

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

MAT 6146

61-Pm-146

-96.98 To 9999. %

Total  
Cross Section

Min Ratio

Max Ratio

TENDL  
ENDFB8.0

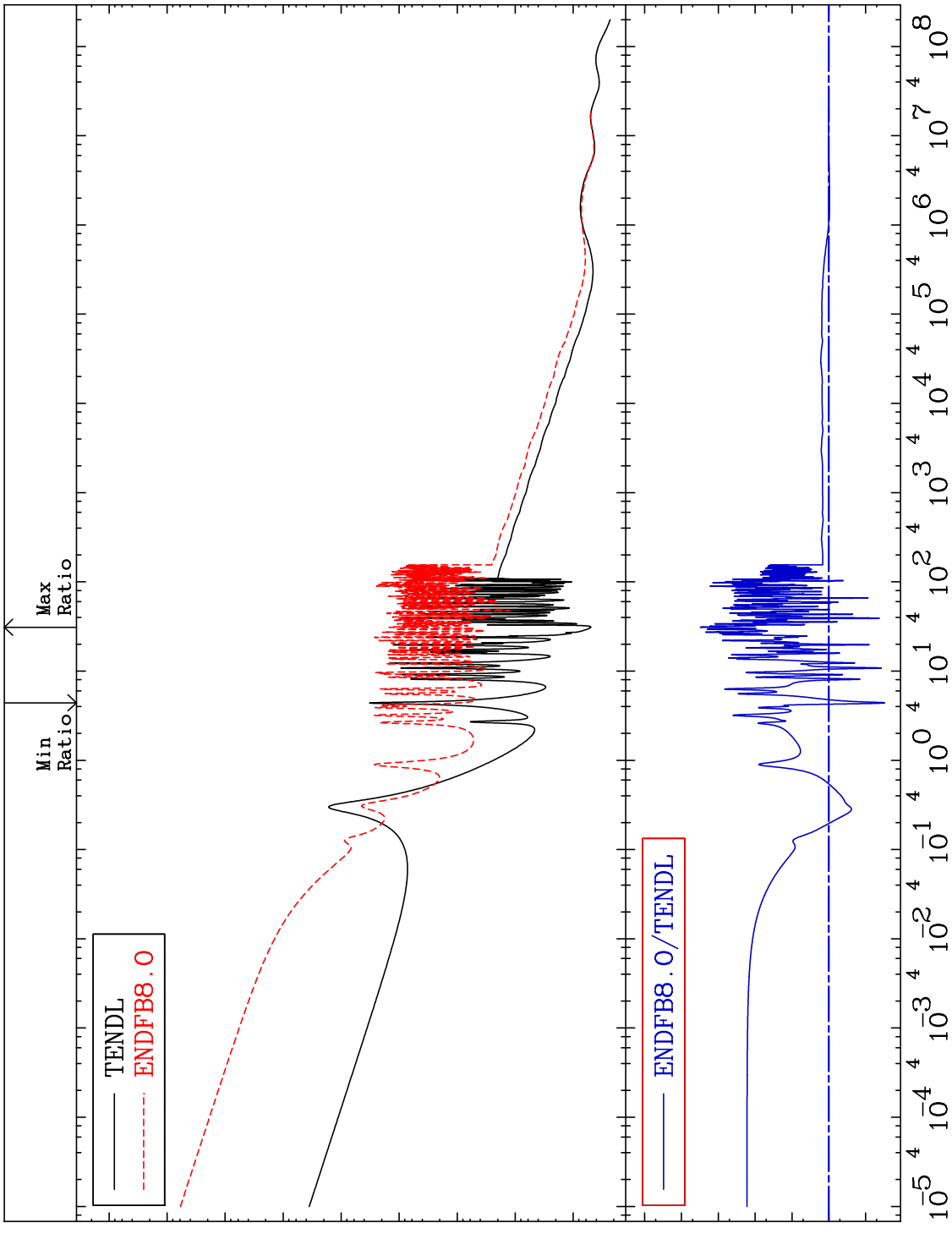
Cross Section (barns)

ENDFB8.0/TENDL

Ratio

Incident Energy (eV)

61-Pm-146

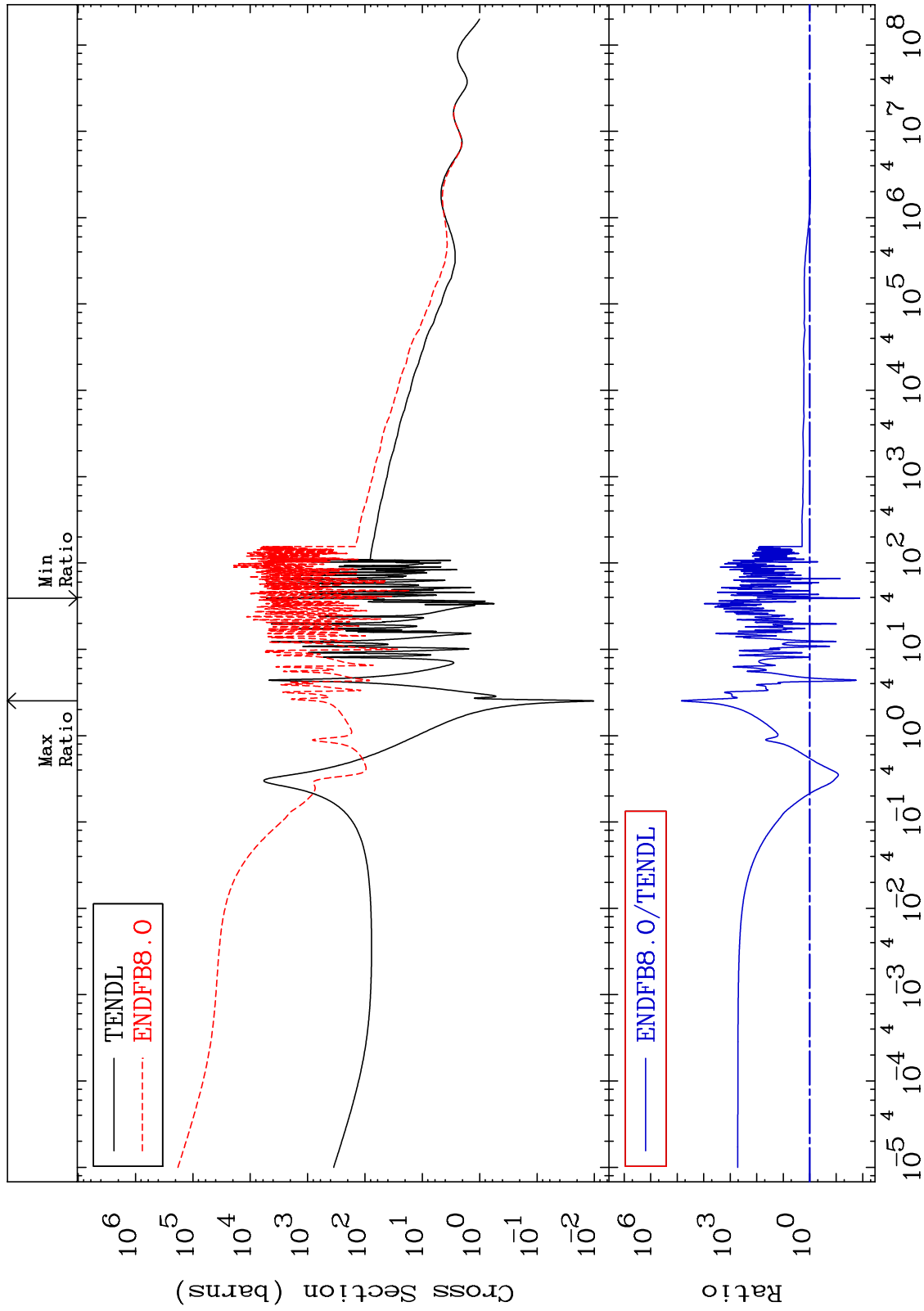


MAT 6146

Elastic  
Cross Section

61-Pm-146

-98.70 To 9999. %

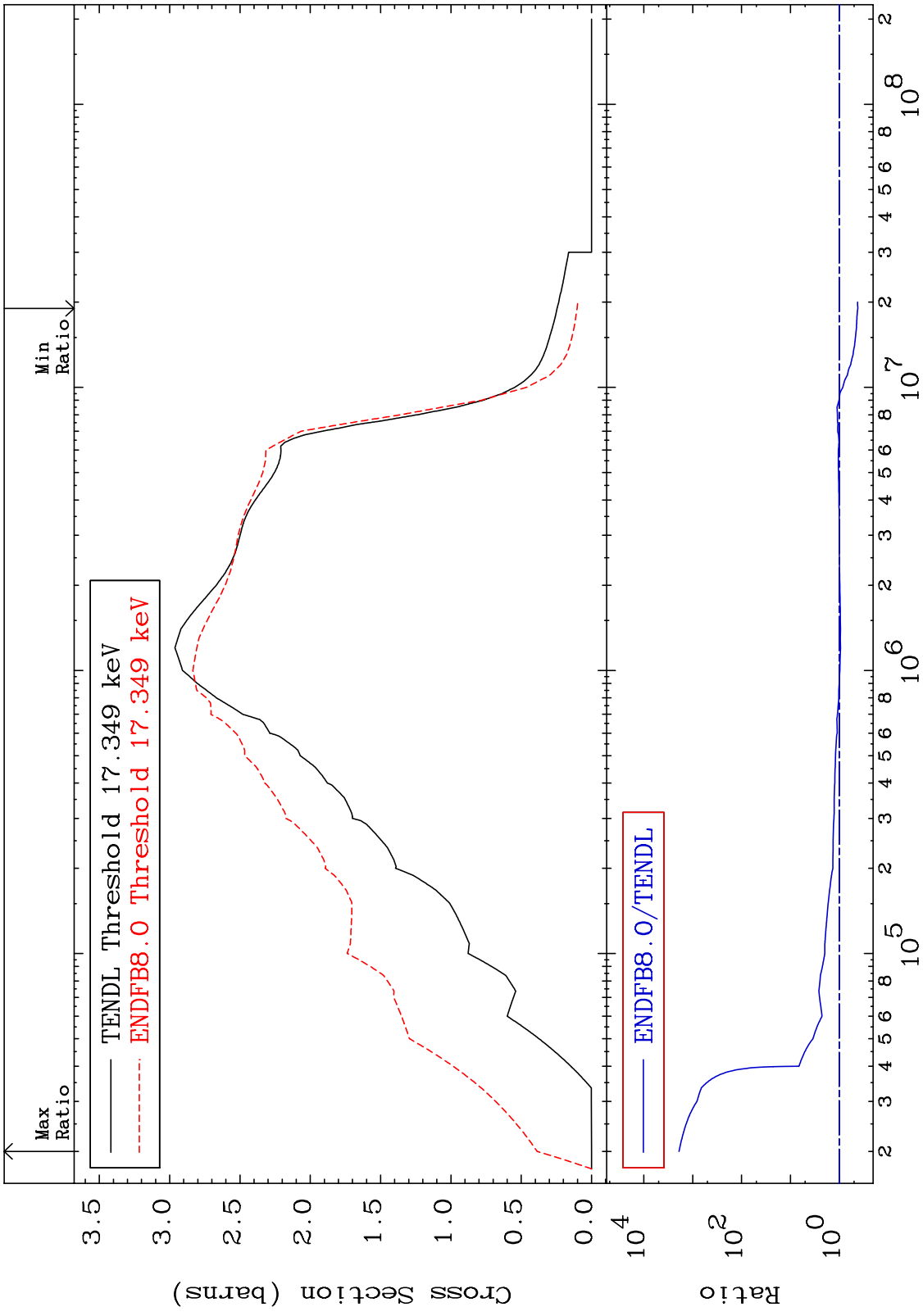


2

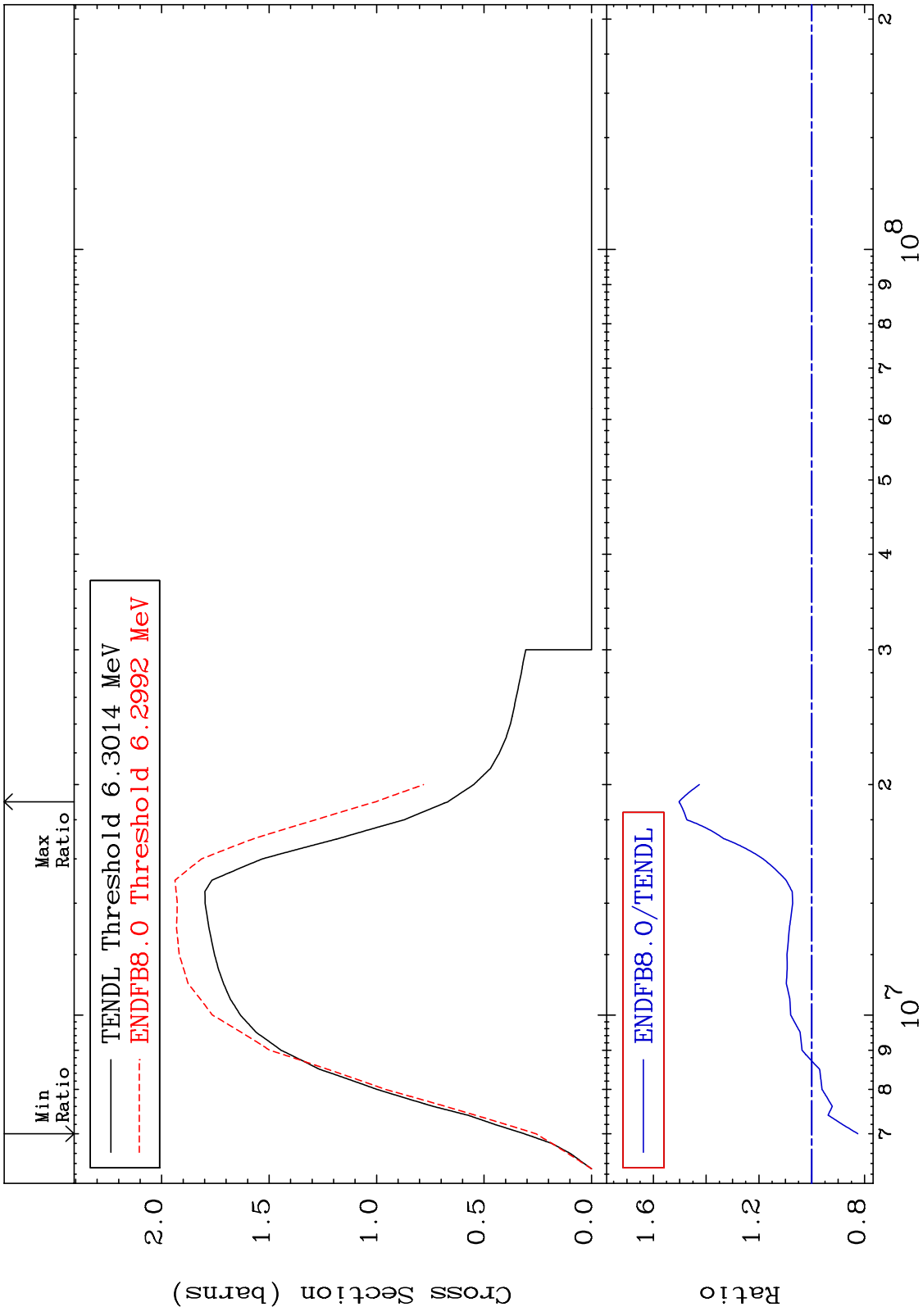
Incident Energy (eV)

61-Pm-146

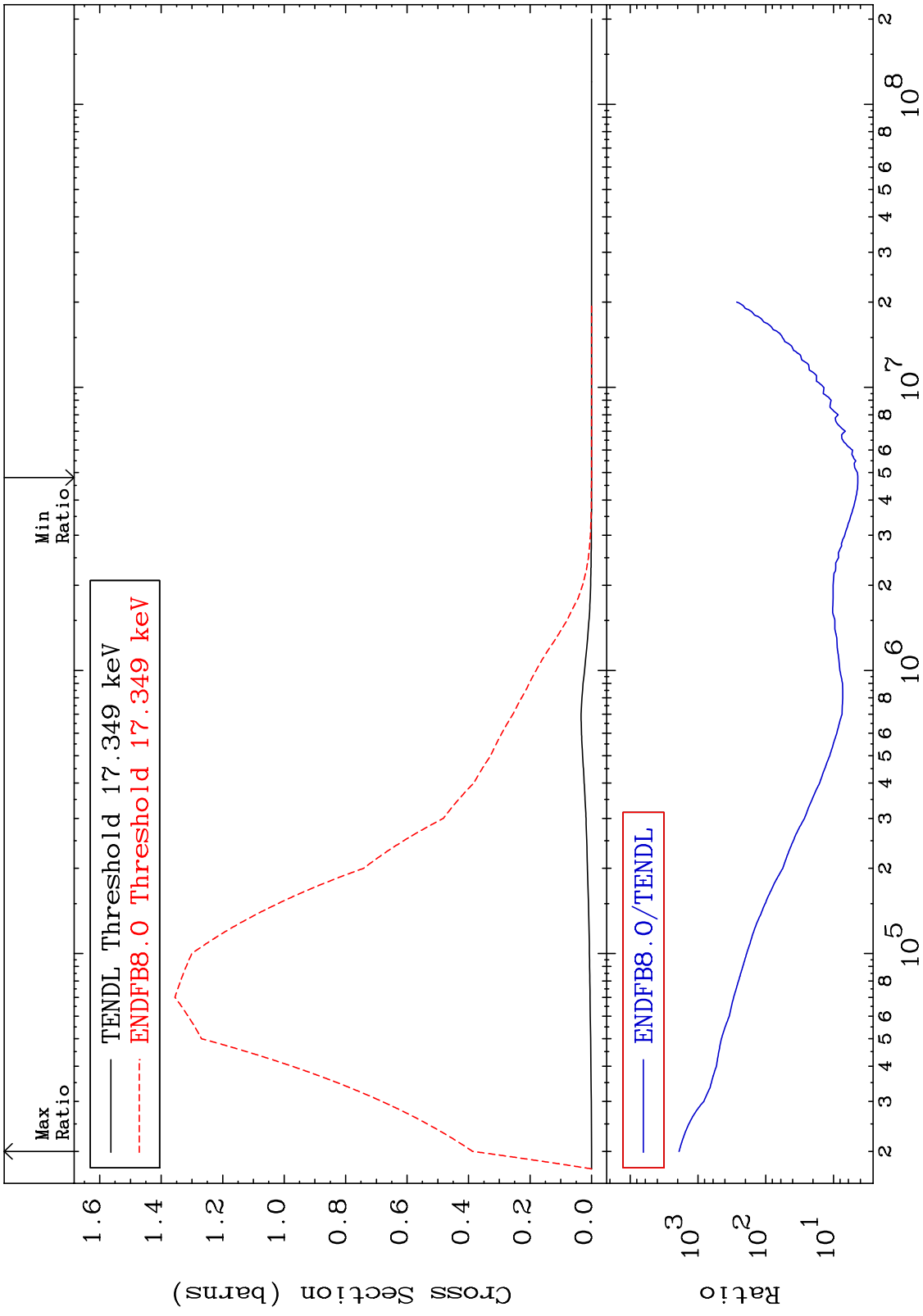
MAT 6146 Inelastic Cross Section 61-Pm-146 -58.29 To 9999. %



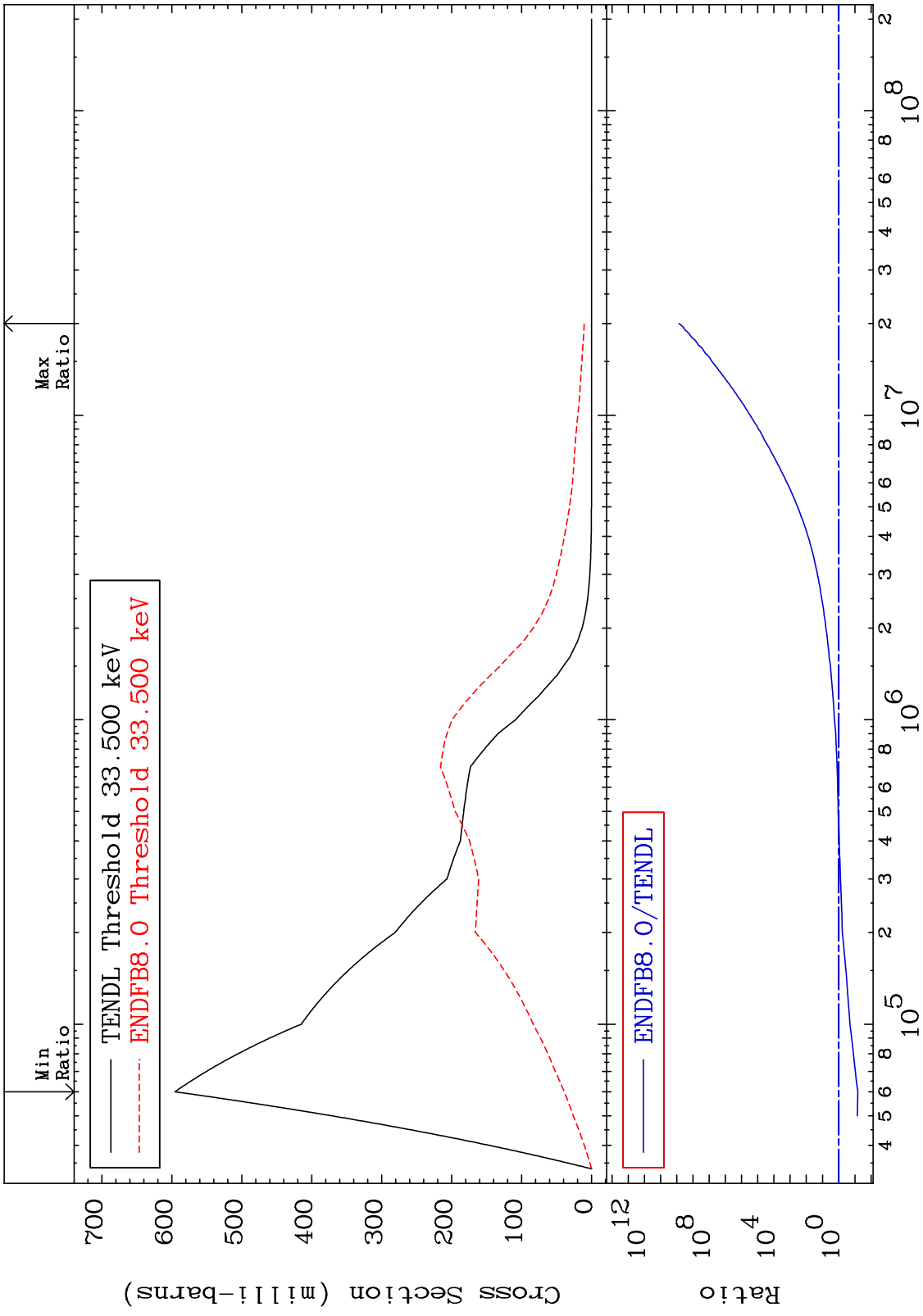
MAT 6146 61-Pm-146  
-17.44 To 50.26 %  
 (n,2n)  
 Cross Section



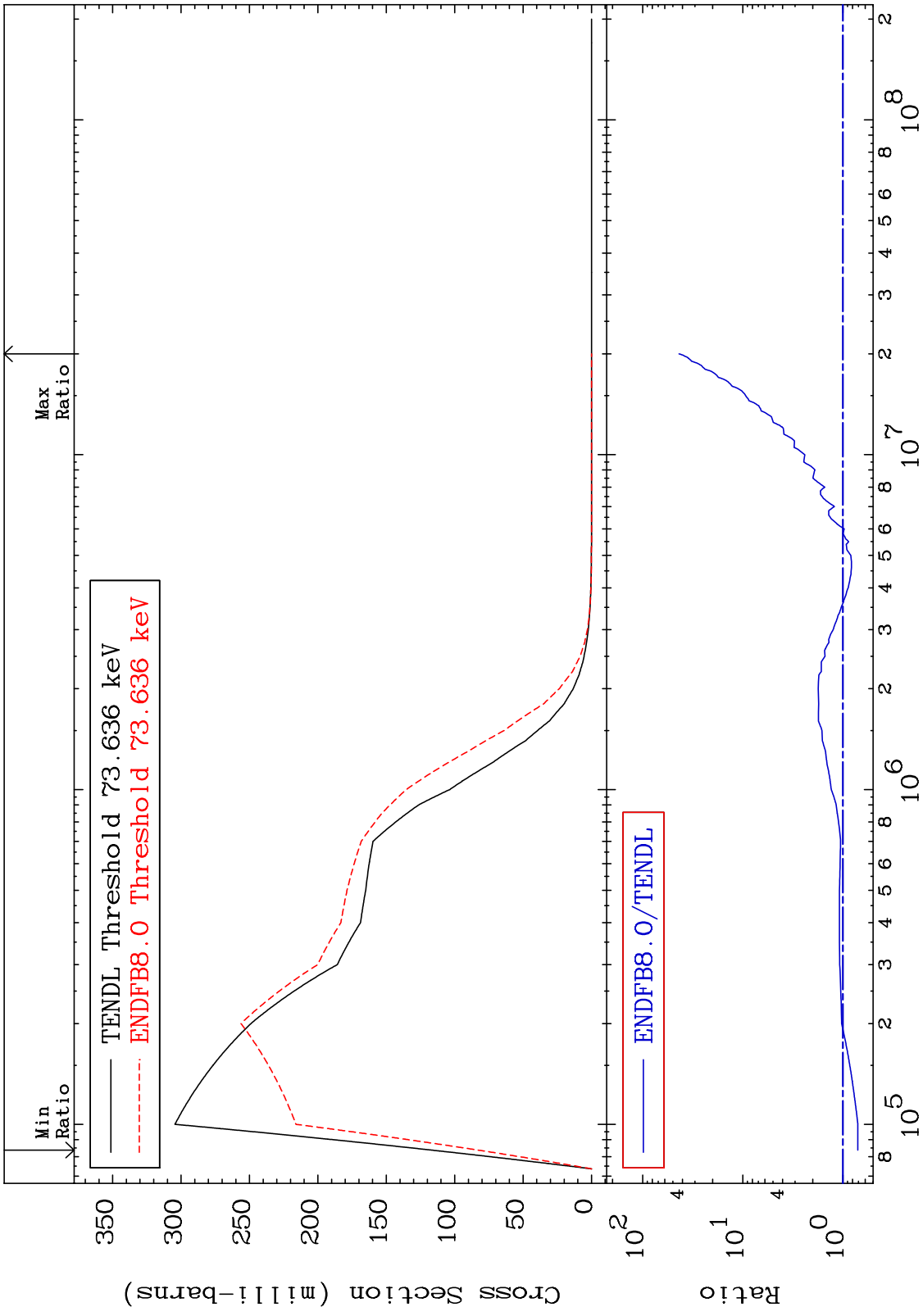
MAT 6146      MT= 51 (n,n') Level Cross Section      61-Pm-146  
 336.5 To 9999. %



