

Program Complot  
(Version 2018-1)

by

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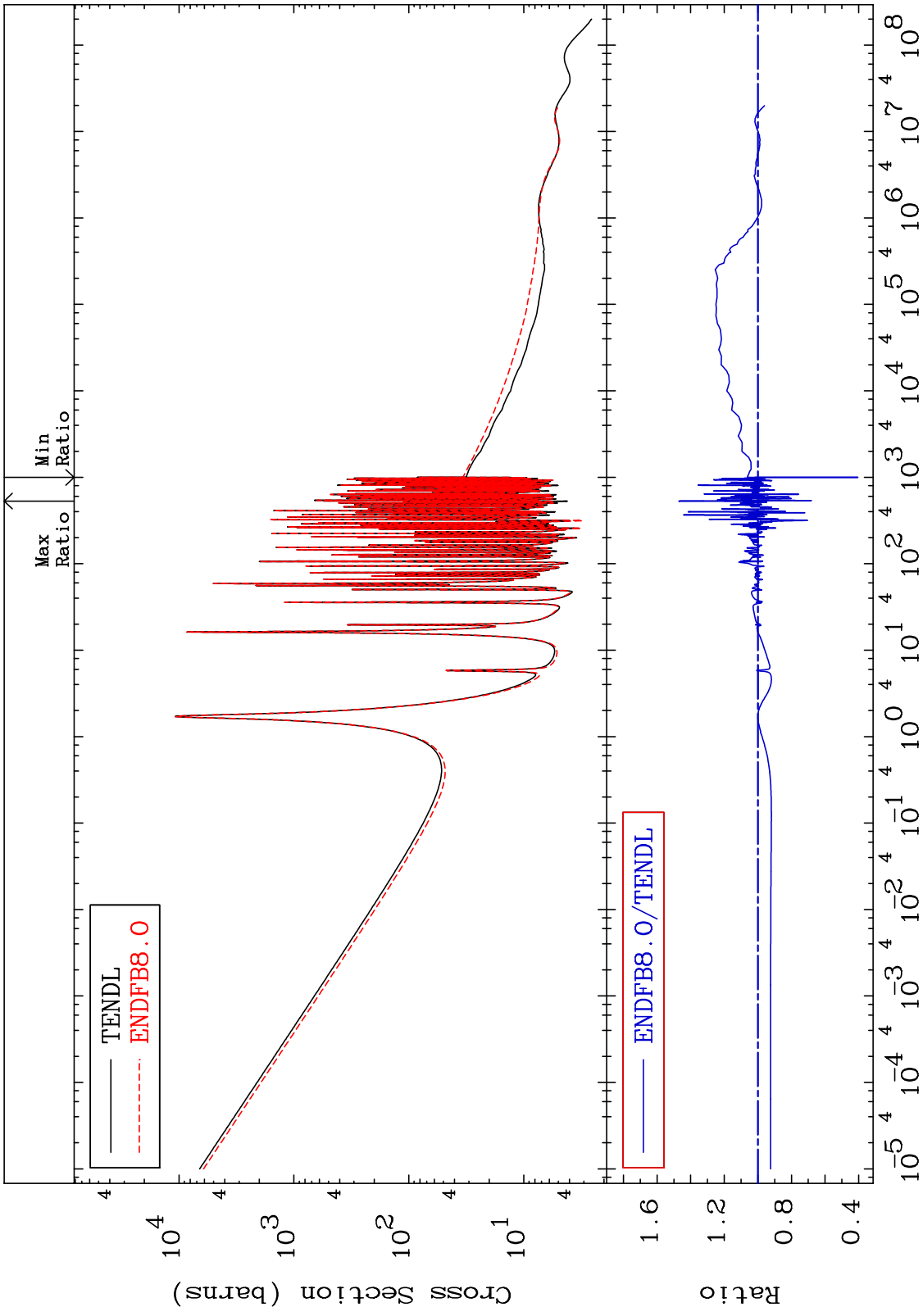
U.S.A.

