

Program Complot  
(Version 2018-1)

by

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(Present Contact Information)

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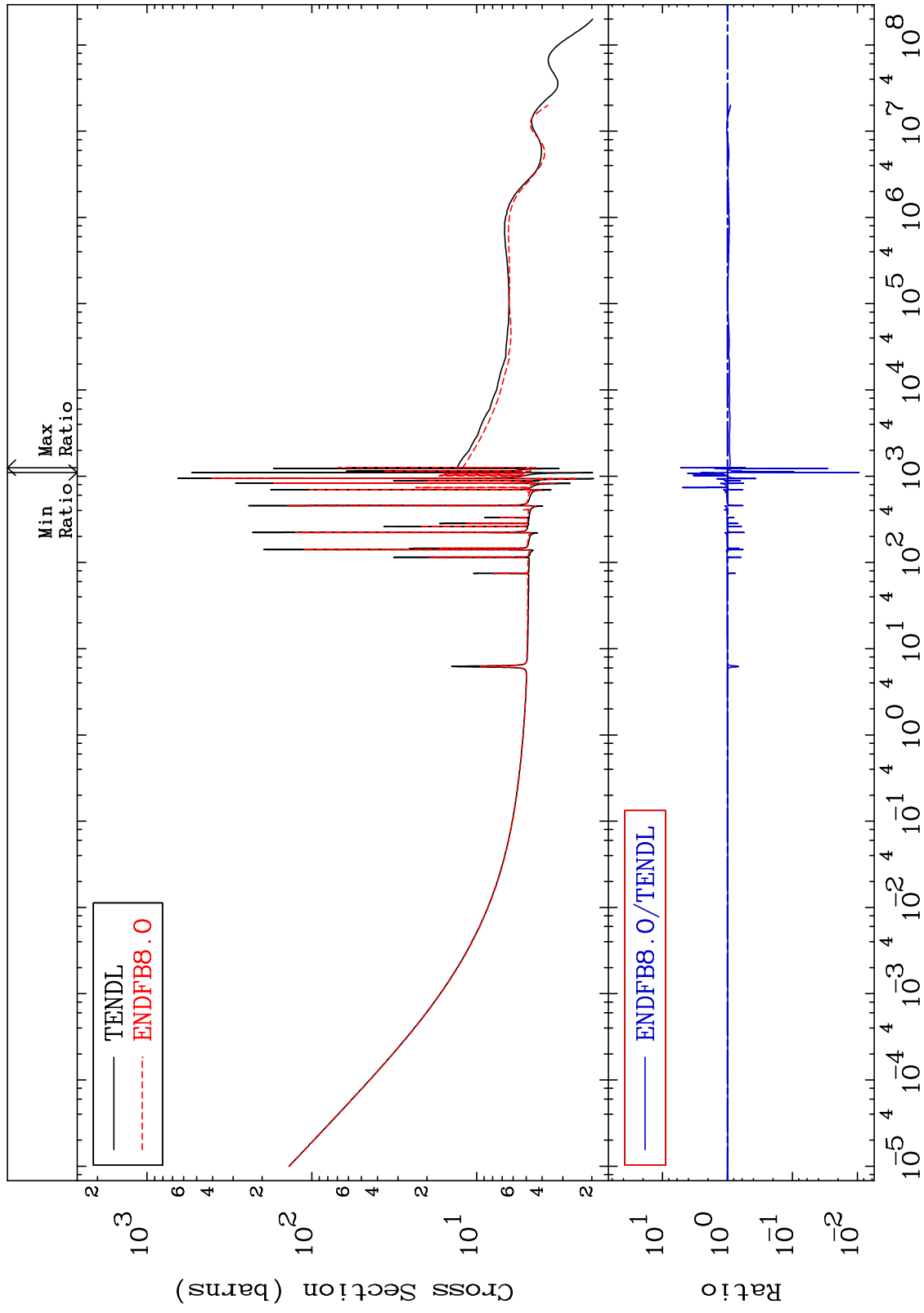
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5046

Total  
Cross Section

50-Sn-119  
-99.05 To 427.0 %

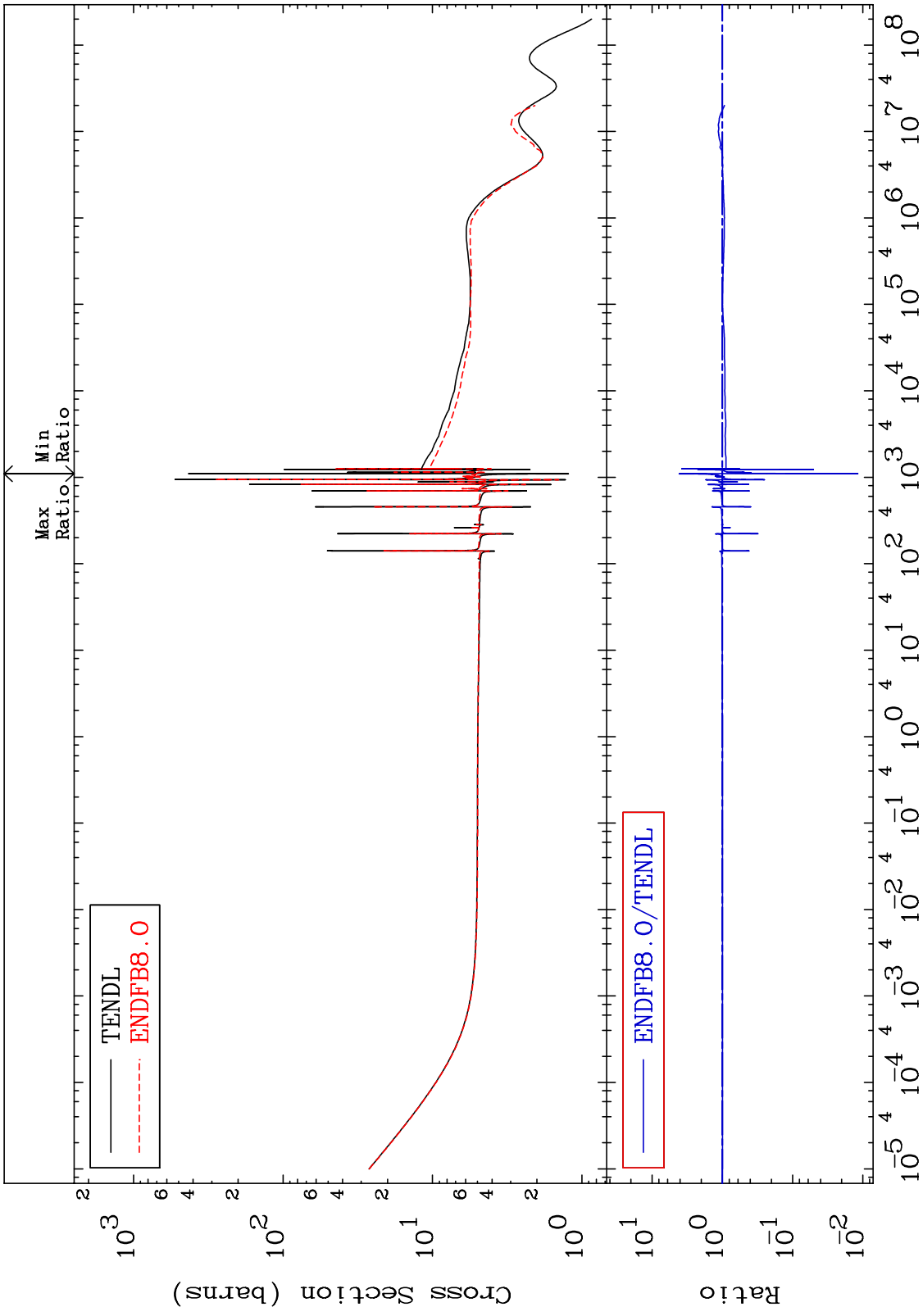


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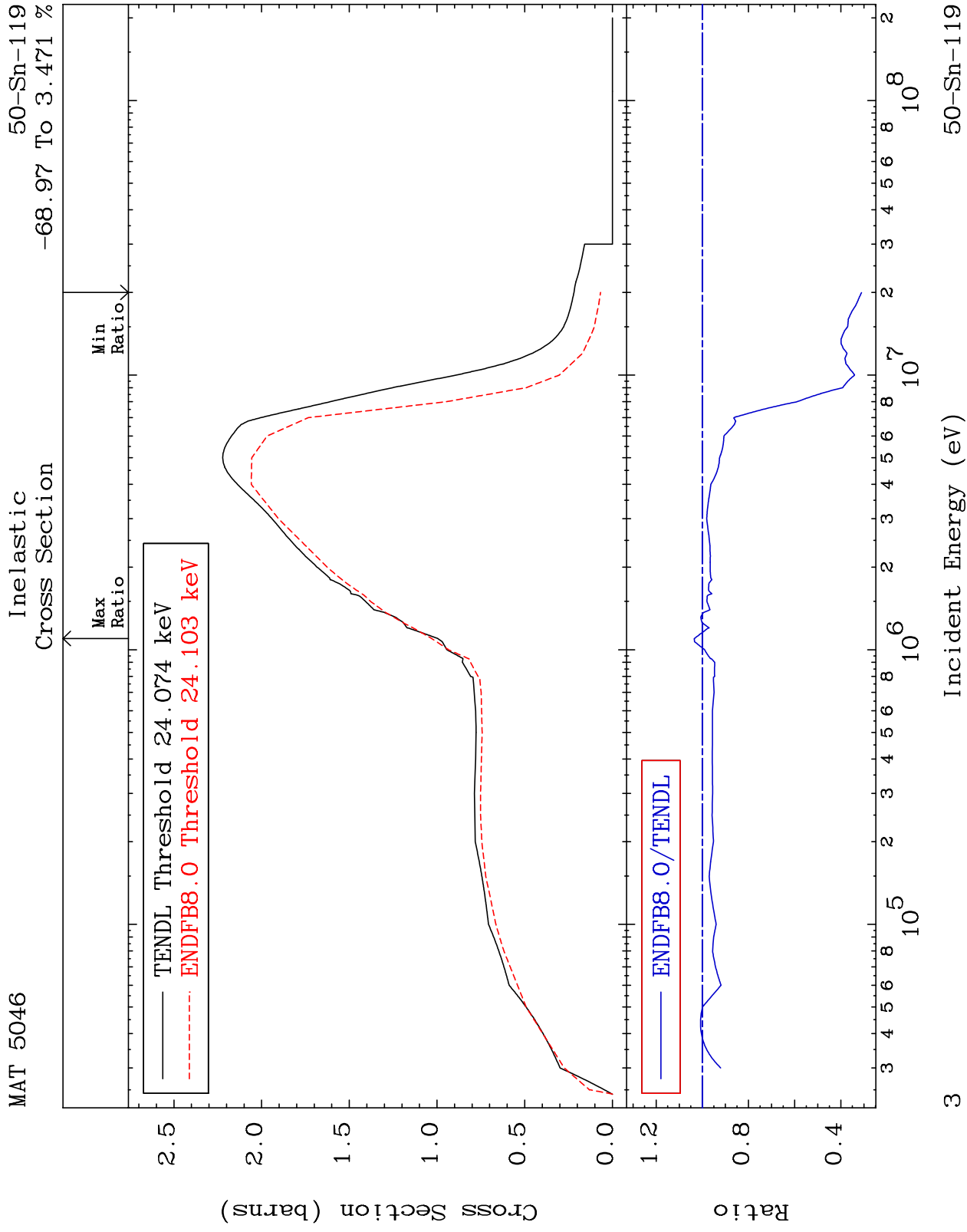
Incident Energy (eV)

50-Sn-119

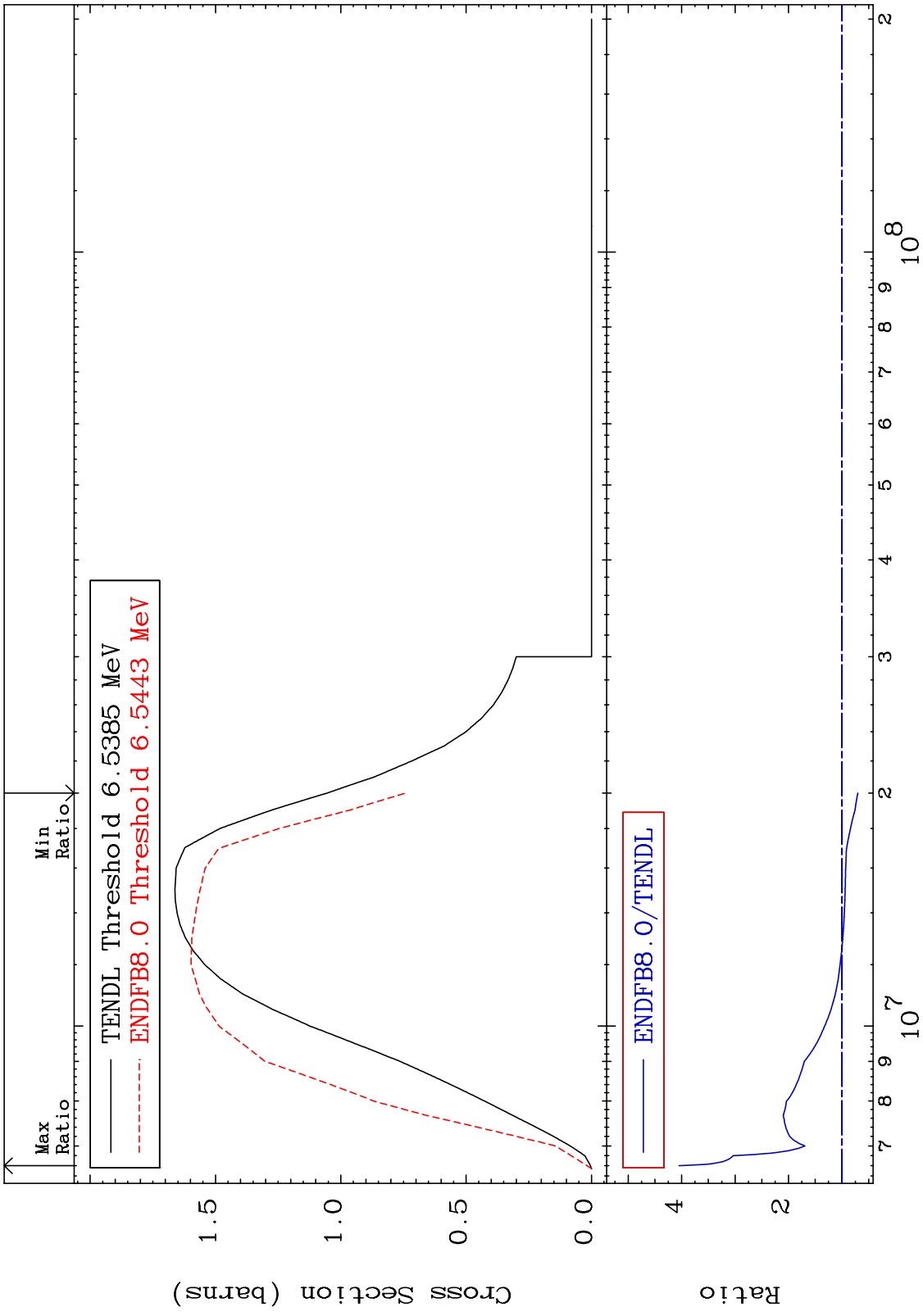
MAT 5046 Elastic Cross Section 50-Sn-119 -98.82 To 313.8 %



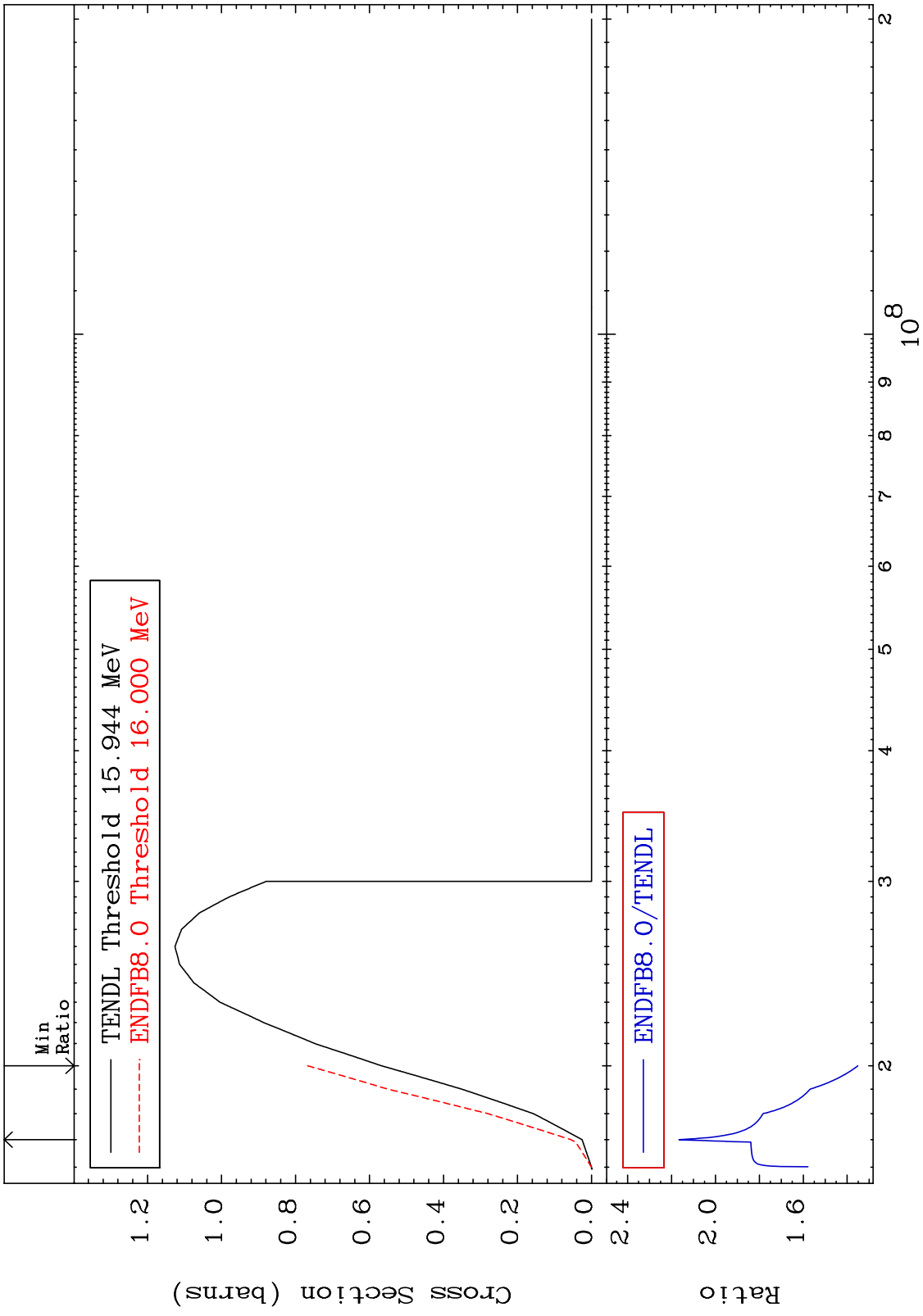
2 50-Sn-119



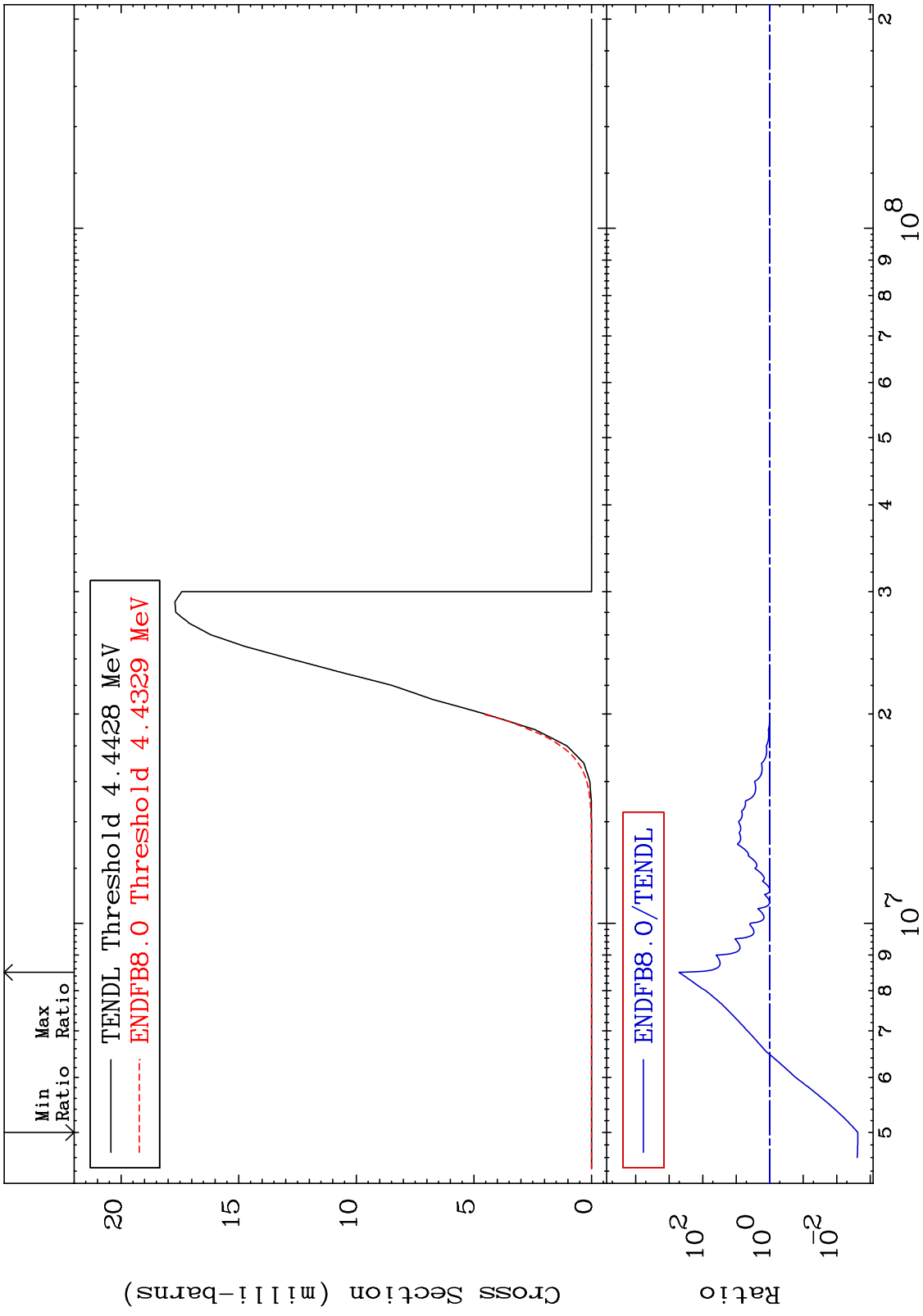
MAT 5046 (n,2n) Cross Section 50-Sn-119 -29.75 To 304.9 %



