

Program Complot  
(Version 2018-1)

by

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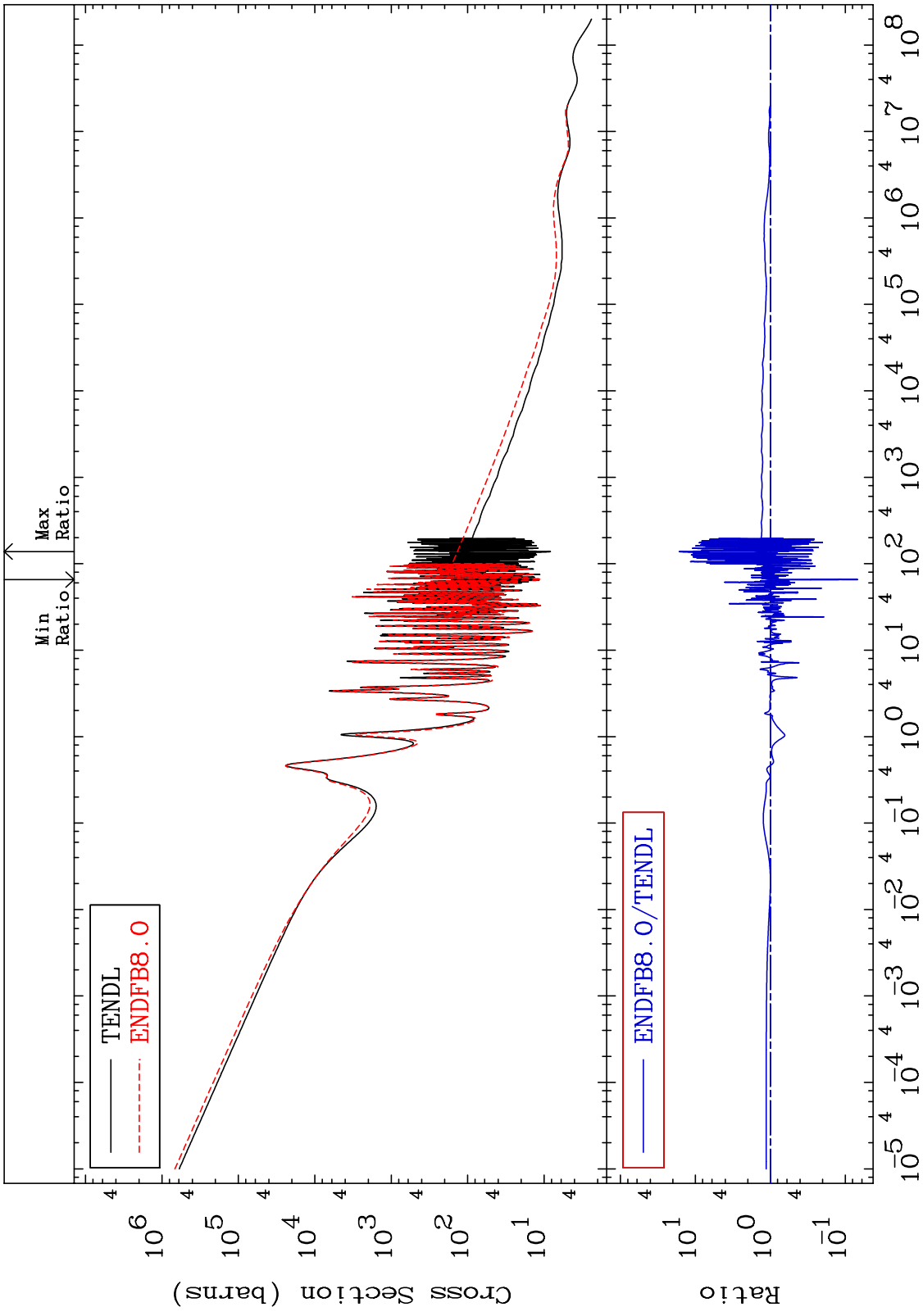
U.S.A.

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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

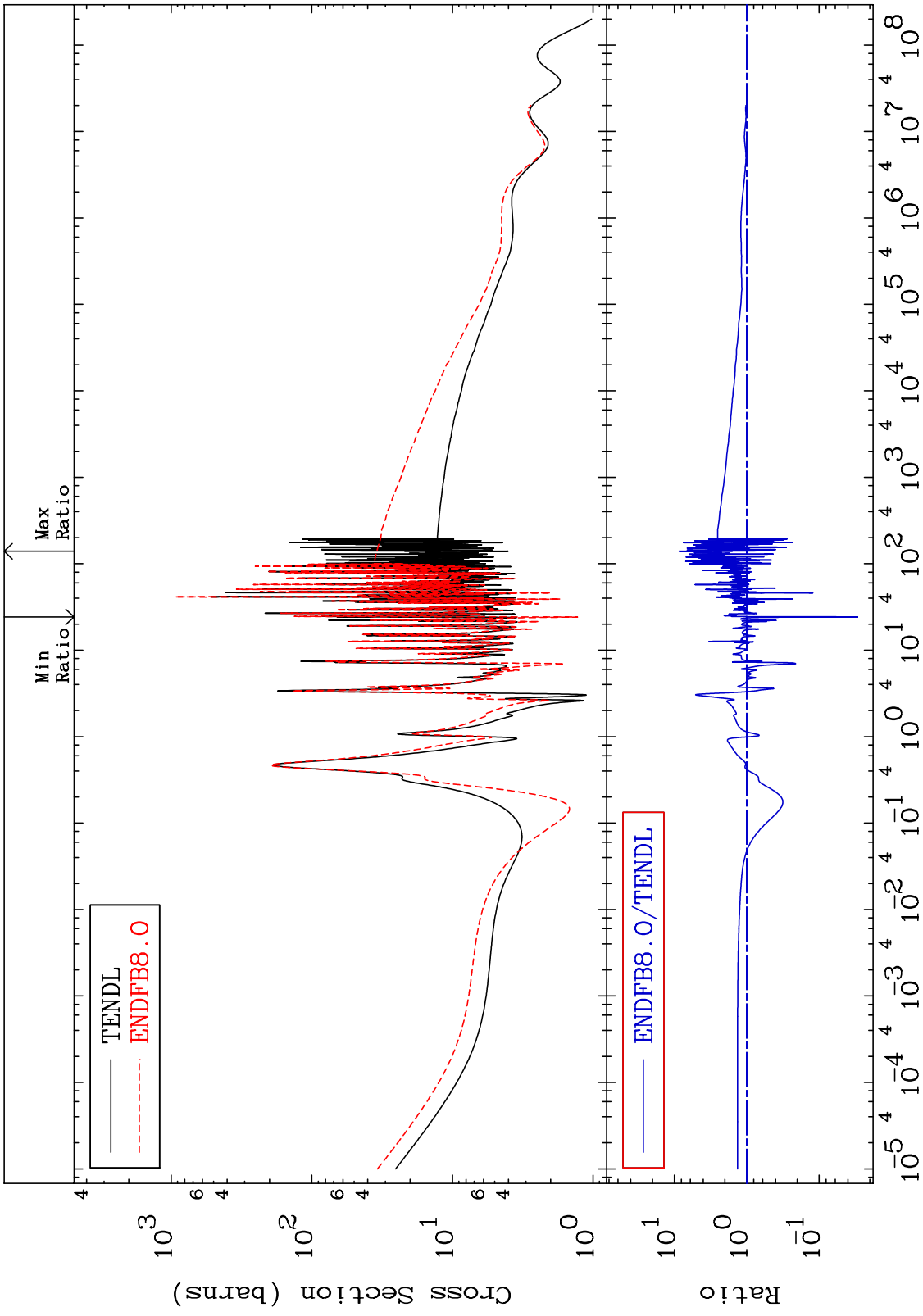
Press Mouse Button to Start

MAT 6325 63-Eu-151  
Total Cross Section -93.21 To 1553. %



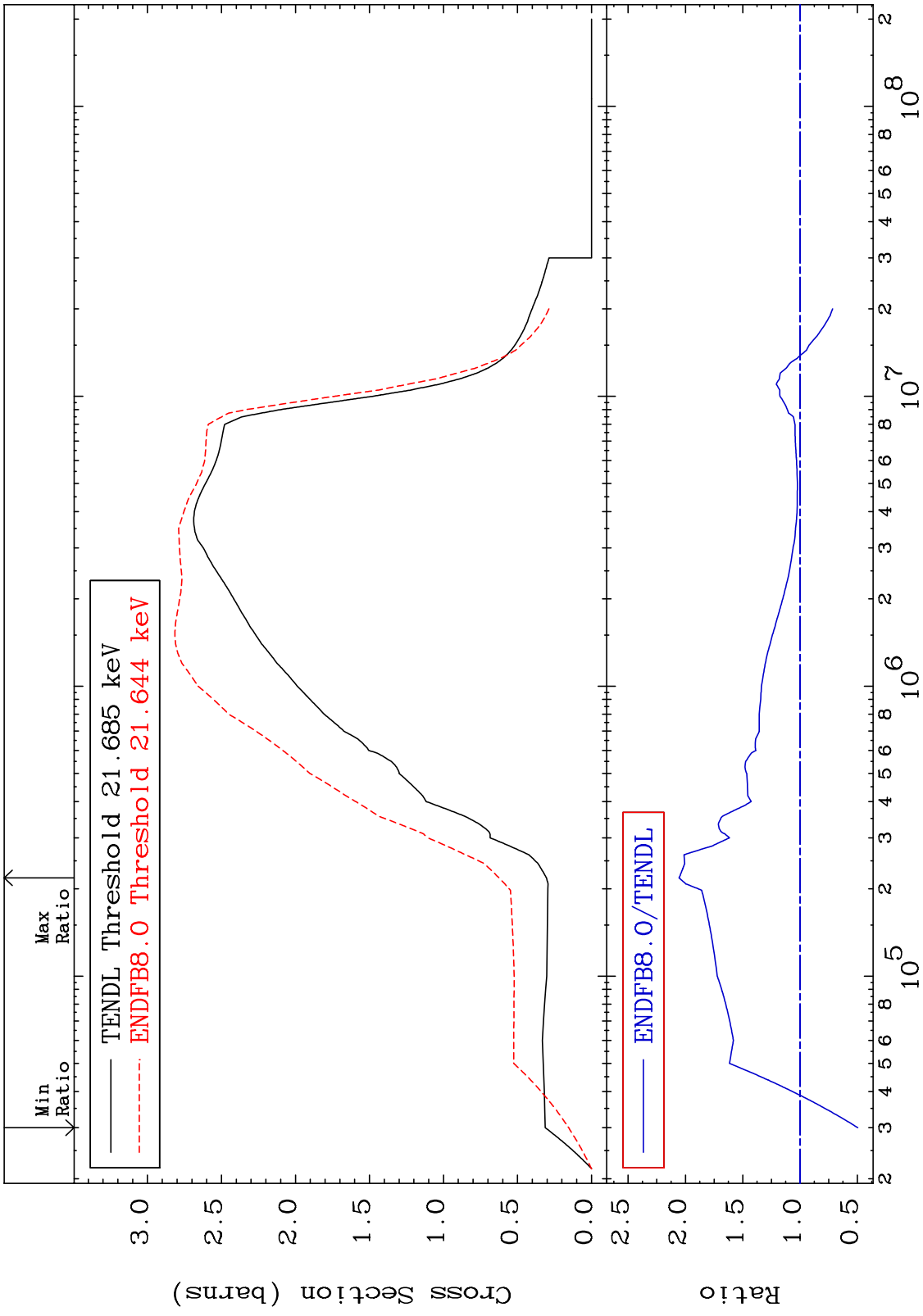
1 63-Eu-151

MAT 6325 Elastic Cross Section 63-Eu-151 -97.08 To 761.0 %

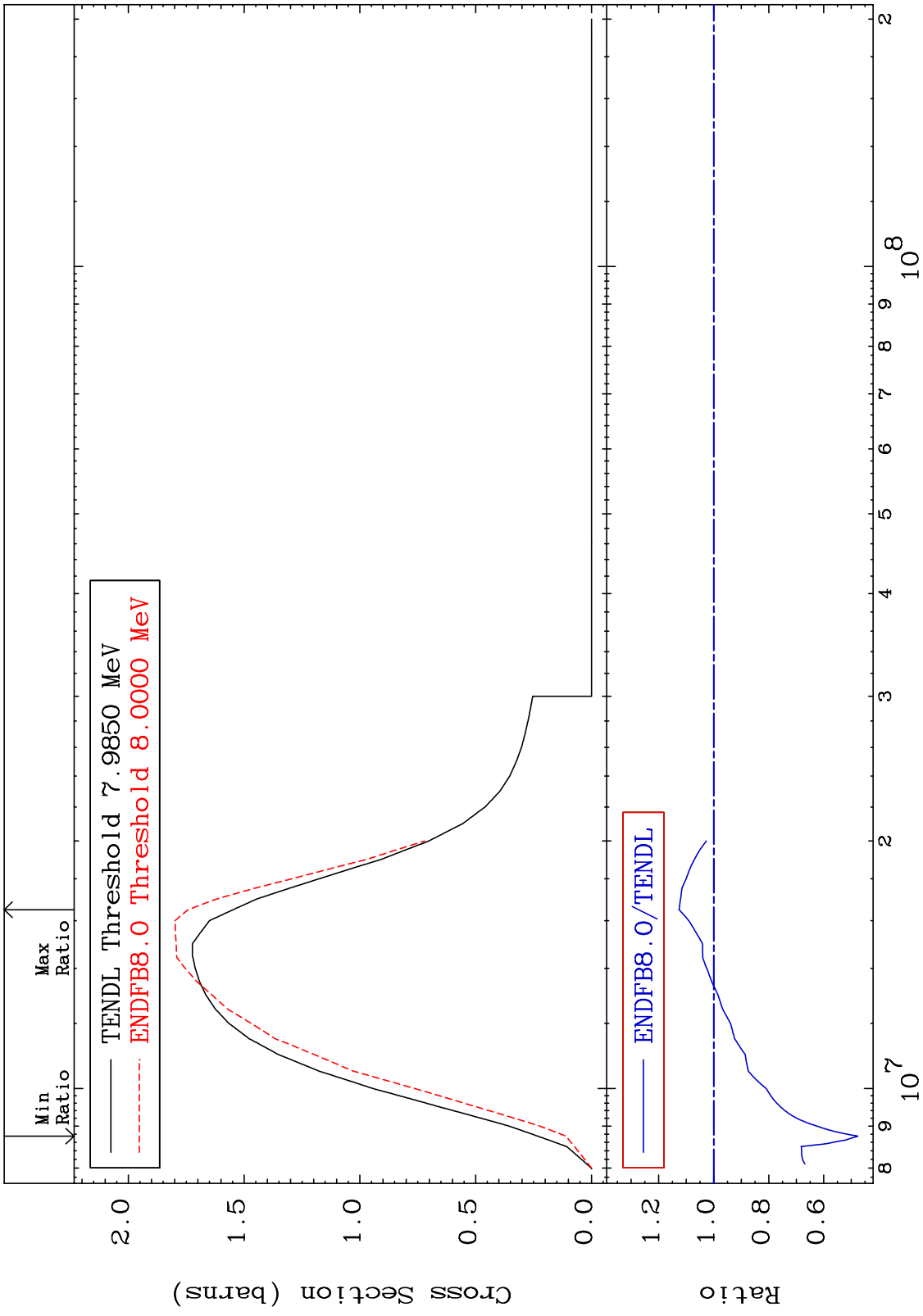


63-Eu-151

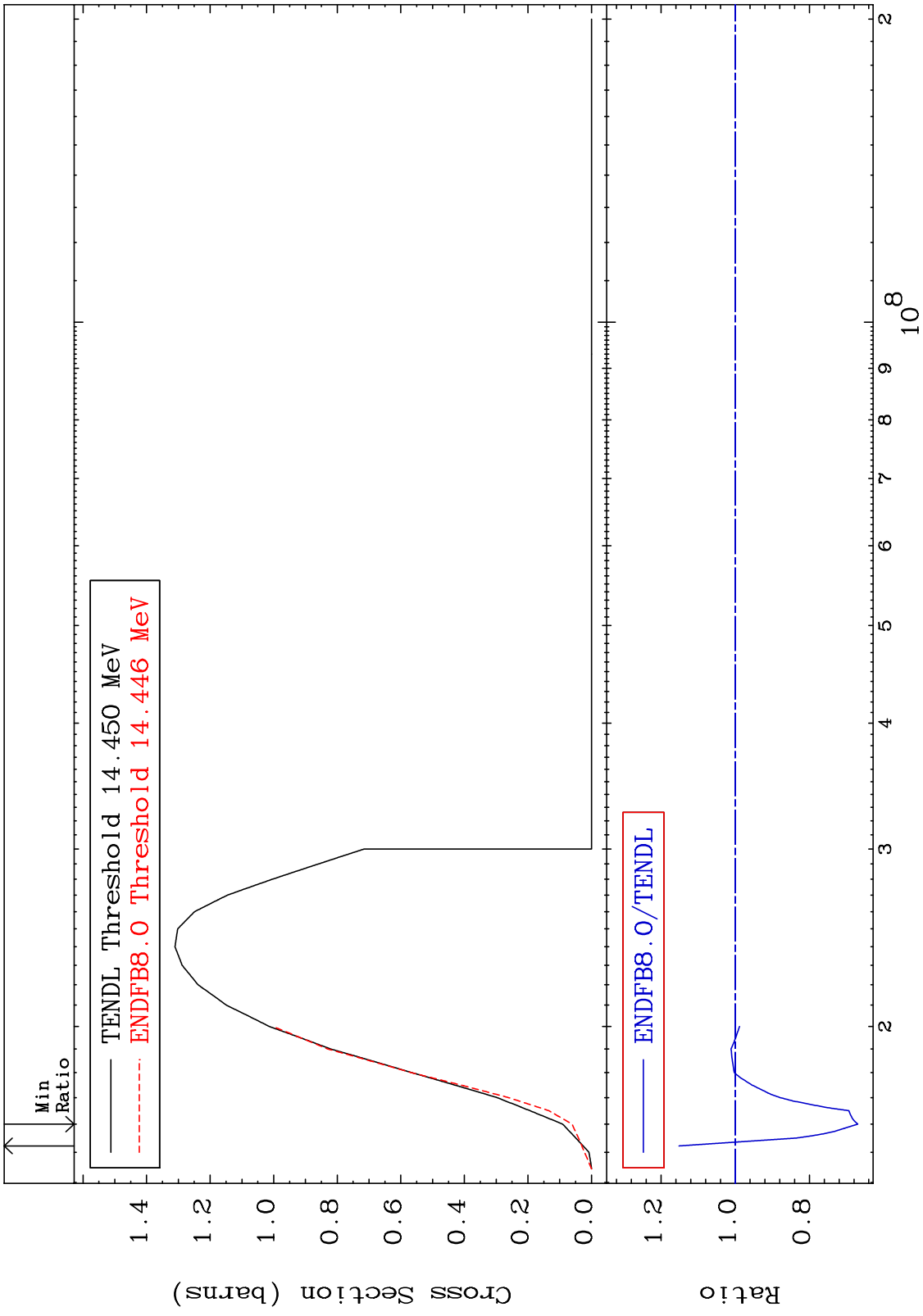
MAT 6325 Inelastic Cross Section 63-Eu-151 -50.42 To 105.6 %