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

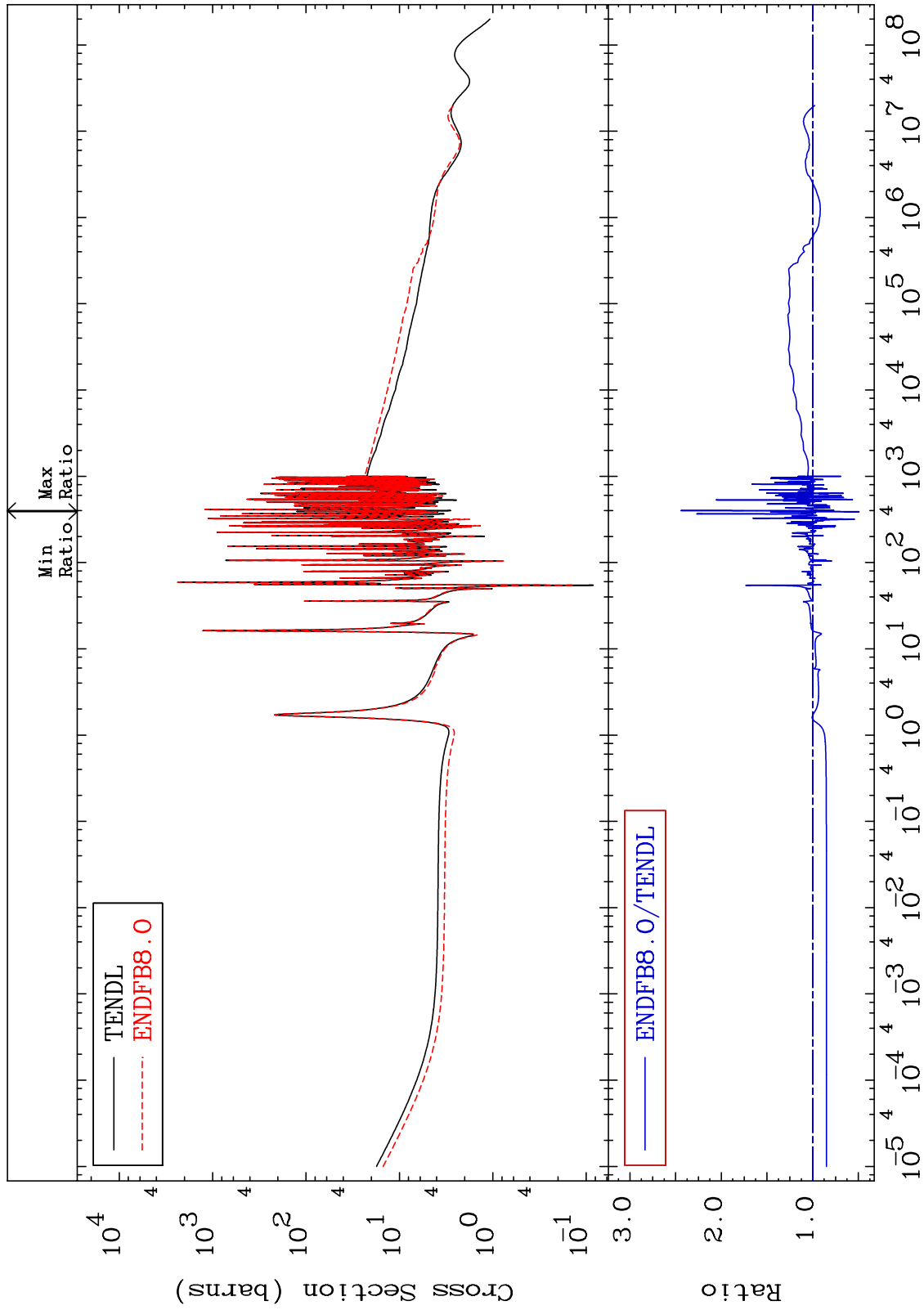
Press Mouse Button to Start

MAT 6646 66-Dy-163  
Total Cross Section -59.52 To 46.91 %



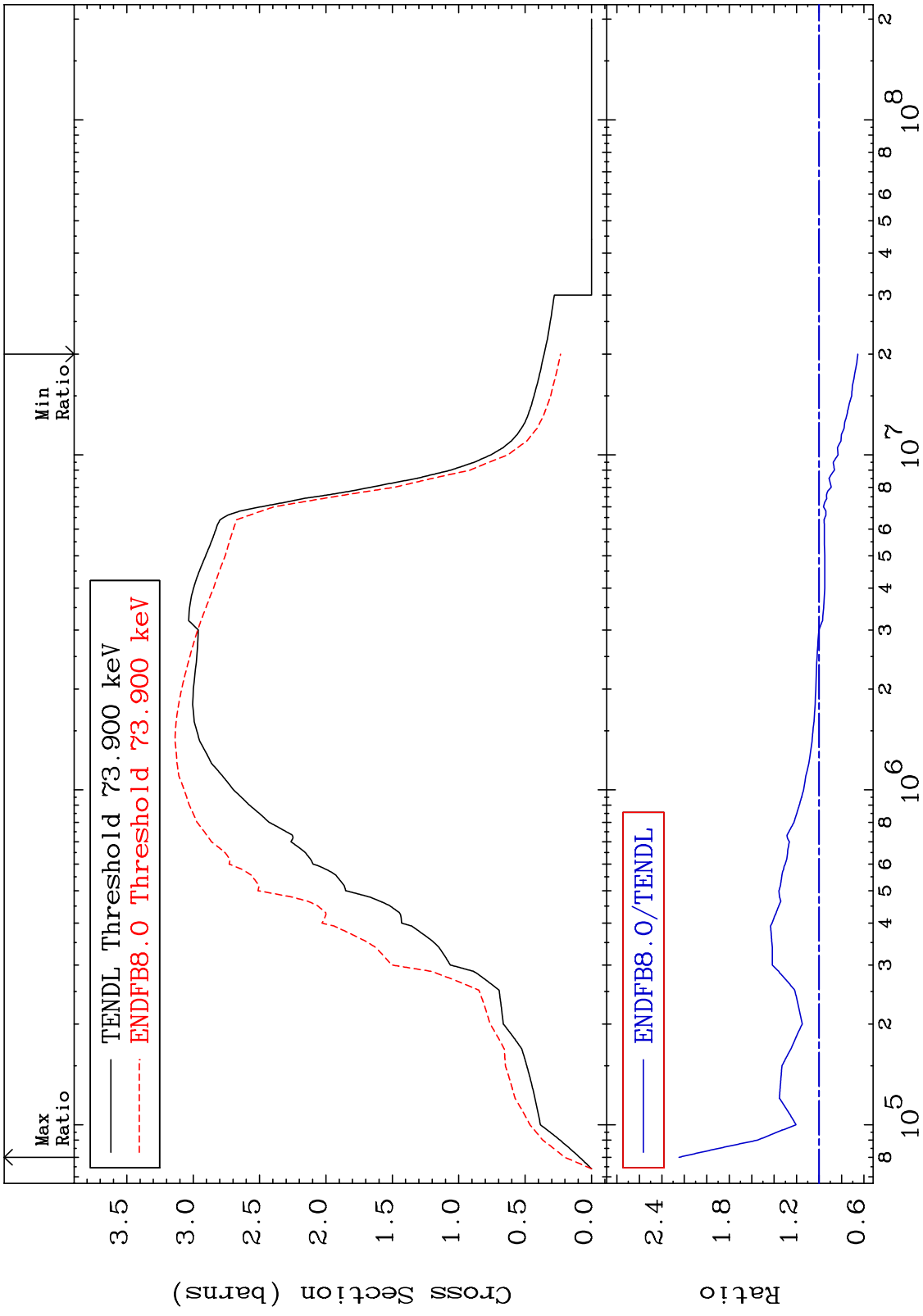
Incident Energy (eV) 66-Dy-163

MAT 6646 Elastic Cross Section 66-Dy-163 -50.65 To 144.5 %



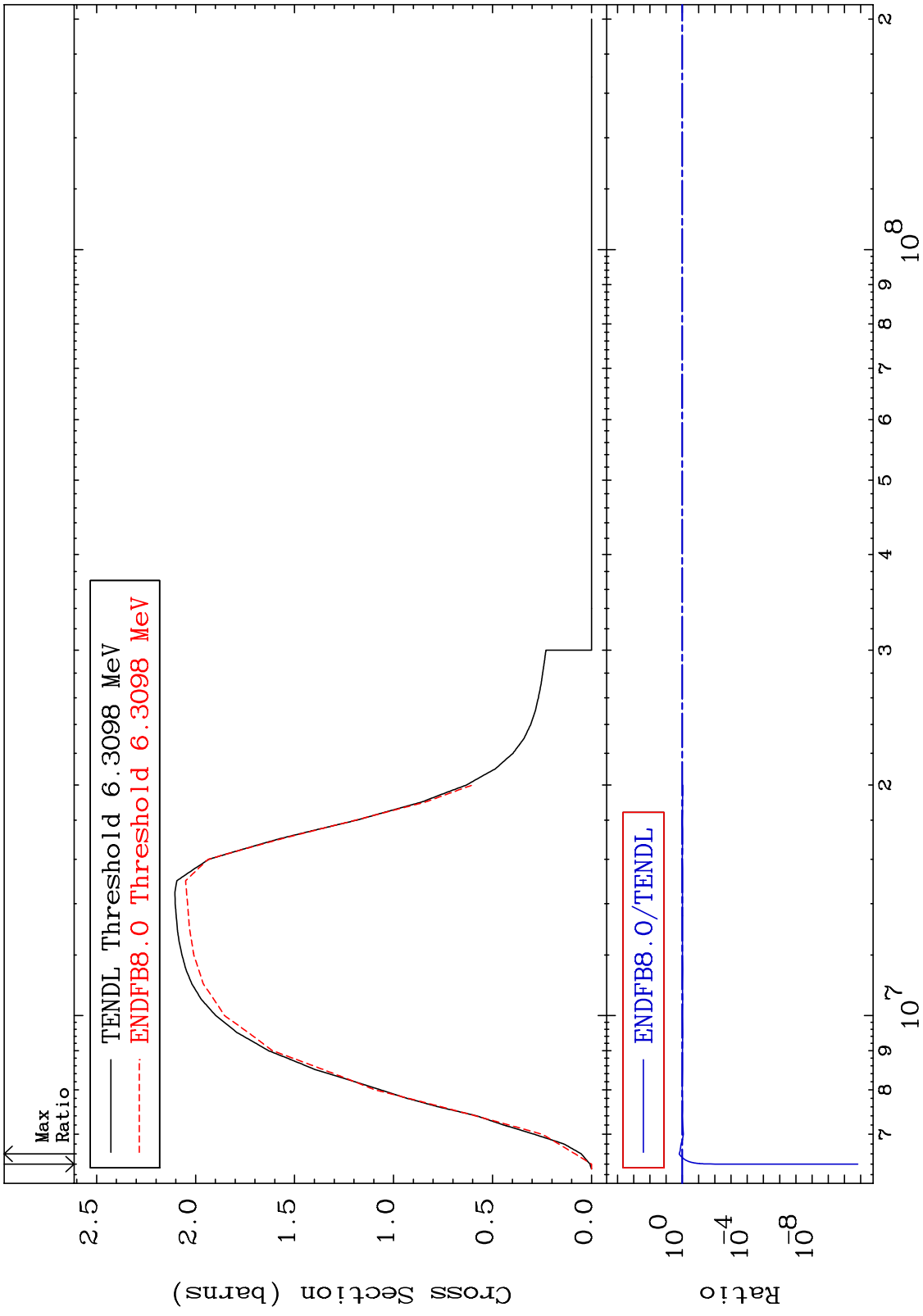
2 Incident Energy (eV) 66-Dy-163

MAT 6646 Inelastic Cross Section 66-Dy-163 -34.55 To 124.7 %

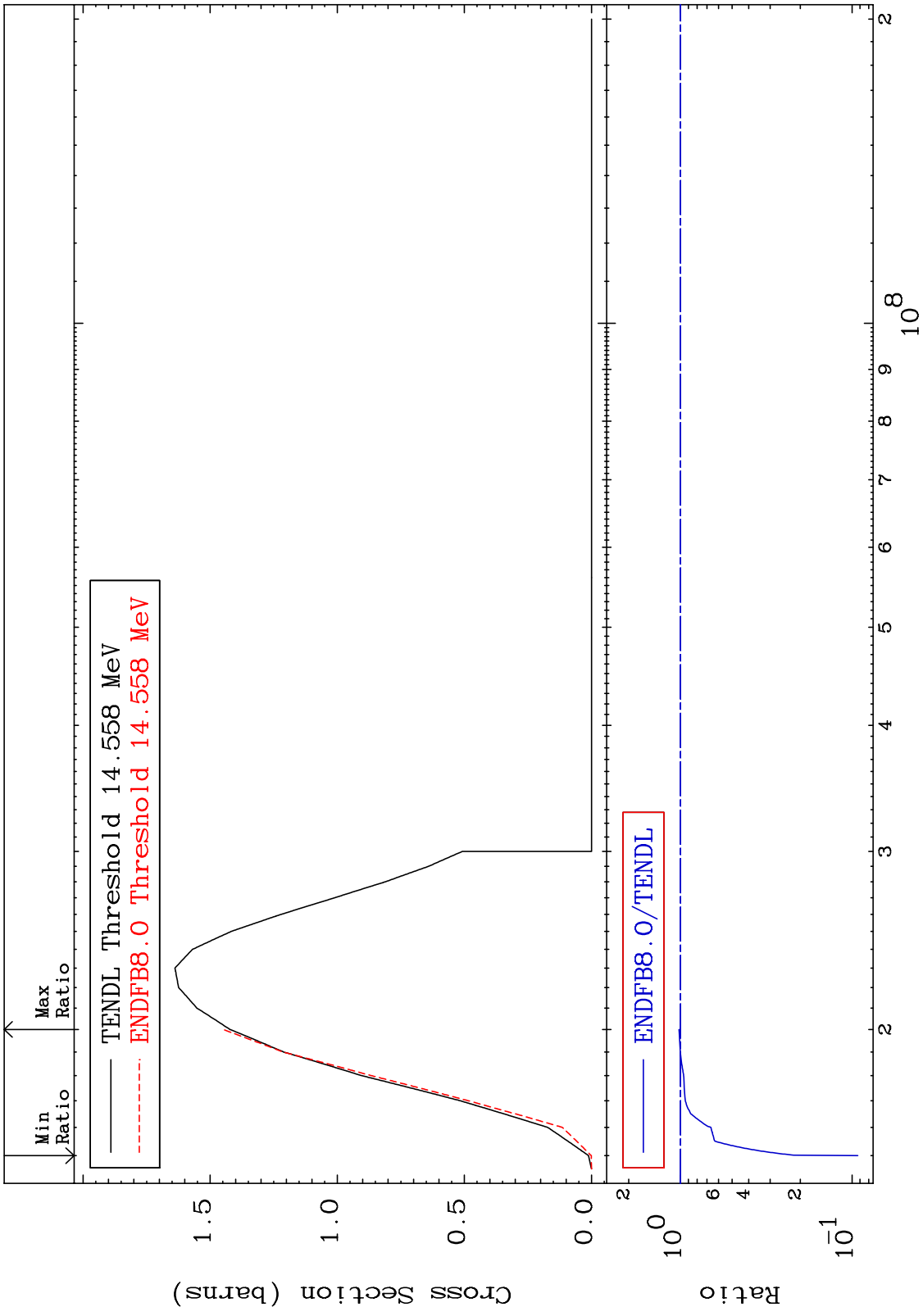


3 66-Dy-163

MAT 6646 (n,2n) Cross Section 66-Dy-163 -100.0 To 60.10 %



MAT 6646 (n,3n) Cross Section 66-Dy-163 -90.75 To 1.895 %



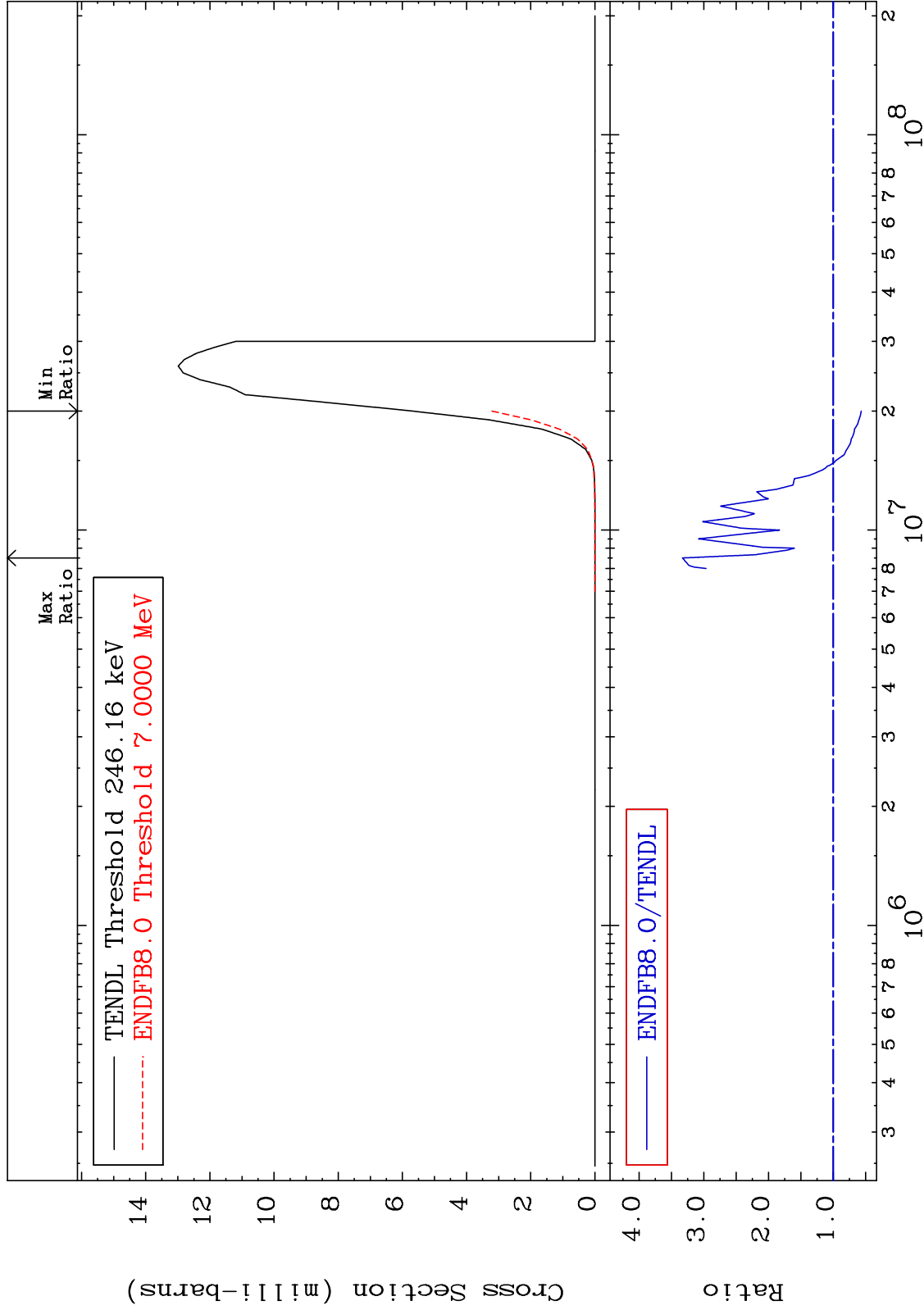
MAT 6646

(n, n')  $\alpha$

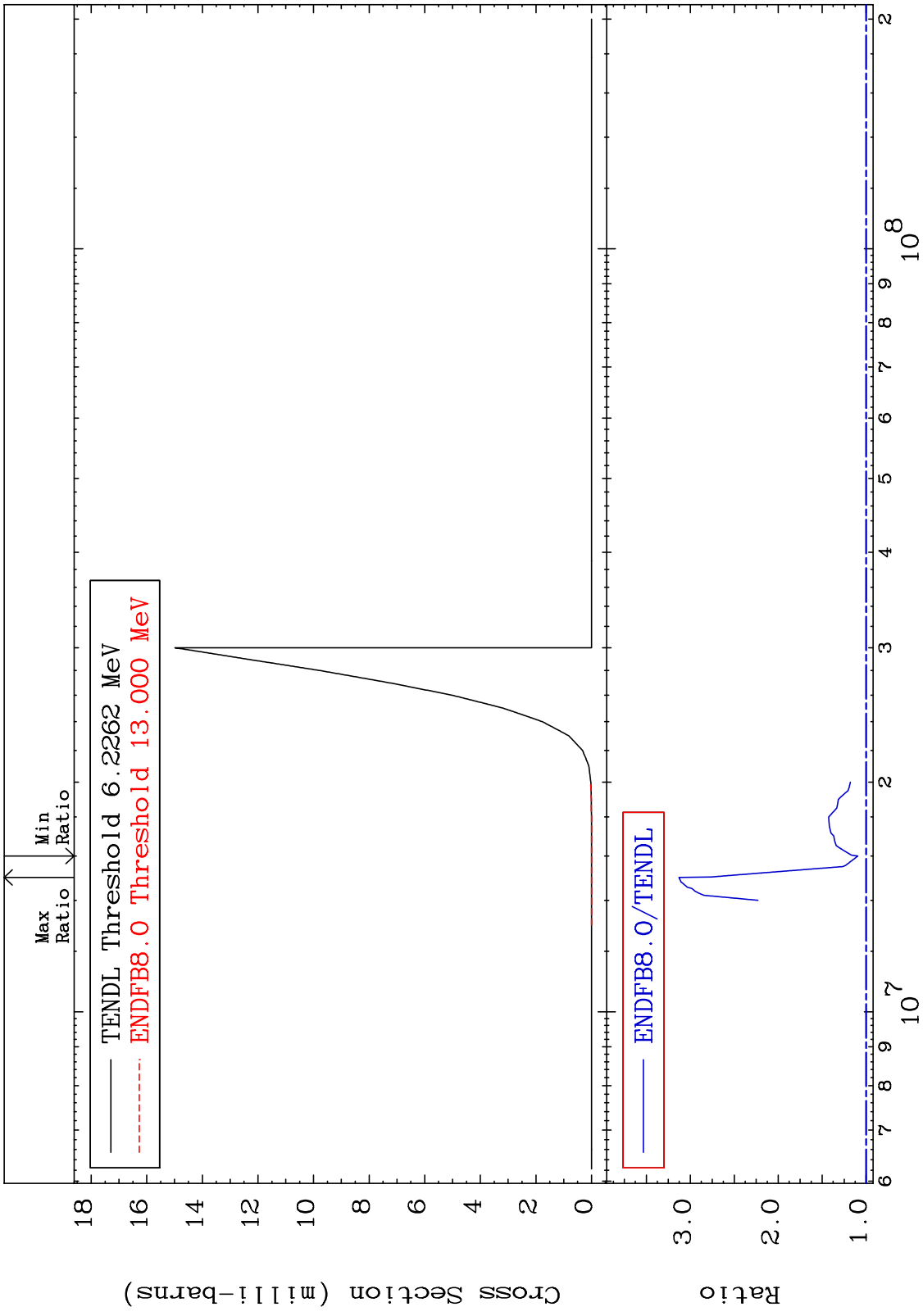
66-Dy-163

Cross Section

-43.39 To 233.0 %

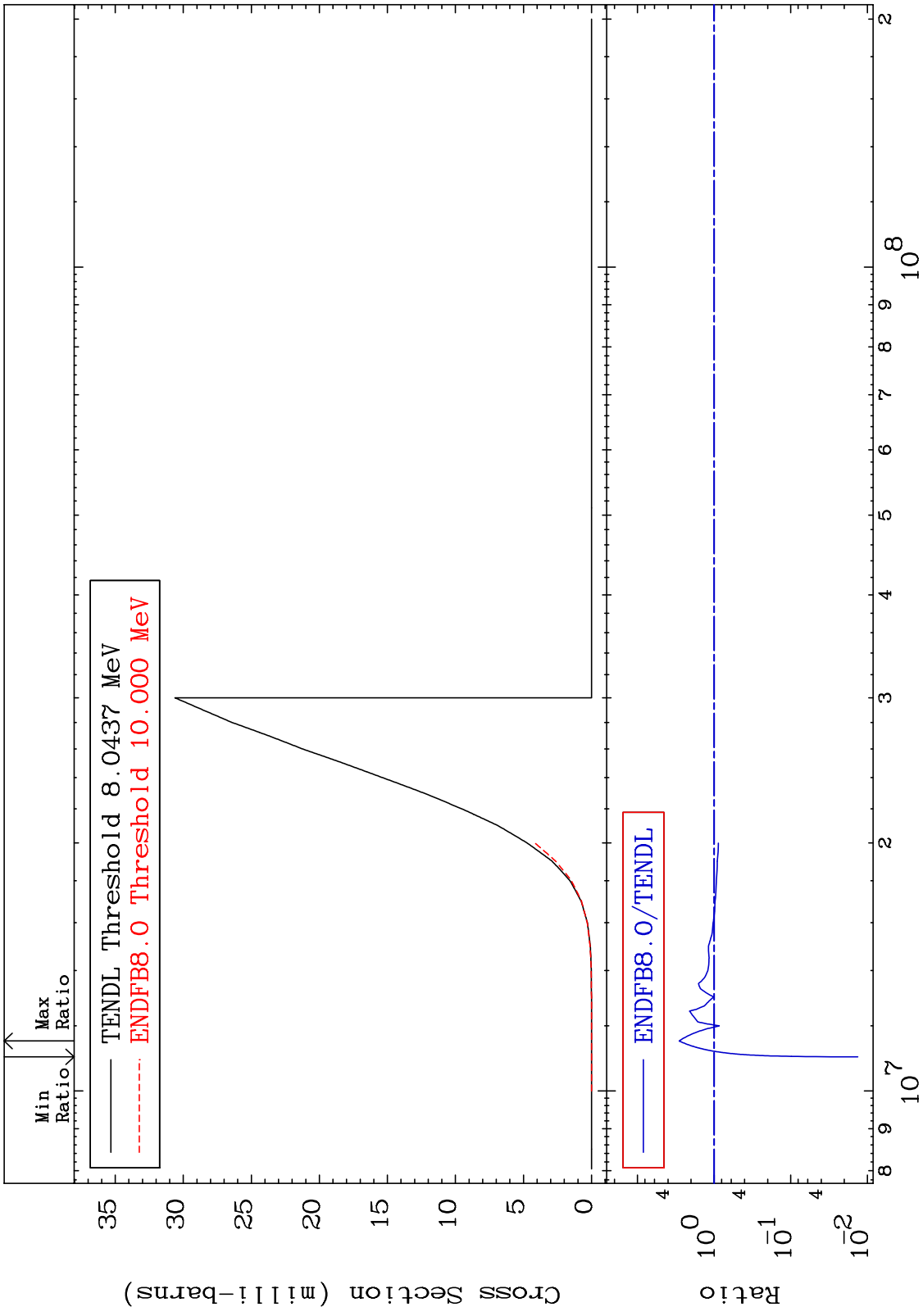


MAT 6646  $(n, 2n) \alpha$  Cross Section 66-Dy-163 To 212.8 % 9.437

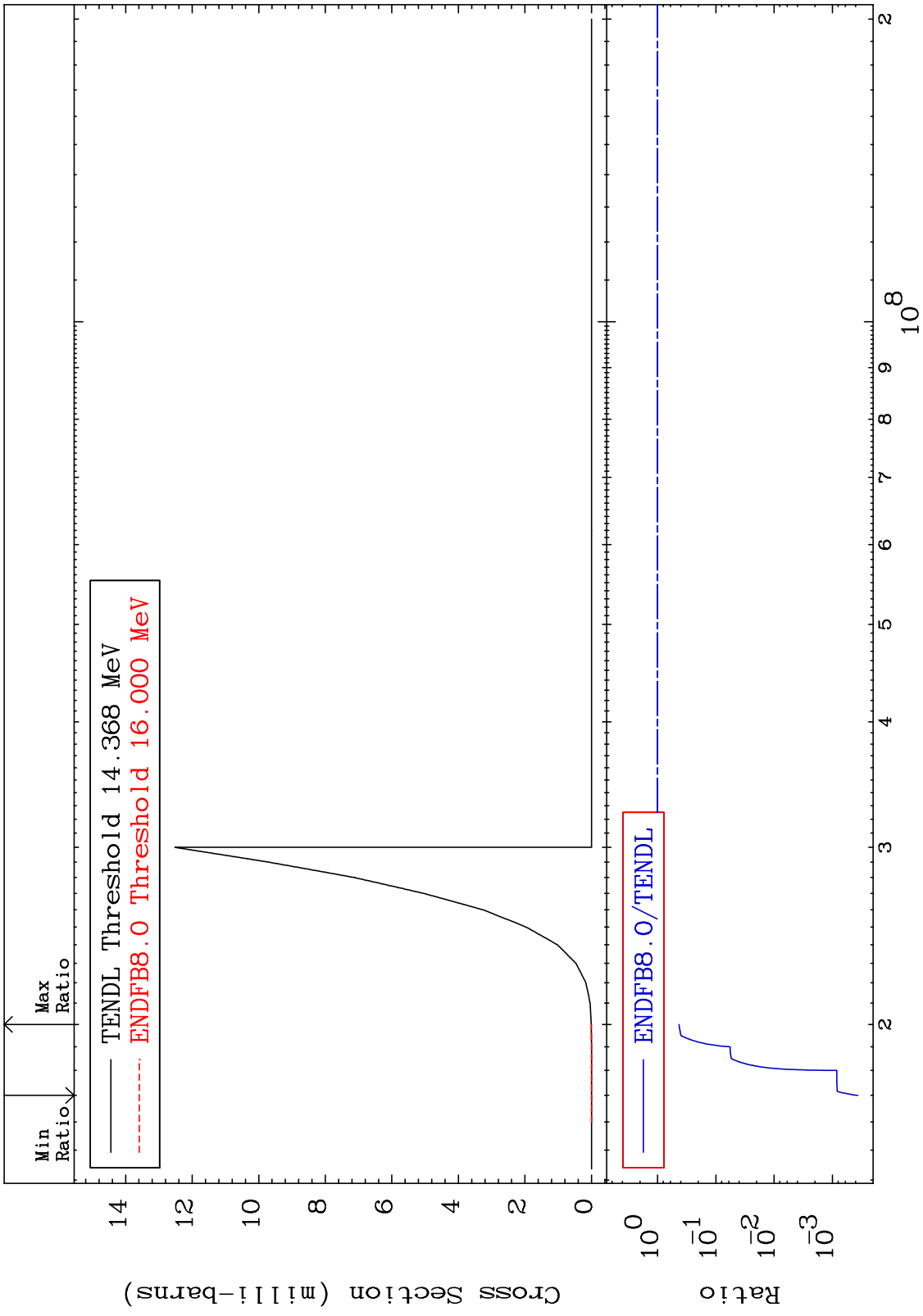


7 Incident Energy (eV) 66-Dy-163

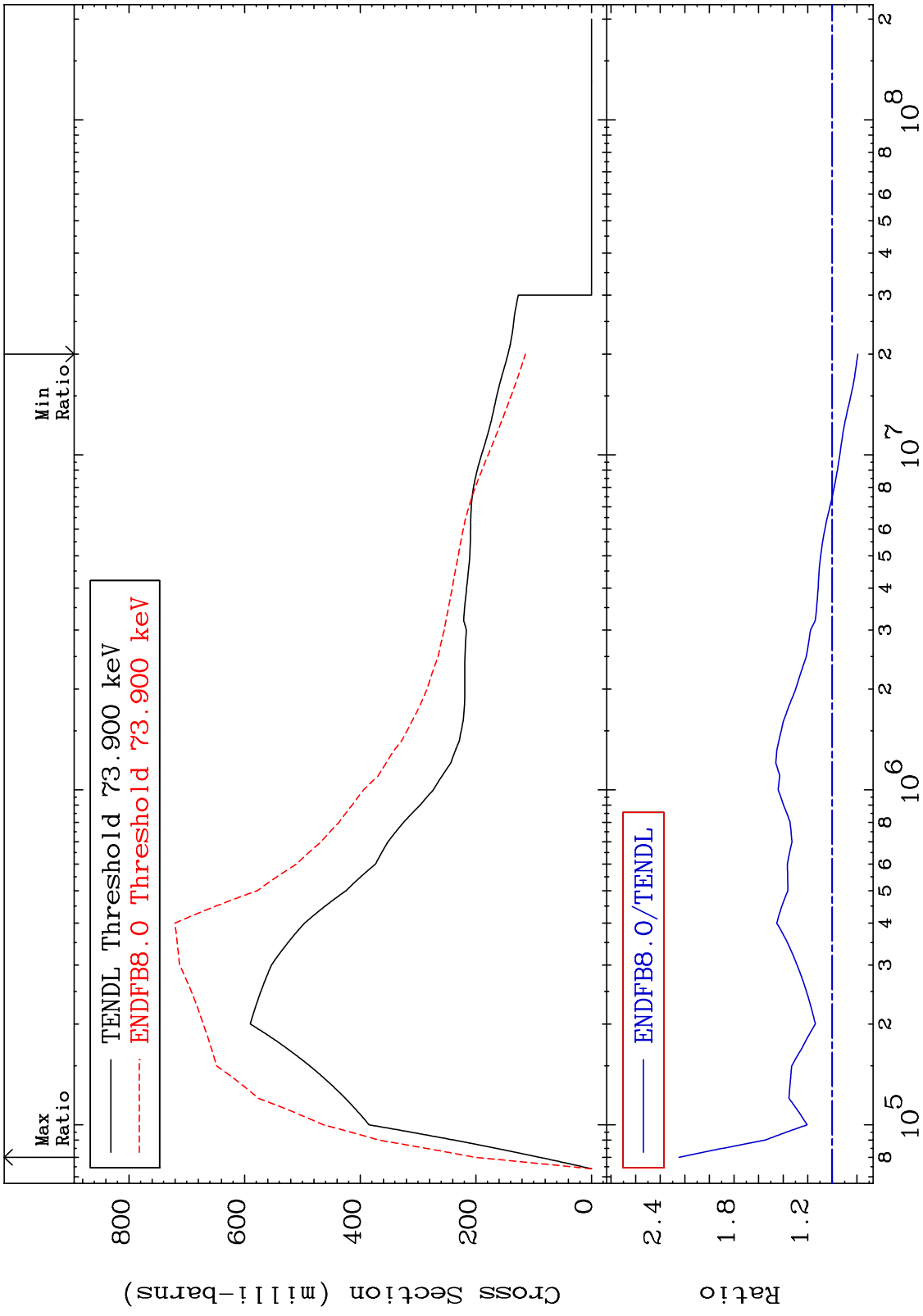




MAT 6646 (n,2n) p 66-Dy-163  
 Cross Section -99.96 To -57.23%

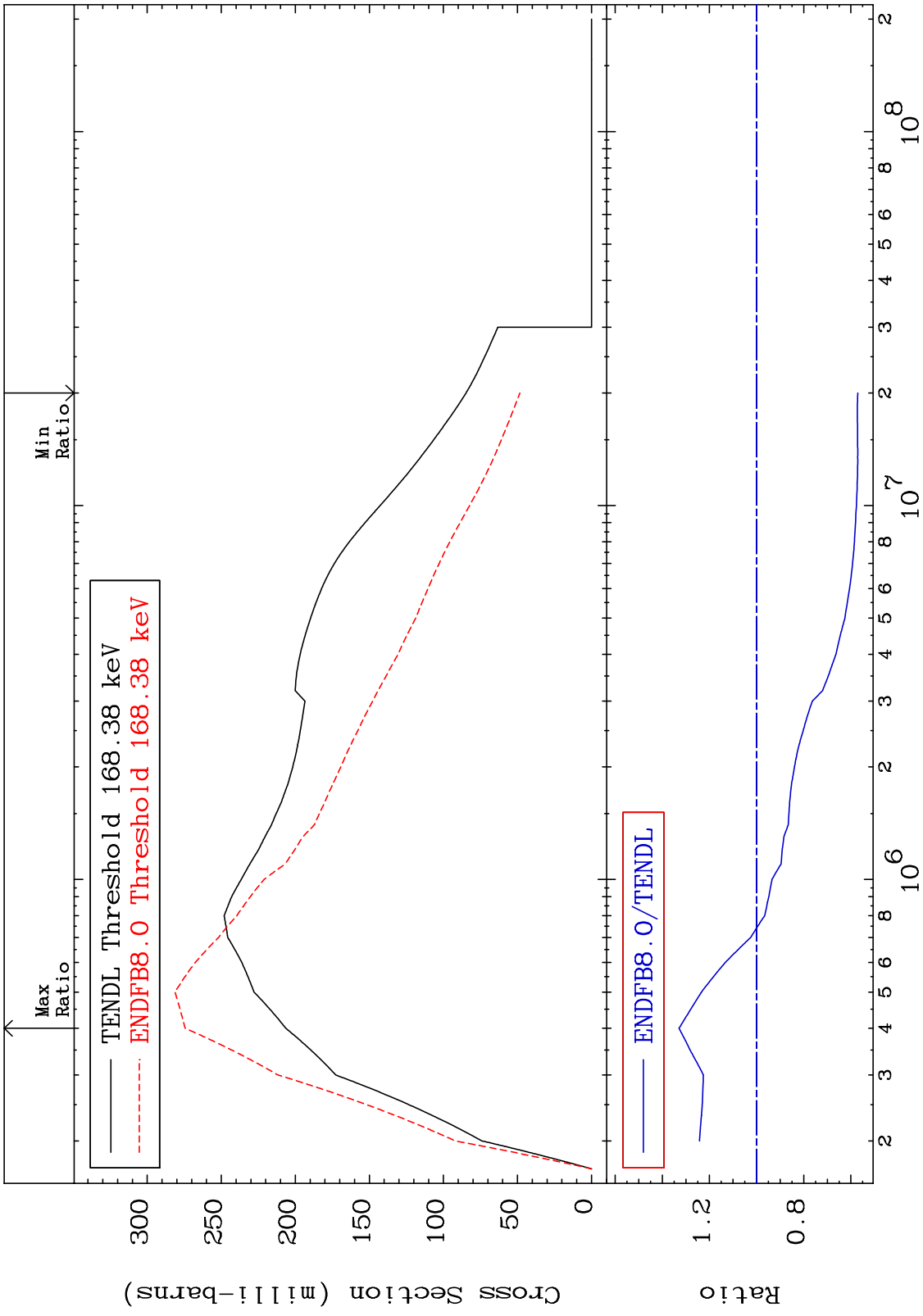


MAT 6646      MT= 51 (n,n') Level      66-Dy-163  
 Cross Section      -20.77 To 124.7 %

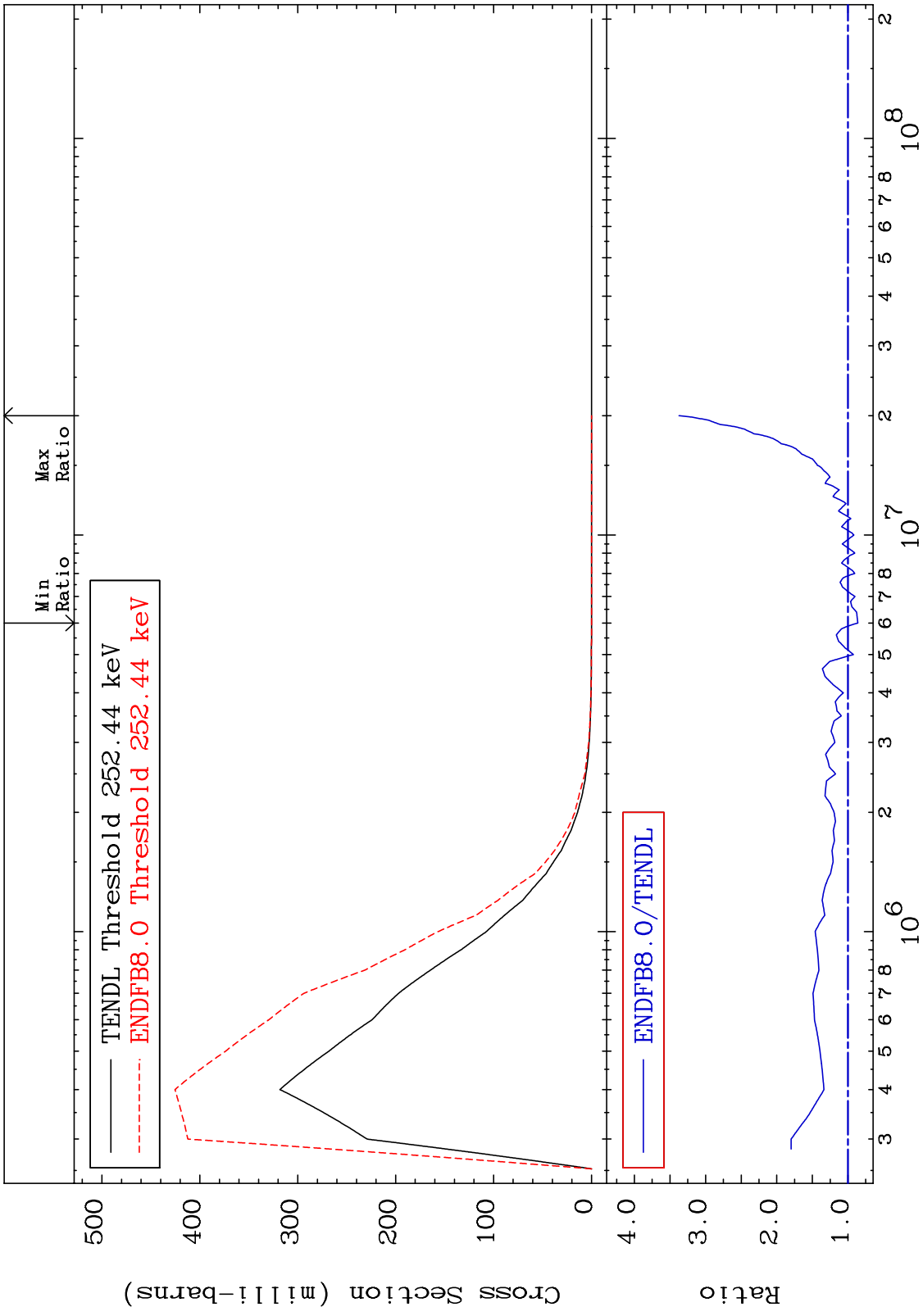


10      Incident Energy (eV)      66-Dy-163

MAT 6646      MT= 52 (n,n') Level      66-Dy-163  
 Cross Section      -42.95 To 32.91 %

