

Program Complot  
(Version 2018-1)

by

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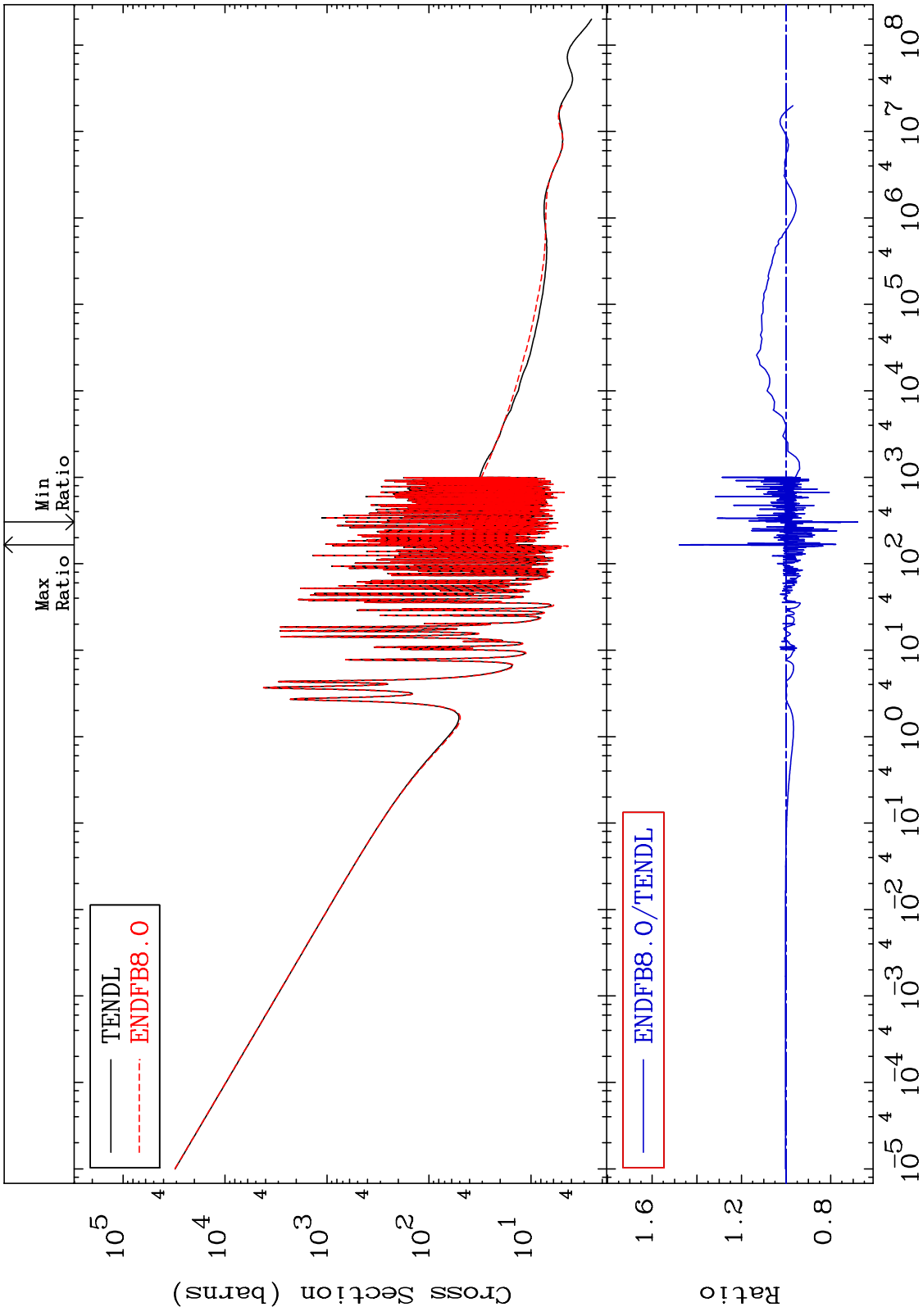
U.S.A.

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

Press Mouse Button to Start

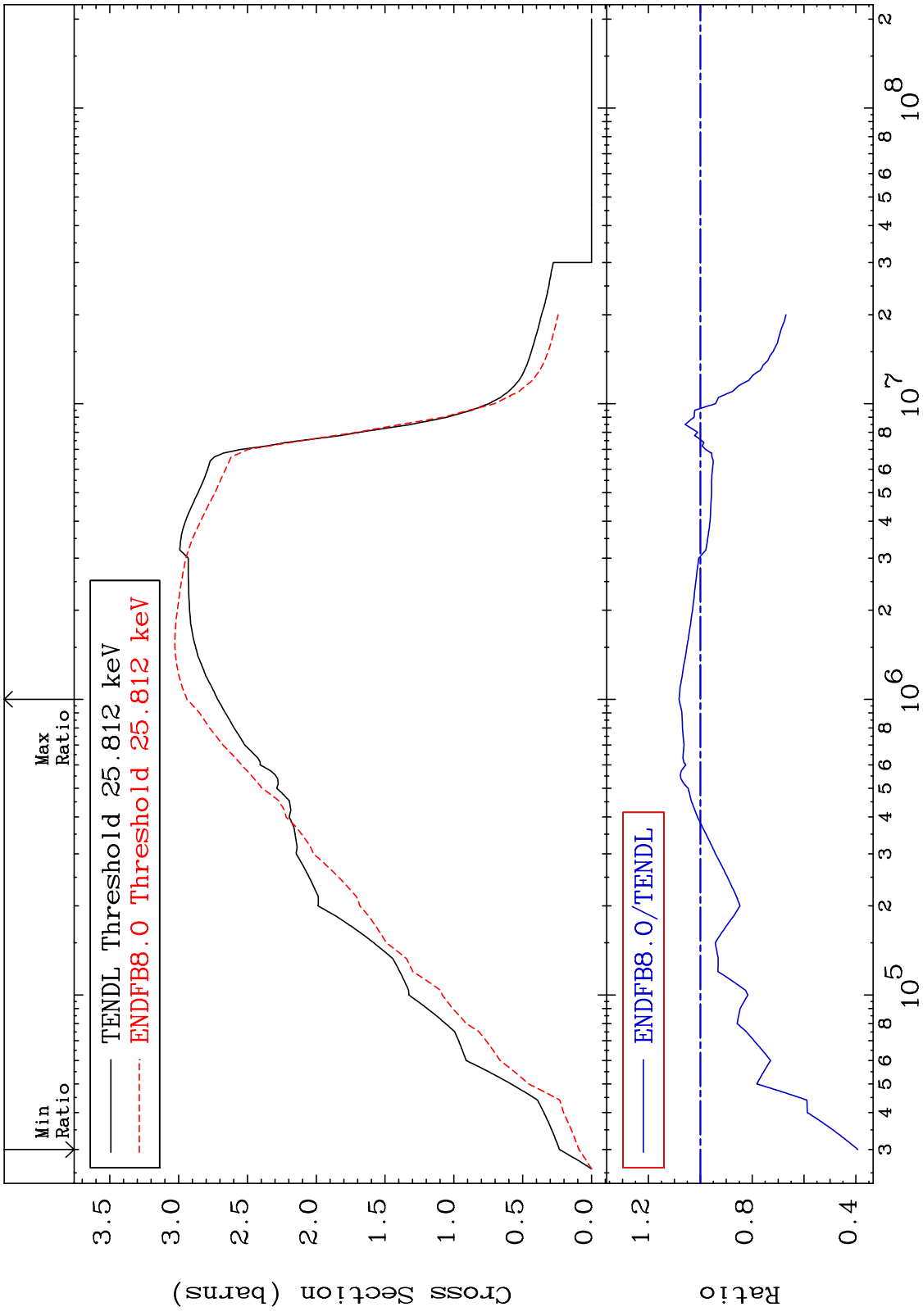
MAT 6640 Total Cross Section 66-Dy-161  
-32.12 To 47.97 %



1 Incident Energy (eV) 66-Dy-161



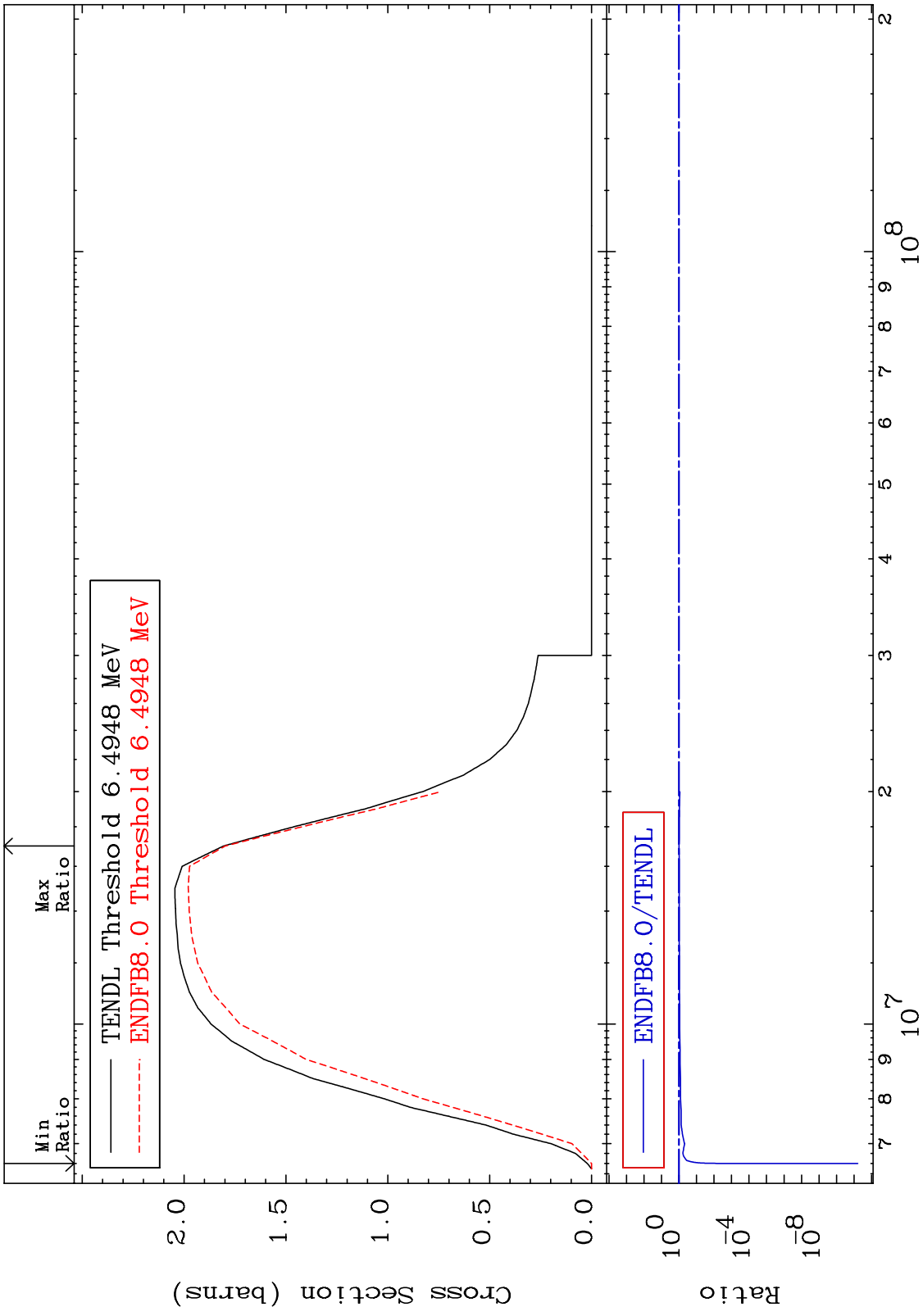
MAT 6640 Inelastic Cross Section 66-Dy-161 -60.74 To 8.203 %



