

Program Complot  
(Version 2018-1)

by

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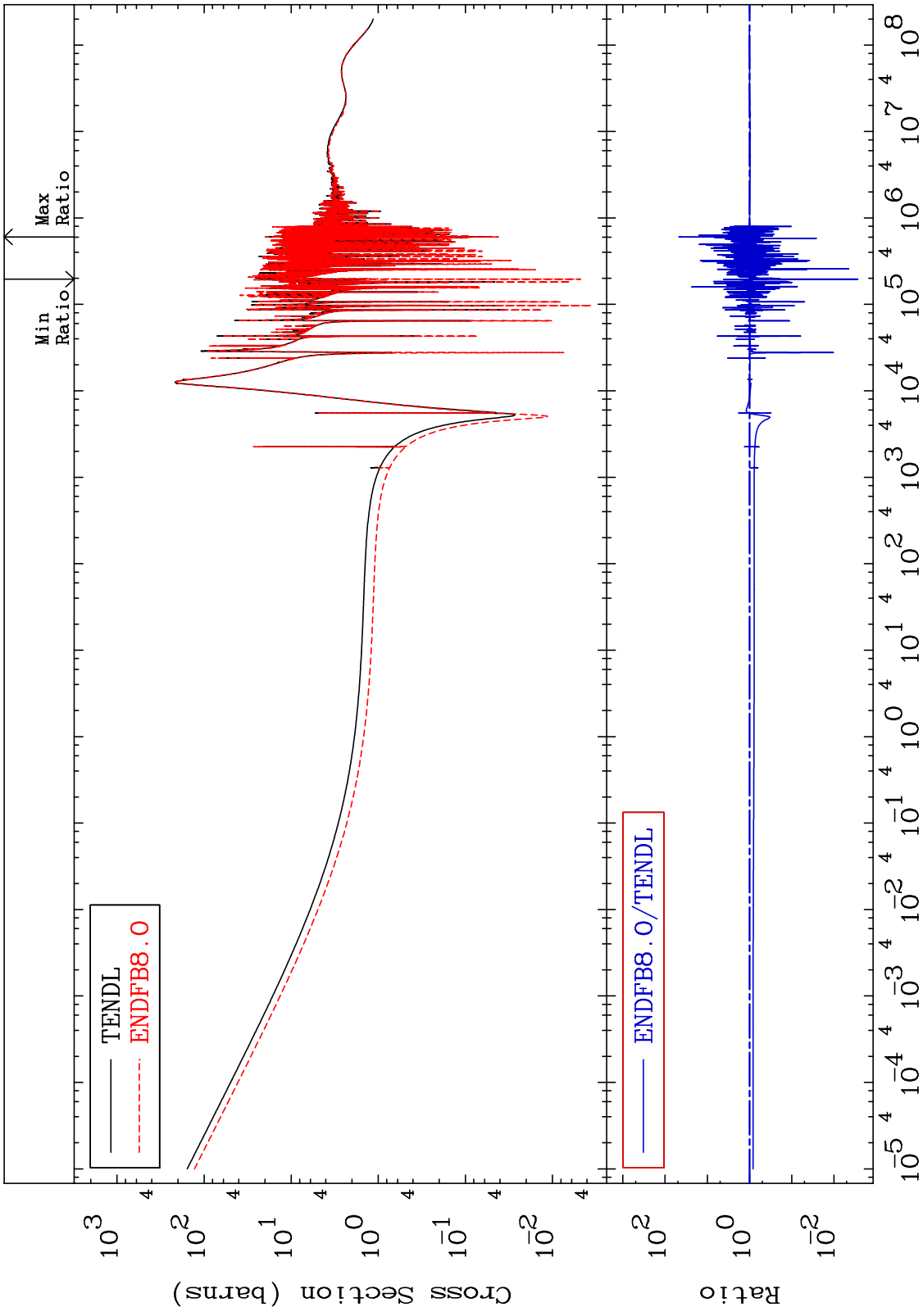
U.S.A.

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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 2831 Total Cross Section 28-Ni-60 -99.73 To 4571. %

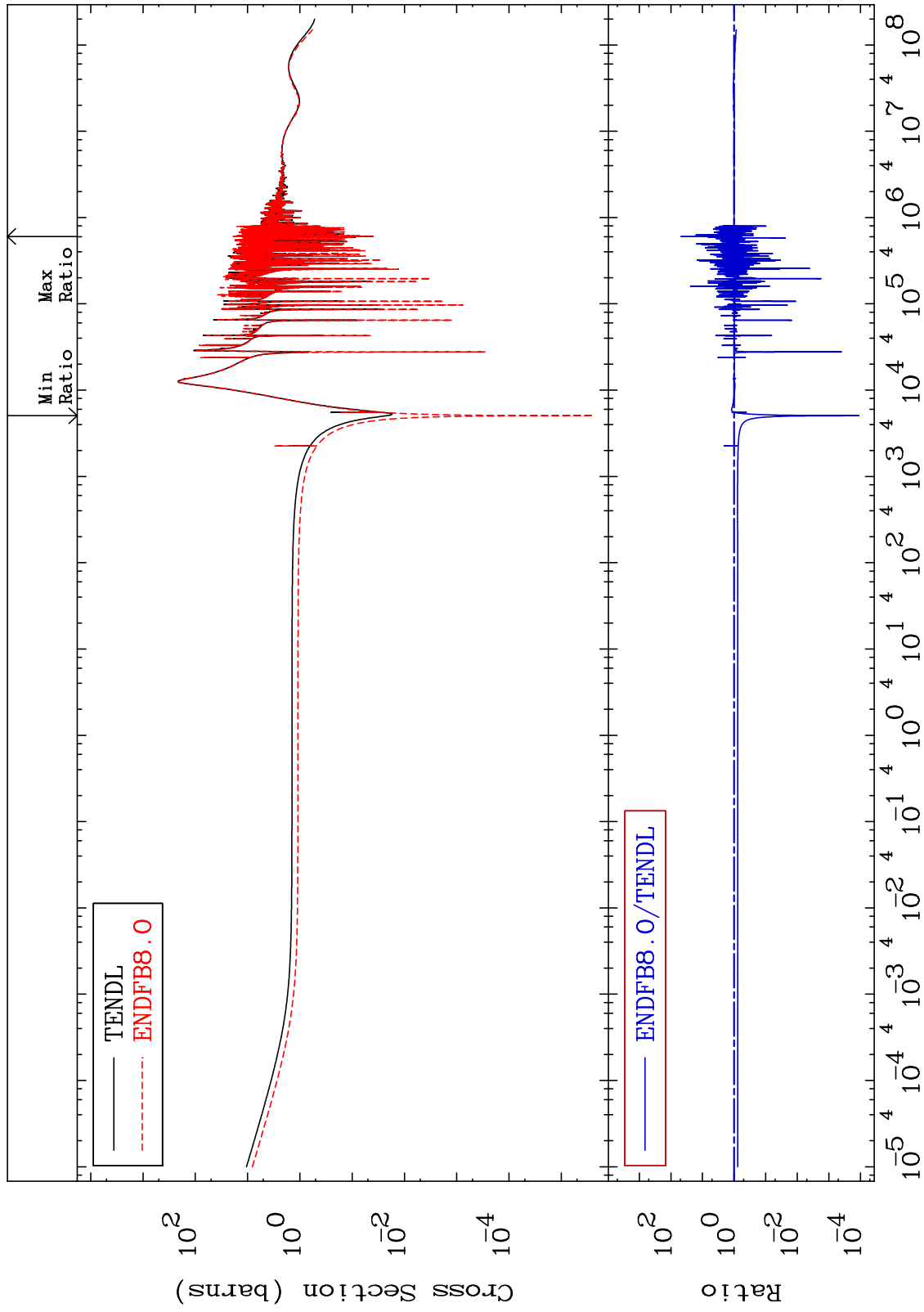


1 Incident Energy (eV) 28-Ni-60

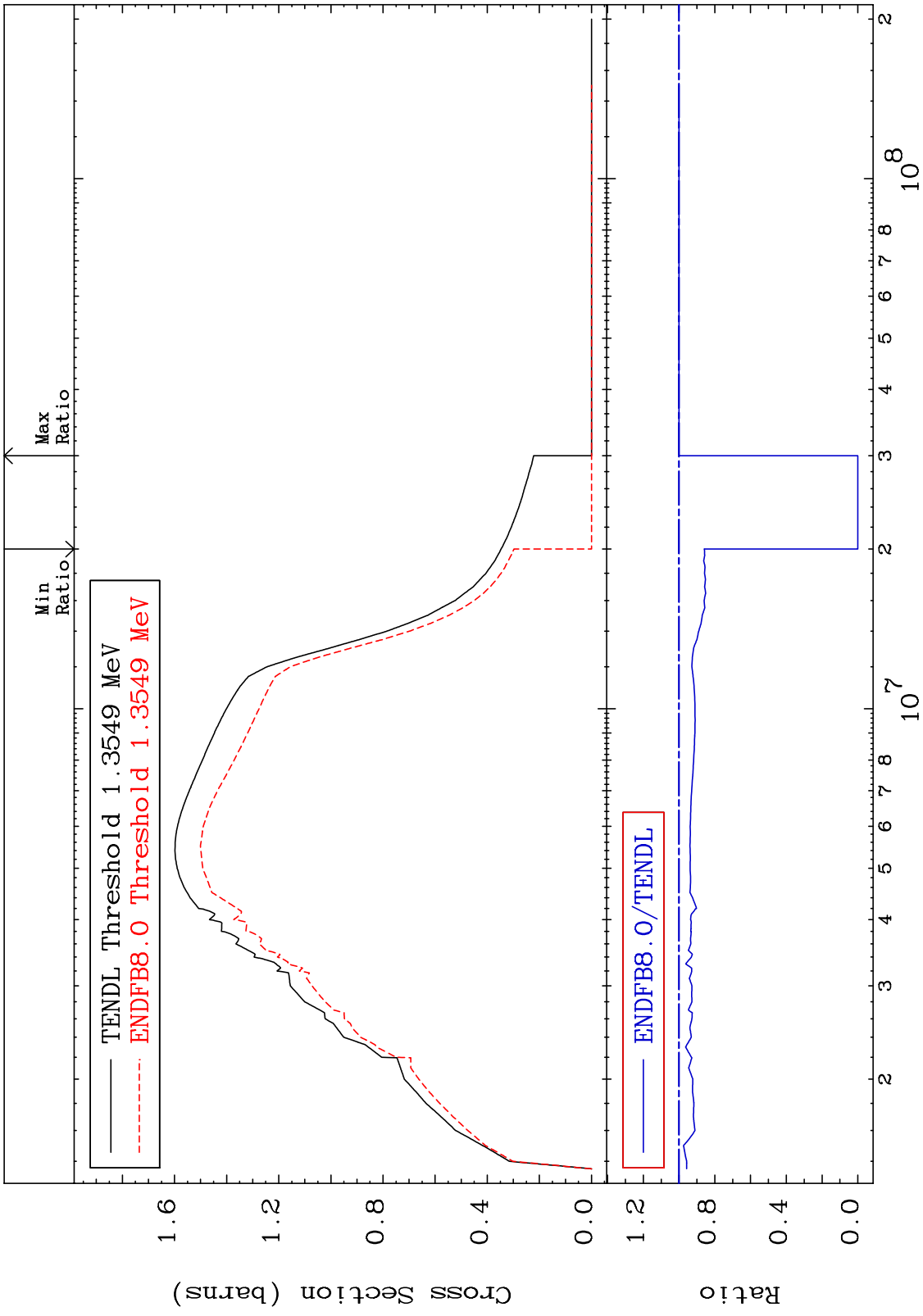
MAT 2831

Elastic  
Cross Section

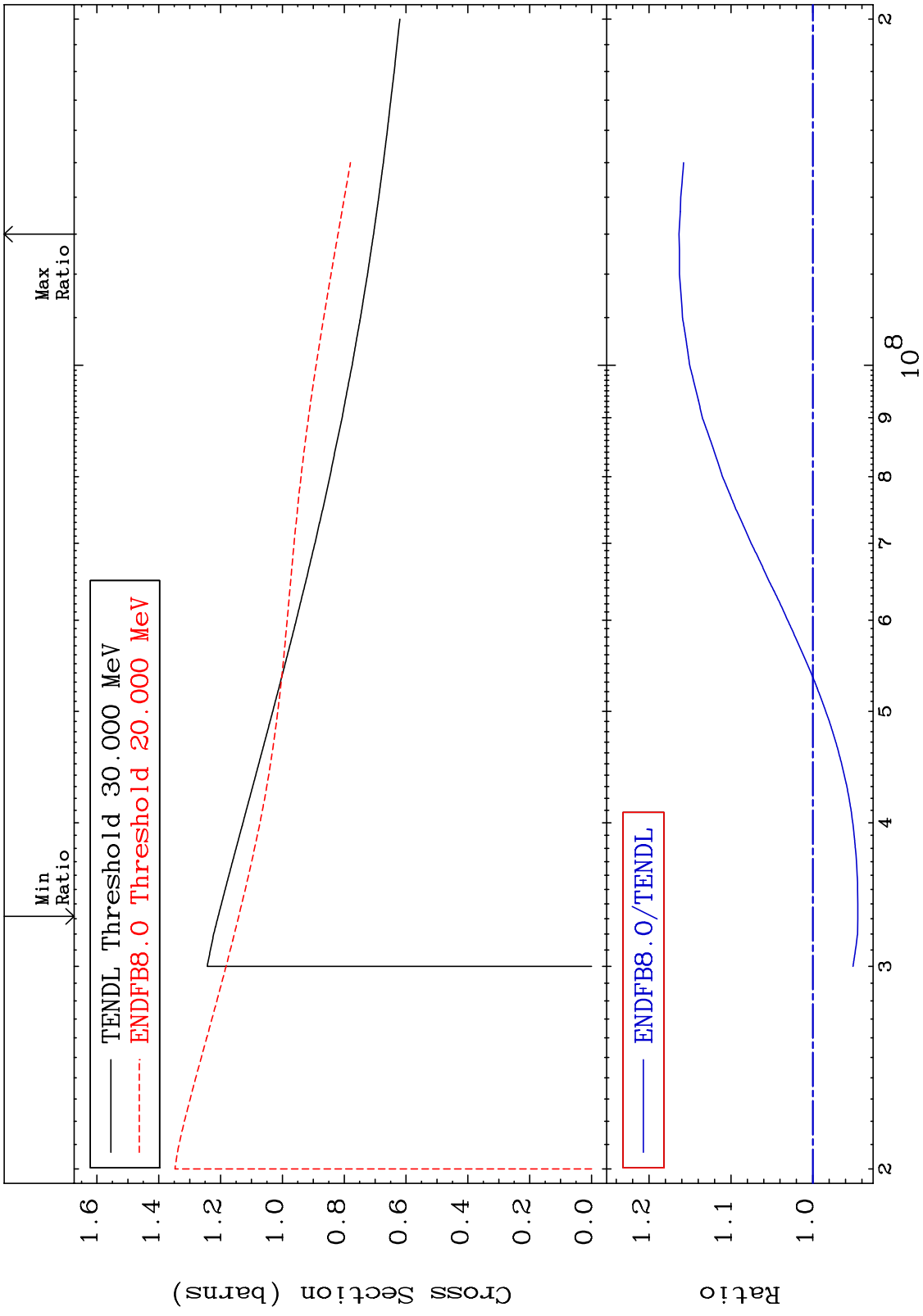
28-Ni-60  
-99.99 To 4814. %



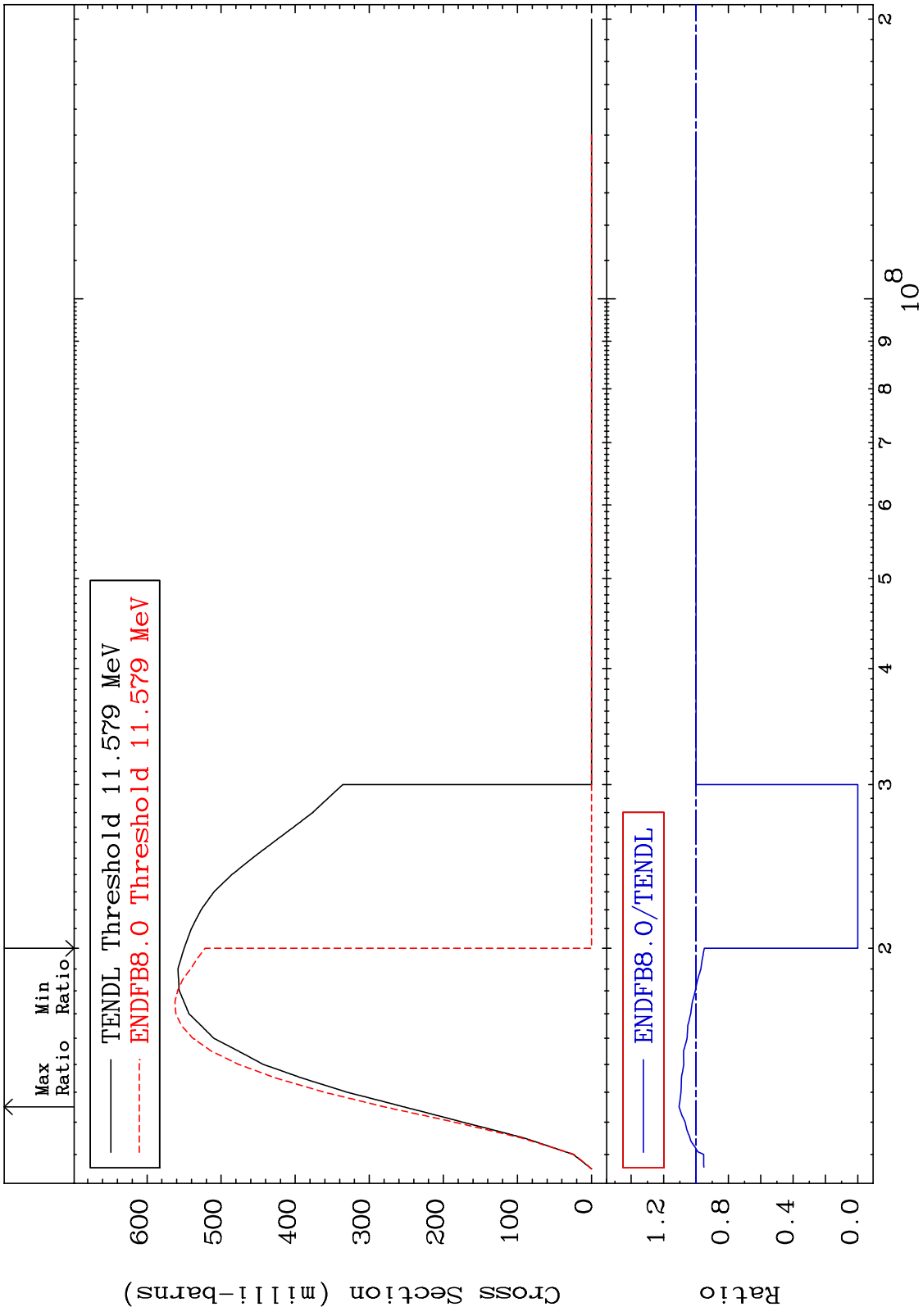
Inelastic Cross Section



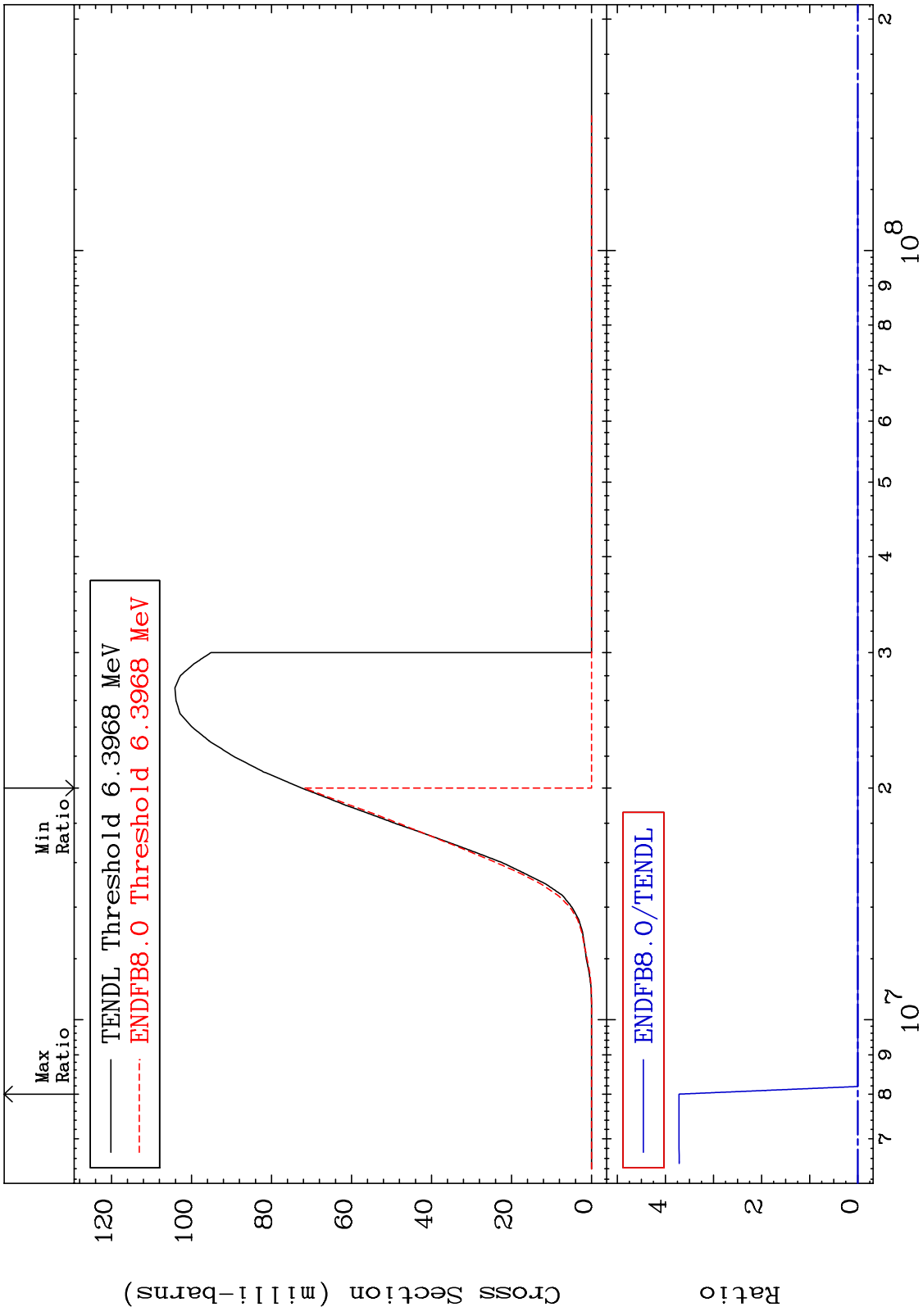
MAT 2831 (n, remainder) Cross Section 28-Ni-60 -5.499 To 16.34 %



MAT 2831 (n,2n) 28-Ni-60  
 Cross Section -100.0 To 10.45 %

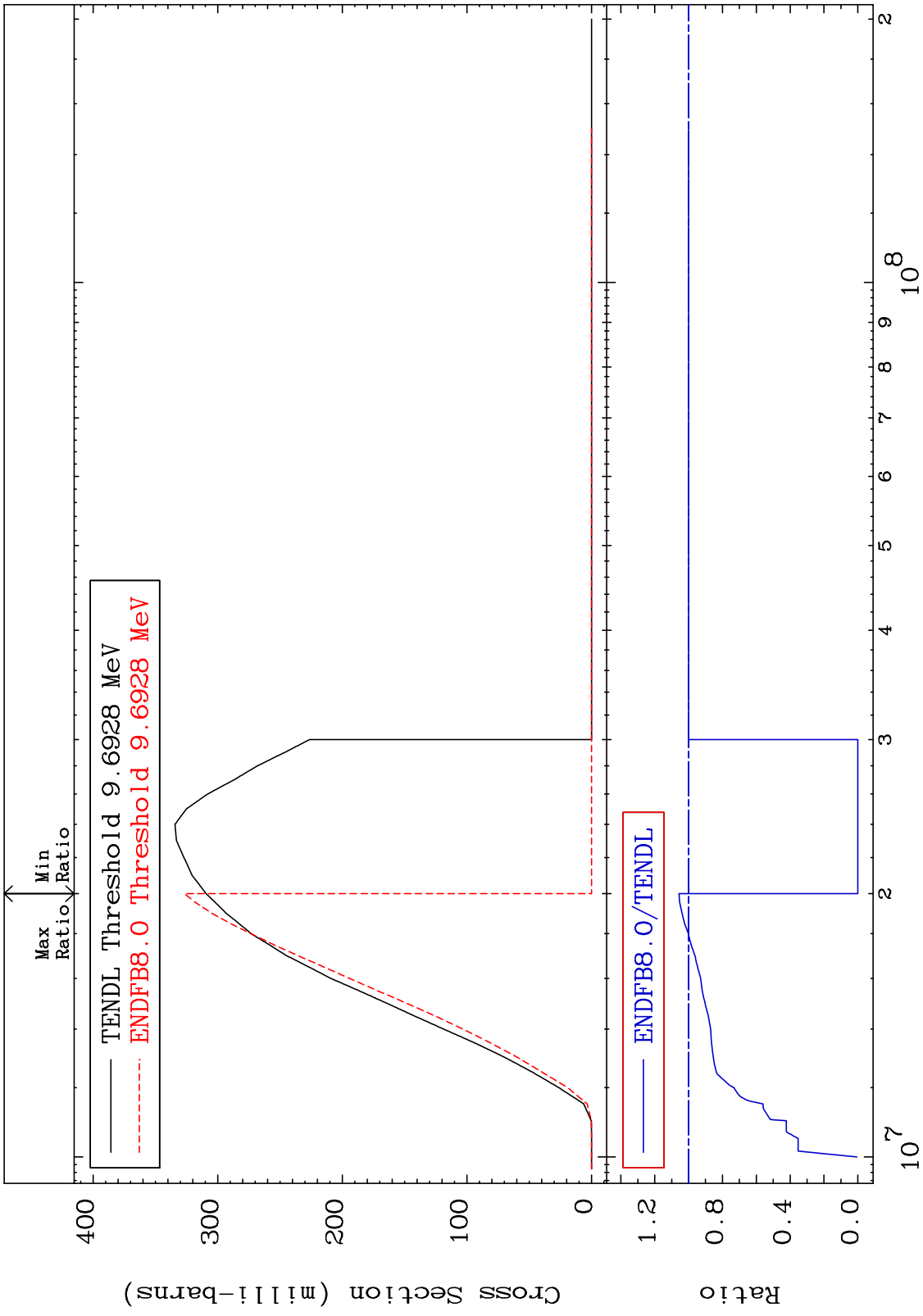


MAT 2831 (n,n')  $\alpha$  28-Ni-60  
 Cross Section -100.0 To 9999. %



6 Incident Energy (eV) 28-Ni-60

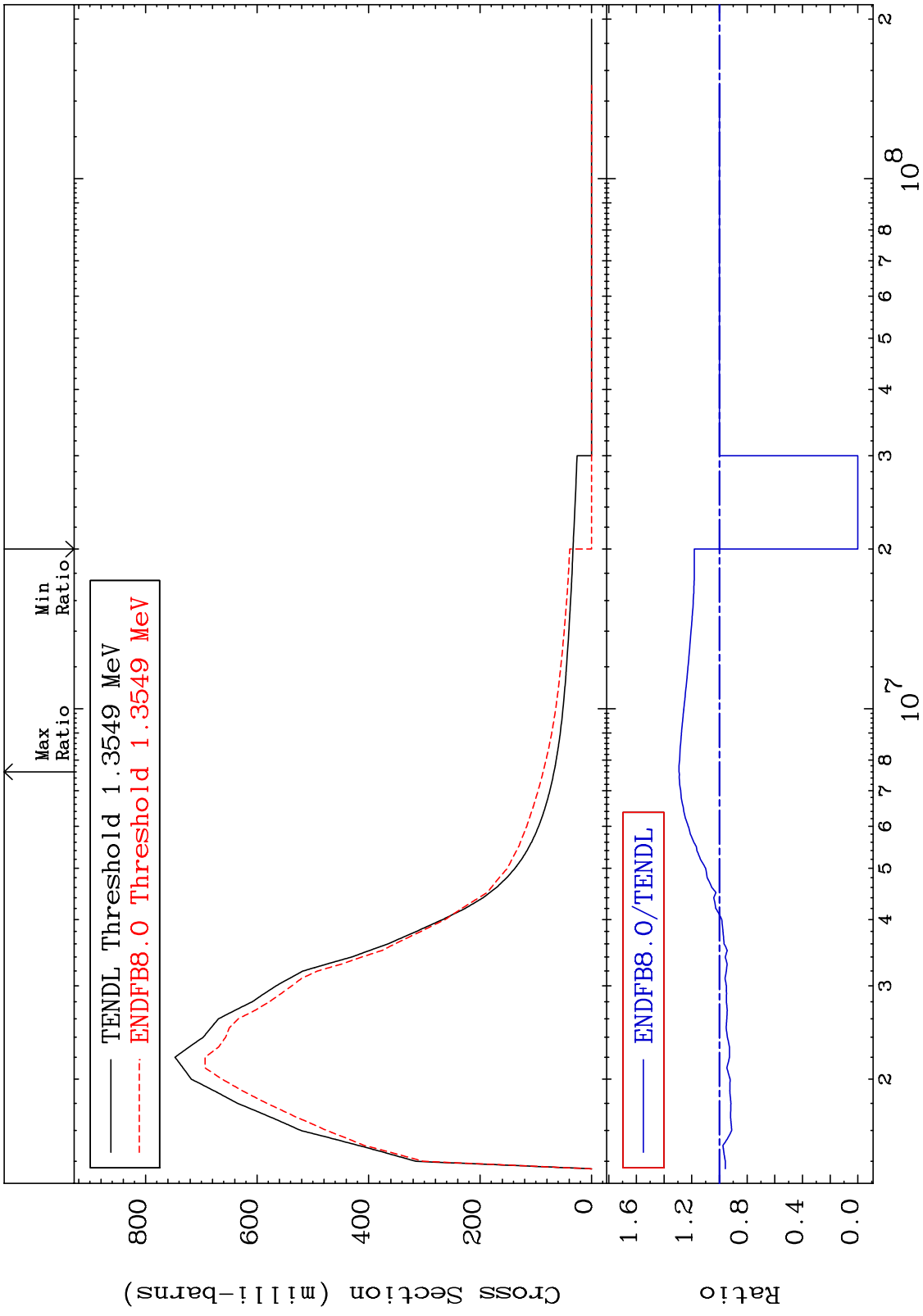
MAT 2831  $(n, n')$  p  $^{28}\text{Ni-60}$   
 Cross Section -100.0 To 5.643 %



