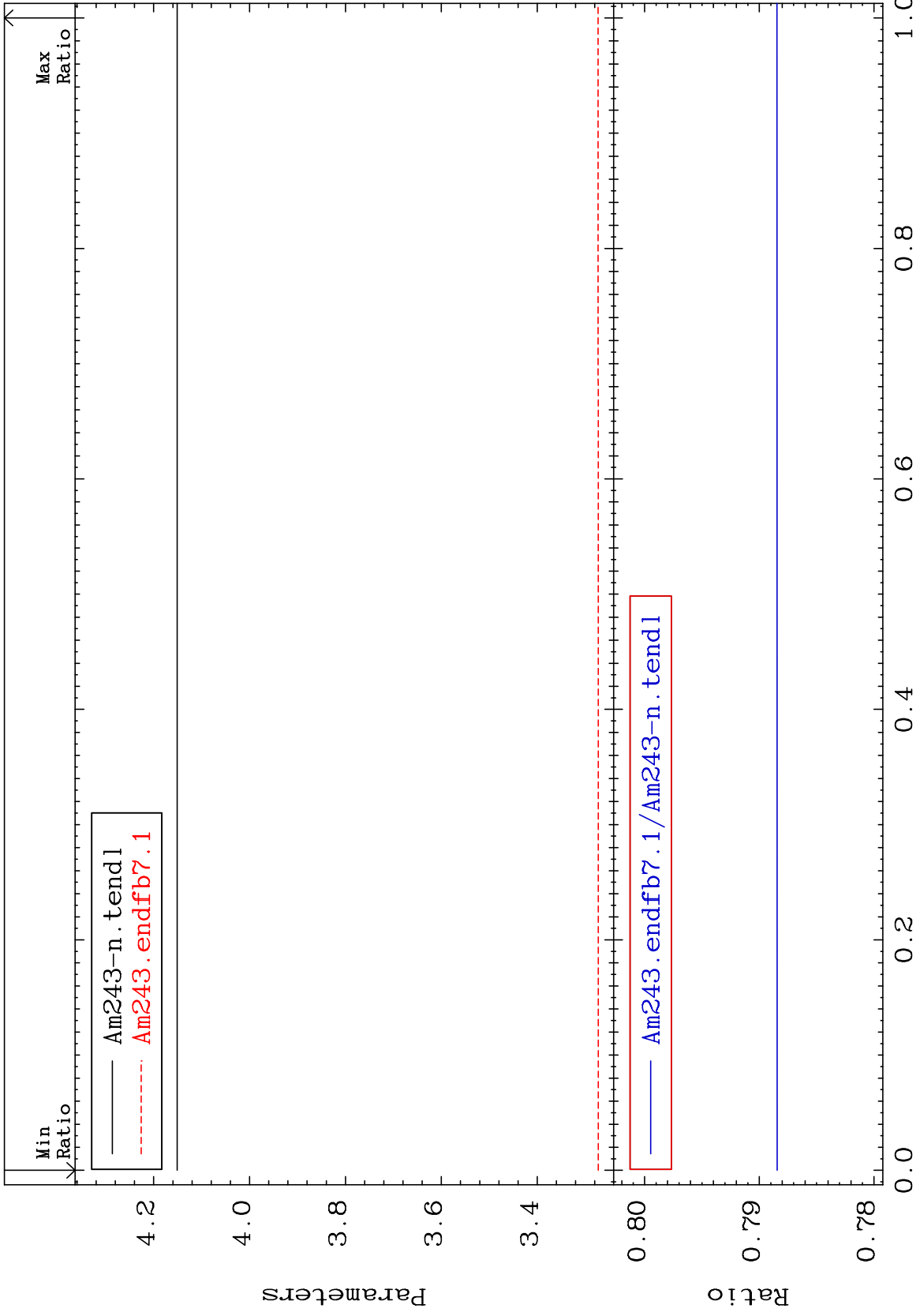


MAT 9549

Total  $\bar{\nu}$   
Parameters

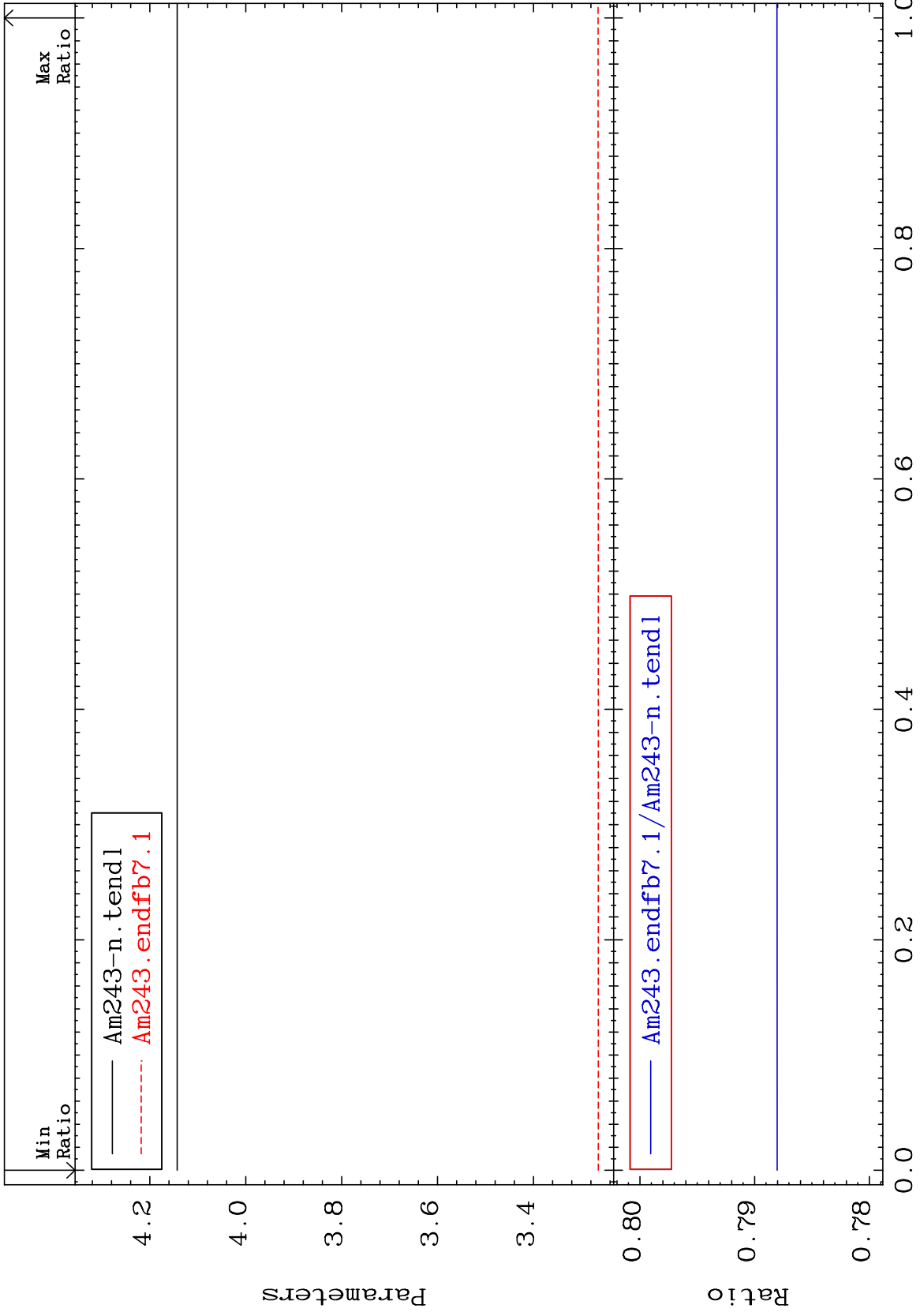
95-Am-243  
-21.16 To -21.15%



MAT 9549

Prompt  $\bar{\nu}$   
Parameters

95-Am-243  
-21.20 To -21.20%



2

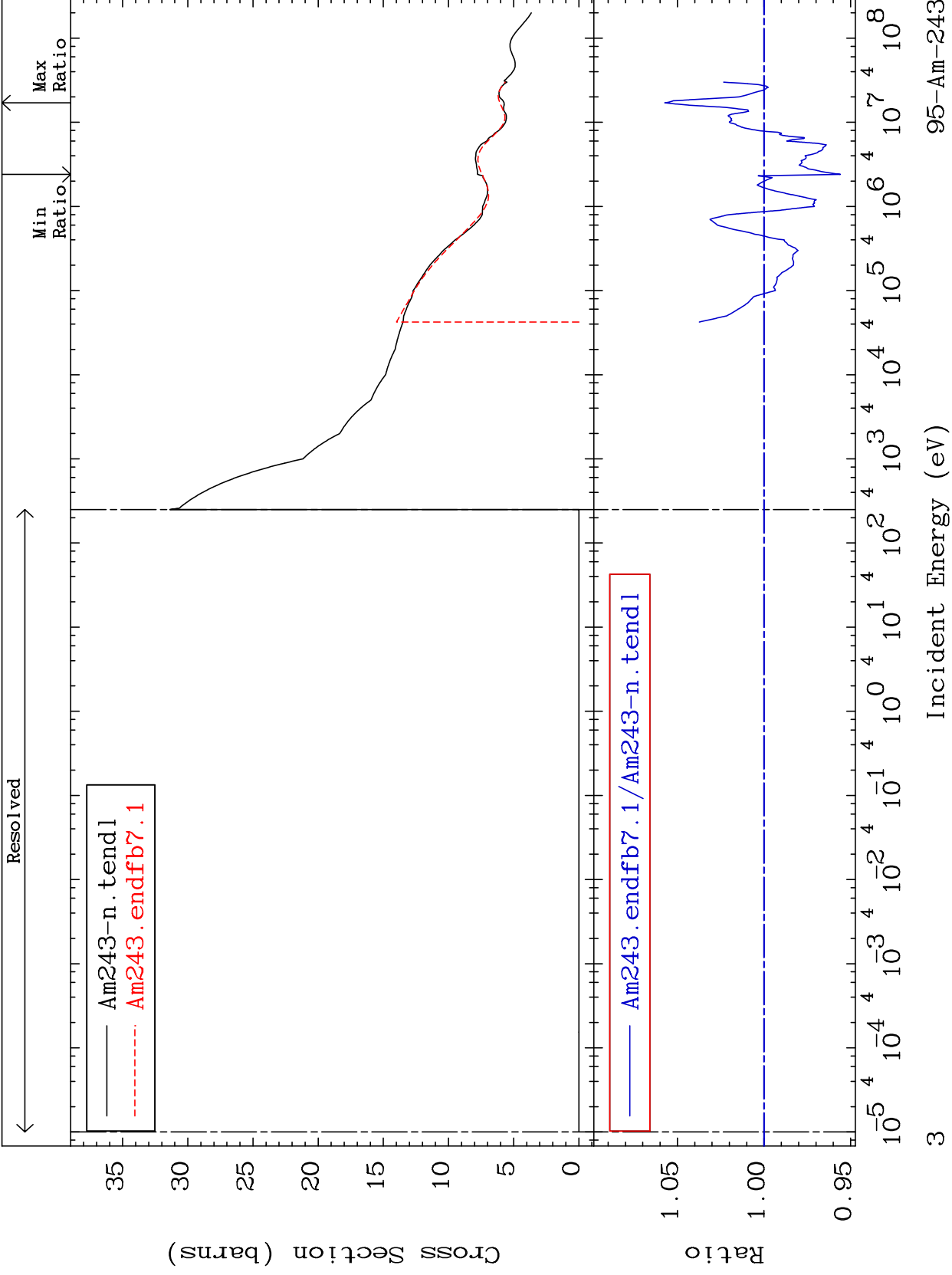
Incident Energy (KeV)

95-Am-243

MAT 9549

Total  
Cross Section

95-Am-243  
-4.409 To 5.727 %



95-Am-243

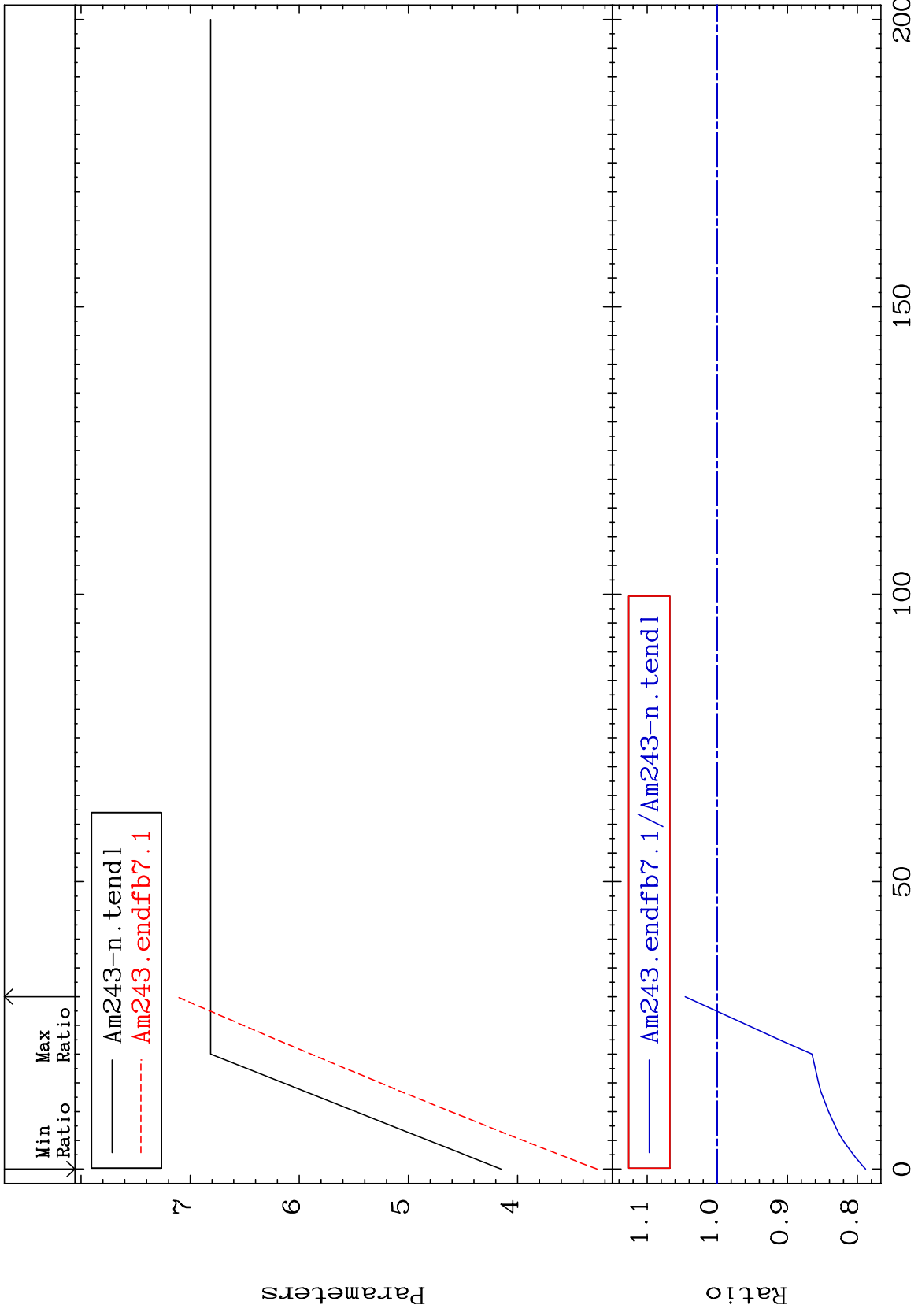
Incident Energy (eV)

3

MAT 9549

Total  $\bar{\nu}$   
Parameters

95-Am-243  
-21.16 To 4.566 %



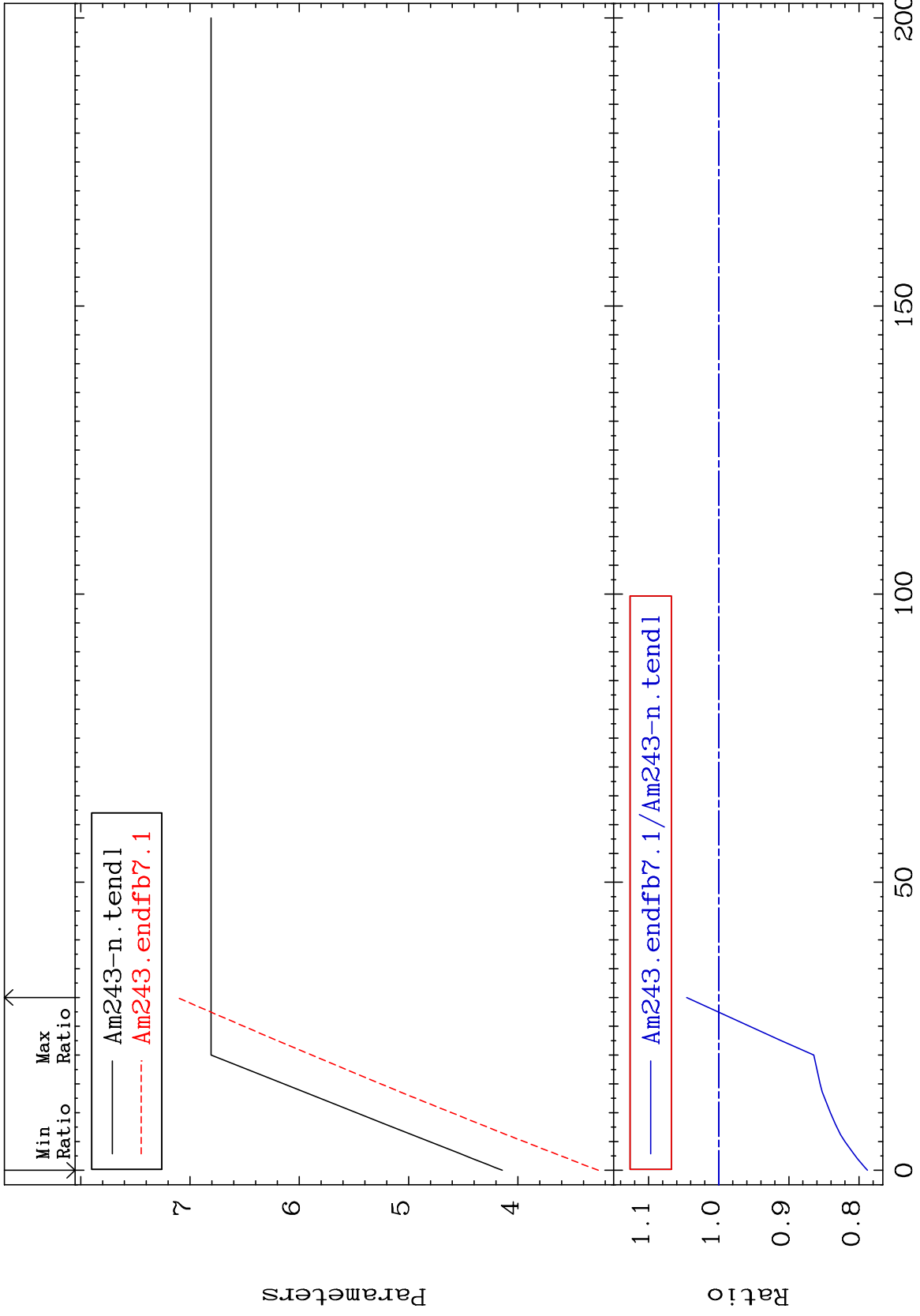
Incident Energy (MeV)

