

Program Complot  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

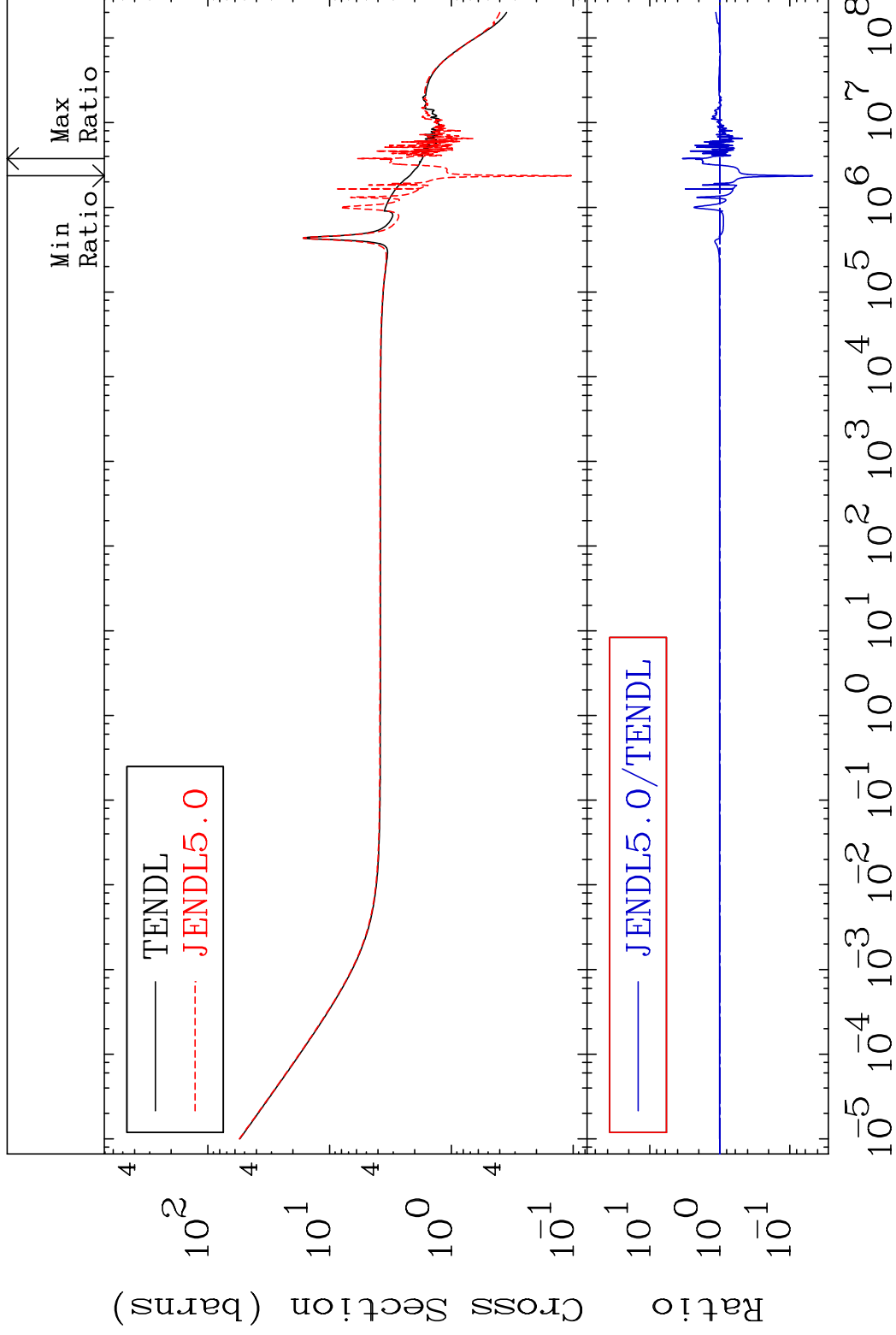
MAT 825

Total

8-0 -16

Cross Section

-95.28 To 242.4 %



1

Incident Energy (eV)

8-0 -16

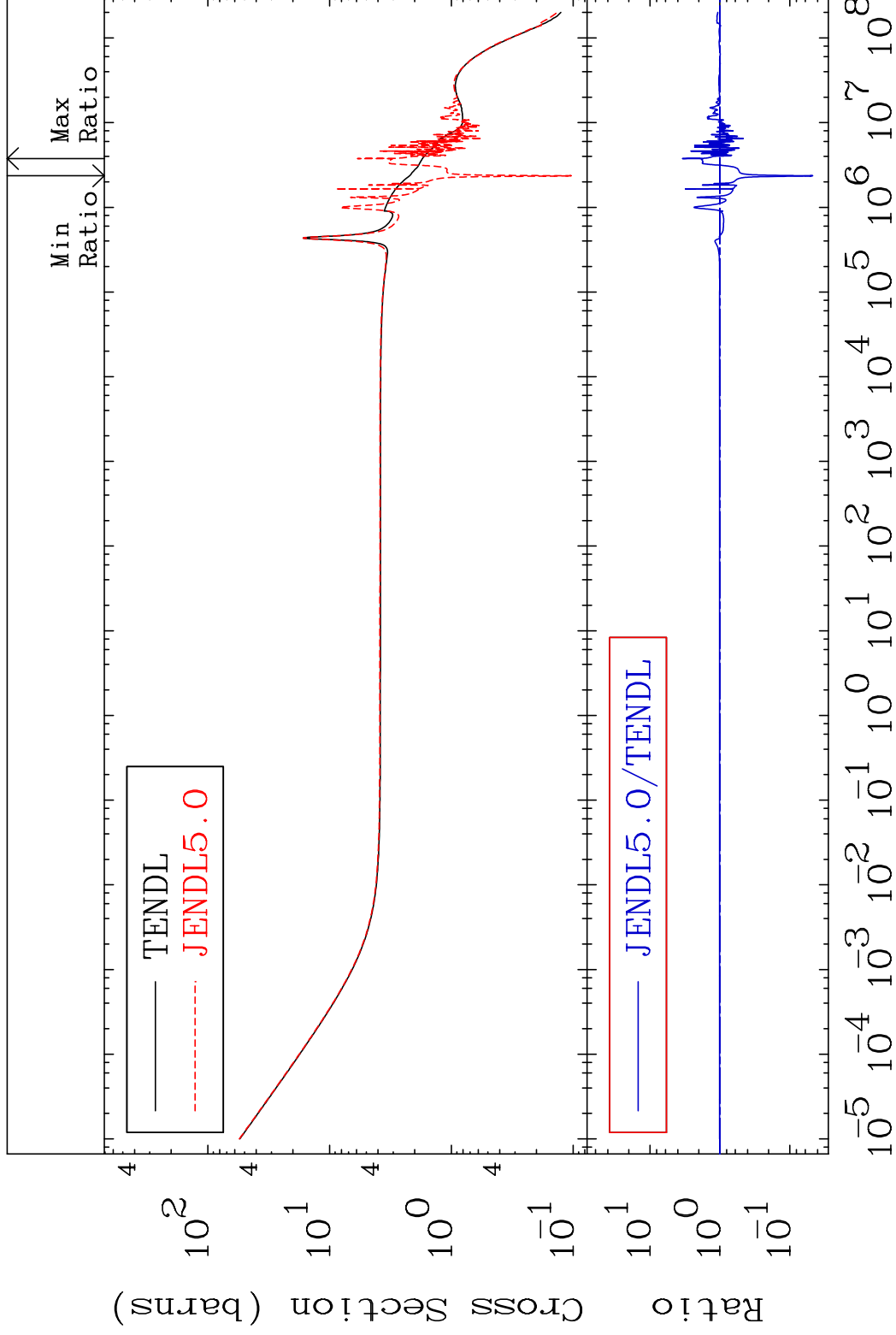
MAT 825

Elastic

8-0 -16

Cross Section

-95.28 To 243.4 %

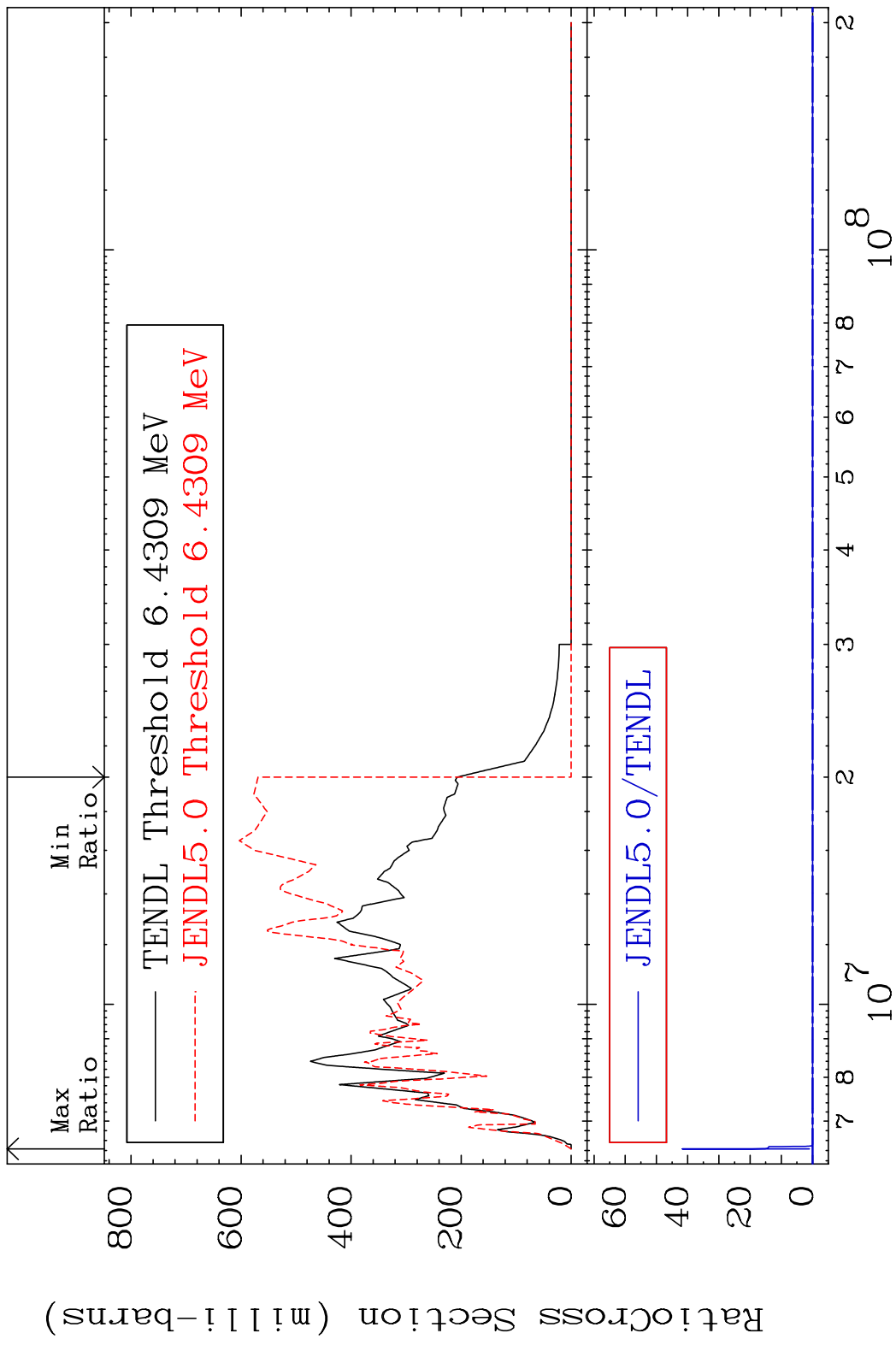


2

Incident Energy (eV)

8-0 -16

MAT 825 Inelastic Cross Section -100.0 To 9999. % 8-0 -16



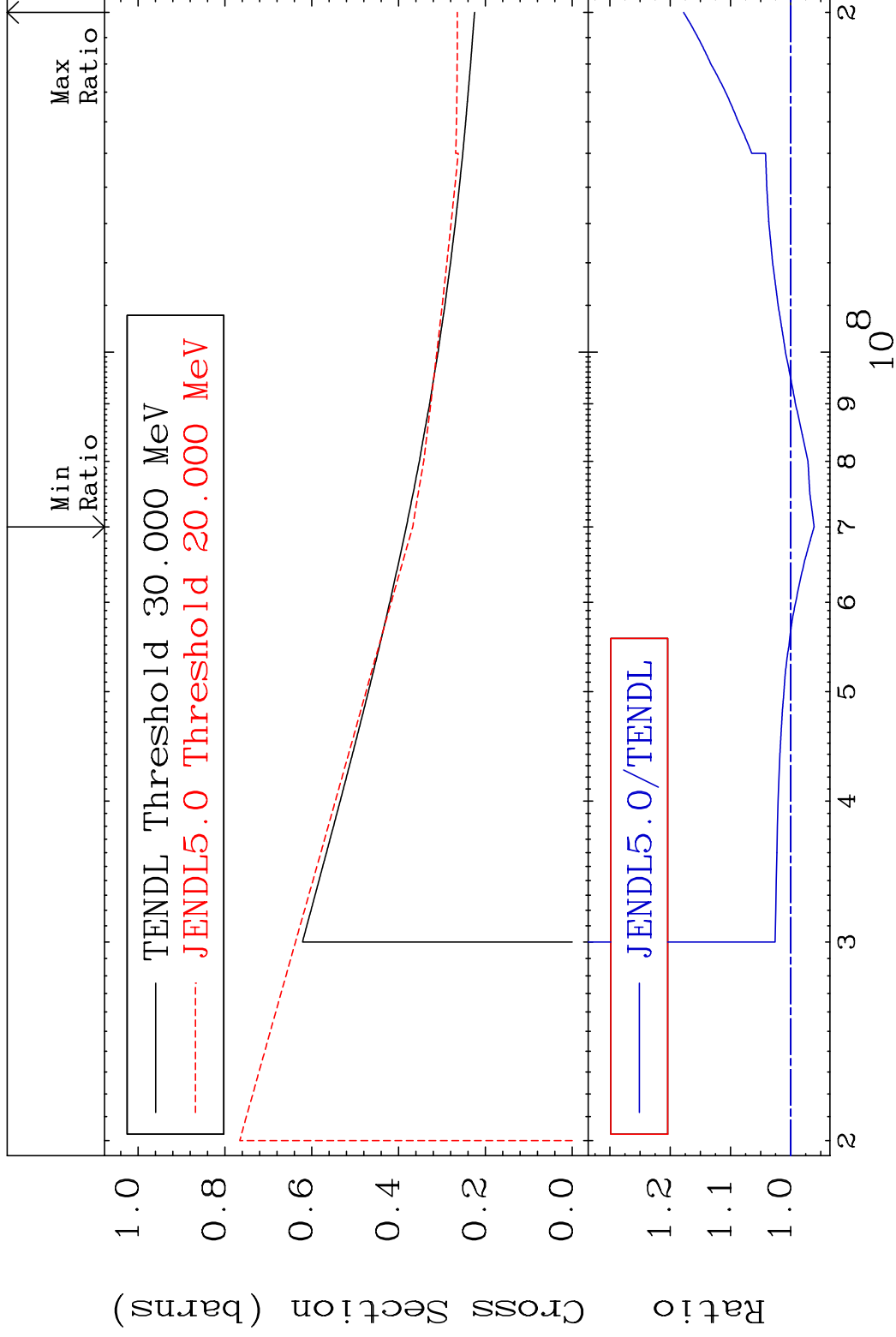
3 3 8-0 -16

MAT 825

(n, remainder)

8-0 -16

Cross Section -3.887 To 17.77 %

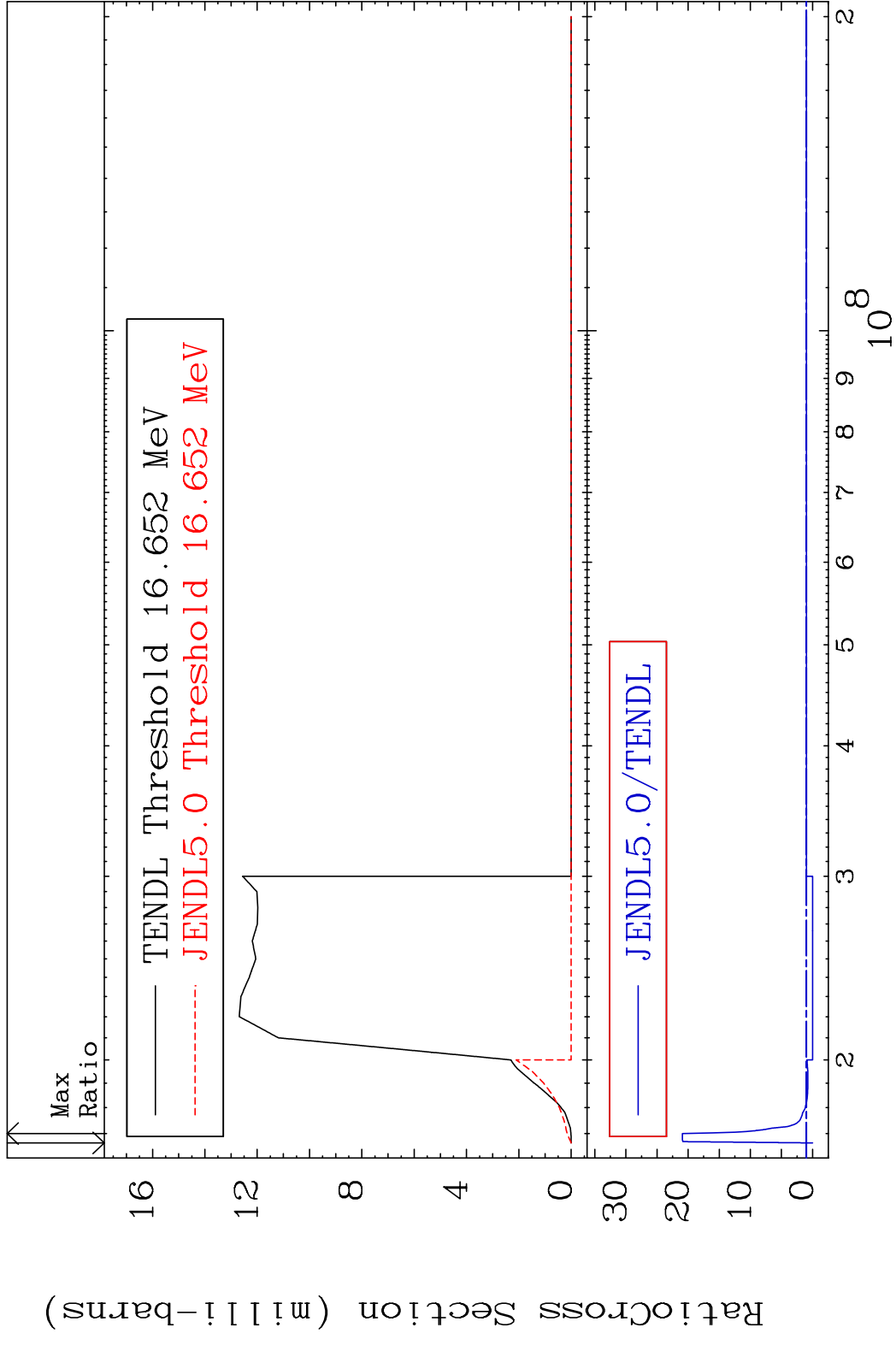


4

Incident Energy (eV)

