

Program Complot  
(Version 2018-1)

by

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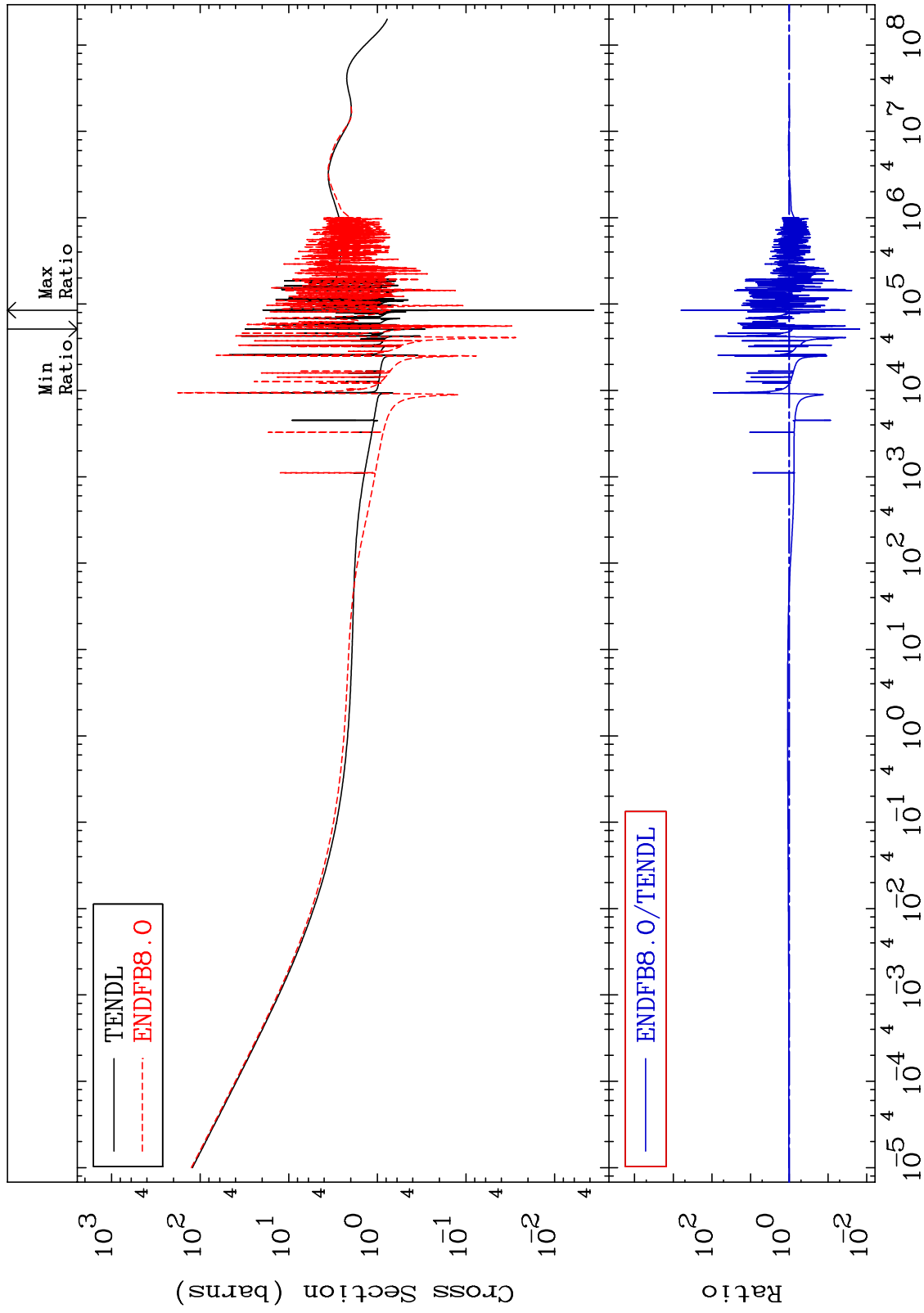
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 1925

Total  
Cross Section

19-K -39  
-98.49 To 9999. %



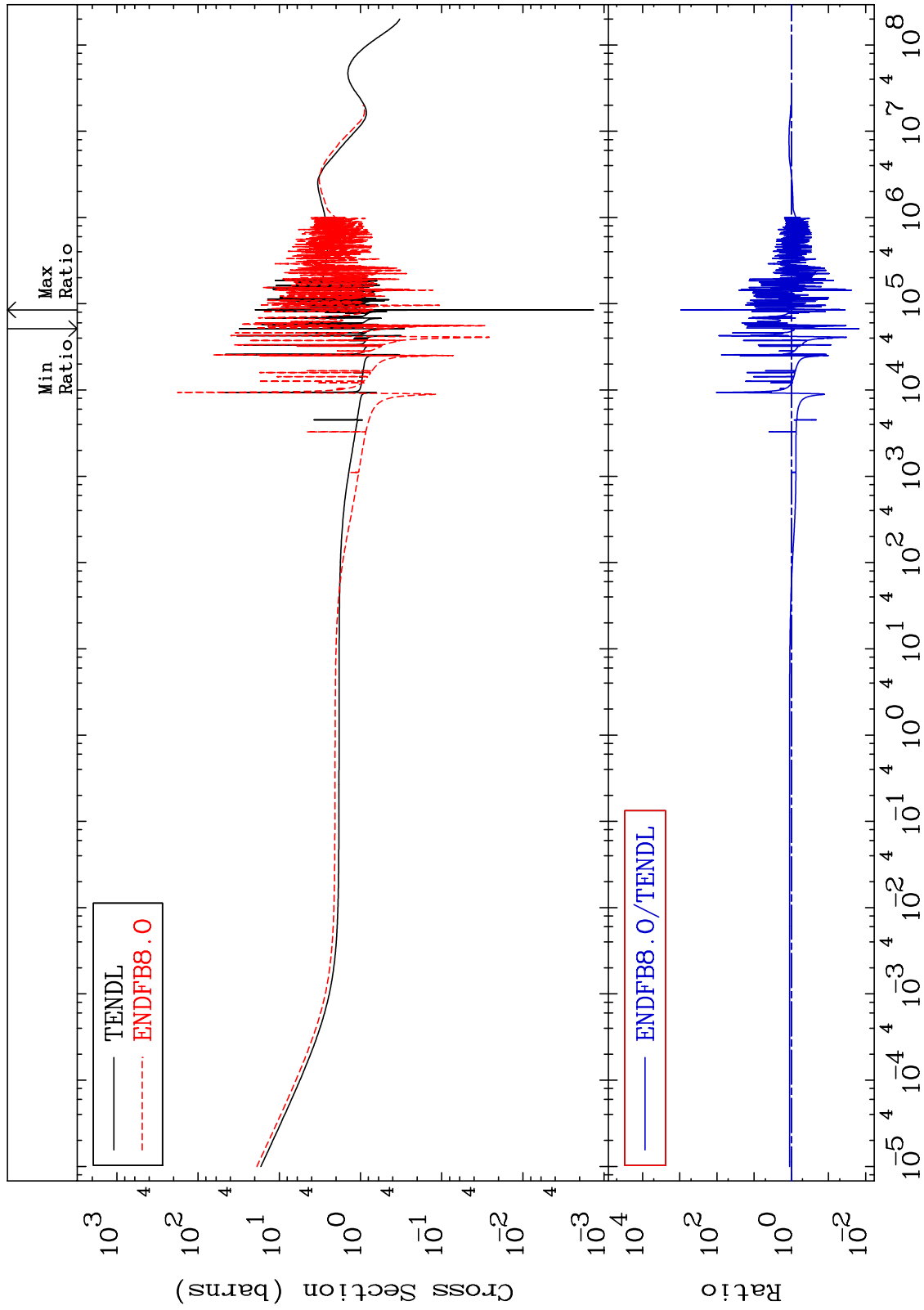
Incident Energy (eV)