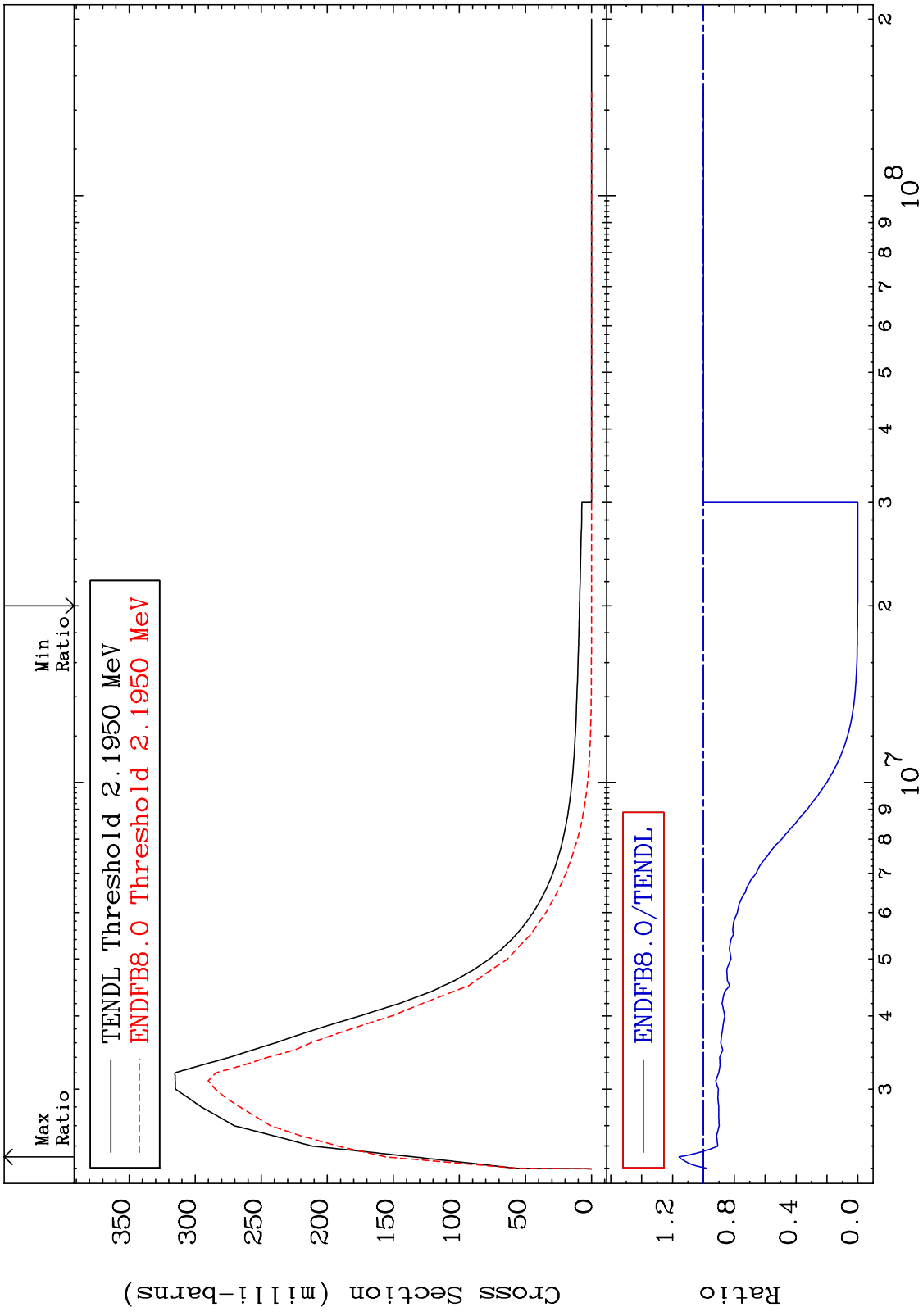
Incident Energy (eV)  $^{28}\text{Ni-60}$



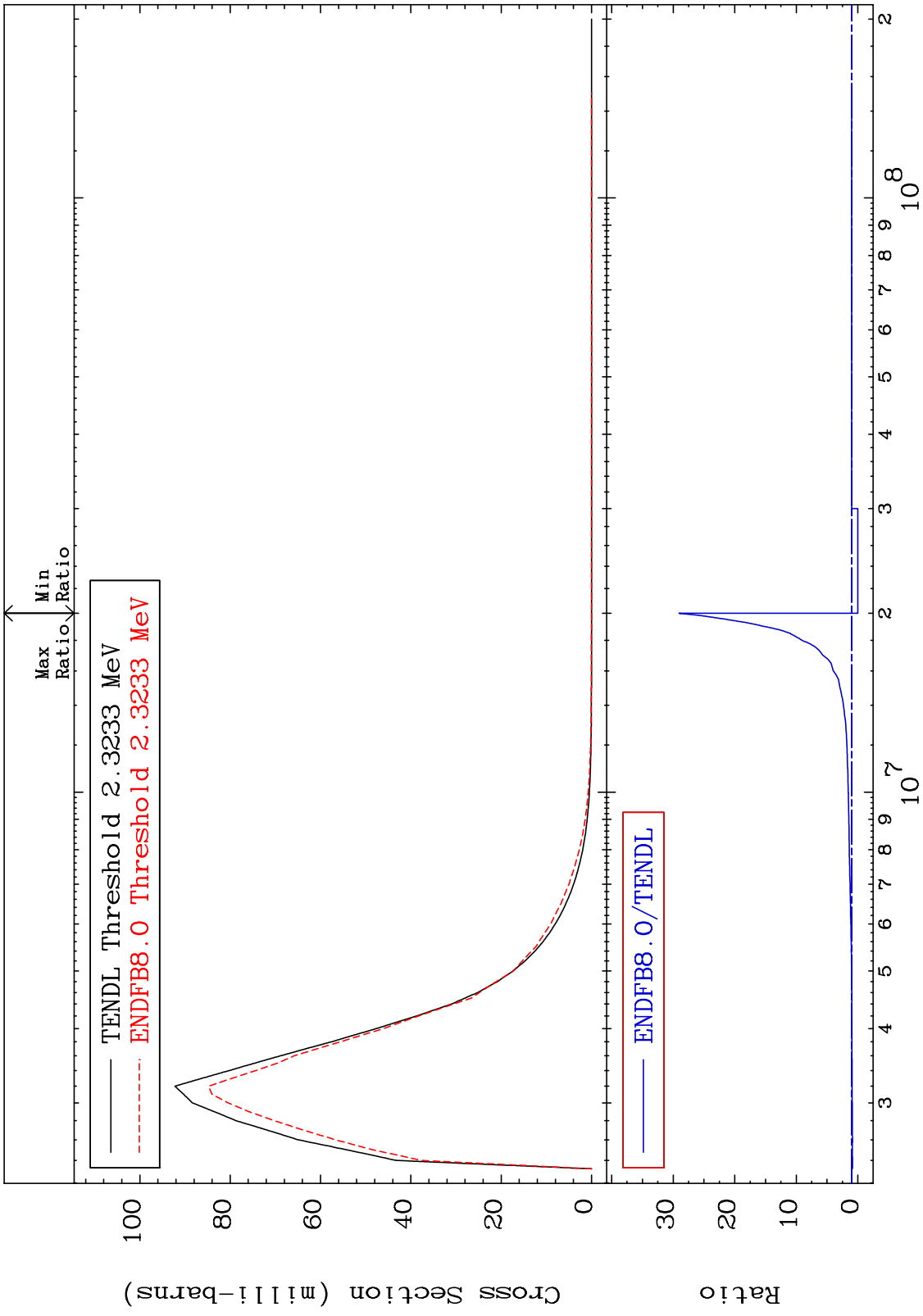
MAT 2831 MT= 51 (n,n') Level Cross Section -100.0 To 29.18 % 28-Ni-60



MAT 2831 MT= 52 (n,n') Level Cross Section -100.0 To 15.81 % 28-Ni-60

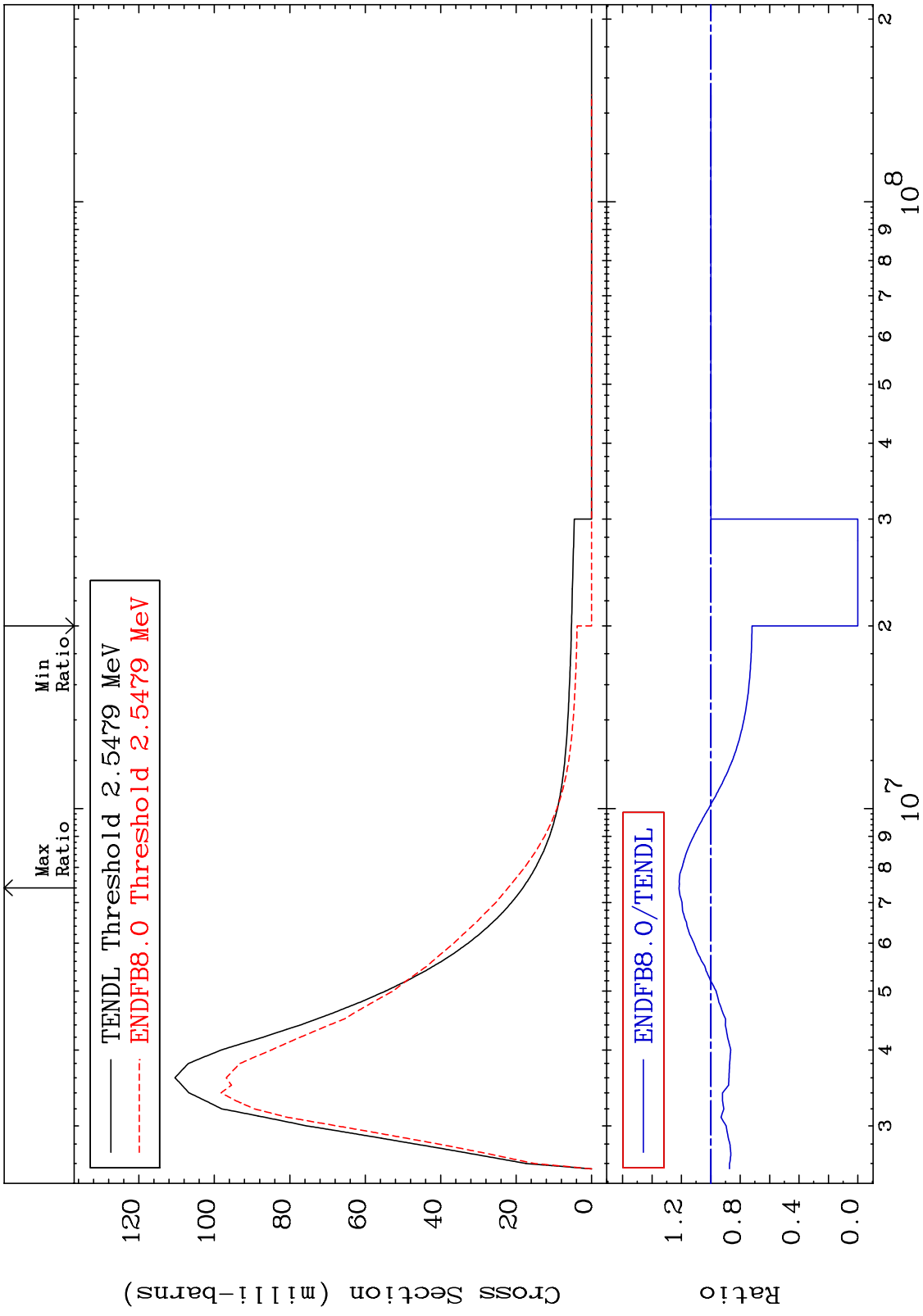


MAT 2831 MT= 53 (n,n') Level Cross Section -100.0 To 2805. % 28-Ni-60

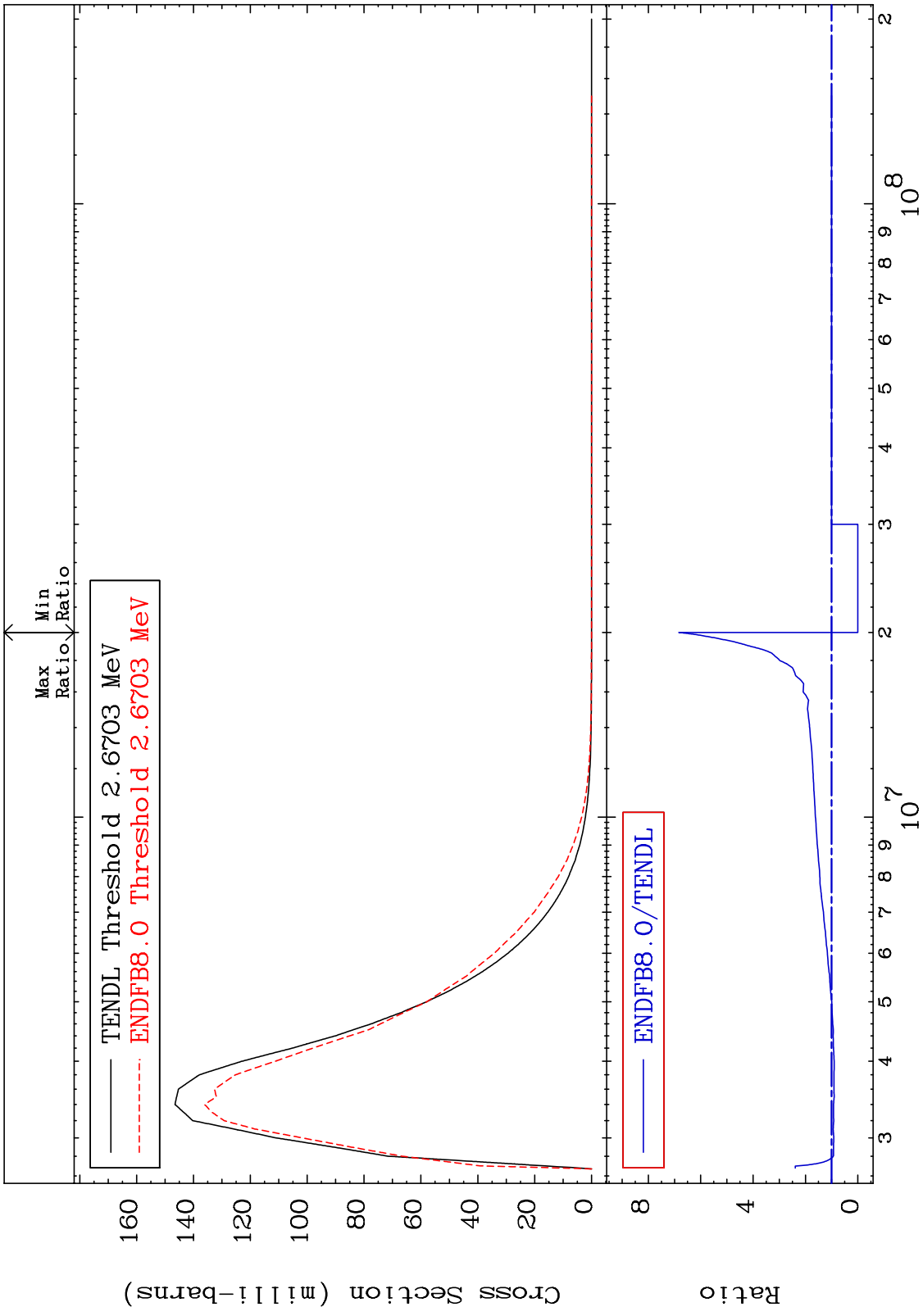


10 28-Ni-60

MAT 2831 MT= 54 (n,n') Level Cross Section -100.0 To 21.61 % 28-Ni-60

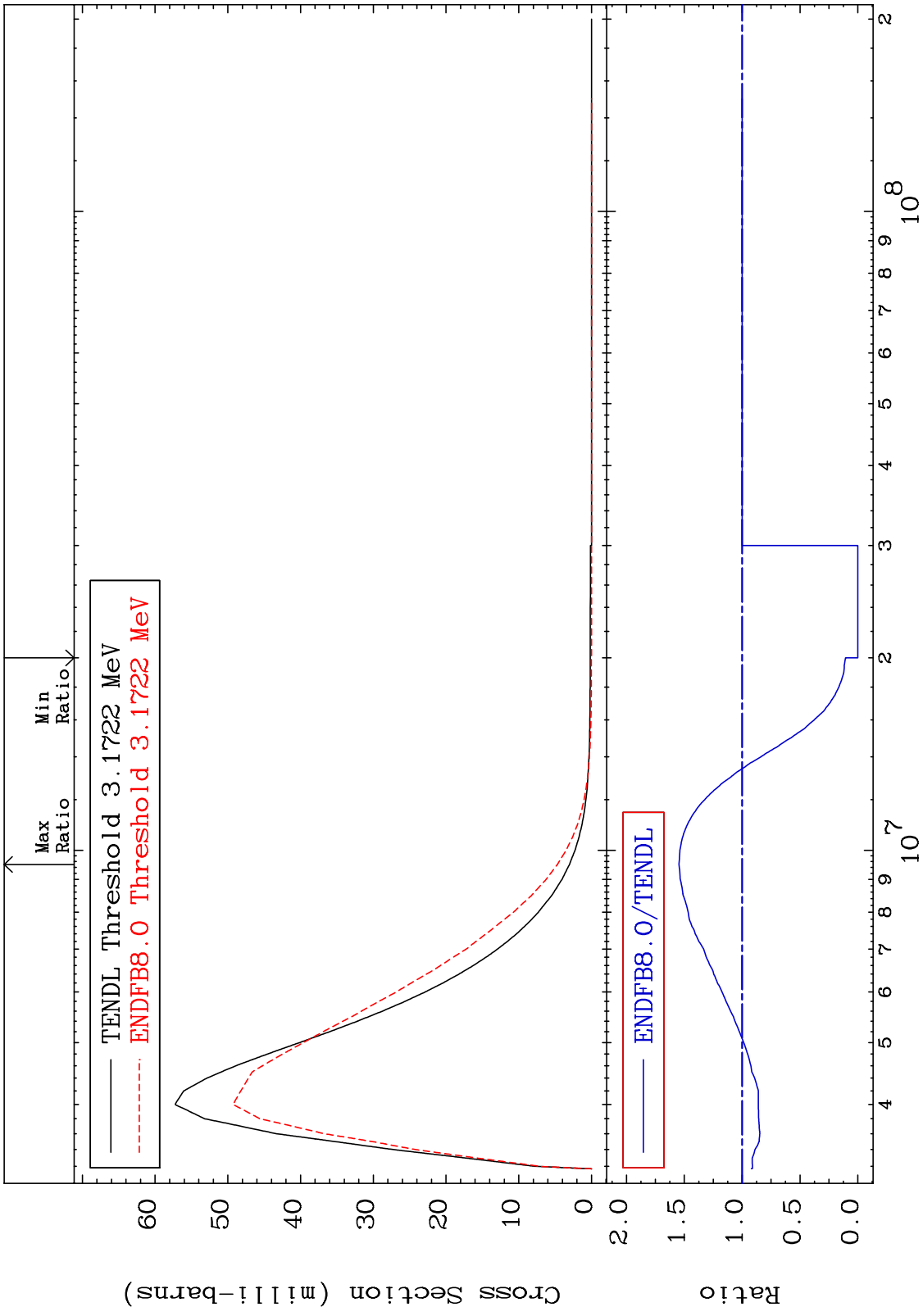


MAT 2831 MT= 55 (n,n') Level Cross Section -100.0 To 582.7 % 28-Ni-60

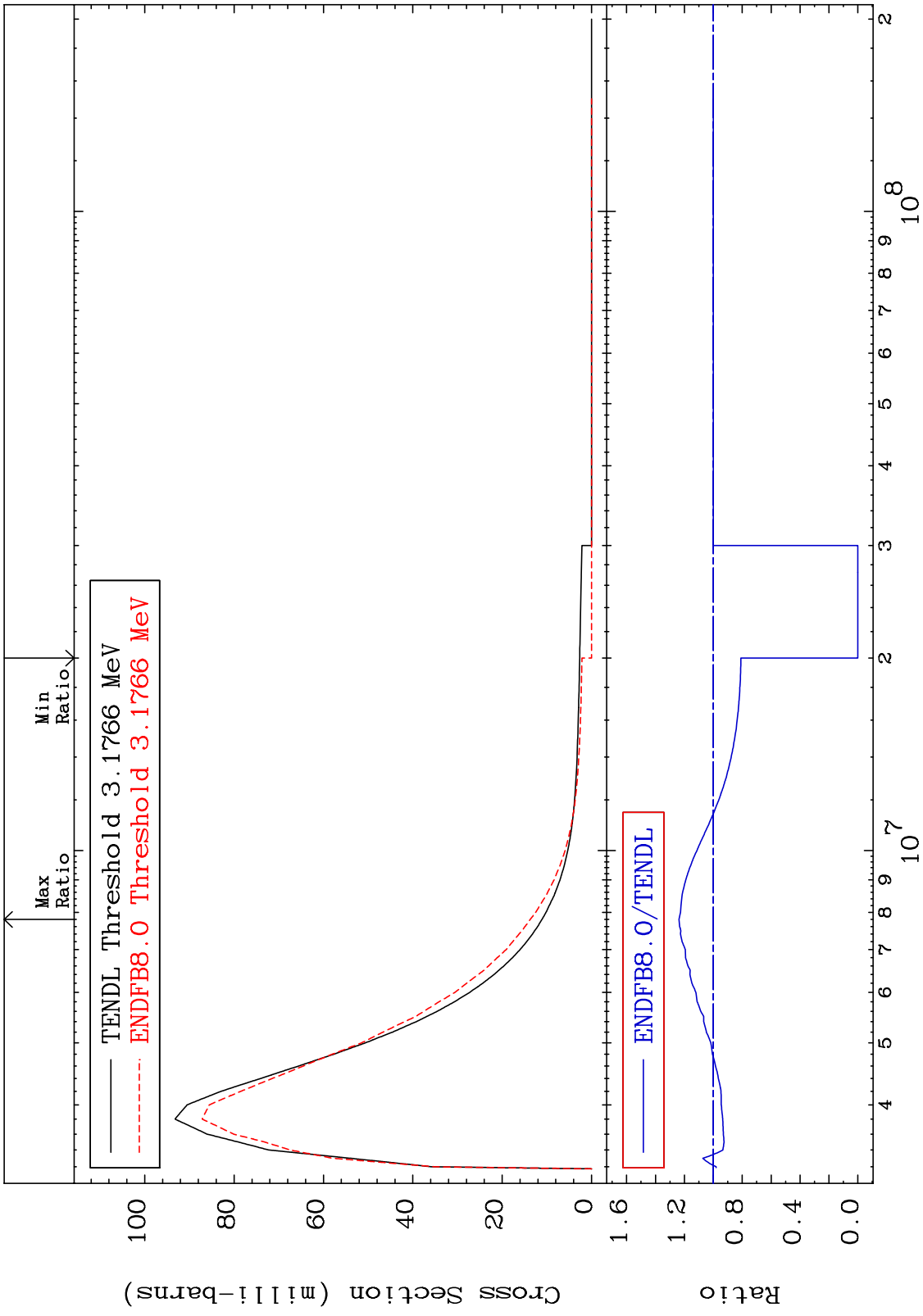


12 28-Ni-60

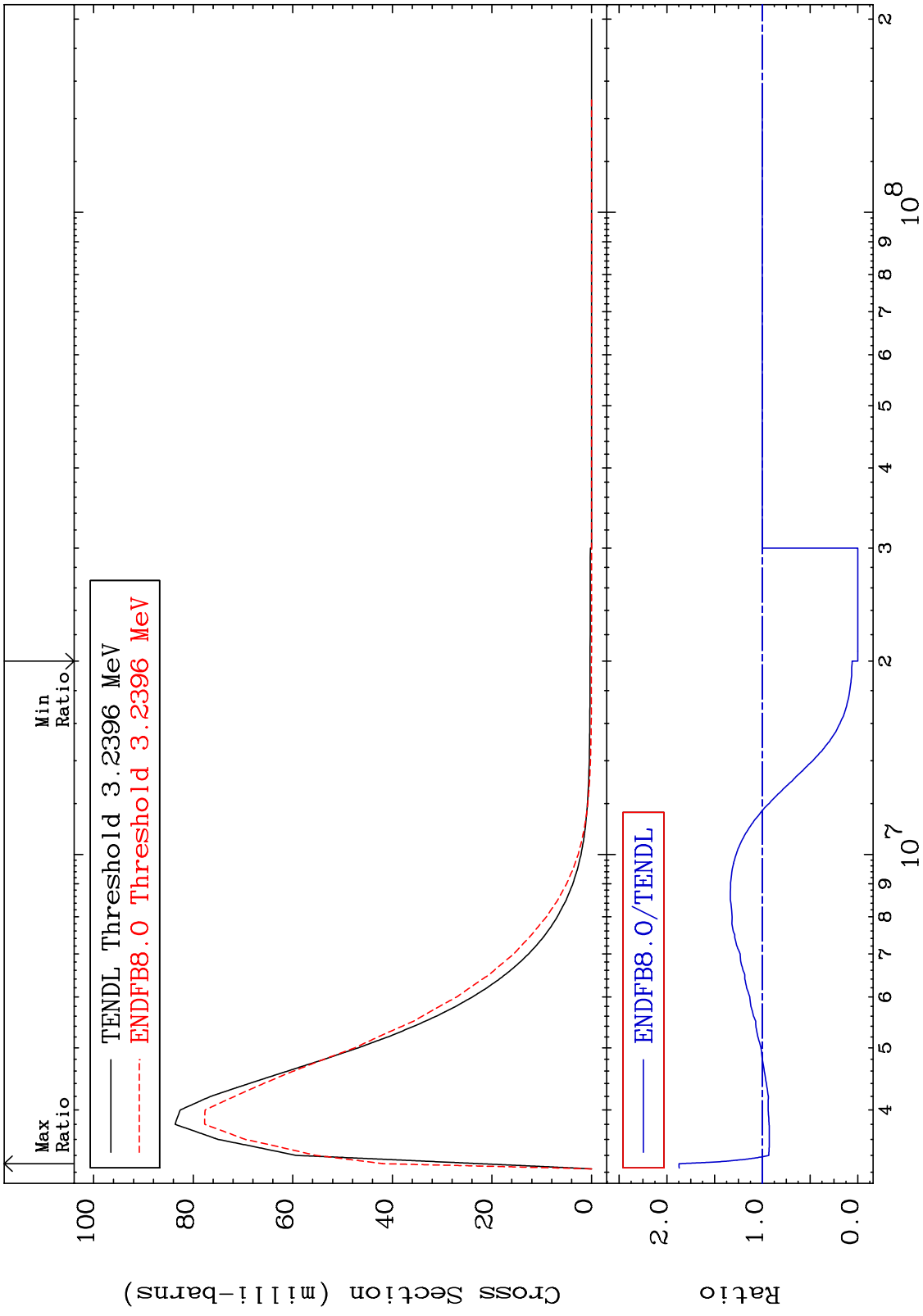
MAT 2831 MT= 56 (n,n') Level Cross Section -100.0 To 54.56 % 28-Ni-60



