

Program Complot  
(Version 2018-1)

by

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(Present Contact Information)

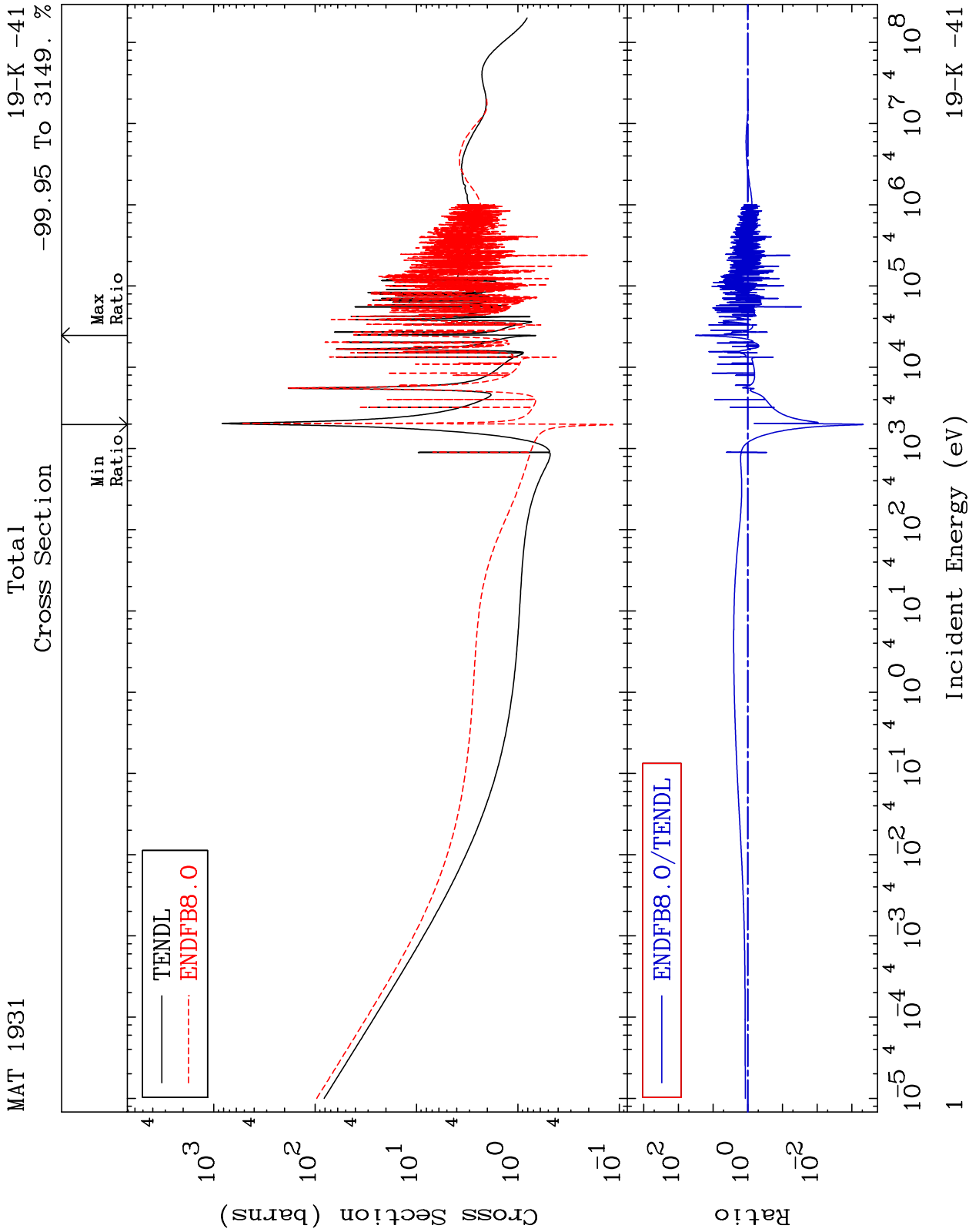
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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

