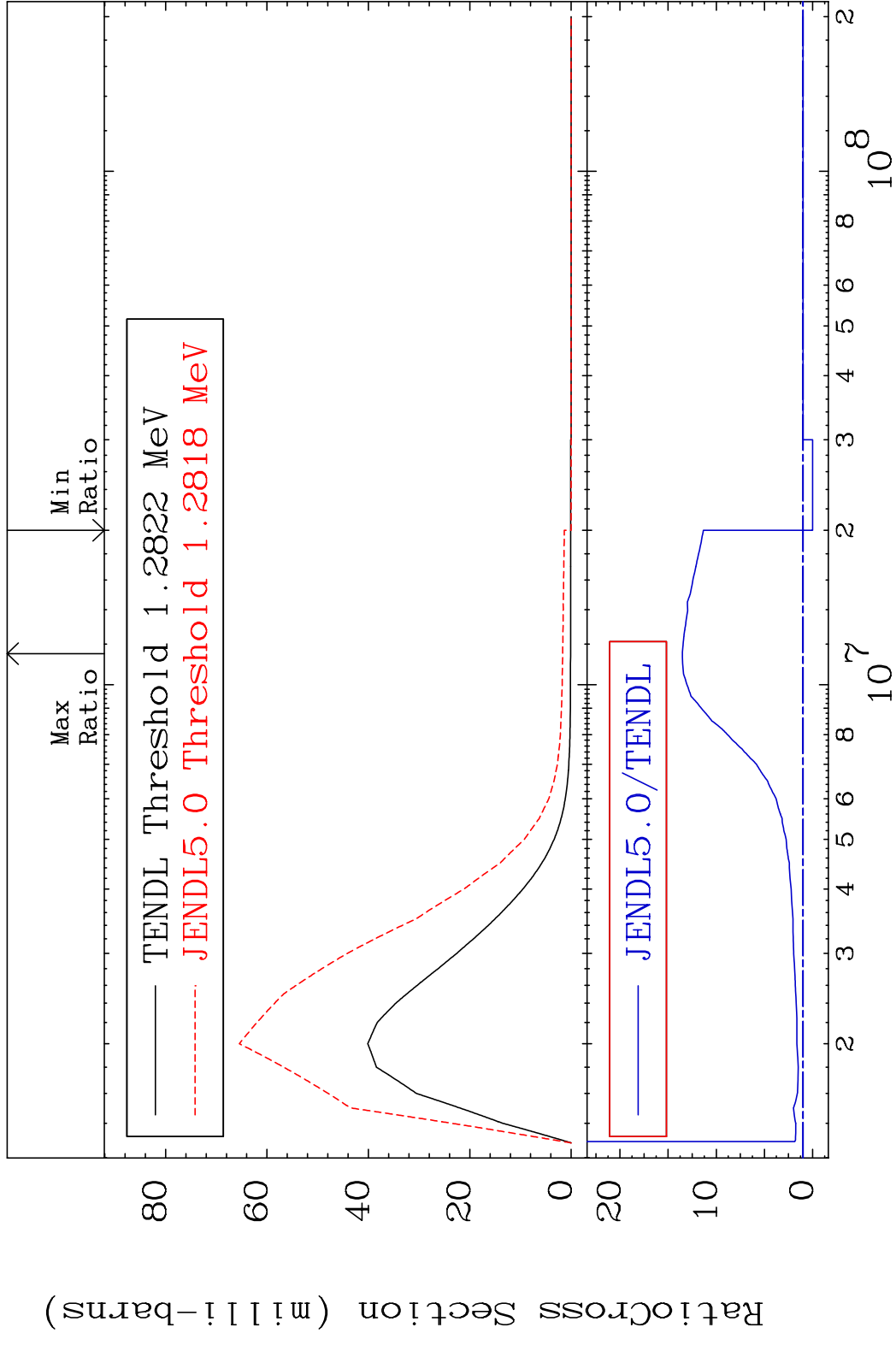
MAT 3531 MT= 67 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 2112. %



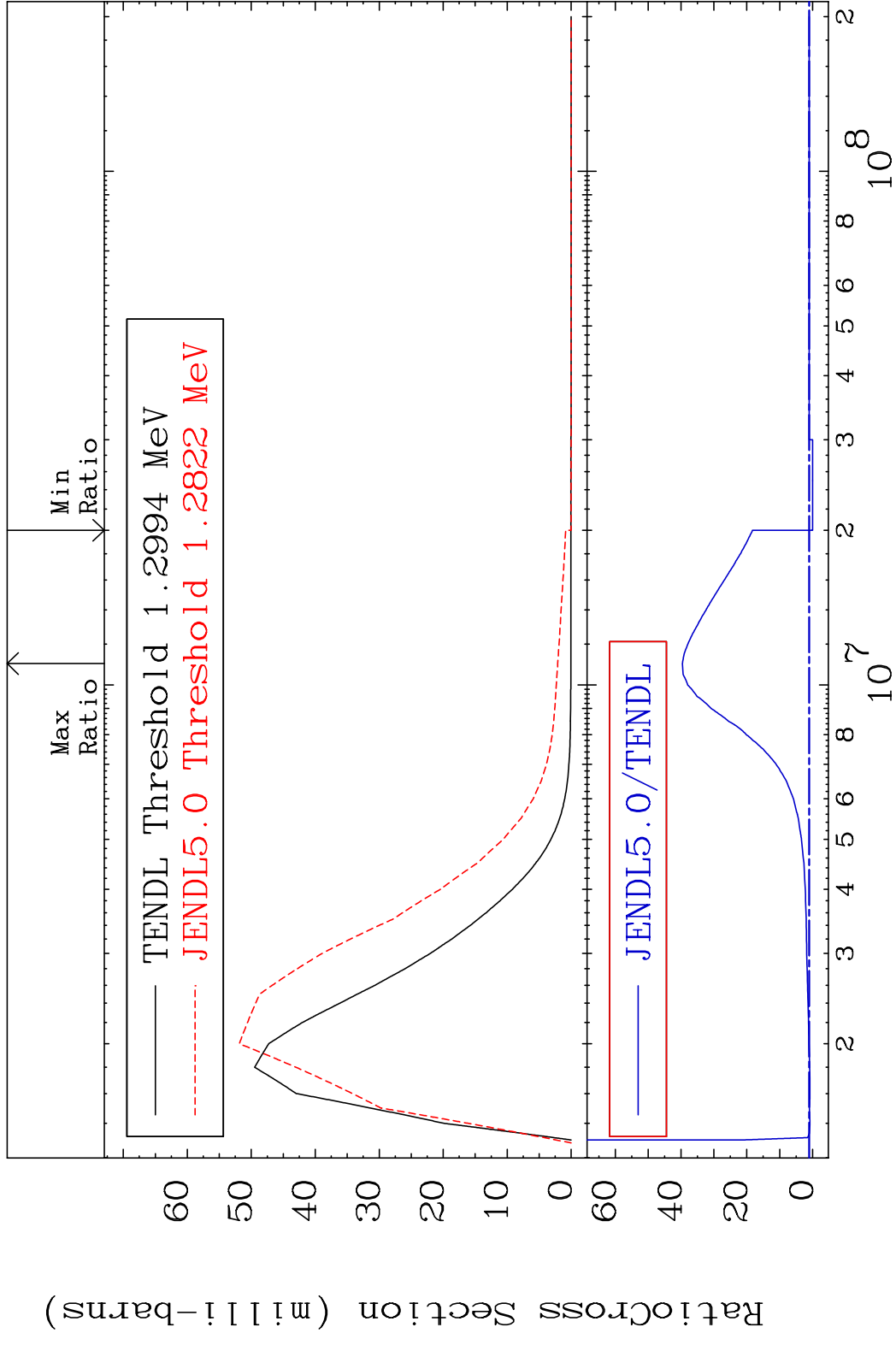
MAT 3531 MT= 68 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 298.6 %



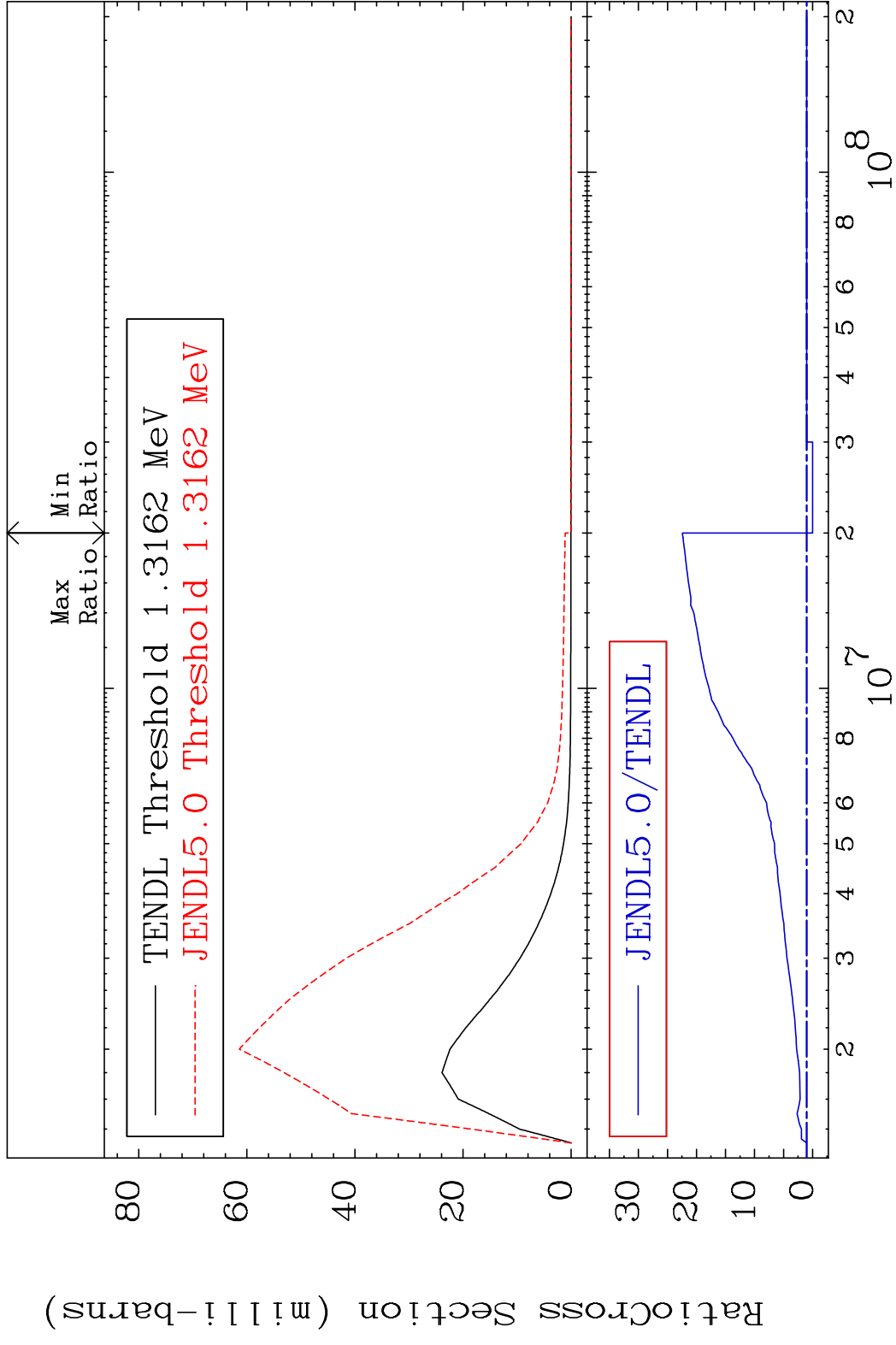
MAT 3531 MT= 69 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 1252. %