95-Am-243

MAT 9549

Prompt  $\bar{\nu}$   
Parameters

95-Am-243  
-21.20 To 4.570 %



95-Am-243

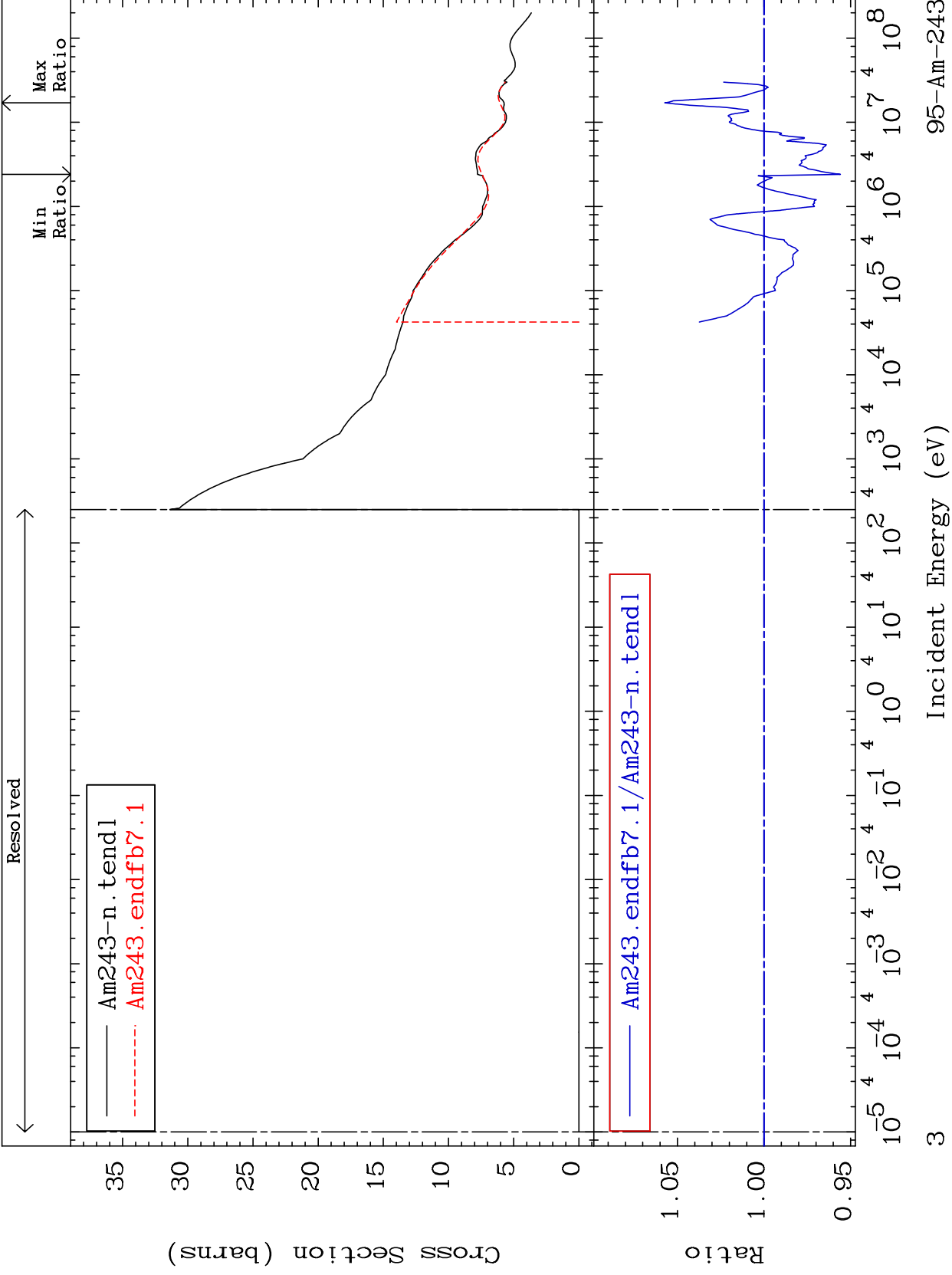
Incident Energy (MeV)

2

MAT 9549

Total  
Cross Section

95-Am-243  
-4.409 To 5.727 %



95-Am-243

Incident Energy (eV)