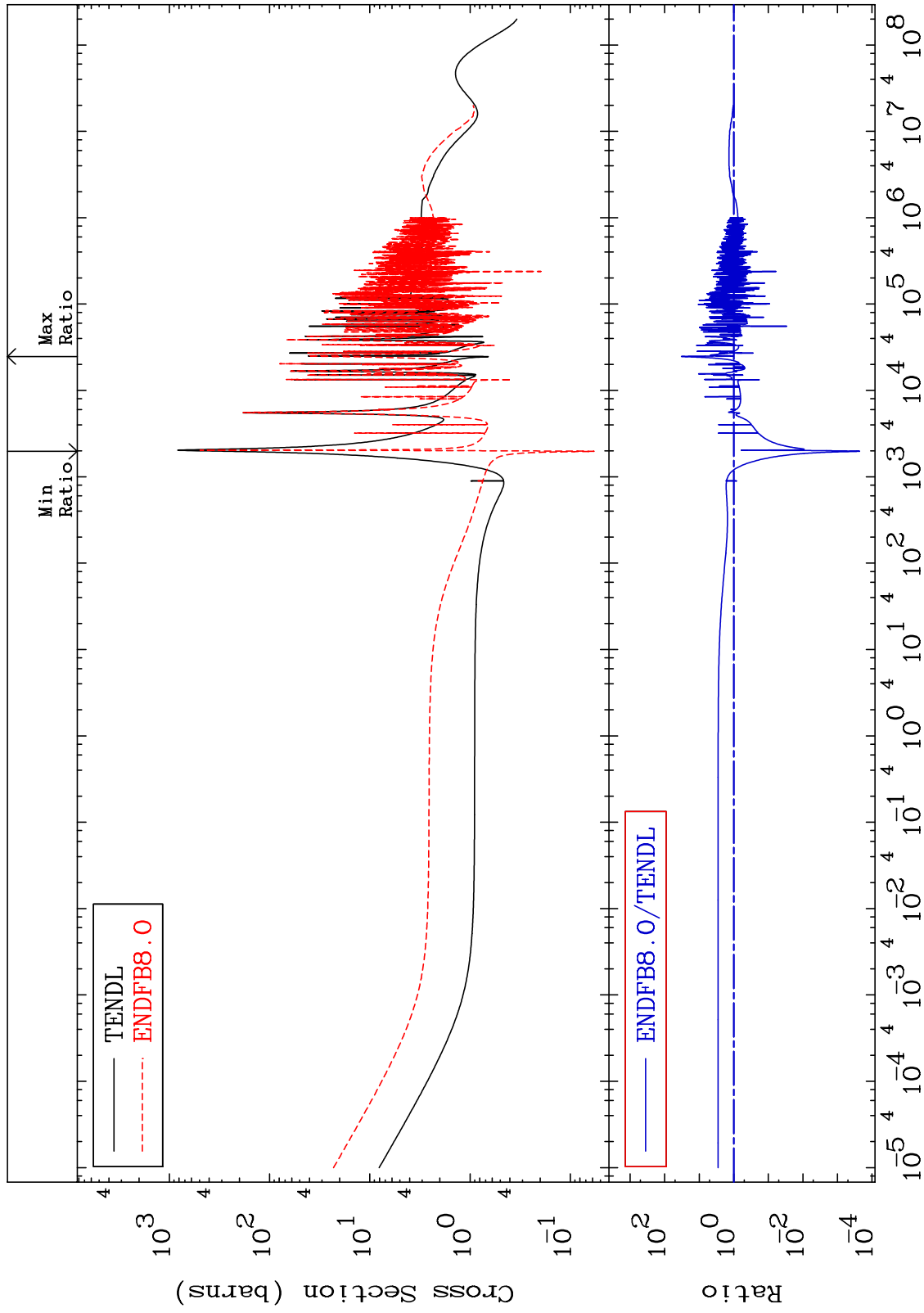
Press Mouse Button to Start

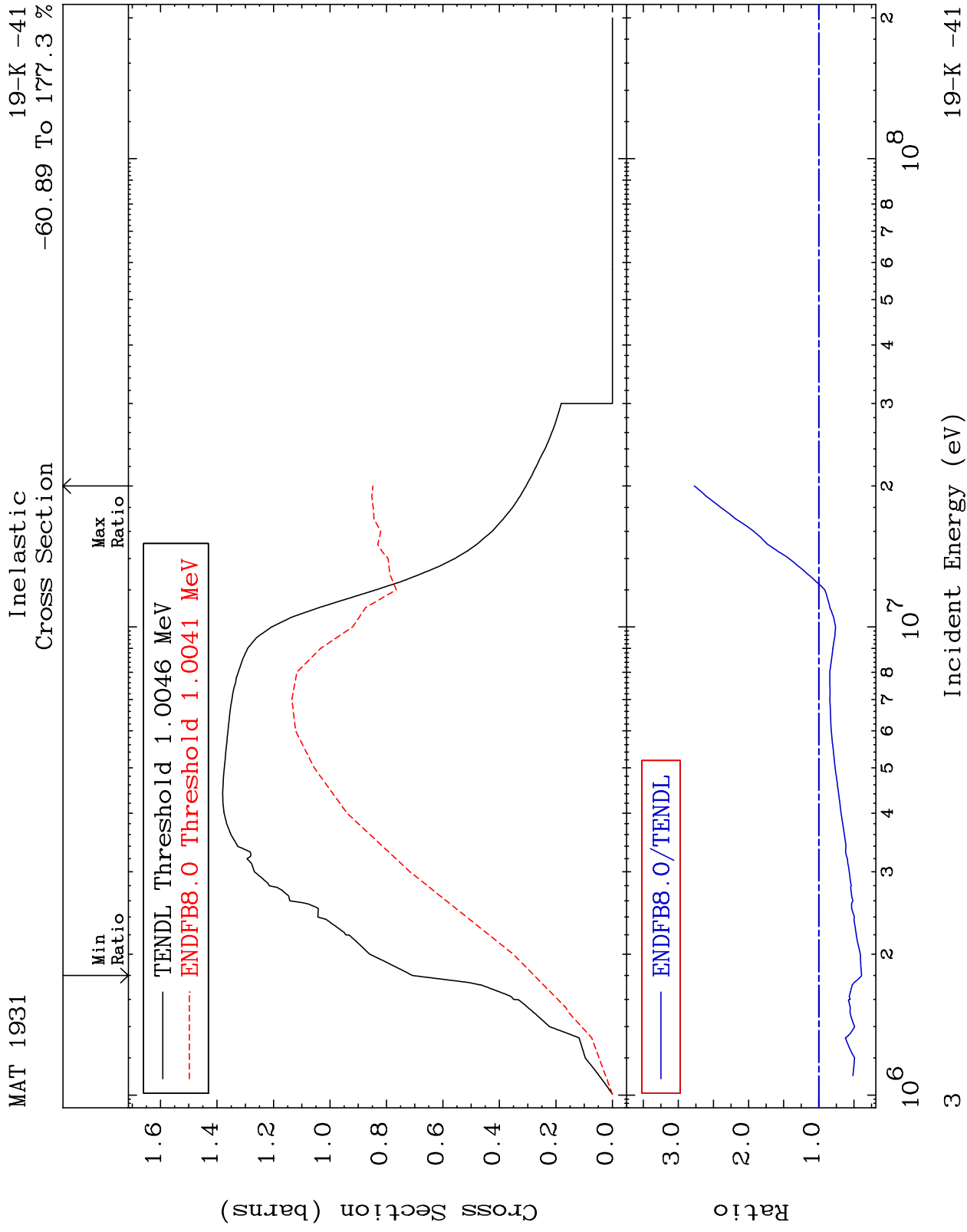


MAT 1931

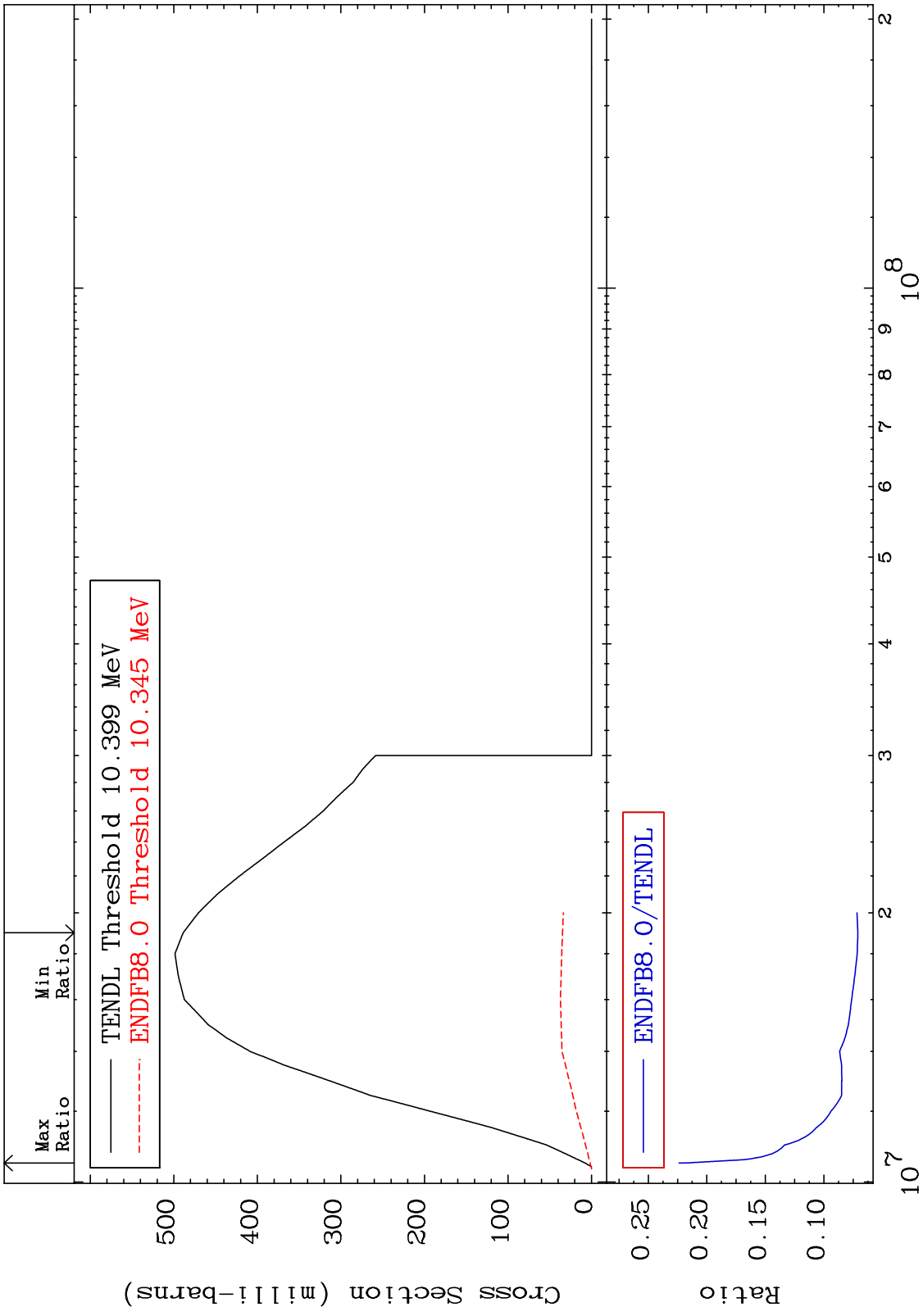
Elastic  
Cross Section

19-K -41  
-99.98 To 3205. %



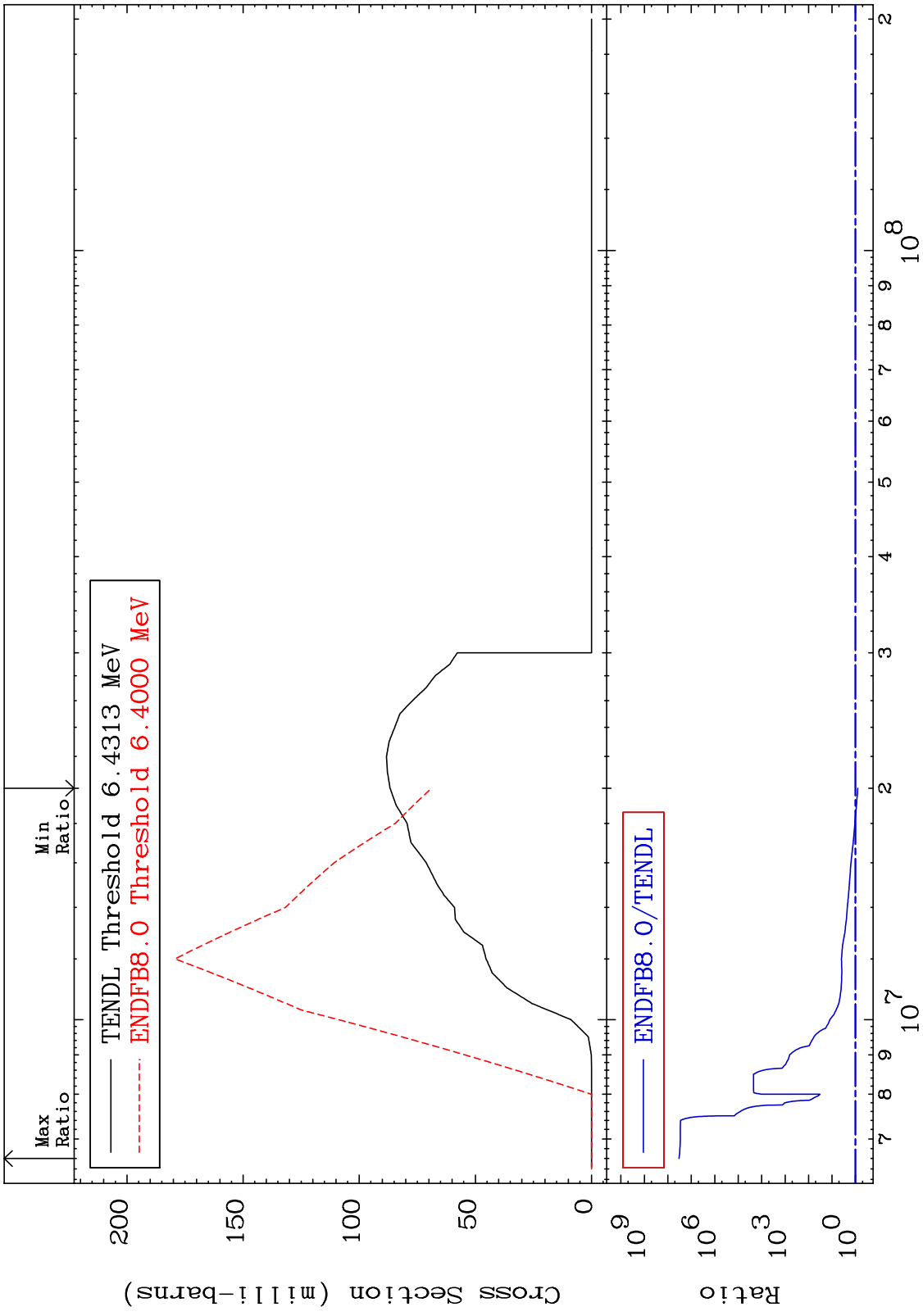


MAT 1931 (n,2n) Cross Section 19-K -41  
 -92.90 To -77.63%

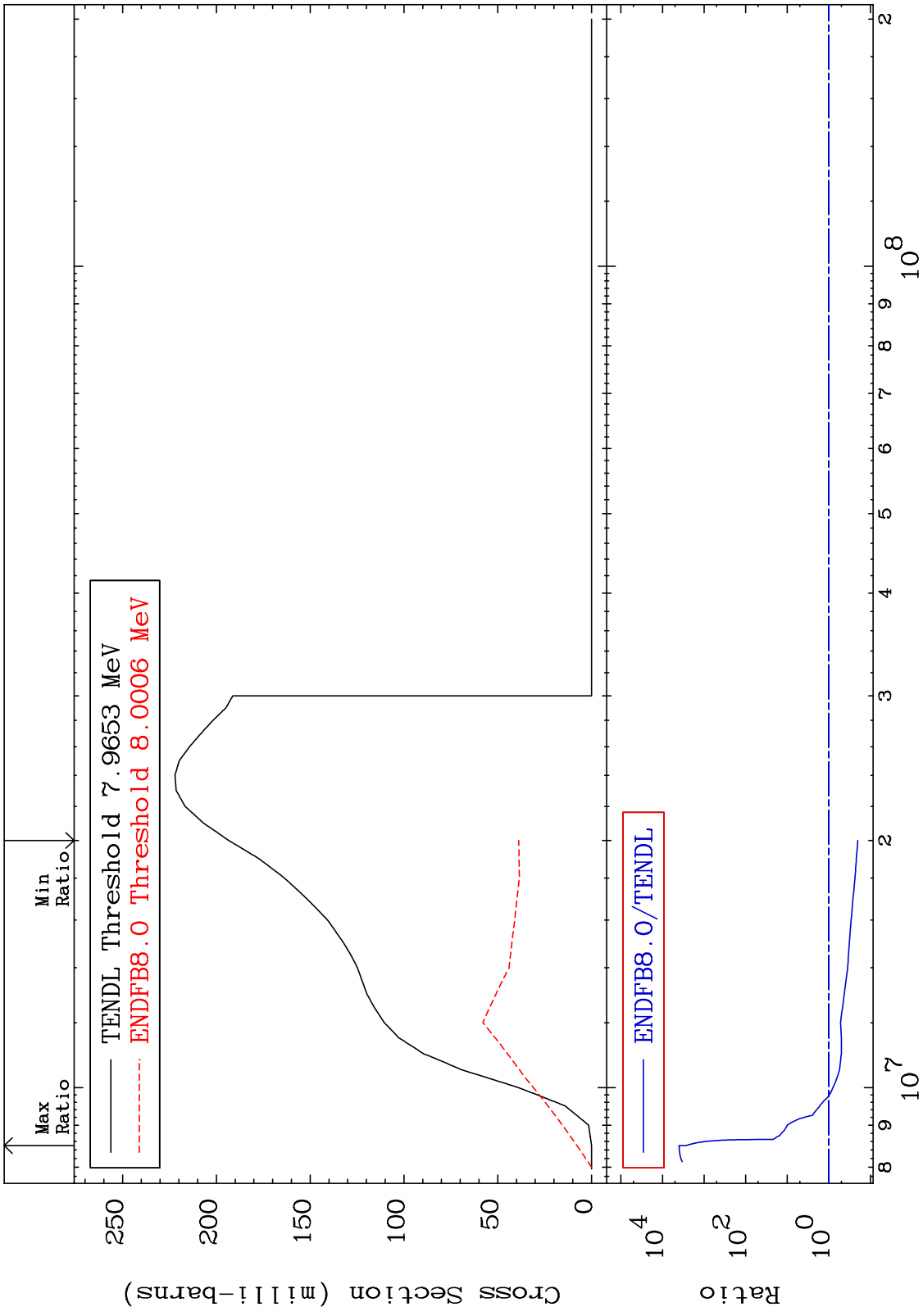


19-K -41

MAT 1931 (n,n')  $\alpha$  19-K -41  
