

Program Complot  
(Version 2018-1)

by

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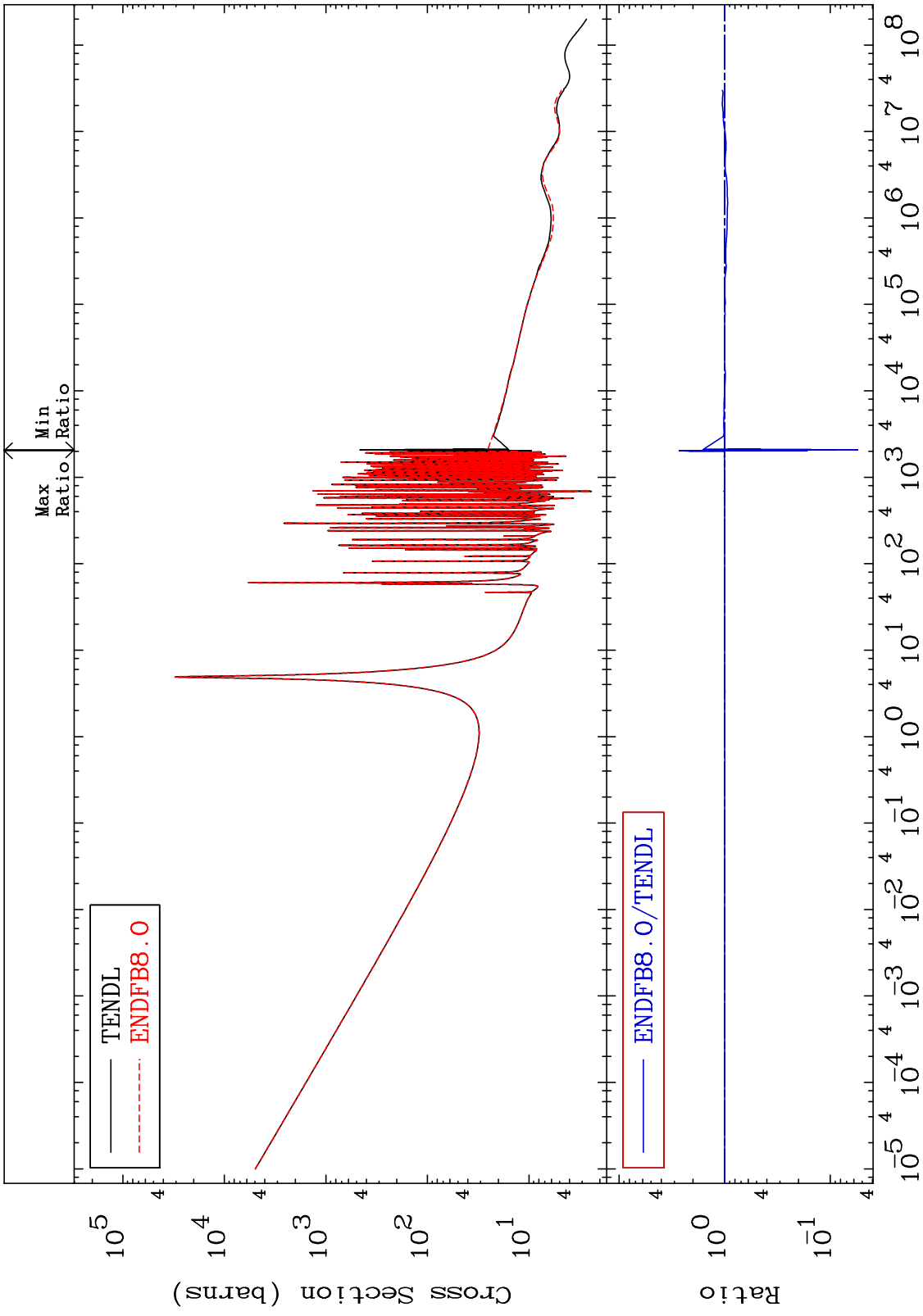
U.S.A.

