

Program Complot  
(Version 2018-1)

by

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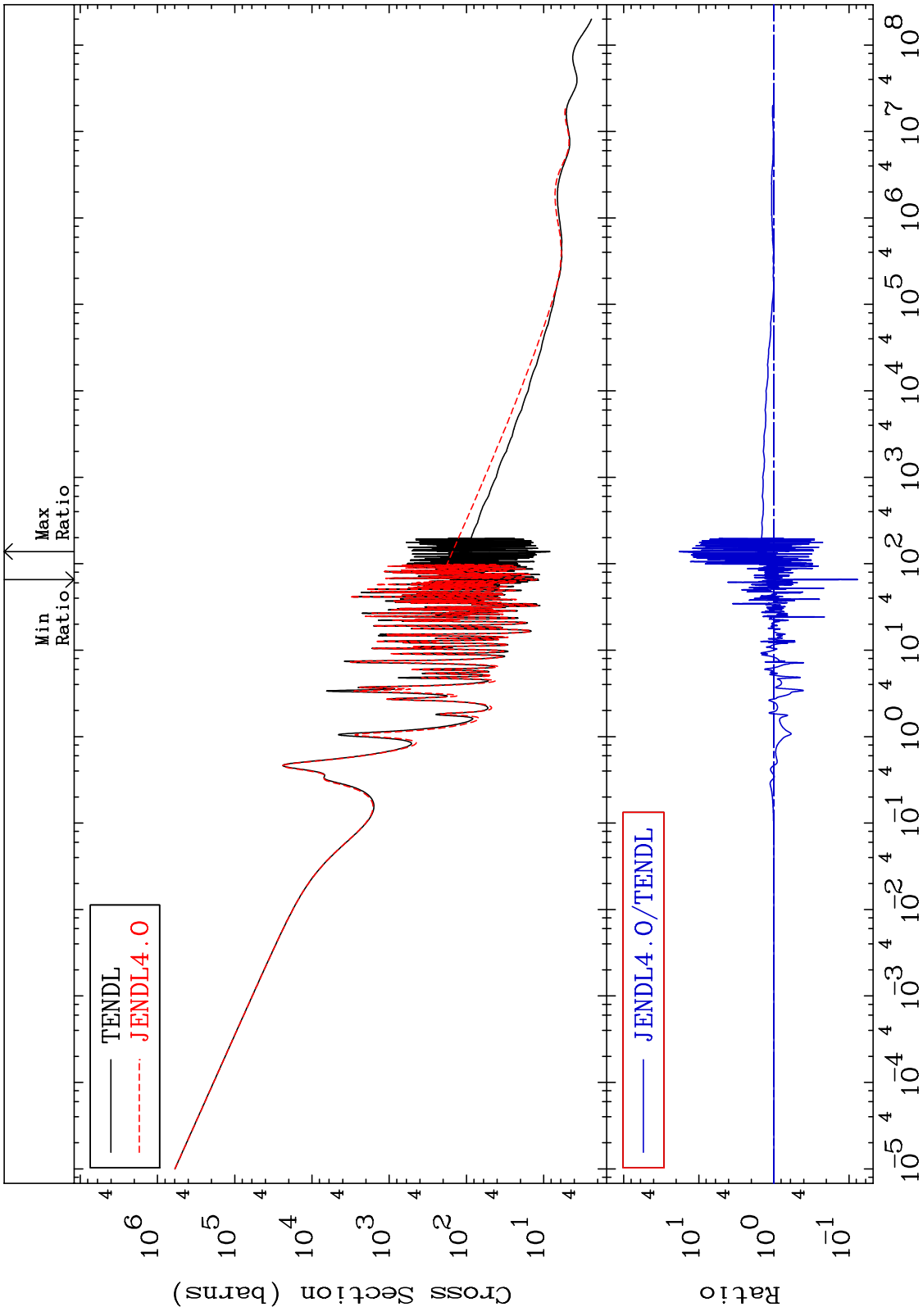
U.S.A.

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

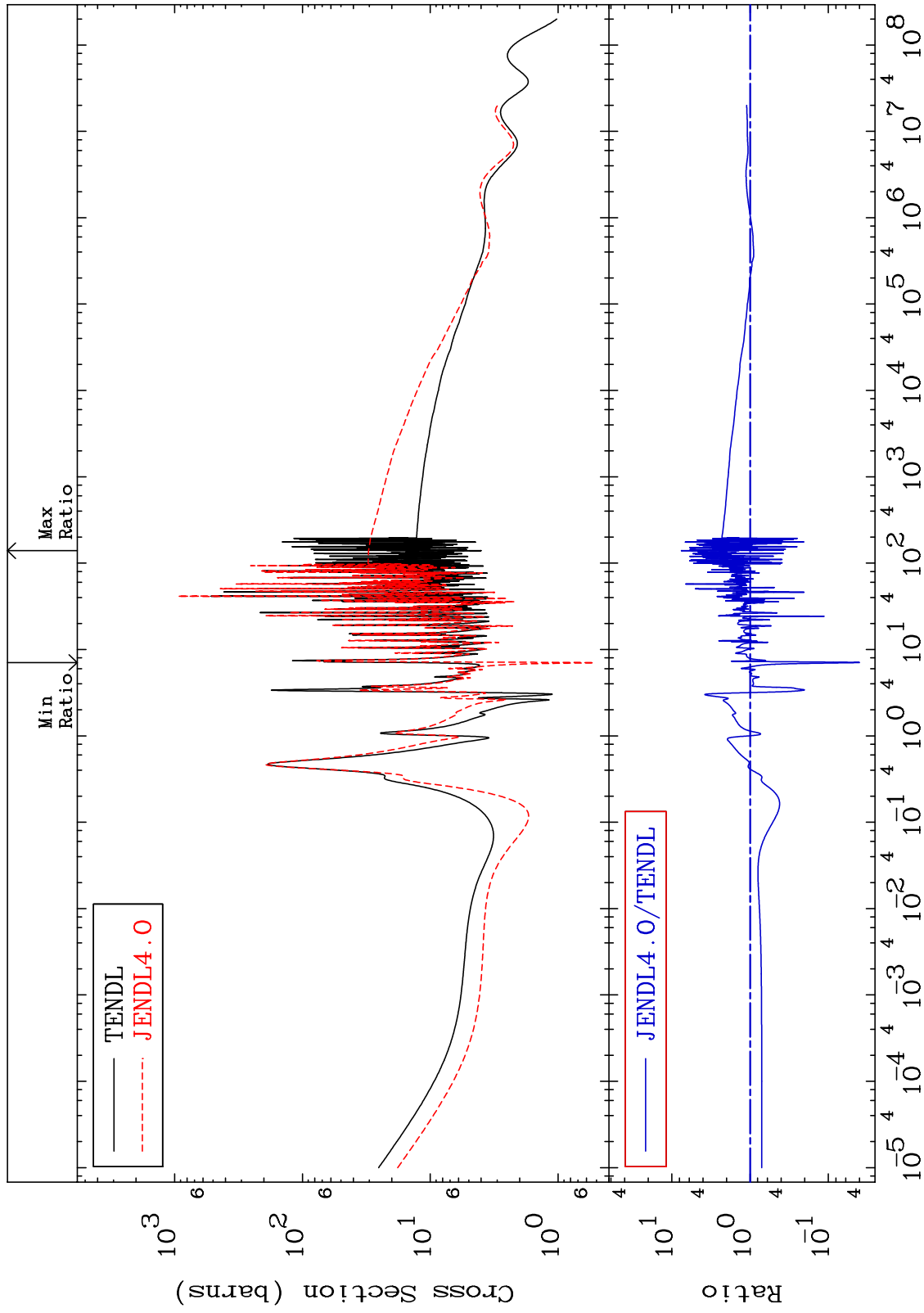
Press Mouse Button to Start

MAT 6325 63-Eu-151  
Total Cross Section -92.39 To 1735. %



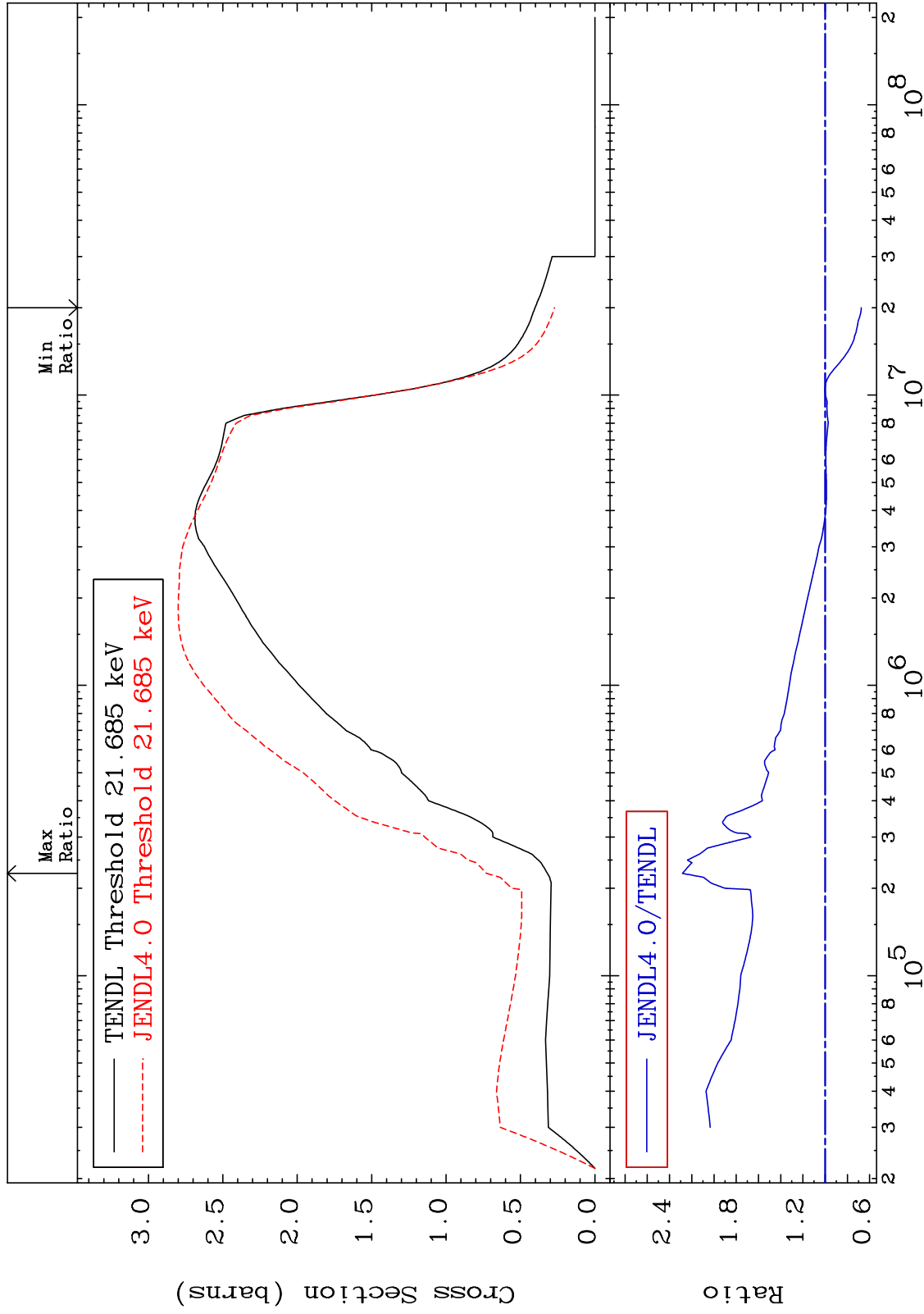
1 63-Eu-151

MAT 6325 Elastic Cross Section 63-Eu-151 -96.04 To 658.1 %

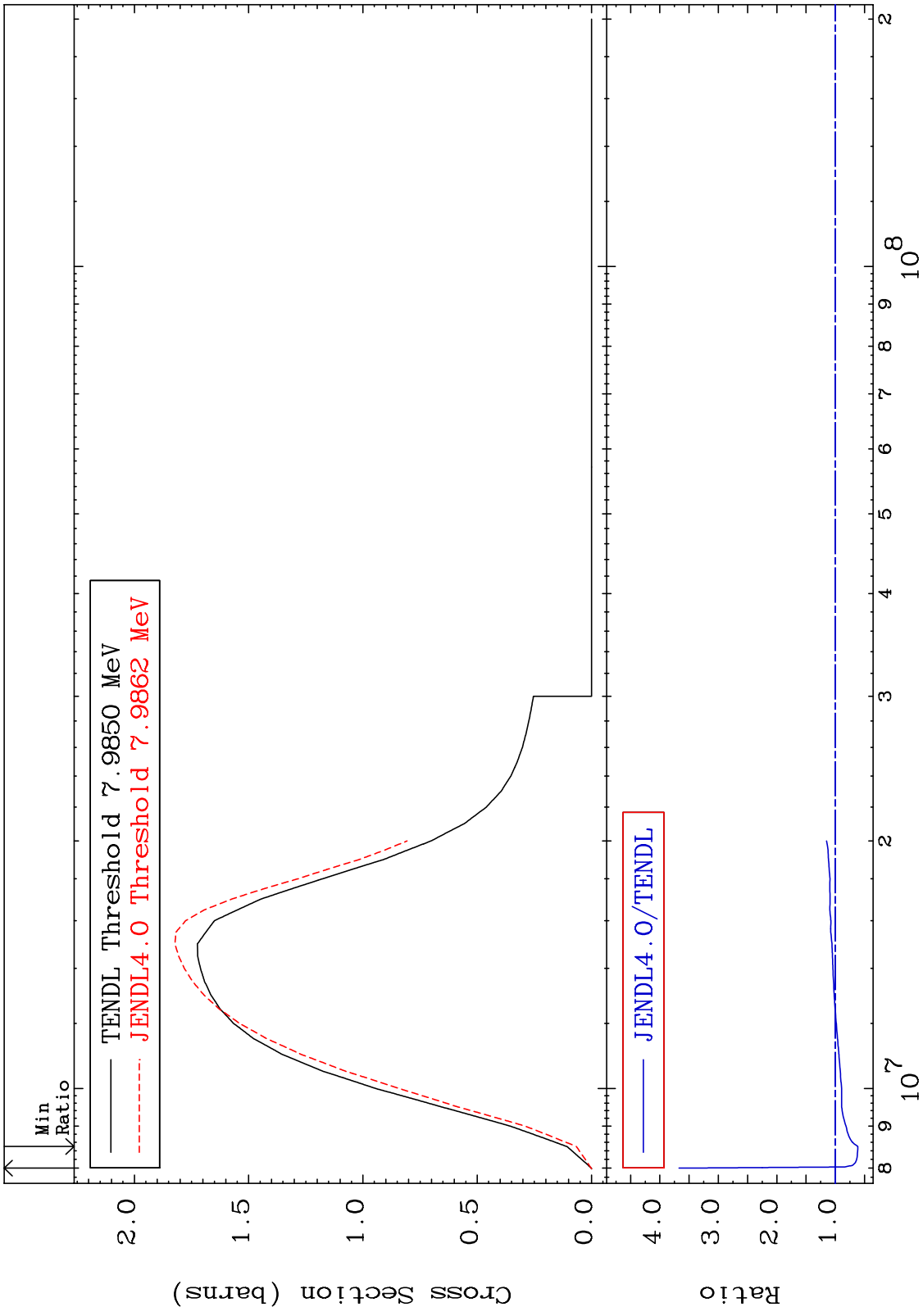


63-Eu-151

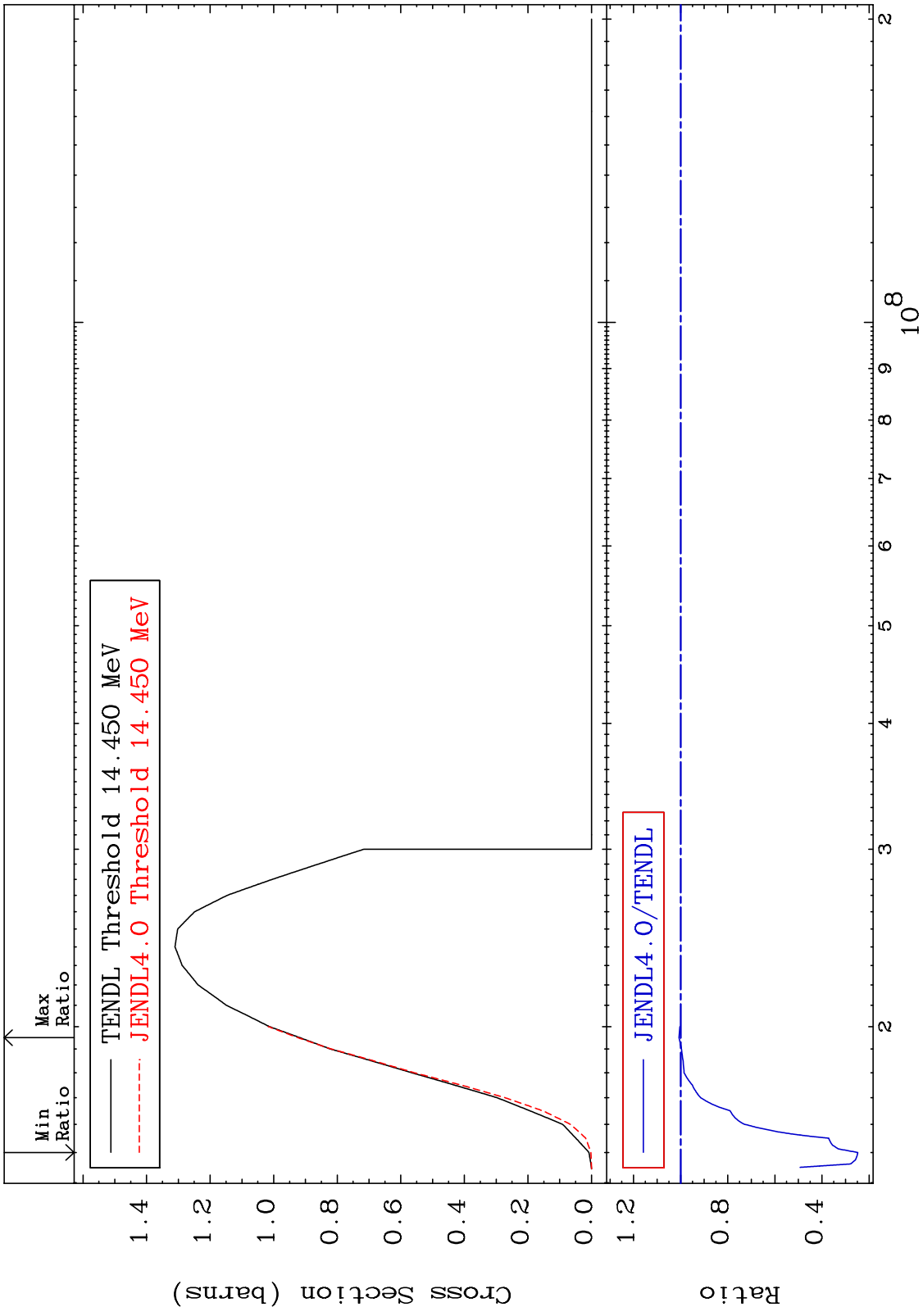
Incident Energy (eV)



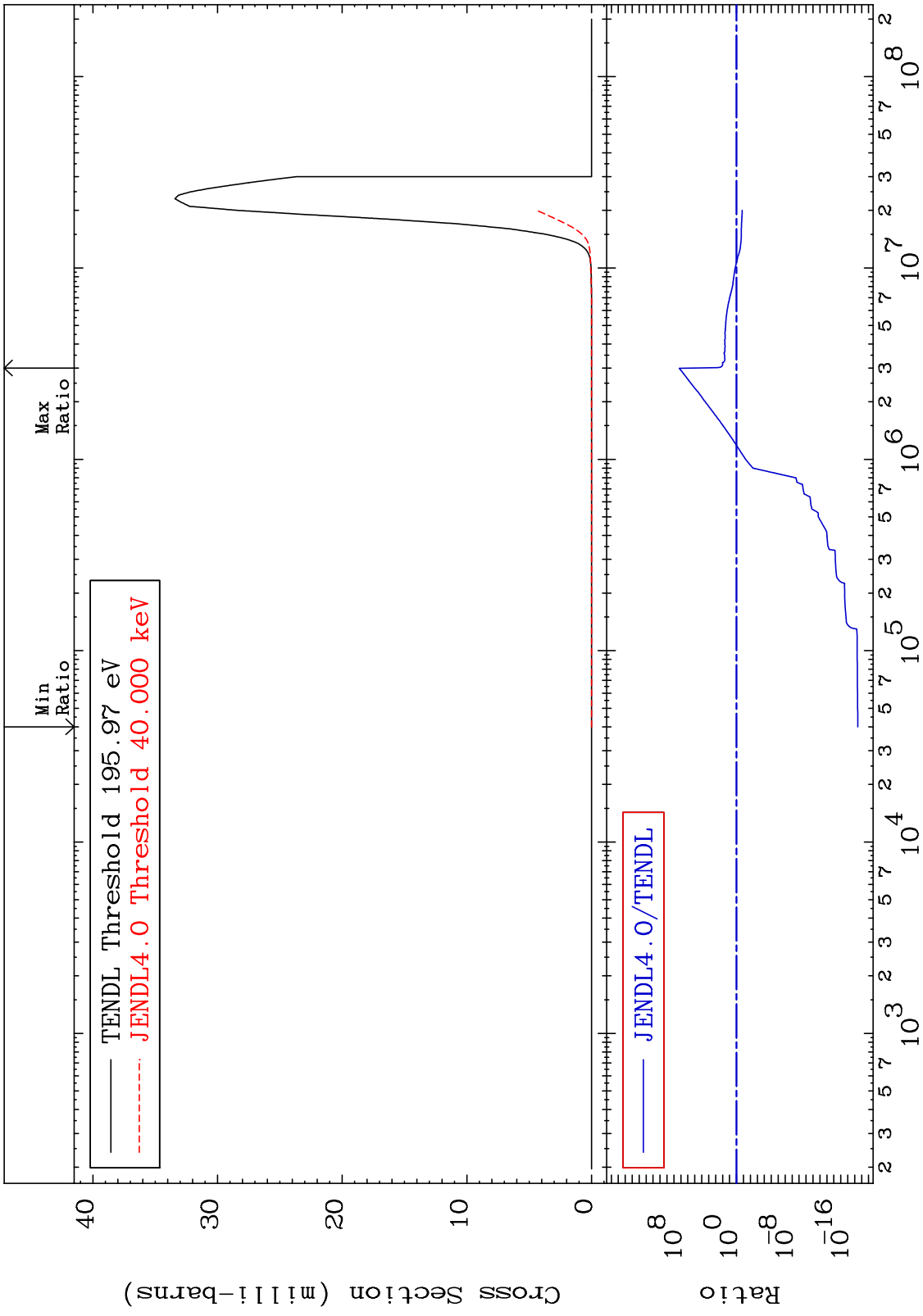
MAT 6325 (n,2n) Cross Section 63-Eu-151 -38.54 To 267.1 %



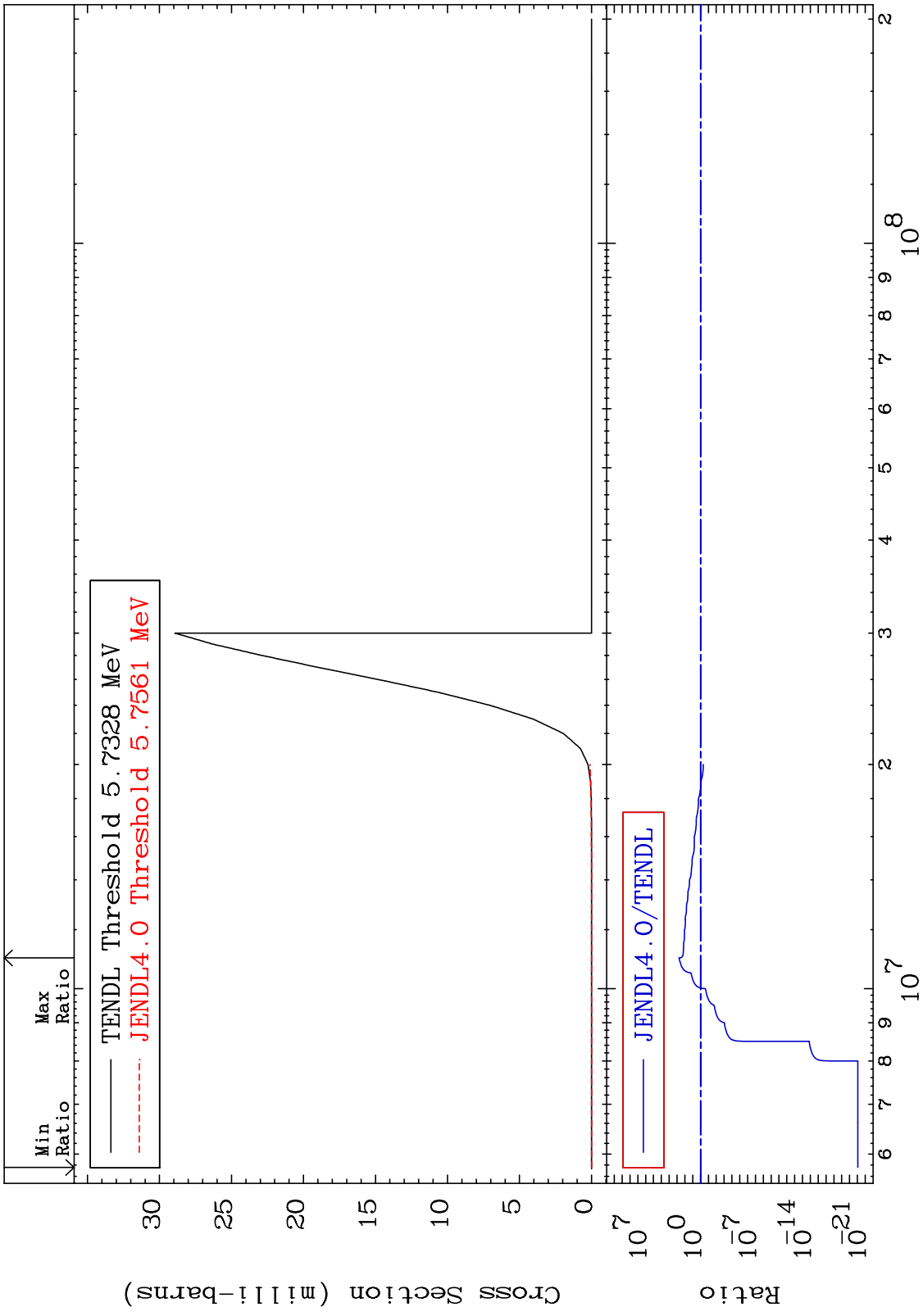
MAT 6325 (n,3n) Cross Section 63-Eu-151 -75.24 To 0.687 %



MAT 6325  $^{63}\text{Eu}-151$   $(n, n') \alpha$  Cross Section -100.0 To 9999. %



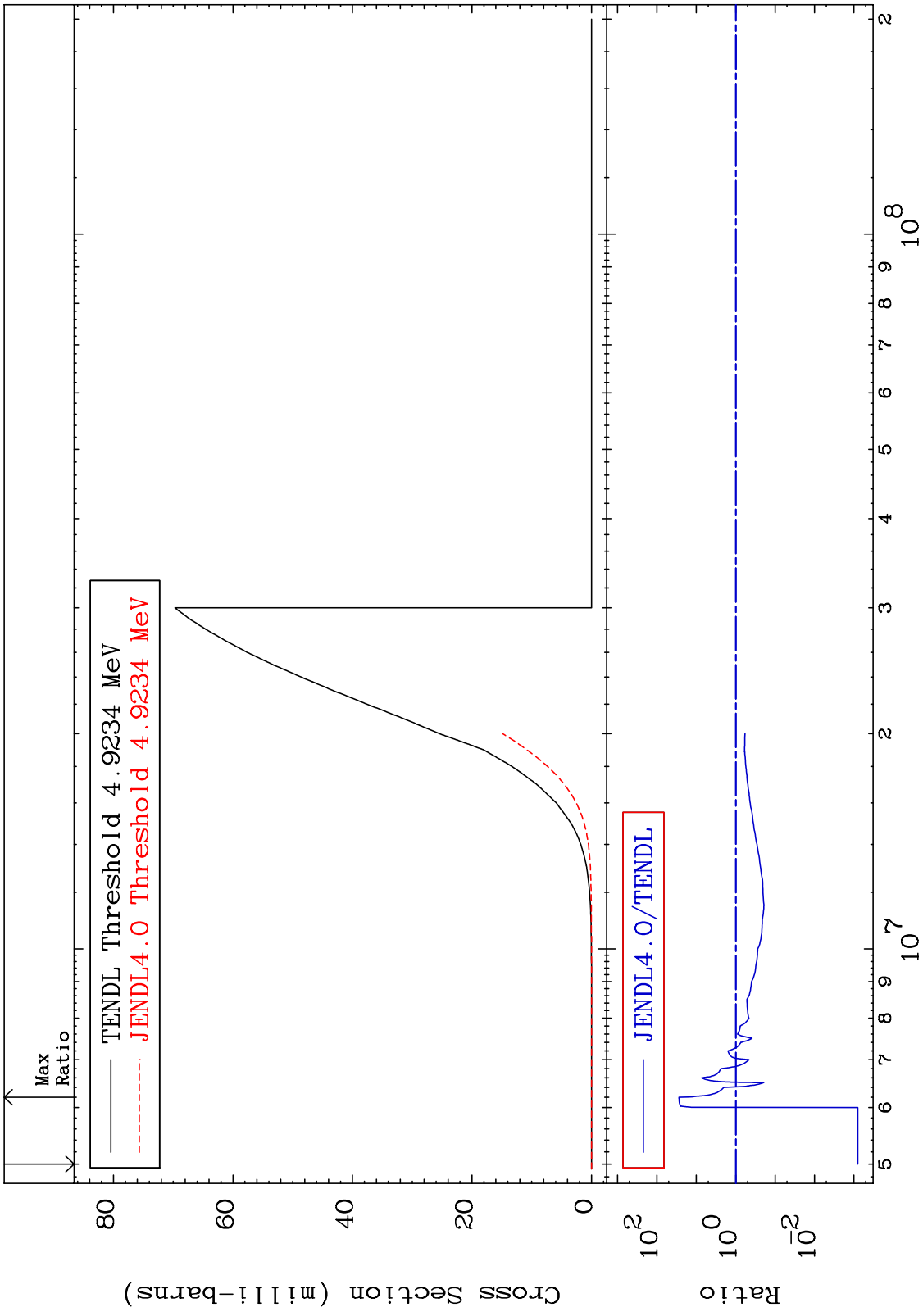
MAT 6325  $^{63}\text{Eu-151}$   $(n,2n) \alpha$   $^{63}\text{Eu-151}$   
 Cross Section -100.0 To 9999. %

