

Program Complot  
(Version 2018-1)

by

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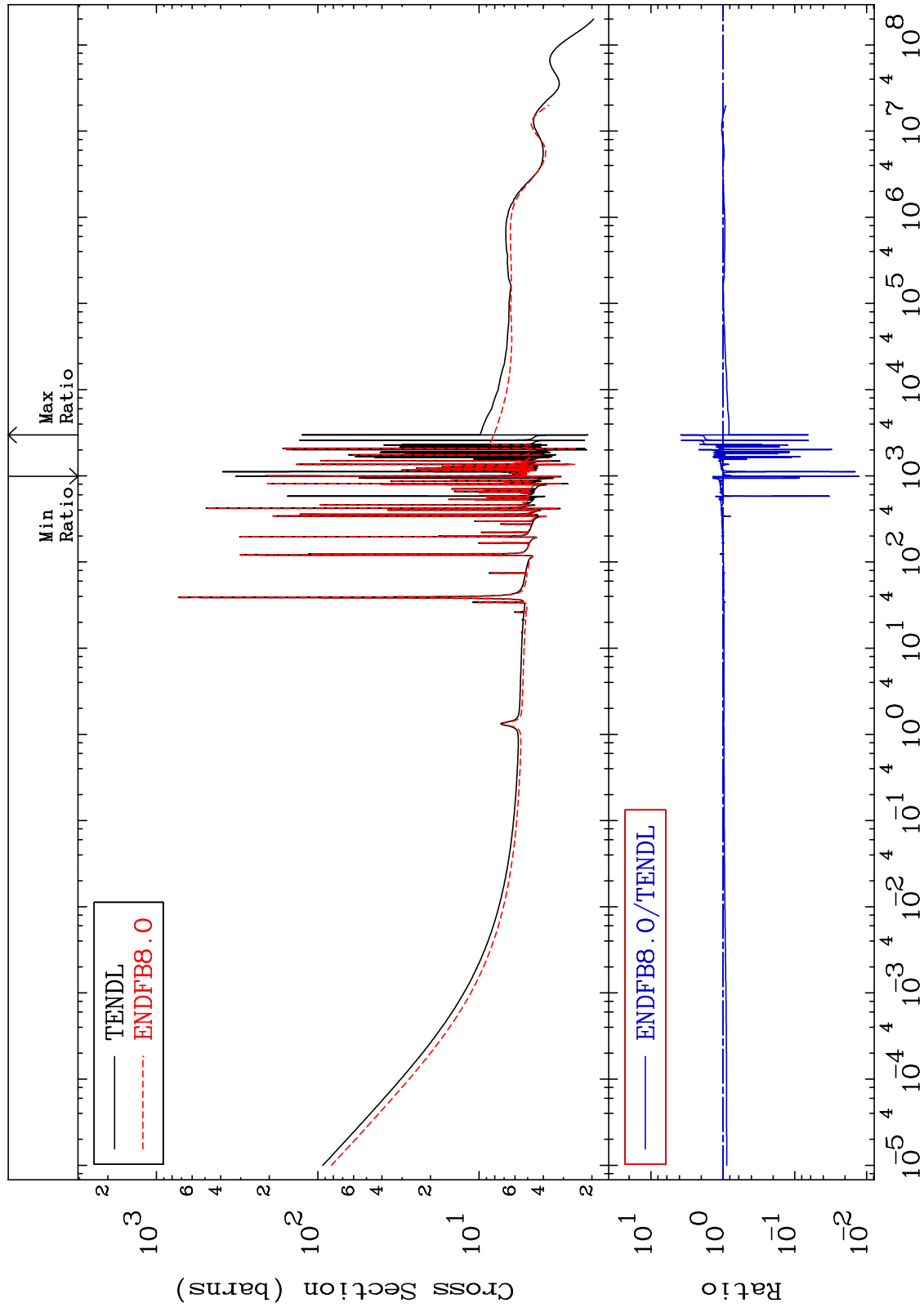
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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

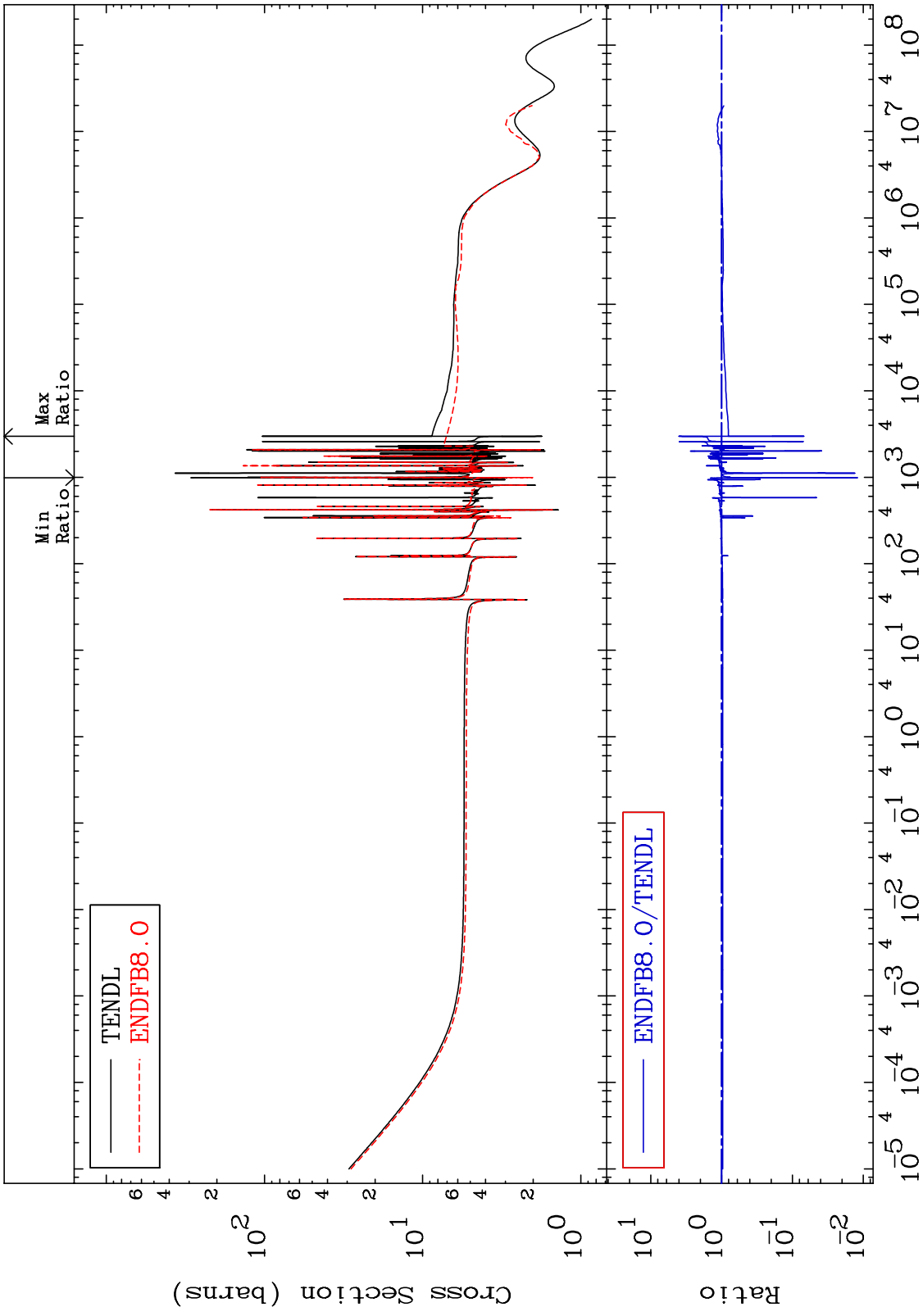
MAT 5040 50-Sn-117 -98.72 To 283.3 %

Total Cross Section



Incident Energy (eV) 50-Sn-117

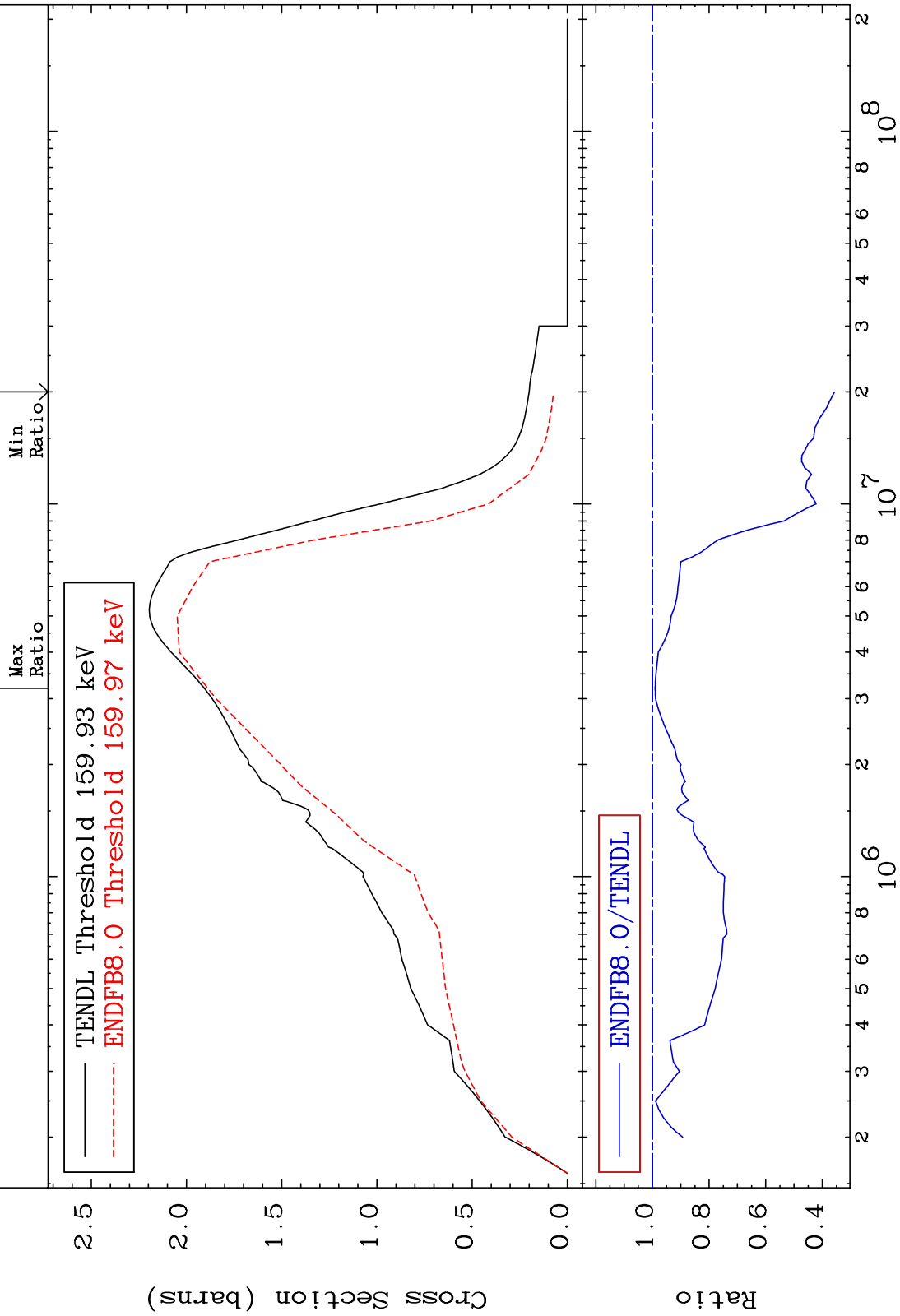
MAT 5040 Elastic Cross Section 50-Sn-117 -98.81 To 300.0 %