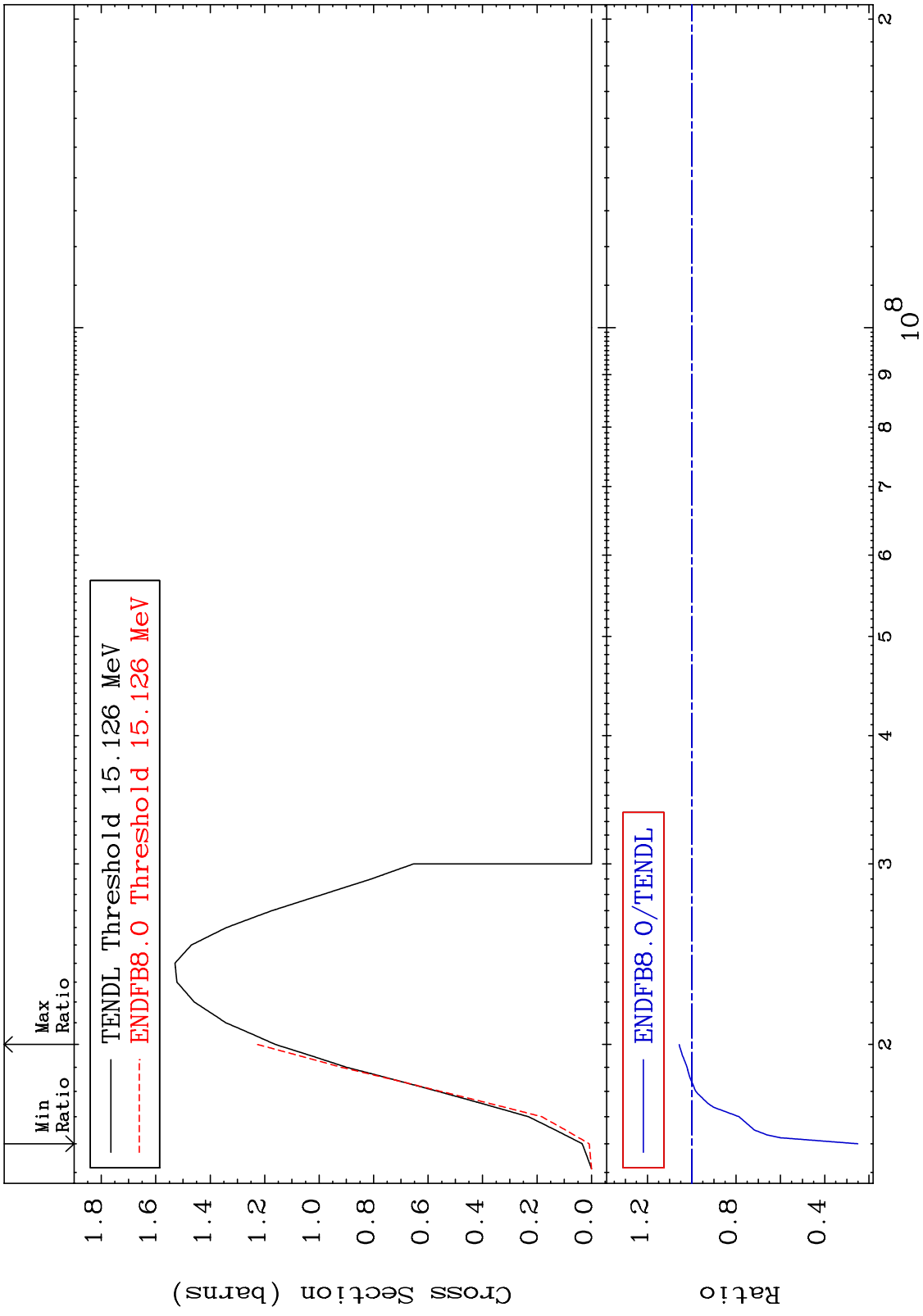
3 66-Dy-161

MAT 6640 66-Dy-161  
-100.0 To -0.455%

(n,2n)  
 Cross Section



MAT 6640 (n,3n) Cross Section 66-Dy-161  
 -74.96 To 5.763 %



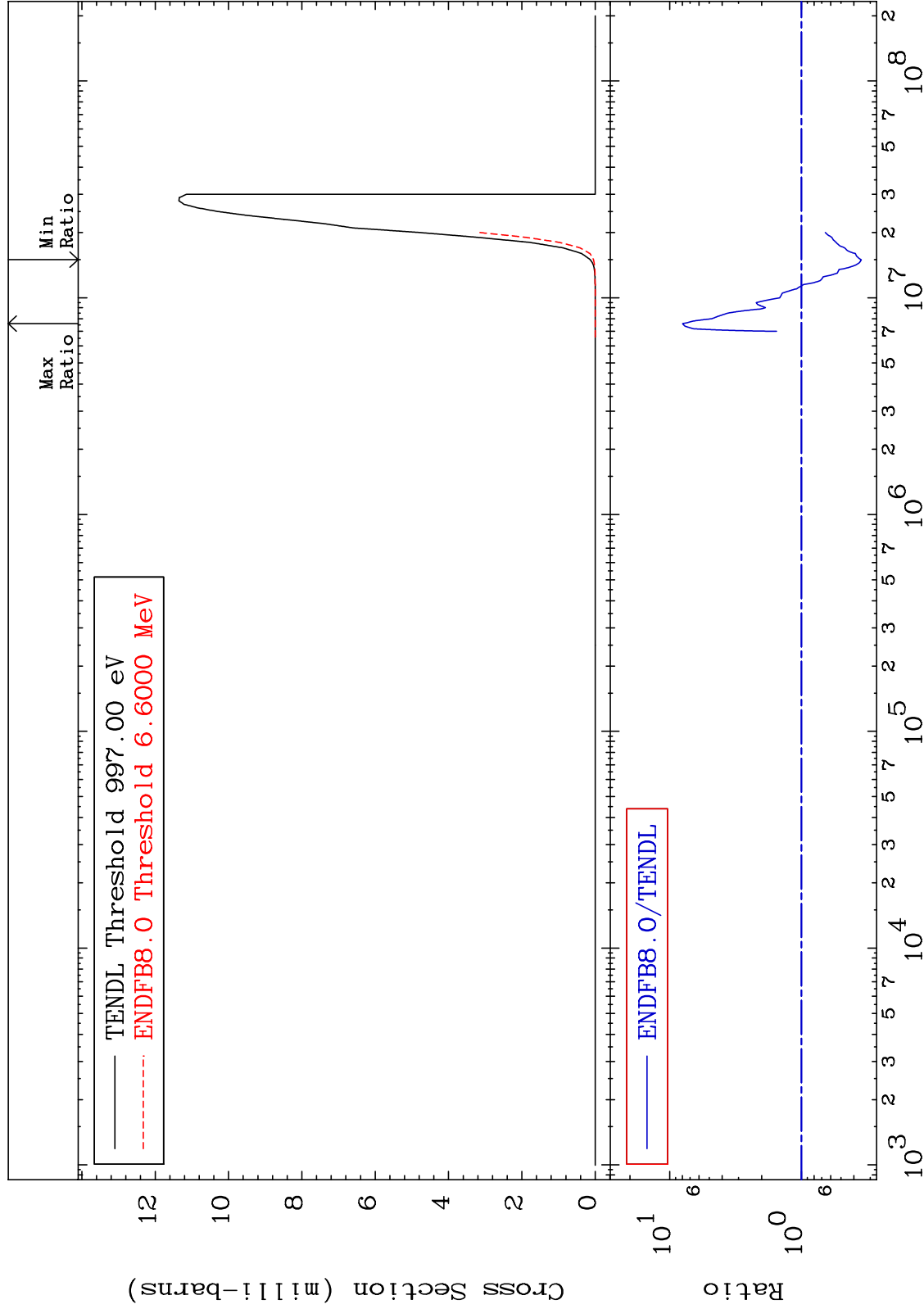
MAT 6640

(n, n')  $\alpha$

Cross Section

66-Dy-161

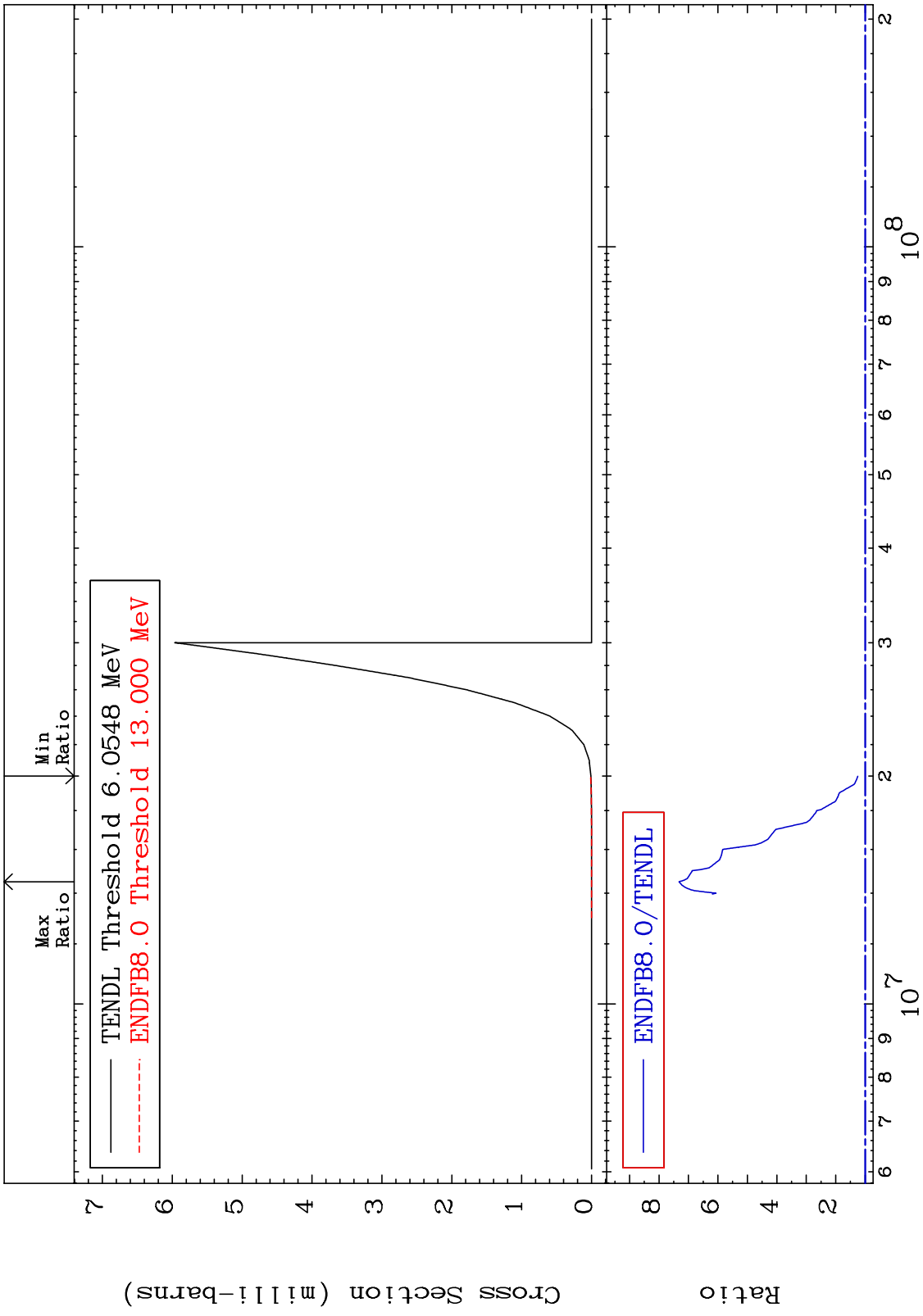
-64.93 To 696.9 %



66-Dy-161

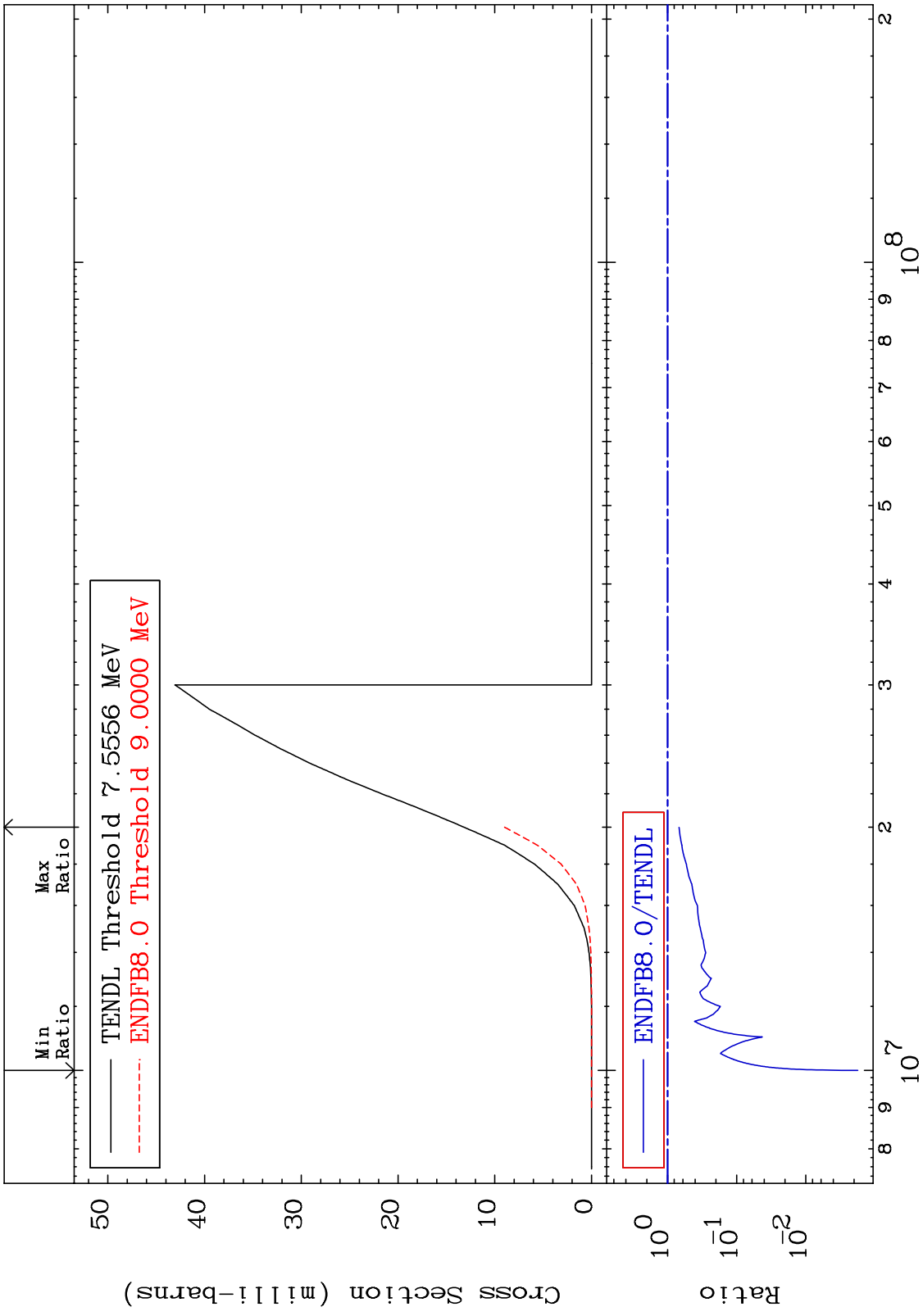
66-Dy-161

MAT 6640  $(n, 2n) \alpha$  66-Dy-161  
 Cross Section 24.73 To 632.1 %

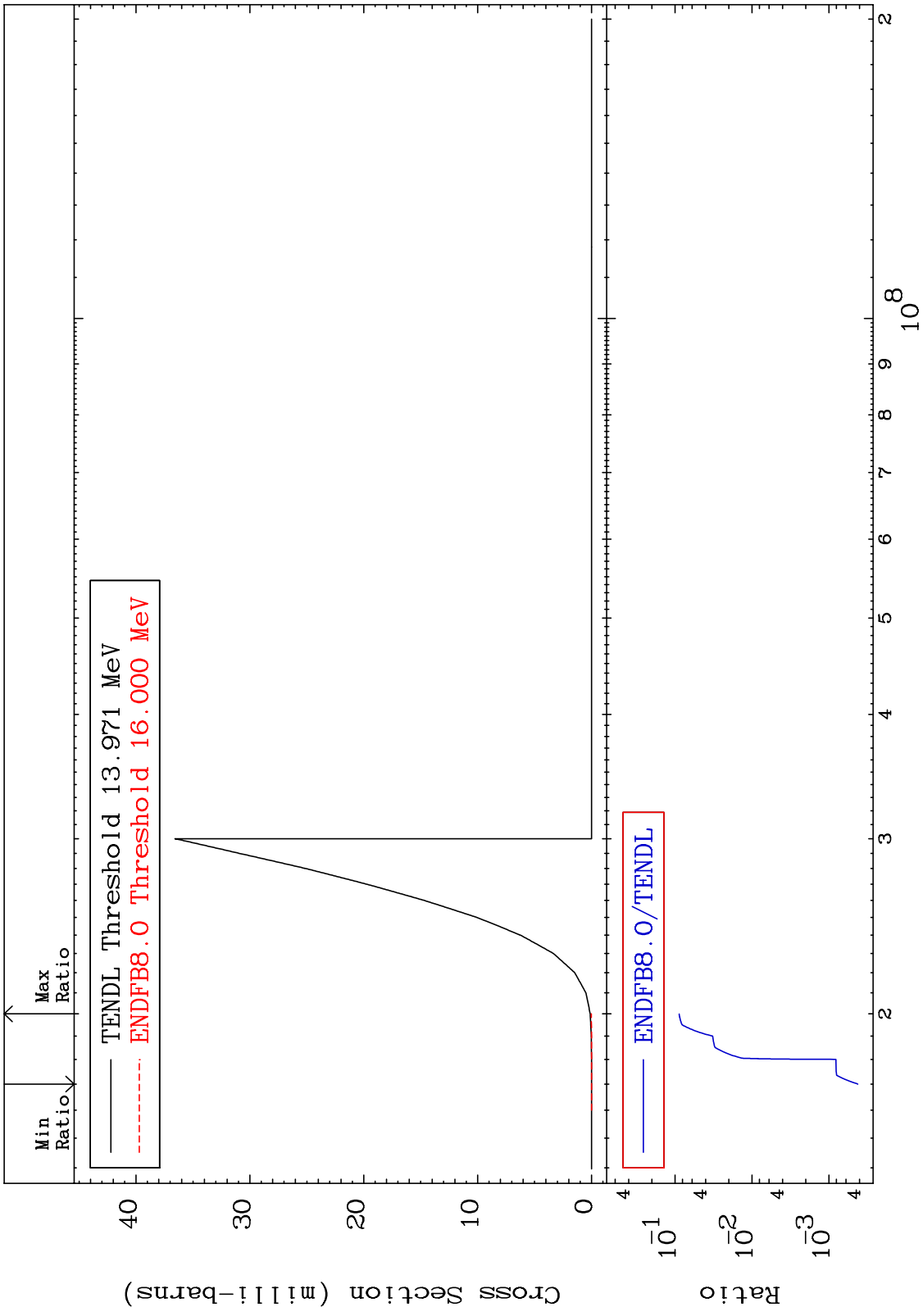


66-Dy-161  
 Incident Energy (eV)

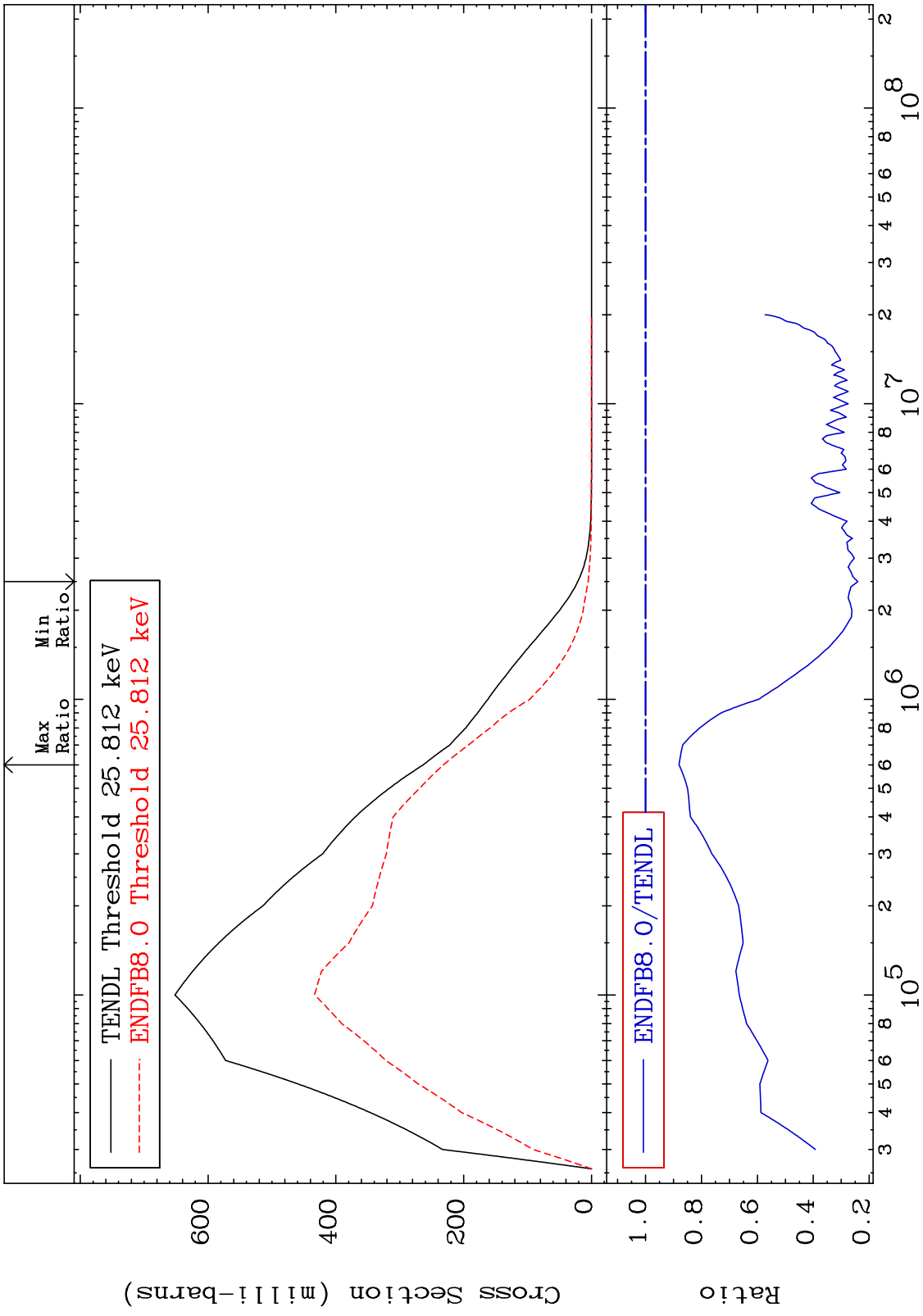
MAT 6640  $(n, n')$  p  $^{66}\text{Dy-161}$   
 Cross Section  $-99.82\%$  To  $-31.82\%$



MAT 6640 (n,2n) p 66-Dy-161  
 Cross Section -99.96 To -91.13%

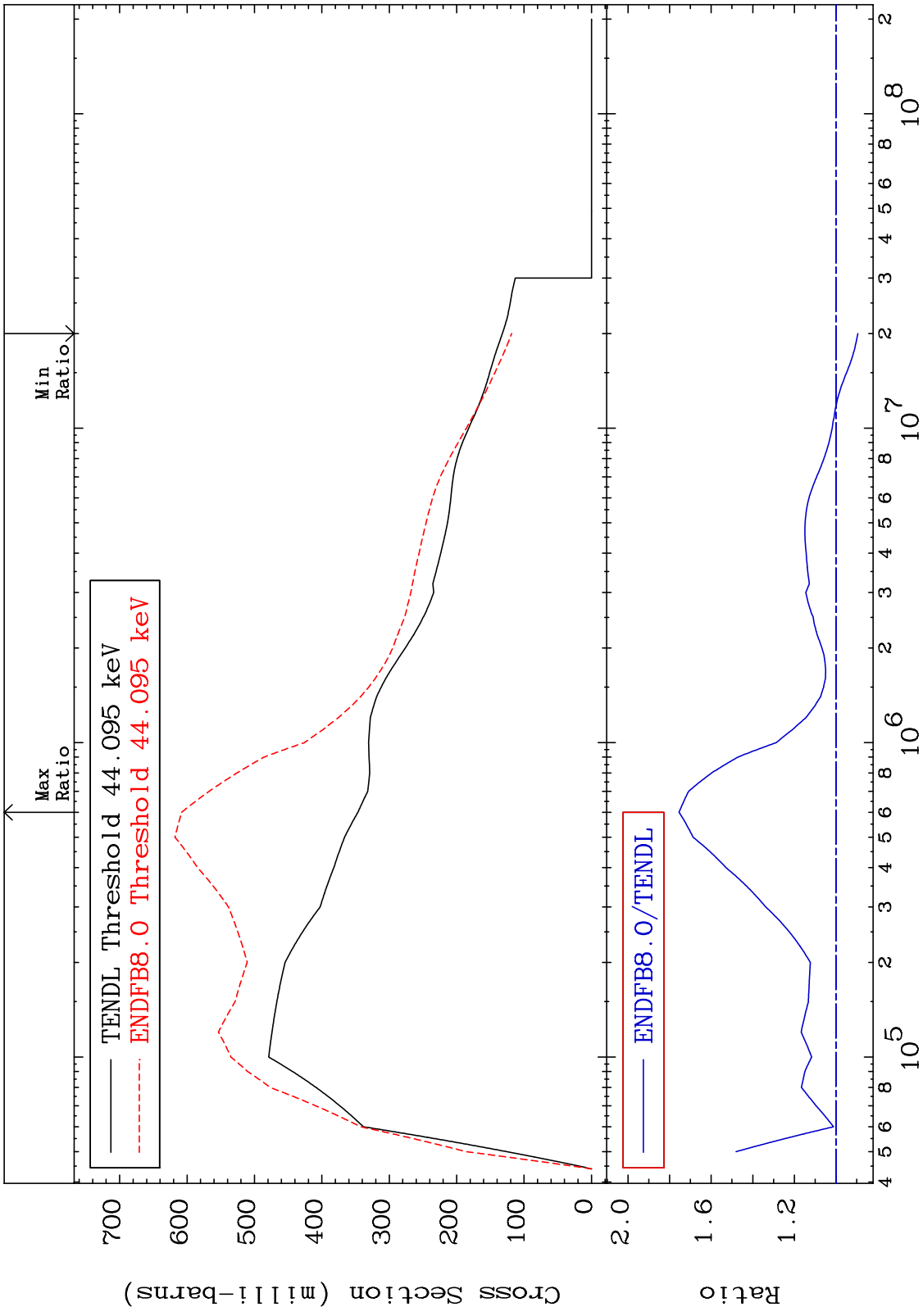


MAT 6640 MT= 51 (n,n') Level Cross Section 66-Dy-161  
 -75.93 To -11.97%

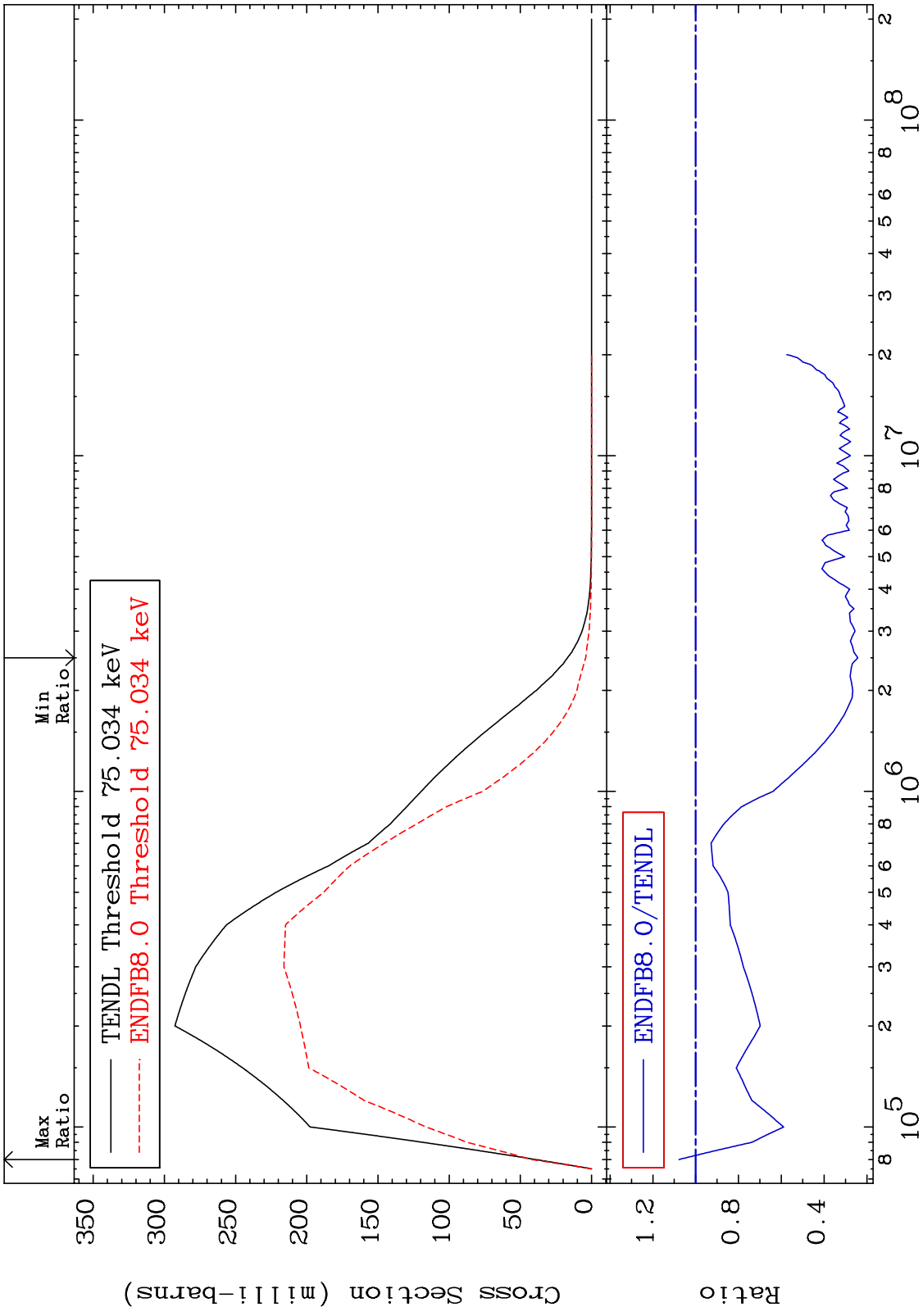


10 Incident Energy (eV) 66-Dy-161

MAT 6640      MT= 52 (n,n') Level Cross Section      66-Dy-161  
 -10.52 To 75.45 %