3

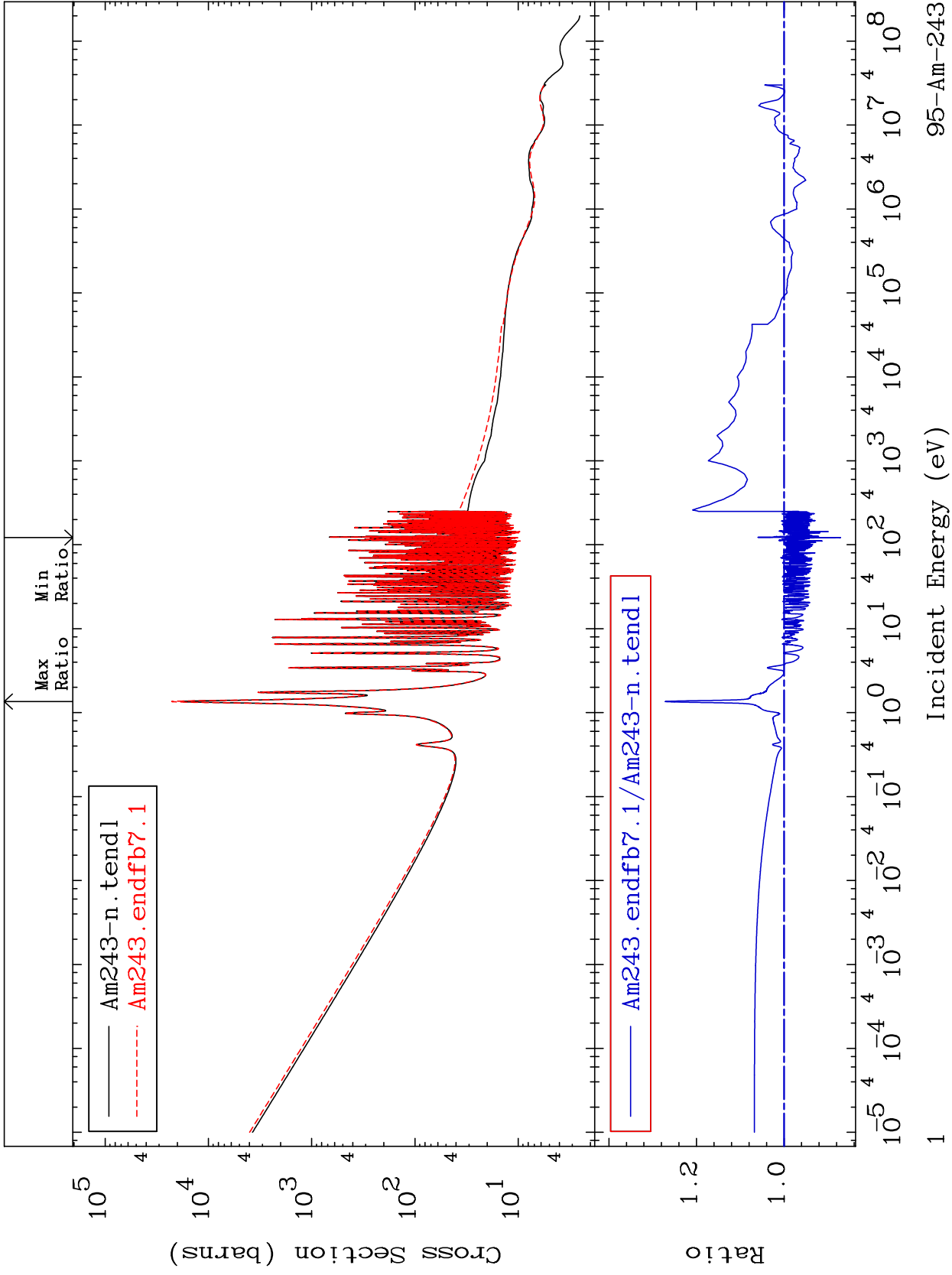
MAT 9549

Total

95-Am-243

Cross Section

-12.92 To 27.08 %

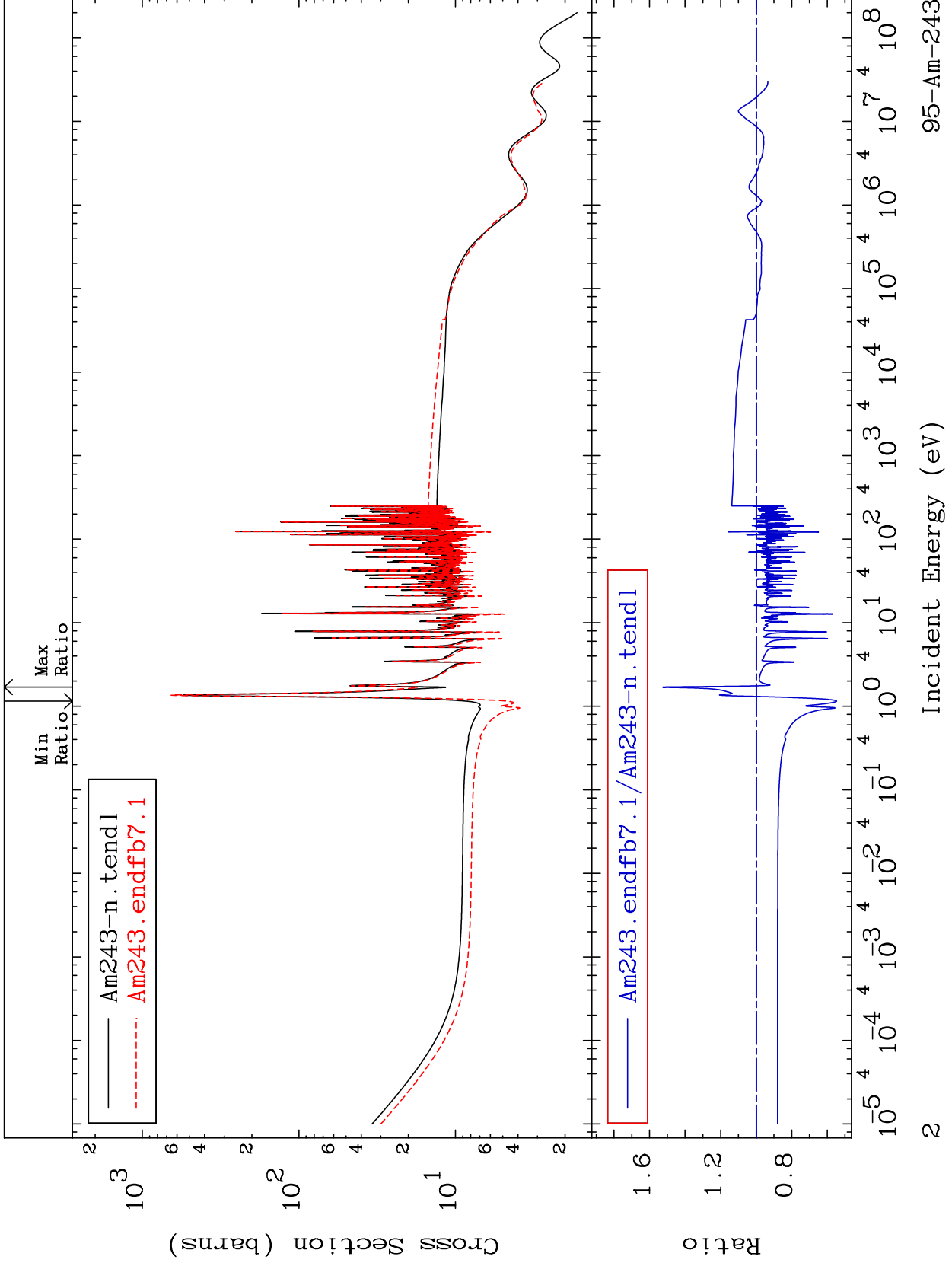


95-Am-243

MAT 9549

Elastic  
Cross Section

95-Am-243  
-45.29 To 52.83 %

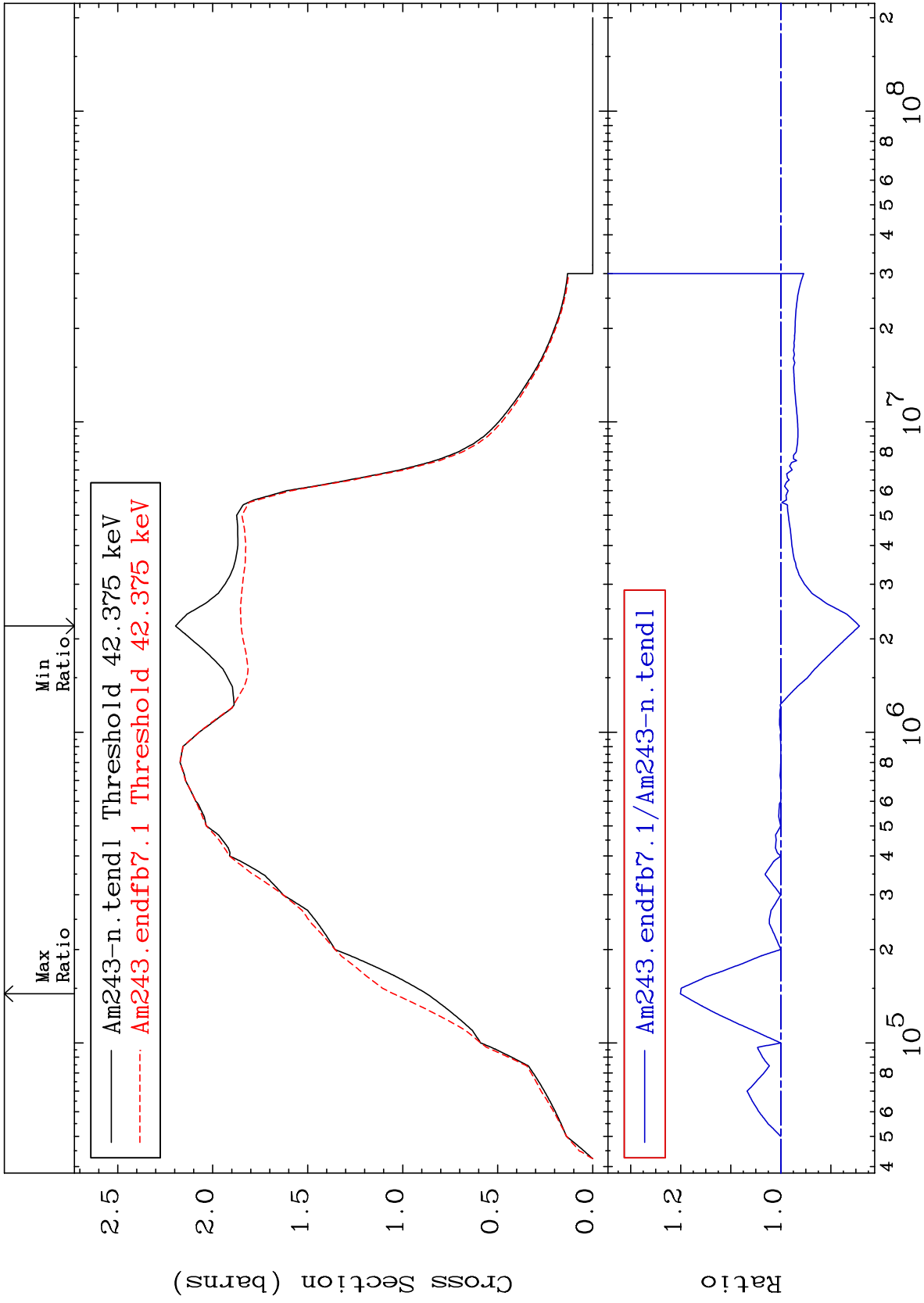




MAT 9549

Inelastic  
Cross Section

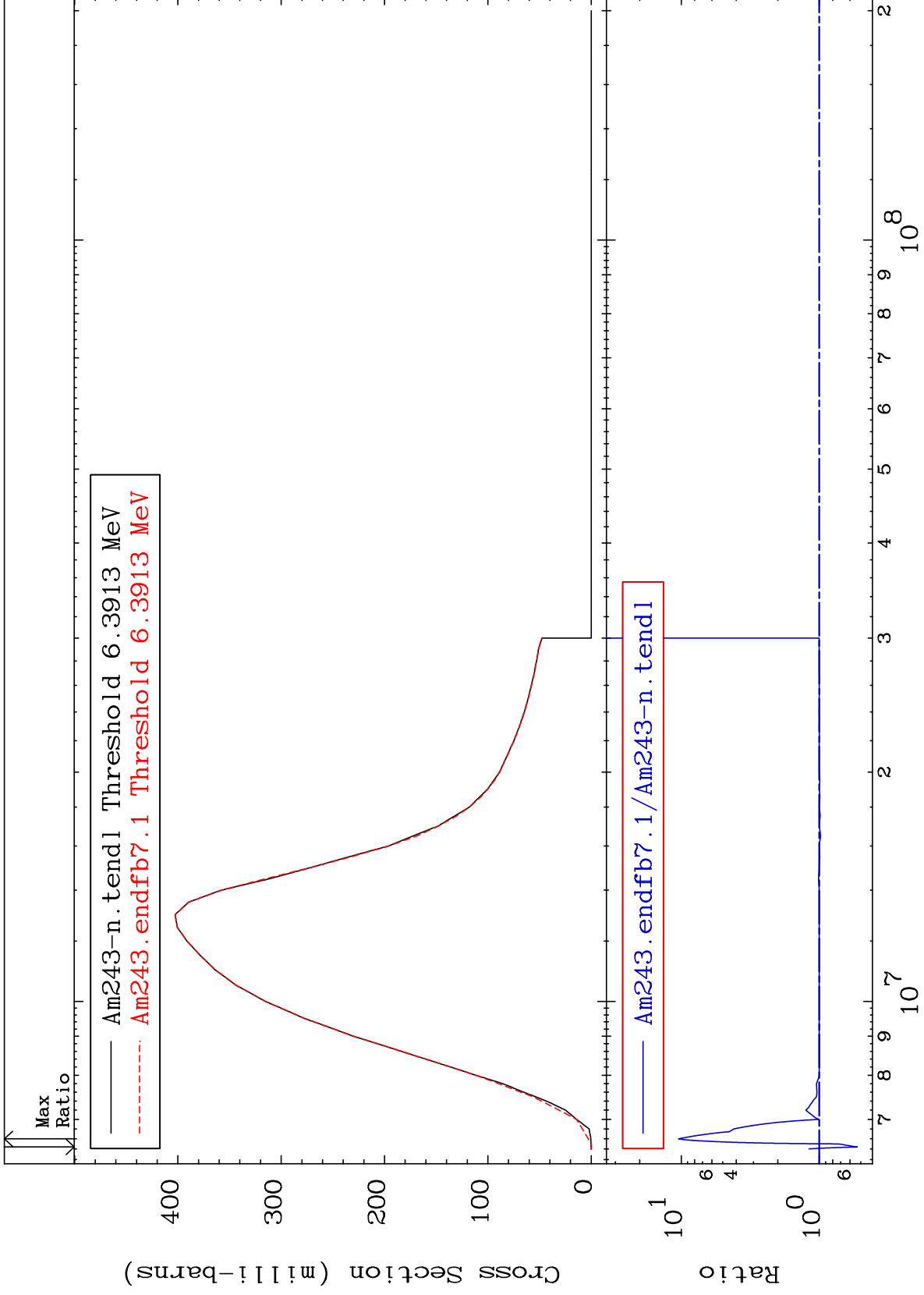
95-Am-243  
-15.72 To 20.07 %



MAT 9549

(n,2n)  
Cross Section

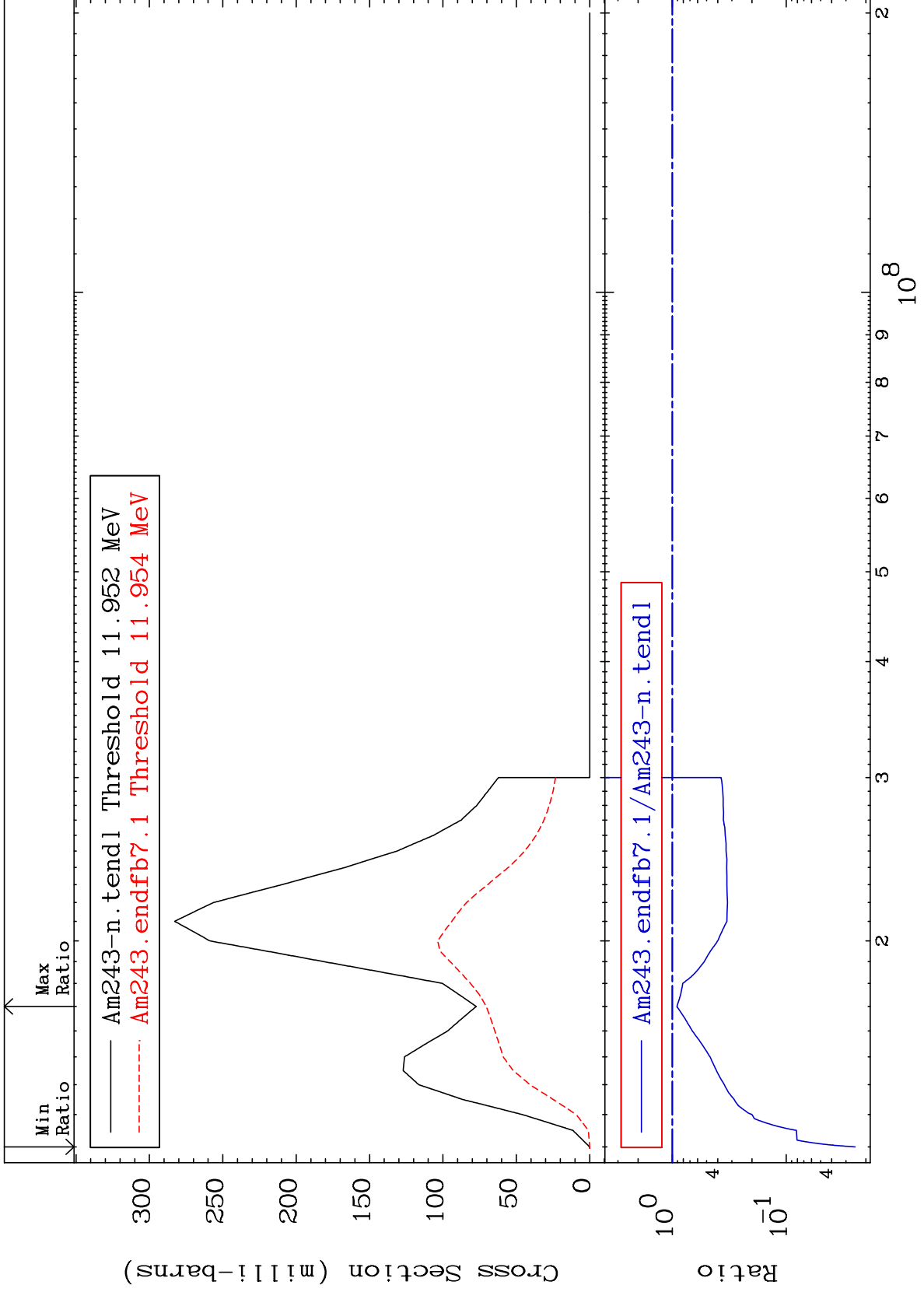
95-Am-243  
-46.93 To 943.7 %



MAT 9549

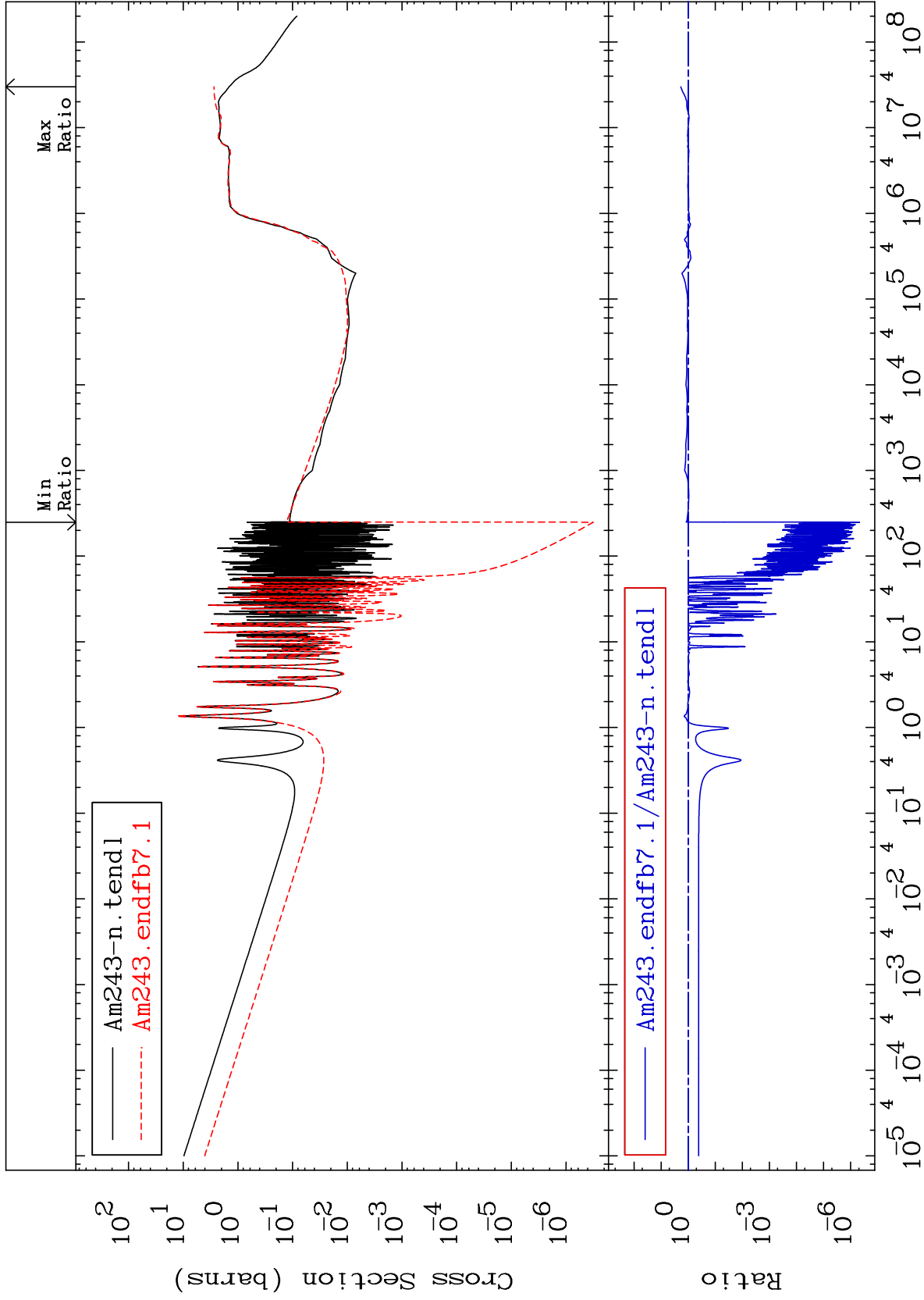
(n,3n)  
Cross Section

95-Am-243  
-97.51 To -8.867%



MAT 9549

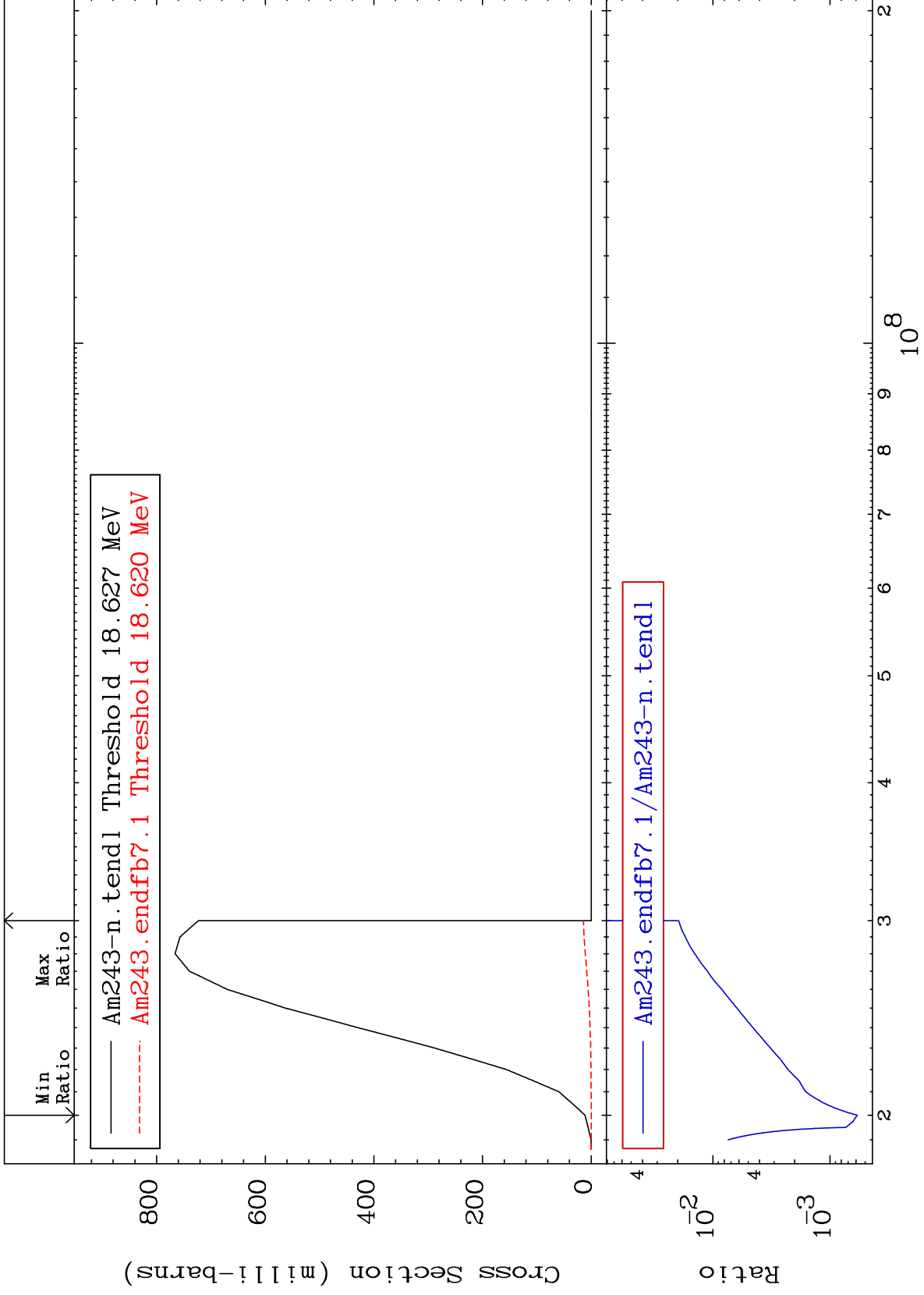
Fission Cross Section  
95-Am-243  
-100.0 To 89.12 %



MAT 9549

(n,4n)  
Cross Section

95-Am-243  
-99.94 To -98.03%

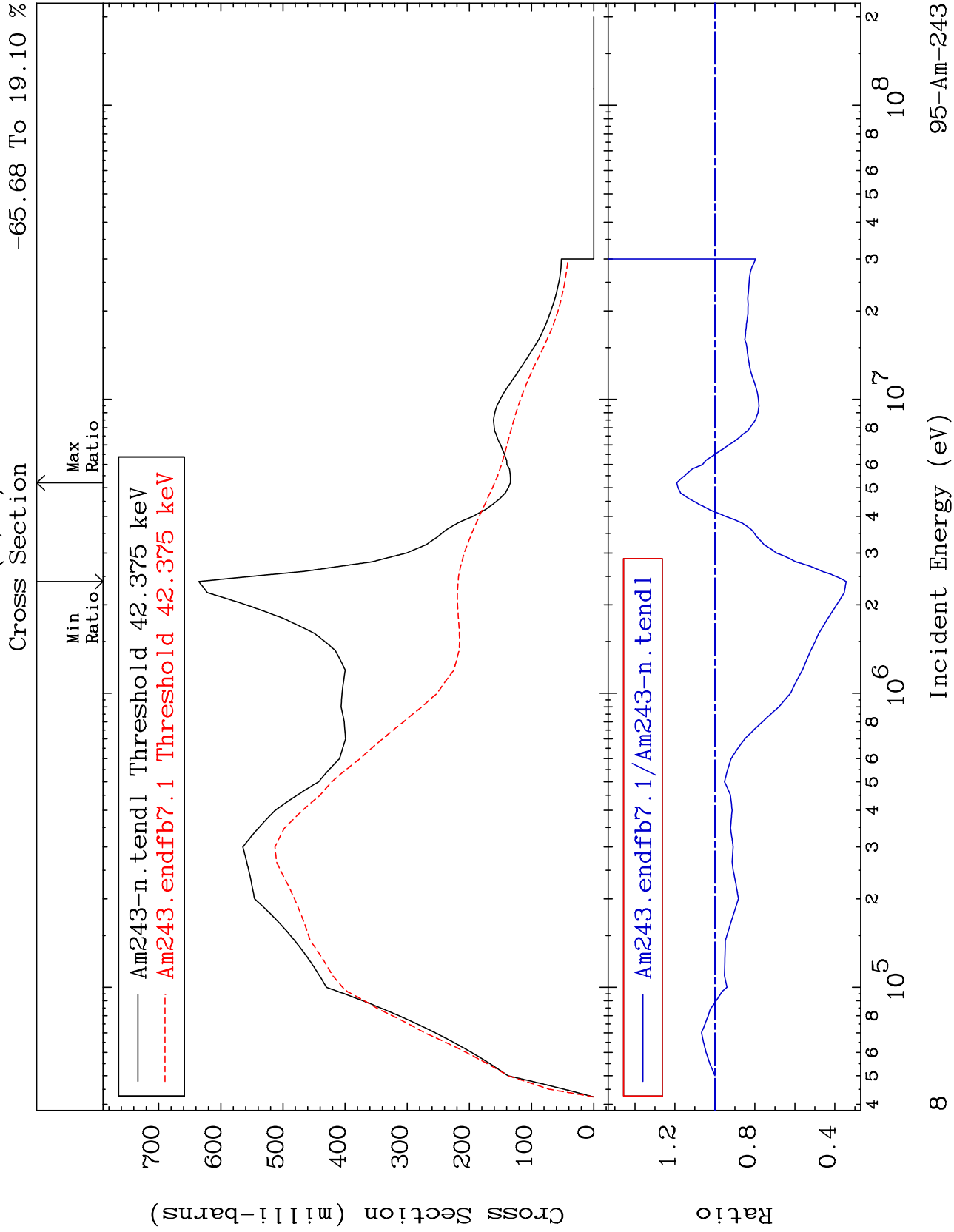


MAT 9549

42.20 keV (n,n') Level

95-Am-243

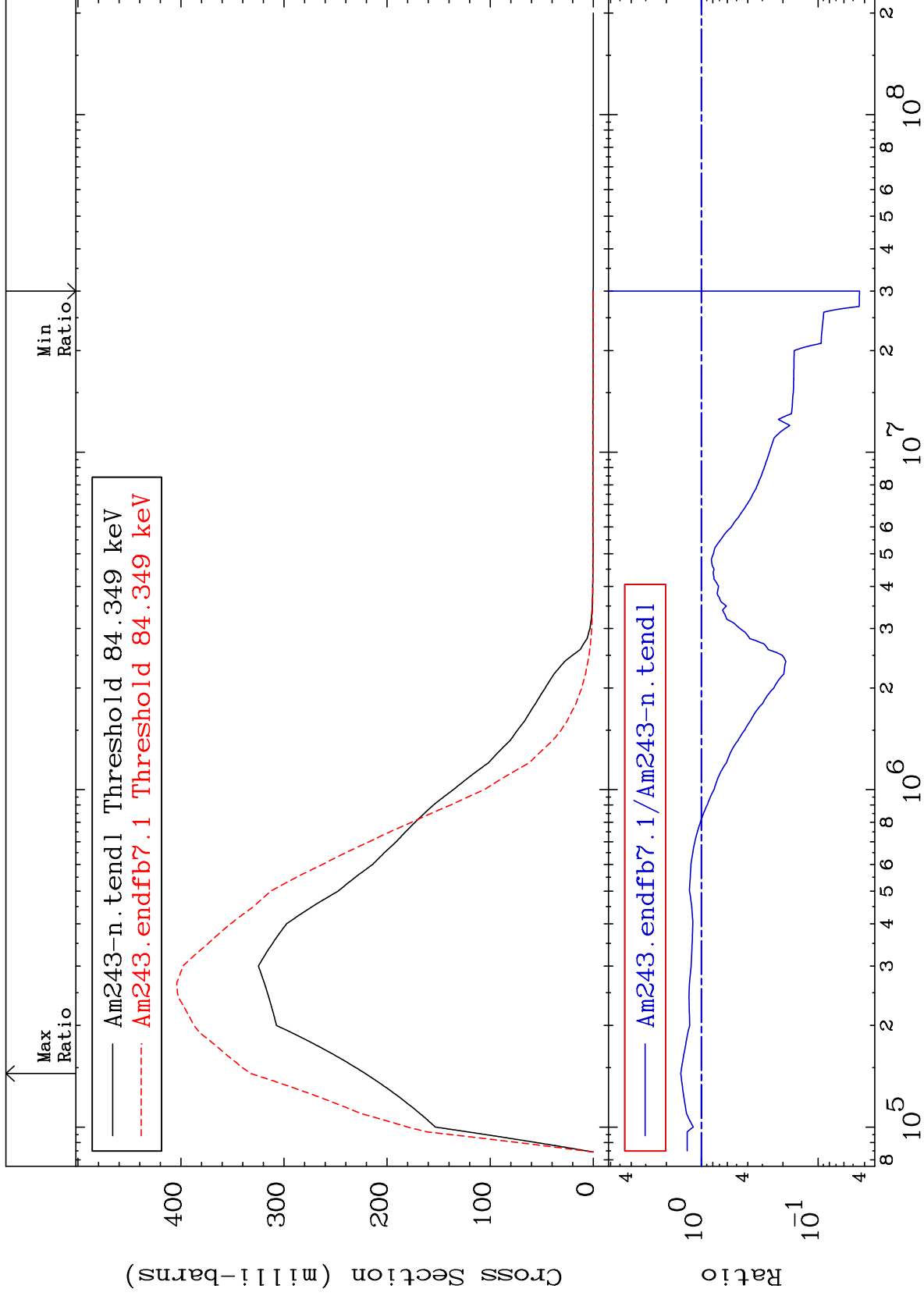
-65.68 To 19.10 %



MAT 9549

84.00 keV (n,n') Level  
Cross Section

95-Am-243  
-95.59 To 50.21 %



9

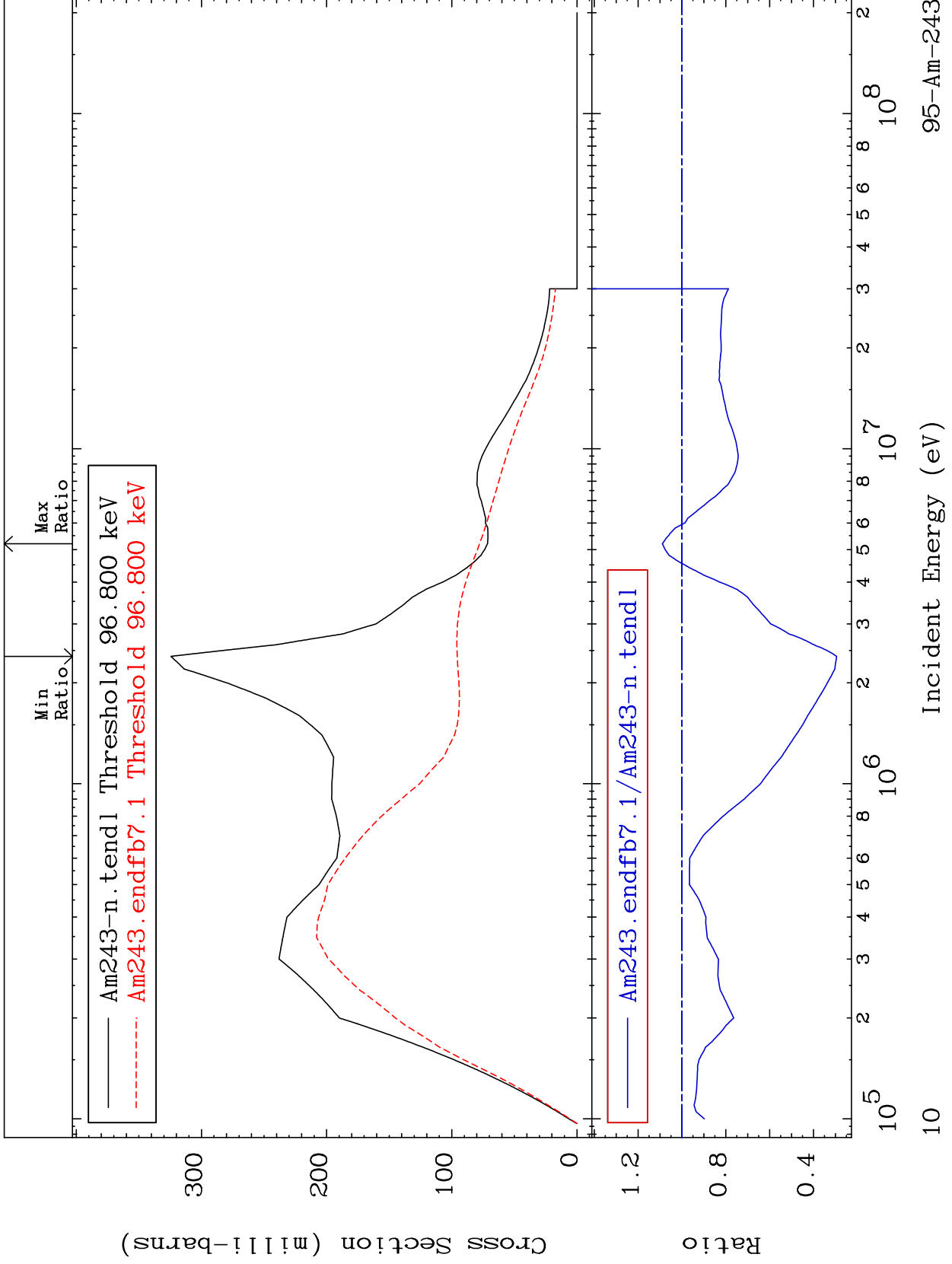
Incident Energy (eV)

