

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

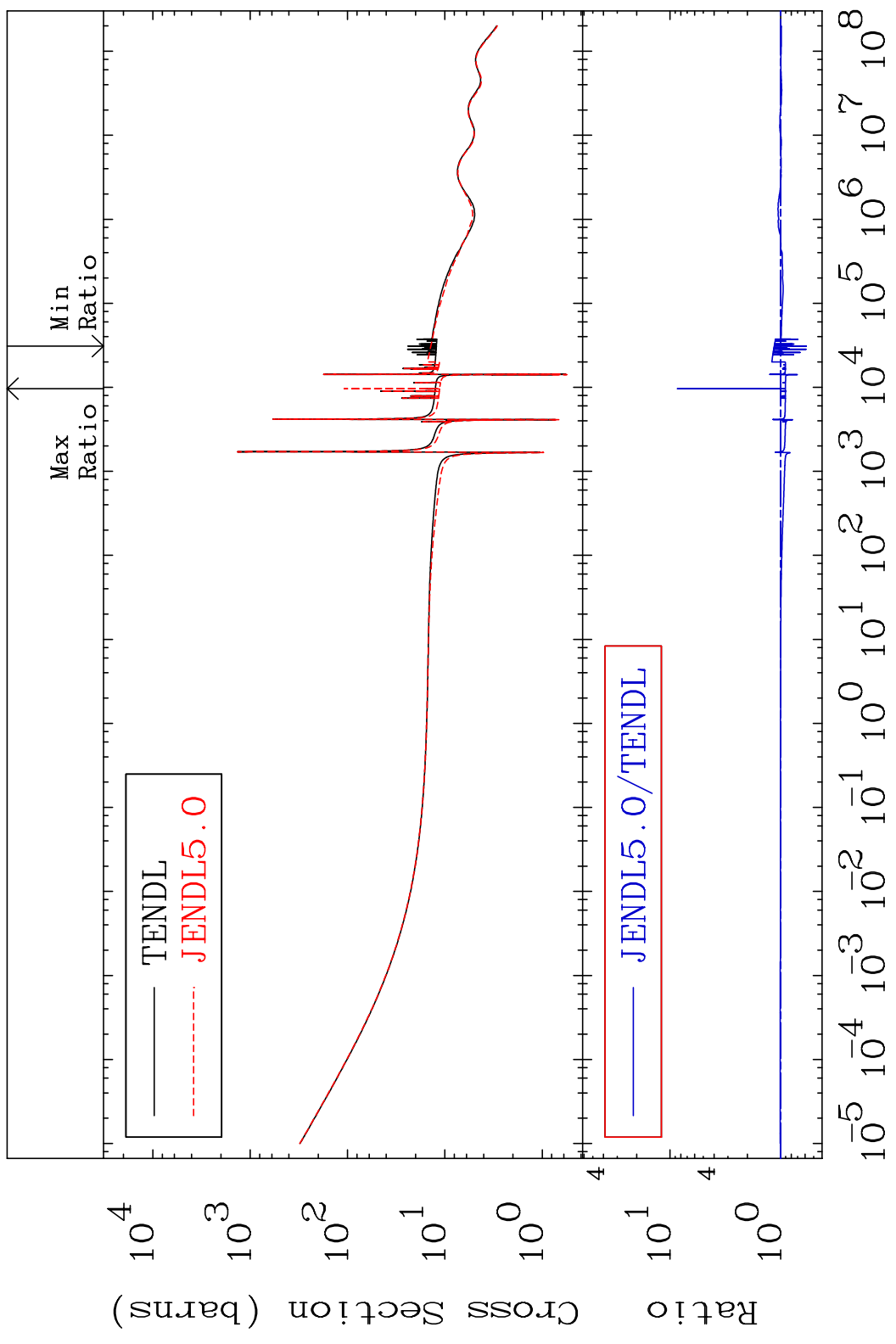
MAT 8043

Total

80-Hg-202

Cross Section

-41.67 To 761.9 %



1

Incident Energy (eV)

80-Hg-202

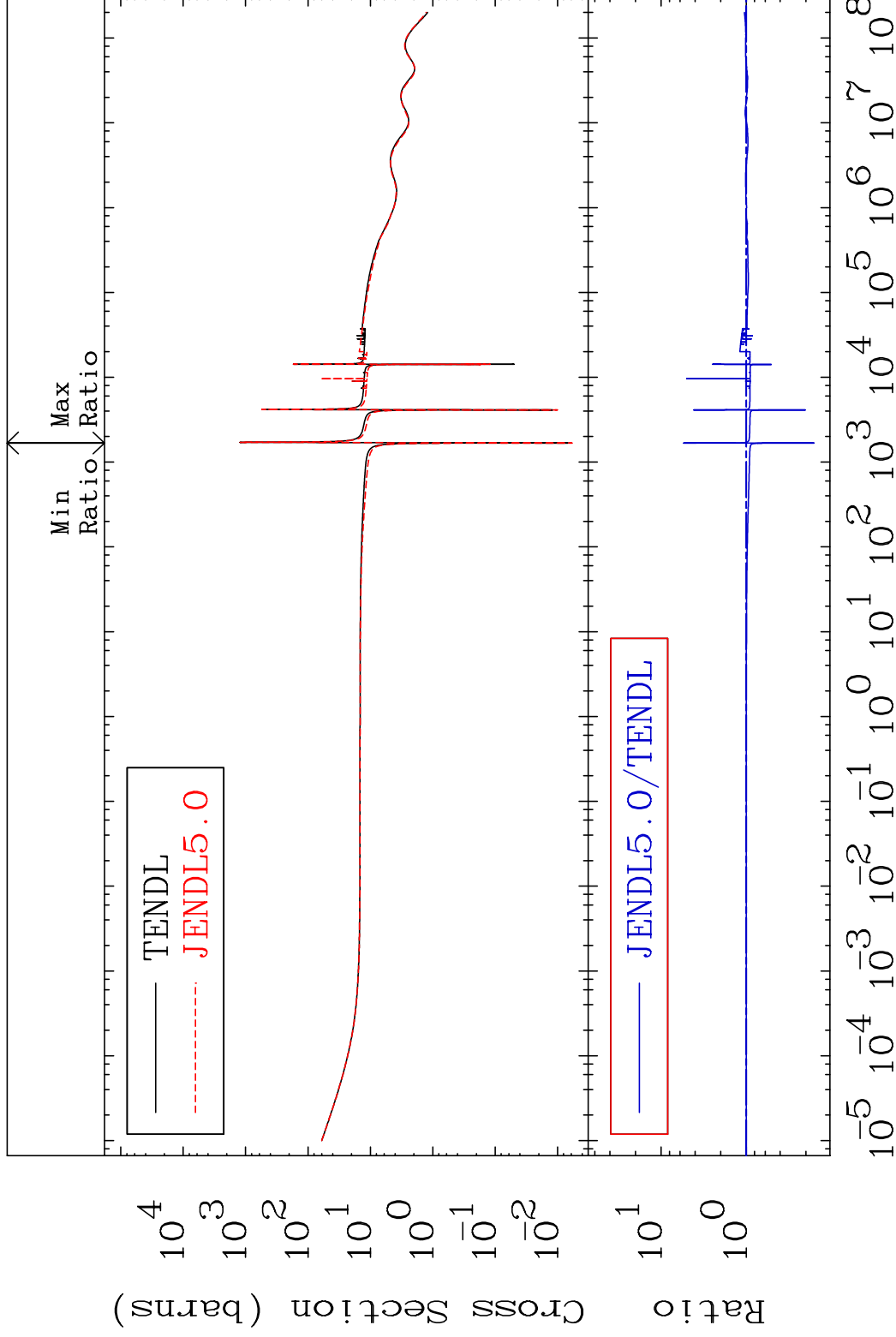
MAT 8043

Elastic

80-Hg-202

Cross Section

-84.00 To 444.3 %

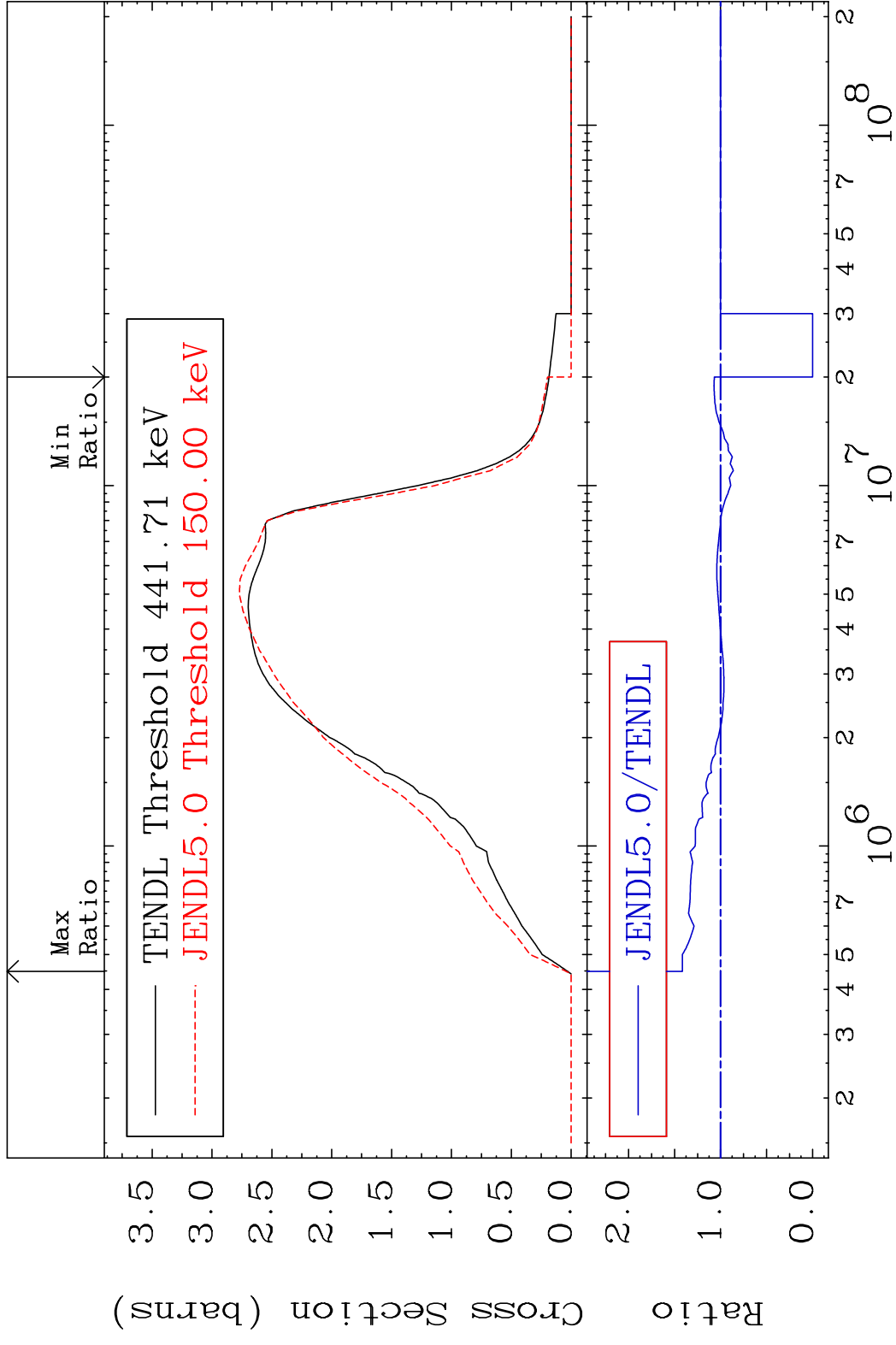


2

Incident Energy (eV)

80-Hg-202

MAT 8043                      Inelastic                      80-Hg-202  
 Cross Section                      -100.0 To 41.54 %



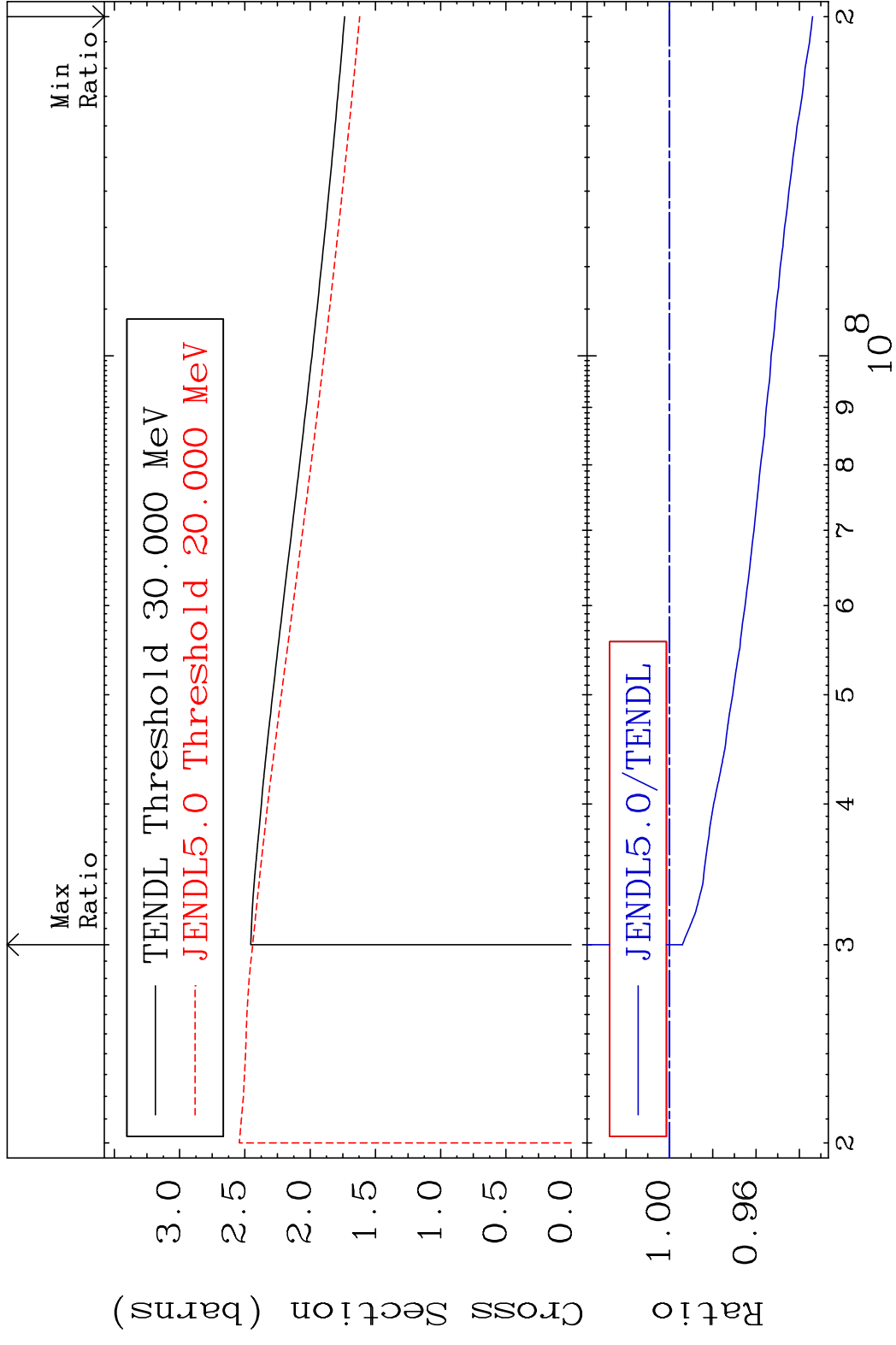
MAT 8043

(n, remainder)

80-Hg-202

Cross Section

-6.614 To -0.601%



4

Incident Energy (eV)

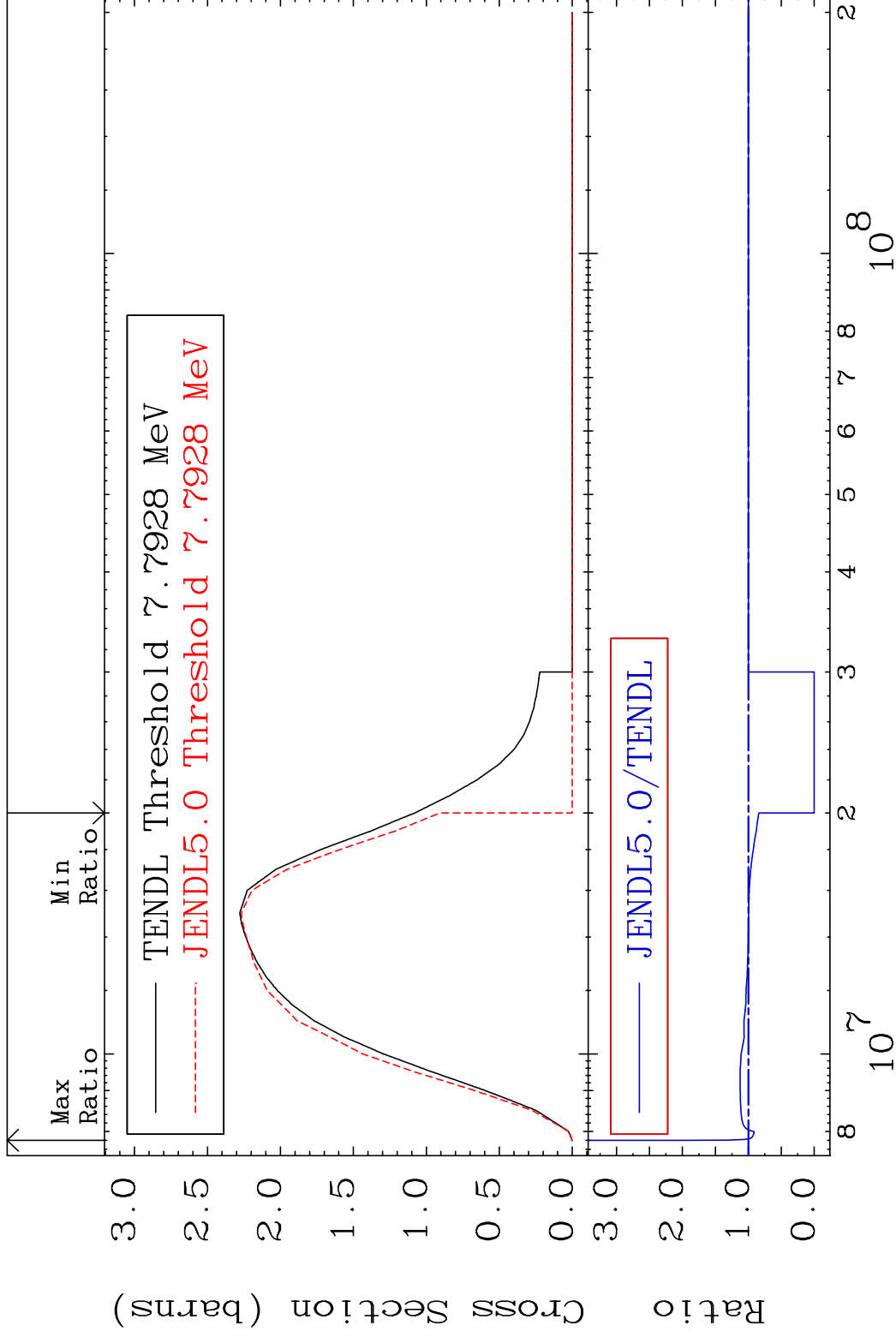
80-Hg-202

MAT 8043

(n,2n)

80-Hg-202

Cross Section -100.0 To 98.13 %



5

Incident Energy (eV)

80-Hg-202

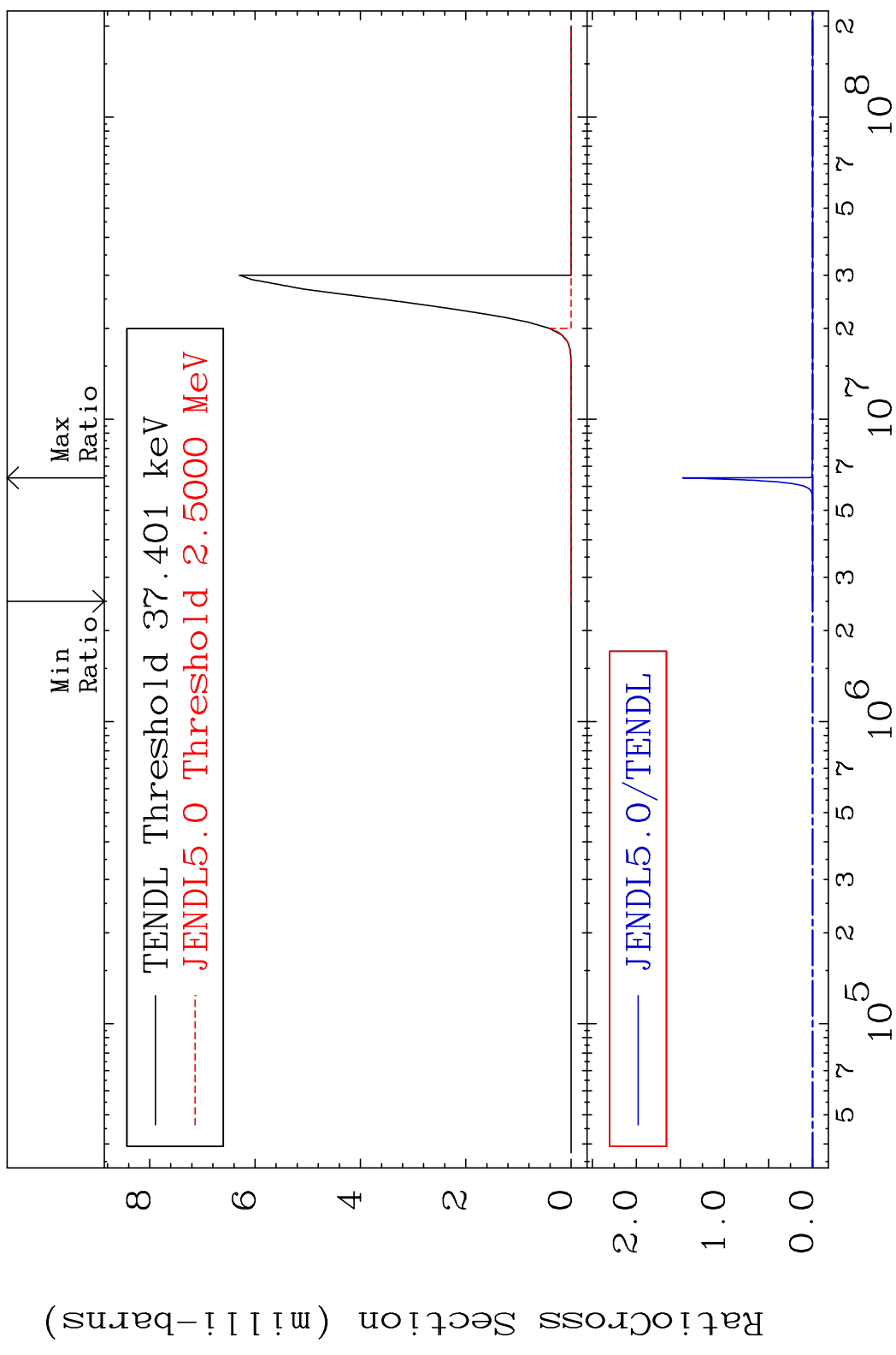


MAT 8043

(n, n')  $\alpha$

80-Hg-202

Cross Section -100.0 To 9999. %

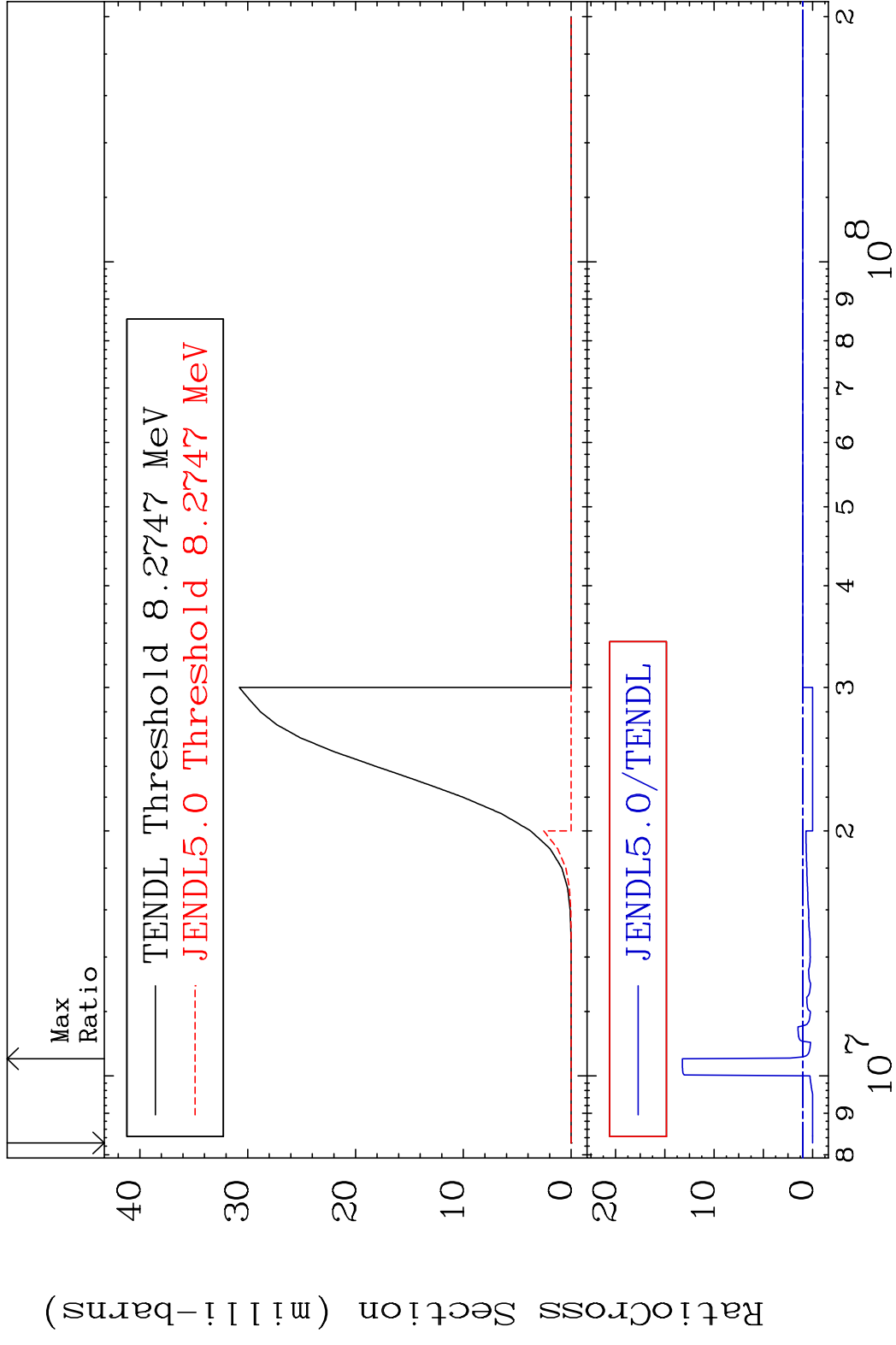


7

Incident Energy (eV)