19-K -39

MAT 1925

Elastic  
Cross Section

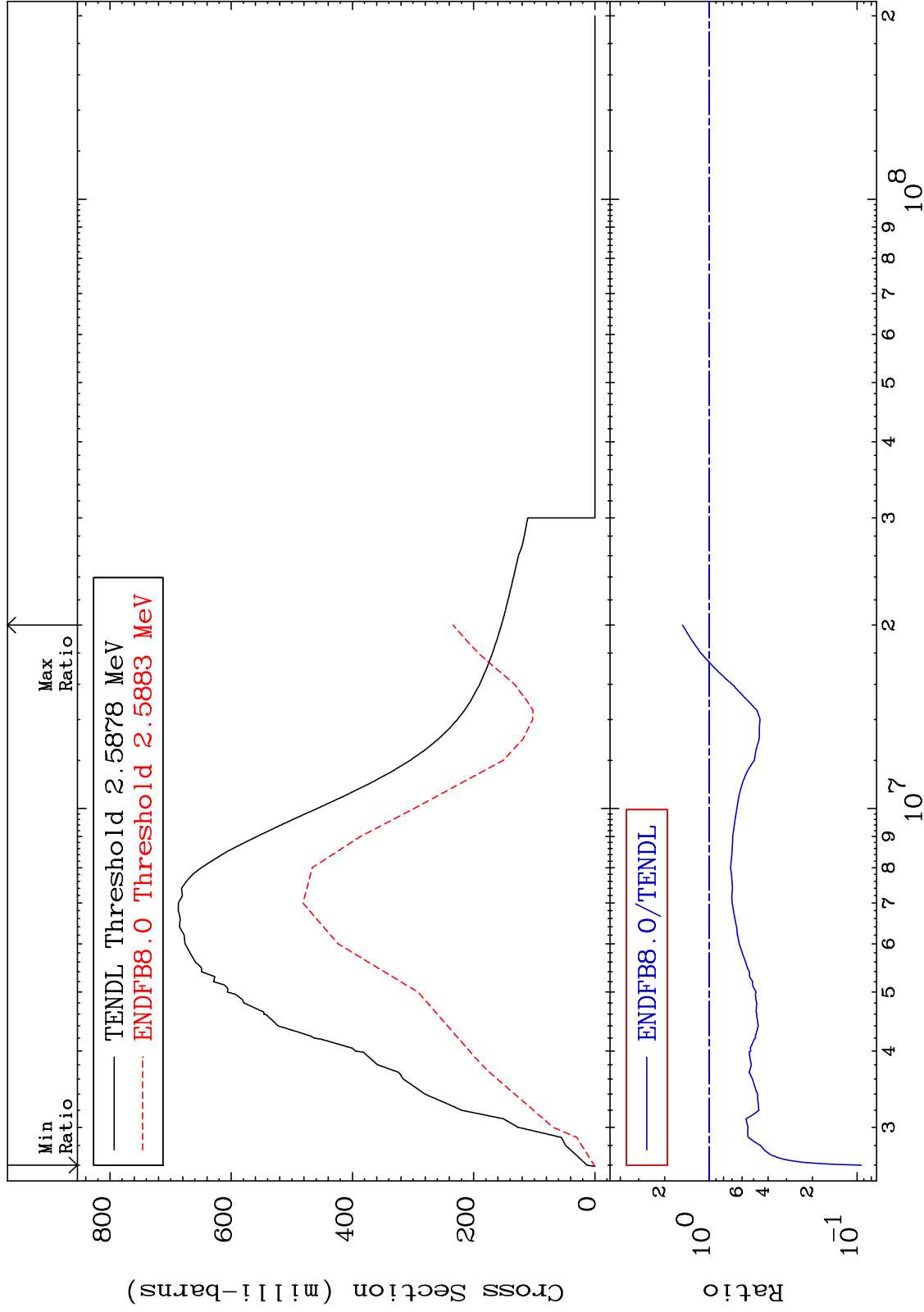
19-K -39  
-98.49 To 9999. %



MAT 1925

Inelastic  
Cross Section

19-K -39  
-90.64 To 51.73 %

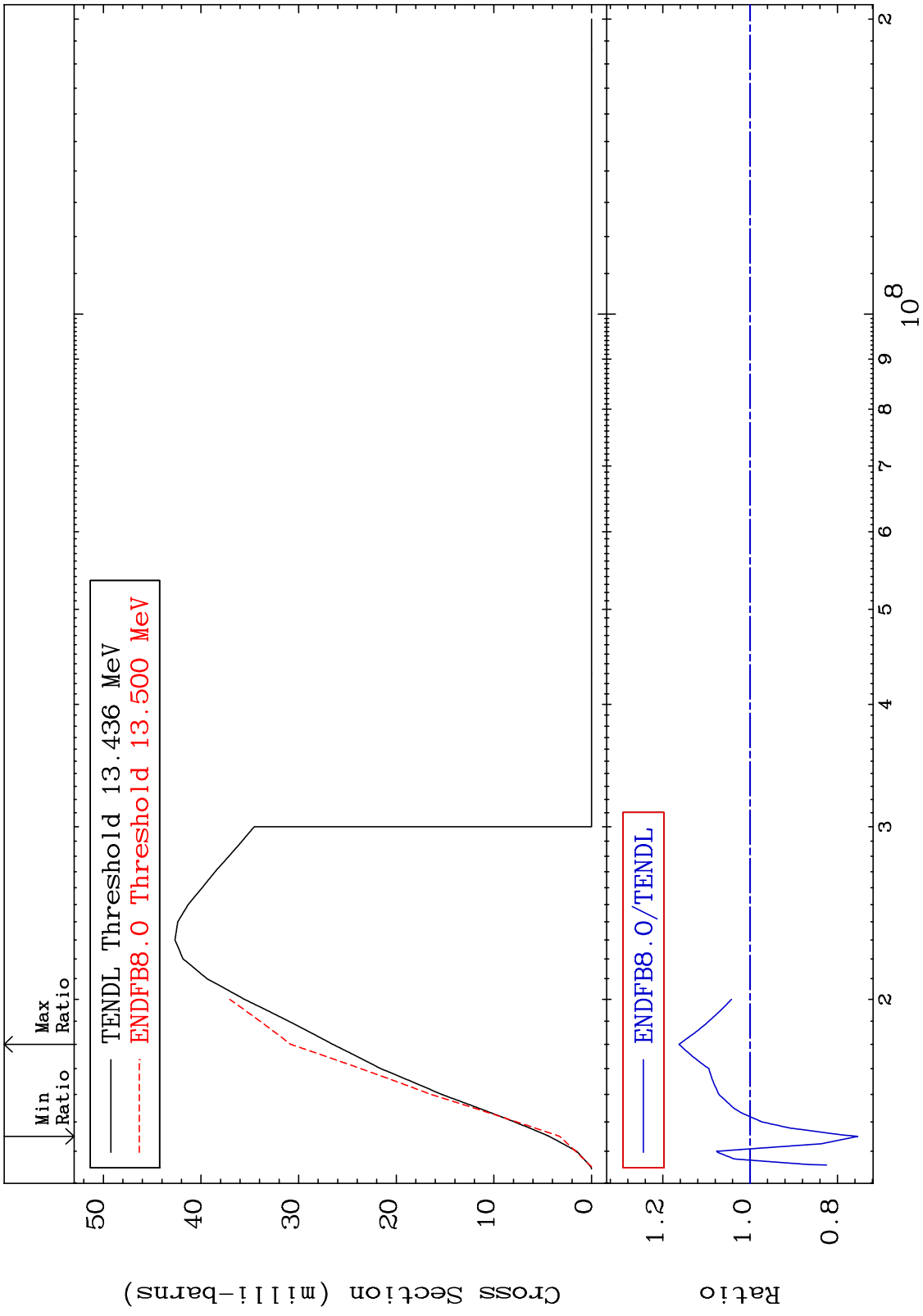


3

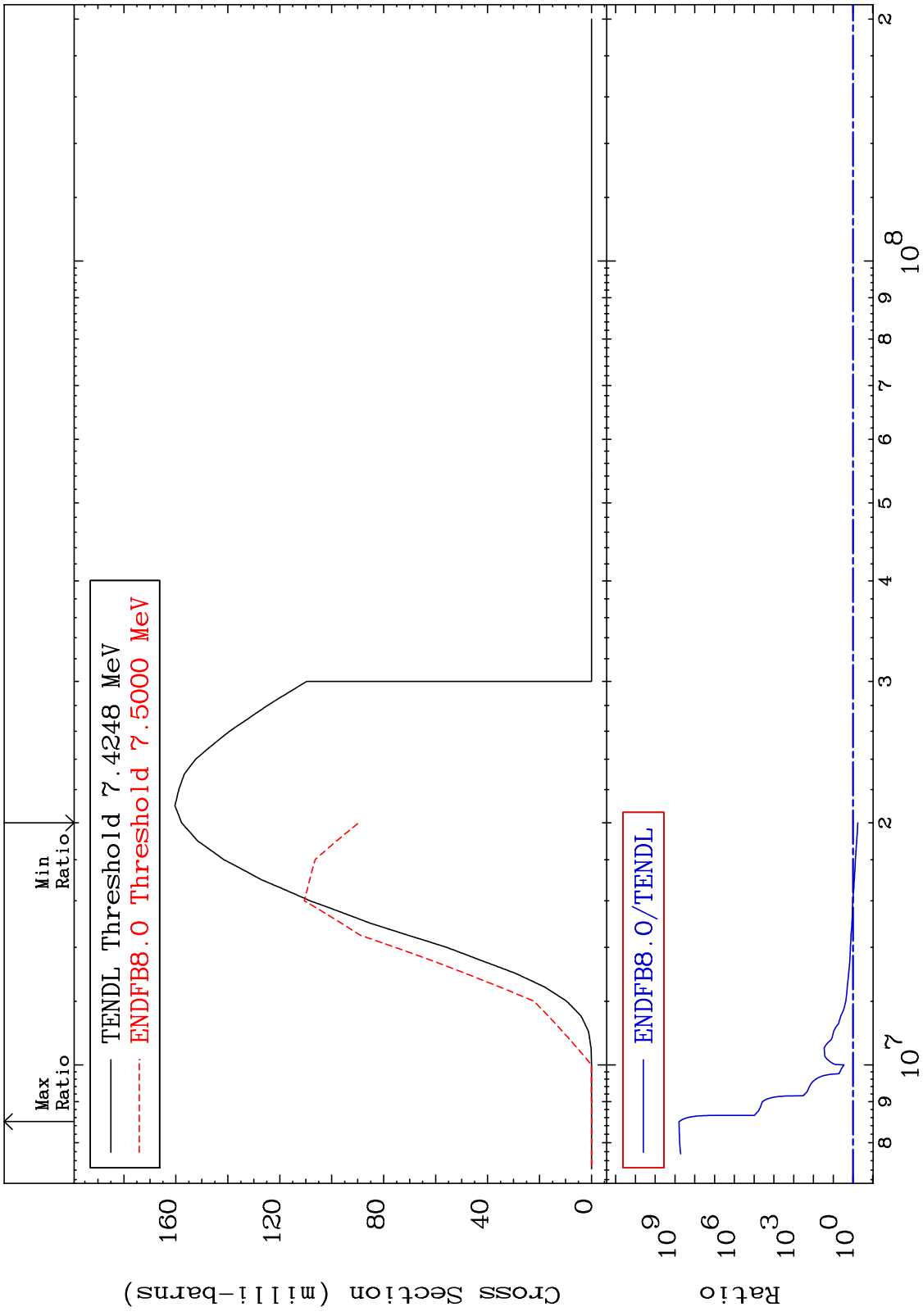
Incident Energy (eV)

19-K -39

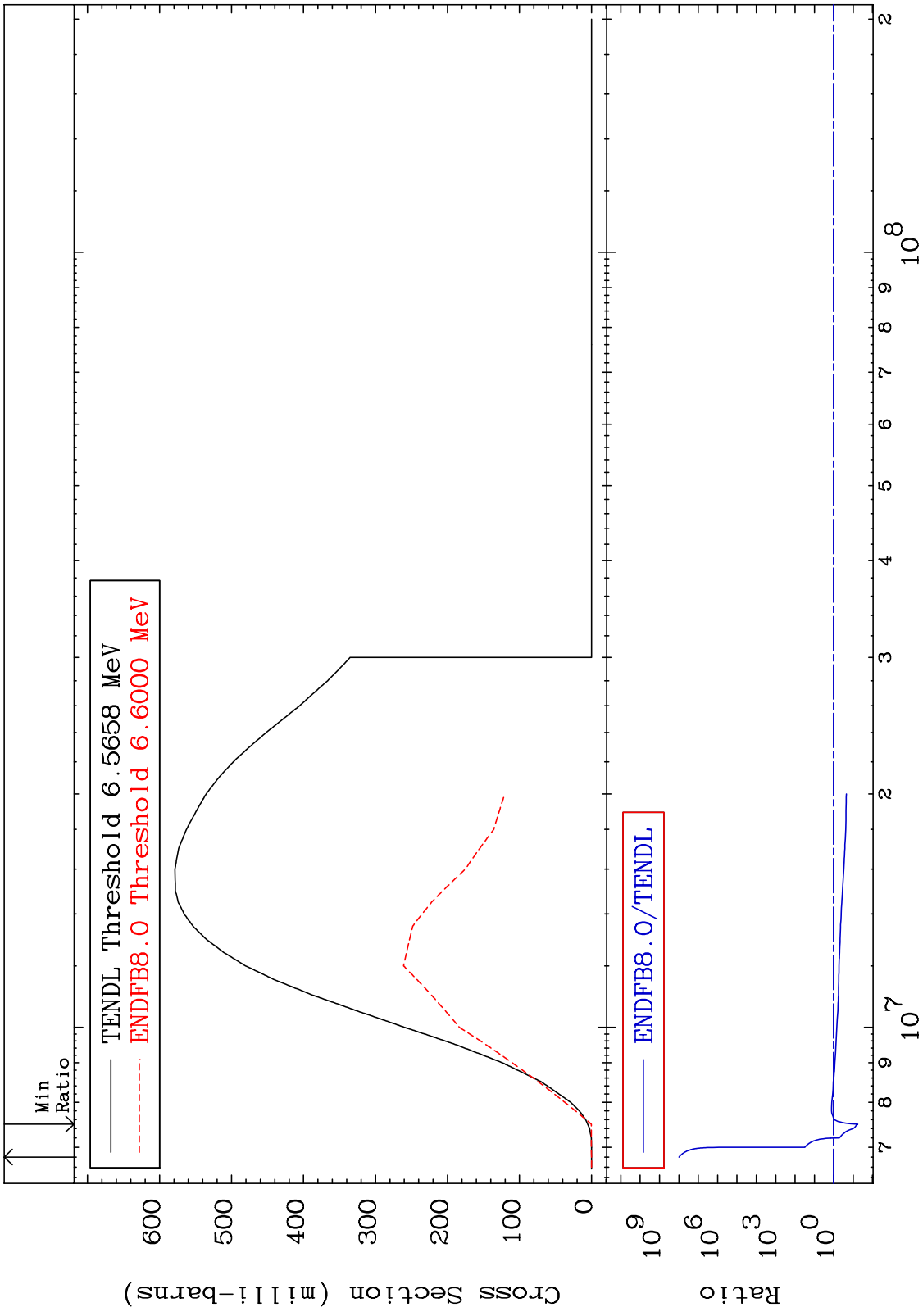
MAT 1925 (n,2n) Cross Section 19-K -39  
 -24.68 To 16.28 %



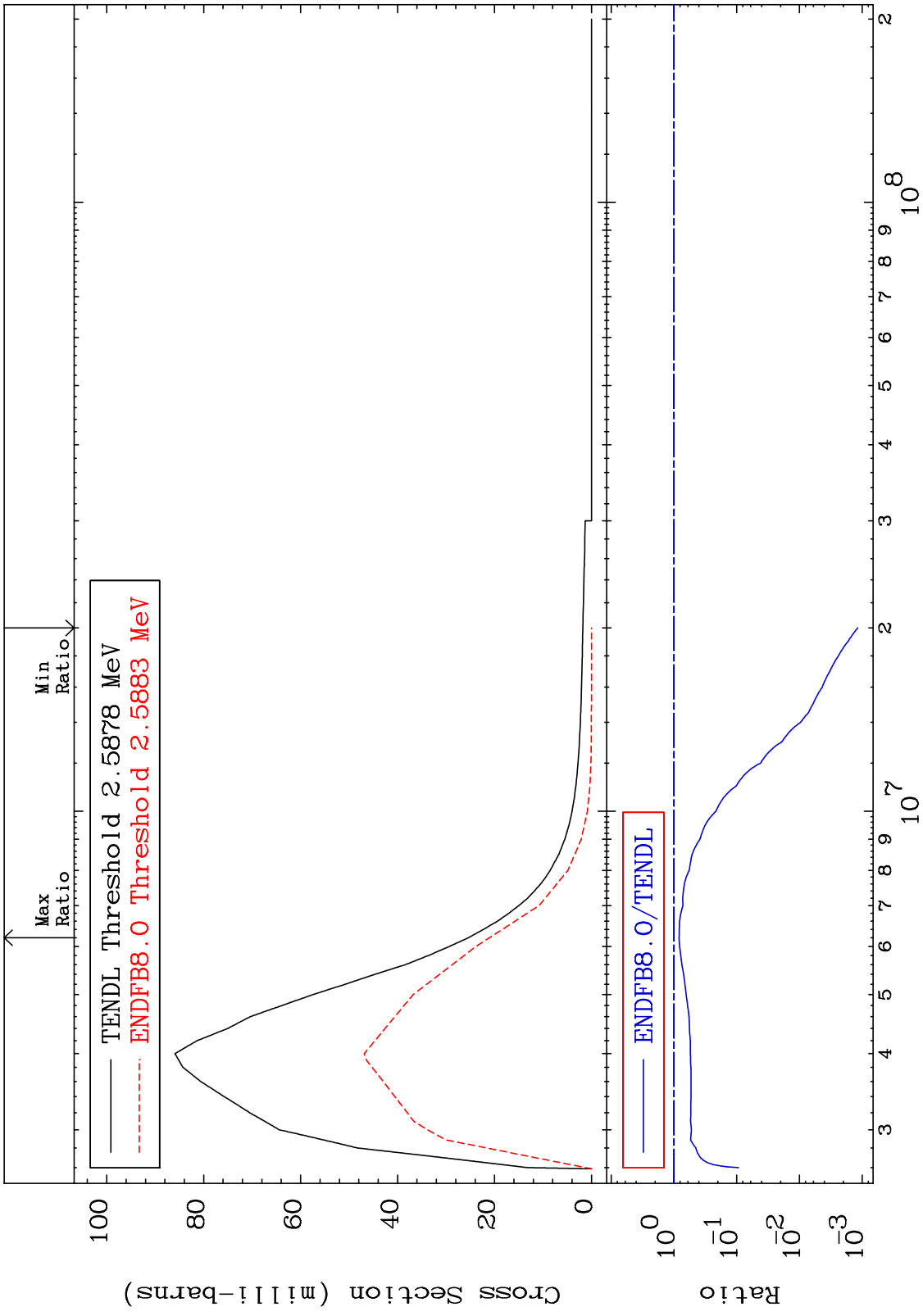
MAT 1925 (n,n')  $\alpha$  19-K -39  
 Cross Section -43.19 To 9999. %



