

Program Complot  
(Version 2018-1)

by

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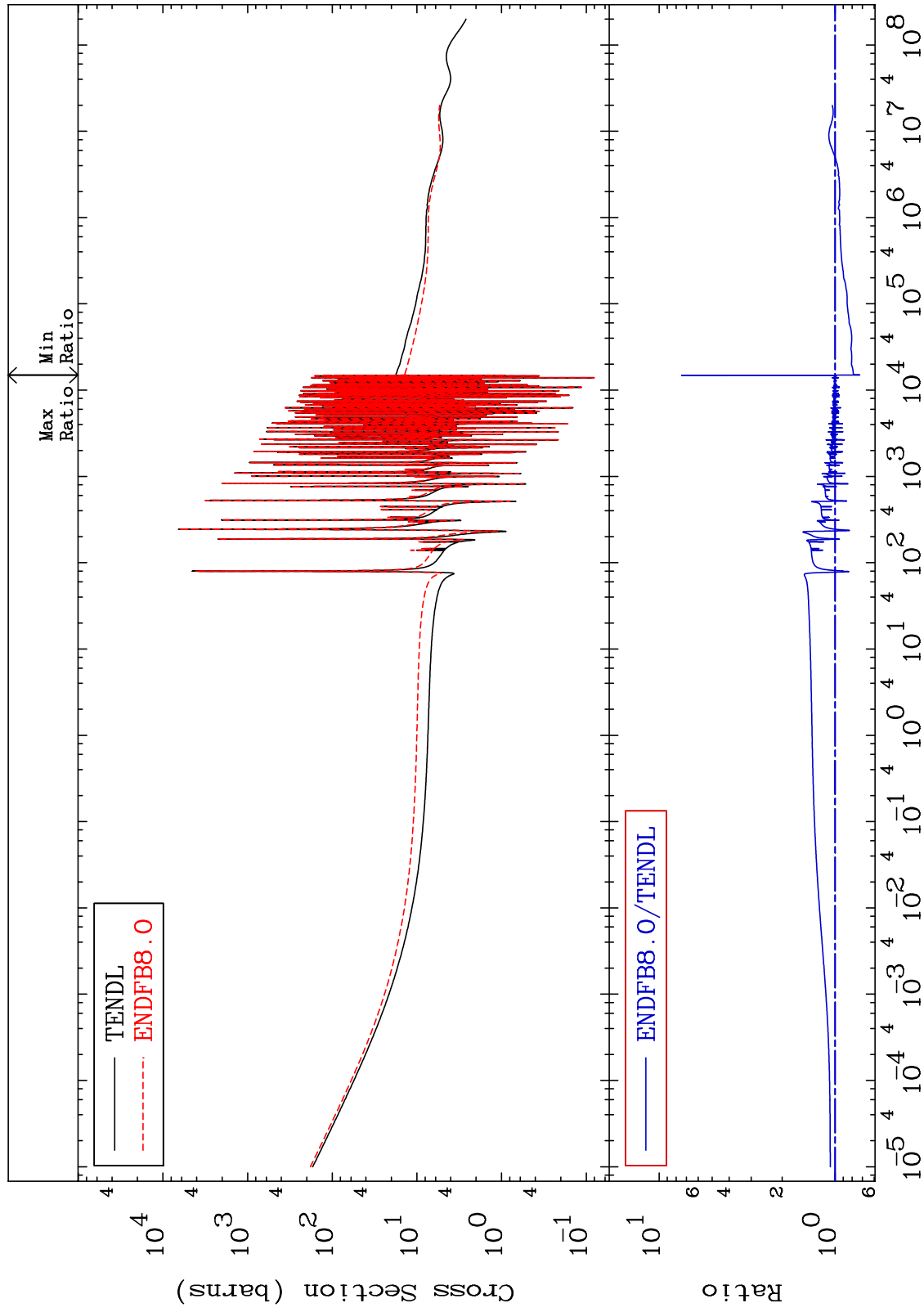
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6843

Total  
Cross Section

68-Er-168  
-27.56 To 646.8 %



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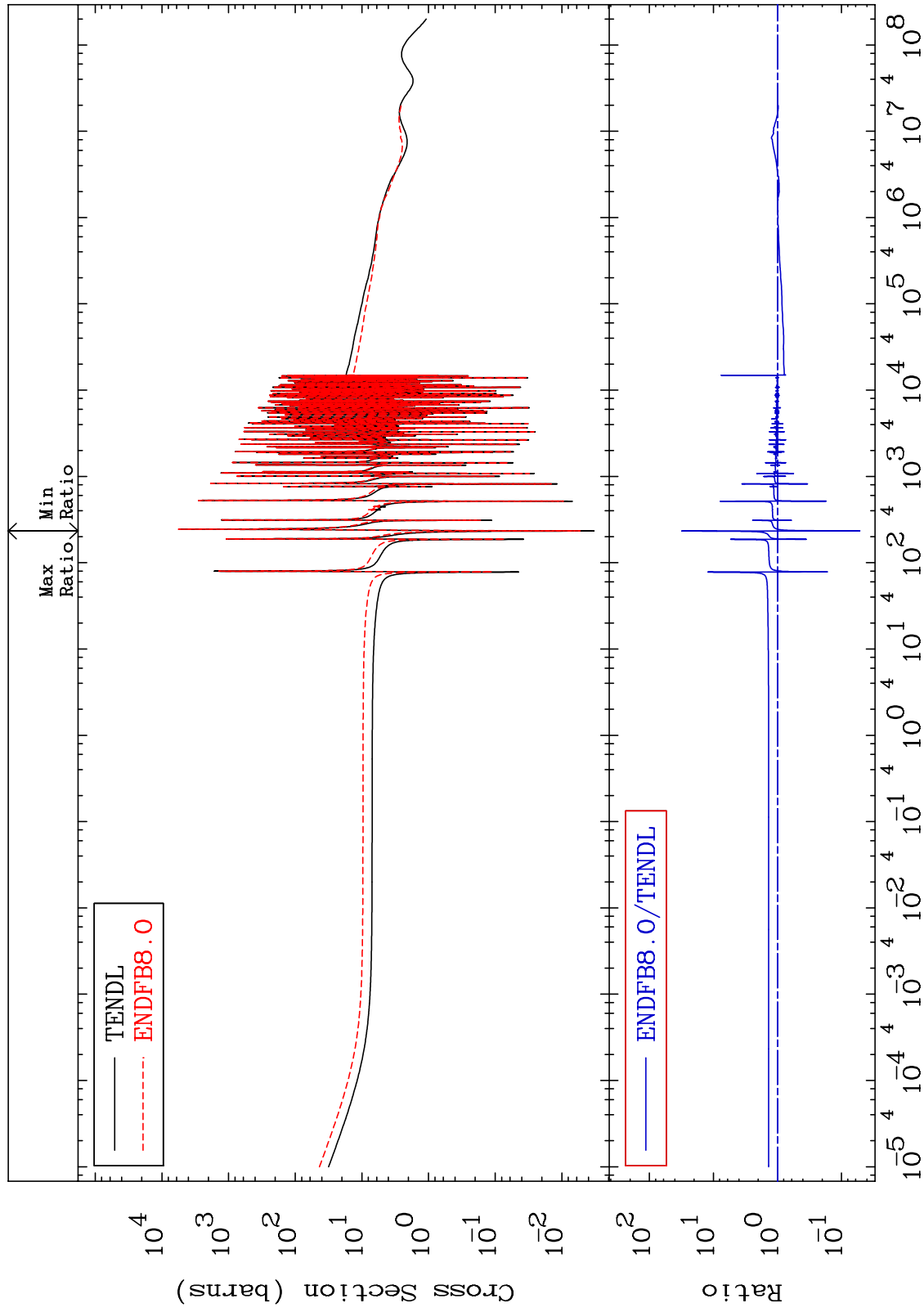
Incident Energy (eV)

