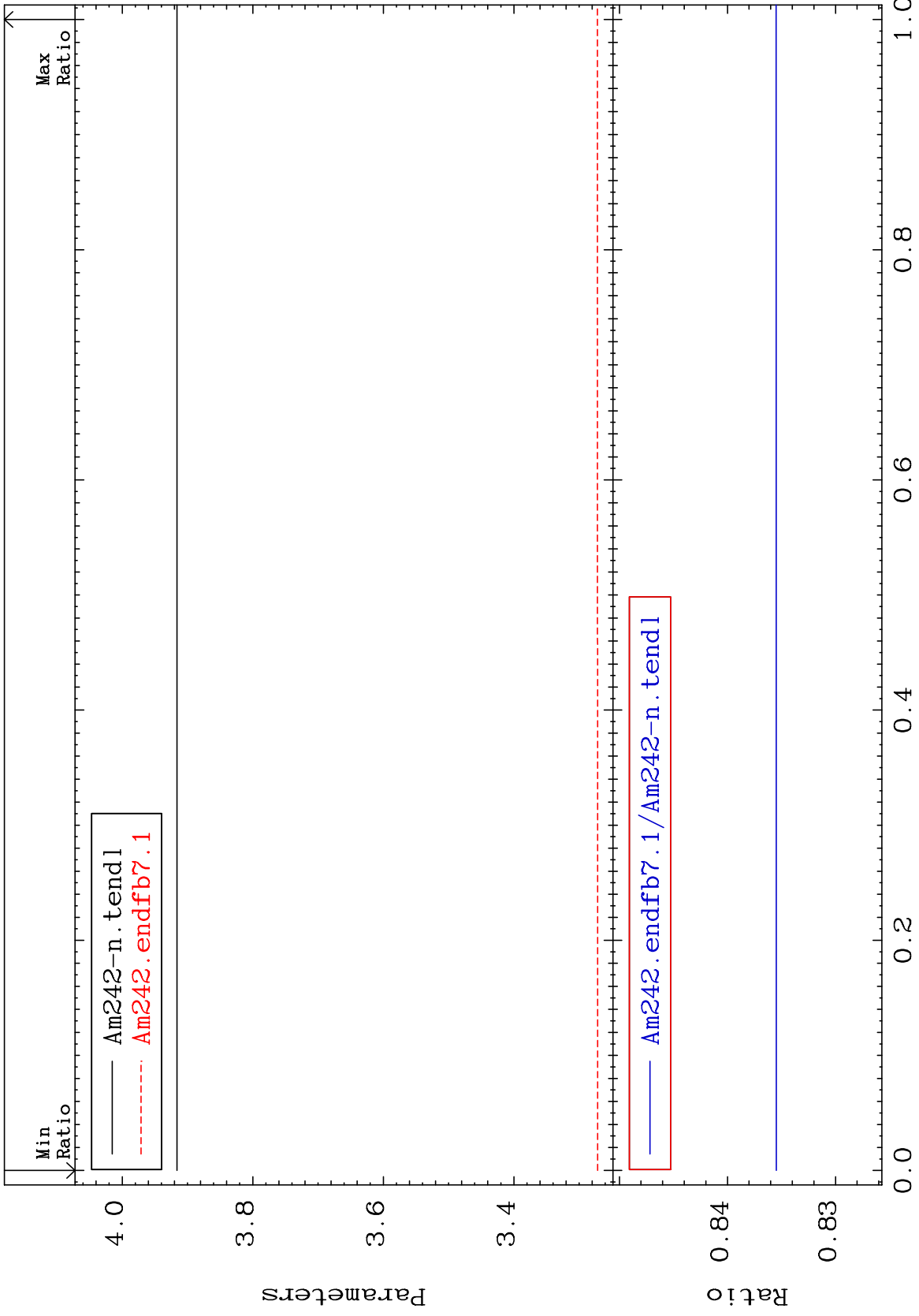


MAT 9546

Total  $\bar{\nu}$   
Parameters

95-Am-242  
-16.45 To -16.45%



1

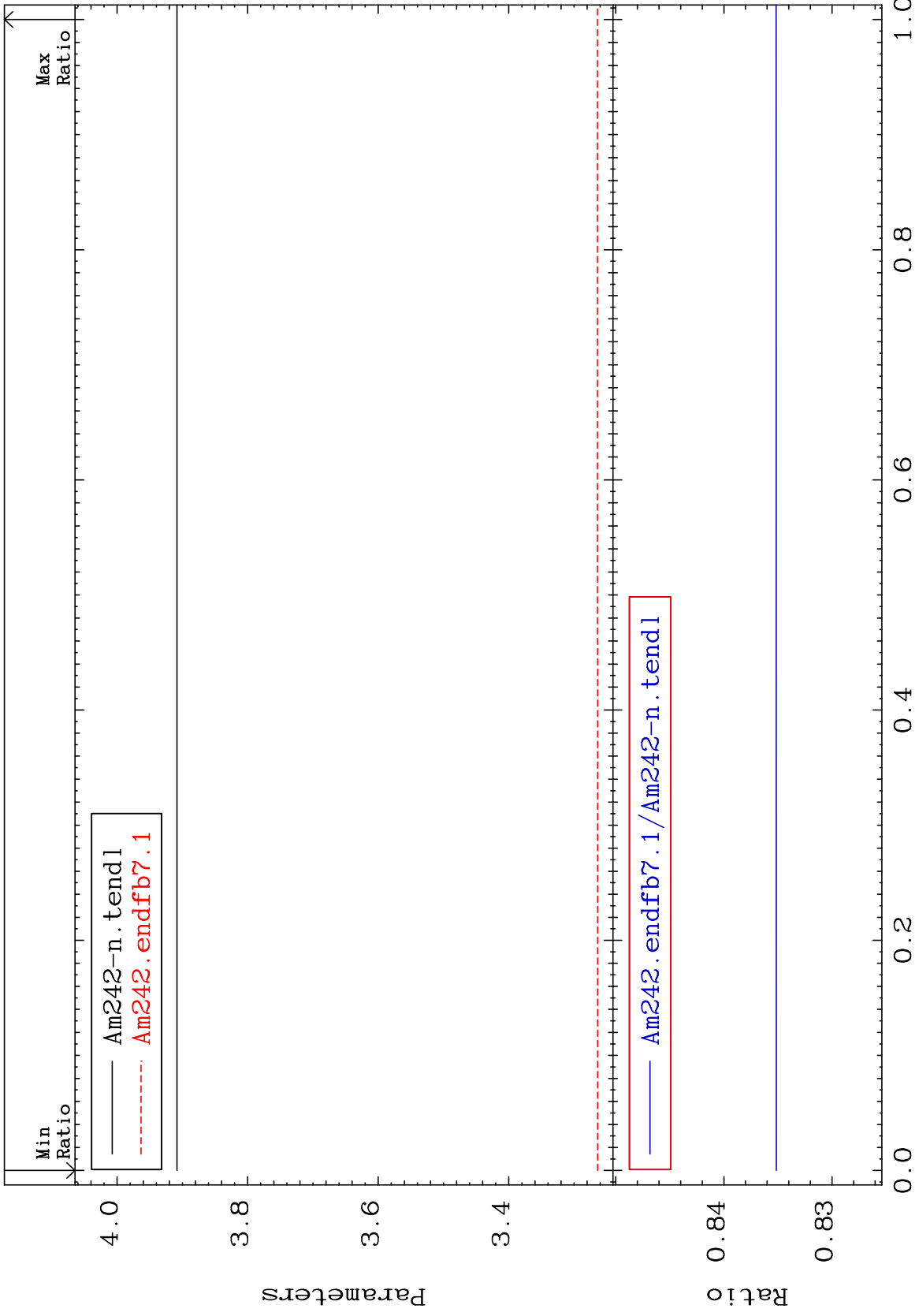
Incident Energy (KeV)

