

Program Complot  
(Version 2018-1)

by

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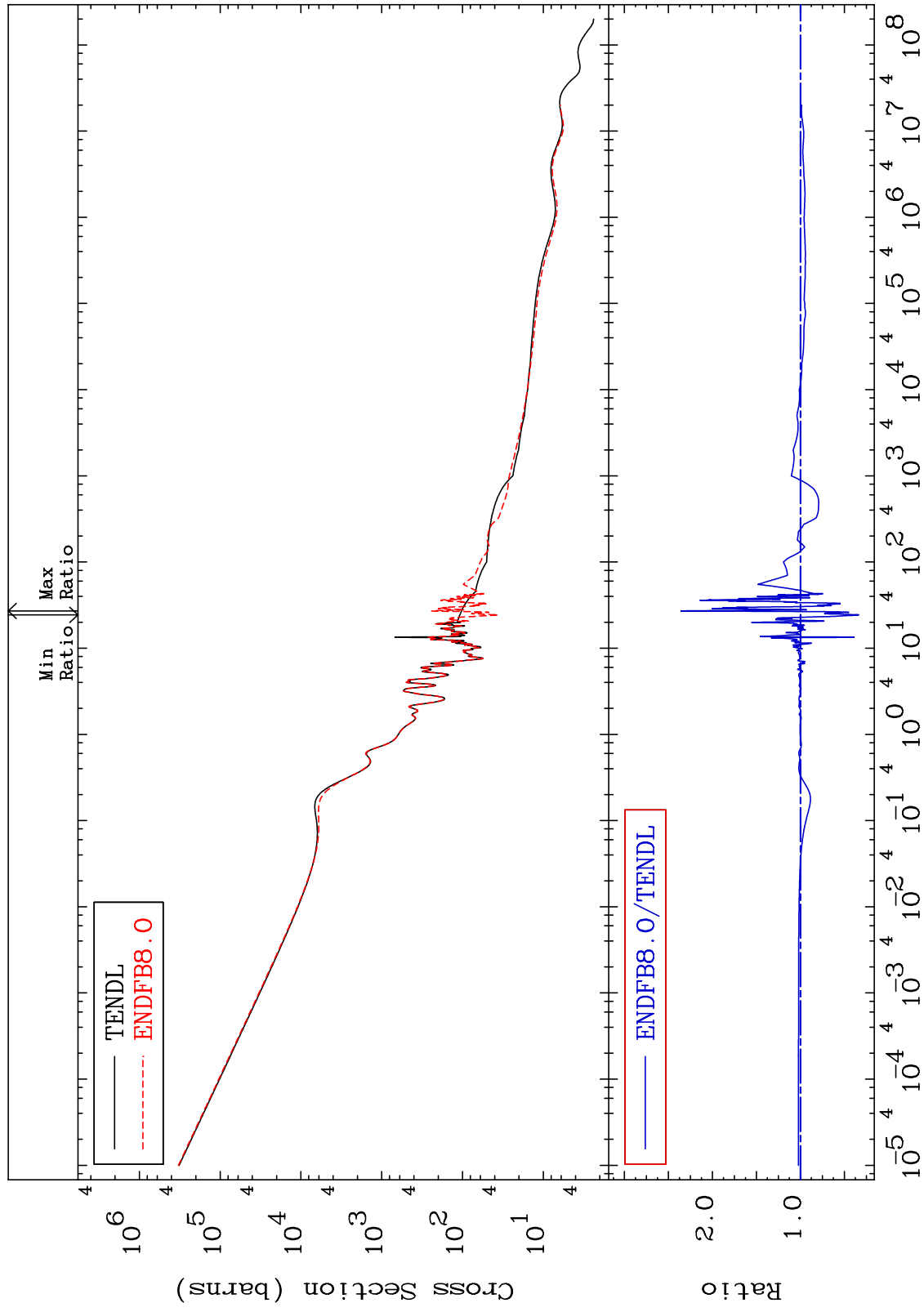
U.S.A.

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

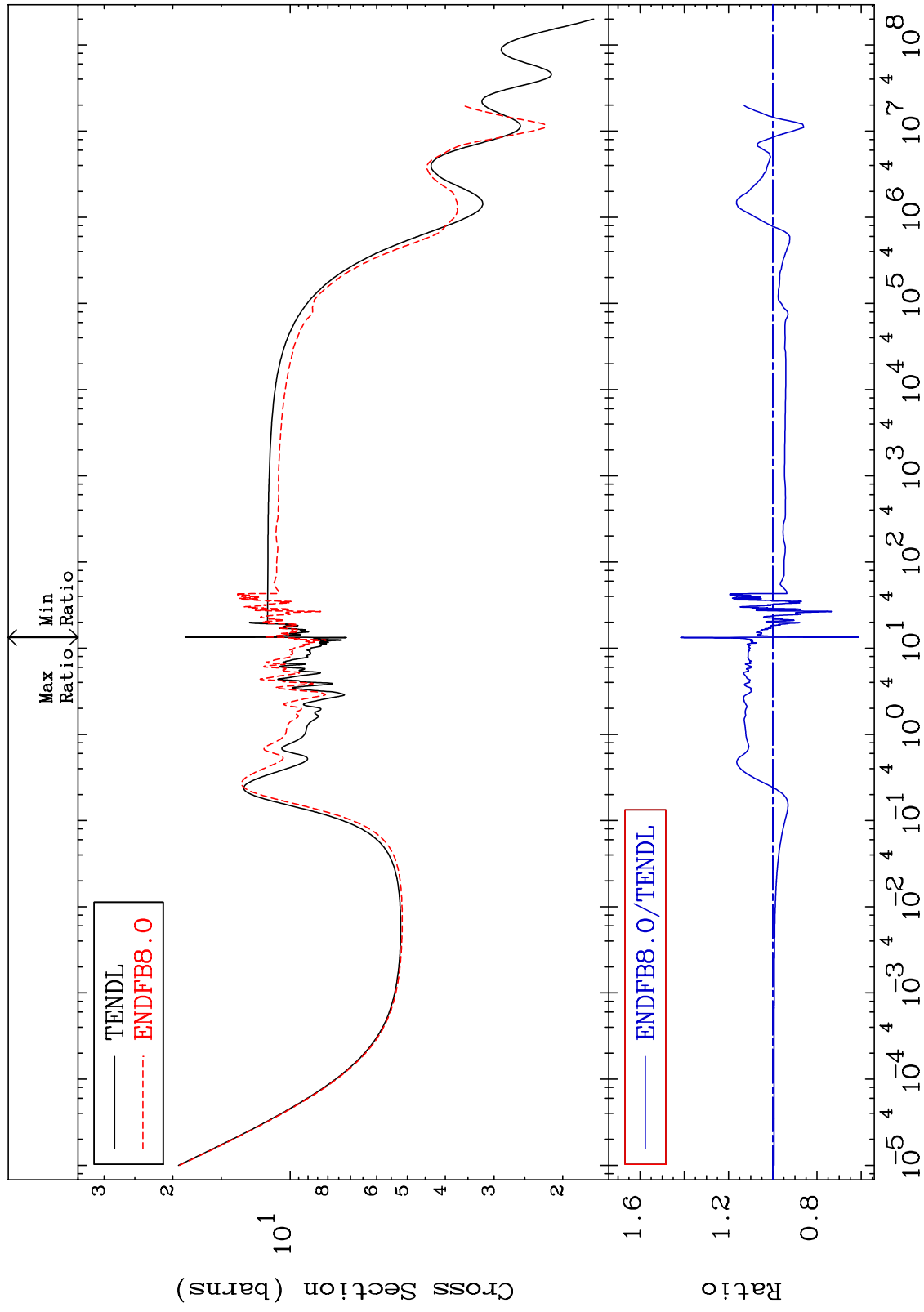
Press Mouse Button to Start

MAT 9547 95-Am-242 -66.73 To 135.9 % Total Cross Section



95-Am-242

MAT 9547 Elastic Cross Section 95-Am-242 -38.99 To 41.56 %

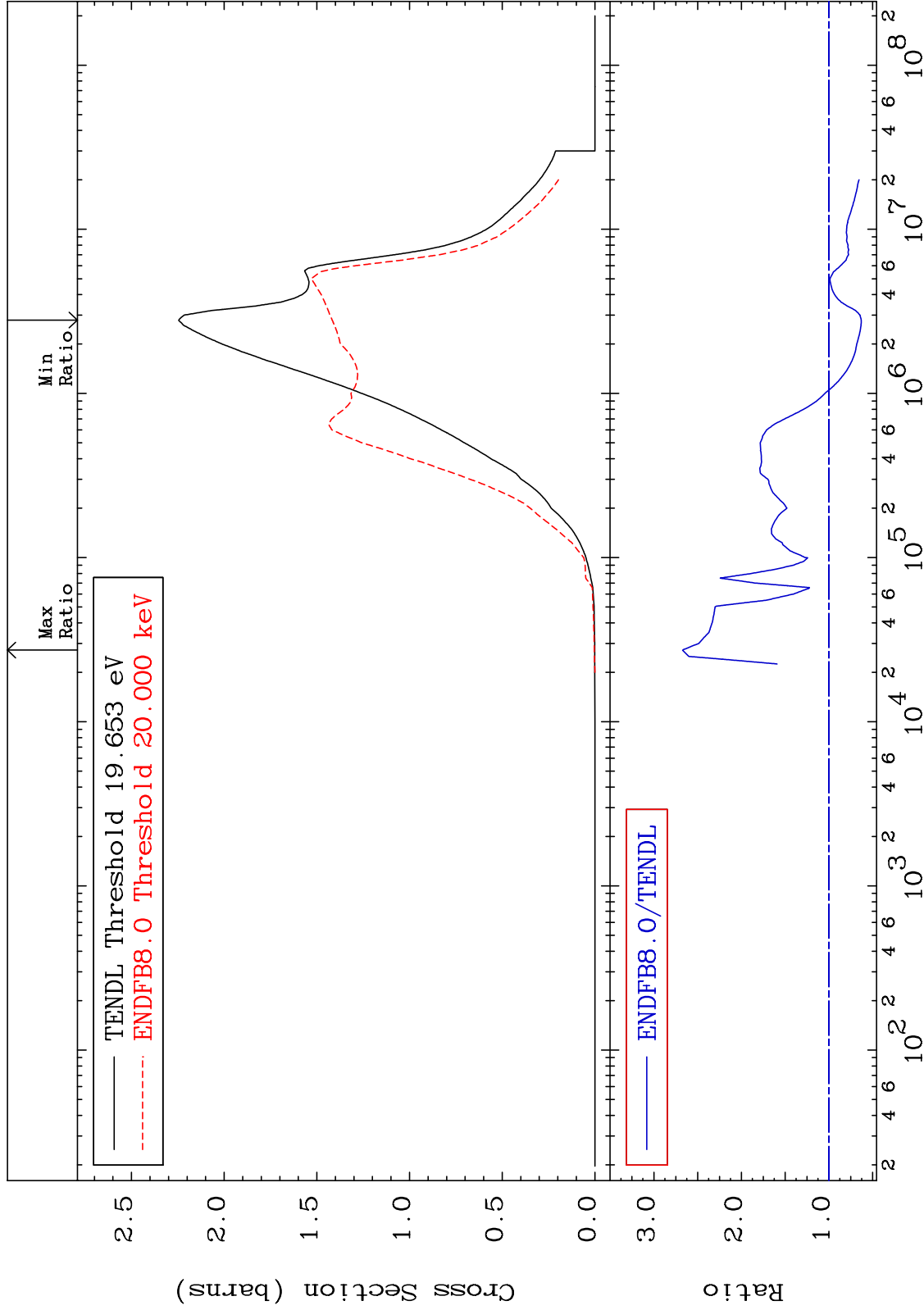


2 Incident Energy (eV) 95-Am-242

MAT 9547

Inelastic  
Cross Section

95-Am-242  
-36.95 To 167.3 %

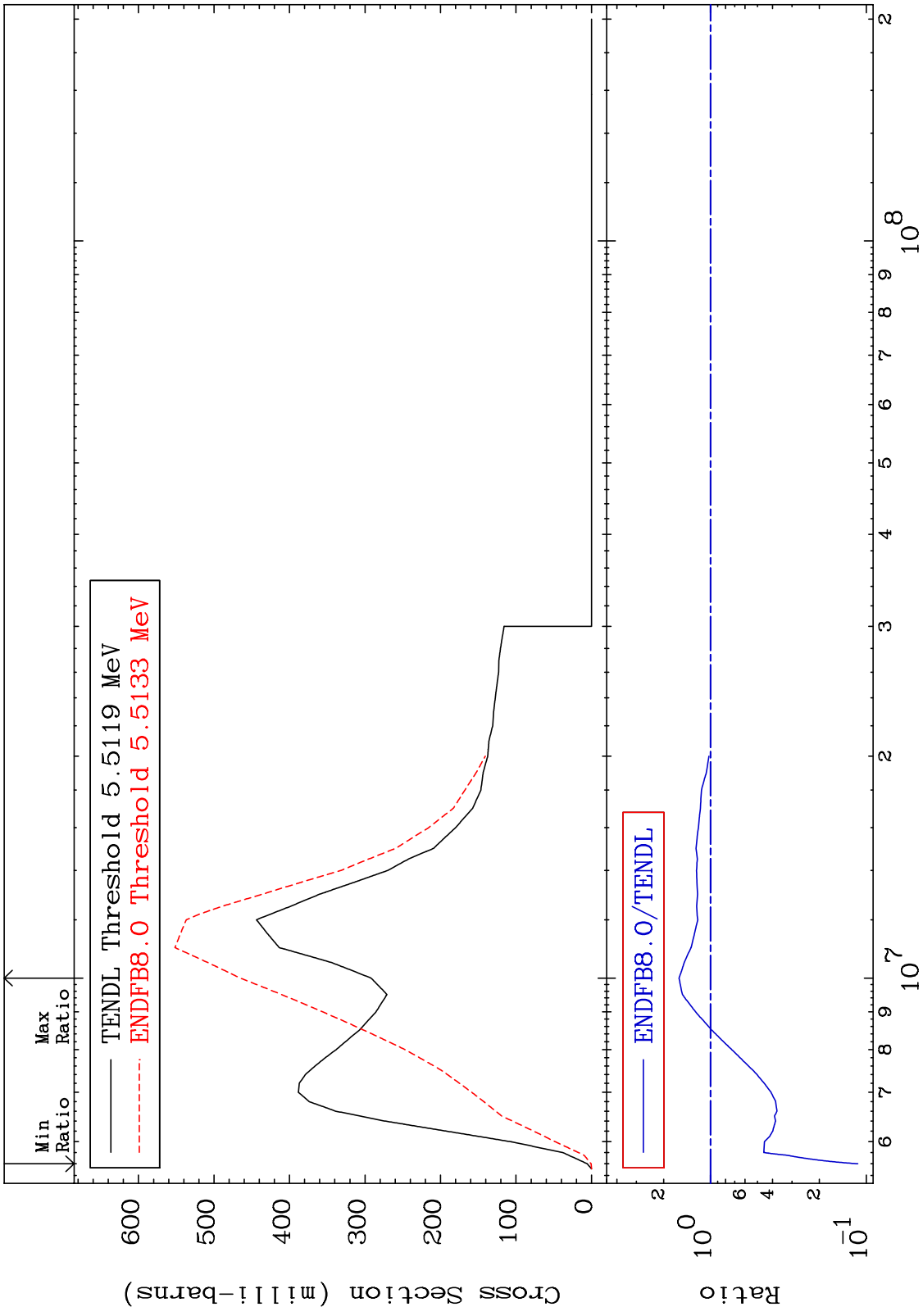


3

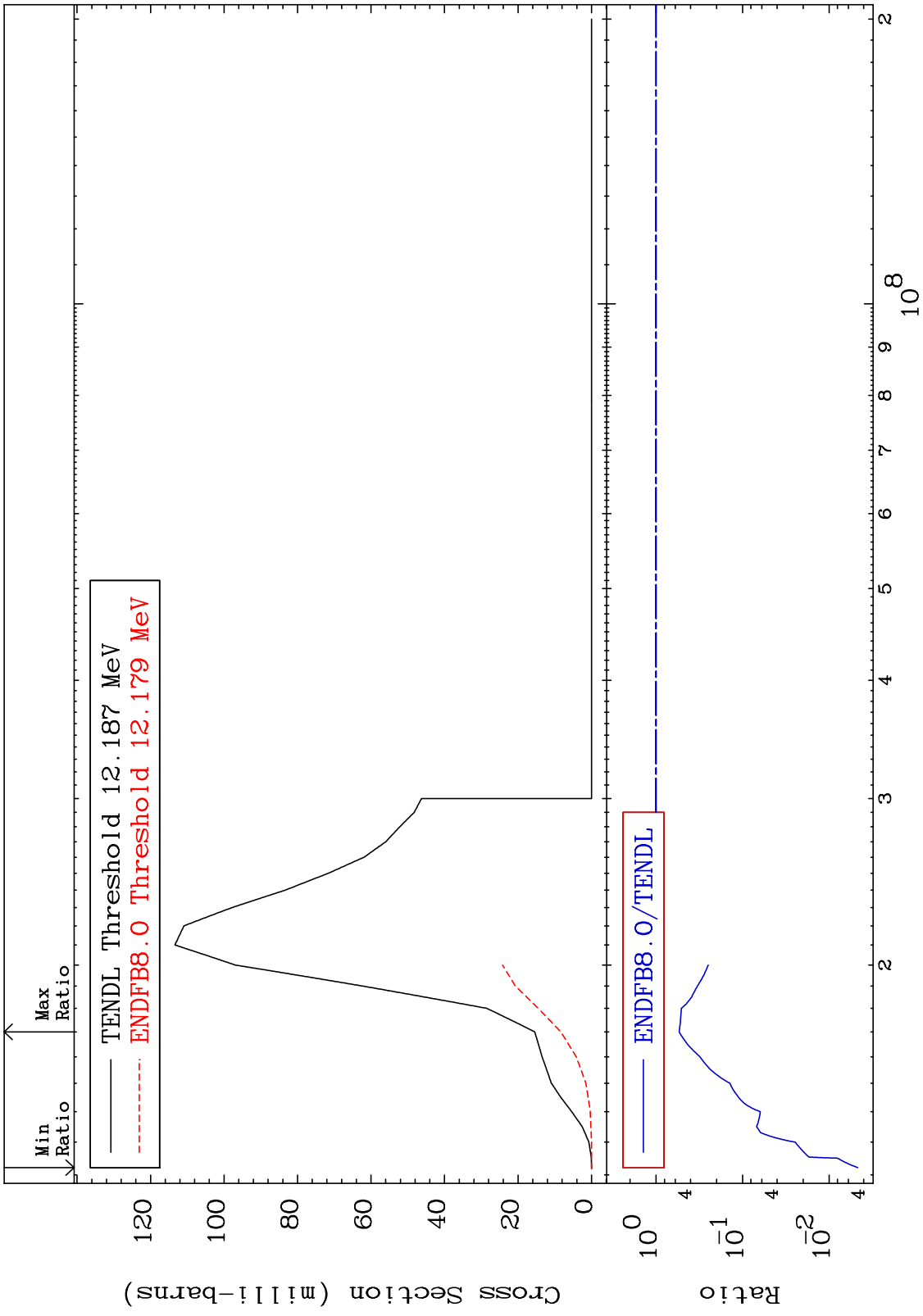
Incident Energy (eV)

95-Am-242

MAT 9547 95-Am-242  
-88.68 To 59.34 %  
(n,2n)  
Cross Section



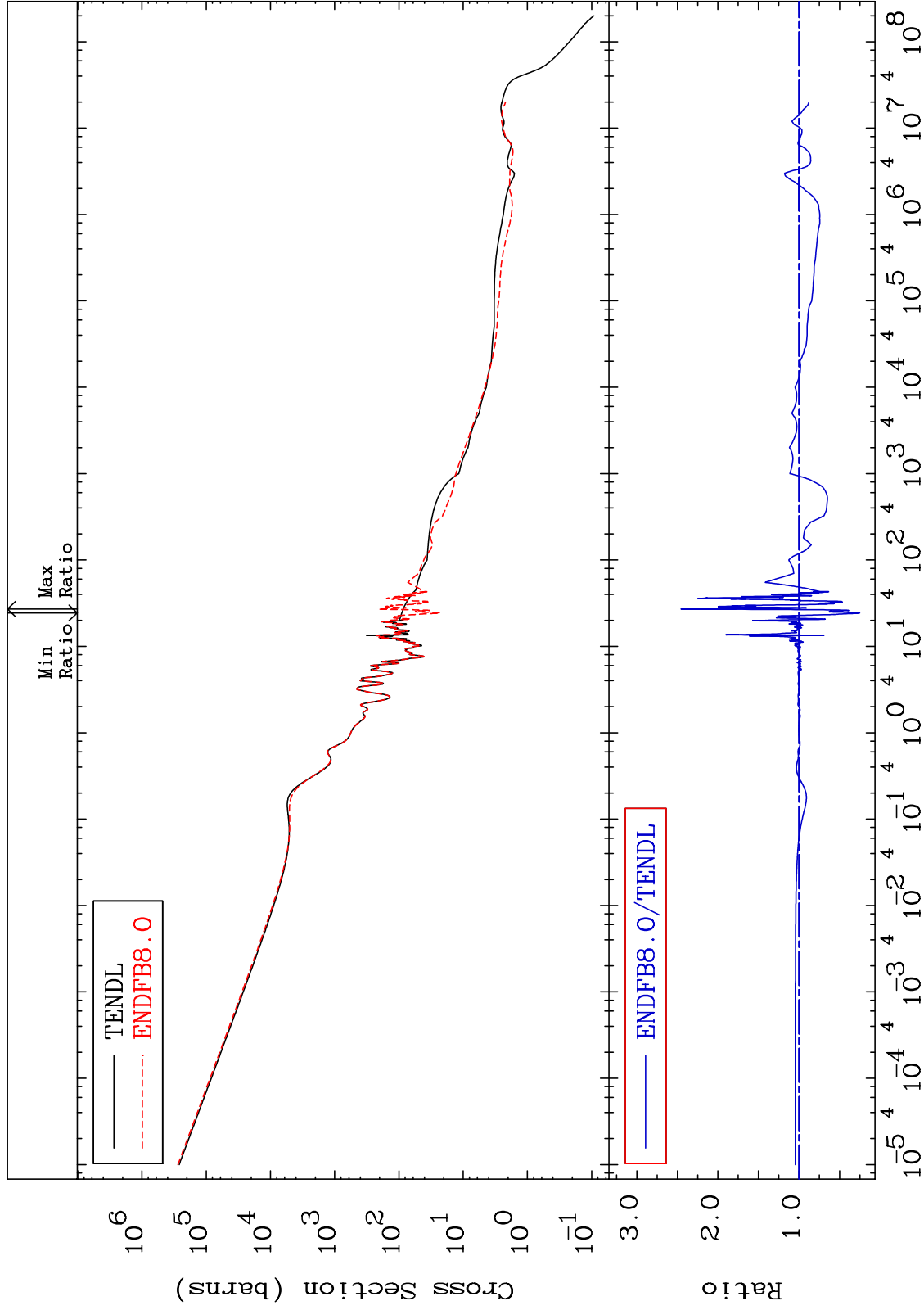
MAT 9547  $(n, 3n)$  Cross Section  $^{95}\text{Am-242}$   $-99.53 \text{ To } -45.75\%$