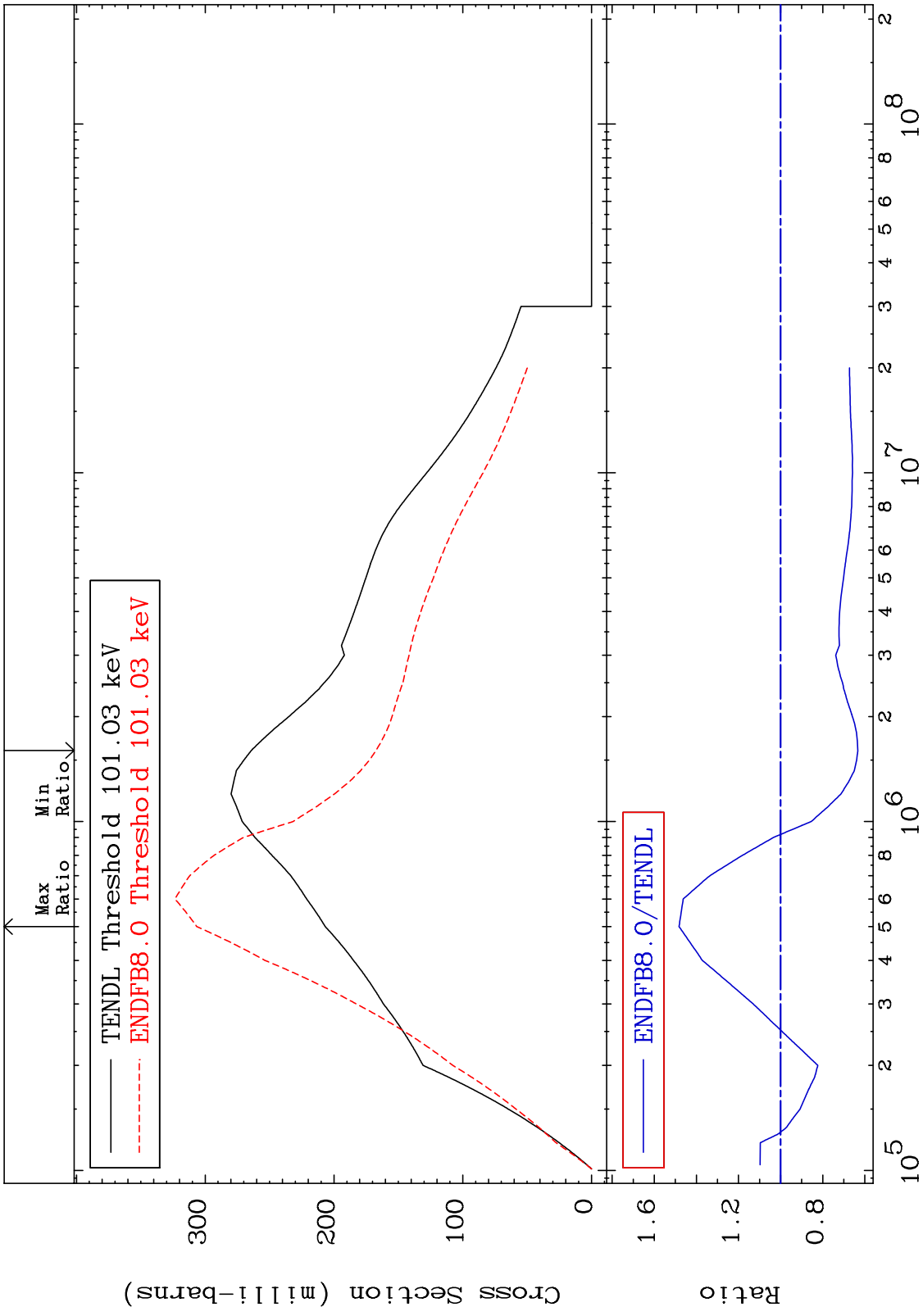


MAT 6640 MT= 53 (n,n') Level Cross Section 66-Dy-161  
 -75.75 To 7.768 %



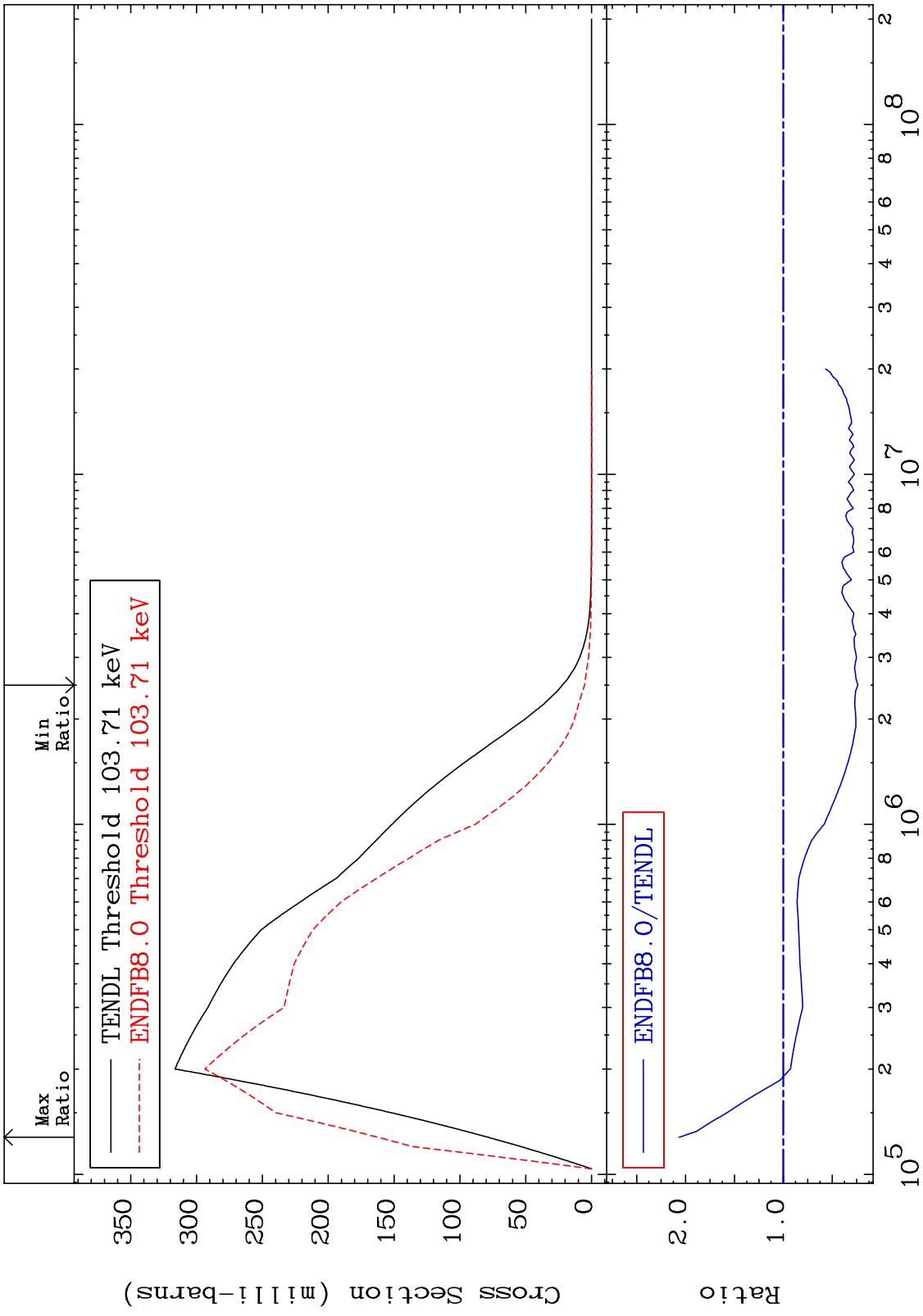
12 Incident Energy (eV) 66-Dy-161

MAT 6640 MT= 54 (n,n') Level Cross Section 66-Dy-161  
 -36.68 To 48.23 %



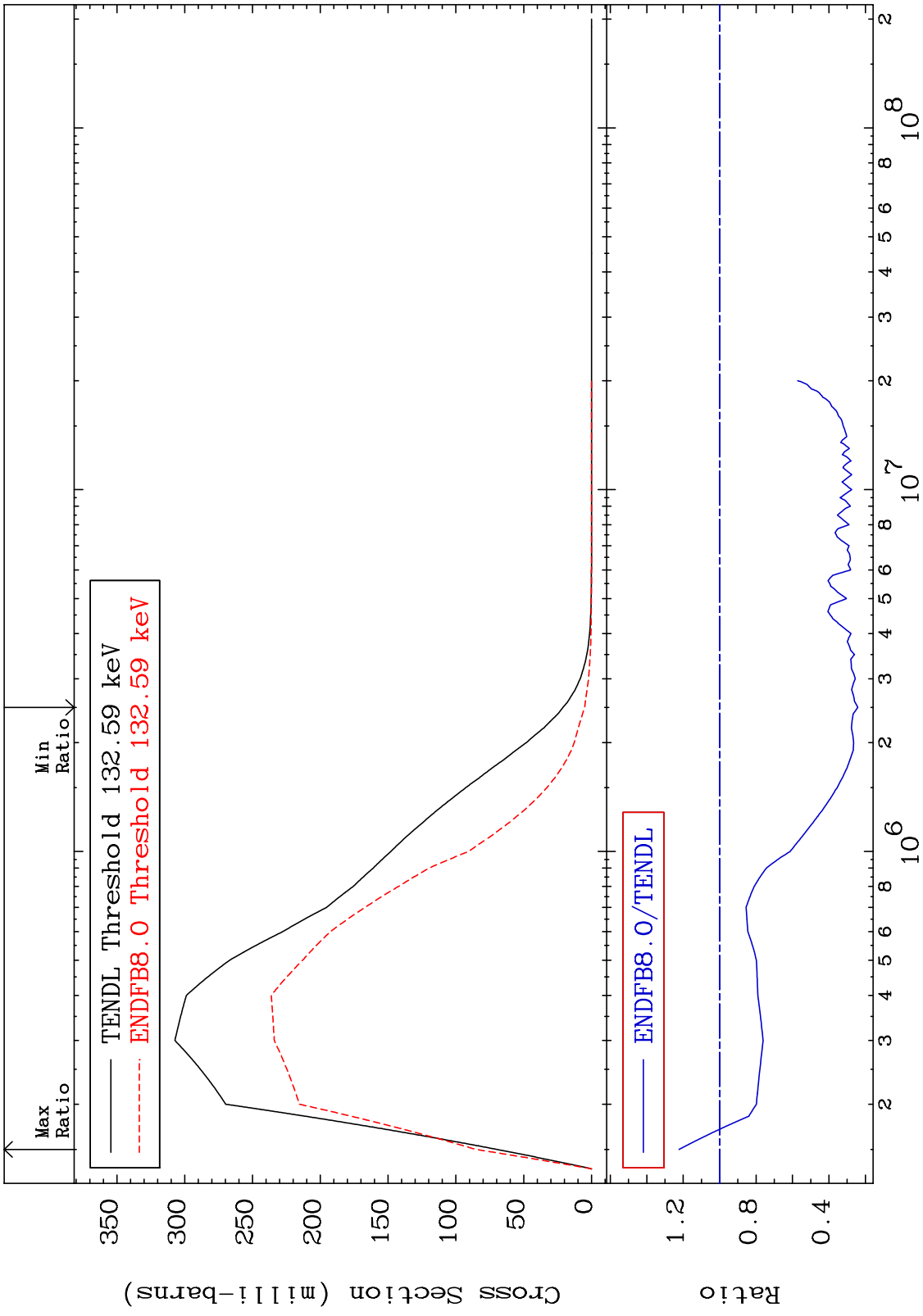
13 Incident Energy (eV) 66-Dy-161

MAT 6640      MT= 55 (n,n') Level      66-Dy-161  
 Cross Section      -76.21 To 106.7 %

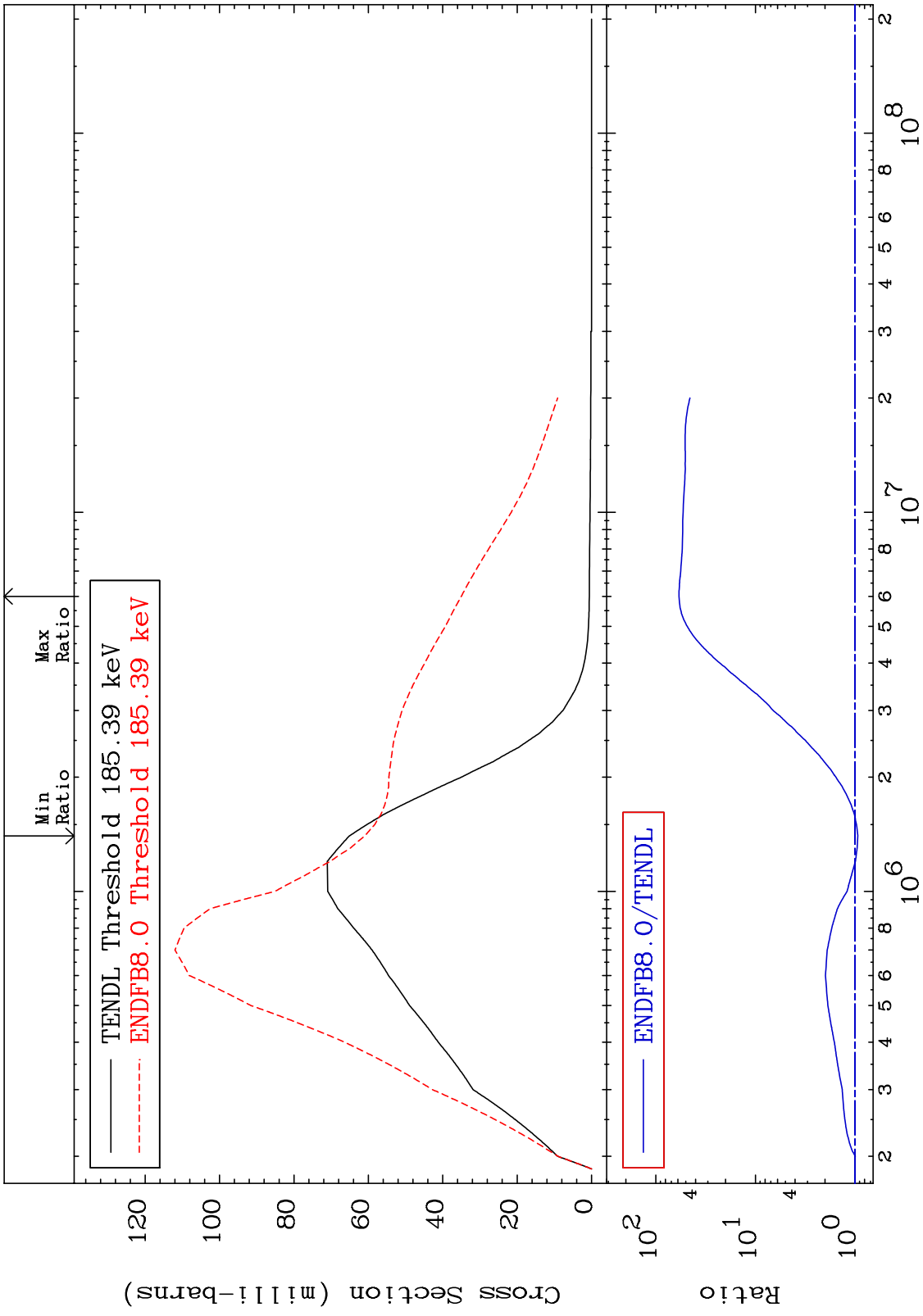


14      Incident Energy (eV)      66-Dy-161

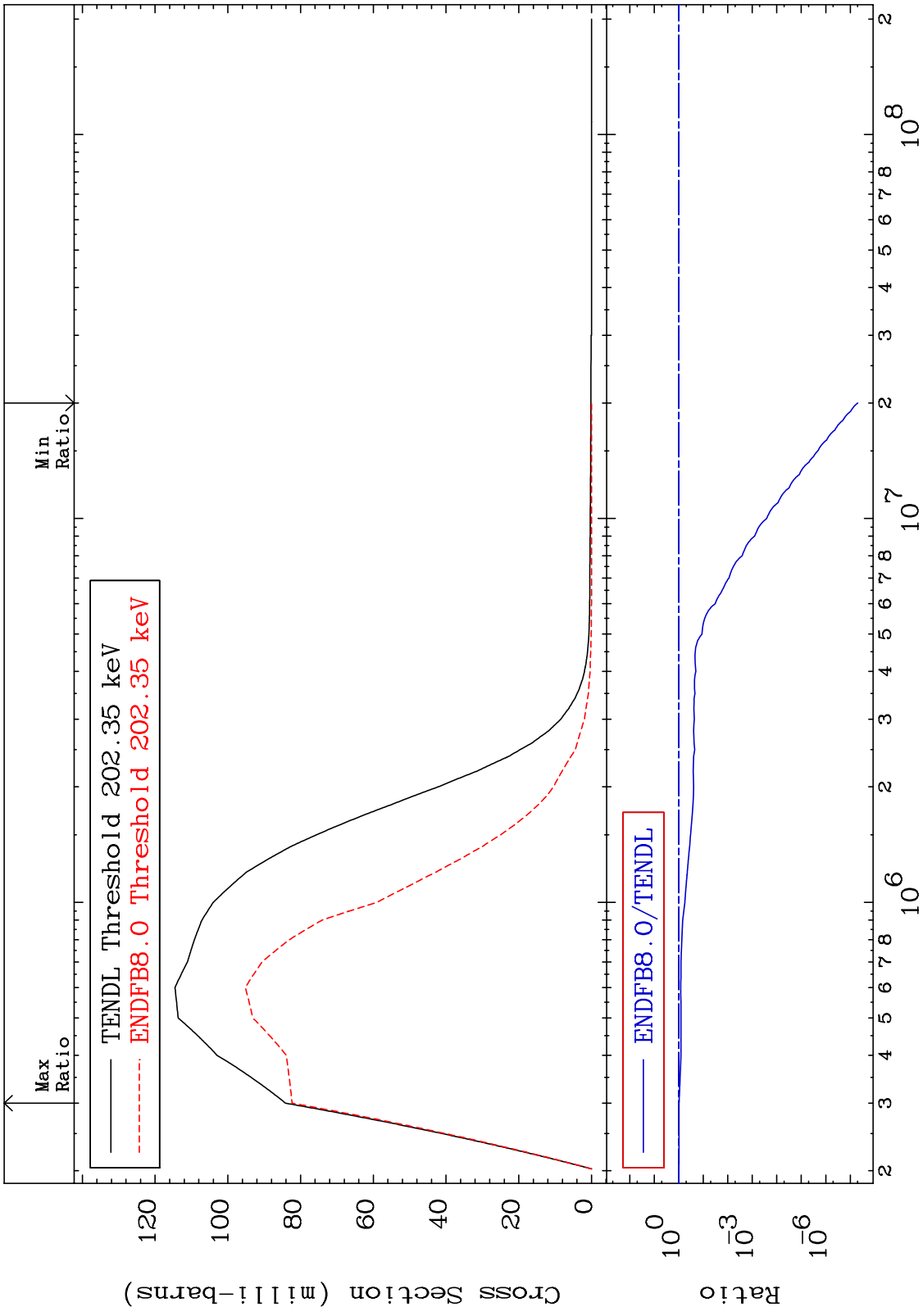
MAT 6640 MT= 56 (n,n') Level Cross Section 66-Dy-161  
 -75.87 To 22.27 %



