

Program Complot  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

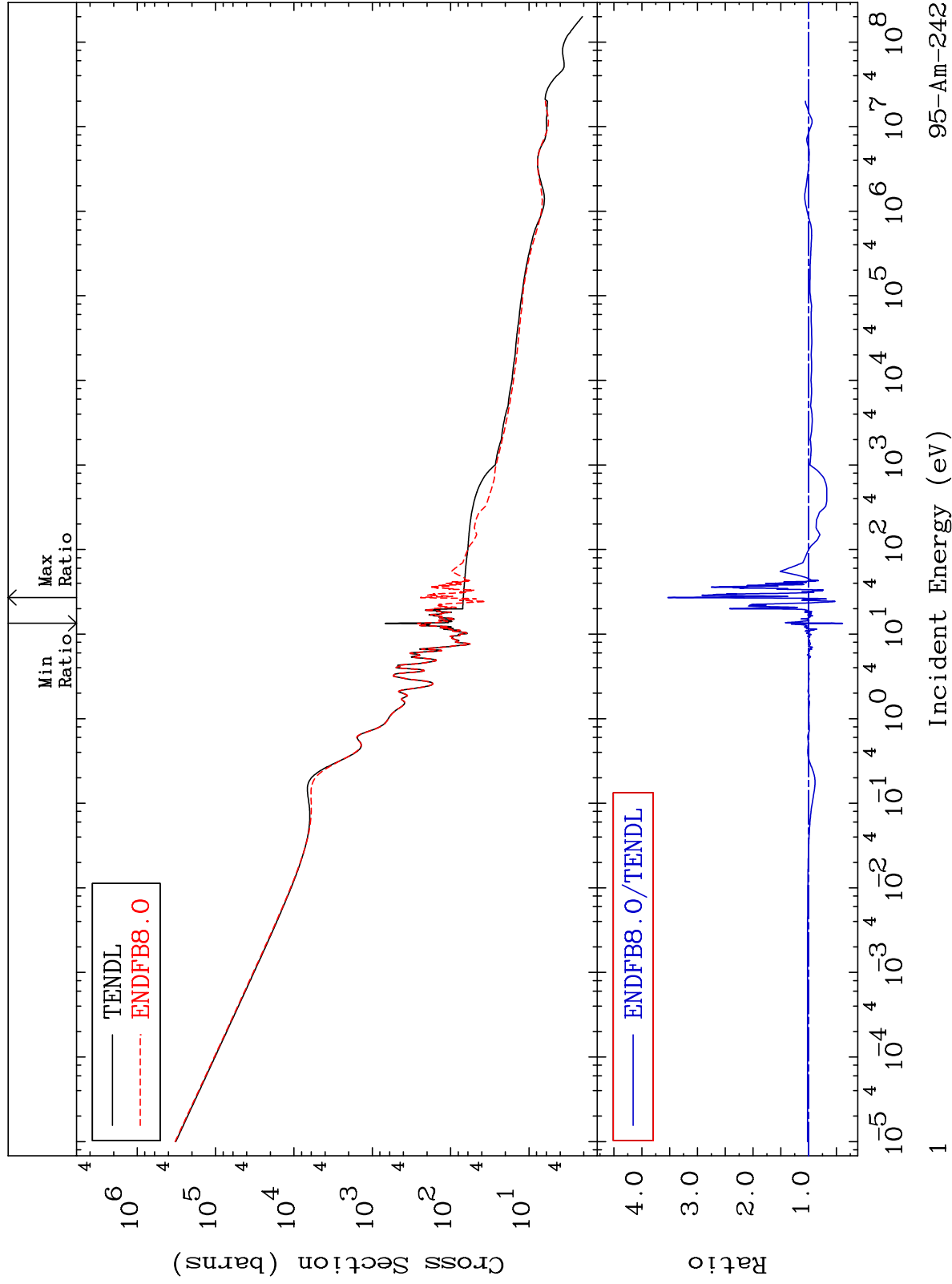
MAT 9547

Total

95-Am-242

Cross Section

-61.49 To 252.8 %



95-Am-242

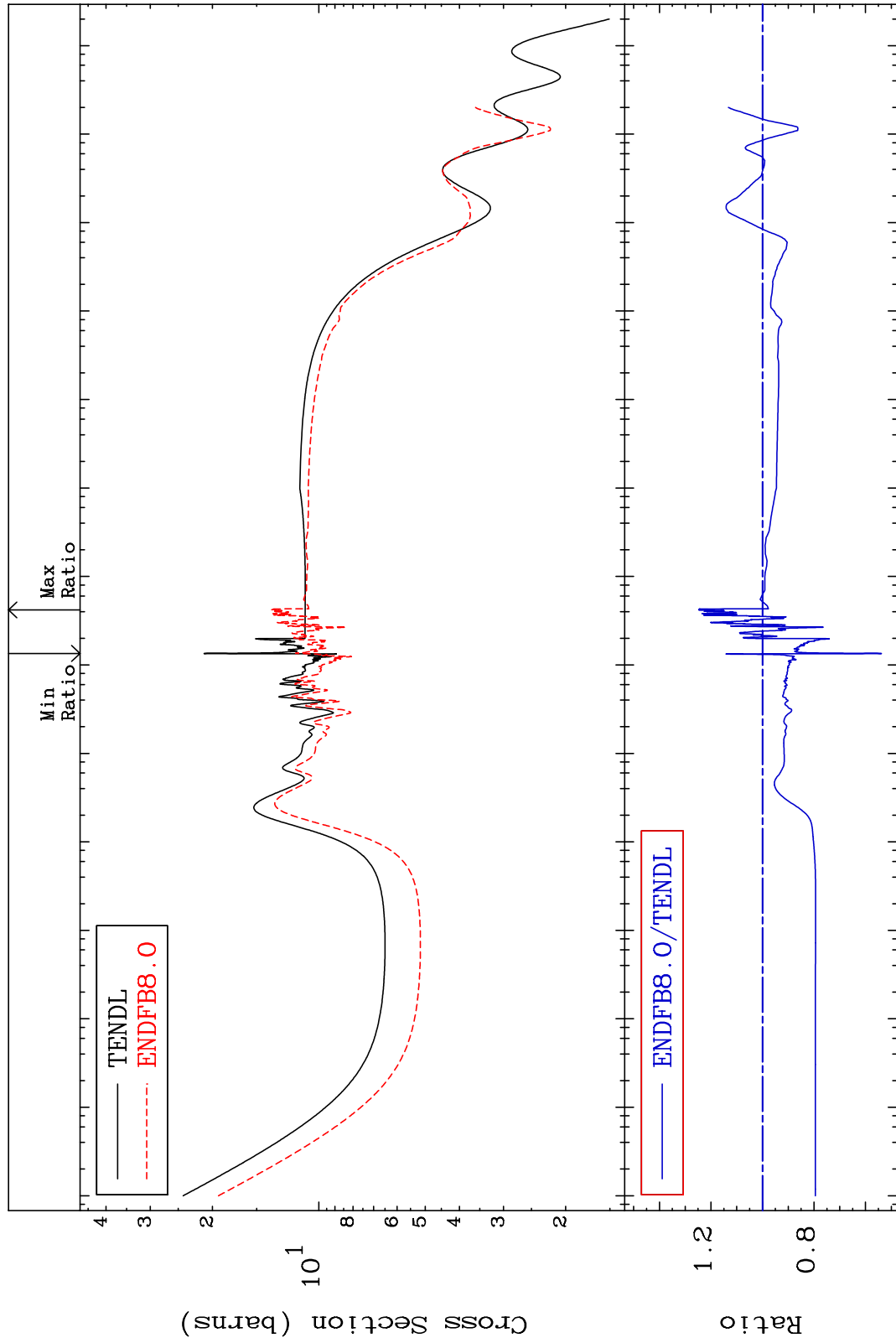
MAT 9547

Elastic

95-Am-242

Cross Section

-46.23 To 24.75 %



Incident Energy (eV)

95-Am-242

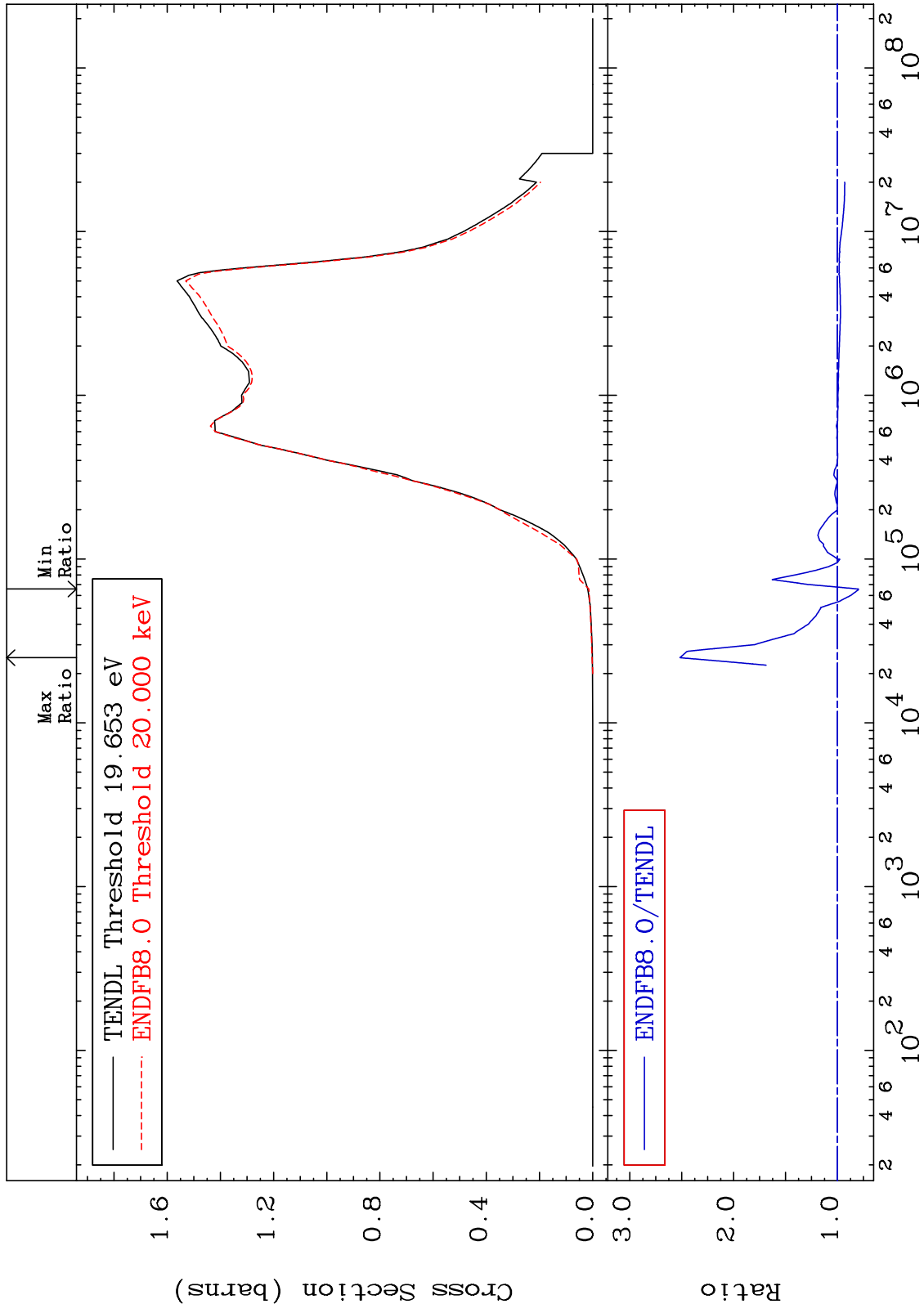
2

MAT 9547

Inelastic  
Cross Section

95-Am-242

-20.16 To 151.6 %



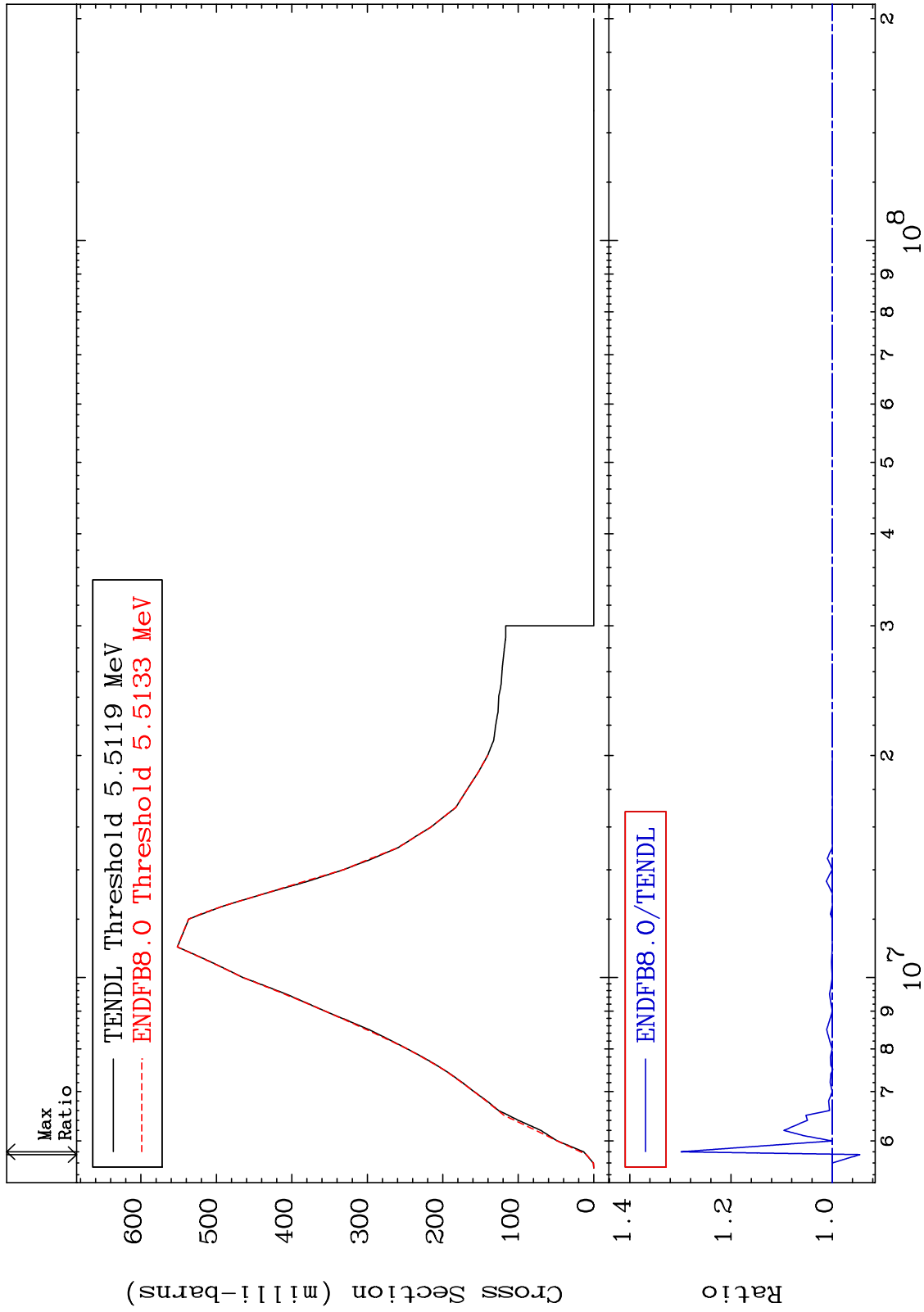
MAT 9547

(n,2n)

95-Am-242

Cross Section

-5.461 To 29.83 %



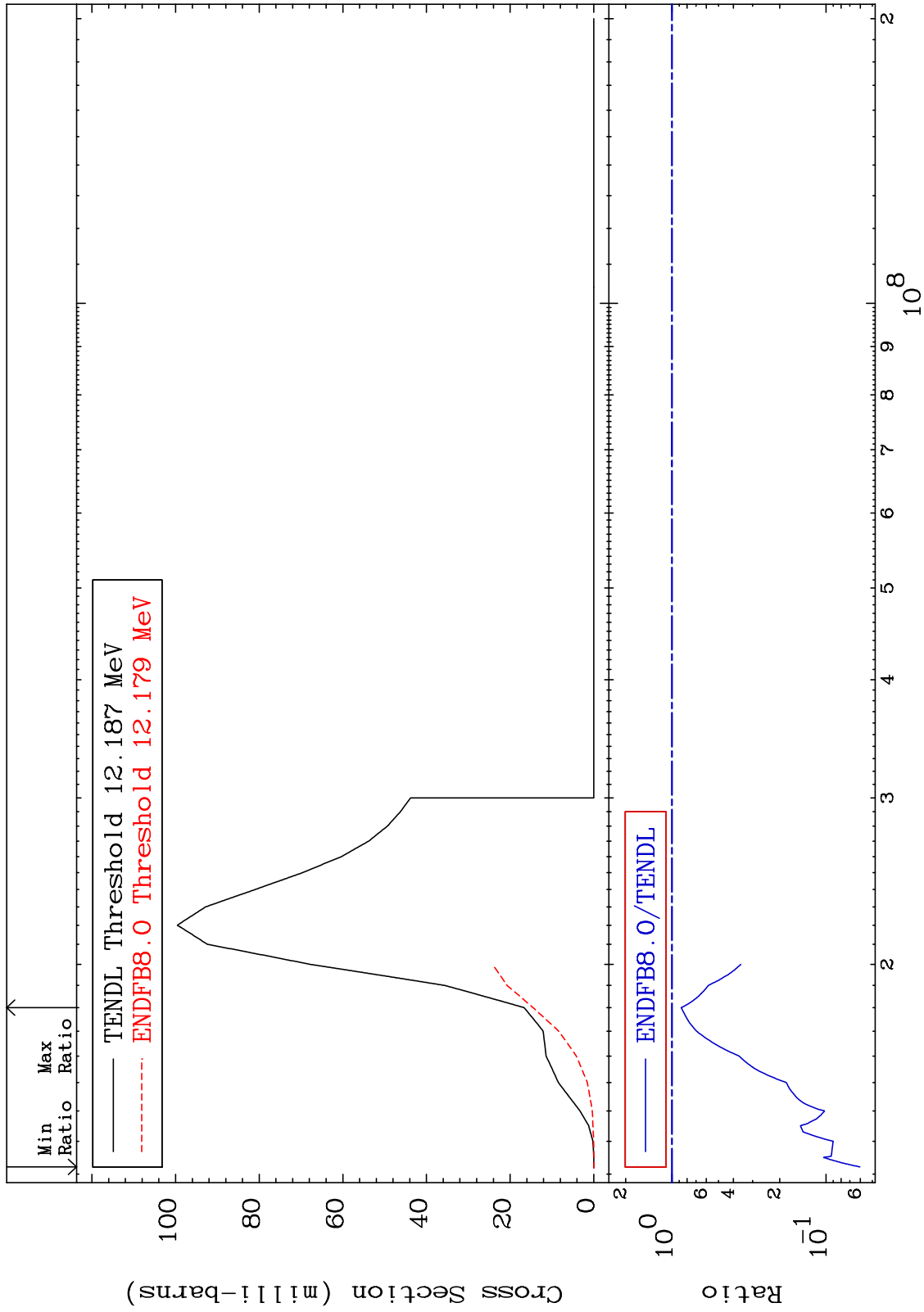
MAT 9547

(n, 3n)