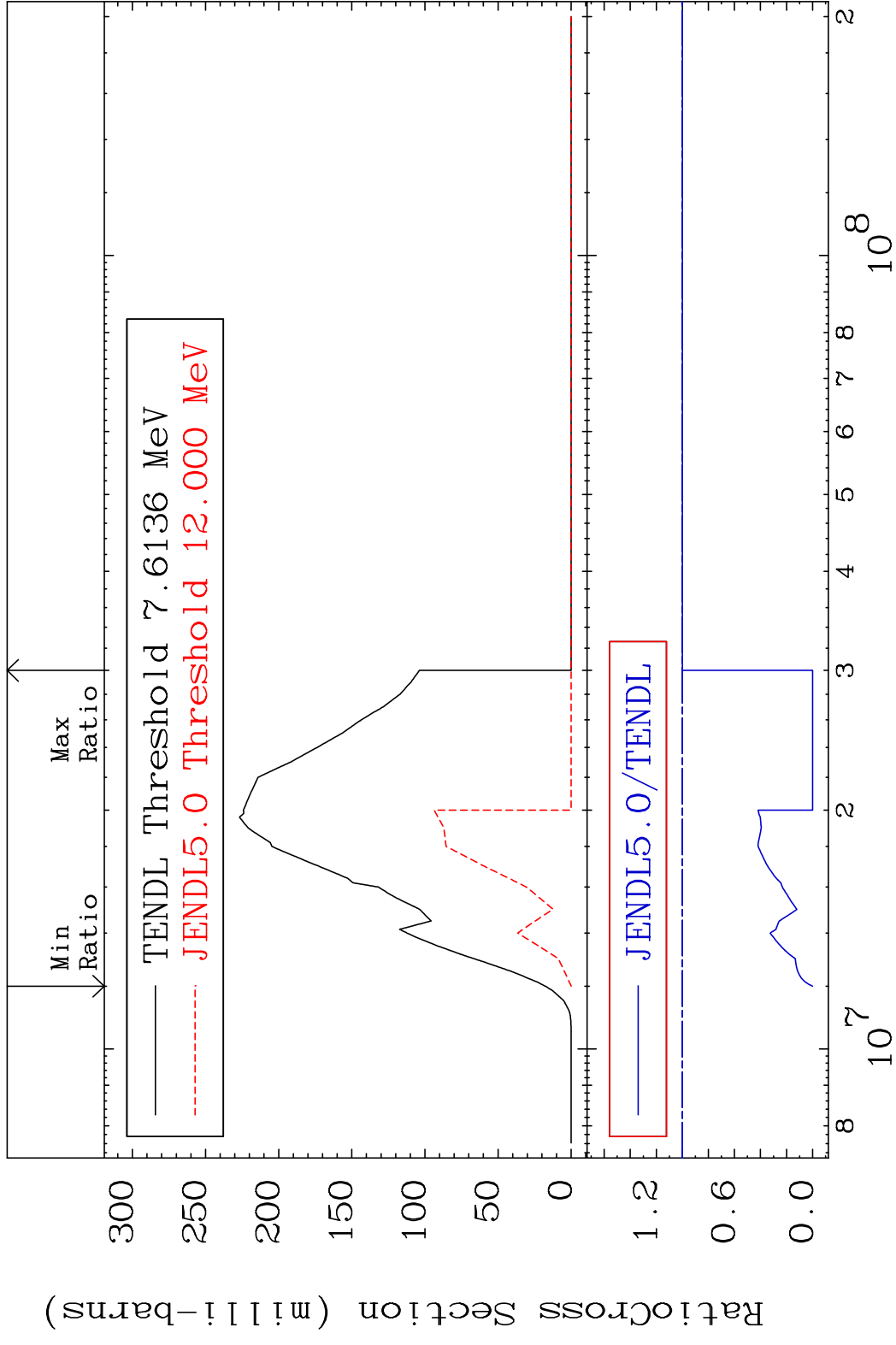
8-0 -16

MAT 825 (n,2n) 8-0 -16  
 Cross Section -100.0 To 1993. %



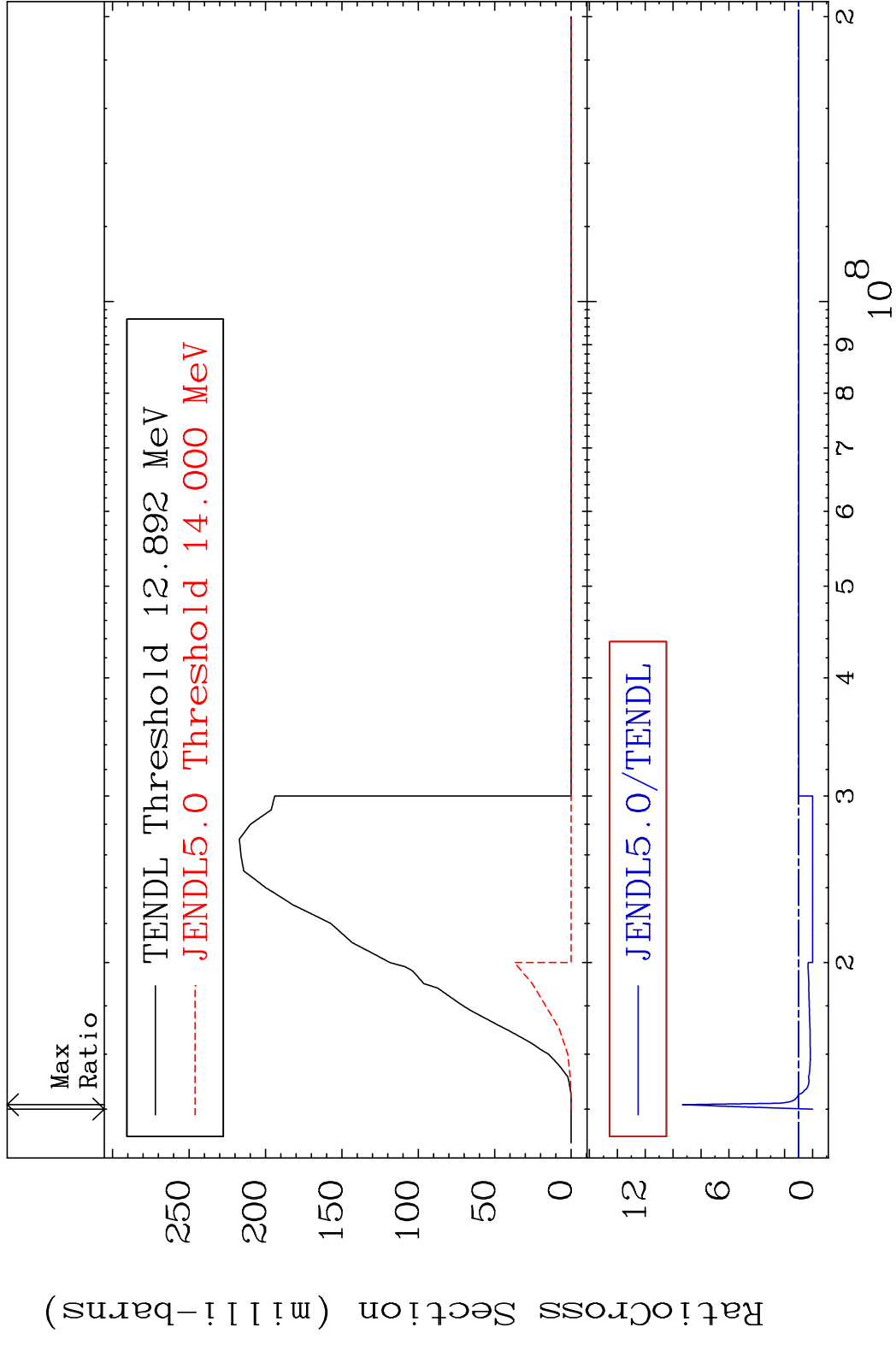
5 Incident Energy (eV) 8-0 -16

MAT 825 (n, n')  $\alpha$  8-0 -16  
 Cross Section -100.0 To 0.000 %

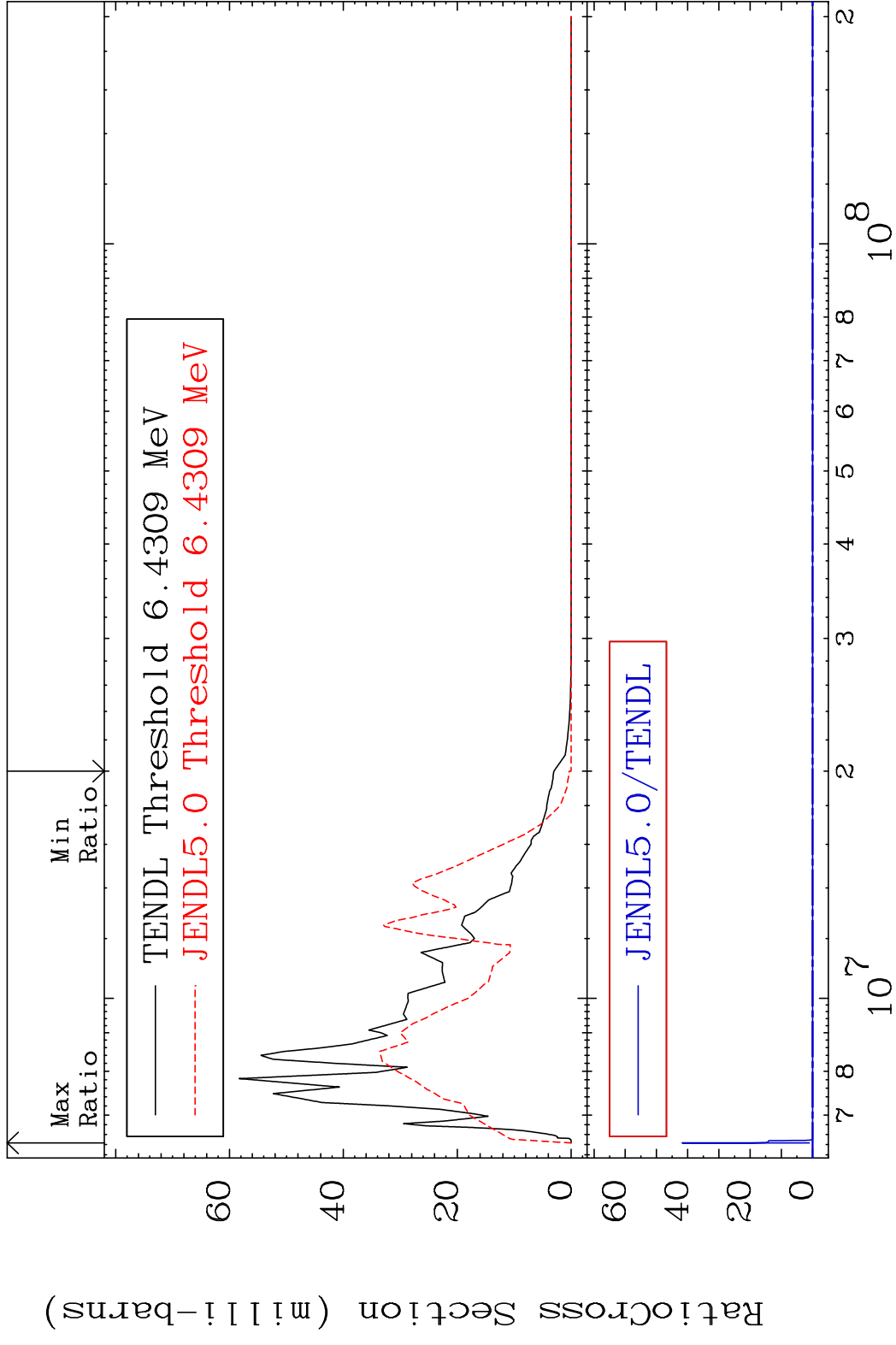


6 8-0 -16

MAT 825 (n, n') p 8-0 -16  
 Cross Section -100.0 To 833.7 %

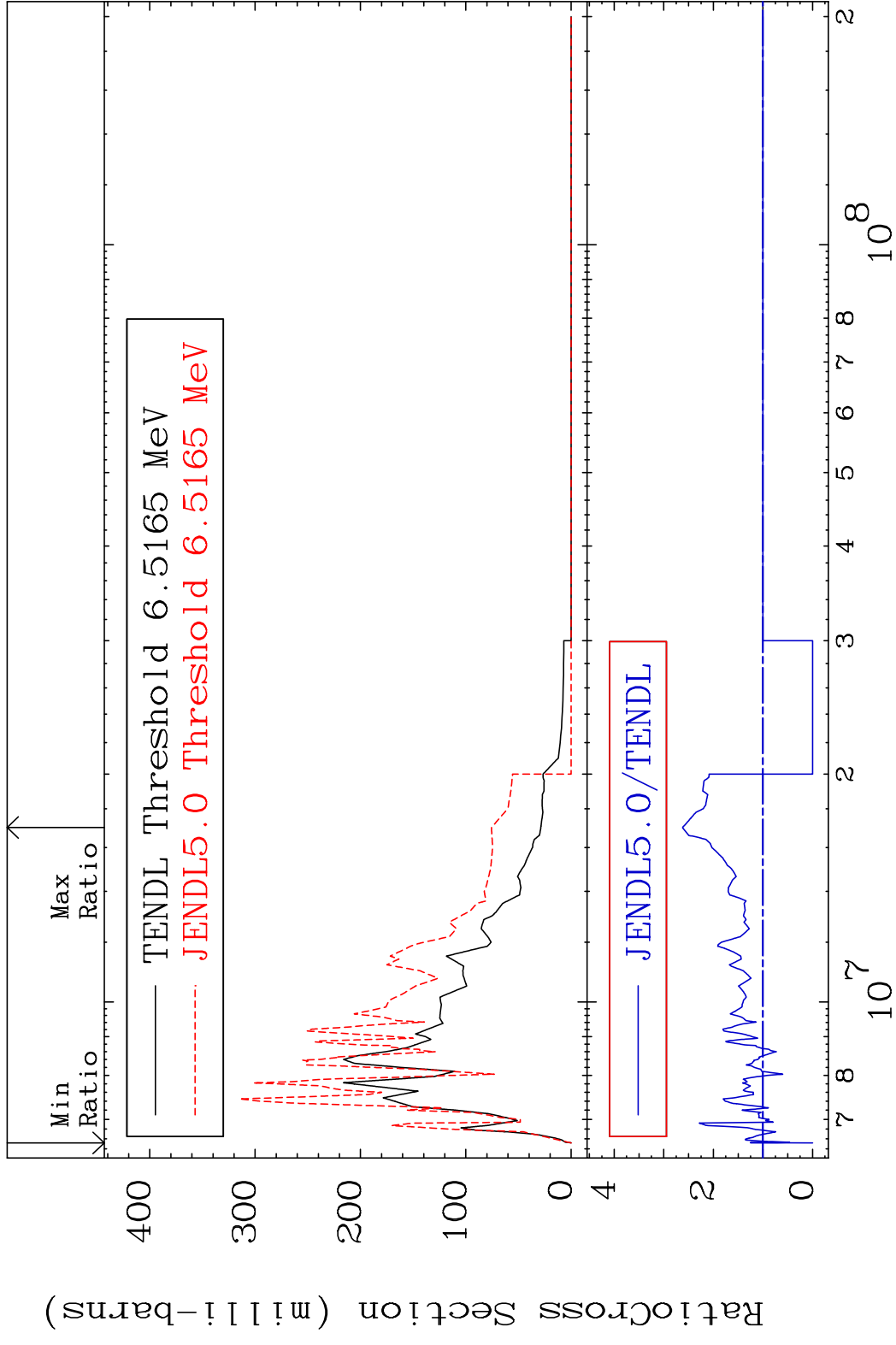


MAT 825 MT= 51 (n,n') Level 8-0 -16  
 Cross Section -100.0 To 9999. %



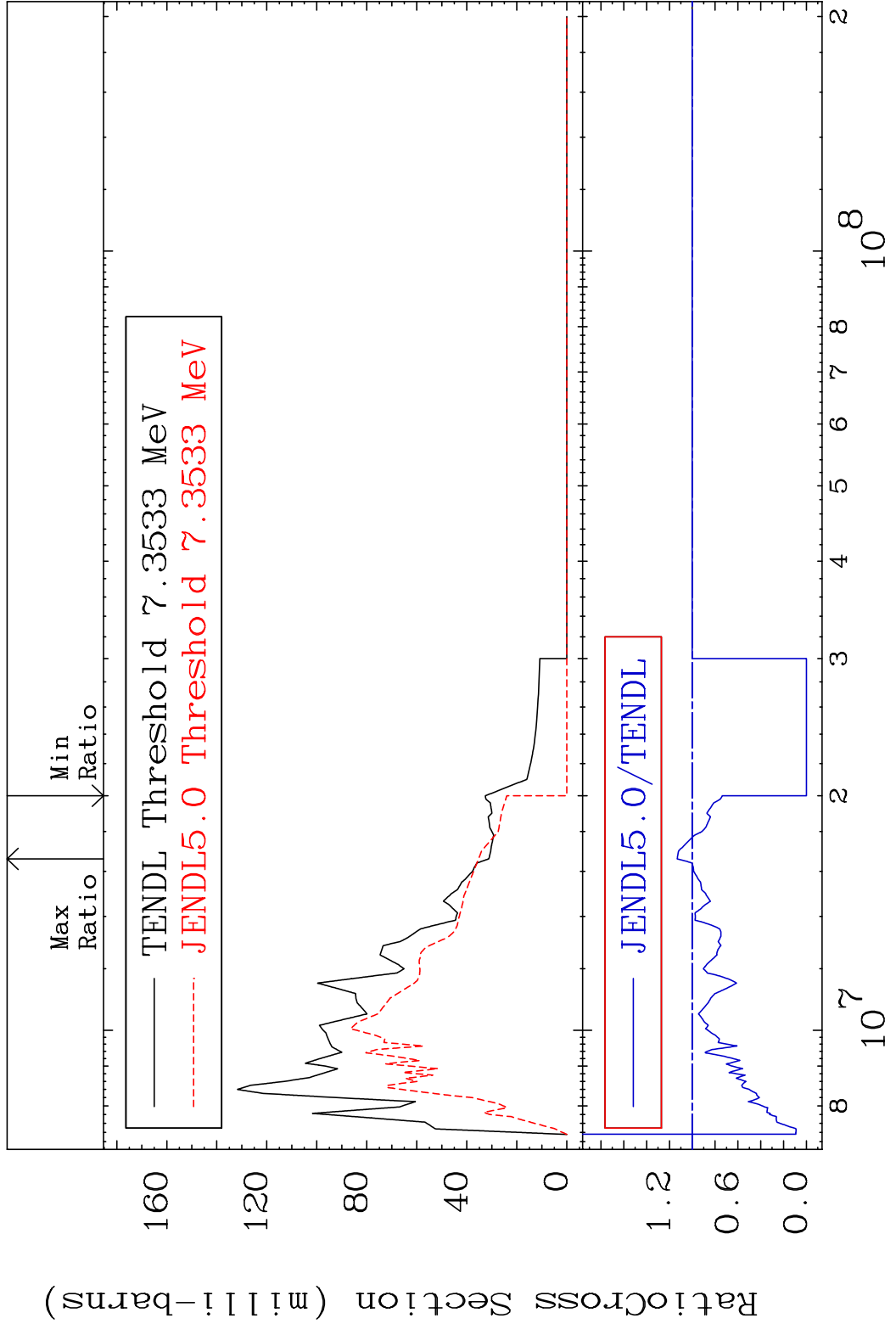
8 8-0 -16

MAT 825 MT= 52 (n, n') Level 8-0 -16  
 Cross Section -100.0 To 162.6 %



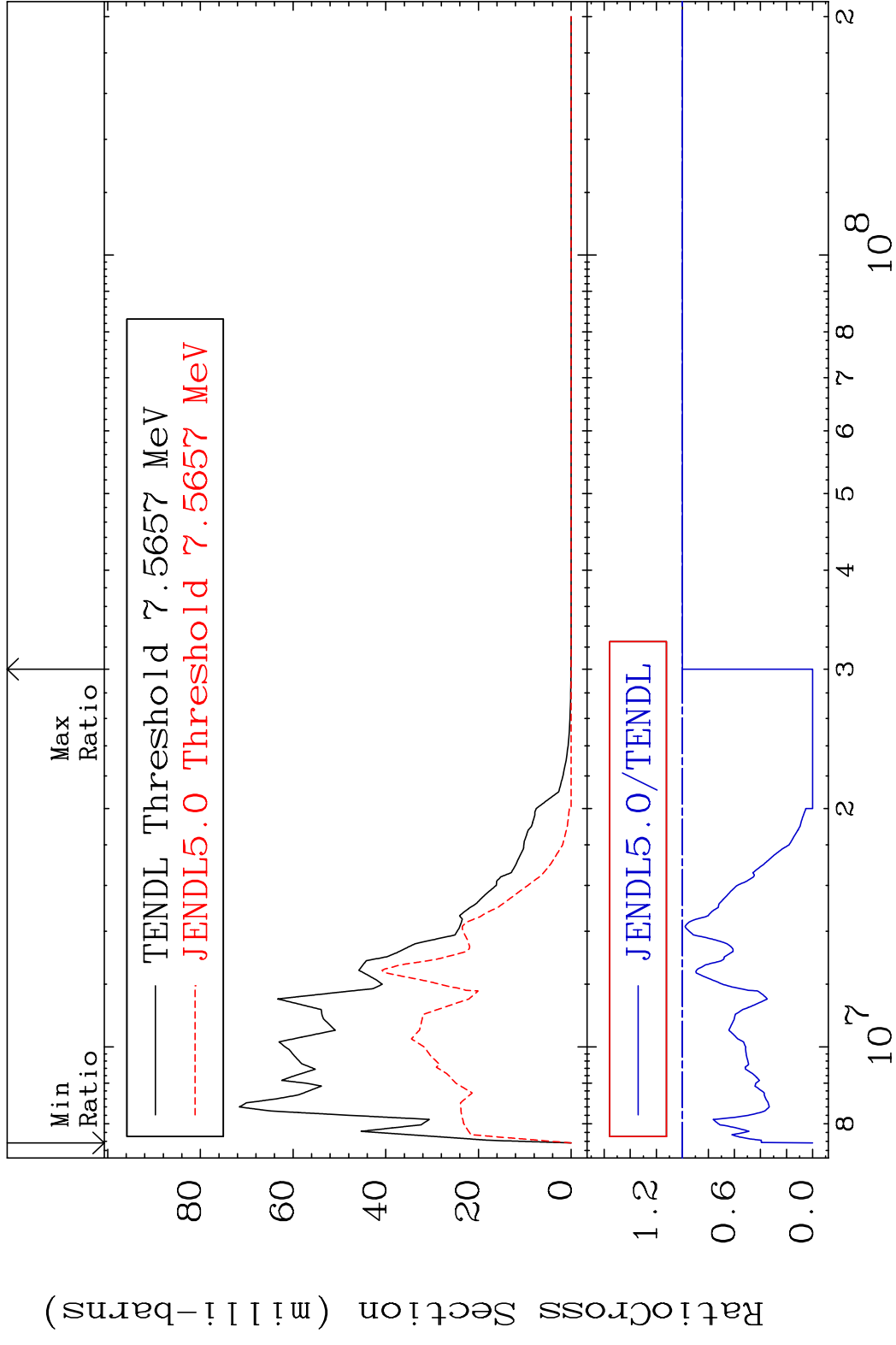
9 8 7 6 5 4 3 2 10<sup>7</sup> 10<sup>8</sup> 8-0 -16