MAT 3531 MT= 70 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 3859. %

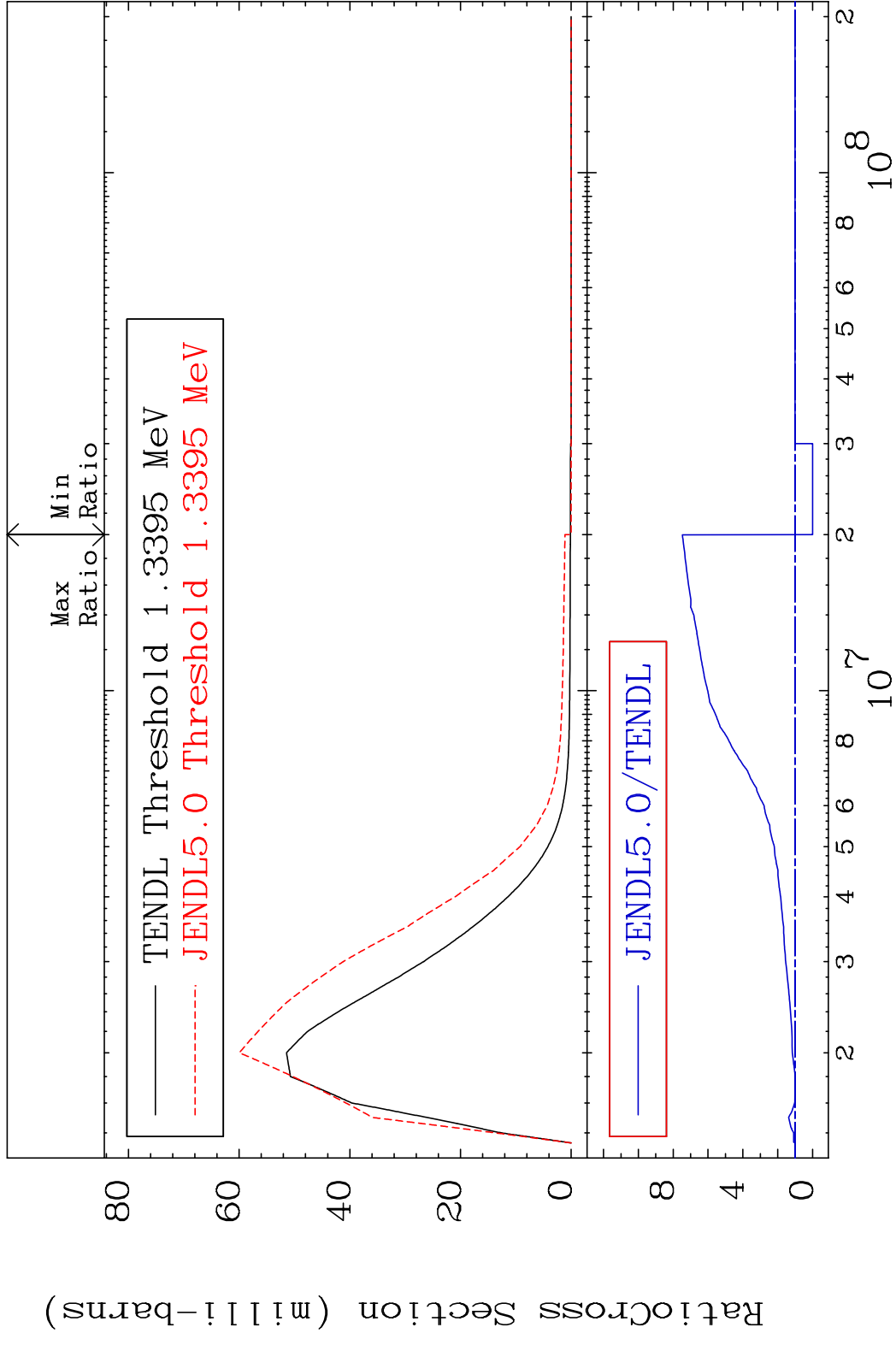


MAT 3531 MT= 71 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 2144. %

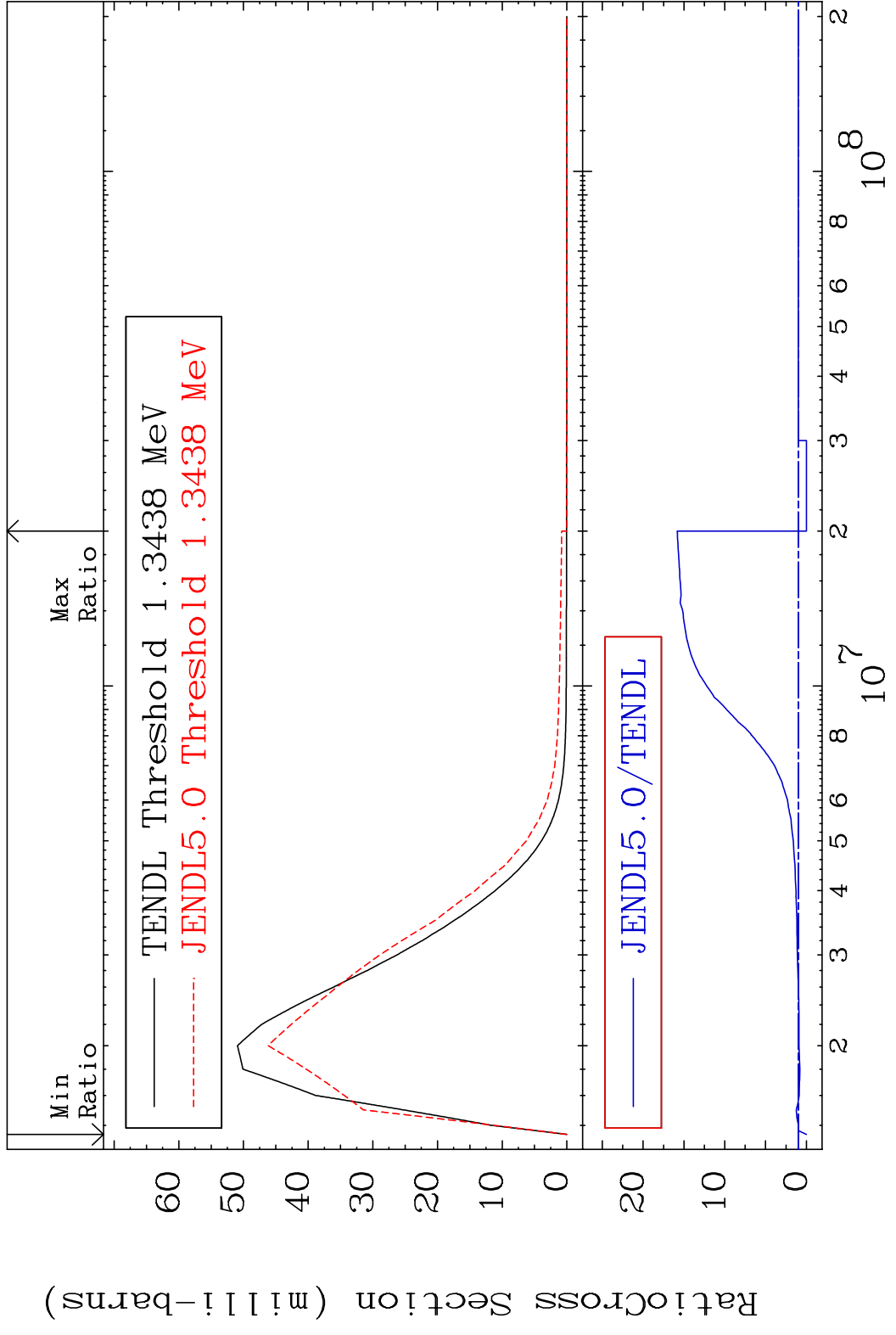


30 Incident Energy (eV) 35-Br-81

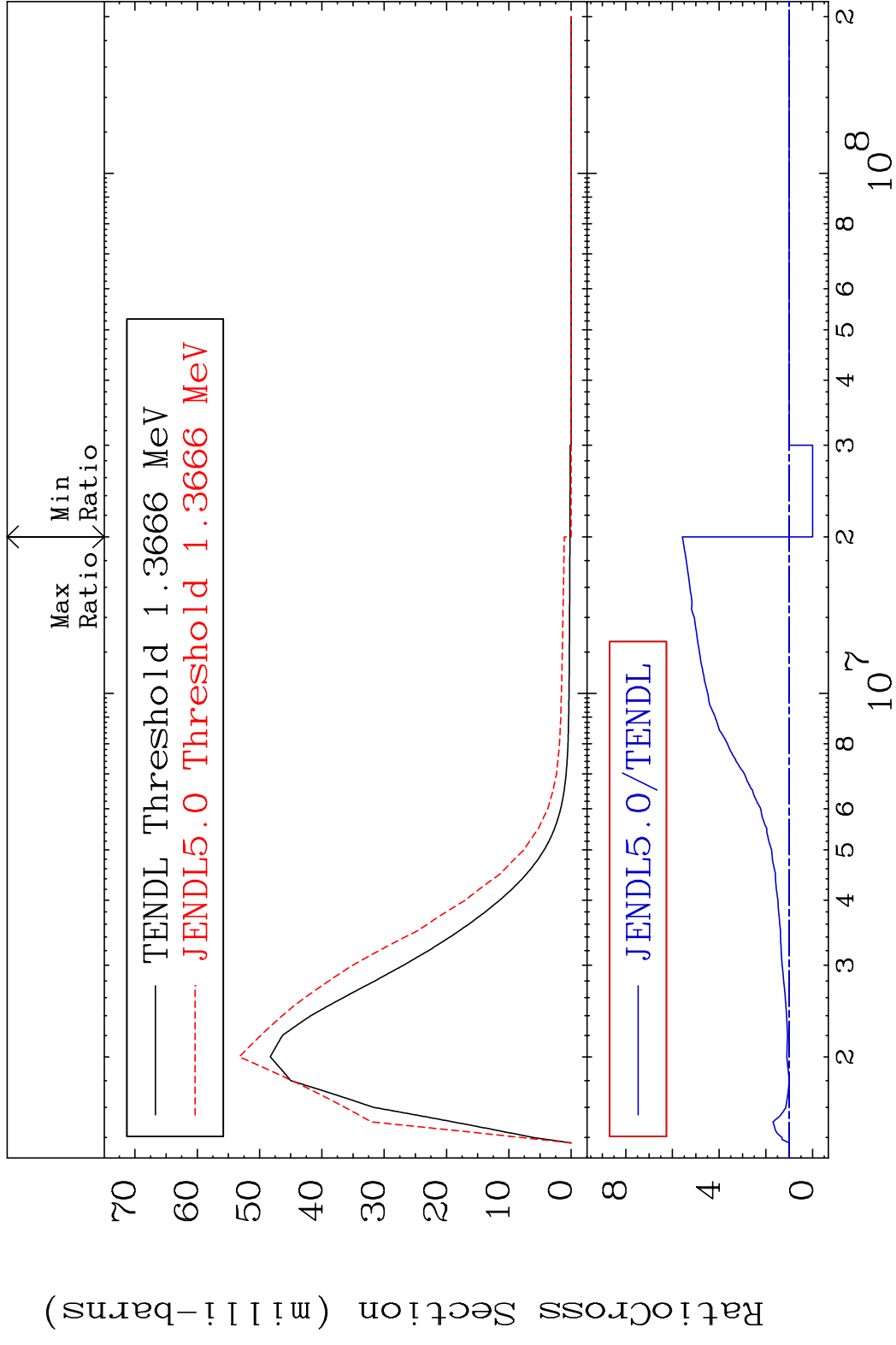
MAT 3531 MT= 72 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 647.4 %



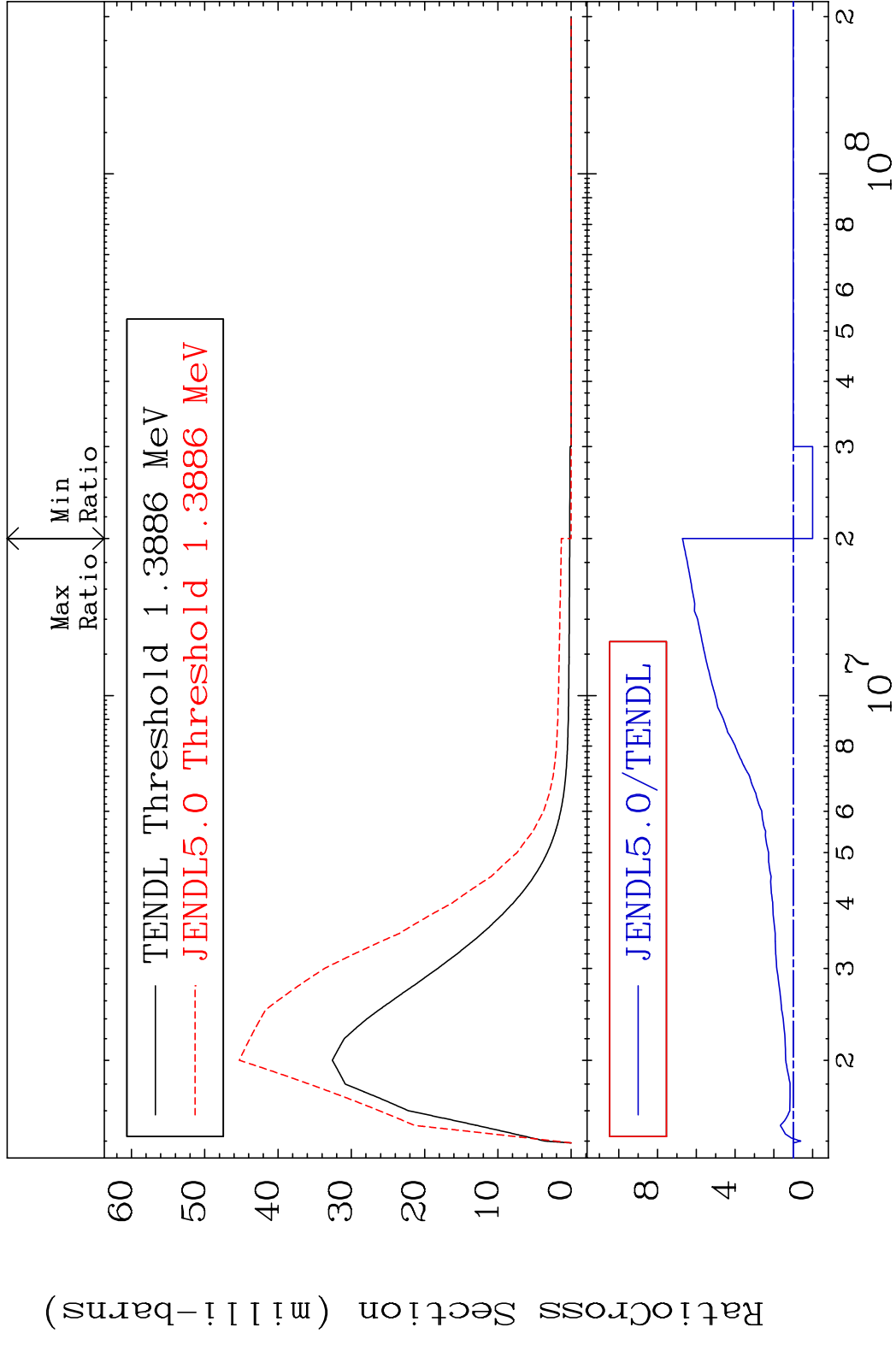
MAT 3531 MT= 73 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 1483. %



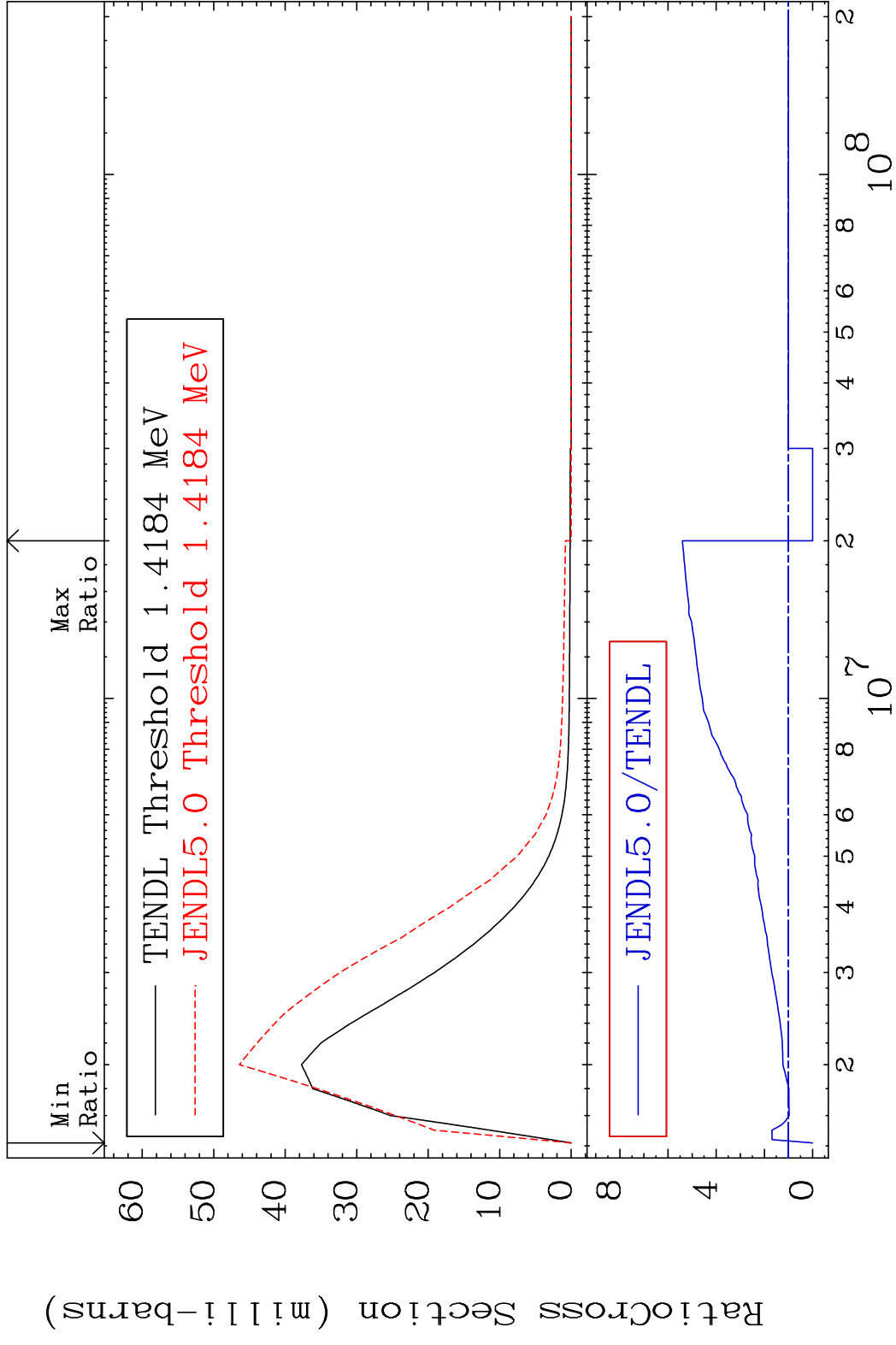
MAT 3531 MT= 74 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 457.6 %



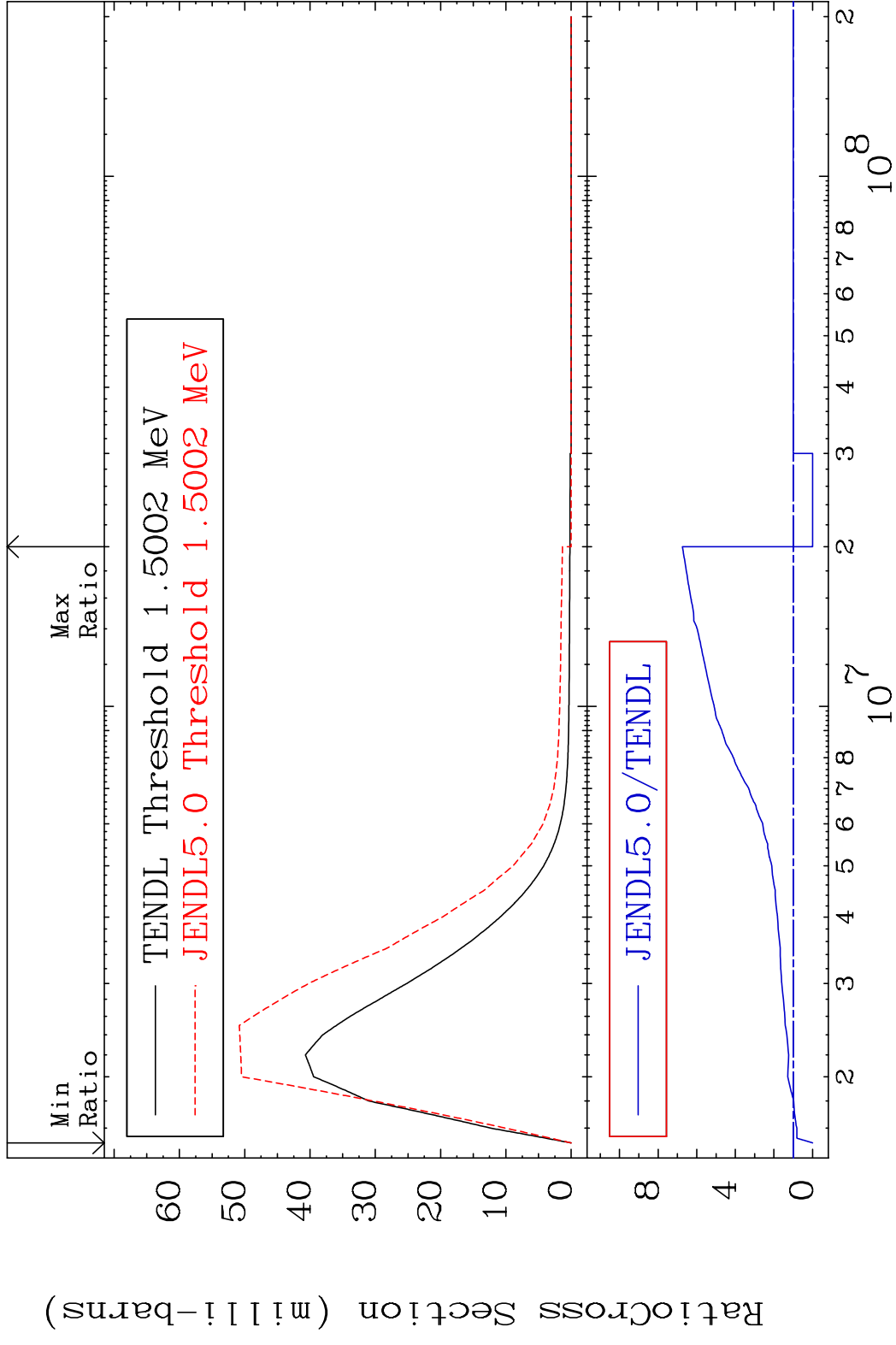
MAT 3531 MT= 75 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 571.8 %