95-Am-242

MAT 9546

Prompt  $\bar{\nu}$   
Parameters

95-Am-242  
-16.48 To -16.48%



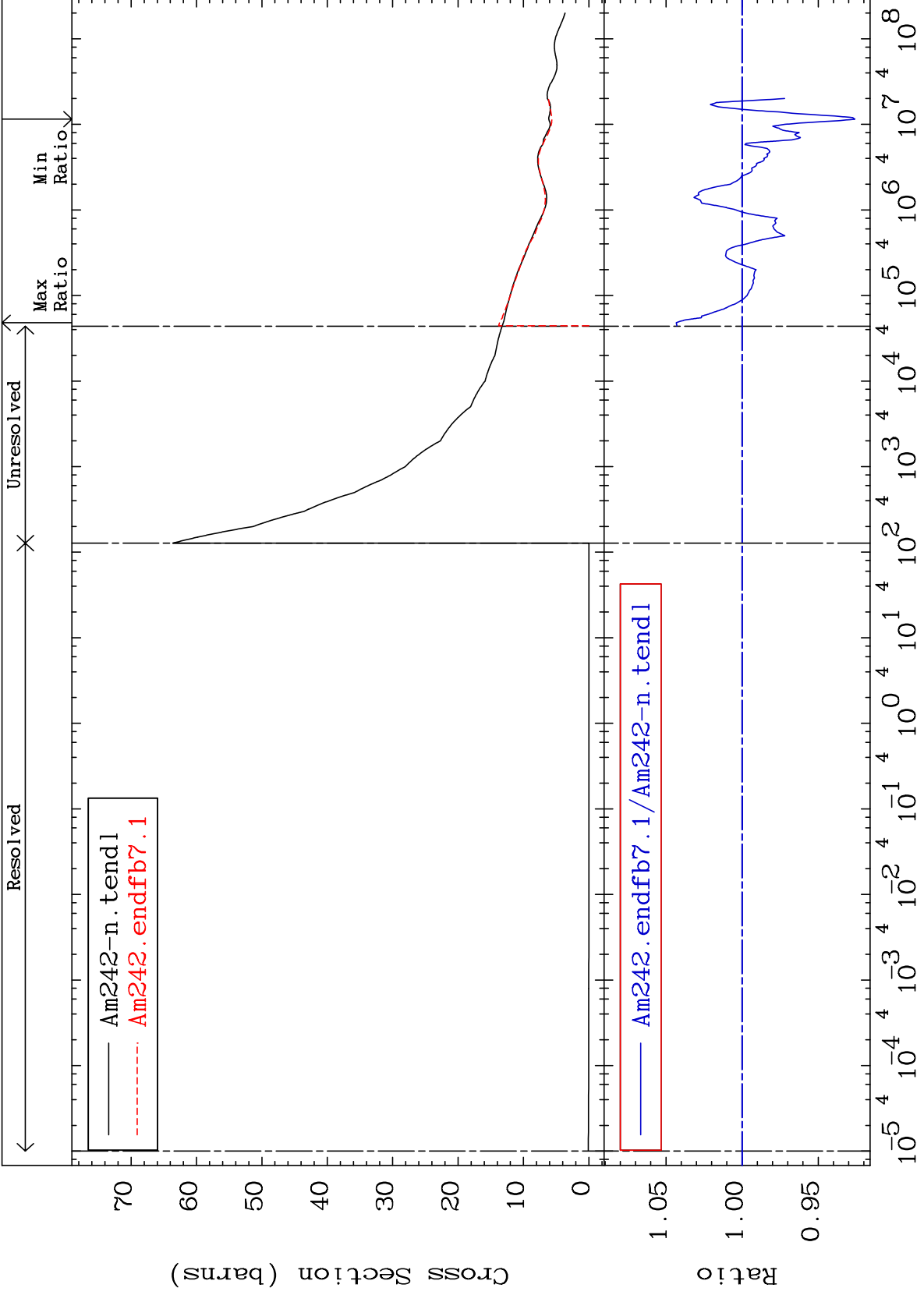
2

Incident Energy (KeV)