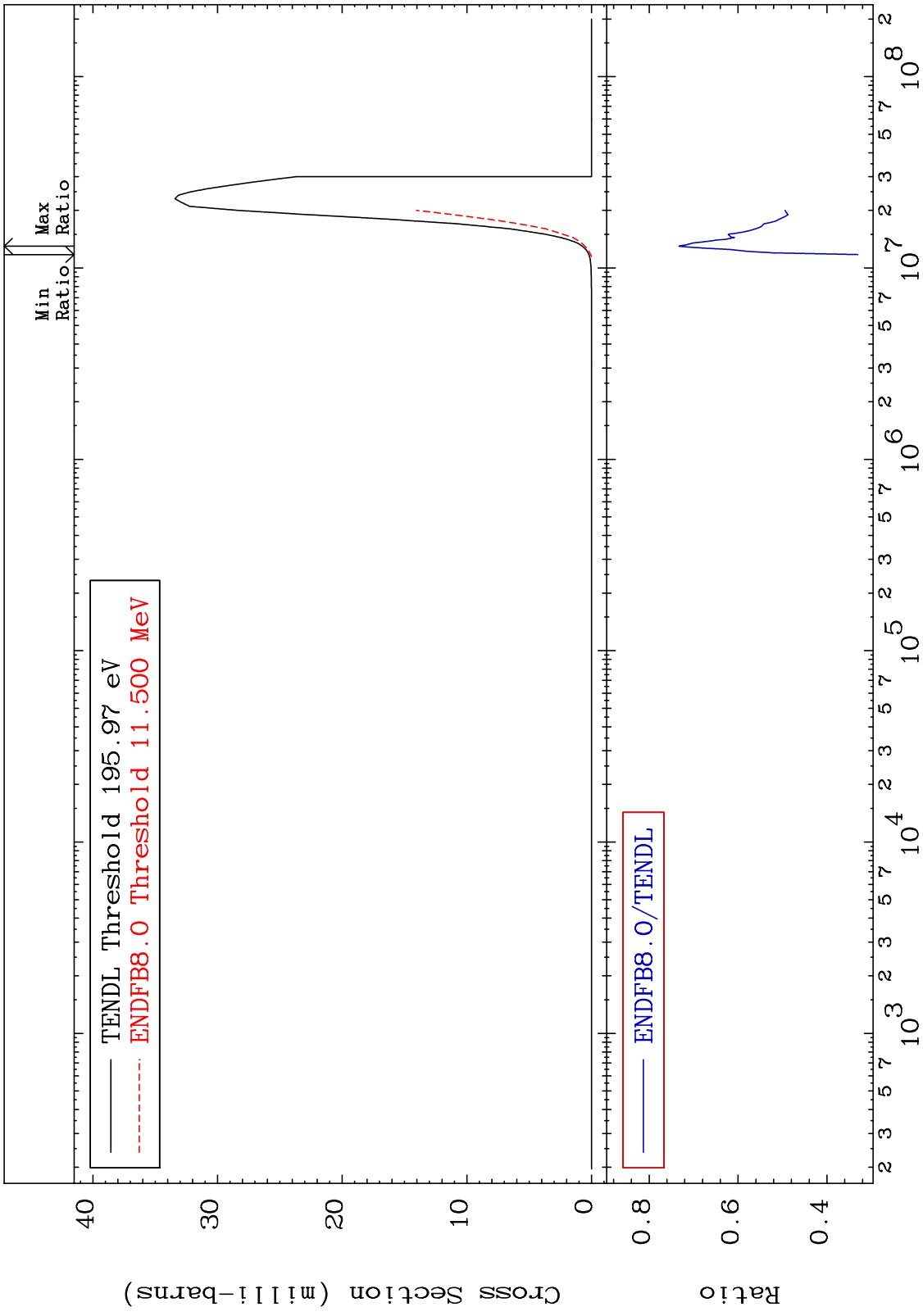
MAT 6325  $(n, 2n)$  Cross Section  ${}^{63}\text{Eu-151}$  -52.36 To 12.57 %



MAT 6325 (n,3n) Cross Section 63-Eu-151 -33.04 To 15.15 %



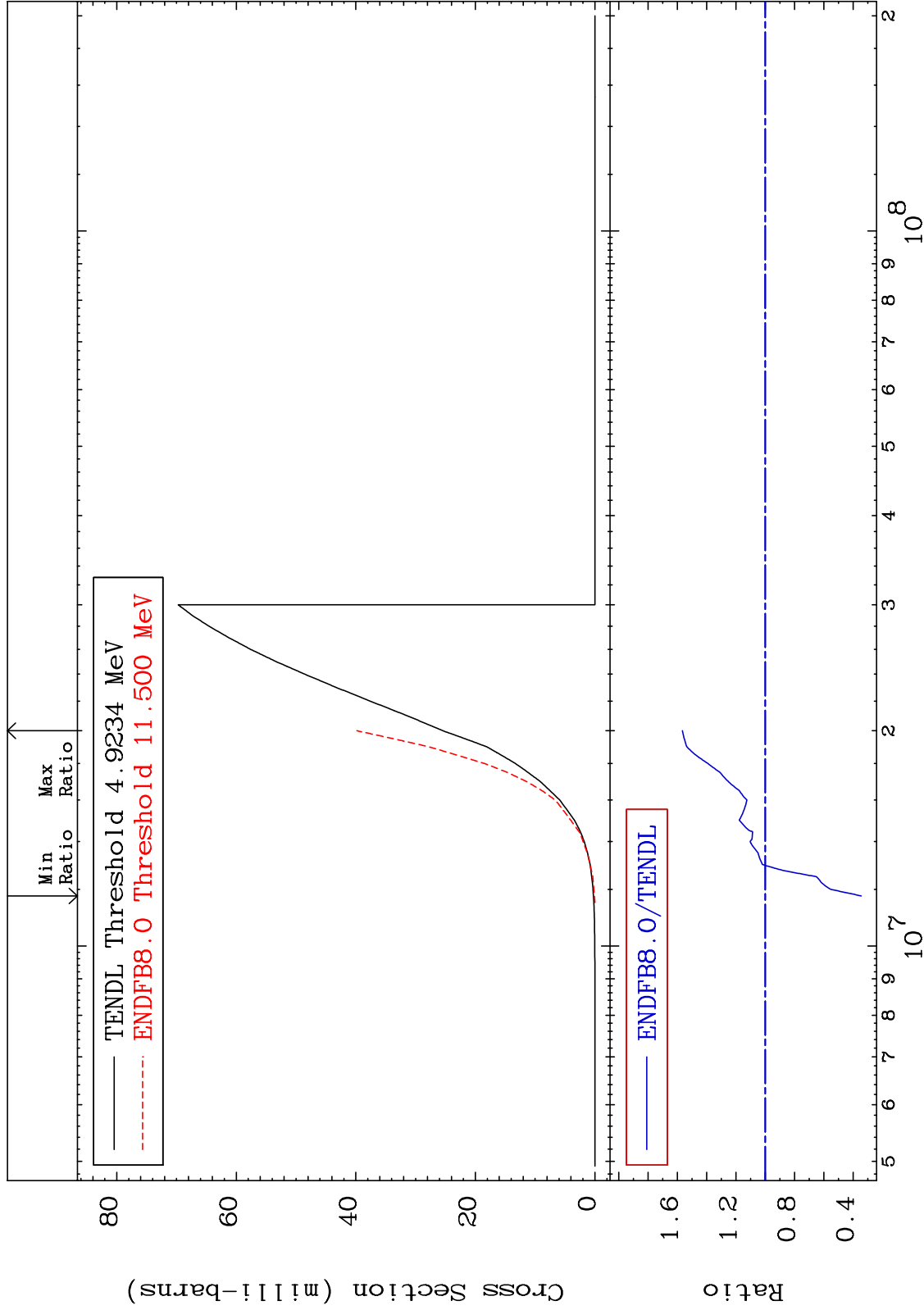
MAT 6325  $(n, n') \alpha$  Cross Section  $^{63}\text{Eu}-151$   $-66.95 \text{ To } -26.73\%$



MAT 6325

(n,n') p  
Cross Section

63-Eu-151  
-65.62 To 56.50 %



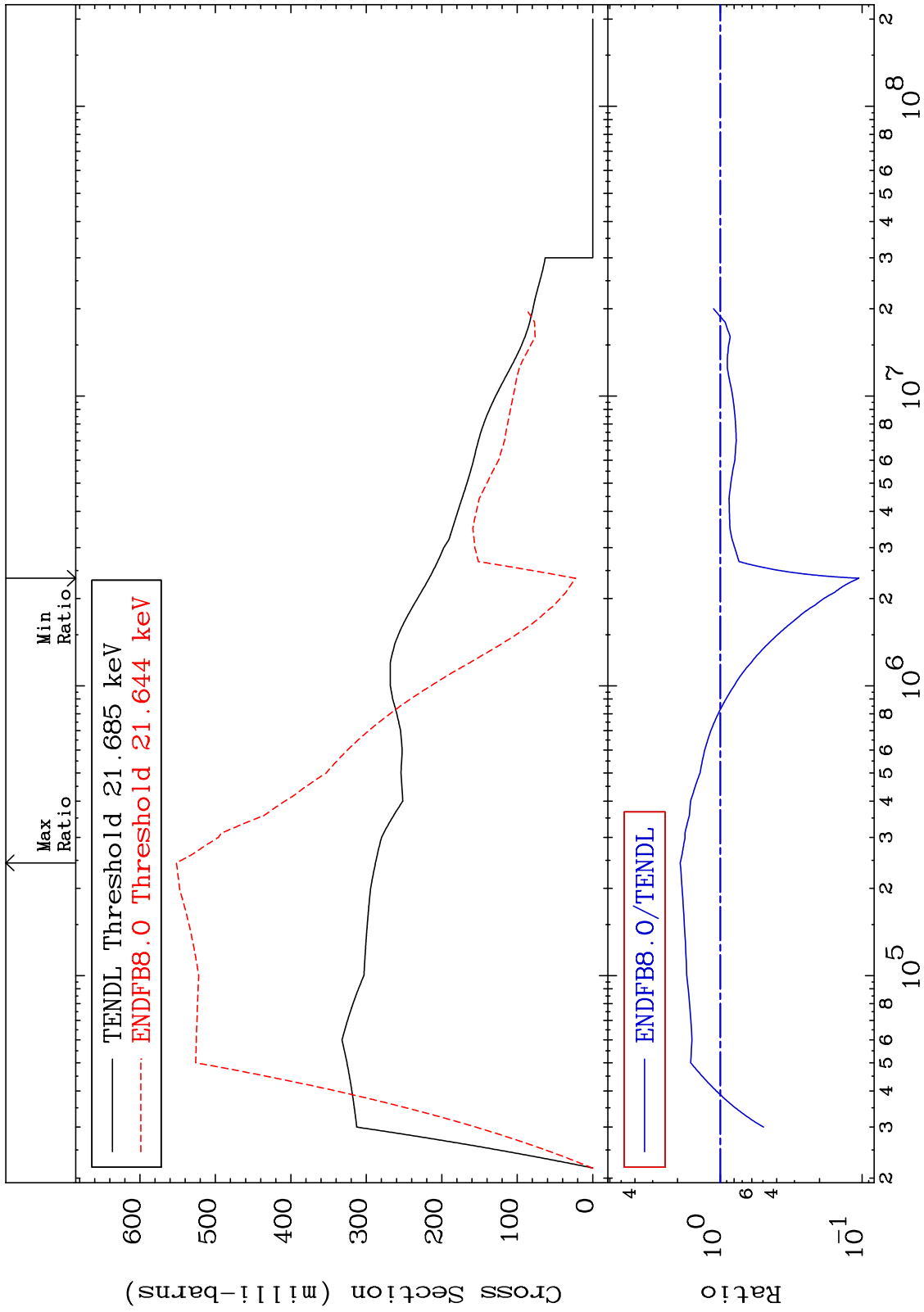
7

Incident Energy (eV)