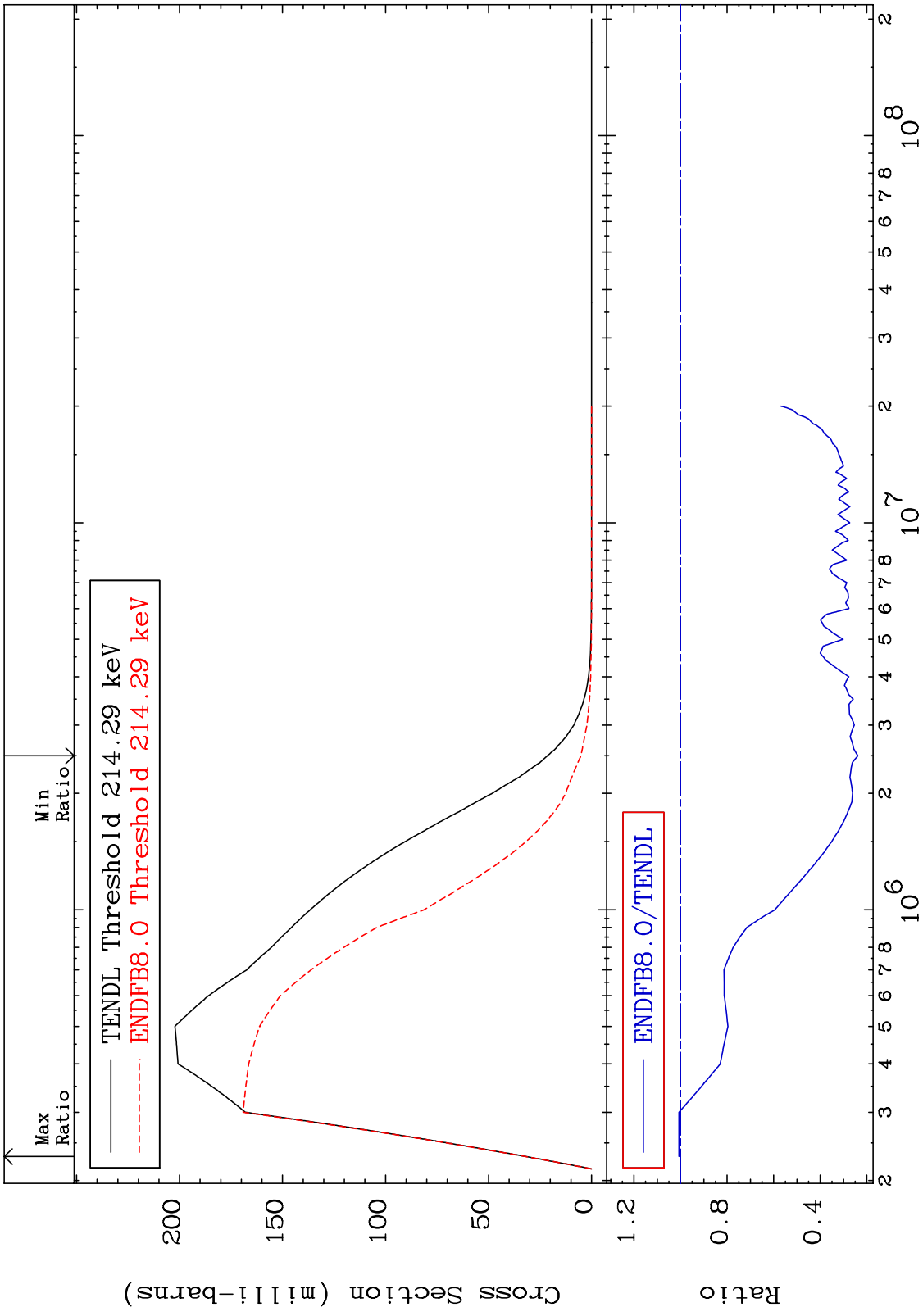
MAT 6640      MT= 57 (n,n') Level      66-Dy-161  
 Cross Section      -6.384 To 5751. %



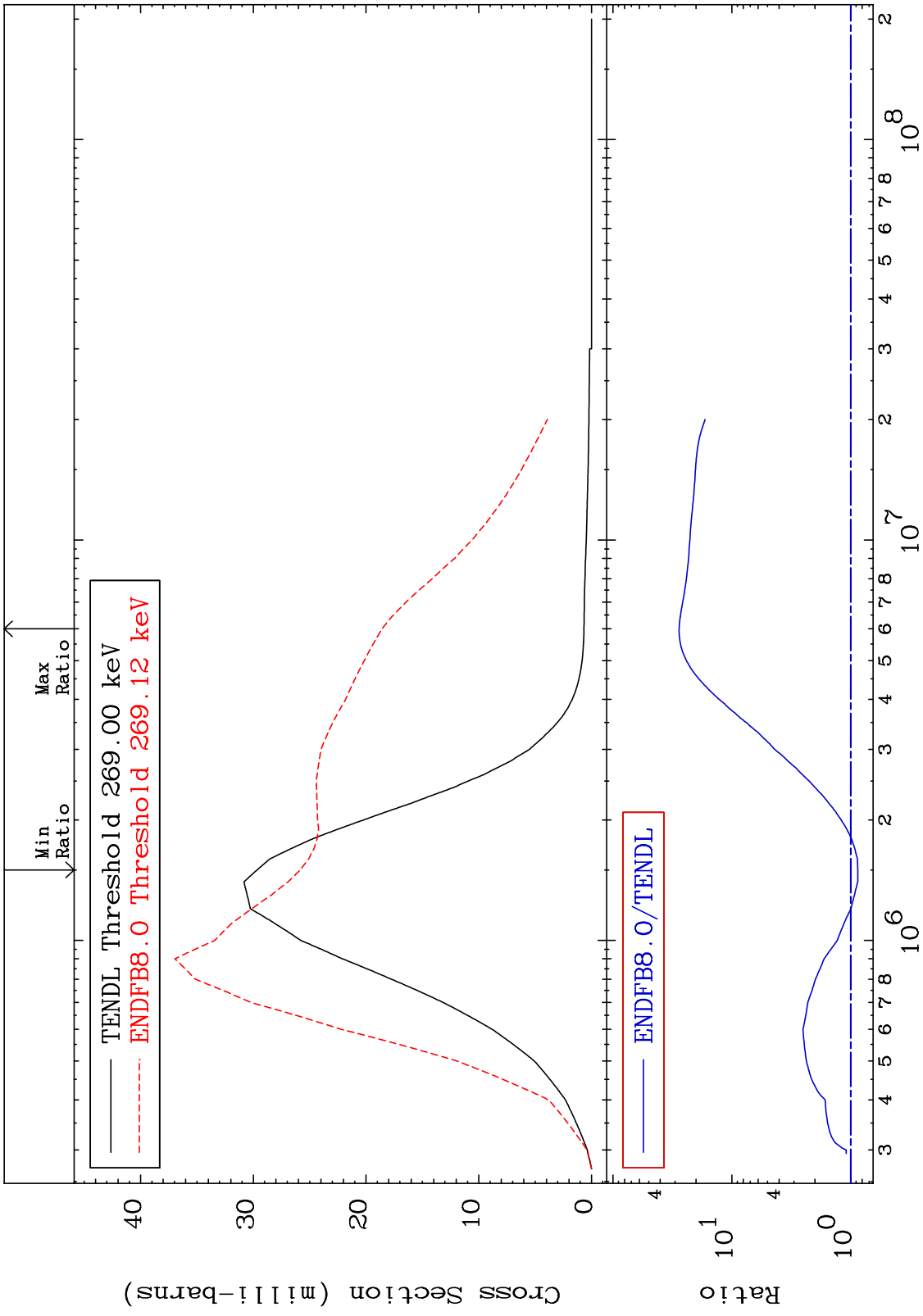
MAT 6640 MT= 58 (n,n') Level Cross Section 66-Dy-161  
 -100.0 To -2.148%



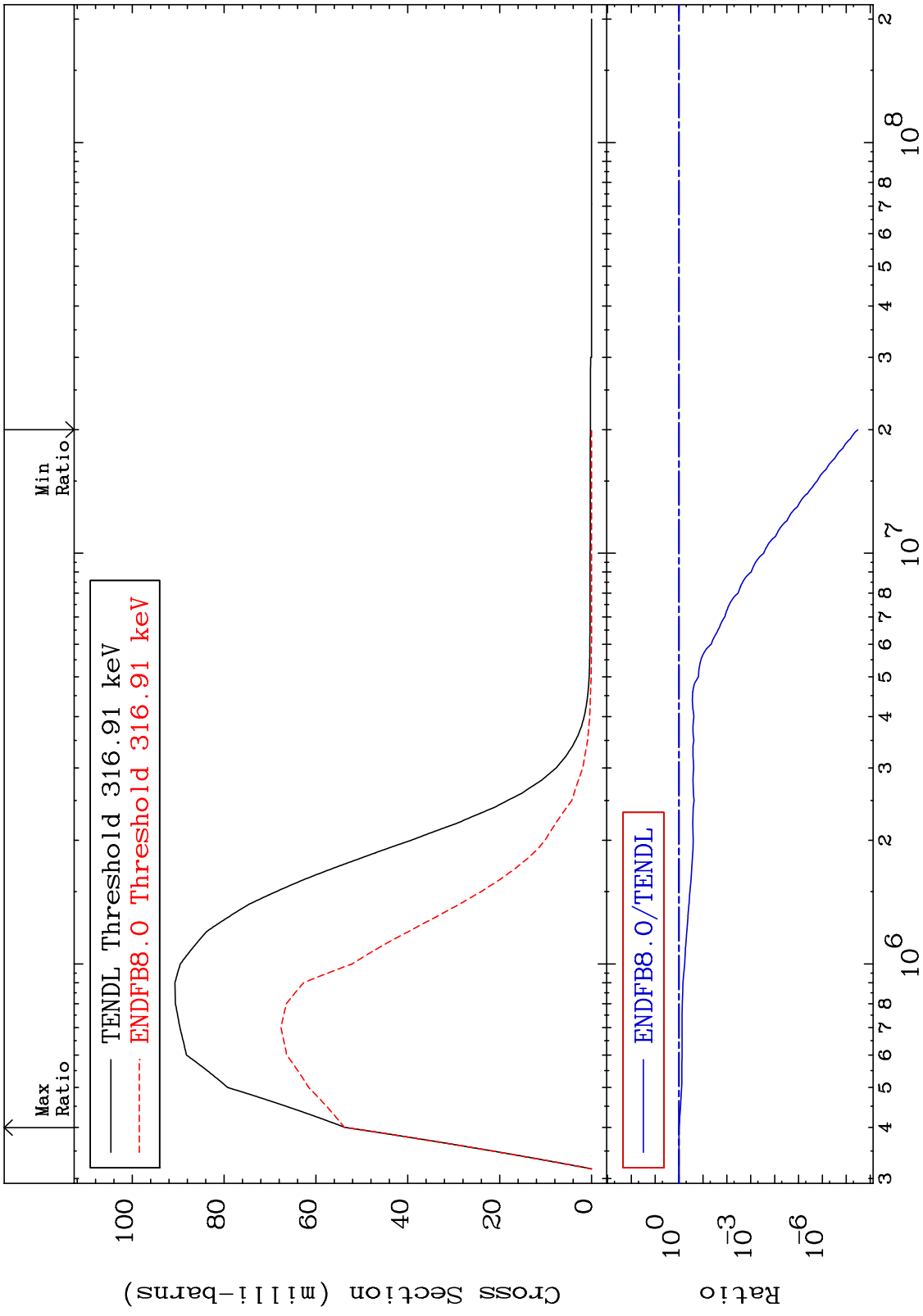
MAT 6640      MT= 59 (n,n') Level Cross Section      66-Dy-161  
 -76.13 To 0.649 %



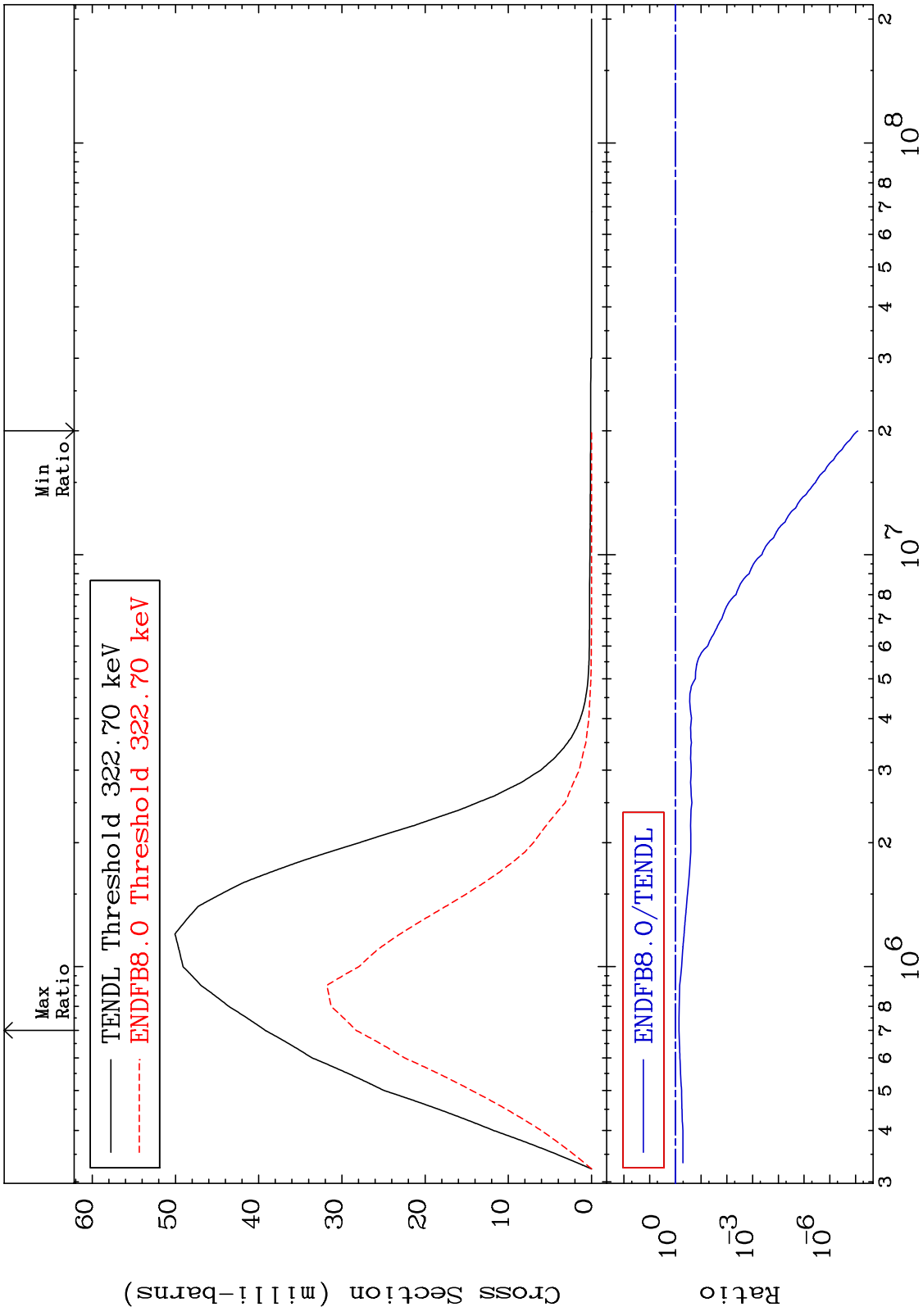
MAT 6640      MT= 60 (n,n') Level      66-Dy-161  
 Cross Section      -12.93 To 2679. %



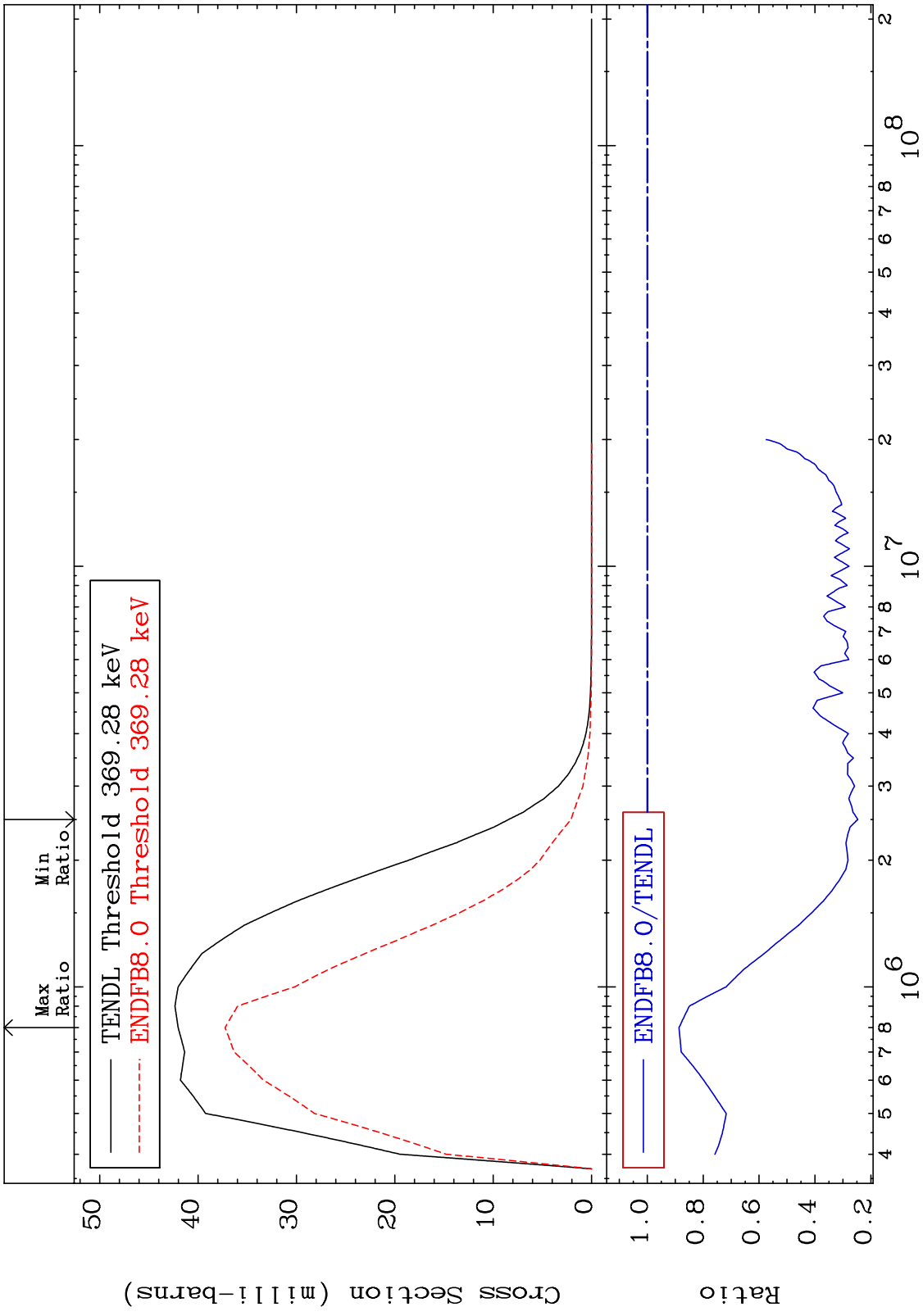
MAT 6640 MT= 61 (n,n') Level Cross Section 66-Dy-161 -100.0 To 0.179 %



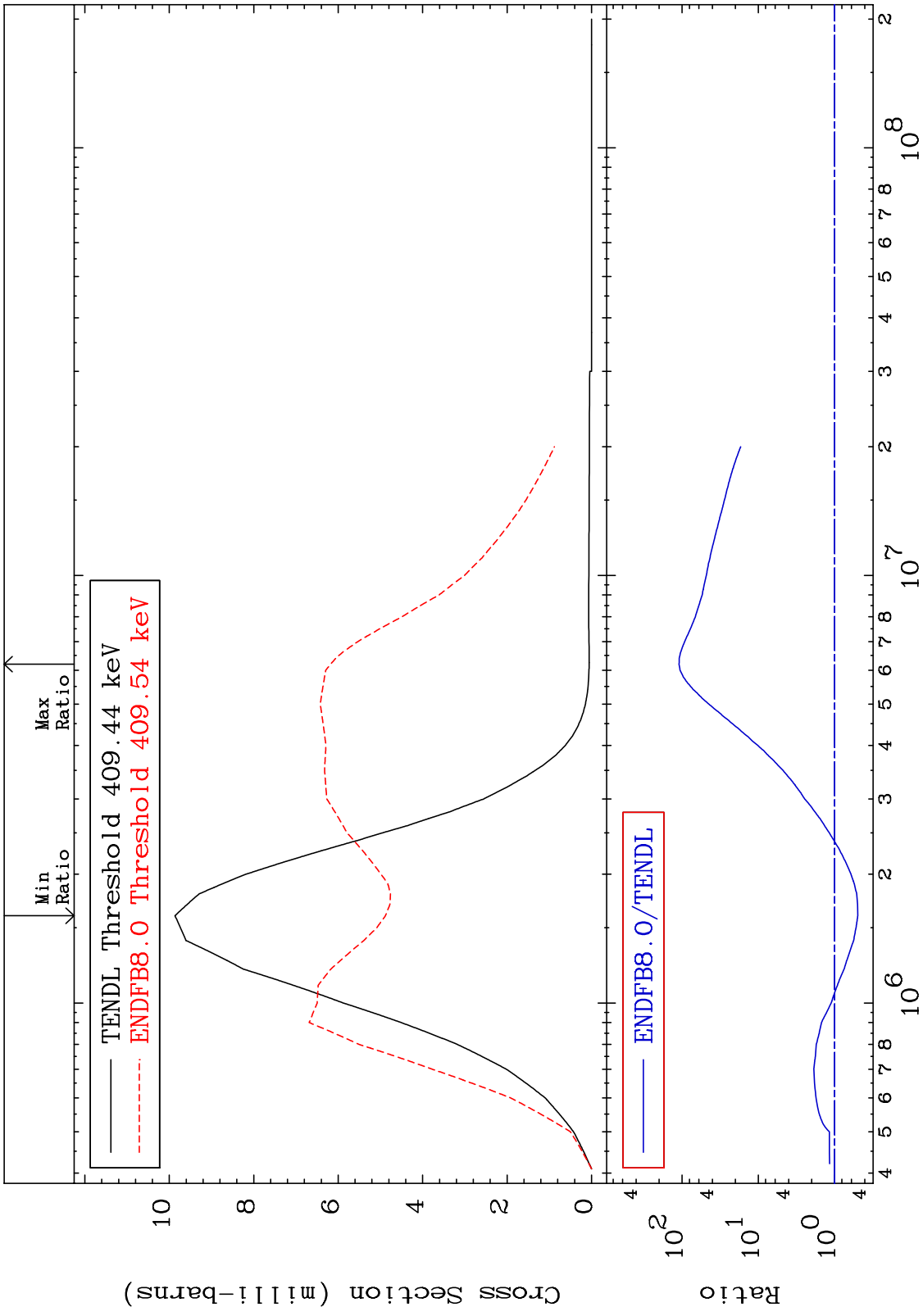
MAT 6640      MT= 62 (n,n') Level Cross Section      66-Dy-161  
 -100.0 To -27.86%