95-Am-242

Cross Section

-93.97 To -12.78%



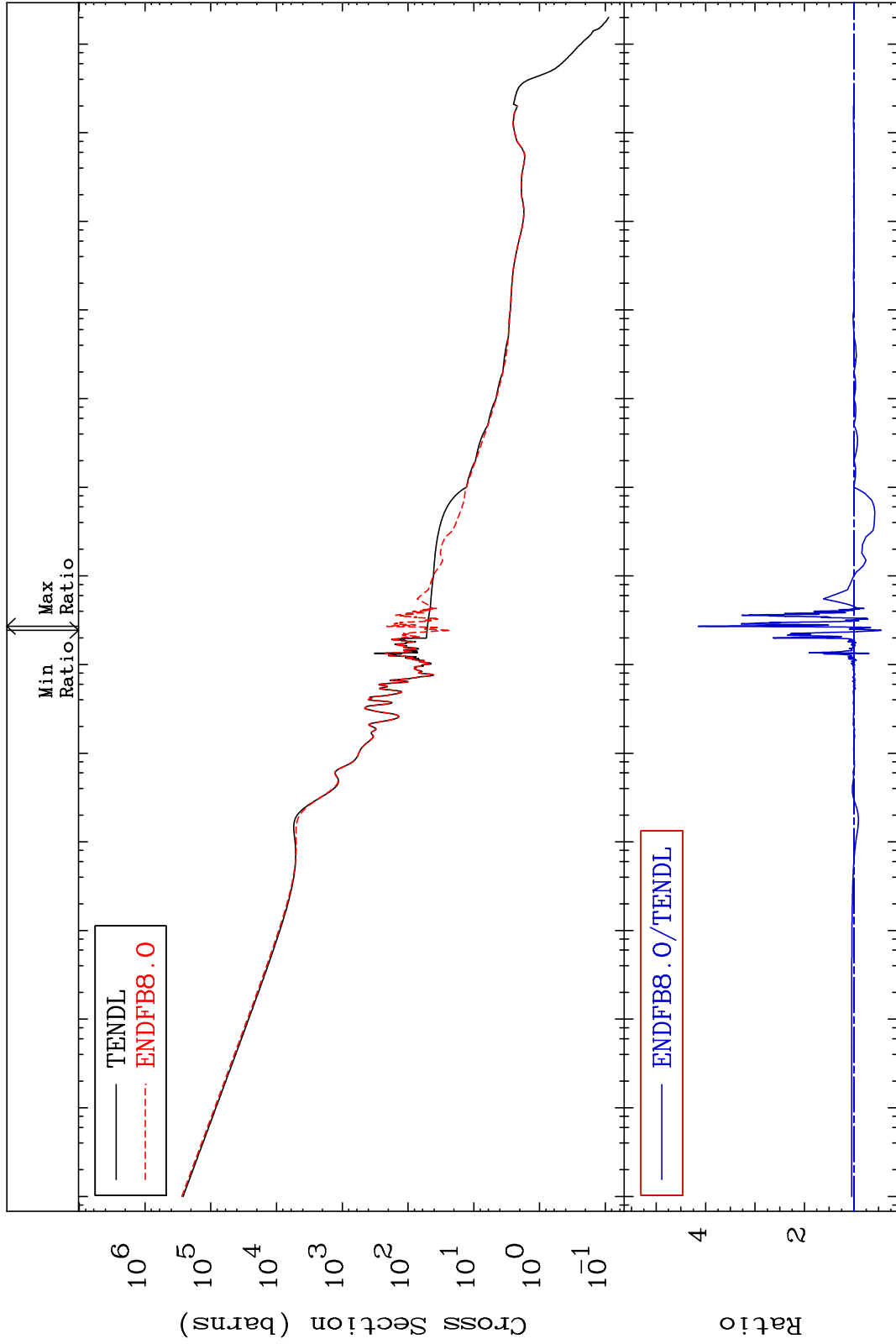
MAT 9547

Fission

95-Am-242

Cross Section

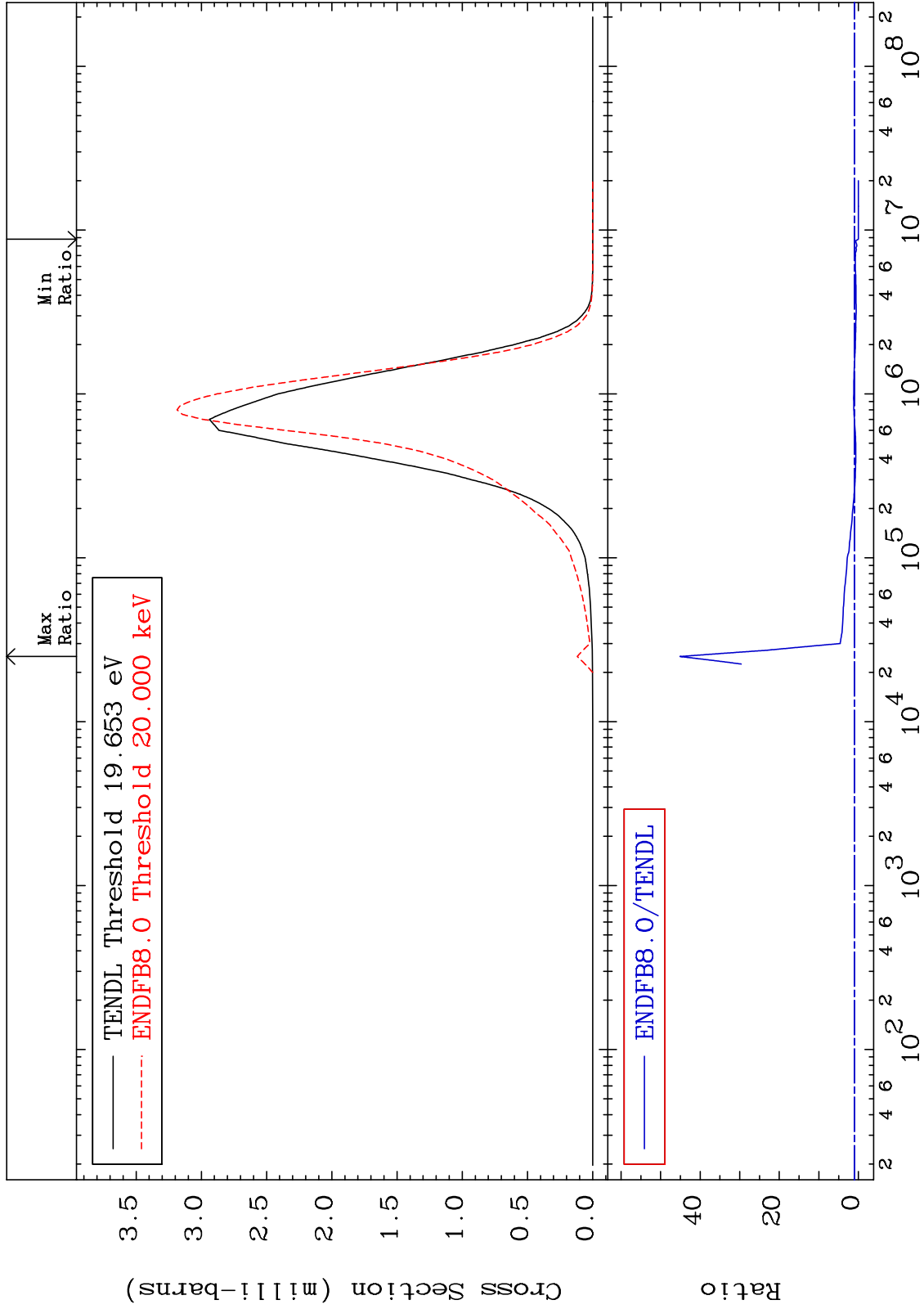
-55.93 To 314.7 %



MAT 9547

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

95-Am-242  
-100.0 To 4409. %

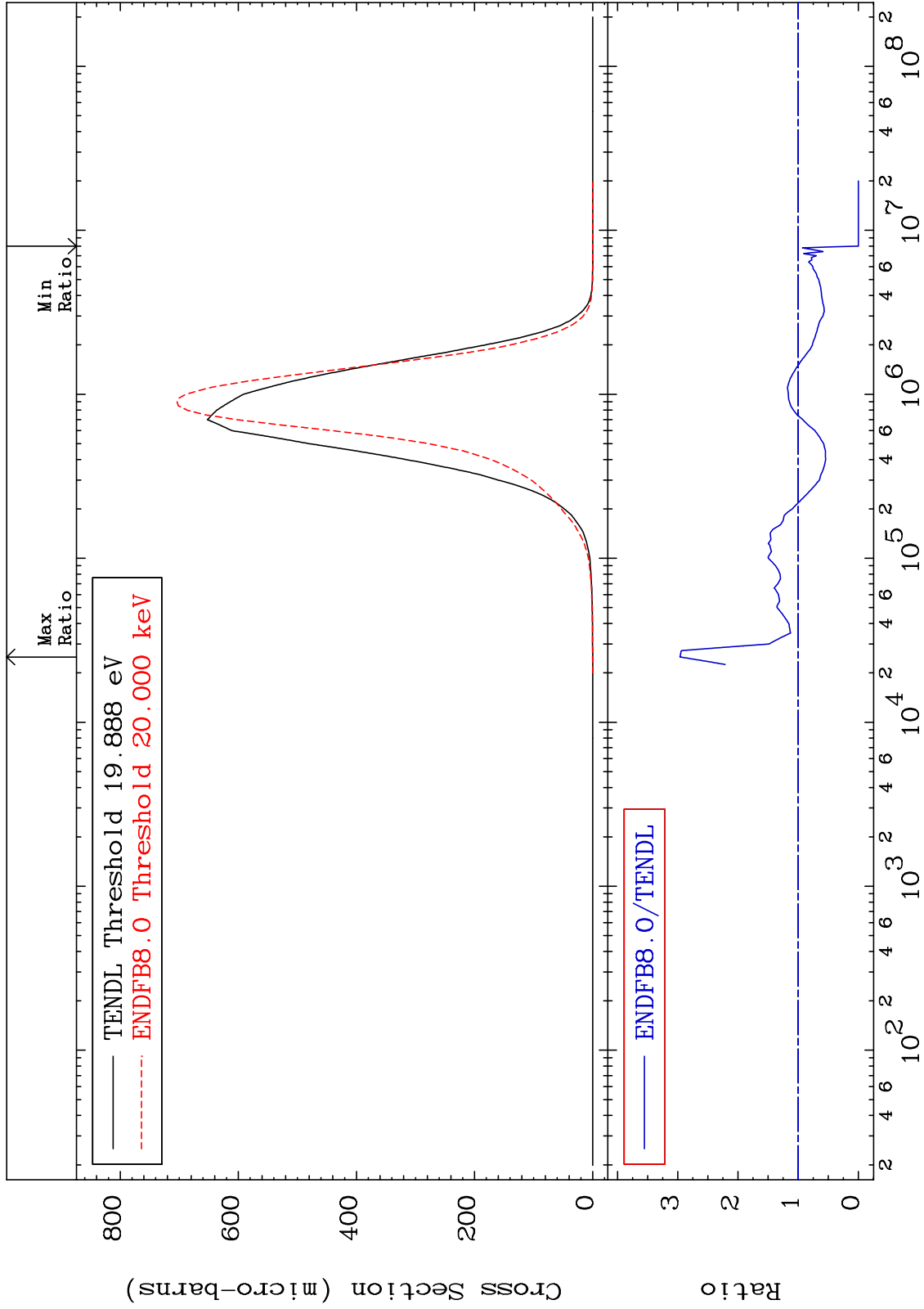




MAT 9547

MT= 52 (n,n') Level  
Cross Section

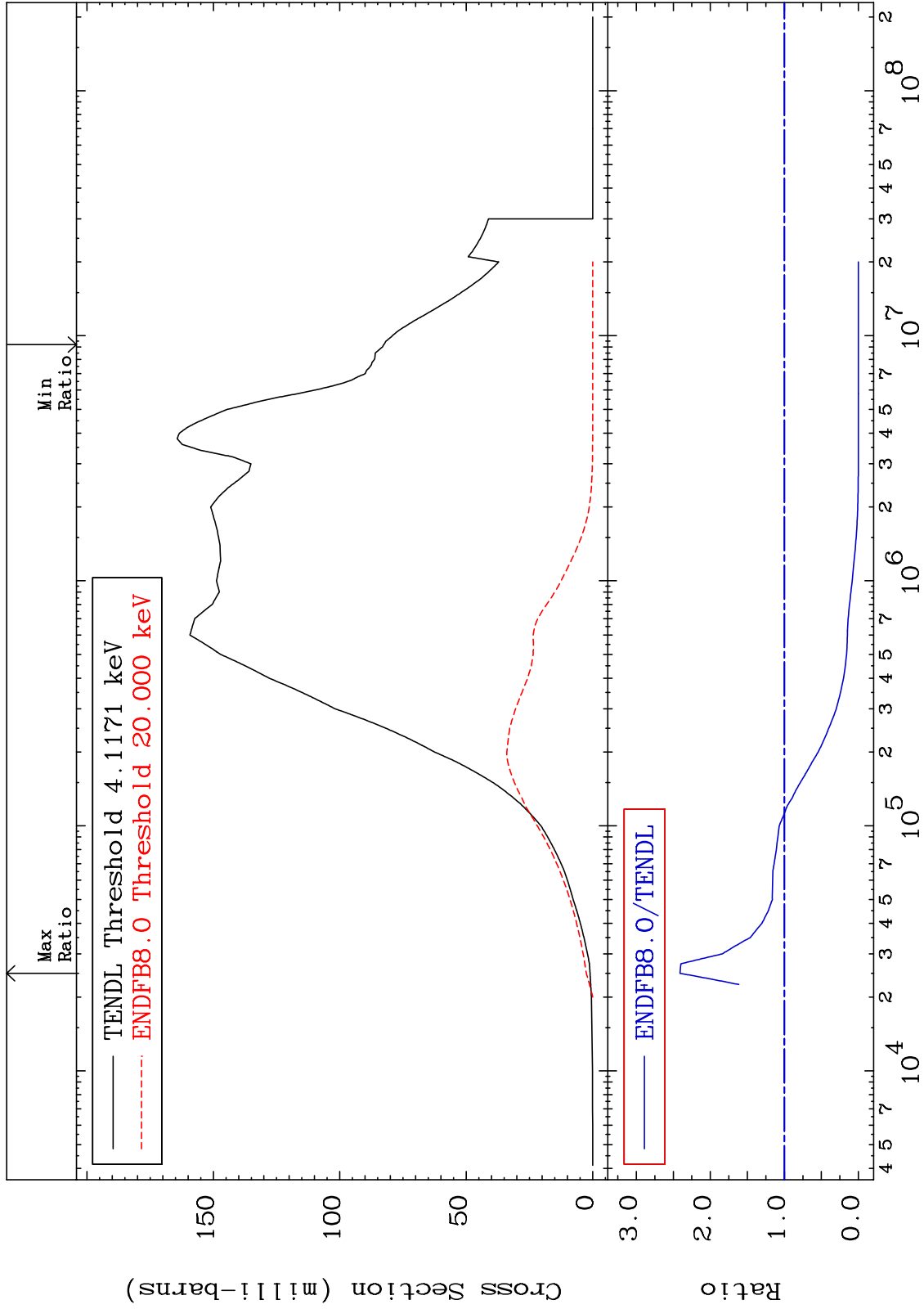
95-Am-242  
-100.0 To 196.2 %



MAT 9547

MT= 53 (n,n') Level  
Cross Section

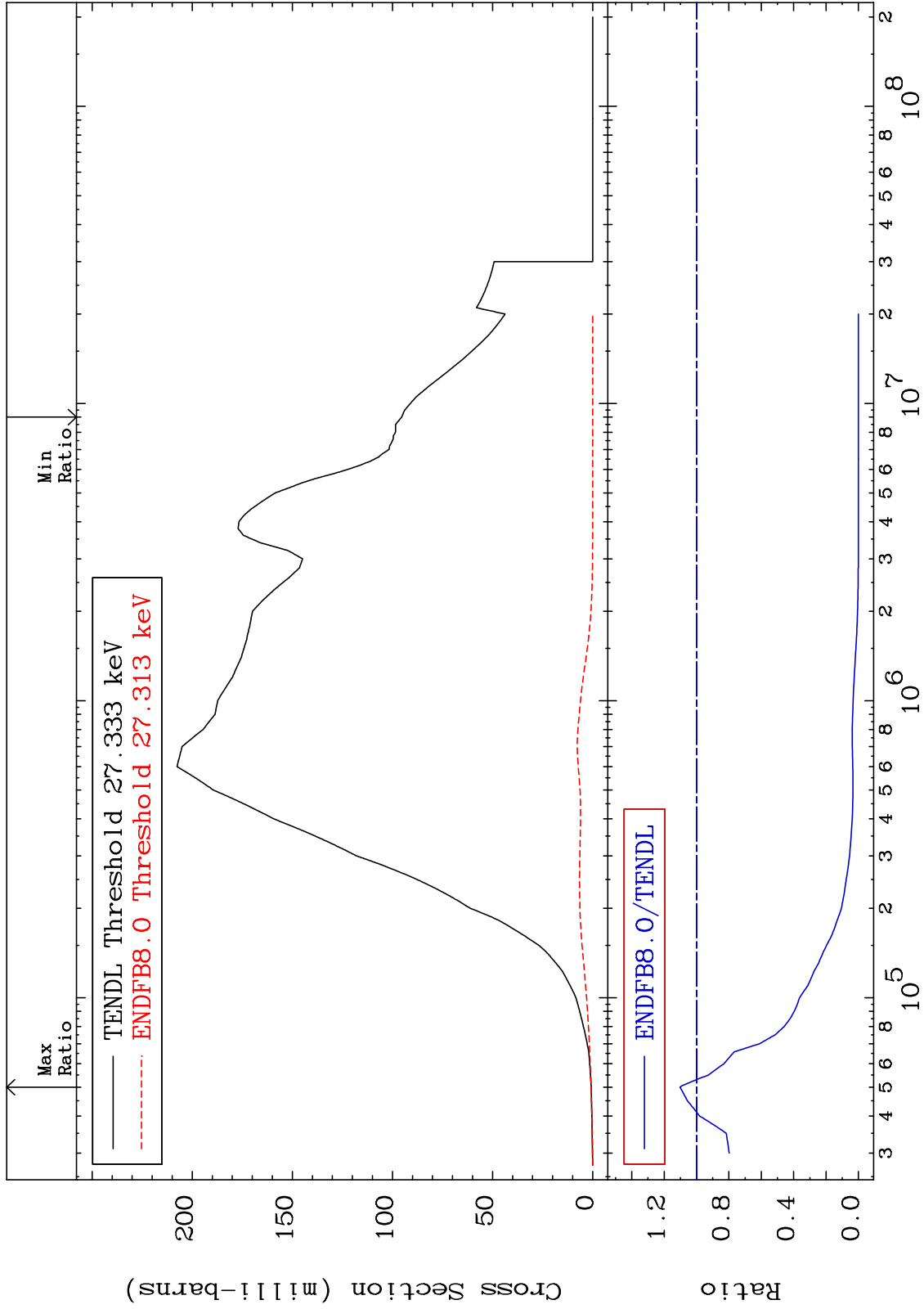
95-Am-242  
-100.0 To 140.9 %



MAT 9547

MT= 54 (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 10.19 %

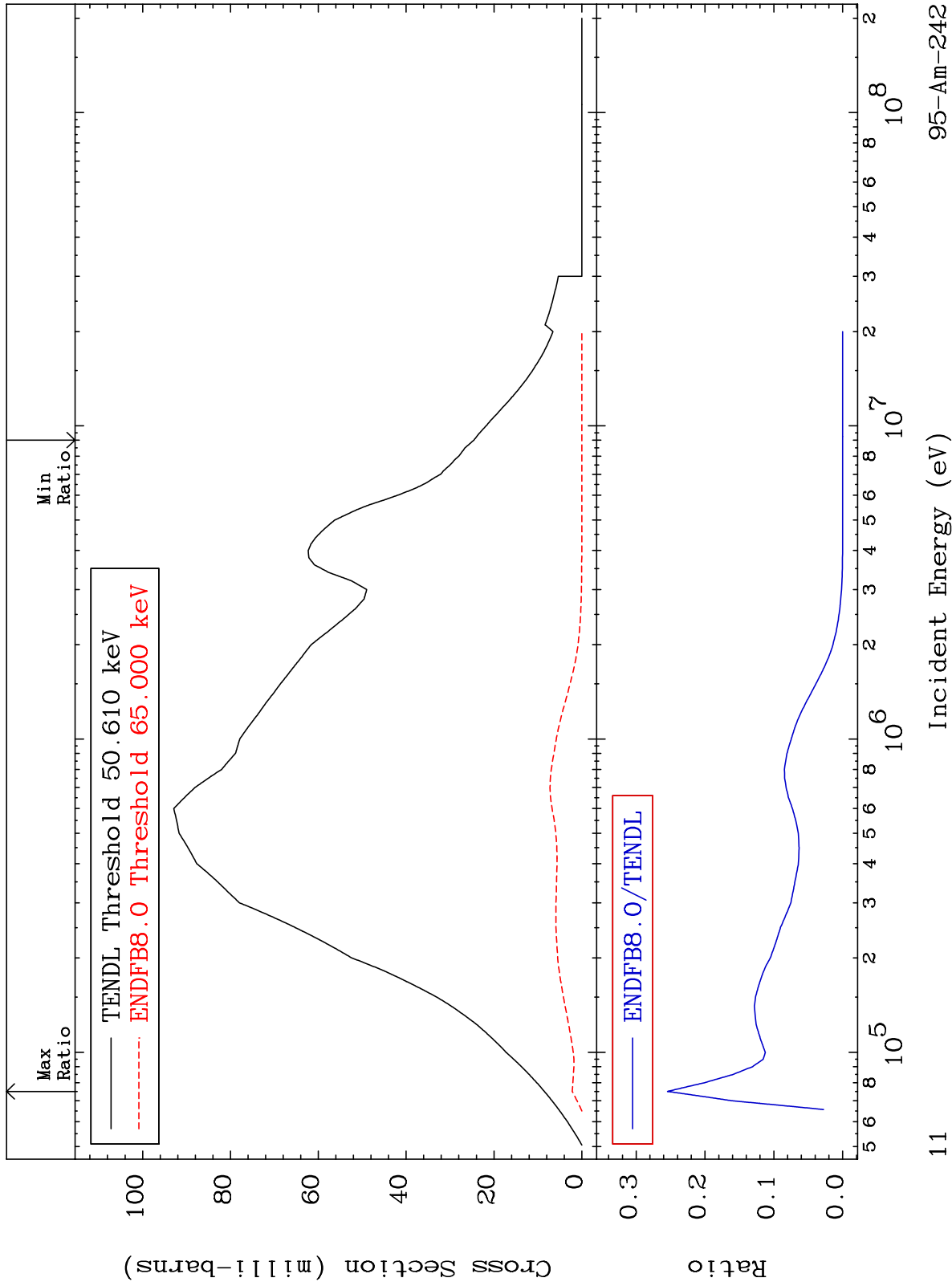


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Incident Energy (eV)

95-Am-242

MAT 9547 MT= 55 (n,n') Level Cross Section 95-Am-242  
 -100.0 To -74.56%



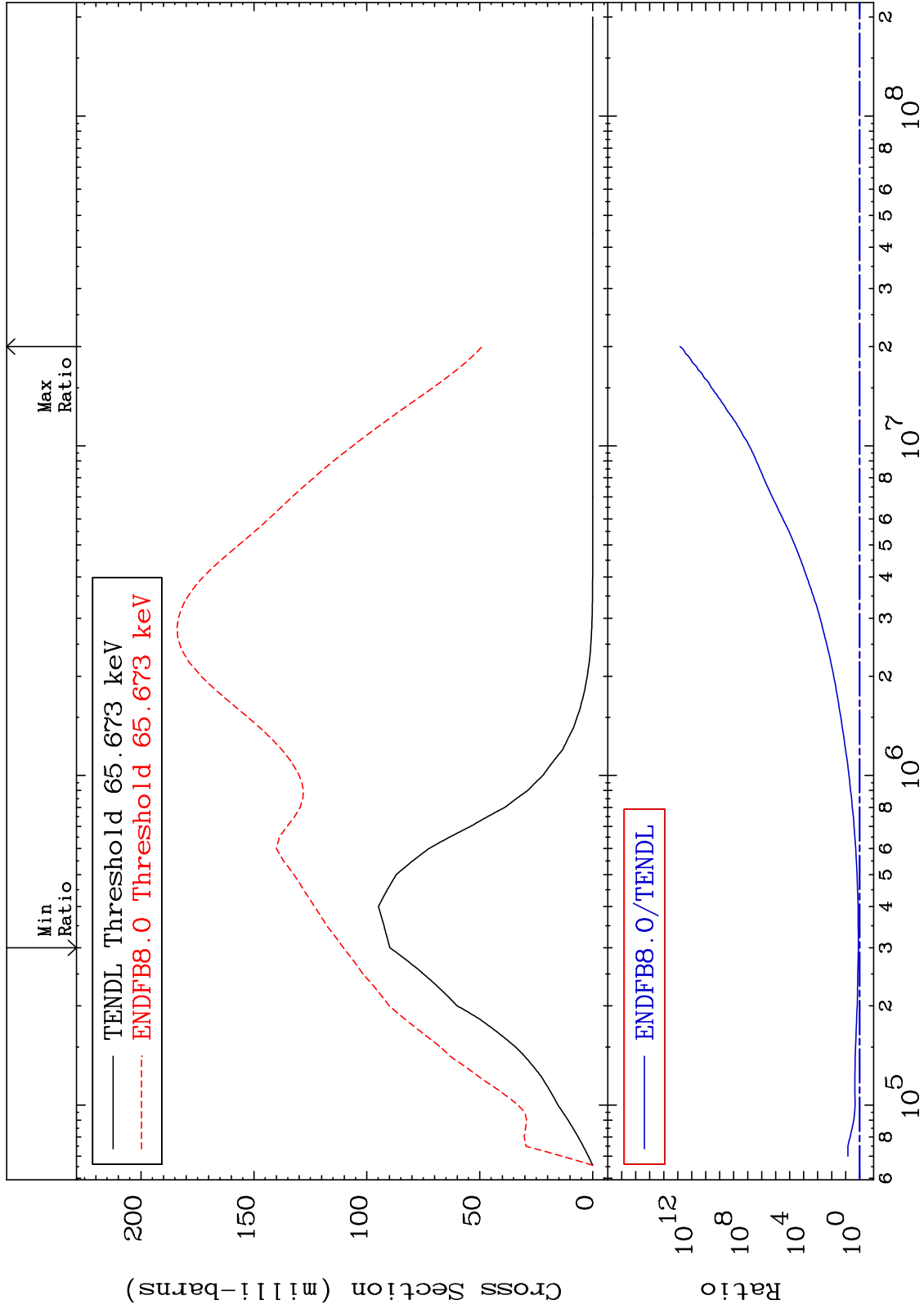
95-Am-242

Incident Energy (eV)

MAT 9547

MT= 56 (n,n') Level  
Cross Section

95-Am-242  
22.94 To 9999. %

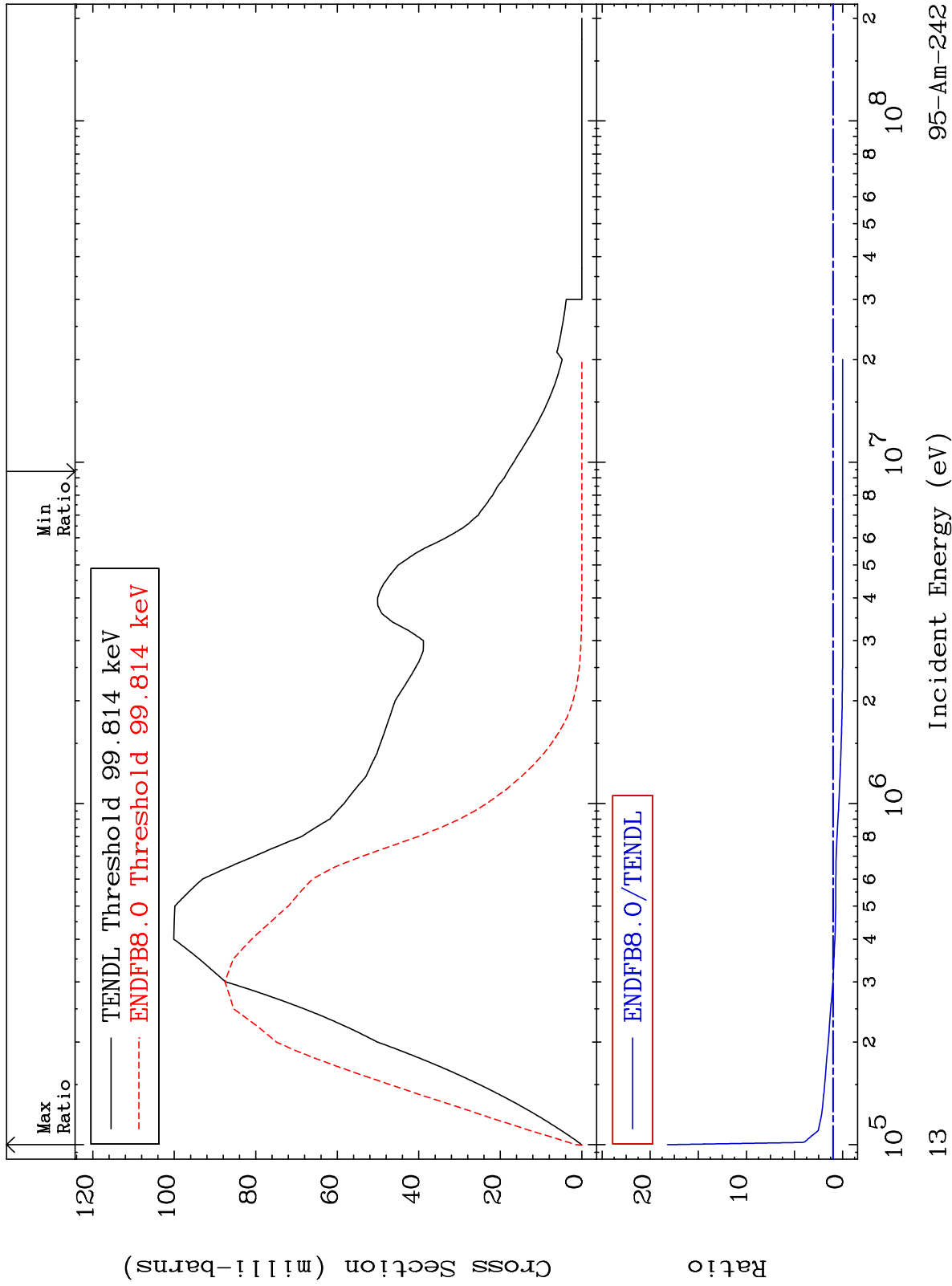


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Incident Energy (eV)

