

Program Complot  
(Version 2018-1)

by

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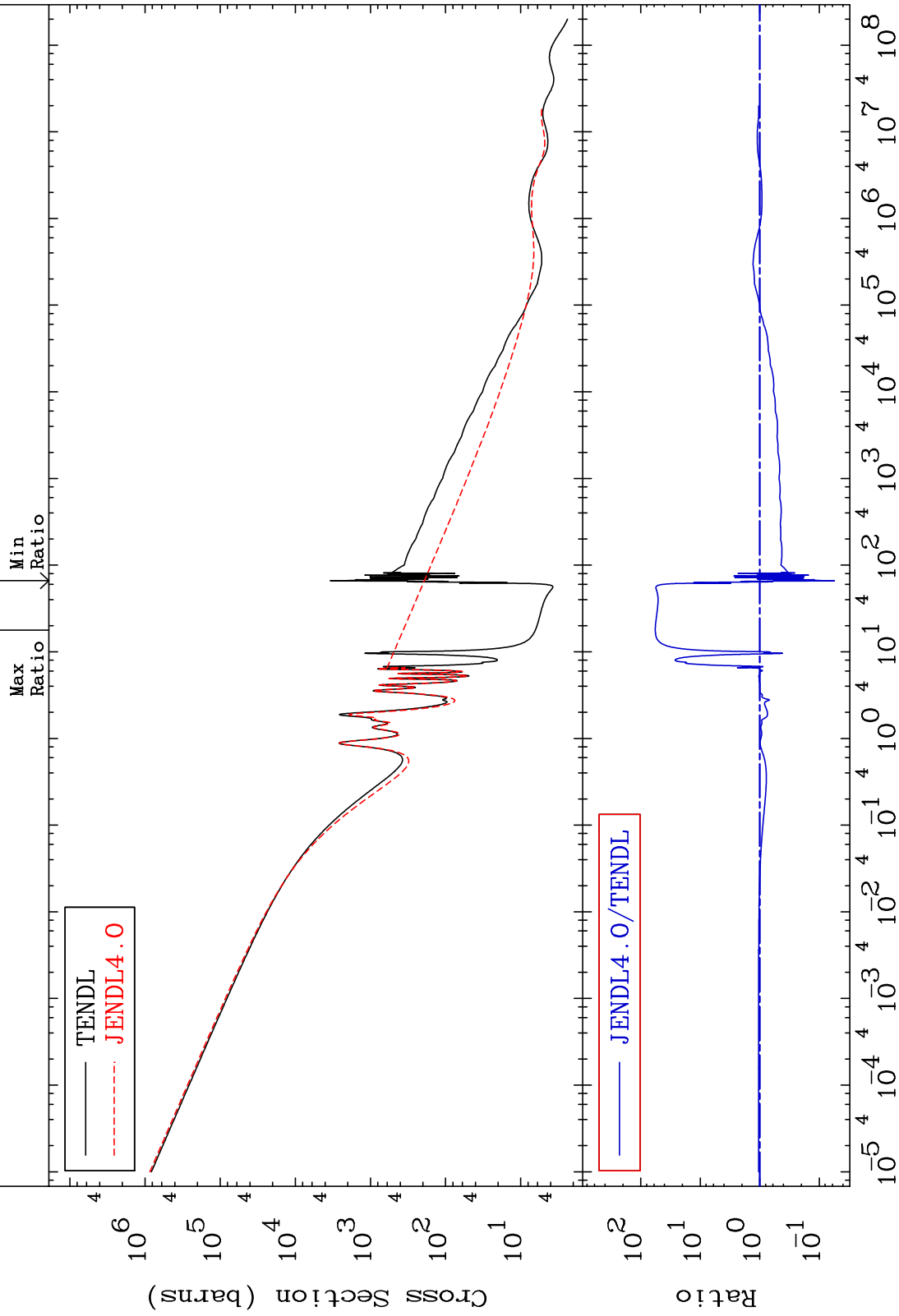
Press Mouse Button to Start

MAT 6328

63-Eu-152

-94.46 To 5619. %

Total  
Cross Section



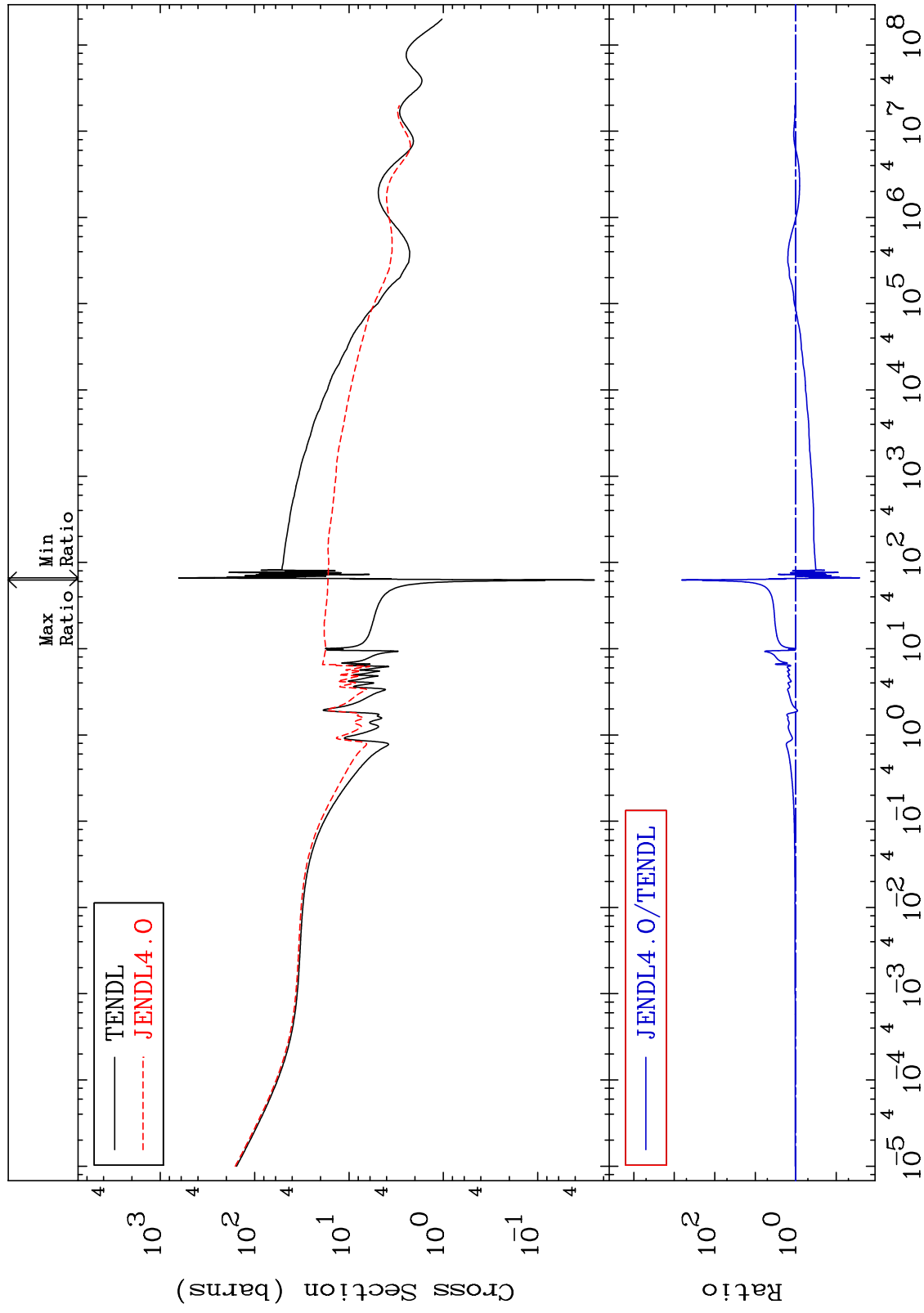
Incident Energy (eV)

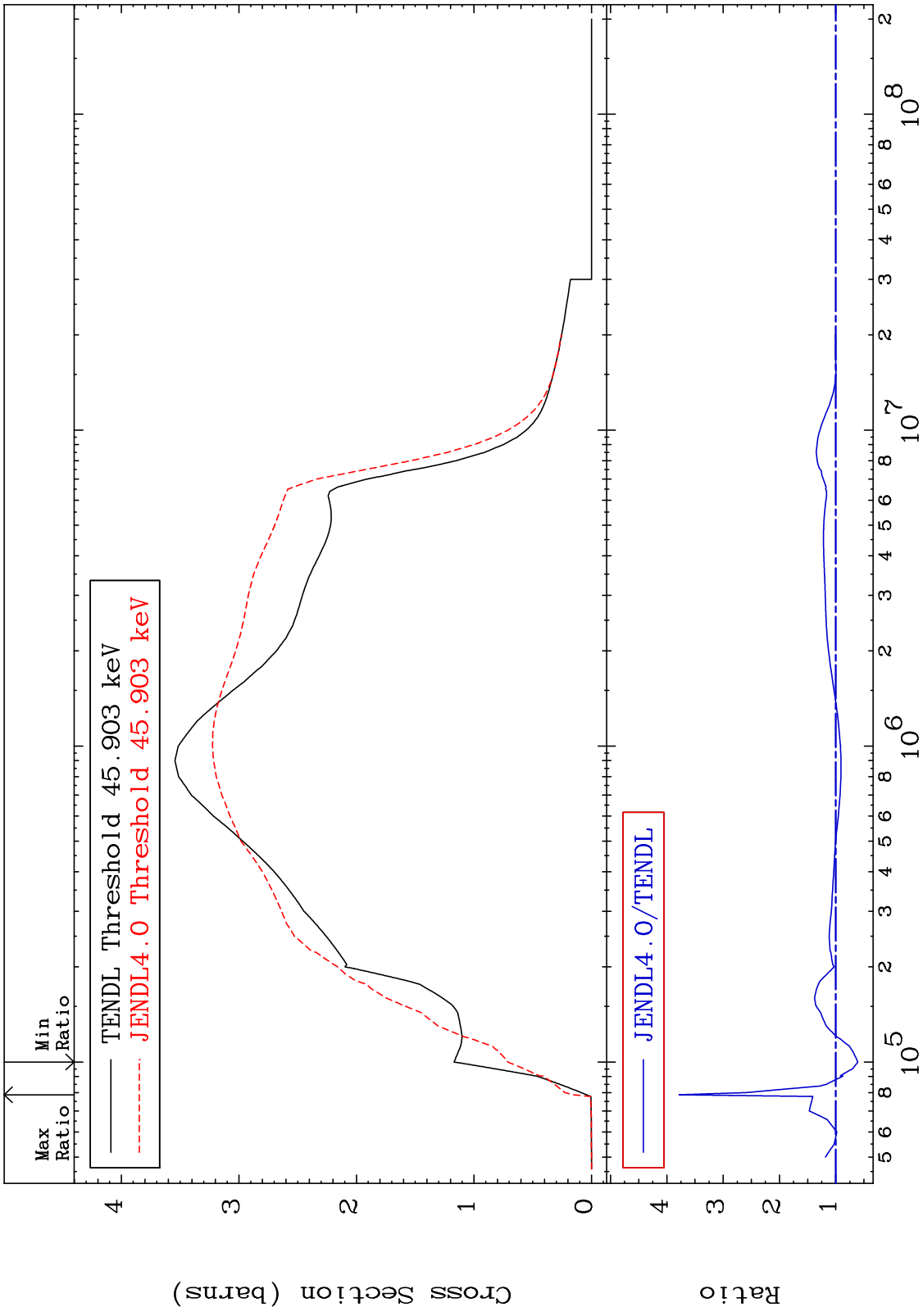
63-Eu-152

MAT 6328

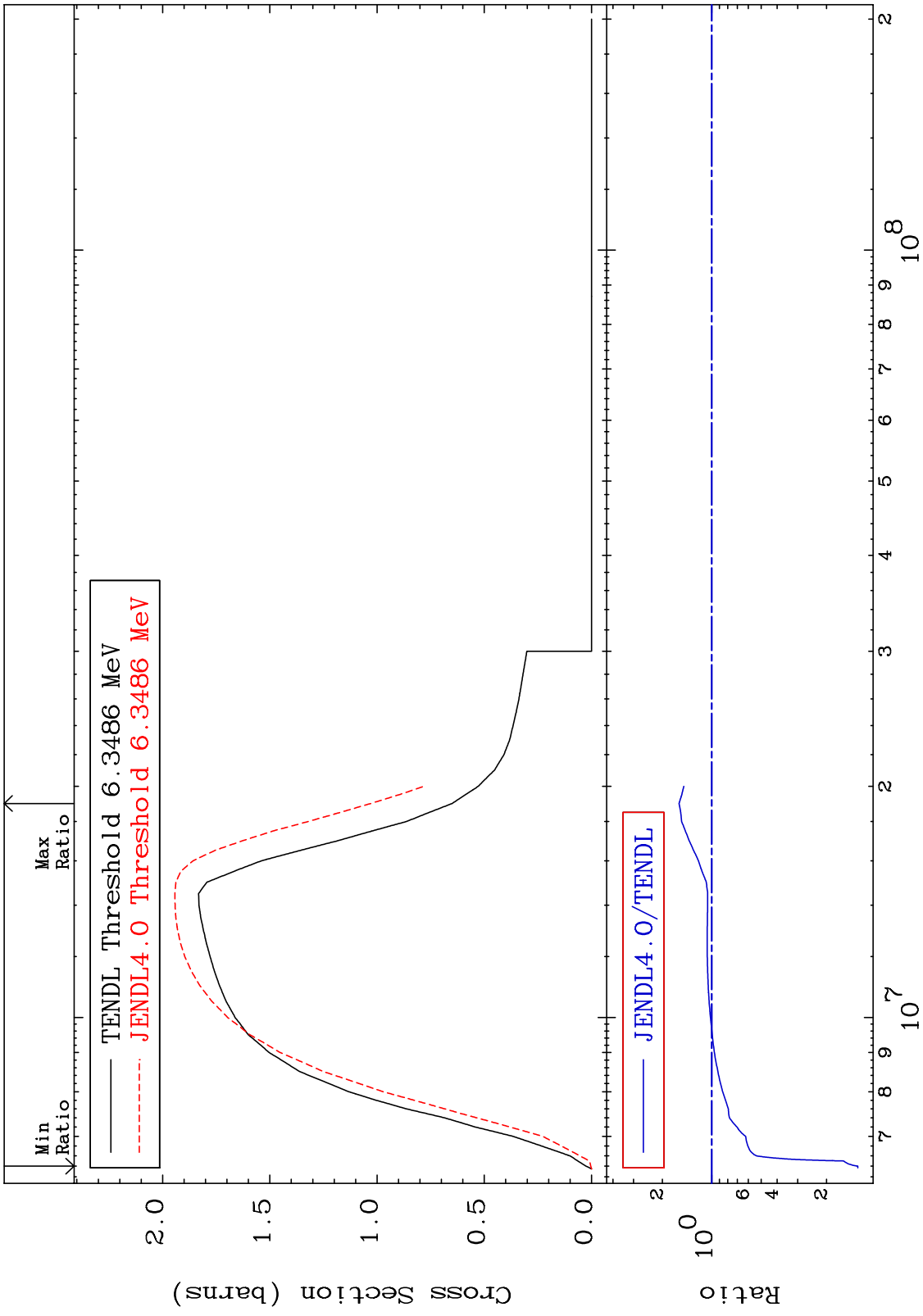
Elastic  
Cross Section

63-Eu-152  
-97.39 To 9999. %



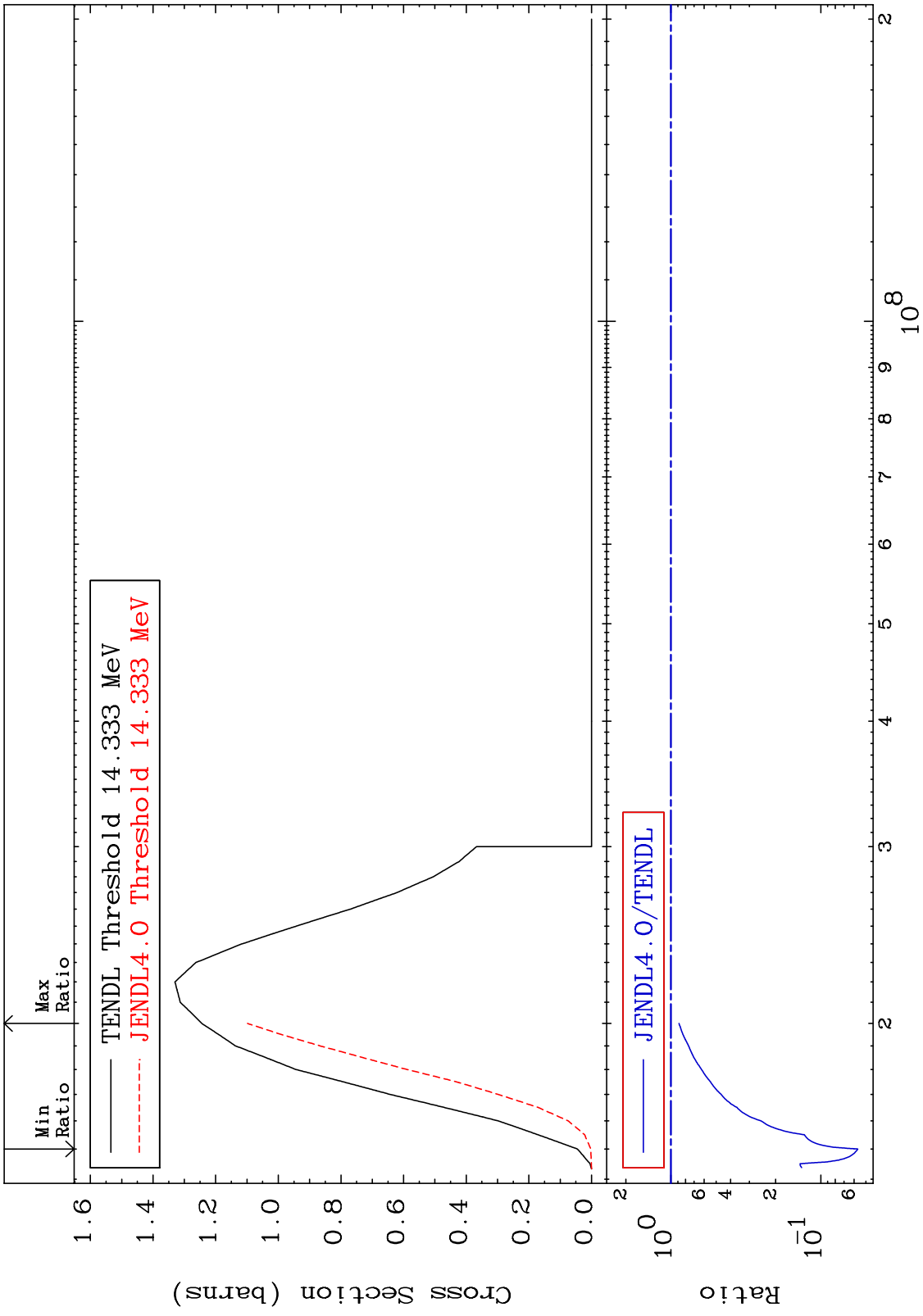


MAT 6328 63-Eu-152  
-87.11 To 58.43 %  
(n,2n)  
Cross Section



4 63-Eu-152

MAT 6328 (n,3n) Cross Section 63-Eu-152 -94.34 To -11.73%



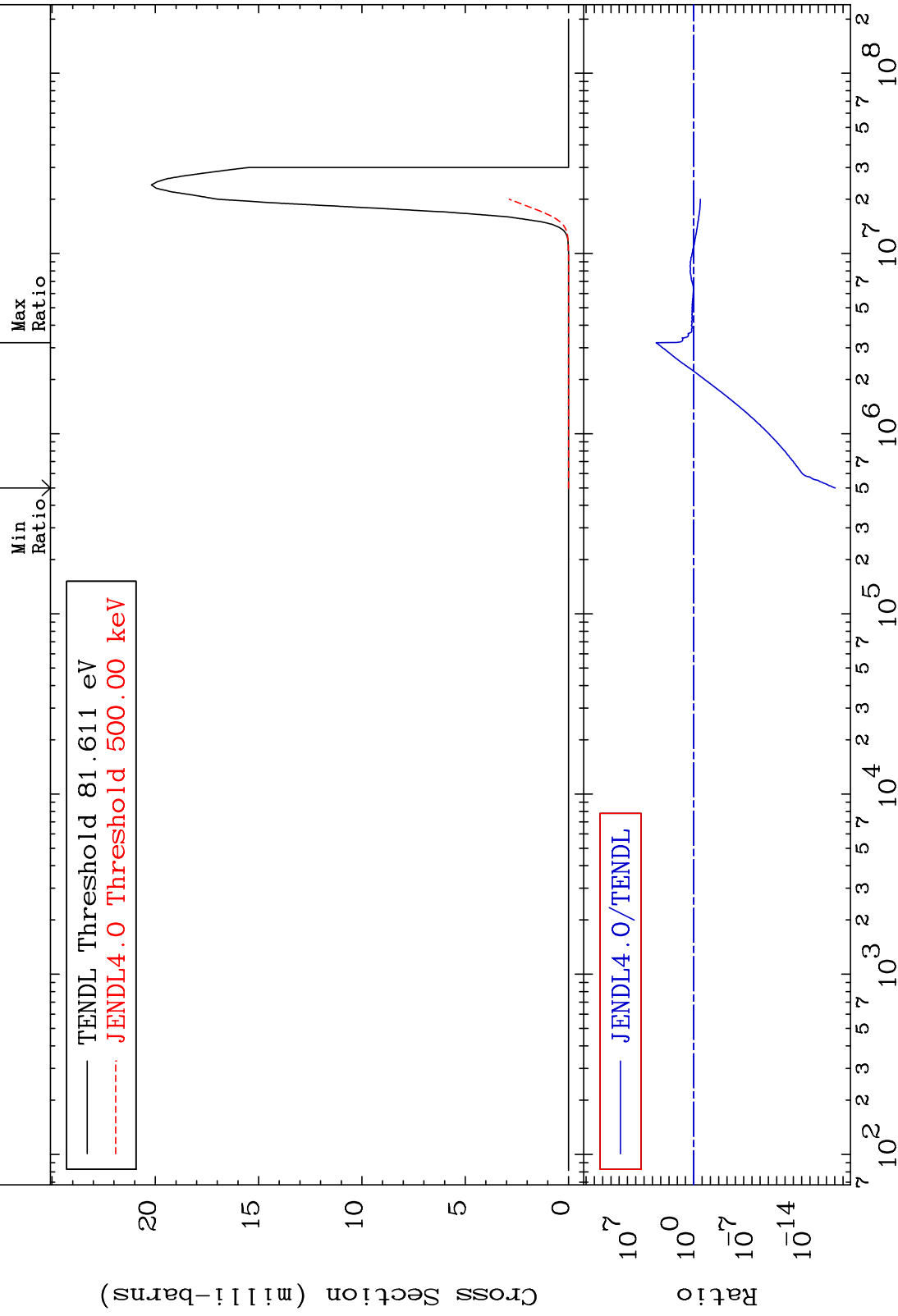
MAT 6328

(n,n')  $\alpha$

63-Eu-152

-100.0 To 9999. %

Cross Section

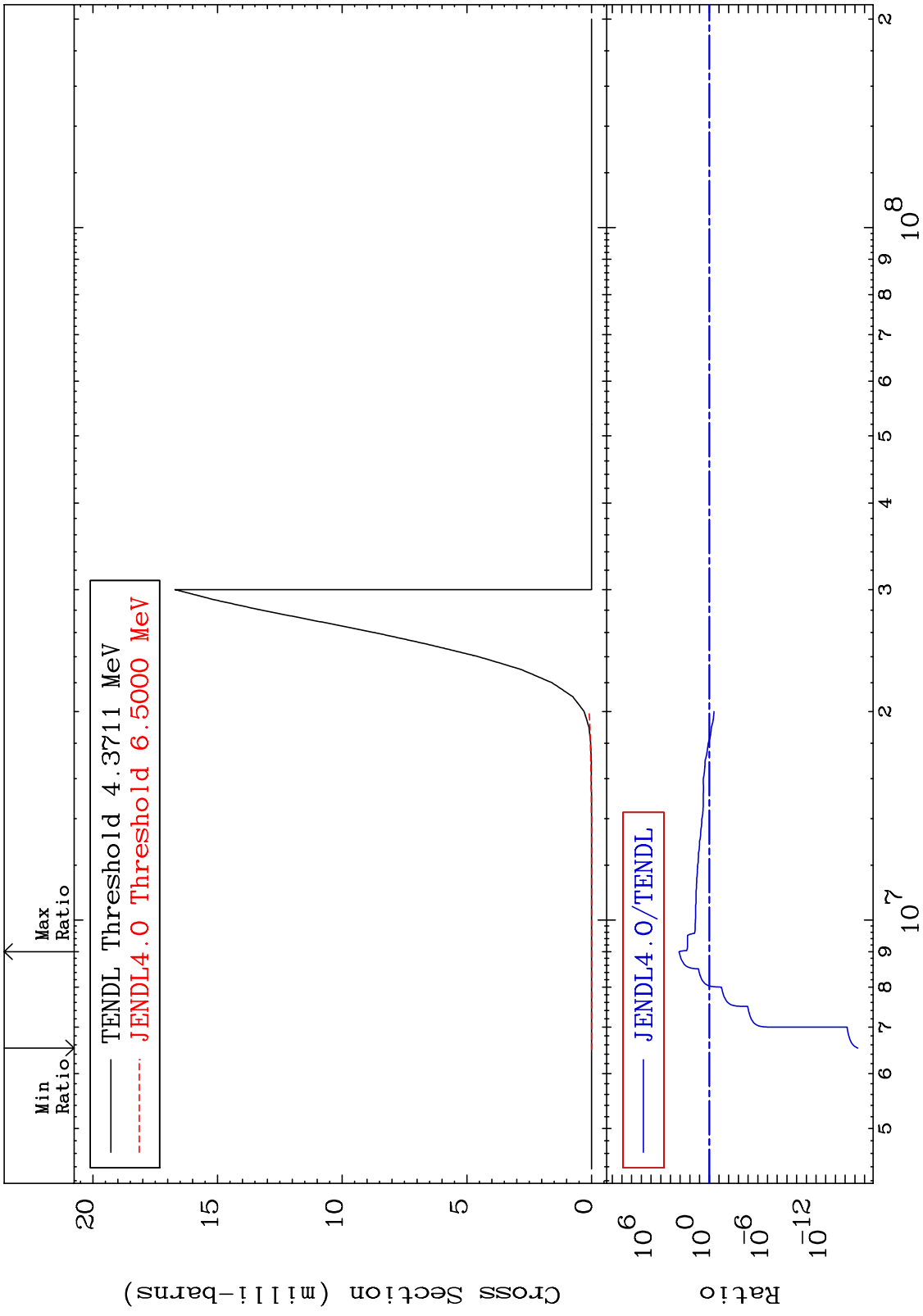


6

Incident Energy (eV)

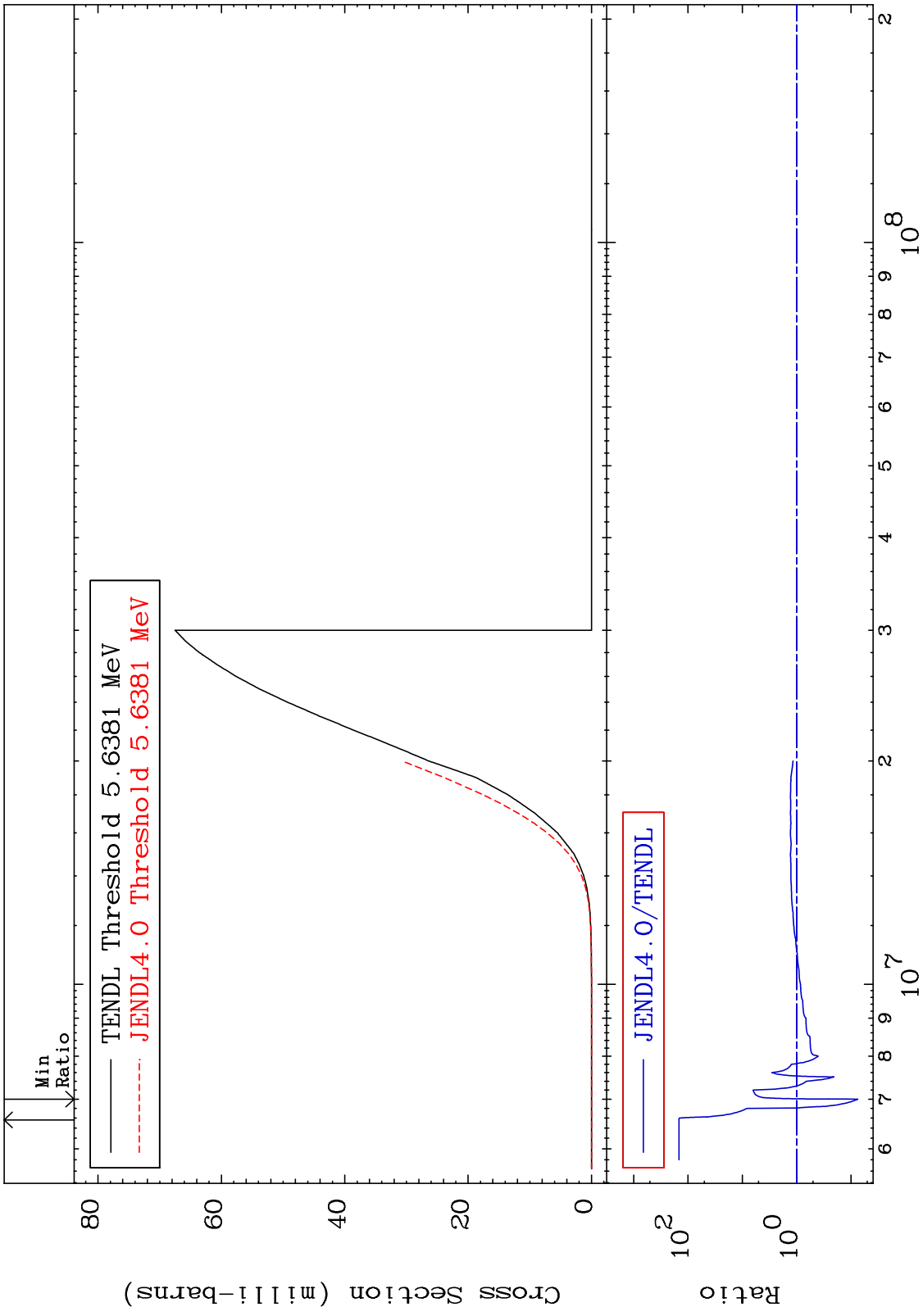
63-Eu-152

MAT 6328  $(n, 2n) \alpha$   $^{63}\text{Eu-152}$   
 Cross Section -100.0 To 9999. %