68-Er-168

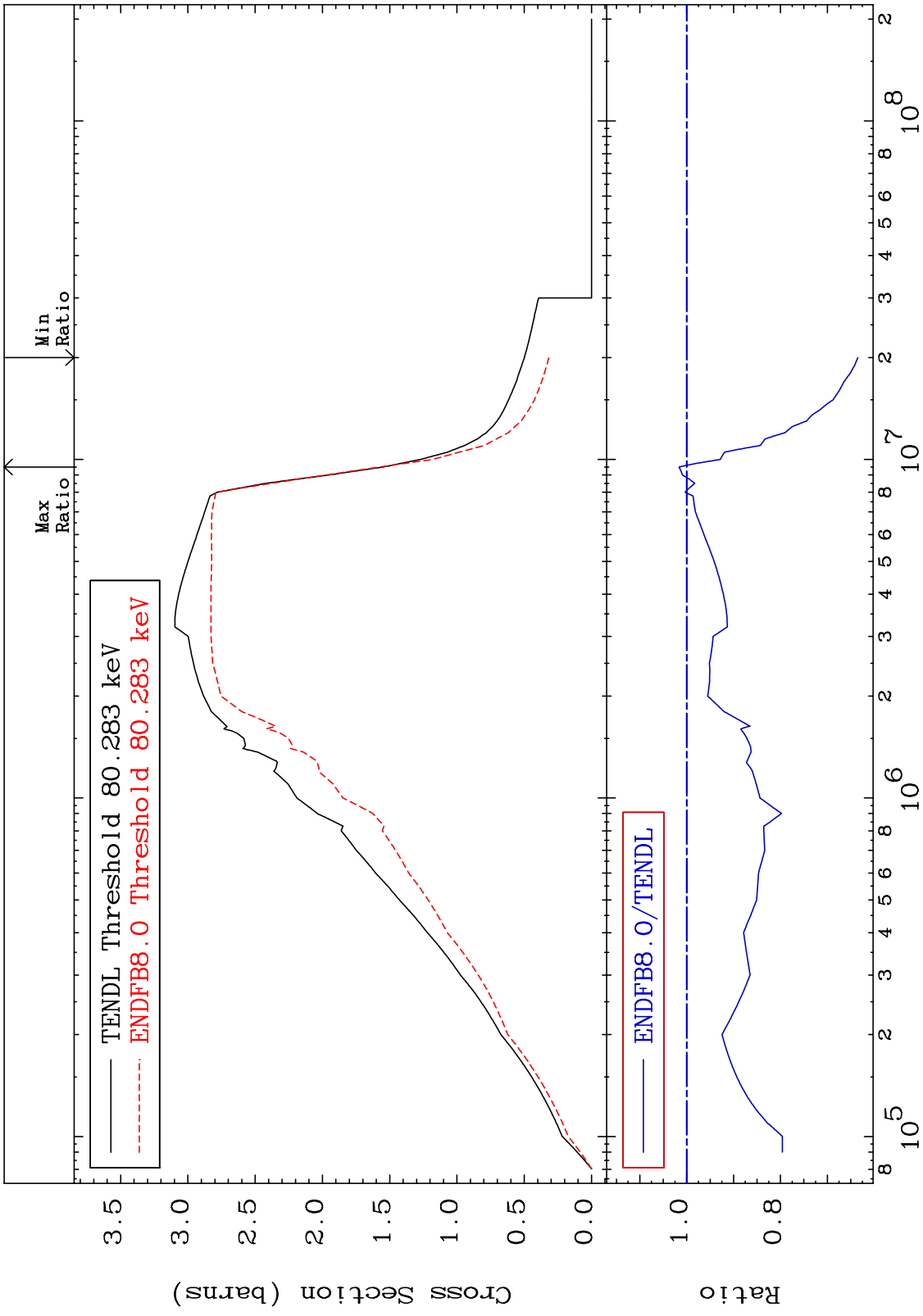
MAT 6843

Elastic  
Cross Section

68-Er-168  
-94.82 To 3054. %

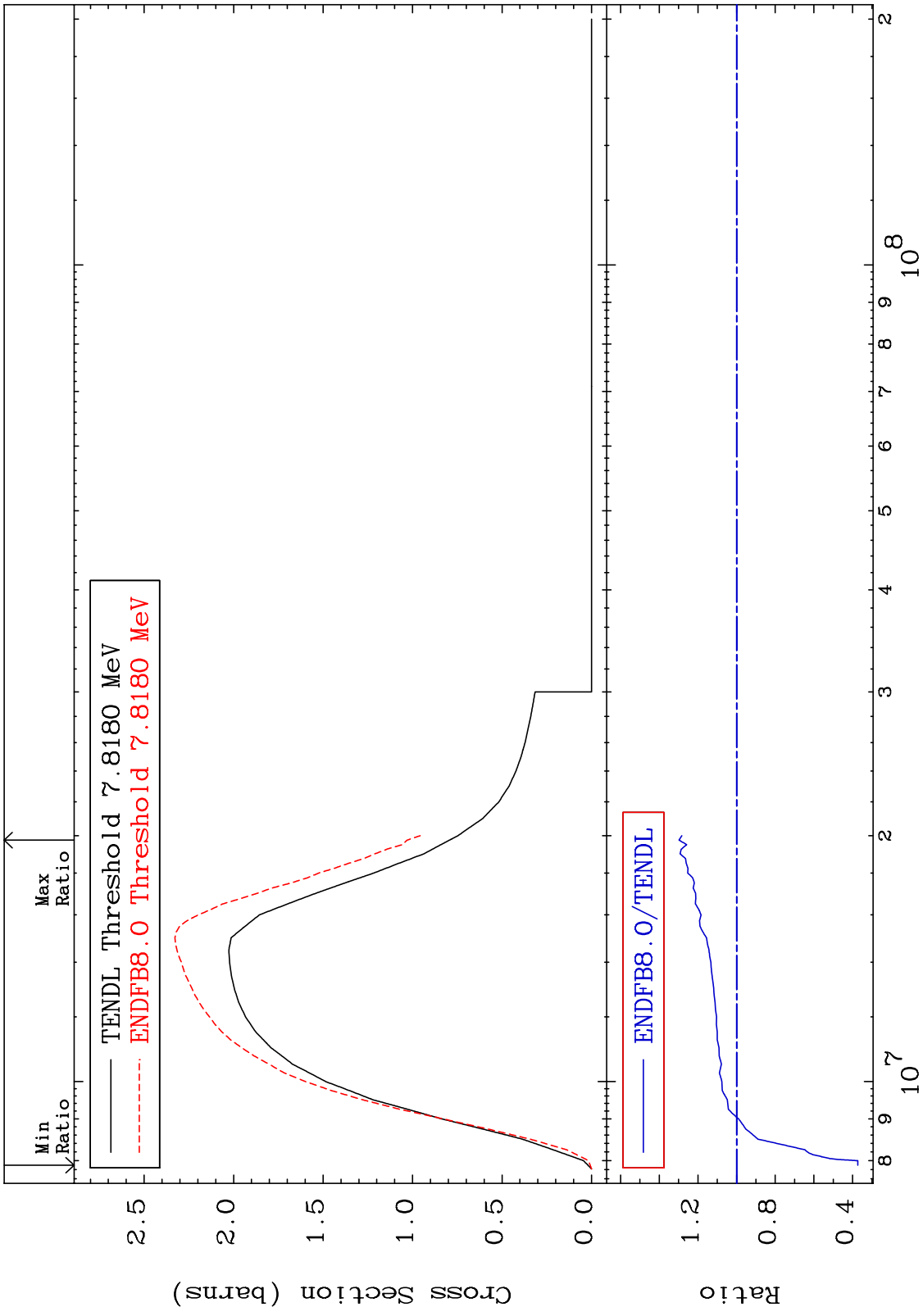


MAT 6843 Inelastic Cross Section 68-Er-168 -36.51 To 1.632 %



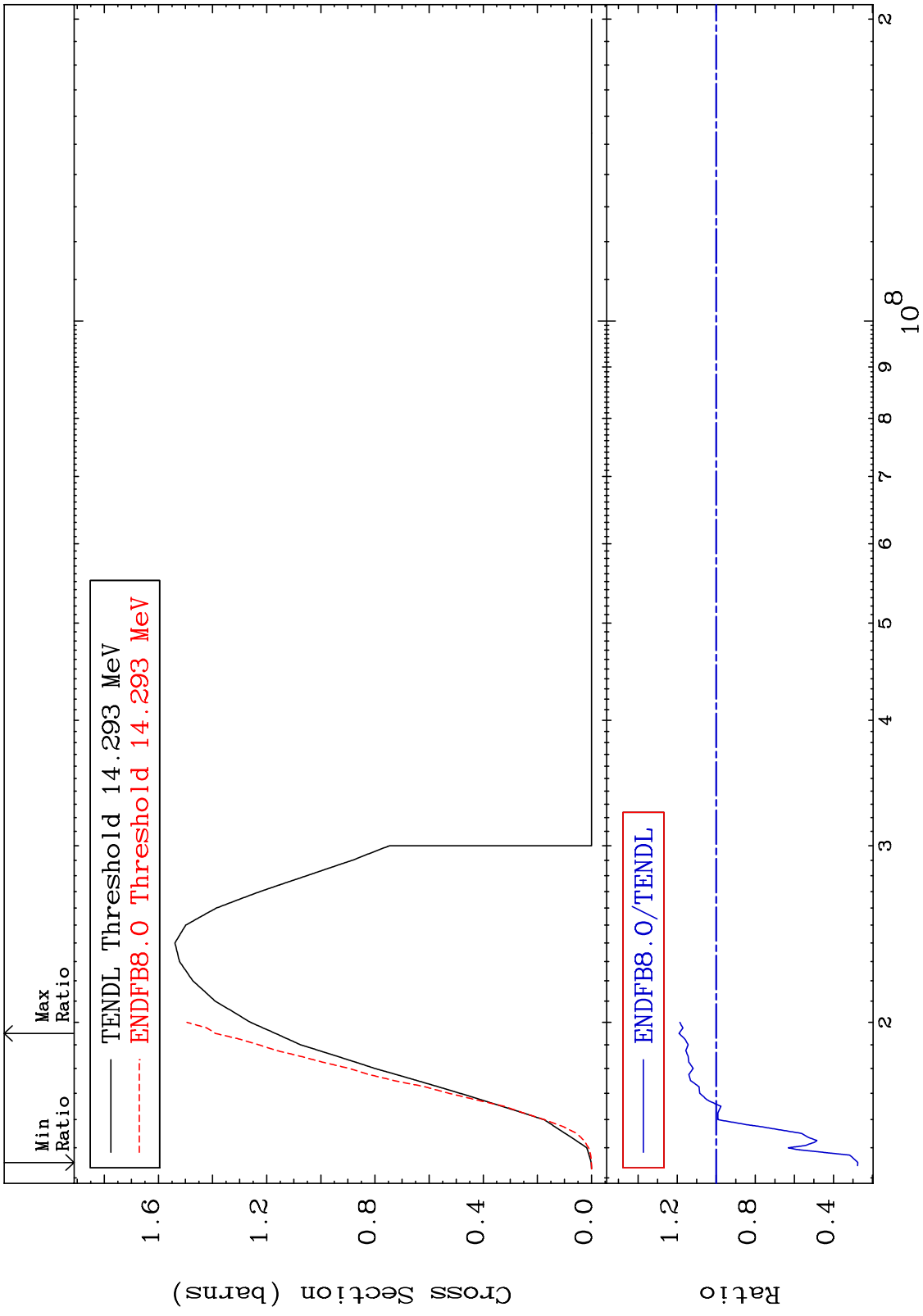
3 Incident Energy (eV) 68-Er-168

MAT 6843 68-Er-168  
-62.71 To 29.77 %  
 (n,2n)  
 Cross Section



4 68-Er-168

MAT 6843 (n,3n) Cross Section 68-Er-168 -72.47 To 19.02 %



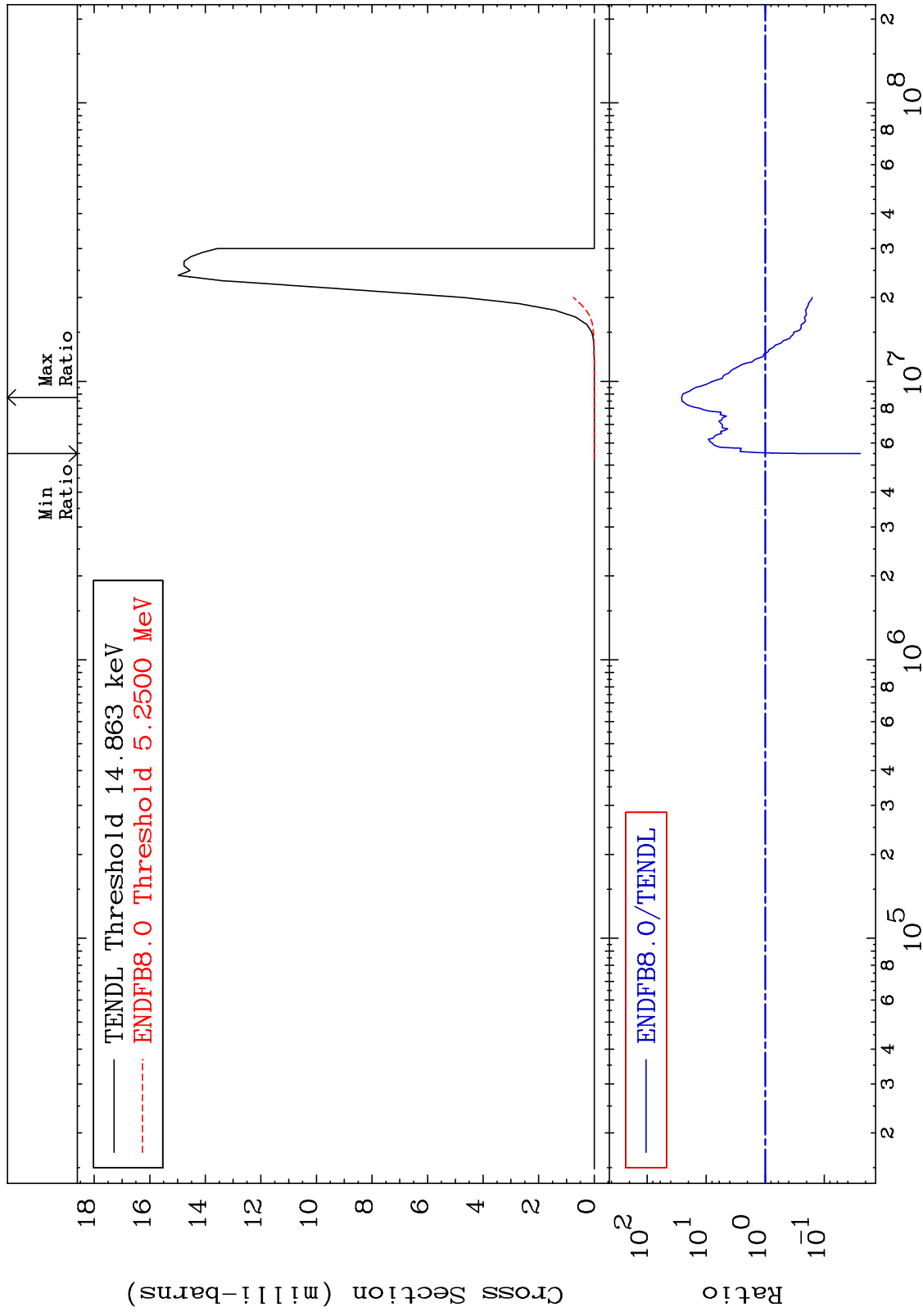
MAT 6843

$(n, n') \alpha$

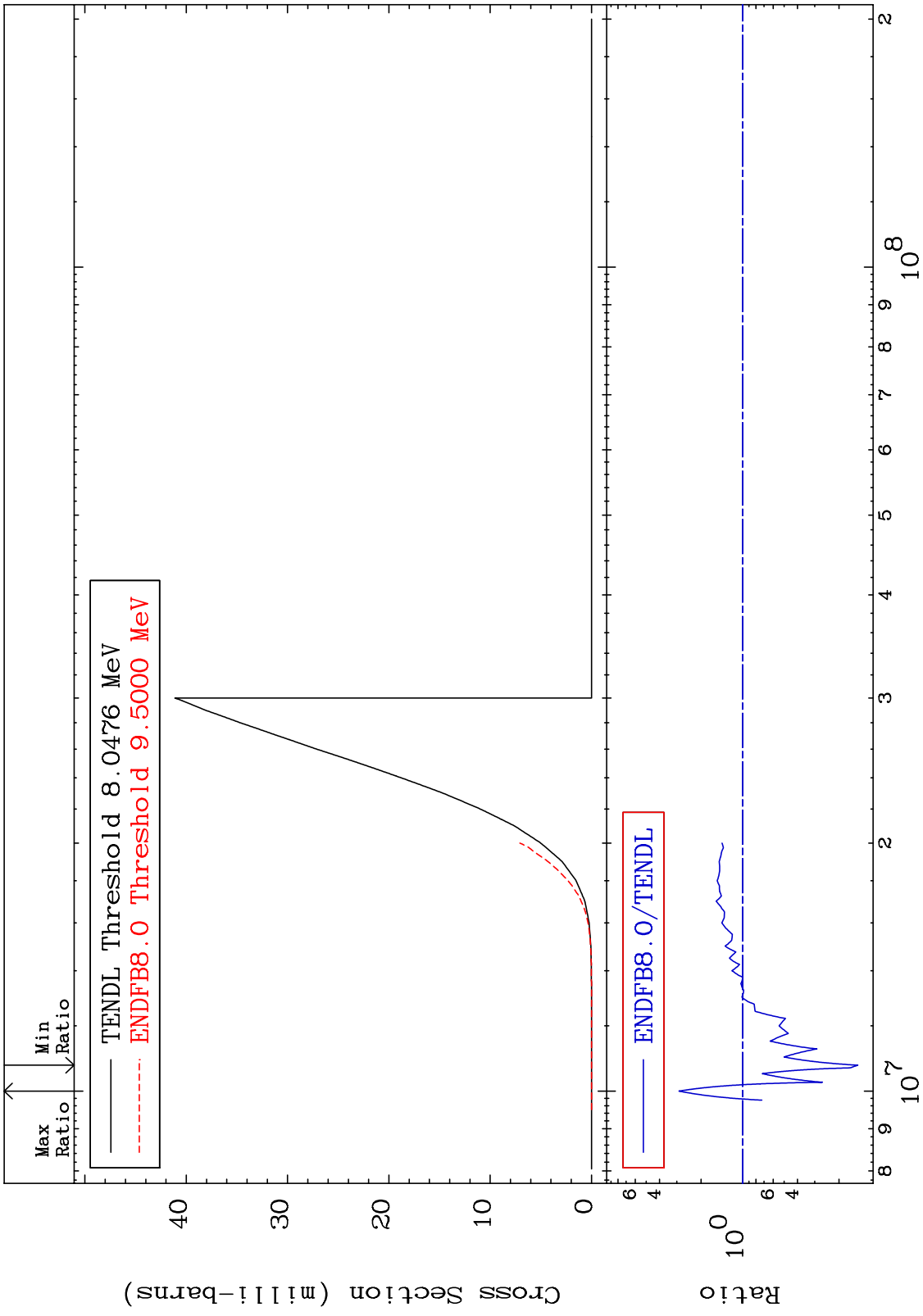
68-Er-168

-97.55 To 2500. %

Cross Section

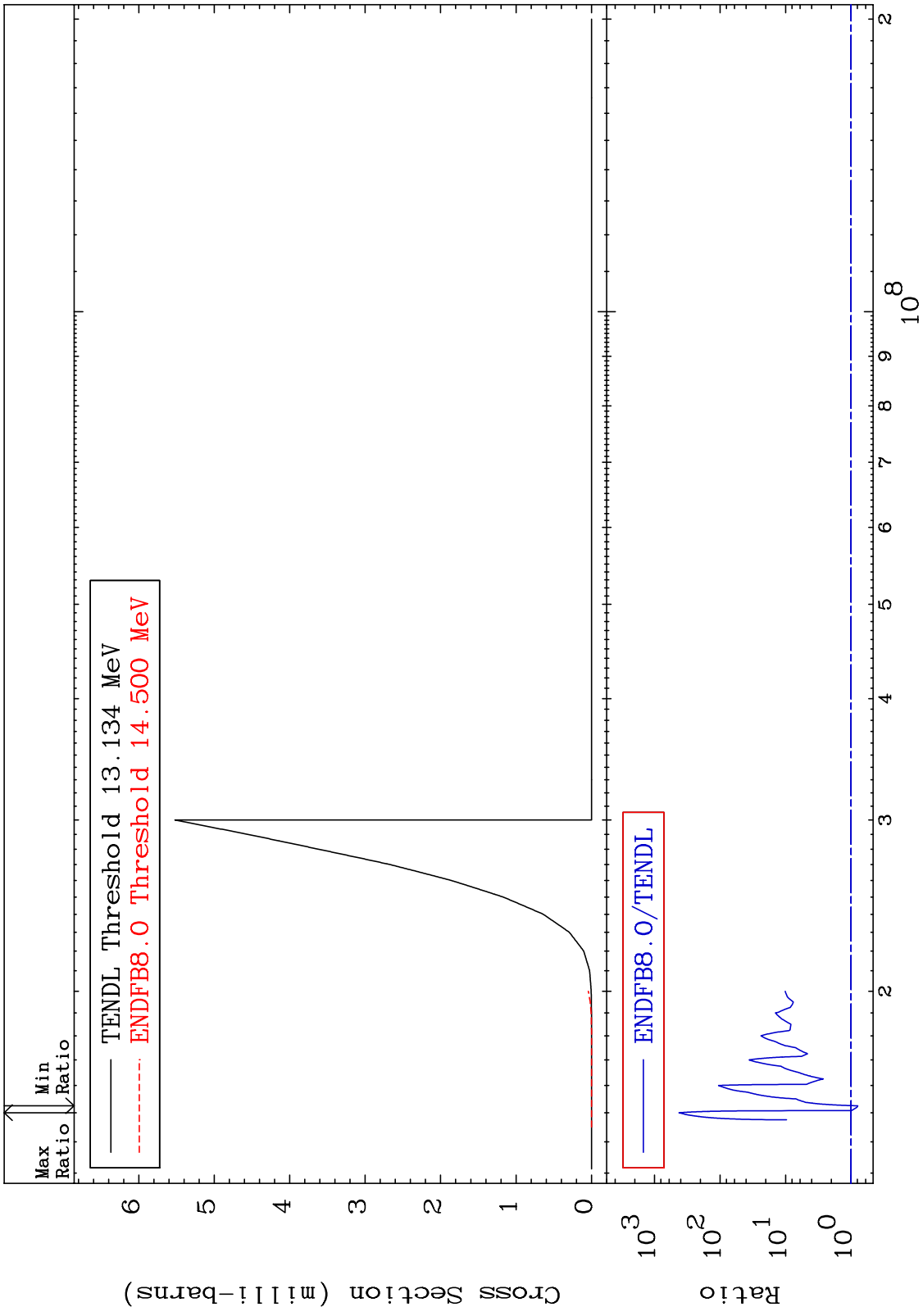


MAT 6843 68-Er-168  
-85.38 To 188.8 %  
 (n,n') p  
 Cross Section



7 8  
9  
10<sup>7</sup>  
10<sup>8</sup>  
 68-Er-168

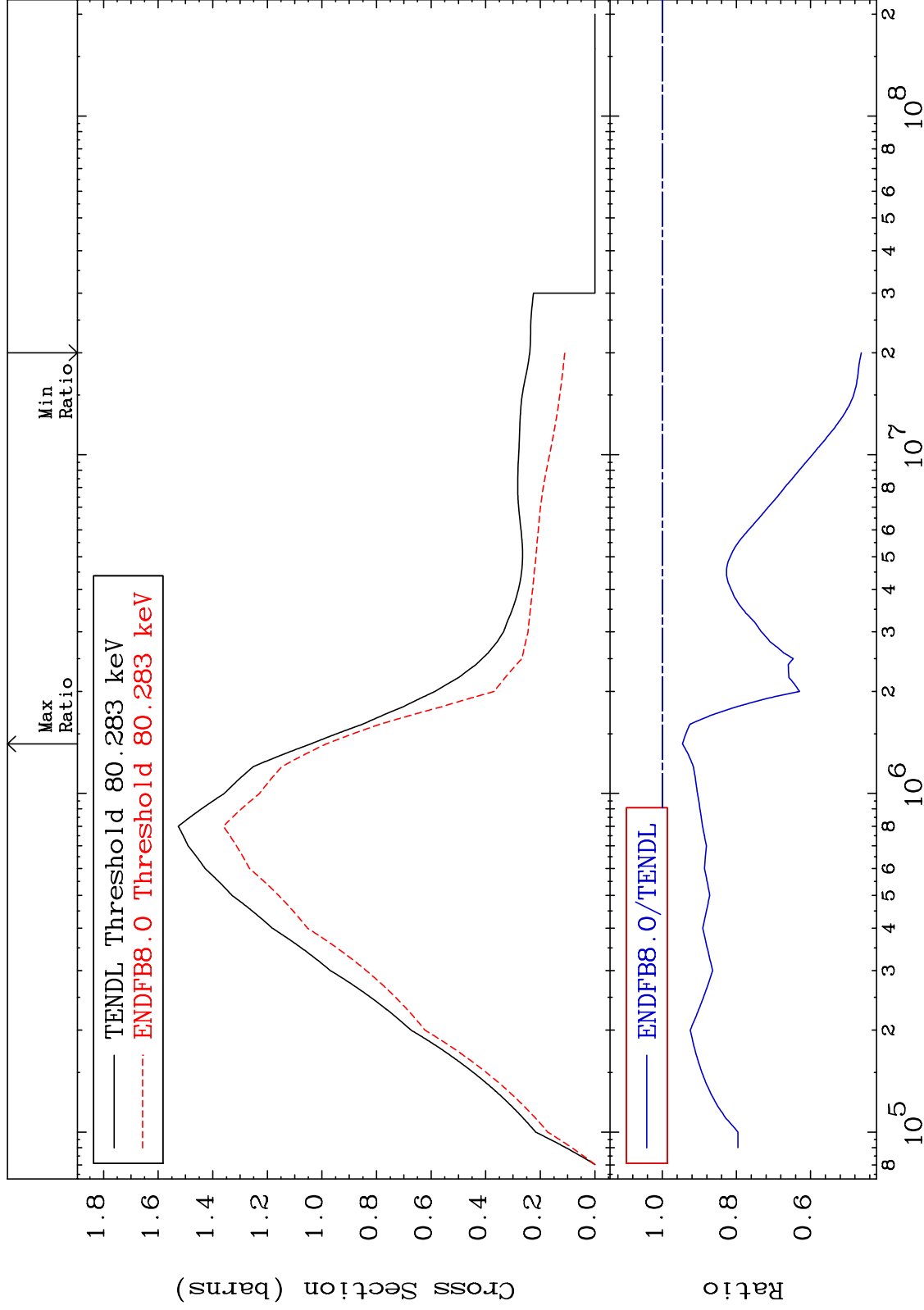




MAT 6843

MT= 51 (n,n') Level  
Cross Section

68-Er-168  
-53.70 To -5.438%

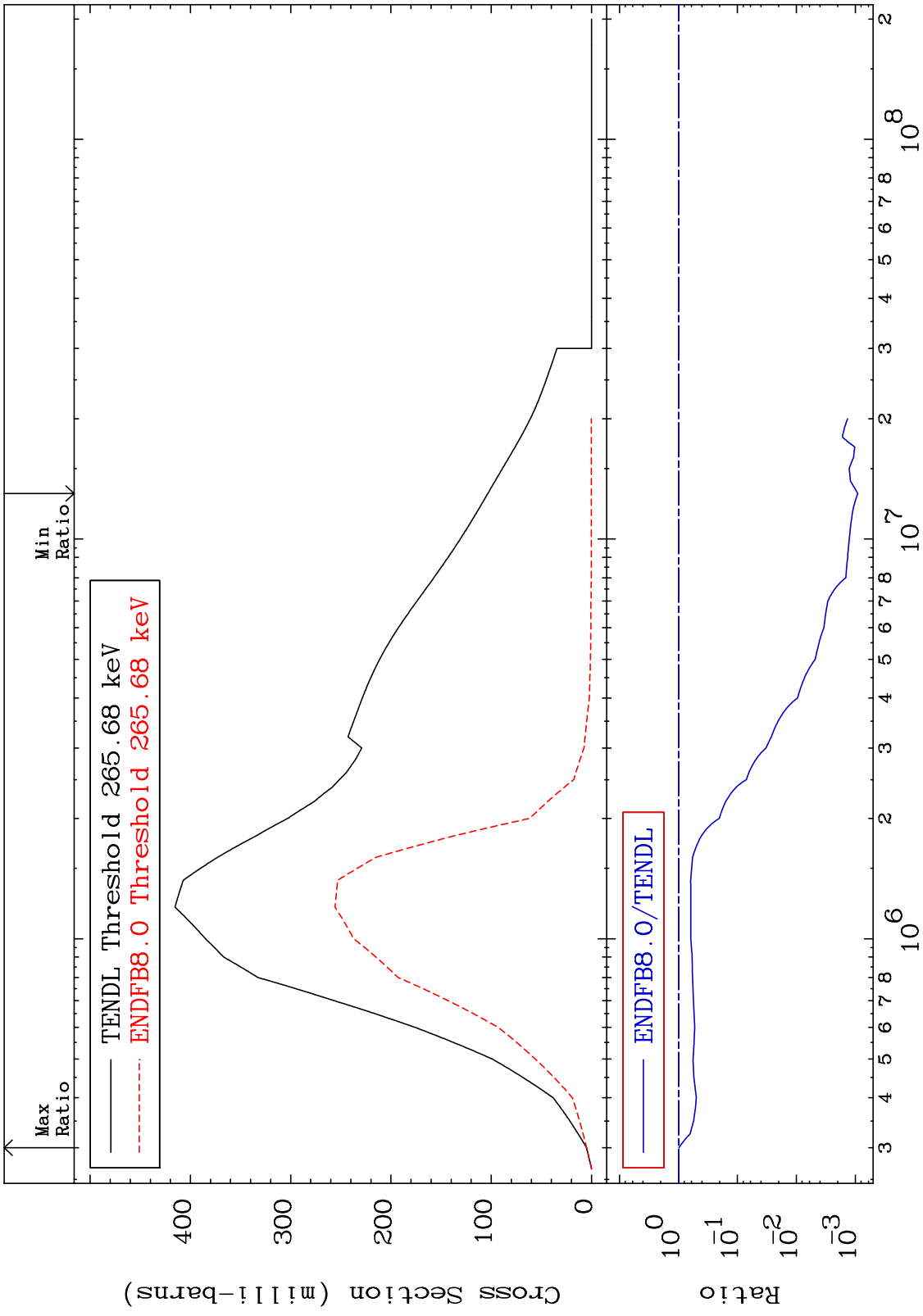


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Incident Energy (eV)

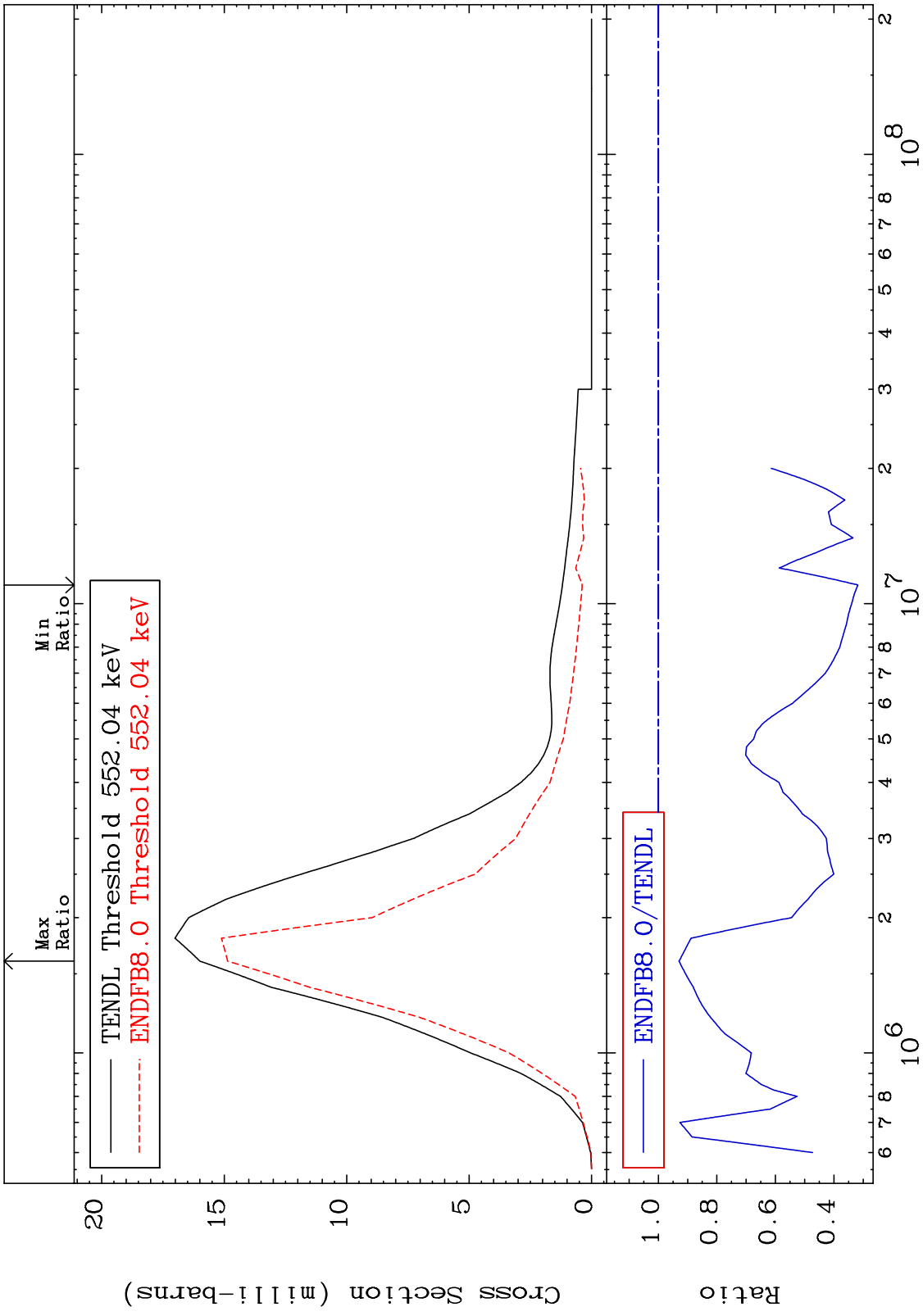
68-Er-168

MAT 6843      MT= 52 (n,n') Level Cross Section      68-Er-168  
 -99.91 To -2.256%

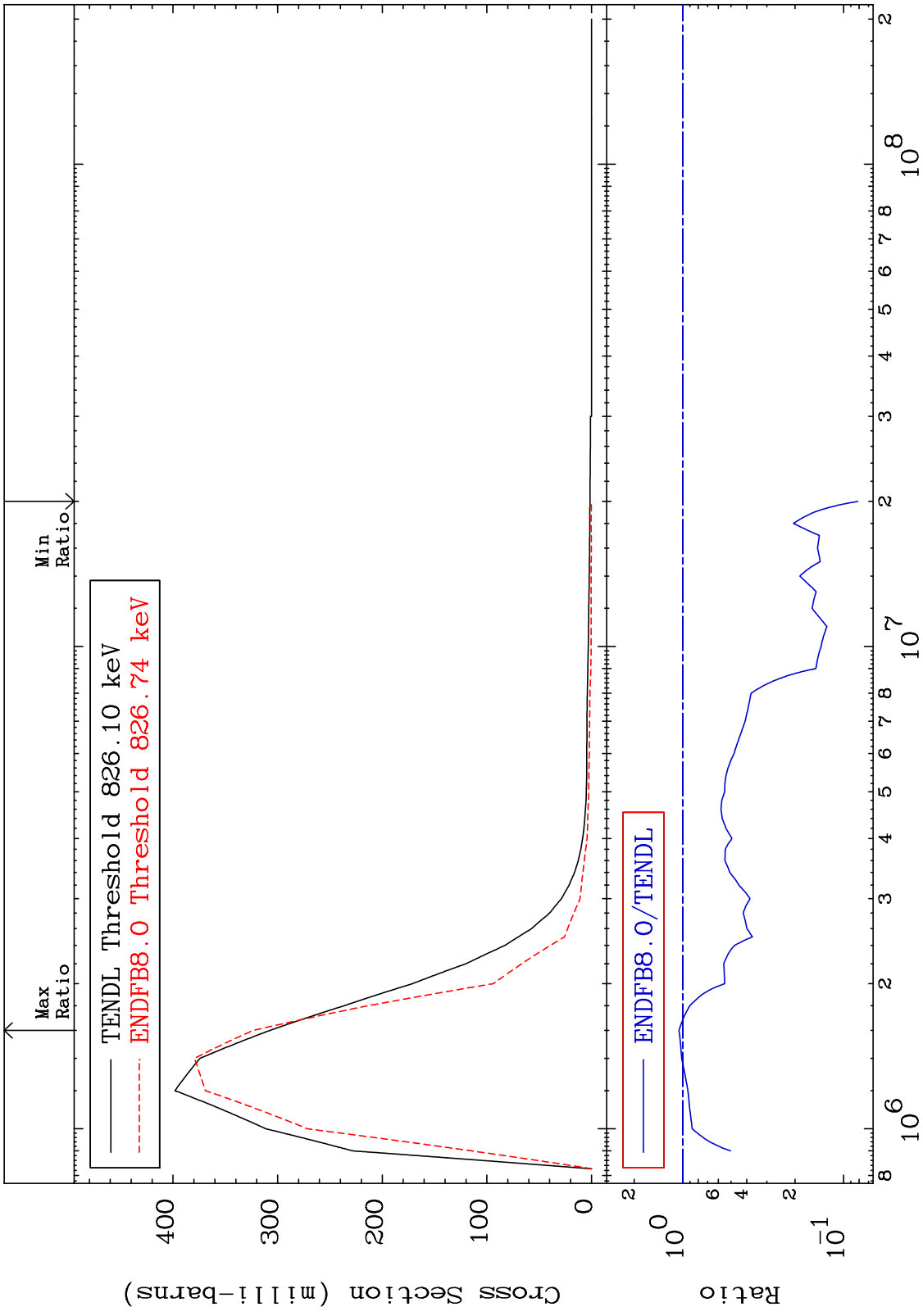


10      Incident Energy (eV)      68-Er-168

MAT 6843      MT= 53 (n,n') Level      68-Er-168  
 Cross Section      -68.17 To -7.072%



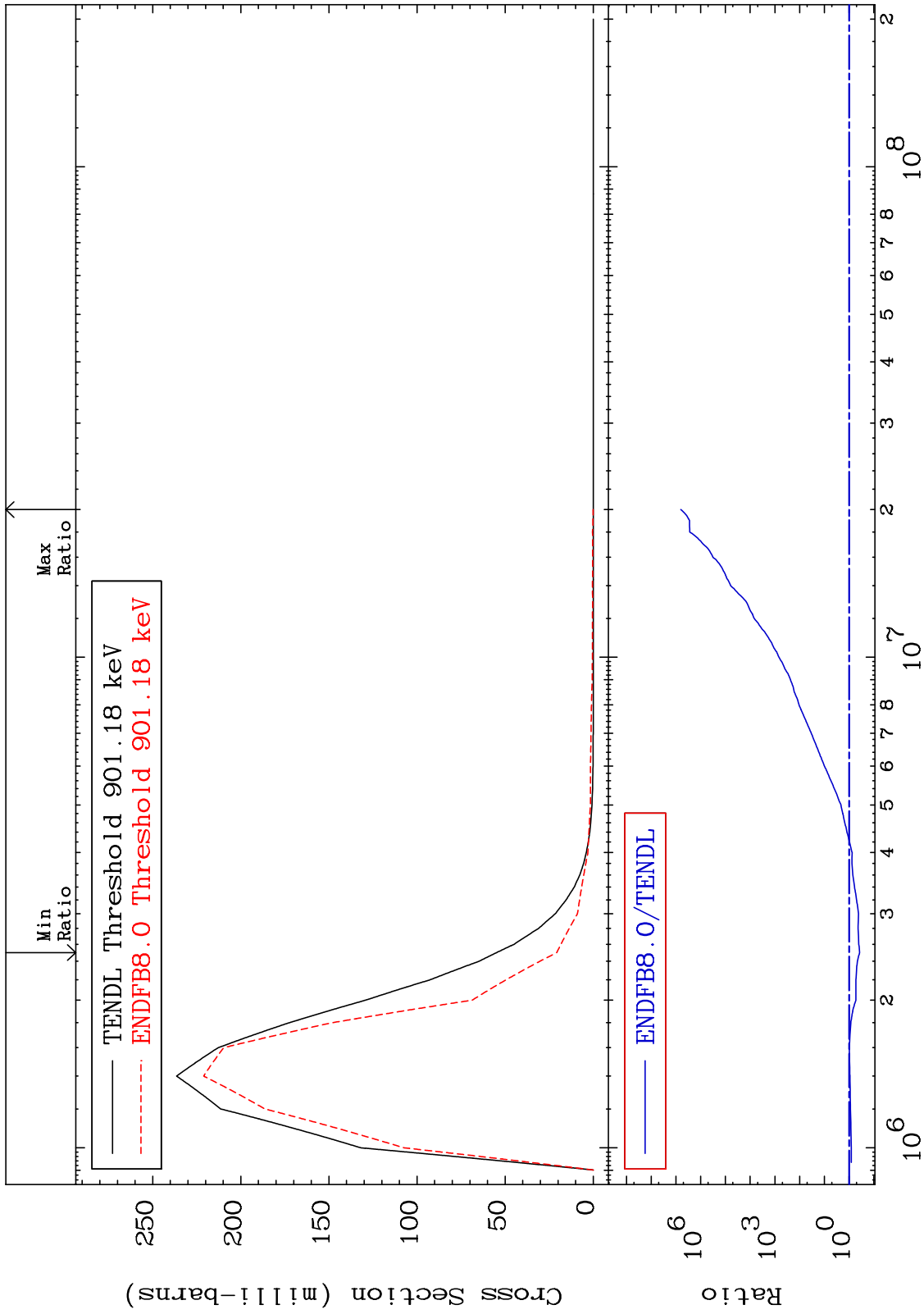
MAT 6843      MT= 54 (n,n') Level Cross Section      68-Er-168  
 -91.86 To 5.267 %



MAT 6843

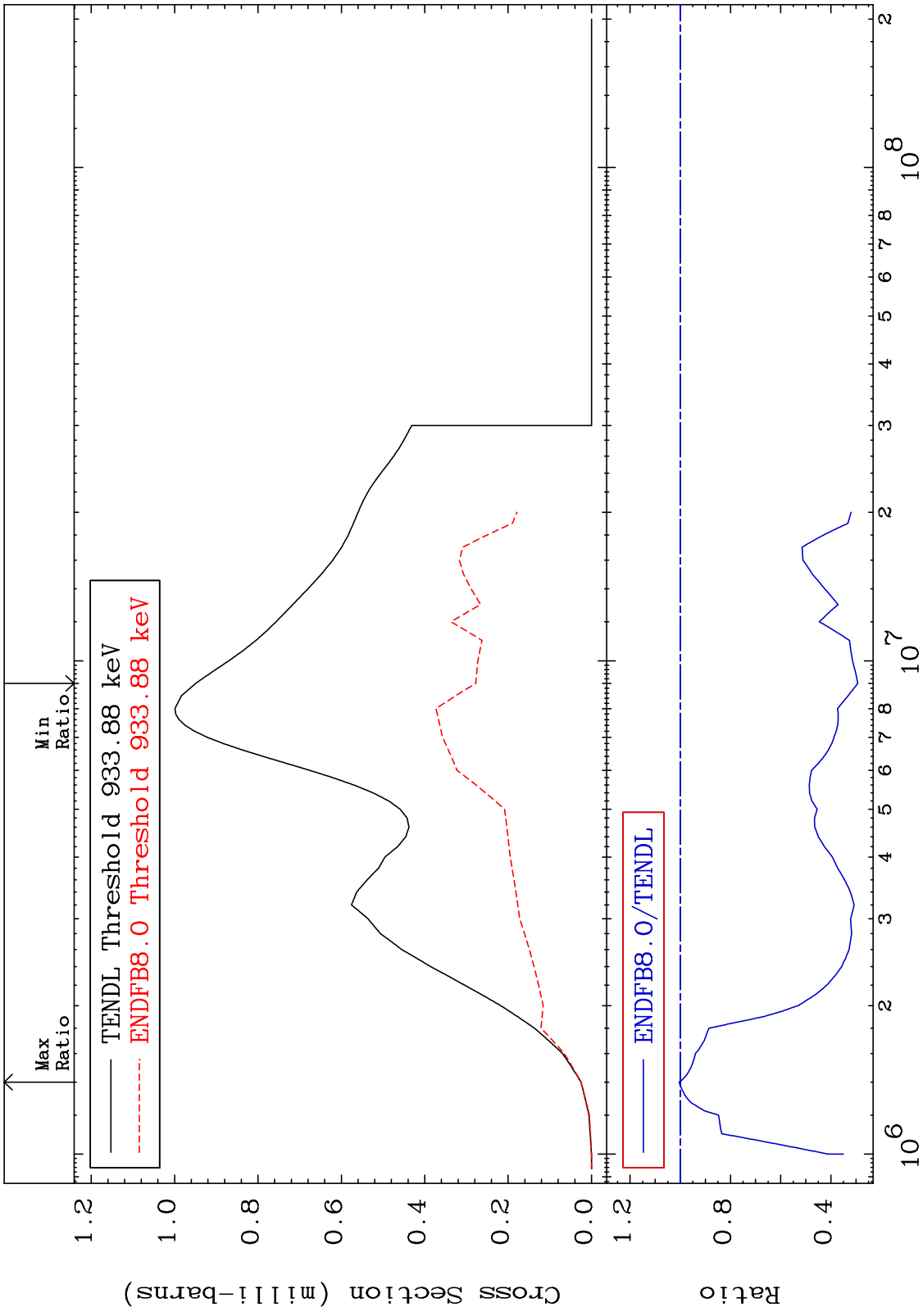
MT= 55 (n,n') Level  
Cross Section

68-Er-168  
-62.28 To 9999. %



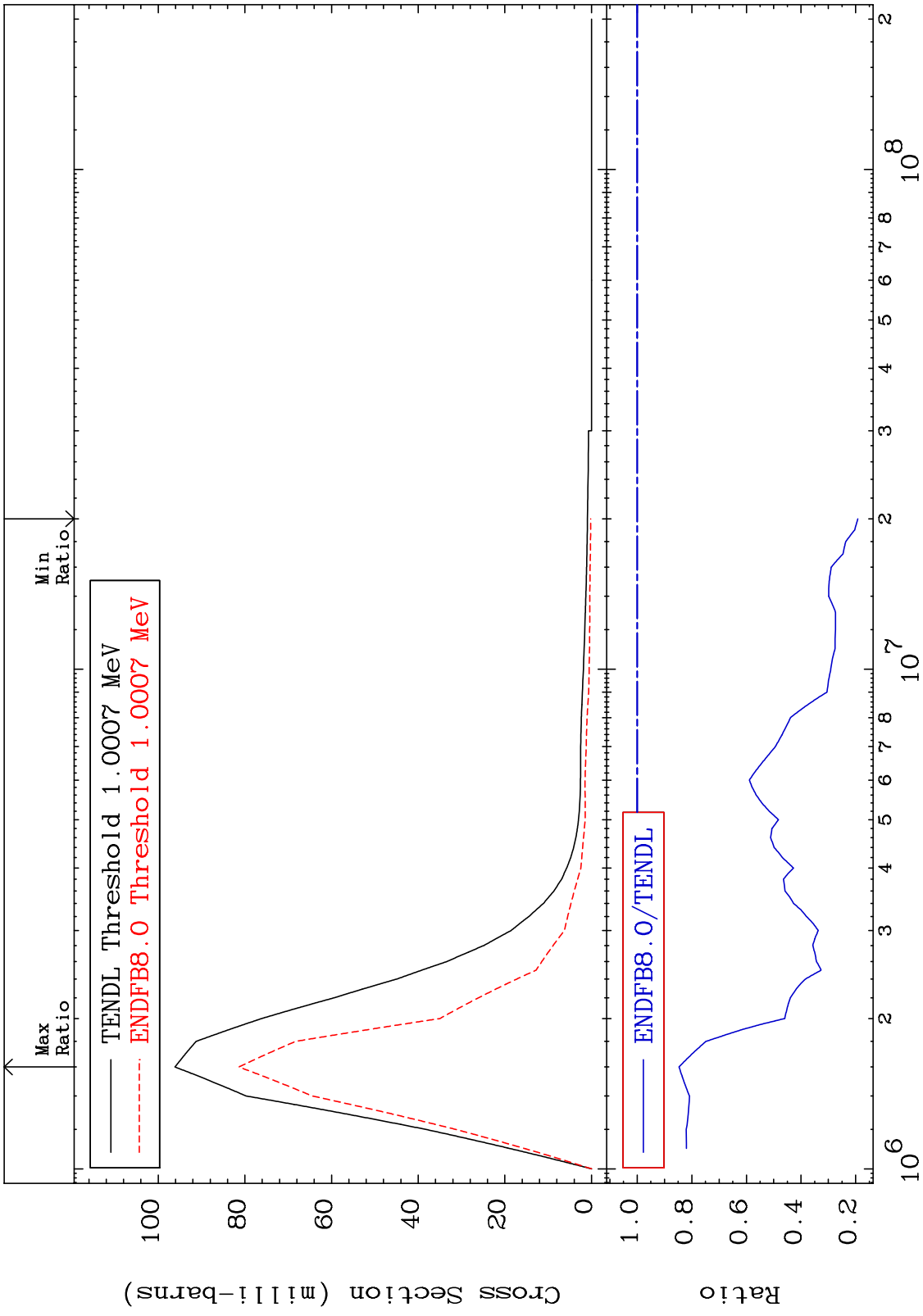
68-Er-168

MAT 6843      MT= 56 (n,n') Level      68-Er-168  
 Cross Section      -70.75 To 0.494 %