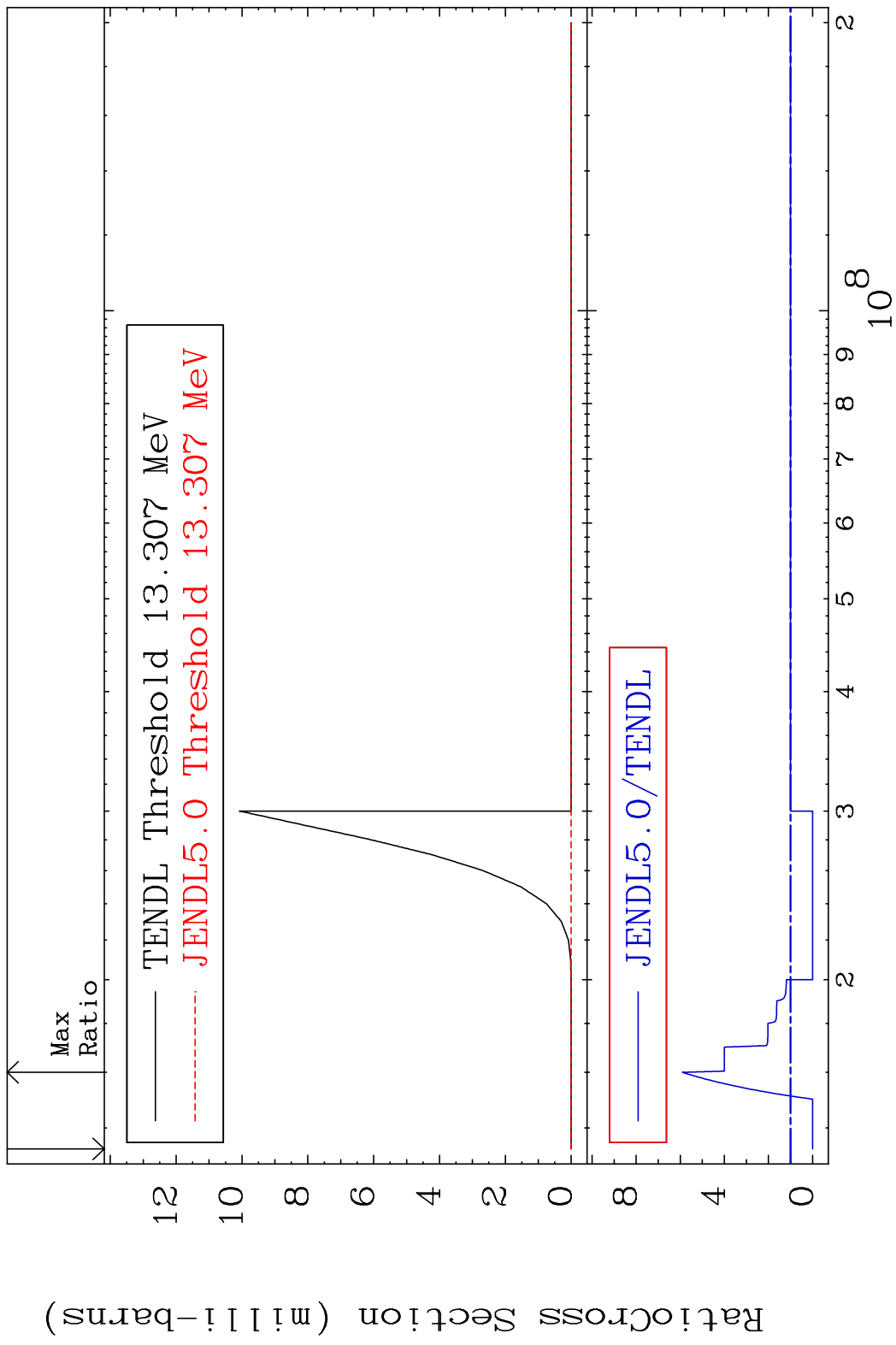
80-Hg-202

MAT 8043 (n, n') p 80-Hg-202  
 Cross Section -100.0 To 1222. %

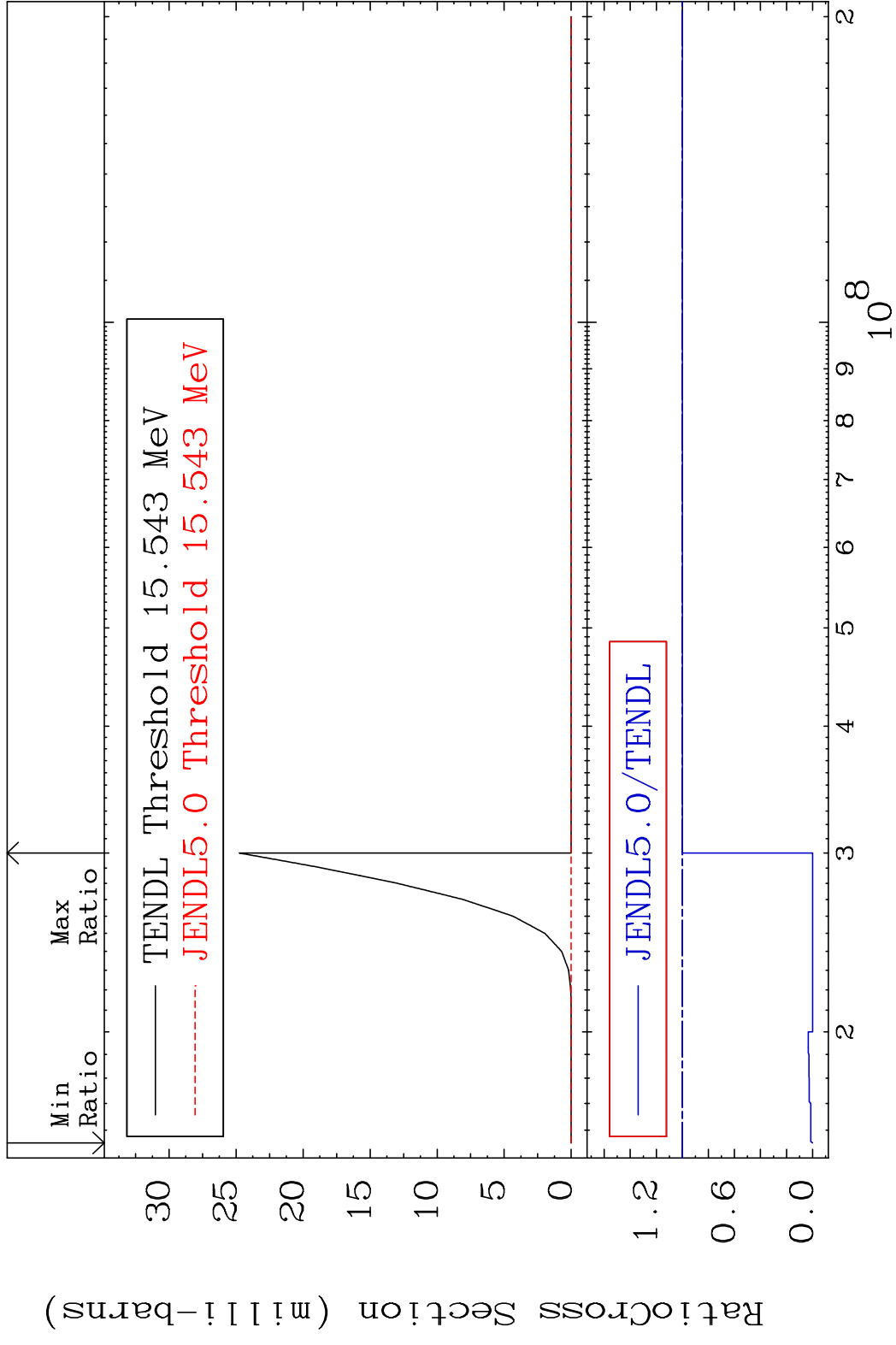


8 8 Incident Energy (eV) 80-Hg-202

MAT 8043 (n, n') d 80-Hg-202  
 Cross Section -100.0 To 490.5 %

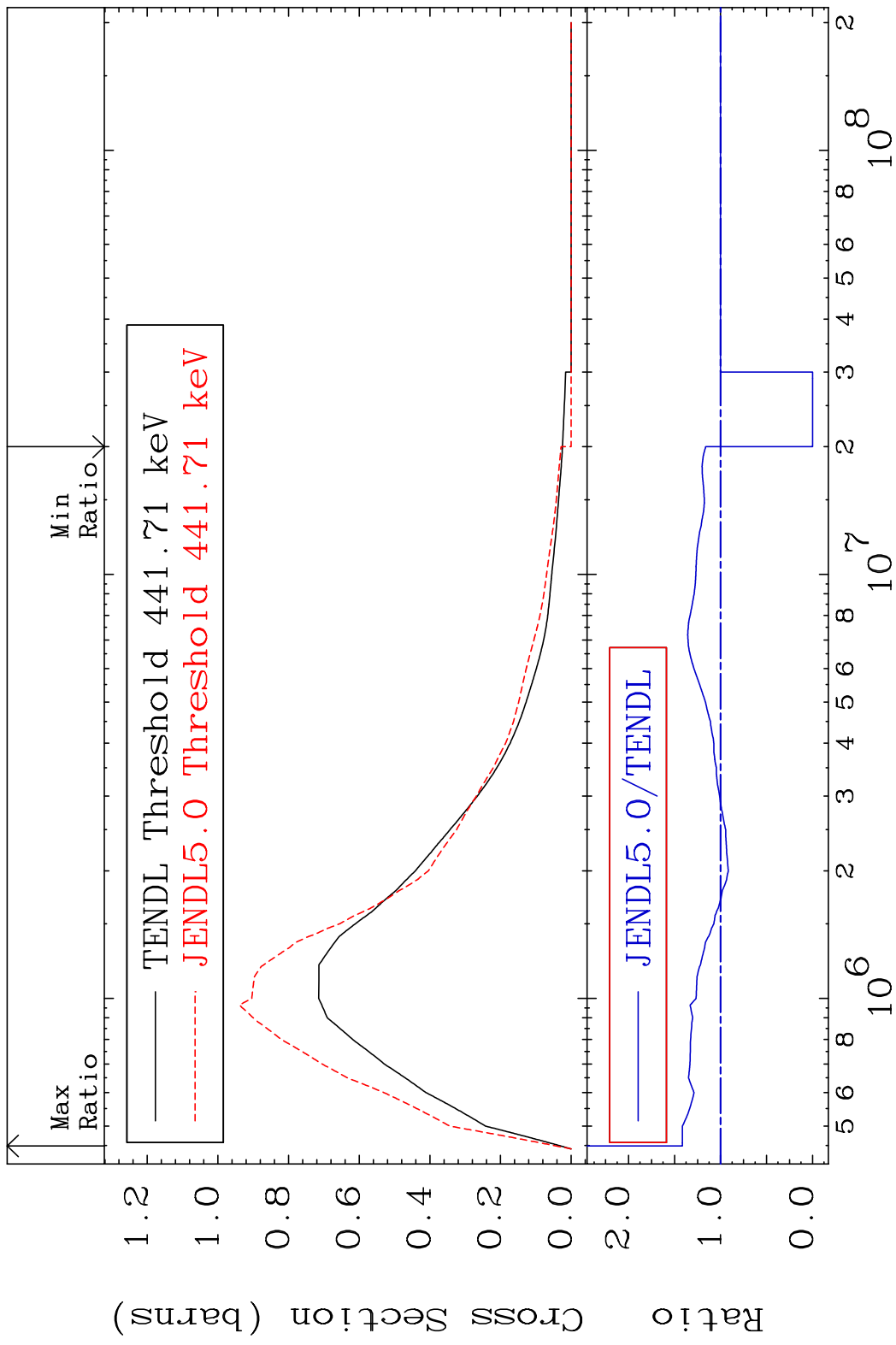


MAT 8043 (n,2n) p 80-Hg-202  
 Cross Section -100.0 To 0.000 %

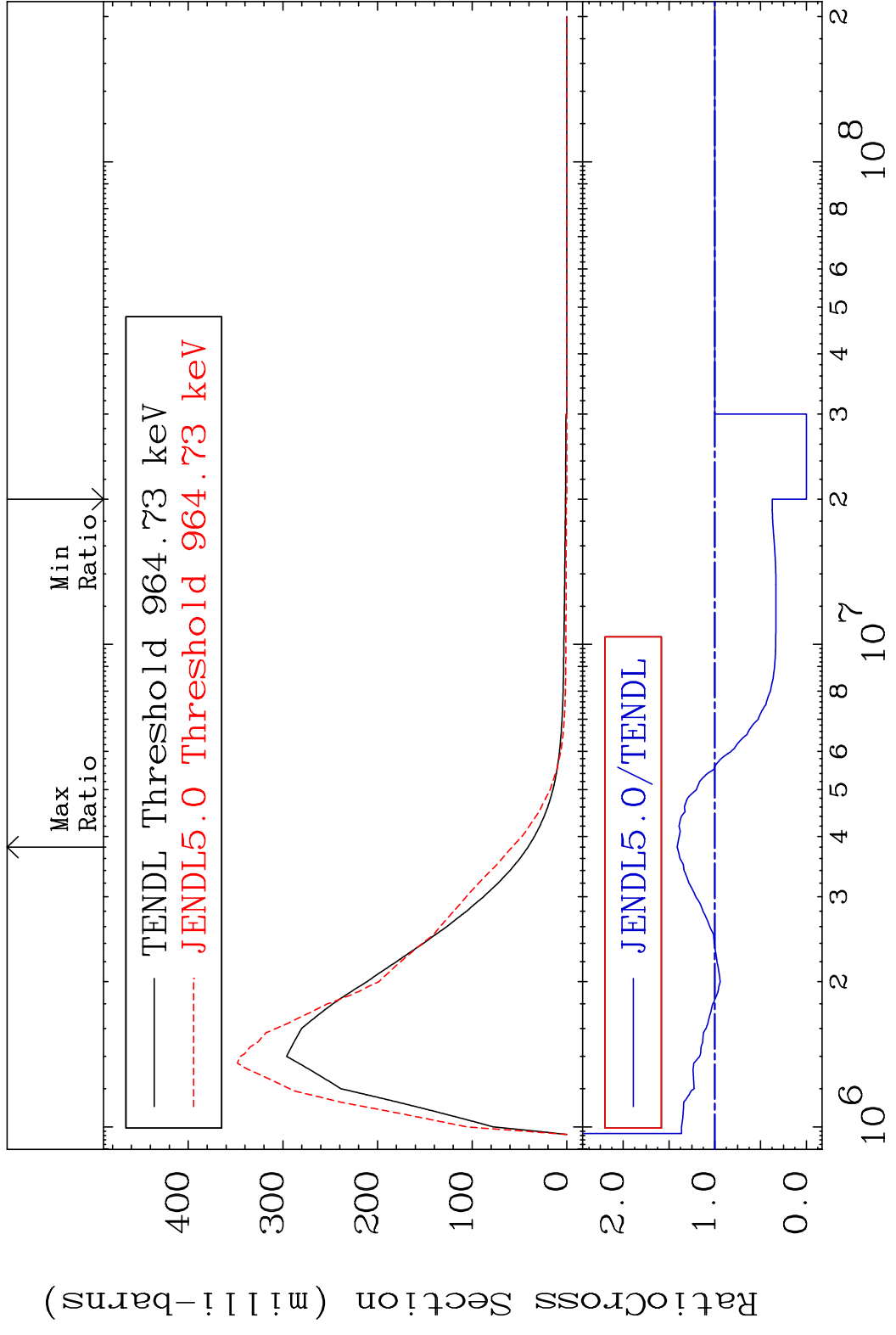


10 Incident Energy (eV) 80-Hg-202

MAT 8043 MT= 51 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 41.52 %

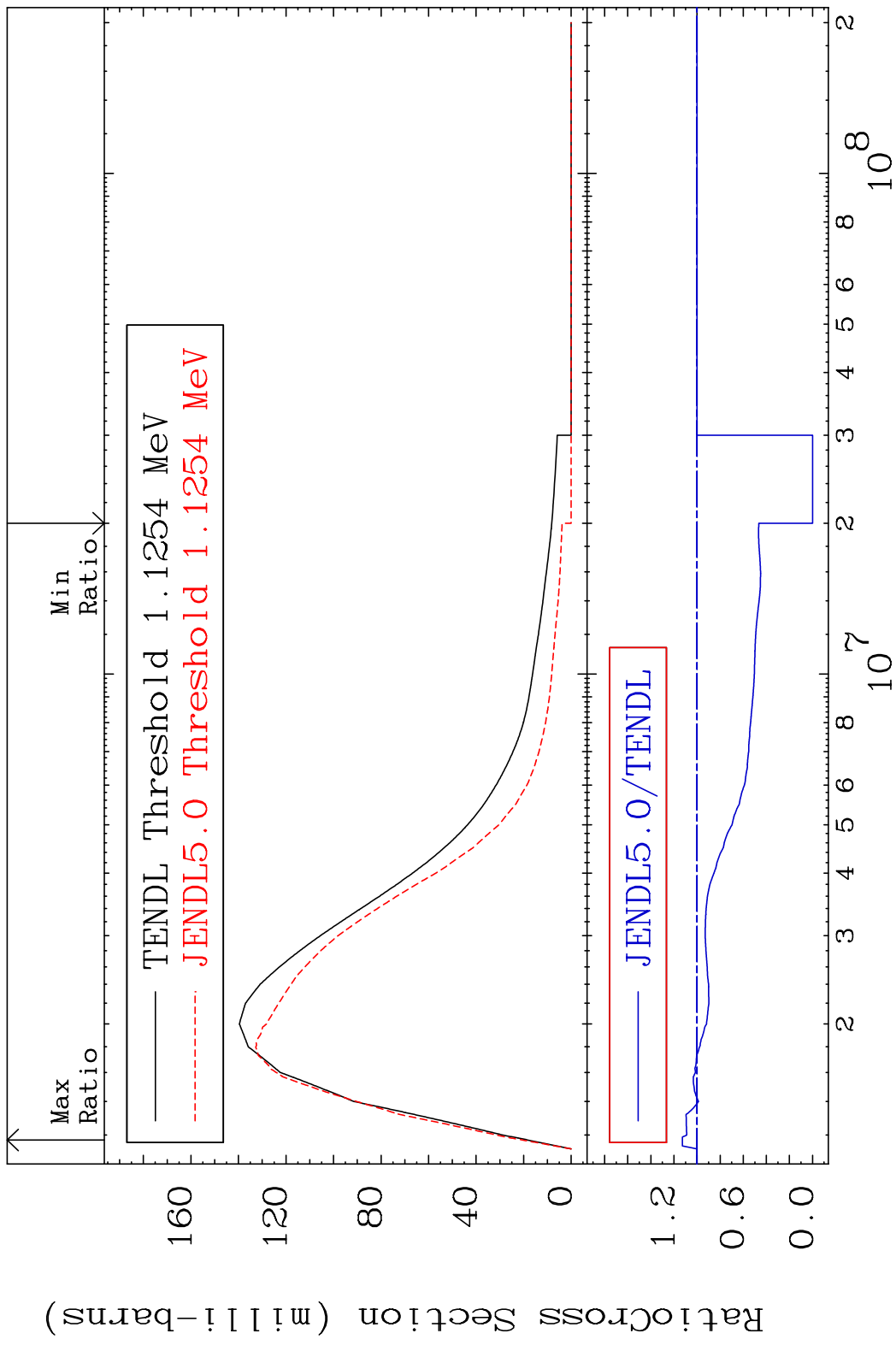


MAT 8043 MT= 52 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 41.07 %

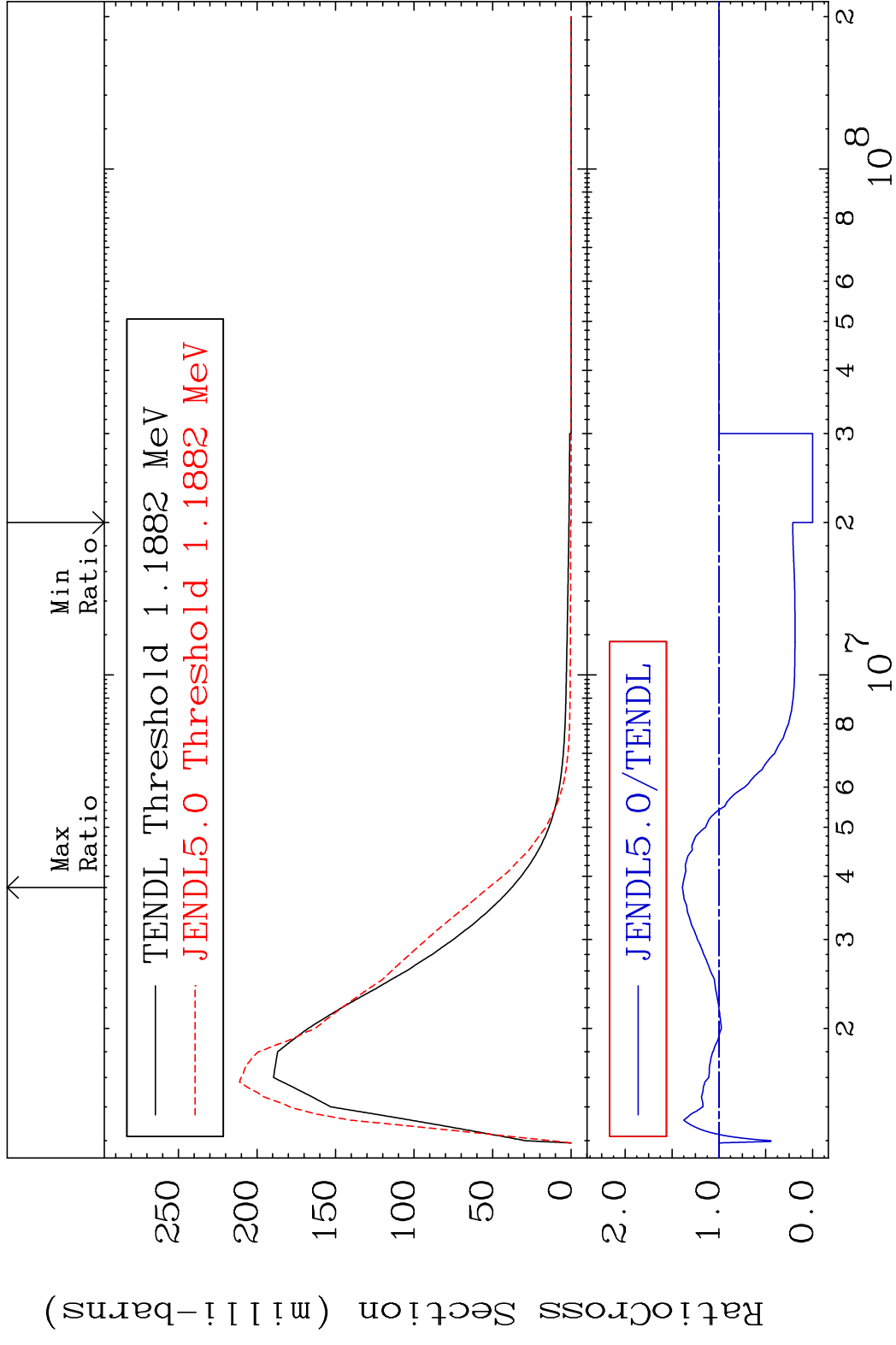


12 Incident Energy (eV) 80-Hg-202

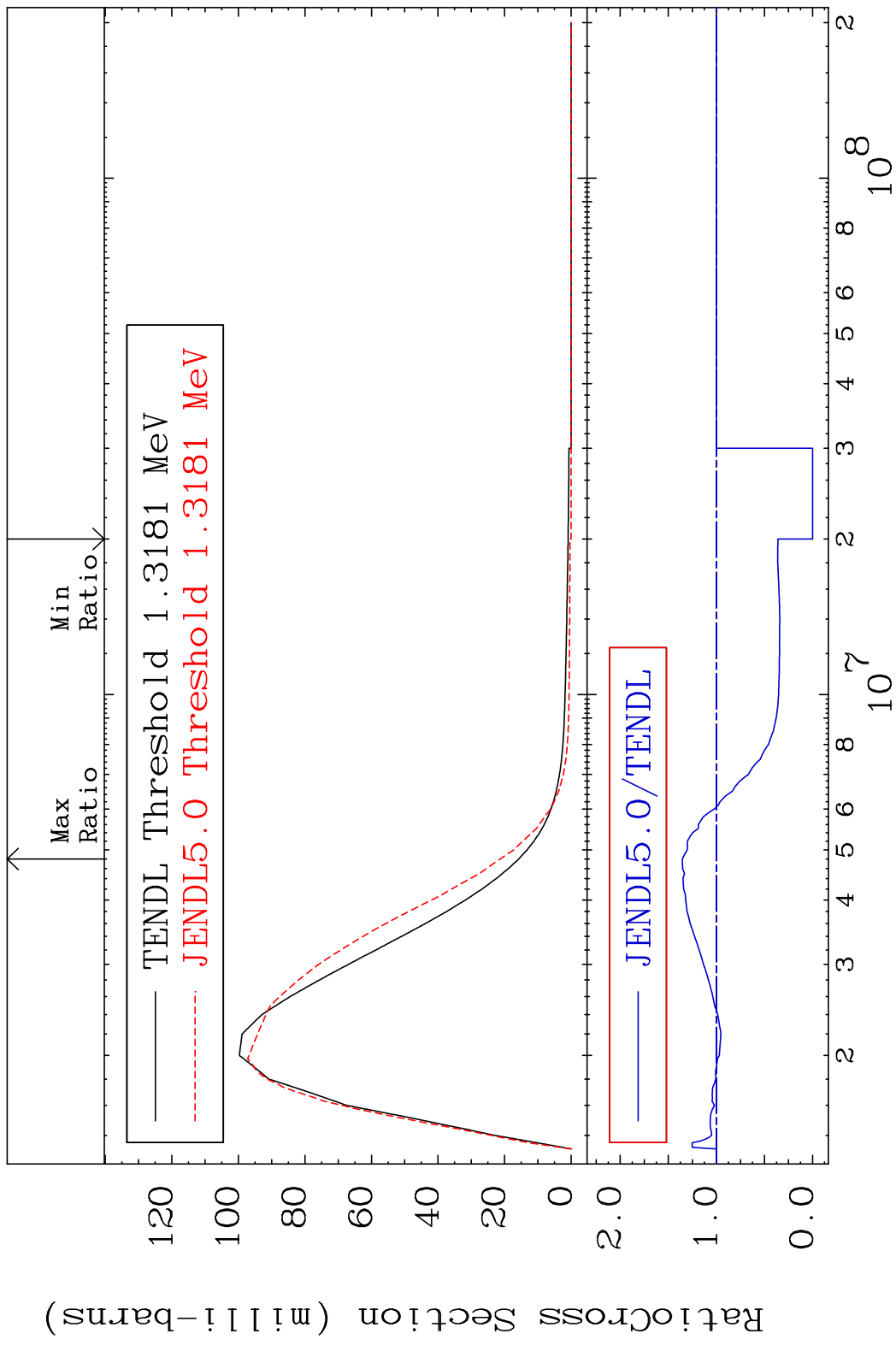
MAT 8043 MT= 53 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 12.72 %



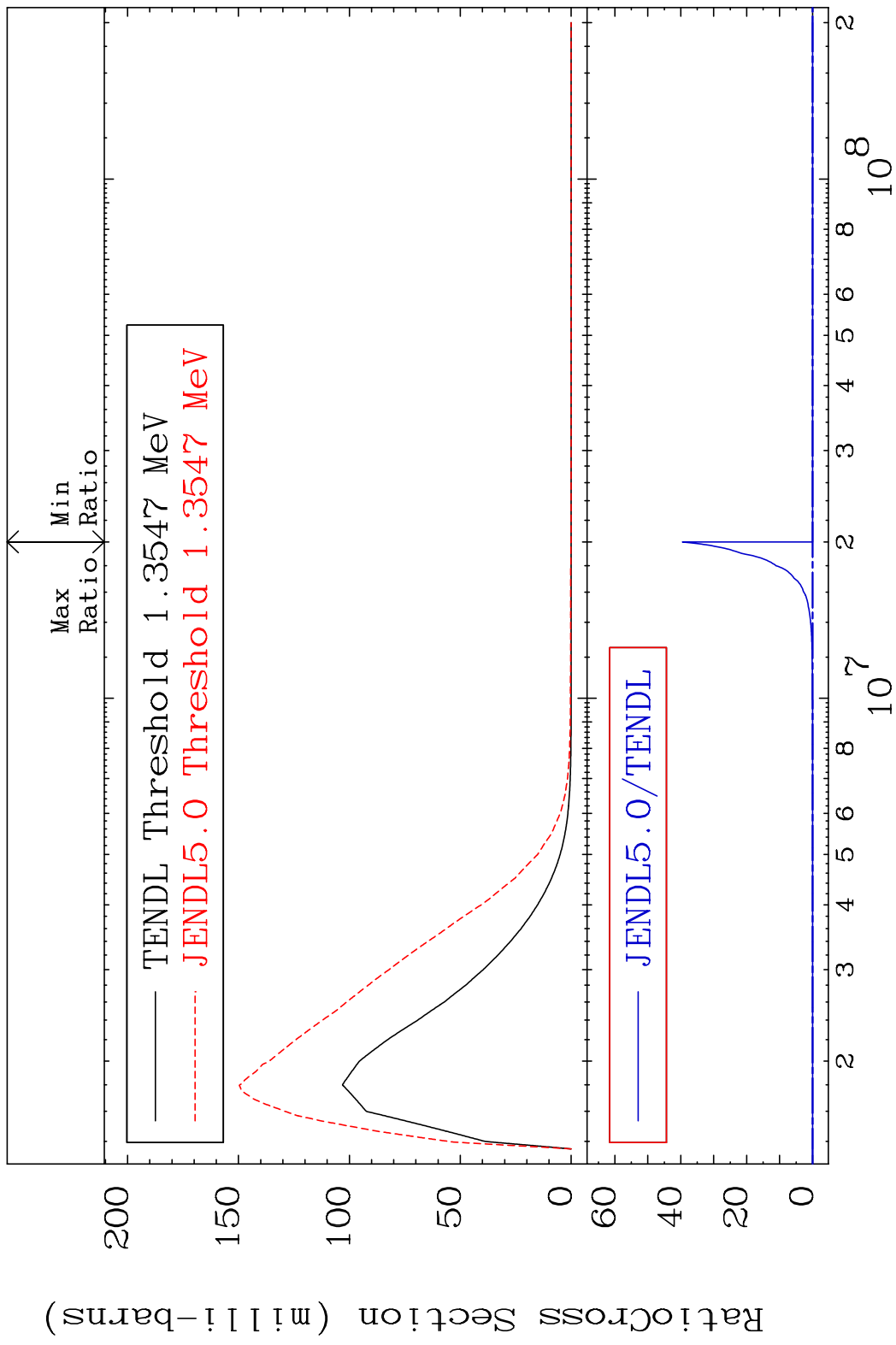
MAT 8043 MT= 54 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 38.97 %



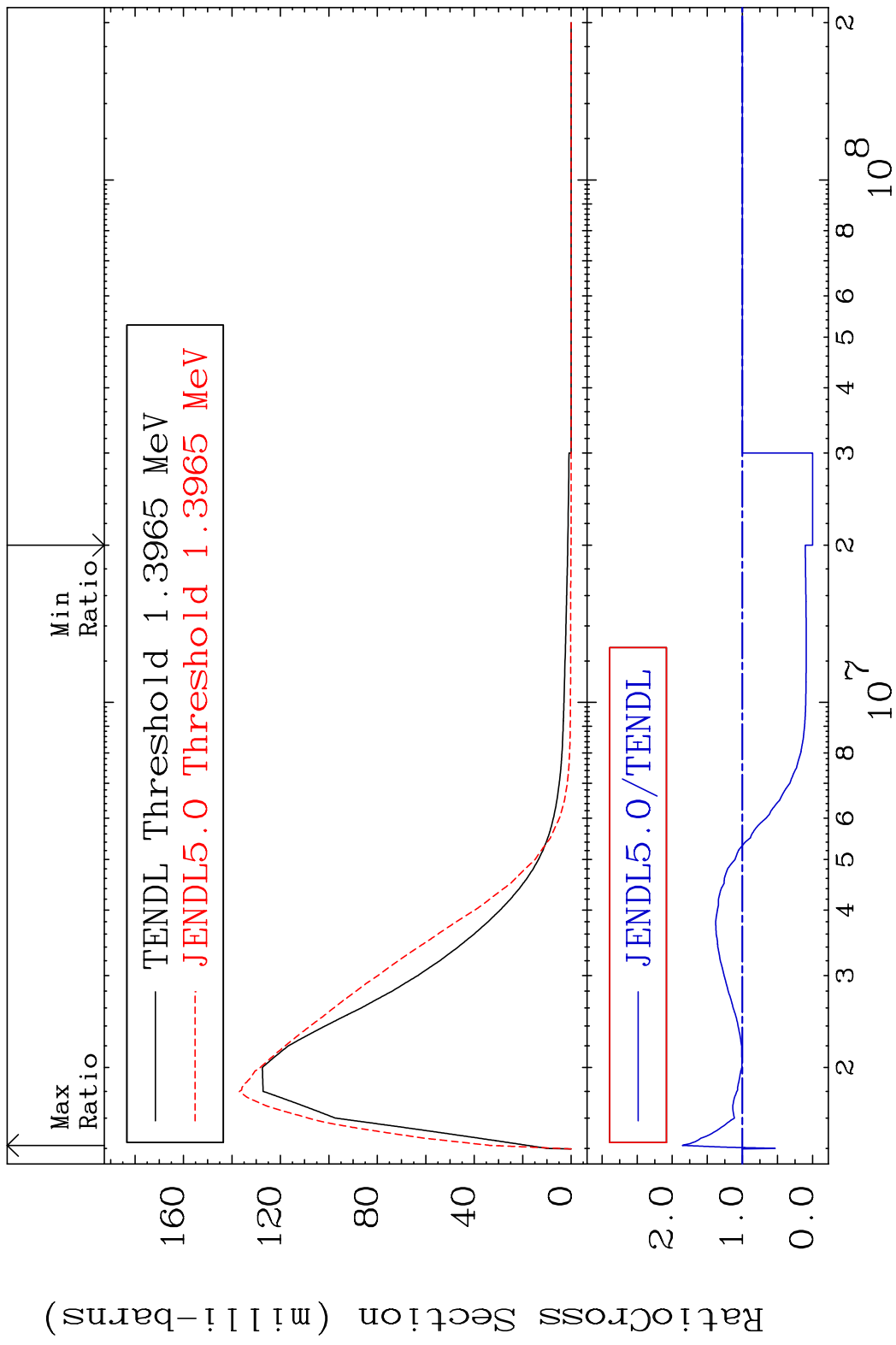
MAT 8043 MT= 55 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 35.39 %