MAT 825 MT= 53 (n, n') Level 8-0 -16  
 Cross Section -100.0 To 13.20 %

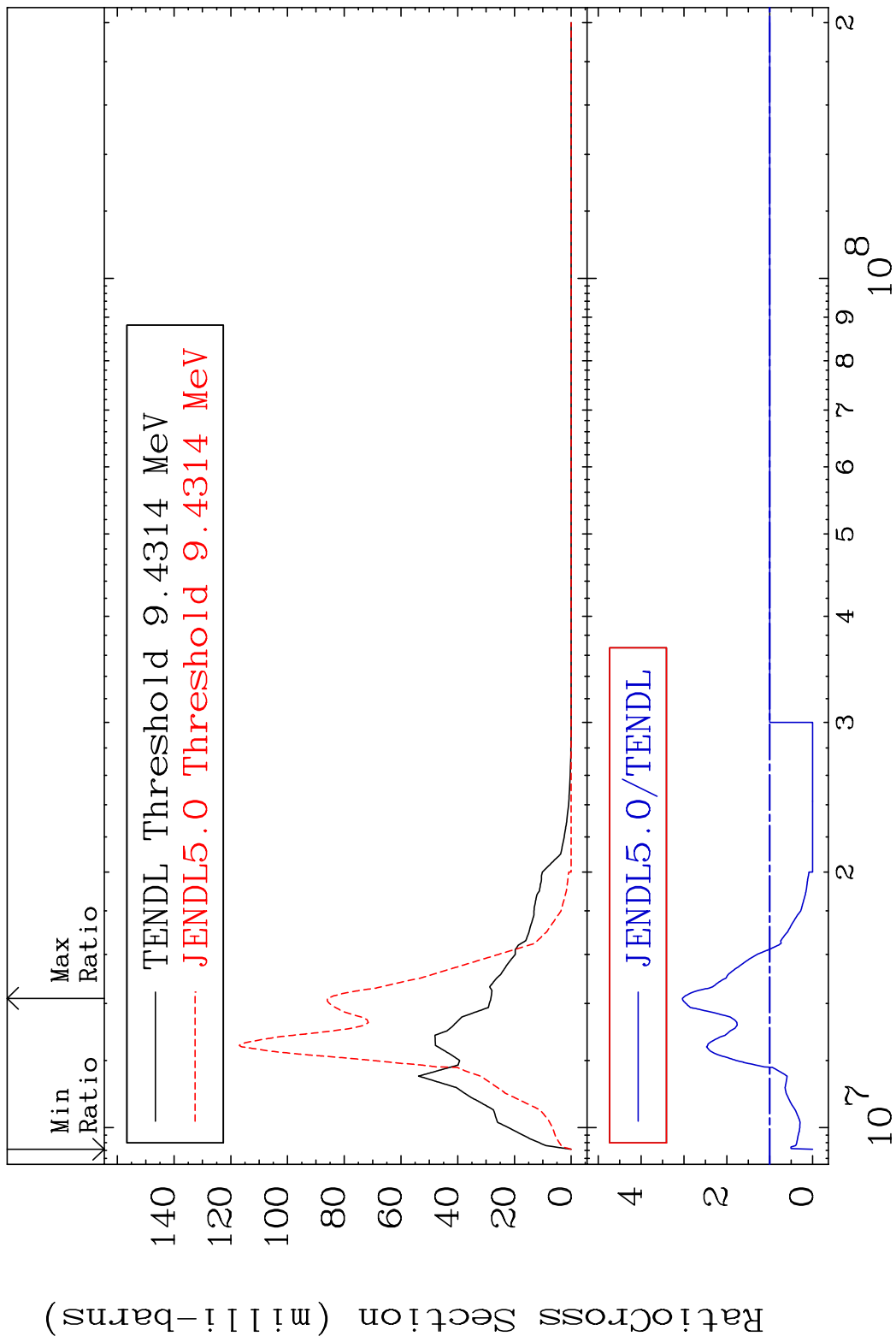


10 8 10<sup>7</sup> 2 8-0 -16

MAT 825 MT= 54 (n, n') Level 8-0 -16  
 Cross Section -100.0 To 0.000 %

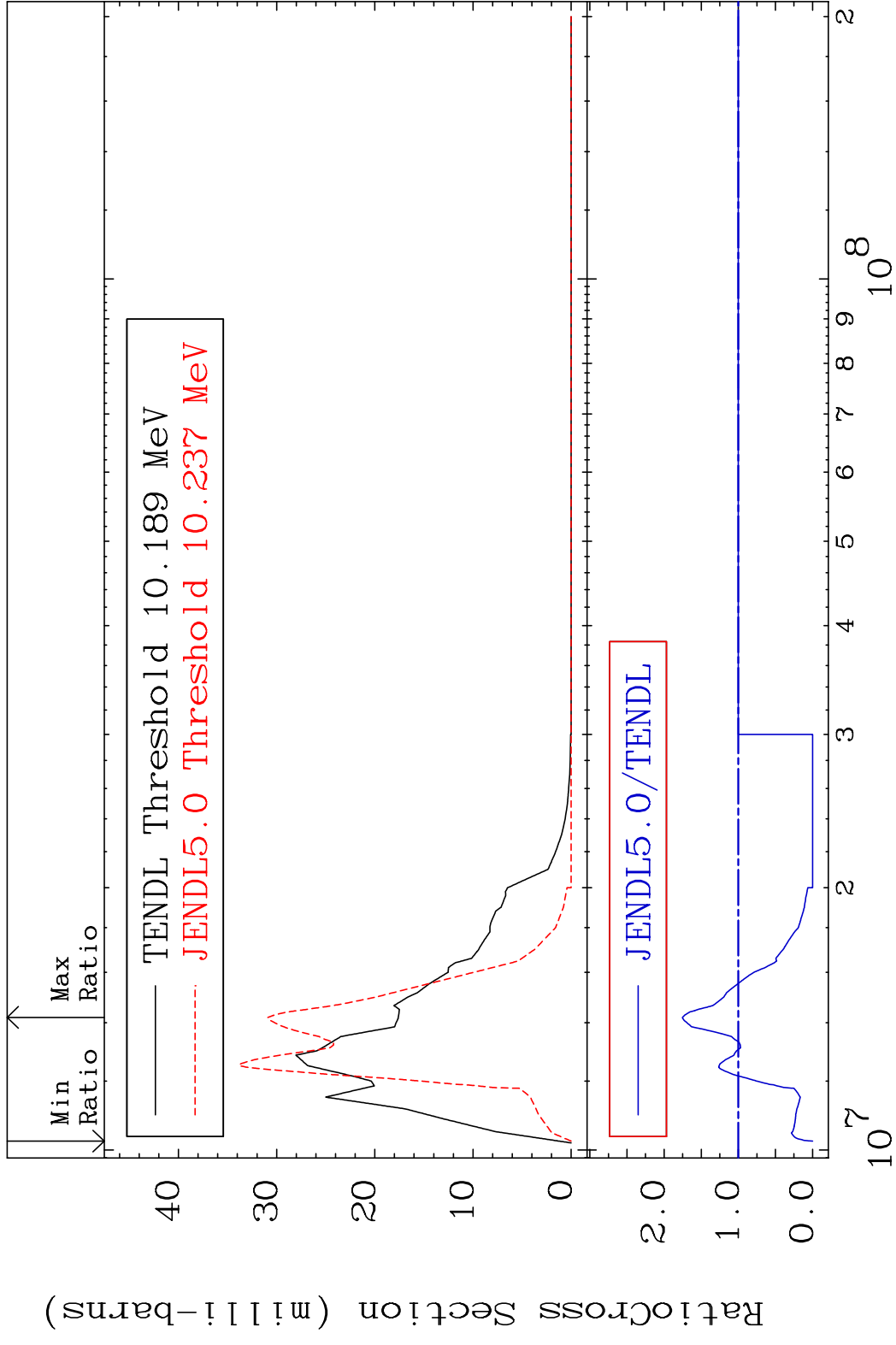


MAT 825 MT= 55 (n,n') Level 8-0 -16  
 Cross Section -100.0 To 203.7 %



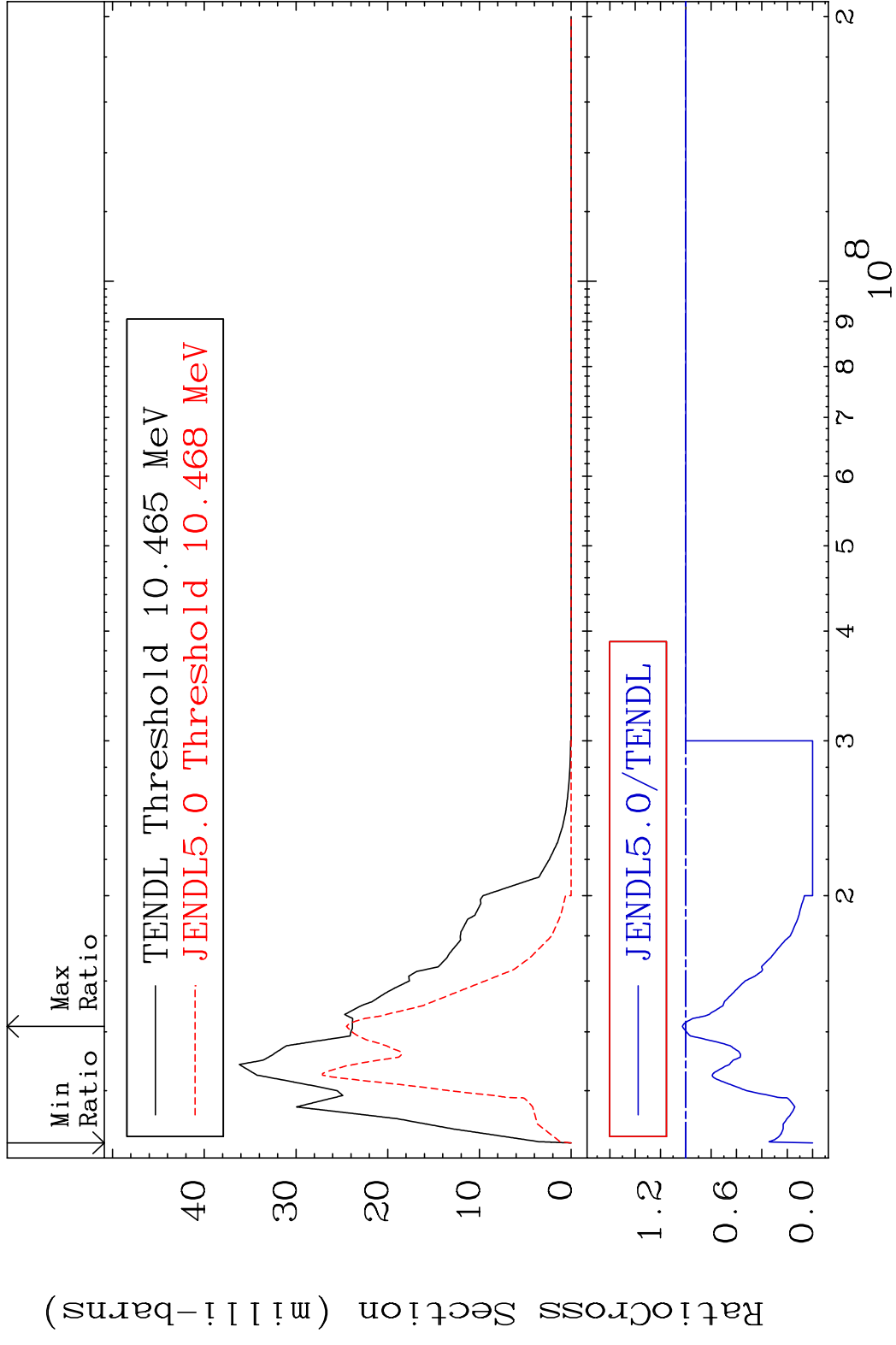
12 8-0 -16

MAT 825 MT= 56 (n,n') Level 8-0 -16  
 Cross Section -100.0 To 75.41 %

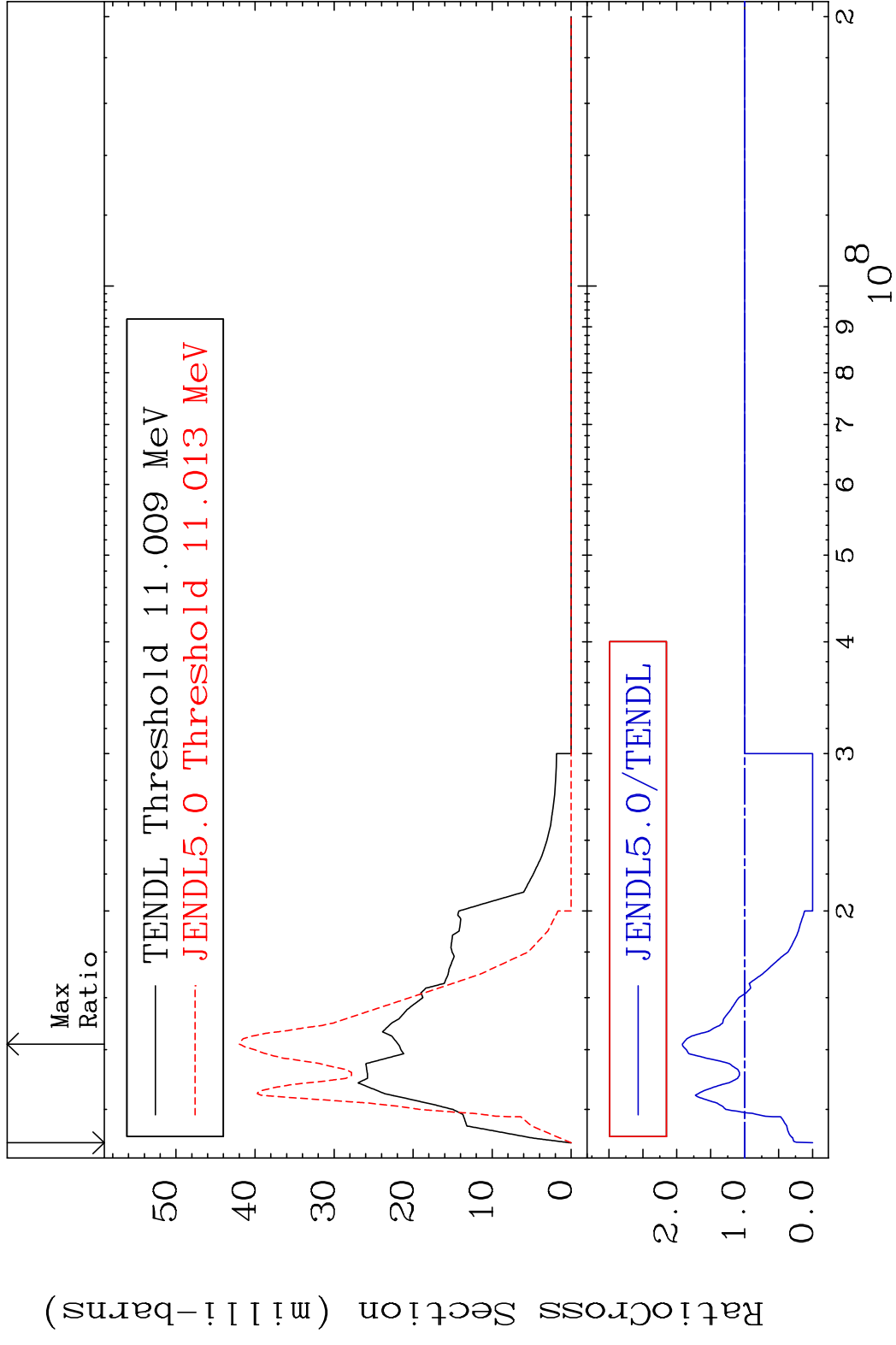


13 Incident Energy (eV) 8-0 -16

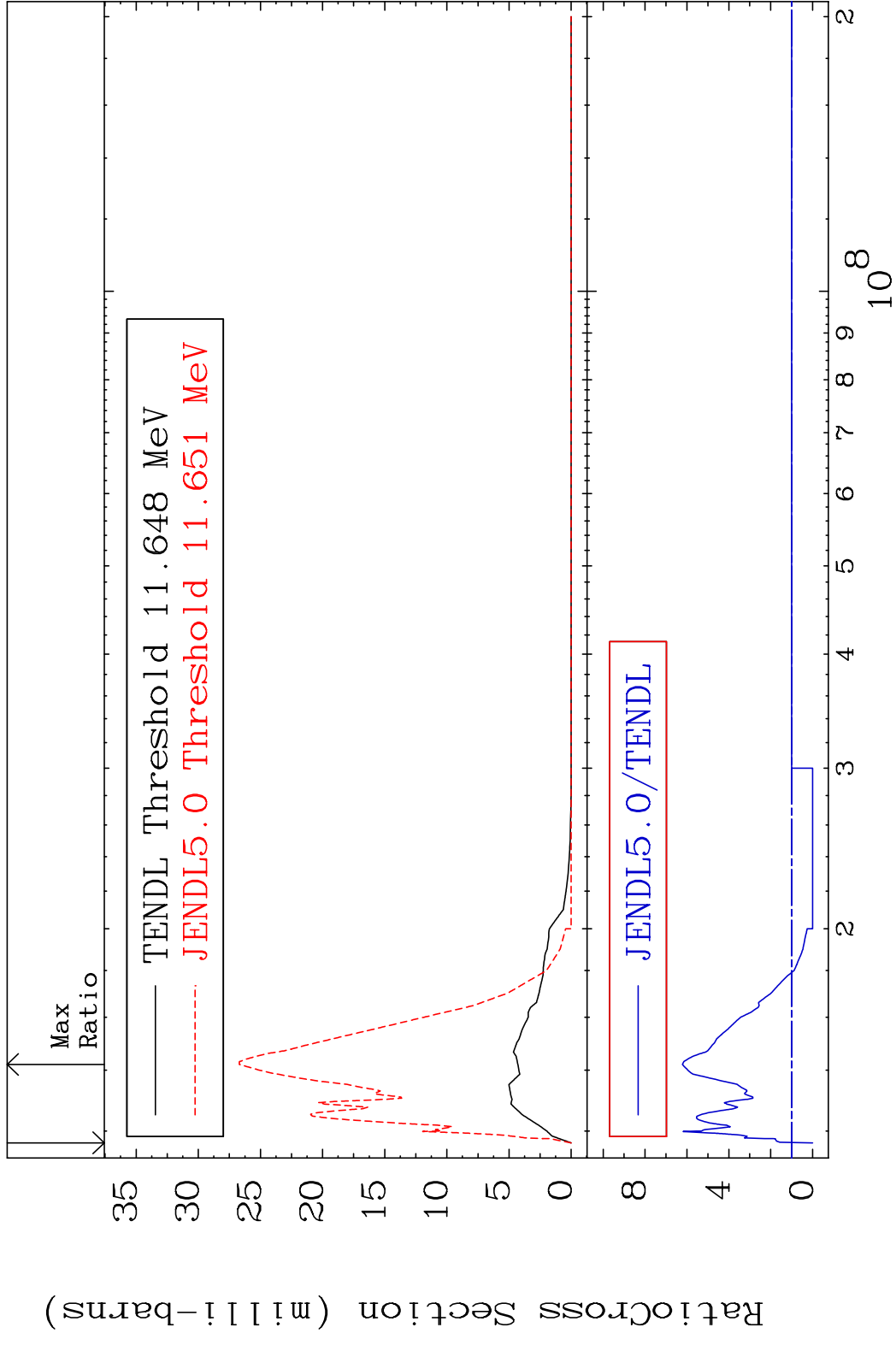
MAT 825 MT= 57 (n, n') Level 8-0 -16  
 Cross Section -100.0 To 2.730 %



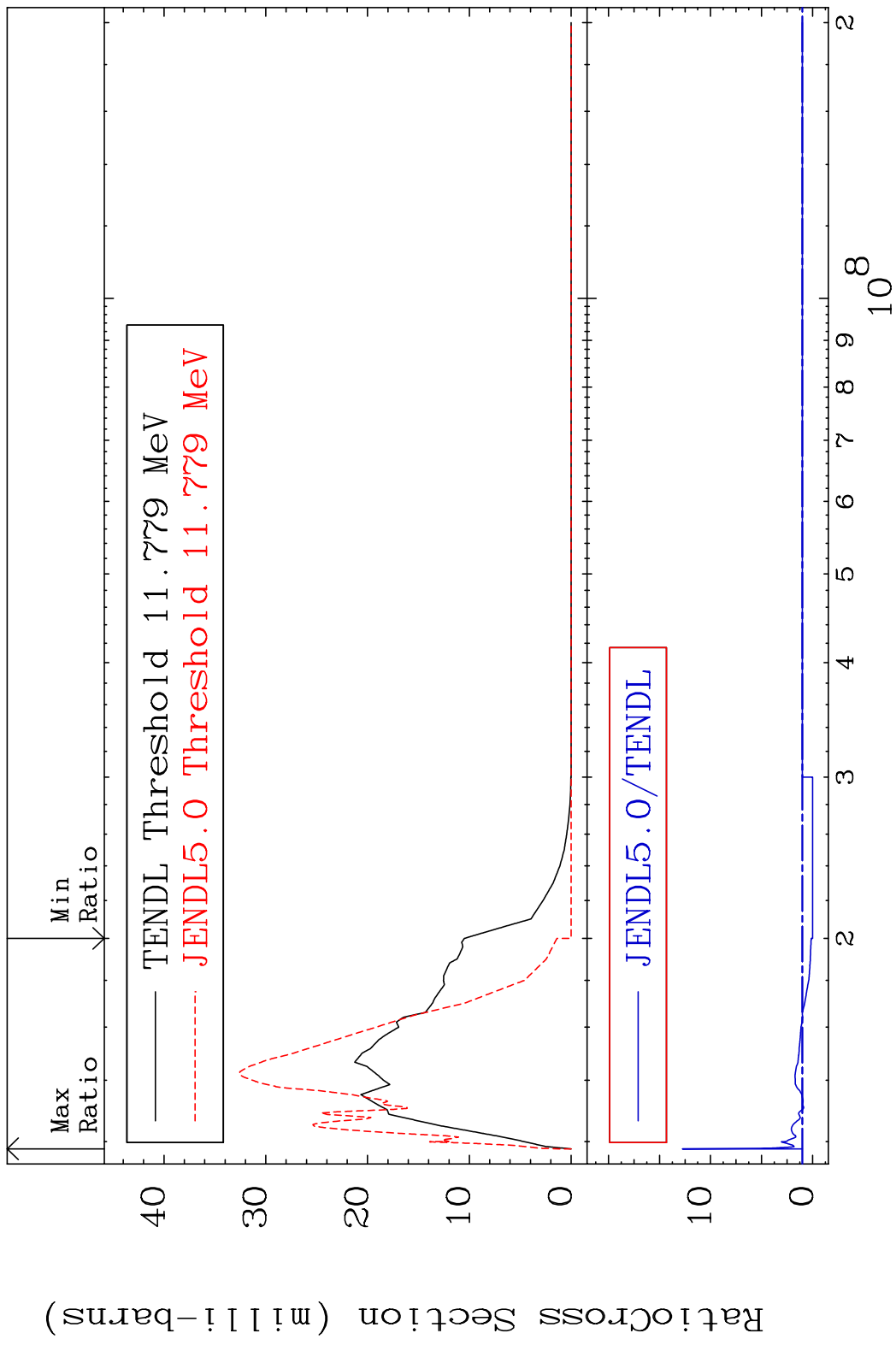
MAT 825 MT= 58 (n, n') Level 8-0 -16  
 Cross Section -100.0 To 91.78 %