 Cross Section -20.62 To 9999. %

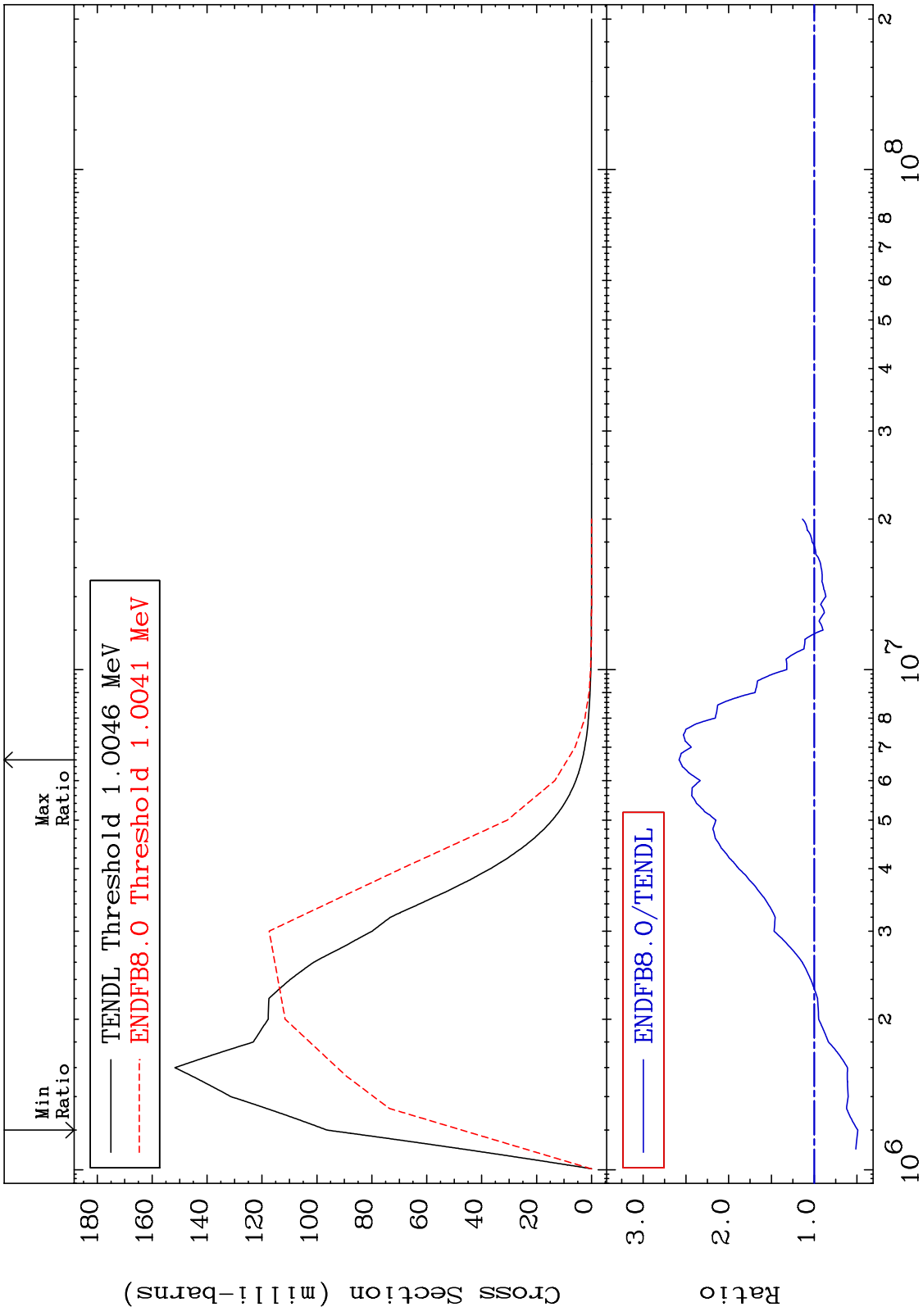


MAT 1931 (n,n') p 19-K -41  
 Cross Section -79.95 To 9999. %



6 19-K -41

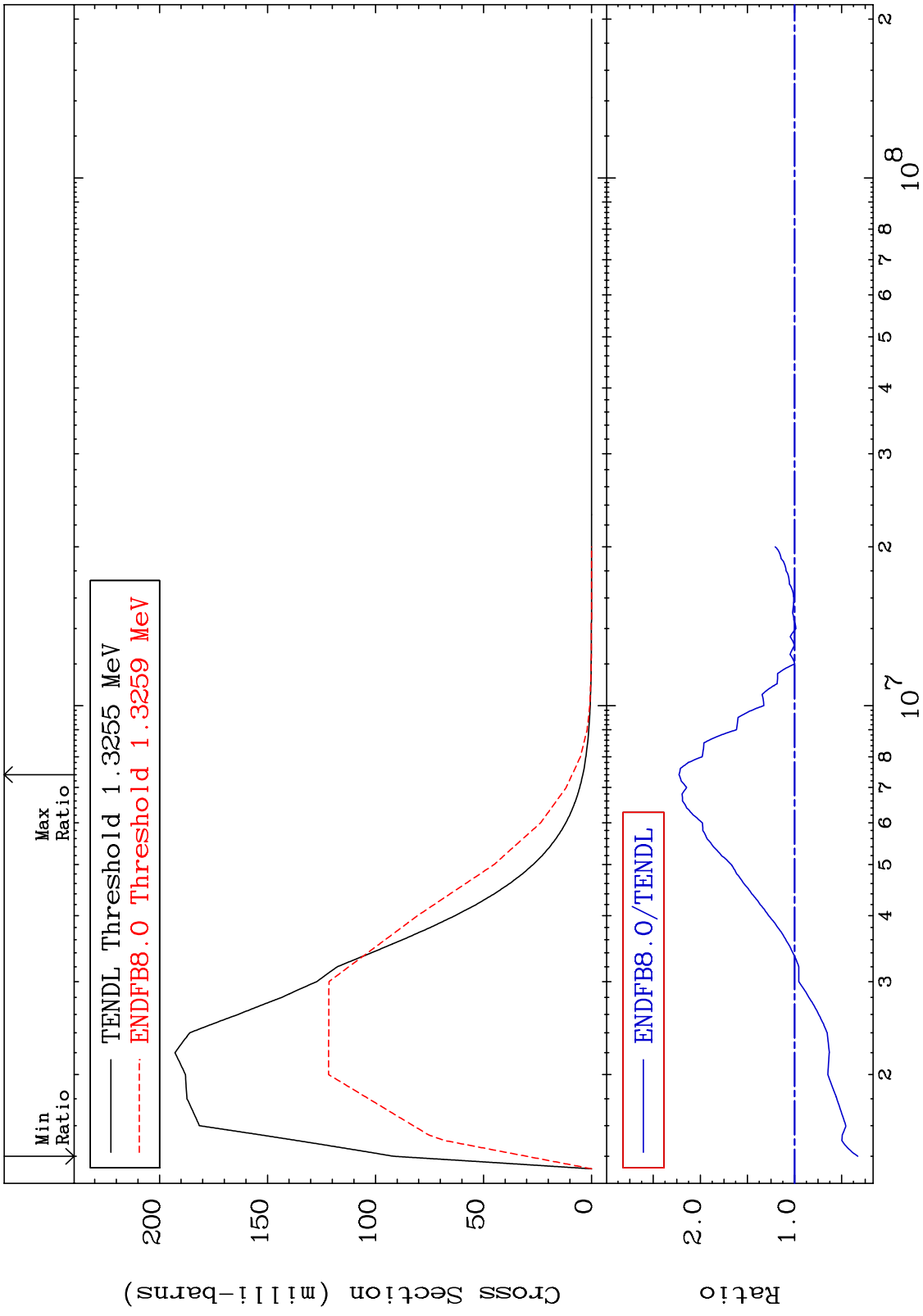
MAT 1931 MT= 51 (n,n') Level Cross Section -50.98 To 158.0 % 19-K -41



Incident Energy (eV) 19-K -41



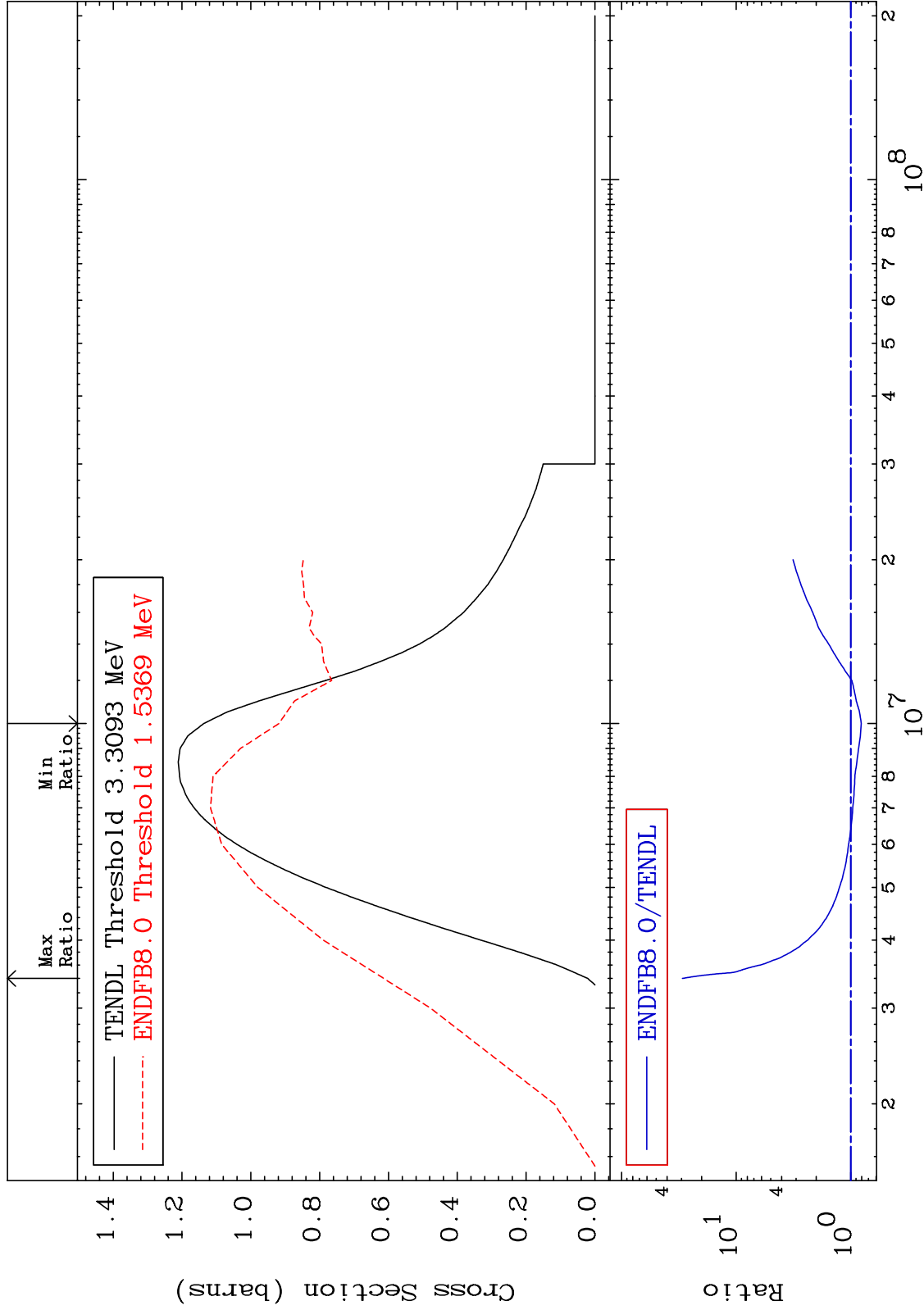
MAT 1931 MT= 52 (n,n') Level Cross Section -67.21 To 122.6 % 19-K -41