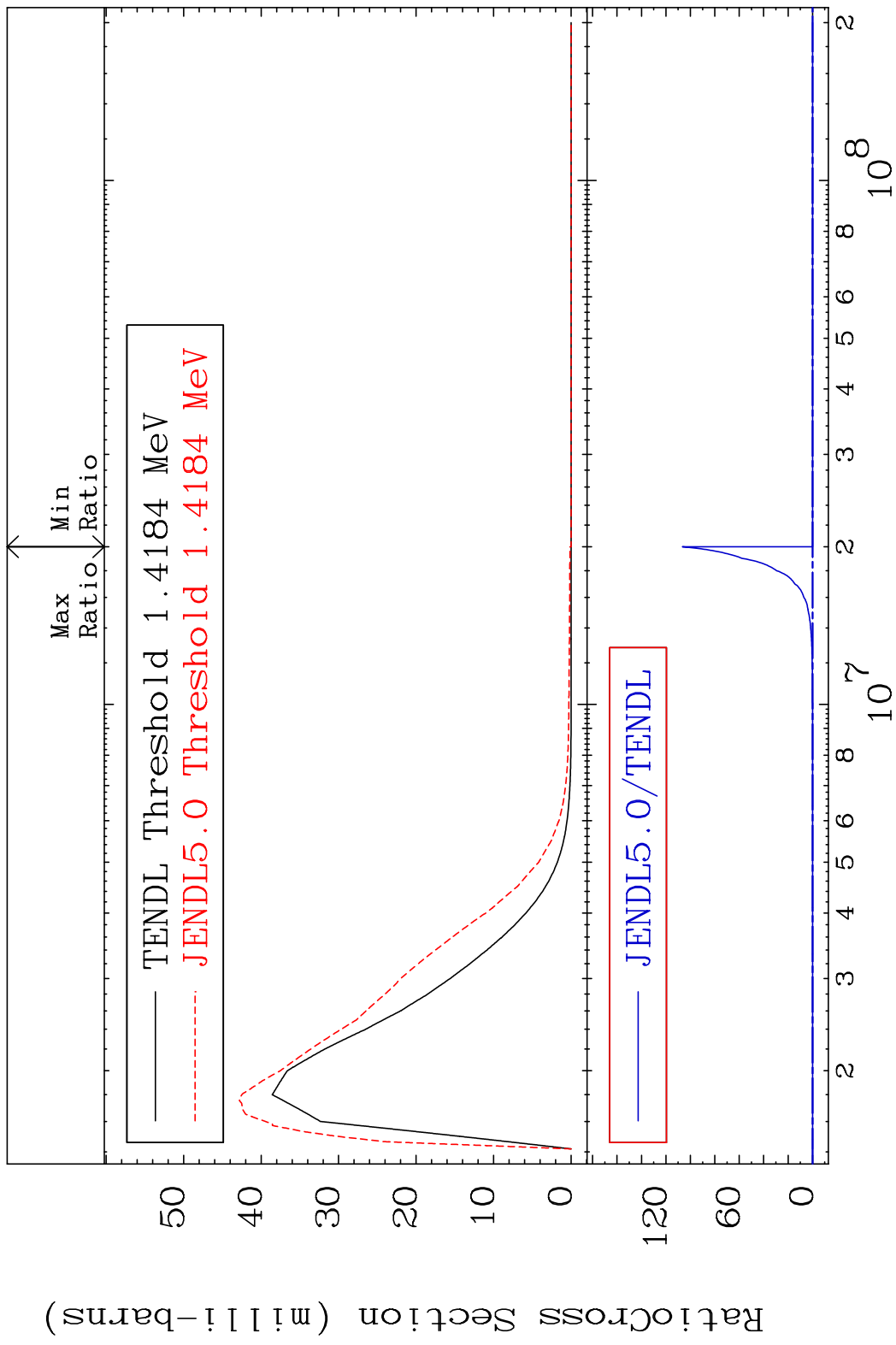
MAT 8043 MT= 56 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 9999. %



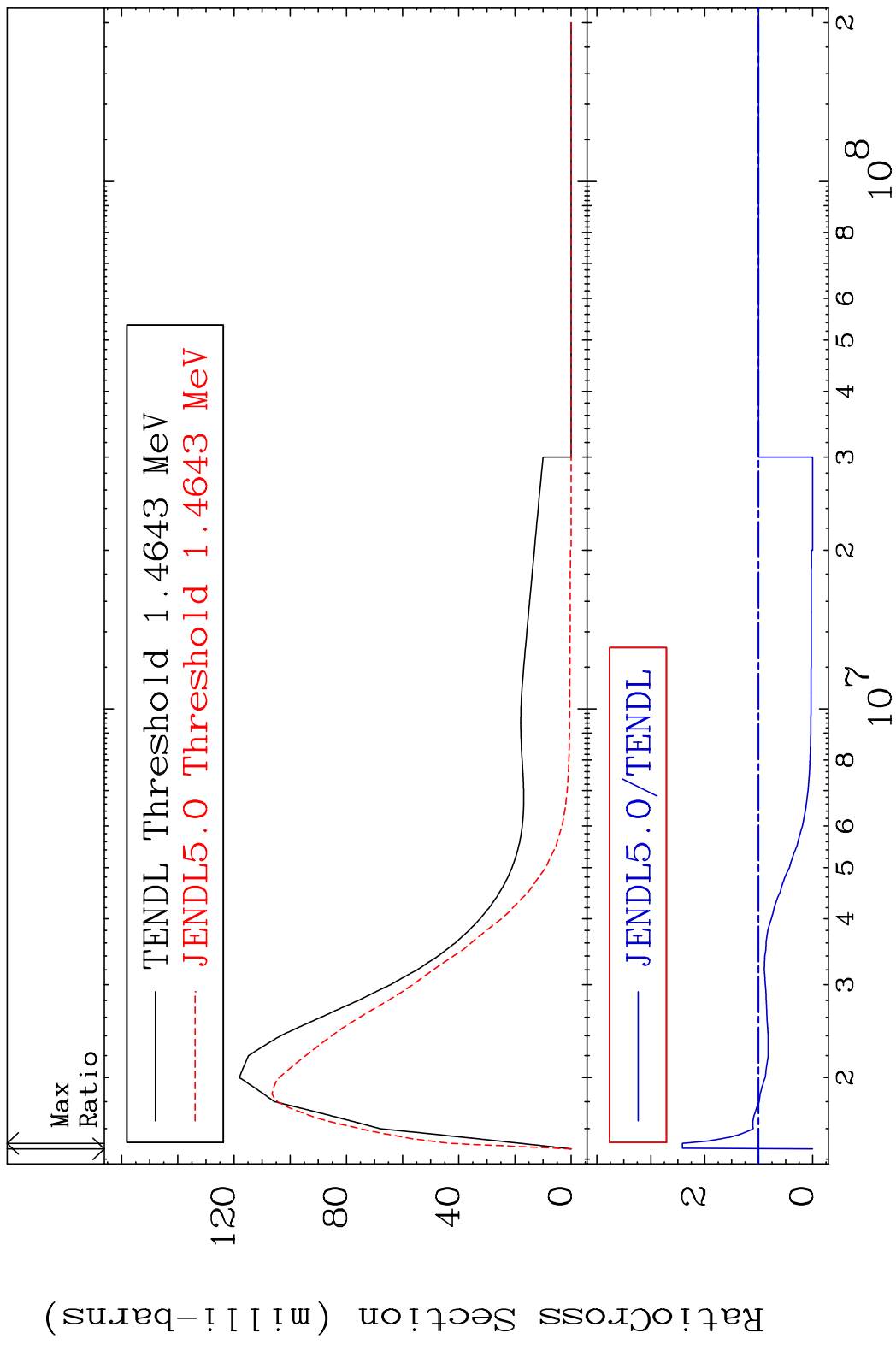
MAT 8043 MT= 57 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 85.58 %



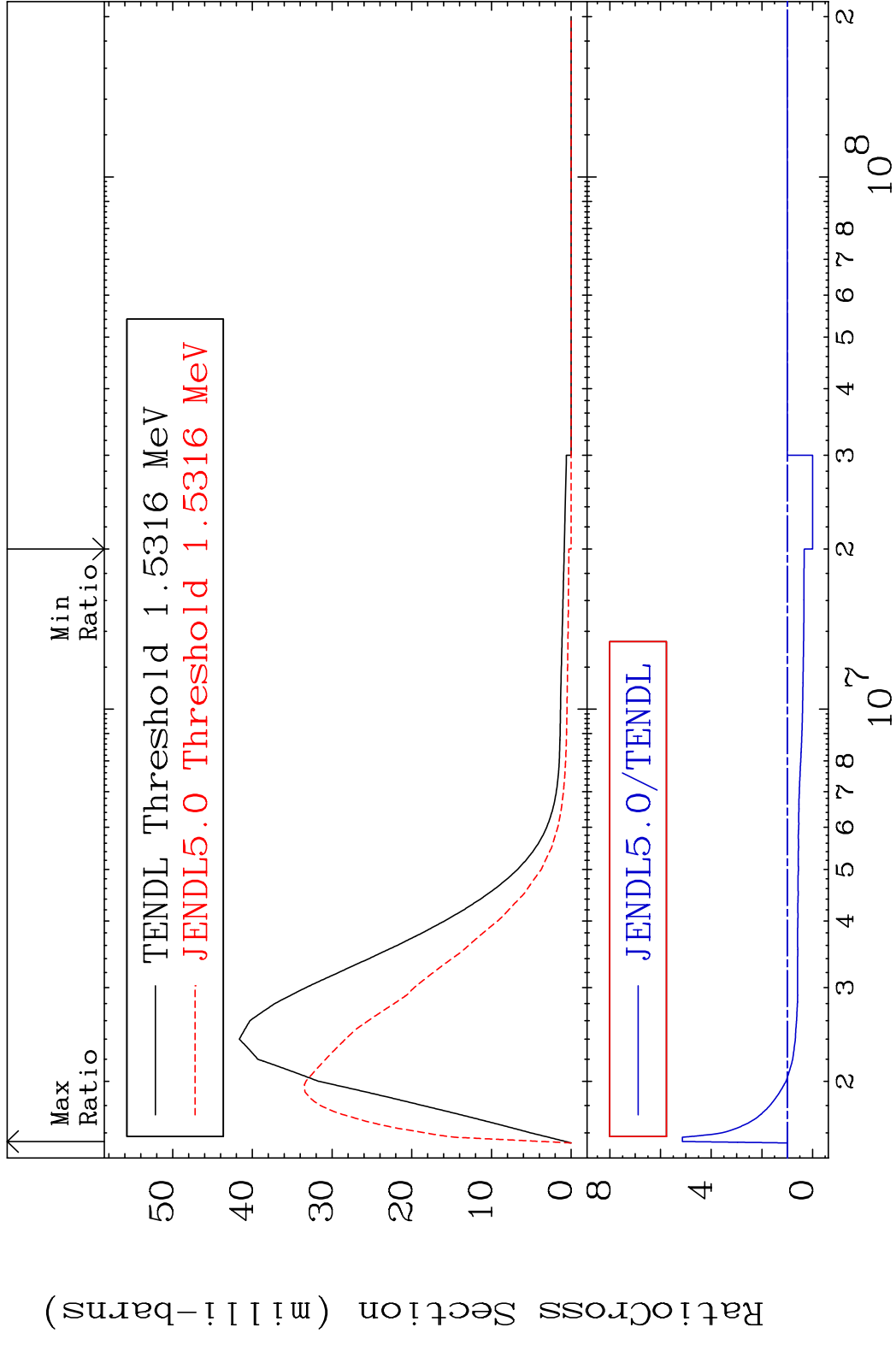
MAT 8043 MT= 58 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 9999. %



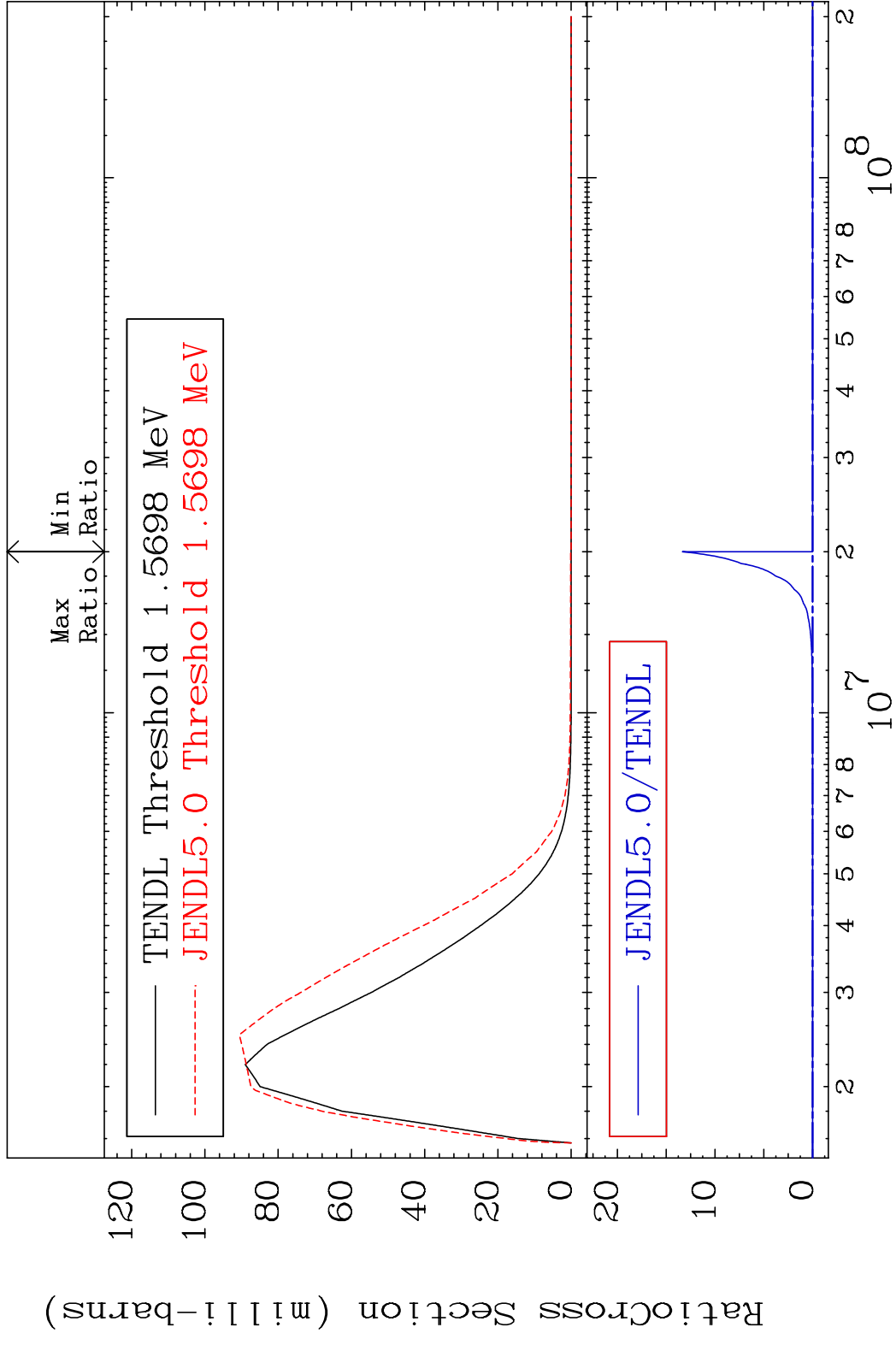
MAT 8043 MT= 59 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 141.5 %



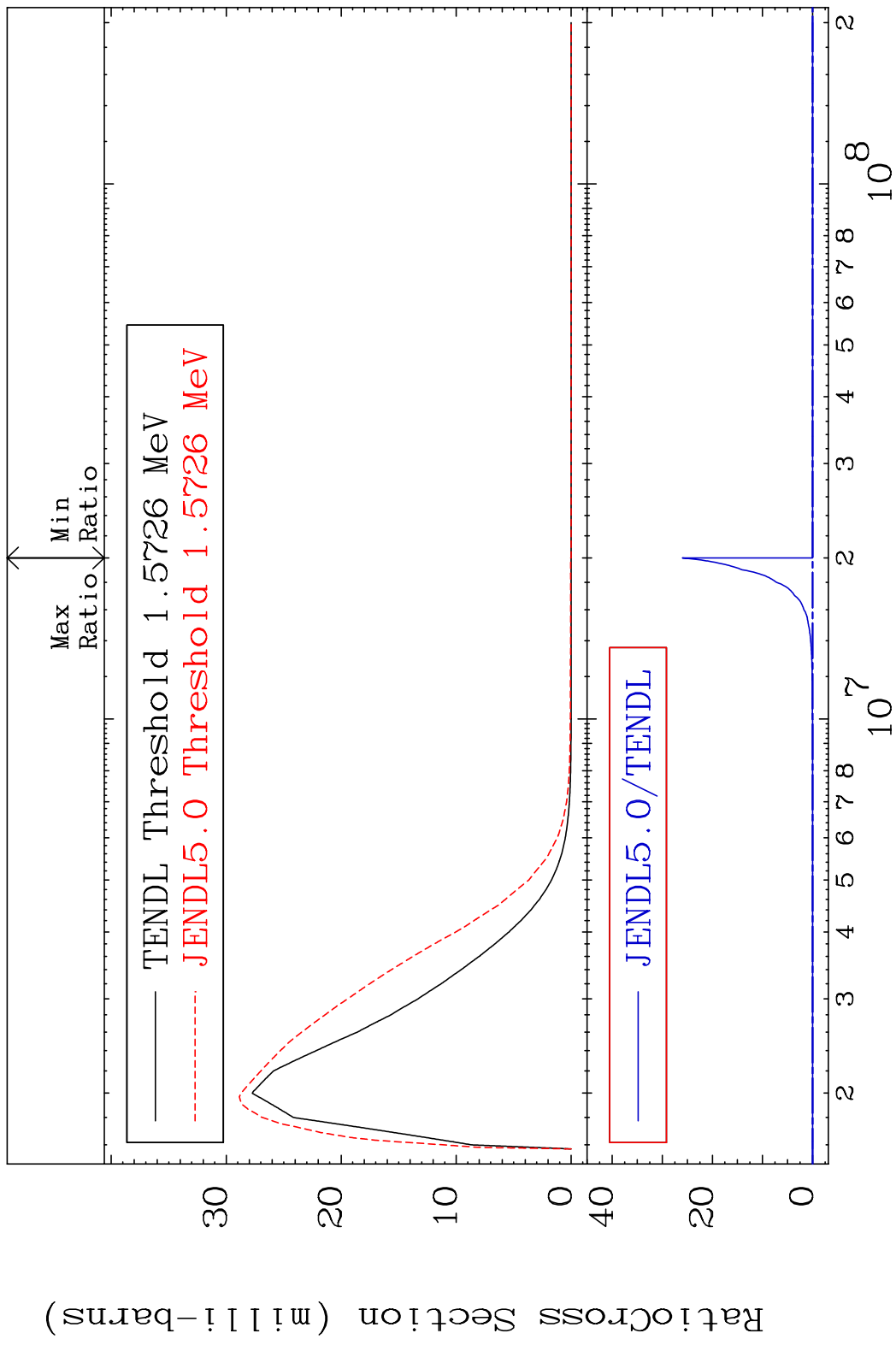
MAT 8043 MT= 60 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 414.0 %



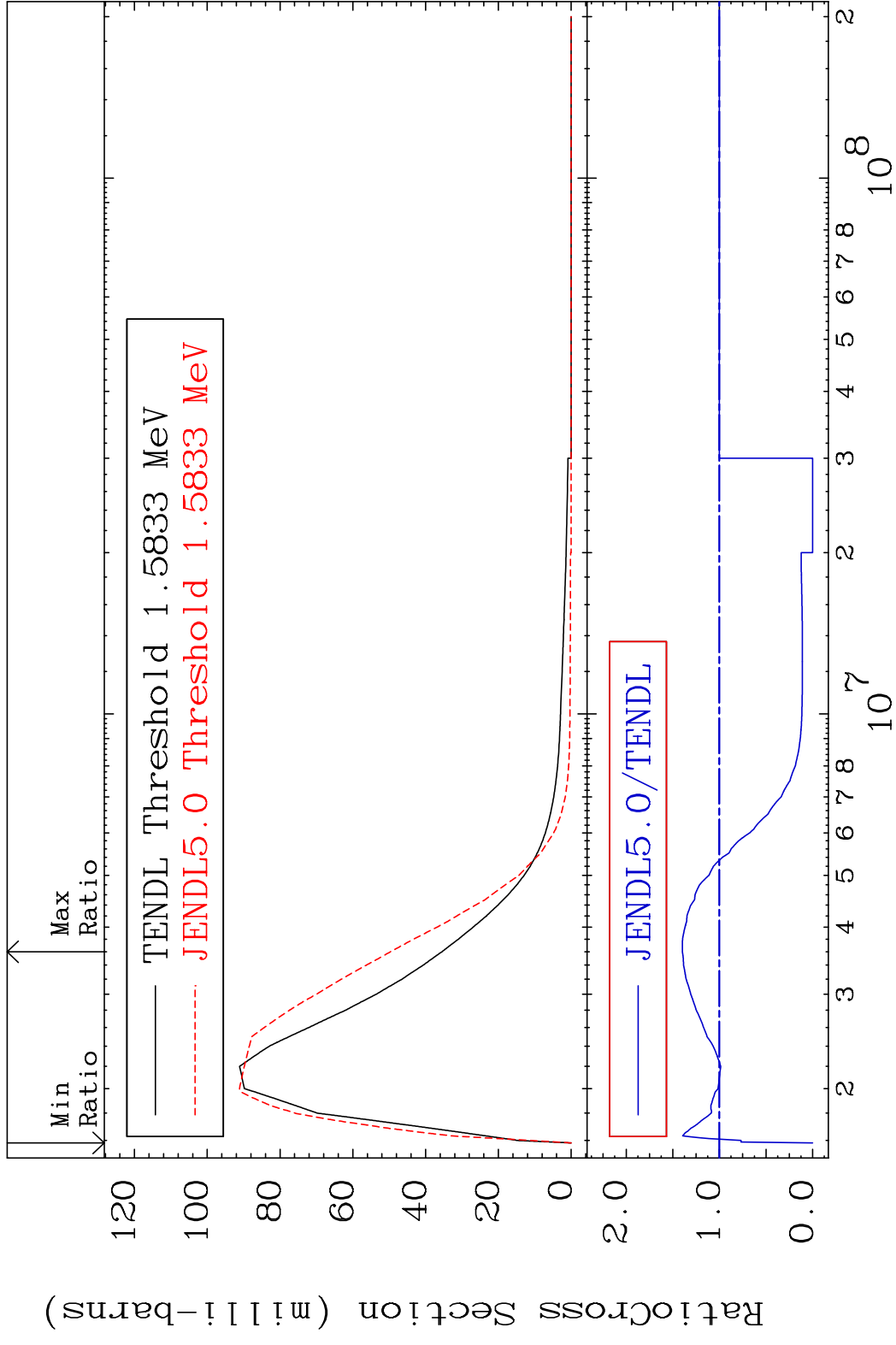
MAT 8043 MT= 61 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 9999. %



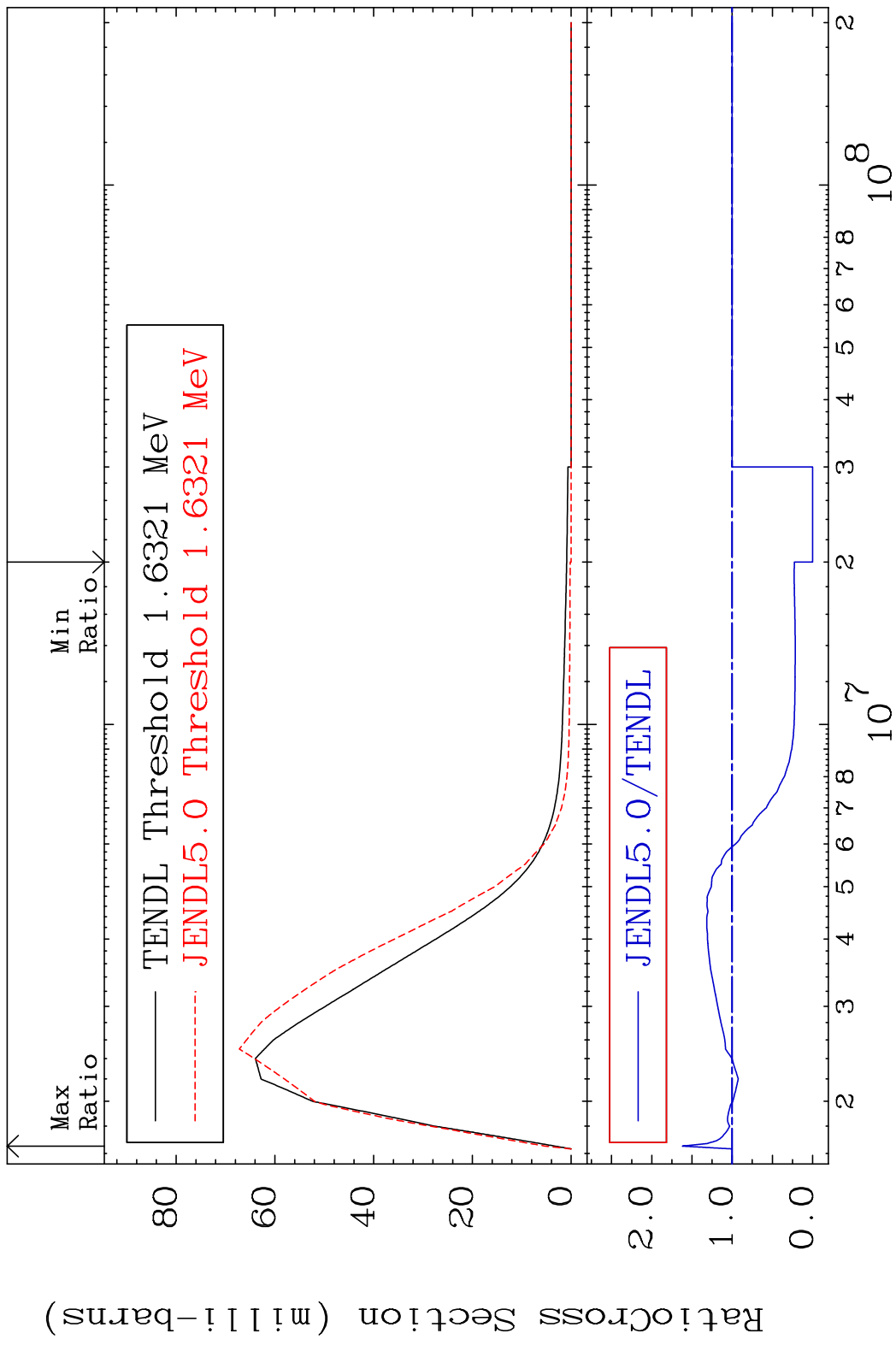
MAT 8043 MT= 62 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 9999. %