5 19-K -39



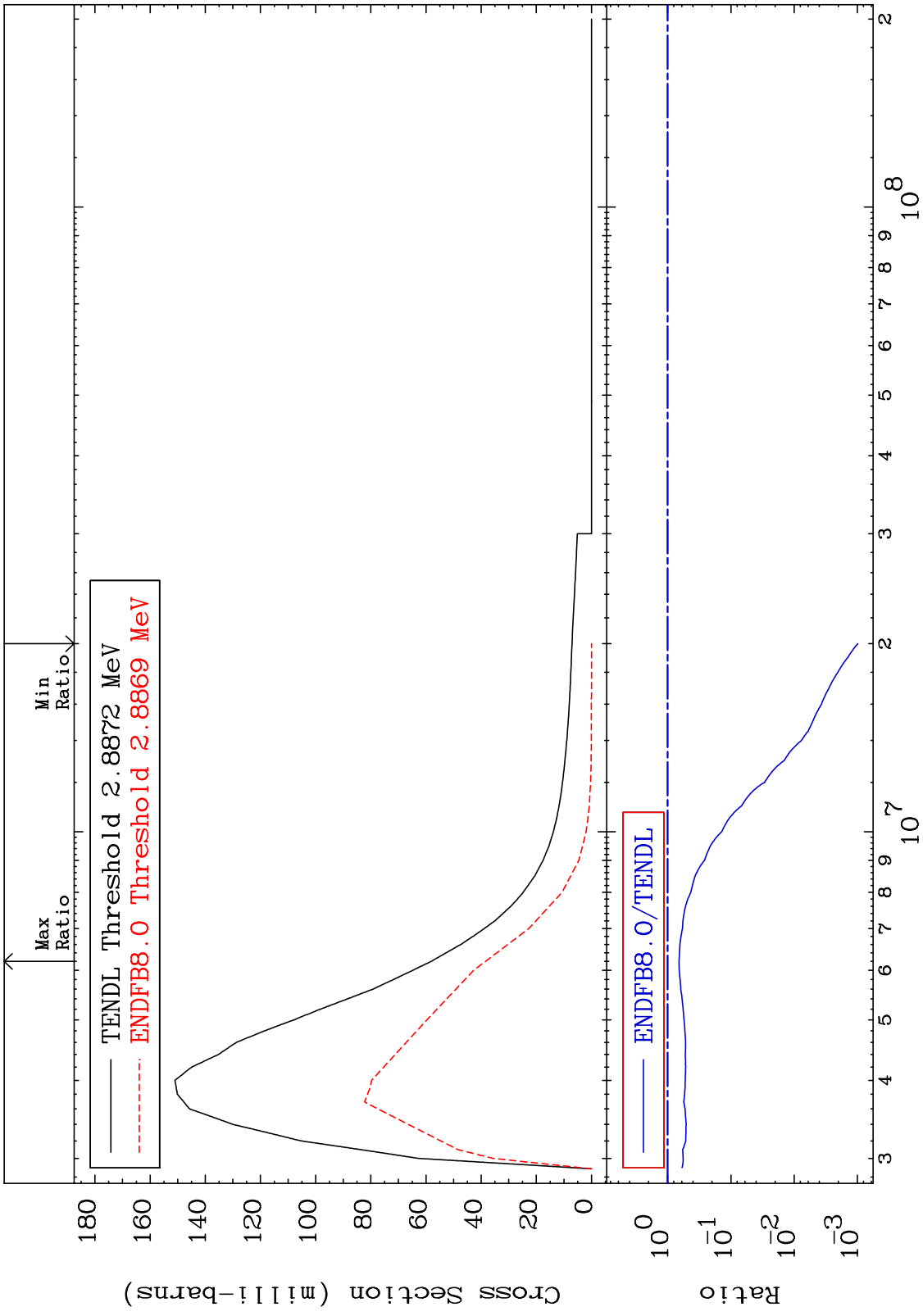
MAT 1925 MT= 51 (n,n') Level Cross Section 19-K -39  
 -99.88 To -17.07%



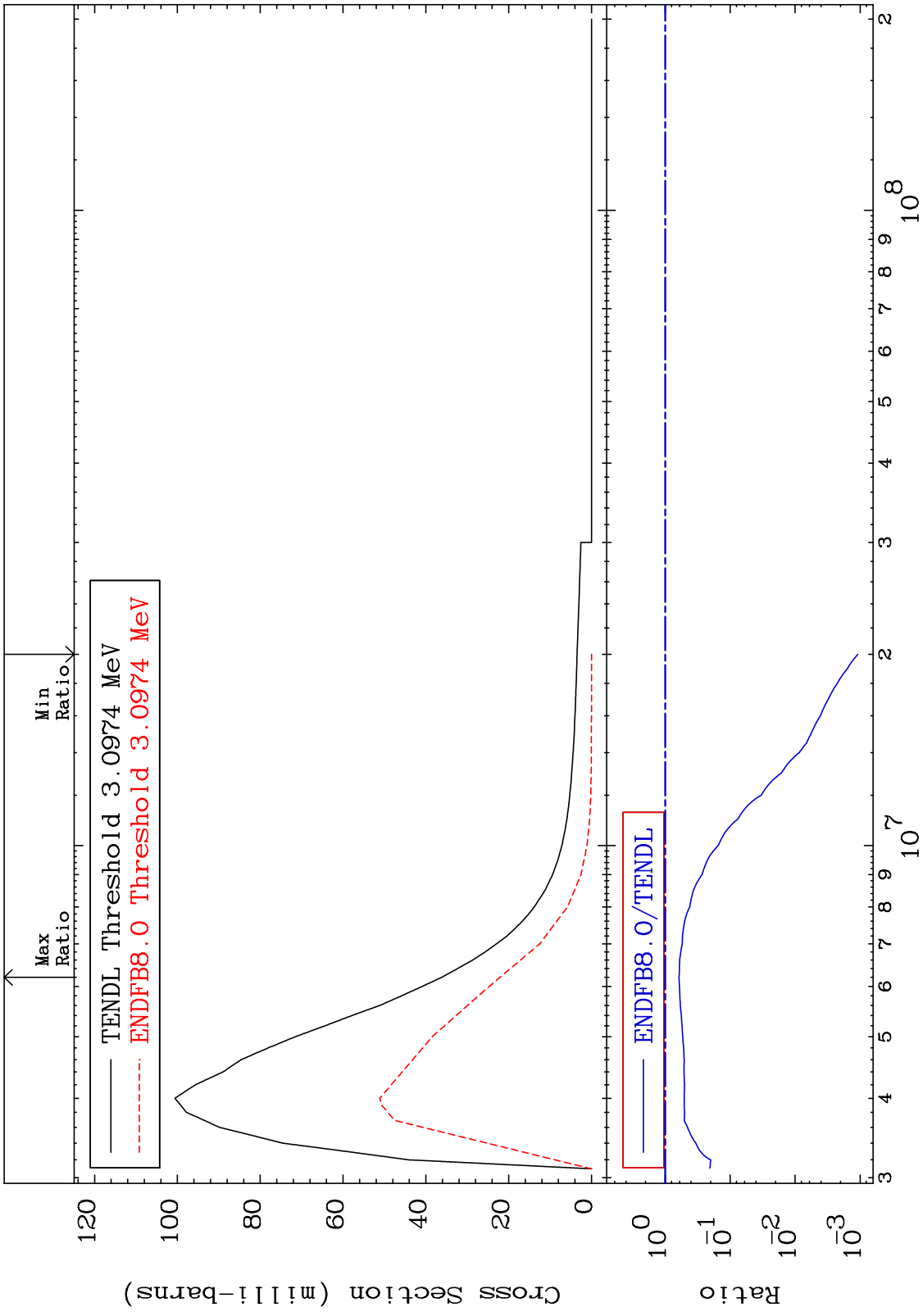
7 Incident Energy (eV) 19-K -39



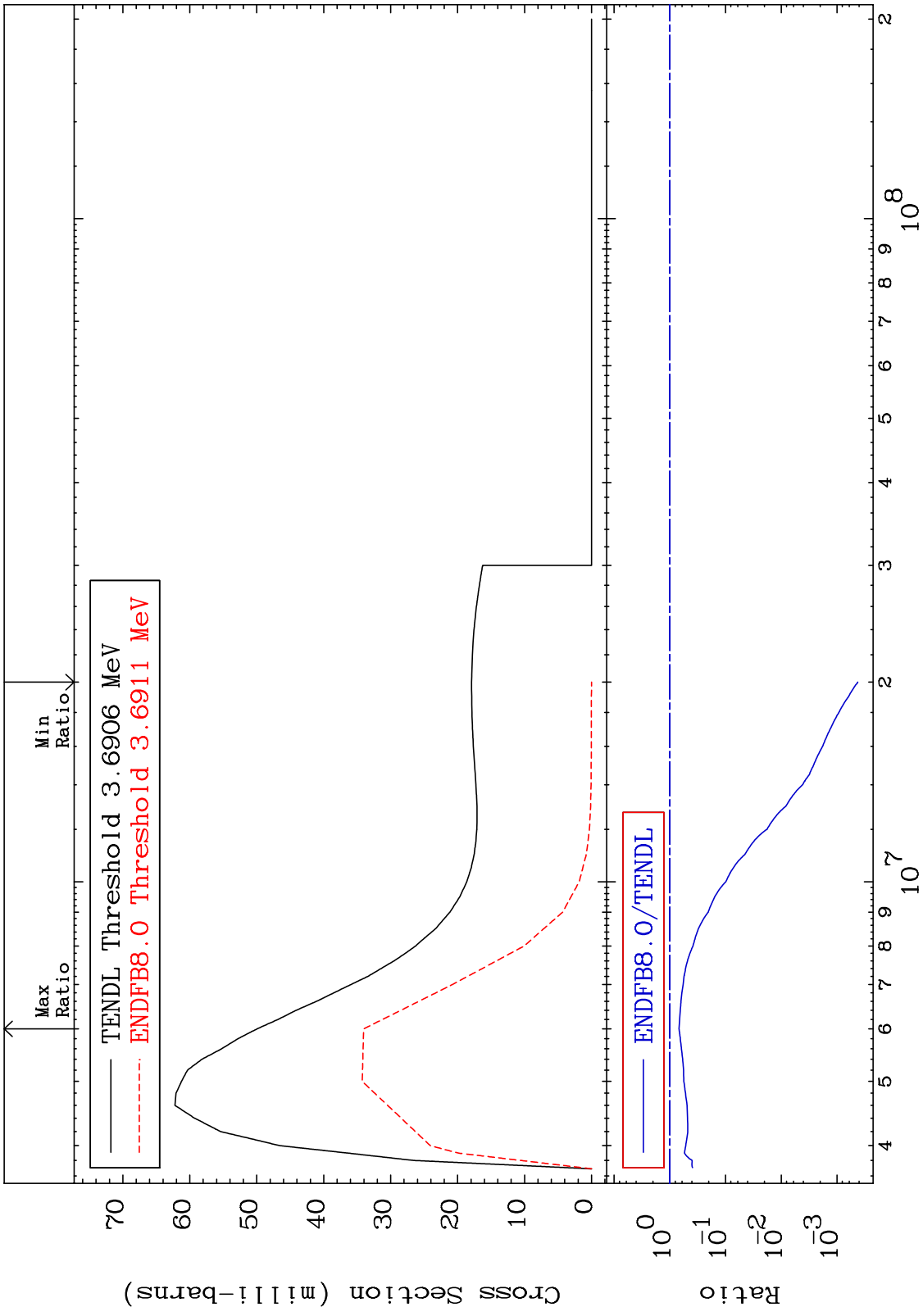
MAT 1925 MT= 52 (n,n') Level Cross Section 19-K -39  
 -99.90 To -33.85%