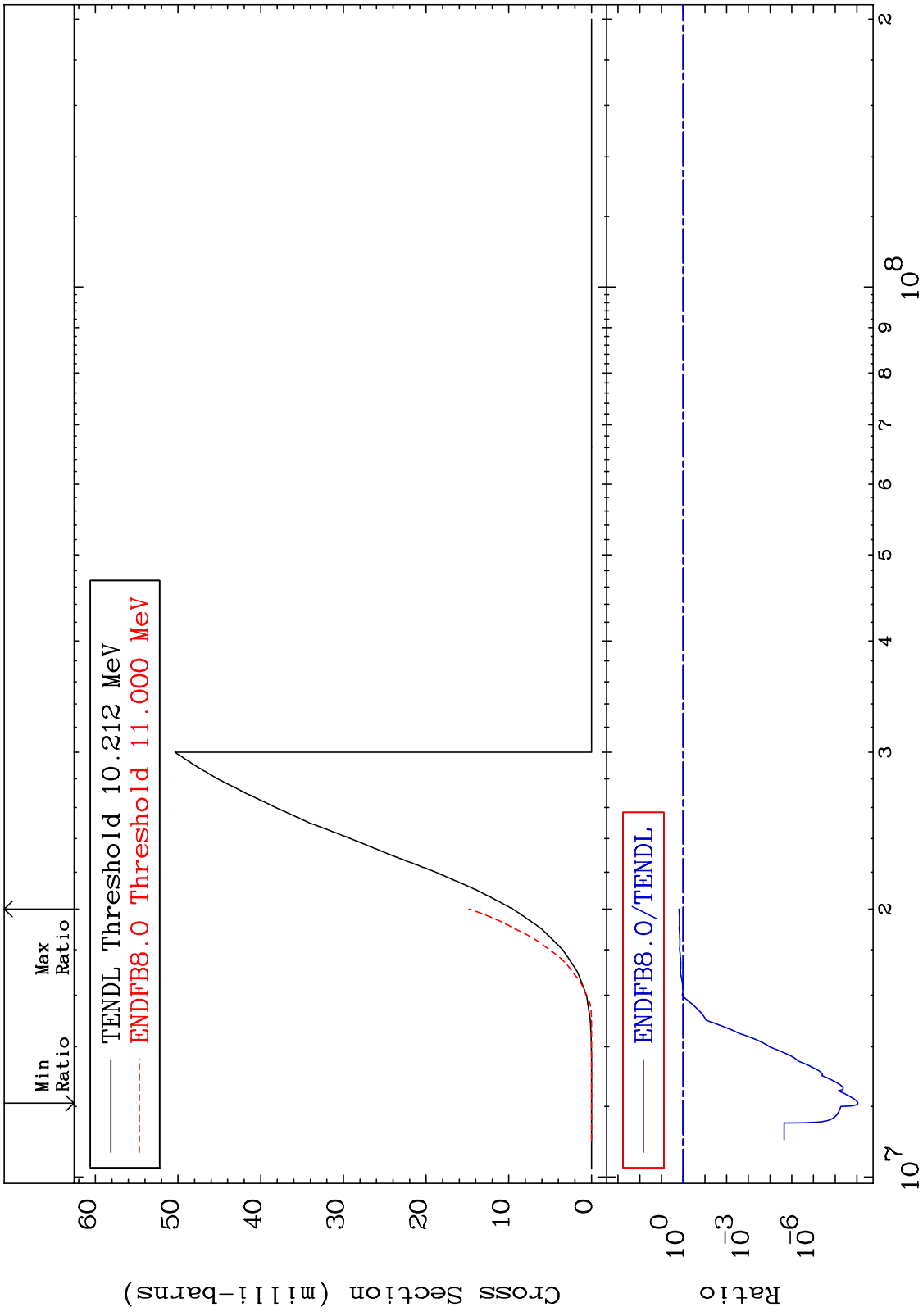
MAT 5046 (n,3n) Cross Section 50-Sn-119 To 116.6 %



MAT 5046  $(n, n') \alpha$  50-Sn-119  
 Cross Section -99.77 To 9999. %



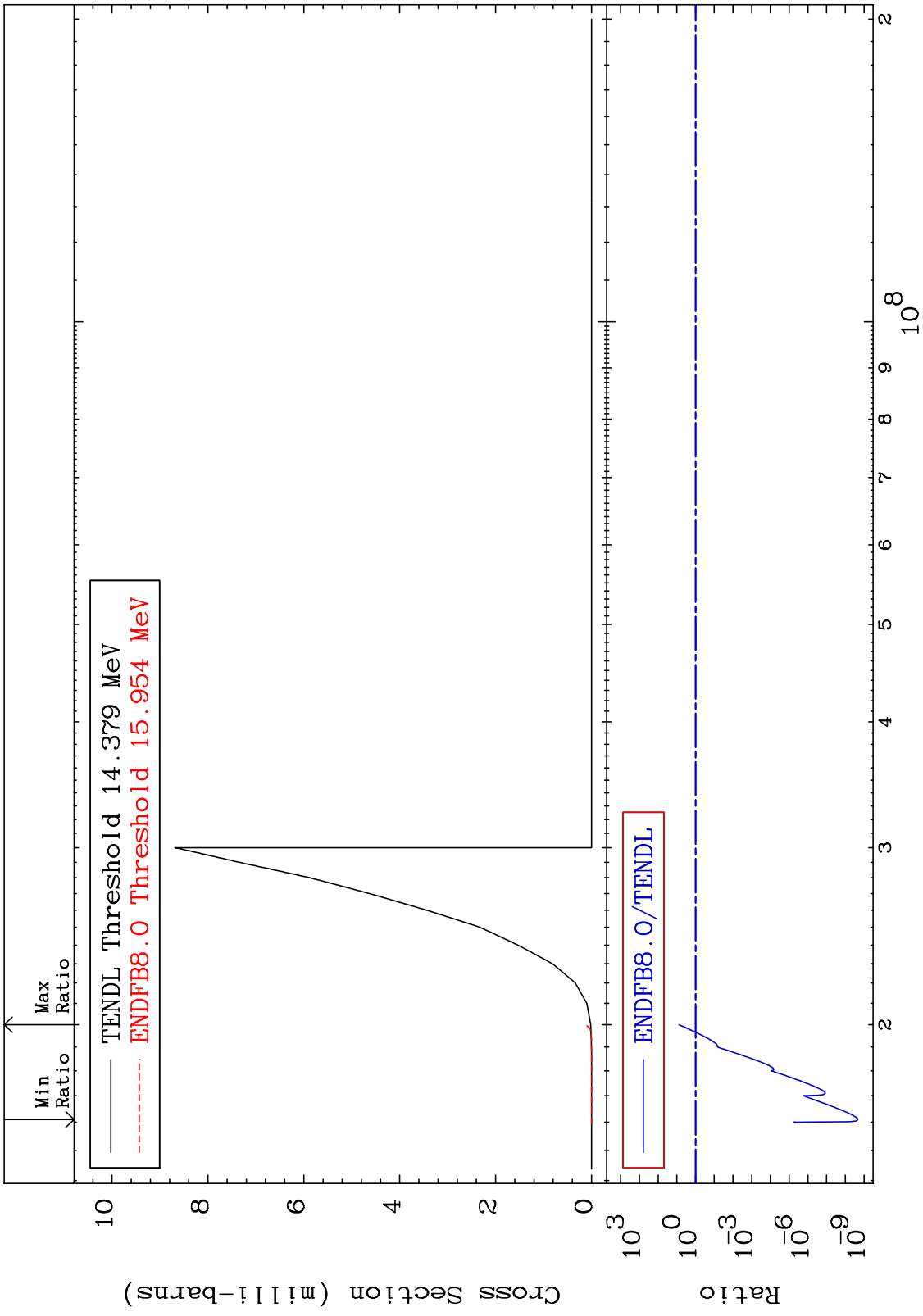
MAT 5046  $(n, n')$  p 50-Sn-119  
 Cross Section -100.0 To 55.86 %



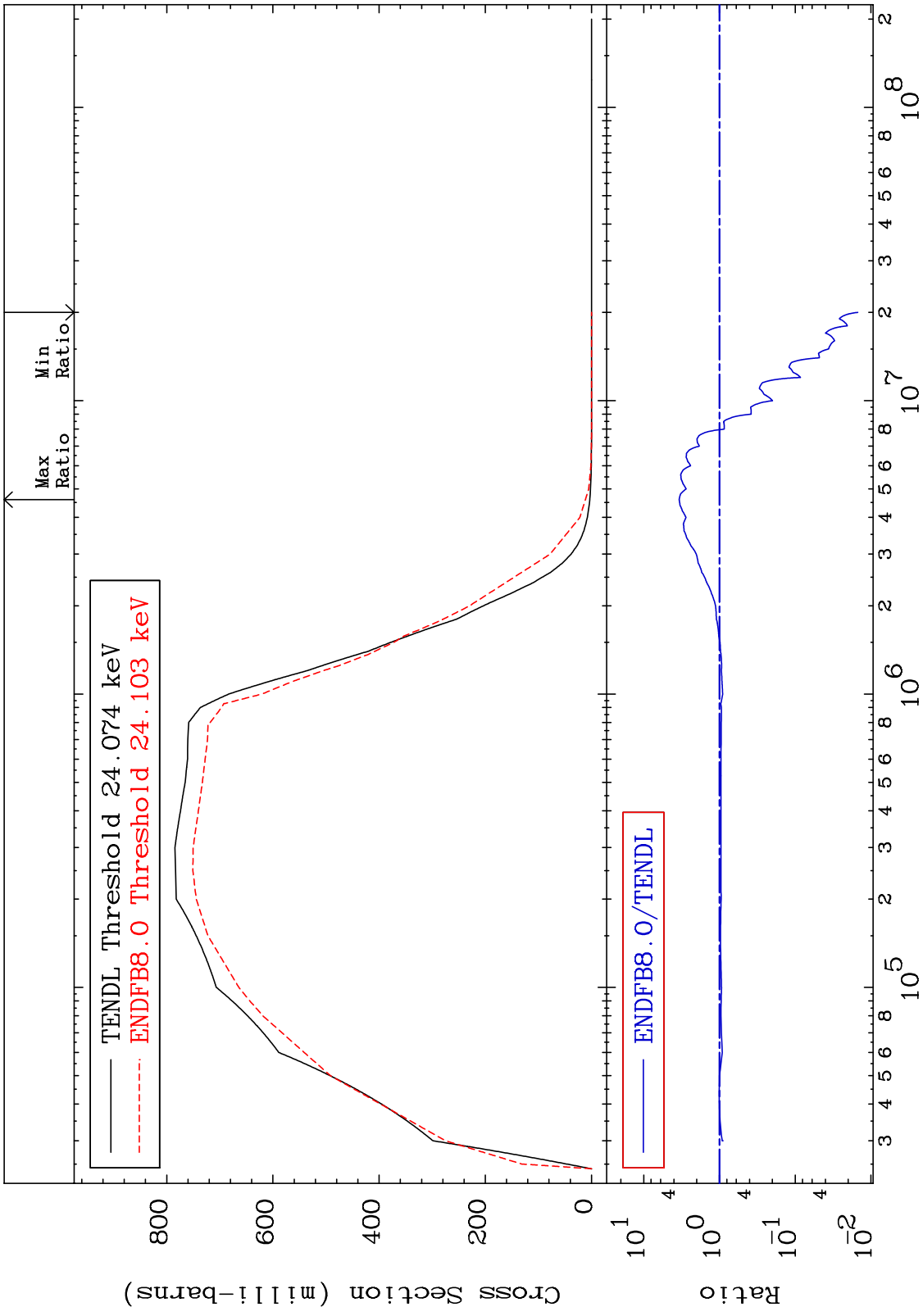
50-Sn-119



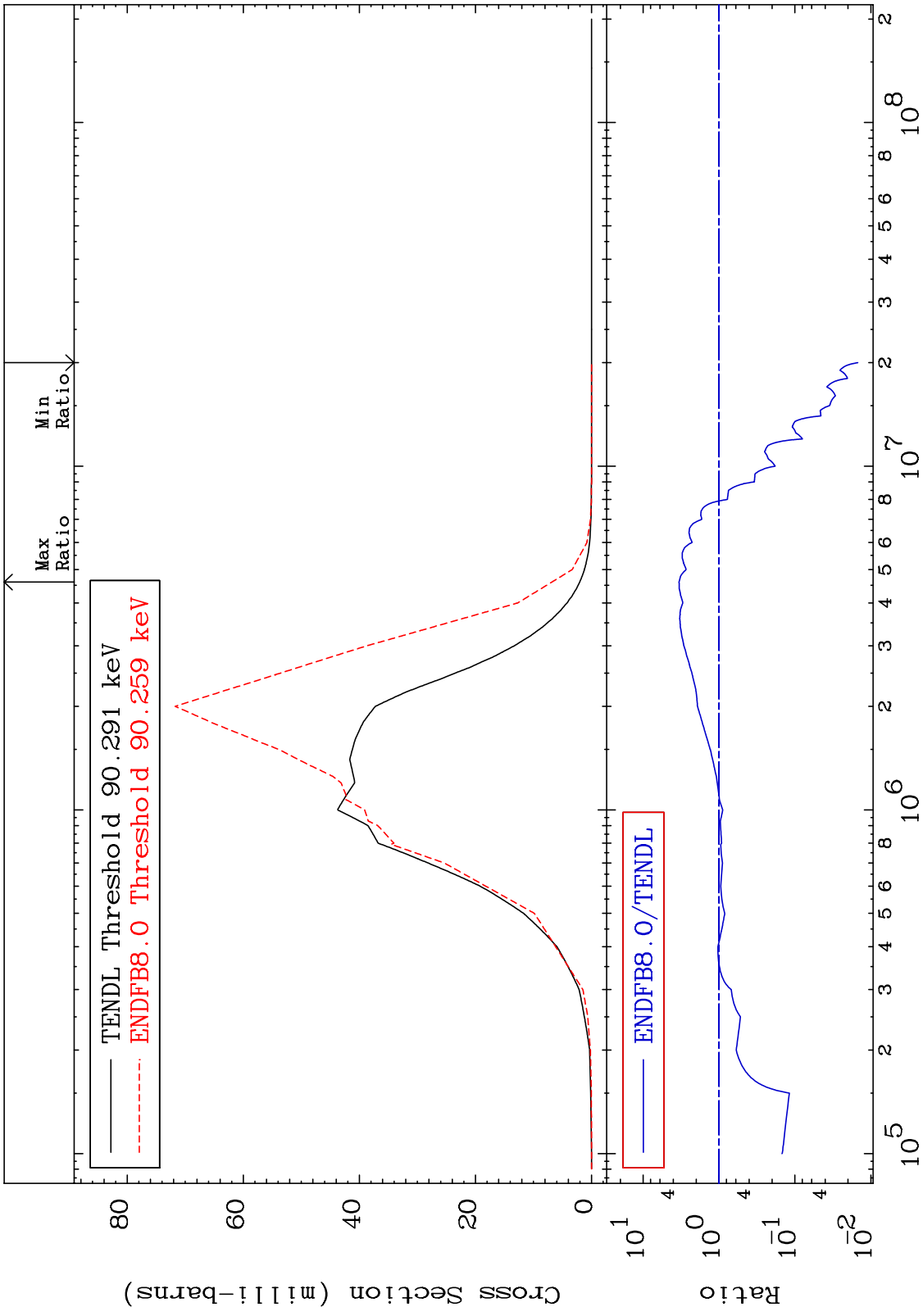
MAT 5046 (n,n') d 50-Sn-119  
 Cross Section -100.0 To 661.3 %



MAT 5046      MT= 51 (n,n') Level Cross Section      50-Sn-119  
 -98.51 To 241.7 %

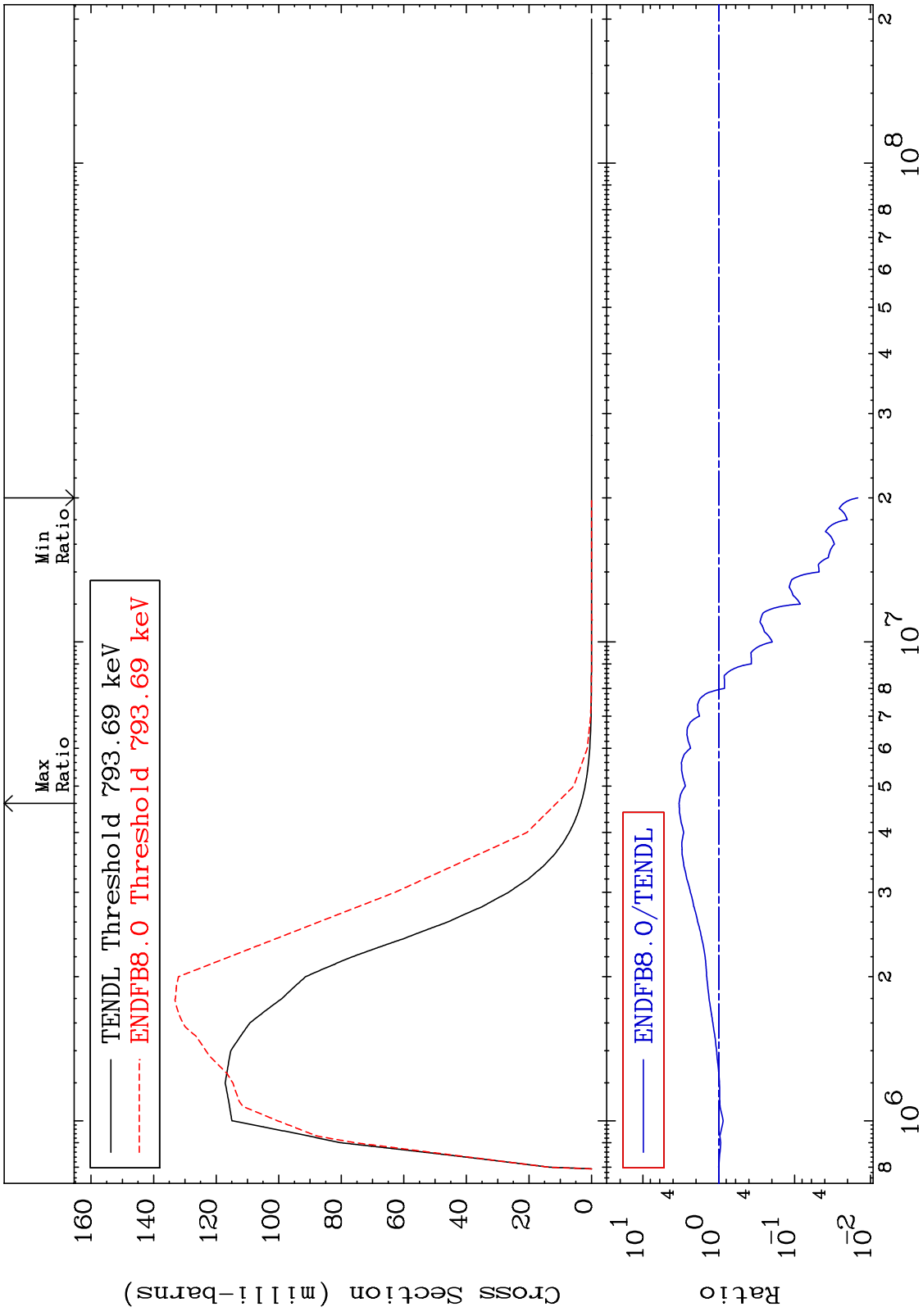


MAT 5046 MT= 52 (n,n') Level Cross Section 50-Sn-119 -98.52 To 236.7 %



10 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup> Incident Energy (eV) 50-Sn-119

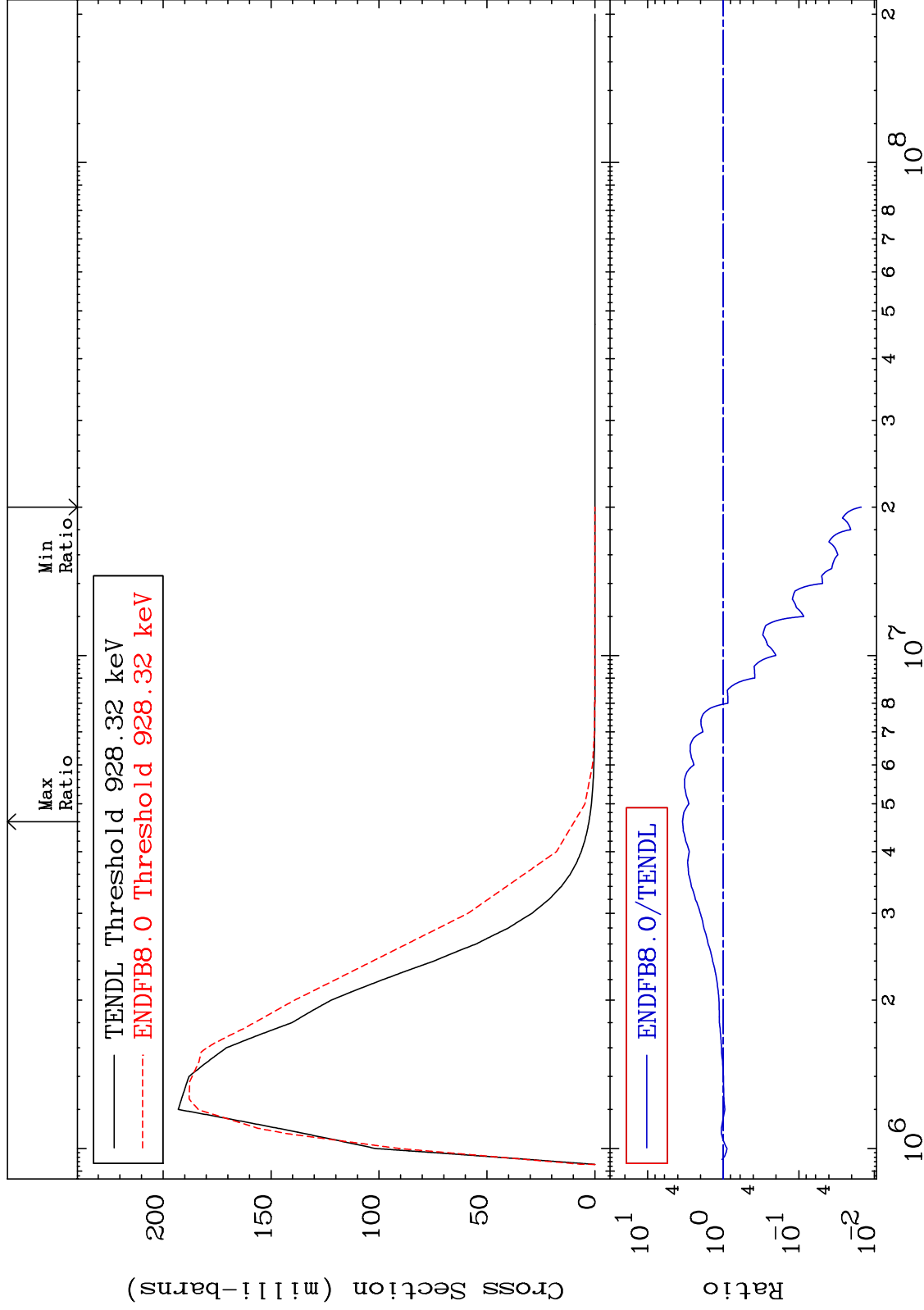
MAT 5046 MT= 53 (n,n') Level Cross Section 50-Sn-119  
 -98.53 To 234.3 %