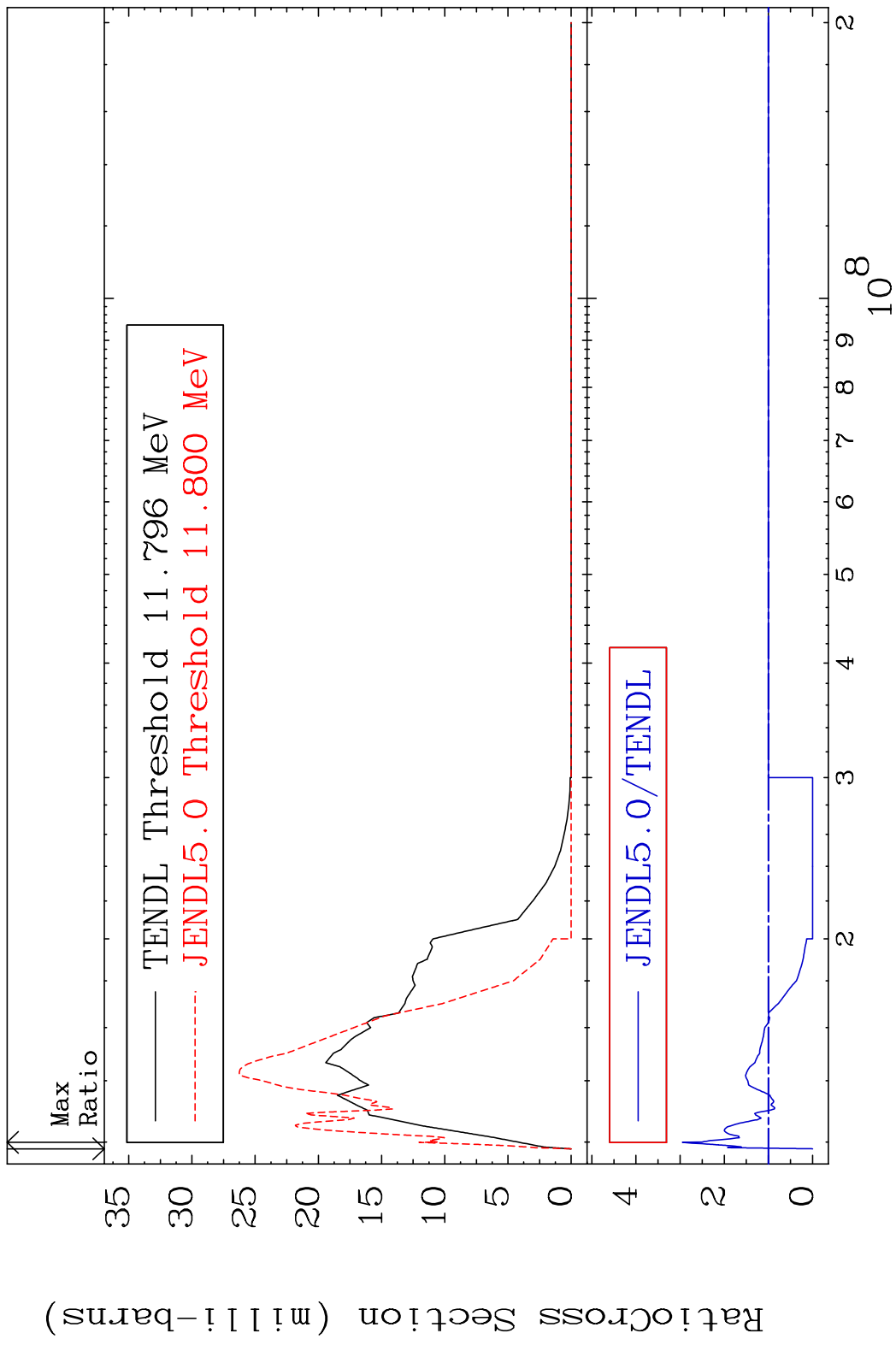
MAT 825 MT= 59 (n, n') Level 8-0 -16  
 Cross Section -100.0 To 521.8 %



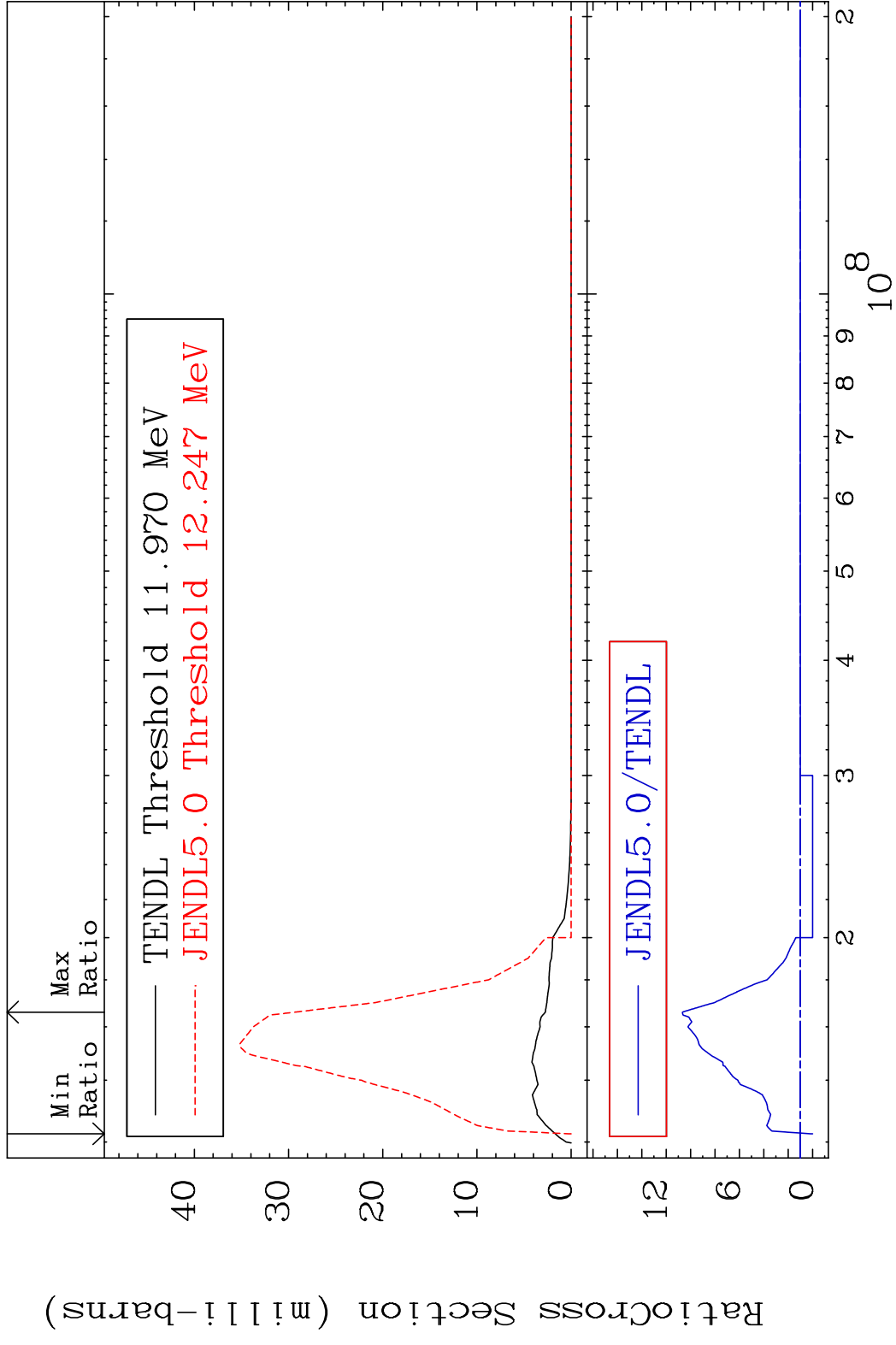
MAT 825 MT= 60 (n,n') Level 8-0 -16  
 Cross Section -100.0 To 1176. %



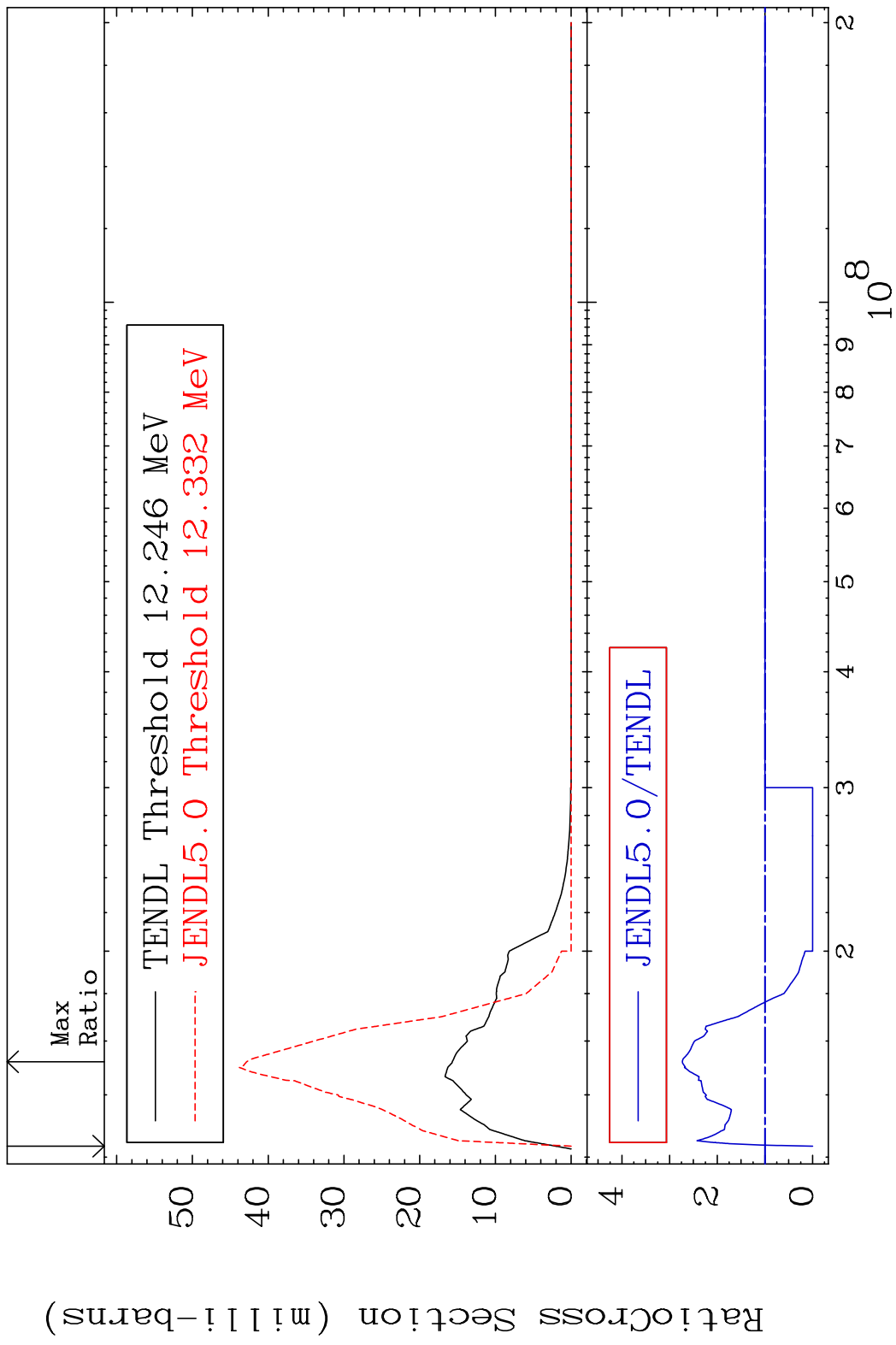
MAT 825 MT= 61 (n,n') Level 8-0 -16  
 Cross Section -100.0 To 194.9 %



MAT 825 MT= 62 (n, n') Level 8-0 -16  
 Cross Section -100.0 To 967.1 %

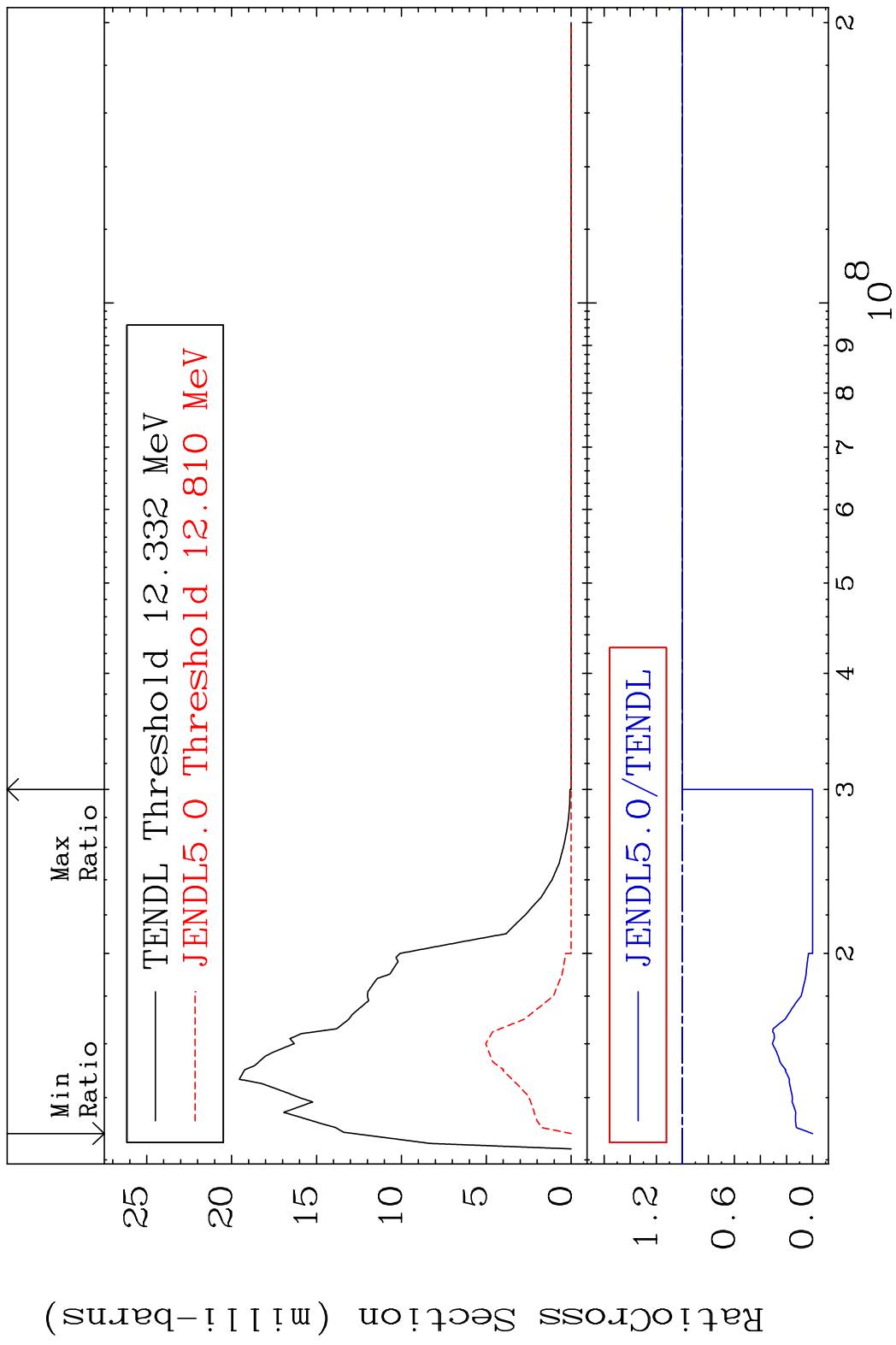


MAT 825 MT= 63 (n, n') Level 8-0 -16  
 Cross Section -100.0 To 173.2 %

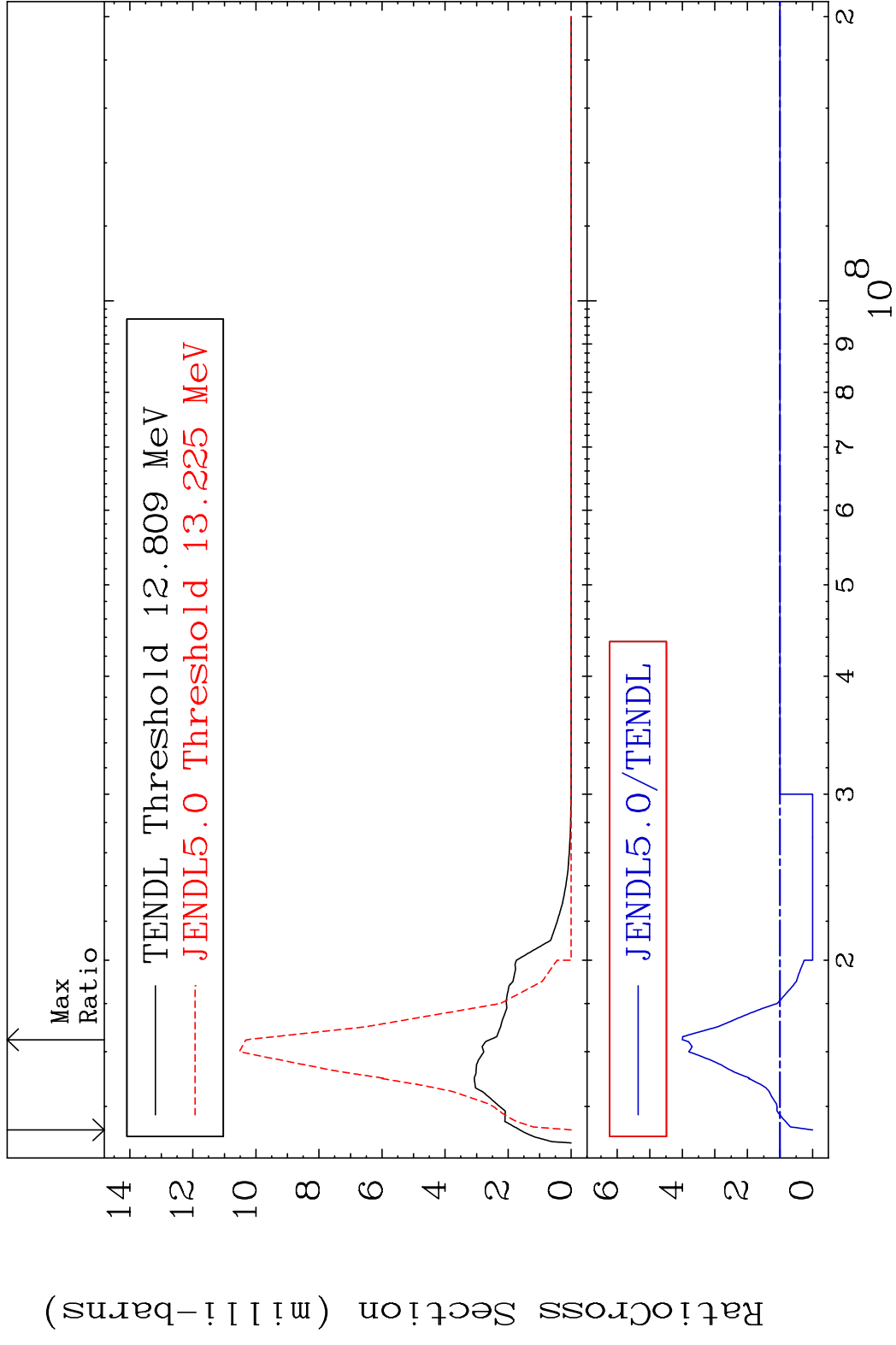


20 8-0 -16

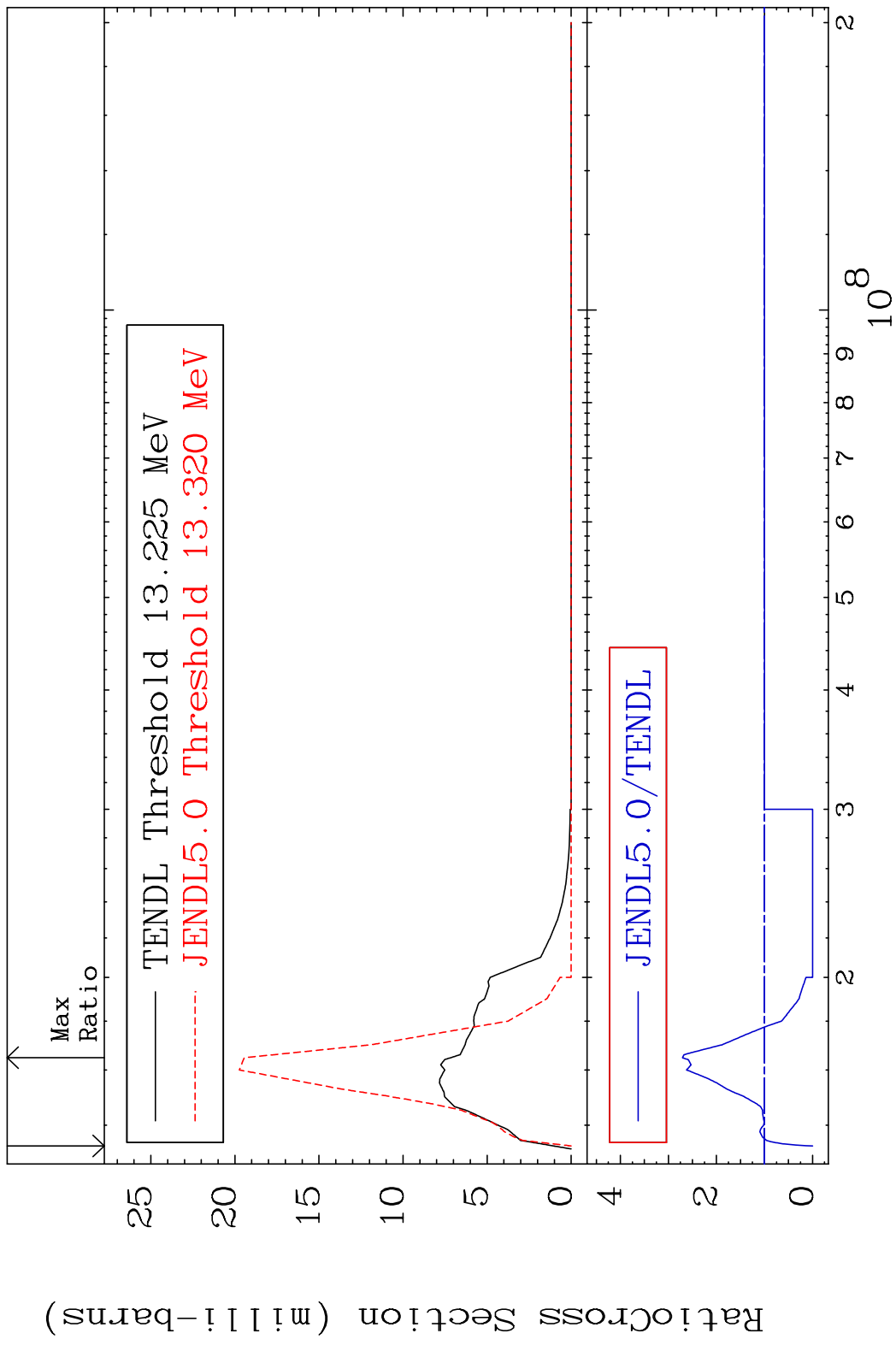
MAT 825 MT= 64 (n, n') Level 8-0 -16  
 Cross Section -100.0 To 0.000 %