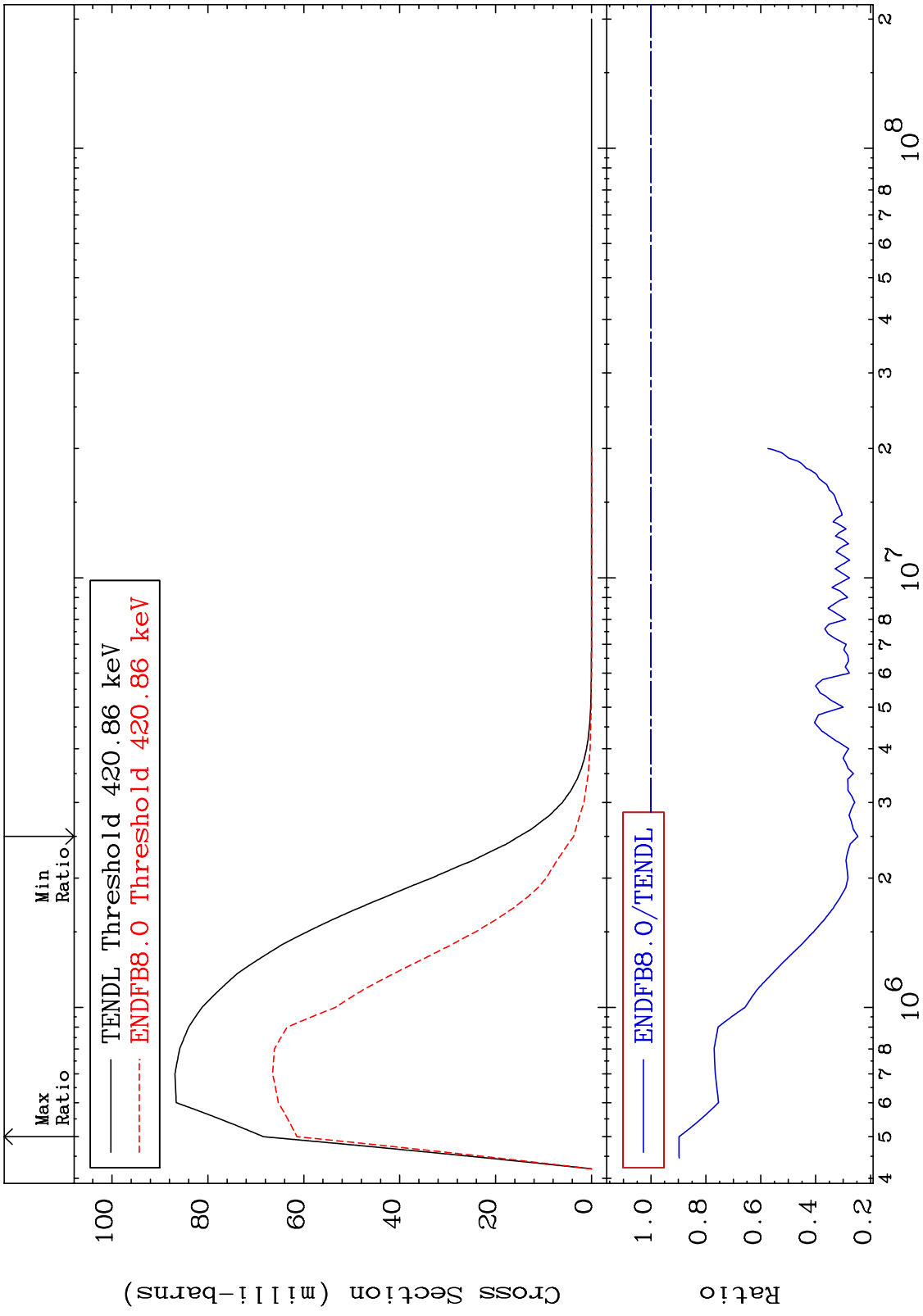
MAT 6640      MT= 63 (n,n') Level      66-Dy-161  
 Cross Section      -75.33 To -11.37%



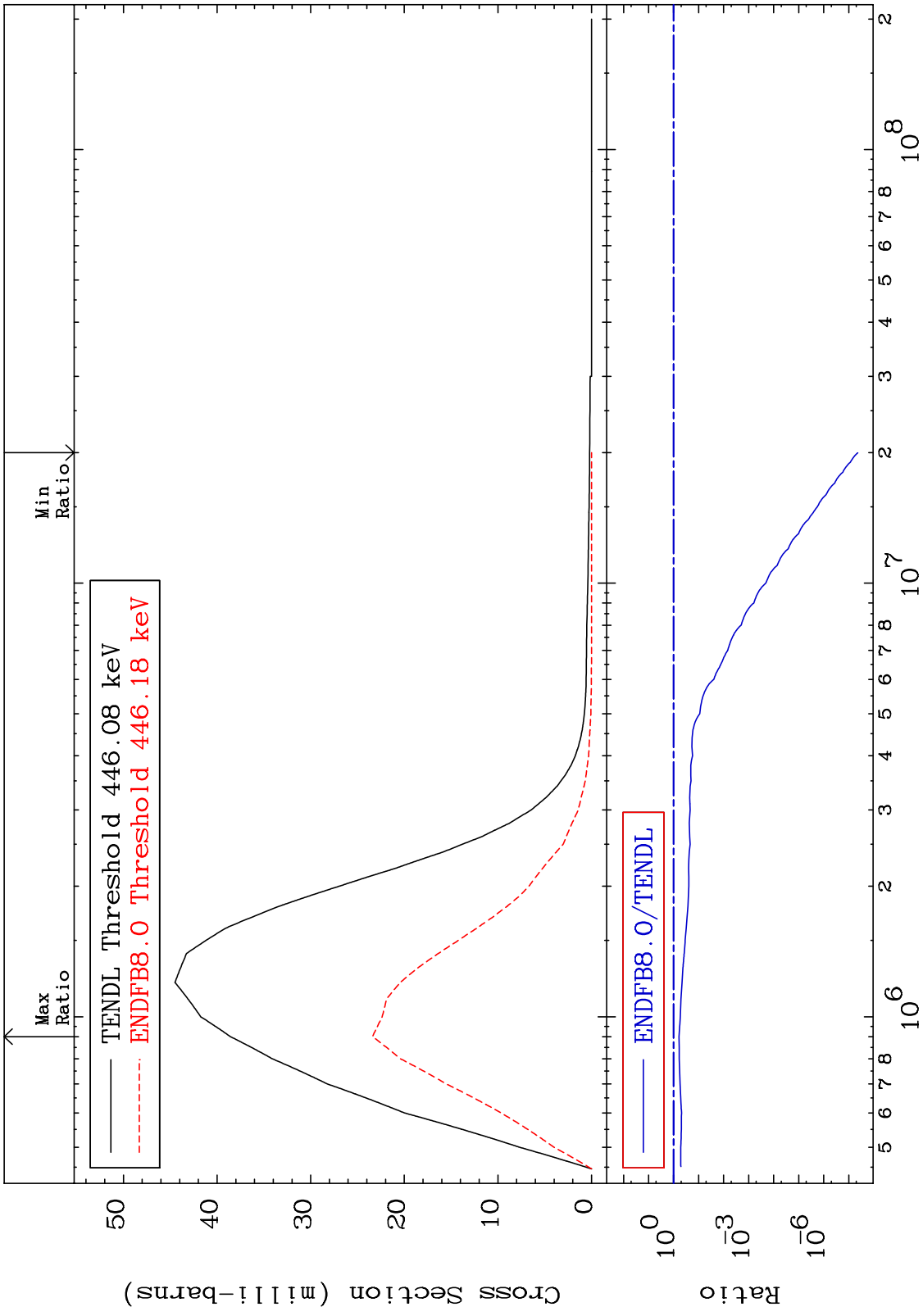
MAT 6640      MT= 64 (n,n') Level Cross Section      66-Dy-161  
 -50.55 To 9999. %



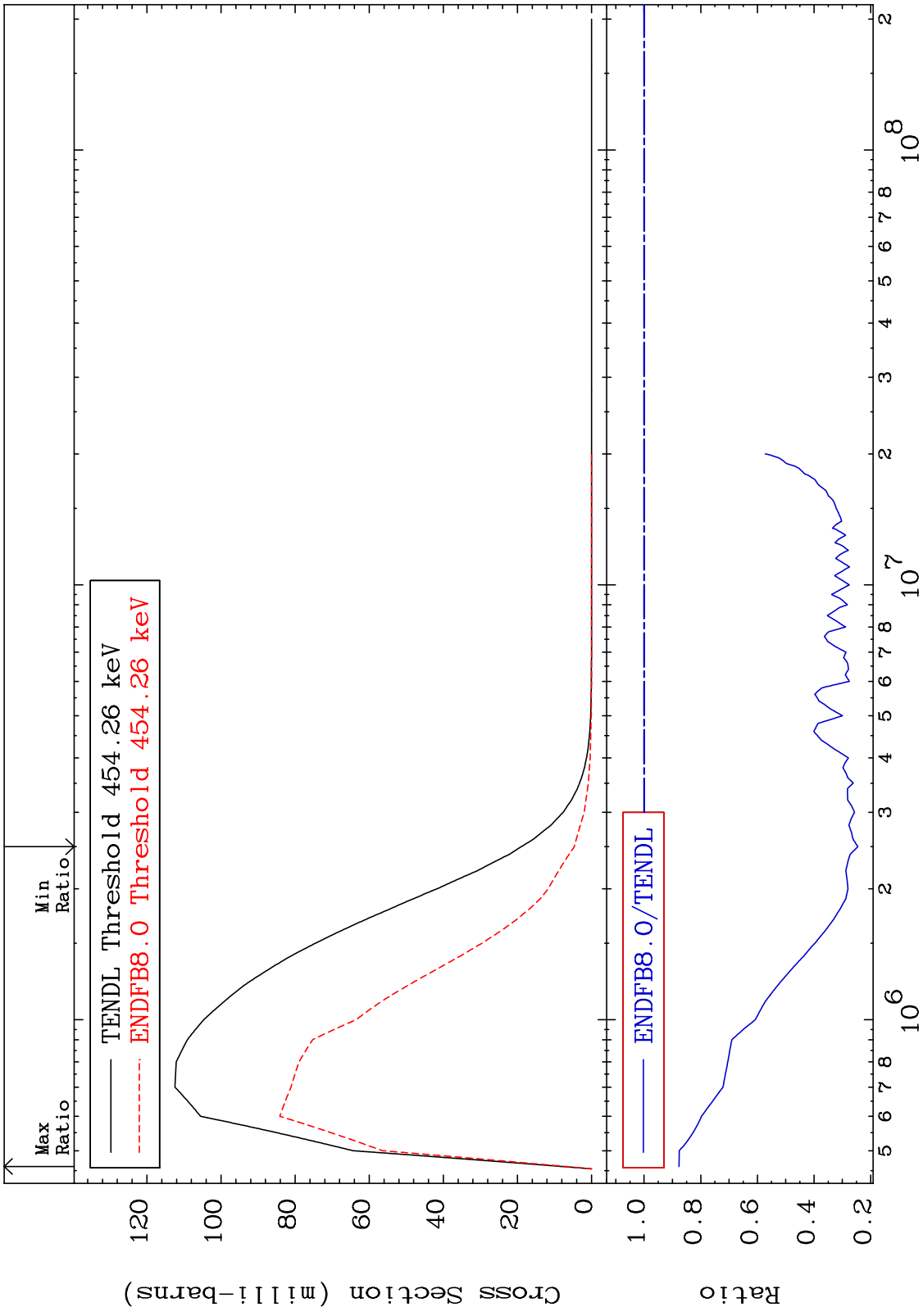
MAT 6640      MT= 65 (n,n') Level      66-Dy-161  
 Cross Section      -75.35 To -10.24%



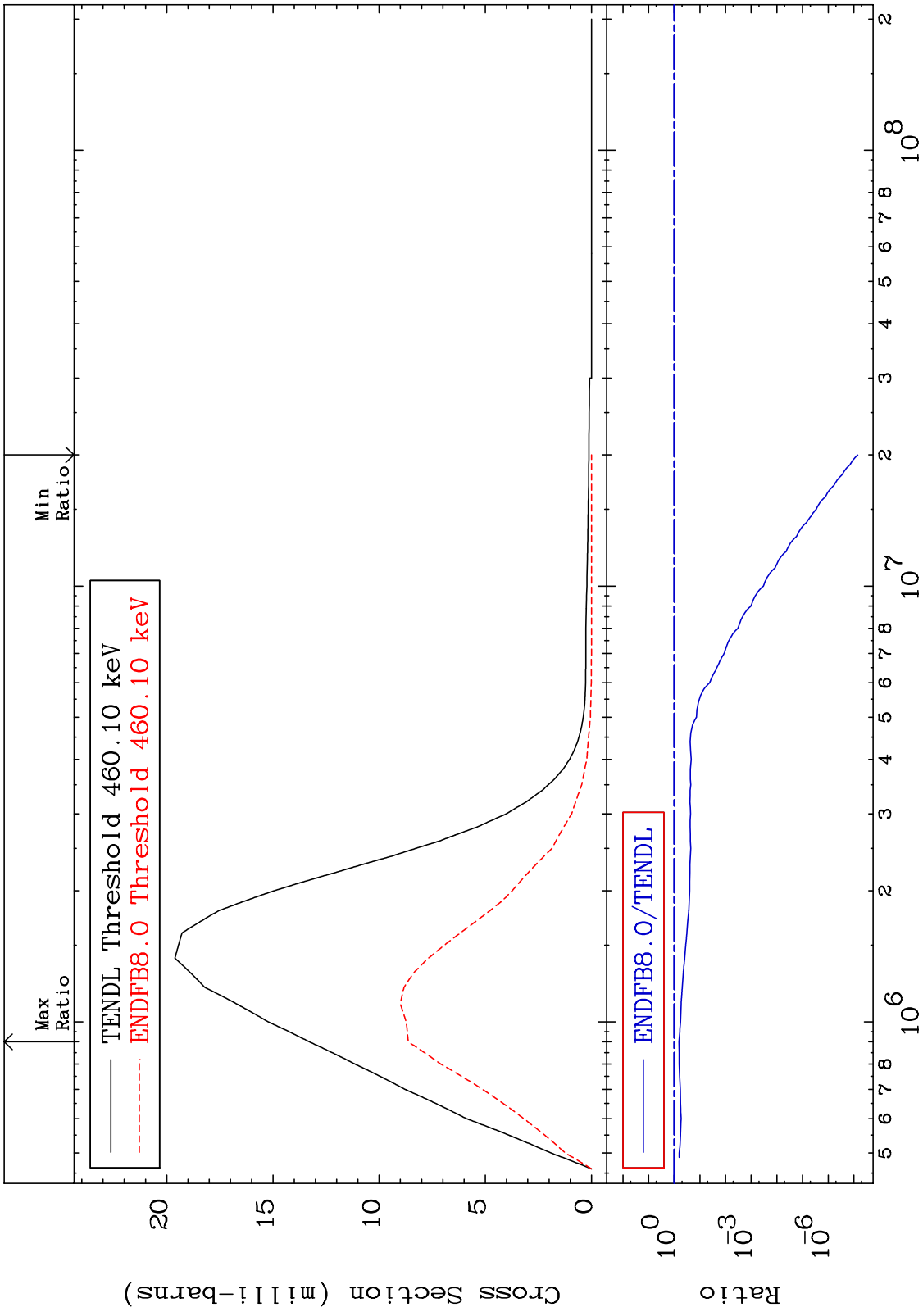
MAT 6640 MT= 66 (n,n') Level Cross Section 66-Dy-161  
 -100.0 To -39.35%



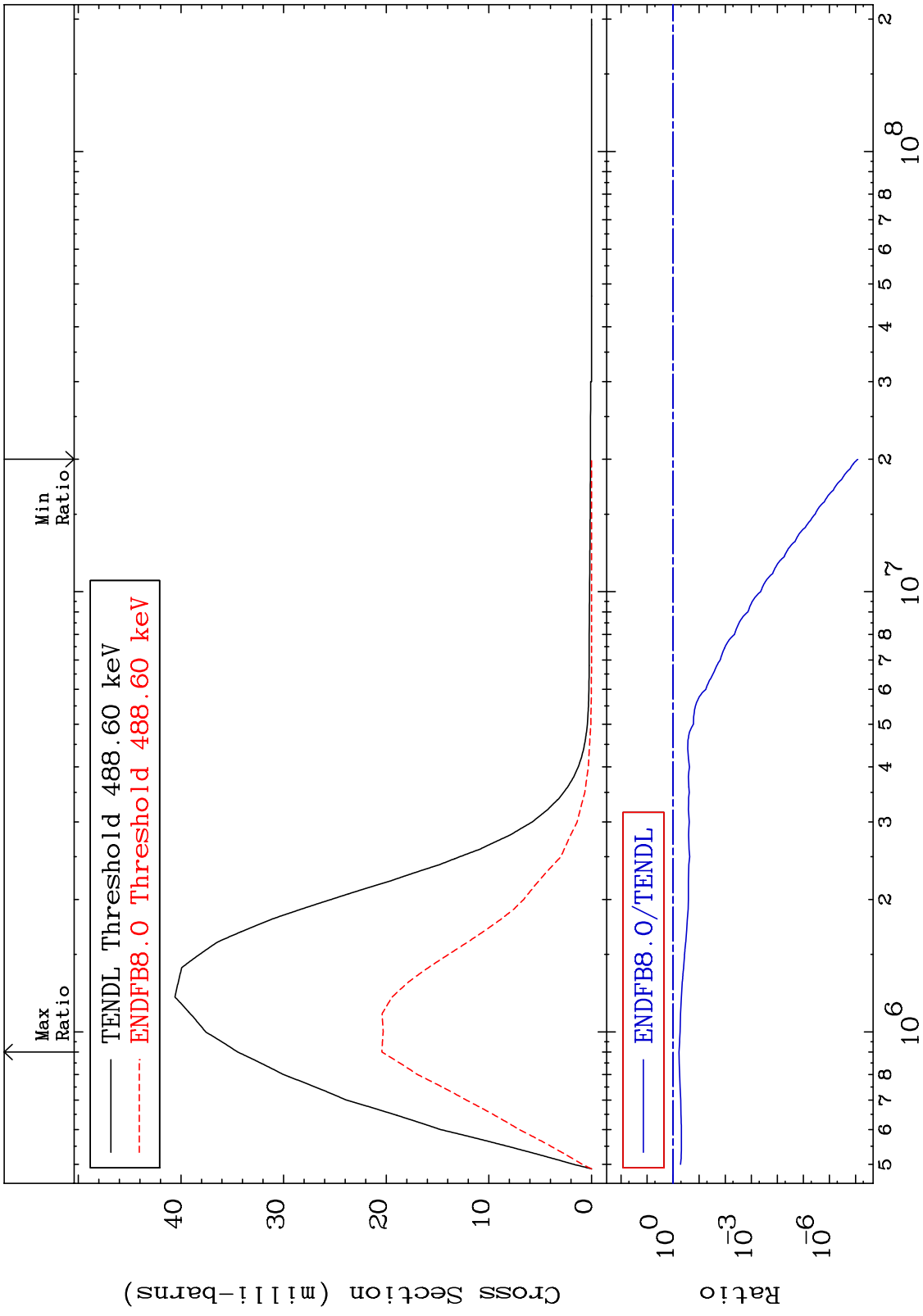
MAT 6640 MT= 67 (n,n') Level Cross Section 66-Dy-161  
 -75.47 To -12.34%



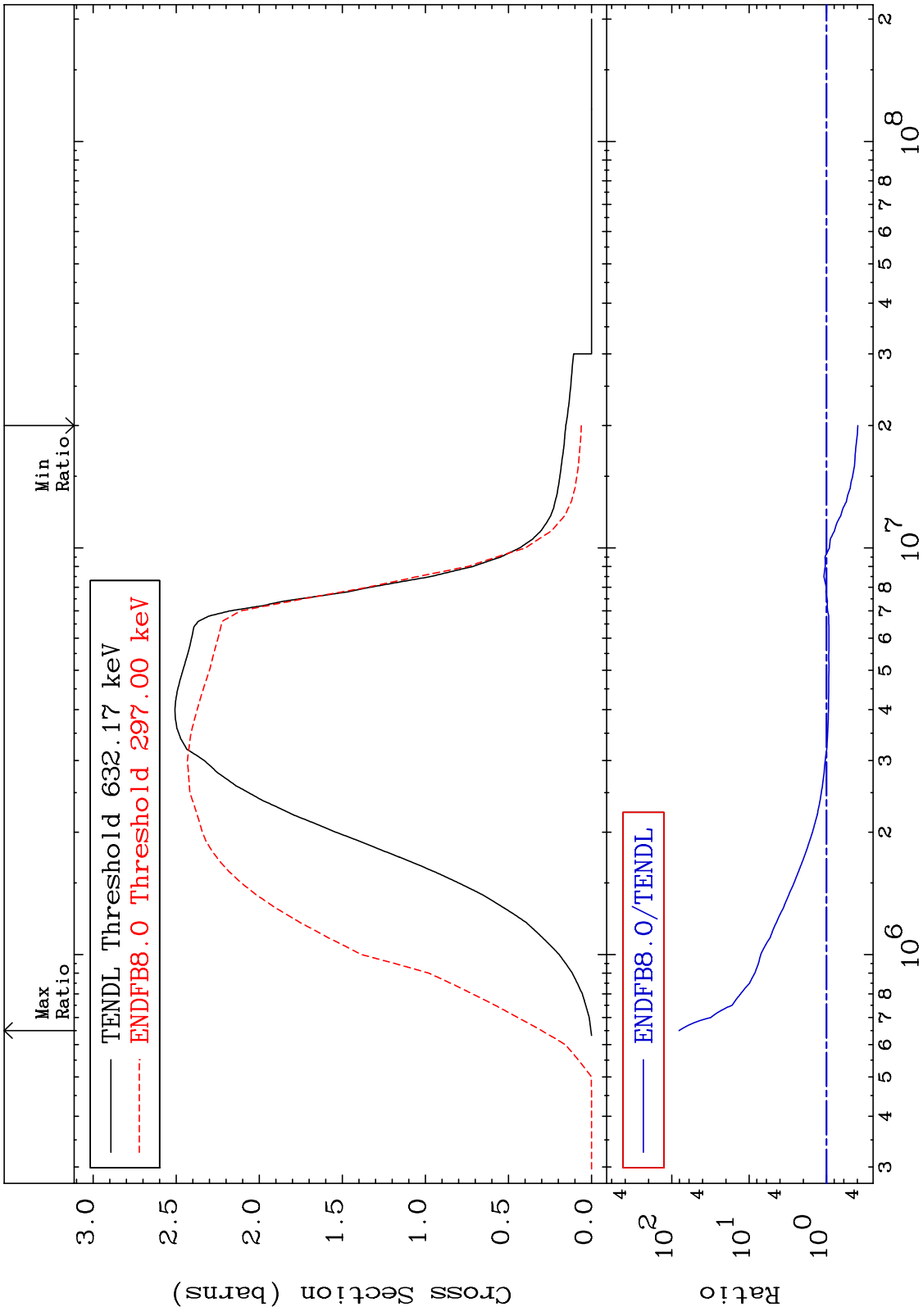
MAT 6640      MT= 68 (n,n') Level Cross Section      66-Dy-161  
 -100.0 To -35.06%