95-Am-242

MAT 9546

Total Cross Section  
95-Am-242  
-7.411 To 4.323 %



3

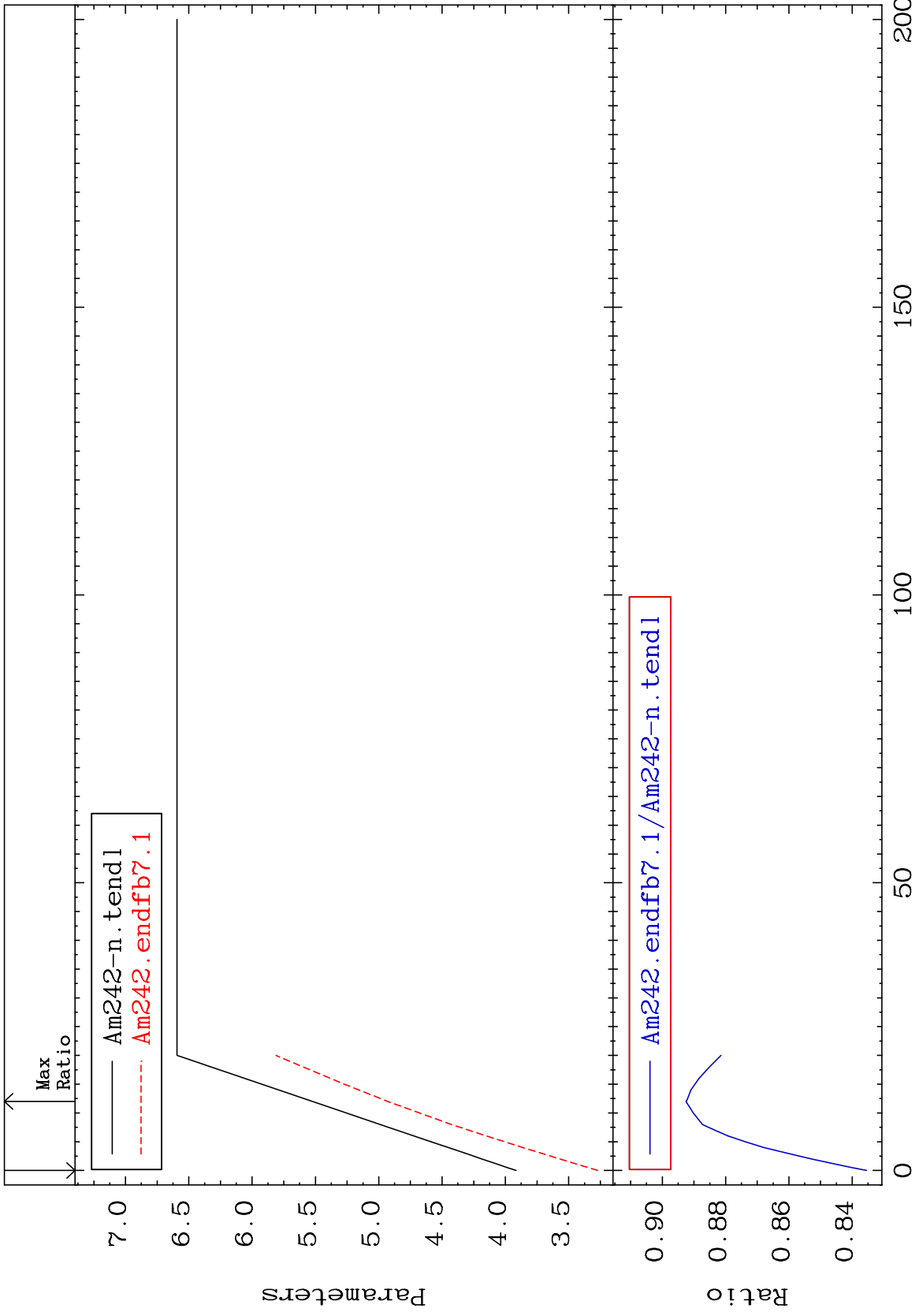
Incident Energy (eV)