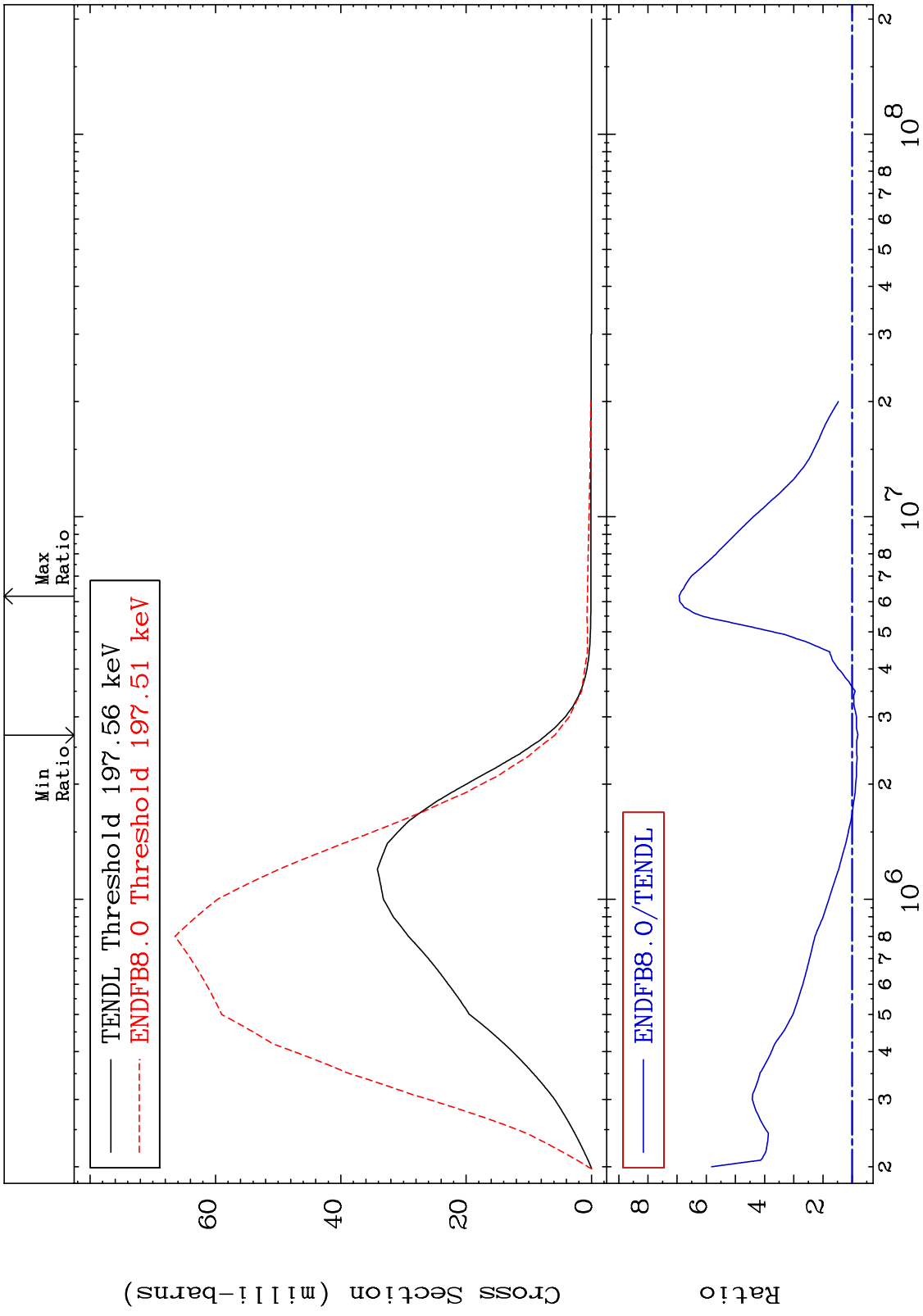
63-Eu-151



MAT 6325 MT= 51 (n,n') Level Cross Section 63-Eu-151 -89.46 To 91.62 %

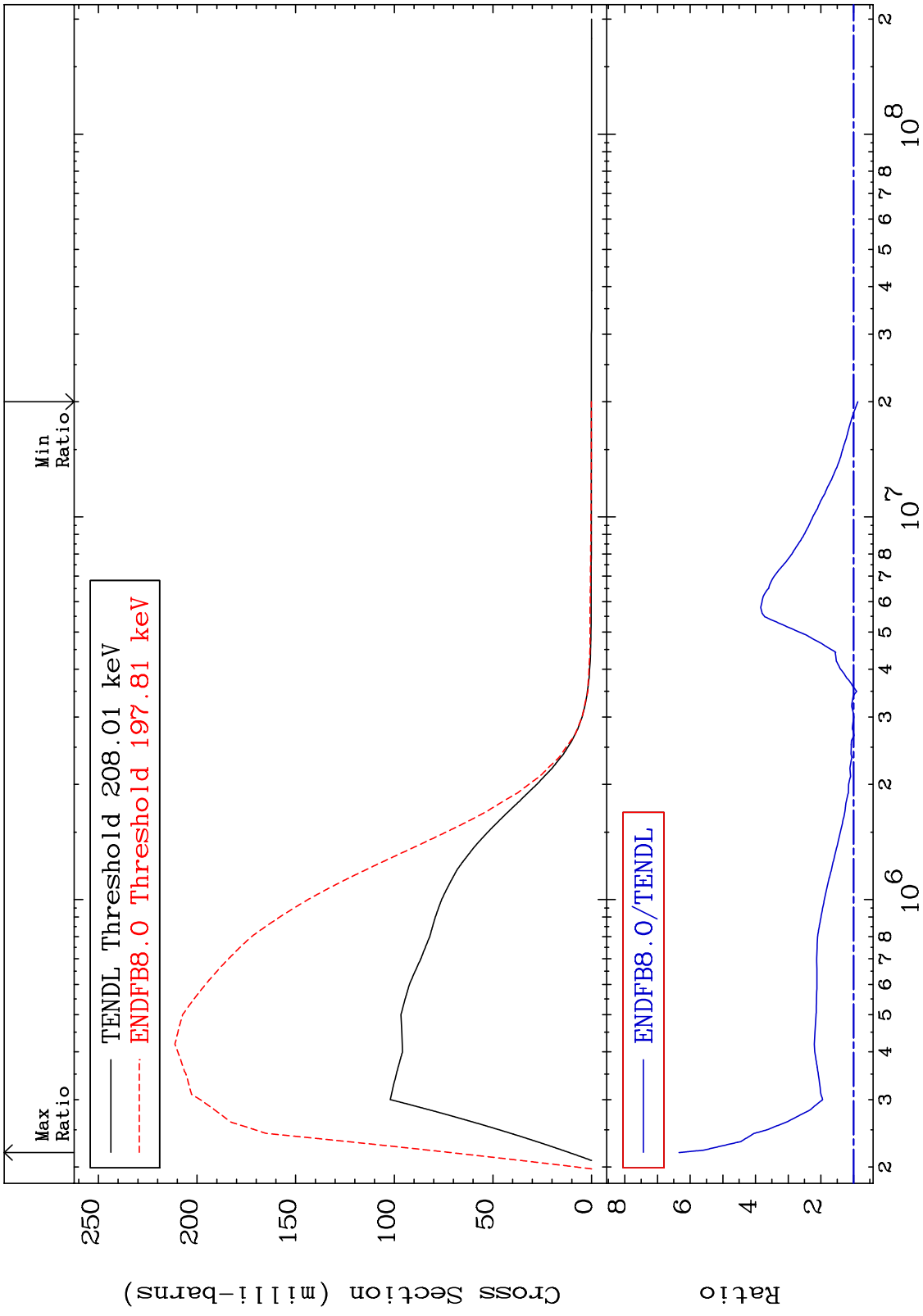


MAT 6325 MT= 52 (n,n') Level Cross Section 63-Eu-151  
 -19.65 To 593.4 %



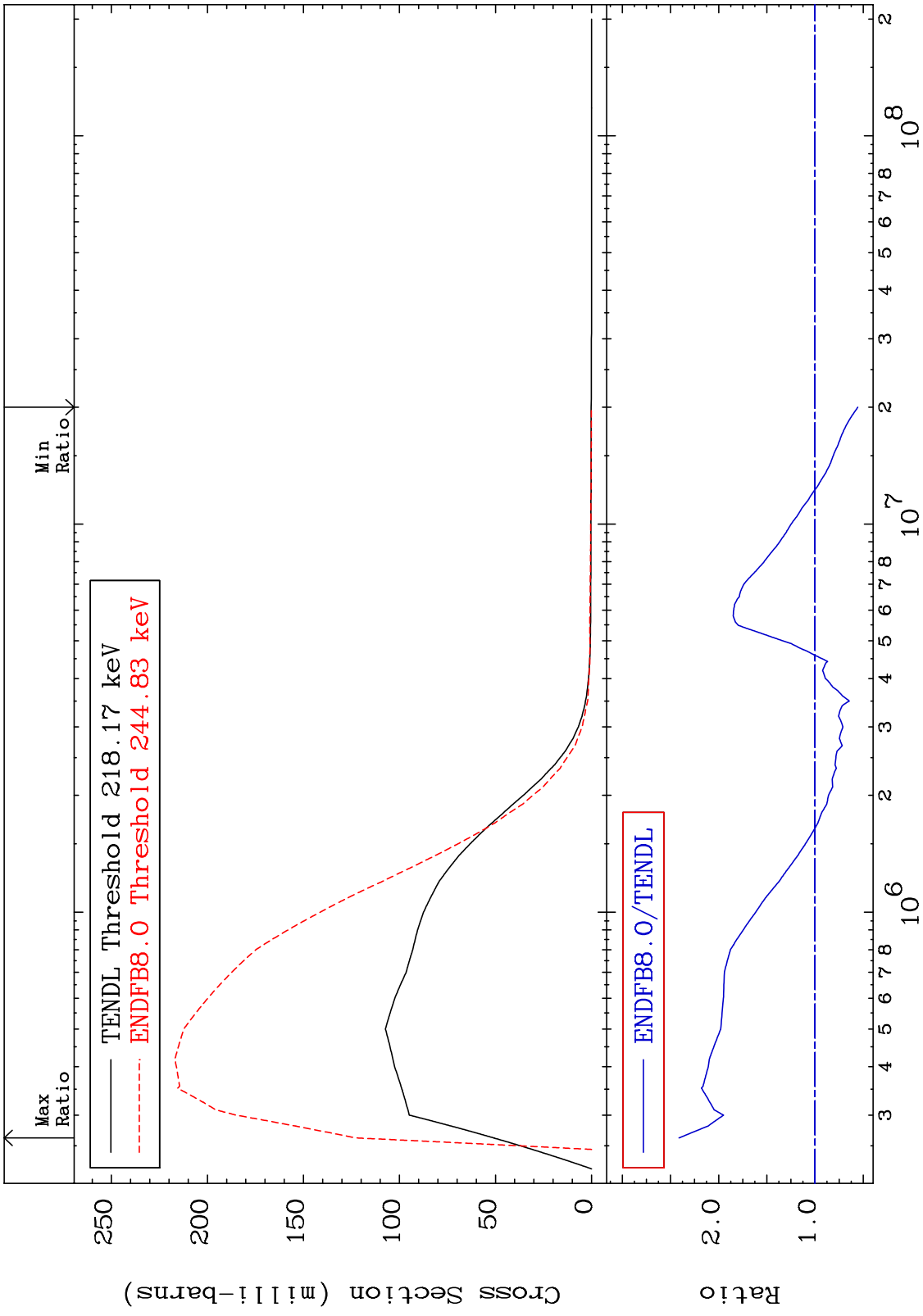
9 Incident Energy (eV) 63-Eu-151

MAT 6325 MT= 53 (n,n') Level Cross Section 63-Eu-151  
 -13.15 To 534.0 %

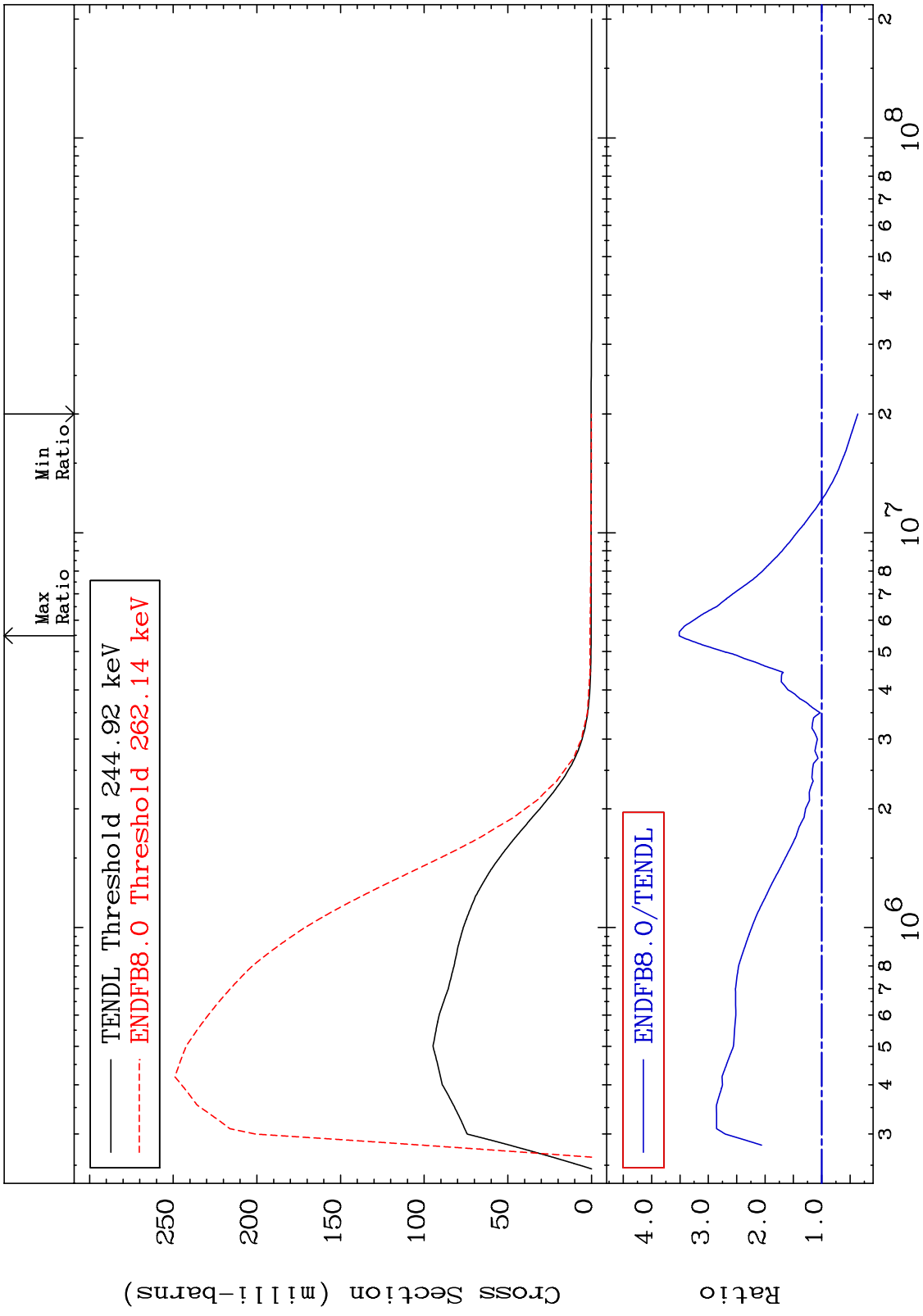


10 Incident Energy (eV) 63-Eu-151

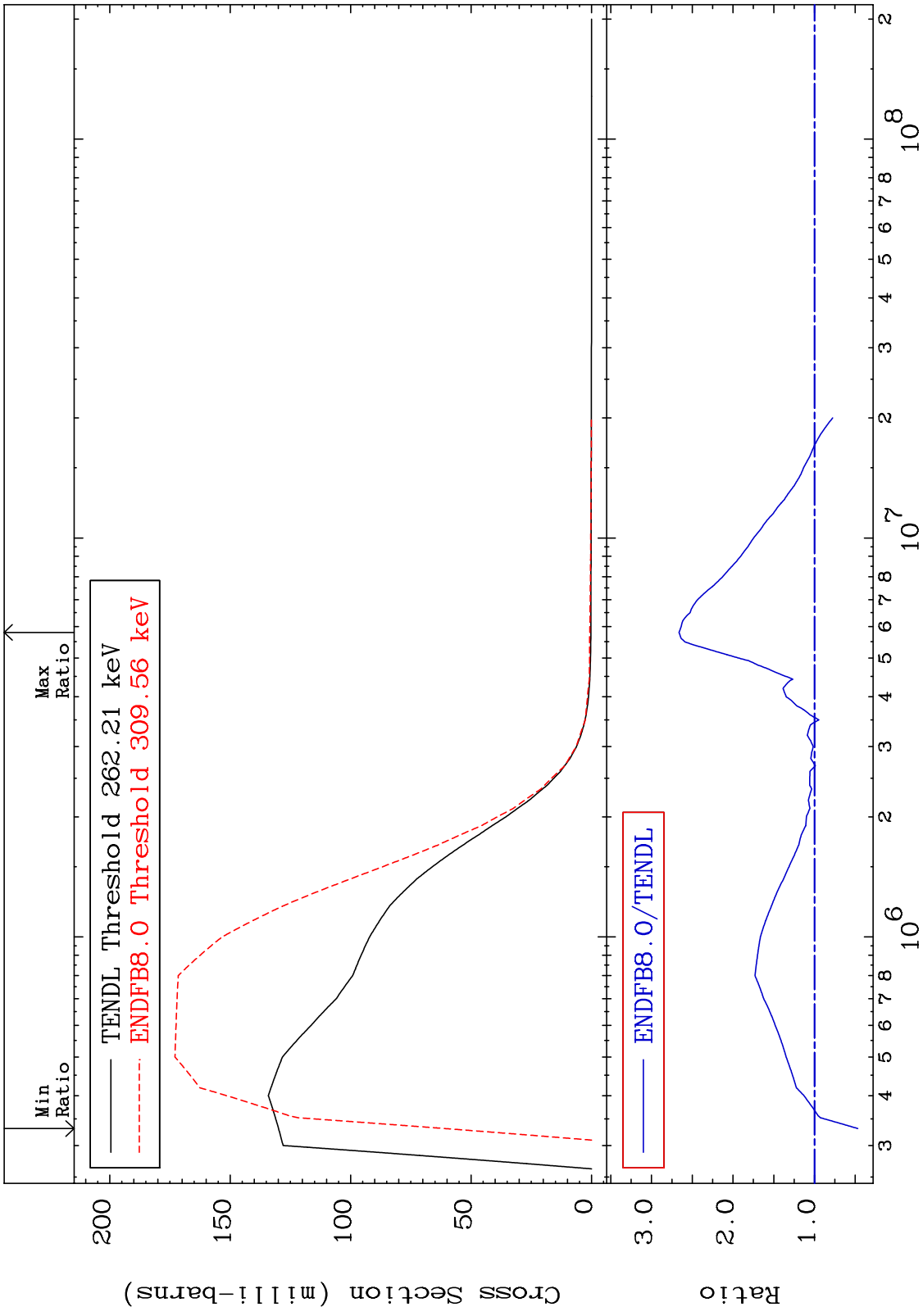
MAT 6325      MT= 54 (n,n') Level Cross Section      63-Eu-151  
 -44.43 To 141.1 %



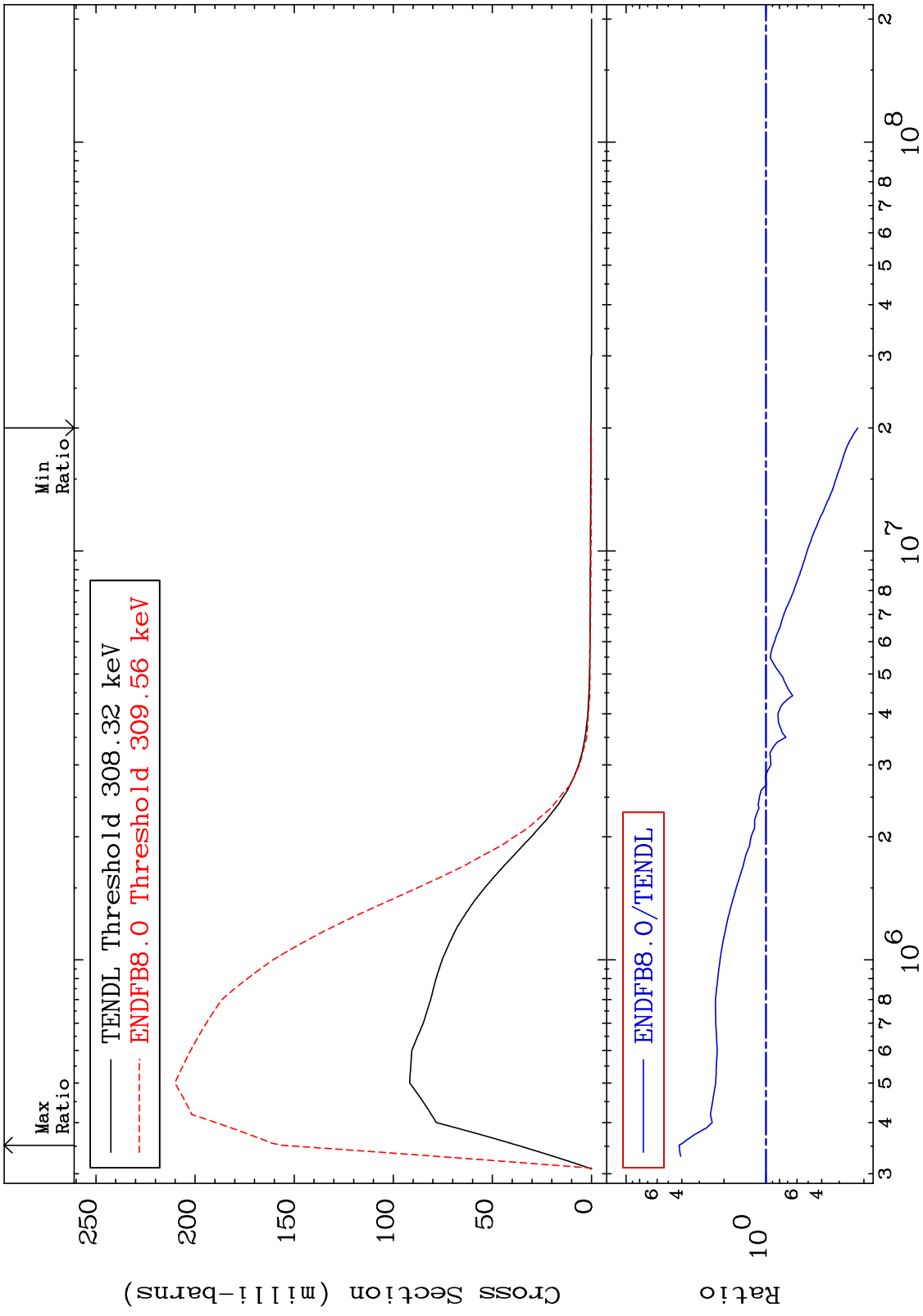
MAT 6325 MT= 55 (n,n') Level Cross Section 63-Eu-151 -63.60 To 251.6 %



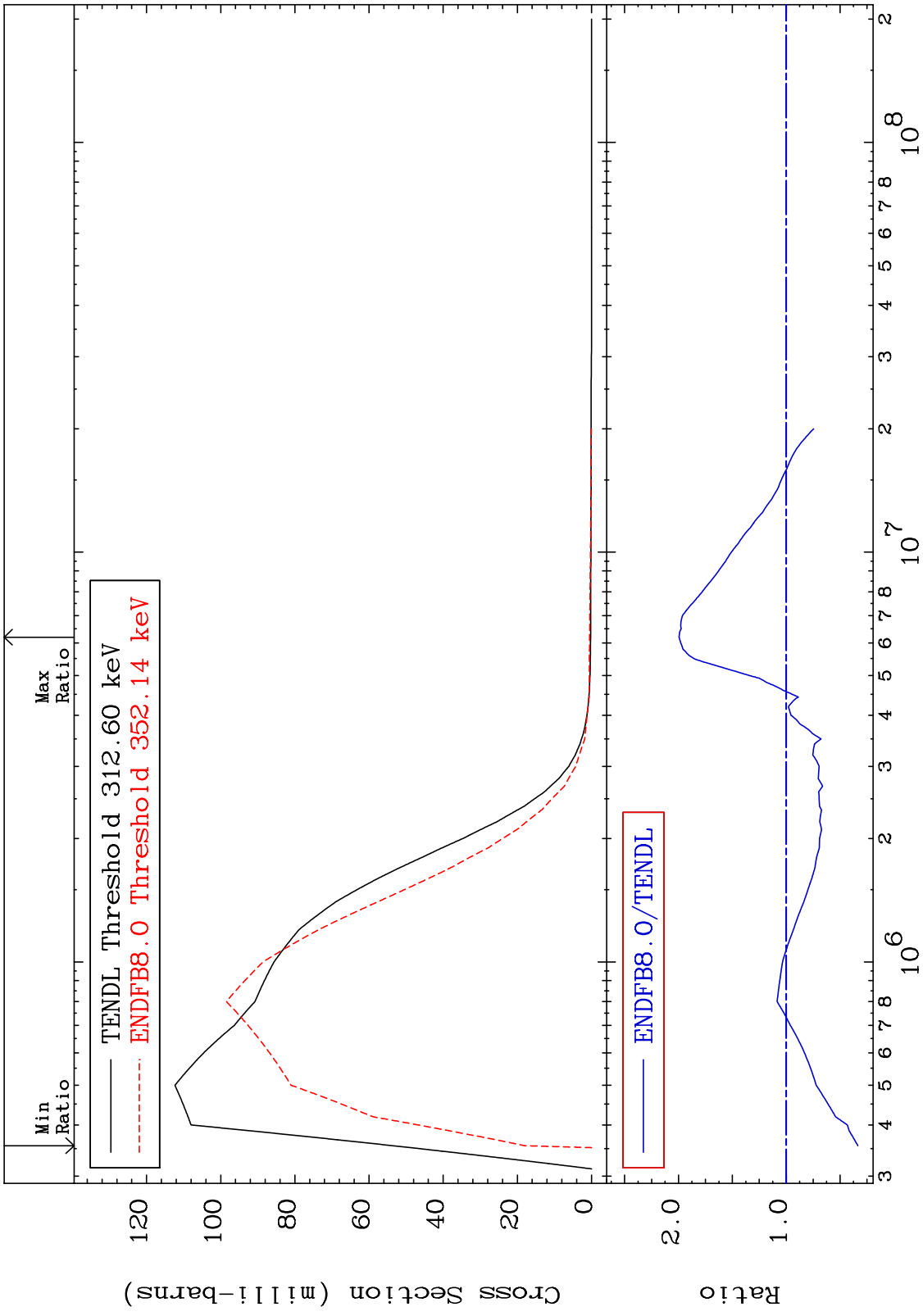
MAT 6325      MT= 56 (n,n') Level Cross Section      63-Eu-151  
 -53.16 To 166.2 %