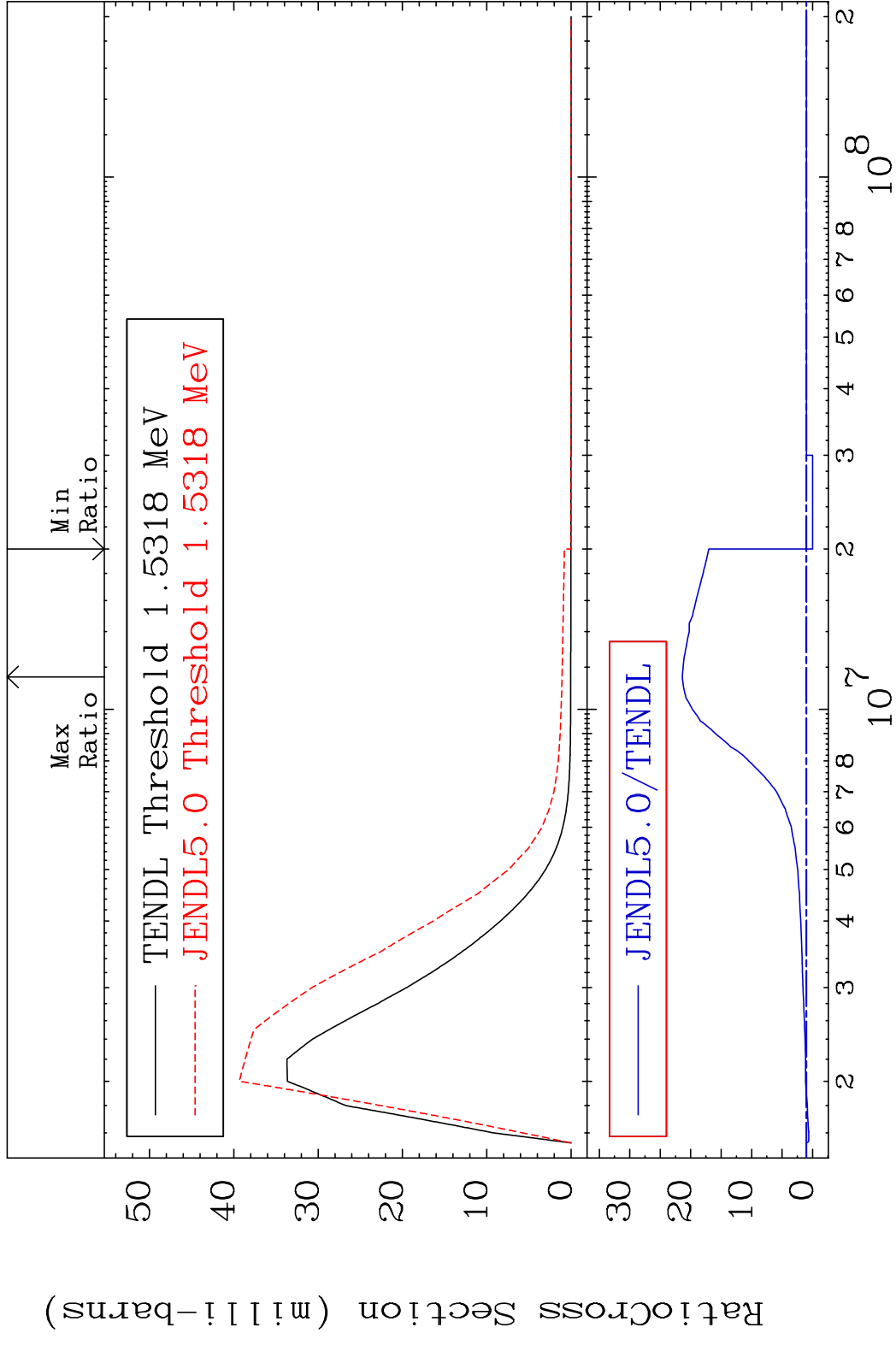
MAT 3531 MT= 76 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 440.5 %



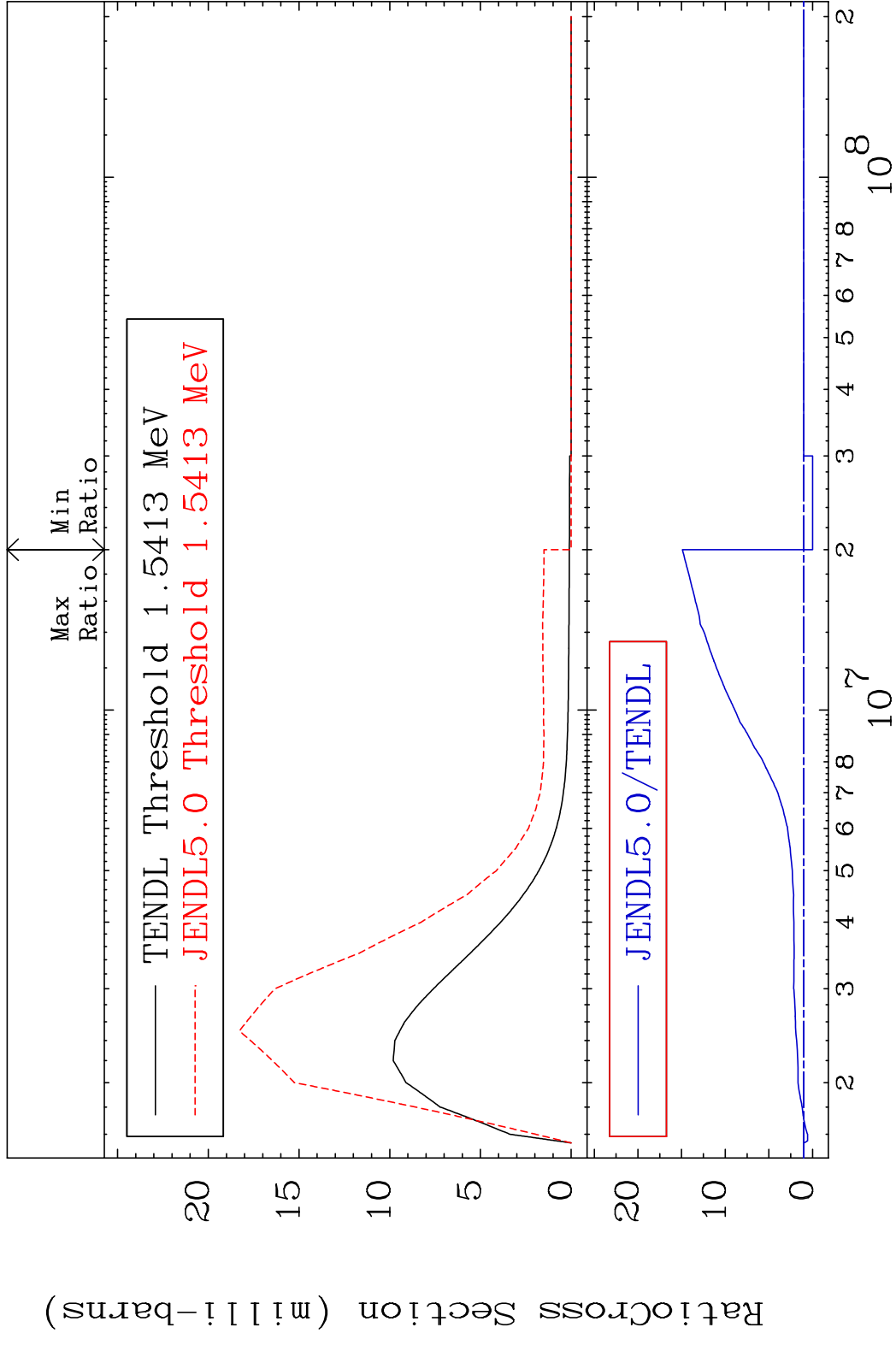
MAT 3531 MT= 77 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 574.5 %



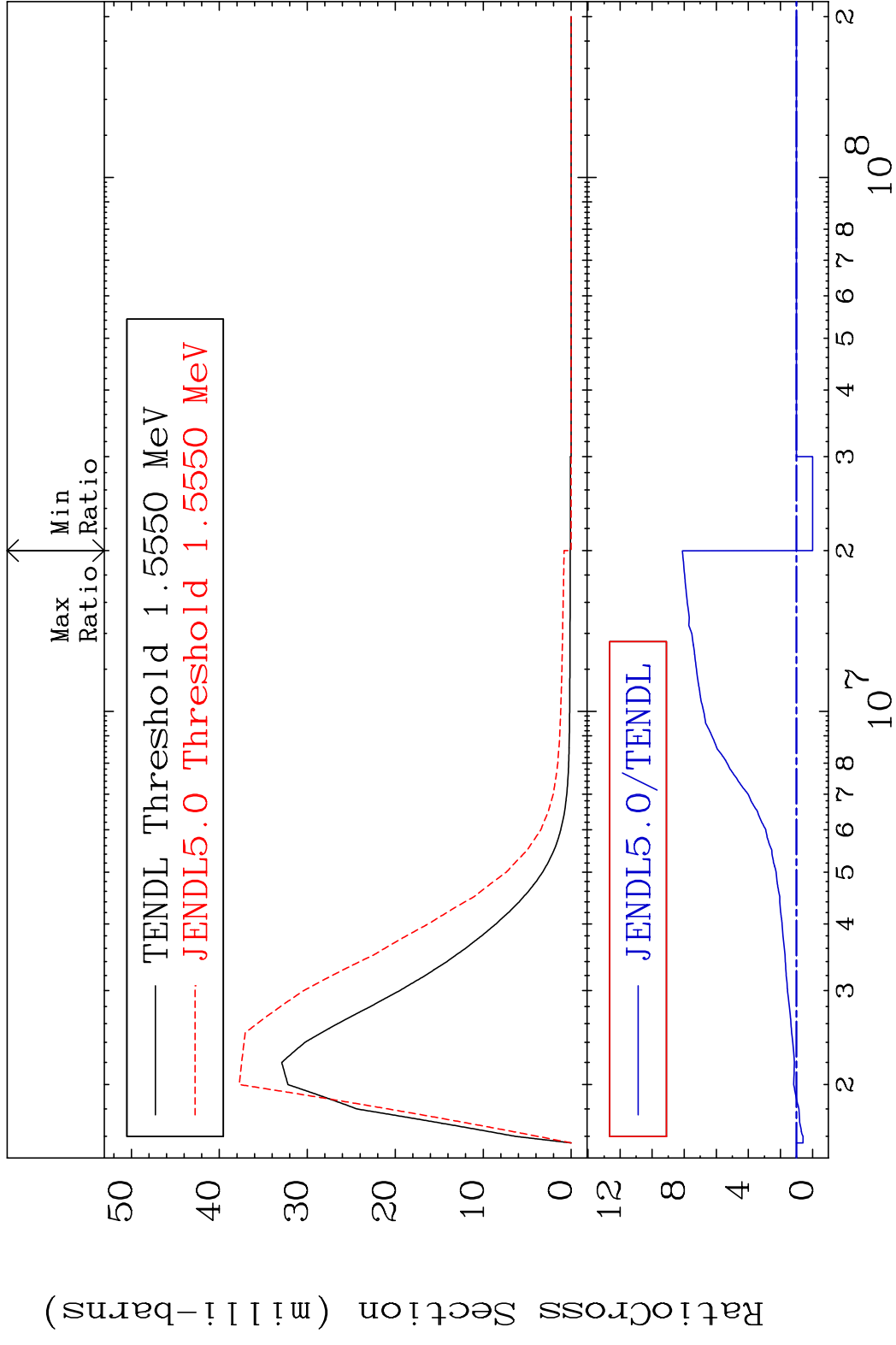
MAT 3531 MT= 78 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 2037. %



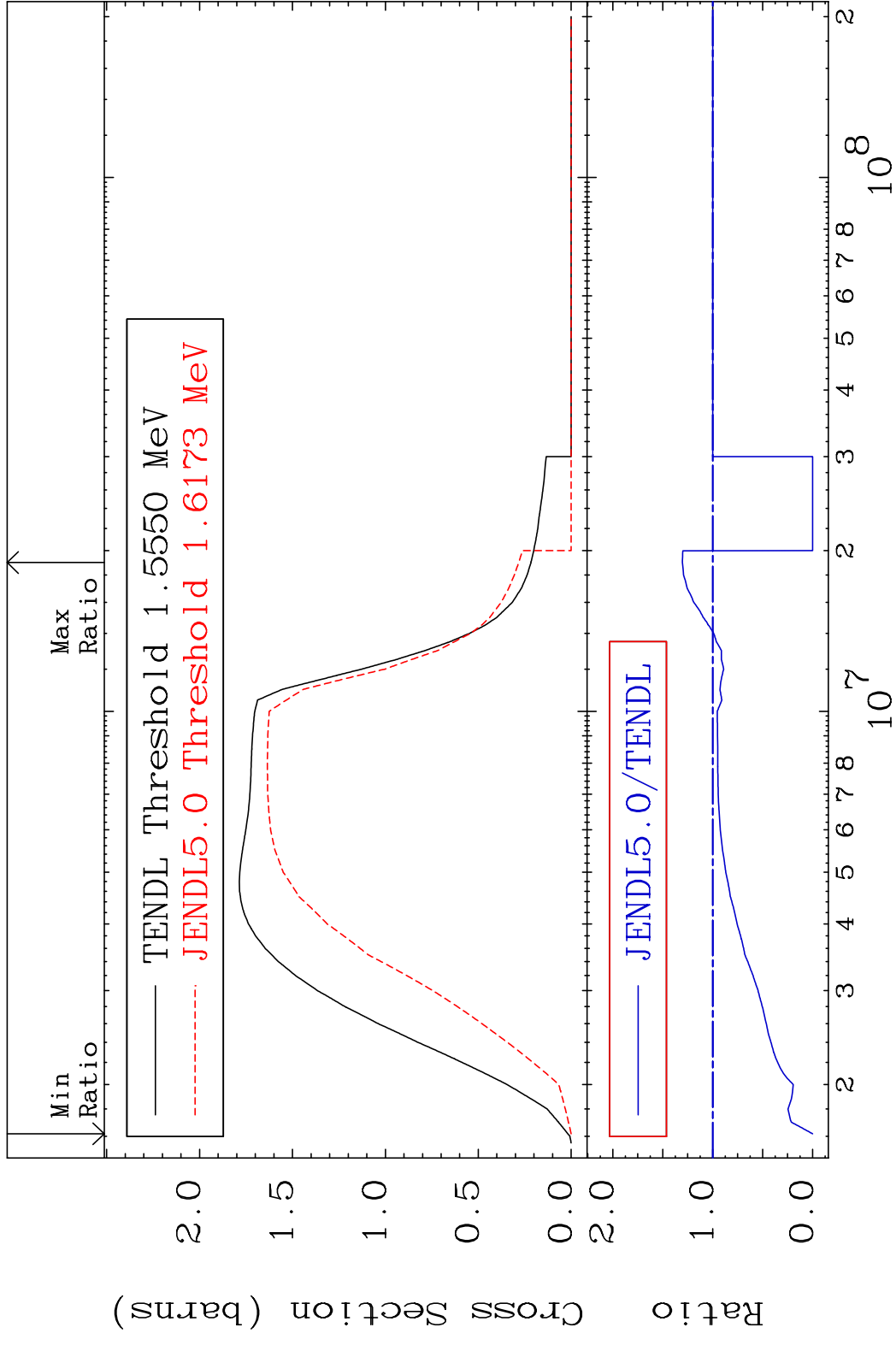
MAT 3531 MT= 79 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 1391. %