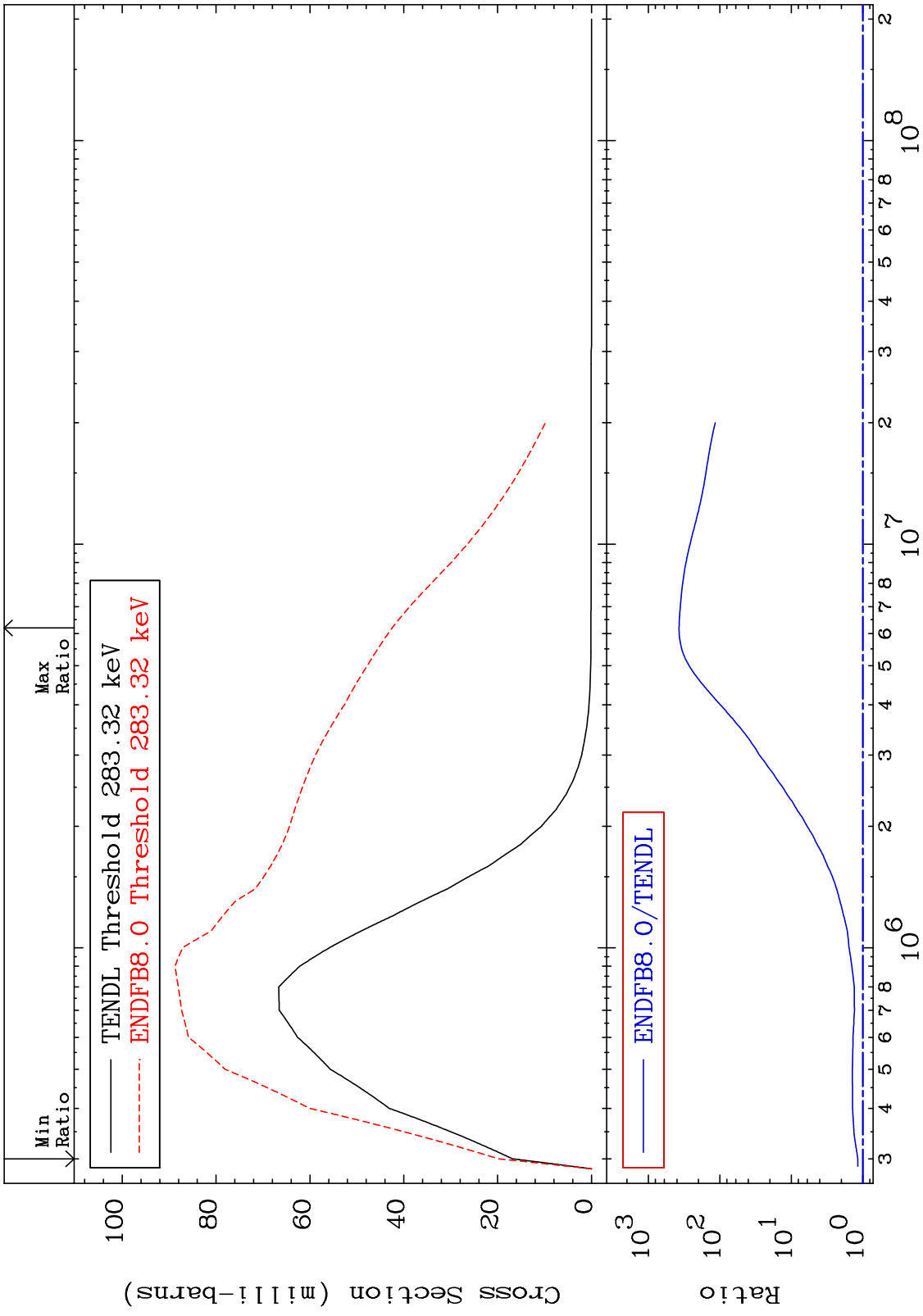


MAT 6646 MT= 53 (n,n') Level Cross Section 66-Dy-163  
 -13.90 To 237.3 %

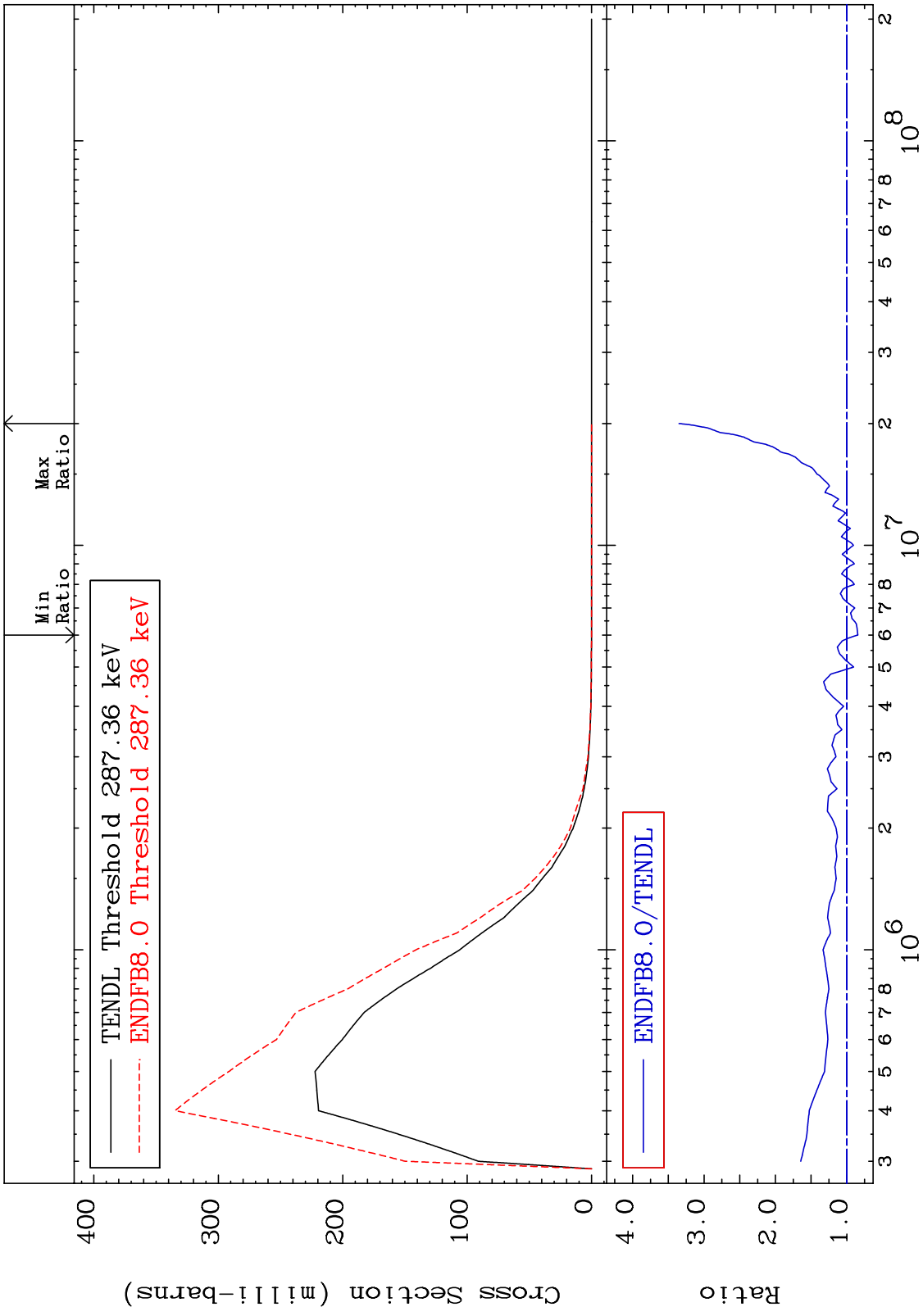


12 Incident Energy (eV) 66-Dy-163

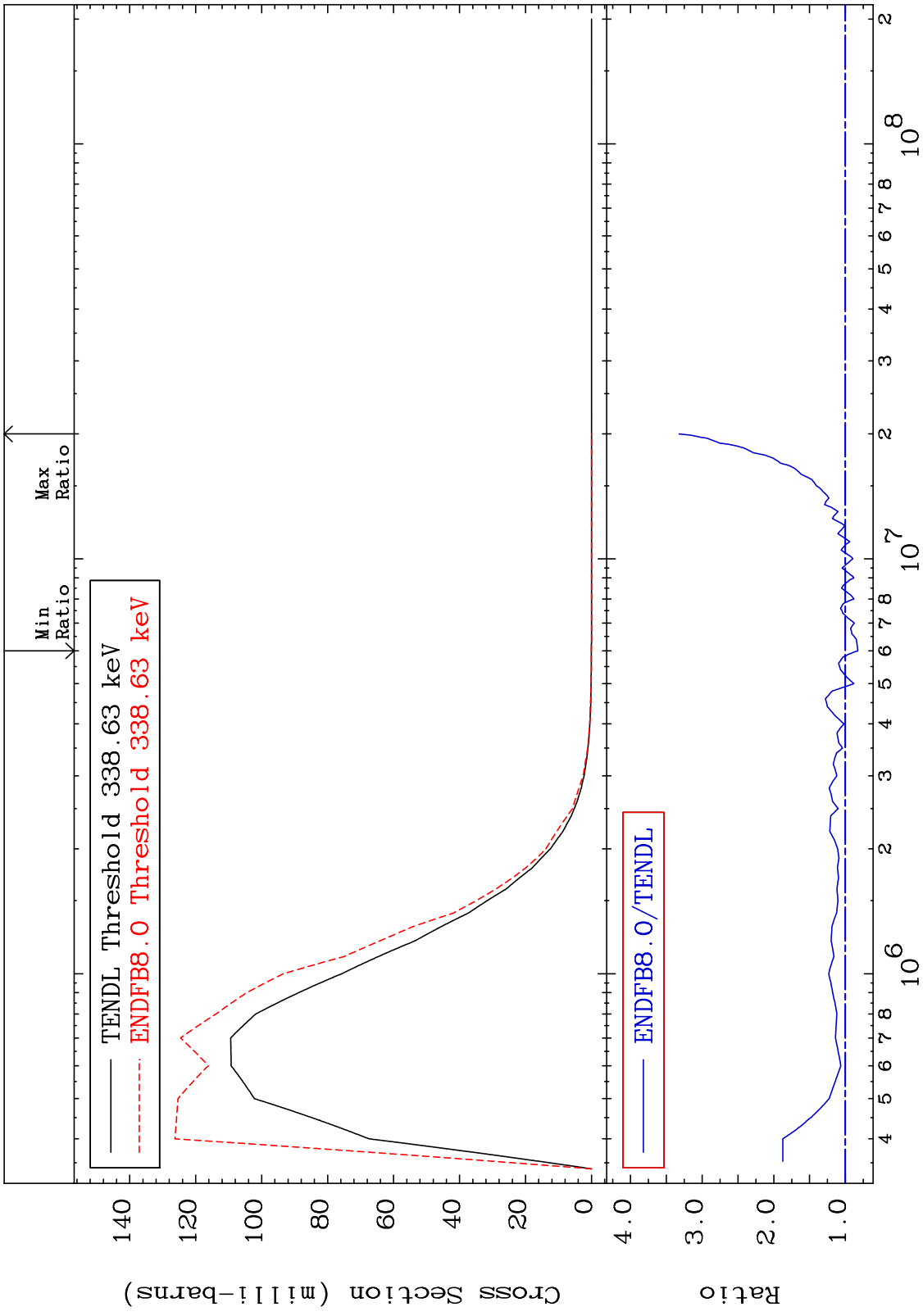
MAT 6646      MT= 54 (n,n') Level Cross Section      66-Dy-163  
 17.60 To 9999. %



MAT 6646 MT= 55 (n,n') Level Cross Section 66-Dy-163  
 -15.46 To 235.0 %



MAT 6646 MT= 56 (n,n') Level Cross Section 66-Dy-163  
 -17.39 To 232.3 %

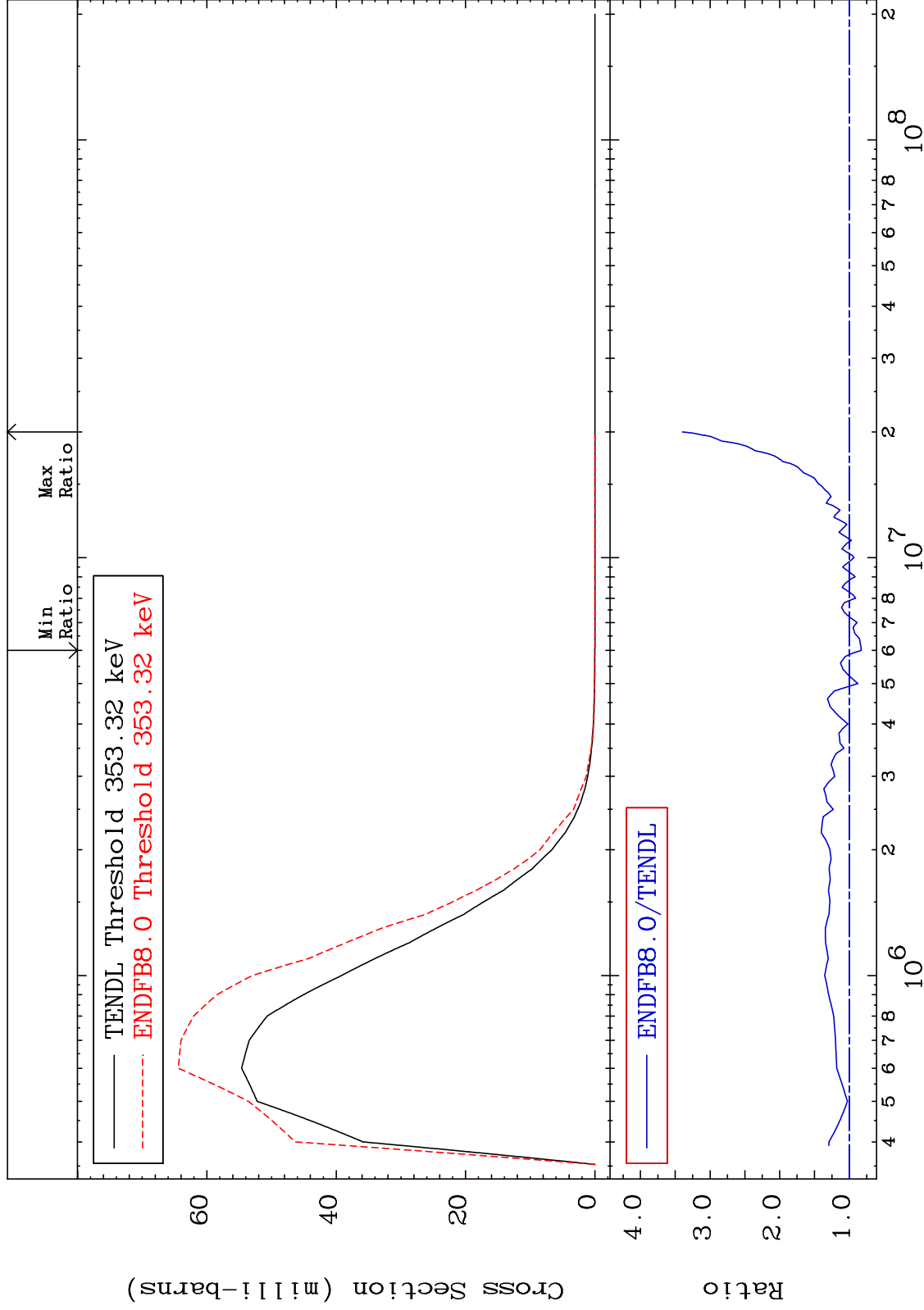




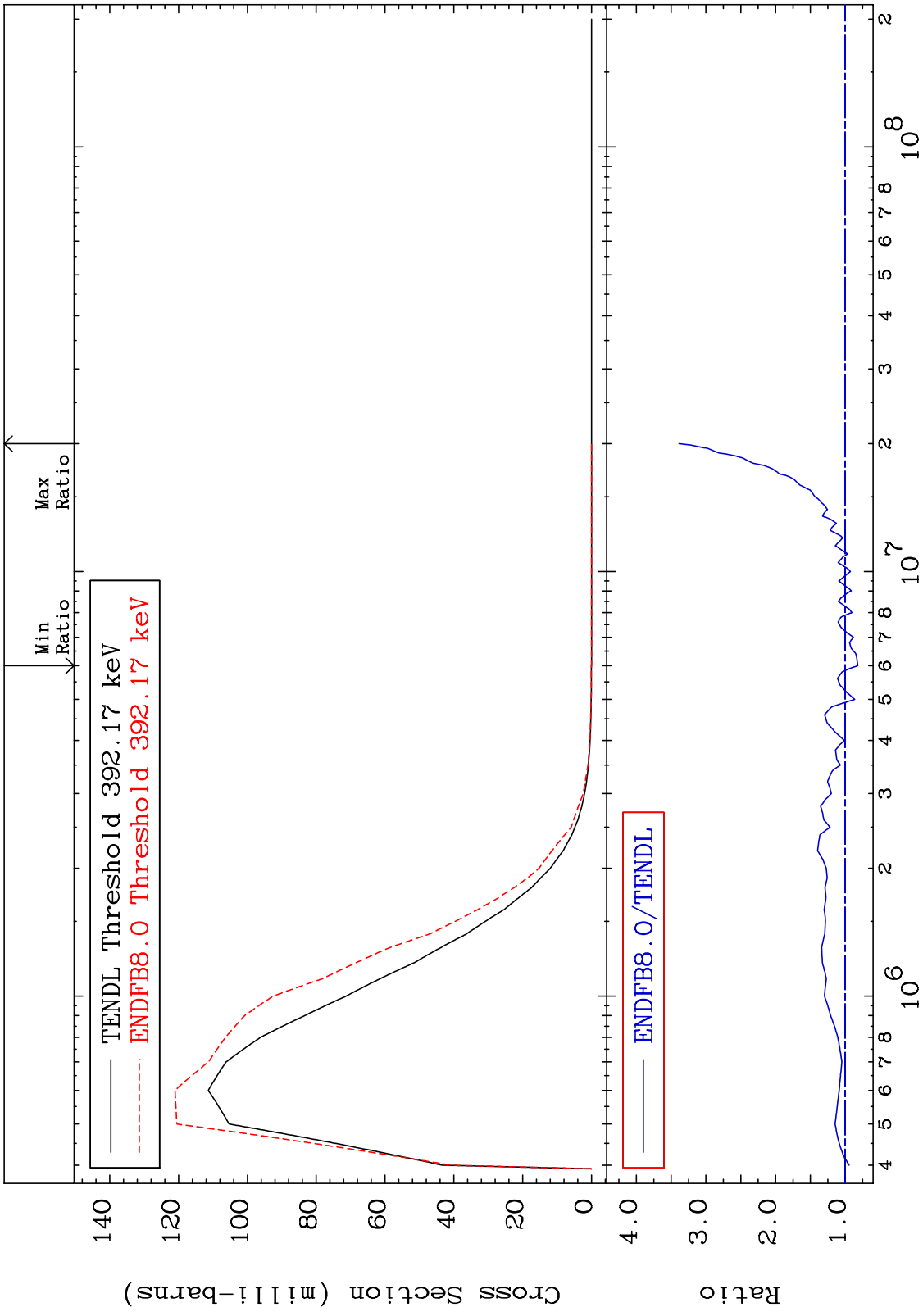
MAT 6646

MT= 57 (n,n') Level  
Cross Section

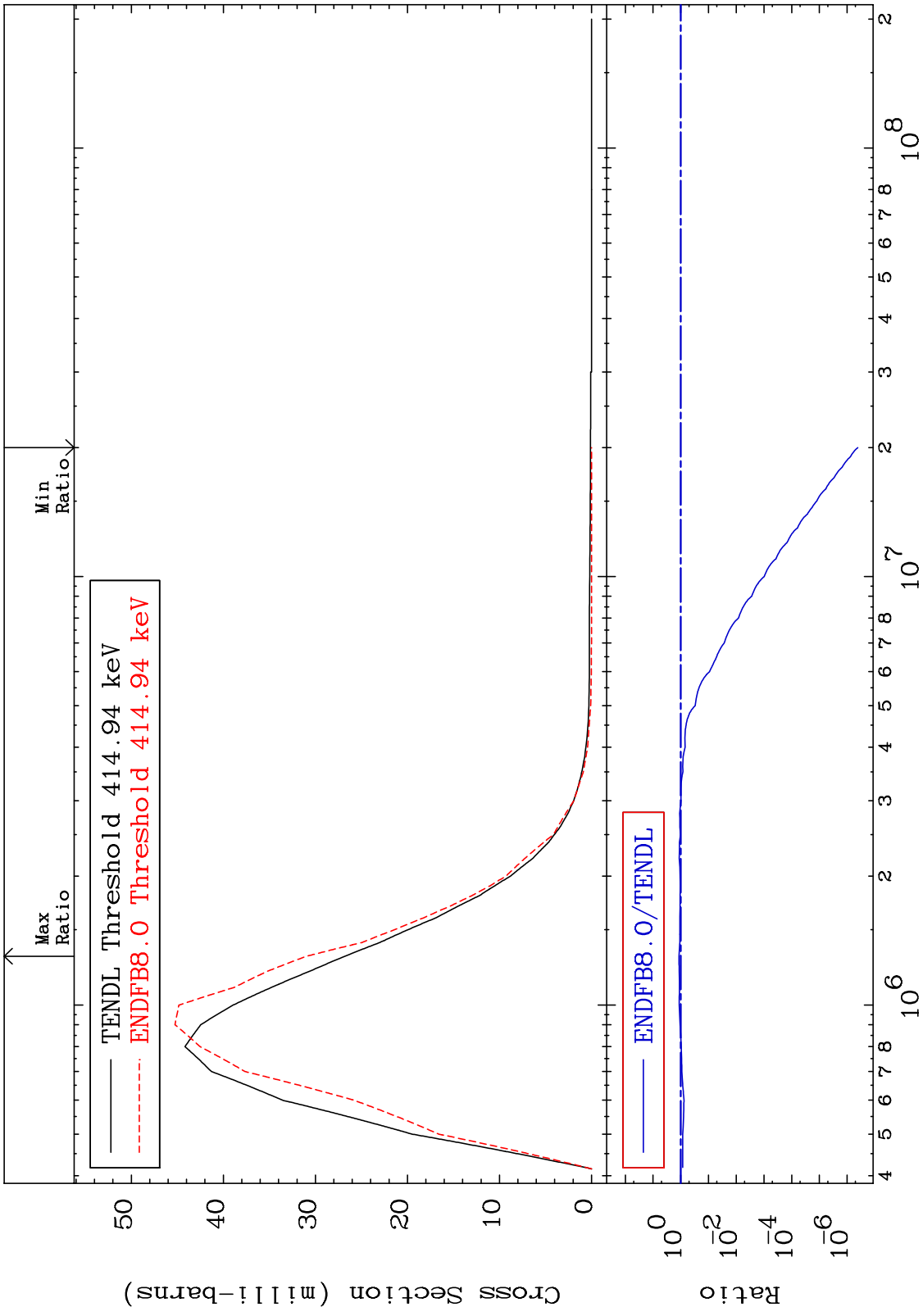
66-Dy-163  
-17.32 To 239.7 %



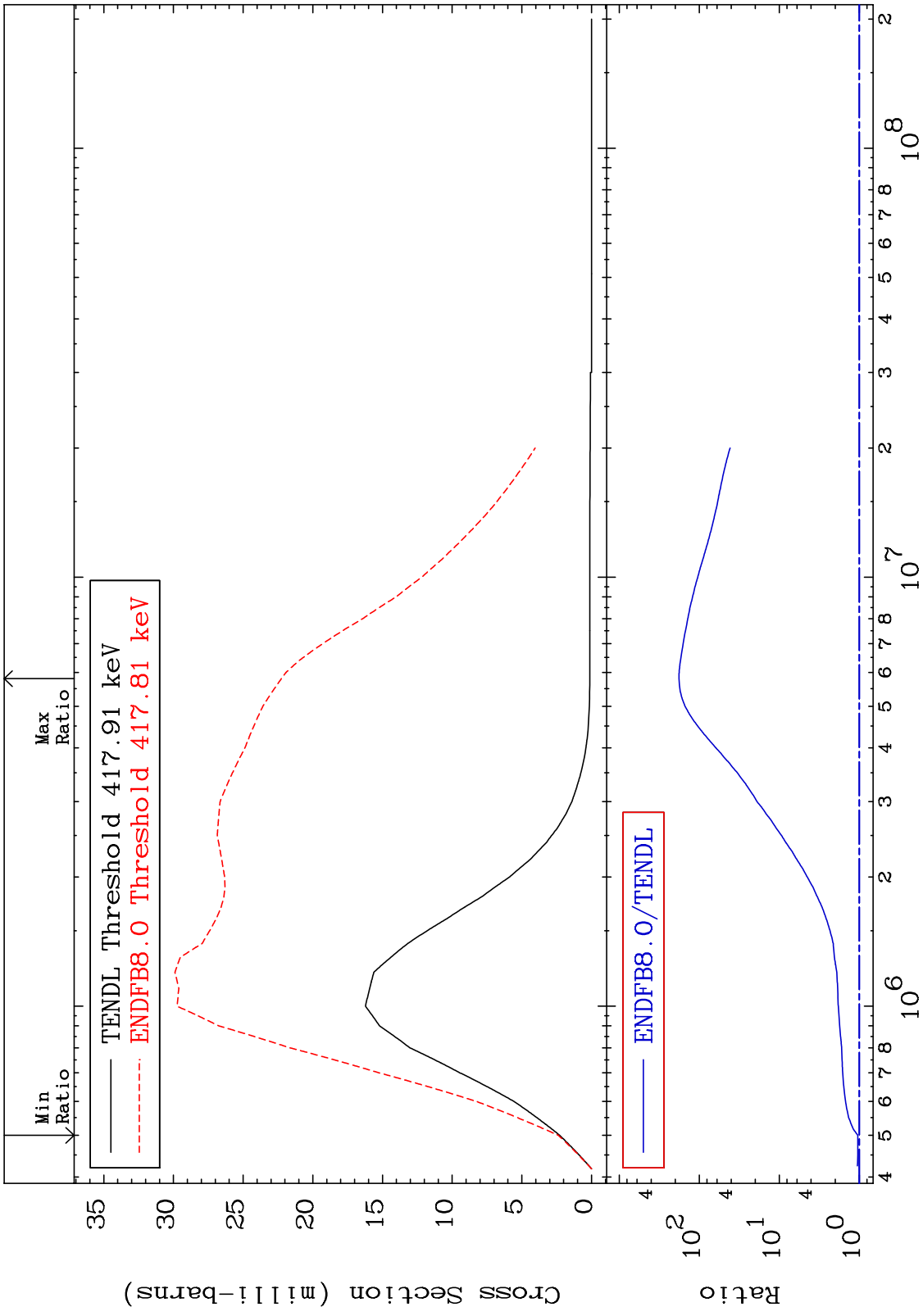
MAT 6646 MT= 58 (n,n') Level Cross Section 66-Dy-163  
 -18.15 To 238.7 %



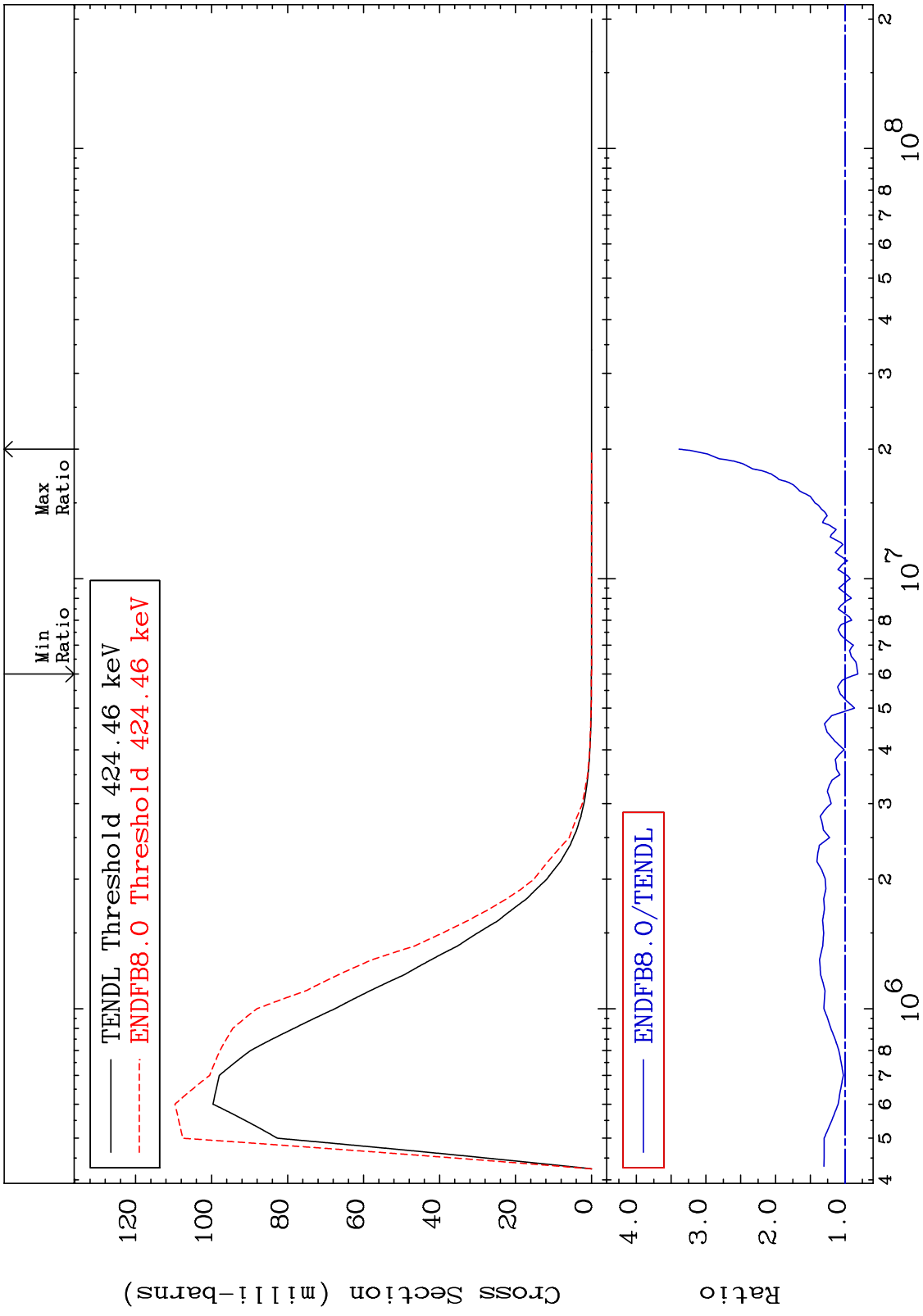
MAT 6646 MT= 59 (n,n') Level Cross Section 66-Dy-163  
 -100.0 To 15.59 %