14      Incident Energy (eV)      68-Er-168

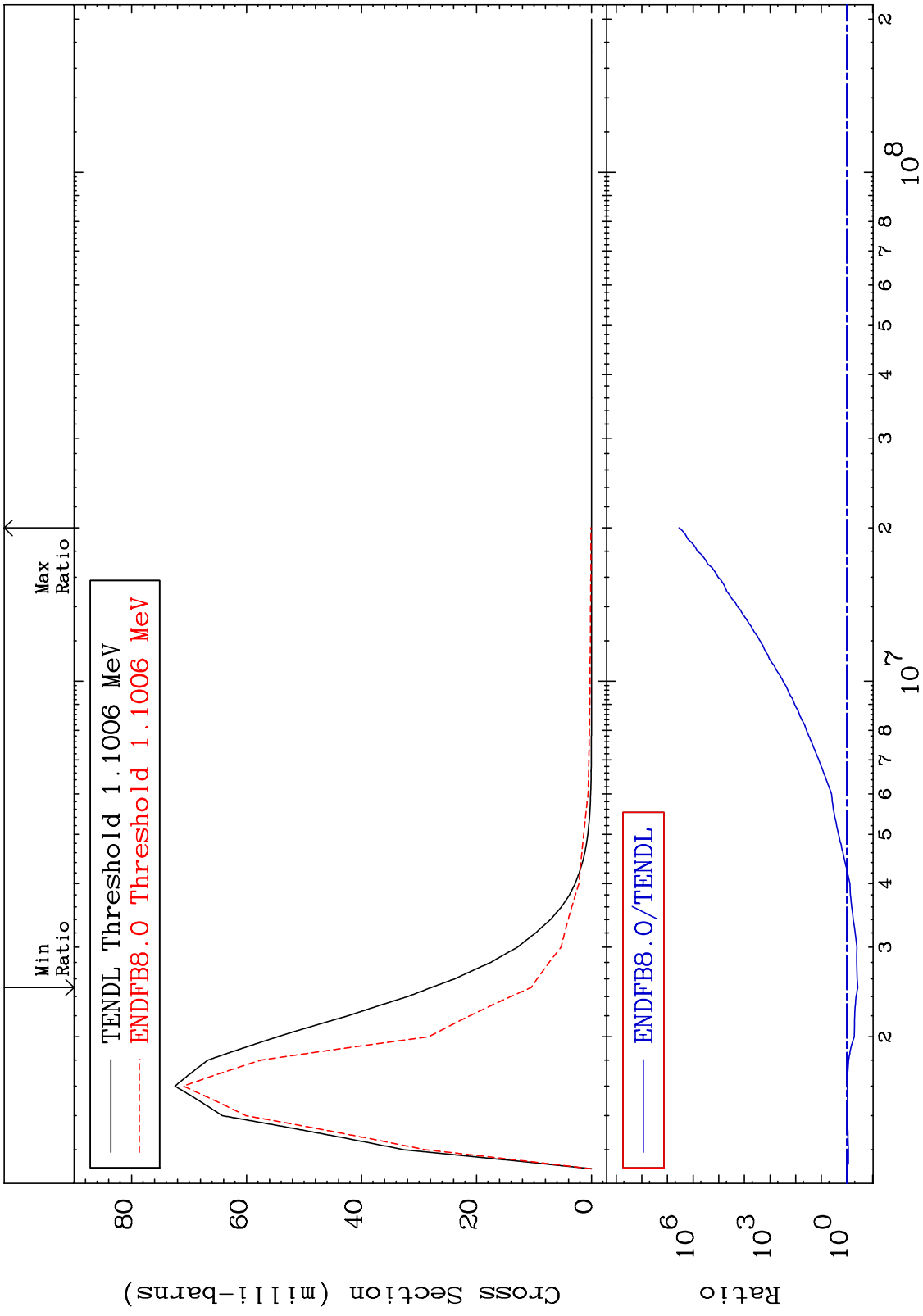
MAT 6843      MT= 57 (n,n') Level Cross Section      68-Er-168  
 -80.80 To -15.33%



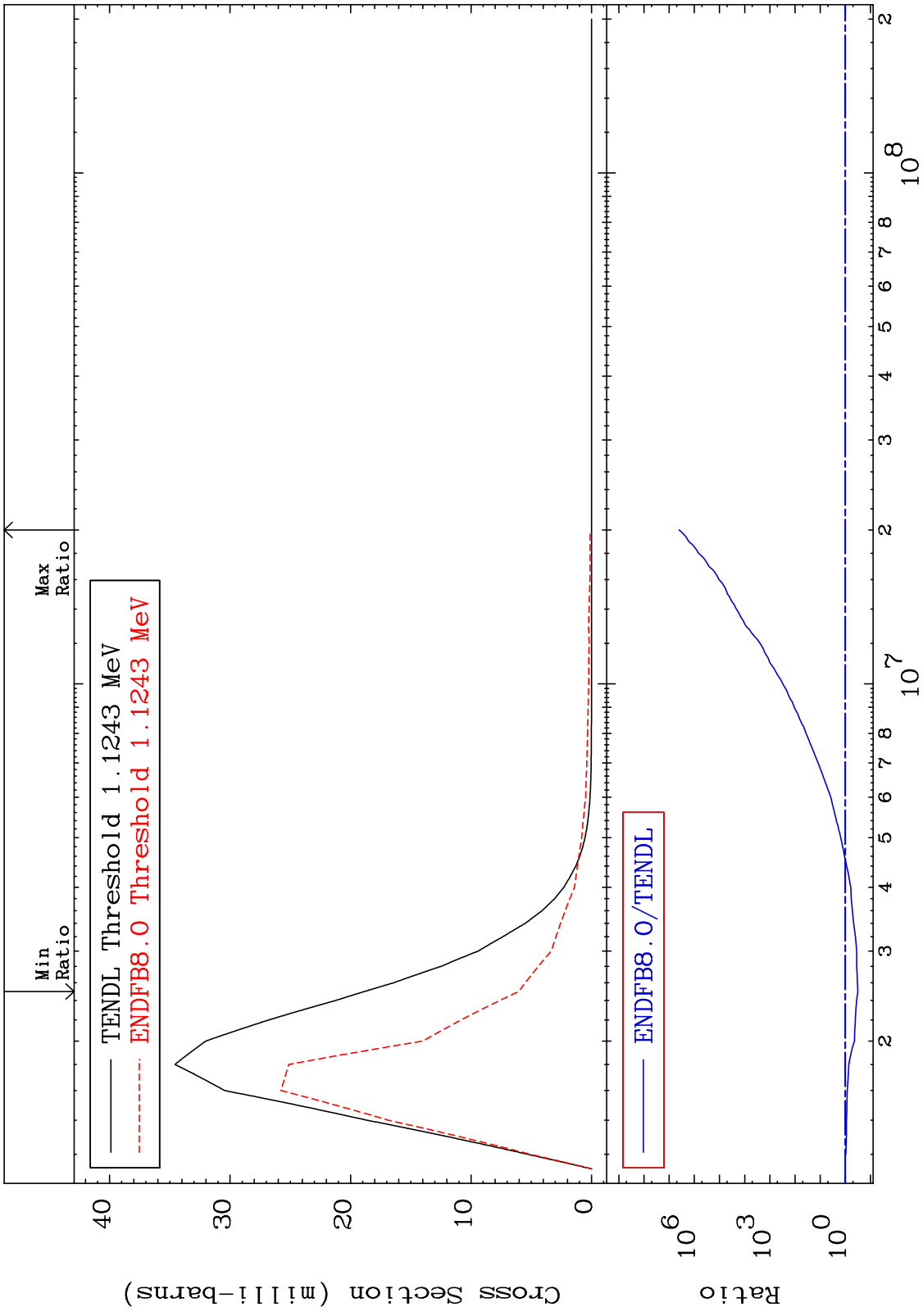
15      68-Er-168



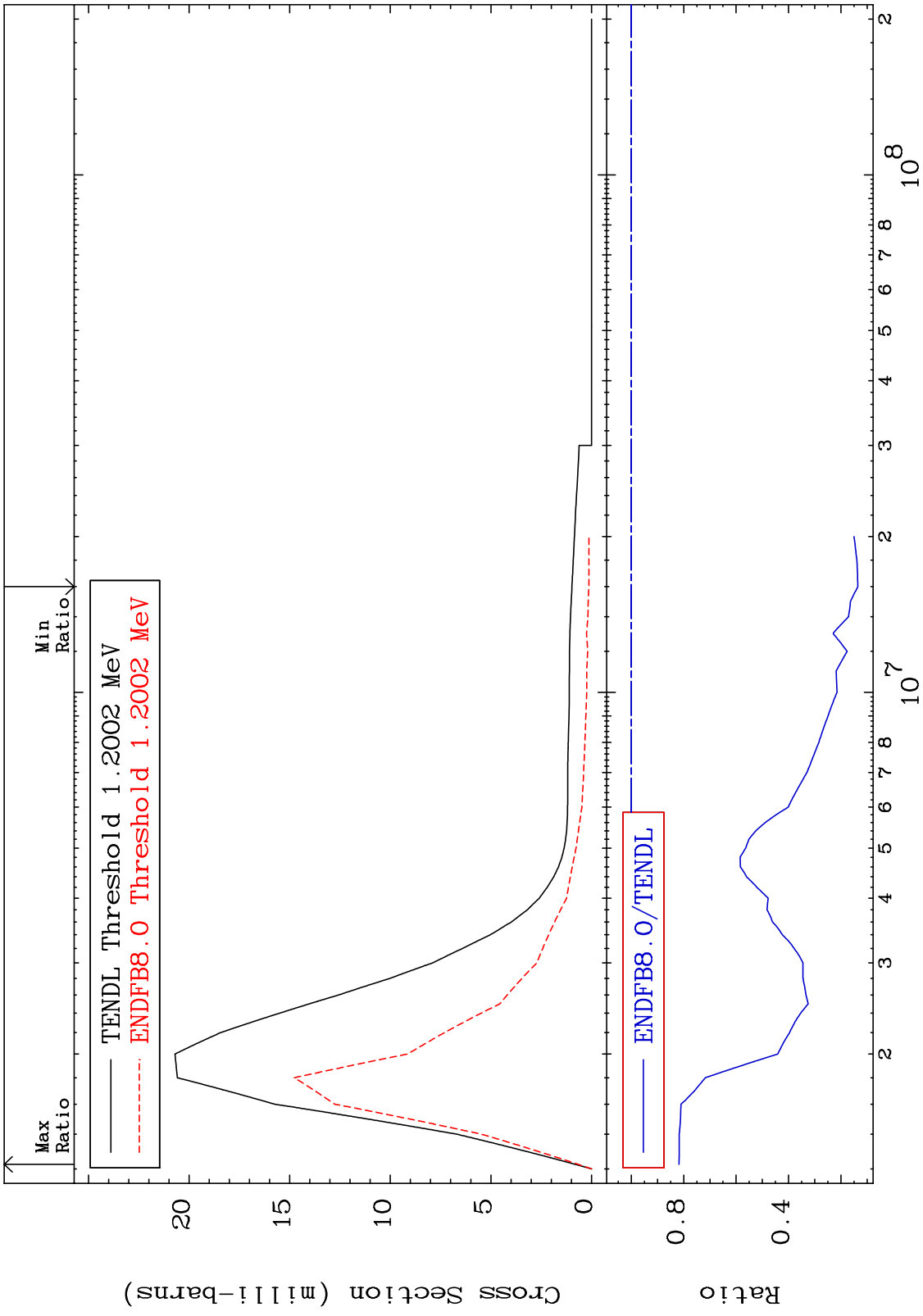
MAT 6843 MT= 58 (n,n') Level Cross Section 68-Er-168 -62.37 To 9999. %



MAT 6843 MT= 59 (n,n') Level Cross Section 68-Er-168  
 -67.96 To 9999. %



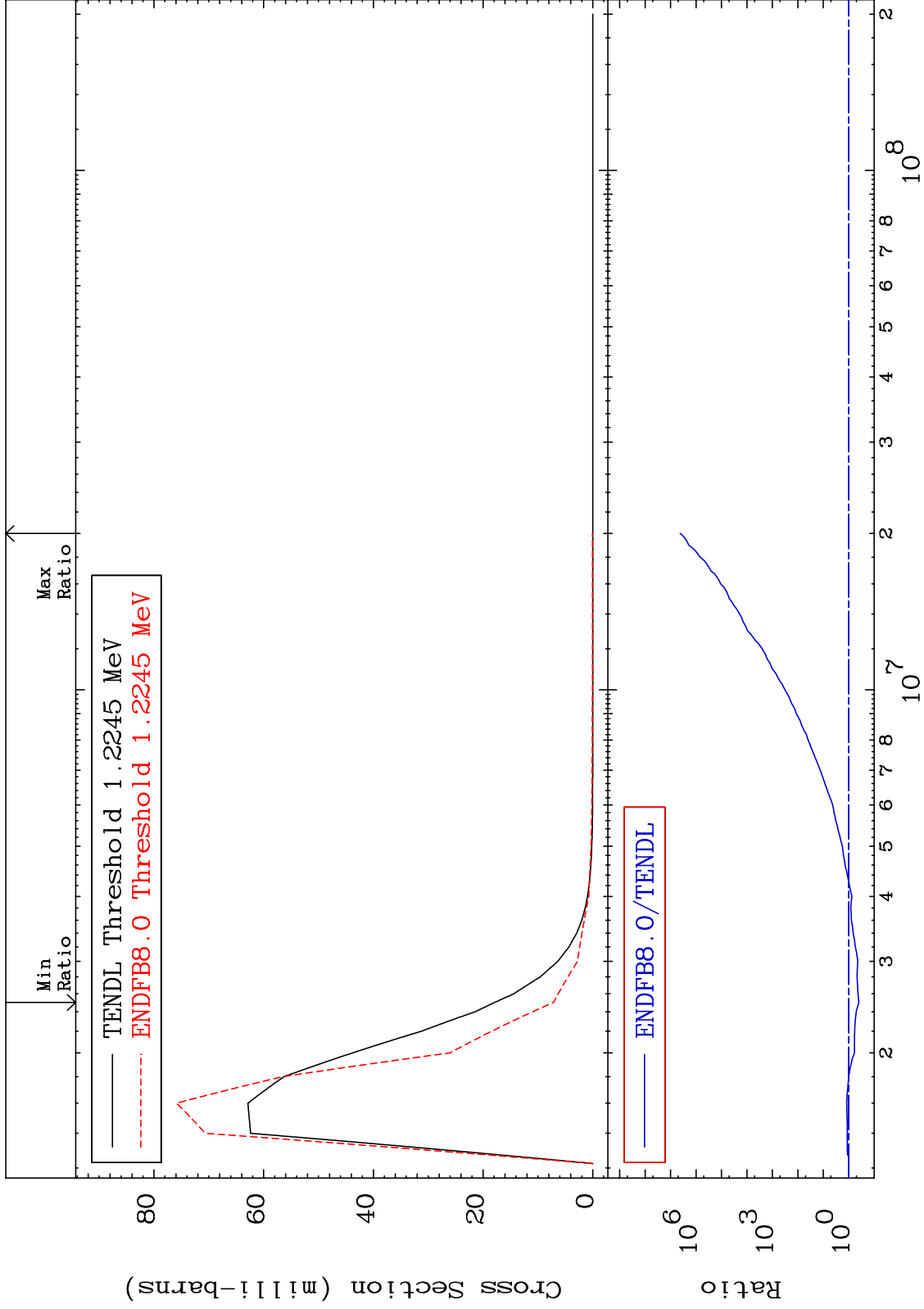
MAT 6843 MT= 60 (n,n') Level Cross Section 68-Er-168 -86.46 To -18.22%



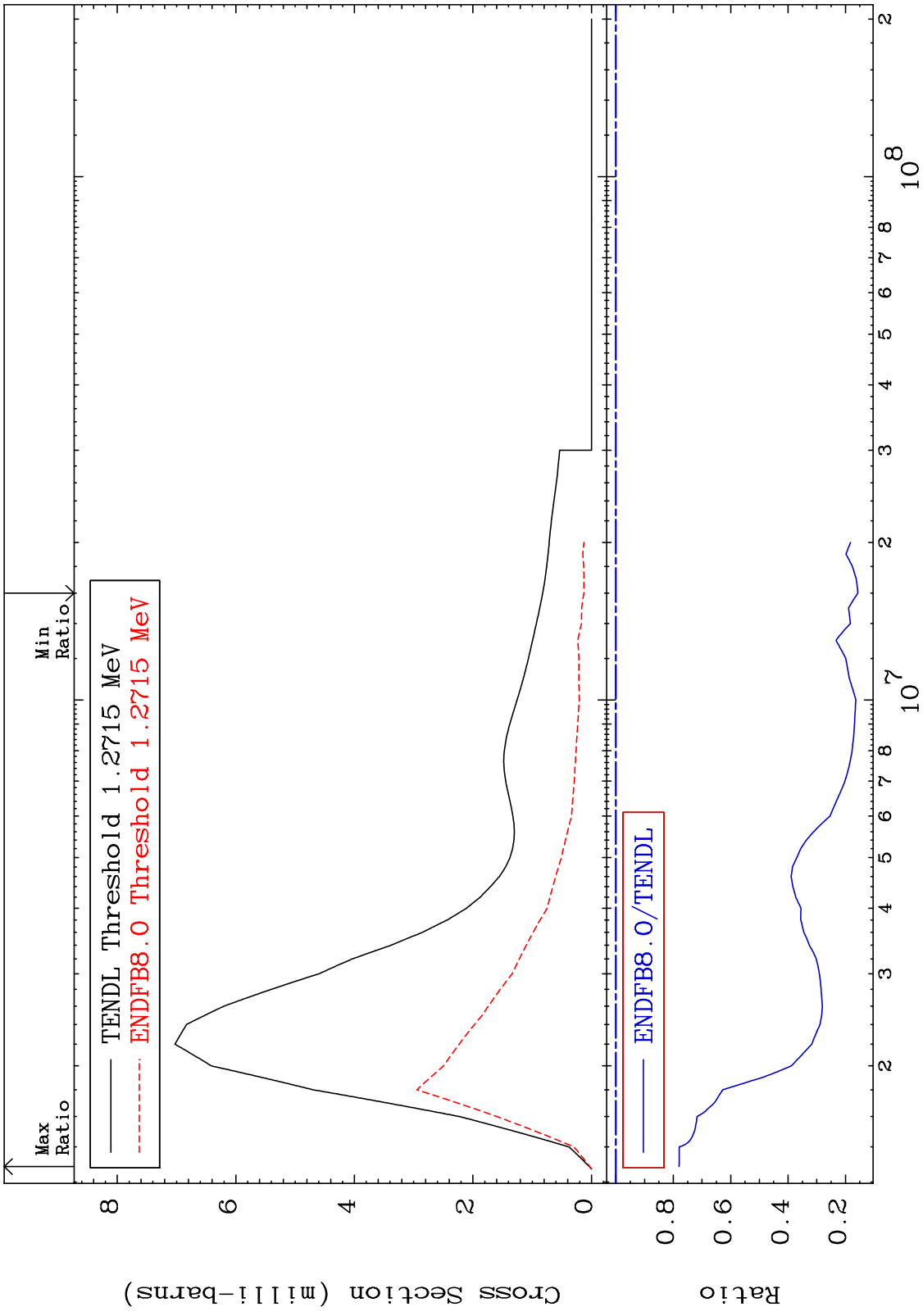
MAT 6843

MT= 61 (n,n') Level  
Cross Section

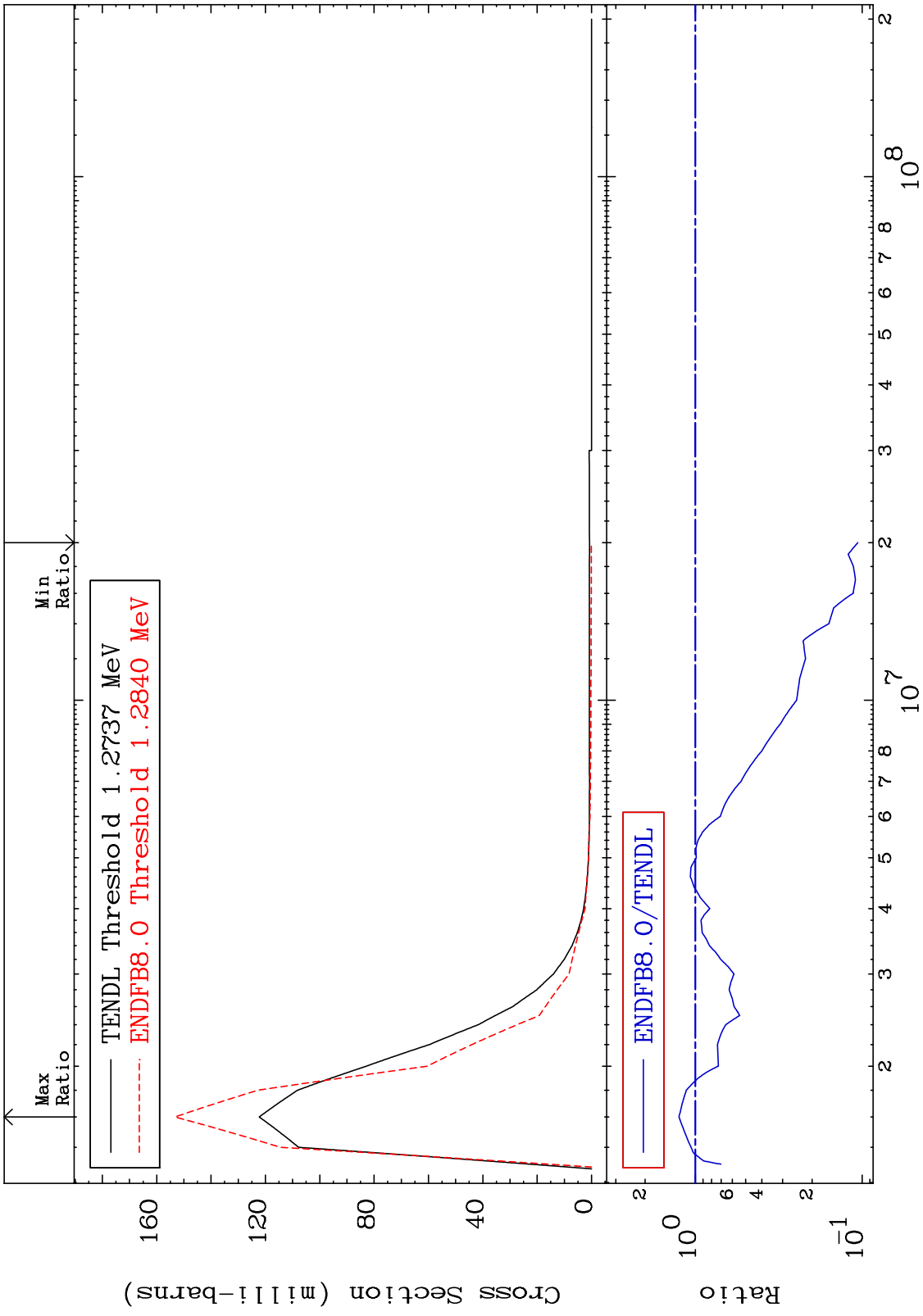
68-Er-168  
-60.04 To 9999. %



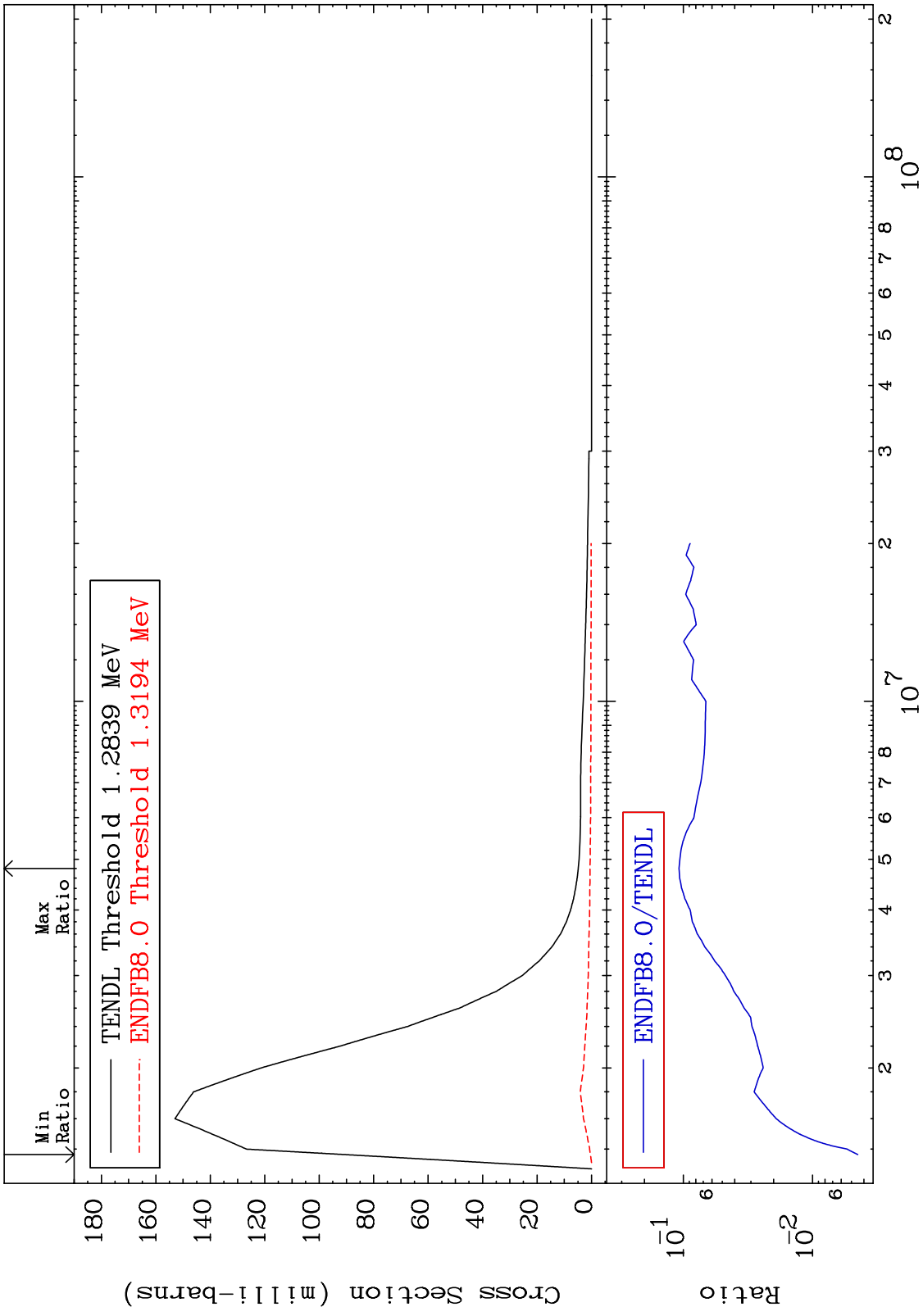
MAT 6843 MT= 62 (n,n') Level Cross Section 68-Er-168 -84.30 To -22.00%