95-Am-243

MAT 9549

96.40 keV (n,n') Level  
Cross Section

95-Am-243  
-70.54 To 8.948 %

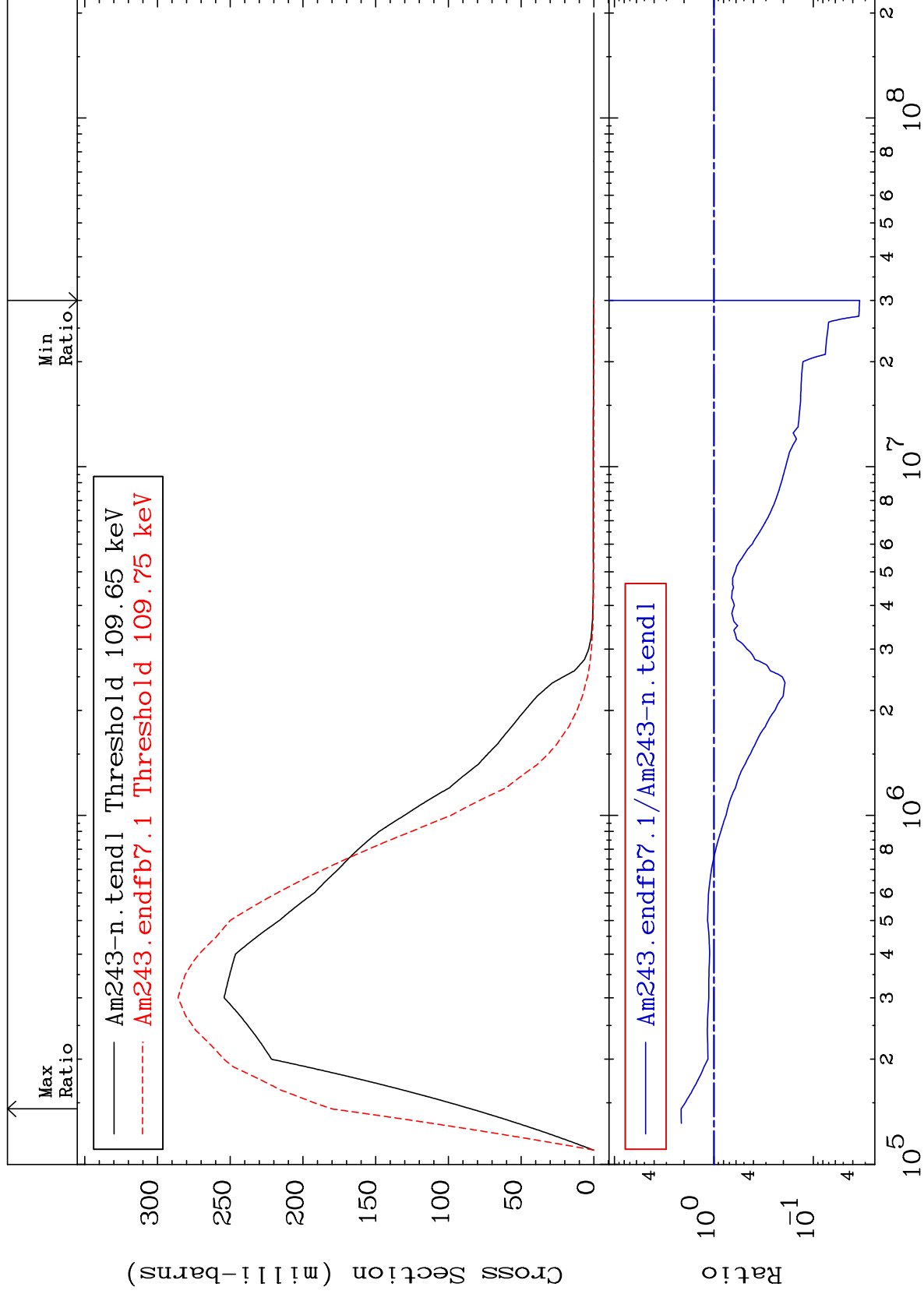




MAT 9549

109.2 keV (n,n') Level  
Cross Section

95-Am-243  
-96.58 To 113.3 %



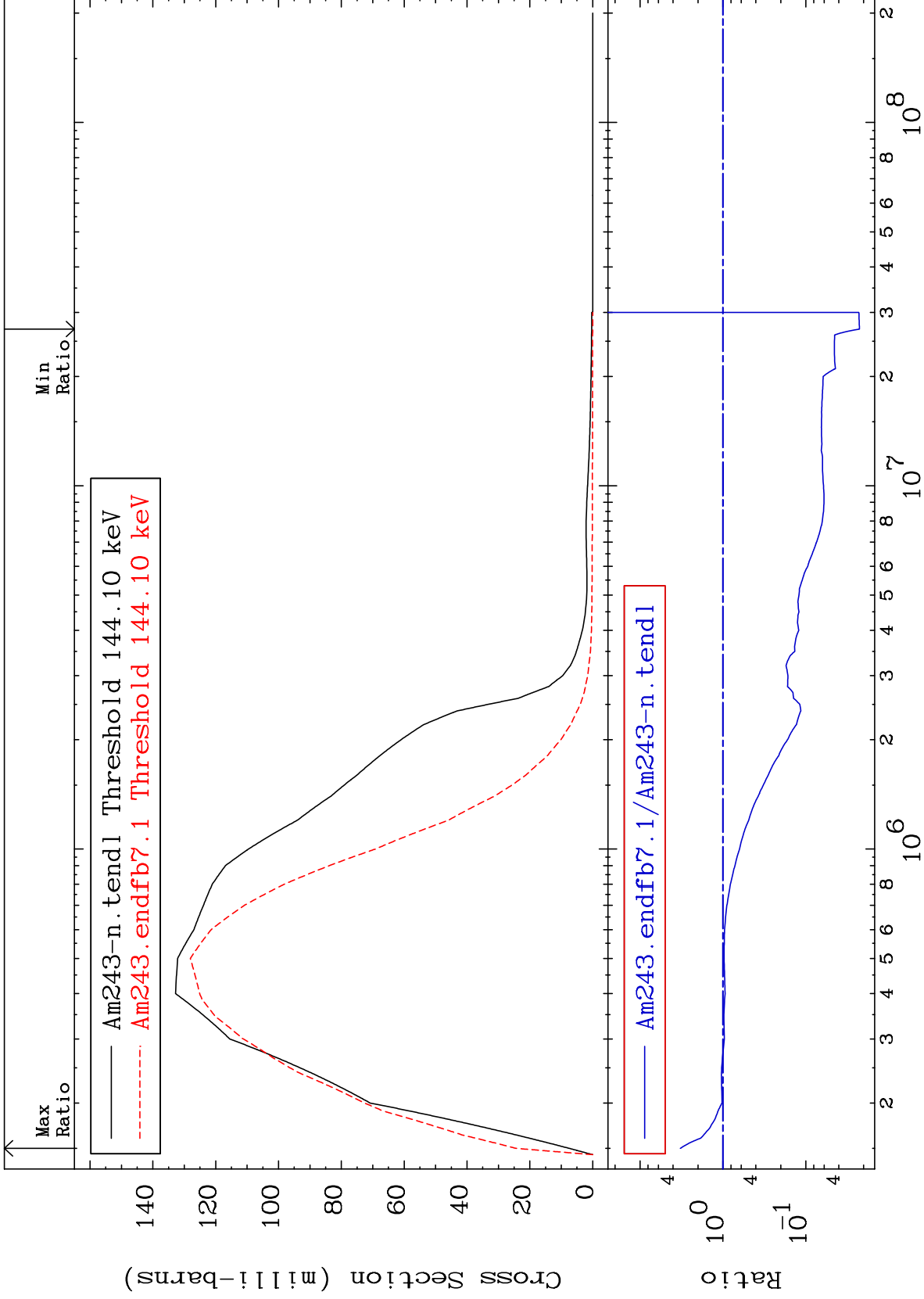
11

95-Am-243

MAT 9549

143.5 keV (n,n') Level  
Cross Section

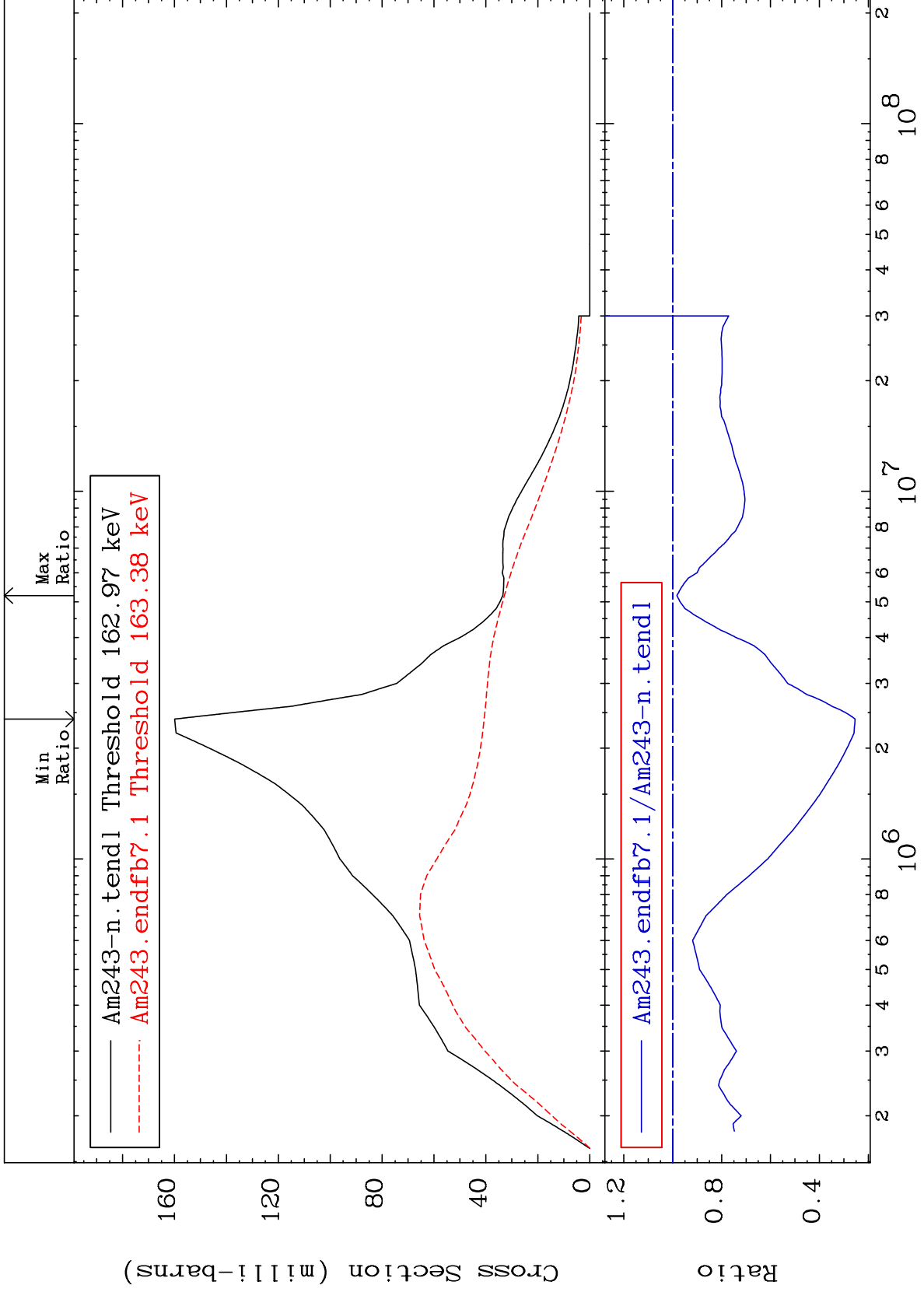
95-Am-243  
-97.75 To 226.2 %



MAT 9549

162.3 keV (n,n') Level  
Cross Section

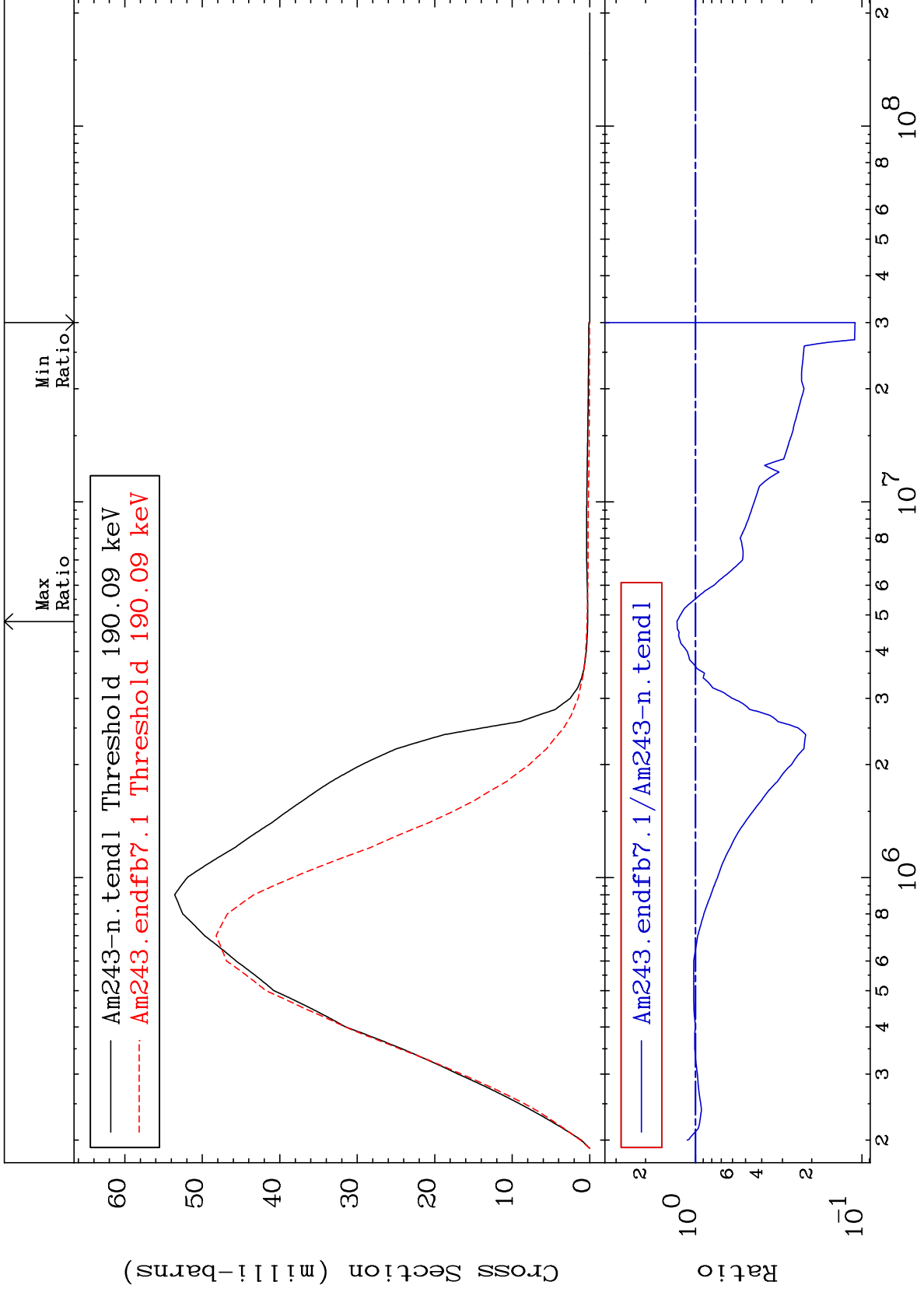
95-Am-243  
-74.57 To -1.729%



MAT 9549

189.3 keV (n,n') Level  
Cross Section

95-Am-243  
-89.02 To 29.39 %



14

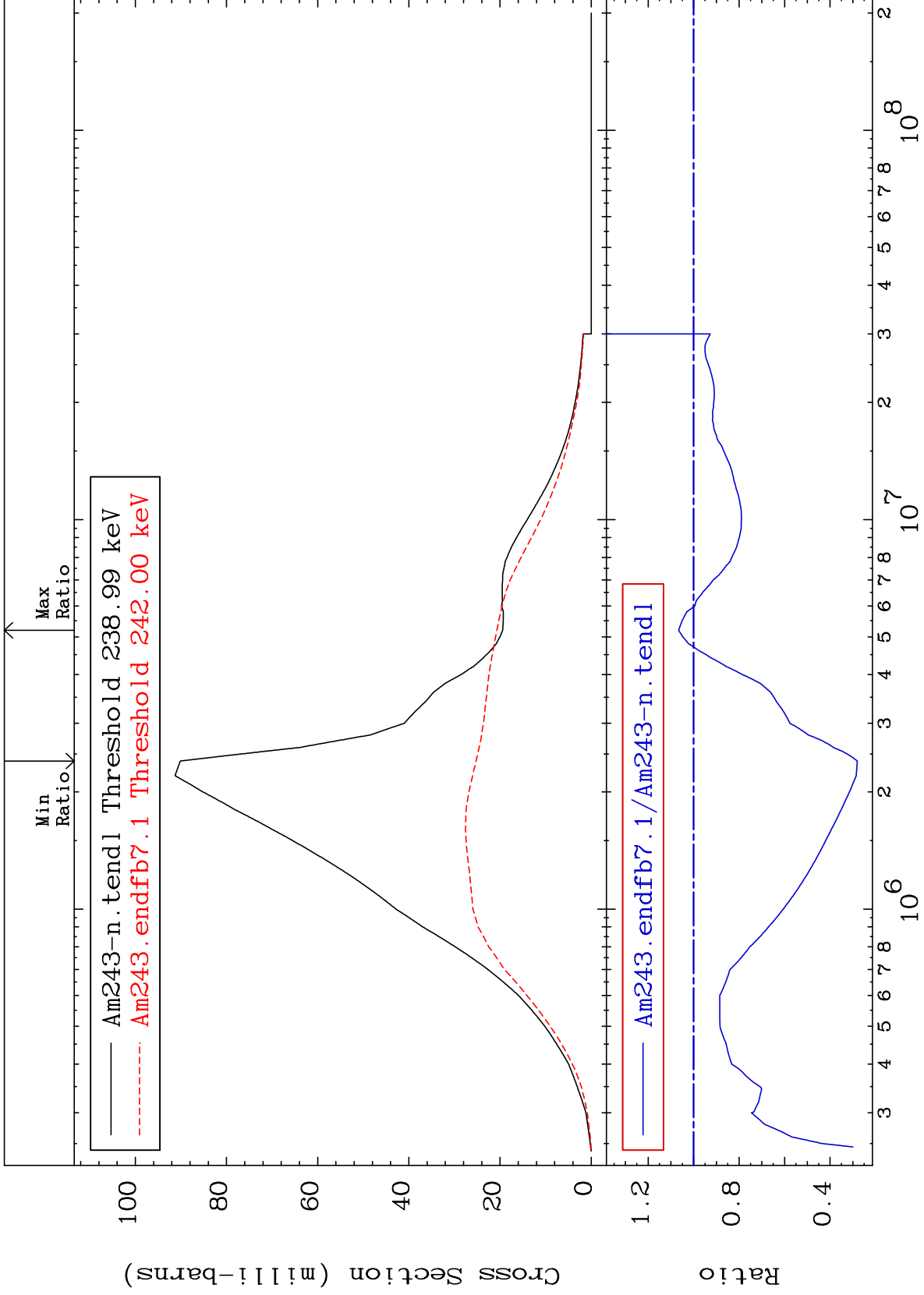
Incident Energy (eV)