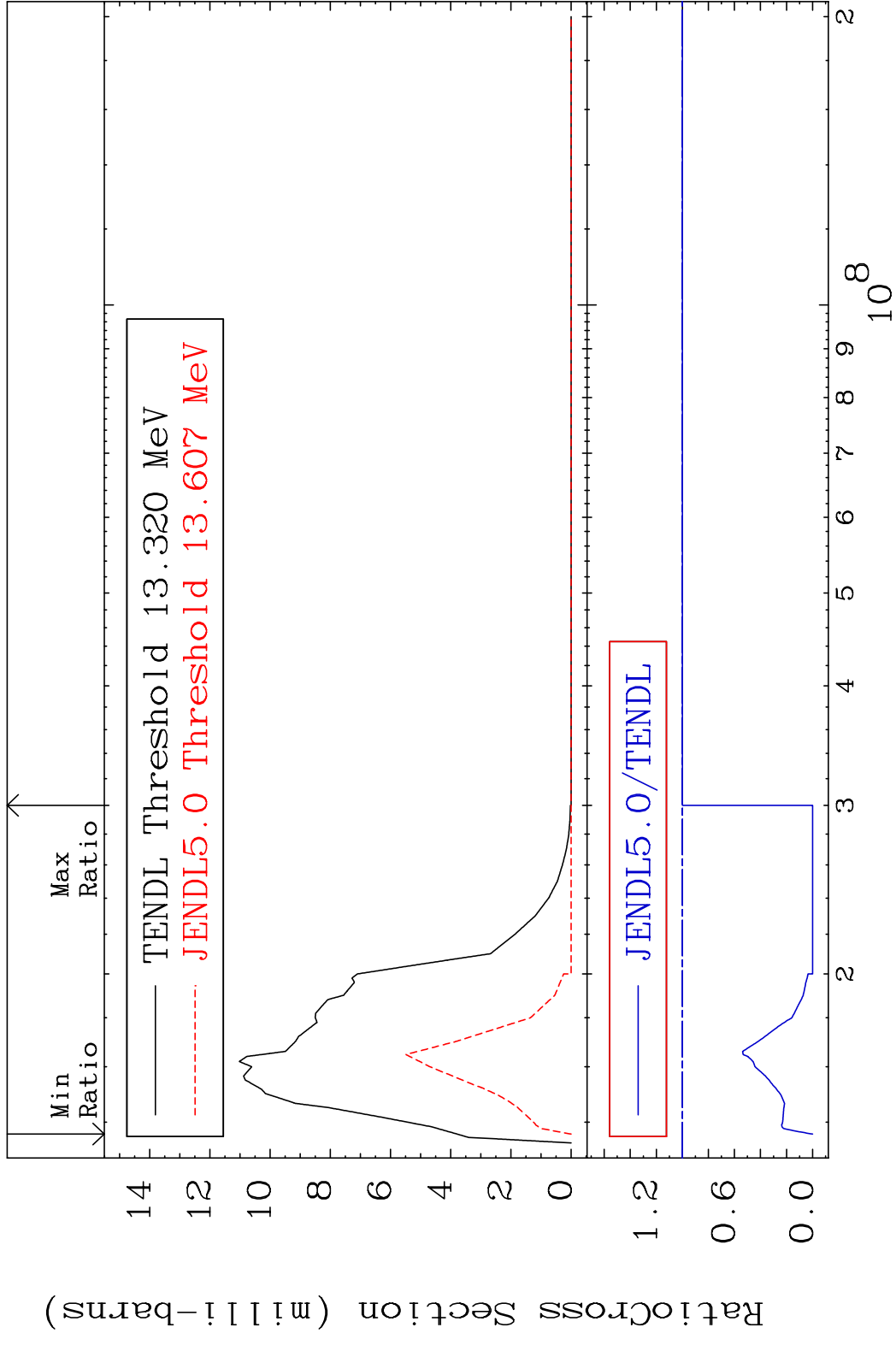
MAT 825 MT= 65 (n,n') Level 8-0 -16  
 Cross Section -100.0 To 299.8 %



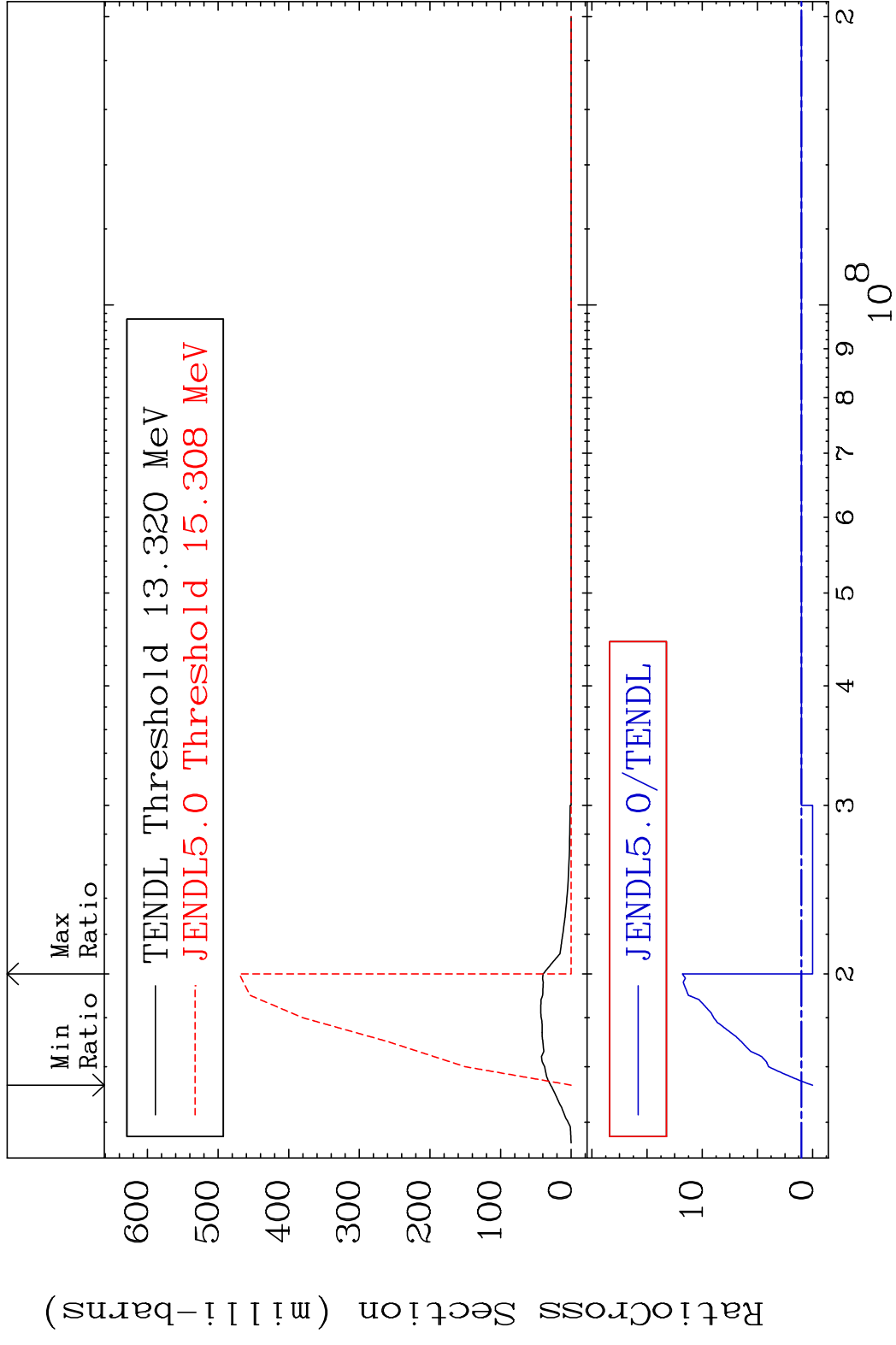
MAT 825 MT= 66 (n, n') Level 8-0 -16  
 Cross Section -100.0 To 171.0 %



MAT 825 MT= 67 (n, n') Level 8-0 -16  
 Cross Section -100.0 To 0.000 %



MAT 825 (n,n') Continuum 8-0 -16  
 Cross Section -100.0 To 1080. %

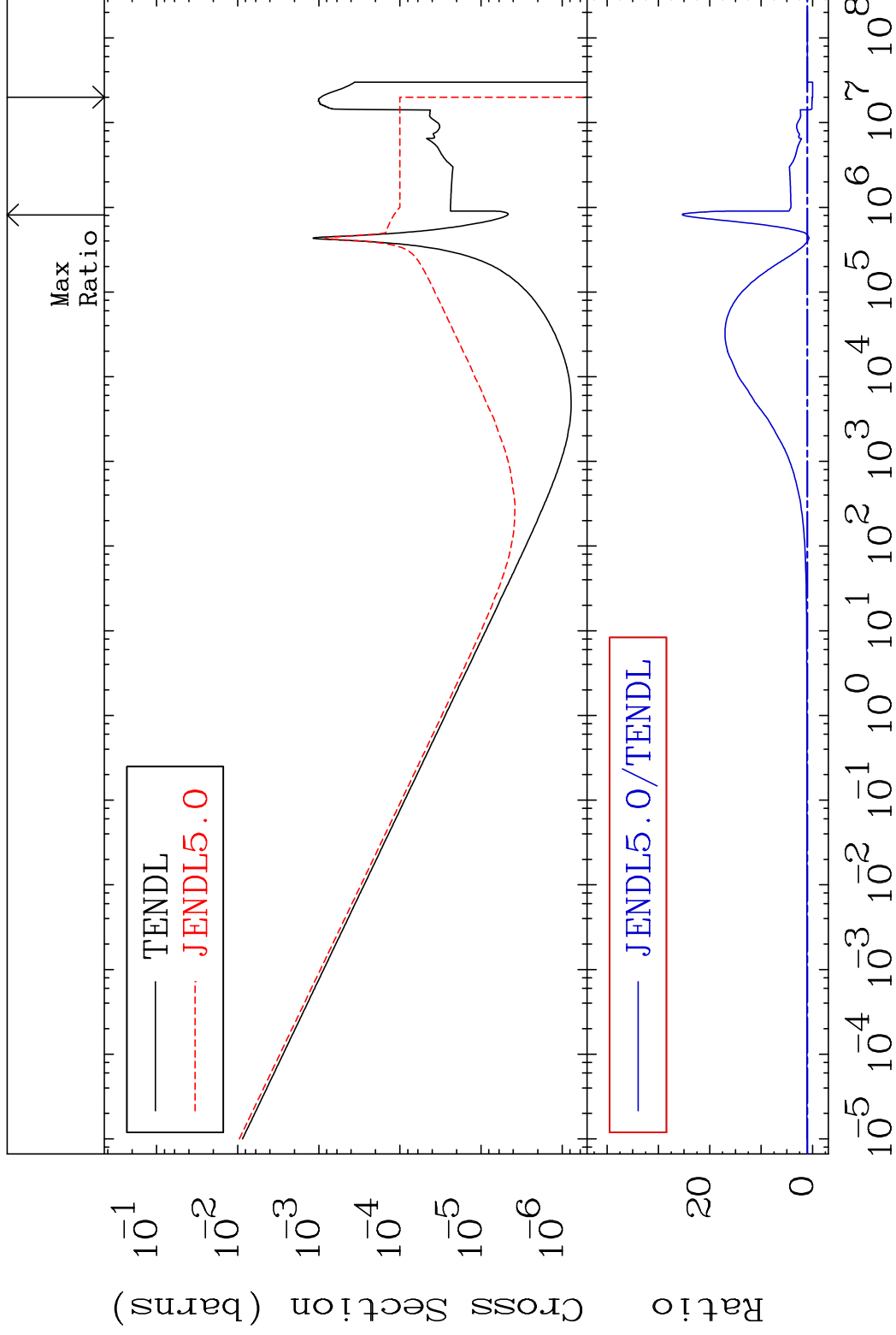


MAT 825

(n,  $\gamma$ )

8-0 -16

Cross Section -100.0 To 2434. %

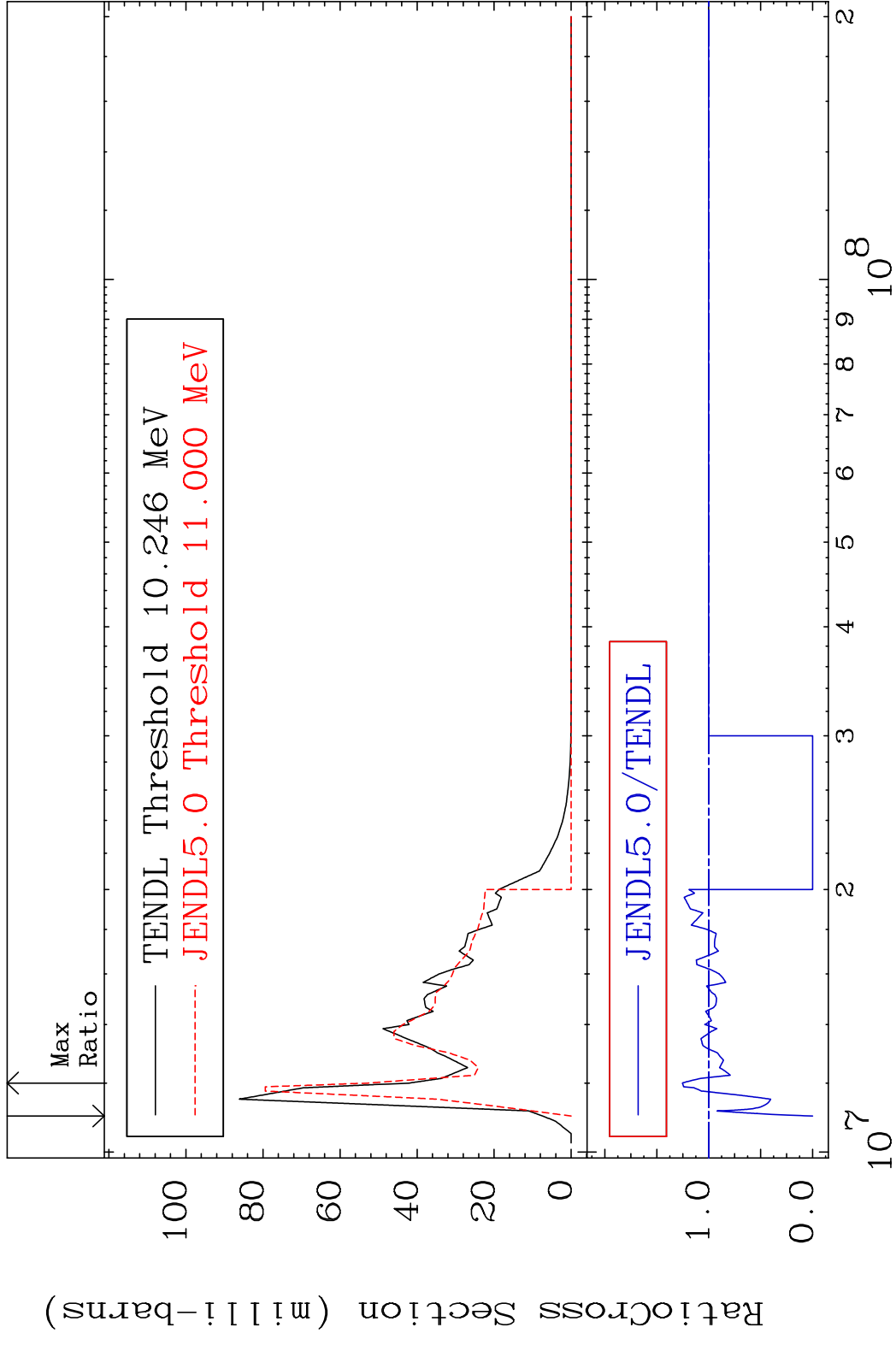


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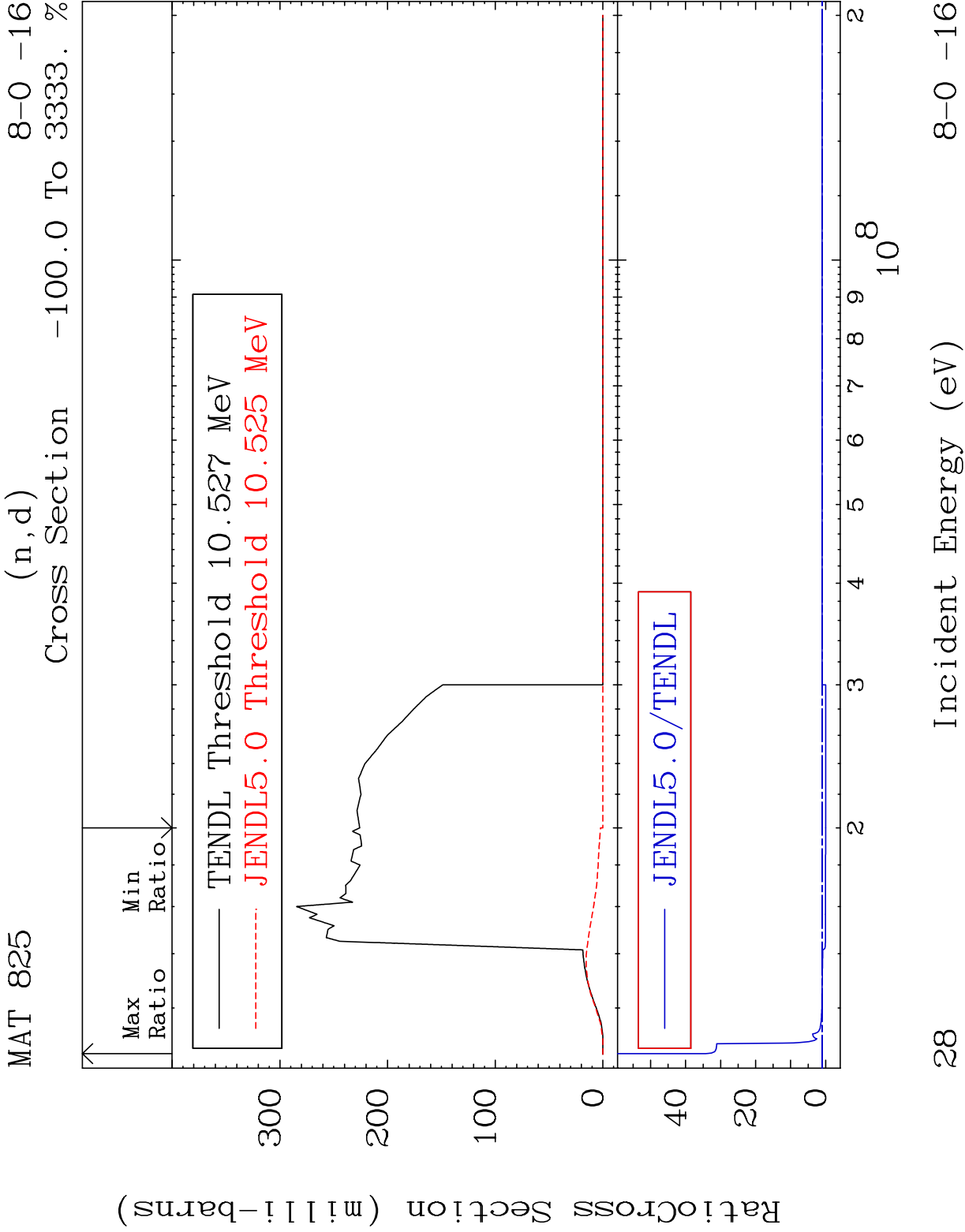
Incident Energy (eV)