MAT 9547

Fission  
Cross Section

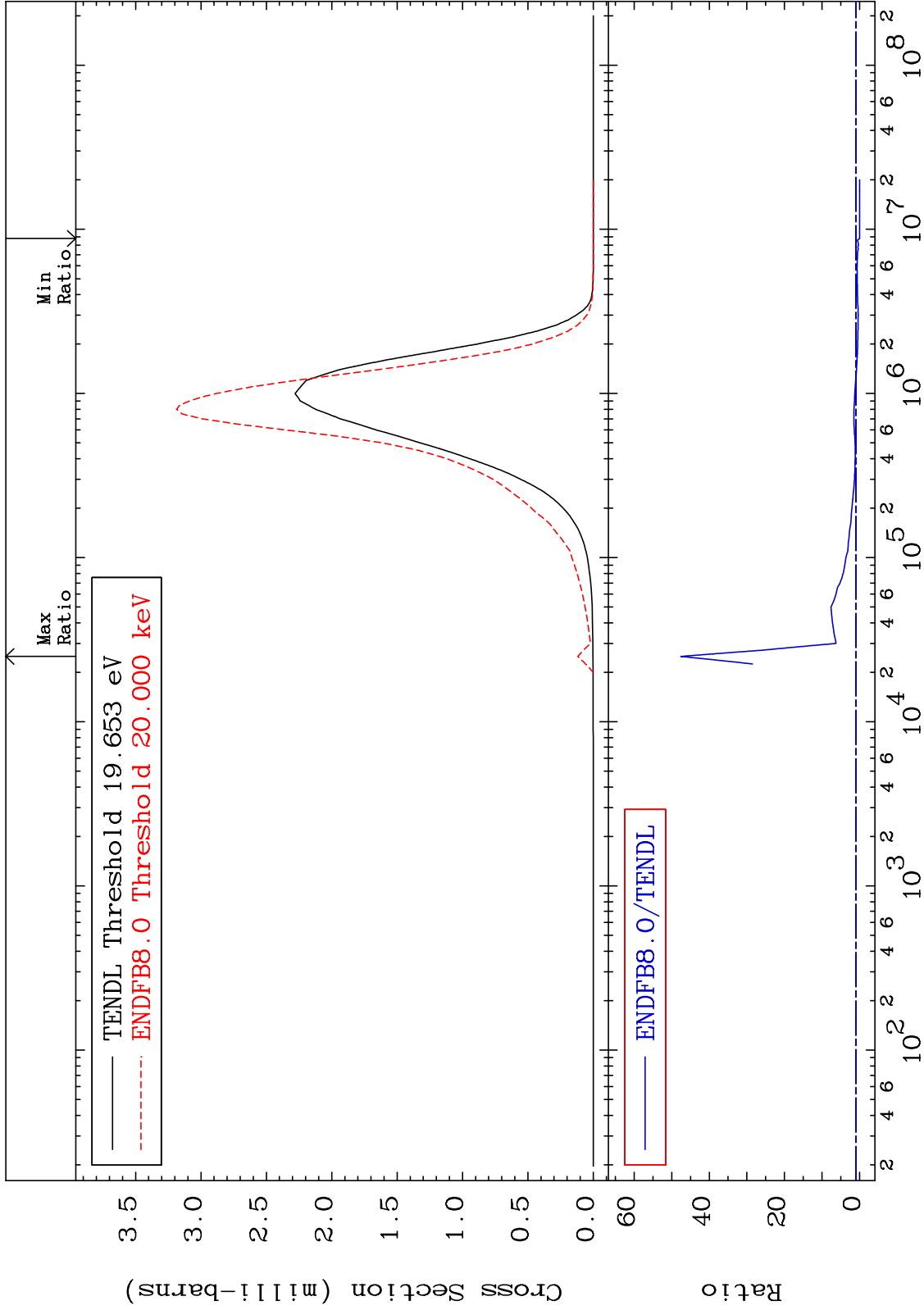
95-Am-242  
-74.92 To 145.3 %



MAT 9547

MT= 51 (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 4657. %



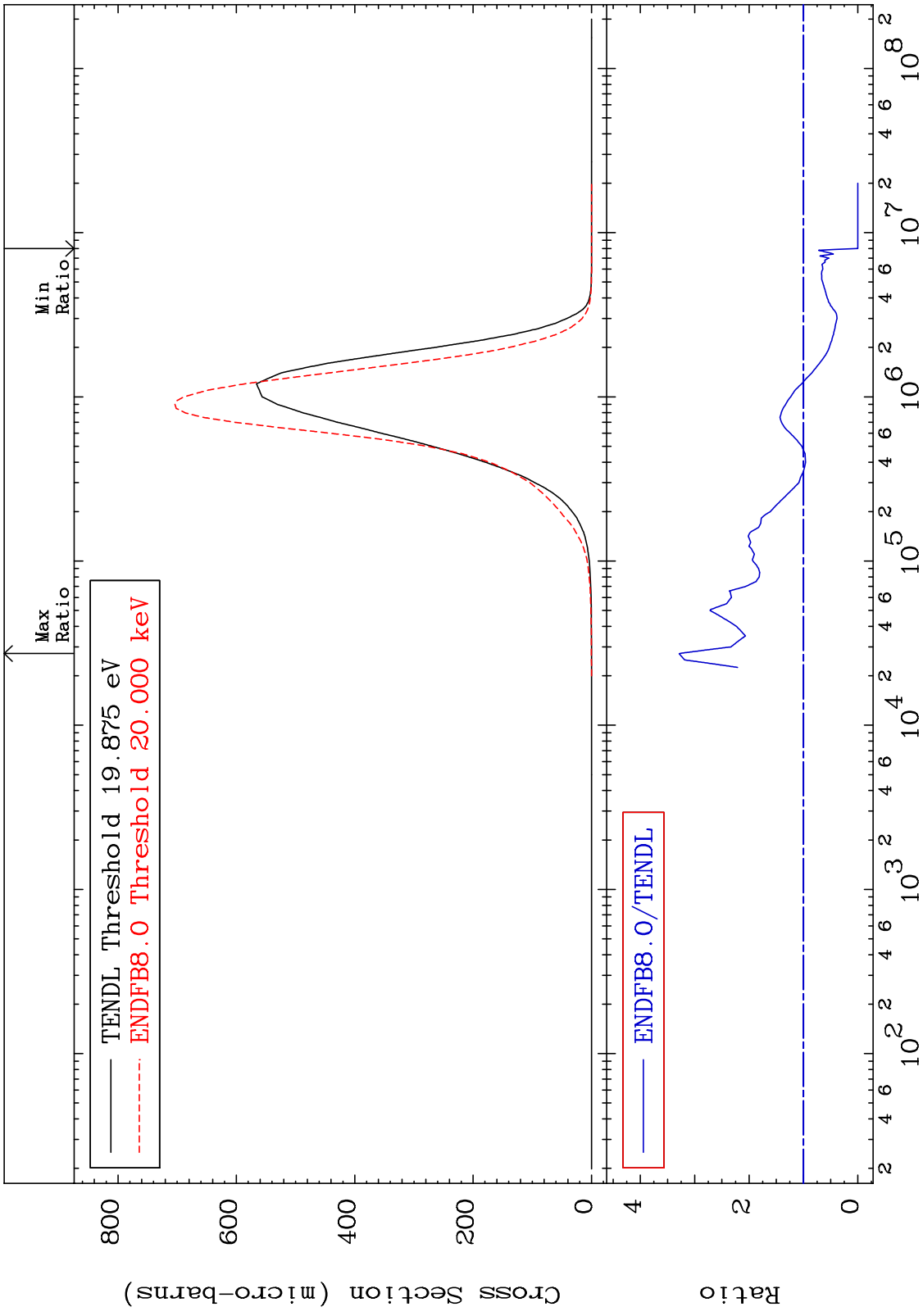
7

Incident Energy (eV)

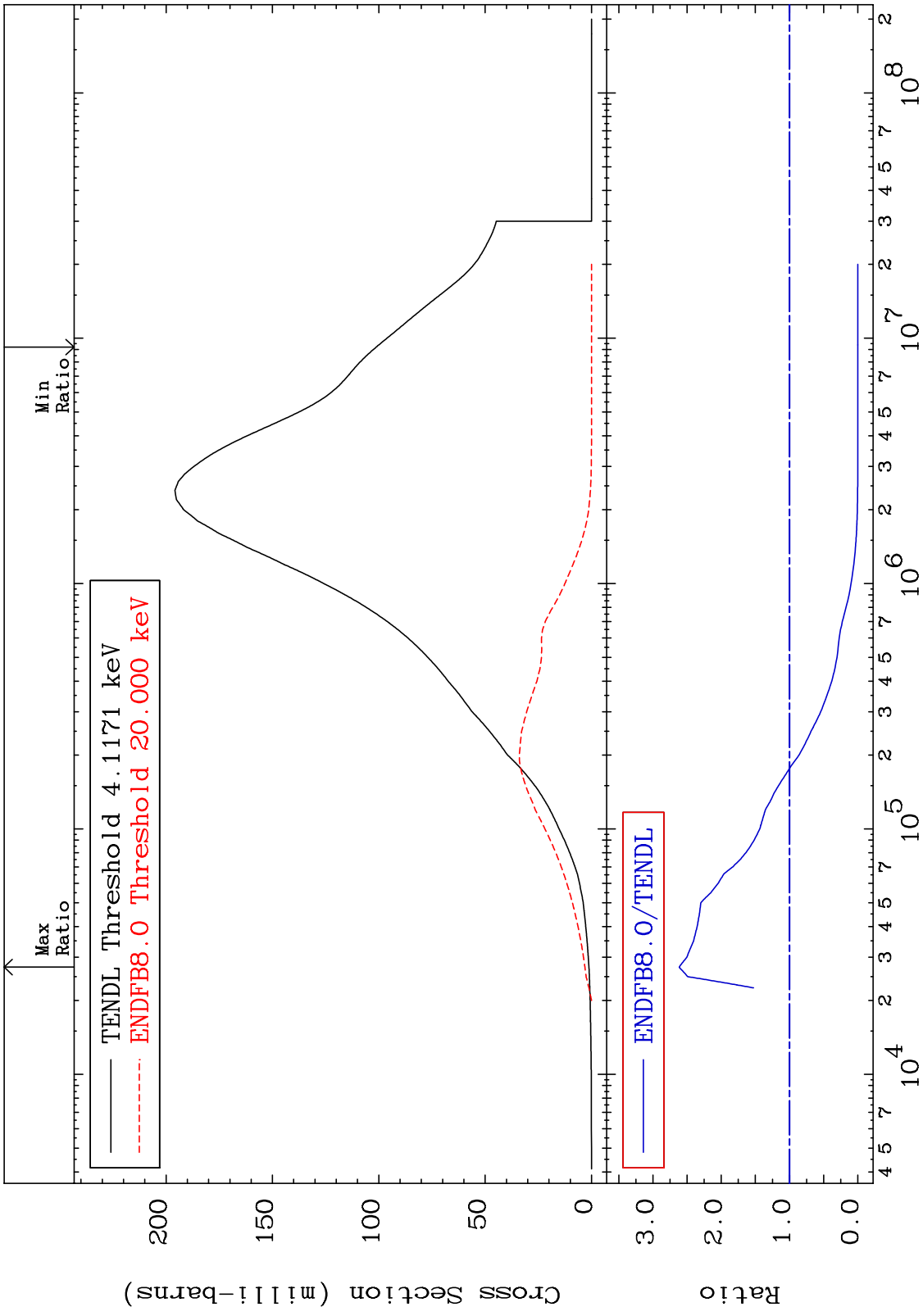
95-Am-242



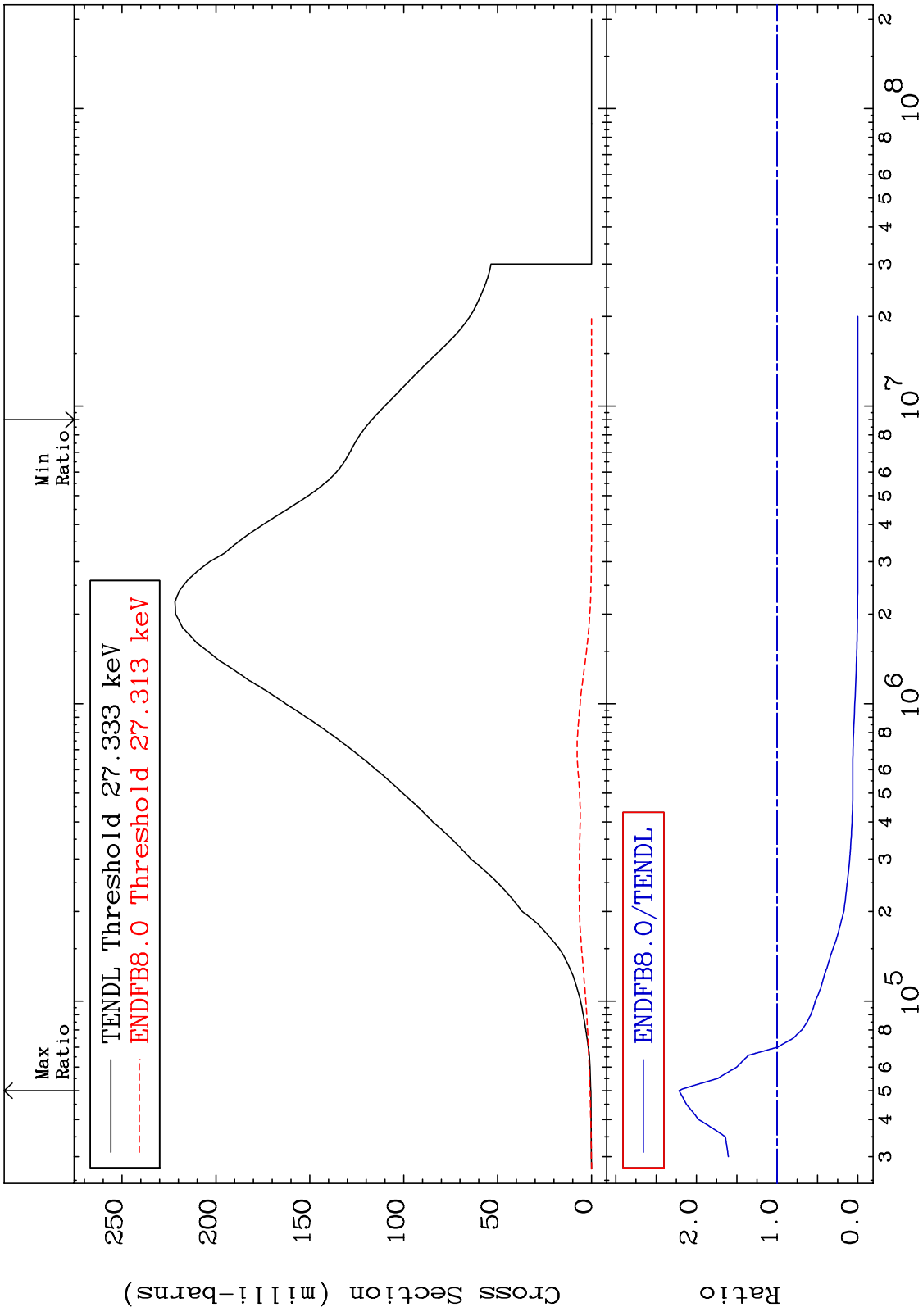
MAT 9547 MT= 52 (n,n') Level Cross Section 95-Am-242 -100.0 To 228.8 %



MAT 9547 MT= 53 (n,n') Level Cross Section 95-Am-242  
 -100.0 To 161.7 %

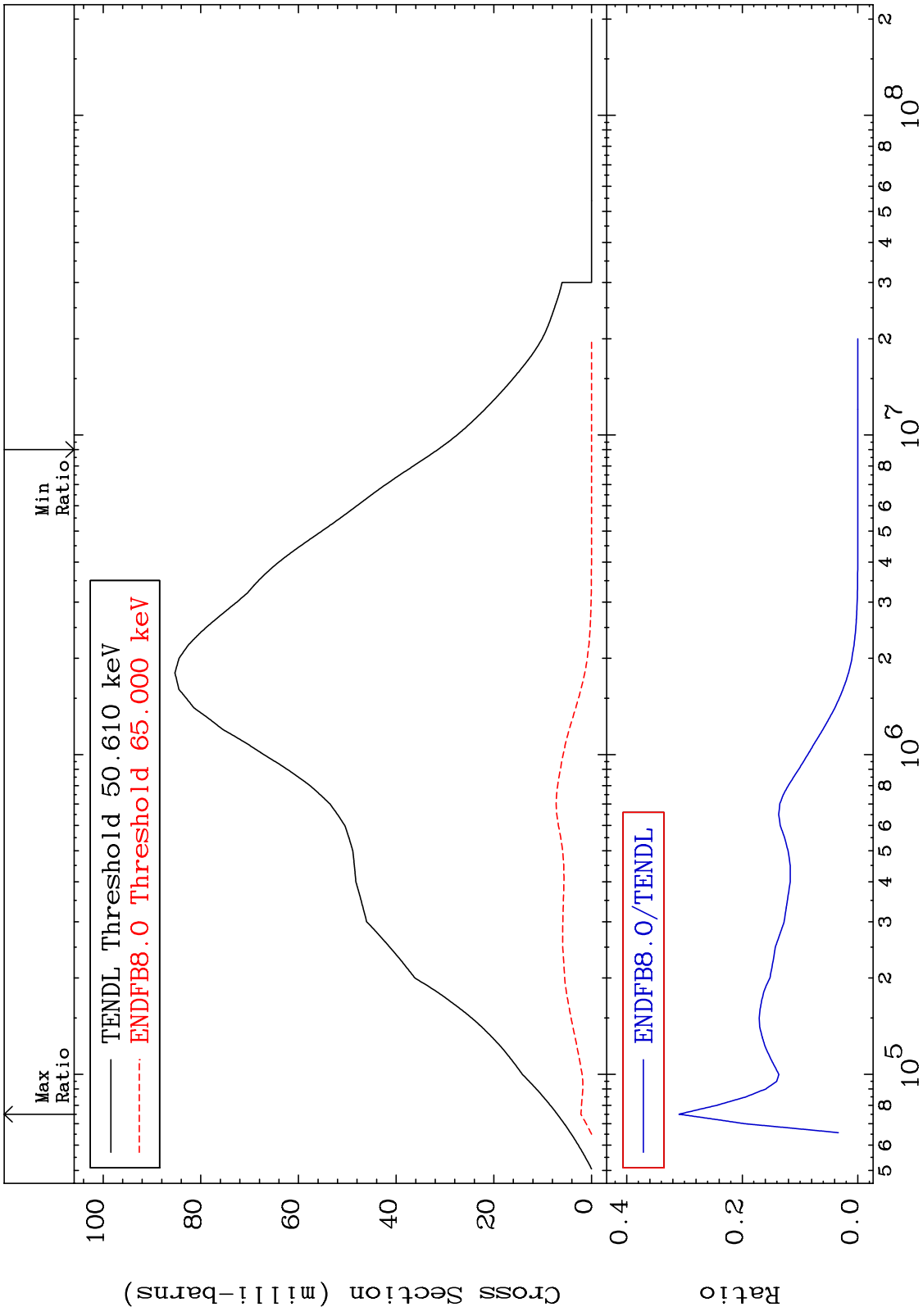


MAT 9547 MT= 54 (n,n') Level Cross Section 95-Am-242  
 -100.0 To 121.6 %

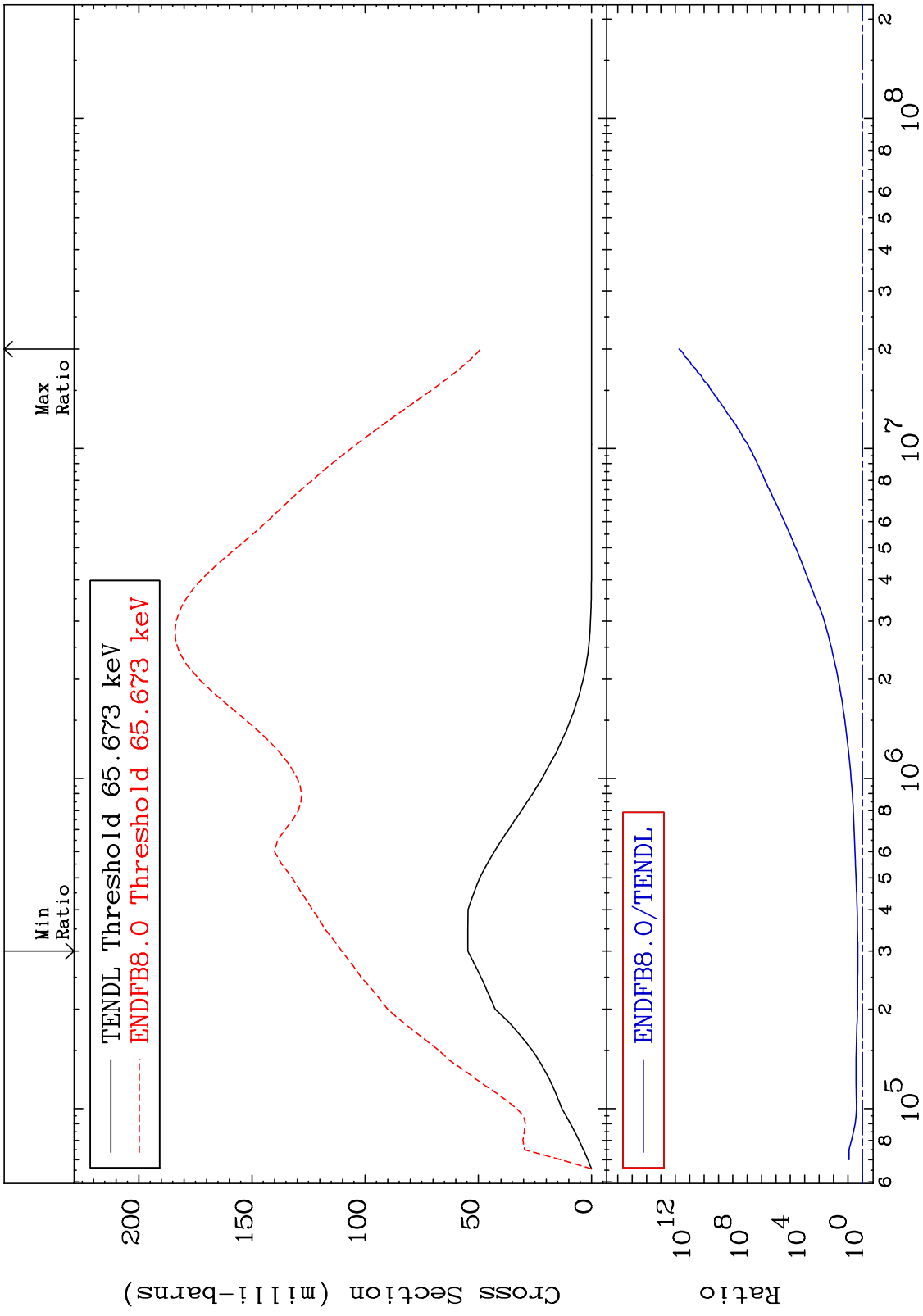


10 Incident Energy (eV) 95-Am-242

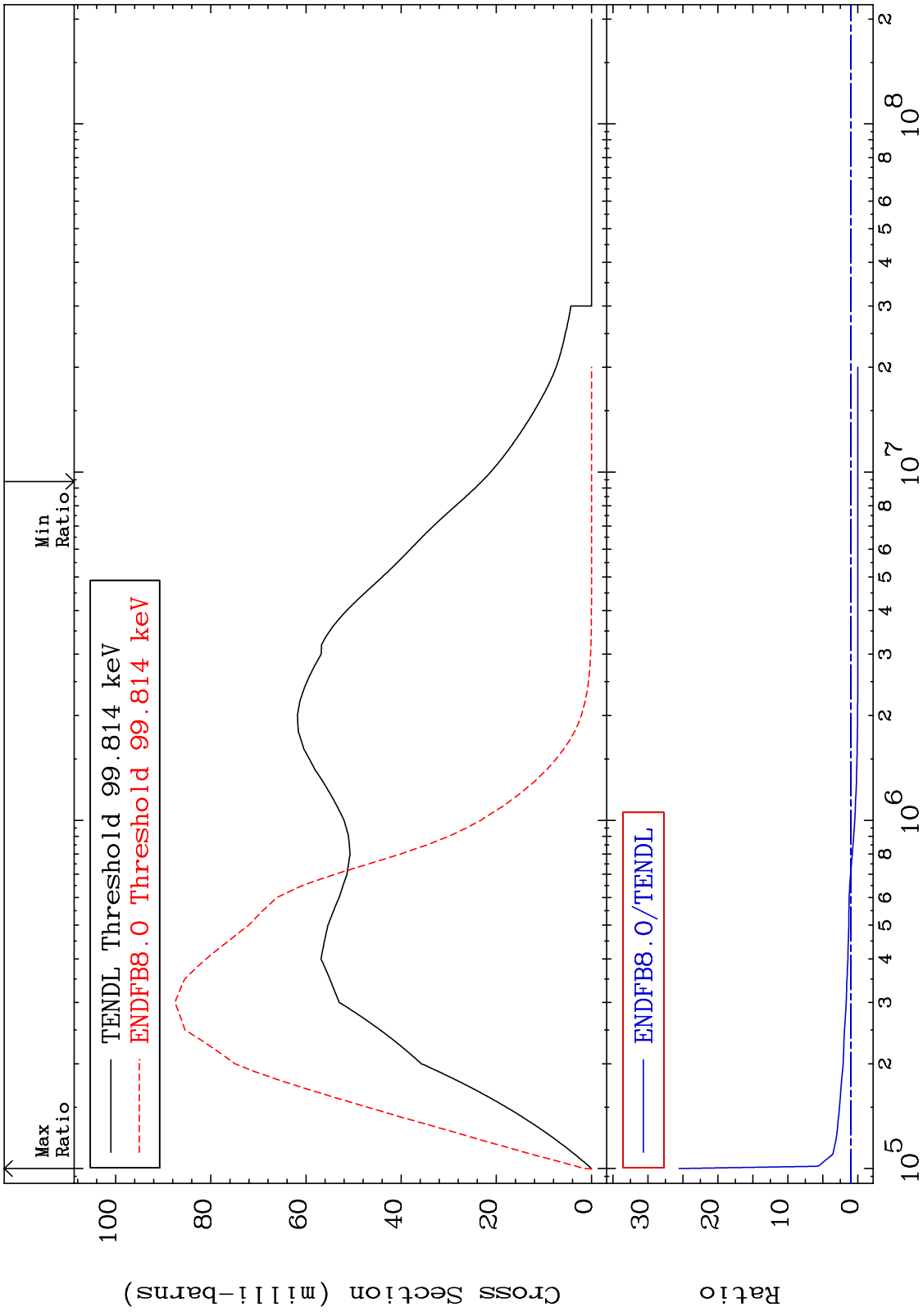
MAT 9547      MT= 55 (n,n') Level Cross Section      95-Am-242  
 -100.0 To -69.06%