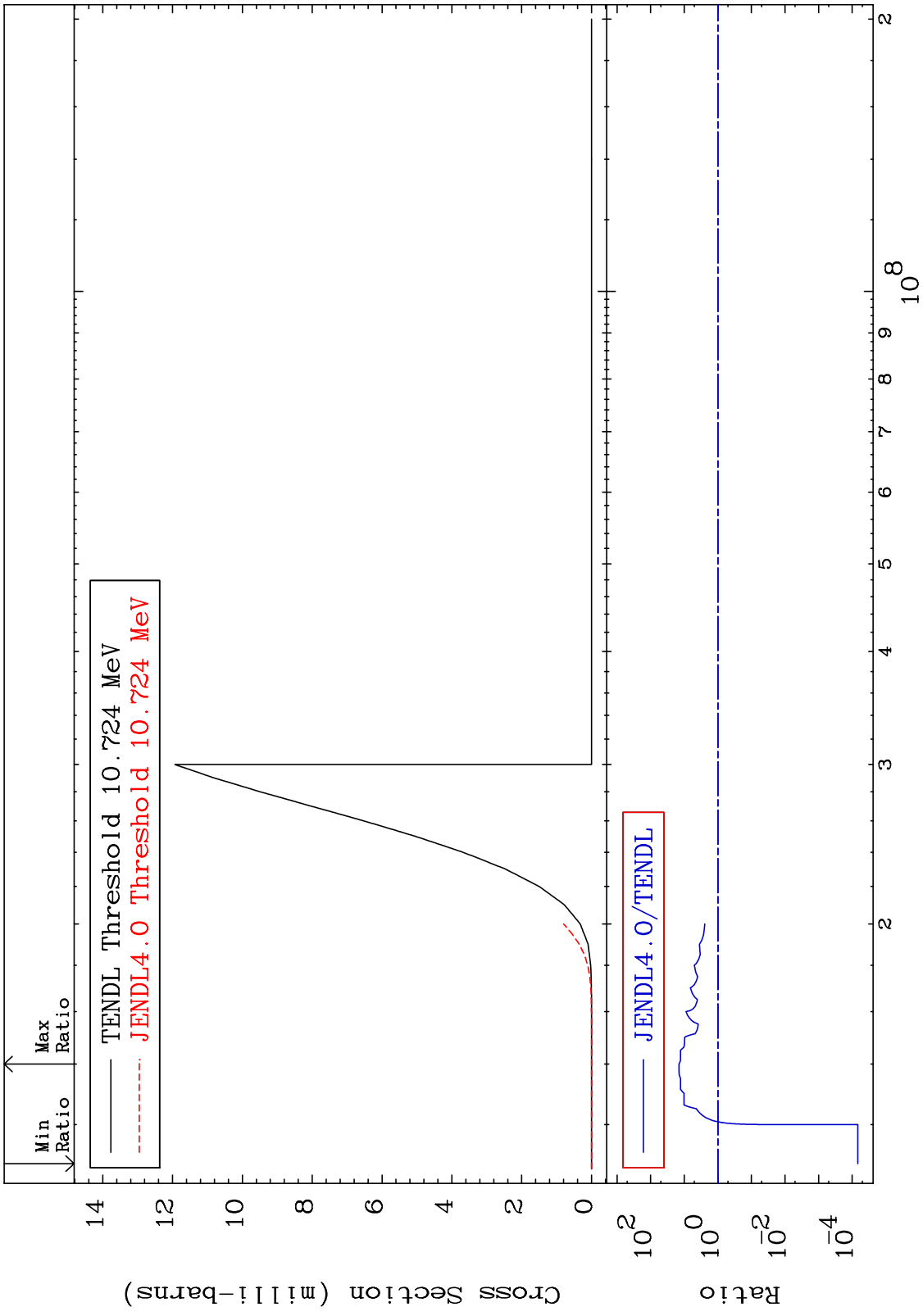


7 Incident Energy (eV)  $^{63}\text{Eu-151}$

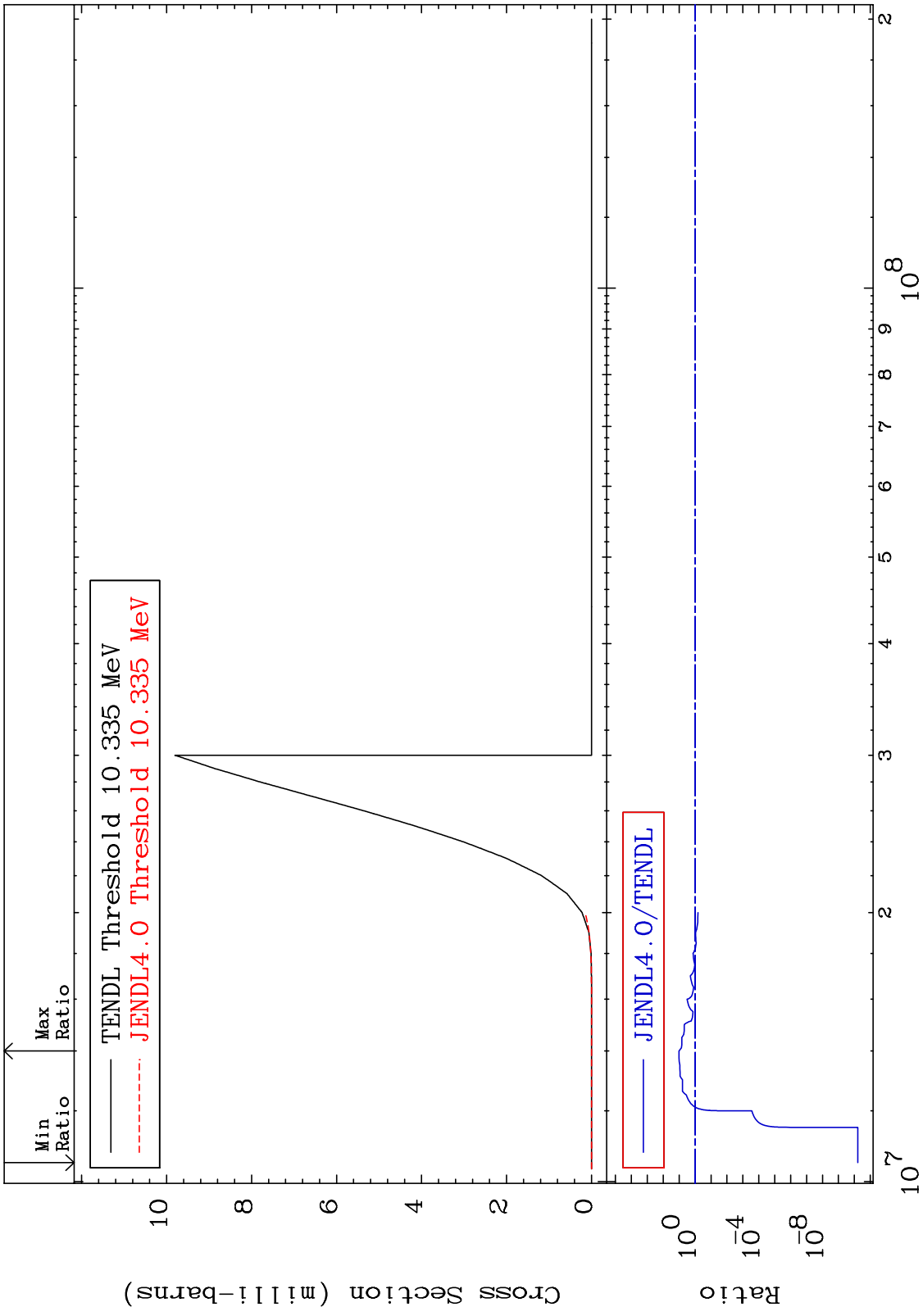


MAT 6325 (n,n') p 63-Eu-151 -99.92 To 2647. %  
 Cross Section



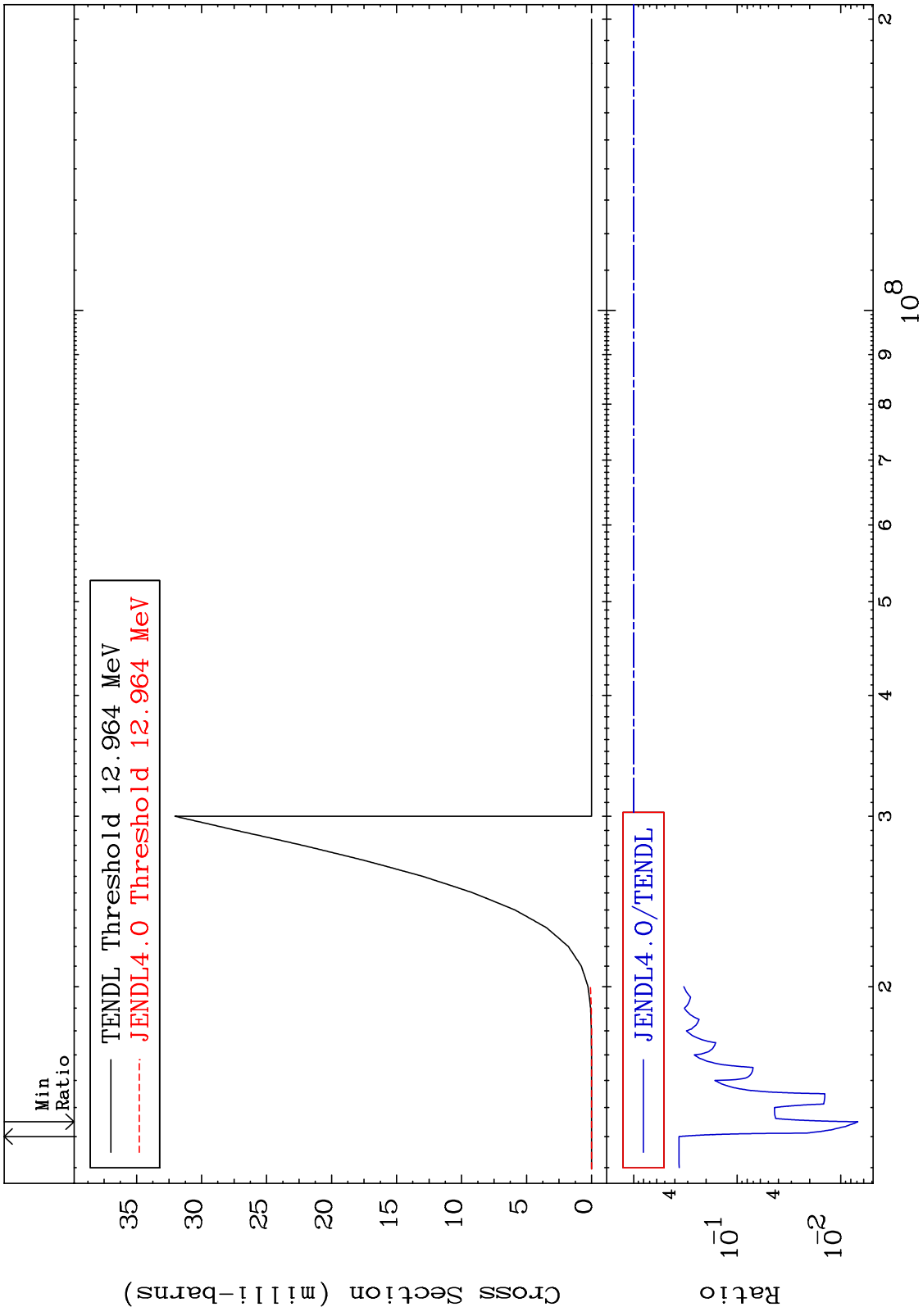


MAT 6325 (n,n') t 63-Eu-151  
Cross Section -100.0 To 918.0 %

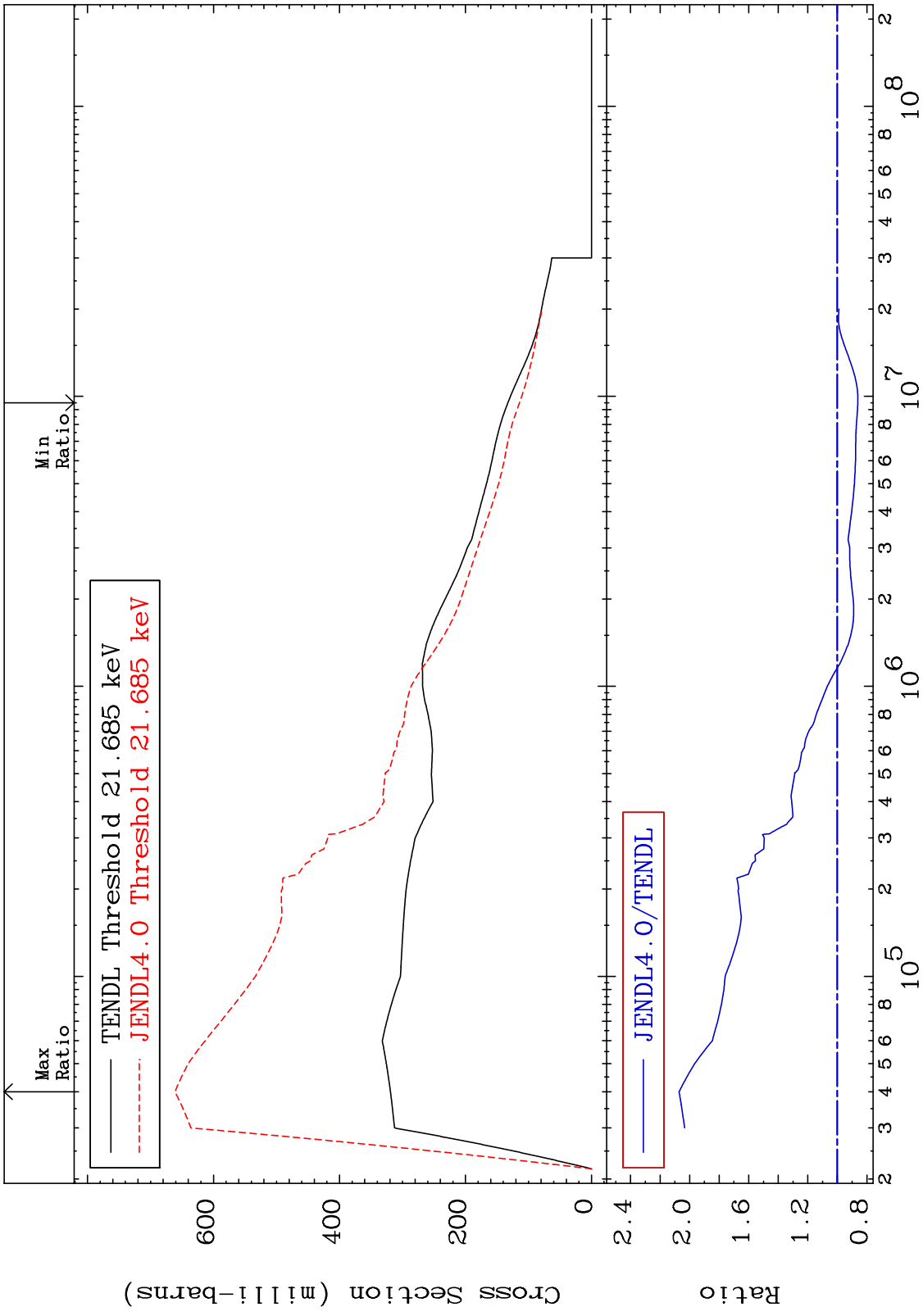


63-Eu-151

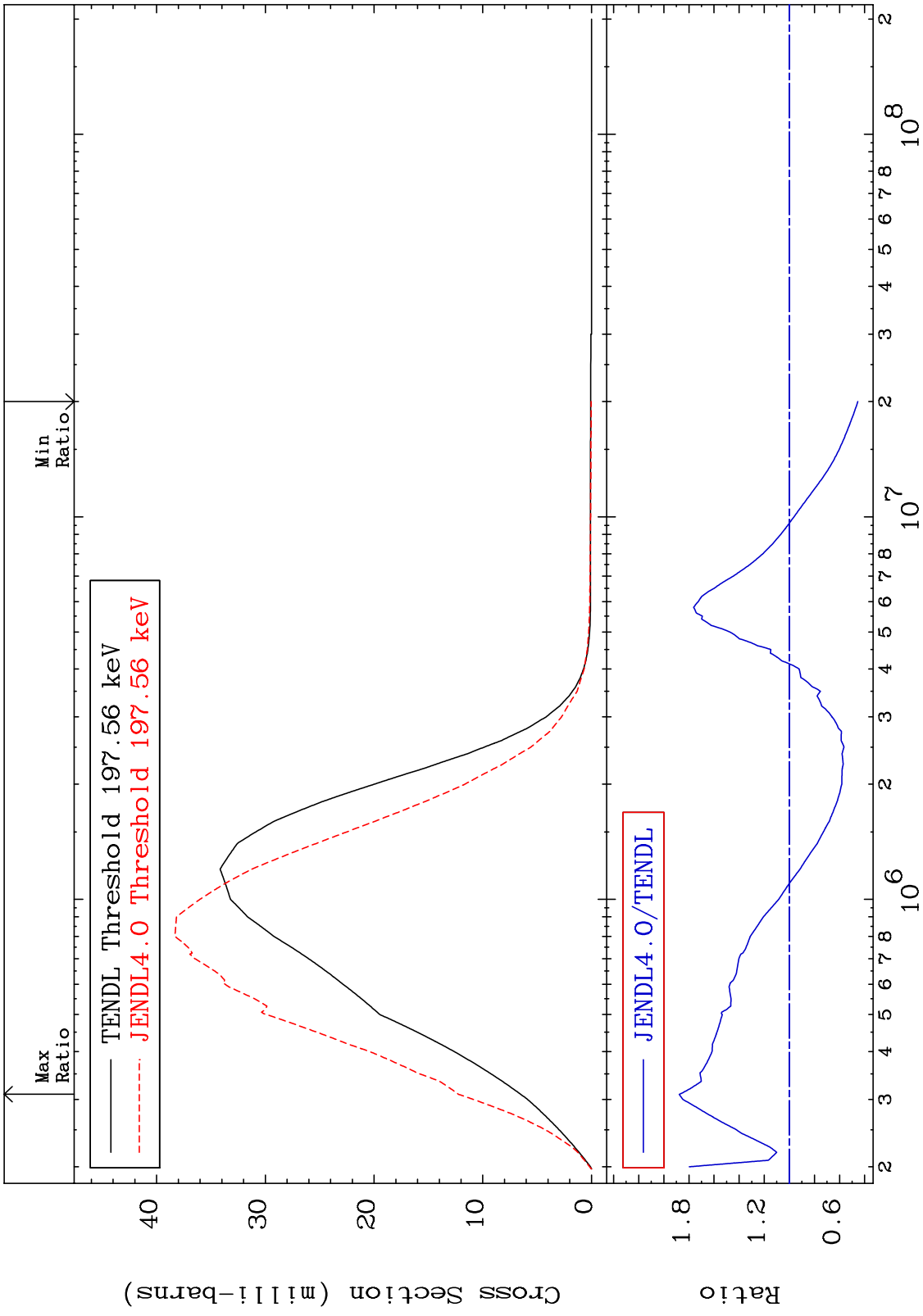
MAT 6325 (n,2n) p 63-Eu-151  
 Cross Section -99.32 To -63.56%



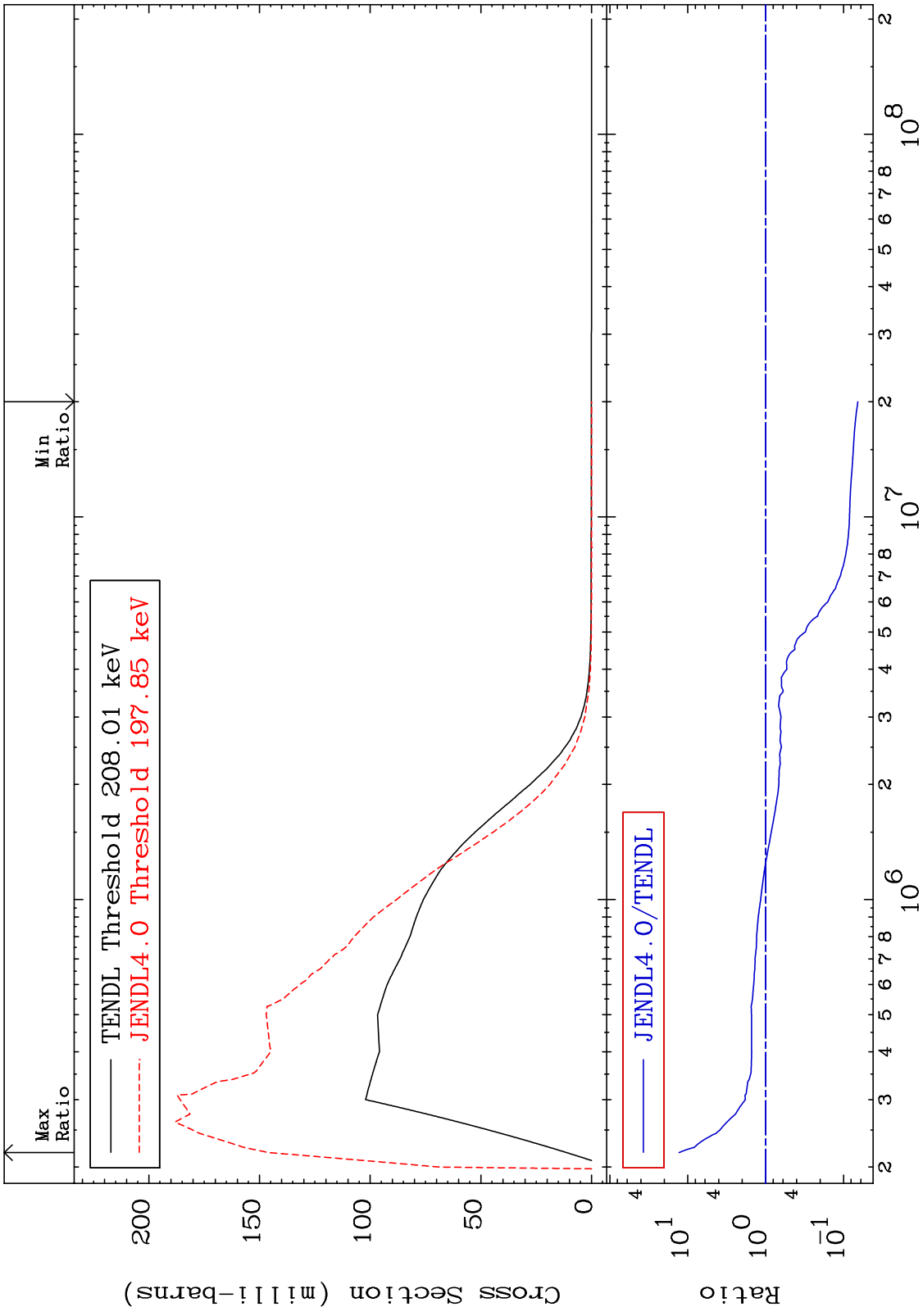
MAT 6325 MT= 51 (n,n') Level Cross Section 63-Eu-151 -13.88 To 107.2 %



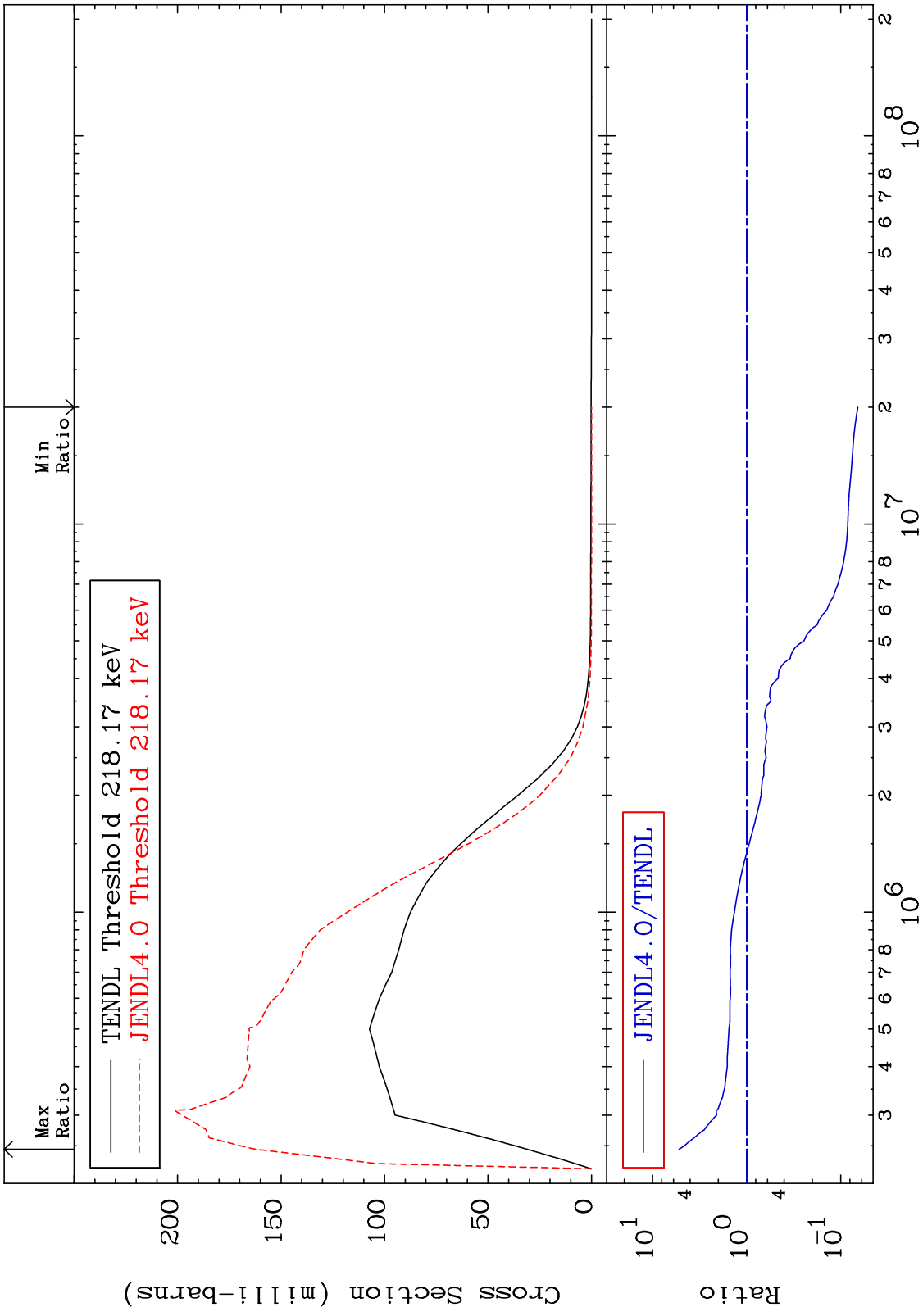
MAT 6325 MT= 52 (n,n') Level Cross Section 63-Eu-151  
 -54.57 To 87.87 %



MAT 6325 MT= 53 (n,n') Level Cross Section 63-Eu-151  
 -93.45 To 1194. %



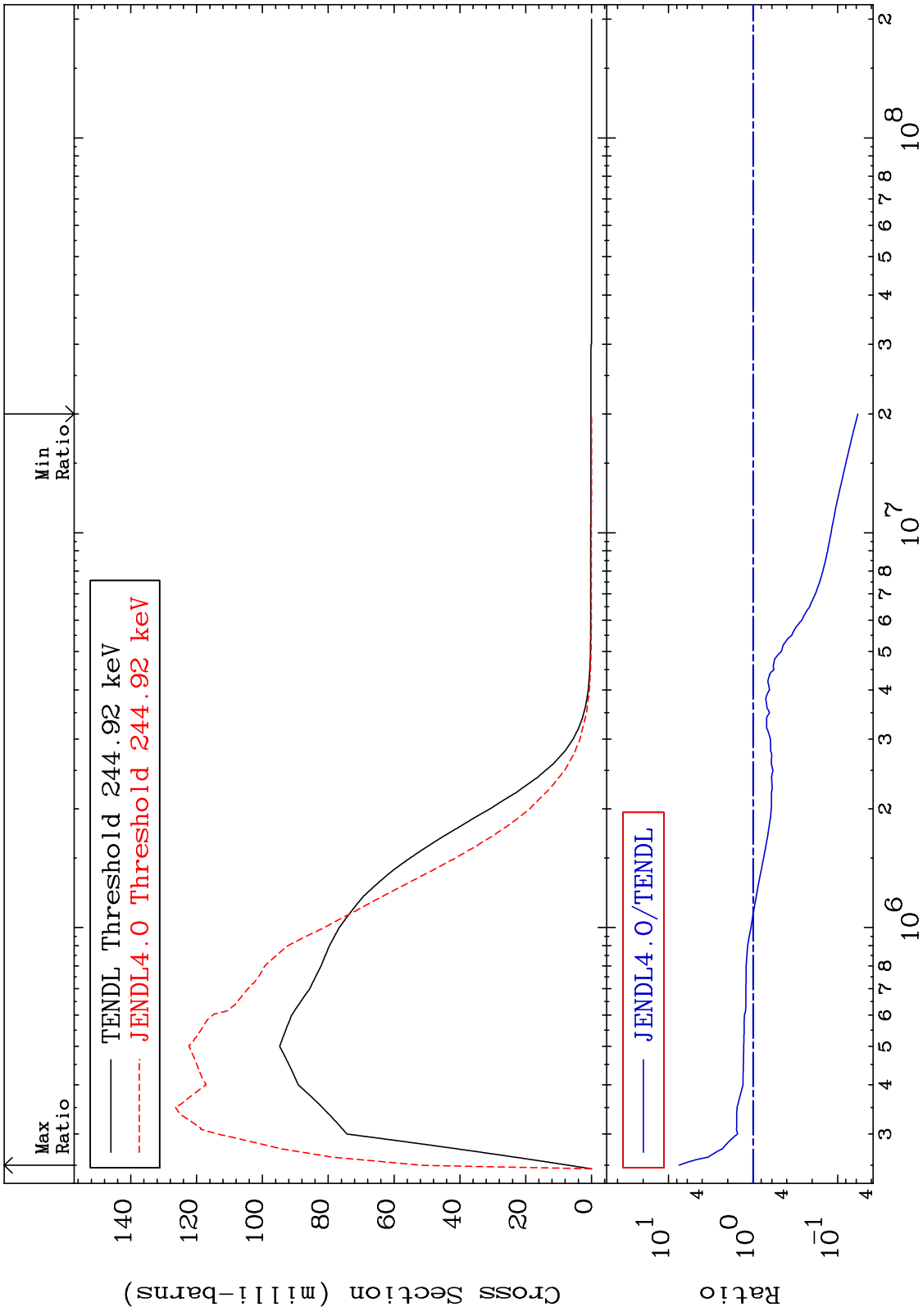
MAT 6325 MT= 54 (n,n') Level Cross Section 63-Eu-151 -93.42 To 423.2 %