MAT 1931

(n,n') Continuum  
Cross Section

19-K -41  
-19.19 To 2843. %



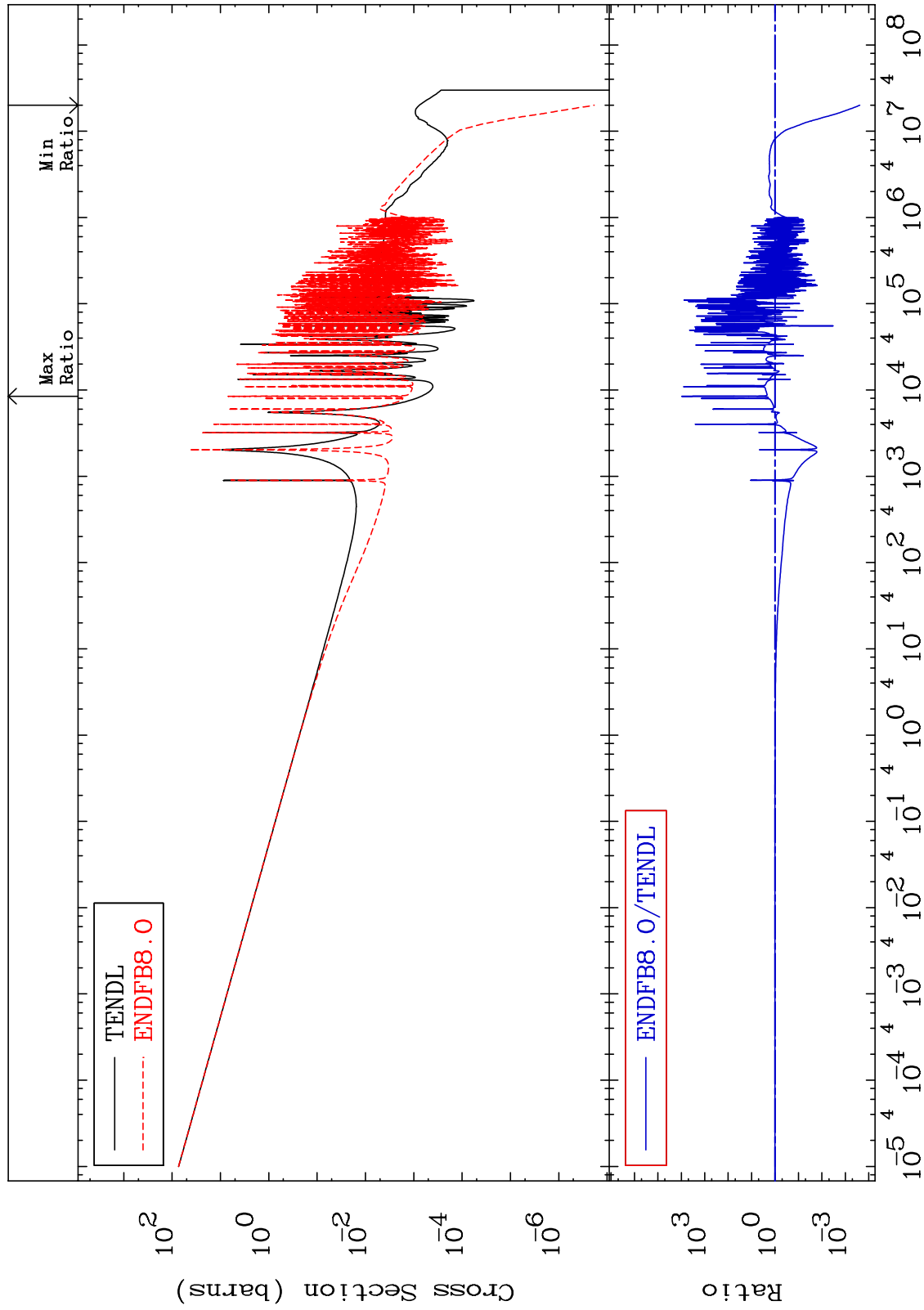
MAT 1931

(n,  $\gamma$ )

19-K -41

Cross Section

-99.98 To 9999. %

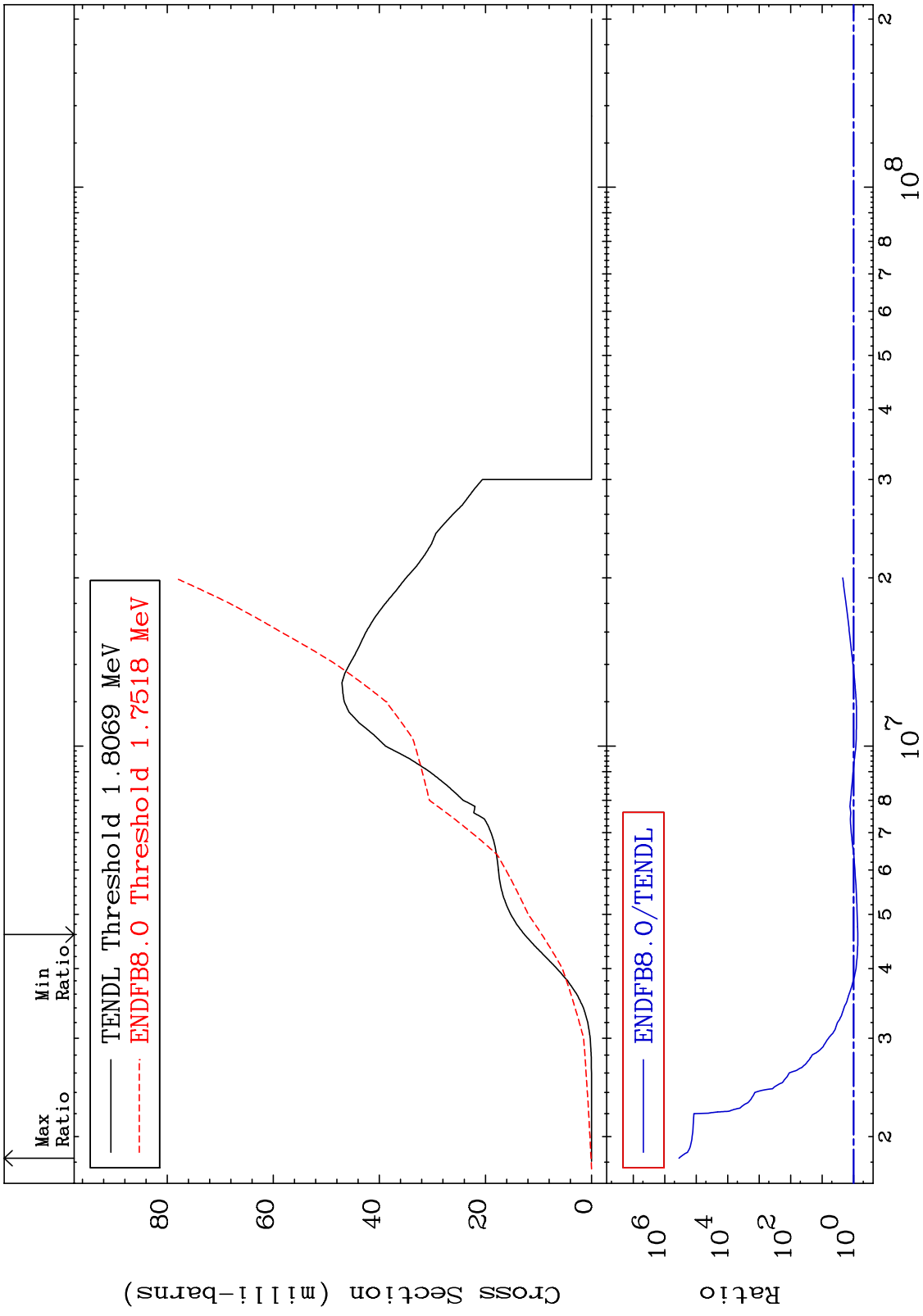


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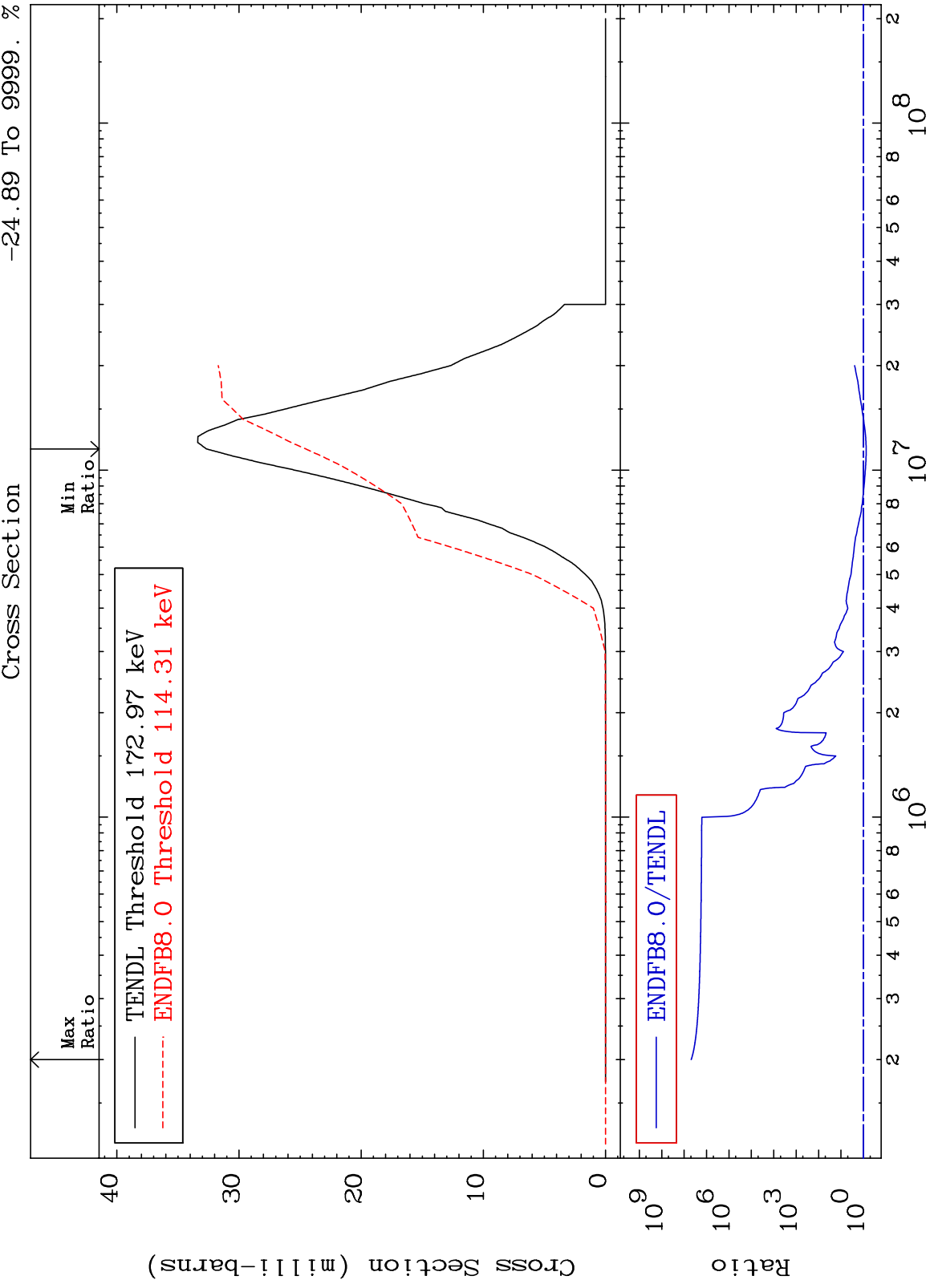
Incident Energy (eV)