MAT 6146 MT= 52 (n,n') Level Cross Section 61-Pm-146 -93.45 To 9999. %



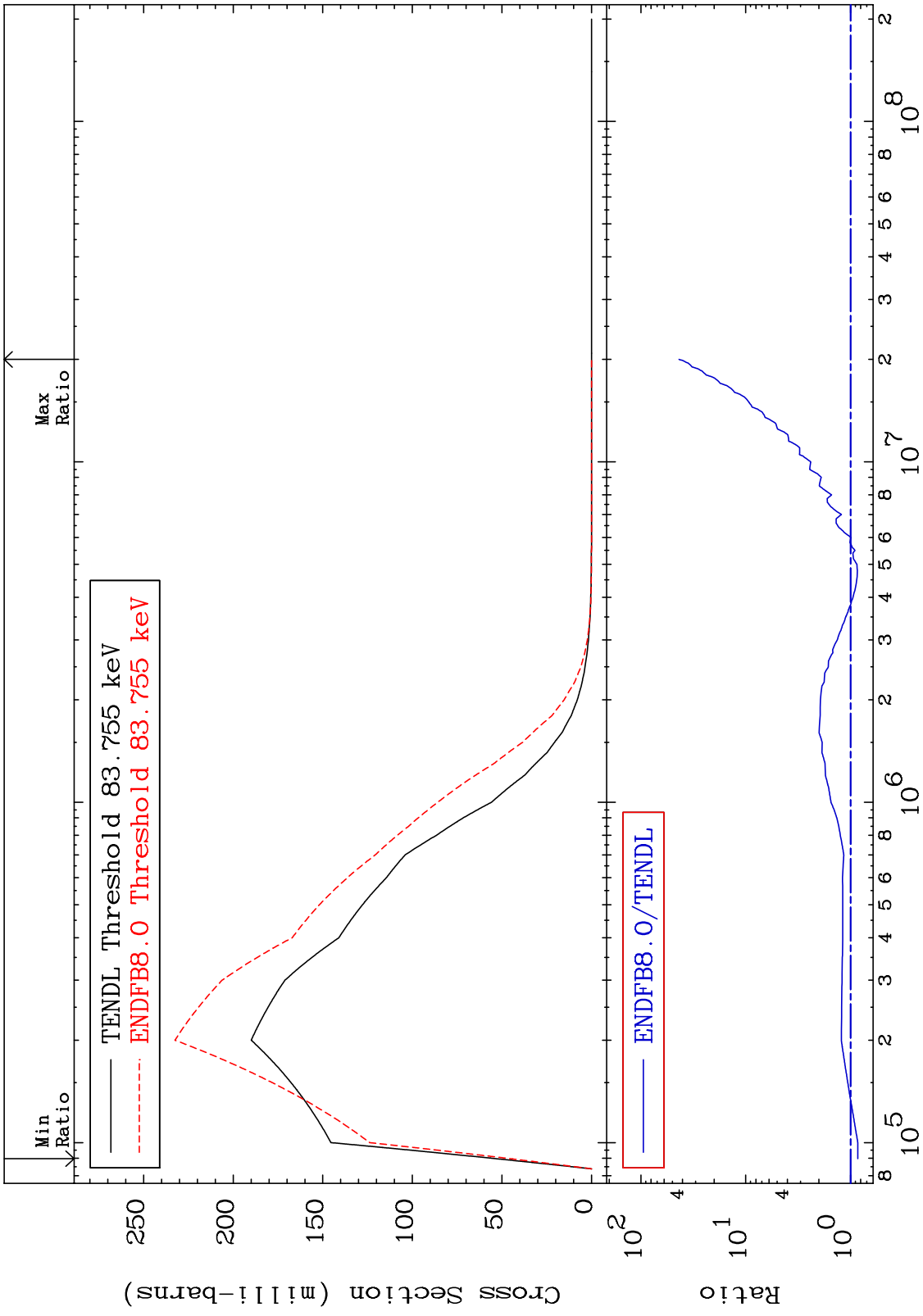
MAT 6146 MT= 53 (n,n') Level Cross Section 61-Pm-146 -29.05 To 4226. %



7 Incident Energy (eV) 61-Pm-146

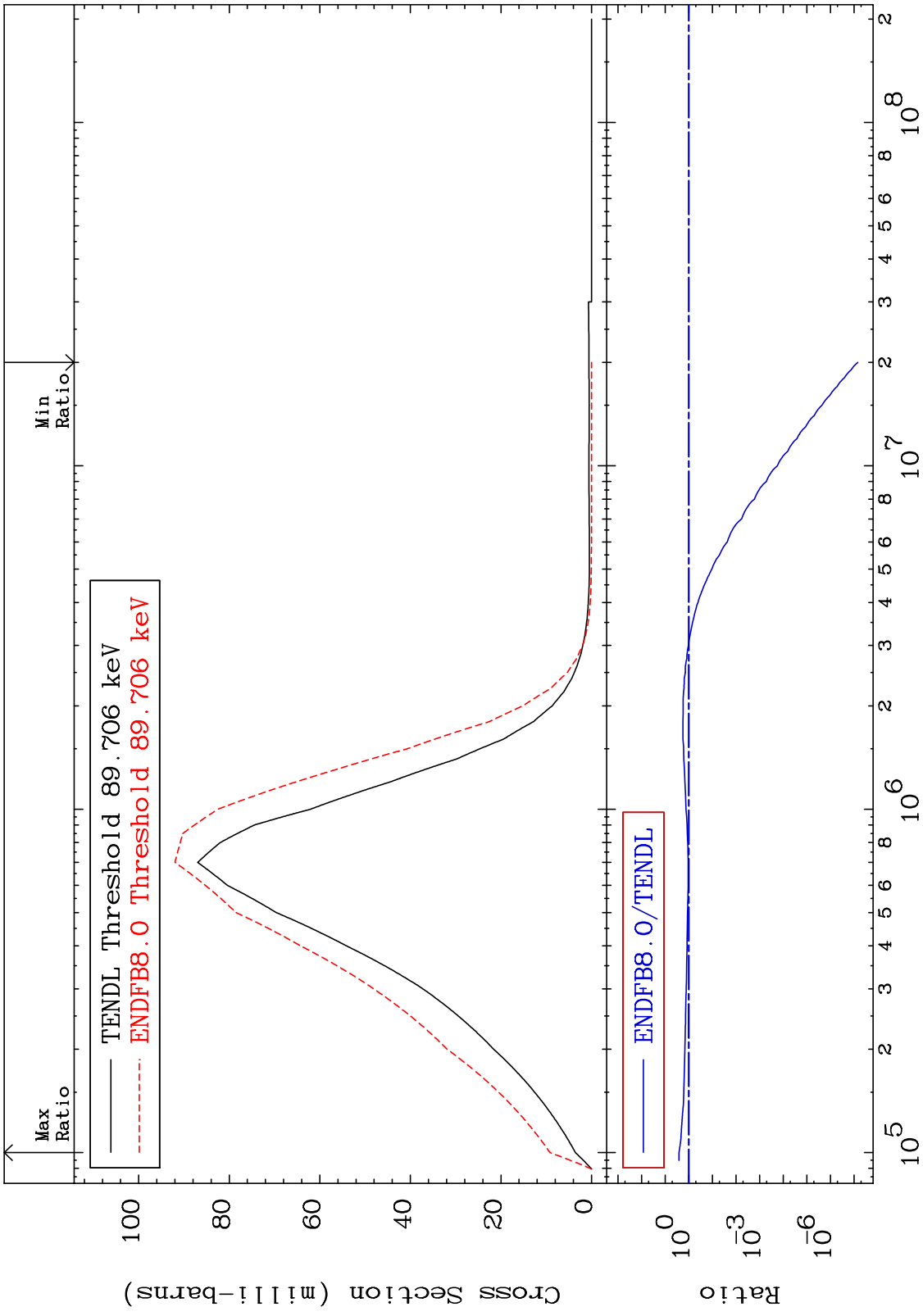


MAT 6146 MT= 54 (n,n') Level Cross Section 61-Pm-146 -14.88 To 4221. %



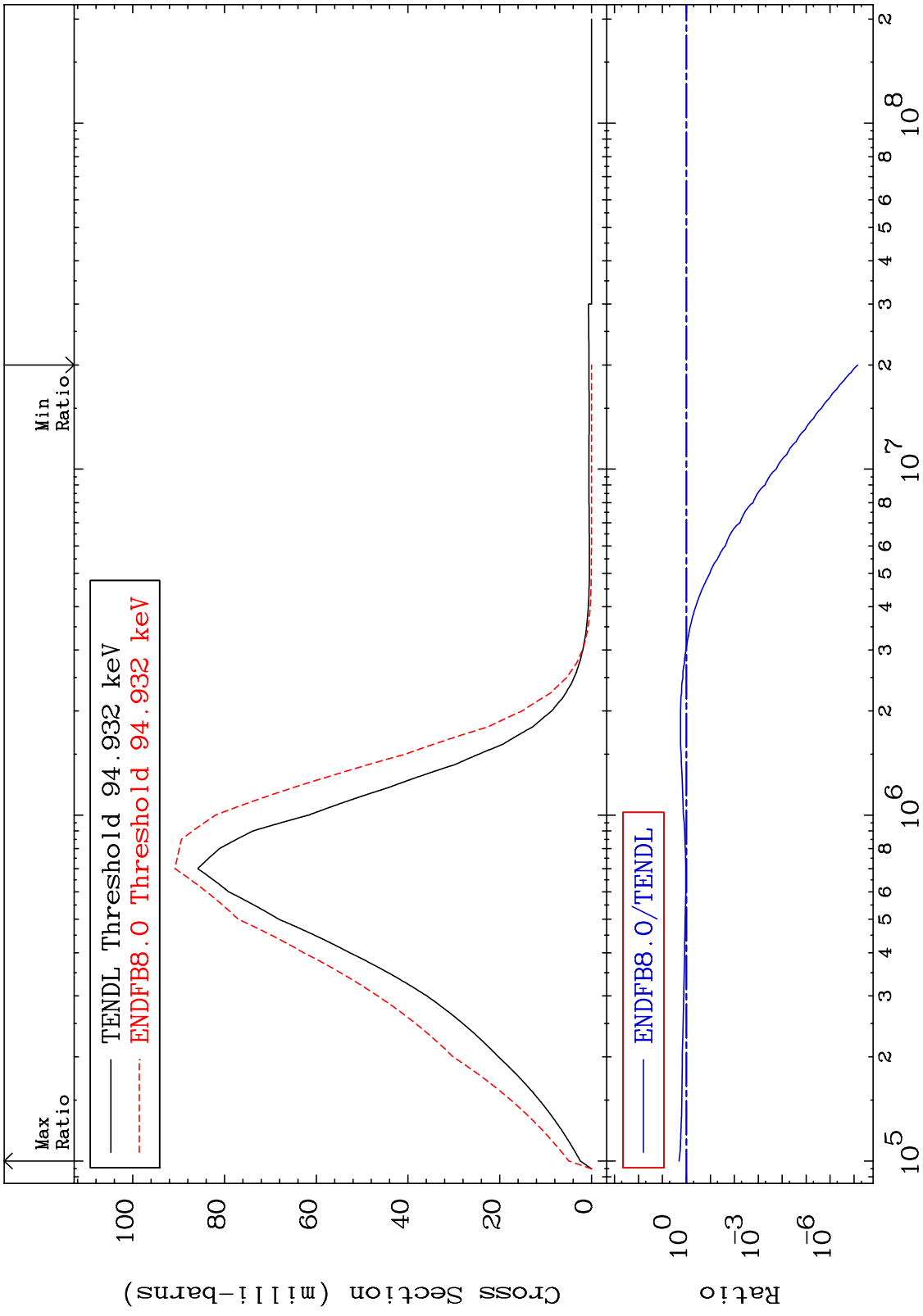
8 Incident Energy (eV) 61-Pm-146

MAT 6146      MT= 55 (n,n') Level Cross Section      61-Pm-146  
-100.0 To 158.8 %