MAT 3531 MT= 80 (n, n') Level 35-Br-81  
 Cross Section -100.0 To 711.8 %



MAT 3531 (n, n') Continuum 35-Br-81  
 Cross Section -100.0 To 30.37 %



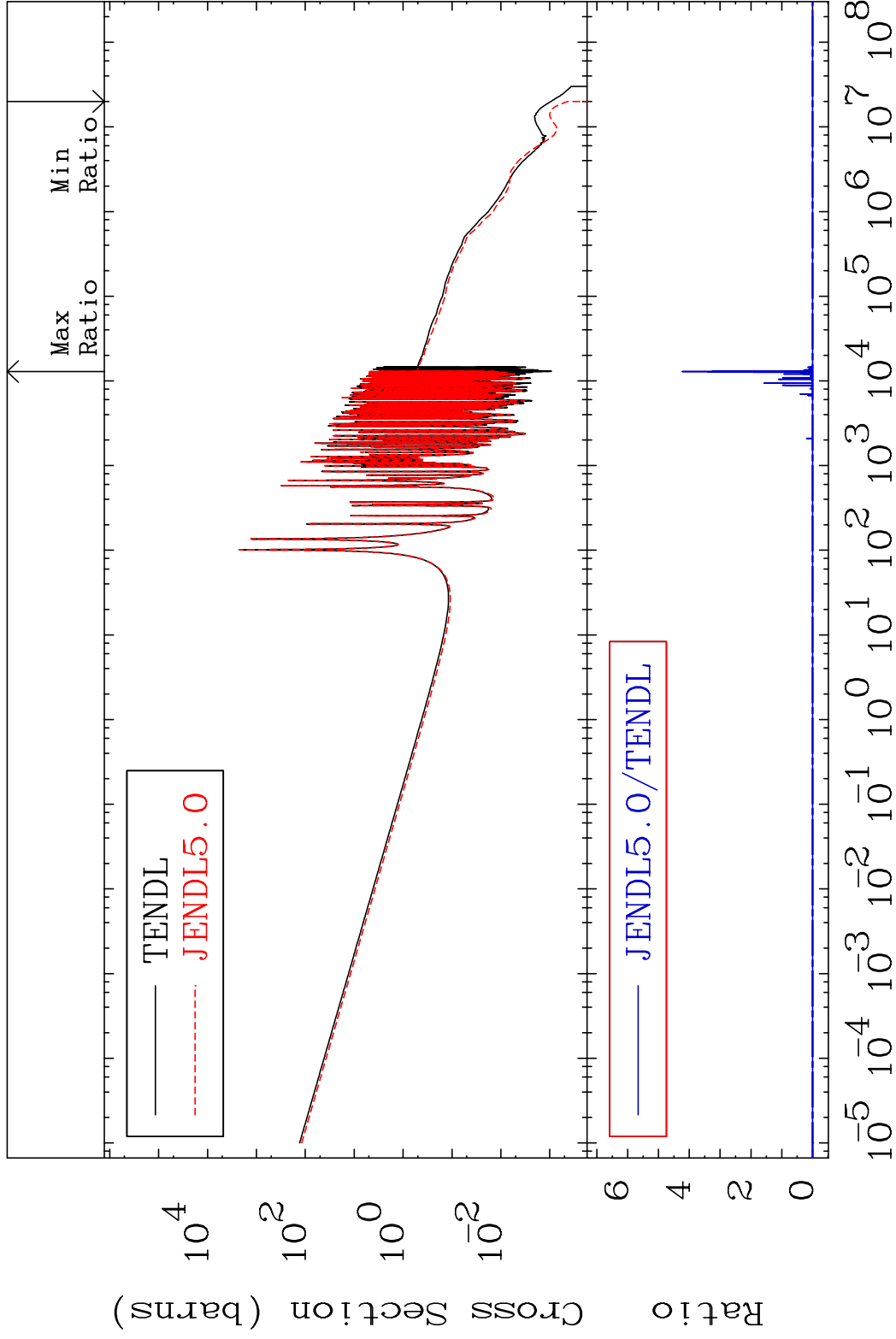
40 Incident Energy (eV) 35-Br-81

MAT 3531

(n,  $\gamma$ )

35-Br-81

Cross Section -100.0 To 9999. %

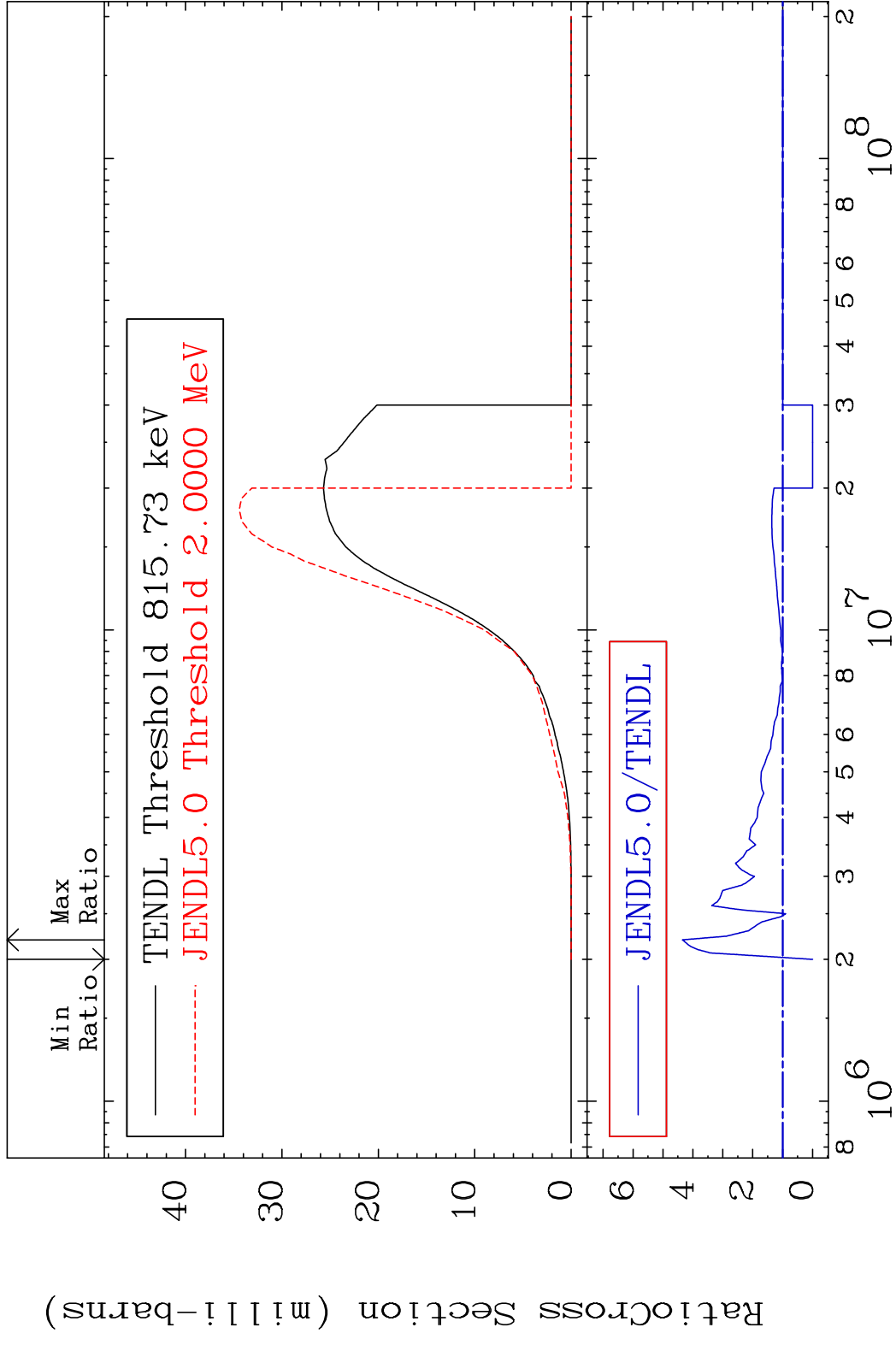


41

Incident Energy (eV)

35-Br-81

MAT 3531 (n,p) 35-Br-81  
 Cross Section -100.0 To 335.2 %



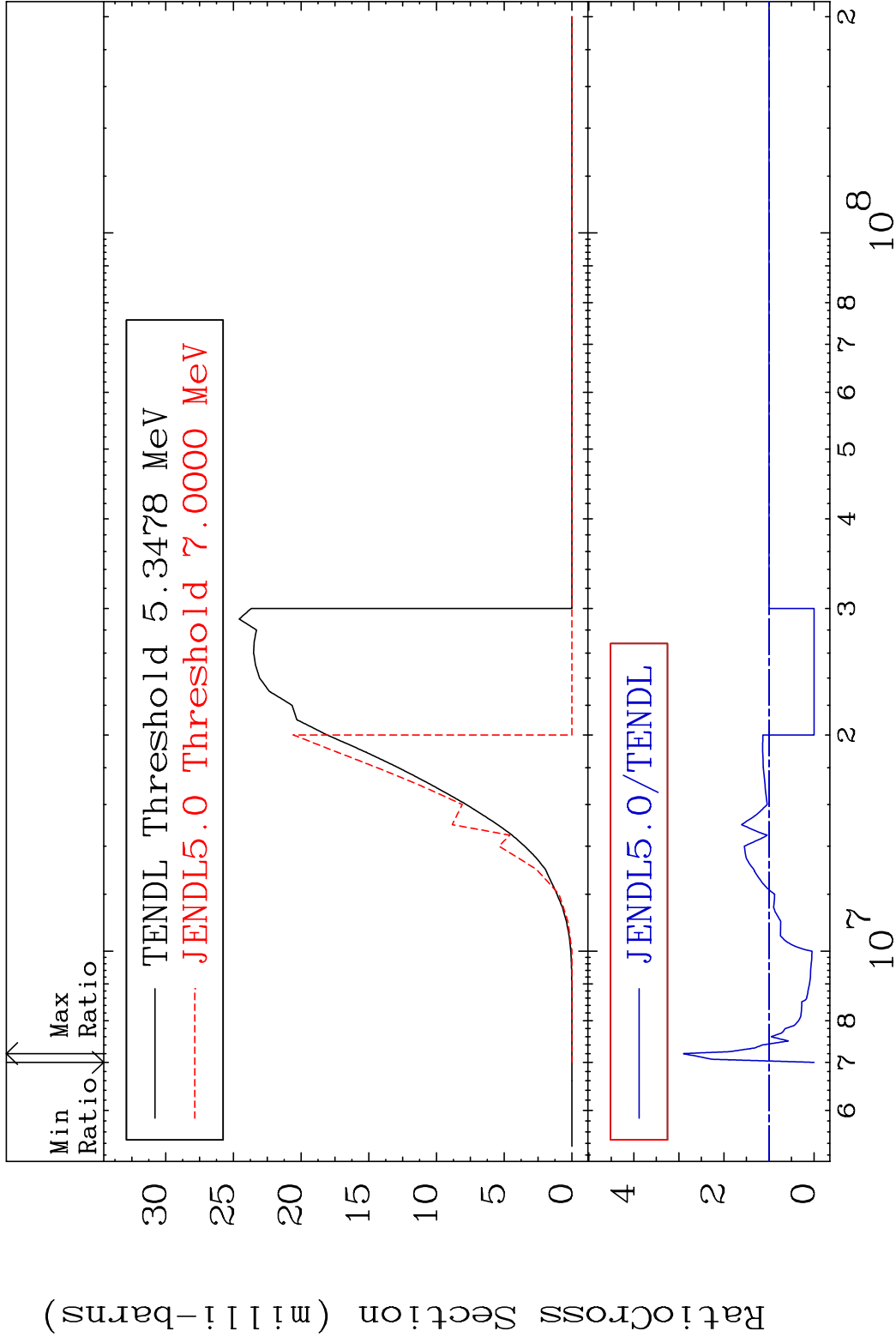
42 Incident Energy (eV) 35-Br-81

MAT 3531

(n, d)

35-Br-81

Cross Section -100.0 To 189.8 %



43

Incident Energy (eV)

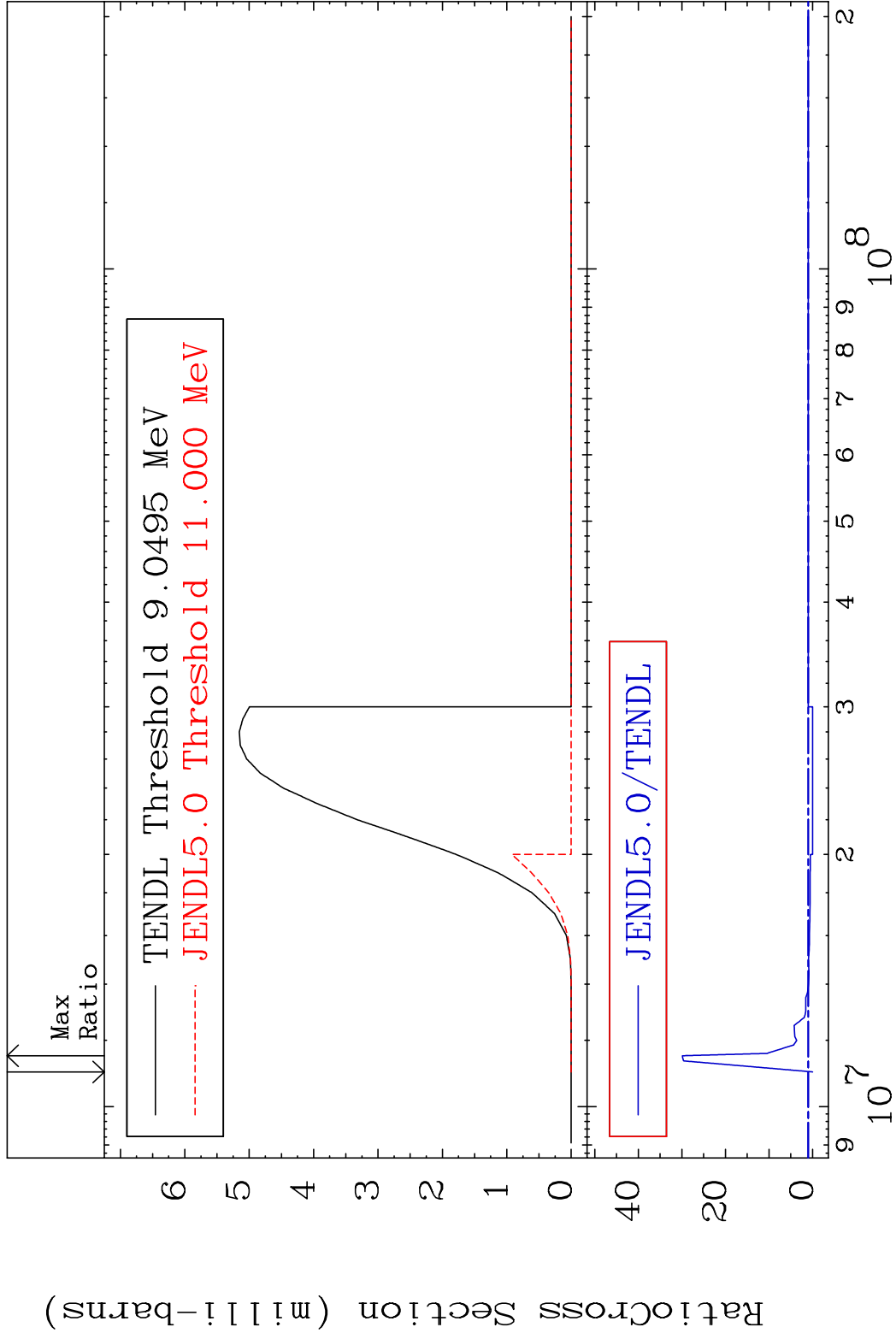
35-Br-81

MAT 3531

(n, t)

35-Br-81

Cross Section -100.0 To 2889. %



44

Incident Energy (eV)

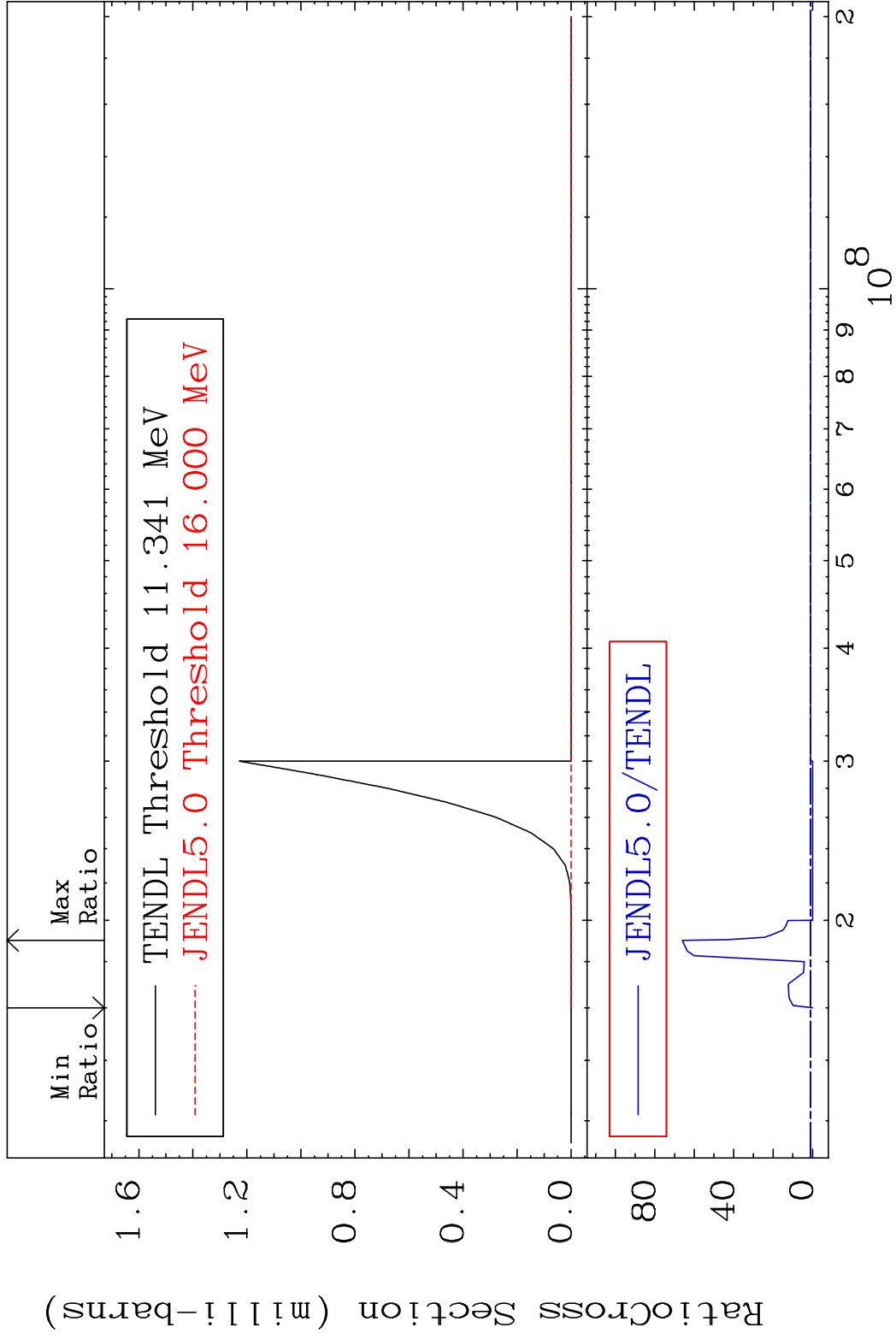
35-Br-81

MAT 3531

(n, He-3)