95-Am-242

MAT 9547      MT= 57 (n,n') Level      95-Am-242  
Cross Section      -100.0 To 1720. %

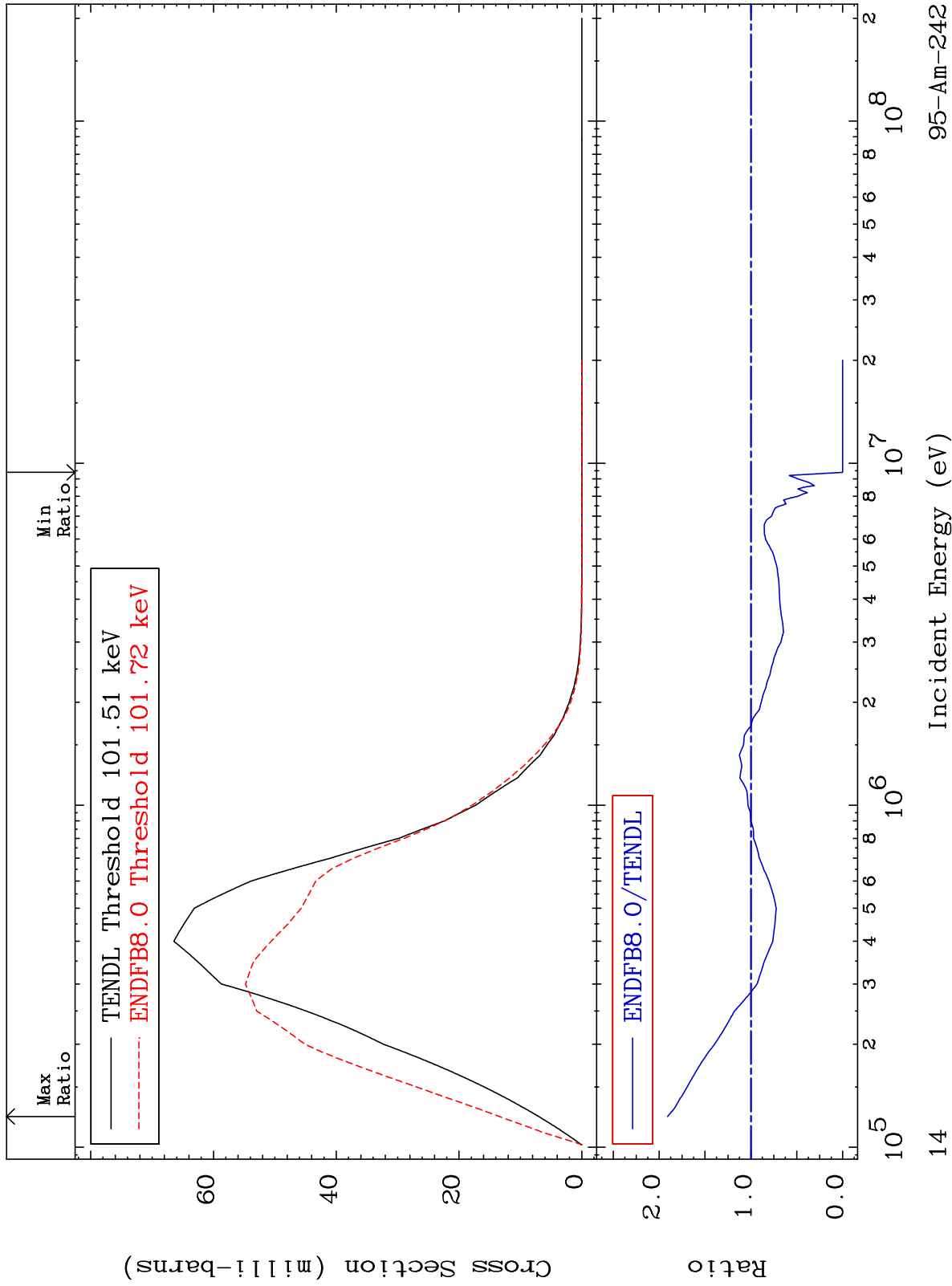


95-Am-242

Incident Energy (eV)

13

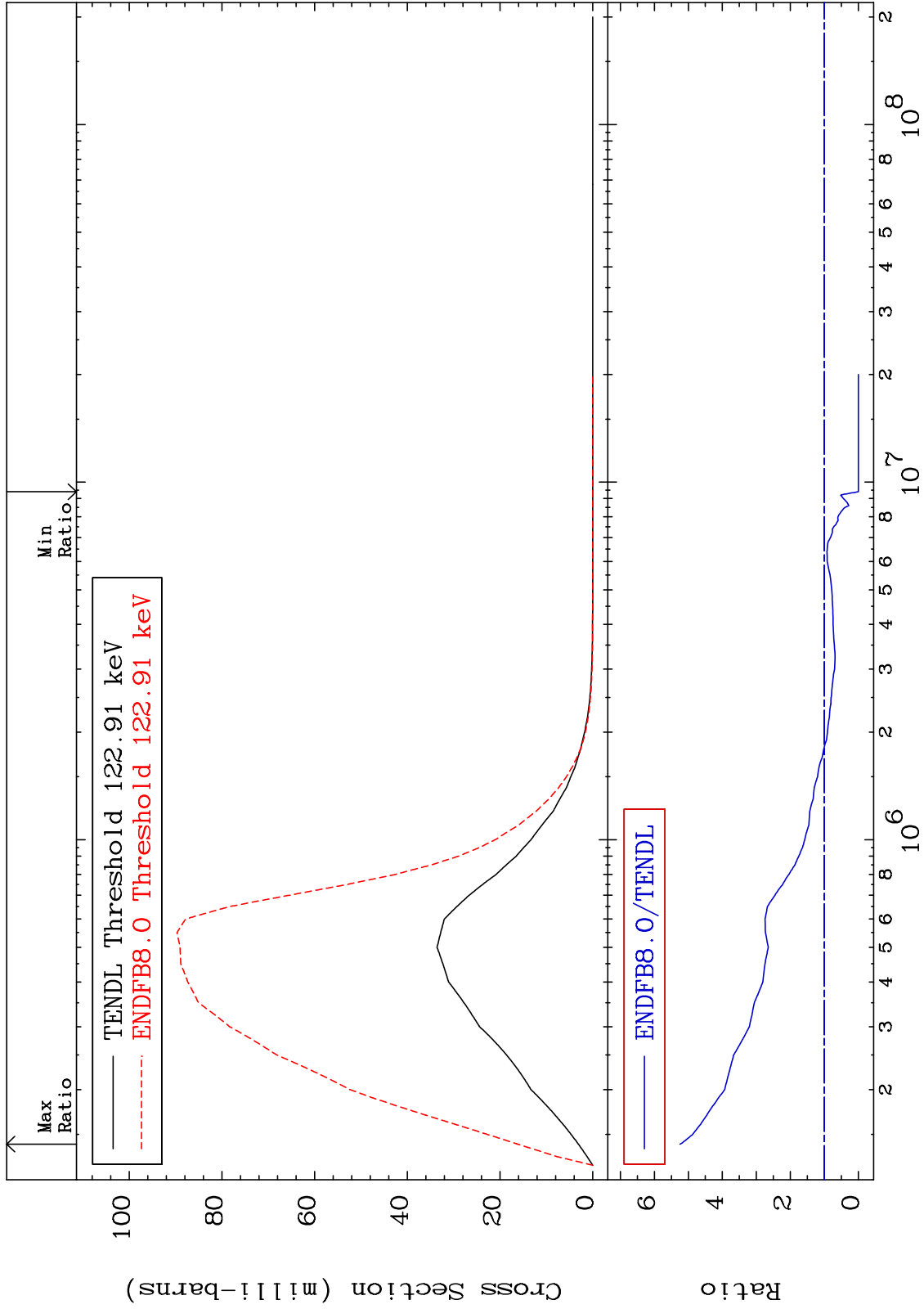
MAT 9547      MT= 58 (n,n') Level      95-Am-242  
Cross Section      -100.0 To 90.87 %



MAT 9547

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

95-Am-242  
-100.0 To 424.5 %

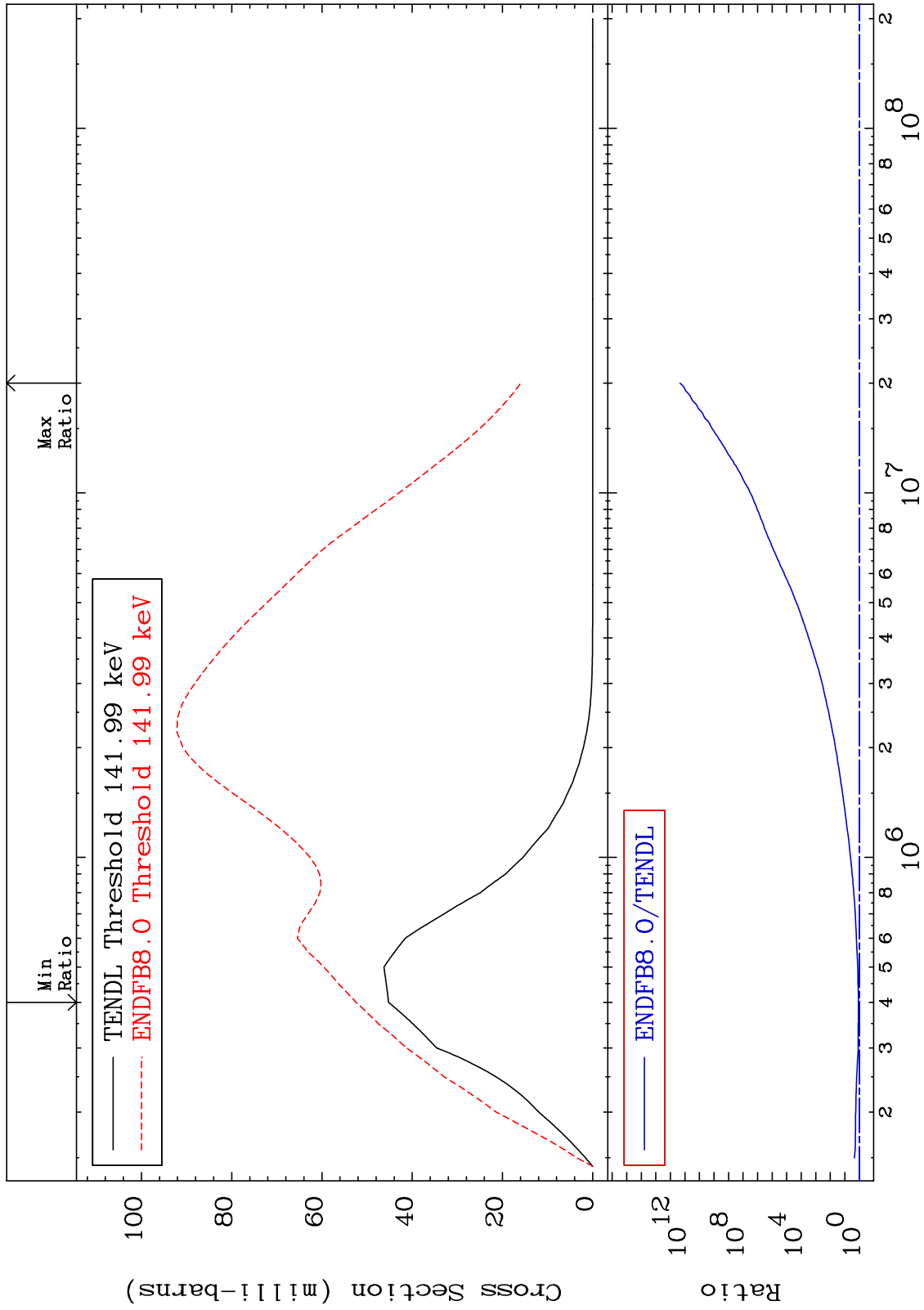




MAT 9547

MT= 60 (n,n') Level  
Cross Section

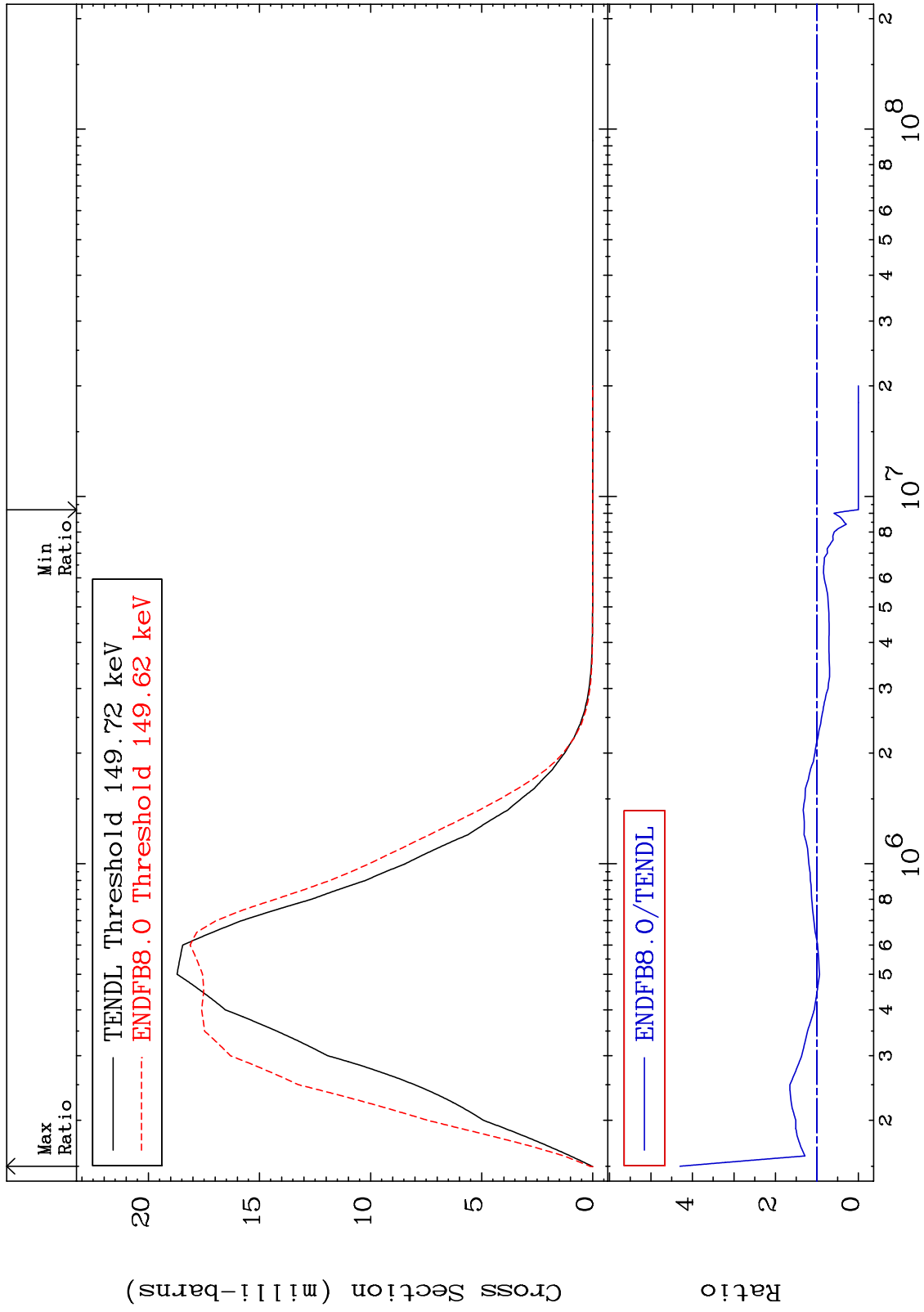
95-Am-242  
15.99 To 9999. %



MAT 9547

MT= 61 (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 330.0 %



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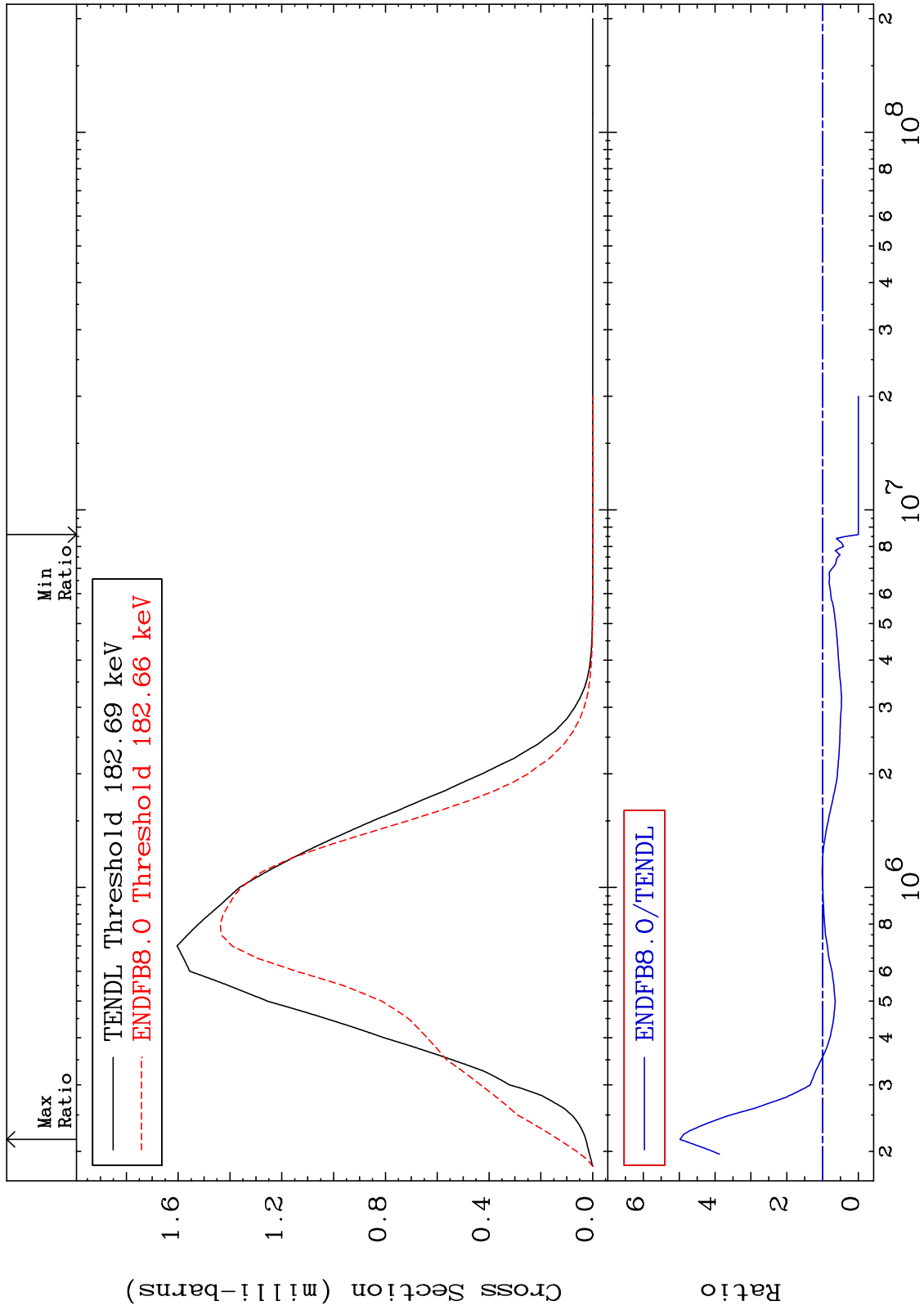
Incident Energy (eV)