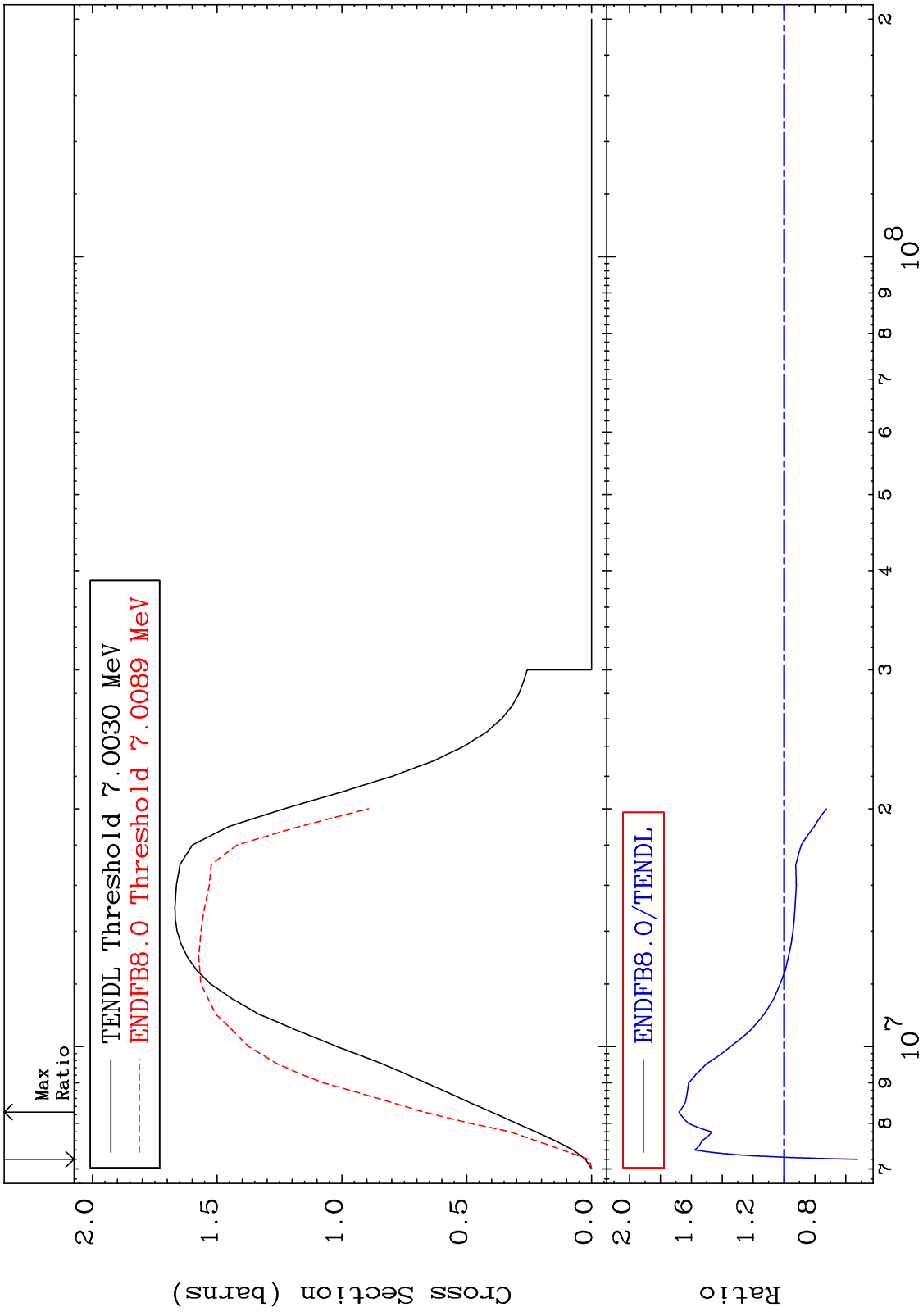
2 50-Sn-117

MAT 5040 50-Sn-117 -64.32 To -0.961%

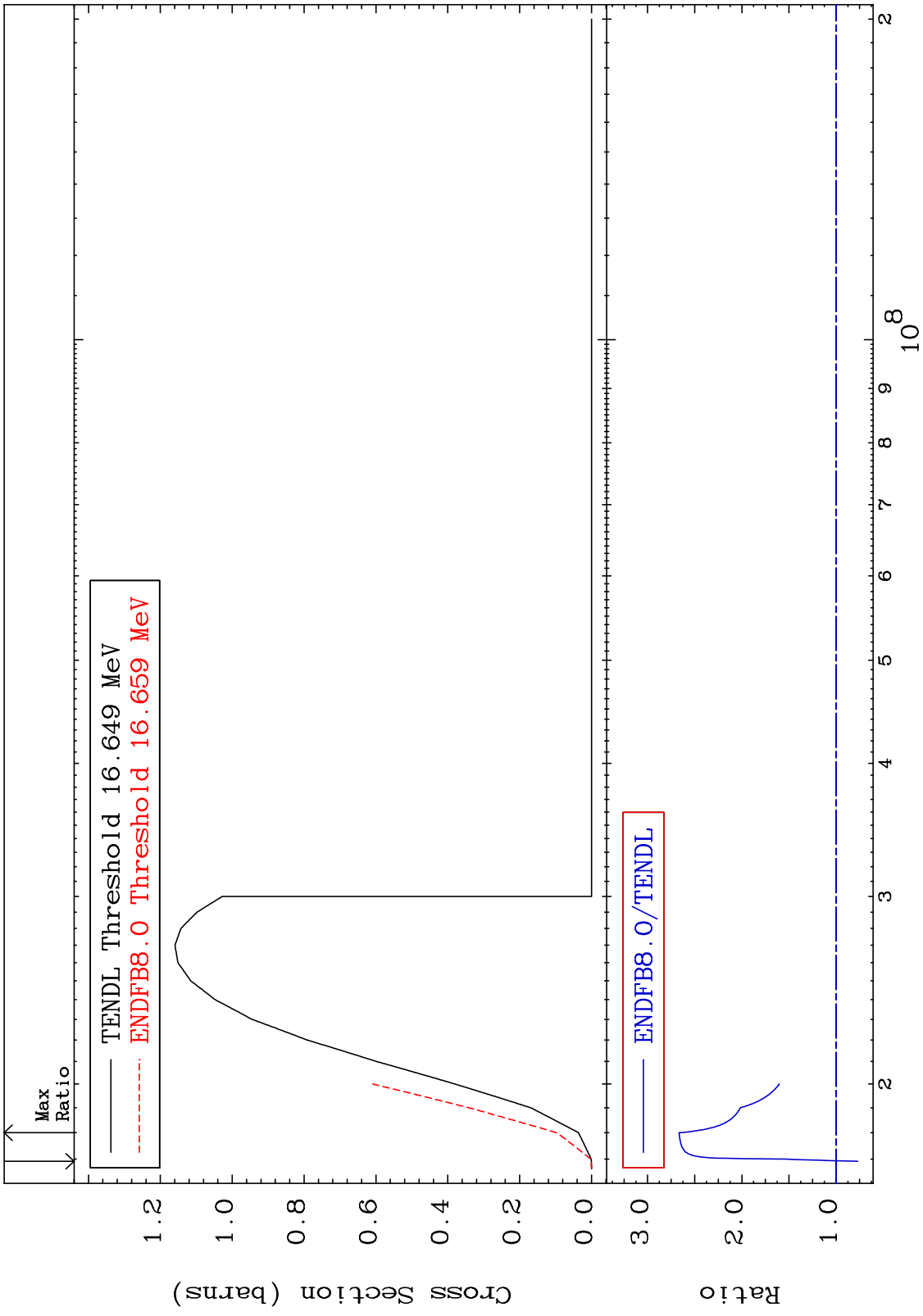
Inelastic Cross Section



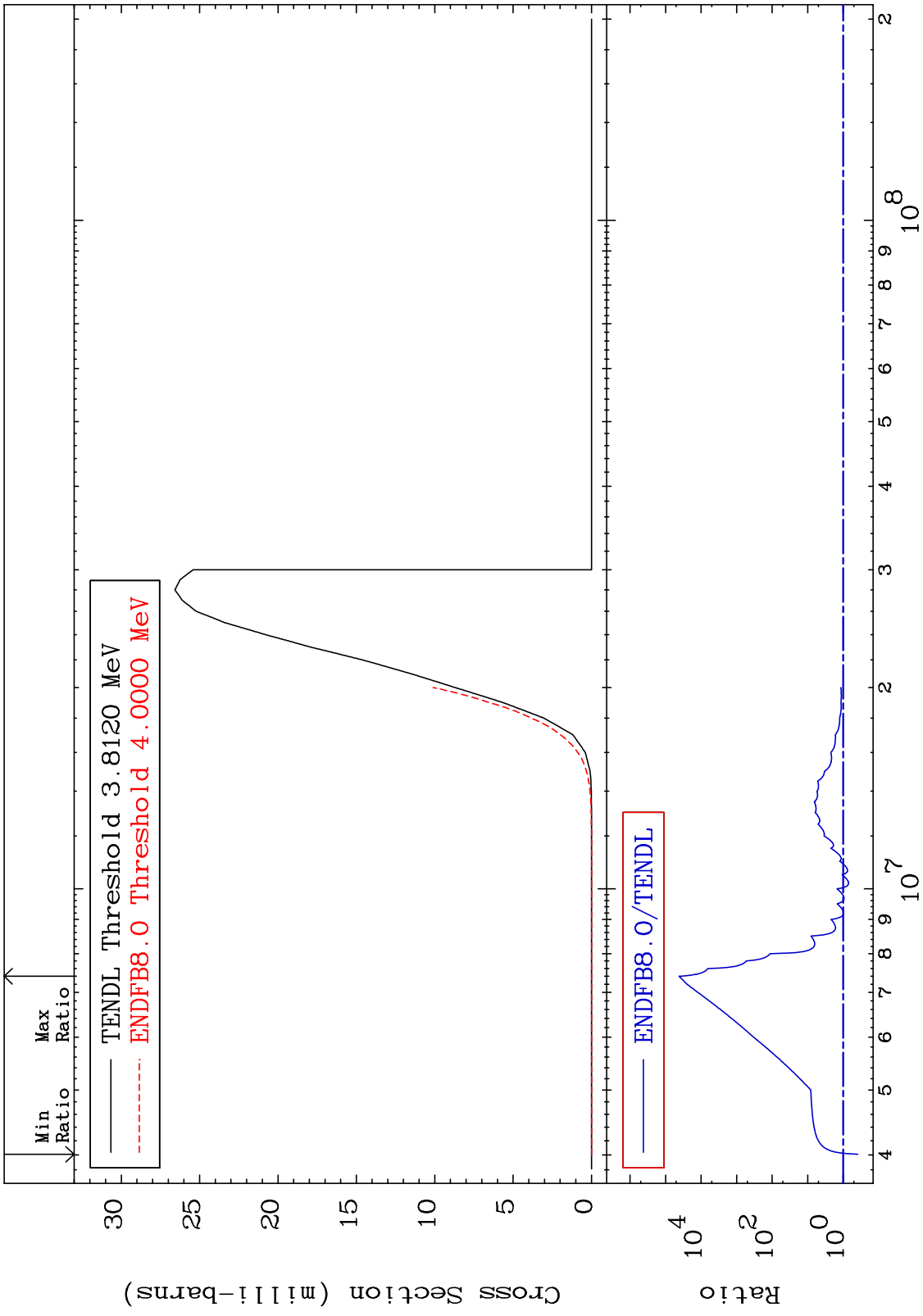
MAT 5040 (n,2n) Cross Section 50-Sn-117 -47.78 To 67.96 %



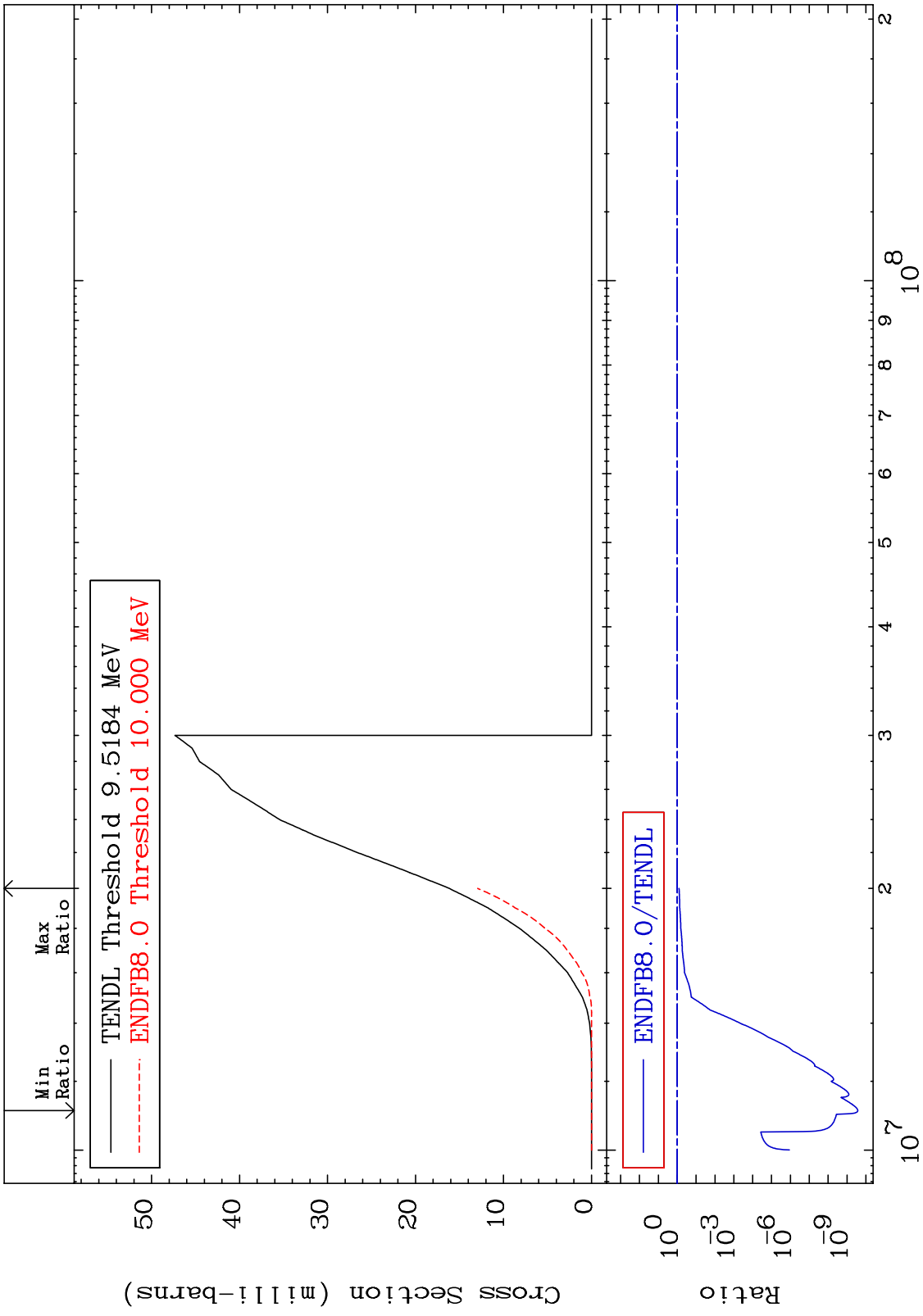
MAT 5040 (n,3n) Cross Section 50-Sn-117 -23.08 To 166.6 %



MAT 5040  $(n, n') \alpha$  50-Sn-117  
 Cross Section -61.28 To 9999. %



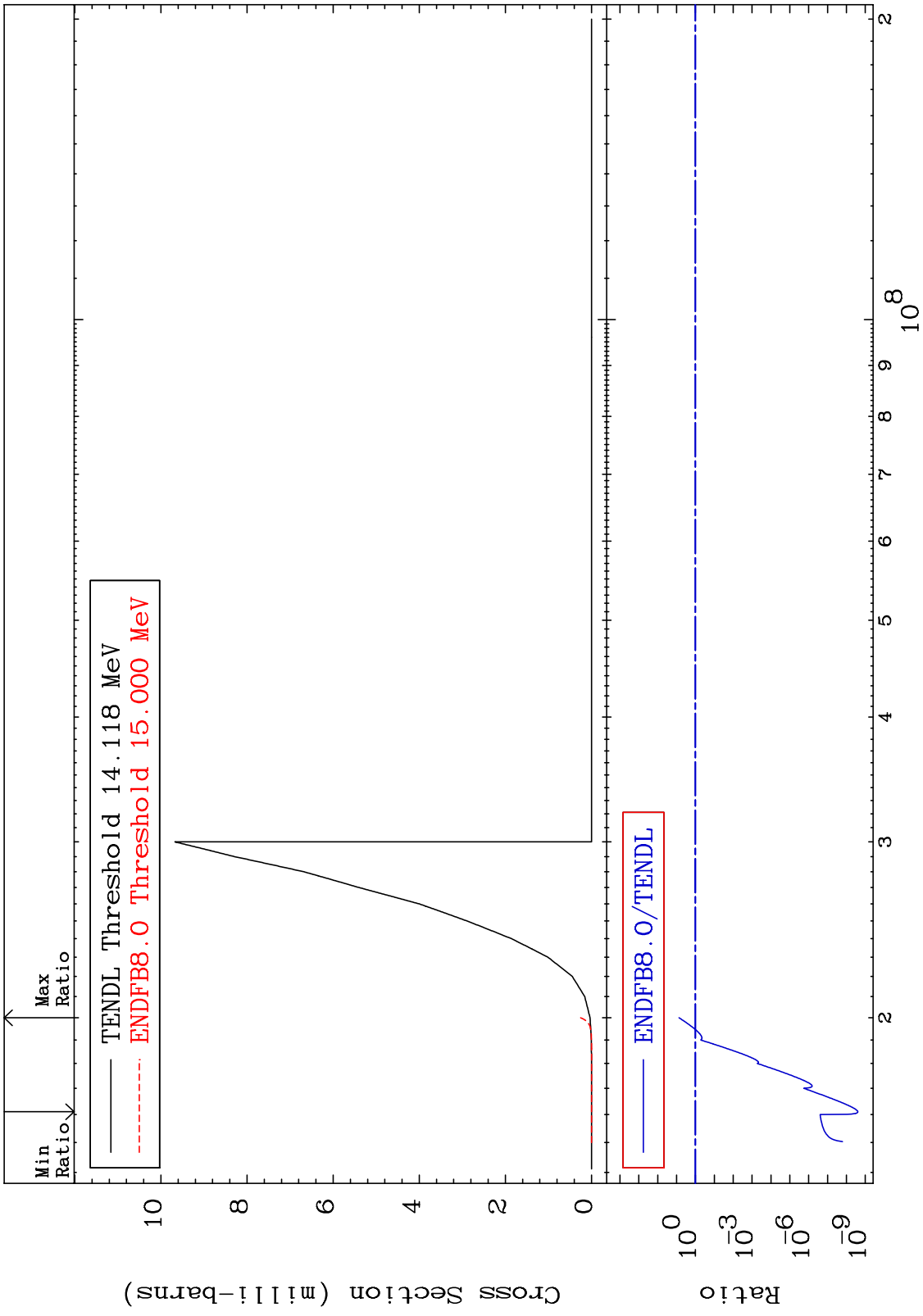
MAT 5040  $(n, n')$  p 50-Sn-117 -100.0 To -19.92%  
 Cross Section



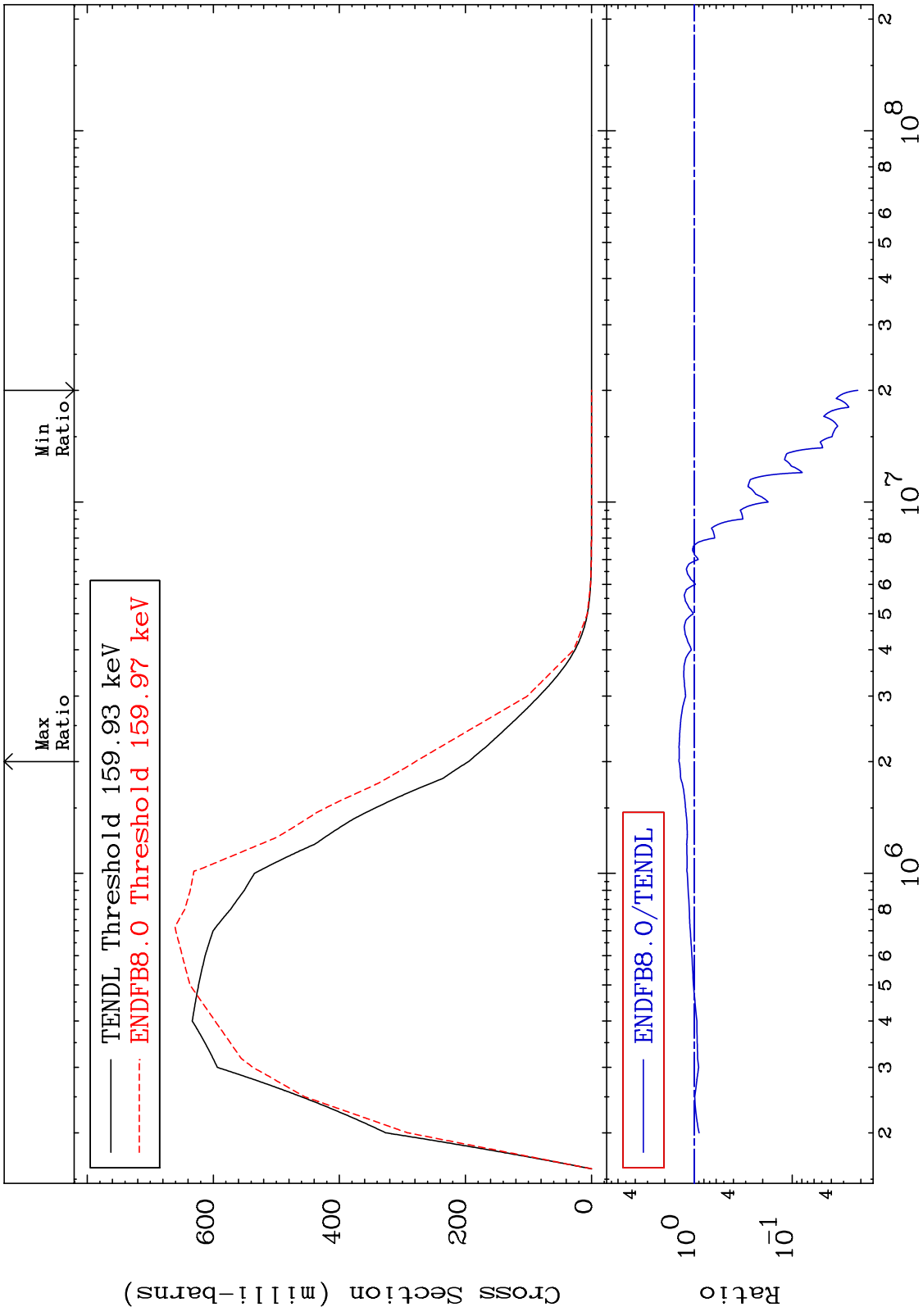
Incident Energy (eV) 50-Sn-117



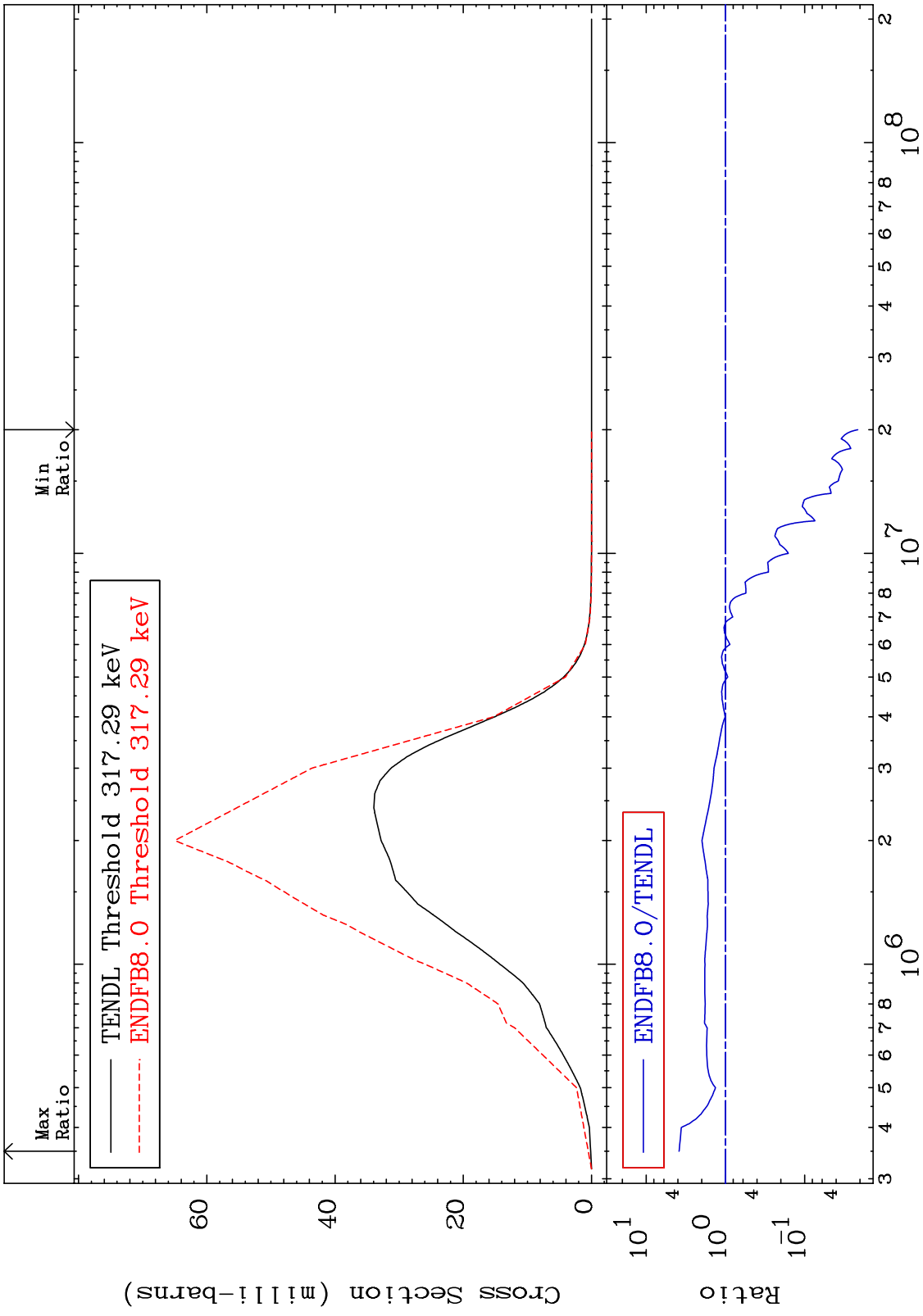
MAT 5040 (n,n') d 50-Sn-117  
 Cross Section -100.0 To 640.6 %