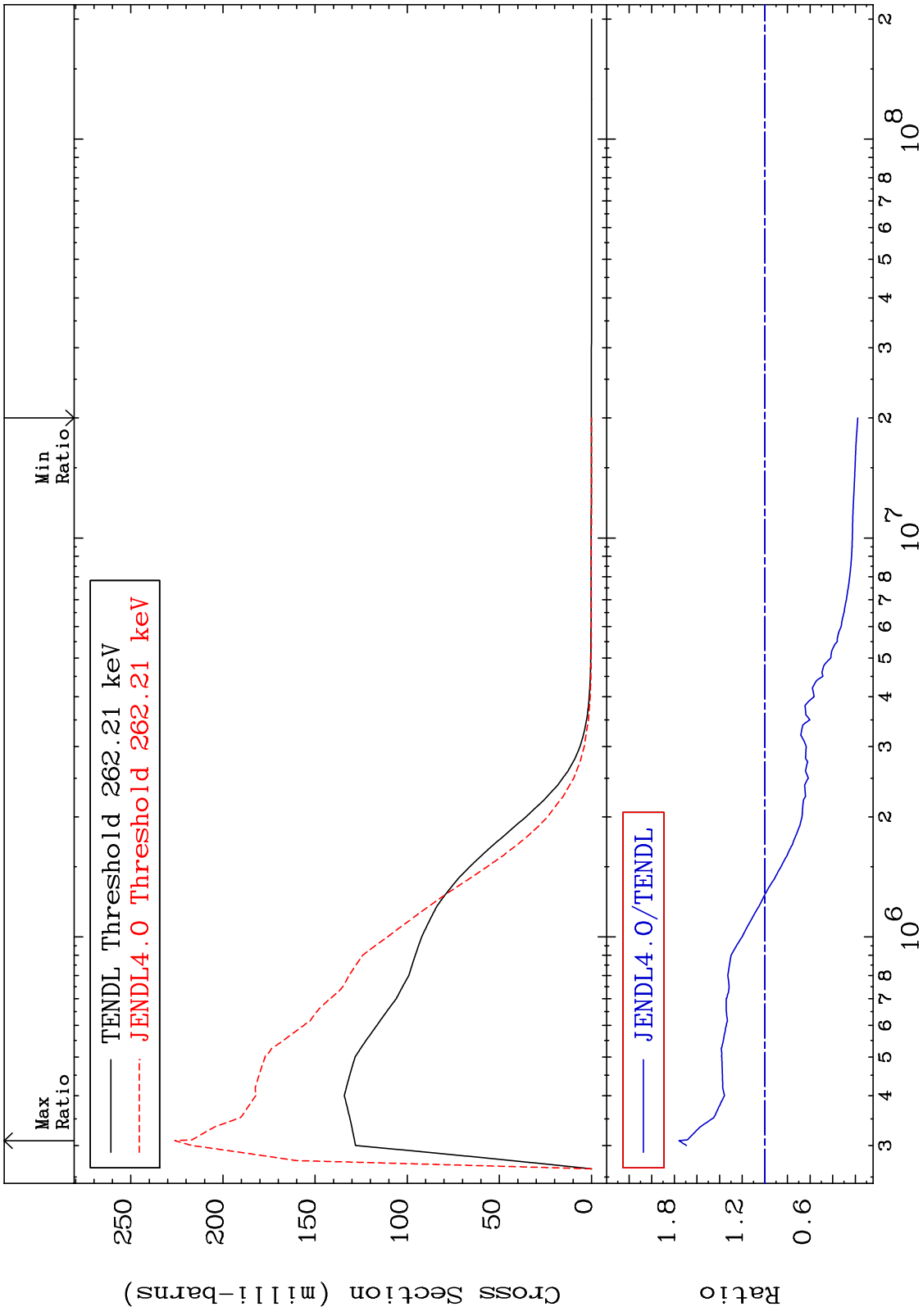
15 63-Eu-151



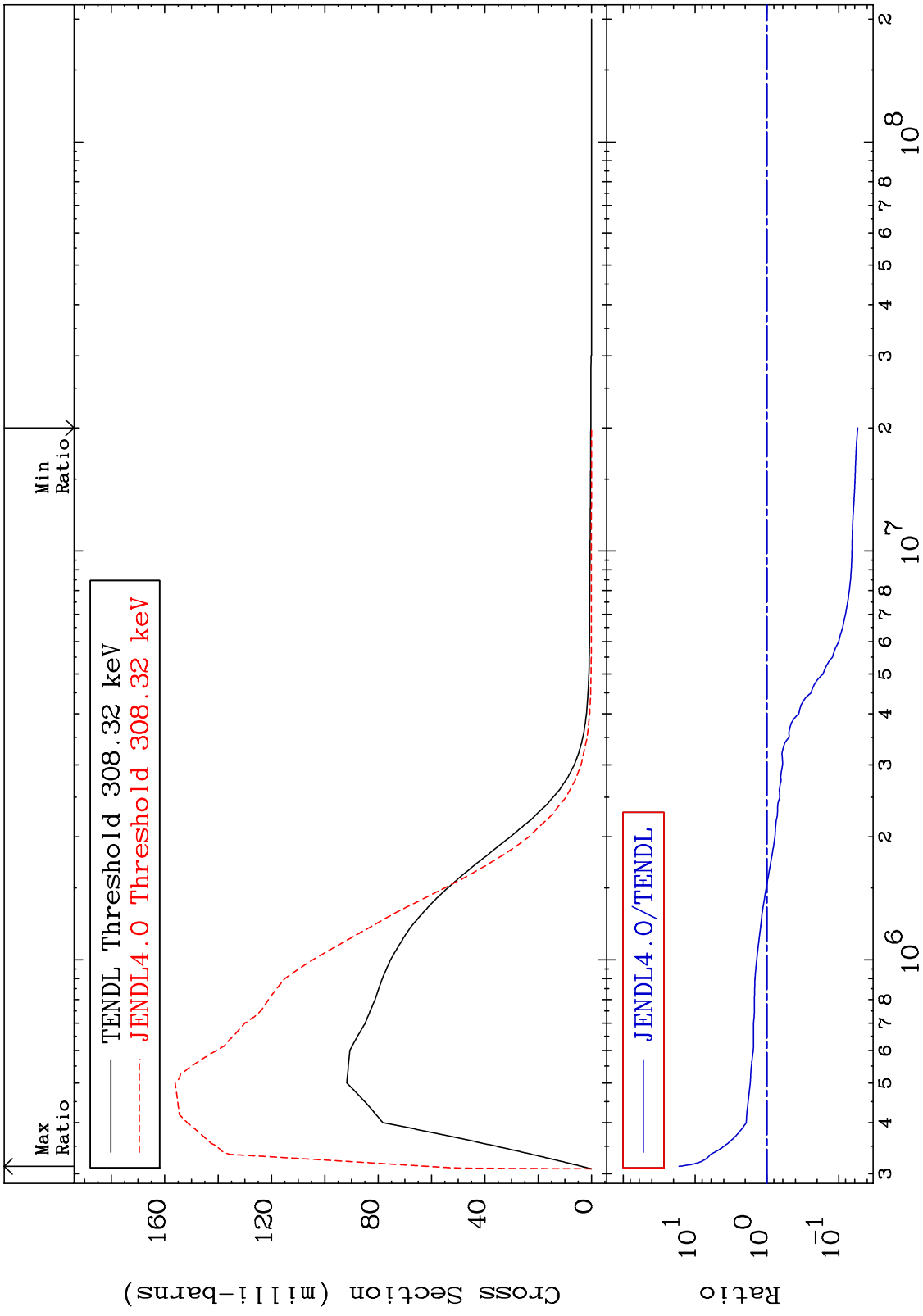
MAT 6325 MT= 55 (n,n') Level Cross Section 63-Eu-151 -94.24 To 651.1 %



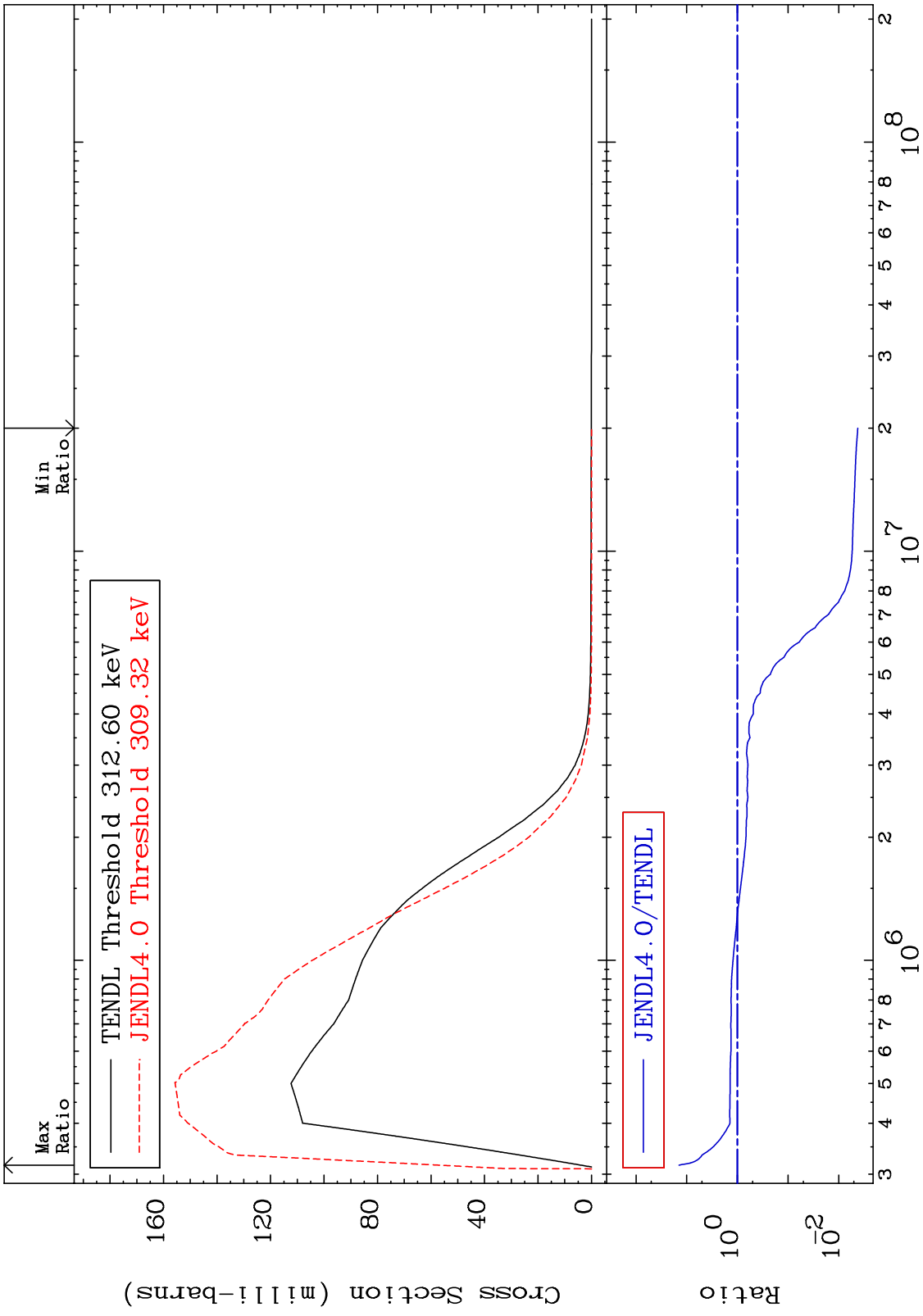
MAT 6325 MT= 56 (n,n') Level Cross Section 63-Eu-151  
 -82.25 To 75.86 %



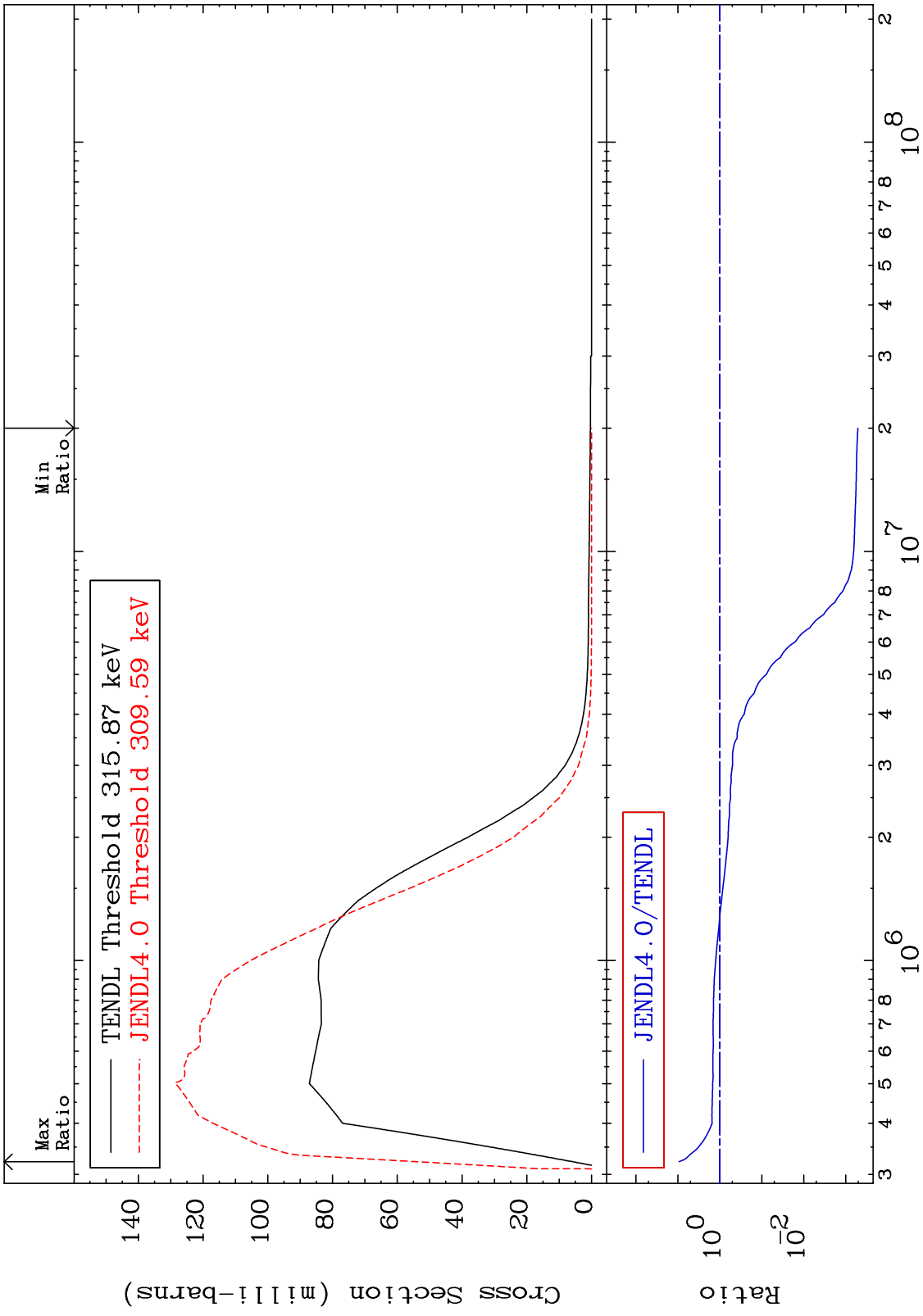
MAT 6325 MT= 57 (n,n') Level Cross Section 63-Eu-151 -94.59 To 1575. %



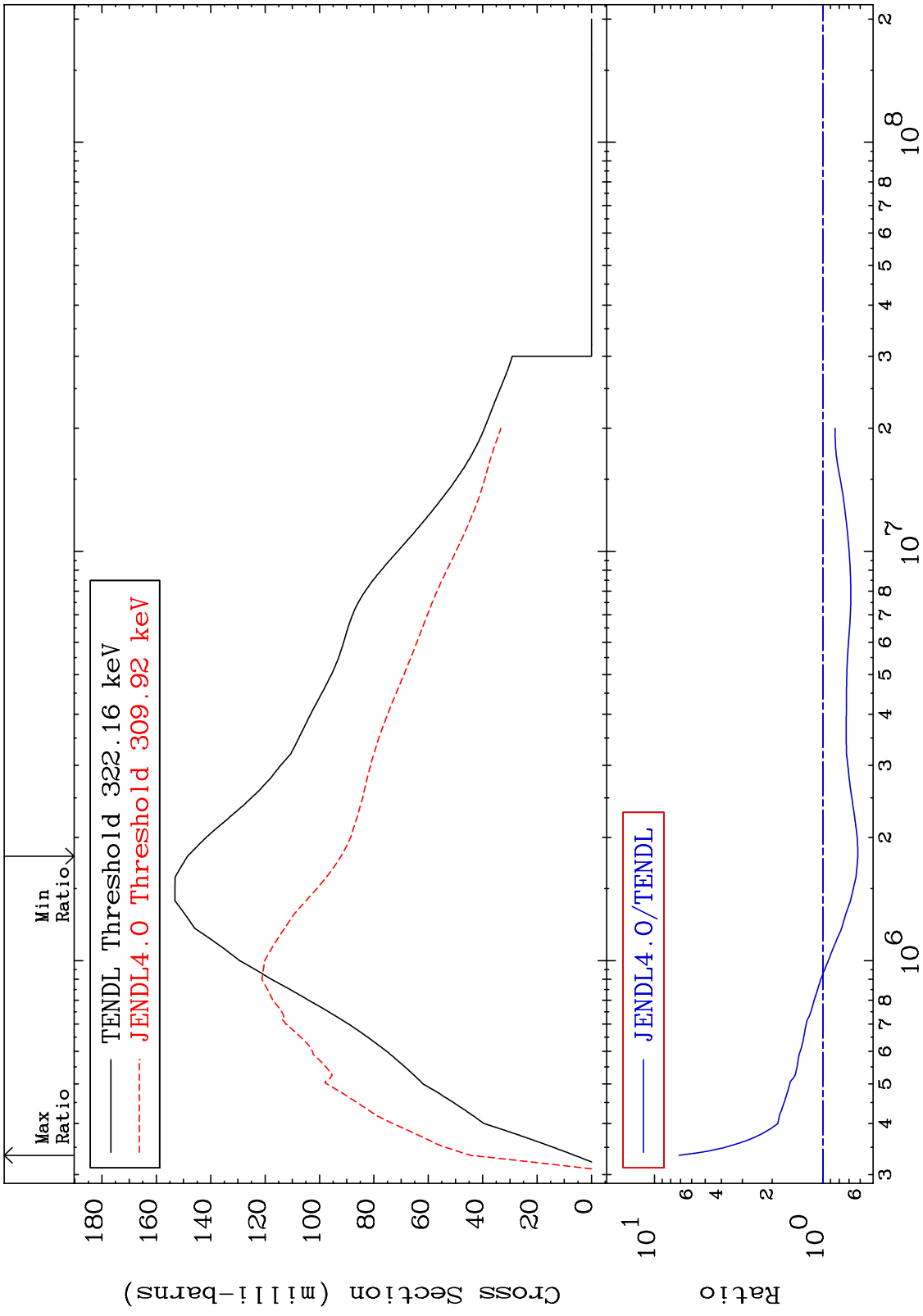
MAT 6325 MT= 58 (n,n') Level Cross Section 63-Eu-151 -99.58 To 1316. %



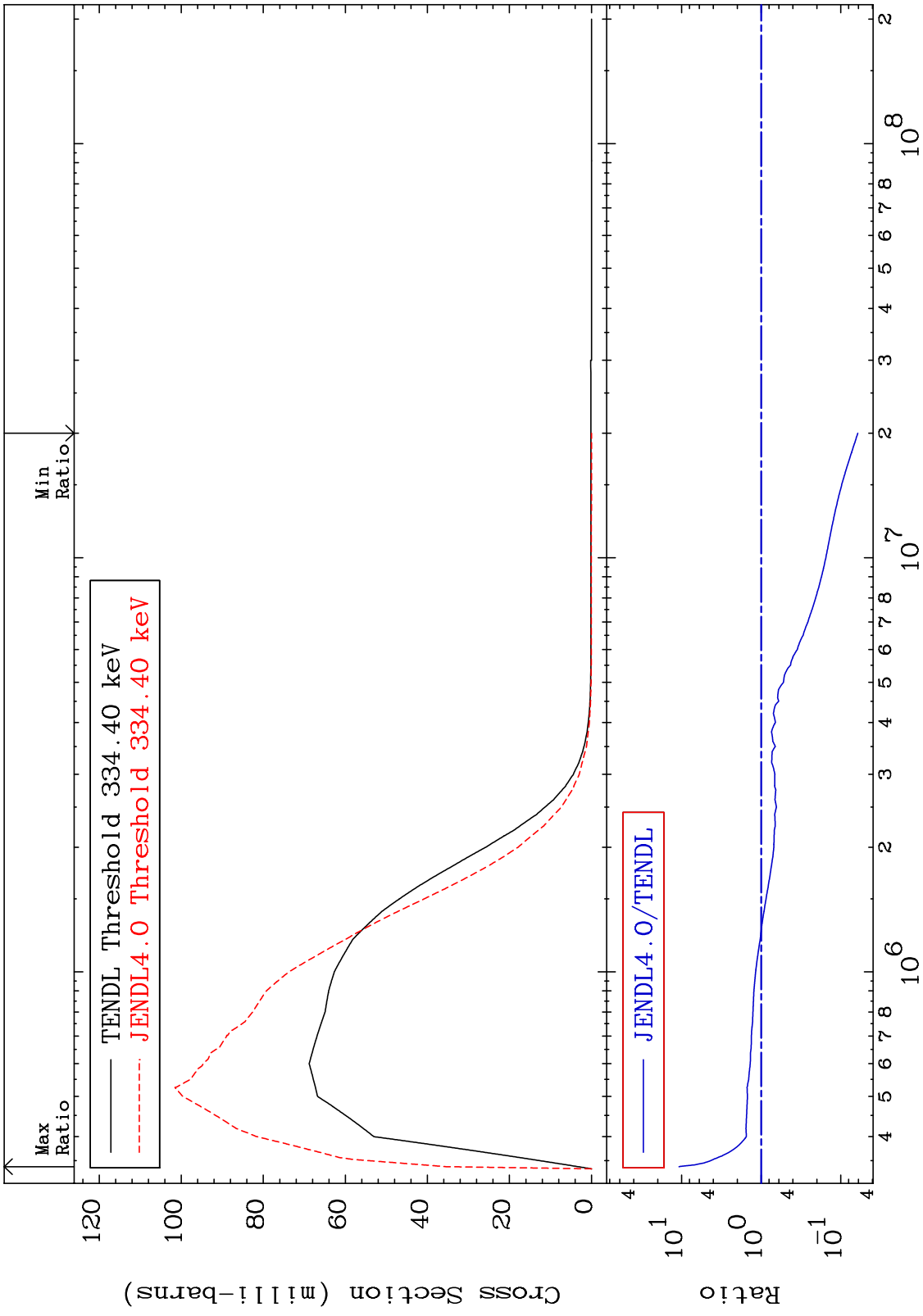
MAT 6325 MT= 59 (n,n') Level Cross Section 63-Eu-151 -99.95 To 833.7 %



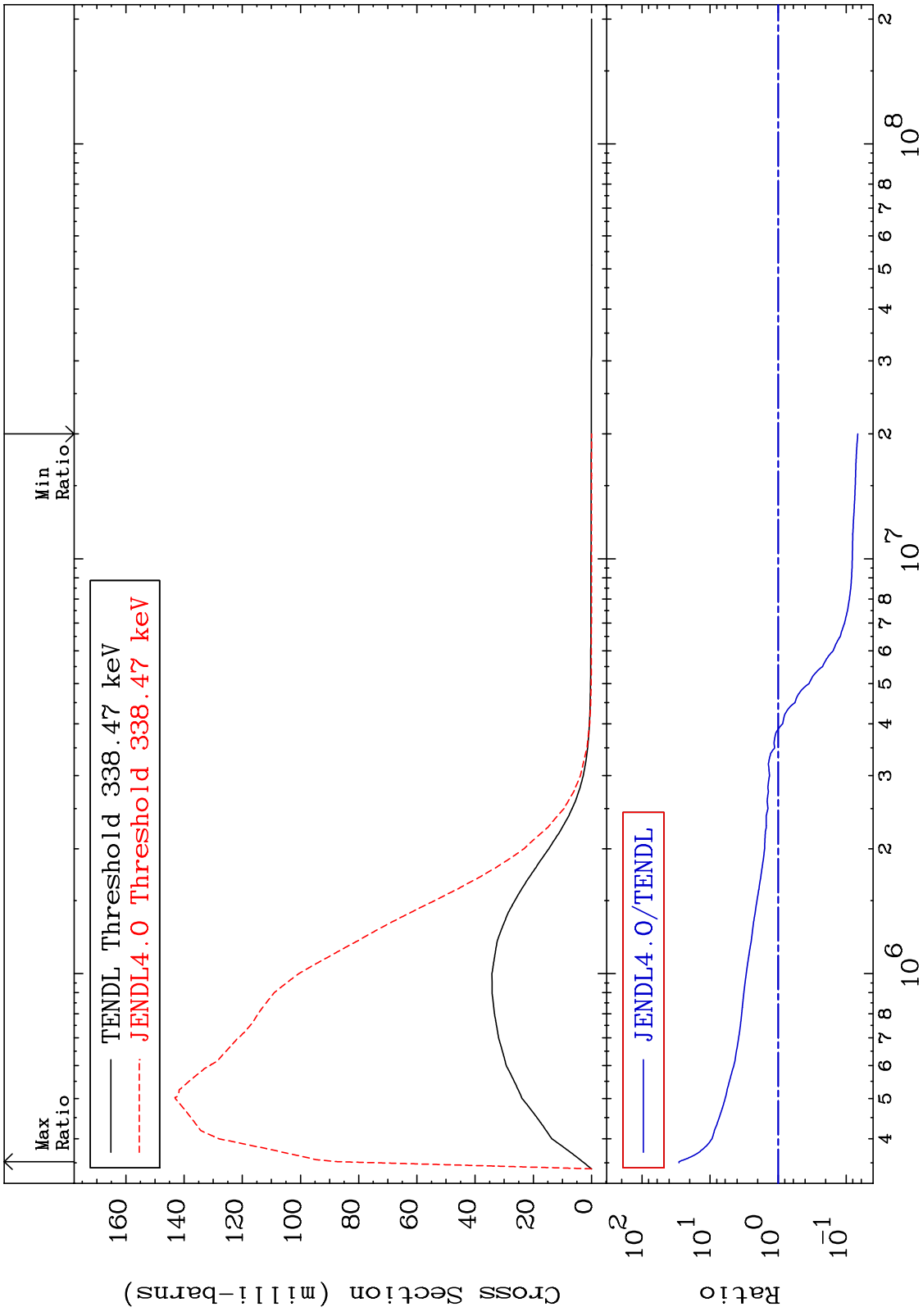
MAT 6325 MT= 60 (n,n') Level Cross Section 63-Eu-151  
 -38.00 To 613.9 %