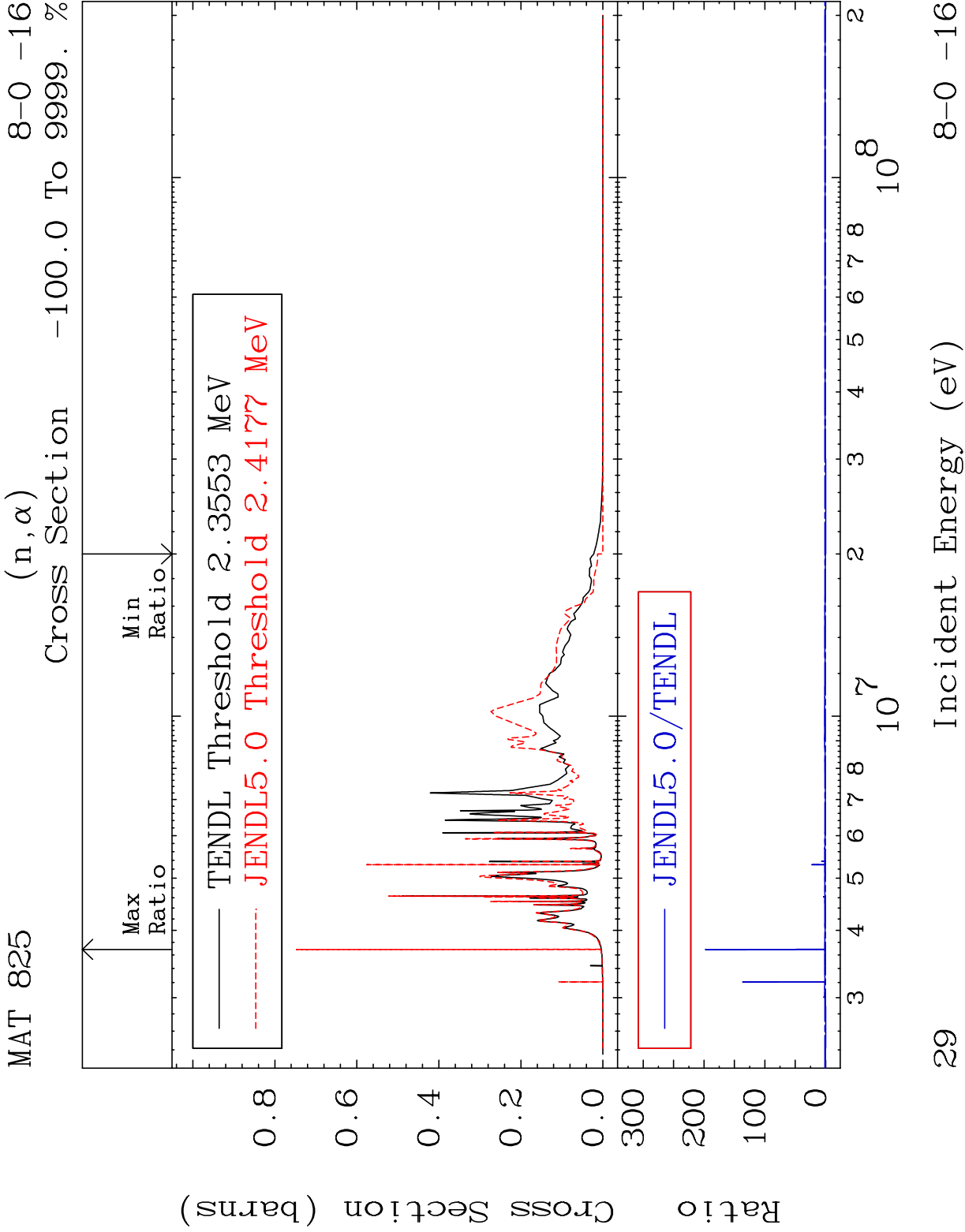
8-0 -16

MAT 825 (n,p) Cross Section -100.0 To 25.40 % 8-0 -16

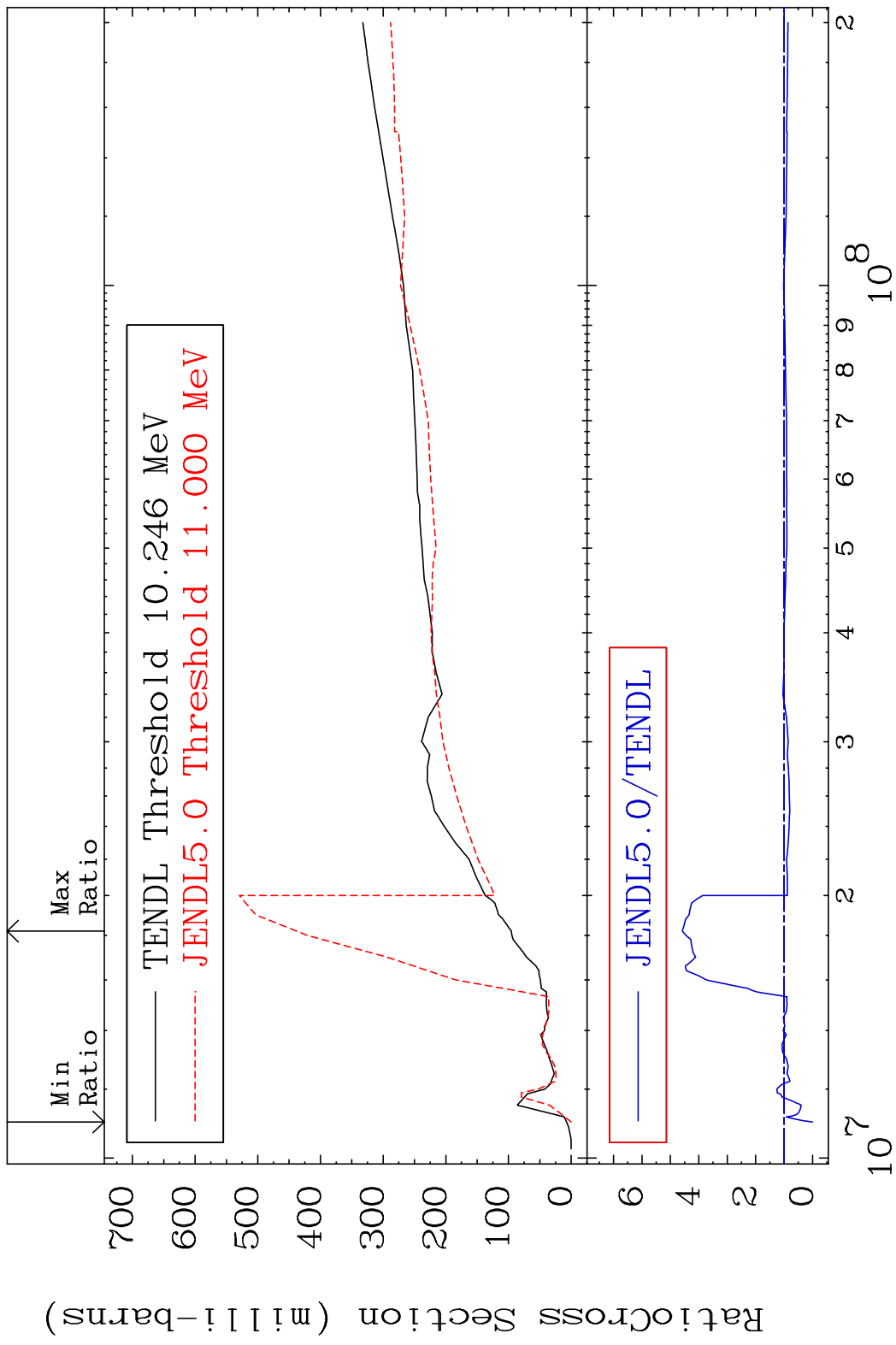


27 8-0 -16



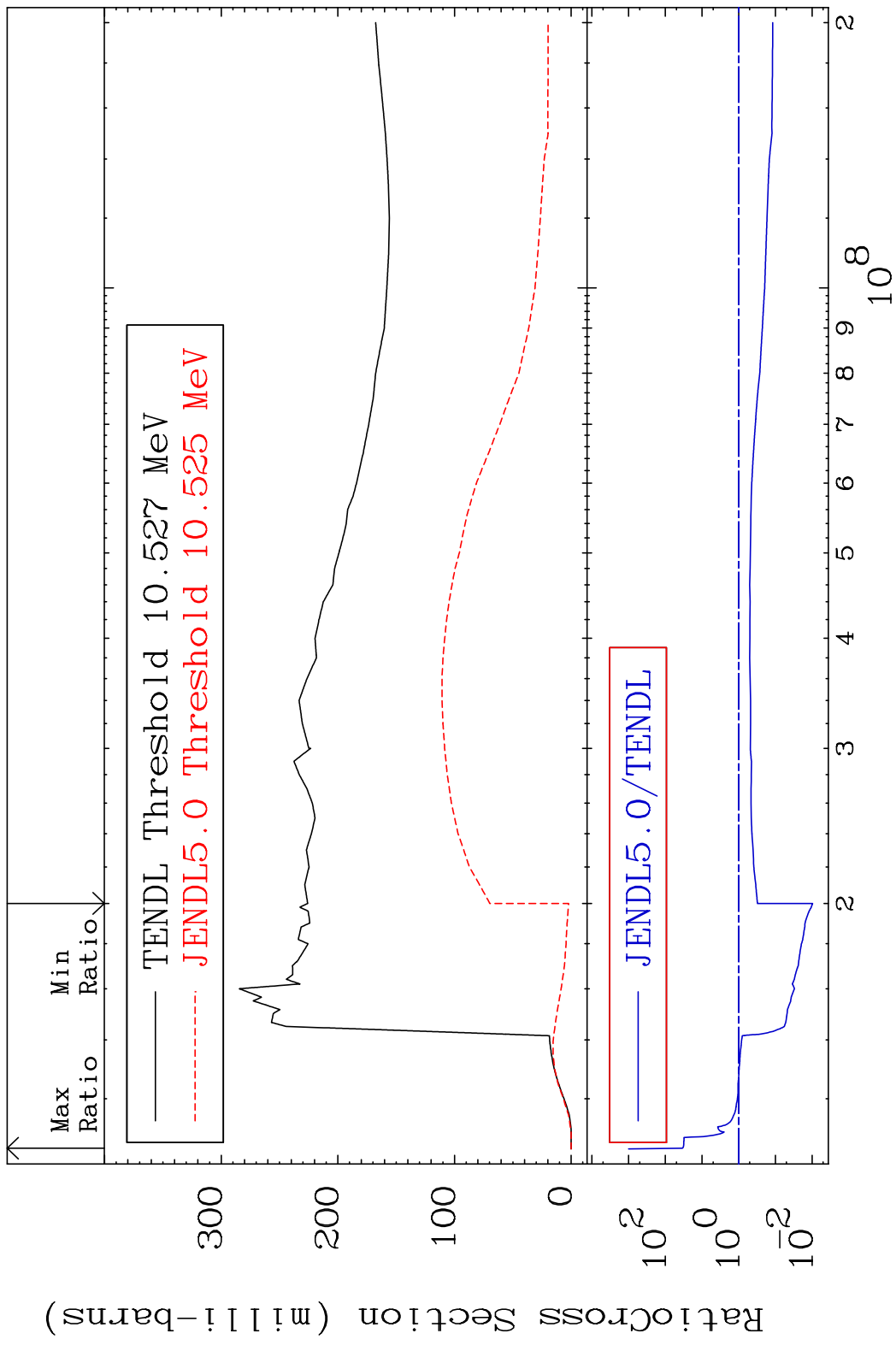


MAT 825 Hydrogen Production 8-0 -16  
 Cross Section -100.0 To 357.9 %

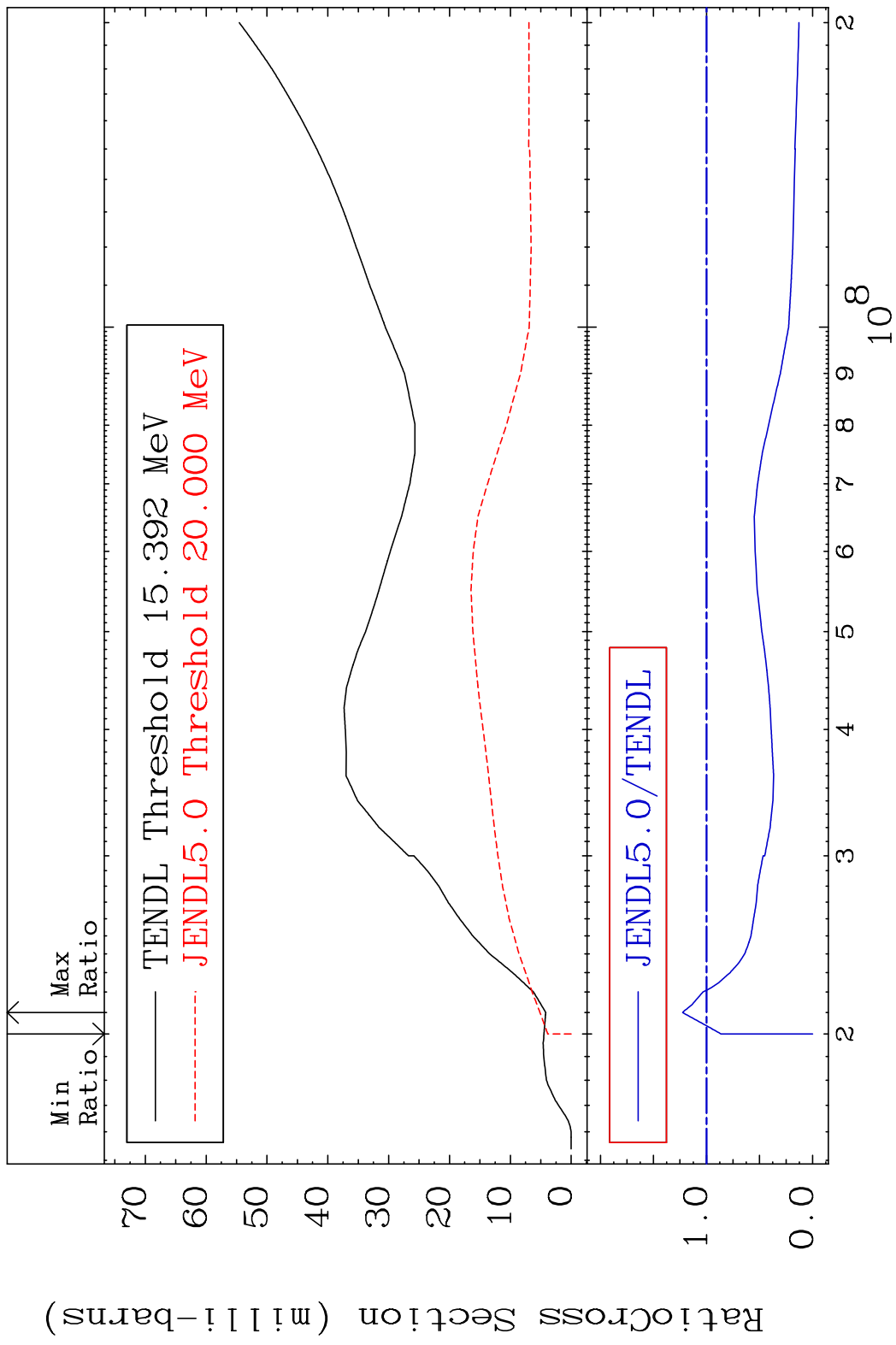


30 Incident Energy (eV) 8-0 -16

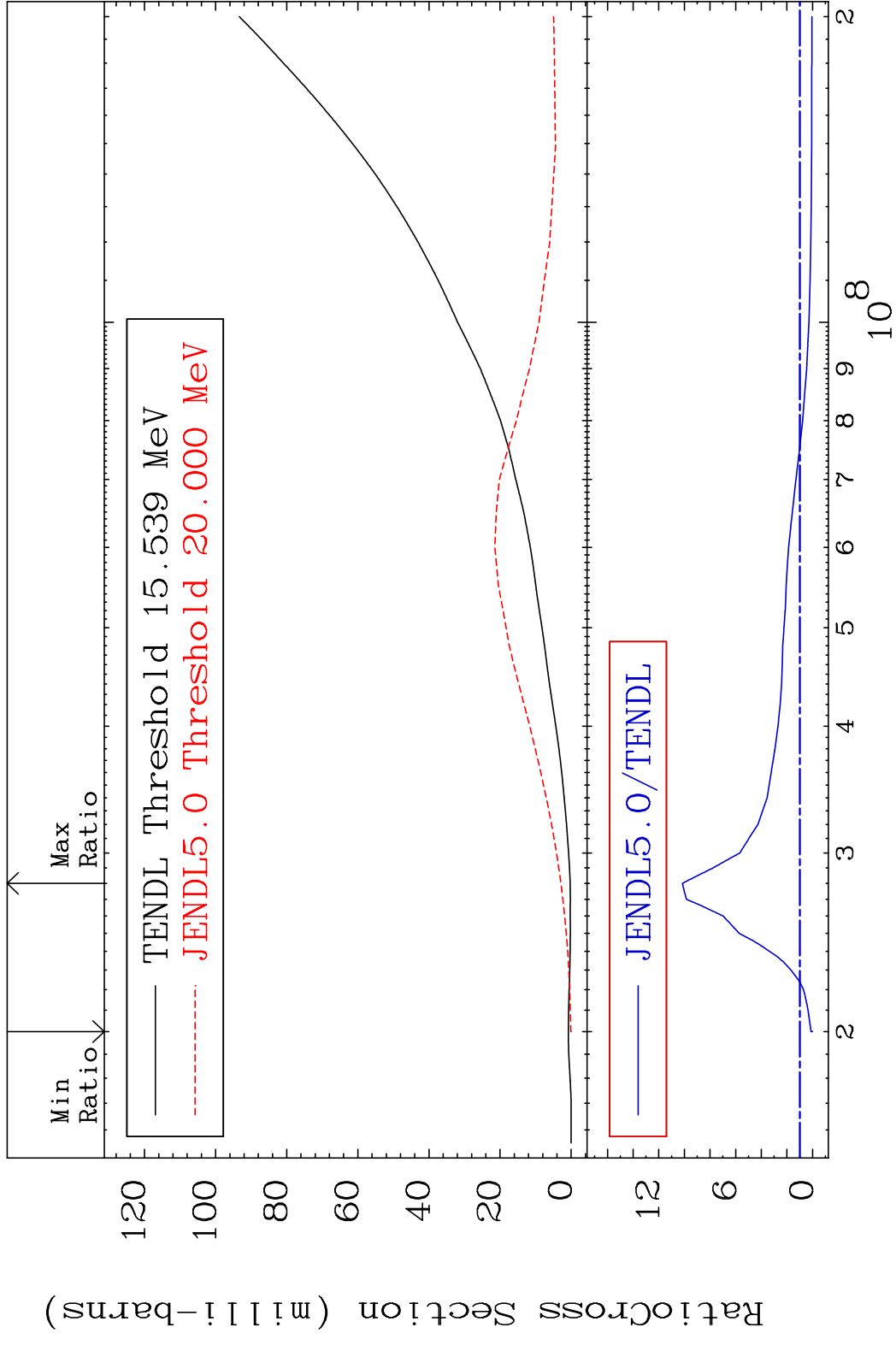
MAT 825 Deuterium Production 8-0 -16  
 Cross Section -99.03 To 3333. %



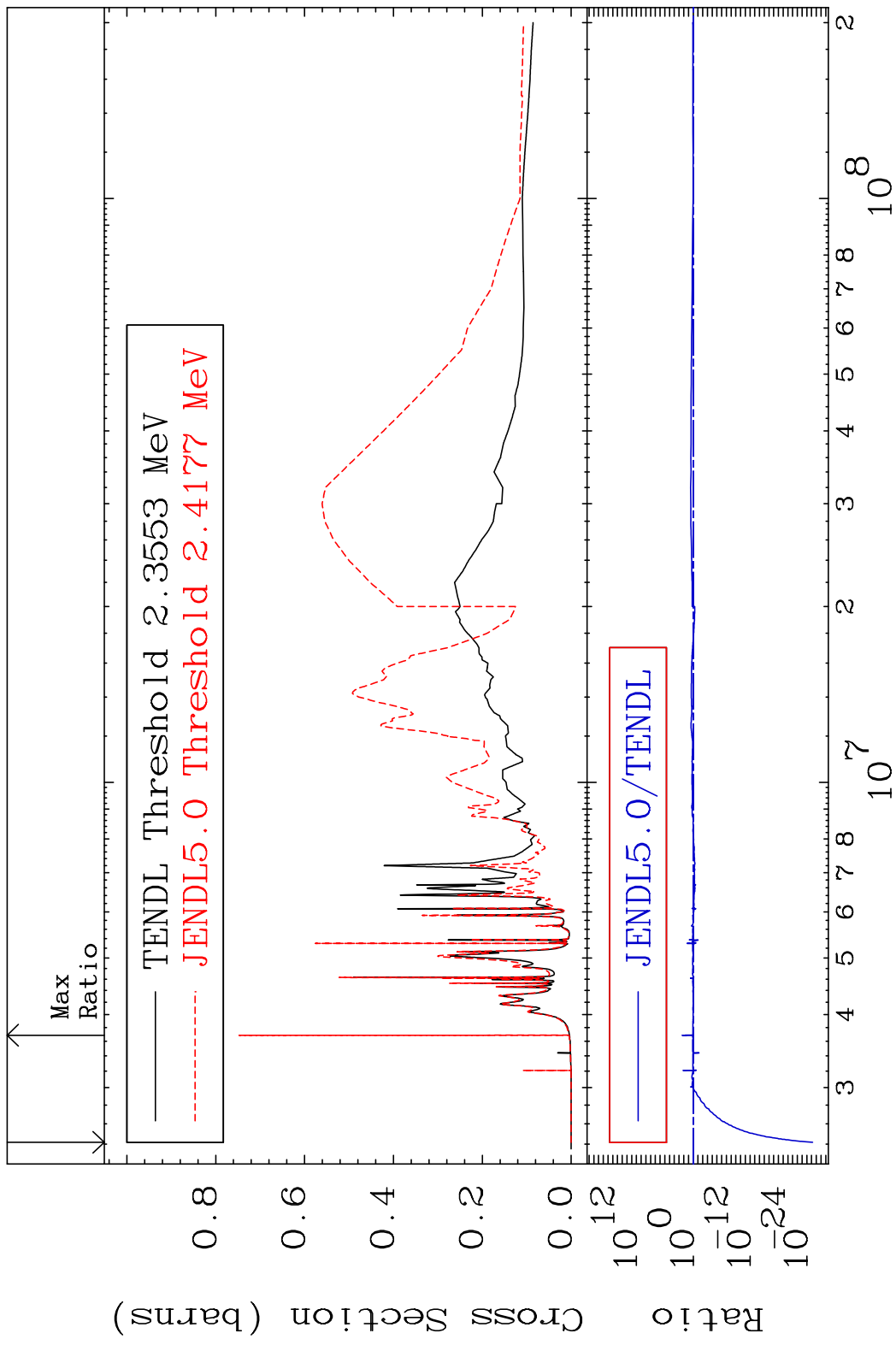
MAT 825 Tritium Production 8-0 -16  
 Cross Section -100.0 To 22.75 %