19-K -41

MAT 1931 (n,p) 19-K -41  
 Cross Section -25.98 To 9999. %

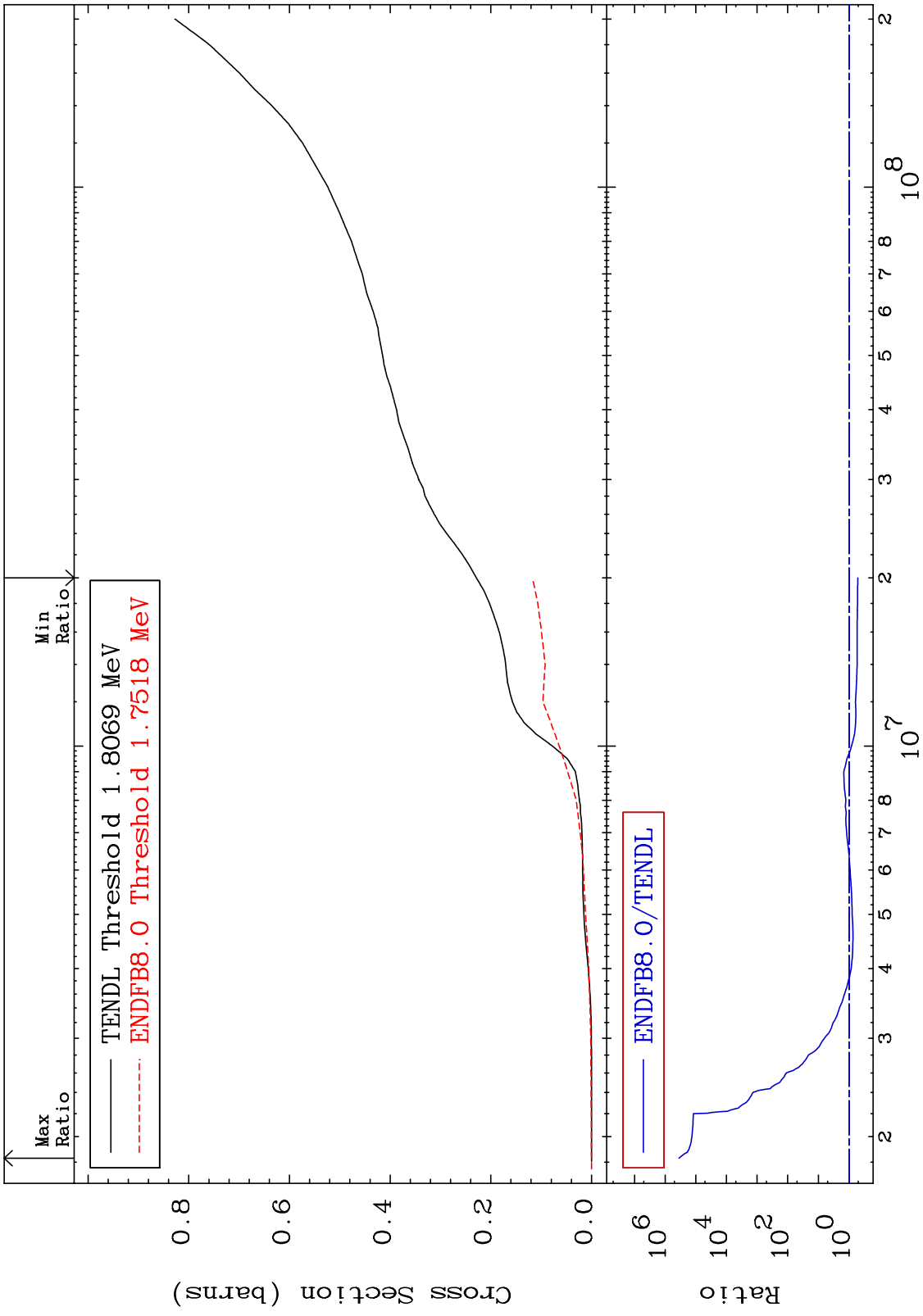


MAT 1931 (n,α) 19-K -41  
-24.89 To 9999. %

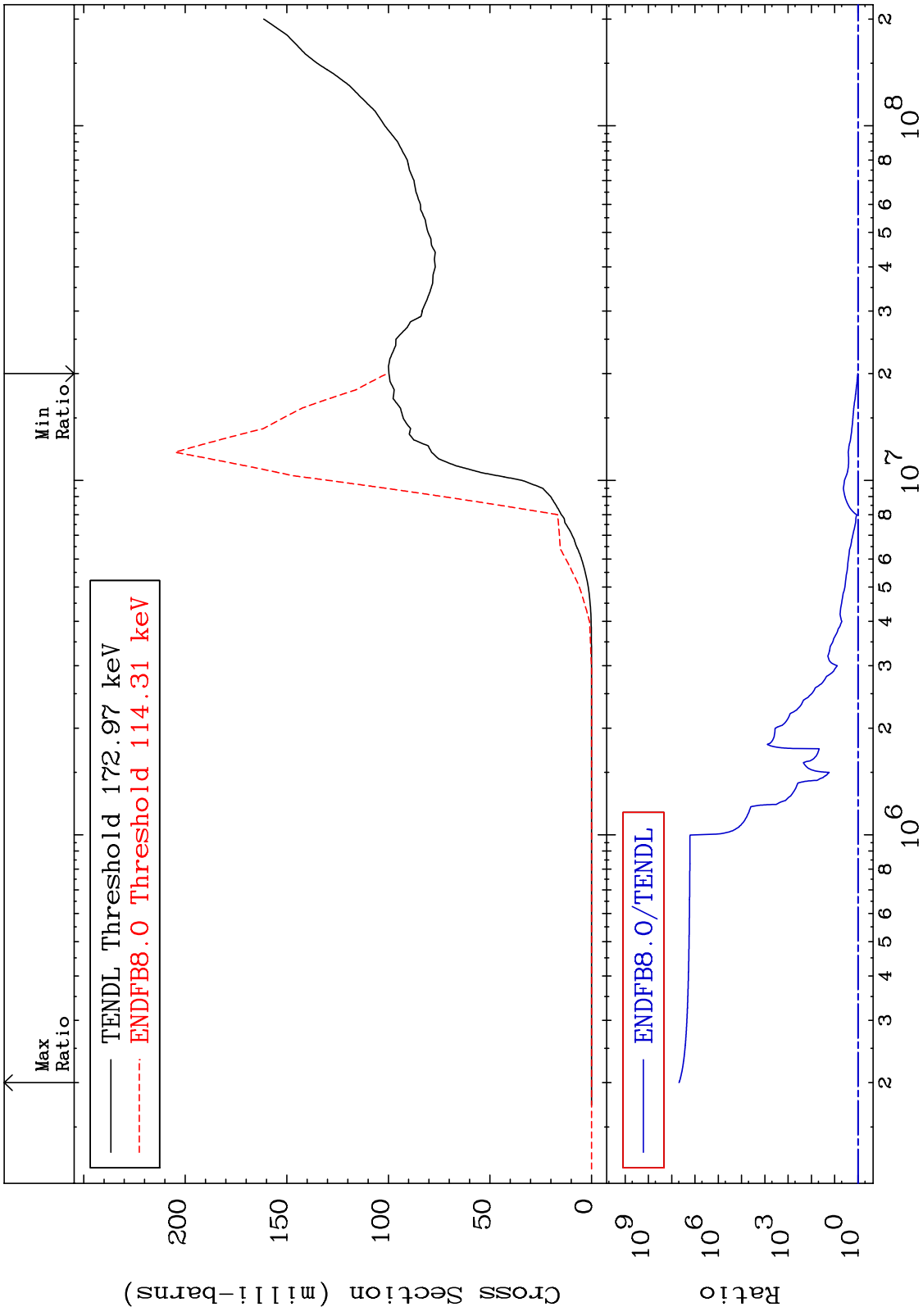


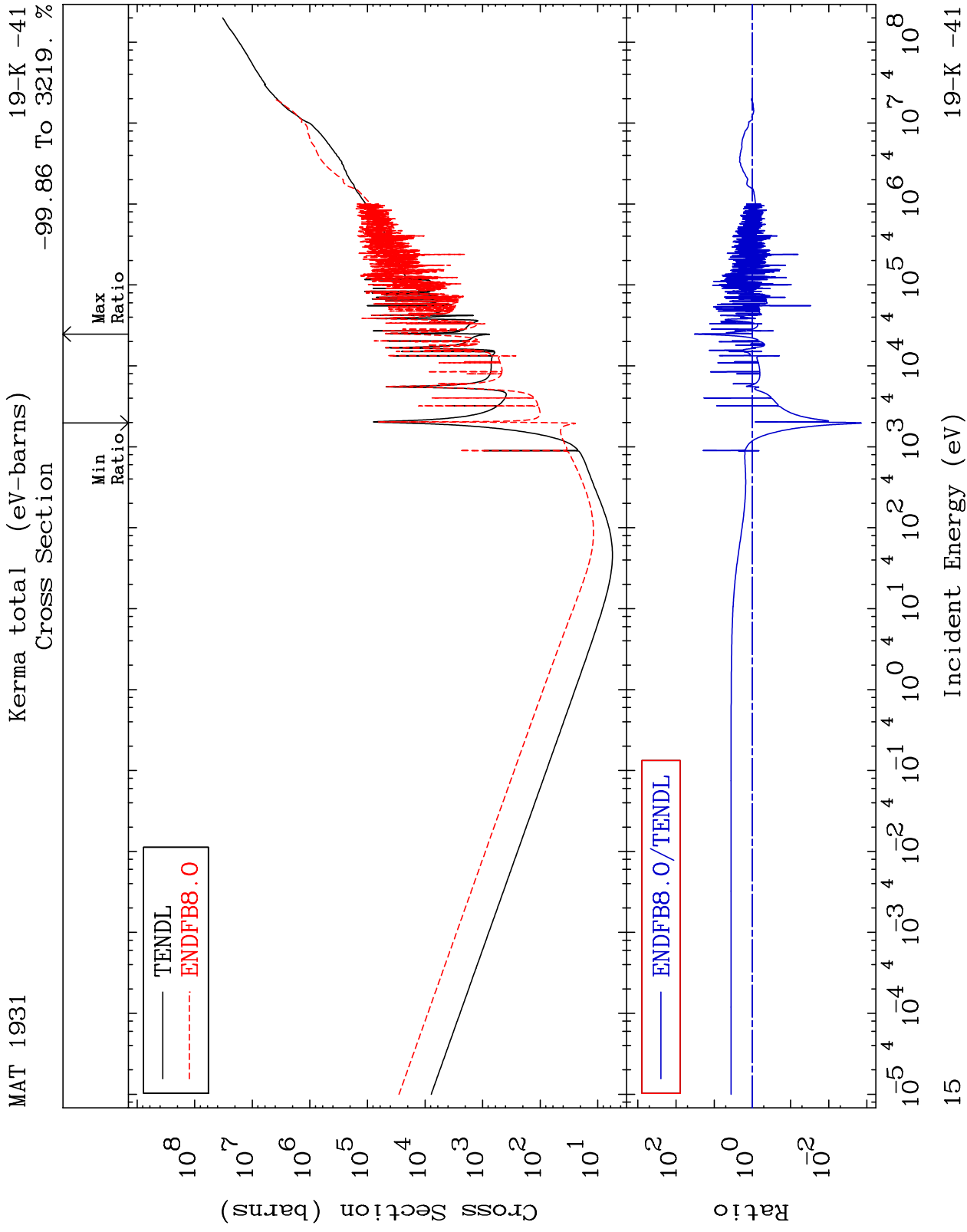
12 19-K -41

MAT 1931 Hydrogen Production Cross Section 19-K -41  
 -48.71 To 9999. %