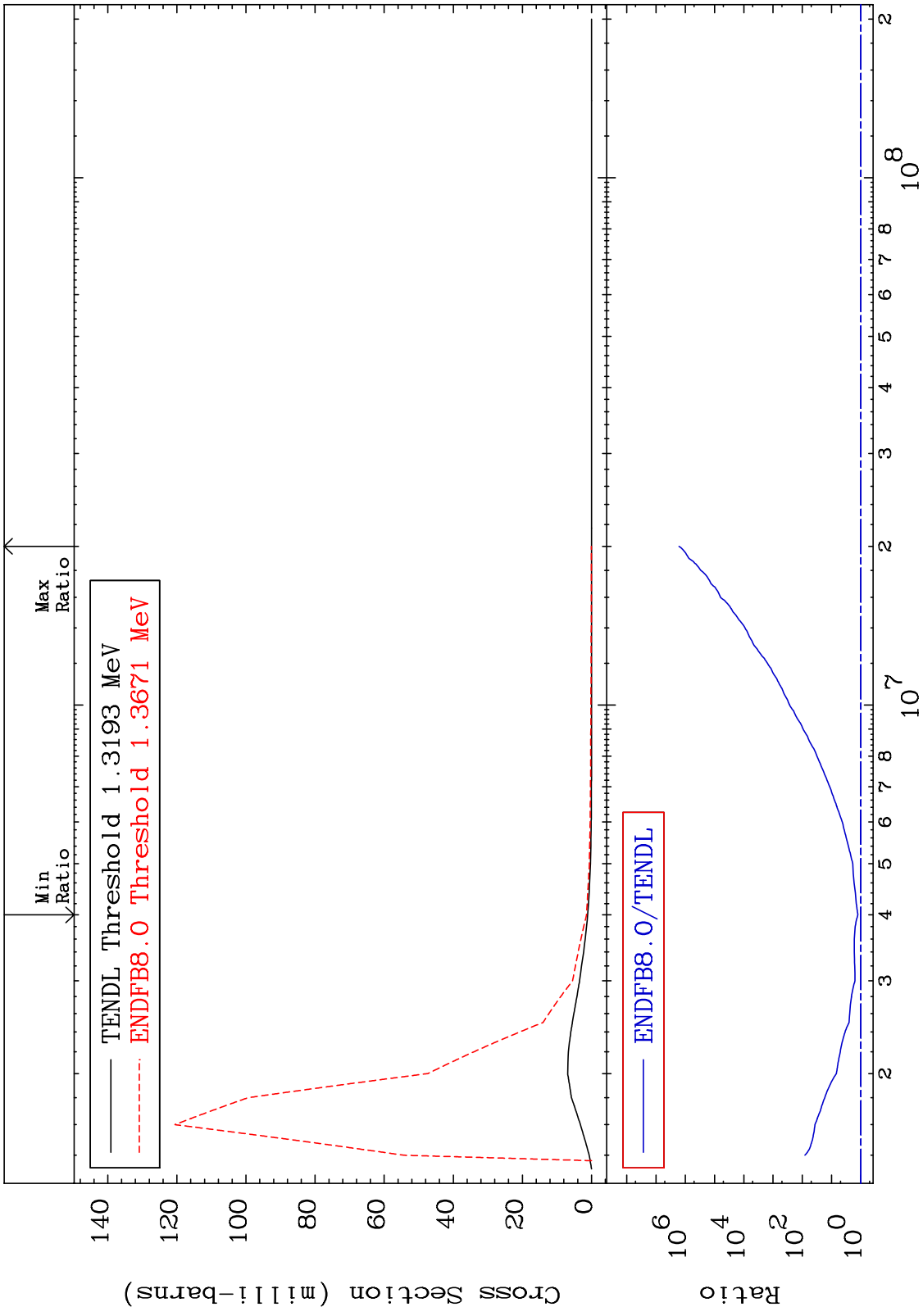
MAT 6843 MT= 63 (n,n') Level Cross Section 68-Er-168 -89.37 To 25.35 %



MAT 6843 MT= 64 (n,n') Level Cross Section 68-Er-168 -99.55 To -89.21%

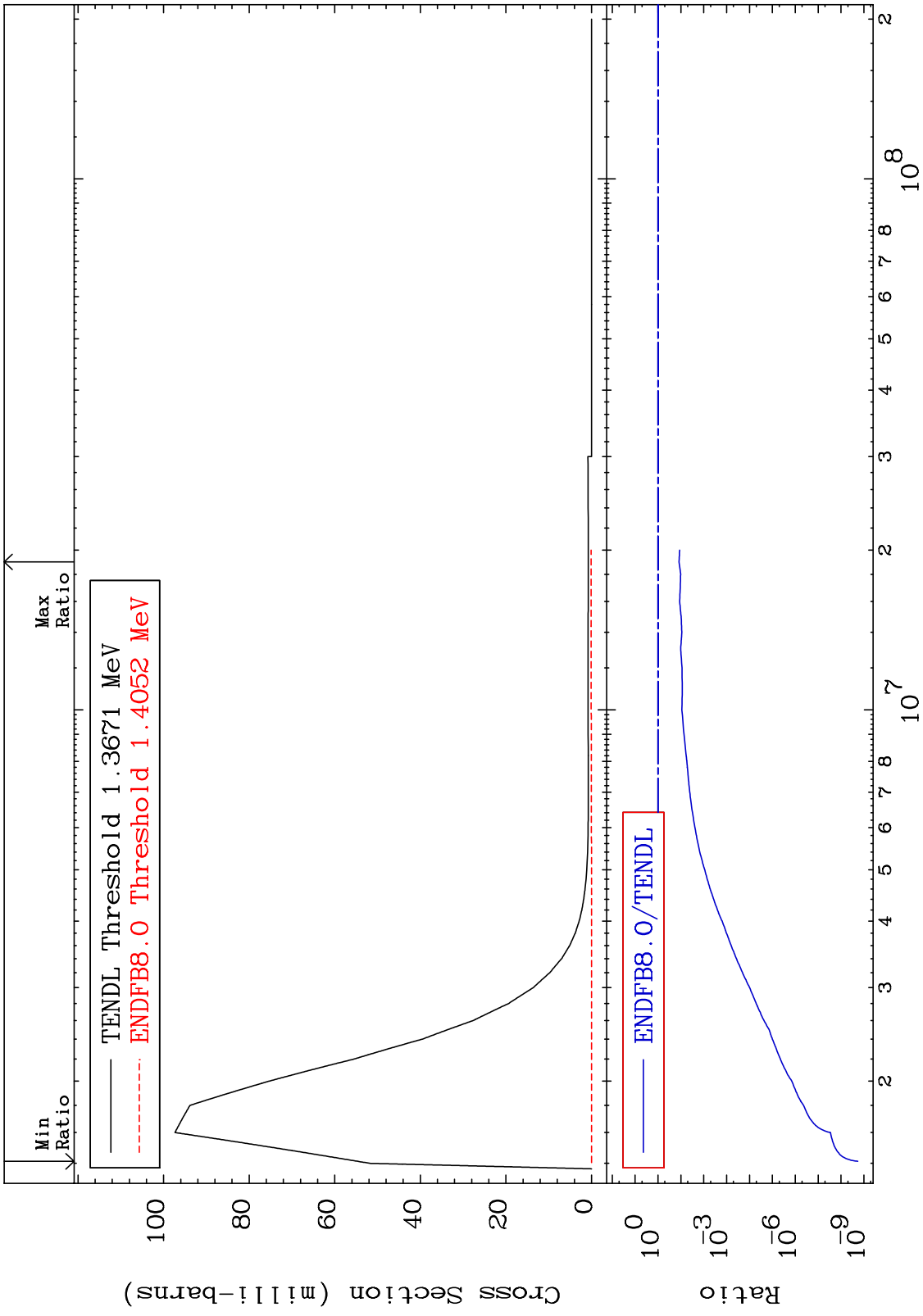


MAT 6843 MT= 65 (n,n') Level Cross Section 68-Er-168 27.03 To 9999. %





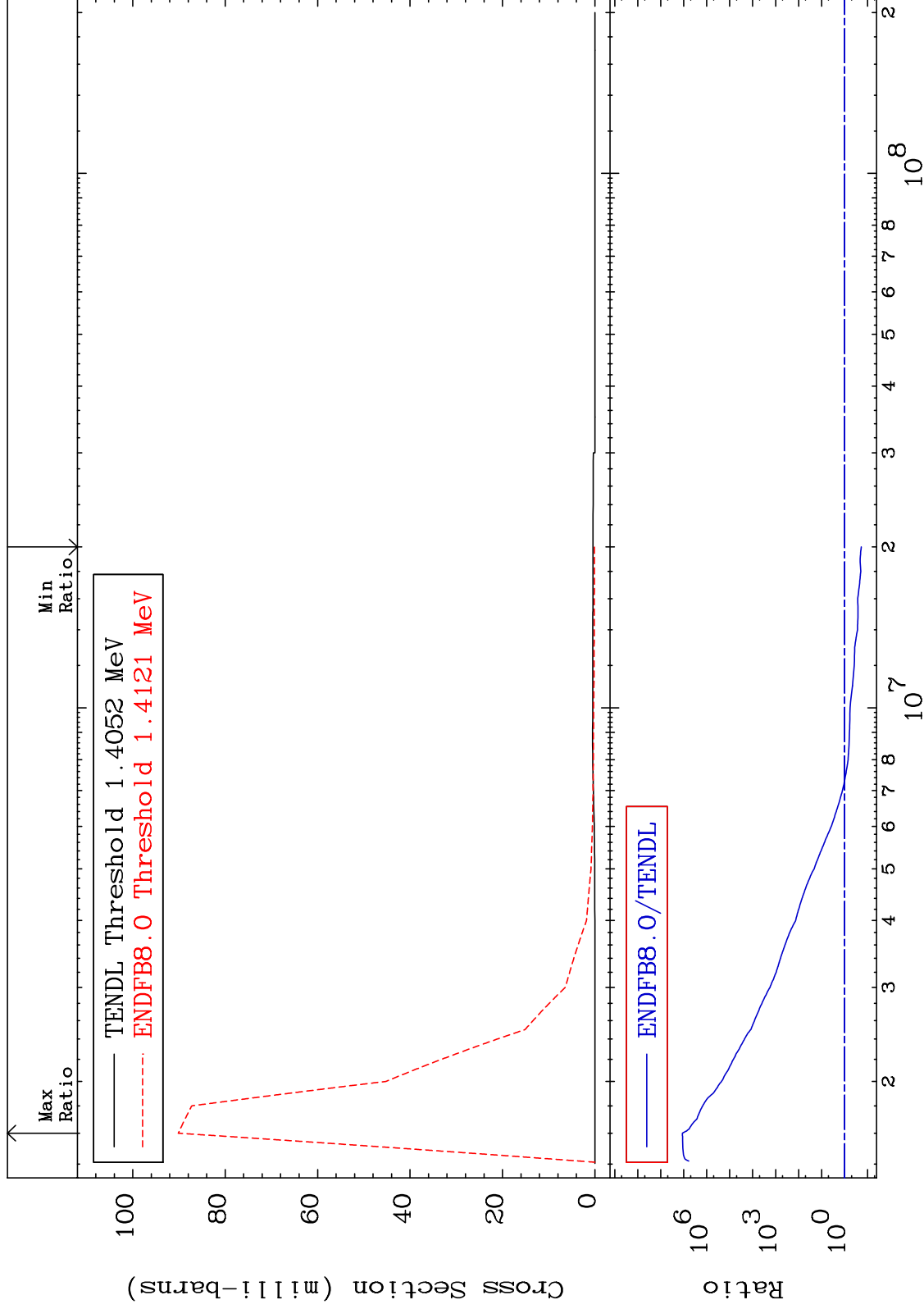
MAT 6843 MT= 66 (n,n') Level Cross Section 68-Er-168 -100.0 To -88.02%



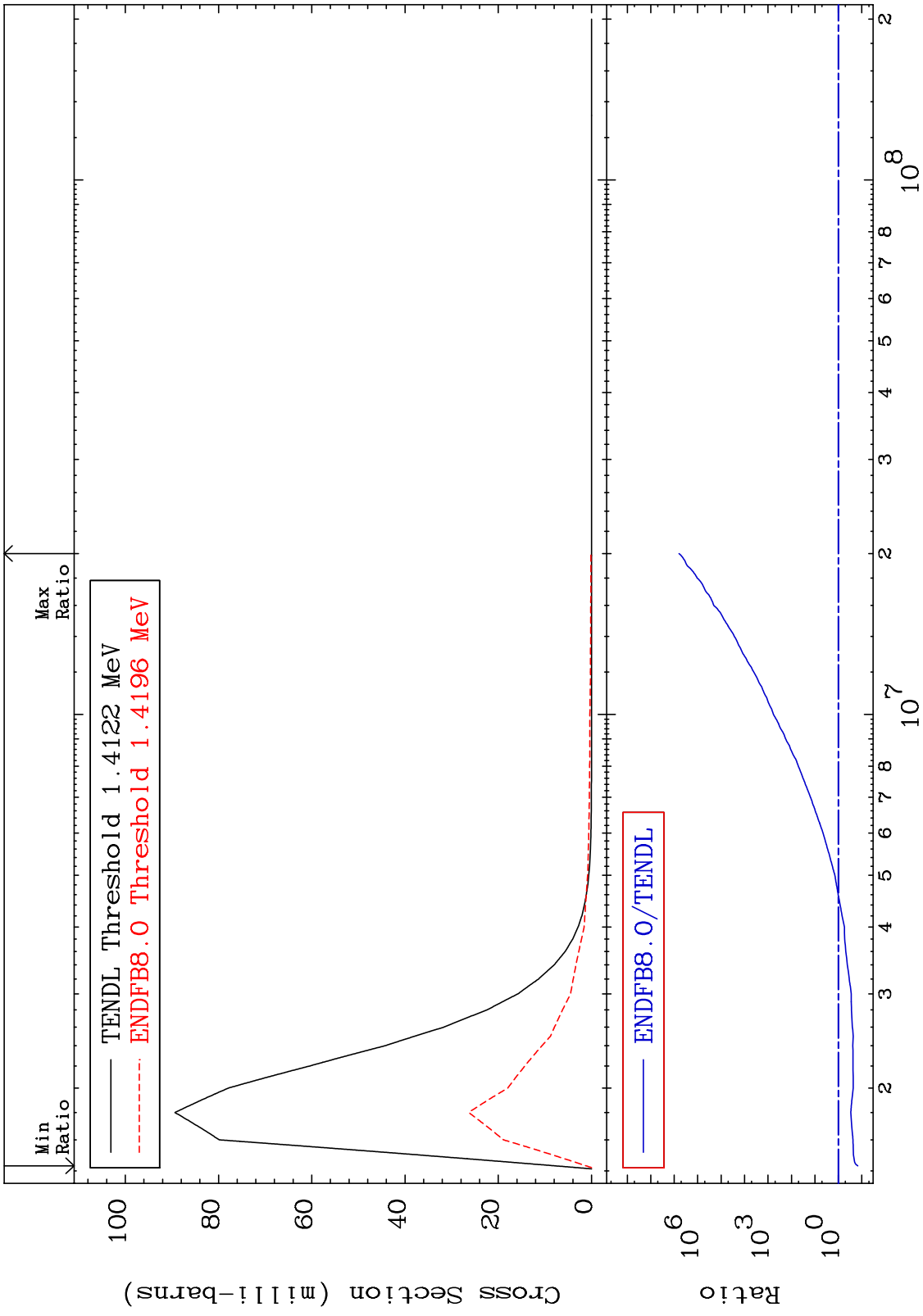
MAT 6843

MT= 67 (n,n') Level  
Cross Section

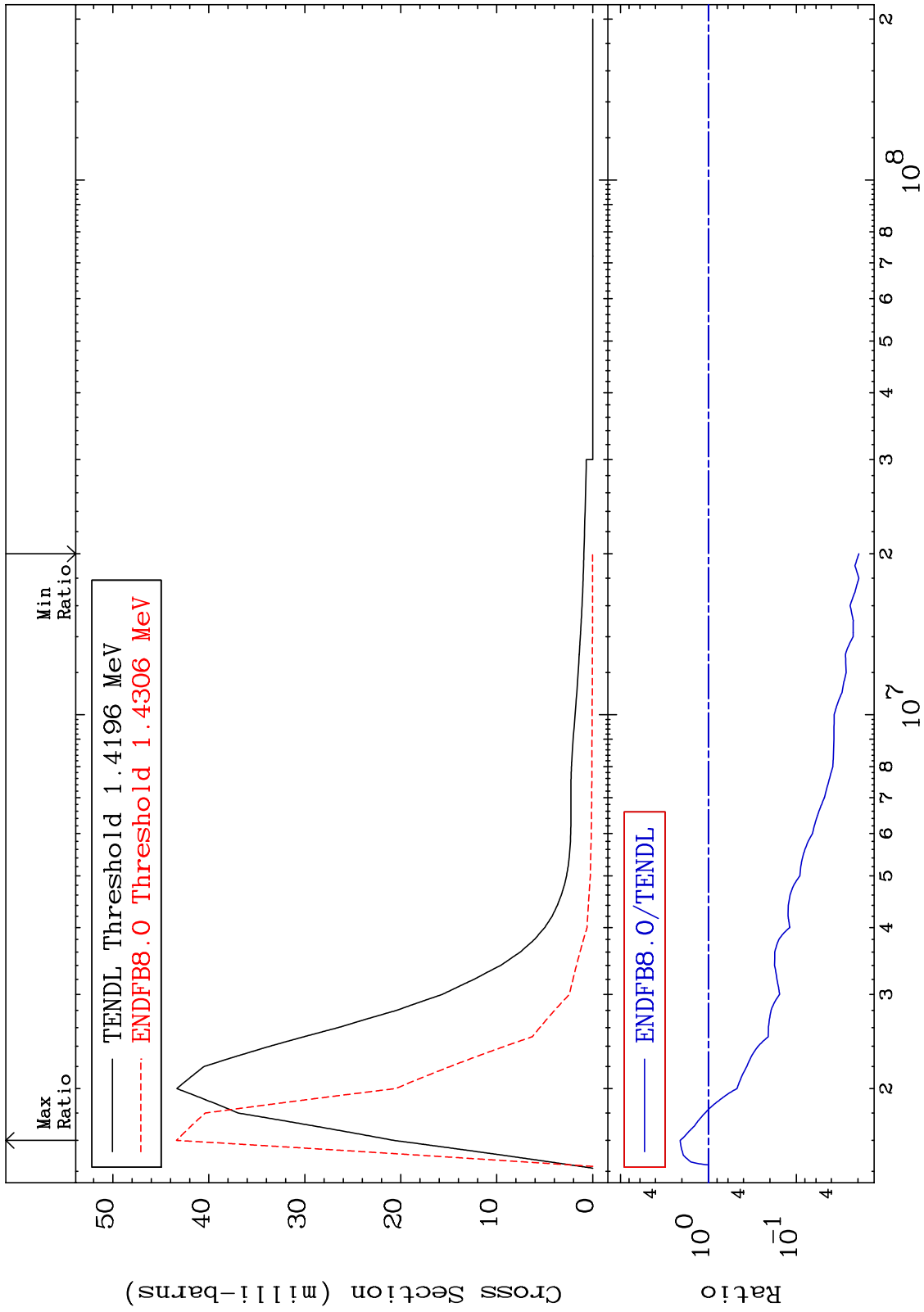
68-Er-168  
-81.20 To 9999. %



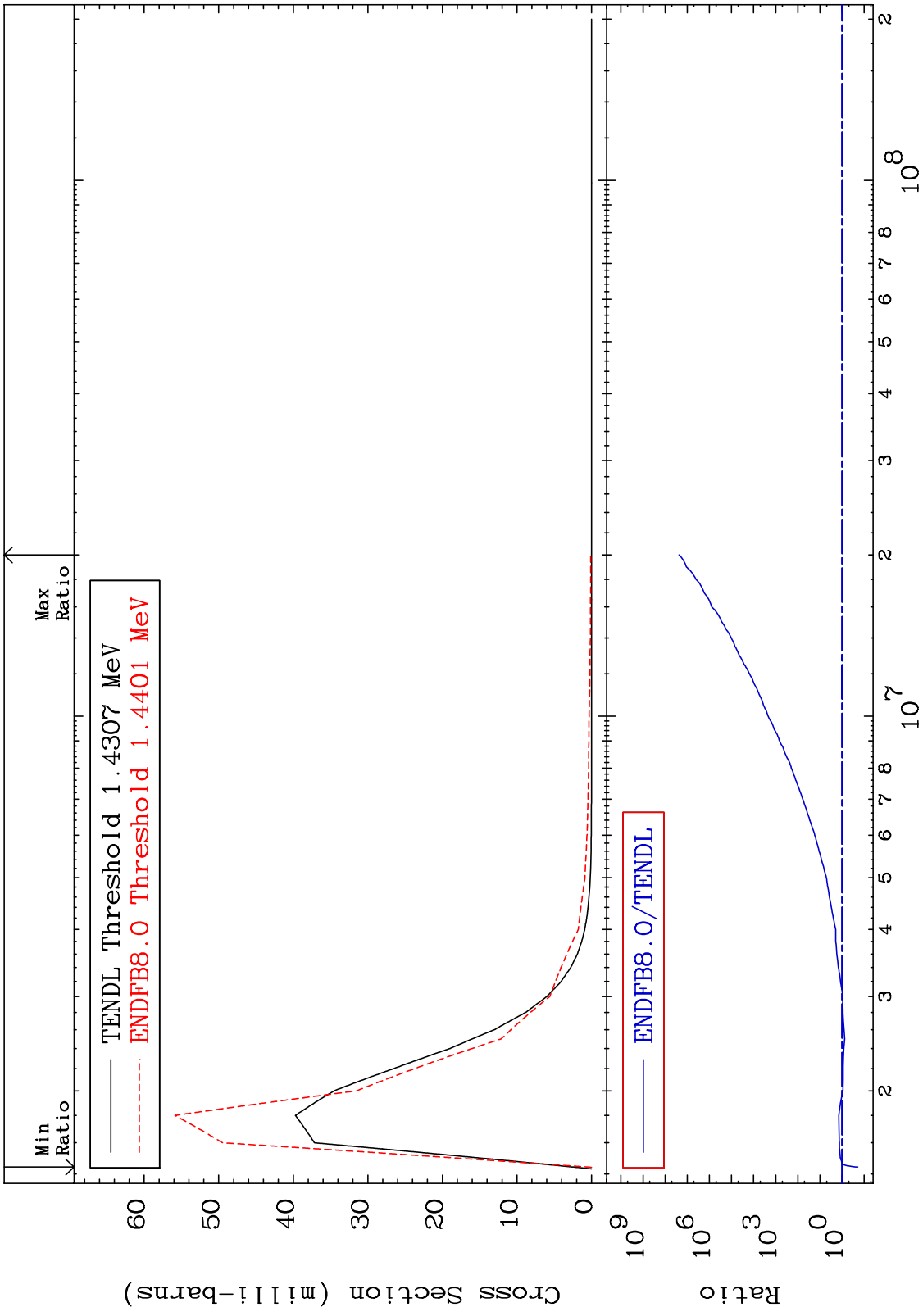
MAT 6843 MT= 68 (n,n') Level Cross Section 68-Er-168 -85.26 To 9999. %



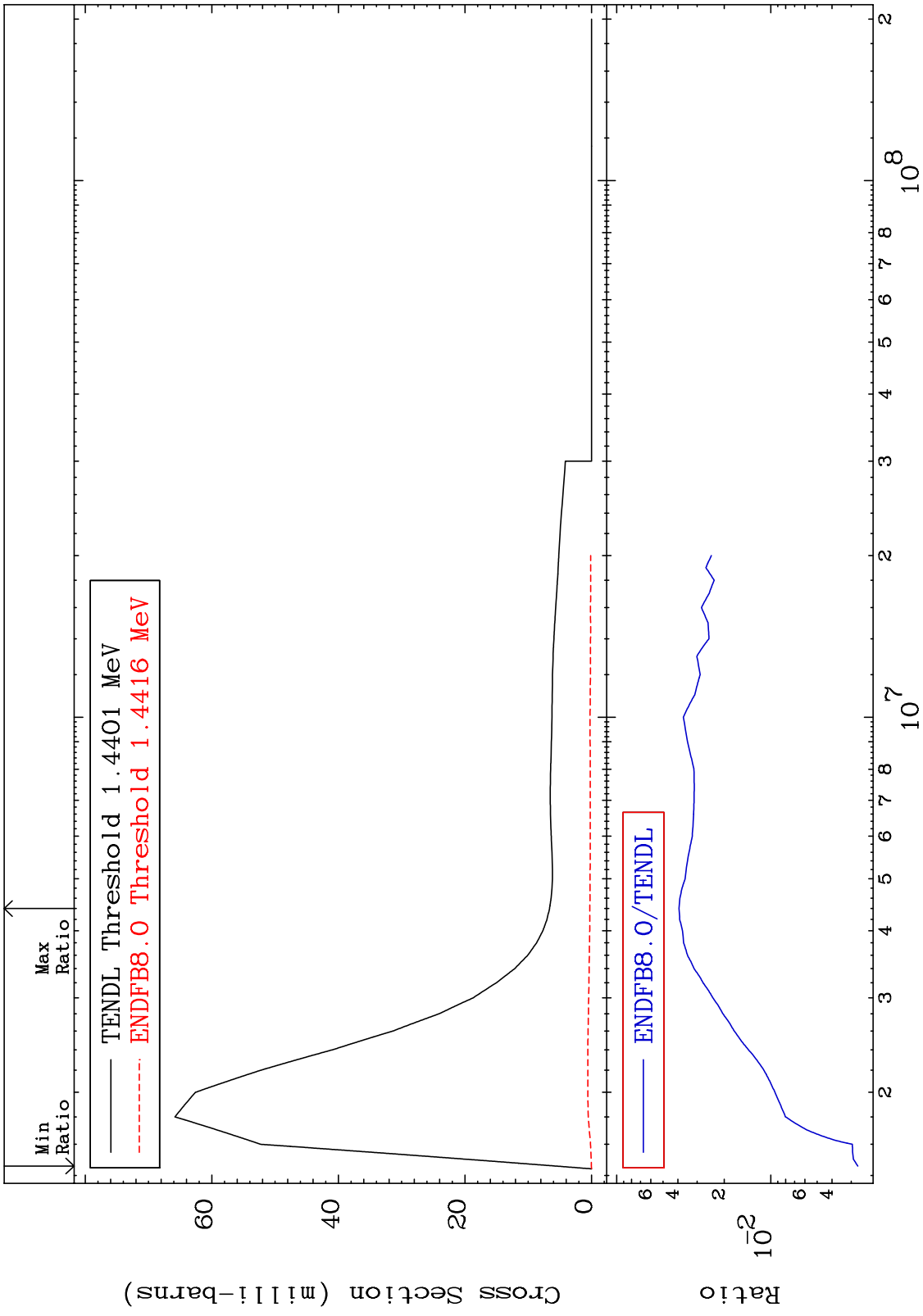
MAT 6843 MT= 69 (n,n') Level Cross Section 68-Er-168 -98.05 To 109.3 %