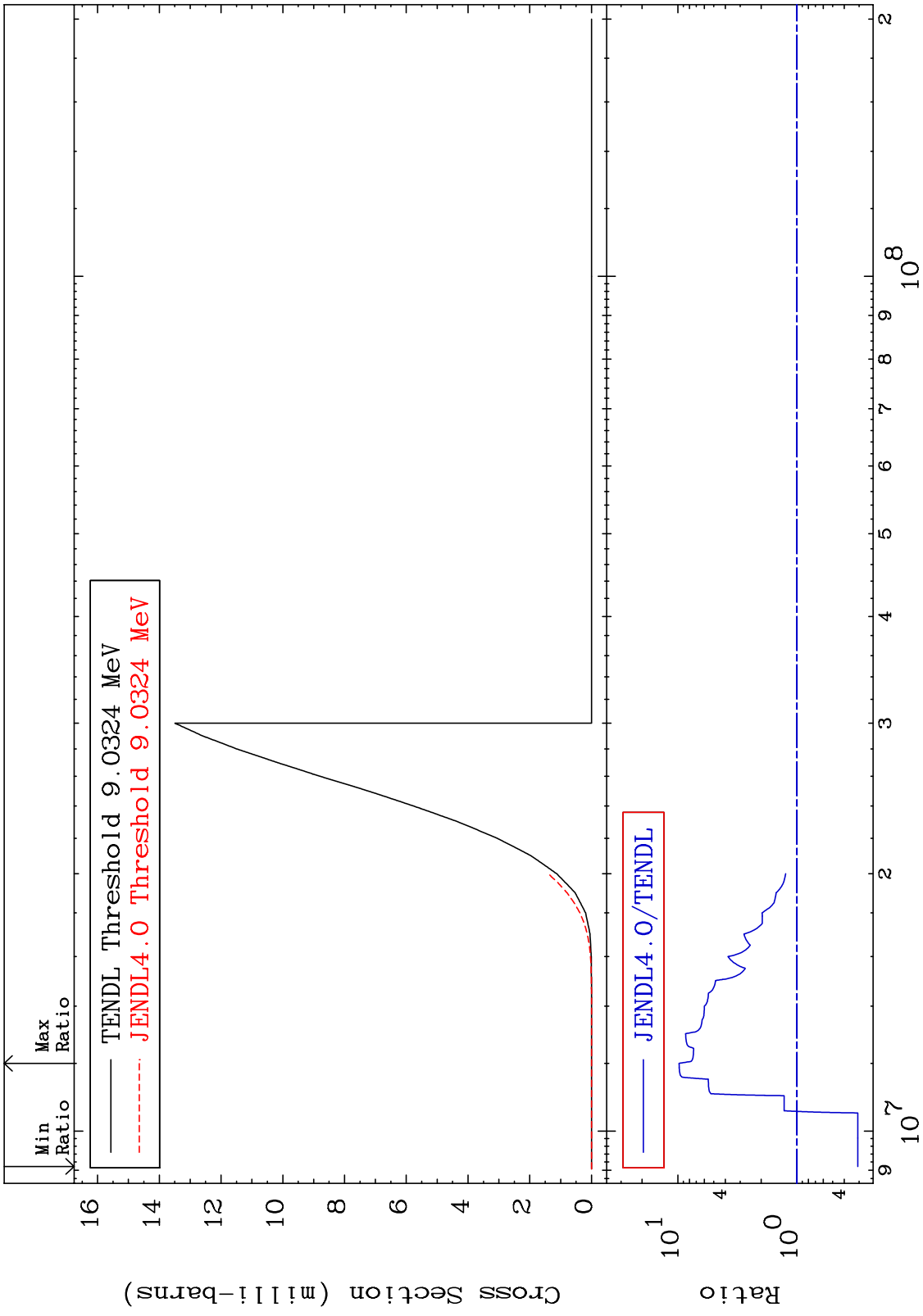


MAT 6328 (n,n') p 63-Eu-152  
Cross Section -92.54 To 9999. %



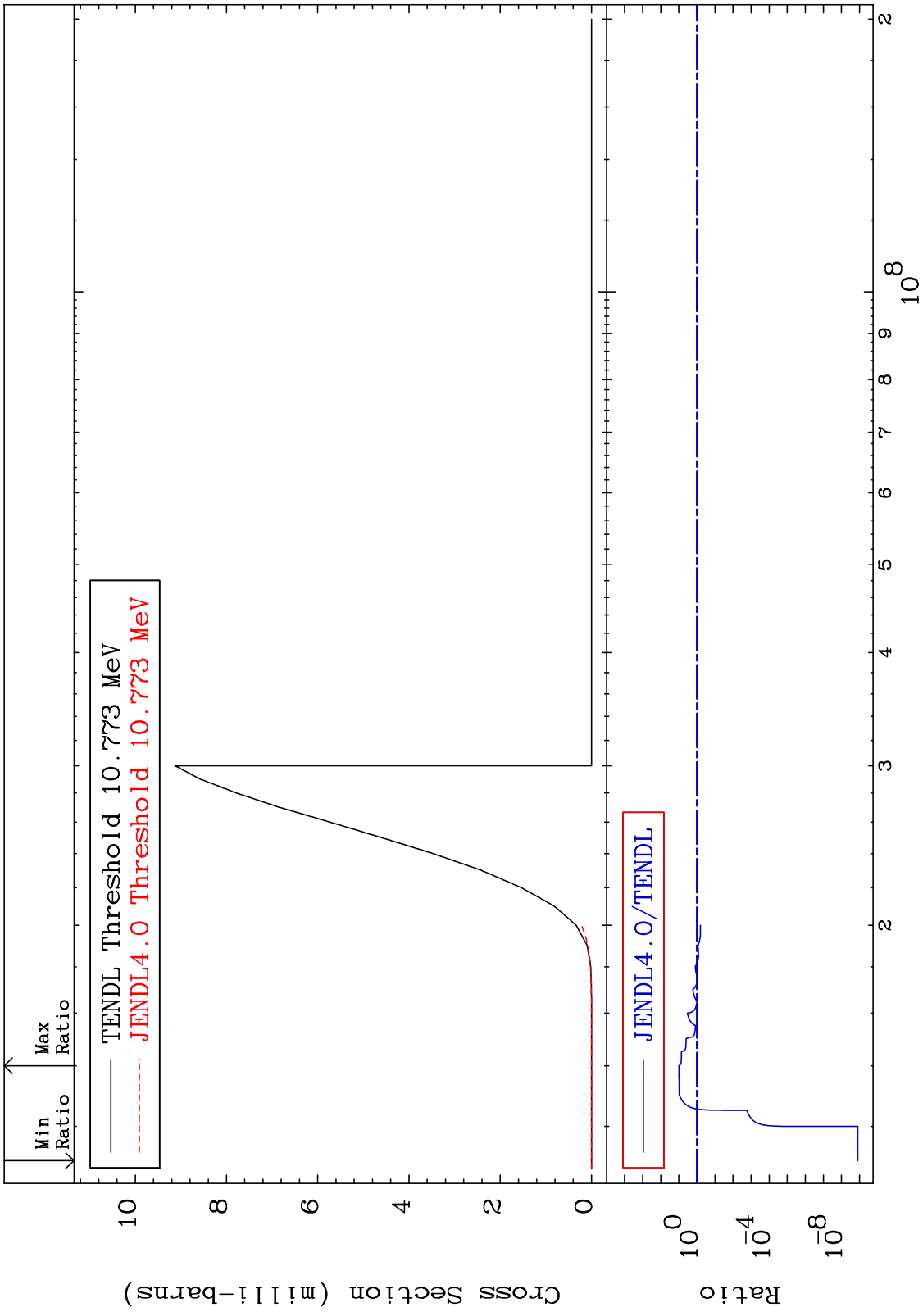
8 63-Eu-152

MAT 6328 (n,n') d 63-Eu-152  
 Cross Section -69.22 To 876.9 %

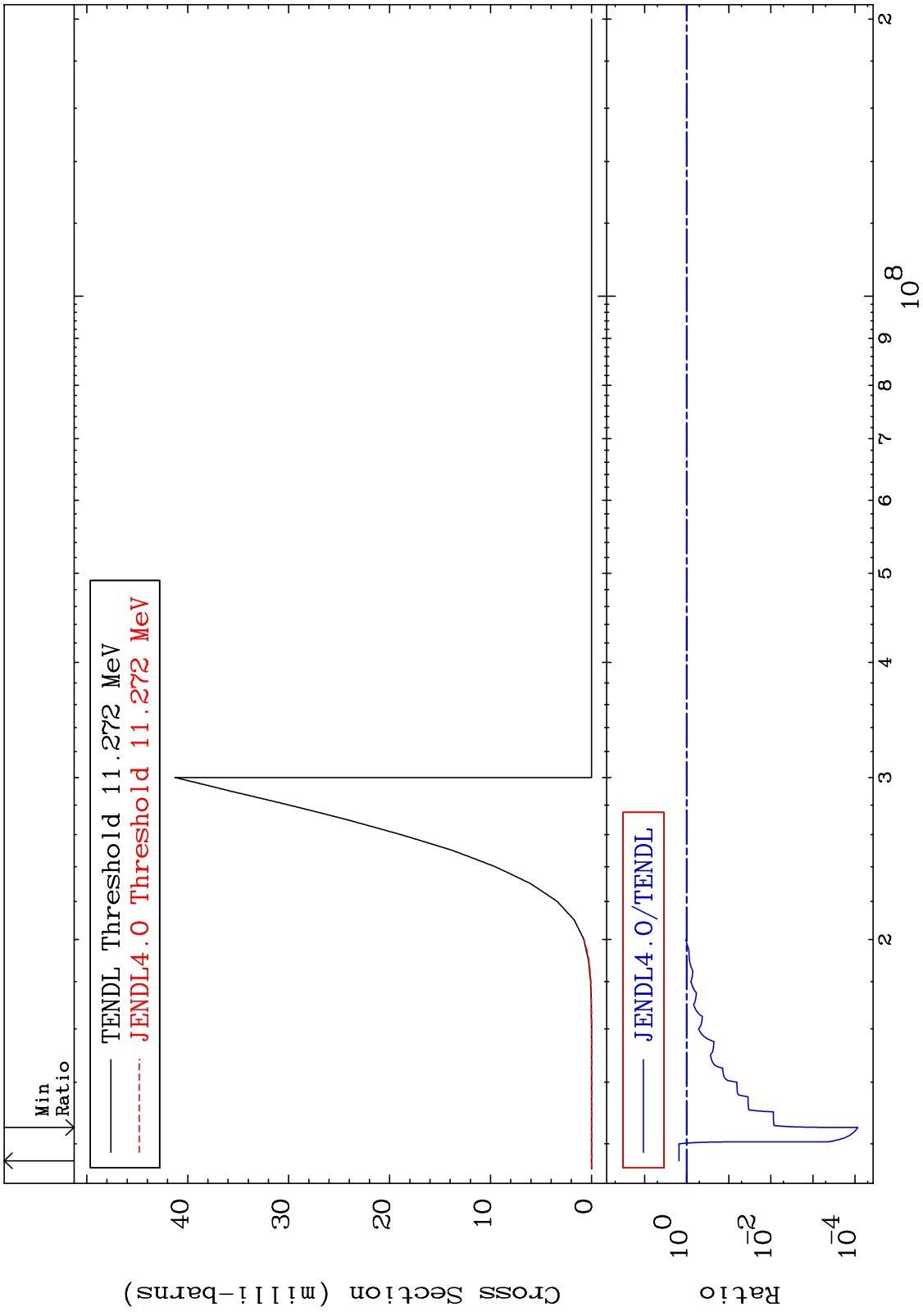


9 10<sup>7</sup> 2 10<sup>8</sup> 63-Eu-152

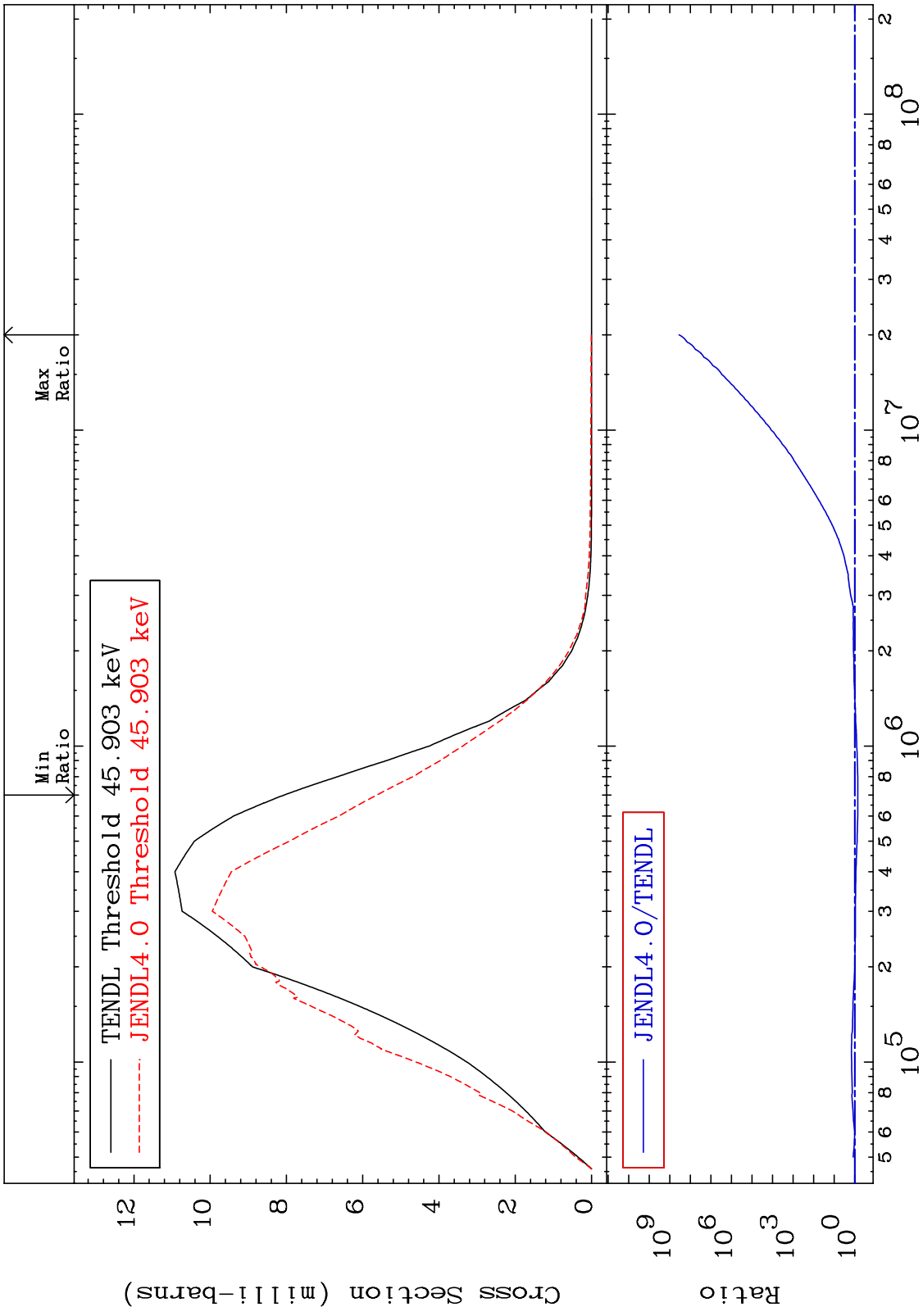
MAT 6328 (n,n') t 63-Eu-152  
 Cross Section -100.0 To 869.7 %



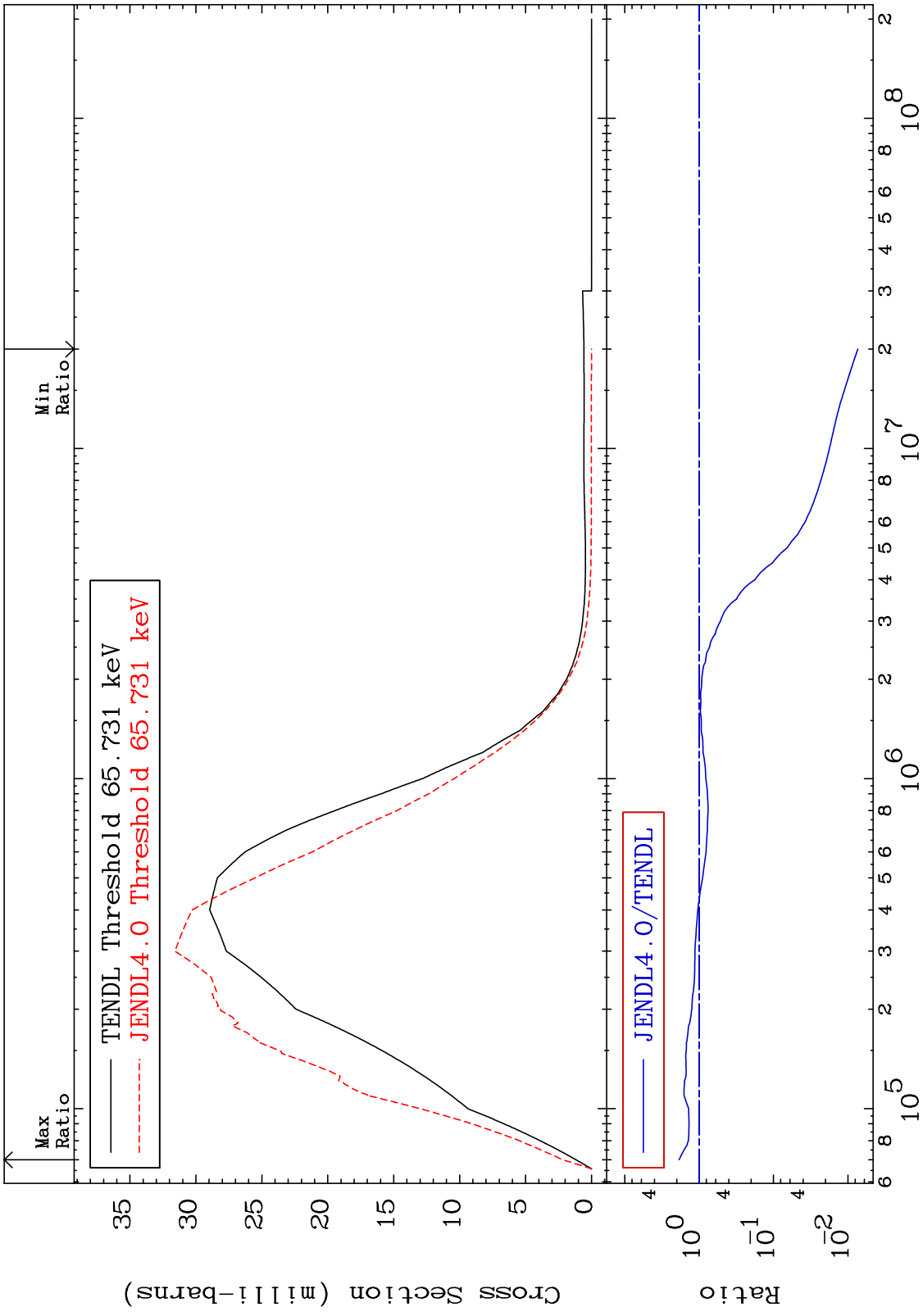
MAT 6328 (n,2n) p 63-Eu-152  
 Cross Section -99.99 To 51.93 %



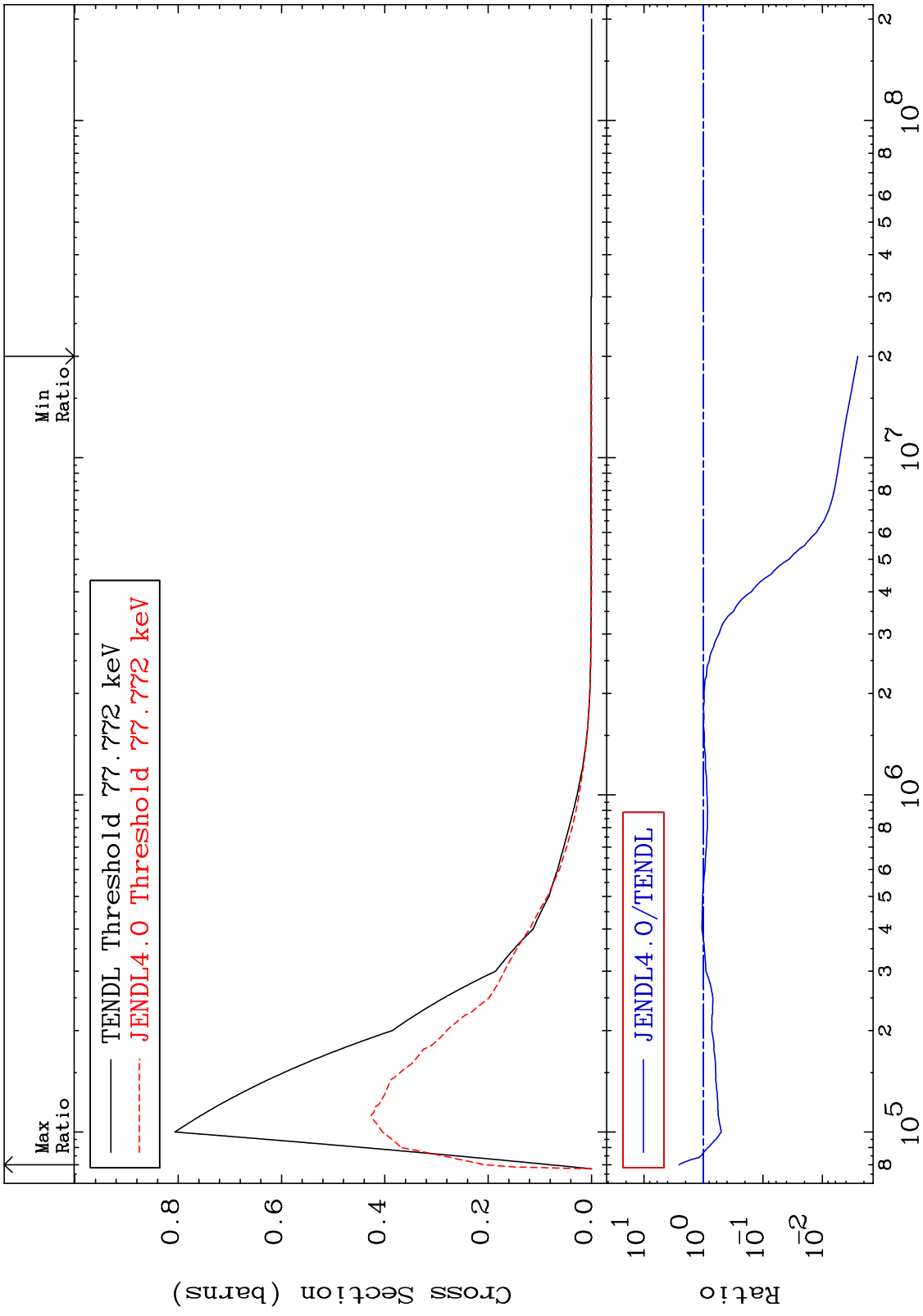
MAT 6328 MT= 51 (n,n') Level Cross Section 63-Eu-152  
 -30.22 To 9999. %



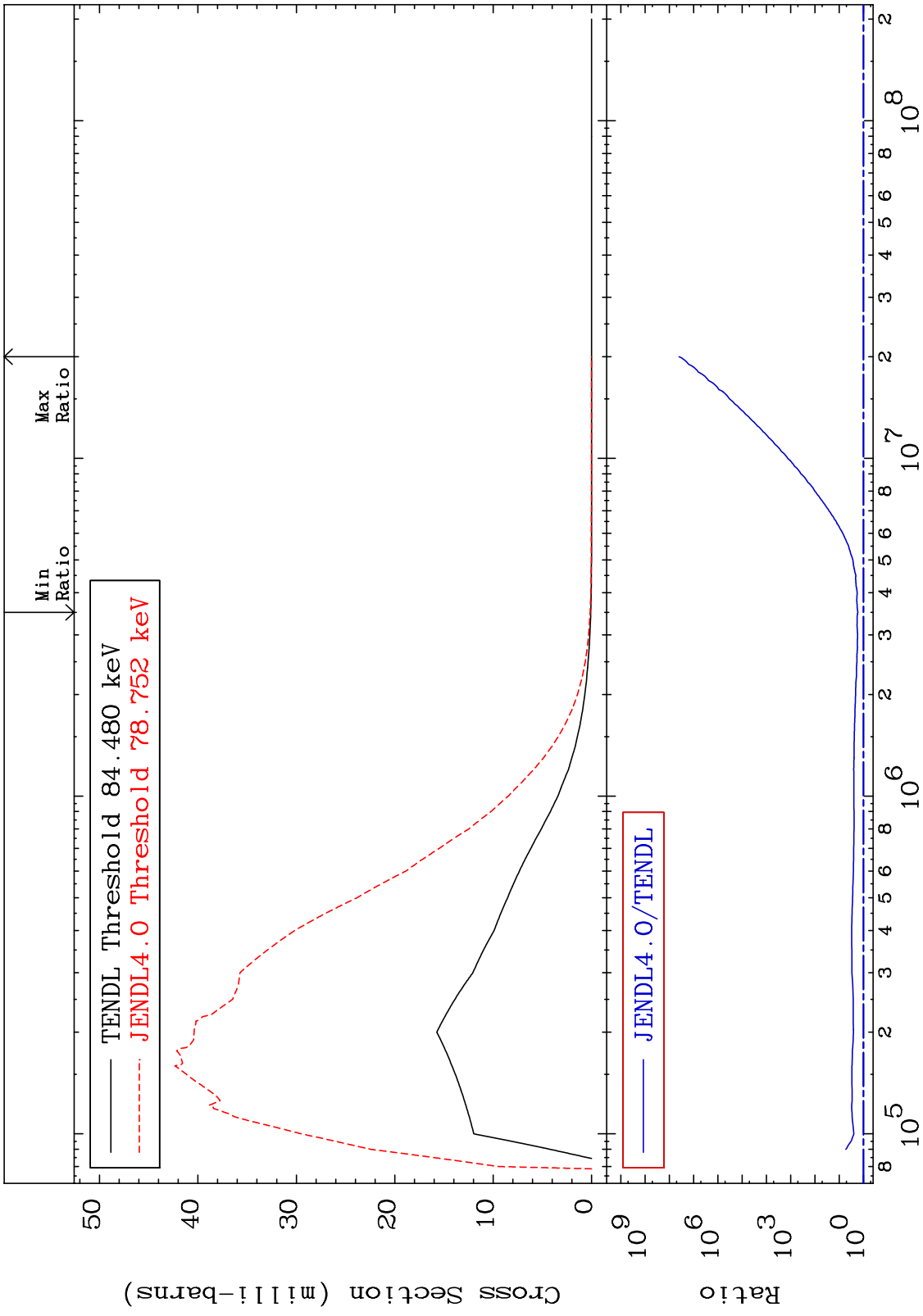
MAT 6328 MT= 52 (n,n') Level Cross Section 63-Eu-152 -99.27 To 86.42 %



MAT 6328 MT= 53 (n,n') Level Cross Section 63-Eu-152  
 -99.75 To 157.3 %



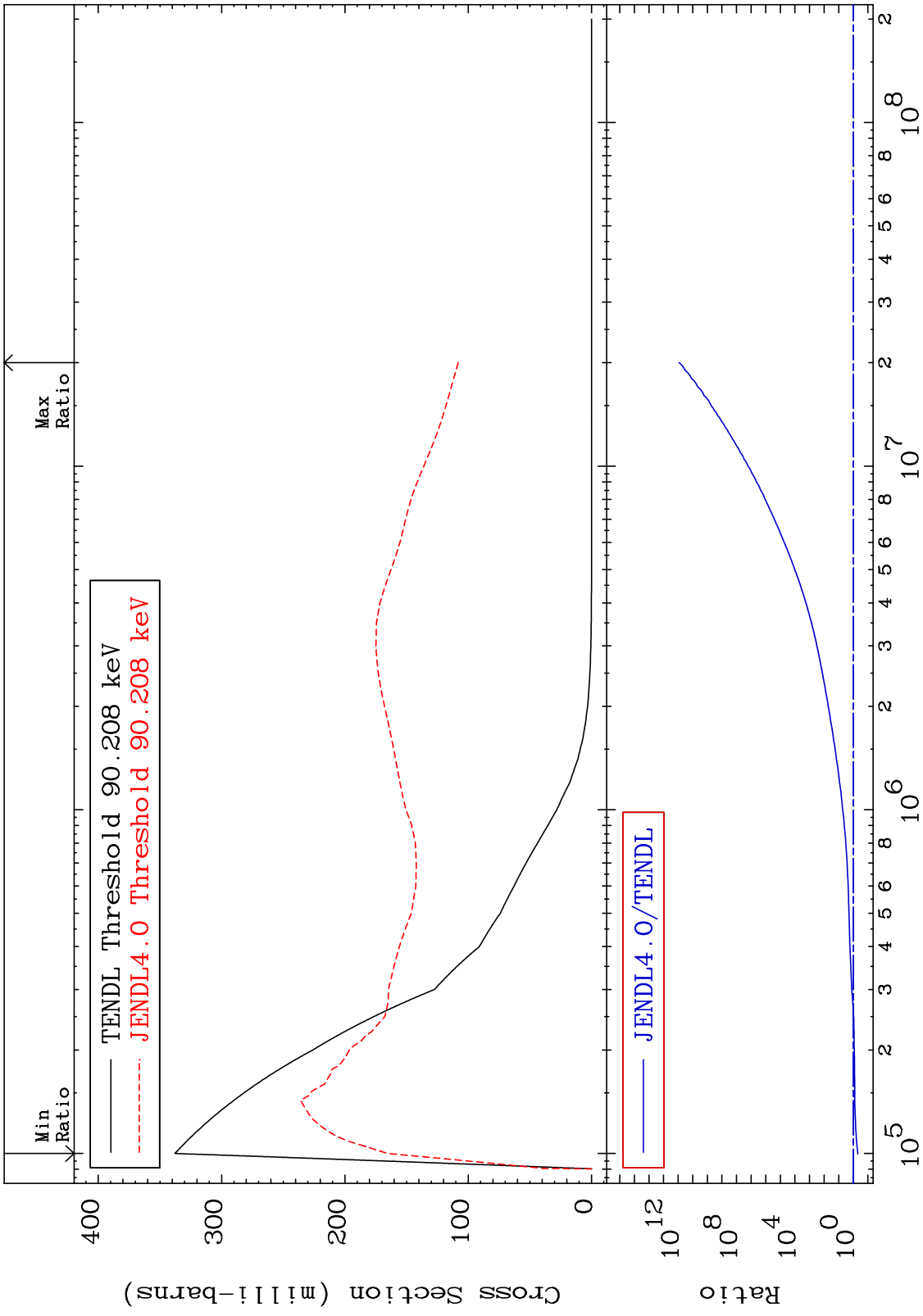
MAT 6328 MT= 54 (n,n') Level Cross Section 63-Eu-152 69.54 To 9999. %