MAT 2831 MT= 57 (n,n') Level Cross Section -100.0 To 23.71 % 28-Ni-60

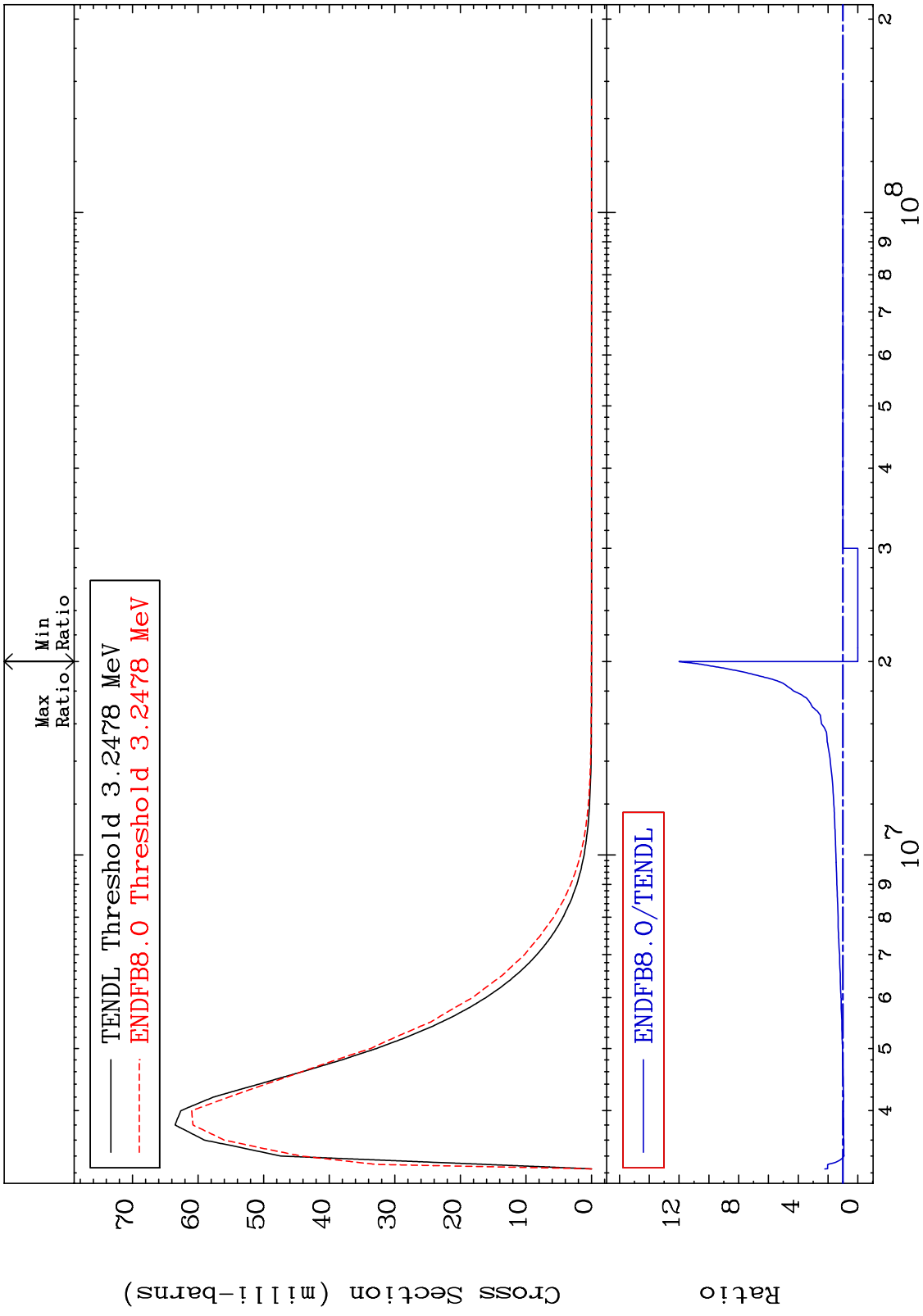


MAT 2831 MT= 58 (n,n') Level Cross Section -100.0 To 87.24 % 28-Ni-60

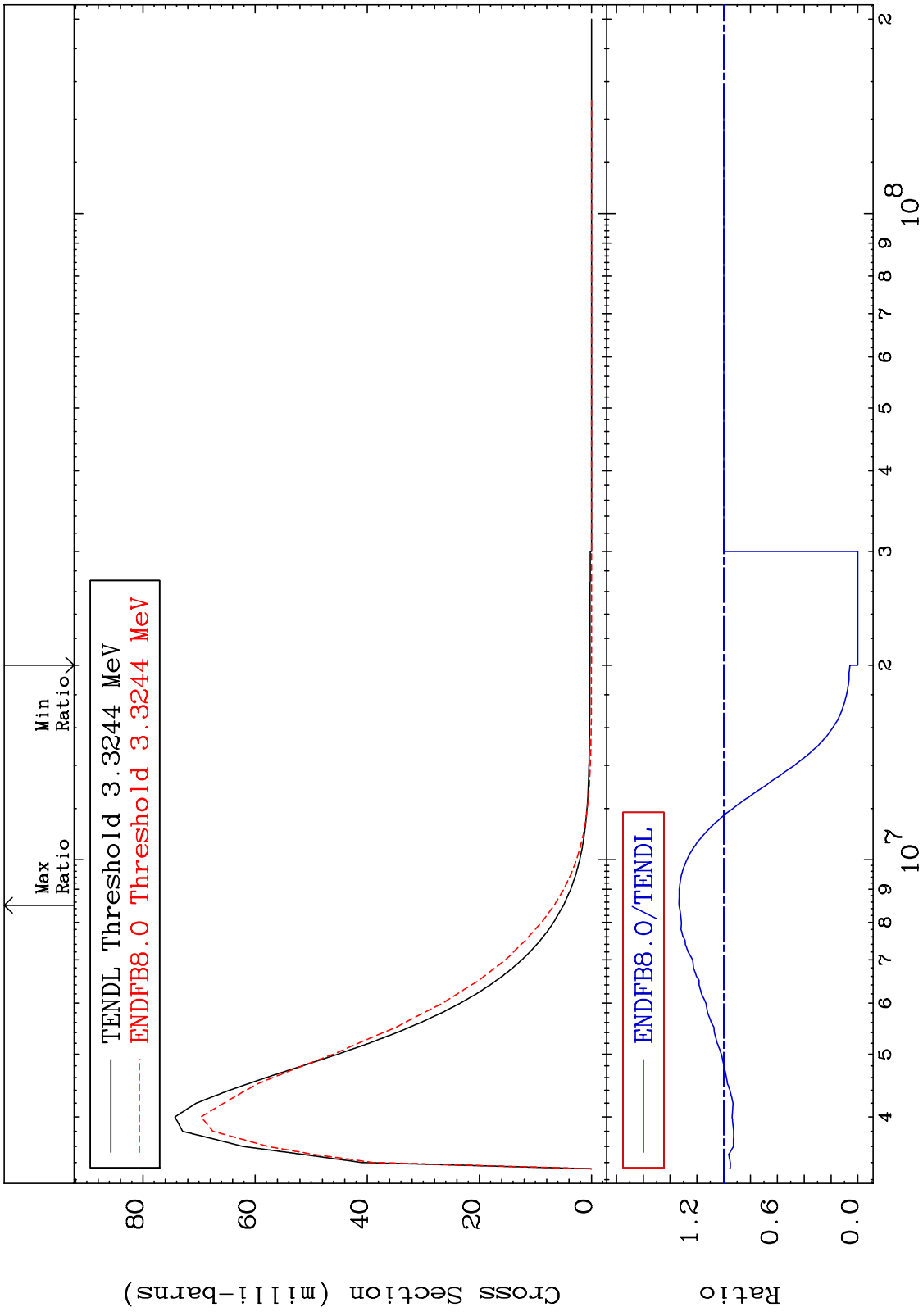




MAT 2831 MT= 59 (n,n') Level Cross Section -100.0 To 1100. % 28-Ni-60



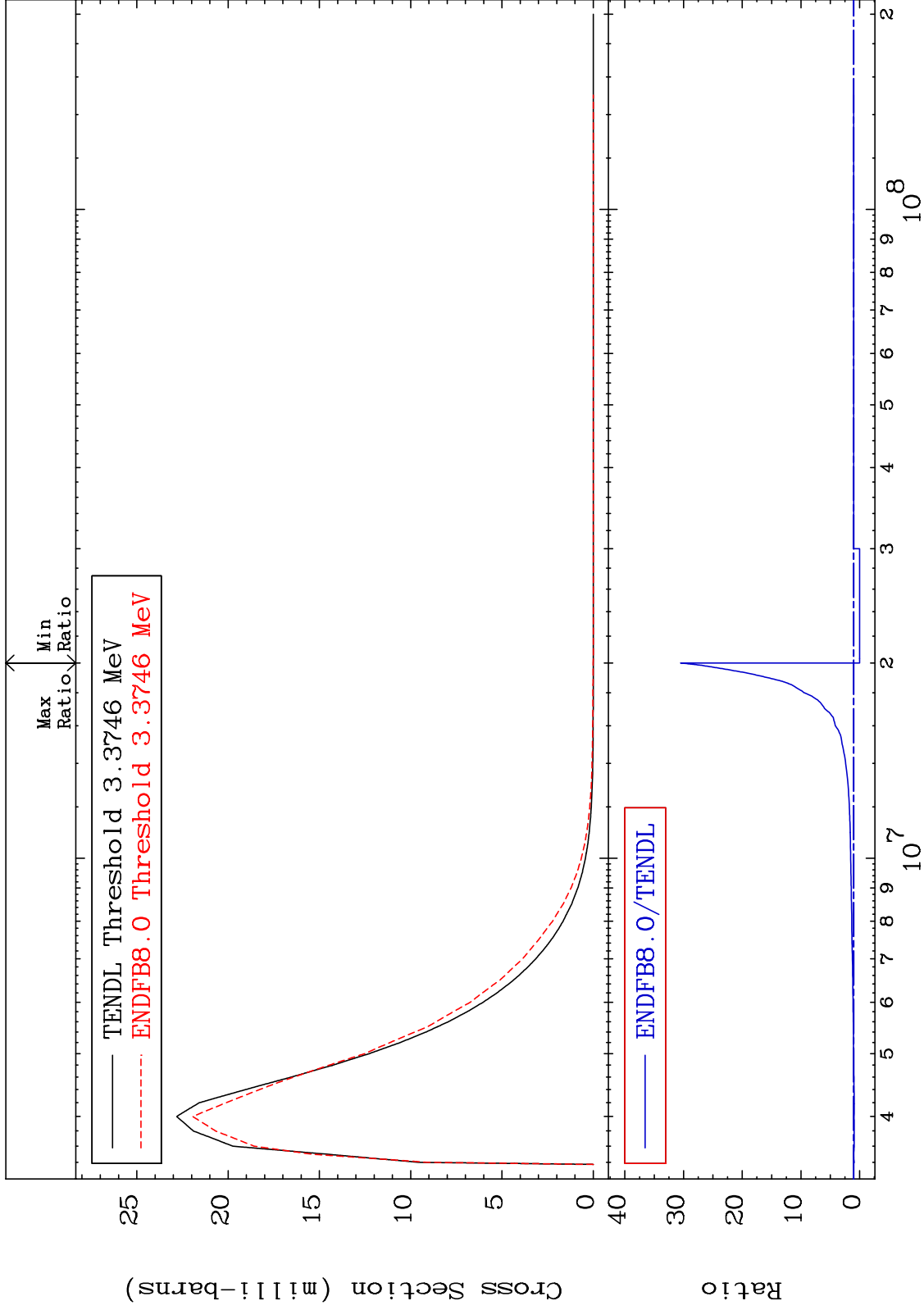
MAT 2831 MT= 60 (n,n') Level Cross Section -100.0 To 33.33 % 28-Ni-60



MAT 2831

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

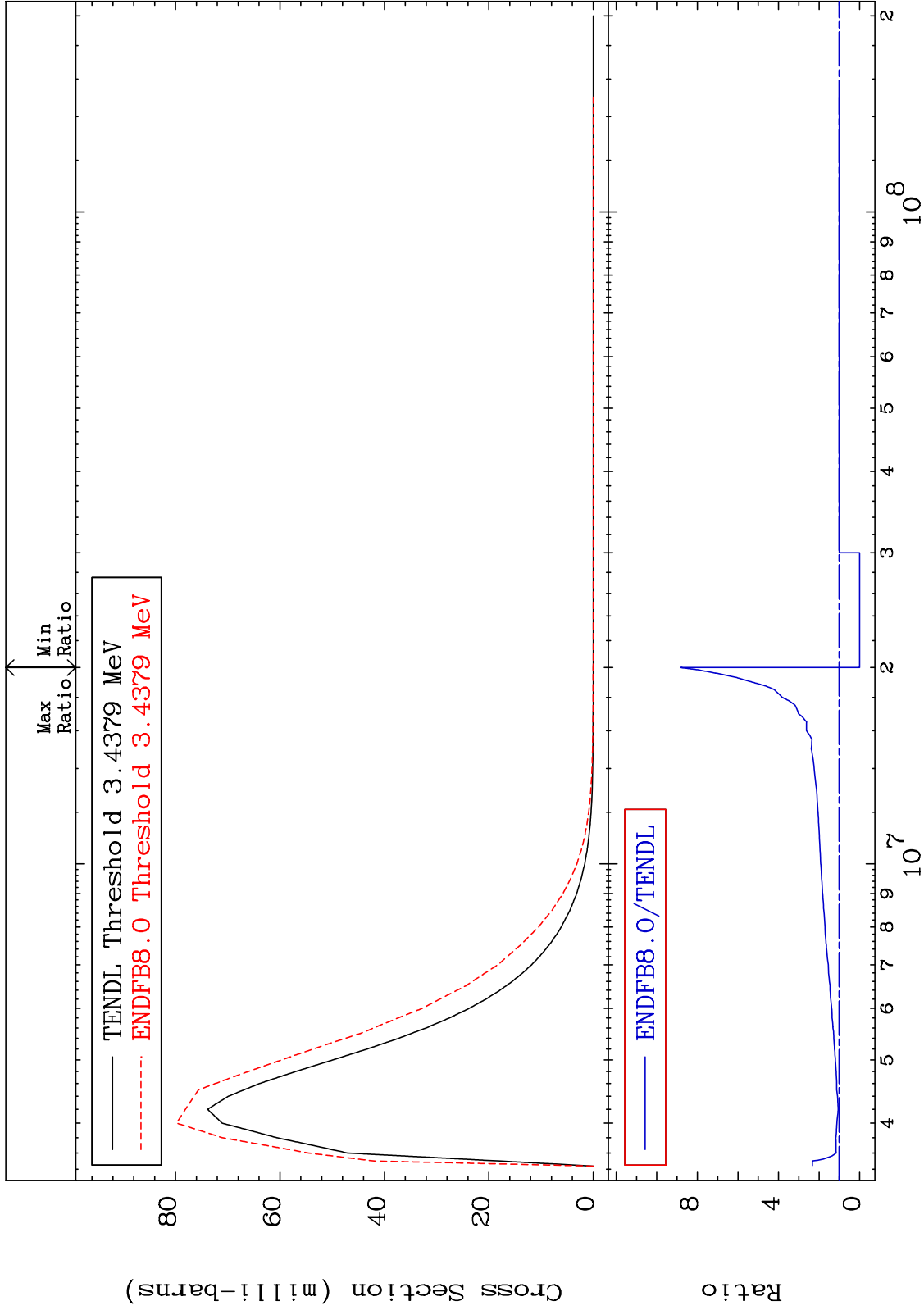
28-Ni-60  
-100.0 To 2947. %



MAT 2831

MT= 62 (n,n') Level  
Cross Section

28-Ni-60  
-100.0 To 781.6 %

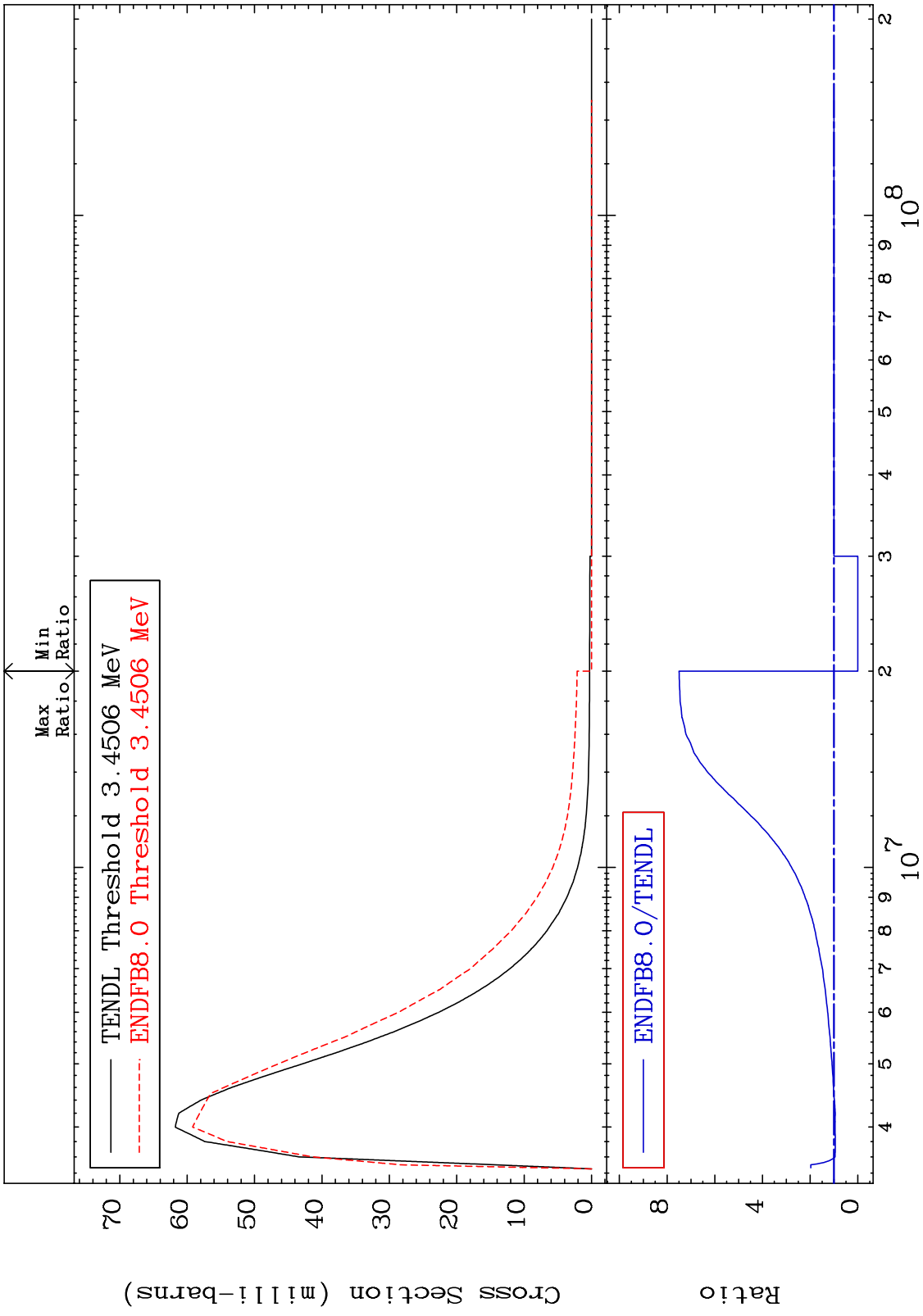


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Incident Energy (eV)

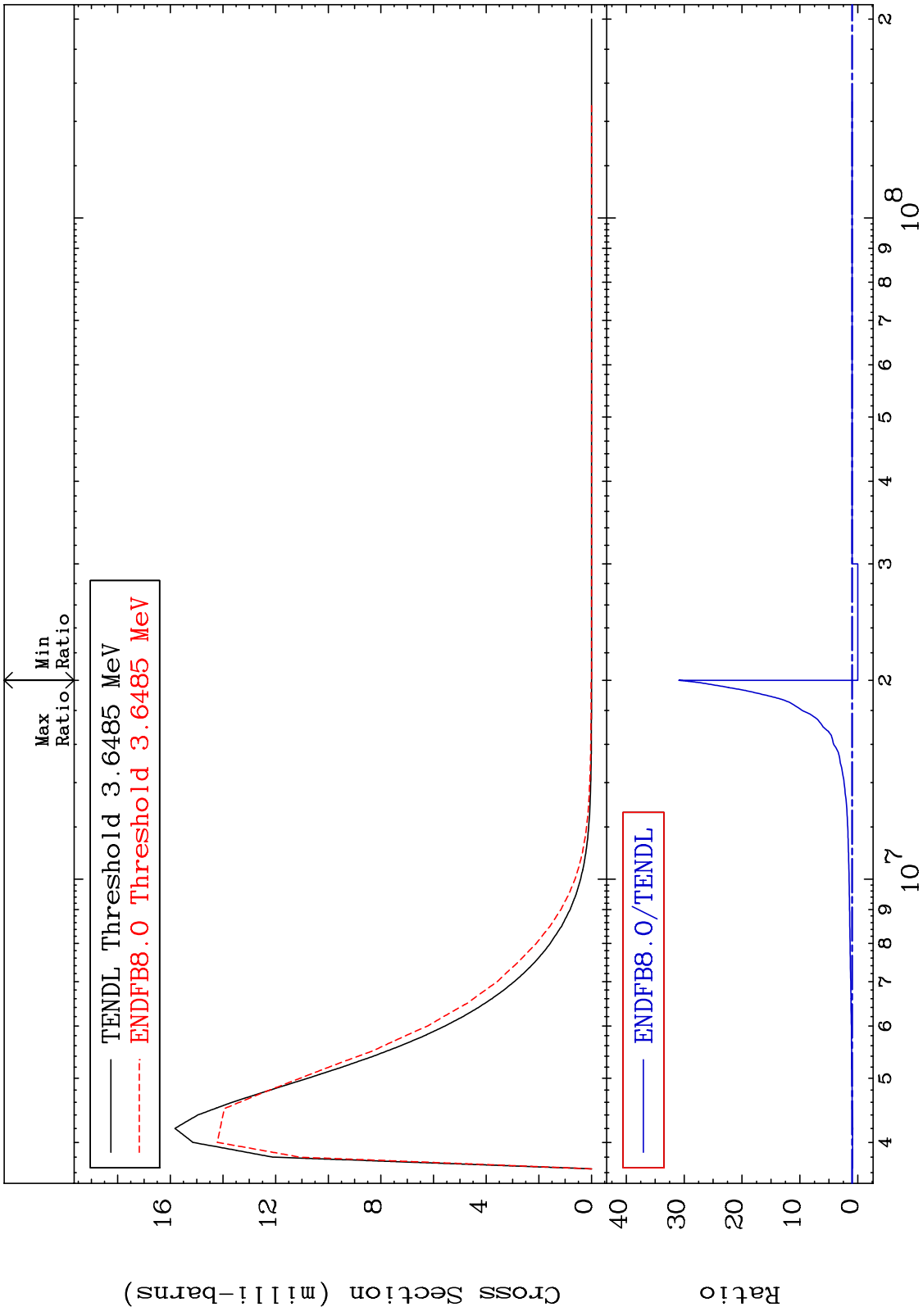
28-Ni-60

MAT 2831      MT= 63 (n,n') Level Cross Section      28-Ni-60  
 -100.0 To 649.9 %

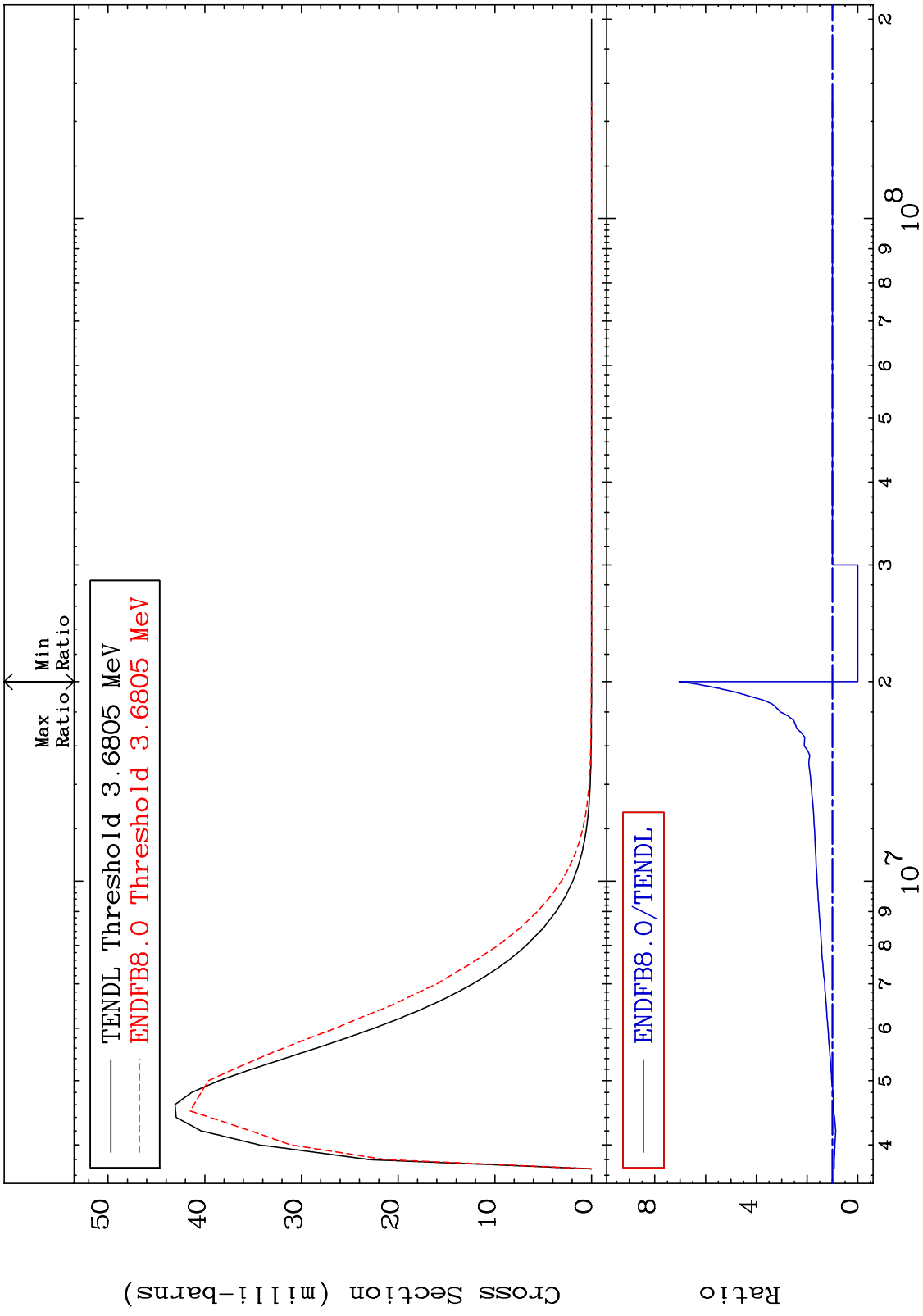


20      28-Ni-60

MAT 2831 MT= 64 (n,n') Level Cross Section -100.0 To 2988. % 28-Ni-60



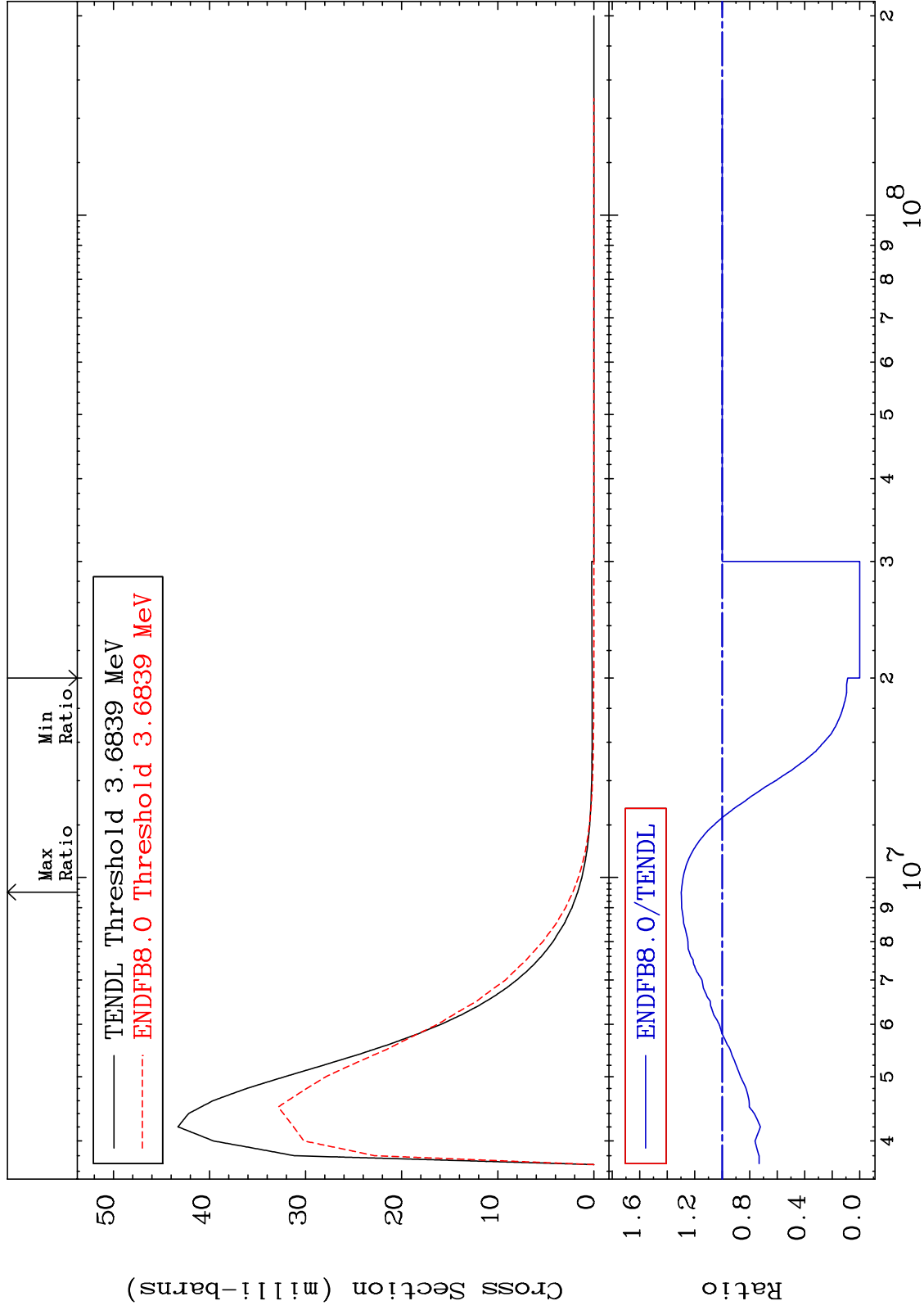
MAT 2831 MT= 65 (n,n') Level Cross Section -100.0 To 604.4 % 28-Ni-60