MAT 6325 MT= 57 (n,n') Level Cross Section 63-Eu-151 -77.91 To 318.4 %

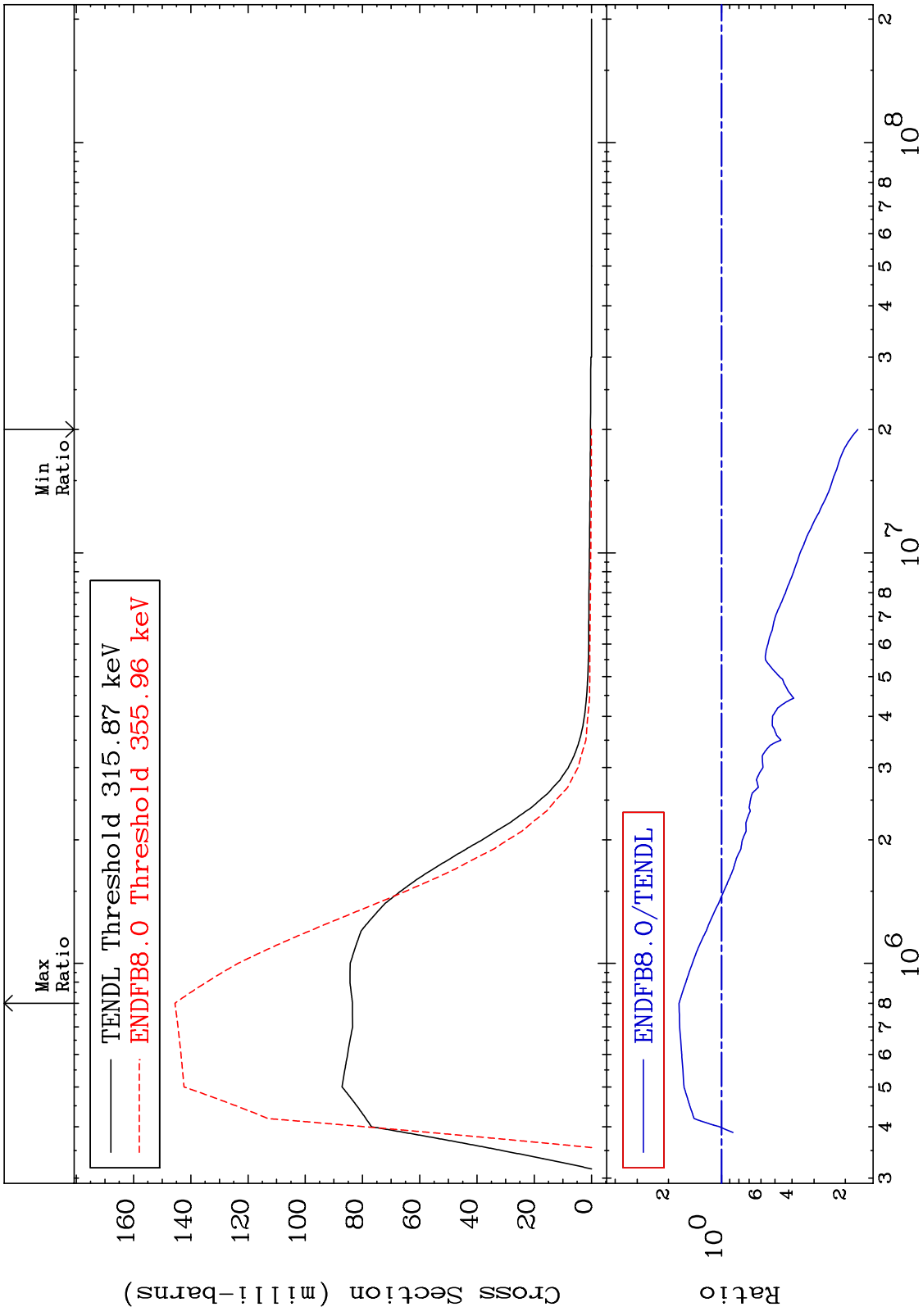


MAT 6325 MT= 58 (n,n') Level Cross Section 63-Eu-151 -66.50 To 99.49 %

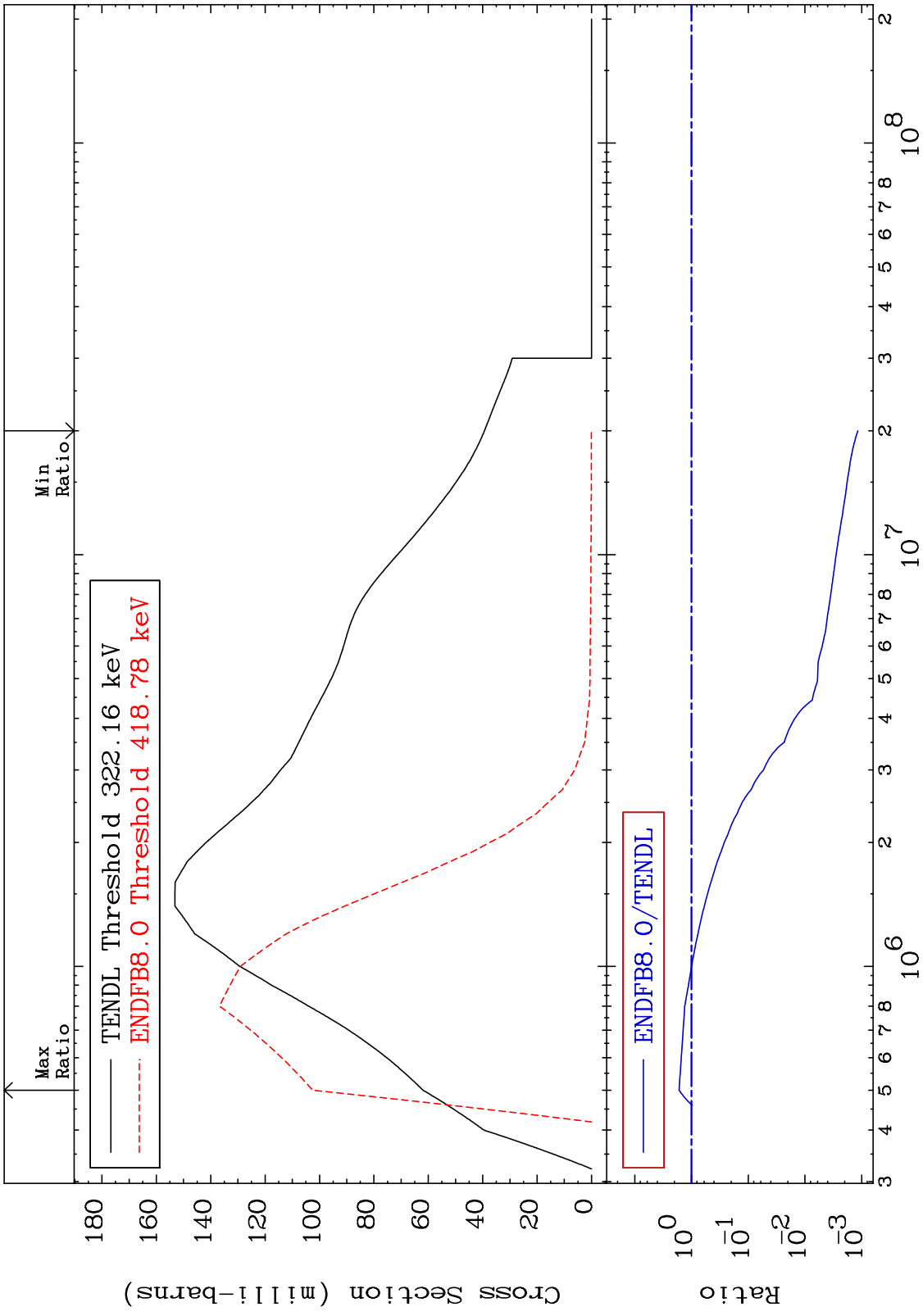




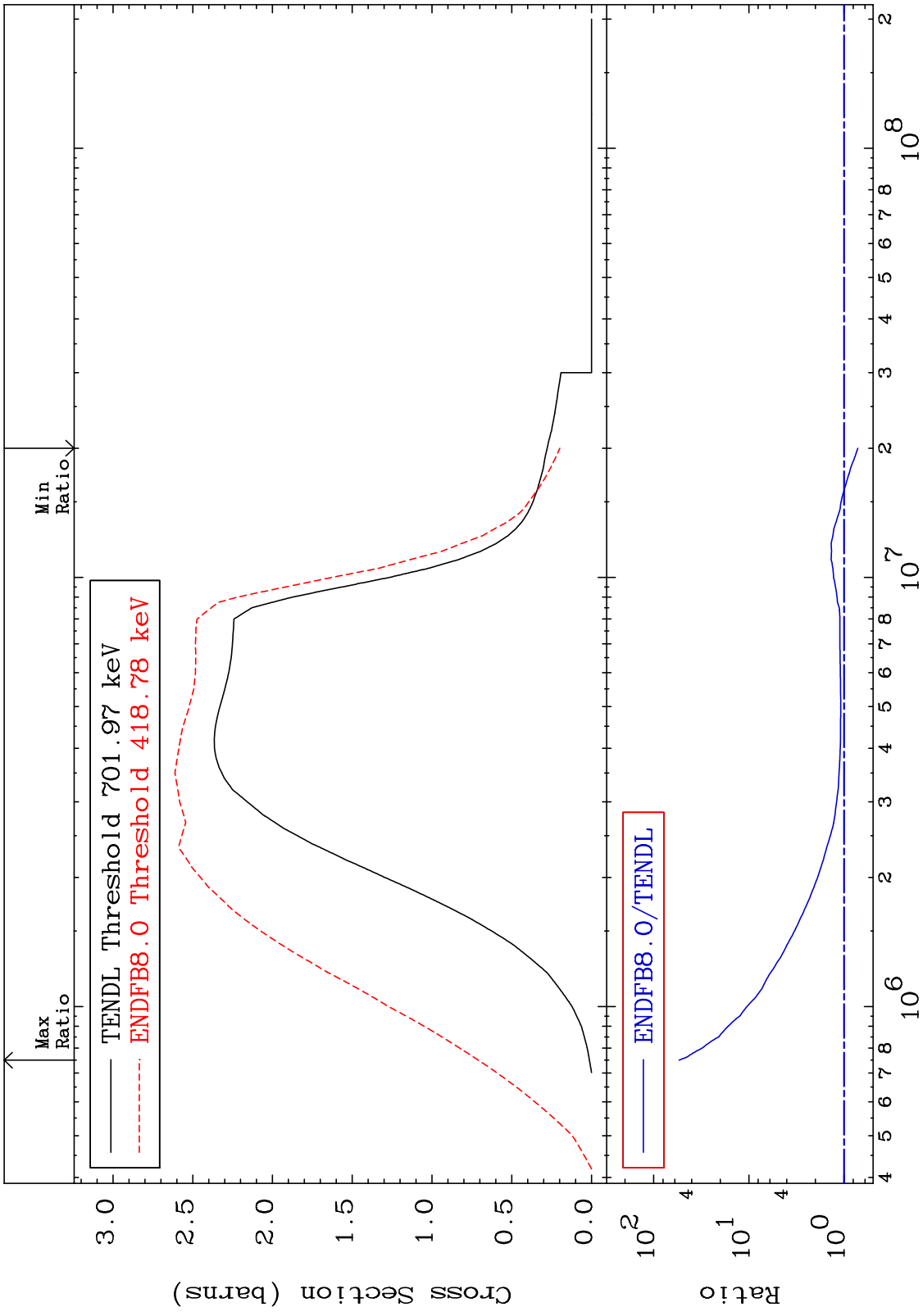
MAT 6325 MT= 59 (n,n') Level Cross Section 63-Eu-151  
 -83.01 To 74.25 %



MAT 6325 MT= 60 (n,n') Level Cross Section 63-Eu-151 -99.88 To 65.57 %



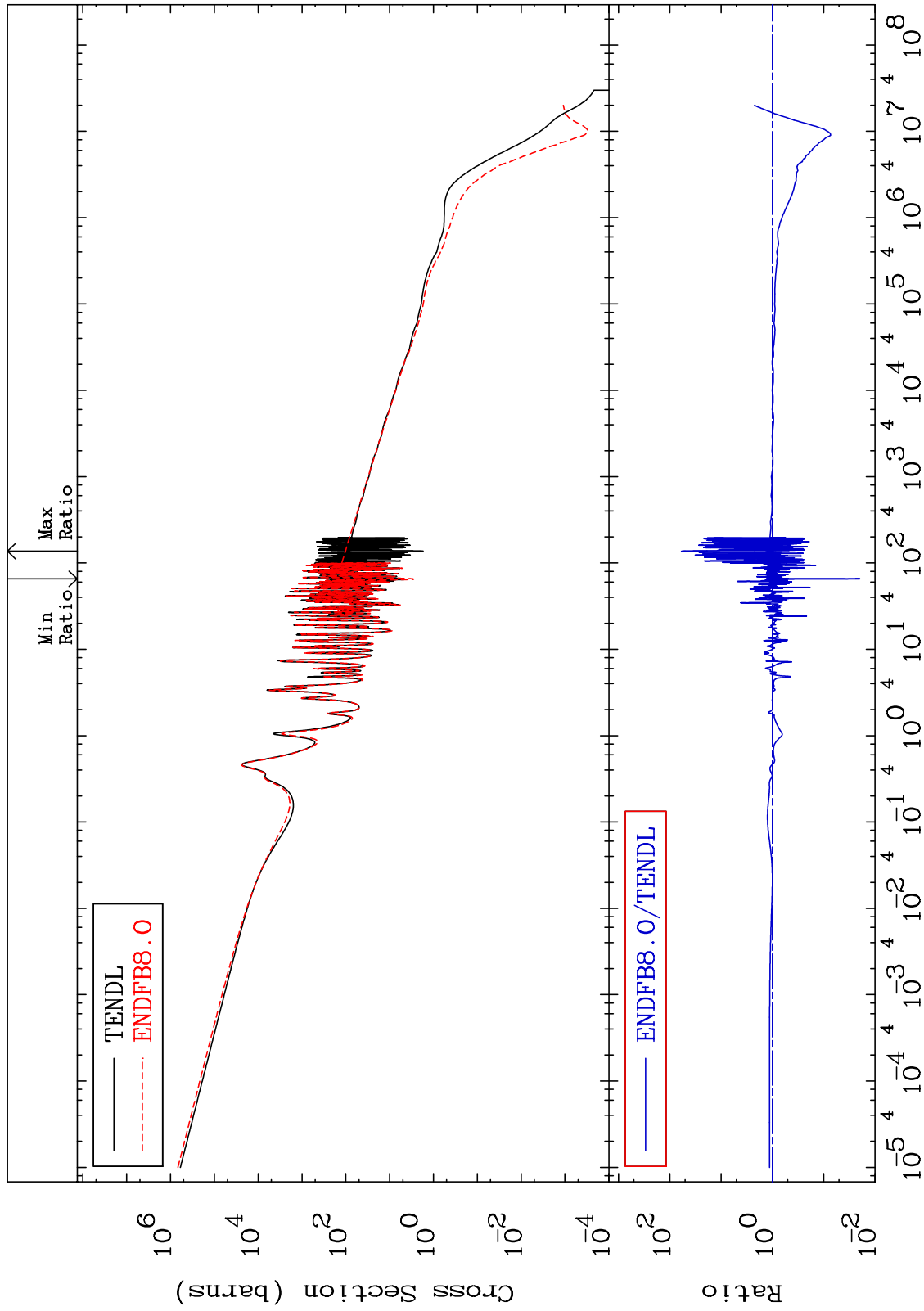
MAT 6325 (n,n') Continuum Cross Section 63-Eu-151 -28.53 To 5315. %