15 Incident Energy (eV) 63-Eu-152

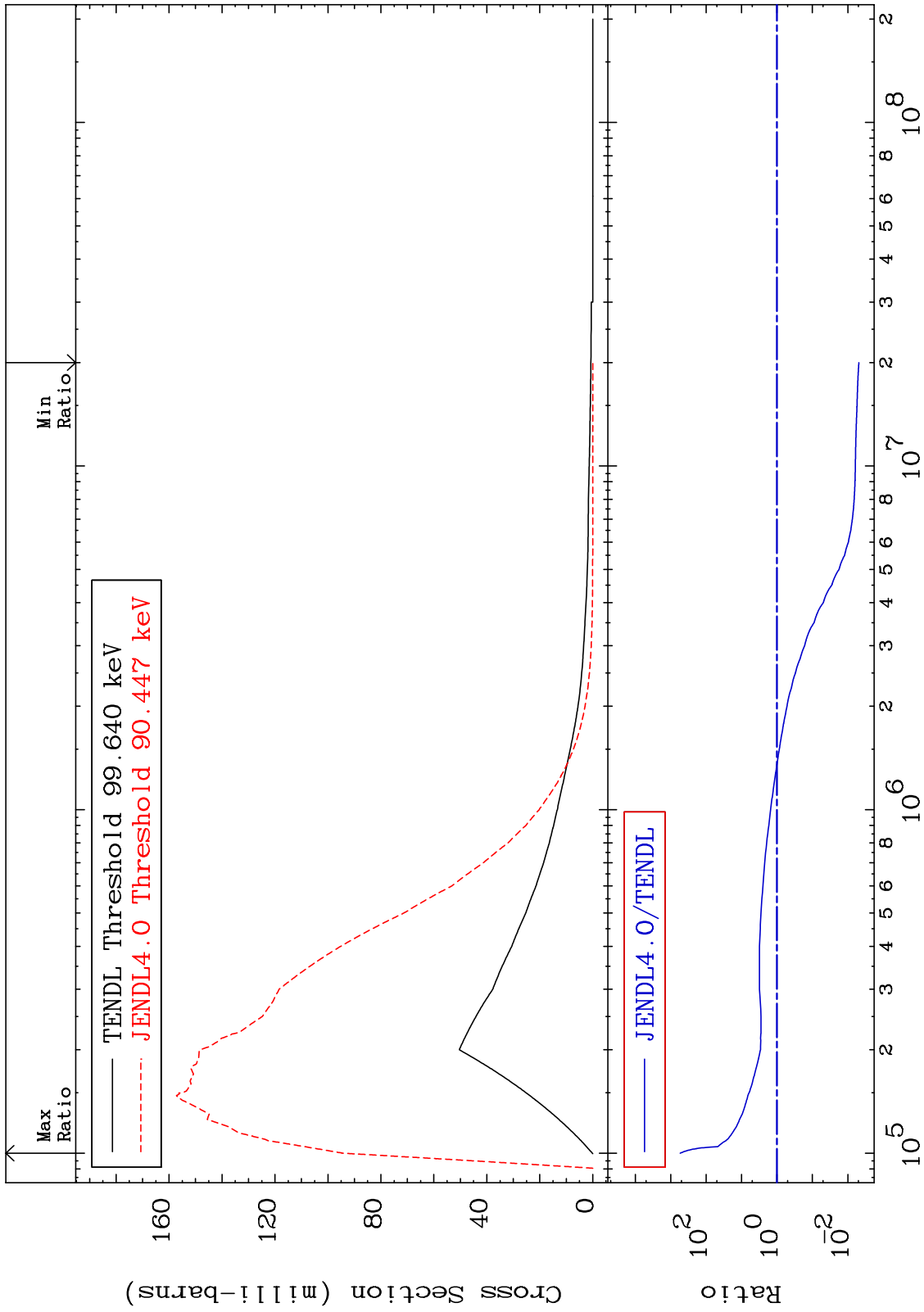


MAT 6328 MT= 55 (n,n') Level Cross Section 63-Eu-152  
 -50.98 To 9999. %



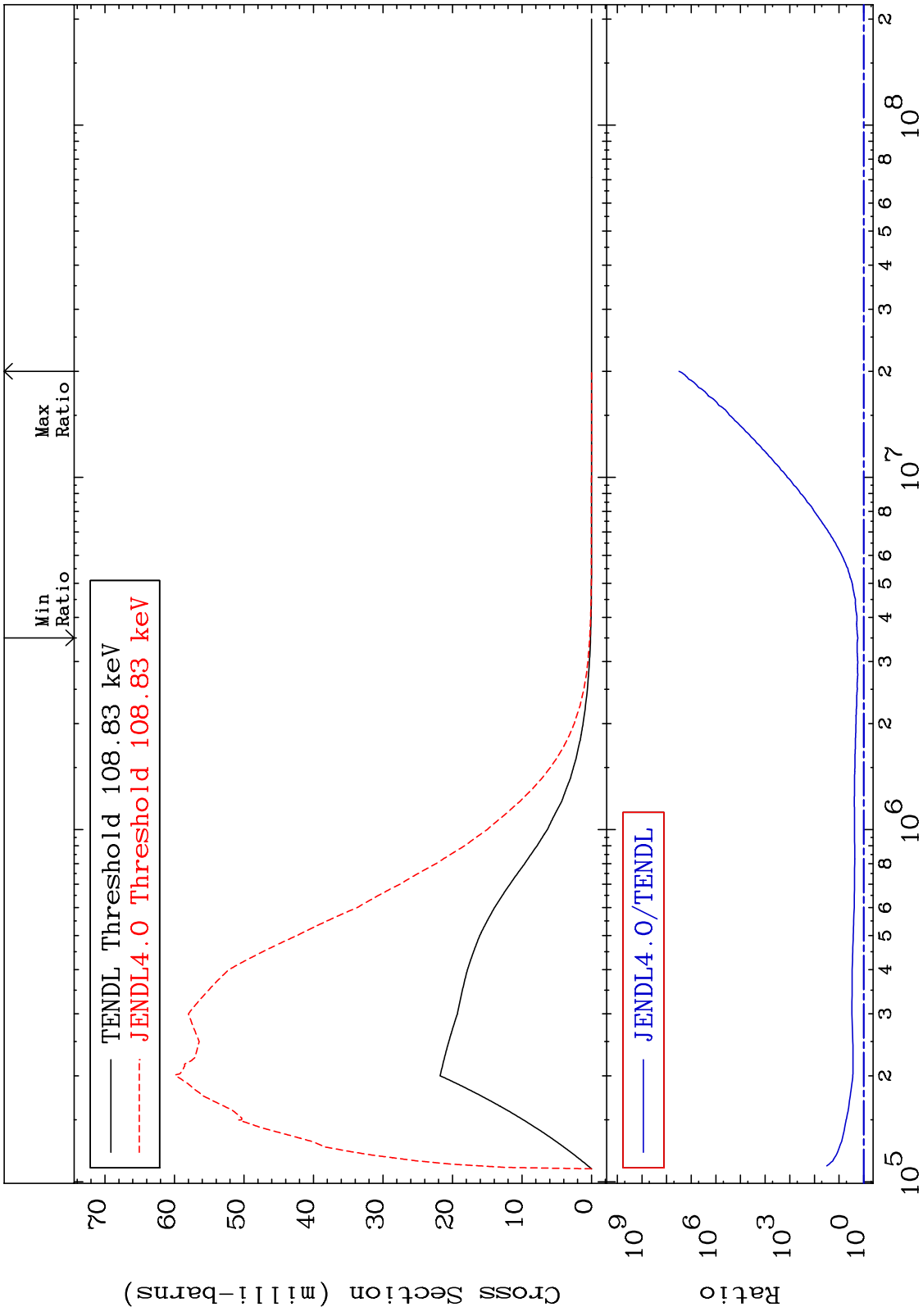
16 63-Eu-152

MAT 6328 MT= 56 (n,n') Level Cross Section 63-Eu-152 -99.51 To 9999. %



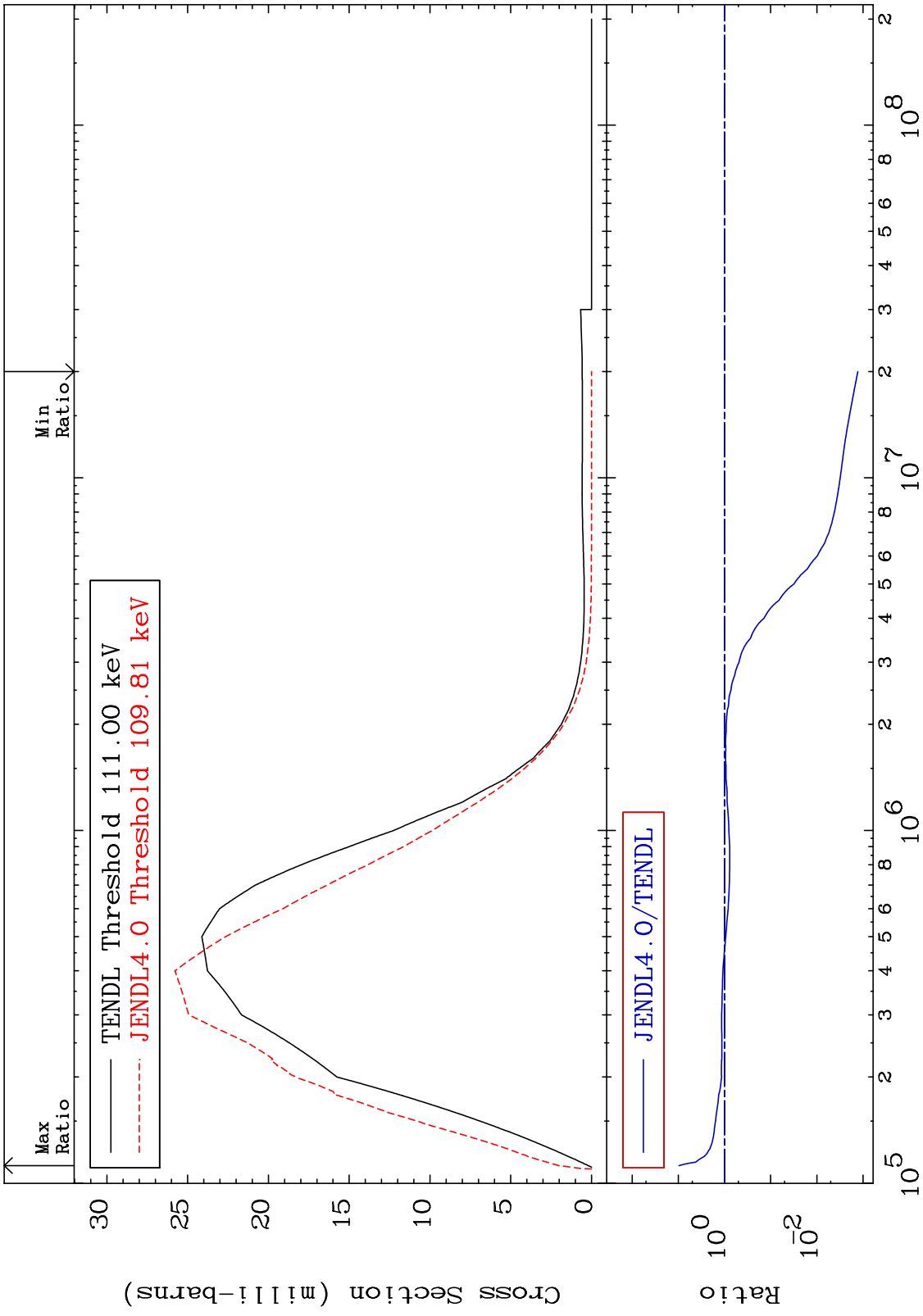
17 63-Eu-152

MAT 6328 MT= 57 (n,n') Level Cross Section 63-Eu-152 72.53 To 9999. %



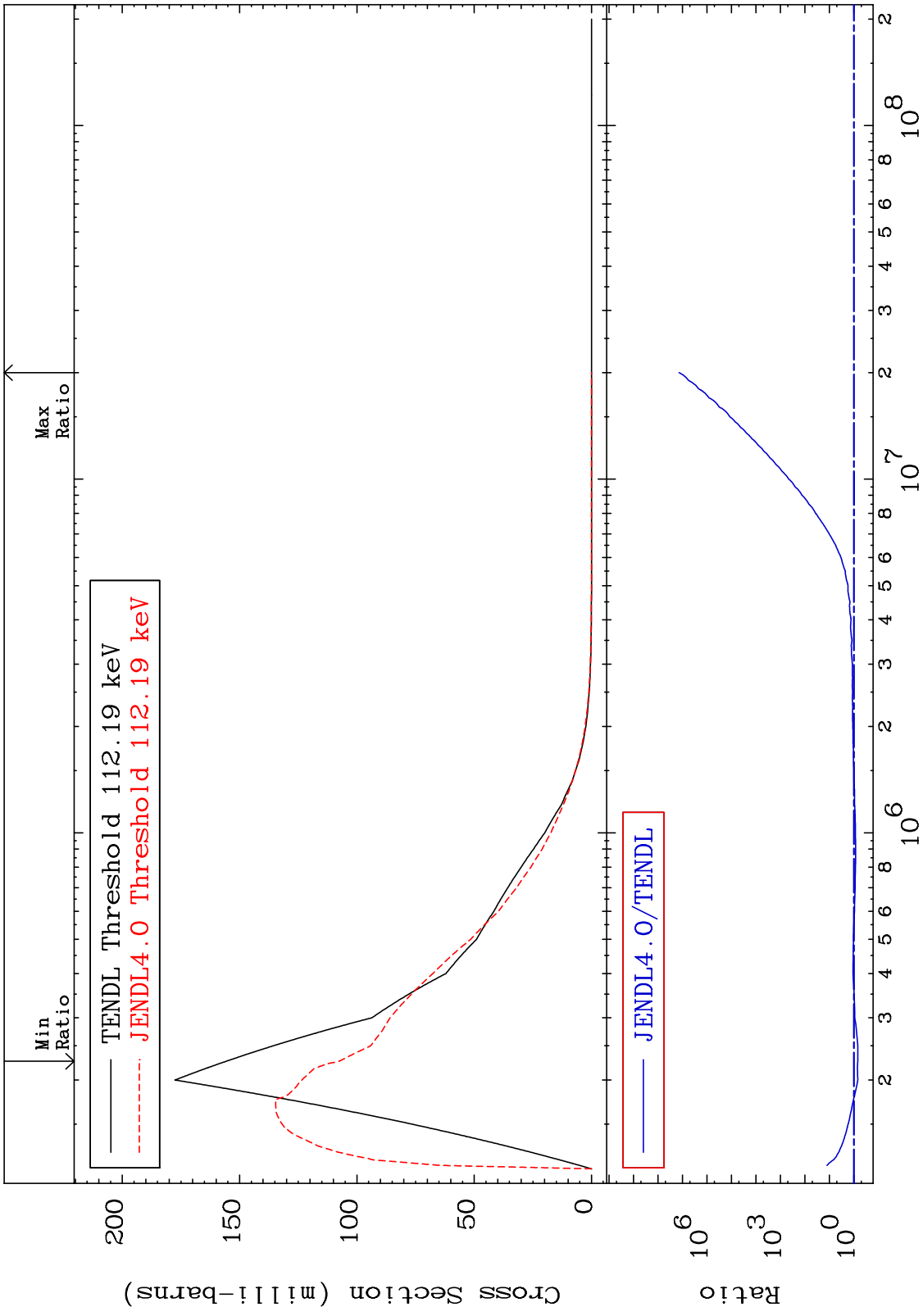
18 Incident Energy (eV) 63-Eu-152

MAT 6328 MT= 58 (n,n') Level Cross Section 63-Eu-152  
 -99.87 To 865.3 %

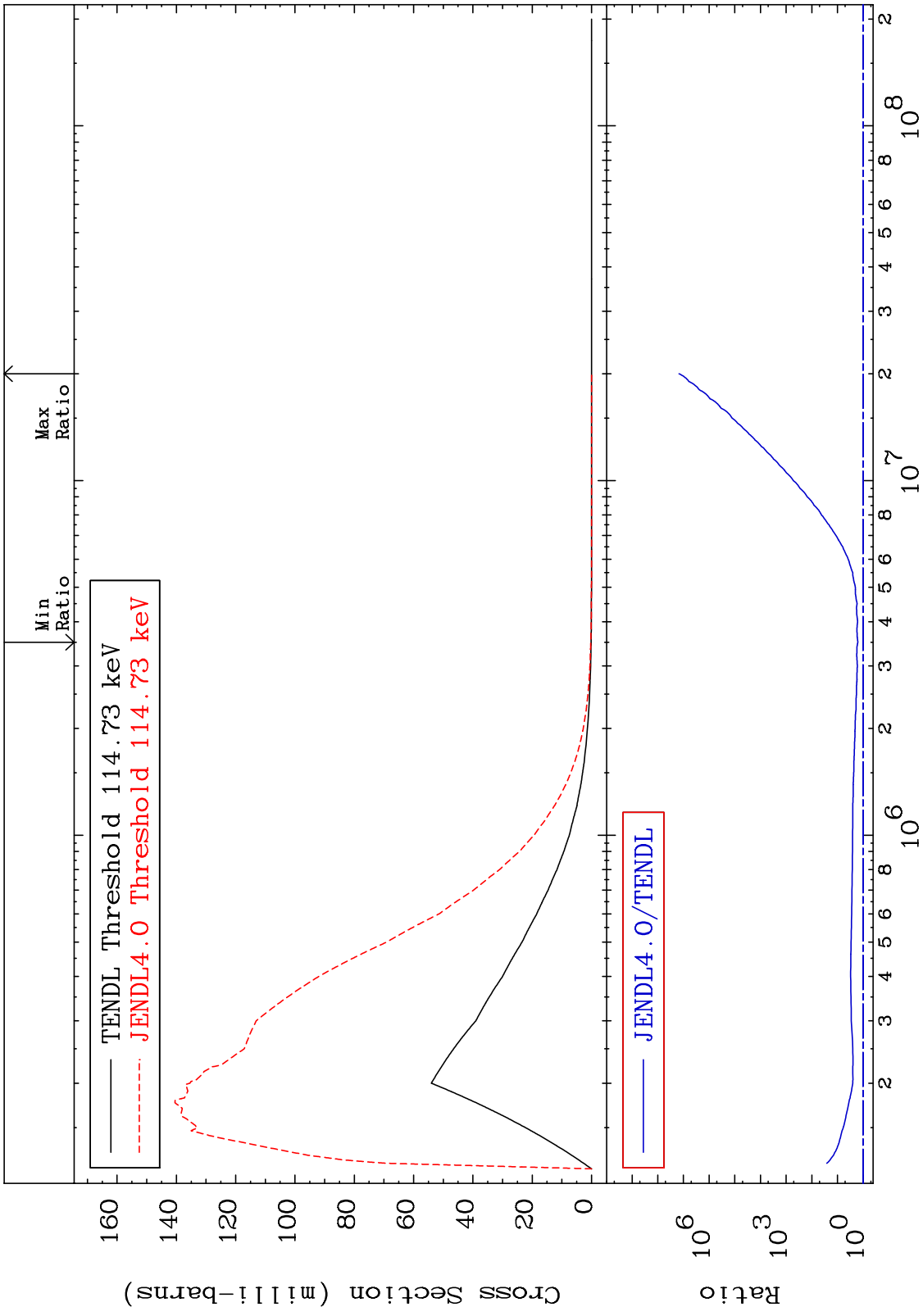


19 63-Eu-152

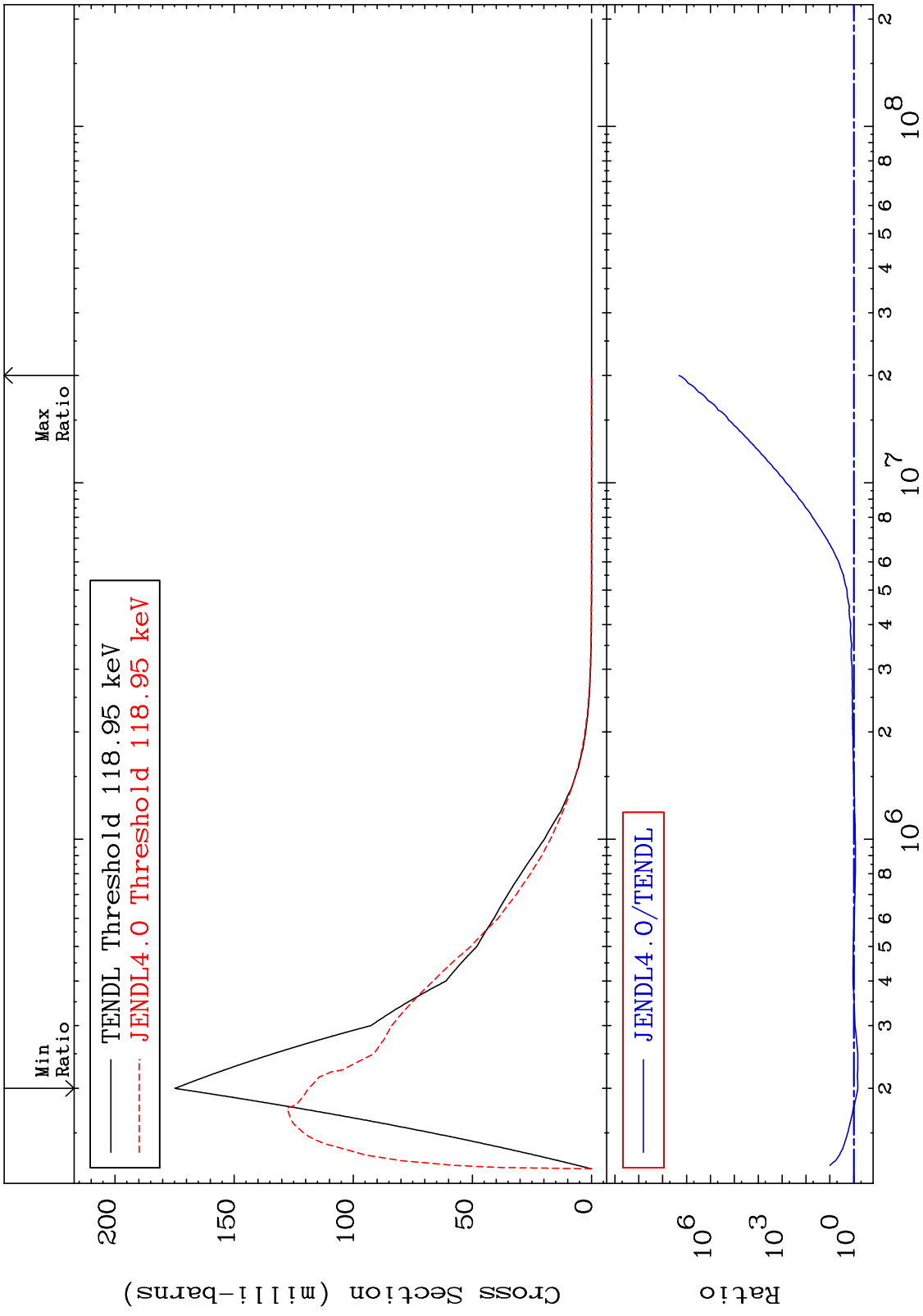
MAT 6328 MT= 59 (n,n') Level Cross Section 63-Eu-152  
 -30.92 To 9999. %



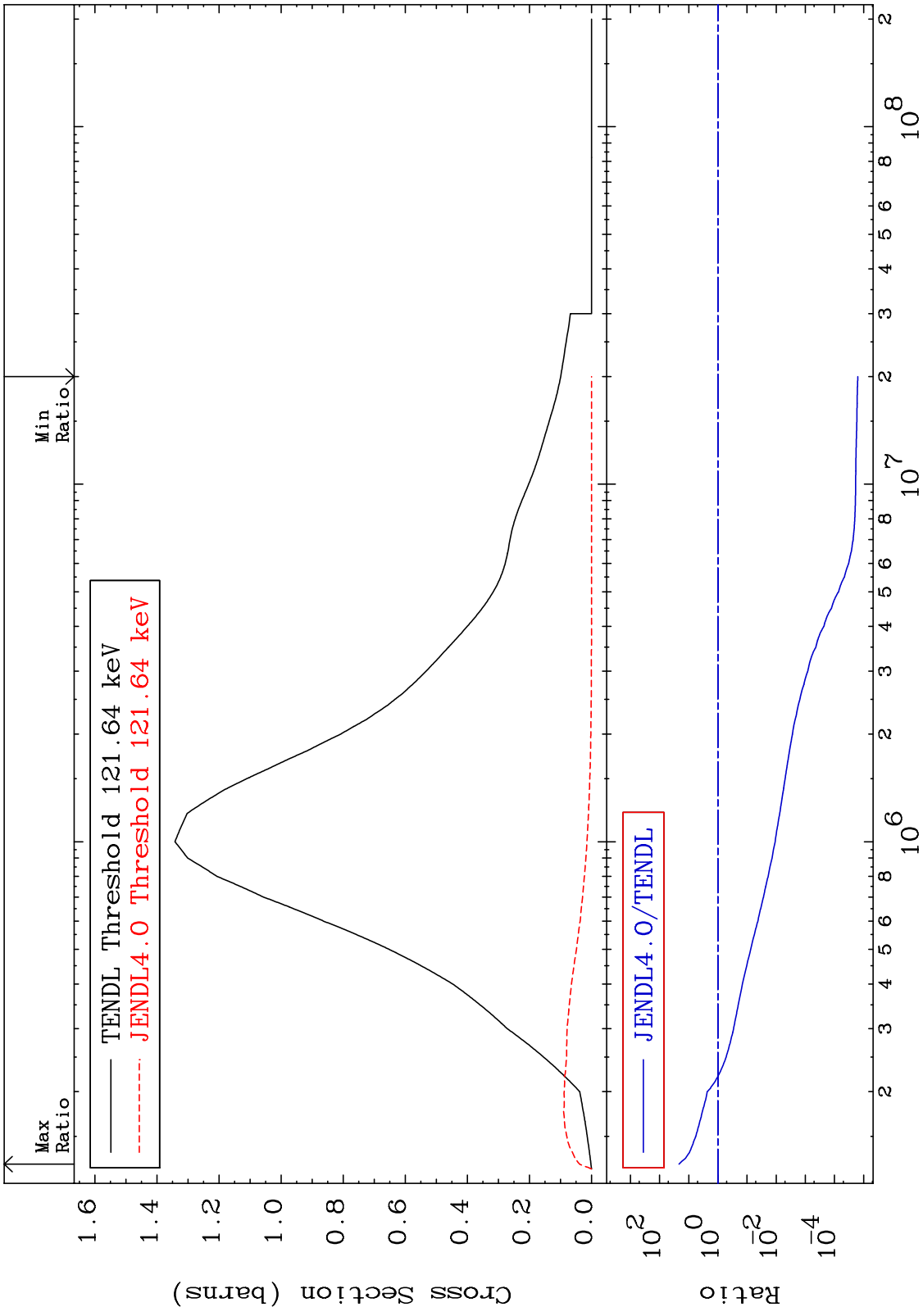
MAT 6328 MT= 60 (n,n') Level Cross Section 60.62 To 9999. % 63-Eu-152