MAT 2831

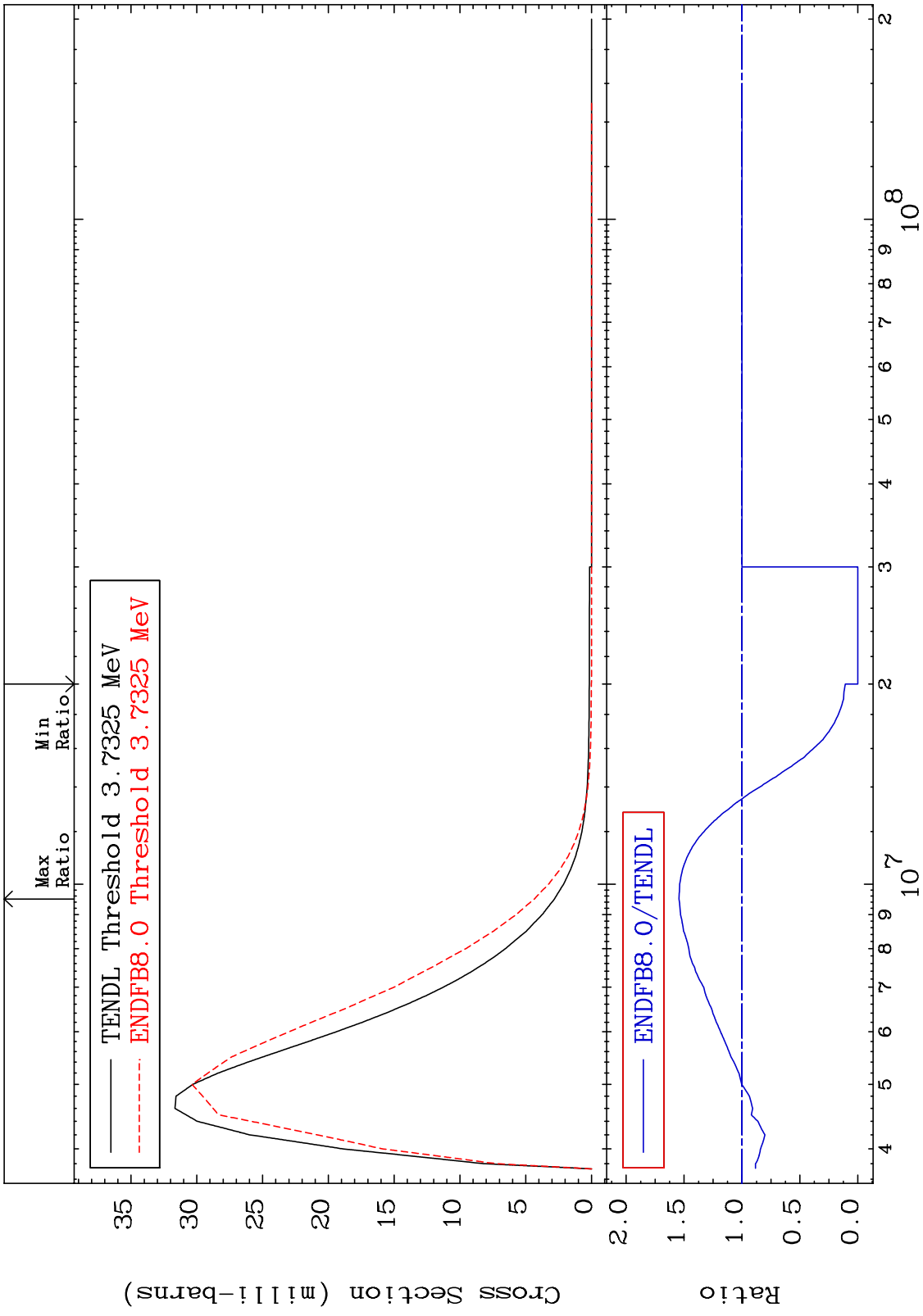
MT= 66 (n,n') Level  
Cross Section

28-Ni-60  
-100.0 To 29.77 %

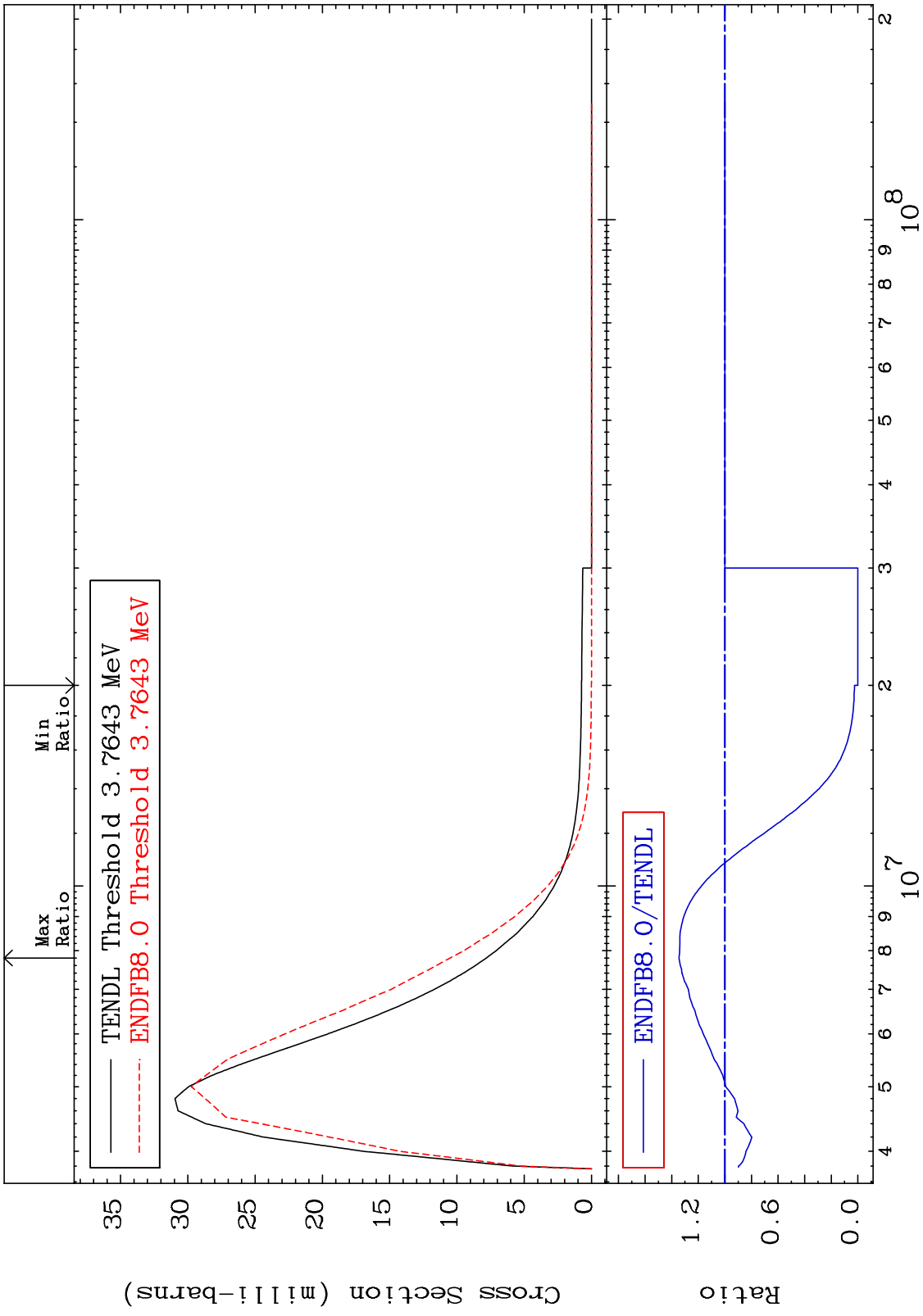




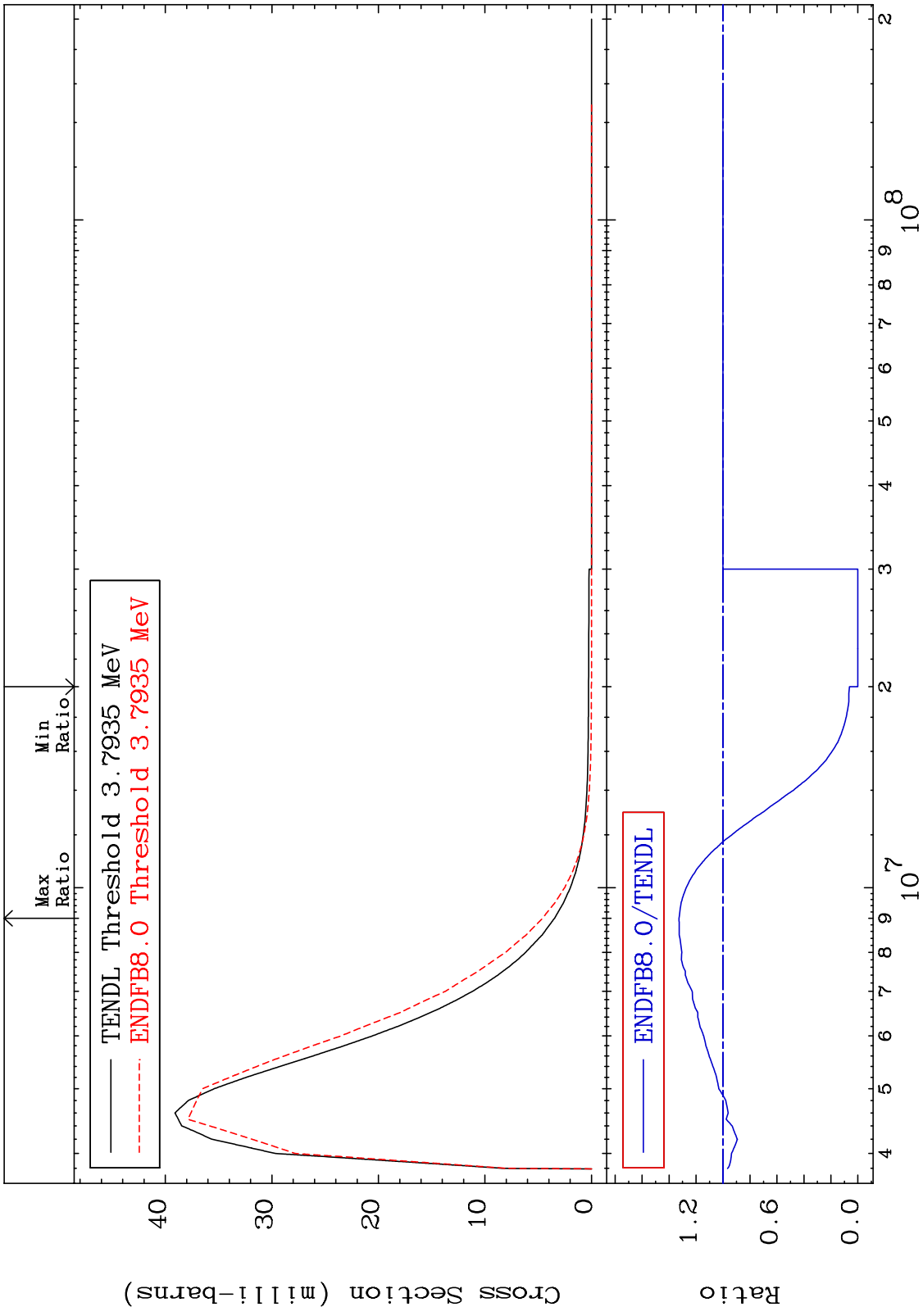
MAT 2831 MT= 67 (n,n') Level Cross Section 28-Ni-60  
 -100.0 To 54.35 %



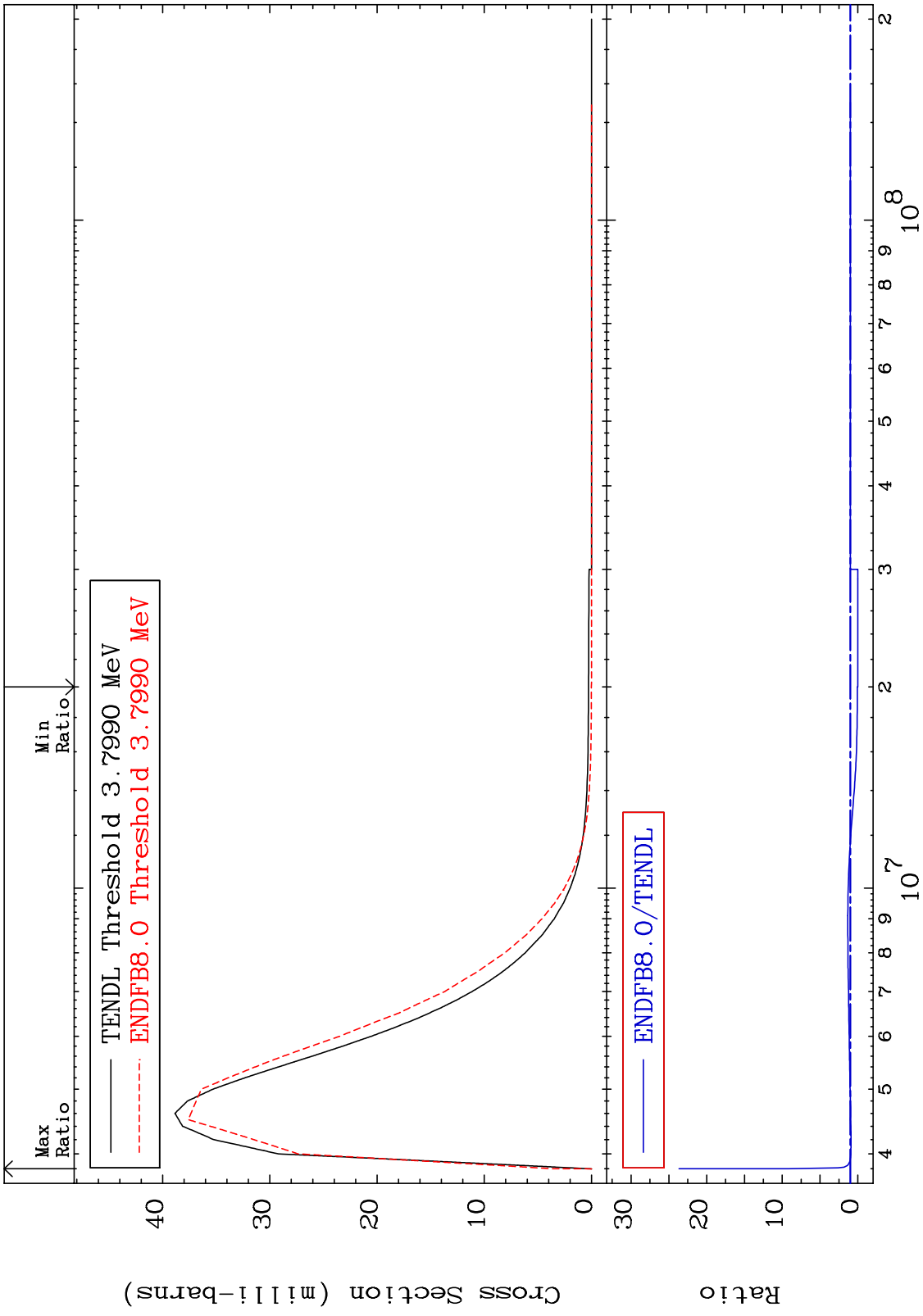
MAT 2831 MT= 68 (n,n') Level Cross Section -100.0 To 34.46 % 28-Ni-60



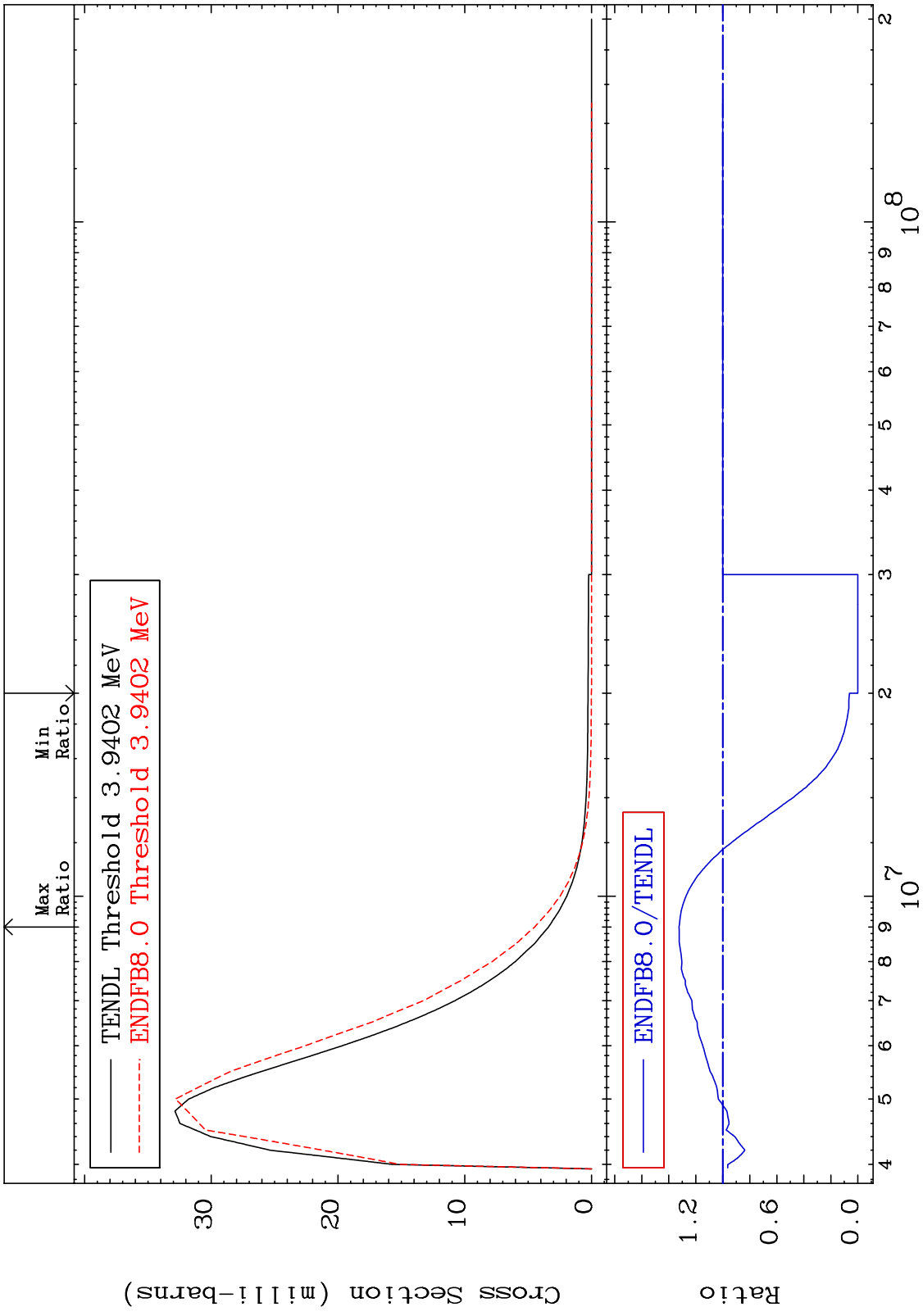
MAT 2831 MT= 69 (n,n') Level Cross Section -100.0 To 32.62 % 28-Ni-60



MAT 2831 MT= 70 (n,n') Level Cross Section -100.0 To 2265. % 28-Ni-60



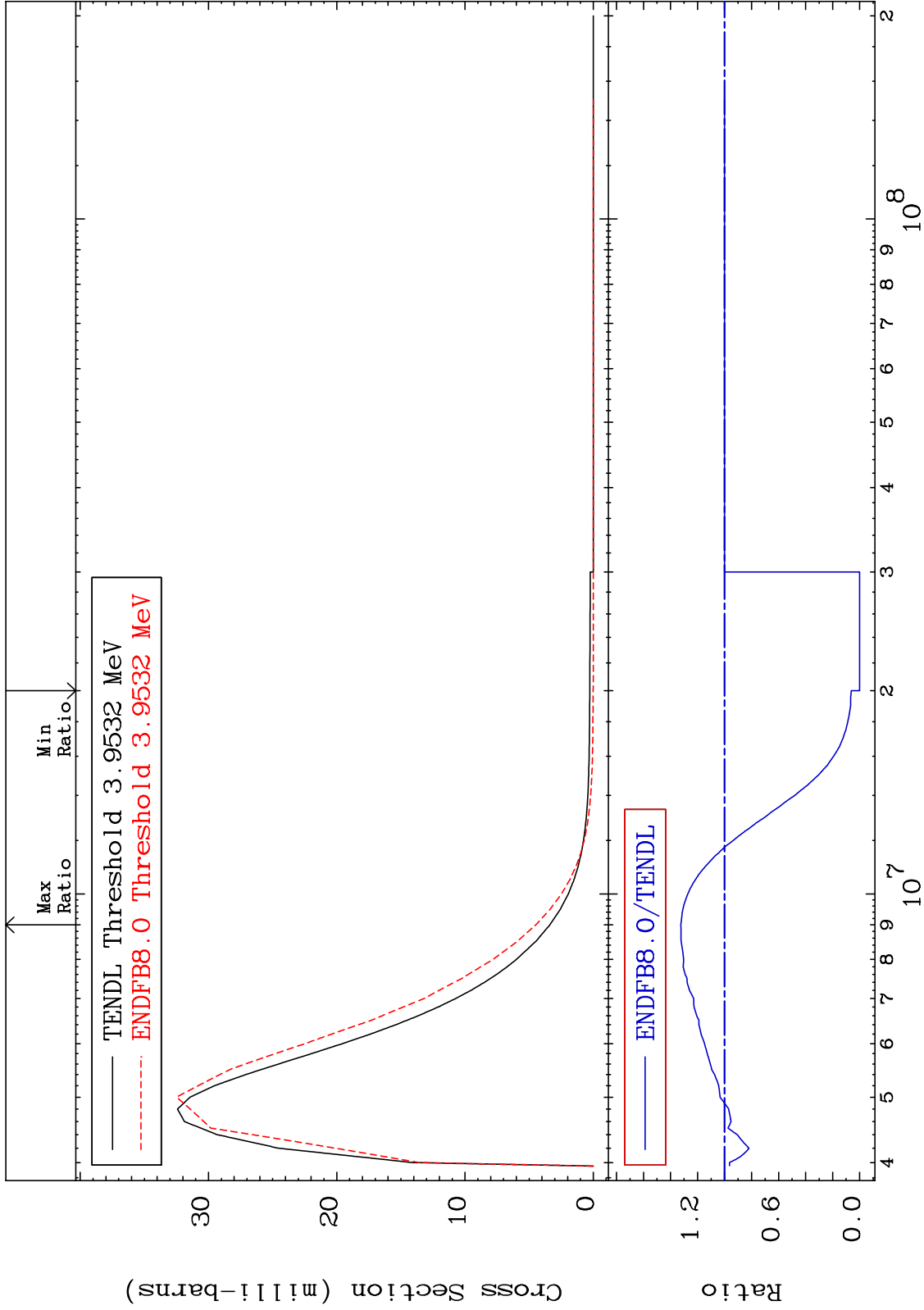
MAT 2831 MT= 71 (n,n') Level Cross Section -100.0 To 32.40 % 28-Ni-60



MAT 2831

MT= 72 (n,n') Level  
Cross Section

28-Ni-60  
-100.0 To 32.39 %



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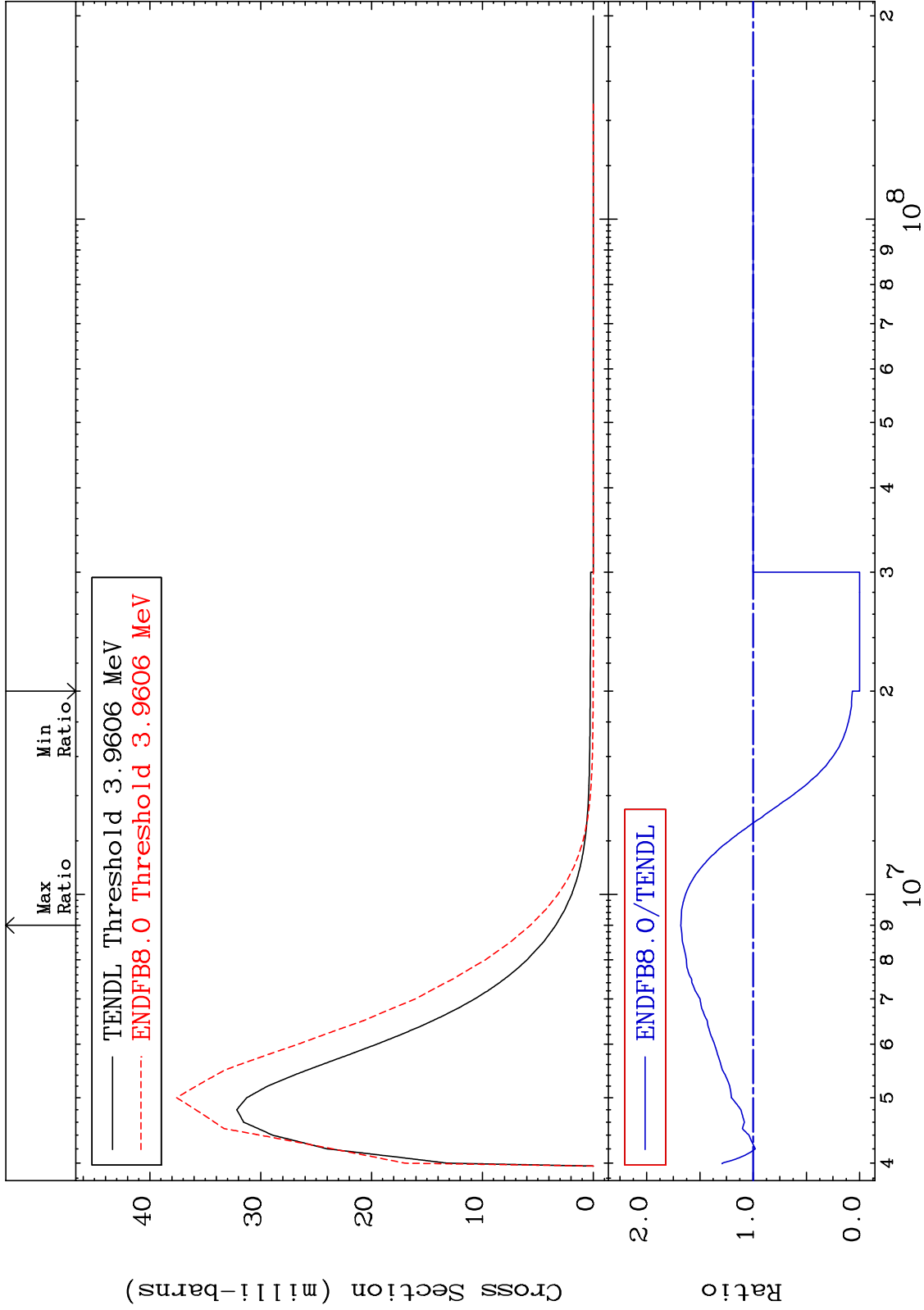
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60  
-100.0 To 67.92 %