MAT 6325 MT= 61 (n,n') Level Cross Section 63-Eu-151 -93.88 To 978.7 %

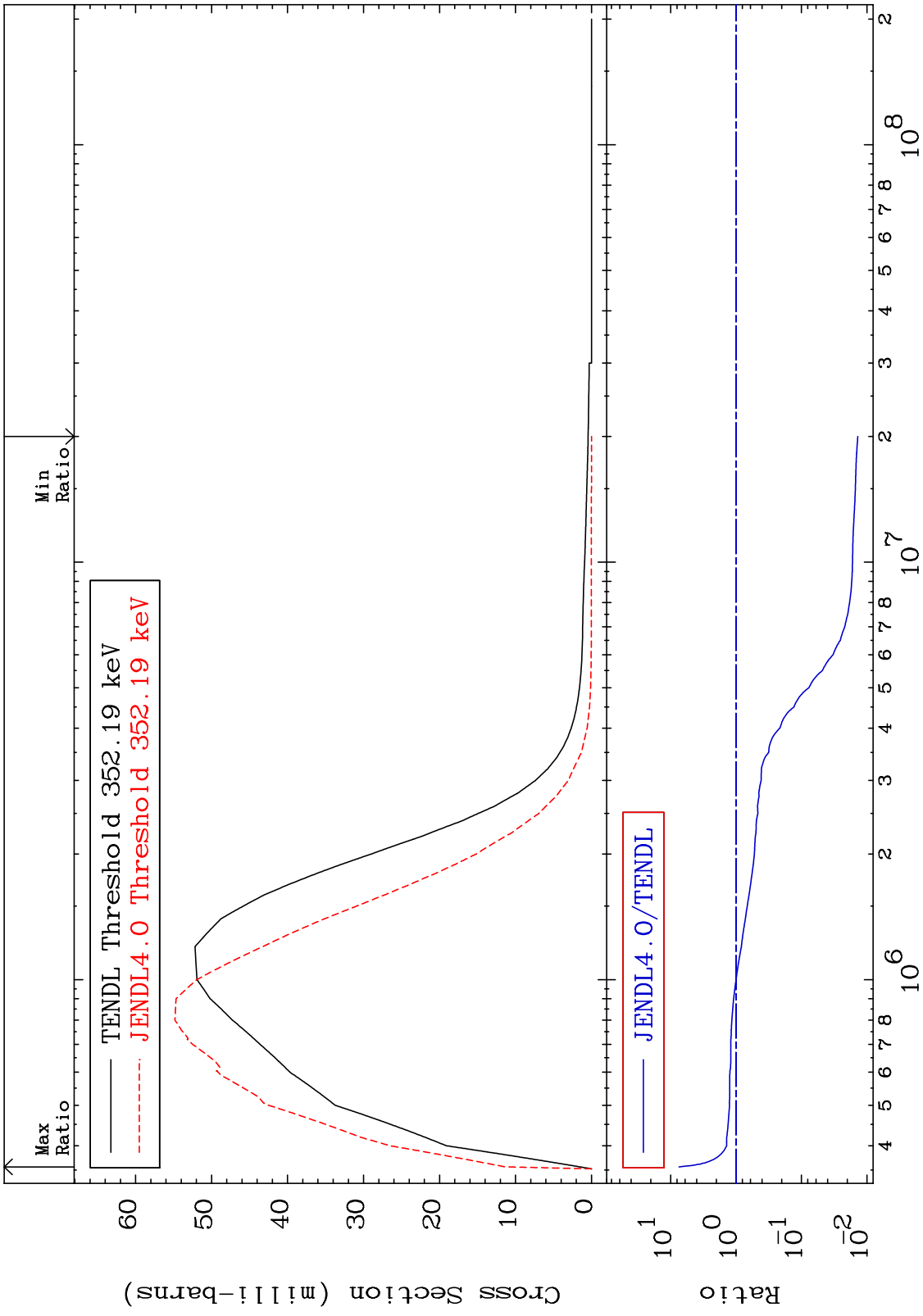


MAT 6325 MT= 62 (n,n') Level Cross Section 63-Eu-151  
 -93.27 To 2762. %

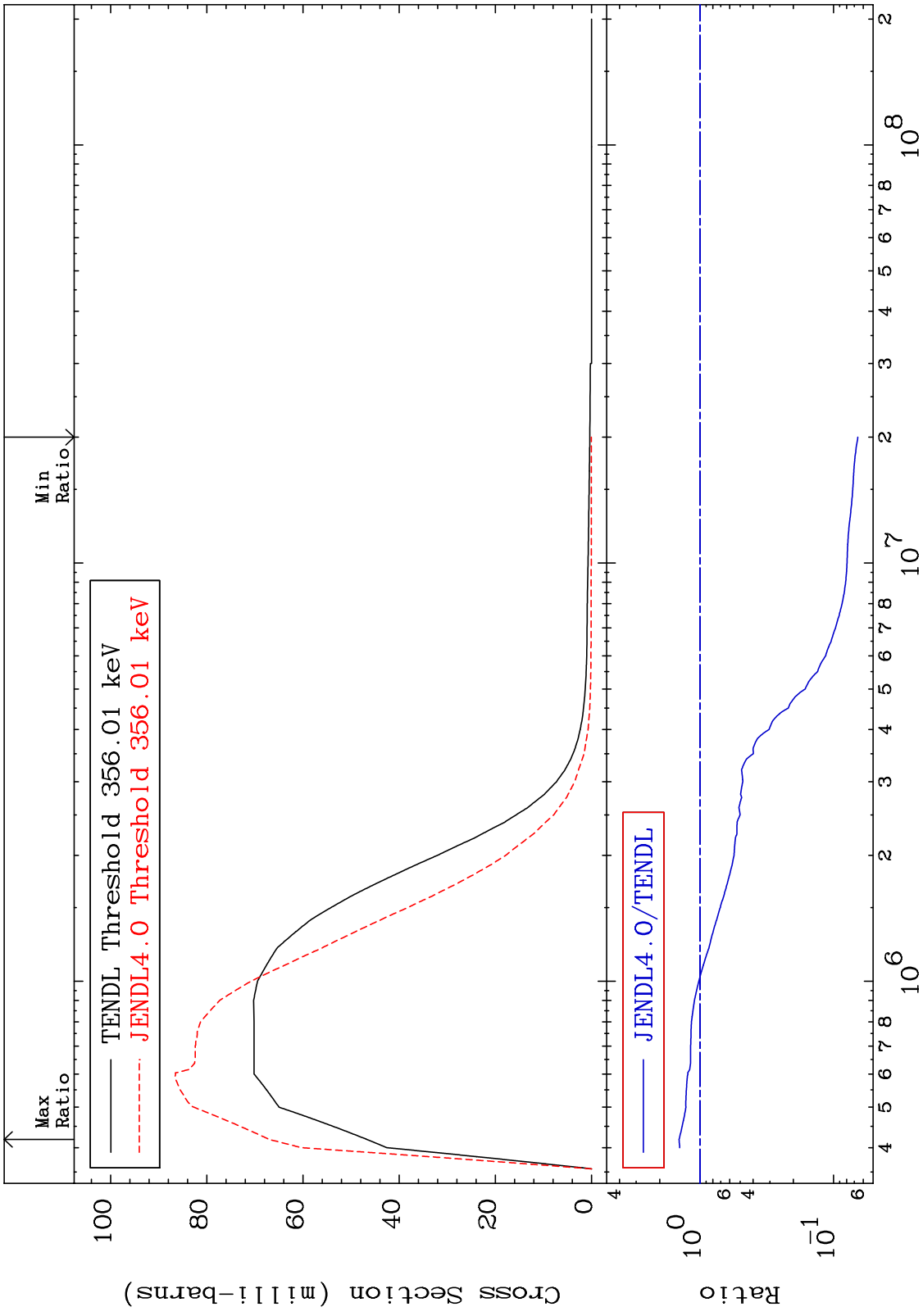




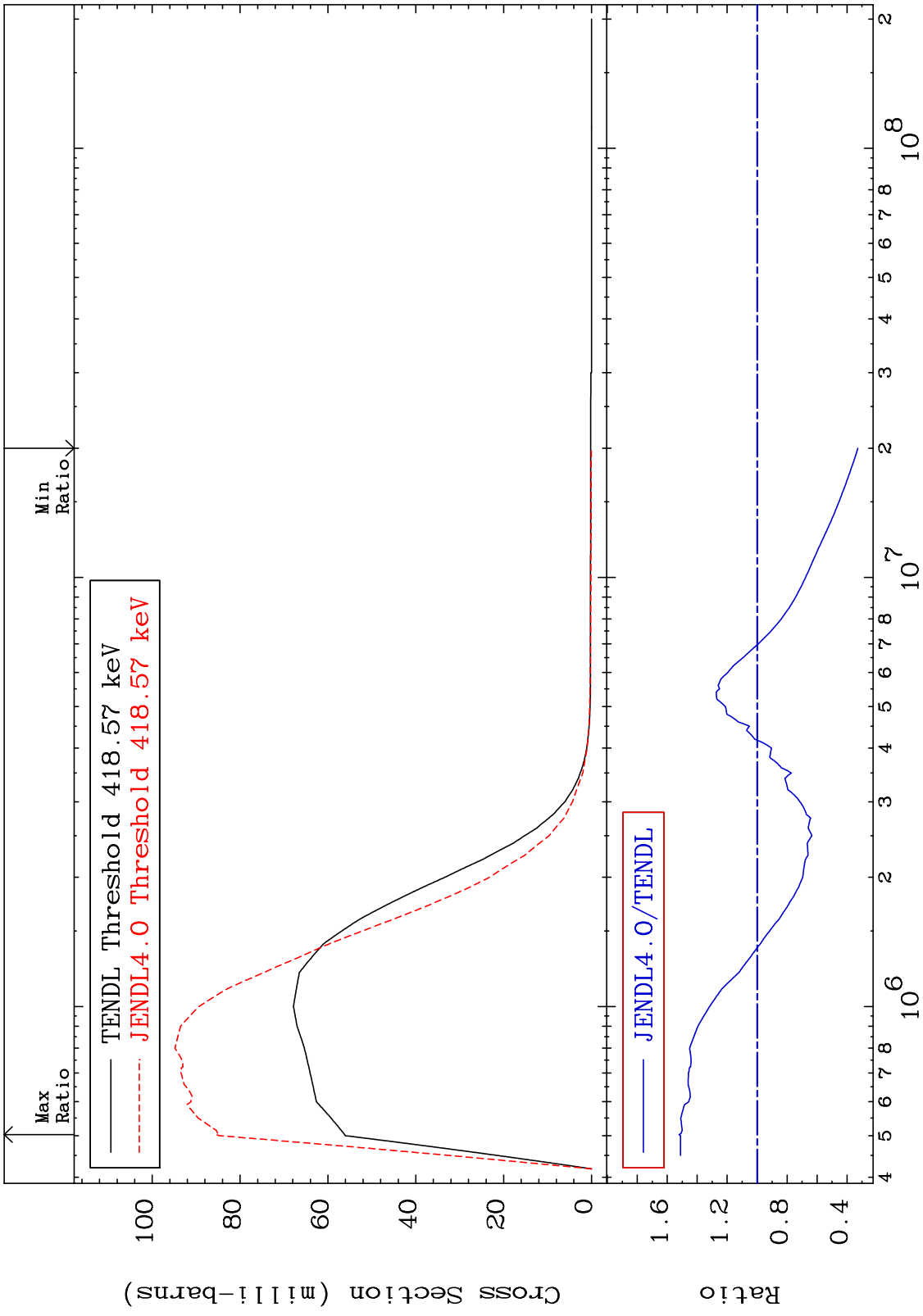
MAT 6325 MT= 63 (n,n') Level Cross Section 63-Eu-151 -98.62 To 642.5 %



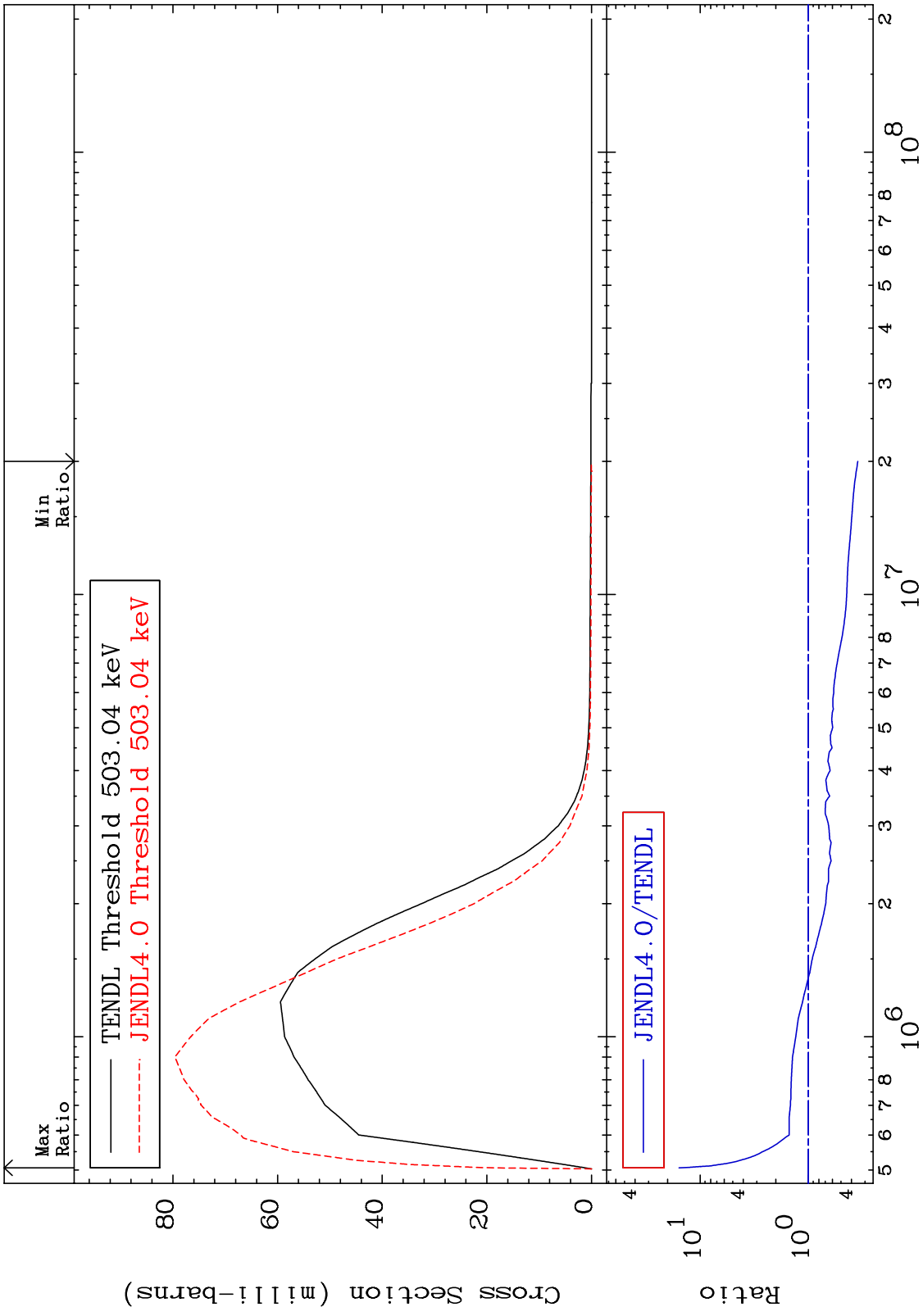
MAT 6325 MT= 64 (n,n') Level Cross Section 63-Eu-151 -93.41 To 43.44 %



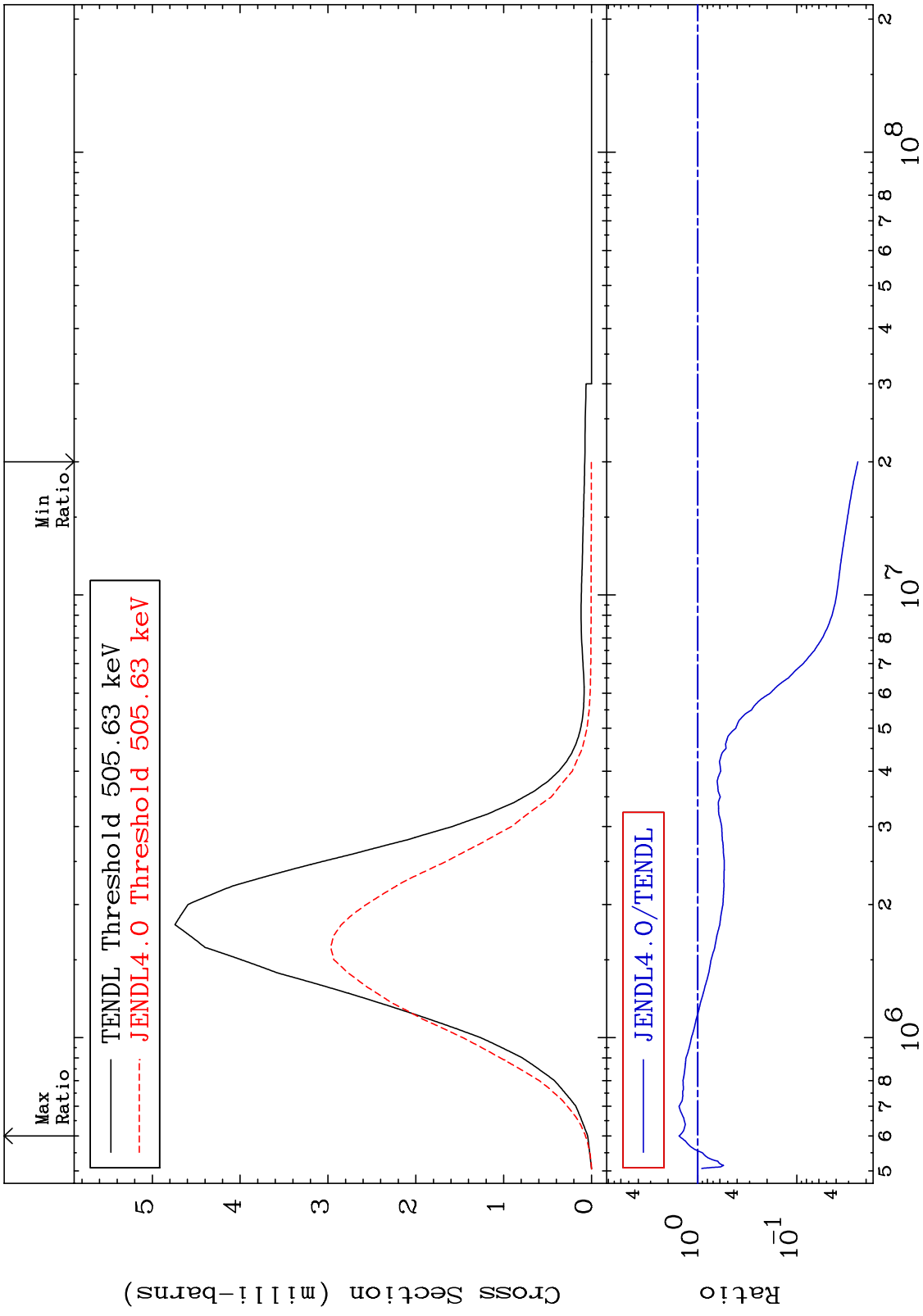
MAT 6325 MT= 65 (n,n') Level Cross Section 63-Eu-151  
 -67.20 To 52.10 %



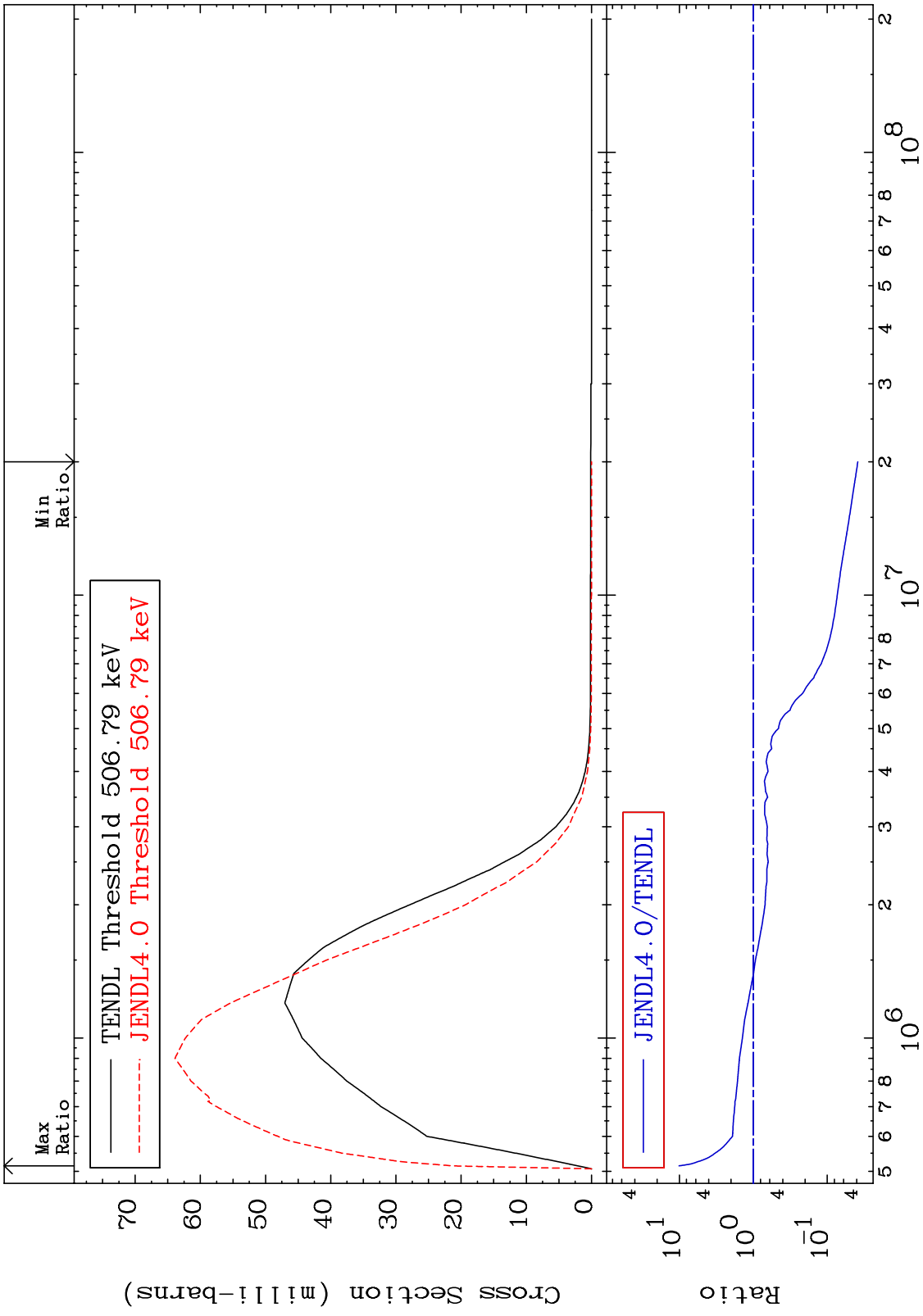
MAT 6325 MT= 66 (n,n') Level Cross Section 63-Eu-151  
 -65.11 To 1466. %



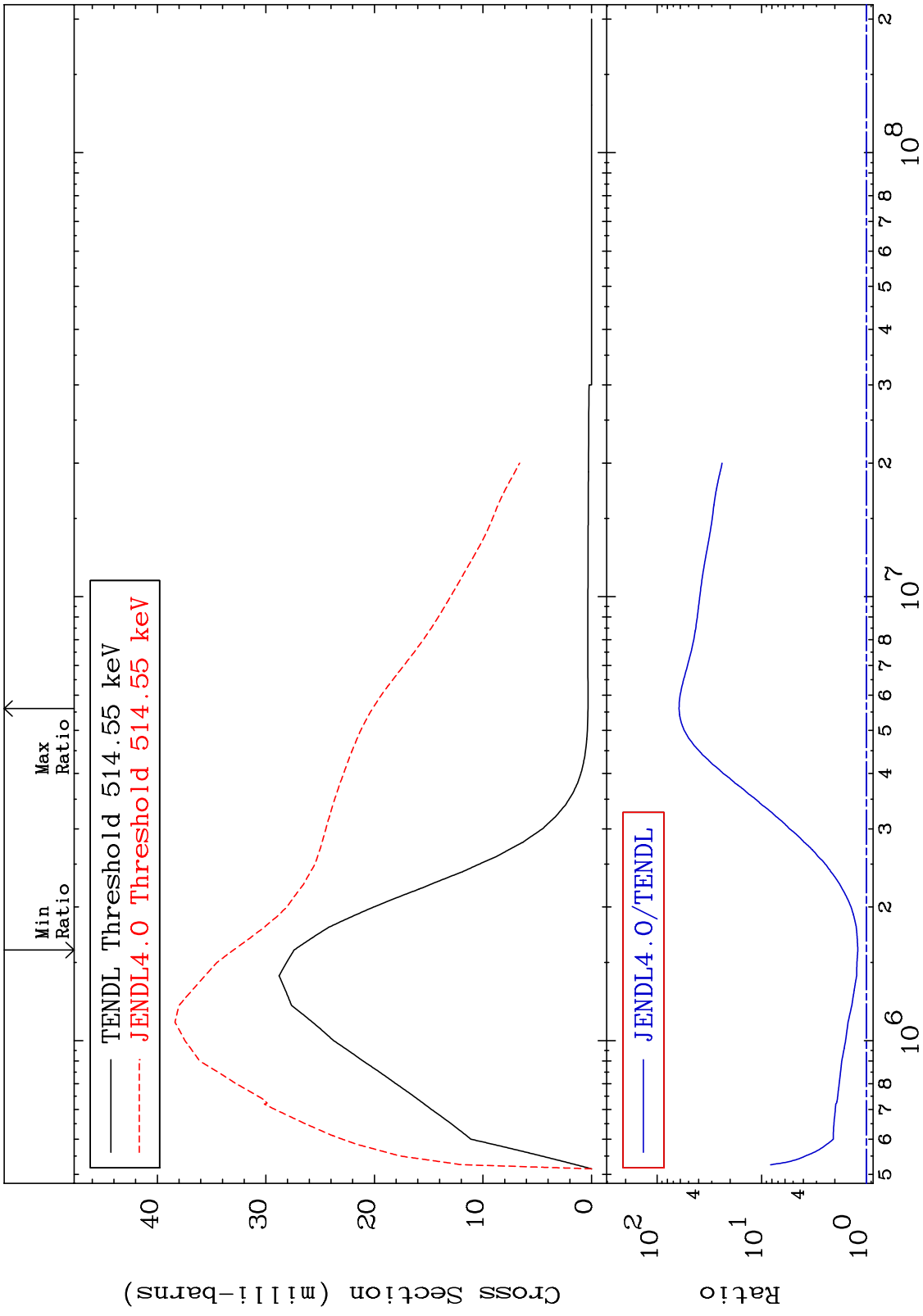
MAT 6325 MT= 67 (n,n') Level Cross Section 63-Eu-151 -97.58 To 54.80 %



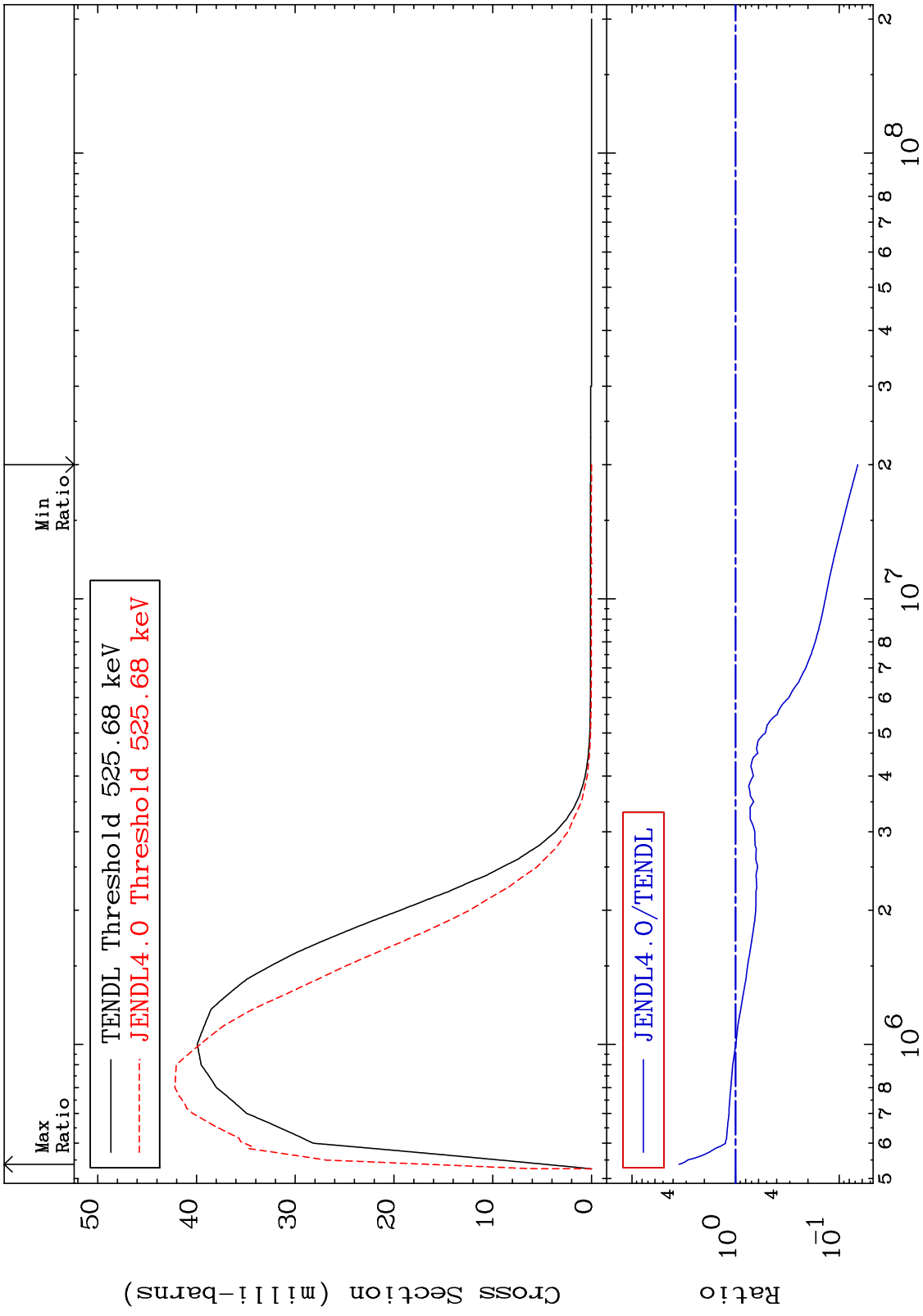
MAT 6325 MT= 68 (n,n') Level Cross Section 63-Eu-151 -96.14 To 908.6 %