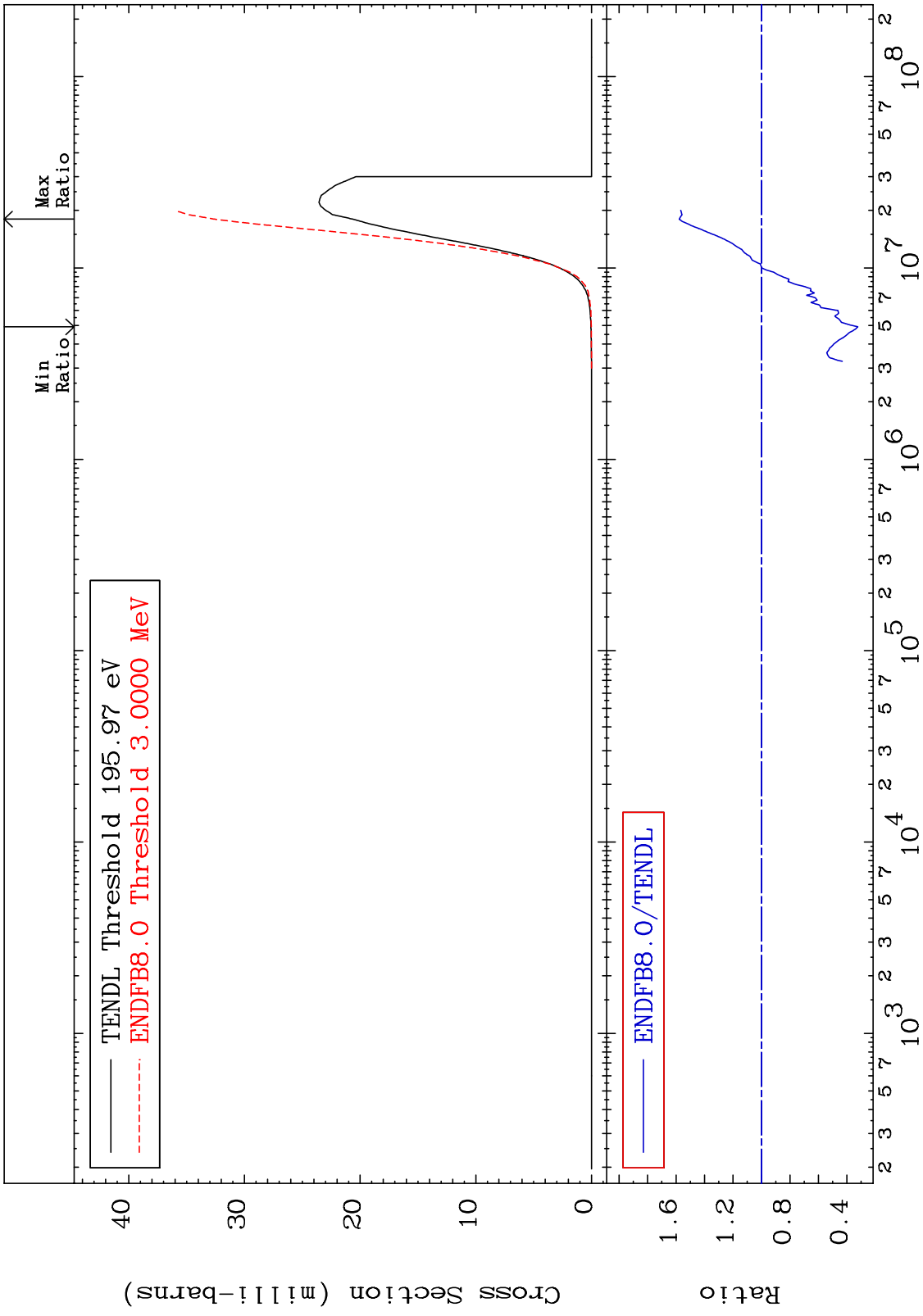
MAT 6325

(n,  $\gamma$ )  
Cross Section

63-Eu-151  
-98.03 To 5870. %

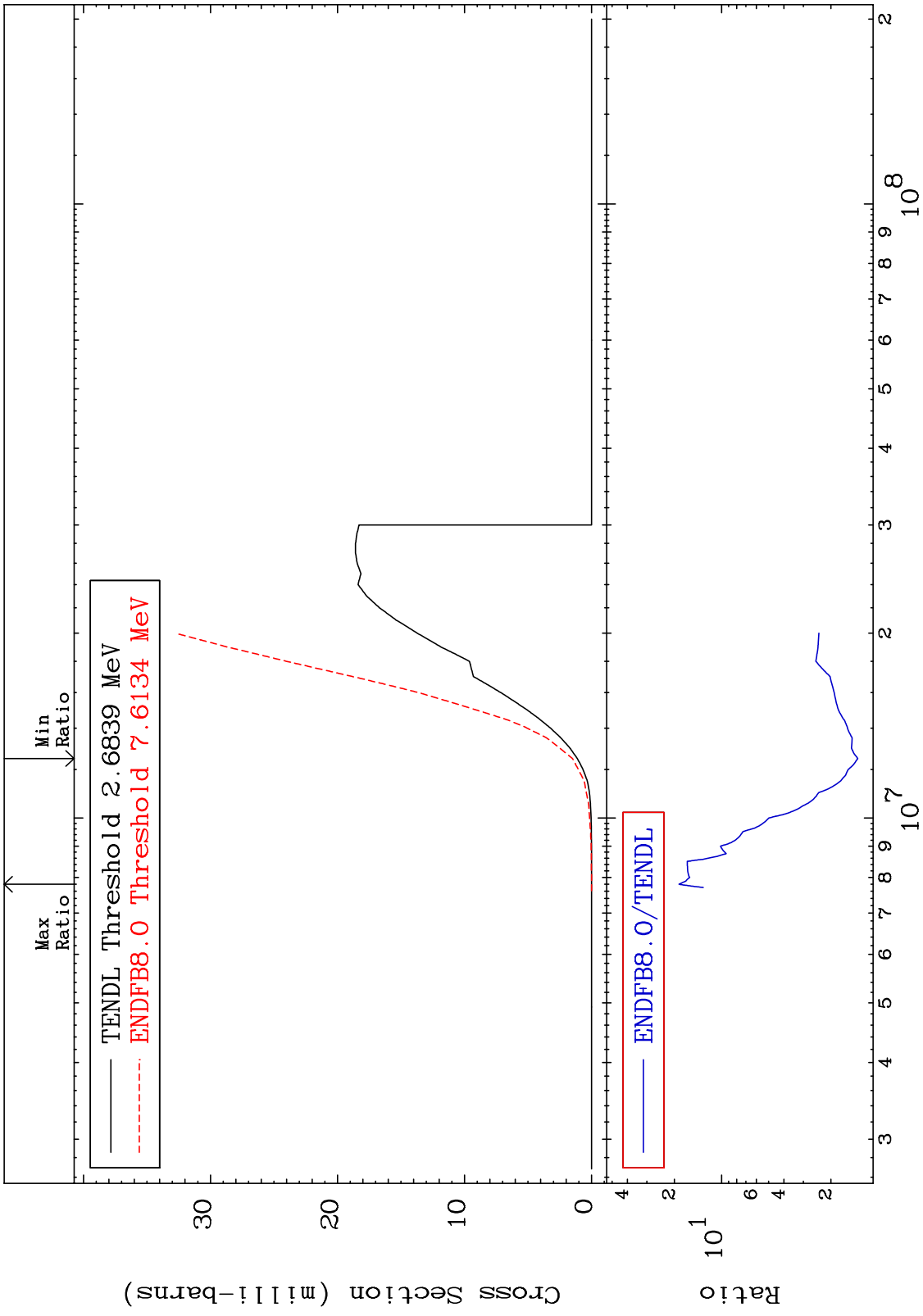


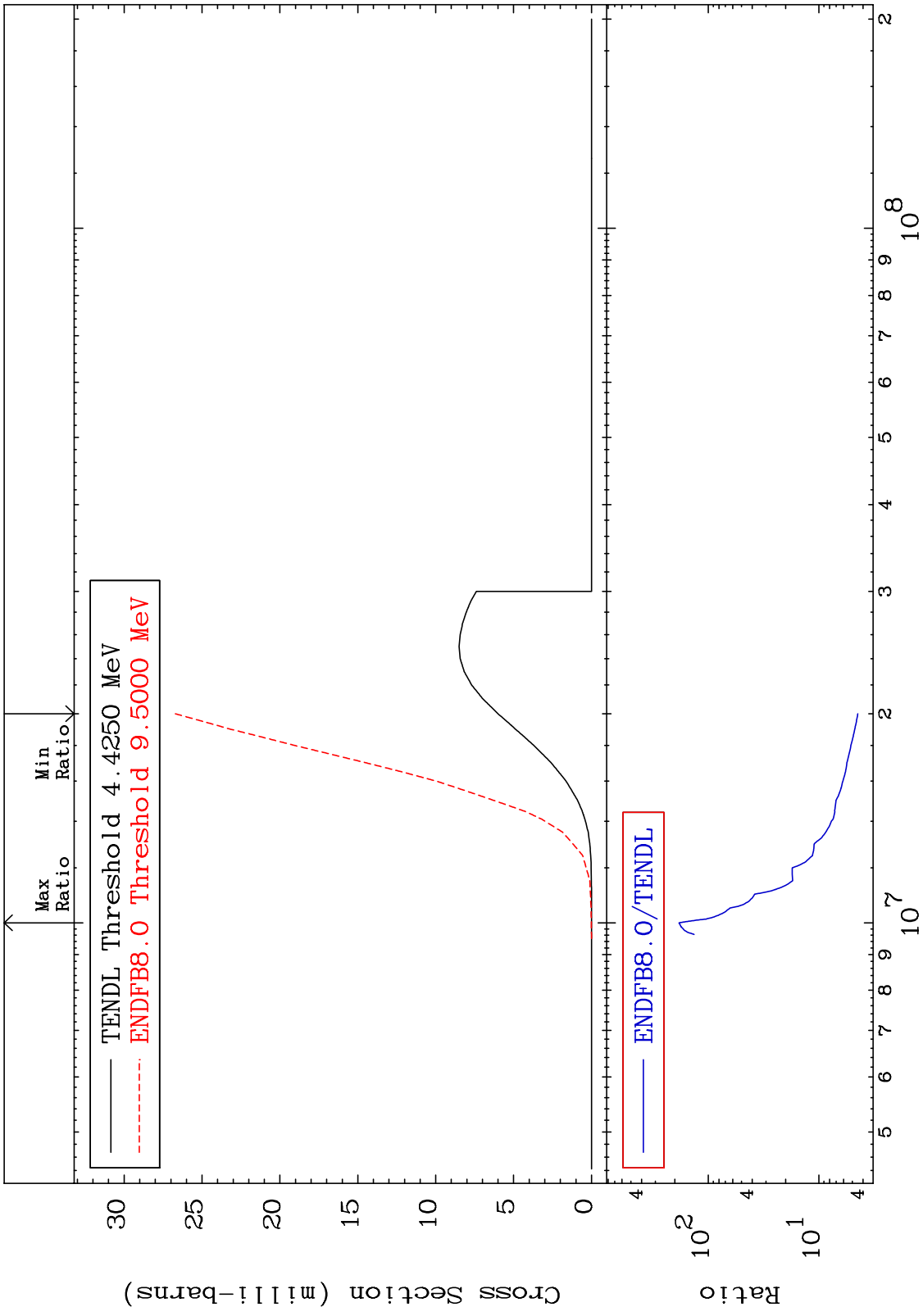
MAT 6325 (n,p) Cross Section 63-Eu-151  
 -67.67 To 57.89 %

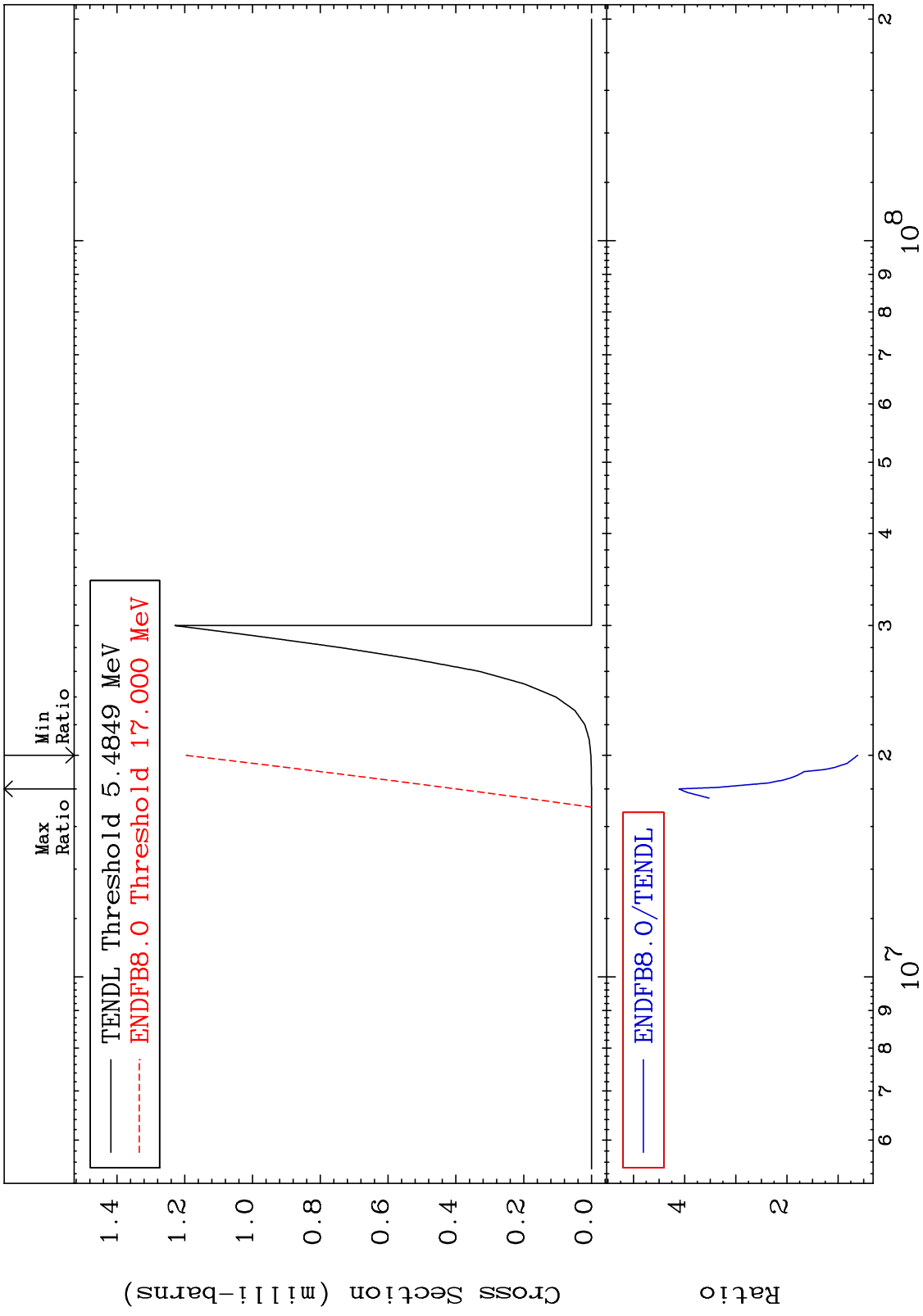


20 63-Eu-151

MAT 6325 (n,d) Cross Section 63-Eu-151 34.67 To 1768. %

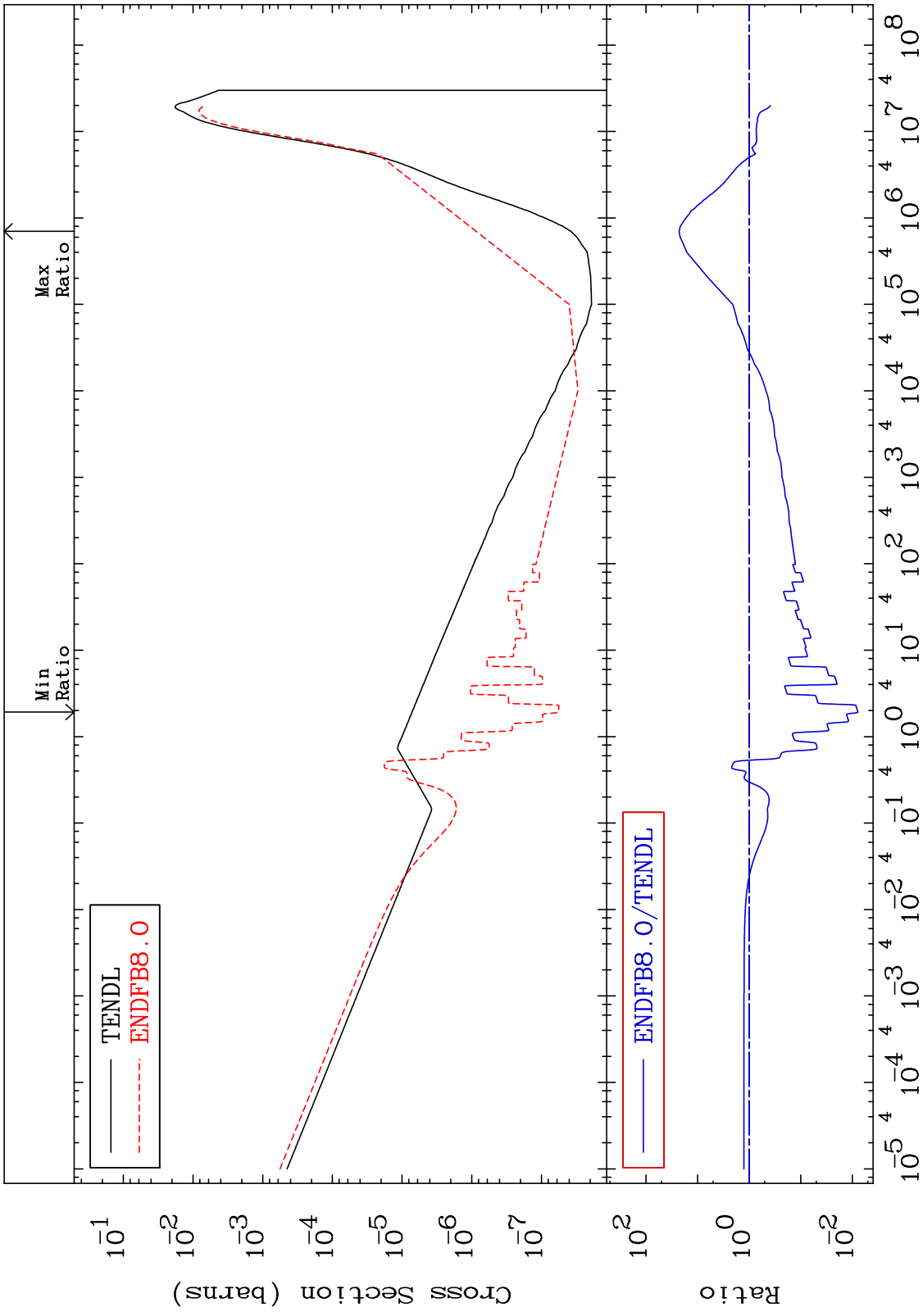








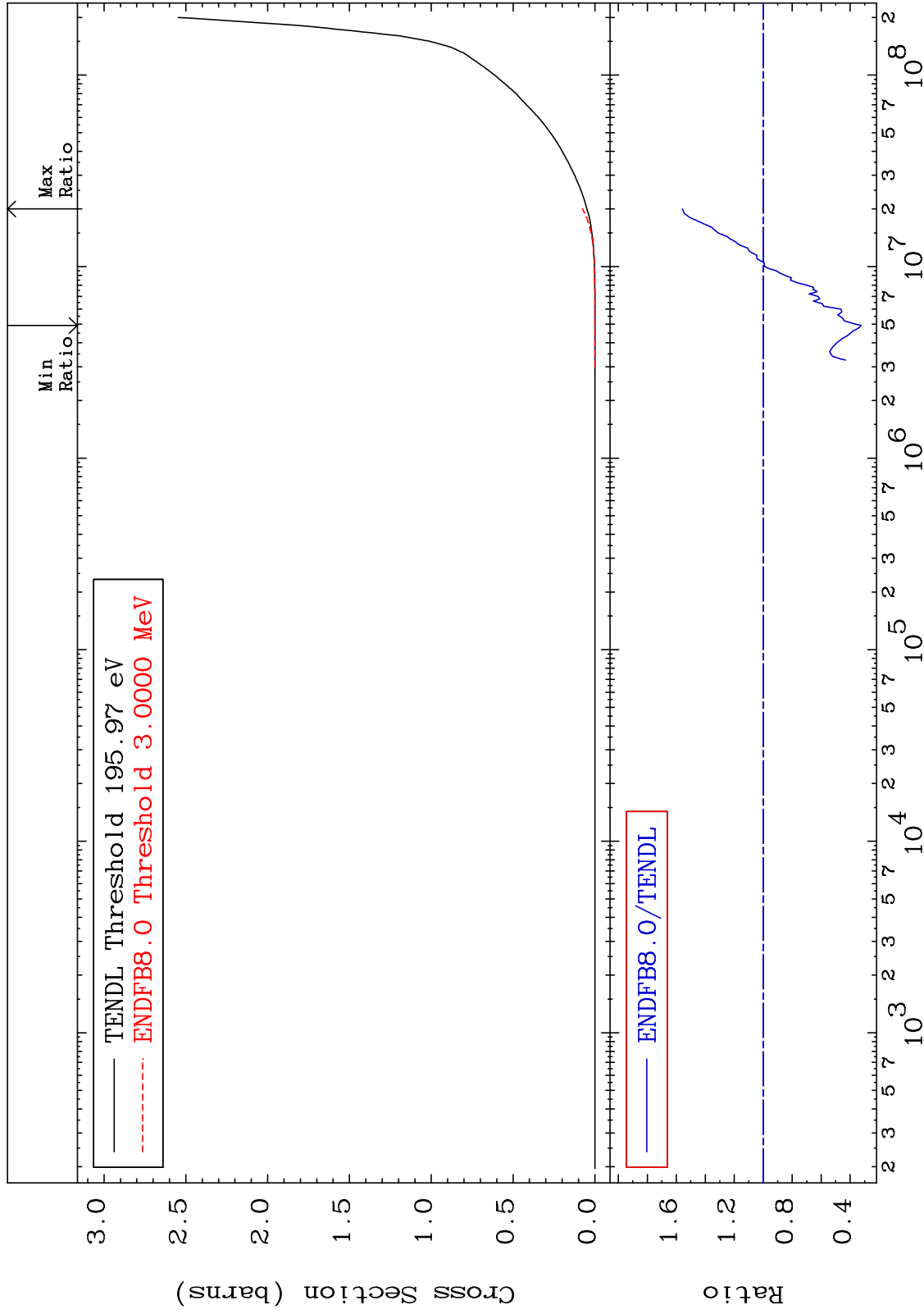
MAT 6325  $^{63}\text{Eu-151}$  Cross Section  $(n, \alpha)$  -99.21 To 2193. %