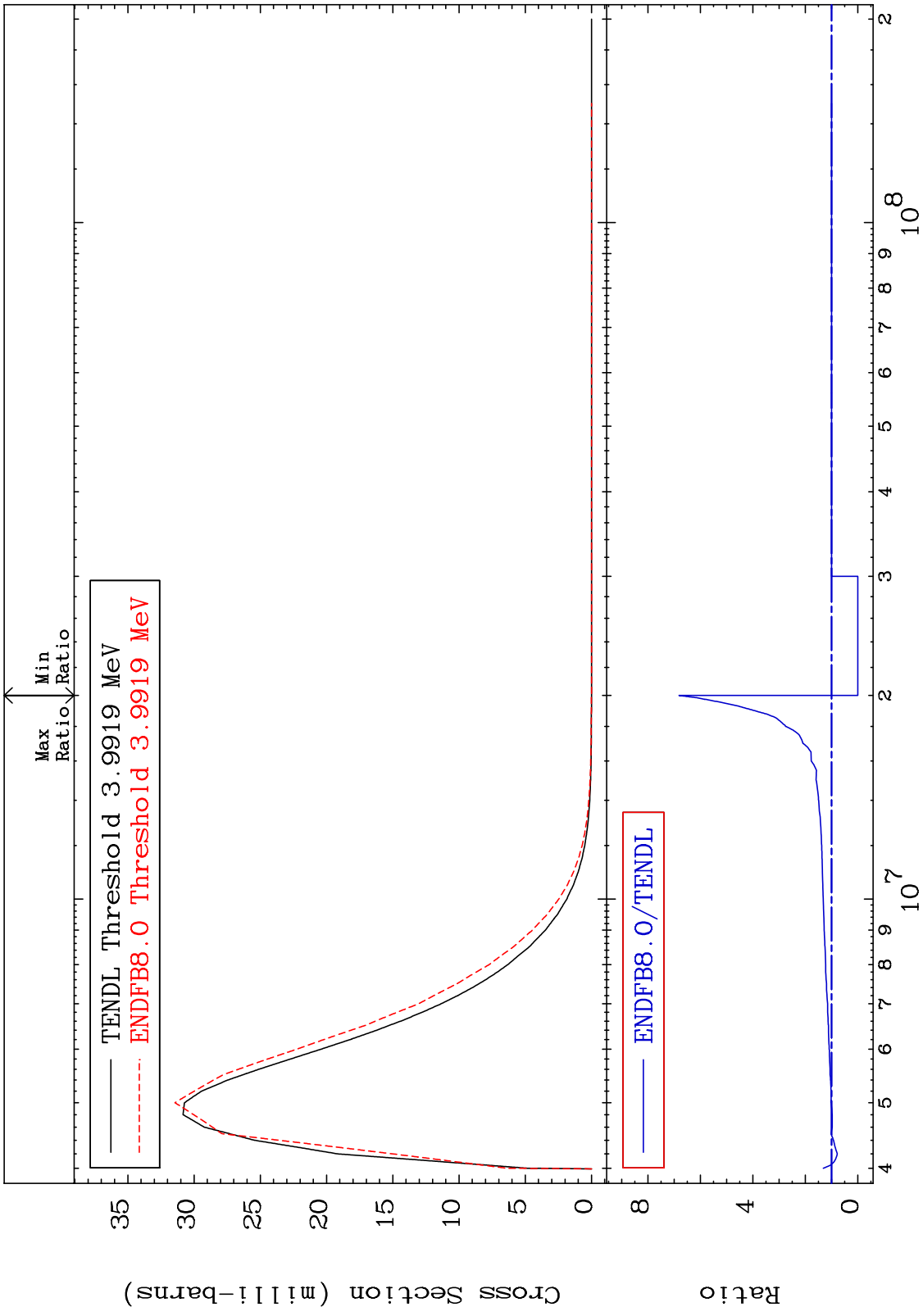


30

Incident Energy (eV)

28-Ni-60

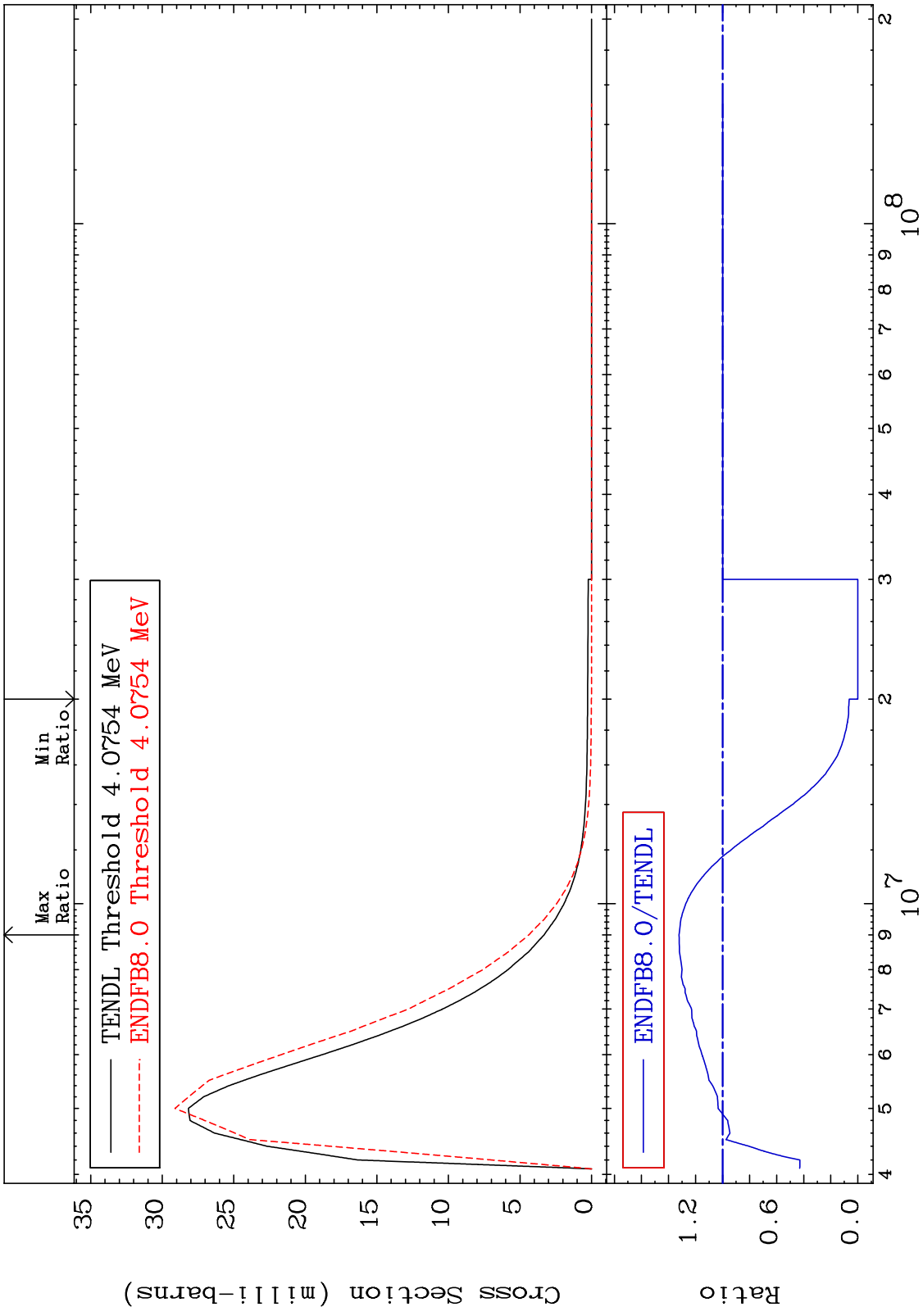
MAT 2831 MT= 74 (n,n') Level Cross Section -100.0 To 581.3 % 28-Ni-60



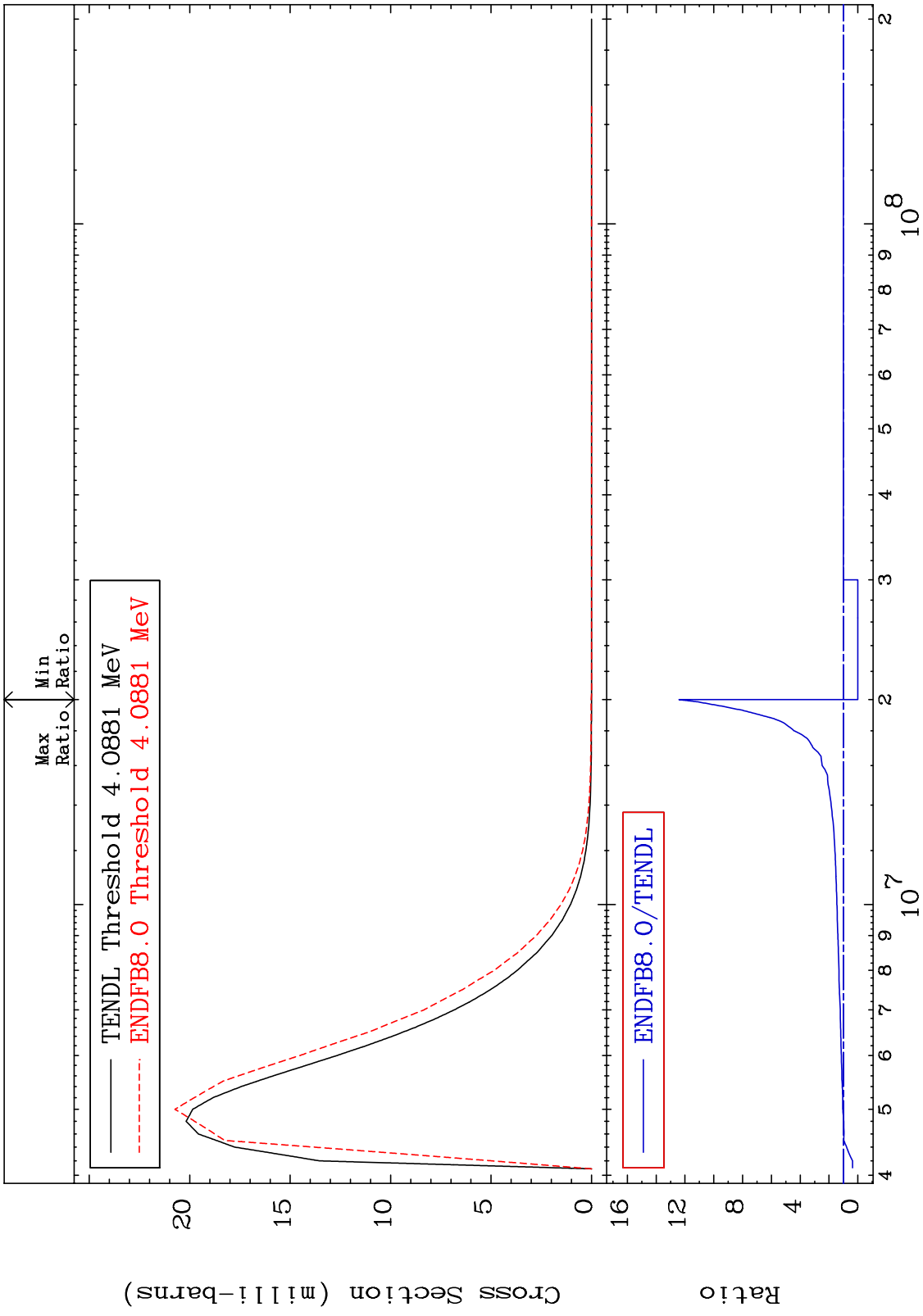
31 28-Ni-60



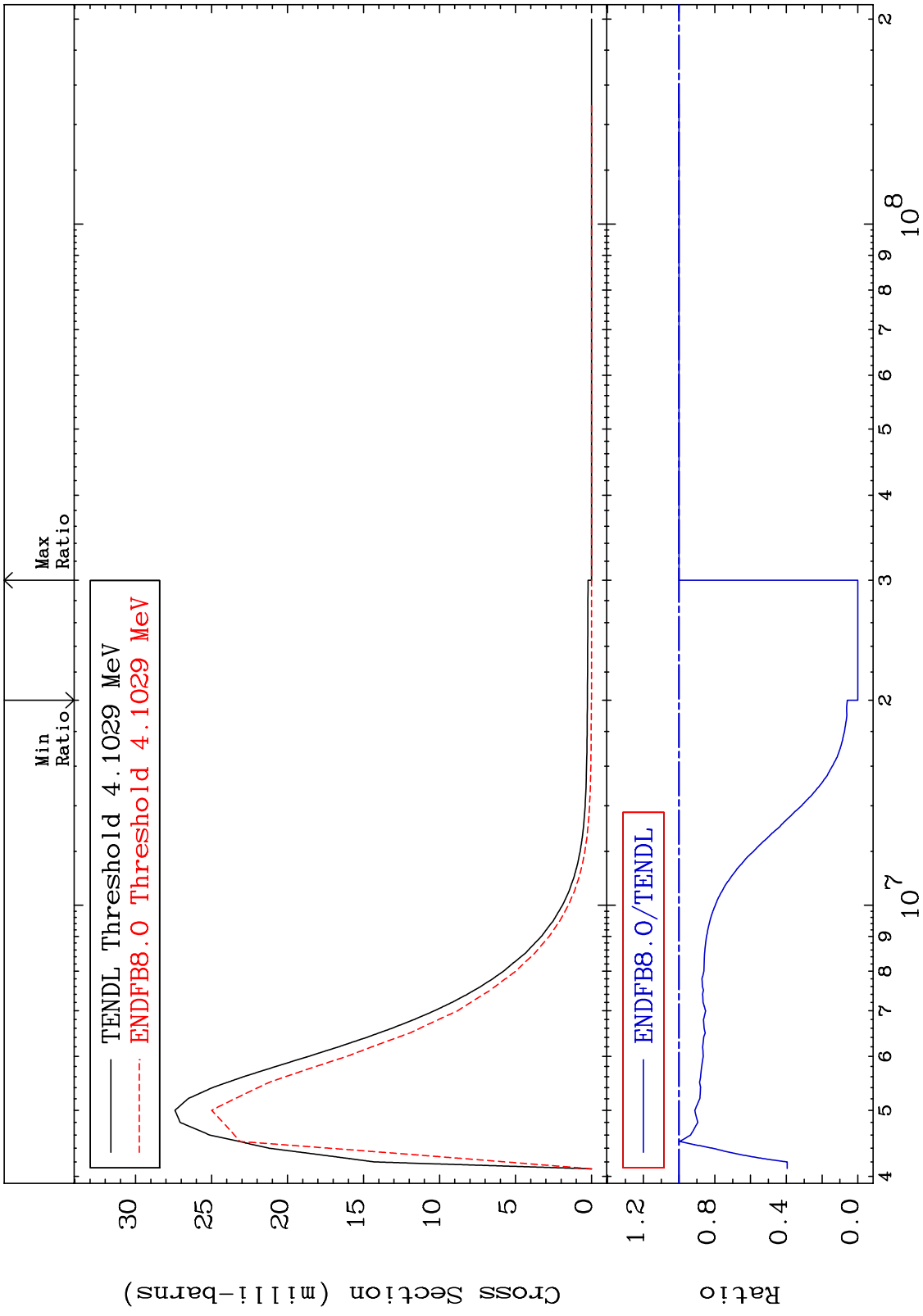
MAT 2831 MT= 75 (n,n') Level Cross Section -100.0 To 32.20 % 28-Ni-60



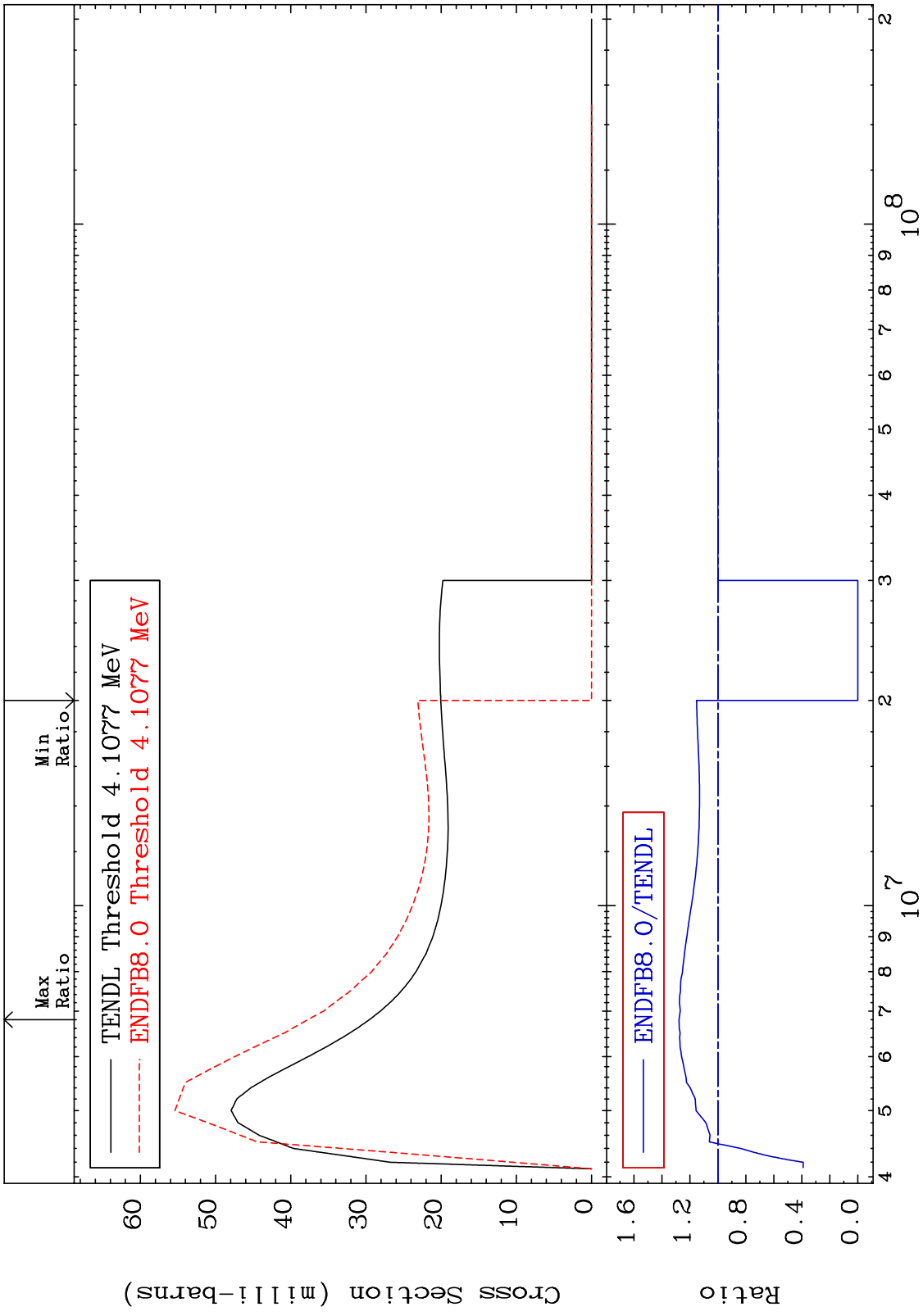
MAT 2831 MT= 76 (n,n') Level Cross Section -100.0 To 1141. % 28-Ni-60



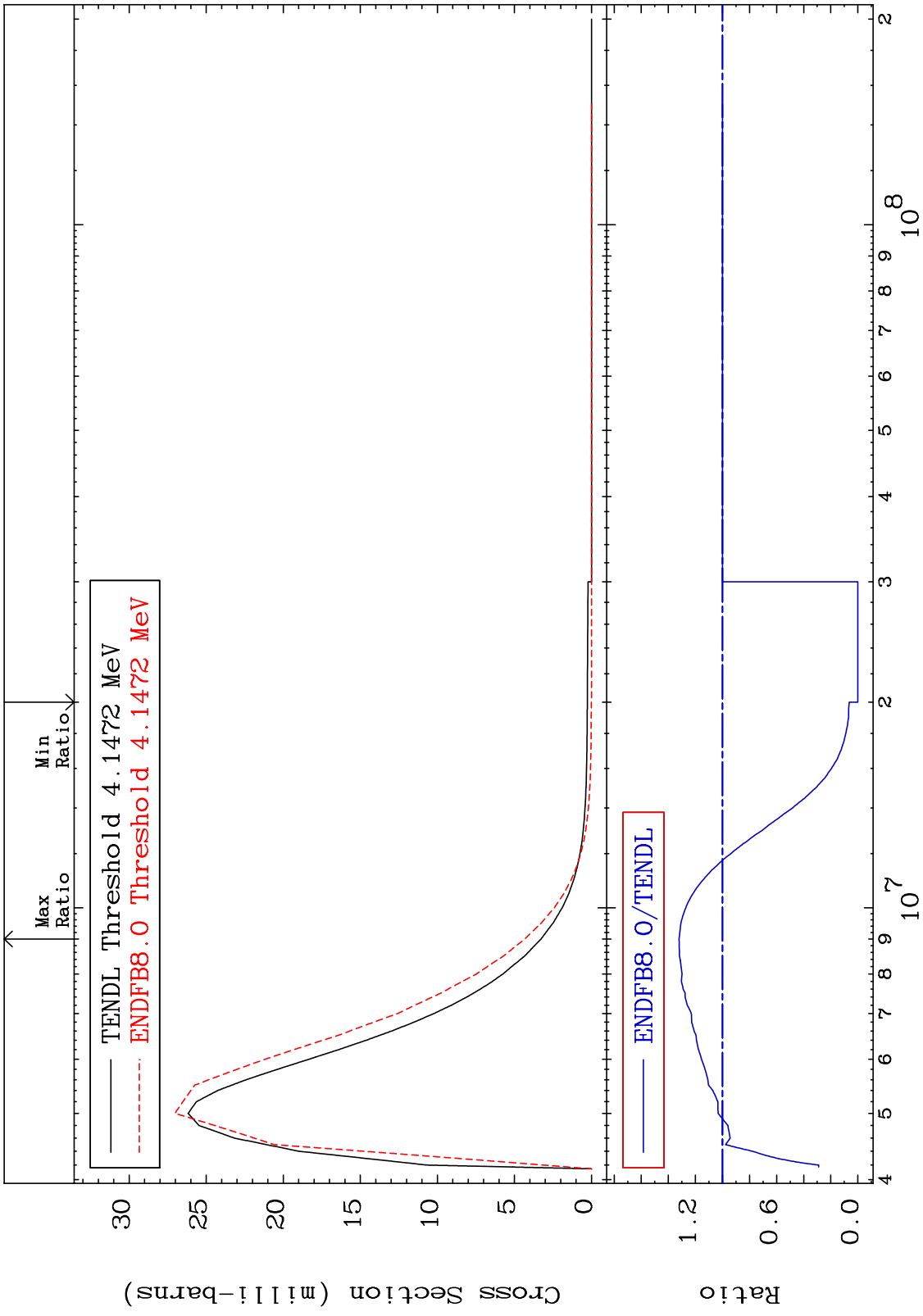
MAT 2831 MT= 77 (n,n') Level Cross Section -100.0 To 0.000 % 28-Ni-60



MAT 2831 MT= 78 (n,n') Level Cross Section -100.0 To 27.76 % 28-Ni-60

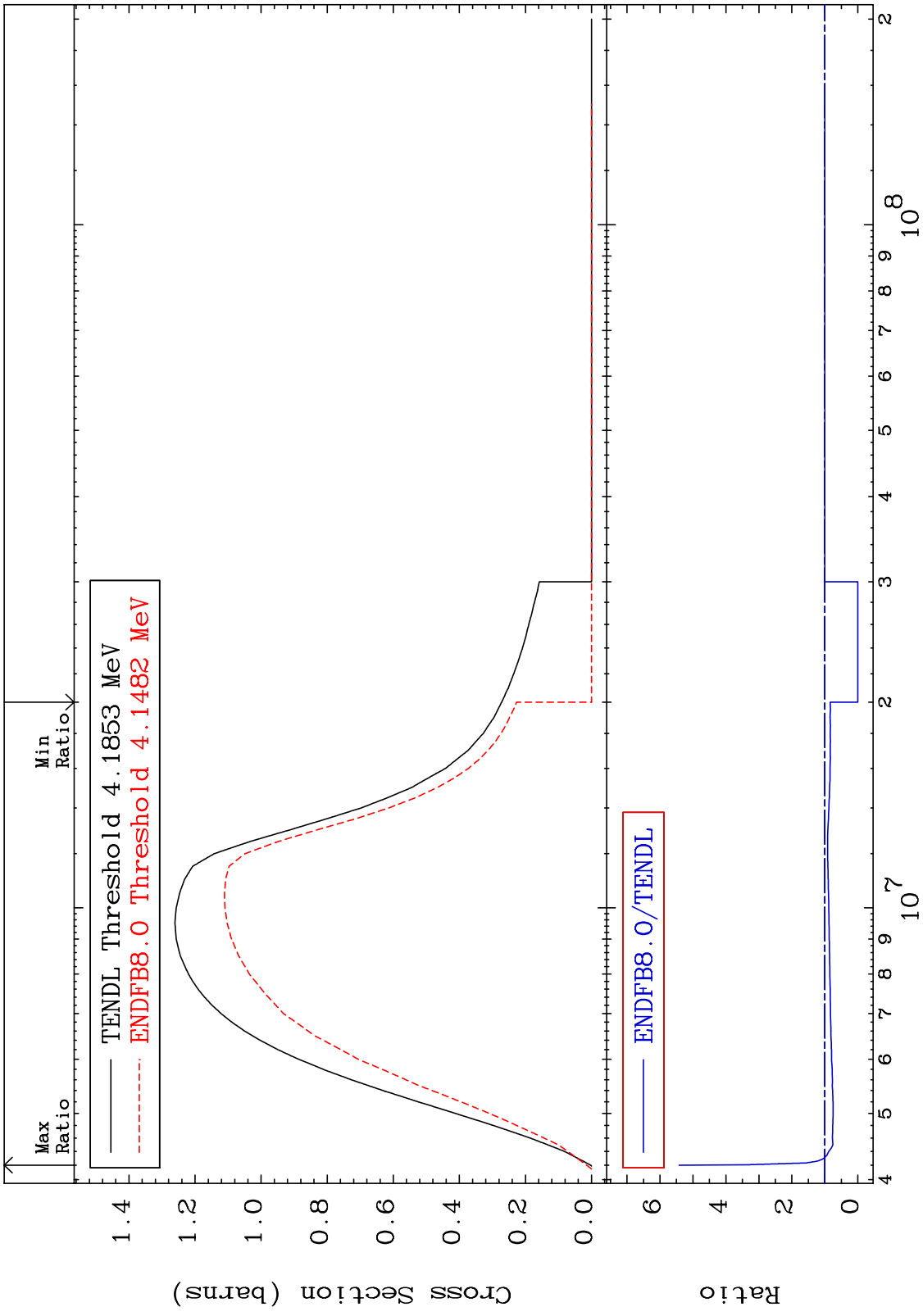


MAT 2831 MT= 79 (n,n') Level Cross Section -100.0 To 32.09 % 28-Ni-60



36 28-Ni-60

MAT 2831 (n,n') Continuum Cross Section -100.0 To 442.2 % 28-Ni-60



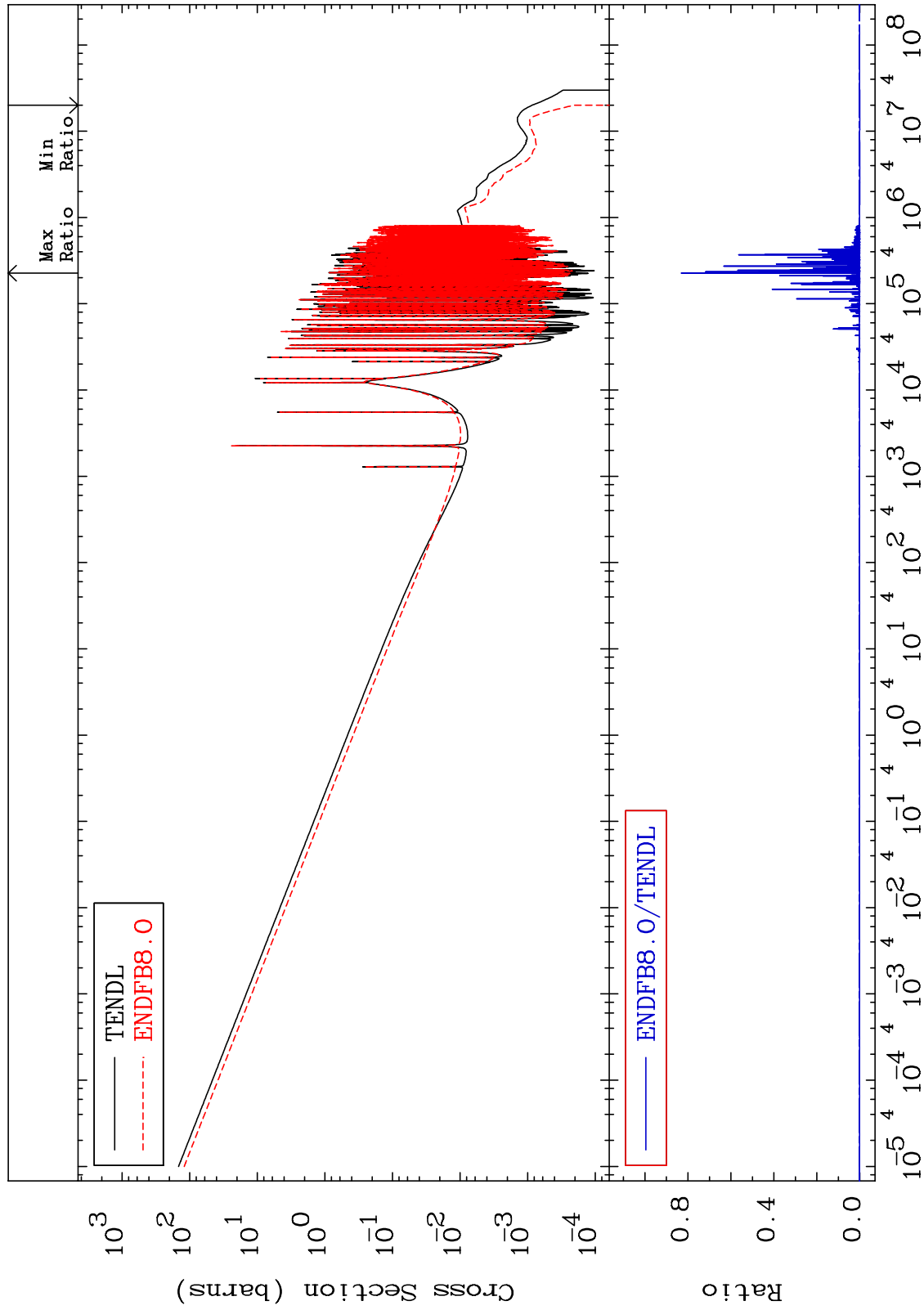
MAT 2831

(n,  $\gamma$ )