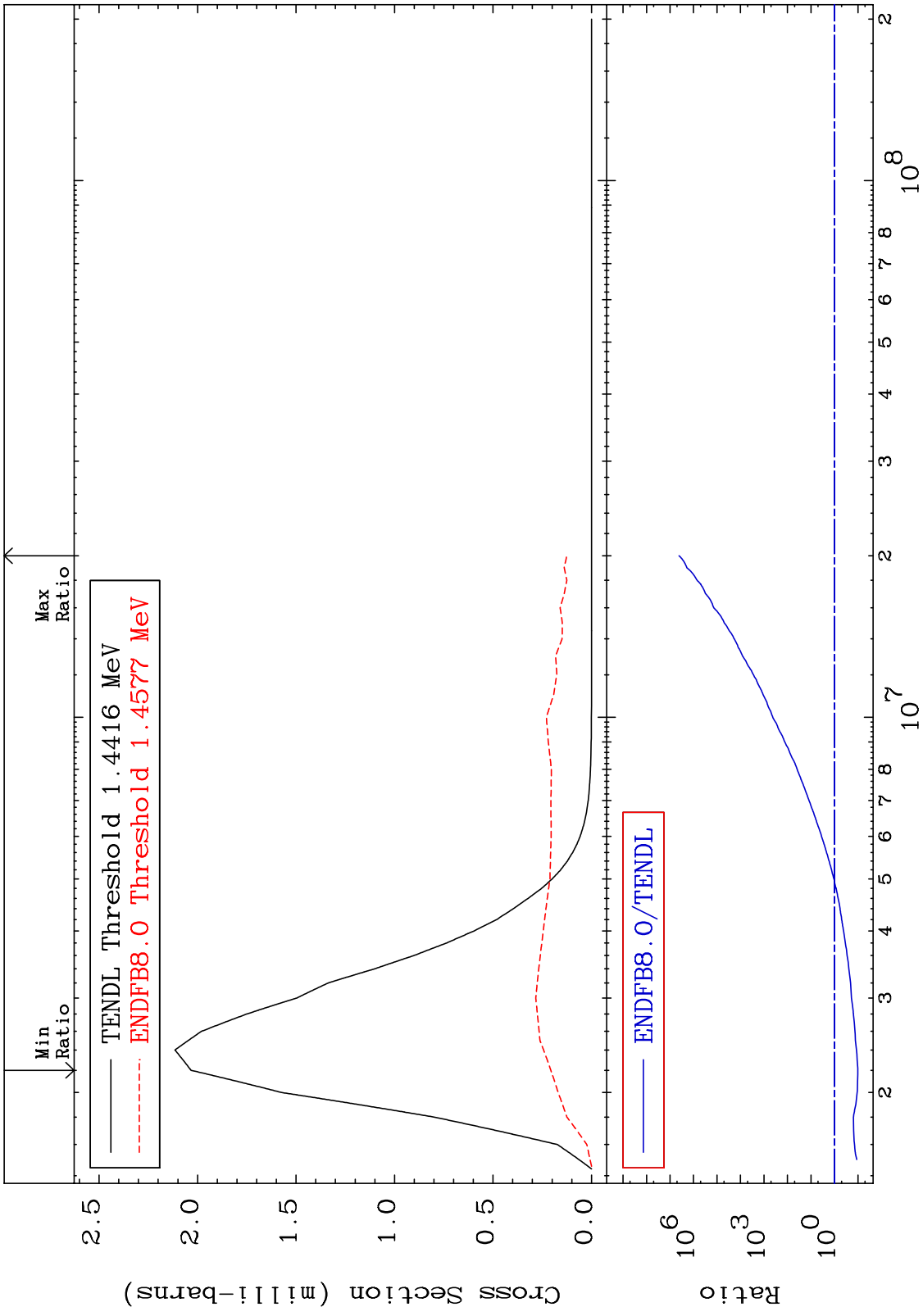
MAT 6843      MT= 70 (n,n') Level Cross Section      68-Er-168  
 -80.55 To 9999. %



MAT 6843 MT= 71 (n,n') Level Cross Section 68-Er-168 -99.73 To -96.06%



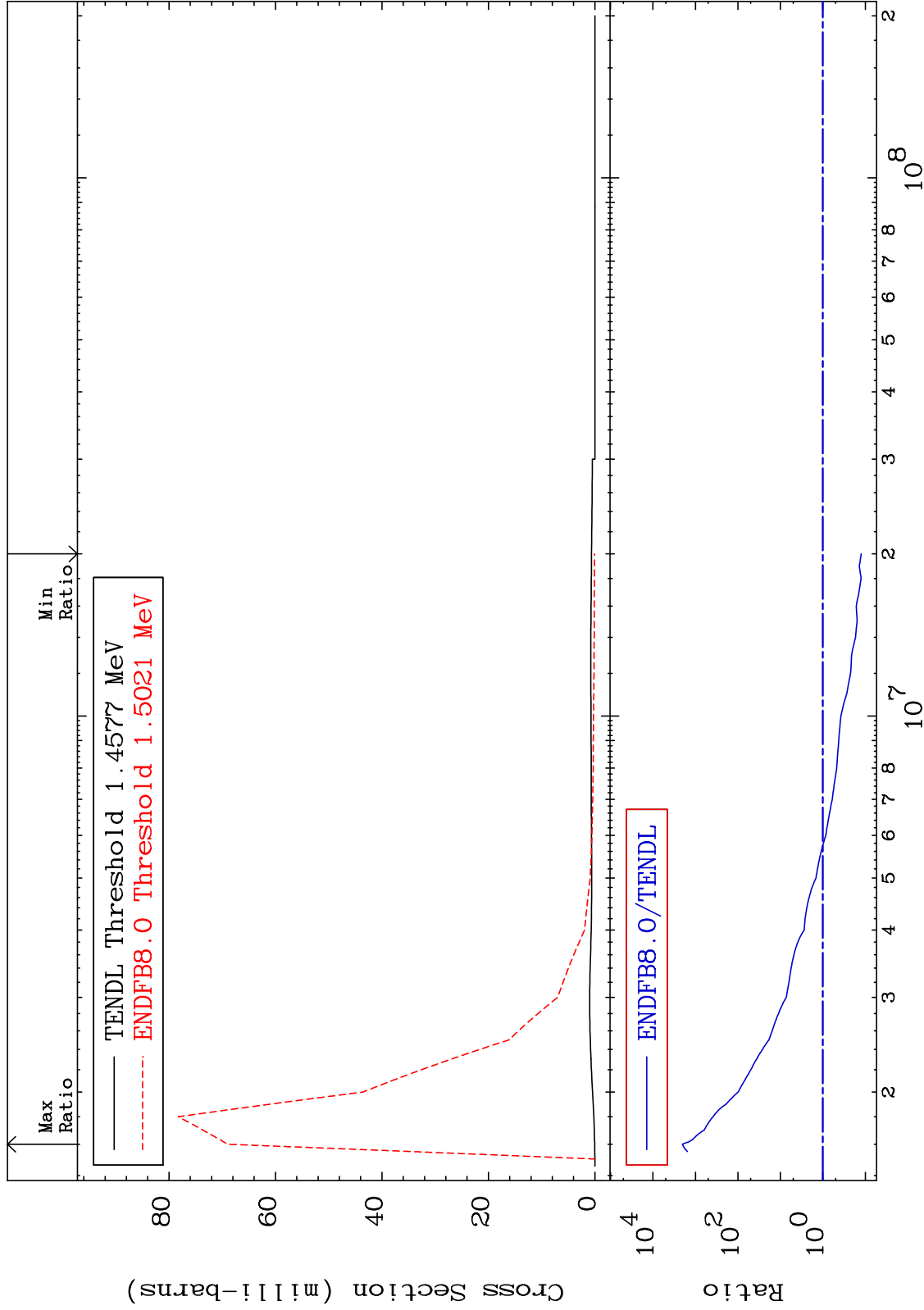
MAT 6843 MT= 72 (n,n') Level Cross Section 68-Er-168  
 -89.85 To 9999. %



MAT 6843

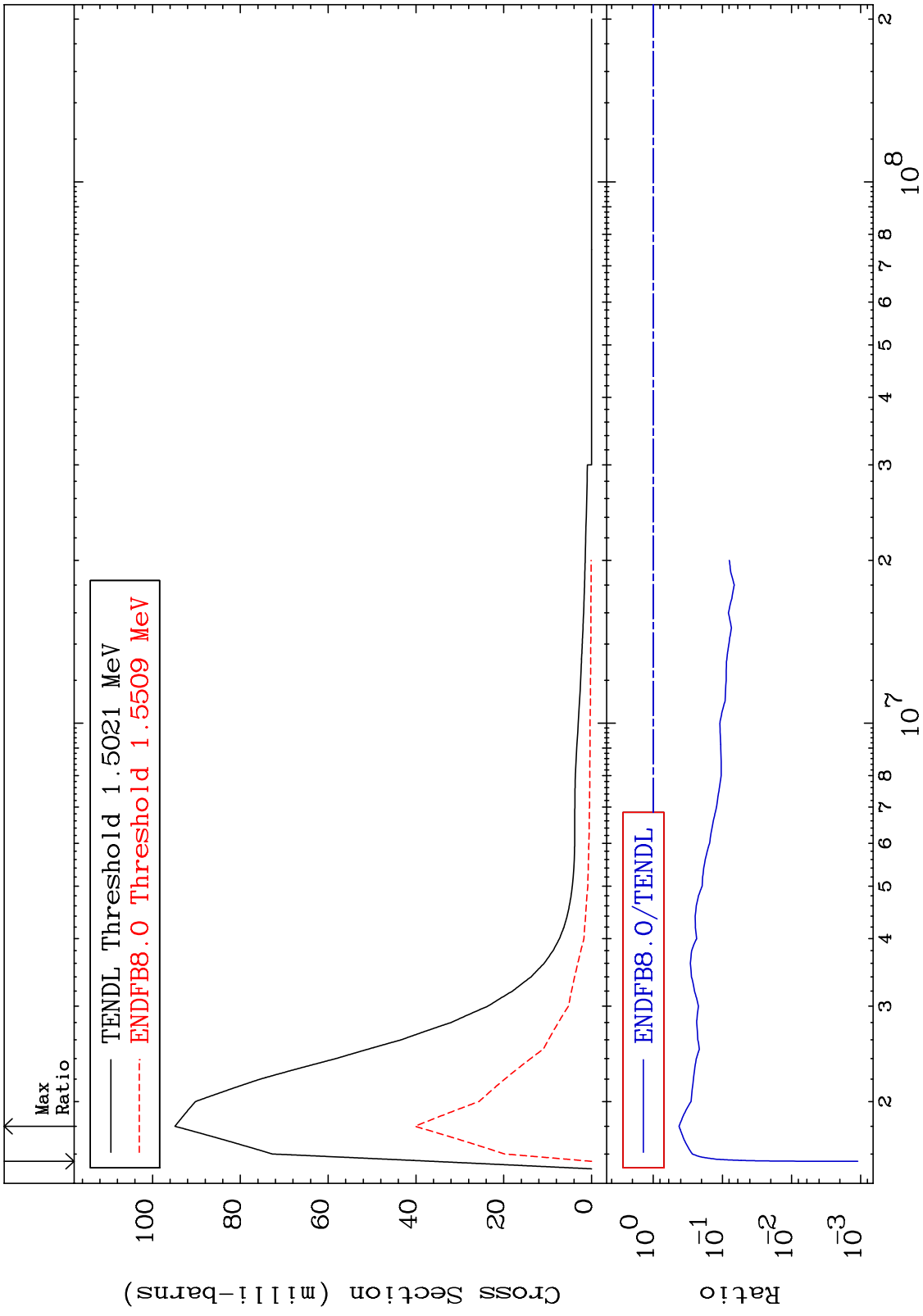
MT= 73 (n,n') Level  
Cross Section

68-Er-168  
-87.57 To 9999. %

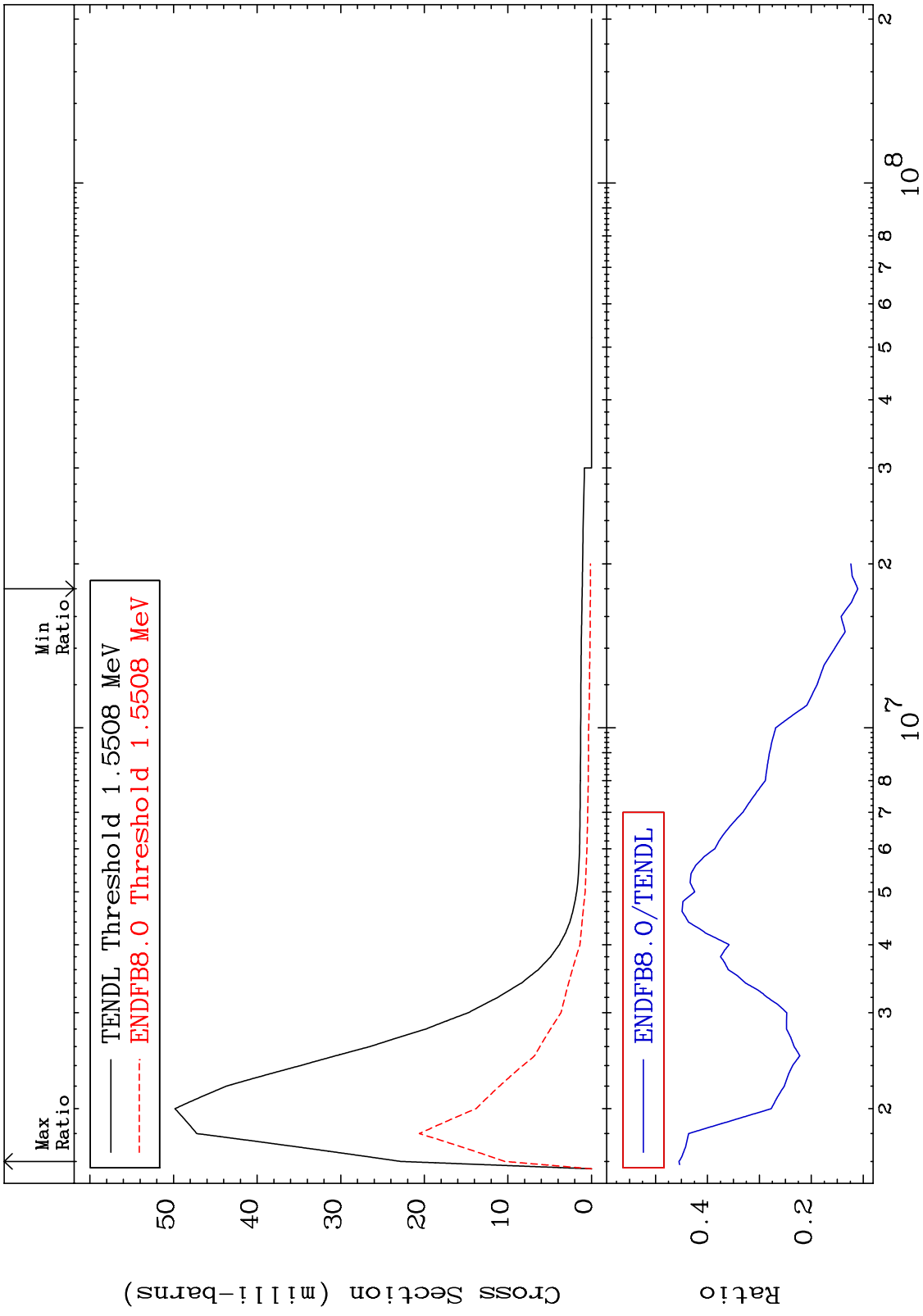




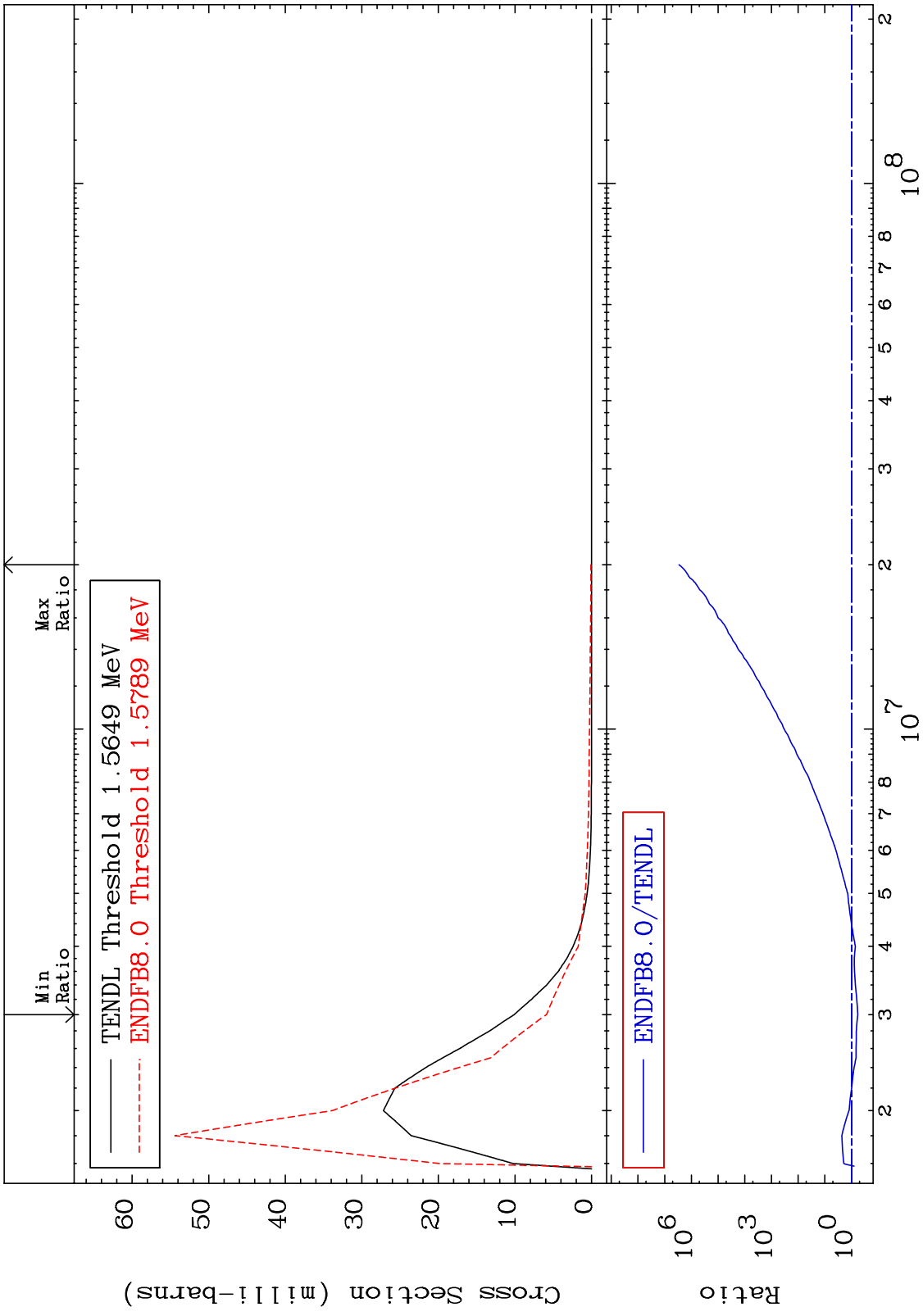
MAT 6843 MT= 74 (n,n') Level Cross Section 68-Er-168  
 -99.89 To -57.62%



MAT 6843 MT= 75 (n,n') Level Cross Section 68-Er-168 -88.95 To -54.54%



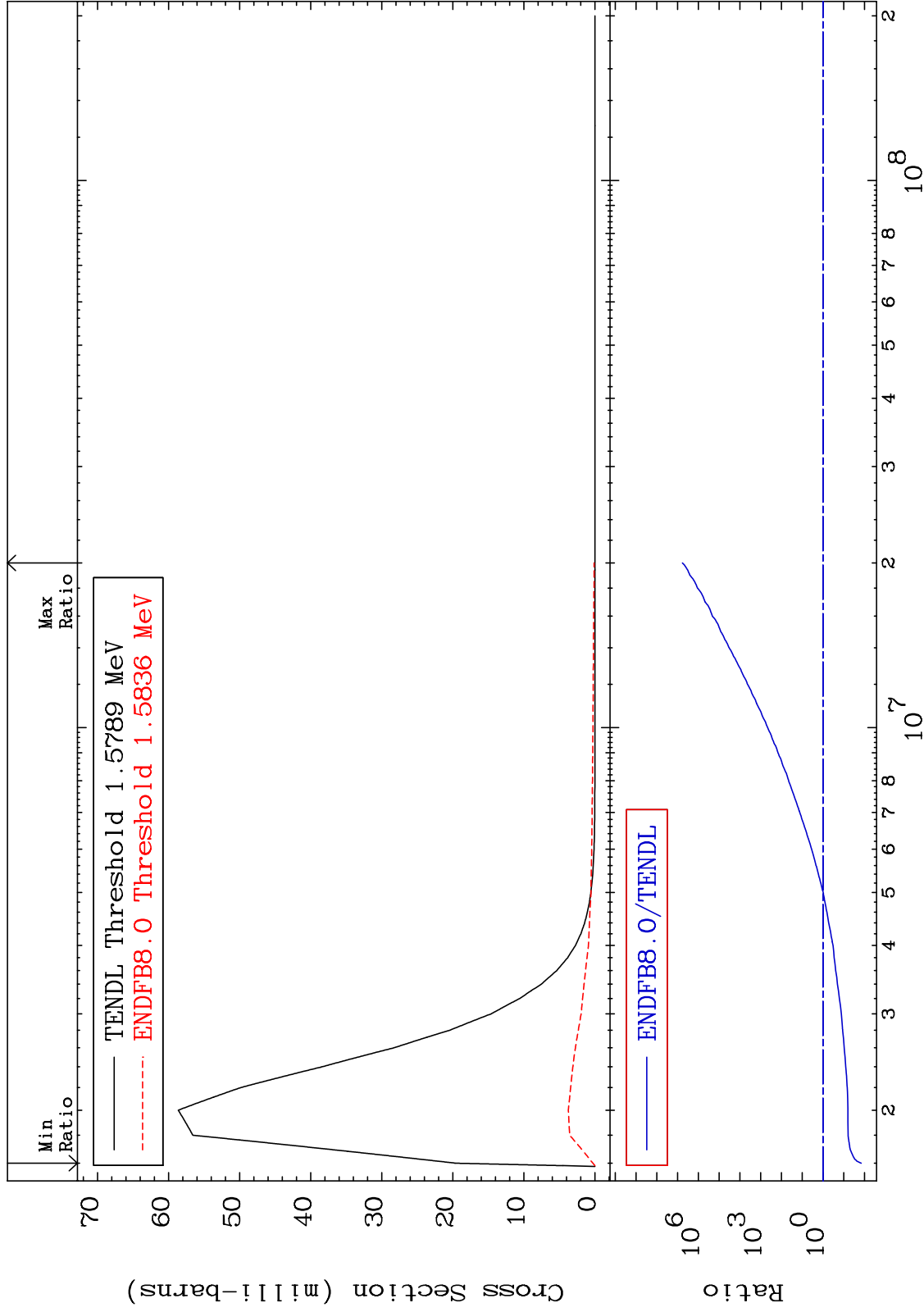
MAT 6843 MT= 76 (n,n') Level Cross Section 68-Er-168  
 -41.80 To 9999. %



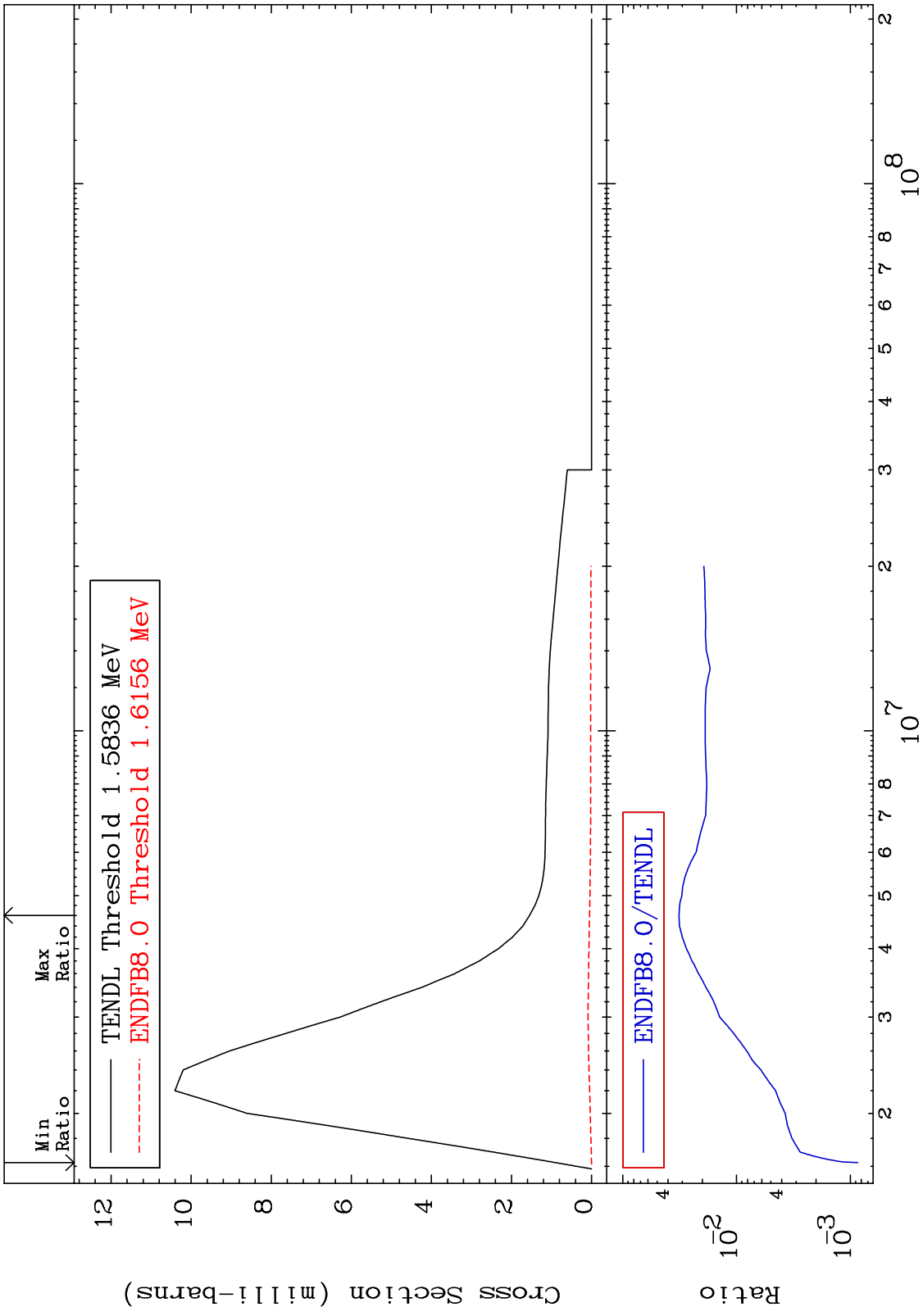
MAT 6843

MT= 77 (n,n') Level  
Cross Section

68-Er-168  
-98.55 To 9999. %



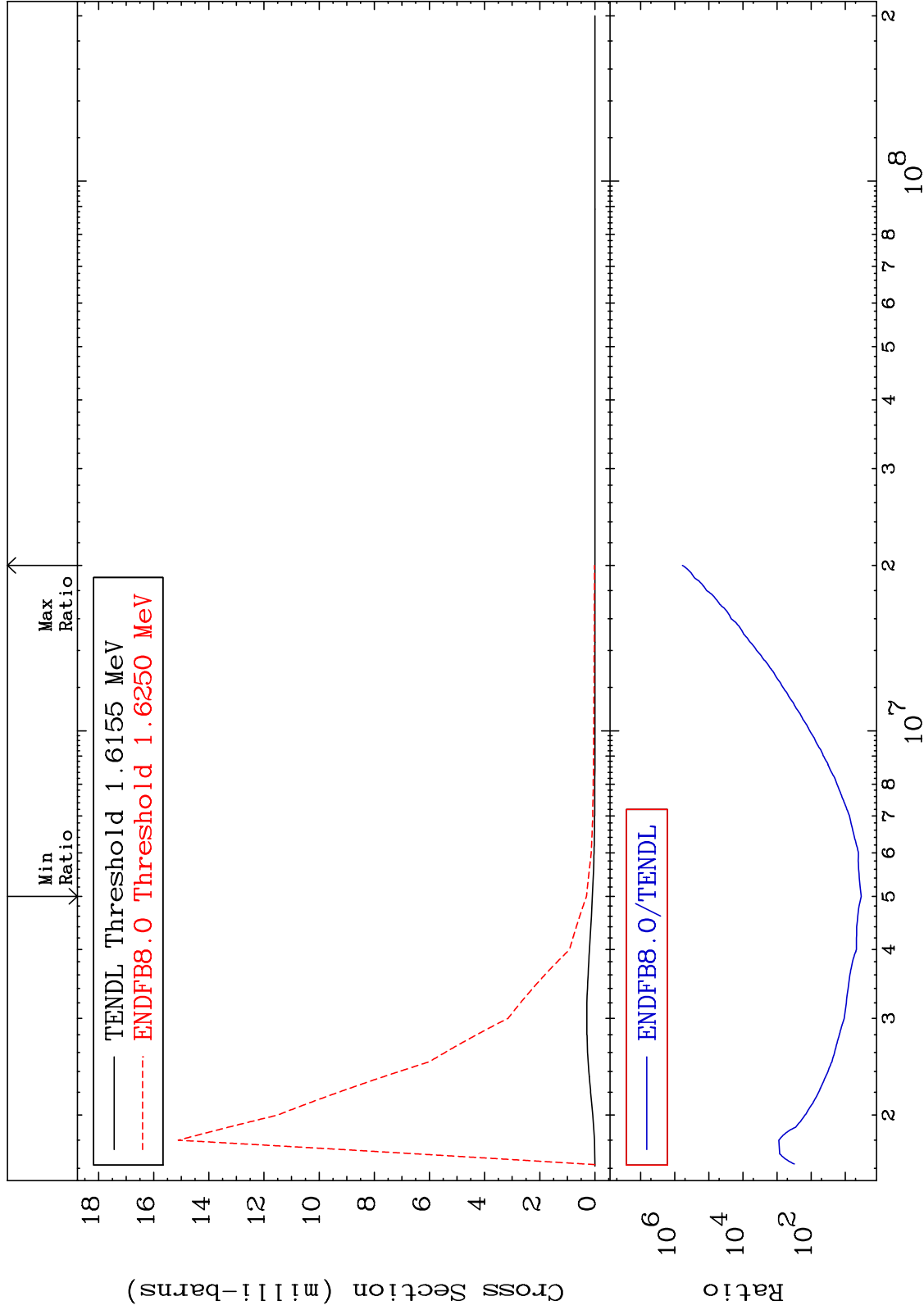
MAT 6843 MT= 78 (n,n') Level Cross Section 68-Er-168 -99.91 To -96.80%