MAT 6328 MT= 61 (n,n') Level Cross Section 63-Eu-152  
 -32.16 To 9999. %

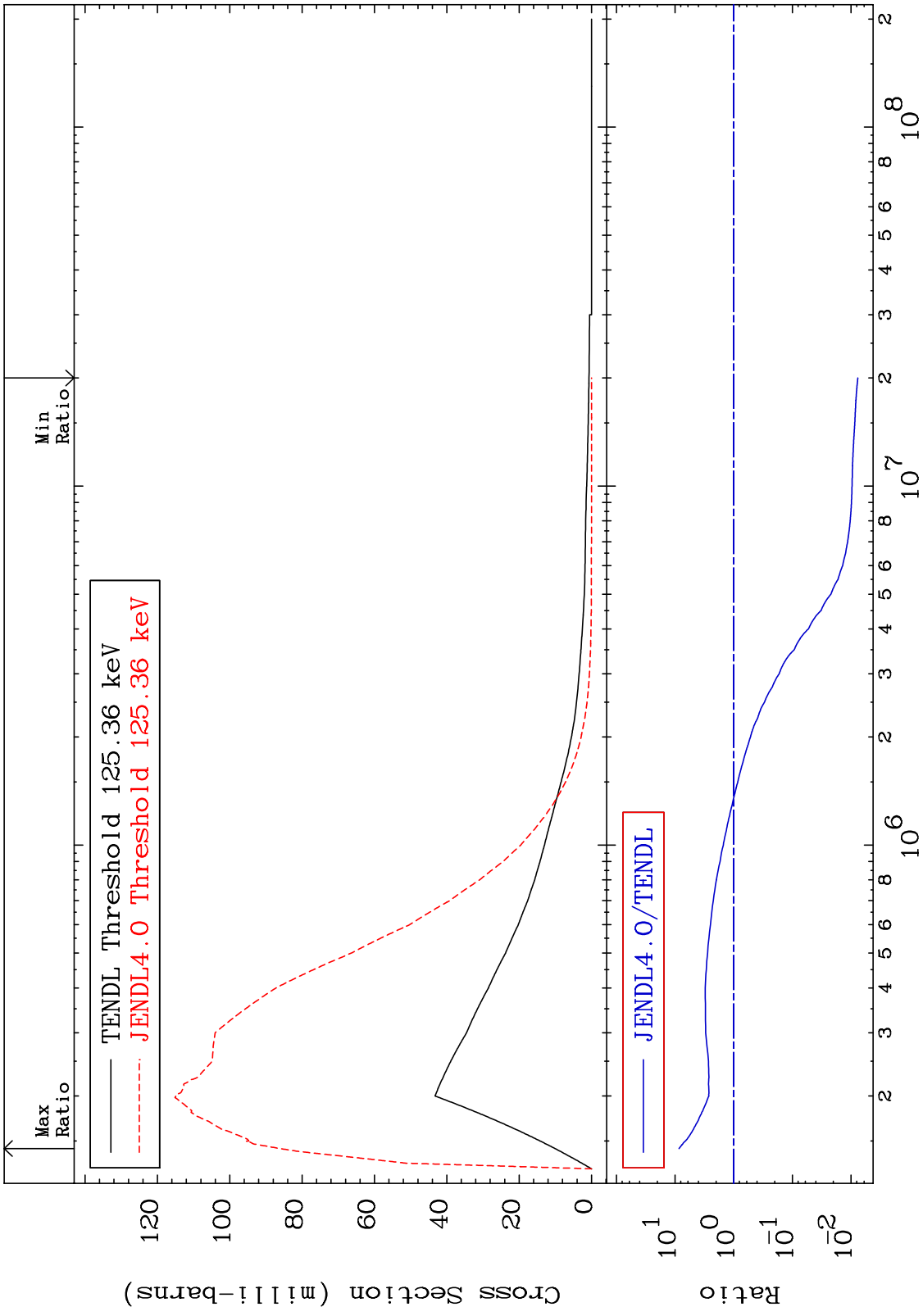


MAT 6328 MT= 62 (n,n') Level Cross Section 63-Eu-152 -100.0 To 2045. %

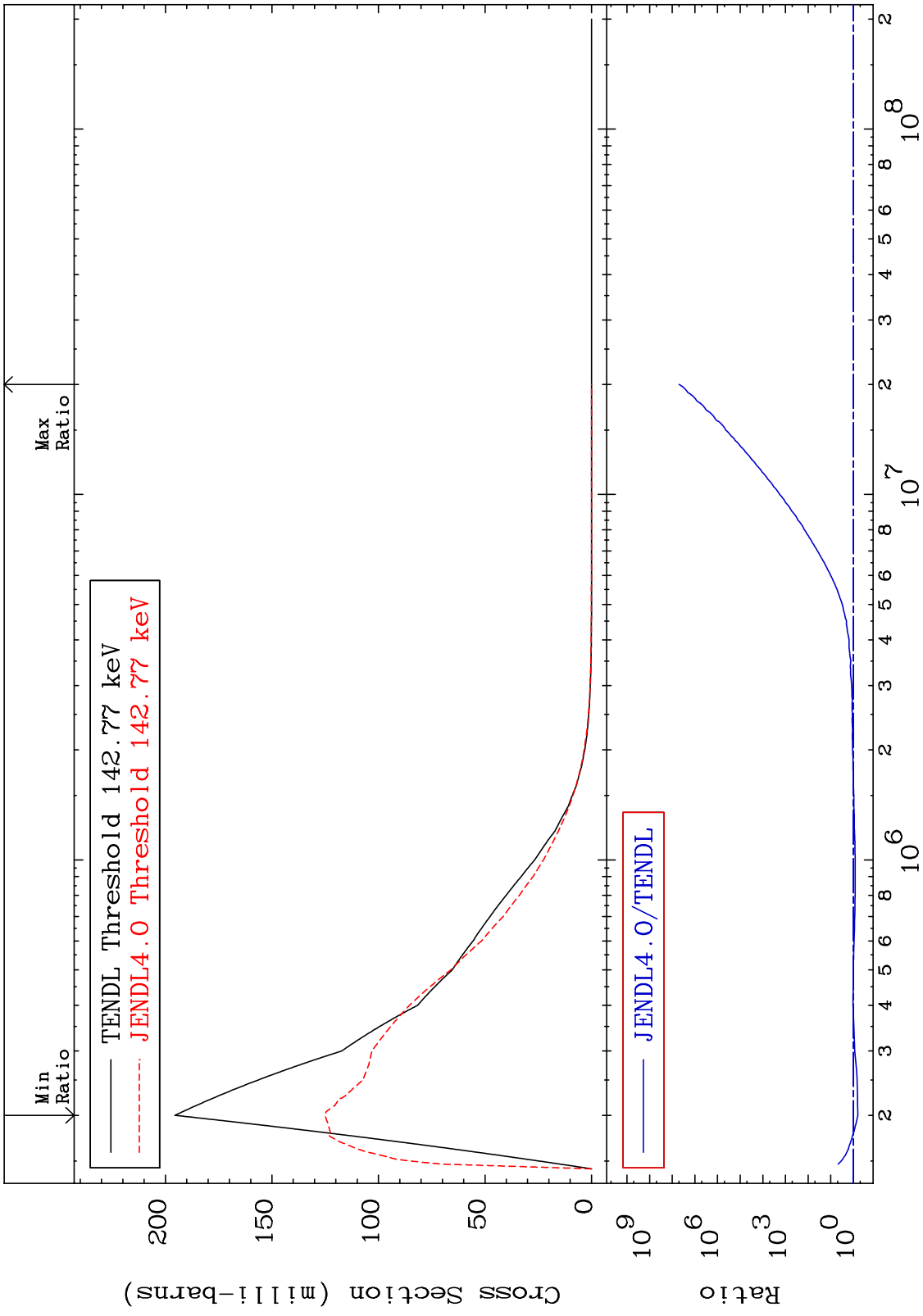




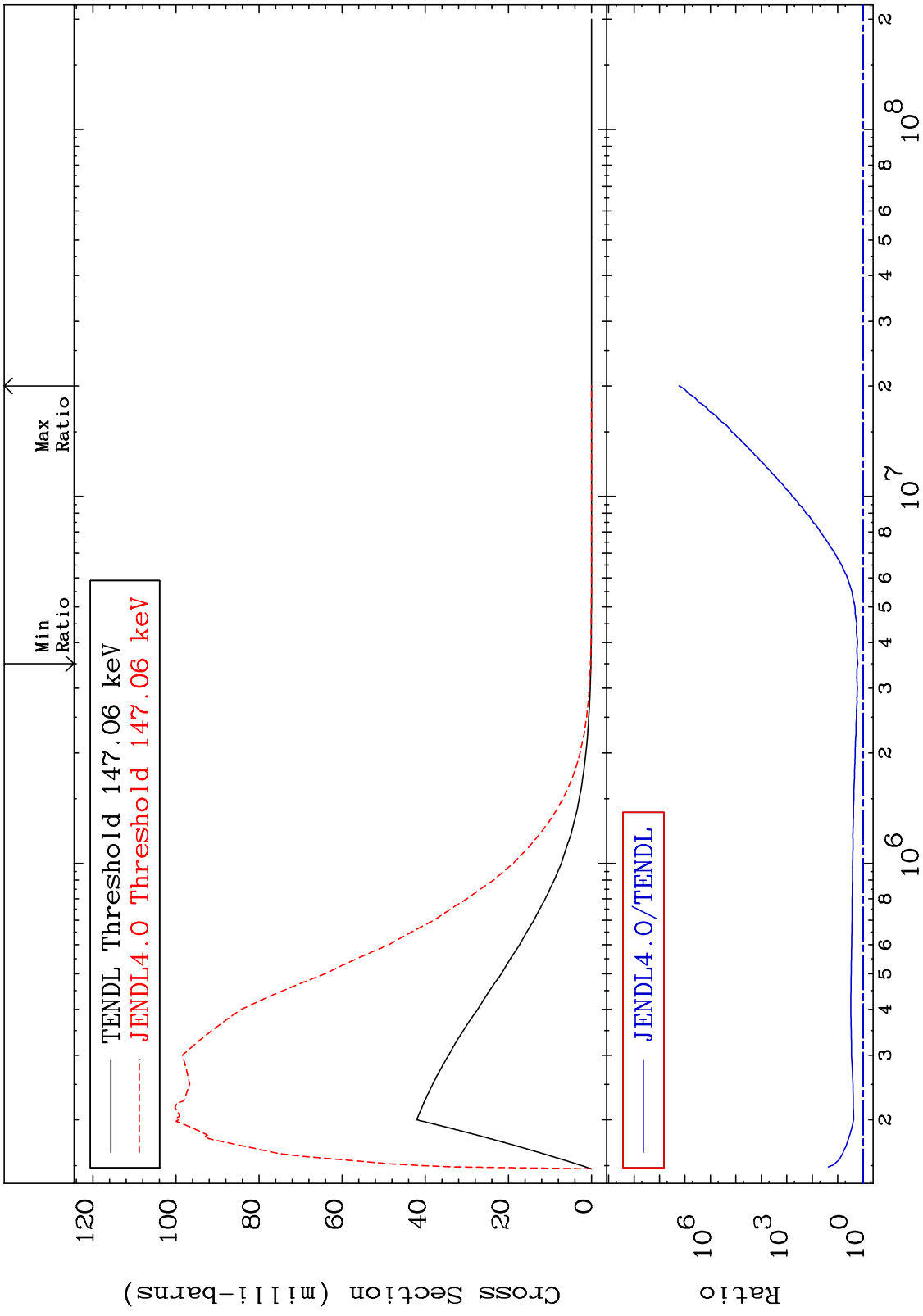
MAT 6328 MT= 63 (n,n') Level Cross Section 63-Eu-152  
 -99.23 To 754.0 %



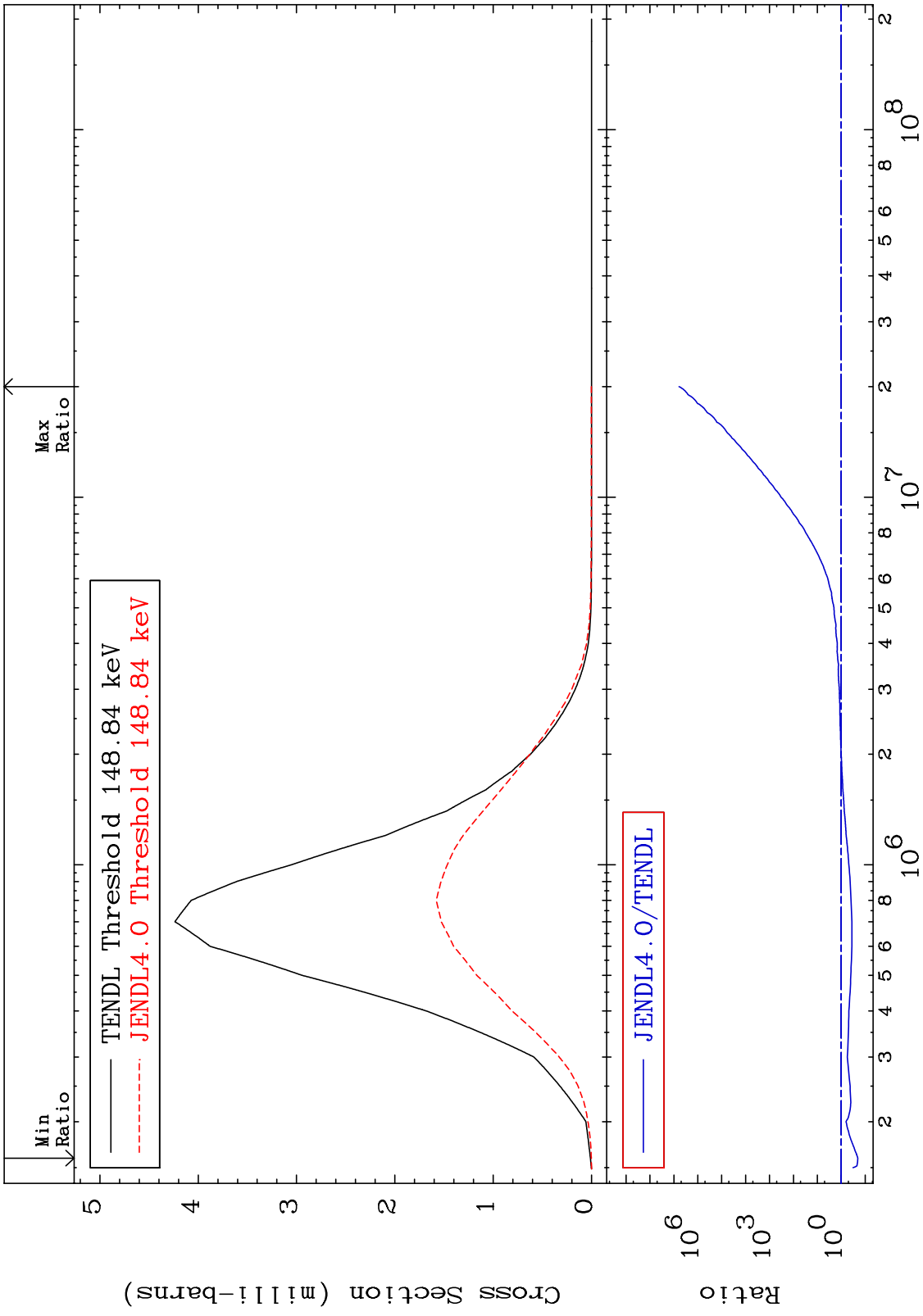
MAT 6328 MT= 64 (n,n') Level Cross Section 63-Eu-152  
 -36.10 To 9999. %



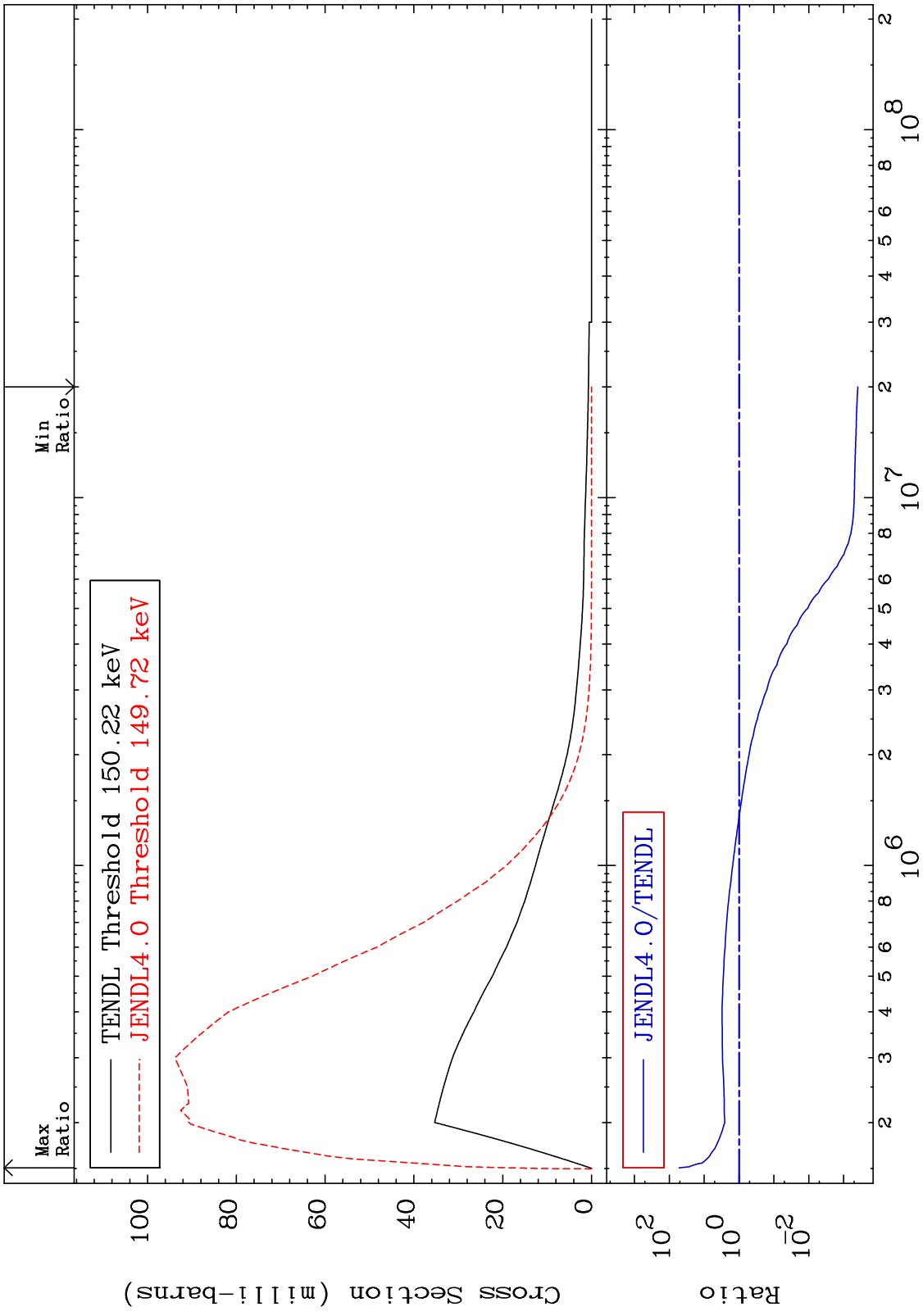
MAT 6328 MT= 65 (n,n') Level Cross Section 63-Eu-152 61.70 To 9999. %



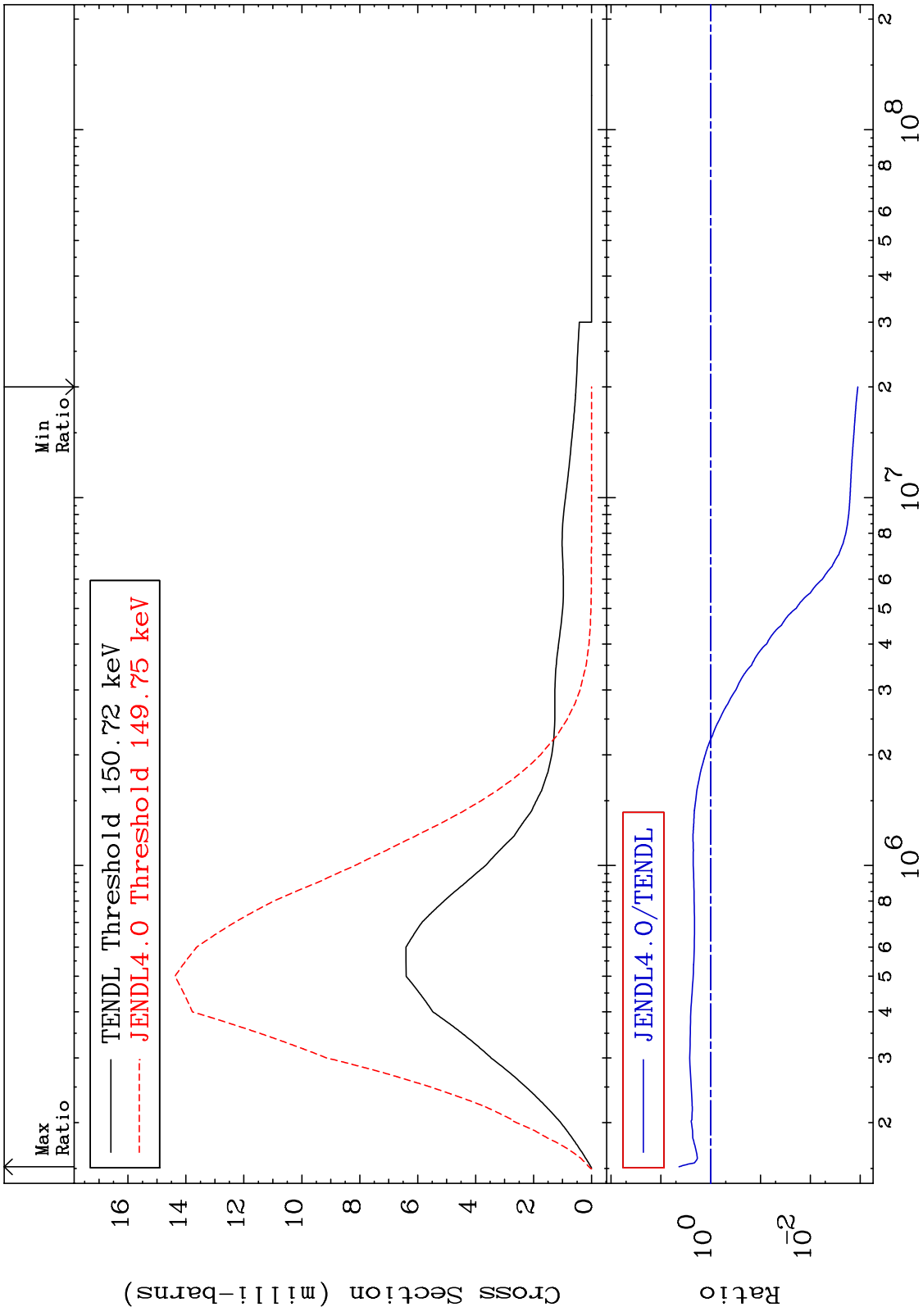
MAT 6328 MT= 66 (n,n') Level Cross Section 63-Eu-152  
 -79.79 To 9999. %



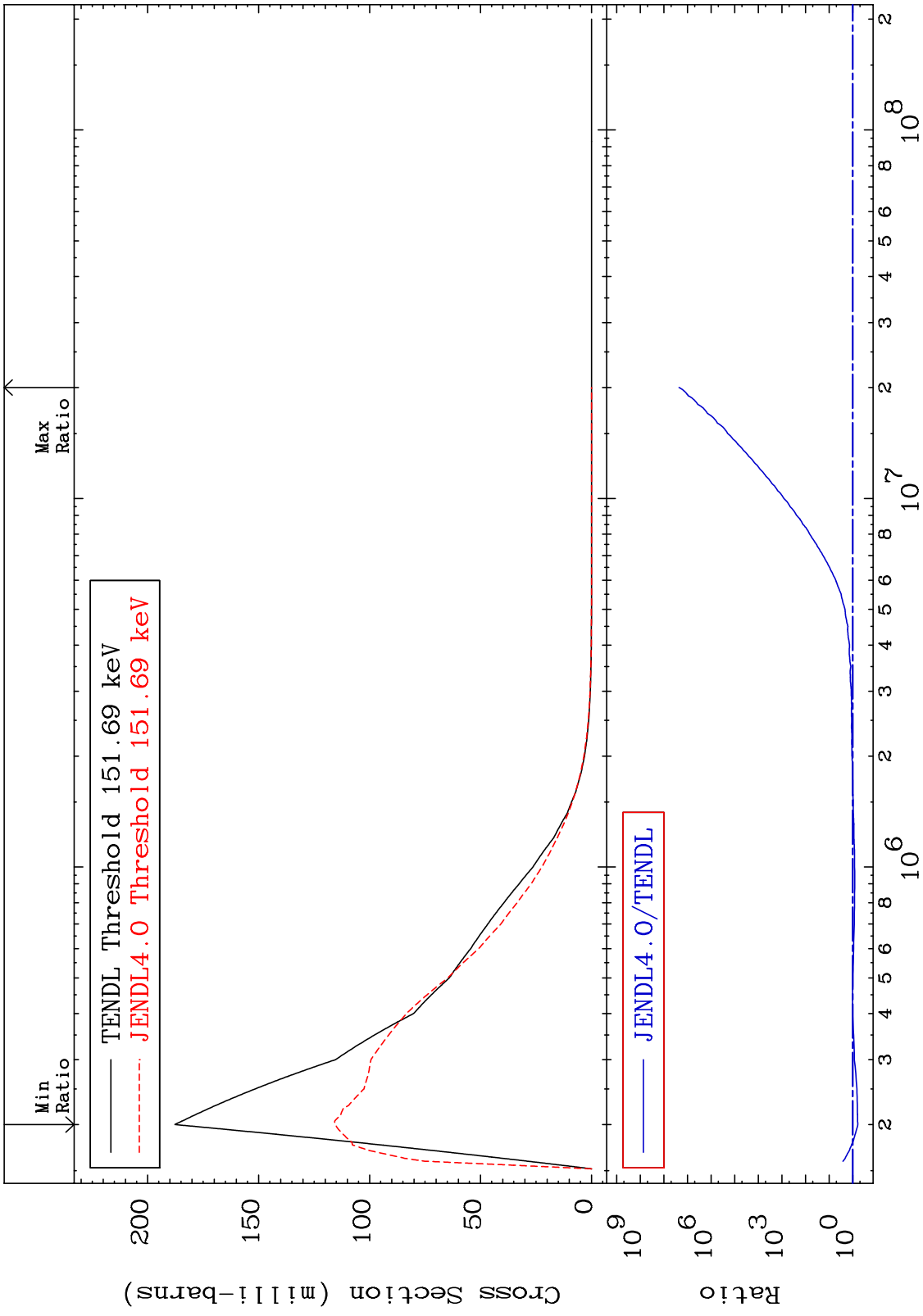
MAT 6328 MT= 67 (n,n') Level Cross Section 63-Eu-152 -99.96 To 5153. %



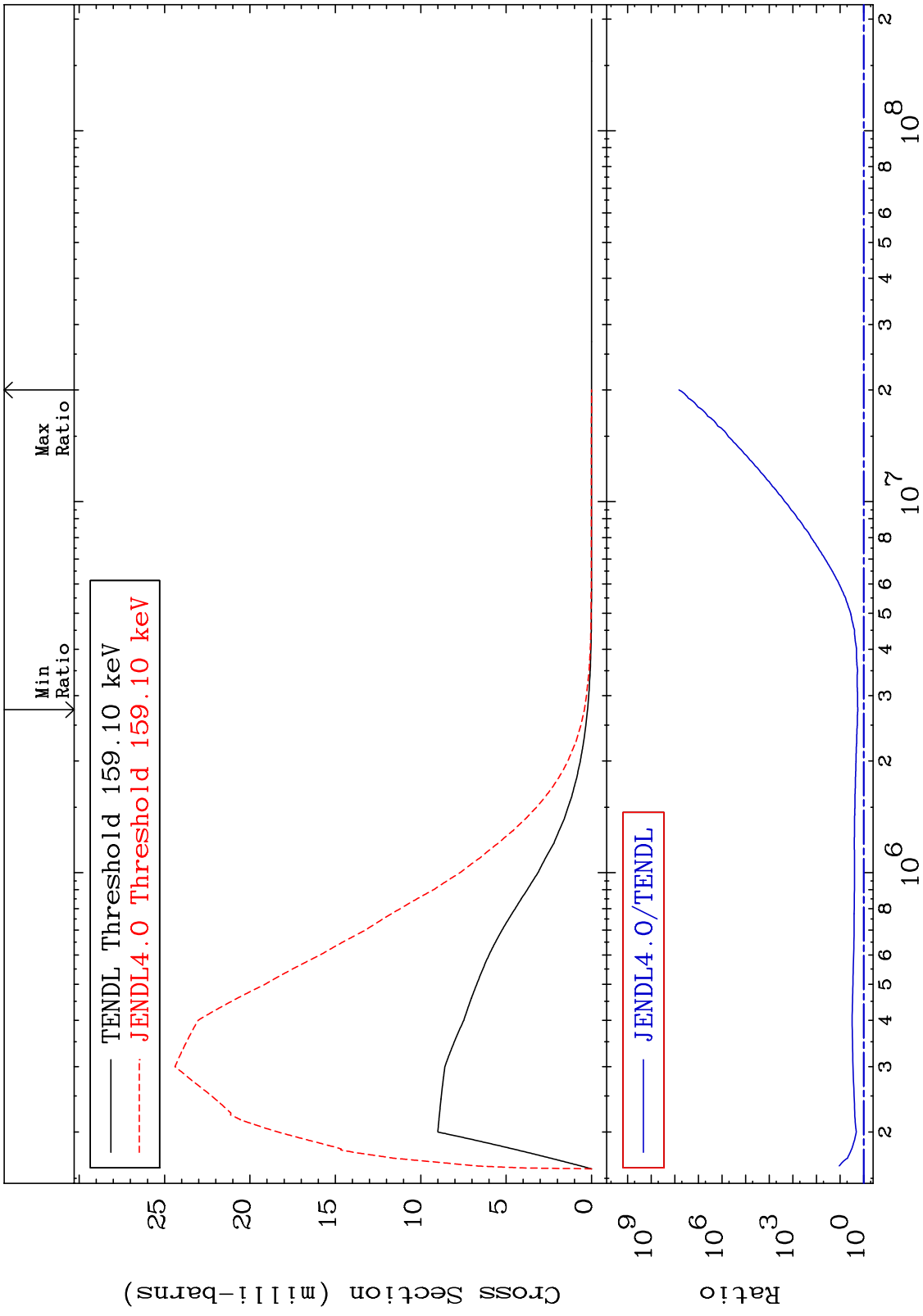
MAT 6328 MT= 68 (n,n') Level Cross Section 63-Eu-152 -99.89 To 331.2 %