MAT 1931 He-4 Production Cross Section 19-K -41 0.863 To 9999. %



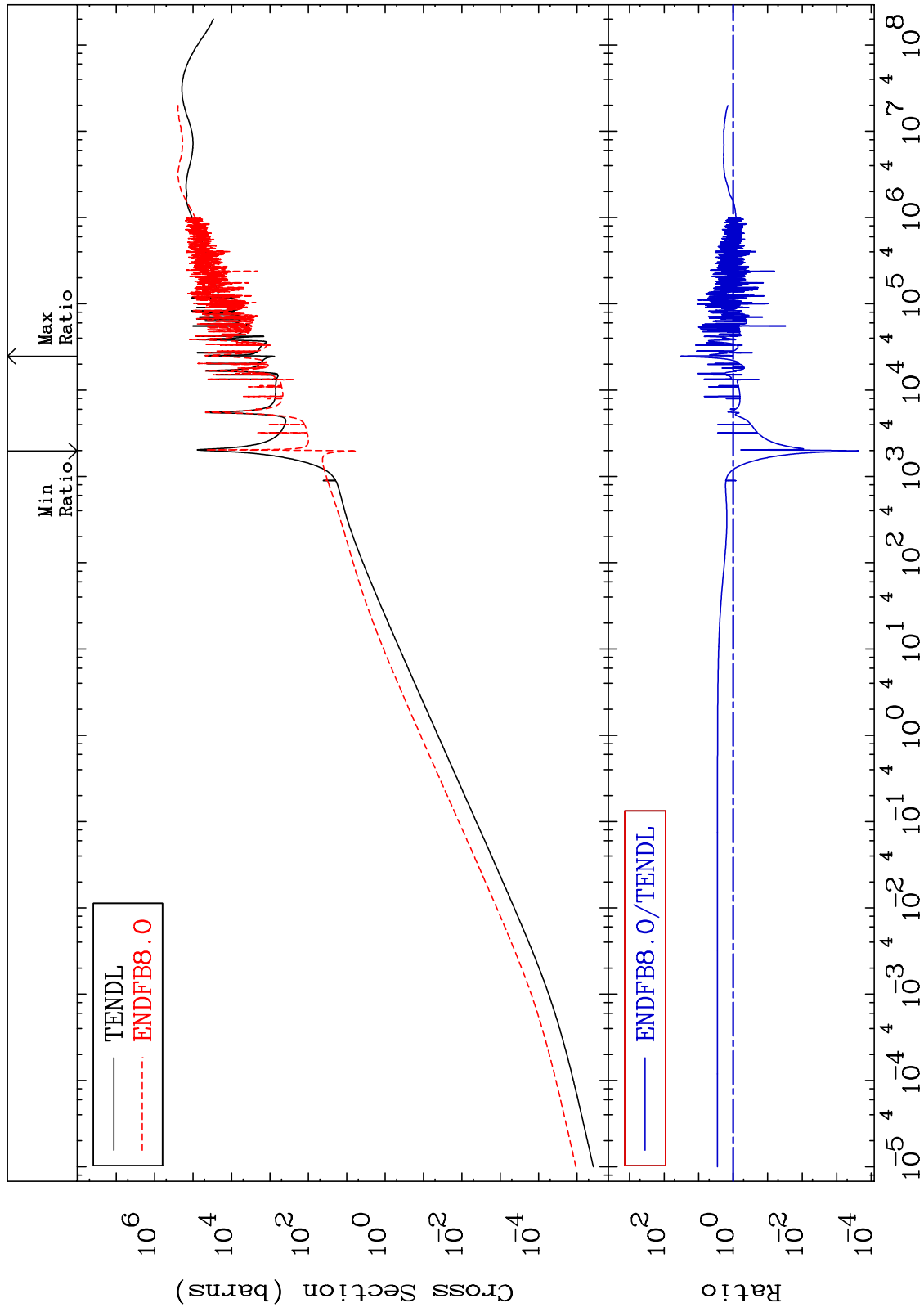




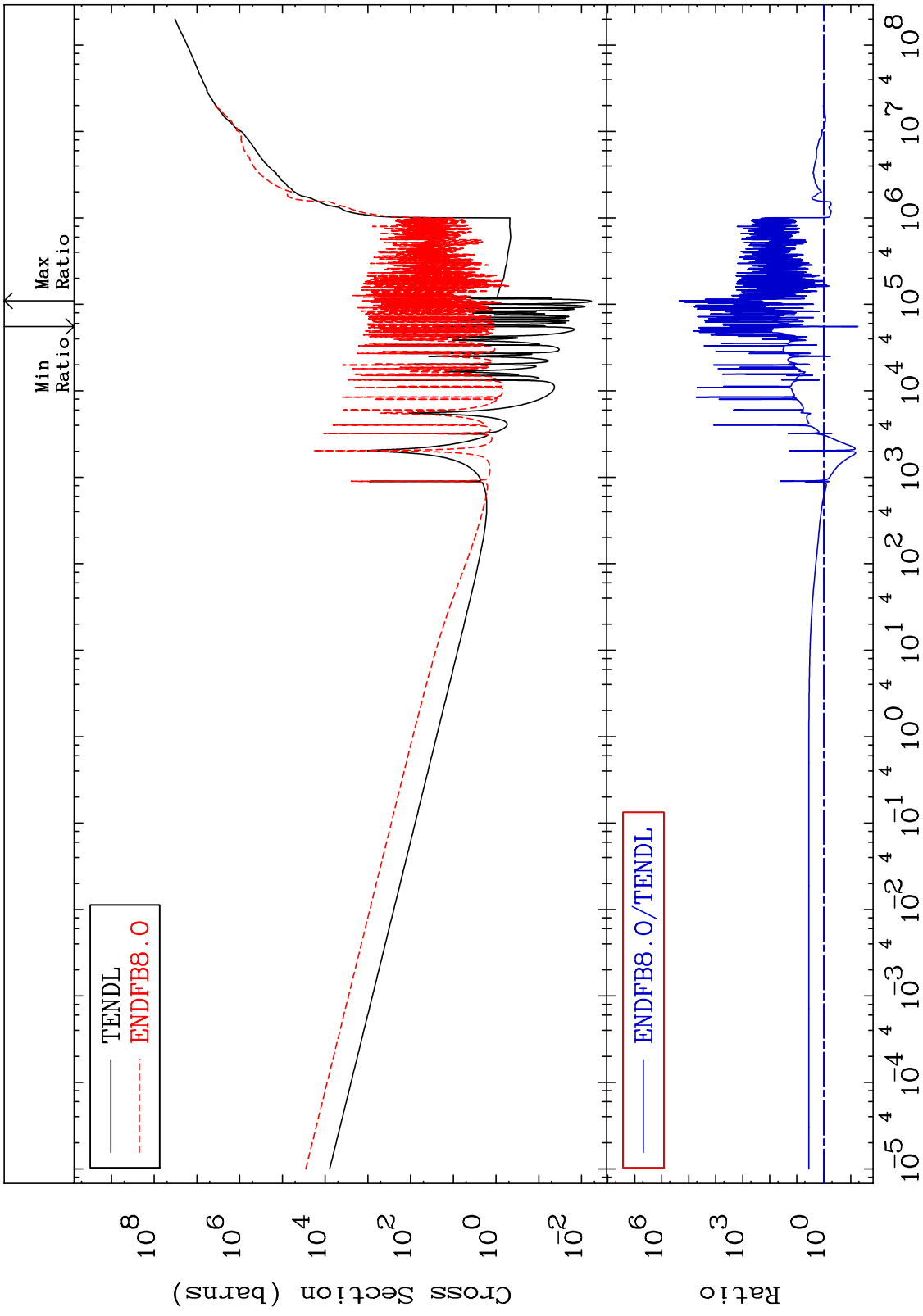
MAT 1931

Kerma elastic  
Cross Section

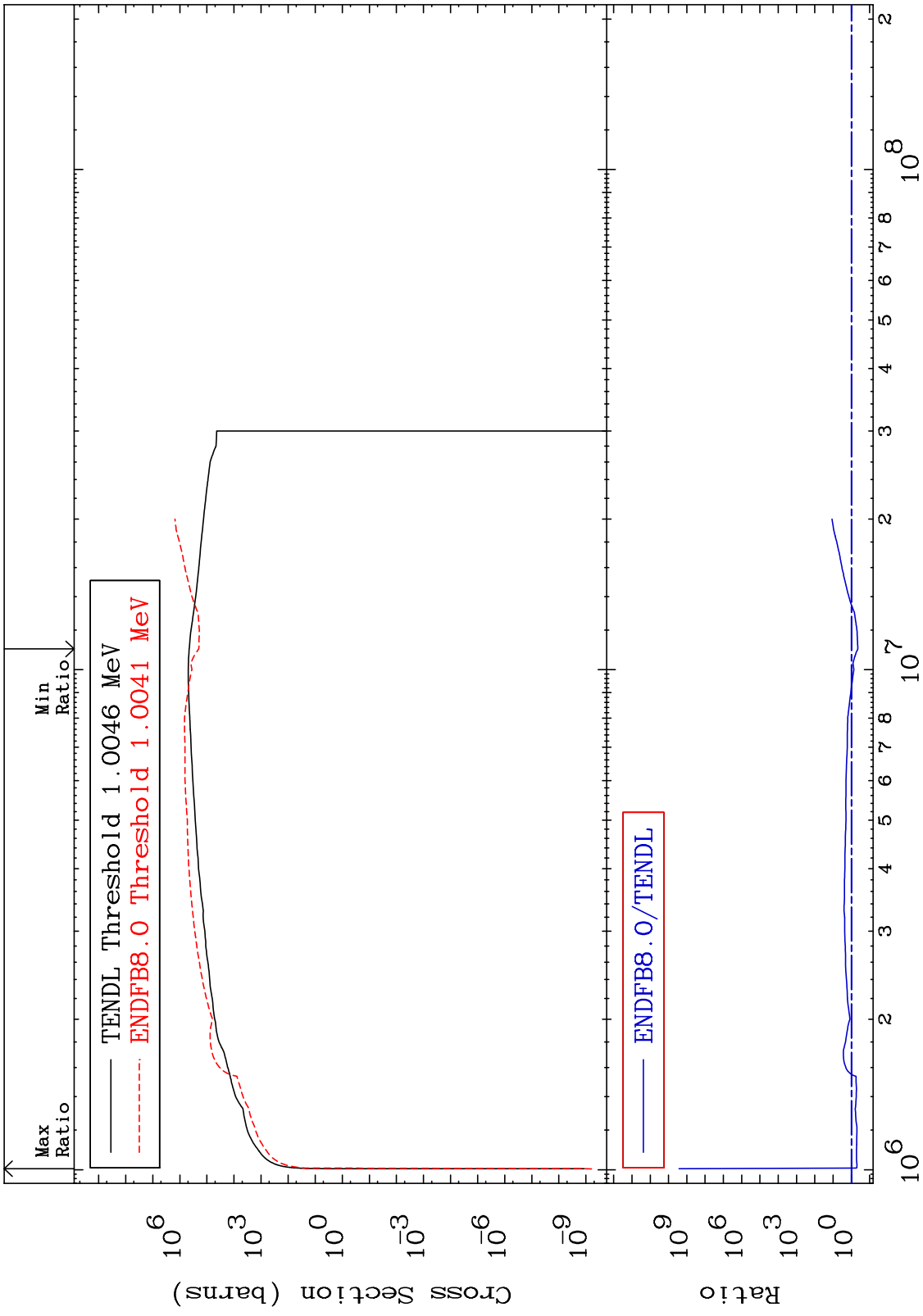
19-K -41  
-99.98 To 3223. %



MAT 1931 Kerma non-elastic (all but mt2) 19-K -41  
 Cross Section -94.49 To 9999. %