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

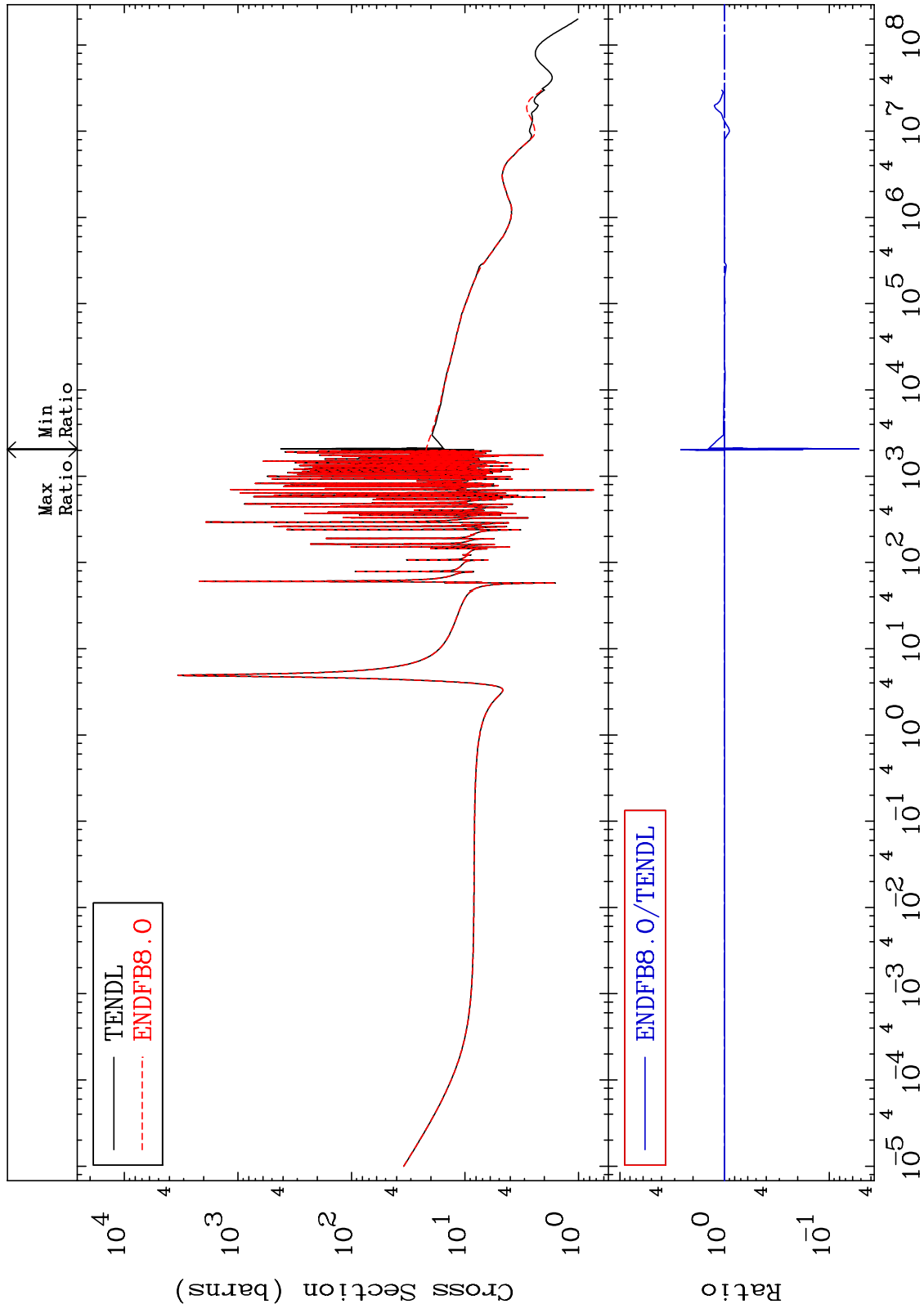
Press Mouse Button to Start

MAT 7925 Total Cross Section 79-Au-197 -94.51 To 170.9 %



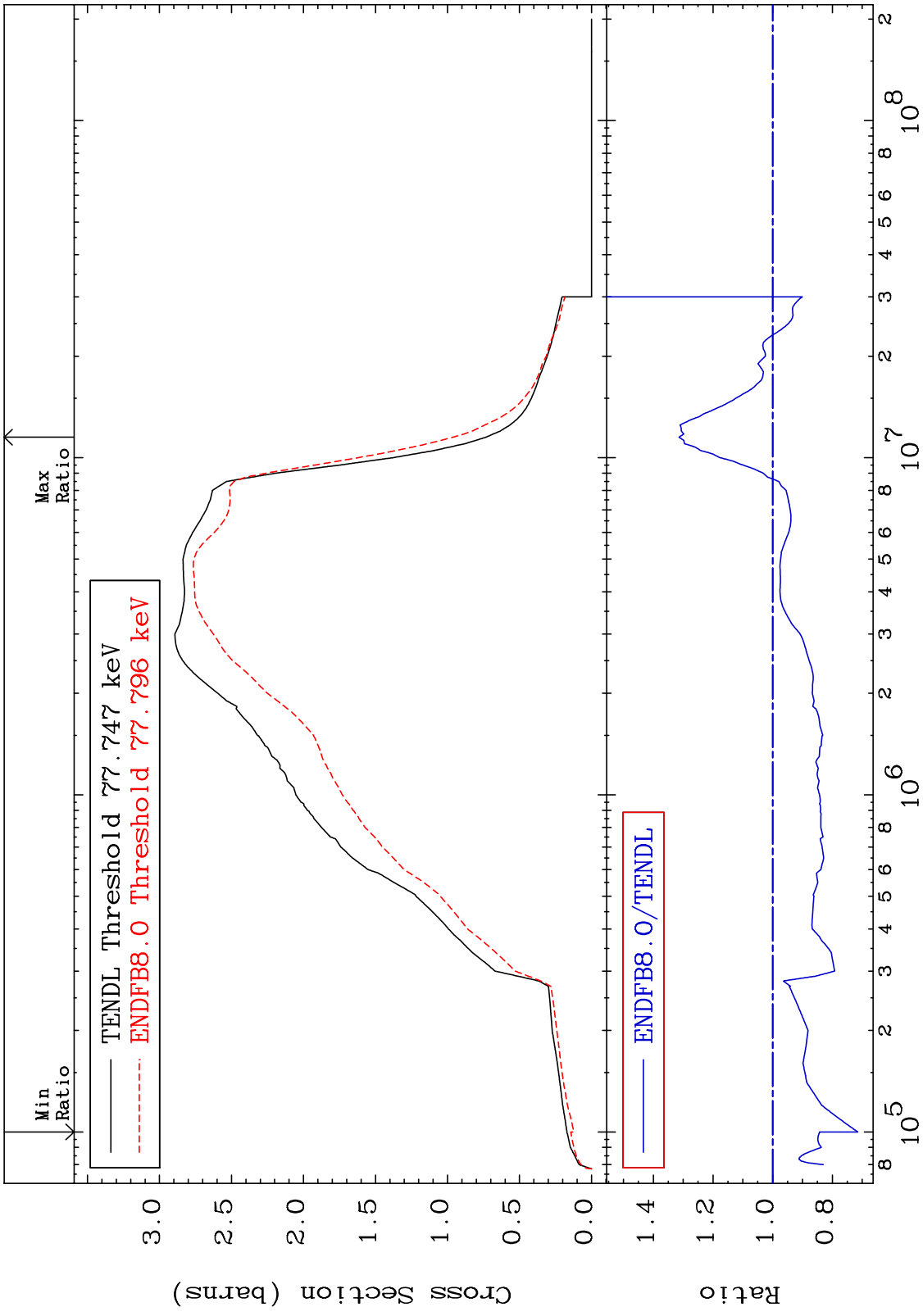
1 Incident Energy (eV) 79-Au-197

MAT 7925 Elastic Cross Section 79-Au-197 -94.80 To 162.8 %



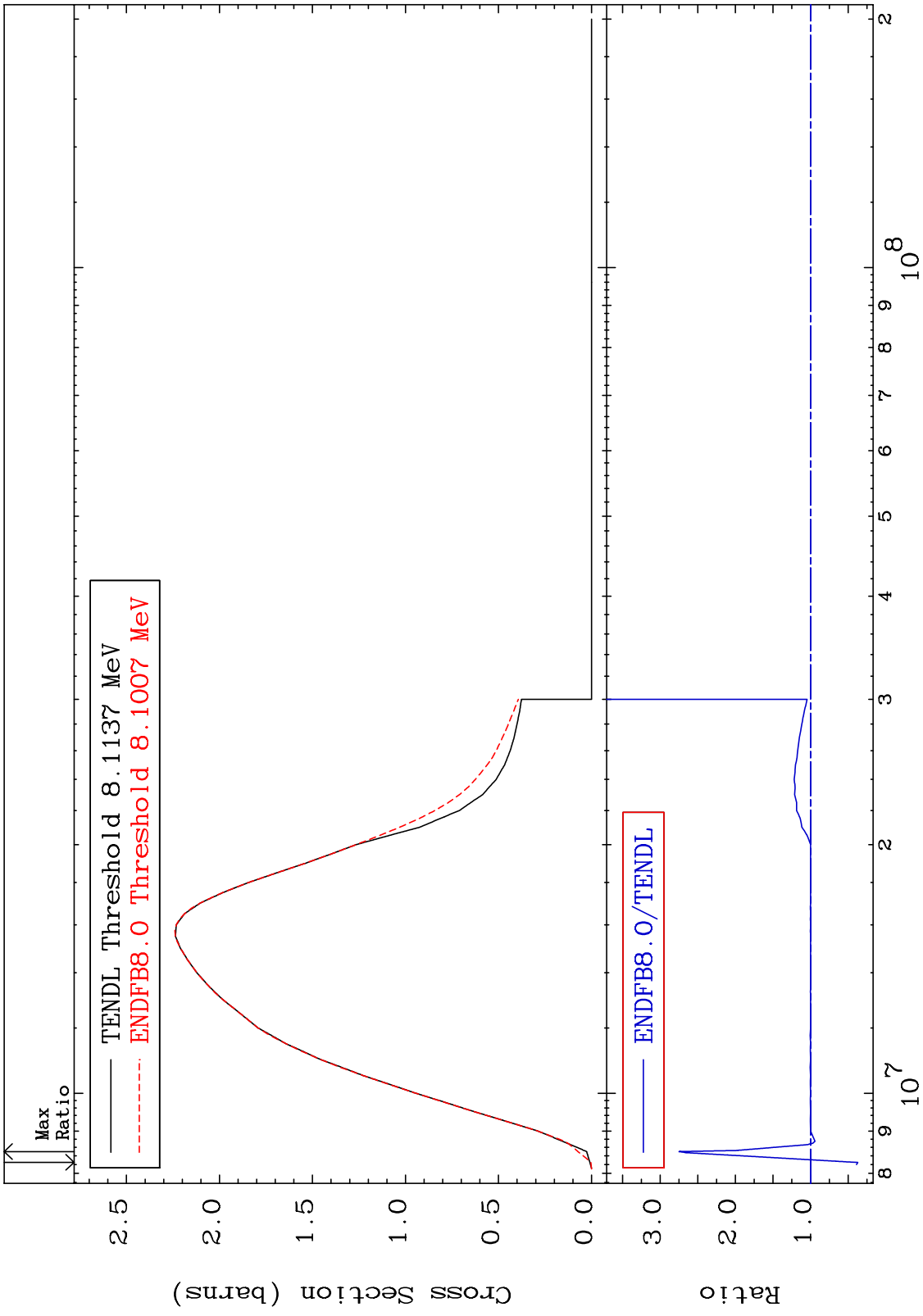
2 79-Au-197

MAT 7925 Inelastic Cross Section 79-Au-197 -28.55 To 31.37 %

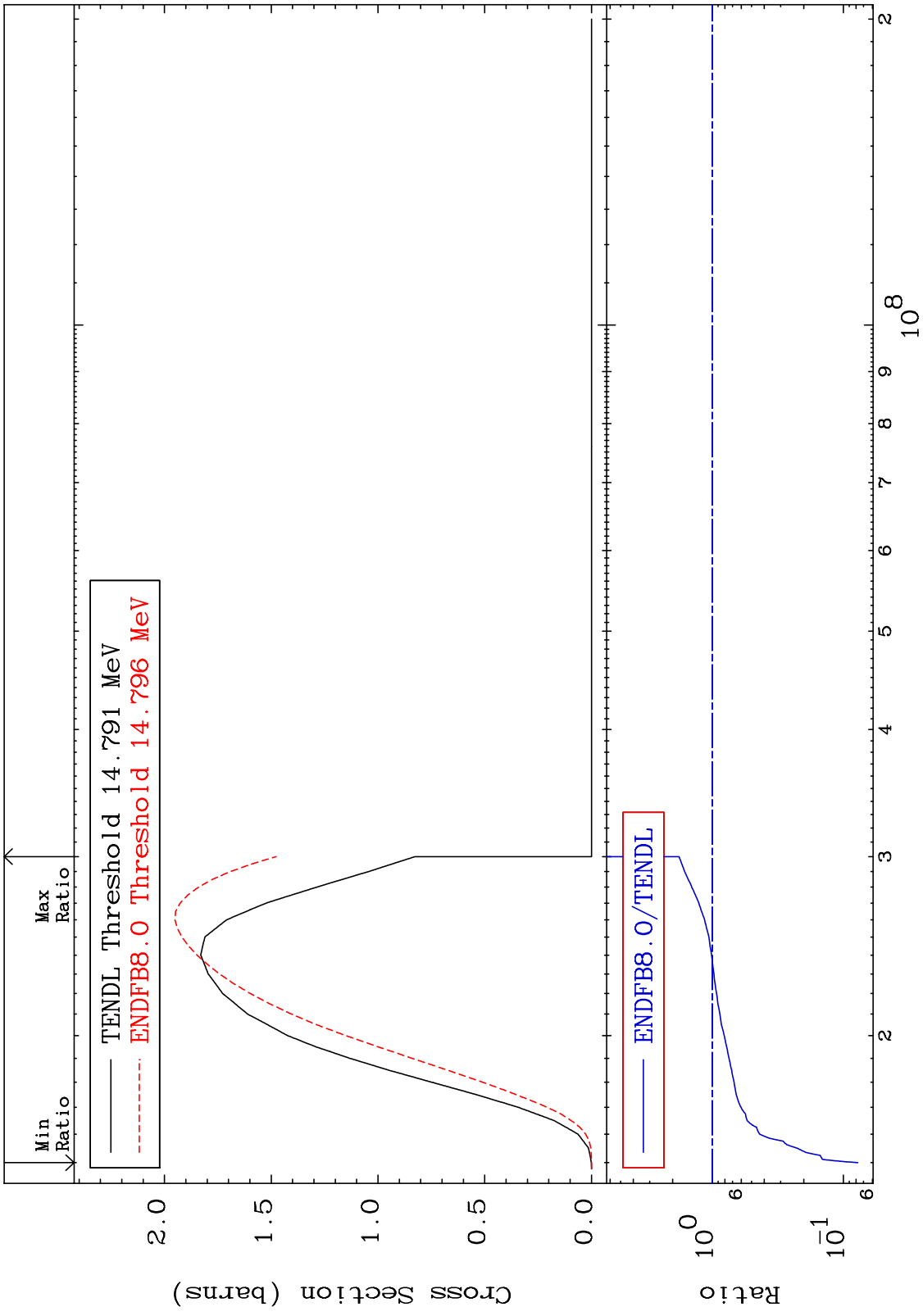


79-Au-197

MAT 7925 (n,2n) Cross Section 79-Au-197 -62.84 To 174.9 %

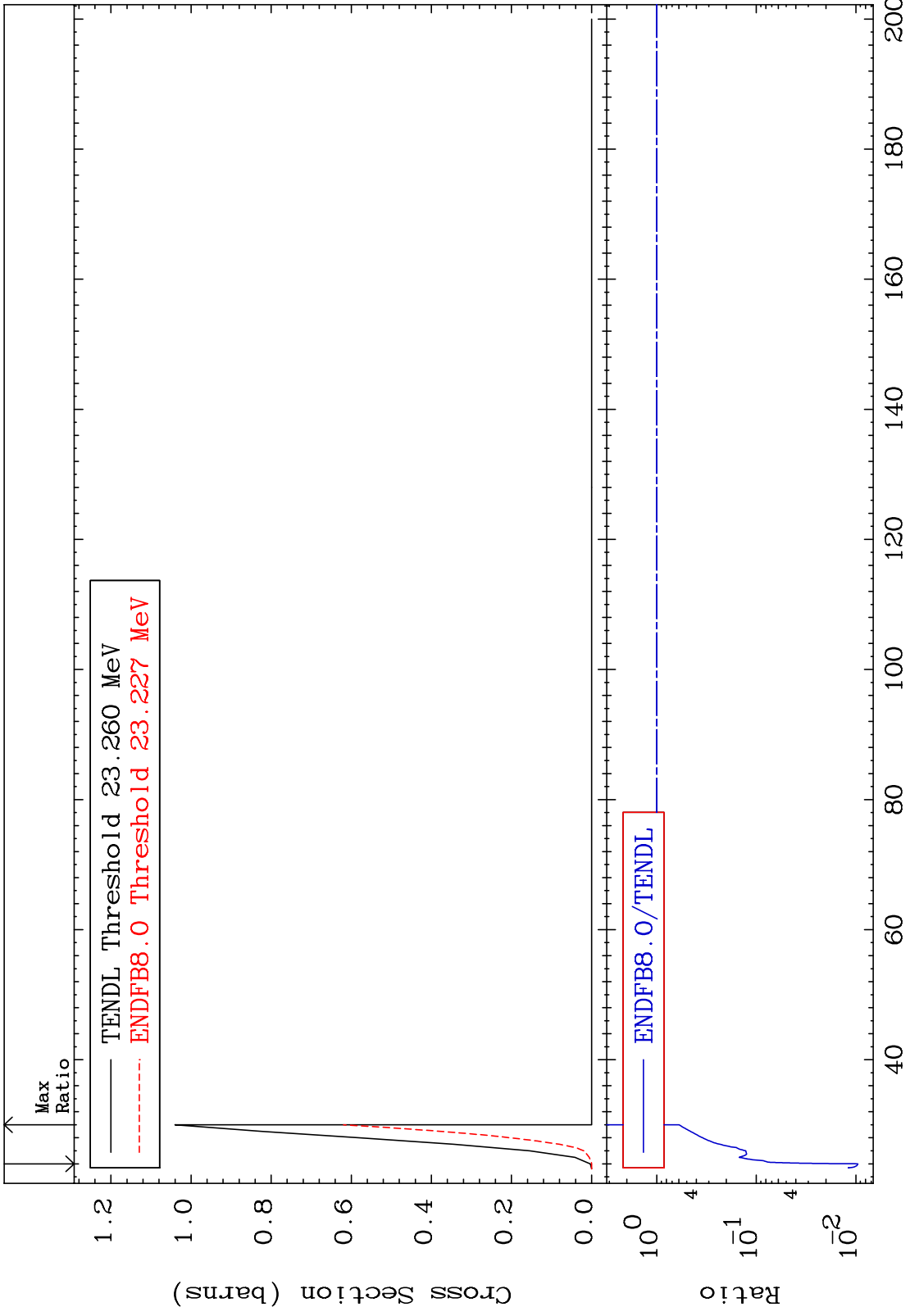


MAT 7925 (n,3n) Cross Section 79-Au-197 -92.26 To 78.89 %

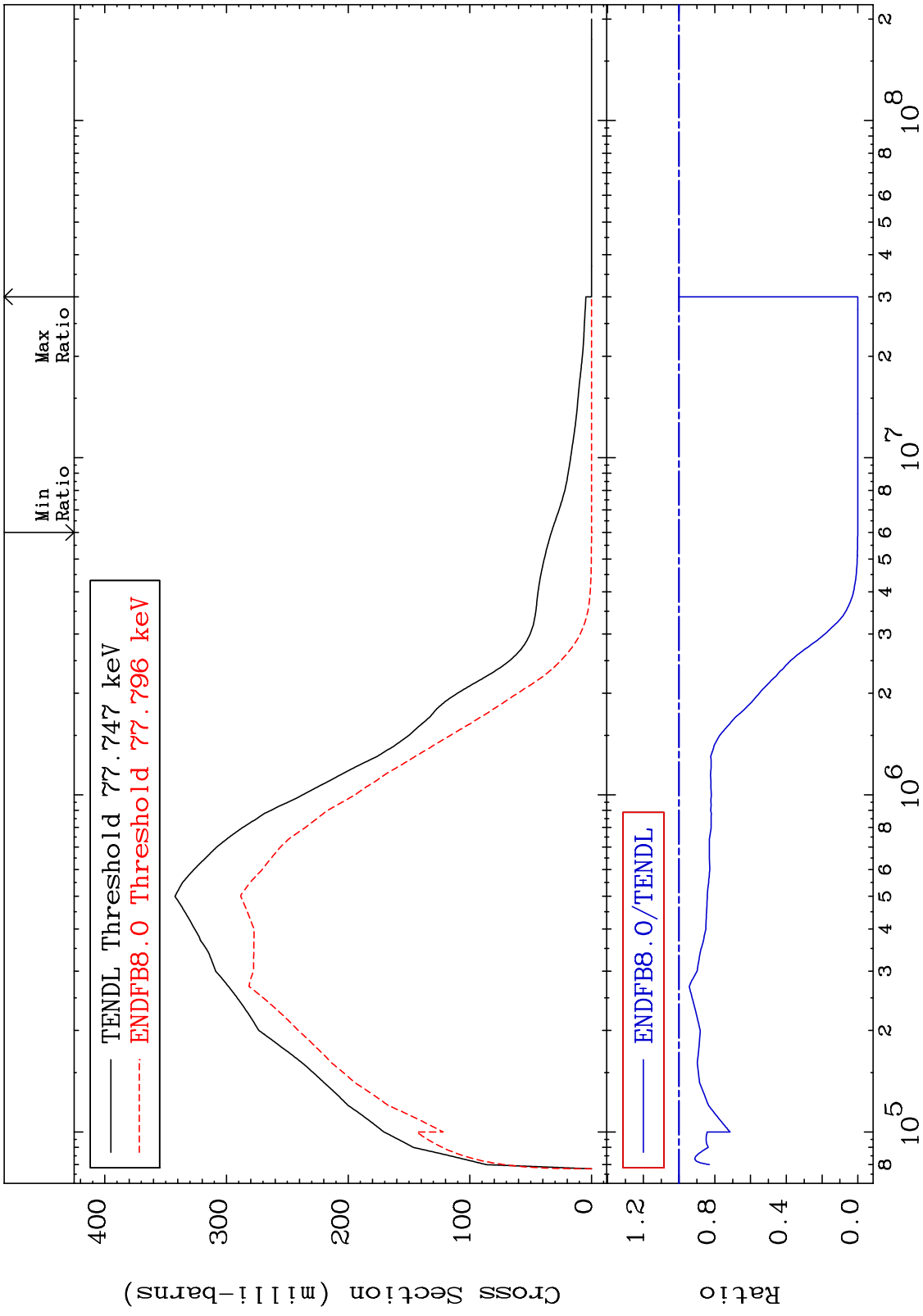


5 Incident Energy (eV) 79-Au-197

MAT 7925 (n,4n) Cross Section 79-Au-197 -99.05 To -40.44%



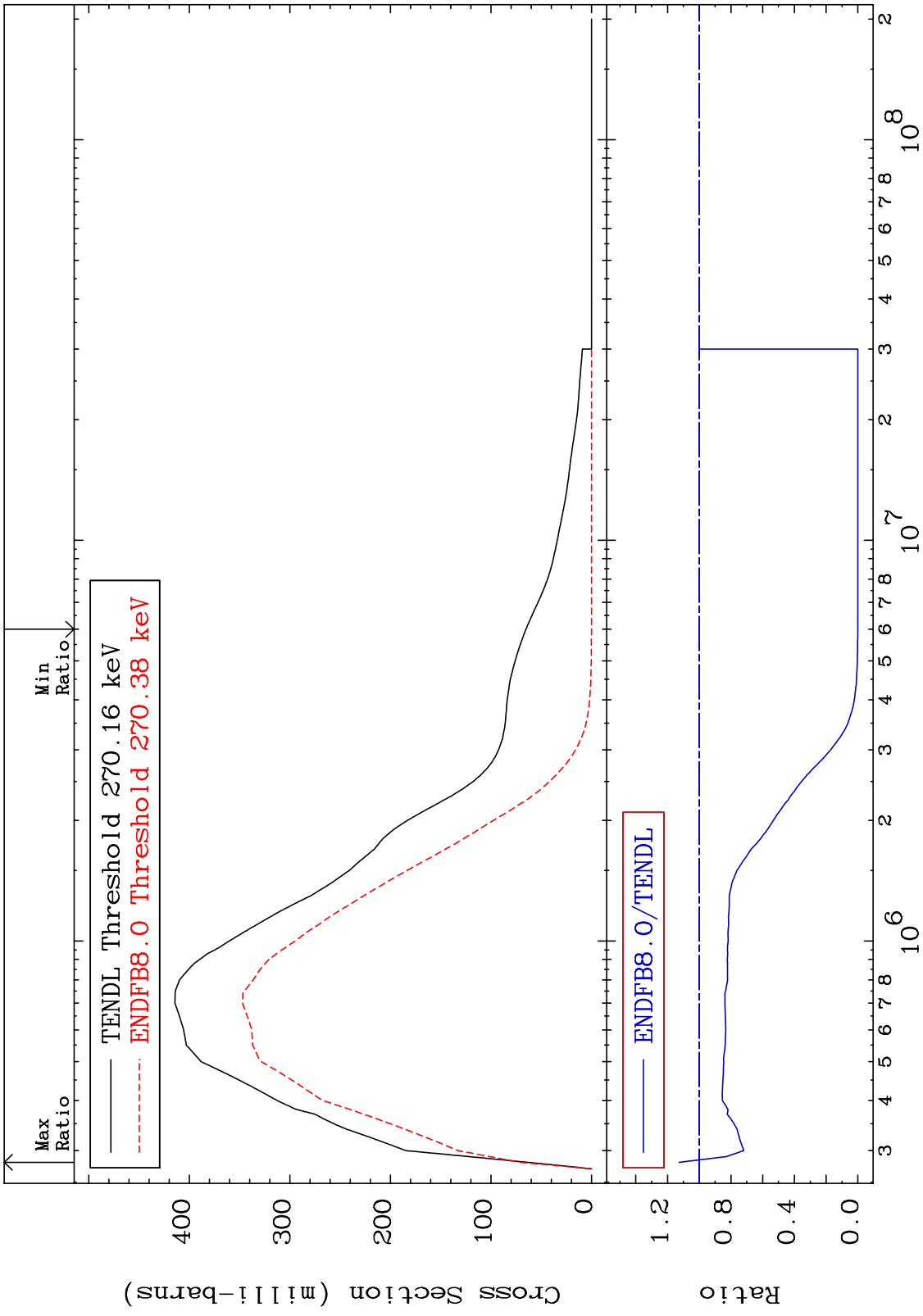
MAT 7925 MT= 51 (n,n') Level Cross Section 79-Au-197 -100.0 To 0.000 %