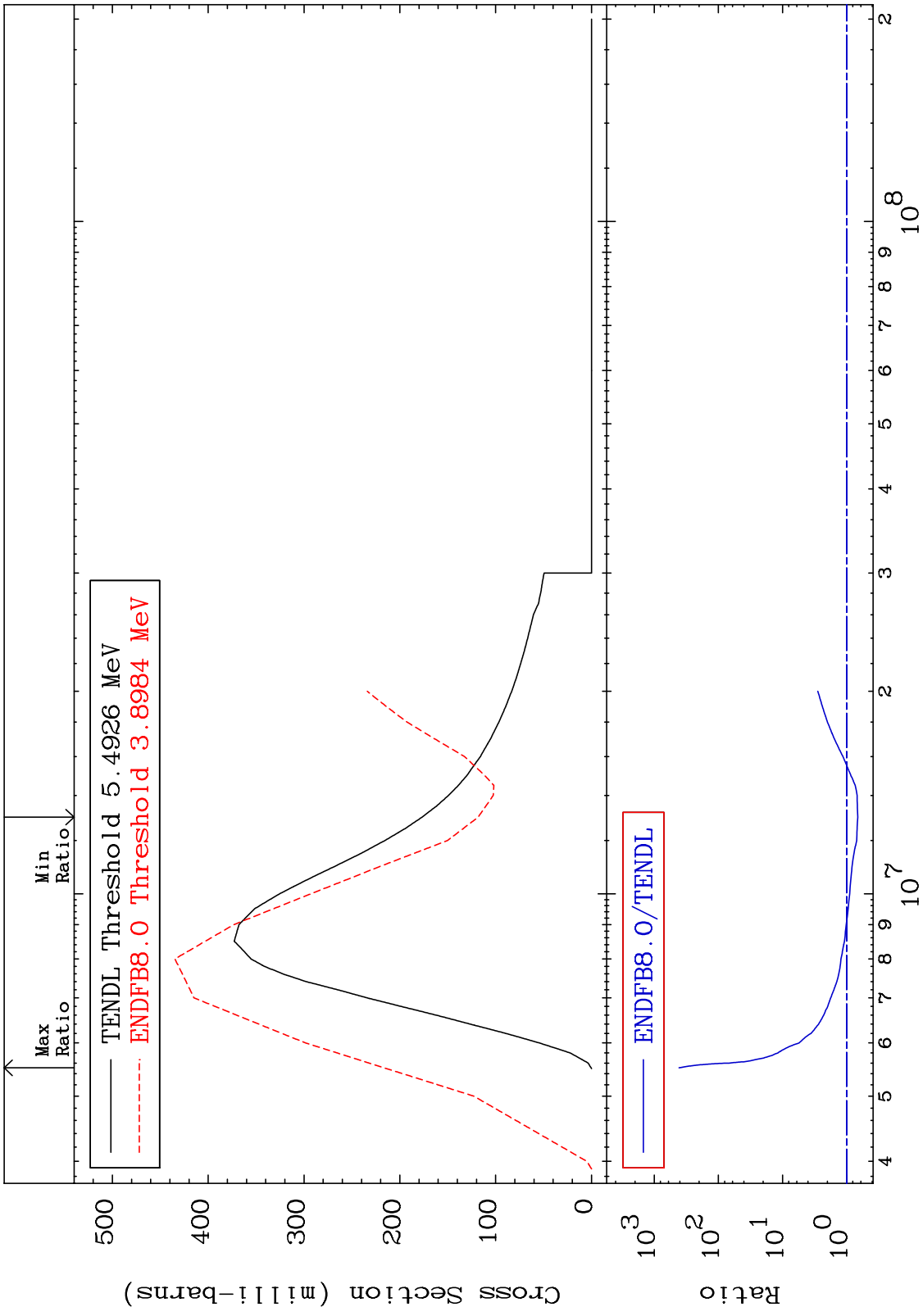


MAT 1925 MT= 53 (n,n') Level Cross Section 19-K -39  
 -99.89 To -38.82%



MAT 1925 MT= 54 (n,n') Level Cross Section 19-K -39  
 -99.96 To -31.88%





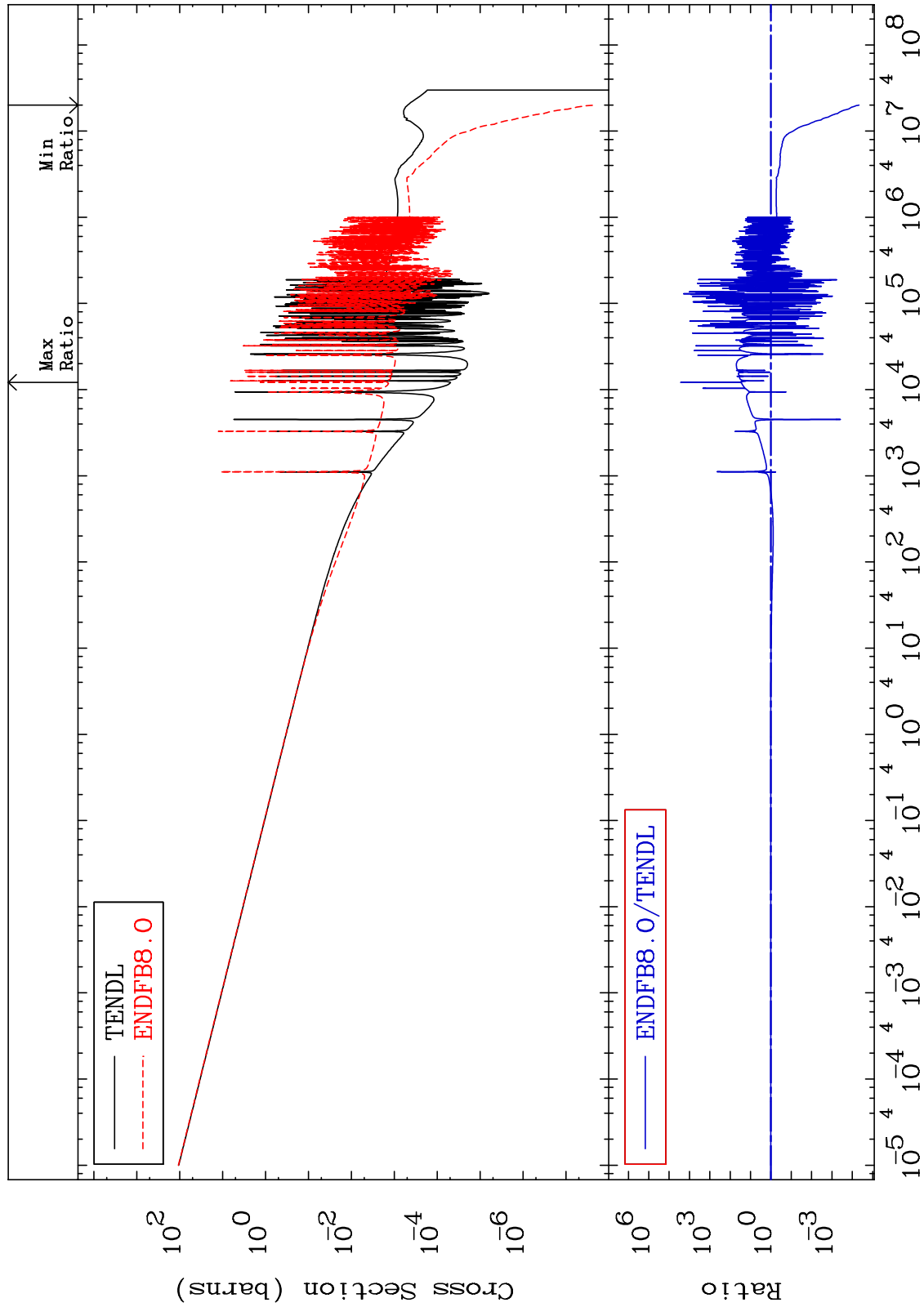
MAT 1925

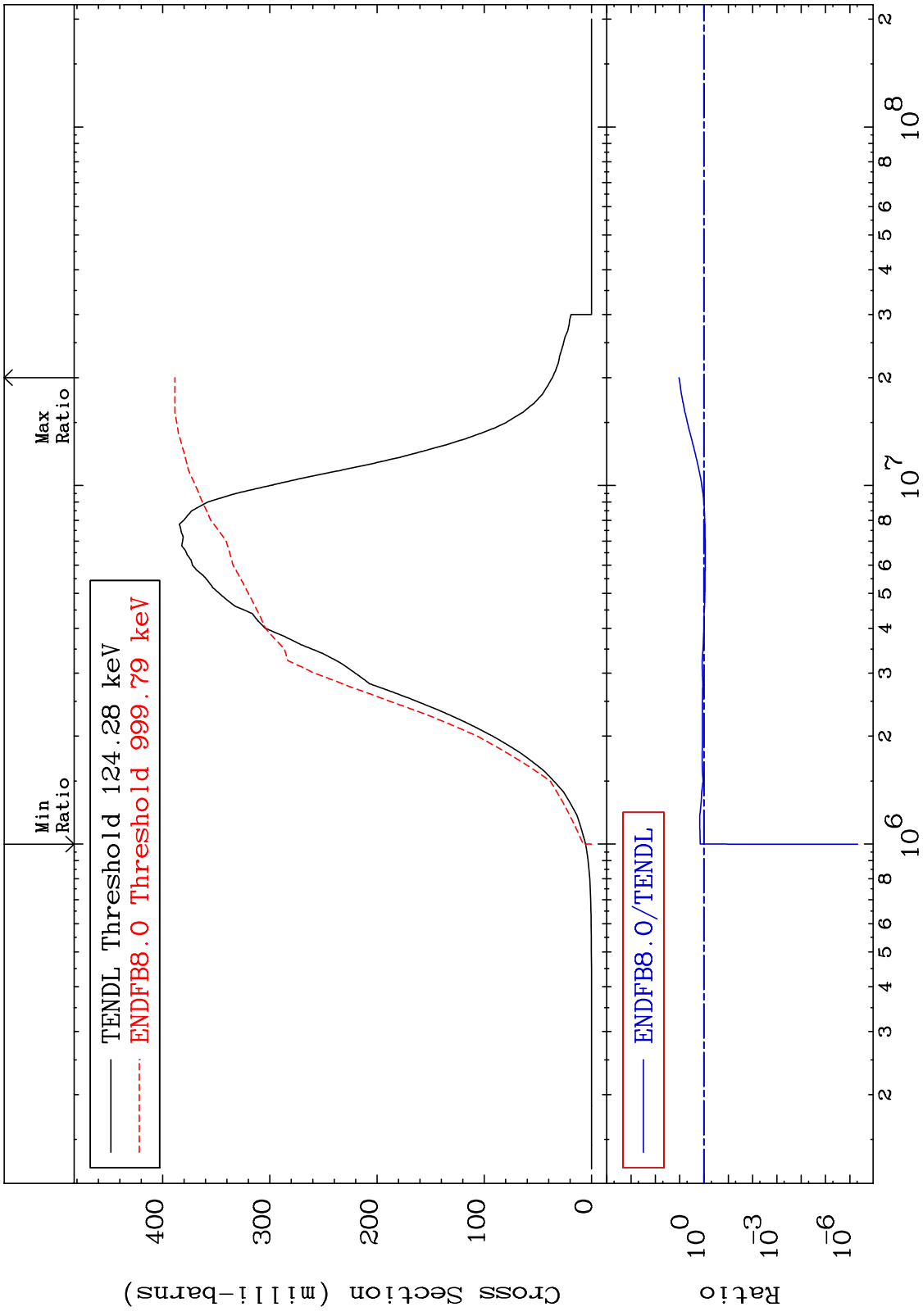
(n,  $\gamma$ )