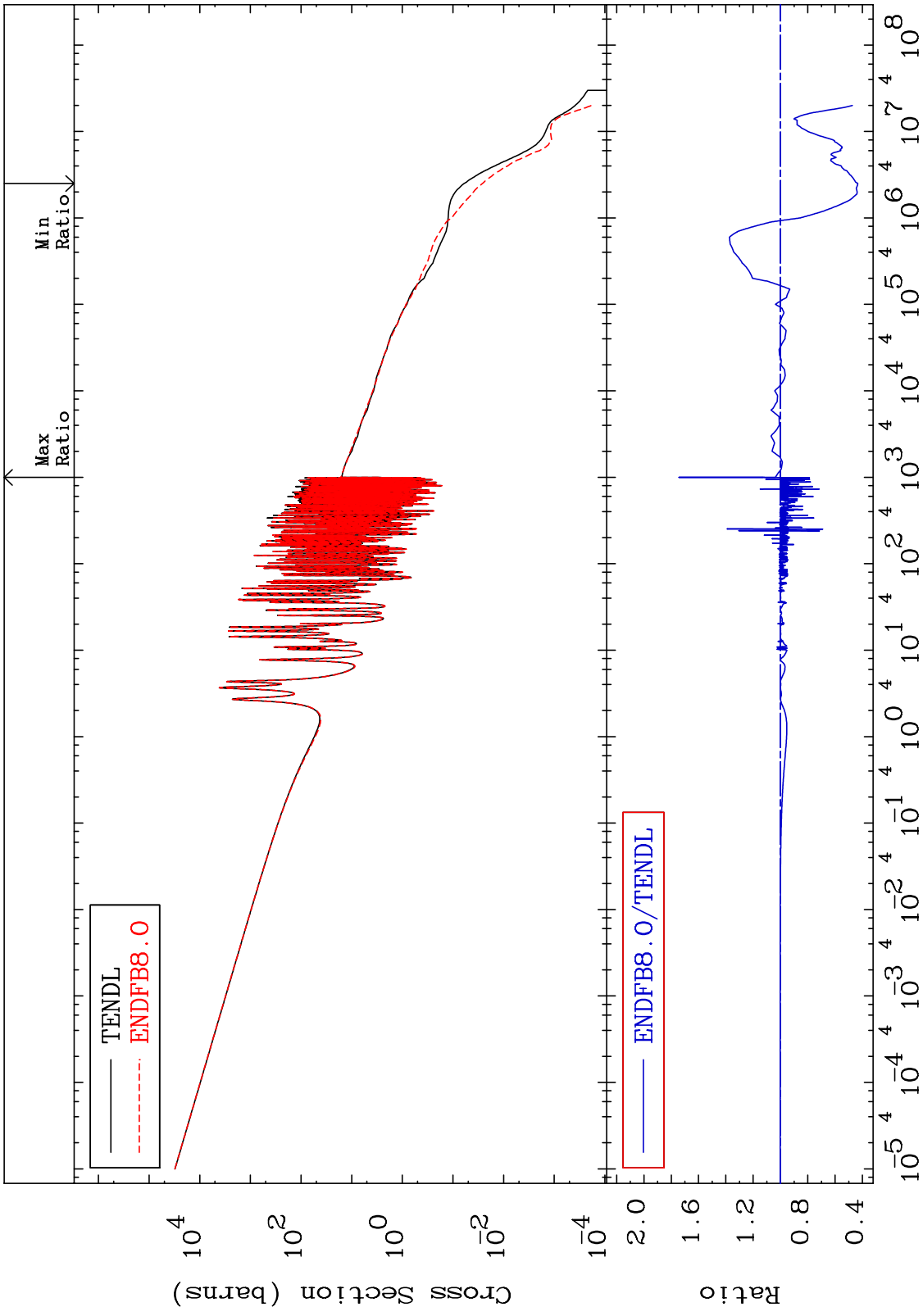
MAT 6640      MT= 69 (n,n') Level Cross Section      66-Dy-161  
 -100.0 To -40.73%

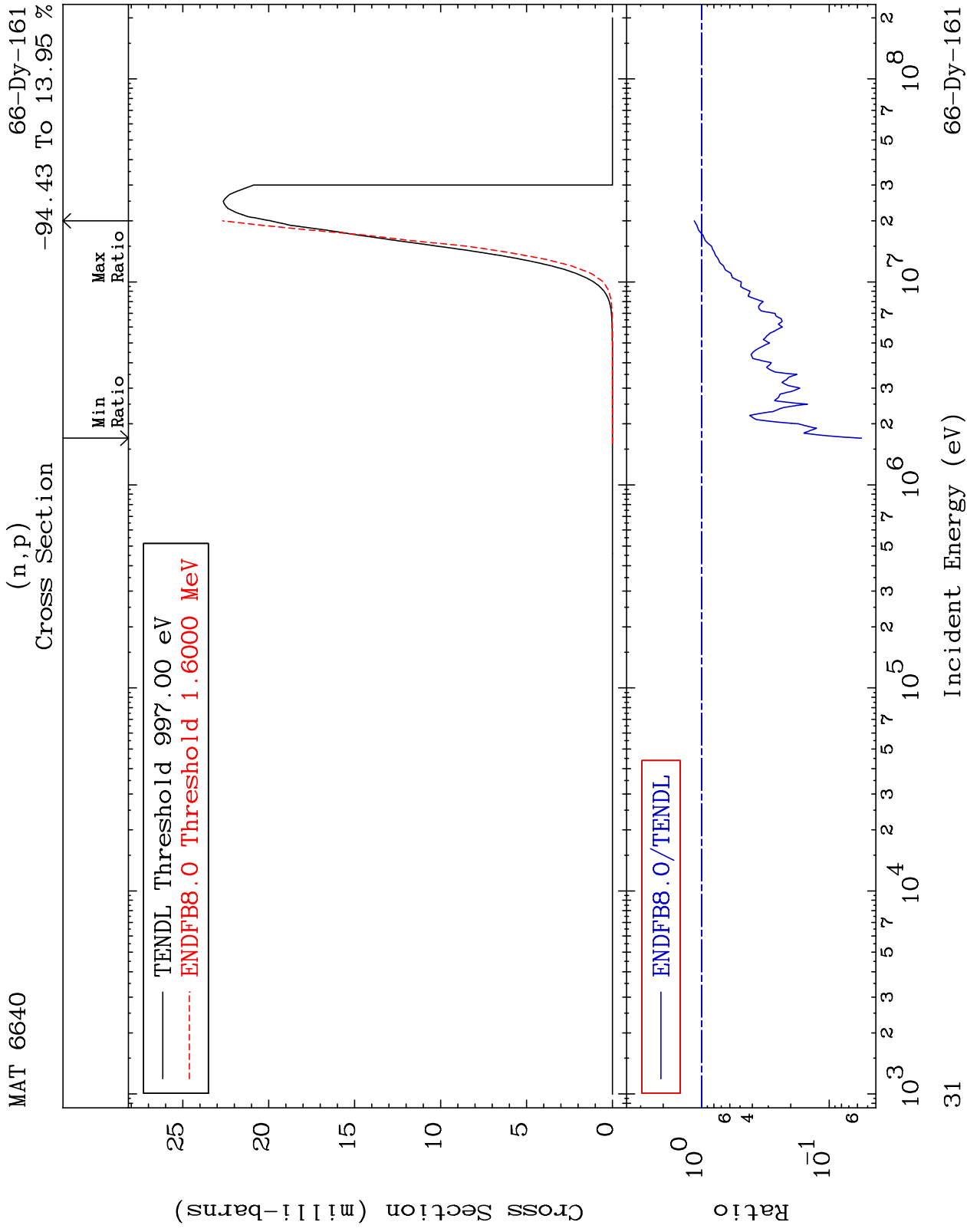


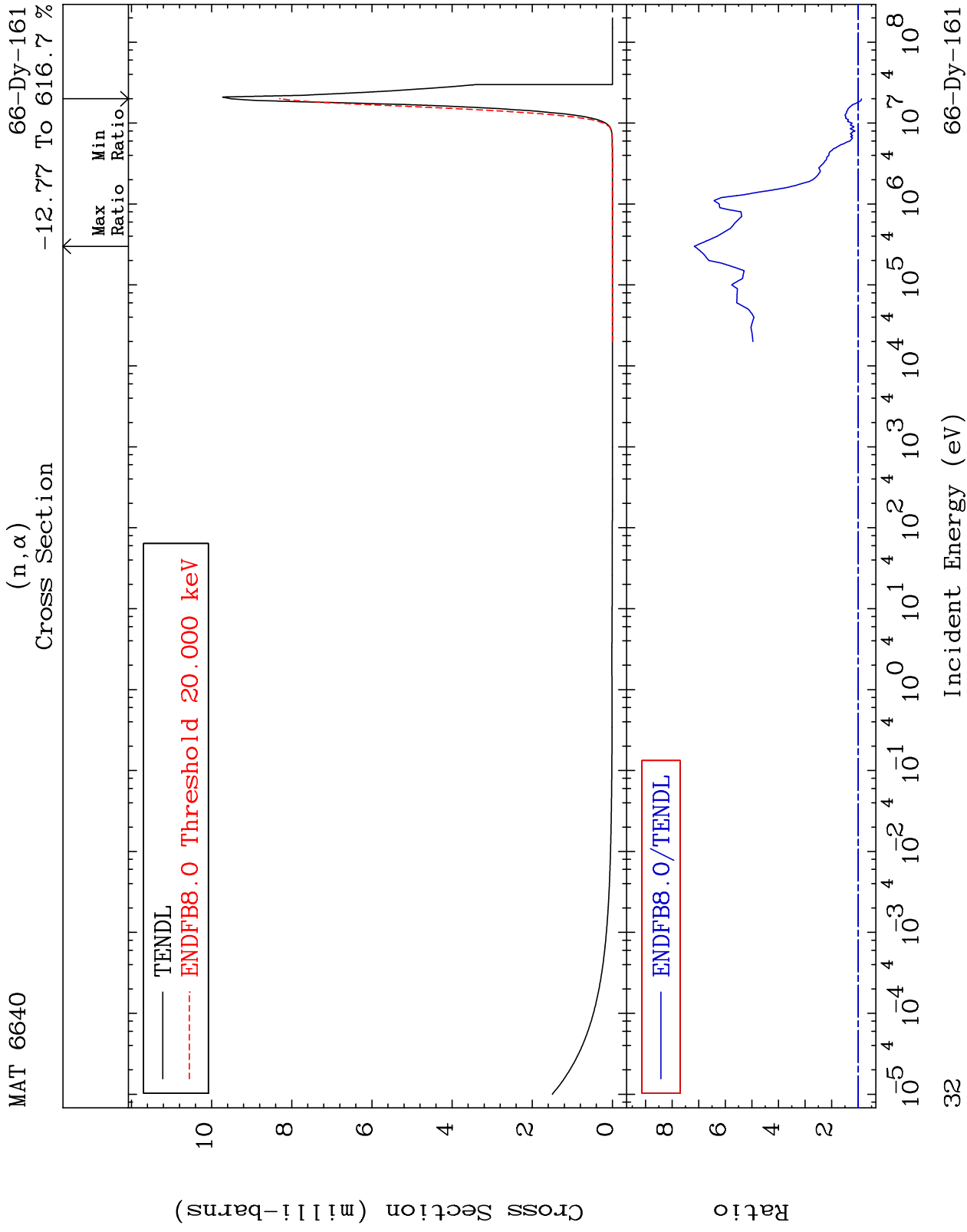
MAT 6640 (n,n') Continuum Cross Section 66-Dy-161 -60.55 To 7977. %



MAT 6640  $(n, \gamma)$  Cross Section  $^{66}\text{Dy}-161$  -56.67 To 74.27 %



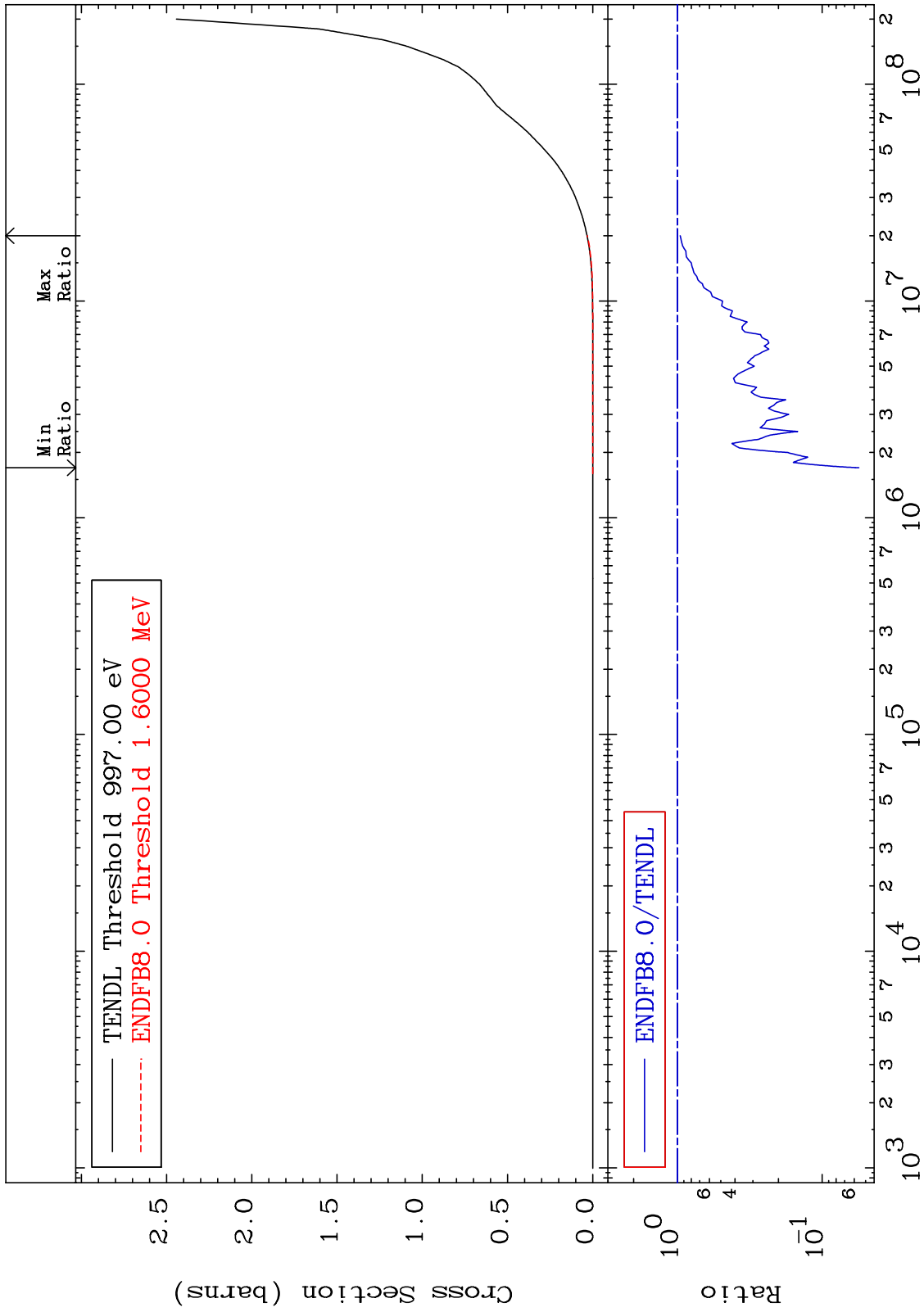




MAT 6640

Hydrogen Production  
Cross Section

66-Dy-161  
-94.43 To -4.594%



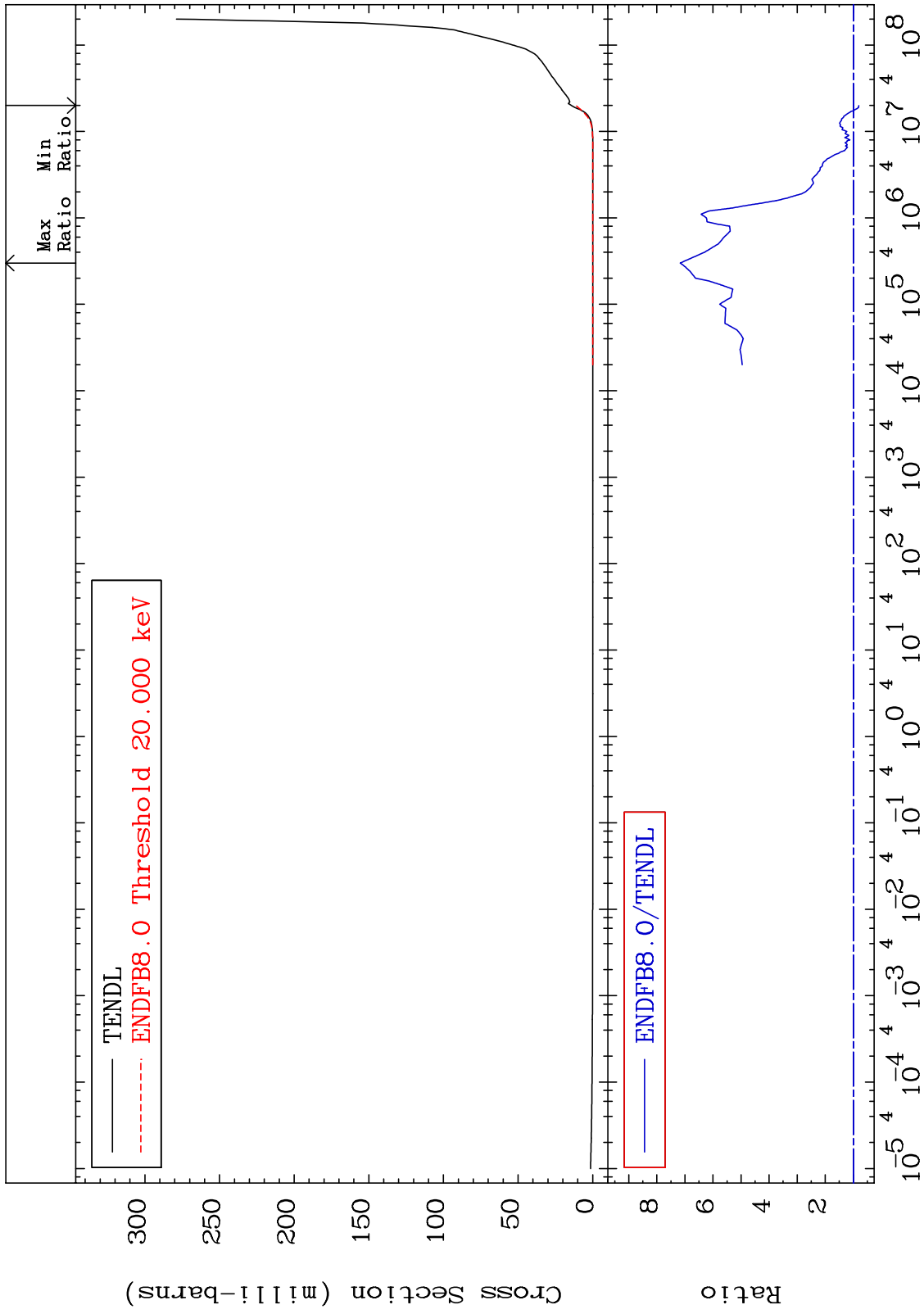
Incident Energy (eV)