35-Br-81

Cross Section -100.0 To 6504. %



45

Incident Energy (eV)

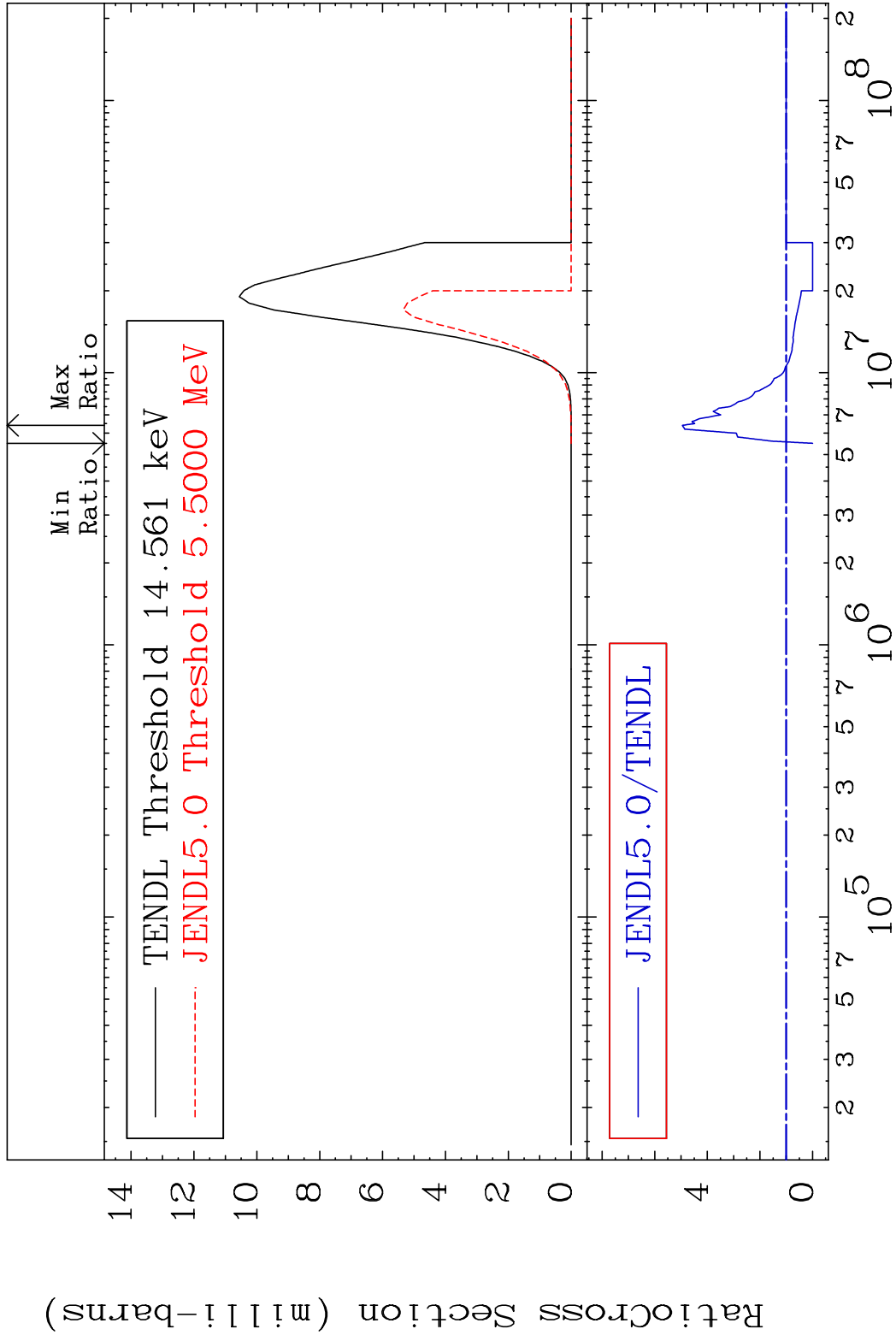
35-Br-81

MAT 3531

(n,  $\alpha$ )

35-Br-81

Cross Section -100.0 To 395.0 %



46

Incident Energy (eV)

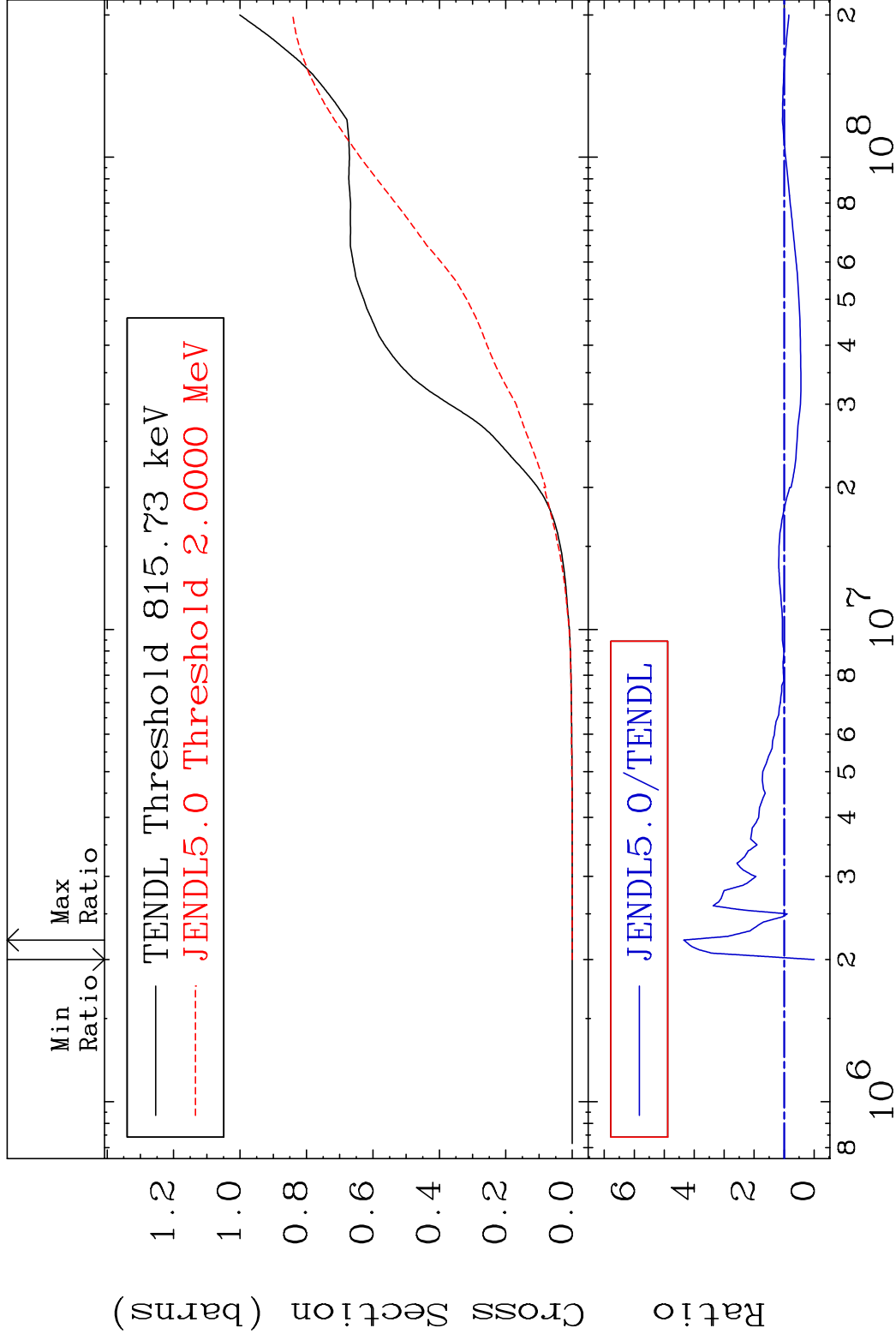
35-Br-81

MAT 3531

Hydrogen Production

35-Br-81

Cross Section -100.0 To 335.2 %

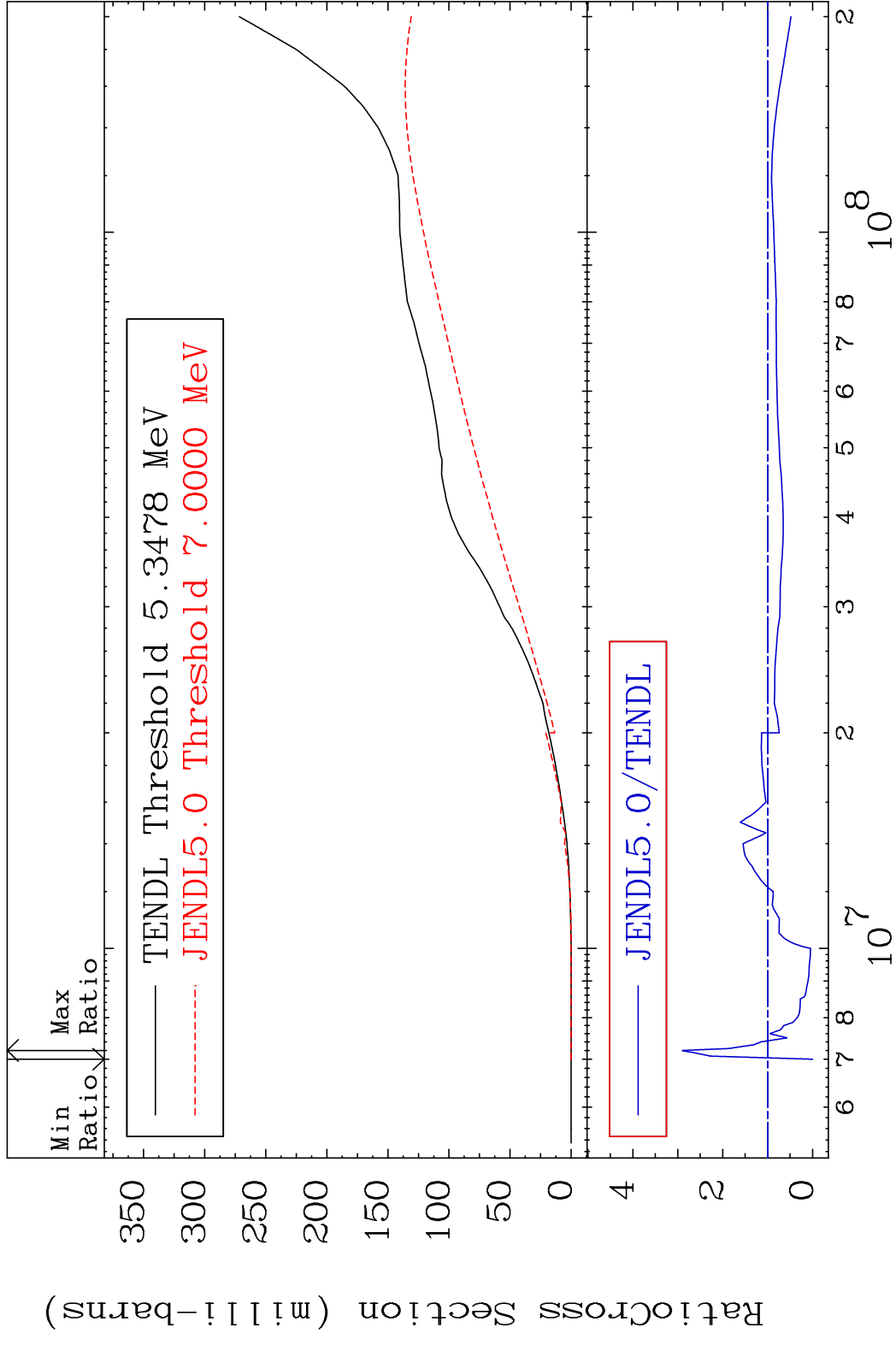


47

Incident Energy (eV)