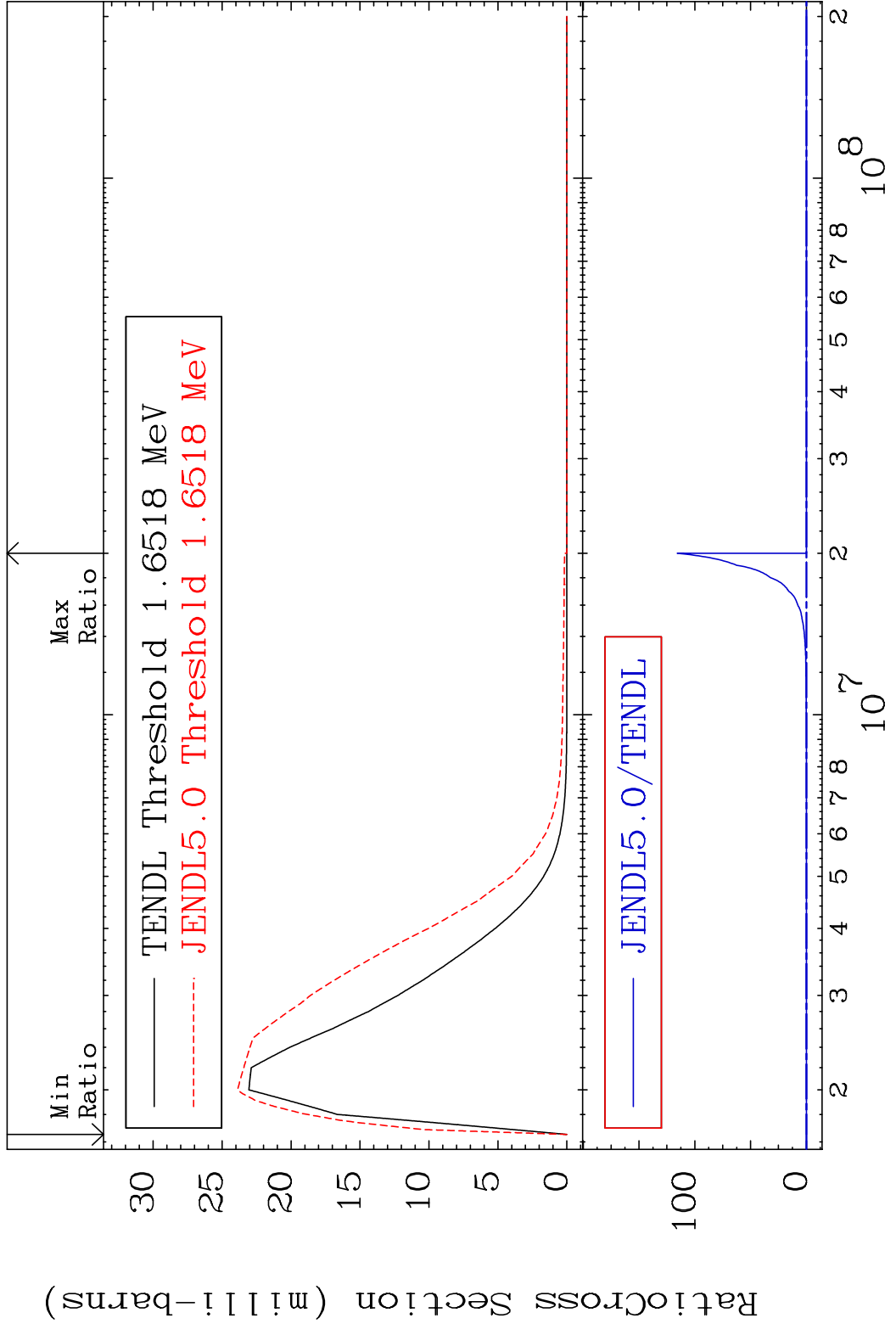
MAT 8043 MT= 63 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 39.78 %



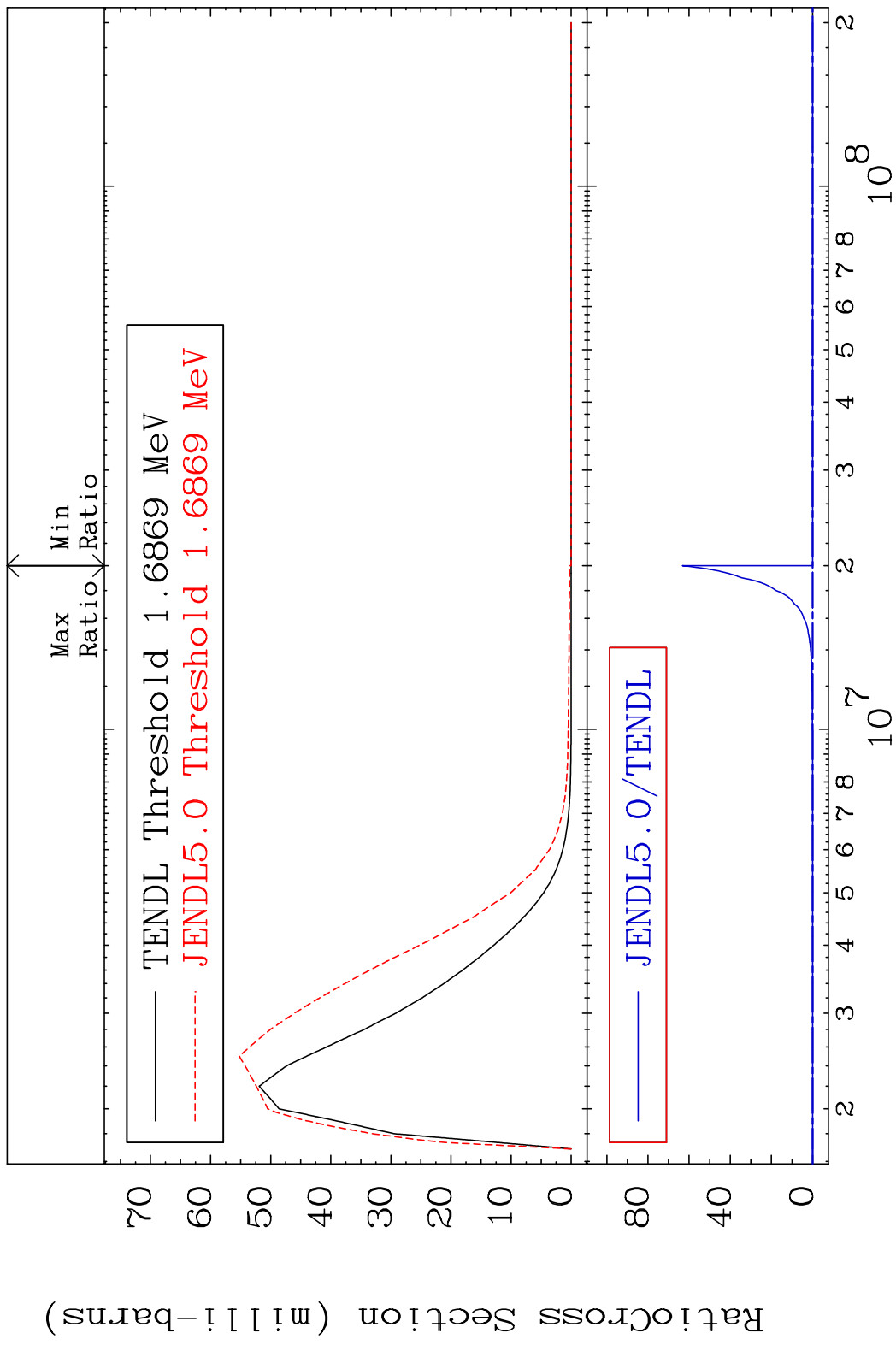
MAT 8043 MT= 64 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 61.96 %



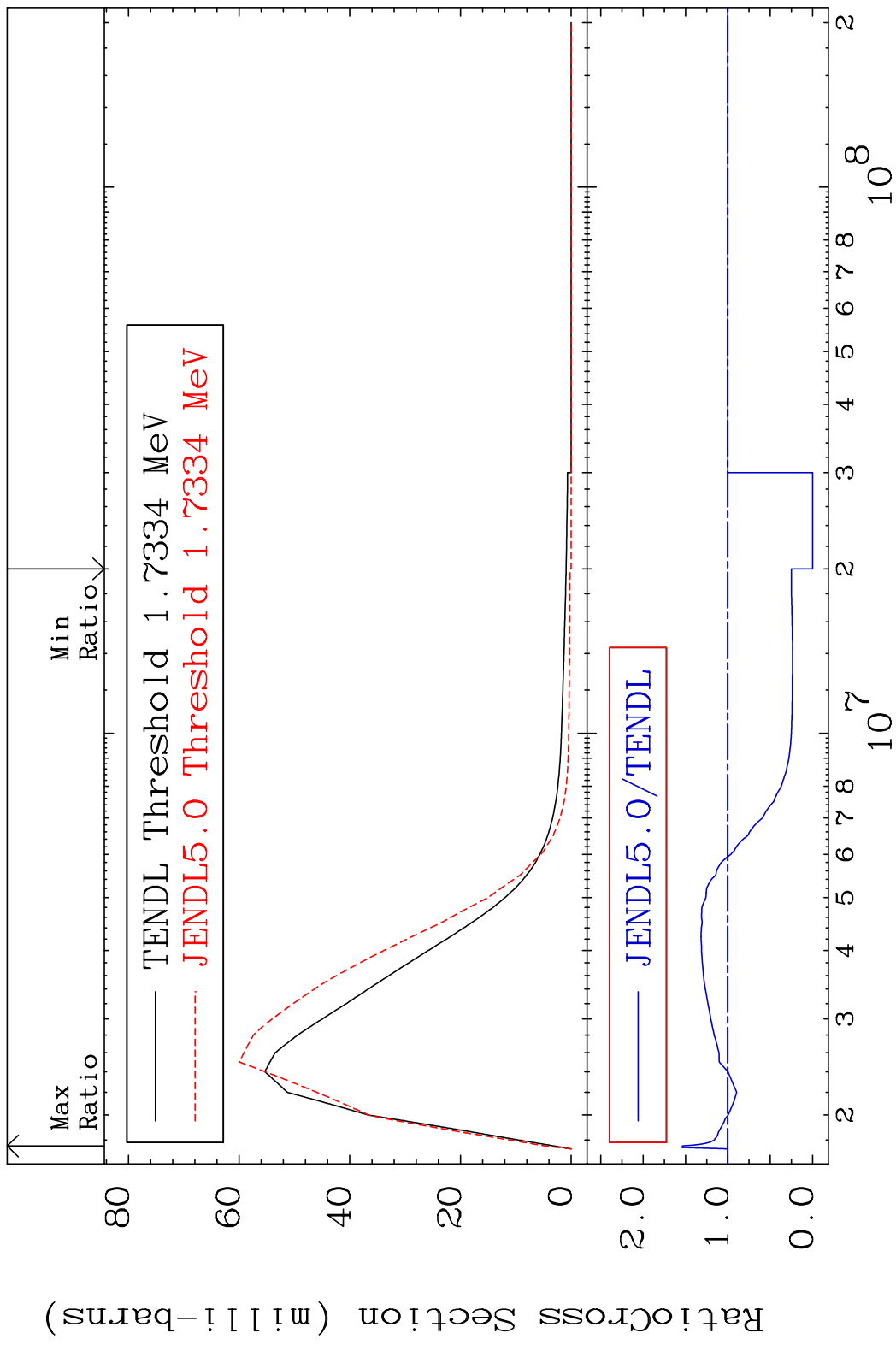
MAT 8043 MT= 65 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 9999. %



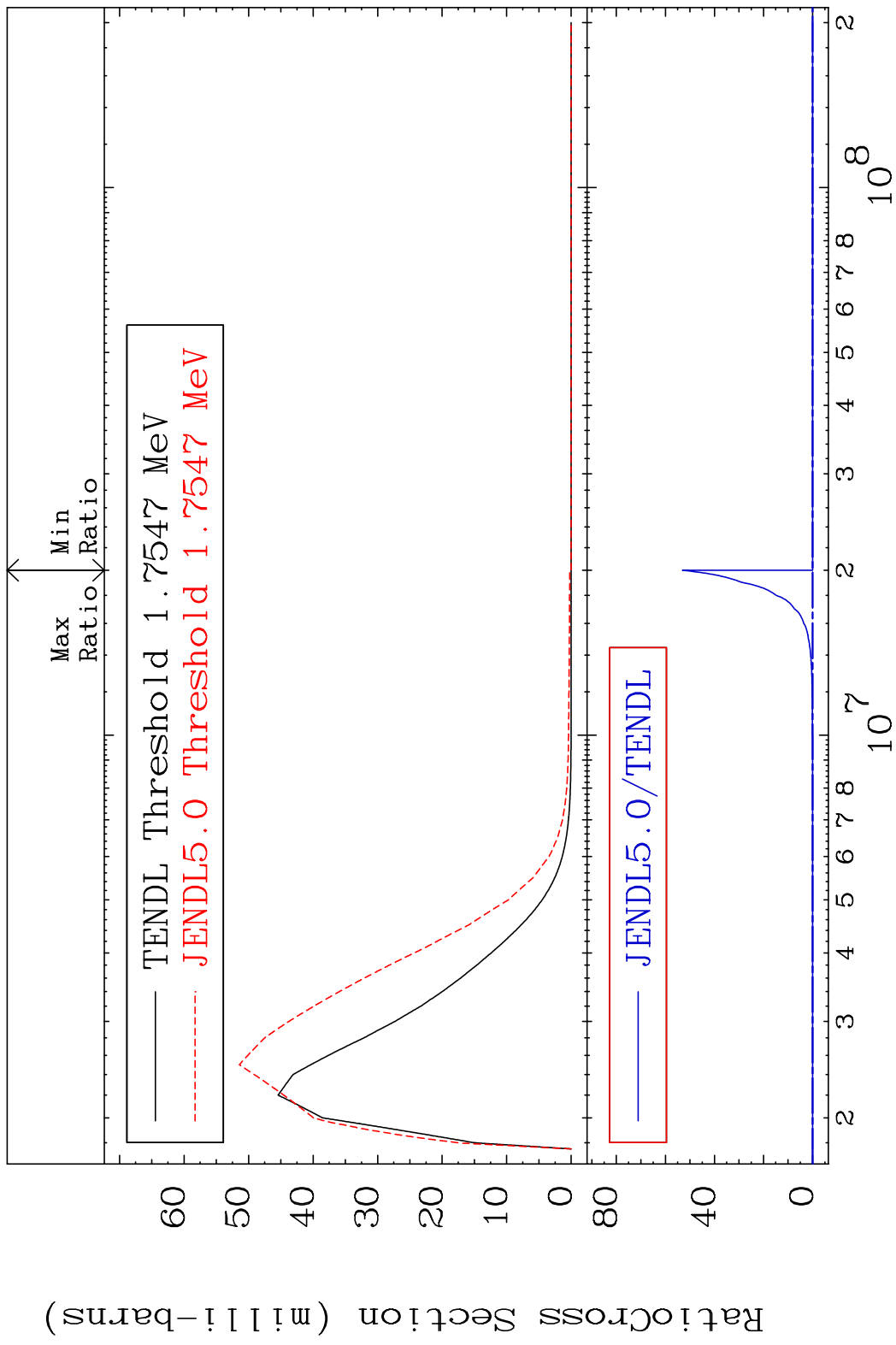
MAT 8043 MT= 66 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 9999. %



MAT 8043 MT= 67 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 53.75 %

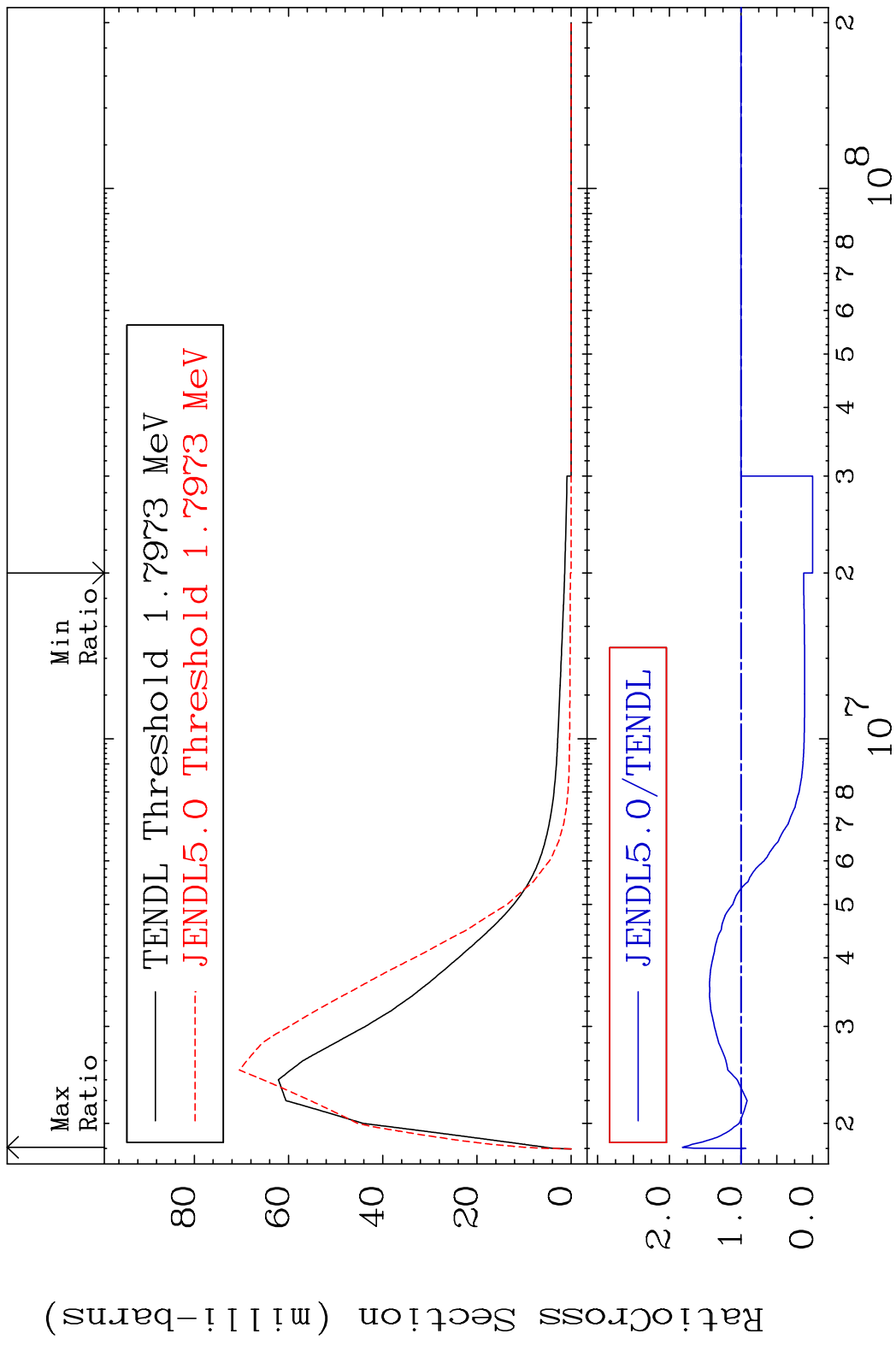


MAT 8043 MT= 68 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 9999. %

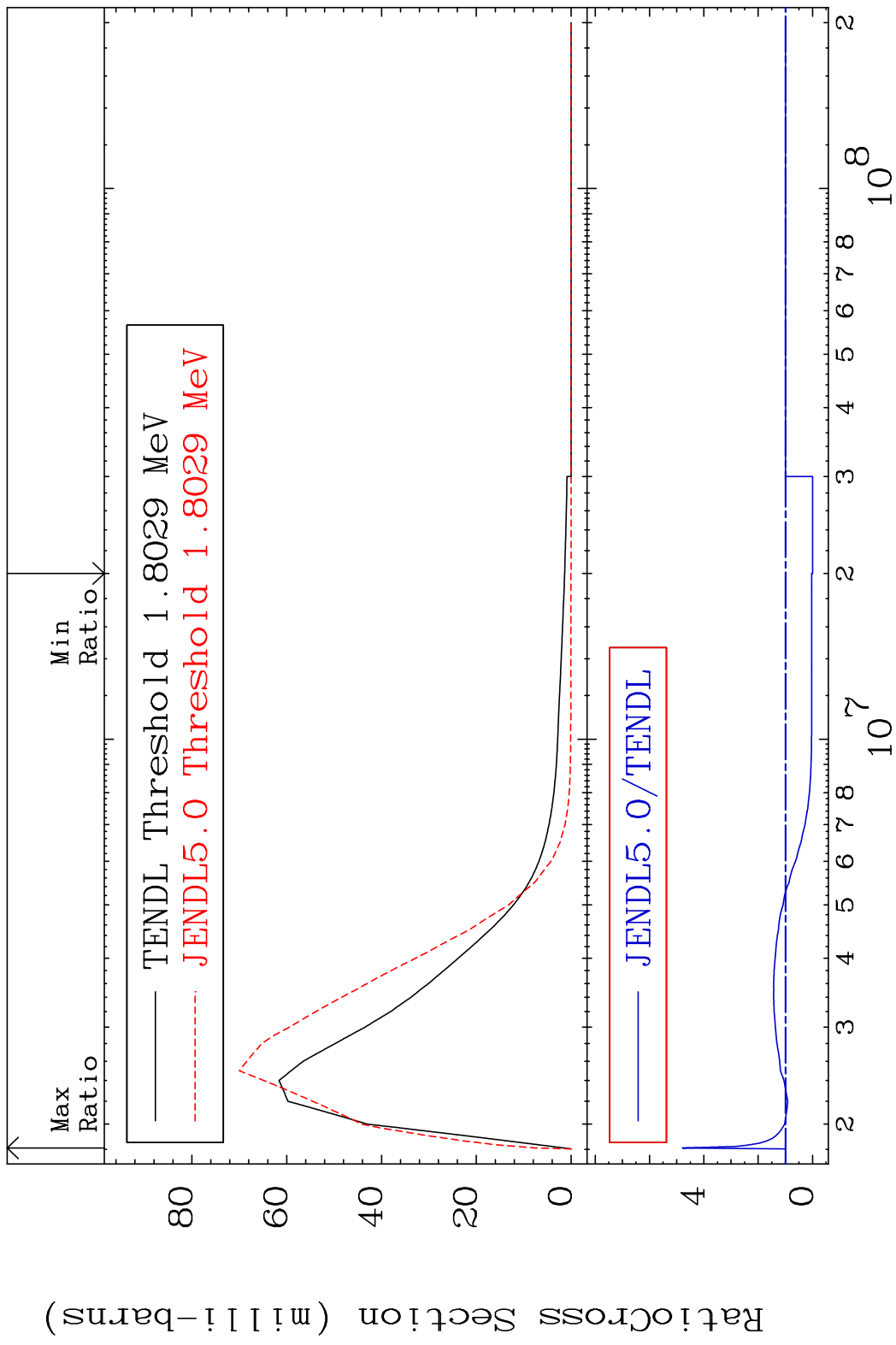


28 Incident Energy (eV) 80-Hg-202

MAT 8043 MT= 69 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 81.76 %

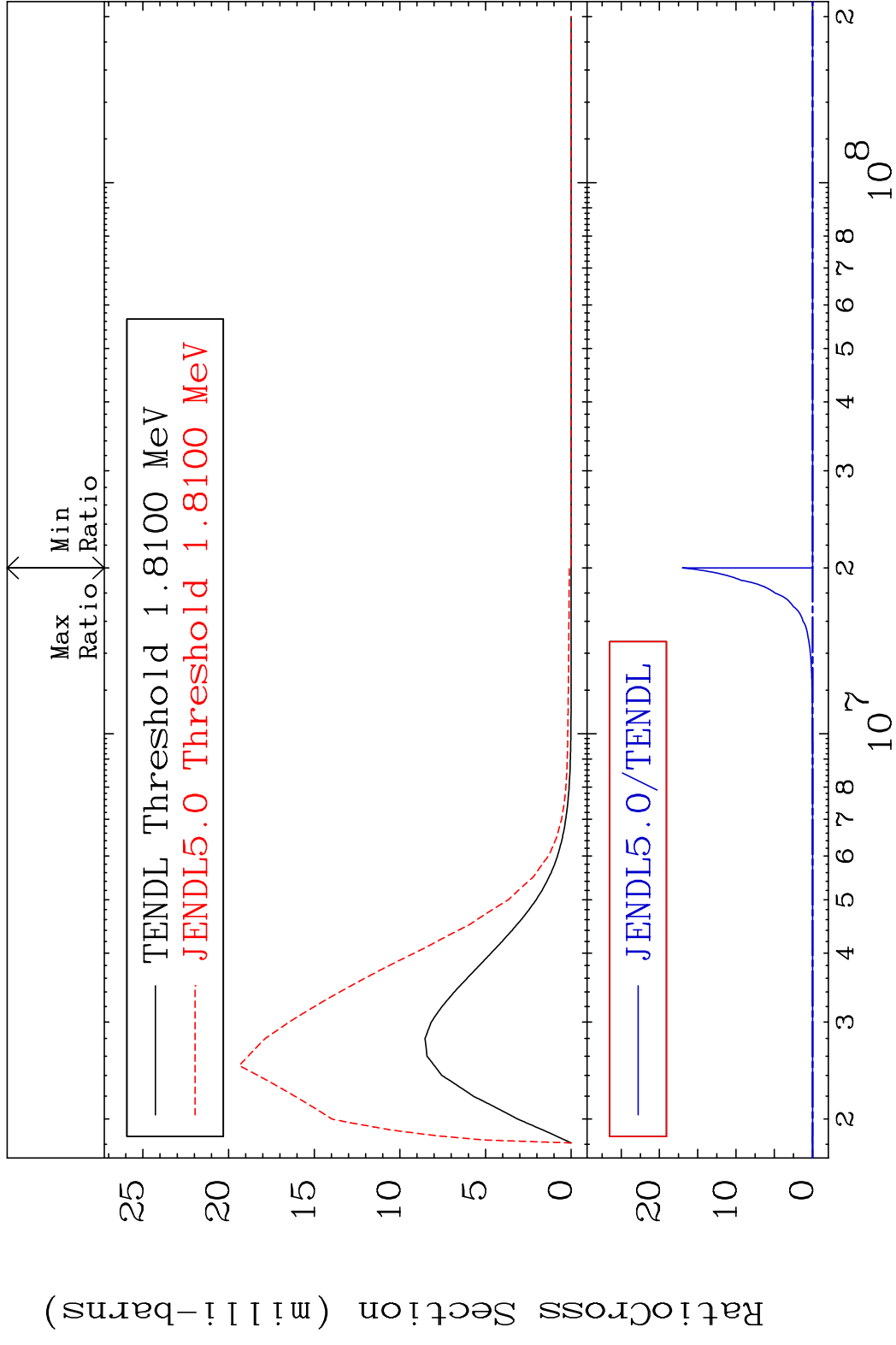


MAT 8043 MT= 70 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 379.2 %

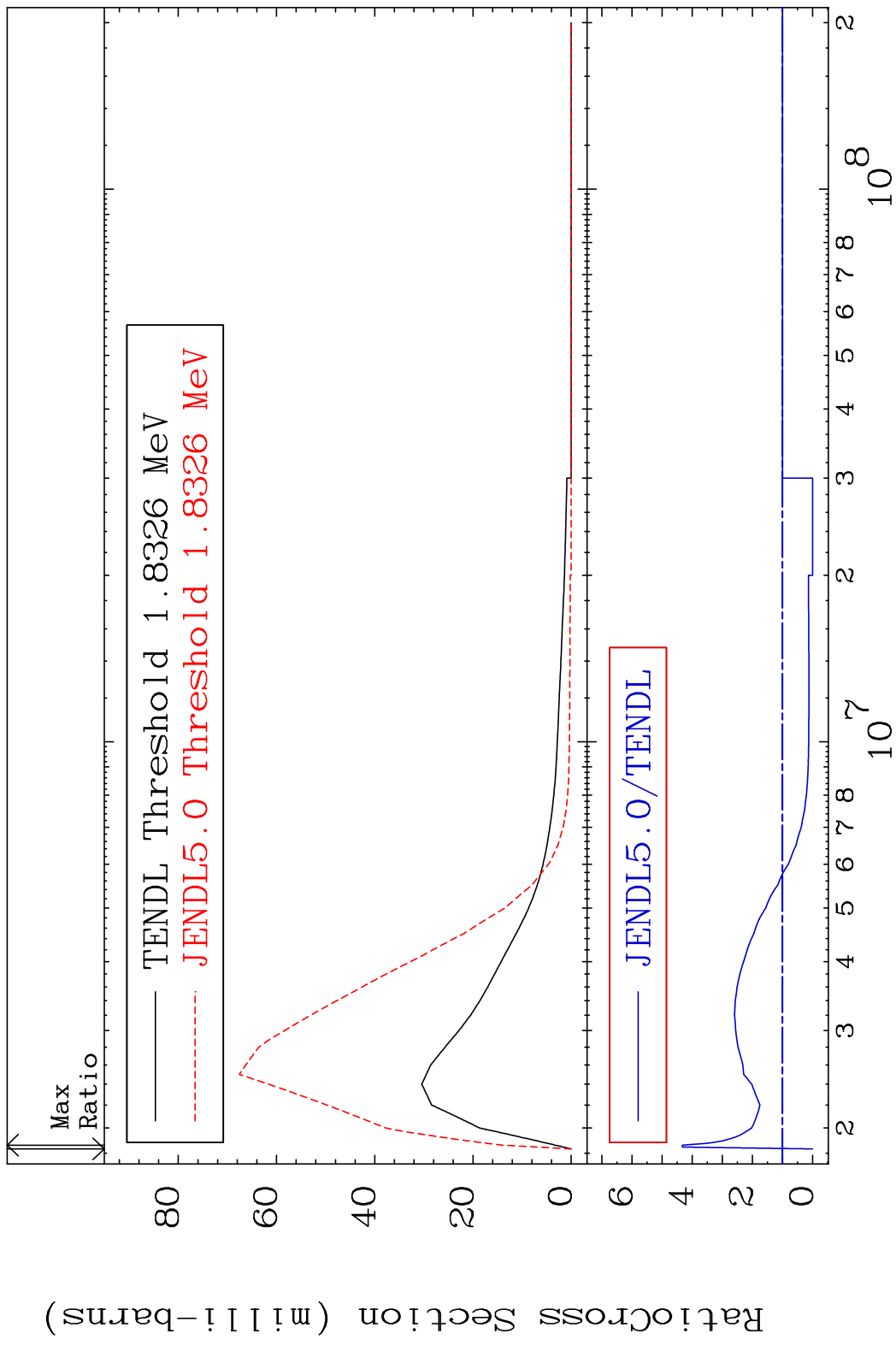


30 Incident Energy (eV) 80-Hg-202

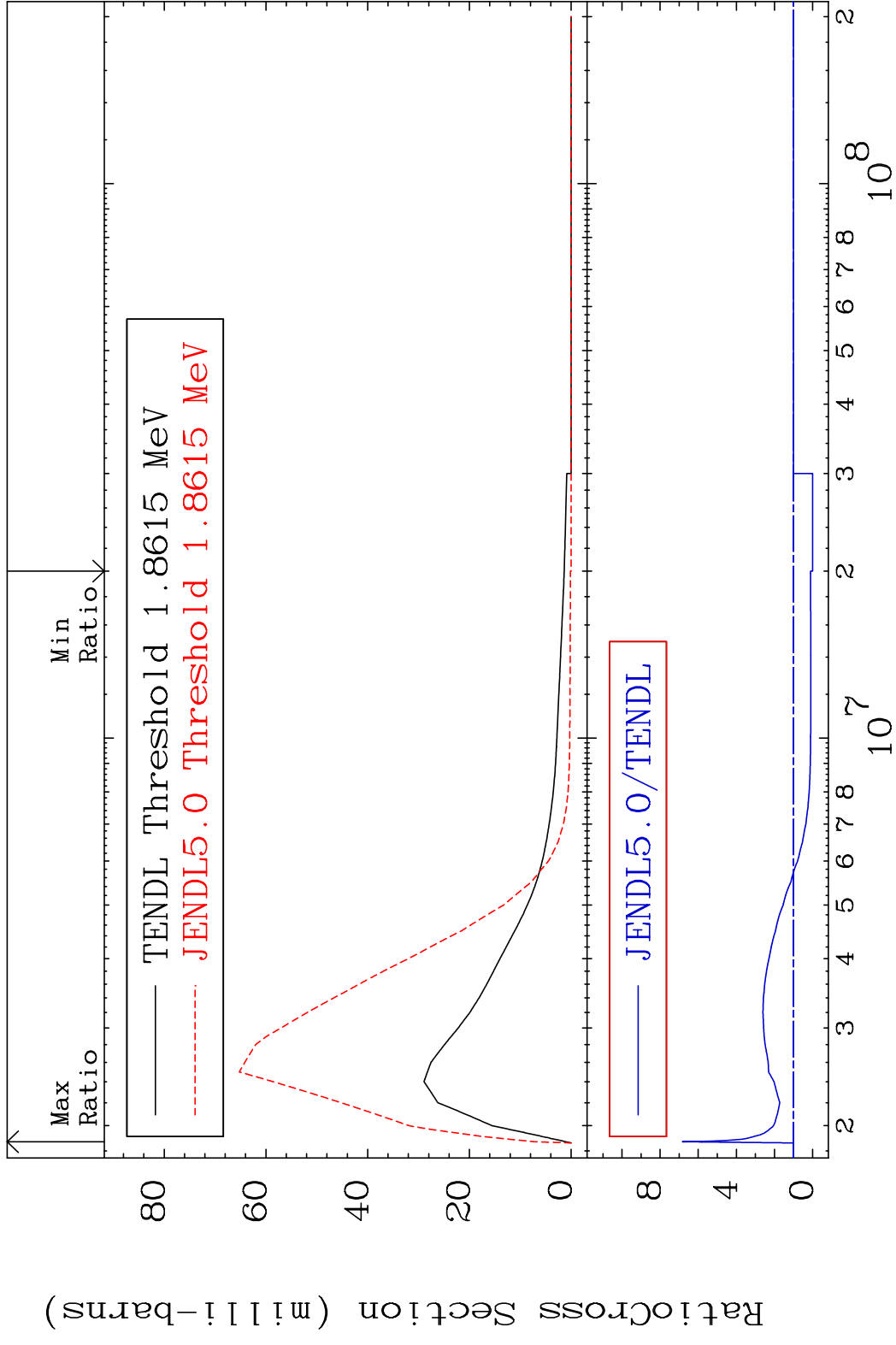
MAT 8043 MT= 71 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 9999. %