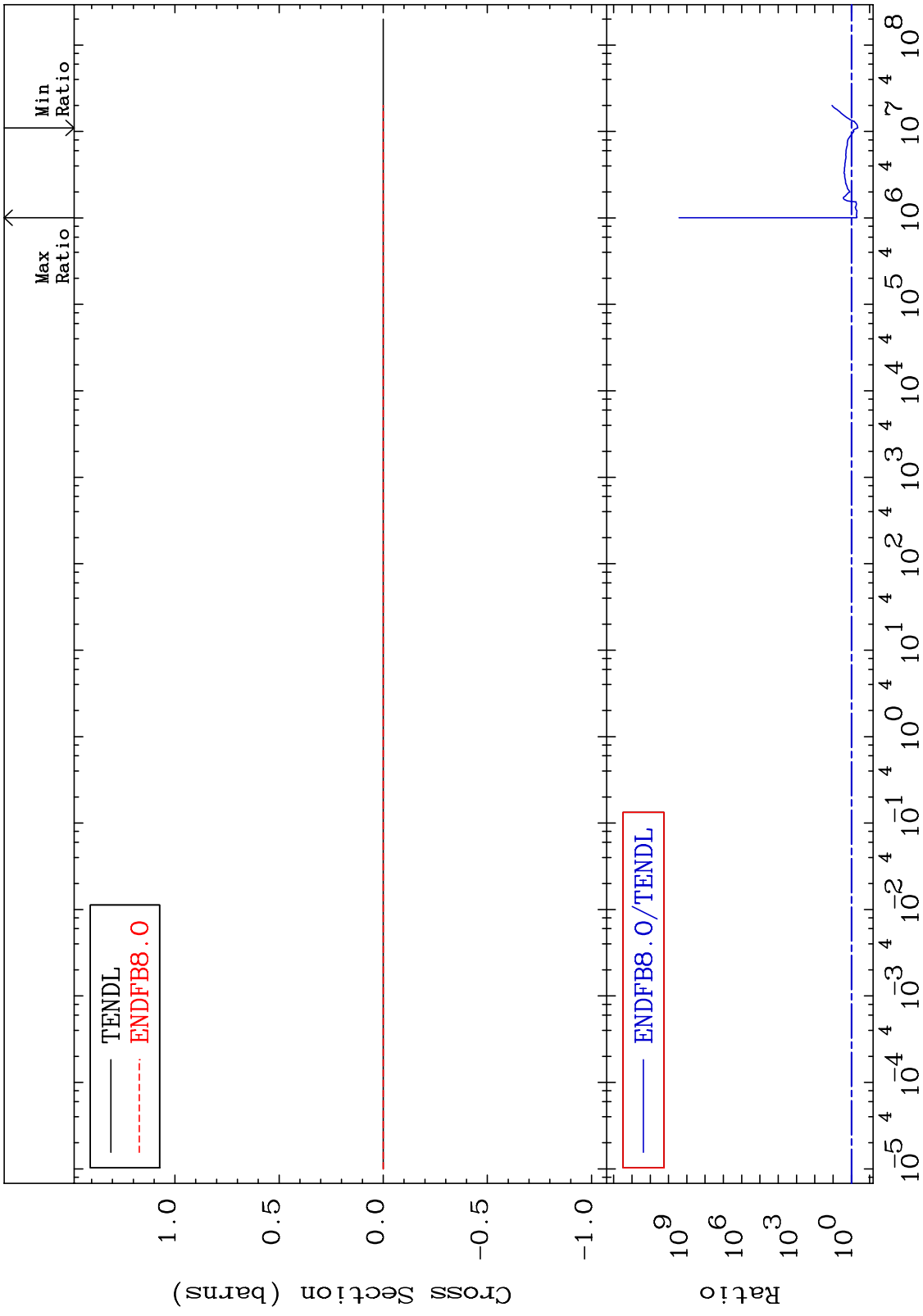


MAT 1931 Kerma inelastic (mt51-91) 19-K -41  
 -55.82 To 9999. %  
 Cross Section



18 19-K -41

MAT 1931 Kerma fission (mt18 or mt19-20-21-38) 19-K -41  
 Cross Section -55.82 To 9999. %