95-Am-243

MAT 9549

238.0 keV (n,n') Level  
Cross Section

95-Am-243  
-71.96 To 6.594 %



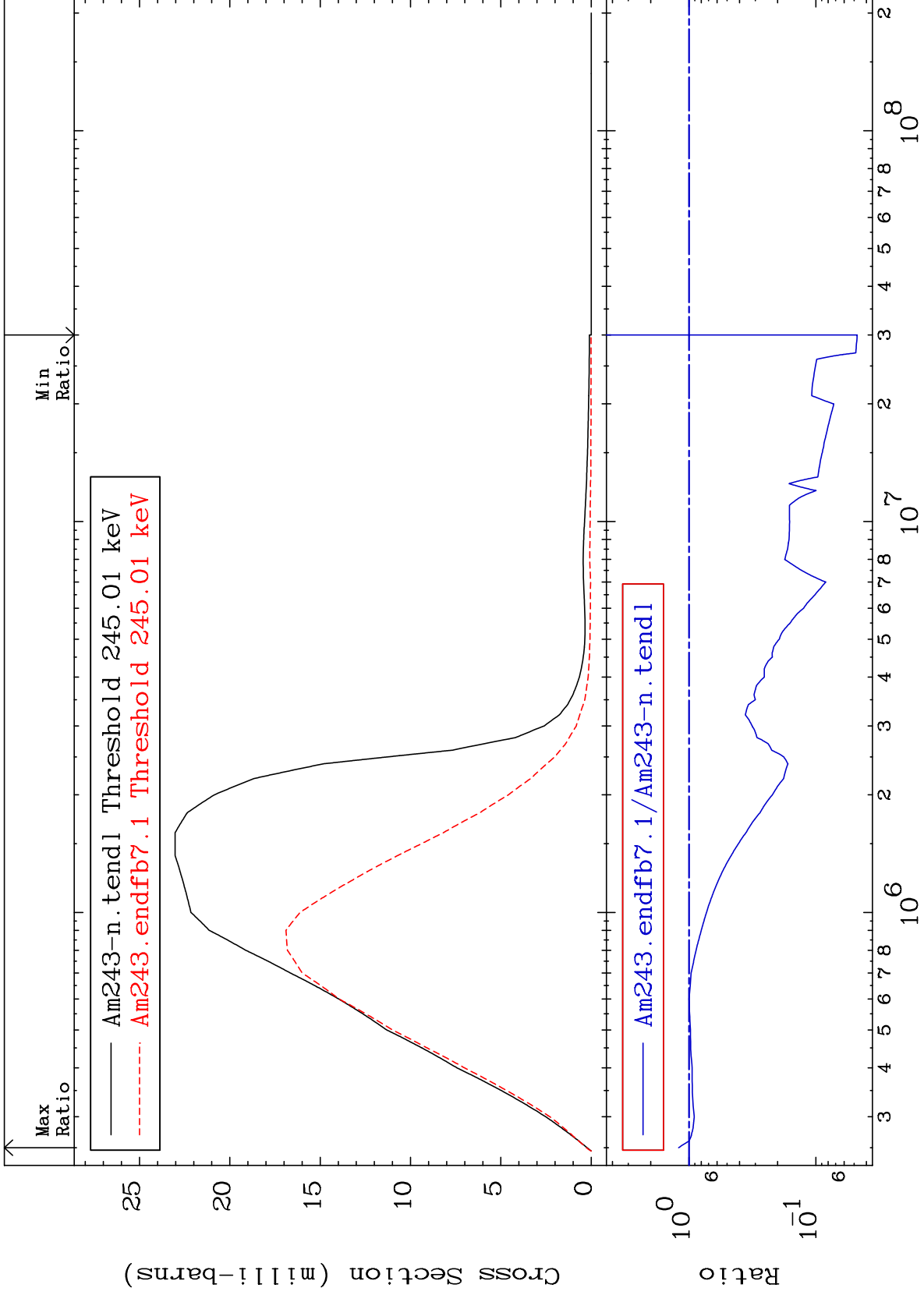
15

95-Am-243

MAT 9549

244.0 keV (n,n') Level  
Cross Section

95-Am-243  
-95.27 To 20.47 %



16

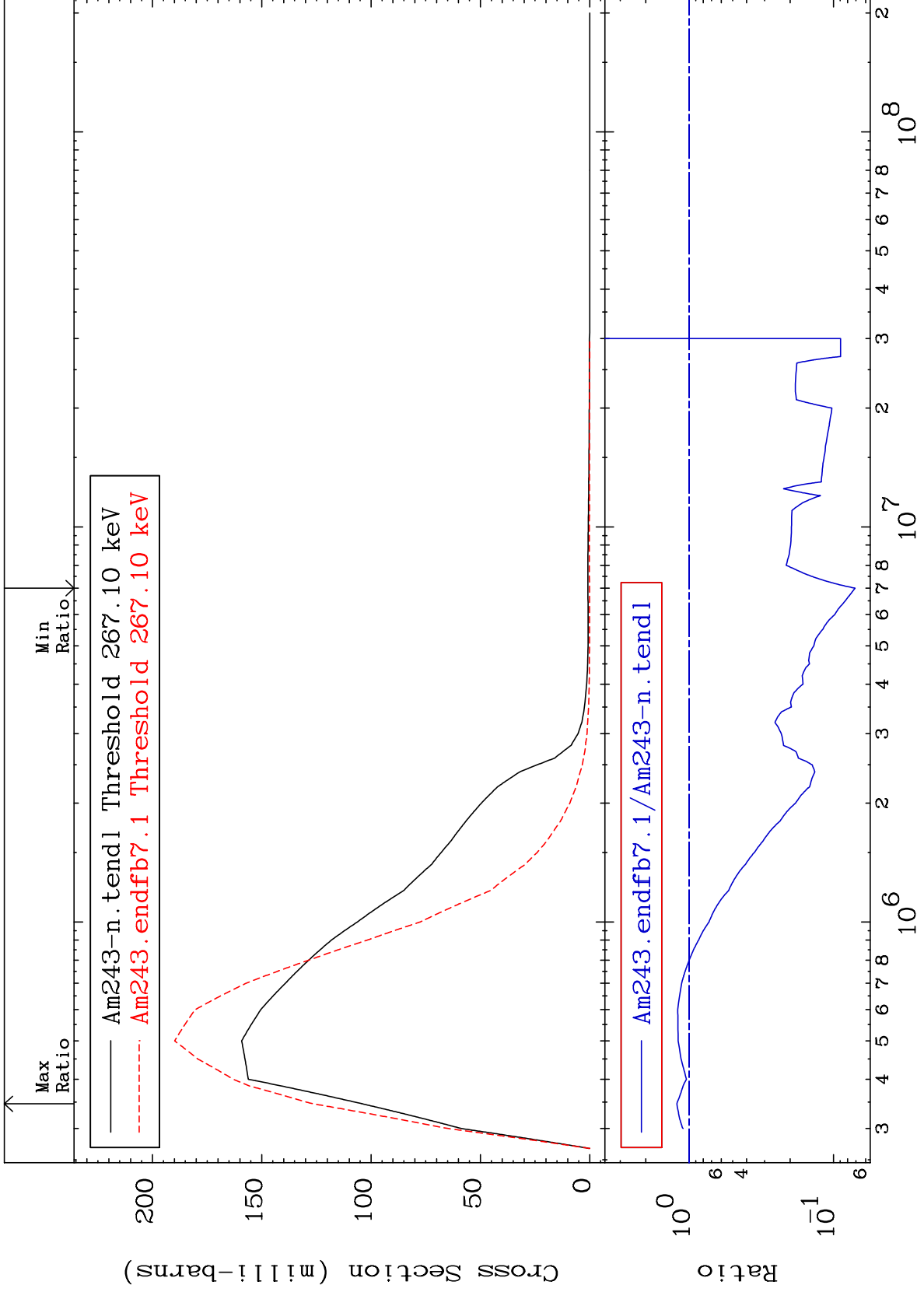
Incident Energy (eV)