9      Incident Energy (eV)      61-Pm-146

MAT 6146 MT= 56 (n,n') Level Cross Section 61-Pm-146 -100.0 To 103.1 %

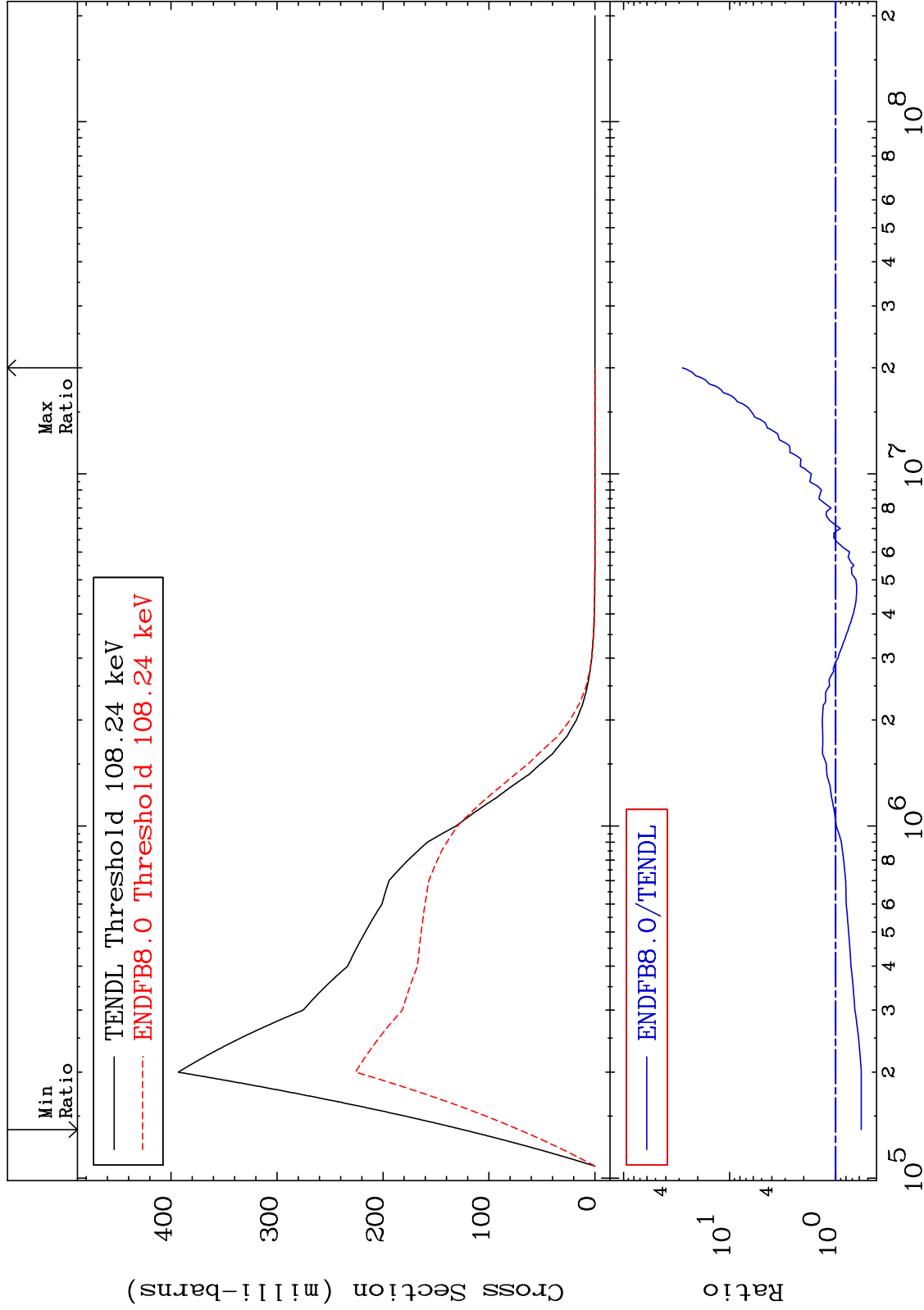


61-Pm-146

MAT 6146

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

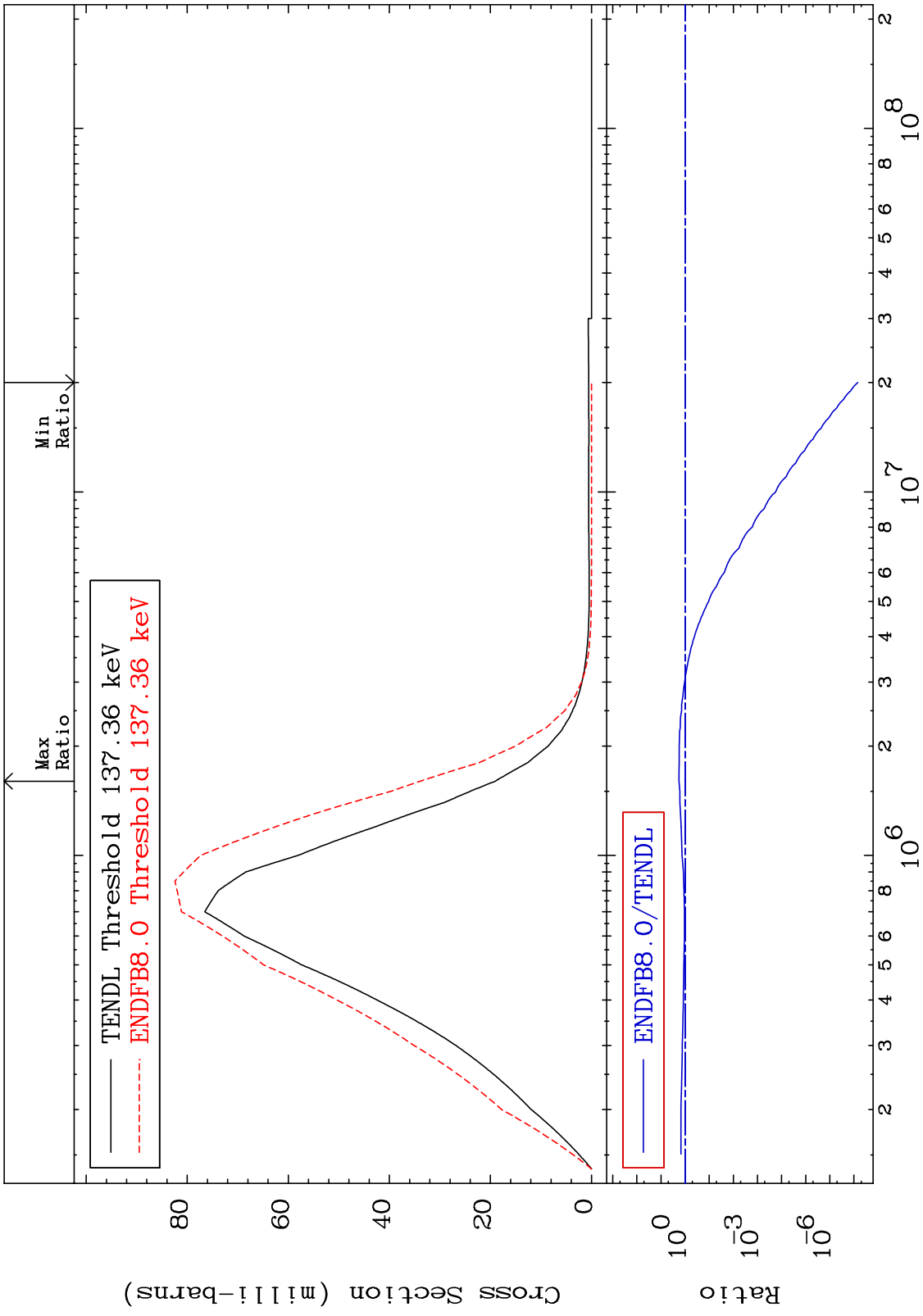
61-Pm-146  
-42.54 To 2684. %



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61-Pm-146

MAT 6146 MT= 58 (n,n') Level Cross Section 61-Pm-146  
 -100.0 To 77.76 %

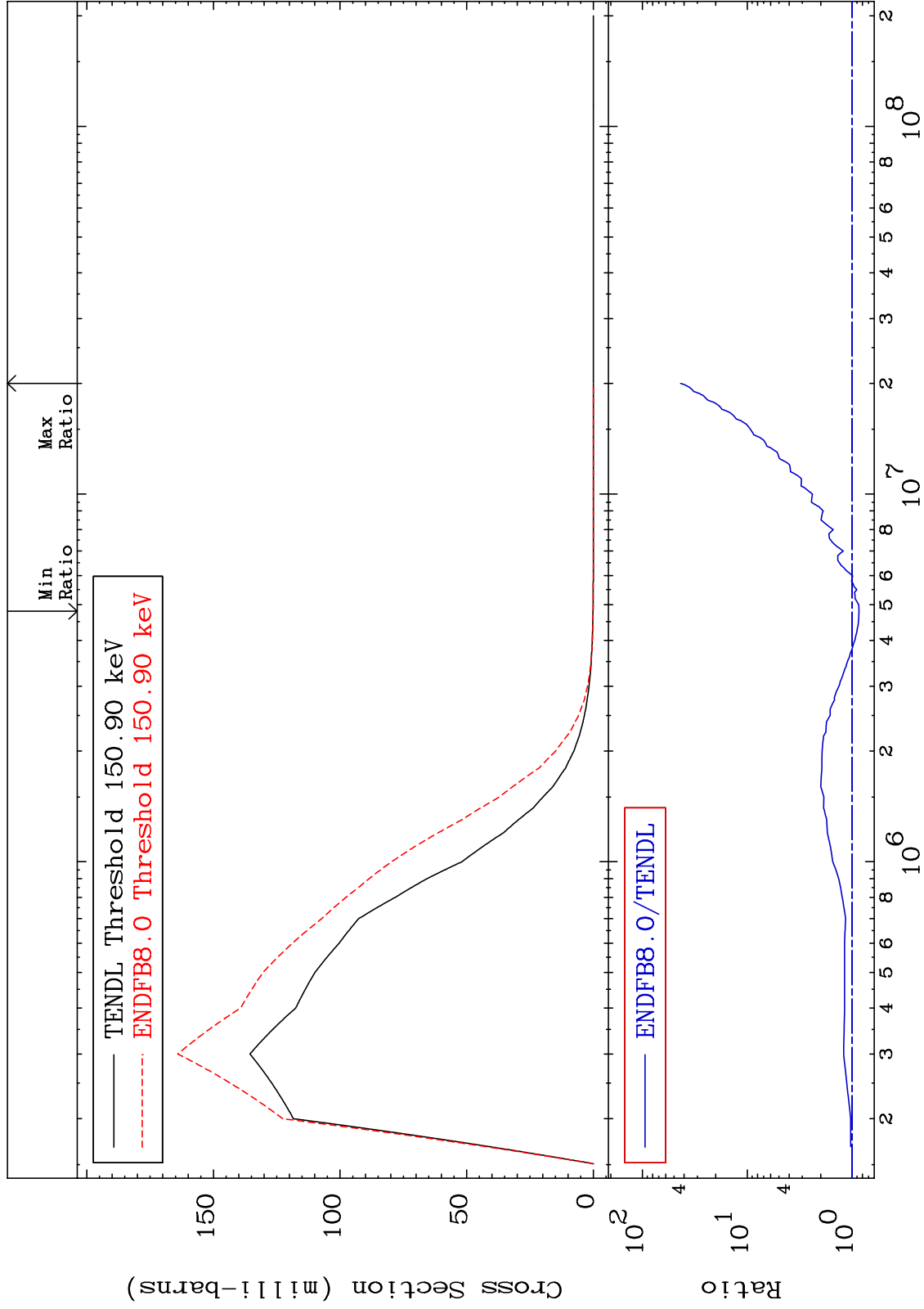


12 61-Pm-146

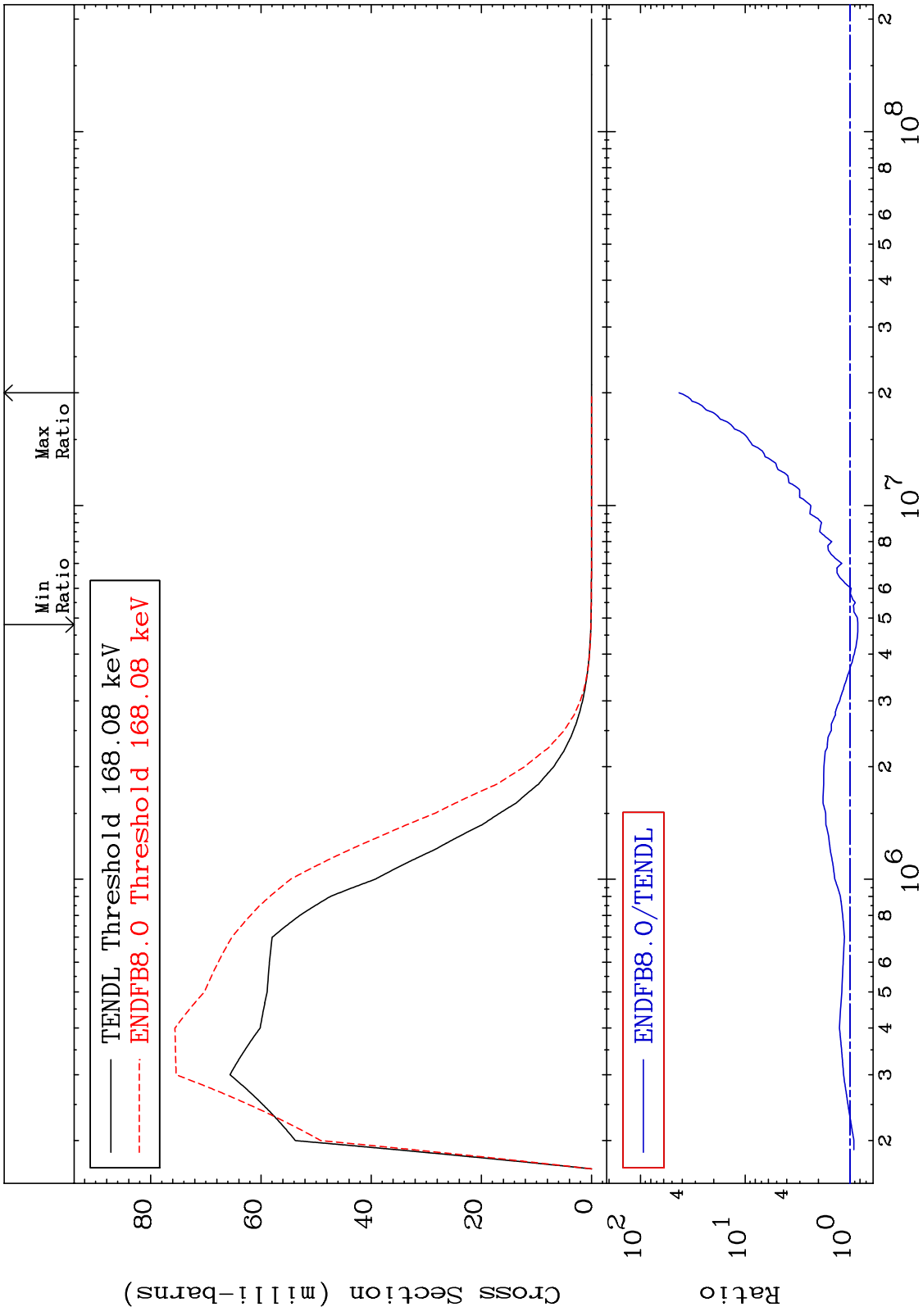
MAT 6146

MT= 59 (n,n') Level  
Cross Section

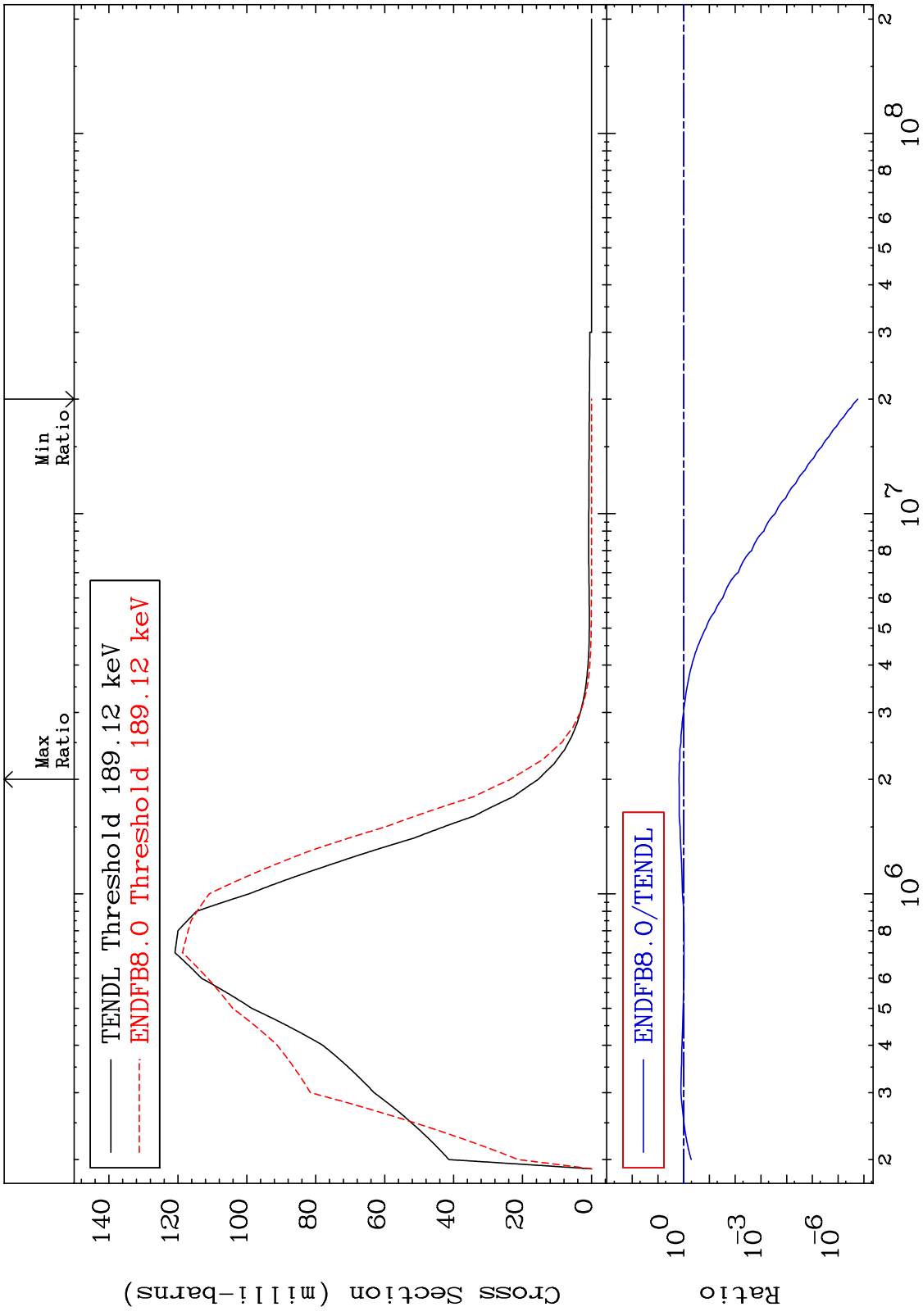
61-Pm-146  
-13.72 To 4222. %



MAT 6146 MT= 60 (n,n') Level Cross Section 61-Pm-146 -16.12 To 4187. %

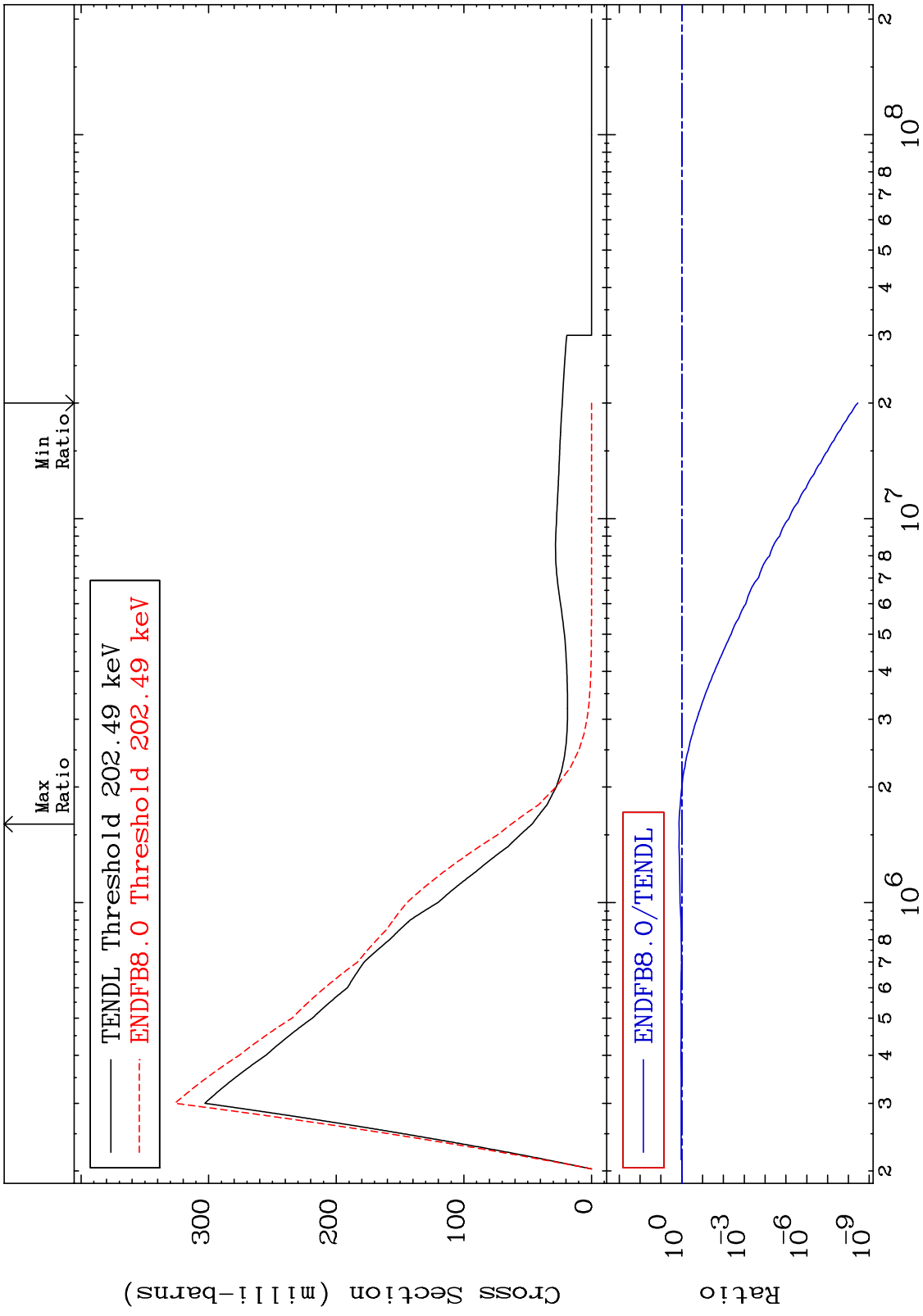


MAT 6146 MT= 61 (n,n') Level Cross Section 61-Pm-146 -100.0 To 52.02 %

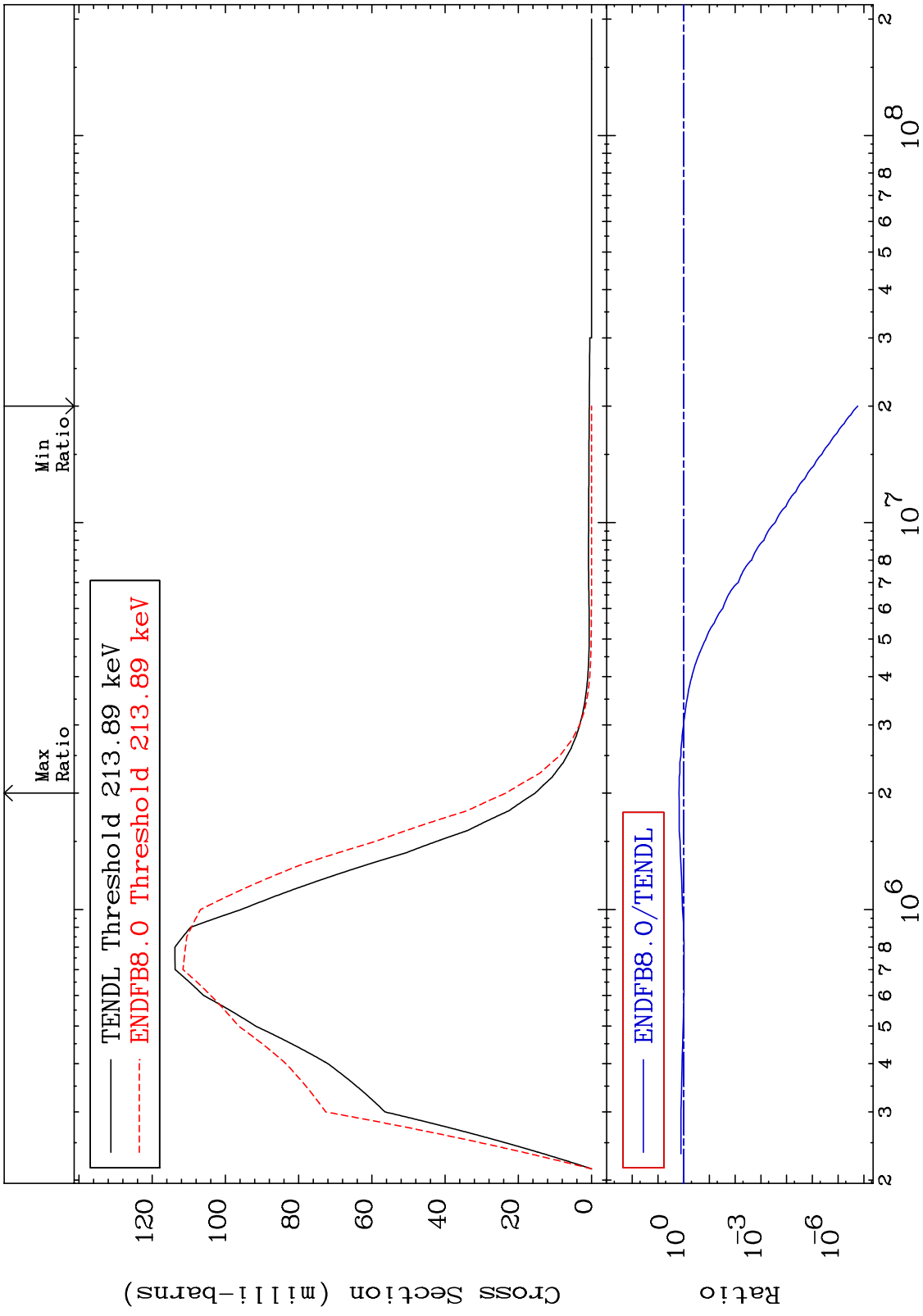




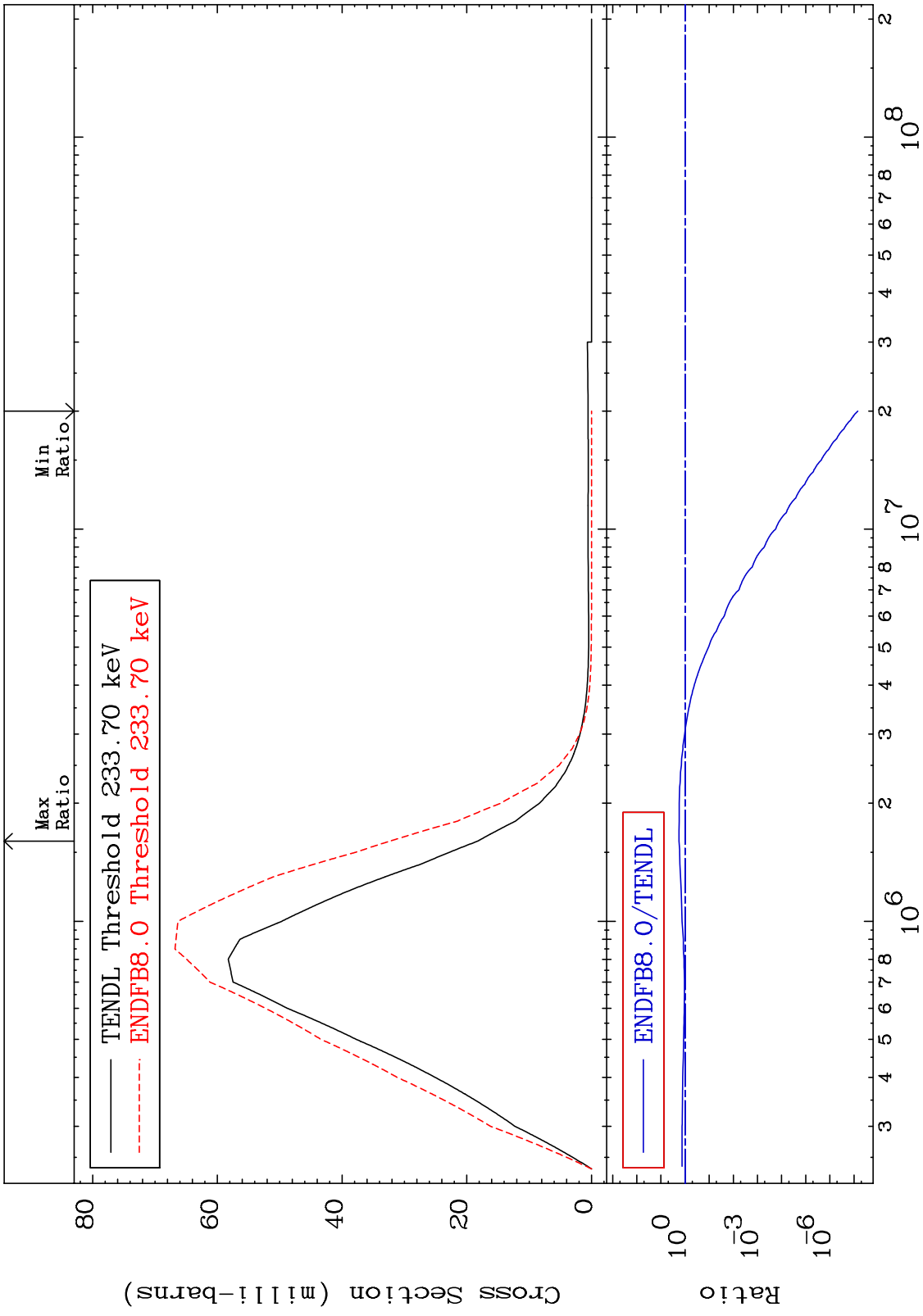
MAT 6146 MT= 62 (n,n') Level Cross Section 61-Pm-146 -100.0 To 34.87 %



MAT 6146 MT= 63 (n,n') Level Cross Section 61-Pm-146 -100.0 To 51.97 %



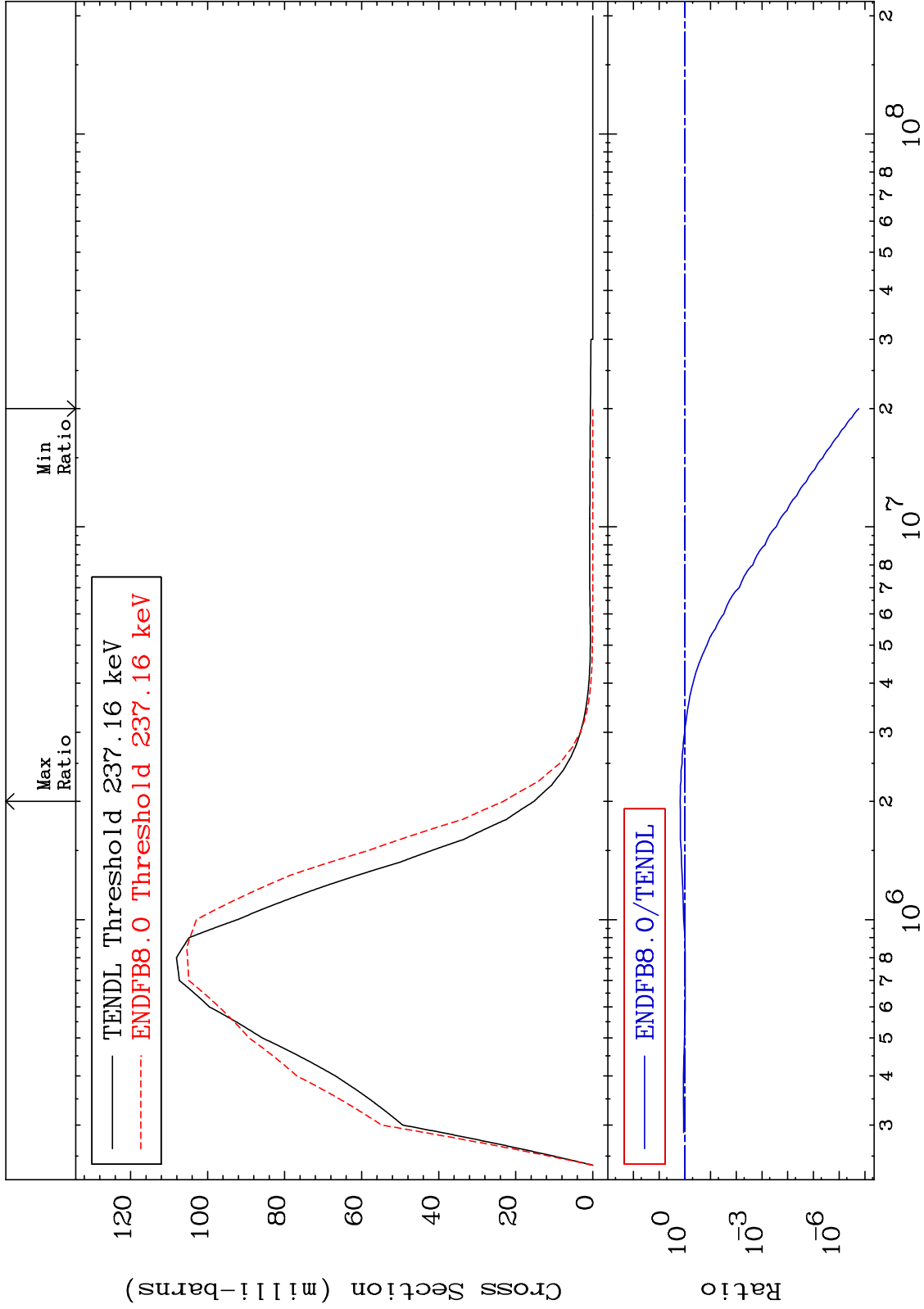
MAT 6146 MT= 64 (n,n') Level Cross Section 61-Pm-146 -100.0 To 77.10 %



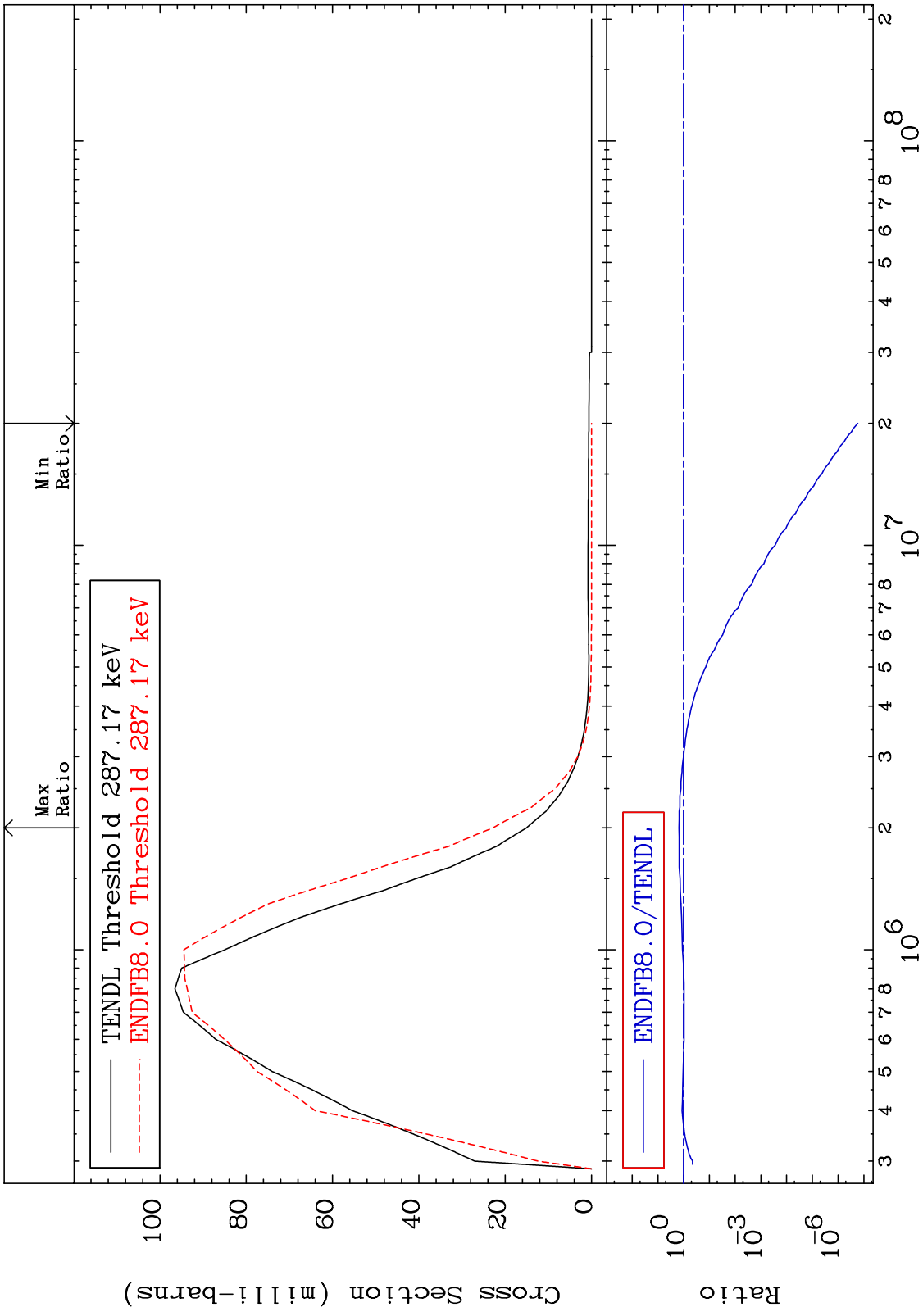
MAT 6146

MT= 65 (n,n') Level  
Cross Section

61-Pm-146  
-100.0 To 51.94 %



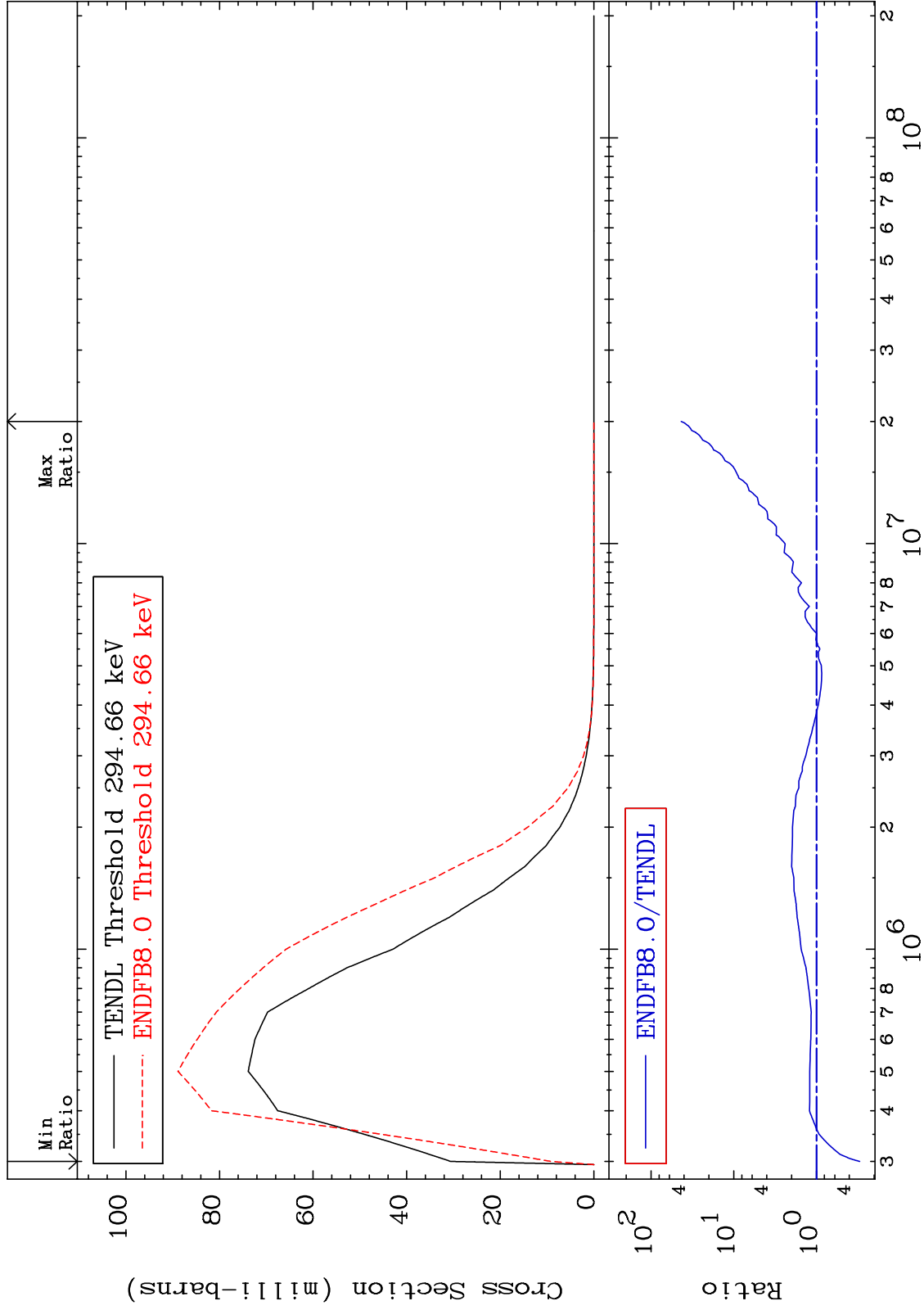
MAT 6146 MT= 66 (n,n') Level Cross Section 61-Pm-146 -100.0 To 51.91 %