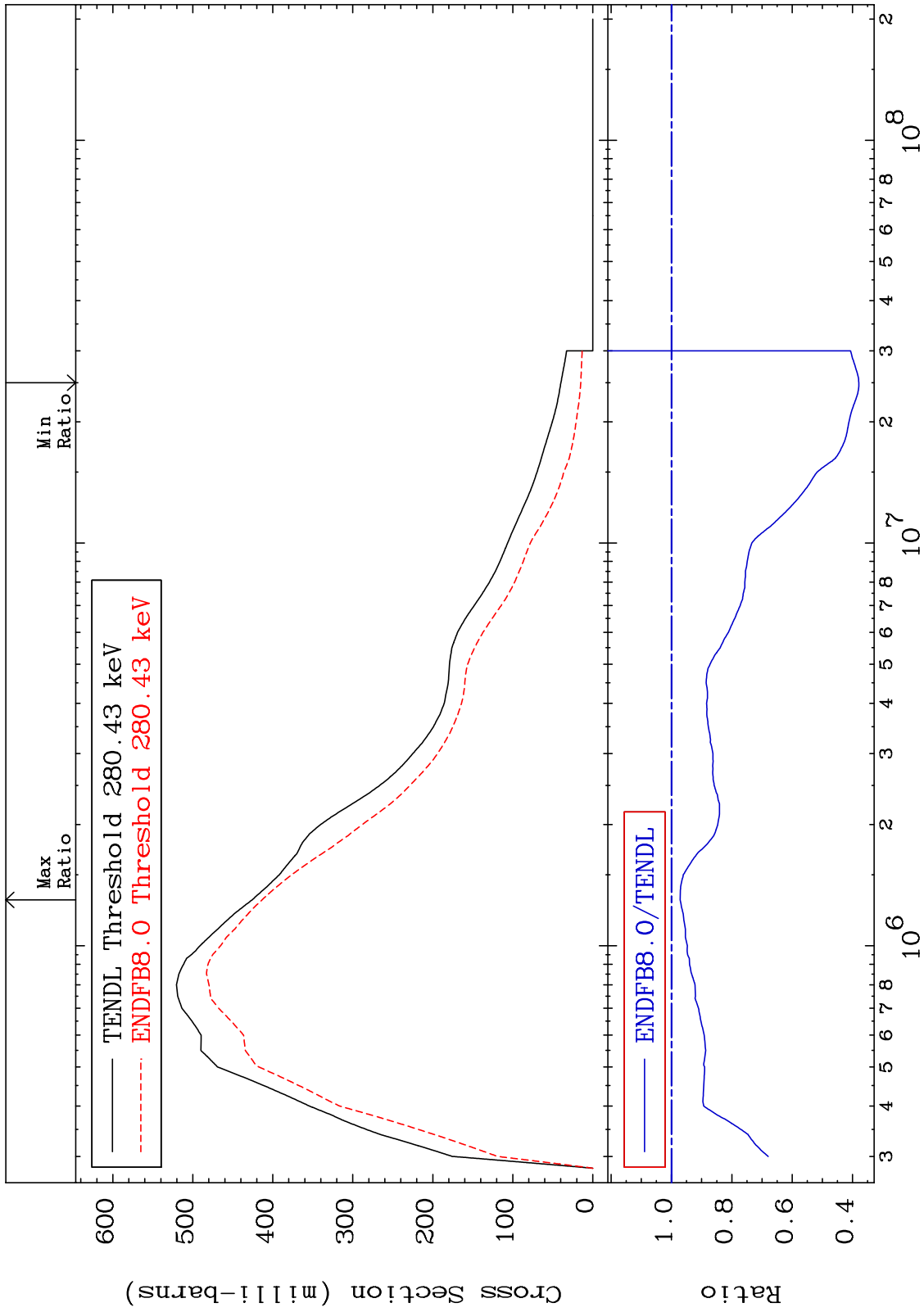
79-Au-197



MAT 7925 MT= 52 (n,n') Level Cross Section -100.0 To 12.73 % 79-Au-197

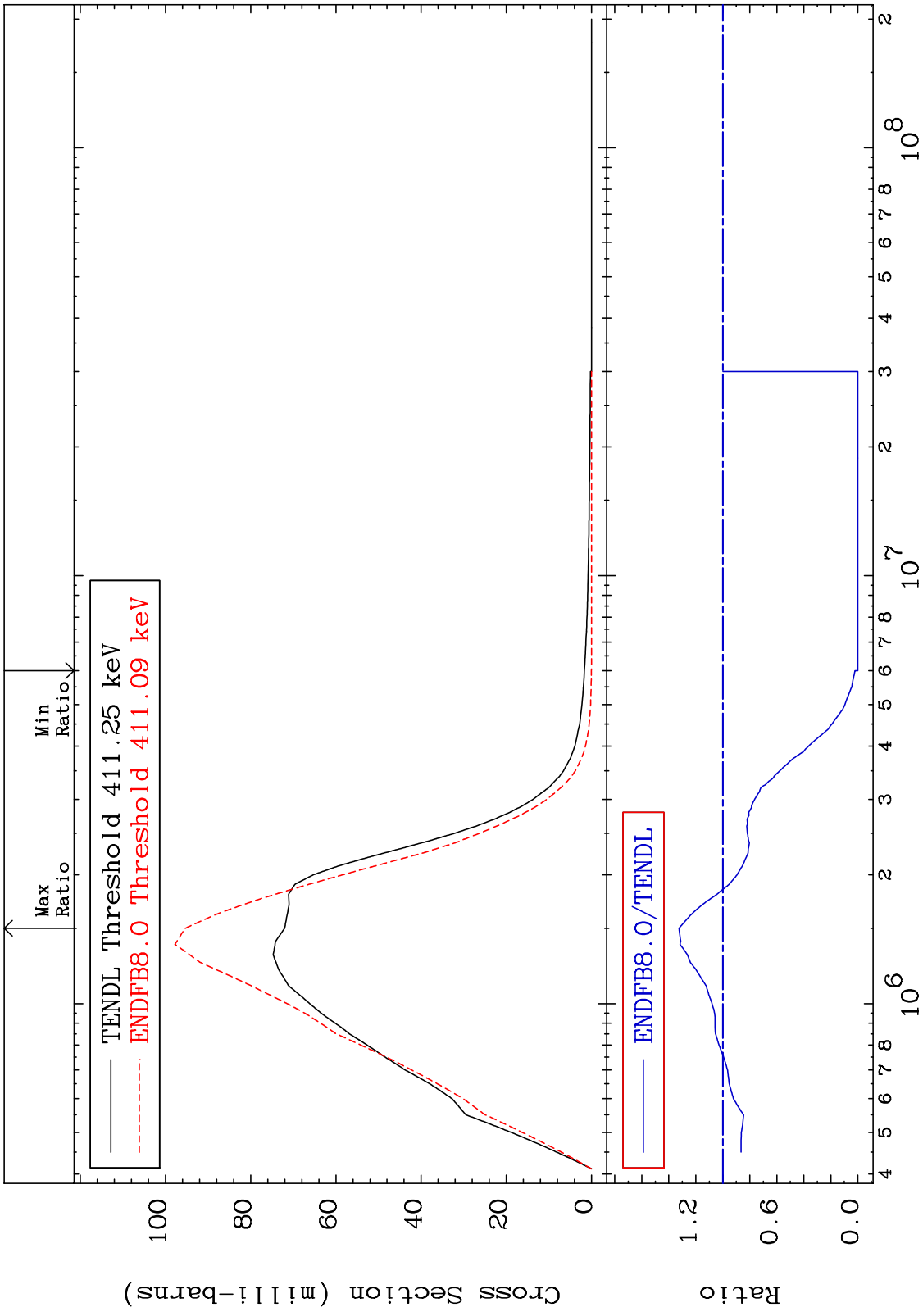


MAT 7925 MT= 53 (n,n') Level Cross Section 79-Au-197 -62.13 To -2.889%



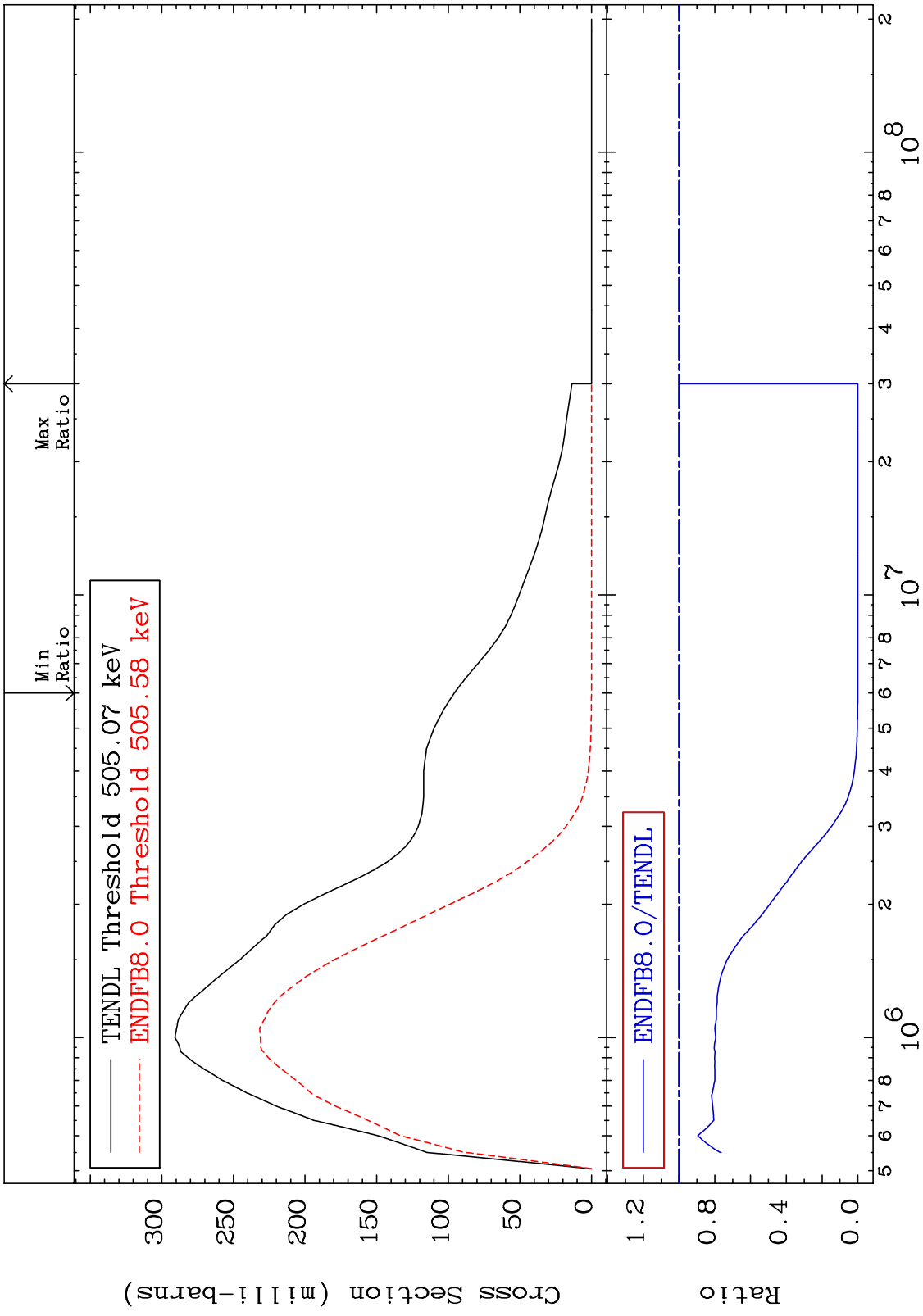
9 79-Au-197

MAT 7925 MT= 54 (n,n') Level Cross Section 79-Au-197  
 -100.0 To 32.42 %

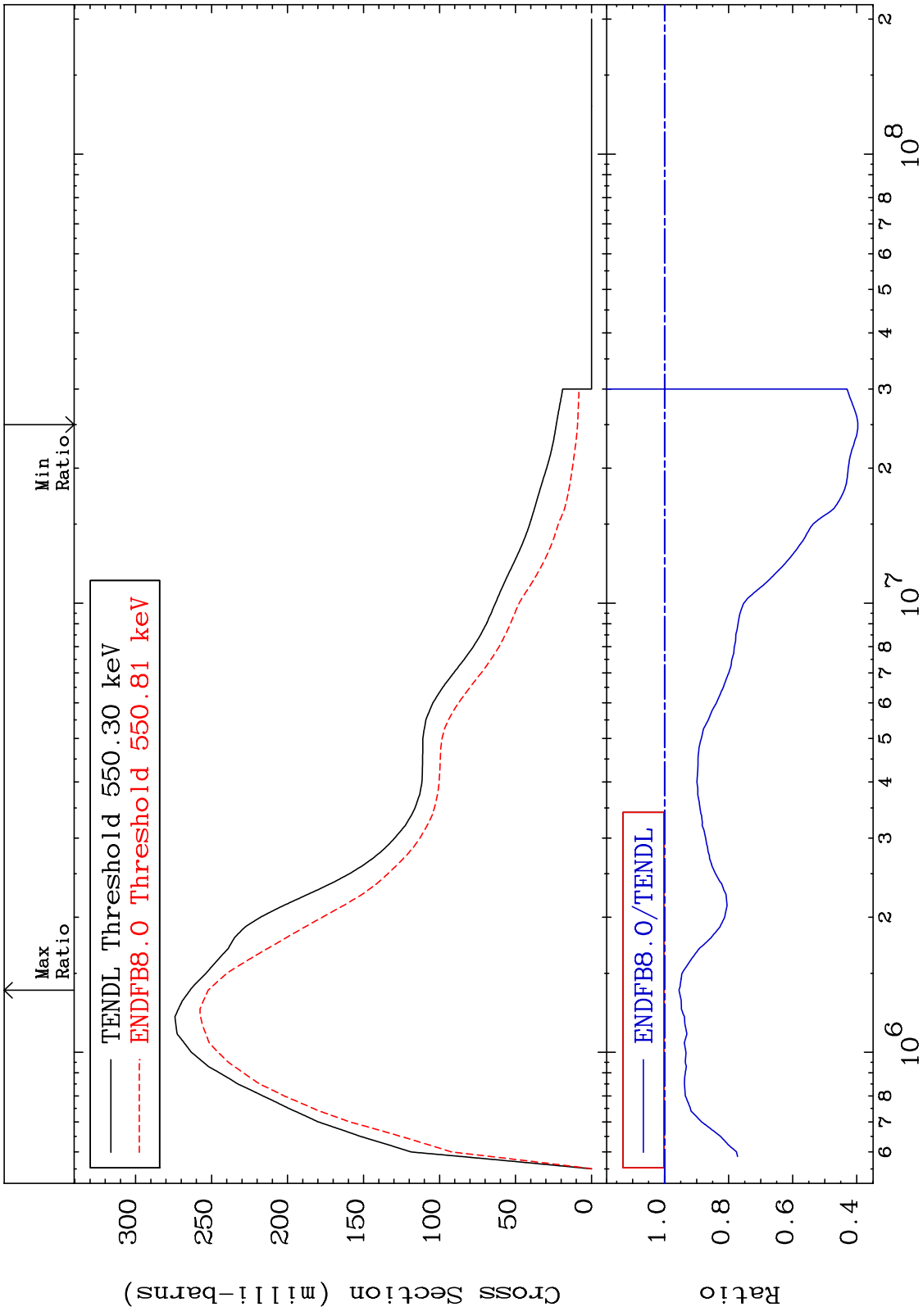


10 79-Au-197

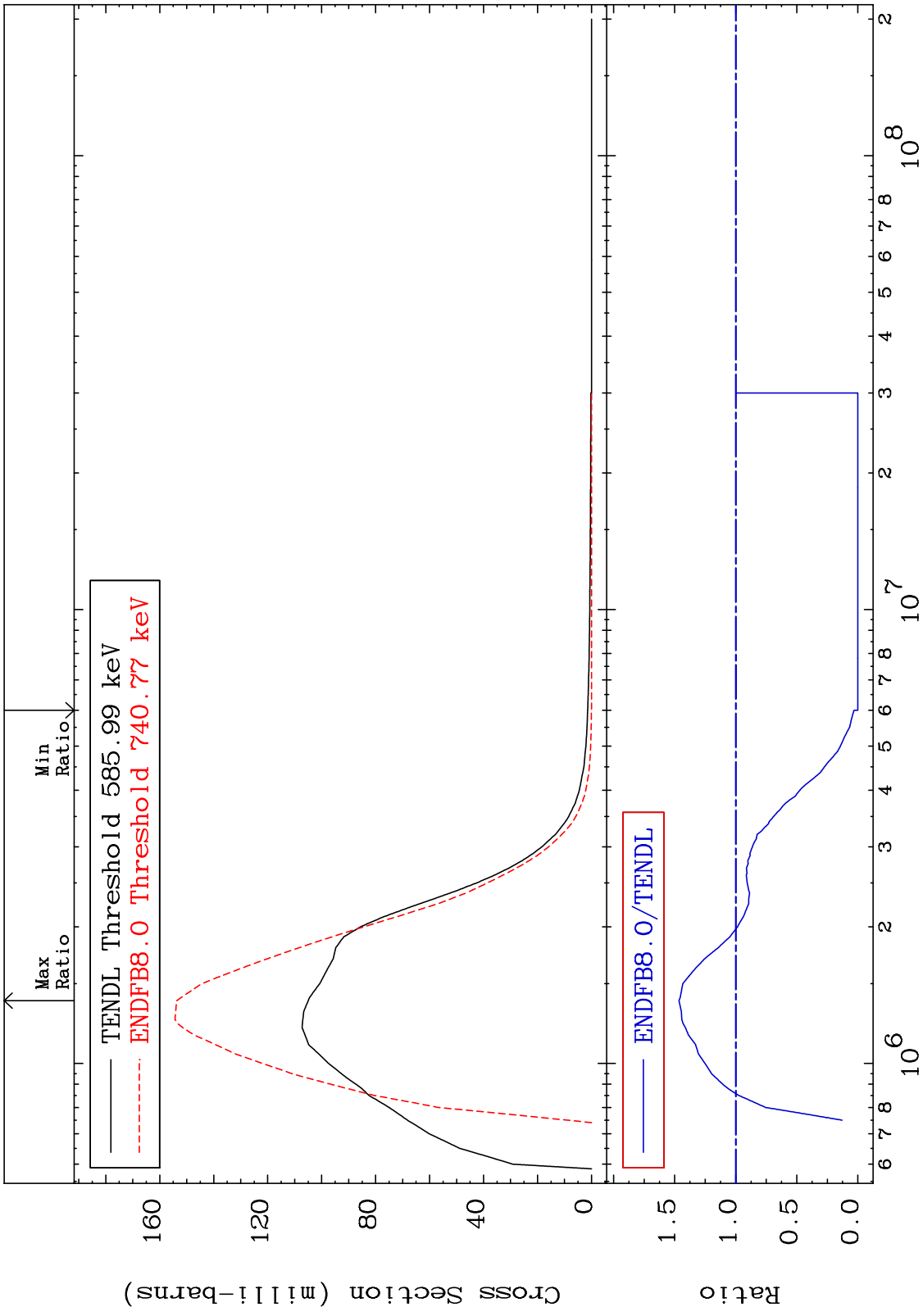
MAT 7925 MT= 55 (n,n') Level Cross Section -100.0 To 0.000 % 79-Au-197



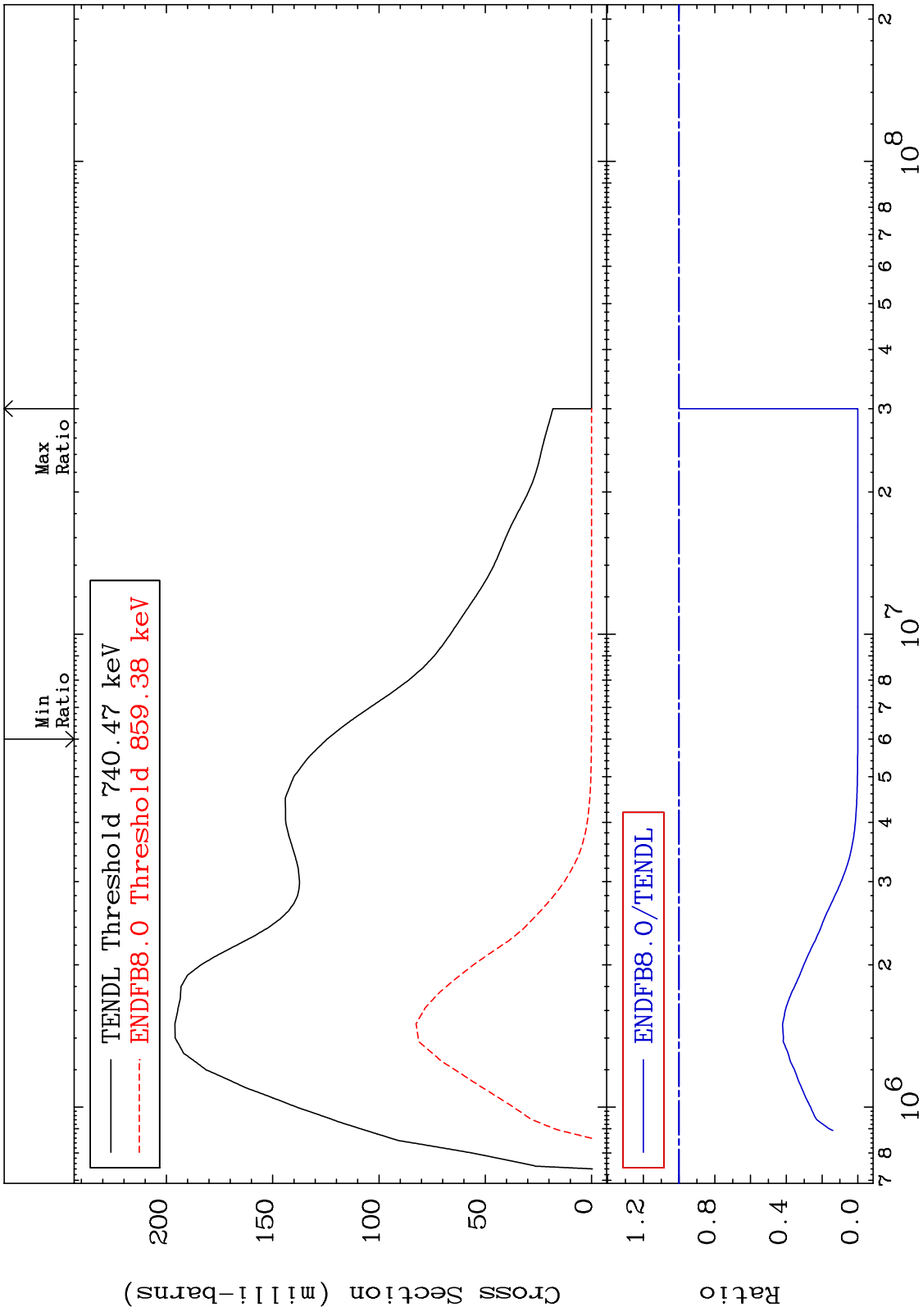
MAT 7925      MT= 56 (n,n') Level      79-Au-197  
 Cross Section      -60.32 To -4.494%