95-Am-243

MAT 9549

266.0 keV (n,n') Level  
Cross Section

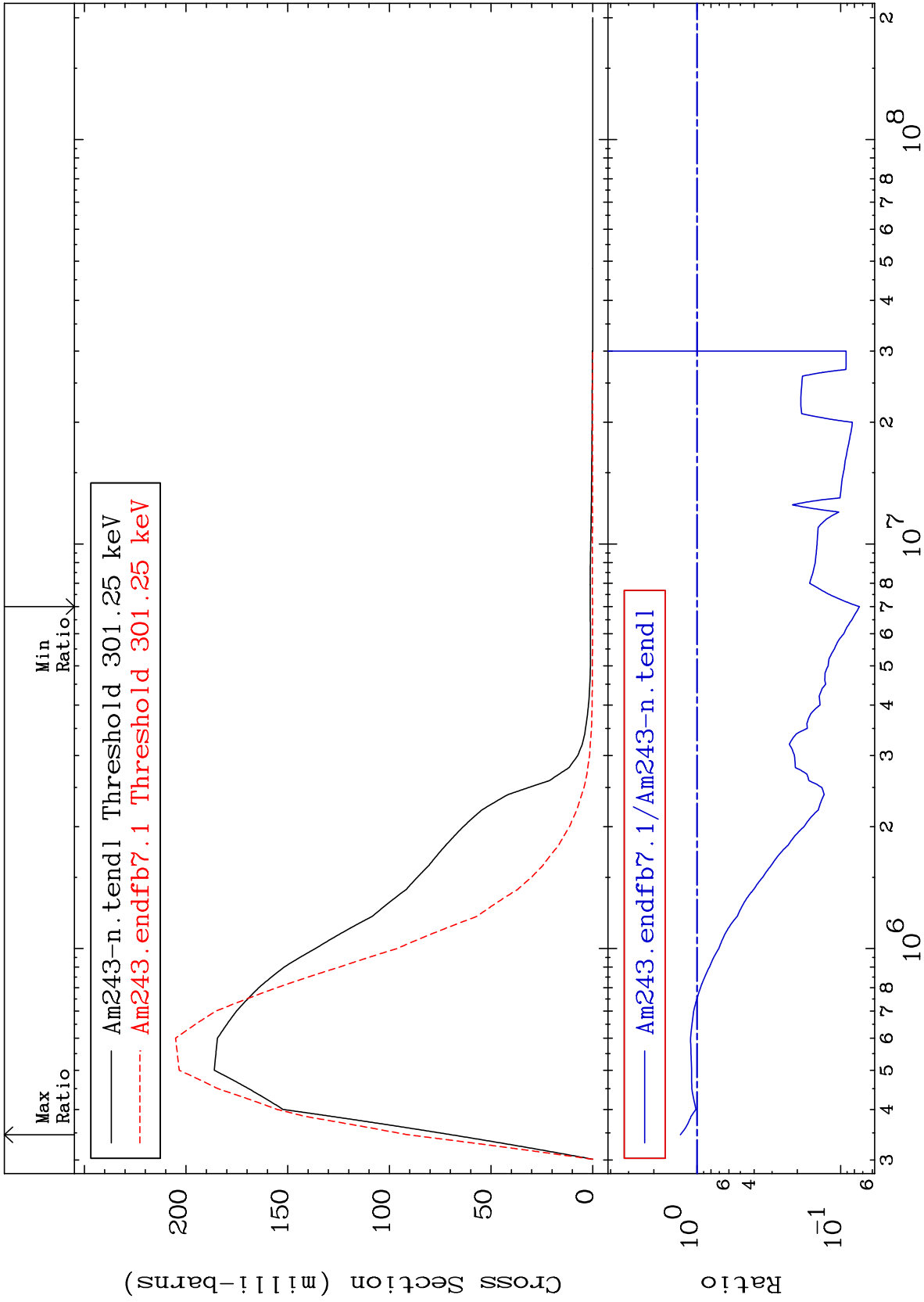
95-Am-243  
-92.90 To 21.57 %



MAT 9549

300.0 keV (n,n') Level  
Cross Section

95-Am-243  
-92.61 To 30.74 %

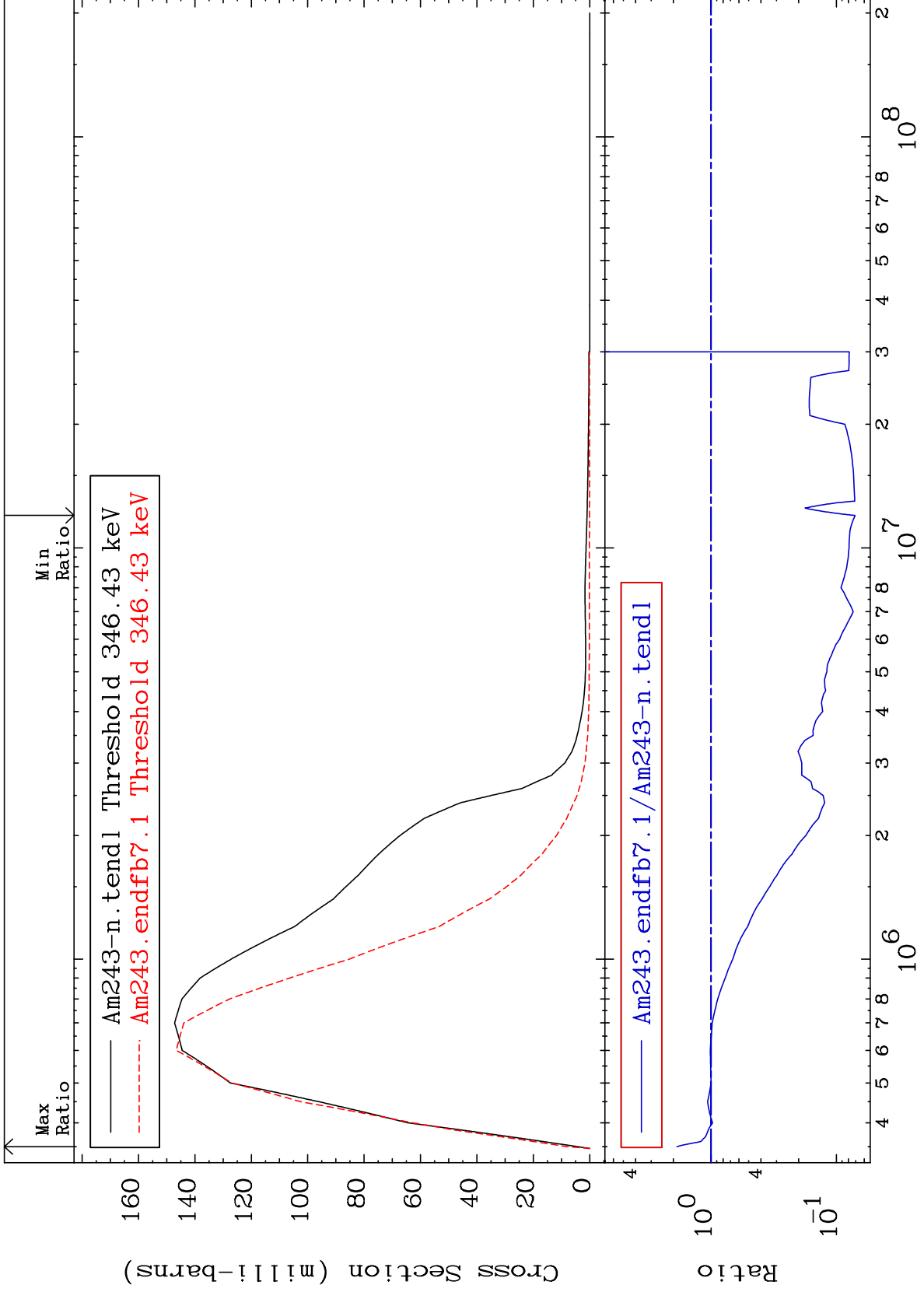




MAT 9549

345.0 keV (n,n') Level  
Cross Section

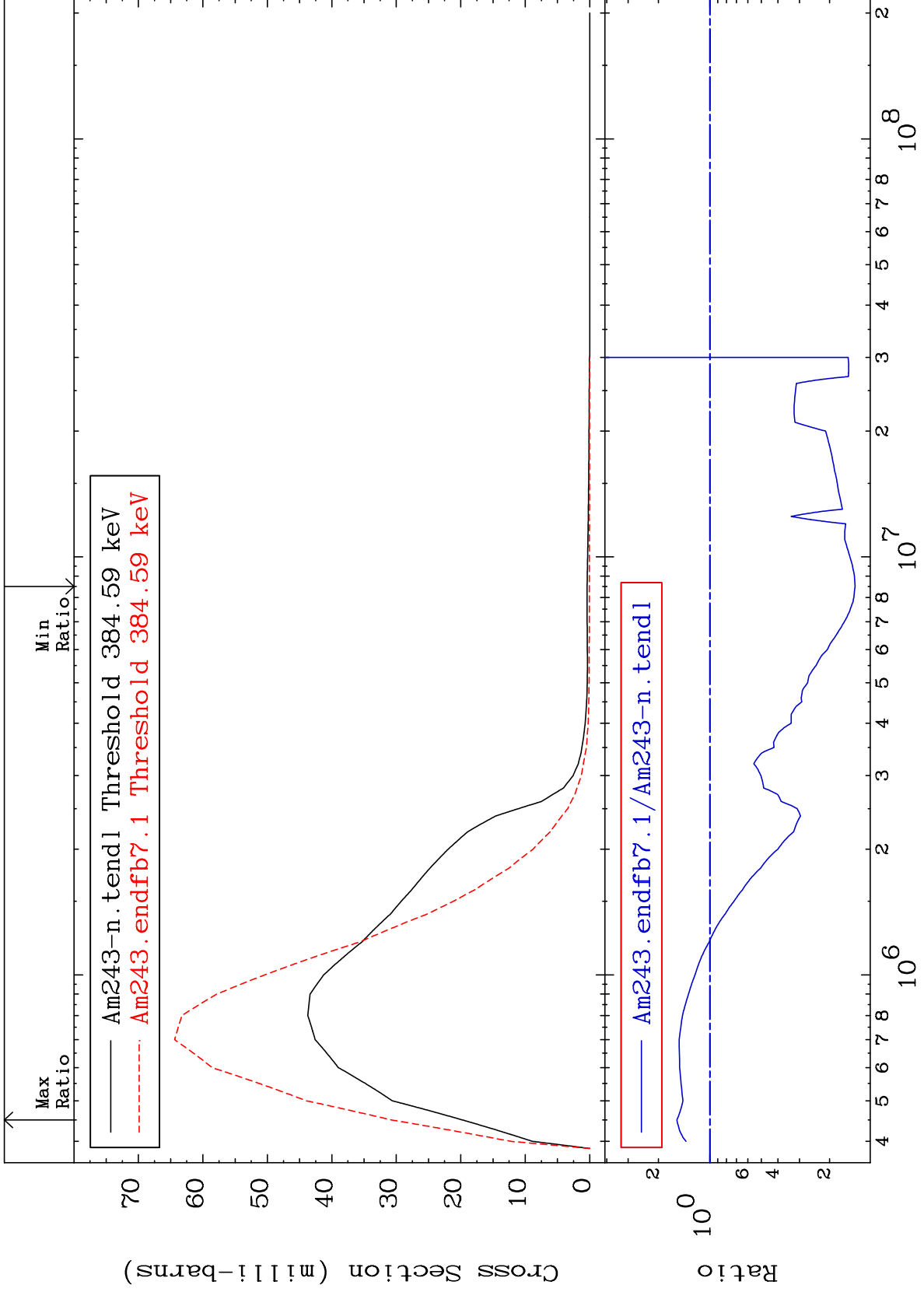
95-Am-243  
-92.92 To 87.05 %



MAT 9549

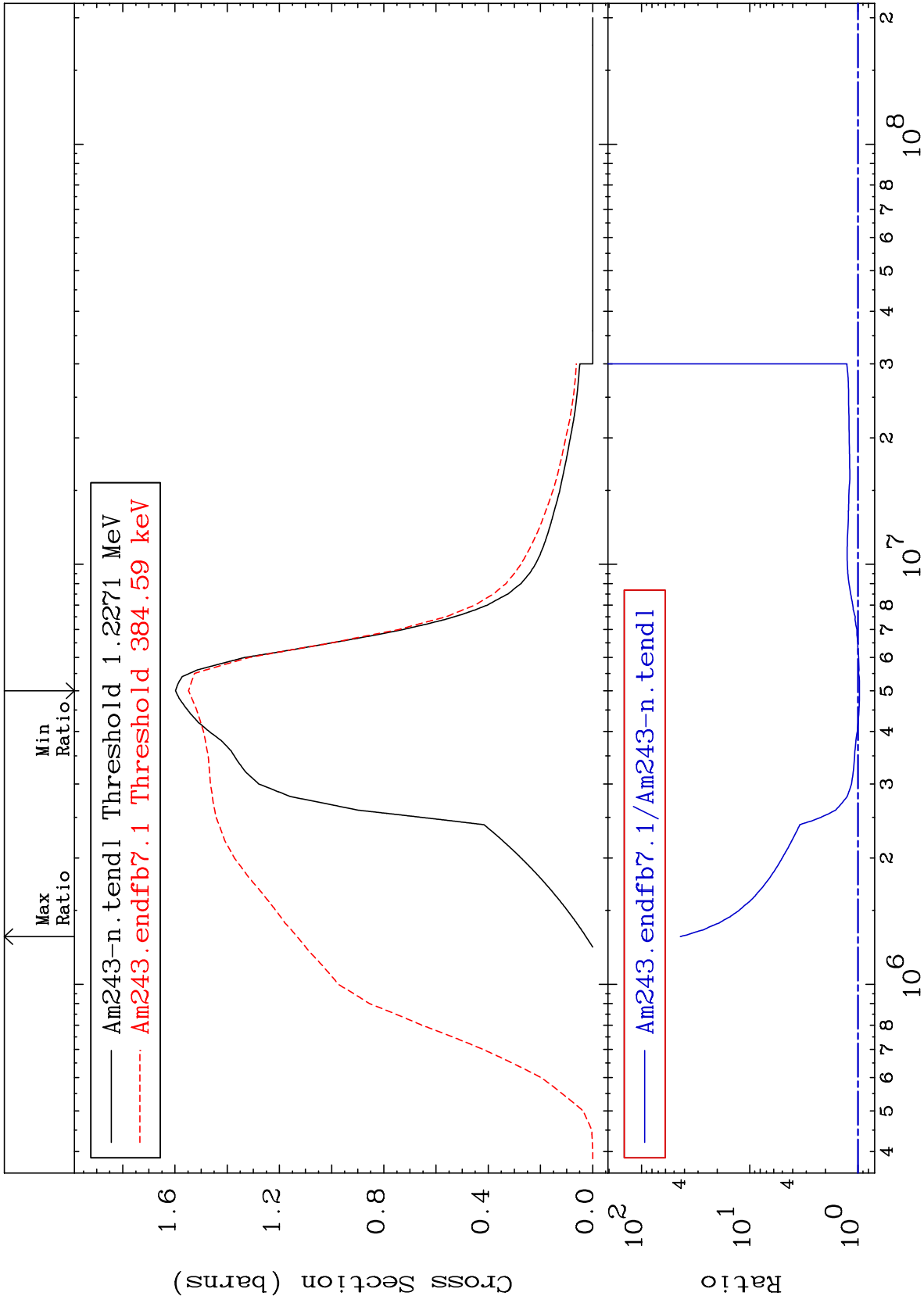
383.0 keV (n,n') Level  
Cross Section

95-Am-243  
-85.81 To 55.73 %



20

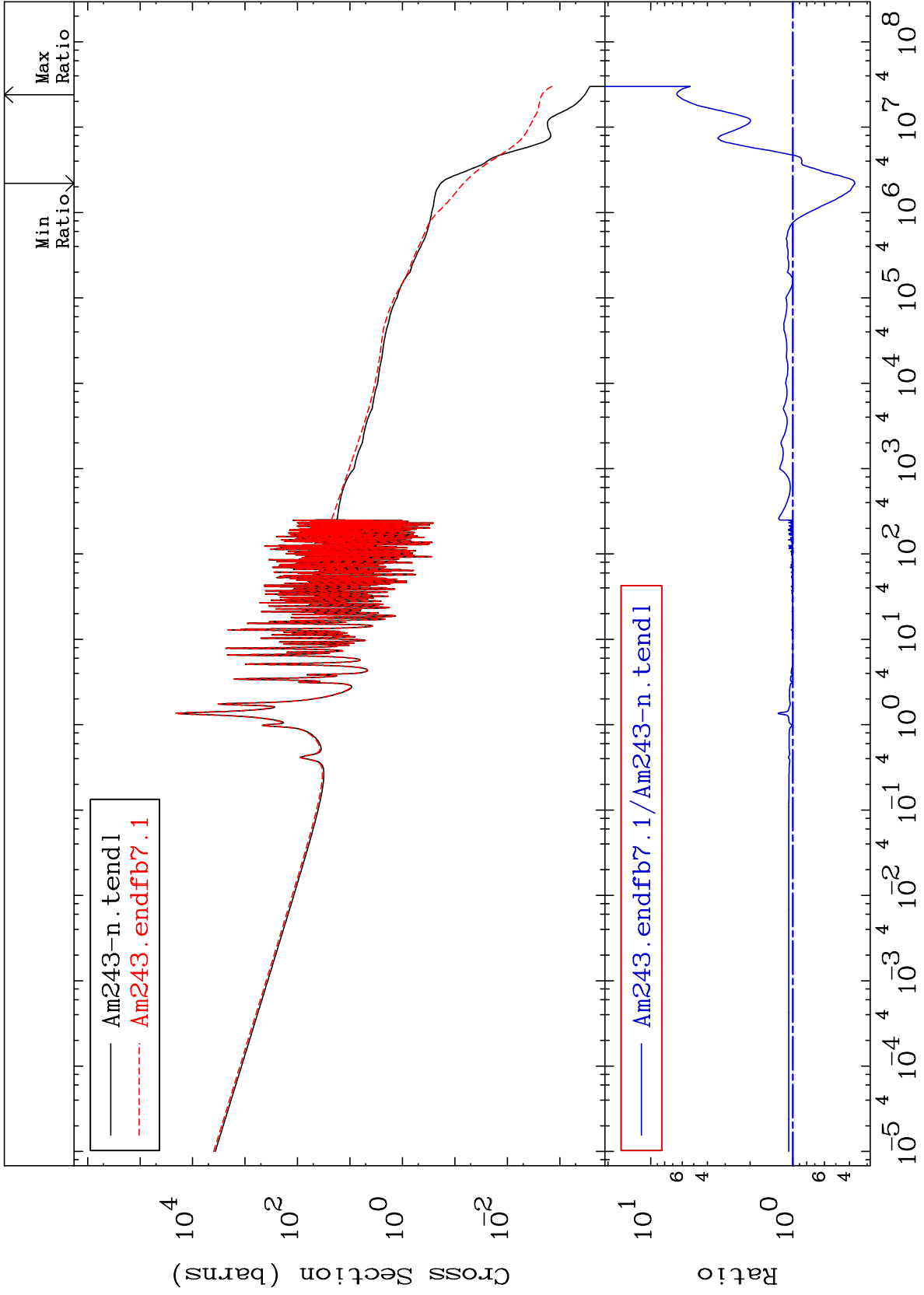
95-Am-243



MAT 9549

(n,  $\gamma$ )  
Cross Section

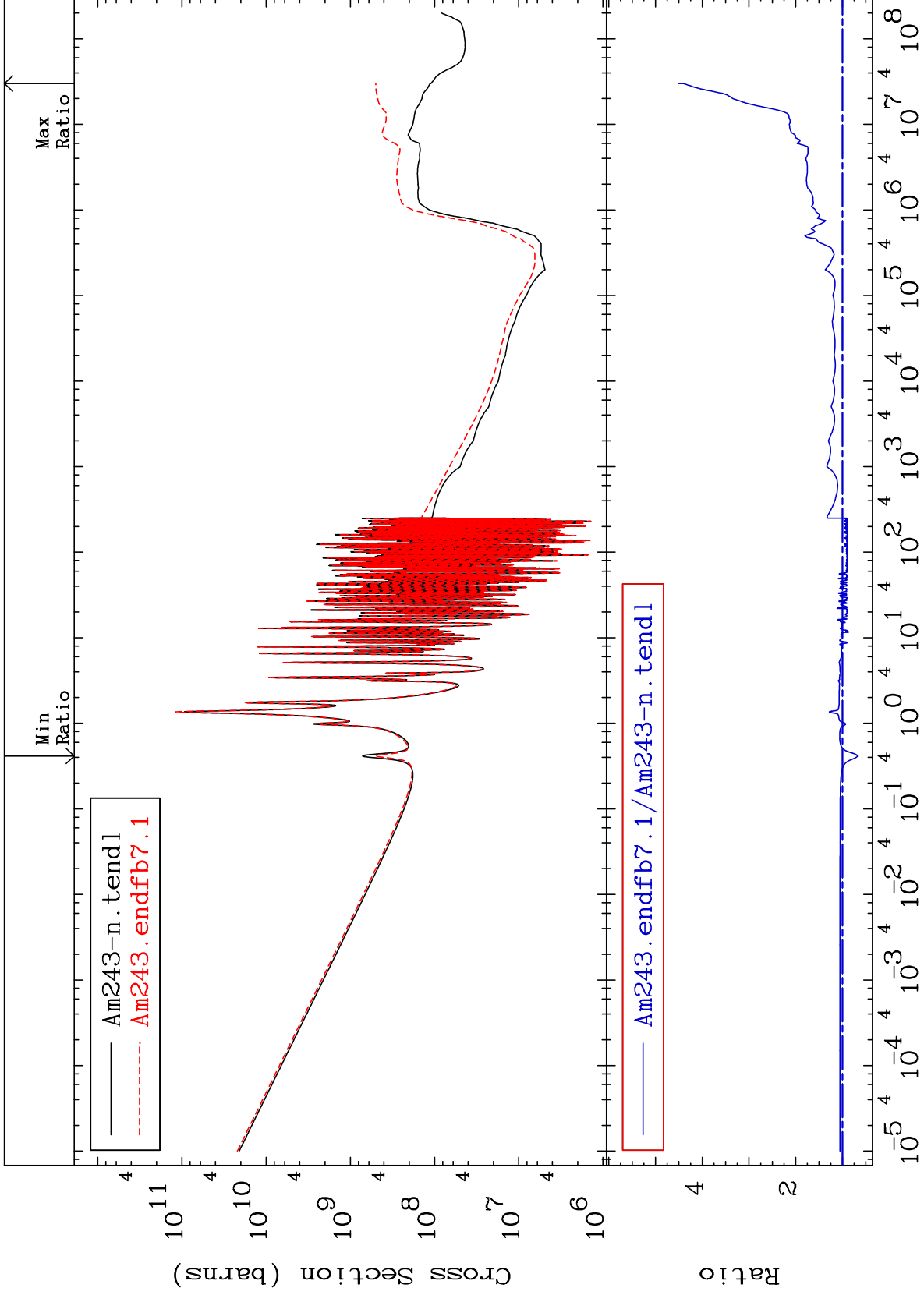
95-Am-243  
-63.49 To 555.1 %



MAT 9549

Kerma total (eV-barns)  
Cross Section

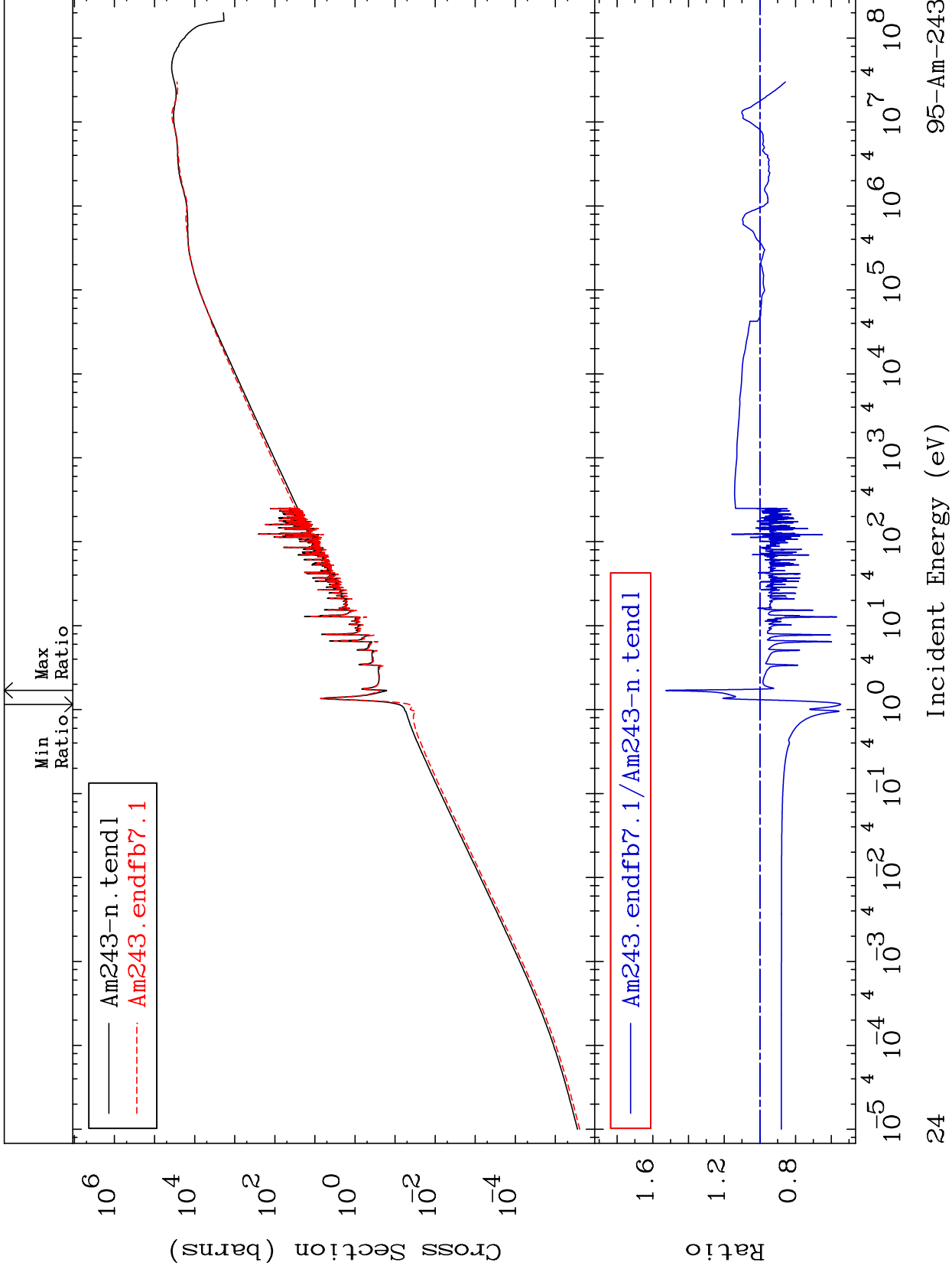
95-Am-243  
-31.70 To 350.5 %



MAT 9549

Kerma elastic  
Cross Section

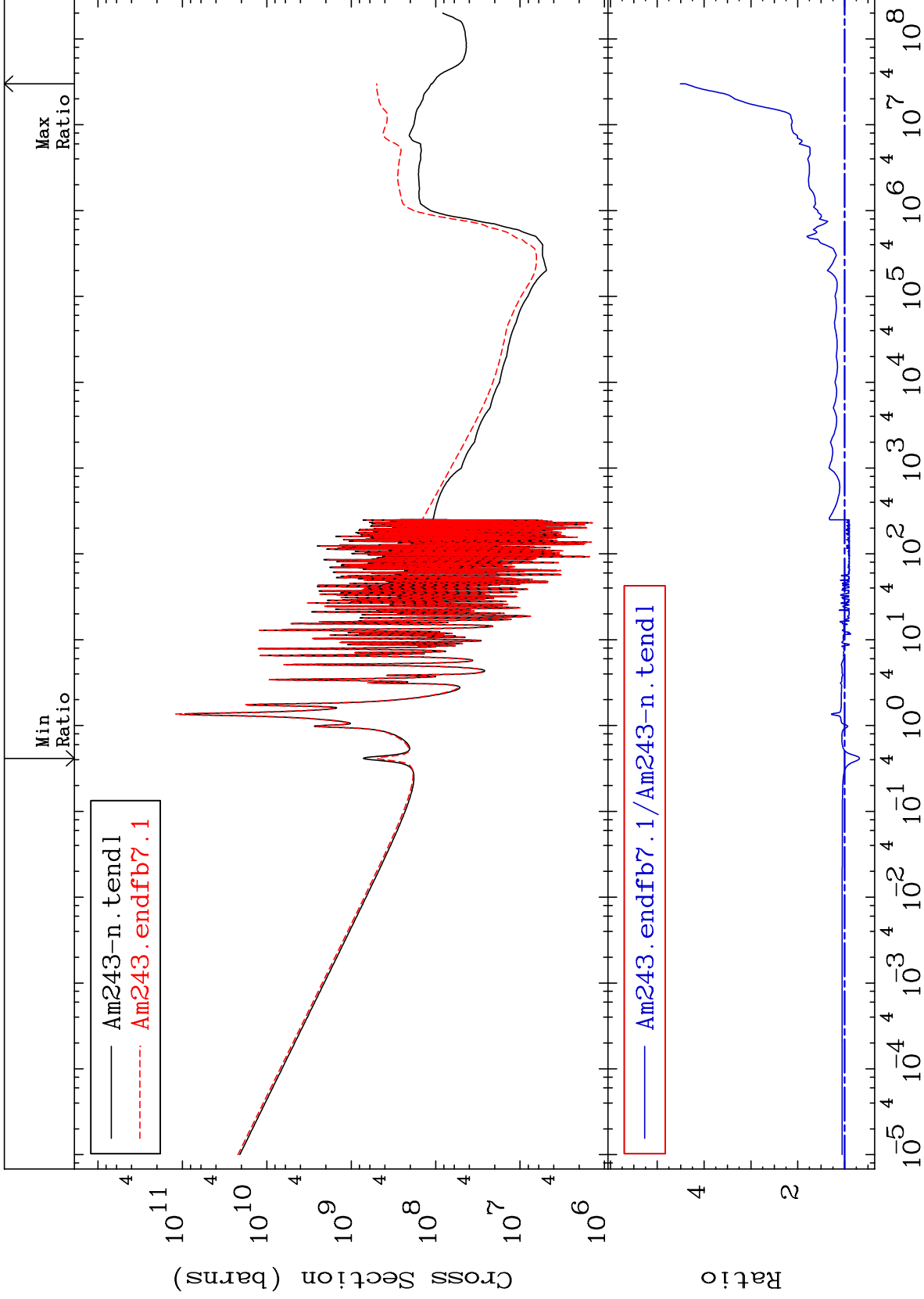
95-Am-243  
-45.28 To 52.87 %



MAT 9549

Kerma non-elastic (all but mt2)  
Cross Section

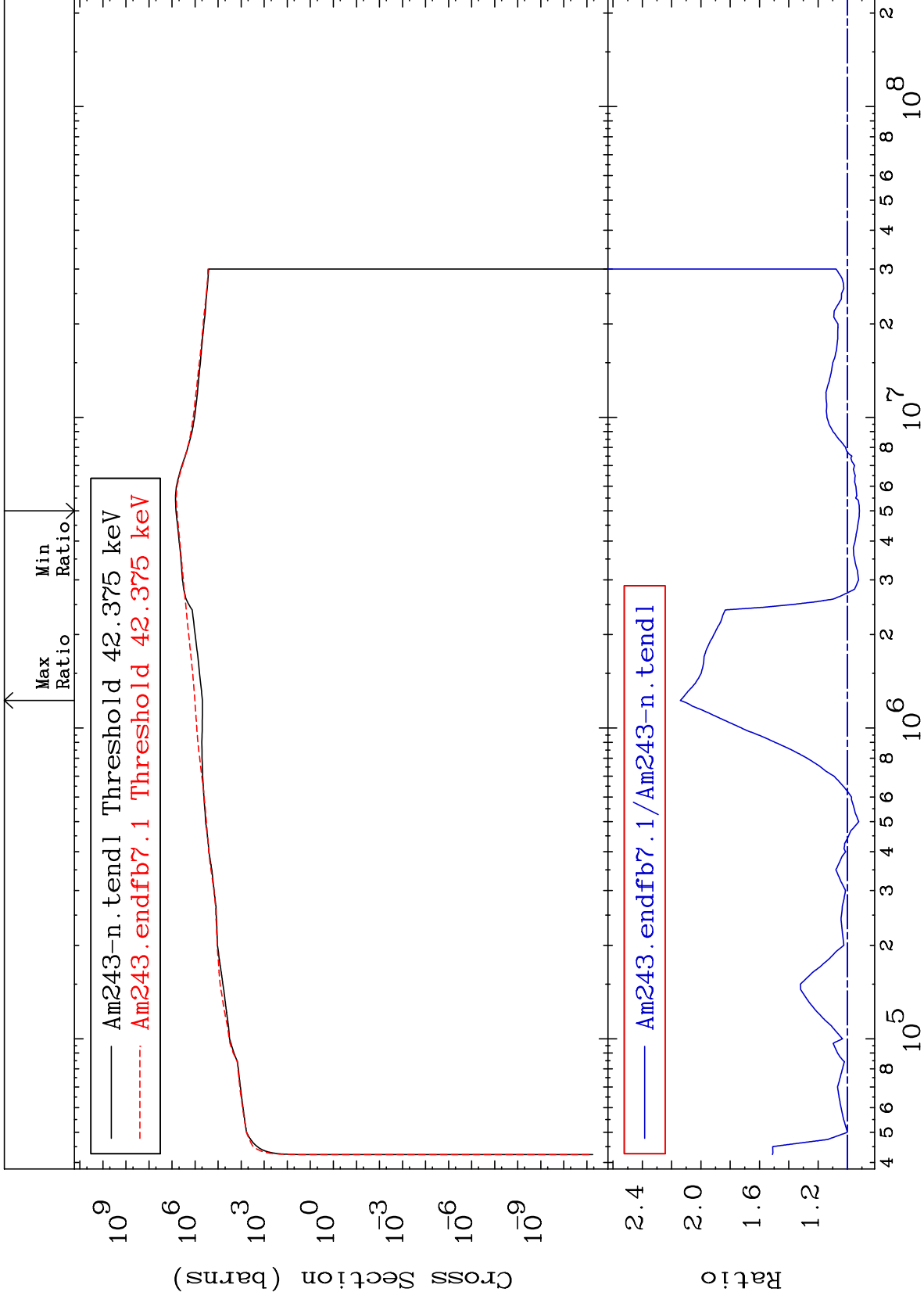
95-Am-243  
-31.70 To 350.6 %



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Incident Energy (eV)