19-K -39

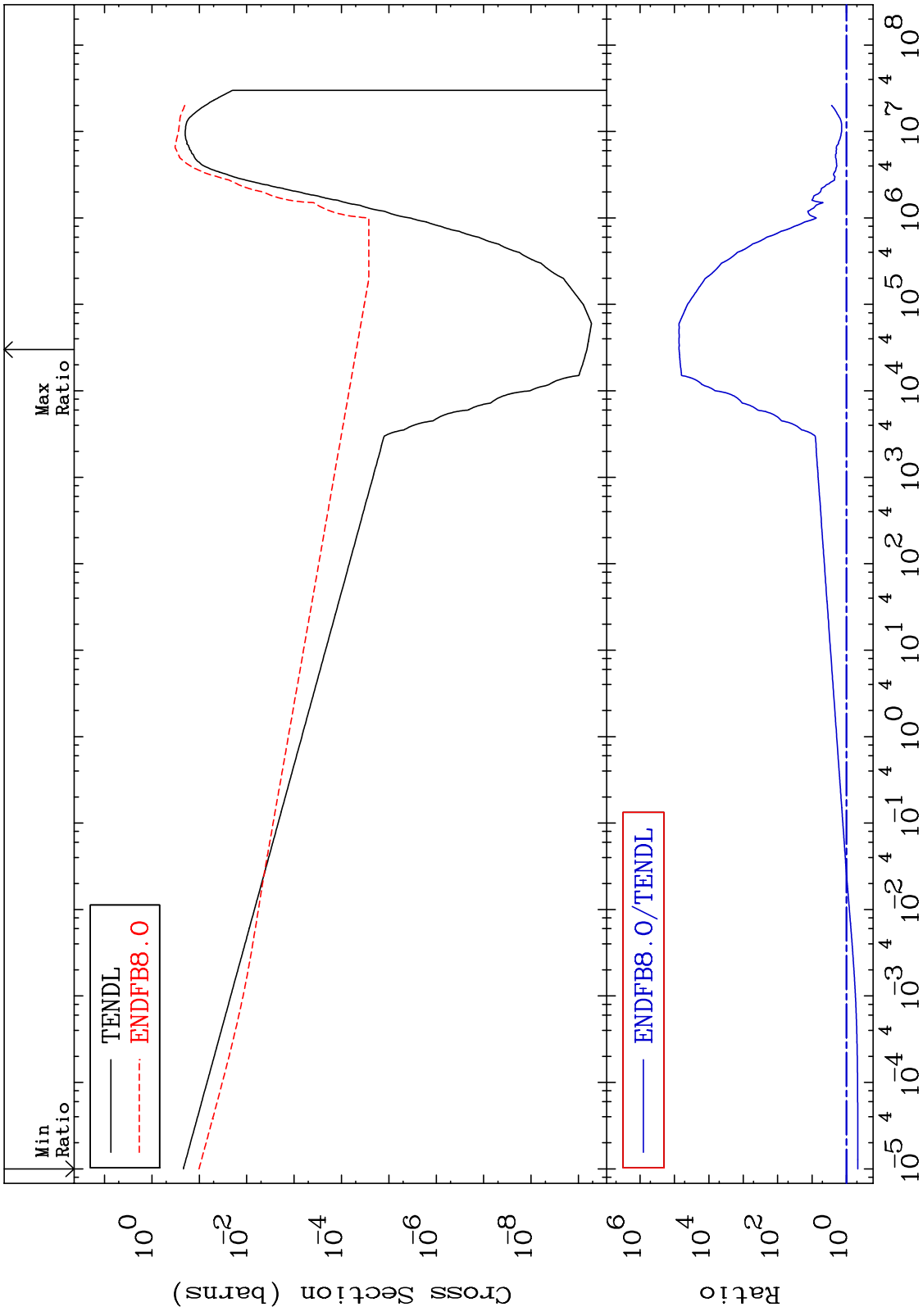
Cross Section

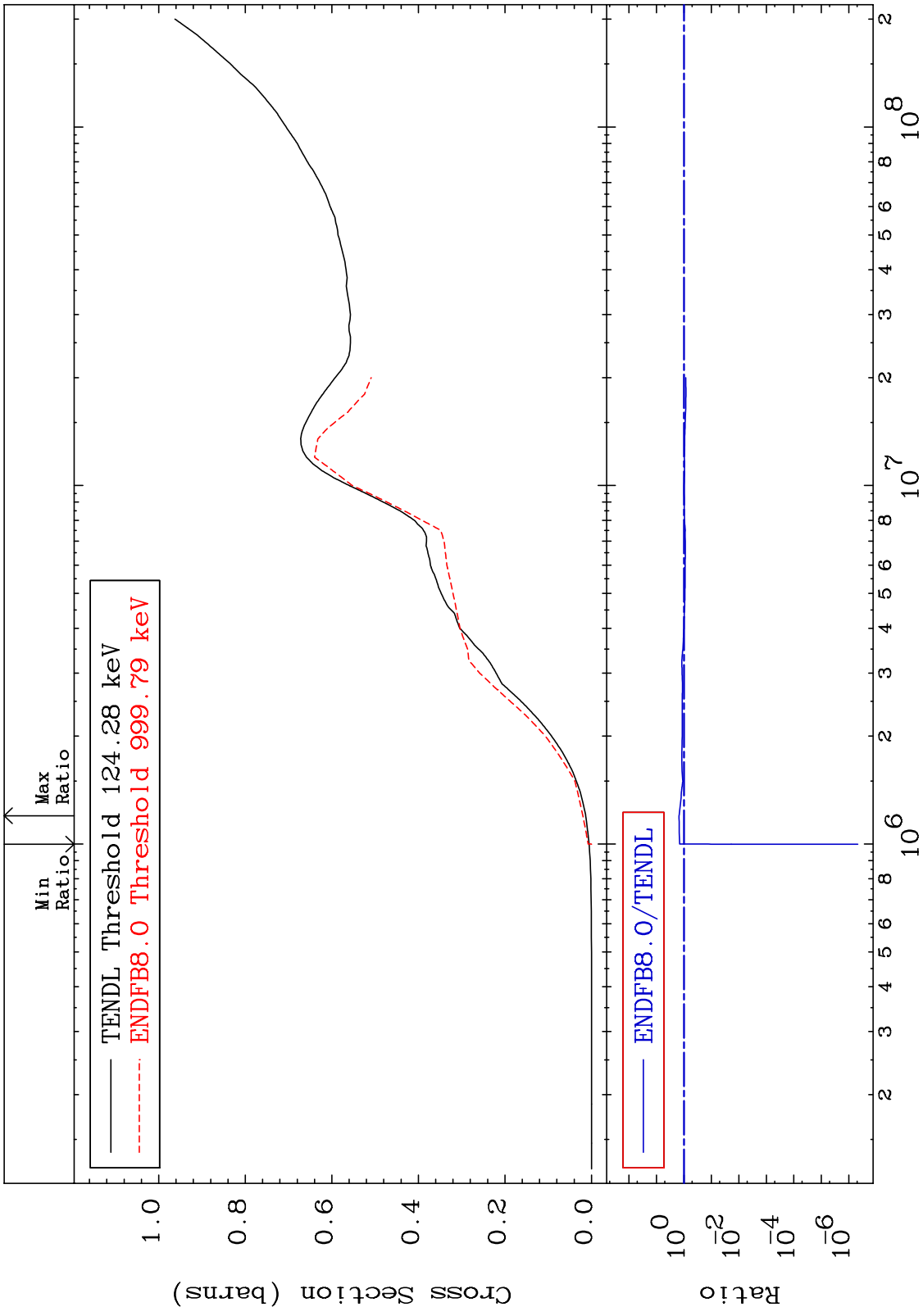
-100.0 To 9999. %





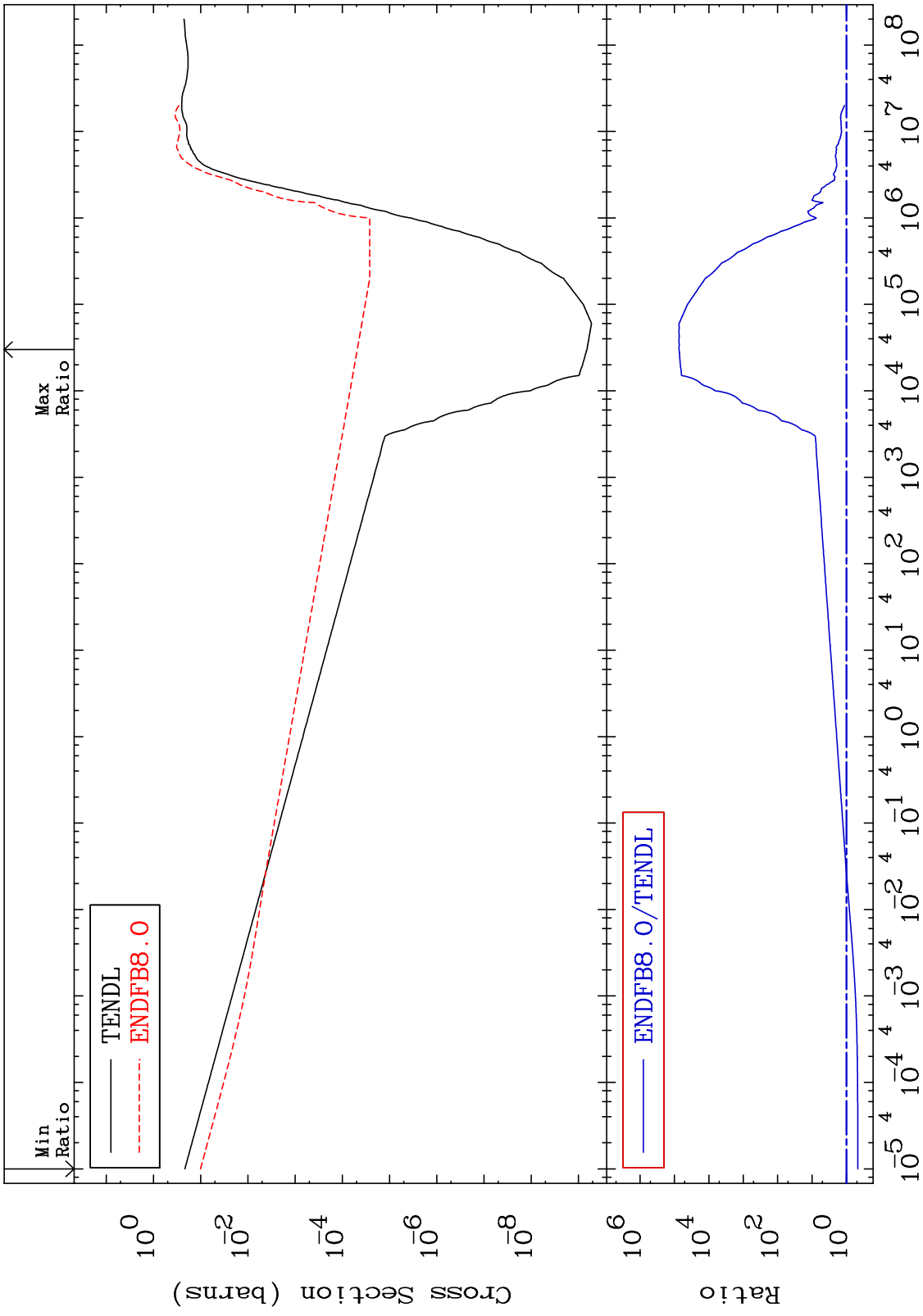
MAT 1925 (n,α) Cross Section 19-K -39 -53.25 To 9999. %