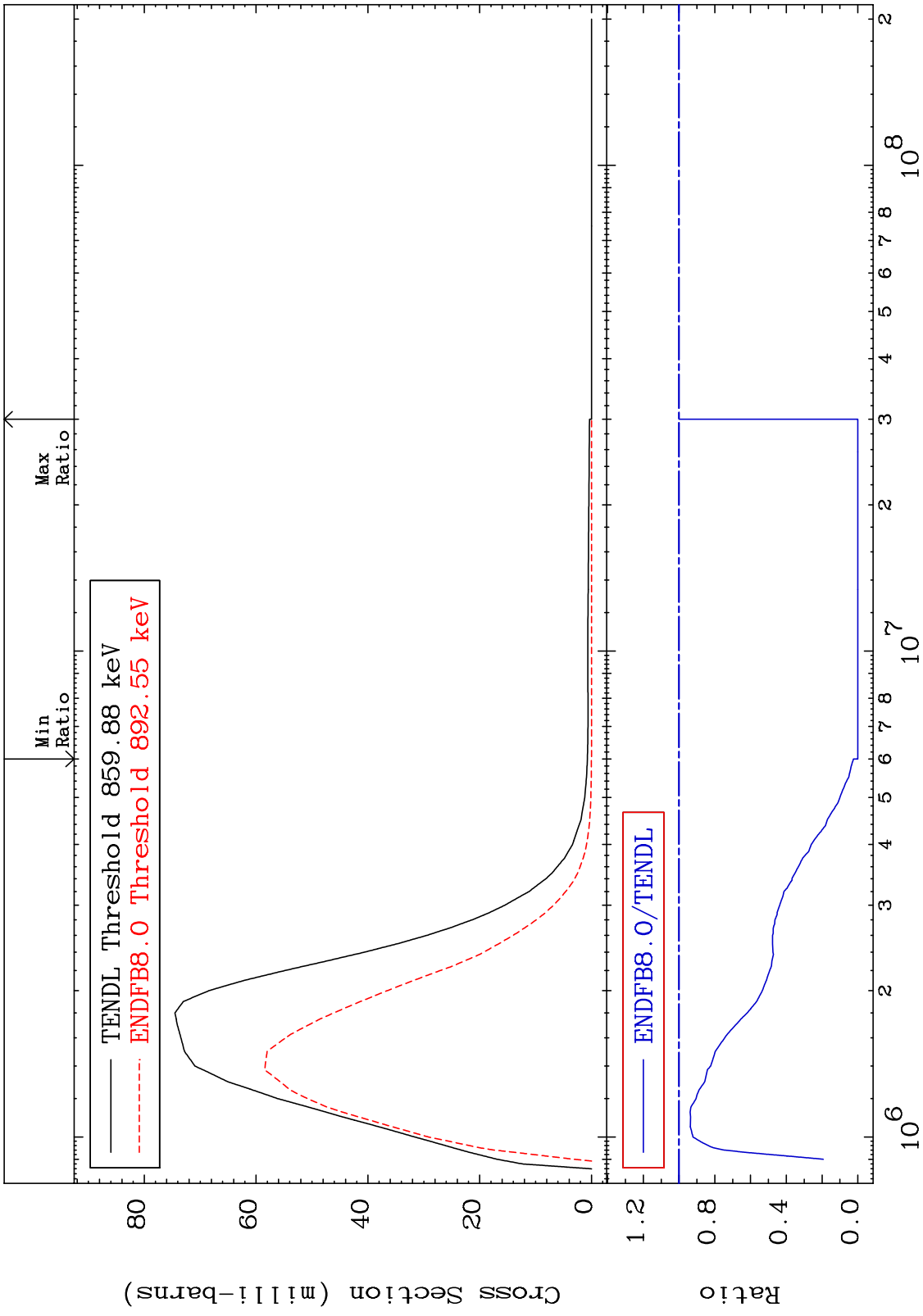
MAT 7925 MT= 57 (n,n') Level Cross Section 79-Au-197  
 -100.0 To 46.44 %



MAT 7925 MT= 58 (n,n') Level Cross Section 79-Au-197  
 -100.0 To 0.000 %



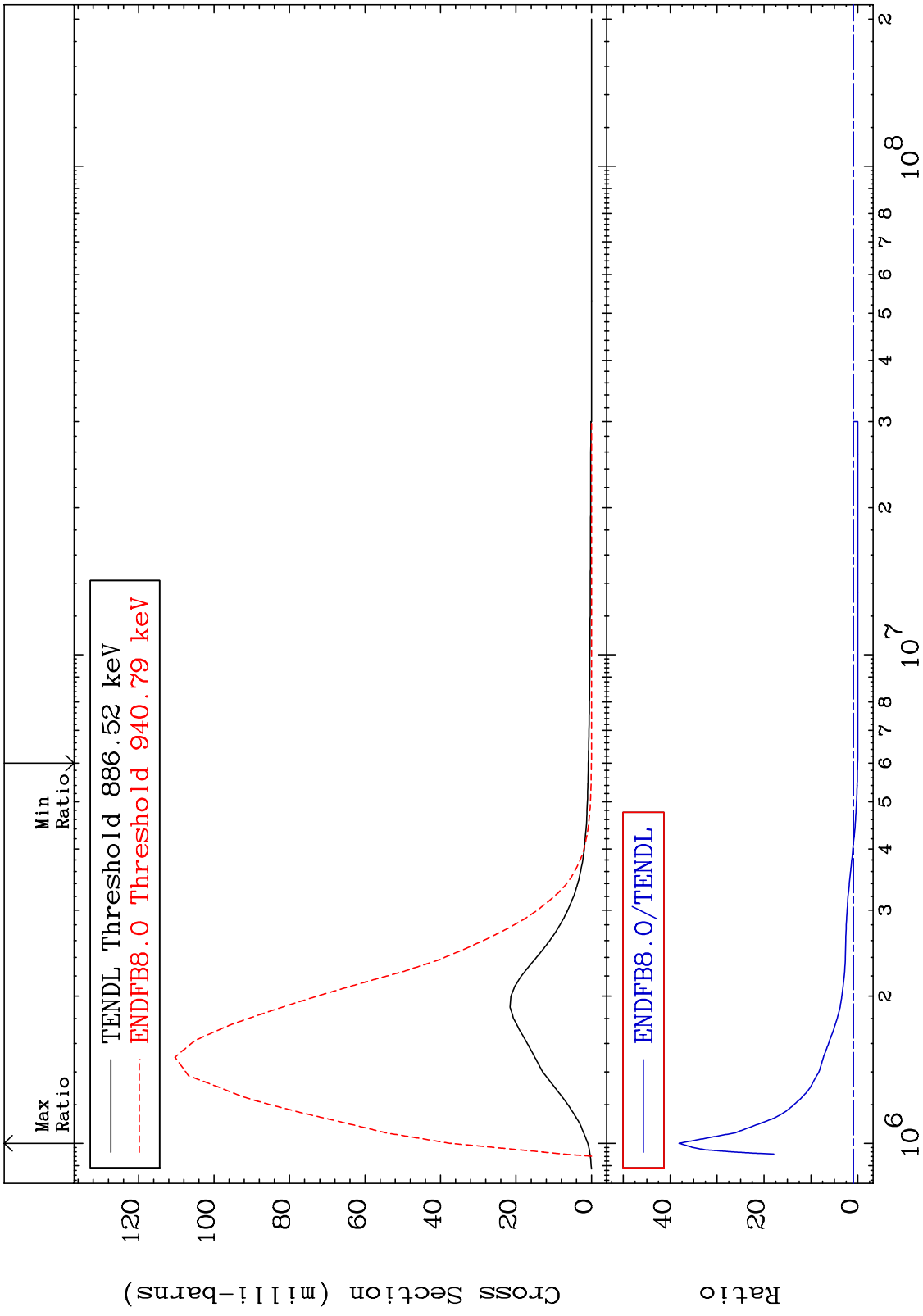
MAT 7925 MT= 59 (n,n') Level Cross Section 79-Au-197 -100.0 To 0.000 %