95-Am-242

MAT 9546

Total  $\bar{\nu}$   
Parameters

95-Am-242  
-16.45 To -10.75%



1

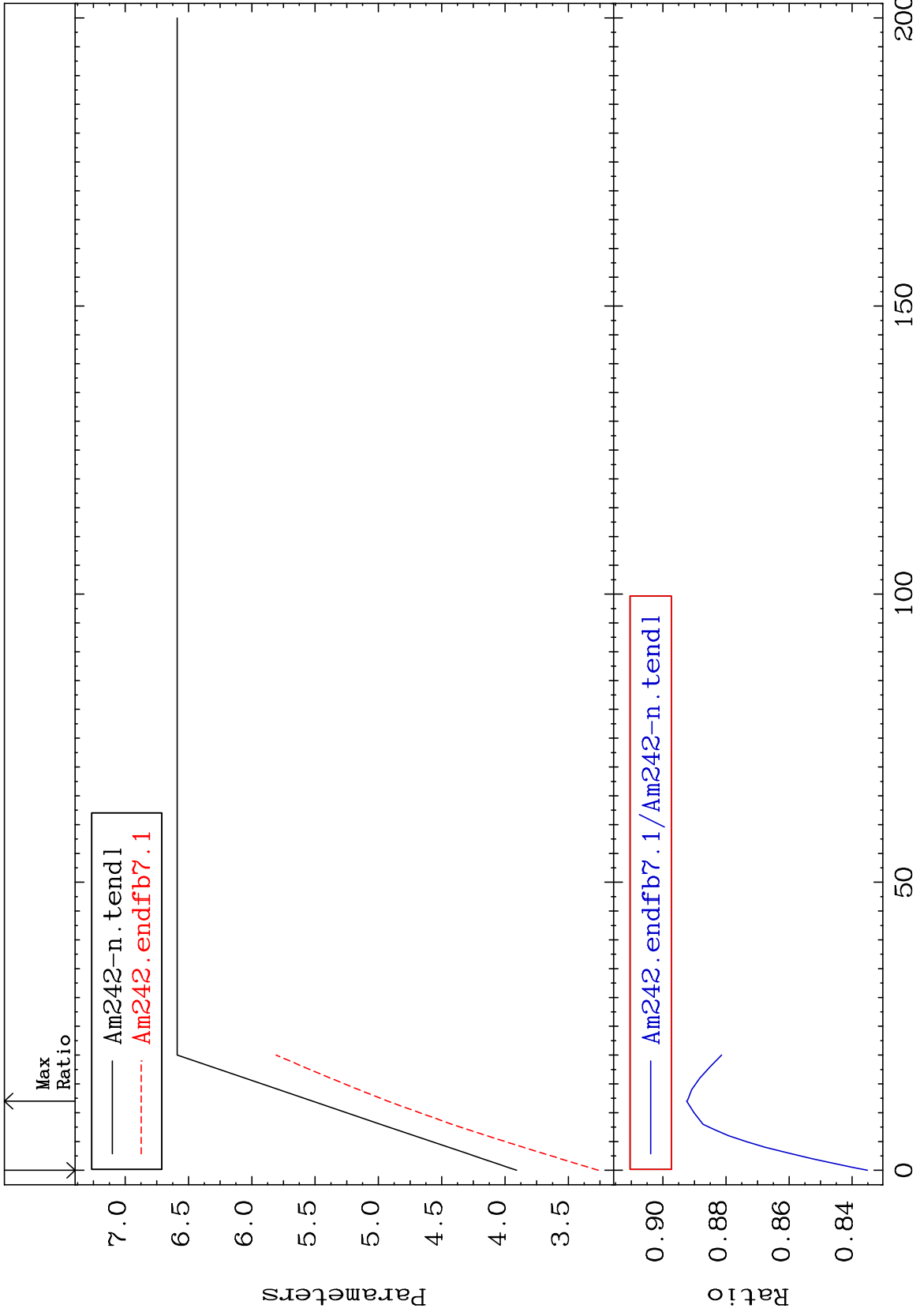
Incident Energy (MeV)

95-Am-242

MAT 9546

Prompt  $\bar{\nu}$   
Parameters

95-Am-242  
-16.48 To -10.76%



Incident Energy (MeV)