95-Am-242

MAT 9547

MT= 62 (n,n') Level  
Cross Section

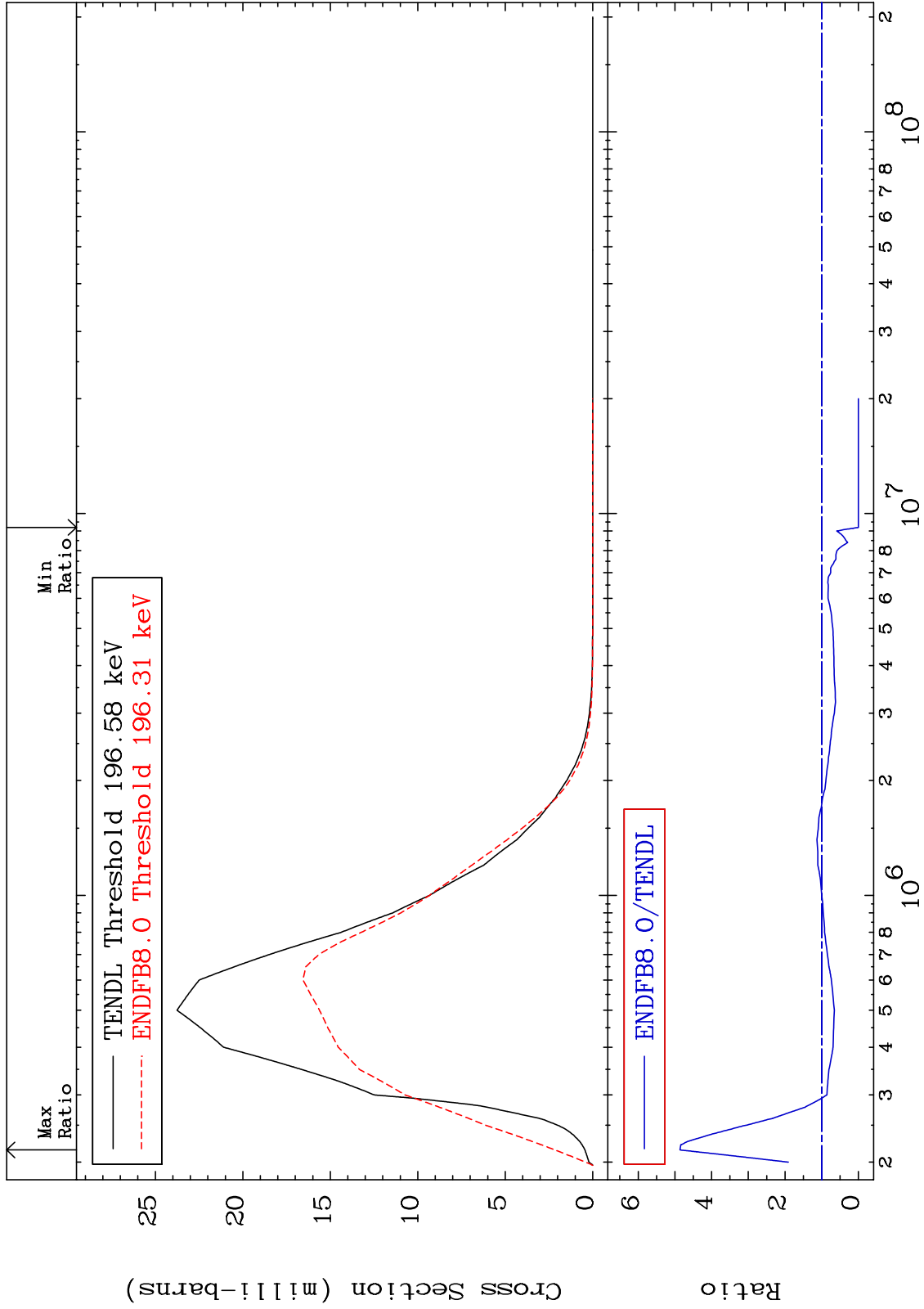
95-Am-242  
-100.0 To 397.7 %



MAT 9547

MT= 63 (n,n') Level  
Cross Section

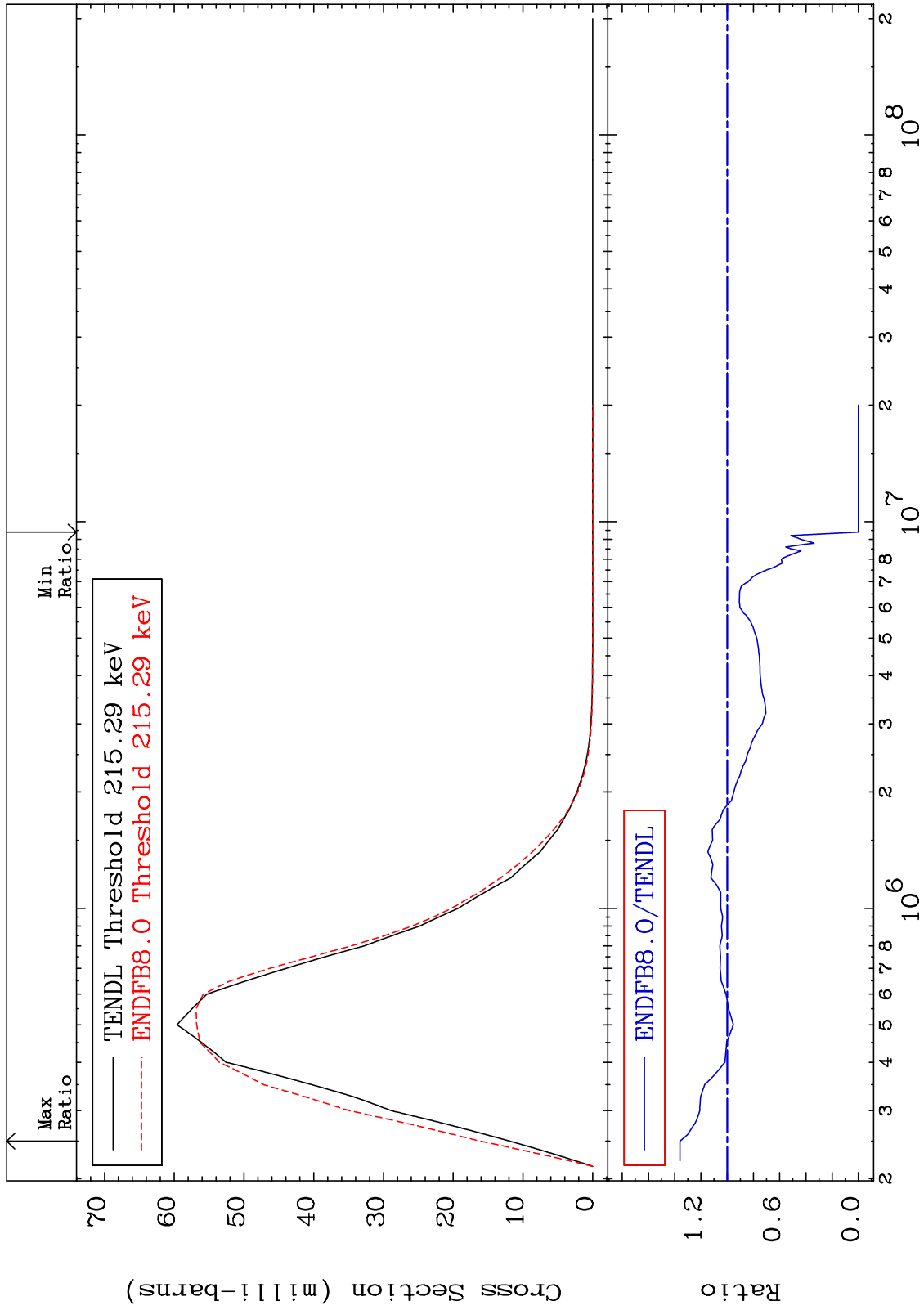
95-Am-242  
-100.0 To 386.0 %



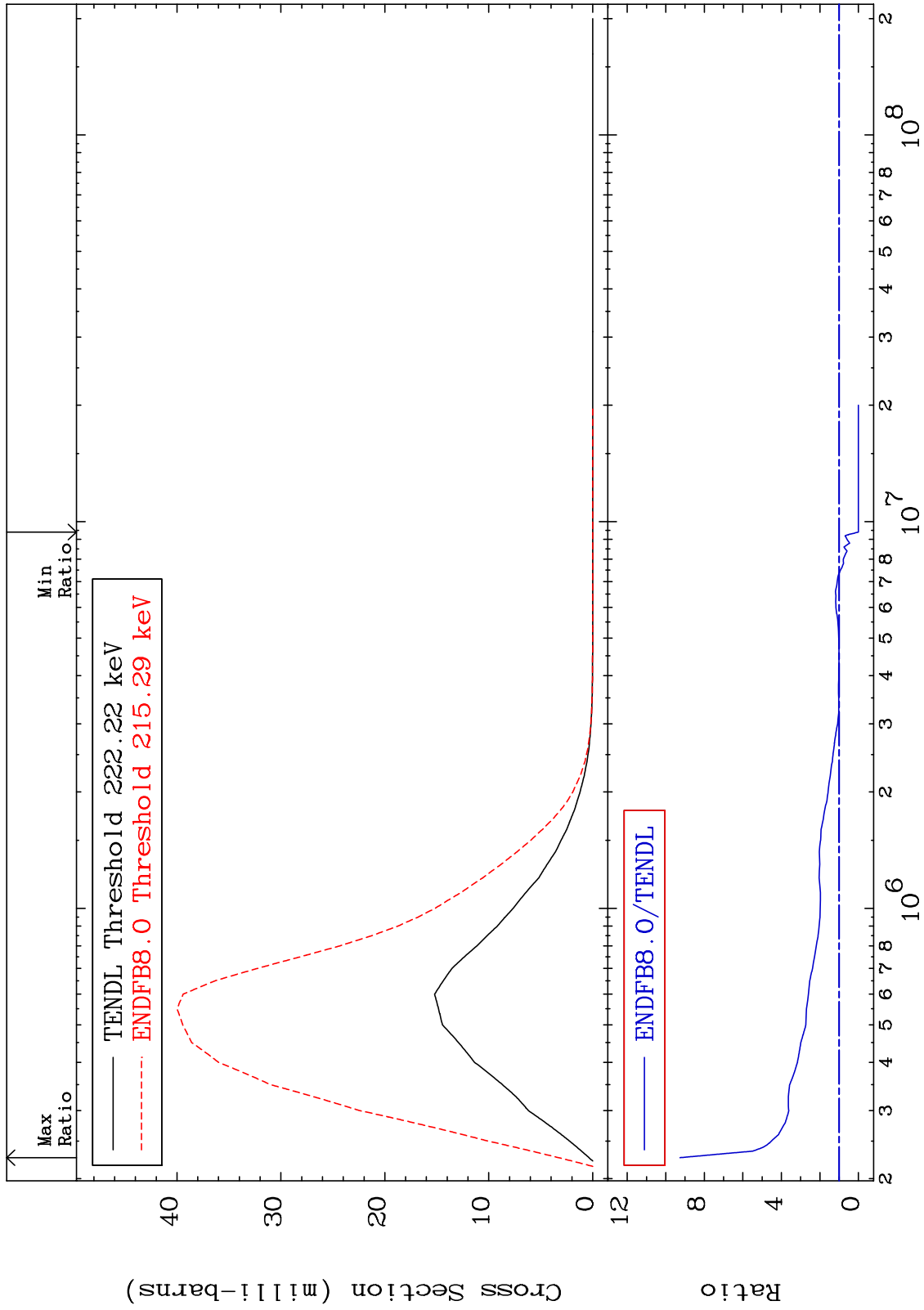
MAT 9547

MT= 64 (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 35.95 %



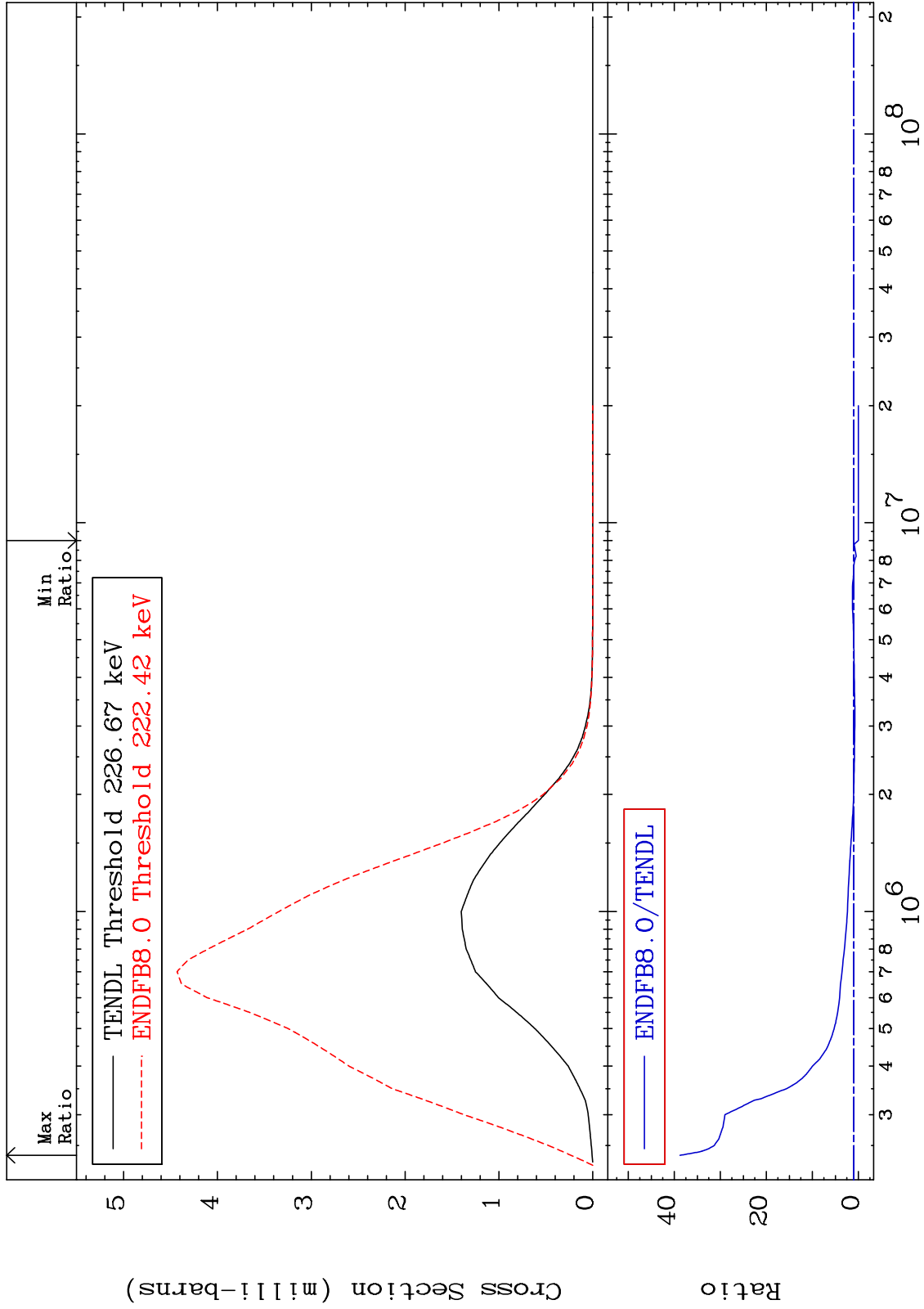
MAT 9547 MT= 65 (n,n') Level Cross Section 95-Am-242  
 -100.0 To 826.1 %



MAT 9547

MT= 66 (n,n') Level  
Cross Section

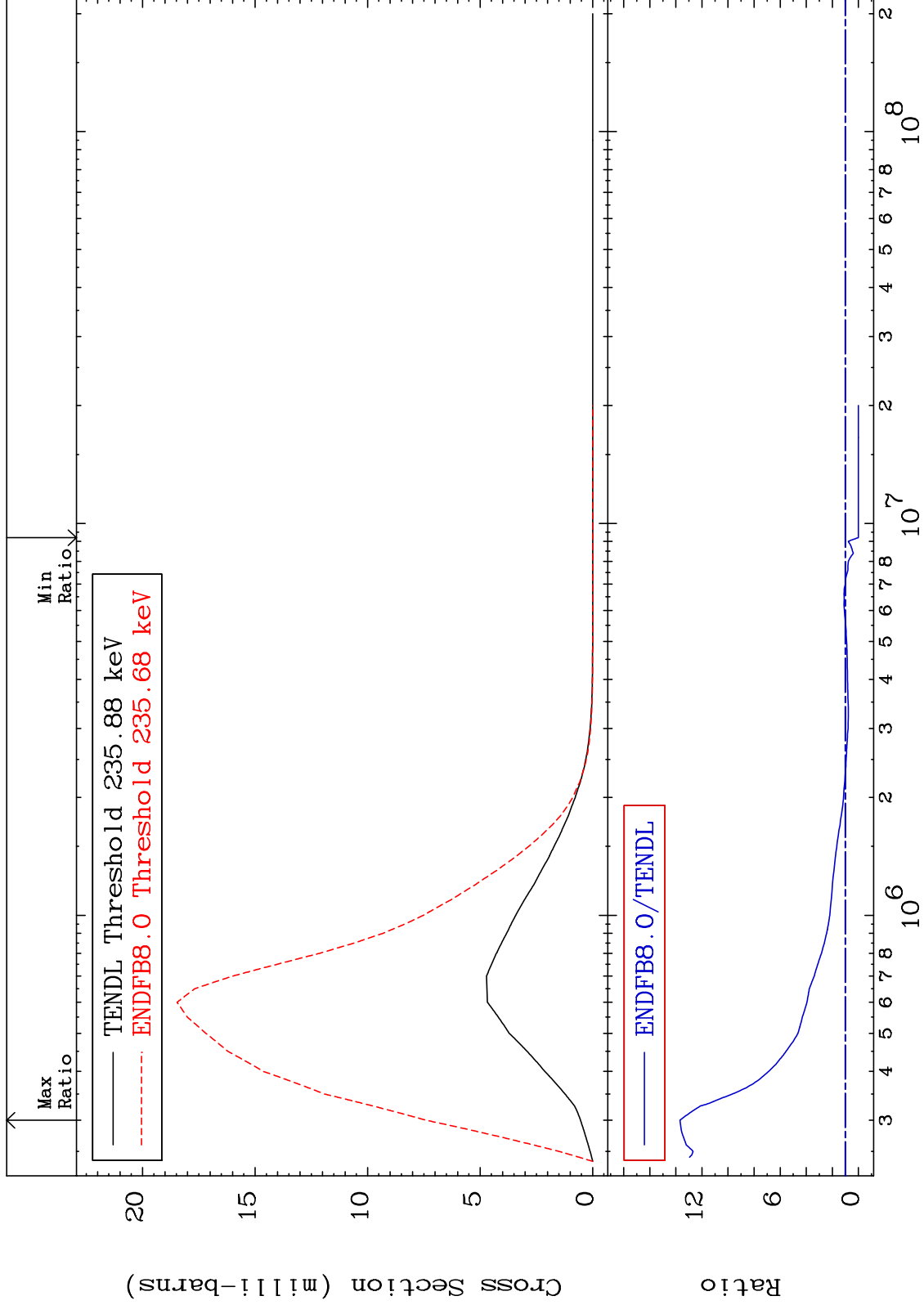
95-Am-242  
-100.0 To 3776. %



MAT 9547

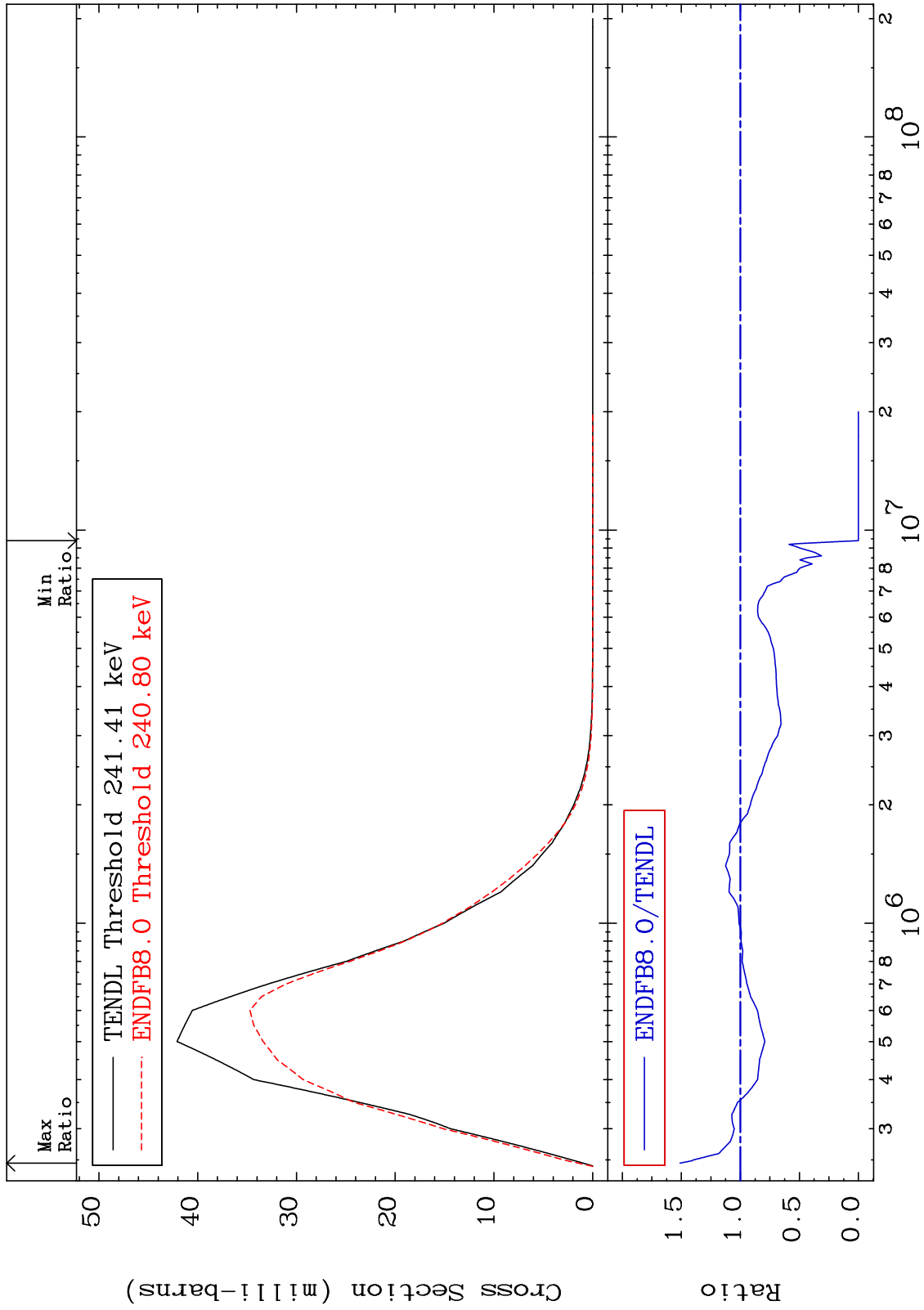
MT= 67 (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 1268. %





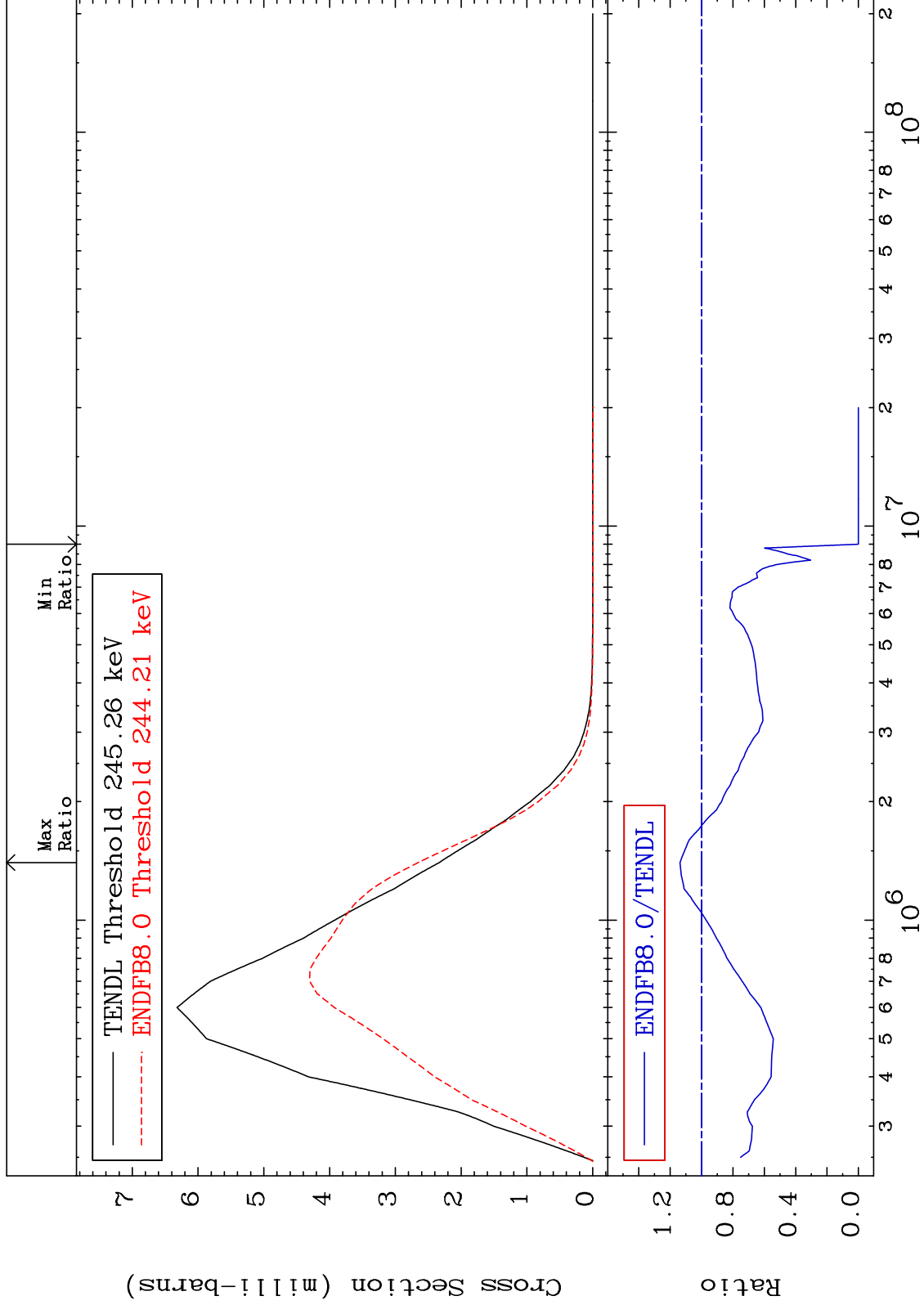
MAT 9547 MT= 68 (n,n') Level Cross Section -100.0 To 51.14 % 95-Am-242