MAT 6325 MT= 69 (n,n') Level Cross Section 63-Eu-151 20.37 To 6075. %

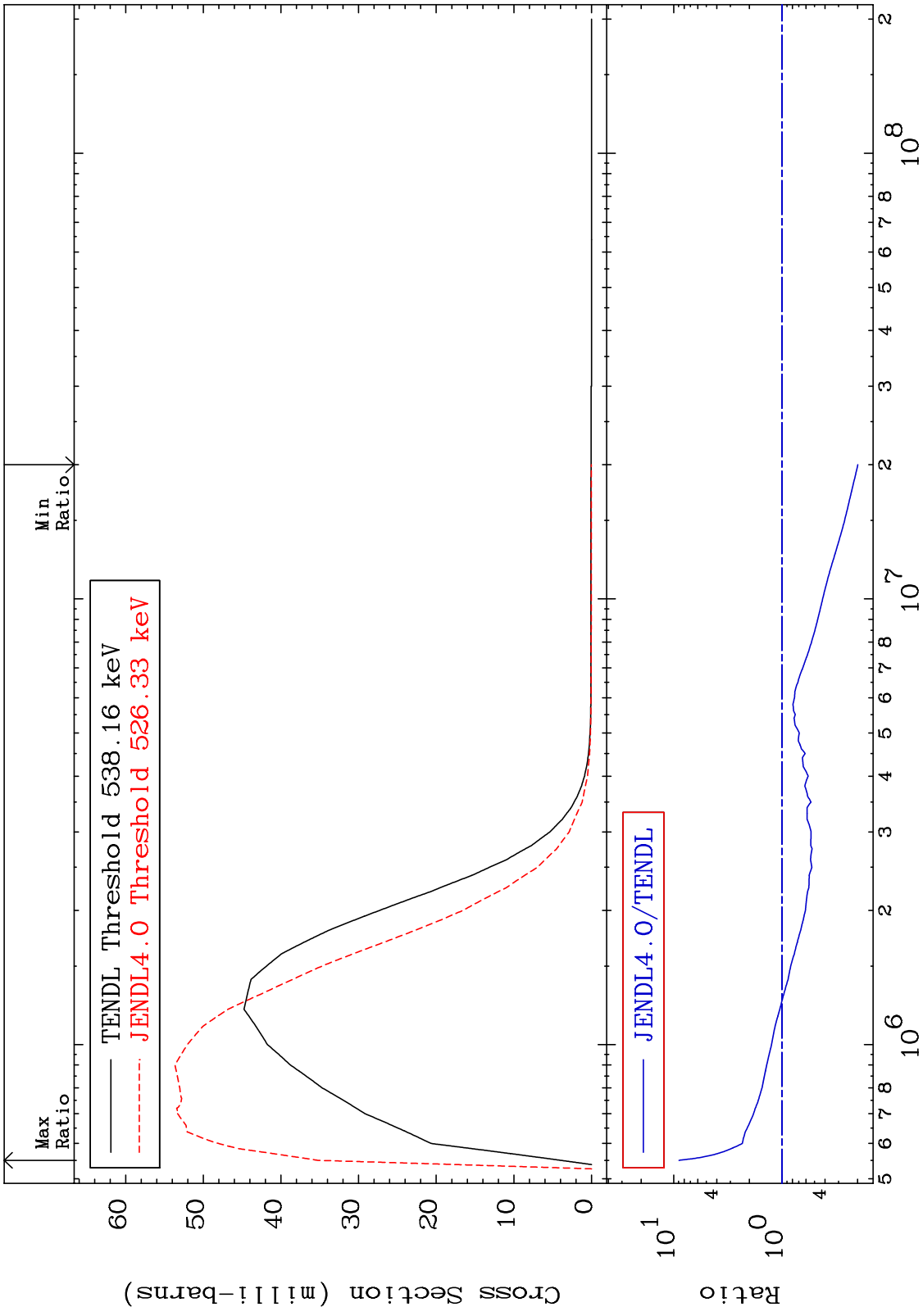


MAT 6325 MT= 70 (n,n') Level Cross Section 63-Eu-151 -93.40 To 250.9 %

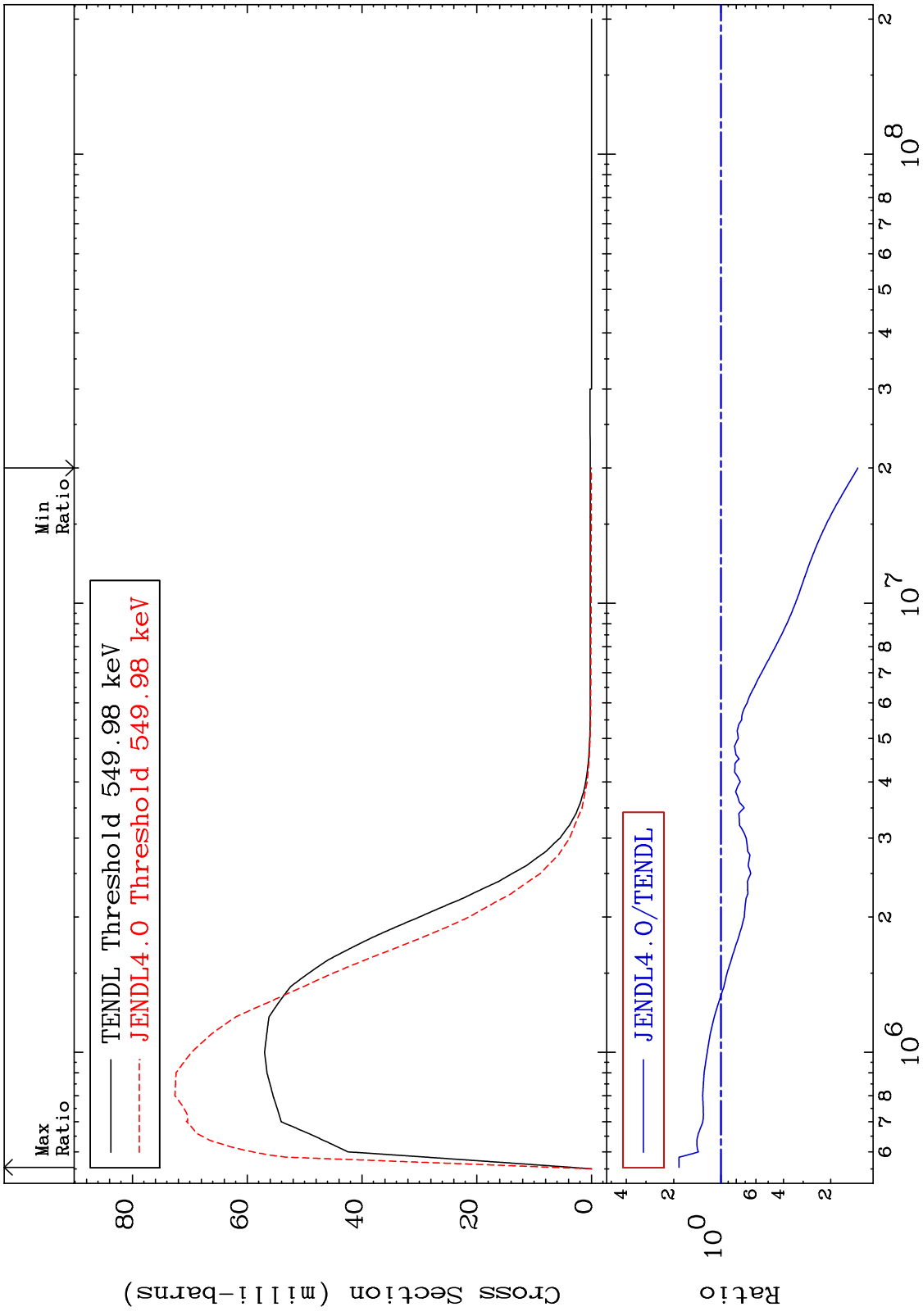




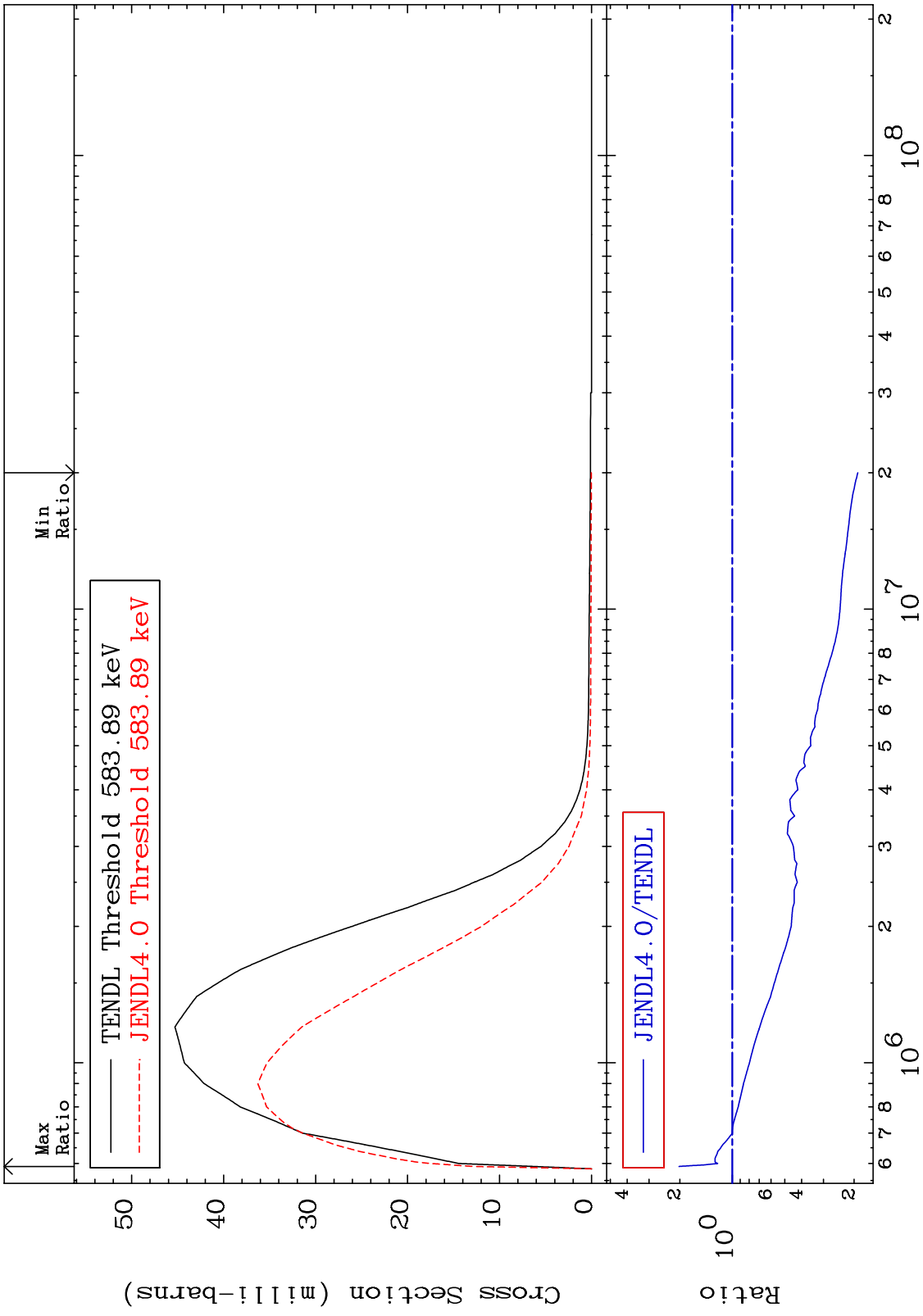
MAT 6325      MT= 71 (n,n') Level Cross Section      63-Eu-151  
 -80.10 To 791.6 %



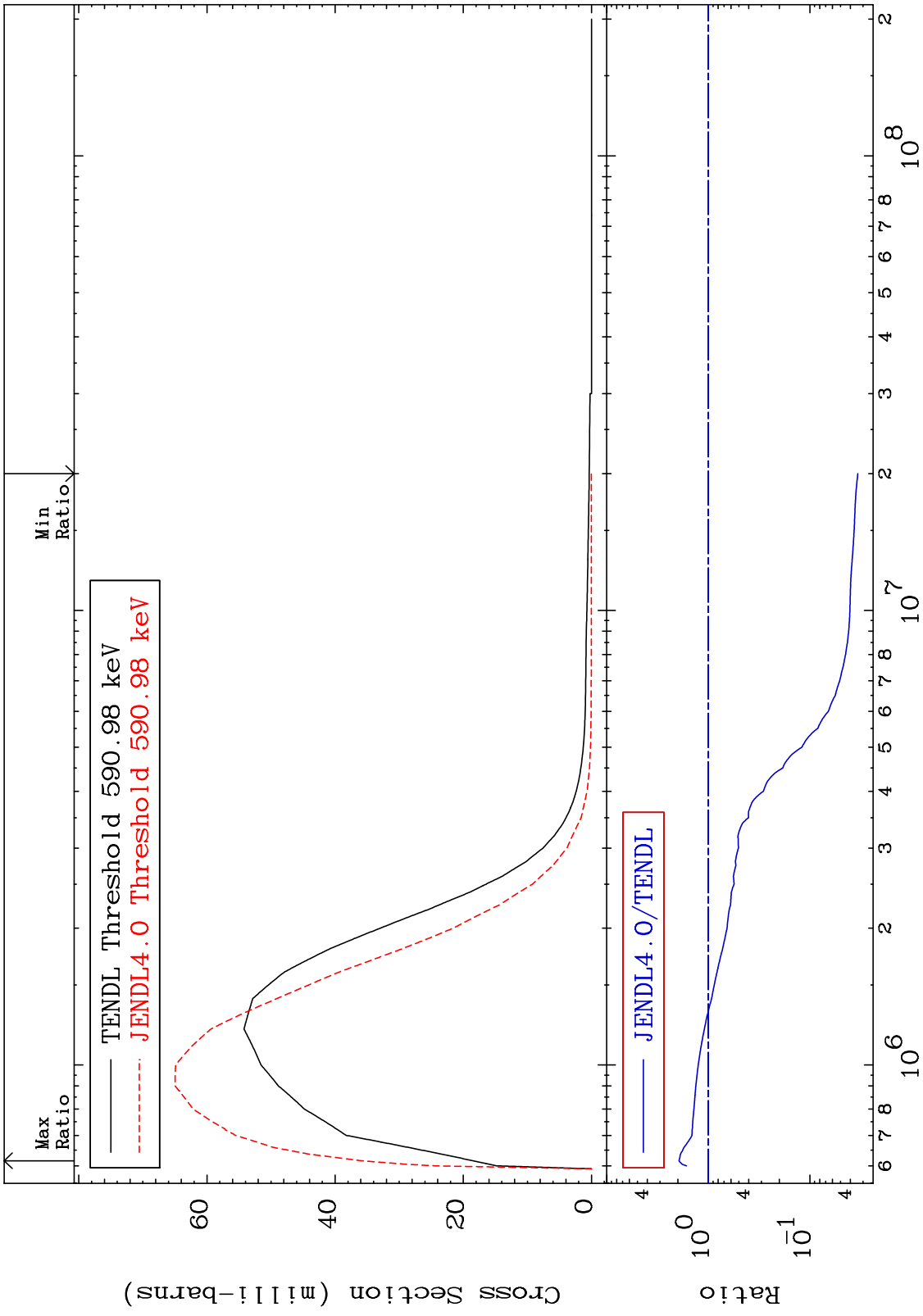
MAT 6325 MT= 72 (n,n') Level Cross Section 63-Eu-151  
 -86.55 To 84.86 %



MAT 6325 MT= 73 (n,n') Level Cross Section 63-Eu-151  
 -80.96 To 101.9 %

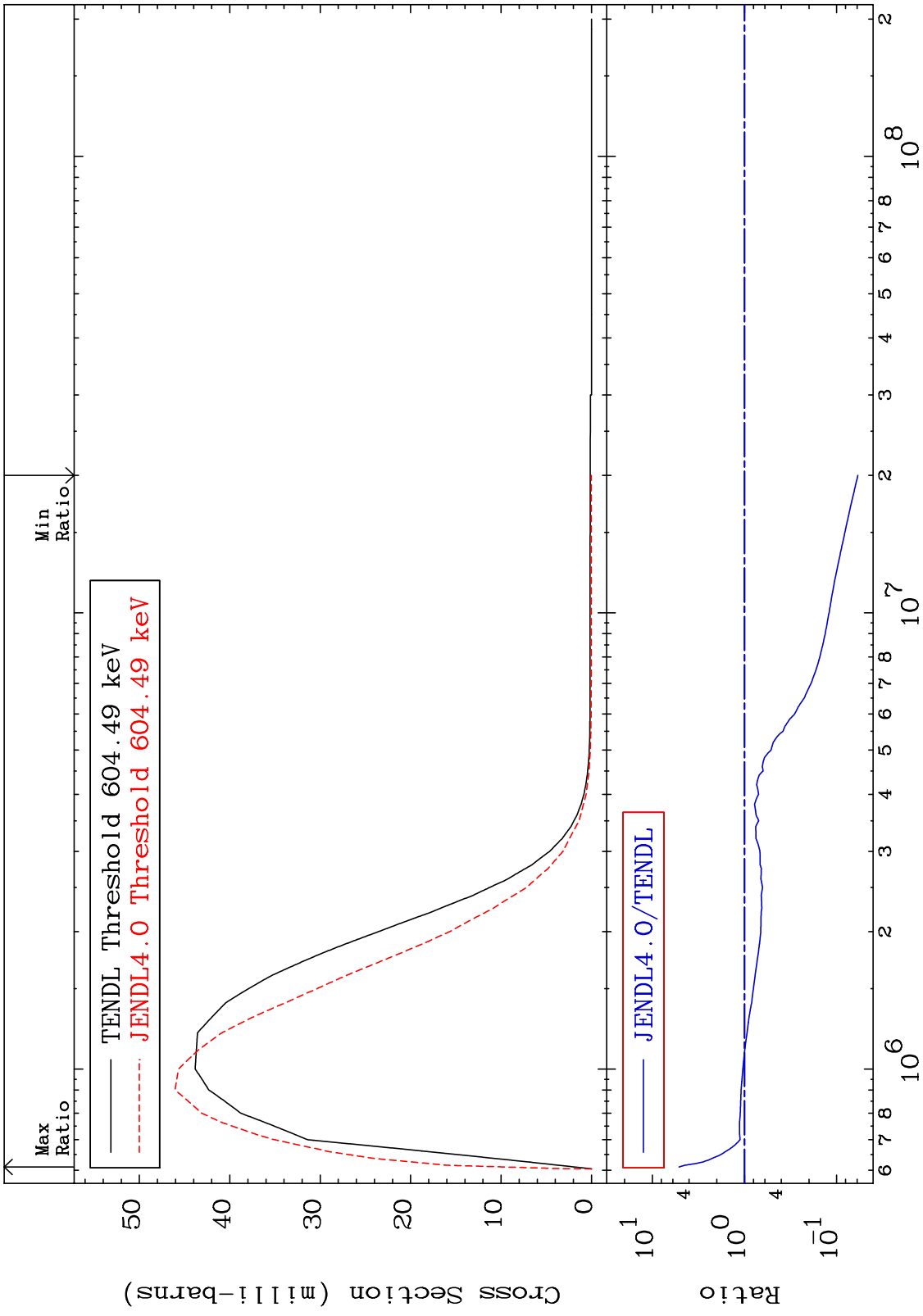


MAT 6325 MT= 74 (n,n') Level Cross Section 63-Eu-151 -96.62 To 94.34 %

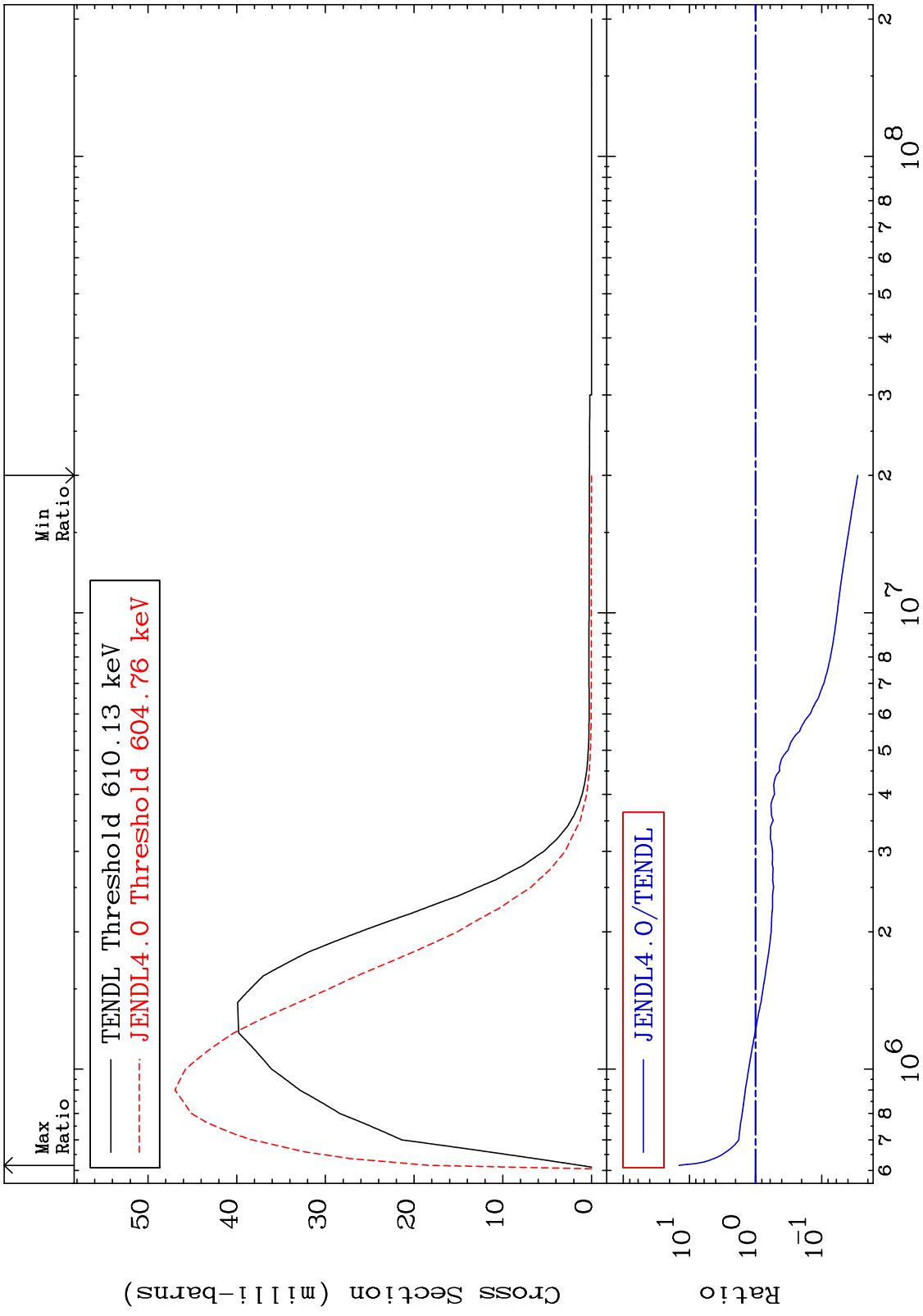


35 63-Eu-151

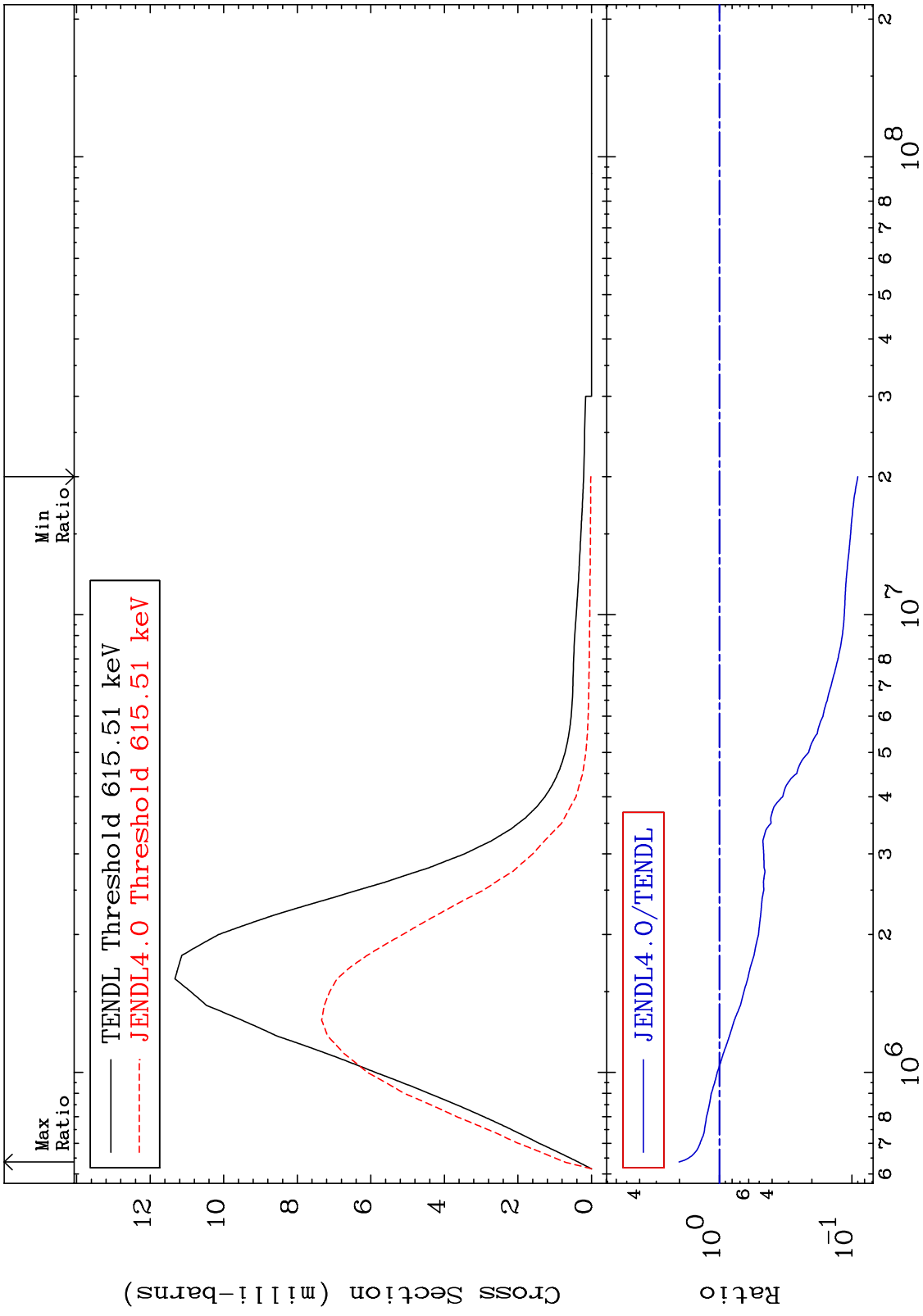
MAT 6325 MT= 75 (n,n') Level Cross Section 63-Eu-151  
 -94.10 To 412.9 %



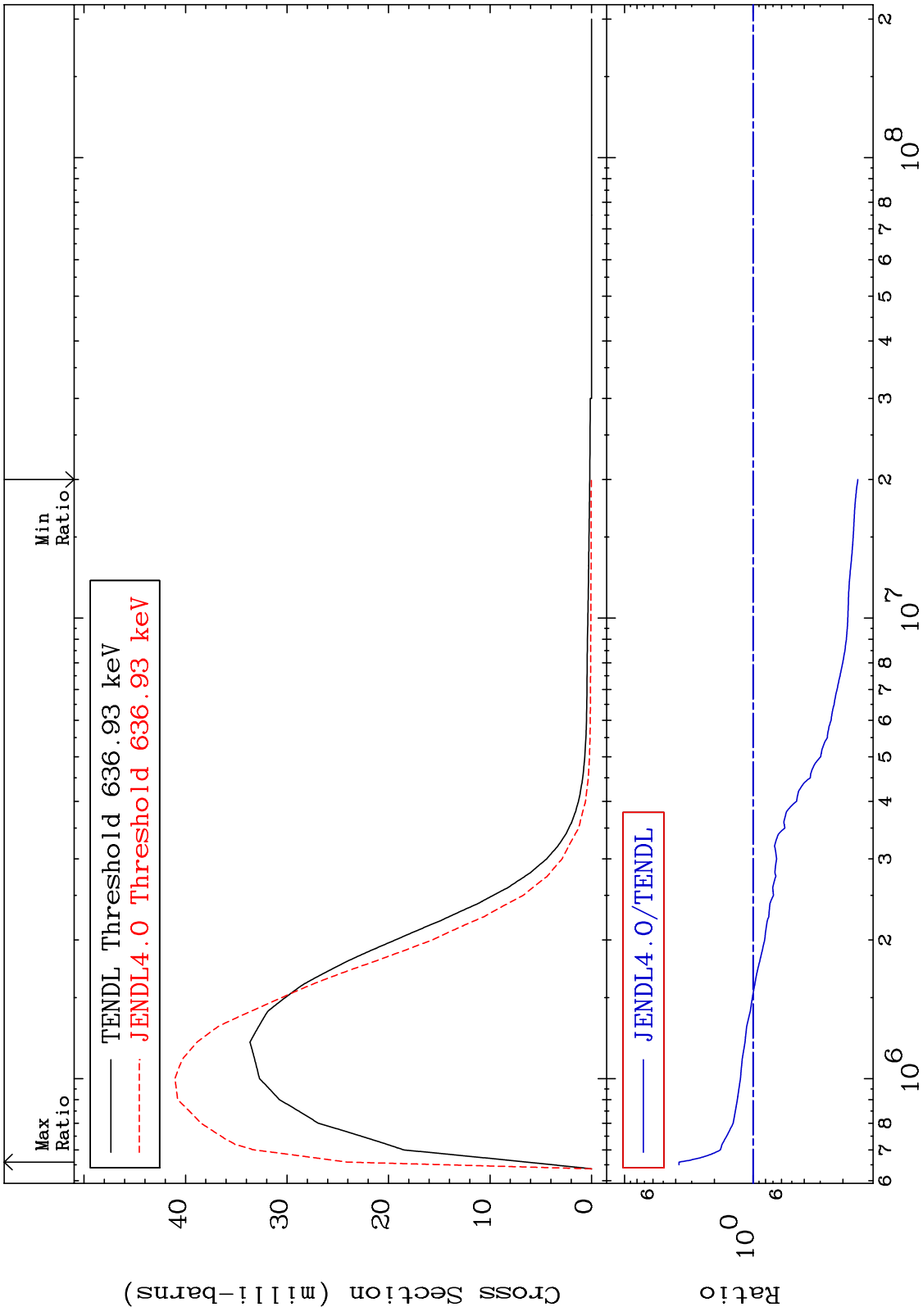
MAT 6325 MT= 76 (n,n') Level Cross Section 63-Eu-151  
 -97.17 To 1336. %