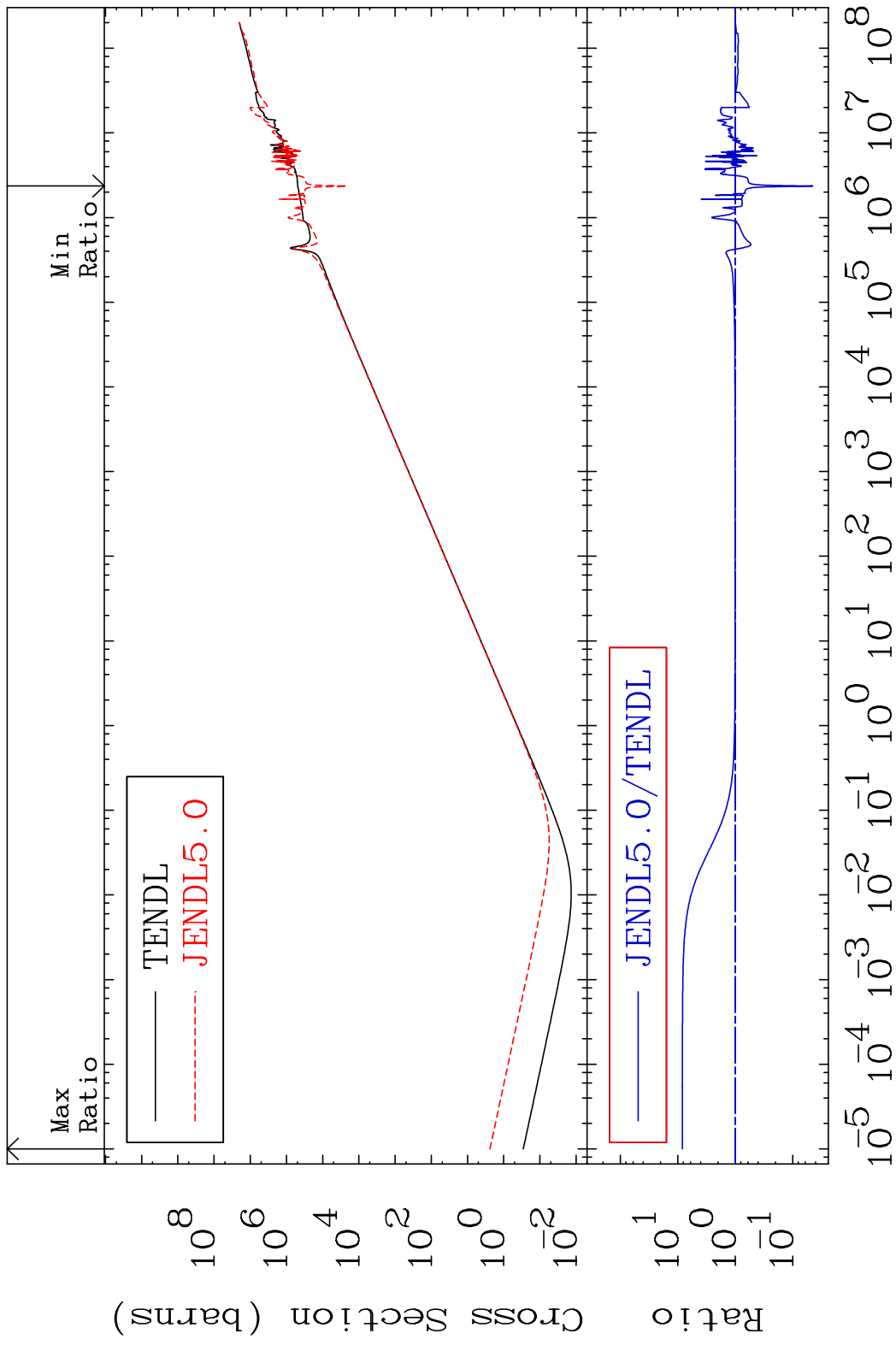
MAT 825 He-3 Production Cross Section -100.0 To 916.0 % 8-0 -16



MAT 825 He-4 Production 8-0 -16  
 Cross Section -100.0 To 9999. %



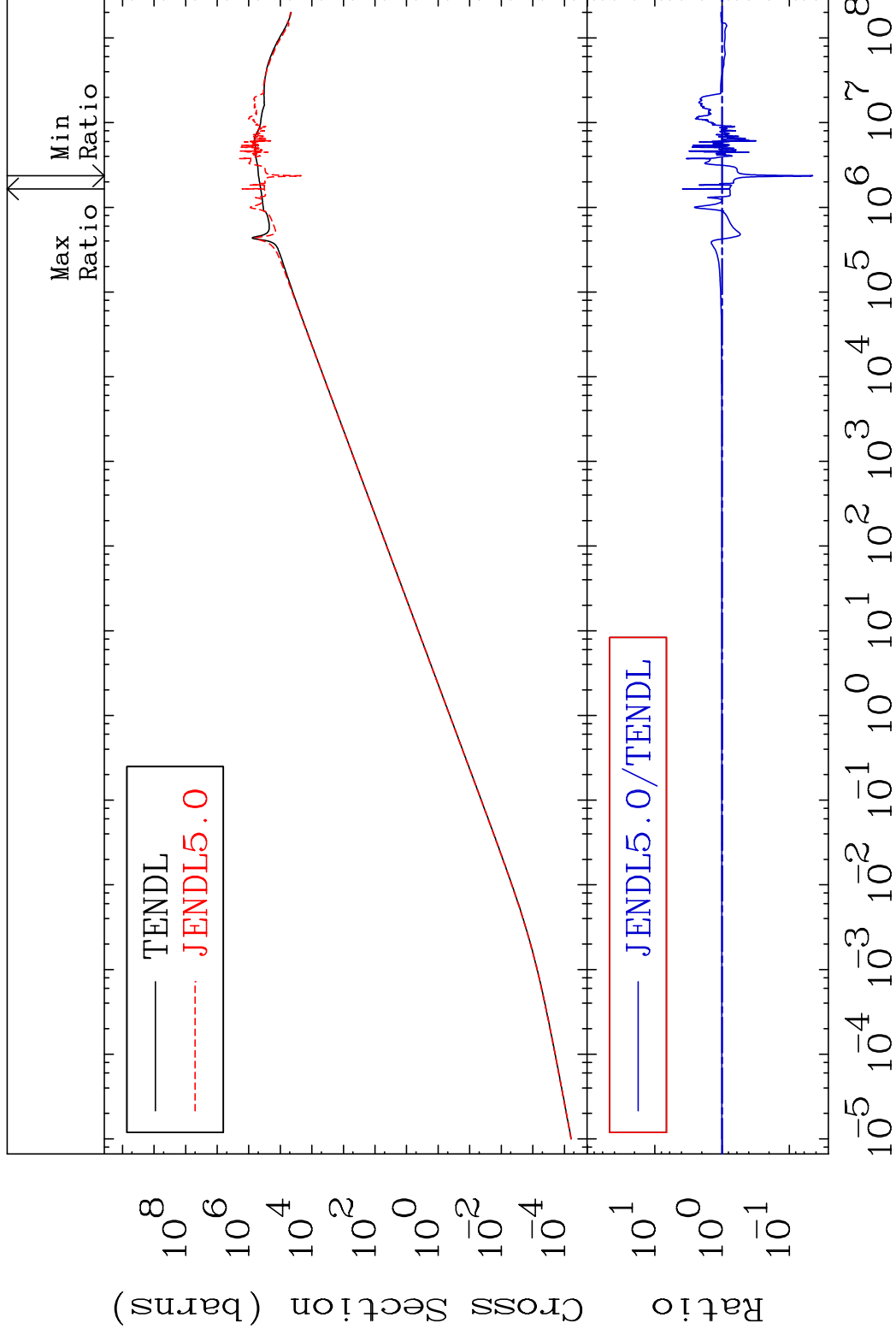
MAT 825 Kerma total (eV-barns) 8-0 -16  
 Cross Section -95.50 To 733.2 %



MAT 825

Kerma elastic  
Cross Section

-95.50 To 289.3 %  
8-0 -16

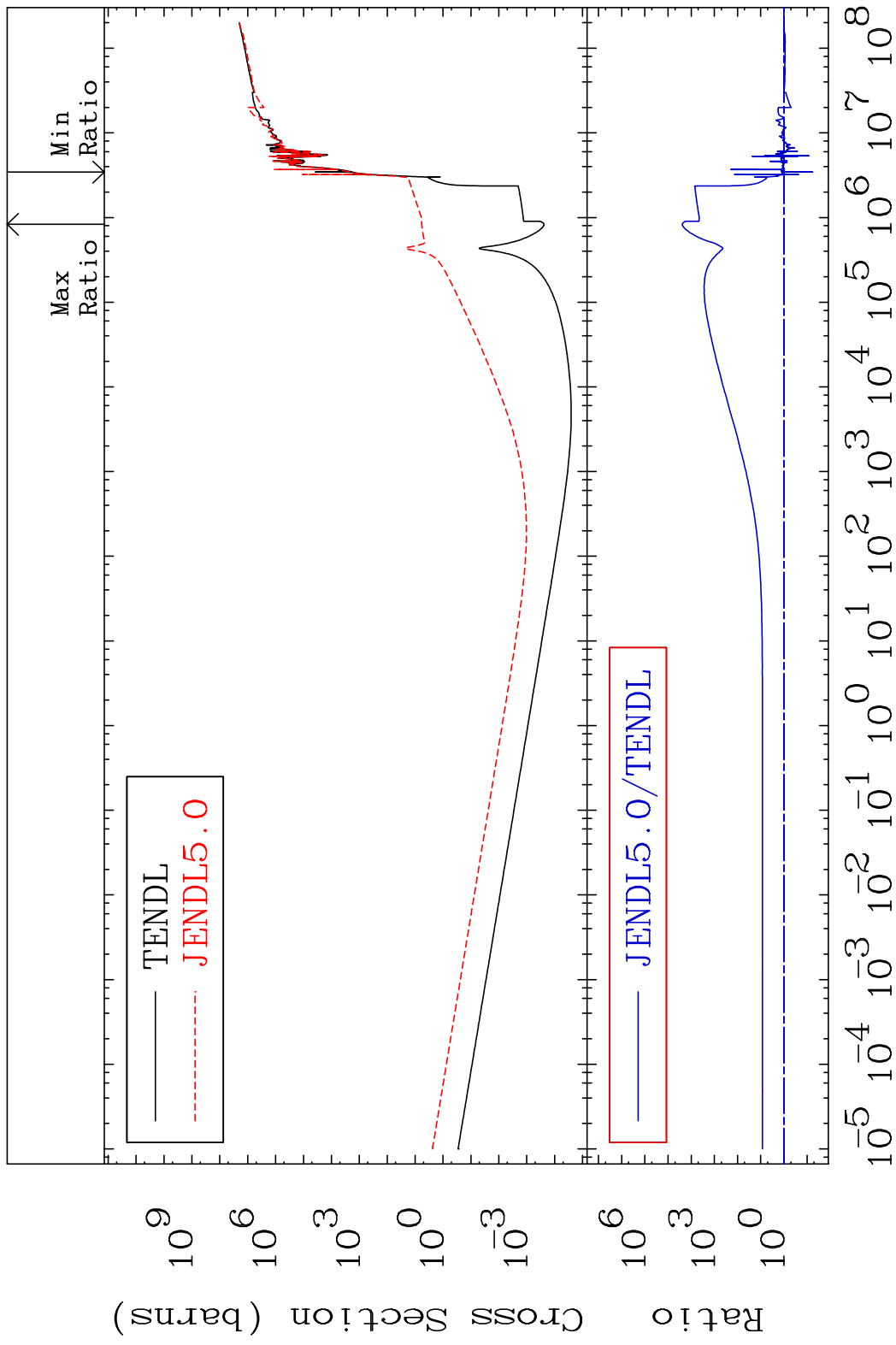


36

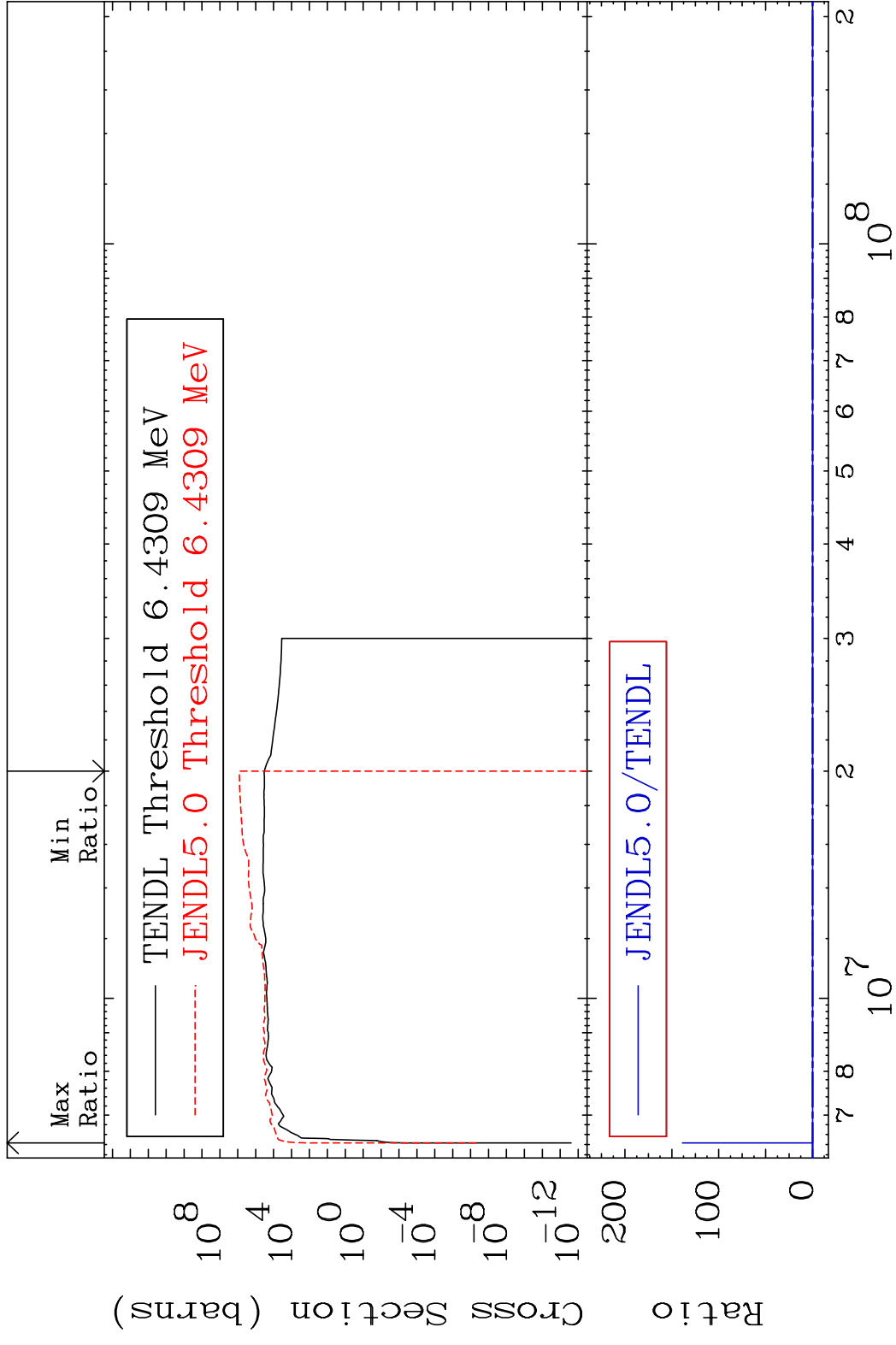
Incident Energy (eV)

8-0 -16

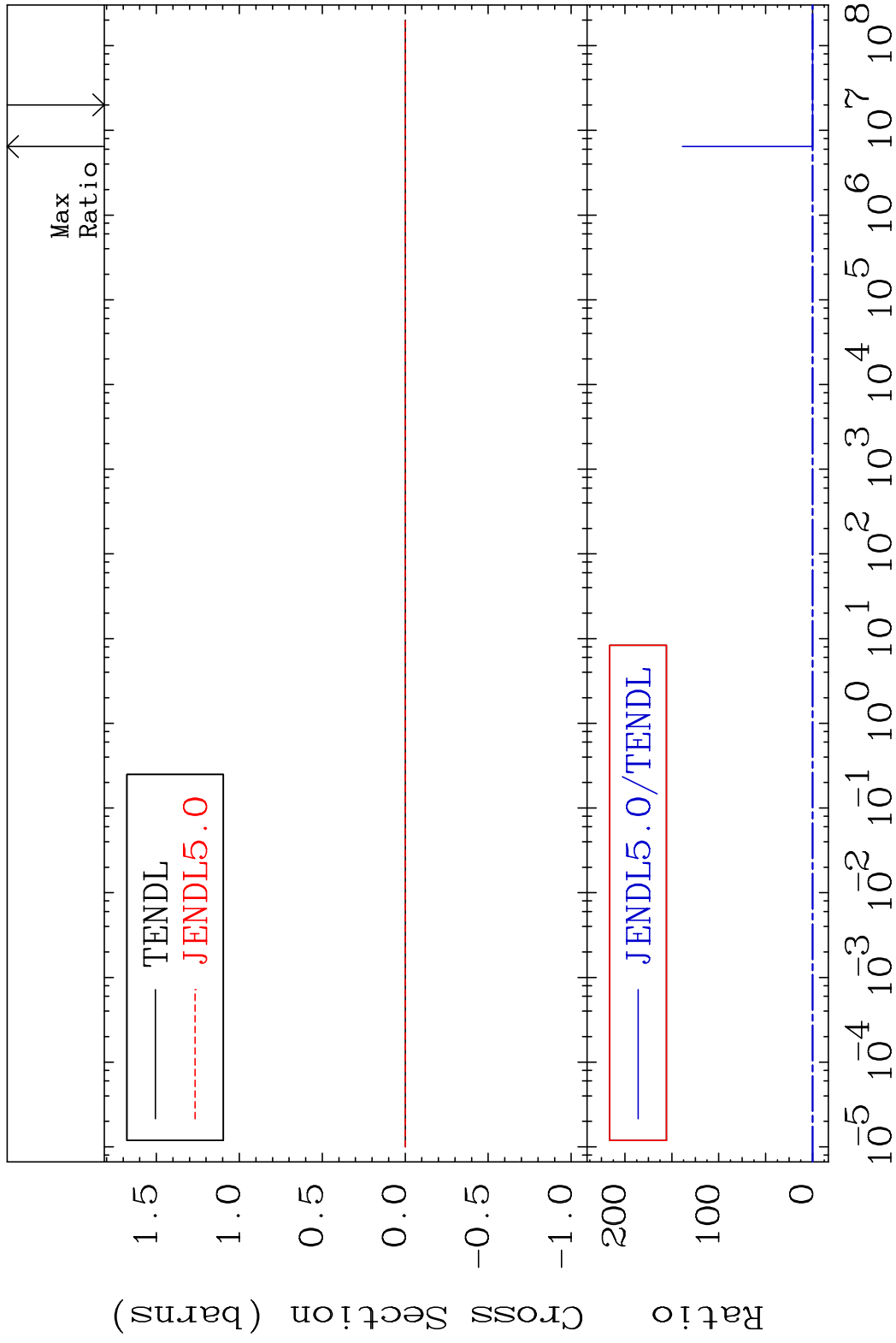
MAT 825 Kerma non-elastic (all but mt2) 8-0 -16  
 Cross Section -94.23 To 9999. %



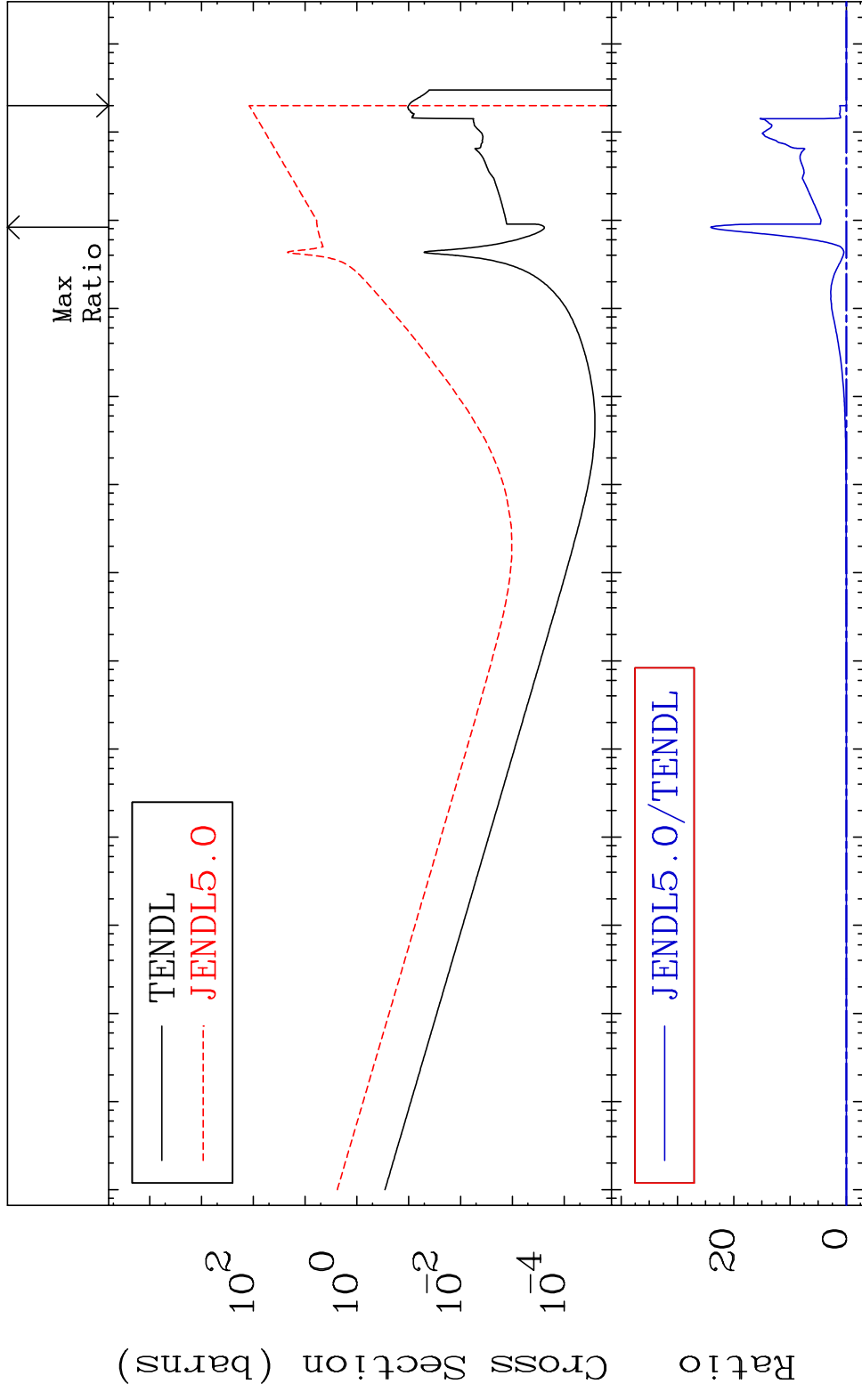
MAT 825 Kerma inelastic (mt51-91) 8-0 -16  
 Cross Section -100.0 To 9999. %