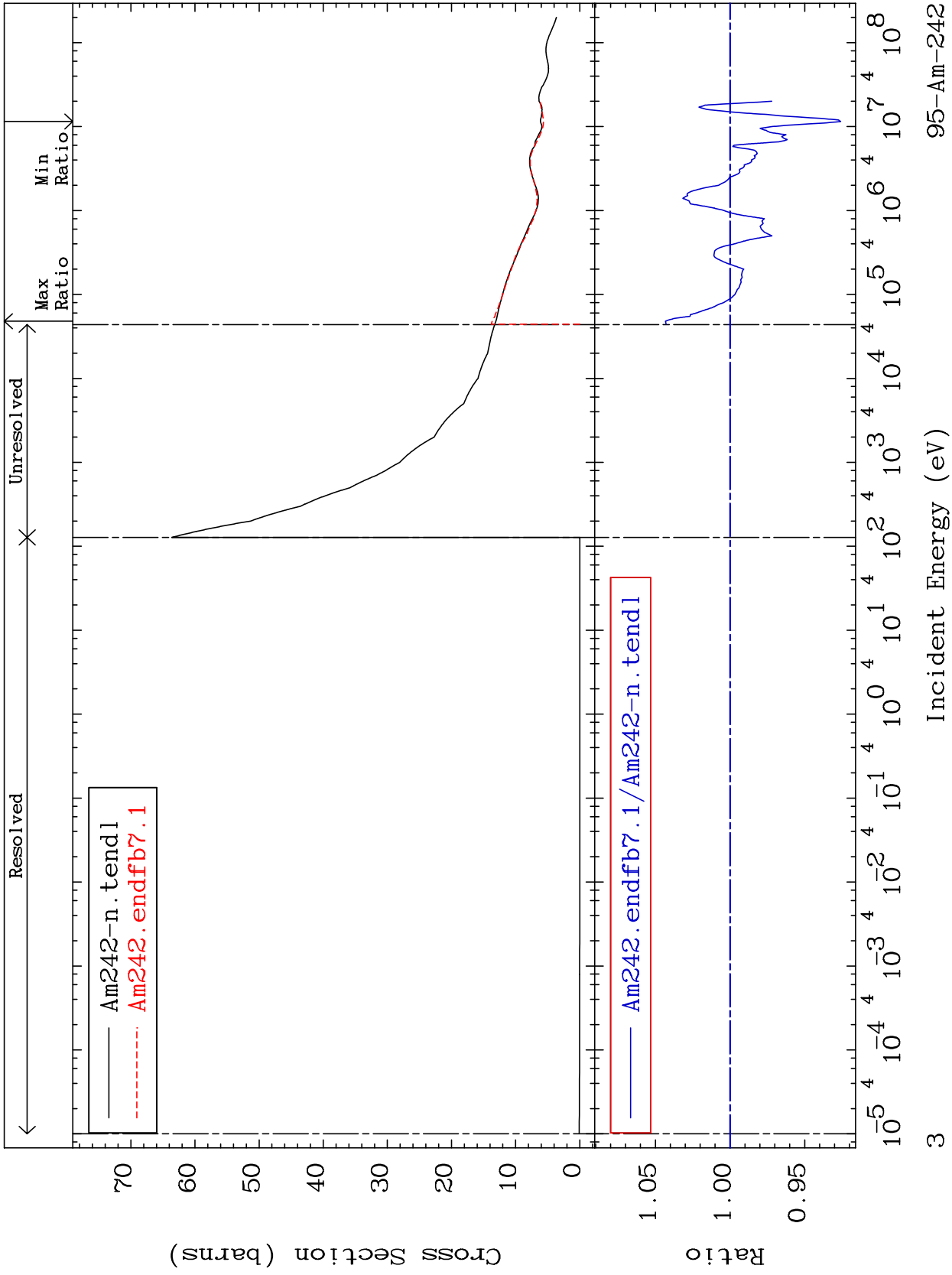
95-Am-242

2

MAT 9546

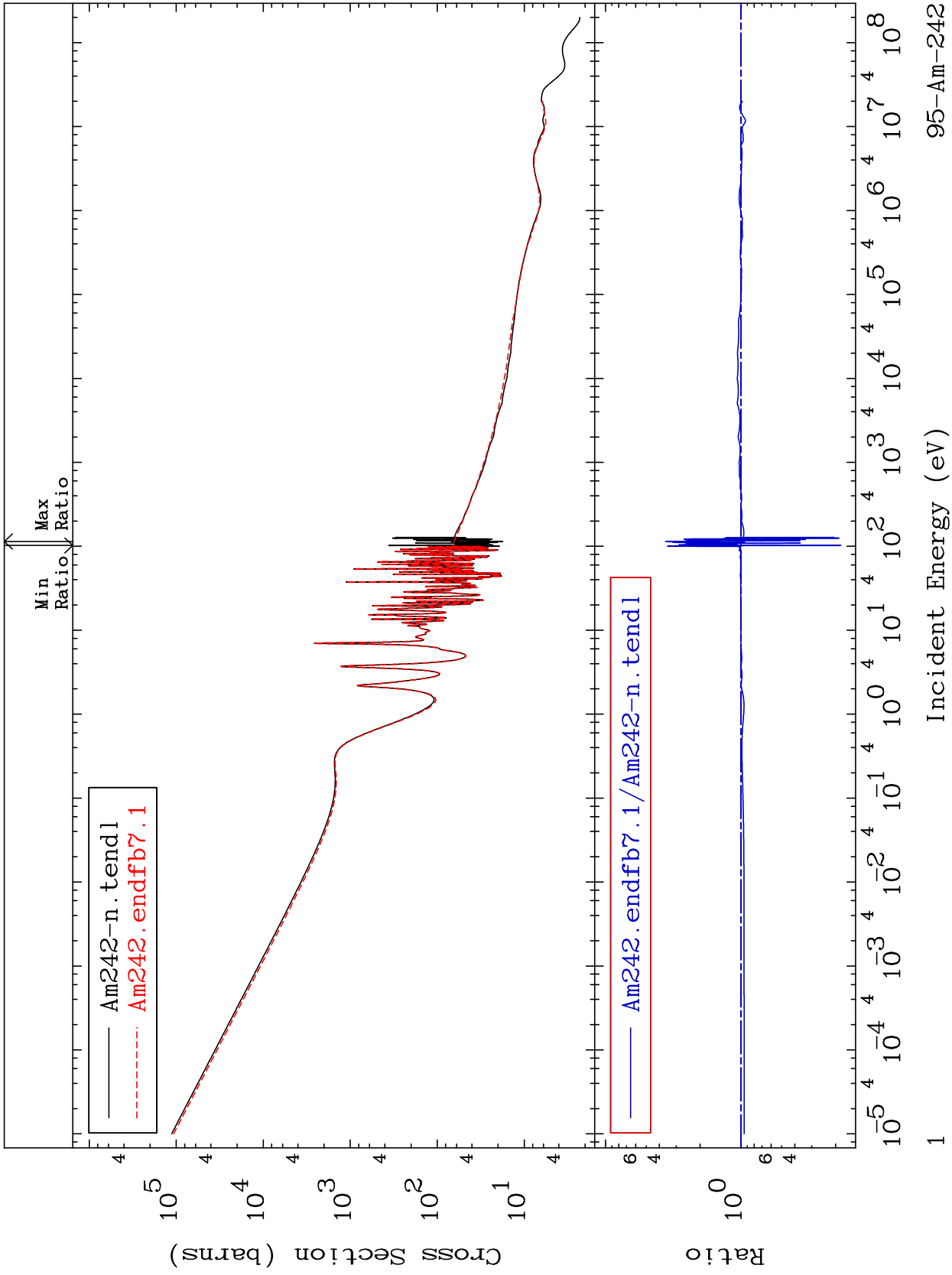
Total  
Cross Section

95-Am-242  