MAT 5040 MT= 51 (n,n') Level Cross Section 50-Sn-117 -97.86 To 43.19 %

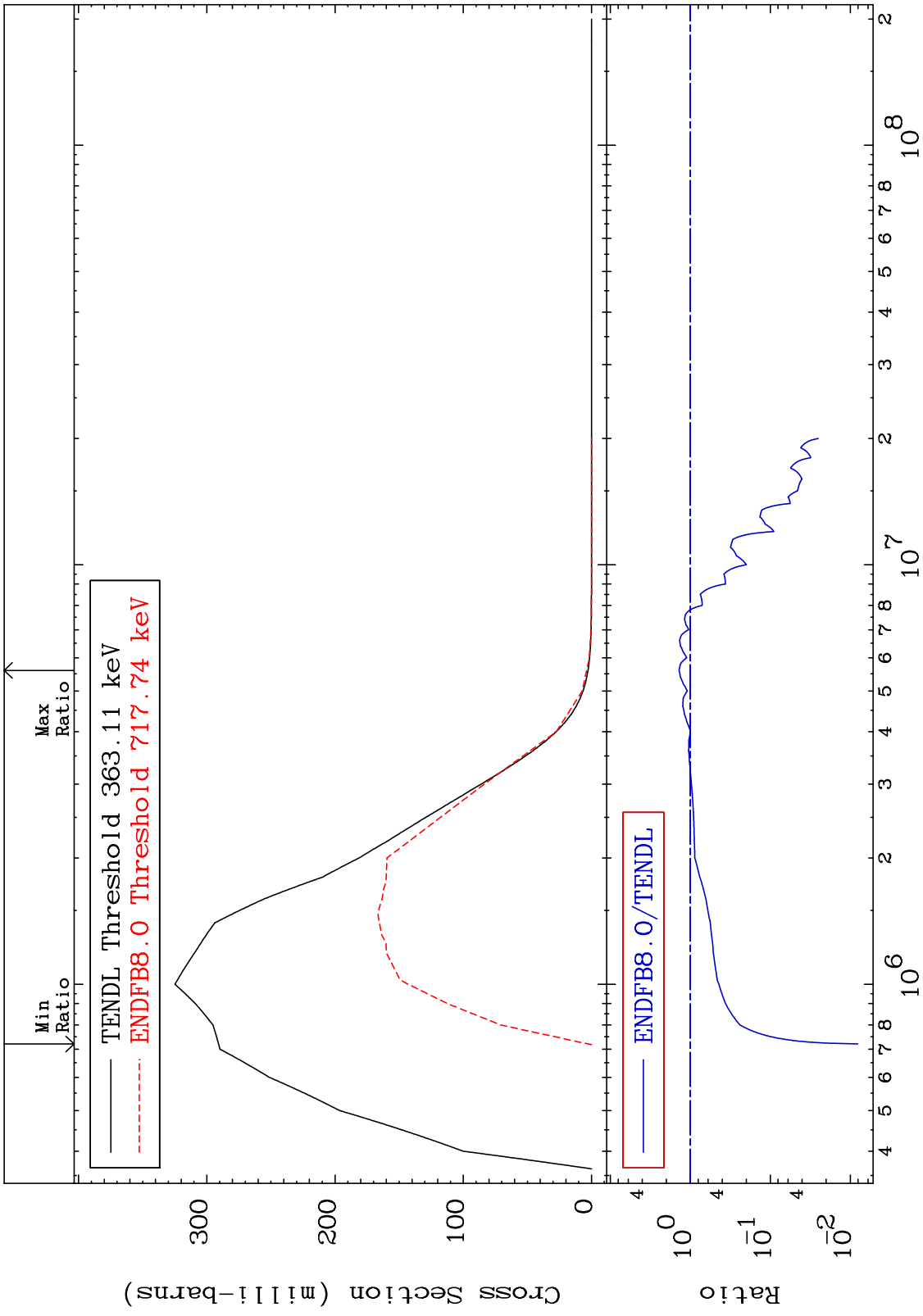


MAT 5040 MT= 52 (n,n') Level Cross Section 50-Sn-117 -97.87 To 285.6 %

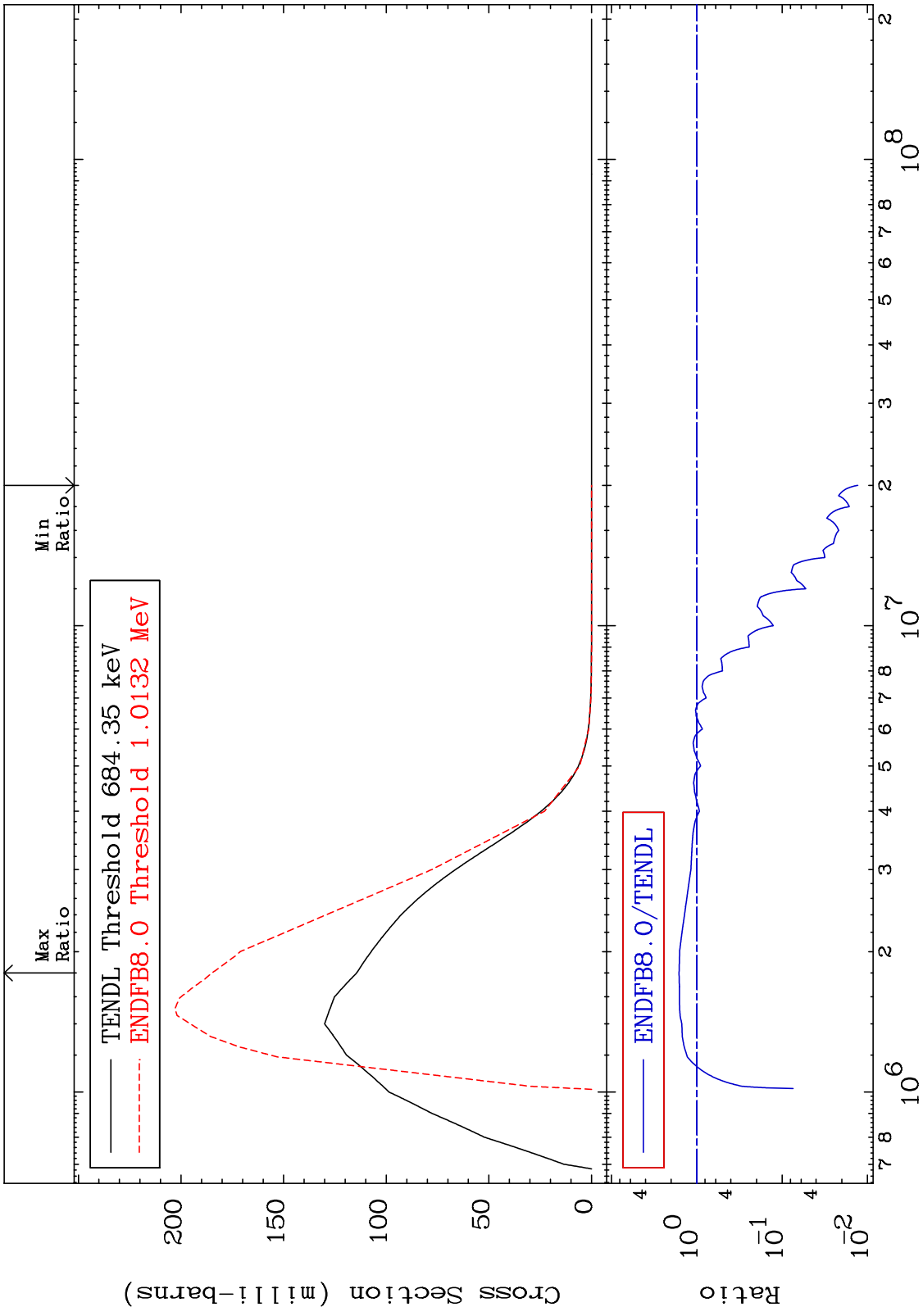


10 Incident Energy (eV) 50-Sn-117

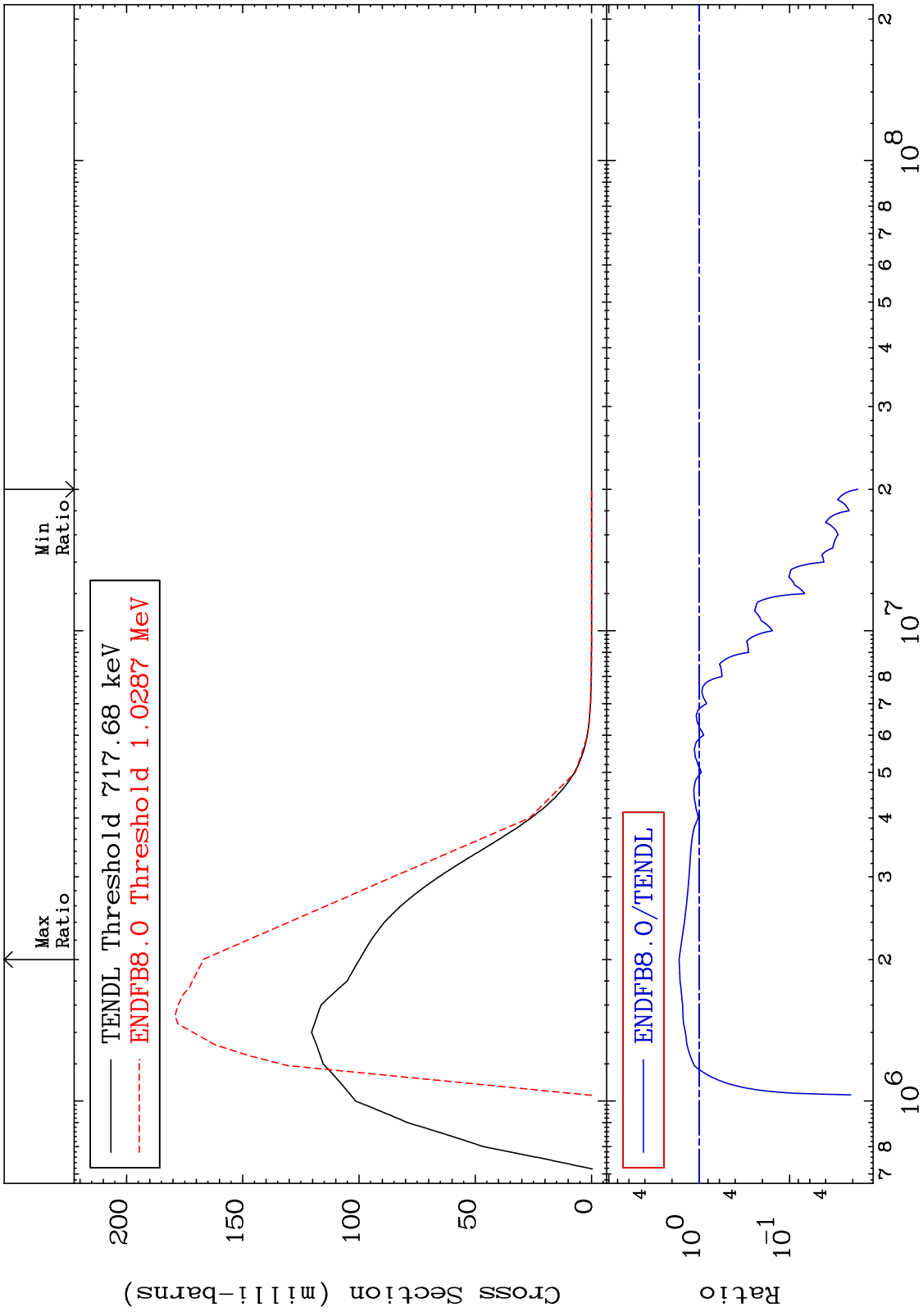
MAT 5040 MT= 53 (n,n') Level Cross Section 50-Sn-117  
 -99.20 To 38.55 %



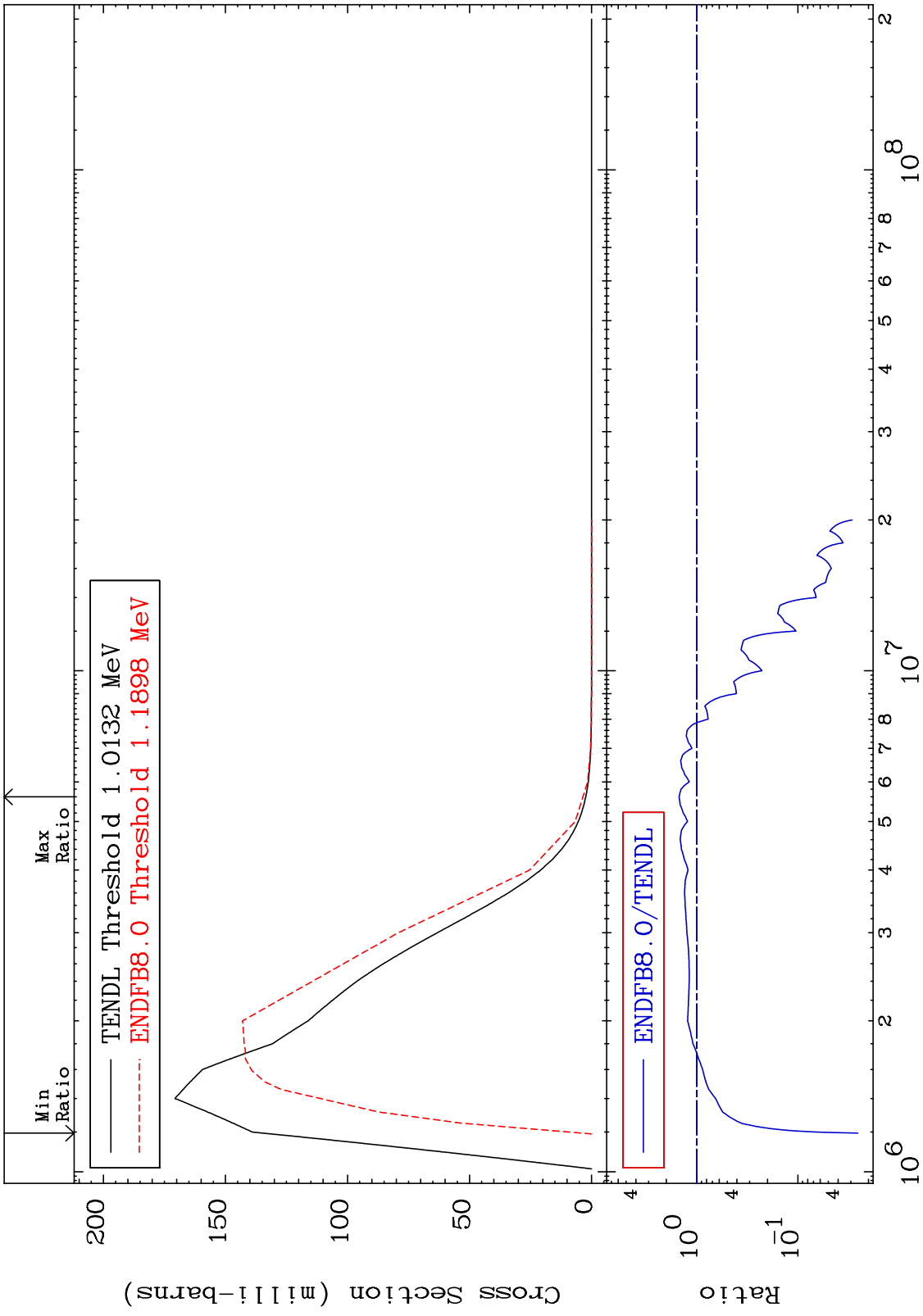
MAT 5040 MT= 54 (n,n') Level Cross Section 50-Sn-117  
 -98.70 To 61.56 %



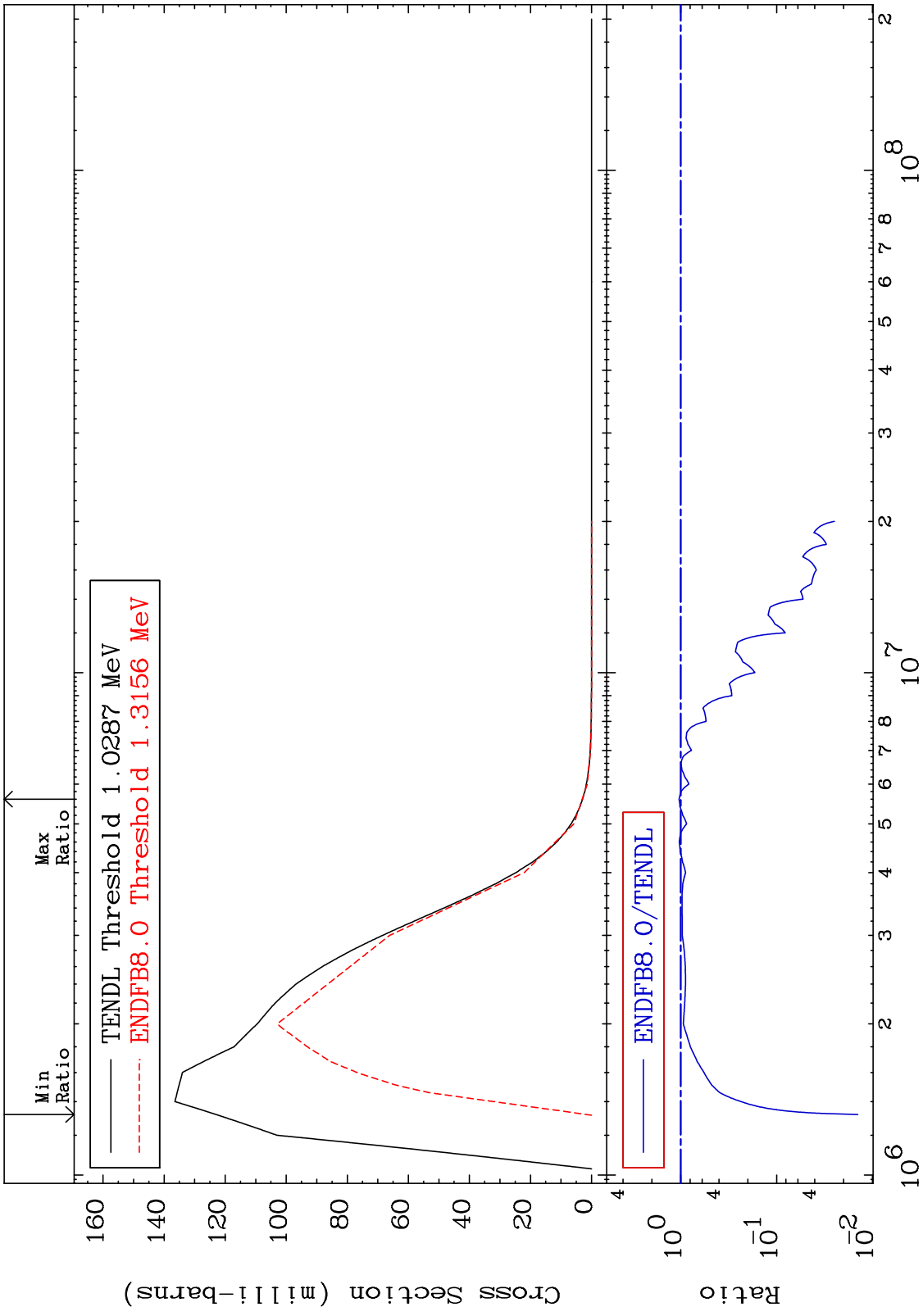
MAT 5040 MT= 55 (n,n') Level Cross Section 50-Sn-117 -98.24 To 67.46 %