MAT 6325

Hydrogen Production  
Cross Section

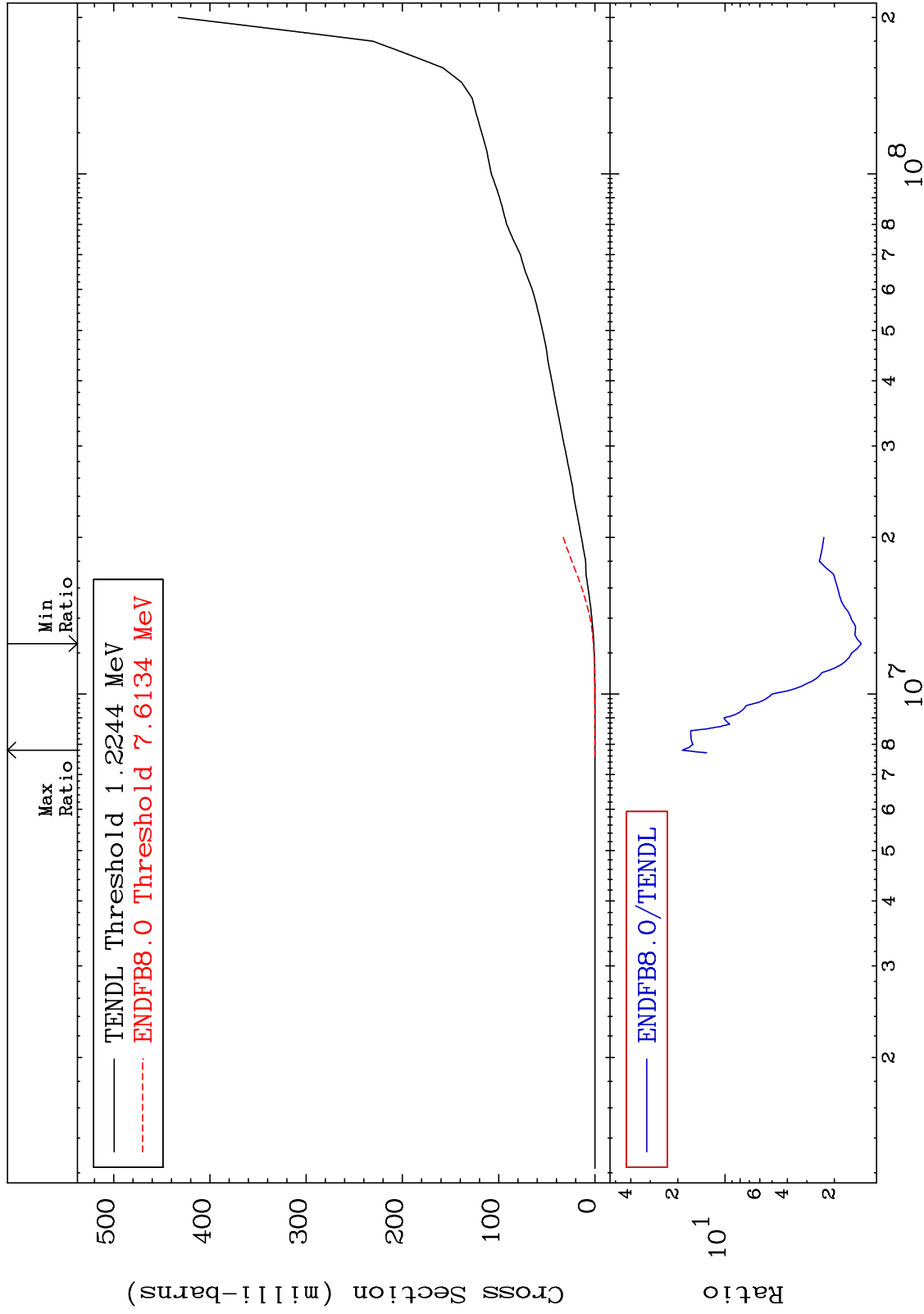
63-Eu-151  
-67.67 To 55.76 %



MAT 6325

Deuterium Production  
Cross Section

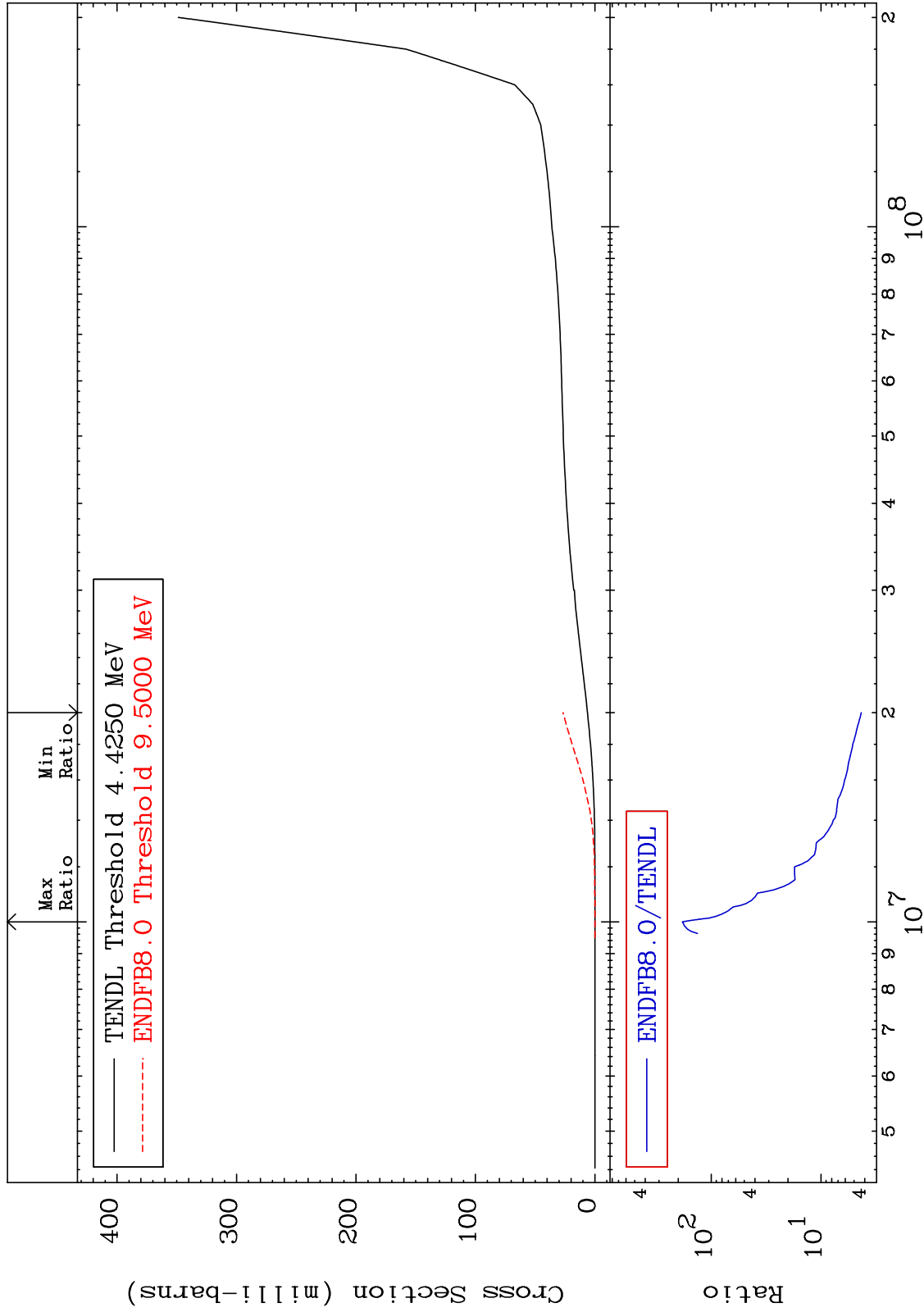
63-Eu-151  
34.67 To 1768. %



MAT 6325

Tritium Production  
Cross Section

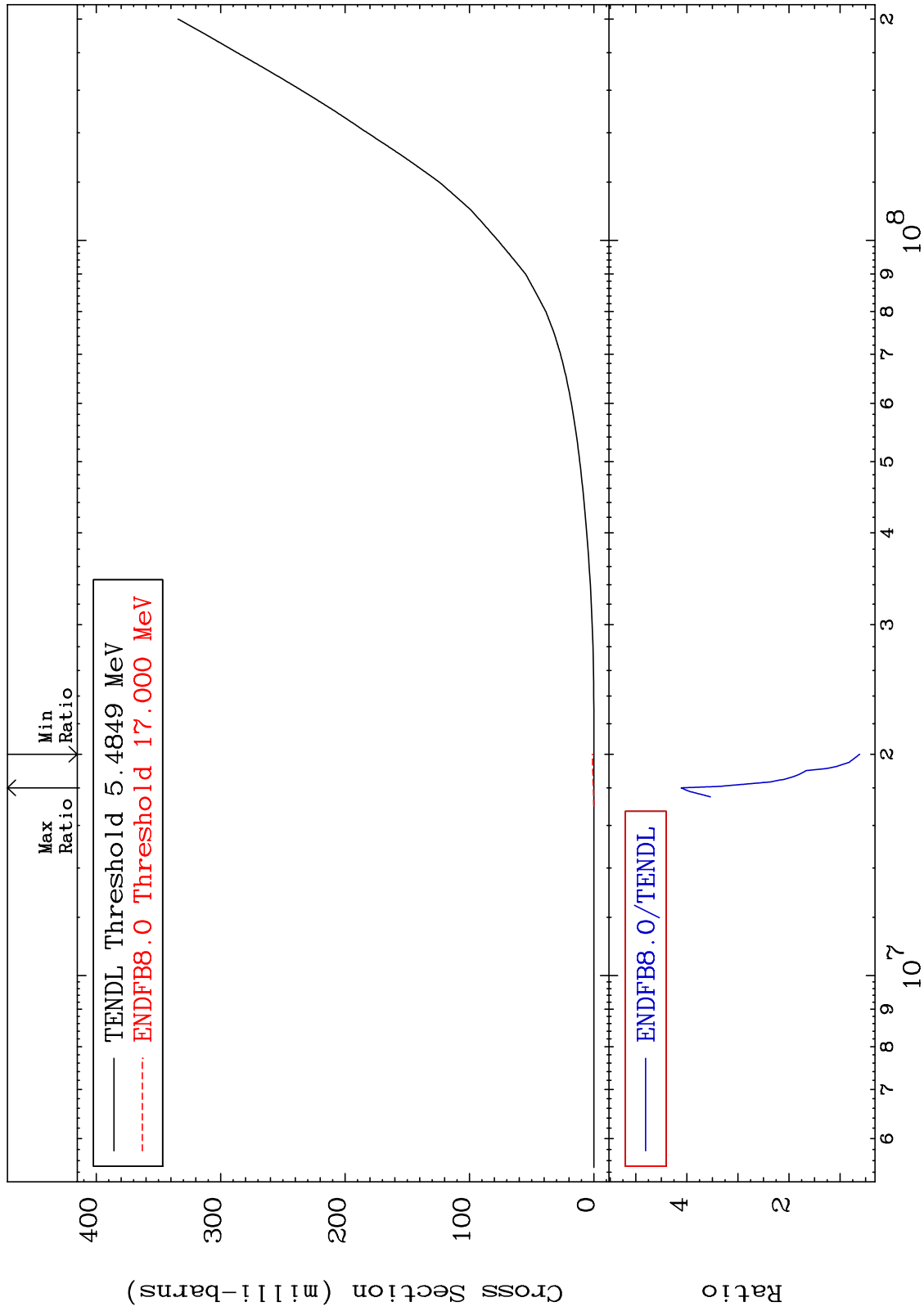
63-Eu-151  
329.4 To 9999. %



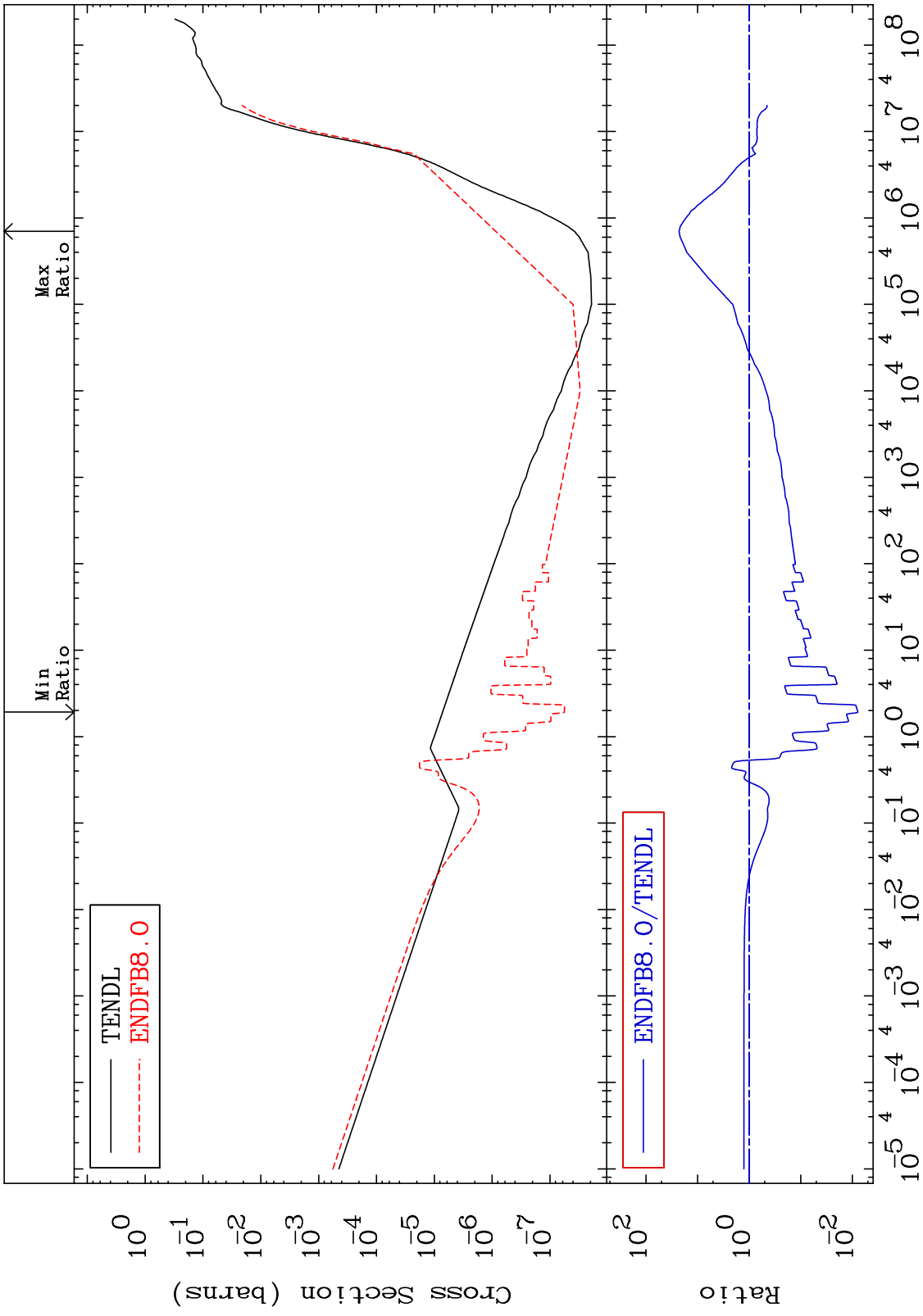
MAT 6325

He-3 Production  
Cross Section

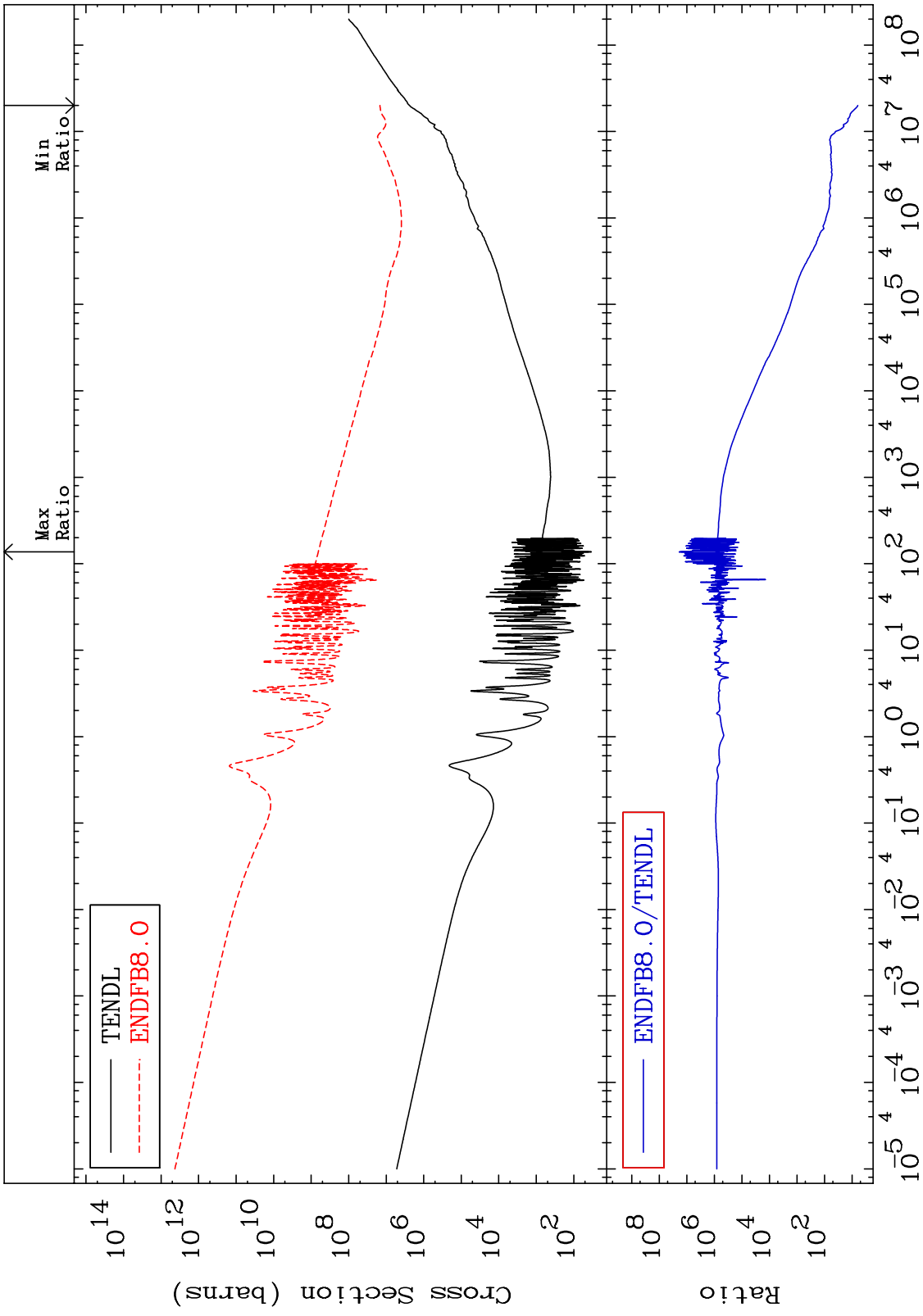
63-Eu-151  