-7.411 To 4.323 %



MAT 9546

Total Cross Section  
95-Am-242  
-81.64 To 260.8 %

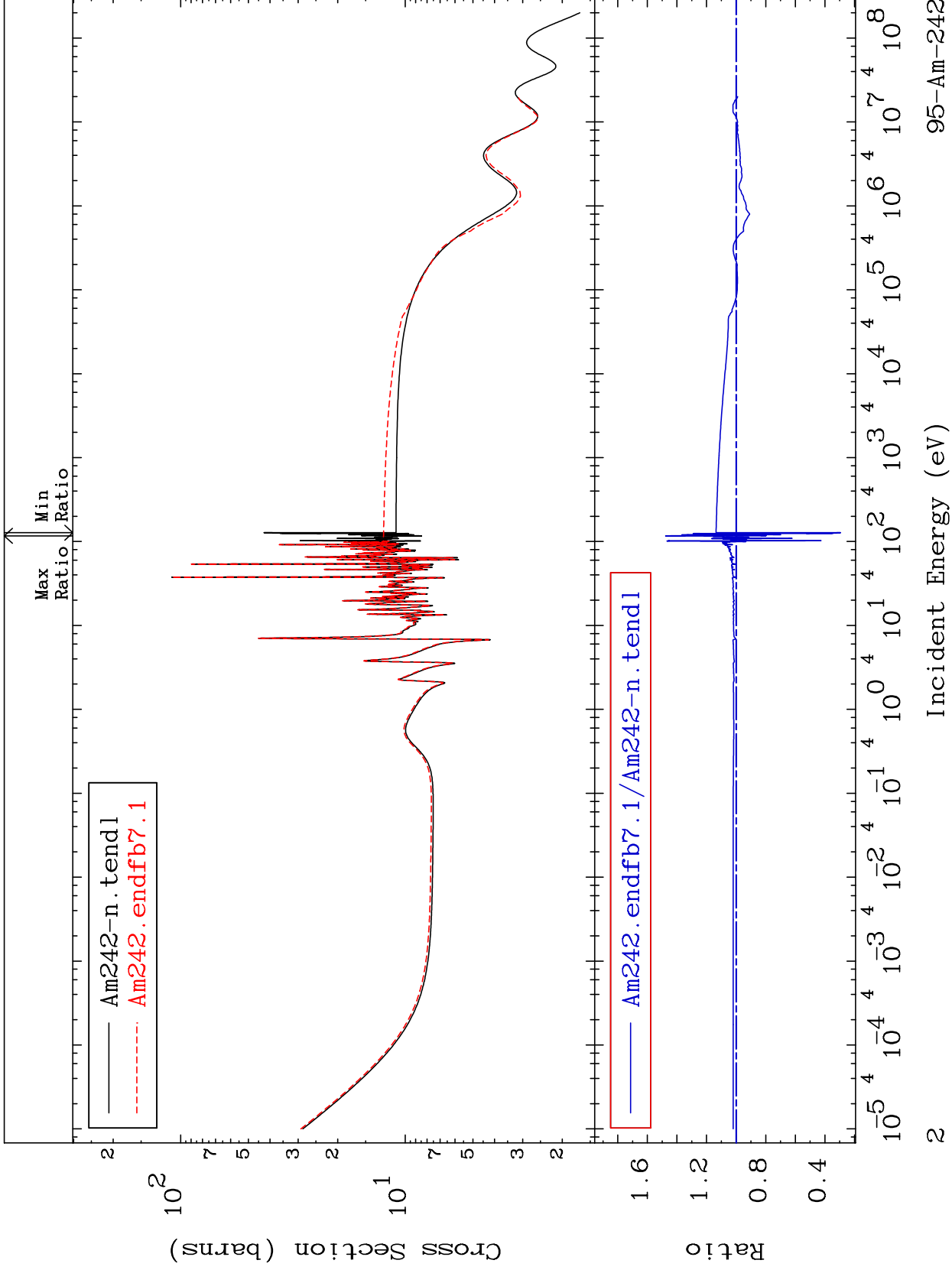


95-Am-242

MAT 9546