MAT 5040 MT= 56 (n,n') Level Cross Section 50-Sn-117 -97.45 To 49.76 %



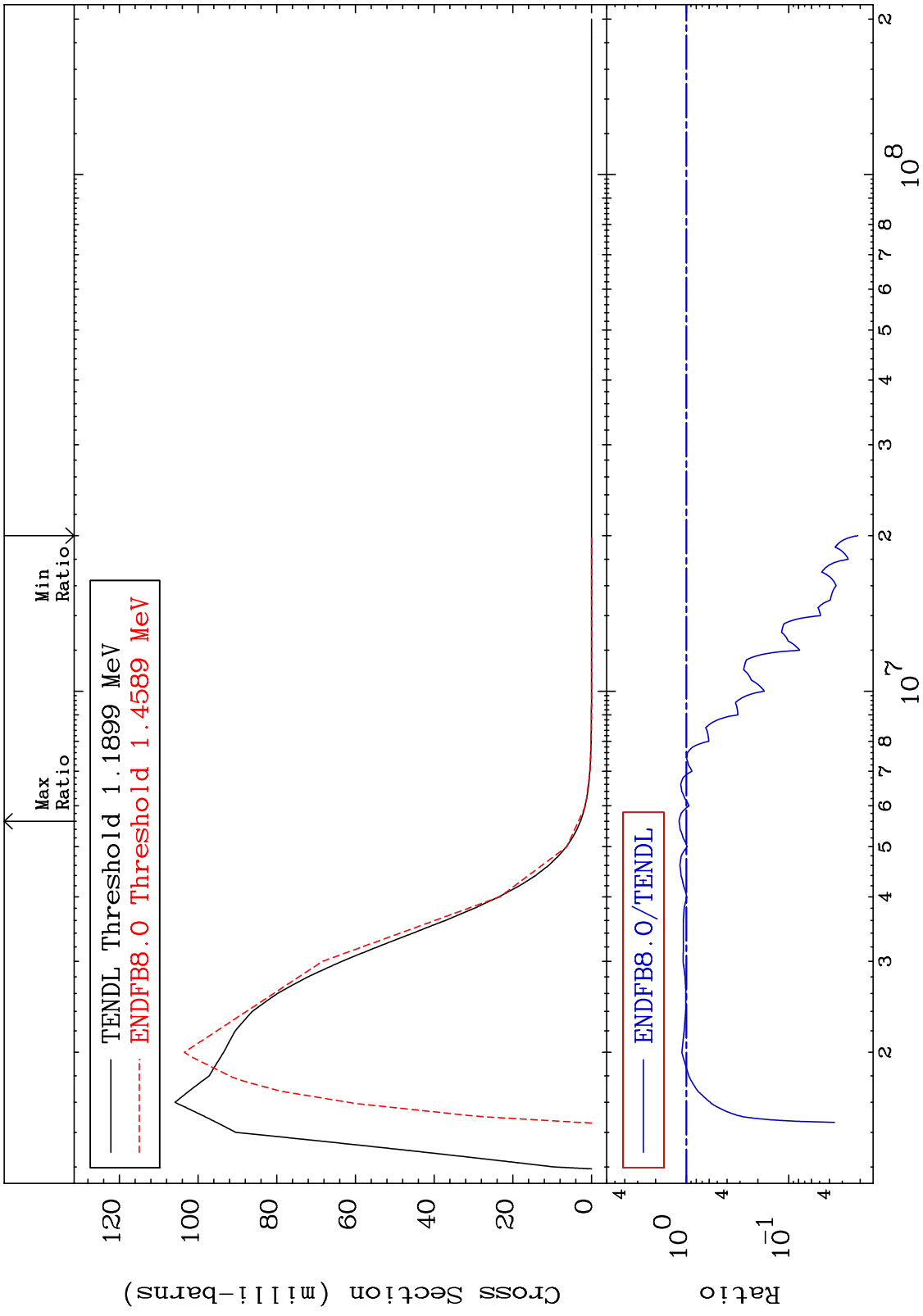
MAT 5040 MT= 57 (n,n') Level Cross Section 50-Sn-117 -98.58 To 4.241 %



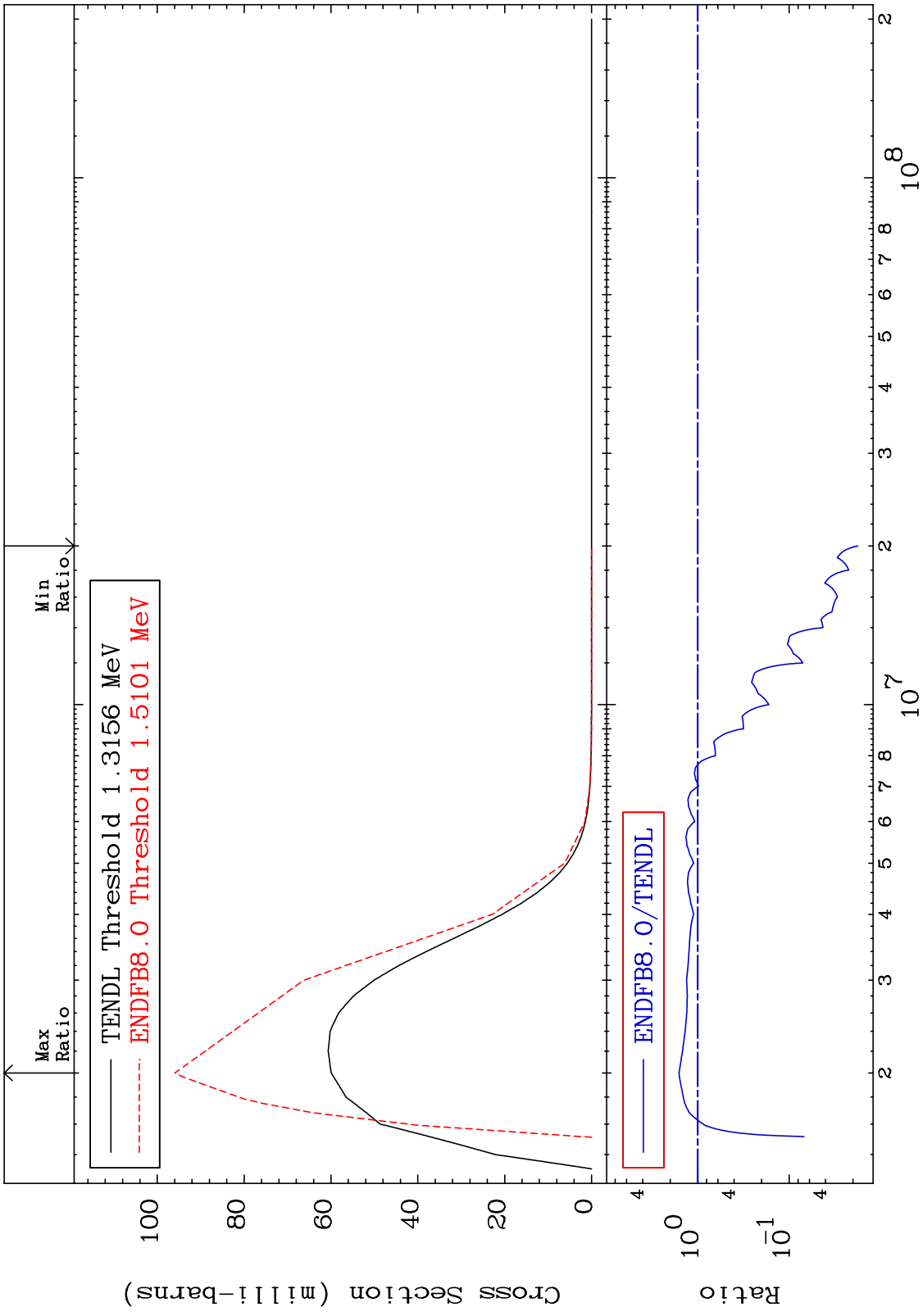
Incident Energy (eV) 50-Sn-117



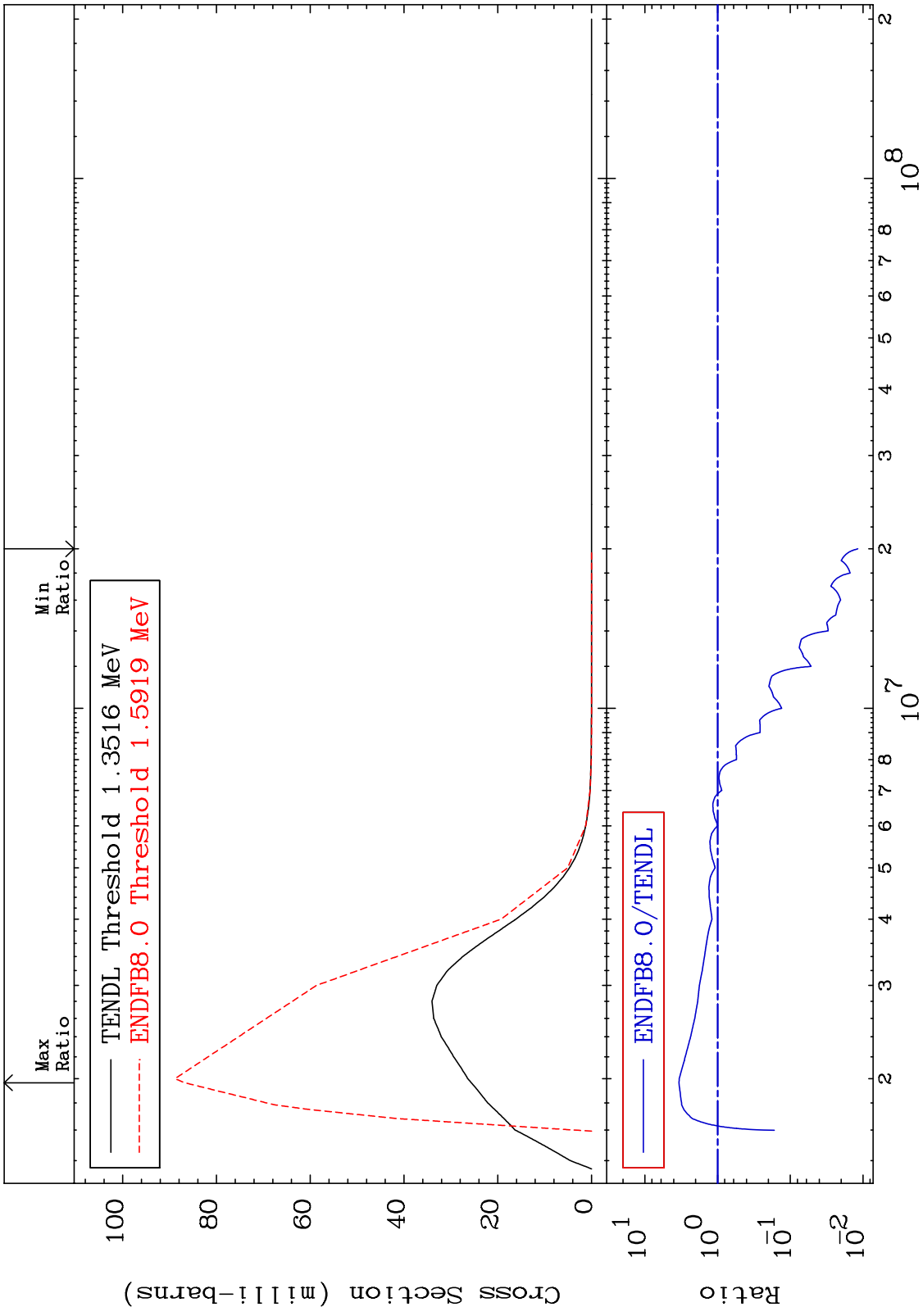
MAT 5040 MT= 58 (n,n') Level Cross Section 50-Sn-117 -97.89 To 17.97 %



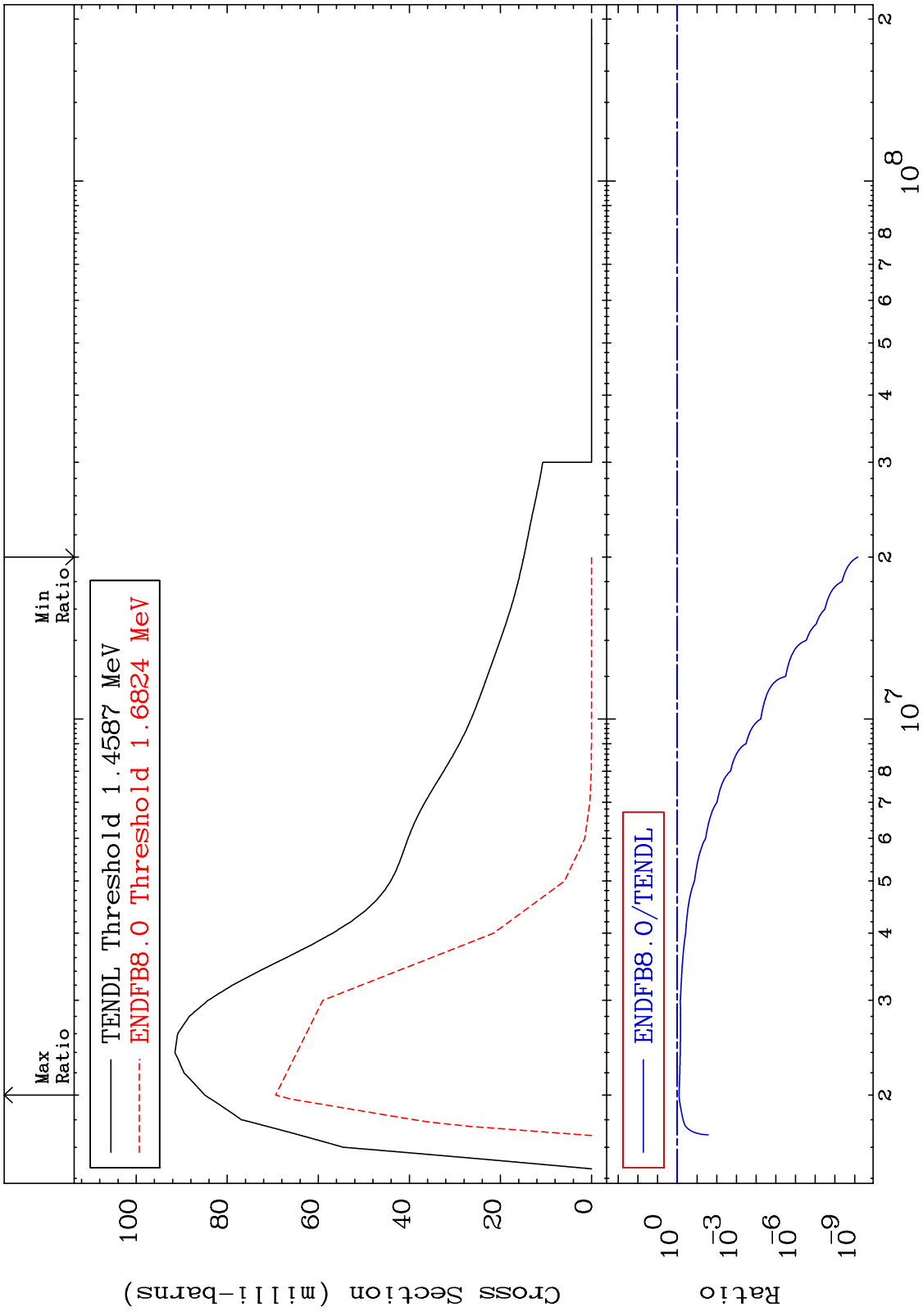
MAT 5040 MT= 59 (n,n') Level Cross Section 50-Sn-117 -98.23 To 59.98 %



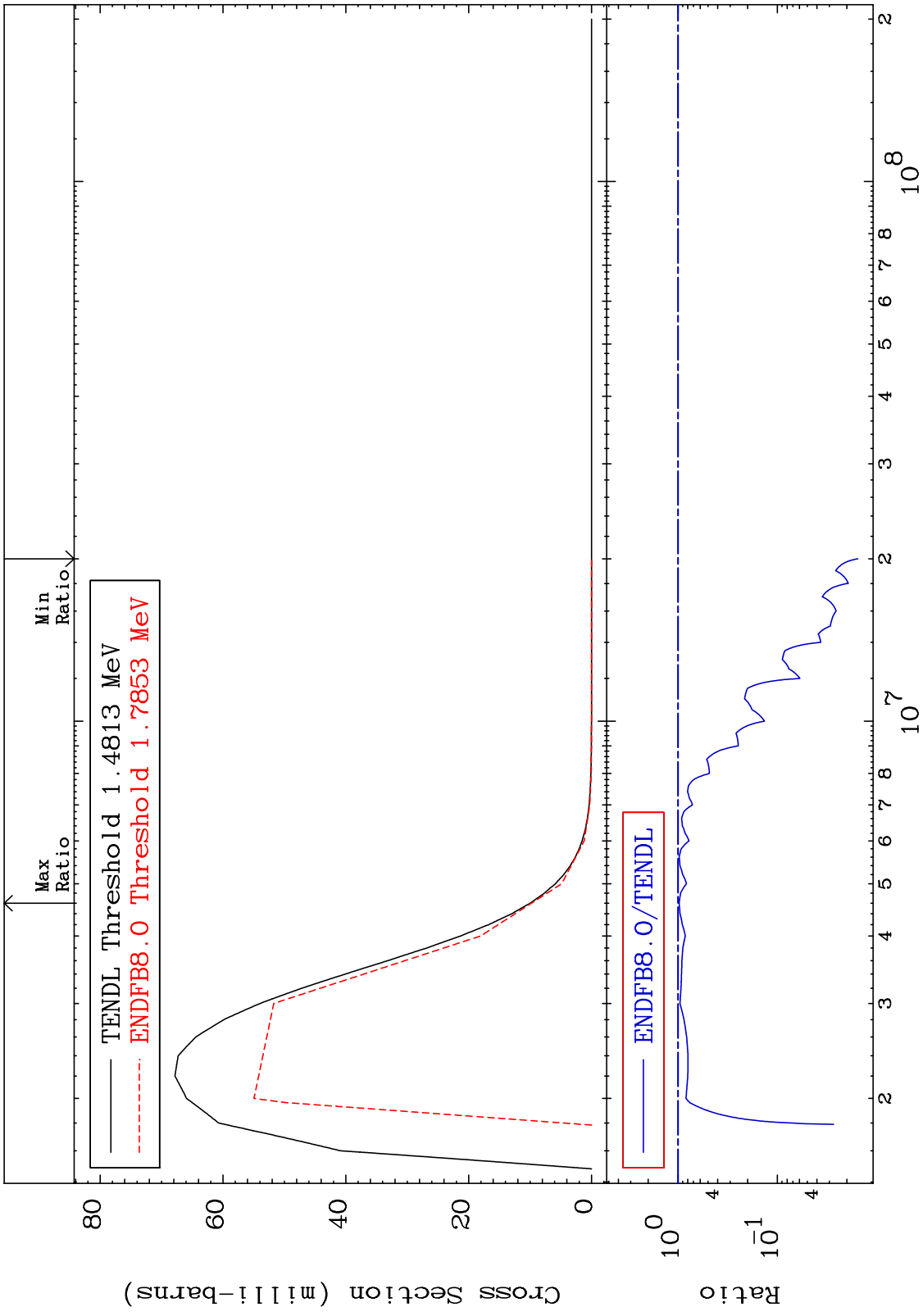
MAT 5040 MT= 60 (n,n') Level Cross Section 50-Sn-117 -98.82 To 238.6 %



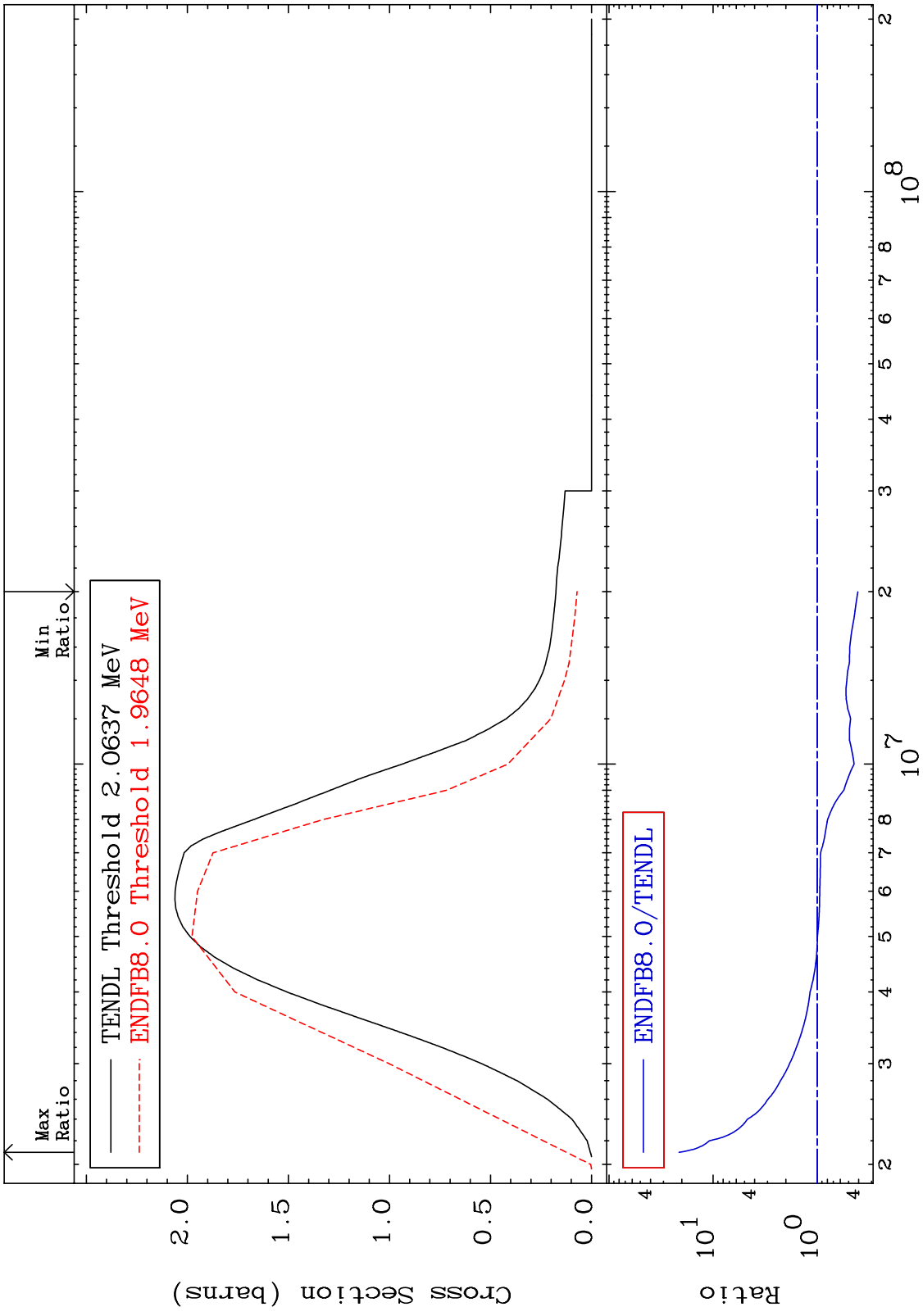
MAT 5040 MT= 61 (n,n') Level Cross Section 50-Sn-117  
 -100.0 To -18.32%