MAT 5046

MT= 54 (n,n') Level  
Cross Section

50-Sn-119  
-98.51 To 246.4 %

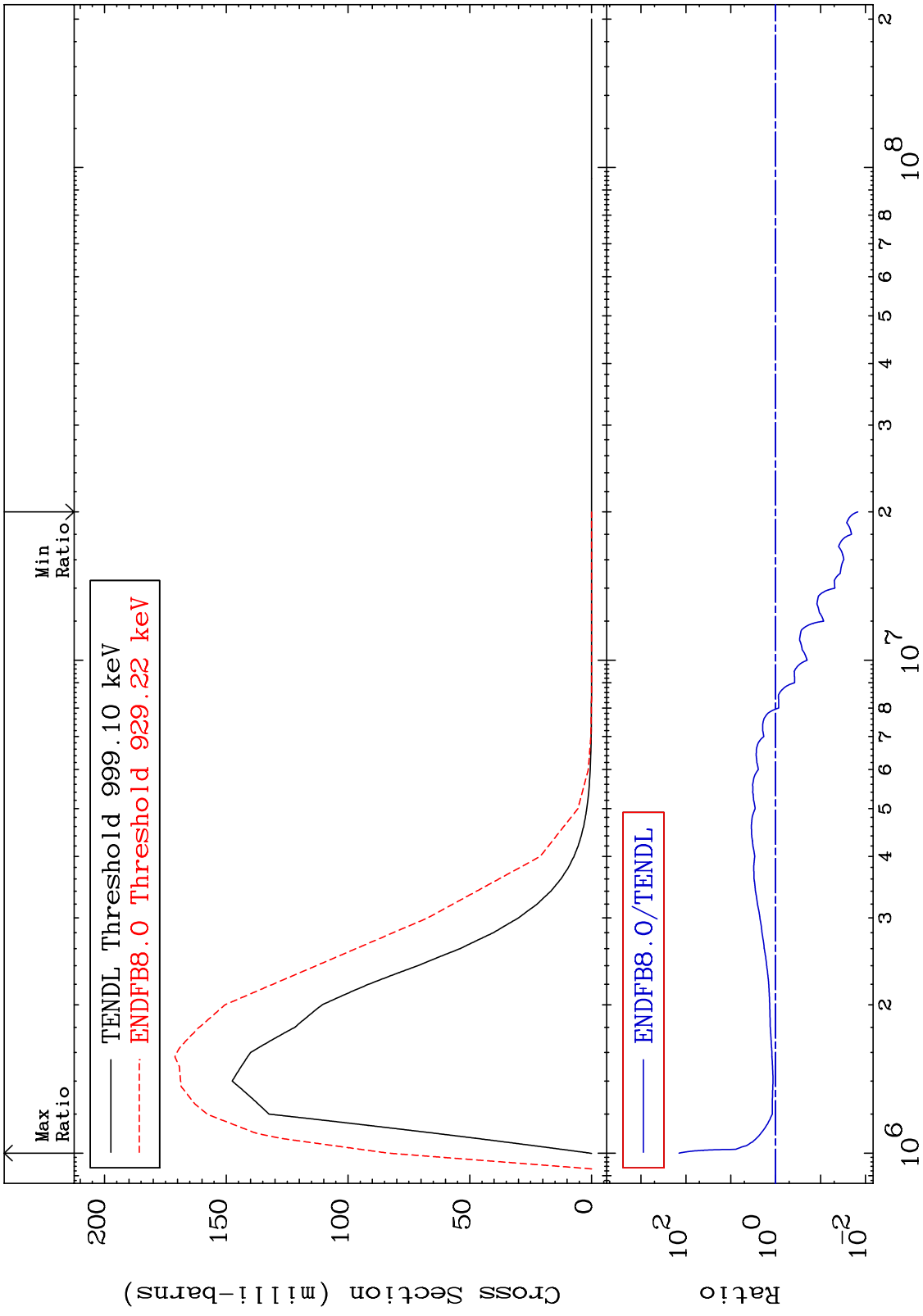


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Incident Energy (eV)

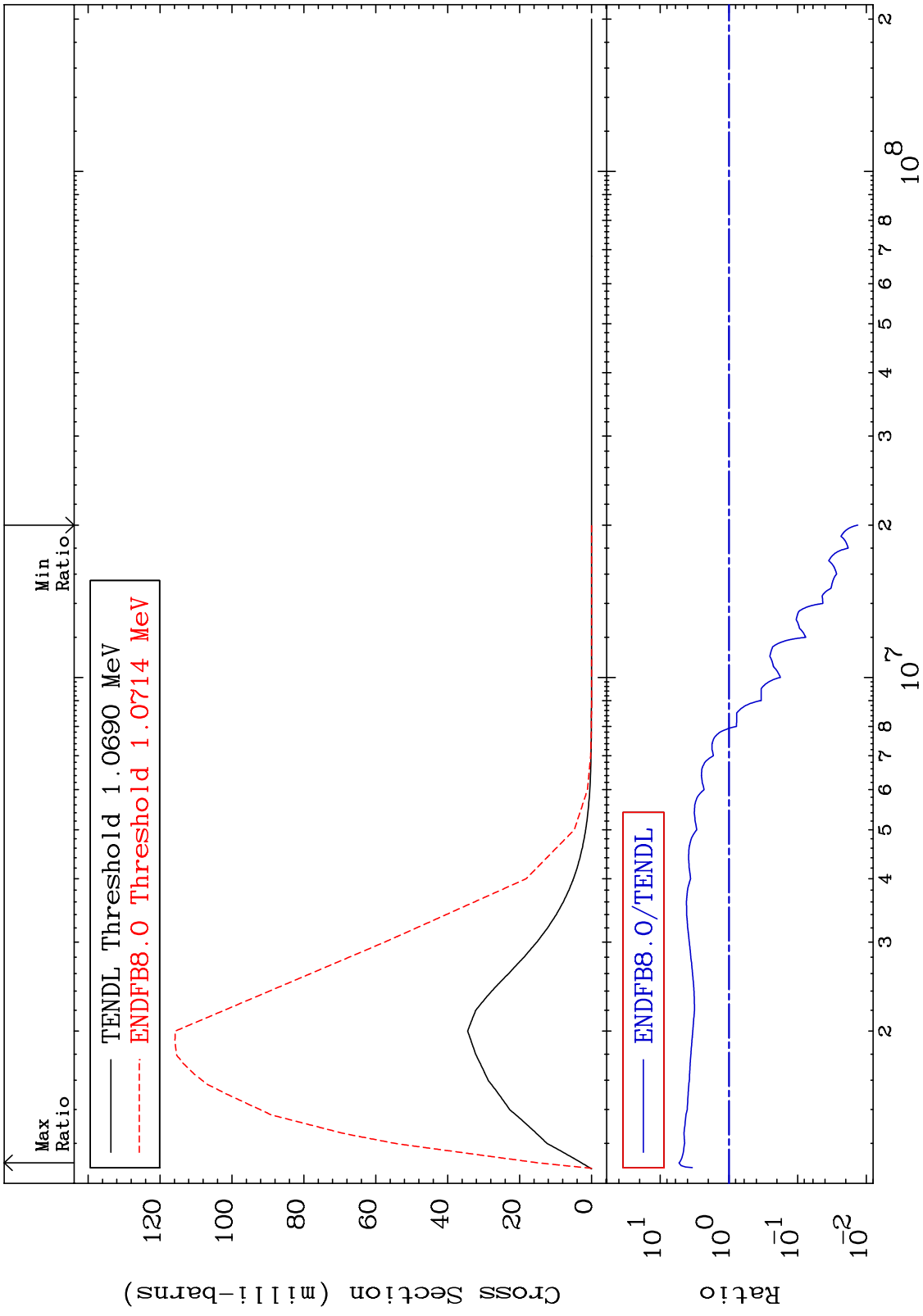
50-Sn-119

MAT 5046 MT= 55 (n,n') Level Cross Section 50-Sn-119 -98.52 To 9999. %

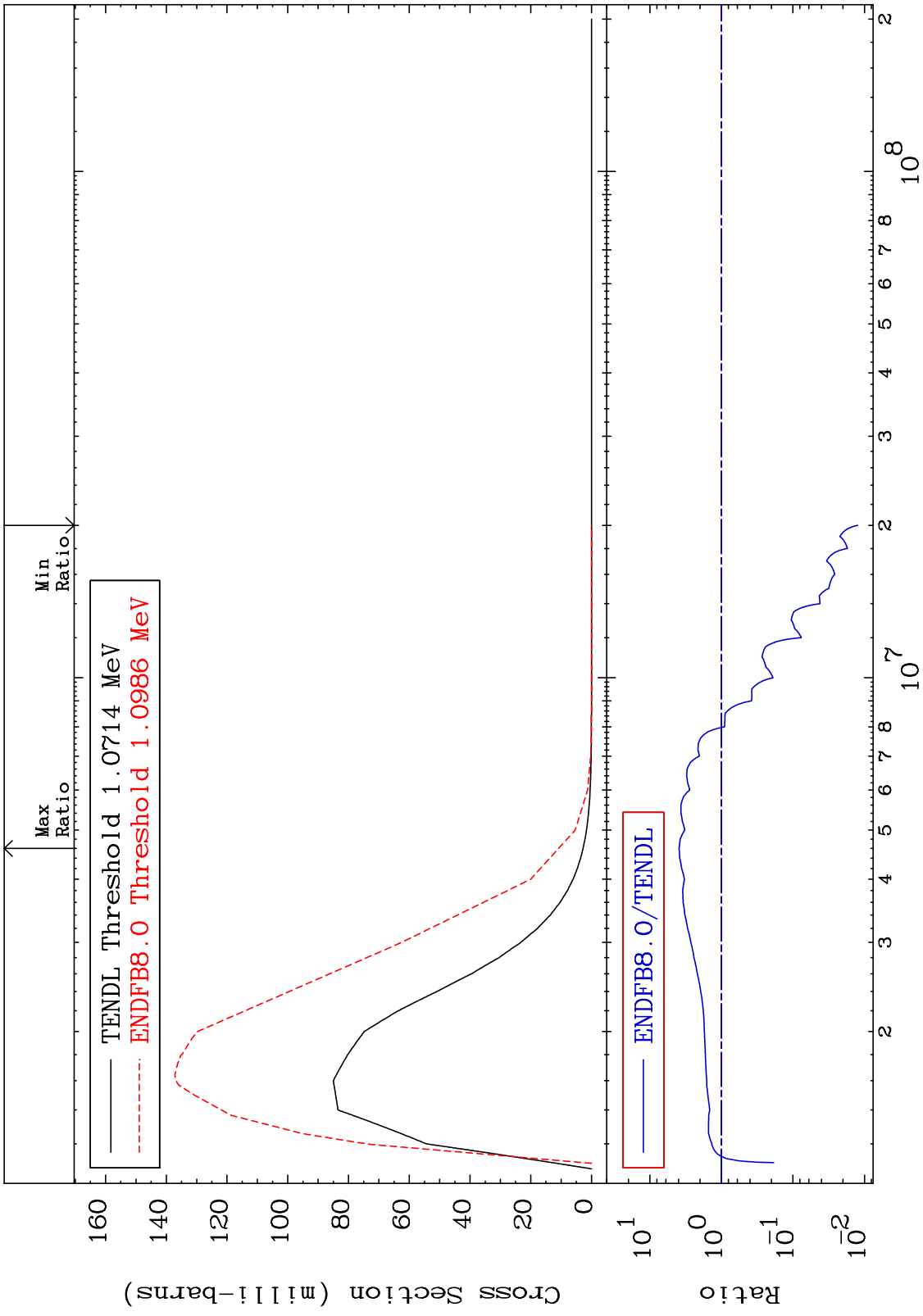


13 Incident Energy (eV) 50-Sn-119

MAT 5046 MT= 56 (n,n') Level Cross Section 50-Sn-119 -98.67 To 432.2 %

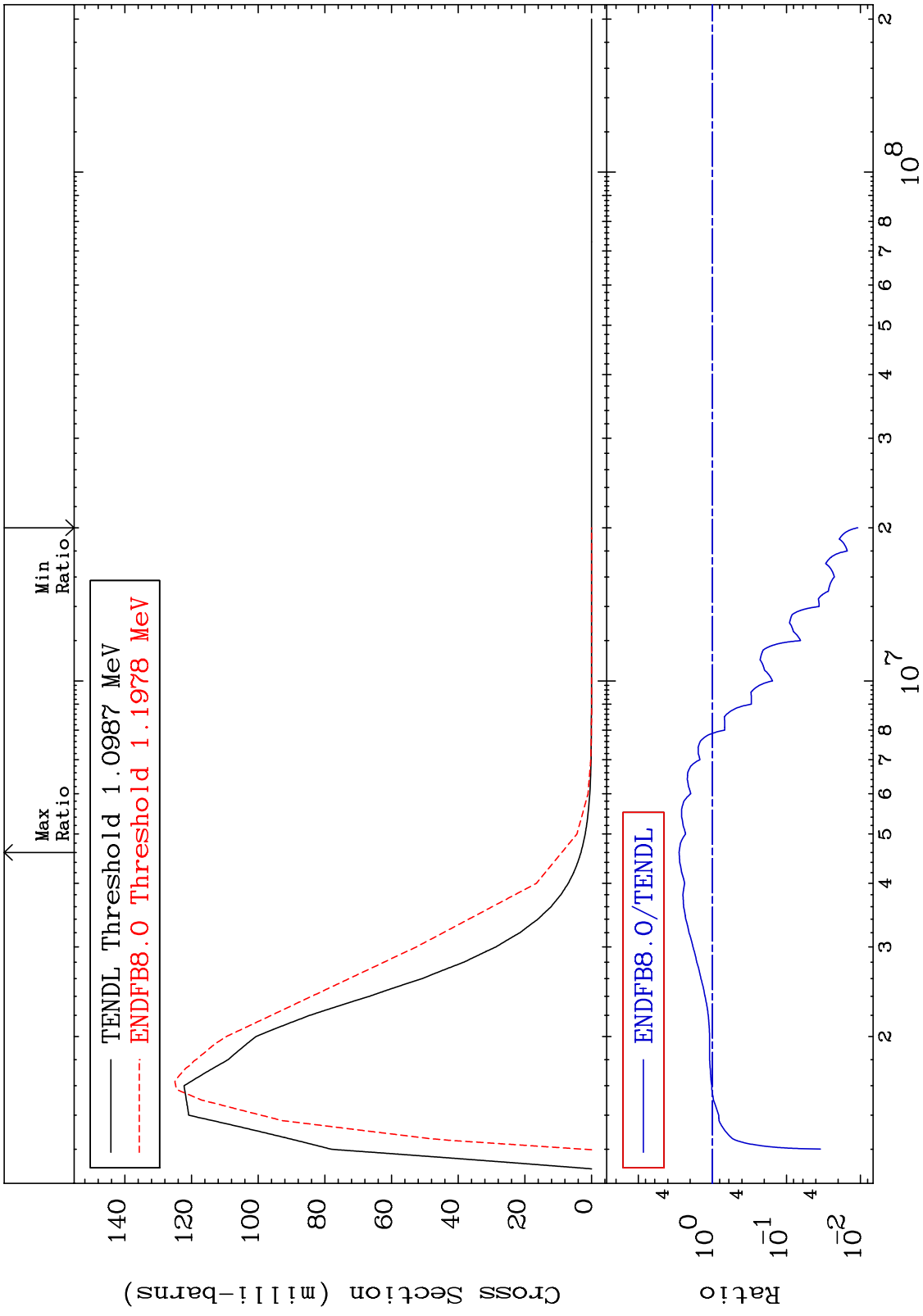


MAT 5046 MT= 57 (n,n') Level Cross Section 50-Sn-119  
 -98.76 To 292.2 %

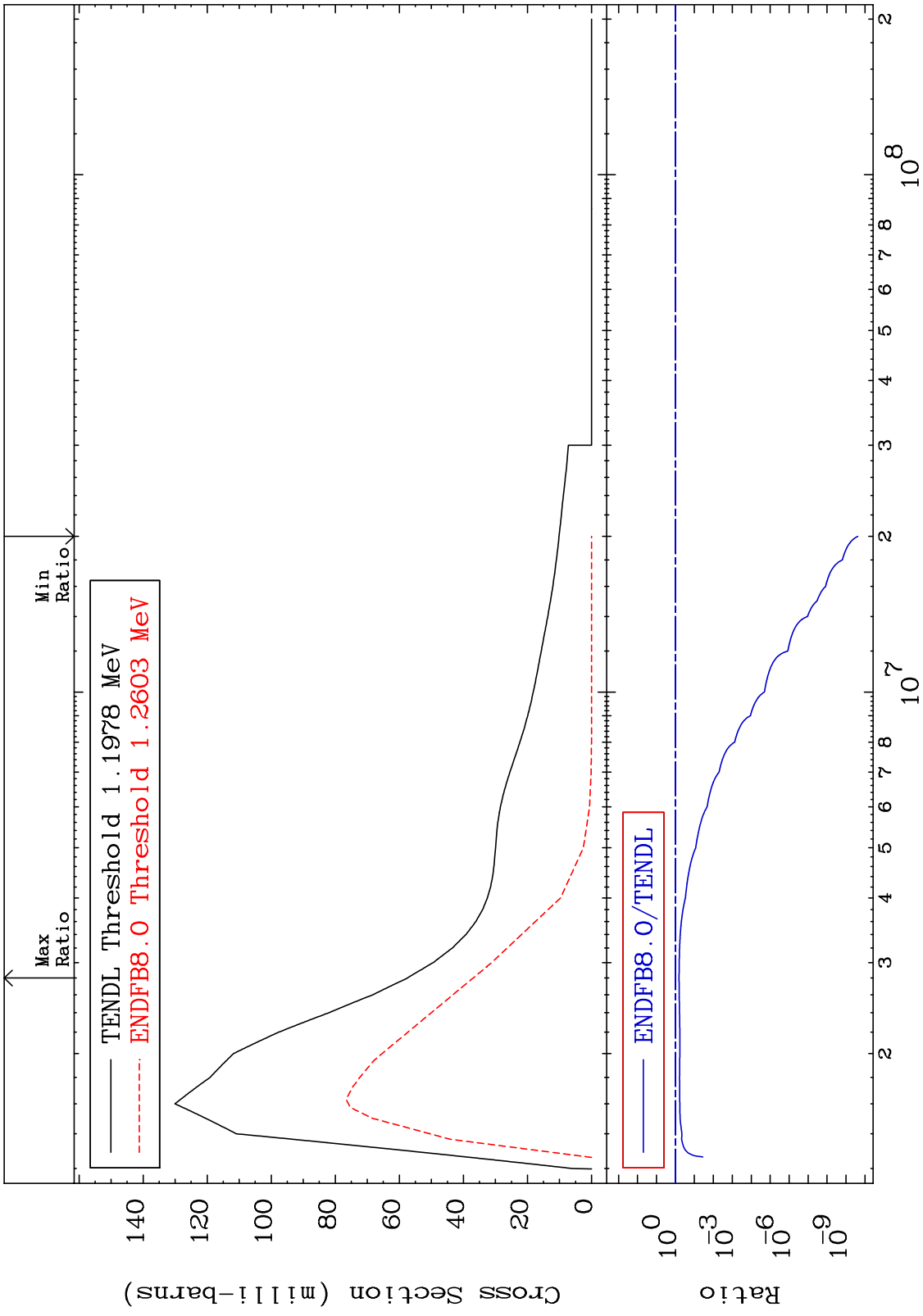




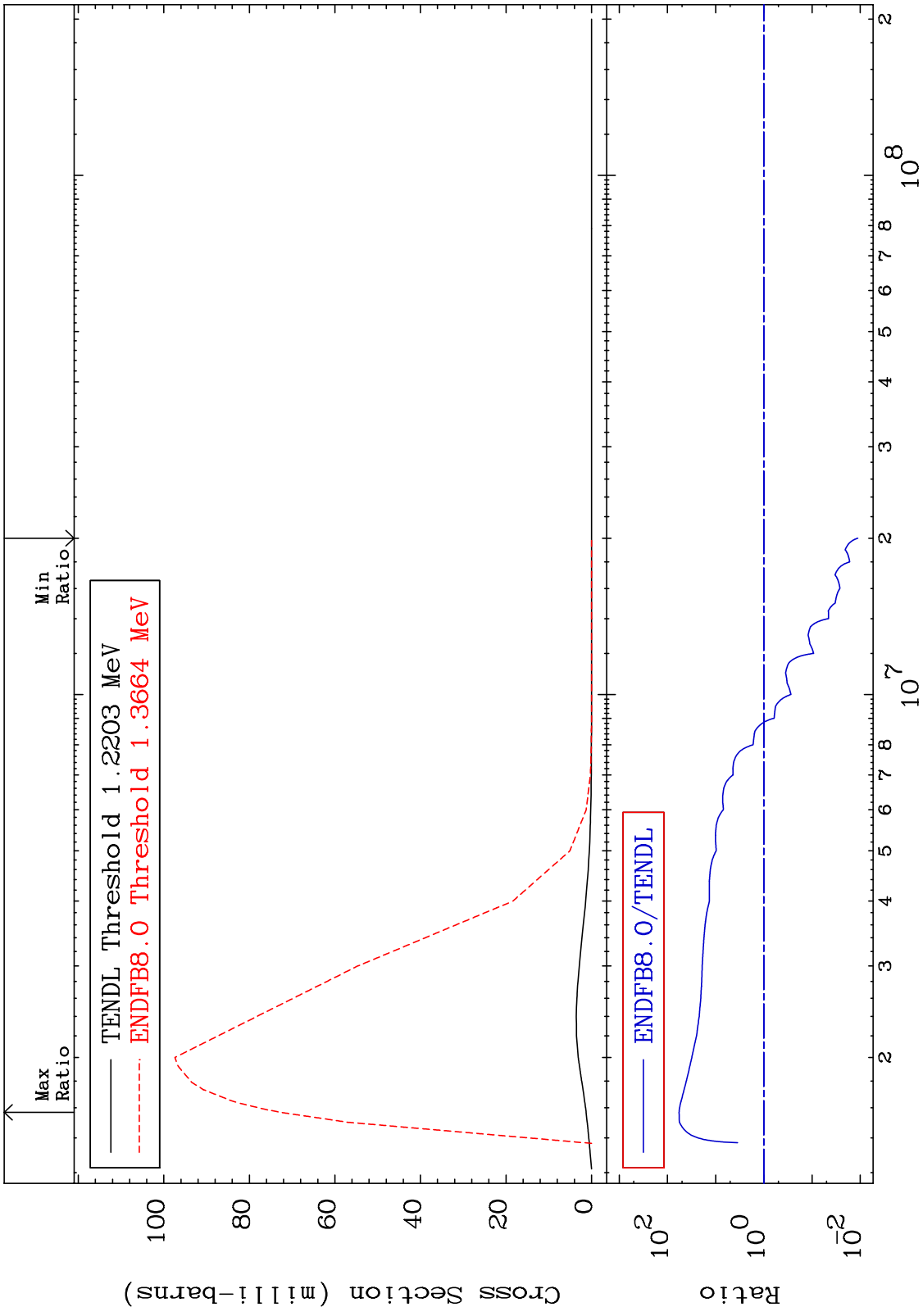
MAT 5046 MT= 58 (n,n') Level Cross Section 50-Sn-119 -98.92 To 182.0 %