28-Ni-60

Cross Section

-100.0 To 9999. %

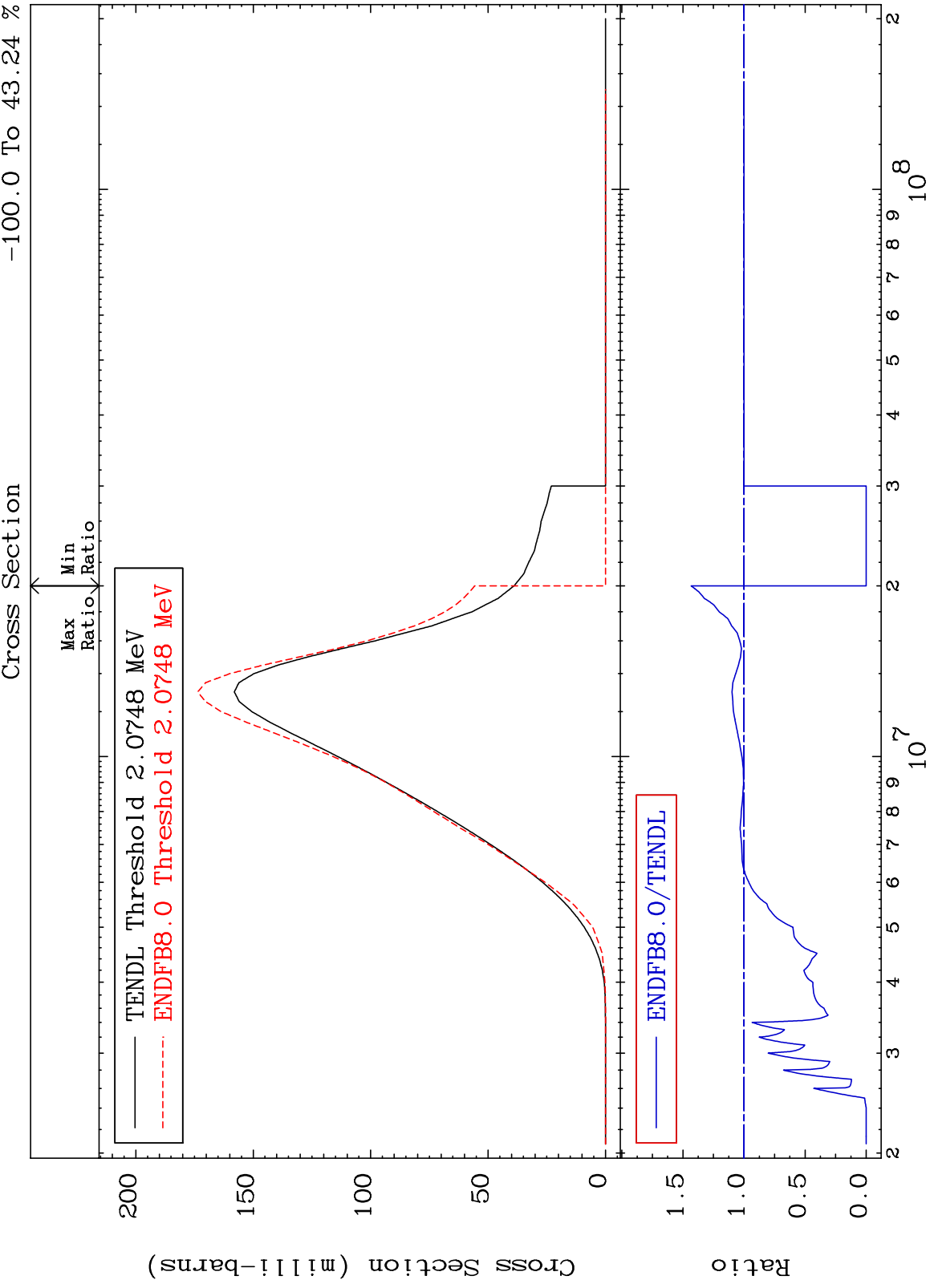


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Incident Energy (eV)

28-Ni-60

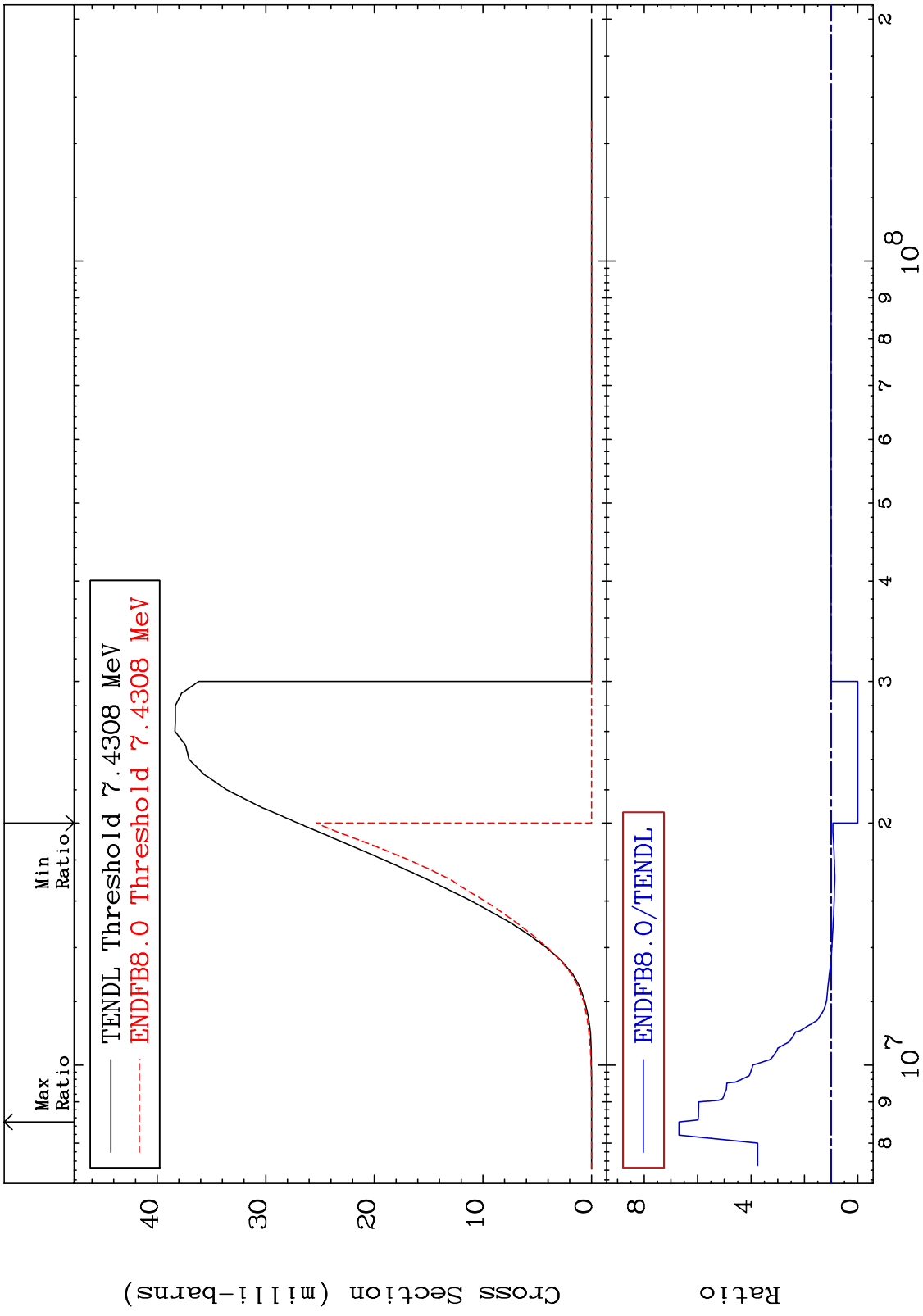
MAT 2831 (n,p) 28-Ni-60 -100.0 To 43.24 %



39 28-Ni-60

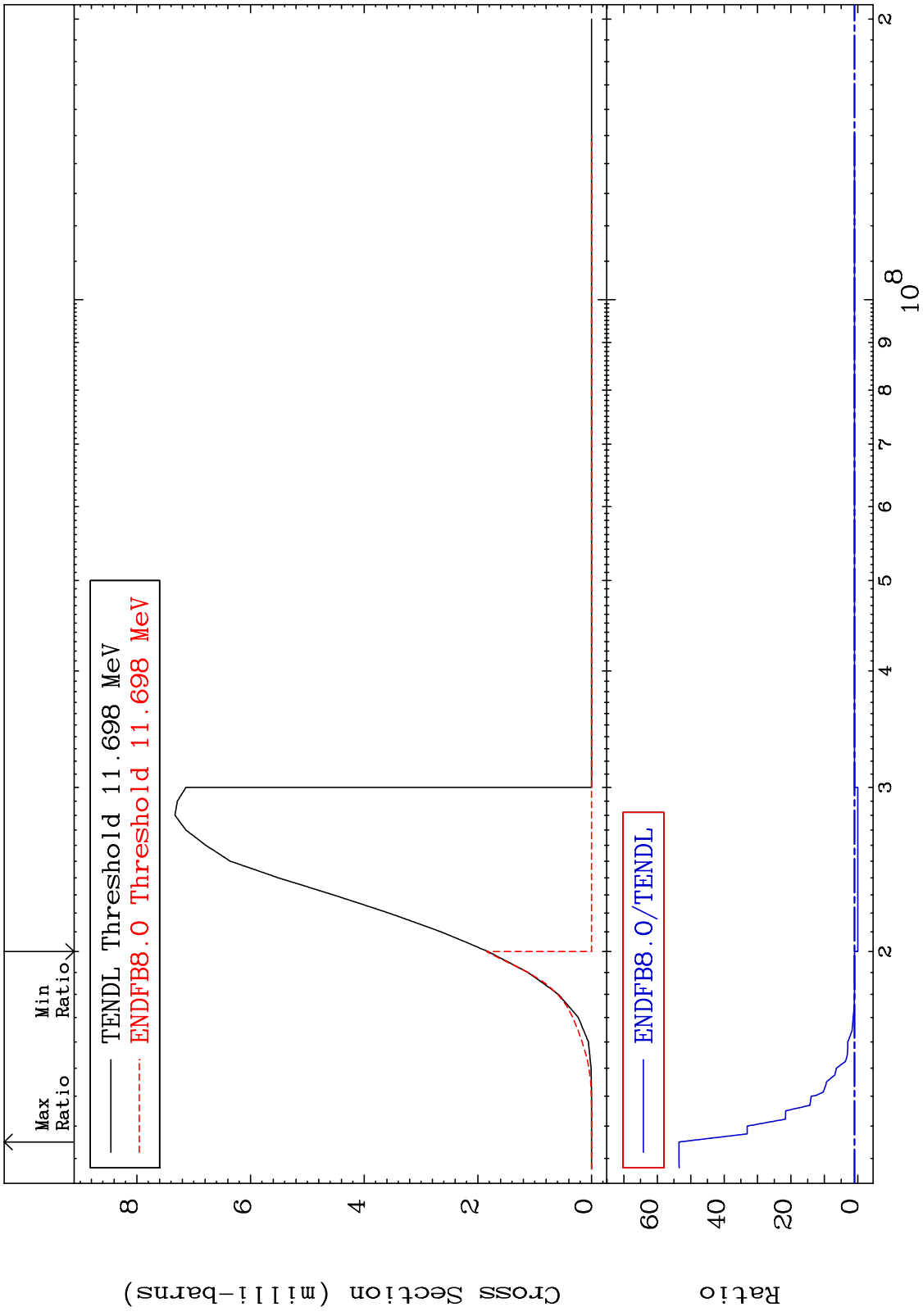


MAT 2831 (n,d) Cross Section 28-Ni-60 -100.0 To 569.6 %

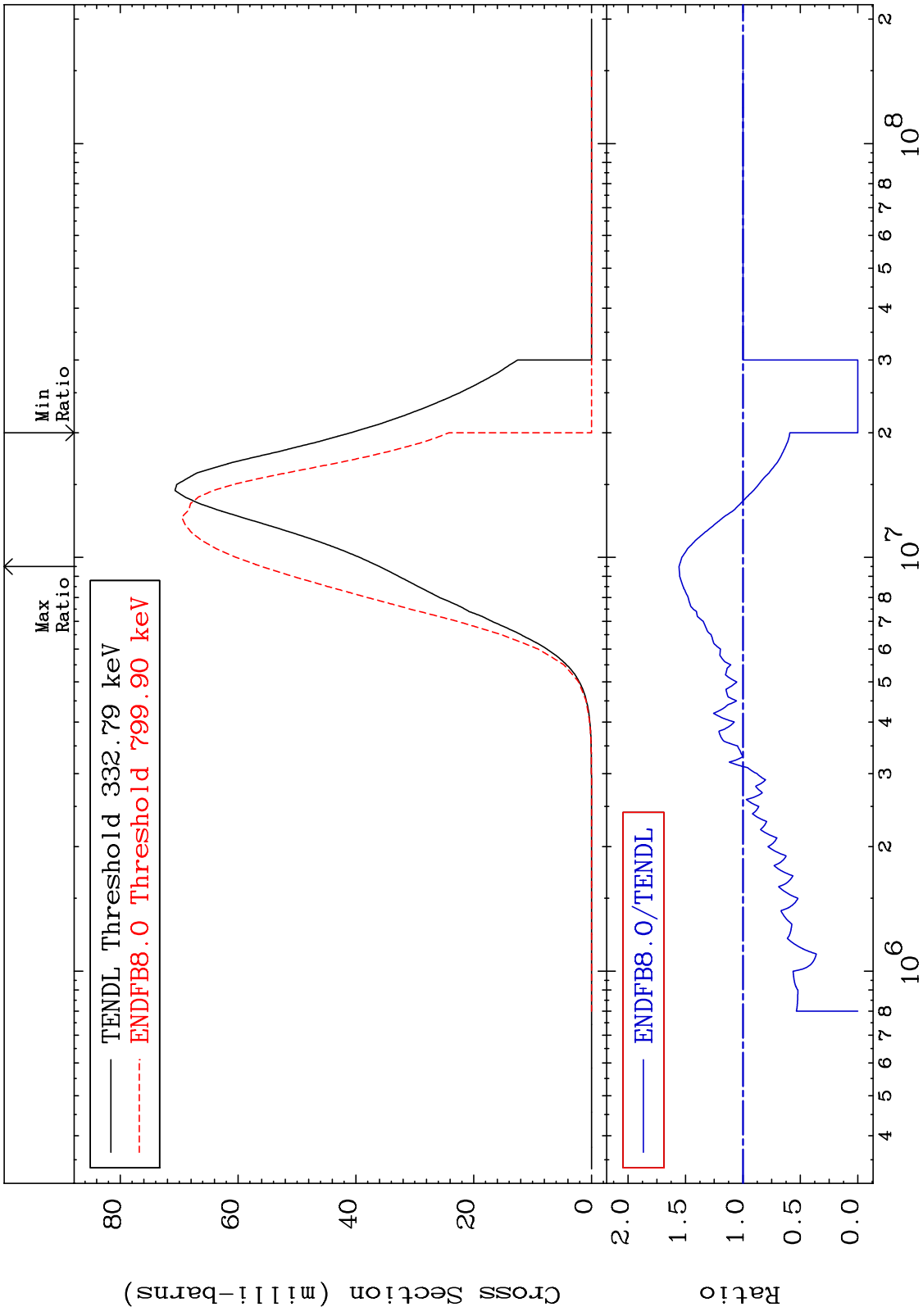


40 28-Ni-60

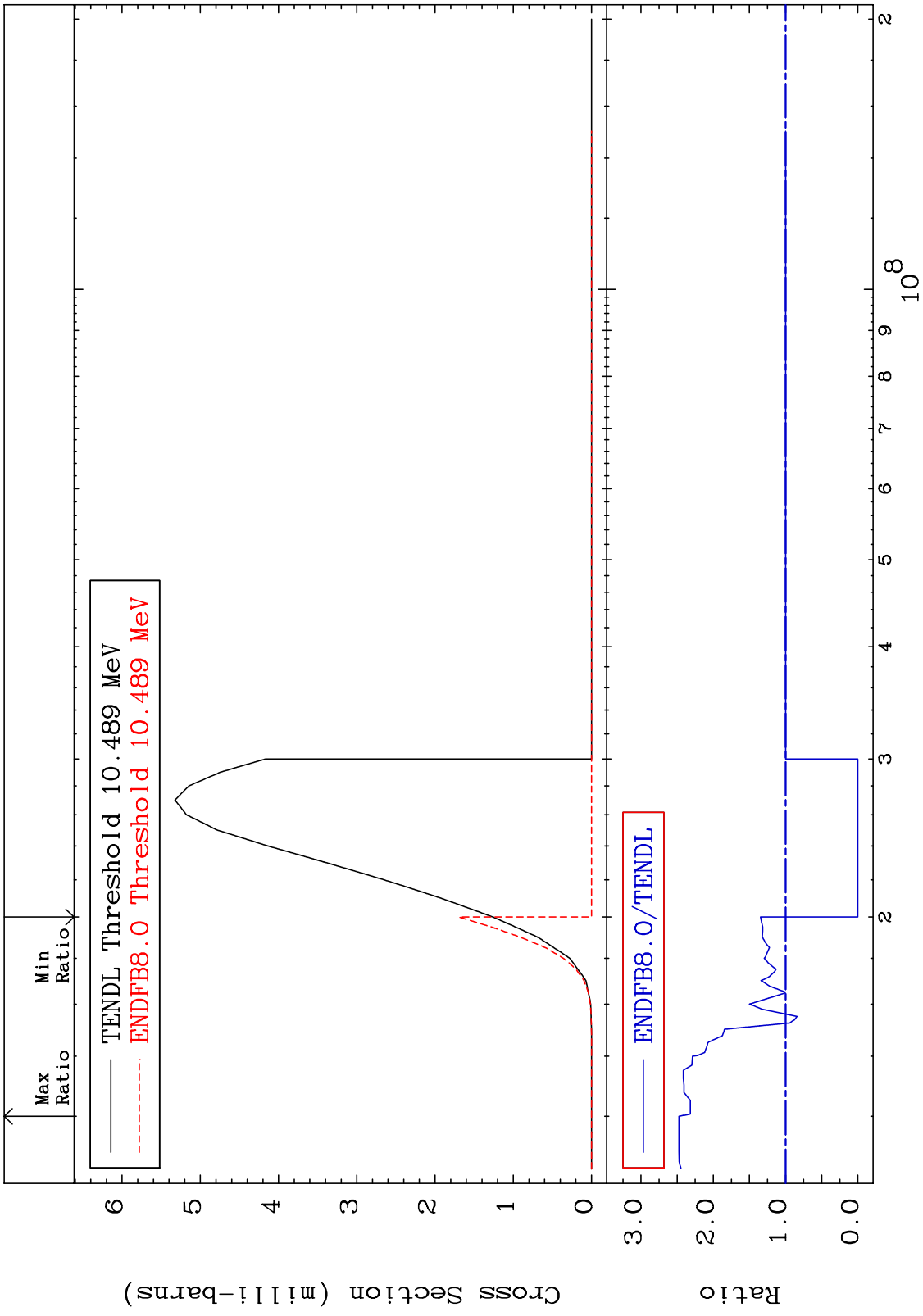
MAT 2831 (n,t) 28-Ni-60  
 Cross Section -100.0 To 5249. %



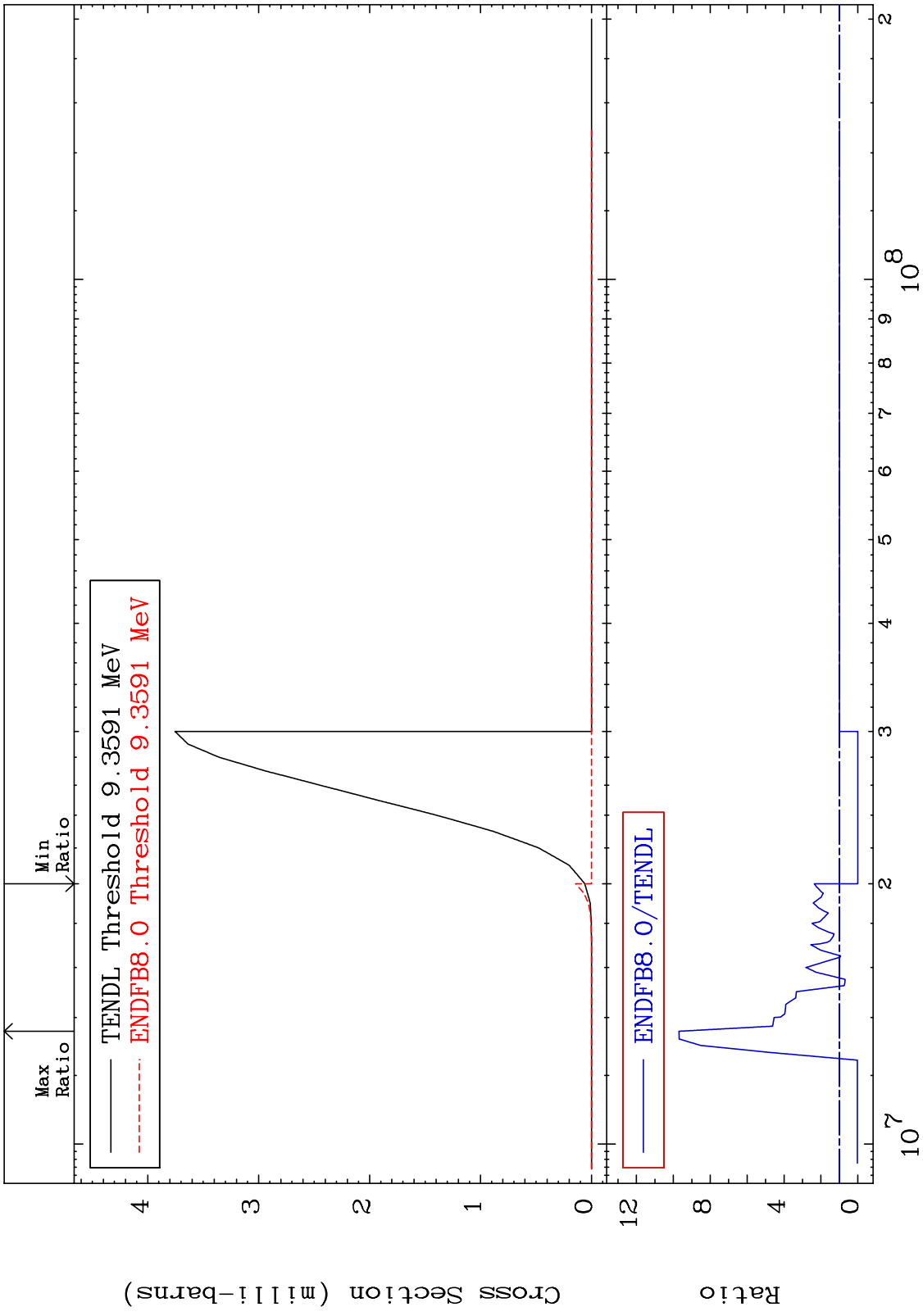
MAT 2831 28-Ni-60  
-100.0 To 55.64 %



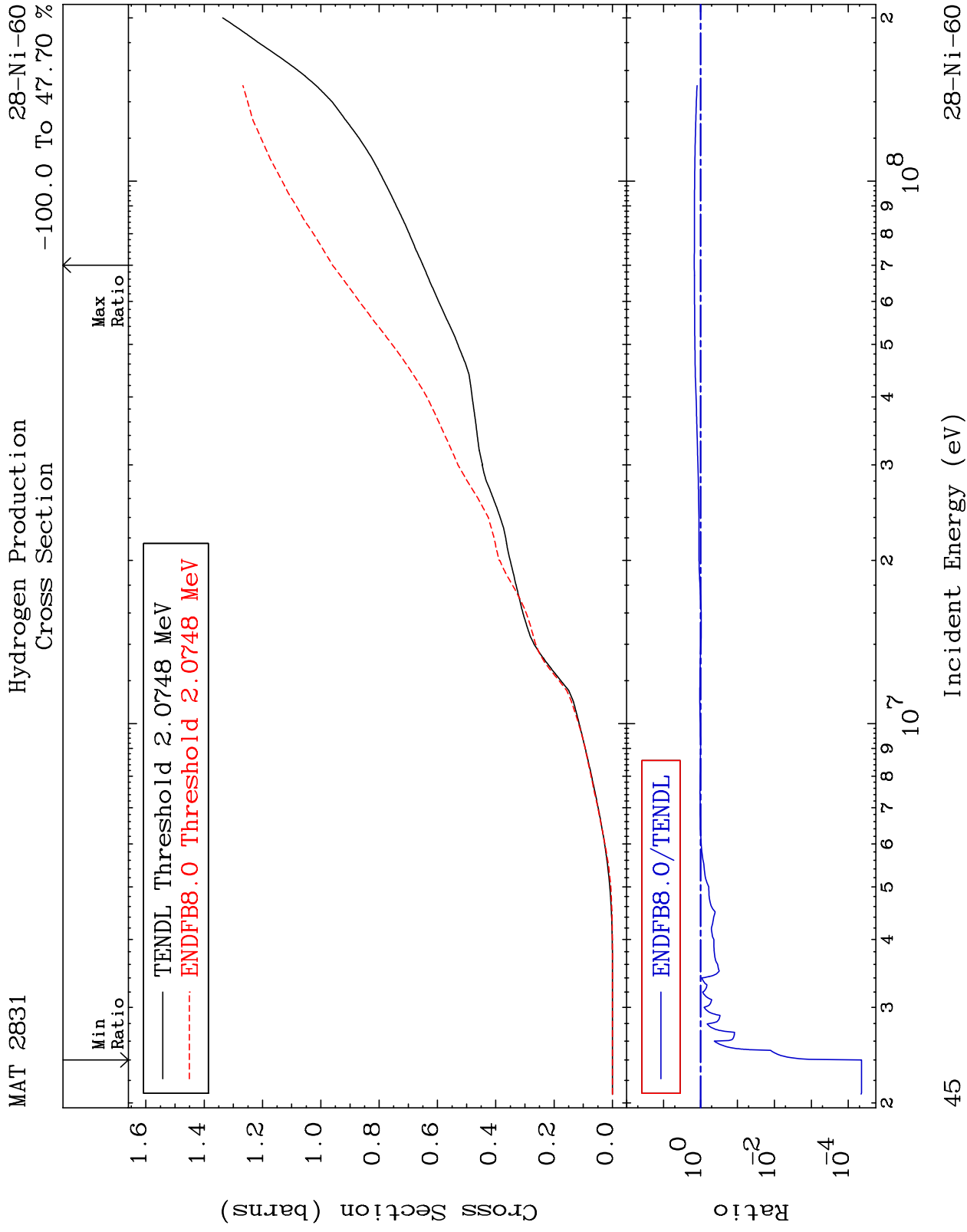
MAT 2831 (n,2p) Cross Section 28-Ni-60 -100.0 To 147.4 %