15 Incident Energy (eV) 79-Au-197

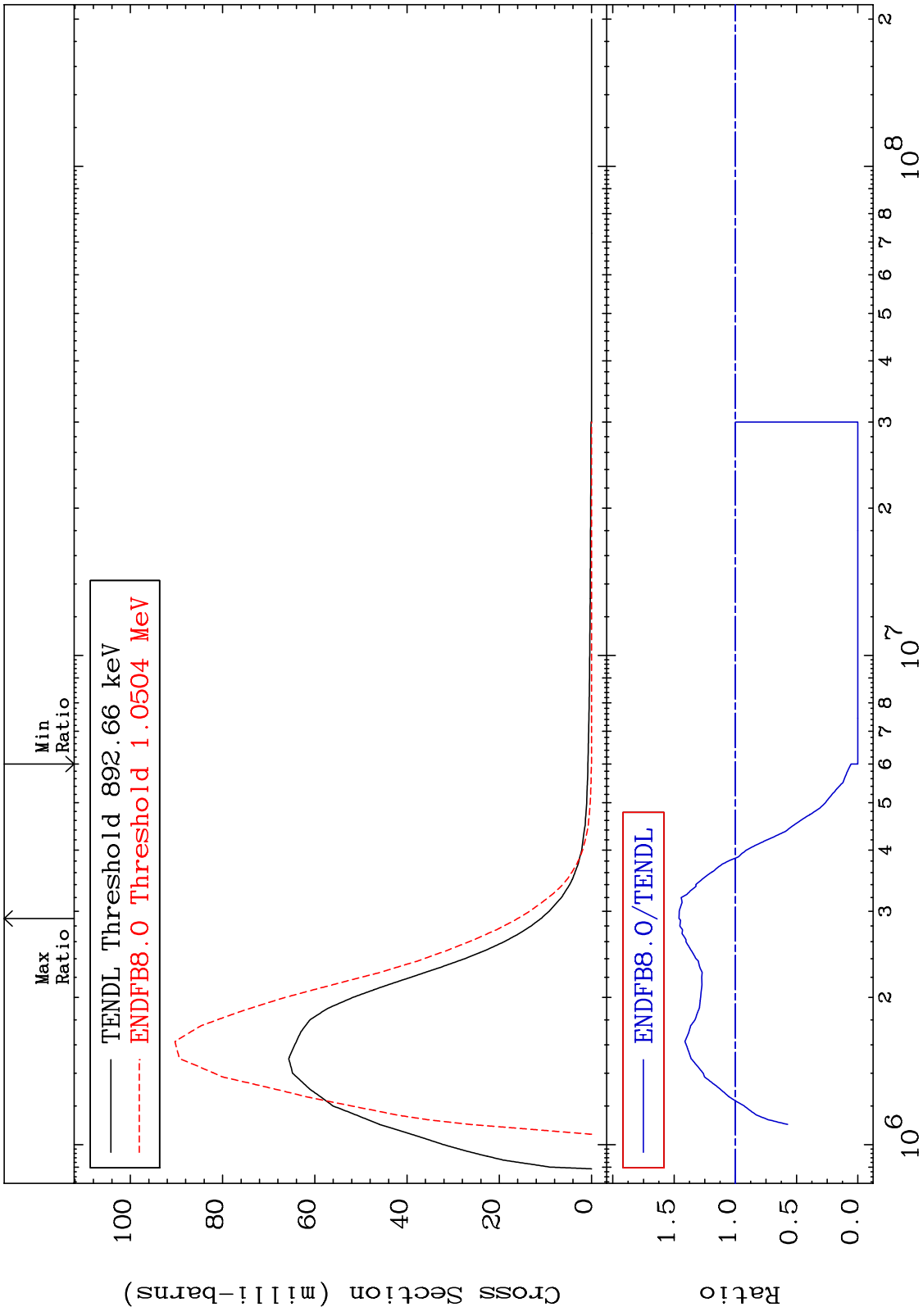


MAT 7925 MT= 60 (n,n') Level Cross Section 79-Au-197 -100.0 To 3712. %



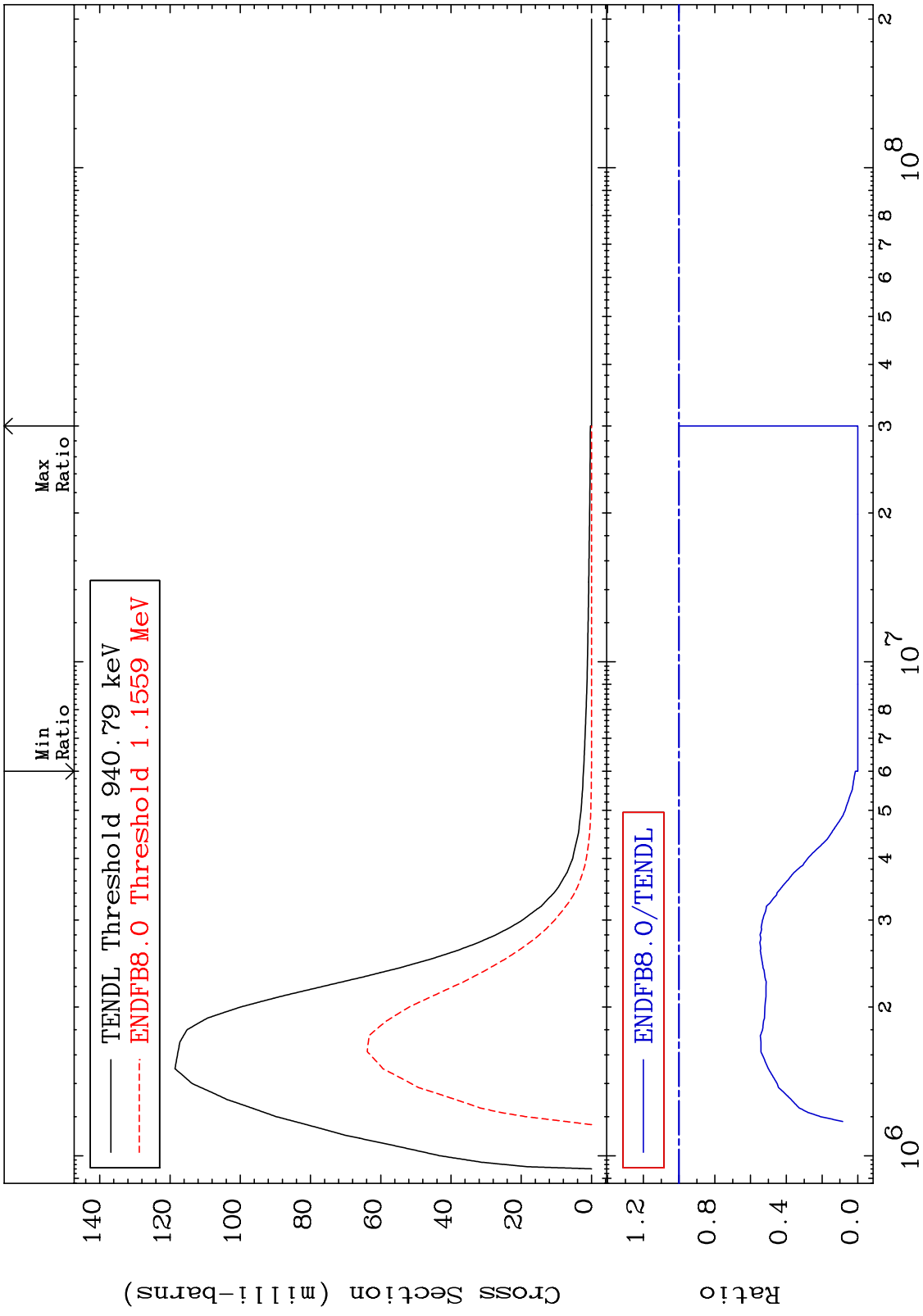
16 79-Au-197

MAT 7925 MT= 61 (n,n') Level Cross Section 79-Au-197 -100.0 To 45.95 %



17 79-Au-197

MAT 7925 MT= 62 (n,n') Level Cross Section 79-Au-197  
 -100.0 To 0.000 %

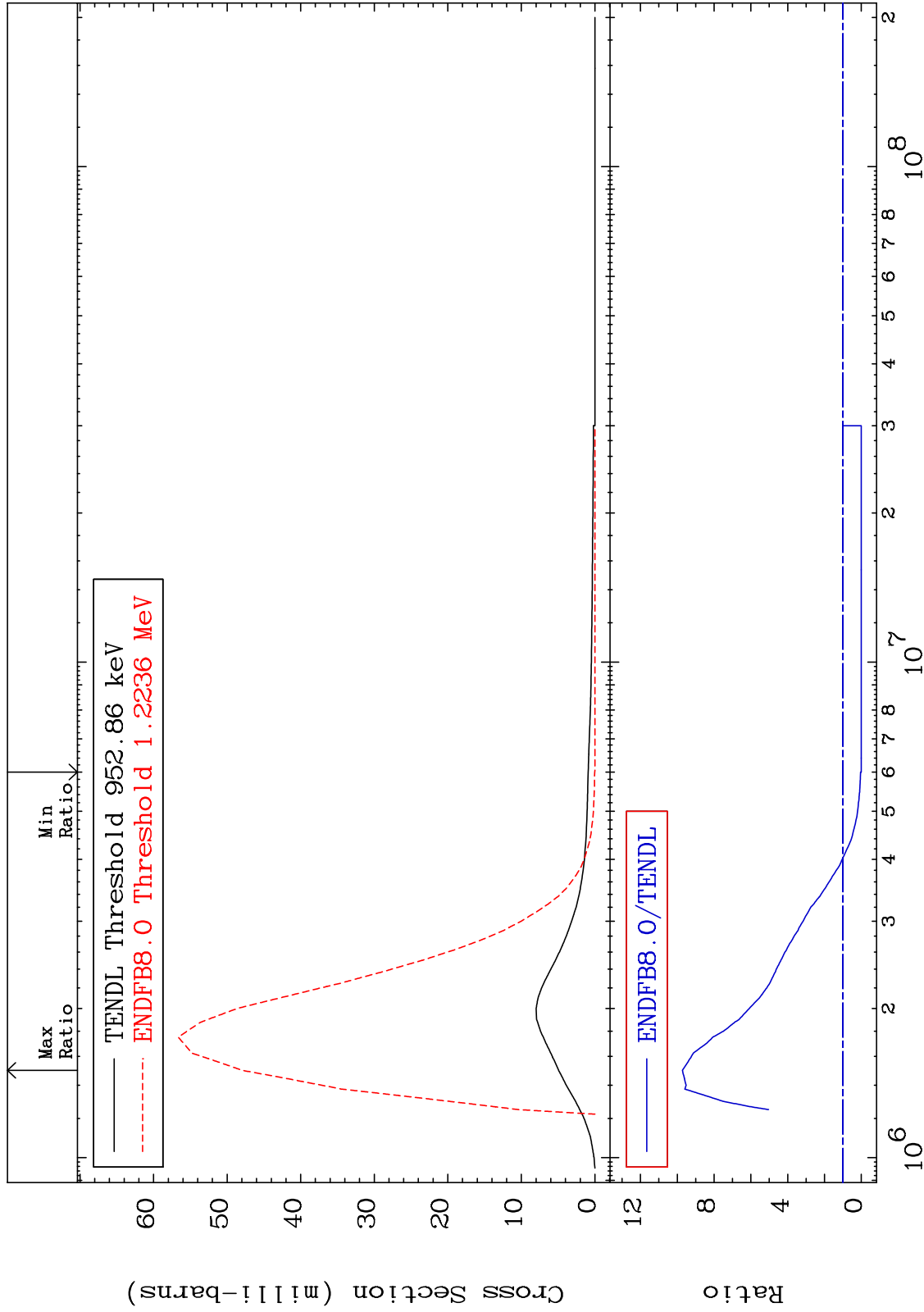


18 Incident Energy (eV) 79-Au-197

MAT 7925

MT= 63 (n,n') Level  
Cross Section

79-Au-197  
-100.0 To 871.9 %



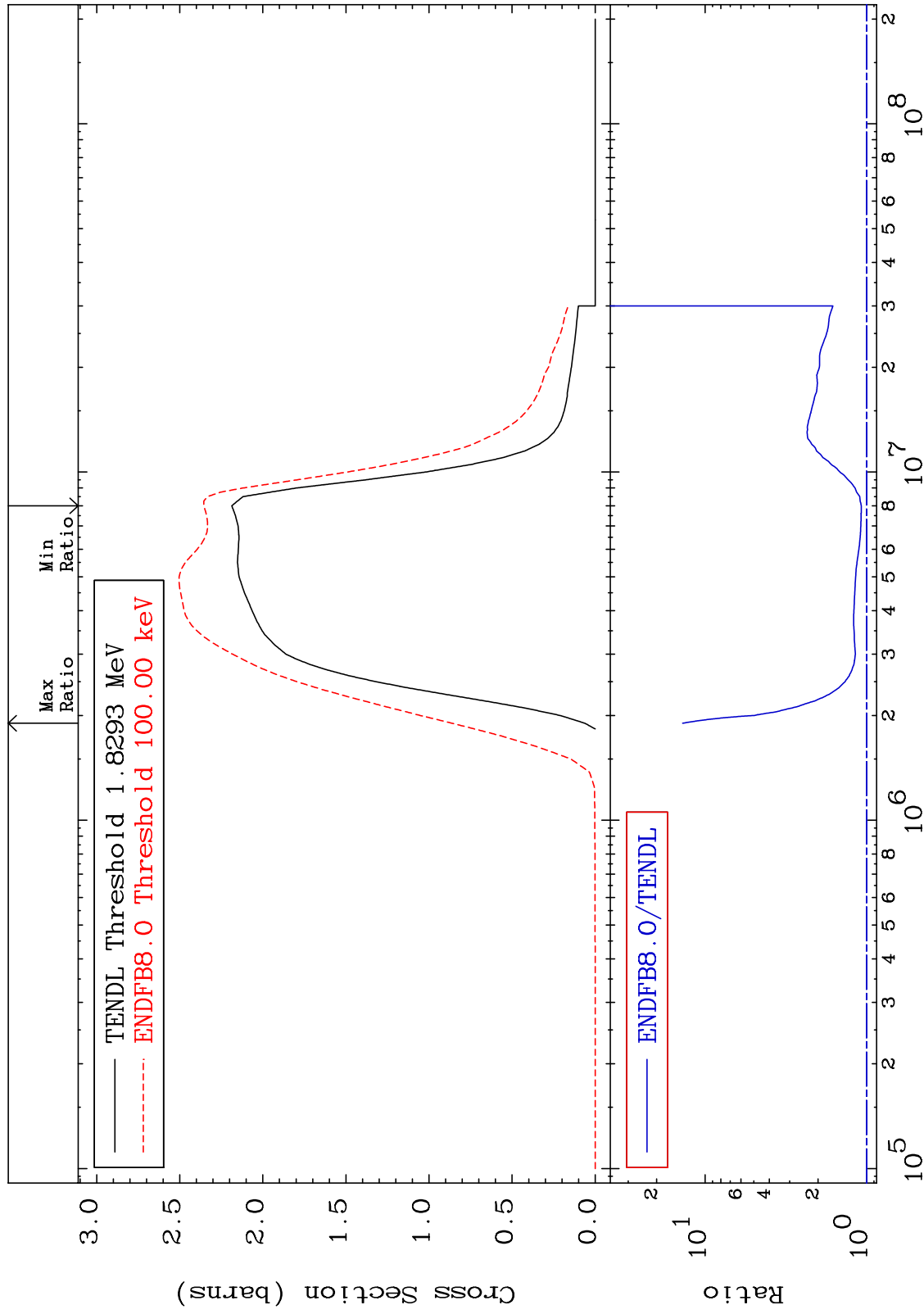
79-Au-197

19

MAT 7925

(n, n') Continuum  
Cross Section

79-Au-197  
7.683 To 1279. %



20

Incident Energy (eV)

79-Au-197

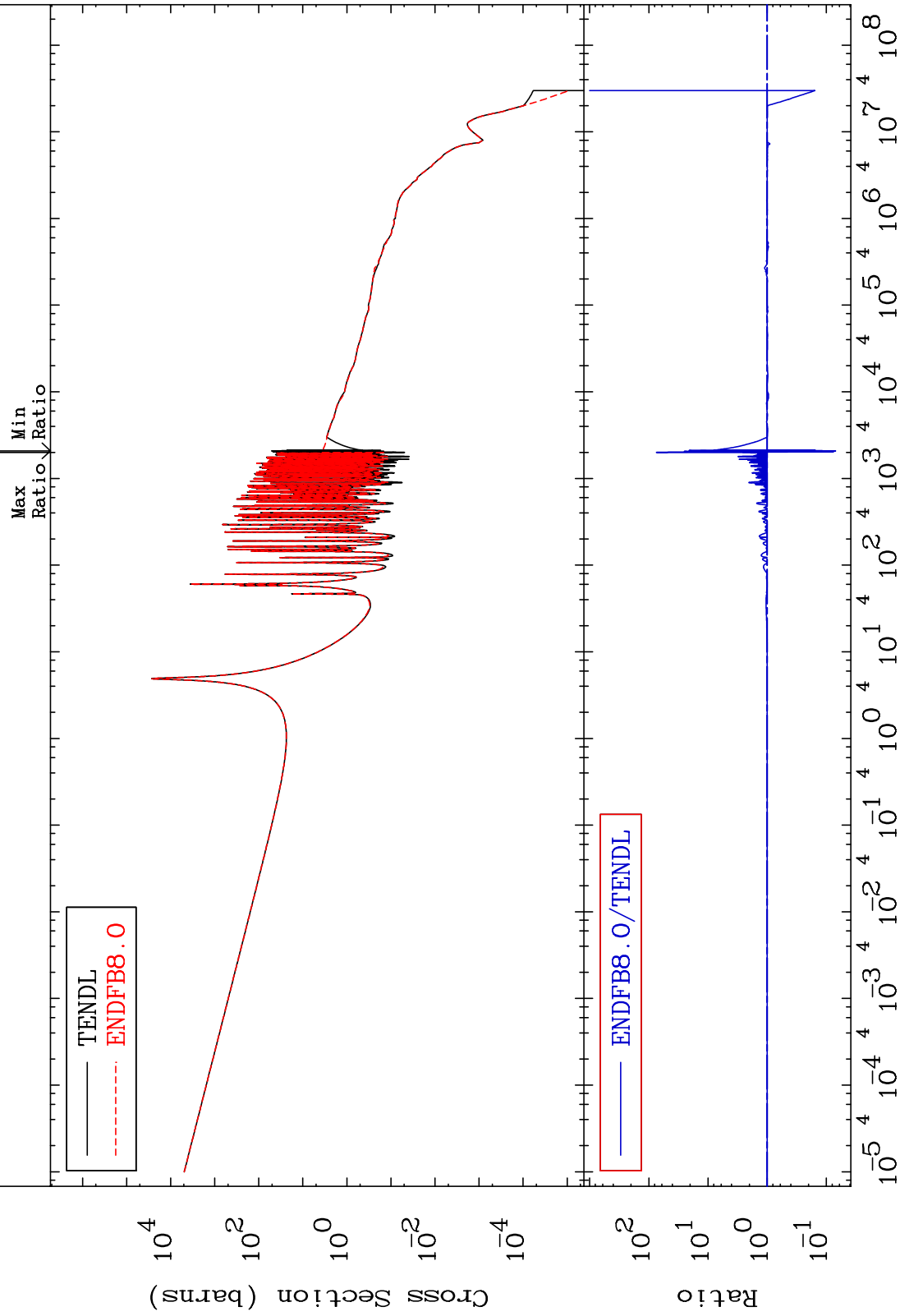
MAT 7925

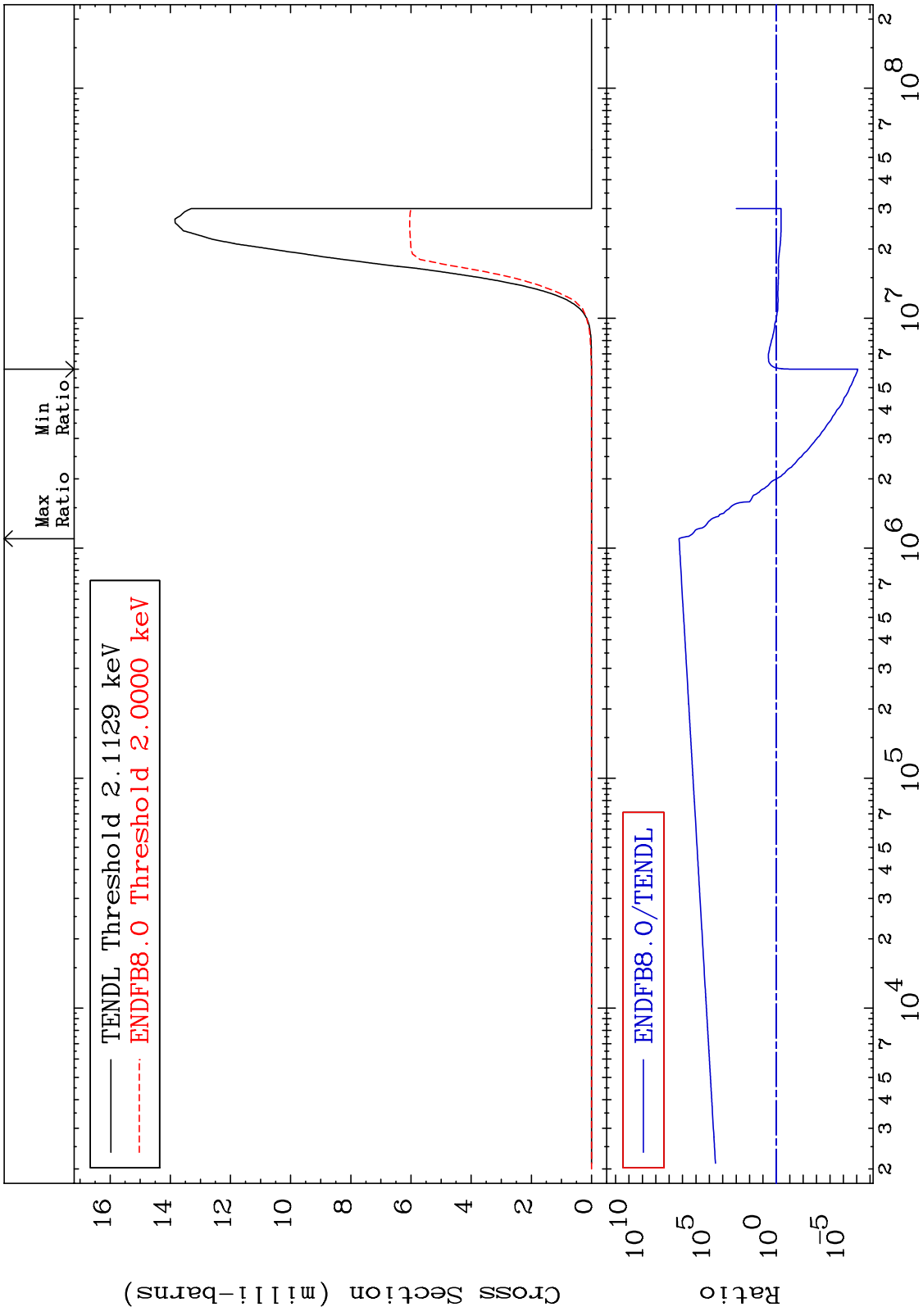
(n,  $\gamma$ )