MAT 6325 MT= 77 (n,n') Level Cross Section 63-Eu-151 -91.00 To 101.5 %

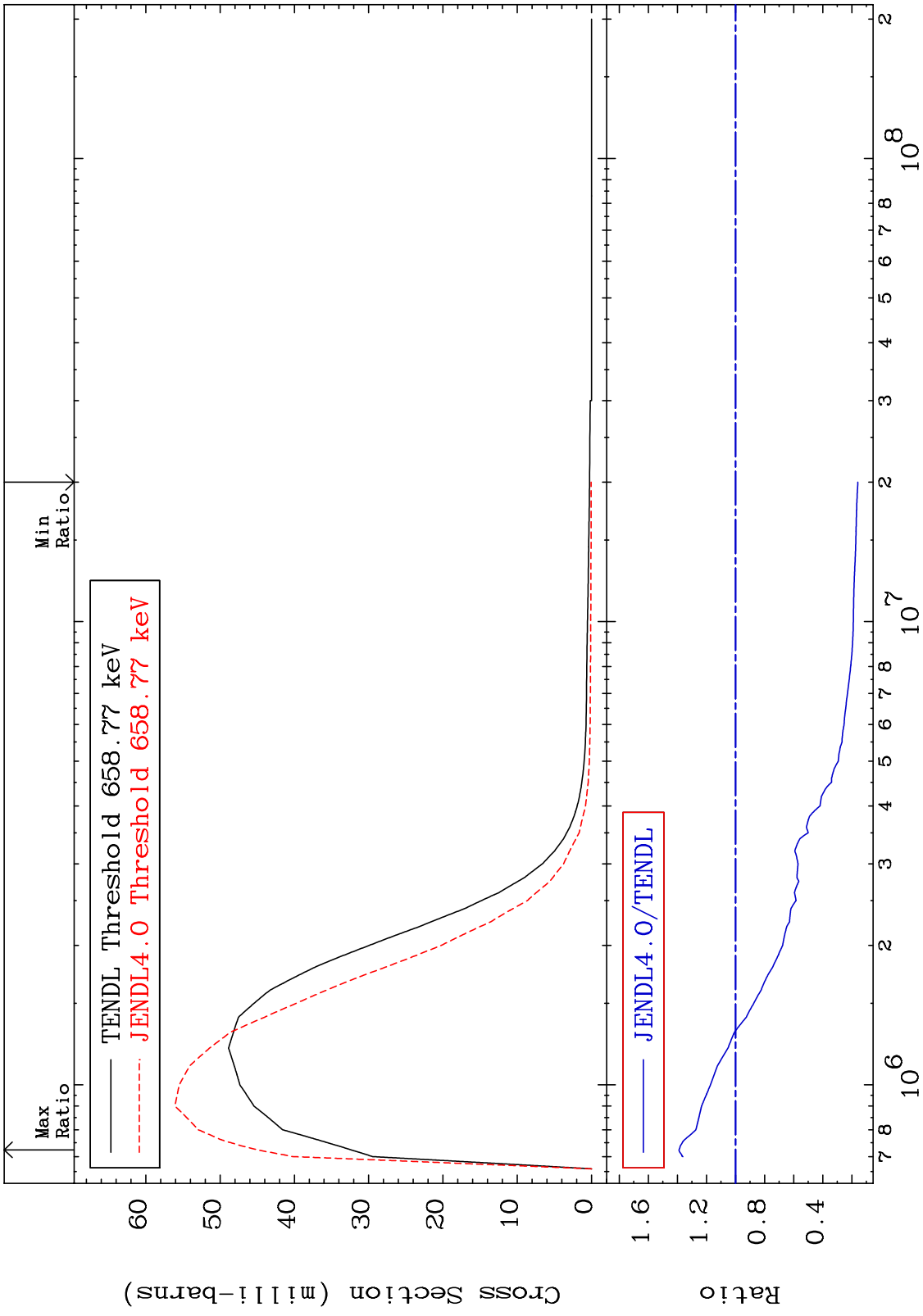


MAT 6325 MT= 78 (n,n') Level Cross Section 63-Eu-151 -84.70 To 276.7 %

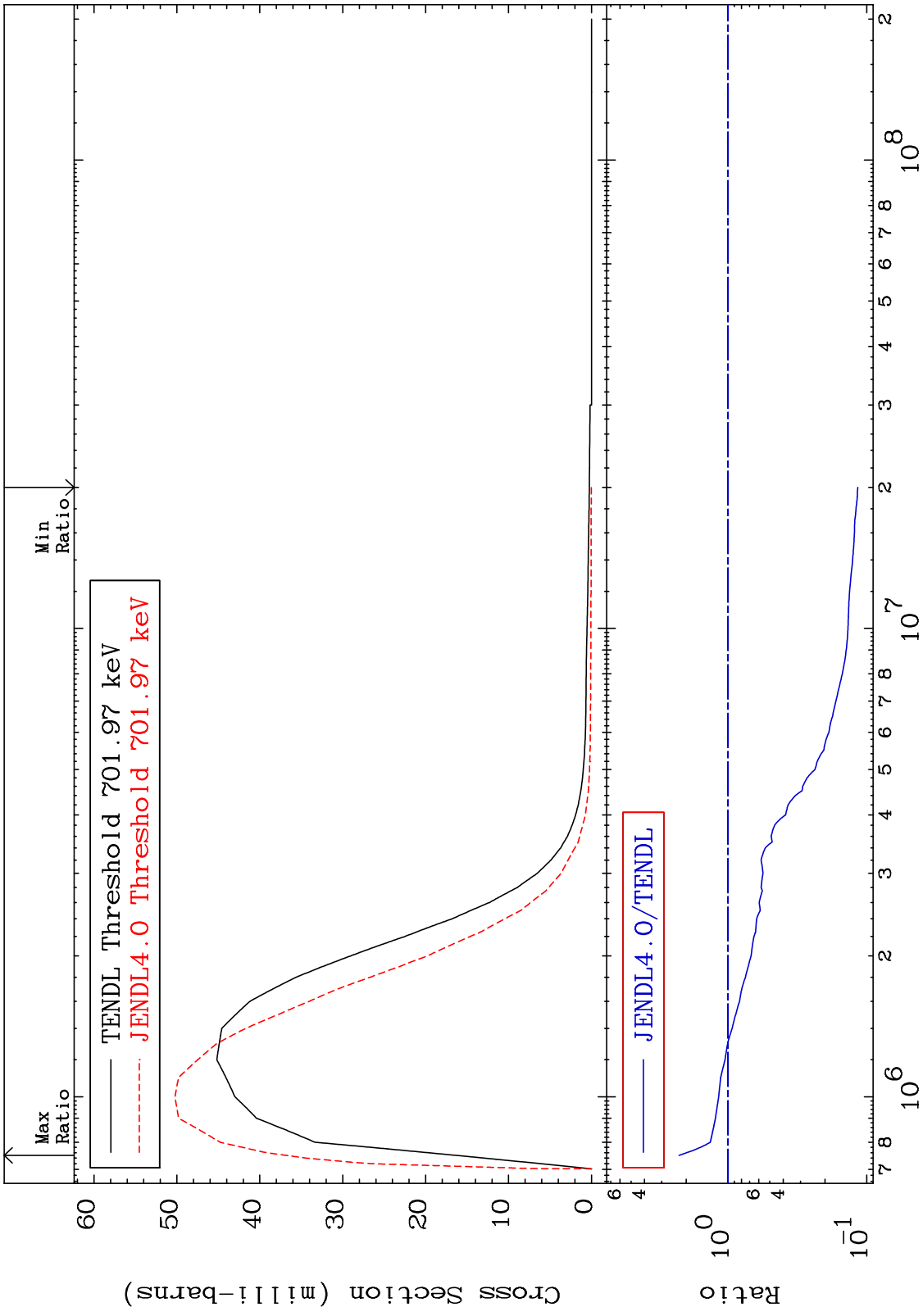




MAT 6325 MT= 79 (n,n') Level Cross Section 63-Eu-151 -84.14 To 38.88 %



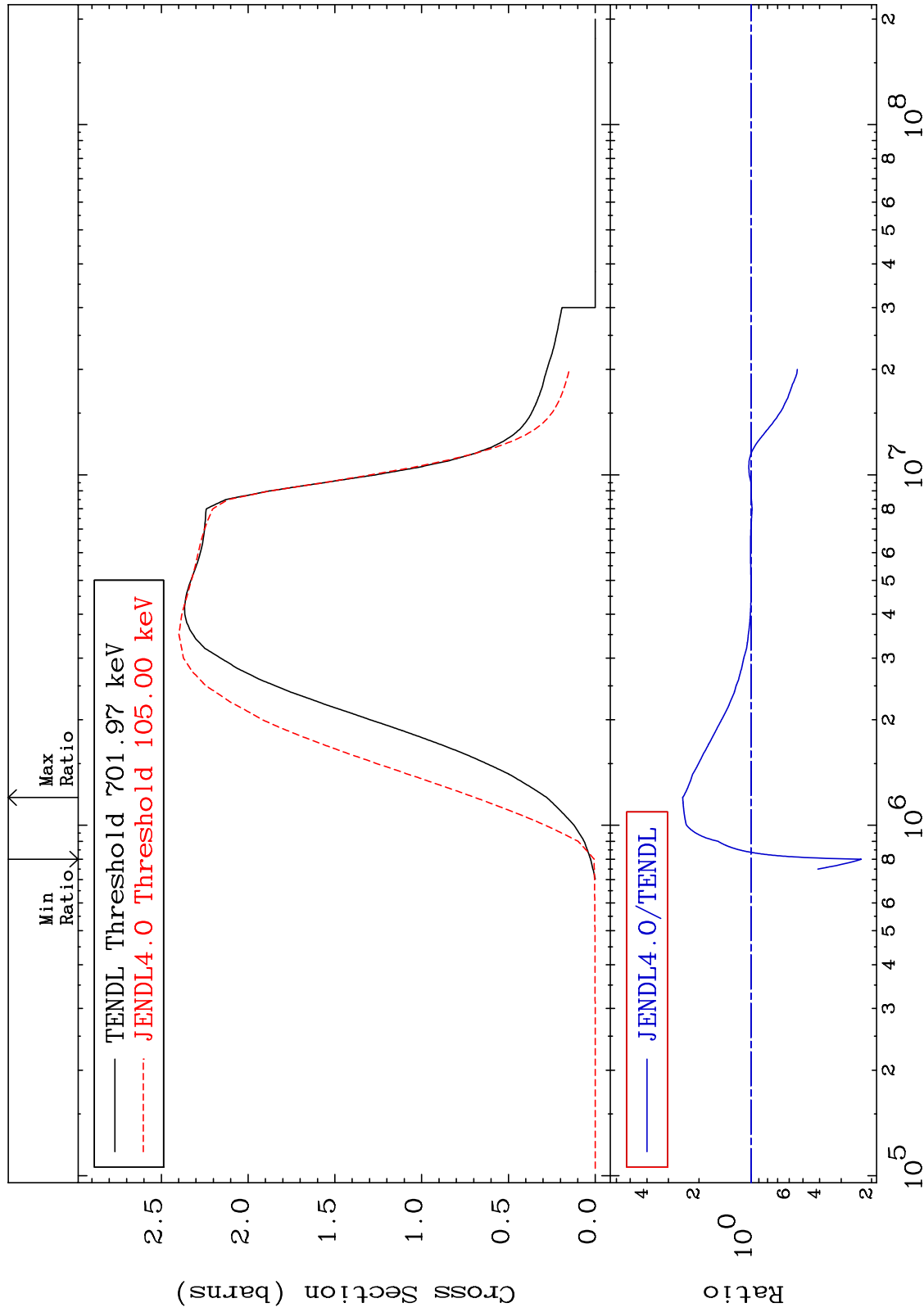
MAT 6325 MT= 80 (n,n') Level Cross Section 63-Eu-151  
 -88.40 To 125.4 %



MAT 6325

(n,n') Continuum  
Cross Section

63-Eu-151  
-77.07 To 148.3 %



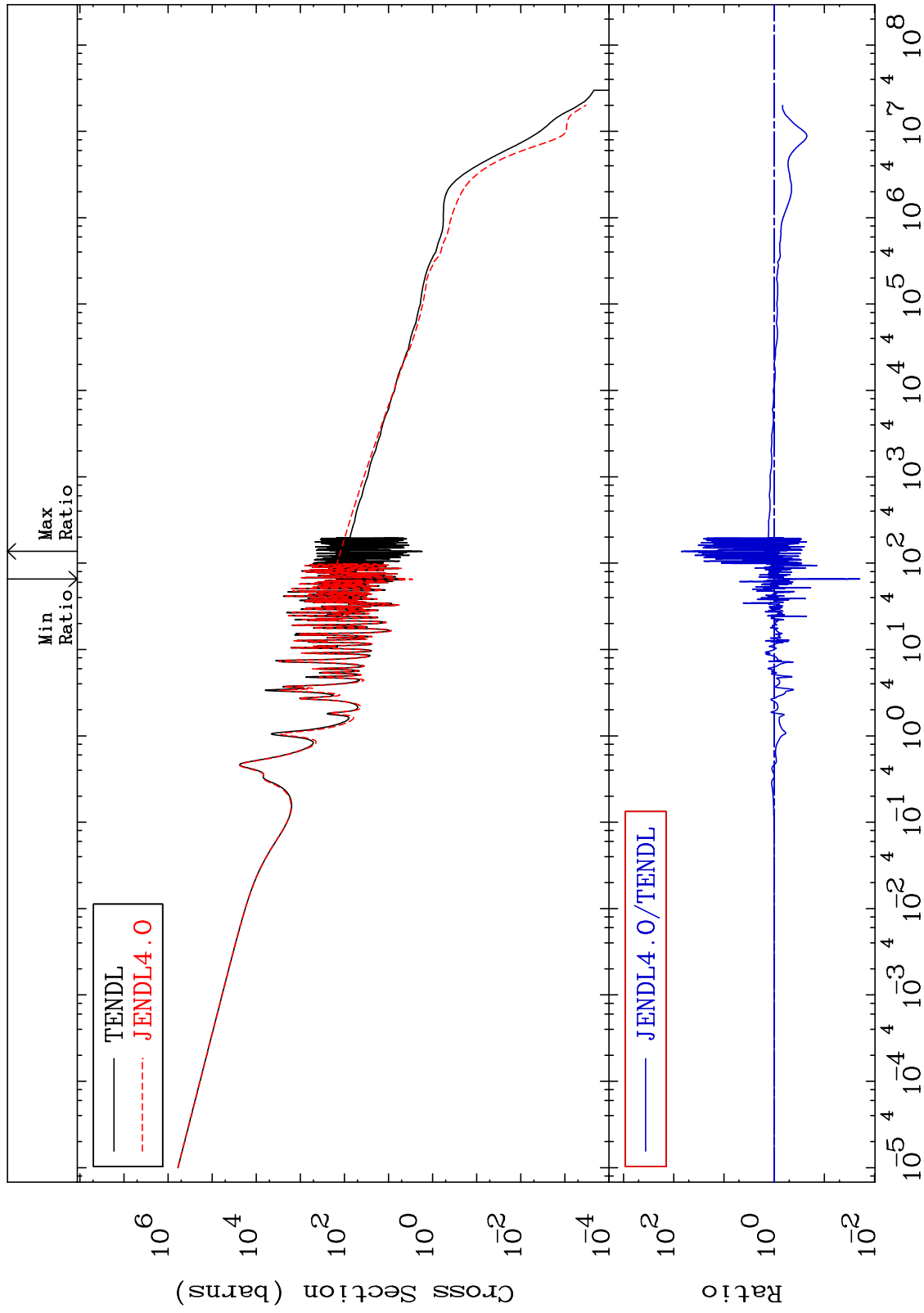
42

Incident Energy (eV)

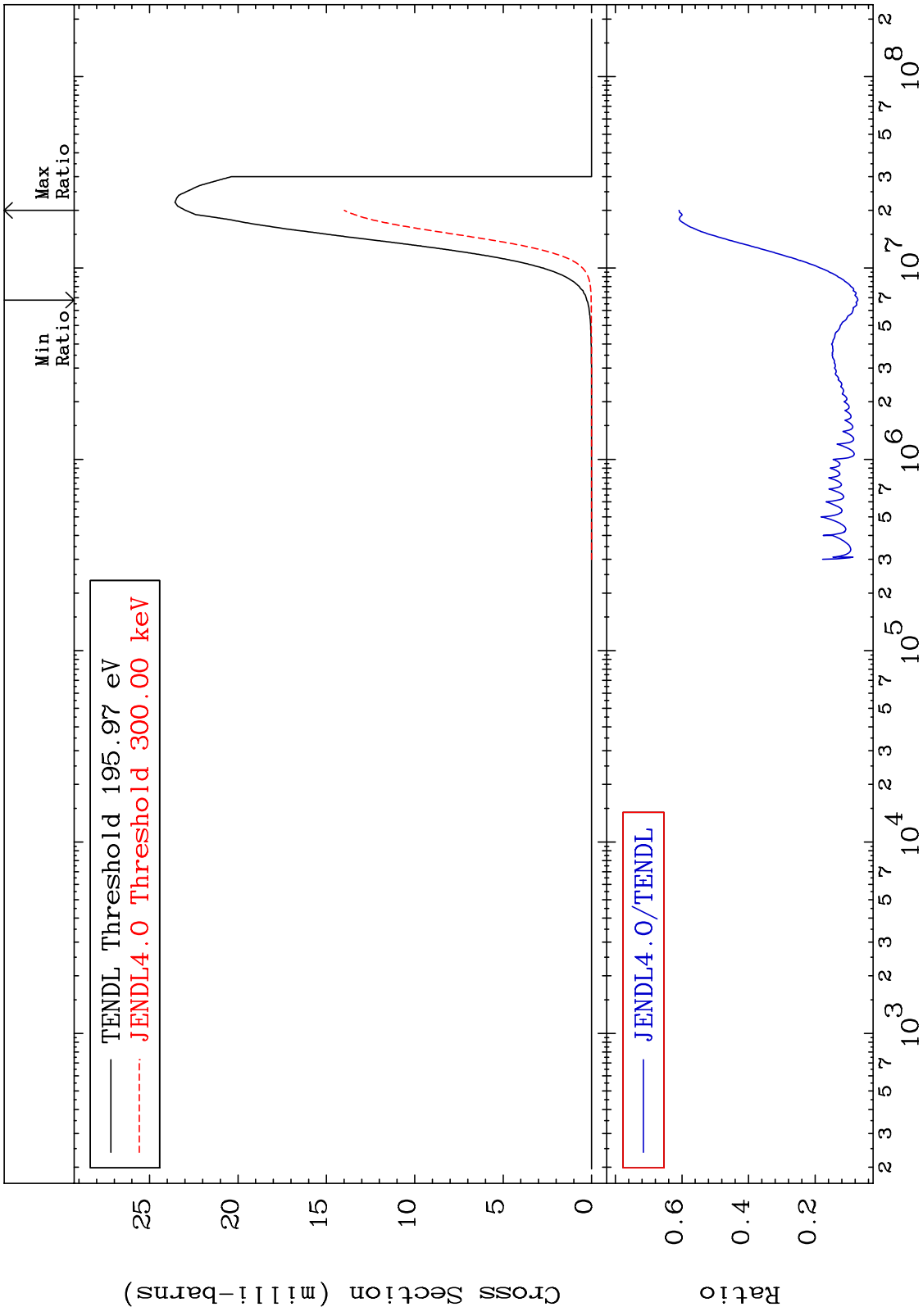
63-Eu-151

MAT 6325

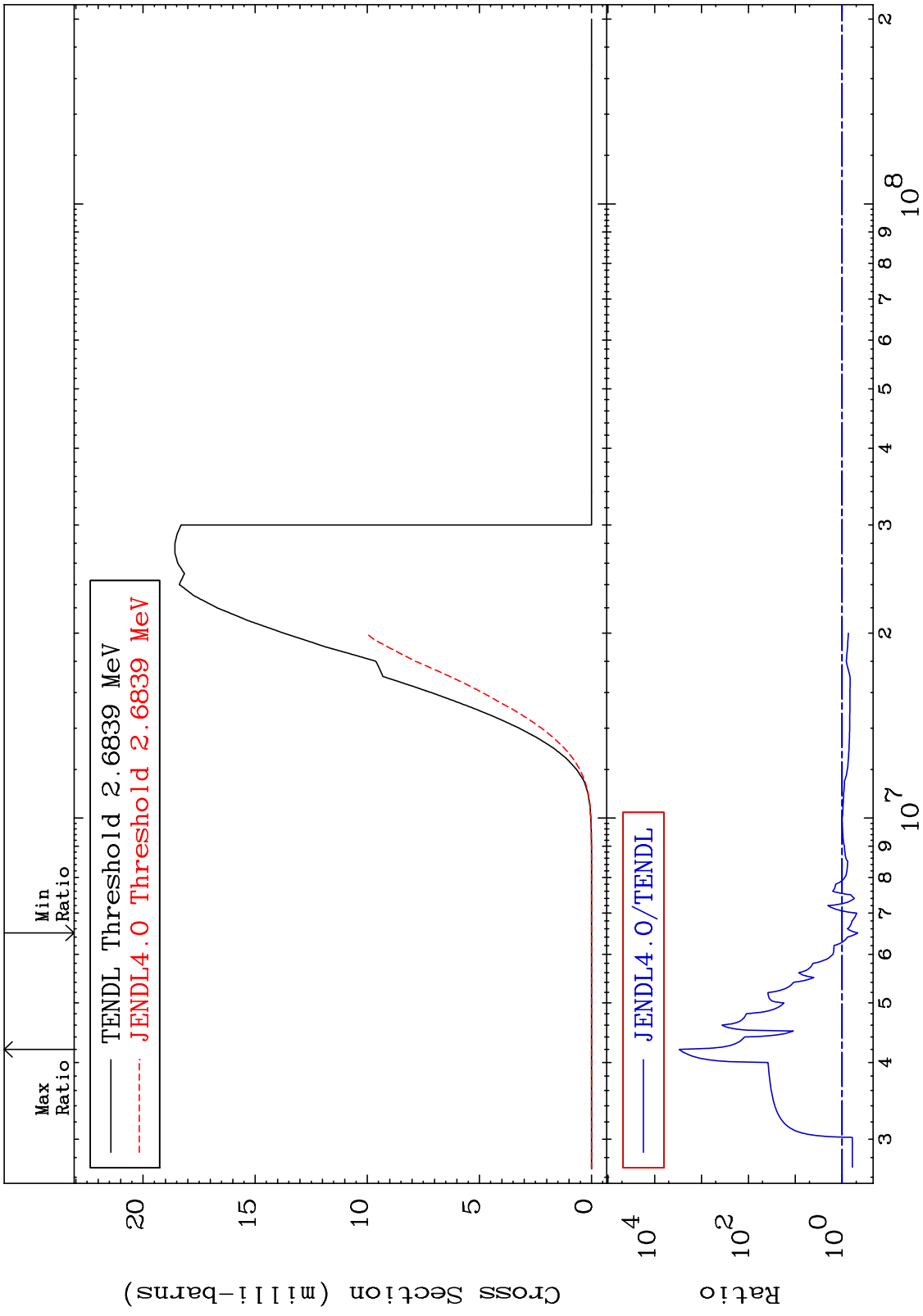
(n,  $\gamma$ ) Cross Section  
63-Eu-151  
-98.03 To 6992. %



MAT 6325 (n,p) Cross Section 63-Eu-151 -92.82 To -39.13%

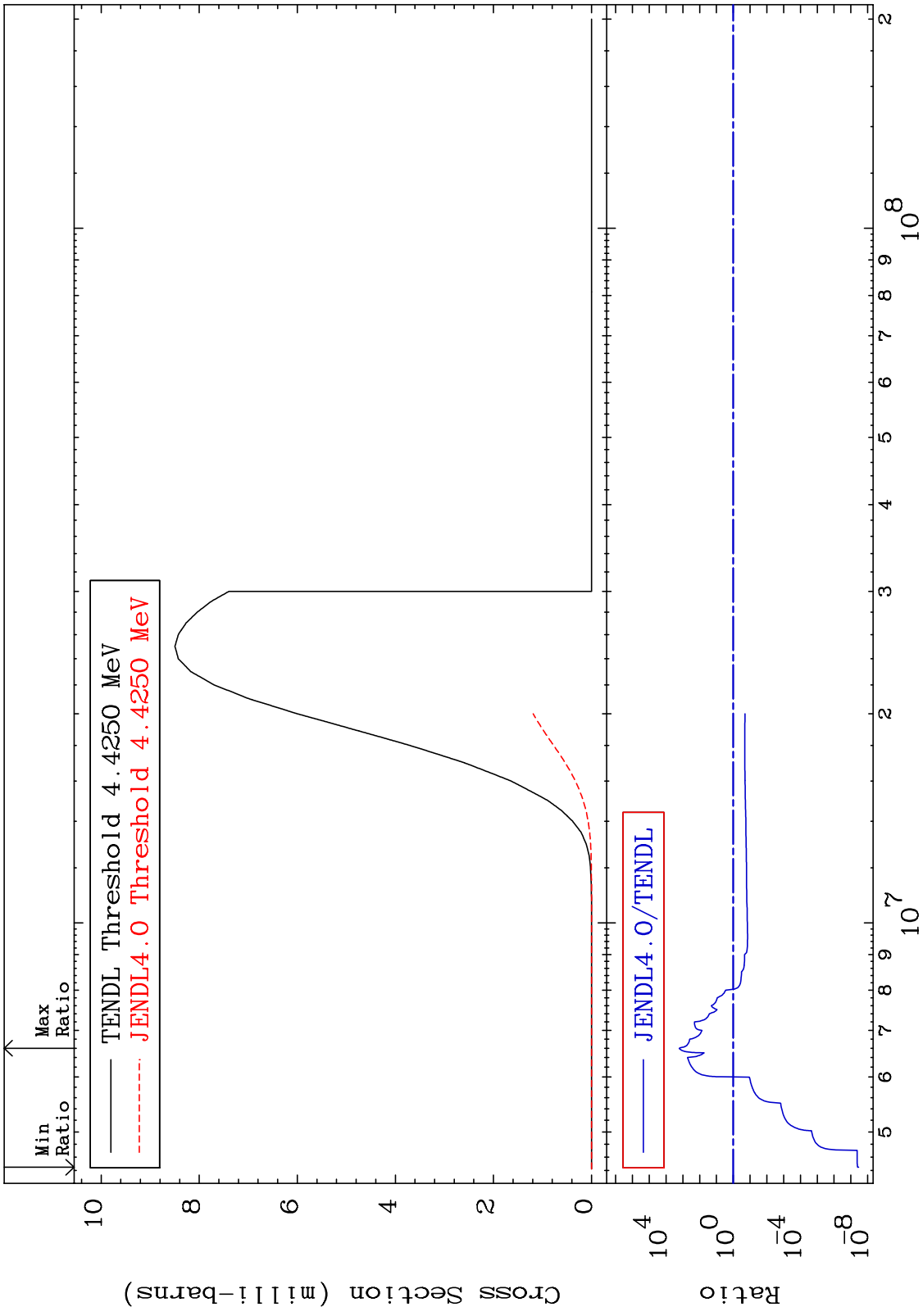


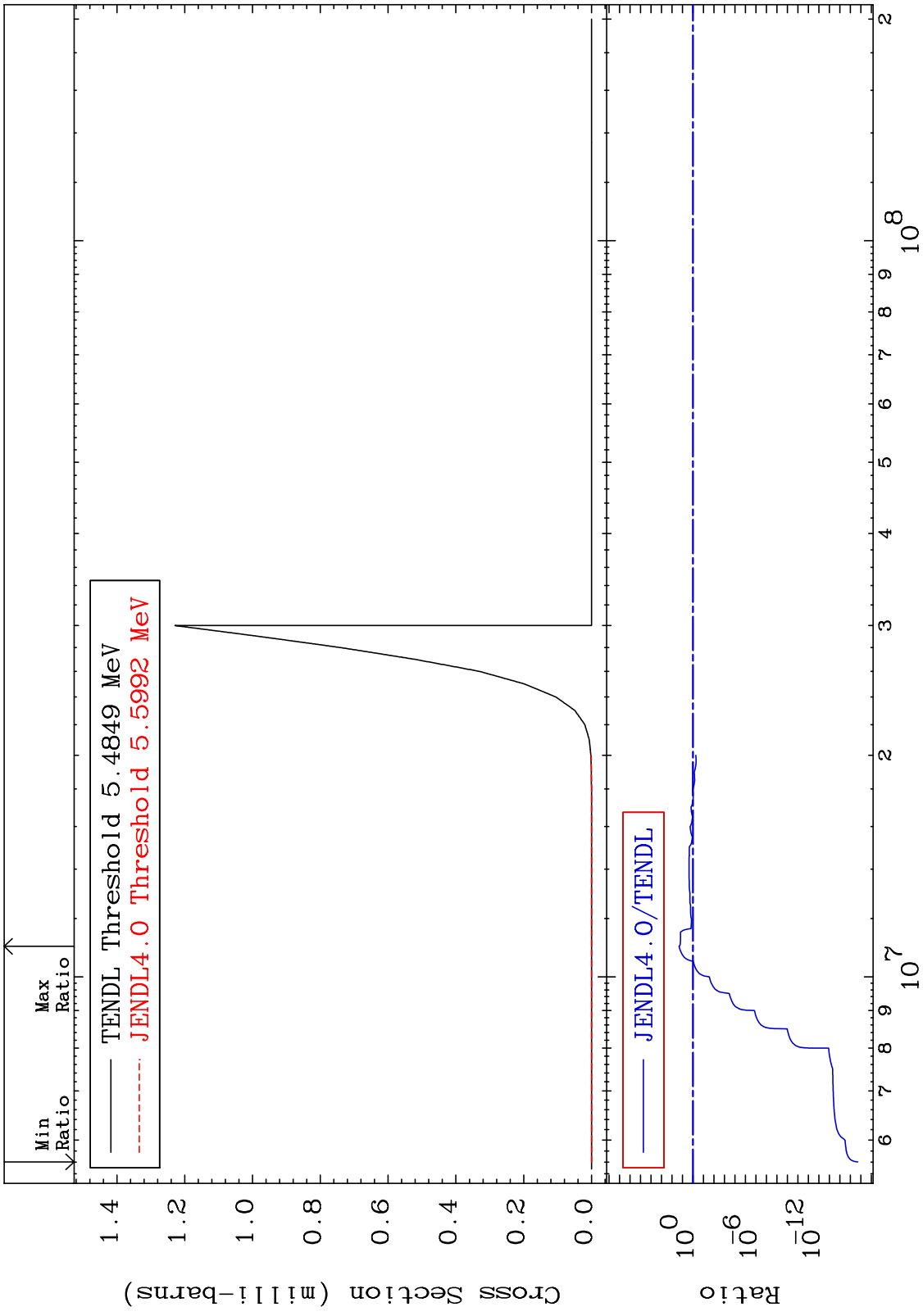
MAT 6325 (n,d) 63-Eu-151  
 Cross Section -53.79 To 9999. %



45 Incident Energy (eV) 63-Eu-151

MAT 6325 (n,t) 63-Eu-151  
Cross Section -100.0 To 9999. %







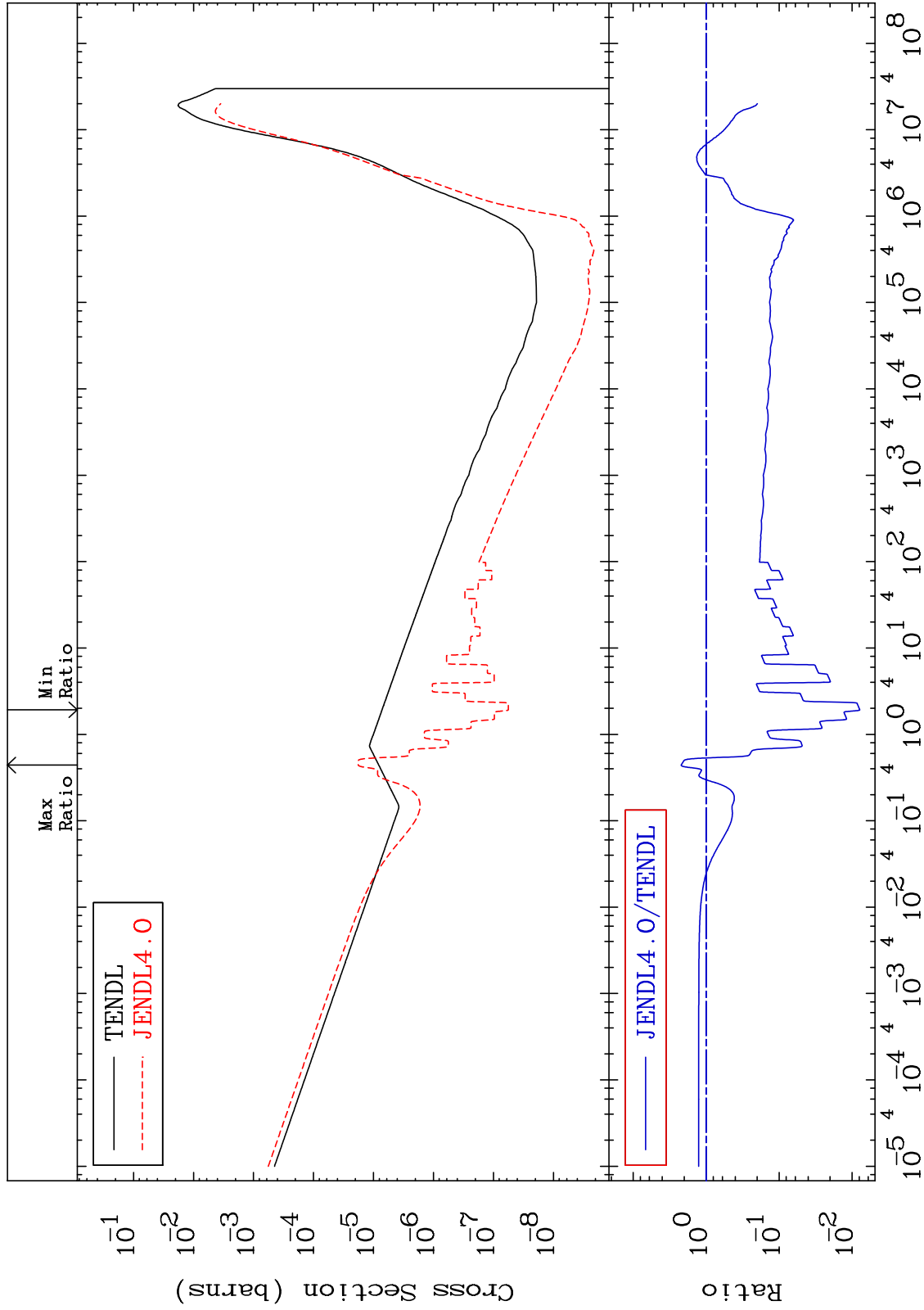
MAT 6325

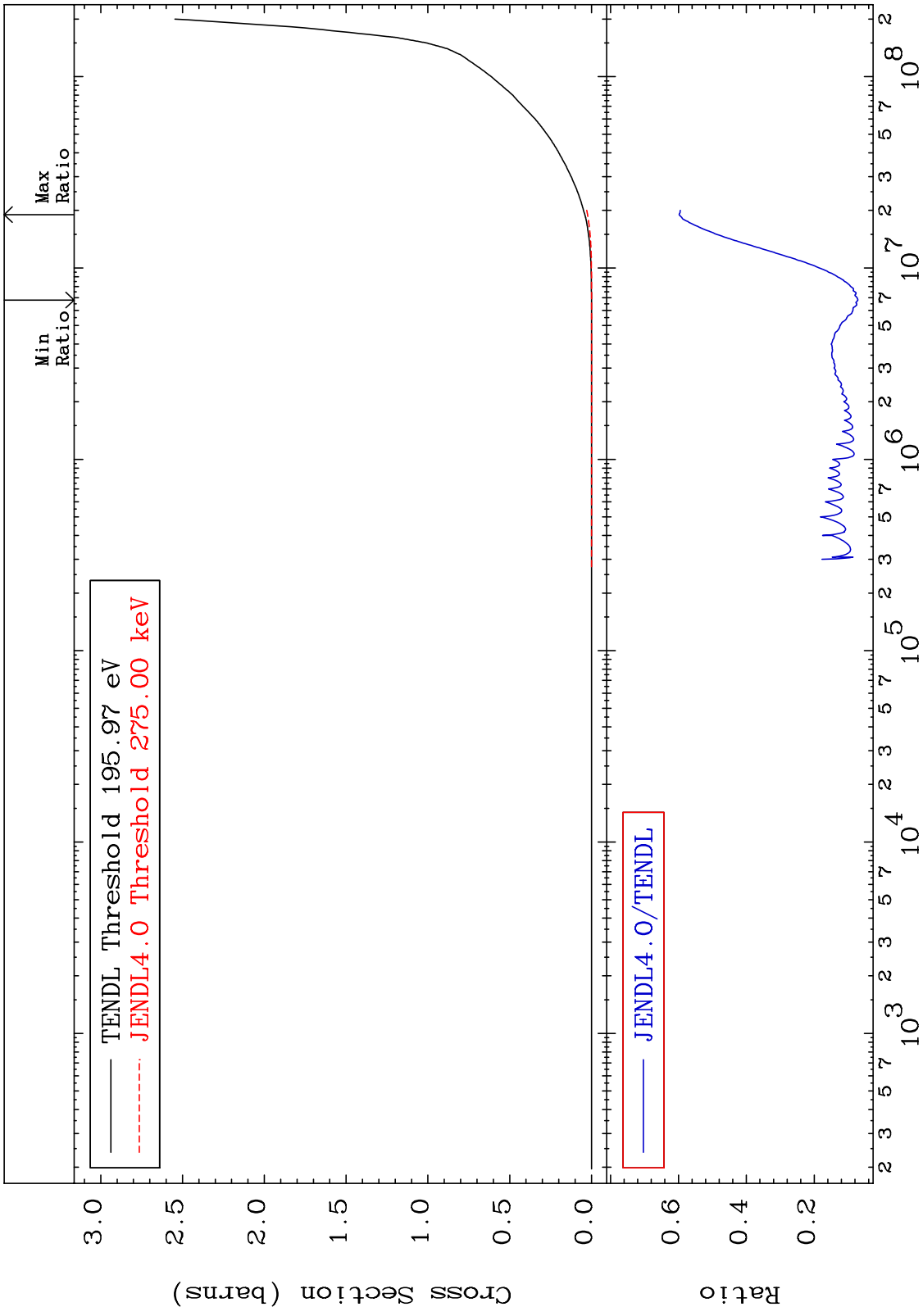
(n,  $\alpha$ )