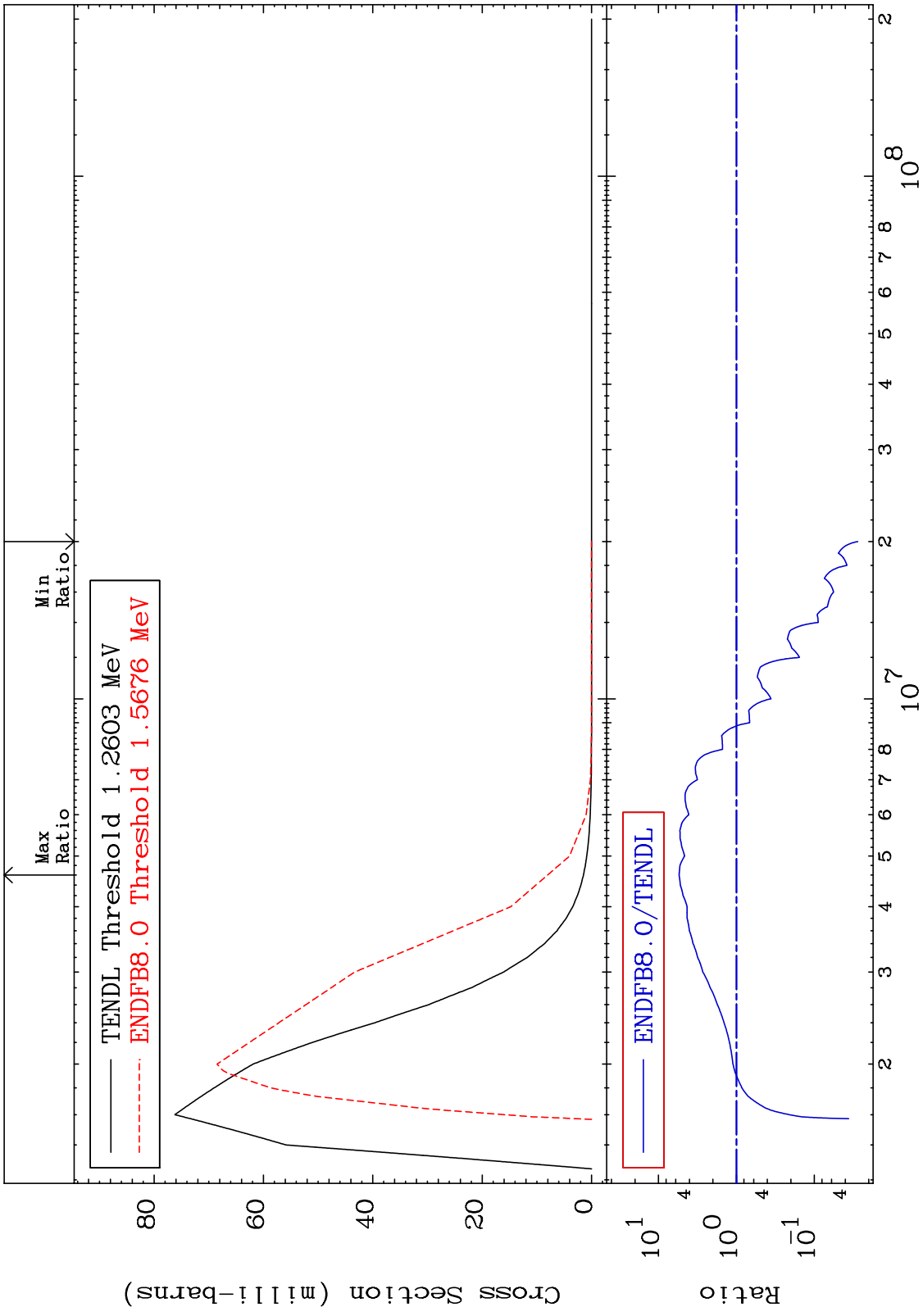
MAT 5046 MT= 59 (n,n') Level Cross Section 50-Sn-119 -100.0 To -35.65%



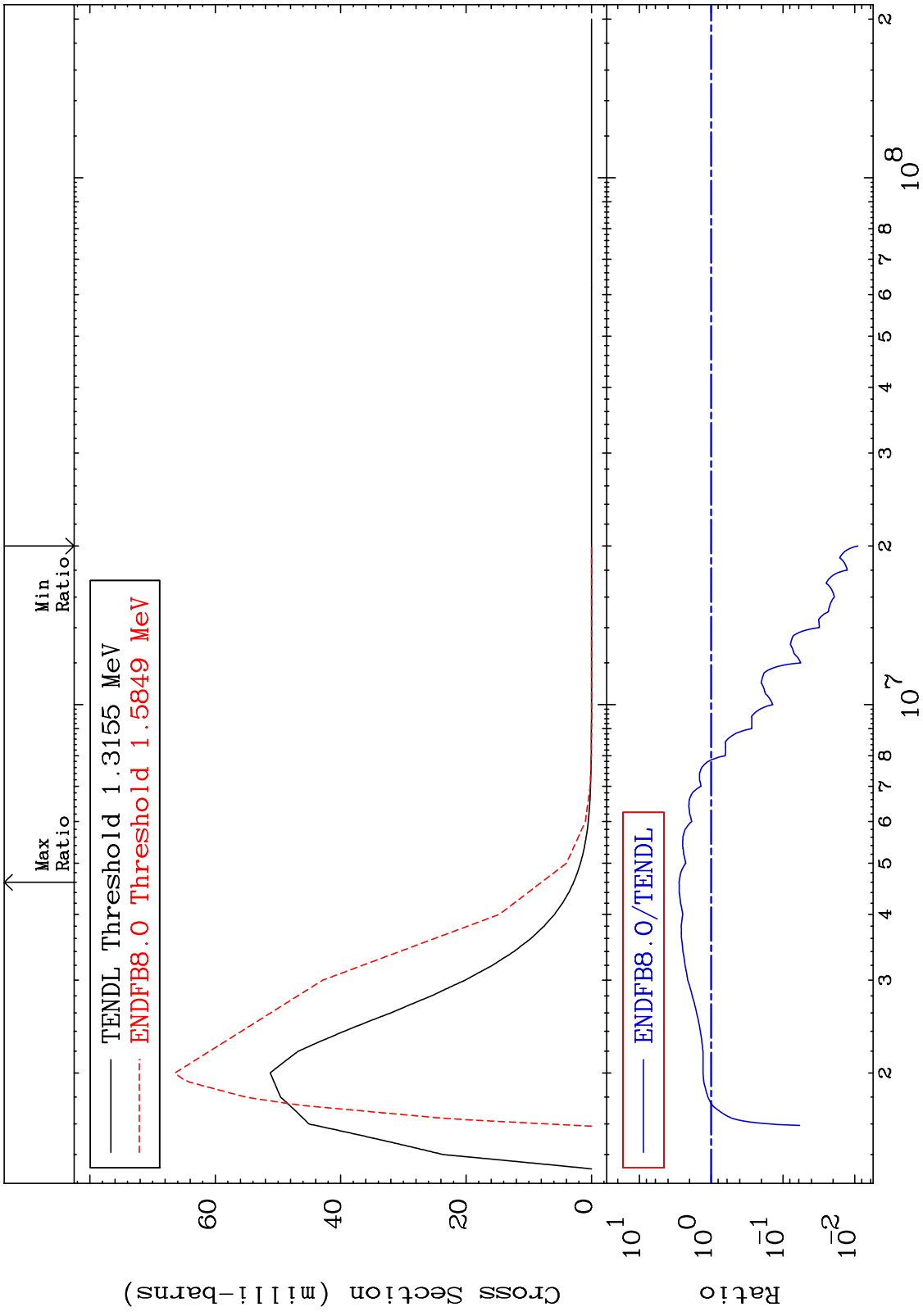
MAT 5046 MT= 60 (n,n') Level Cross Section 50-Sn-119 -98.88 To 5645. %



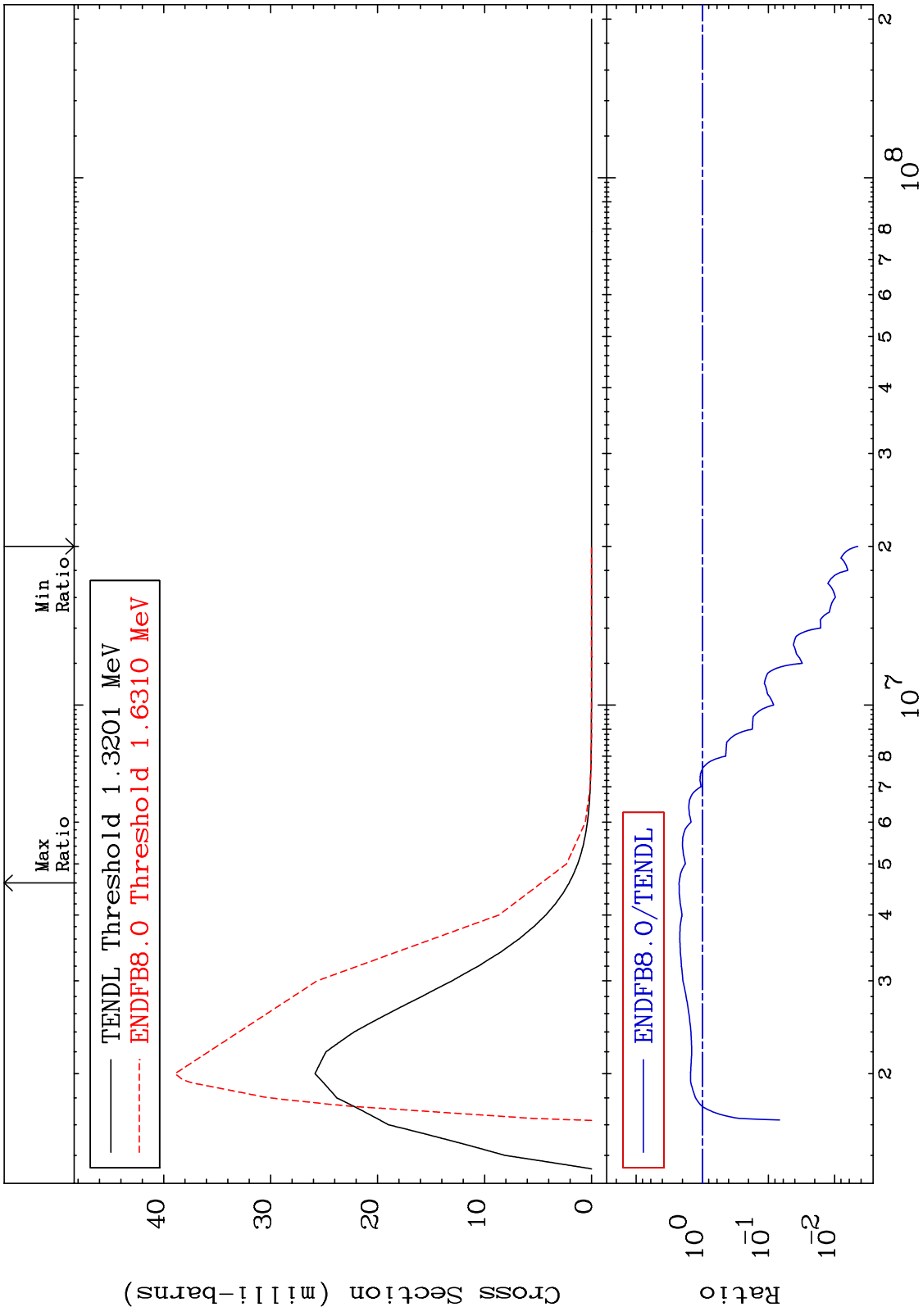
MAT 5046 MT= 61 (n,n') Level Cross Section 50-Sn-119 -97.24 To 444.0 %



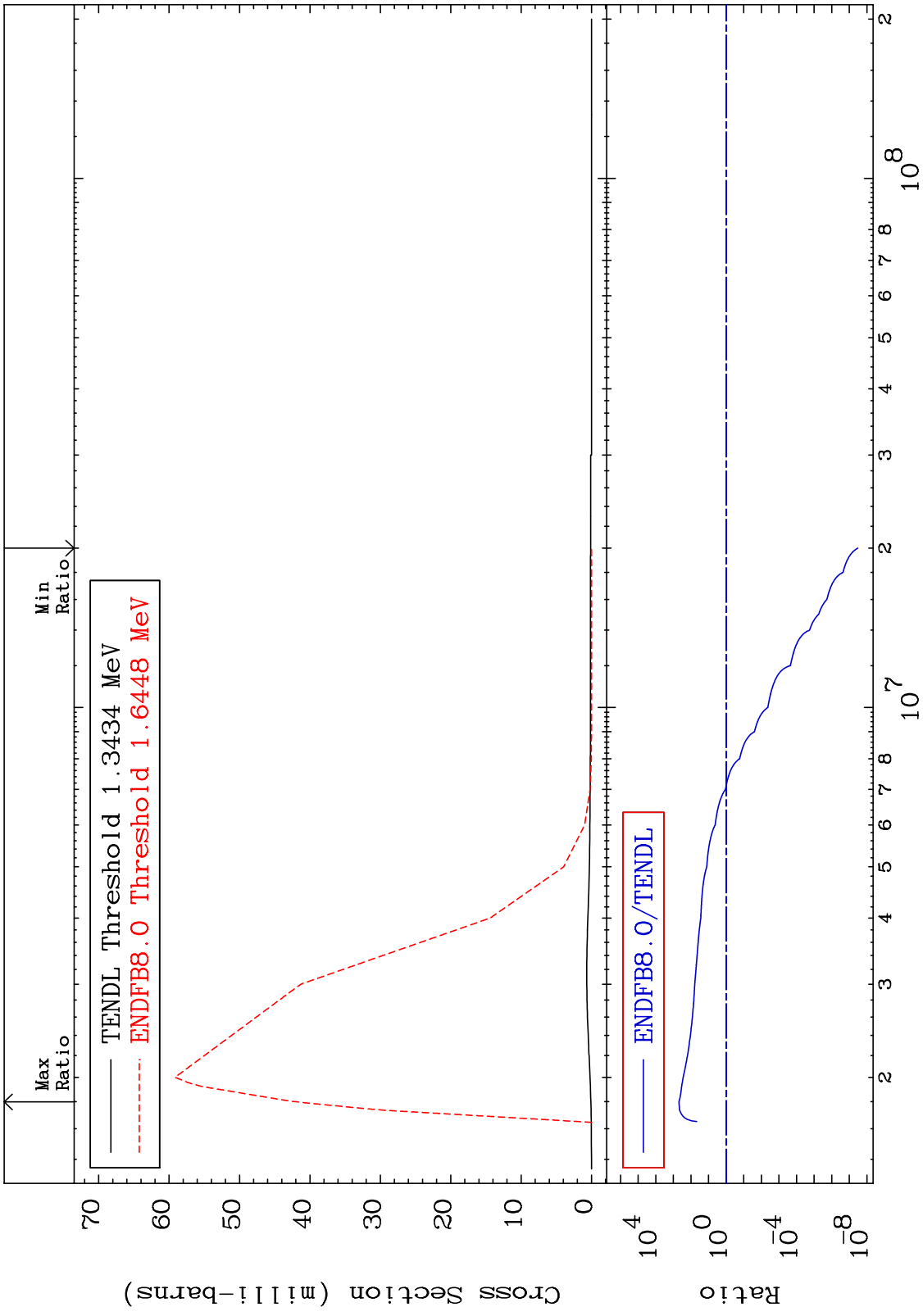
MAT 5046 MT= 62 (n,n') Level Cross Section 50-Sn-119  
 -99.10 To 180.4 %



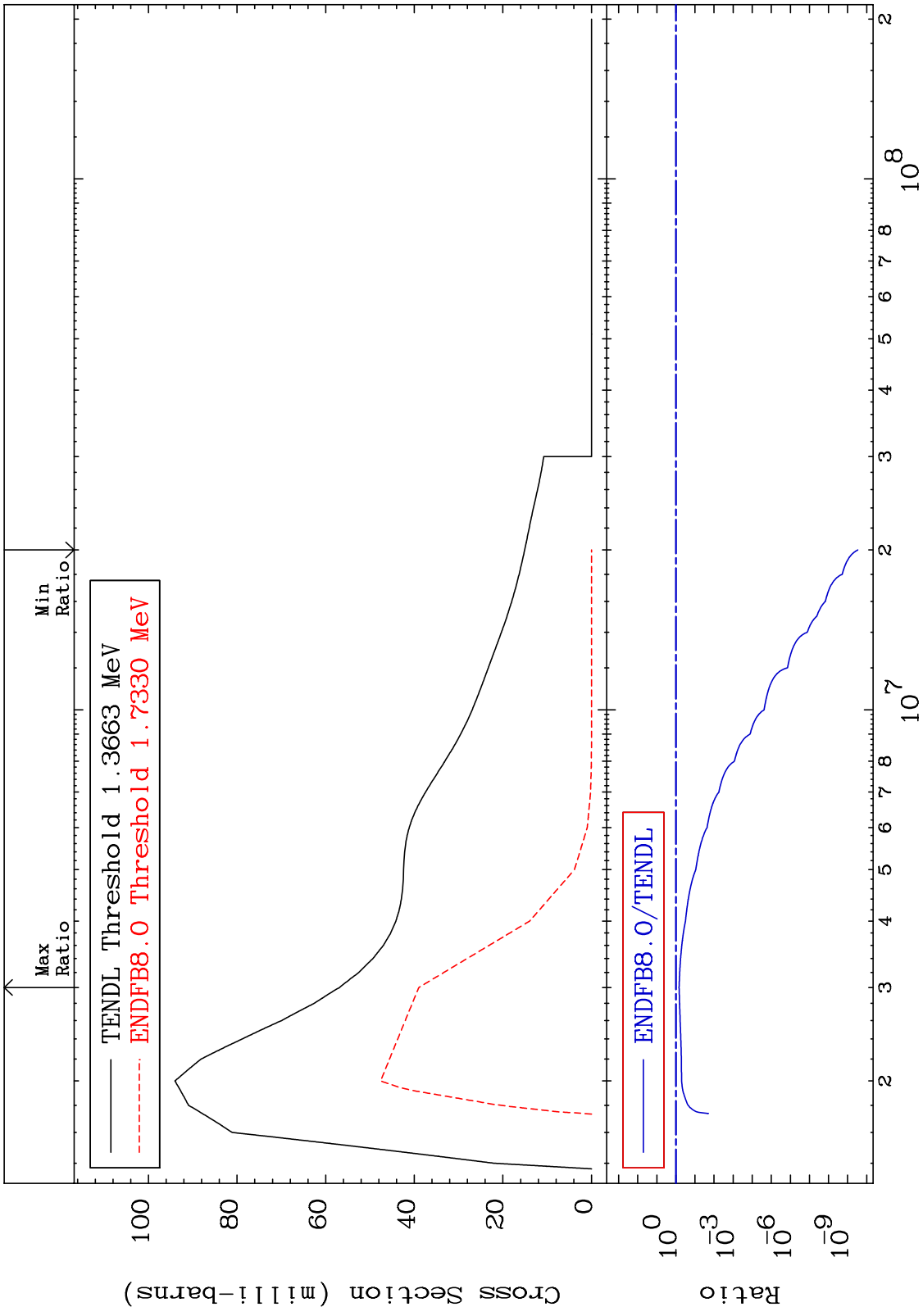
MAT 5046 MT= 63 (n,n') Level Cross Section 50-Sn-119  
 -99.55 To 124.5 %