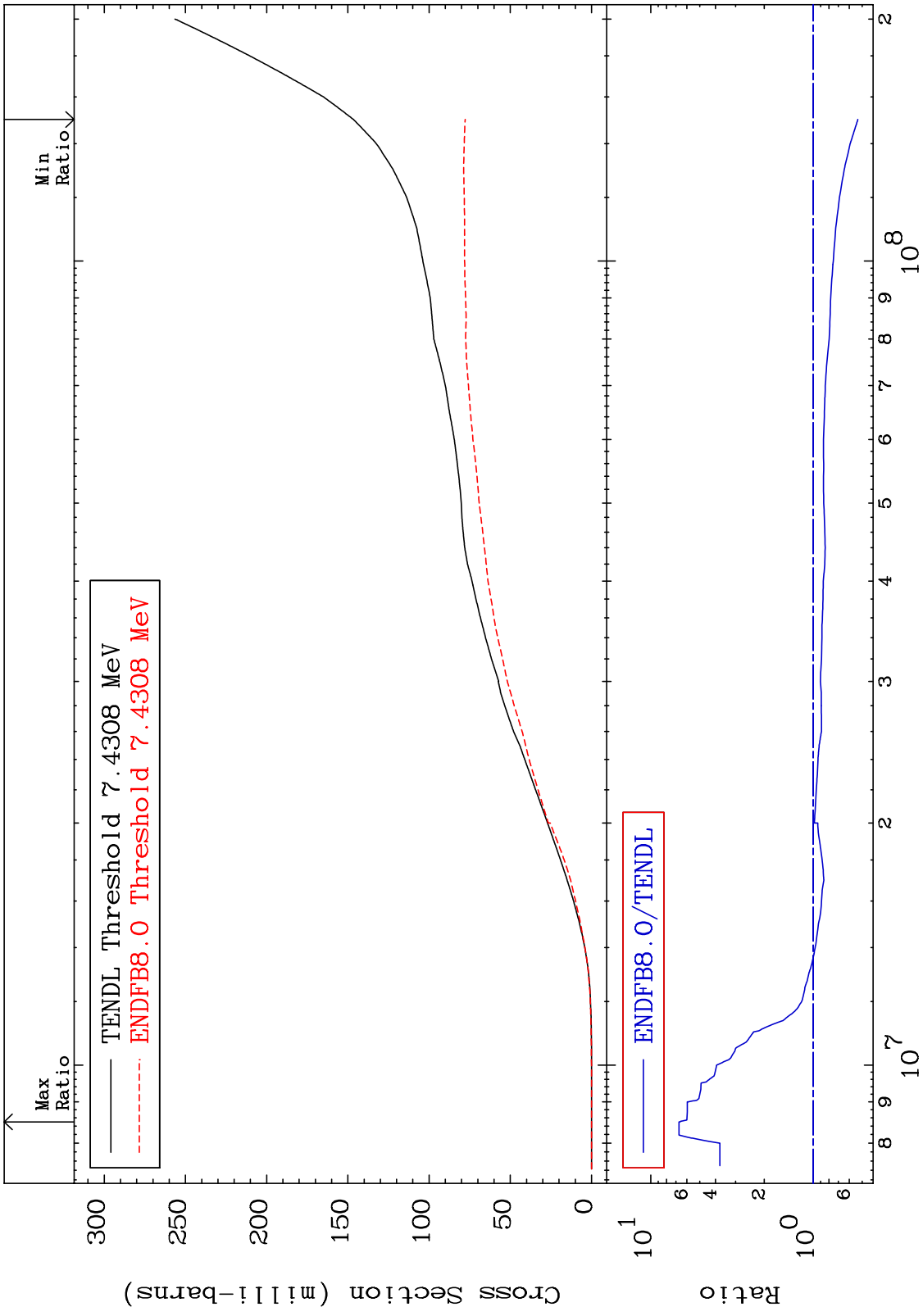
MAT 2831  $(n,p) \alpha$  28-Ni-60  
 Cross Section -100.0 To 869.1 %



44 28-Ni-60 Incident Energy (eV)

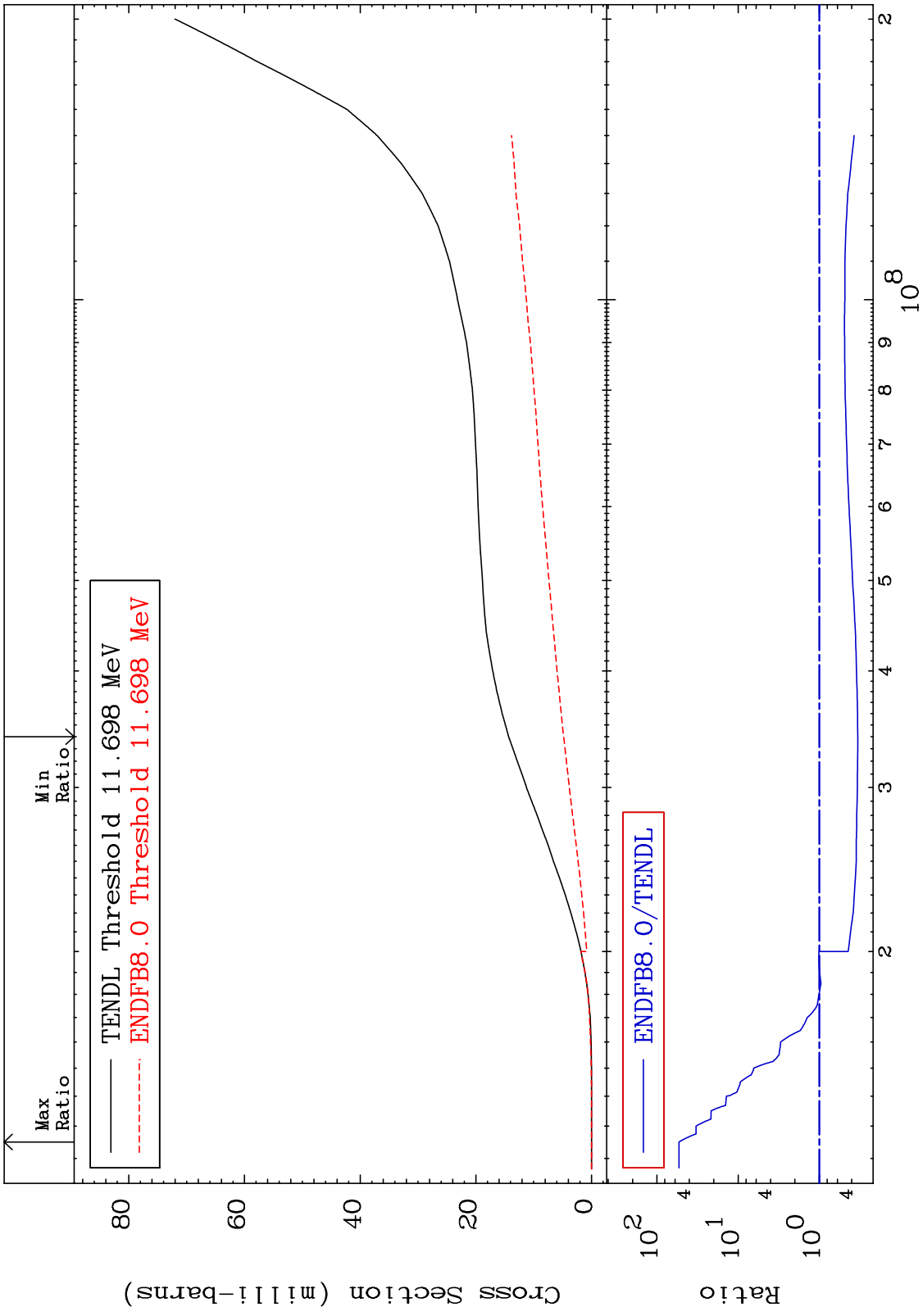


MAT 2831 Deuterium Production Cross Section 28-Ni-60 -46.91 To 569.6 %

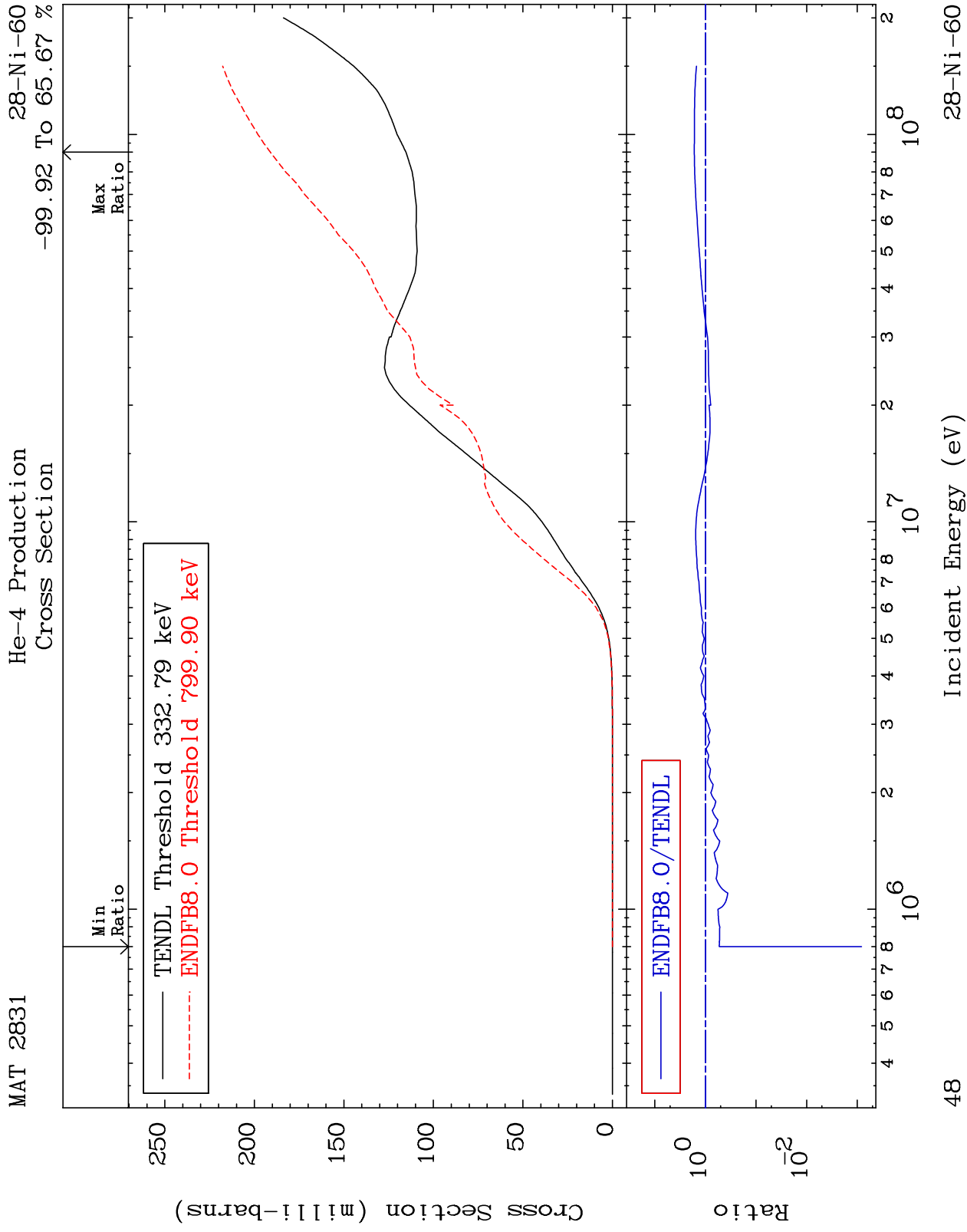


46 28-Ni-60

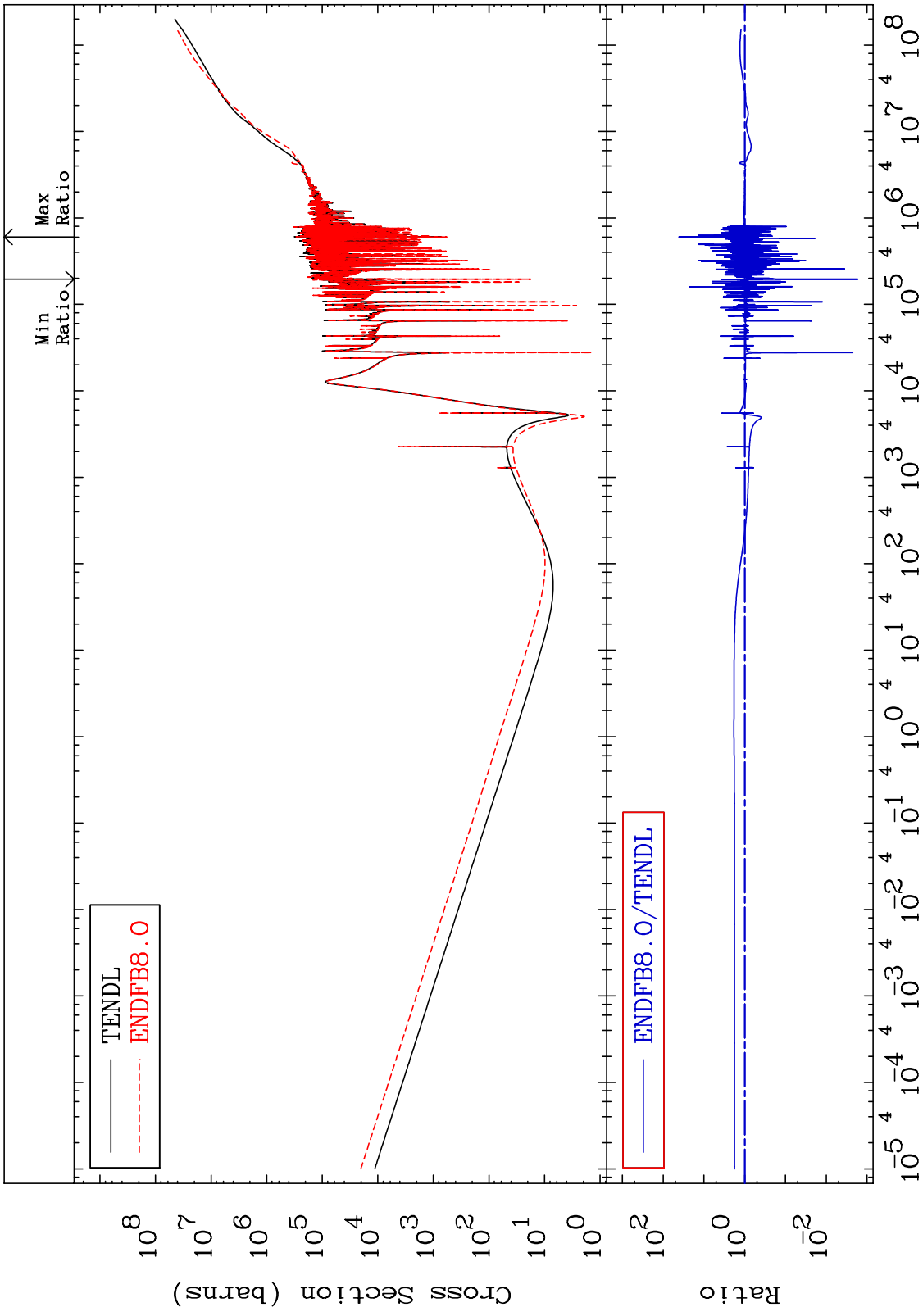
MAT 2831 Tritium Production Cross Section 28-Ni-60 -66.40 To 5249. %







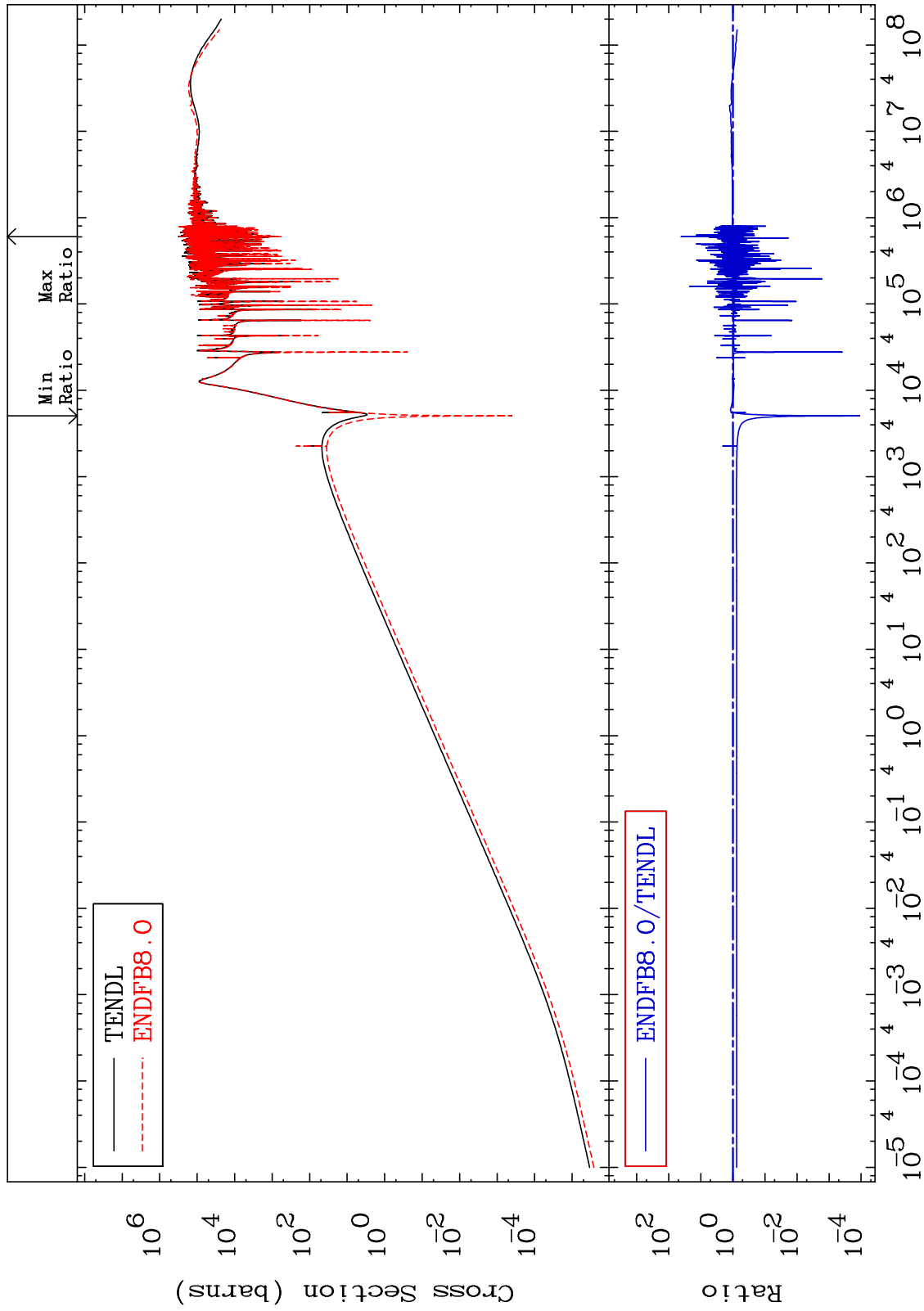
MAT 2831      Kerma total (eV-barns)      Cross Section      28-Ni-60      -99.83 To 3987. %



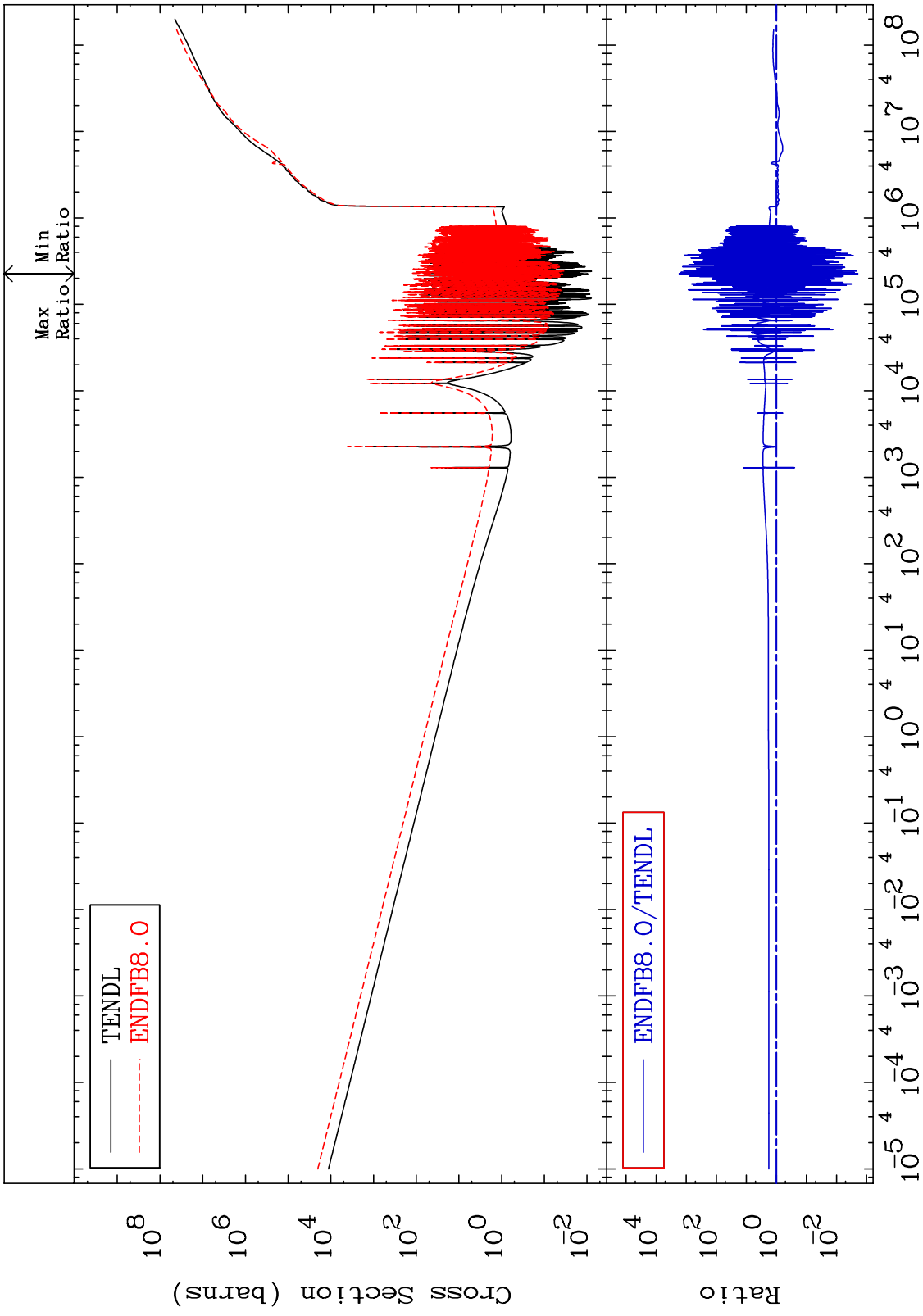
MAT 2831

Kerma elastic  
Cross Section

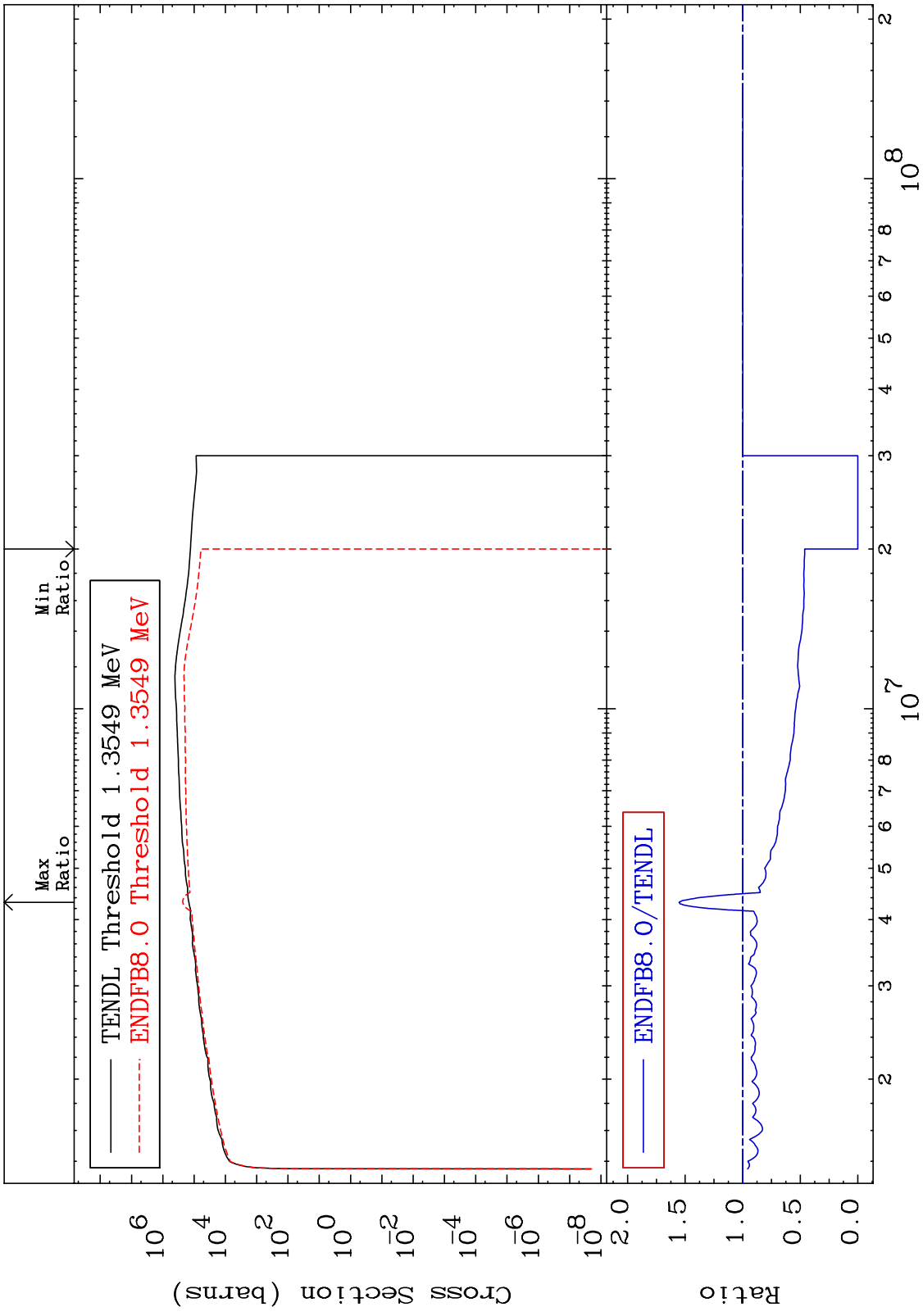
28-Ni-60  
-99.99 To 3986. %



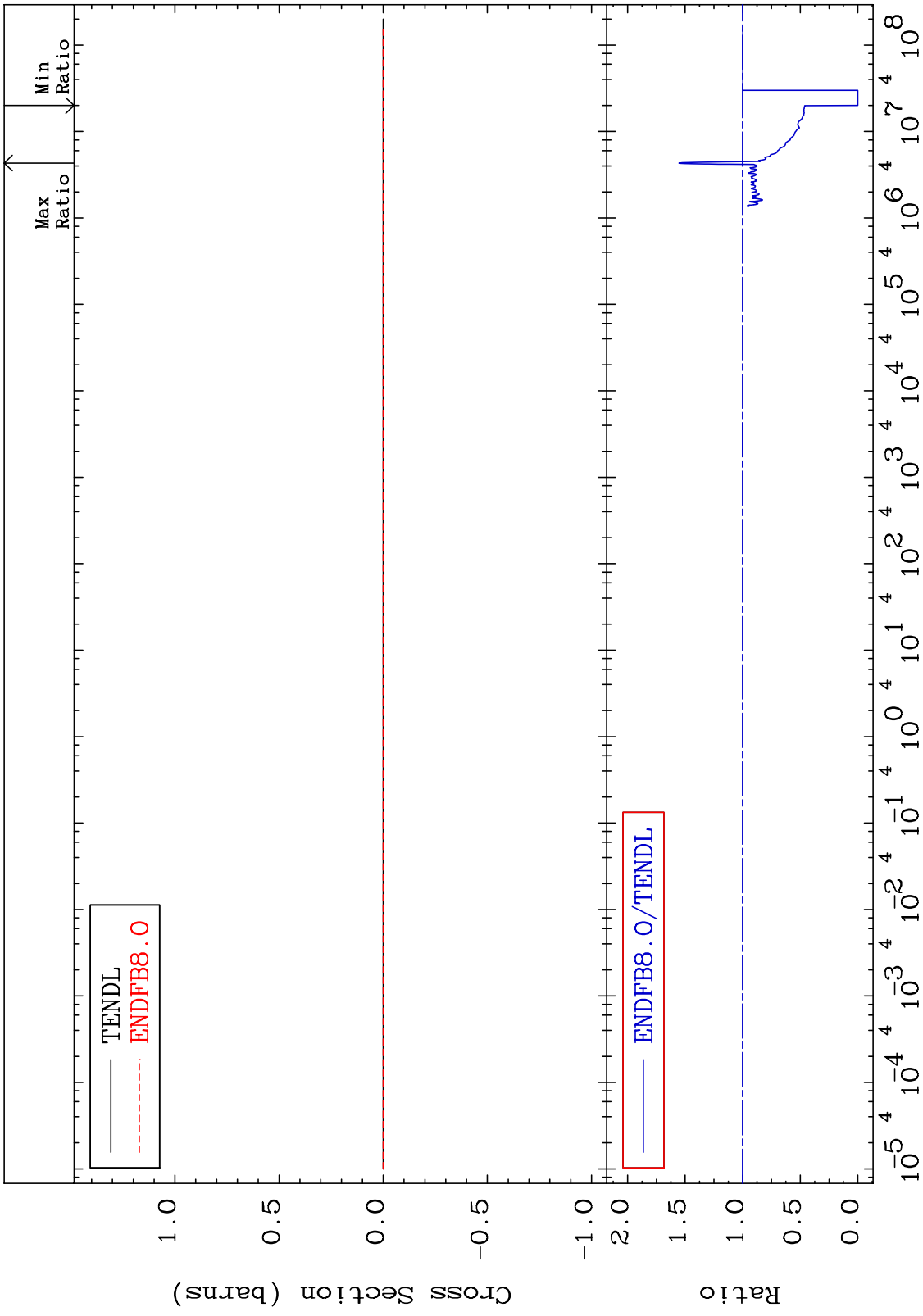
MAT 2831      Kerma non-elastic (all but mt2)      28-Ni-60  
 Cross Section      -99.80 To 9999. %