MAT 9547

MT= 69 (n,n') Level  
Cross Section

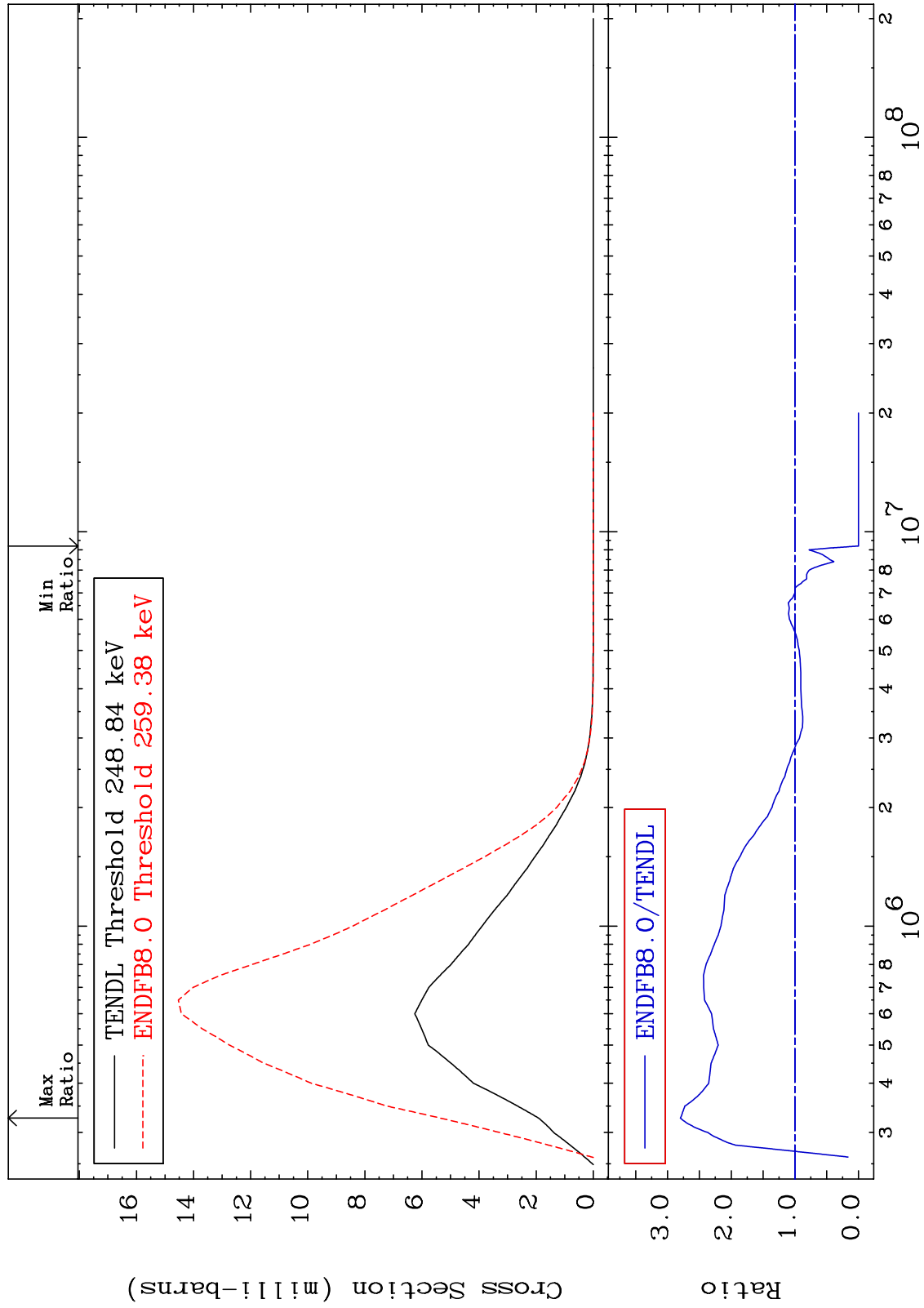
95-Am-242  
-100.0 To 13.71 %



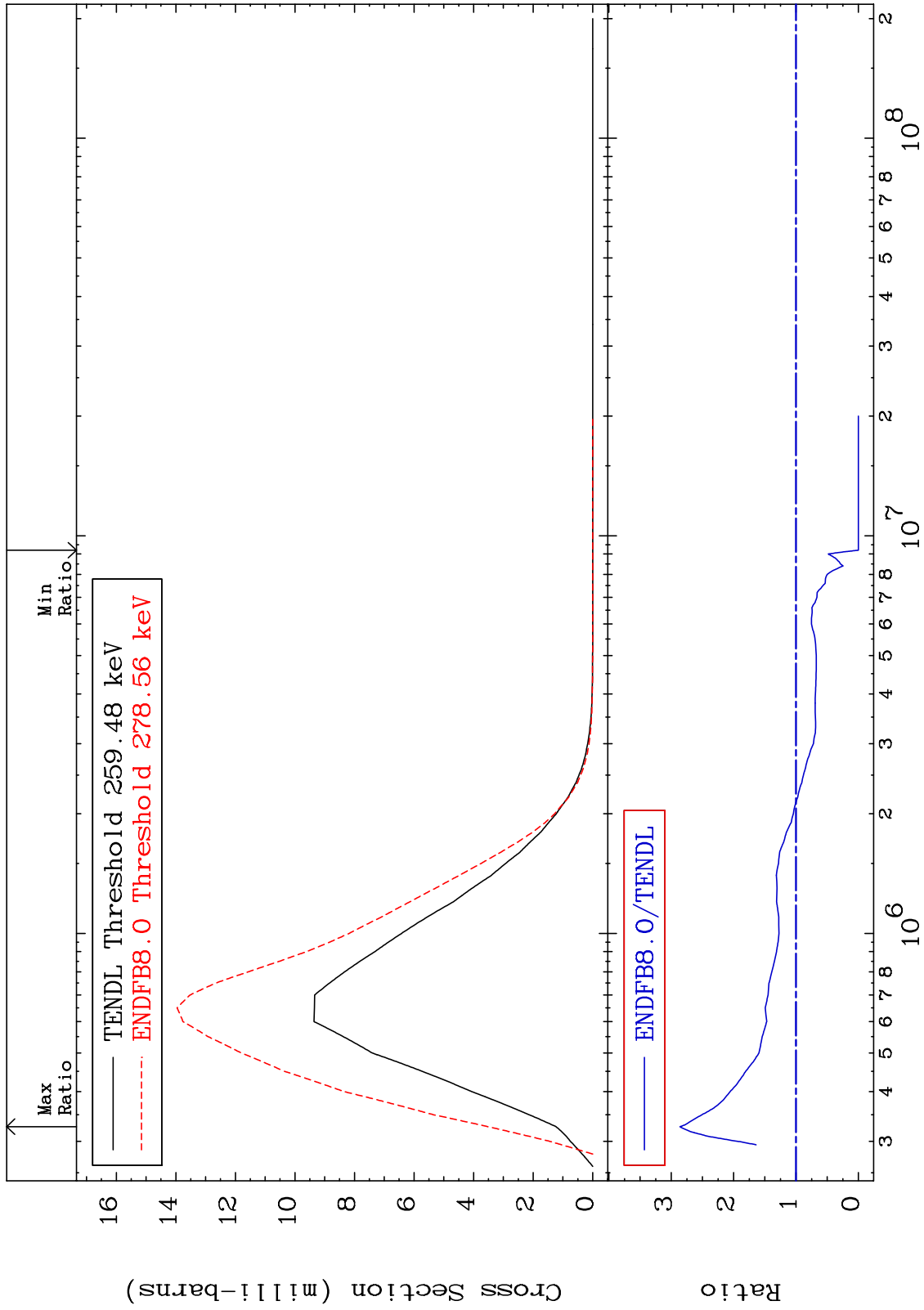
MAT 9547

MT= 70 (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 179.8 %



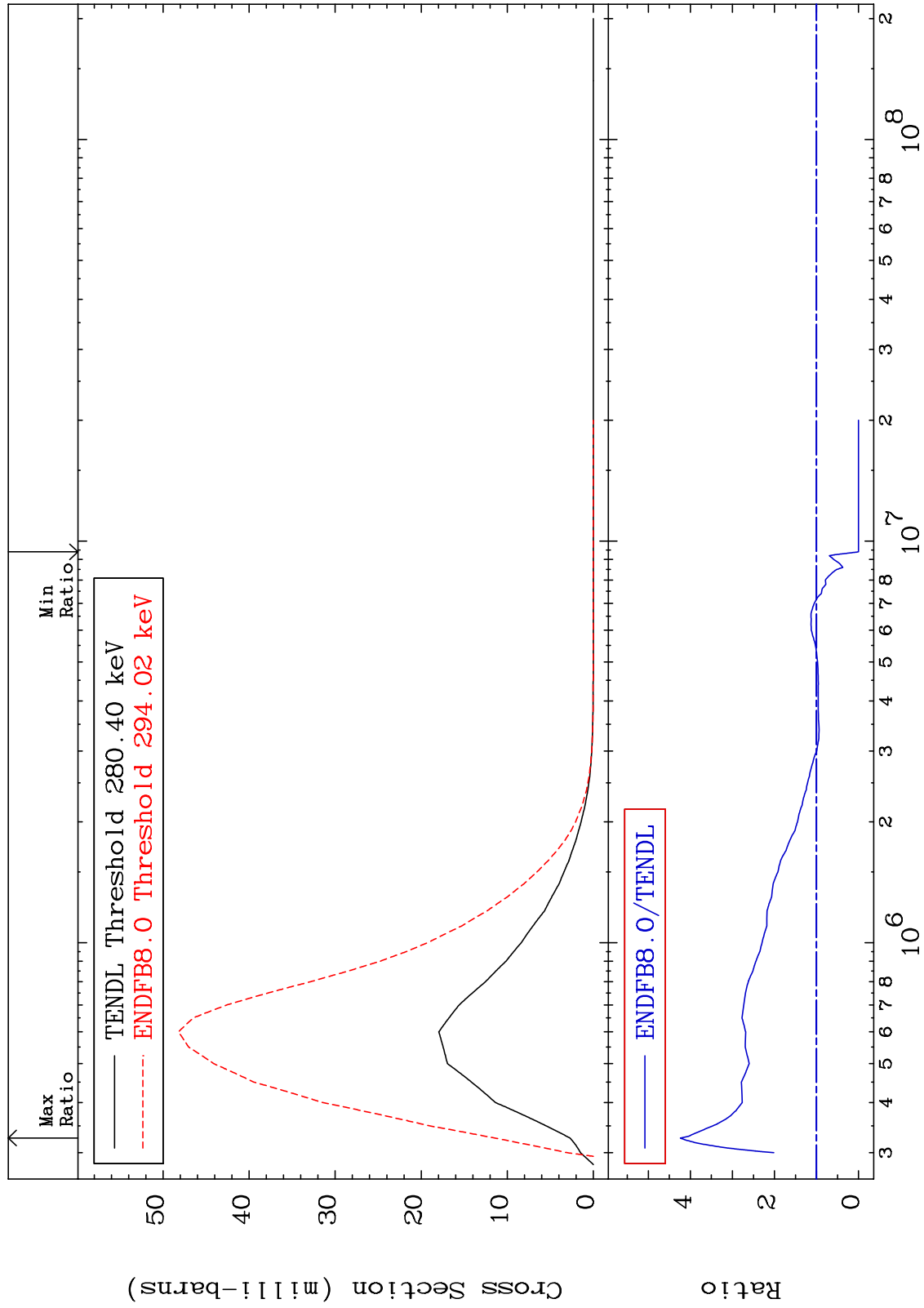
MAT 9547 MT= 71 (n,n') Level Cross Section 95-Am-242  
 -100.0 To 186.0 %



MAT 9547

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

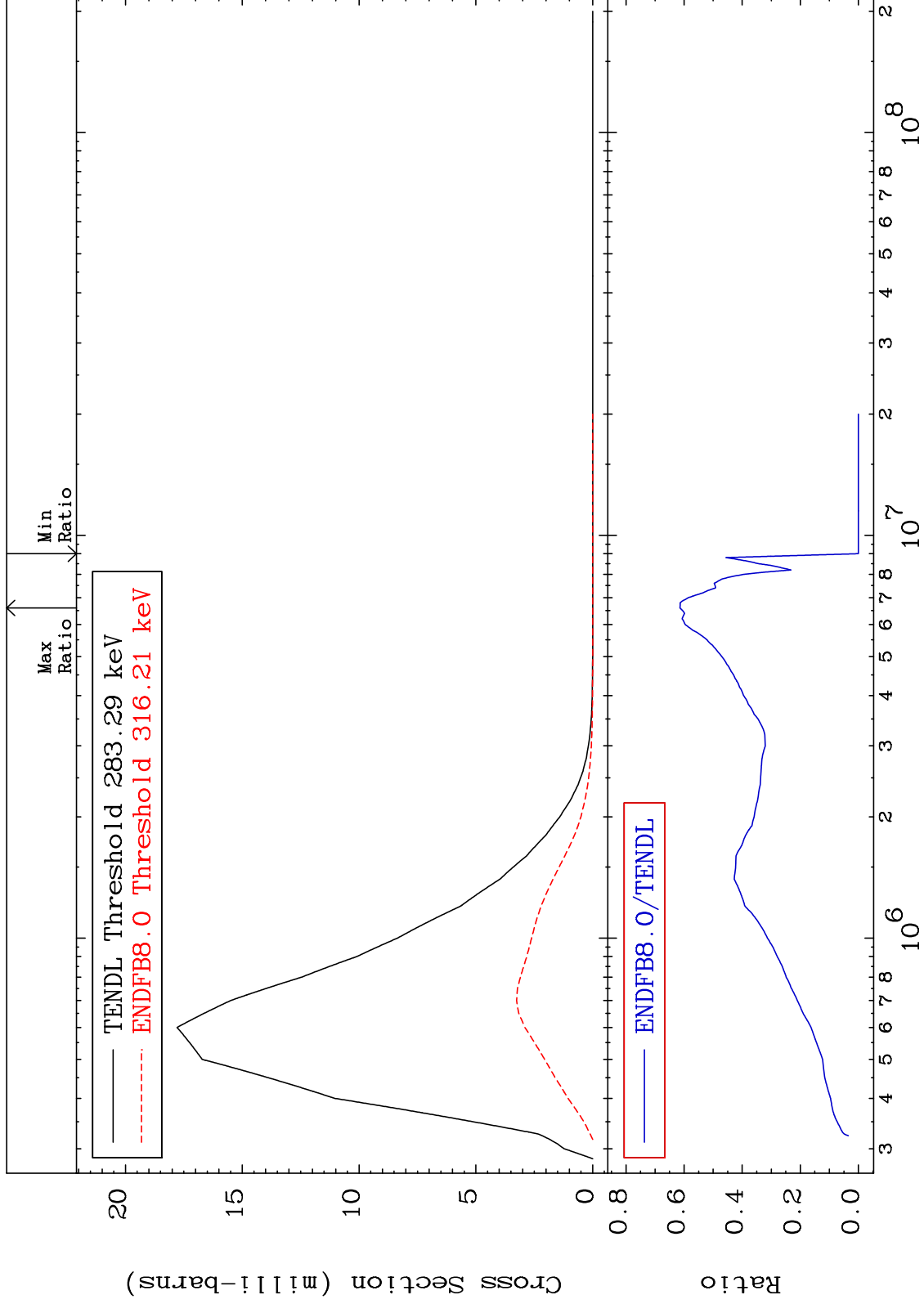
95-Am-242  
-100.0 To 323.6 %



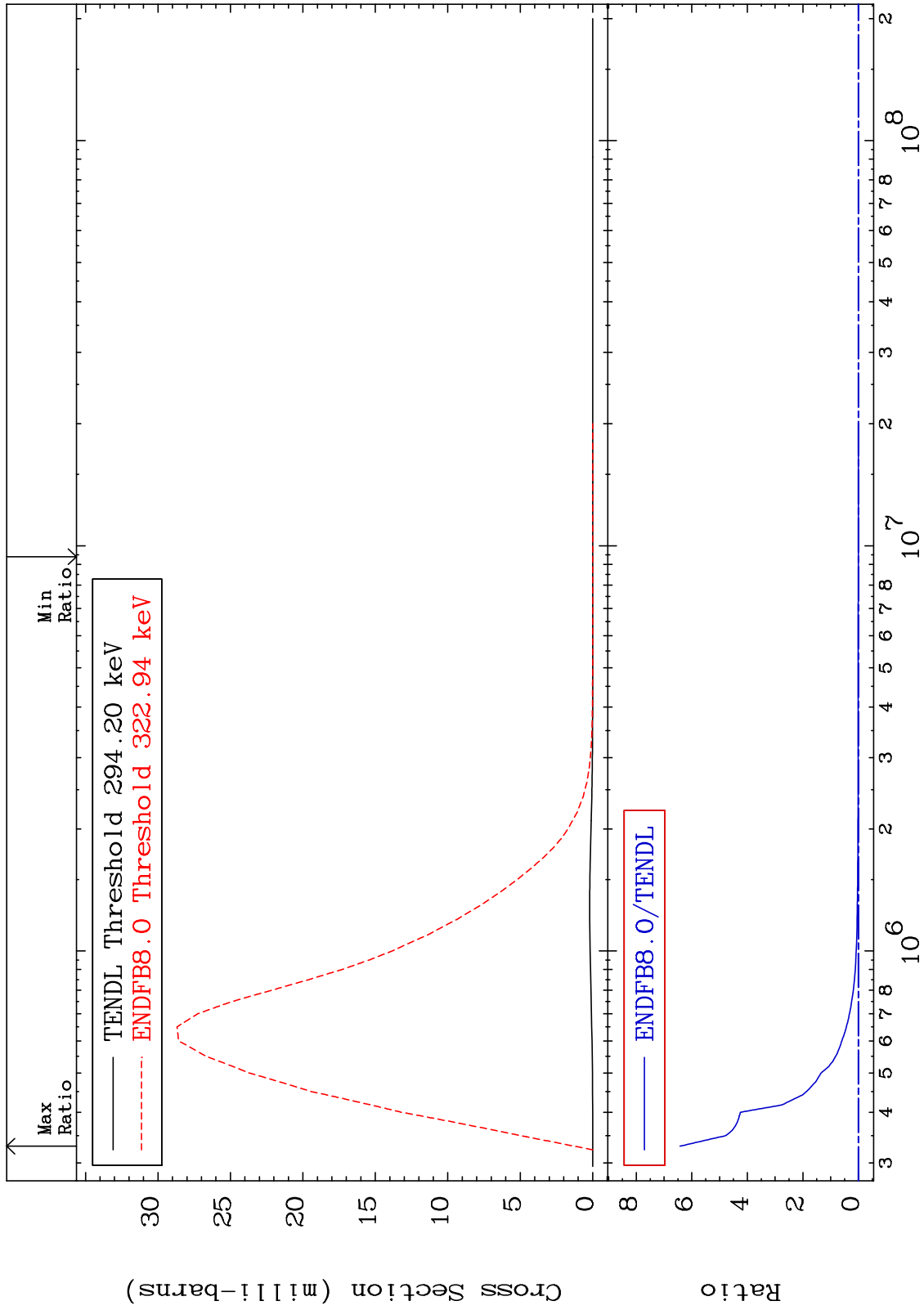
MAT 9547

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

95-Am-242  
-100.0 To -38.60%



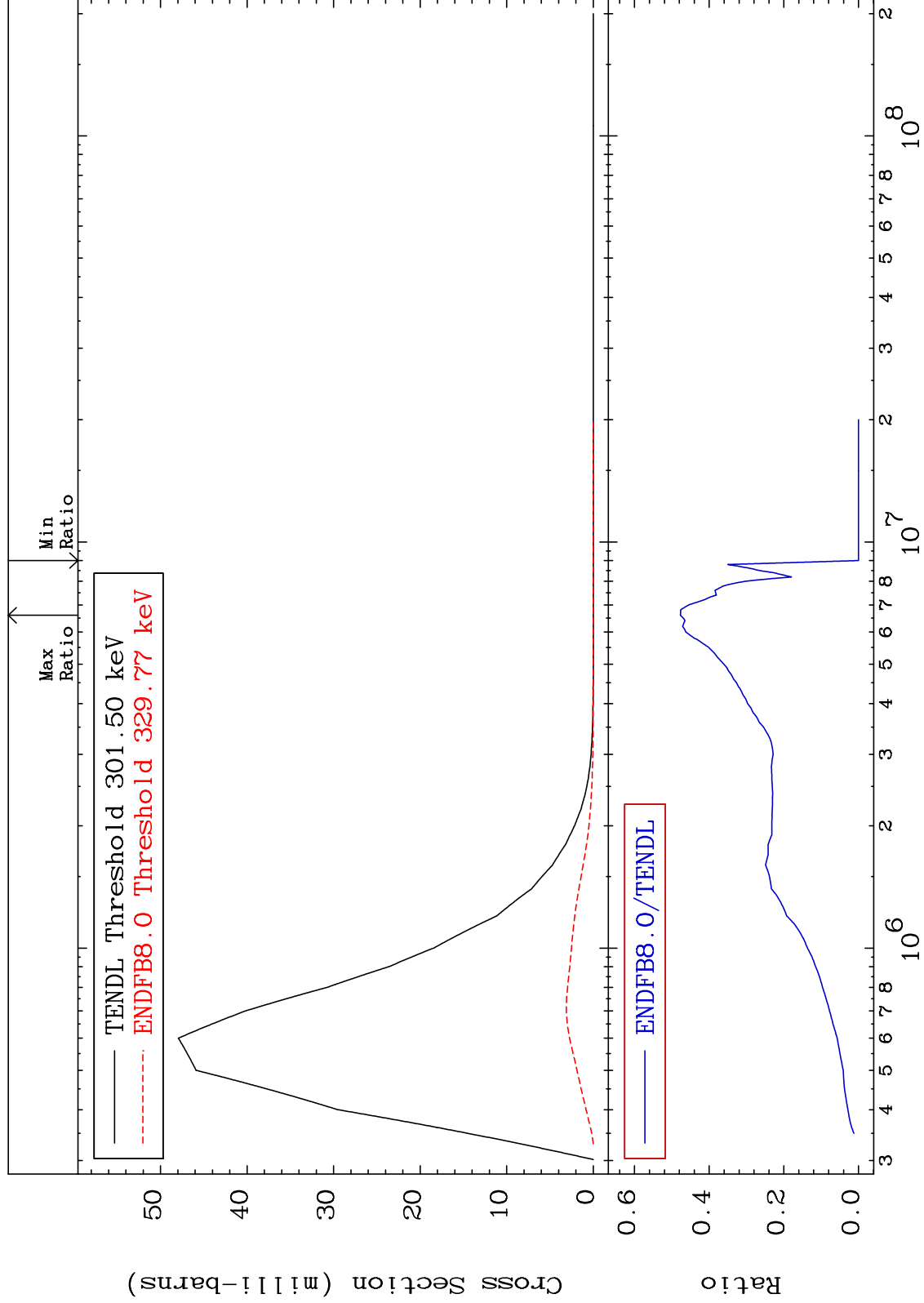
MAT 9547      MT= 74 (n,n') Level      95-Am-242  
 Cross Section      -100.0 To 9999. %