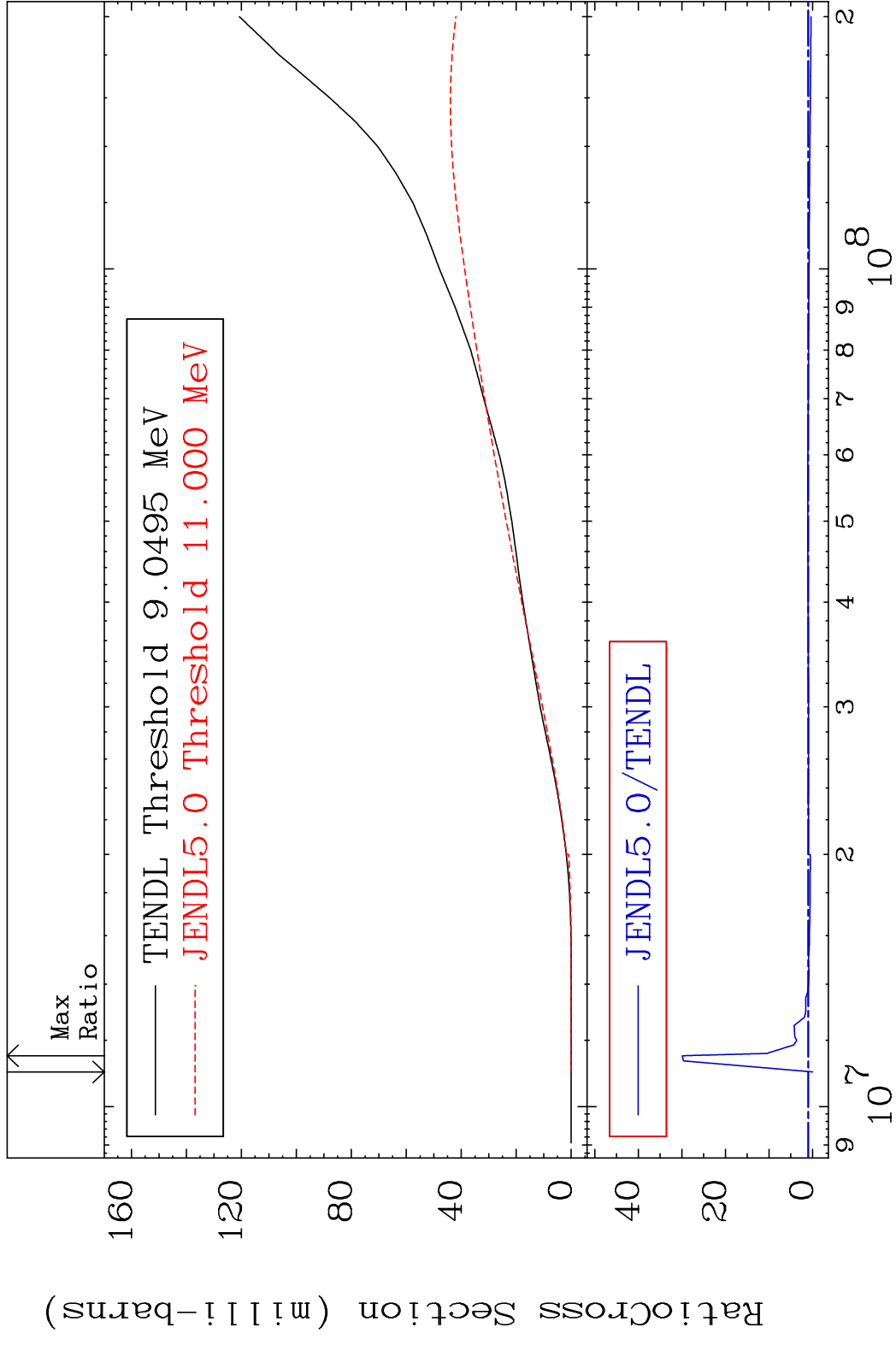
35-Br-81

MAT 3531 Deuterium Production 35-Br-81  
 Cross Section -100.0 To 189.8 %



48 Incident Energy (eV) 35-Br-81

MAT 3531 Tritium Production 35-Br-81  
 Cross Section -100.0 To 2889. %



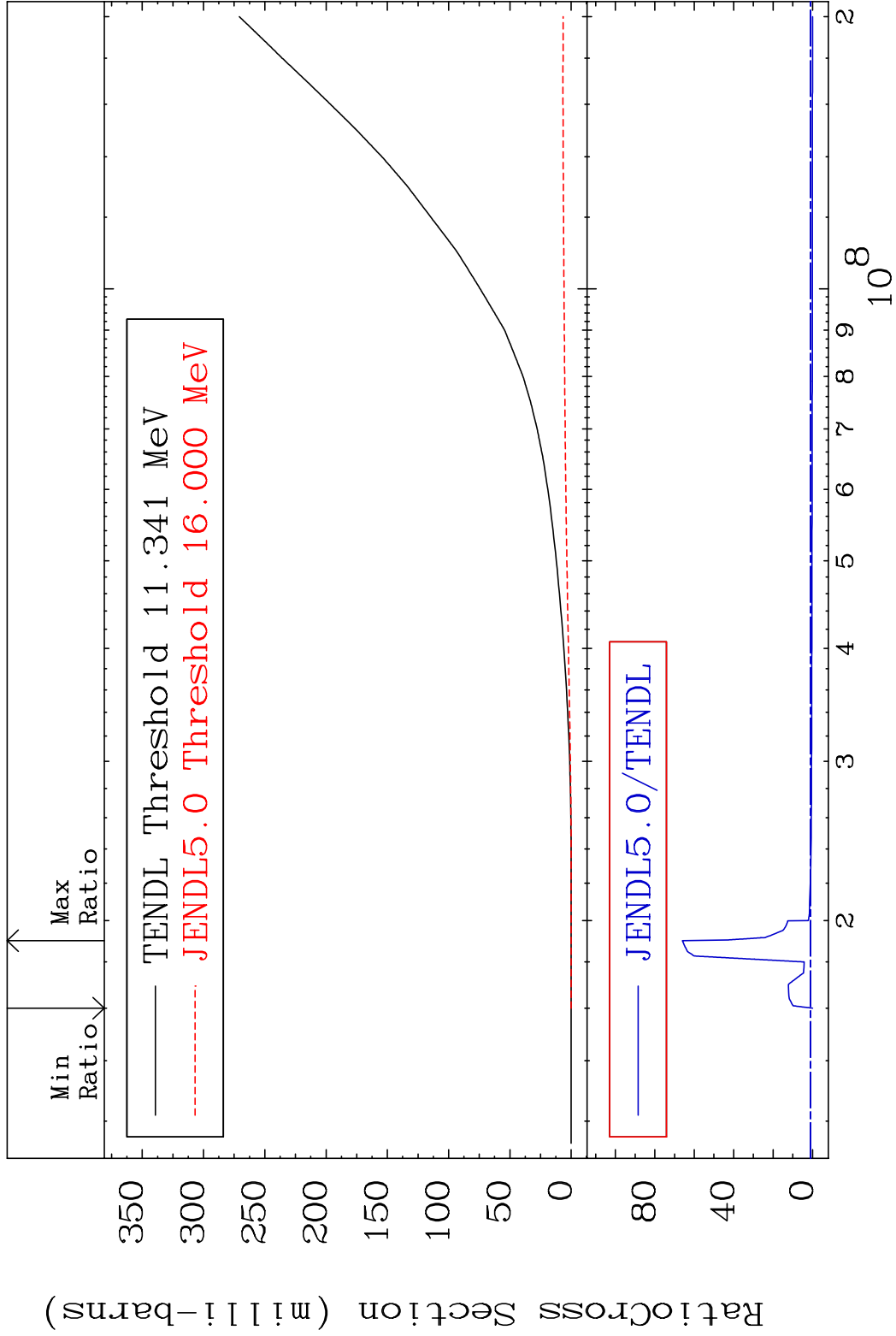
49 35-Br-81

MAT 3531

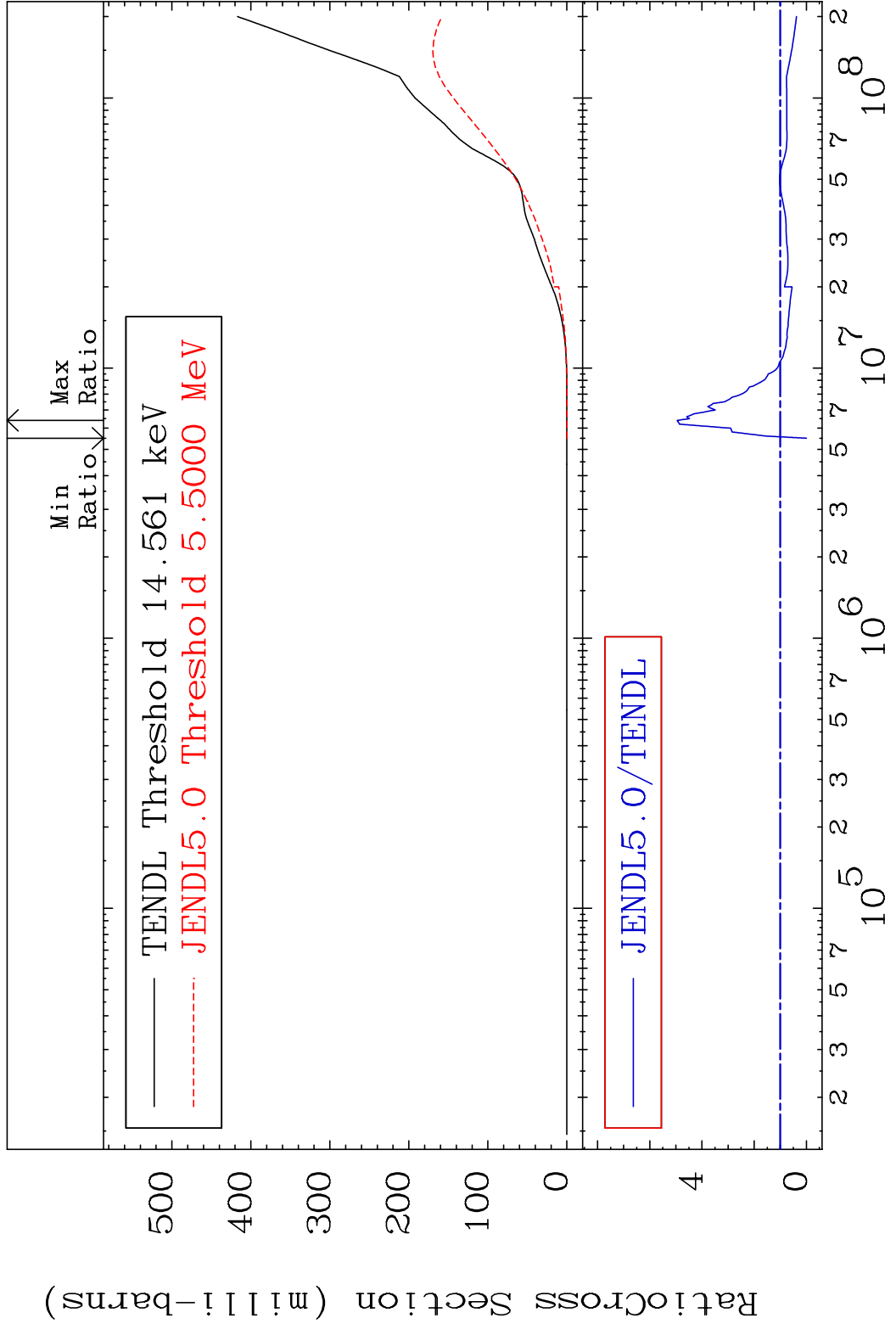
He-3 Production

35-Br-81

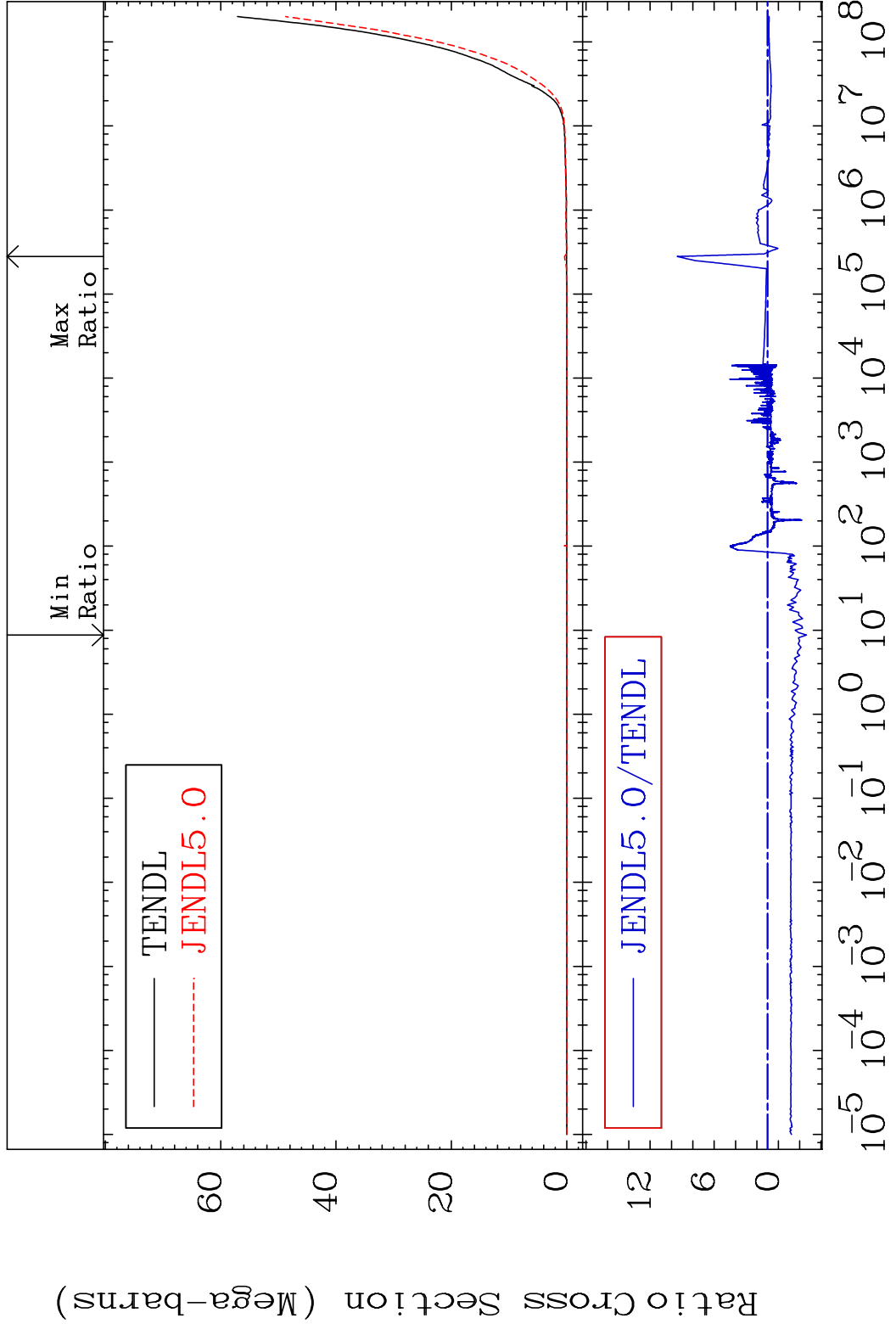
Cross Section -100.0 To 6504. %



MAT 3531 He-4 Production 35-Br-81  
 Cross Section -100.0 To 395.0 %



MAT 3531 Kerma total (eV-barns) 35-Br-81  
 Cross Section -363.0 To 846.7 %