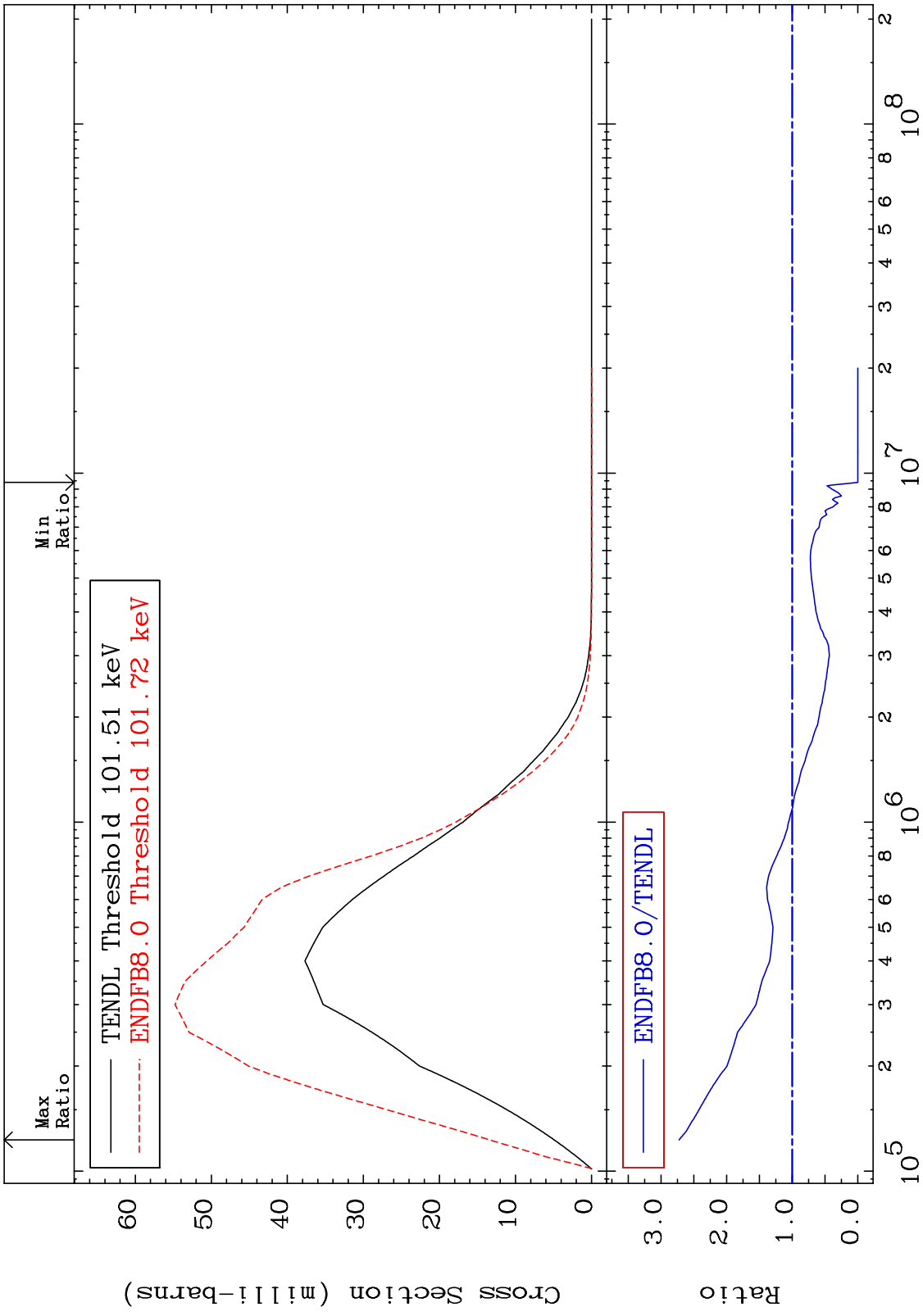
MAT 9547 MT= 56 (n,n') Level Cross Section 95-Am-242 To 9999. %



MAT 9547 MT= 57 (n,n') Level Cross Section 95-Am-242  
 -100.0 To 2455. %

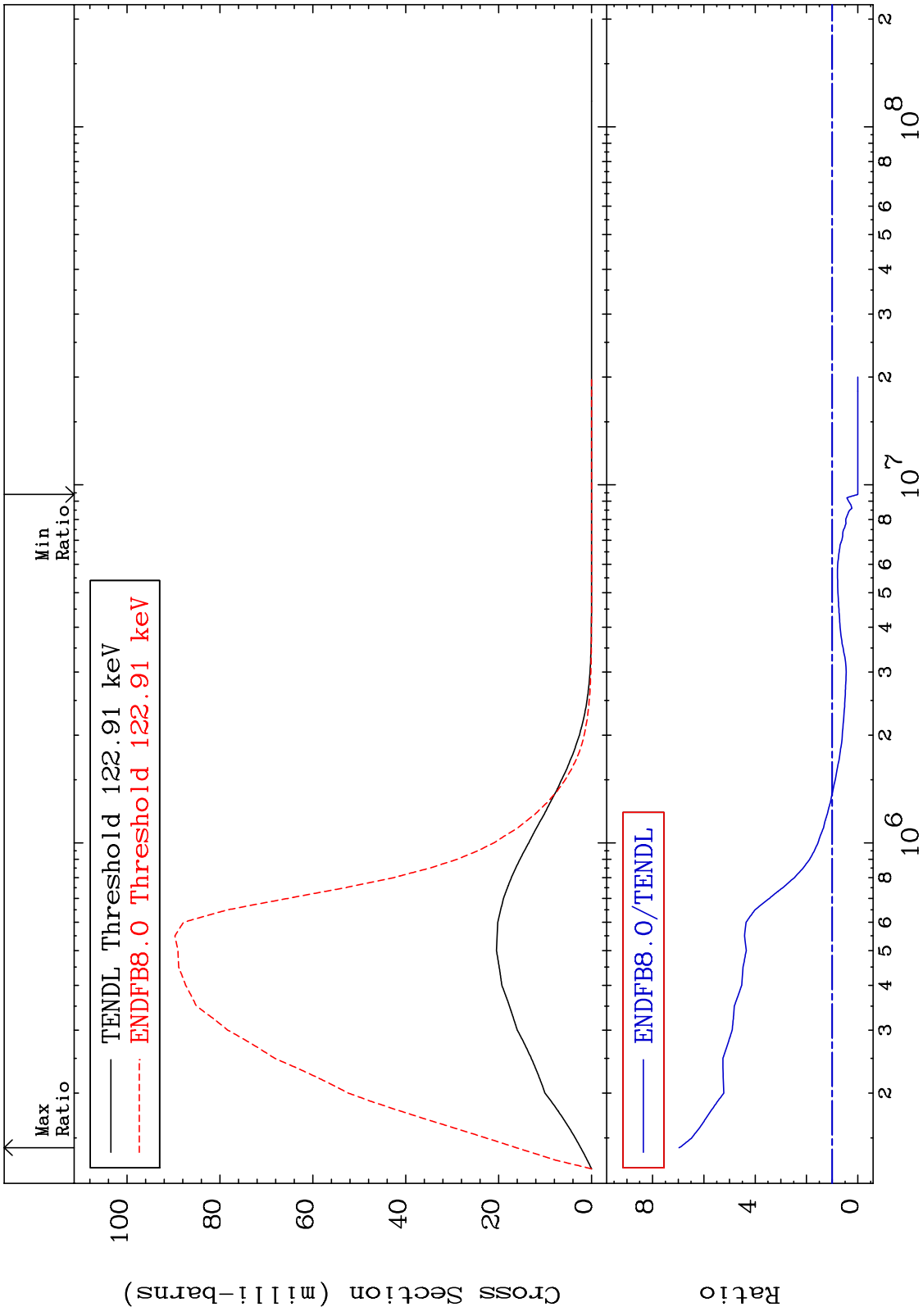


MAT 9547 MT= 58 (n,n') Level Cross Section 95-Am-242  
 -100.0 To 172.5 %



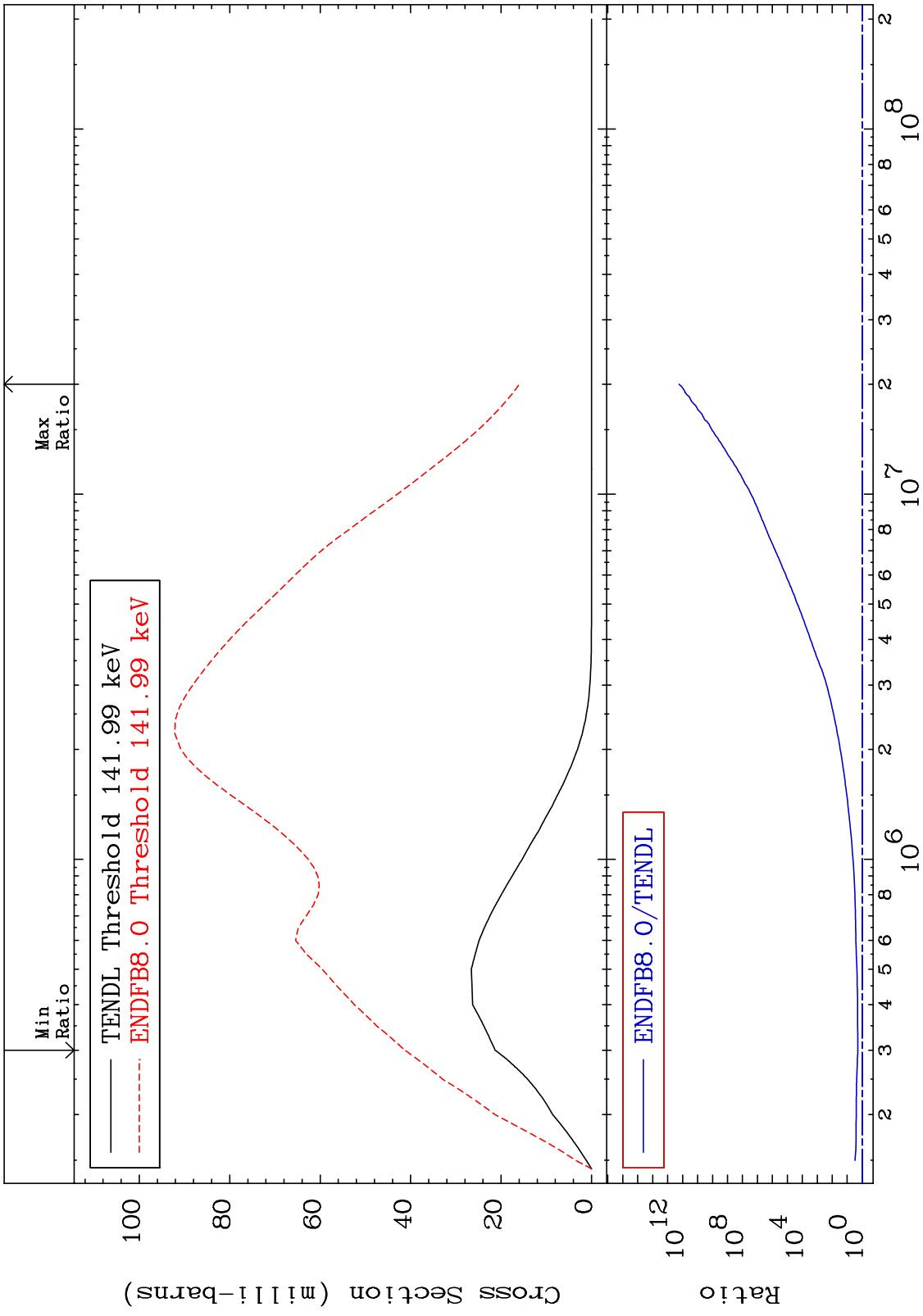
14 95-Am-242

MAT 9547 MT= 59 (n,n') Level Cross Section 95-Am-242 -100.0 To 596.8 %

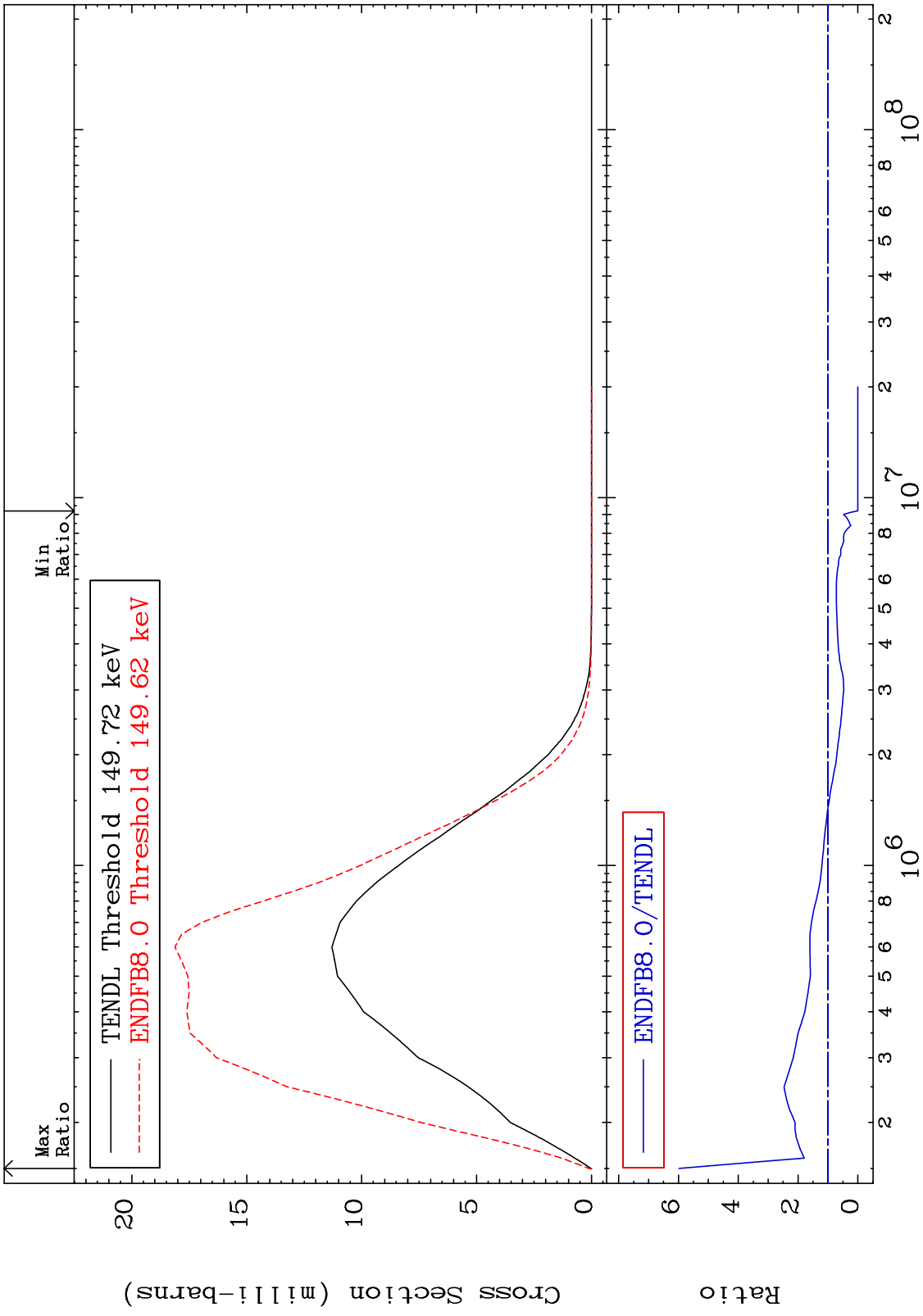




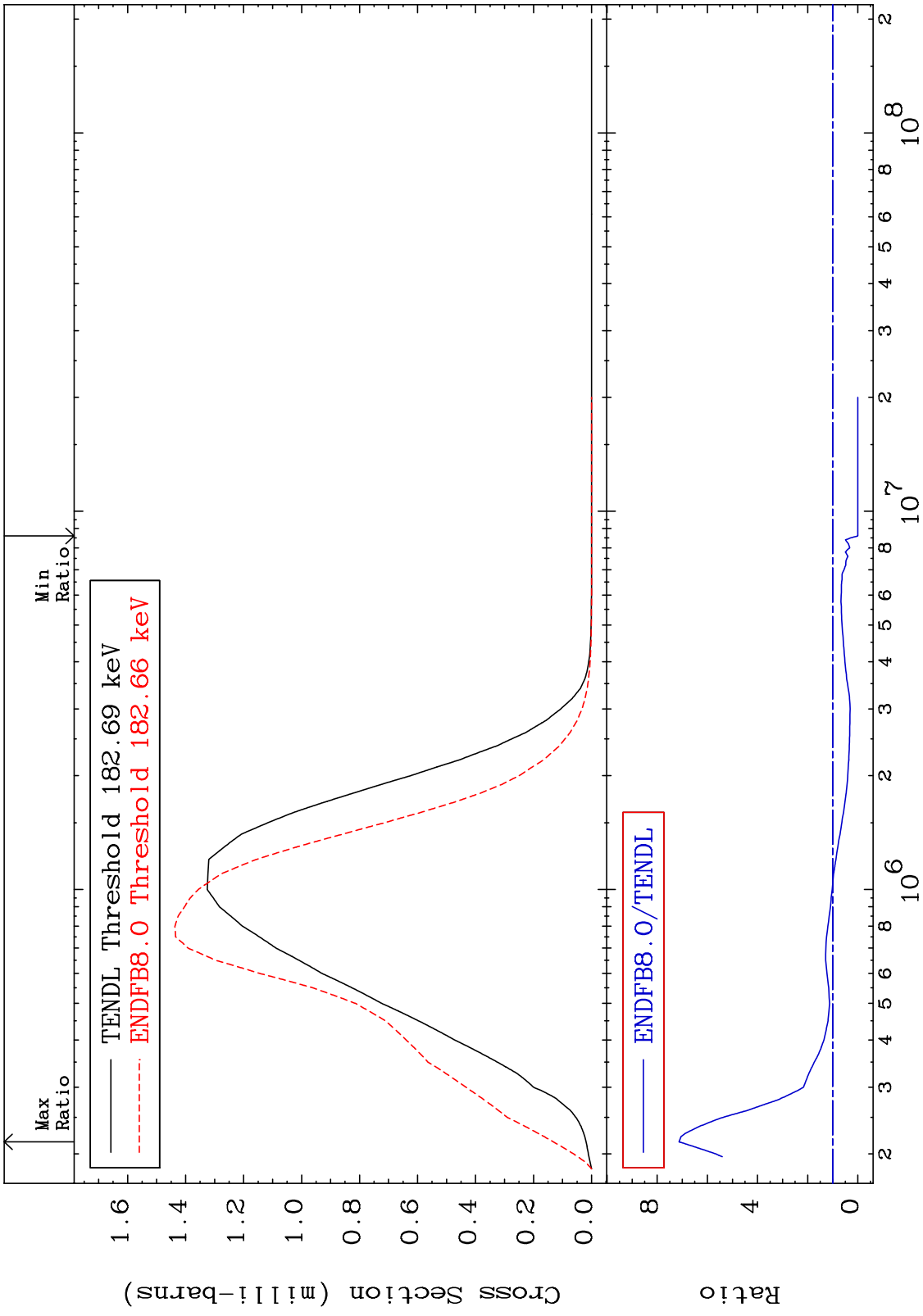
MAT 9547 MT= 60 (n,n') Level Cross Section 93.80 95-Am-242 To 9999. %