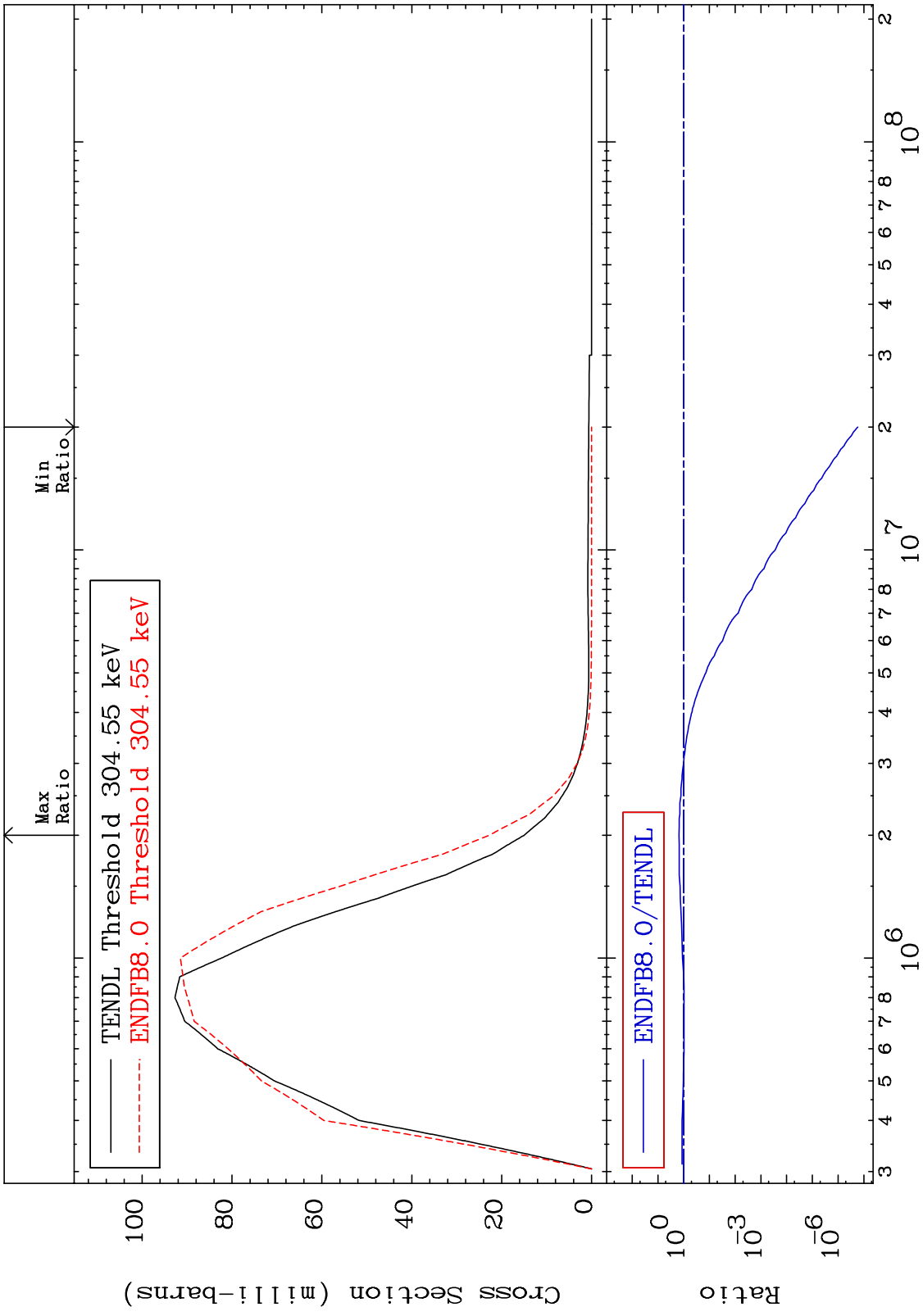
MAT 6146

MT= 67 (n,n') Level  
Cross Section

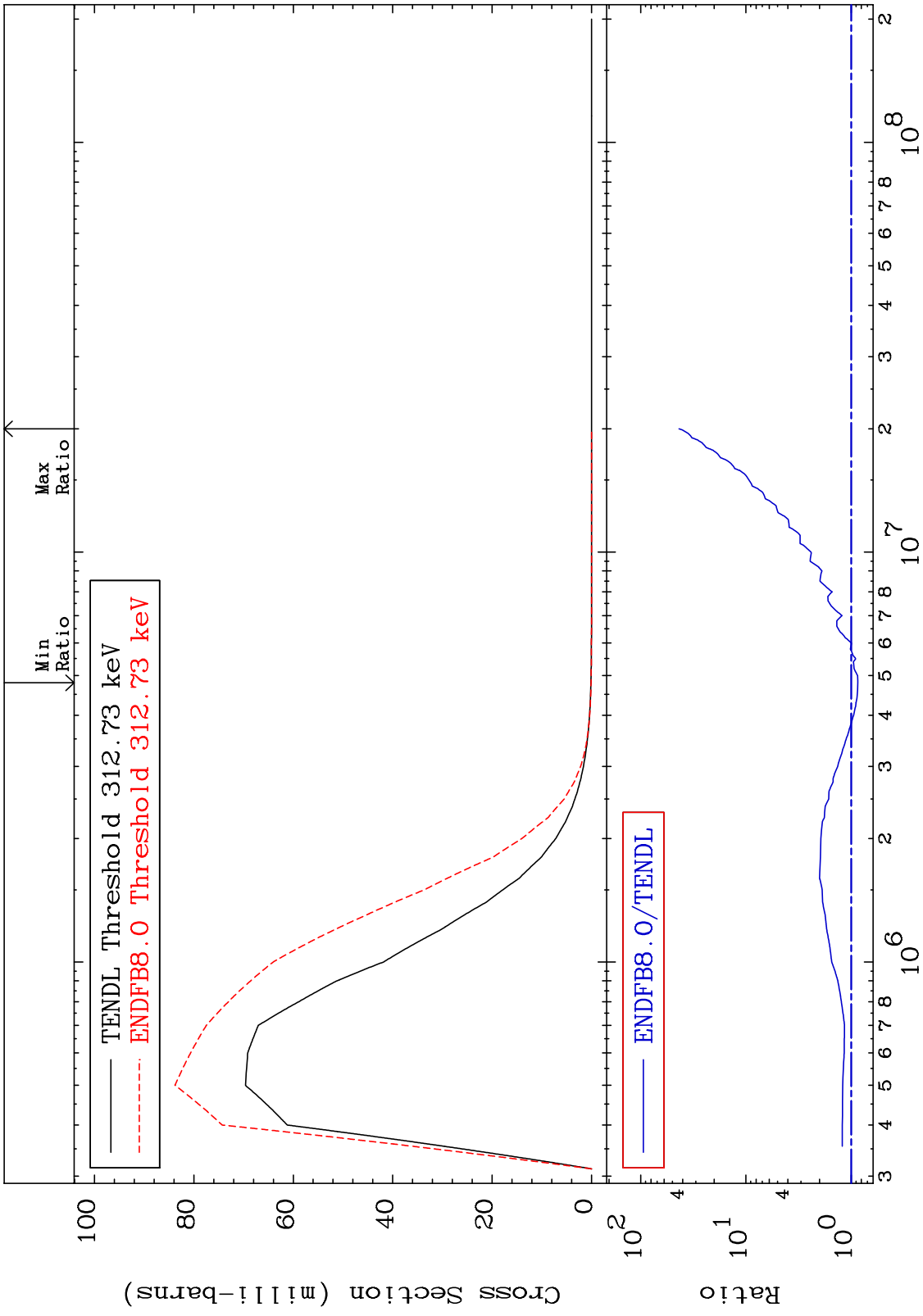
61-Pm-146  
-70.11 To 4222. %



MAT 6146 MT= 68 (n,n') Level Cross Section 61-Pm-146 -100.0 To 51.86 %

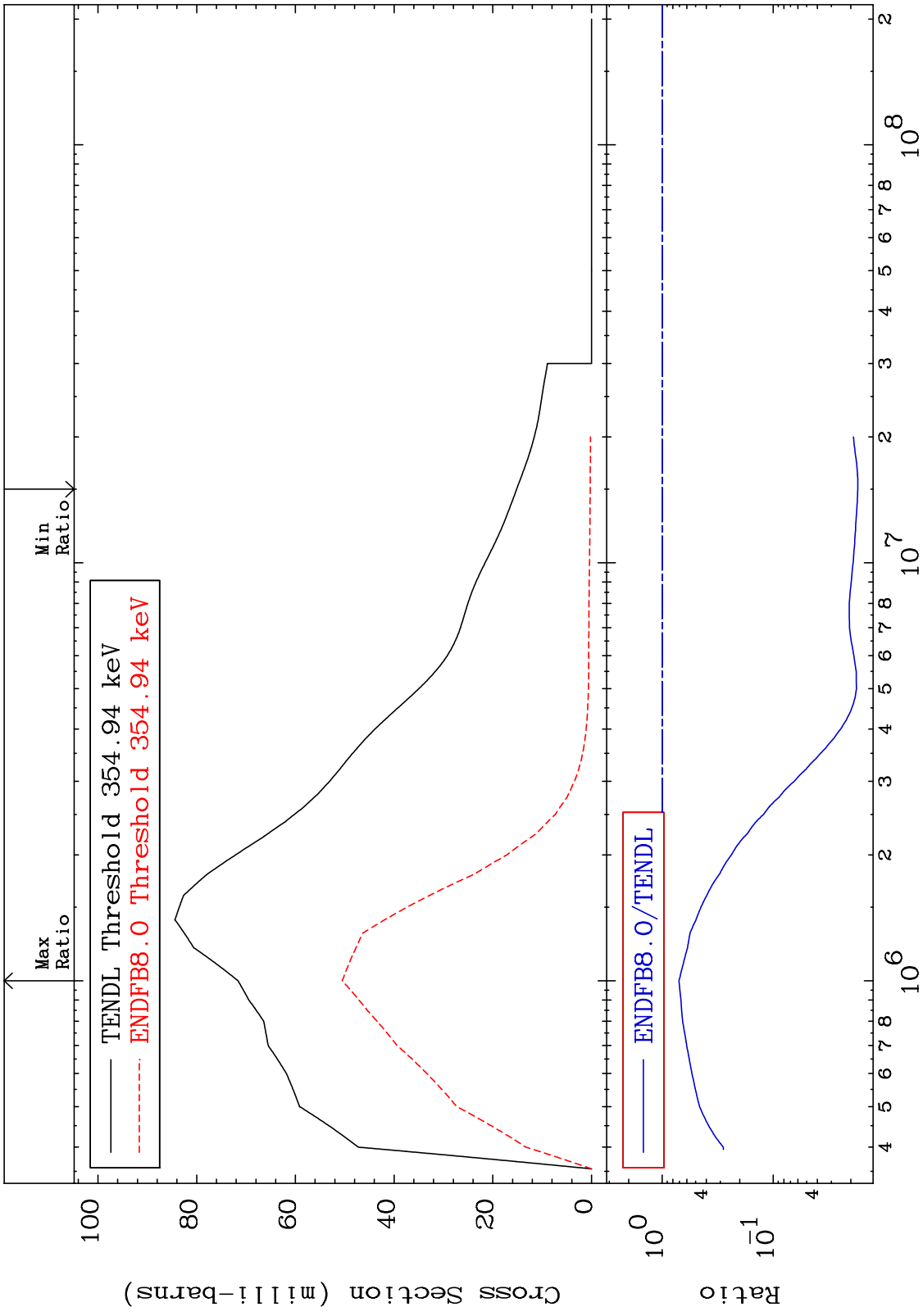


MAT 6146 MT= 69 (n,n') Level Cross Section 61-Pm-146 -13.59 To 4223. %

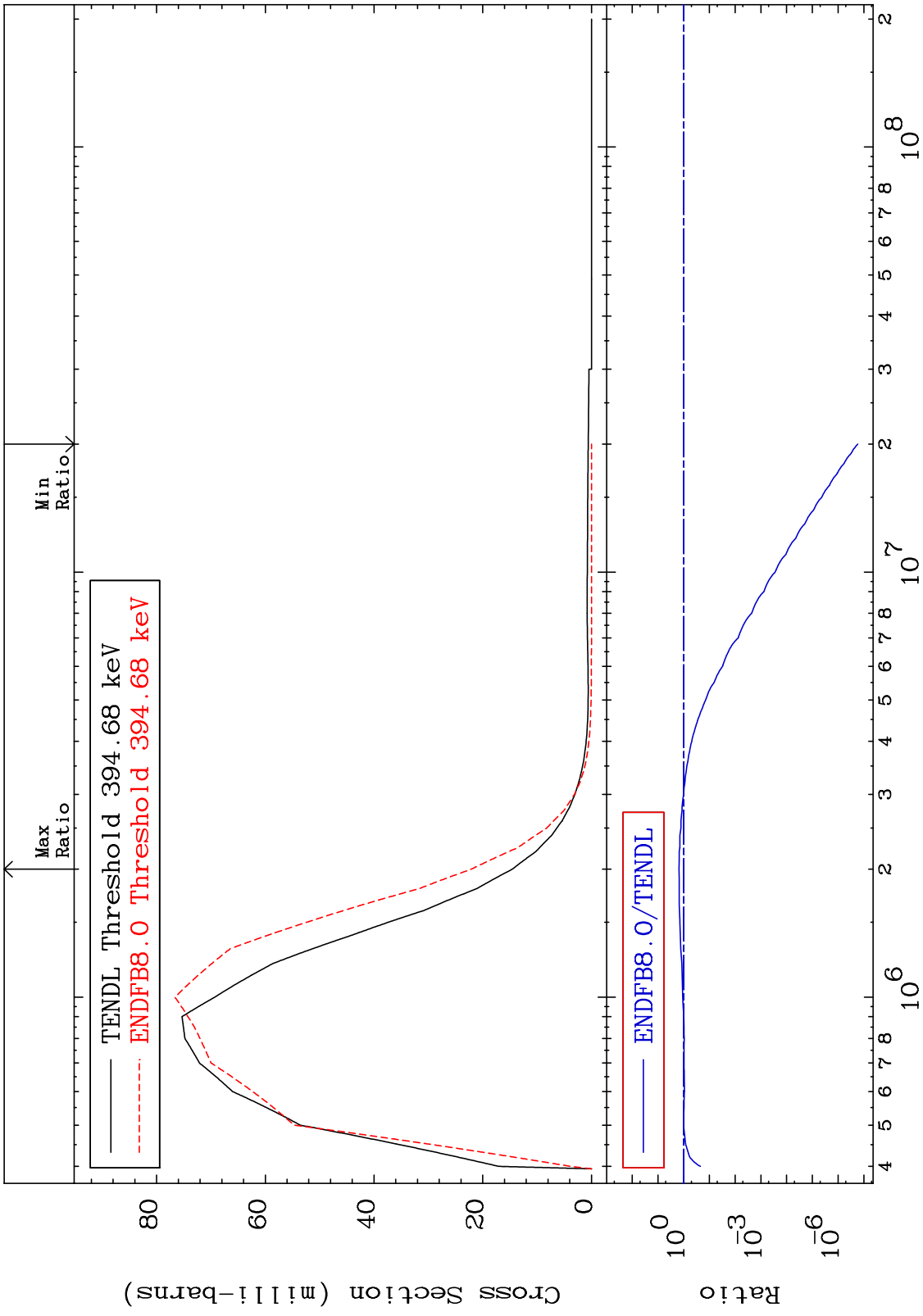




MAT 6146 MT= 70 (n,n') Level 61-Pm-146  
 Cross Section -98.27 To -29.49%



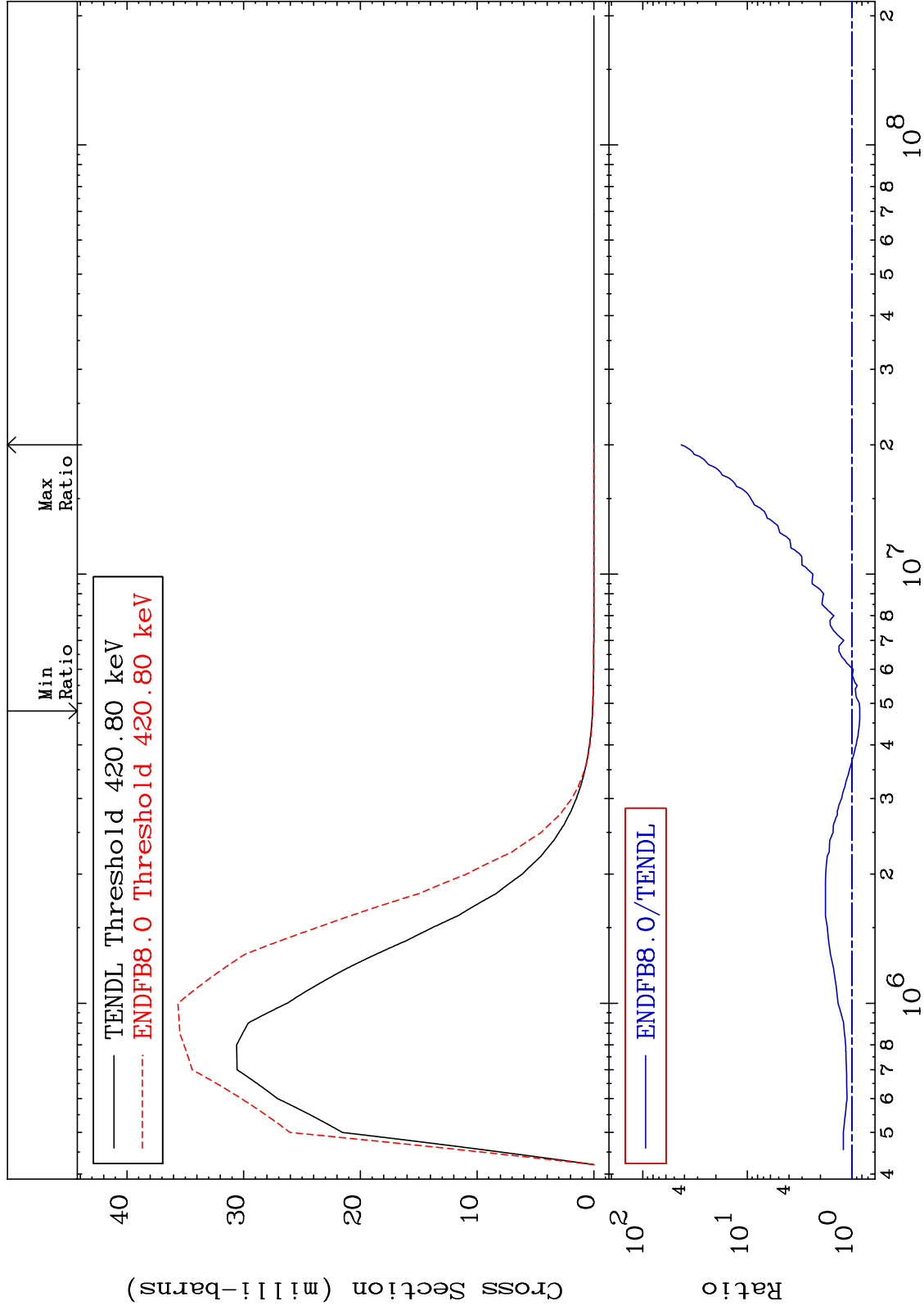
MAT 6146 MT= 71 (n,n') Level Cross Section 61-Pm-146 -100.0 To 51.78 %