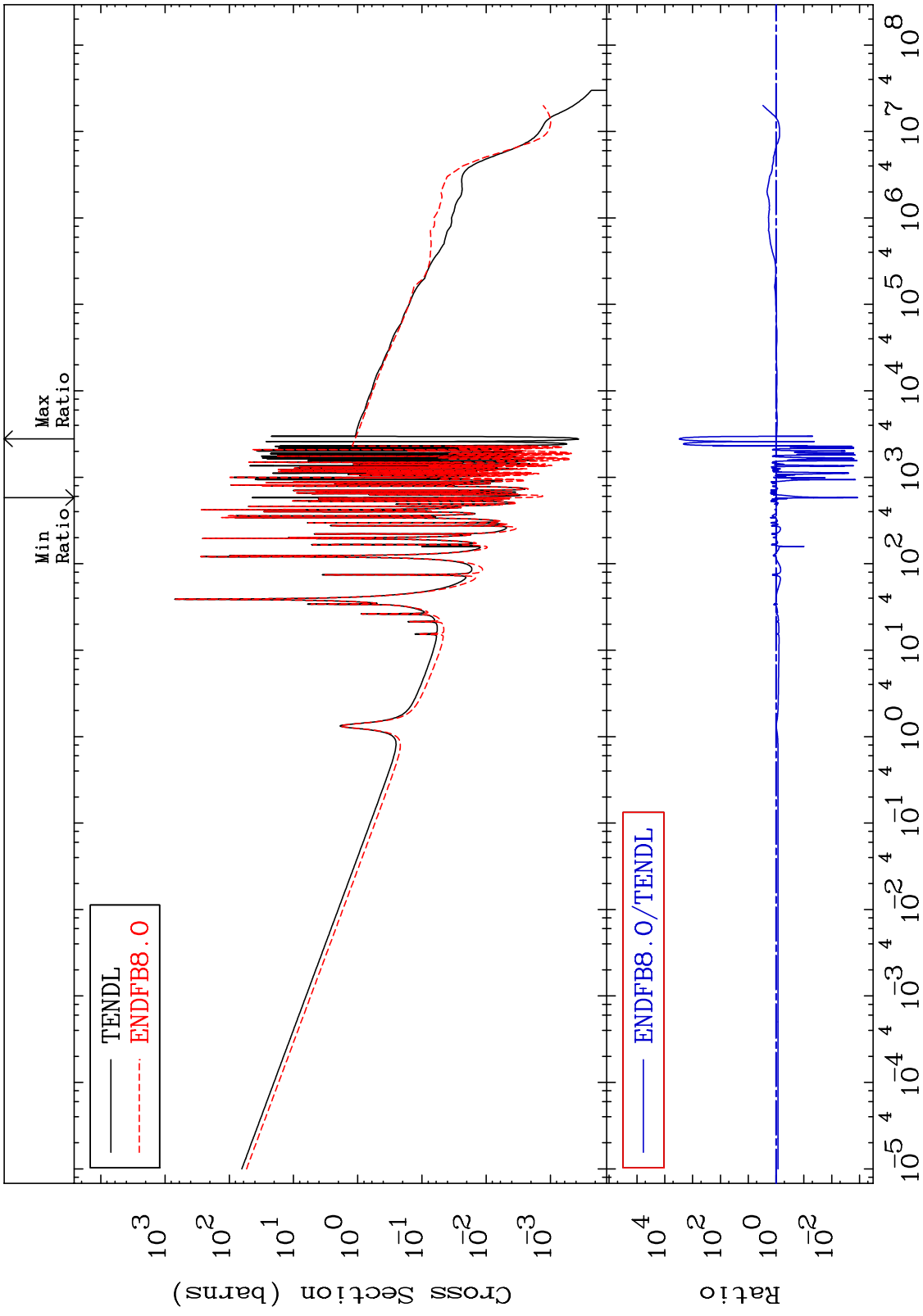
MAT 5040 MT= 62 (n,n') Level Cross Section 50-Sn-117 -98.45 To -2.106%



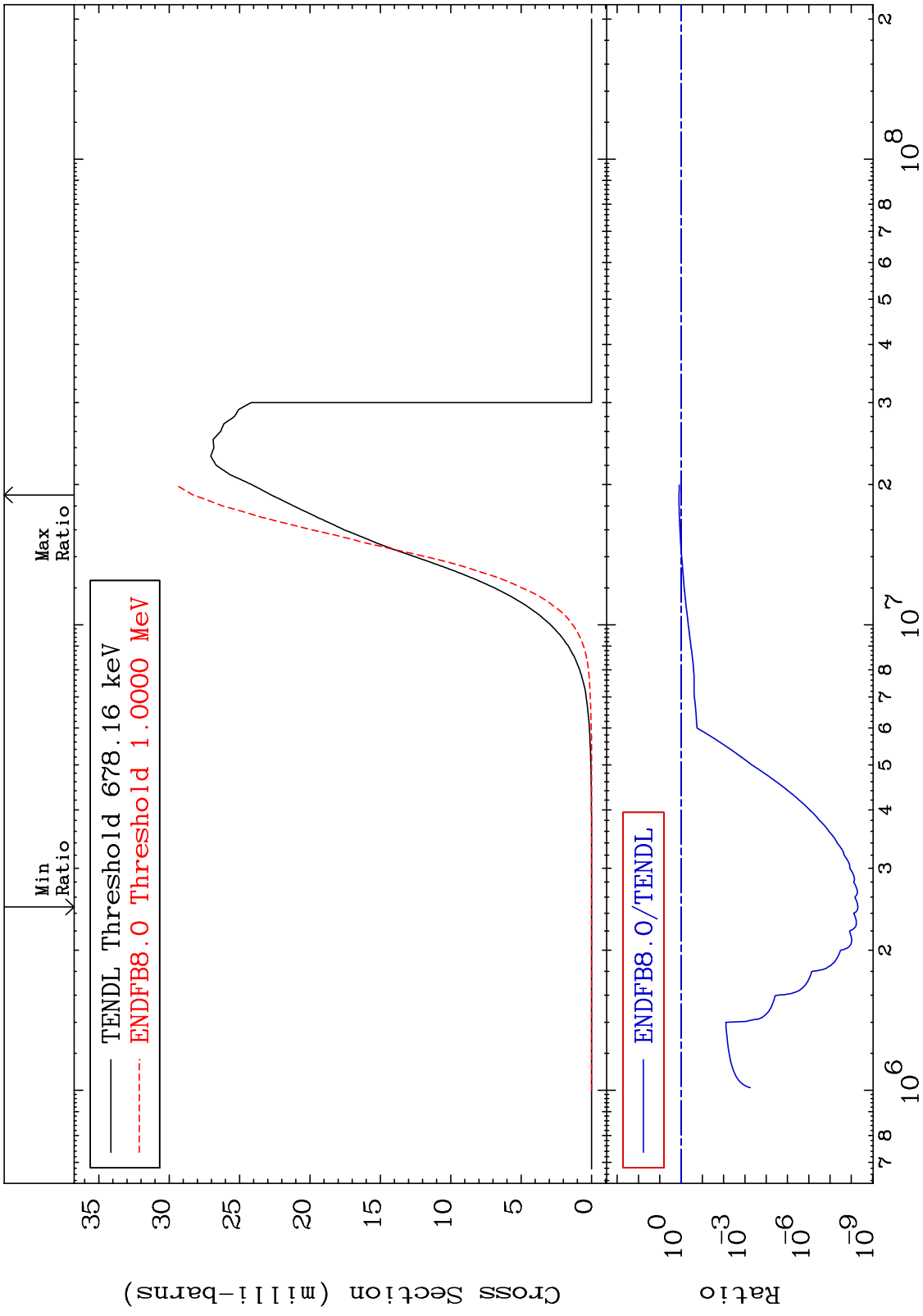
MAT 5040 (n, n') Continuum Cross Section 50-Sn-117 -59.29 To 2025. %



MAT 5040  $(n, \gamma)$  Cross Section 50-Sn-117 -99.89 To 9999. %

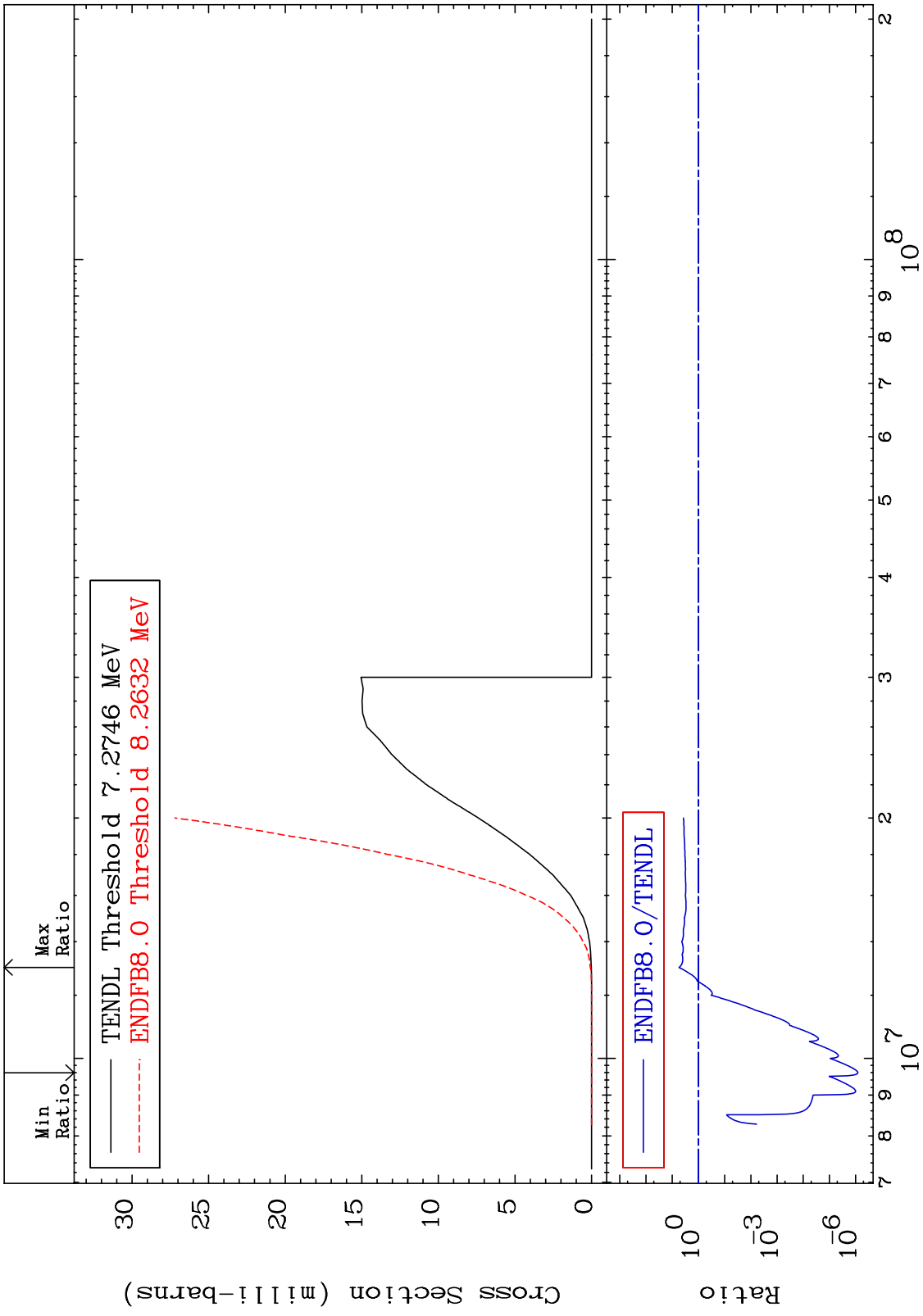


MAT 5040 (n,p) Cross Section 50-Sn-117 -100.0 To 24.37 %



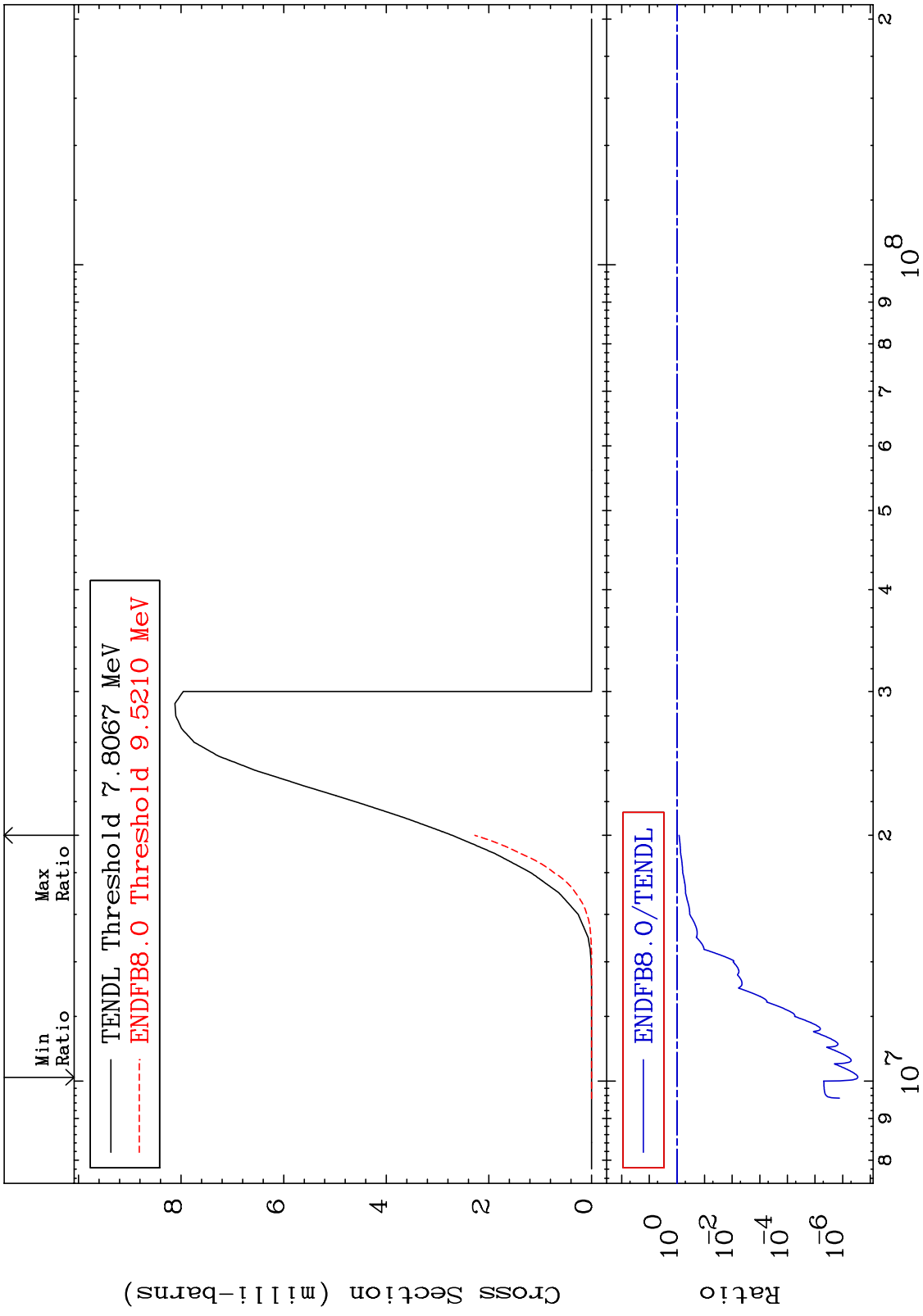


MAT 5040 (n,d) Cross Section 50-Sn-117 -100.0 To 446.6 %

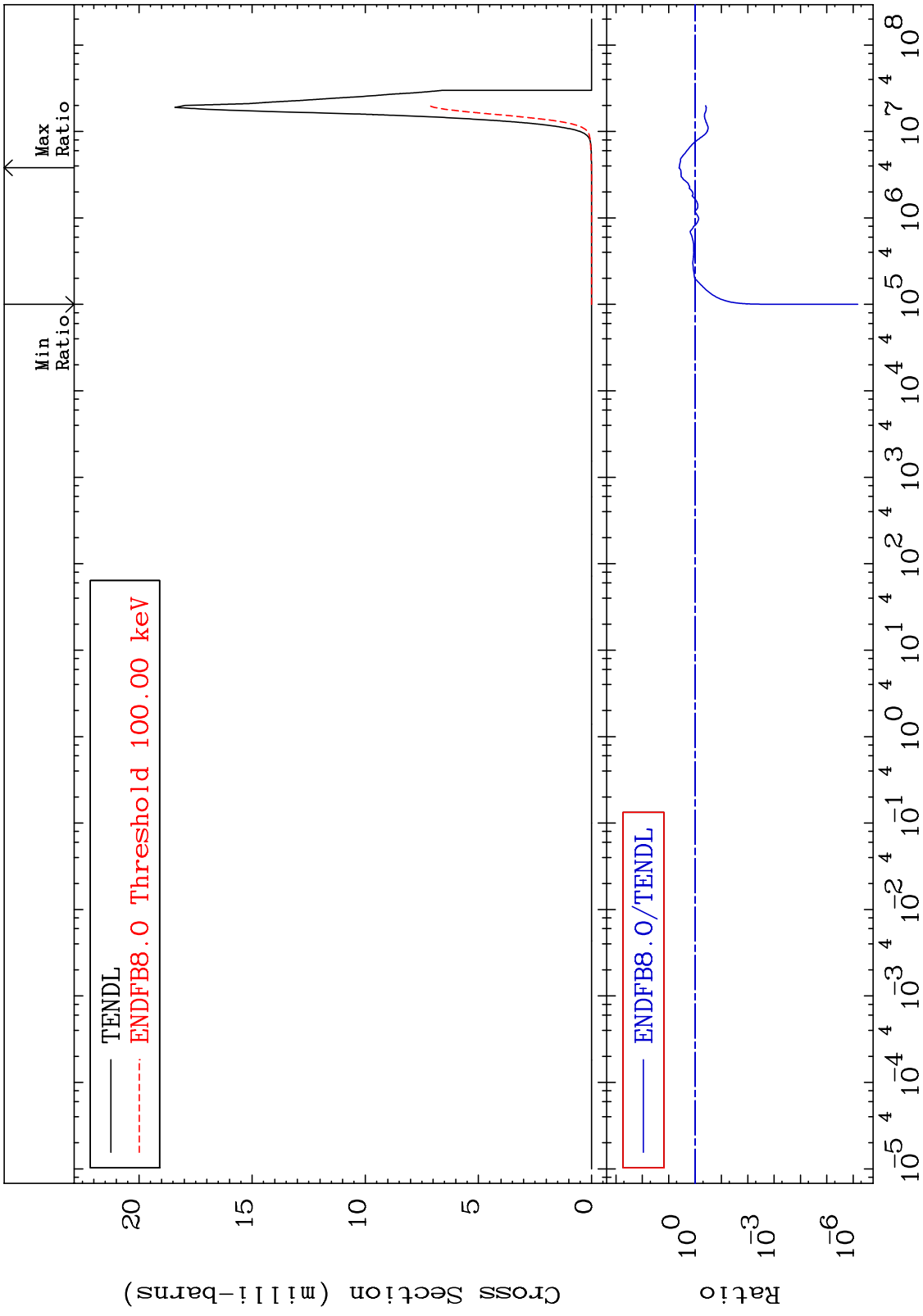


24 50-Sn-117 Incident Energy (eV)