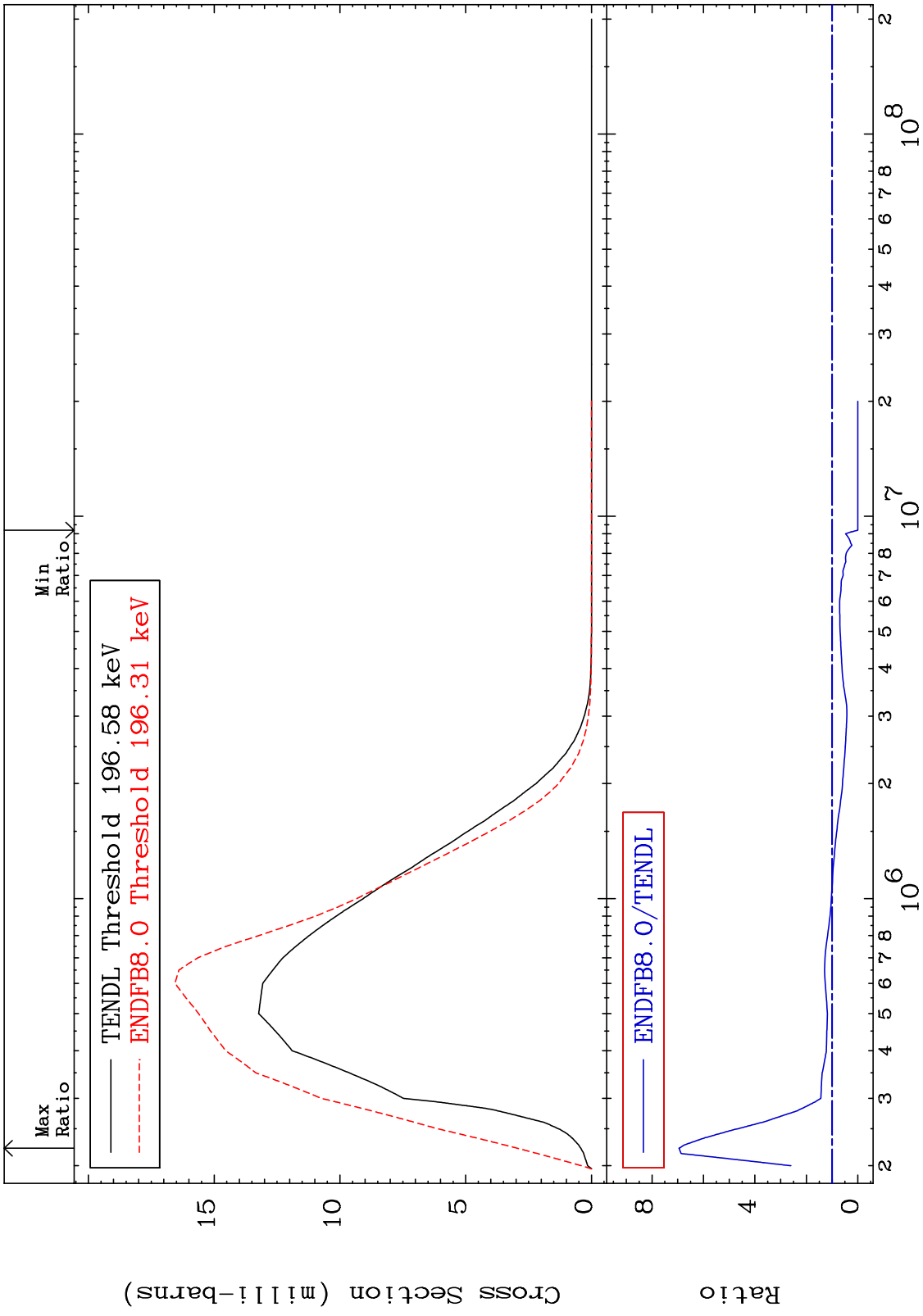
MAT 9547 MT= 61 (n,n') Level Cross Section -100.0 To 498.1 % 95-Am-242



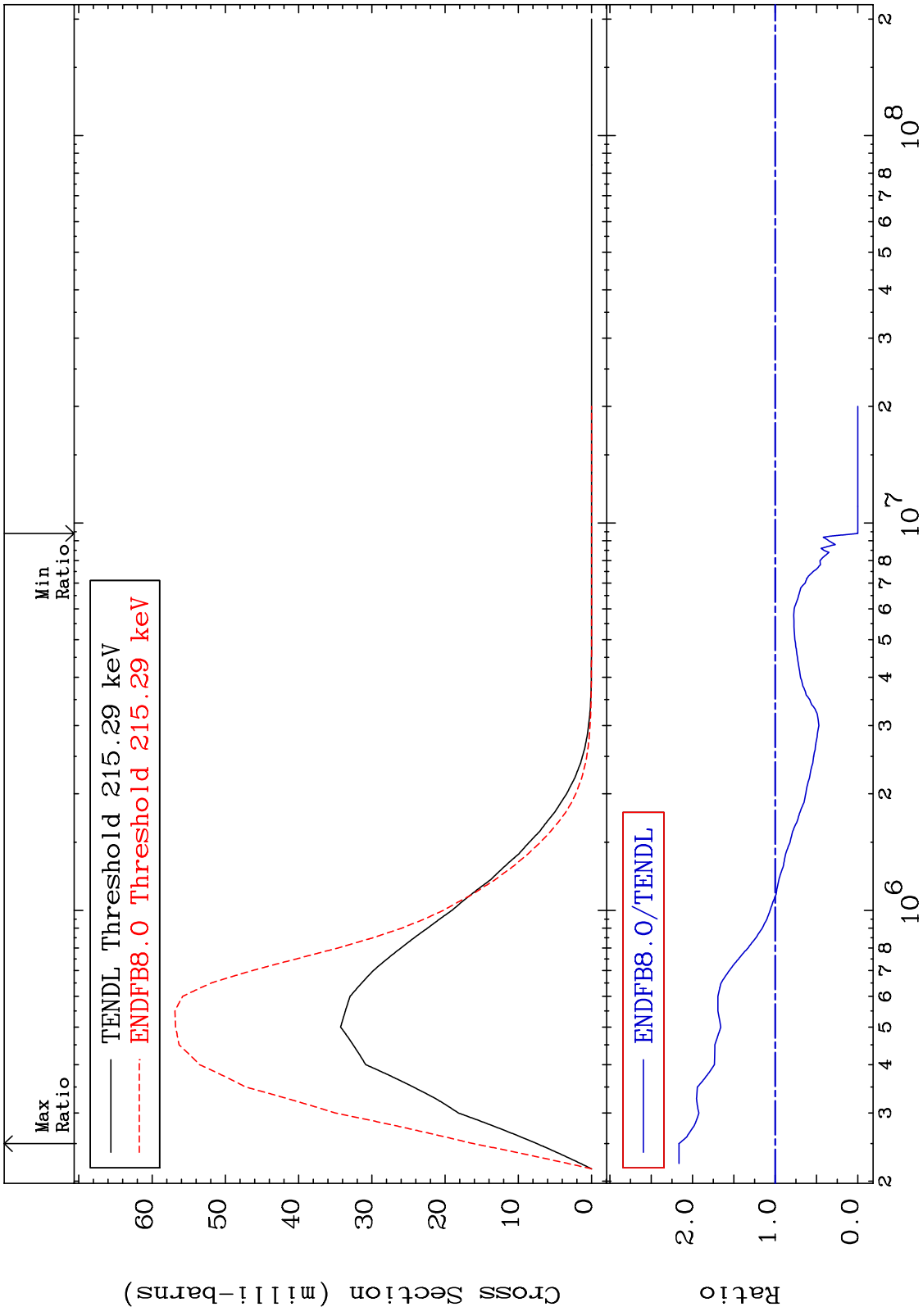
MAT 9547 MT= 62 (n,n') Level Cross Section 95-Am-242  
 -100.0 To 612.9 %



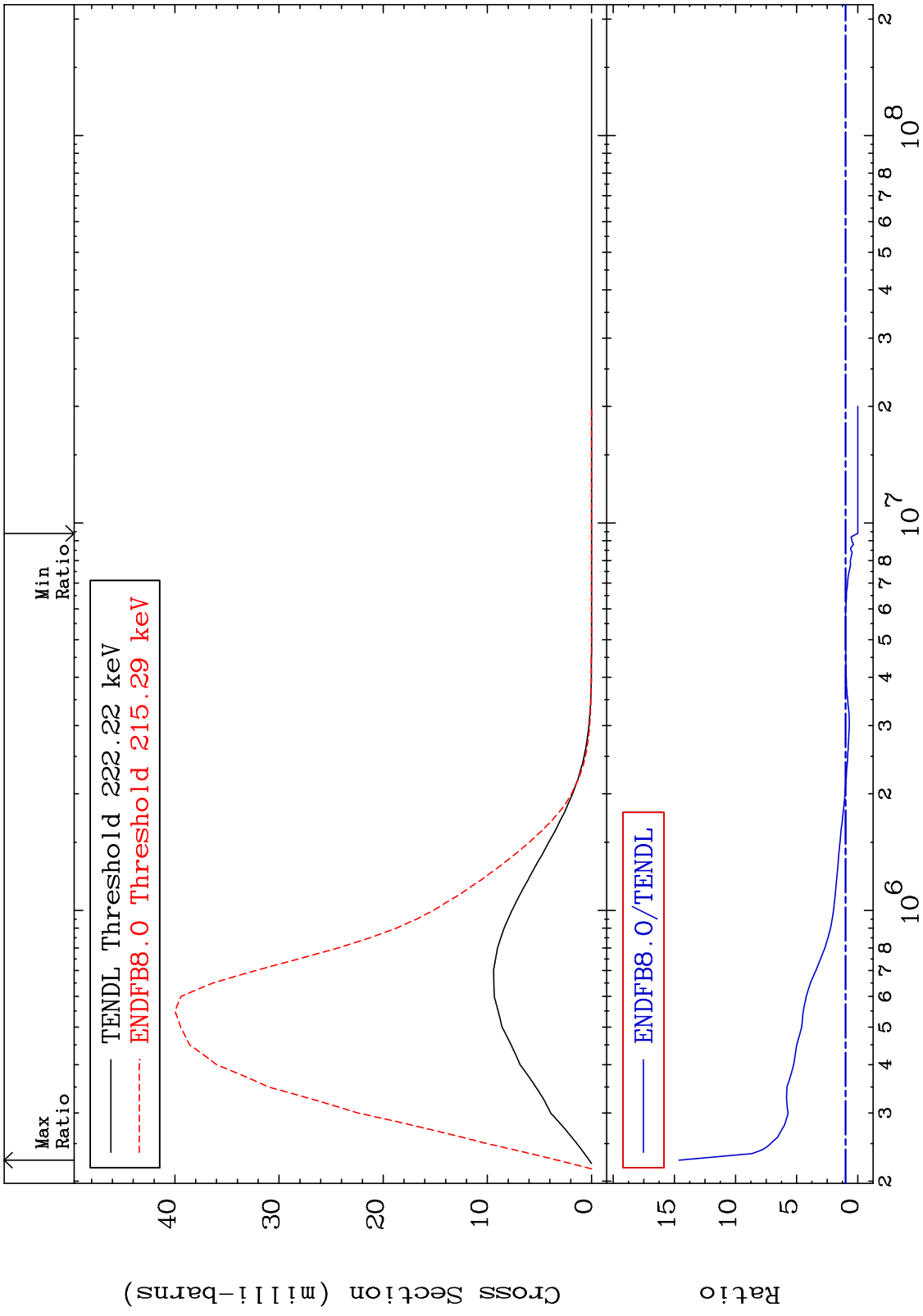
MAT 9547      MT= 63 (n,n') Level Cross Section      95-Am-242  
 -100.0 To 594.8 %



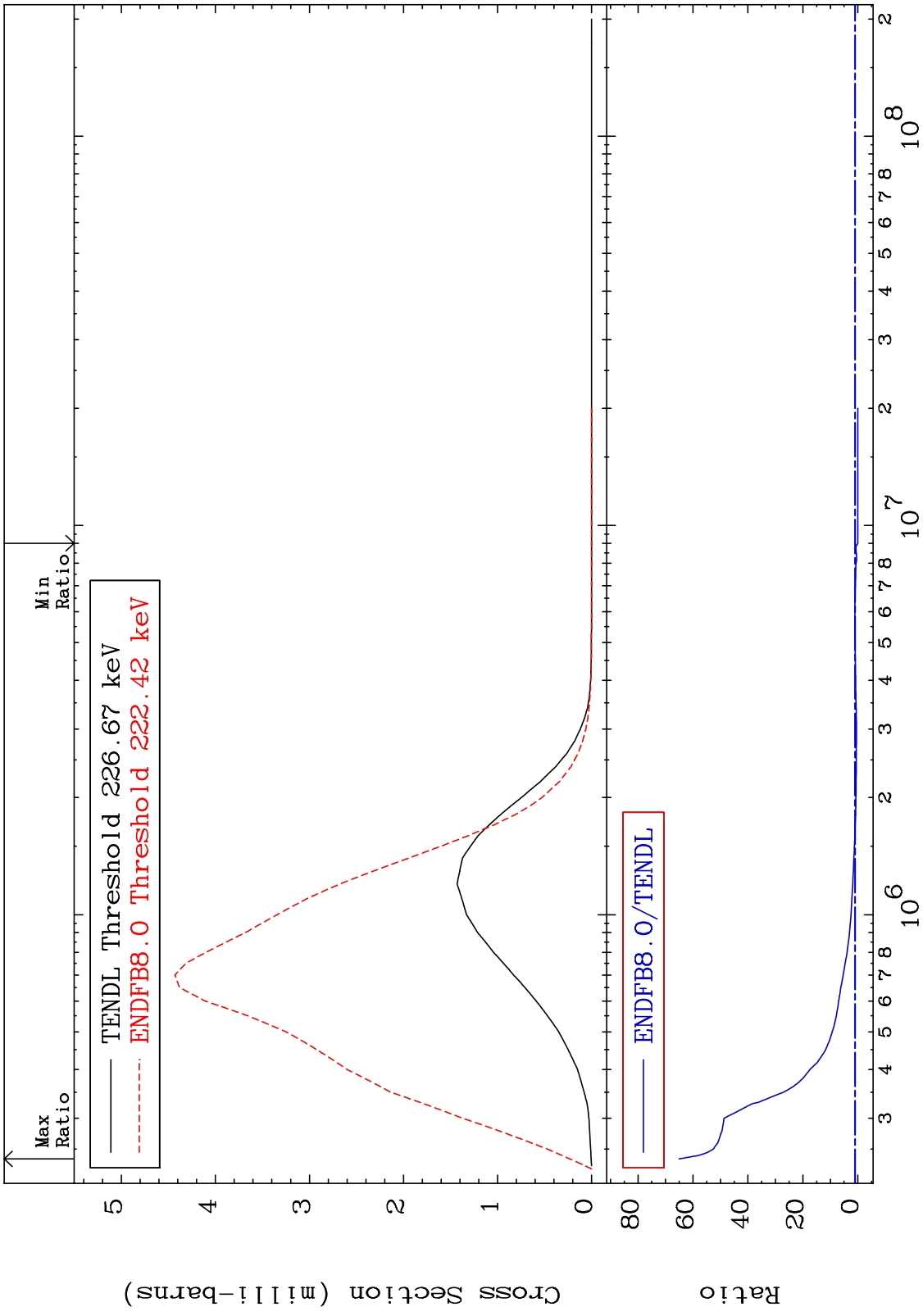
MAT 9547 MT= 64 (n,n') Level Cross Section 95-Am-242  
 -100.0 To 116.3 %



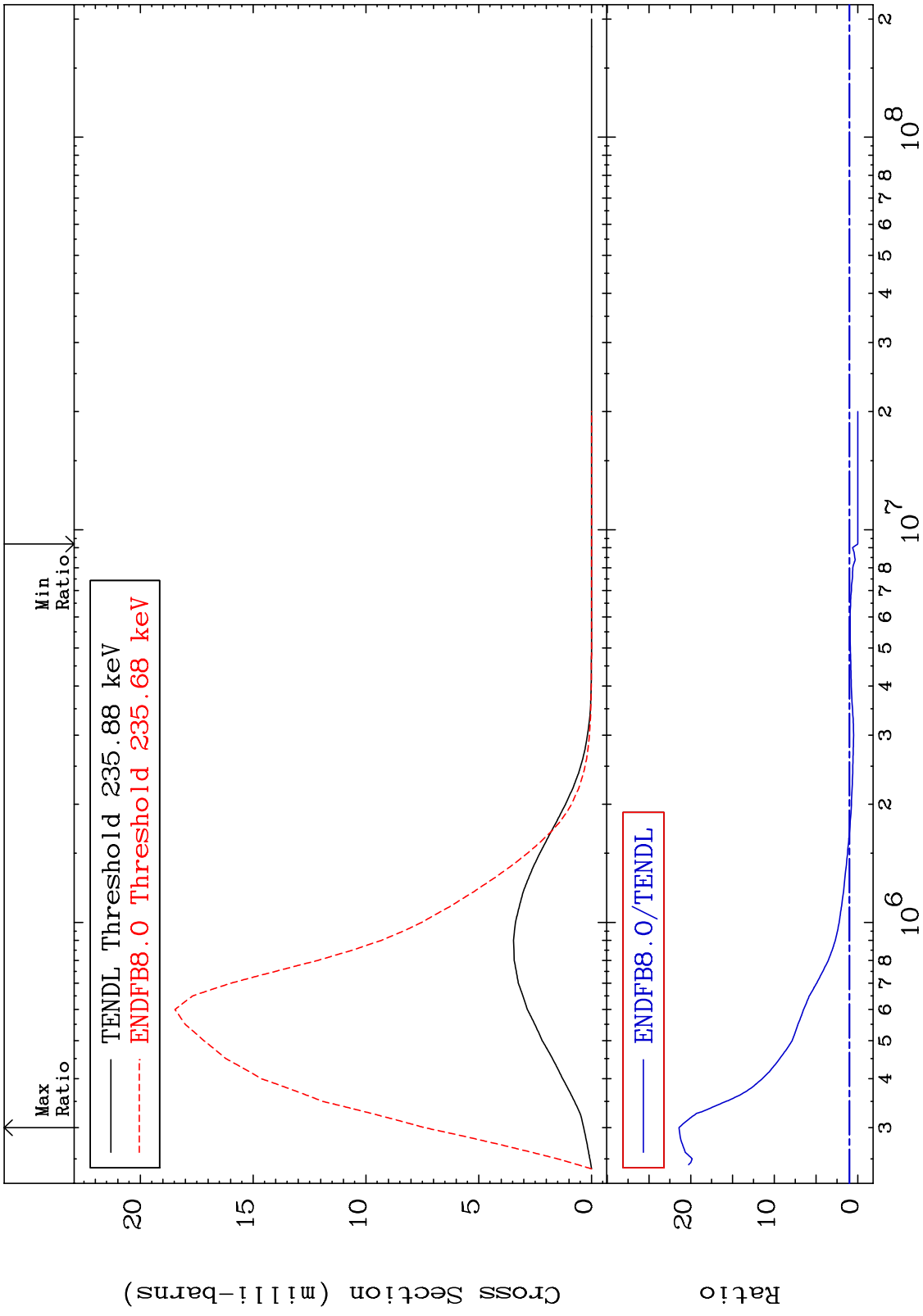
MAT 9547 MT= 65 (n,n') Level Cross Section 95-Am-242 -100.0 To 1362. %