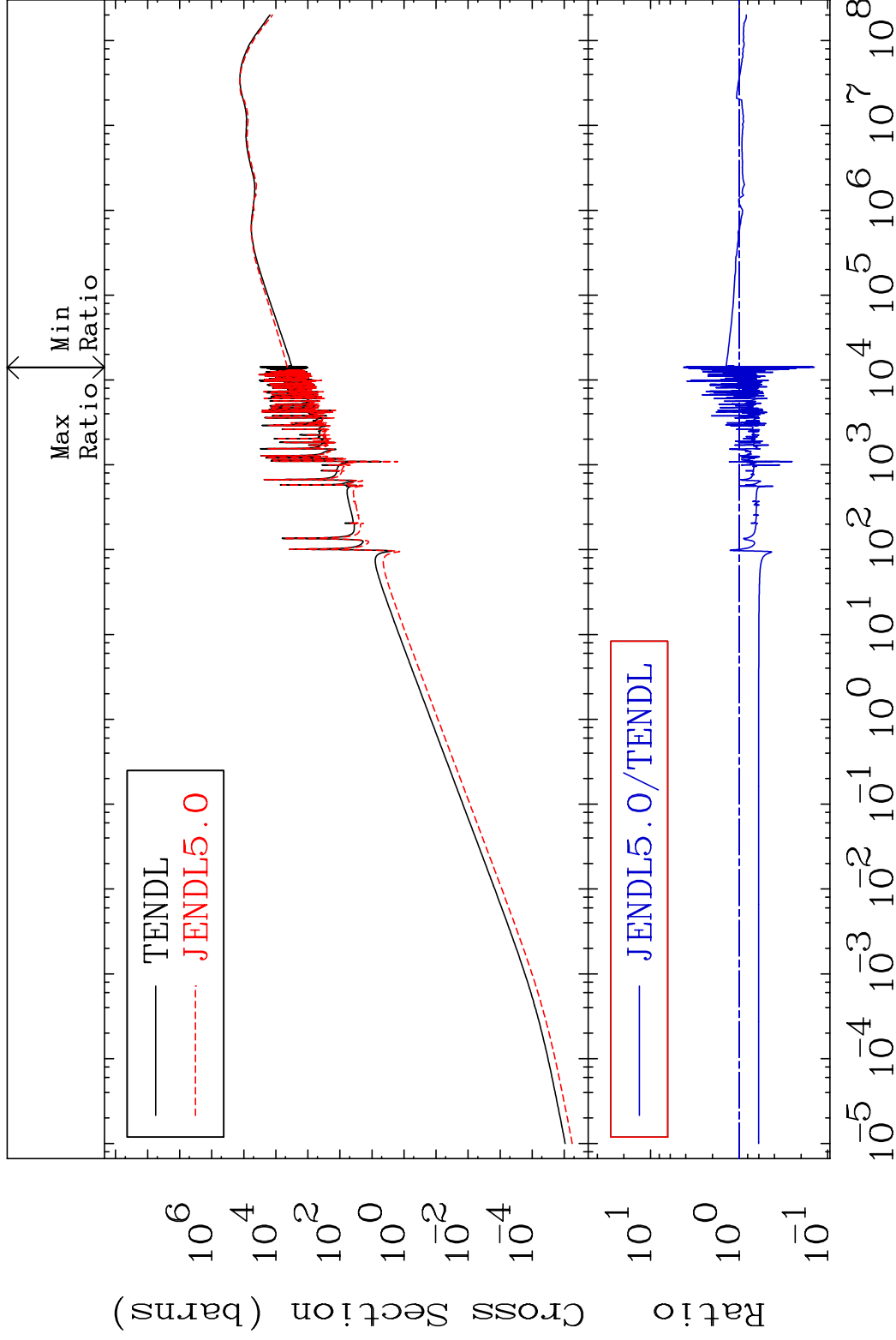
52 Incident Energy (eV) 35-Br-81

MAT 3531

Kerma elastic

35-Br-81

Cross Section -85.76 To 323.2 %

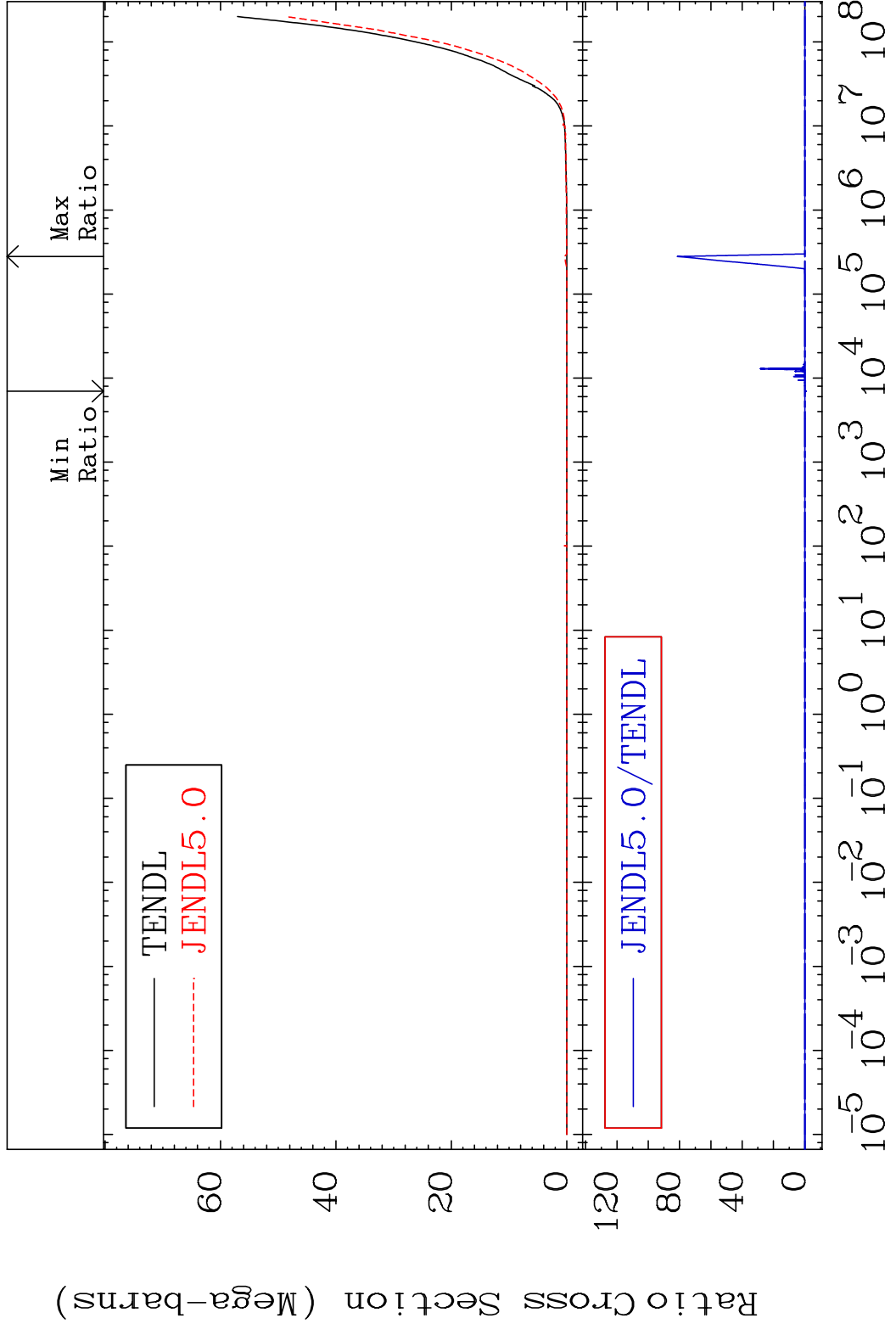


53

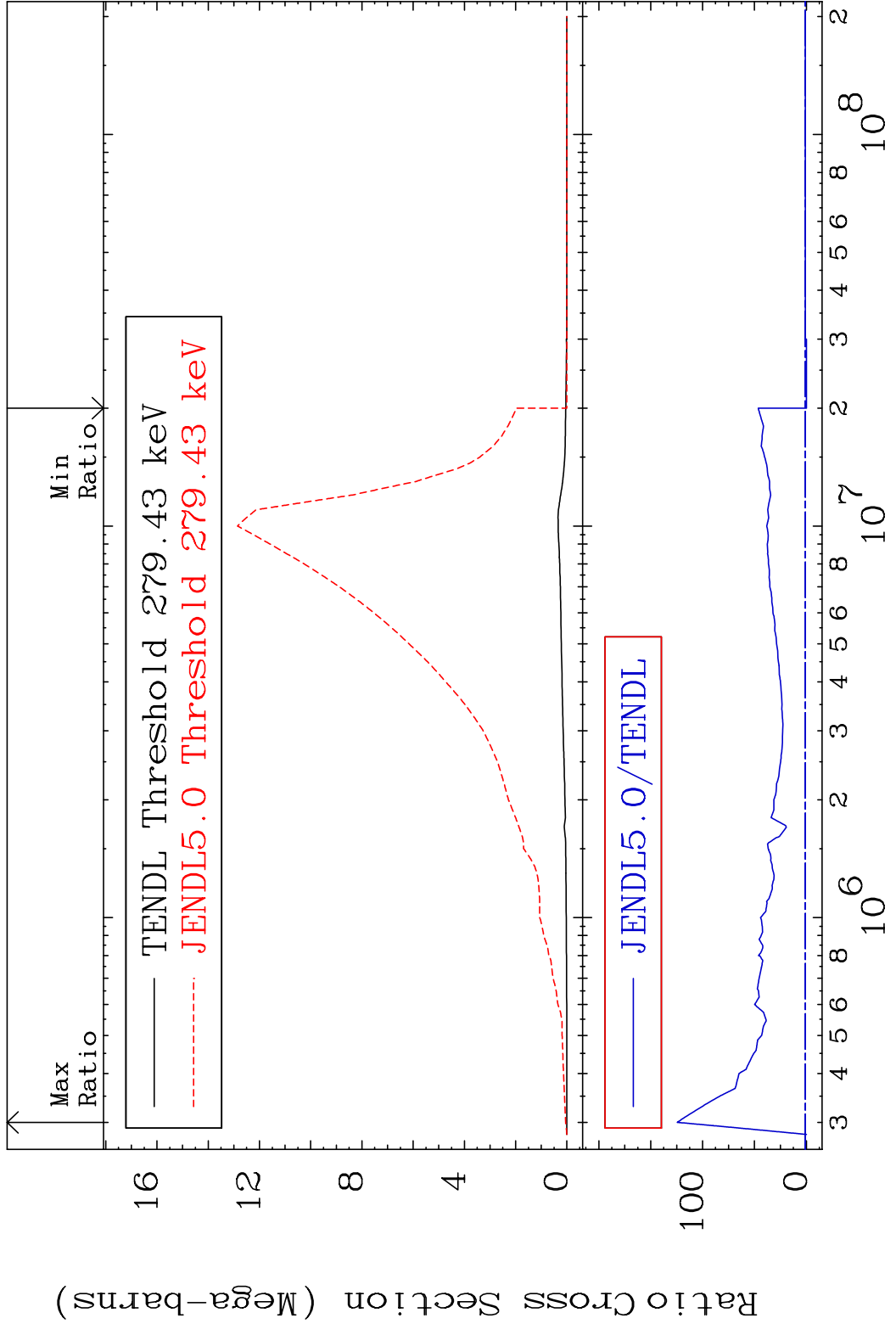
Incident Energy (eV)

35-Br-81

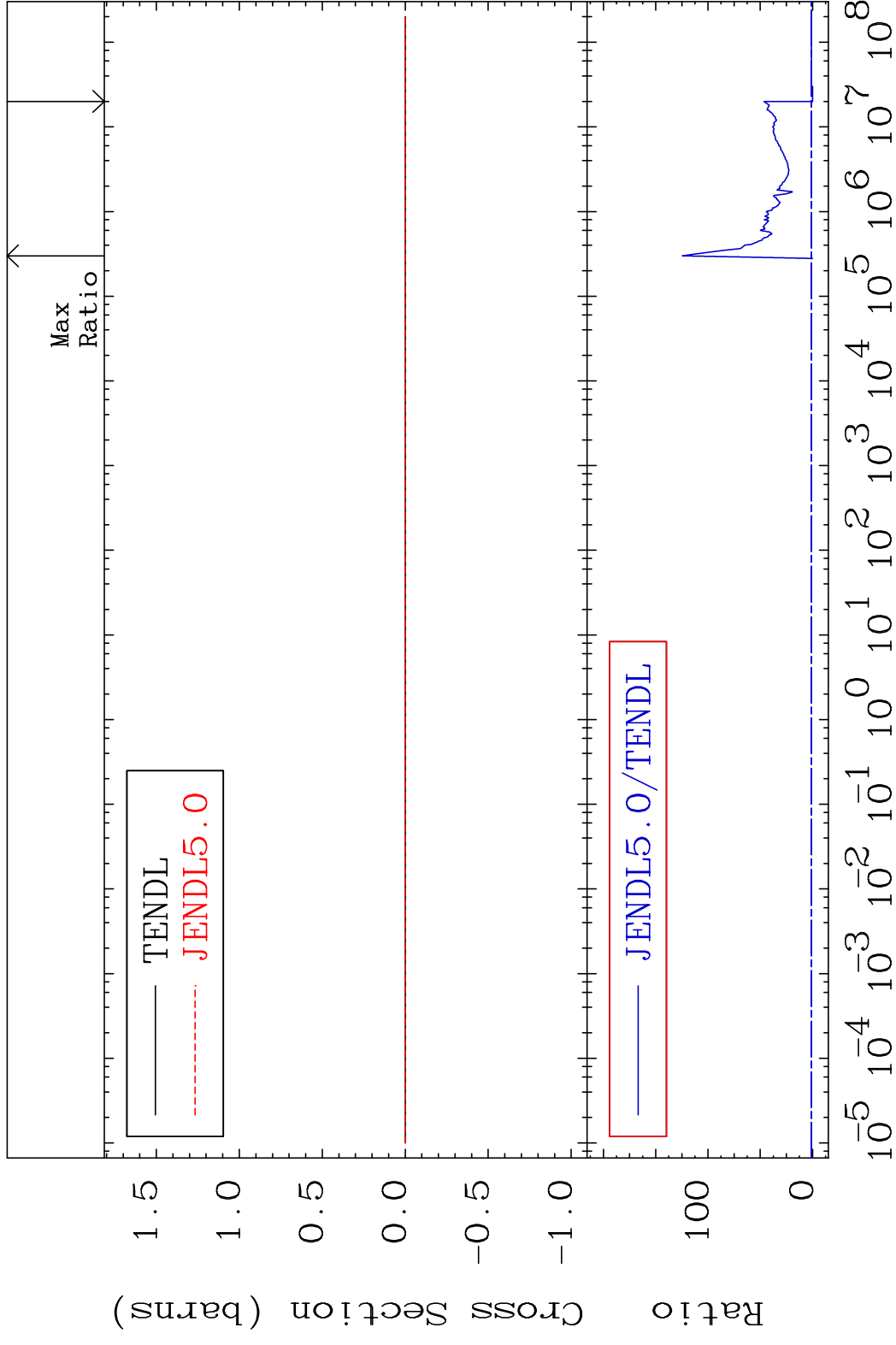
MAT 3531 Kerma non-elastic (all but mt2) 35-Br-81  
 Cross Section -9999. To 9999. %



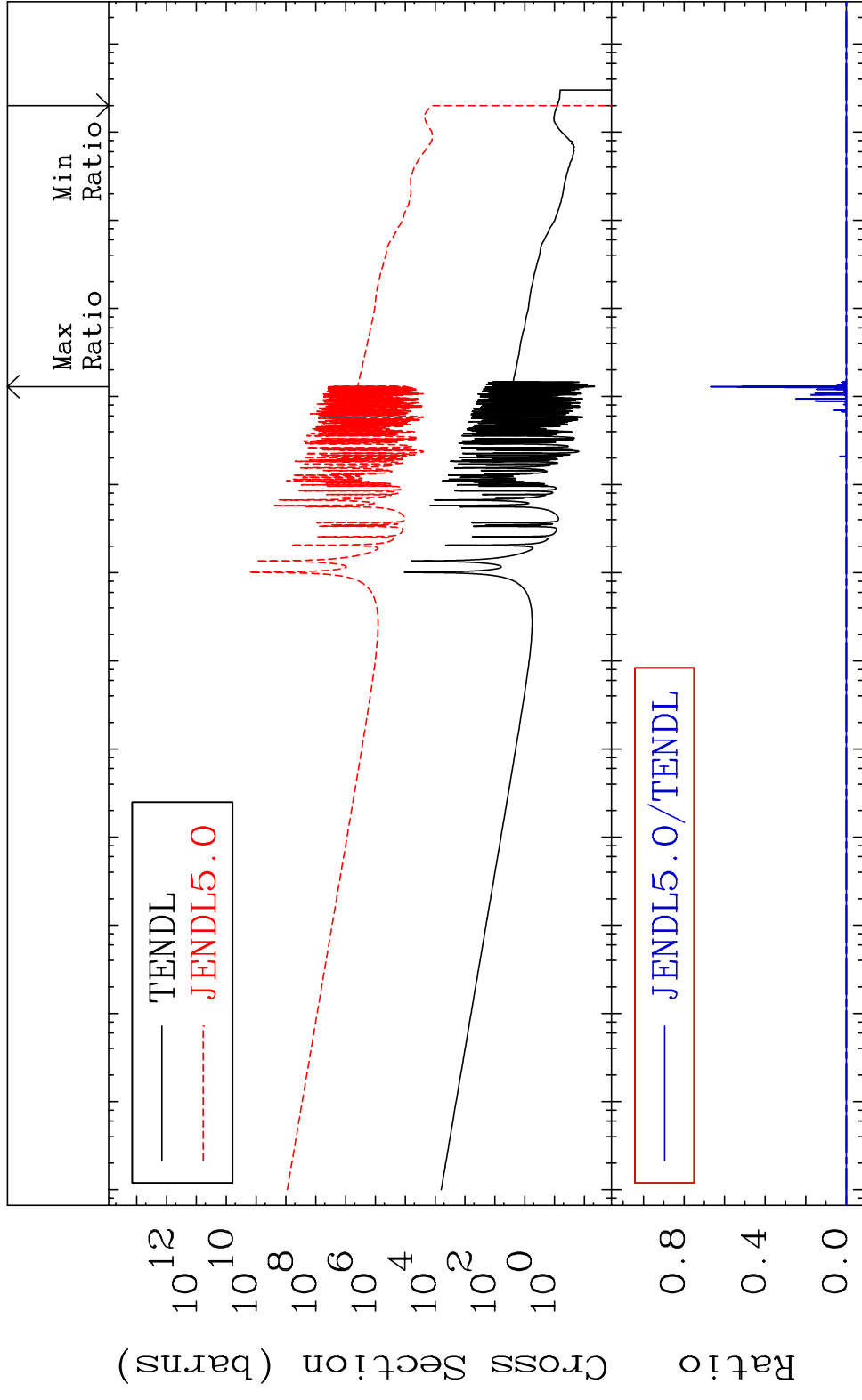
MAT 3531 Kerma inelastic (mt51-91) 35-Br-81  
 Cross Section -100.0 To 9999. %



MAT 3531 Kerma fission (mt18 or mt19-20-21-38) 35-Br-81  
 Cross Section -100.0 To 9999. %