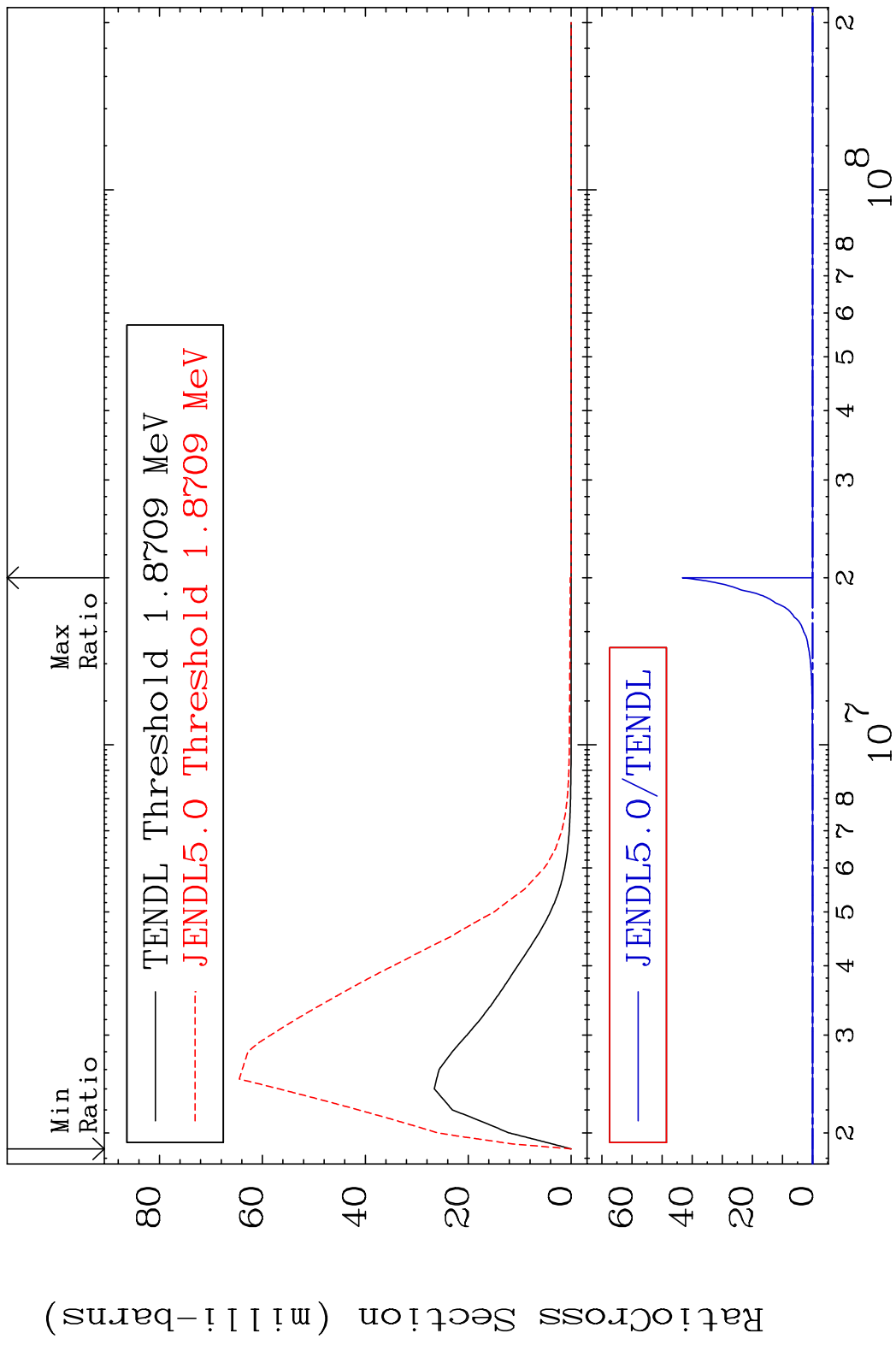
MAT 8043 MT= 72 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 332.7 %



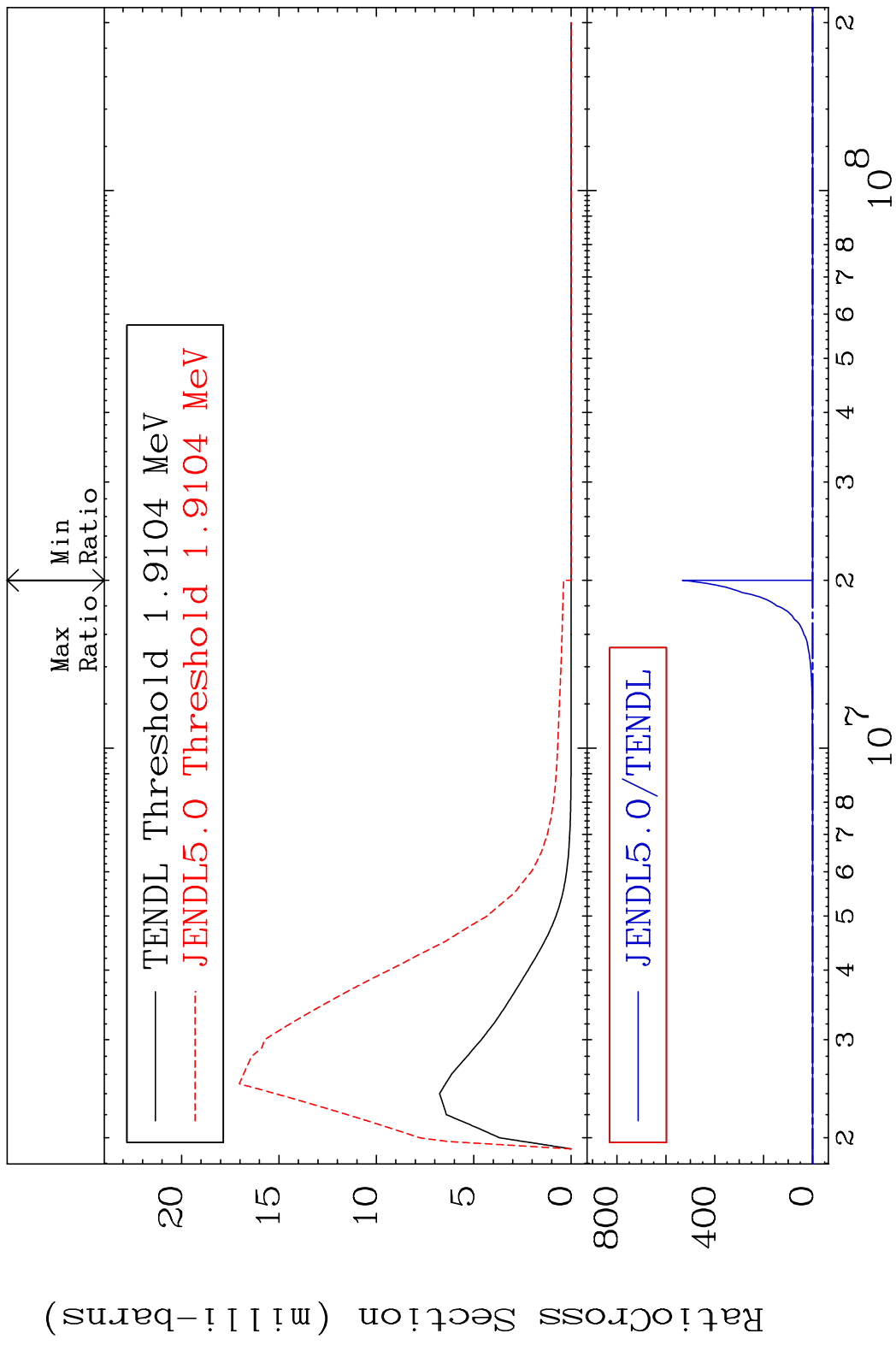
MAT 8043 MT= 73 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 583.4 %



MAT 8043 MT= 74 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 9999. %

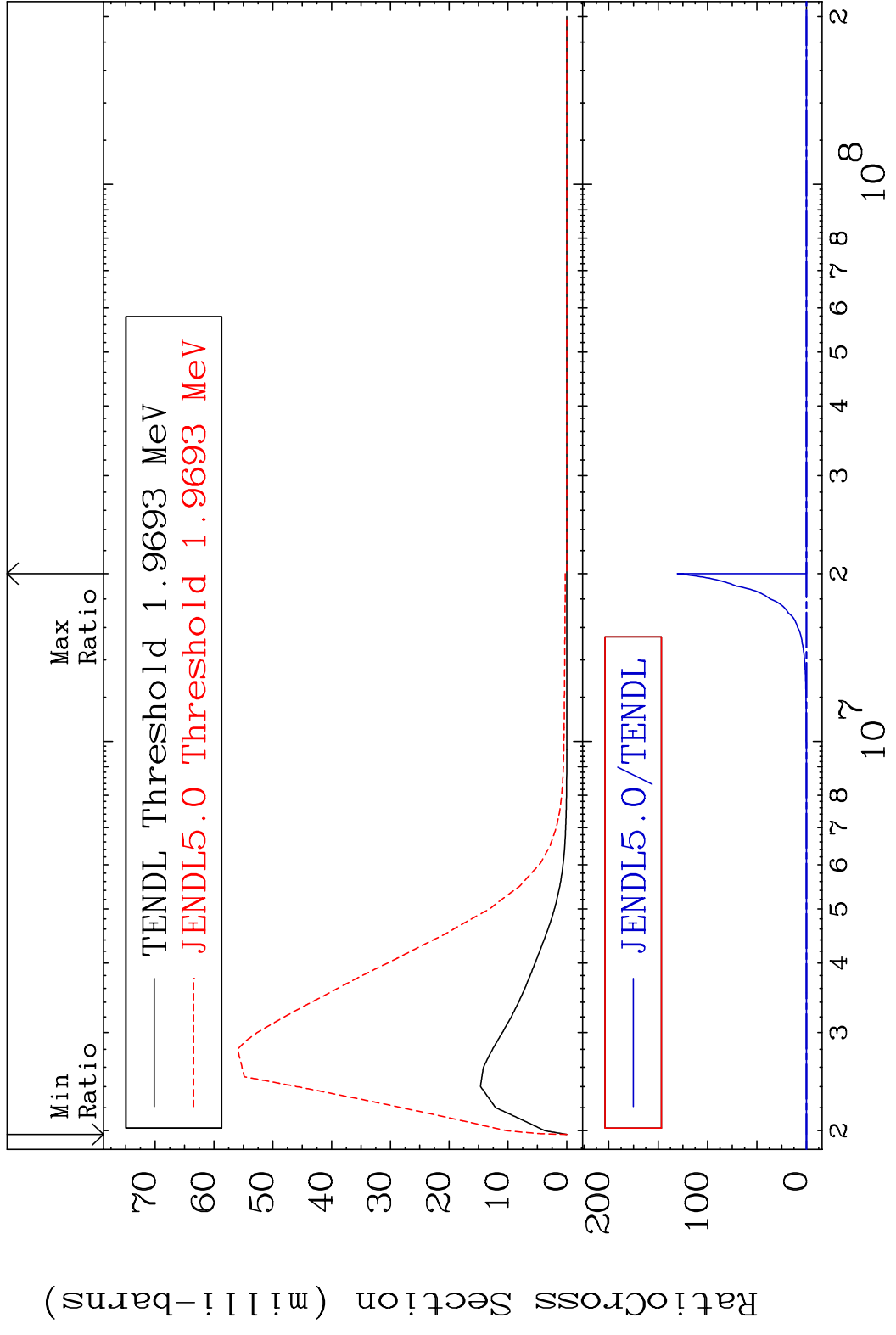


MAT 8043 MT= 75 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 9999. %

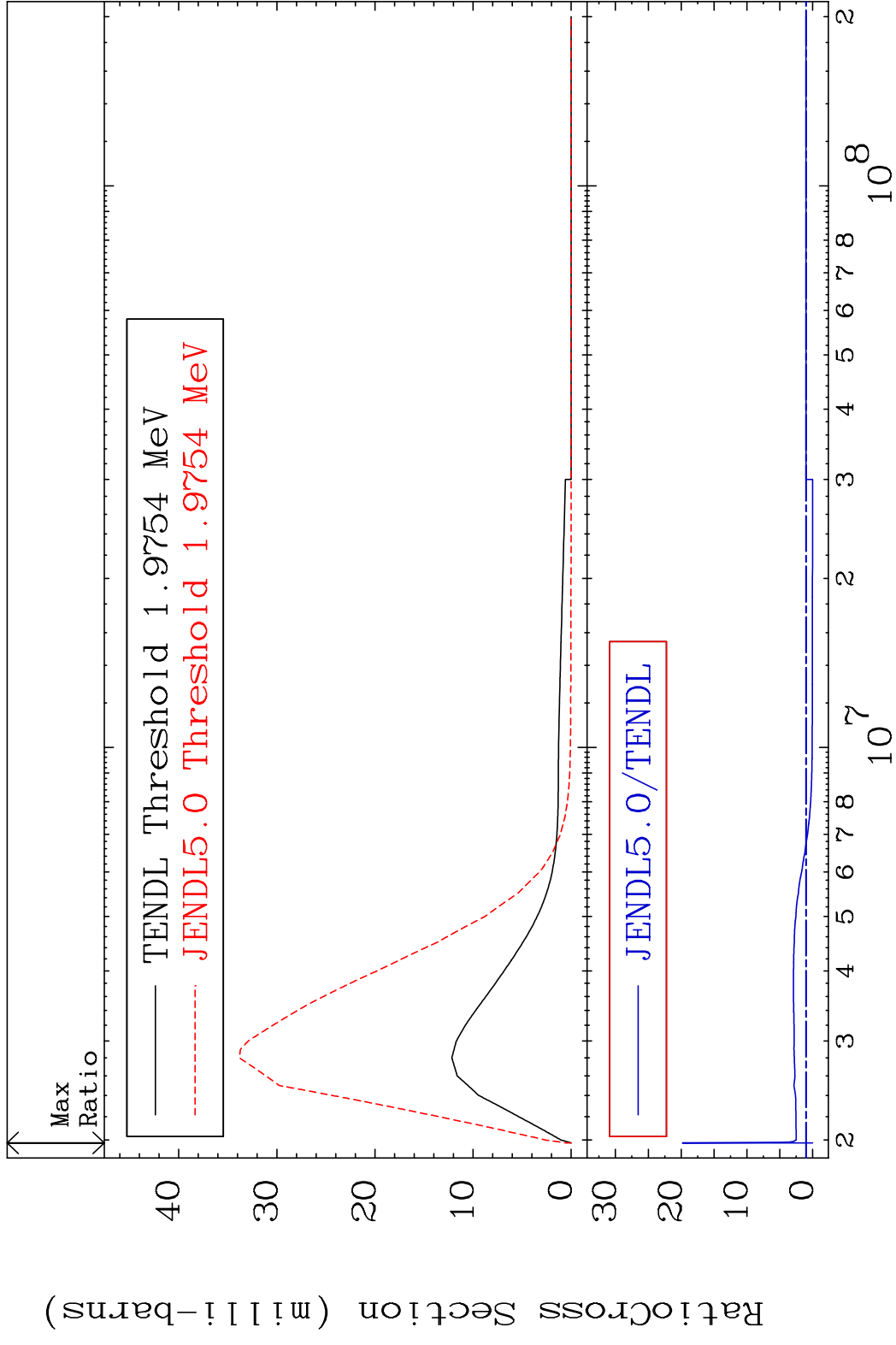


35 Incident Energy (eV) 80-Hg-202

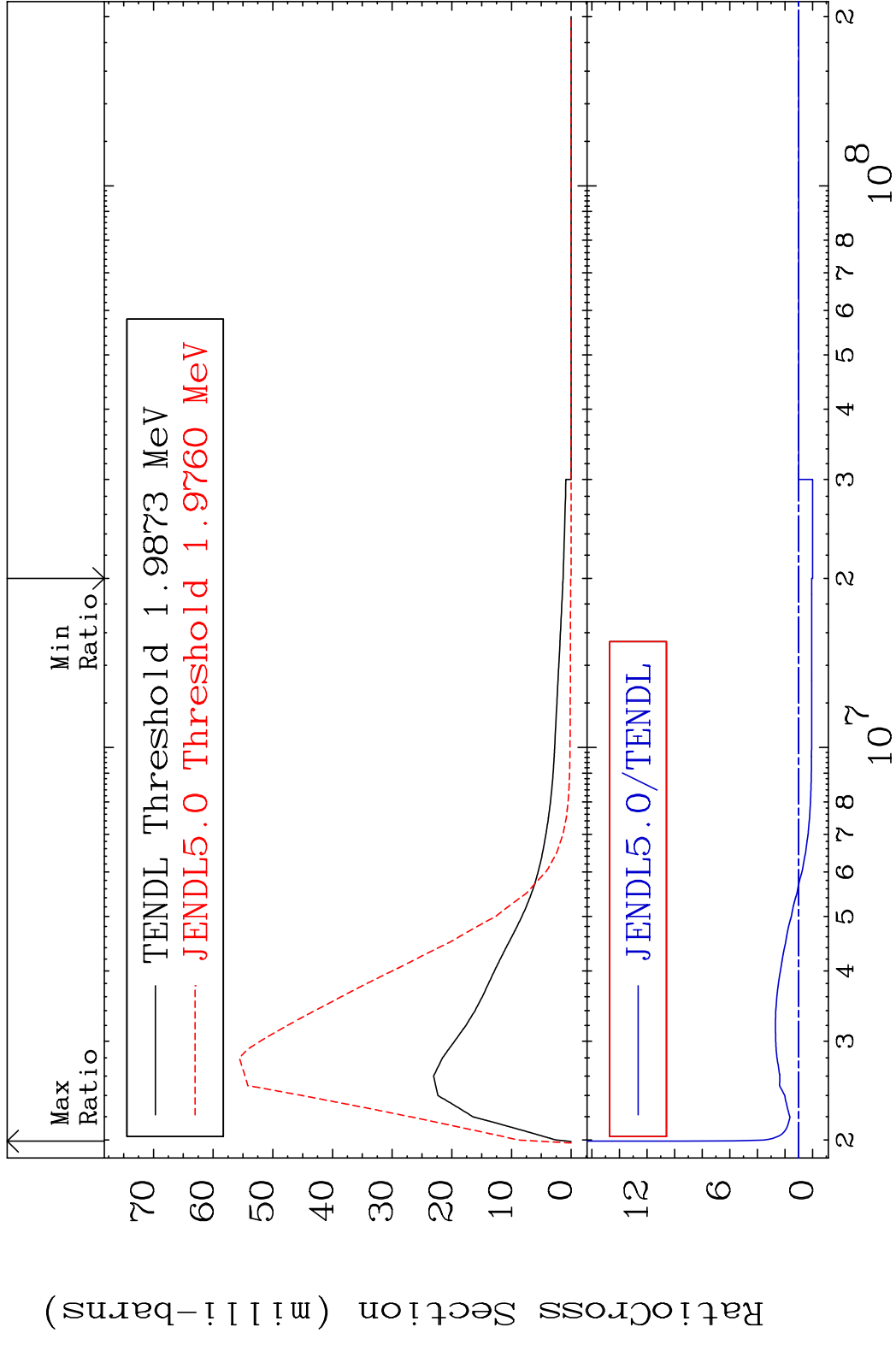
MAT 8043 MT= 76 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 9999. %



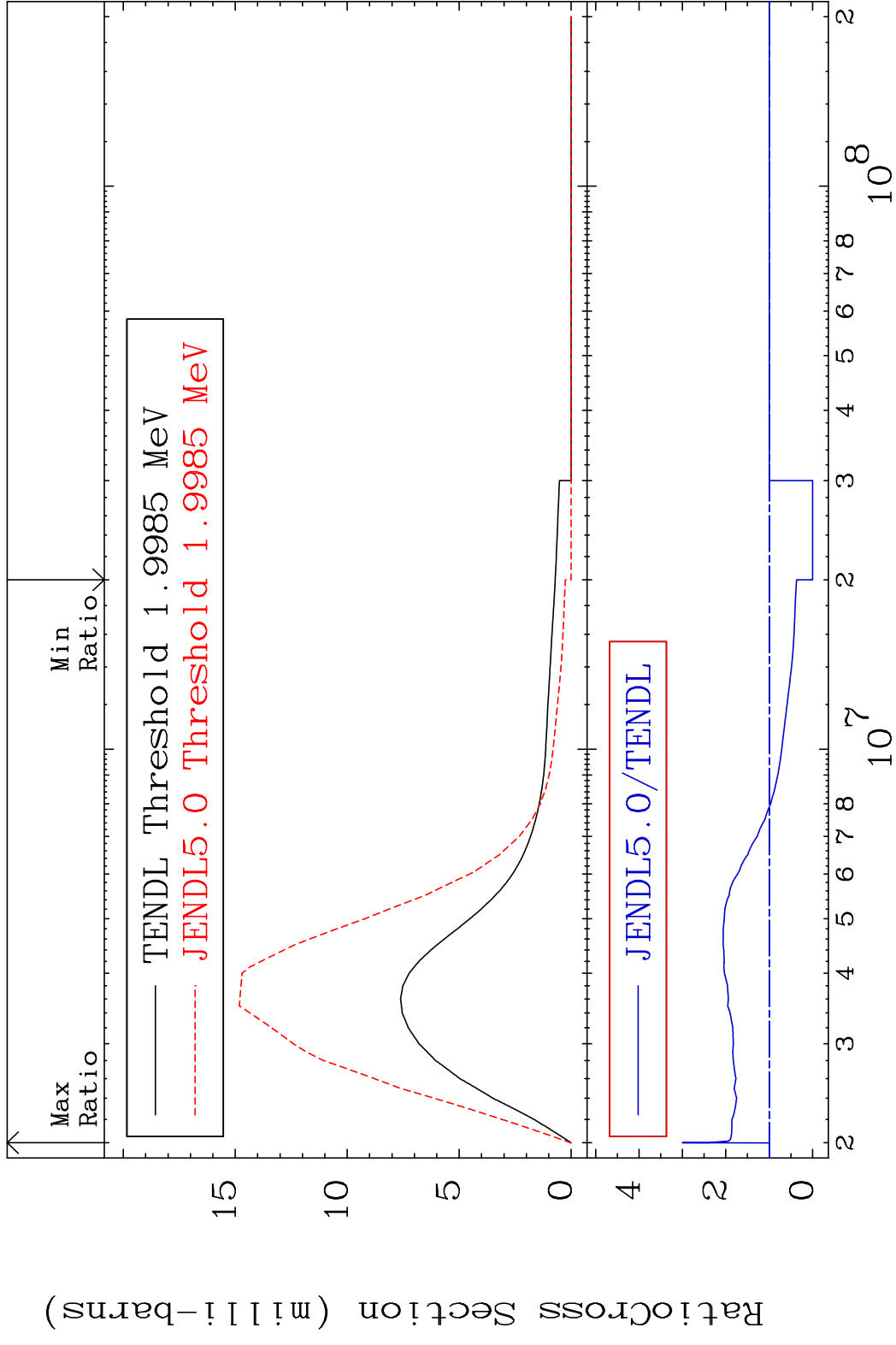
MAT 8043 MT= 77 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 1882. %