MAT 9547 MT= 66 (n,n') Level Cross Section 95-Am-242  
 -100.0 To 6406. %

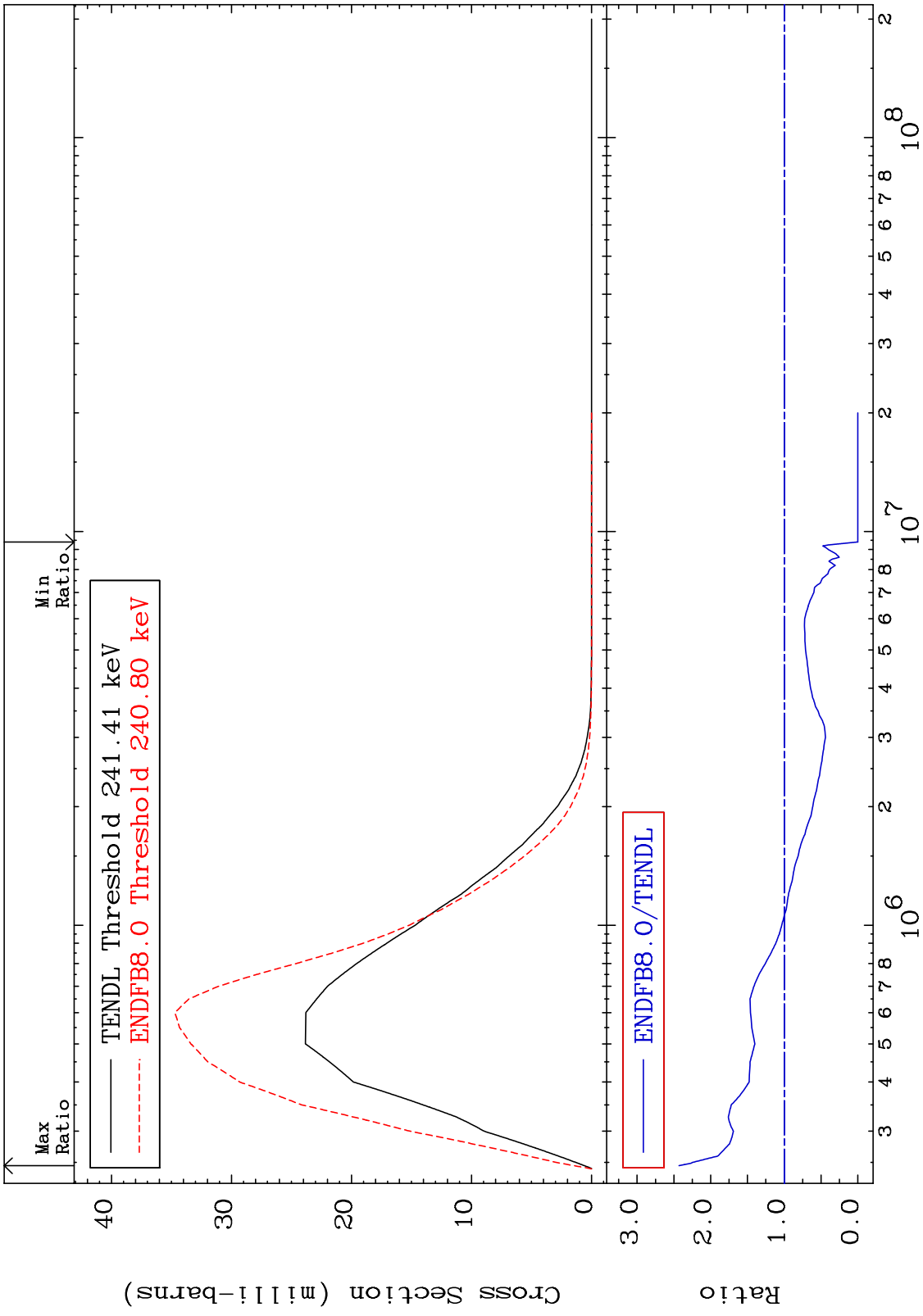


MAT 9547 MT= 67 (n,n') Level Cross Section 95-Am-242  
 -100.0 To 2040. %

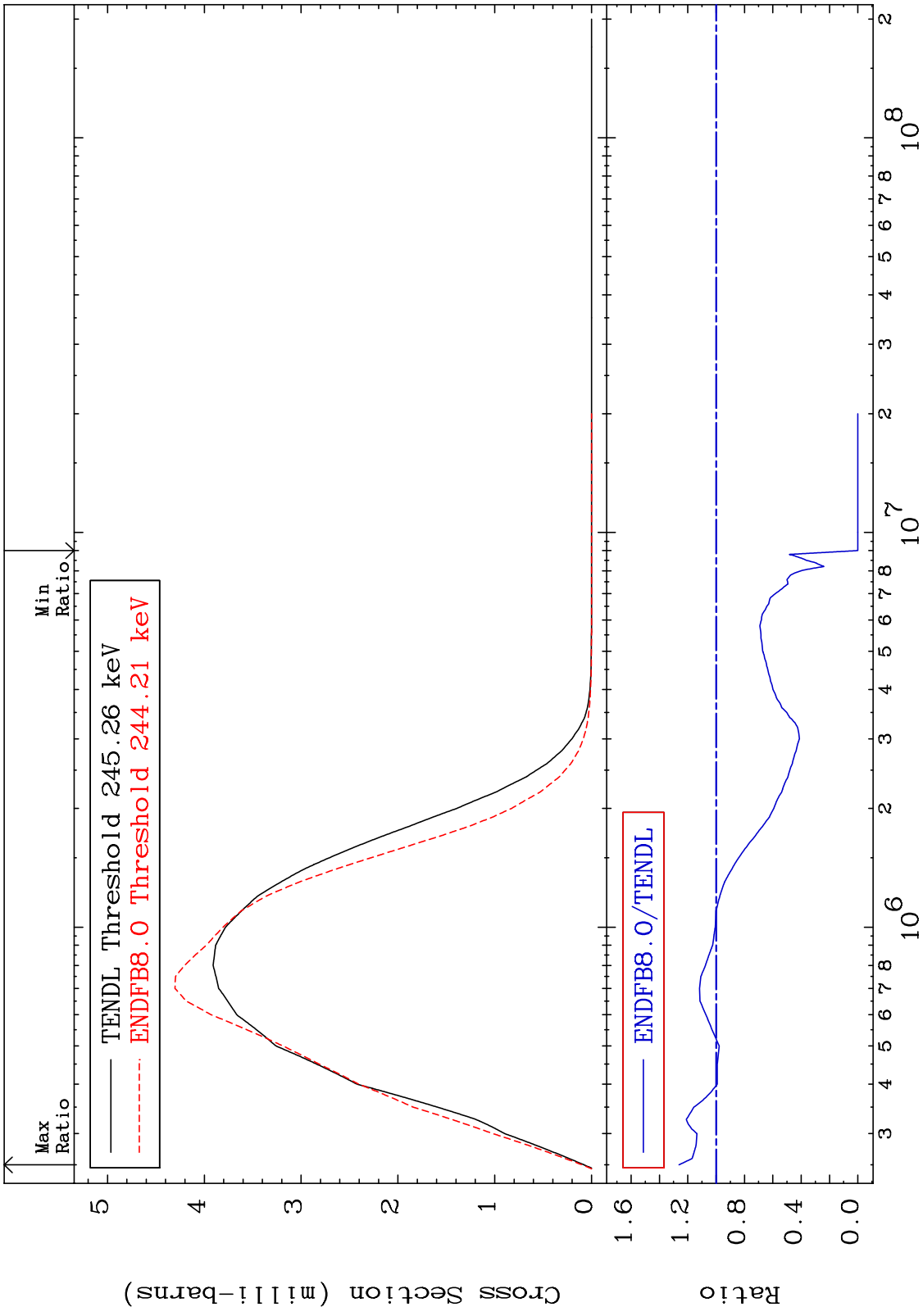




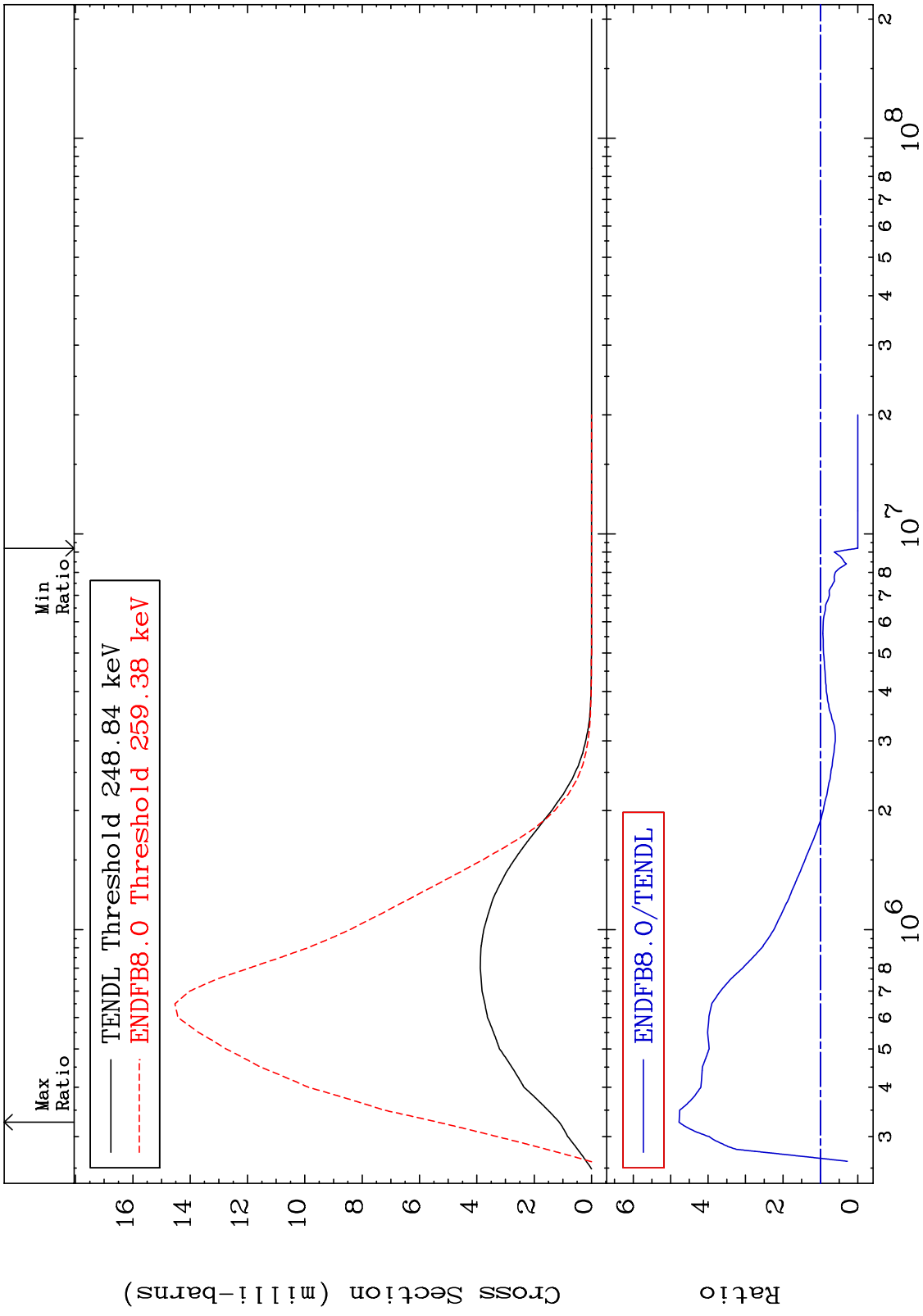
MAT 9547 MT= 68 (n,n') Level Cross Section 95-Am-242  
 -100.0 To 143.0 %



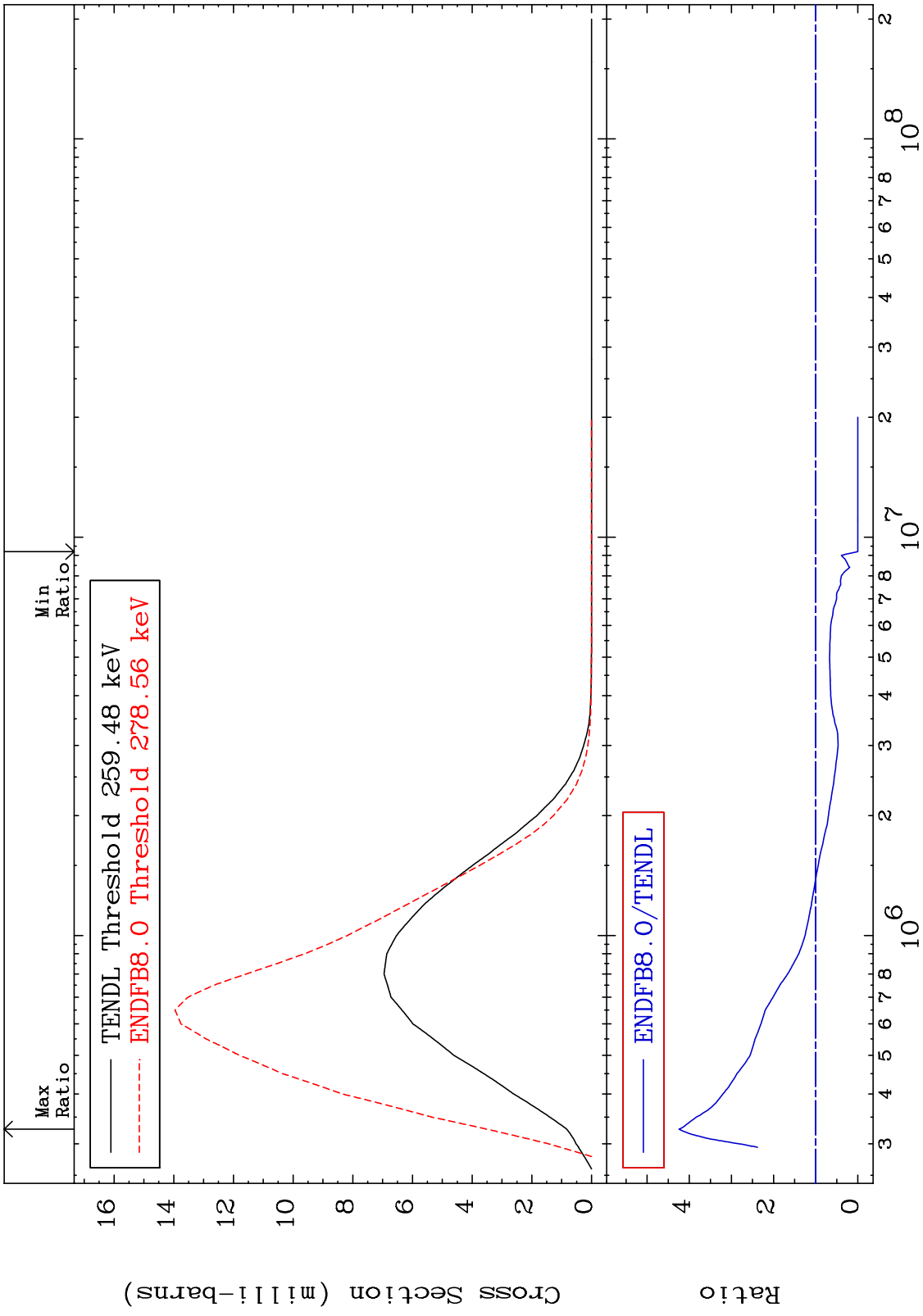
MAT 9547 MT= 69 (n,n') Level Cross Section 95-Am-242  
 -100.0 To 26.17 %



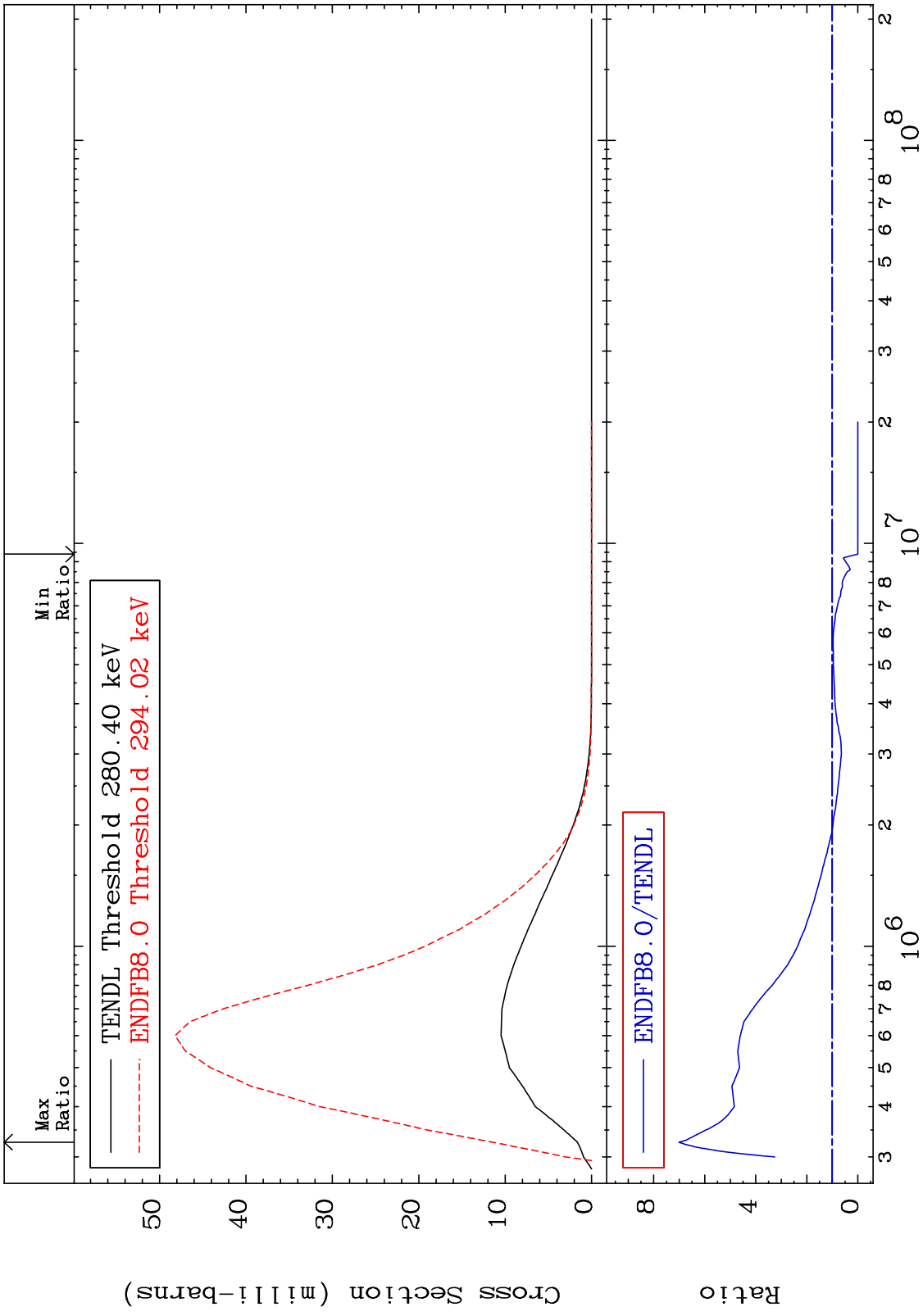
MAT 9547 MT= 70 (n,n') Level Cross Section 95-Am-242  
 -100.0 To 377.5 %



MAT 9547 MT= 71 (n,n') Level Cross Section 95-Am-242  
 -100.0 To 324.3 %



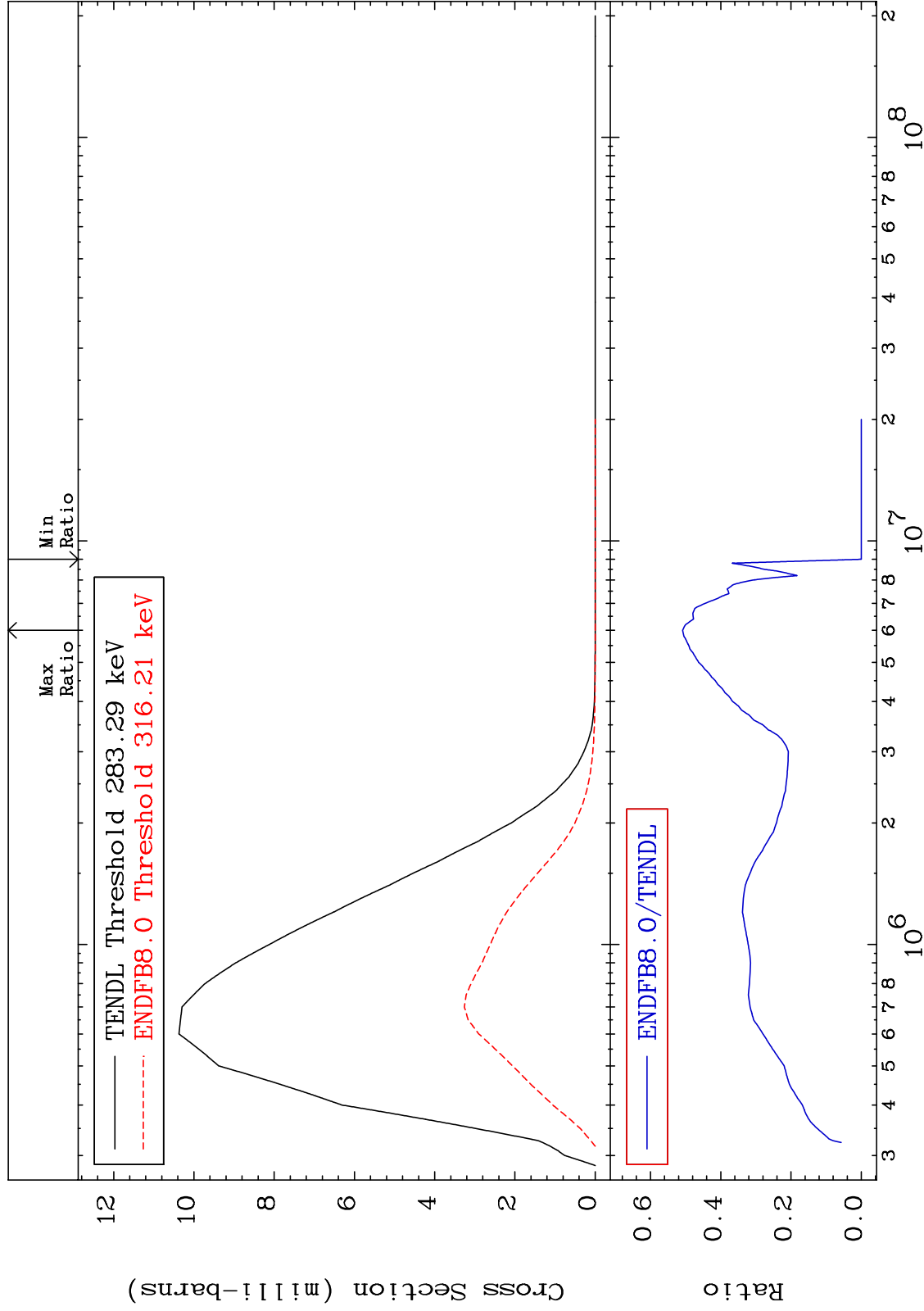
MAT 9547 MT= 72 (n,n') Level Cross Section 95-Am-242  
 -100.0 To 600.7 %