MAT 5046 MT= 64 (n,n') Level Cross Section 50-Sn-119  
 -100.0 To 9999. %

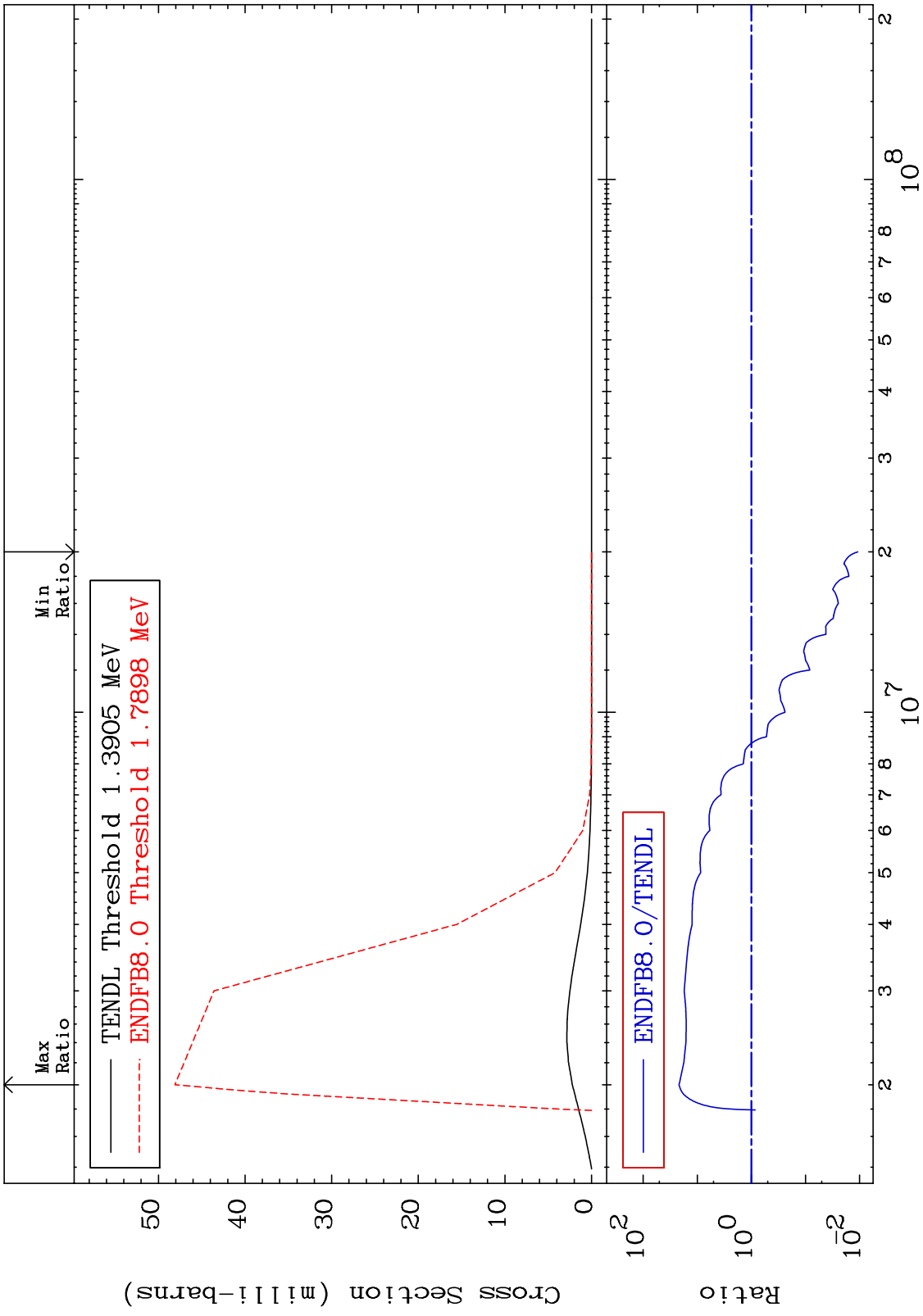


MAT 5046 MT= 65 (n,n') Level Cross Section 50-Sn-119  
 -100.0 To -31.49%

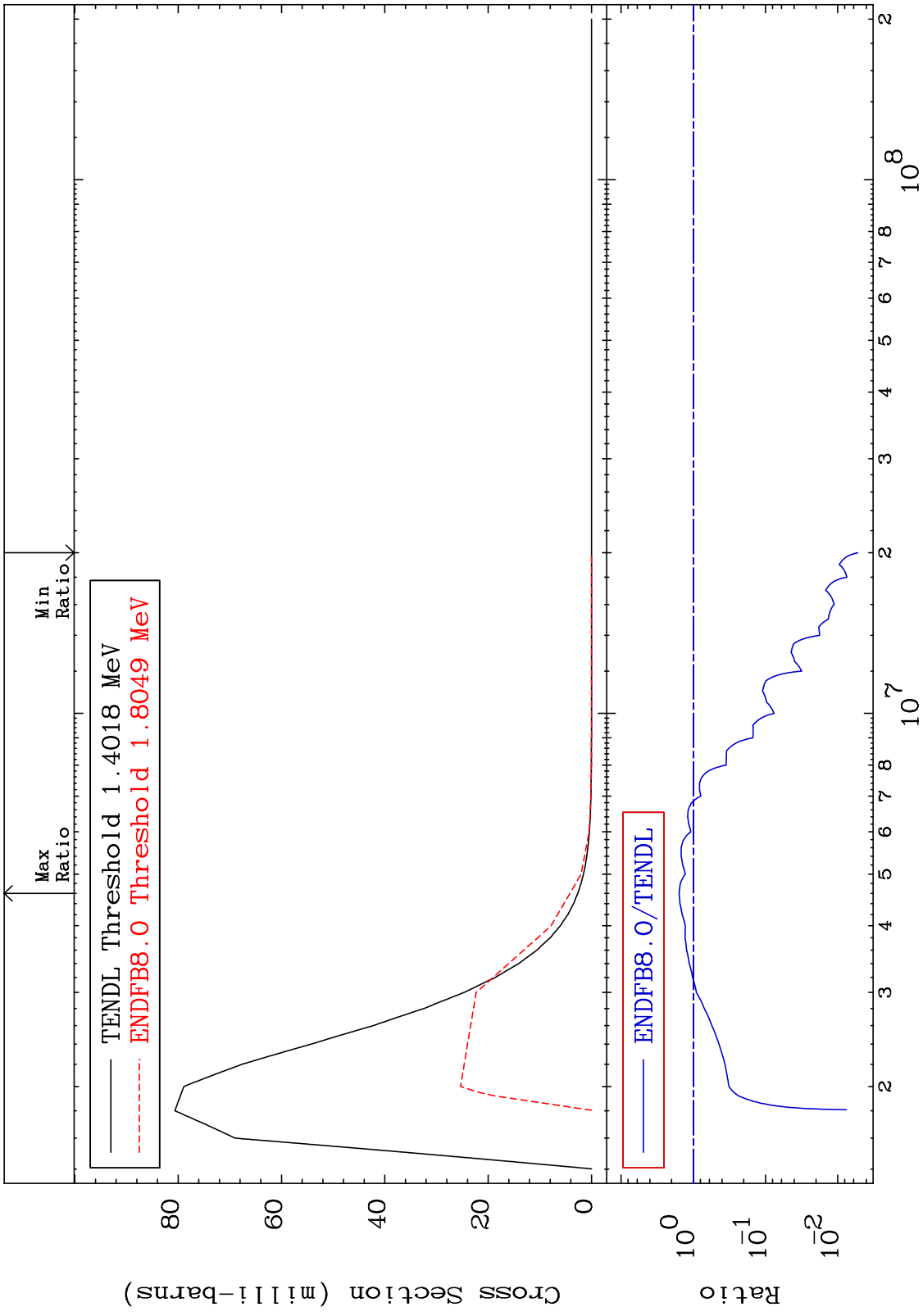




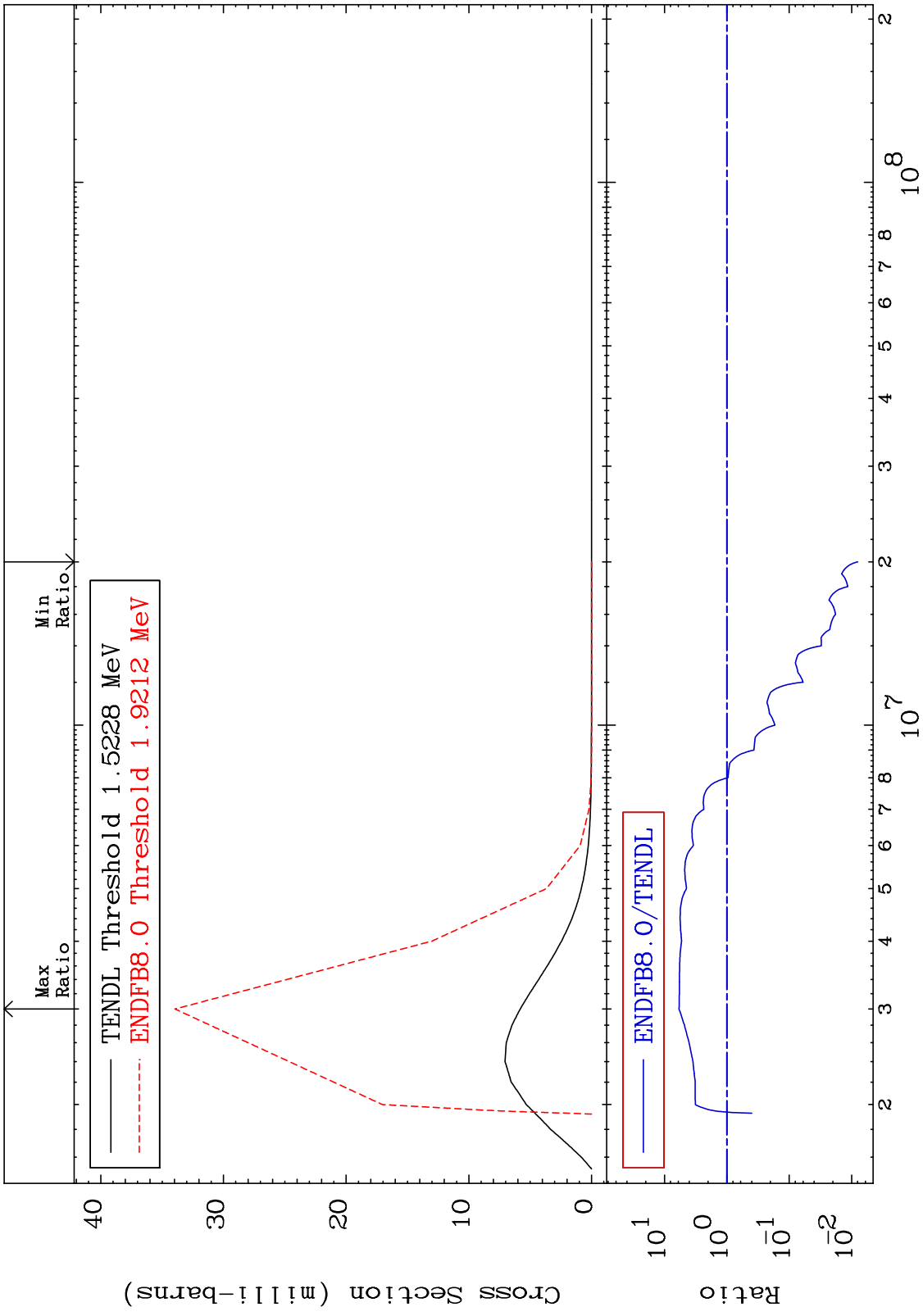
MAT 5046 MT= 66 (n,n') Level Cross Section 50-Sn-119 -98.92 To 2069. %



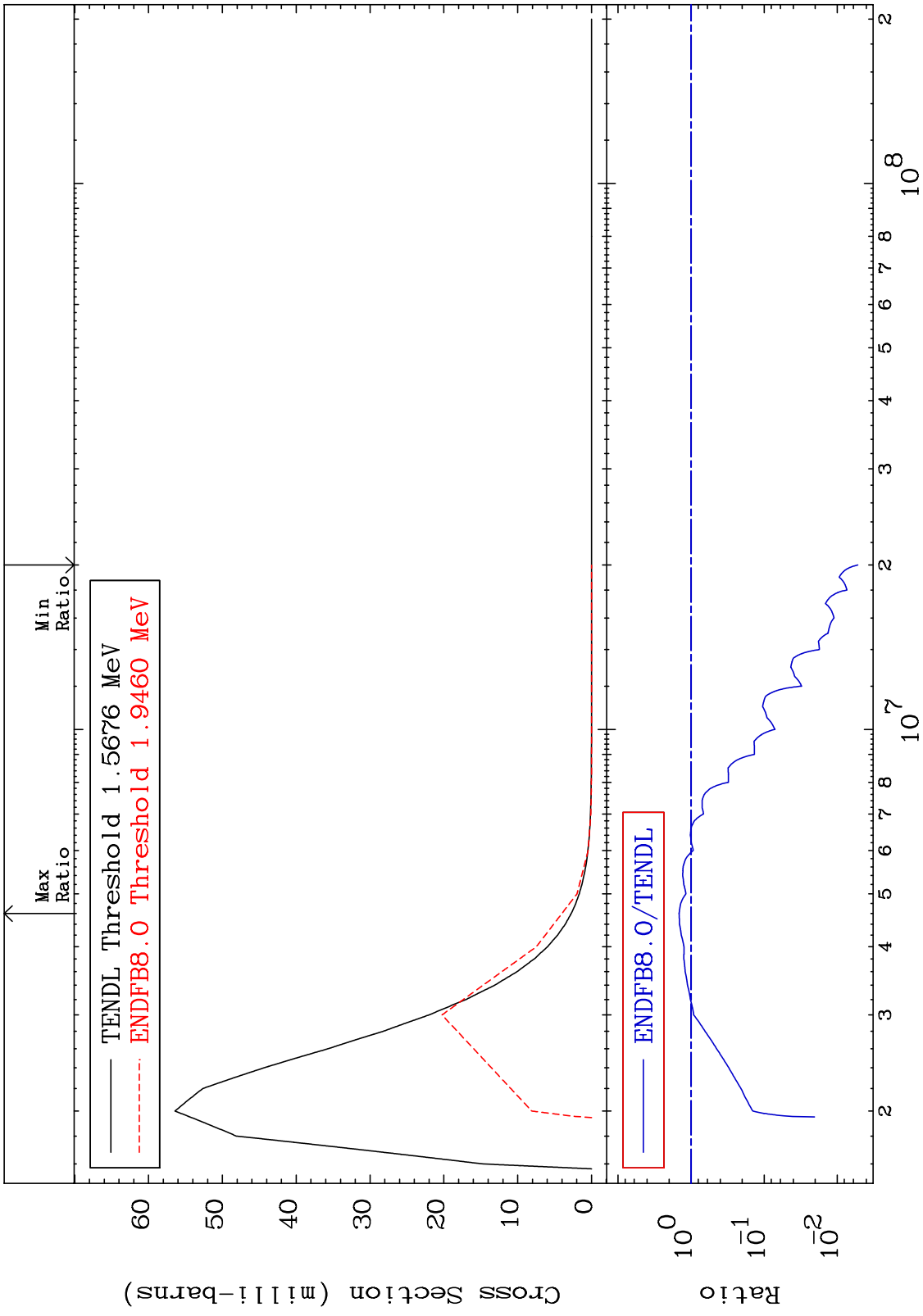
MAT 5046 MT= 67 (n,n') Level Cross Section 50-Sn-119  
 -99.47 To 57.57 %



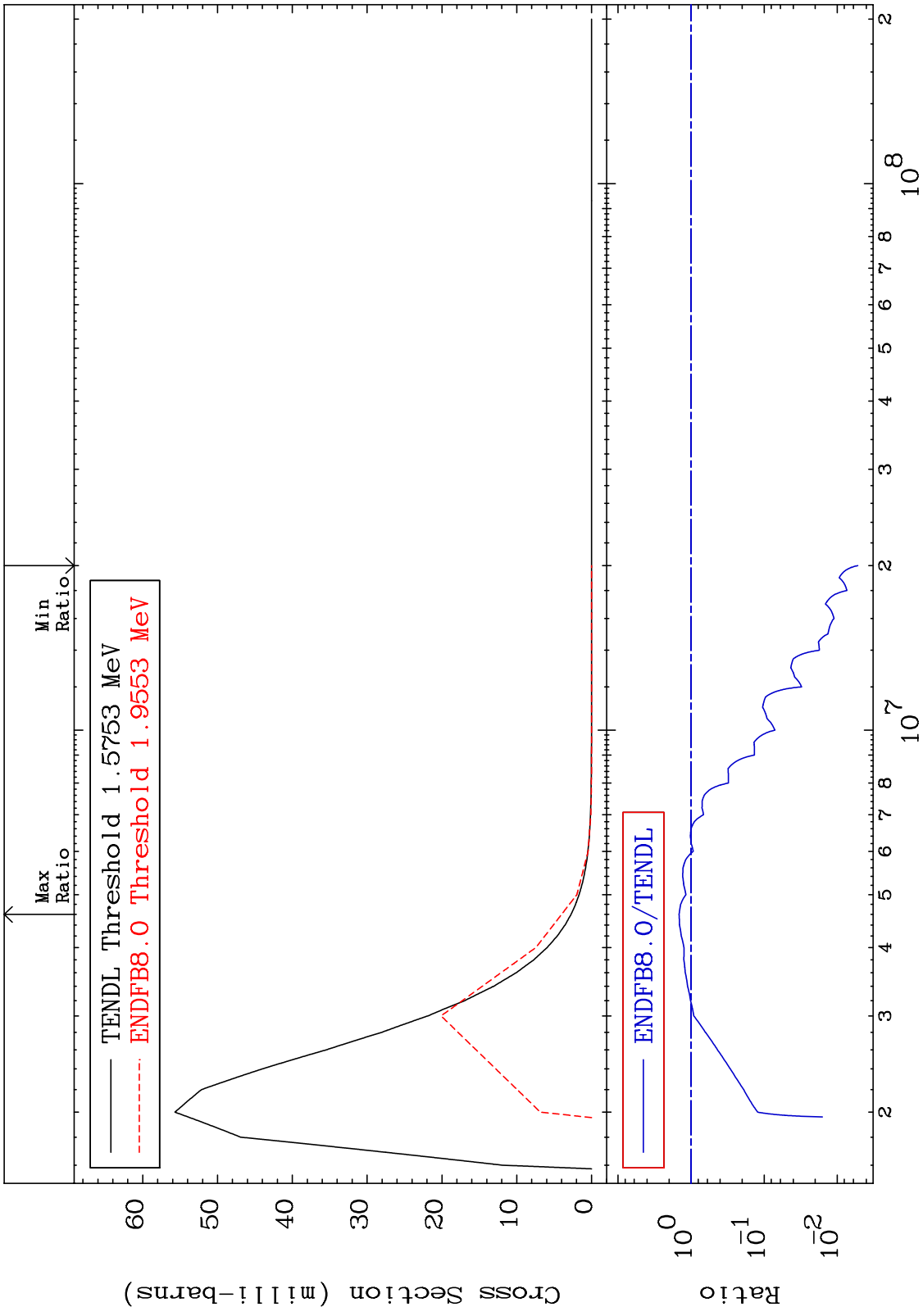
MAT 5046 MT= 68 (n,n') Level Cross Section 50-Sn-119 -99.21 To 484.1 %



MAT 5046 MT= 69 (n,n') Level Cross Section 50-Sn-119 -99.48 To 46.25 %



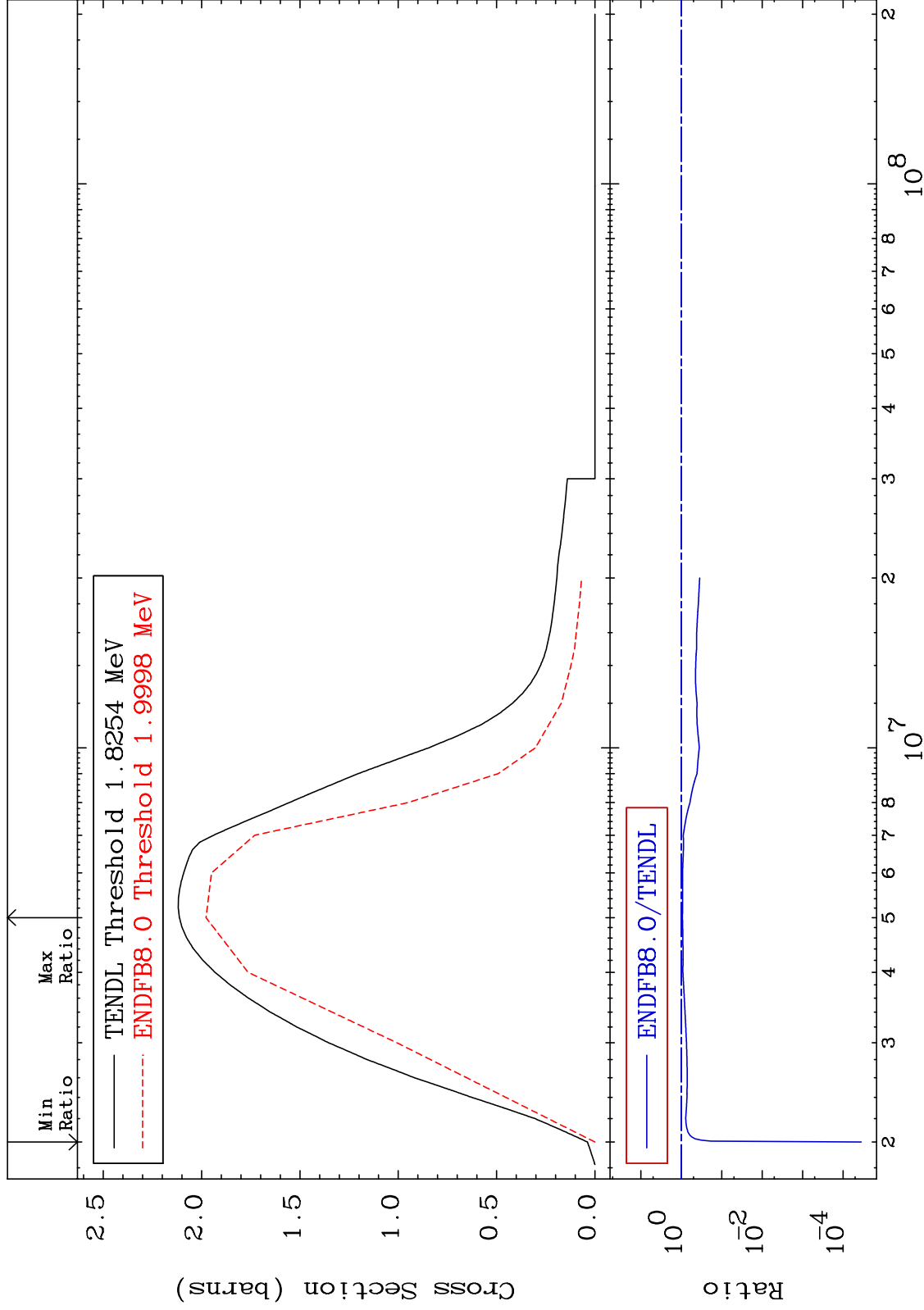
MAT 5046 MT= 70 (n,n') Level Cross Section 50-Sn-119 -99.48 To 46.20 %