MAT 6146

MT= 72 (n,n') Level  
Cross Section

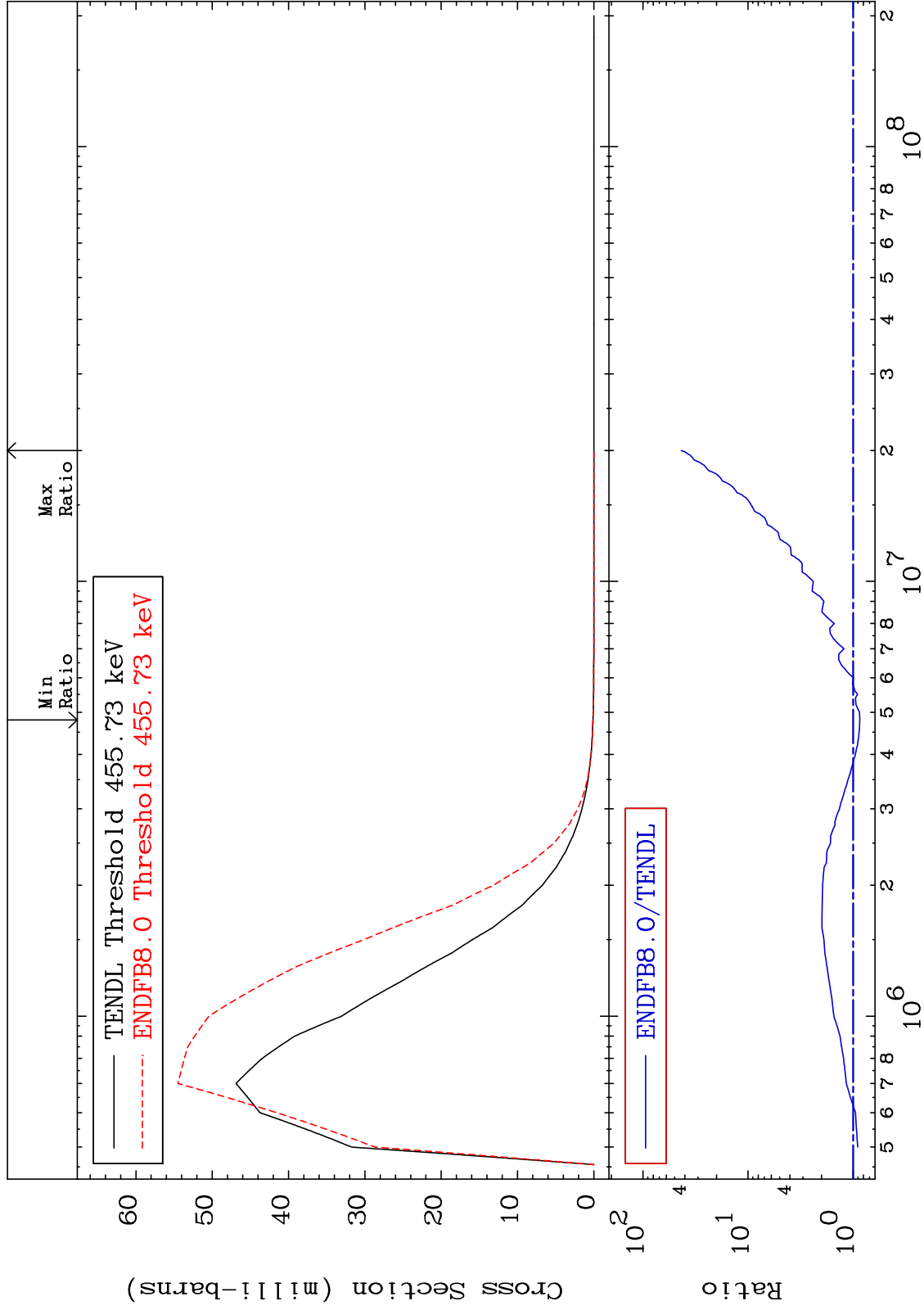
61-Pm-146  
-15.96 To 4188. %



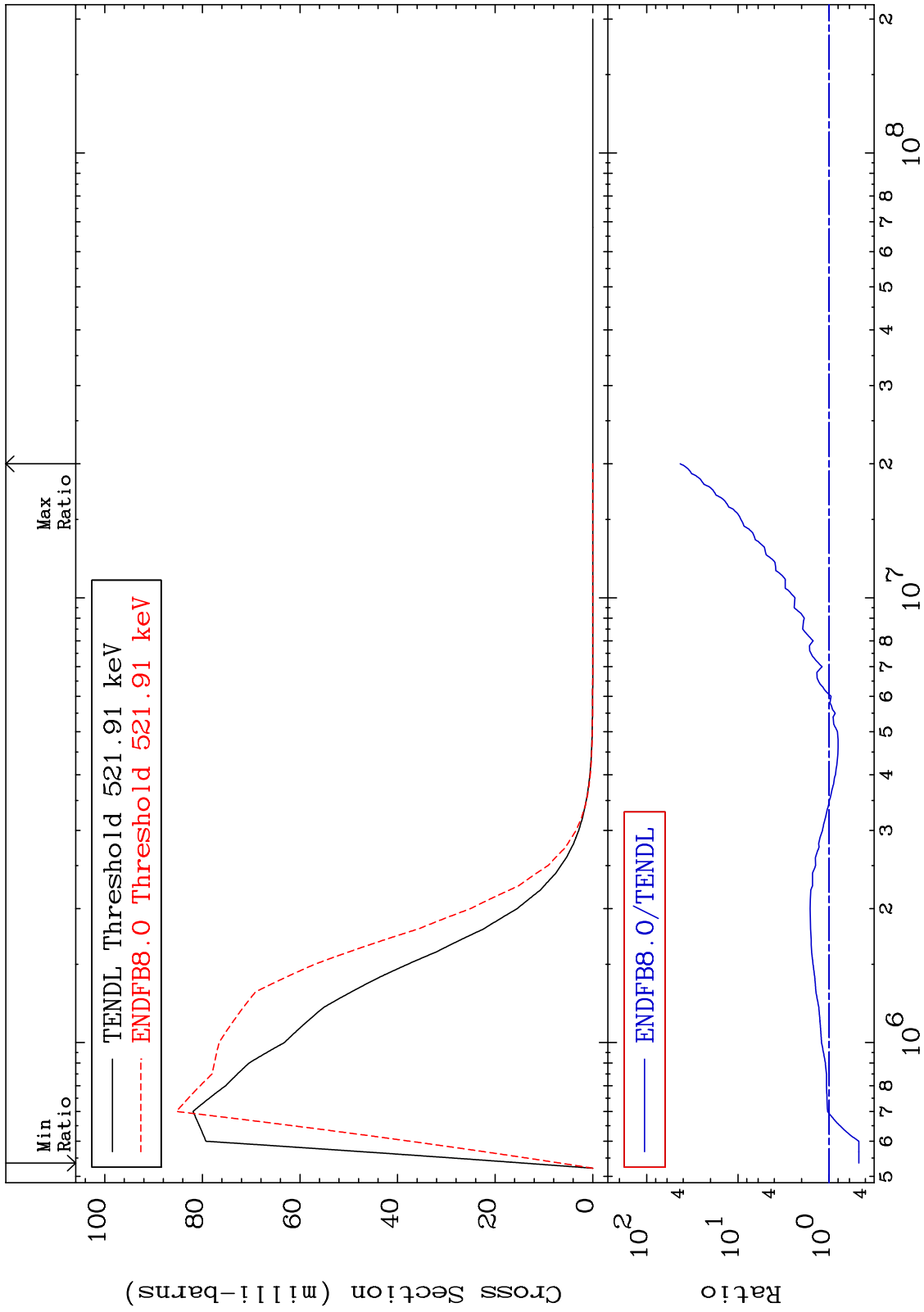
MAT 6146

MT= 73 (n,n') Level  
Cross Section

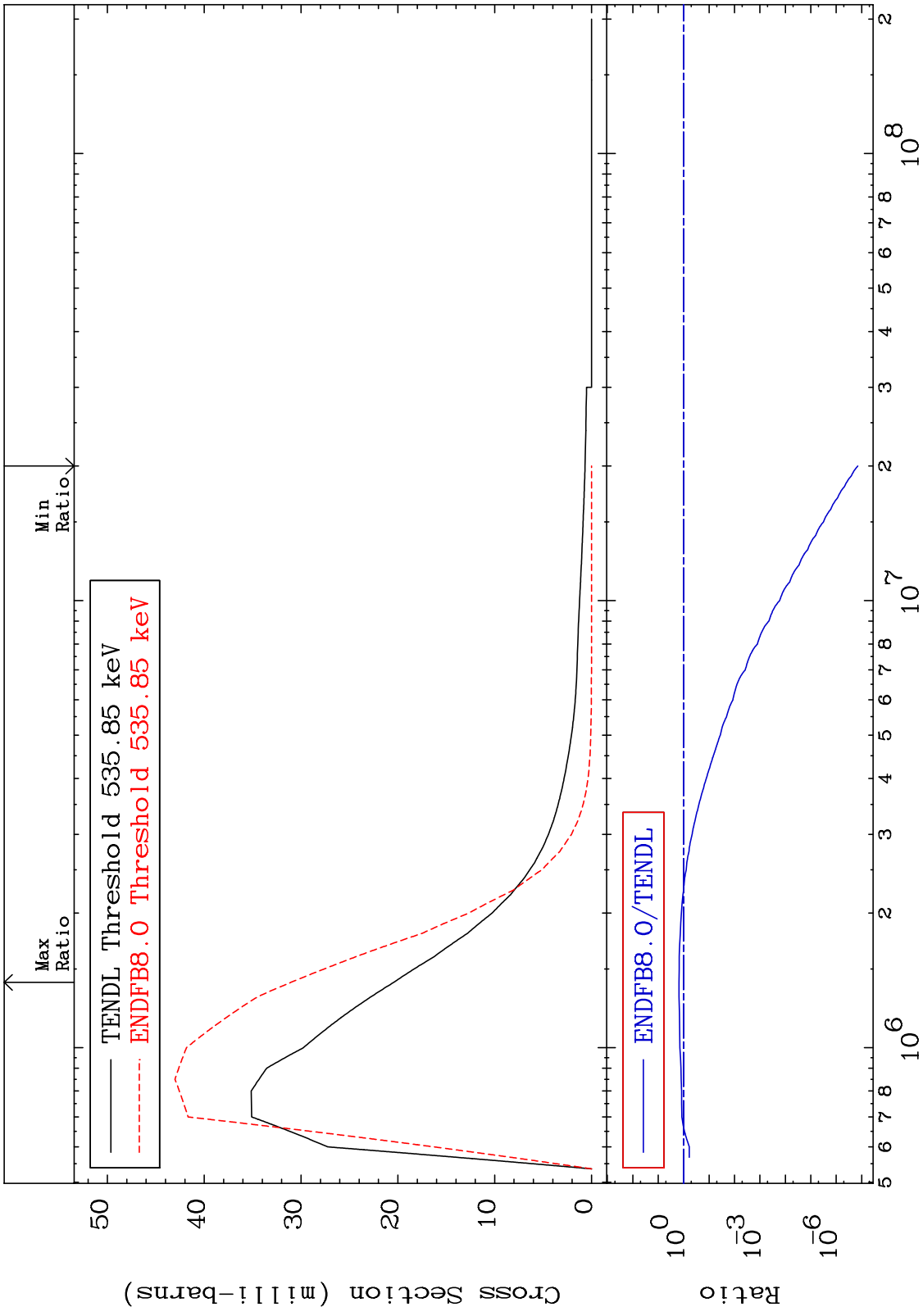
61-Pm-146  
-13.48 To 4223. %



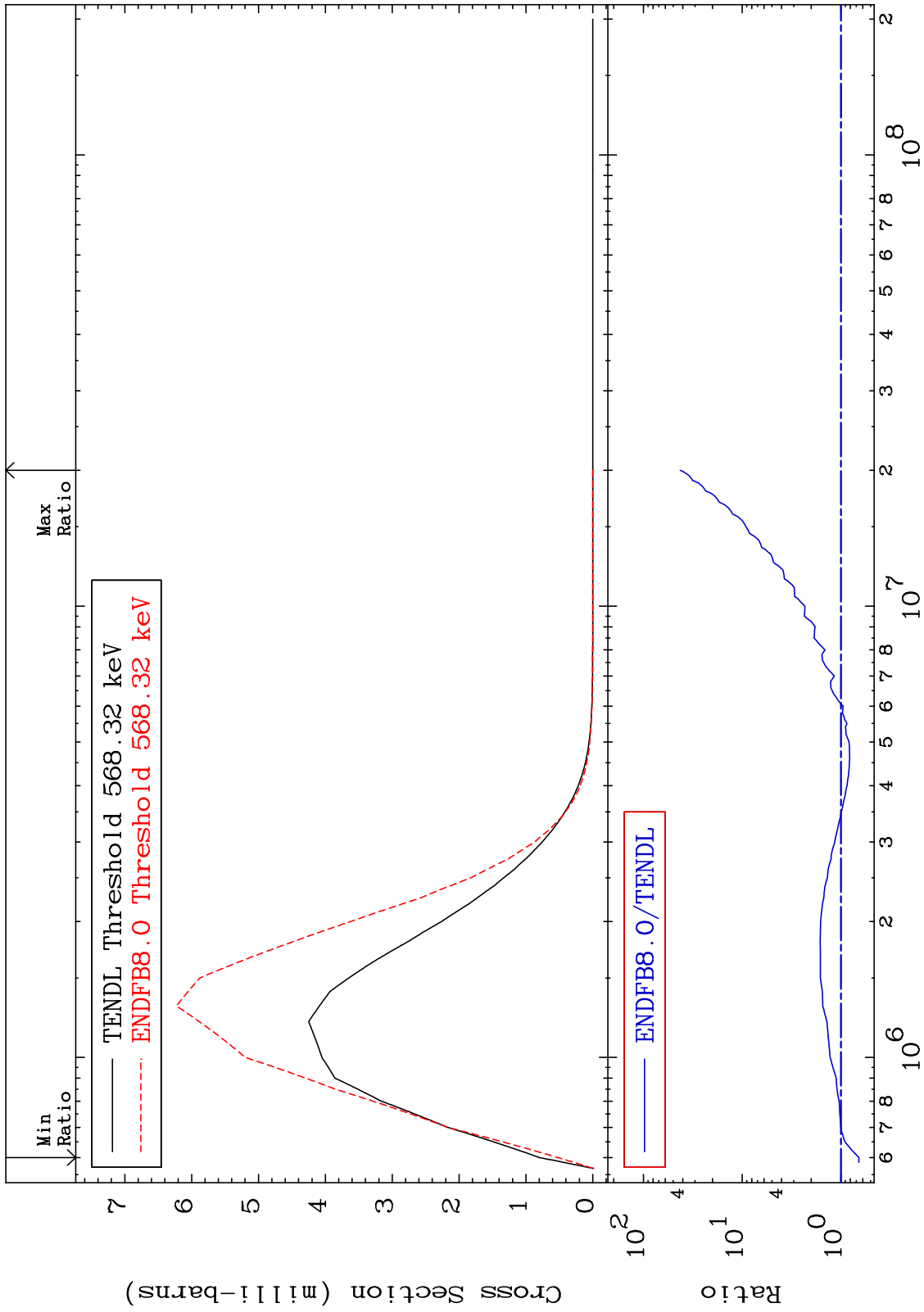
MAT 6146 MT= 74 (n,n') Level Cross Section 61-Pm-146 -52.82 To 4202. %



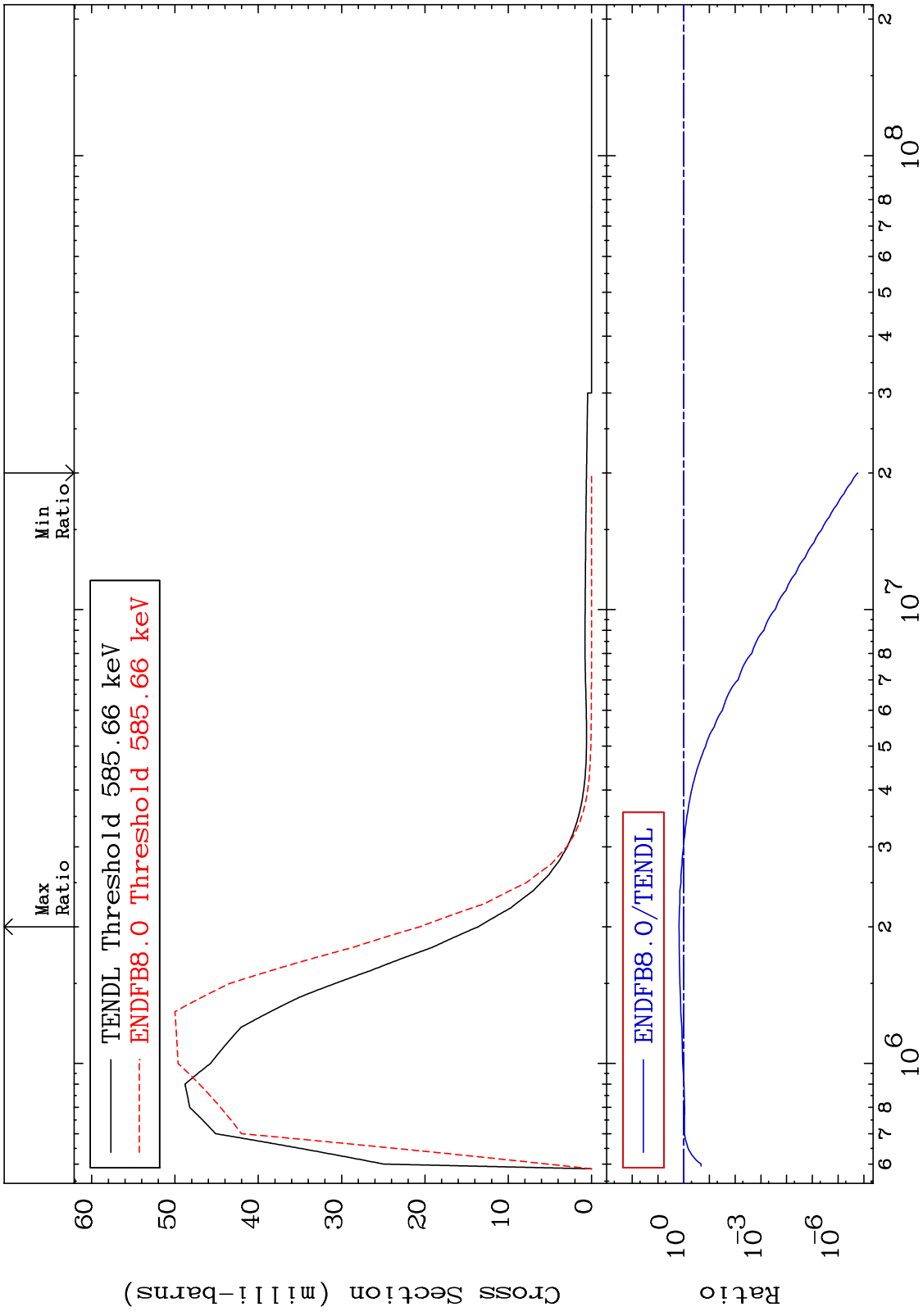
MAT 6146 MT= 75 (n,n') Level Cross Section 61-Pm-146 -100.0 To 51.99 %



MAT 6146      MT= 76 (n,n') Level      61-Pm-146  
 Cross Section      -34.39 To 4143. %