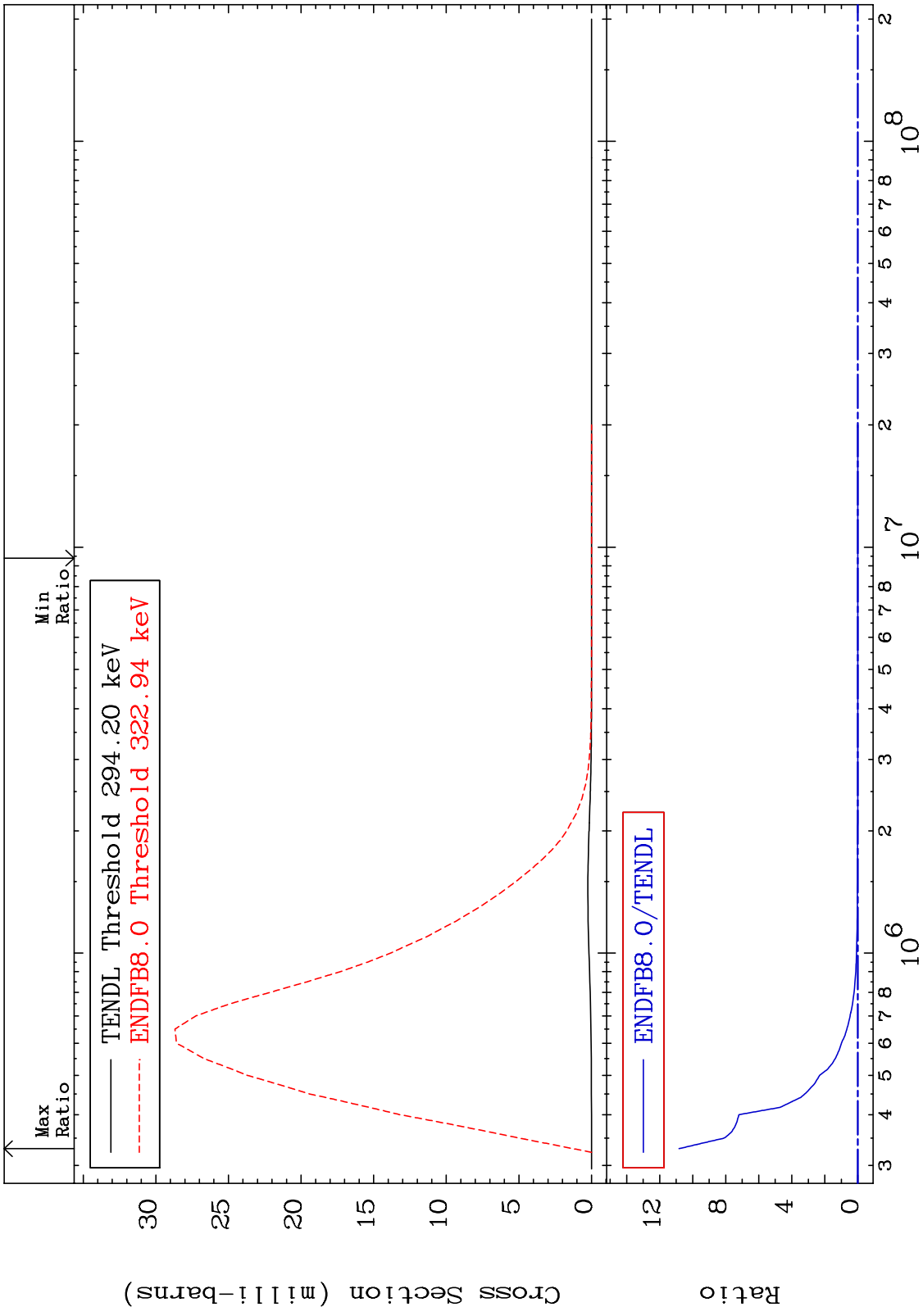
MAT 9547

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

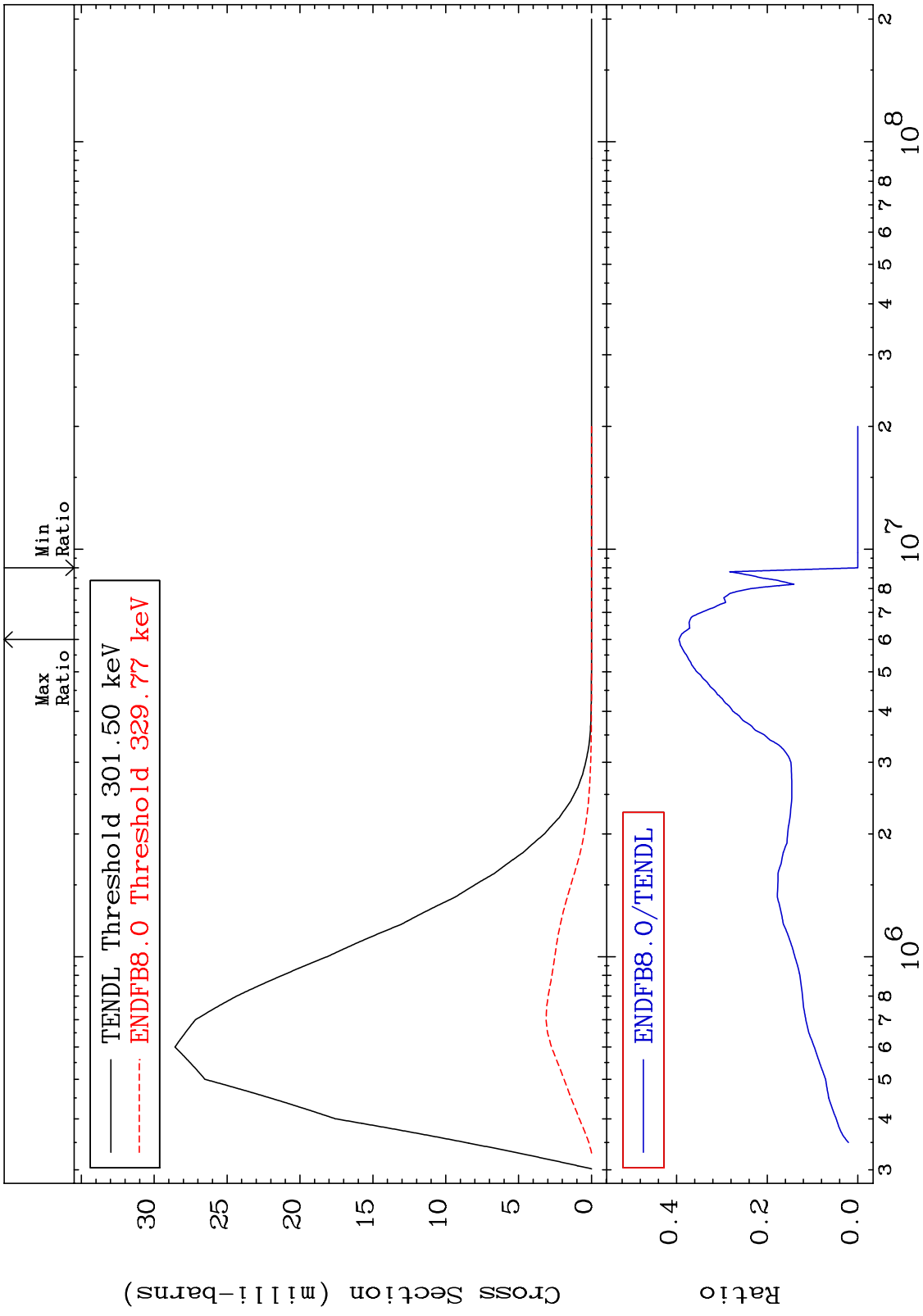
95-Am-242  
-100.0 To -49.17%



MAT 9547 MT= 74 (n,n') Level Cross Section 95-Am-242  
 -100.0 To 9999. %

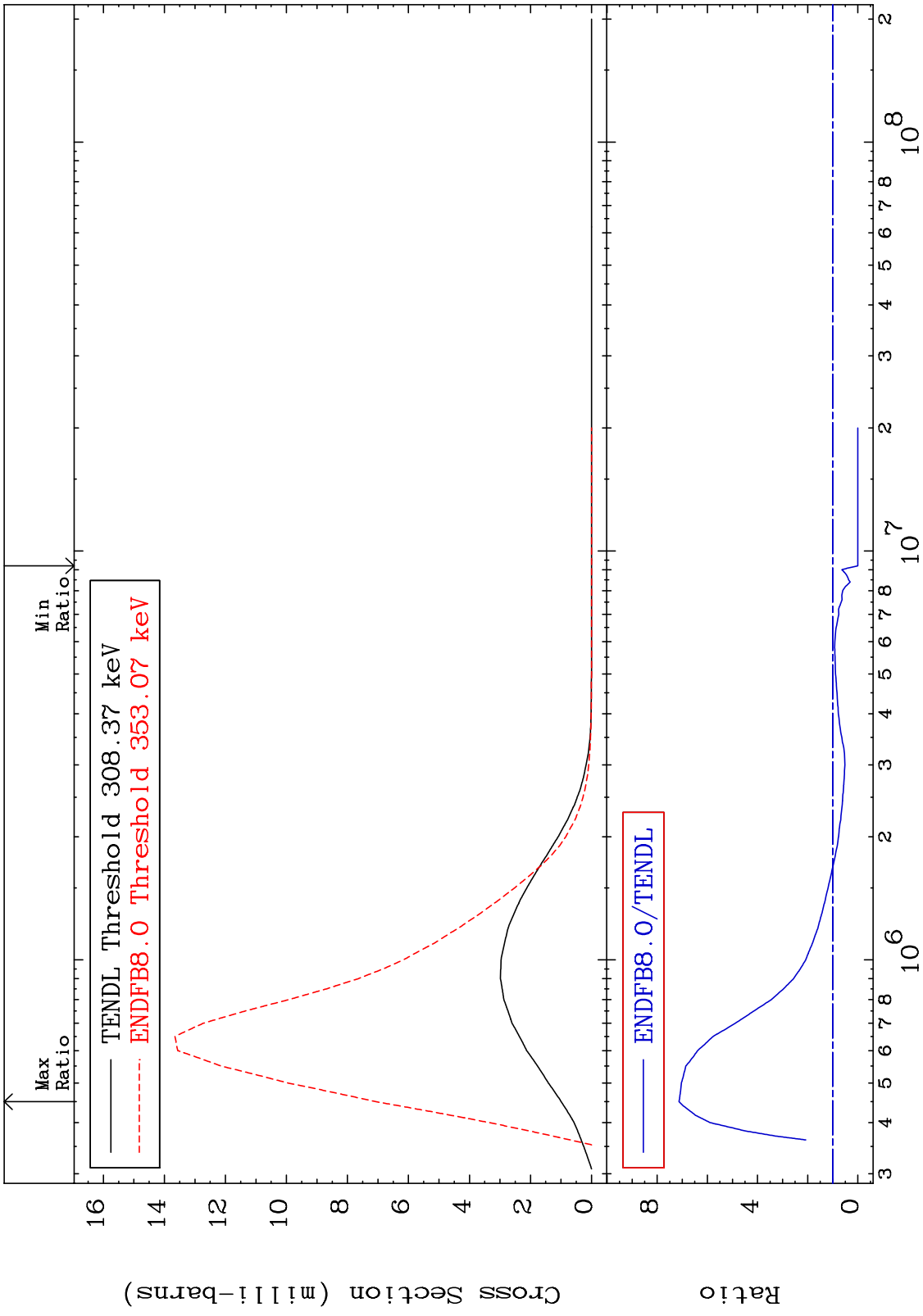


MAT 9547 MT= 75 (n,n') Level Cross Section 95-Am-242  
 -100.0 To -60.54%

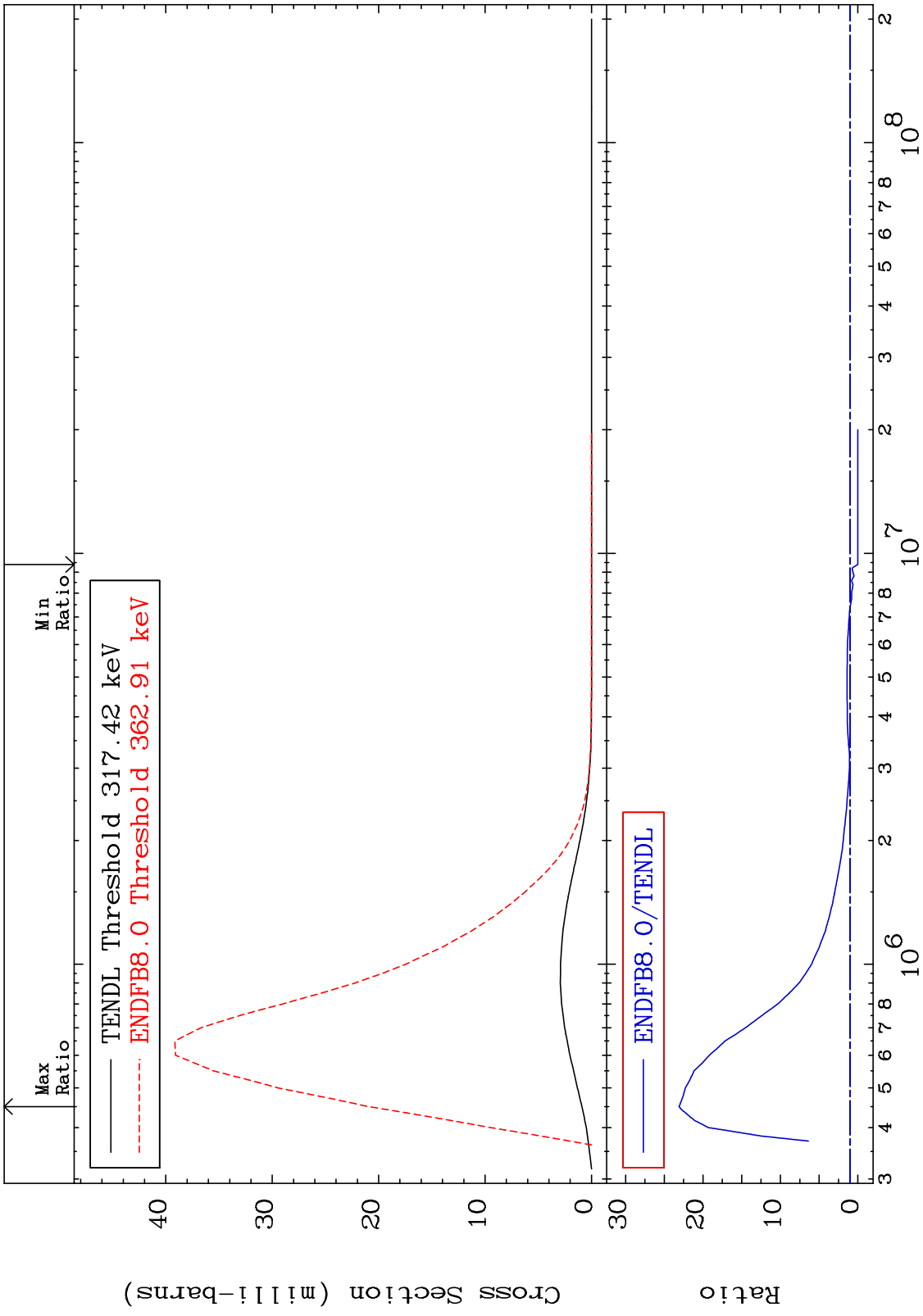




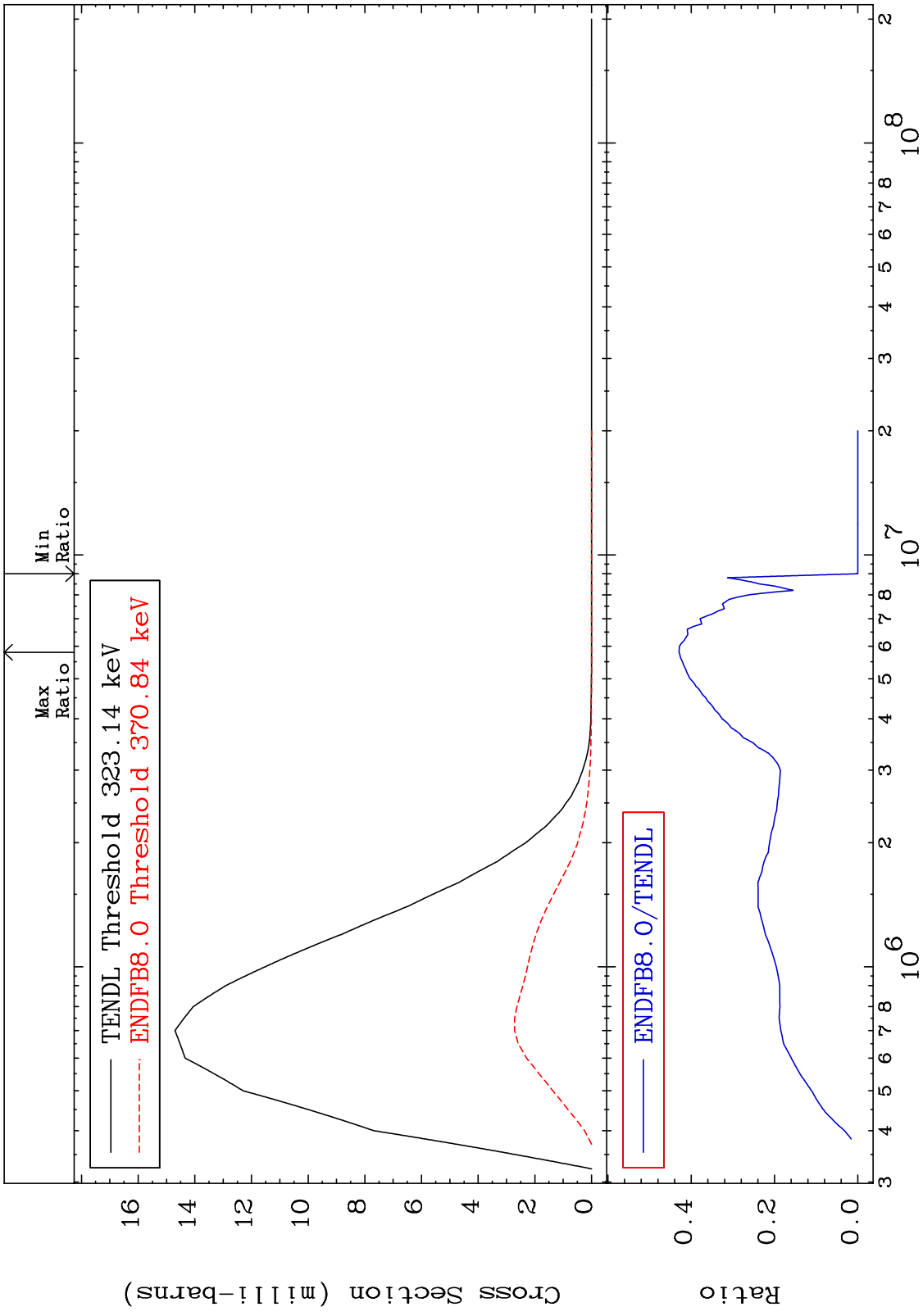
MAT 9547 MT= 76 (n,n') Level Cross Section 95-Am-242  
 -100.0 To 612.8 %



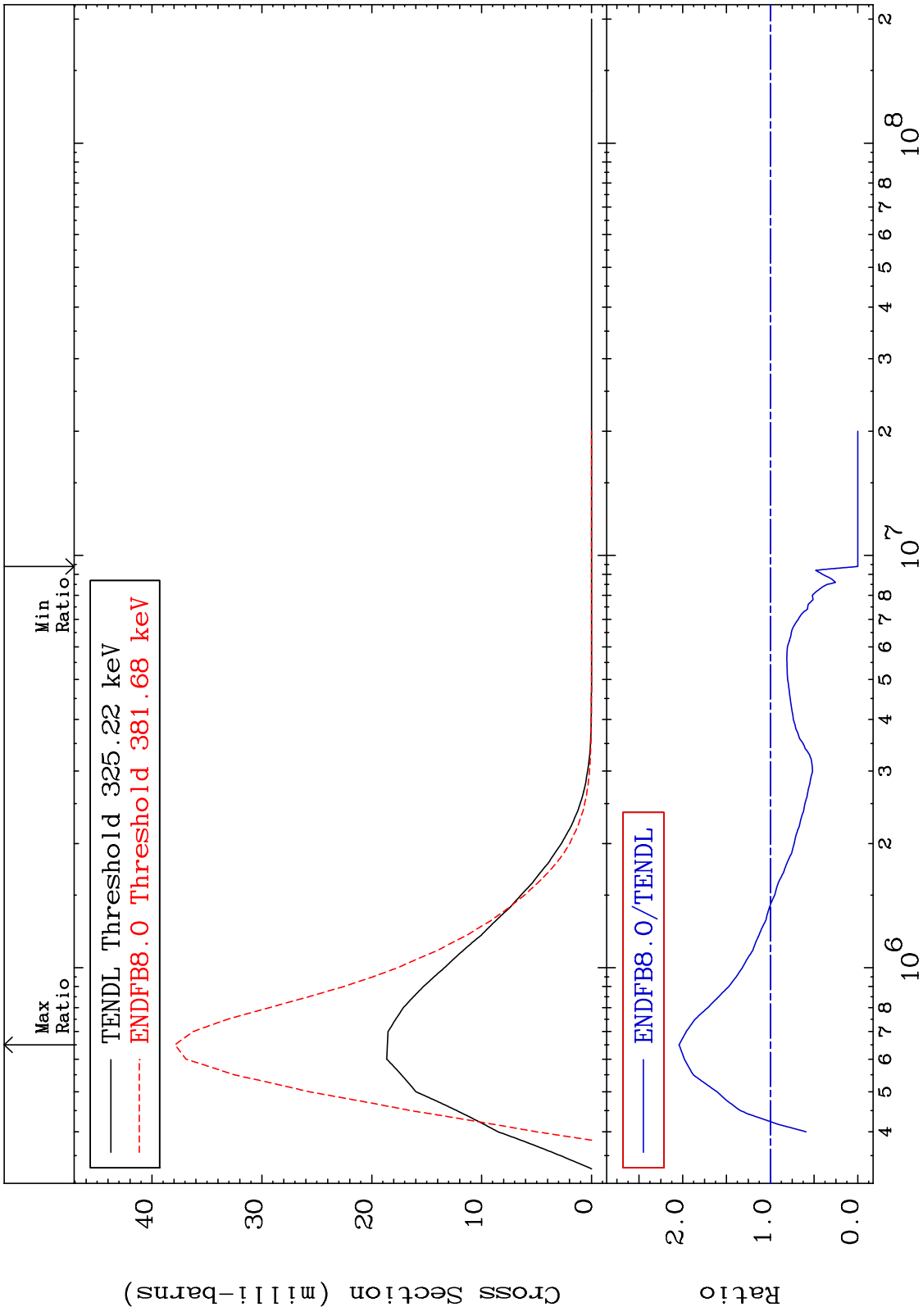
MAT 9547      MT= 77 (n,n') Level      95-Am-242  
 Cross Section      -100.0 To 2209. %



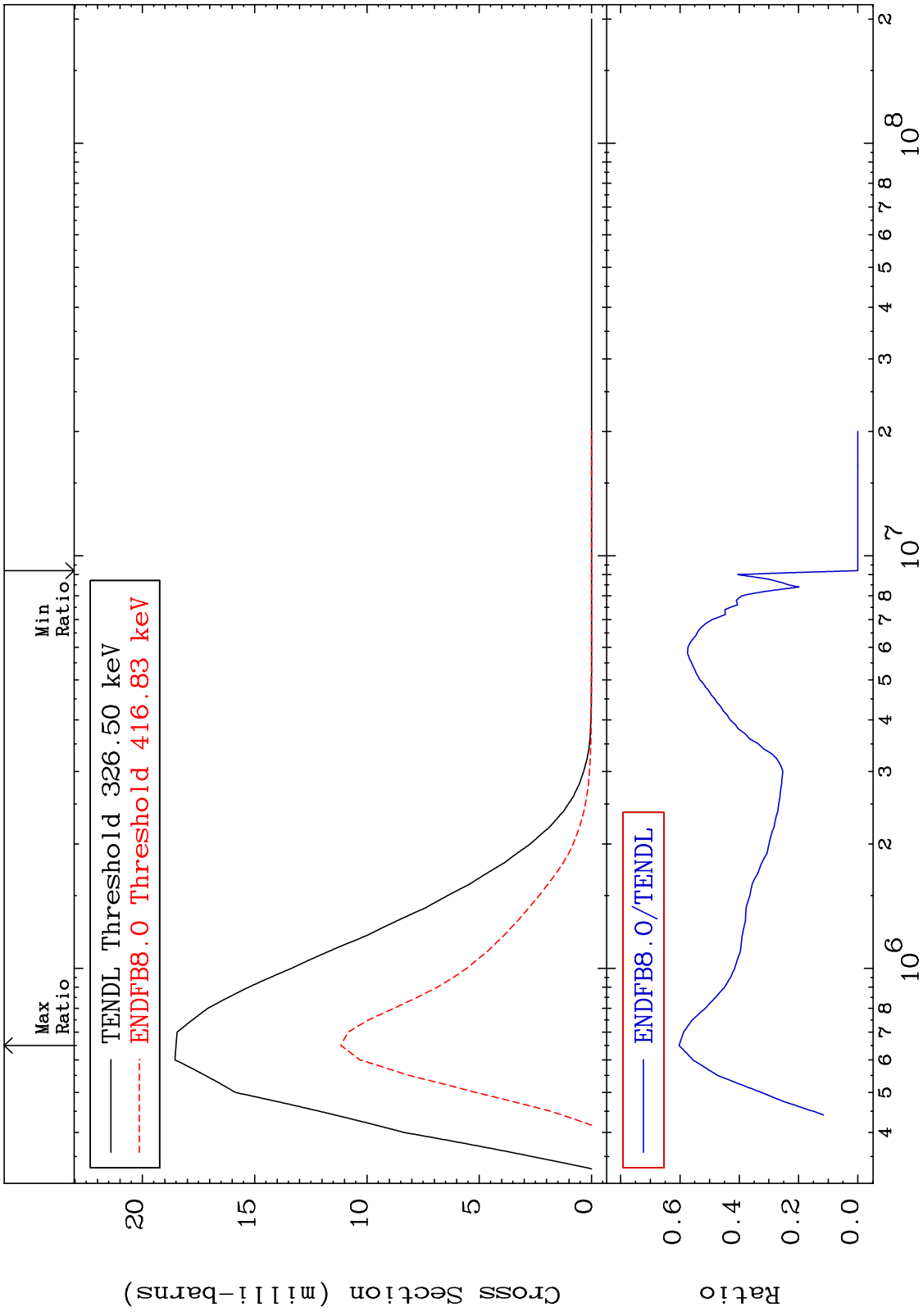
MAT 9547 MT= 78 (n,n') Level Cross Section 95-Am-242  
 -100.0 To -57.07%



MAT 9547 MT= 79 (n,n') Level Cross Section 95-Am-242  
 -100.0 To 104.1 %



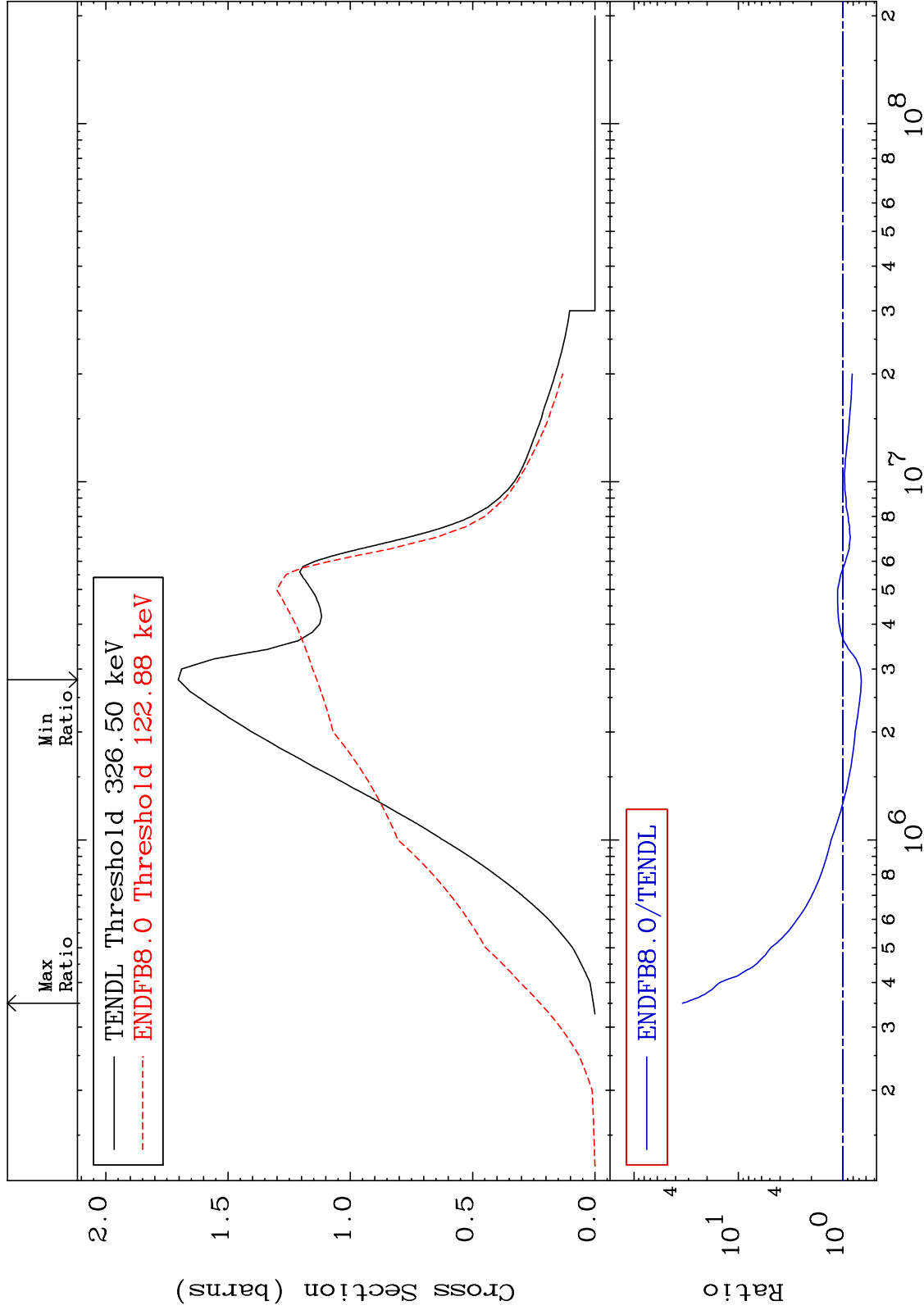
MAT 9547 MT= 80 (n,n') Level Cross Section 95-Am-242  
 -100.0 To -39.69%