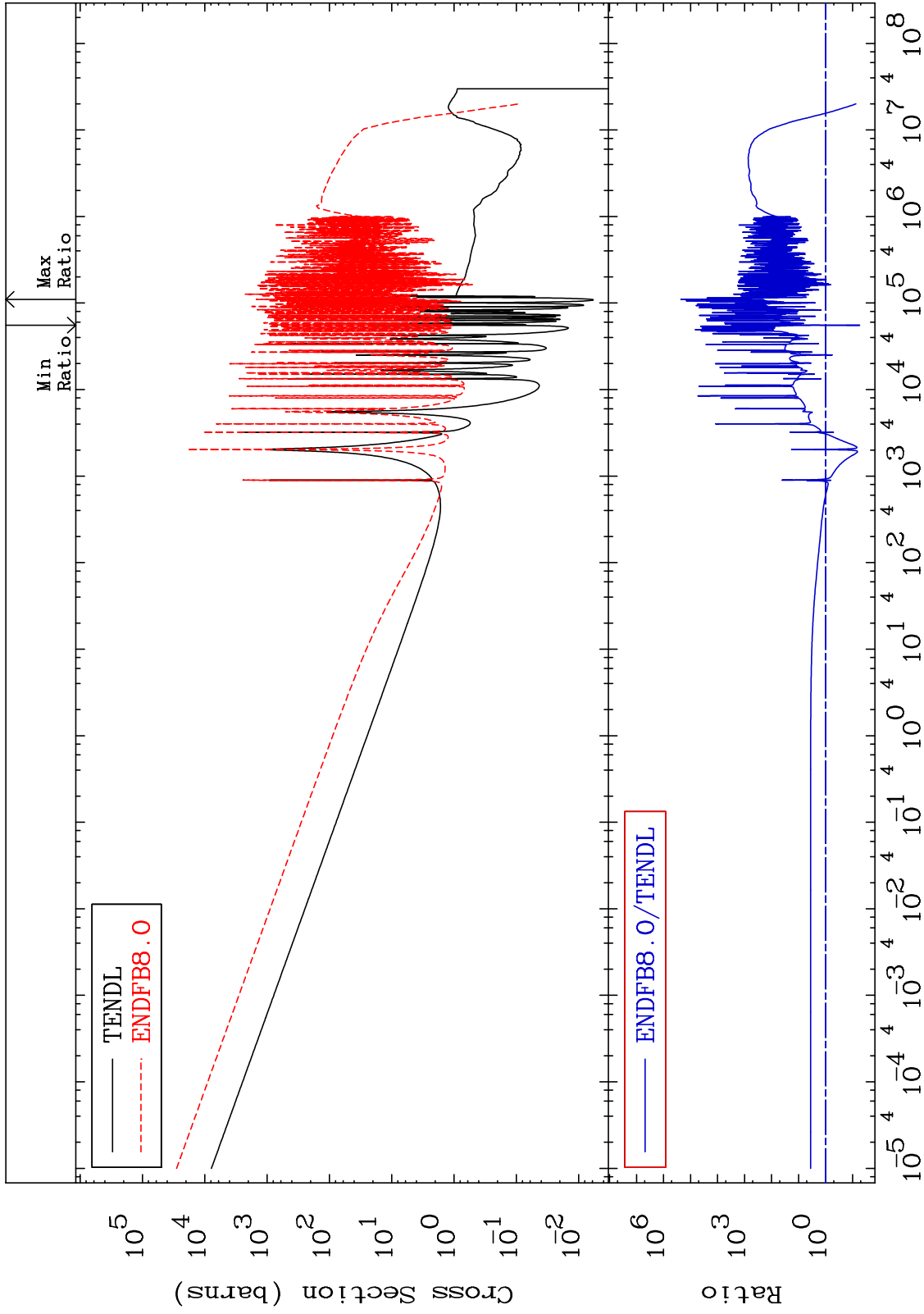


19 Incident Energy (eV) 19-K -41

MAT 1931

Kerma capture (mt102)  
Cross Section

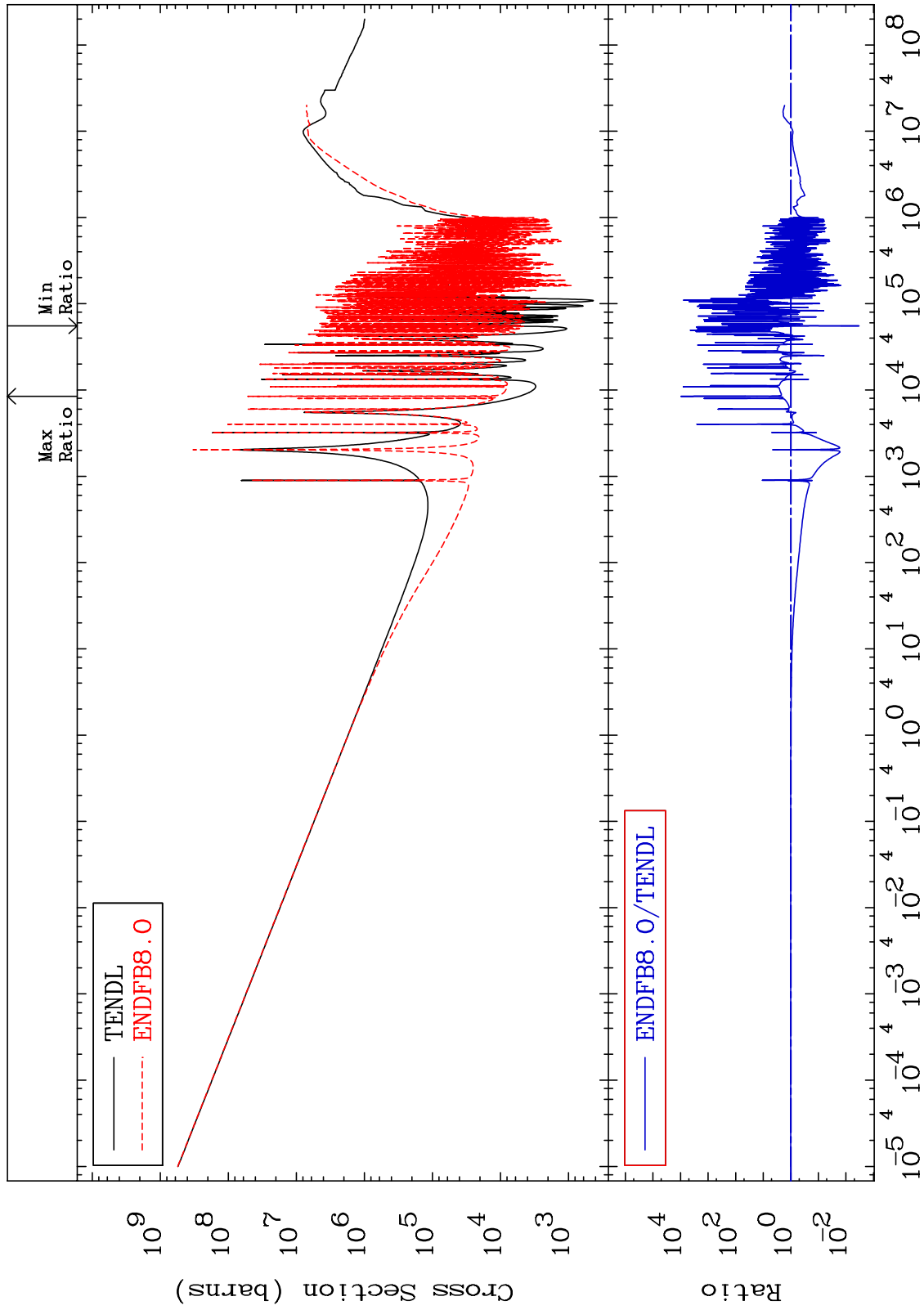
19-K -41  
-94.49 To 9999. %



MAT 1931

Total photon (eV-barns)  
Cross Section

19-K -41  
-99.66 To 9999. %

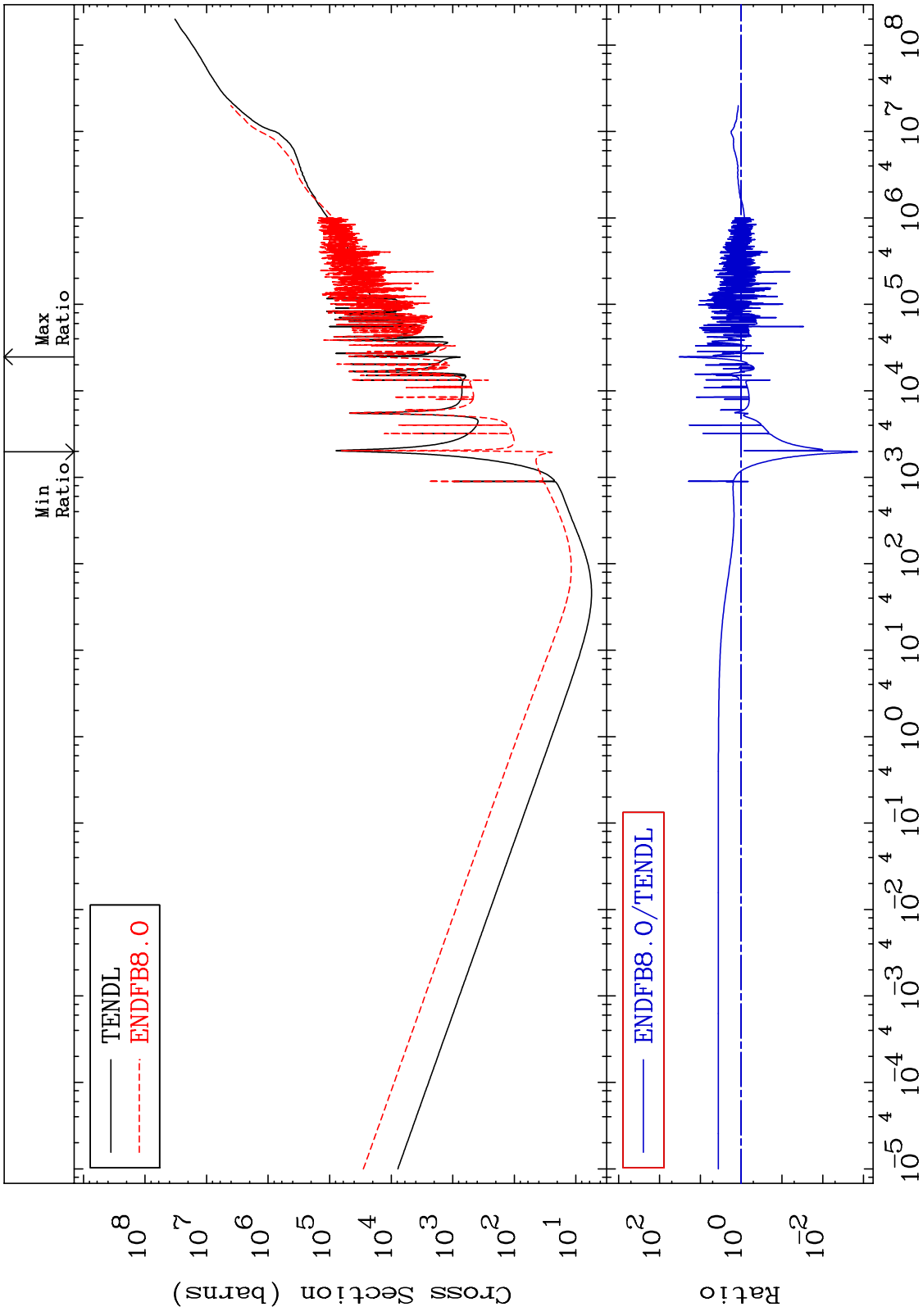


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Incident Energy (eV)

19-K -41

MAT 1931 Total kinematic kerma (high limit) 19-K -41  
 Cross Section -99.86 To 3219. %



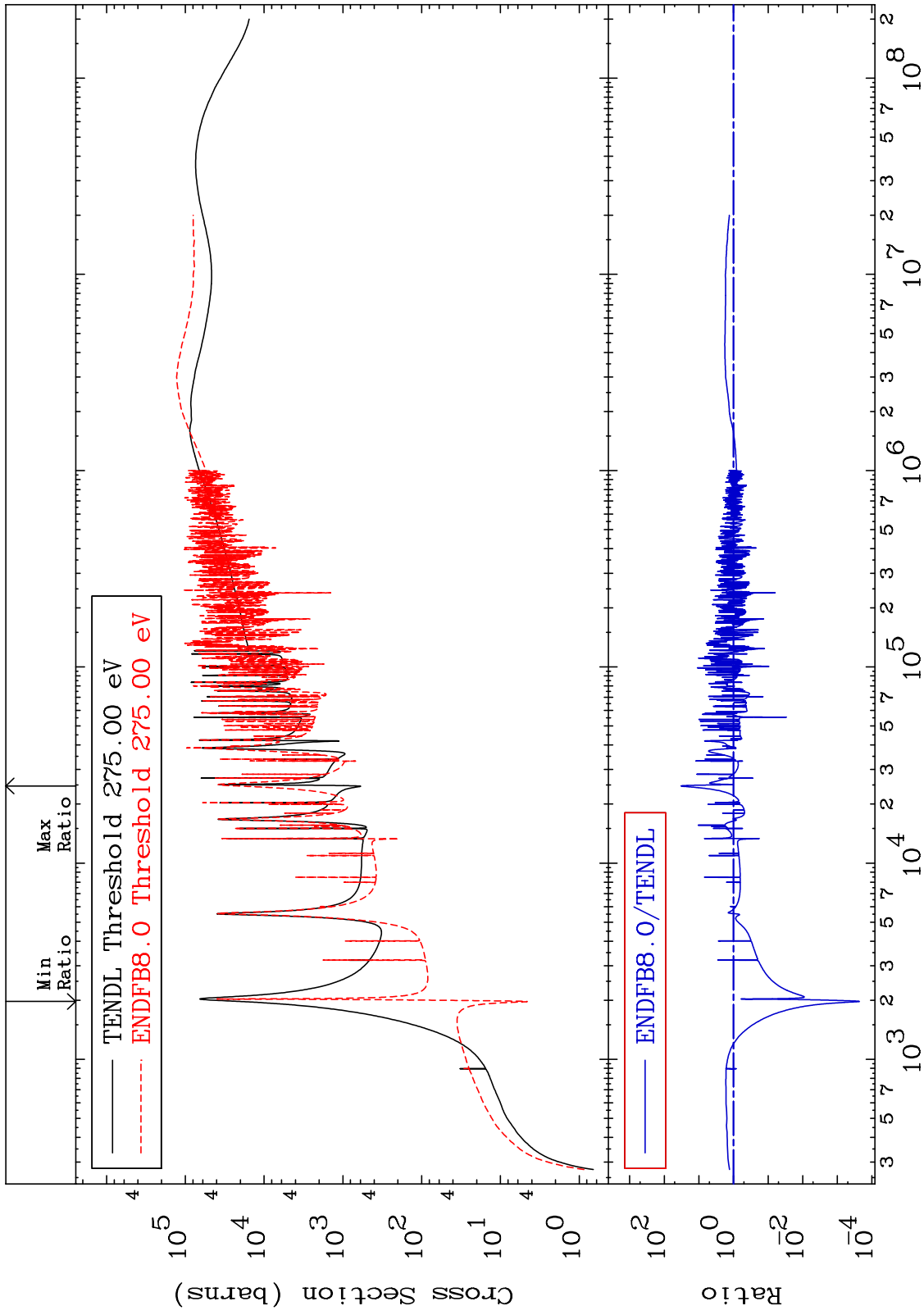




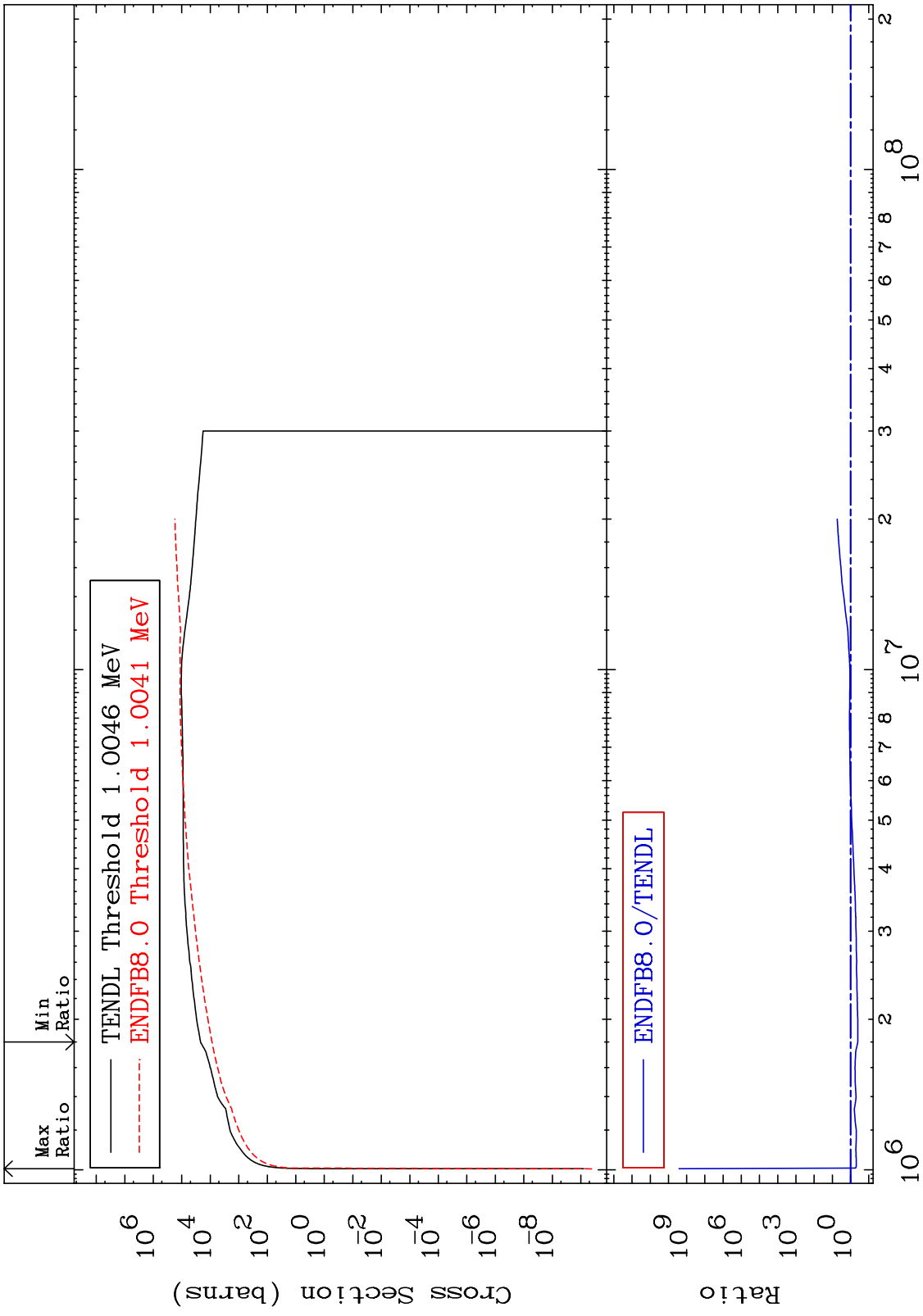
MAT 1931

Dpa elastic (mt2)  
Cross Section

19-K -41  
-99.98 To 3223. %



MAT 1931      Dpa inelastic (mt51-91)      19-K -41  
 Cross Section      -60.27 To 9999. %



25      Incident Energy (eV)      19-K -41

MAT 1931 Dpa disappearance (mt102 -120) 19-K -41  
 Cross Section -98.74 To 9999. %