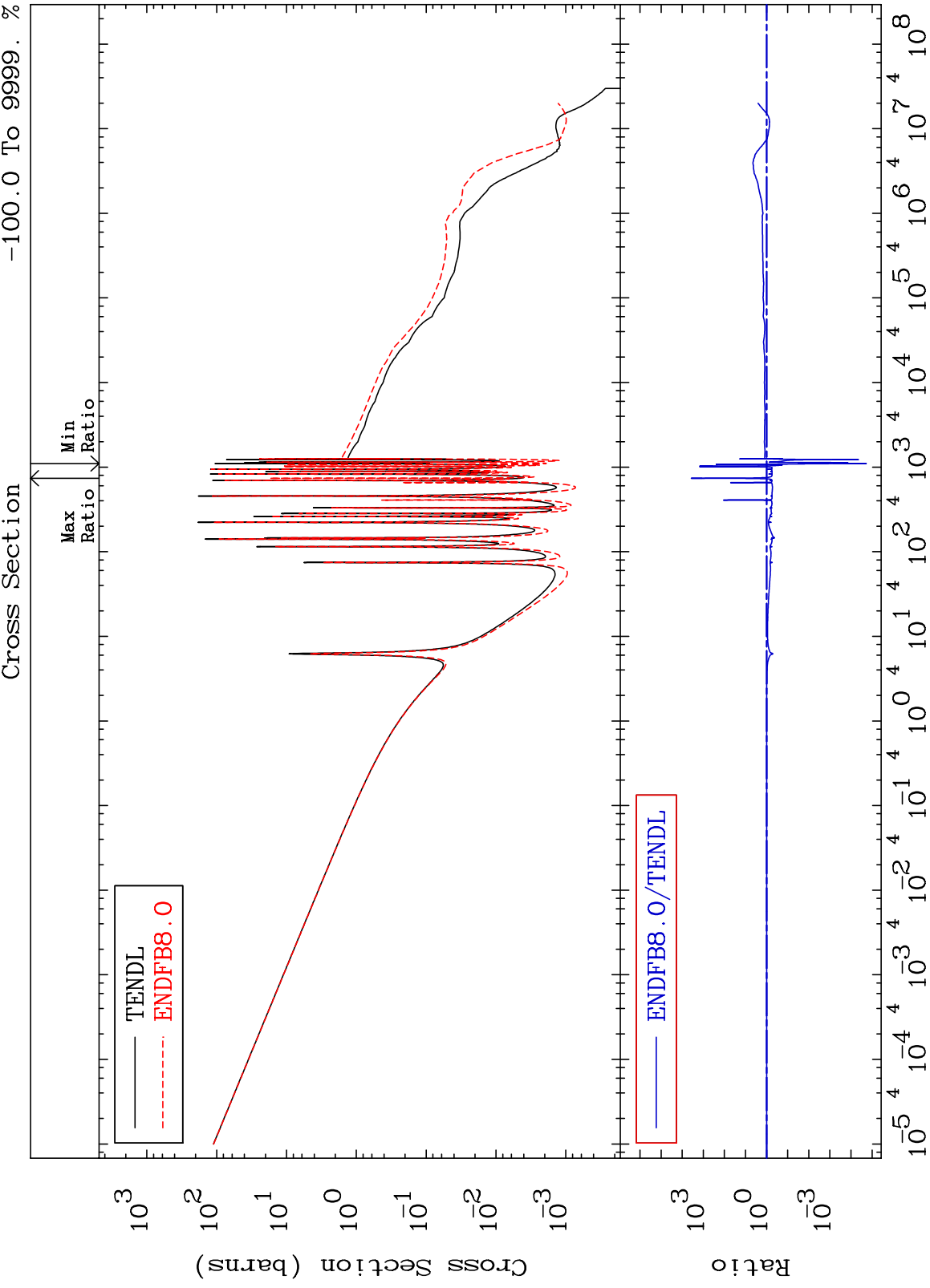
MAT 5046

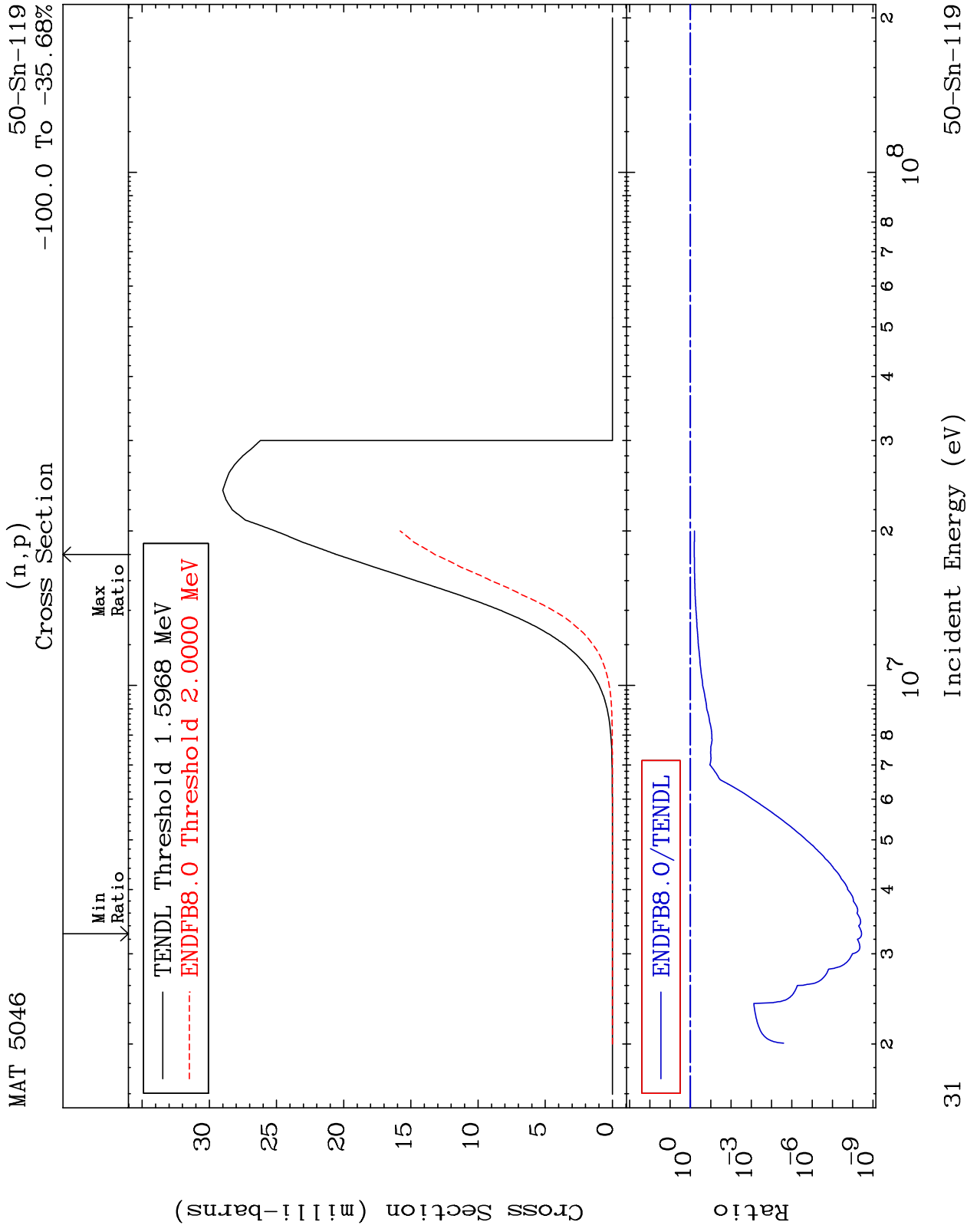
(n, n') Continuum  
Cross Section

50-Sn-119  
-100.0 To -6.414%



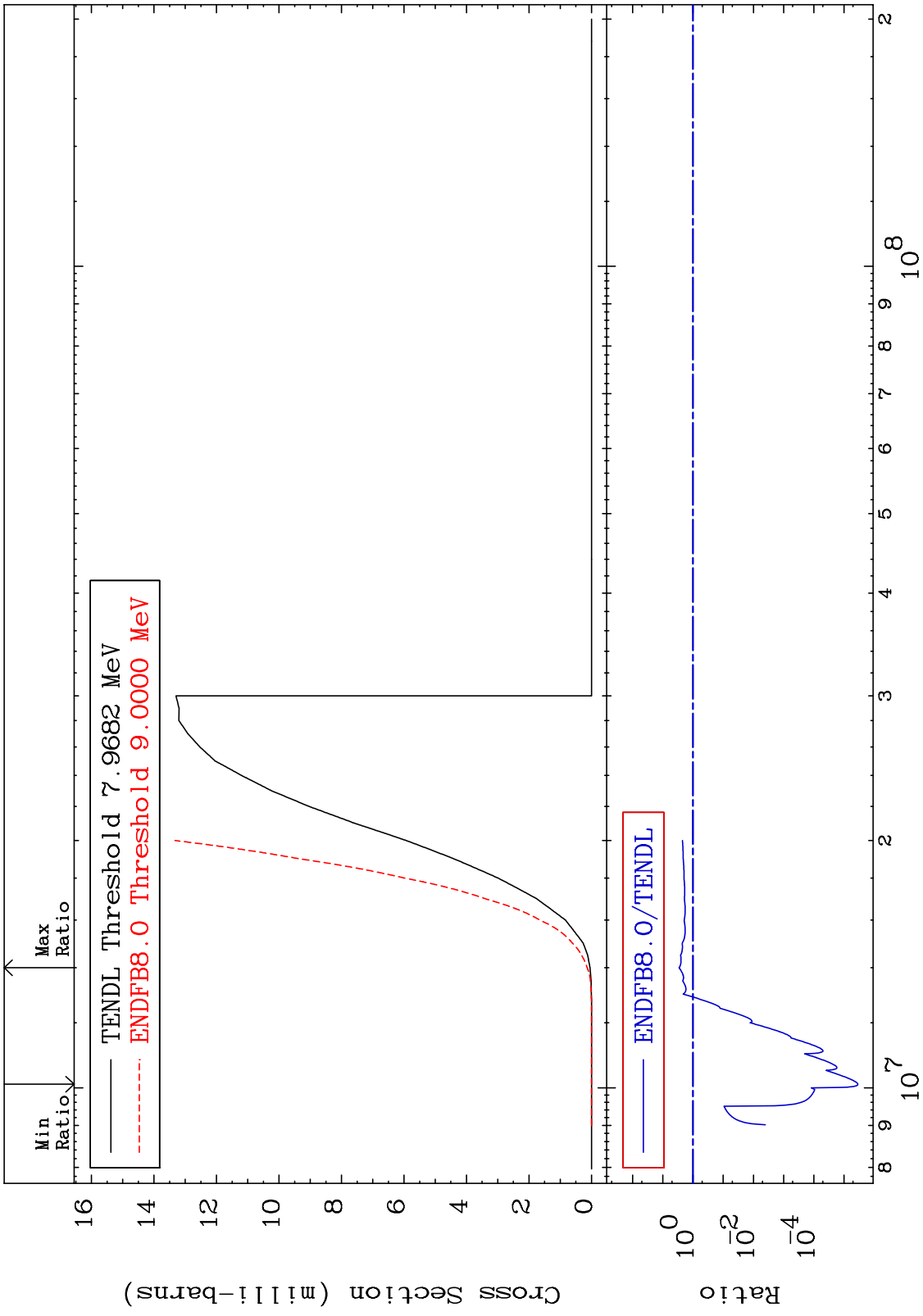
MAT 5046  $(n, \gamma)$  50-Sn-119 -100.0 To 9999. %



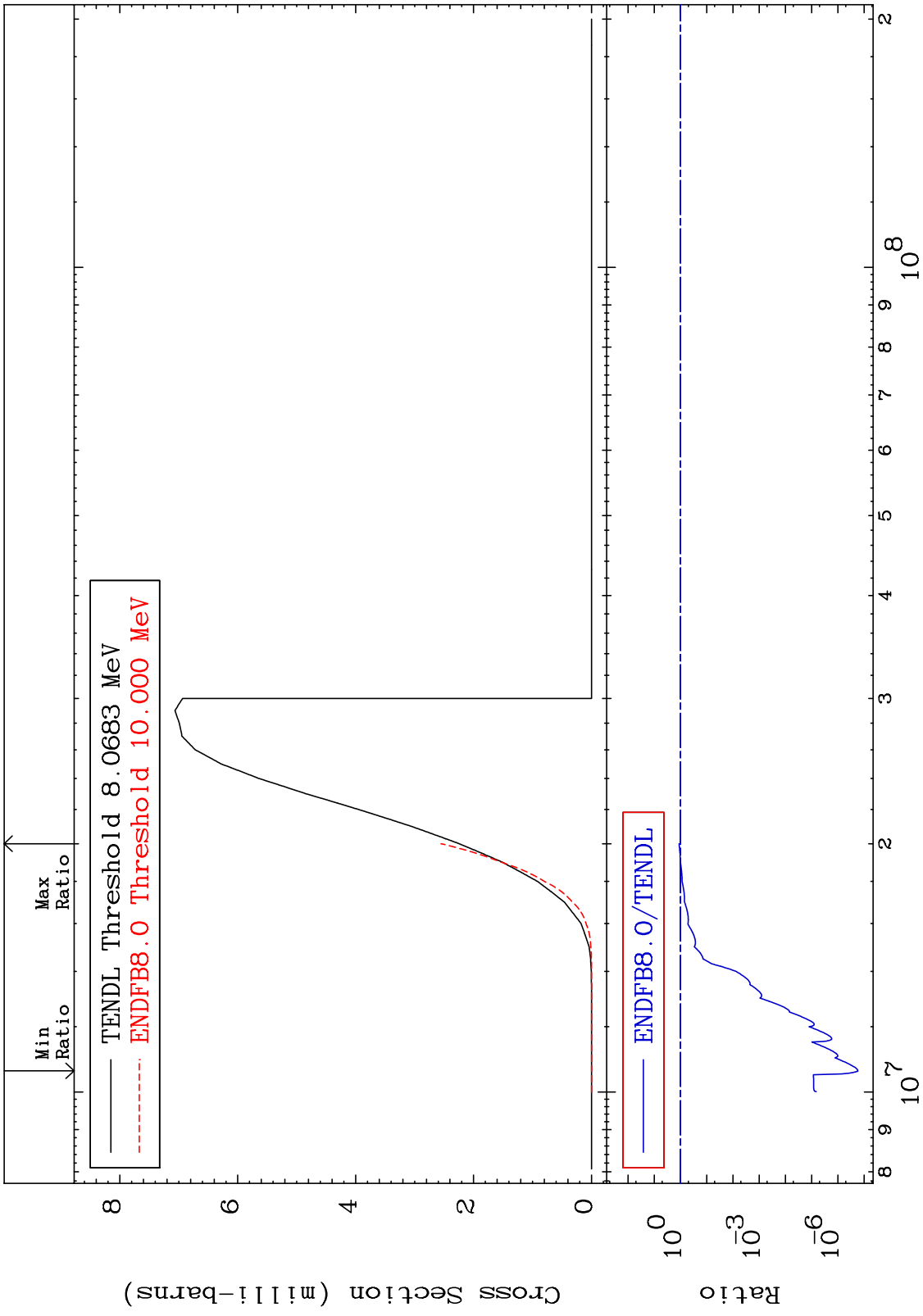




MAT 5046 (n,d) 50-Sn-119  
 Cross Section -100.0 To 191.6 %



MAT 5046 (n,t) 50-Sn-119  
 -100.0 To 13.91 %  
 Cross Section



33 Incident Energy (eV) 50-Sn-119

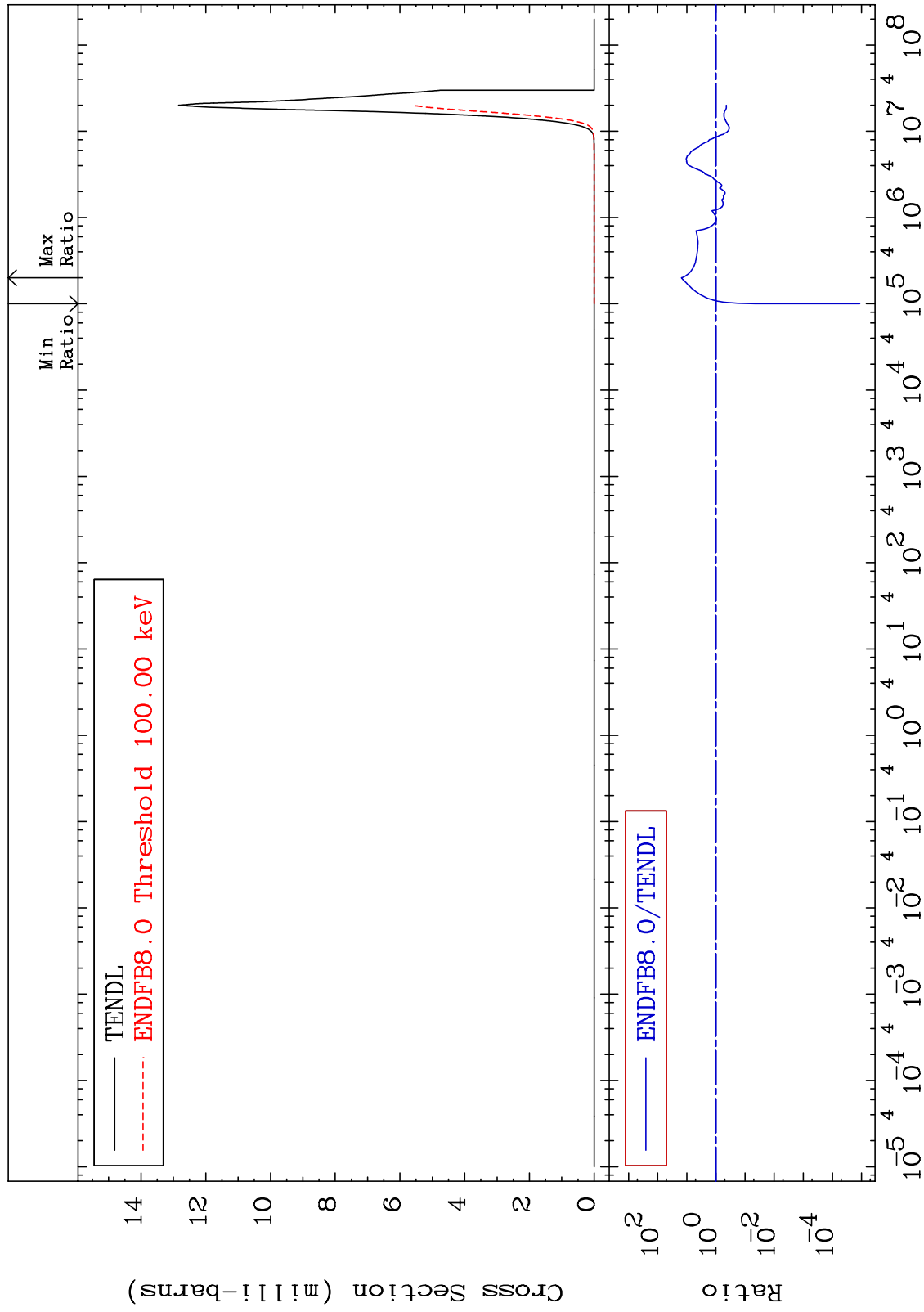
MAT 5046

(n,  $\alpha$ )