Elastic  
Cross Section

95-Am-242  
-70.65 To 47.74 %



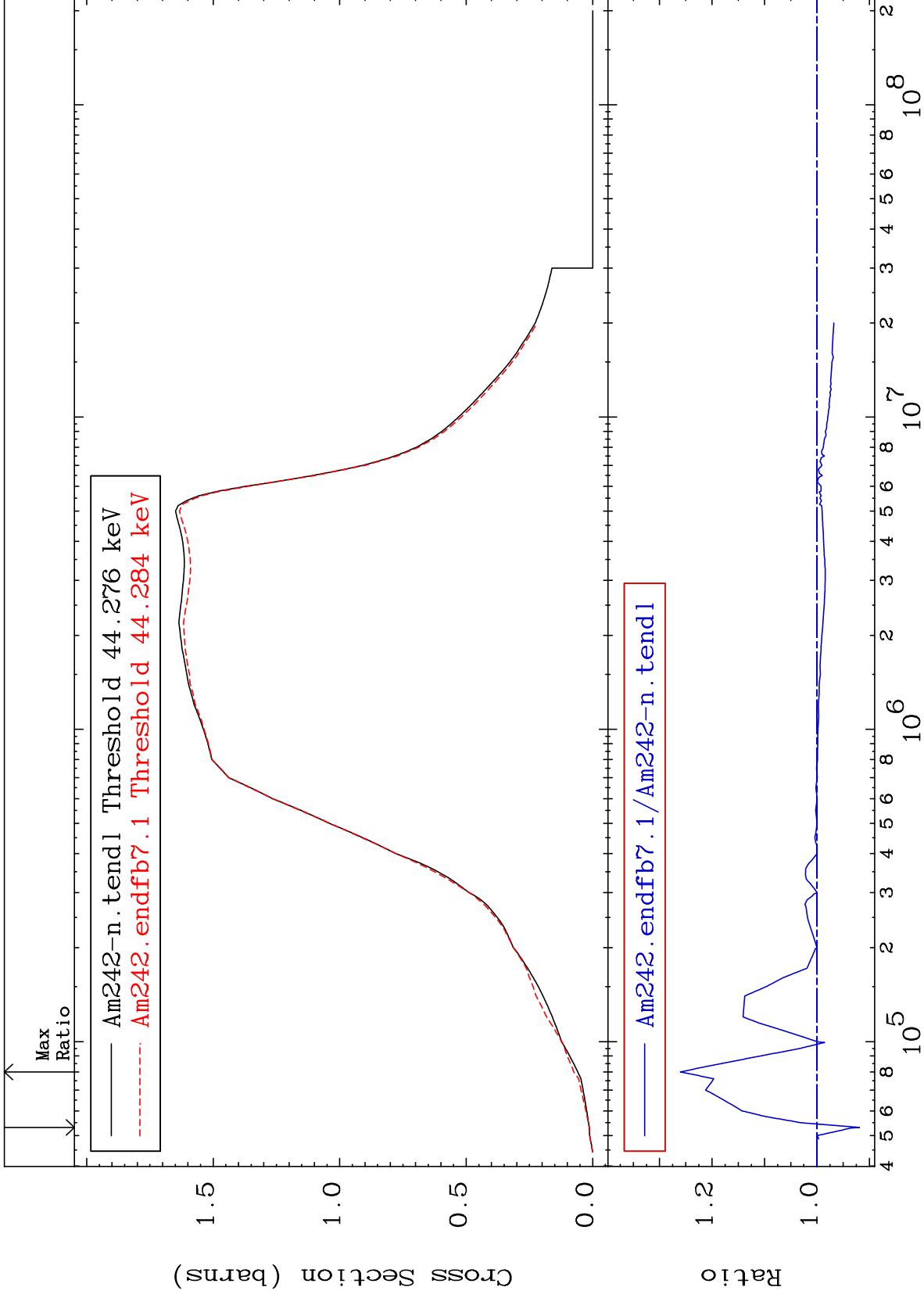
95-Am-242



MAT 9546

Inelastic  
Cross Section