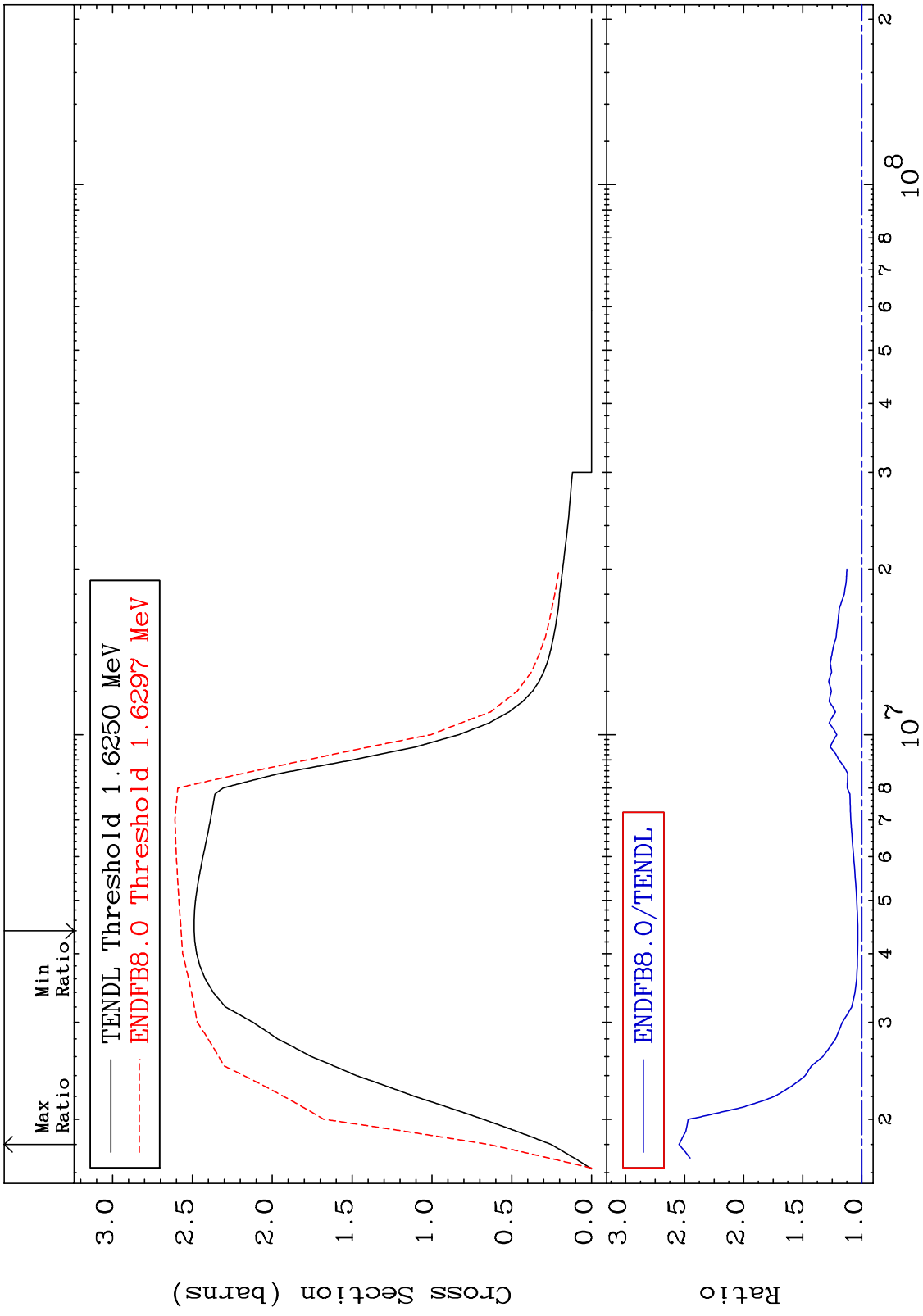
MAT 6843

MT= 79 (n,n') Level  
Cross Section

68-Er-168  
239.3 To 9999. %



MAT 6843 (n, n') Continuum Cross Section 68-Er-168 To 154.8 %  
 3.258



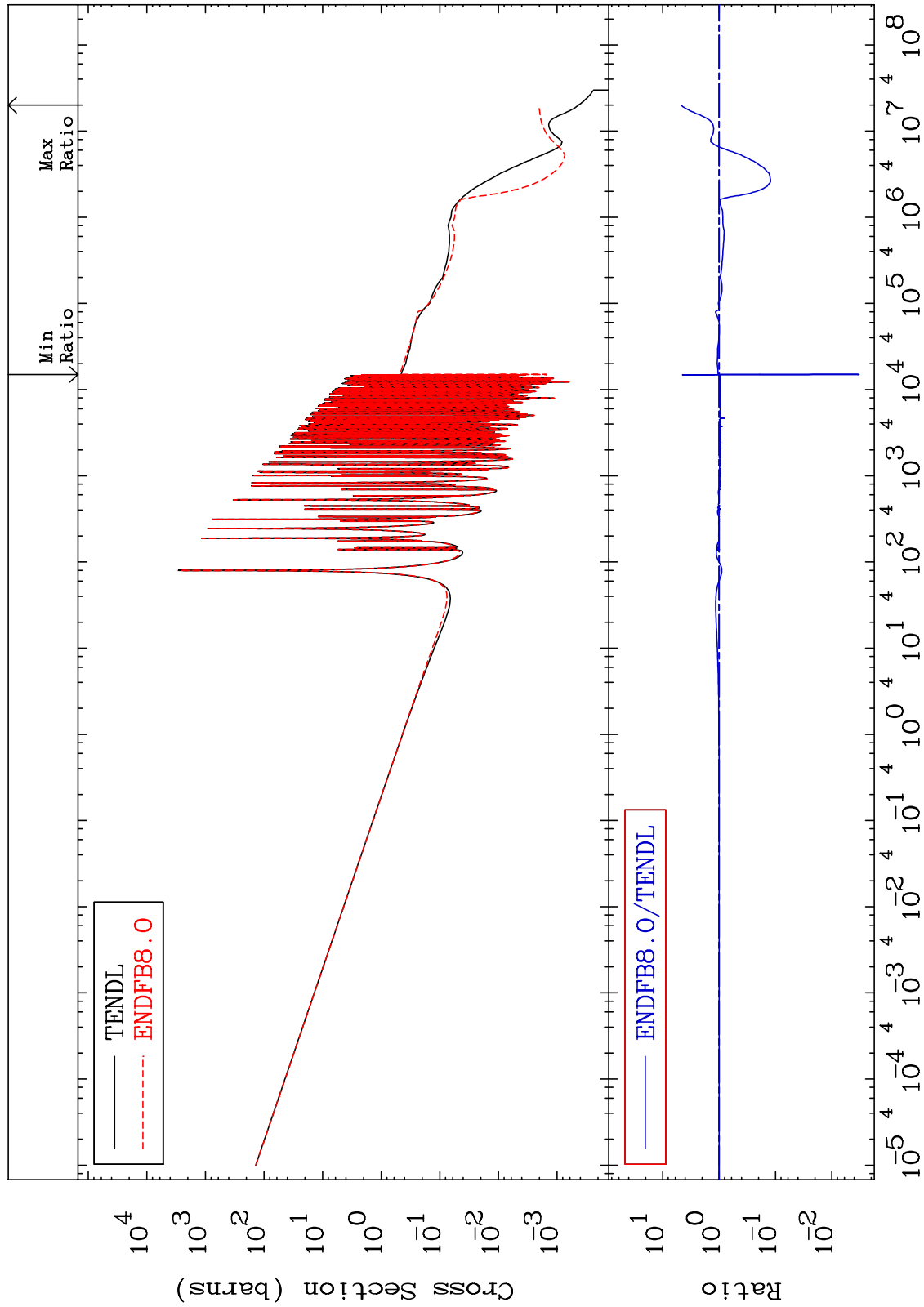
MAT 6843

(n,  $\gamma$ )

68-Er-168

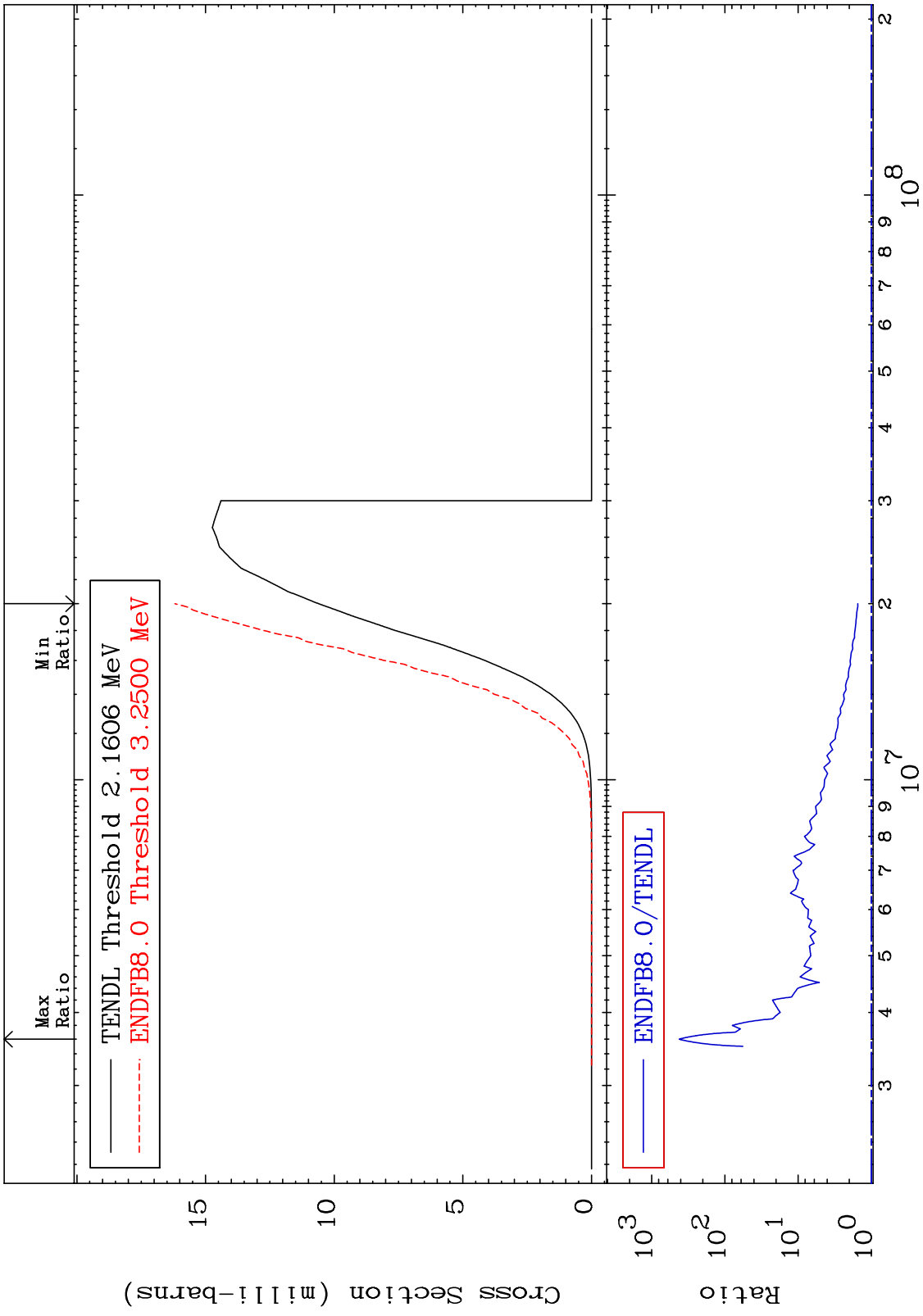
Cross Section

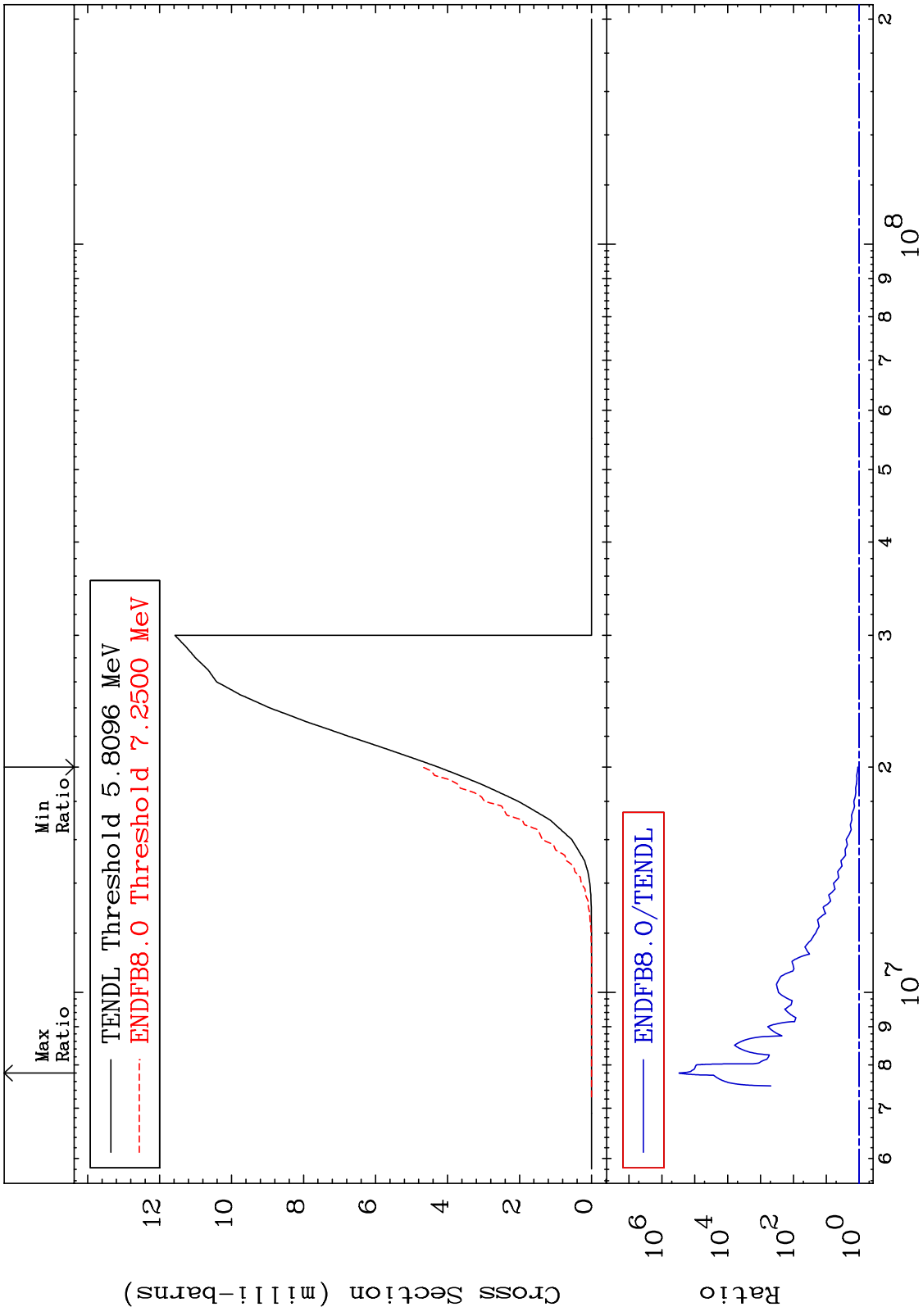
-99.67 To 376.9 %



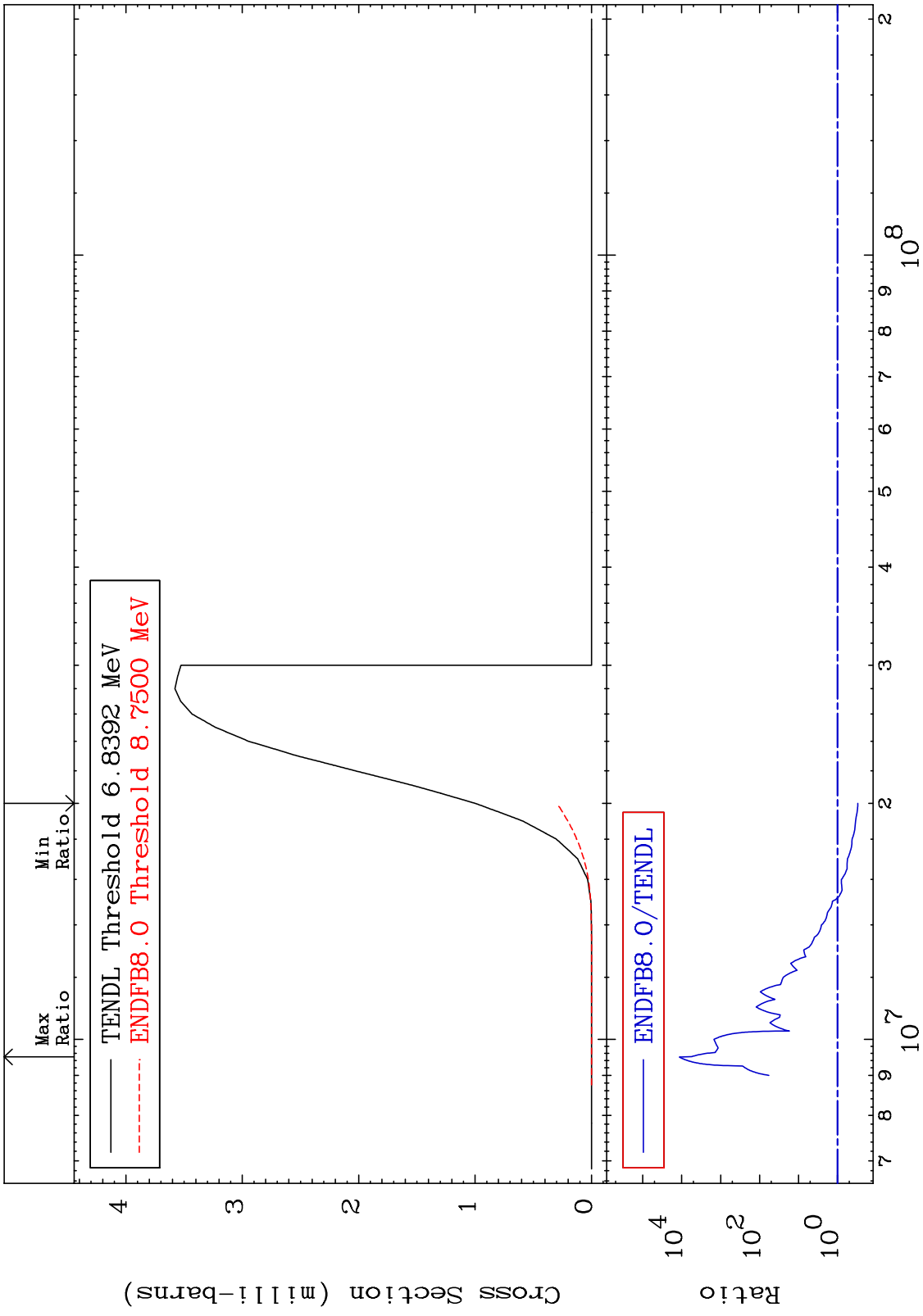


MAT 6843 (n,p) Cross Section 68-Er-168 To 9999. %  
 52.65





MAT 6843 (n,t) Cross Section 68-Er-168 -70.02 To 9999. %



42 68-Er-168

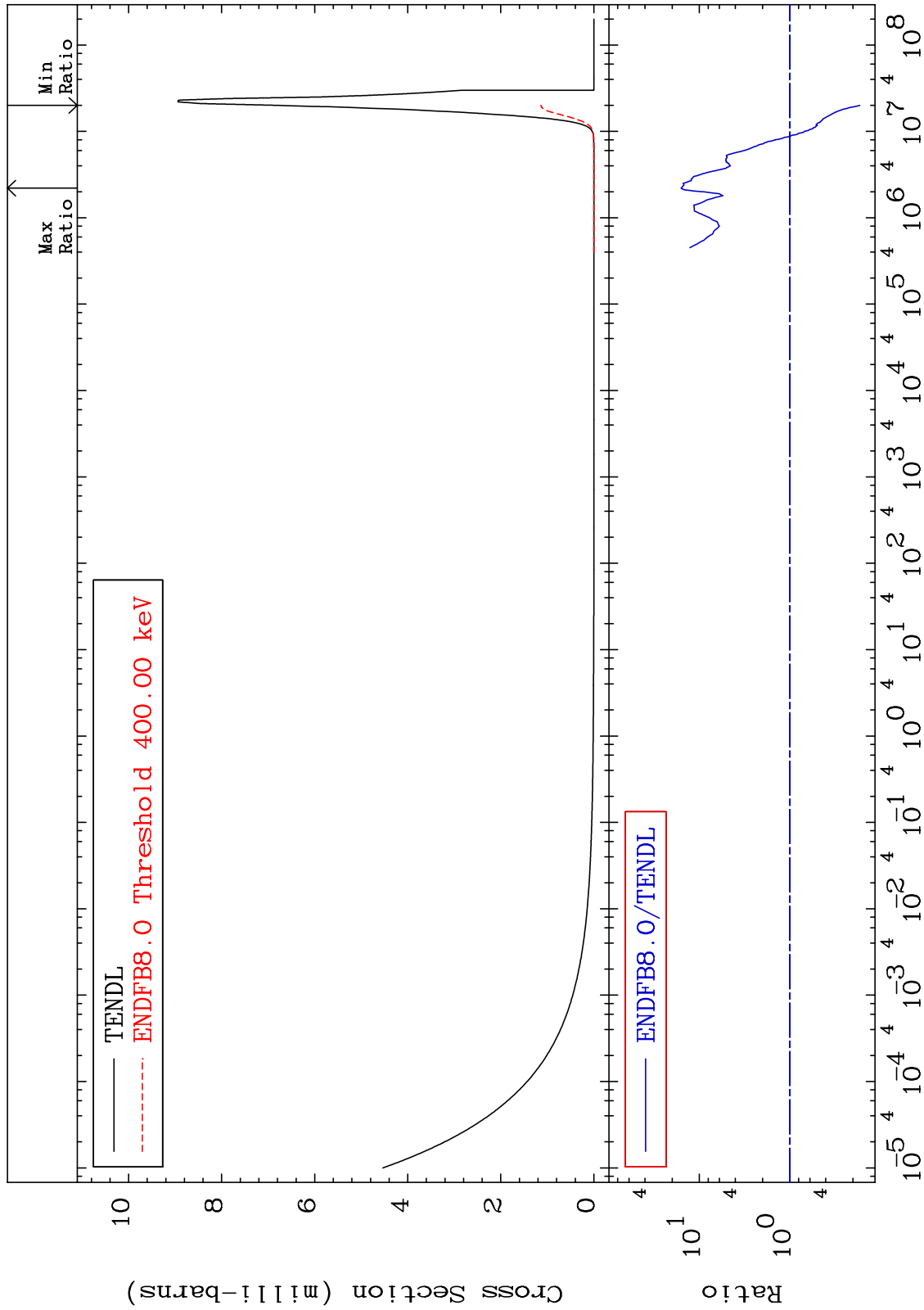
MAT 6843

(n,  $\alpha$ )

68-Er-168

Cross Section

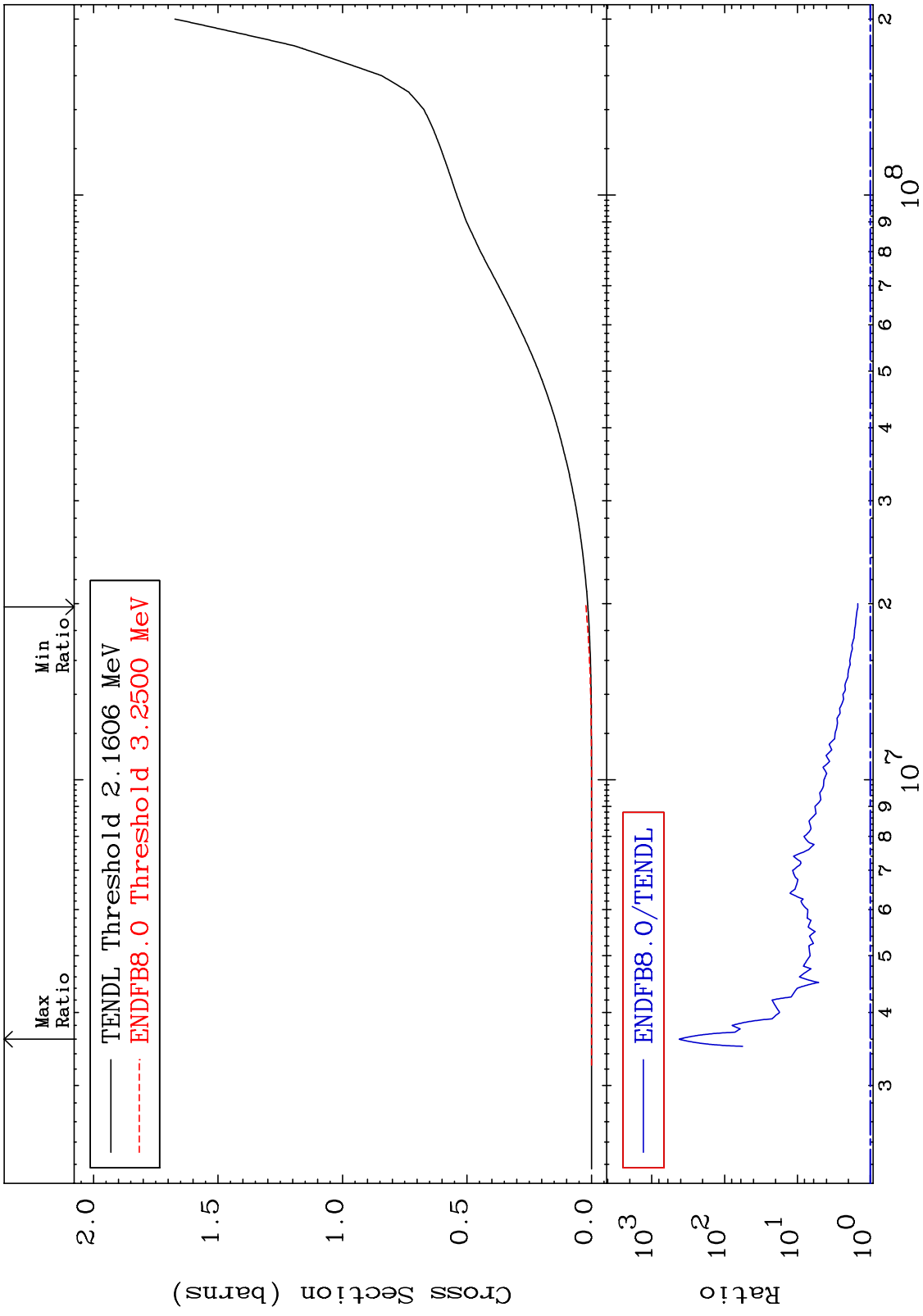
-83.17 To 1487. %



43

Incident Energy (eV)