66-Dy-161

MAT 6640

He-4 Production  
Cross Section

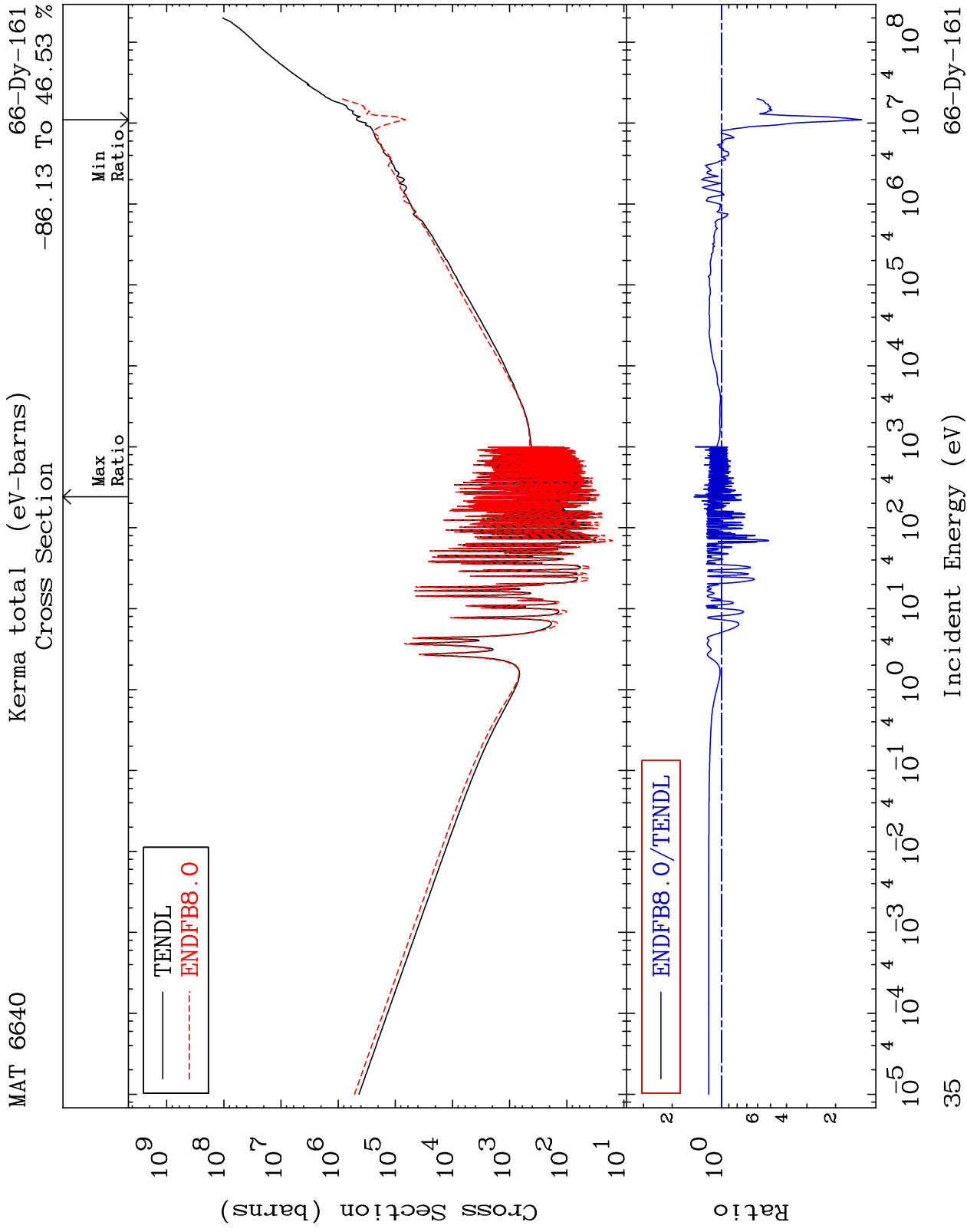
66-Dy-161  
-19.89 To 616.7 %



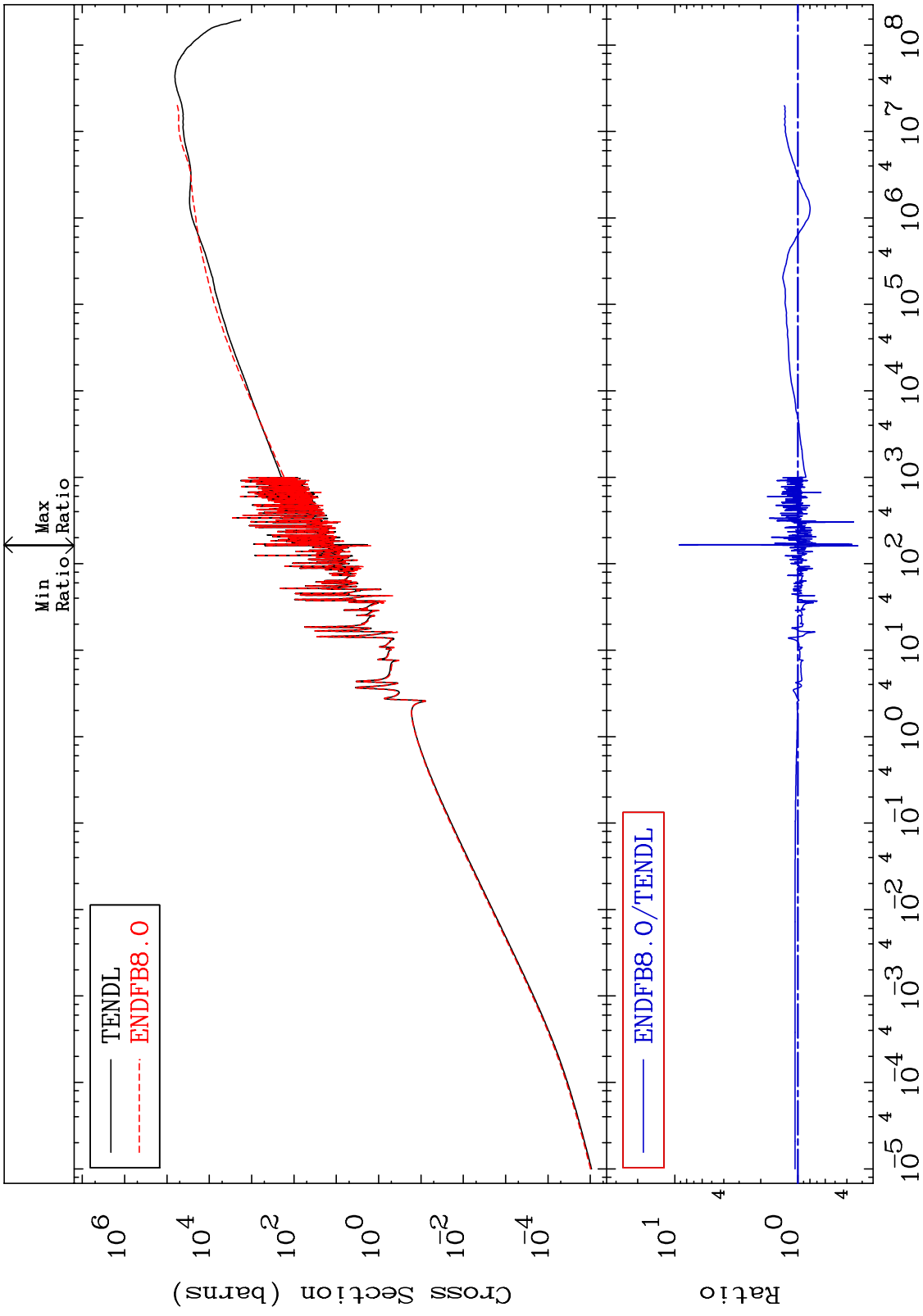
34

Incident Energy (eV)

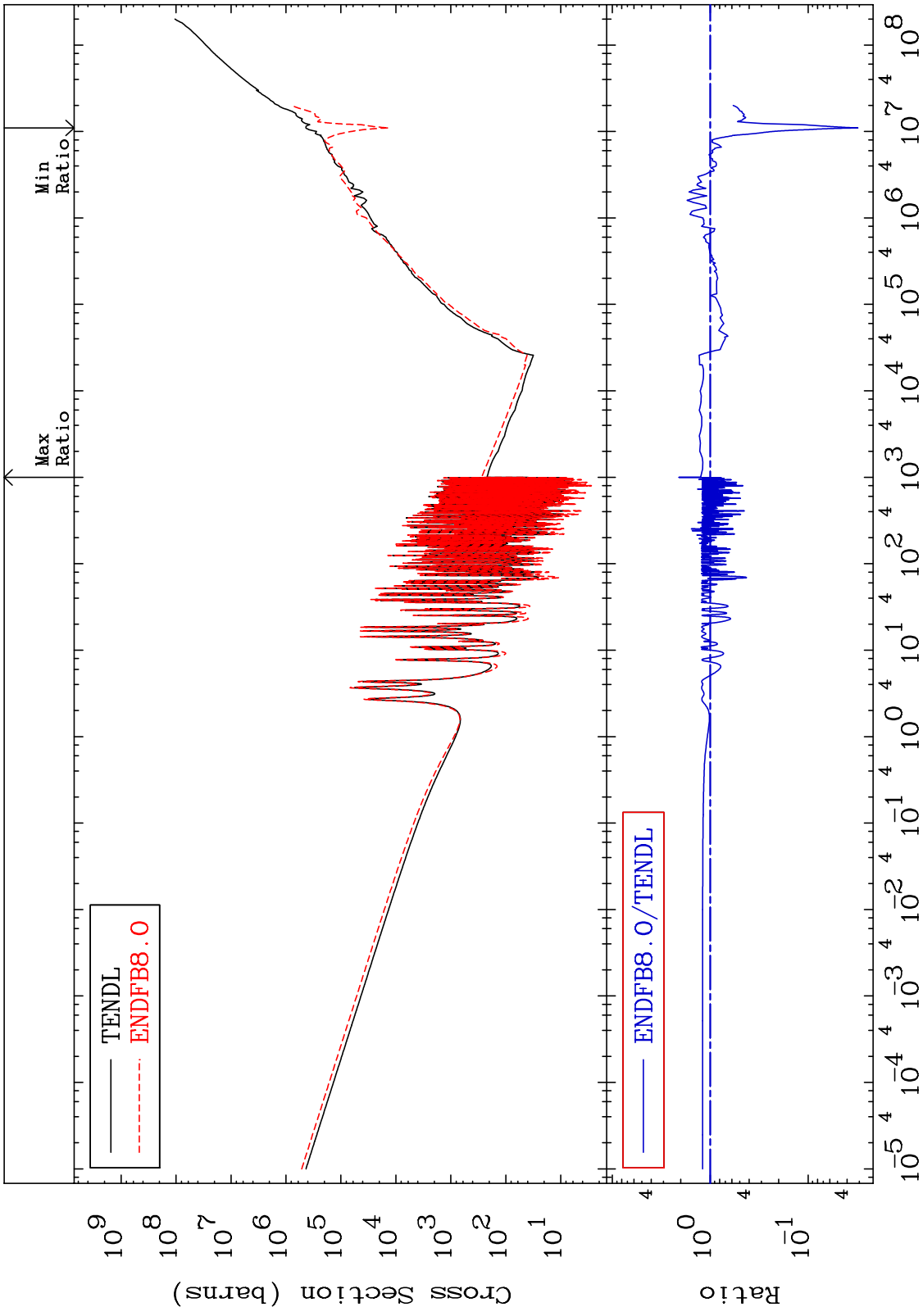
66-Dy-161



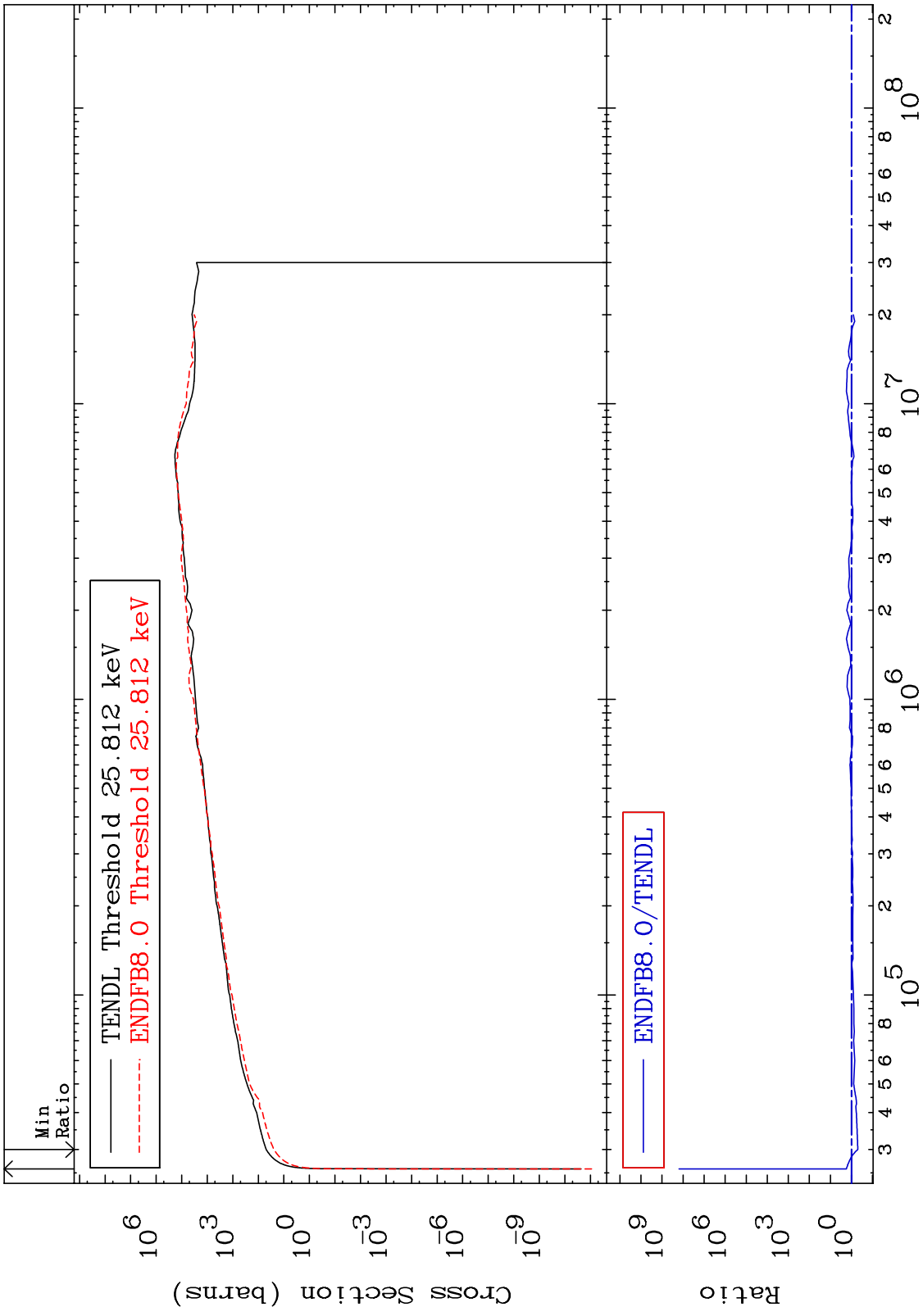
MAT 6640 66-Dy-161  
-67.41 To 823.6 %  
 Kerma elastic Cross Section



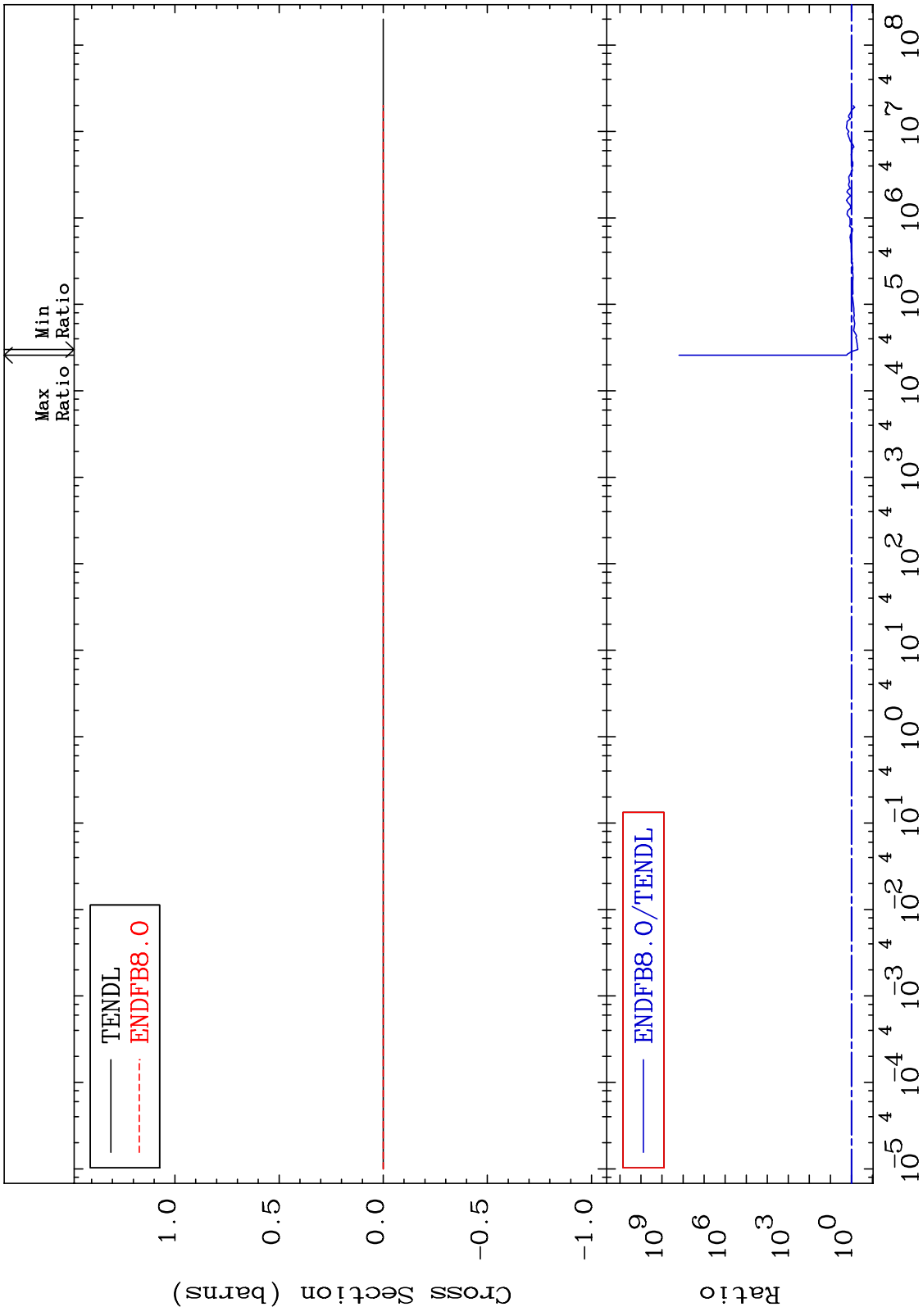
MAT 6640 Kerma non-elastic (all but mt2) Cross Section 66-Dy-161  
 -96.90 To 108.1 %



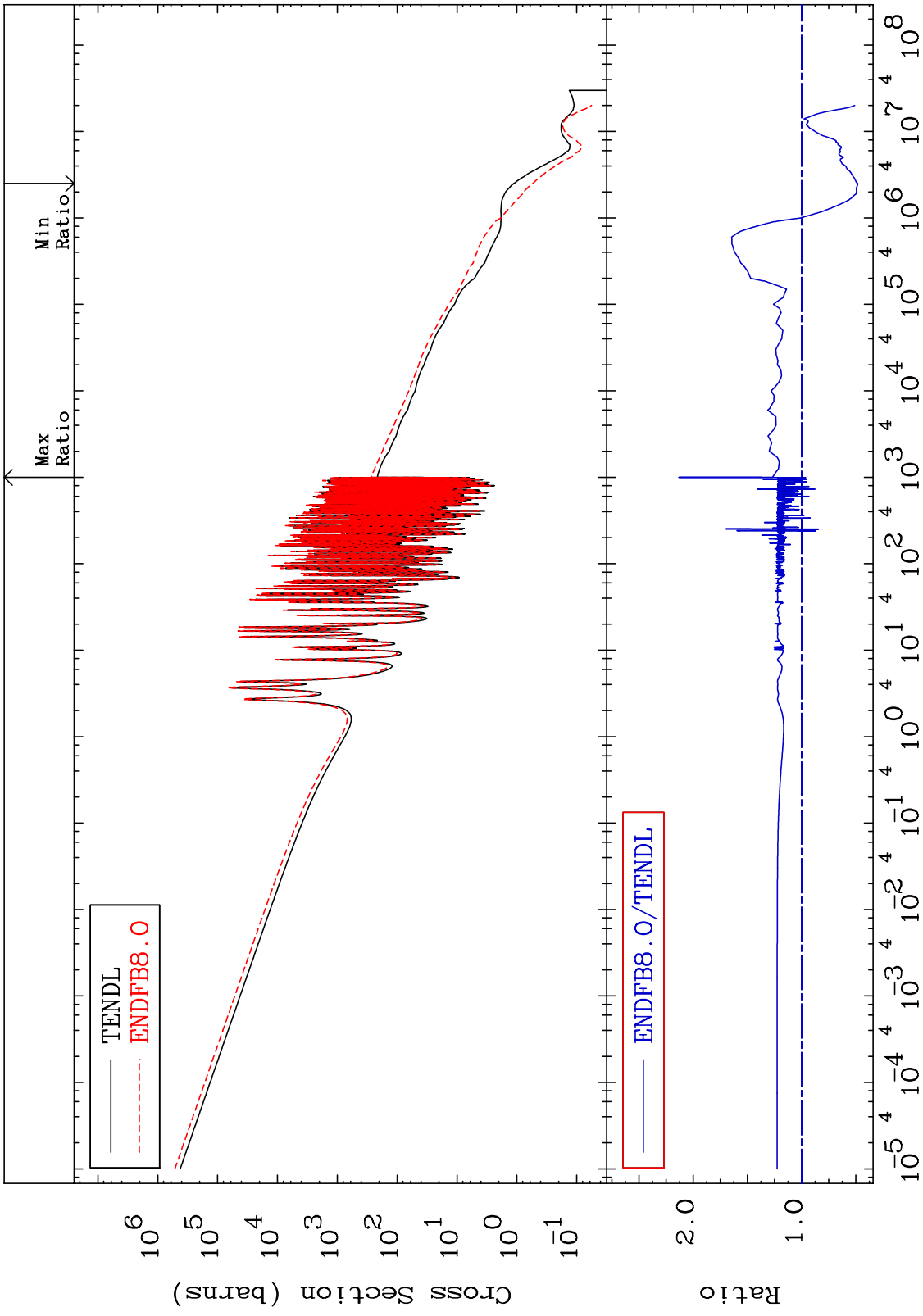
MAT 6640 Kerma inelastic (mt51-91) 66-Dy-161  
 Cross Section -50.19 To 9999. %