50-Sn-119

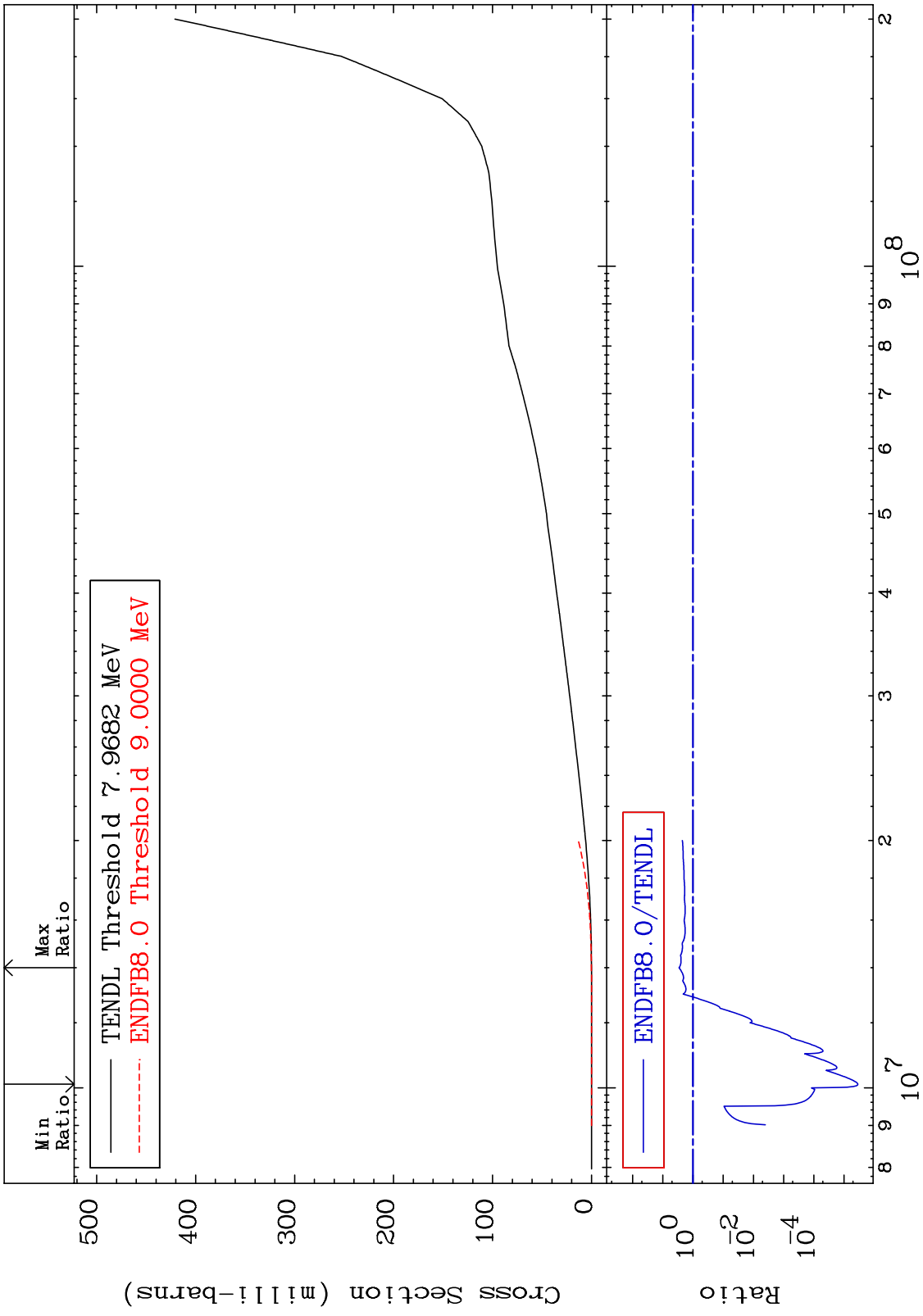
Cross Section

-100.0 To 1425. %

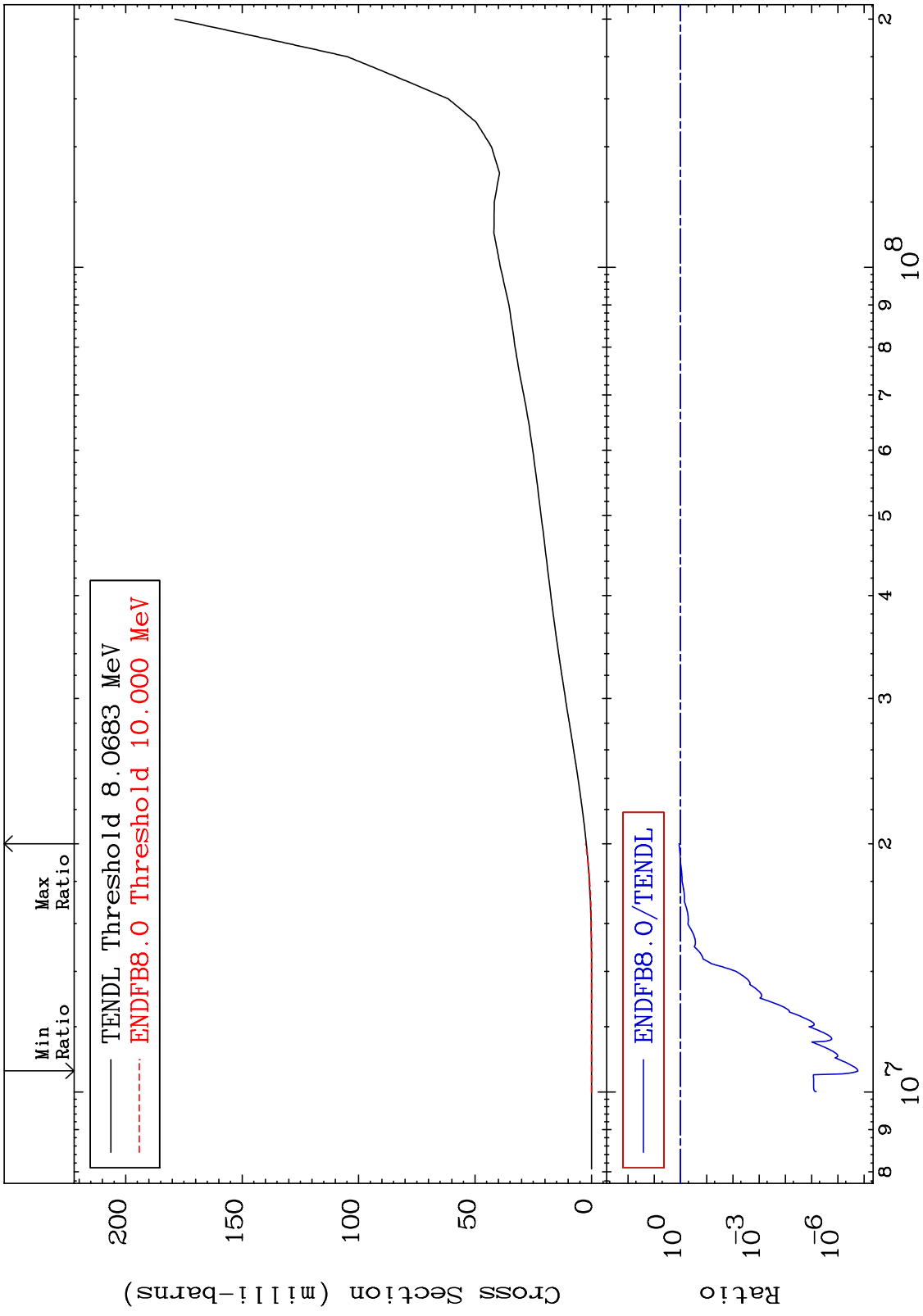




MAT 5046 Deuterium Production Cross Section 50-Sn-119 -100.0 To 191.6 %



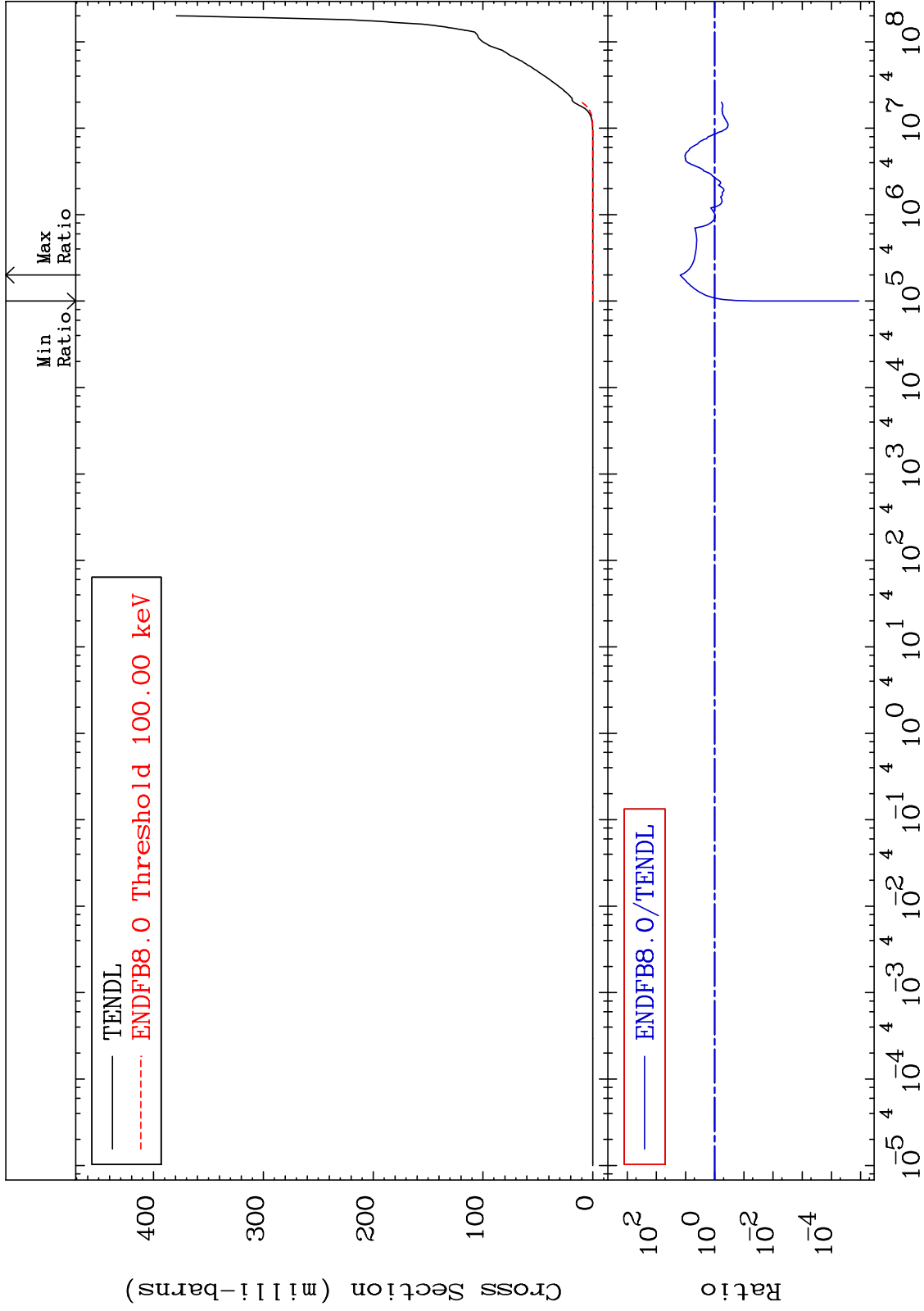
MAT 5046 Tritium Production Cross Section 50-Sn-119 -100.0 To 13.91 %



MAT 5046

He-4 Production  
Cross Section

50-Sn-119  
-100.0 To 1425. %

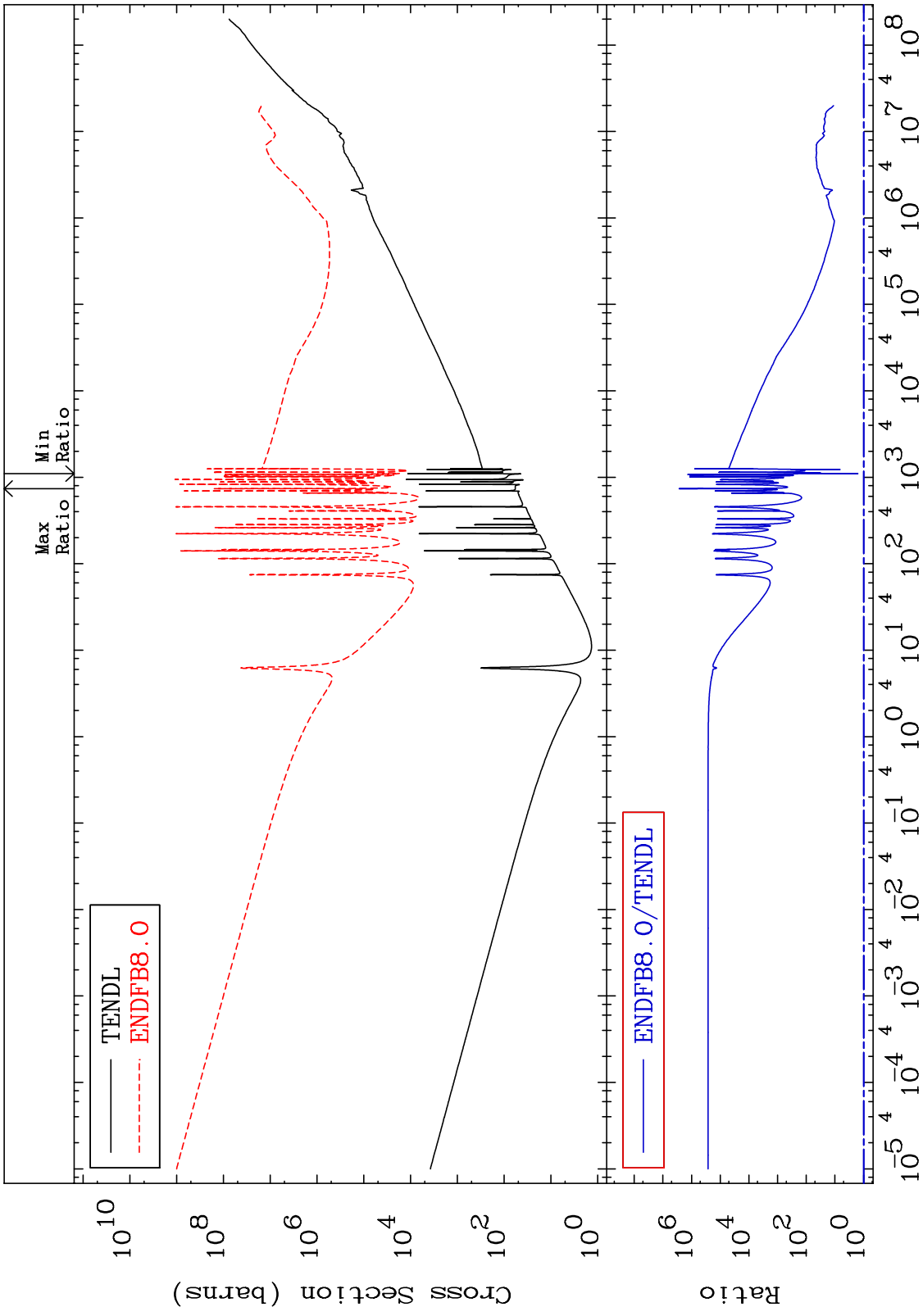


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Incident Energy (eV)

50-Sn-119

MAT 5046 Kerma total (eV-barns) 50-Sn-119  
 Cross Section 58.73 To 9999. %

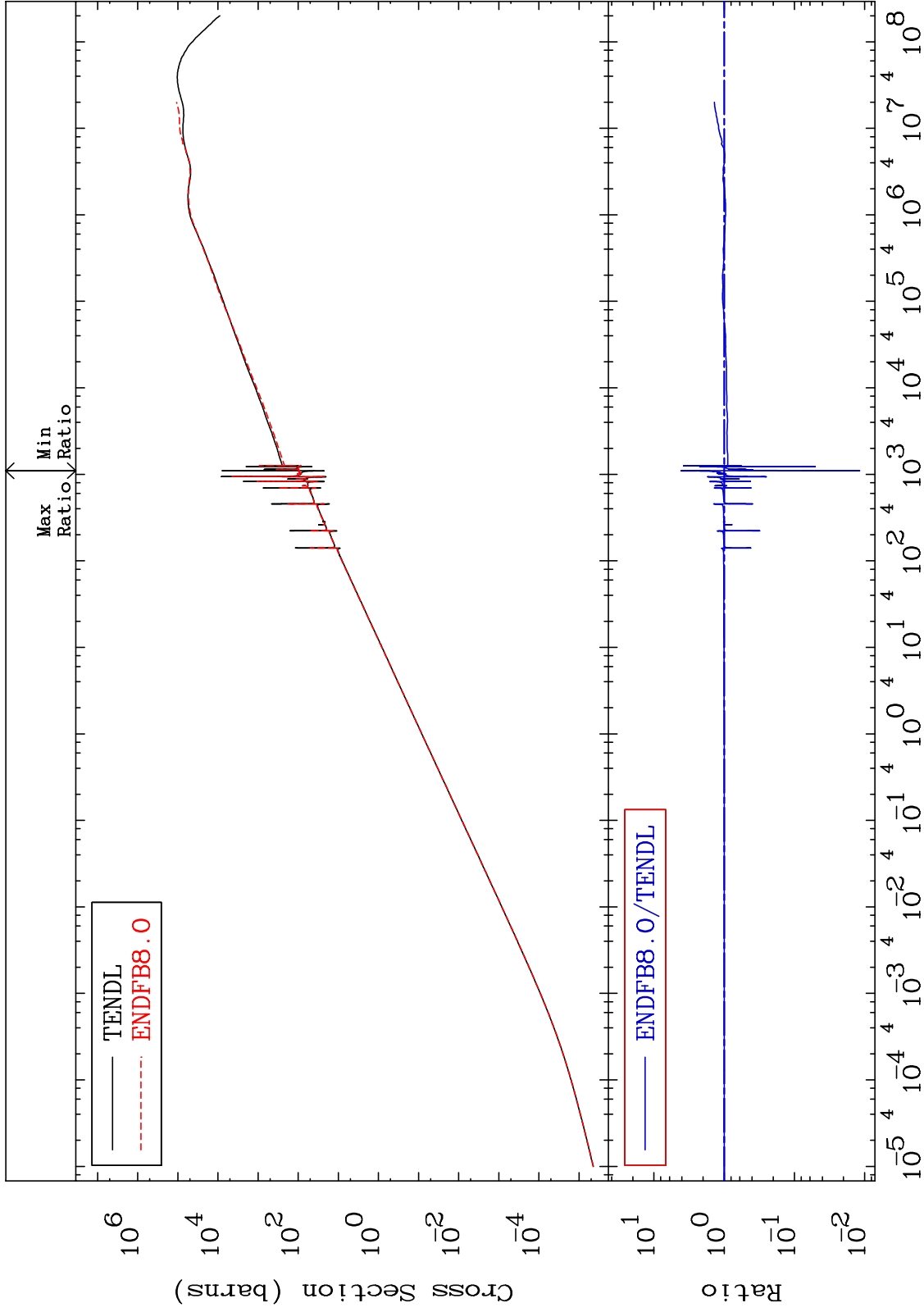




MAT 5046

Kerma elastic  
Cross Section

50-Sn-119  
-98.82 To 313.9 %

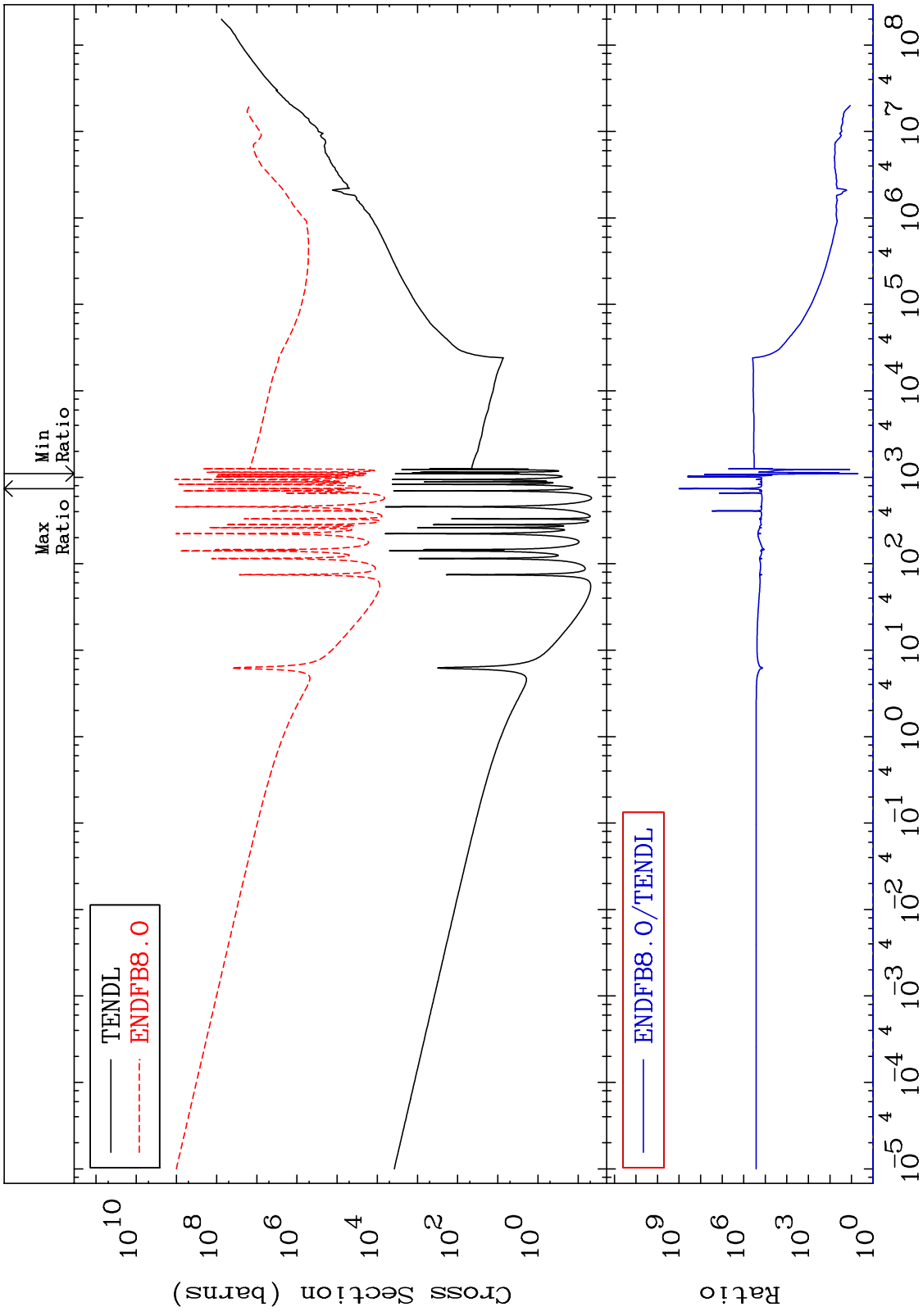


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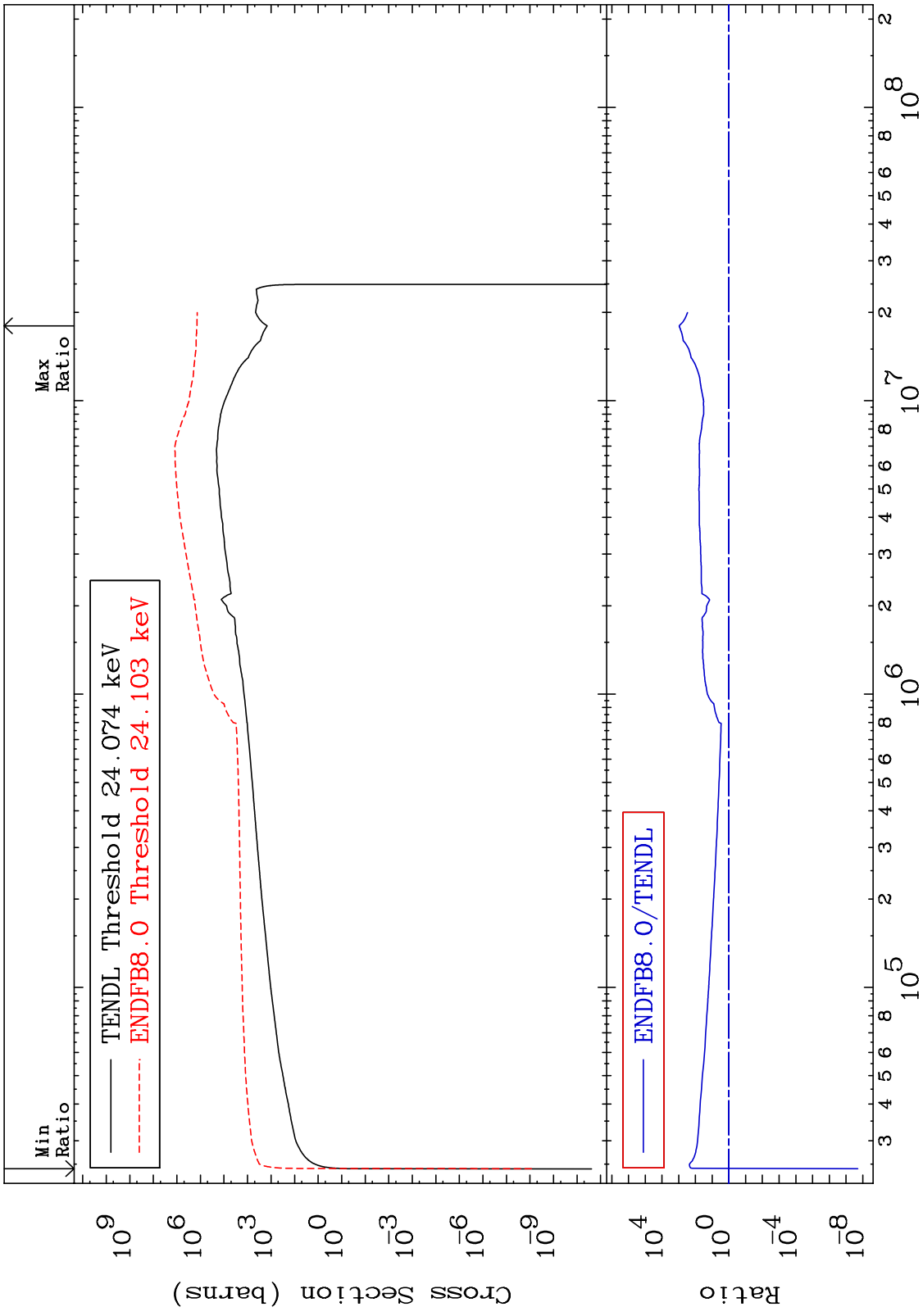
Incident Energy (eV)

50-Sn-119

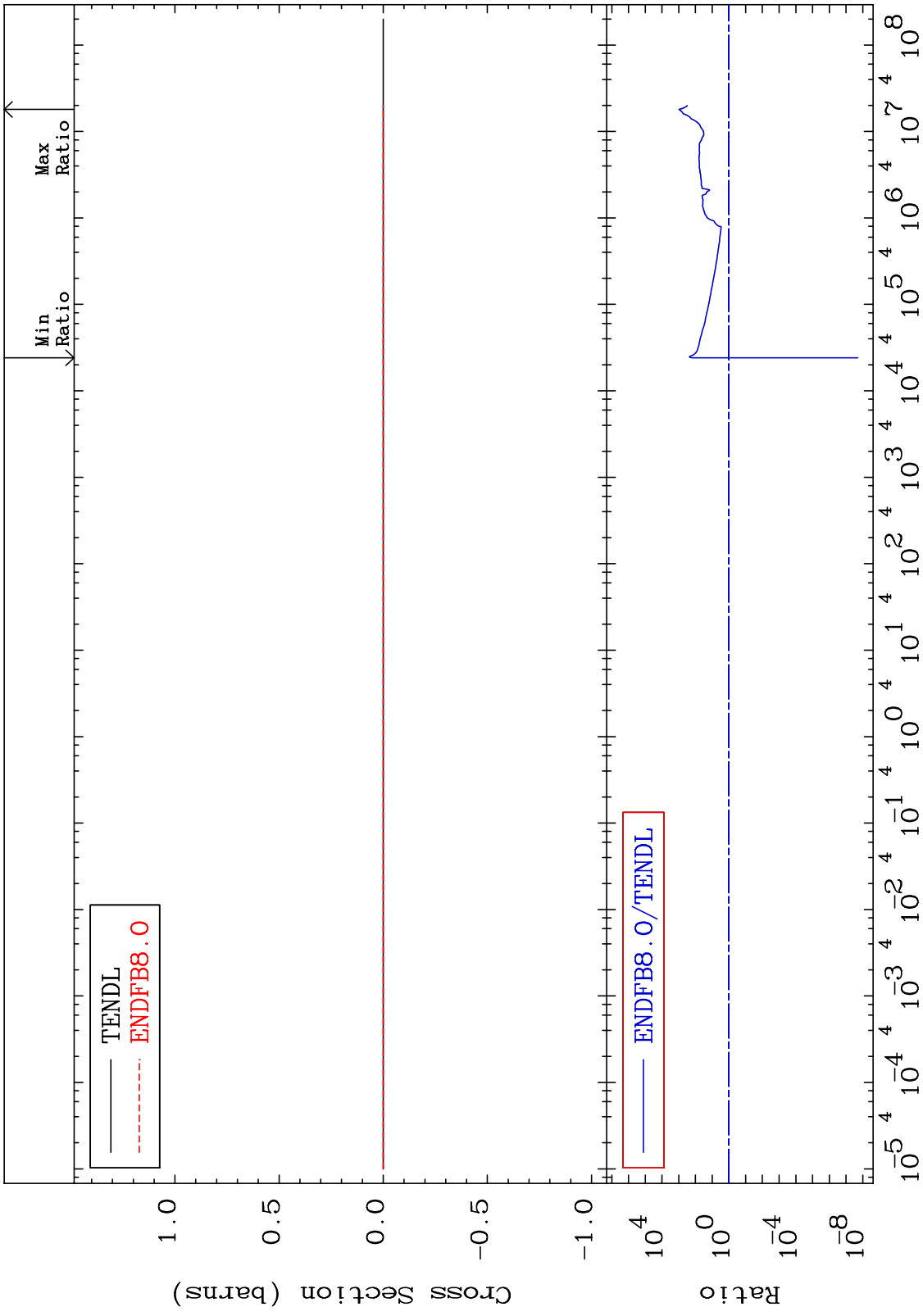
MAT 5046      Kerma non-elastic (all but mt2)      50-Sn-119  
 Cross Section      408.2 To 9999. %