79-Au-197

-93.00 To 7336. %

Cross Section





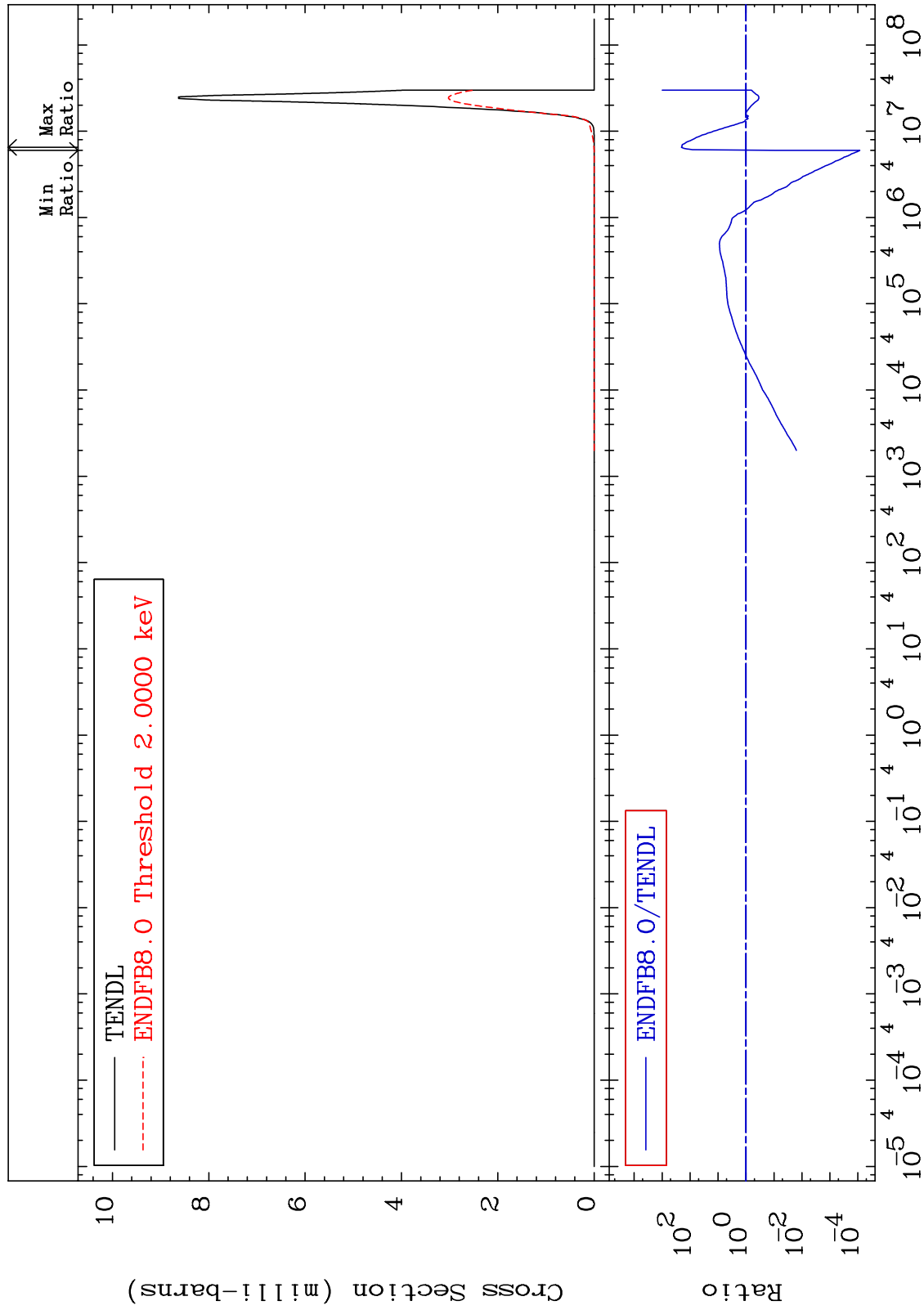
MAT 7925

(n,  $\alpha$ )

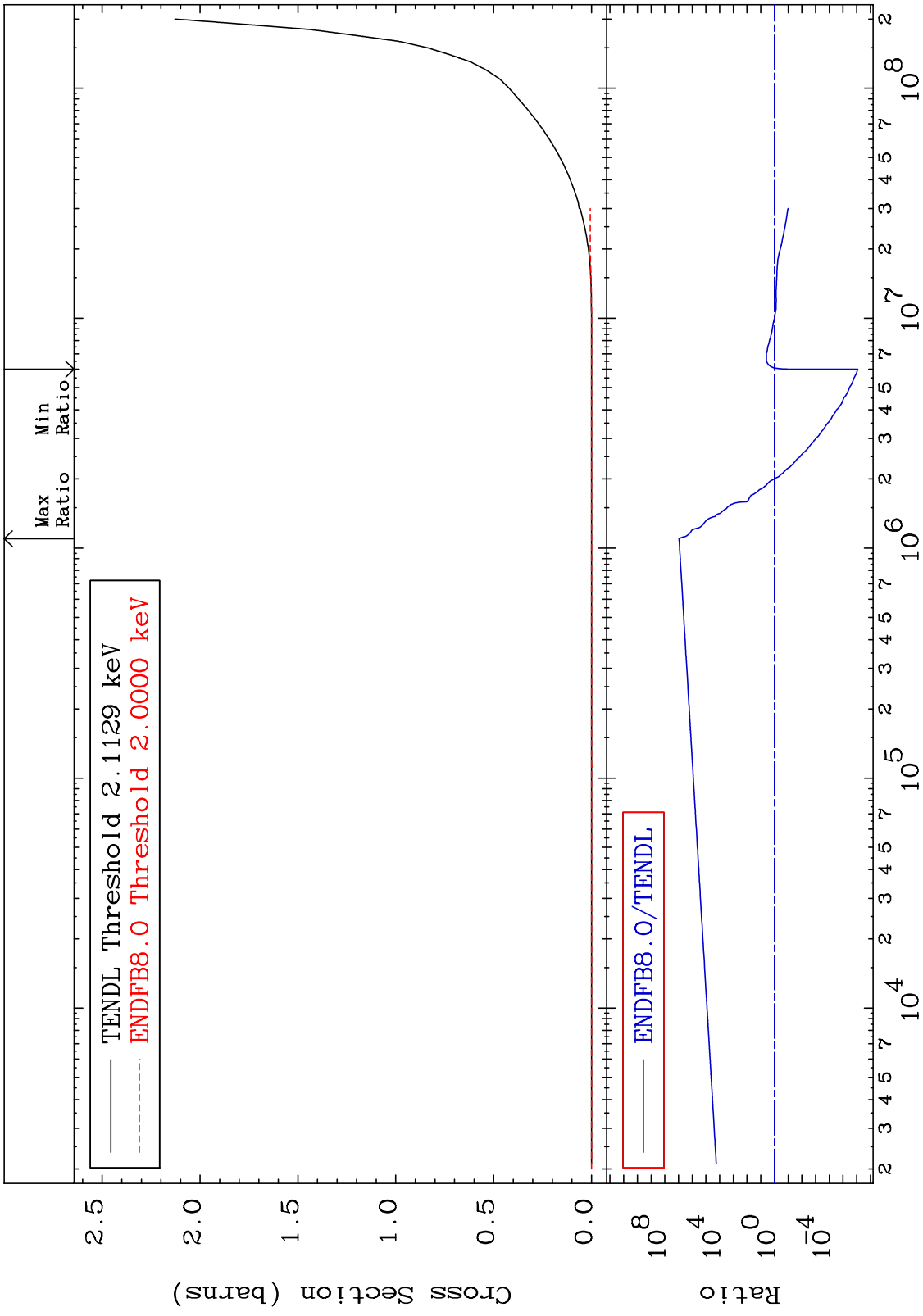
79-Au-197

Cross Section

-99.99 To 9999. %



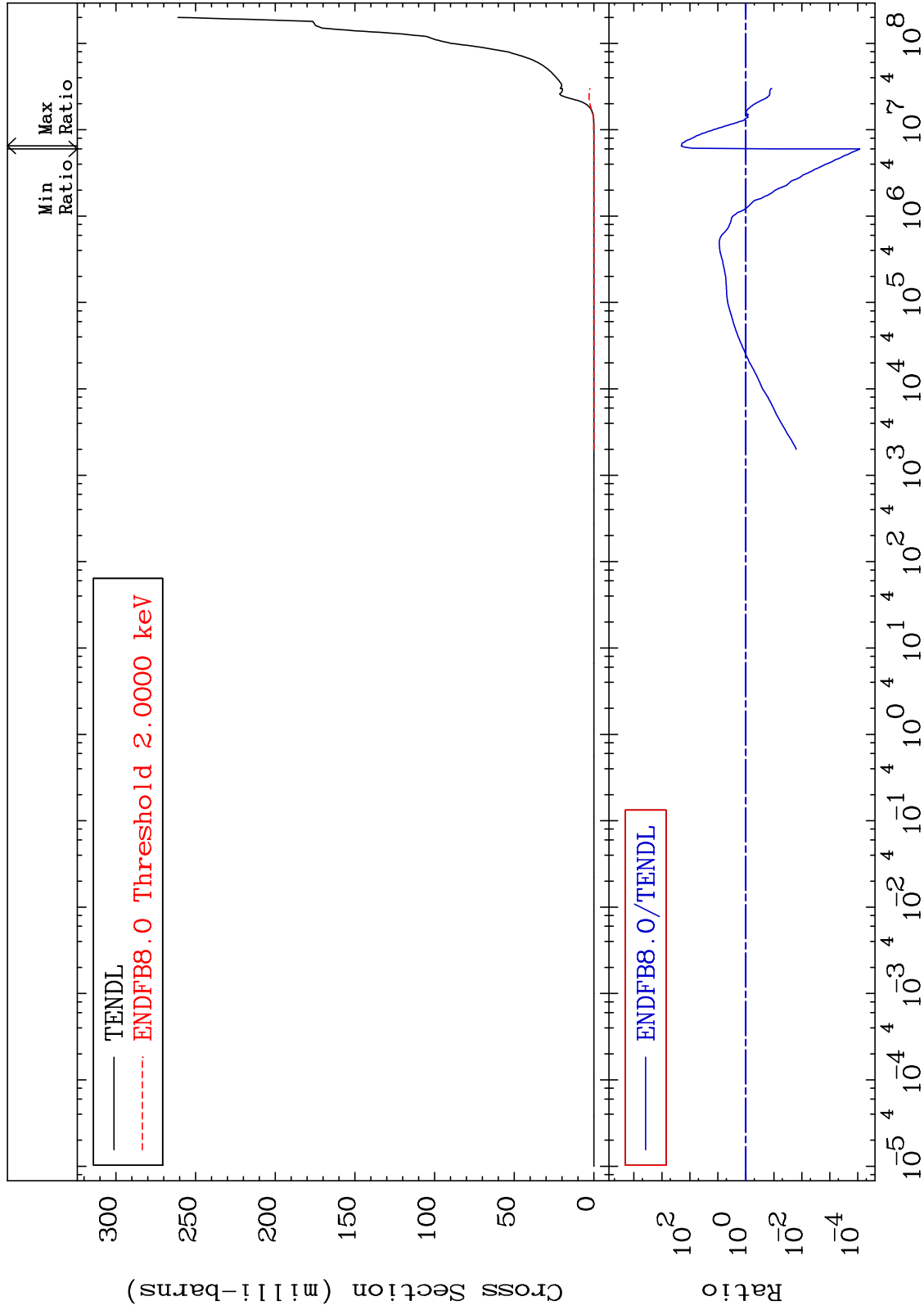




MAT 7925

He-4 Production  
Cross Section

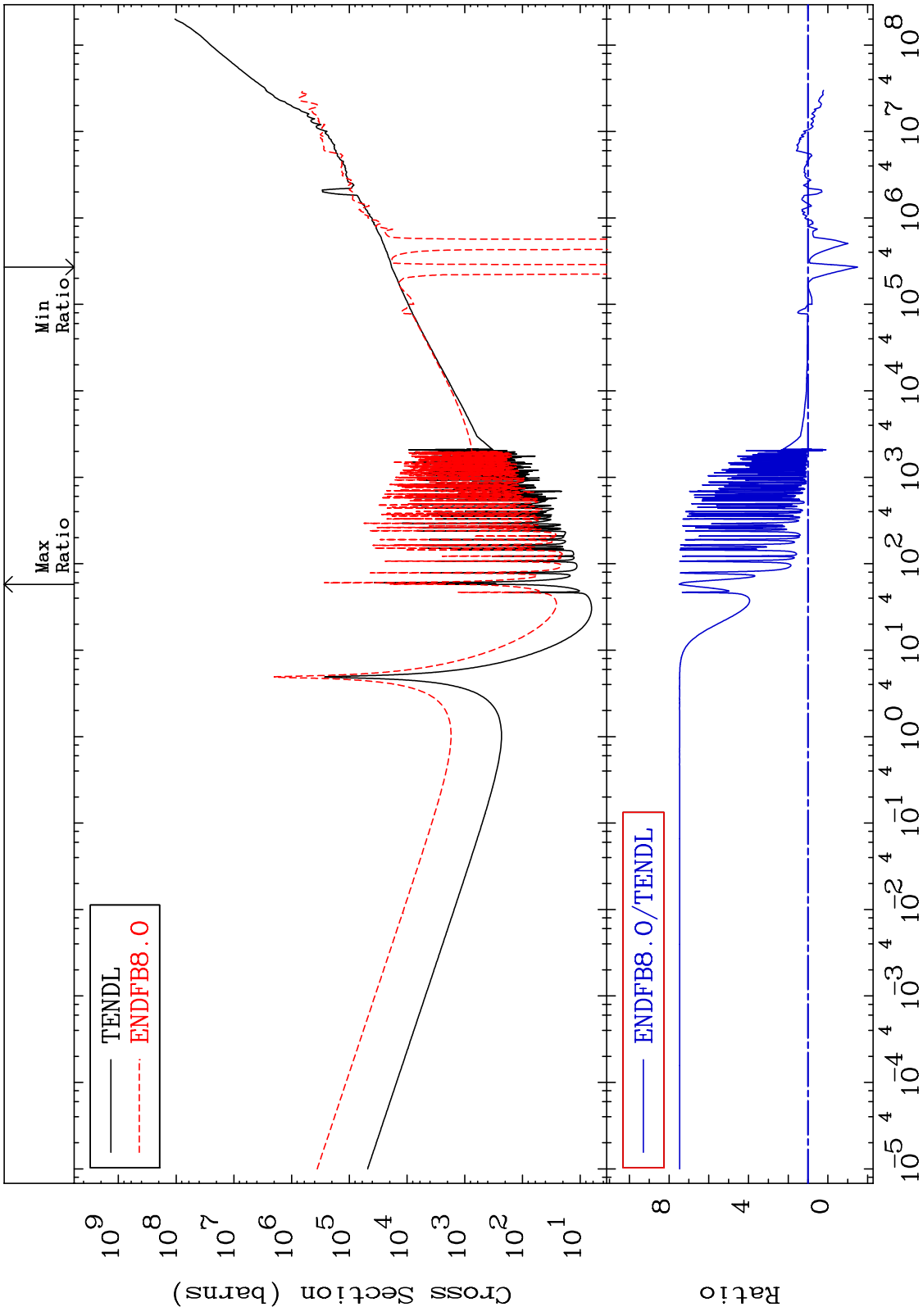
79-Au-197  
-99.99 To 9999. %



Incident Energy (eV)

79-Au-197

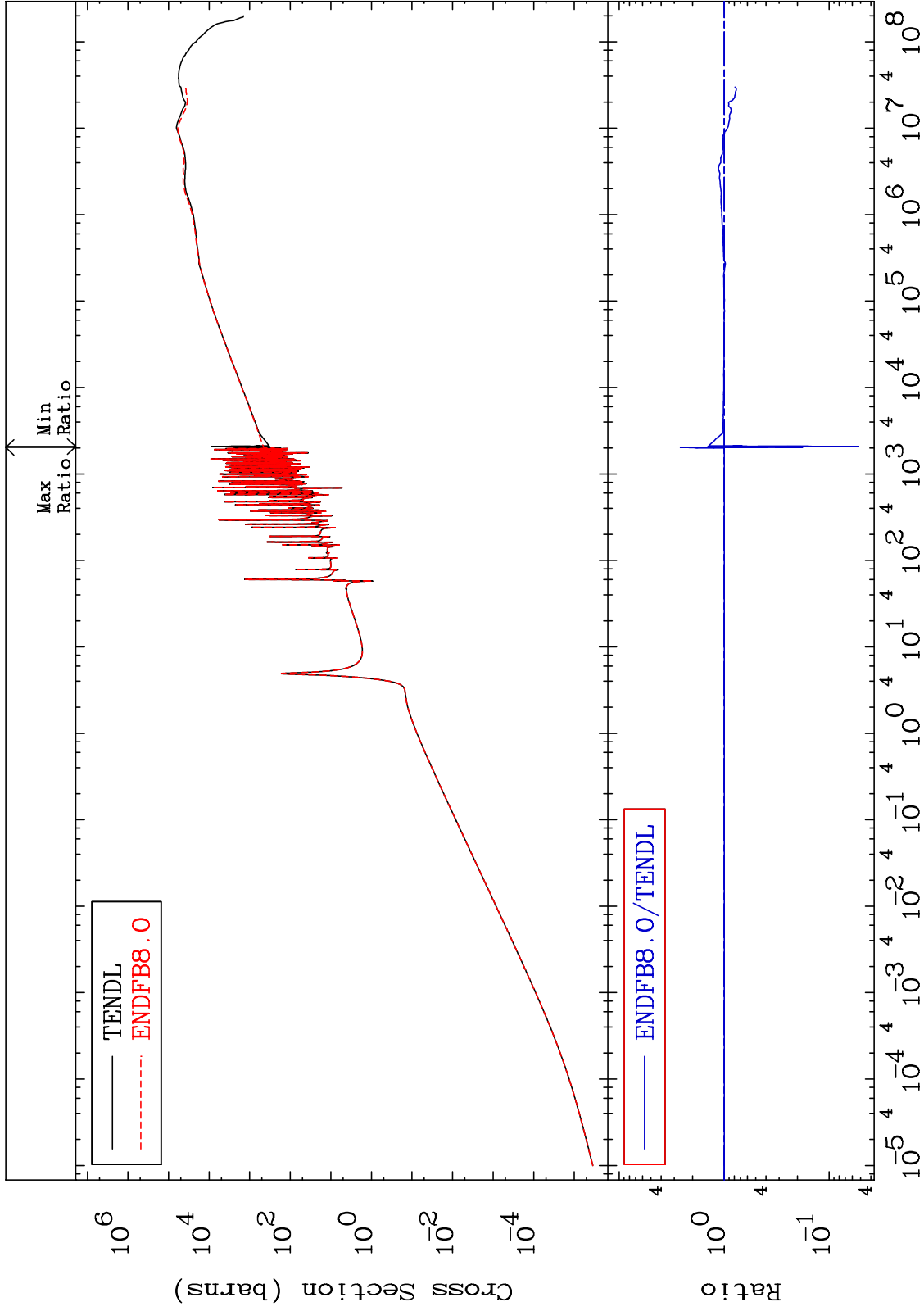
MAT 7925 Kerma total (eV-barns) 79-Au-197  
 Cross Section -250.7 To 649.7 %