MAT 6328 MT= 69 (n,n') Level Cross Section 63-Eu-152  
 -38.51 To 9999. %

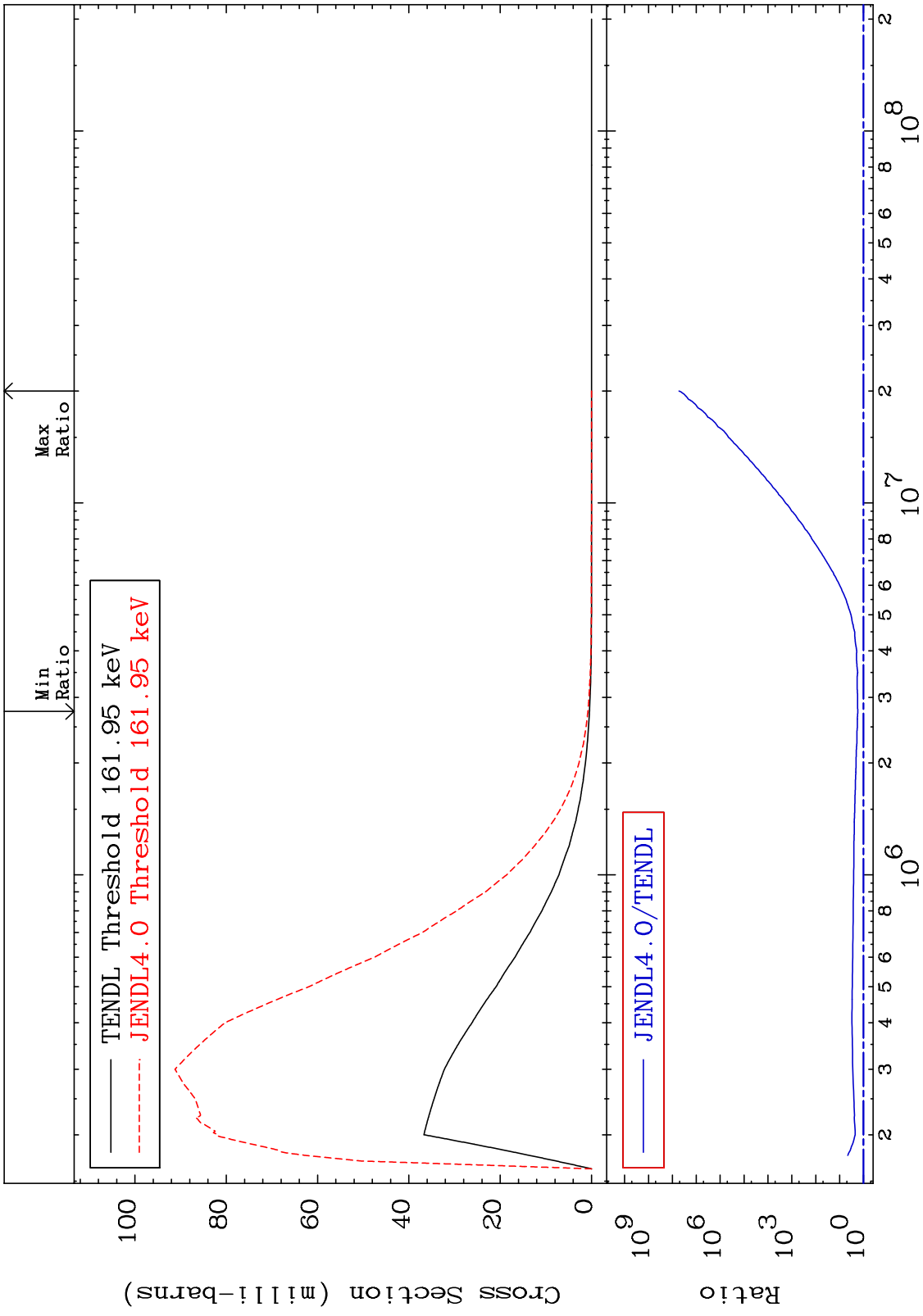


MAT 6328 MT= 70 (n,n') Level Cross Section 63-Eu-152 75.86 To 9999. %

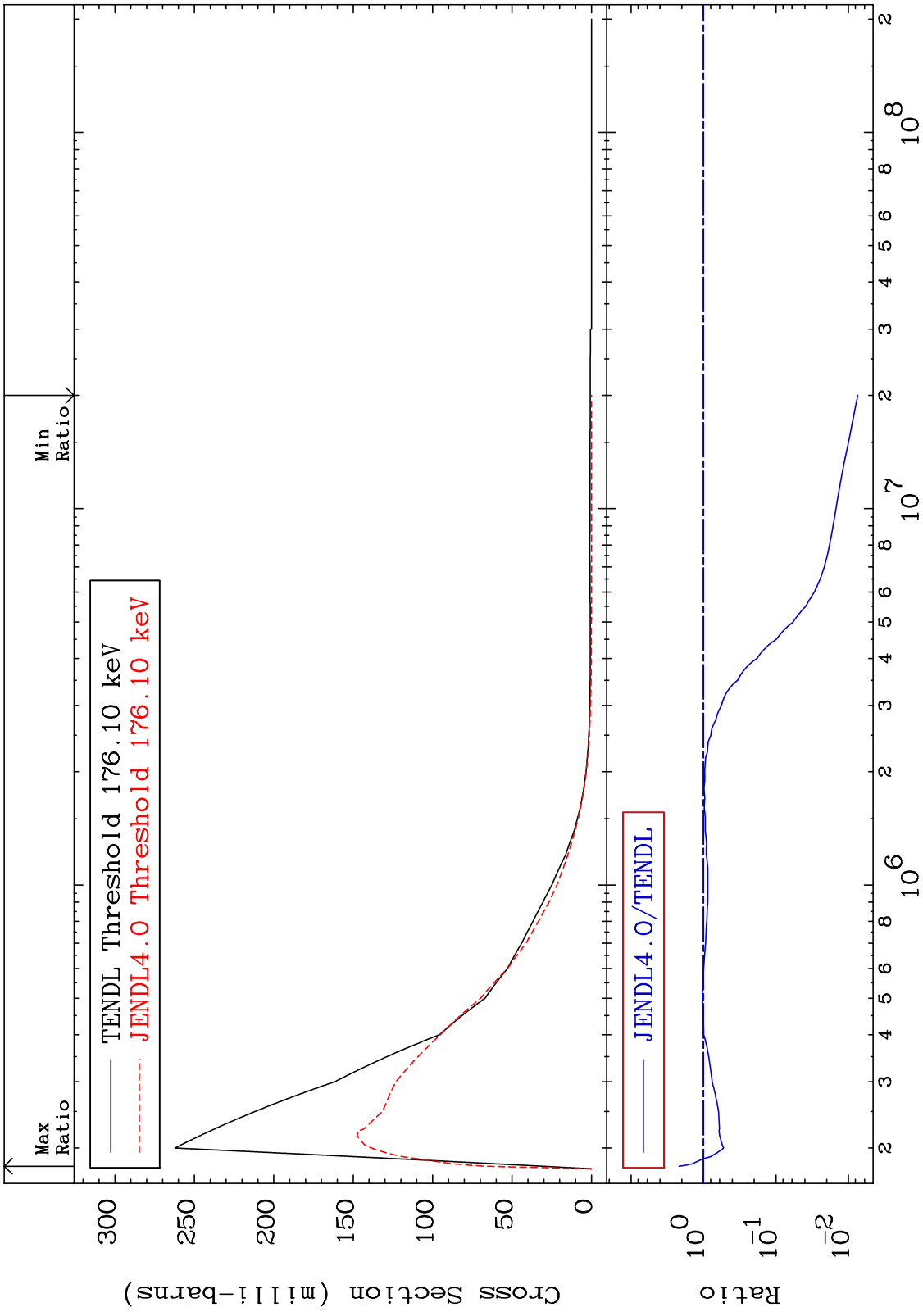




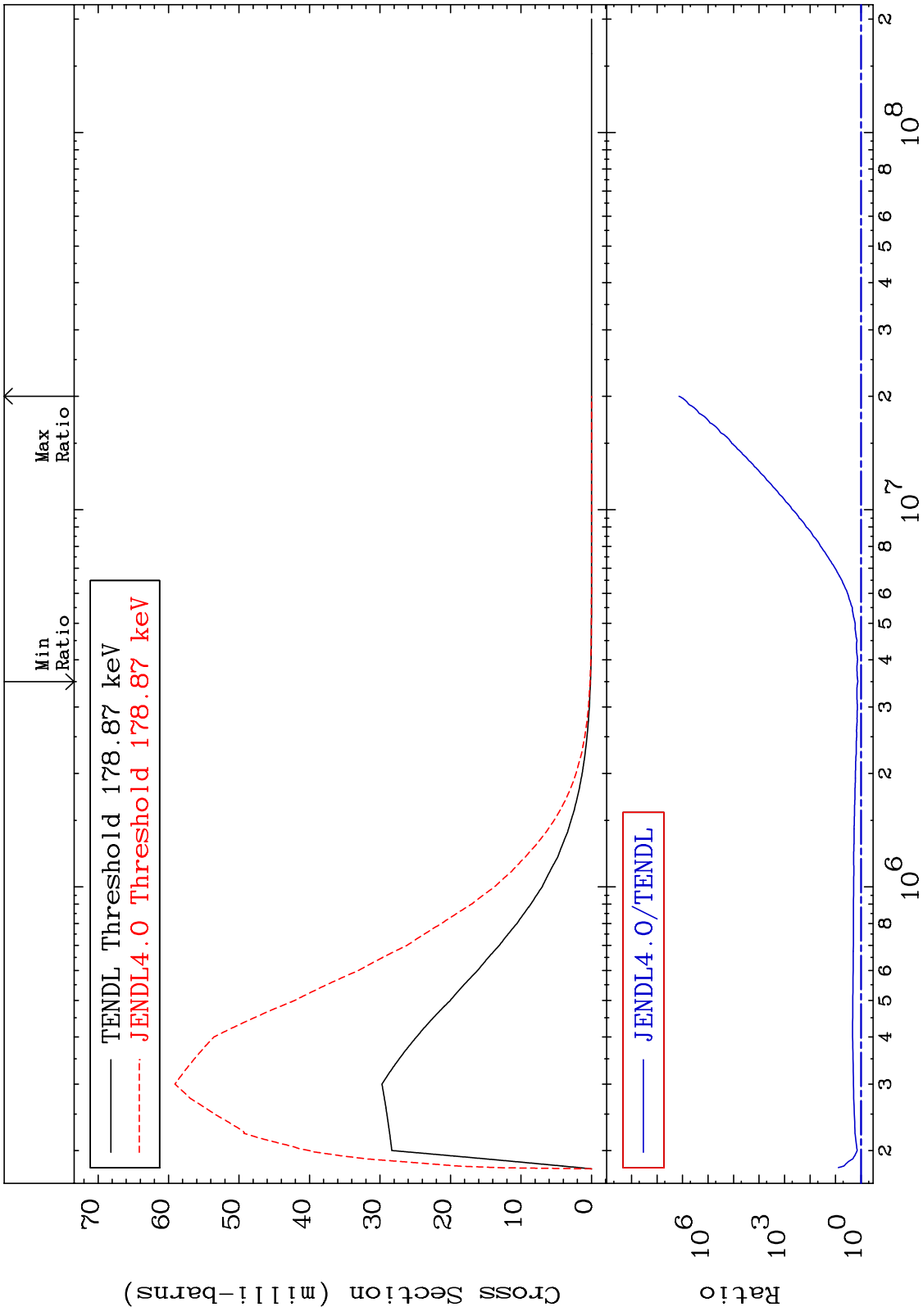
MAT 6328 MT= 71 (n,n') Level Cross Section 63-Eu-152 73.12 To 9999. %



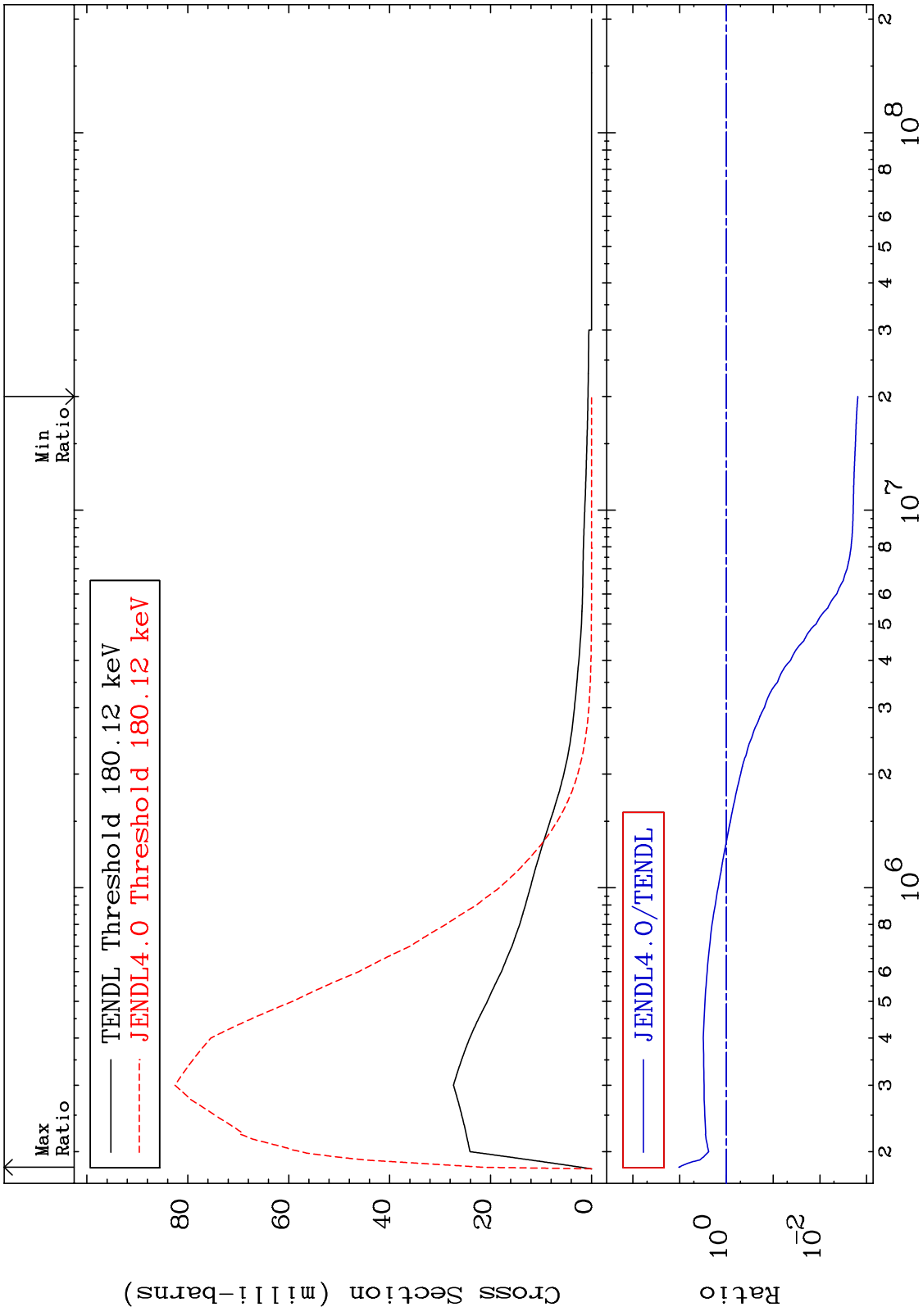
MAT 6328 MT= 72 (n,n') Level Cross Section 63-Eu-152 -99.26 To 118.0 %



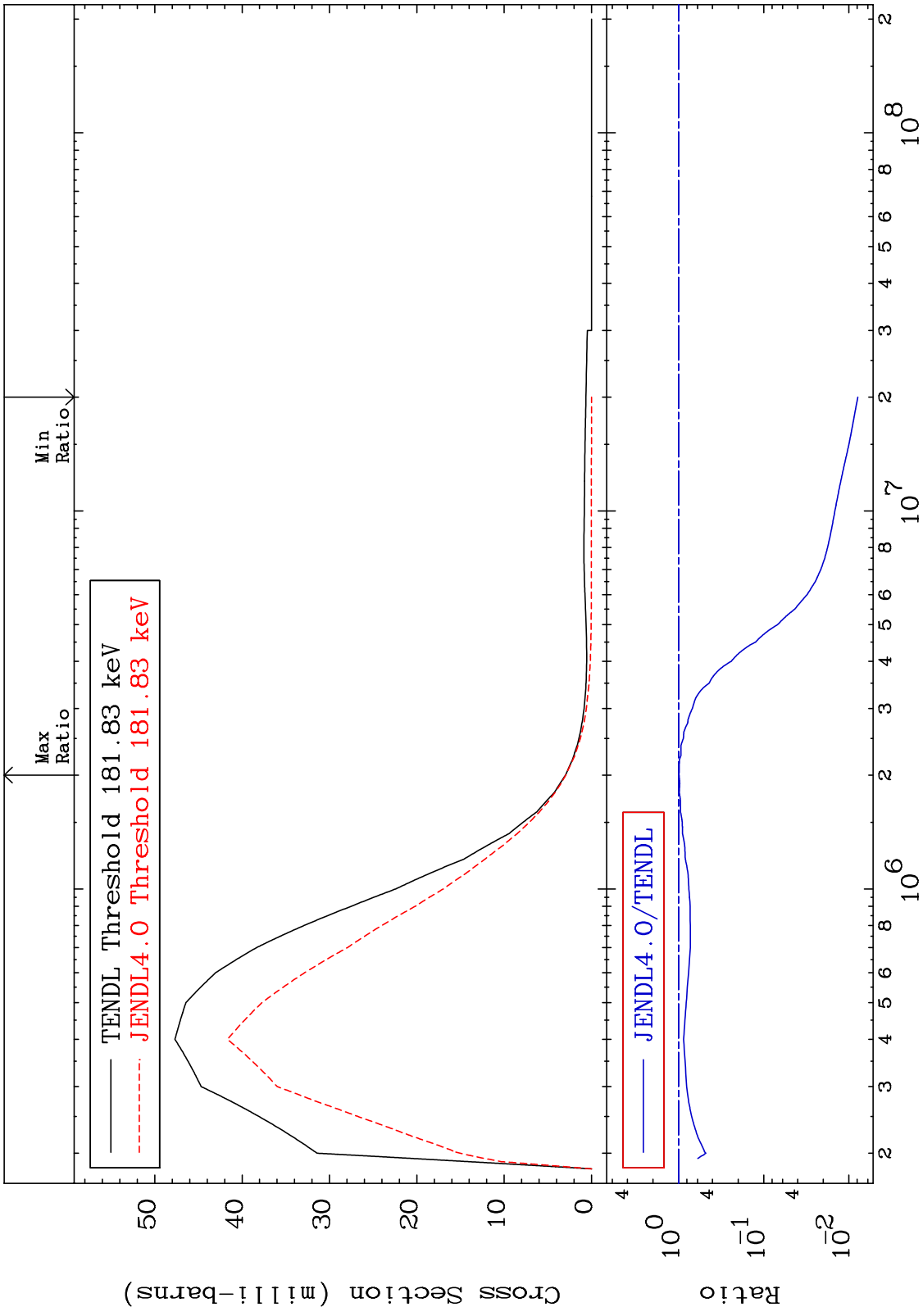
MAT 6328 MT= 73 (n,n') Level Cross Section 63-Eu-152 33.72 To 9999. %



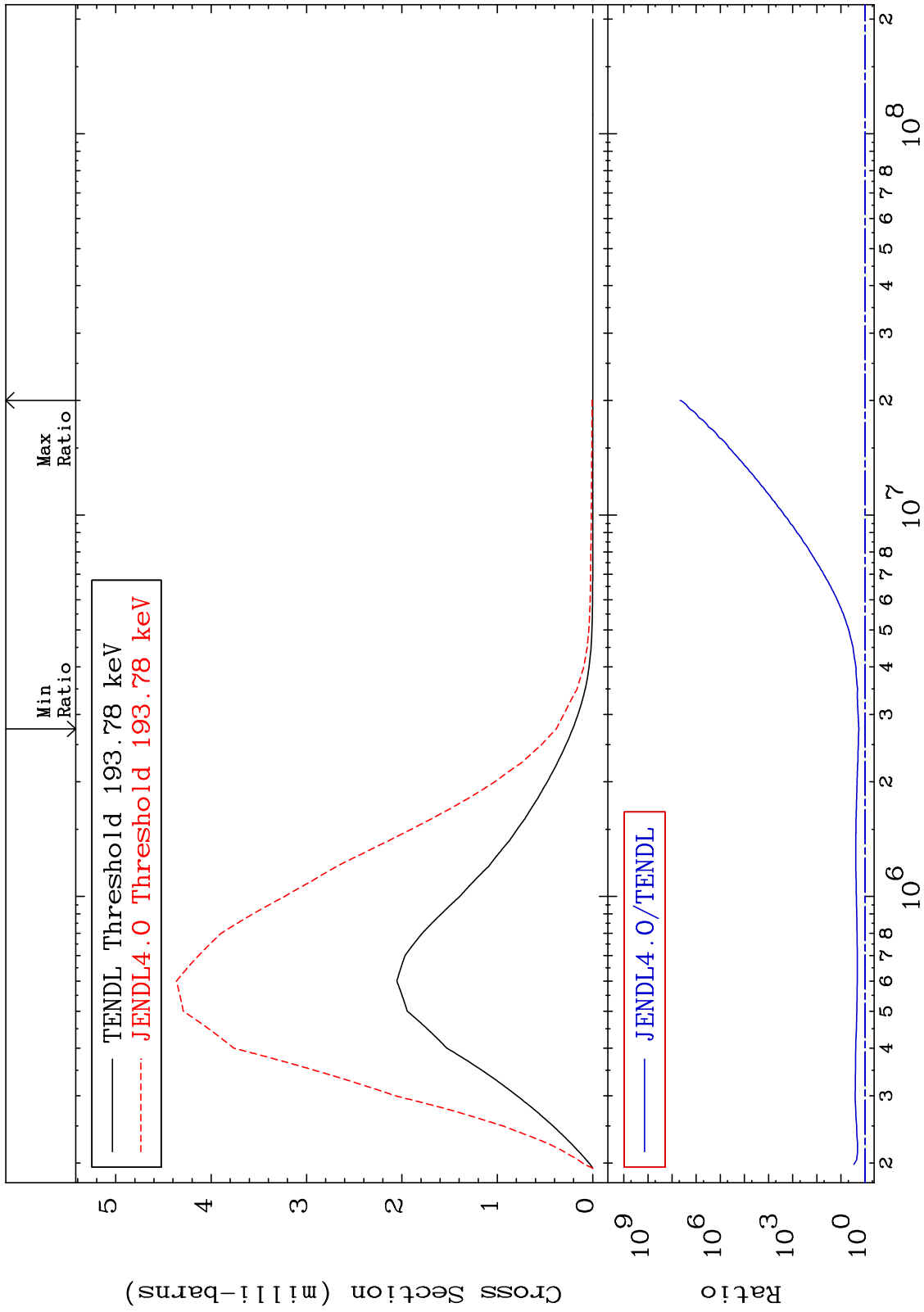
MAT 6328 MT= 74 (n,n') Level Cross Section 63-Eu-152 -99.85 To 932.3 %



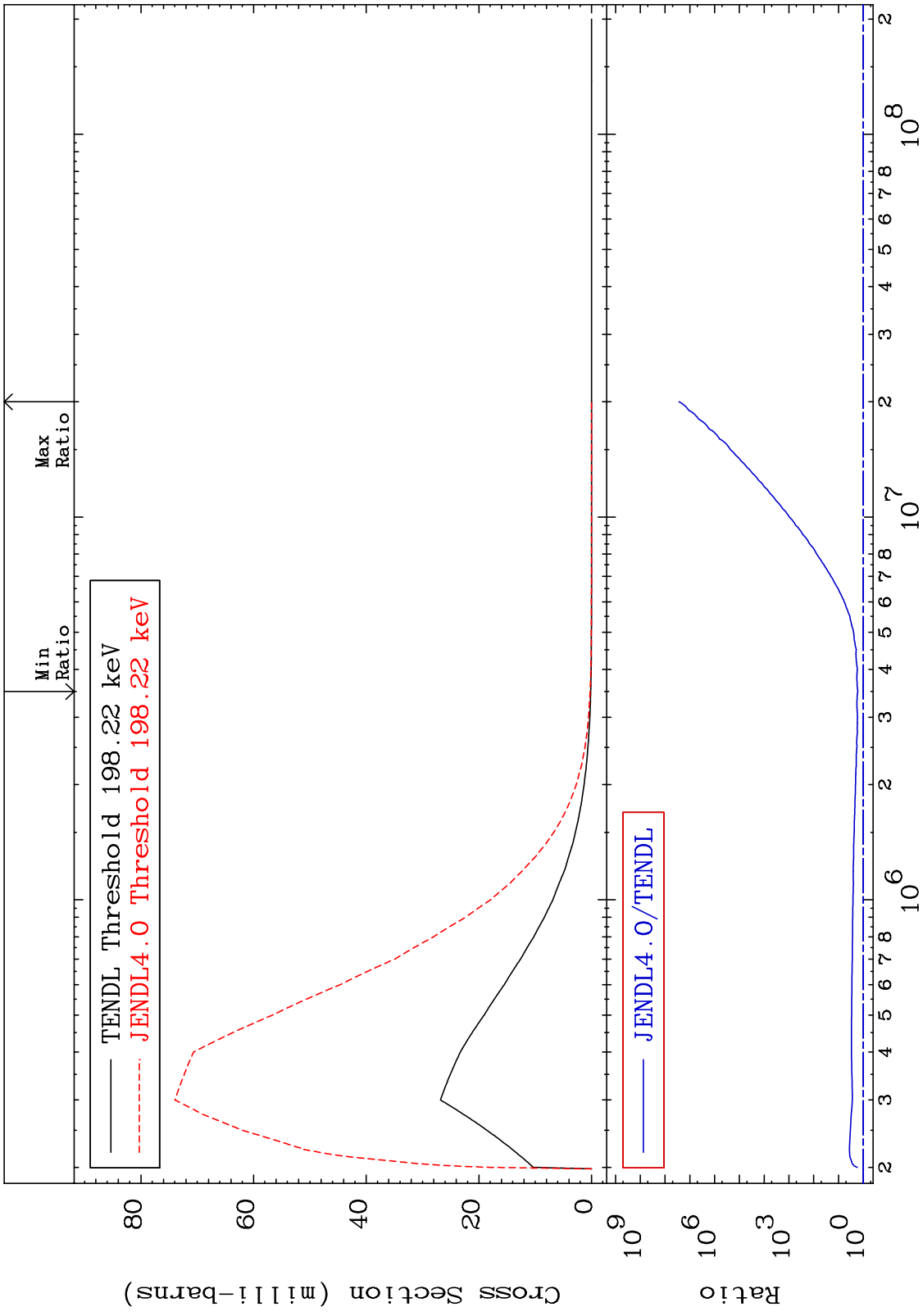
MAT 6328 MT= 75 (n,n') Level Cross Section 63-Eu-152 -99.21 To -1.144%