MAT 9547

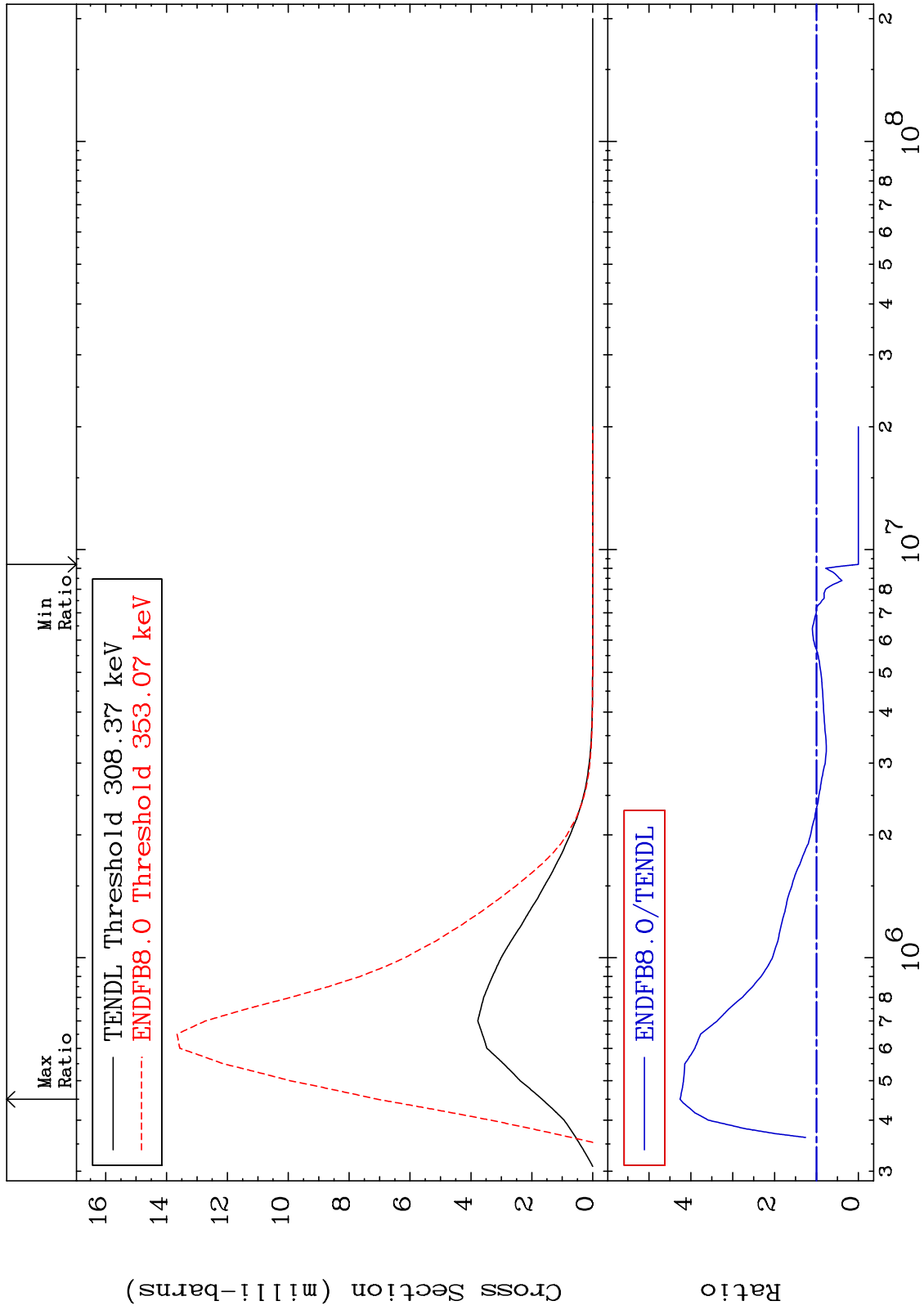
MT= 75 (n,n') Level  
Cross Section

95-Am-242  
-100.0 To -52.30%

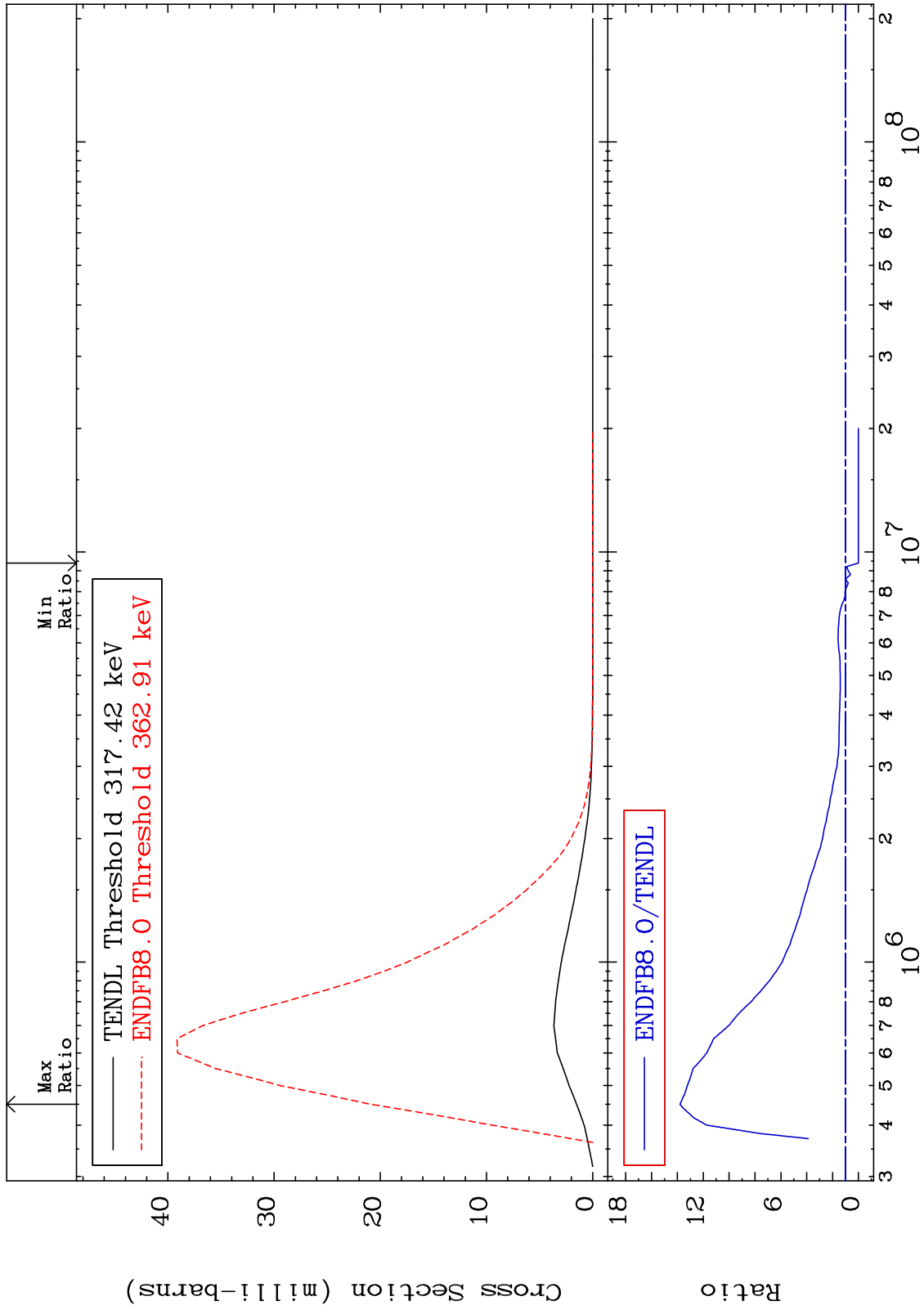




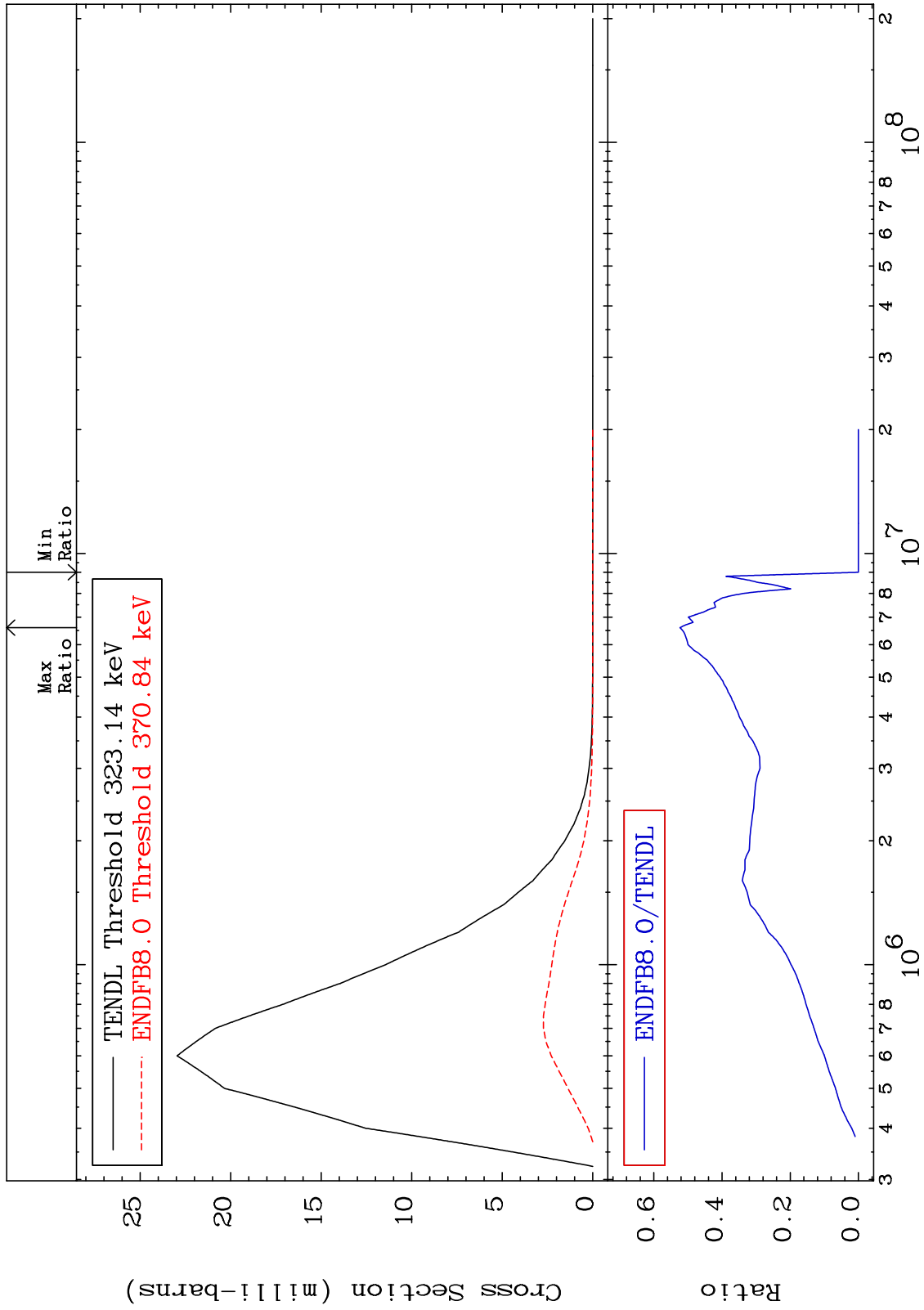
MAT 9547 MT= 76 (n,n') Level Cross Section 95-Am-242  
 -100.0 To 325.7 %



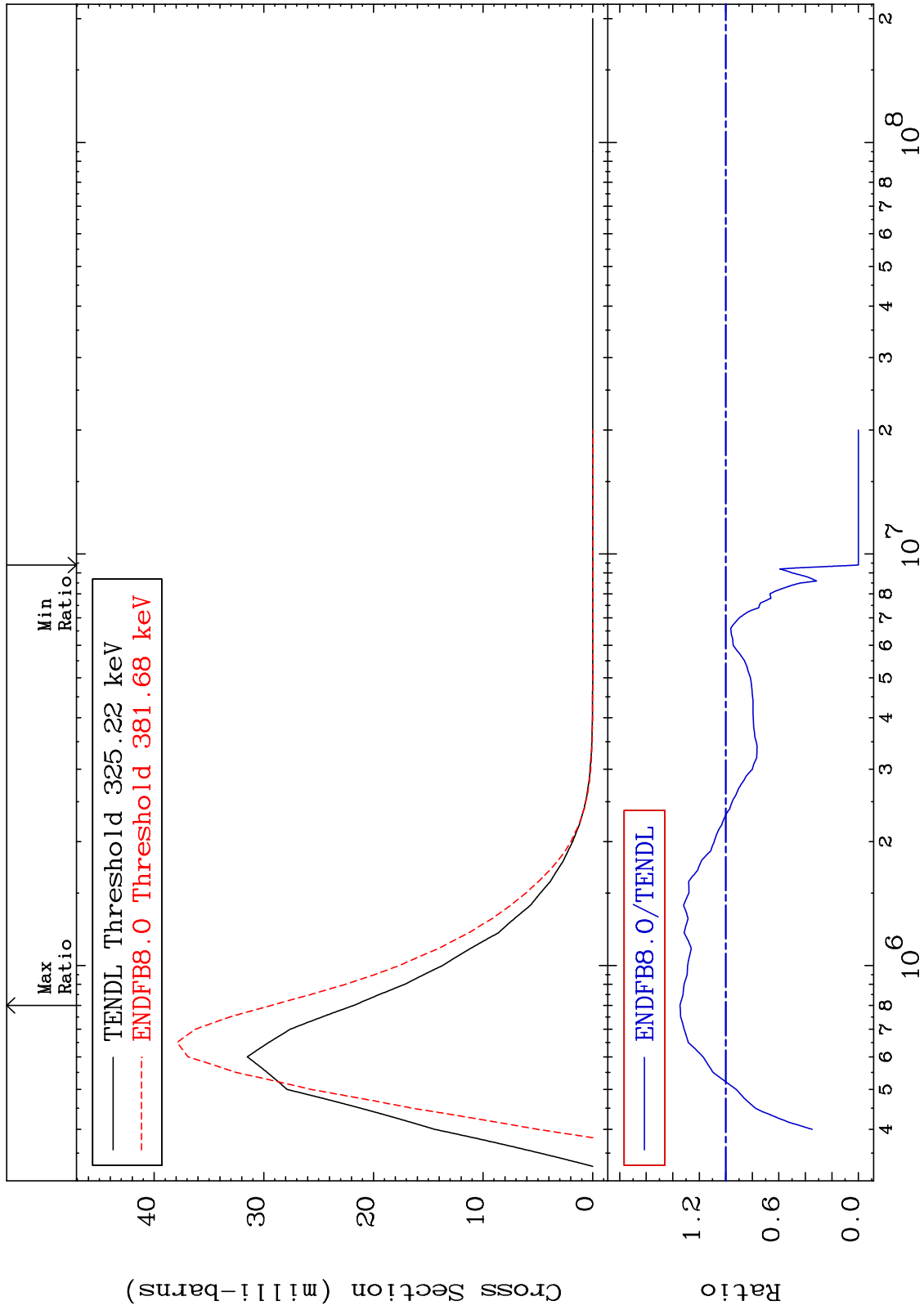
MAT 9547      MT= 77 (n,n') Level      95-Am-242  
 Cross Section      -100.0 To 1280. %



MAT 9547 MT= 78 (n,n') Level Cross Section 95-Am-242  
 -100.0 To -47.67%



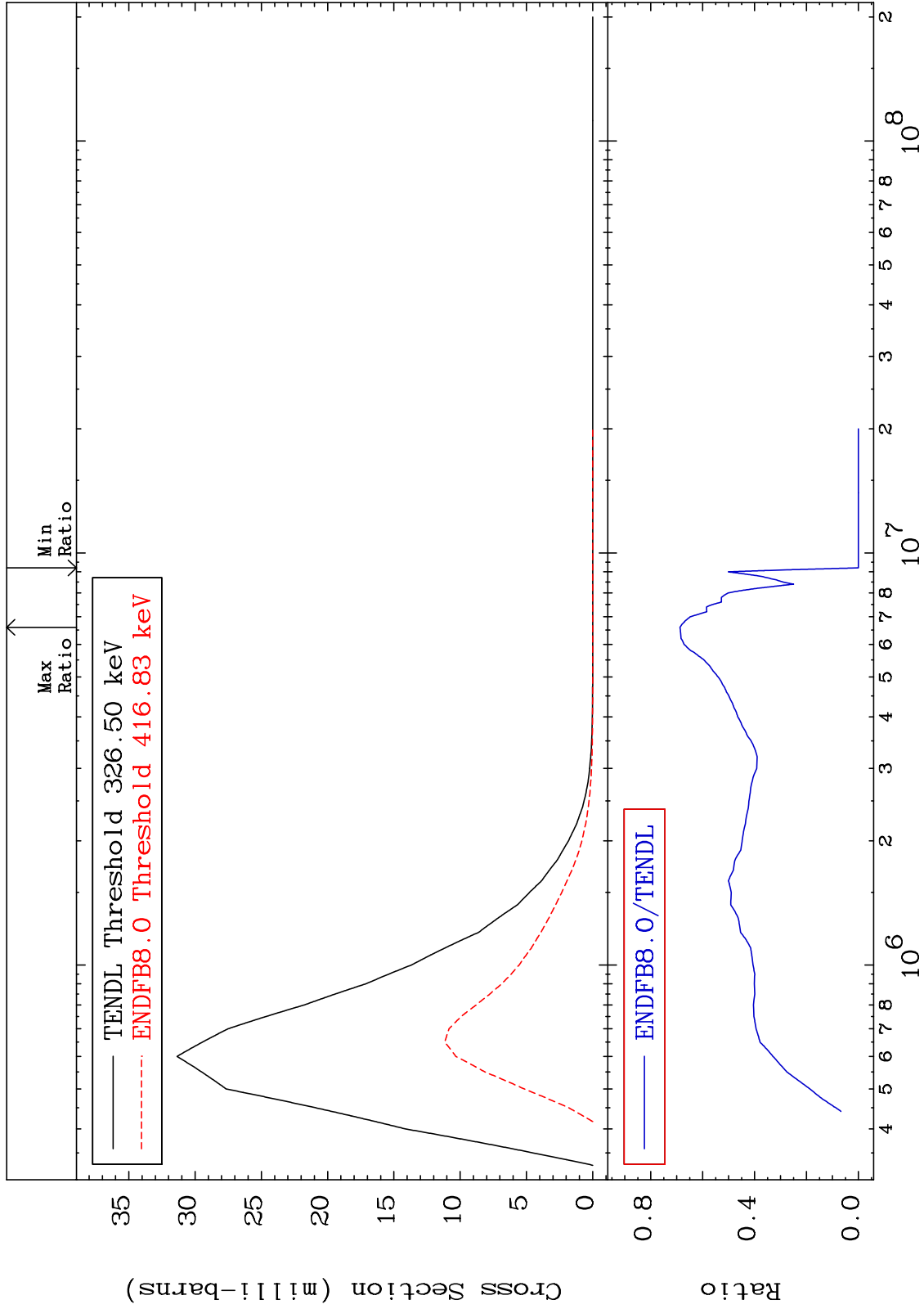
MAT 9547 MT= 79 (n,n') Level Cross Section 95-Am-242  
 -100.0 To 34.52 %