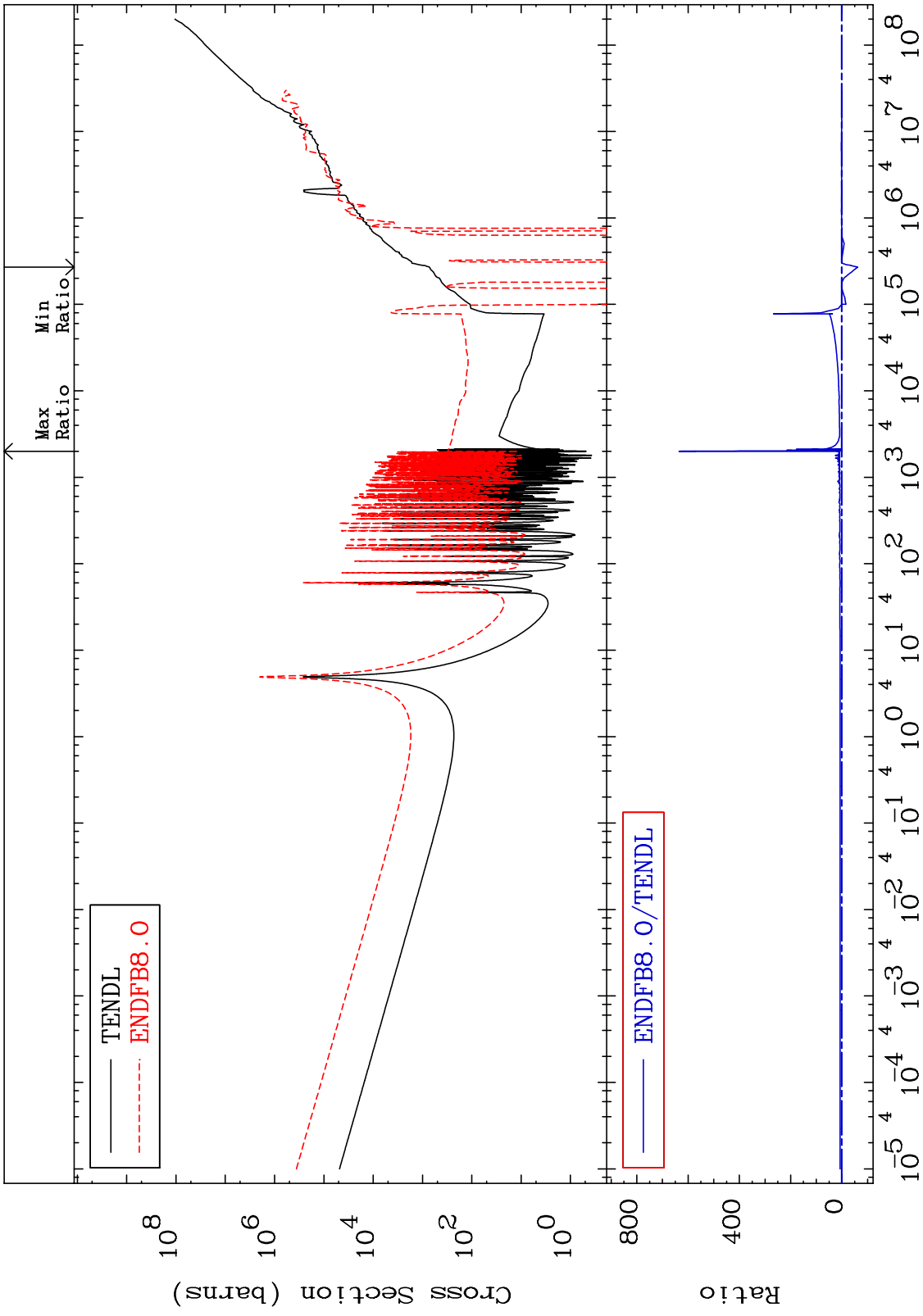
MAT 7925

Kerma elastic  
Cross Section

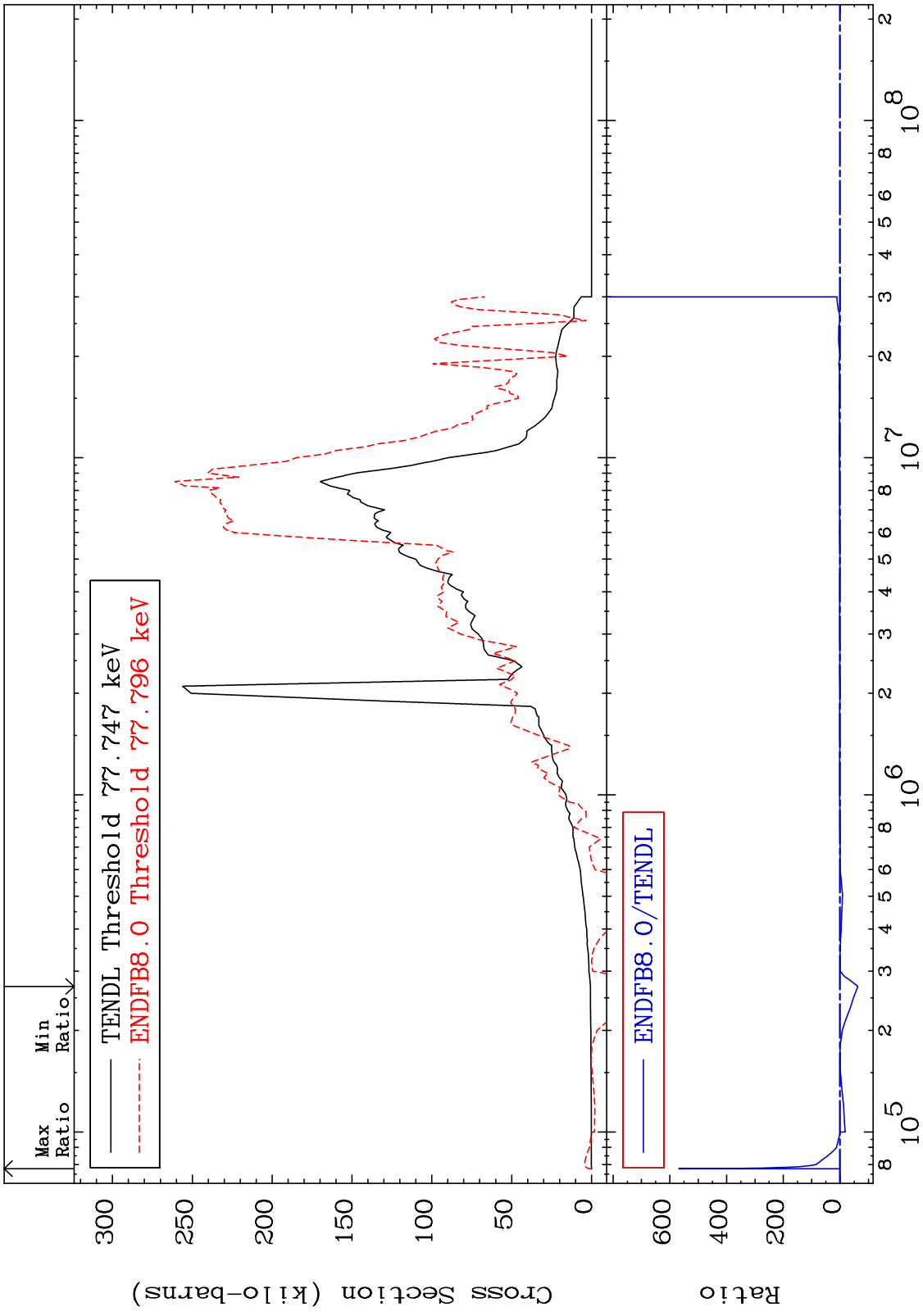
79-Au-197  
-94.80 To 162.6 %



MAT 7925 Kerma non-elastic (all but mt2) 79-Au-197  
 Cross Section -6310. To 9999. %



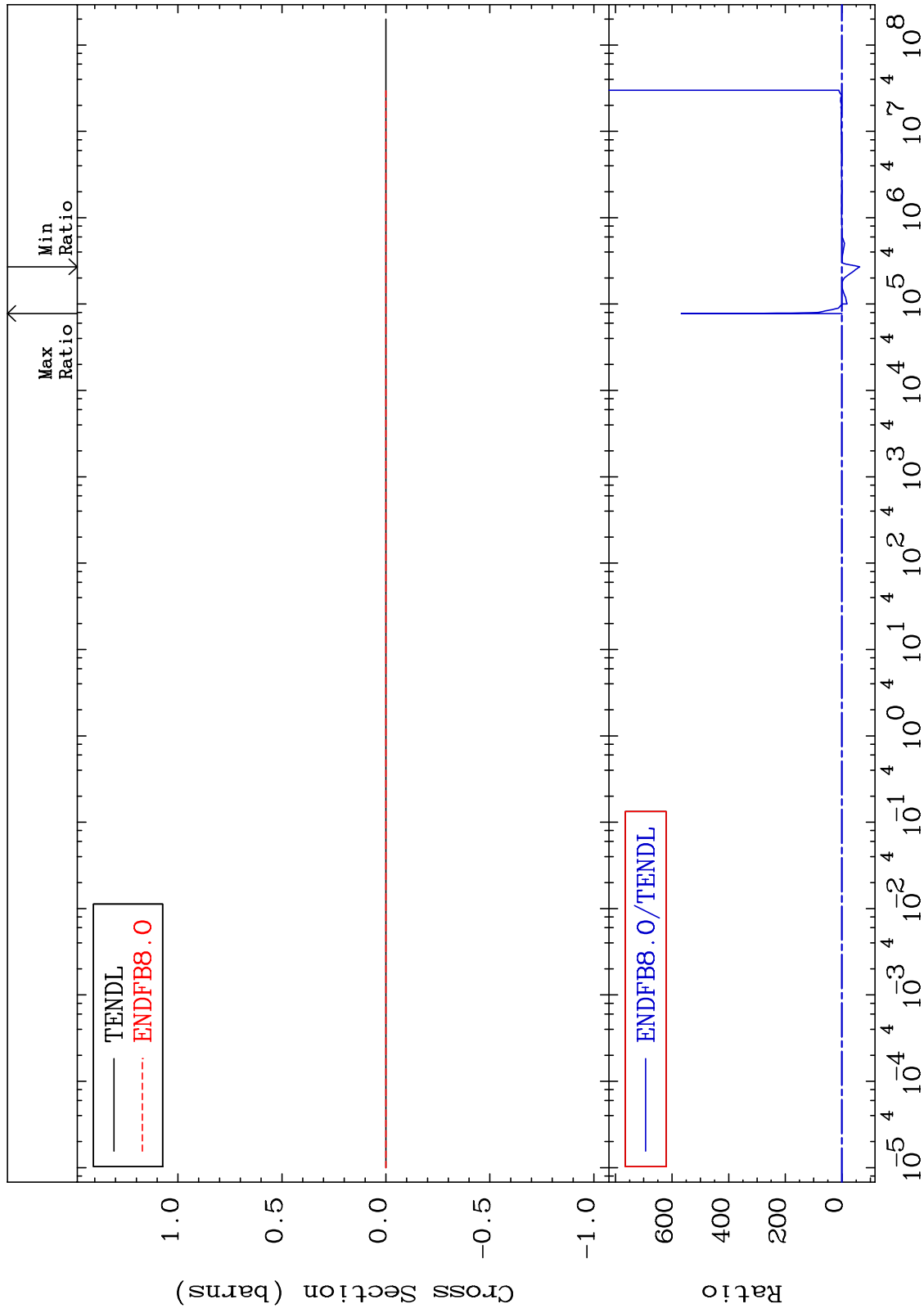
MAT 7925 Kerma inelastic (mt51-91) 79-Au-197  
 -6374. To 9999. %  
 Cross Section