9999. To 9999. %



MAT 6325      He-4 Production Cross Section      63-Eu-151  
 -99.21 To 2193. %



MAT 6325 Kerma total (eV-barns) 63-Eu-151  
 Cross Section 517.4 To 9999. %

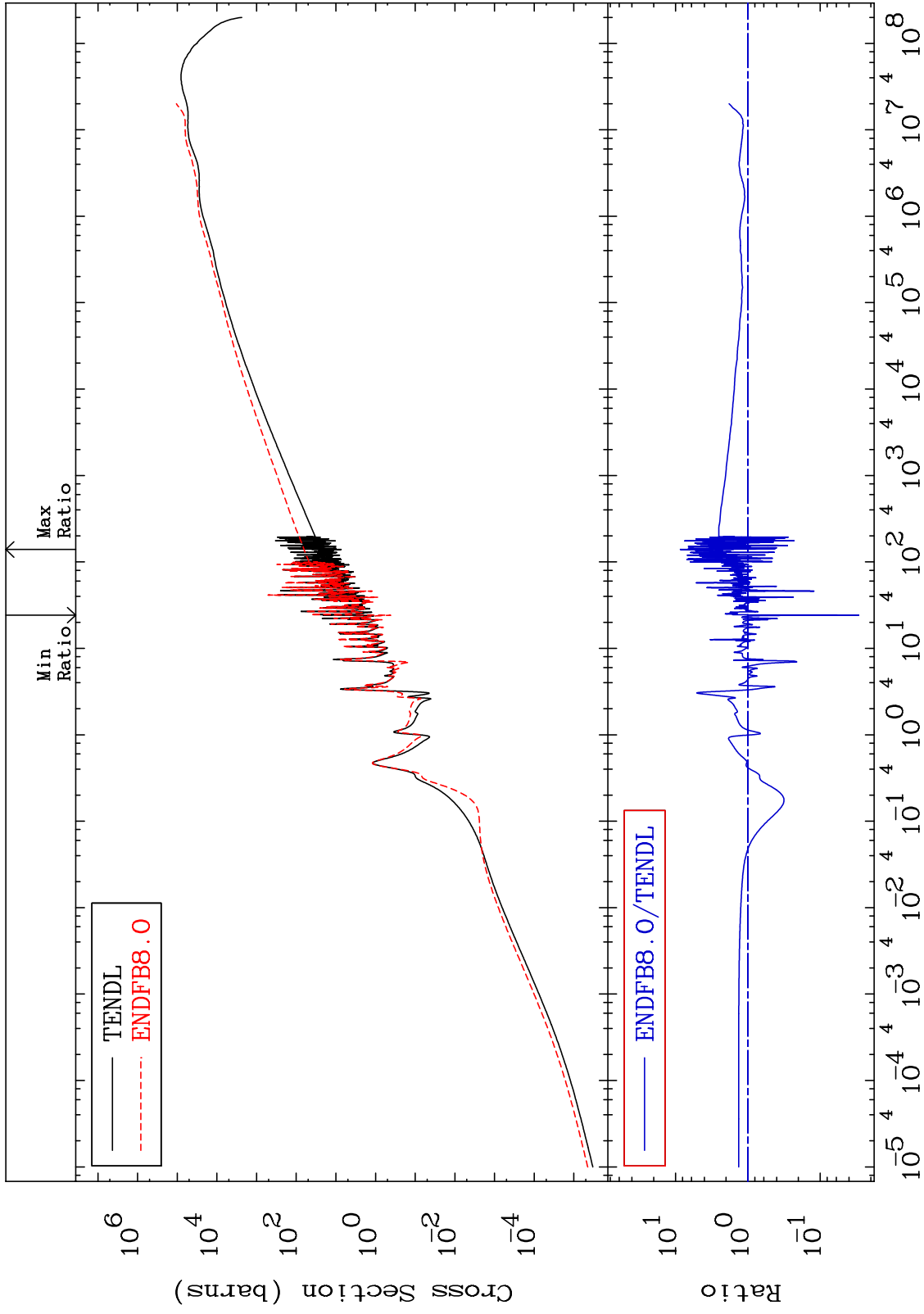


63-Eu-151  
 Incident Energy (eV)

MAT 6325

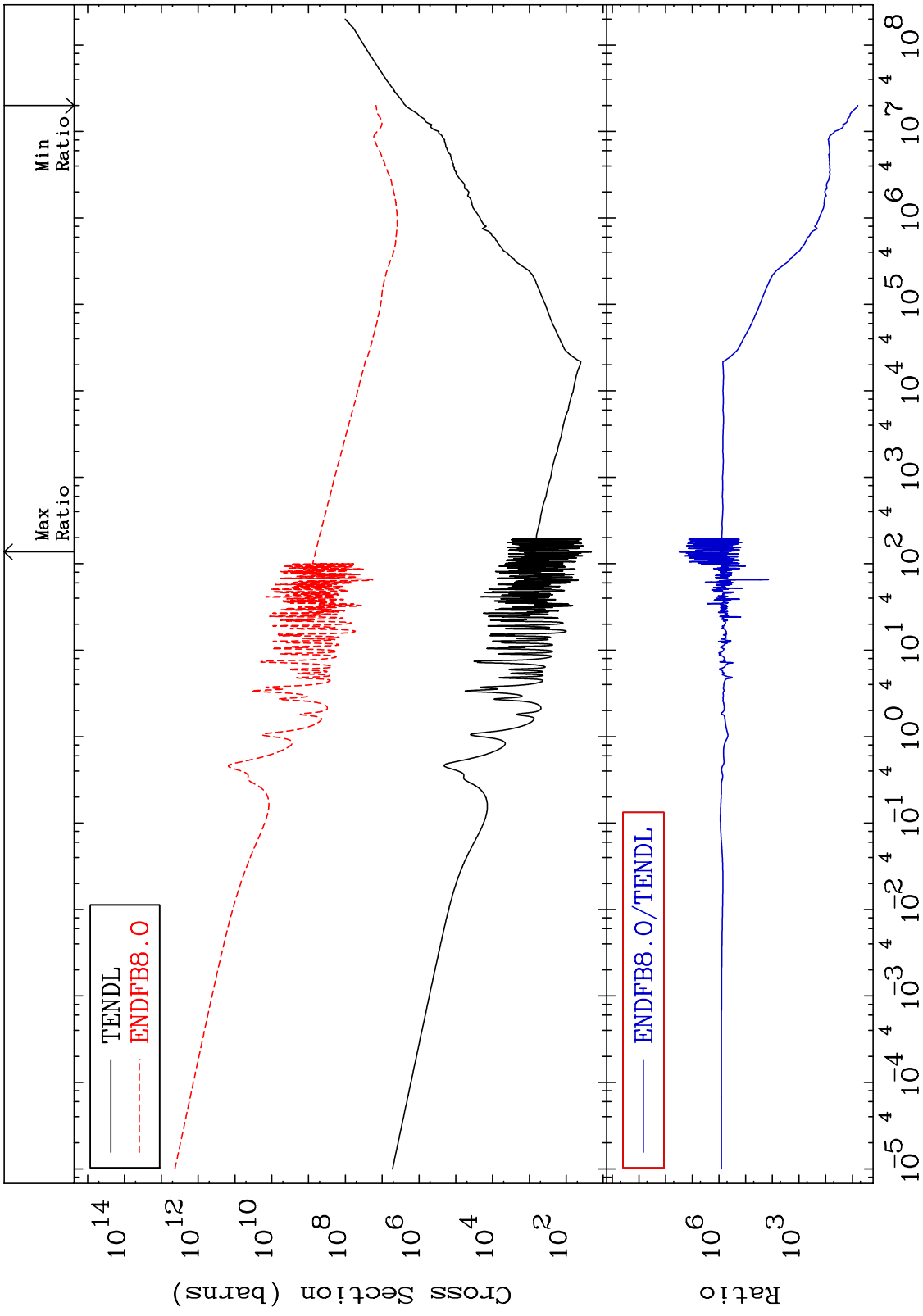
Kerma elastic  
Cross Section

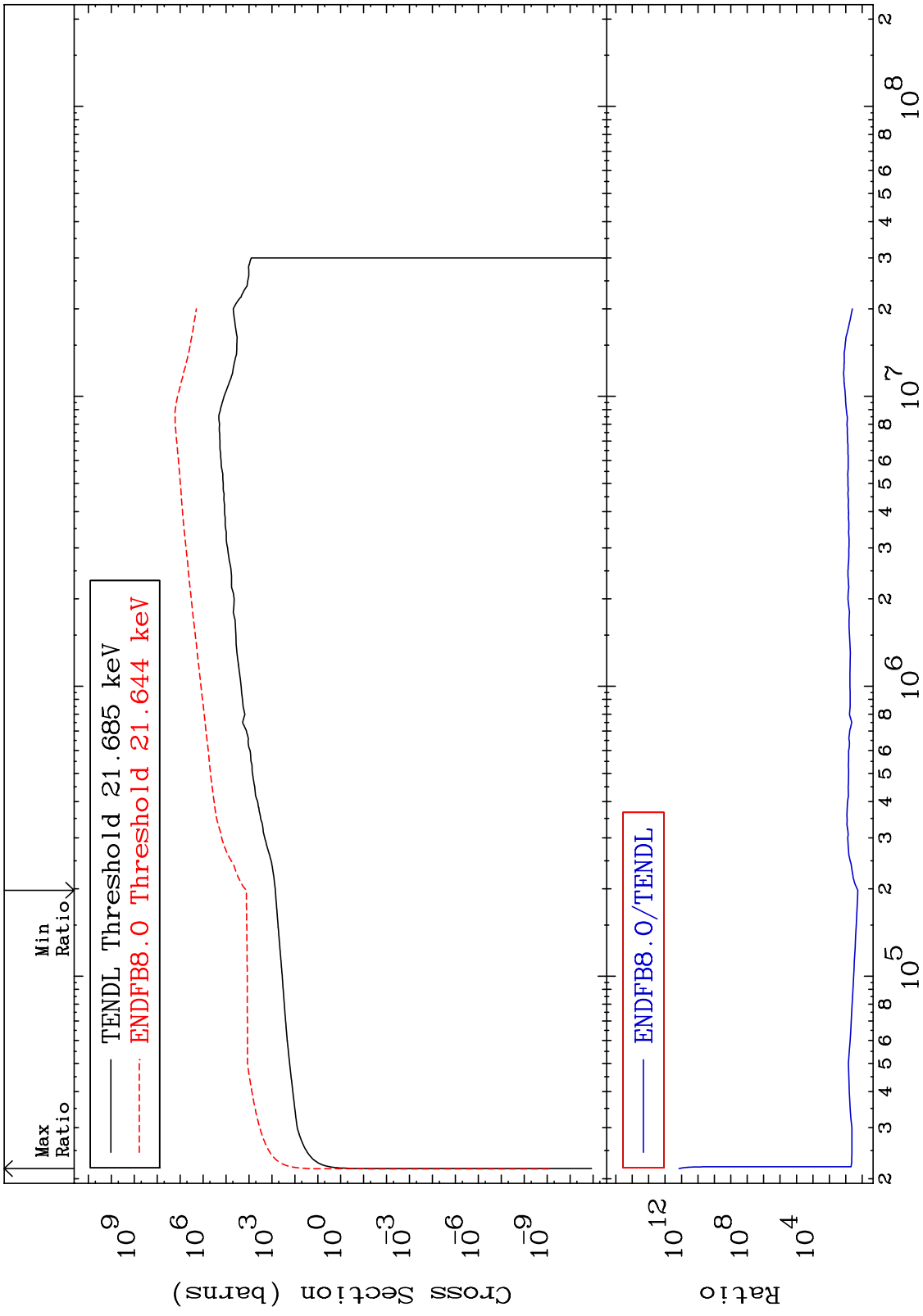
63-Eu-151  
-97.08 To 761.0 %





MAT 6325 Kerma non-elastic (all but mt2) 63-Eu-151  
 Cross Section 528.2 To 9999. %