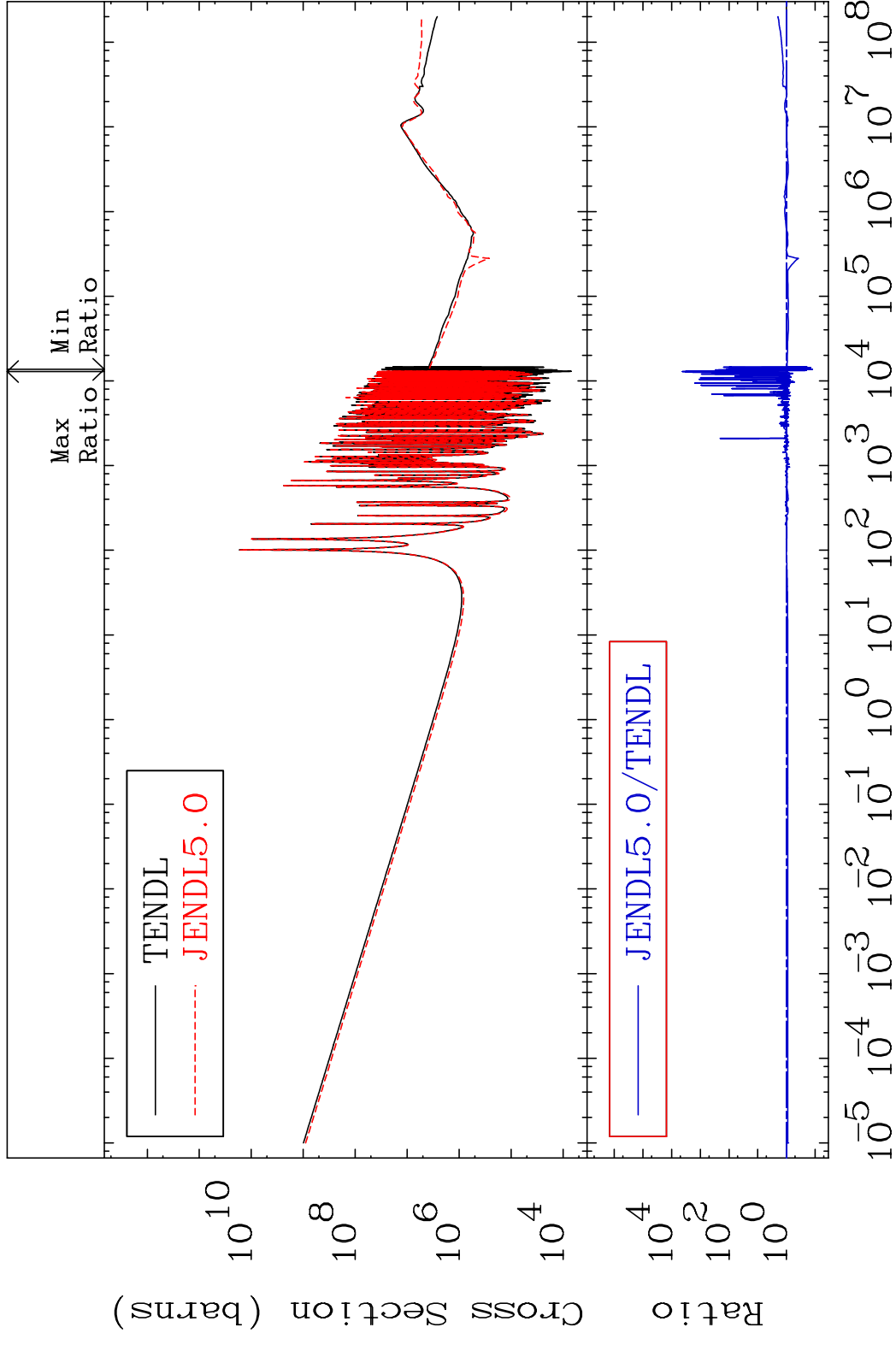


MAT 3531 Kerma capture (mt102) 35-Br-81  
 Cross Section -100.0 To 9999. %

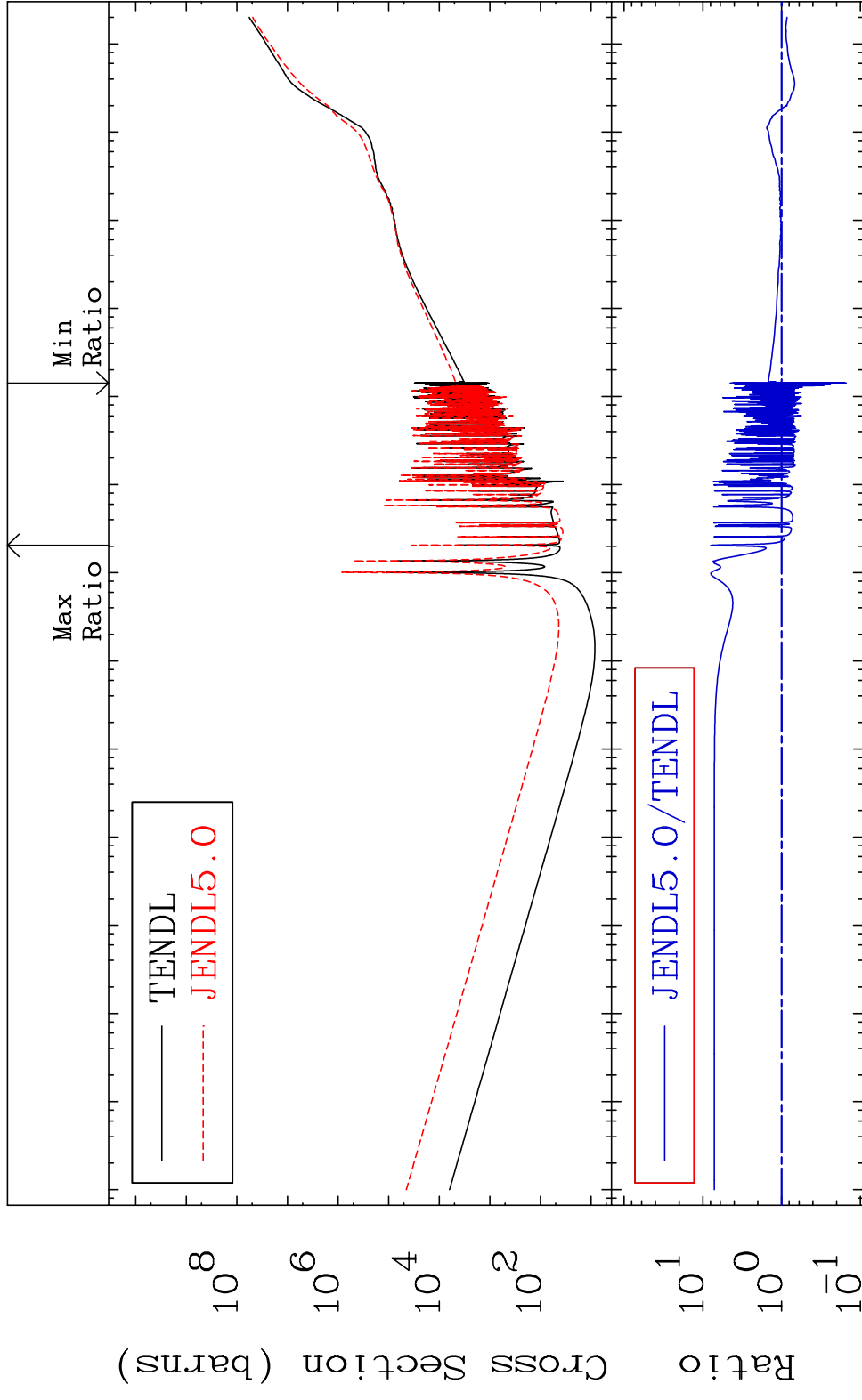


57 Incident Energy (eV) 35-Br-81

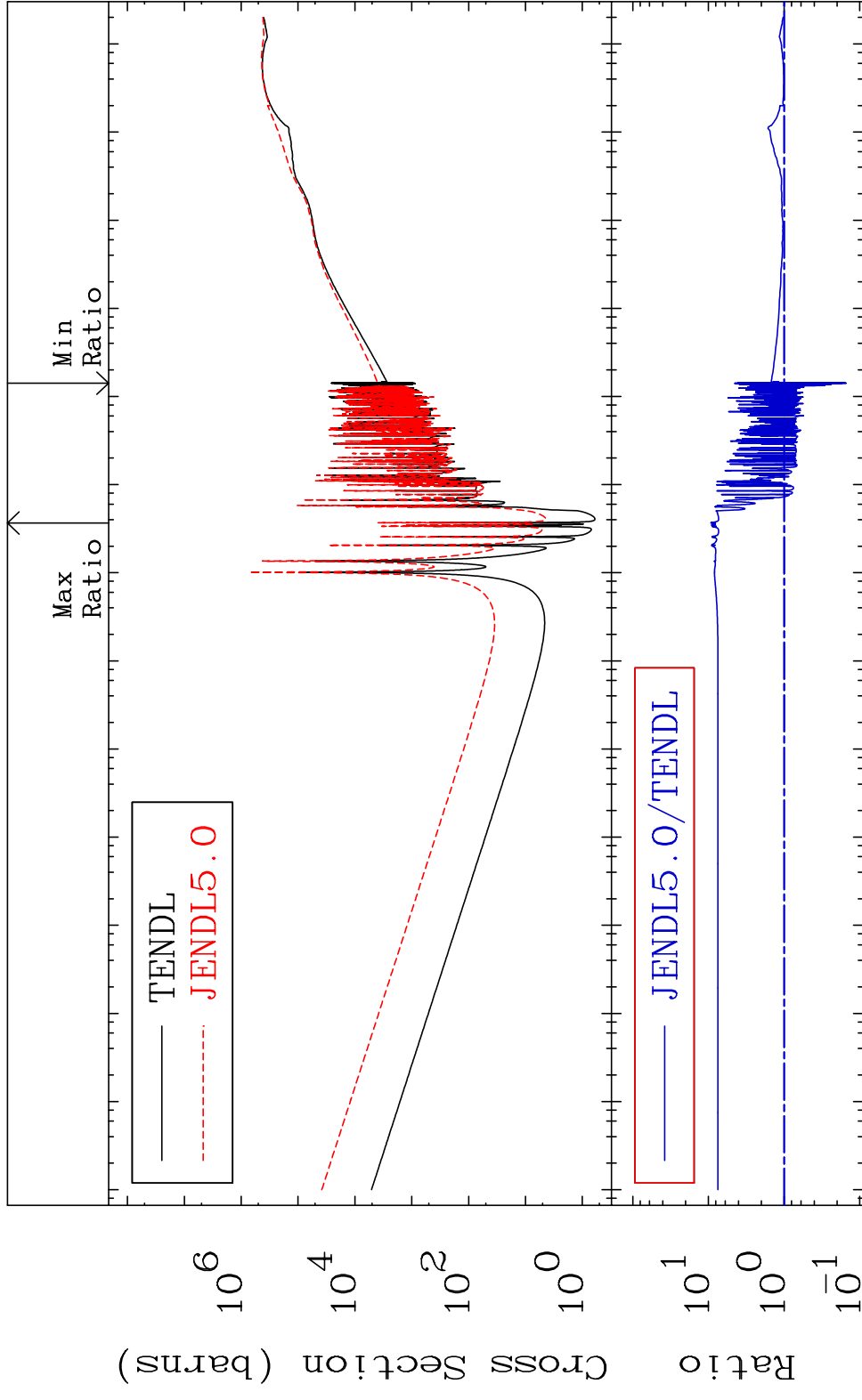
MAT 3531 Total photon (eV-barns) 35-Br-81  
 Cross Section -87.67 To 9999. %



MAT 3531 Total kinematic kerma (high limit) 35-Br-81  
 Cross Section -84.94 To 694.3 %



MAT 3531      Dpa total (eV-barns)      35-Br-81  
 Cross Section      -84.94 To 833.1 %



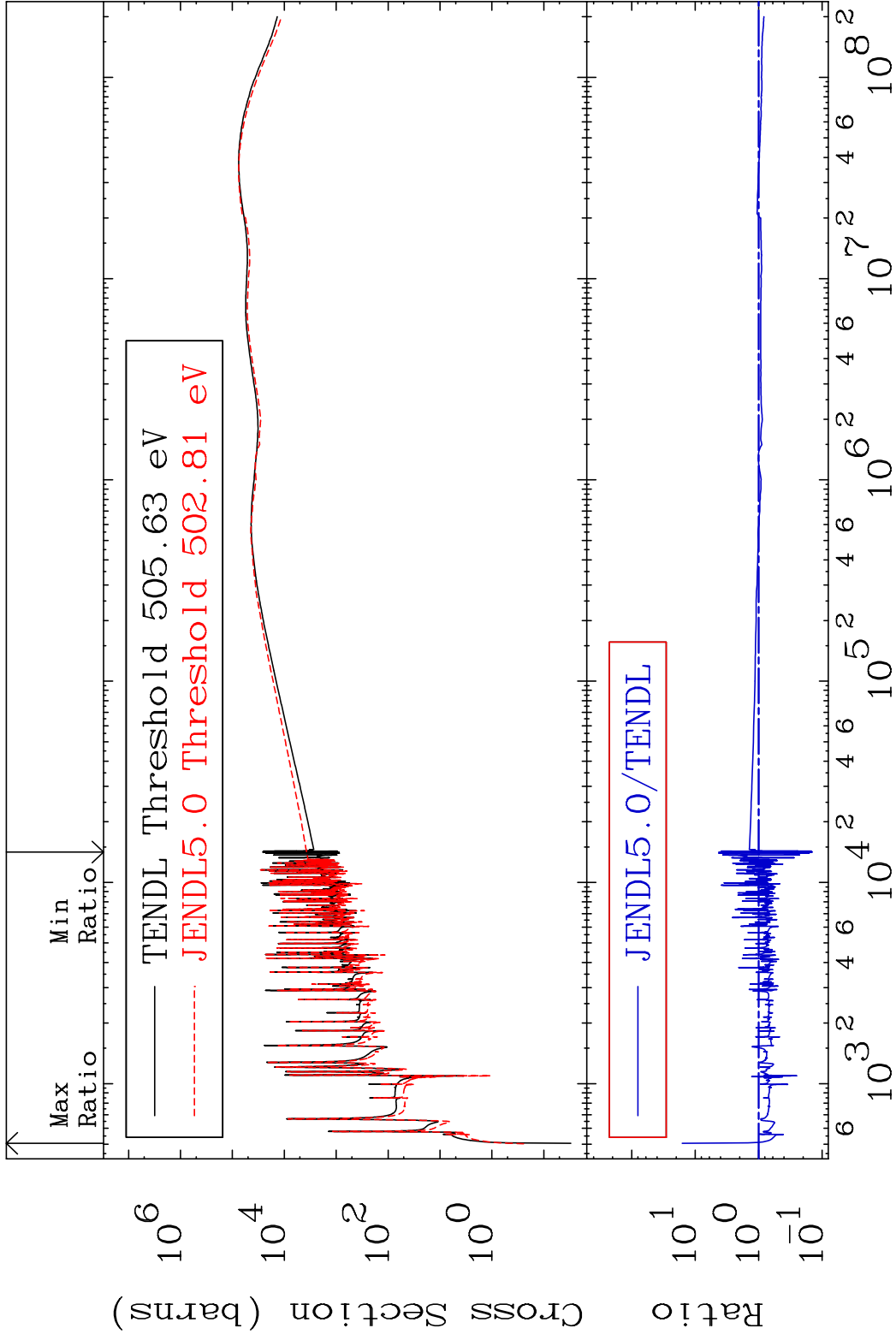
60      Incident Energy (eV)      35-Br-81

MAT 3531

Dpa elastic (mt2)

35-Br-81

Cross Section -85.76 To 1509. %

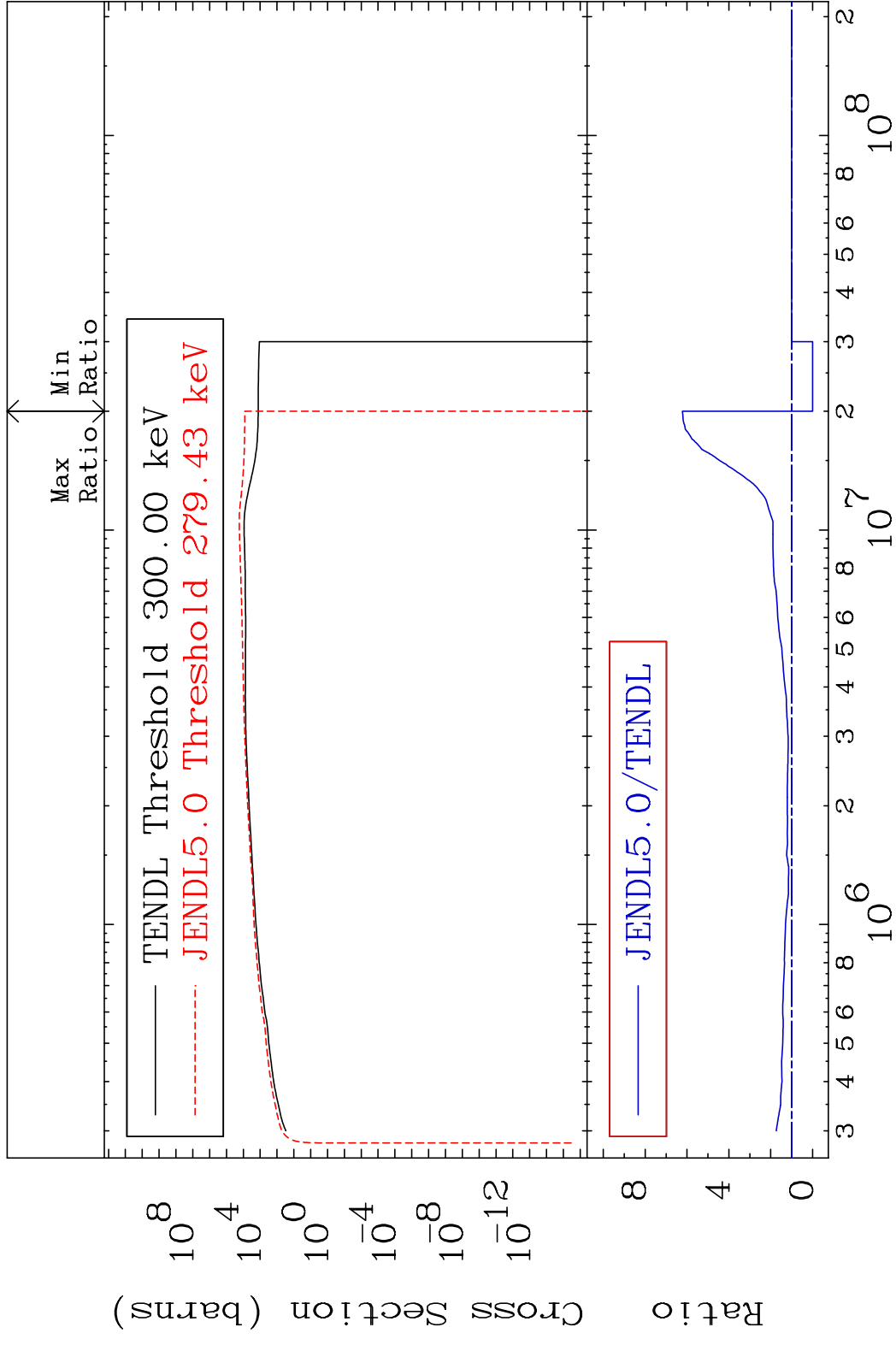


61

Incident Energy (eV)

35-Br-81

MAT 3531      Dpa inelastic (mt51-91)      35-Br-81  
 Cross Section      -100.0 To 522.3 %



MAT 3531 Dpa disappearance (mt102 -120) 35-Br-81  
 Cross Section -100.0 To 9999. %