MAT 9547

MT= 80 (n,n') Level  
Cross Section

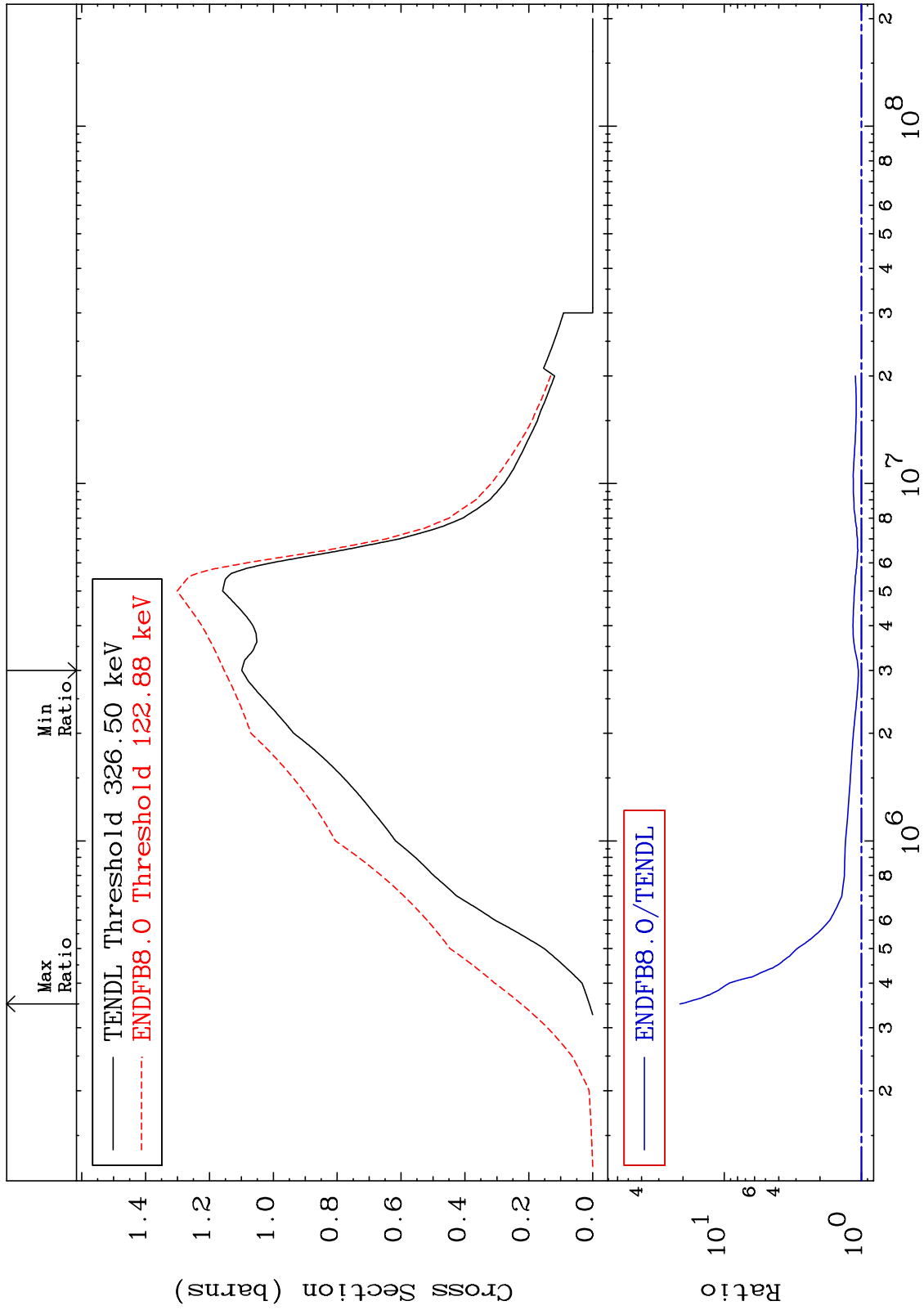
95-Am-242  
-100.0 To -31.27%



MAT 9547

(n,n') Continuum  
Cross Section

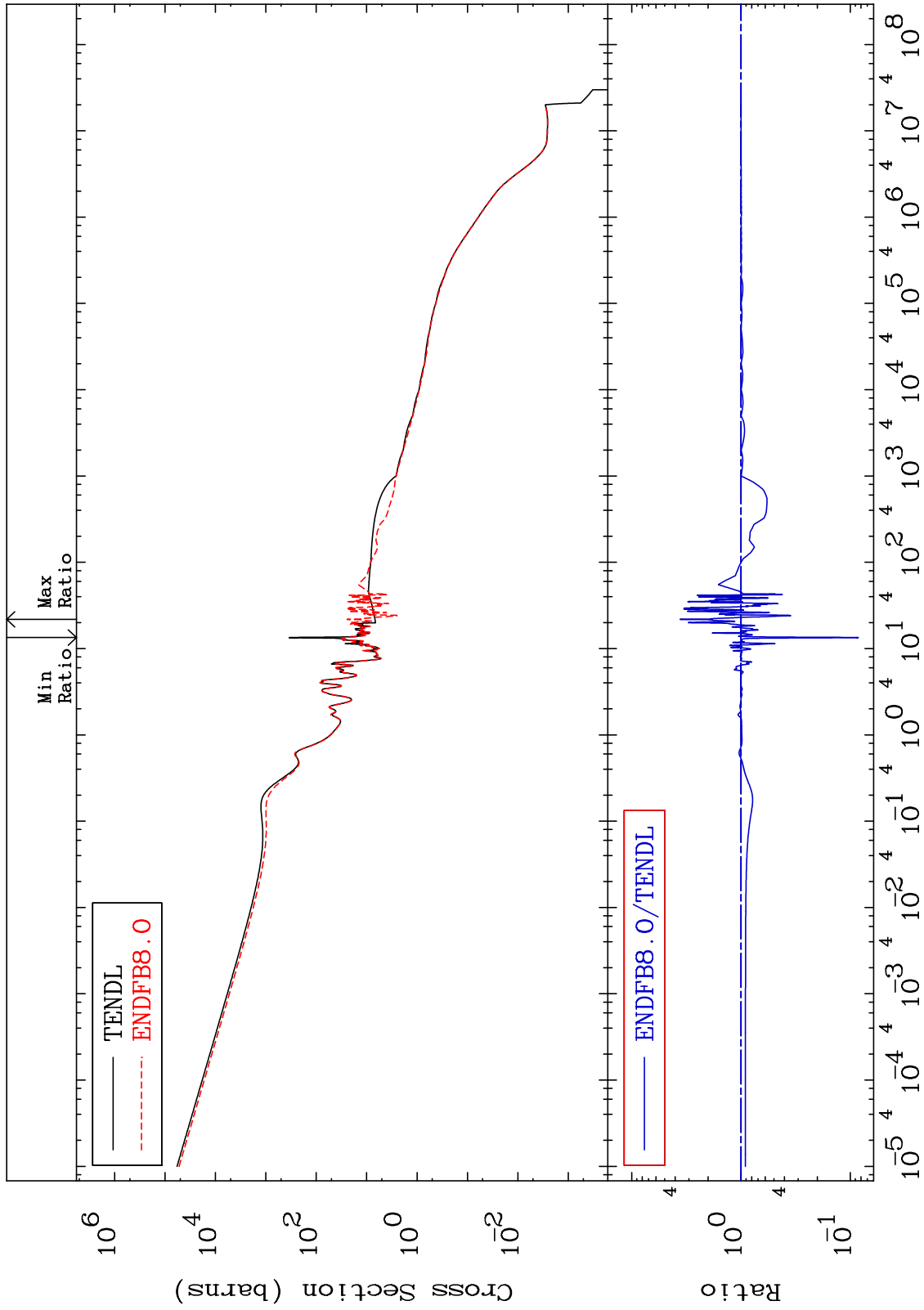
95-Am-242  
5.018 To 2000. %



MAT 9547

(n,  $\gamma$ )  
Cross Section

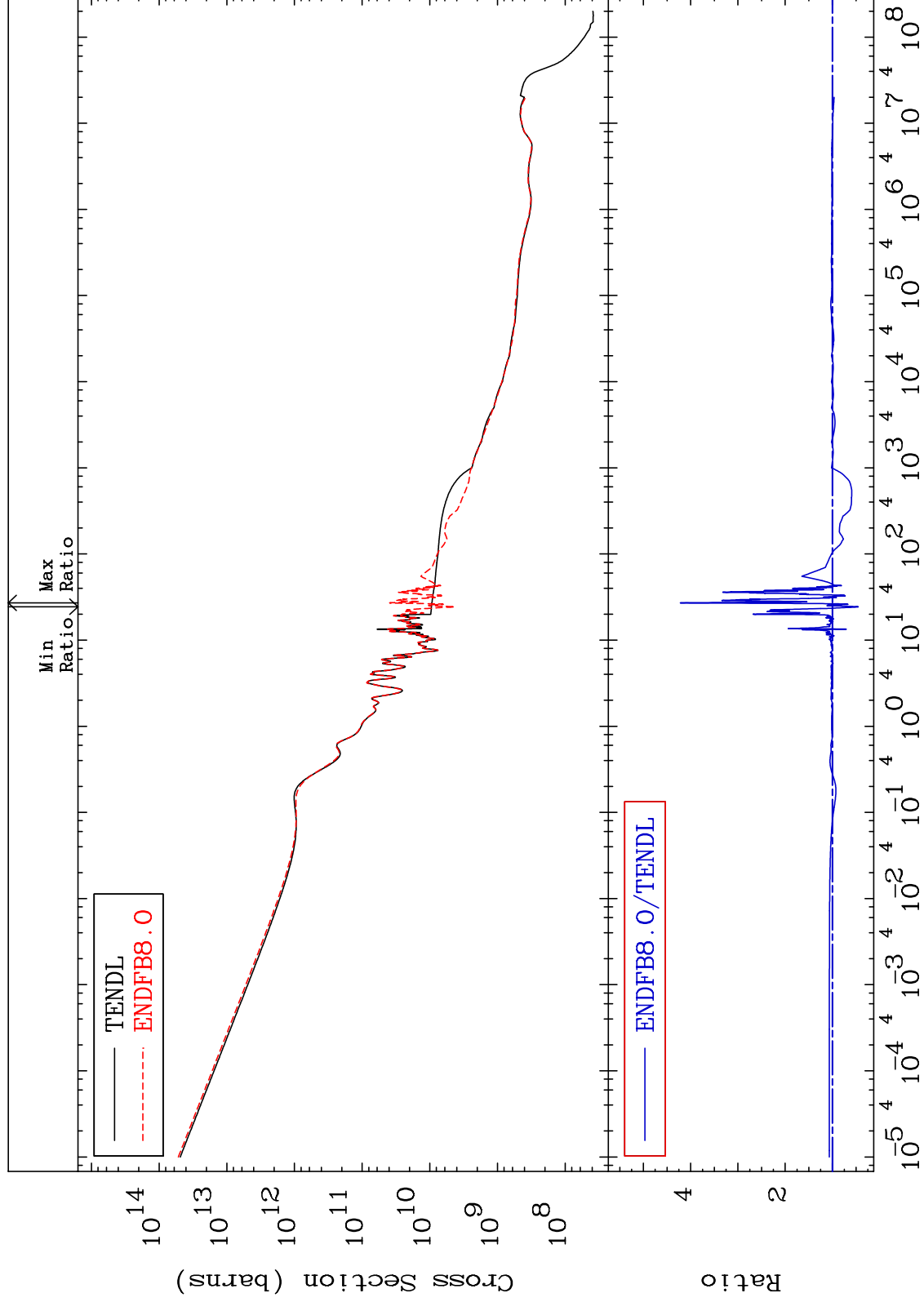
95-Am-242  
-91.56 To 261.3 %



MAT 9547

Kerma total (eV-barns)  
Cross Section

95-Am-242  
-55.17 To 321.6 %



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Incident Energy (eV)

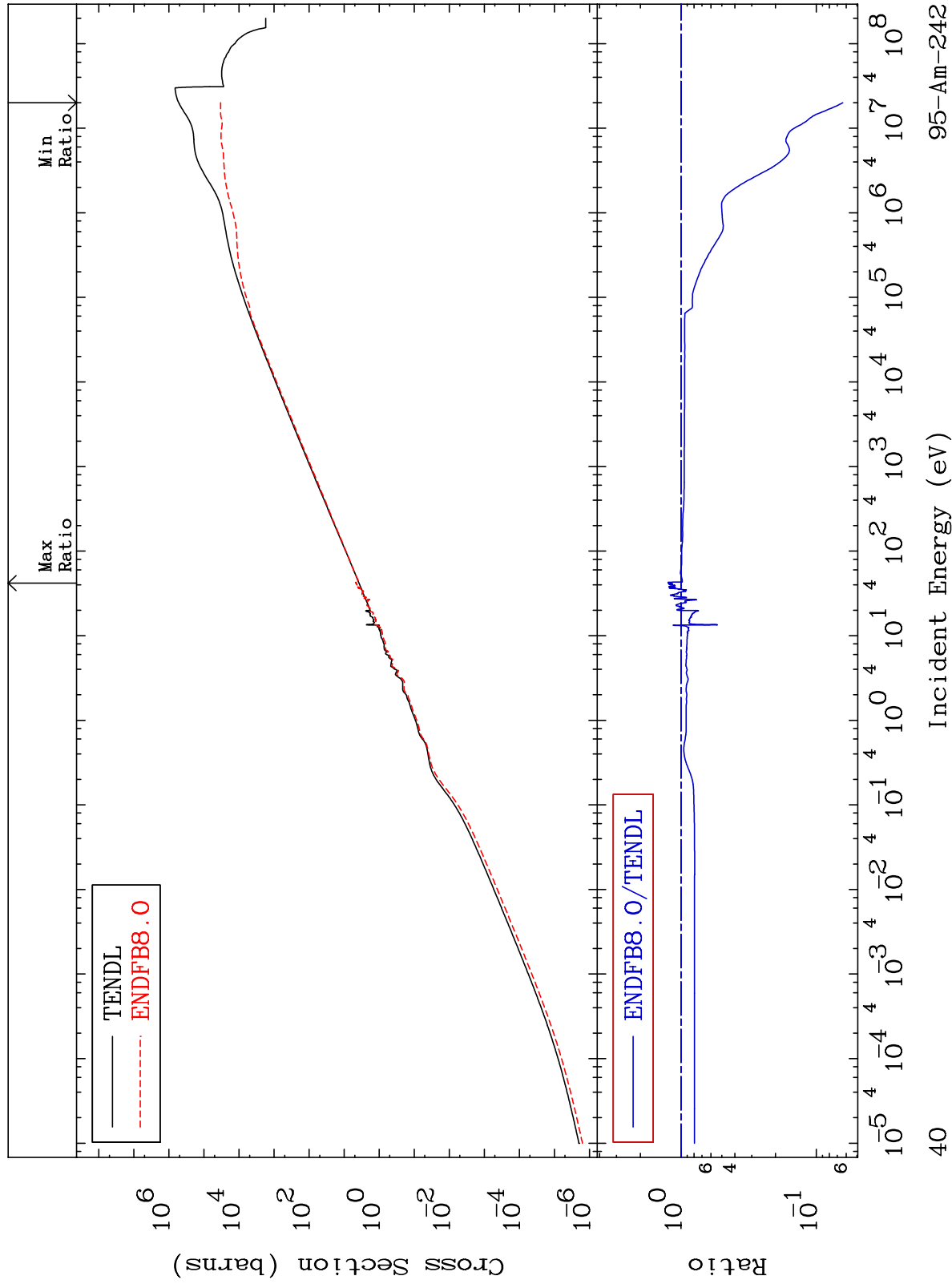
95-Am-242



MAT 9547

Kerma elastic  
Cross Section

95-Am-242  
-93.64 To 24.76 %



95-Am-242

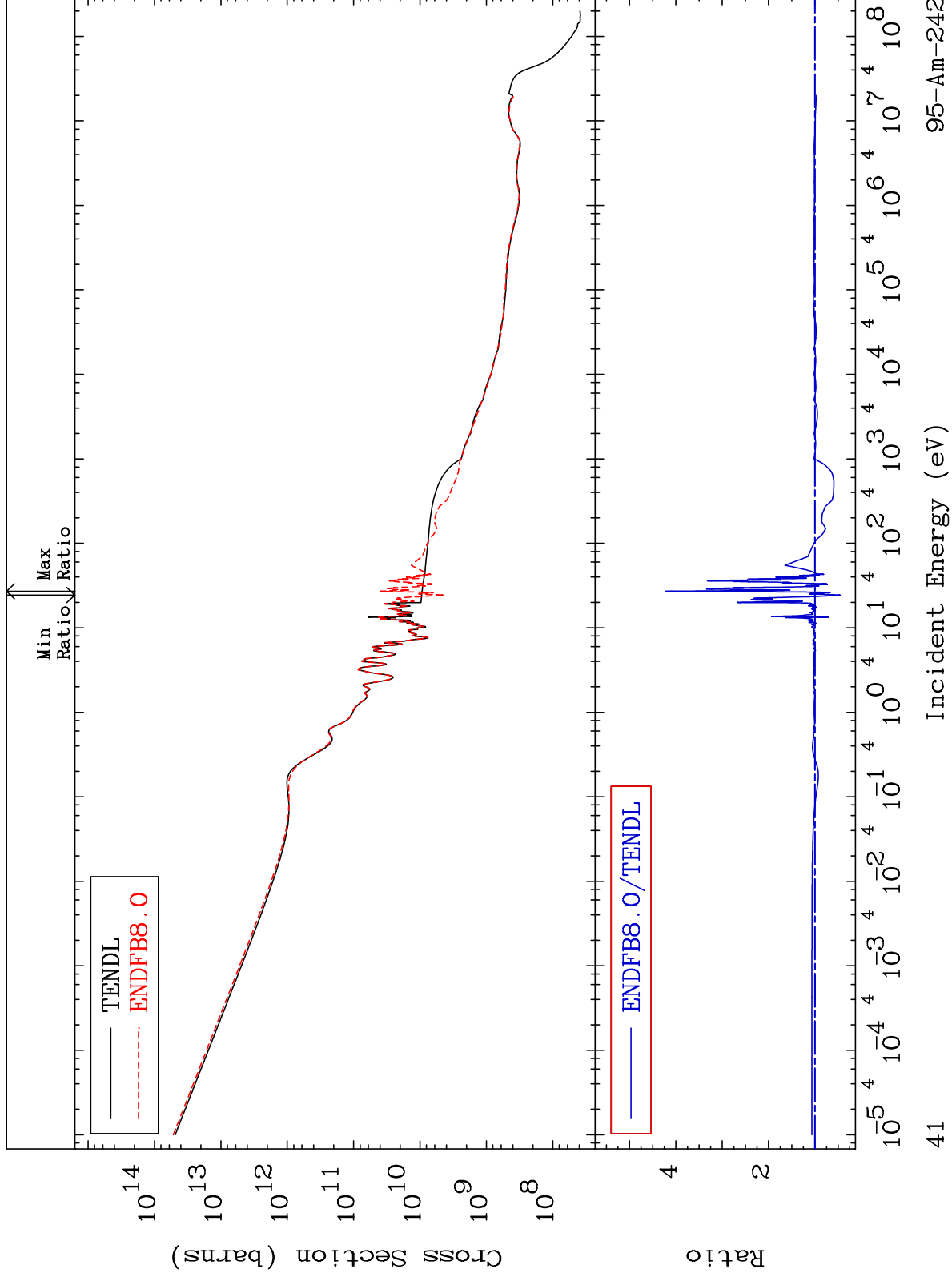
Incident Energy (eV)