MAT 8043 MT= 78 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 843.5 %

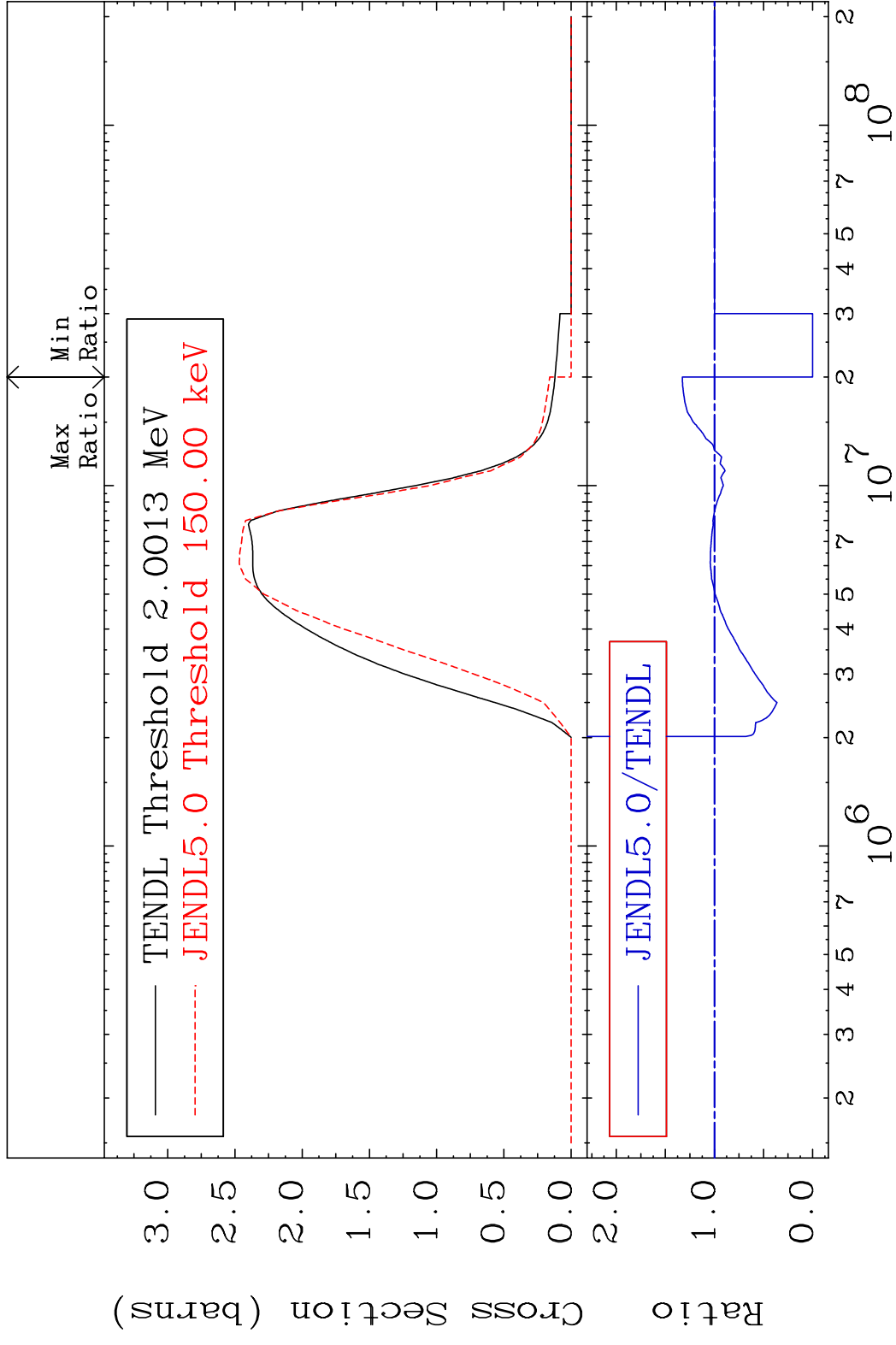


MAT 8043 MT= 79 (n, n') Level 80-Hg-202  
 Cross Section -100.0 To 200.2 %



39 Incident Energy (eV) 80-Hg-202

MAT 8043 (n,n') Continuum 80-Hg-202  
 Cross Section -100.0 To 32.70 %

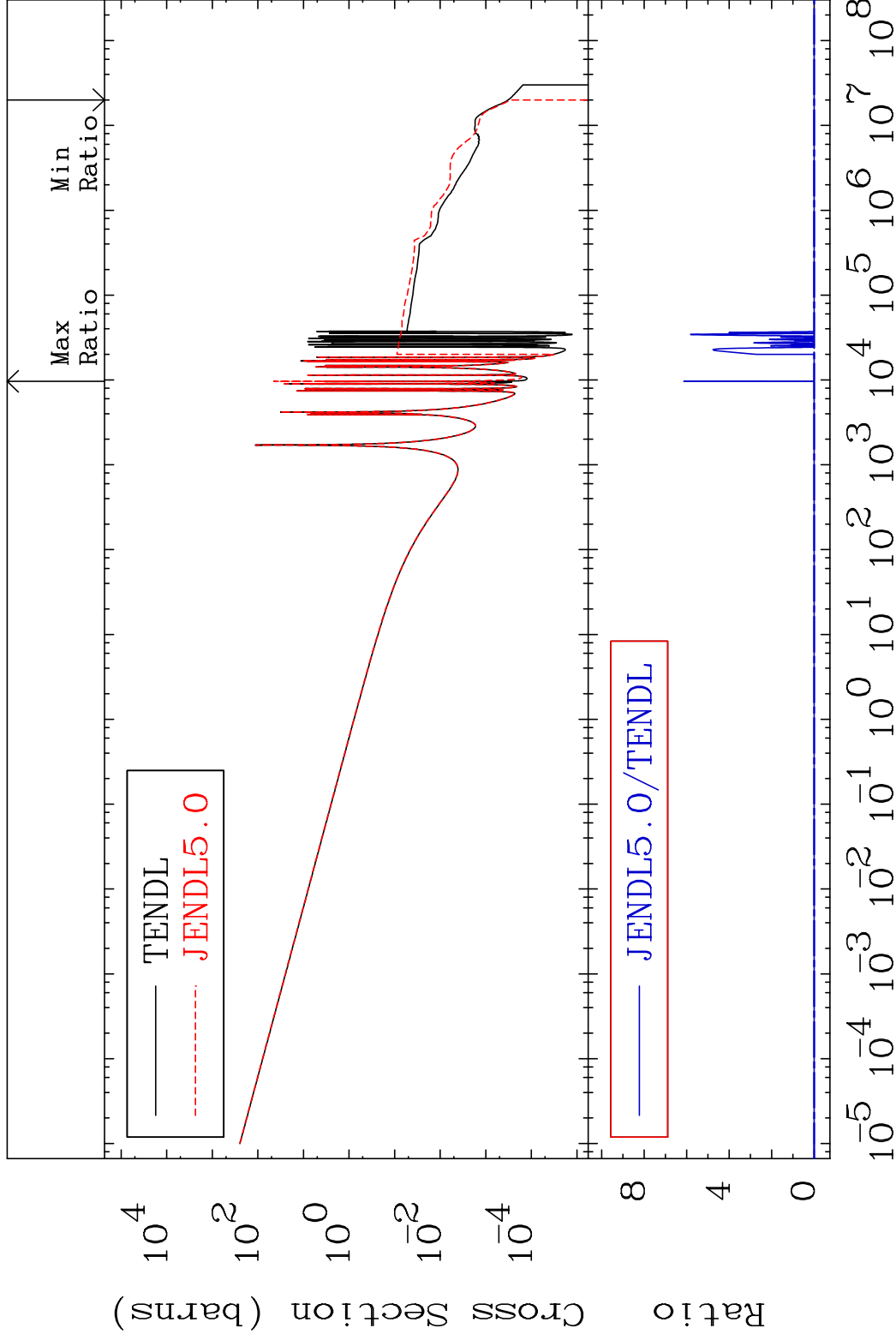


MAT 8043

(n,  $\gamma$ )

80-Hg-202

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

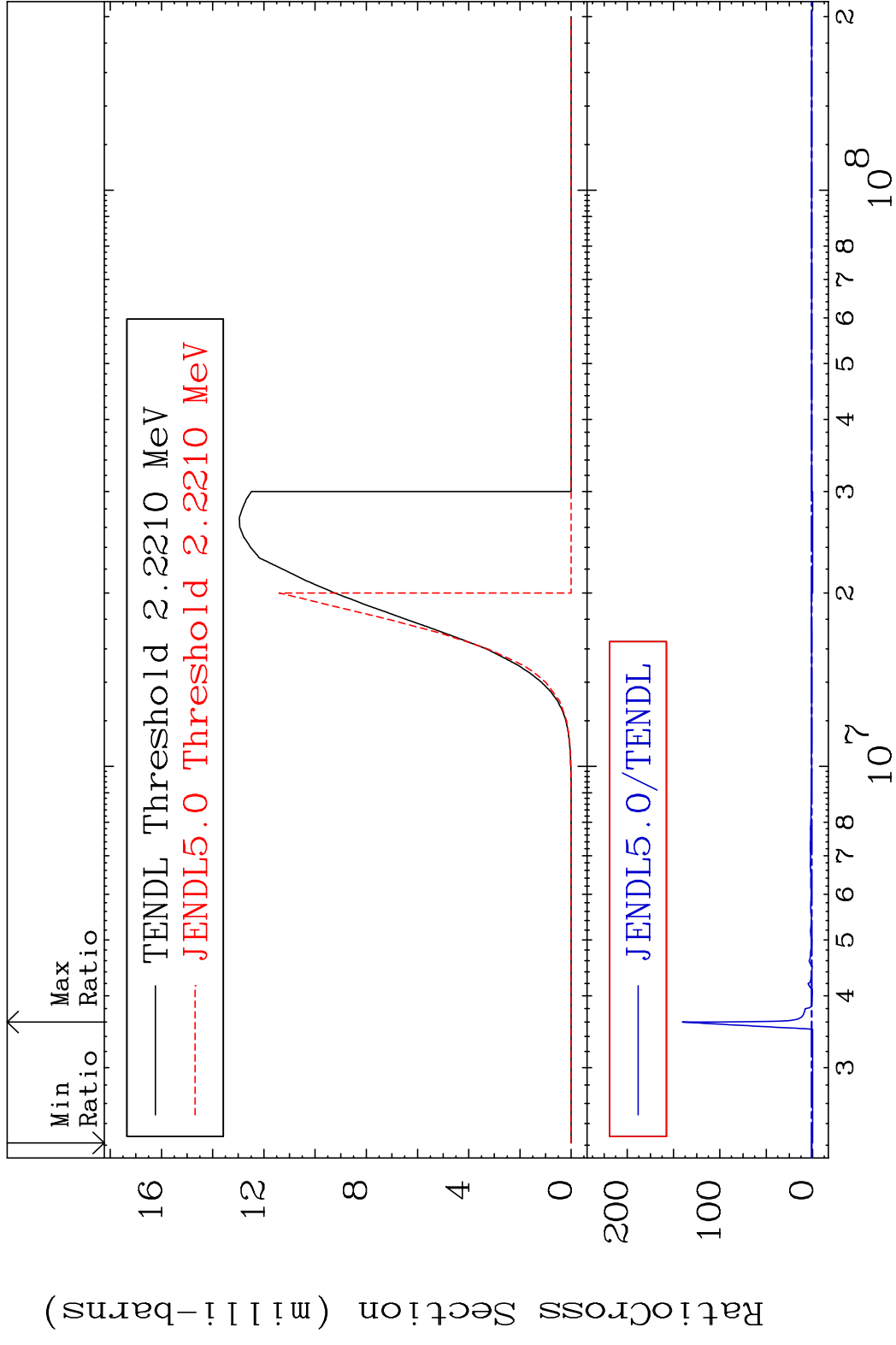
80-Hg-202

MAT 8043

(n, p)

80-Hg-202

Cross Section -100.0 To 9999. %

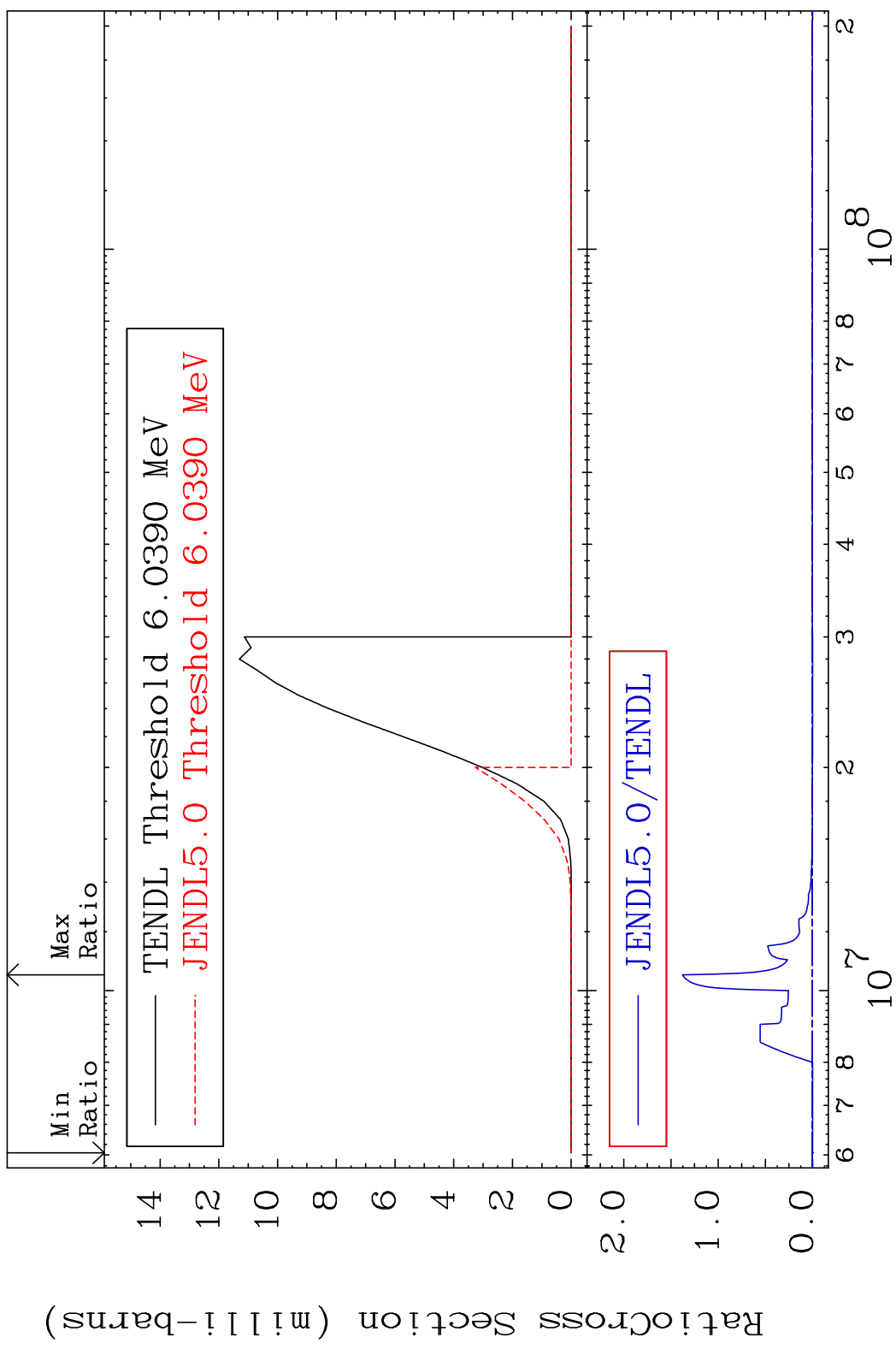


MAT 8043

(n,d)

80-Hg-202

Cross Section -100.0 To 9999. %

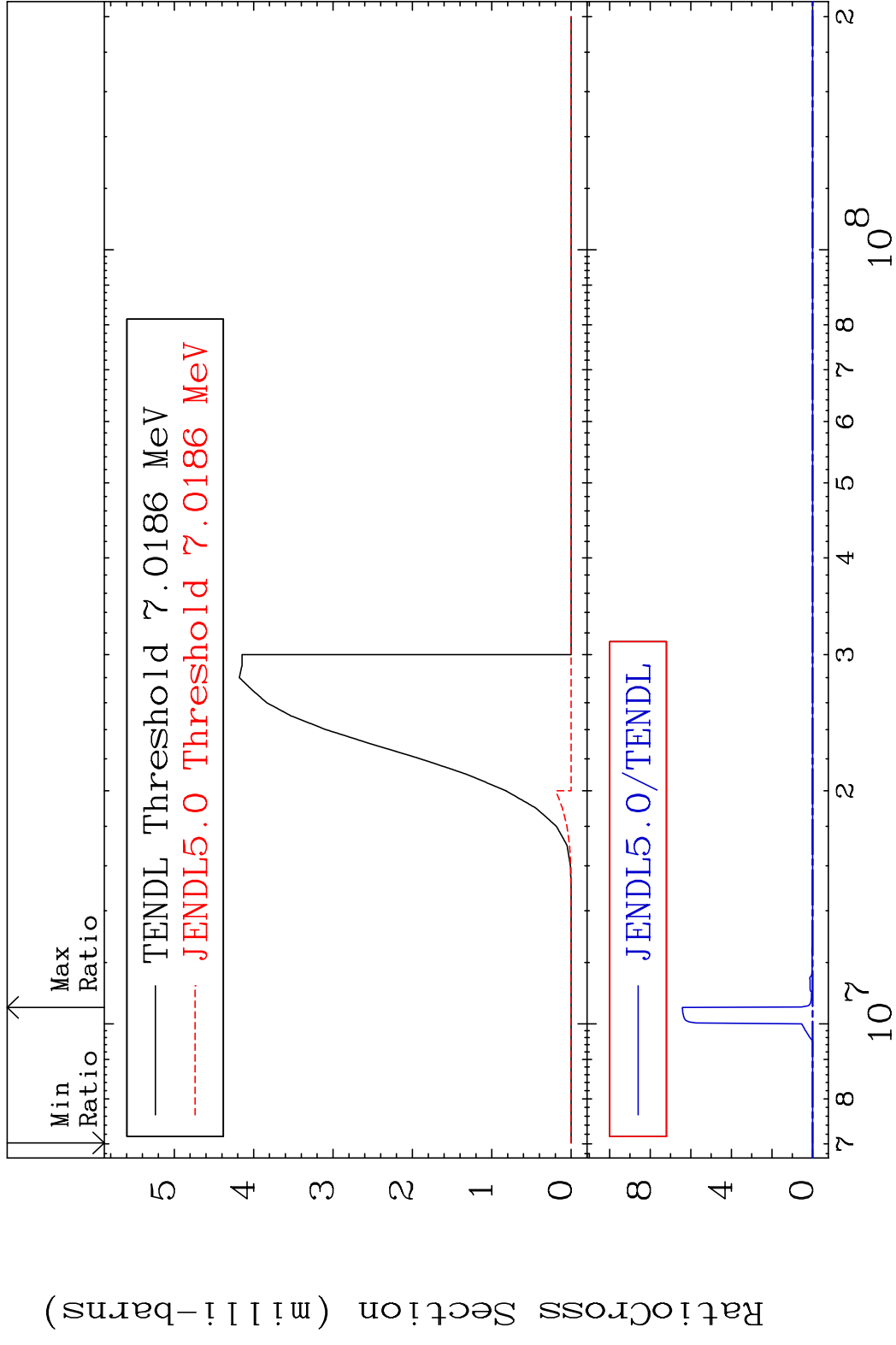


43

Incident Energy (eV)

80-Hg-202

MAT 8043 (n, t) 80-Hg-202  
 Cross Section -100.0 To 9999. %

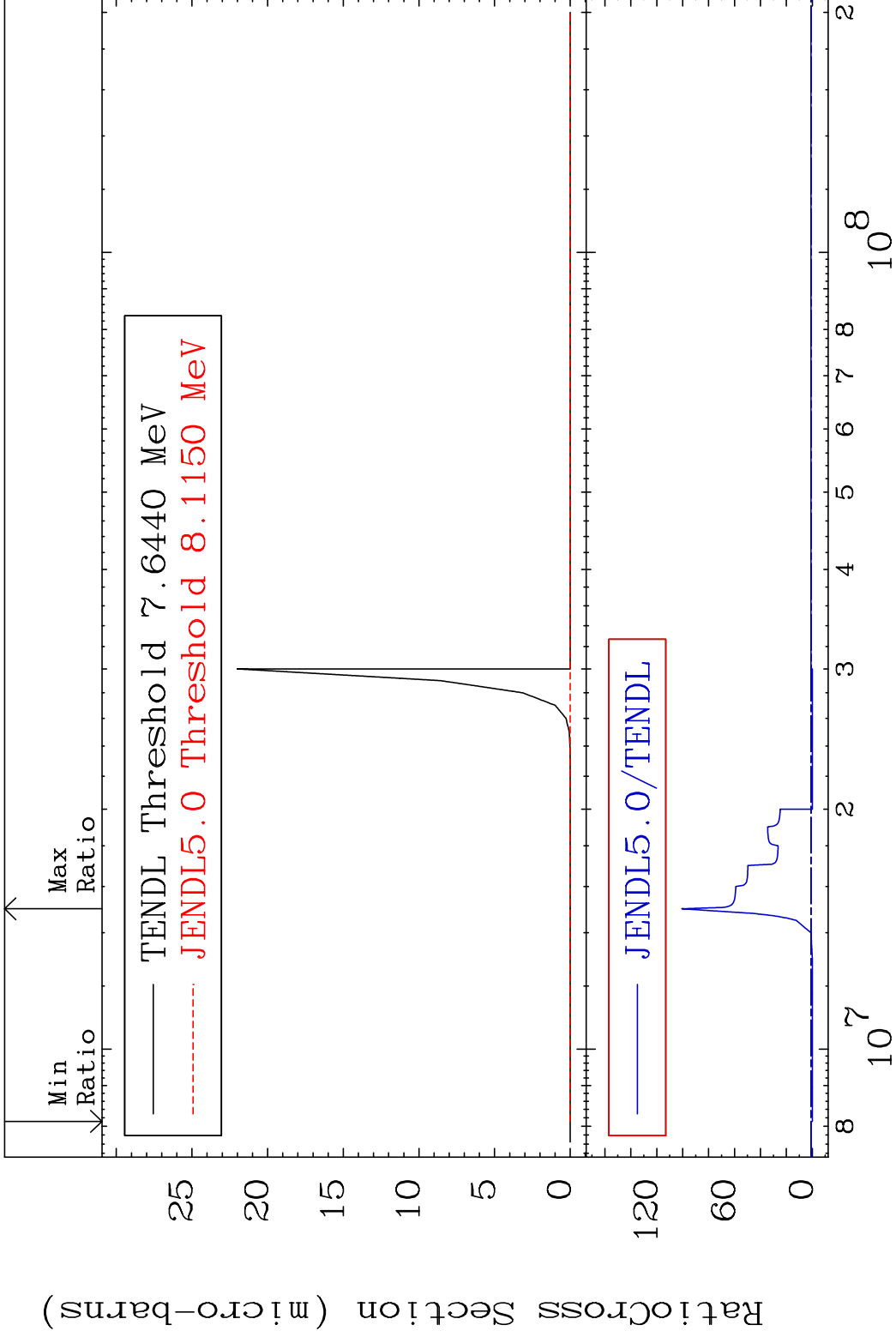


MAT 8043

(n, He-3)

80-Hg-202

Cross Section -100.0 To 9972. %



45

Incident Energy (eV)

80-Hg-202

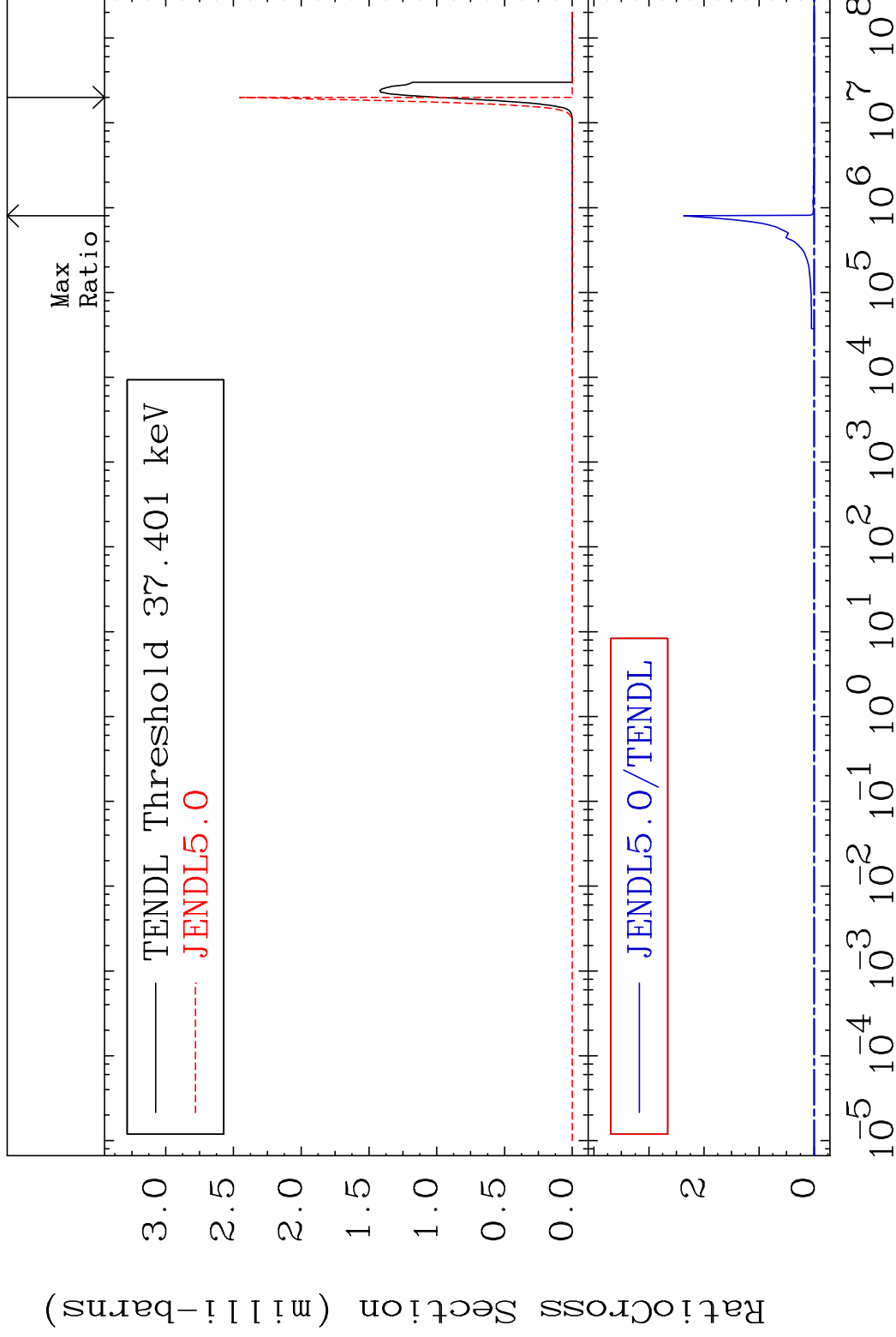
MAT 8043

(n,  $\alpha$ )

80-Hg-202

Cross Section

-100.0 To 9999. %



46

Incident Energy (eV)

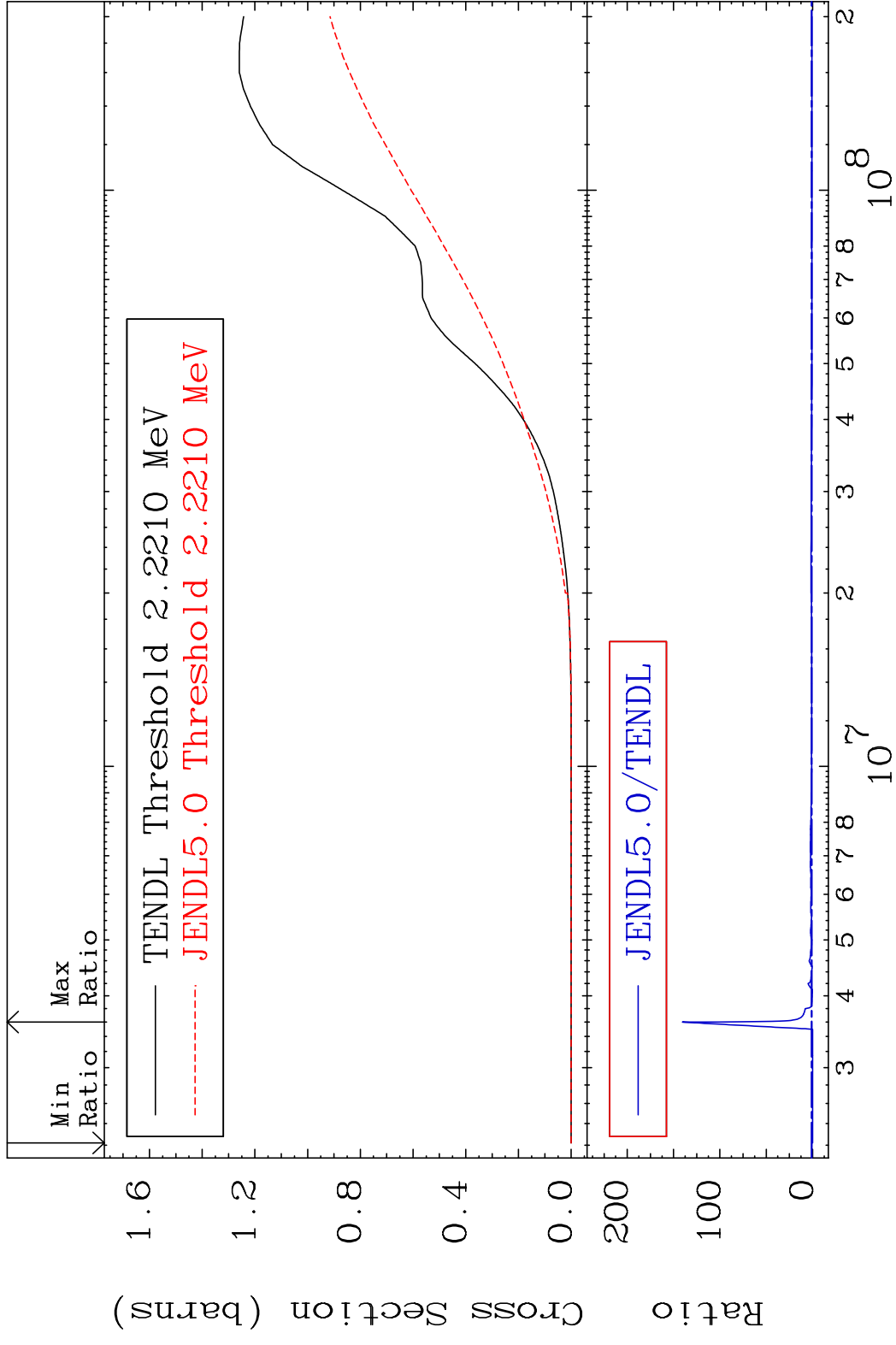
80-Hg-202

MAT 8043

Hydrogen Production

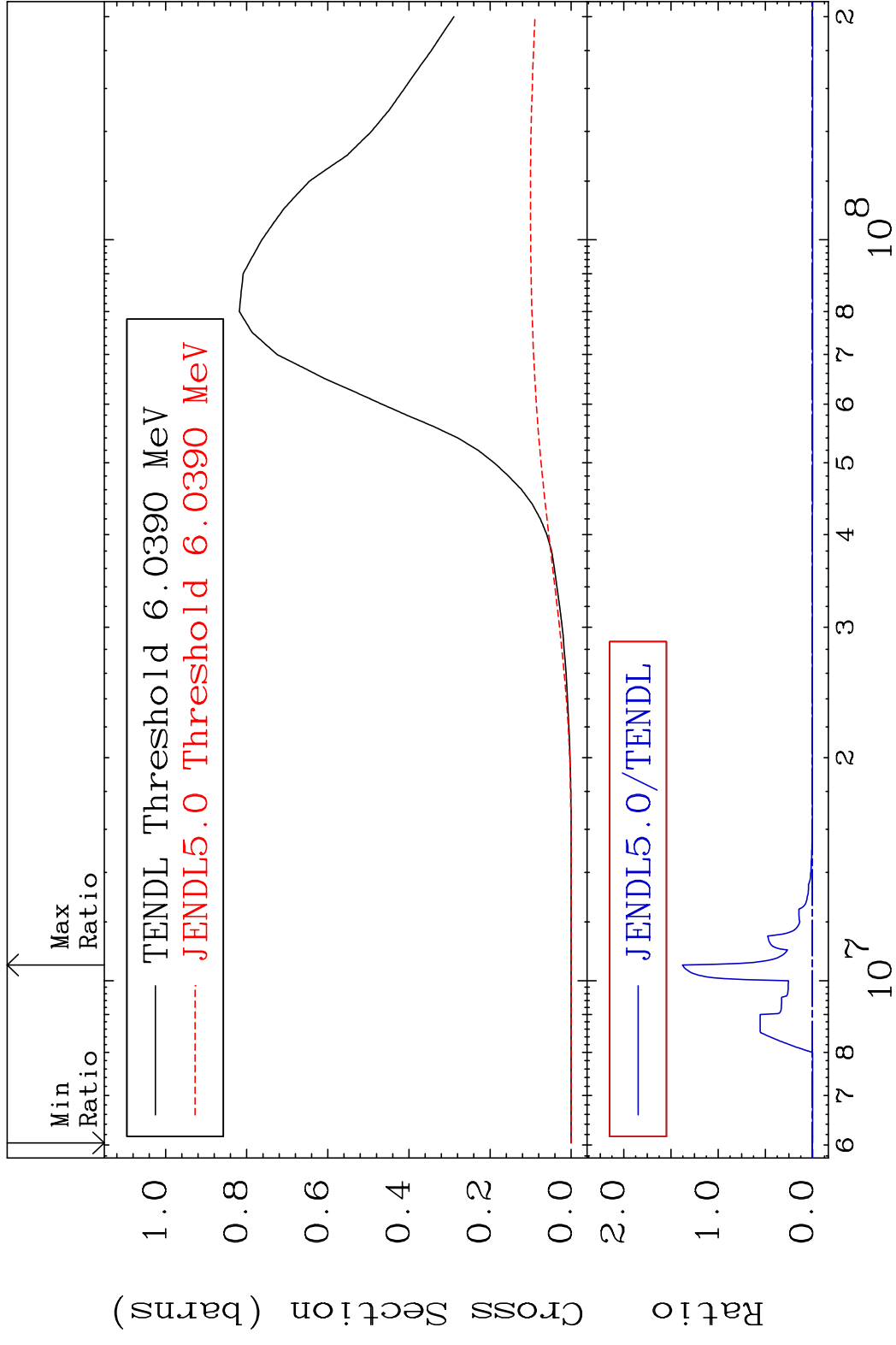
80-Hg-202

Cross Section -100.0 To 9999. %



MAT 8043

Deuterium Production 80-Hg-202  
Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