MAT 6146 MT= 77 (n,n') Level Cross Section 61-Pm-146 -100.0 To 51.47 %

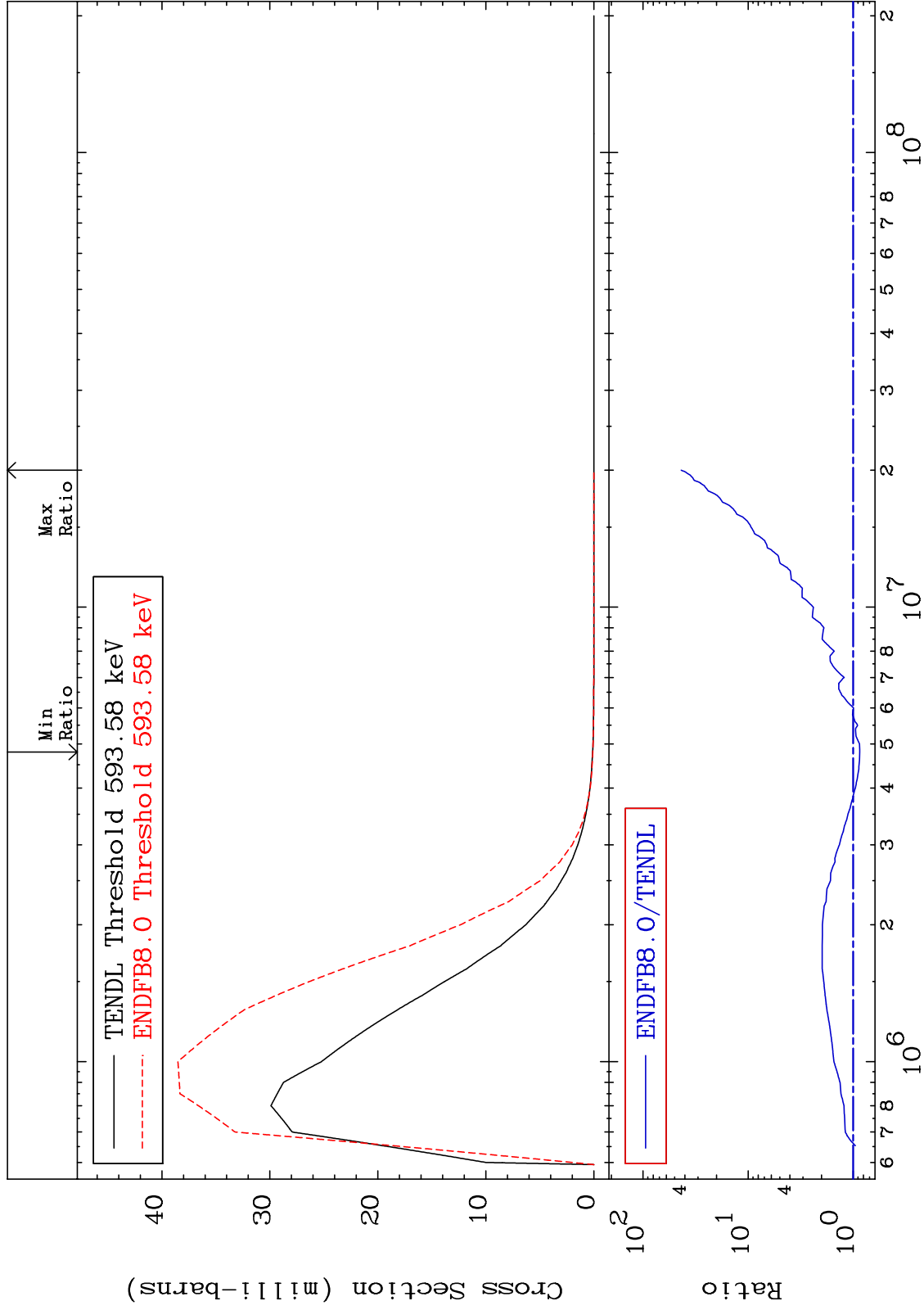




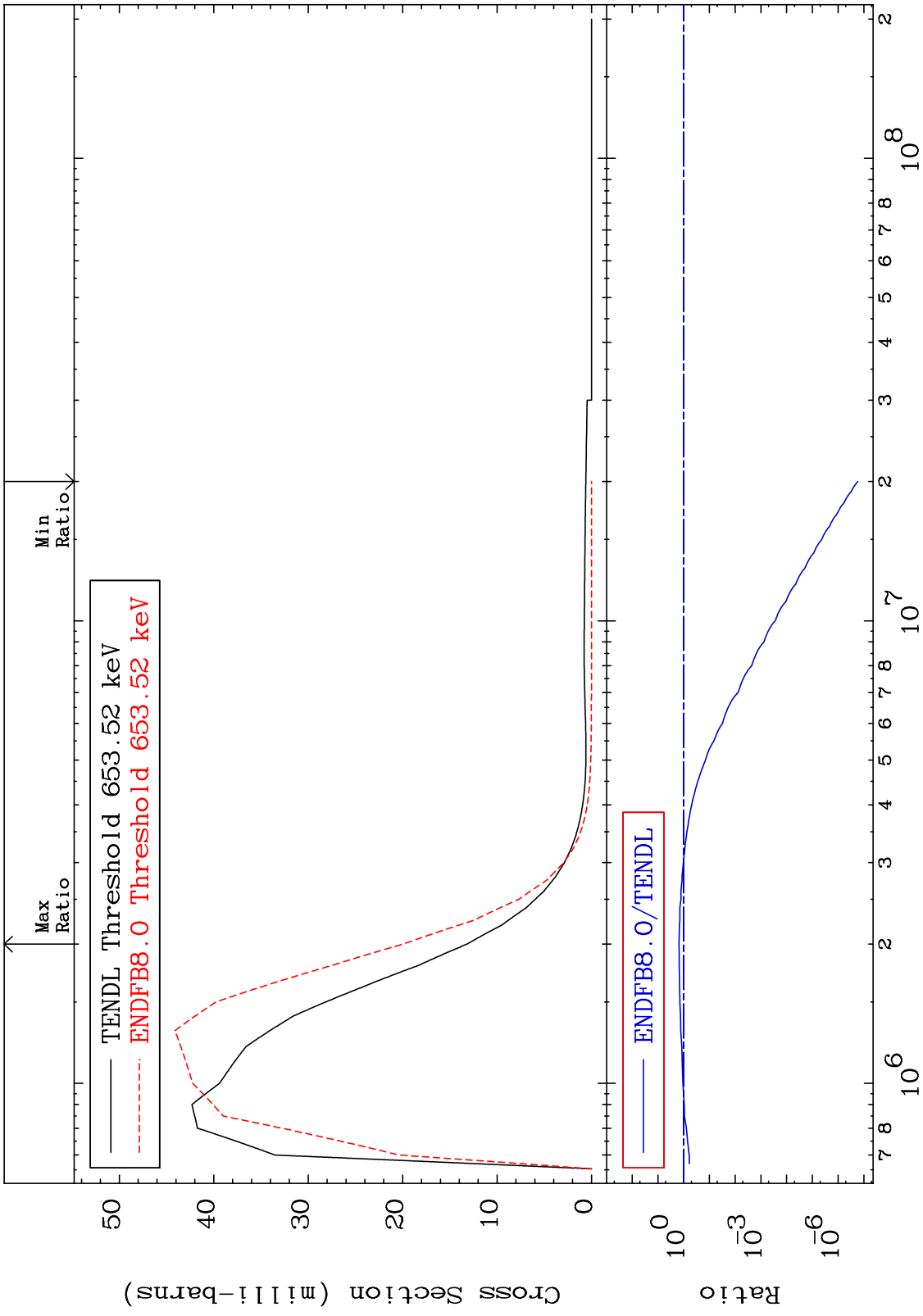
MAT 6146

MT= 78 (n,n') Level  
Cross Section

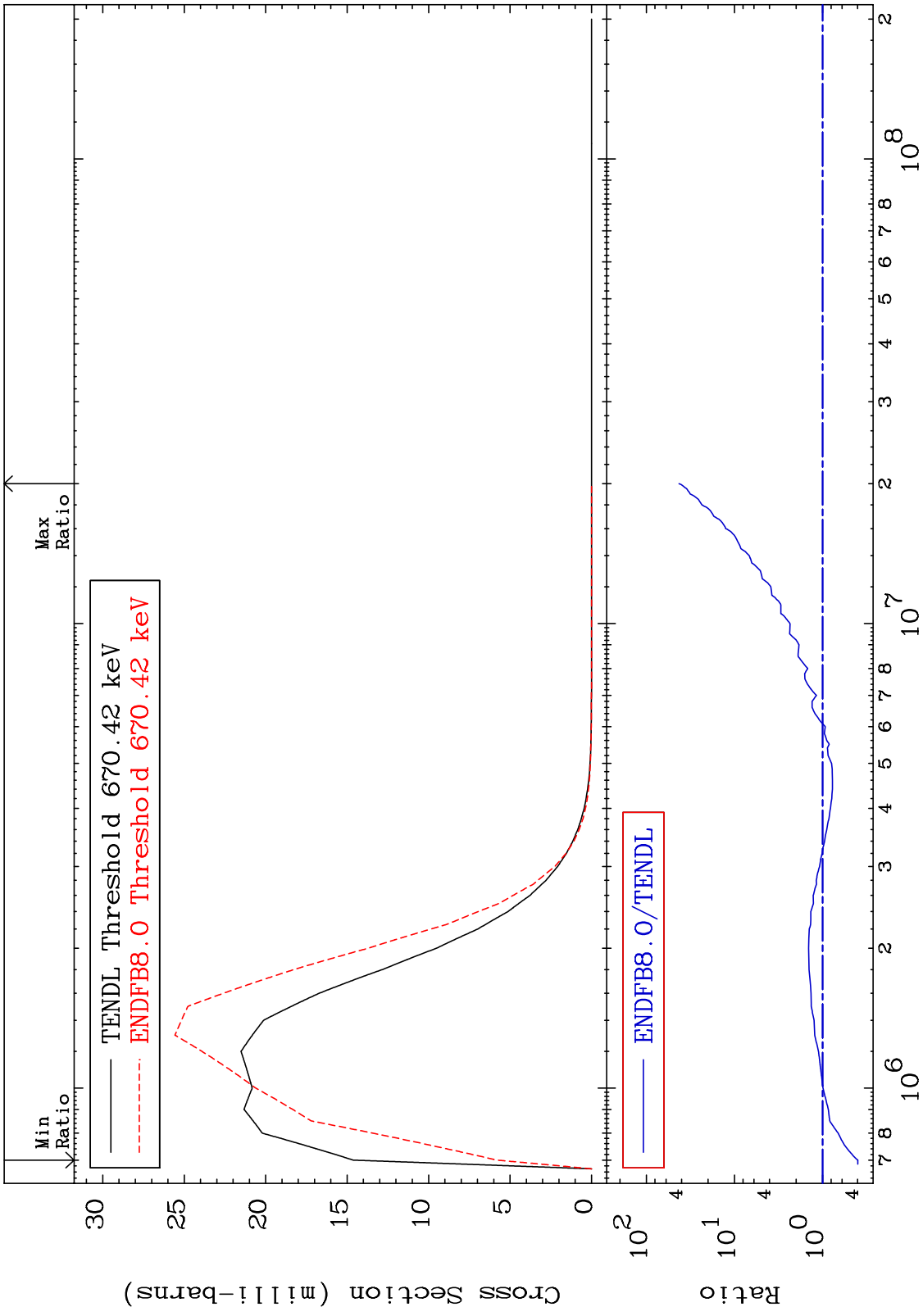
61-Pm-146  
-13.36 To 4224. %



MAT 6146 MT= 79 (n,n') Level Cross Section 61-Pm-146 -100.0 To 51.31 %



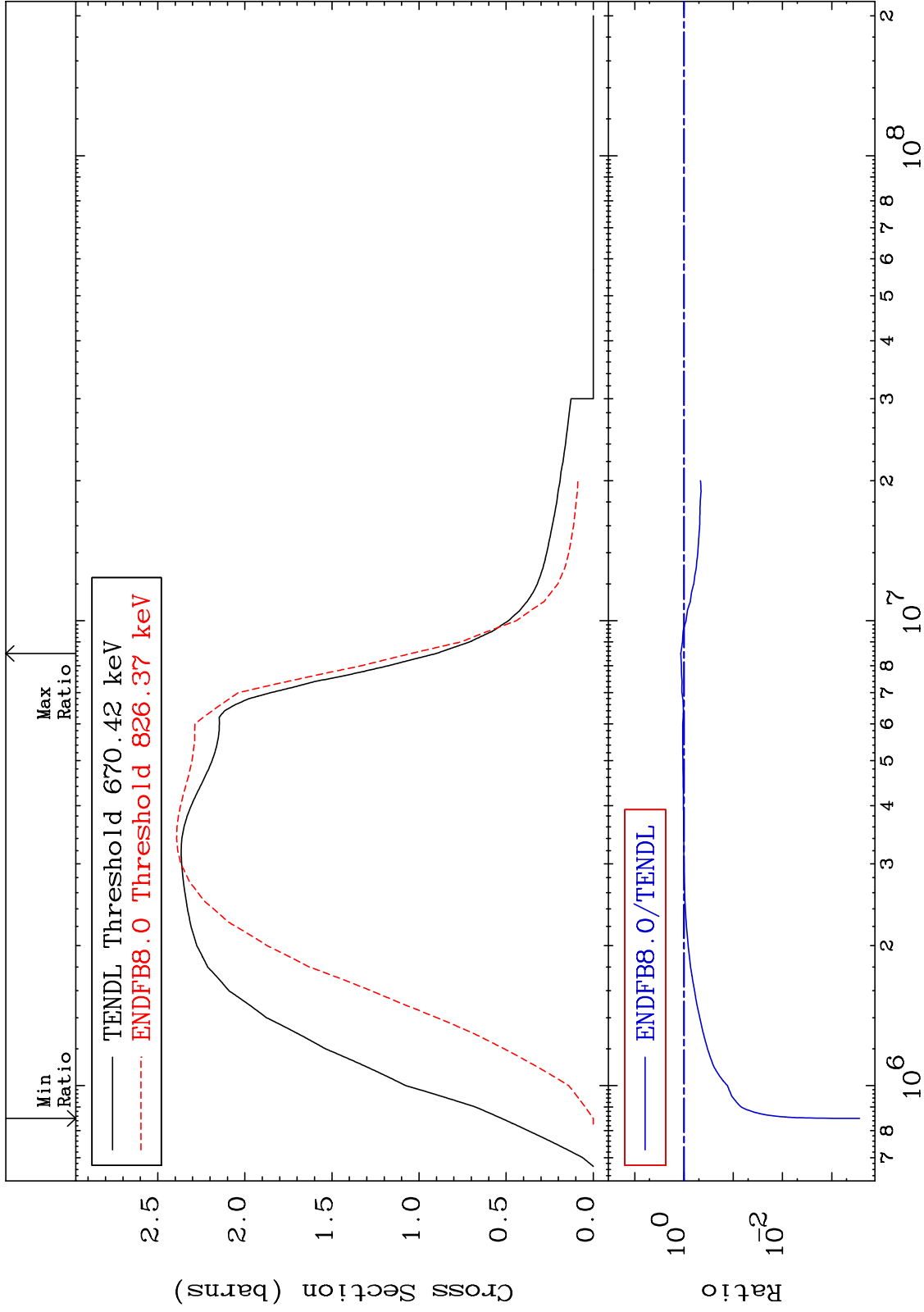
MAT 6146 MT= 80 (n,n') Level Cross Section 61-Pm-146 -60.27 To 4167. %



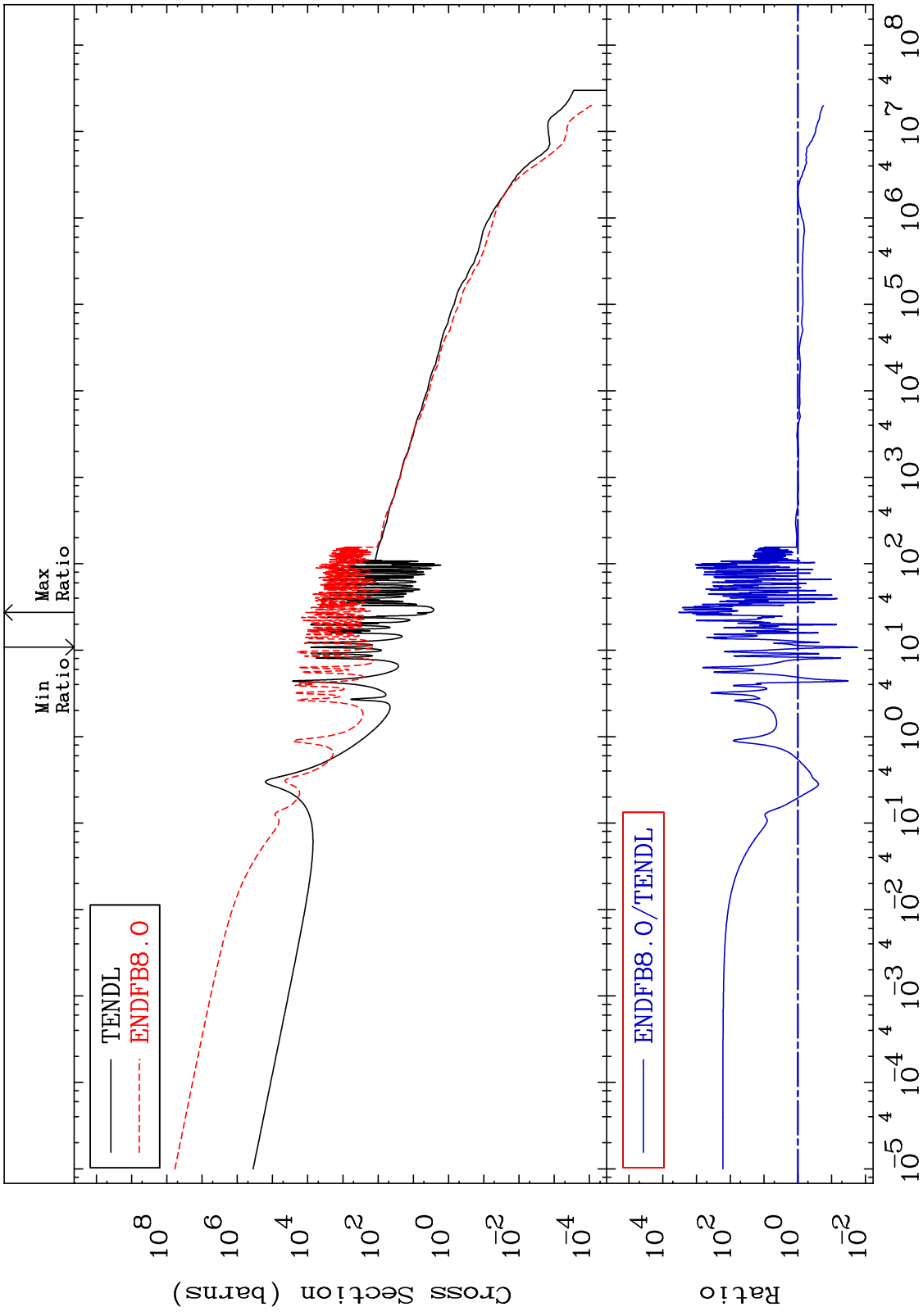
MAT 6146

(n, n') Continuum  
Cross Section

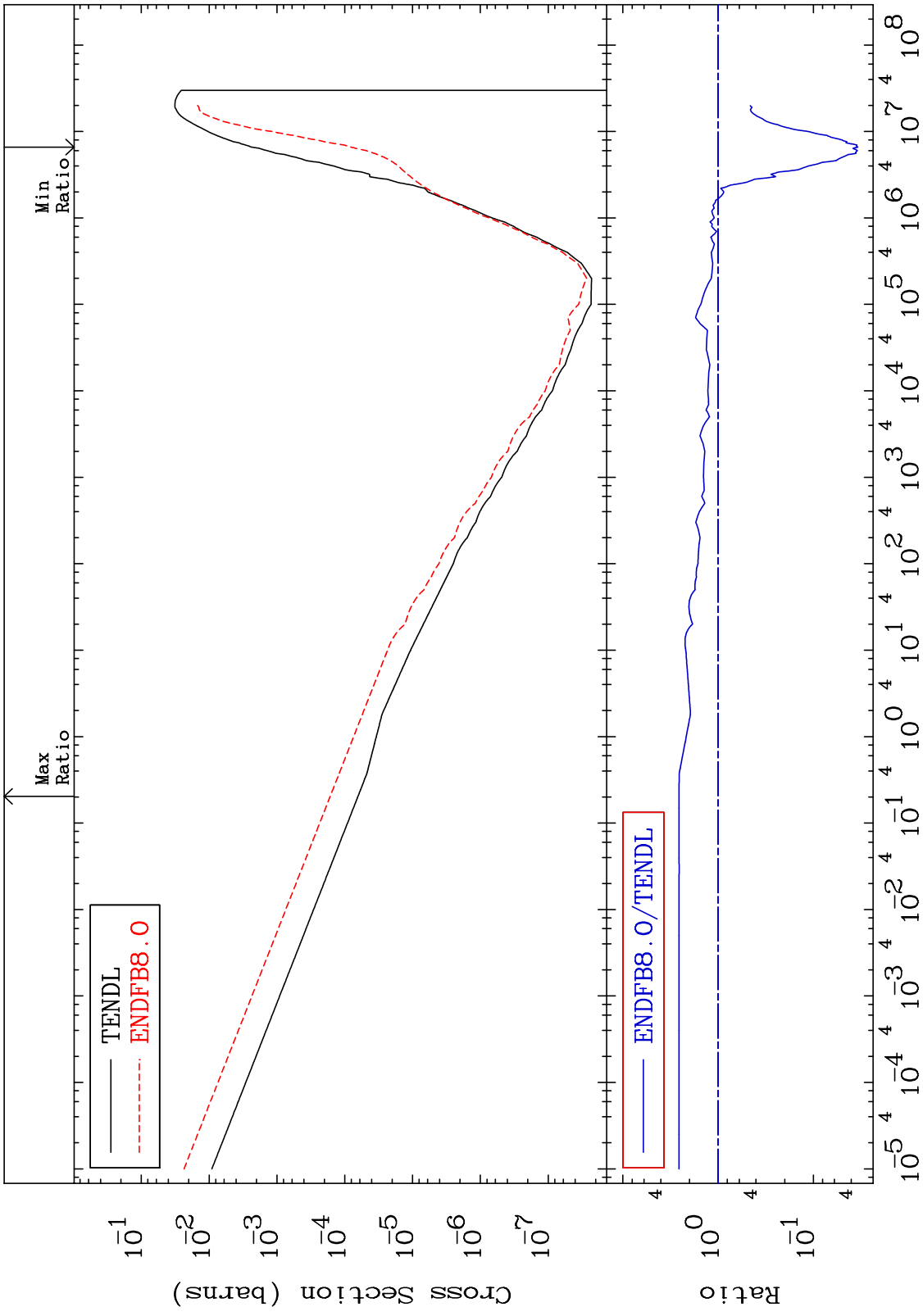
61-Pm-146  
-99.97 To 16.01 %



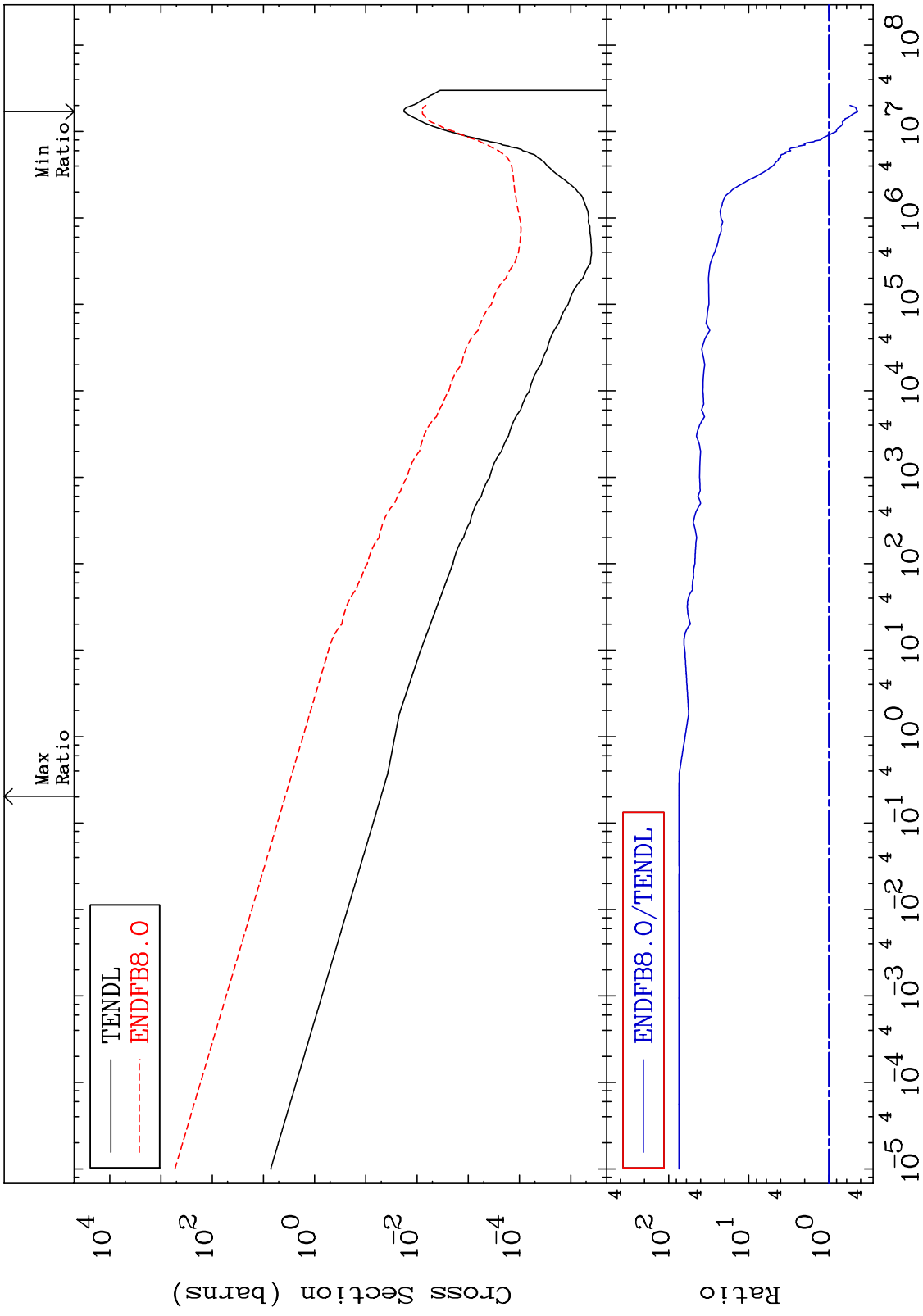
MAT 6146 61-Pm-146  
-98.33 To 9999. %



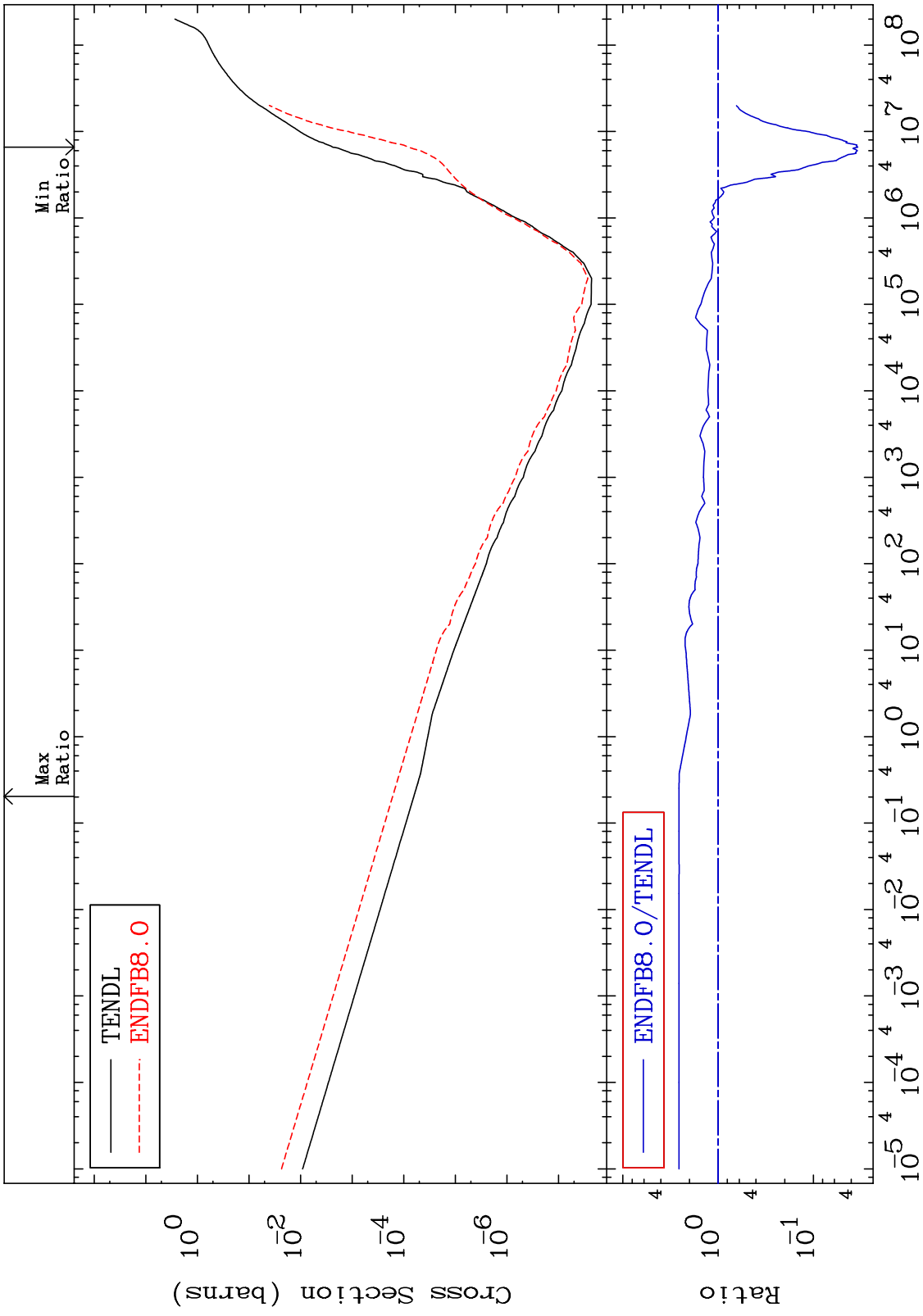
MAT 6146 (n,p) Cross Section 61-Pm-146 -96.59 To 157.1 %



MAT 6146 61-Pm-146  
-56.54 To 7314. %  
 (n,  $\alpha$ )  
 Cross Section



MAT 6146 Hydrogen Production Cross Section 61-Pm-146 -96.59 To 157.1 %

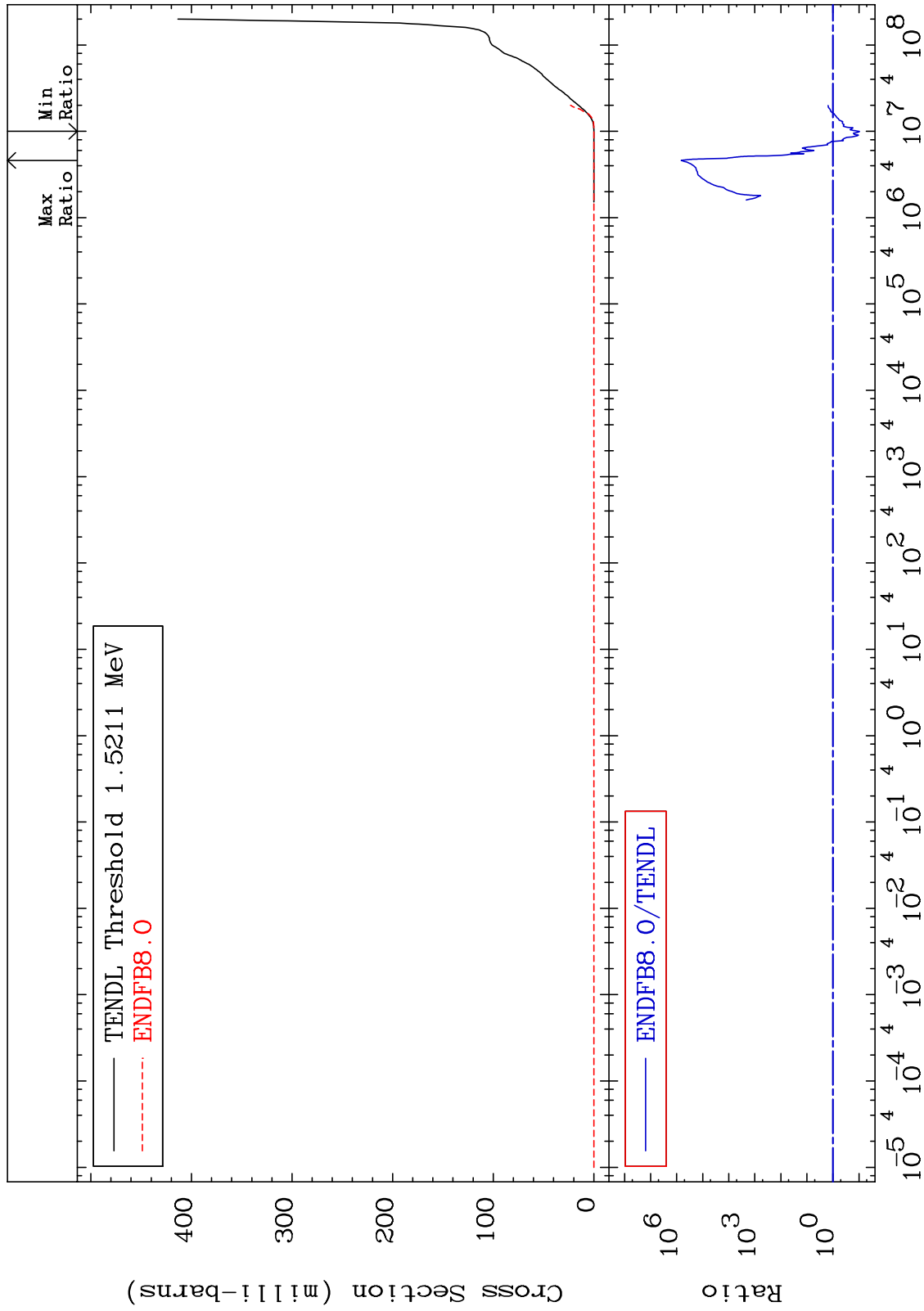




MAT 6146

Deuterium Production  
Cross Section

61-Pm-146  
-90.68 To 9999. %



40

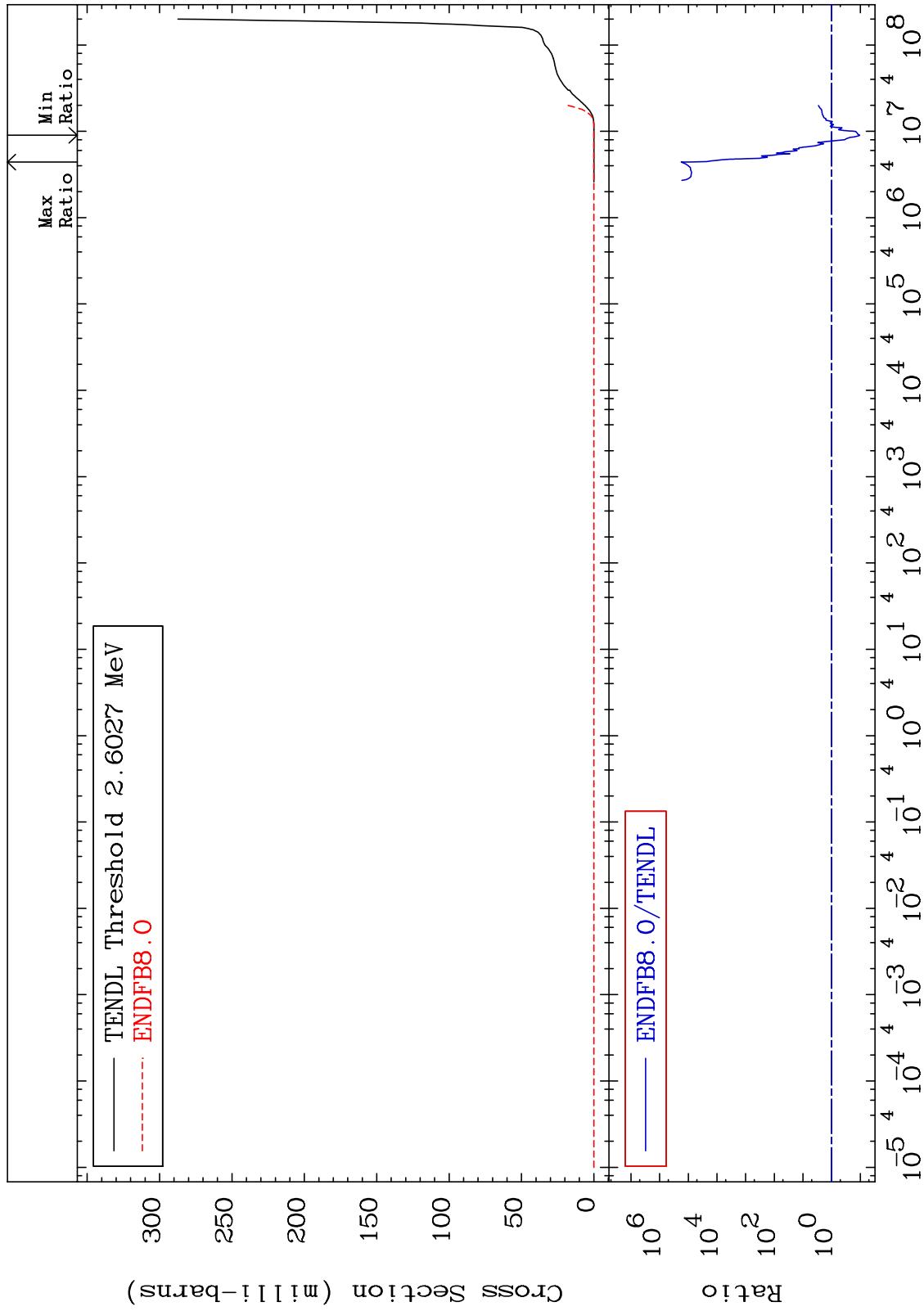
Incident Energy (eV)