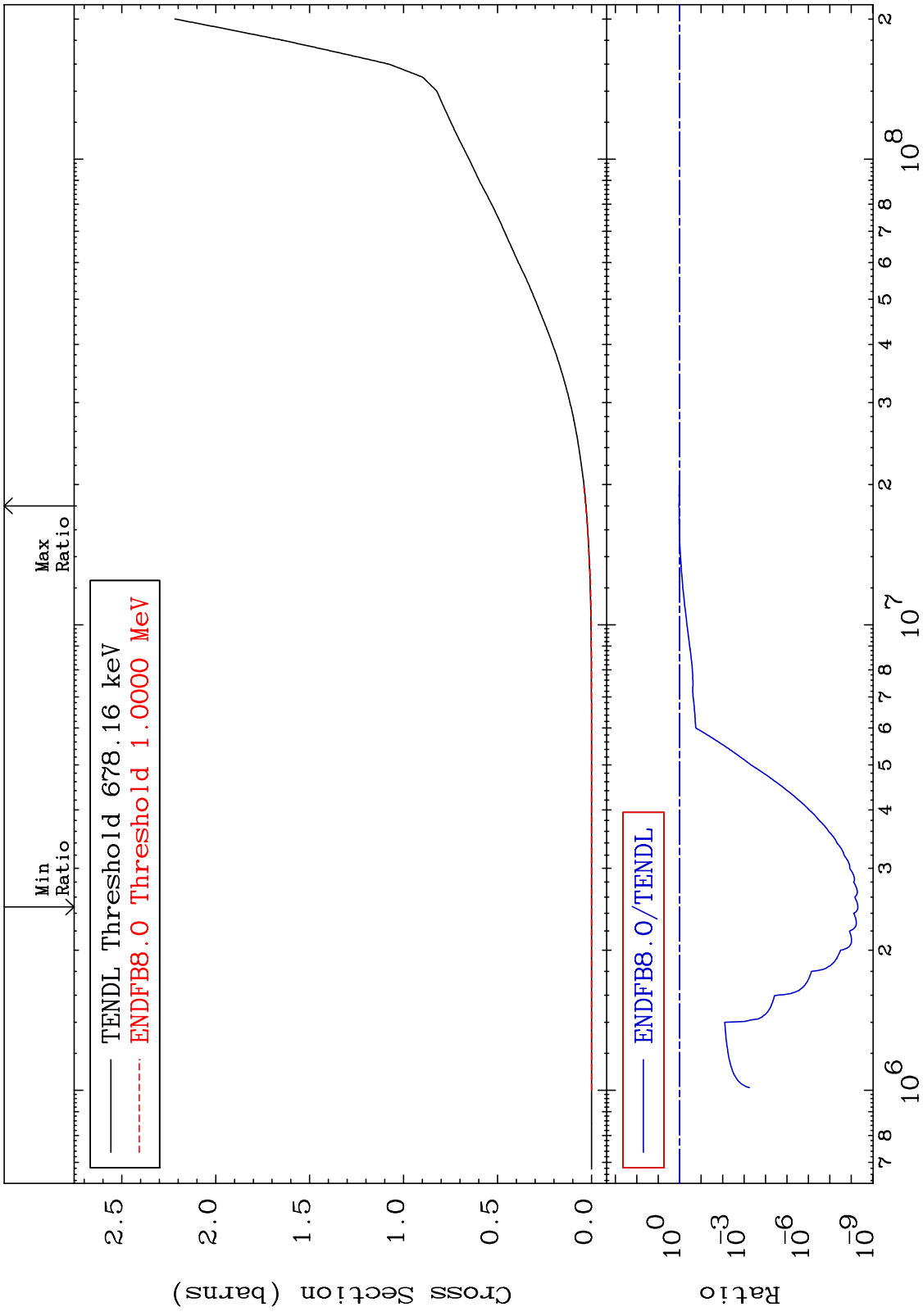
MAT 5040 (n,t) Cross Section 50-Sn-117 -100.0 To -16.14%