MAT 1925 He-4 Production Cross Section 19-K -39  
 -53.25 To 9999. %

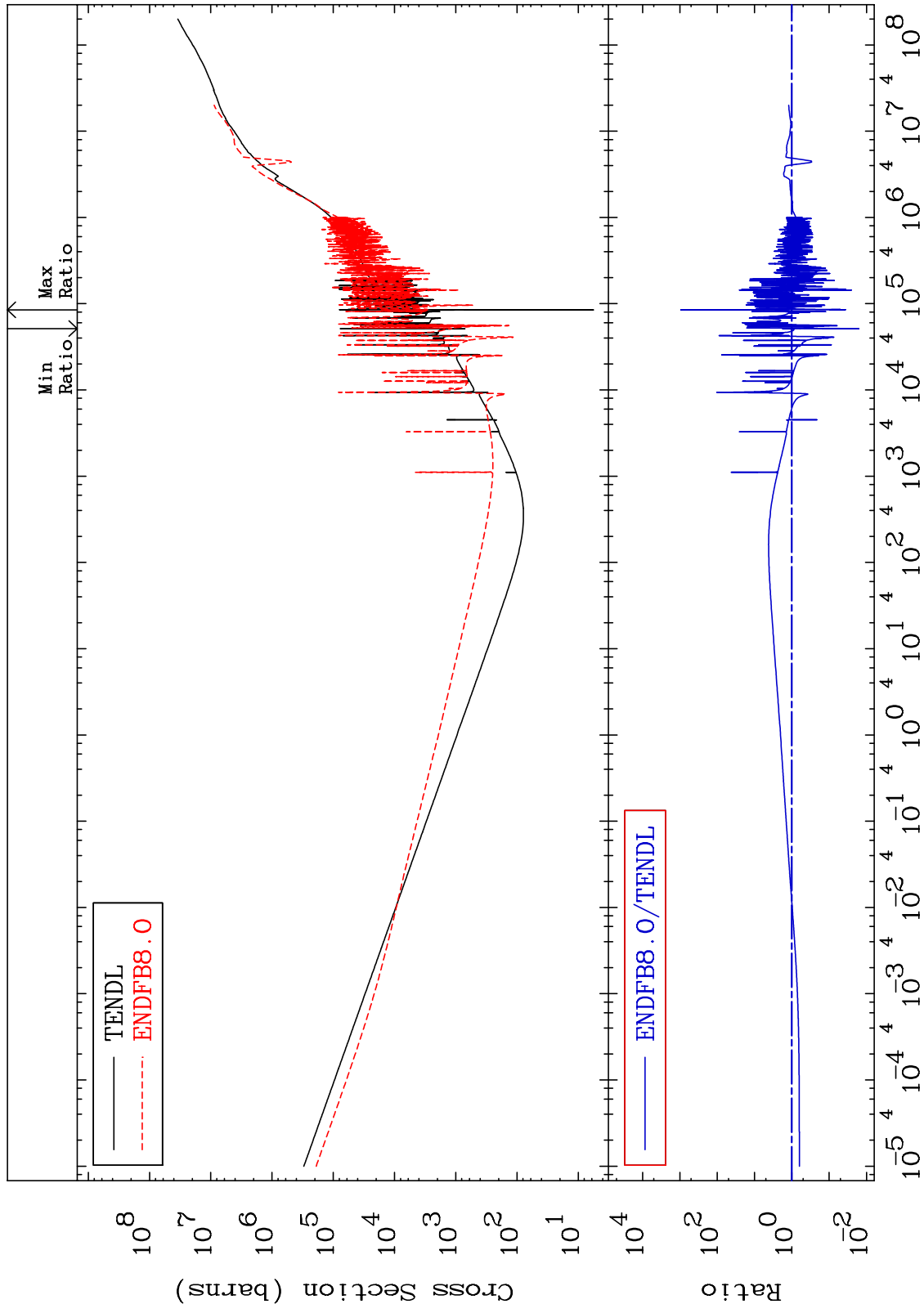


16 19-K -39

MAT 1925

Kerma total (eV-barns)  
Cross Section

19-K -39  
-98.41 To 9999. %



17

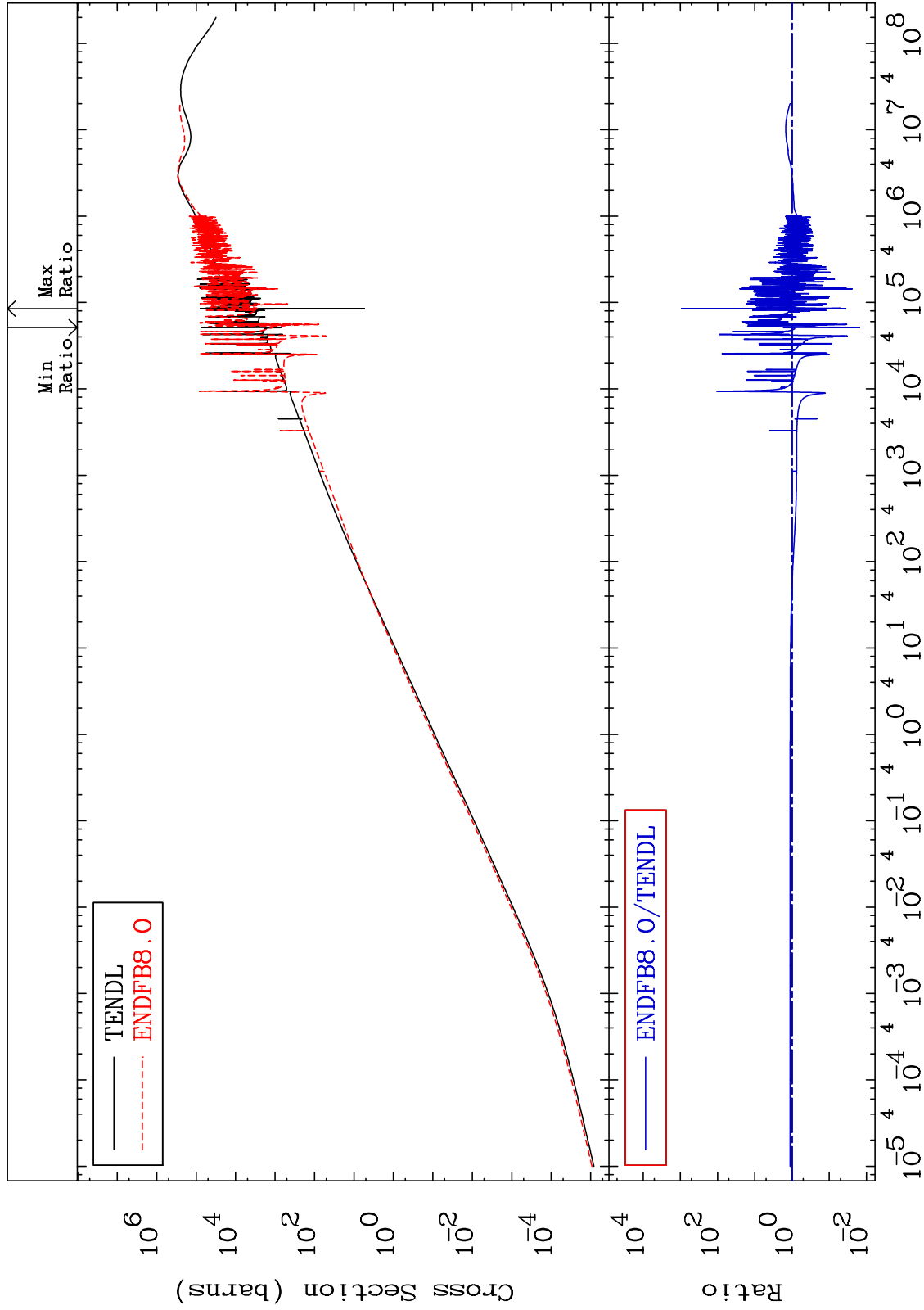
Incident Energy (eV)

19-K -39

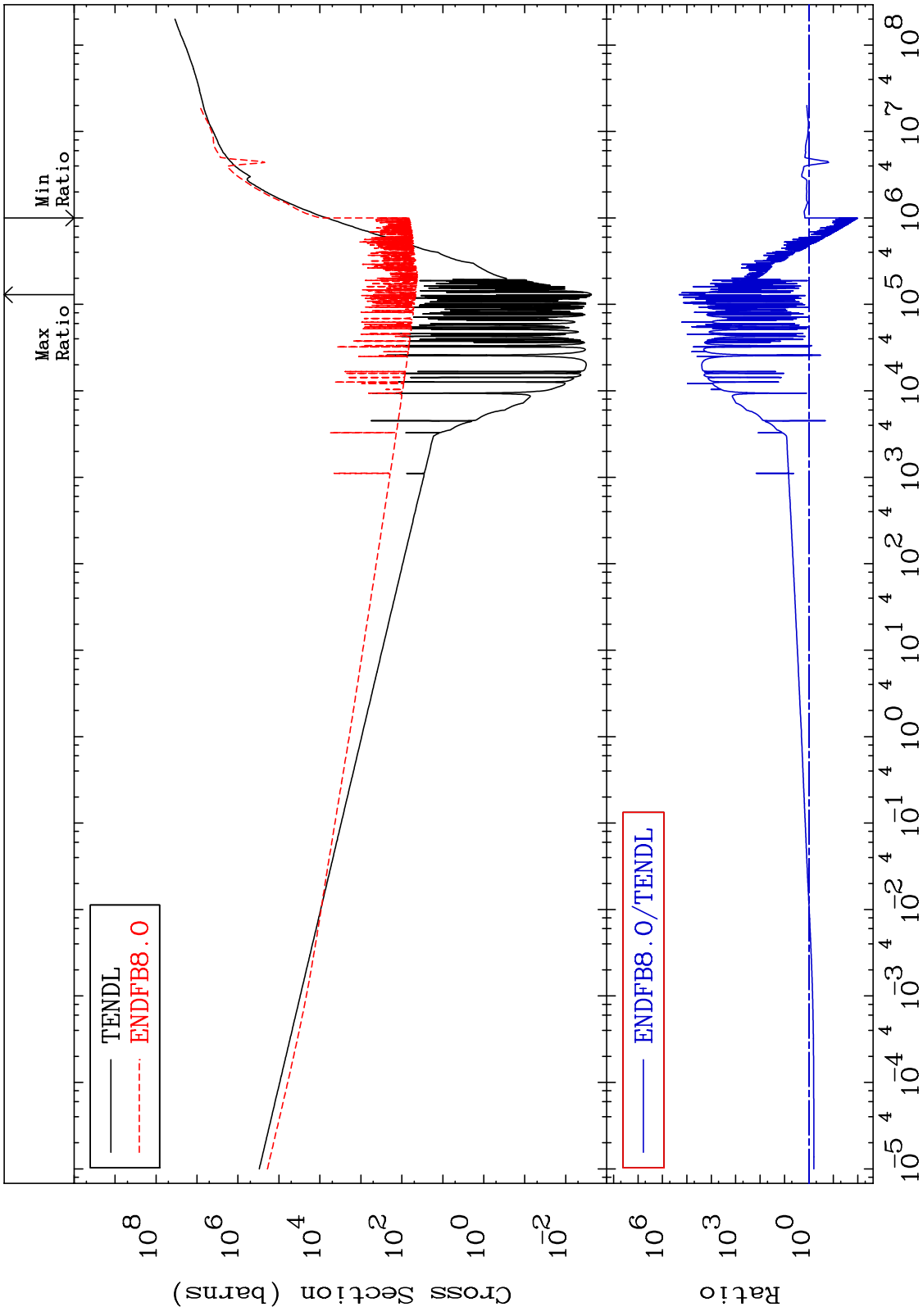
MAT 1925

Kerma elastic  
Cross Section

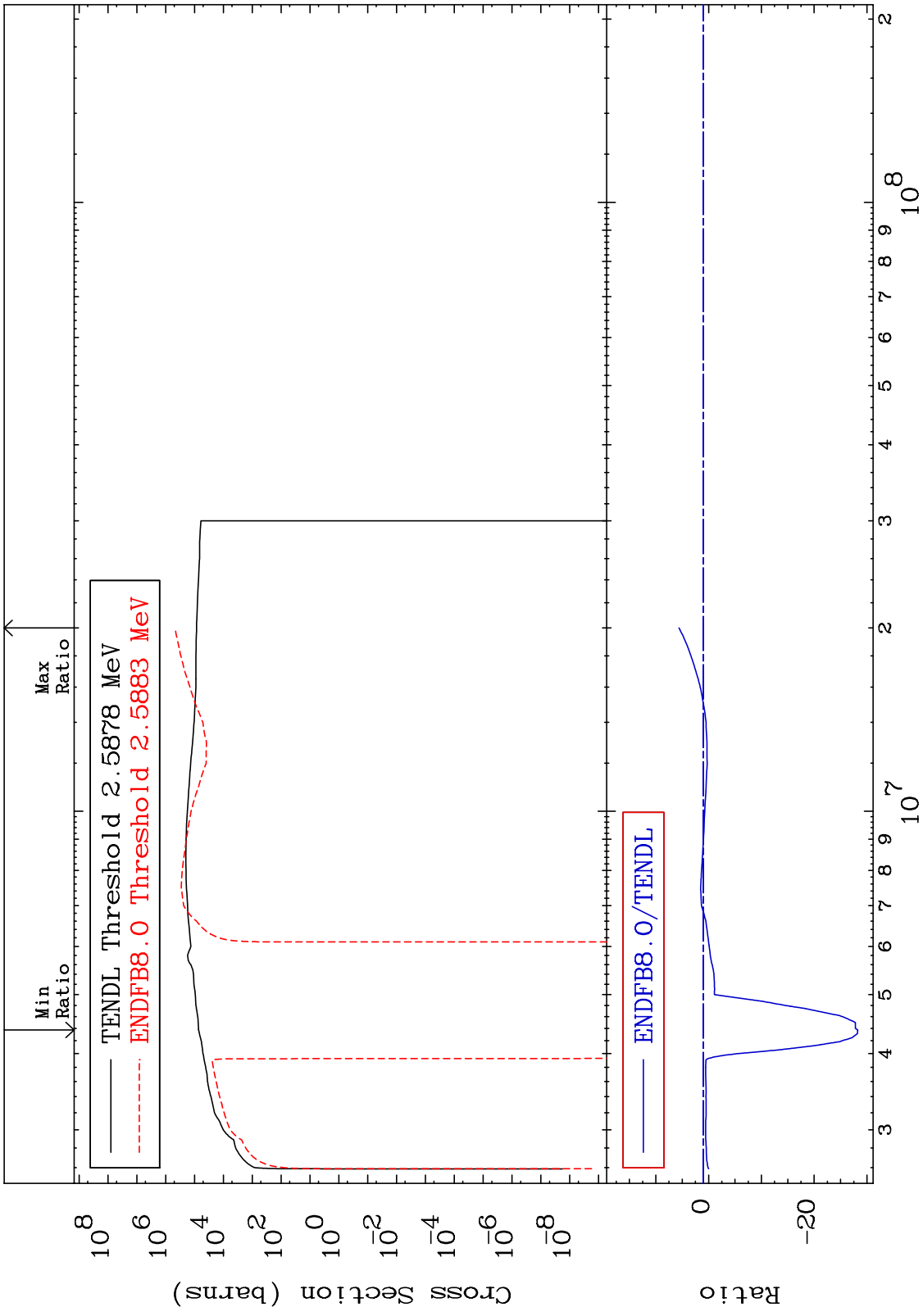
19-K -39  
-98.49 To 9999. %



MAT 1925 Kerma non-elastic (all but mt2) Cross Section 19-K -39  
 -99.01 To 9999. %



MAT 1925 Kerma inelastic (mt51-91) 19-K -39  
 -2927. To 459.9 %  
 Cross Section