63-Eu-151

-99.21 To 119.6 %

Cross Section

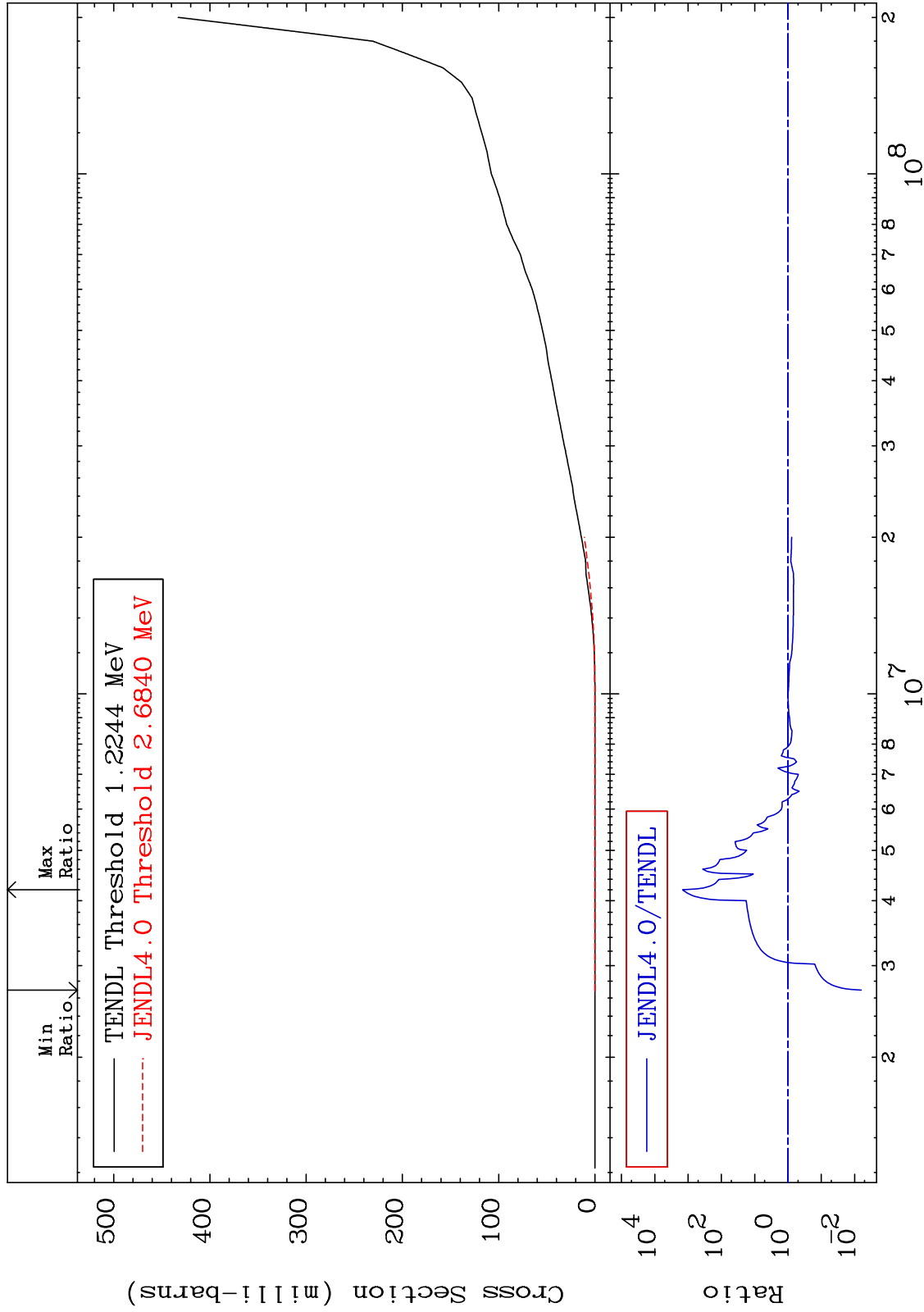


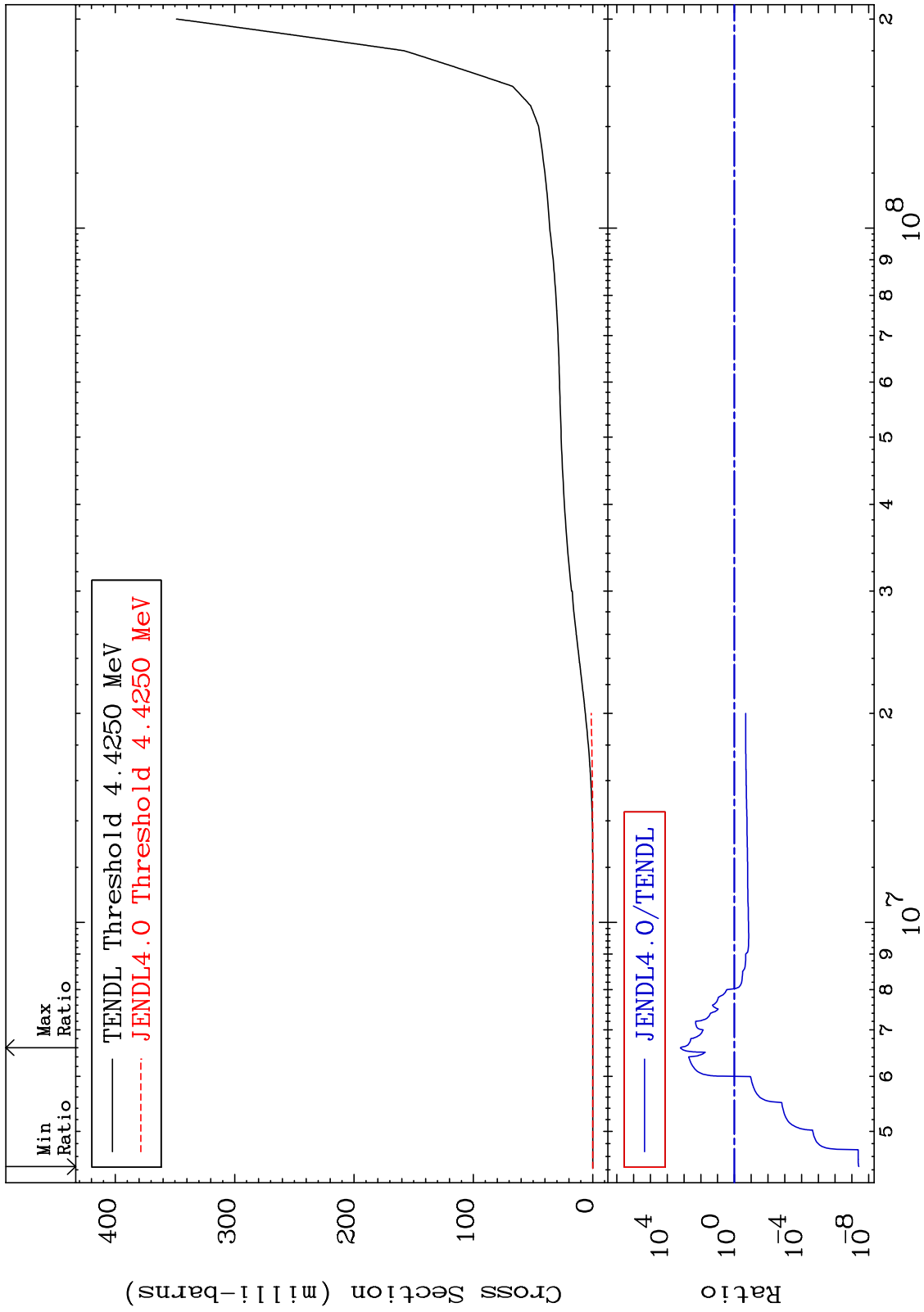


MAT 6325

Deuterium Production  
Cross Section

63-Eu-151  
-99.37 To 9999. %

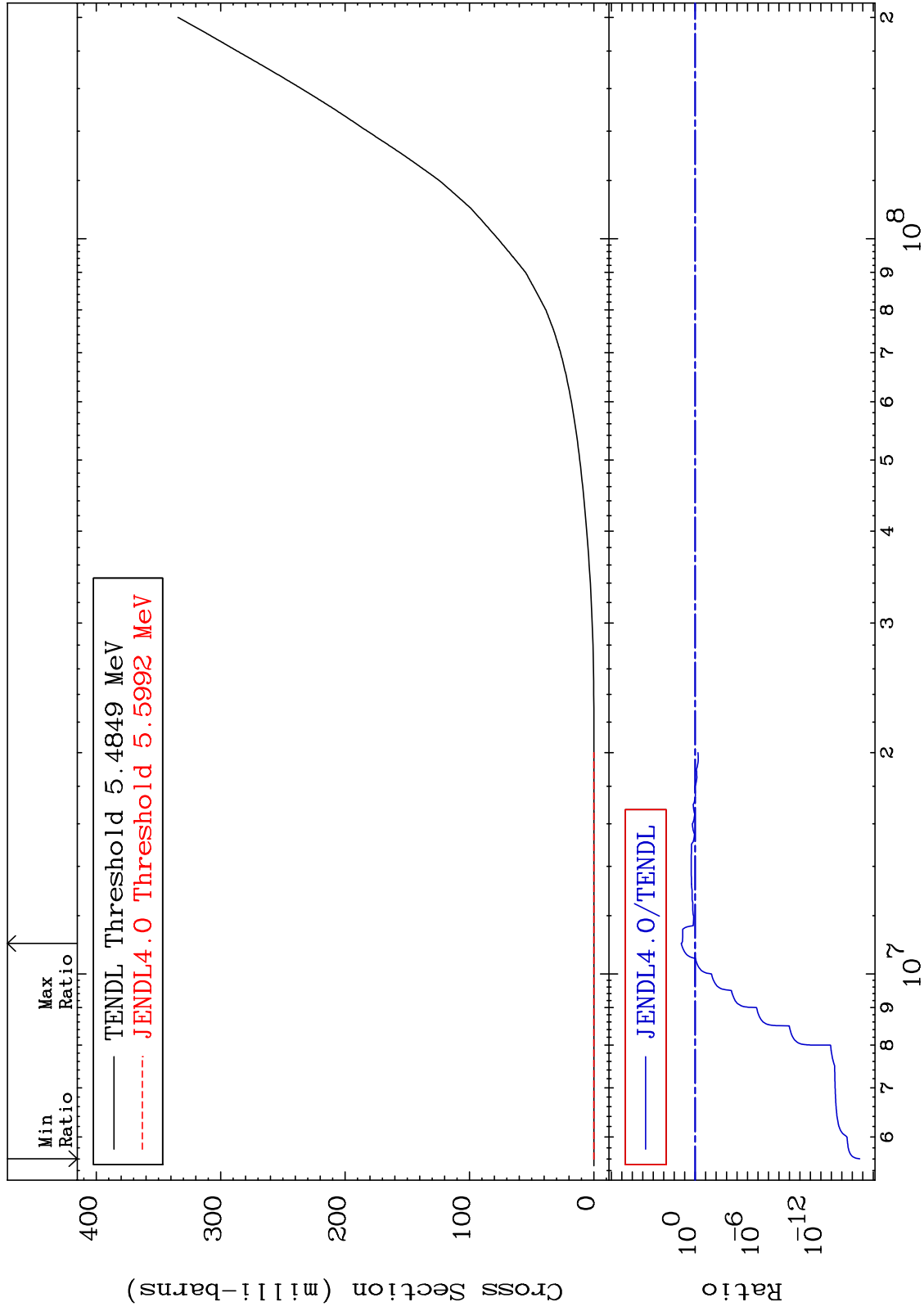




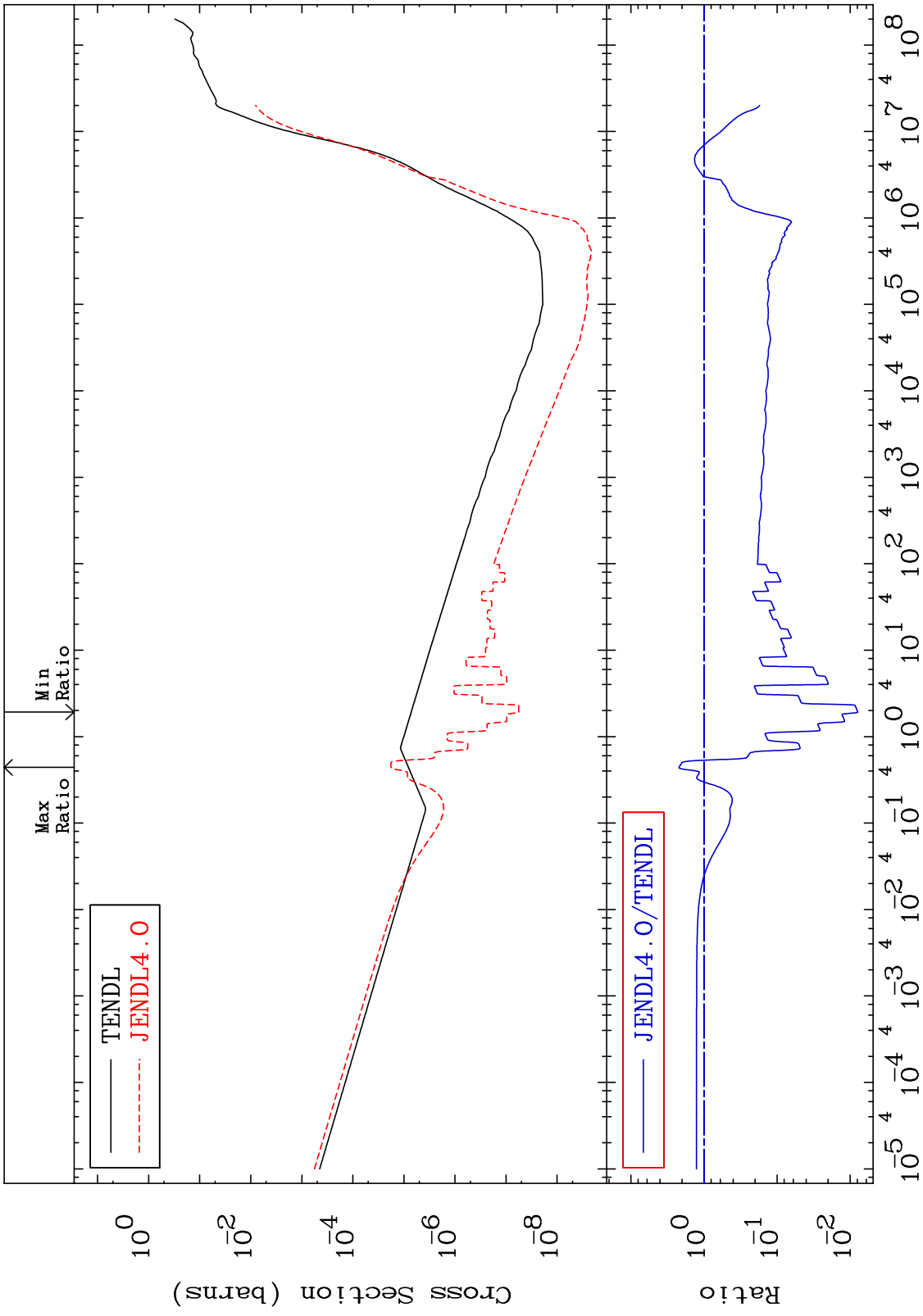
MAT 6325

He-3 Production  
Cross Section

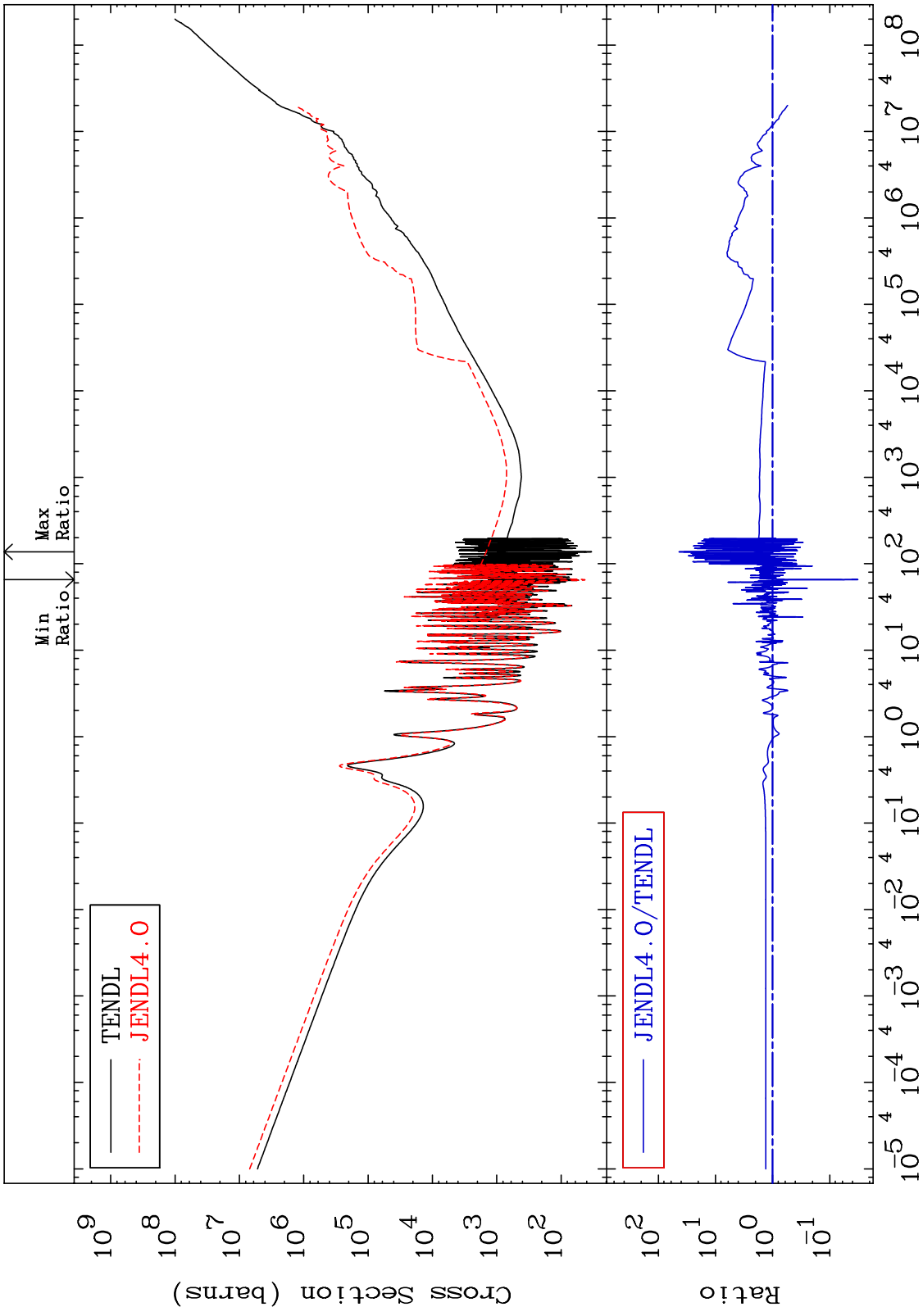
63-Eu-151  
-100.0 To 2069. %



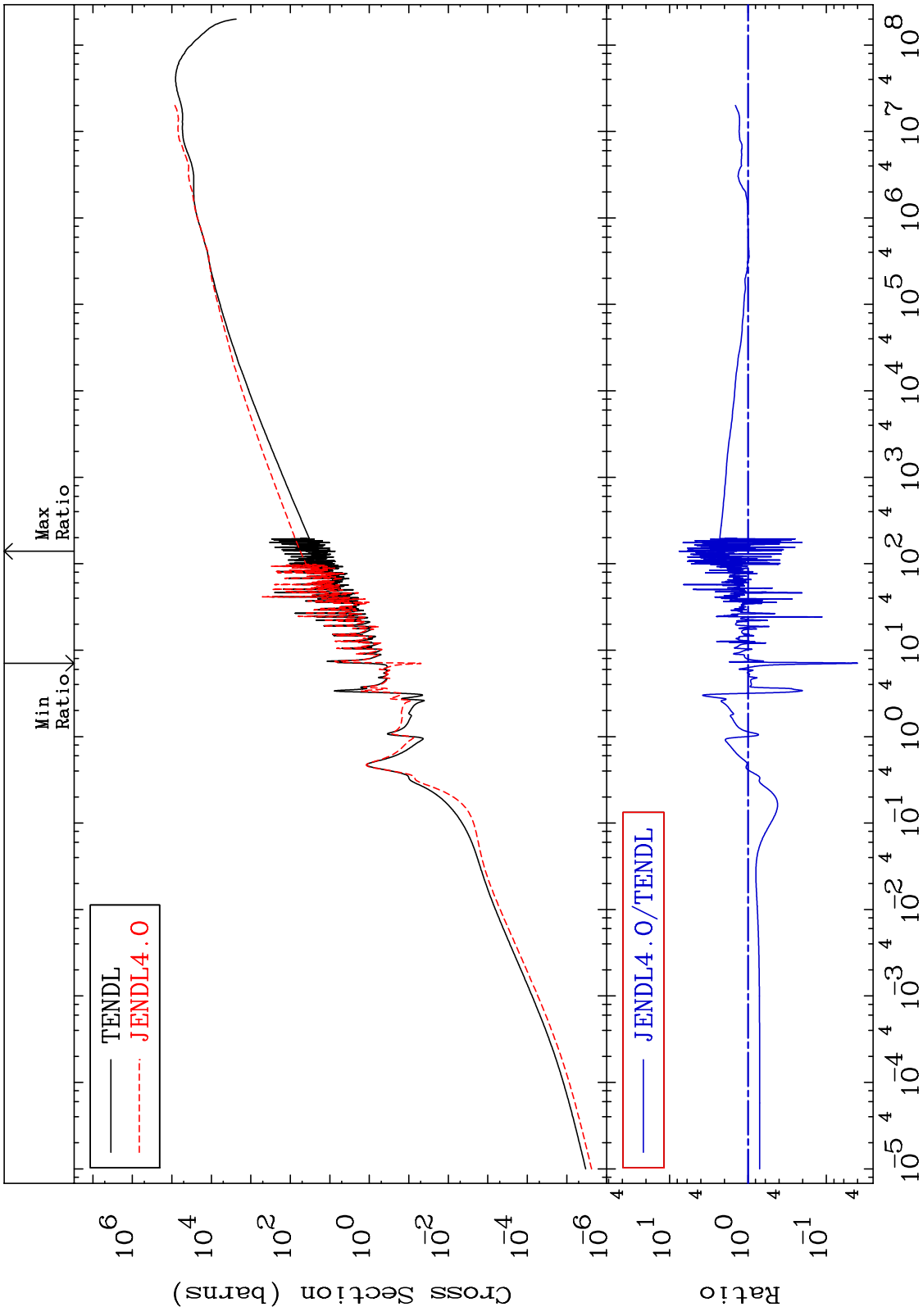
MAT 6325 He-4 Production Cross Section 63-Eu-151  
 -99.21 To 119.6 %



MAT 6325 Kerma total (eV-barns) 63-Eu-151  
 Cross Section -96.78 To 4250. %

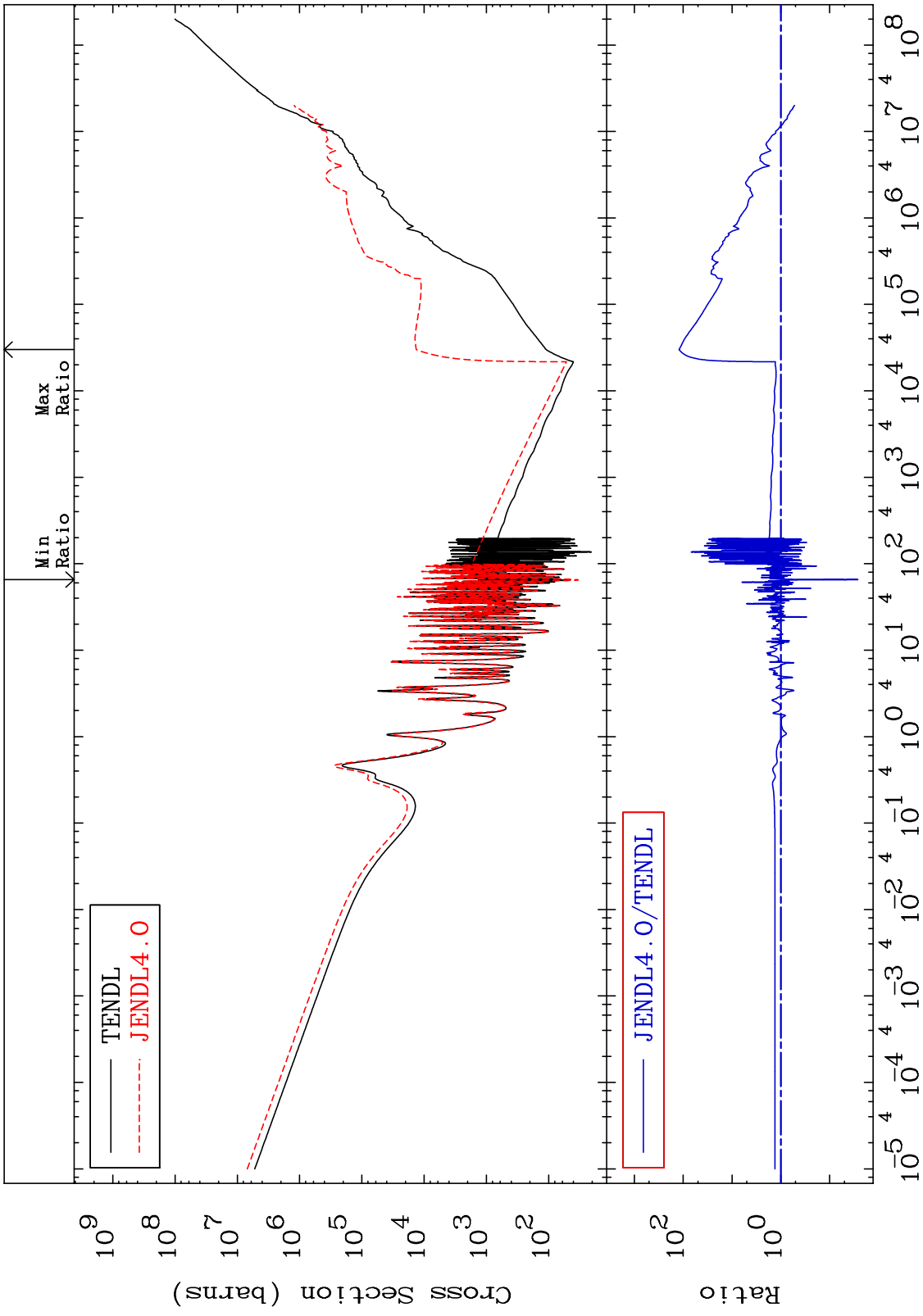


MAT 6325 63-Eu-151  
-96.04 To 658.3 %  
 Kerma elastic Cross Section

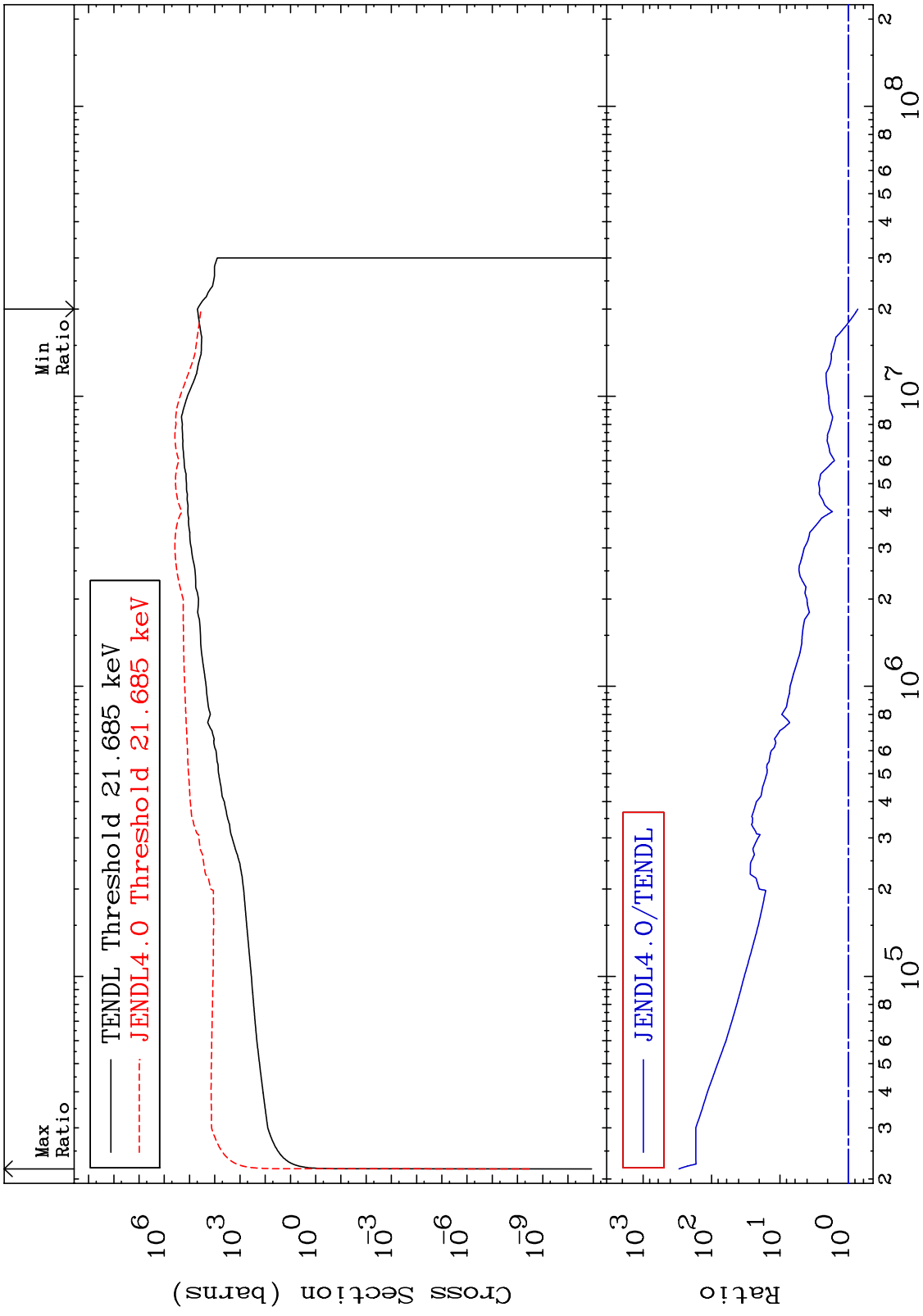




MAT 6325      Kerma non-elastic (all but mt2)      63-Eu-151  
 -97.35 To 9999. %  
 Cross Section