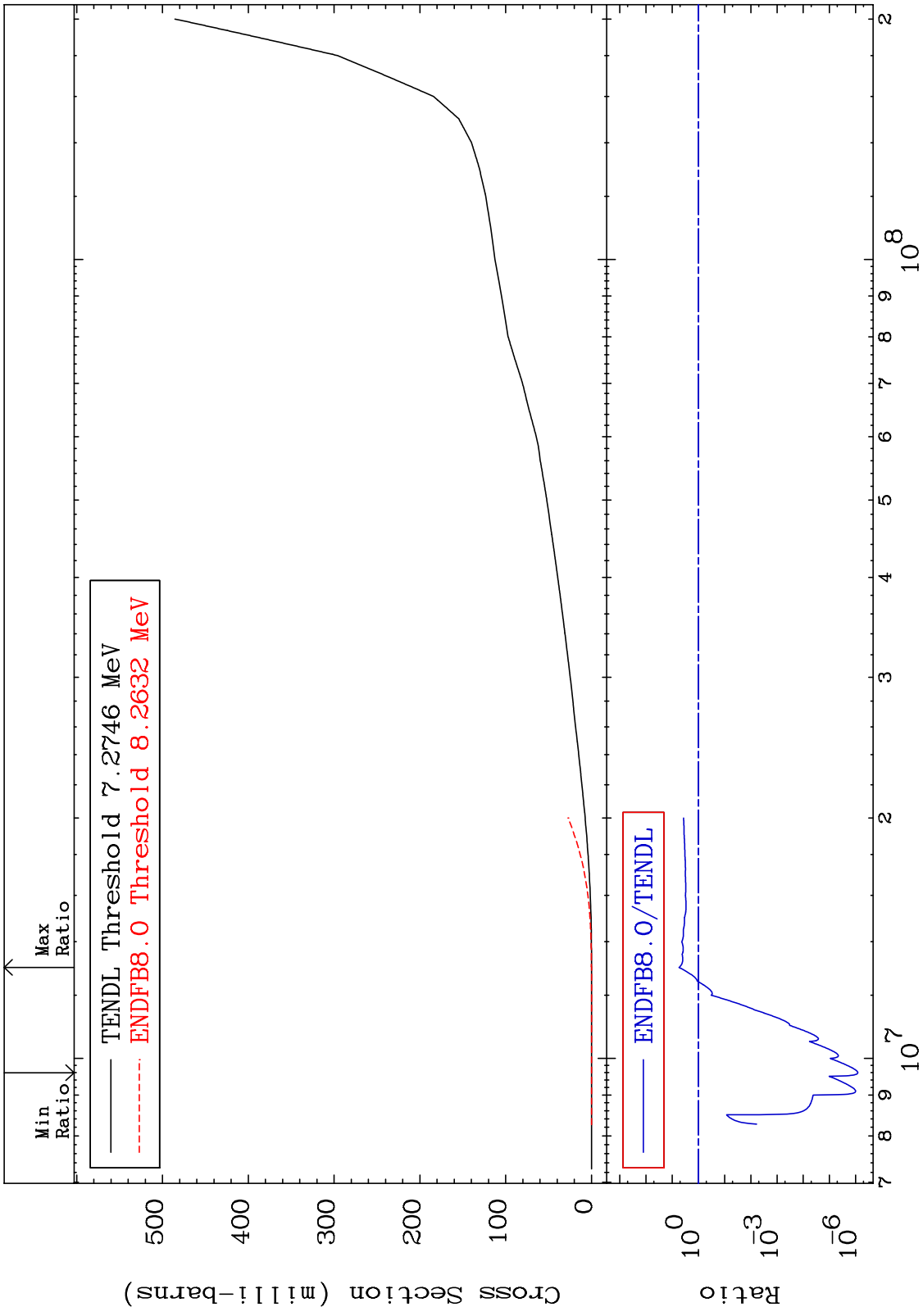


MAT 5040  $(n, \alpha)$  Cross Section 50-Sn-117 -100.0 To 305.3 %

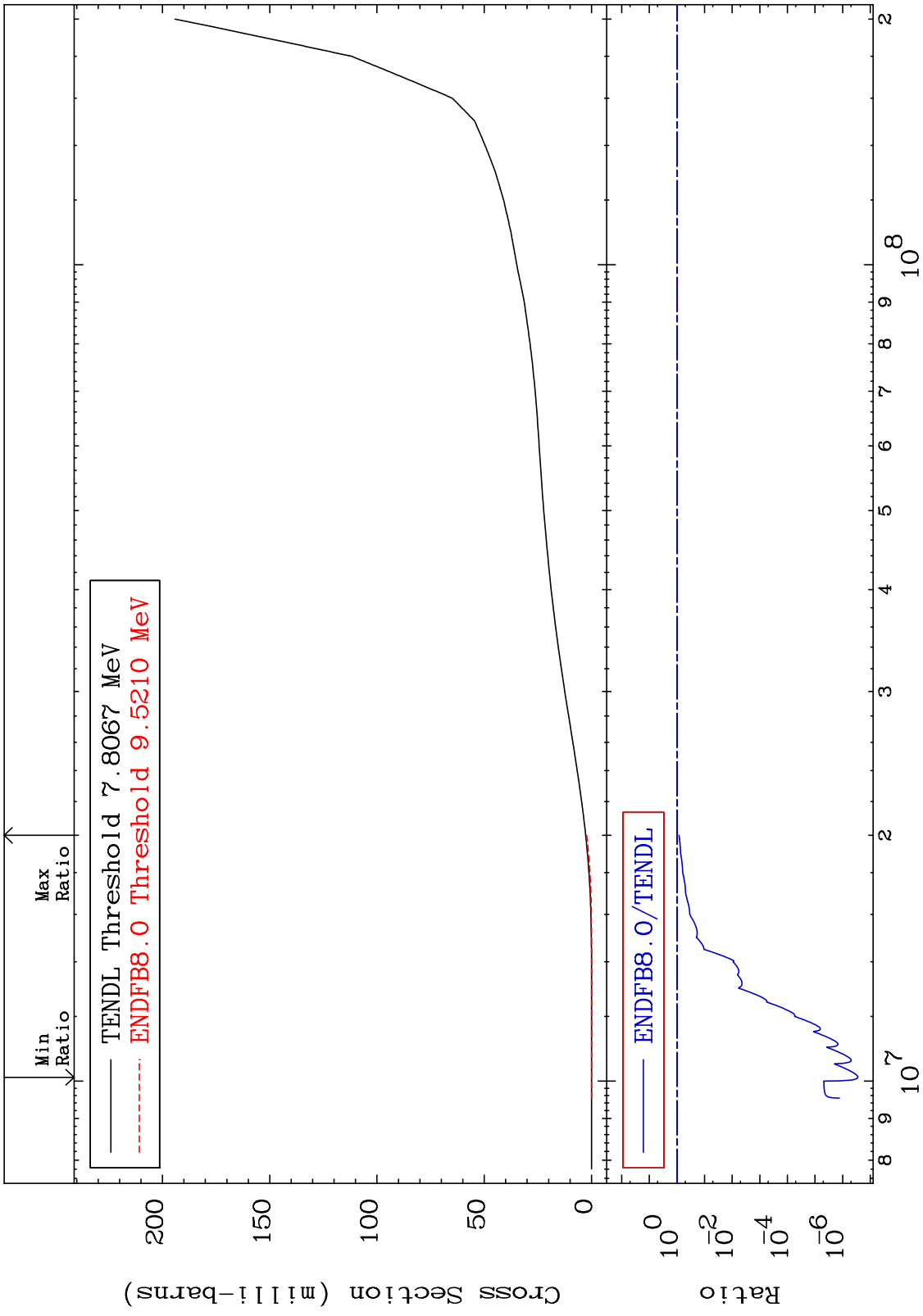


MAT 5040 50-Sn-117  
-100.0 To 7.363 %  
 Hydrogen Production Cross Section

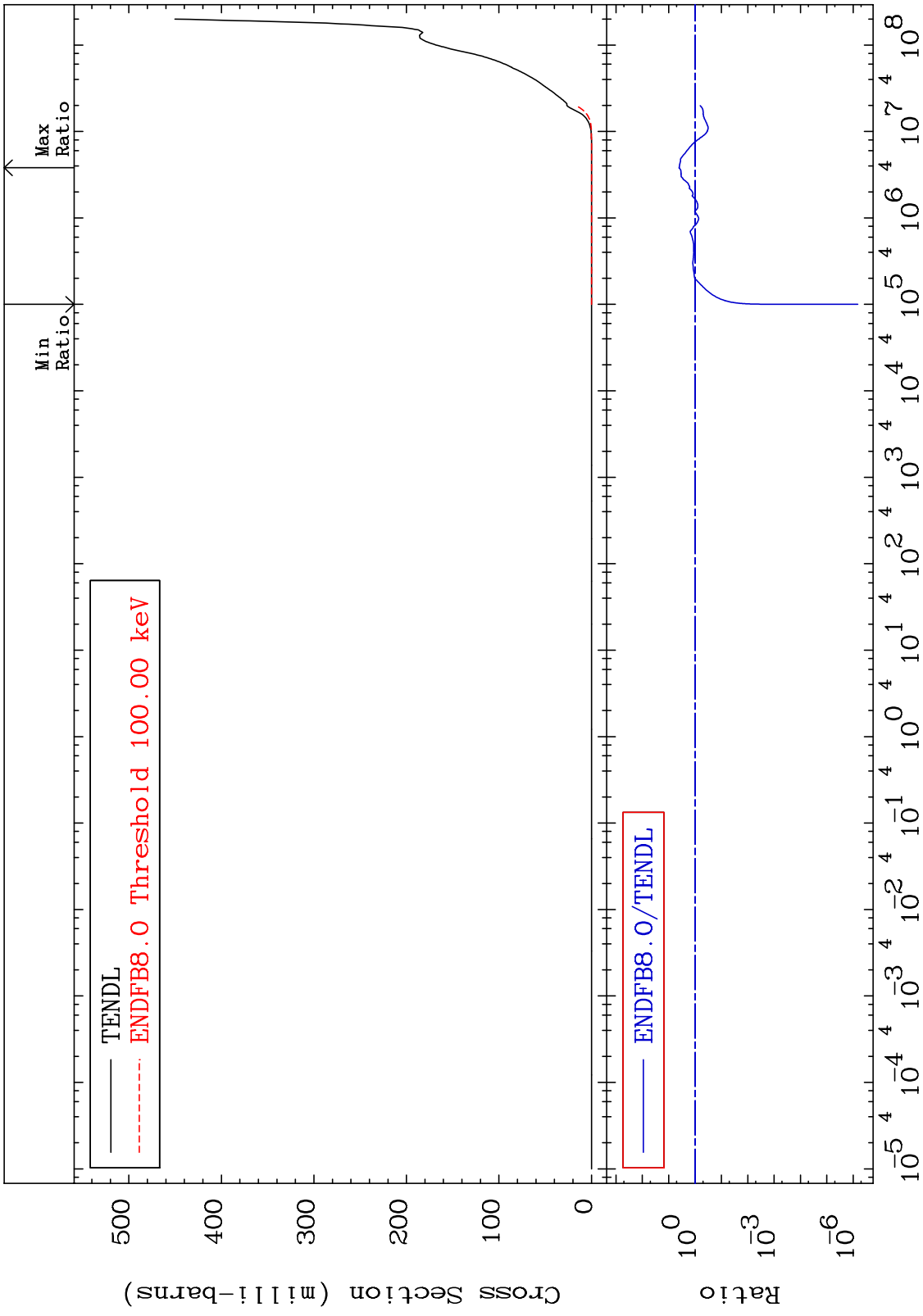




MAT 5040 Tritium Production Cross Section 50-Sn-117 -100.0 To -16.14%

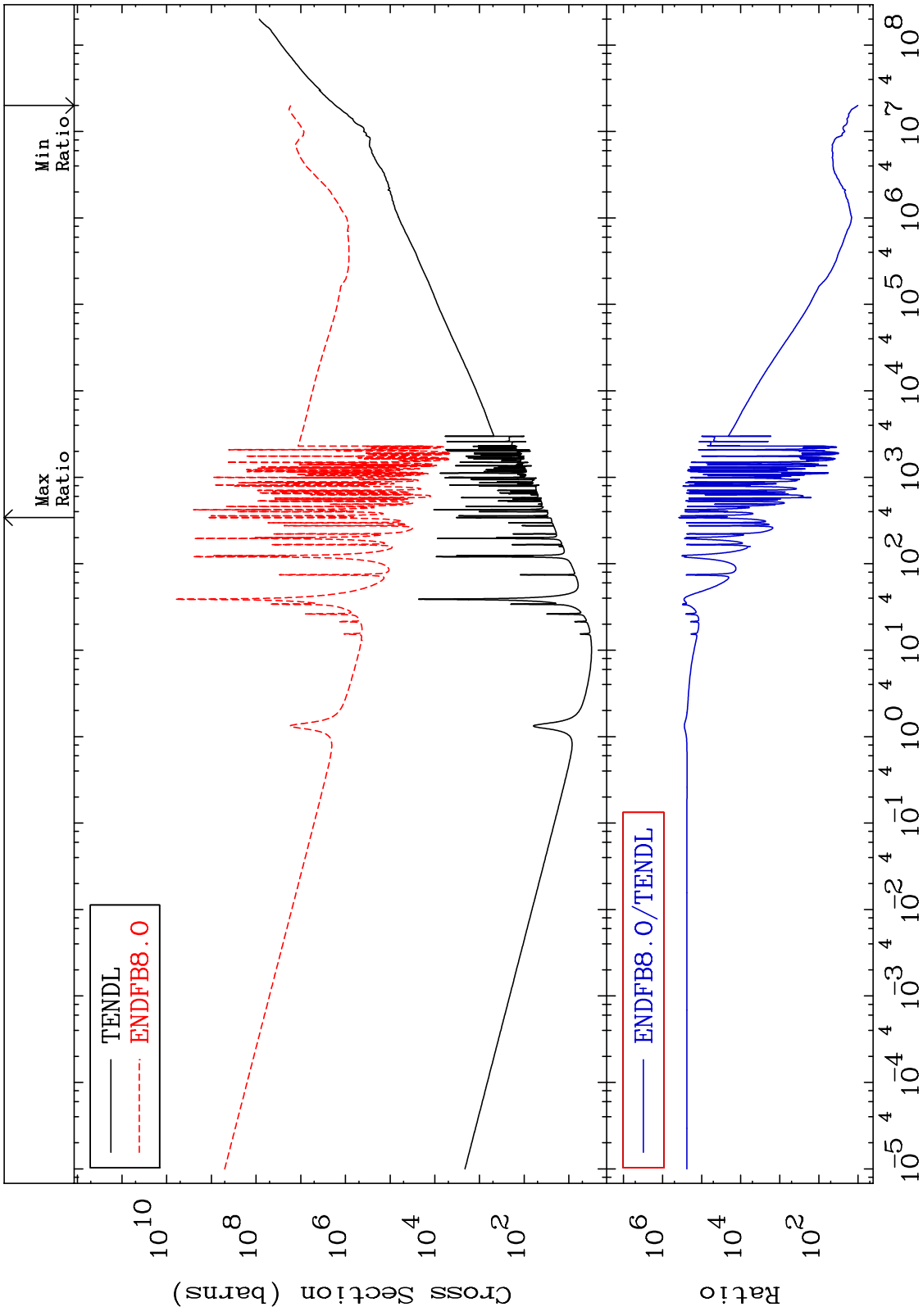


MAT 5040 He-4 Production Cross Section 50-Sn-117  
 -100.0 To 305.3 %



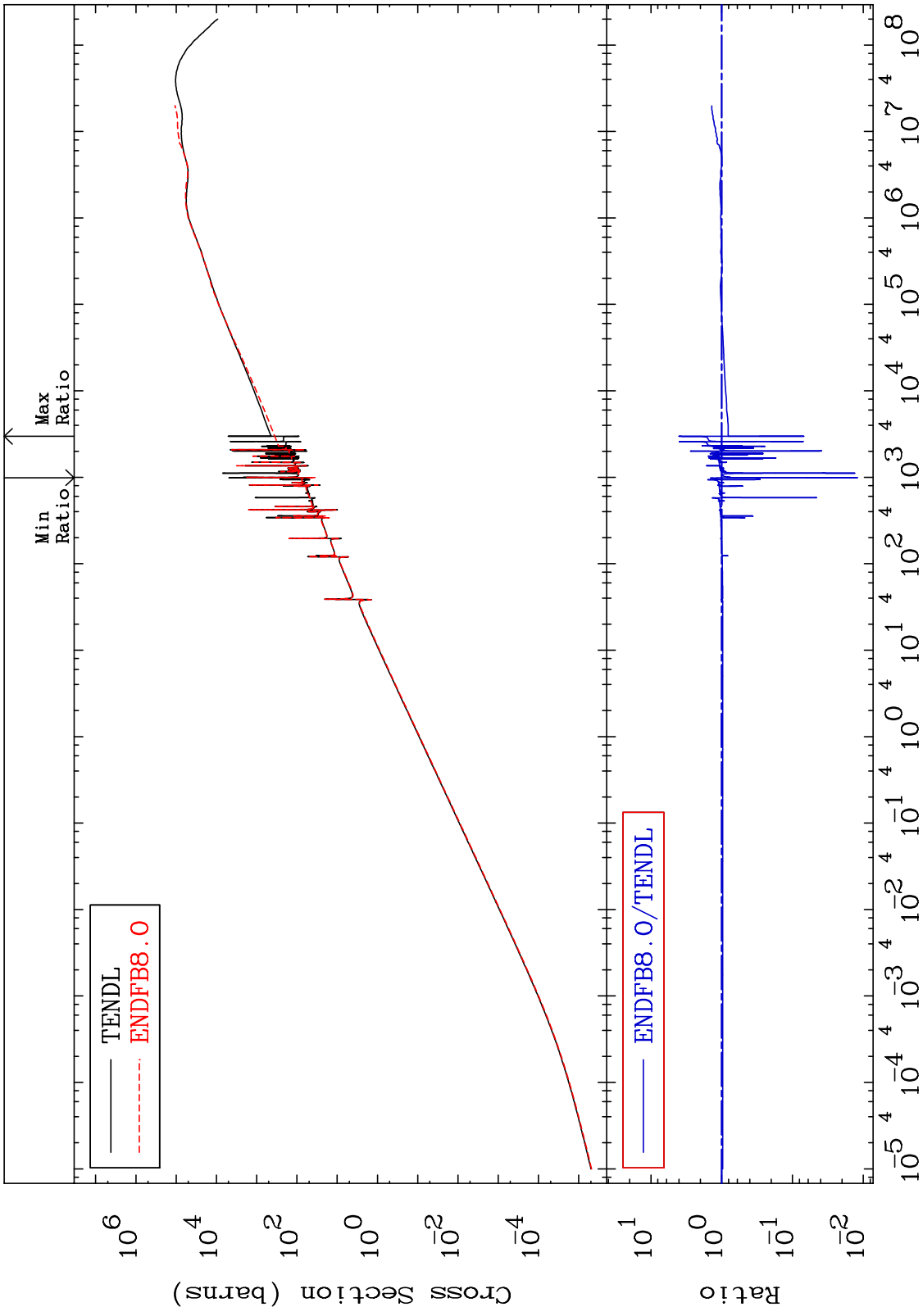
Incident Energy (eV) 50-Sn-117

MAT 5040      Kerma total (eV-barns)  
 Cross Section      50-Sn-117  
 910.2 To 9999. %

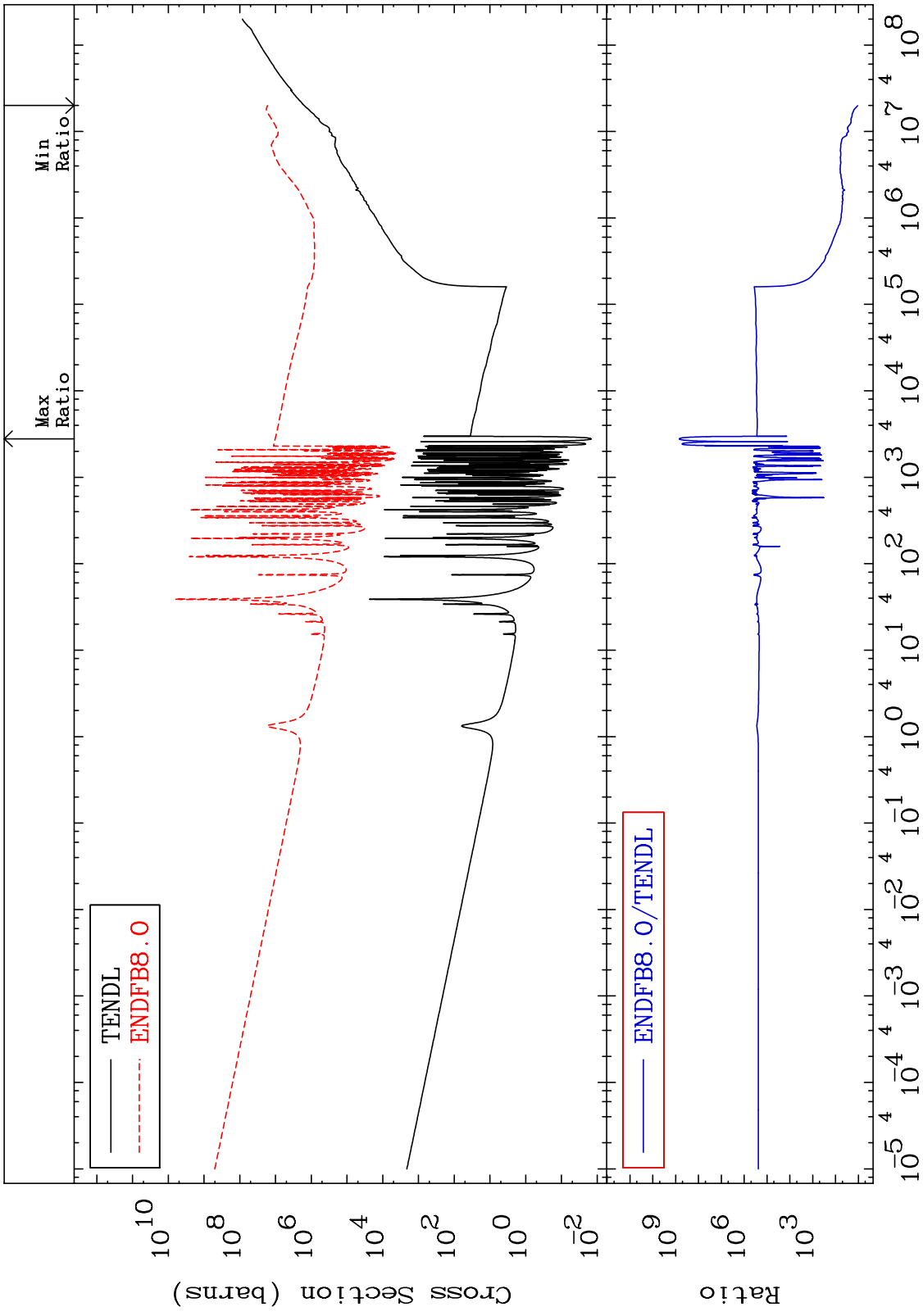




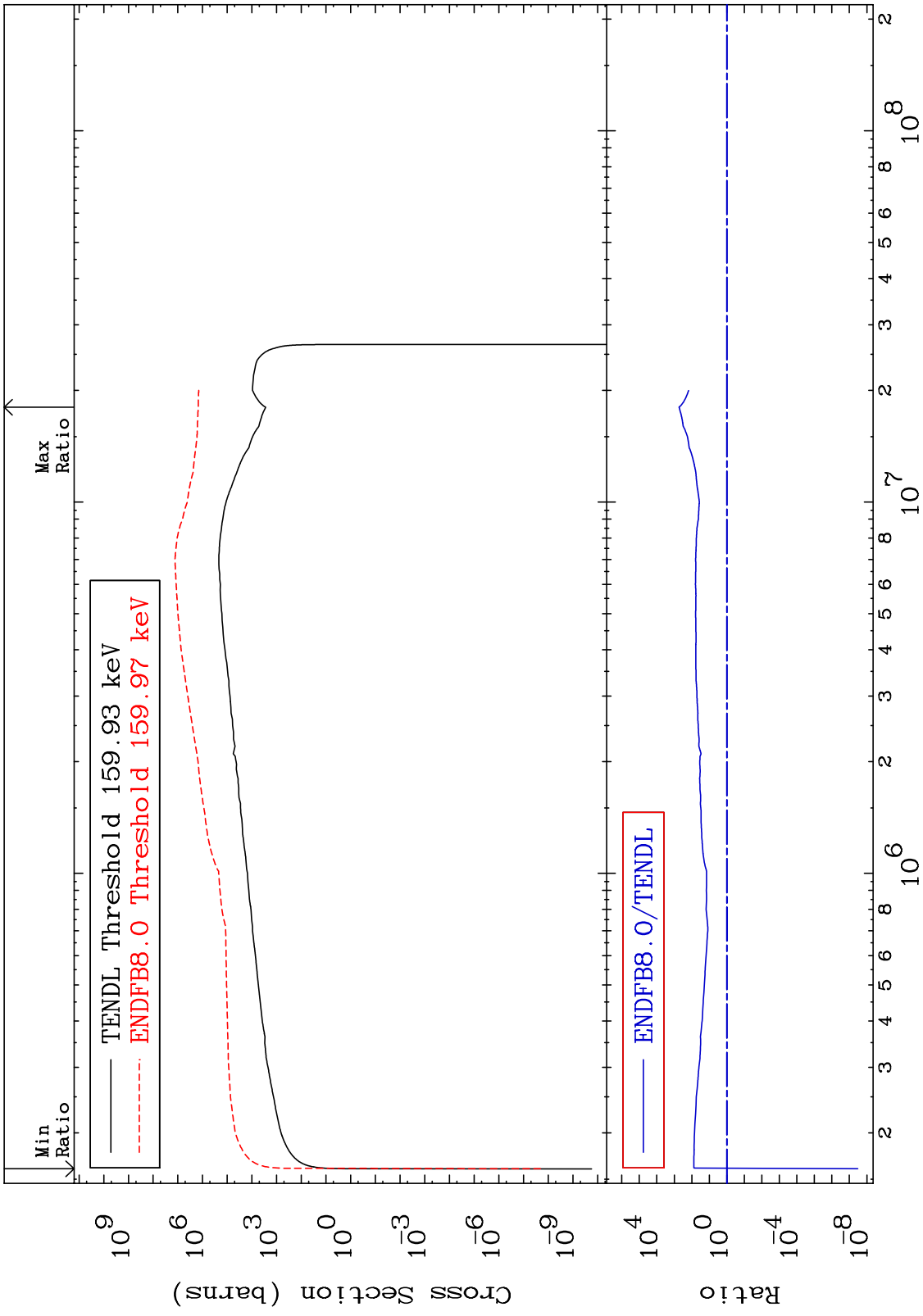
MAT 5040 50-Sn-117 -98.81 To 300.5 %  
 Kerma elastic Cross Section



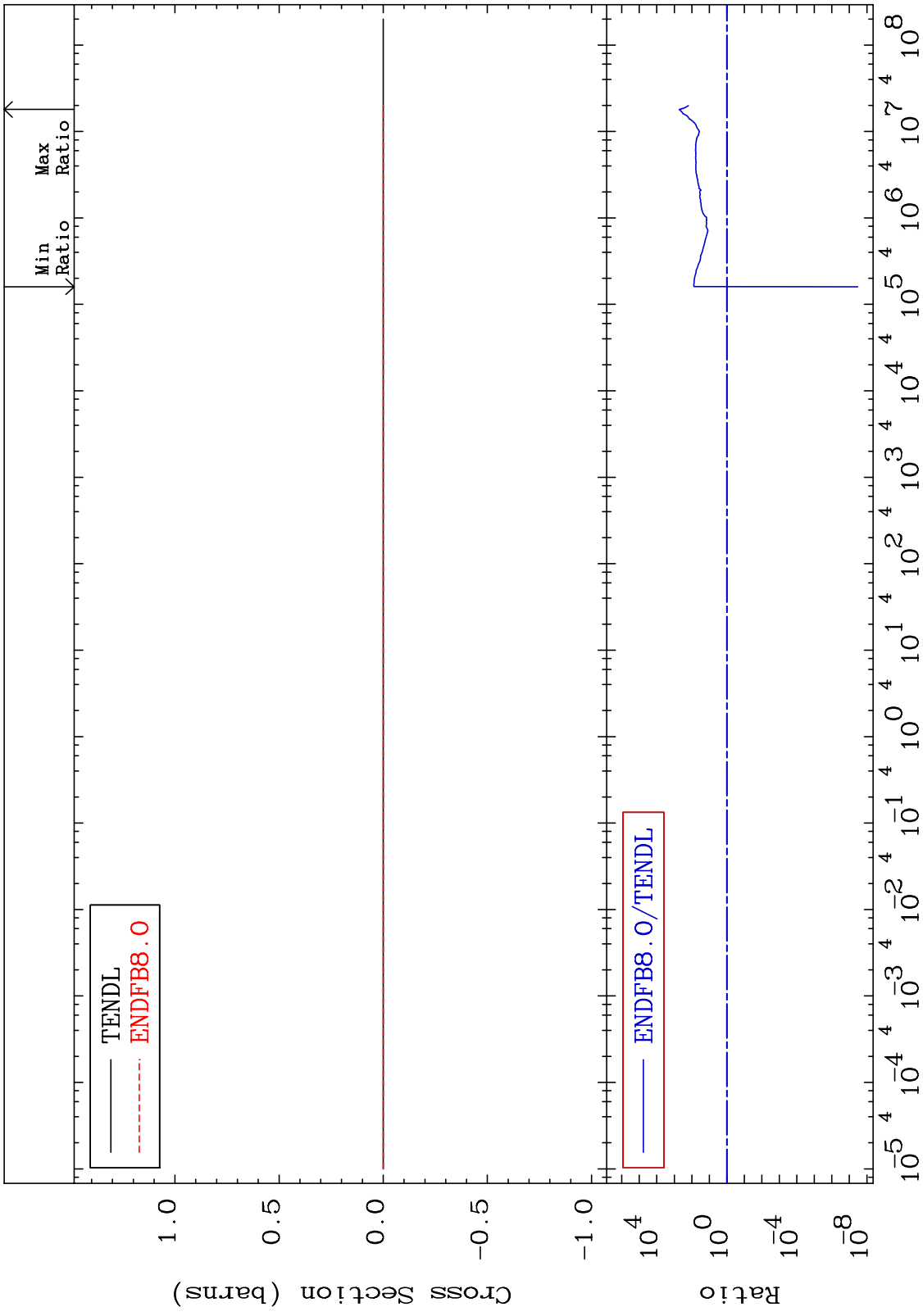
MAT 5040 Kerma non-elastic (all but mt2) Cross Section 50-Sn-117 To 9999. %