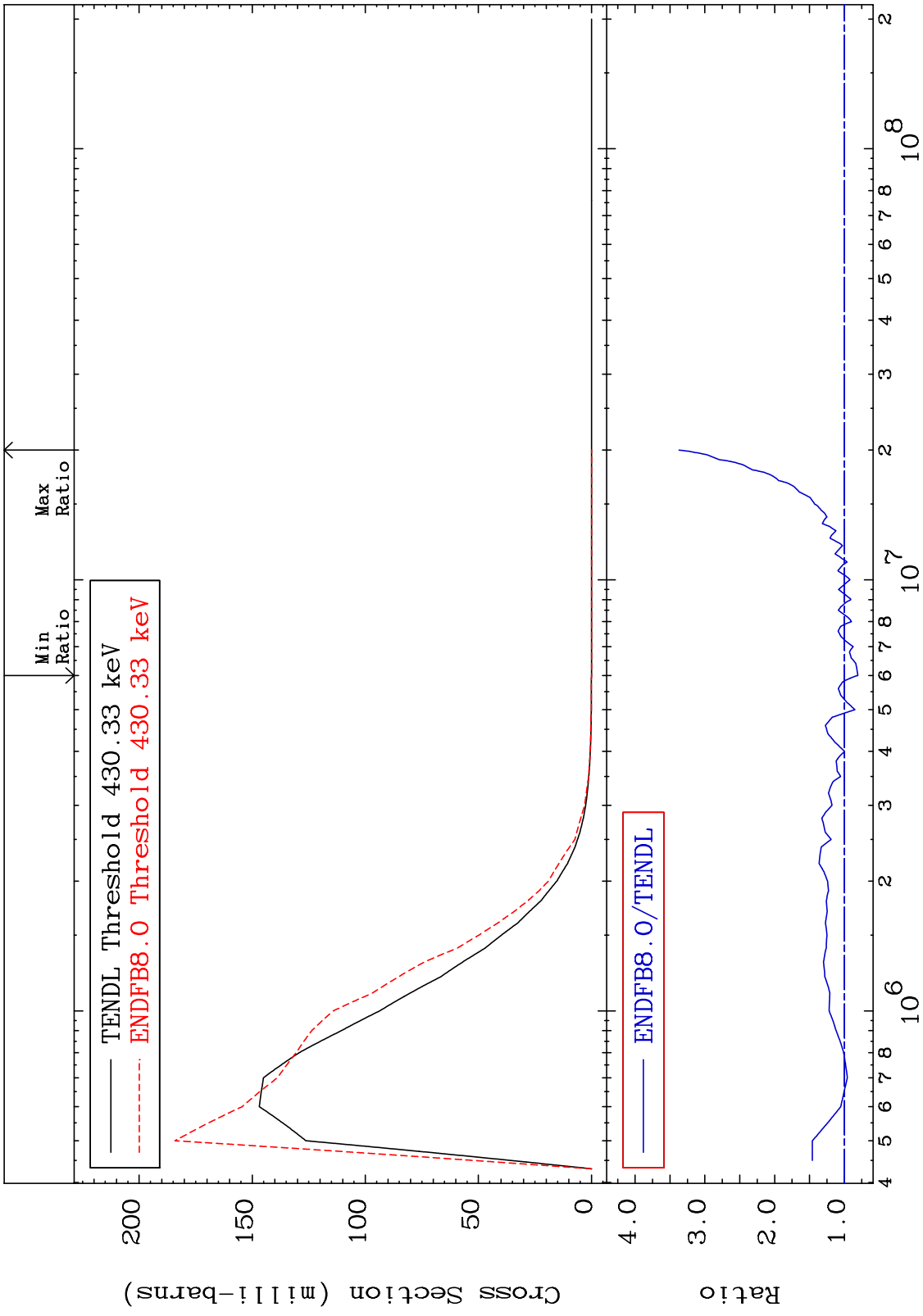
MAT 6646 MT= 60 (n,n') Level Cross Section 66-Dy-163  
 4.236 To 9999. %



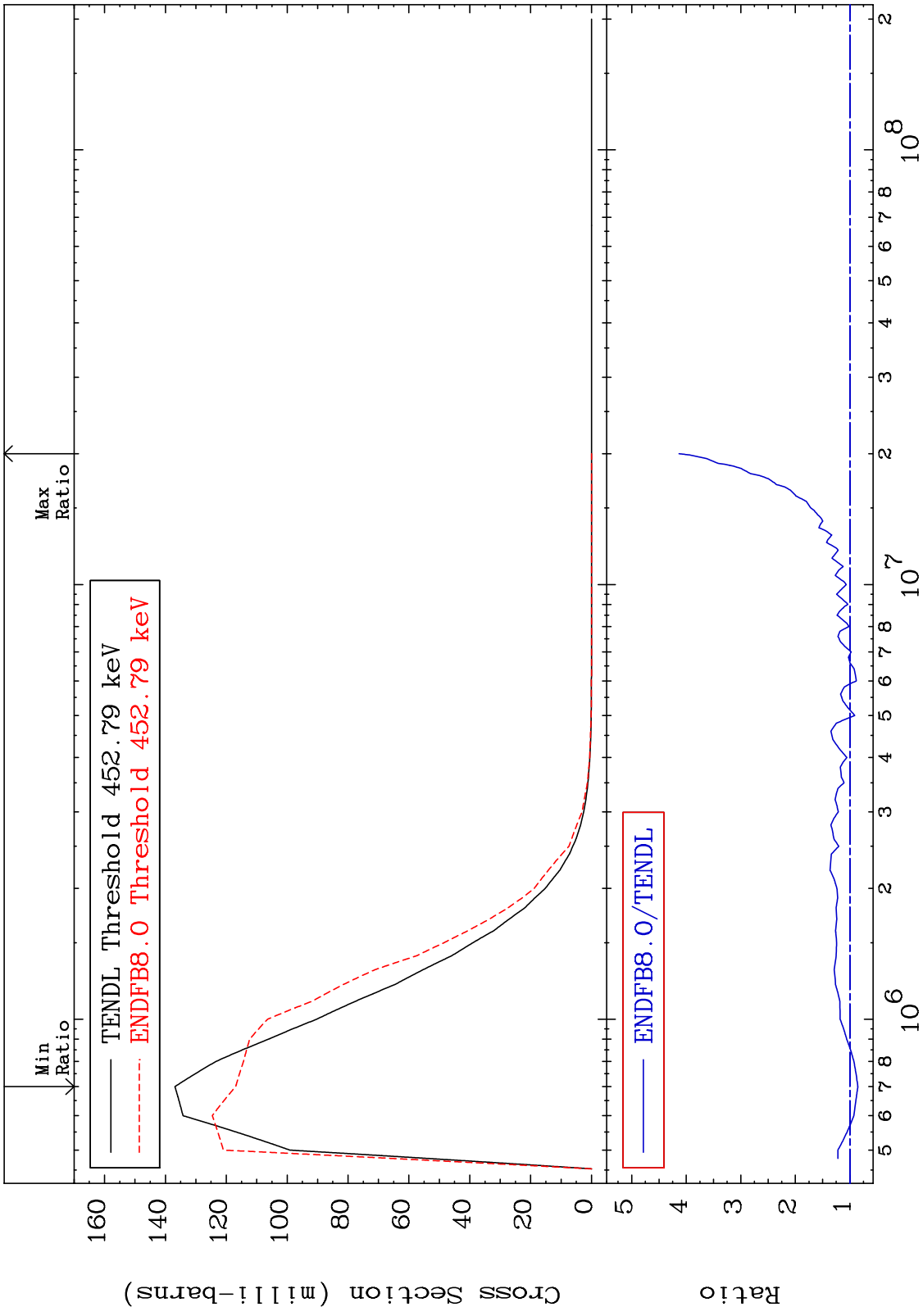
MAT 6646 MT= 61 (n,n') Level Cross Section 66-Dy-163  
 -18.32 To 238.6 %



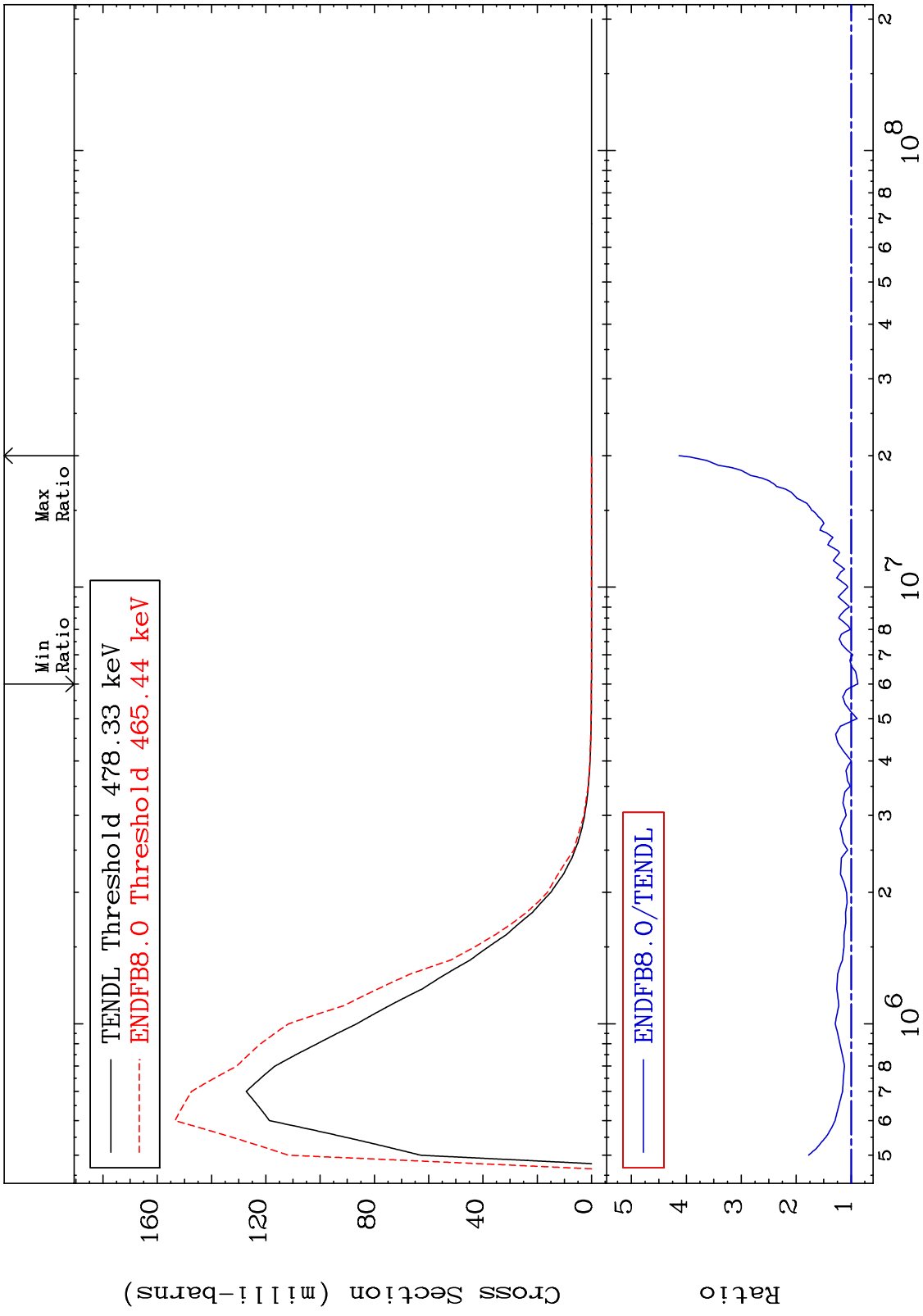
MAT 6646      MT= 62 (n,n') Level Cross Section      66-Dy-163  
 -19.30 To 237.0 %



MAT 6646      MT= 63 (n,n') Level Cross Section      66-Dy-163  
 -14.57 To 313.2 %

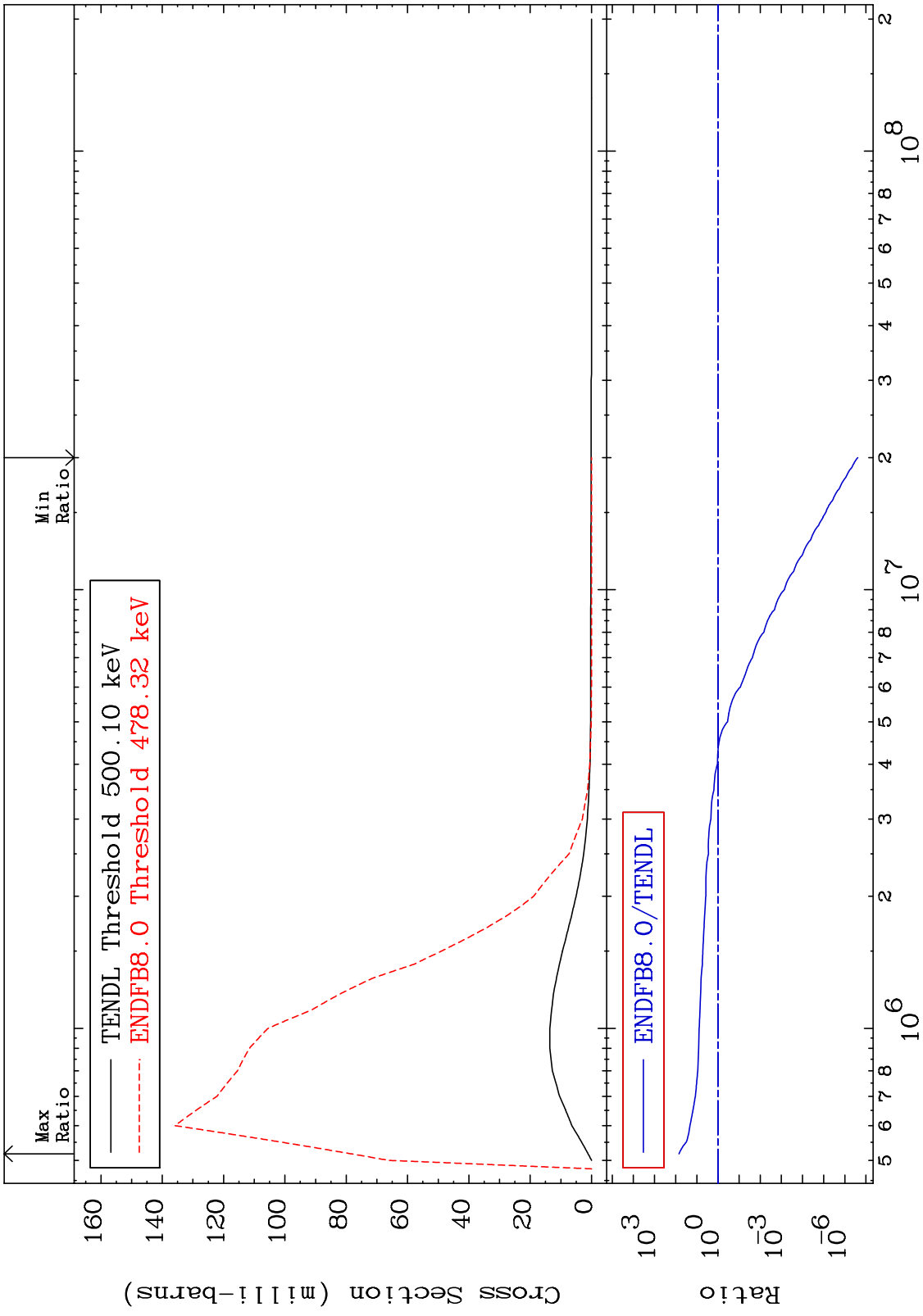


MAT 6646 MT= 64 (n,n') Level Cross Section 66-Dy-163  
 -12.16 To 313.3 %

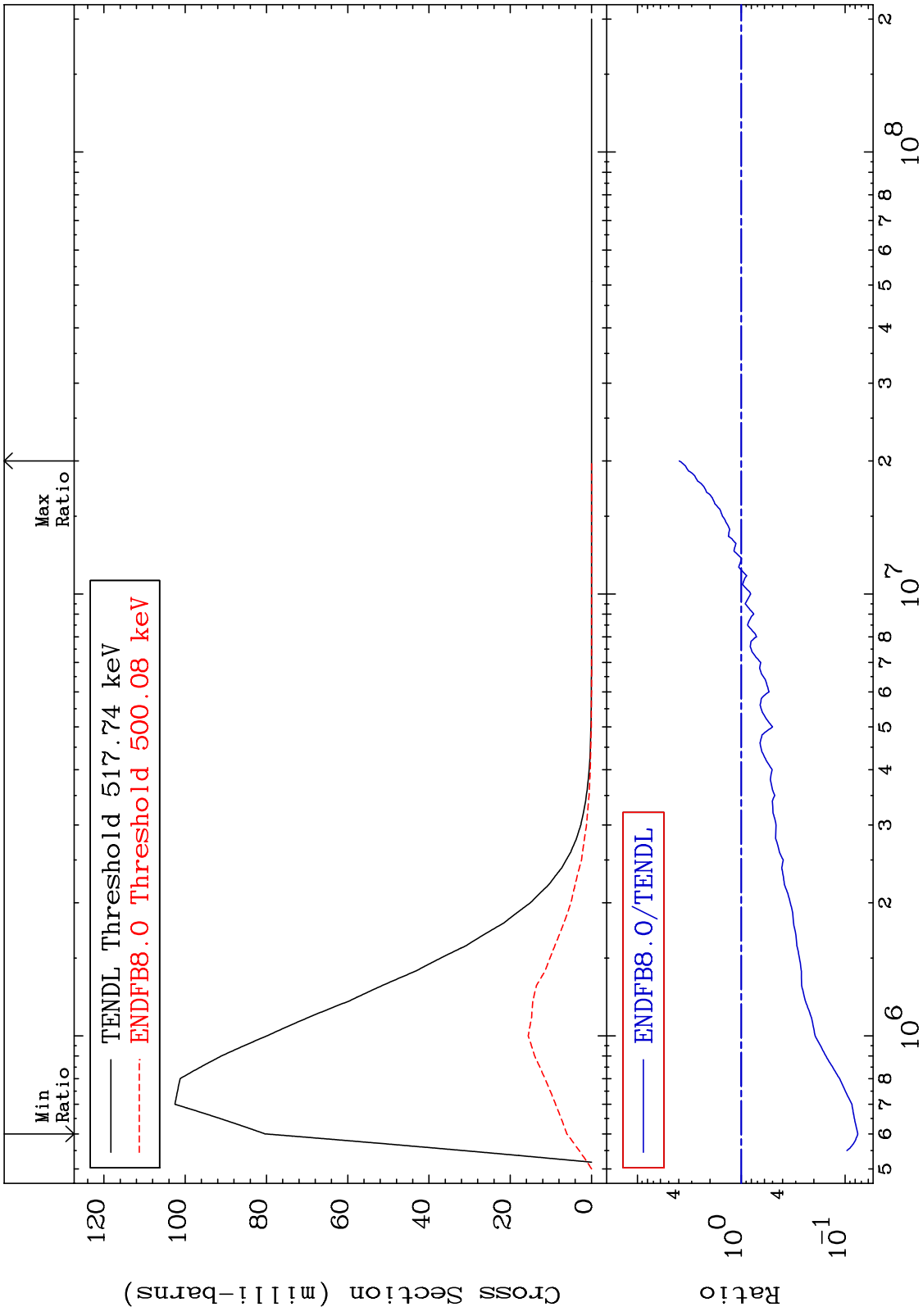




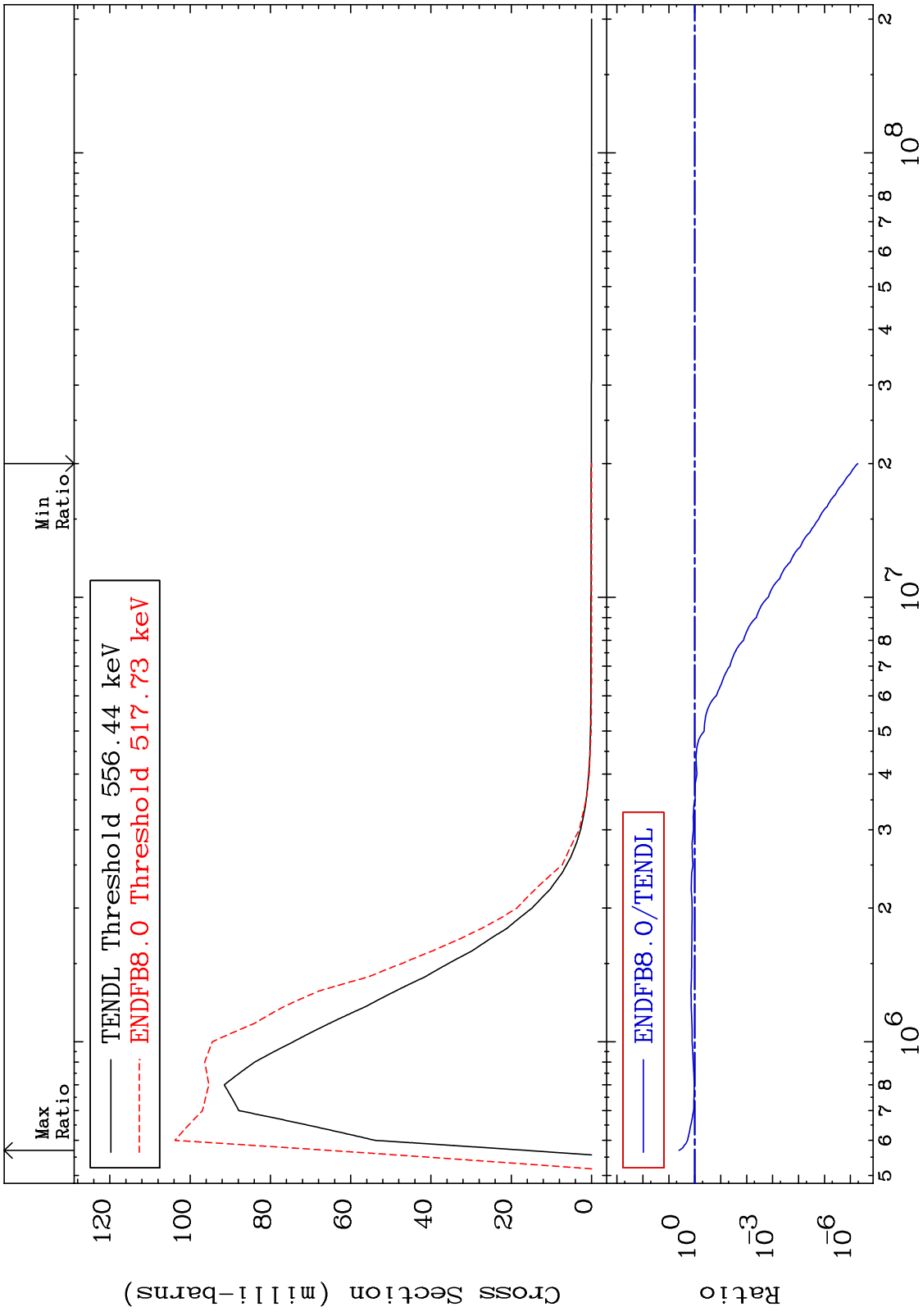
MAT 6646 MT= 65 (n,n') Level Cross Section 66-Dy-163  
 -100.0 To 6830. %