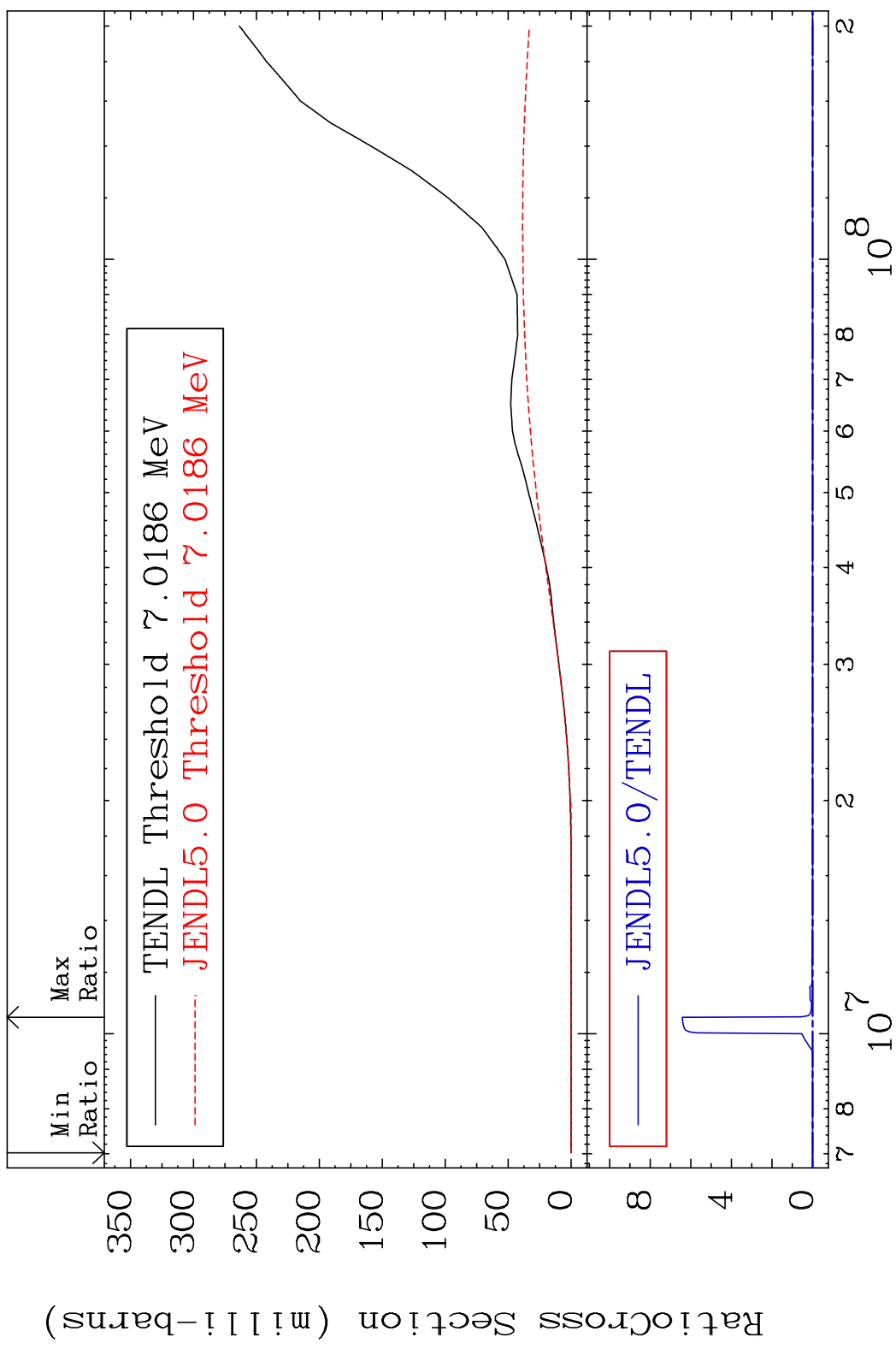
80-Hg-202

MAT 8043

Tritium Production

80-Hg-202

Cross Section -100.0 To 9999. %



49

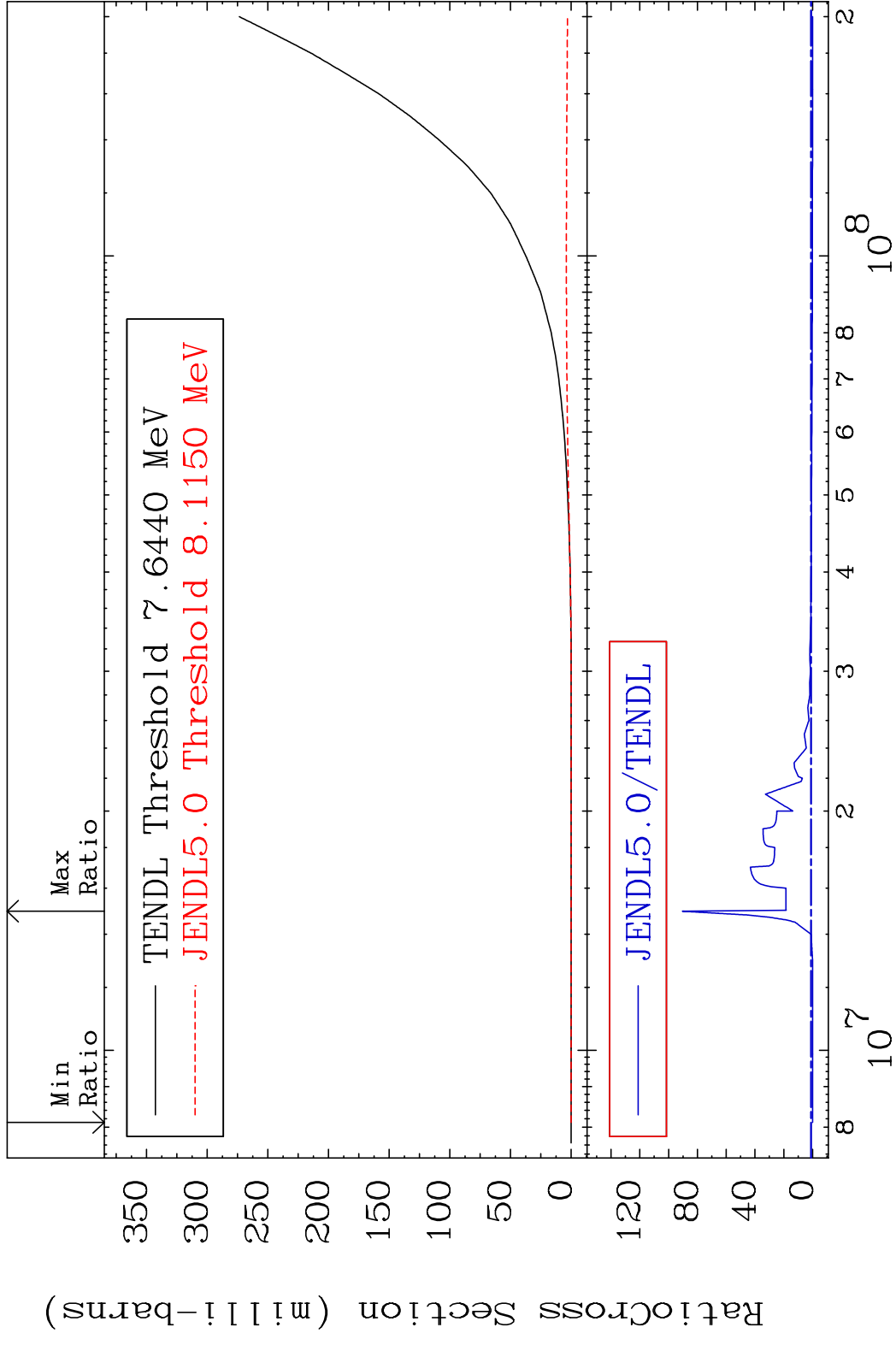
80-Hg-202

MAT 8043

He-3 Production

80-Hg-202

Cross Section -100.0 To 8944. %



50

Incident Energy (eV)

80-Hg-202

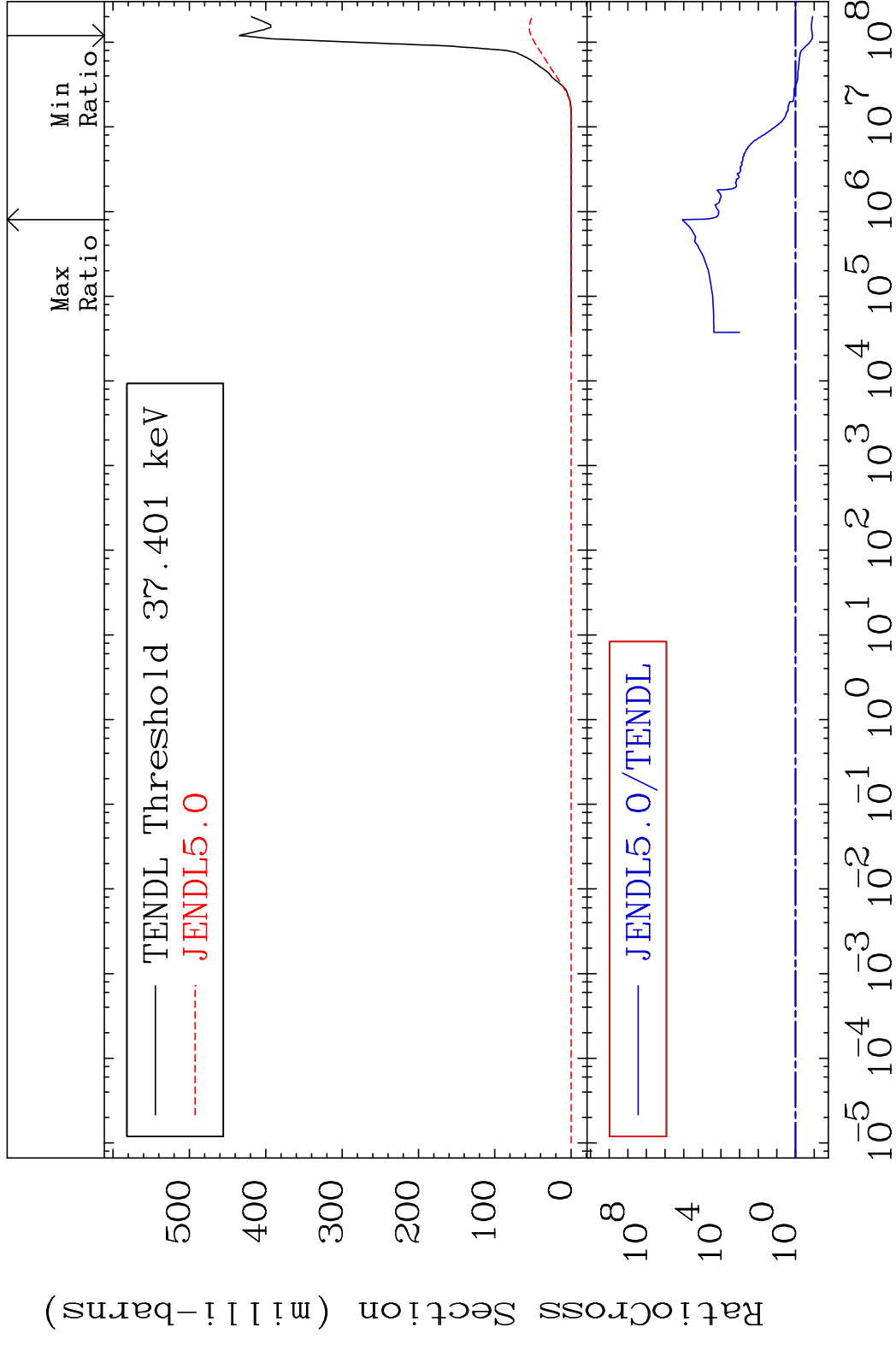
MAT 8043

He-4 Production

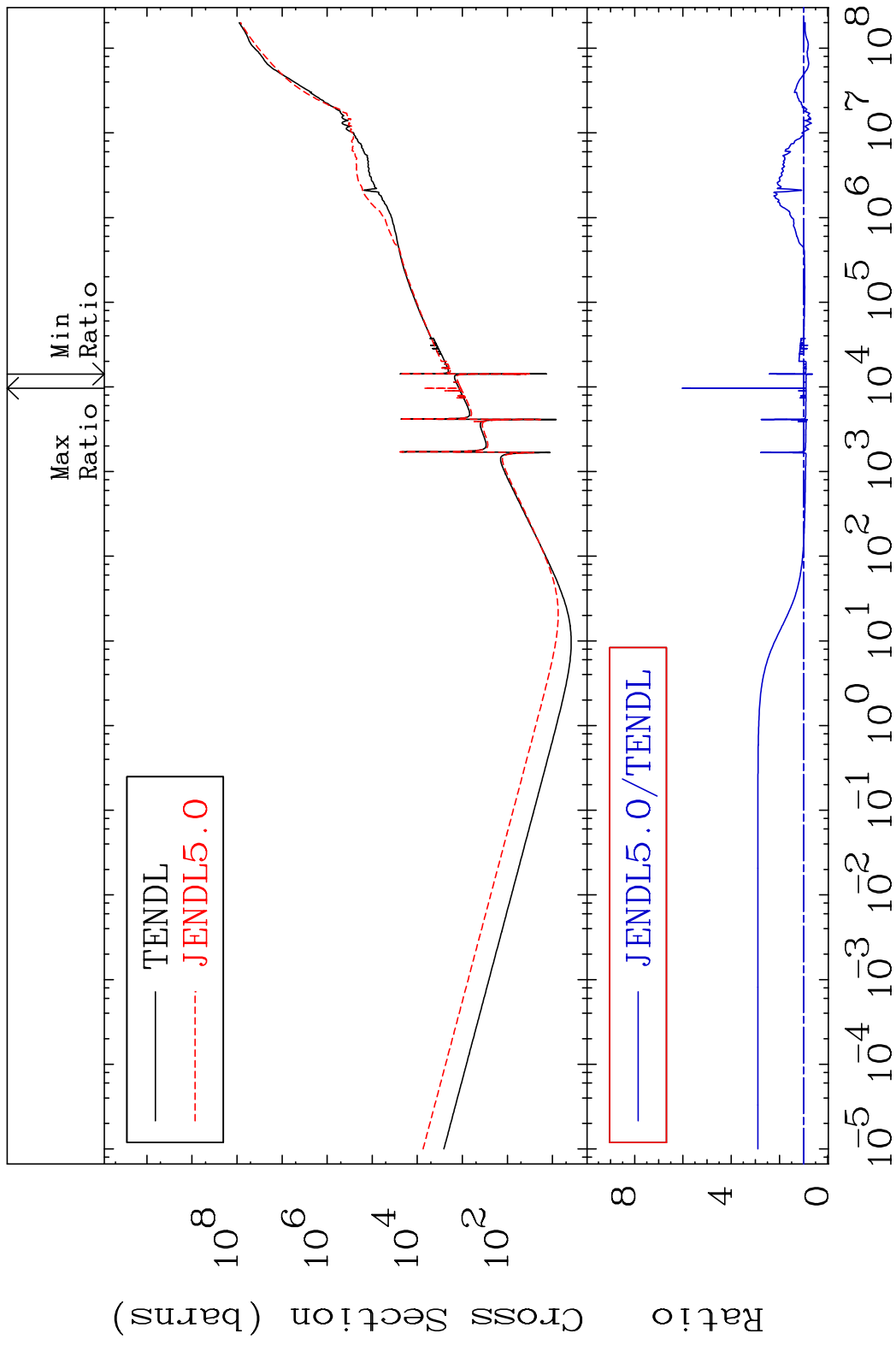
80-Hg-202

Cross Section

-87.86 To 9999. %



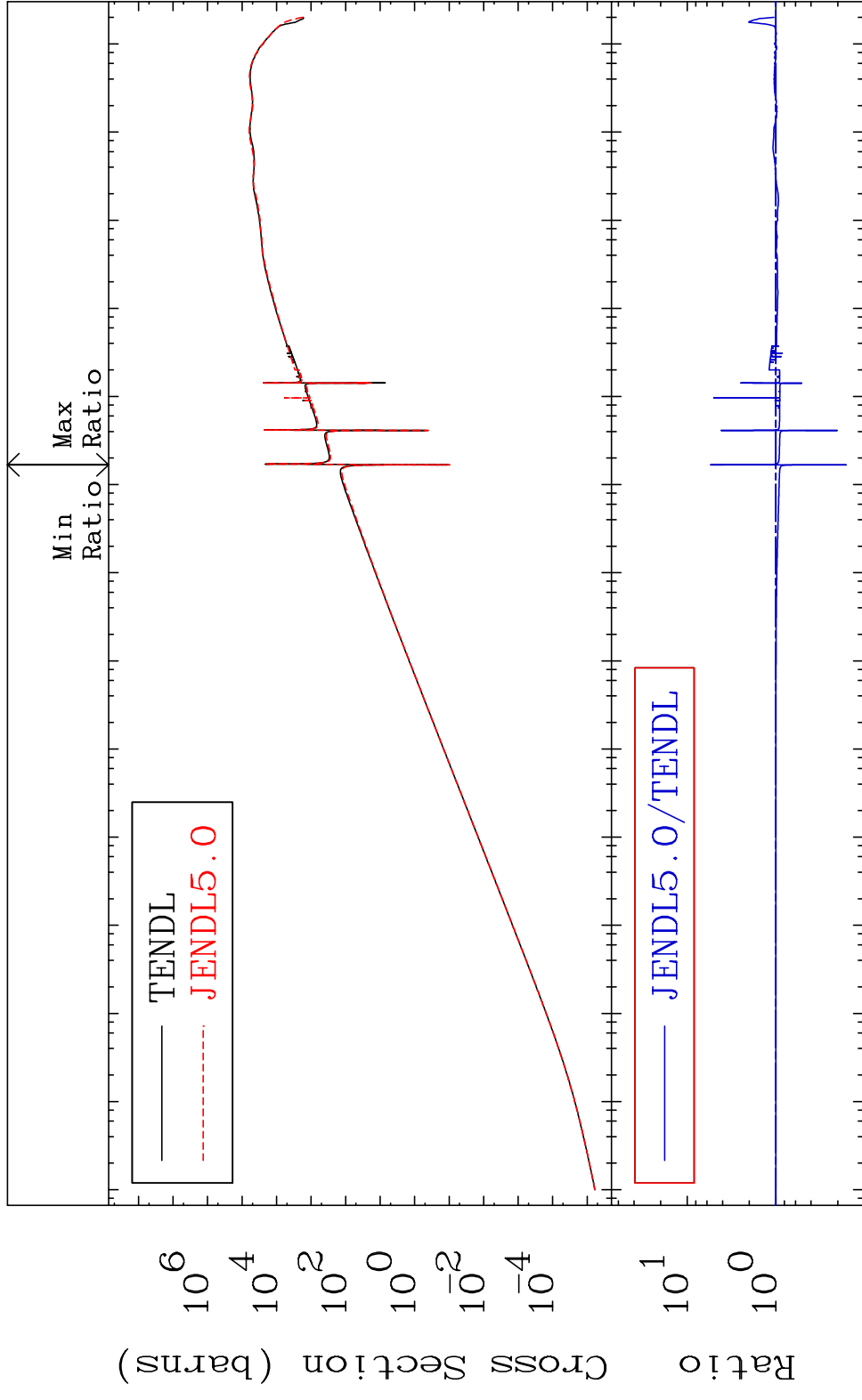
MAT 8043 Kerma total (eV-barns) 80-Hg-202  
 Cross Section -37.12 To 502.3 %



MAT 8043

Kerma elastic  
Cross Section

80-Hg-202  
-84.01 To 444.0 %



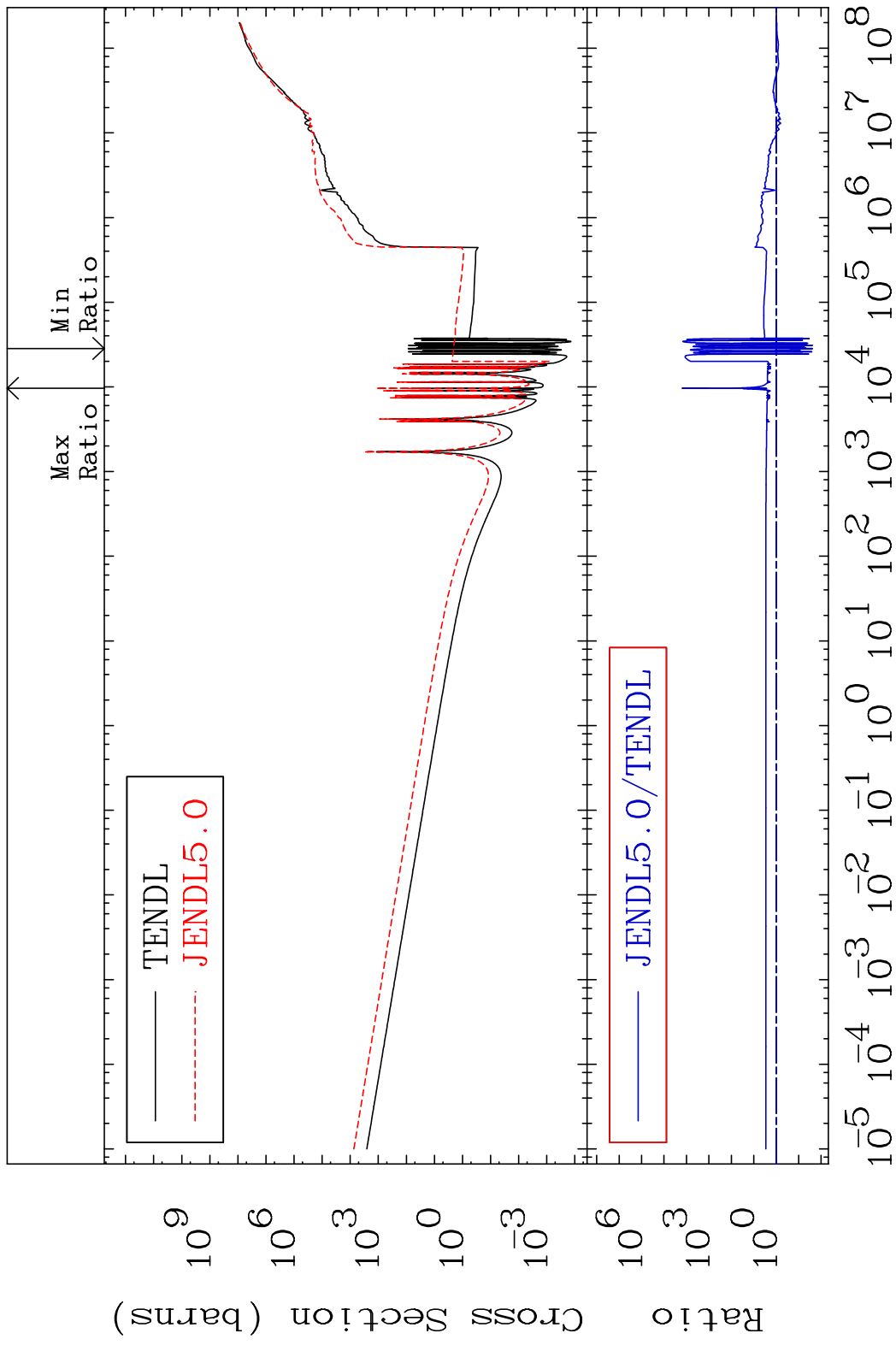
Ratio  
10<sup>1</sup>  
10<sup>0</sup>  
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

53

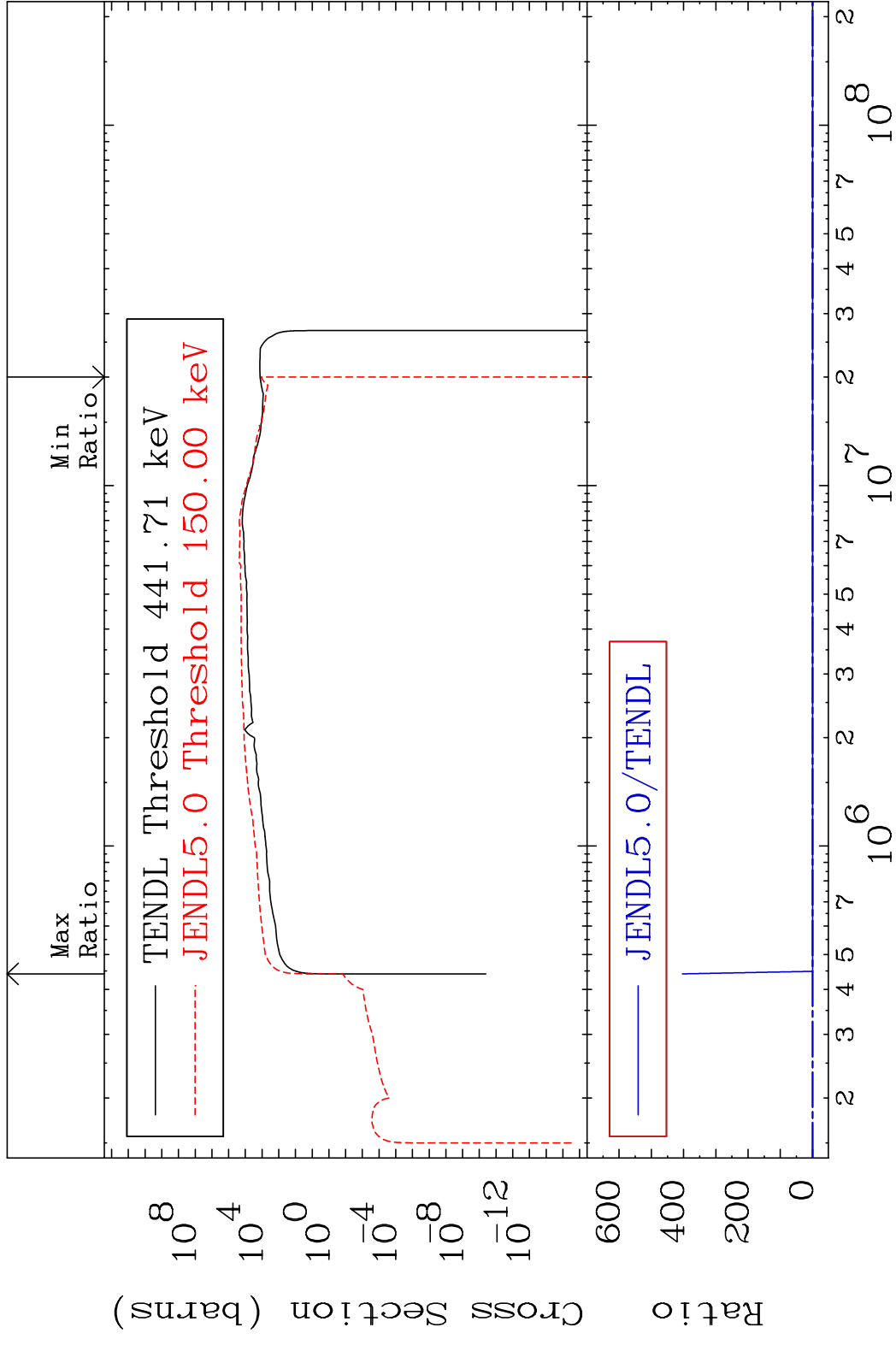
Incident Energy (eV)