MAT 825 Kerma fission (mt18 or mt19-20-21-38) 8-0 -16  
 Cross Section -100.0 To 9999. %

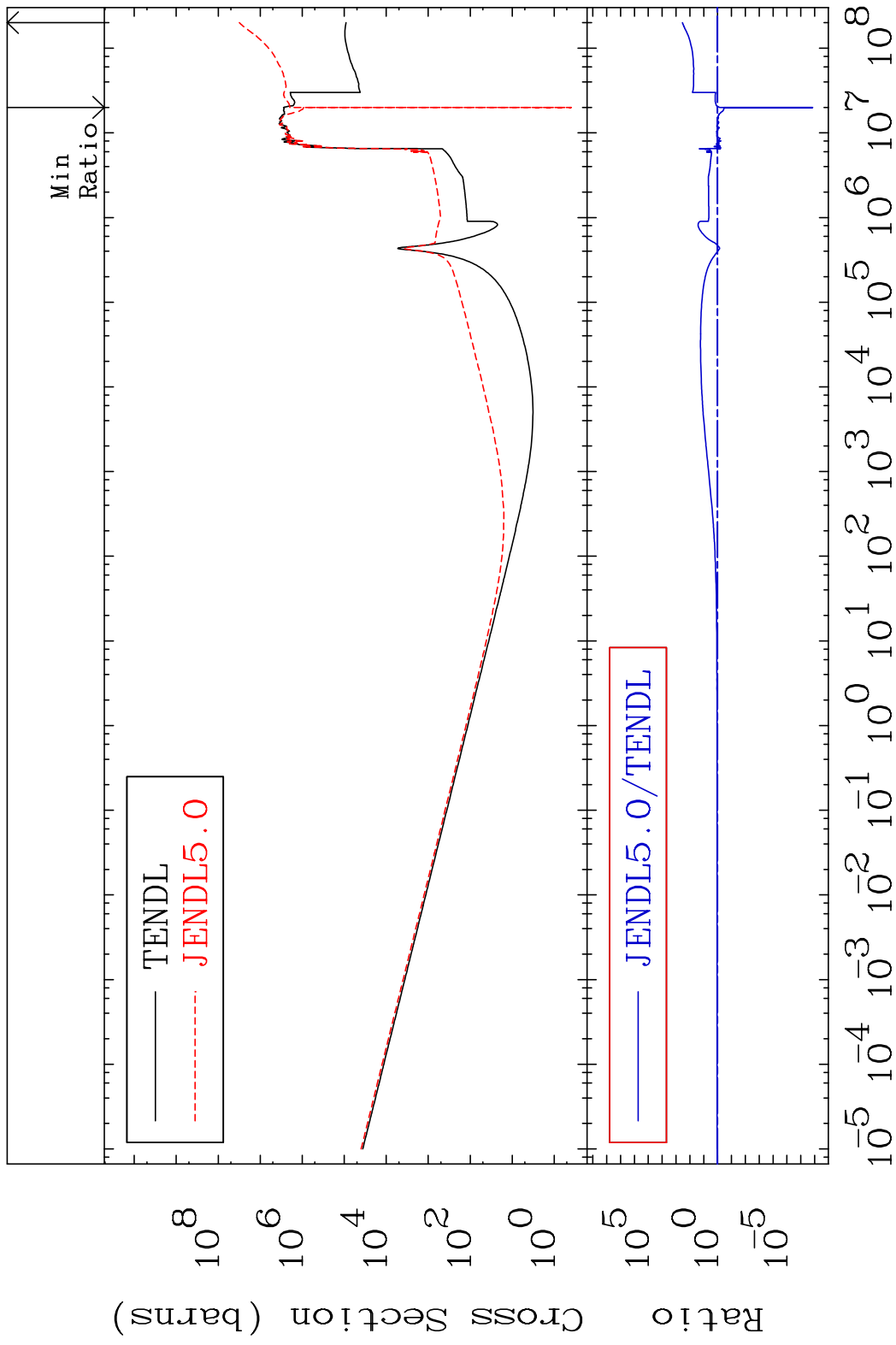


MAT 825 Kerma capture (mt102) 8-0 -16  
Cross Section -100.0 To 9999. %

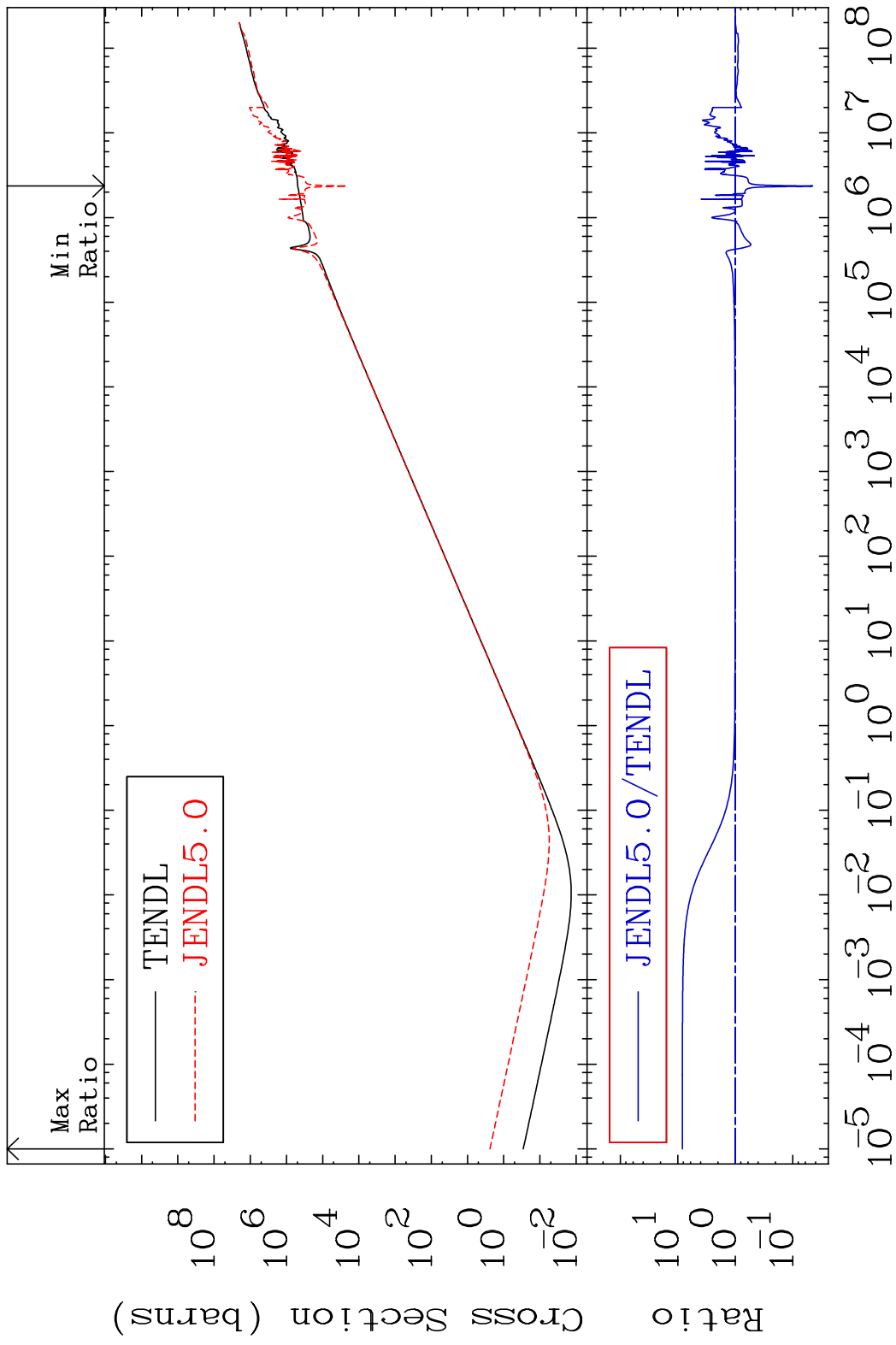


Ratio  
20  
0  
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>  
40 Incident Energy (eV) 8-0 -16

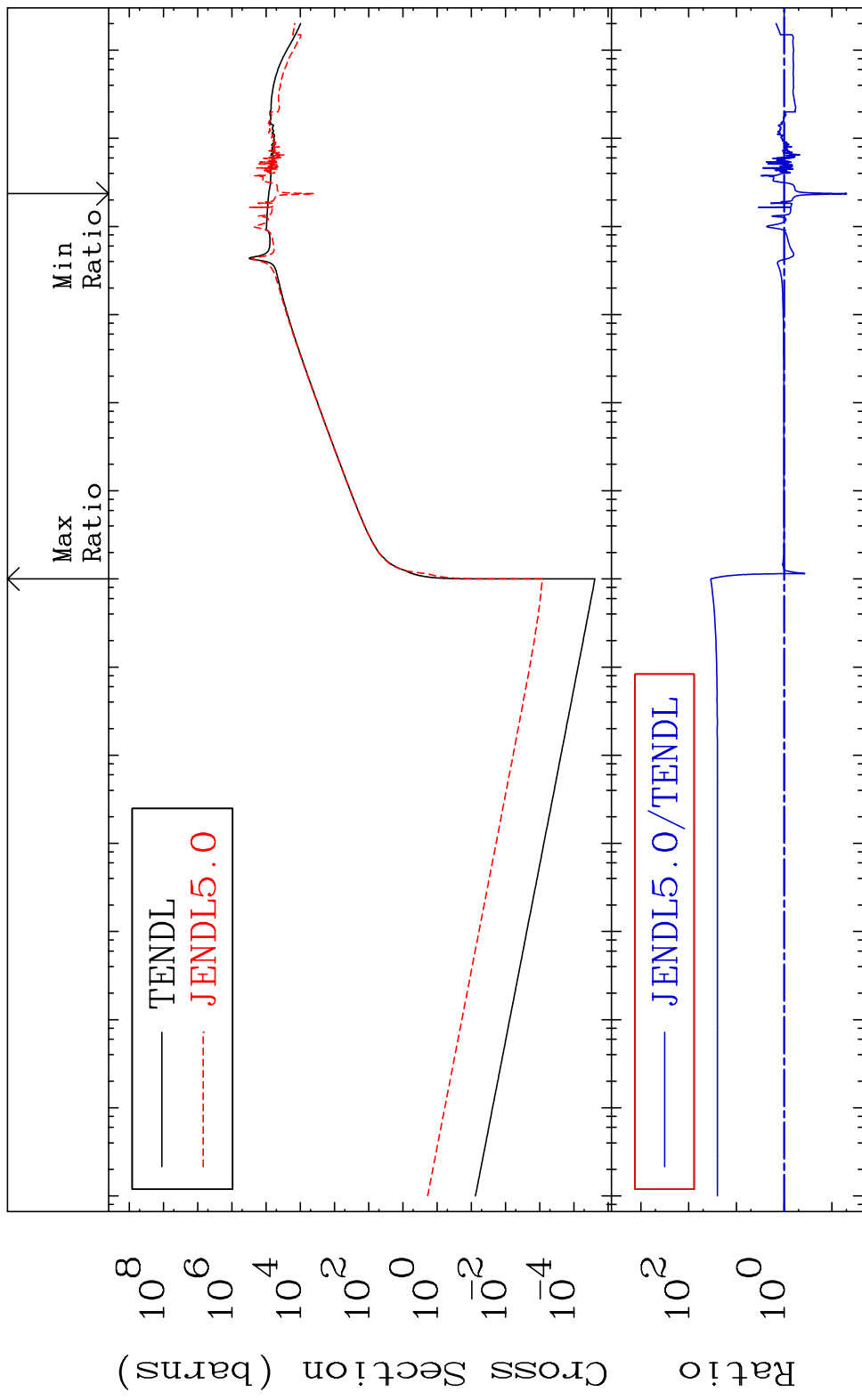
MAT 825 Total photon (eV-barns) 8-0 -16  
Cross Section -100.0 To 9999. %



MAT 825 Total kinematic kerma (high limit) 8-0 -16  
 Cross Section -95.50 To 733.2 %

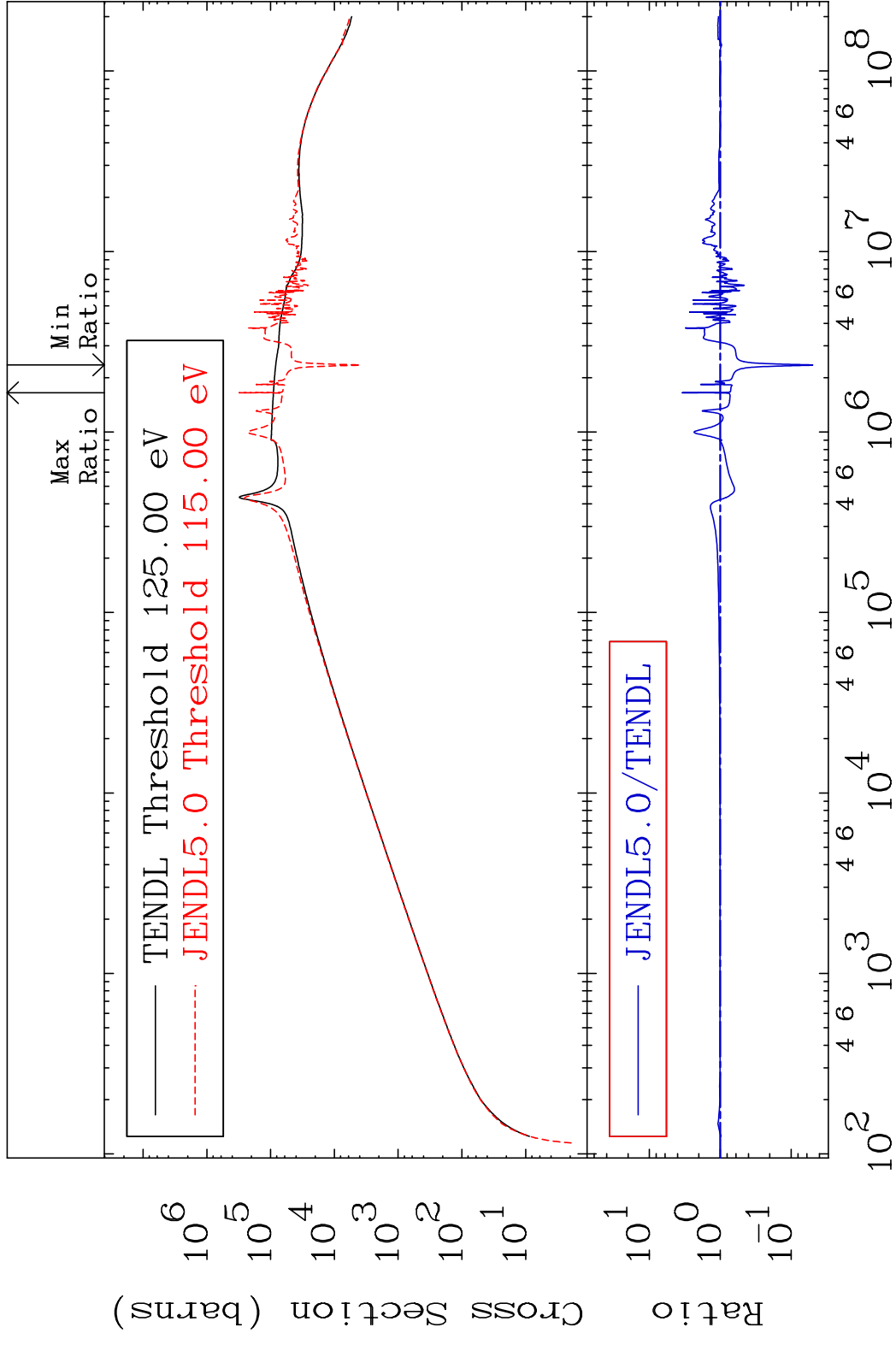


MAT 825 Dpa total (eV-barns) 8-0 -16  
 Cross Section -95.01 To 3360. %

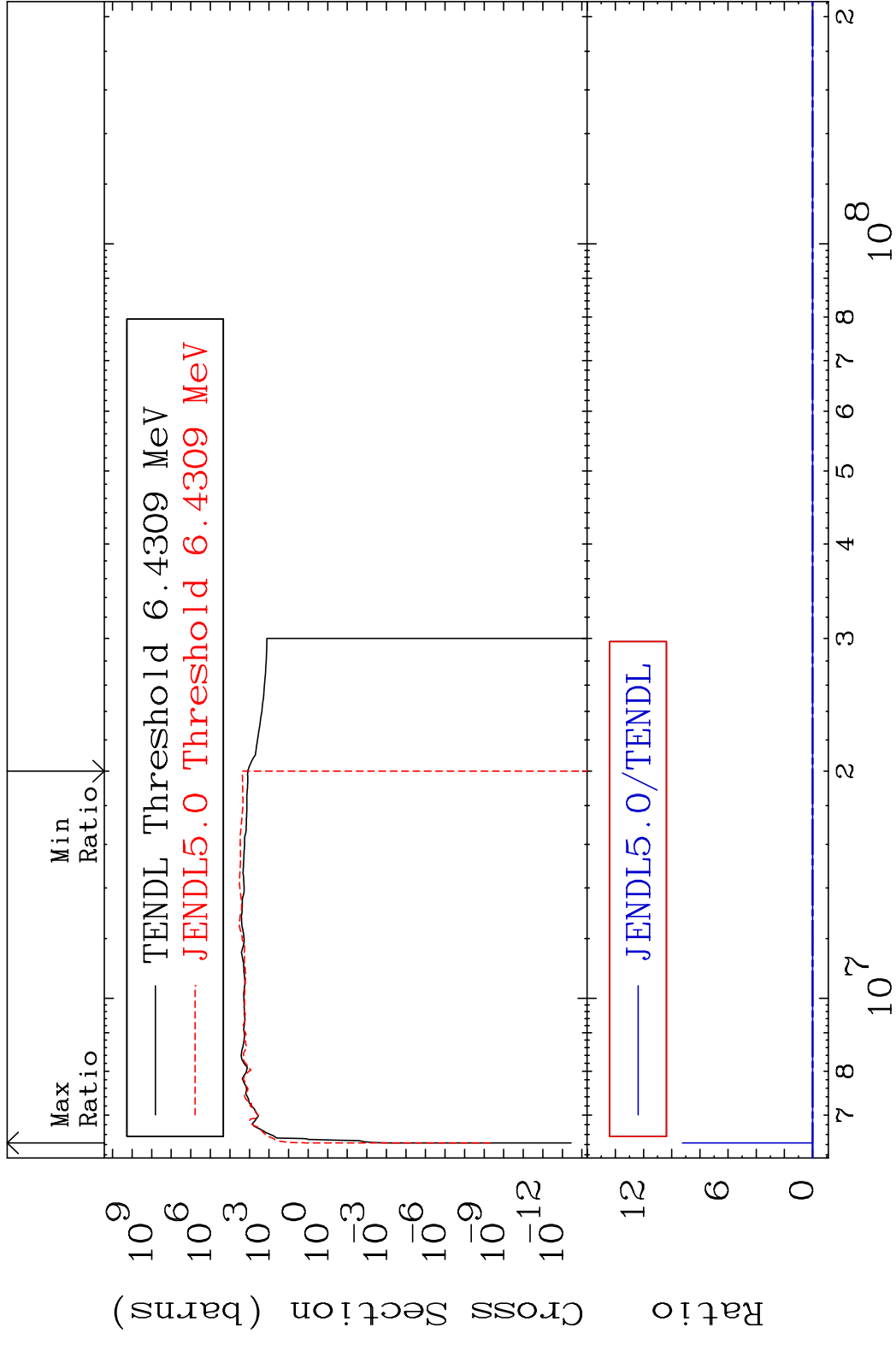


43 Incident Energy (eV) 8-0 -16

MAT 825      Dpa elastic (mt2)      8-0 -16  
 Cross Section      -95.01 To 242.4 %



MAT 825 Dpa inelastic (mt51-91) 8-0 -16  
 Cross Section -100.0 To 9999. %



45 Incident Energy (eV) 8-0 -16

MAT 825 Dpa disappearance (mt102 -120) 8-0 -16  
 Cross Section -100.0 To 9999. %