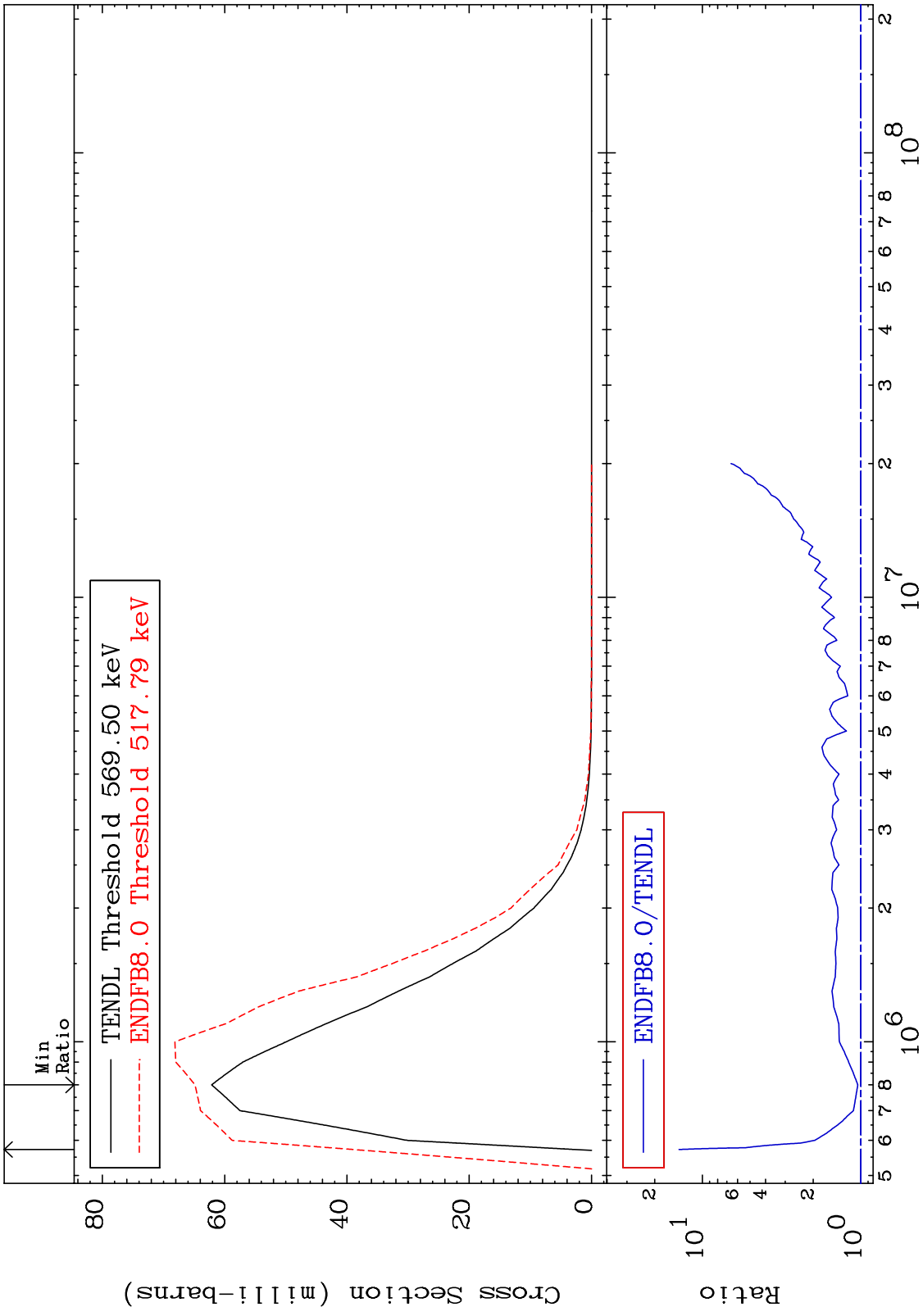
MAT 6646 MT= 66 (n,n') Level Cross Section 66-Dy-163  
 -92.44 To 297.2 %



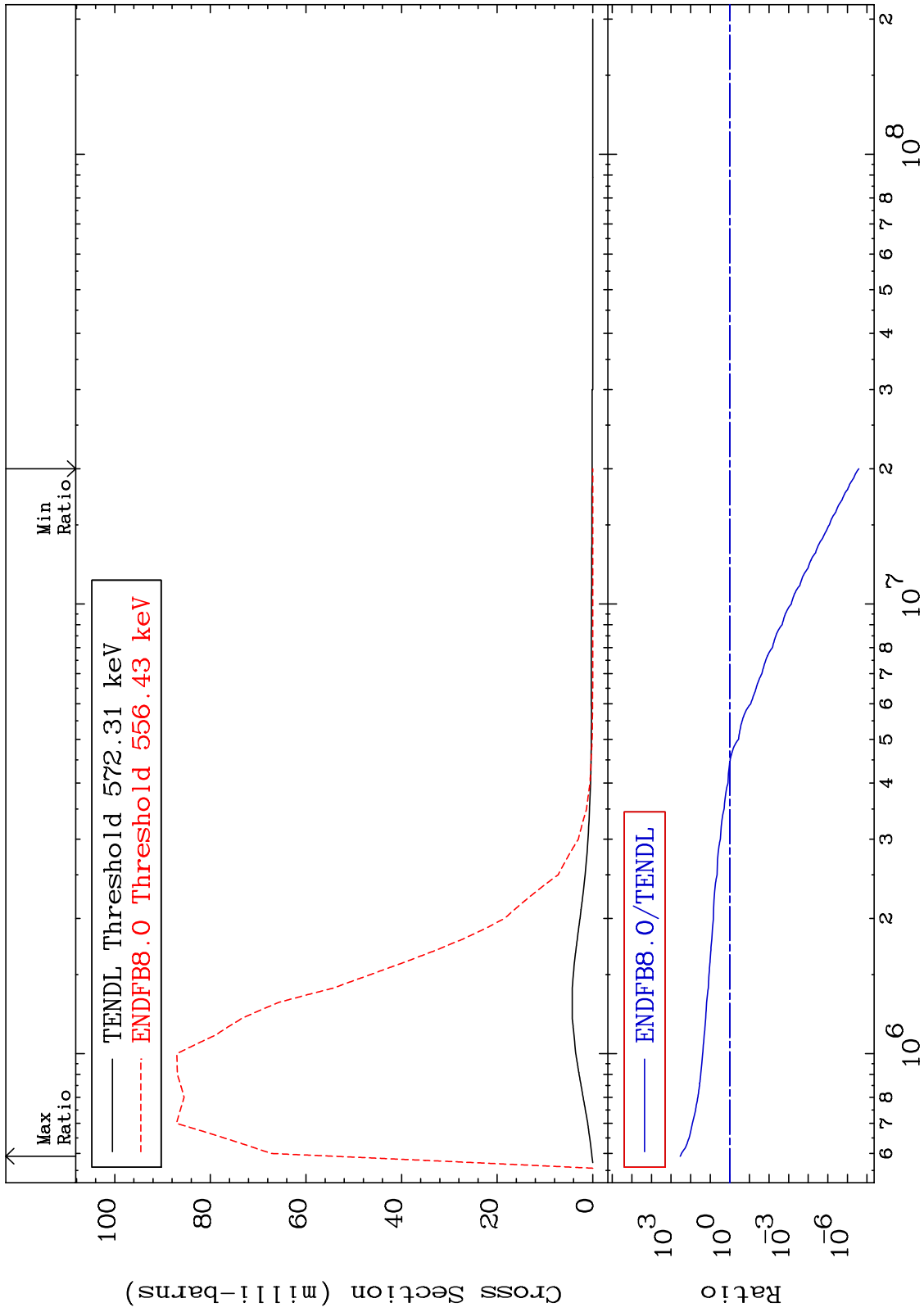
MAT 6646      MT= 67 (n,n') Level      66-Dy-163  
 Cross Section      -100.0 To 303.9 %



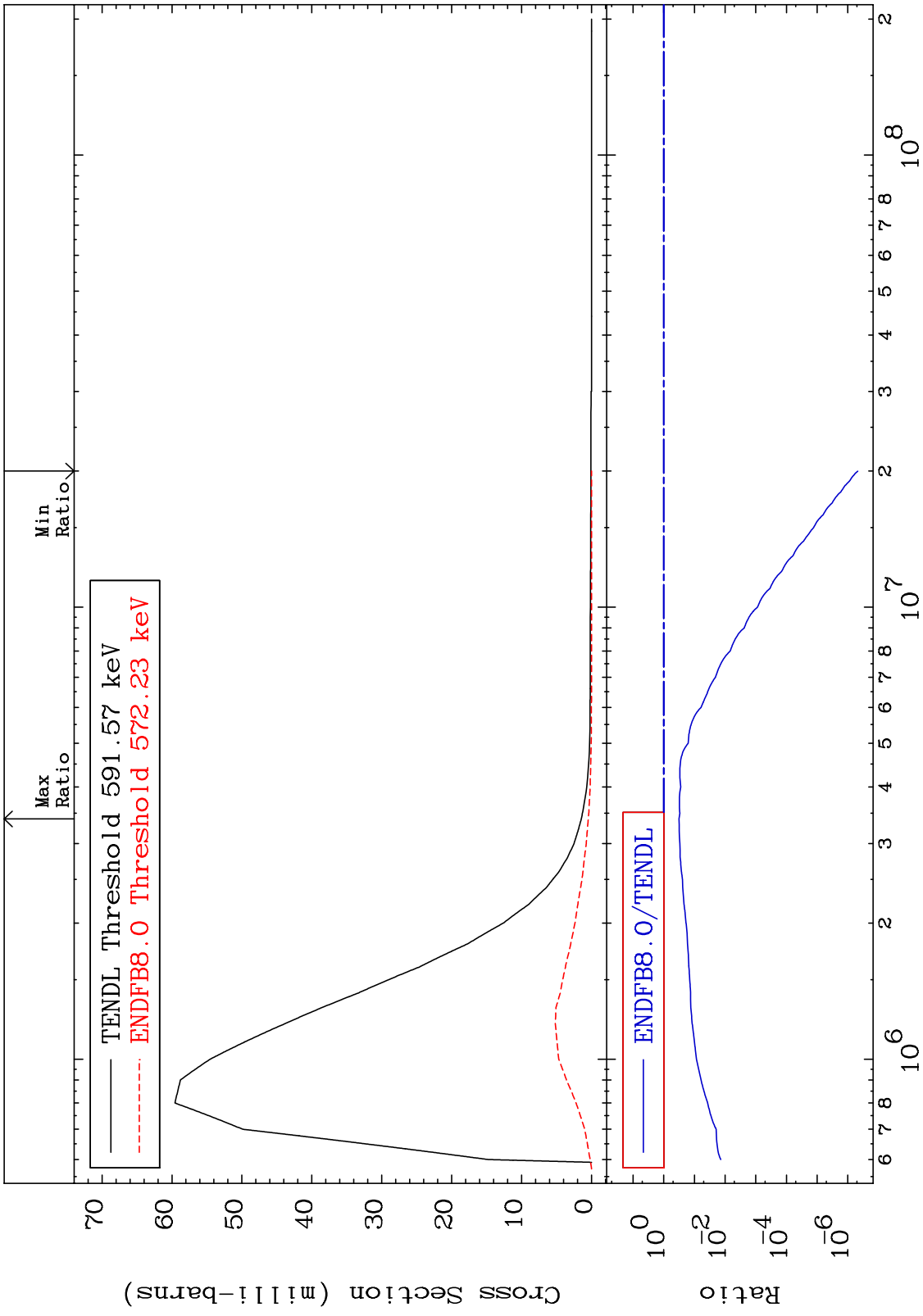
MAT 6646 MT= 68 (n,n') Level Cross Section 66-Dy-163  
 4.355 To 1305. %



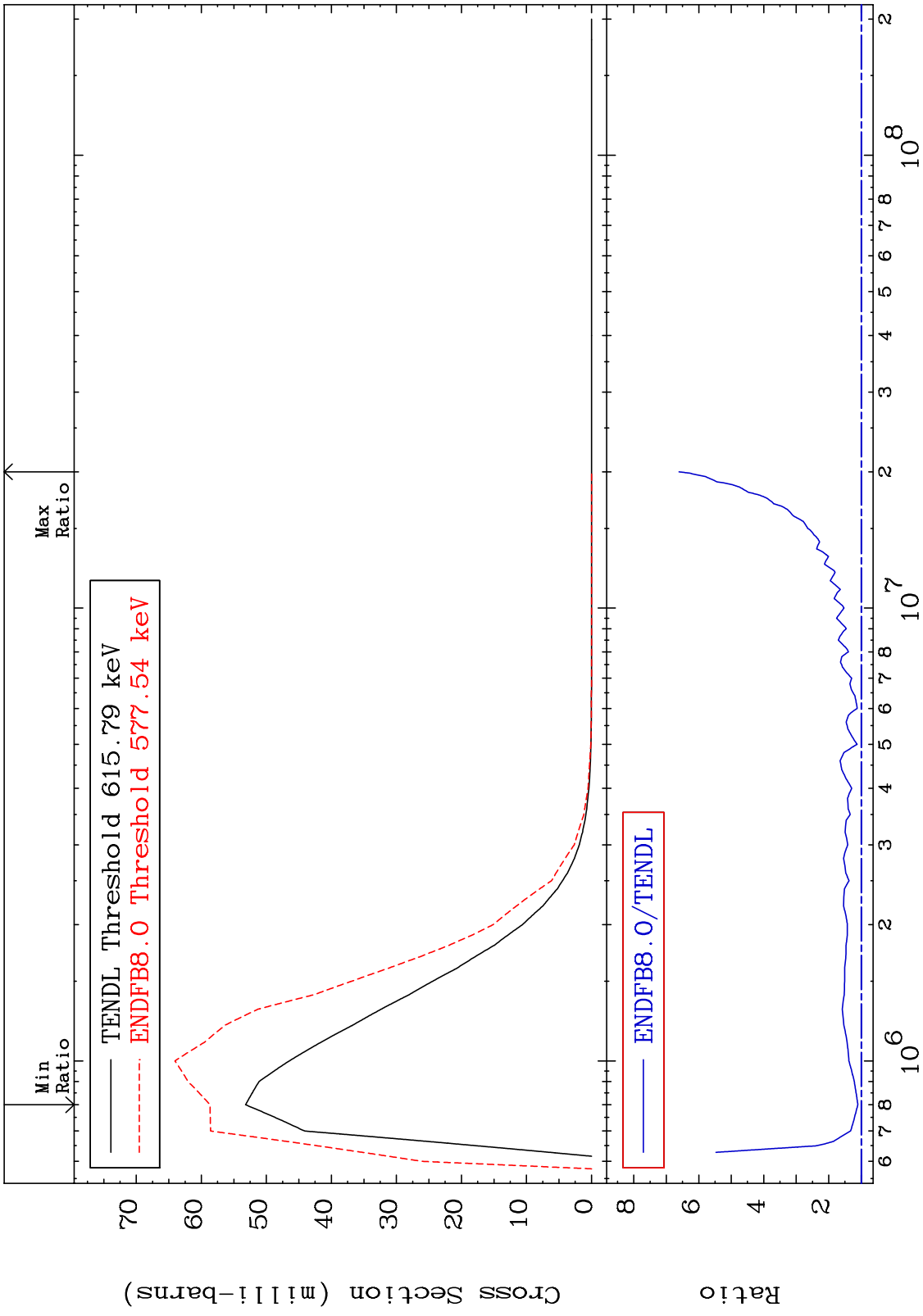
MAT 6646      MT= 69 (n,n') Level      66-Dy-163  
 Cross Section      -100.0 To 9999. %



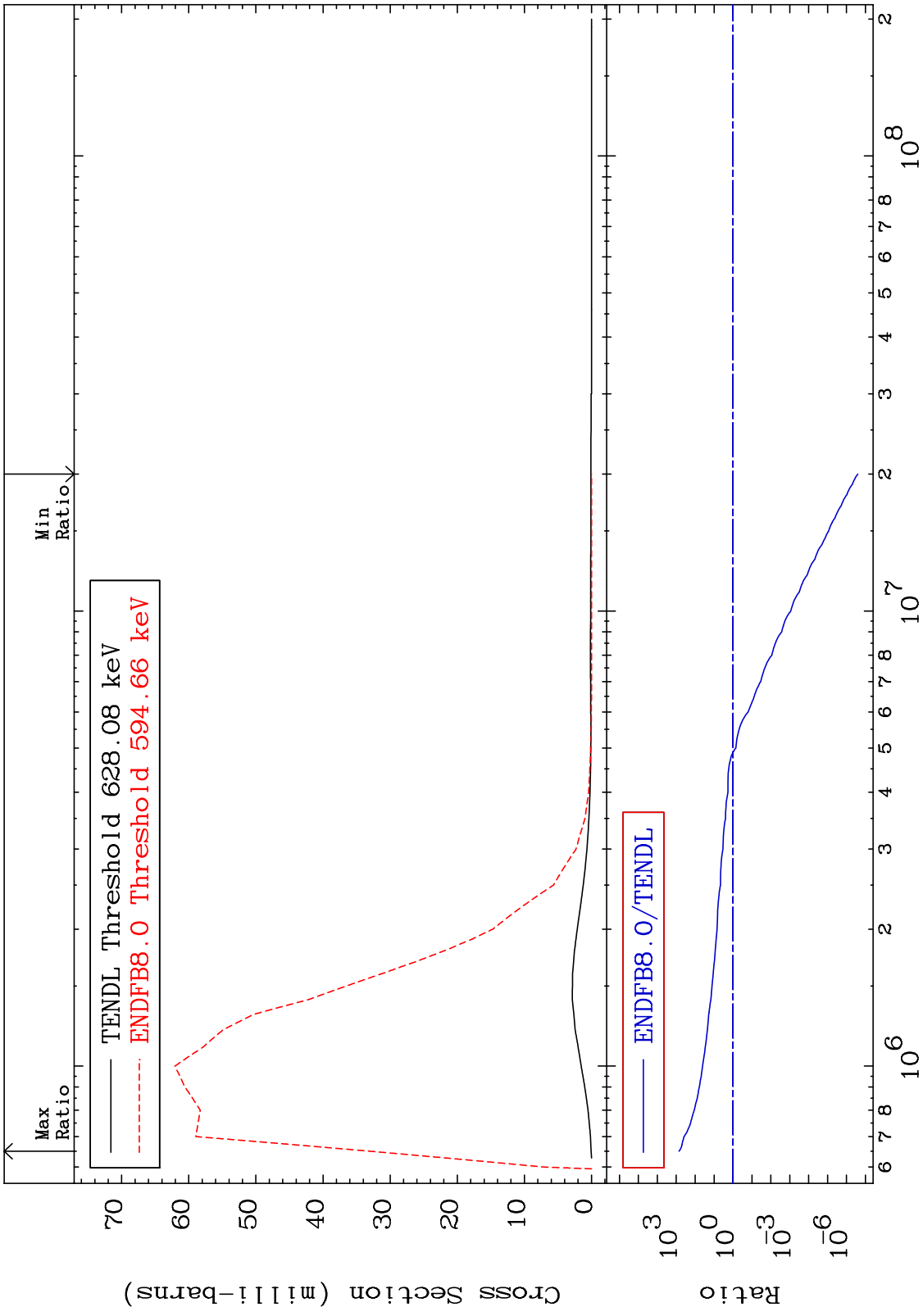
MAT 6646      MT= 70 (n,n') Level Cross Section      66-Dy-163  
 -100.0 To -68.26%



MAT 6646 MT= 71 (n,n') Level Cross Section 66-Dy-163 10.30 To 560.8 %

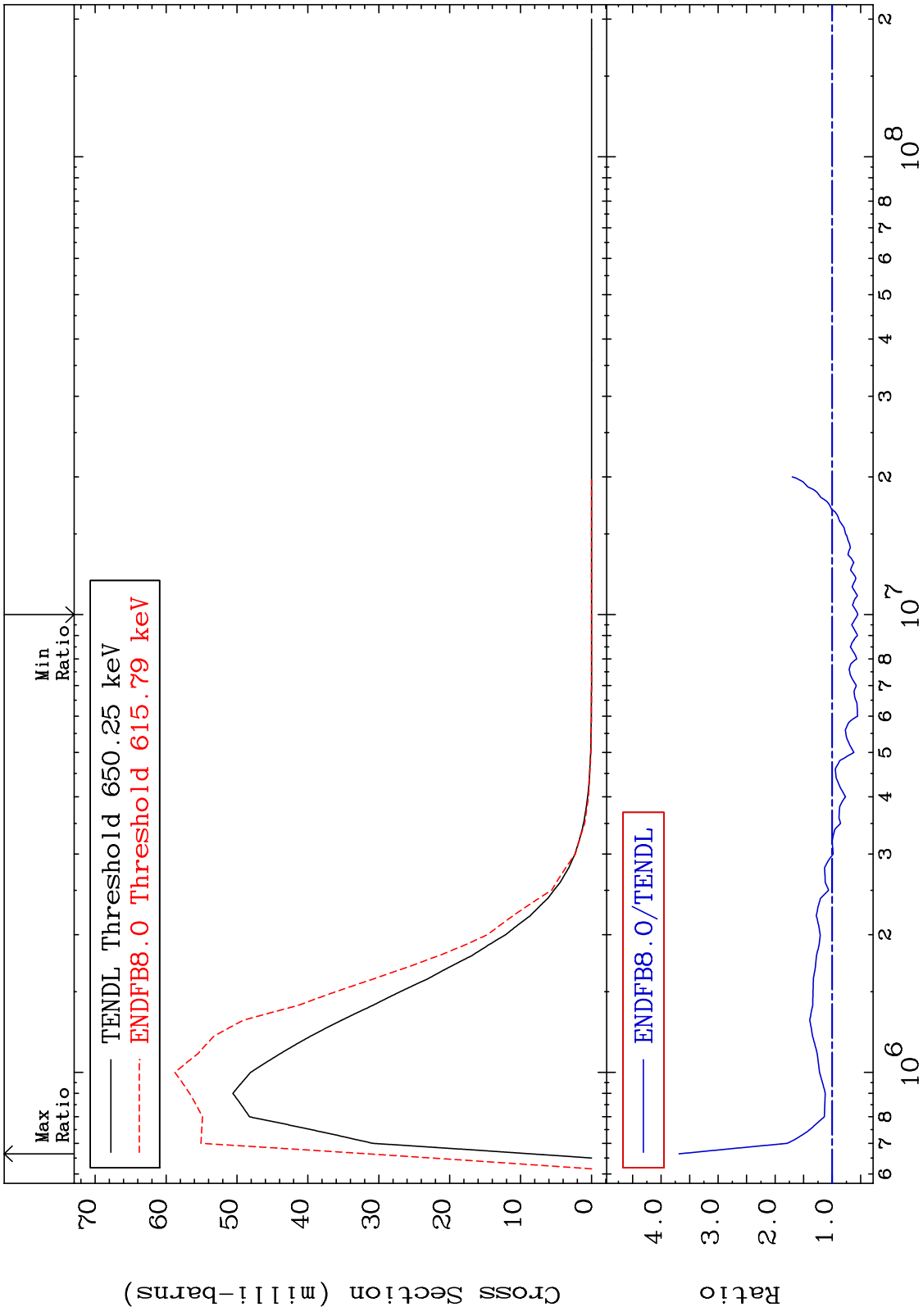


MAT 6646      MT= 72 (n,n') Level      66-Dy-163  
 Cross Section      -100.0 To 9999. %