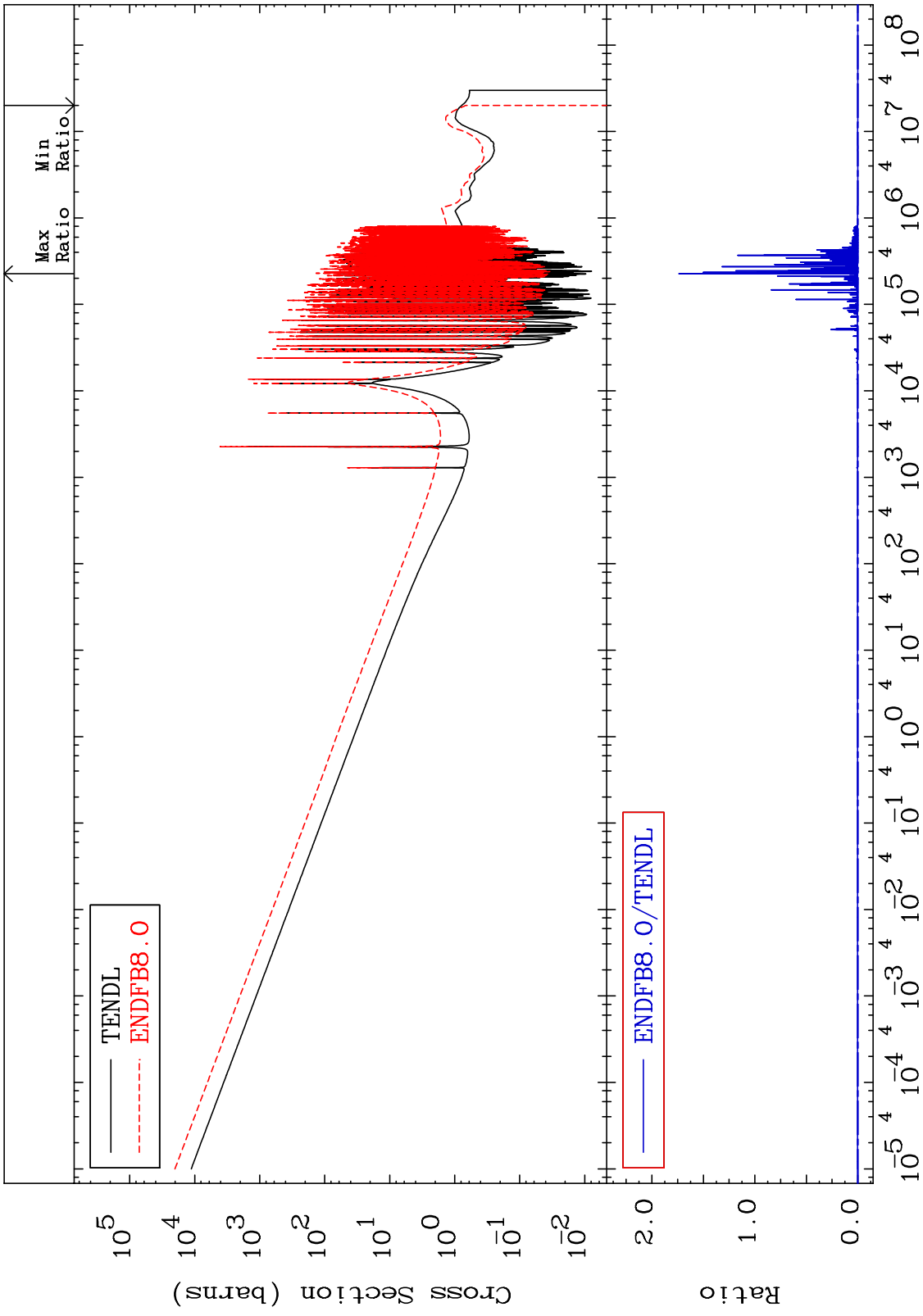
MAT 2831 Kerma inelastic (mt51-91) 28-Ni-60  
 -100.0 To 55.33 %  
 Cross Section



MAT 2831 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-60  
 Cross Section -100.0 To 55.33 %



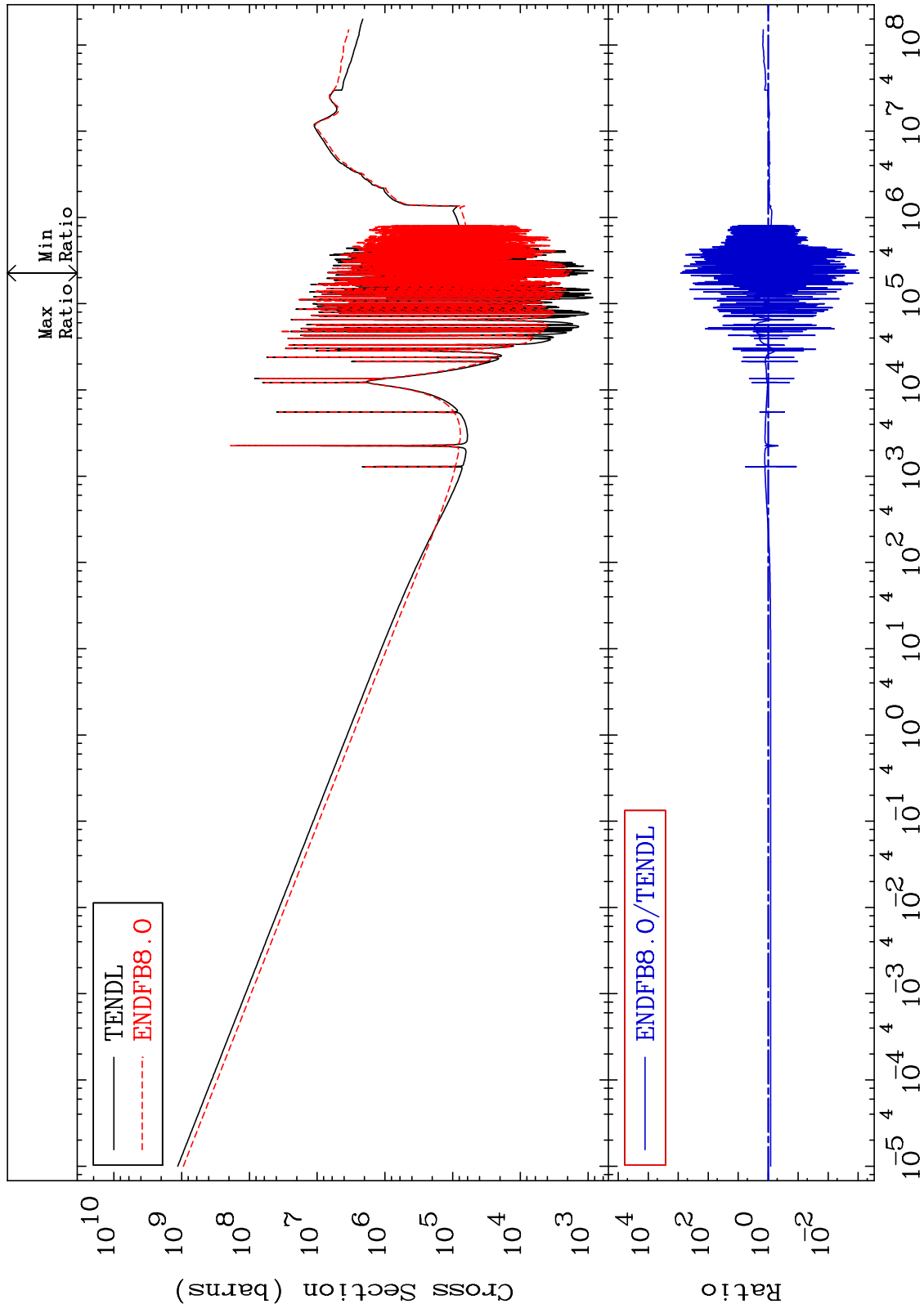
MAT 2831      Kerma capture (mt102)      28-Ni-60  
 Cross Section      -100.0 To 9999. %



MAT 2831

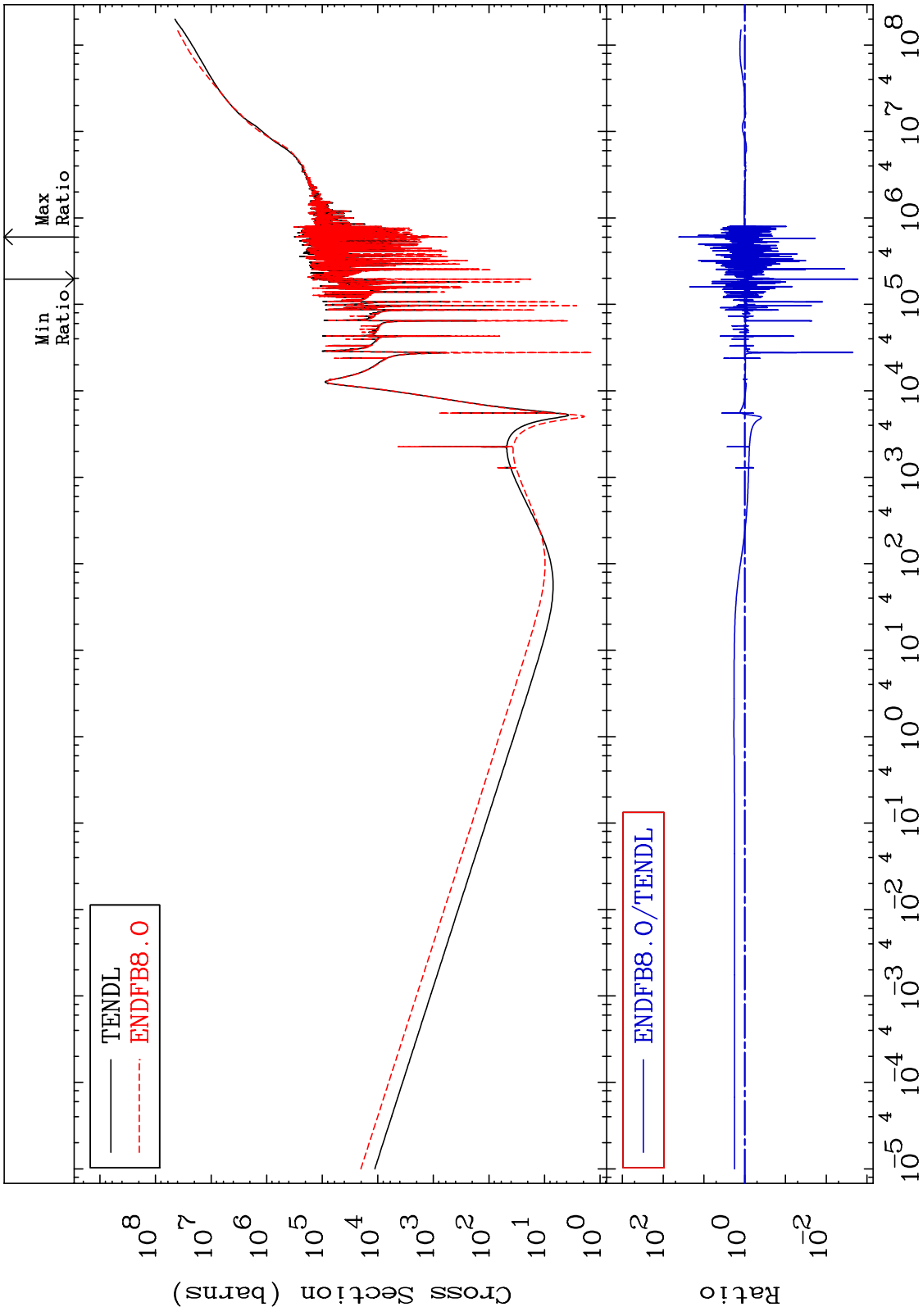
Total photon (eV-barns)  
Cross Section

28-Ni-60  
-99.91 To 9999. %

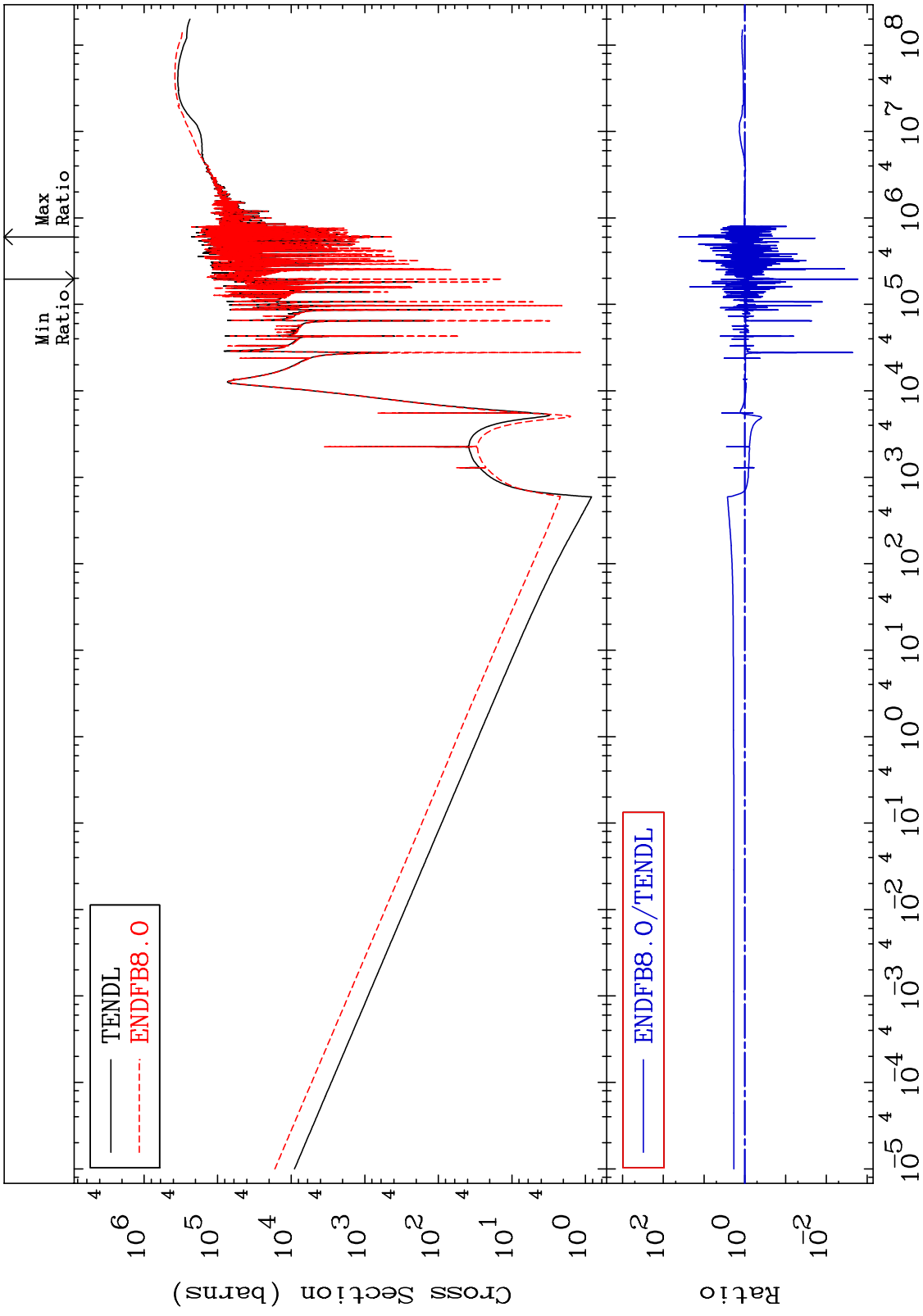




MAT 2831 Total kinematic kerma (high limit) Cross Section 28-Ni-60 -99.83 To 3987. %



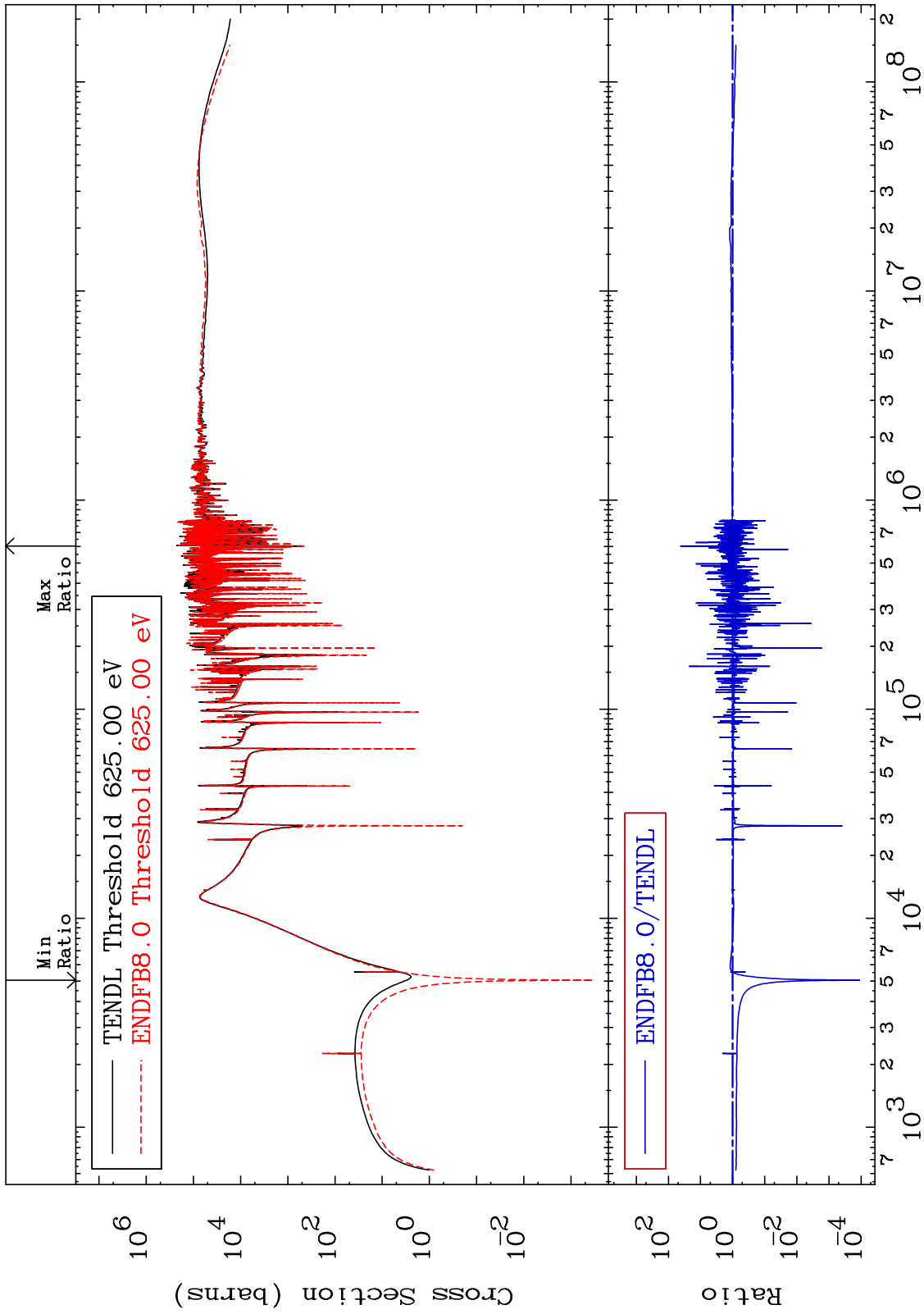
MAT 2831      Dpa total (eV-barns)      28-Ni-60  
 Cross Section      -99.83 To 4015. %



MAT 2831

Dpa elastic (mt2)  
Cross Section

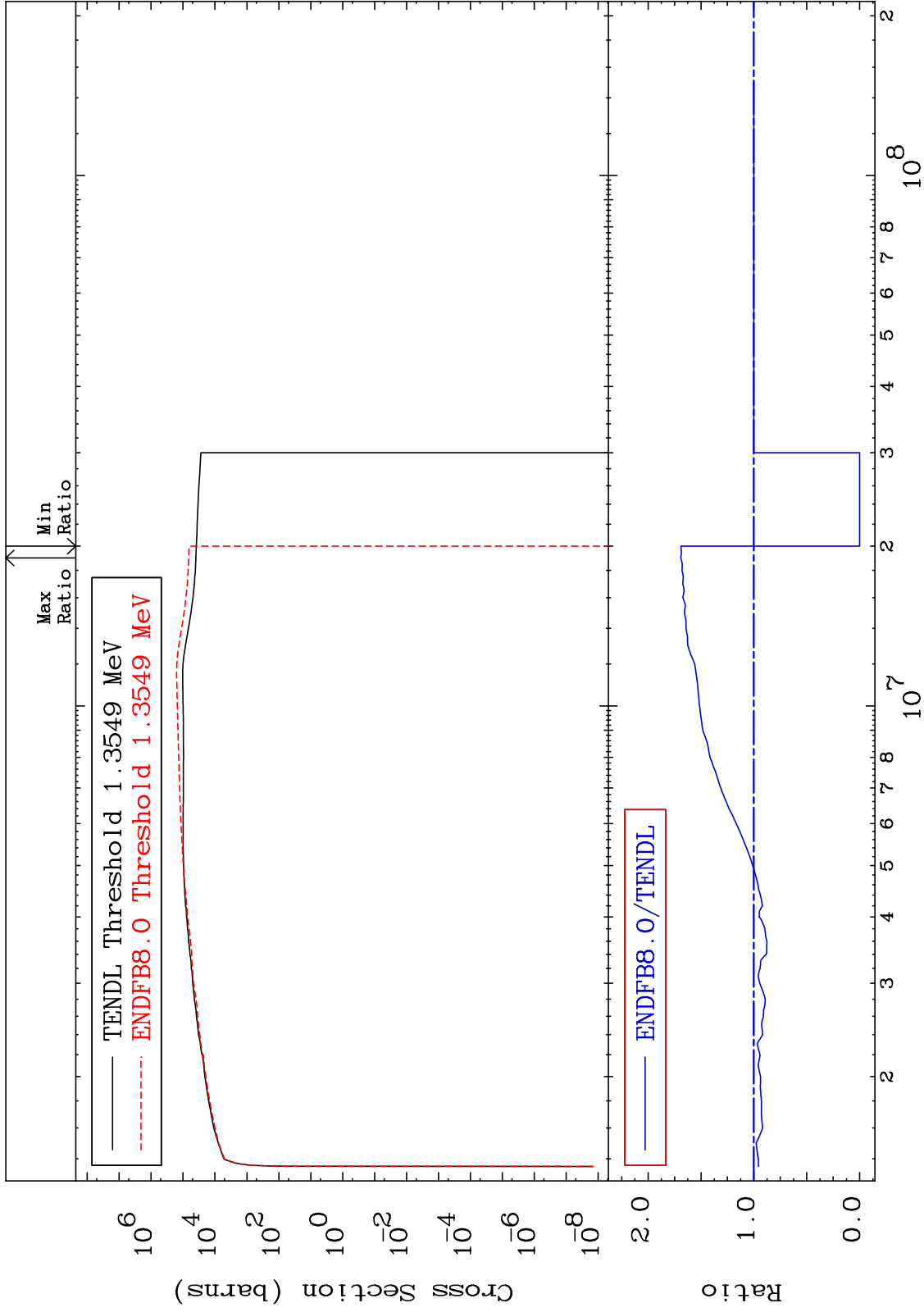
28-Ni-60  
-99.99 To 4015. %



MAT 2831

Dpa inelastic (mt51-91)  
Cross Section

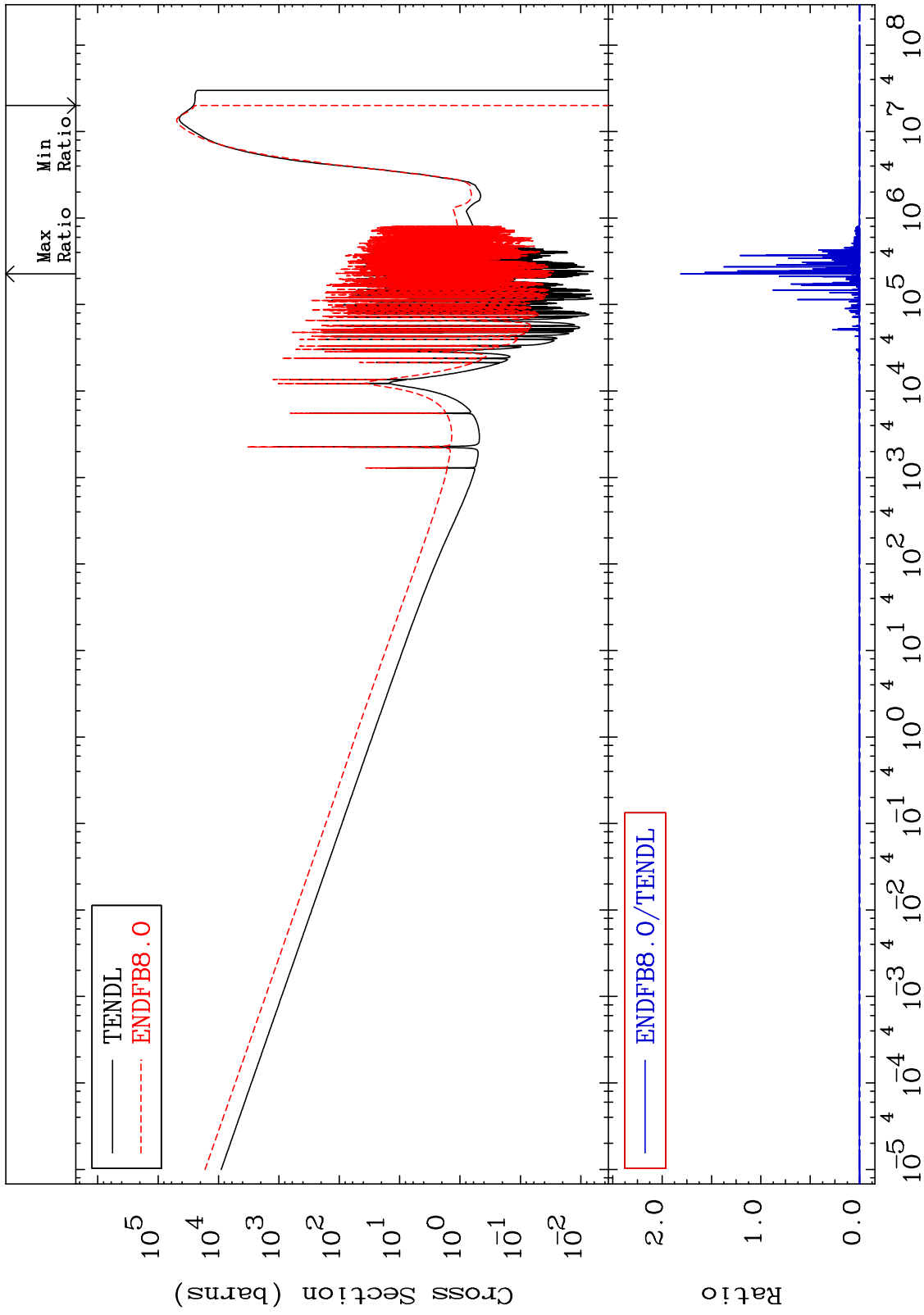
28-Ni-60  
-100.0 To 69.06 %



MAT 2831

Dpa disappearance (mt102 -120)  
Cross Section

28-Ni-60  
-100.0 To 9999. %



60

Incident Energy (eV)

28-Ni-60