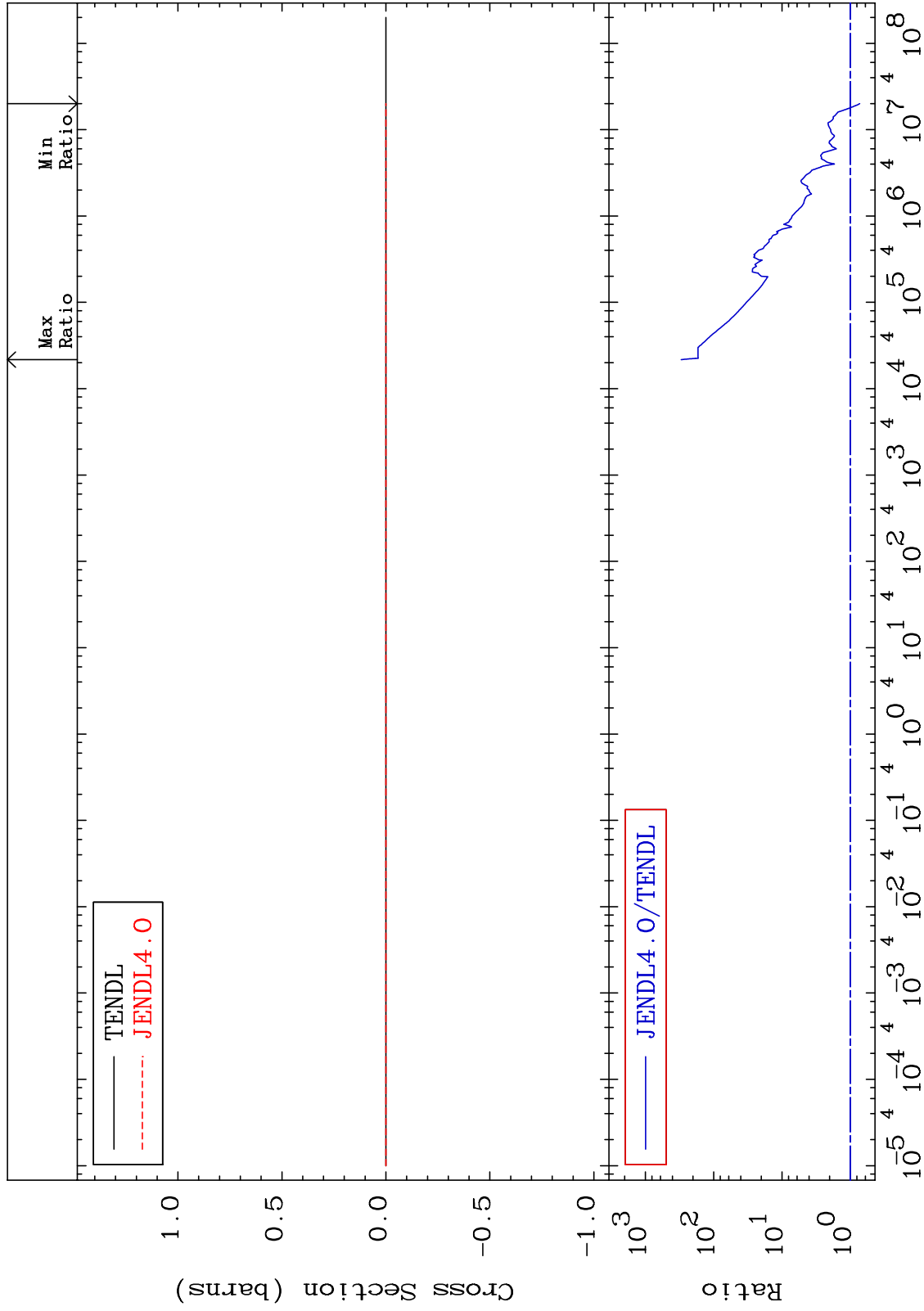
MAT 6325      Kerma inelastic (mt51-91)      63-Eu-151  
 -27.46 To 9999. %  
 Cross Section



MAT 6325

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

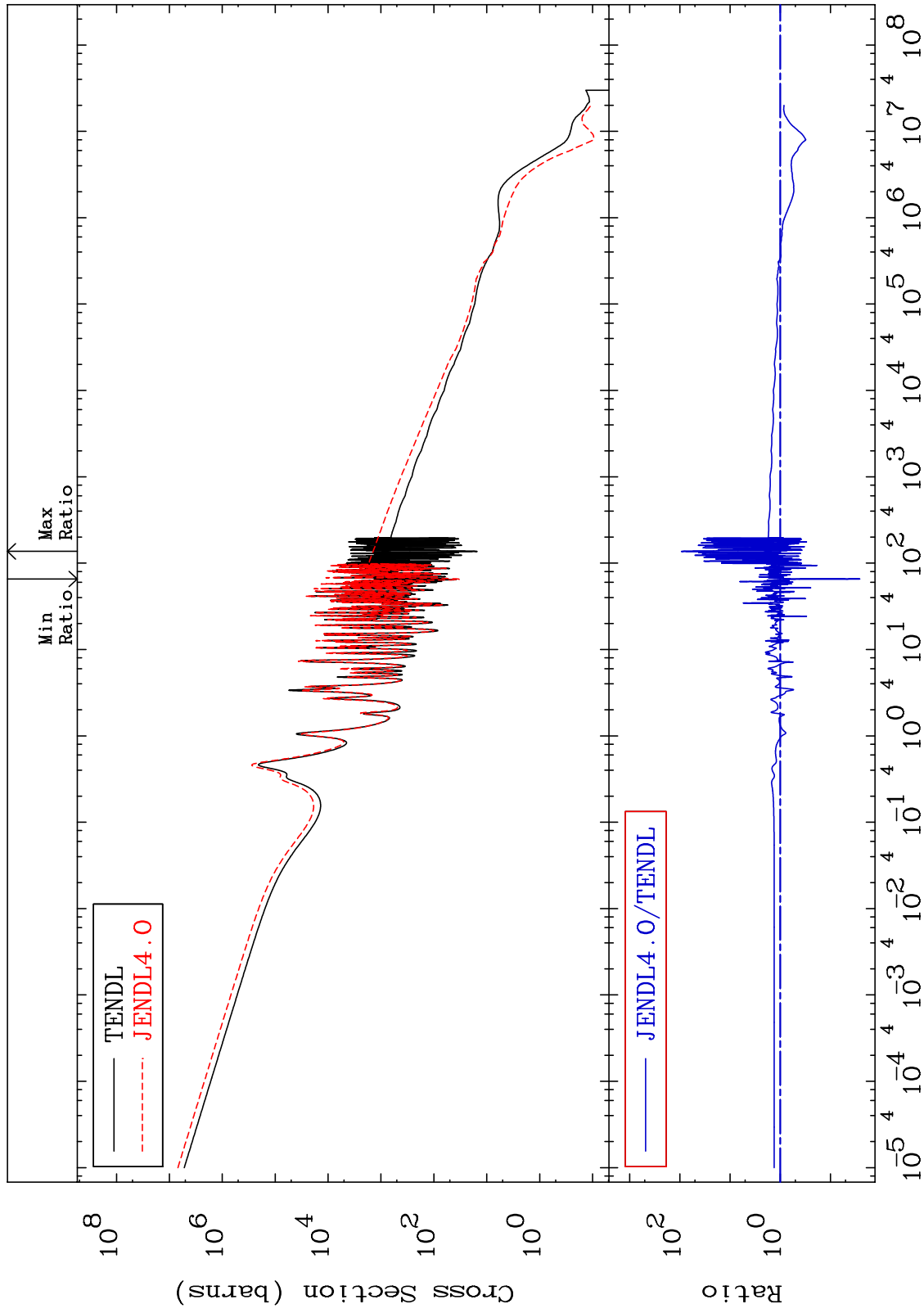
63-Eu-151  
-27.46 To 9999. %



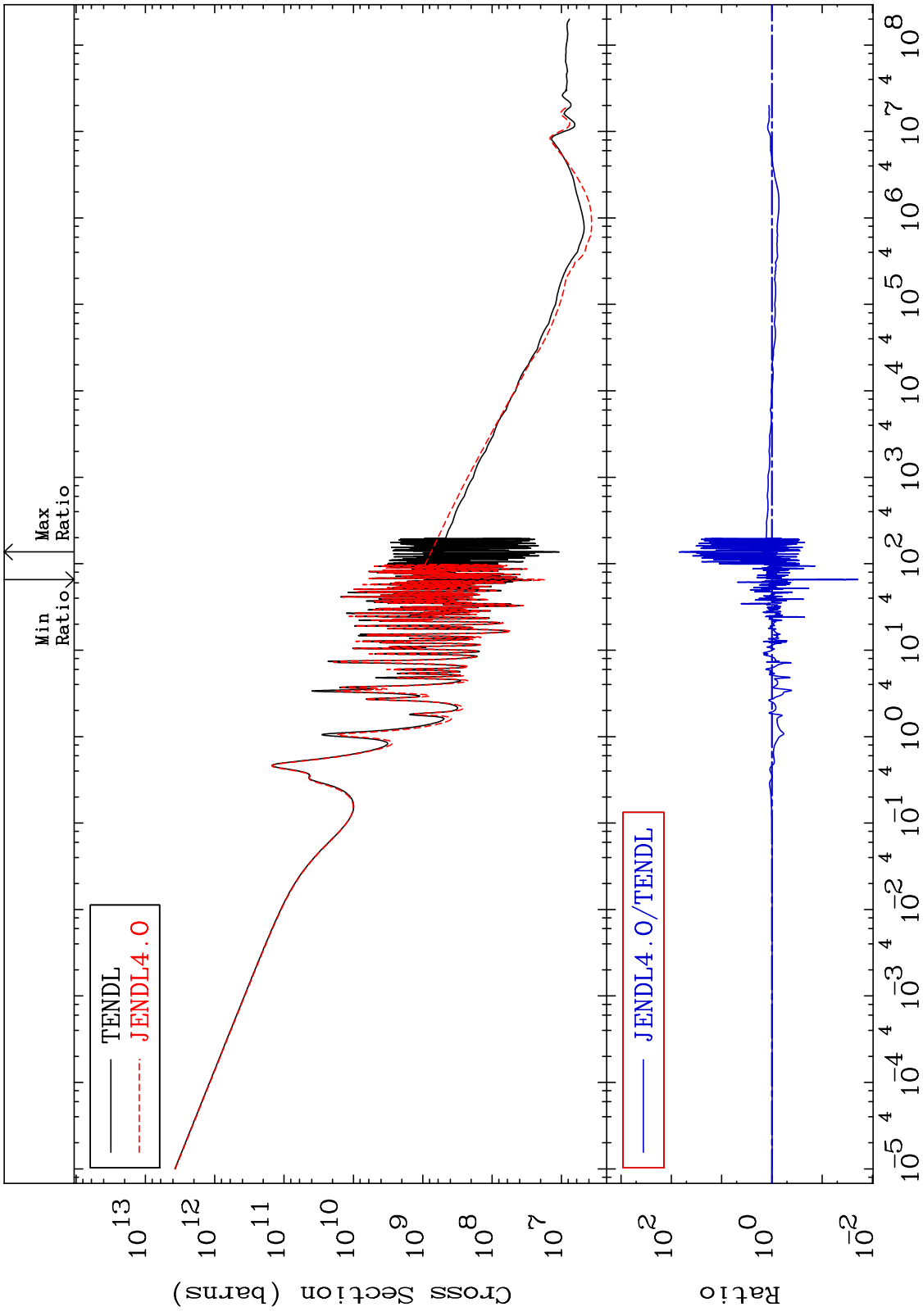
MAT 6325

Kerma capture (mt102)  
Cross Section

63-Eu-151  
-97.40 To 9248. %

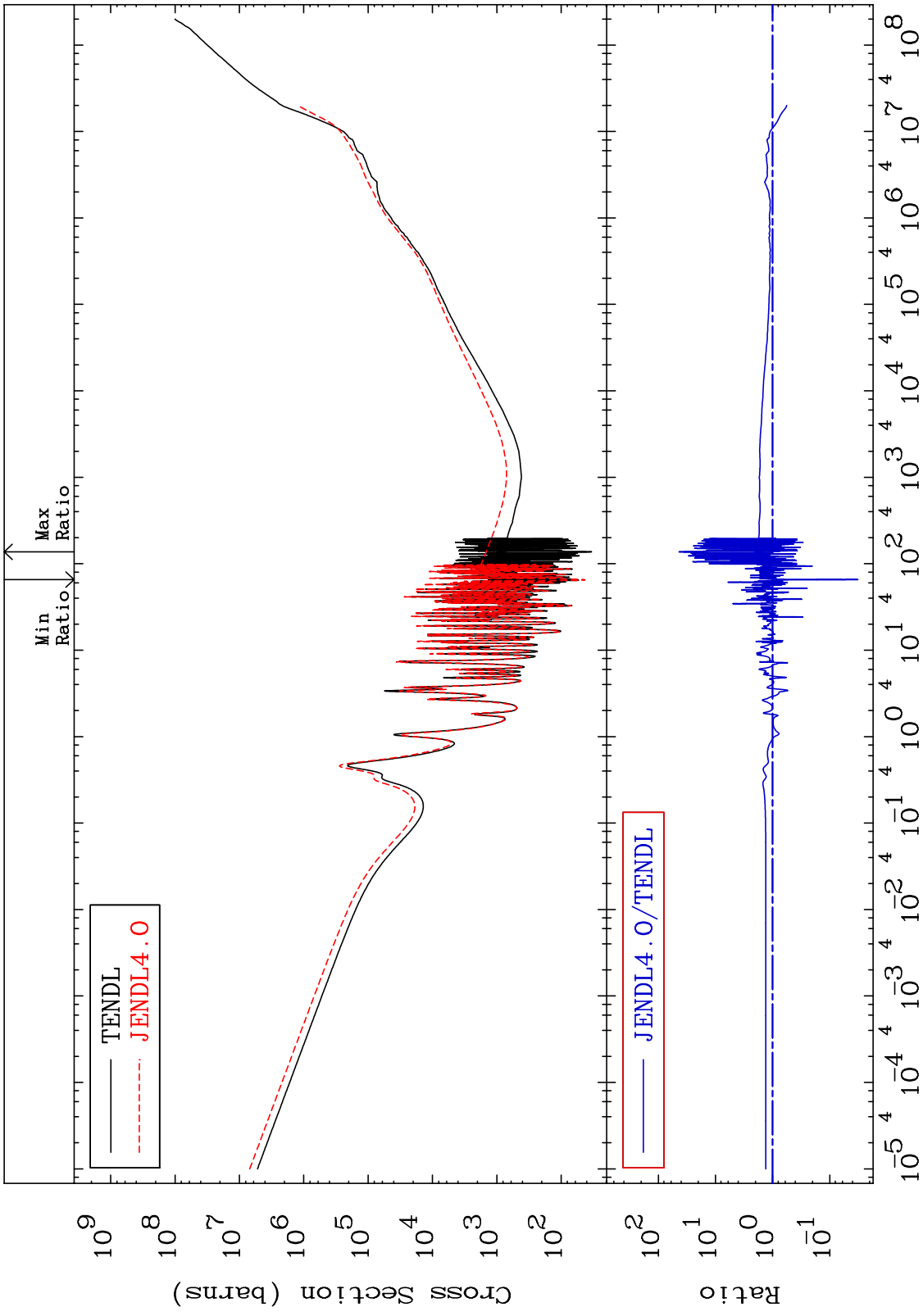


MAT 6325 Total photon (eV-barns) 63-Eu-151  
Cross Section -98.05 To 6908. %



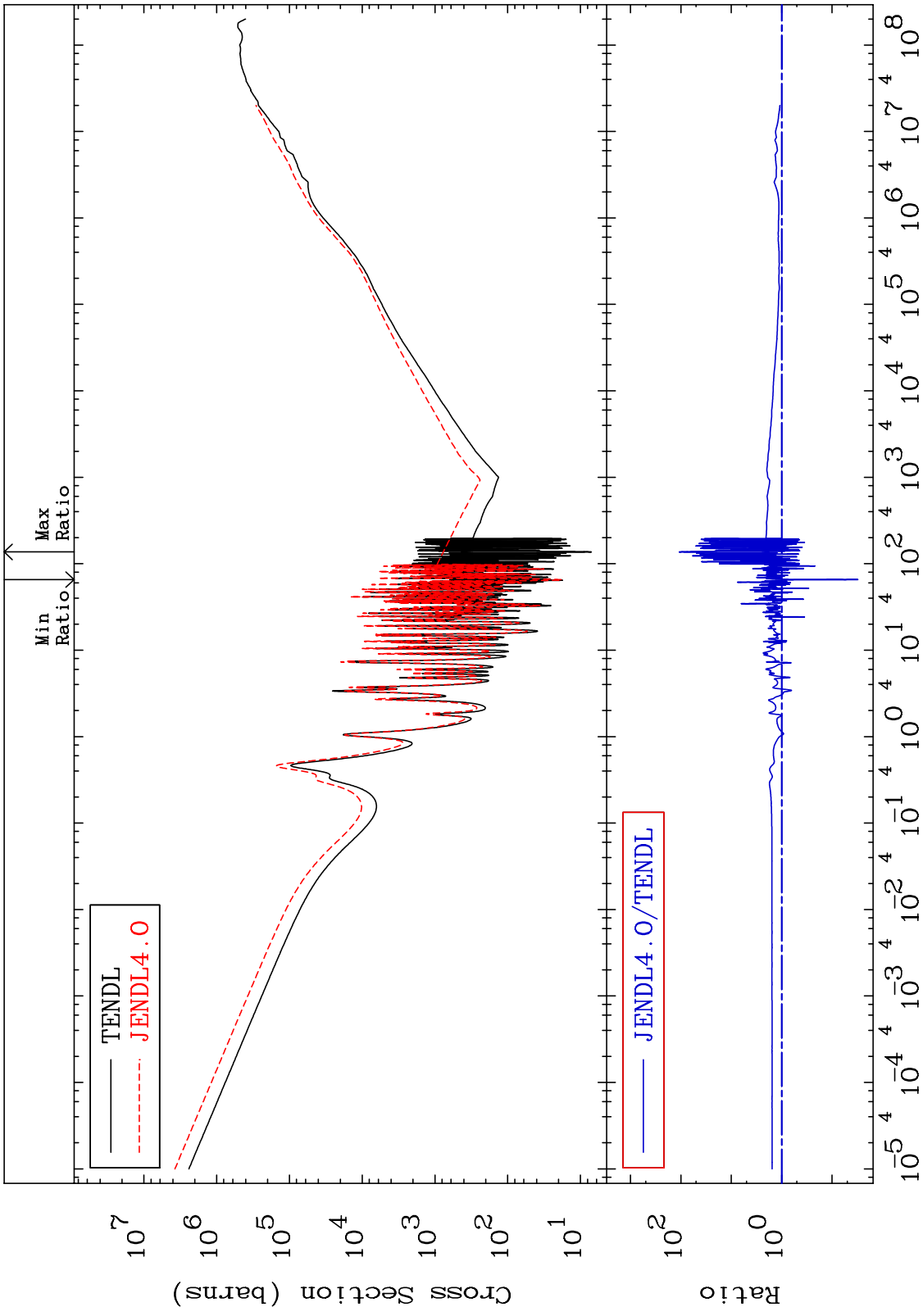
60 63-Eu-151

MAT 6325      Total kinematic kerma (high limit)      63-Eu-151  
 Cross Section      -96.78 To 4247. %



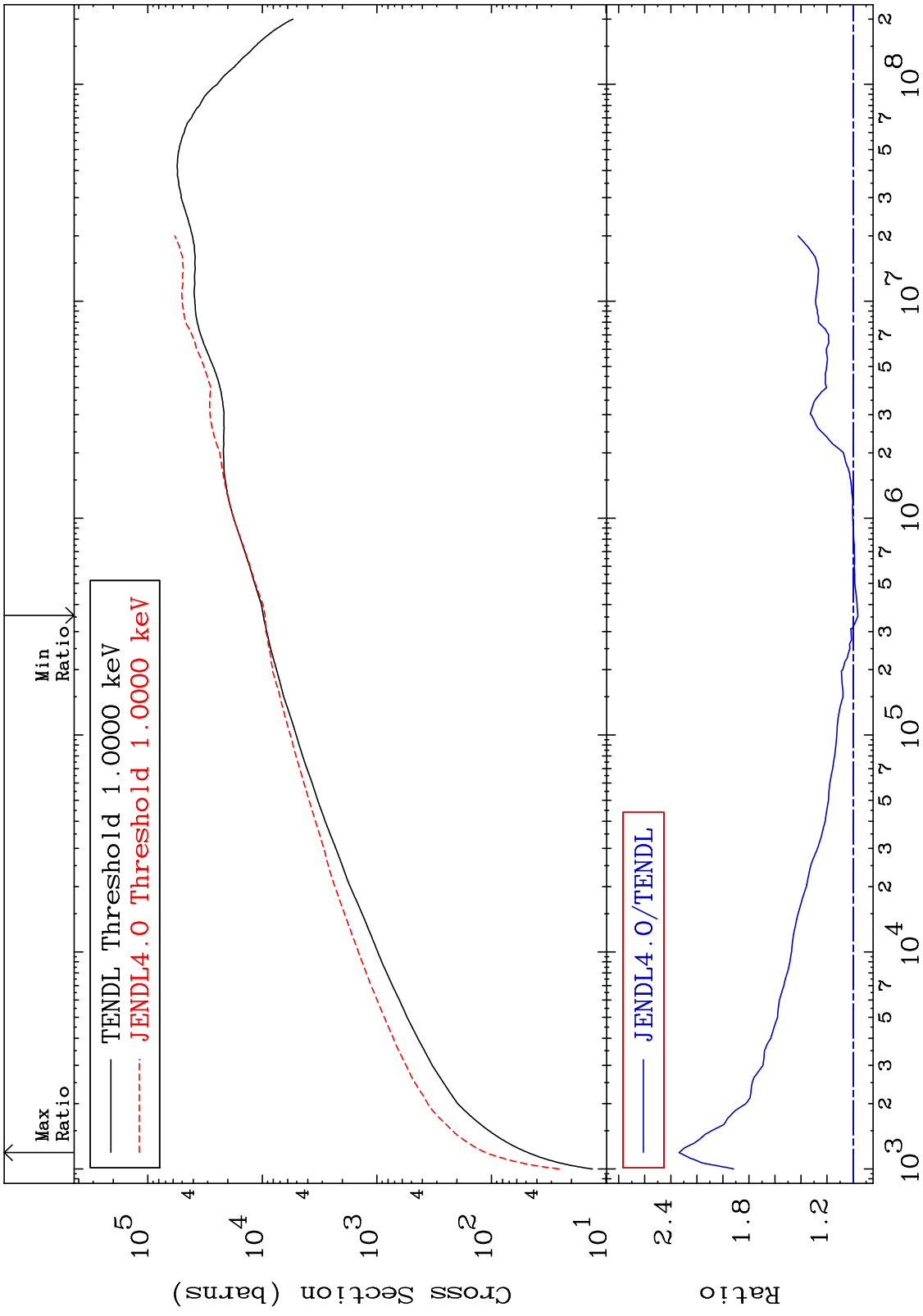
61      Incident Energy (eV)      63-Eu-151

MAT 6325      Dpa total (eV-barns)      63-Eu-151  
Cross Section      -96.92 To 9999. %



62      Incident Energy (eV)      63-Eu-151

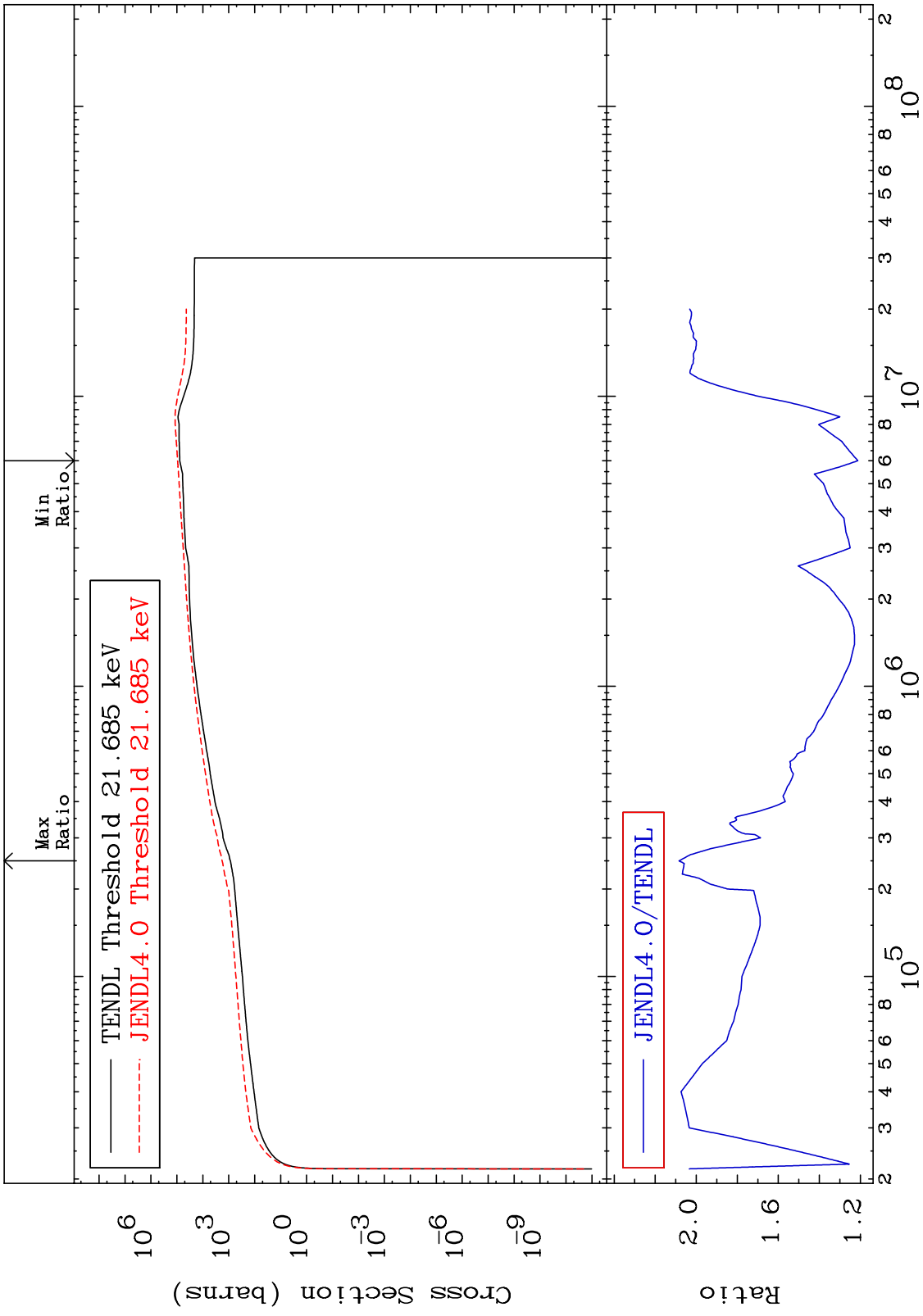
MAT 6325      Dpa elastic (mt2)      63-Eu-151  
Cross Section      -3.621 To 133.7 %



63      63-Eu-151



MAT 6325      Dpa inelastic (mt51-91)      63-Eu-151  
 Cross Section      21.22 To 108.4 %



MAT 6325      Dpa disappearance (mt102 -120)      63-Eu-151  
 Cross Section      -96.92 To 9999. %