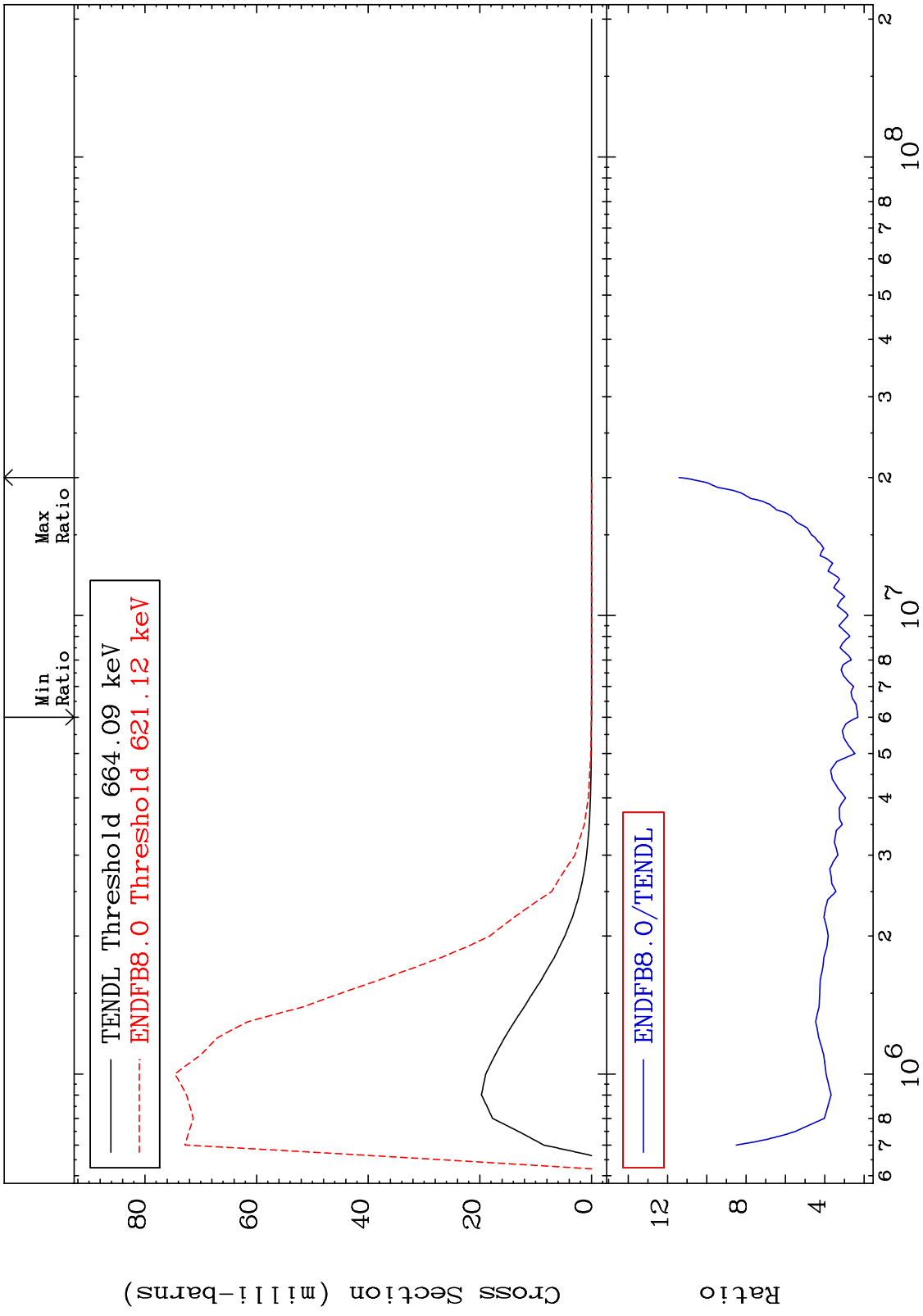




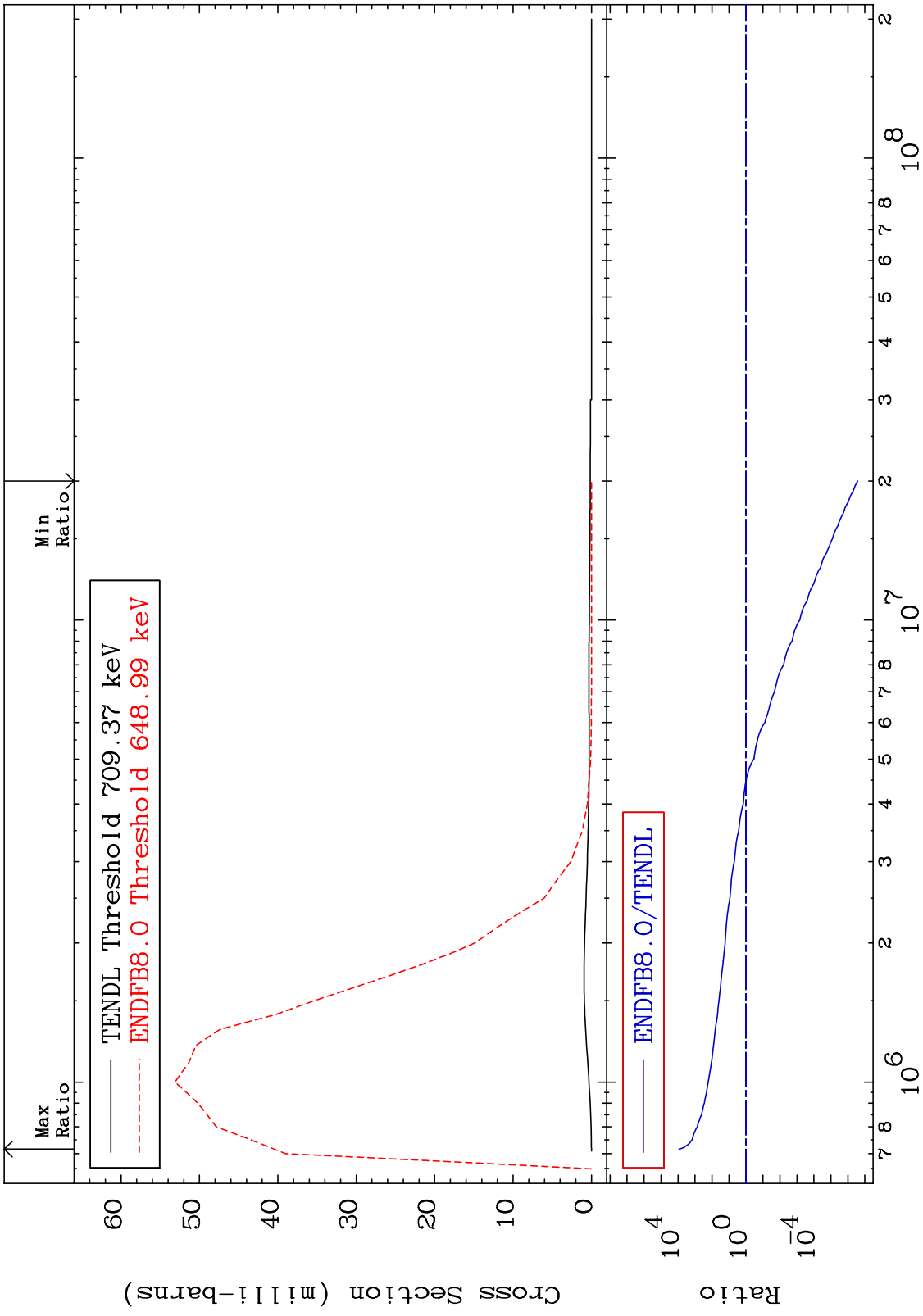
MAT 6646      MT= 73 (n,n') Level      66-Dy-163  
 Cross Section      -45.00 To 268.5 %



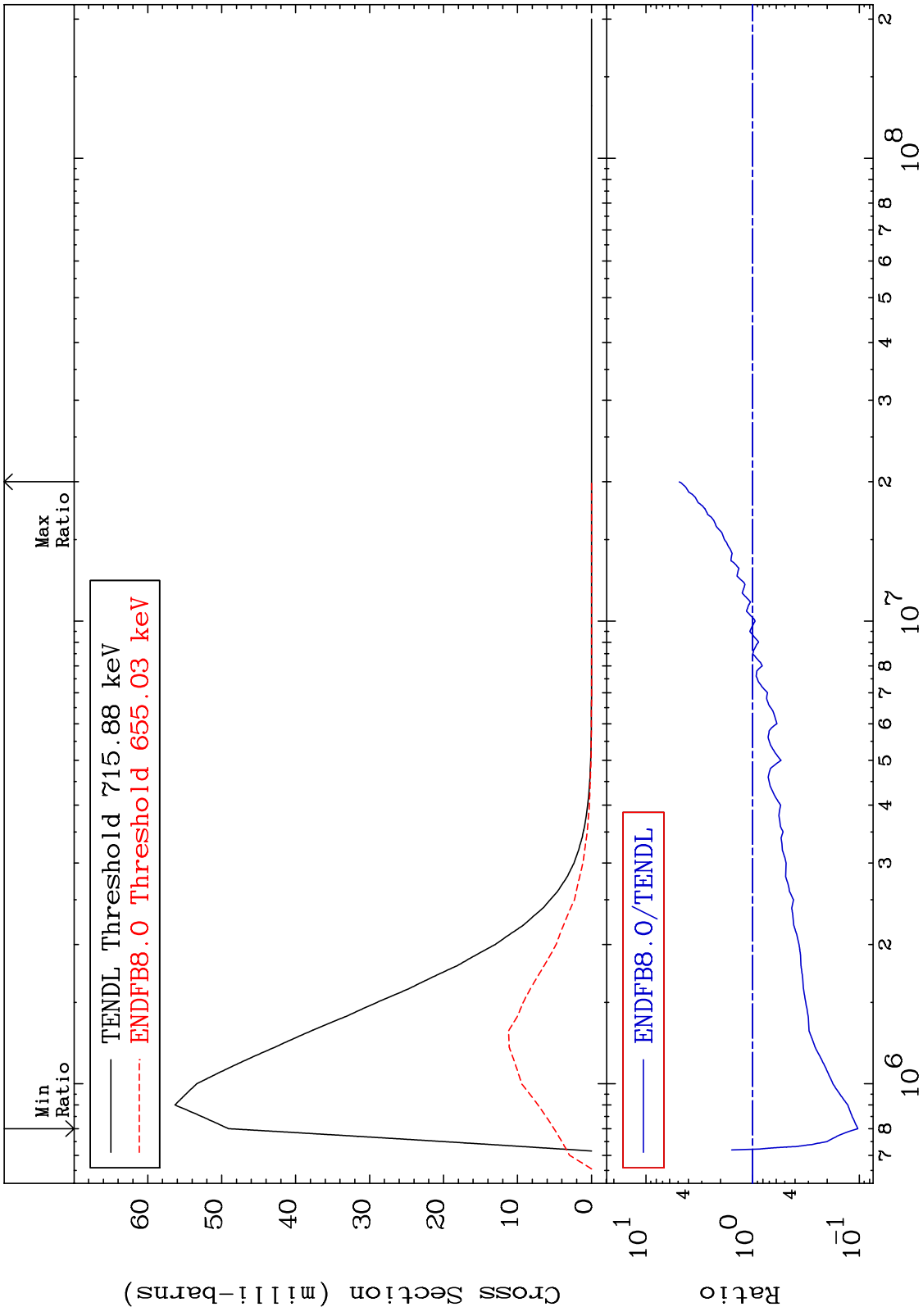
MAT 6646 MT= 74 (n,n') Level Cross Section 66-Dy-163 131.6 To 1041. %



MAT 6646      MT= 75 (n,n') Level      66-Dy-163  
 Cross Section      -100.0 To 9999. %



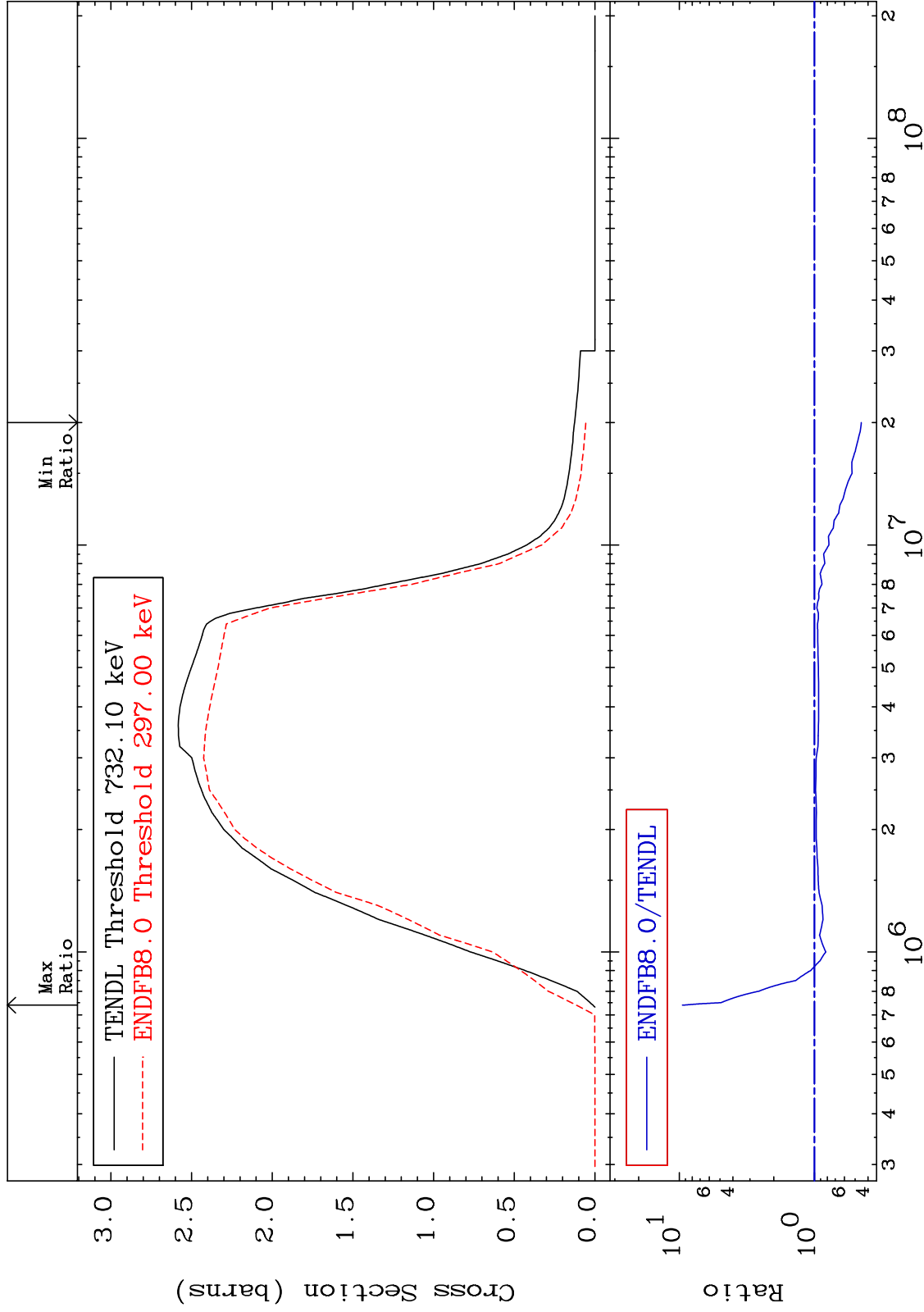
MAT 6646 MT= 76 (n,n') Level Cross Section 66-Dy-163  
 -89.67 To 390.0 %



MAT 6646

(n, n') Continuum  
Cross Section

66-Dy-163  
-55.06 To 846.6 %



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66-Dy-163

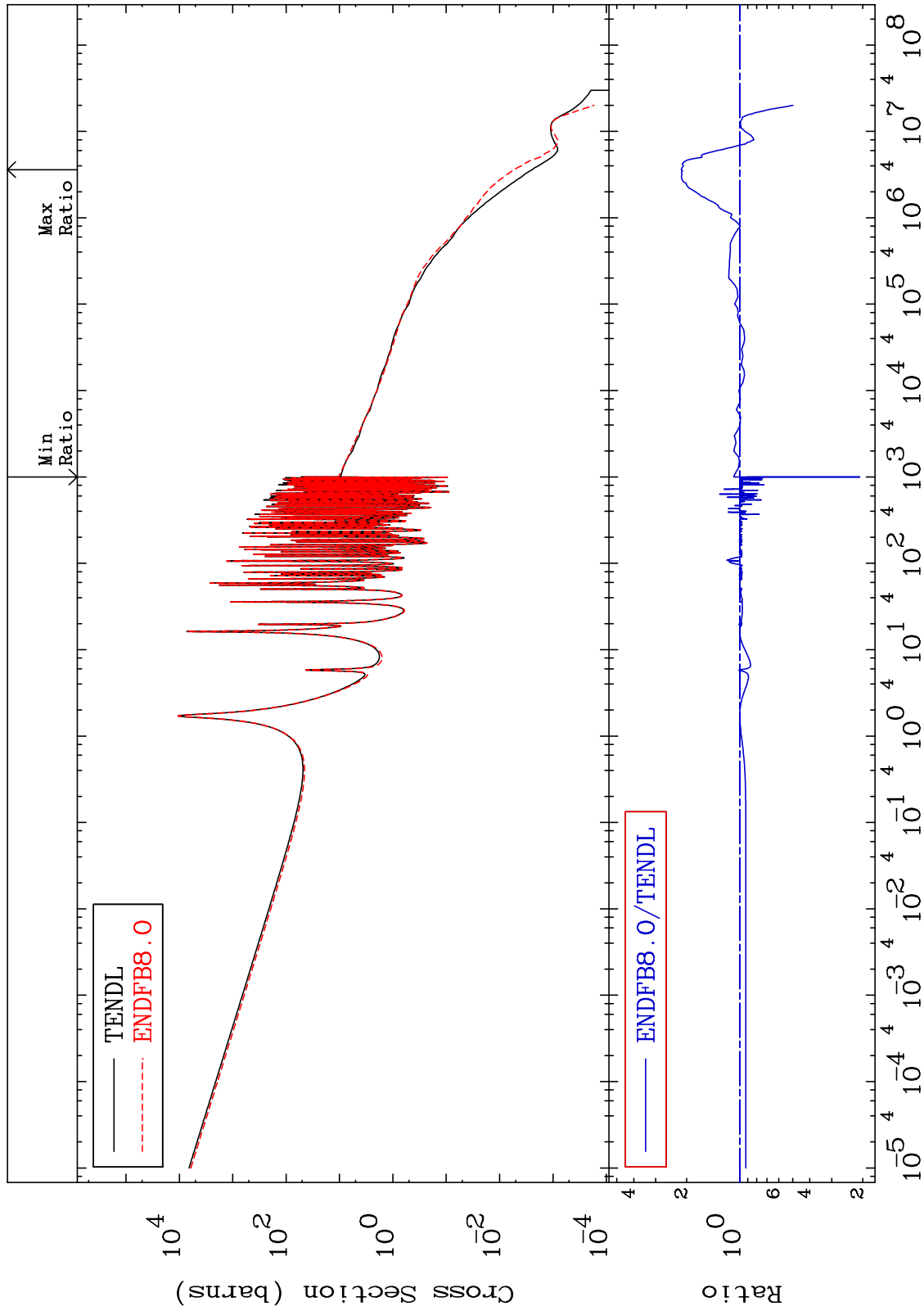
MAT 6646

(n,  $\gamma$ )

66-Dy-163

-79.21 To 114.9 %

Cross Section

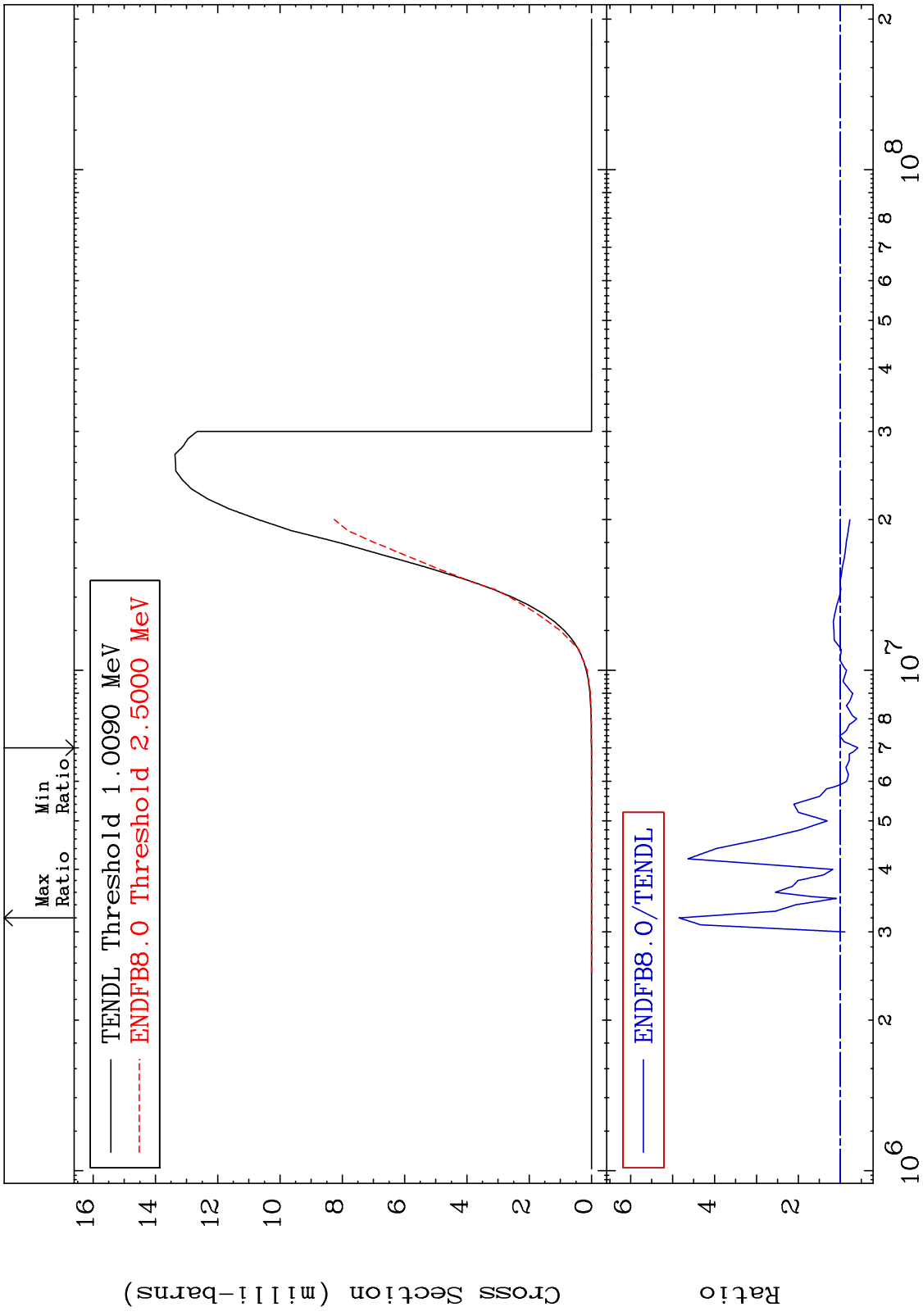


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Incident Energy (eV)

66-Dy-163

MAT 6646 (n,p) Cross Section 66-Dy-163 -41.77 To 384.8 %



38 Incident Energy (eV) 66-Dy-163

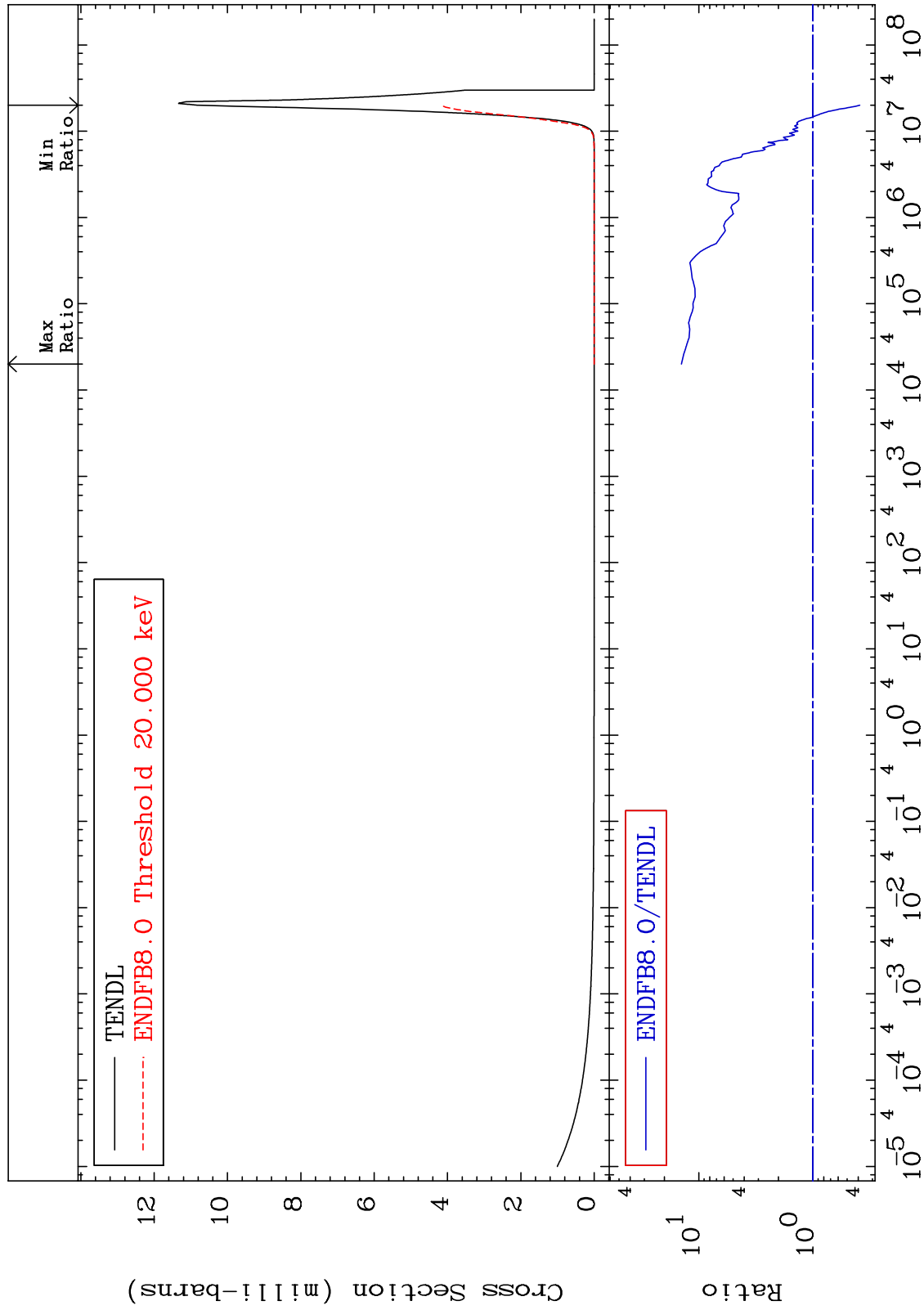
MAT 6646

(n,  $\alpha$ )