80-Hg-202

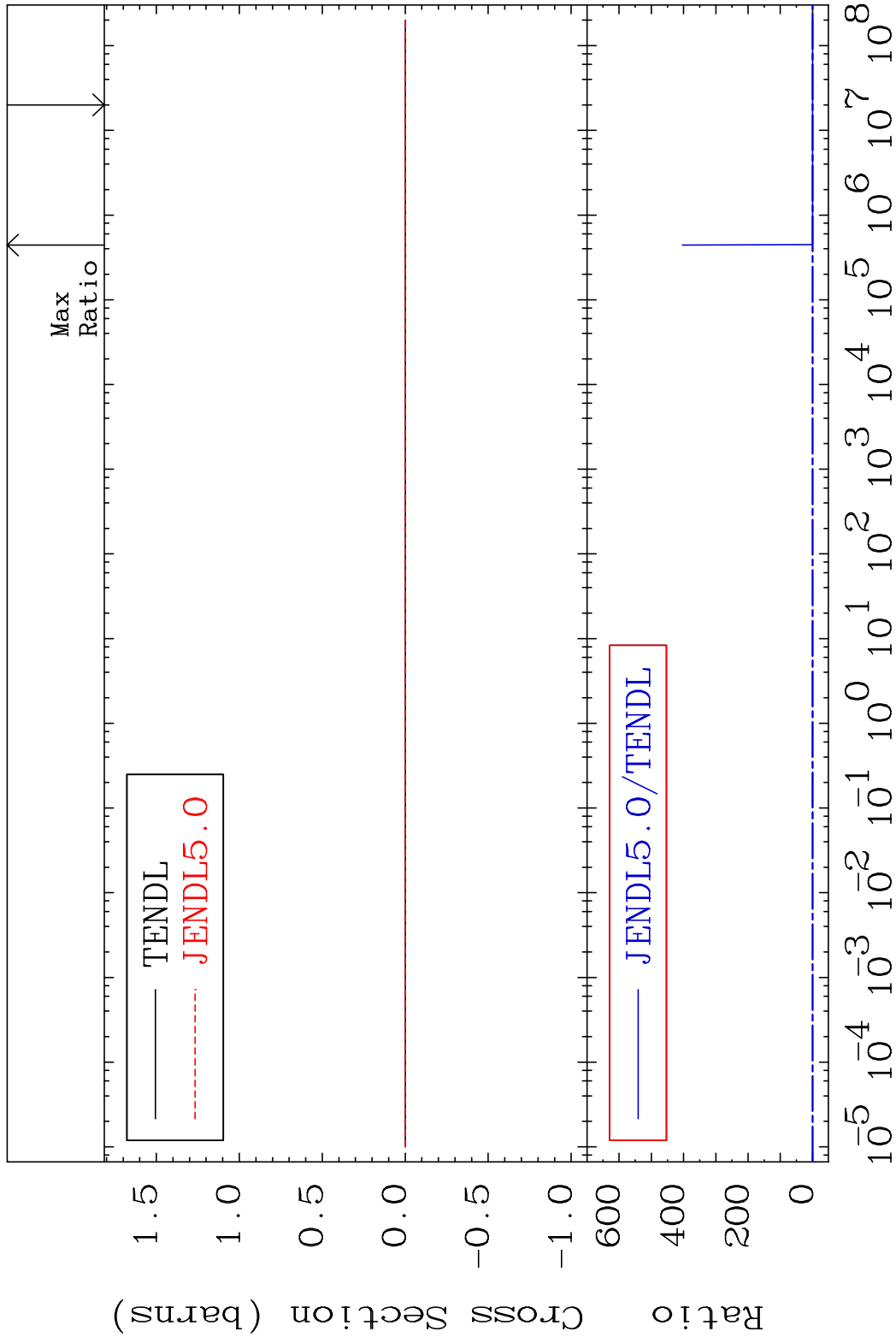
MAT 8043 Kerma non-elastic (all but mt2) 80-Hg-202  
 Cross Section -97.59 To 9999. %



MAT 8043 Kerma inelastic (mt51-91) 80-Hg-202  
 Cross Section -100.0 To 9999. %

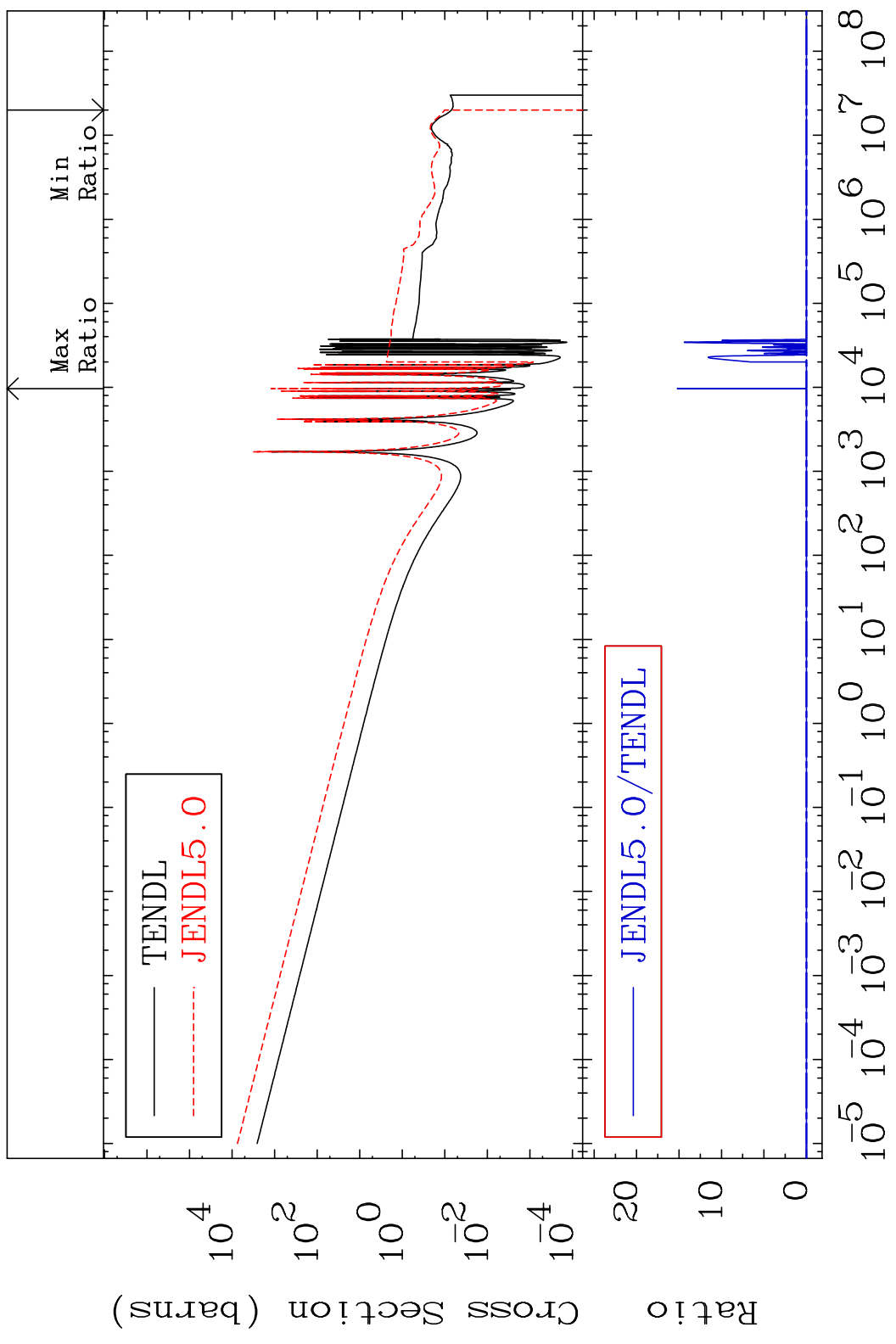


MAT 8043 Kerma fission (mt18 or mt19-20-21-38) 80-Hg-202  
 Cross Section -100.0 To 9999. %



MAT 8043

Kerma capture (mt102) 80-Hg-202  
Cross Section -100.0 To 9999. %

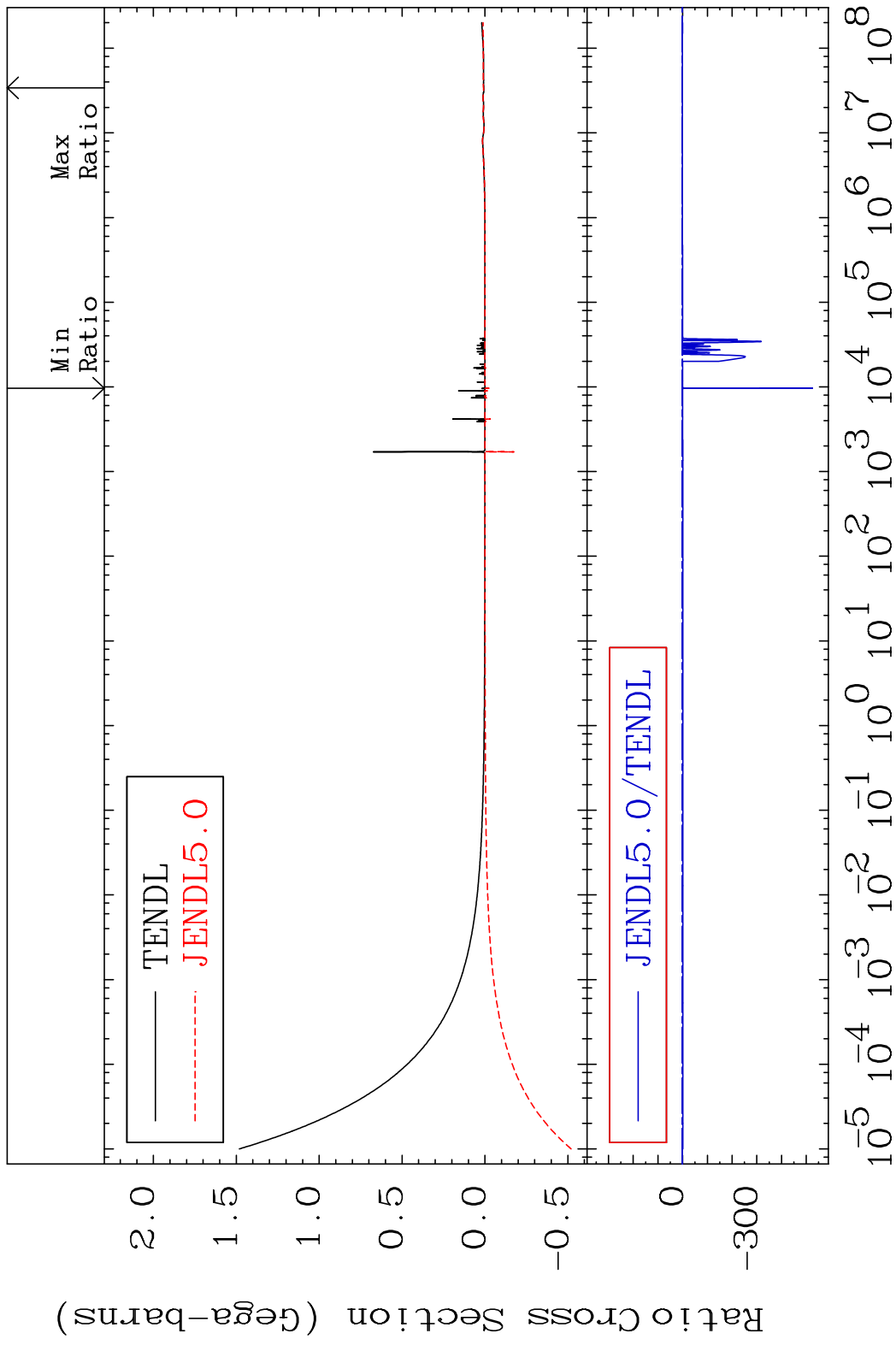


57

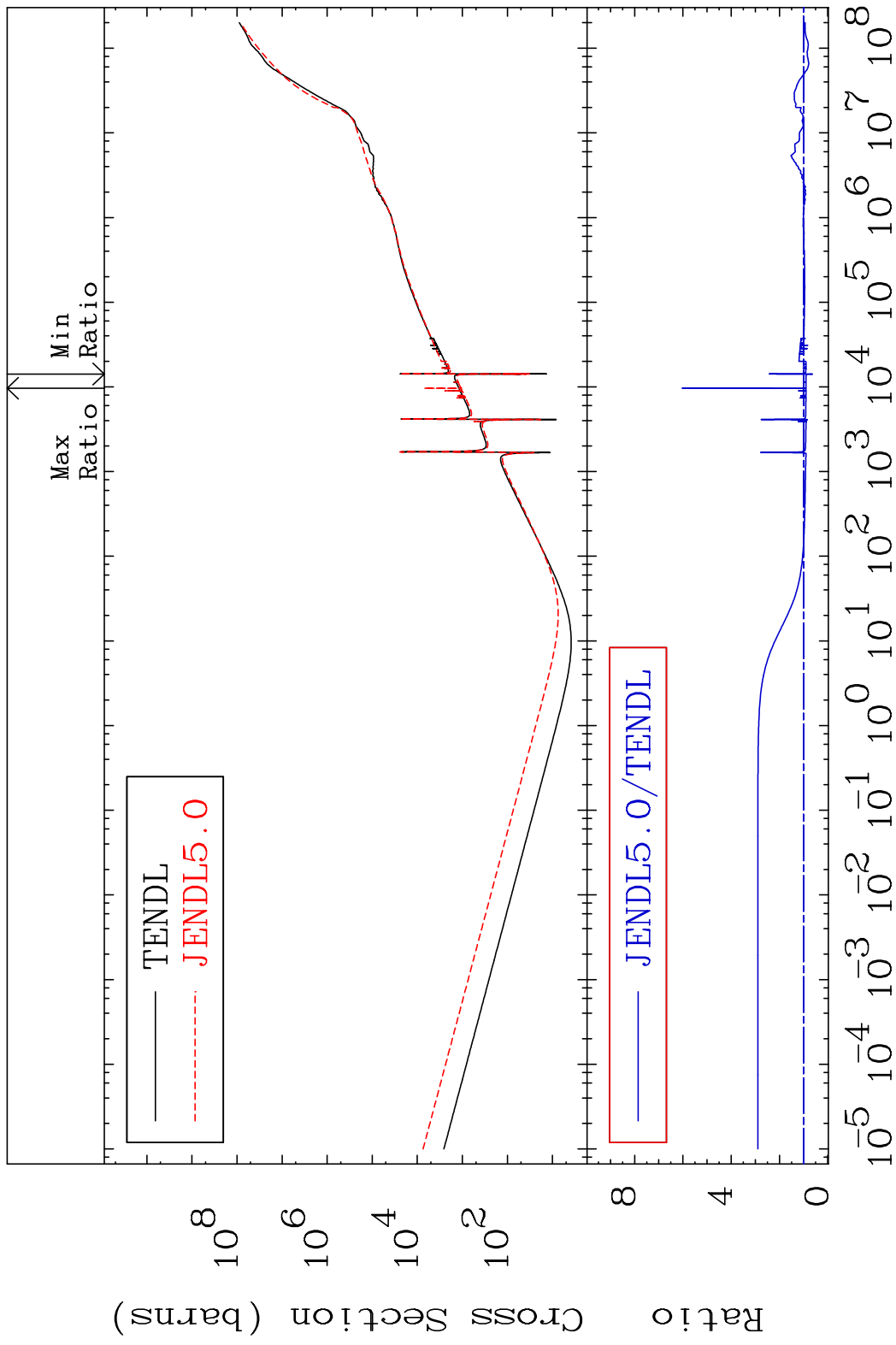
Incident Energy (eV)

80-Hg-202

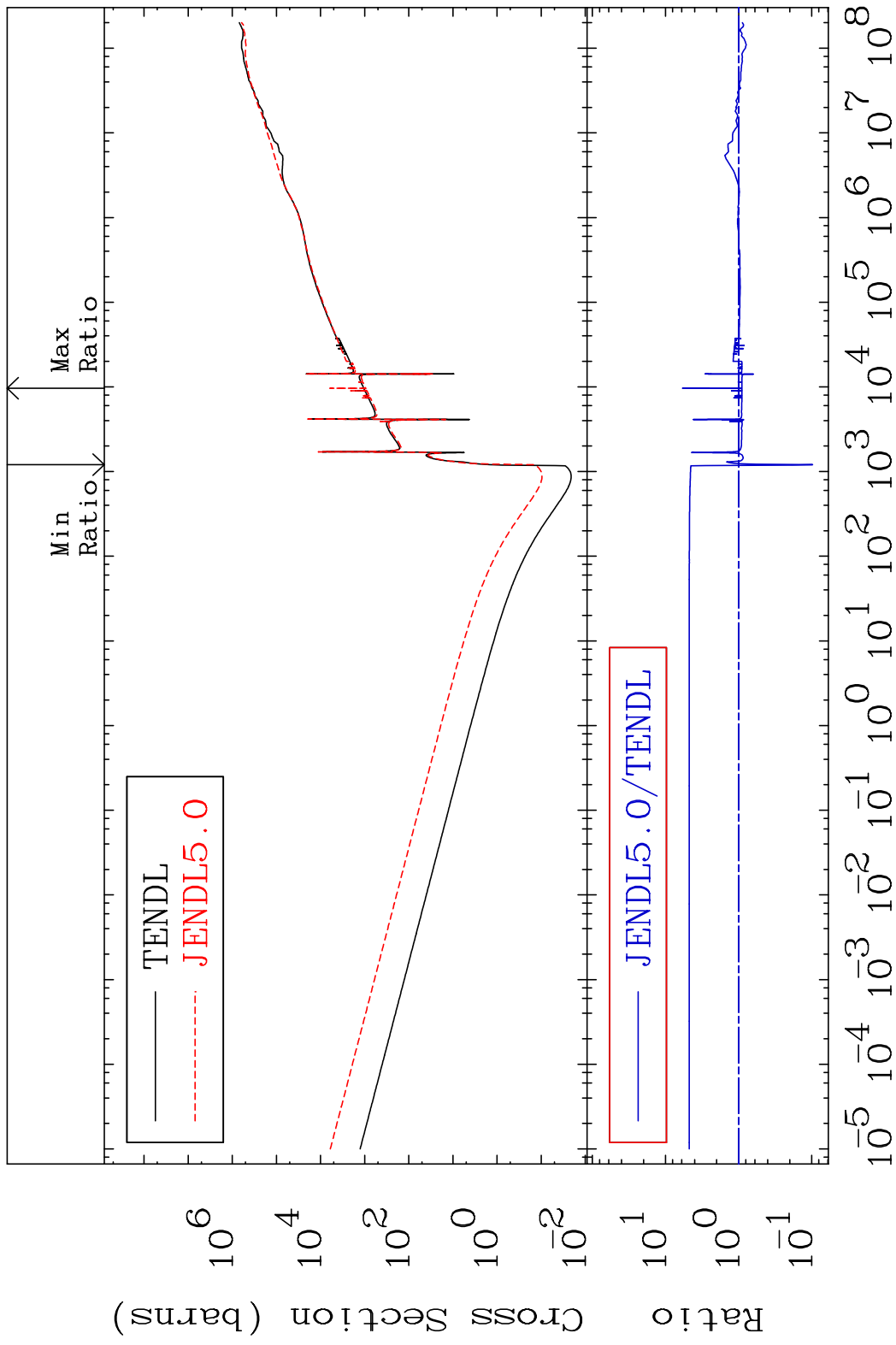
MAT 8043 Total photon (eV-barns) 80-Hg-202  
 Cross Section -9999. To 29.91 %



MAT 8043 Total kinematic kerma (high limit) 80-Hg-202  
 Cross Section -37.12 To 502.3 %



MAT 8043      Dpa total (eV-barns)      80-Hg-202  
Cross Section      -90.25 To 488.8 %



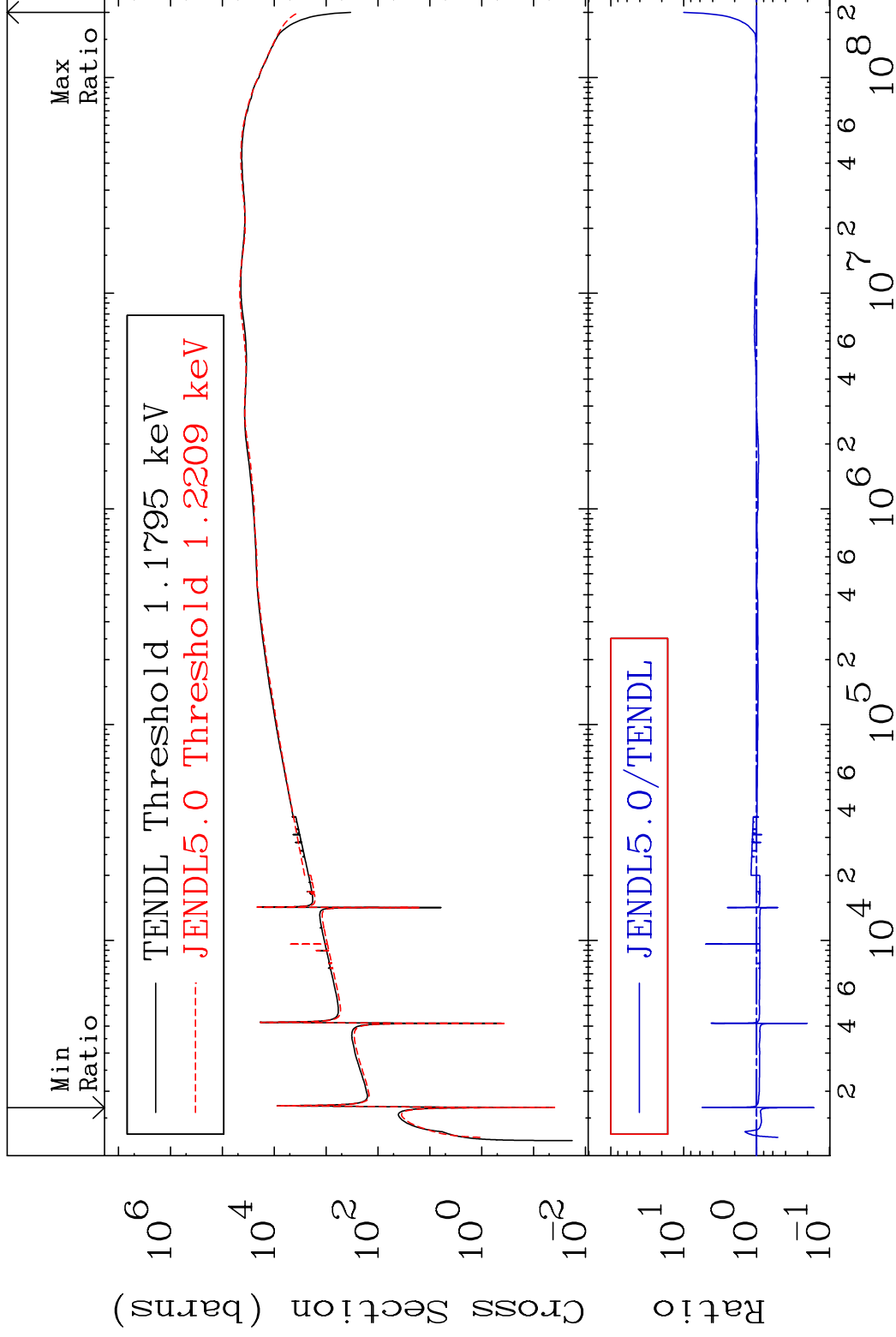
60      Incident Energy (eV)      80-Hg-202

MAT 8043

Dpa elastic (mt2)

80-Hg-202

Cross Section -83.80 To 900.6 %

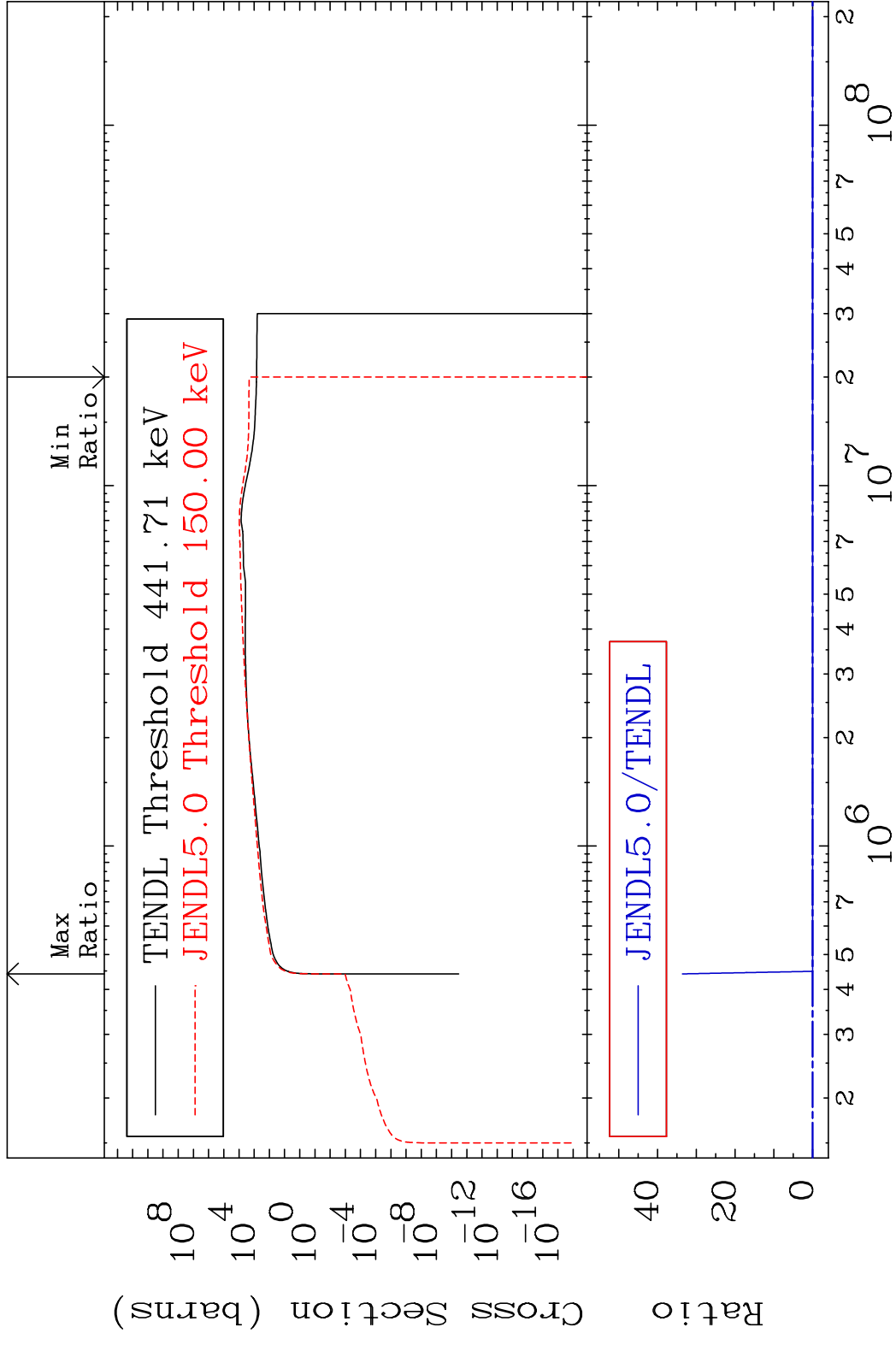


61

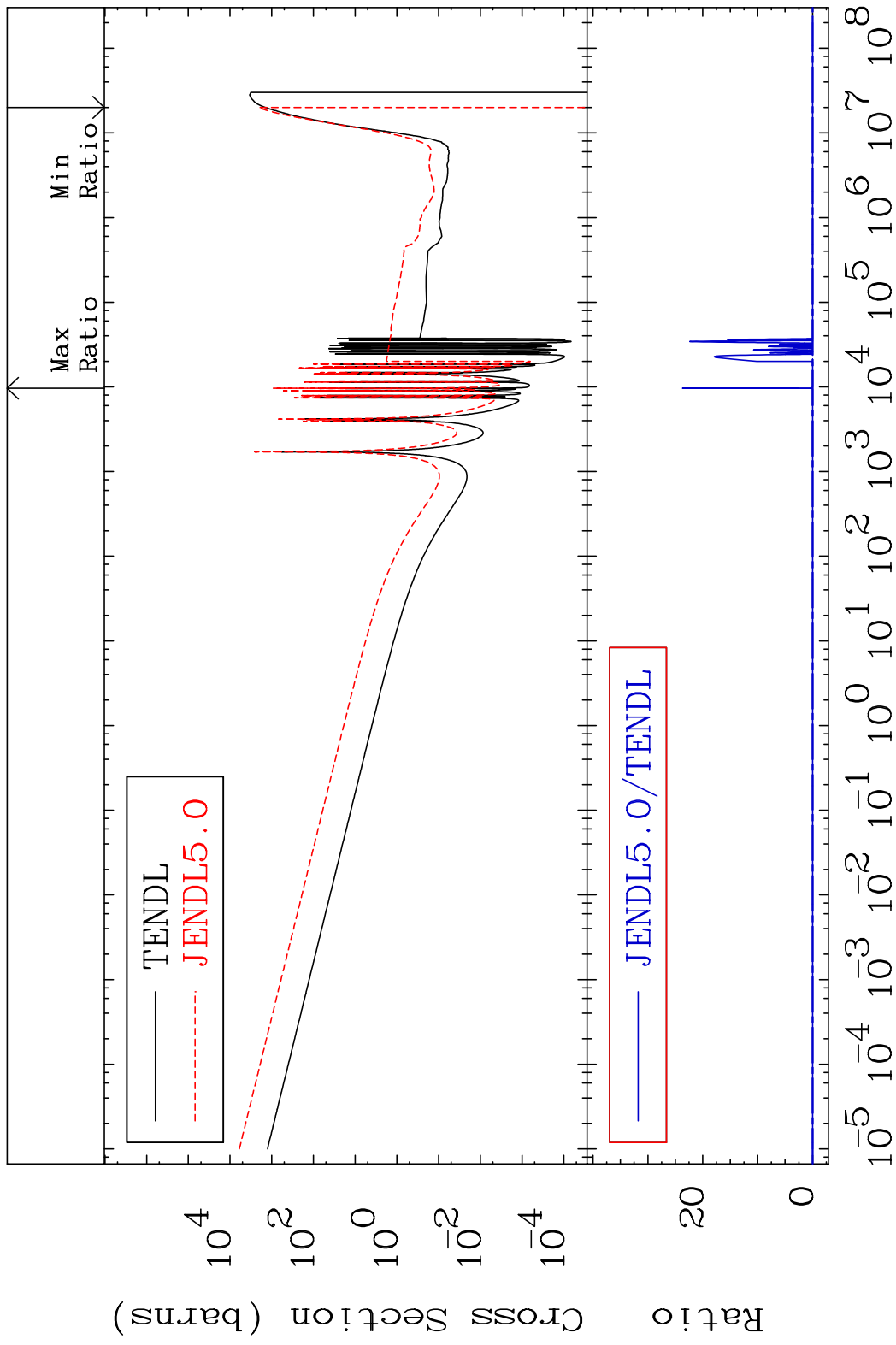
Incident Energy (eV)

80-Hg-202

MAT 8043 Dpa inelastic (mt51-91) 80-Hg-202  
 Cross Section -100.0 To 9999. %



MAT 8043 Dpa disappearance (mt102 -120) 80-Hg-202  
Cross Section -100.0 To 9999. %



63

Incident Energy (eV)

80-Hg-202