MAT 6328 MT= 76 (n,n') Level Cross Section 63-Eu-152 81.77 To 9999. %

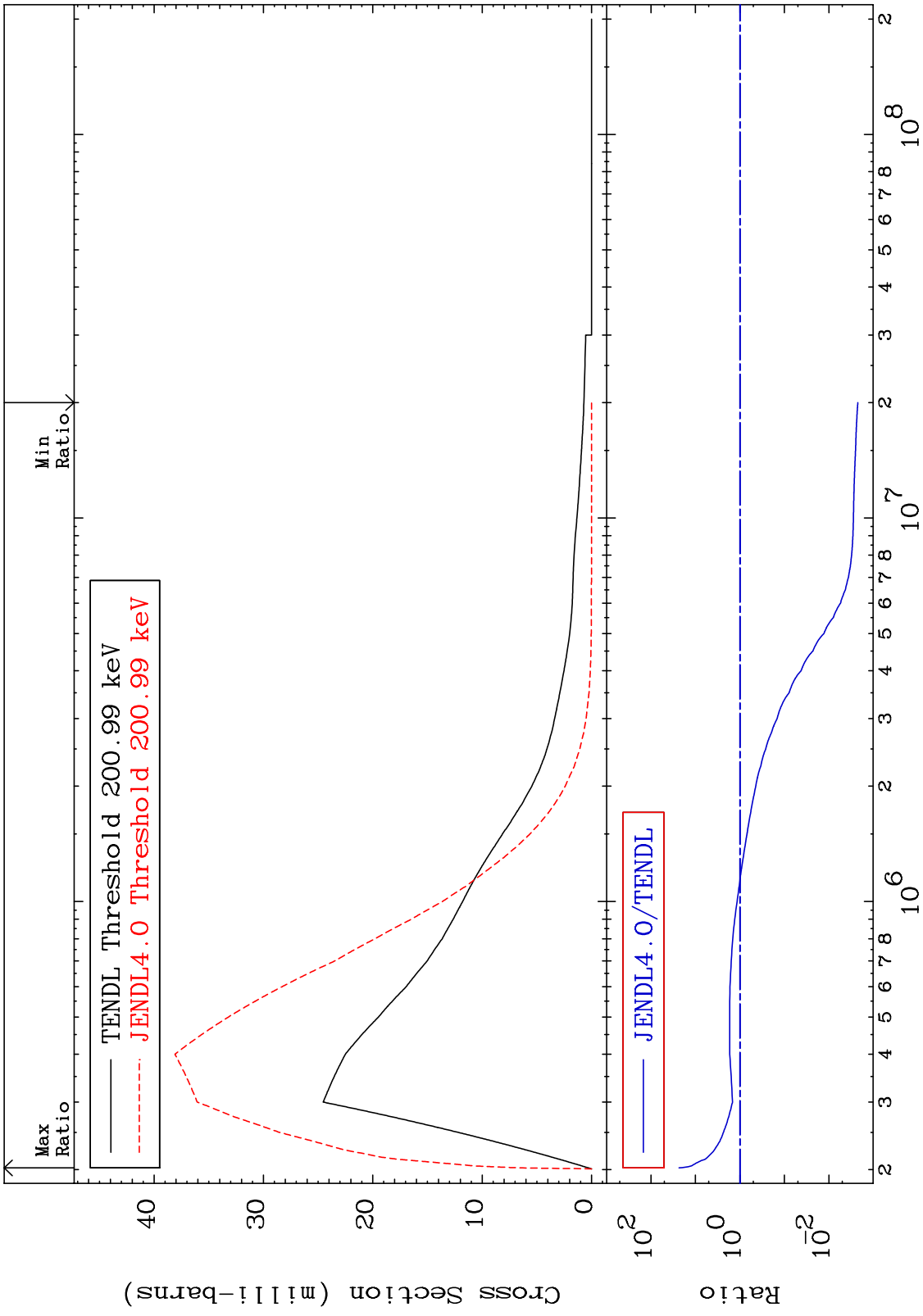


MAT 6328 MT= 77 (n,n') Level Cross Section 63-Eu-152 66.00 To 9999. %



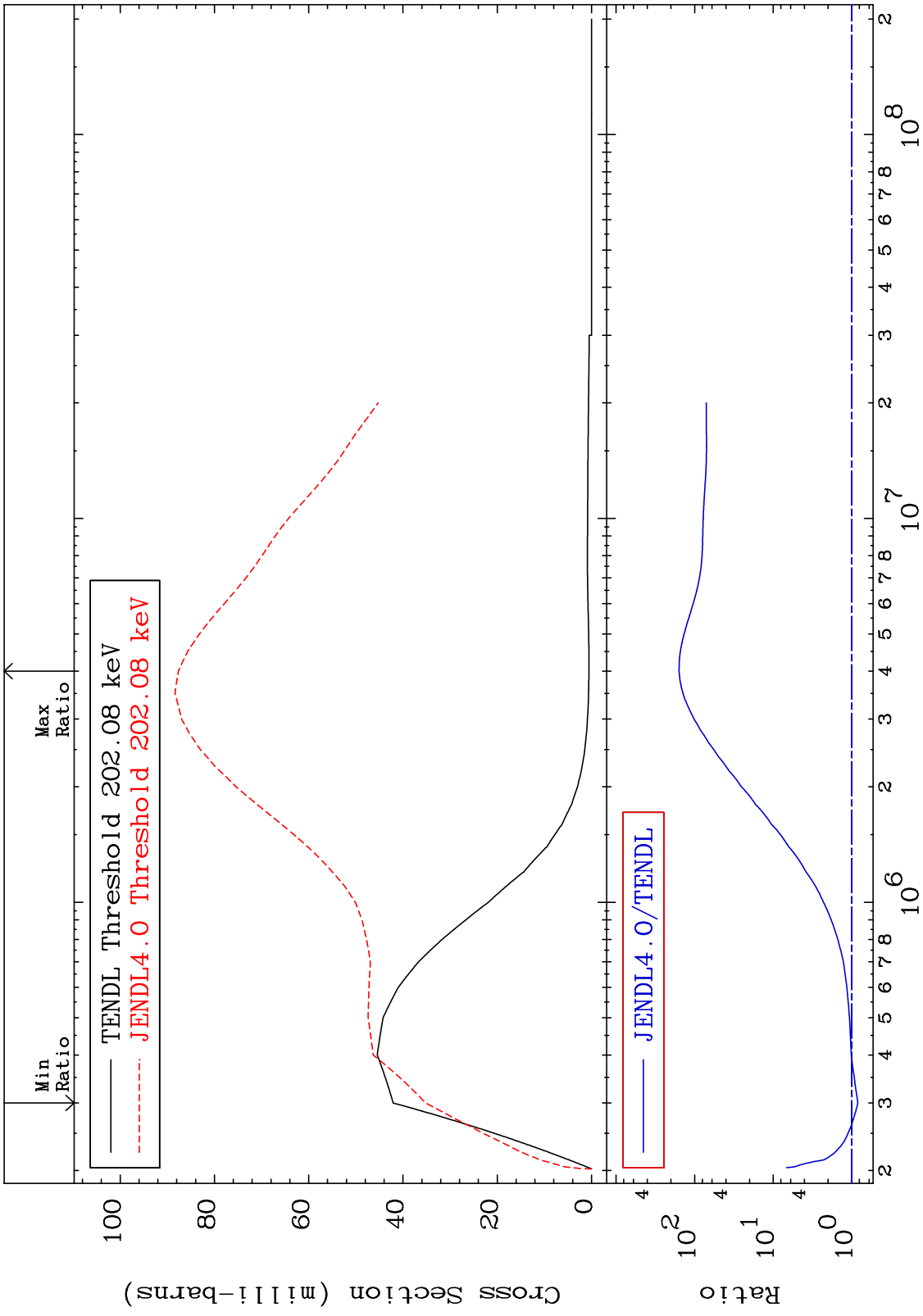
38 Incident Energy (eV) 63-Eu-152

MAT 6328 MT= 78 (n,n') Level Cross Section 63-Eu-152 -99.78 To 2231. %



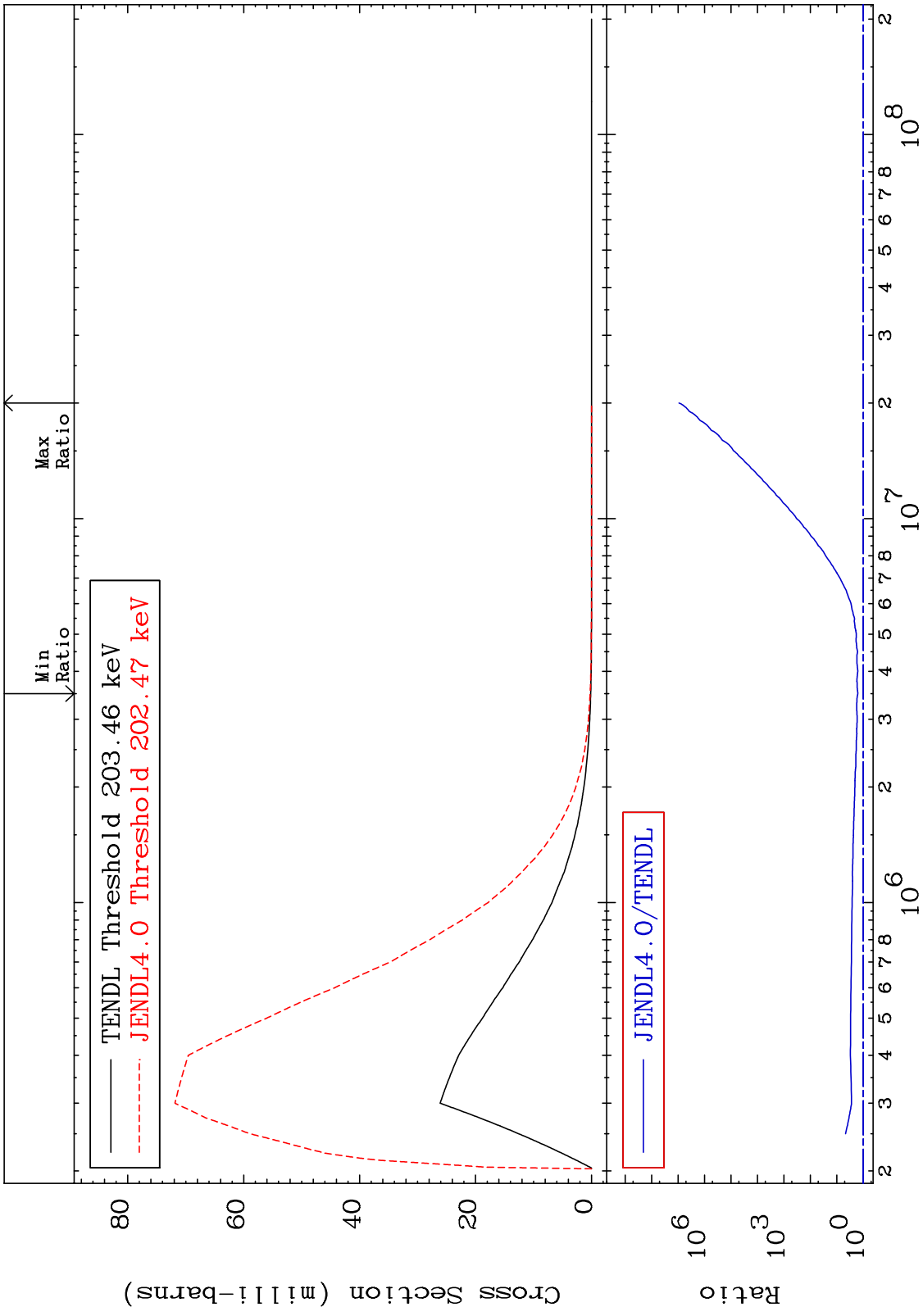


MAT 6328 MT= 79 (n,n') Level Cross Section 63-Eu-152  
 -16.31 To 9999. %

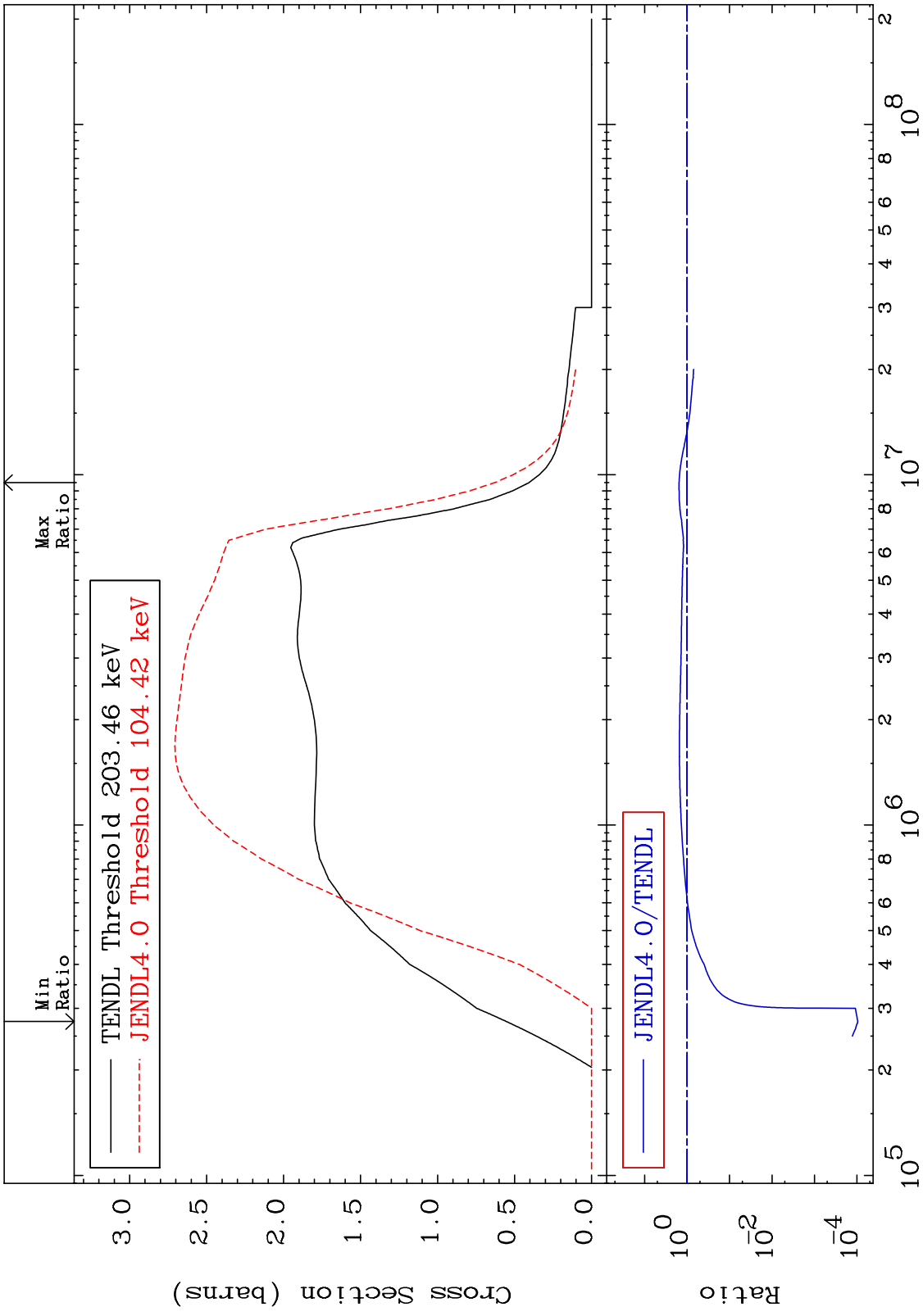


40 Incident Energy (eV) 63-Eu-152

MAT 6328 MT= 80 (n,n') Level Cross Section 63-Eu-152 59.16 To 9999. %



MAT 6328 (n,n') Continuum Cross Section 63-Eu-152  
 -99.99 To 54.57 %



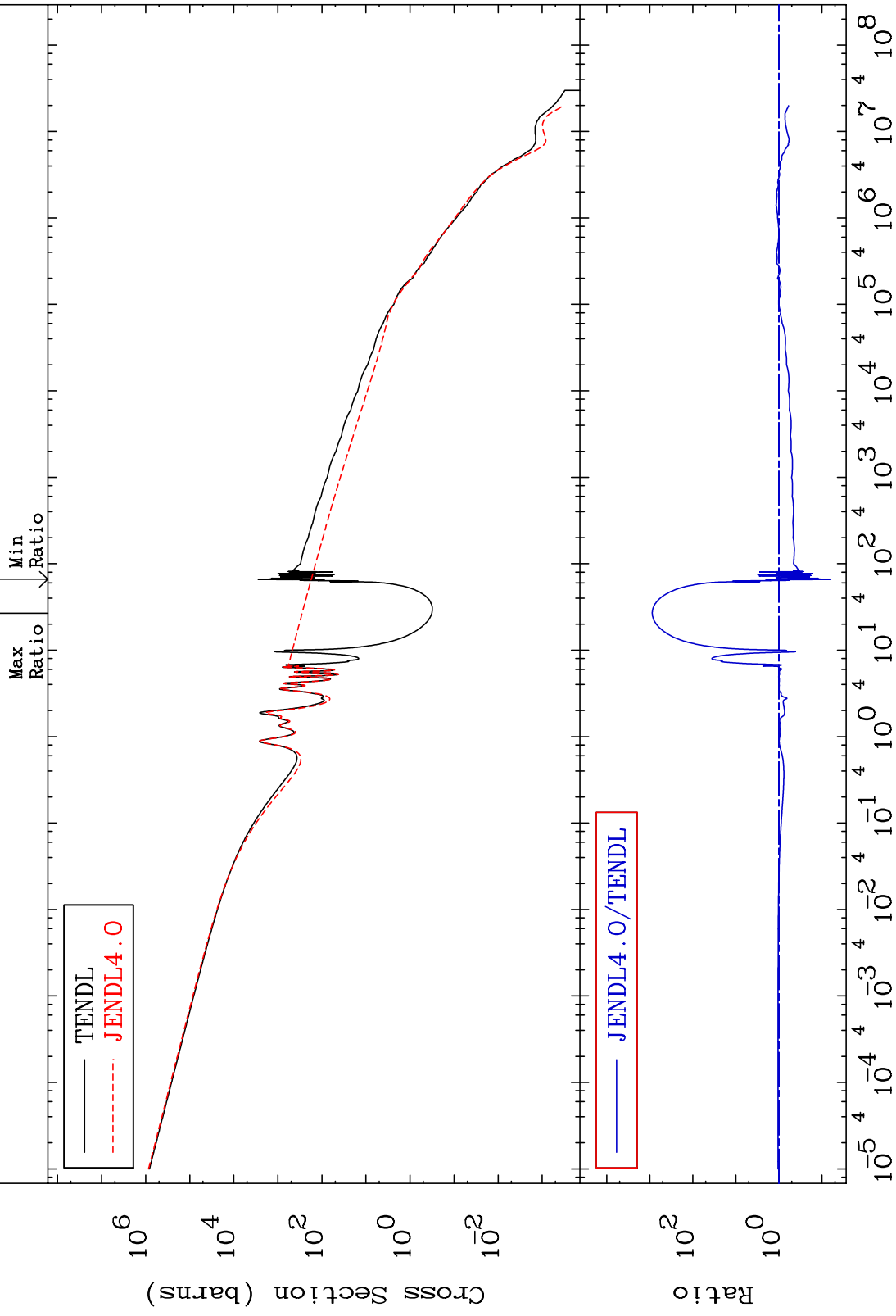
MAT 6328

63-Eu-152

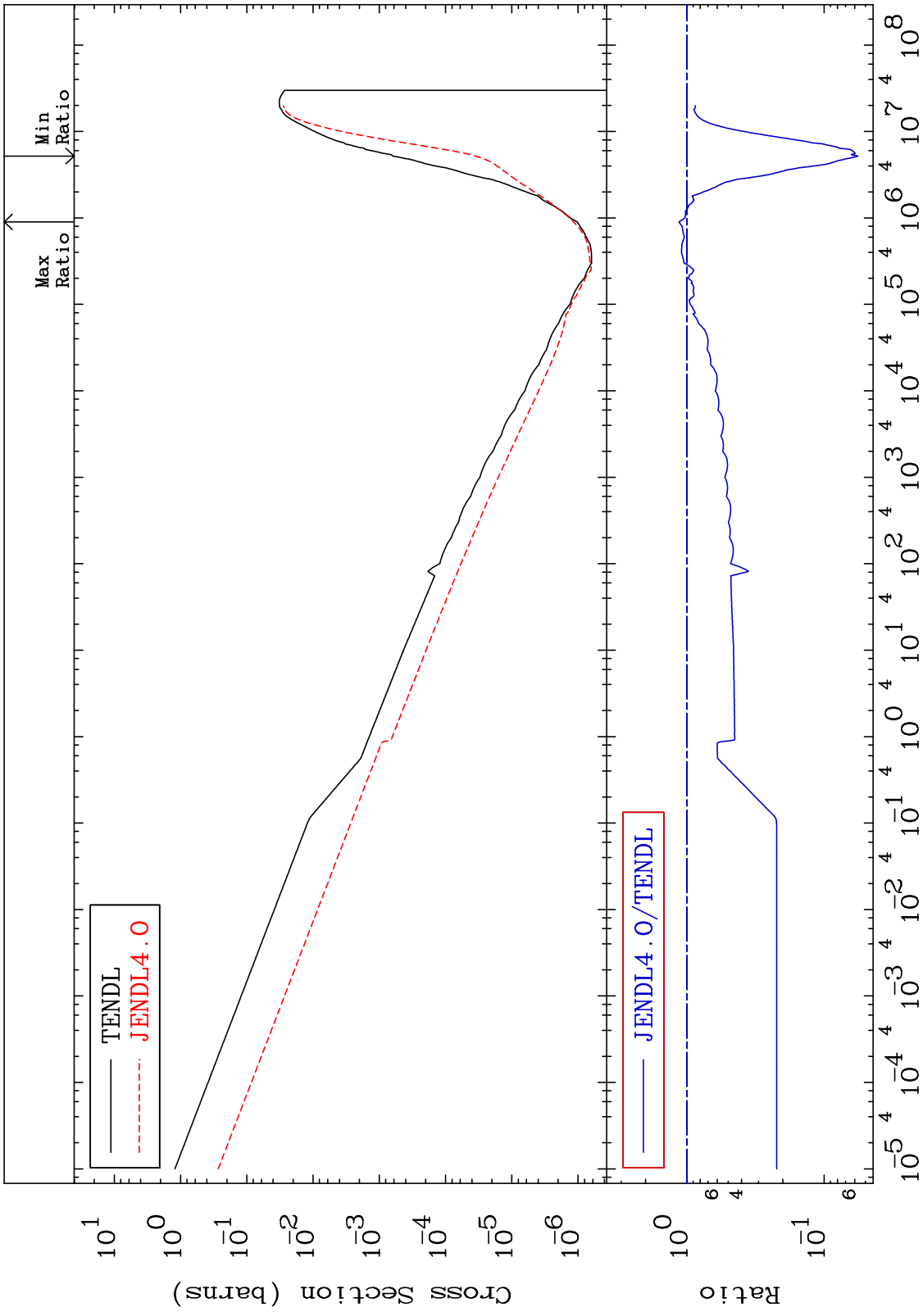
-93.81 To 9999. %

(n,  $\gamma$ )

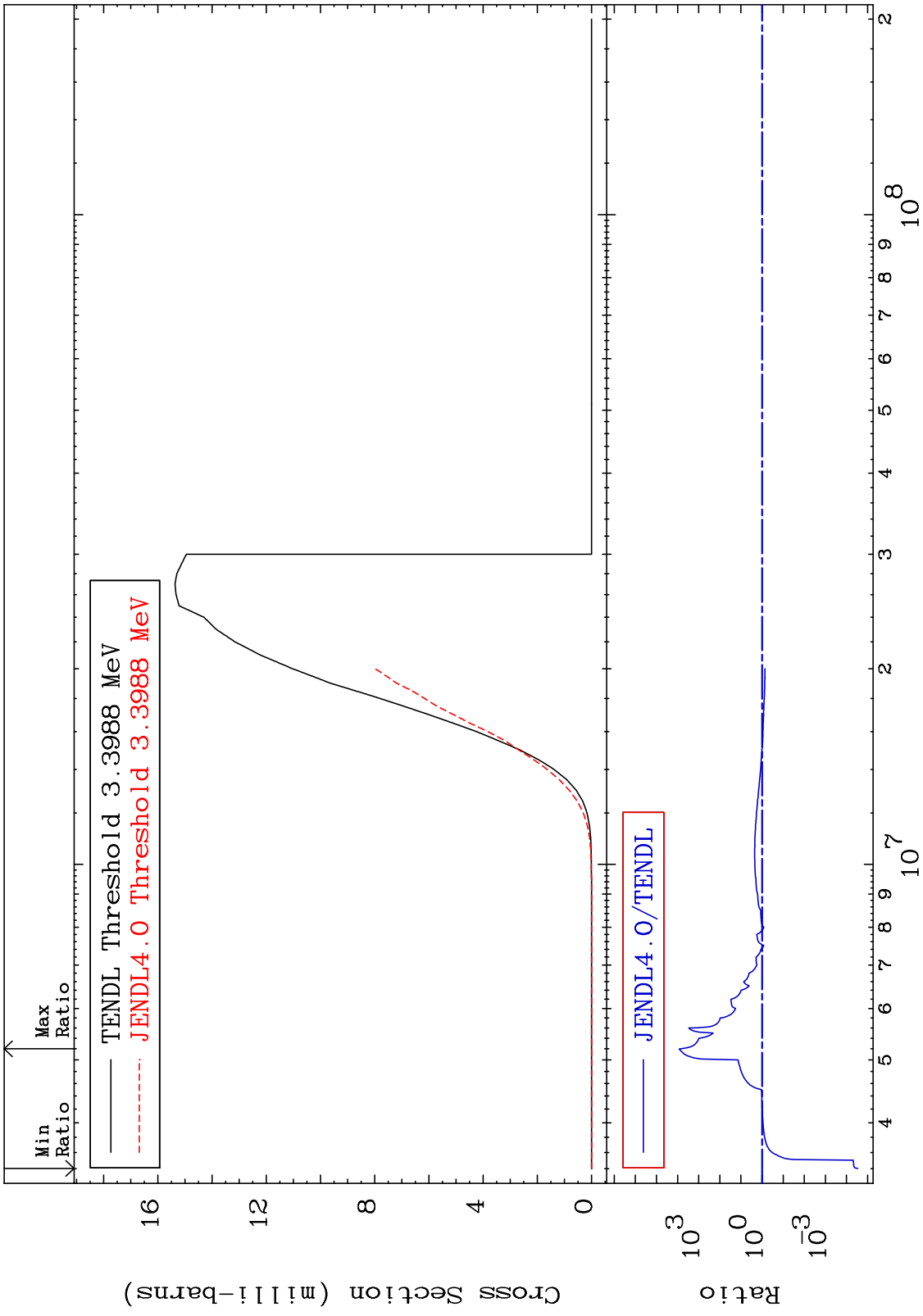
Cross Section



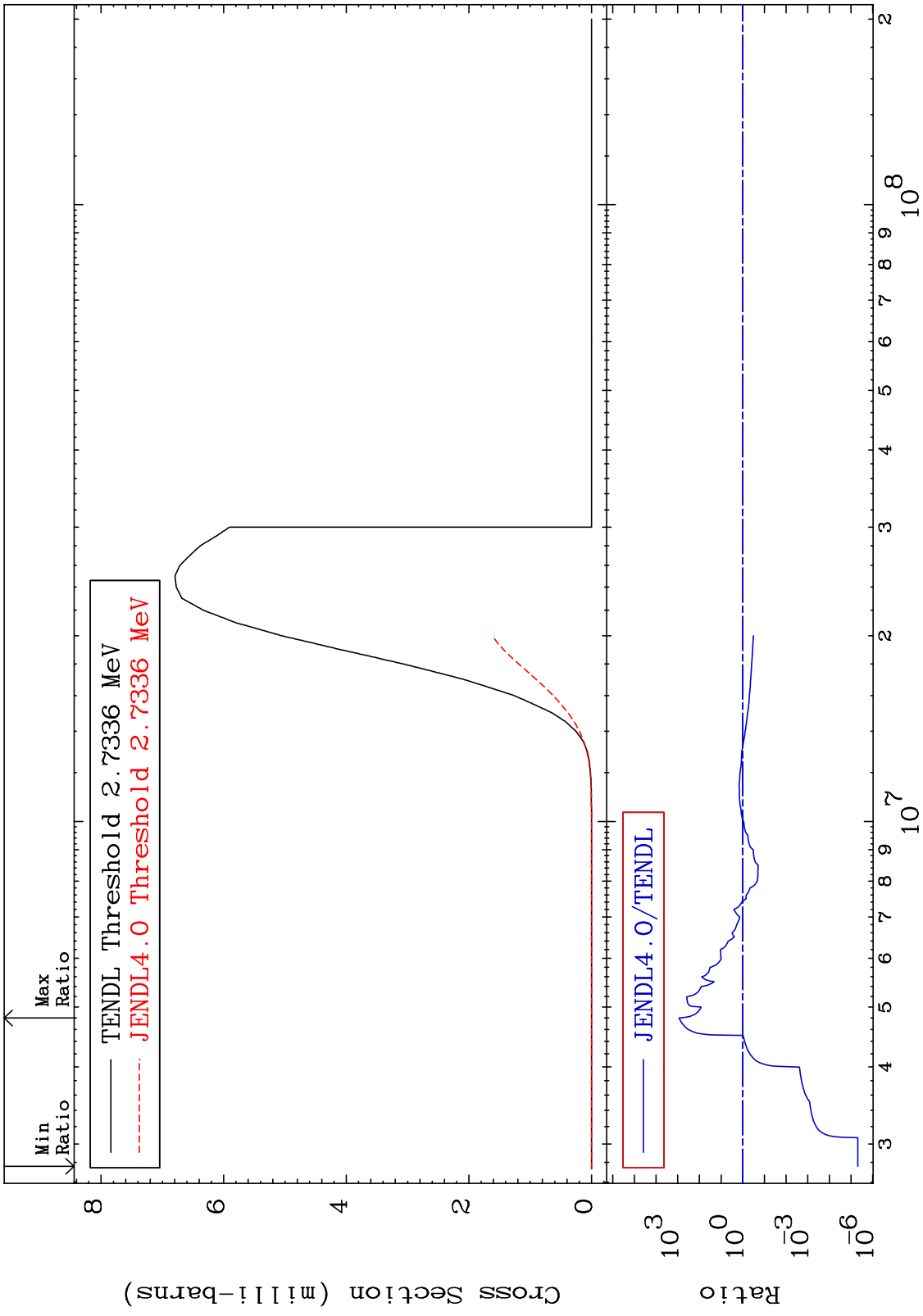
MAT 6328 (n,p) Cross Section 63-Eu-152 -94.31 To 13.89 %



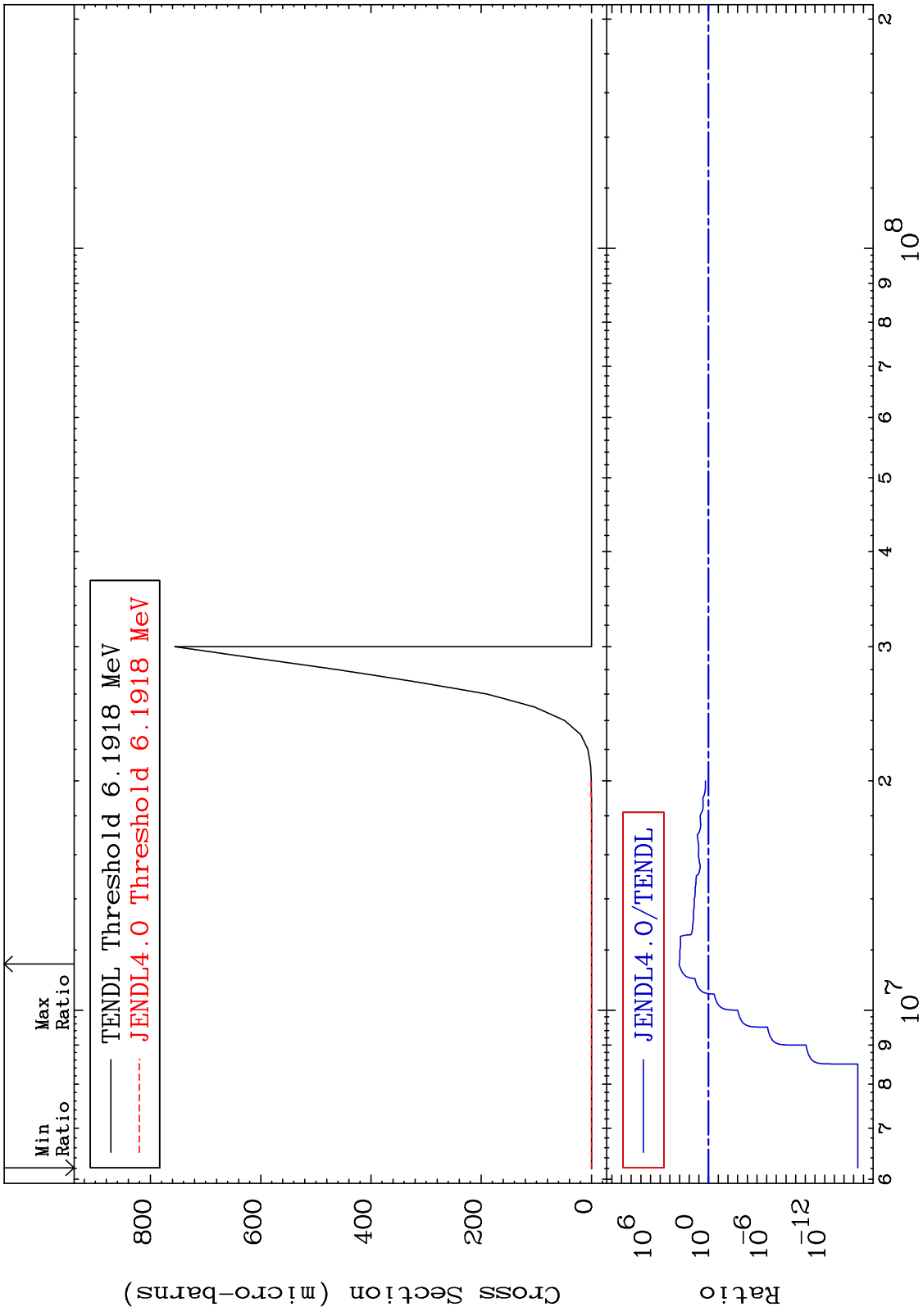
MAT 6328 (n,d) 63-Eu-152  
 Cross Section -100.0 To 9999. %