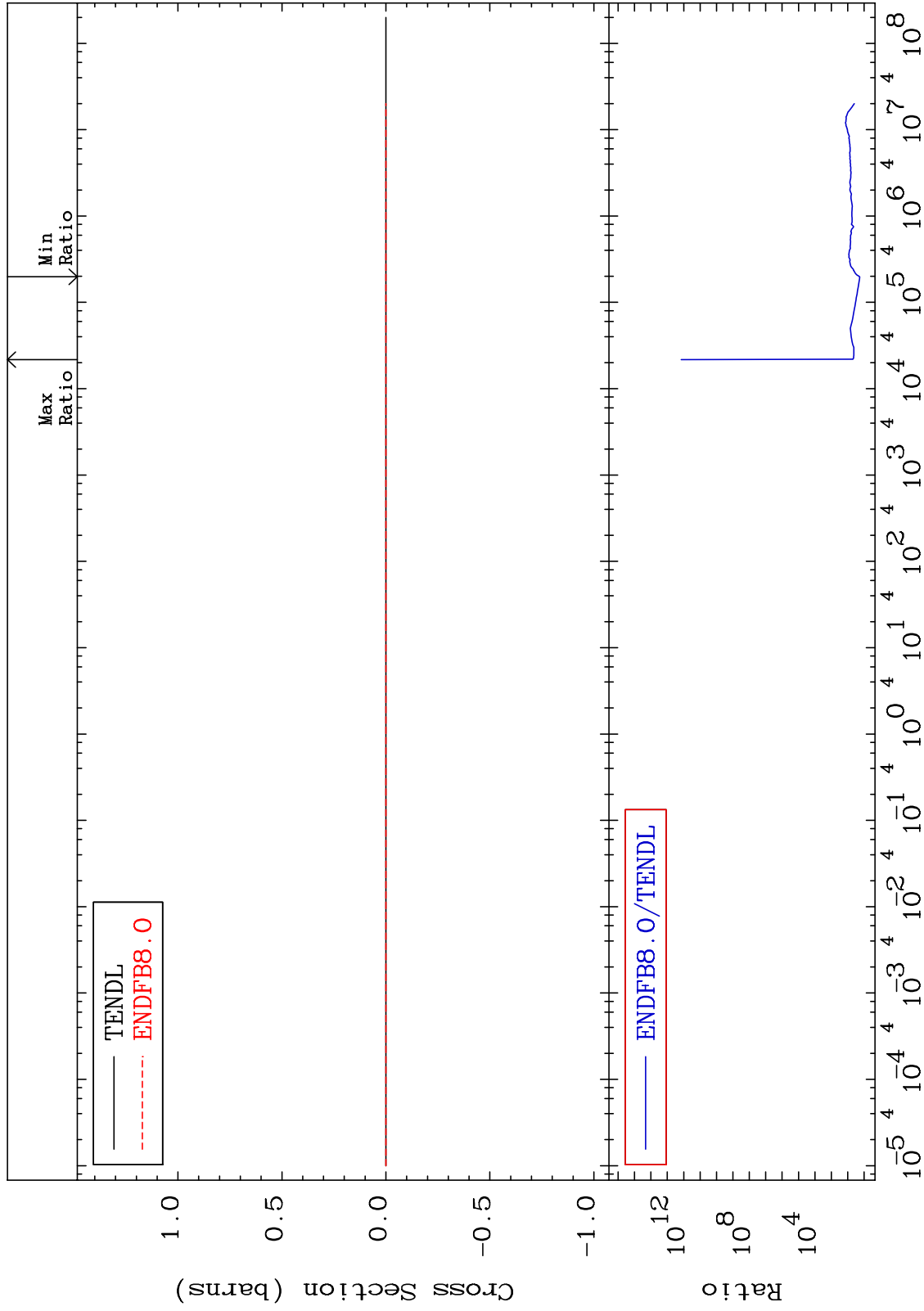




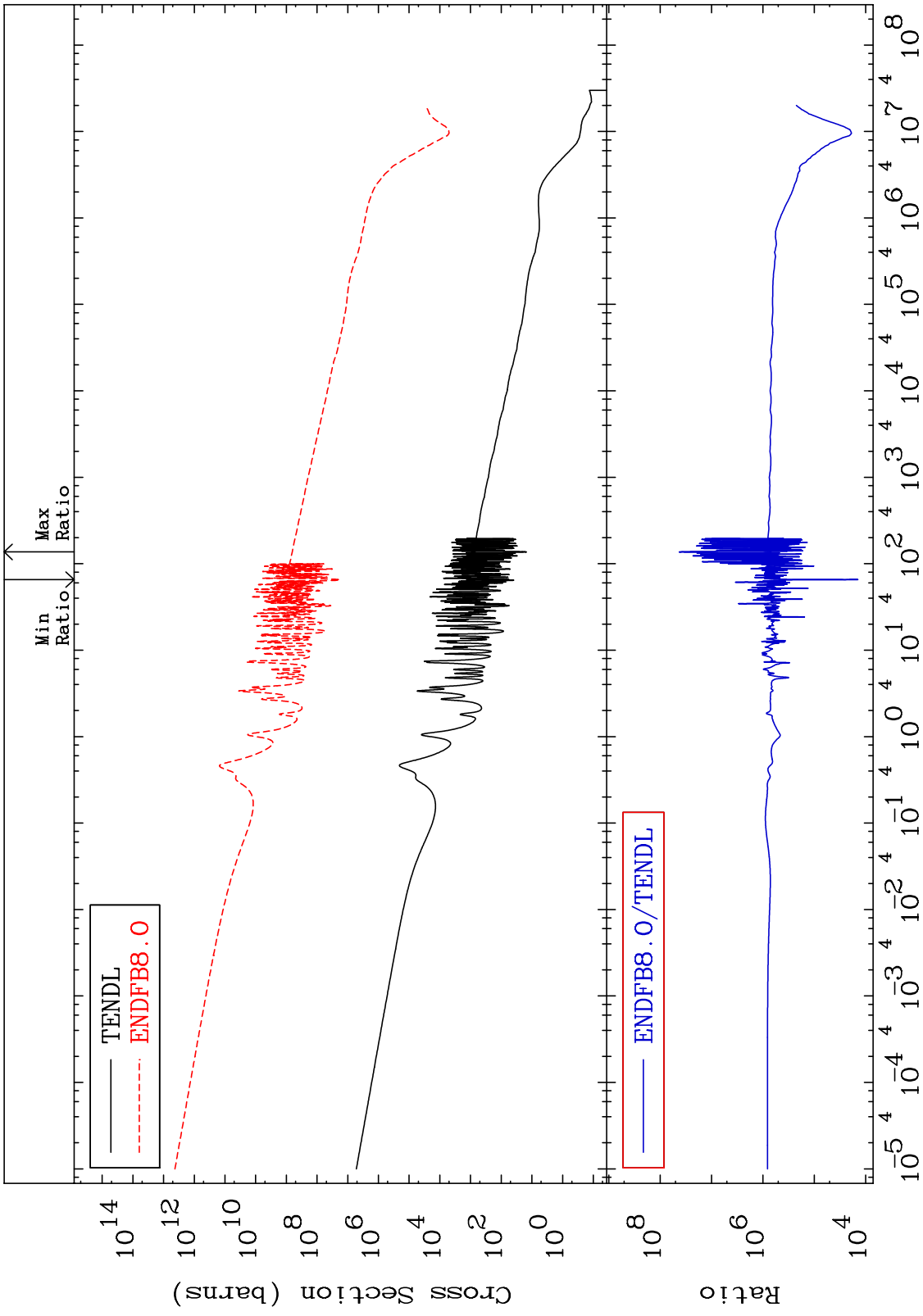
MAT 6325

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

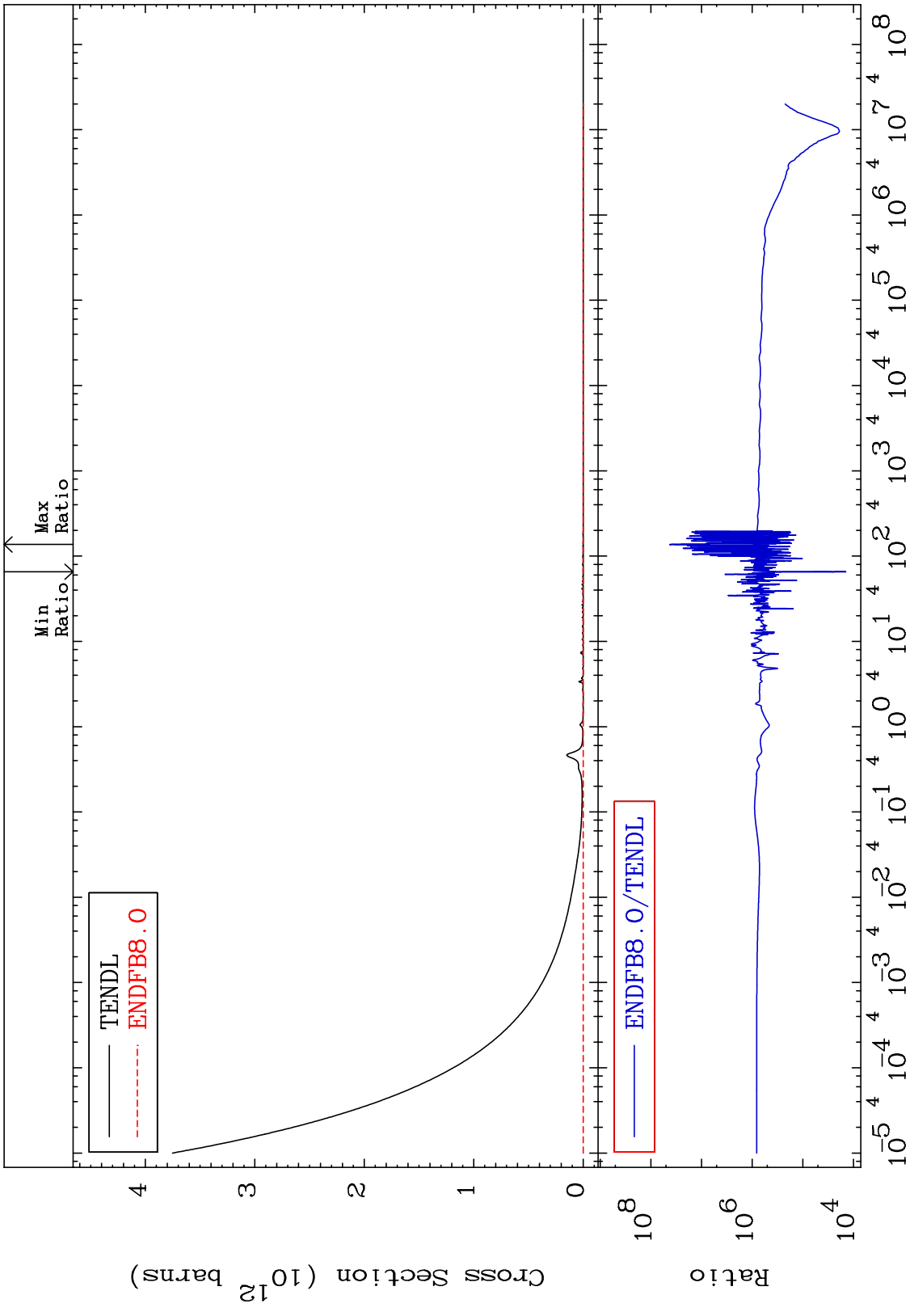
63-Eu-151  
1744. To 9999. %



MAT 6325 Kerma capture (mt102) 63-Eu-151 9999. To 9999. %

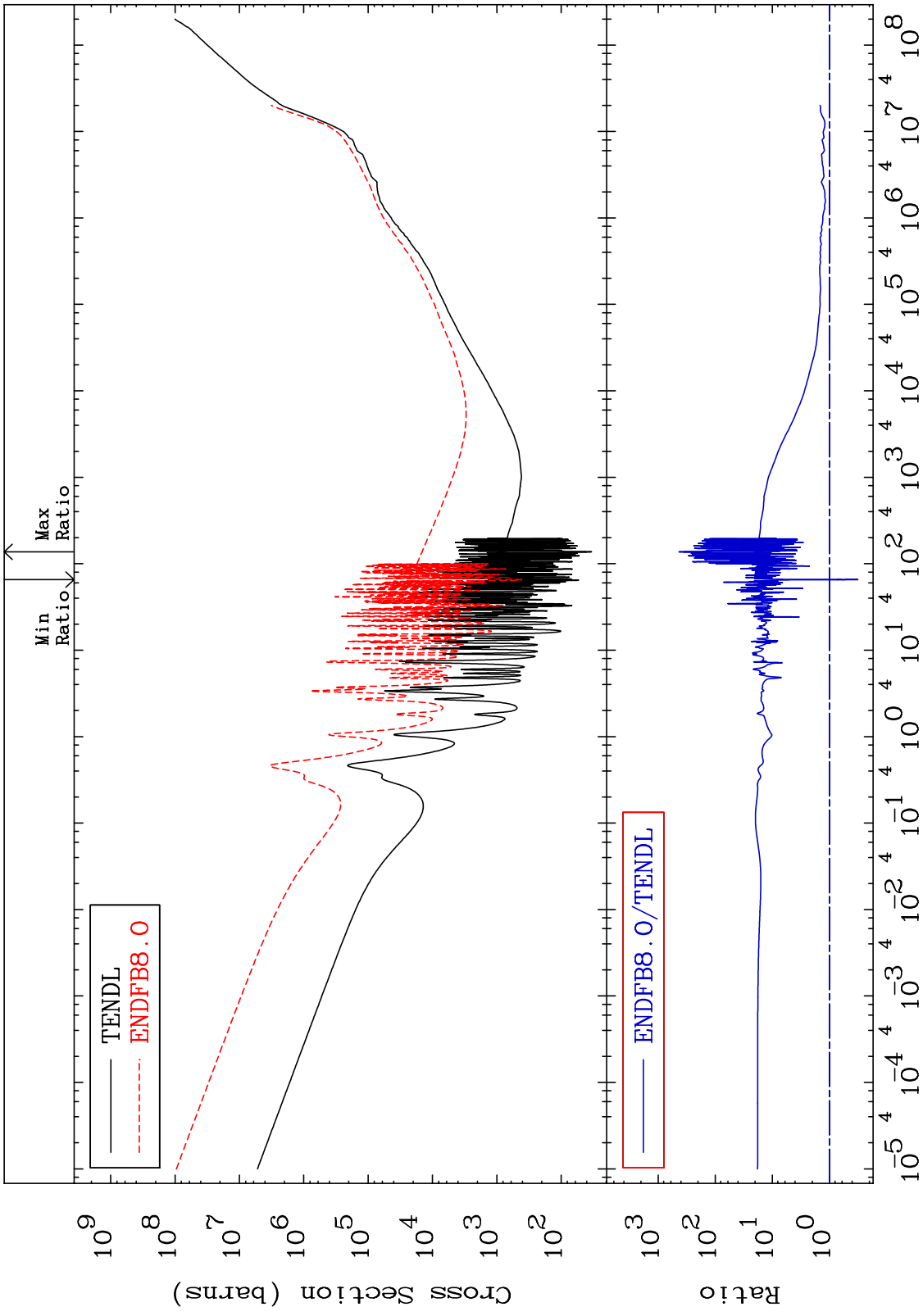


MAT 6325 Total photon (eV-barns) 63-Eu-151  
 Cross Section 9999. To 9999. %

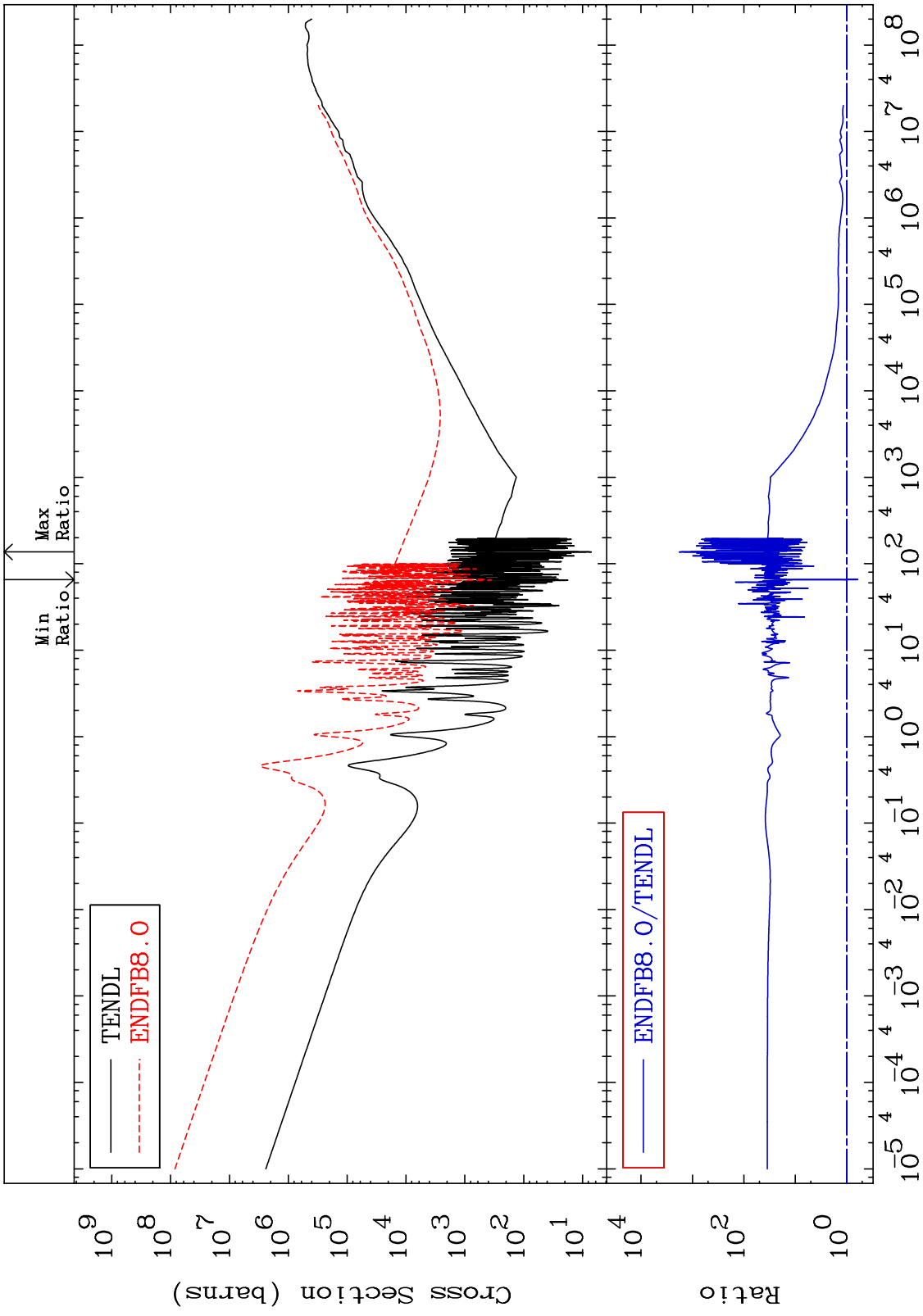


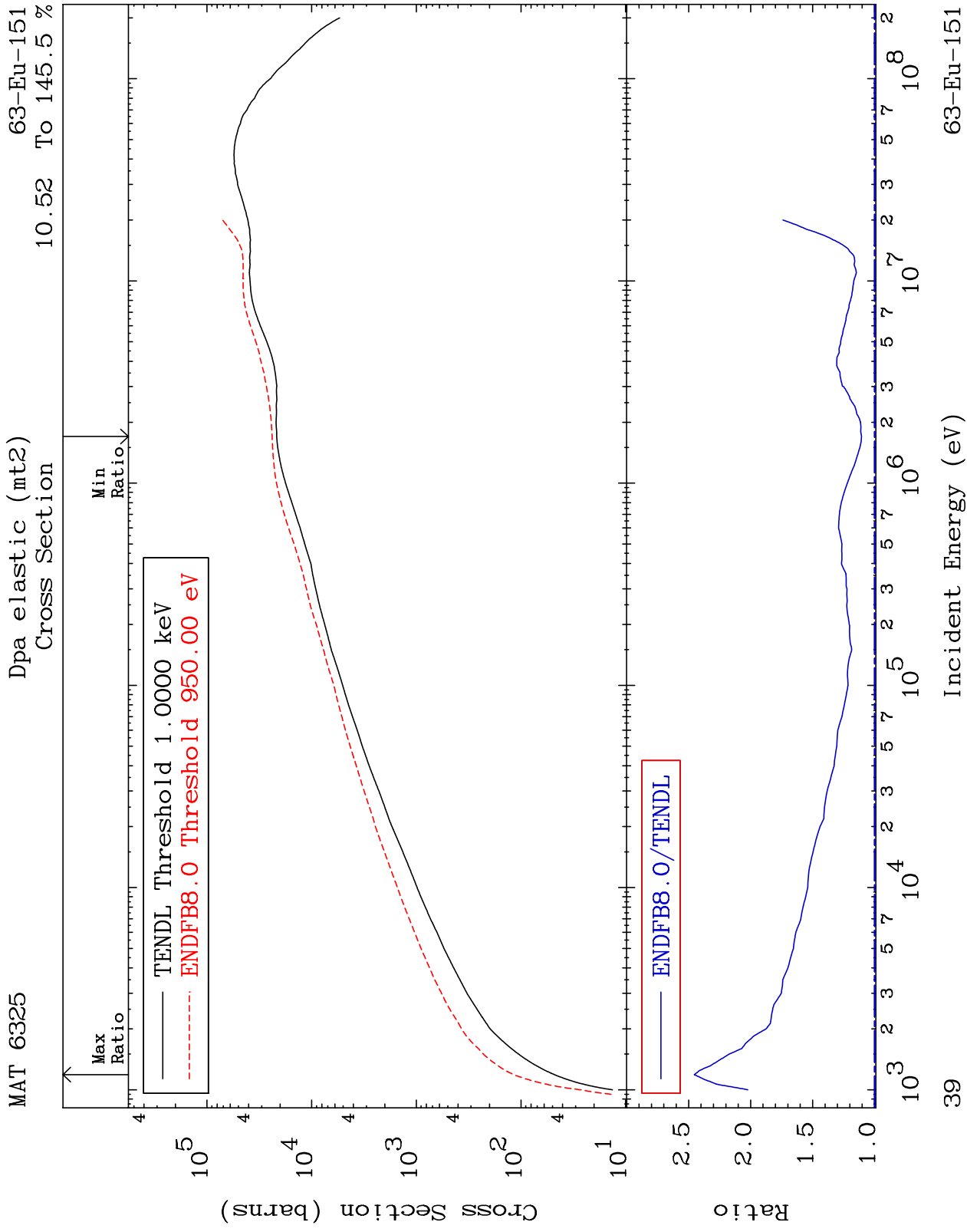
36 63-Eu-151

MAT 6325      Total kinematic kerma (high limit)      63-Eu-151  
 Cross Section      -68.21 To 9999. %



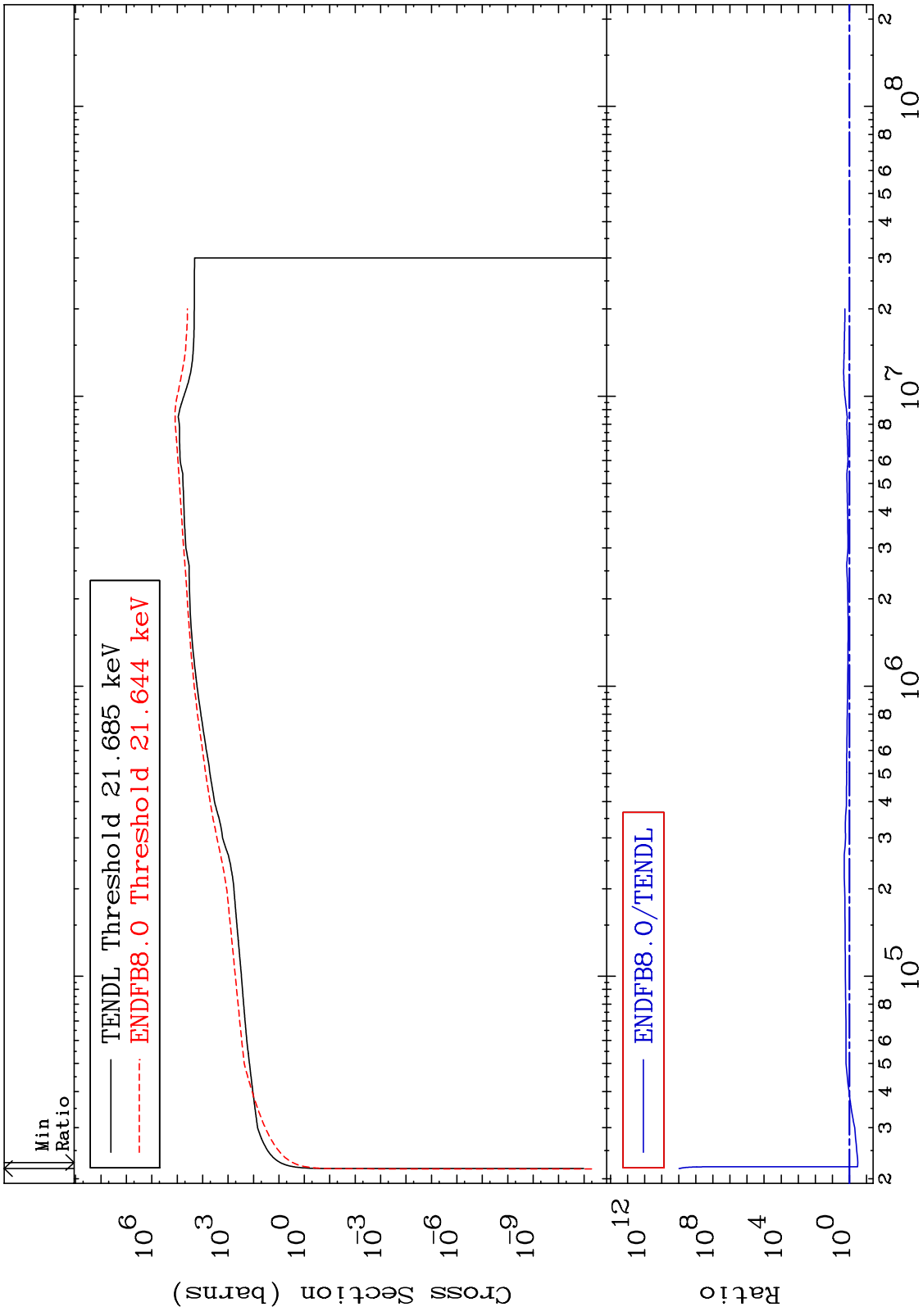
MAT 6325      Dpa total (eV-barns)      63-Eu-151  
 Cross Section      -39.03 To 9999. %







MAT 6325      Dpa inelastic (mt51-91)      63-Eu-151  
 Cross Section      -67.72 To 9999. %



MAT 6325      Dpa disappearance (mt102 -120)      63-Eu-151  
 Cross Section      -39.03 To 9999. %