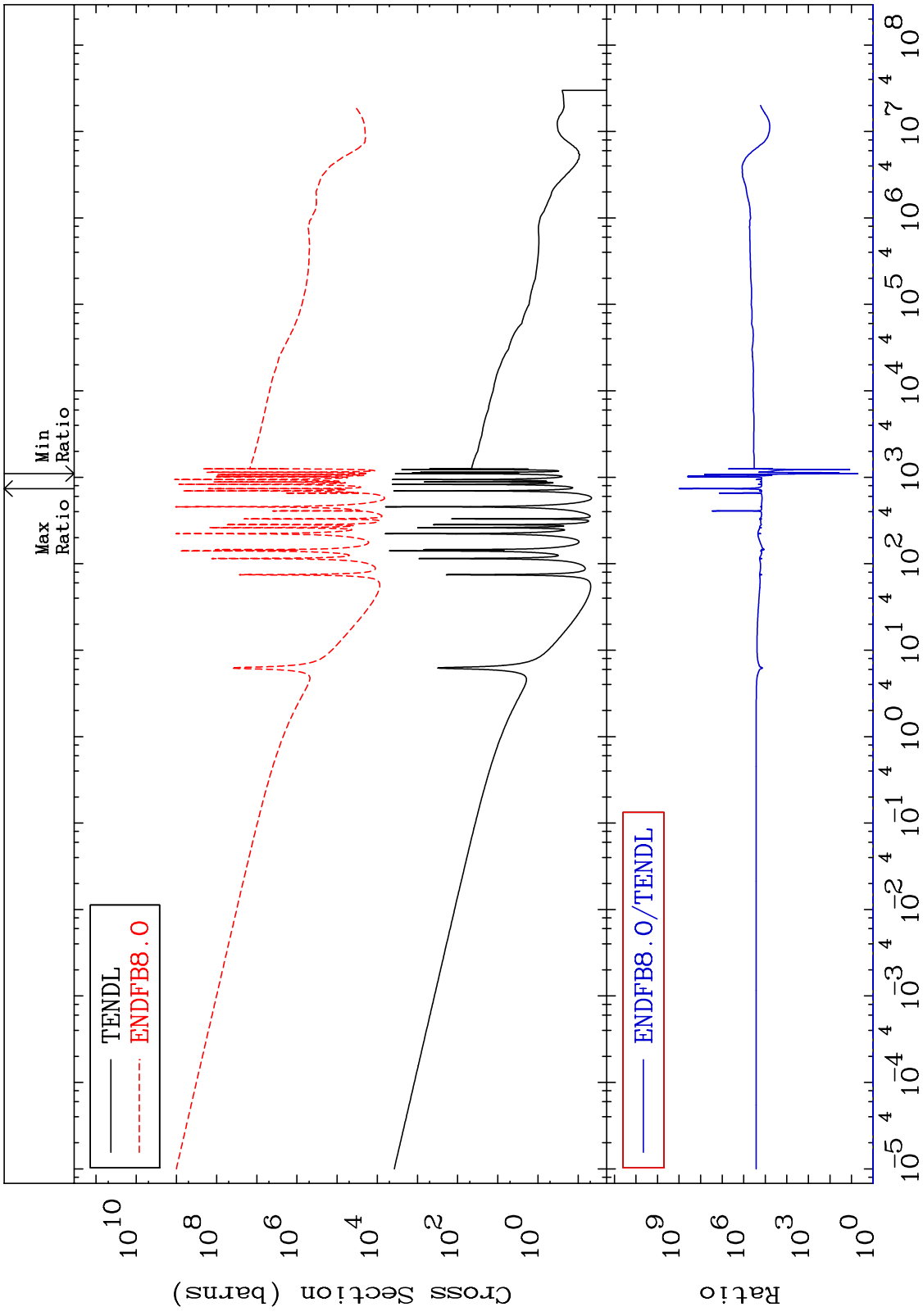
MAT 5046 Kerma inelastic (mt51-91) 50-Sn-119  
 -100.0 To 9999. %



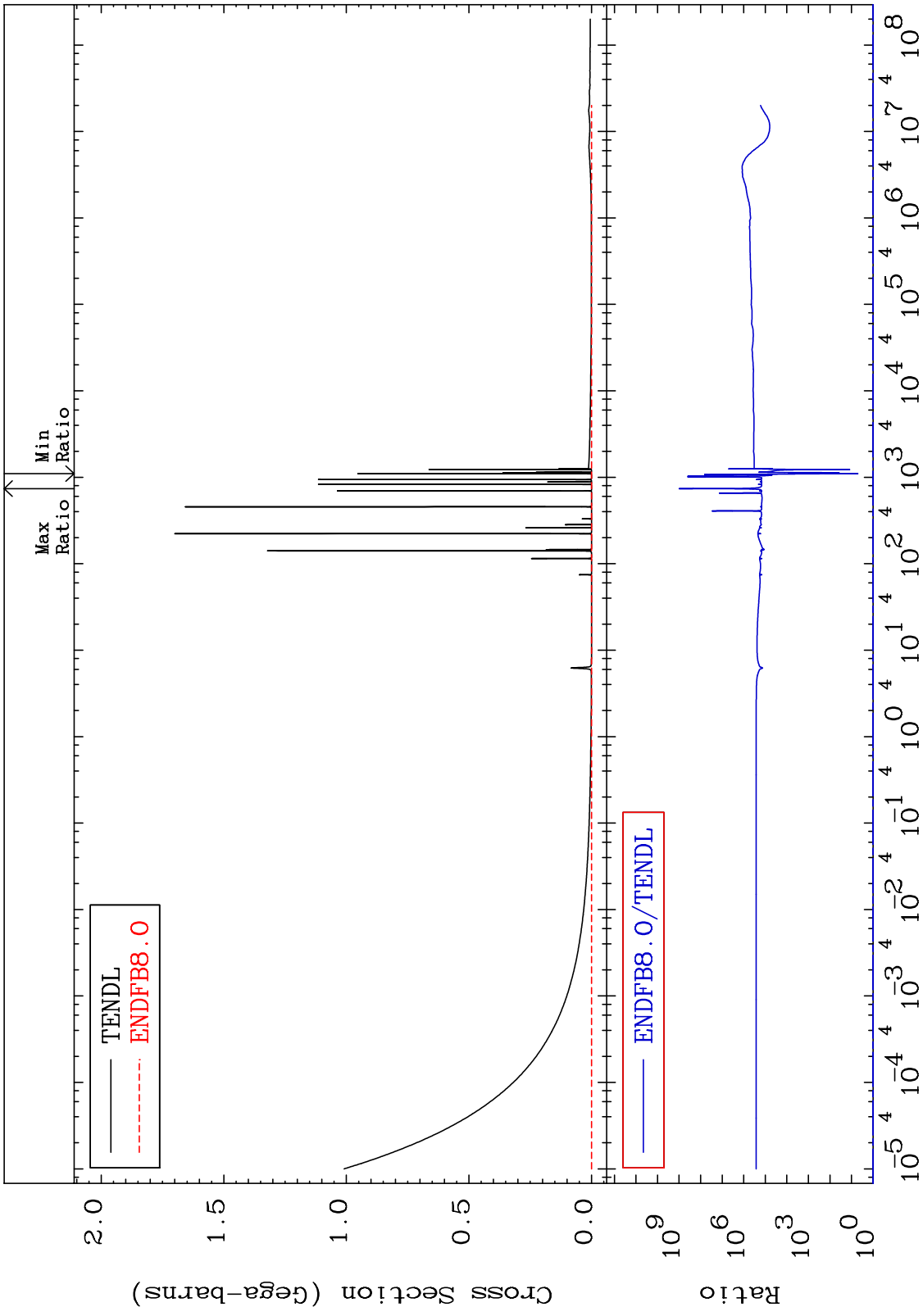
MAT 5046 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-119  
 Cross Section -100.0 To 9999. %



MAT 5046      Kerma capture (mt102)      50-Sn-119  
 Cross Section      408.2 To 9999. %

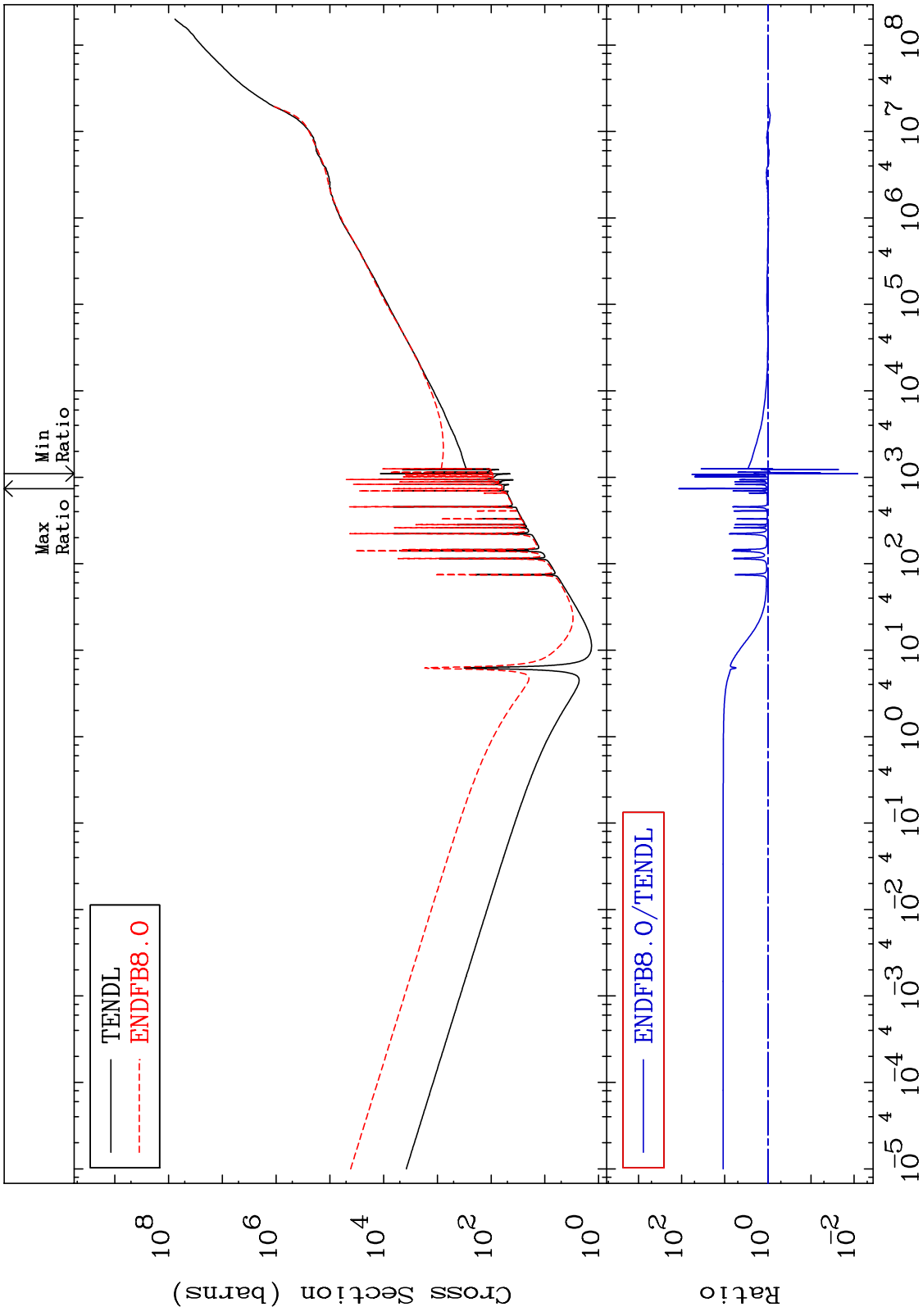


MAT 5046 50-Sn-119 408.2 To 9999. %  
Total photon (eV-barns)  
Cross Section

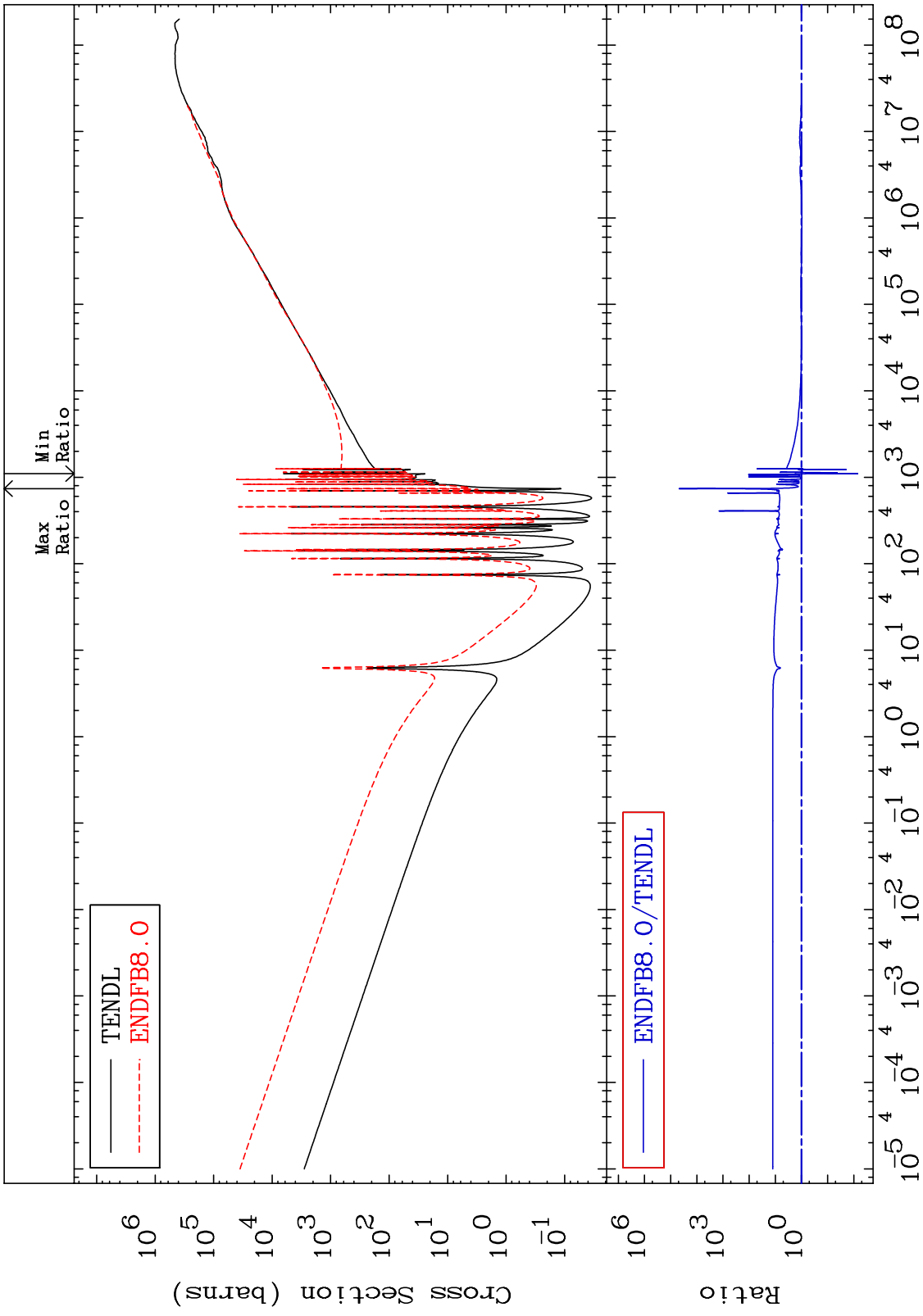


Incident Energy (eV) 50-Sn-119

MAT 5046 Total kinematic kerma (high limit) 50-Sn-119  
 Cross Section -99.18 To 9999. %



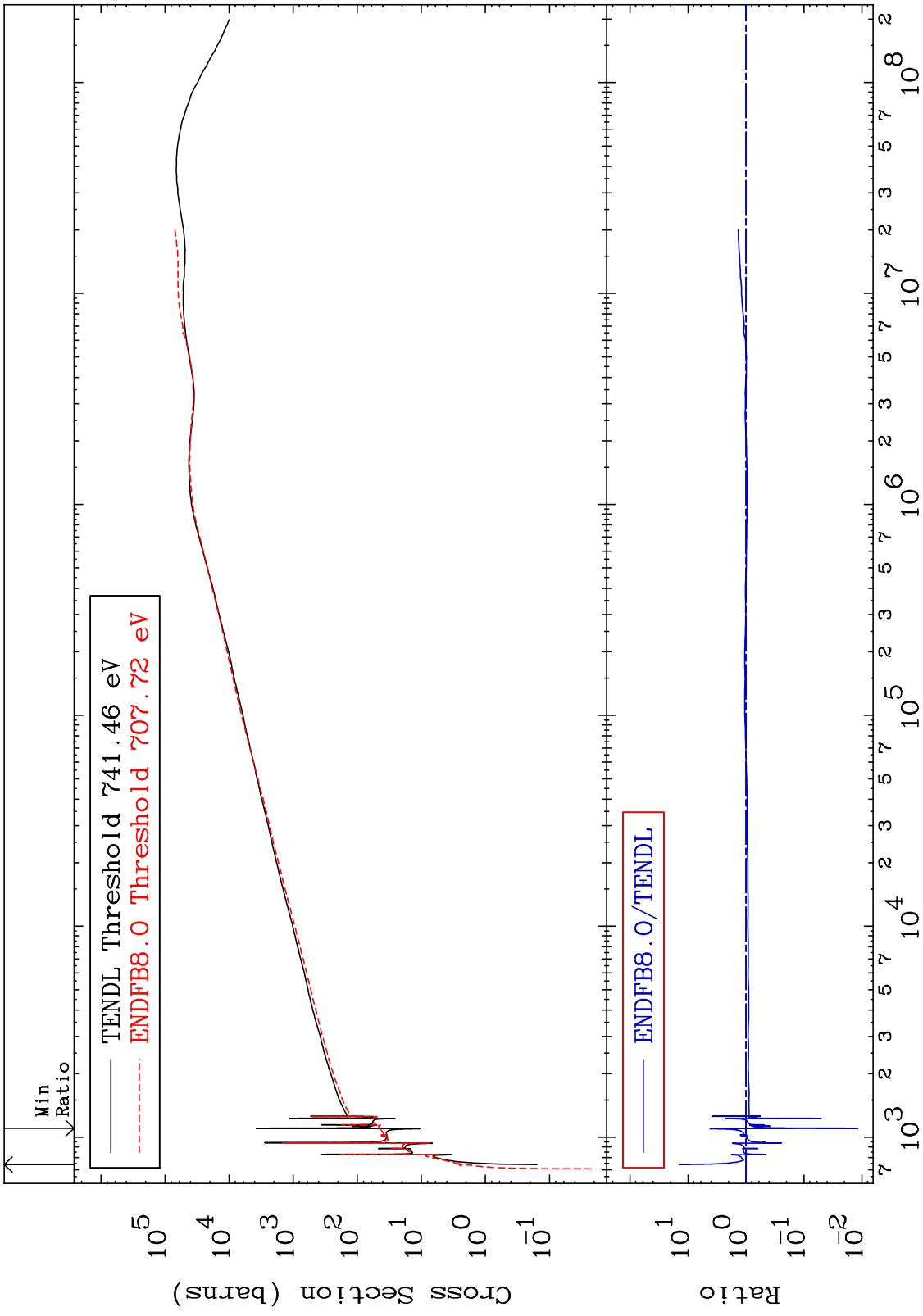
MAT 5046      Dpa total (eV-barns)      50-Sn-119  
 Cross Section      -99.30 To 9999. %



47      Incident Energy (eV)      50-Sn-119

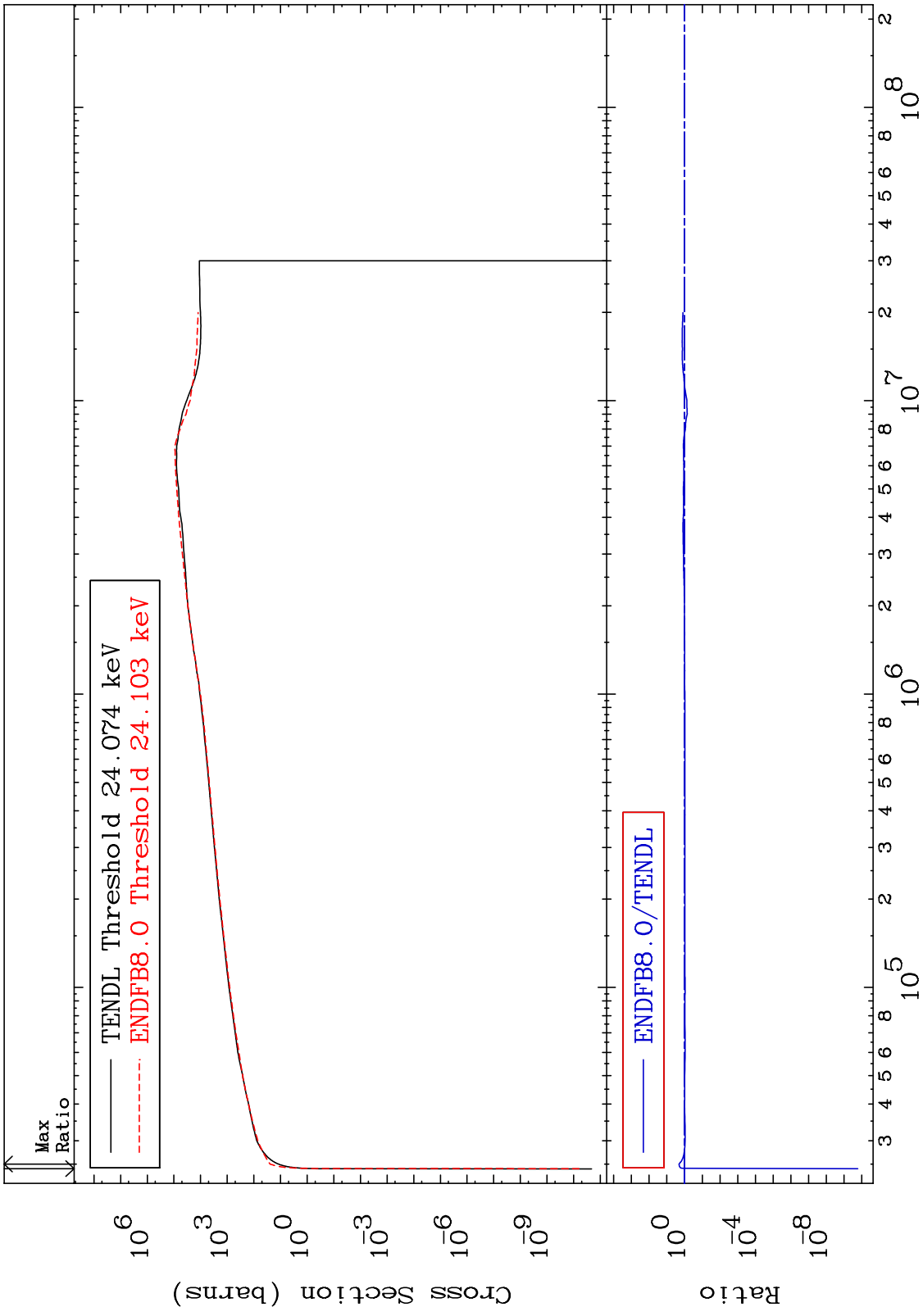


MAT 5046      Dpa elastic (mt2)      50-Sn-119  
Cross Section      -98.82 To 1332. %



48      Incident Energy (eV)      50-Sn-119

MAT 5046 Dpa inelastic (mt51-91) 50-Sn-119  
Cross Section -100.0 To 104.5 %



MAT 5046      Dpa disappearance (mt102 -120)      50-Sn-119  
 Cross Section      -99.98 To 9999. %