MAT 6328 (n,t) 63-Eu-152  
 Cross Section -100.0 To 9999. %

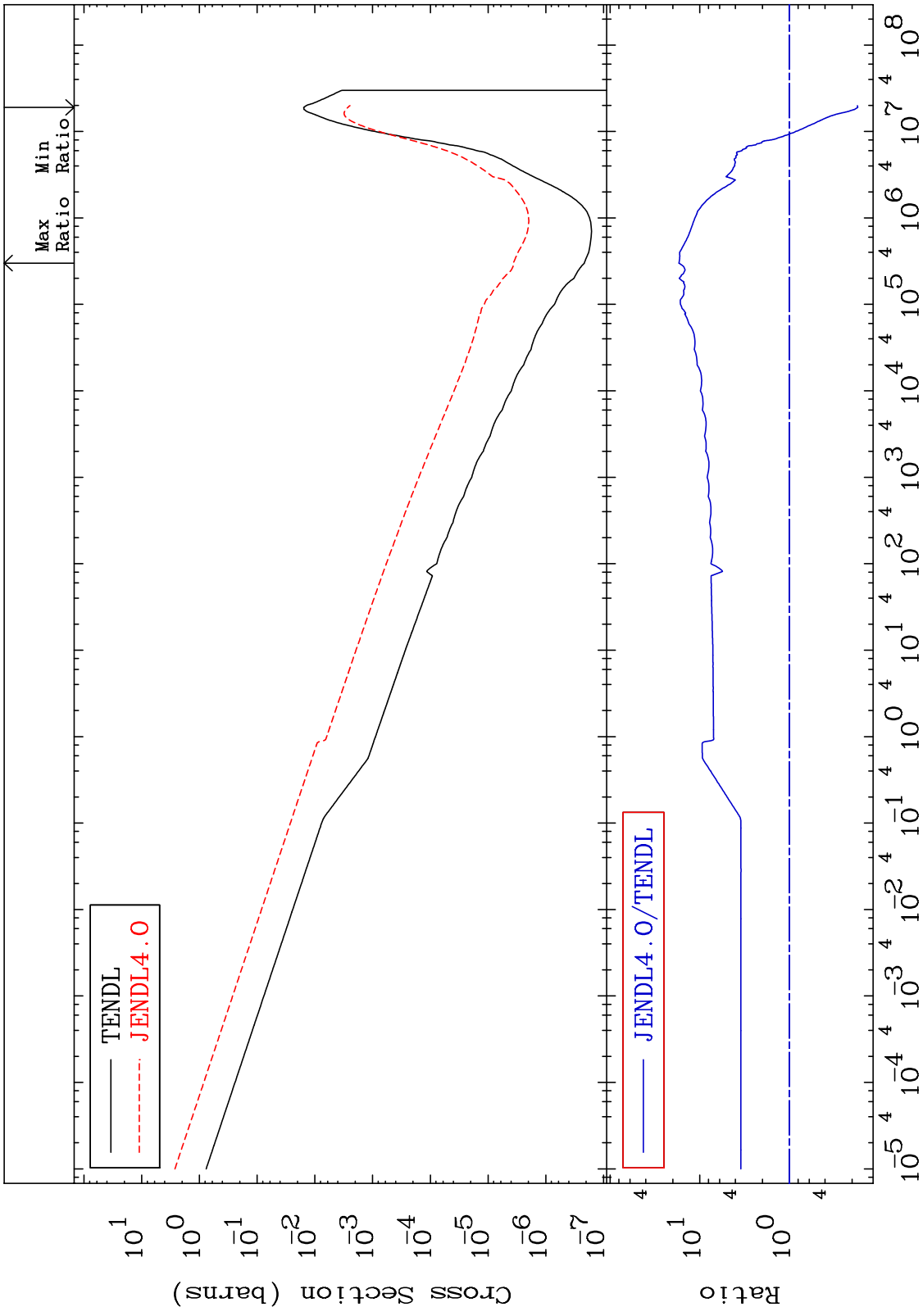


MAT 6328 (n, He-3) 63-Eu-152  
 Cross Section -100.0 To 9999. %





MAT 6328  $(n, \alpha)$  Cross Section 63-Eu-152 -82.74 To 1603. %

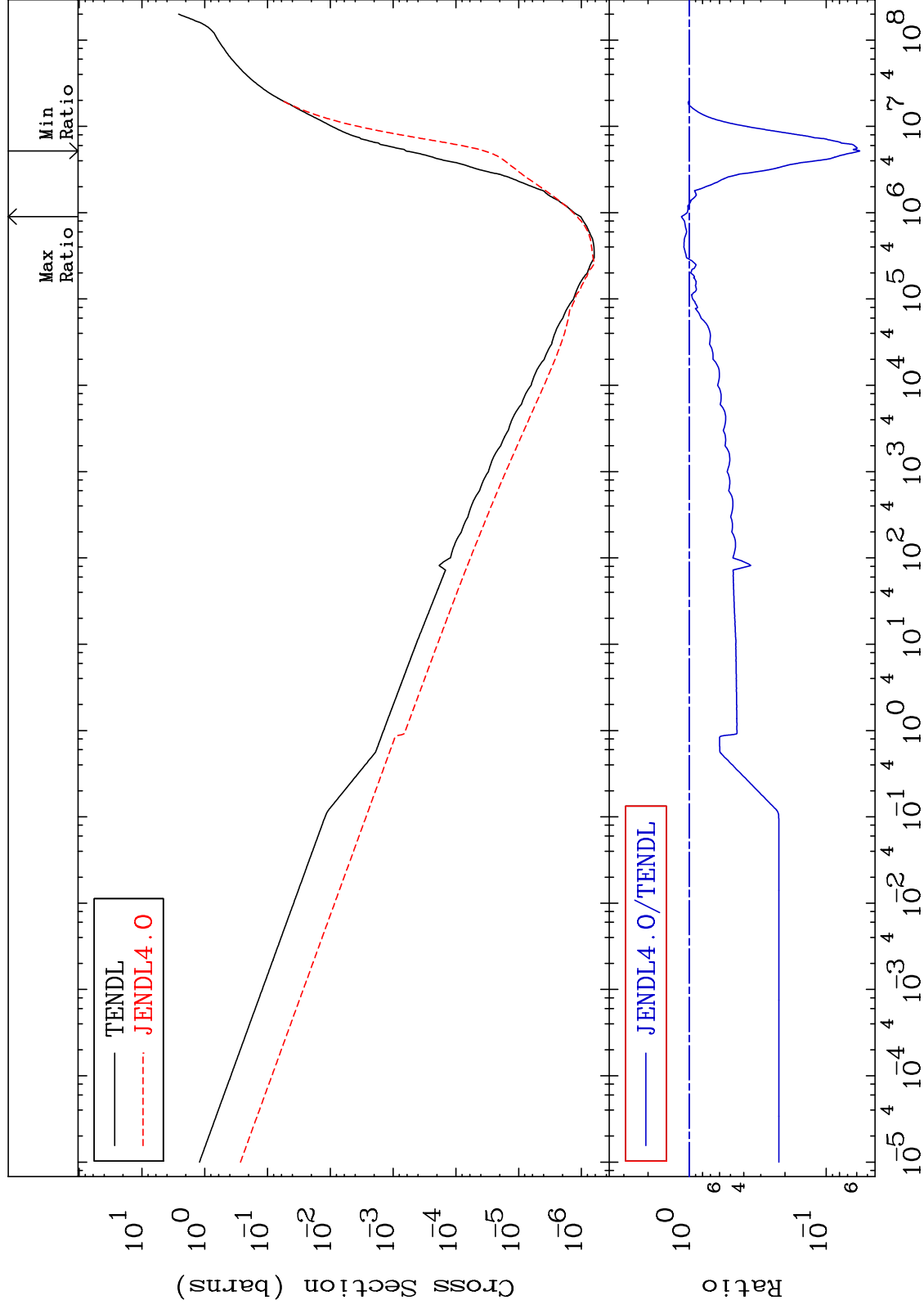


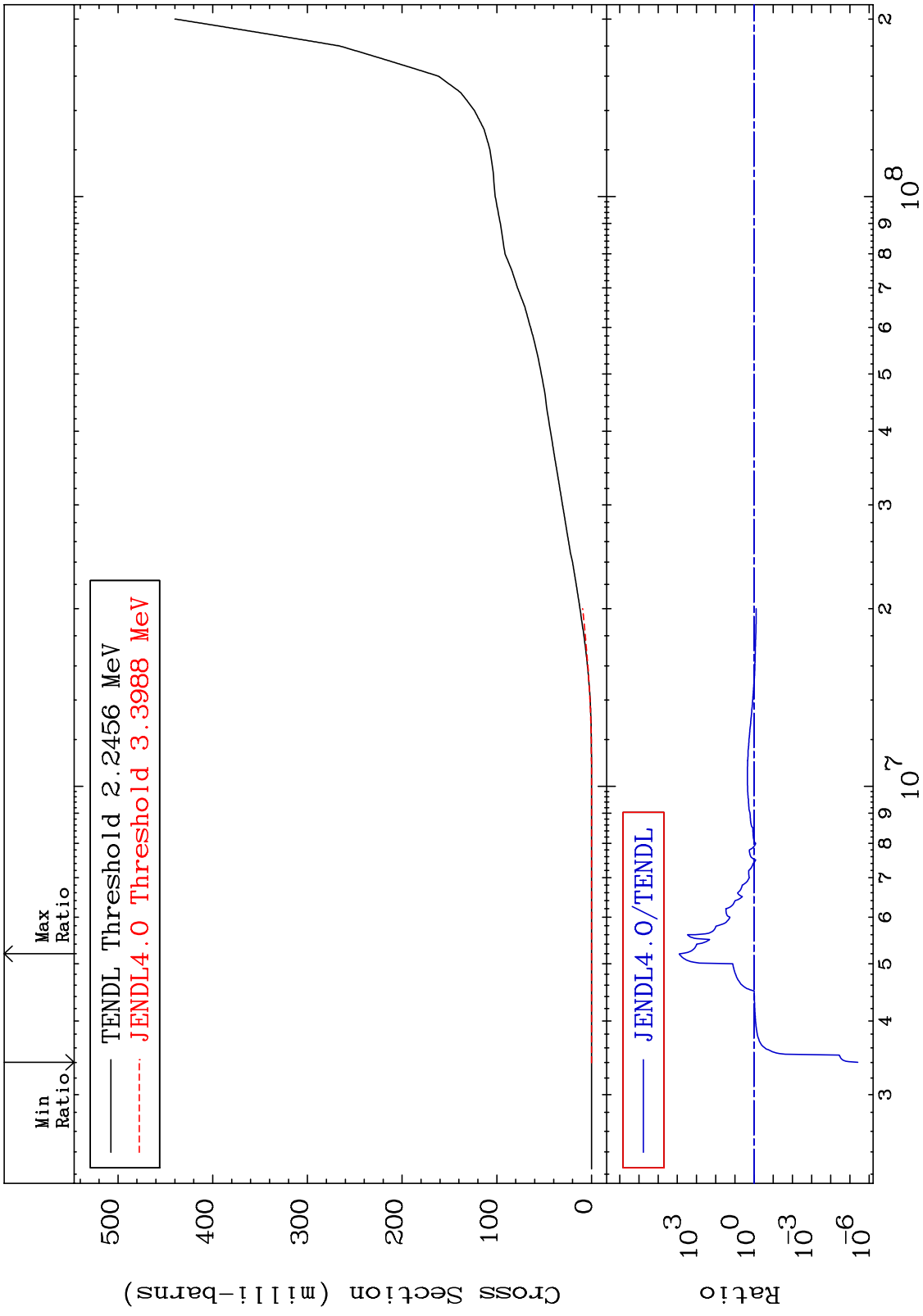
48 63-Eu-152

MAT 6328

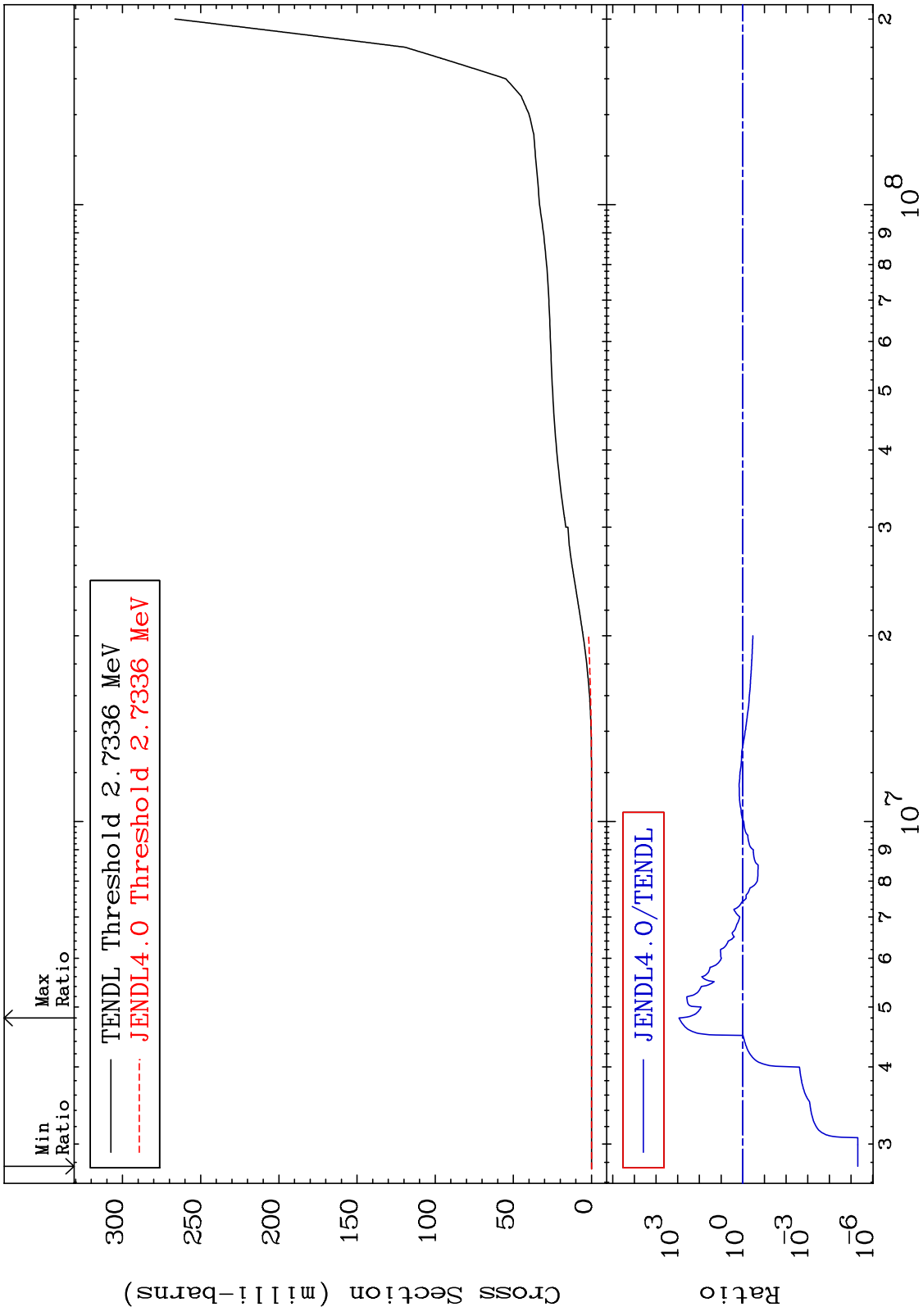
Hydrogen Production  
Cross Section

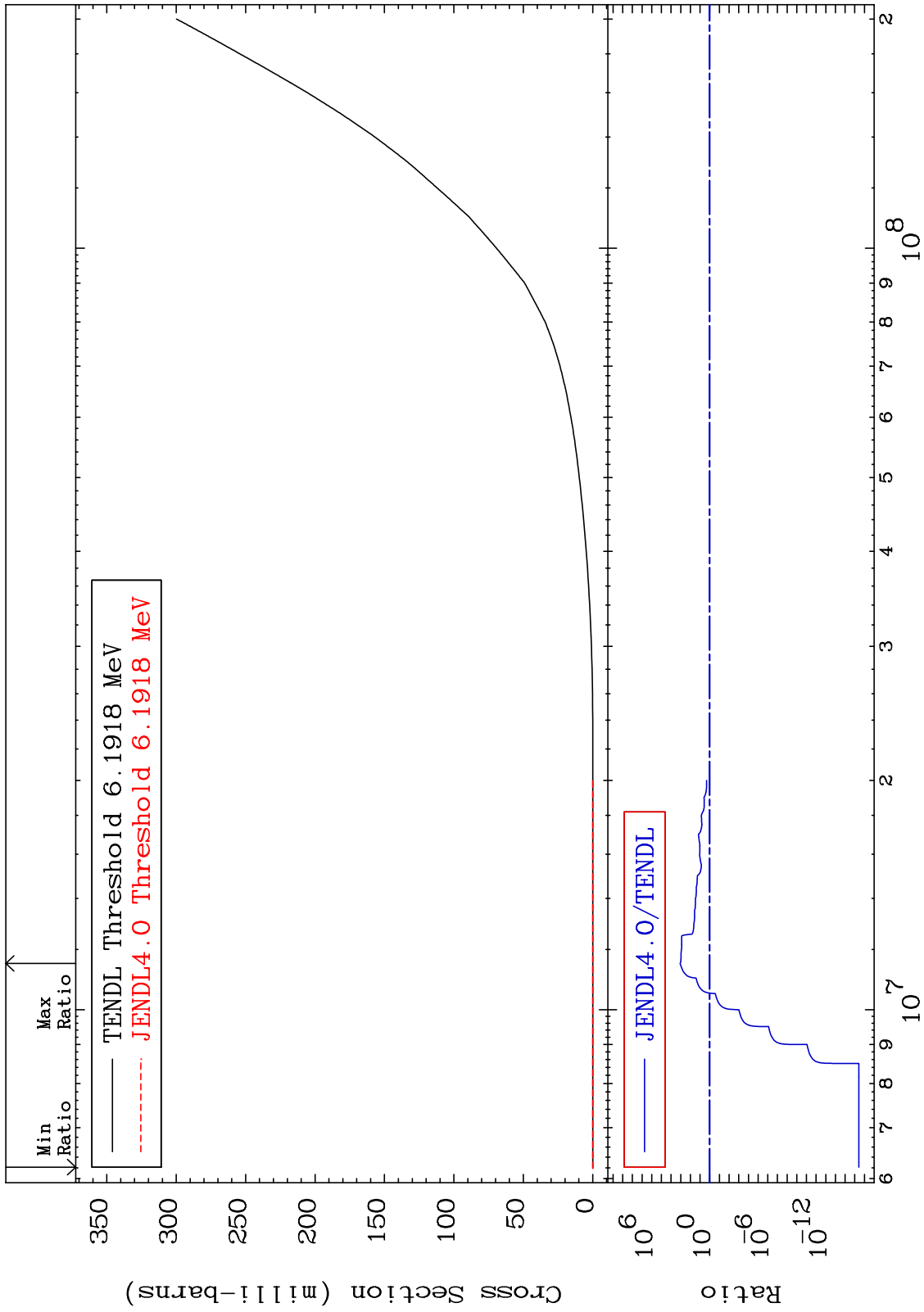
63-Eu-152  
-94.31 To 13.89 %



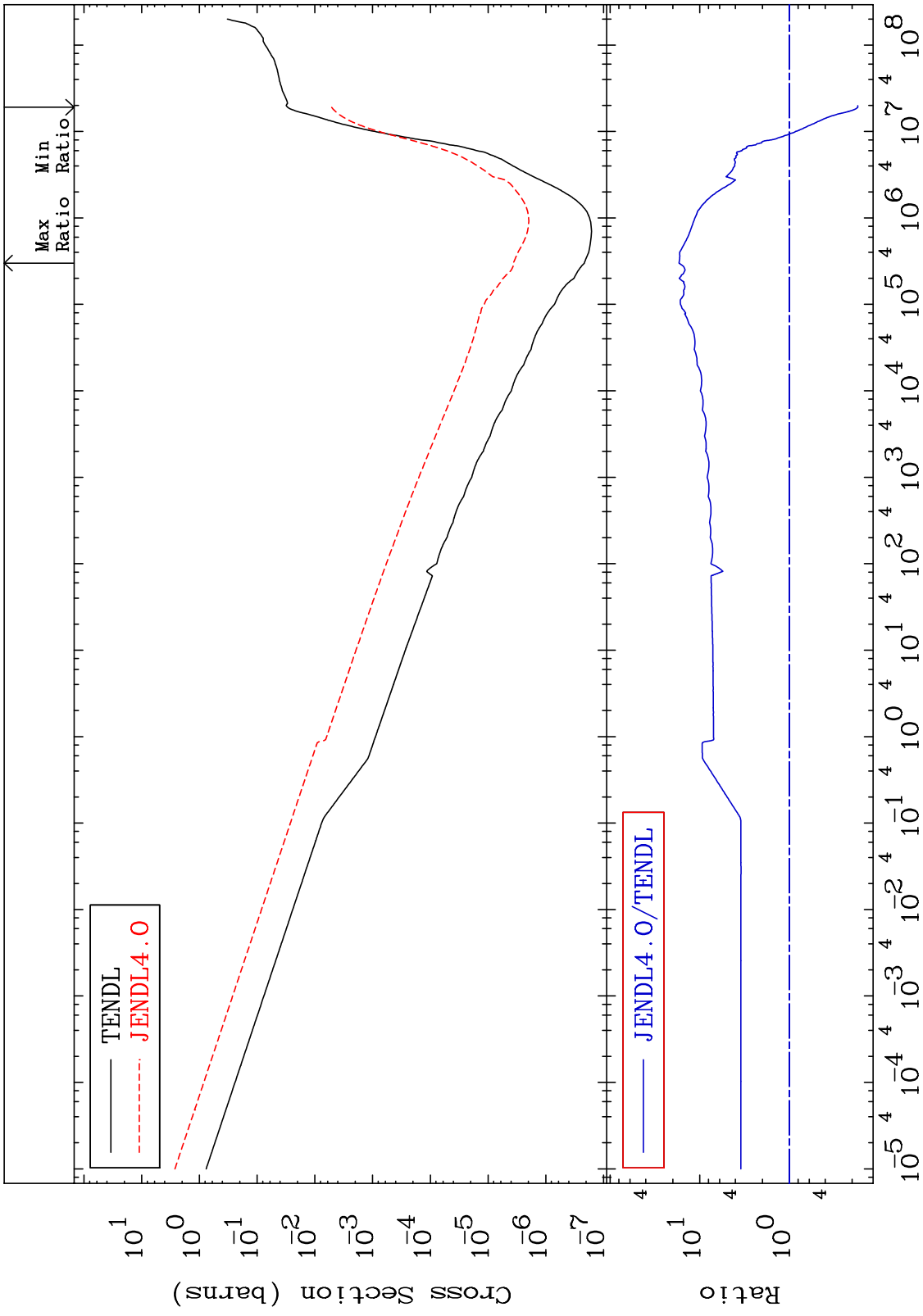


MAT 6328 Tritium Production Cross Section 63-Eu-152  
 -100.0 To 9999. %



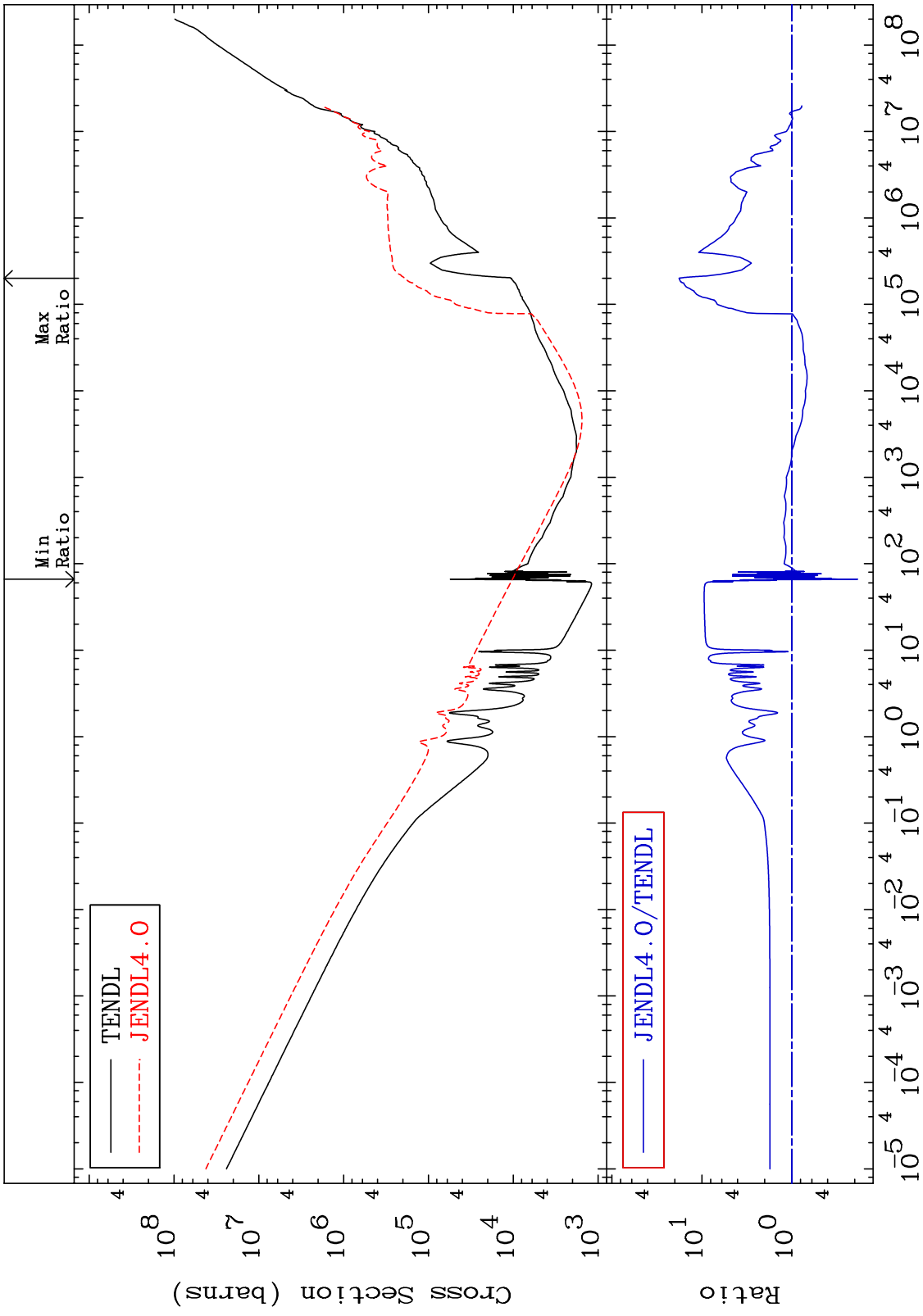


MAT 6328 He-4 Production Cross Section 63-Eu-152  
 -82.72 To 1603. %



53 63-Eu-152

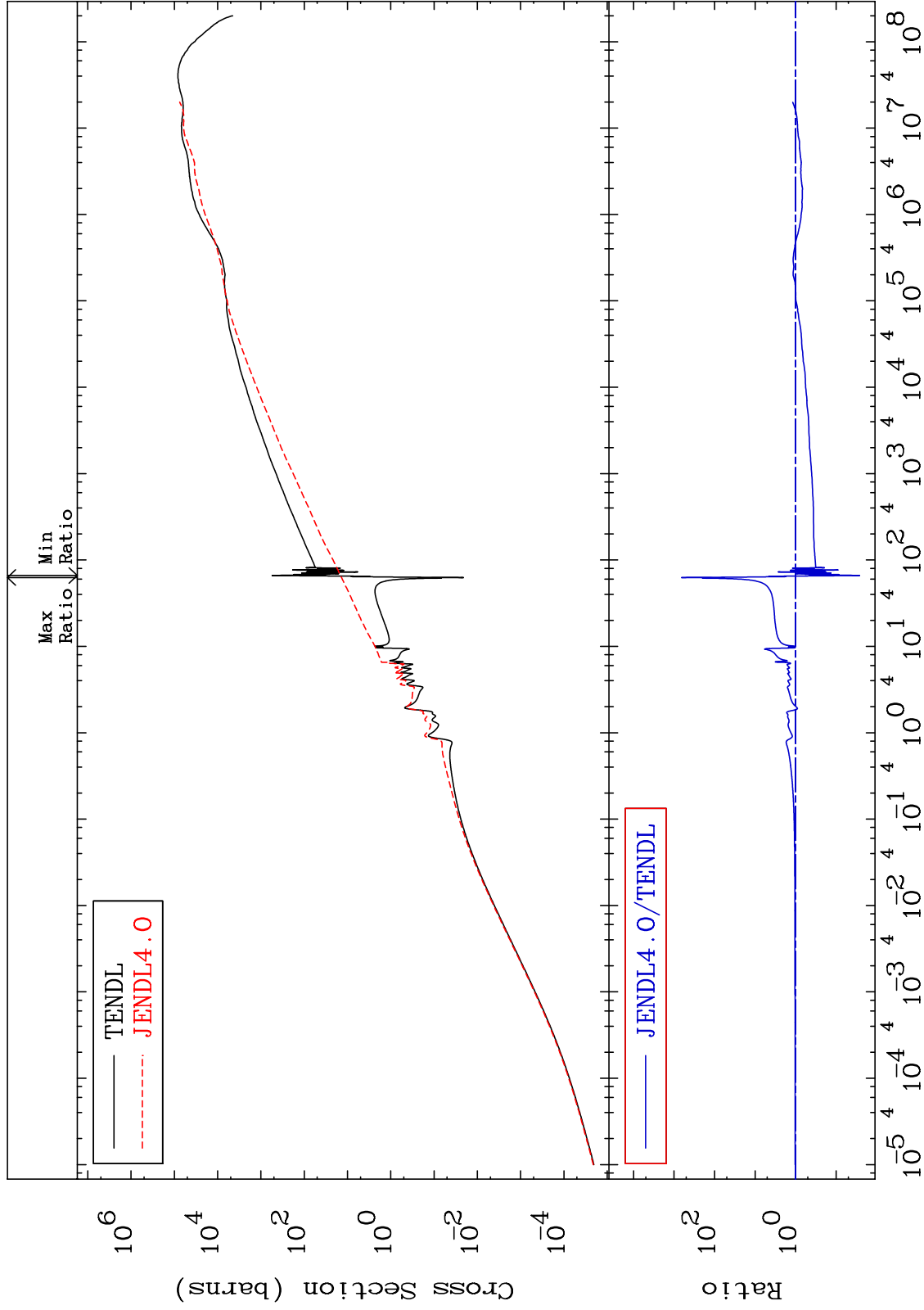
MAT 6328 Kerma total (eV-barns) 63-Eu-152  
 Cross Section -81.52 To 1692. %



MAT 6328

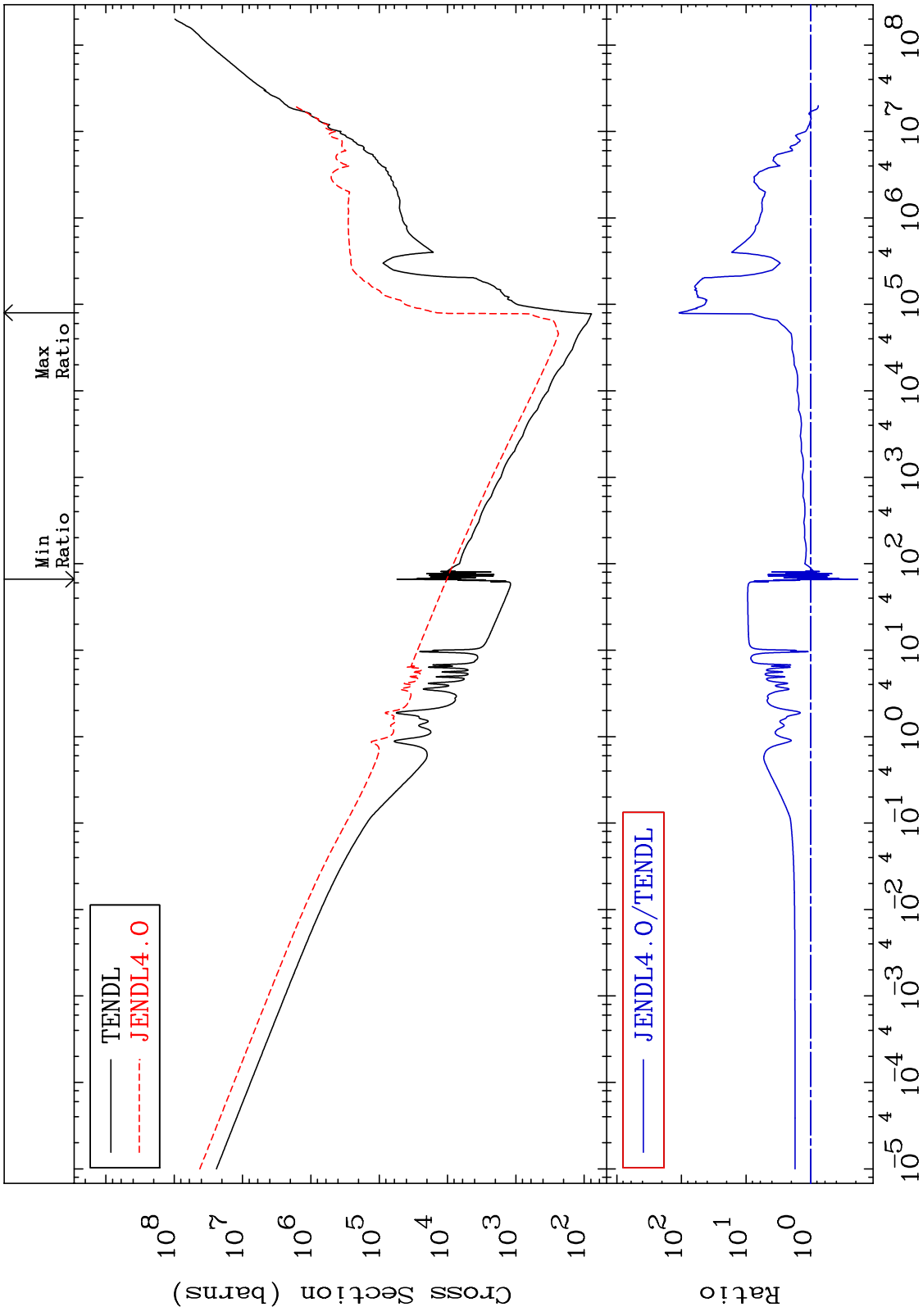
Kerma elastic  
Cross Section

63-Eu-152  
-97.39 To 9999. %

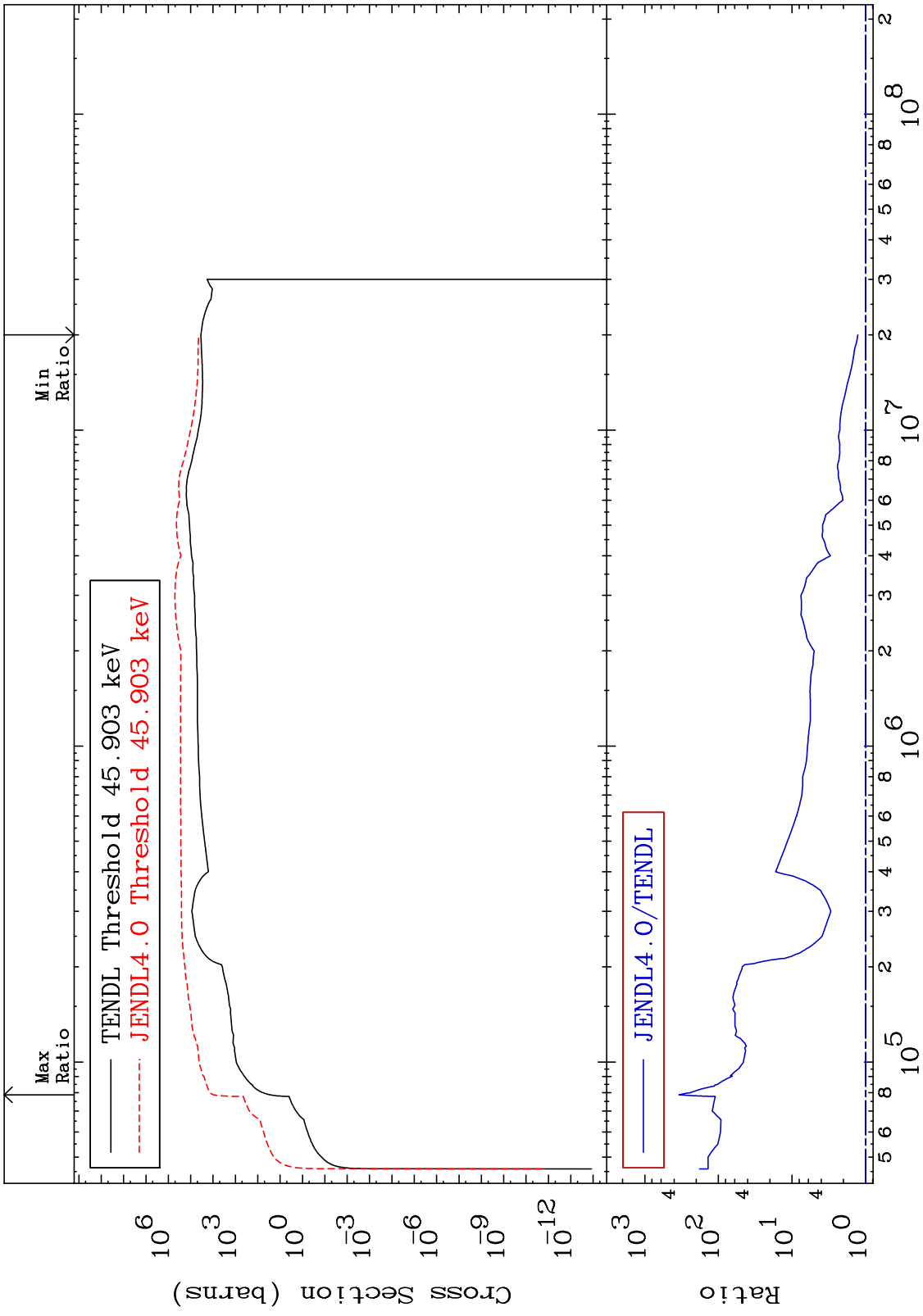




MAT 6328      Kerma non-elastic (all but mt2)      63-Eu-152  
 Cross Section      -81.36 To 9999. %