MAT 7925

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

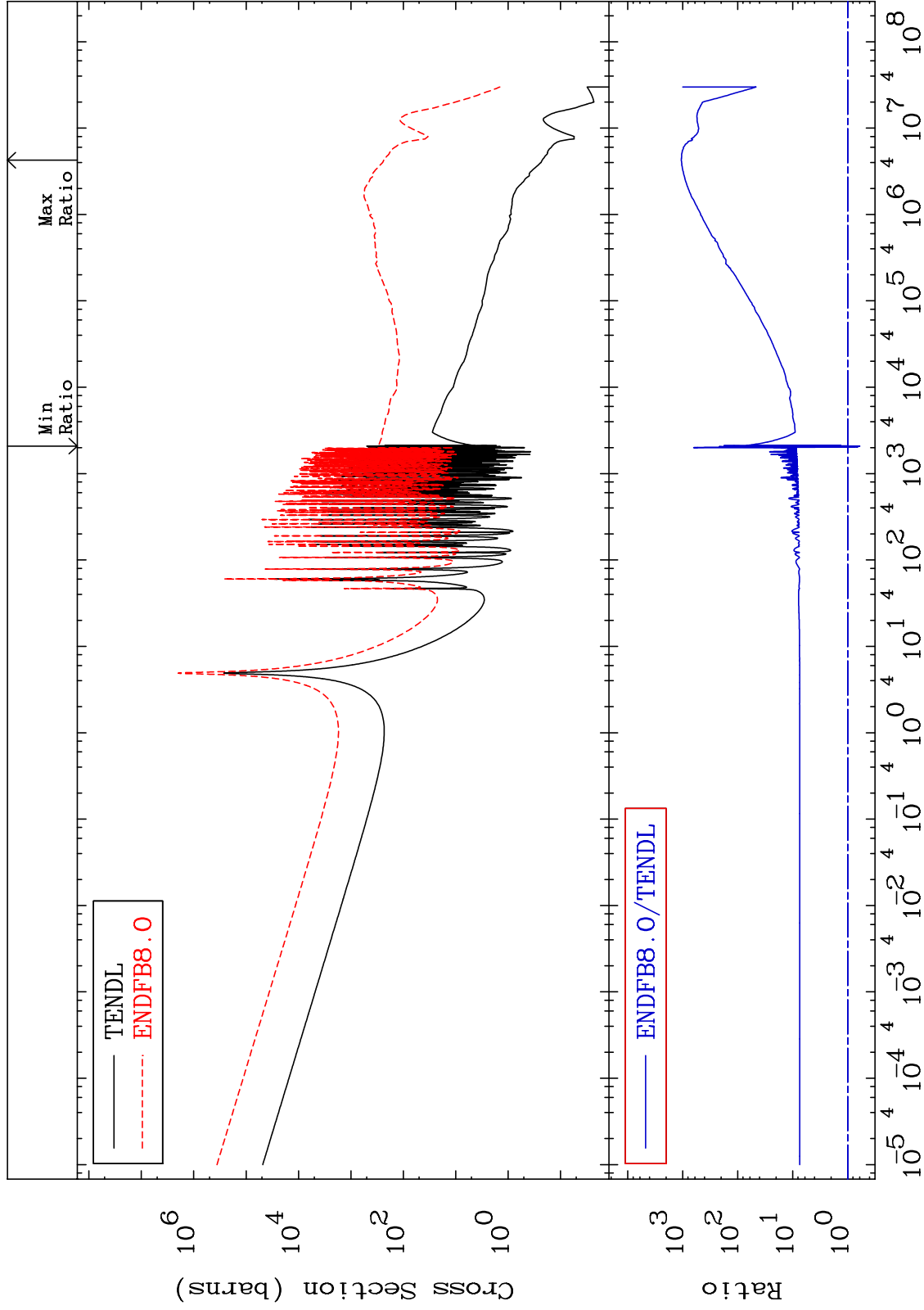
79-Au-197  
-6374. To 9999. %



MAT 7925

Kerma capture (mt102)  
Cross Section

79-Au-197  
-39.90 To 9999. %

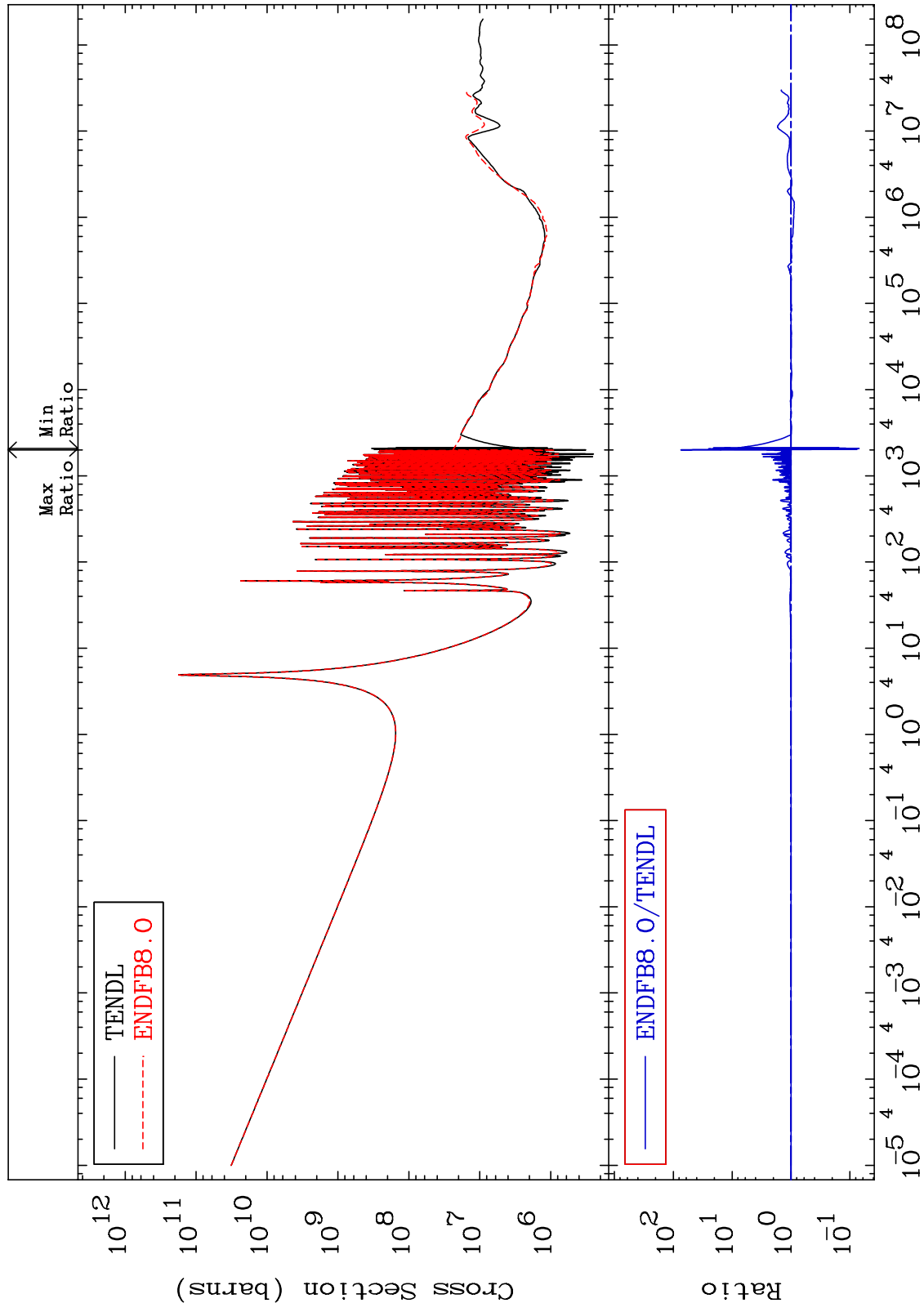




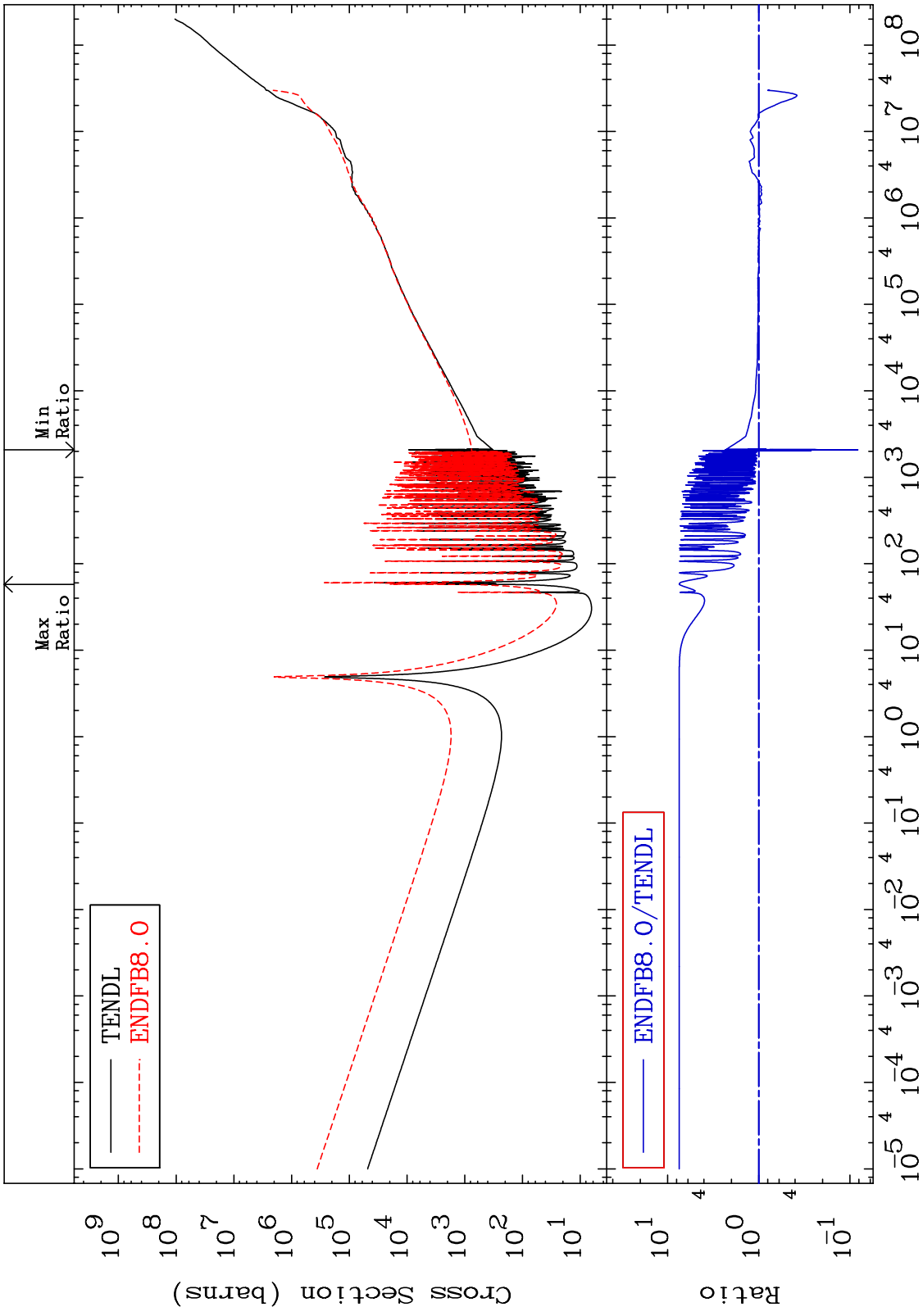
MAT 7925

Total photon (eV-barns)  
Cross Section

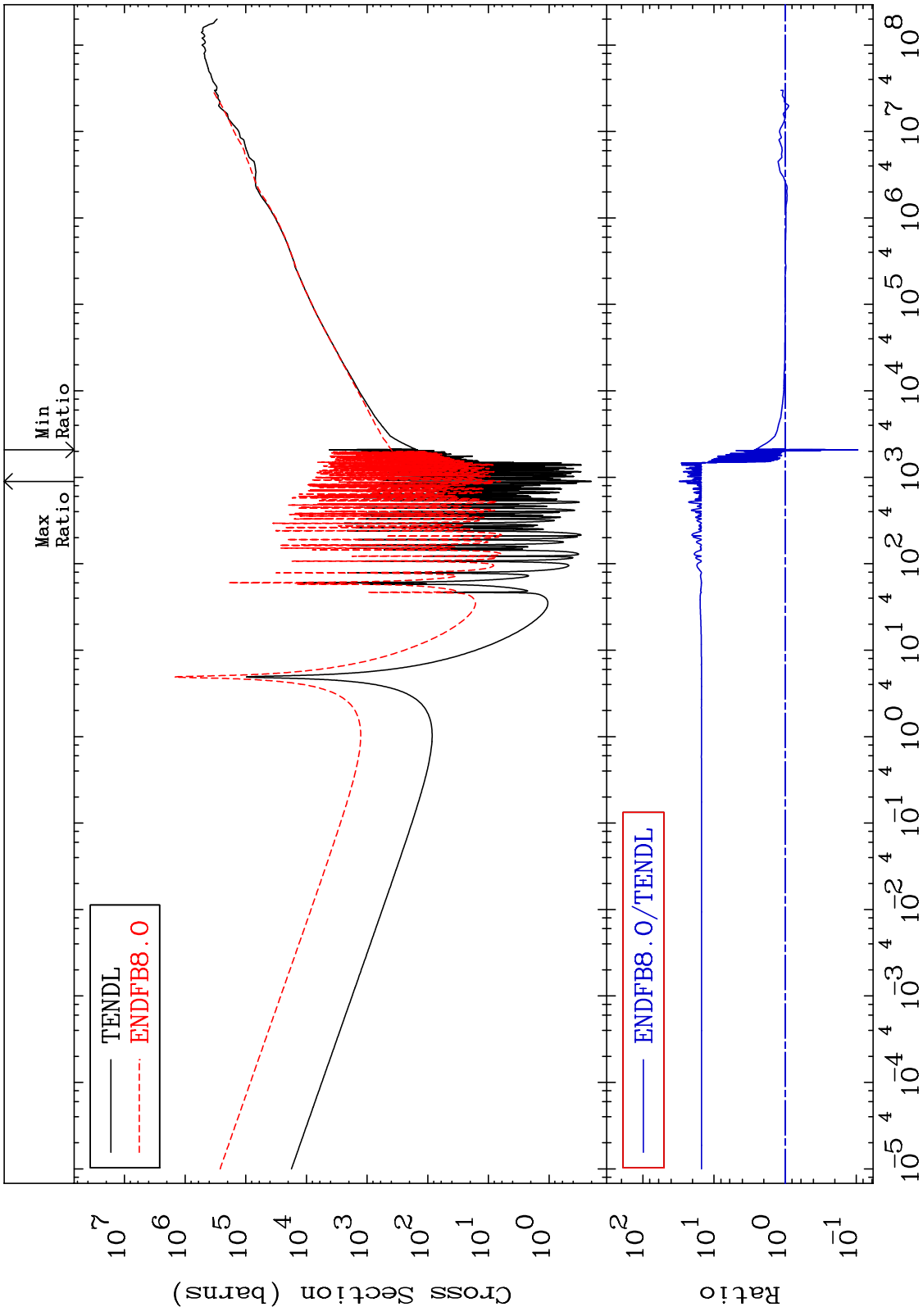
79-Au-197  
-93.00 To 7336. %



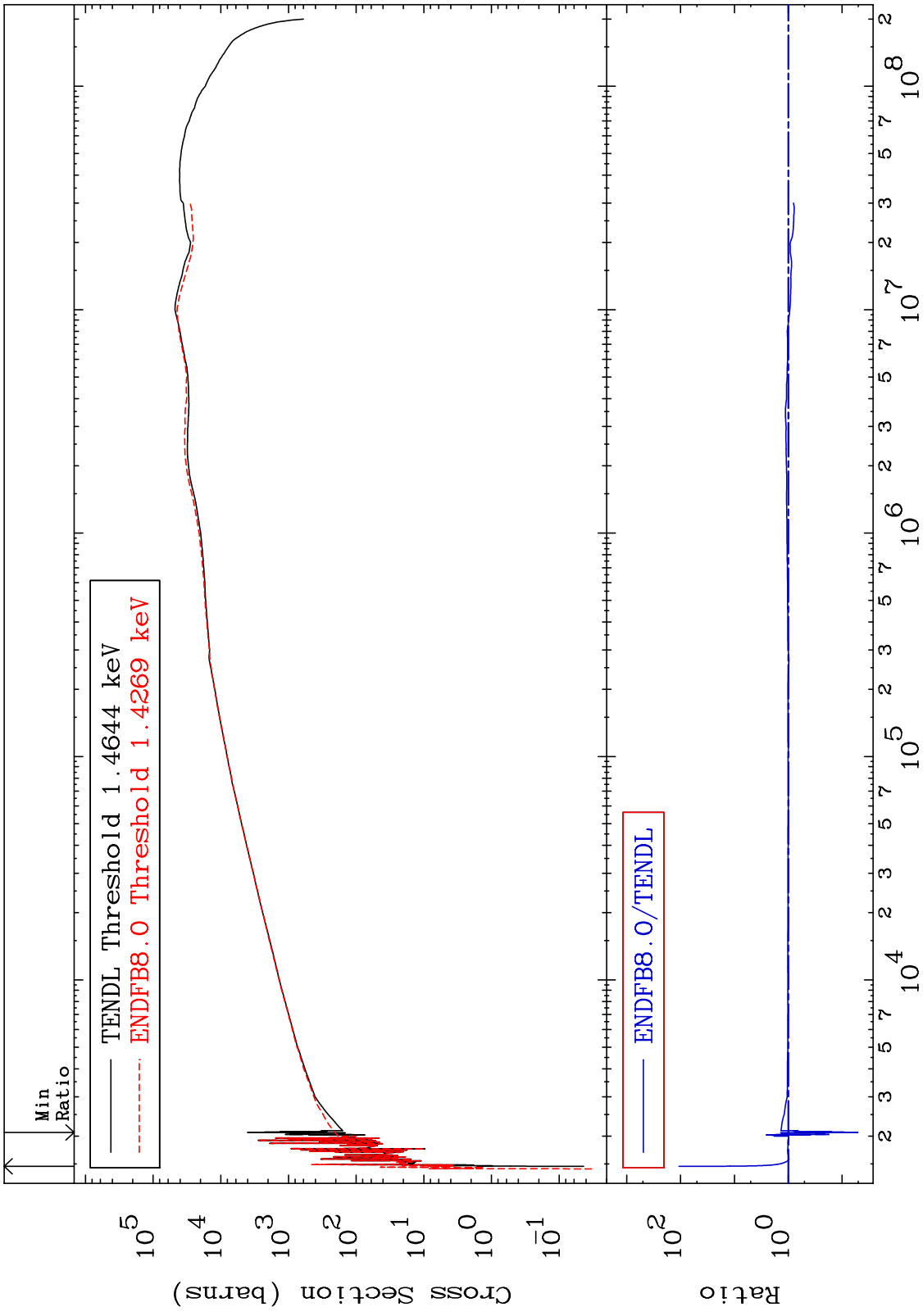
MAT 7925      Total kinematic kerma (high limit)      79-Au-197  
 -91.80 To 649.7 %  
 Cross Section



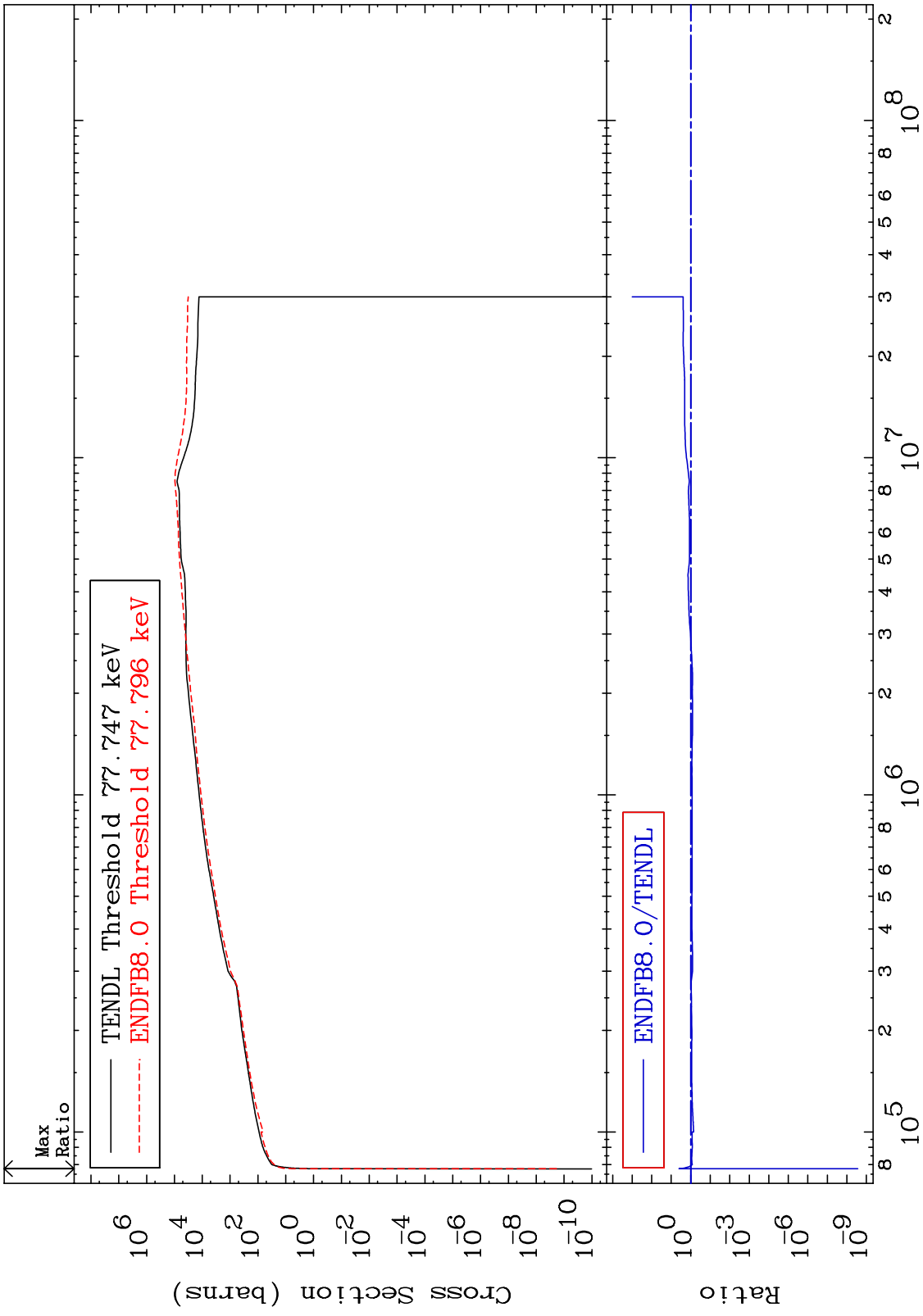
MAT 7925      Dpa total (eV-barns)      79-Au-197  
 Cross Section      -90.50 To 3003. %



MAT 7925 Dpa elastic (mt2) 79-Au-197  
Cross Section -94.93 To 9999. %



MAT 7925      Dpa inelastic (mt51-91)      79-Au-197  
 Cross Section      -100.0 To 296.9 %



MAT 7925

Dpa disappearance (mt102 -120)  
Cross Section

79-Au-197  
-66.53 To 9999. %