95-Am-243

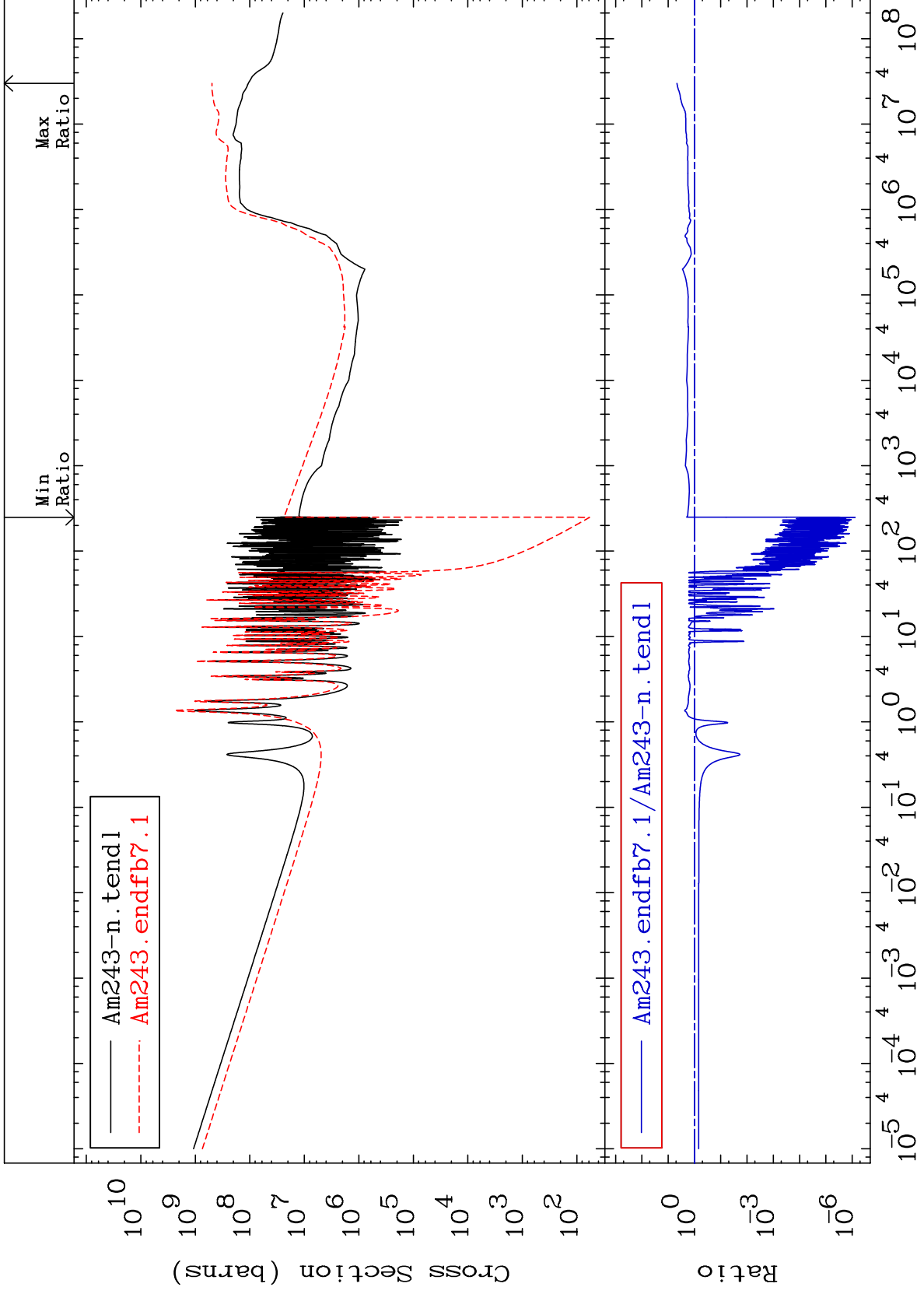




MAT 9549

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

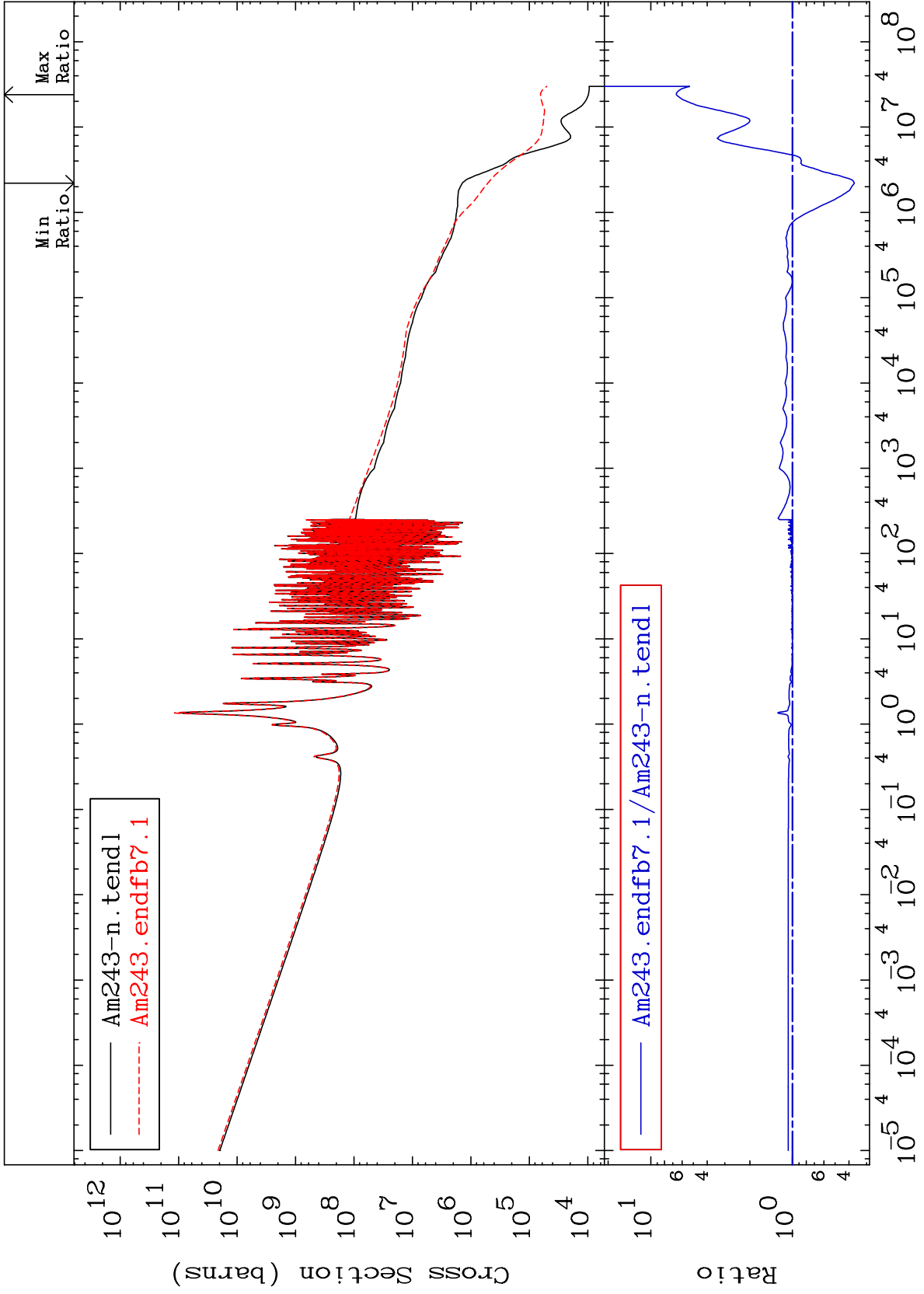
95-Am-243  
-100.0 To 364.2 %



MAT 9549

Kerma capture (mt102)  
Cross Section

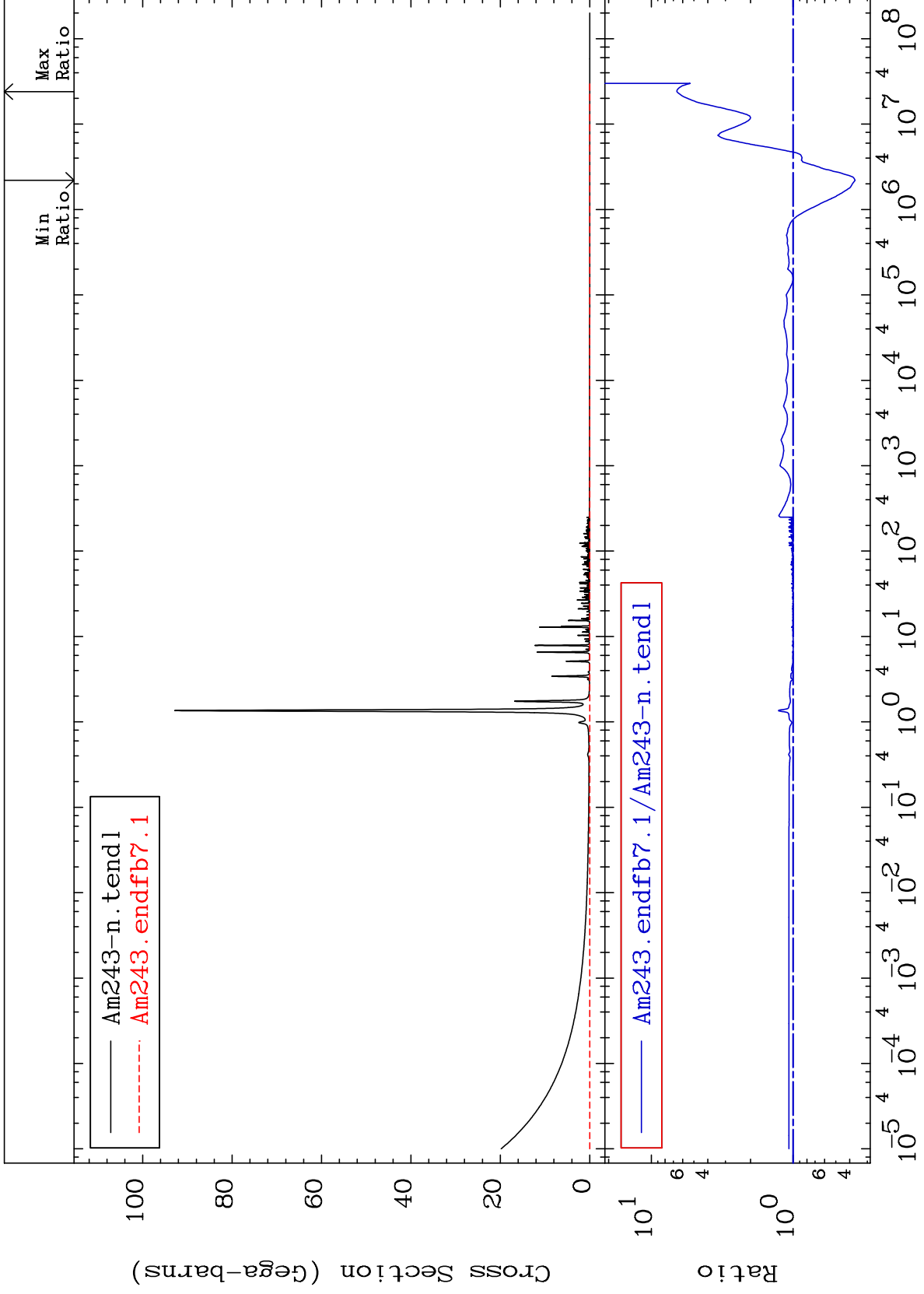
95-Am-243  
-63.41 To 559.6 %



MAT 9549

Total photon (eV-barns)  
Cross Section

95-Am-243  
-63.41 To 559.6 %



29

Incident Energy (eV)

95-Am-243

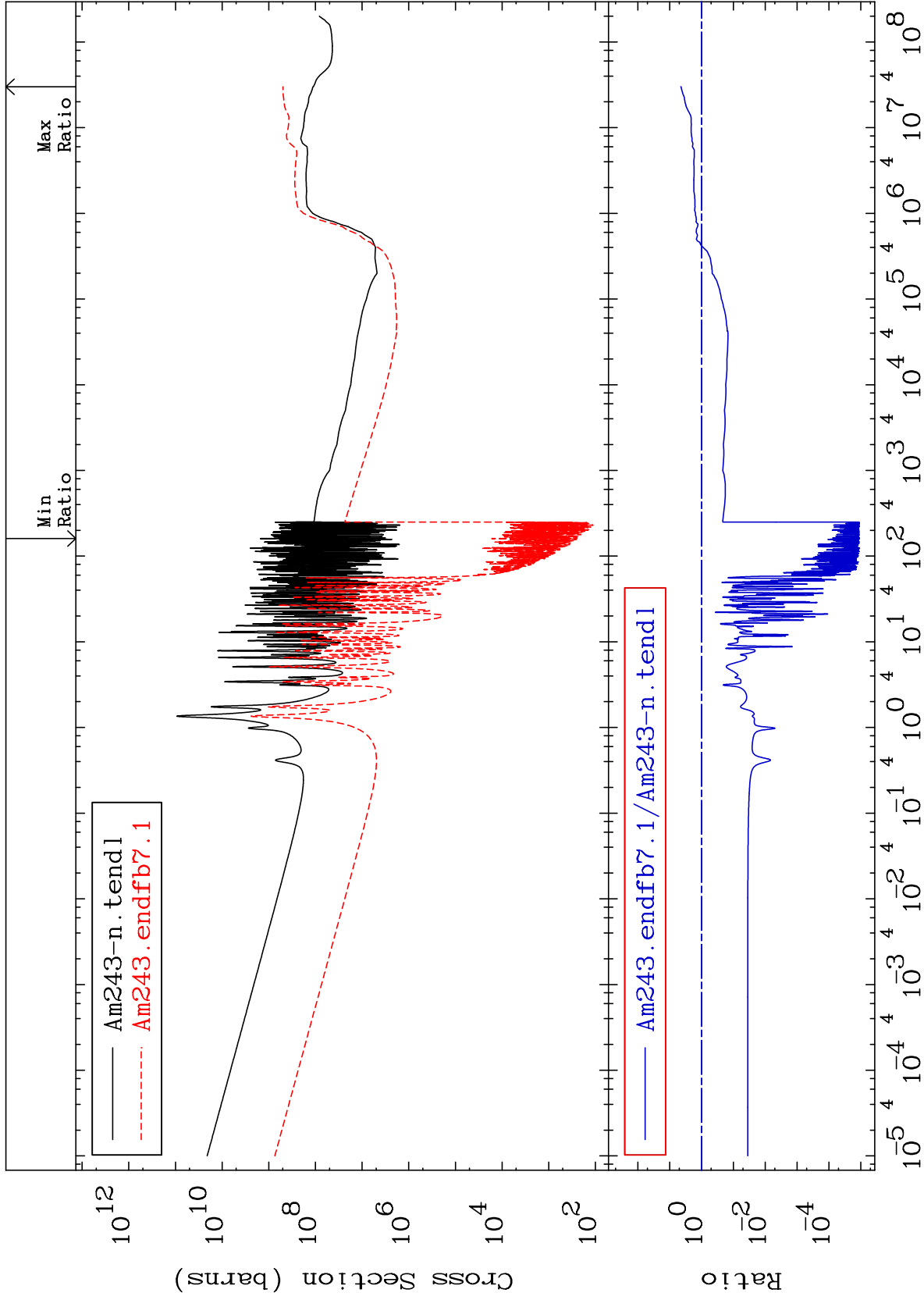
MAT 9549

Total kinematic kerma (high limit)

95-Am-243

Cross Section

-100.0 To 349.9 %



30

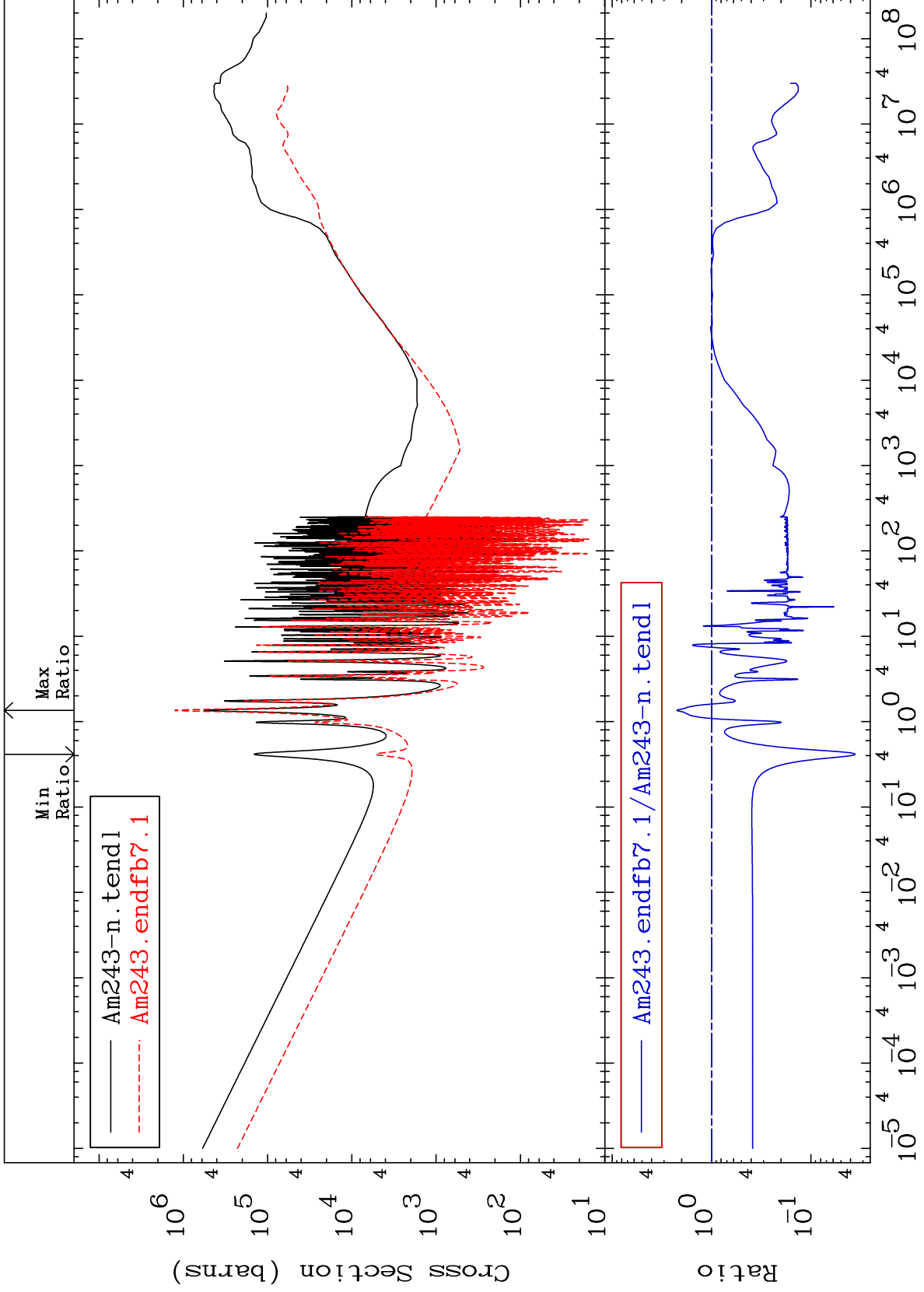
Incident Energy (eV)