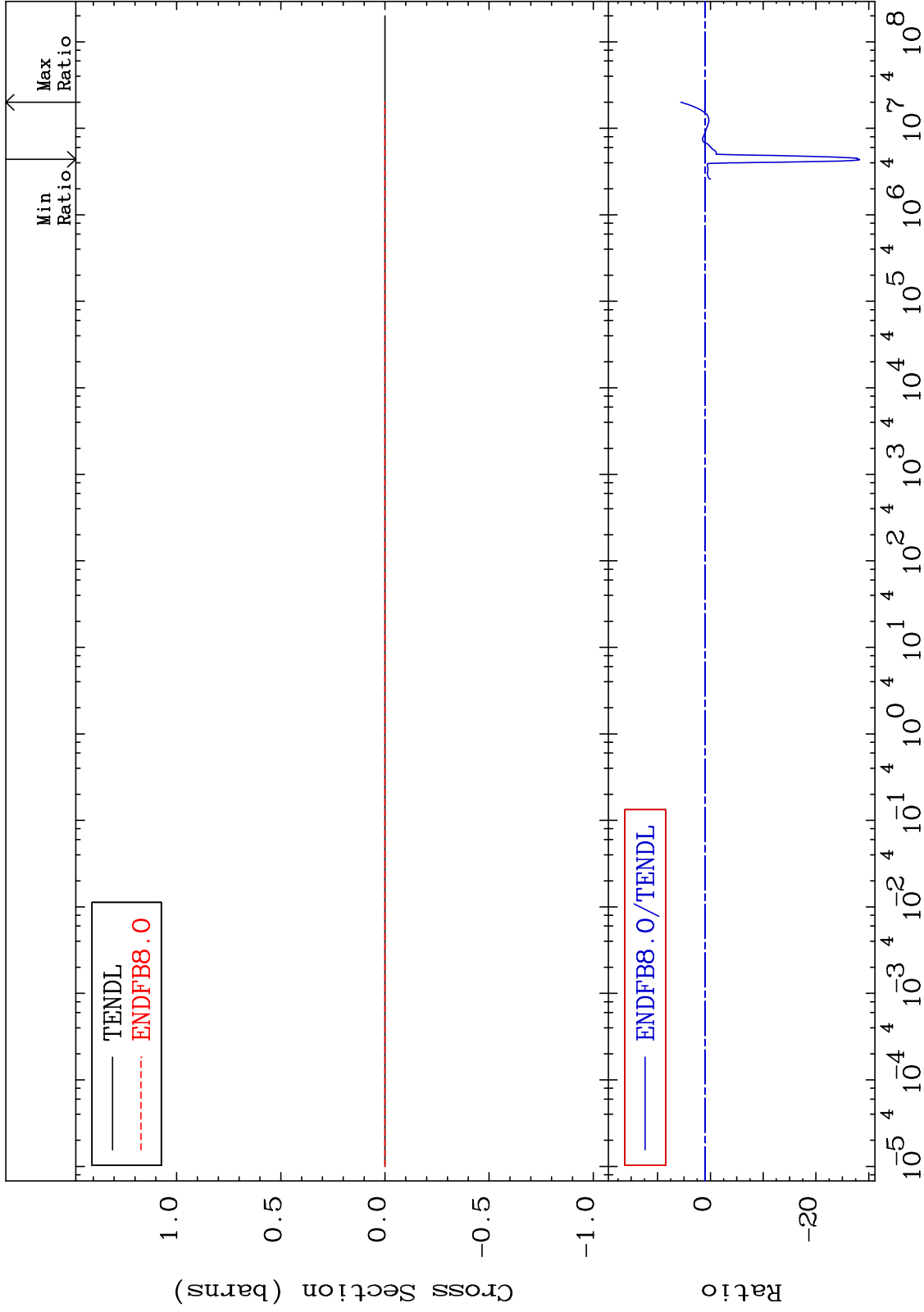


20 Incident Energy (eV) 19-K -39

MAT 1925

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

19-K -39  
-2927. To 459.9 %

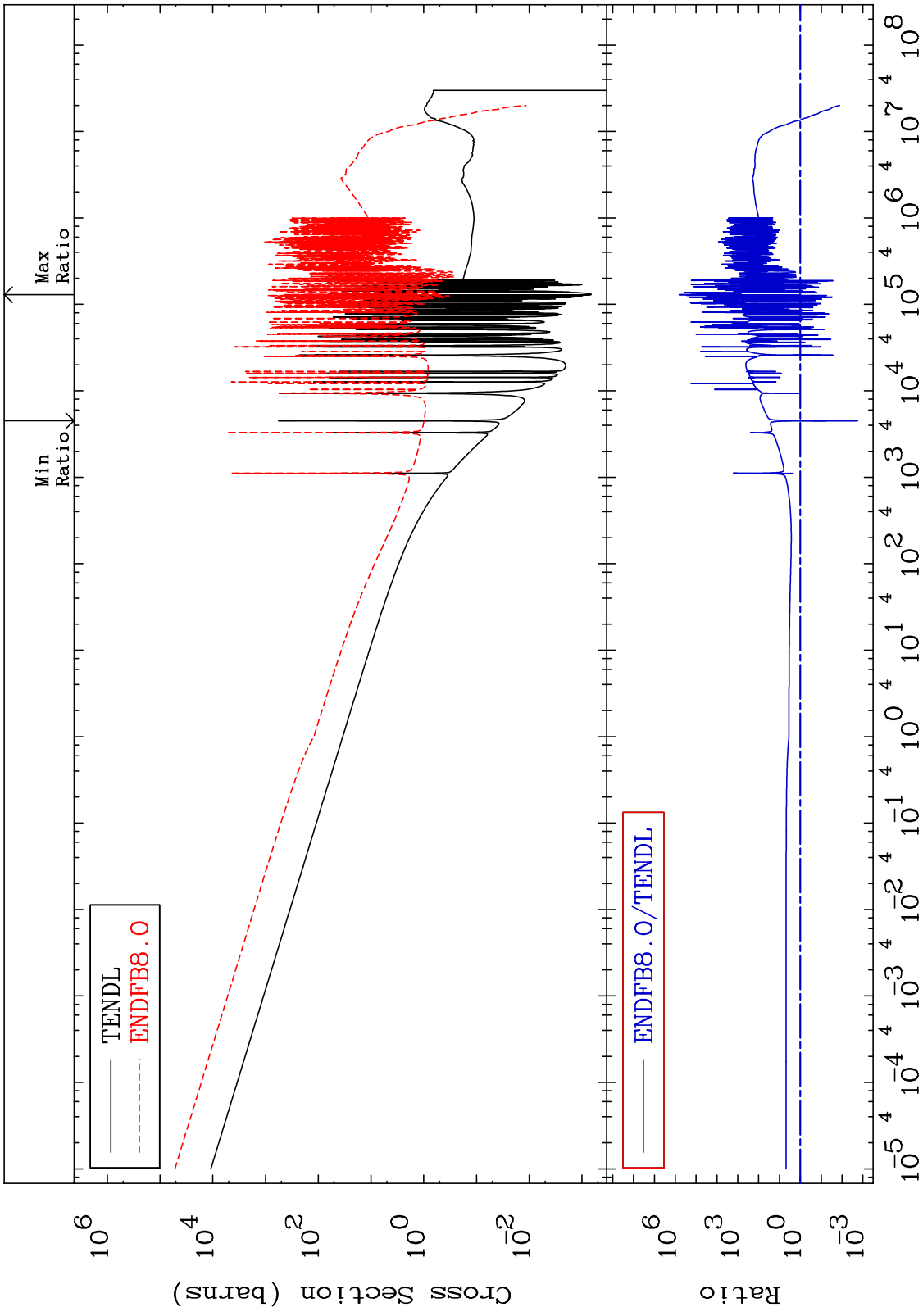


21

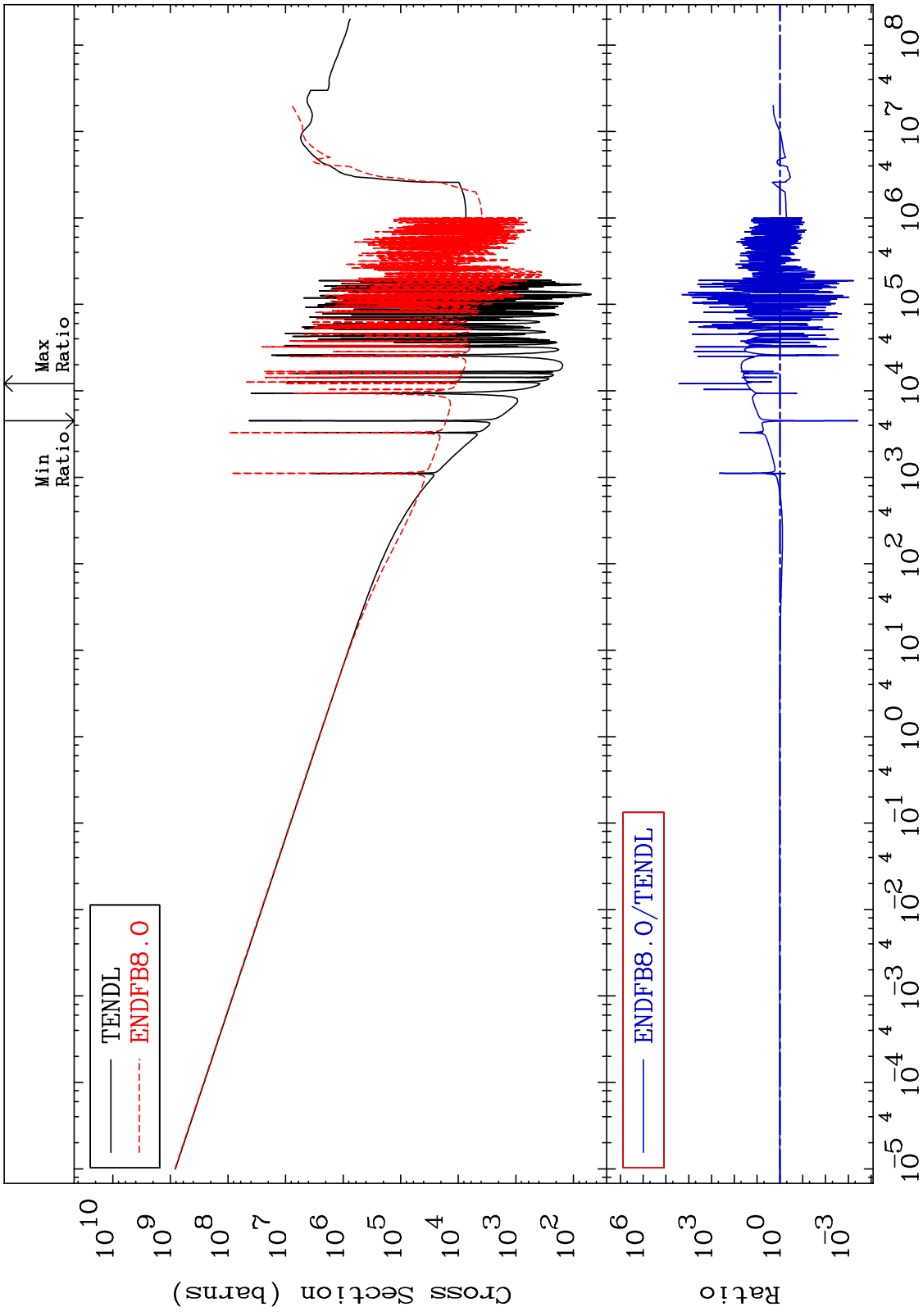
Incident Energy (eV)

19-K -39

MAT 1925      Kerma capture (mt102)      19-K -39  
 Cross Section      -99.83 To 9999. %



MAT 1925      Total photon (eV-barns) Cross Section      19-K -39  
 -99.96 To 9999. %