61-Pm-146

MAT 6146

Tritium Production  
Cross Section

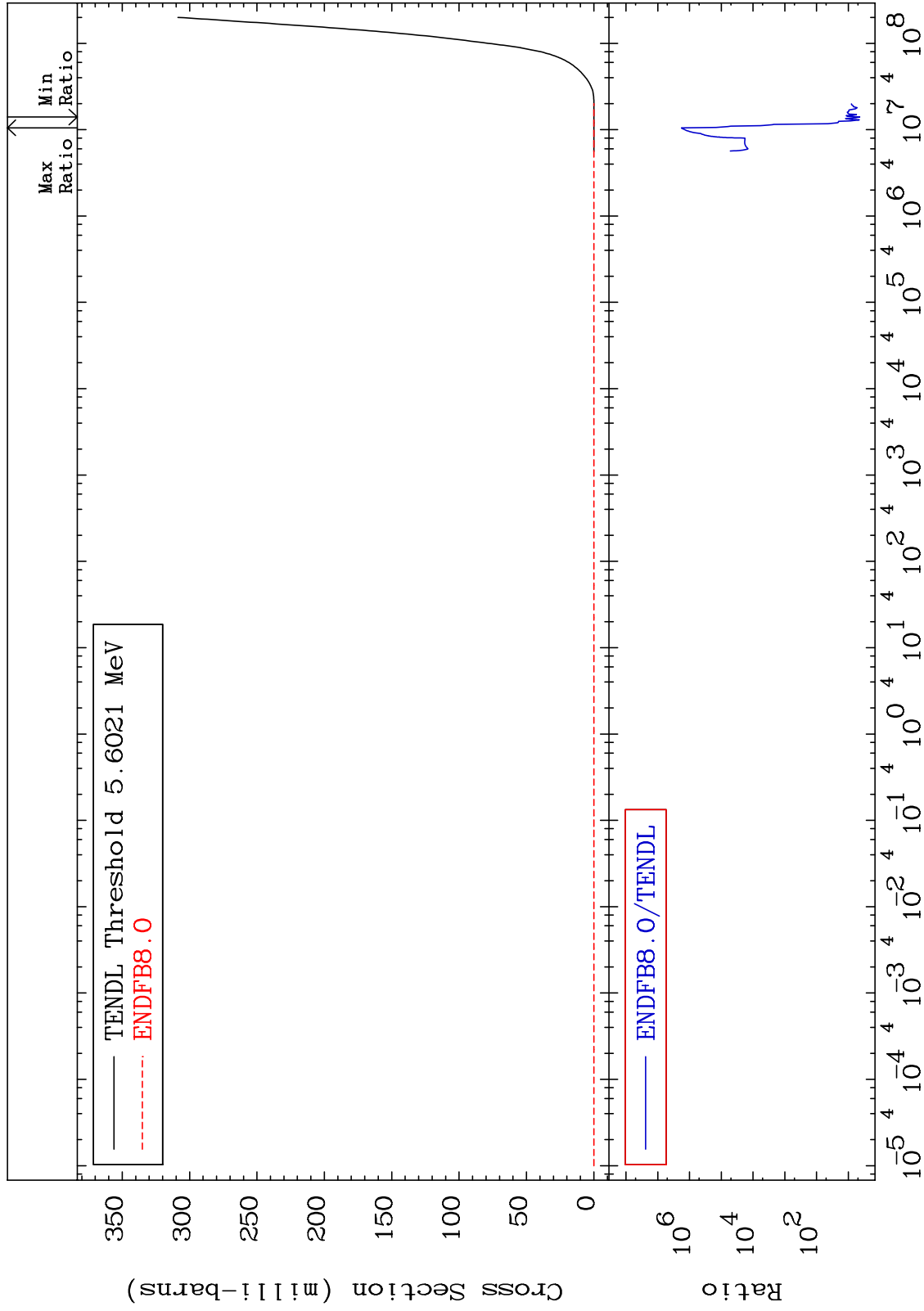
61-Pm-146  
-89.54 To 9999. %



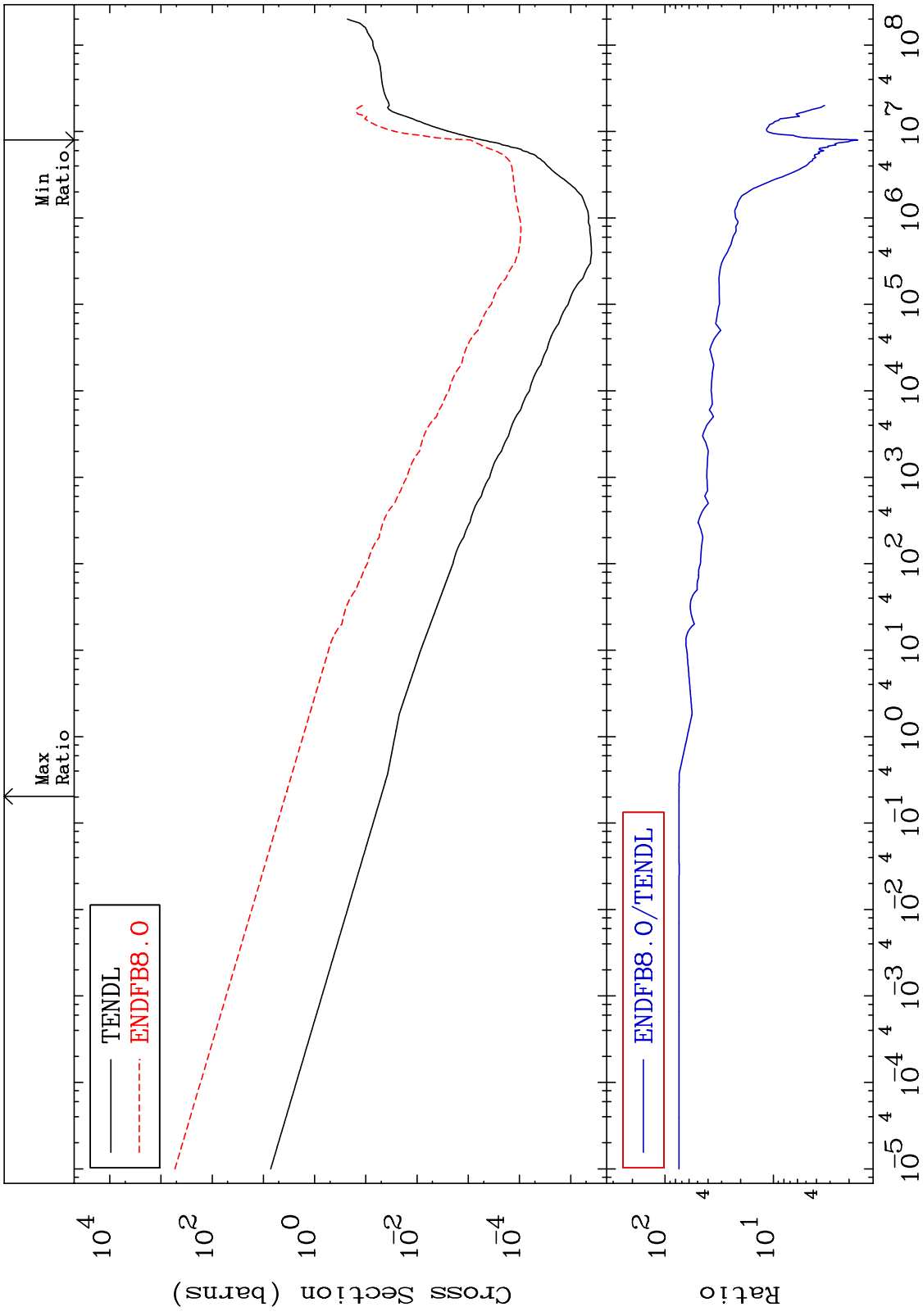
MAT 6146

He-3 Production  
Cross Section

61-Pm-146  
336.3 To 9999. %

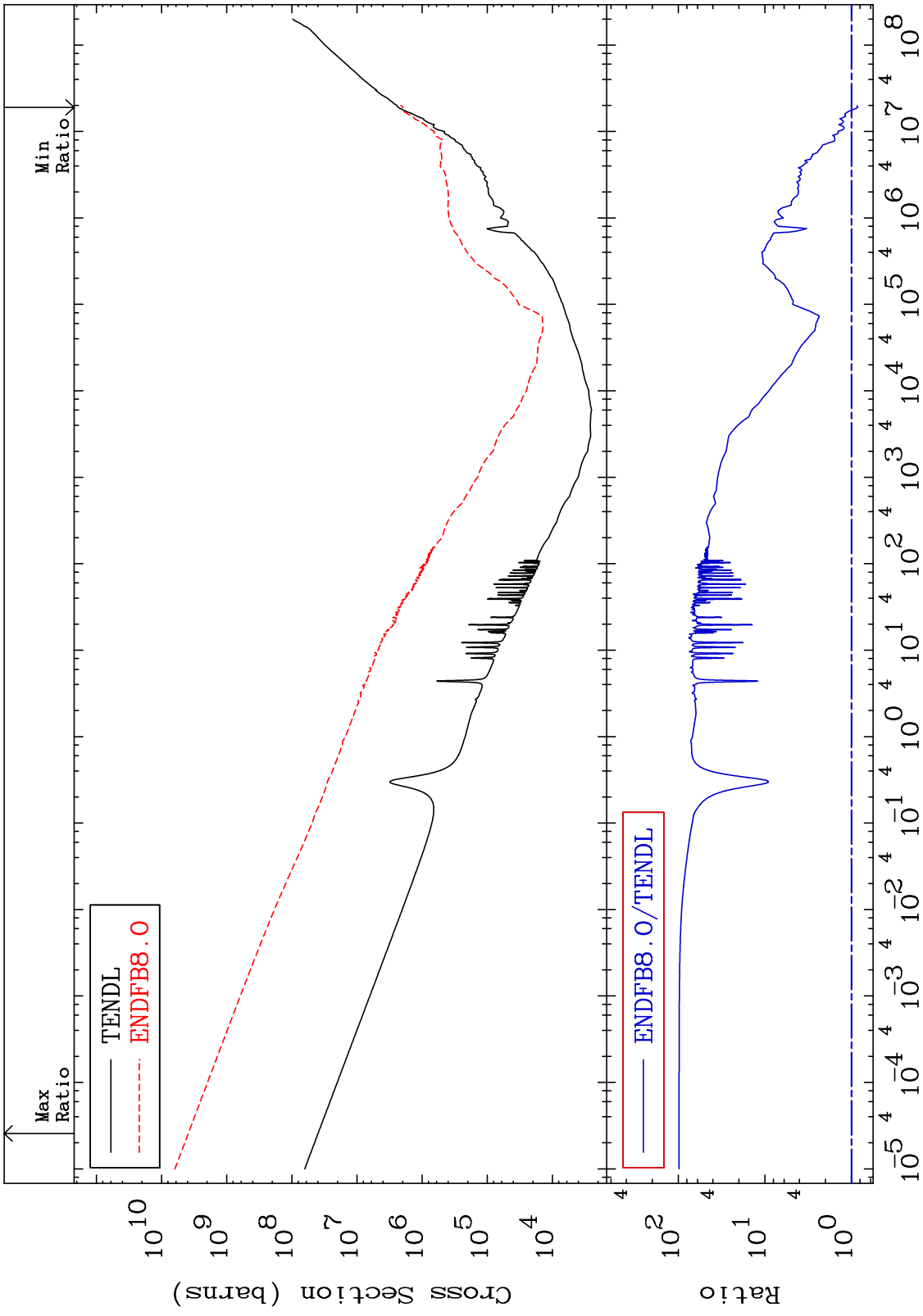


MAT 6146 He-4 Production Cross Section 61-Pm-146 To 7314. %  
 66.11 Min Ratio



43 61-Pm-146

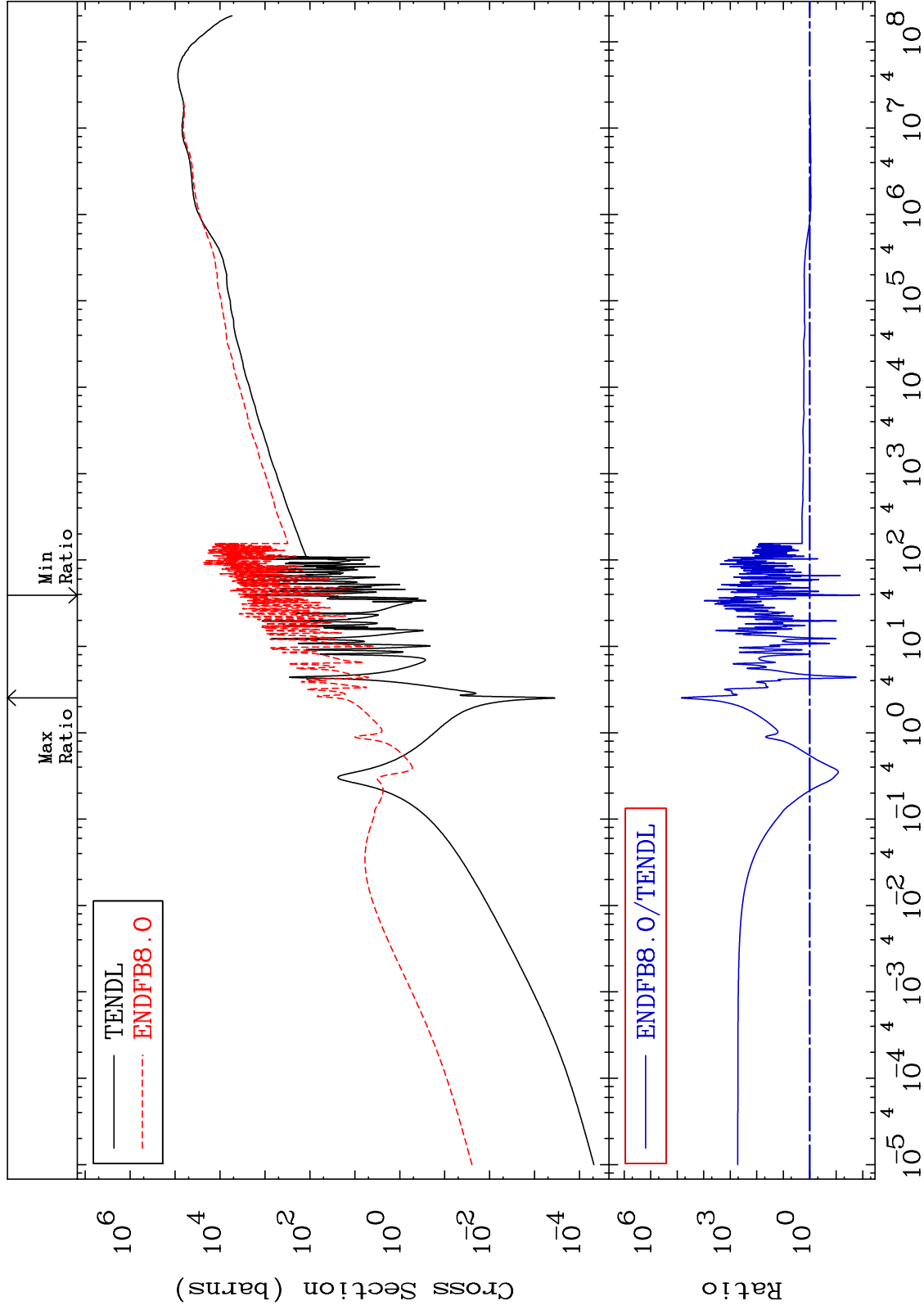
MAT 6146      Kerma total (eV-barns)      61-Pm-146  
 Cross Section      -15.42 To 9717. %



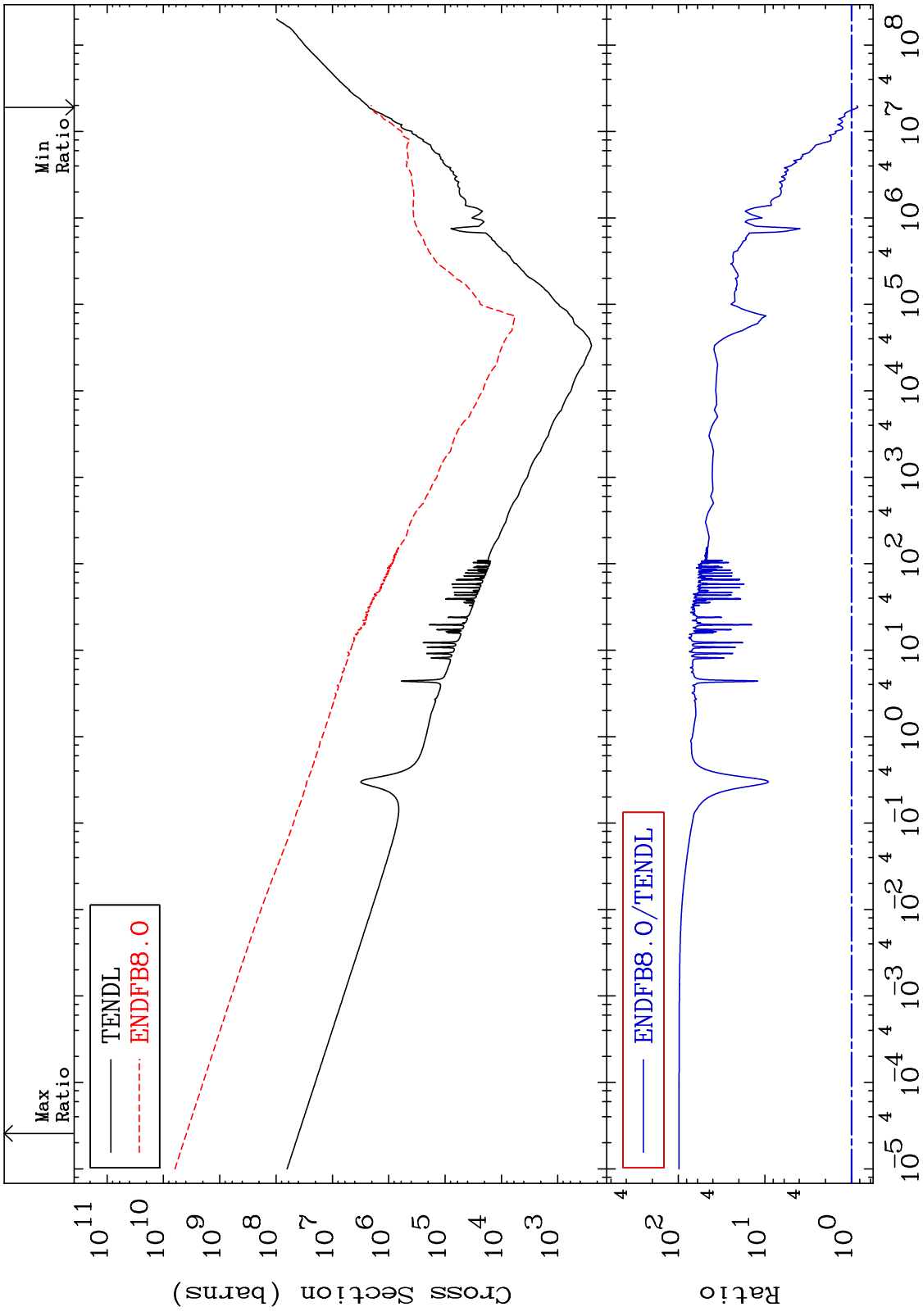
MAT 6146

Kerma elastic  
Cross Section

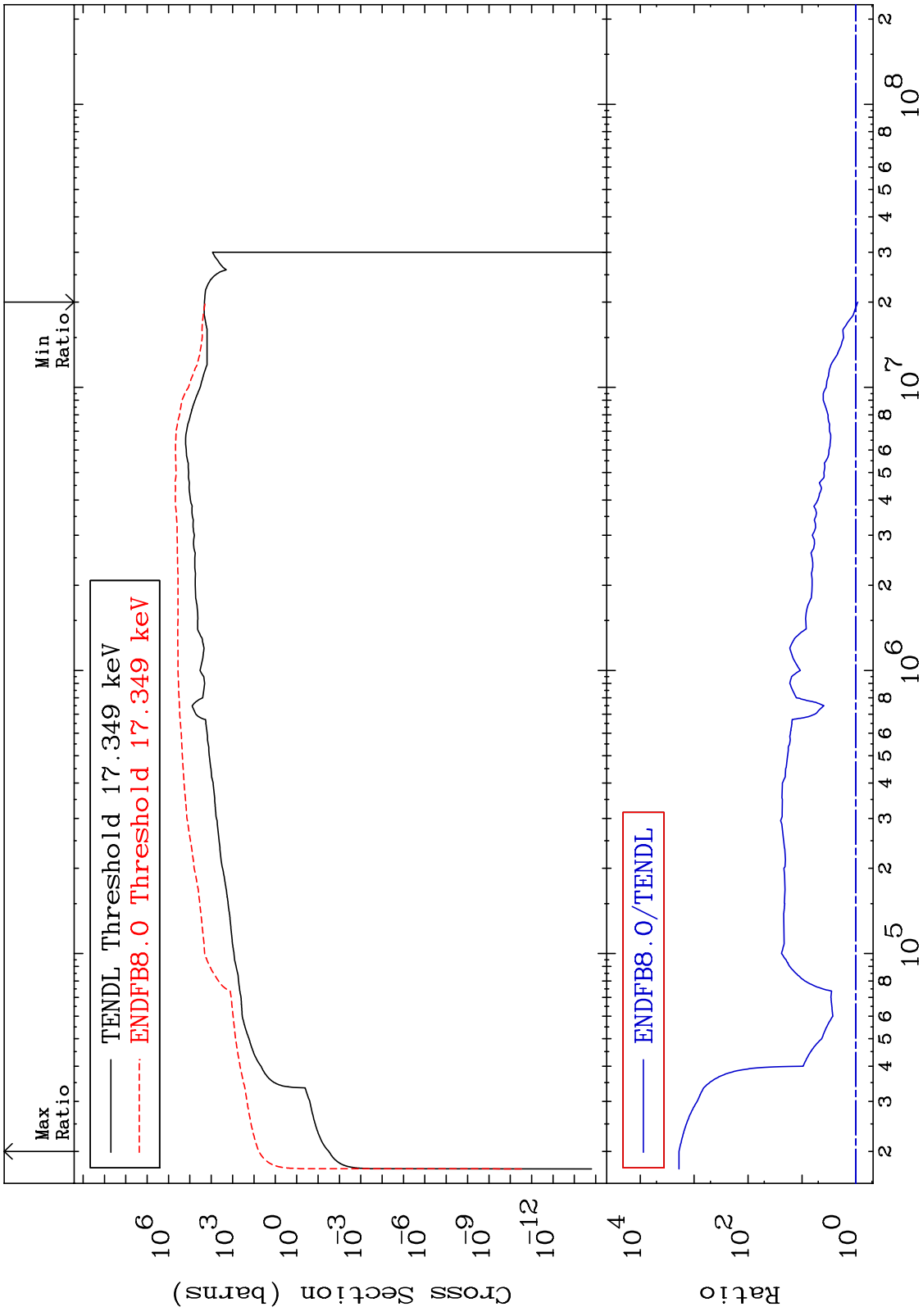
61-Pm-146  
-98.70 To 9999. %



MAT 6146      Kerma non-elastic (all but mt2)      61-Pm-146  
 Cross Section      -15.79 To 9717. %