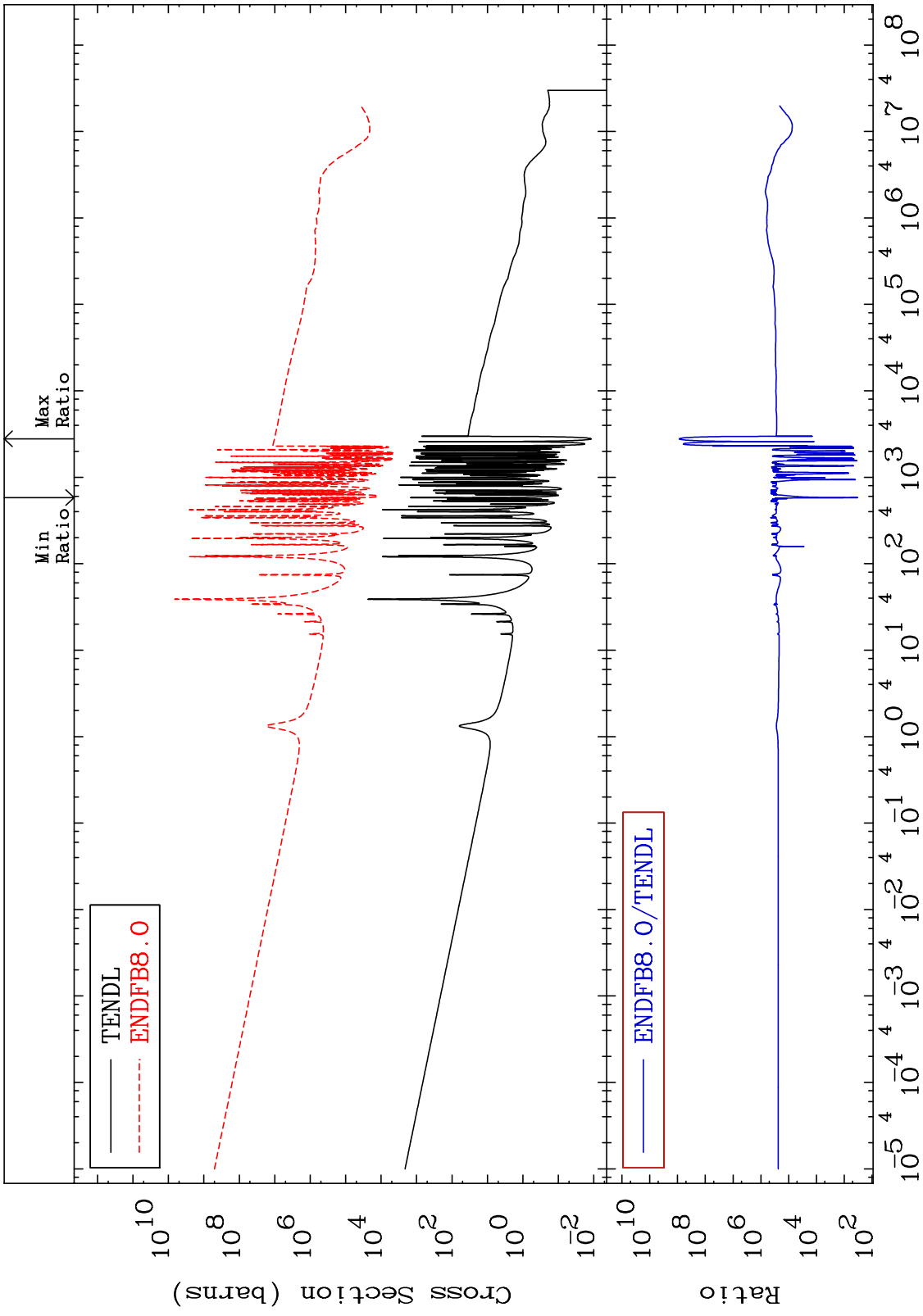


MAT 5040 Kerma inelastic (mt51-91) 50-Sn-117  
 -100.0 To 9999. %

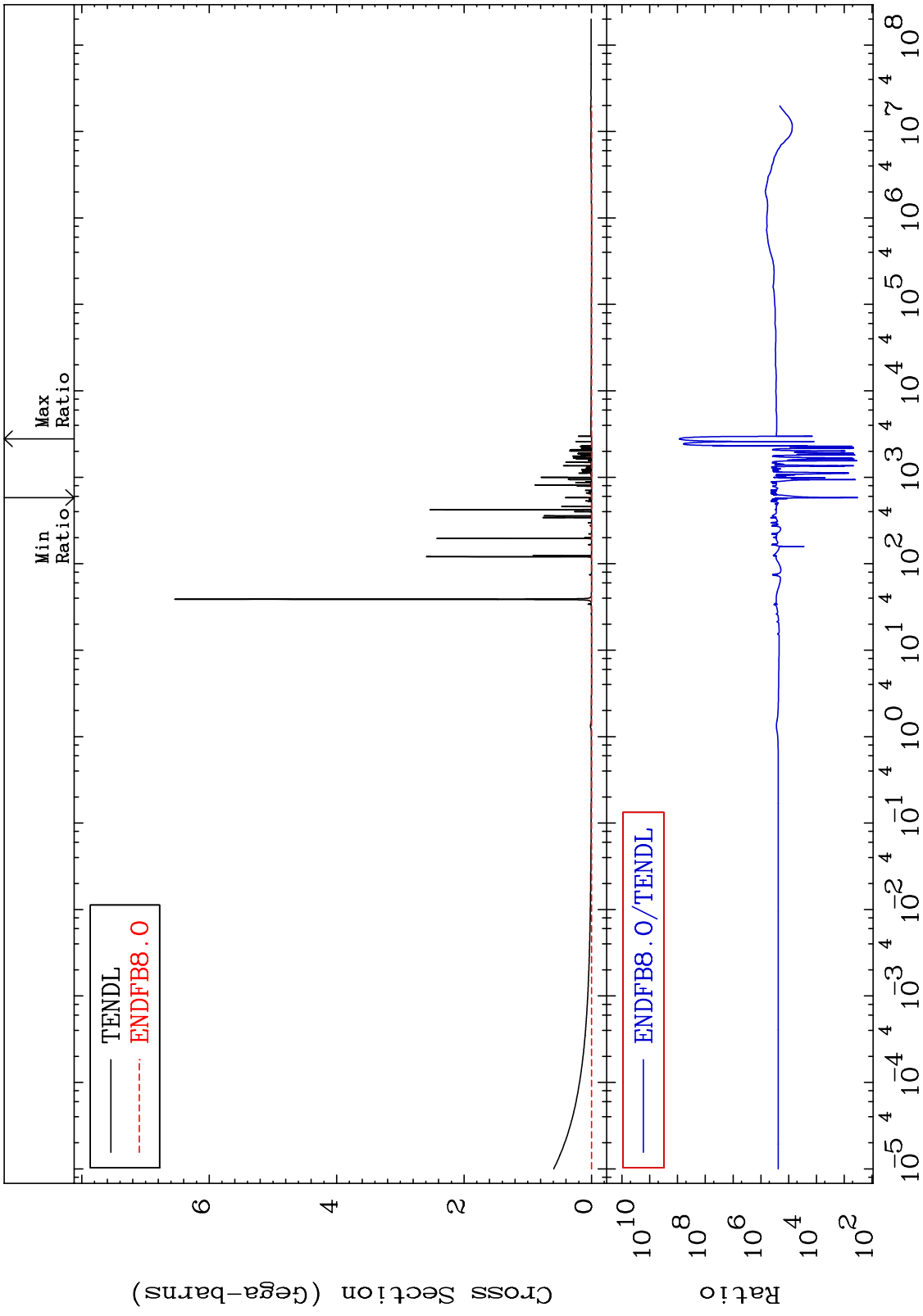


MAT 5040 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-117  
 Cross Section -100.0 To 9999. %

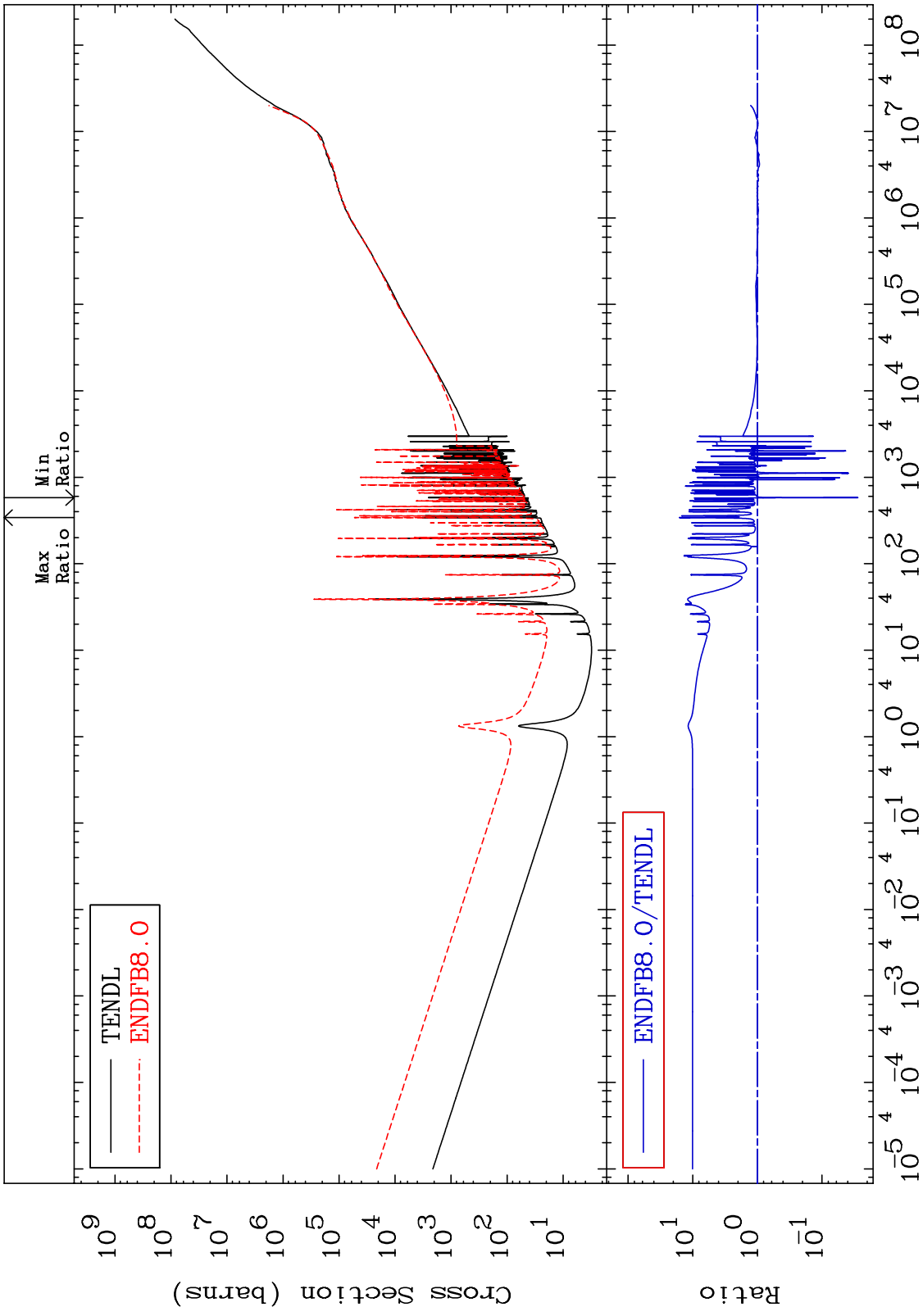




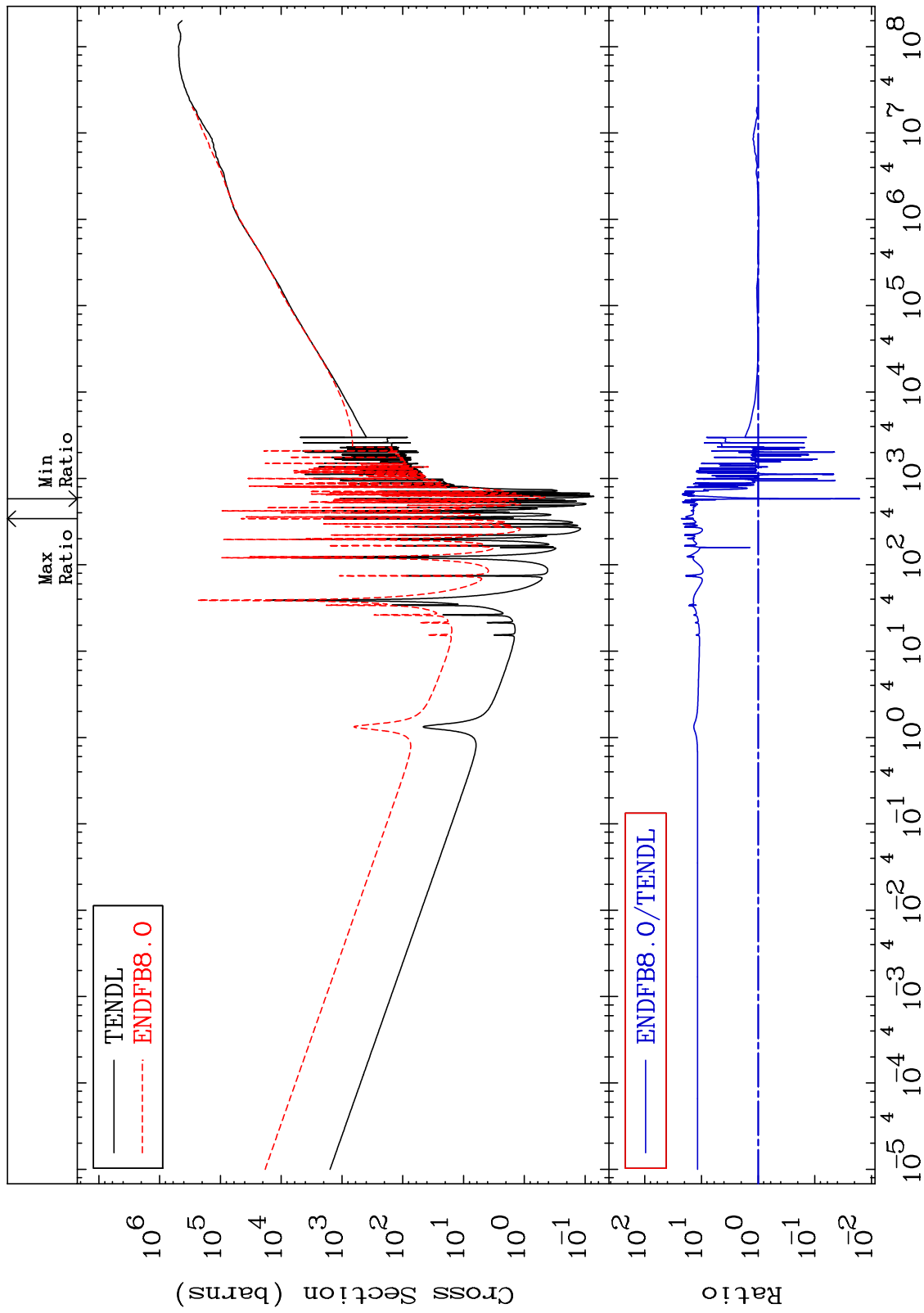
MAT 5040 Total photon (eV-barns) 50-Sn-117  
 Cross Section 9999. To 9999. %



MAT 5040 Total kinematic kerma (high limit) 50-Sn-117  
 Cross Section -97.21 To 1527. %

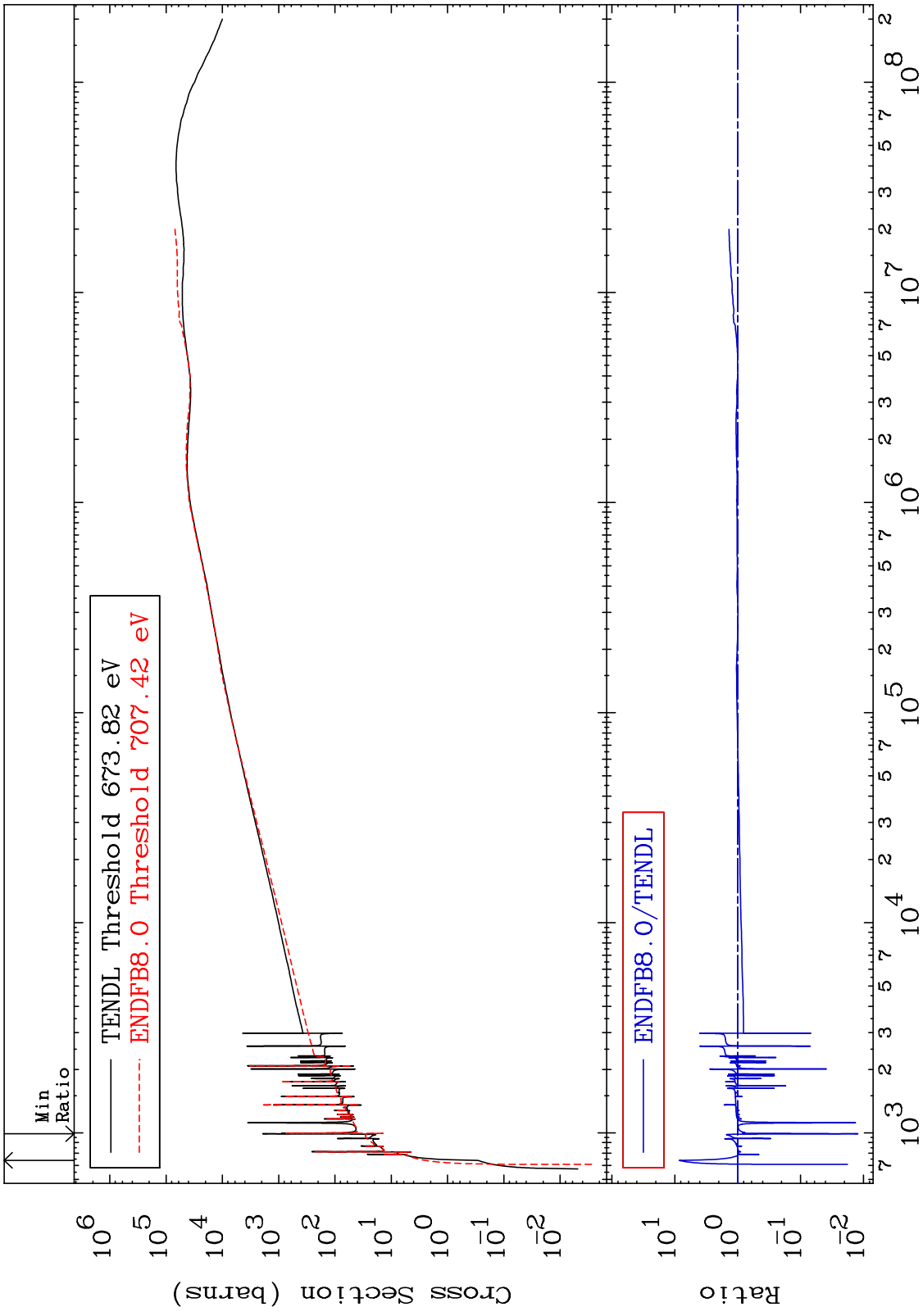


MAT 5040 50-Sn-117  
 Dpa total (eV-barns) -98.39 To 2178. %  
 Cross Section

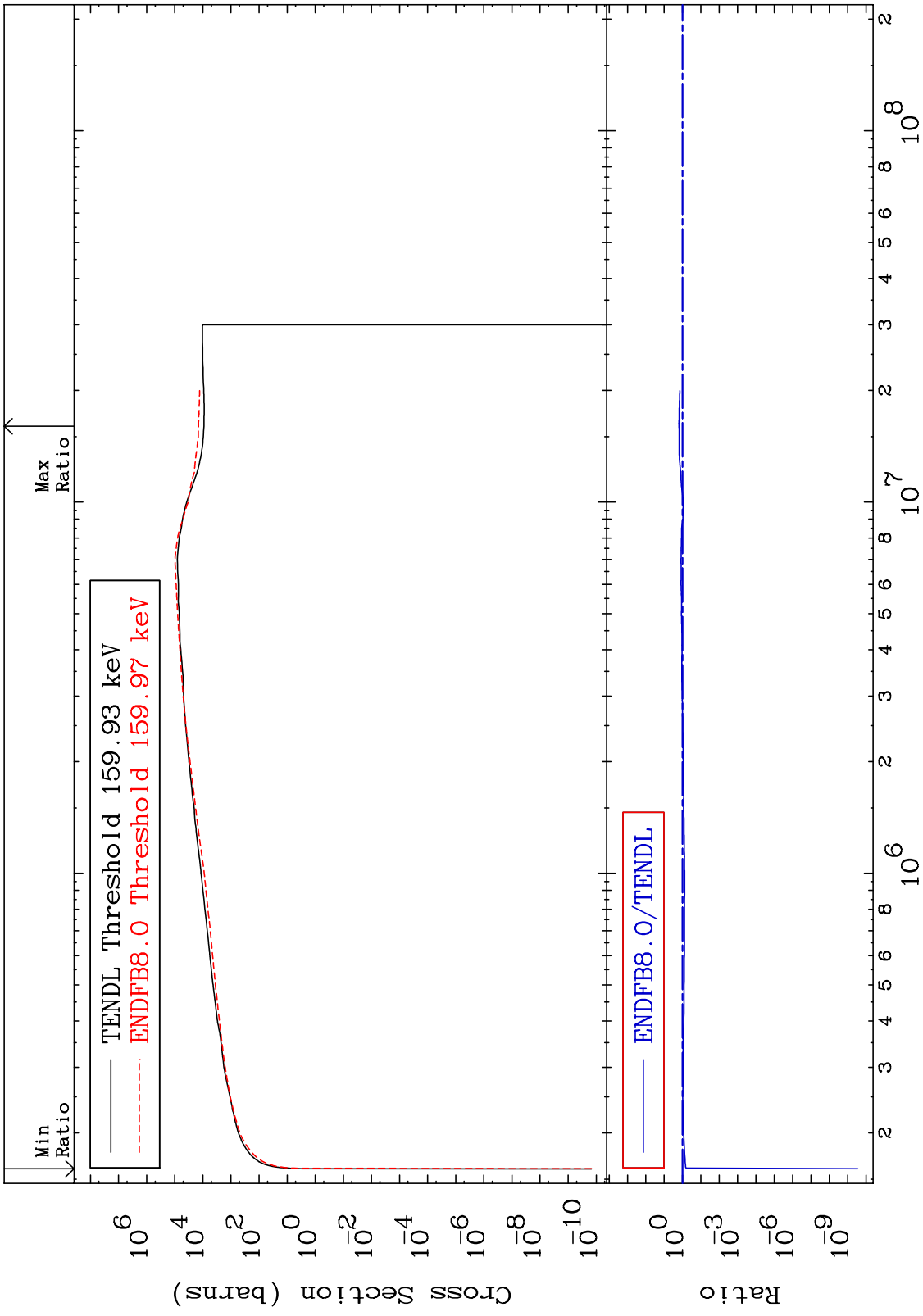




MAT 5040      Dpa elastic (mt2)      50-Sn-117  
Cross Section      -98.77 To 754.1 %



MAT 5040 Dpa inelastic (mt51-91) 50-Sn-117  
 Cross Section -100.0 To 55.49 %



MAT 5040      Dpa disappearance (mt102 -120)      50-Sn-117  
 Cross Section      -98.39 To 9999. %