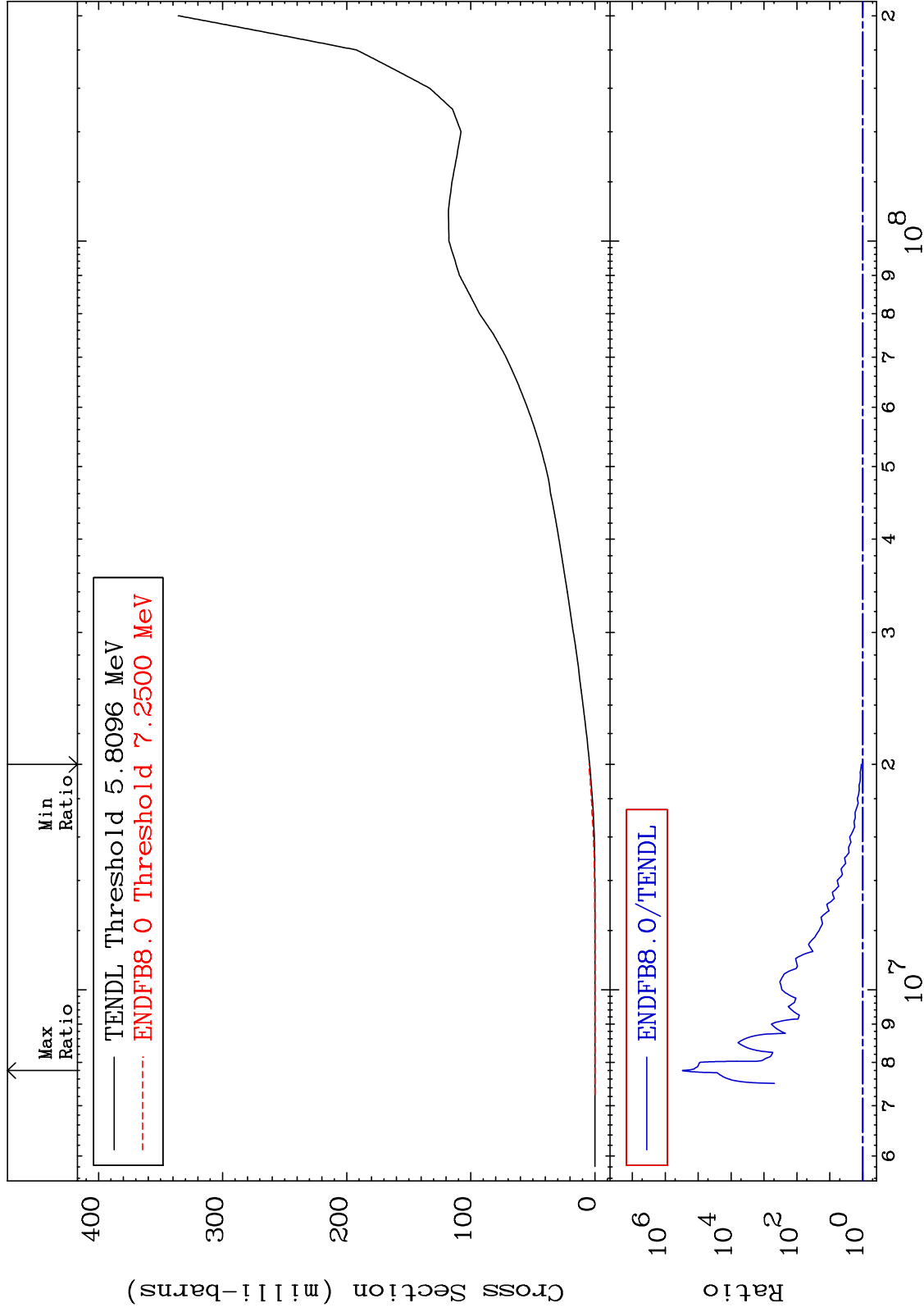
68-Er-168



MAT 6843

Deuterium Production  
Cross Section

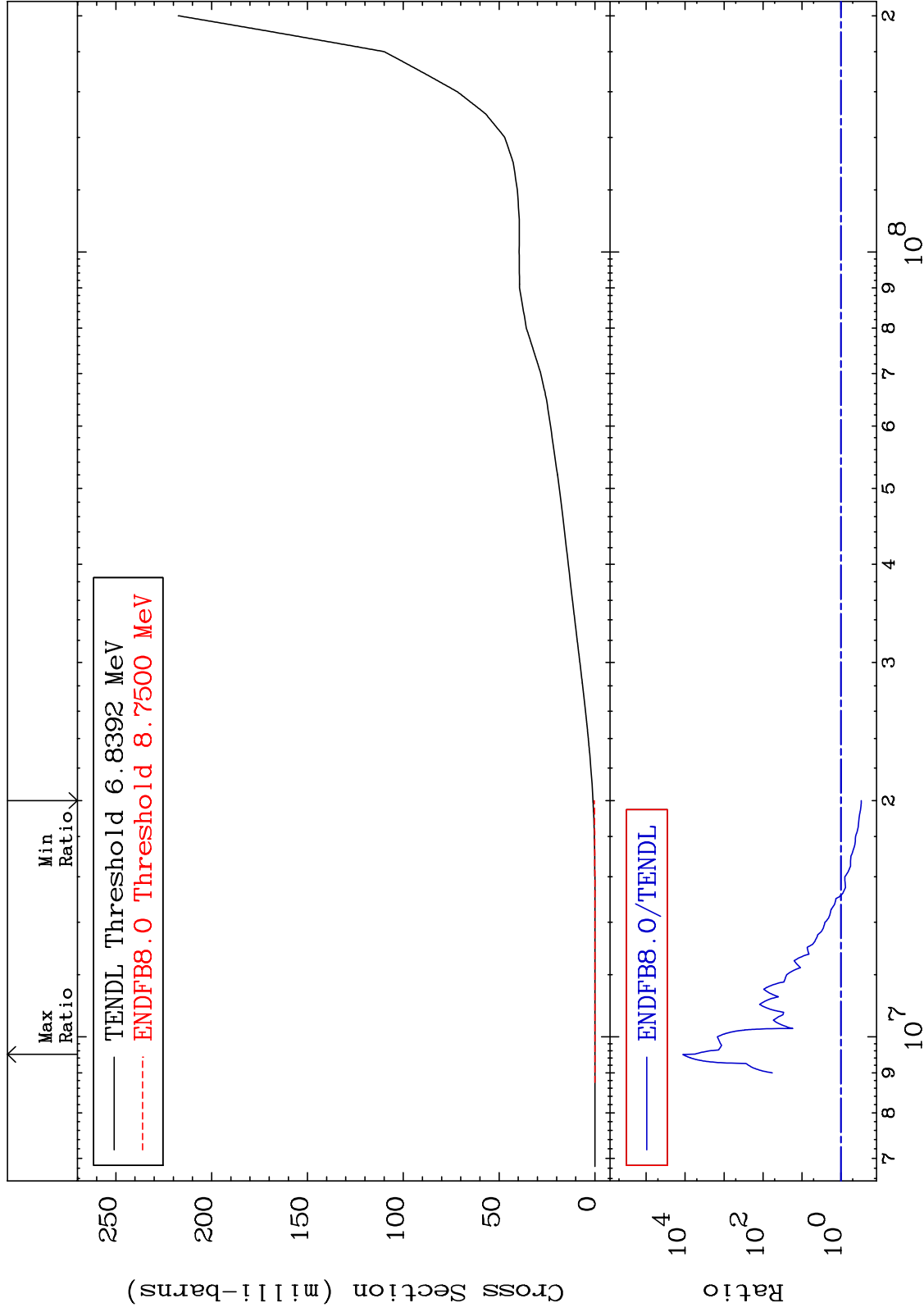
68-Er-168  
To 9999. %  
10.88



MAT 6843

Tritium Production  
Cross Section

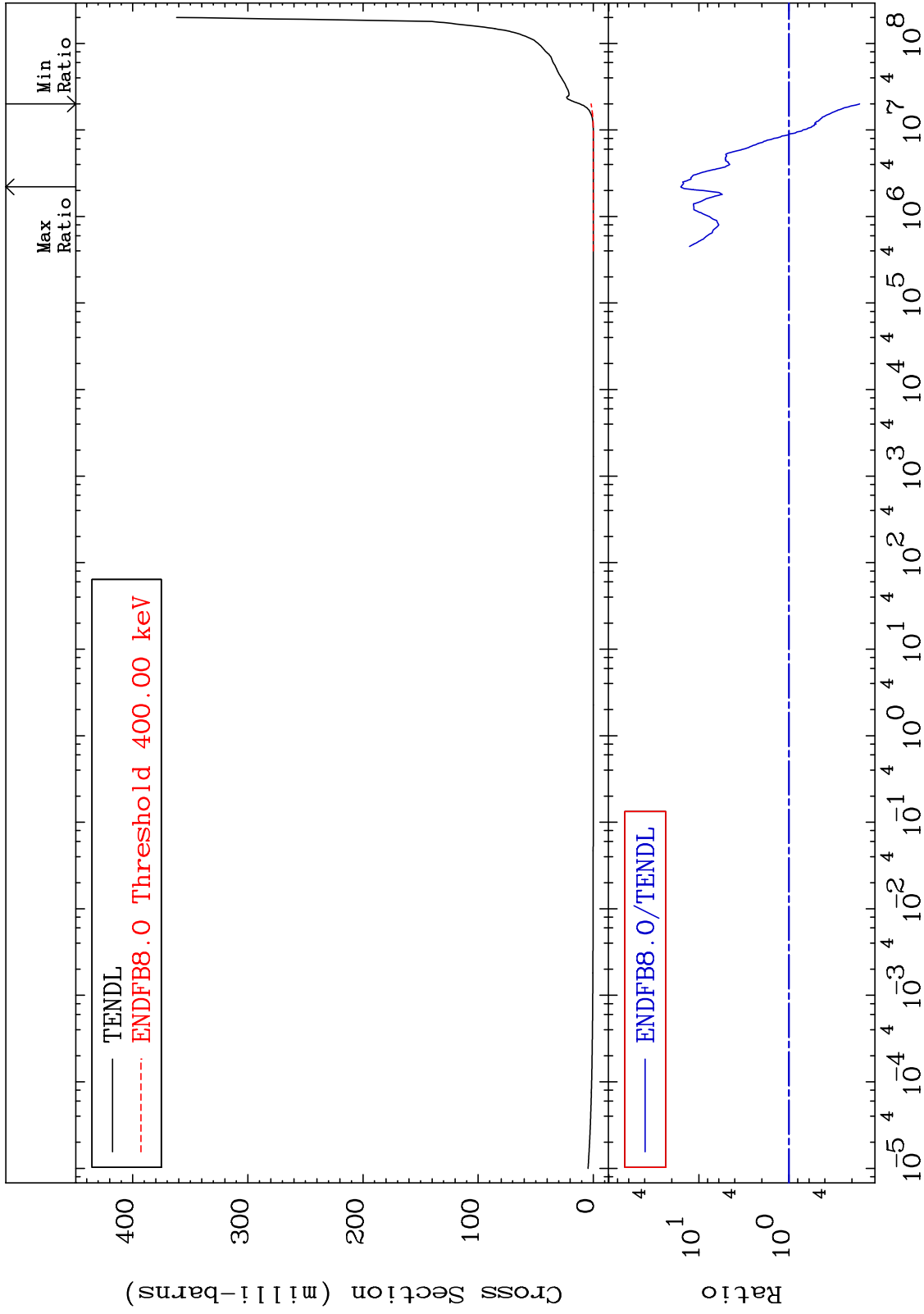
68-Er-168  
-70.07 To 9999. %



MAT 6843

He-4 Production  
Cross Section

68-Er-168  
-83.53 To 1487. %



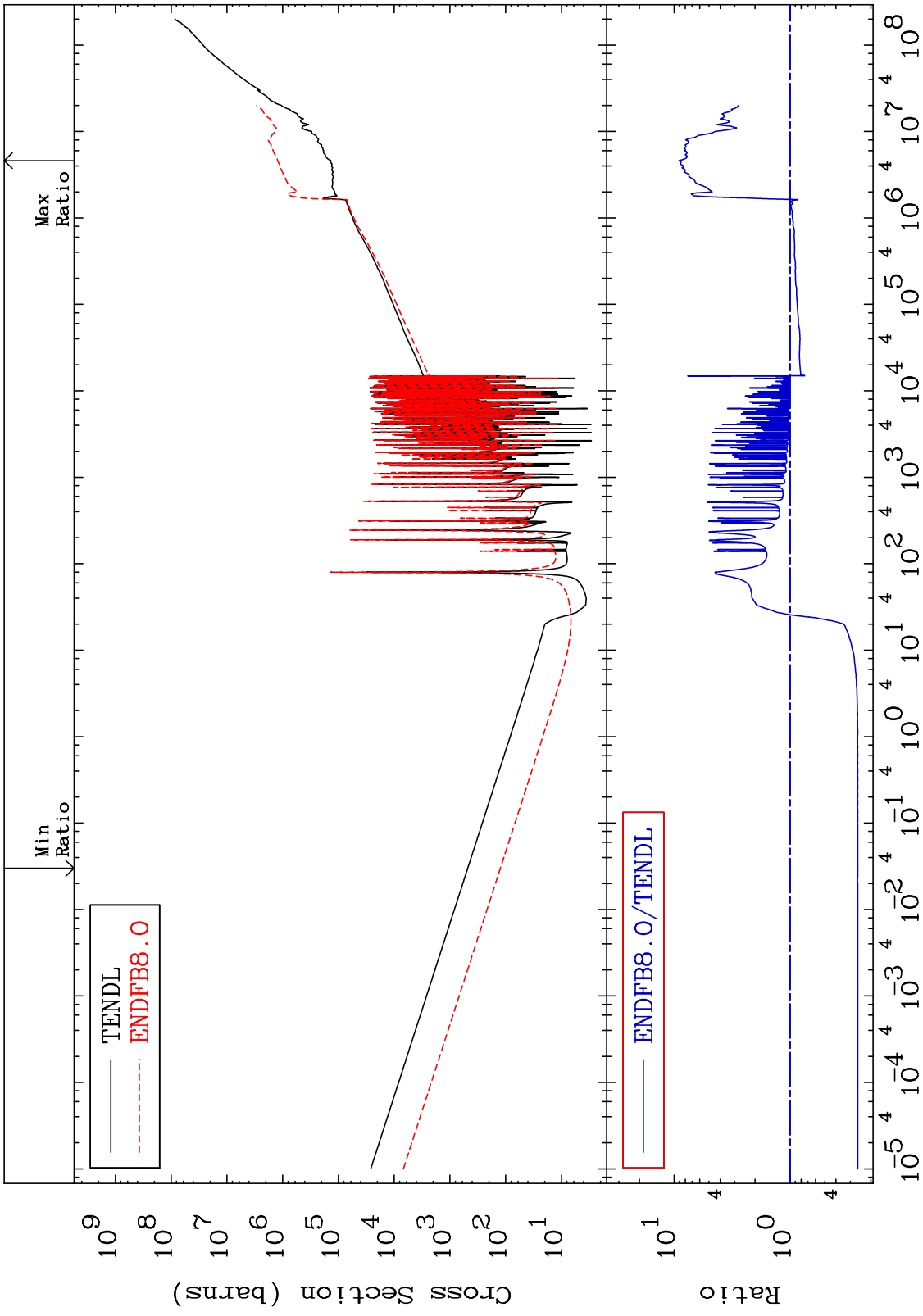
47

Incident Energy (eV)

68-Er-168



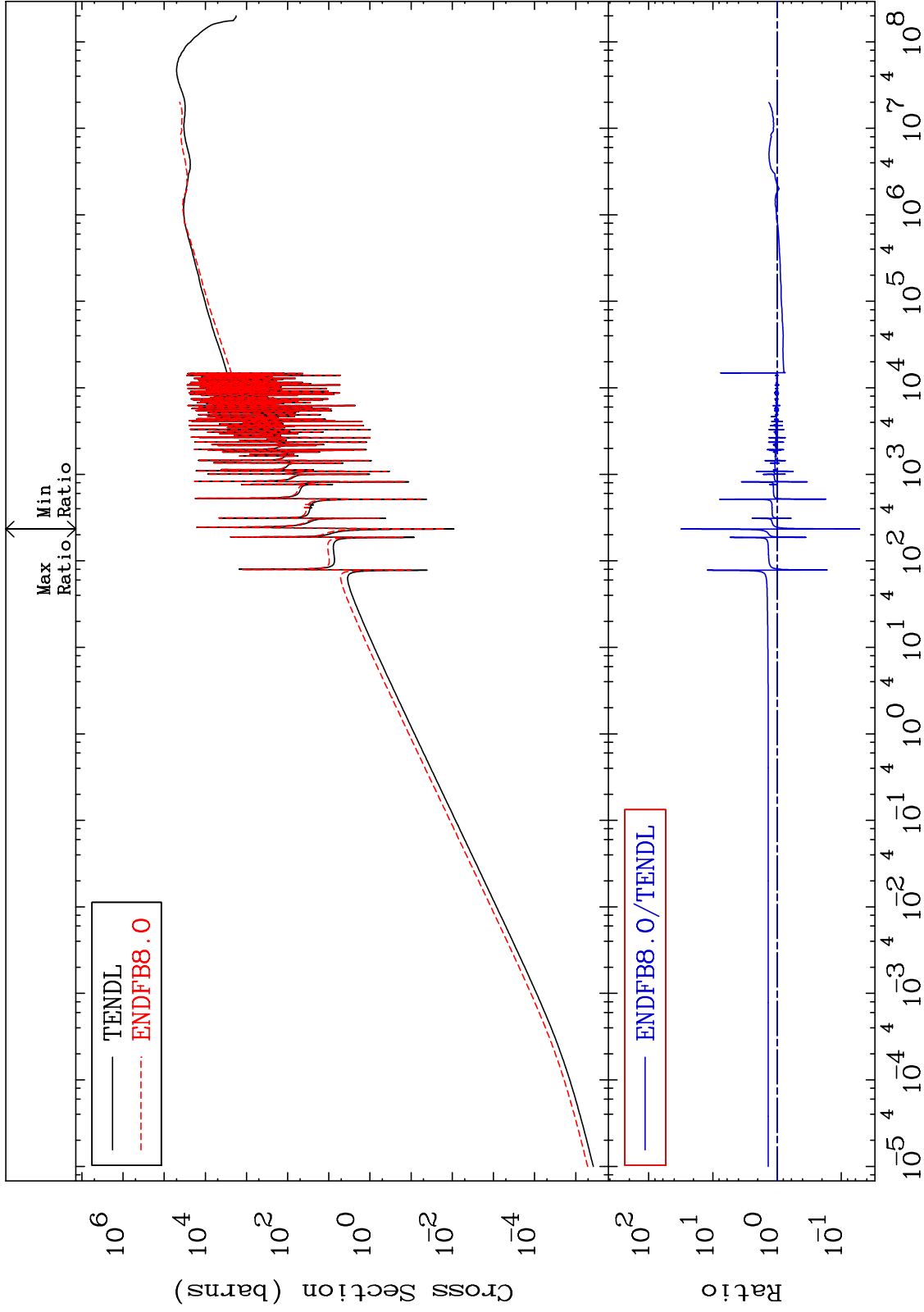
MAT 6843 Kerma total (eV-barns) Cross Section 68-Er-168 -74.09 To 807.3 %



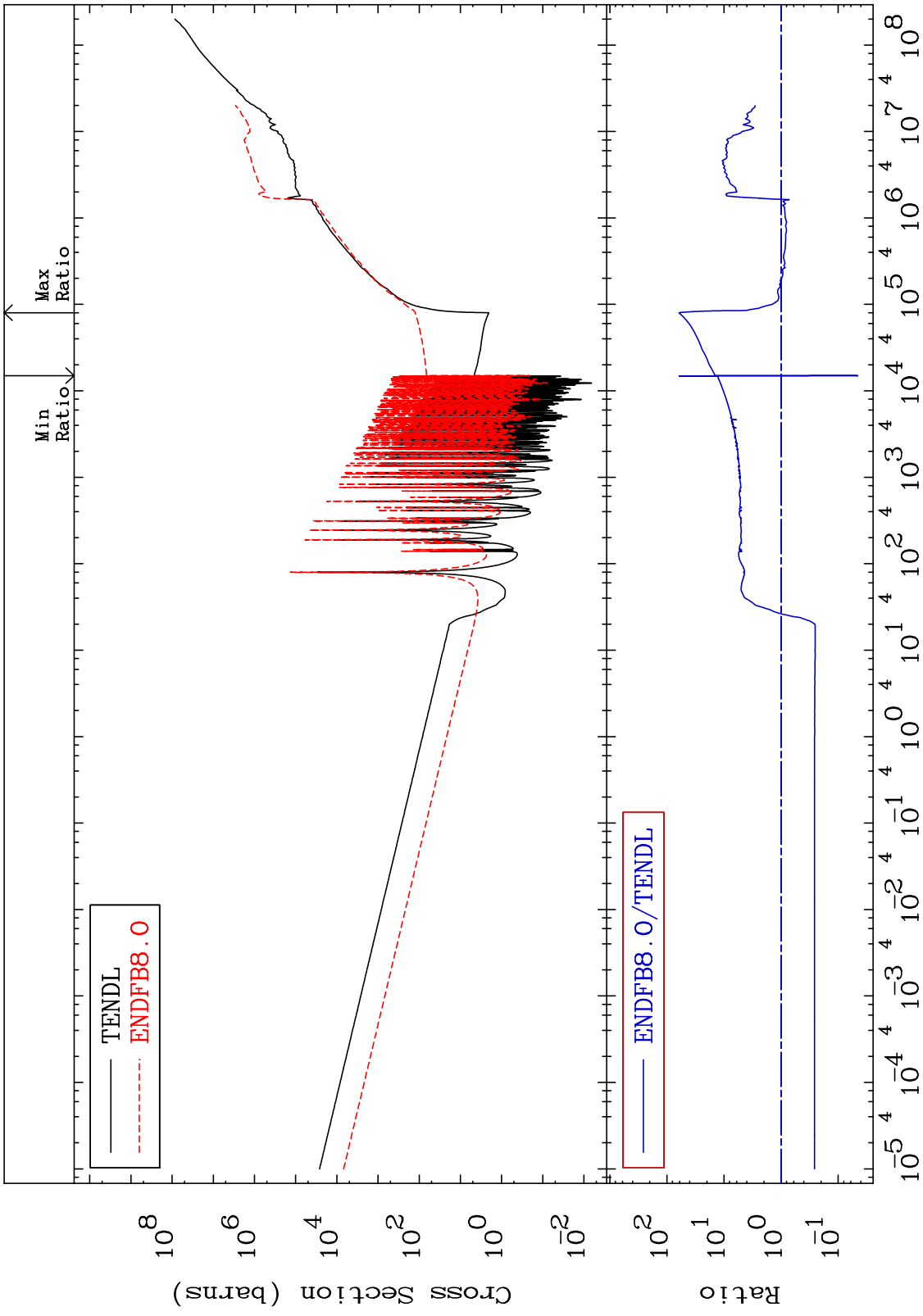
MAT 6843

Kerma elastic  
Cross Section

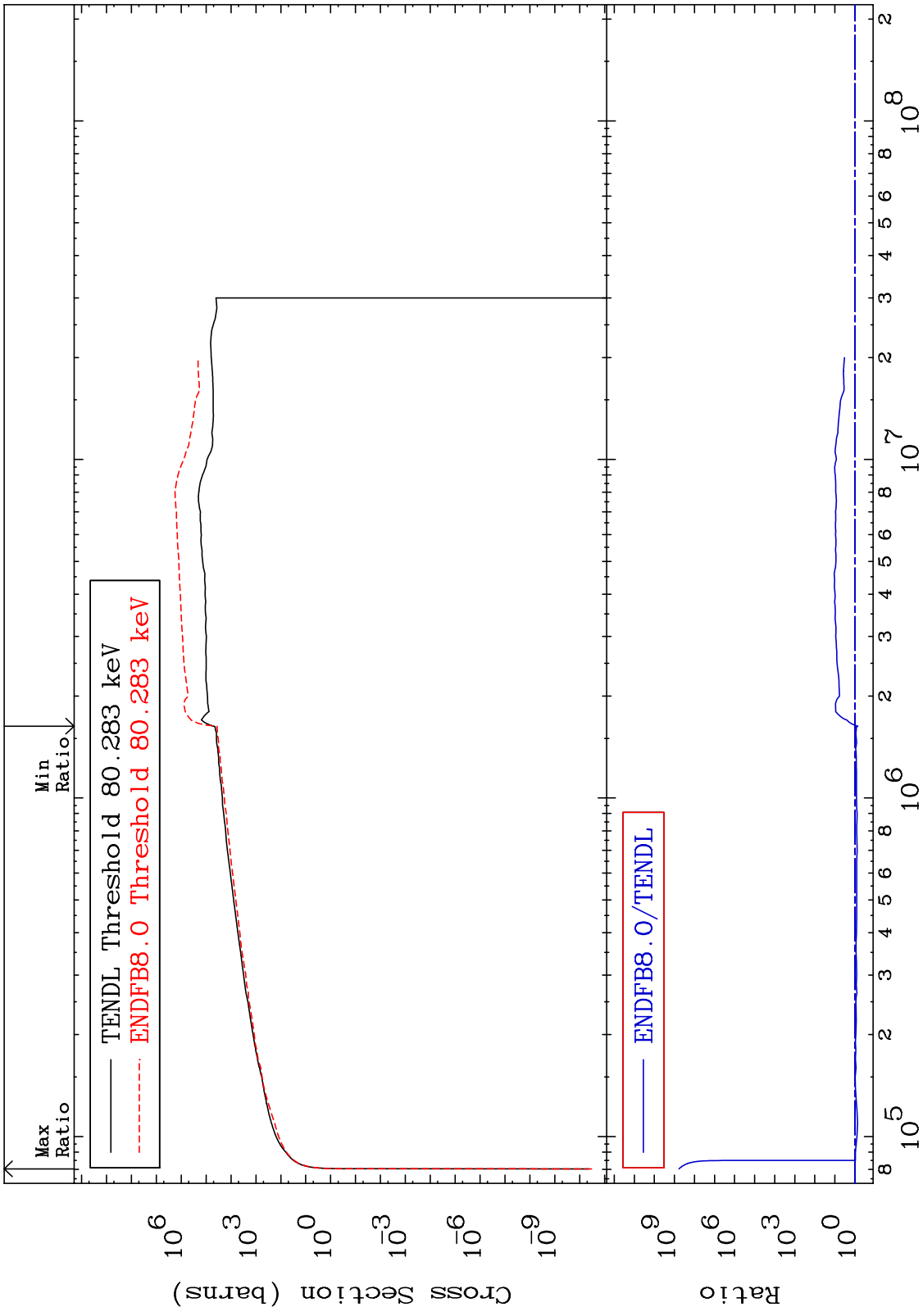
68-Er-168  
-94.82 To 3054. %



MAT 6843      Kerma non-elastic (all but mt2)      68-Er-168  
 Cross Section      -95.48 To 6041. %