MAT 6146 Kerma inelastic (mt51-91) 61-Pm-146  
 Cross Section -8.102 To 9999. %

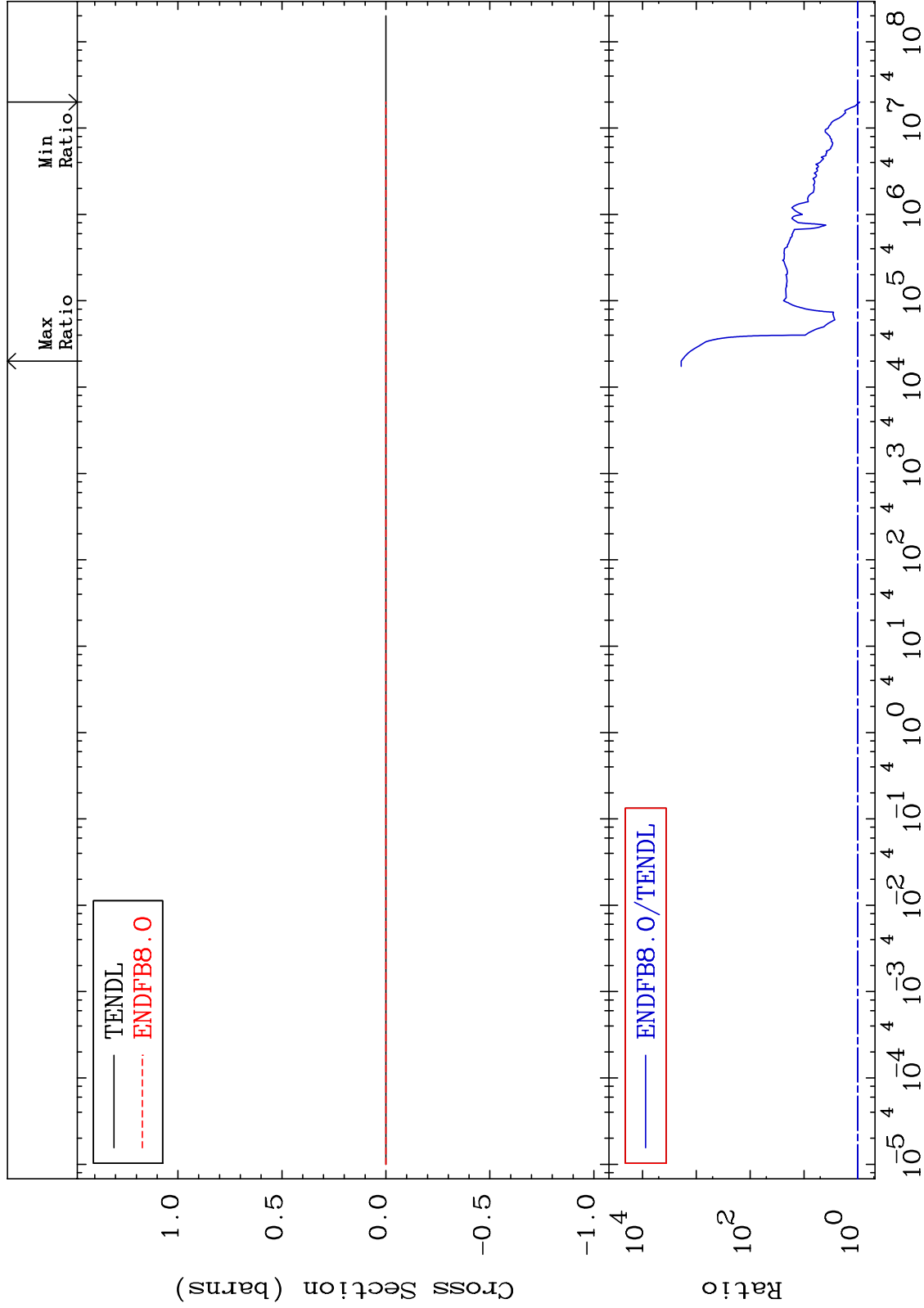




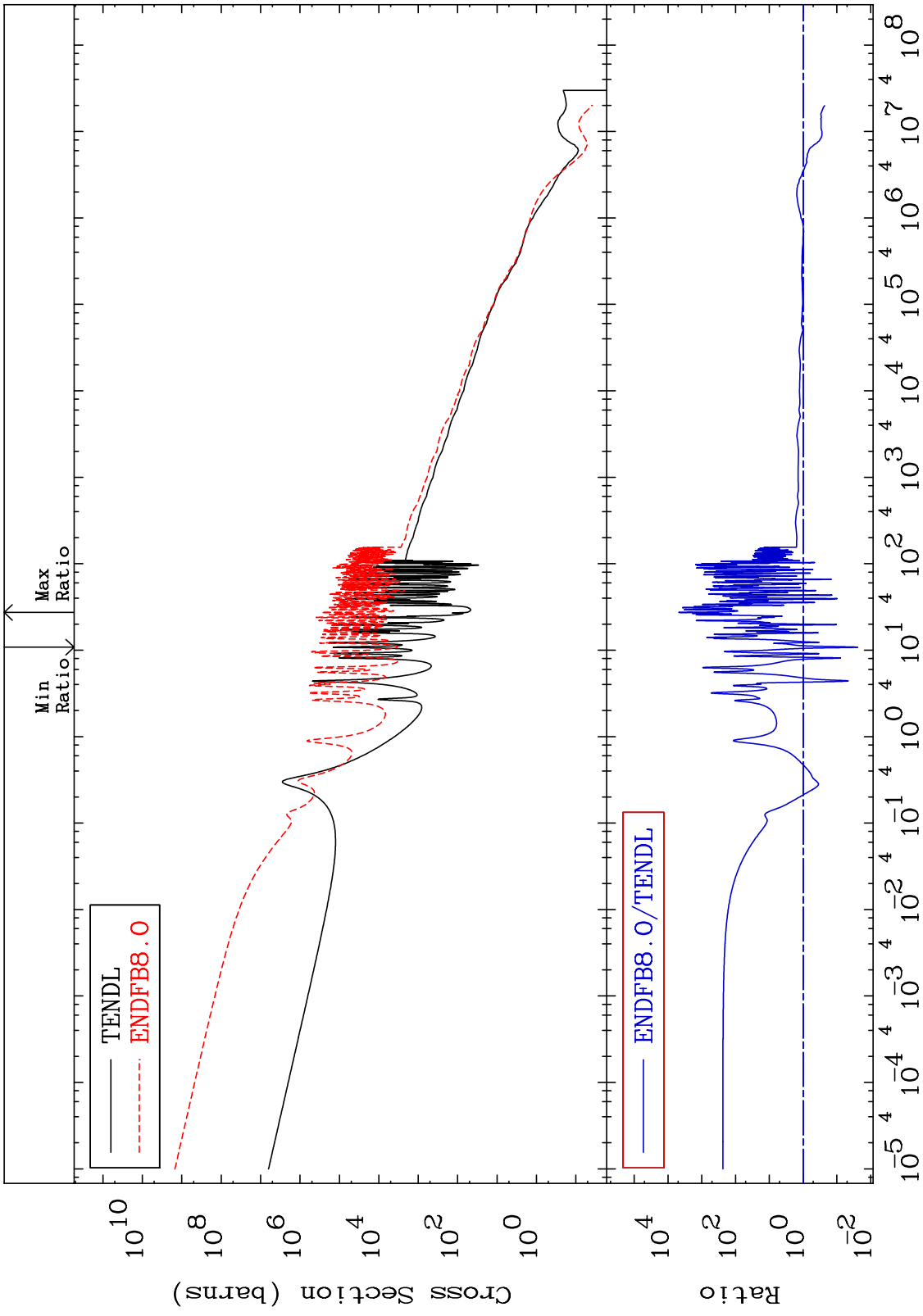
MAT 6146

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

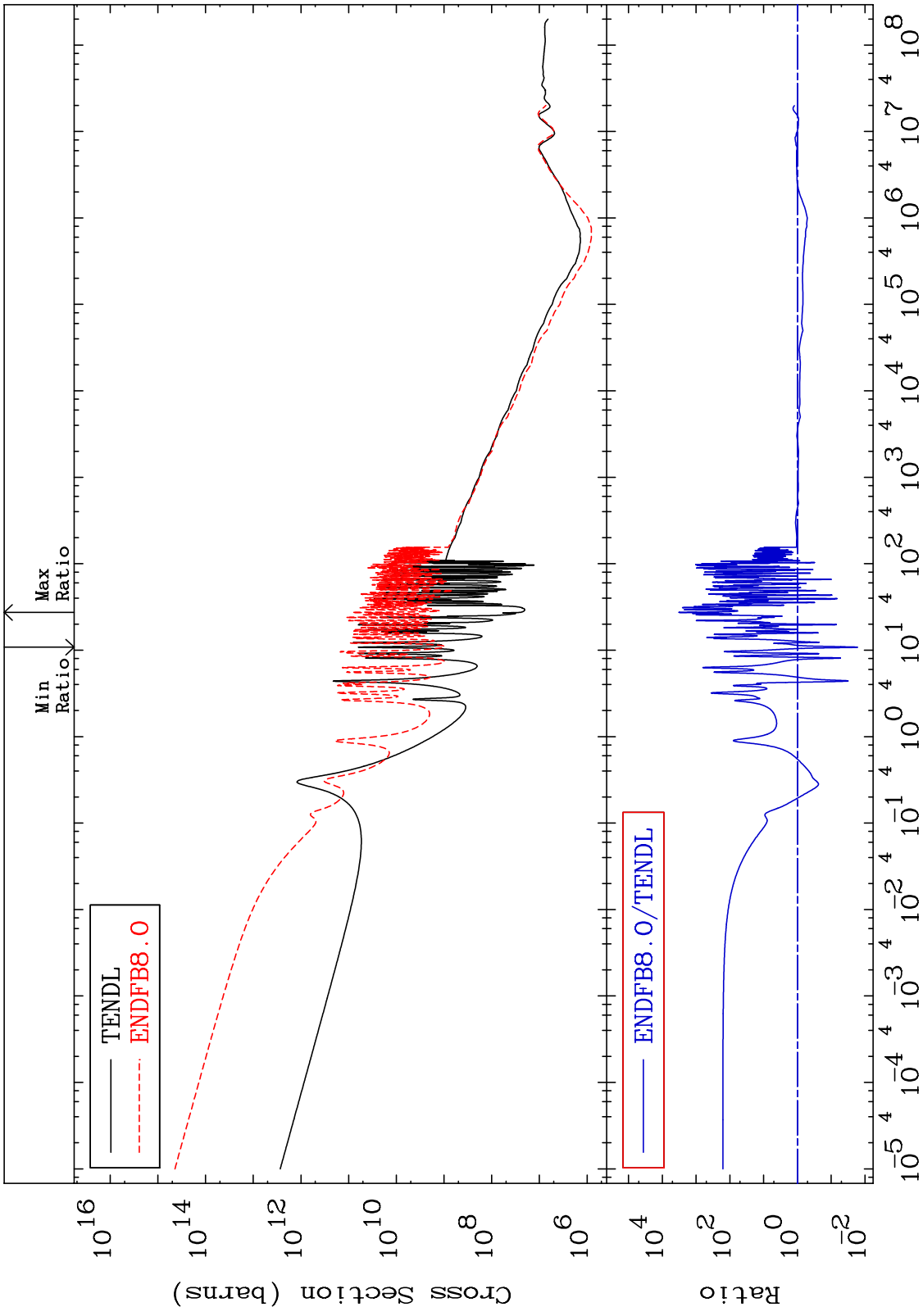
61-Pm-146  
-8.102 To 9999. %



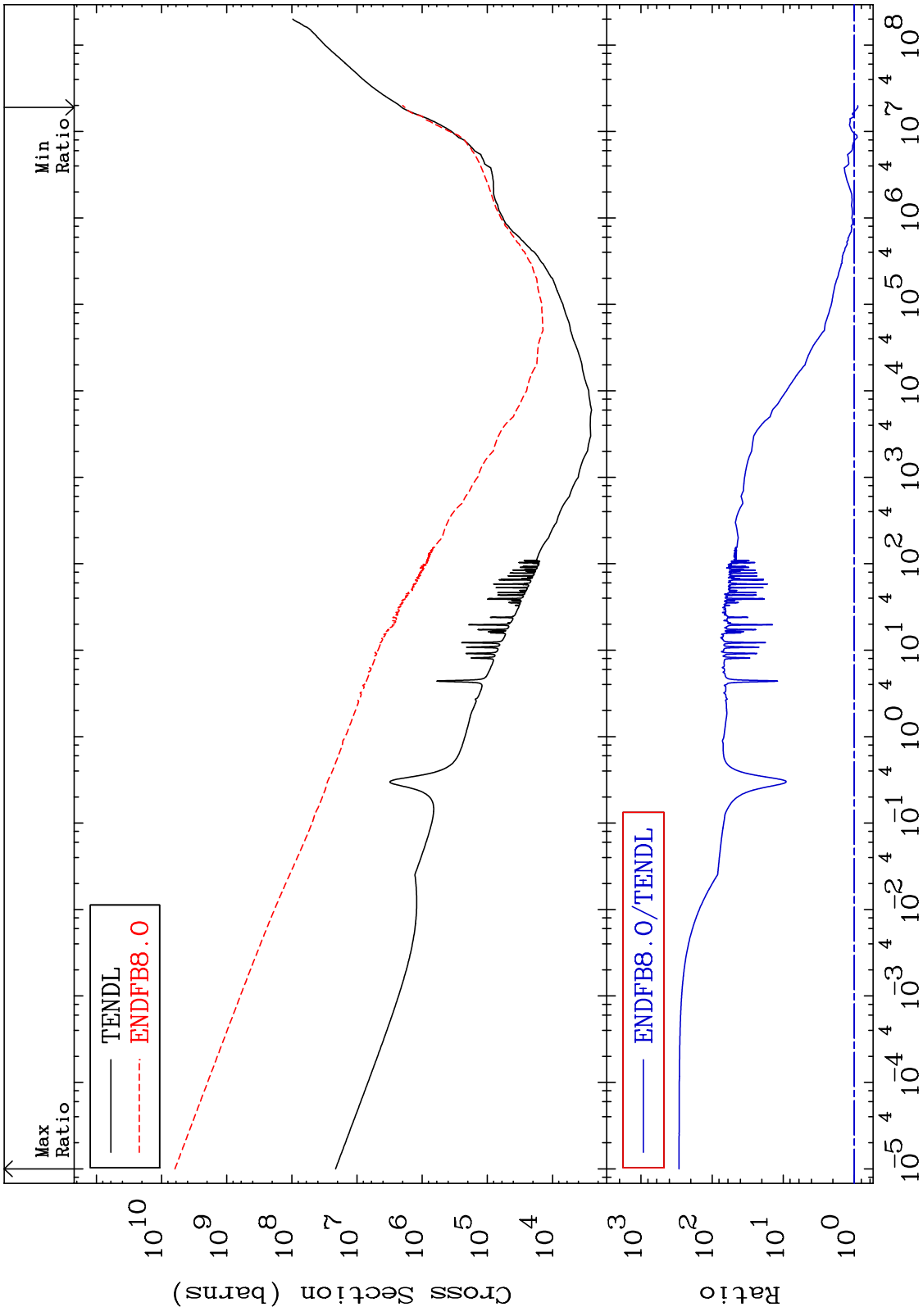
MAT 6146      Kerma capture (mt102)      61-Pm-146  
 -97.61 To 9999. %  
 Cross Section



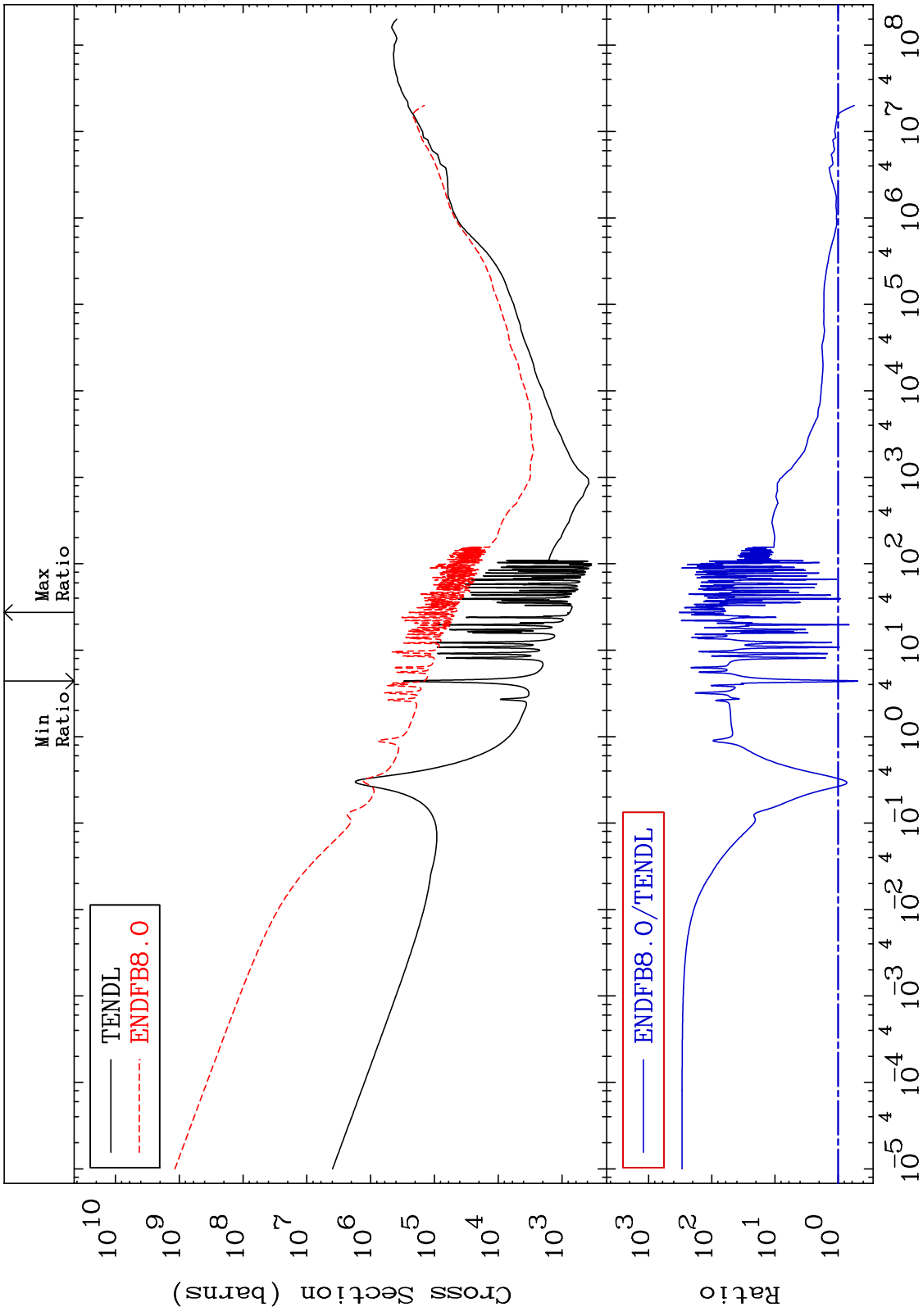
MAT 6146 61-Pm-146  
-98.37 To 9999. %  
 Total photon (eV-barns)  
 Cross Section



MAT 6146 Total kinematic kerma (high limit) 61-Pm-146  
 Cross Section -10.67 To 9999. %

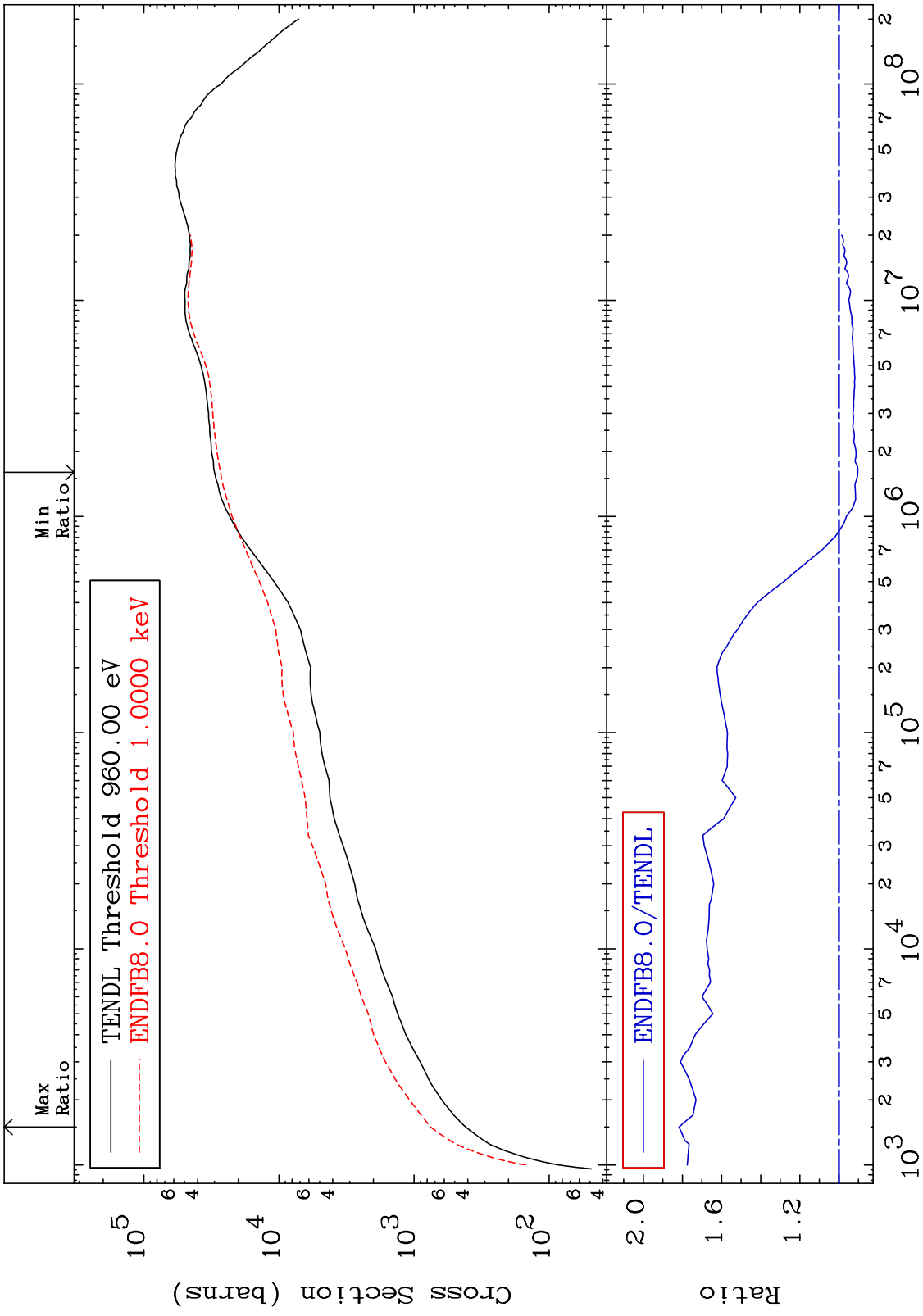


MAT 6146 61-Pm-146  
 Dpa total (eV-barns) -51.30 To 9999. %  
 Cross Section

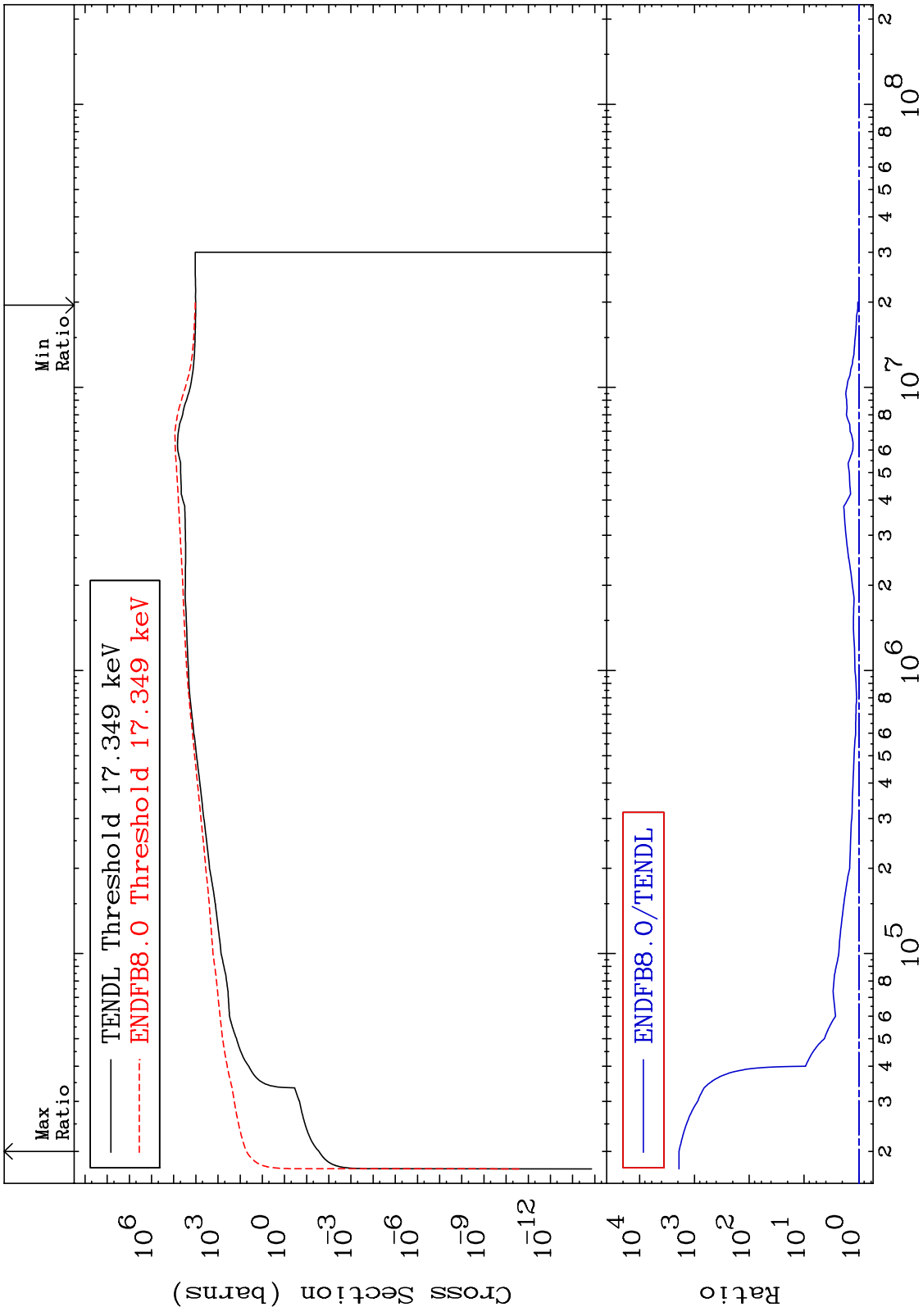


52 61-Pm-146

MAT 6146 61-Pm-146  
 Dpa elastic (mt2) -9.681 To 81.70 %  
 Cross Section



MAT 6146      Dpa inelastic (mt51-91)      61-Pm-146  
 Cross Section      4.456 To 9999. %



MAT 6146      Dpa disappearance (mt102 -120)      61-Pm-146  
 Cross Section      -61.90 To 9999. %