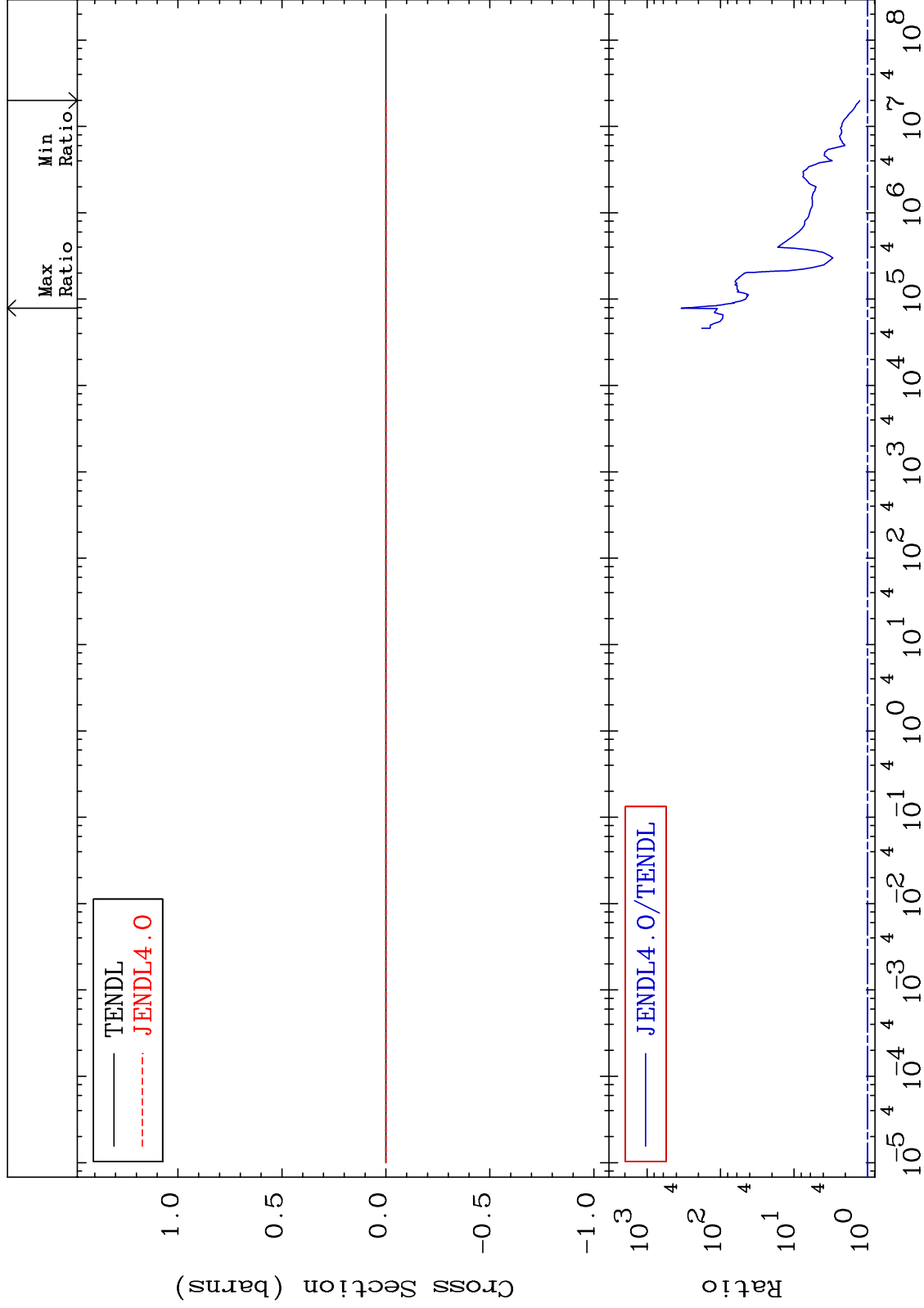
MAT 6328 Kerma inelastic (mt51-91) 63-Eu-152  
 Cross Section 27.46 To 9999. %



MAT 6328

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

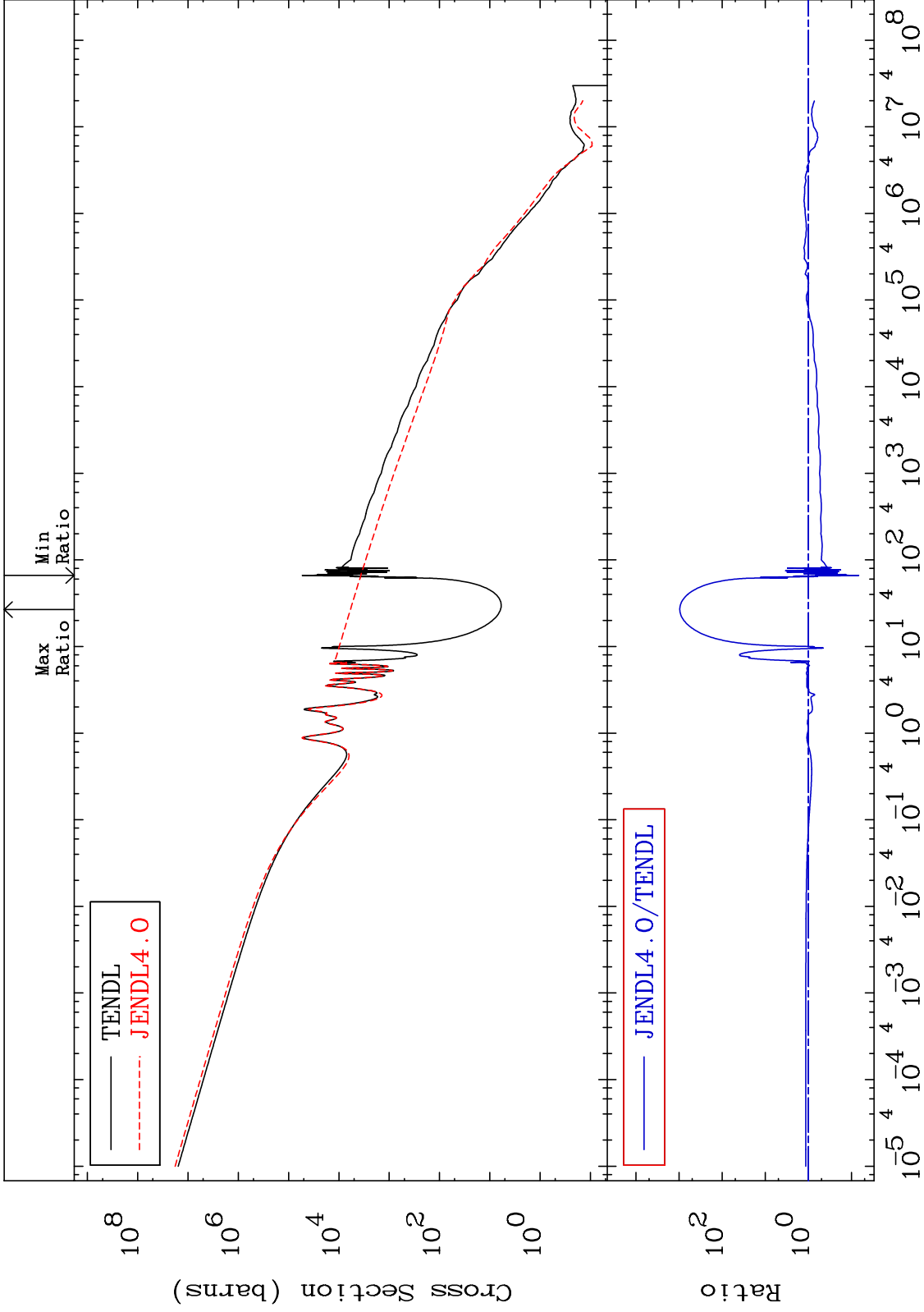
63-Eu-152  
27.46 To 9999. %



MAT 6328

Kerma capture (mt102)  
Cross Section

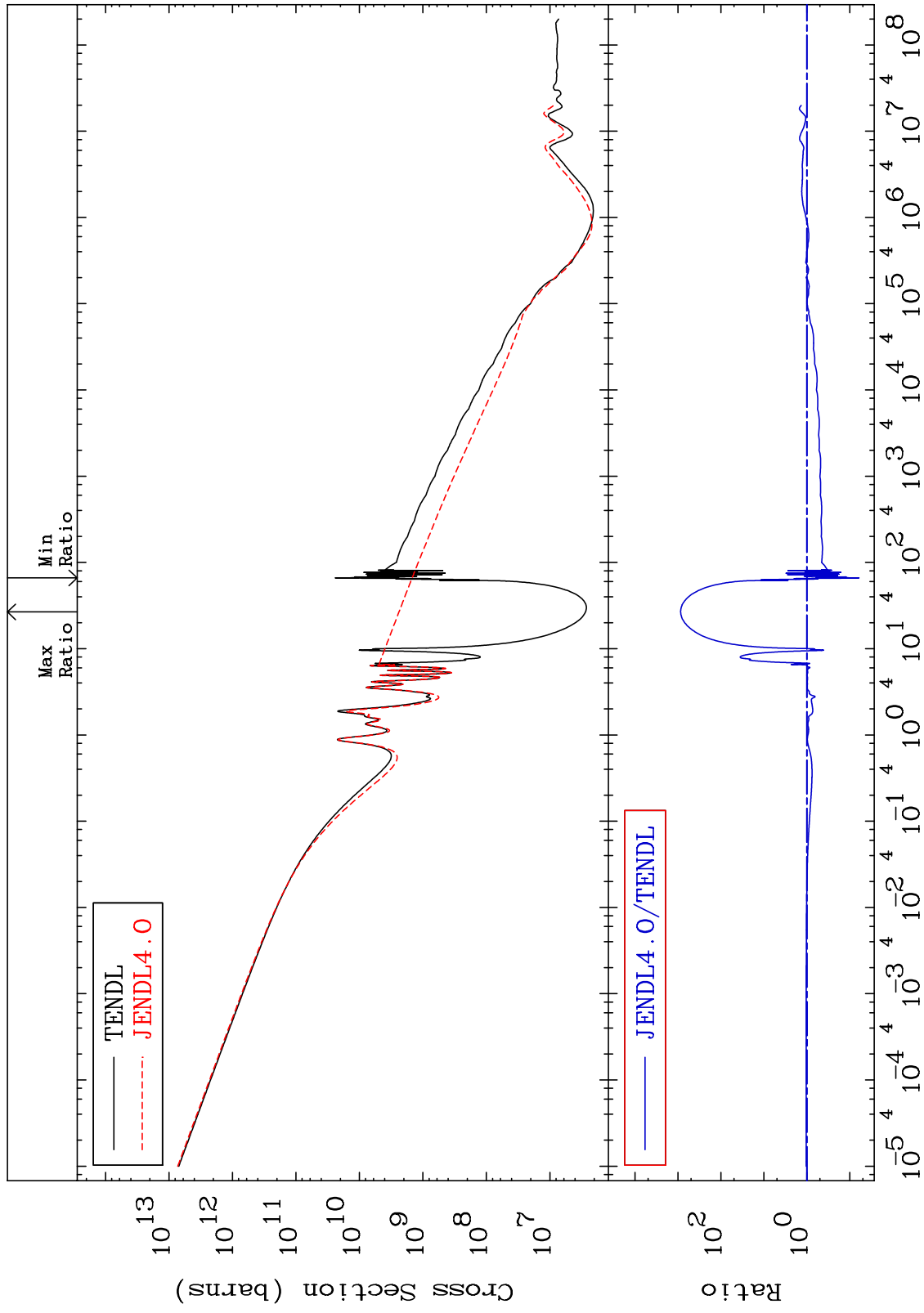
63-Eu-152  
-93.19 To 9999. %



MAT 6328

Total photon (eV-barns)  
Cross Section

63-Eu-152  
-93.87 To 9999. %

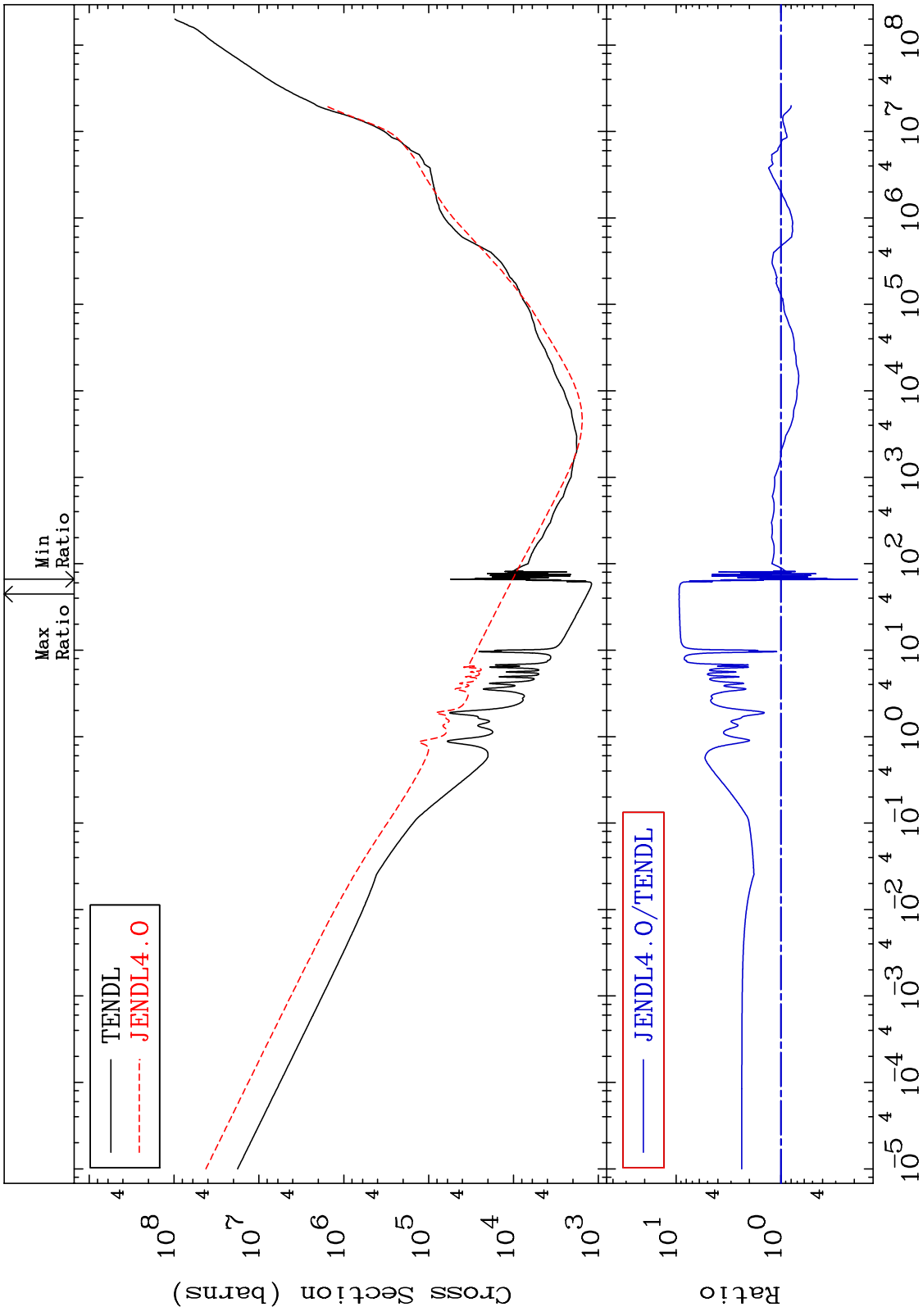


60

Incident Energy (eV)

63-Eu-152

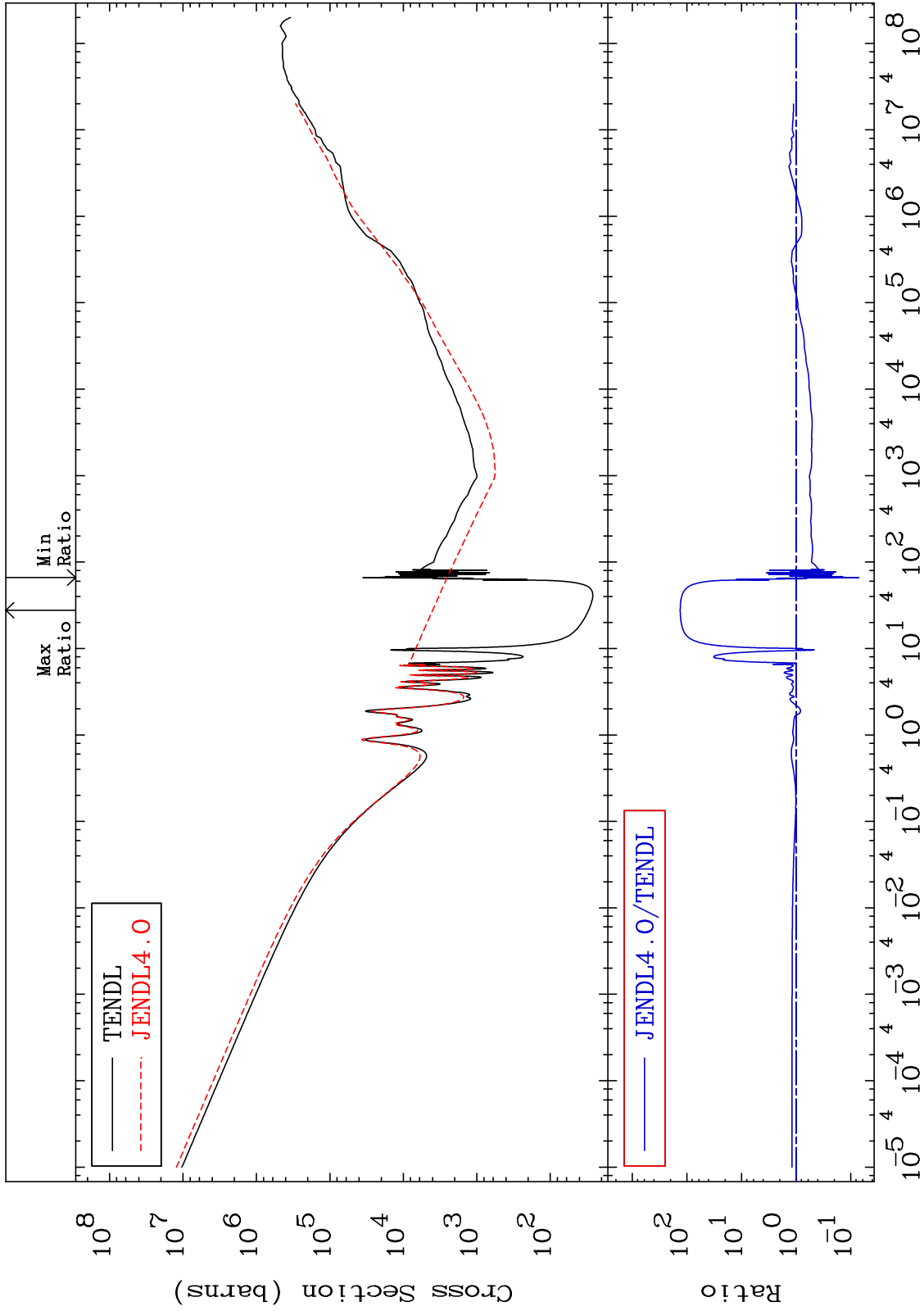
MAT 6328      Total kinematic kerma (high limit)      63-Eu-152  
 Cross Section      -81.53 To 837.7 %



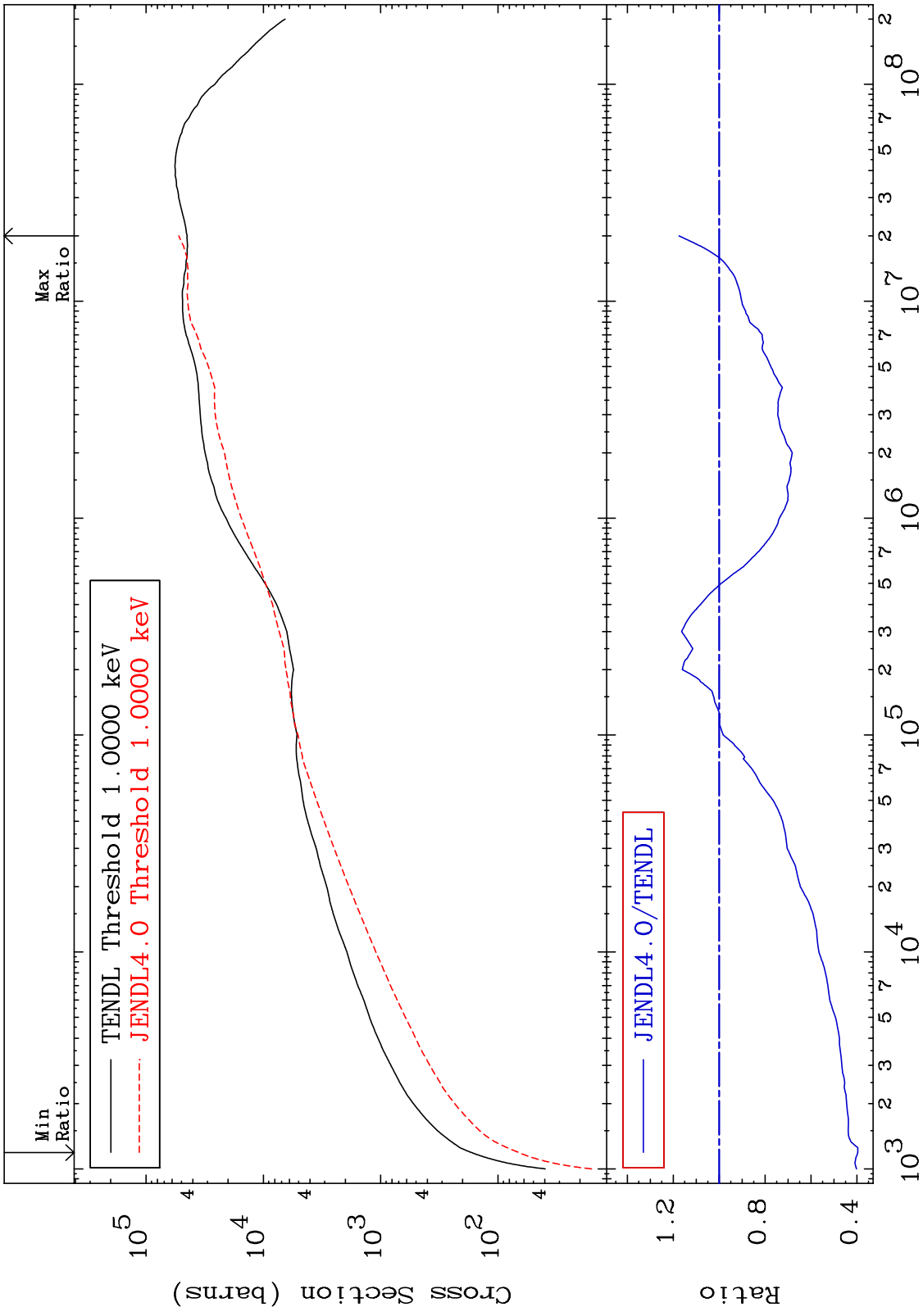
MAT 6328

Dpa total (eV-barns)  
Cross Section

63-Eu-152  
-92.90 To 9999. %

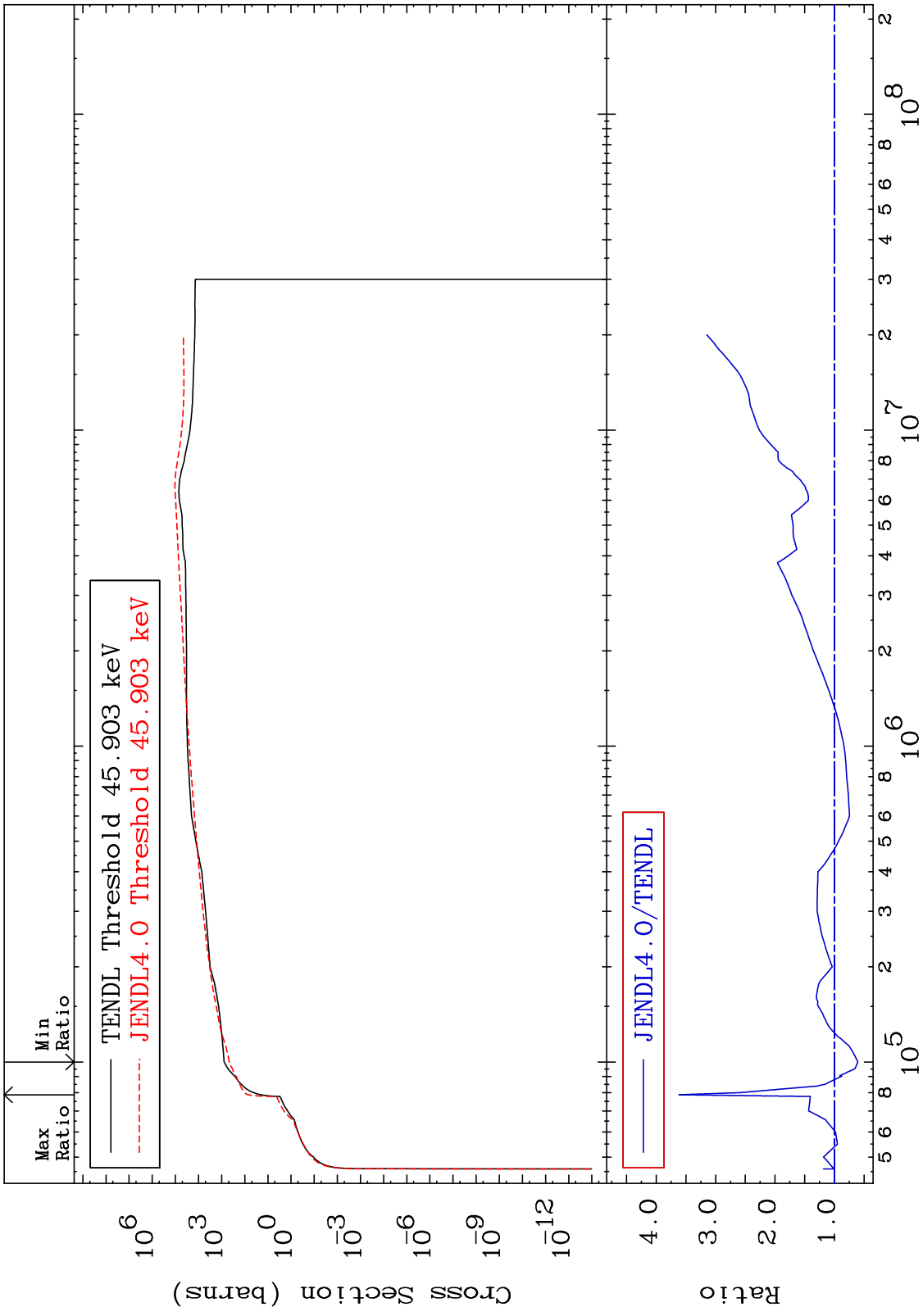


MAT 6328 Dpa elastic (mt2) Cross Section 63-Eu-152 -60.37 To 17.49 %



63 63-Eu-152





MAT 6328 Dpa disappearance (mt102 -120) 63-Eu-152  
 Cross Section -92.90 To 9999. %