MAT 9547

(n, n') Continuum  
Cross Section

95-Am-242  
-33.24 To 3336. %



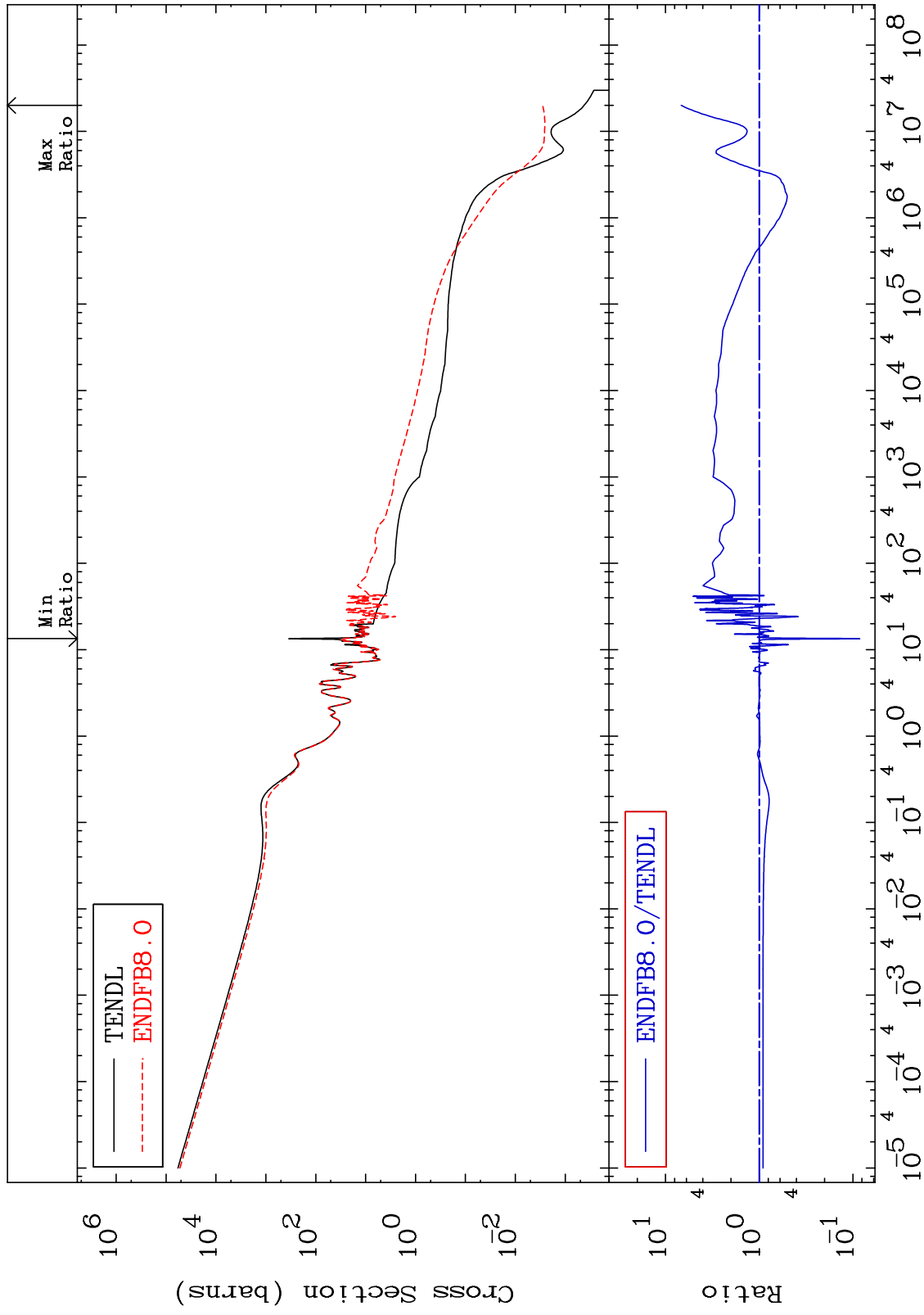
MAT 9547

(n,  $\gamma$ )

95-Am-242

Cross Section

-91.56 To 580.0 %



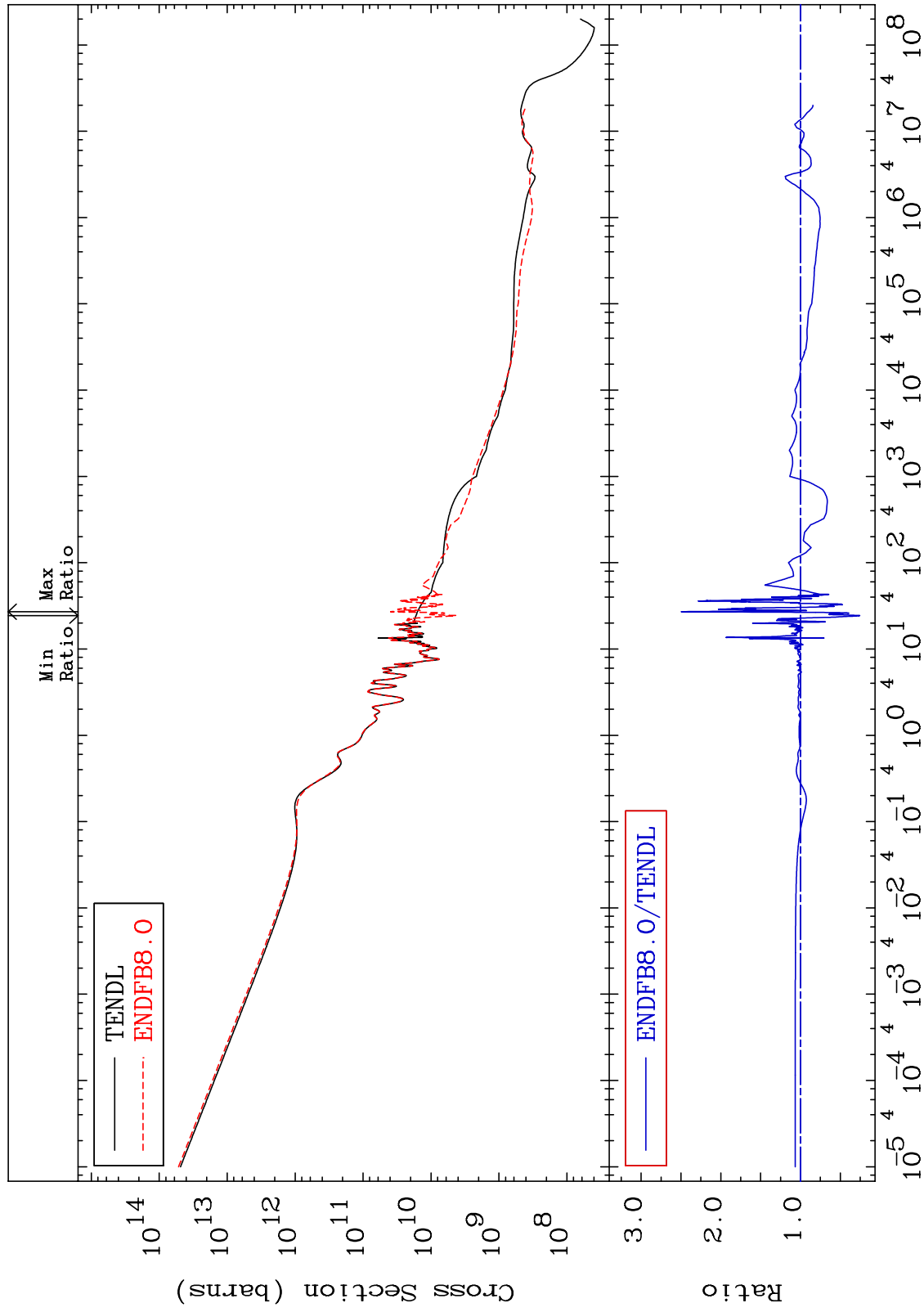
Incident Energy (eV)

95-Am-242

MAT 9547

Kerma total (eV-barns)  
Cross Section

95-Am-242  
-74.49 To 149.3 %

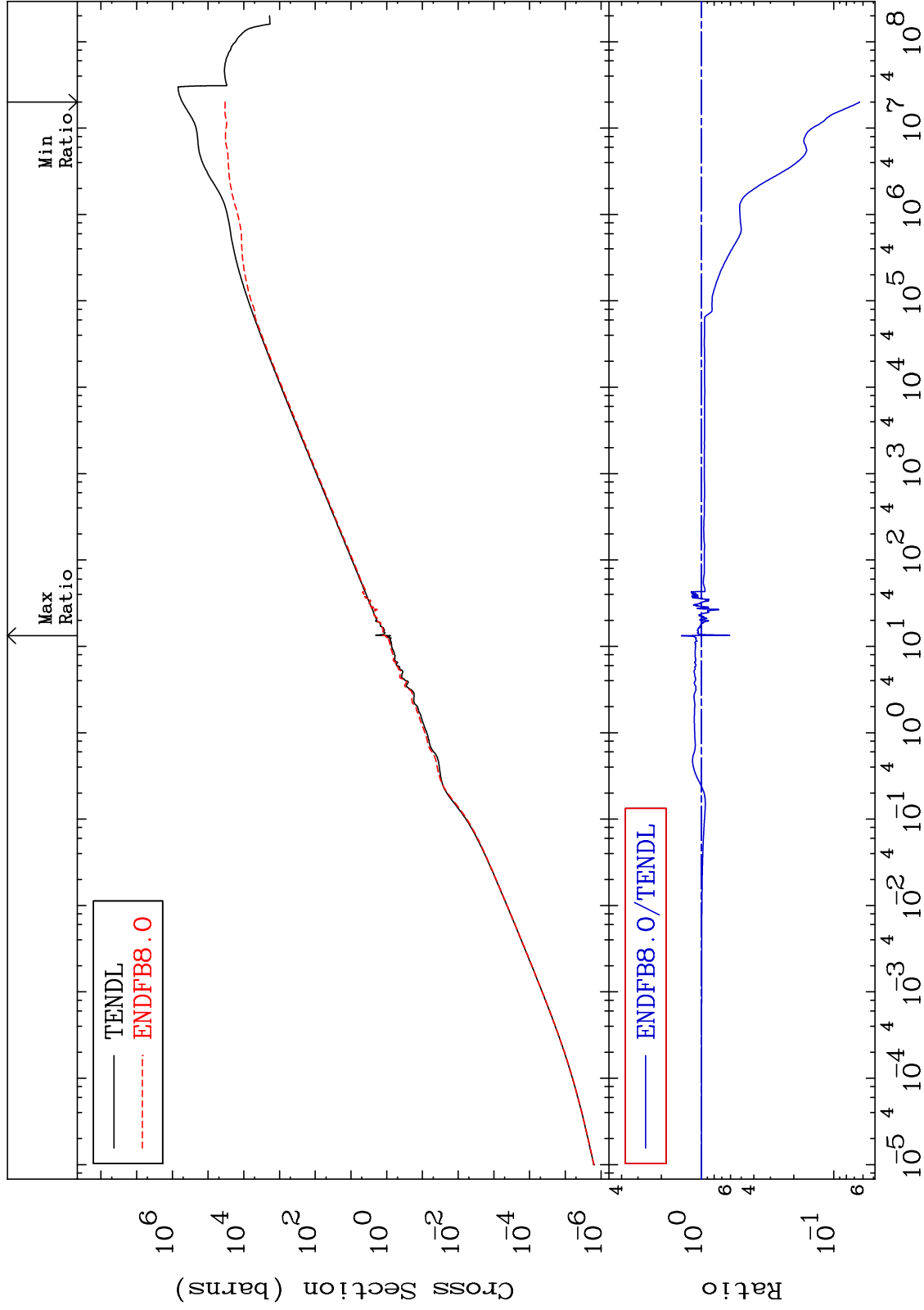




MAT 9547

Kerma elastic  
Cross Section

95-Am-242  
-93.65 To 41.56 %

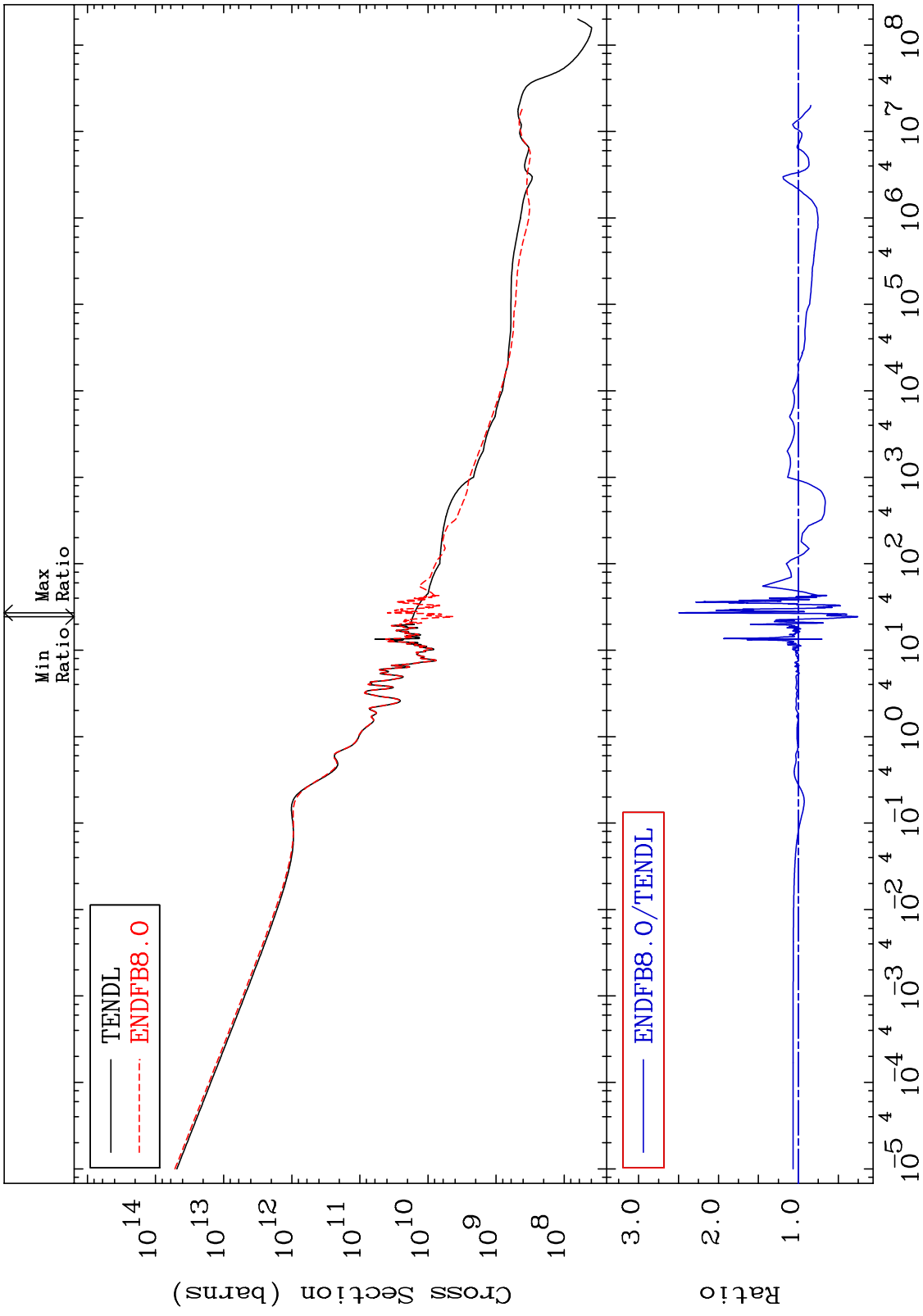


40

Incident Energy (eV)

95-Am-242

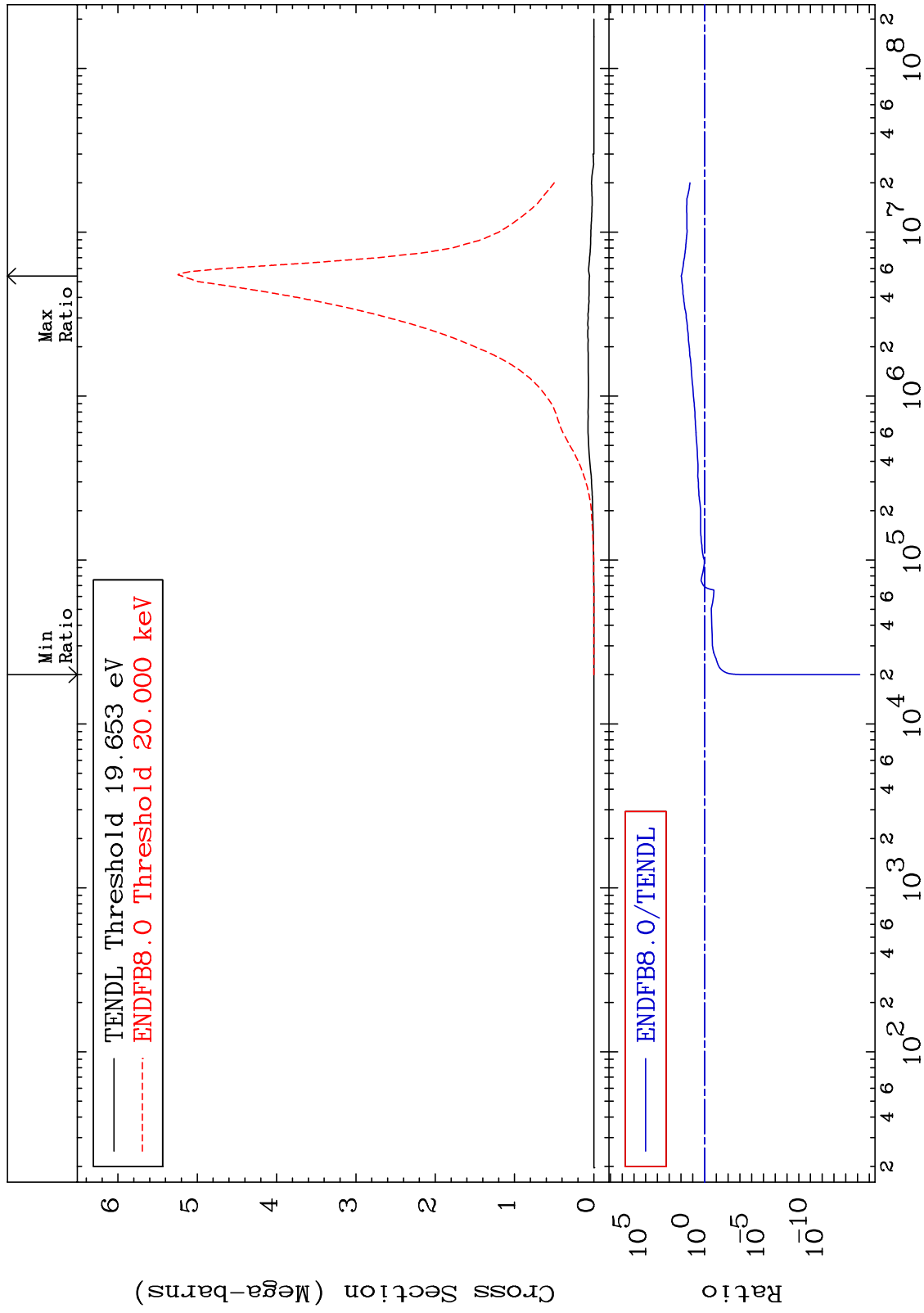
MAT 9547      Kerma non-elastic (all but mt2)      95-Am-242  
 -74.49 To 149.3 %  
 Cross Section