40

MAT 9547

Kerma non-elastic (all but mt2)  
Cross Section

95-Am-242  
-55.17 To 321.6 %



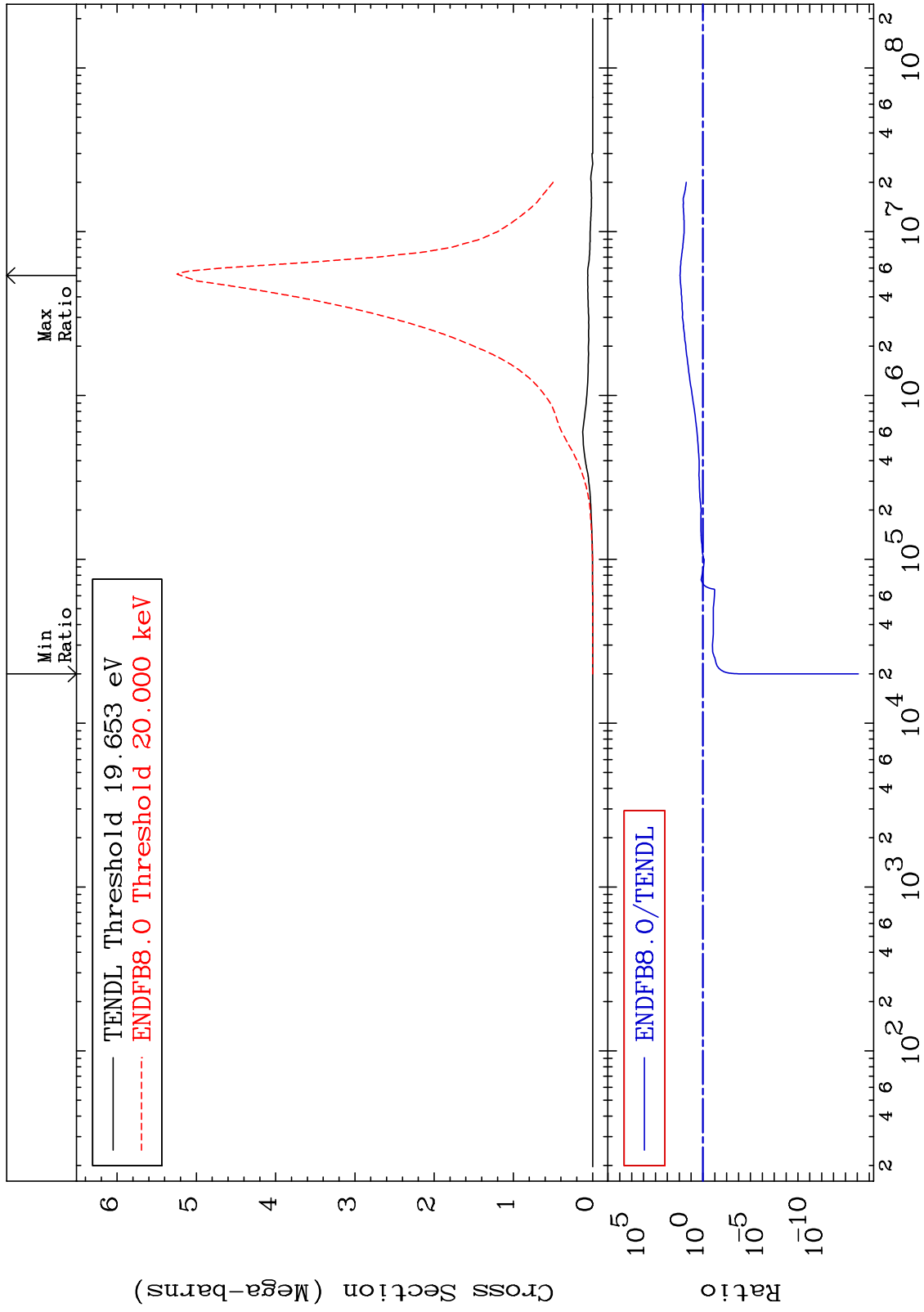
41

95-Am-242

MAT 9547

Kerma inelastic (mt51-91)  
Cross Section

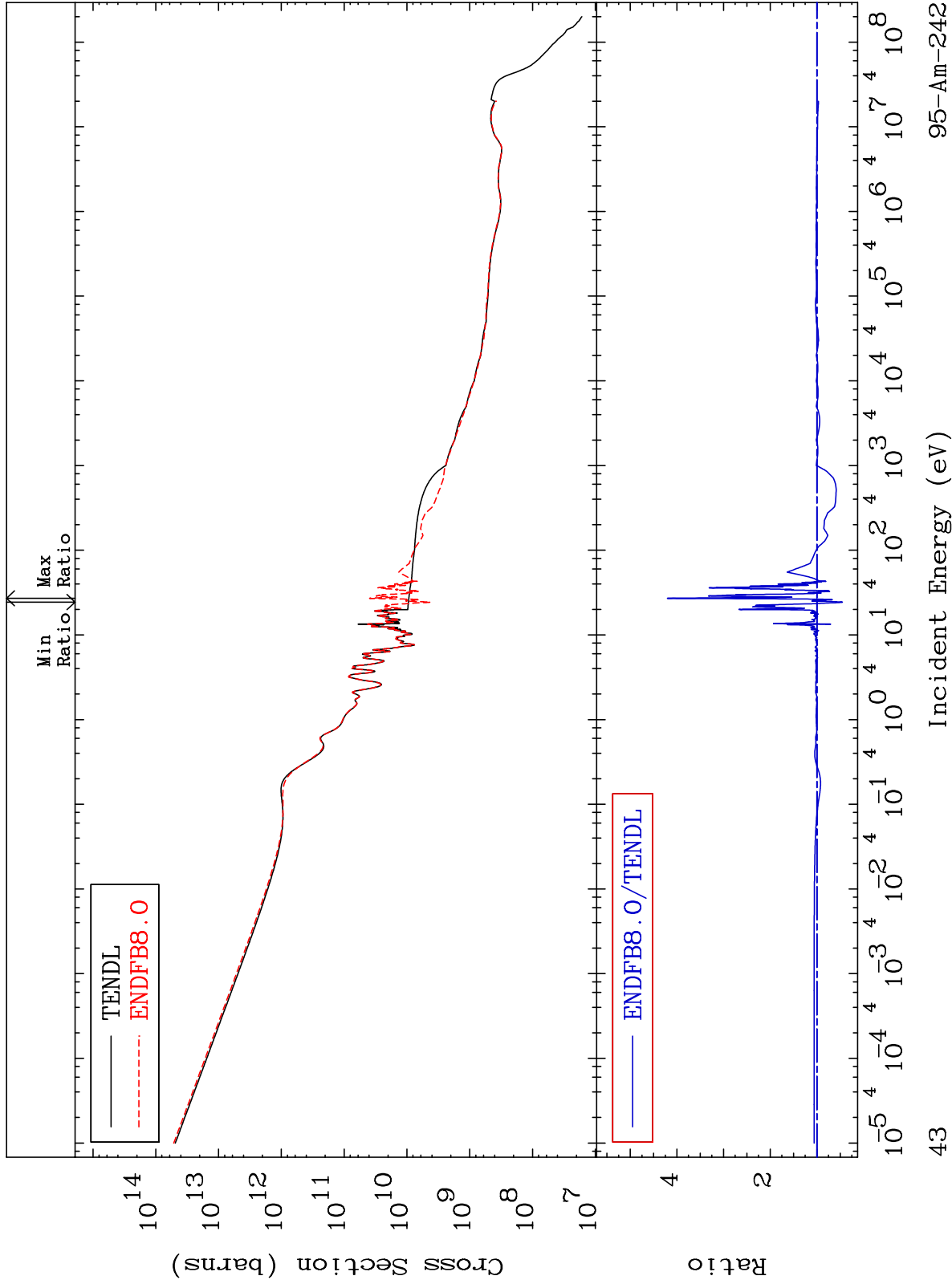
95-Am-242  
-100.0 To 8430. %



MAT 9547

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

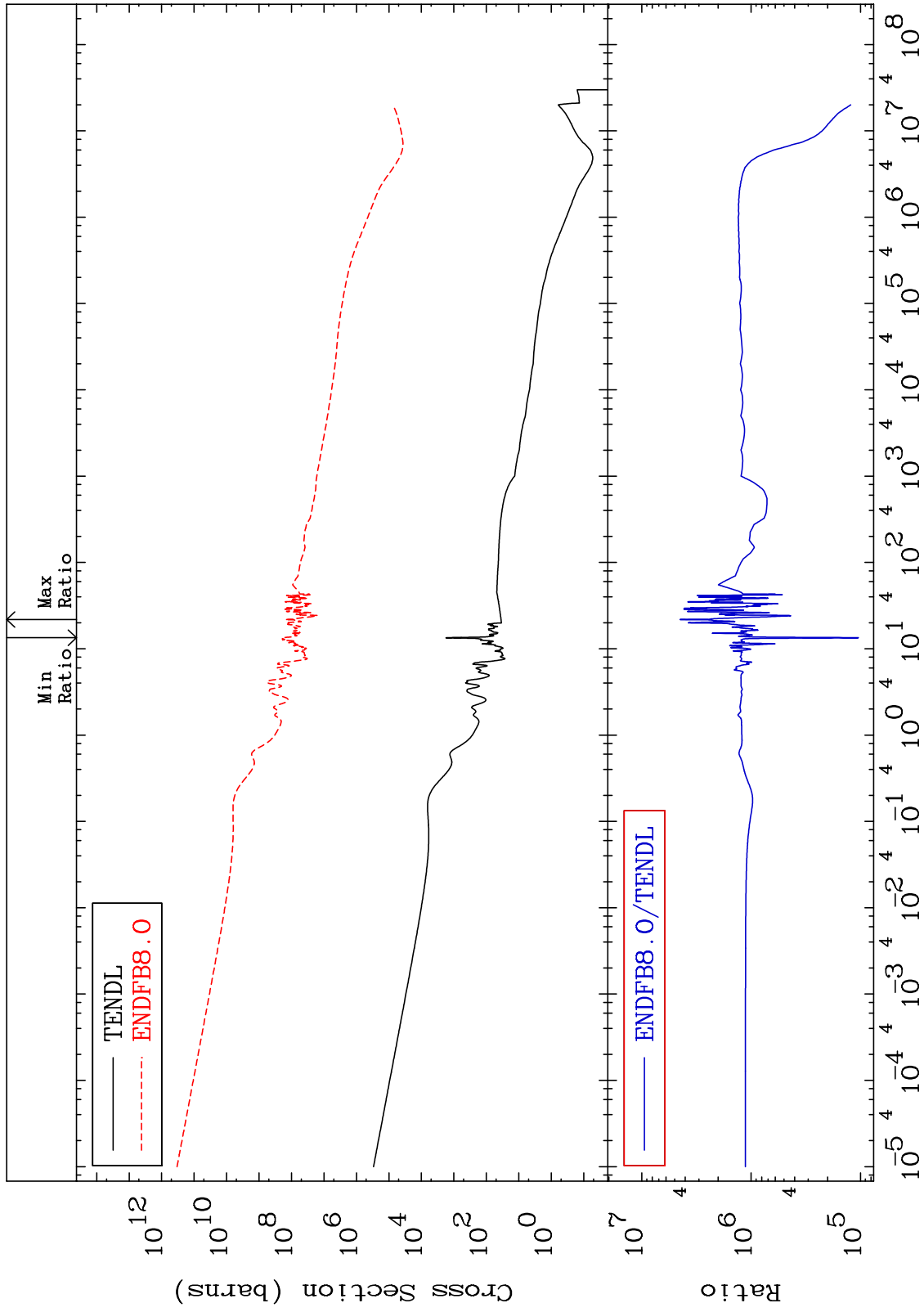
95-Am-242  
-55.36 To 320.1 %



MAT 9547

Kerma capture (mt102)  
Cross Section

95-Am-242  
9999. To 9999. %



44

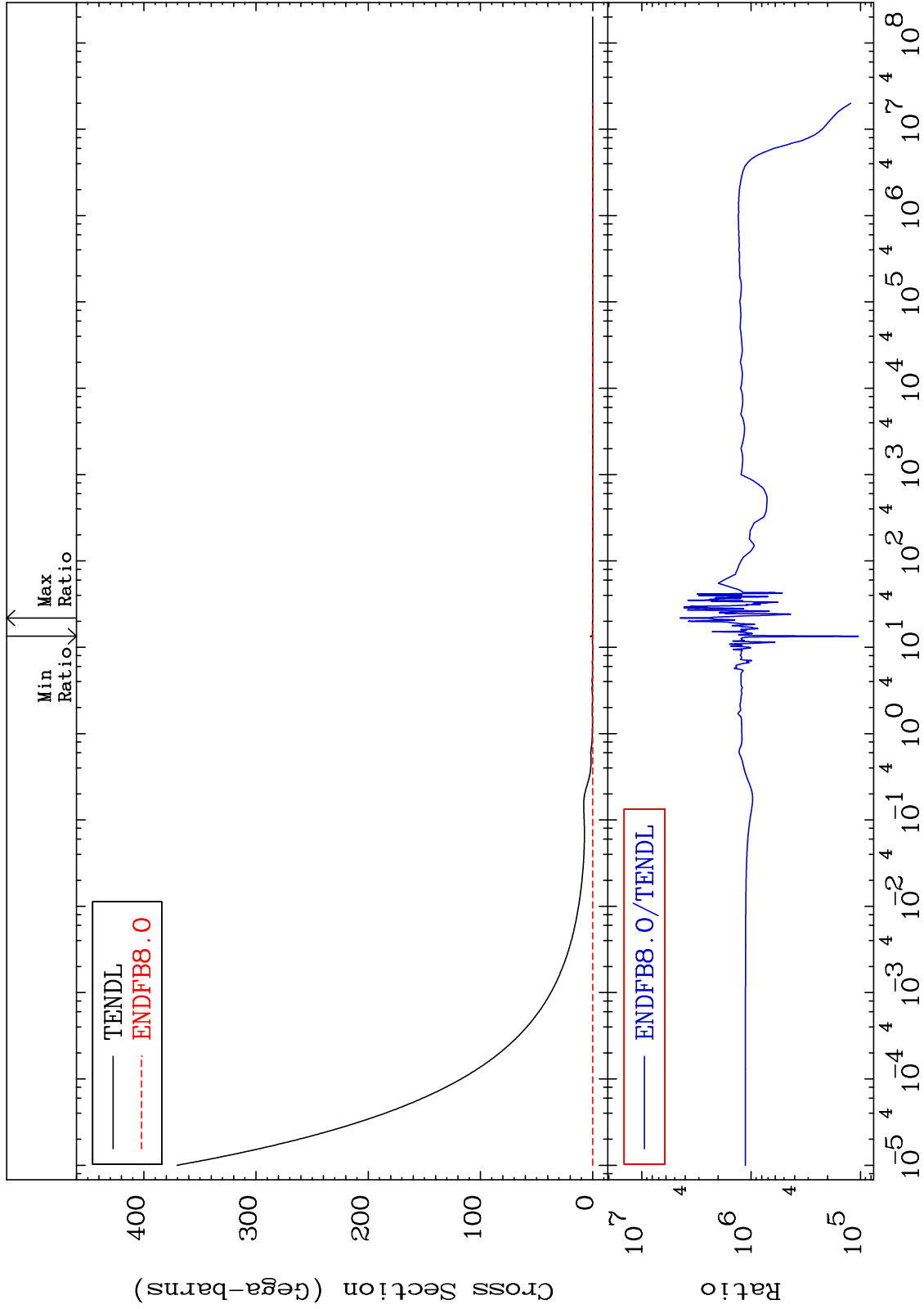
Incident Energy (eV)

95-Am-242

MAT 9547

Total photon (eV-barns)  
Cross Section

95-Am-242  
9999. To 9999. %



45

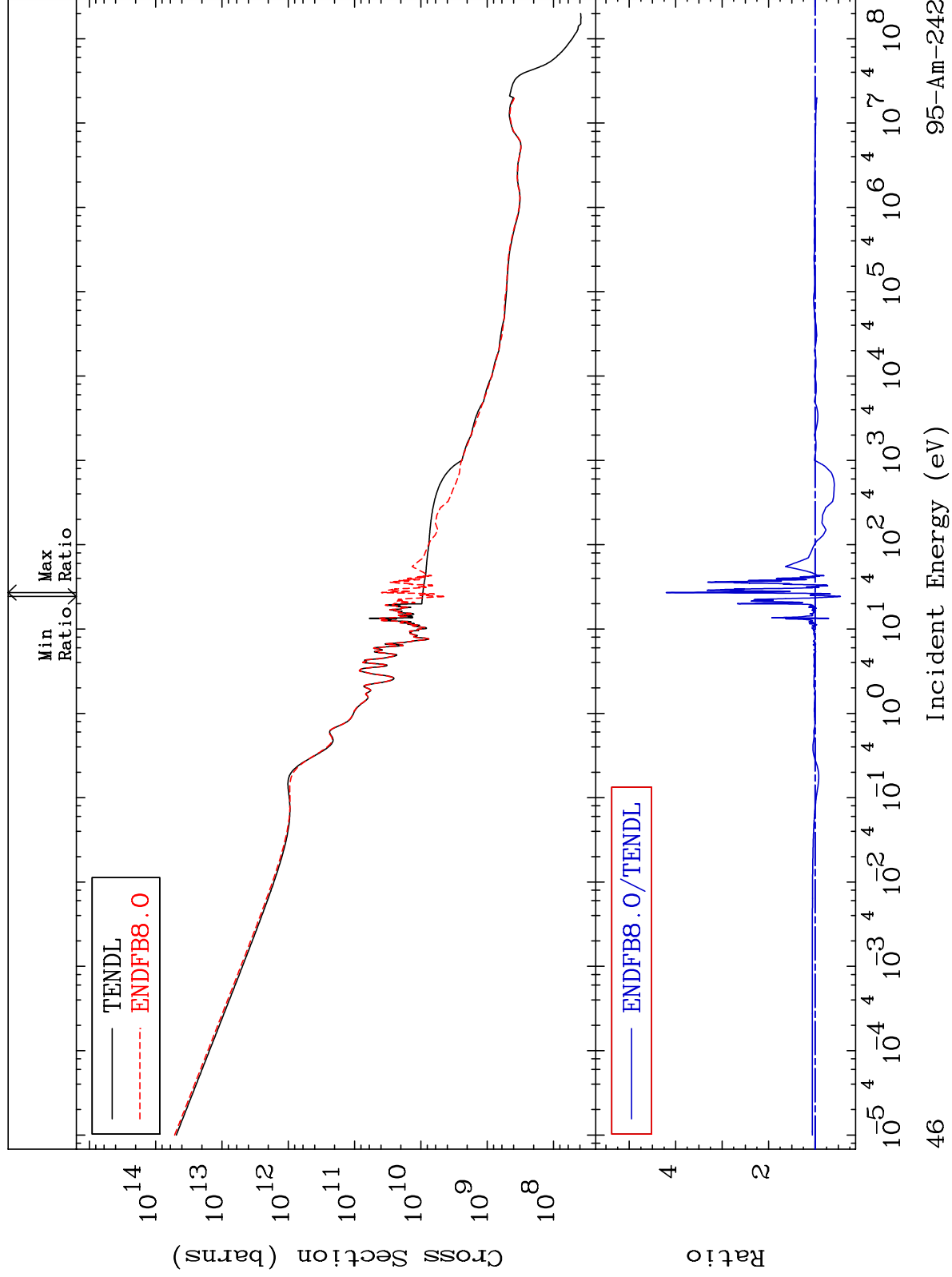
Incident Energy (eV)

95-Am-242

MAT 9547

Total kinematic kerma (high limit)  
Cross Section

95-Am-242  
-55.36 To 320.1 %



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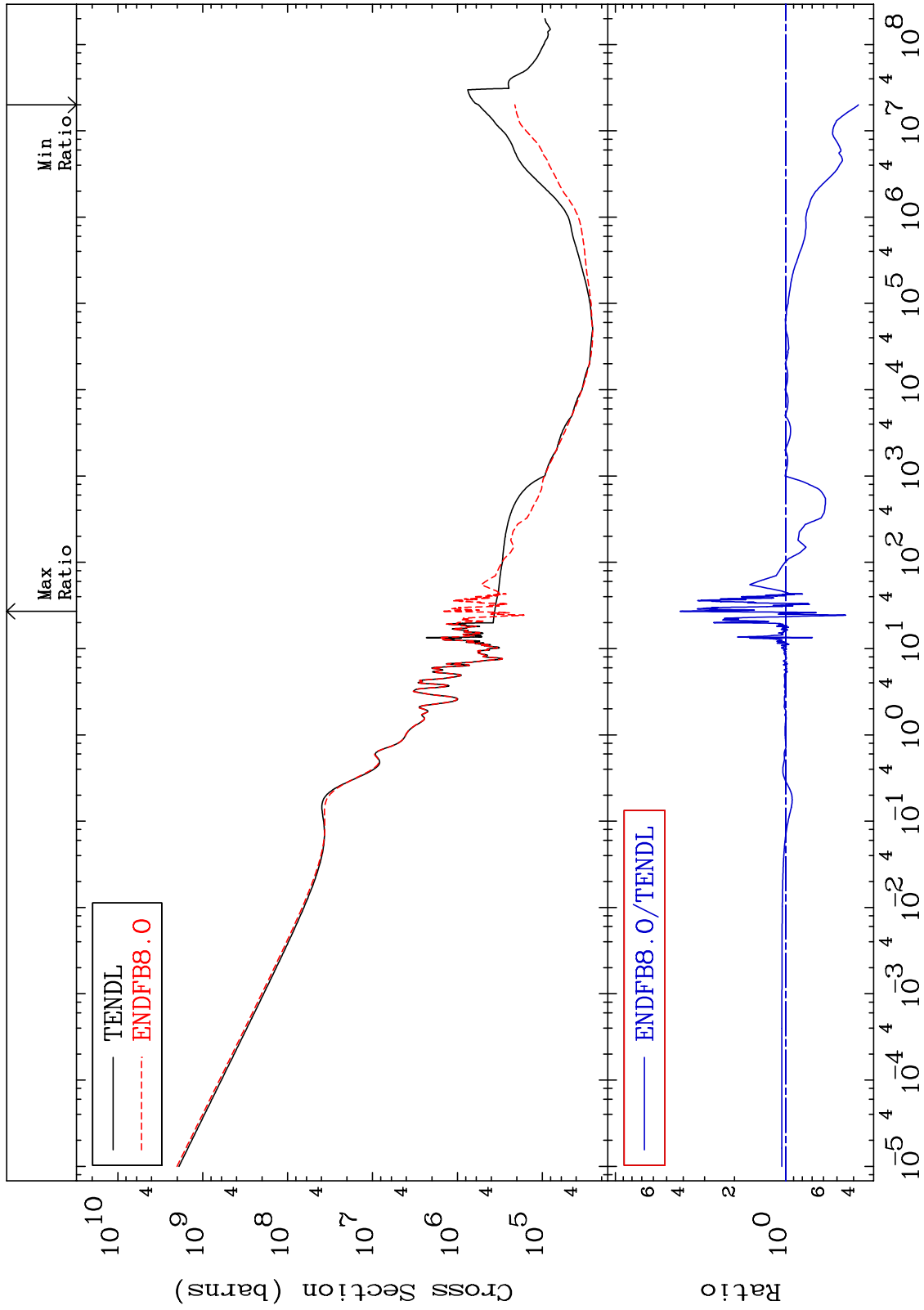
Incident Energy (eV)

95-Am-242

MAT 9547

Dpa total (eV-barns)  
Cross Section

95-Am-242  
-62.59 To 317.8 %



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Incident Energy (eV)

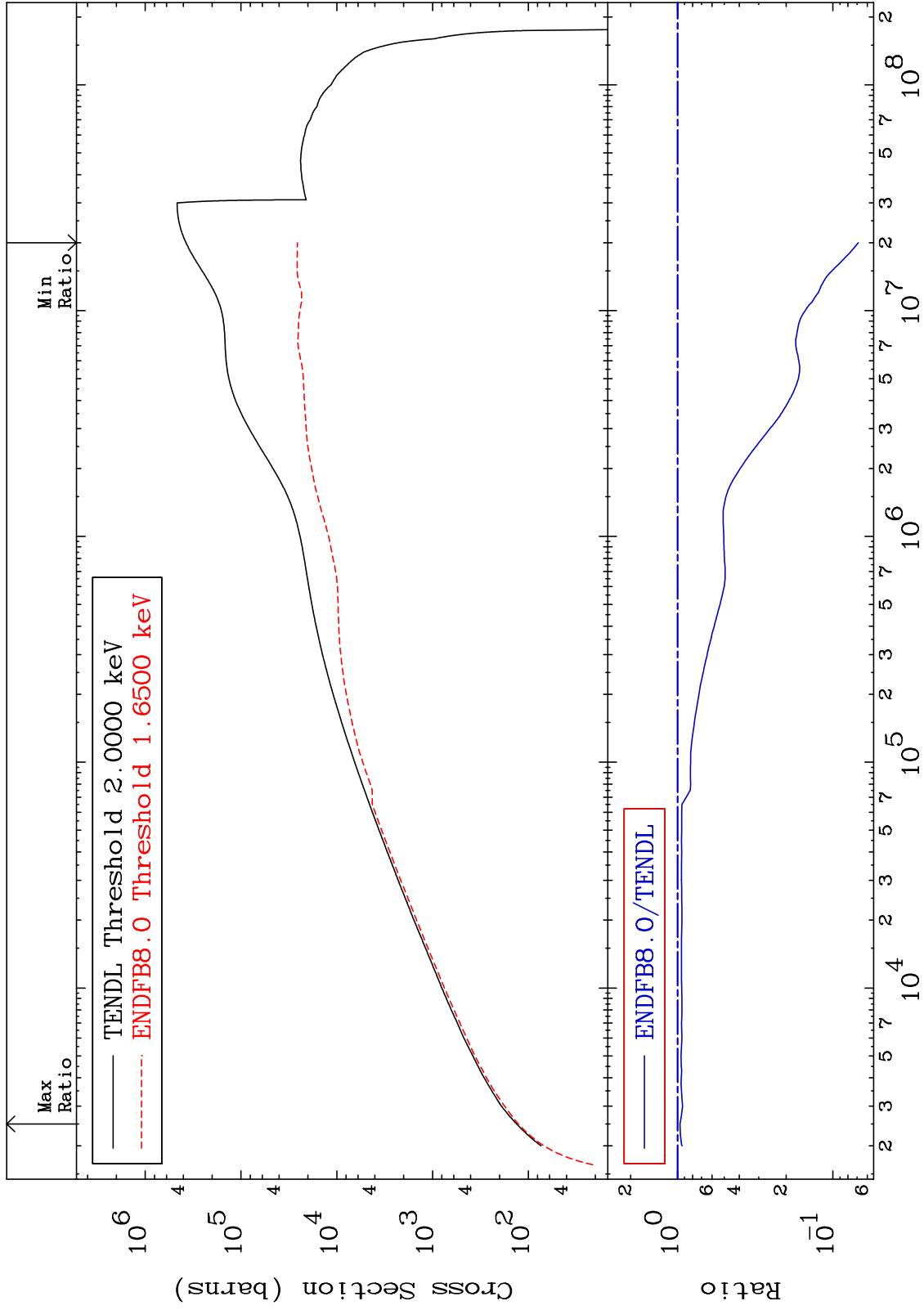
95-Am-242



MAT 9547

Dpa elastic (mt2)  
Cross Section

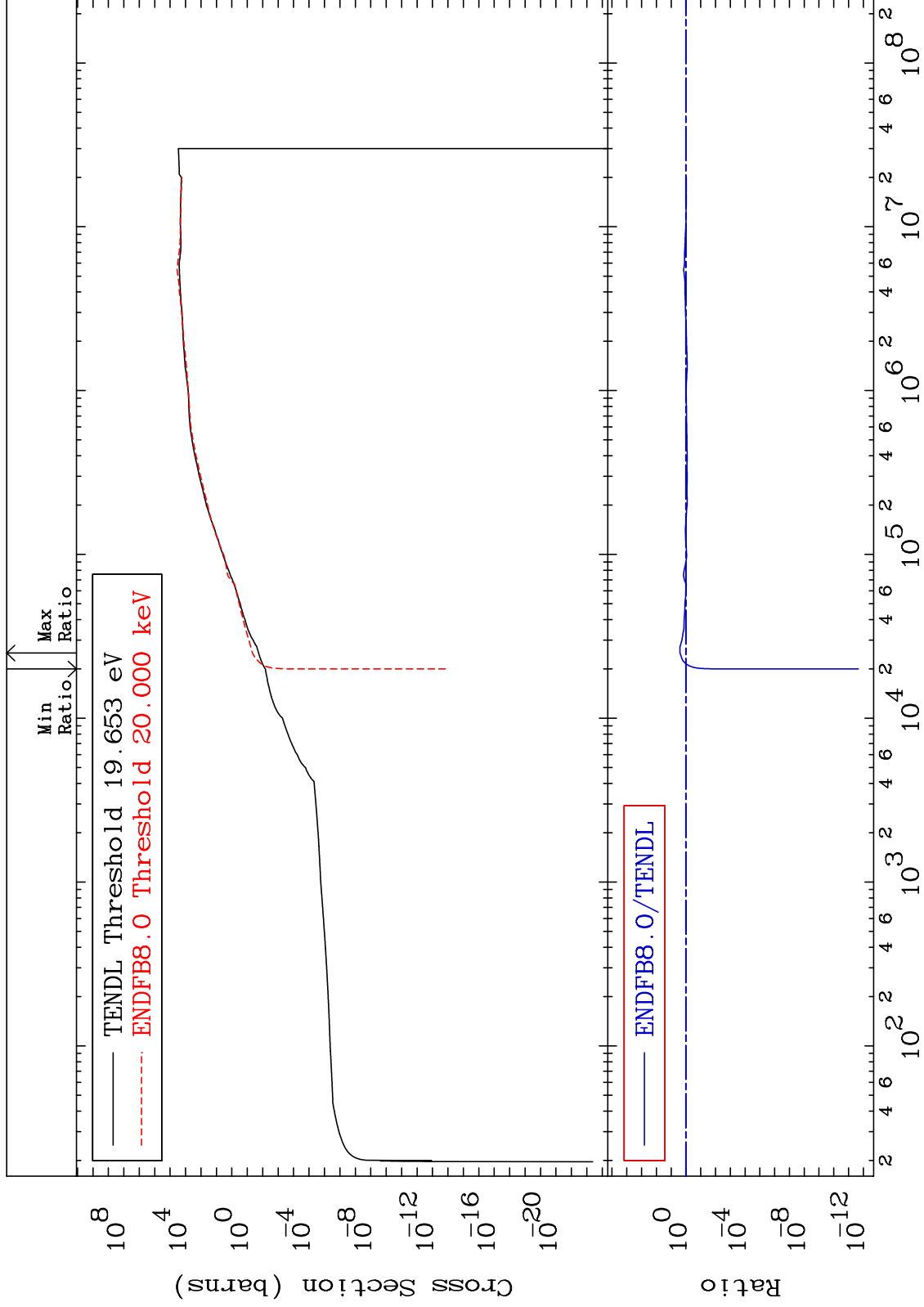
95-Am-242  
-93.15 To -3.681%



MAT 9547

Dpa inelastic (mt51-91)  
Cross Section

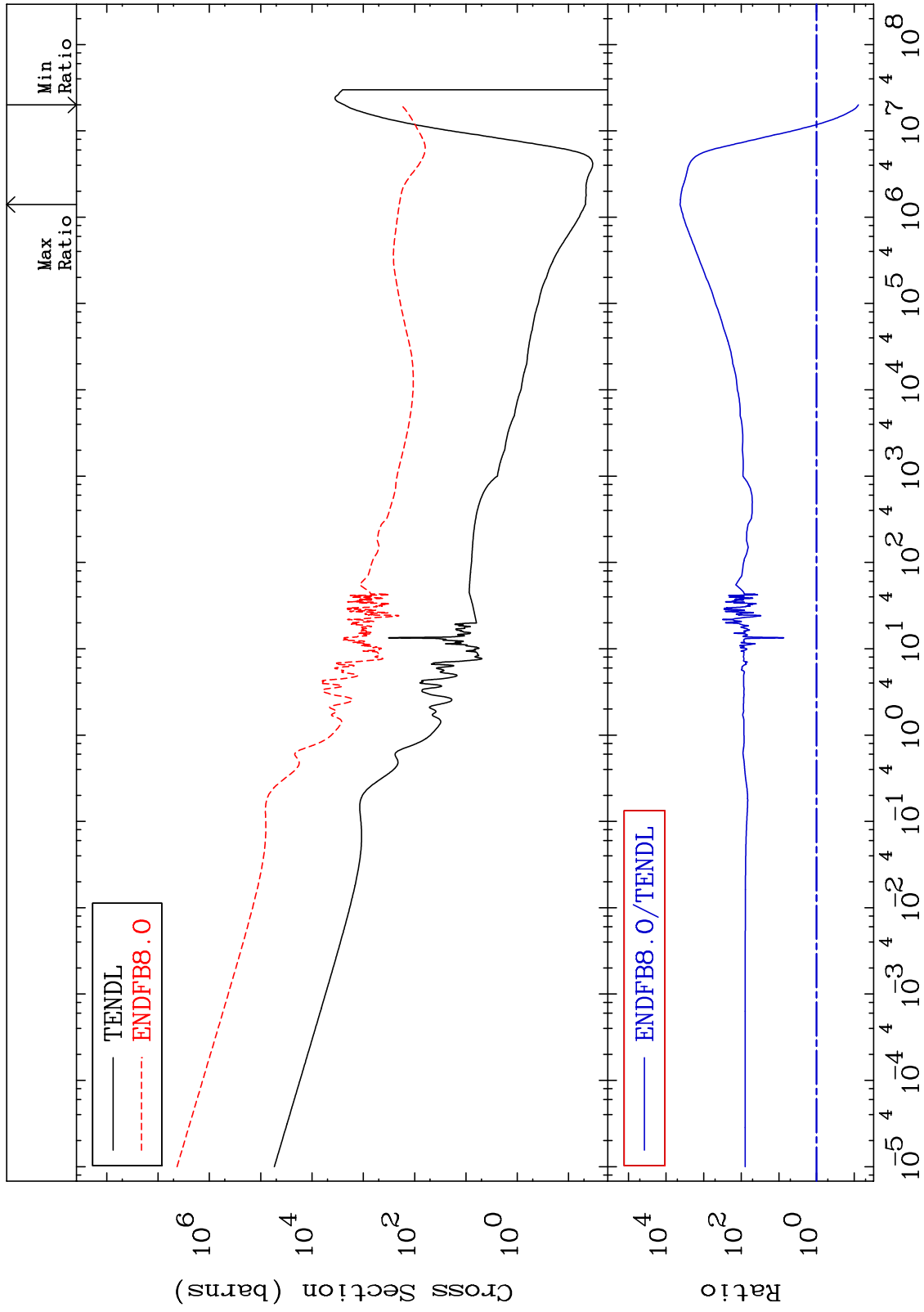
95-Am-242  
-100.0 To 150.7 %



MAT 9547

Dpa disappearance (mt102 -120)  
Cross Section

95-Am-242  
-92.29 To 9999. %



50

Incident Energy (eV)

95-Am-242