95-Am-243

MAT 9549

Dpa total (eV-barns)  
Cross Section

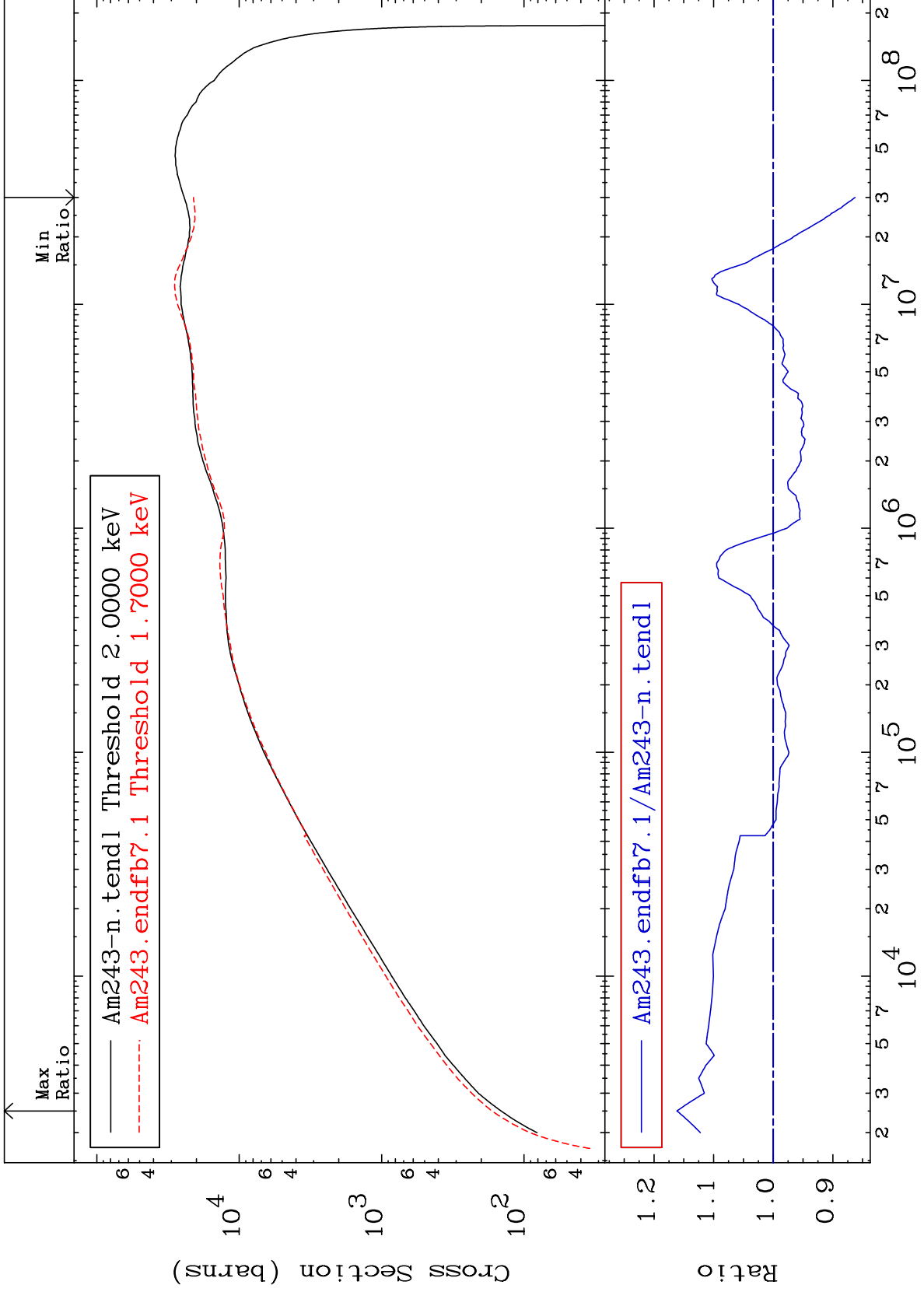
95-Am-243  
-96.40 To 122.7 %

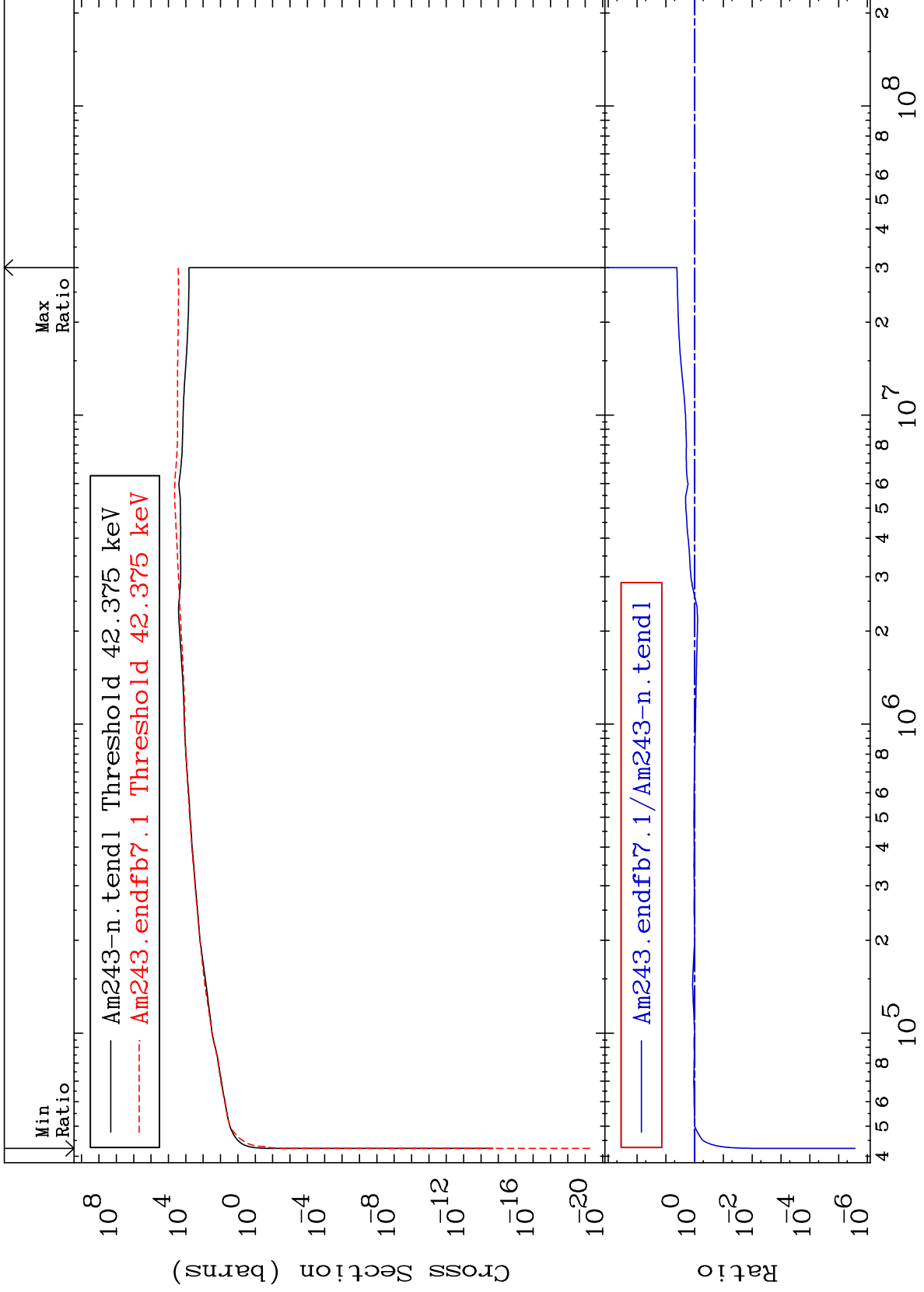


MAT 9549

Dpa elastic (mt2)  
Cross Section

95-Am-243  
-13.74 To 16.16 %

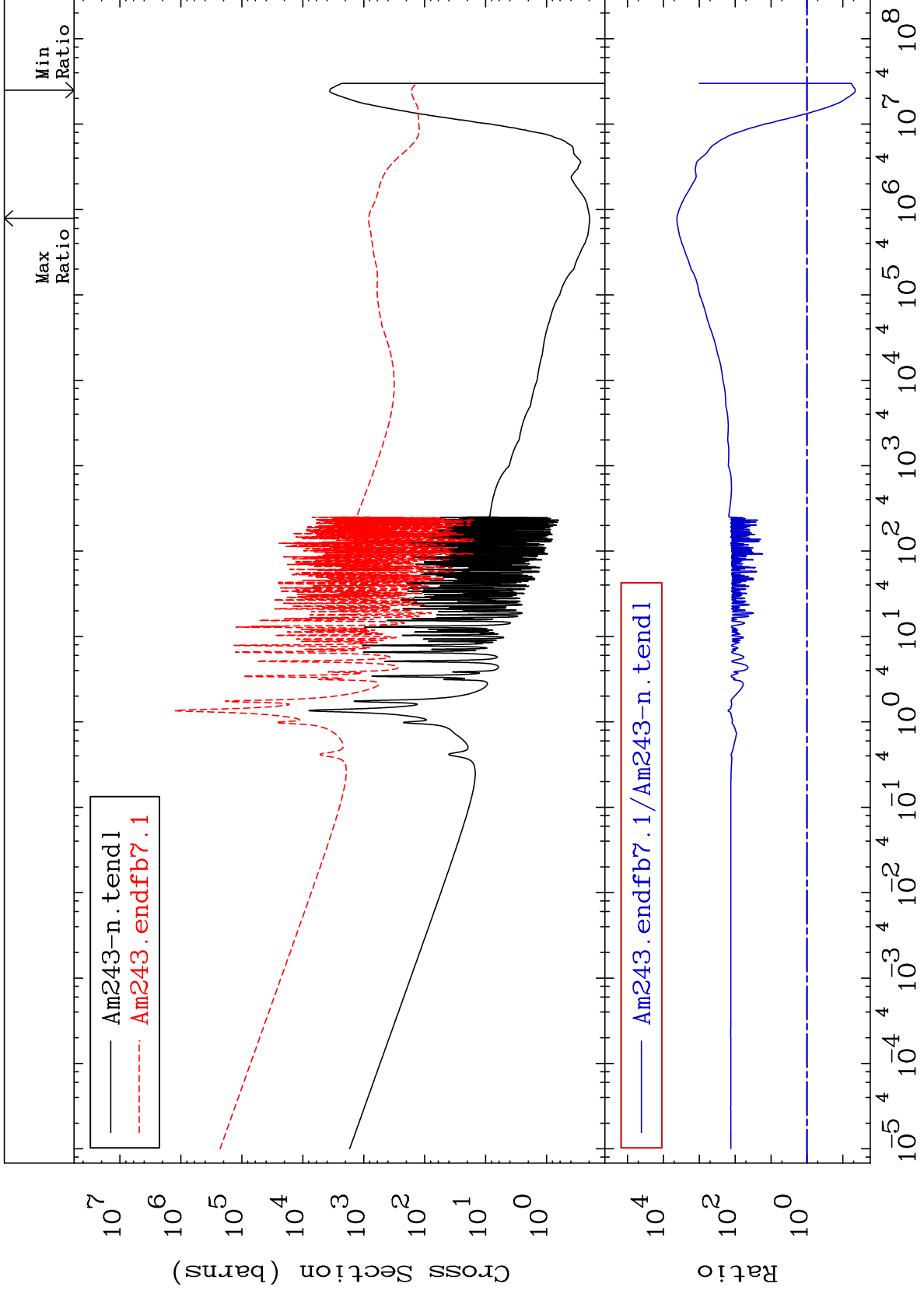




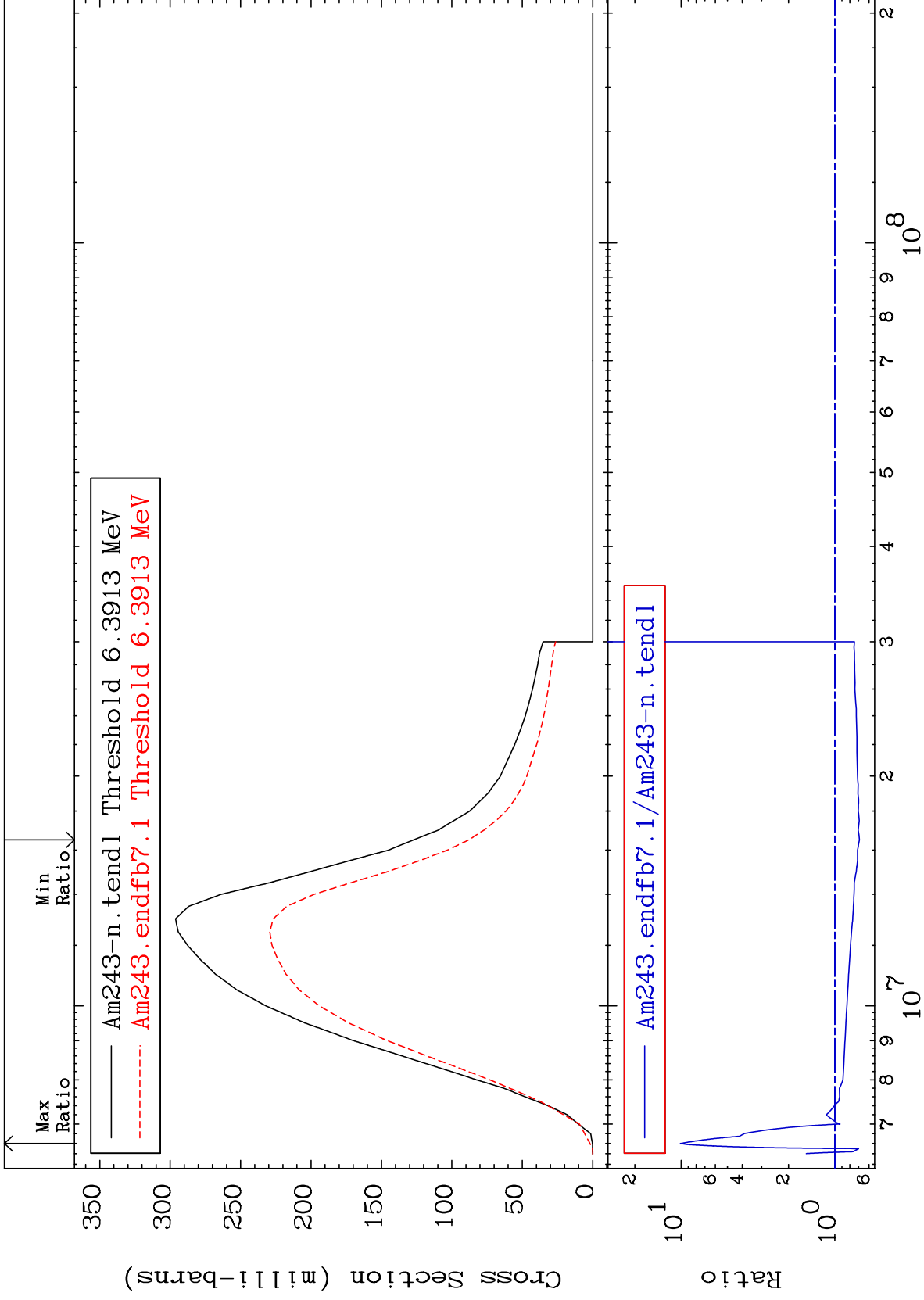
MAT 9549

Dpa disappearance (mt102 -120)  
Cross Section

95-Am-243  
-95.43 To 9999. %





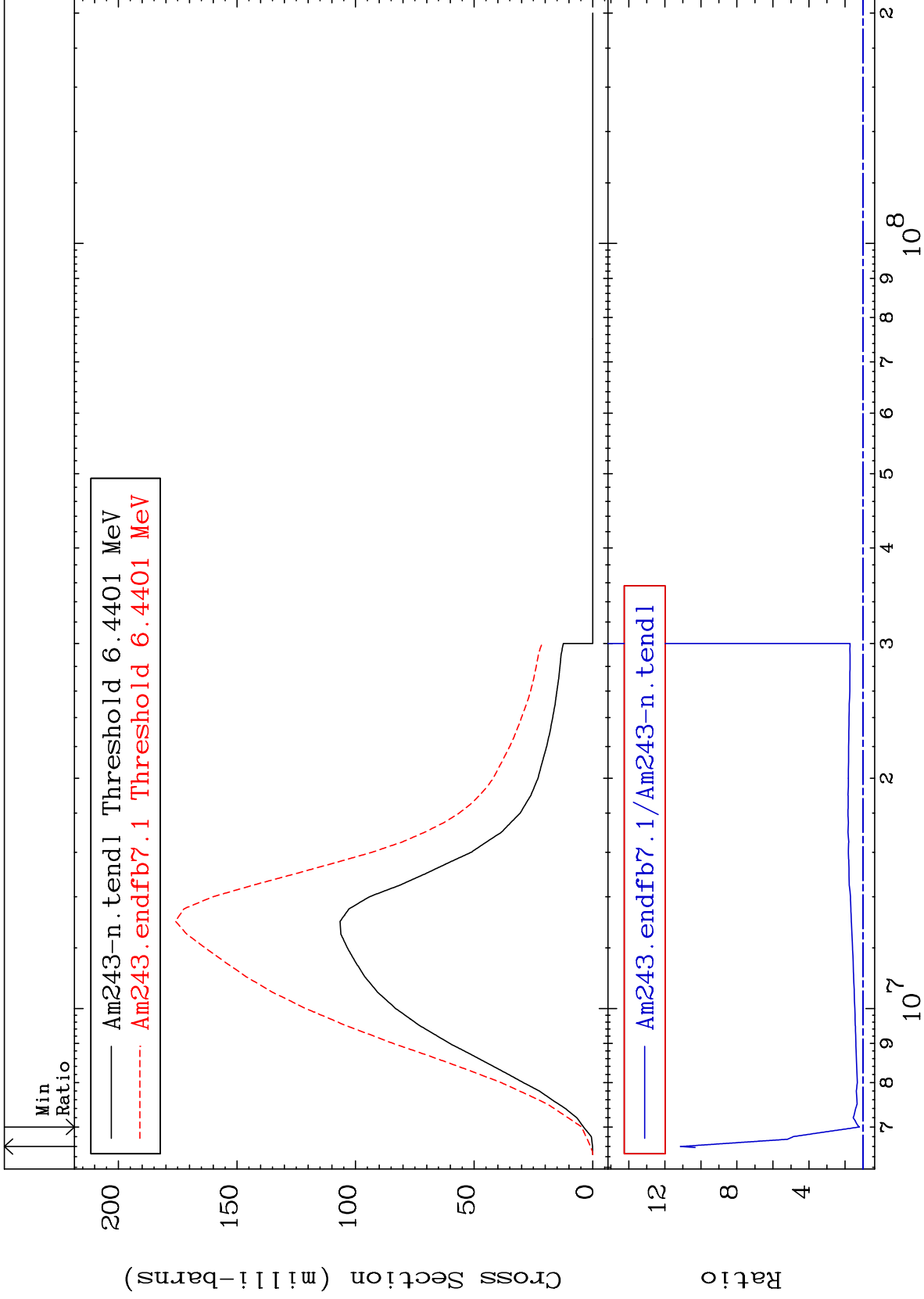


MAT 9549

(n,2n):95-Am-242m2

95-Am-243

Radionuclide Production Cross Section 19.90 To 1014. %



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Incident Energy (eV)

95-Am-243