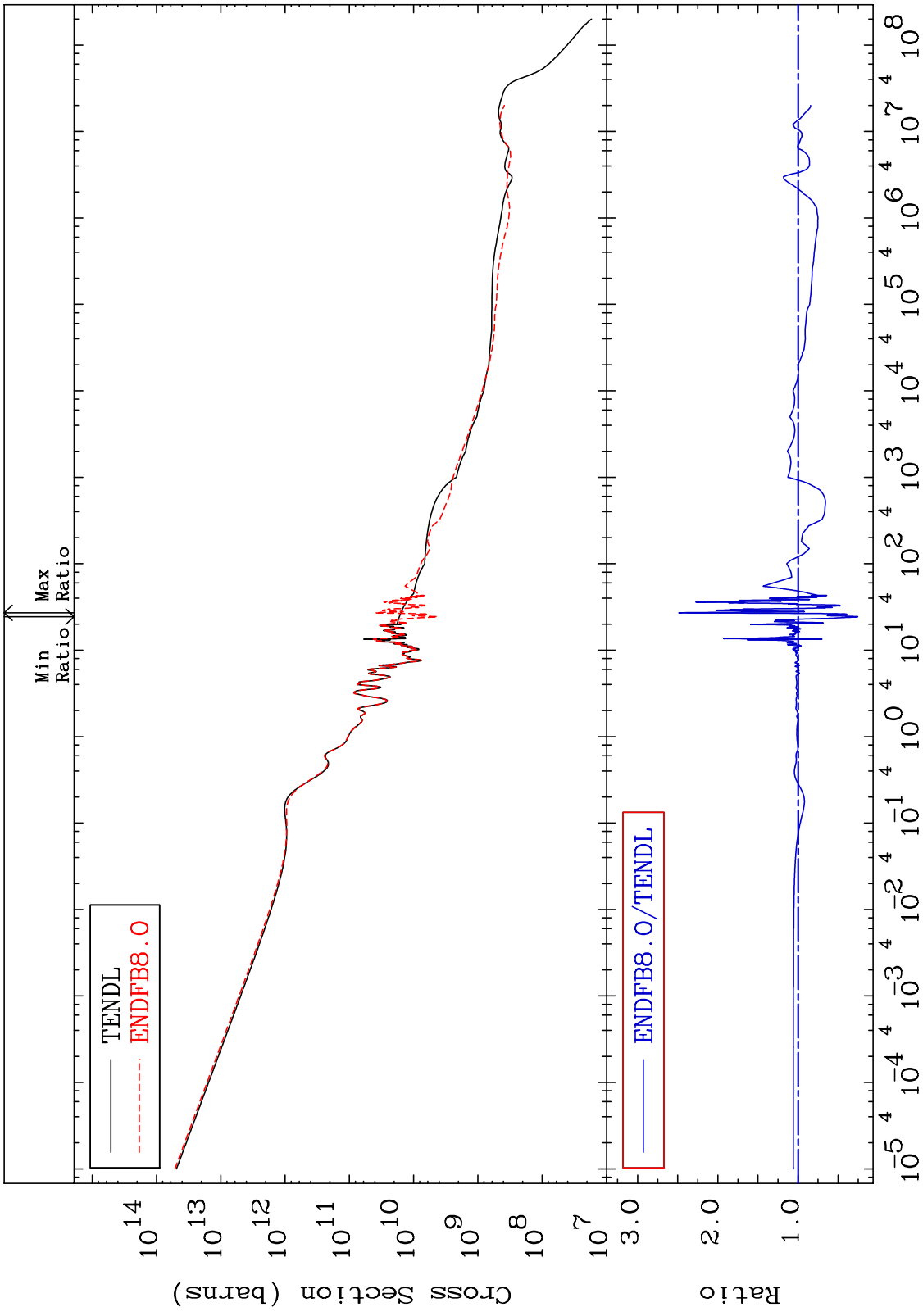
MAT 9547

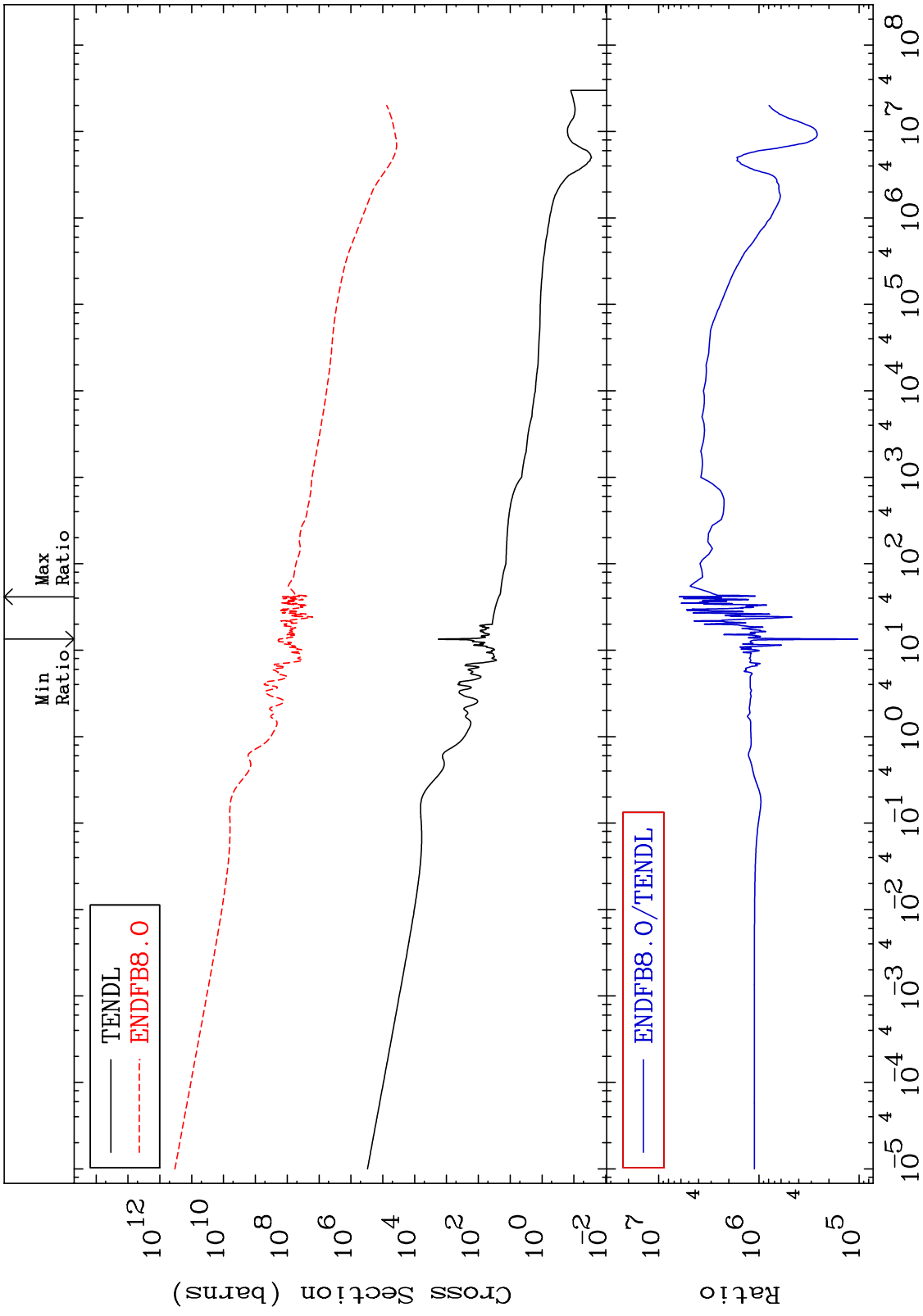
Kerma inelastic (mt51-91)  
Cross Section

95-Am-242  
-100.0 To 9451. %



MAT 9547 Kerma fission (mt18 or mt19-20-21-38) 95-Am-242  
 Cross Section -74.60 To 148.4 %

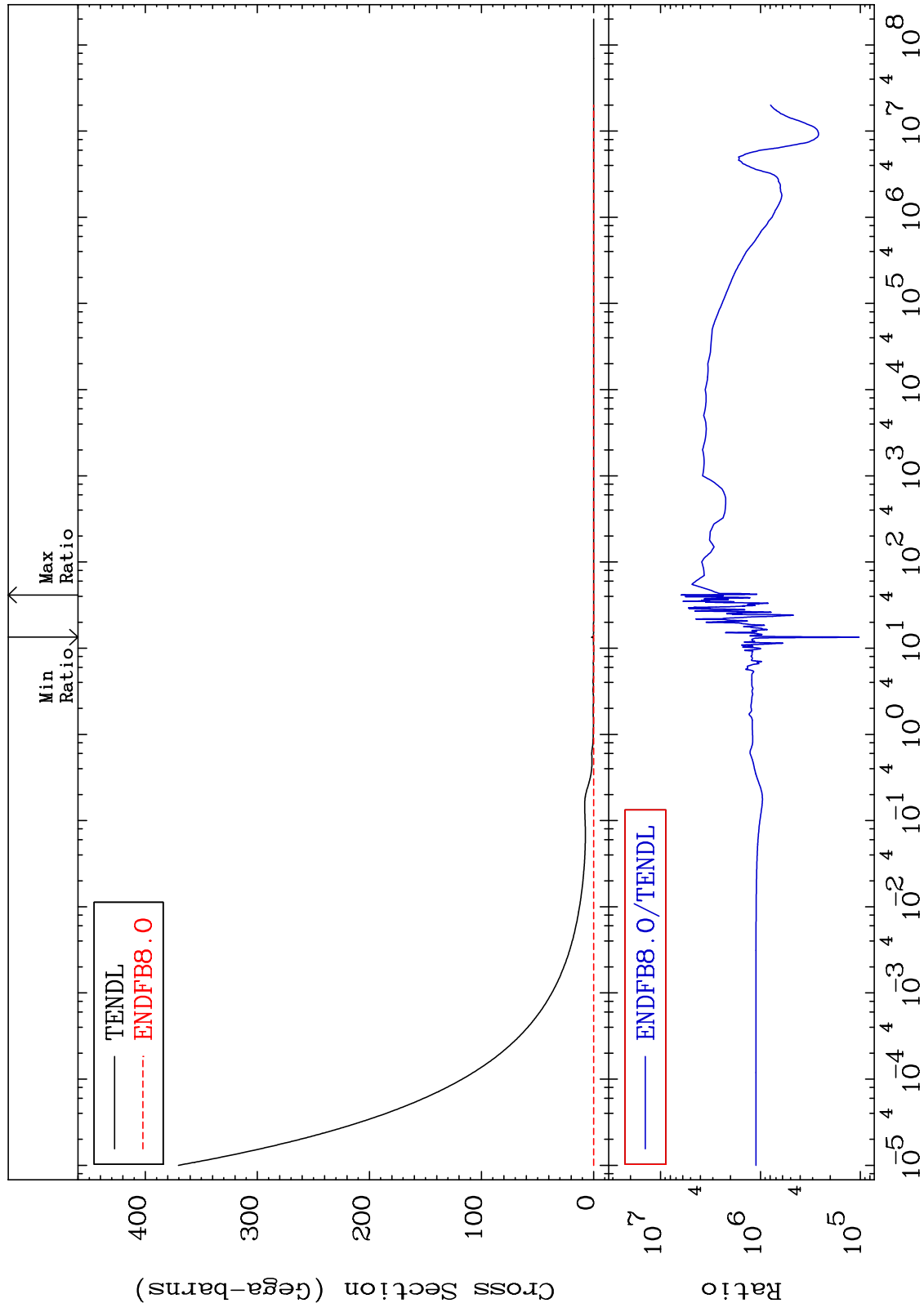




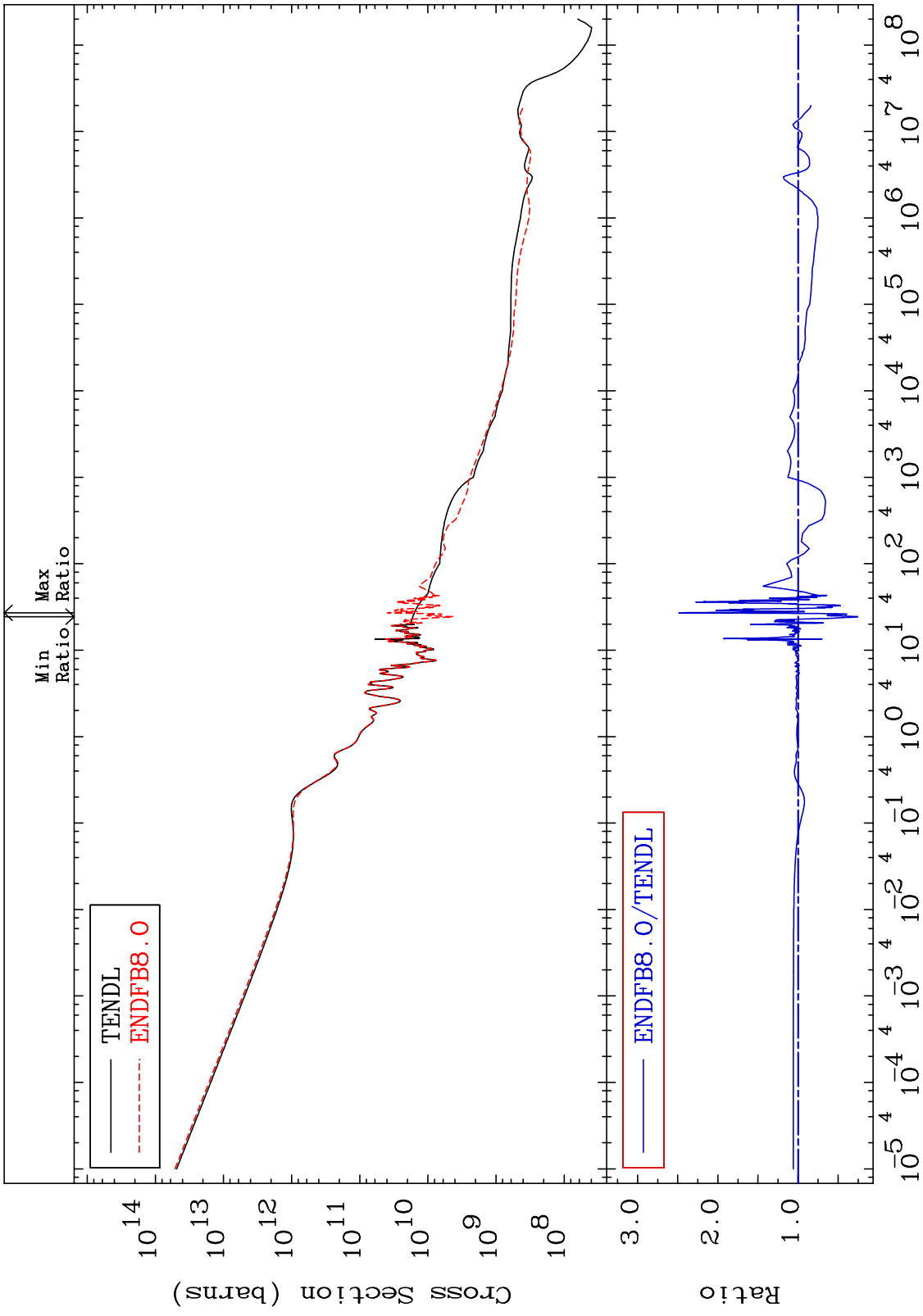
MAT 9547

Total photon (eV-barns)  
Cross Section

95-Am-242  
9999. To 9999. %



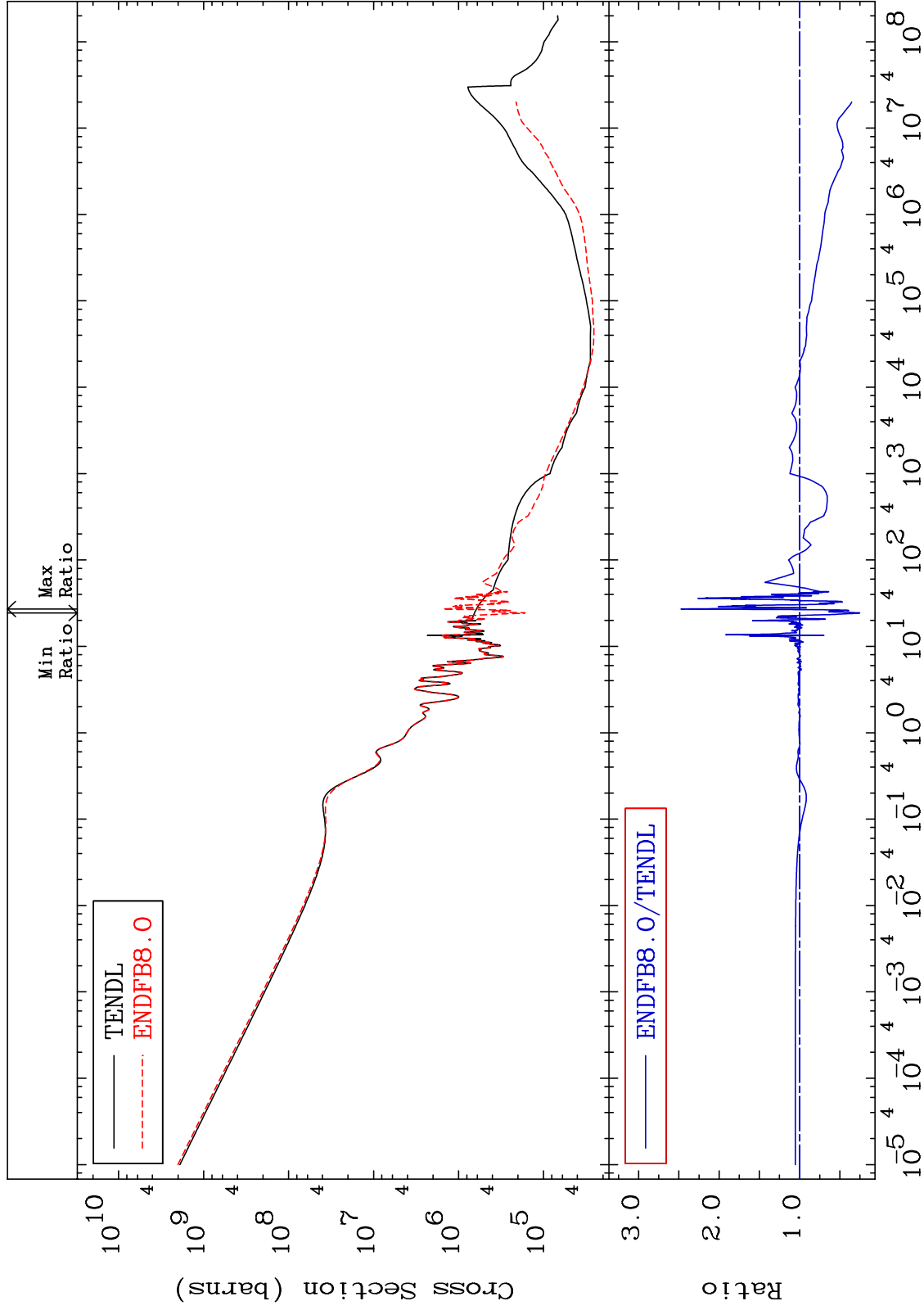
MAT 9547 Total kinematic kerma (high limit) 95-Am-242  
Cross Section -74.60 To 148.4 %



MAT 9547

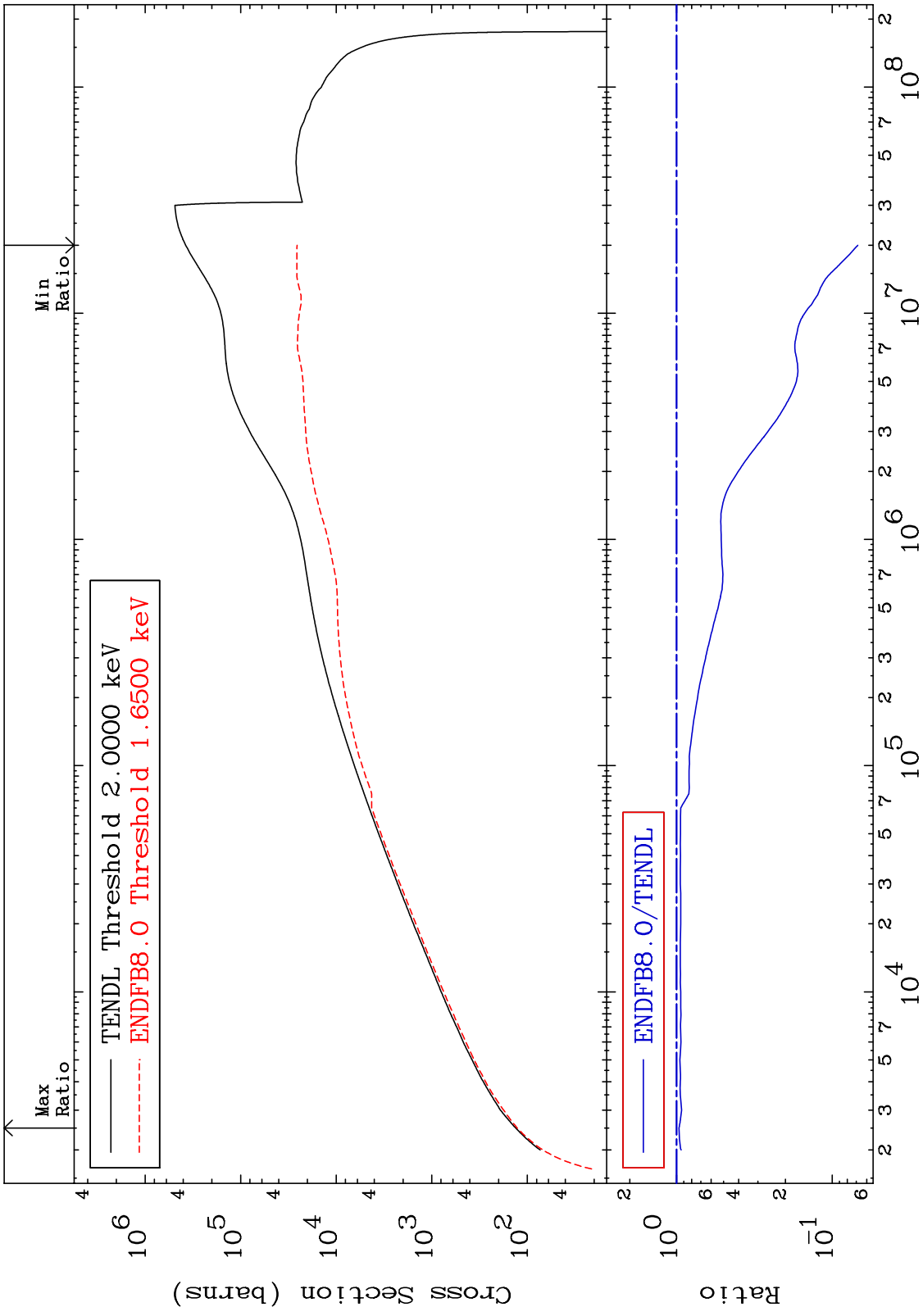
Dpa total (eV-barns)  
Cross Section

95-Am-242  
-74.73 To 147.1 %





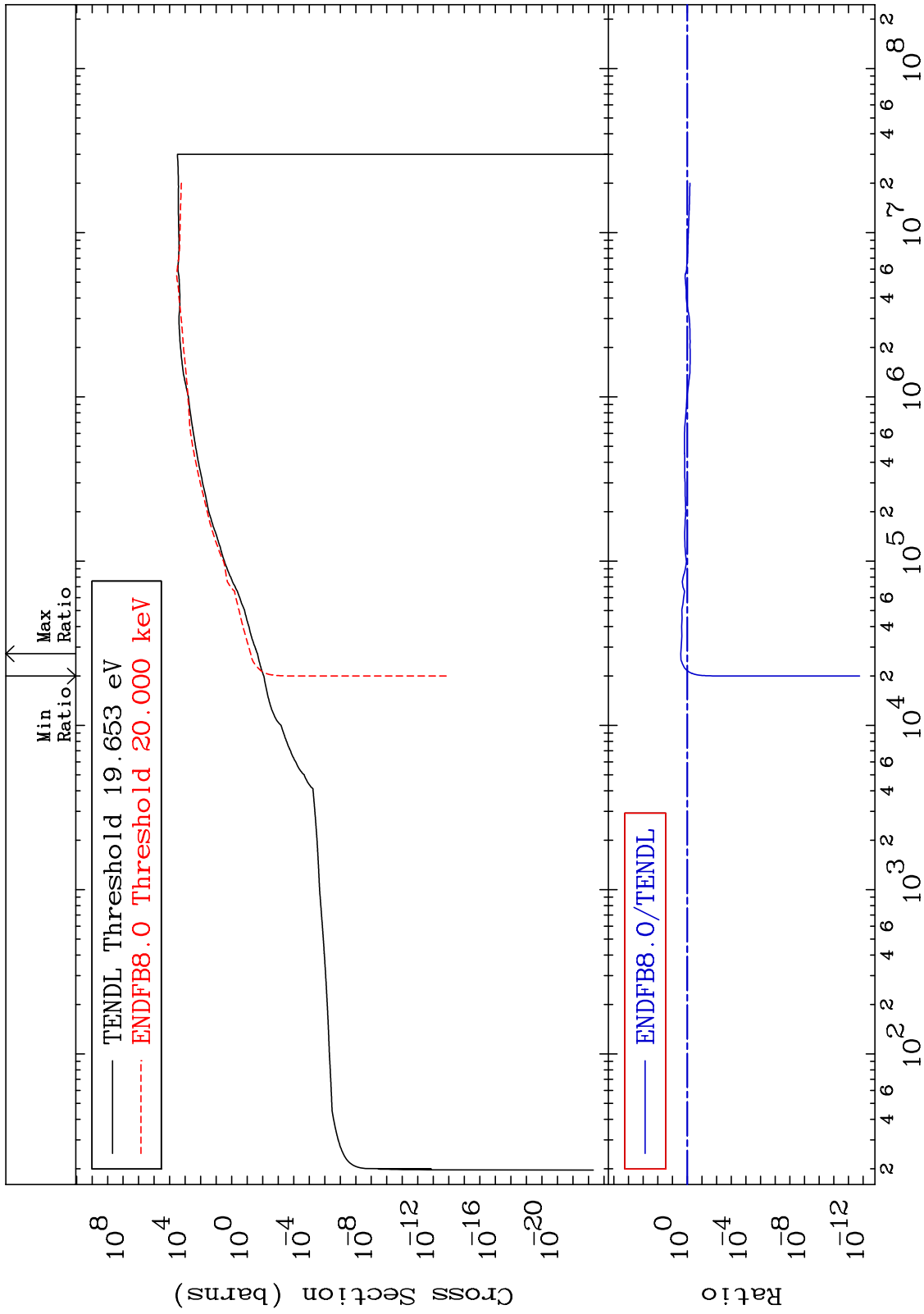
MAT 9547 95-Am-242  
 Dpa elastic (mt2) -93.16 To -3.499%  
 Cross Section



MAT 9547

Dpa inelastic (mt51-91)  
Cross Section

95-Am-242  
-100.0 To 172.7 %



MAT 9547      Dpa disappearance (mt102 -120)      95-Am-242  
 Cross Section      -92.84 To 9999. %