66-Dy-163

Cross Section

-61.29 To 1318. %

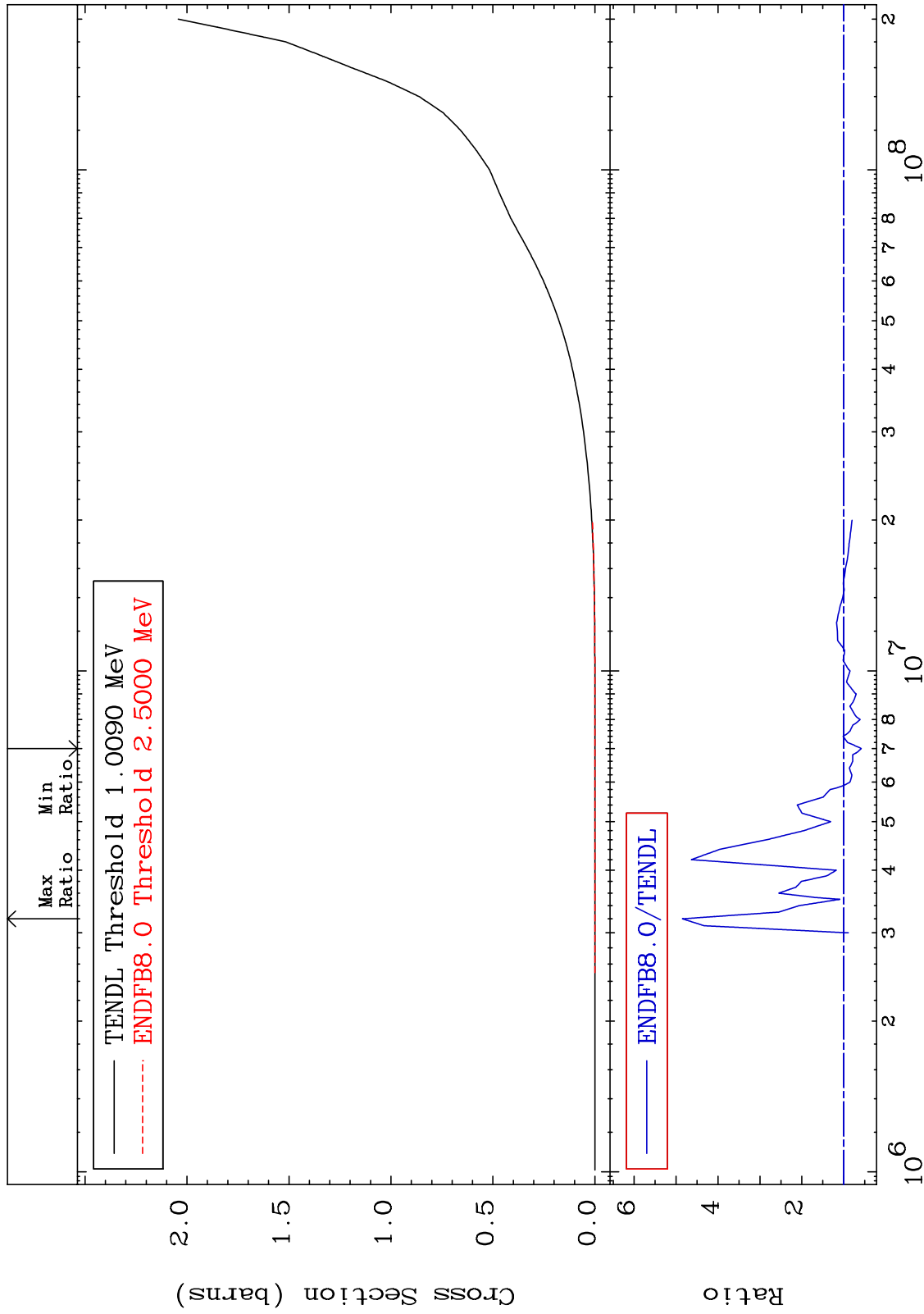




MAT 6646

Hydrogen Production  
Cross Section

66-Dy-163  
-41.77 To 384.8 %



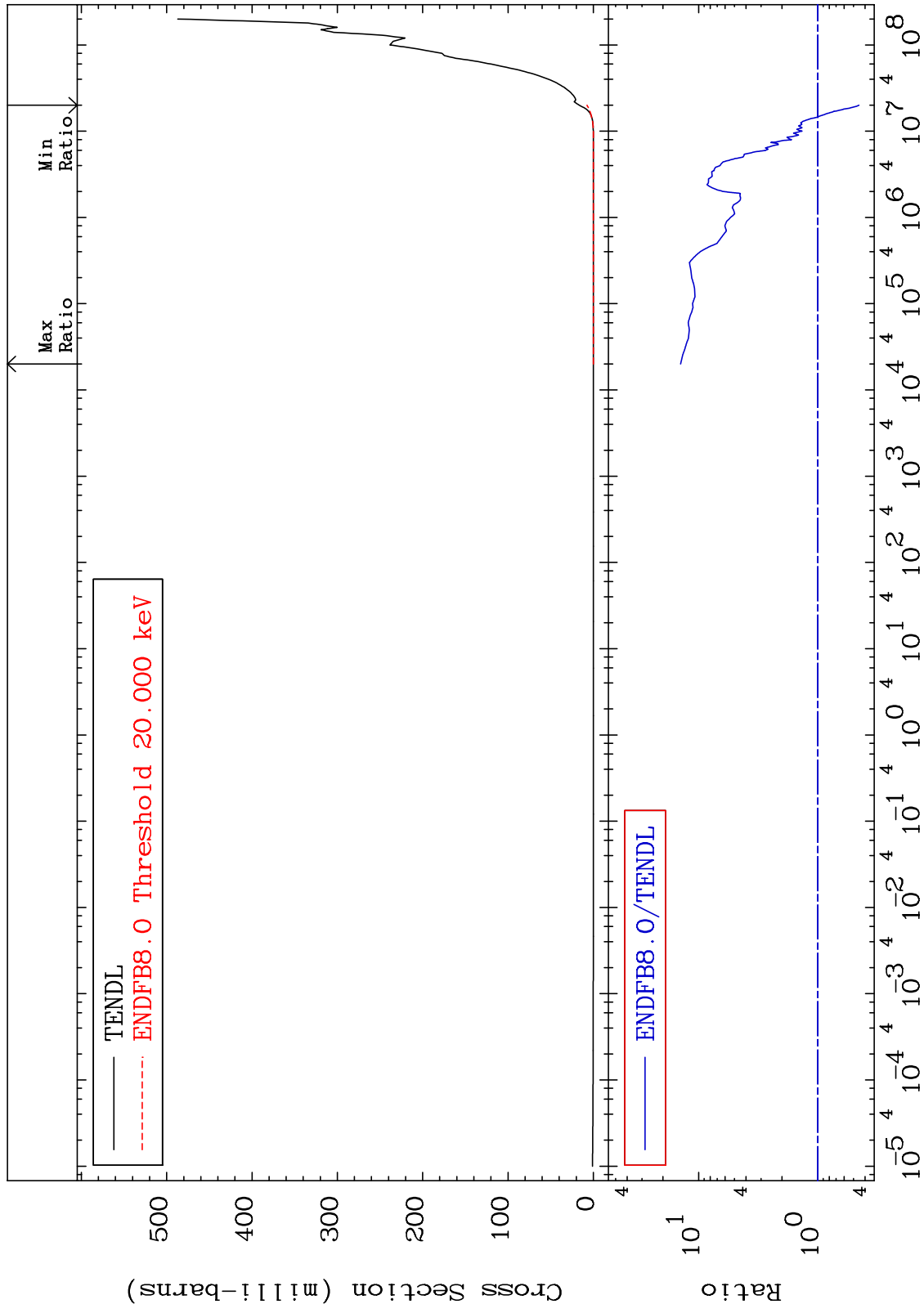
Incident Energy (eV)

66-Dy-163

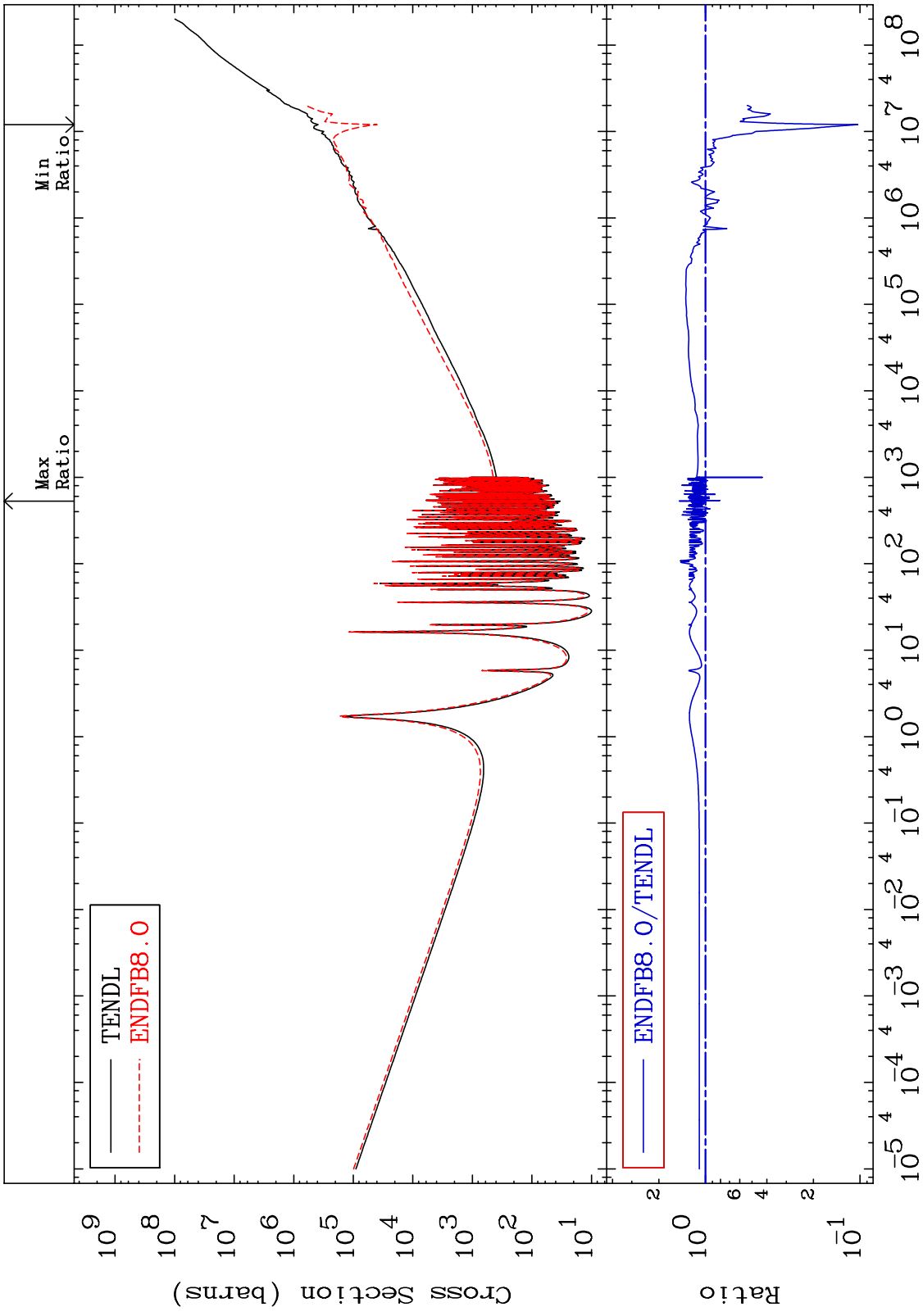
MAT 6646

He-4 Production  
Cross Section

66-Dy-163  
-55.00 To 1318. %



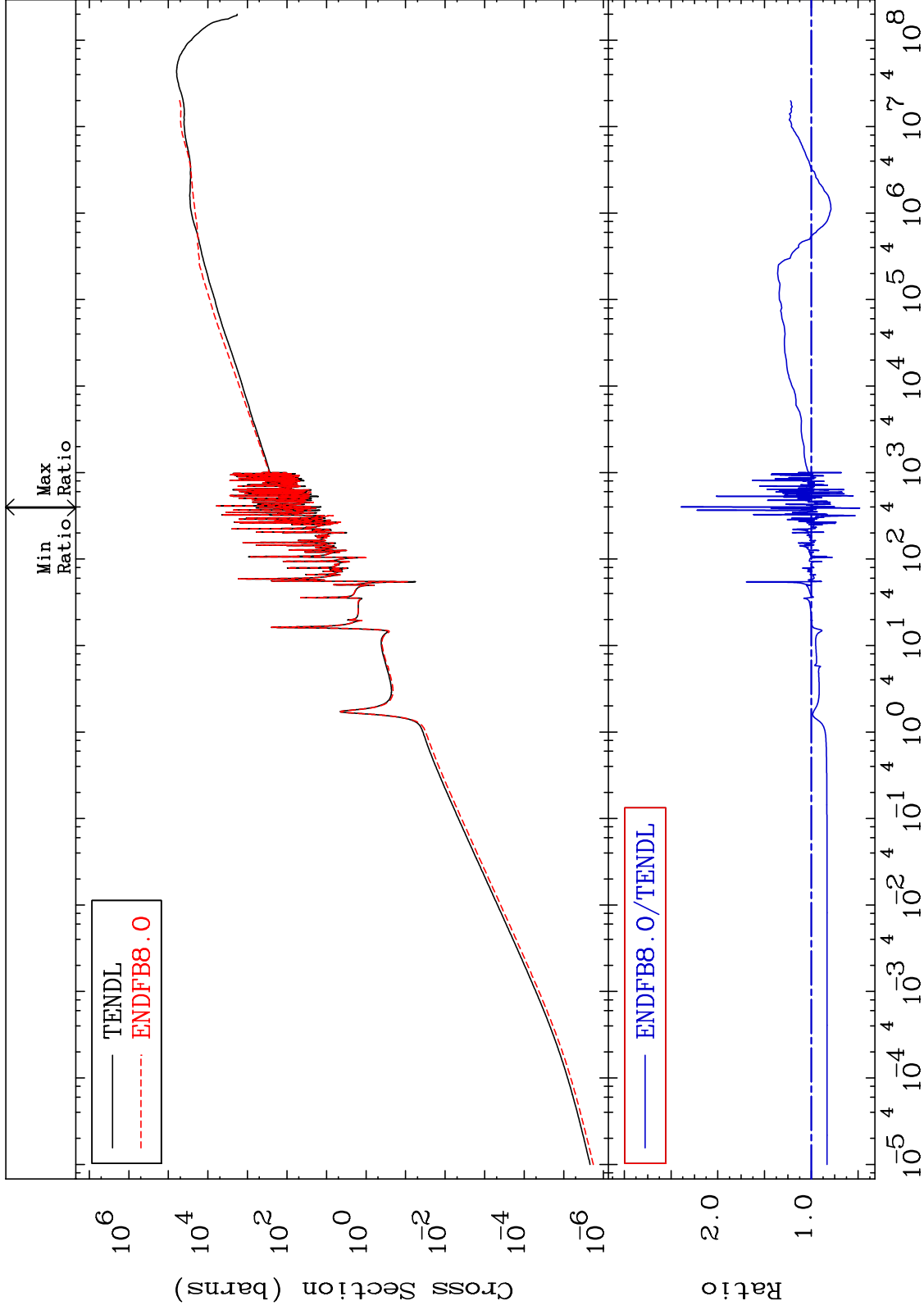
MAT 6646 Kerma total (eV-barns) Cross Section 66-Dy-163 -89.69 To 48.27 %



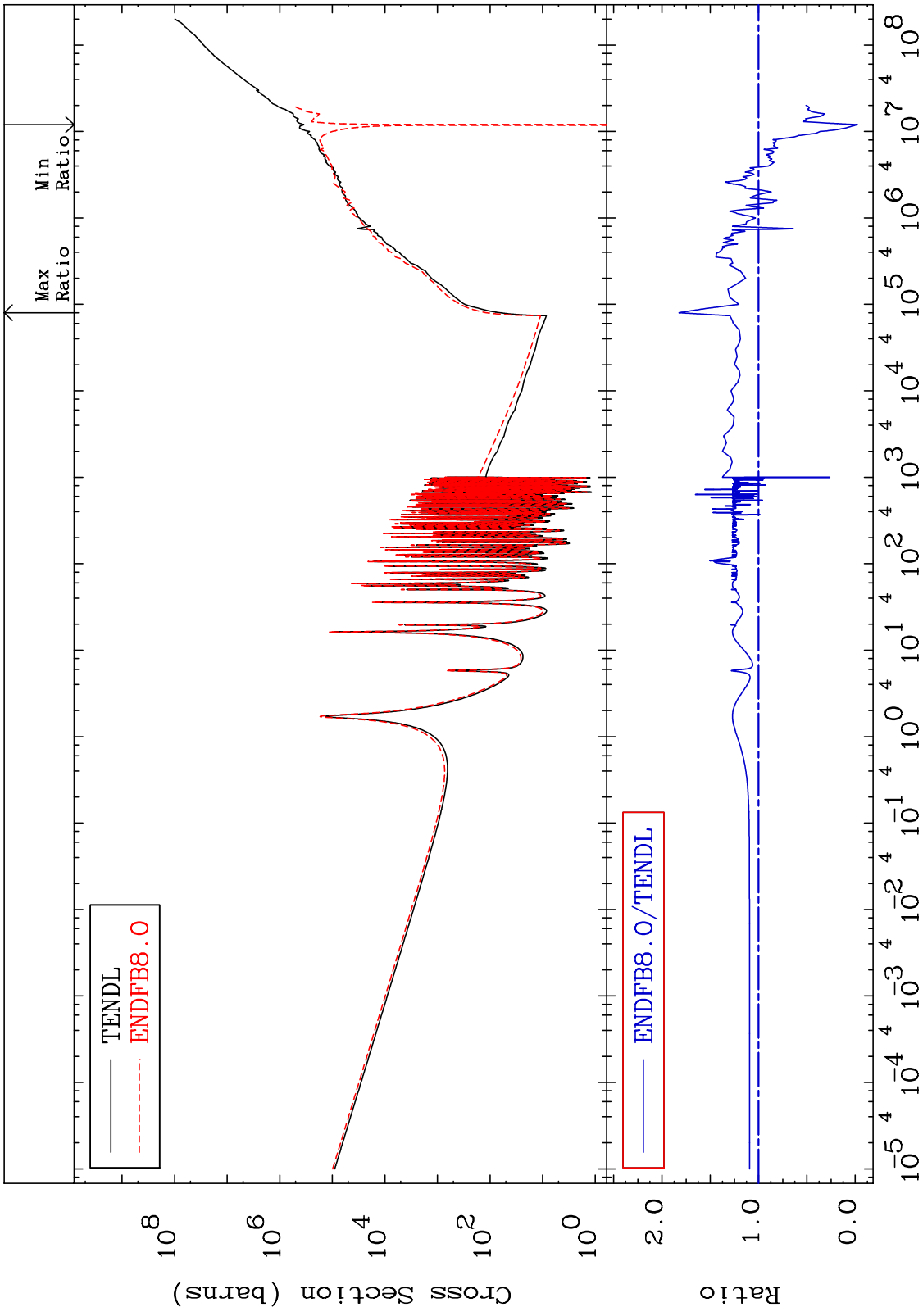
MAT 6646

Kerma elastic  
Cross Section

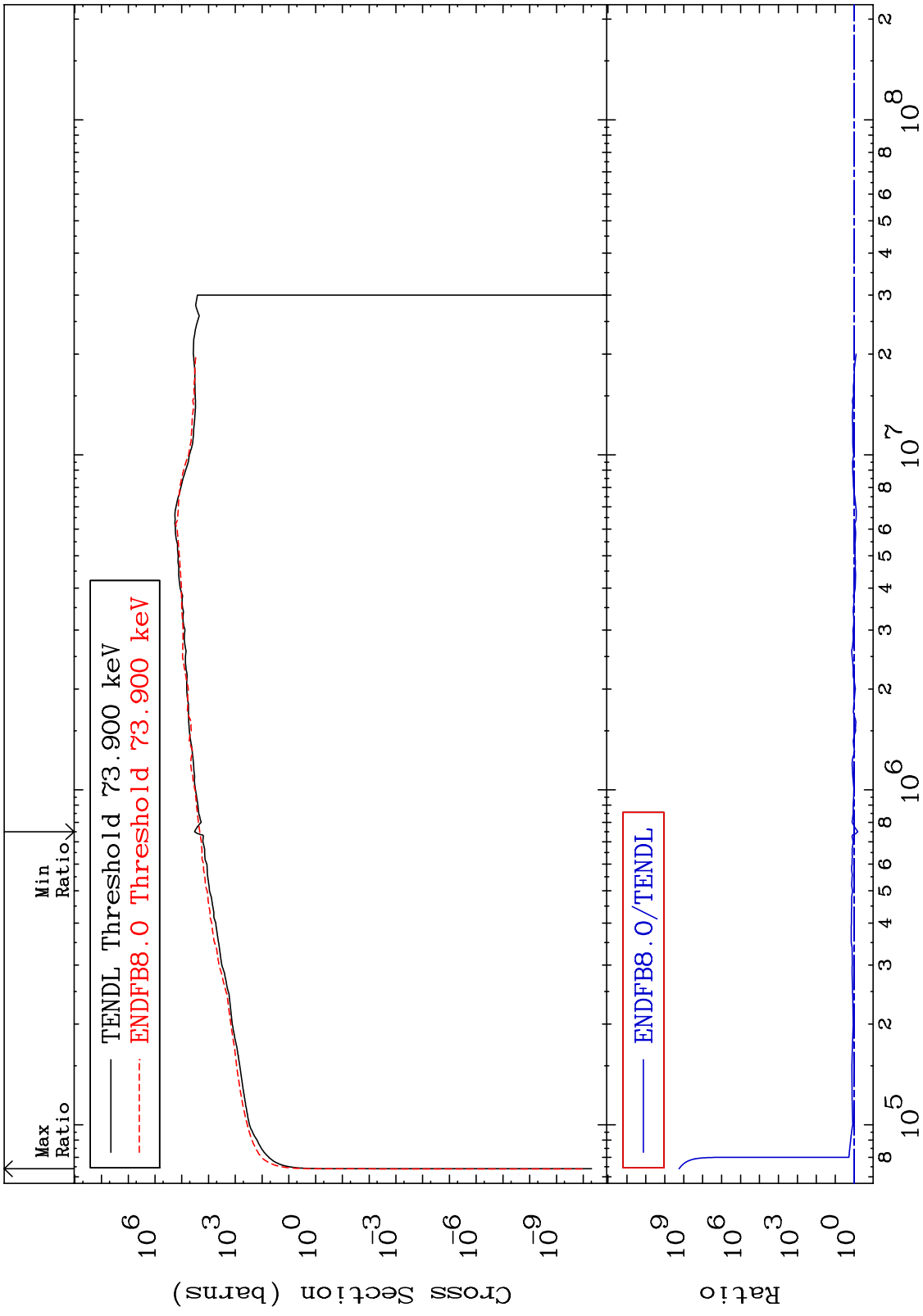
66-Dy-163  
-51.65 To 139.5 %



MAT 6646 Kerma non-elastic (all but mt2) Cross Section 66-Dy-163  
 -102.7 To 82.35 %



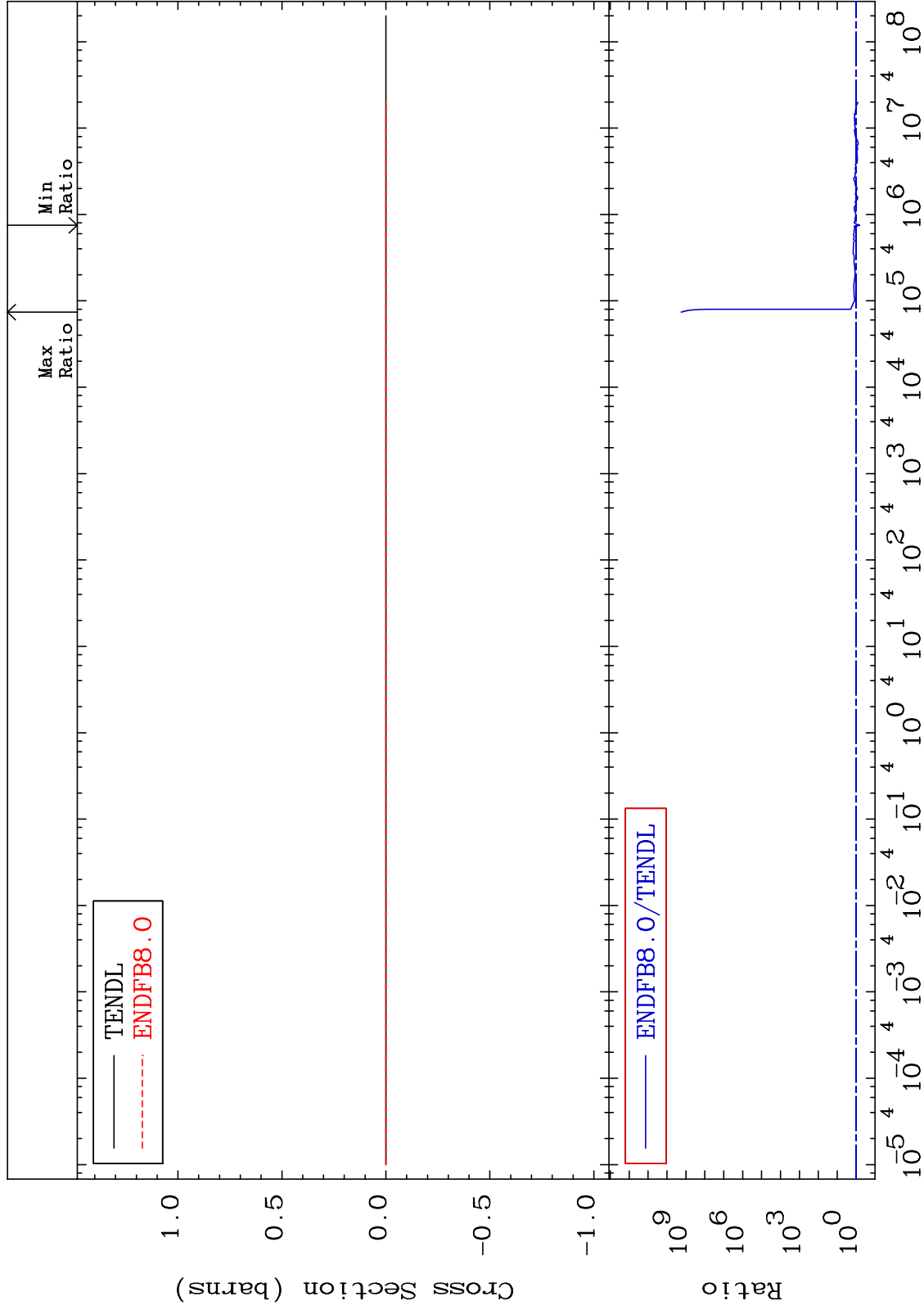
MAT 6646 Kerma inelastic (mt51-91) 66-Dy-163  
 Cross Section -35.87 To 9999. %