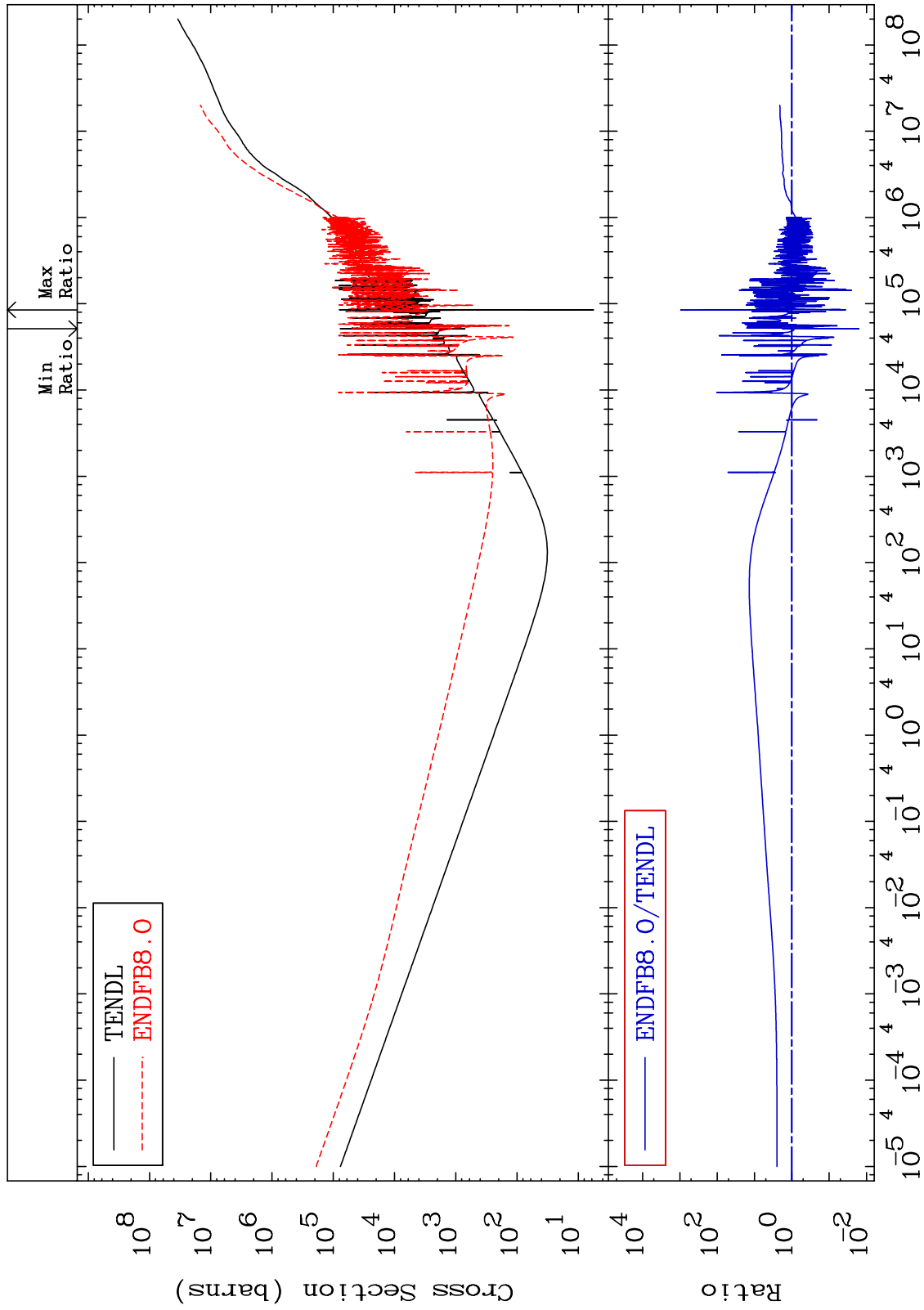




MAT 1925

Total kinematic kerma (high limit)  
Cross Section

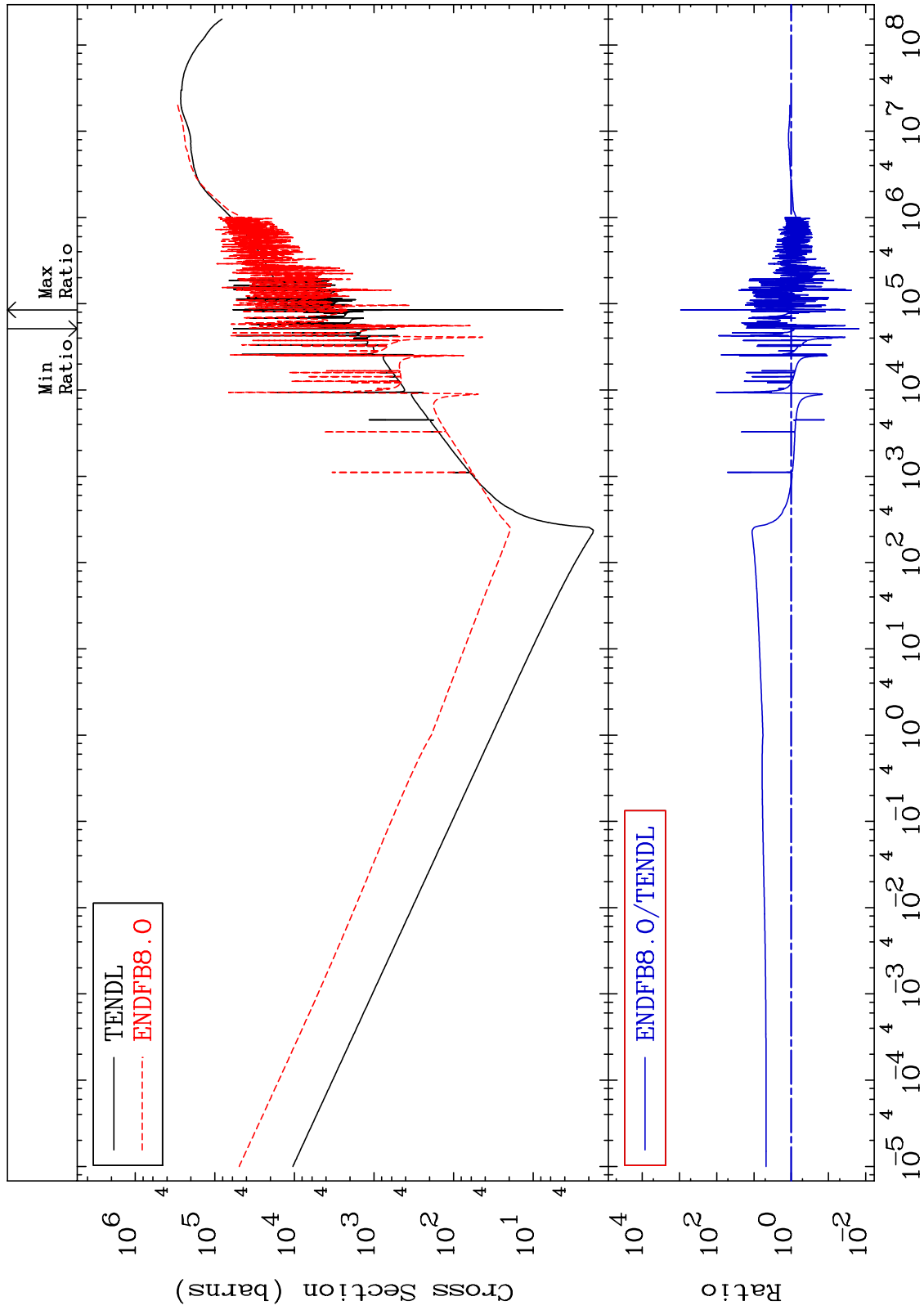
19-K -39  
-98.41 To 9999. %



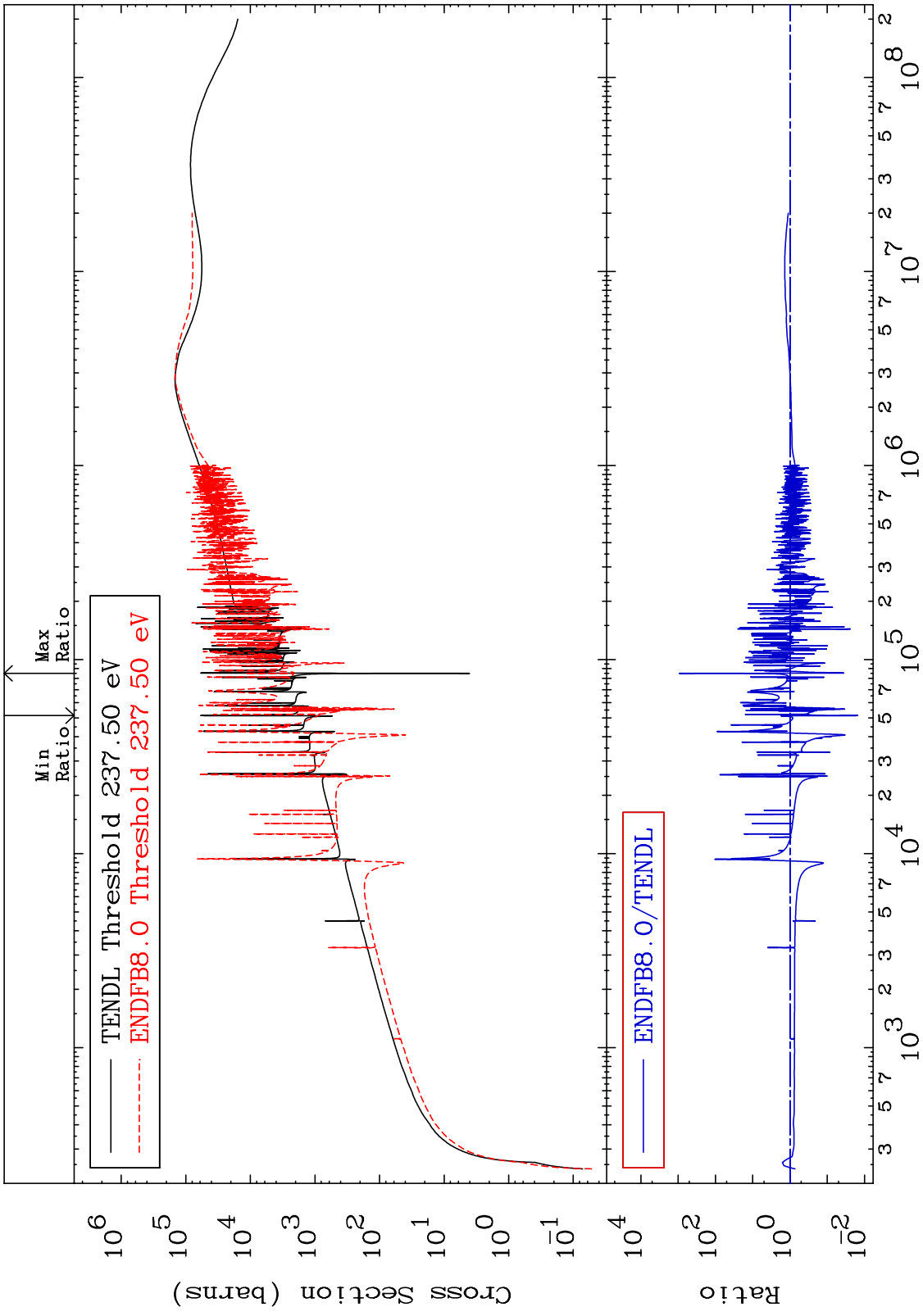
MAT 1925

Dpa total (eV-barns)  
Cross Section

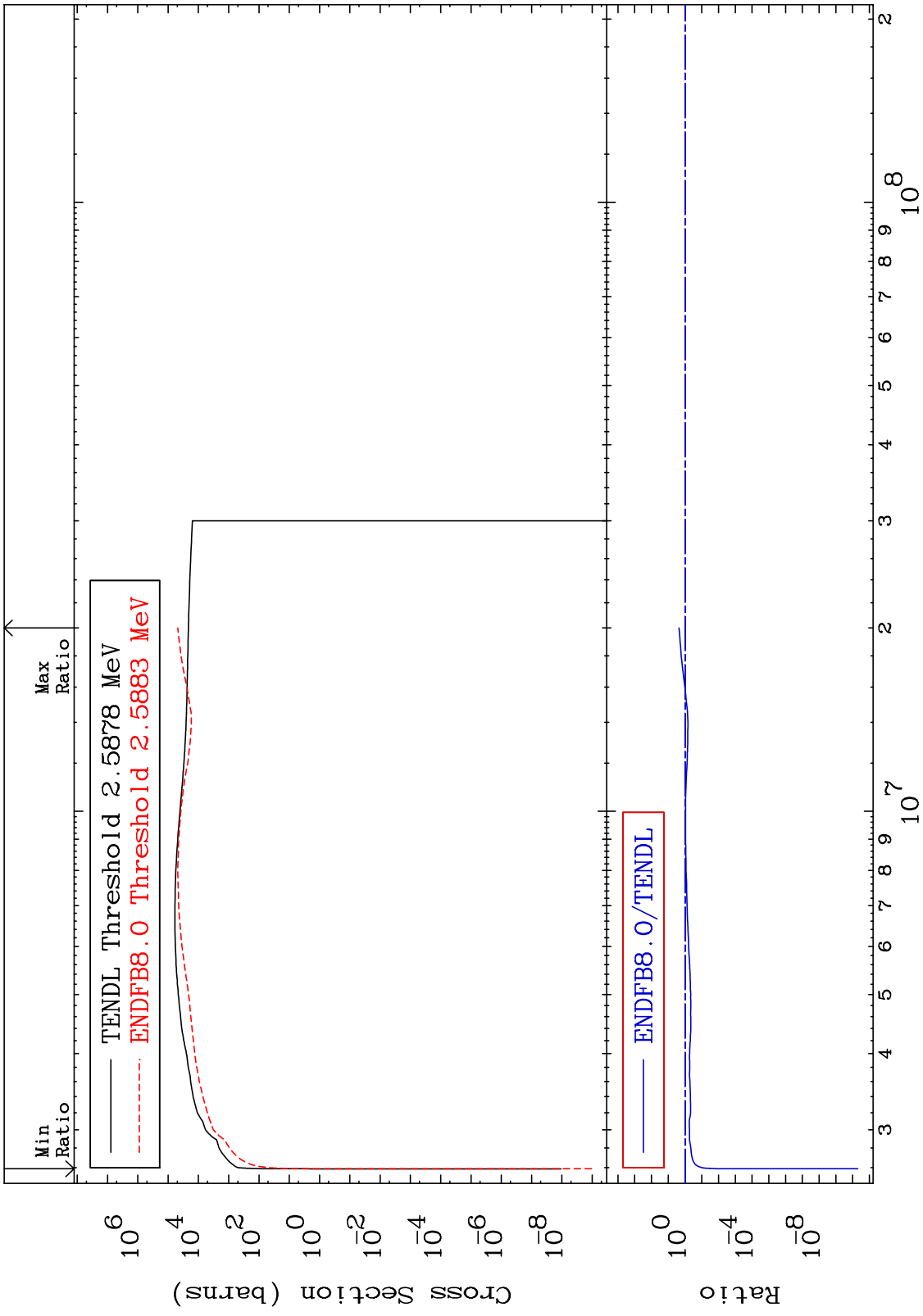
19-K -39  
-98.48 To 9999. %



MAT 1925      Dpa elastic (mt2)      19-K -39  
 Cross Section      -98.49 To 9999. %



MAT 1925 Dpa inelastic (mt51-91) 19-K -39  
 Cross Section -100.0 To 126.3 %



MAT 1925

Dpa disappearance (mt102 -120)  
Cross Section

19-K -39  
-98.55 To 9999. %