MAT 6640 Kerma fission (mt18 or mt19-20-21-38) 66-Dy-161  
 Cross Section -50.19 To 9999. %

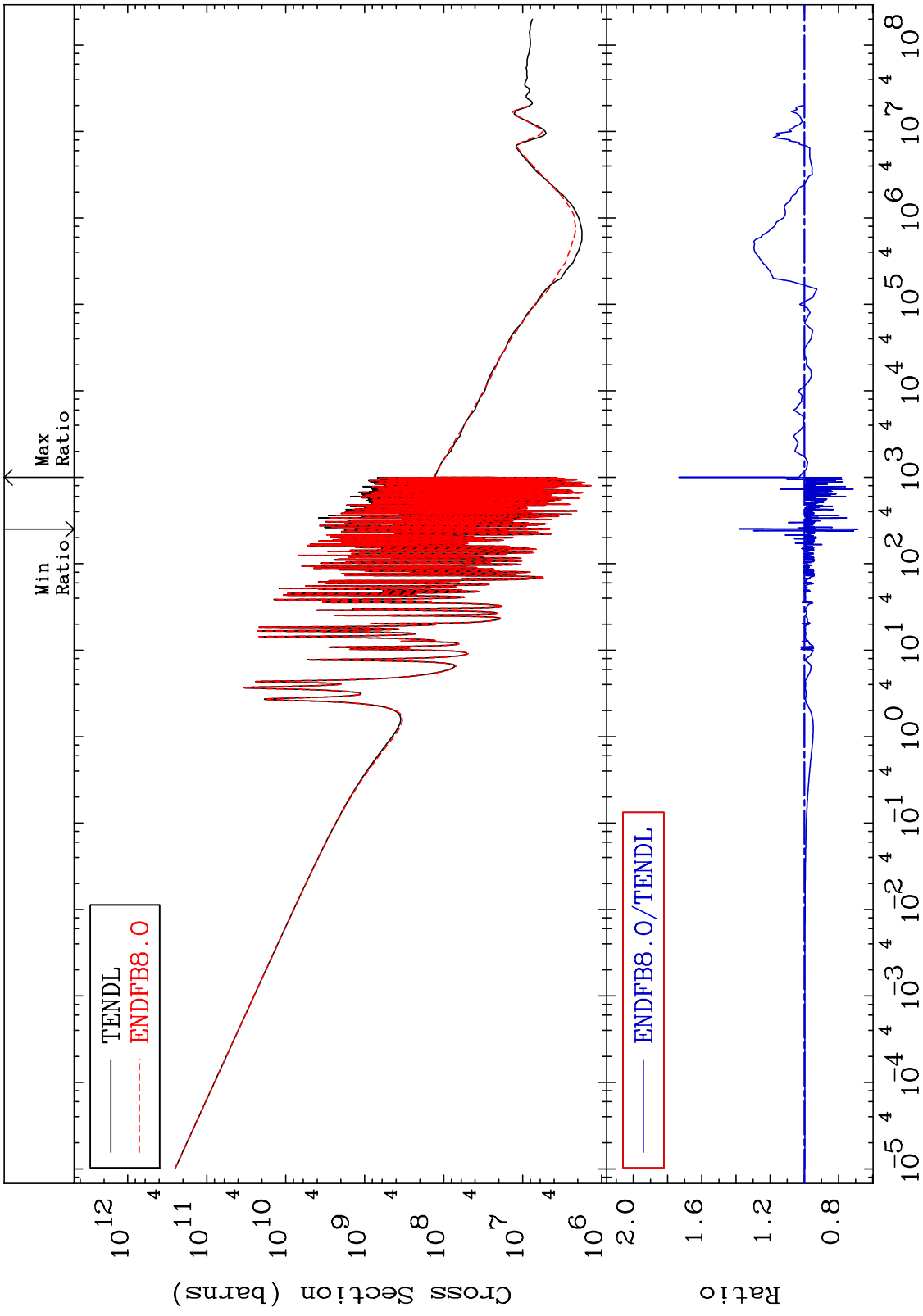


MAT 6640 Kerma capture (mt102) 66-Dy-161  
Cross Section -51.81 To 113.1 %

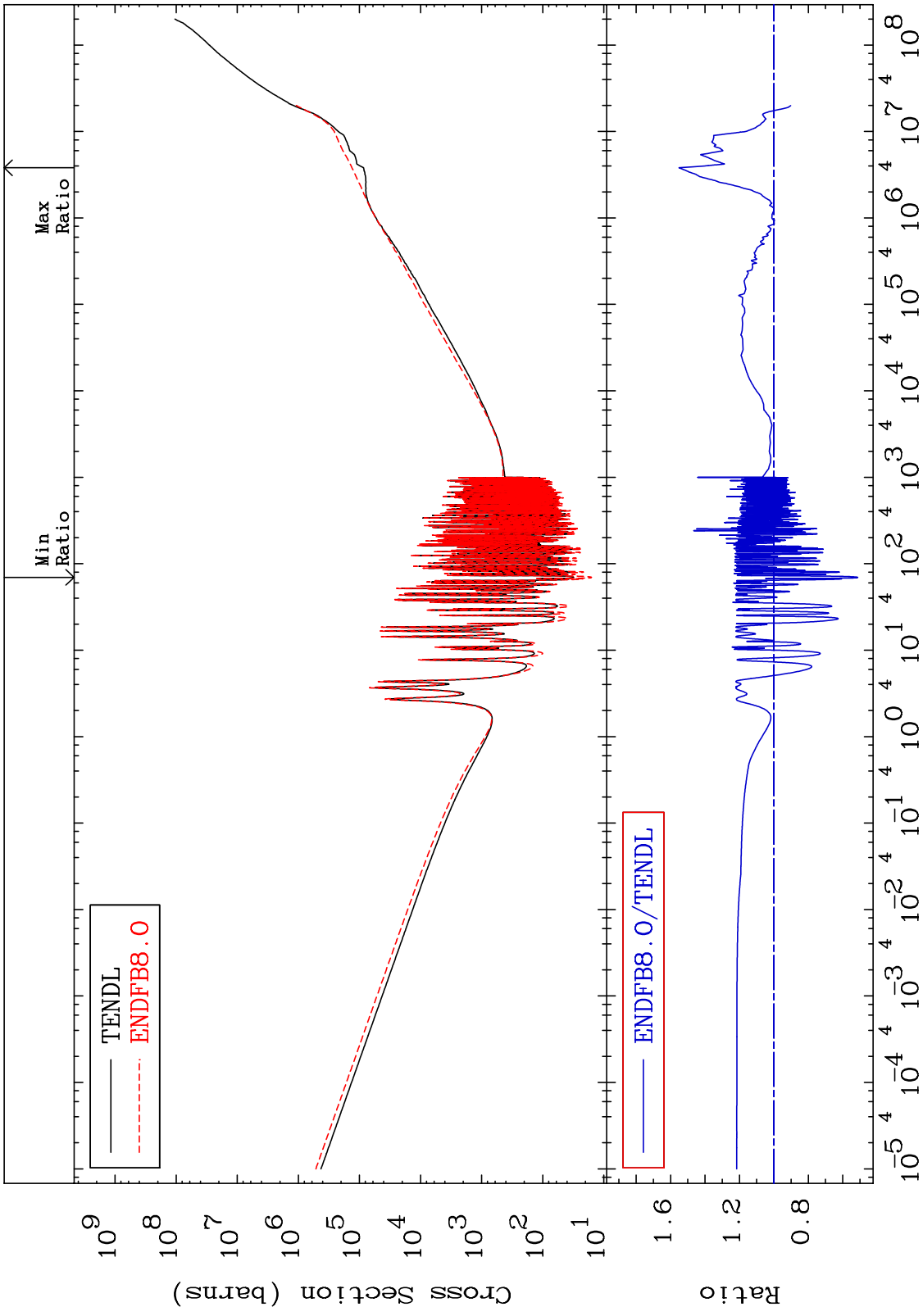


40 Incident Energy (eV) 66-Dy-161

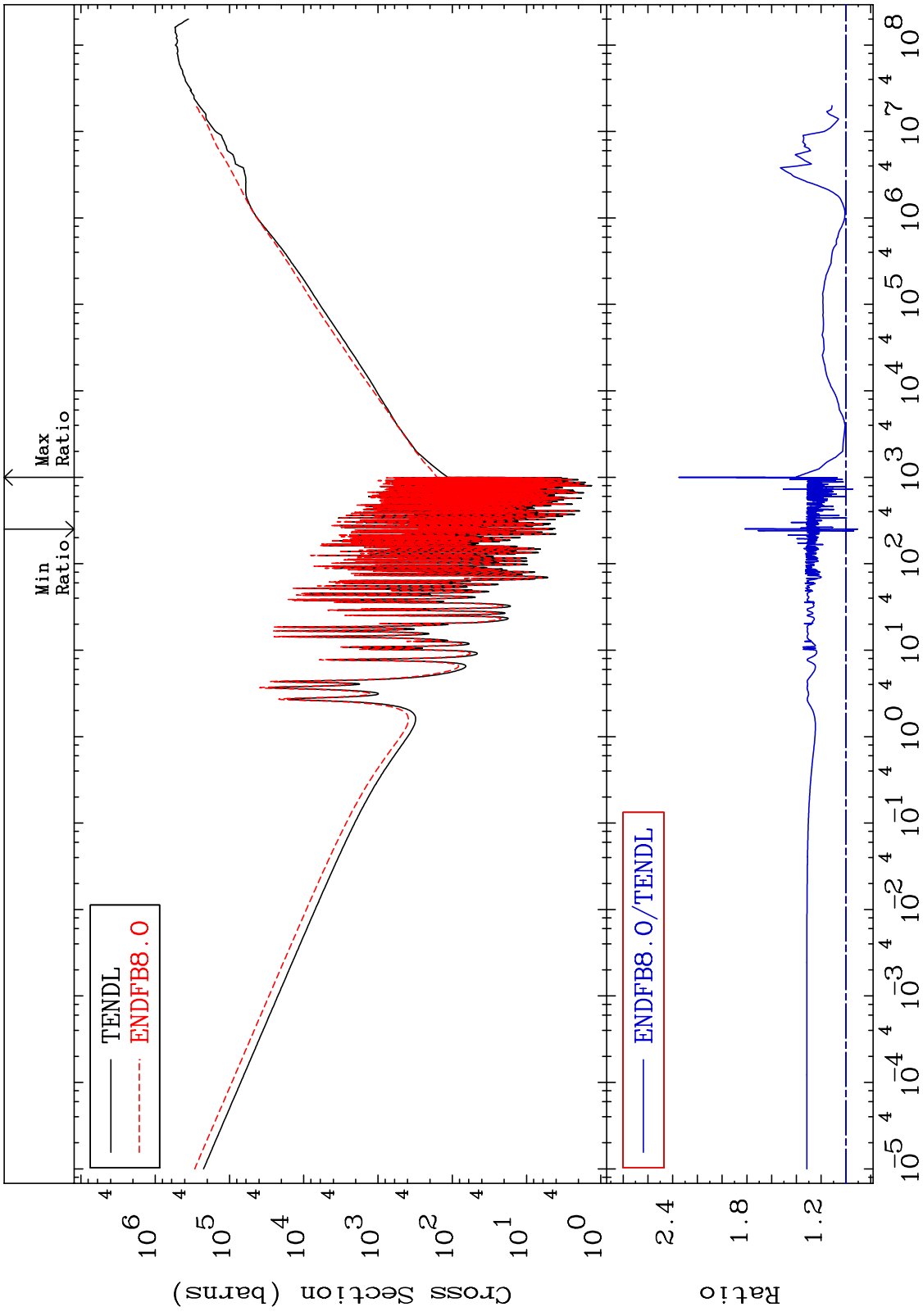
MAT 6640 Total photon (eV-barns) Cross Section 66-Dy-161 -31.27 To 73.29 %



MAT 6640 Total kinematic kerma (high limit) 66-Dy-161  
 Cross Section -48.77 To 55.09 %



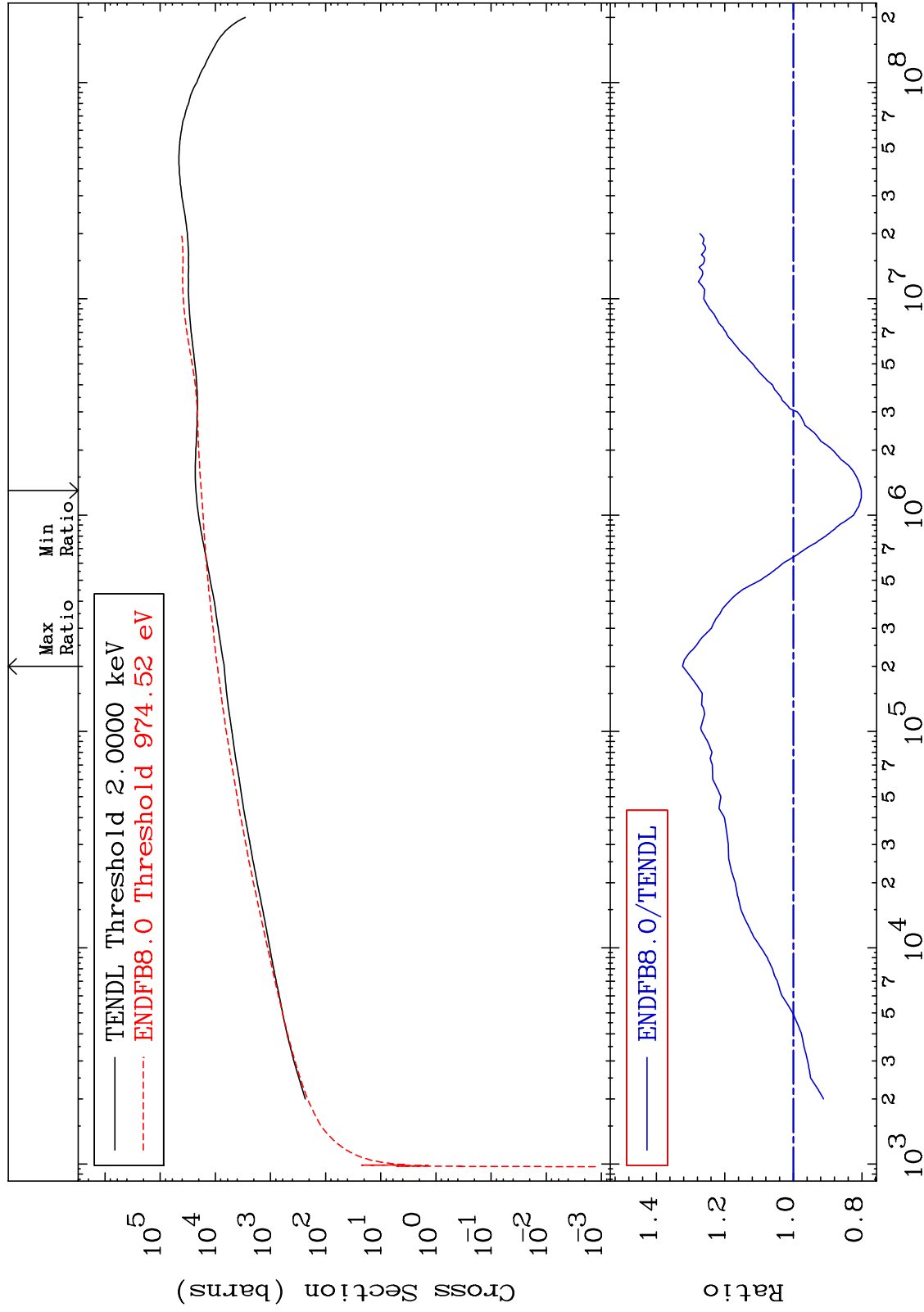
MAT 6640      Dpa total (eV-barns)      66-Dy-161  
 Cross Section      -9.664 To 134.8 %



MAT 6640

Dpa elastic (mt2)  
Cross Section

66-Dy-161  
-19.85 To 32.30 %

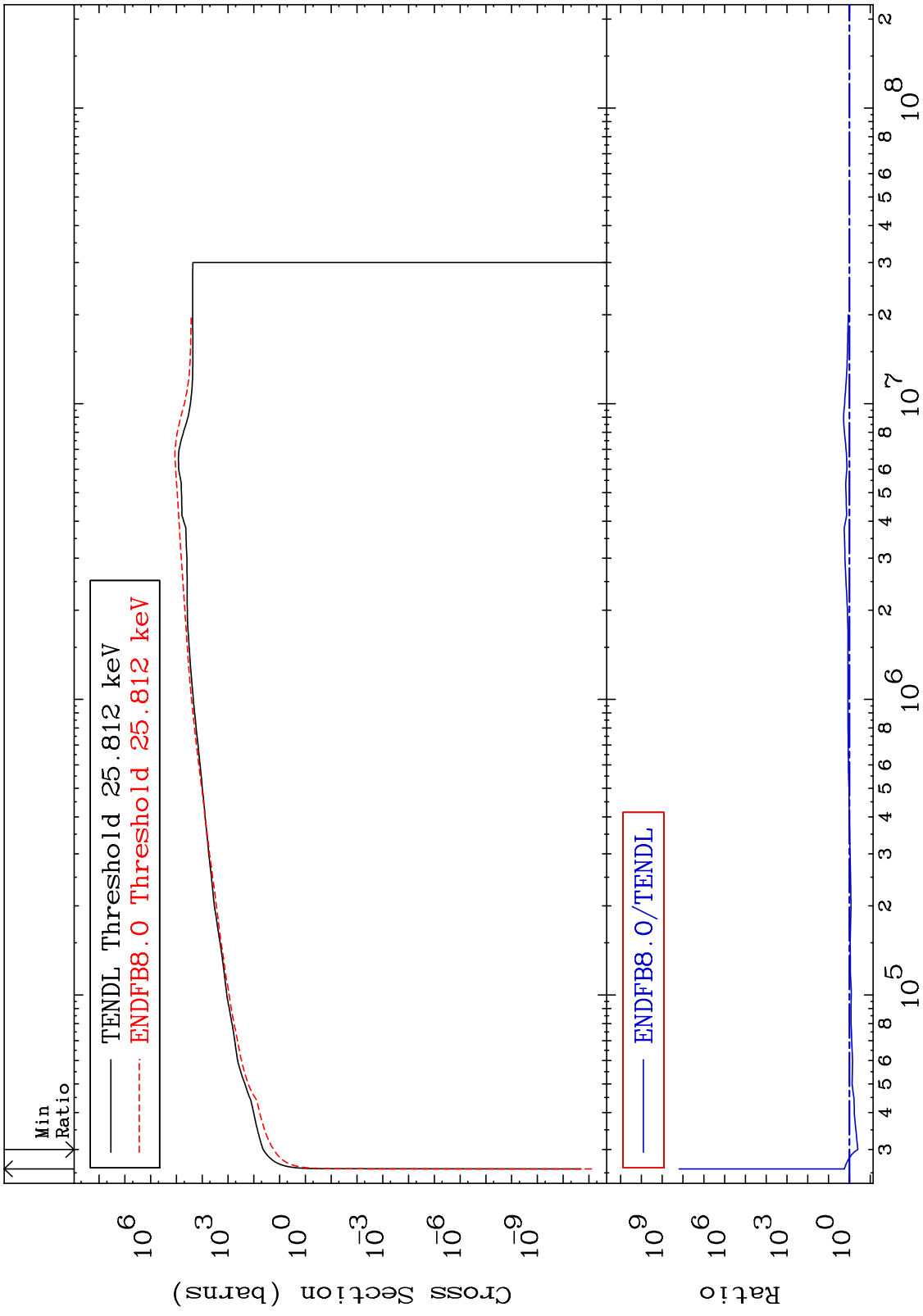


44

Incident Energy (eV)

66-Dy-161

MAT 6640      Dpa inelastic (mt51-91)      66-Dy-161  
 Cross Section      -60.75 To 9999. %



MAT 6640      Dpa disappearance (mt102 -120)      66-Dy-161  
 Cross Section      -50.44 To 128.6 %