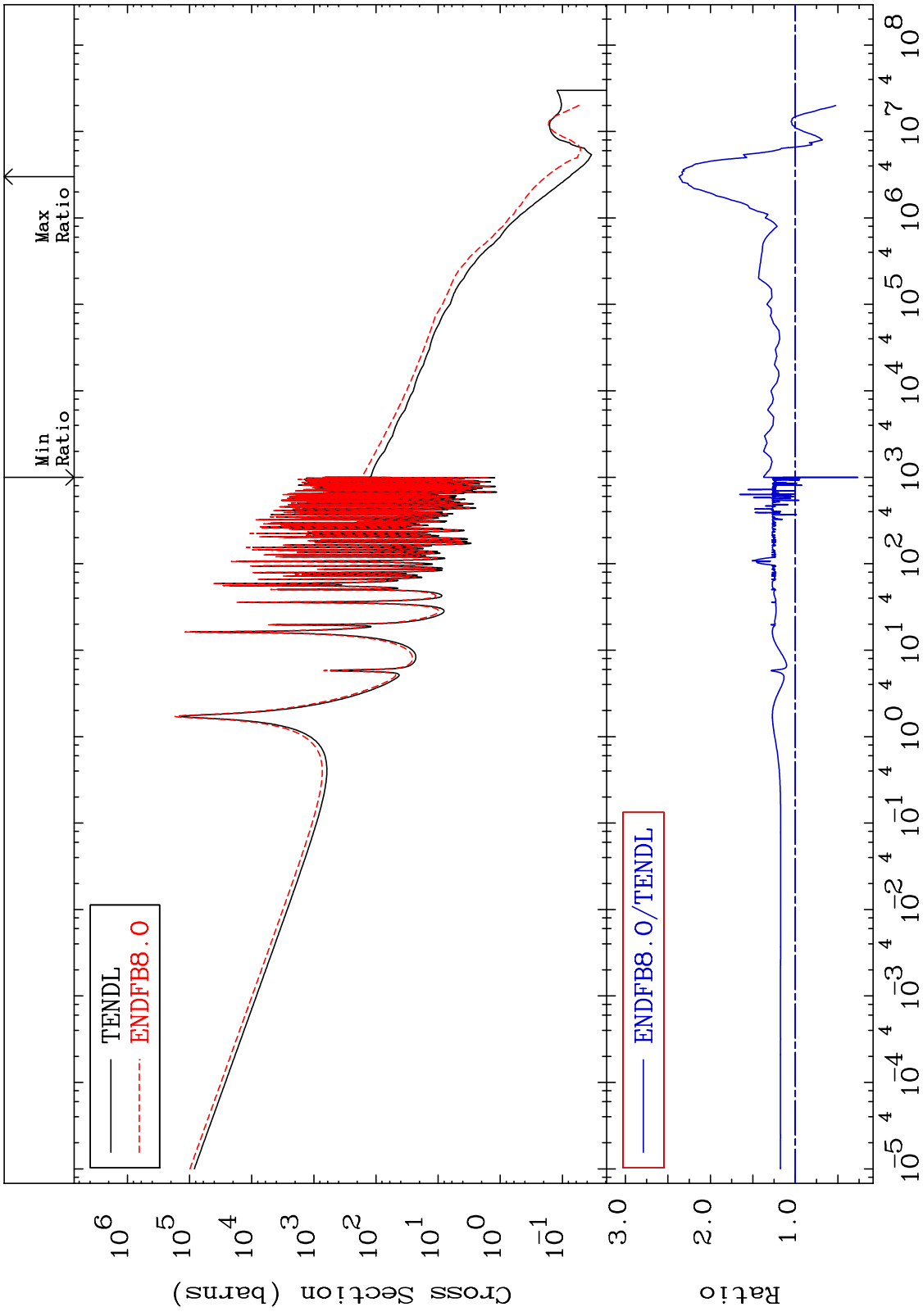
MAT 6646

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

66-Dy-163  
-35.87 To 9999. %

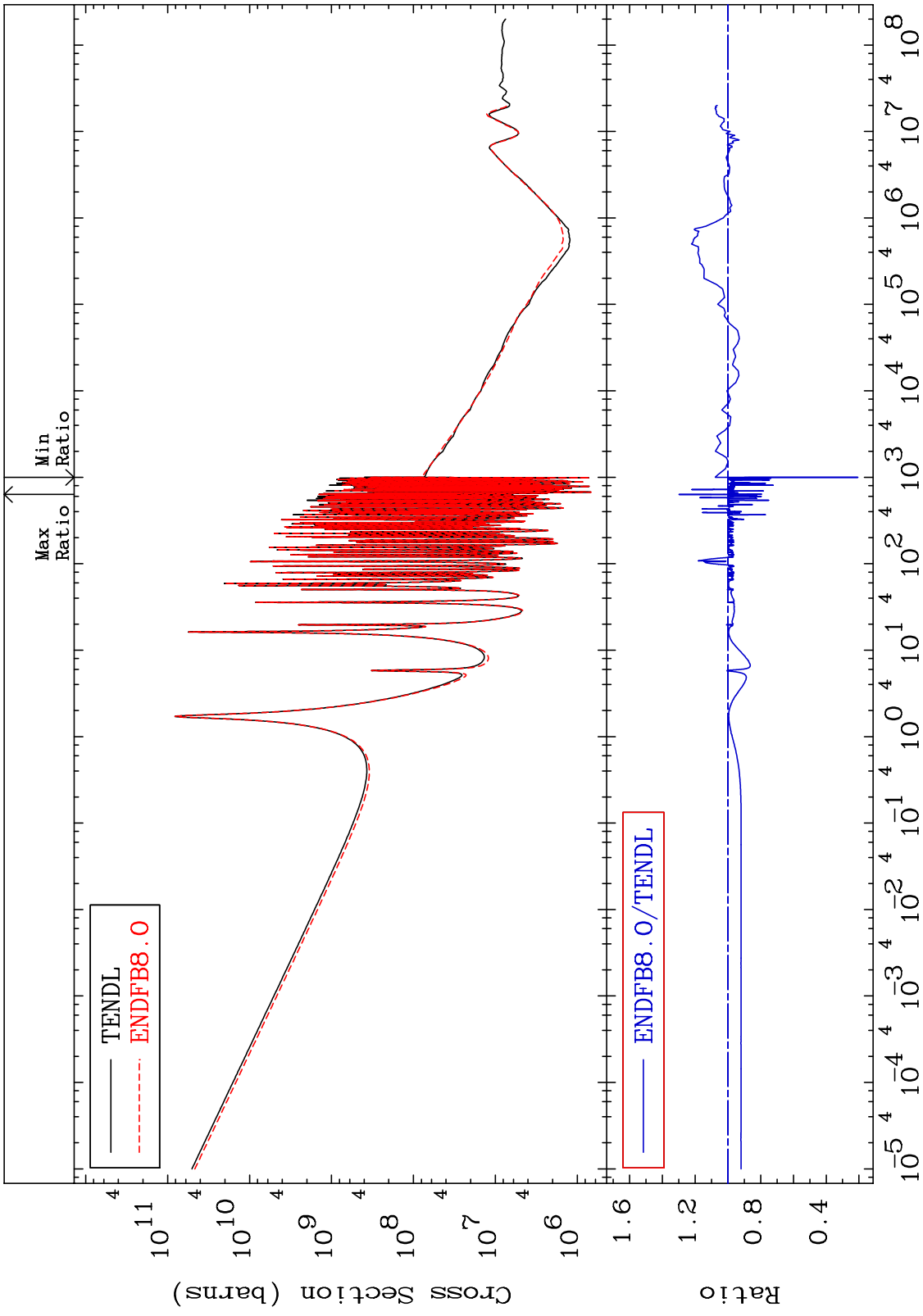


MAT 6646 Kerma capture (mt102) 66-Dy-163  
 Cross Section -73.58 To 136.9 %

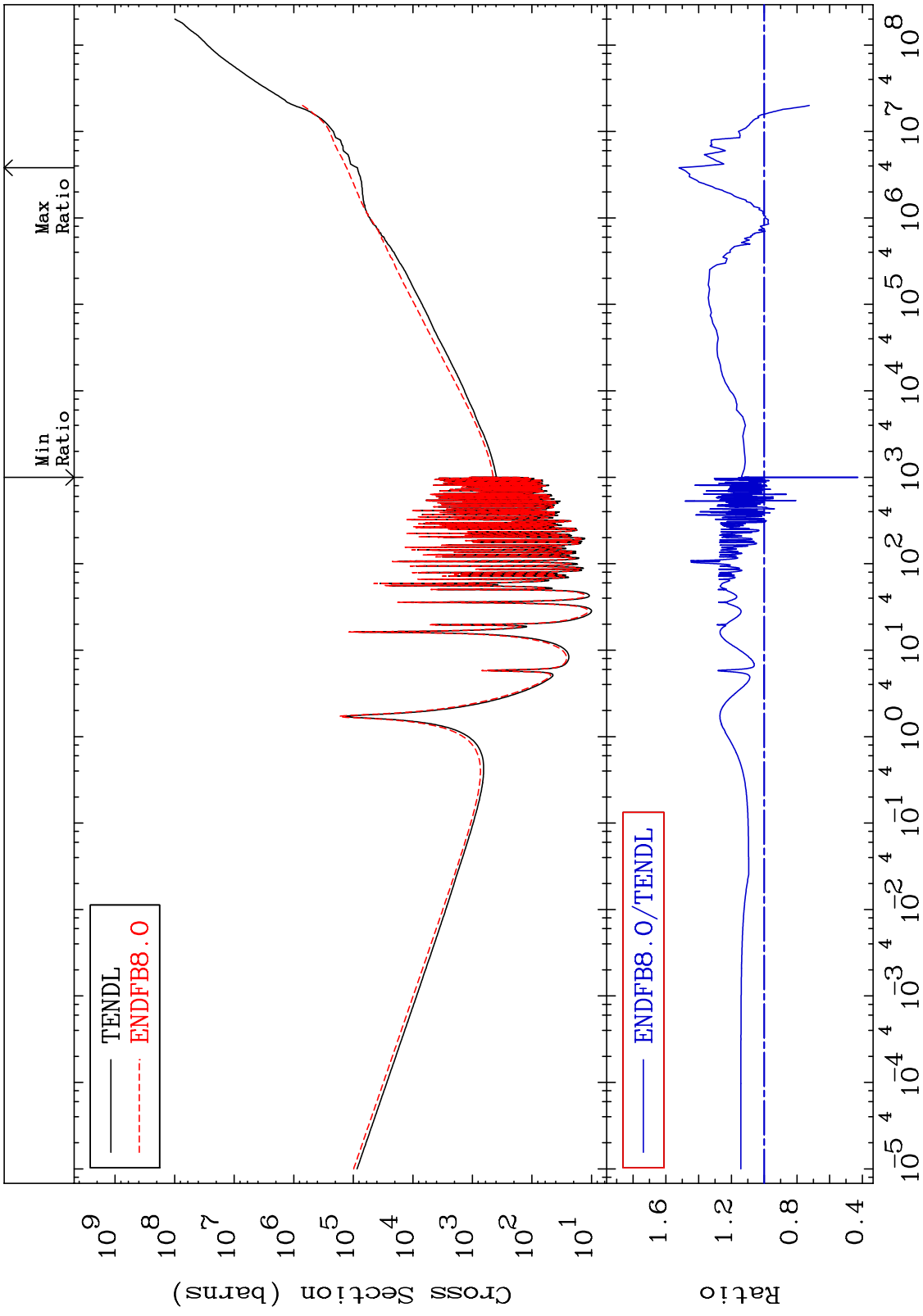




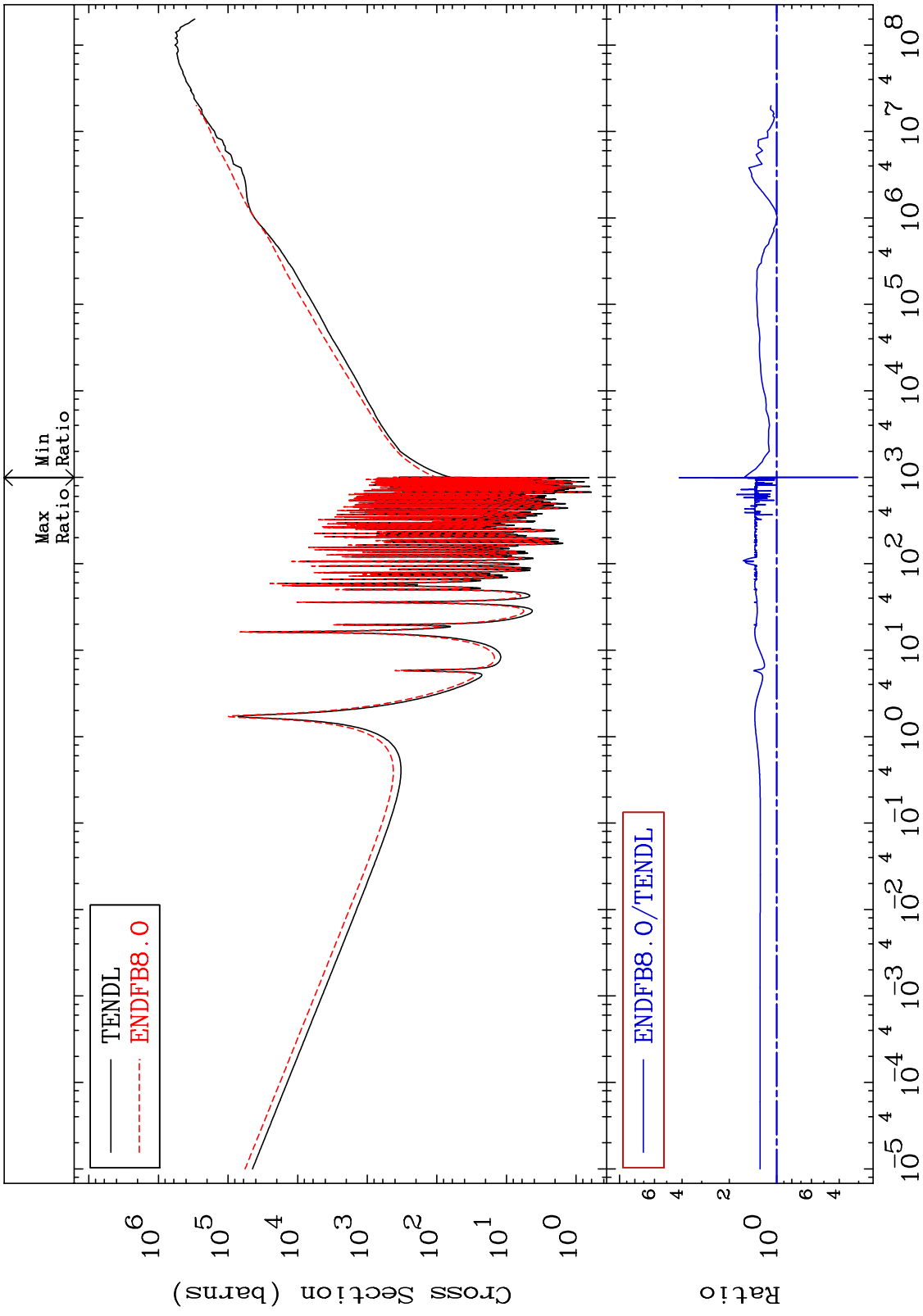
MAT 6646 Total photon (eV-barns) Cross Section 66-Dy-163 -79.30 To 29.83 %



MAT 6646 Total kinematic kerma (high limit) 66-Dy-163  
 Cross Section -57.18 To 51.98 %



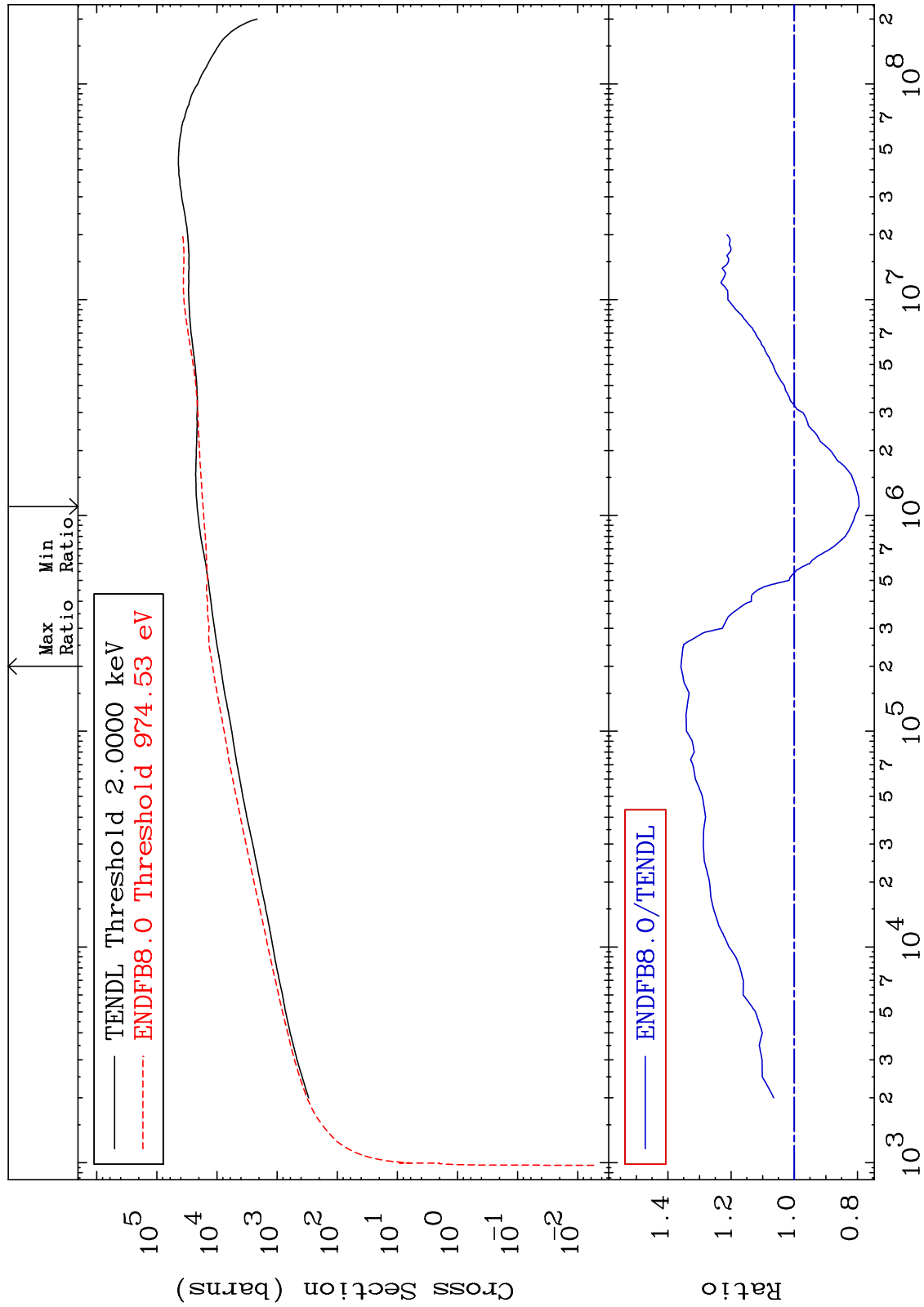
MAT 6646      Dpa total (eV-barns)      66-Dy-163  
 Cross Section      -69.59 To 318.1 %



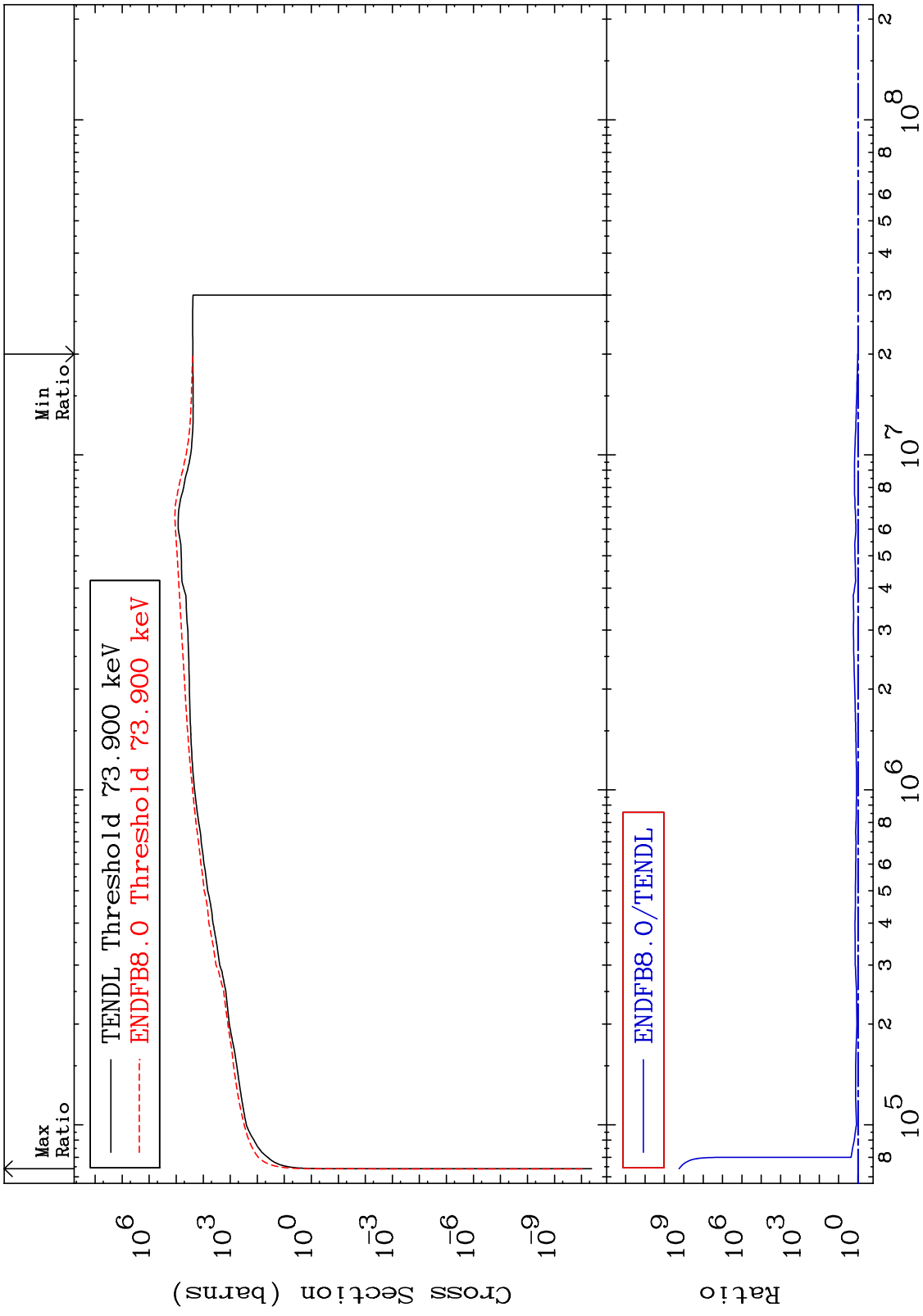
MAT 6646

Dpa elastic (mt2)  
Cross Section

66-Dy-163  
-20.50 To 35.89 %



MAT 6646      Dpa inelastic (mt51-91)      66-Dy-163  
 Cross Section      0.987 To 9999. %



MAT 6646      Dpa disappearance (mt102 -120)      66-Dy-163  
 Cross Section      -71.34 To 206.3 %