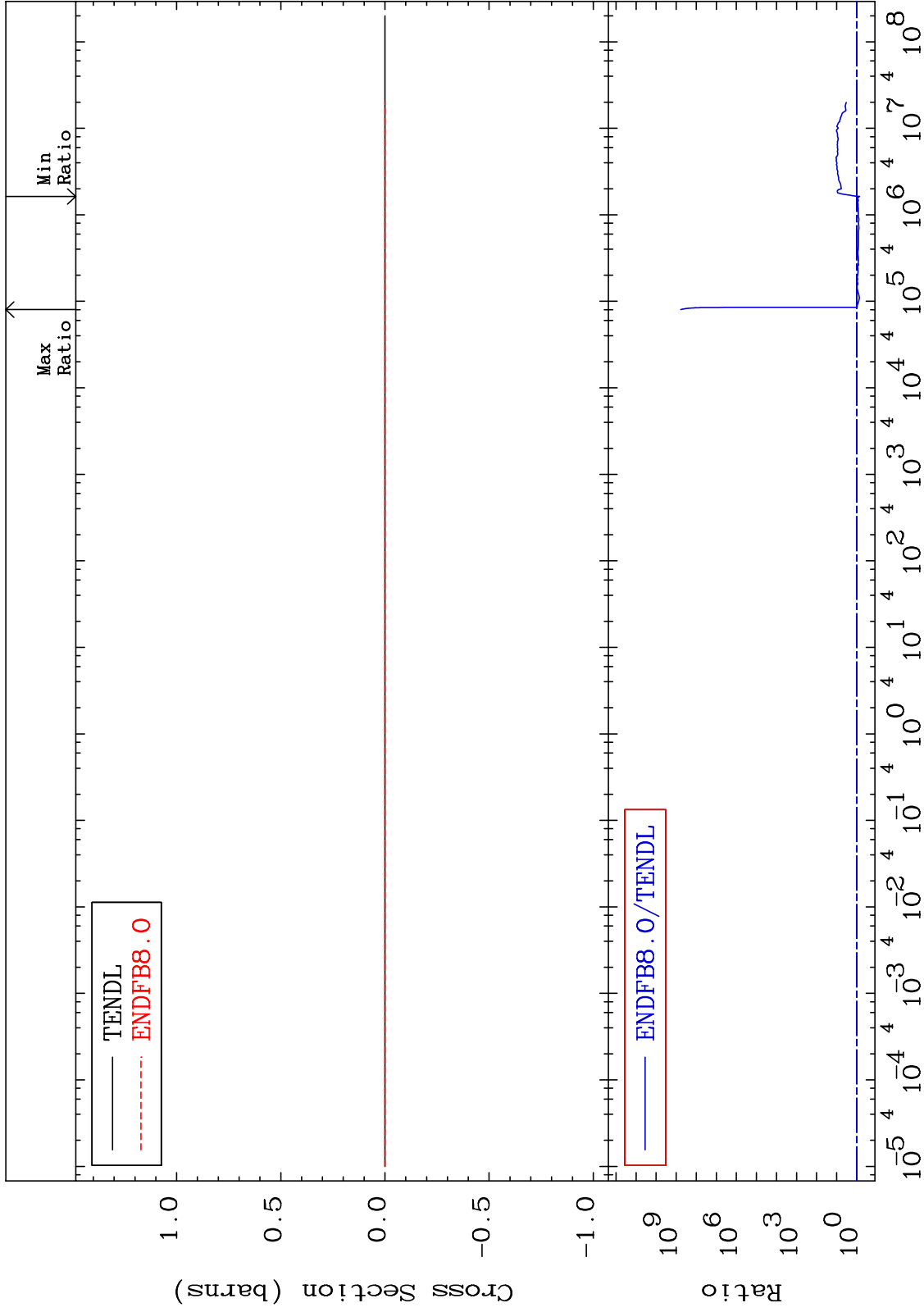
MAT 6843 Kerma inelastic (mt51-91) 68-Er-168  
 Cross Section -28.41 To 9999. %



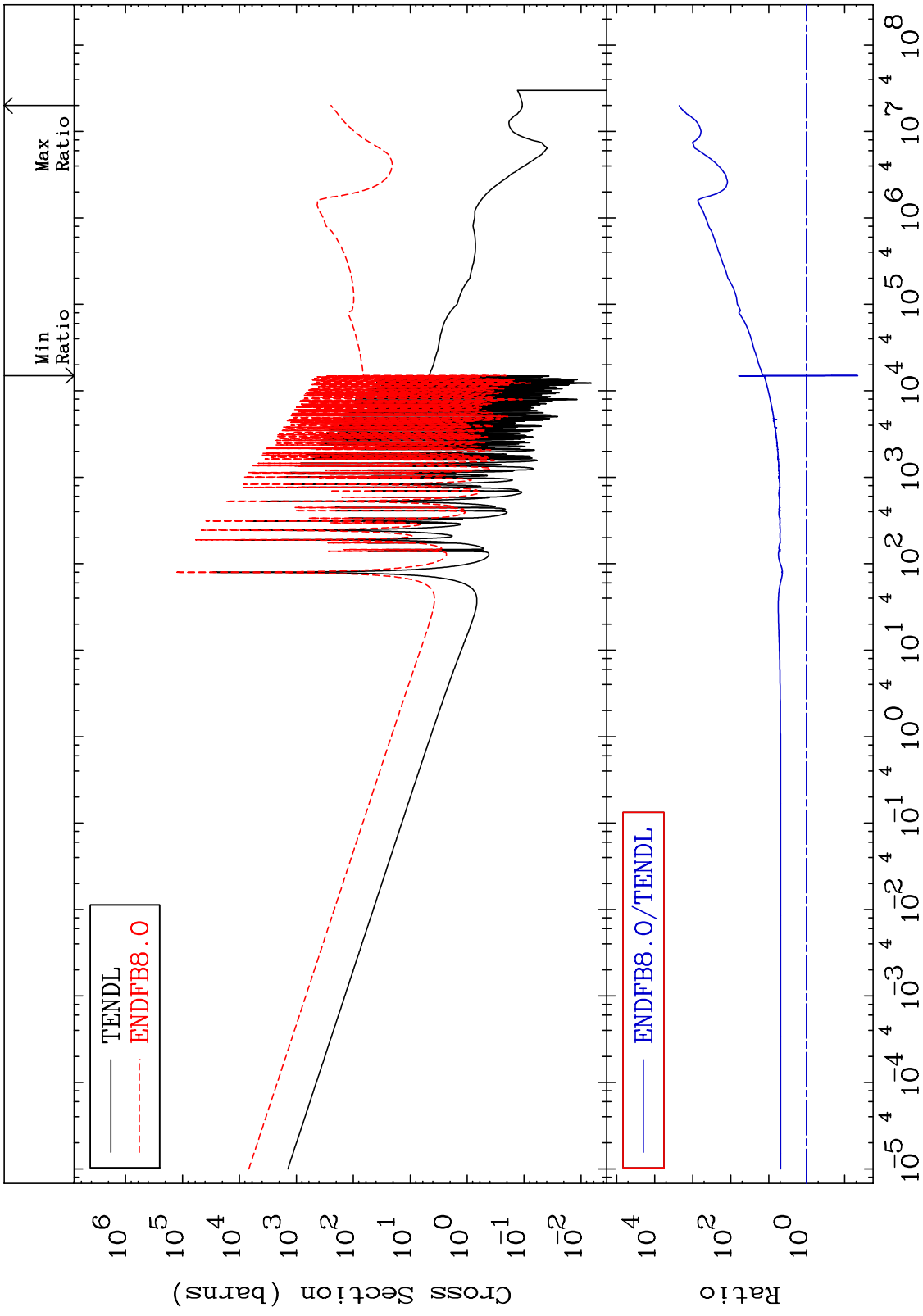
MAT 6843

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

68-Er-168  
-28.41 To 9999. %



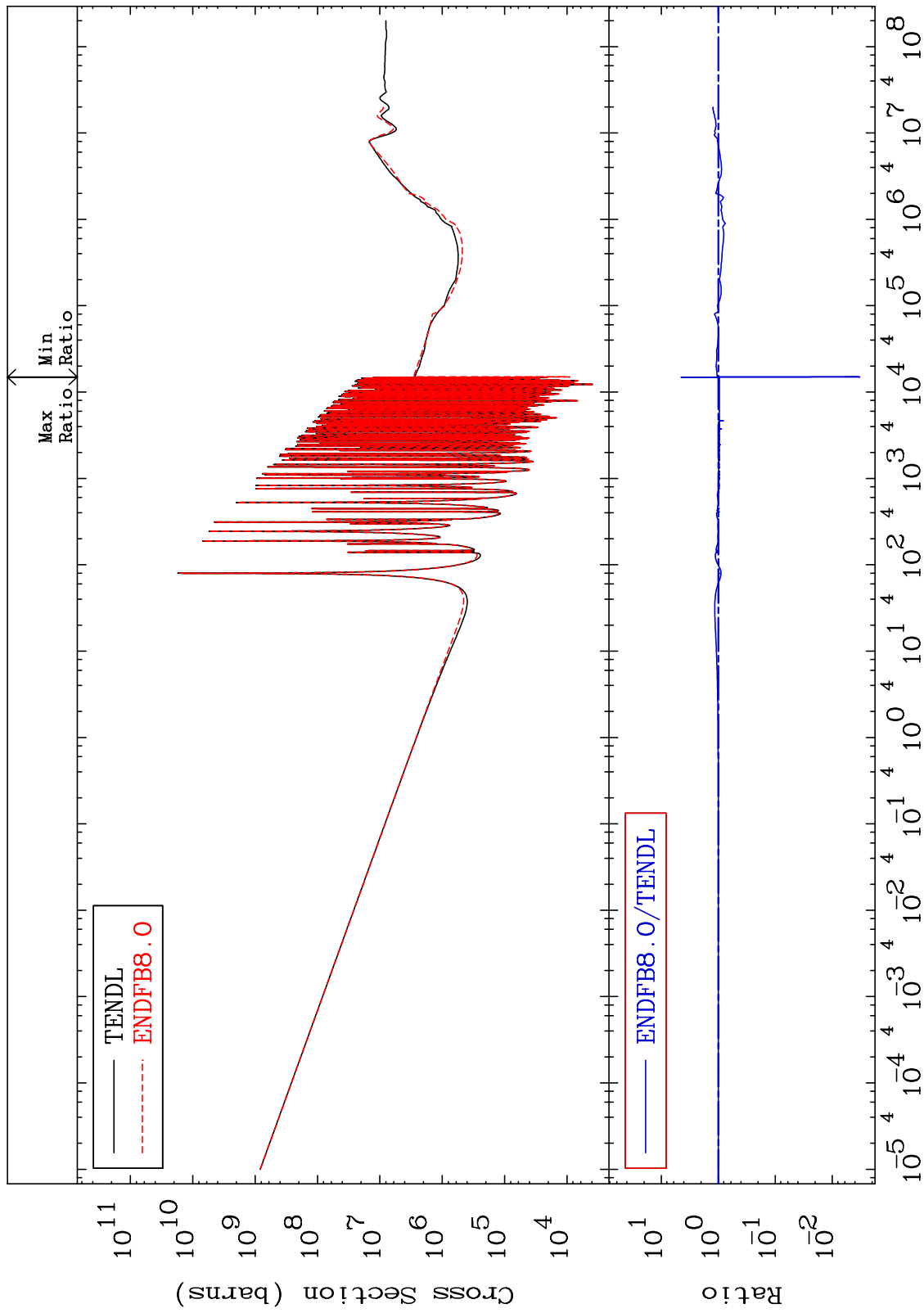
MAT 6843      Kerma capture (mt102)      68-Er-168  
 Cross Section      -95.48 To 9999. %



MAT 6843

Total photon (eV-barns)  
Cross Section

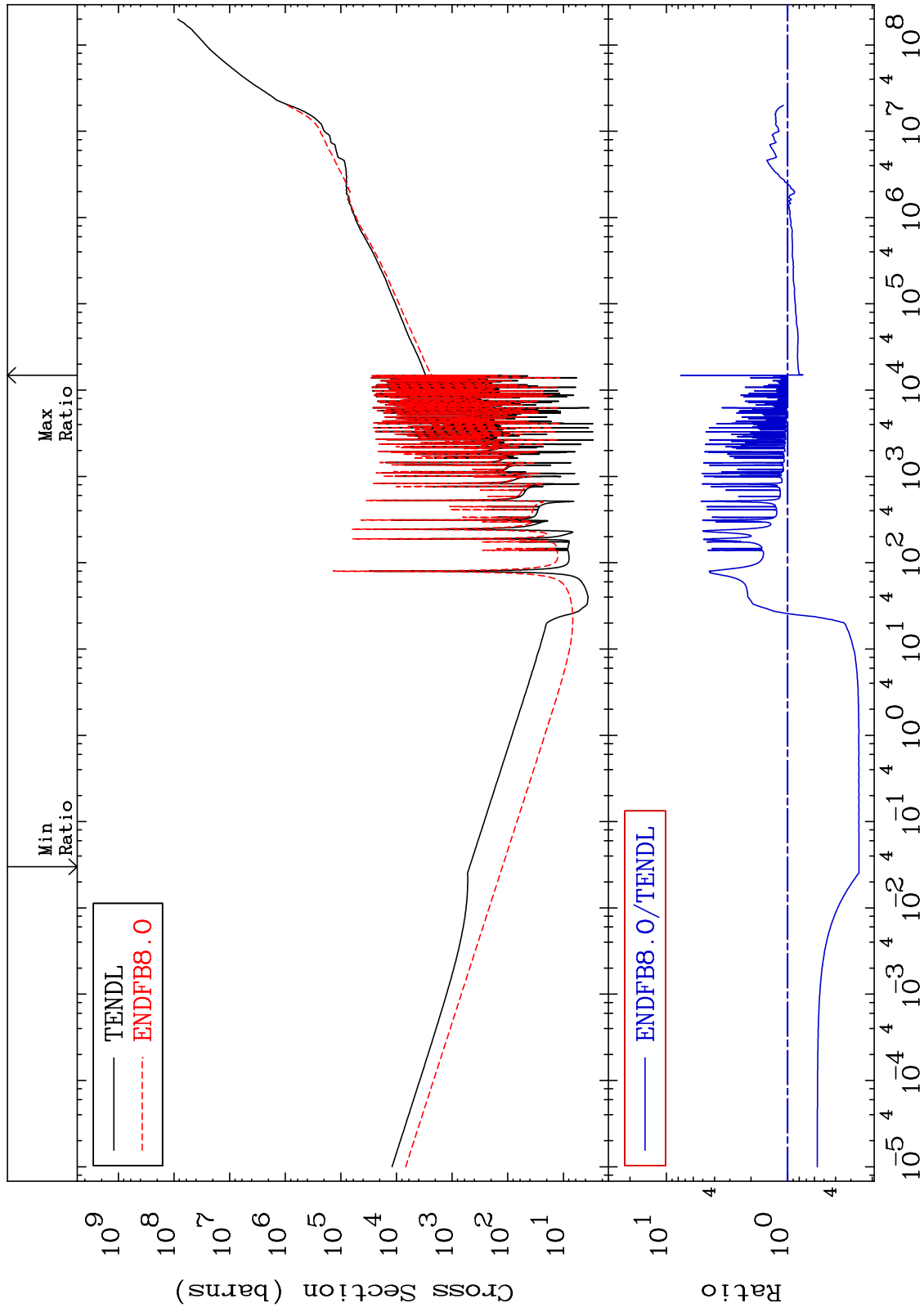
68-Er-168  
-99.67 To 345.2 %



MAT 6843

Total kinematic kerma (high limit)  
Cross Section

68-Er-168  
-74.31 To 663.7 %

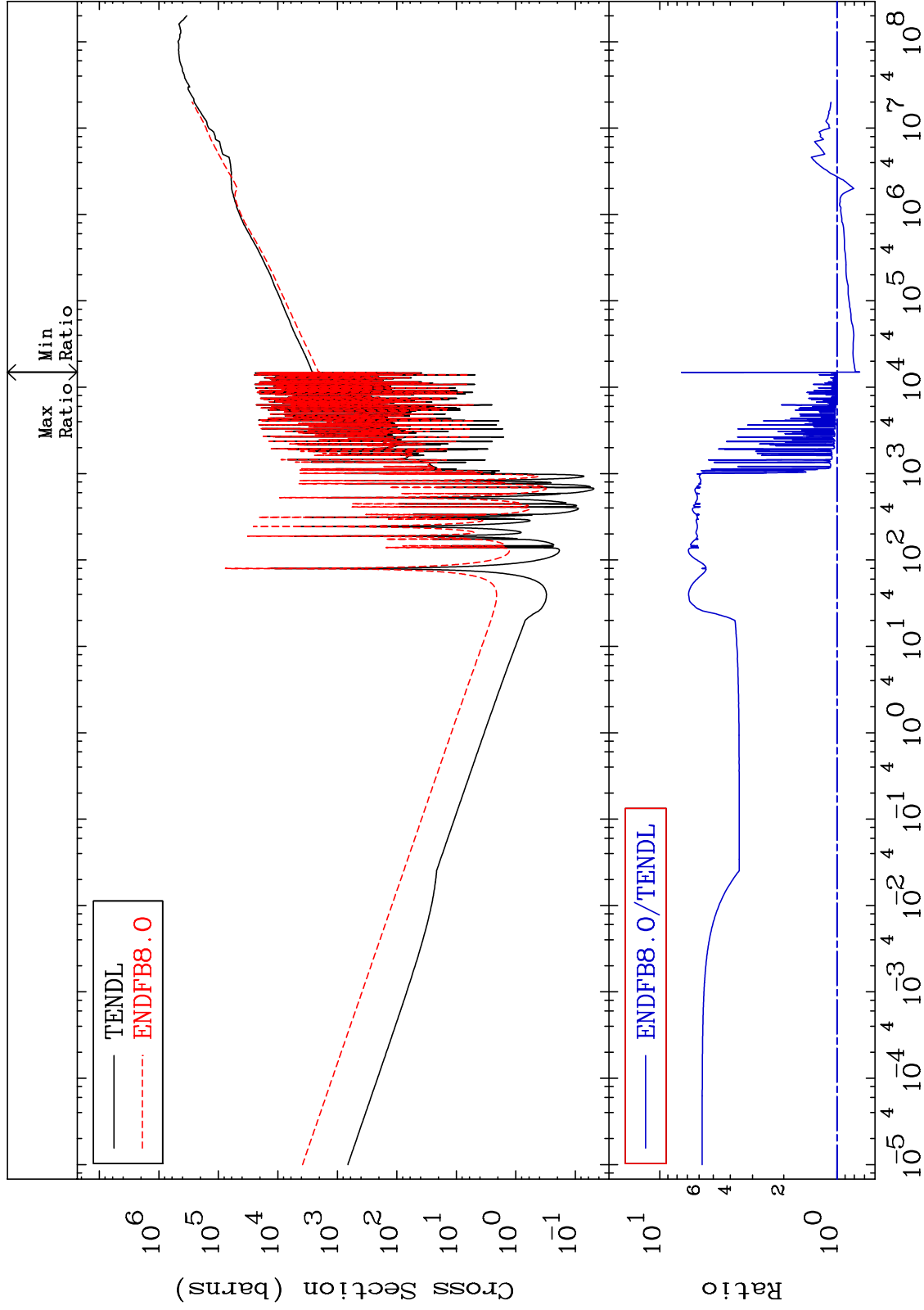




MAT 6843

Dpa total (eV-barns)  
Cross Section

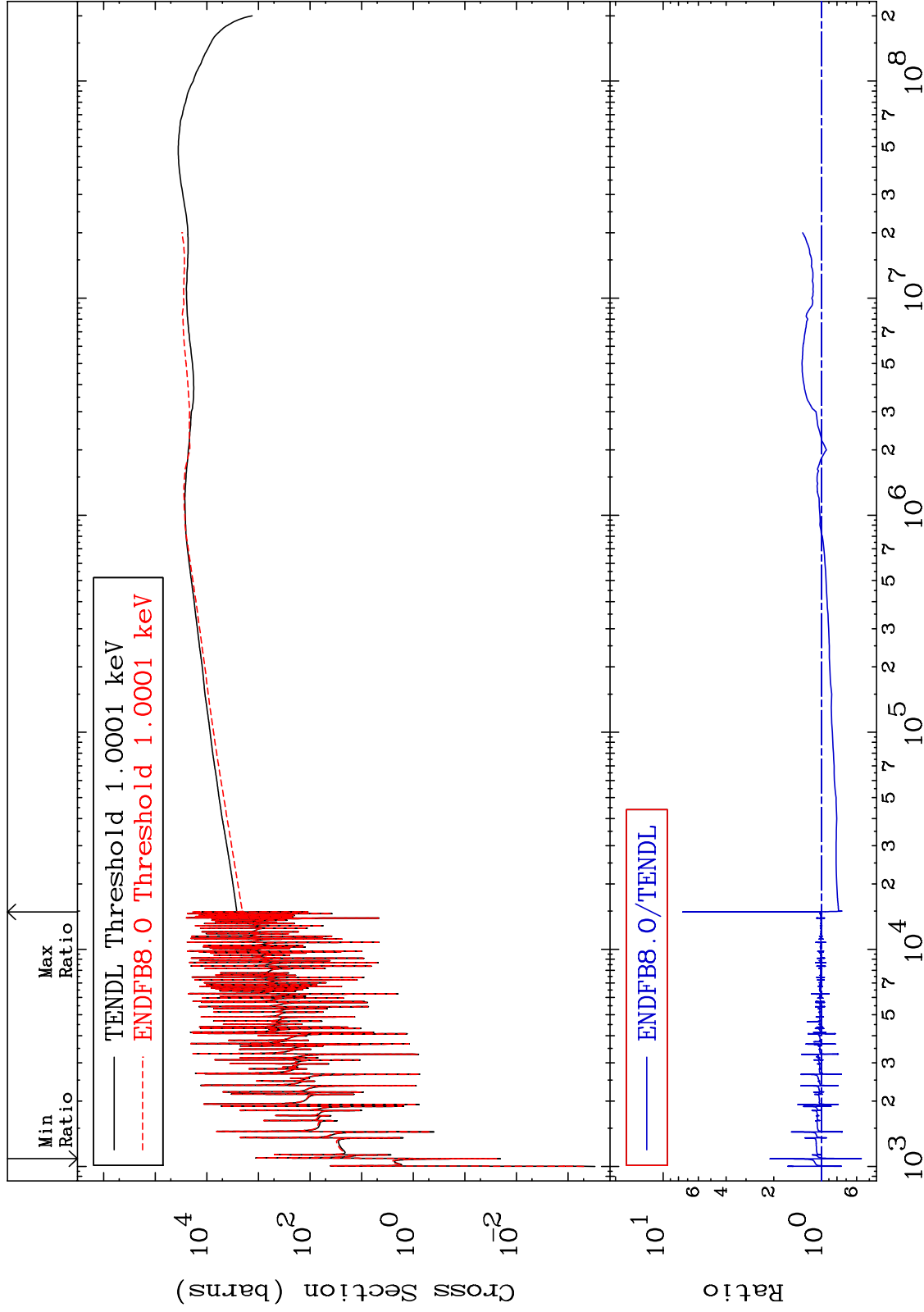
68-Er-168  
-25.61 To 657.3 %



MAT 6843

Dpa elastic (mt2)  
Cross Section

68-Er-168  
-43.88 To 655.8 %

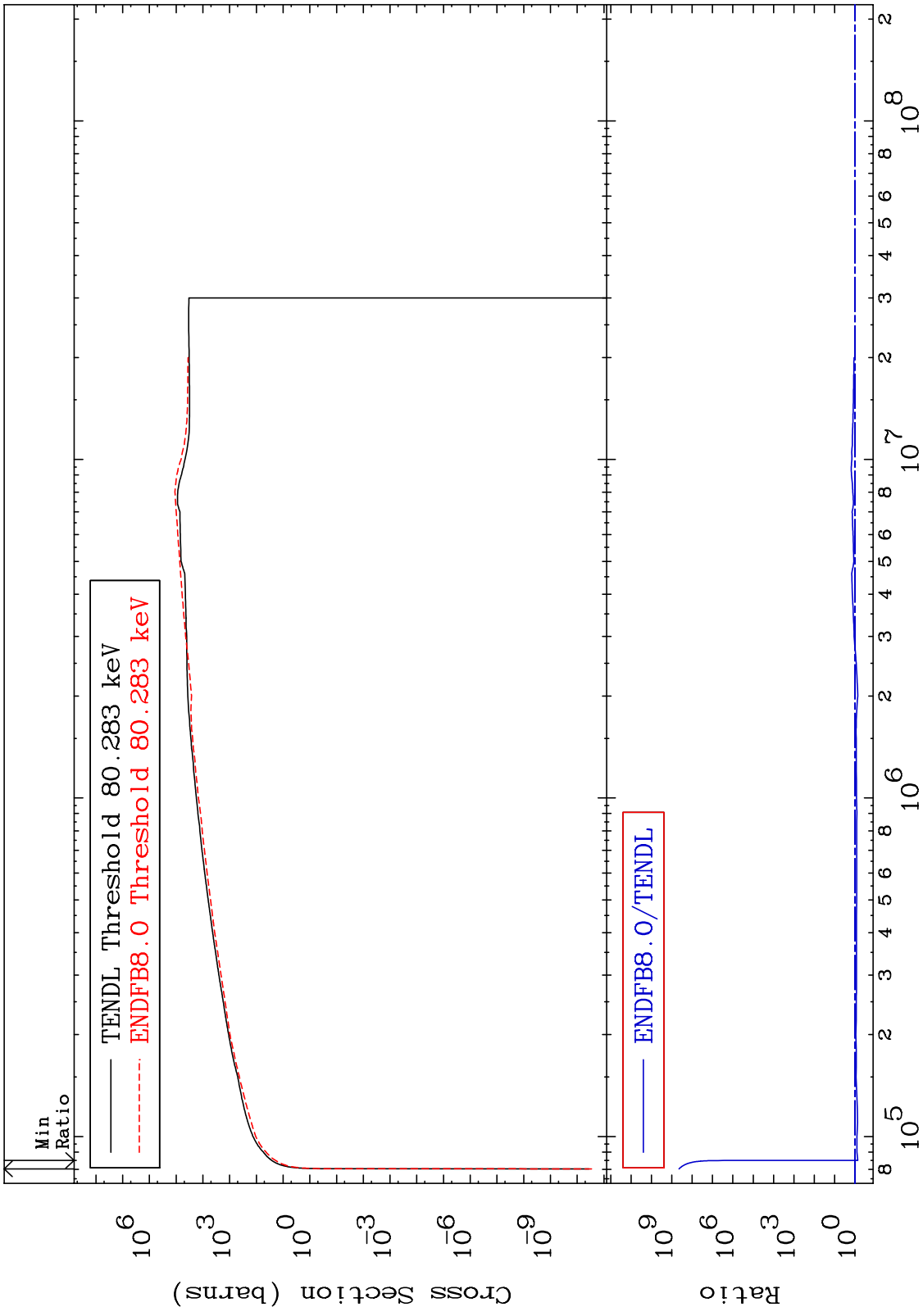


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68-Er-168

68-Er-168

MAT 6843      Dpa inelastic (mt51-91)      68-Er-168  
 Cross Section      -28.32 To 9999. %



MAT 6843

Dpa disappearance (mt102 -120)  
Cross Section

68-Er-168  
-97.99 To 2613. %