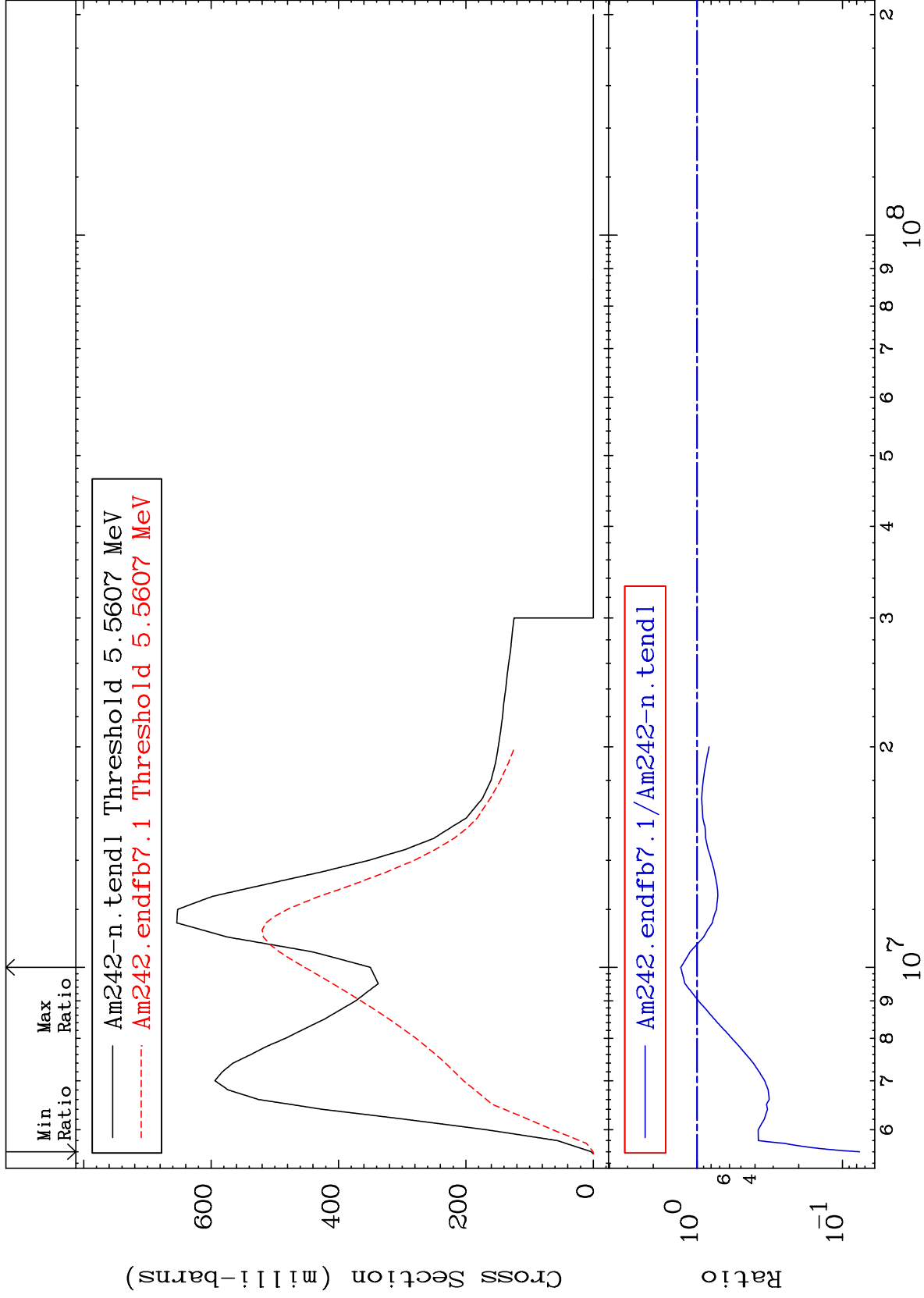
95-Am-242  
-8.091 To 26.04 %



MAT 9546

(n,2n)  
Cross Section

95-Am-242  
-92.36 To 29.43 %



4

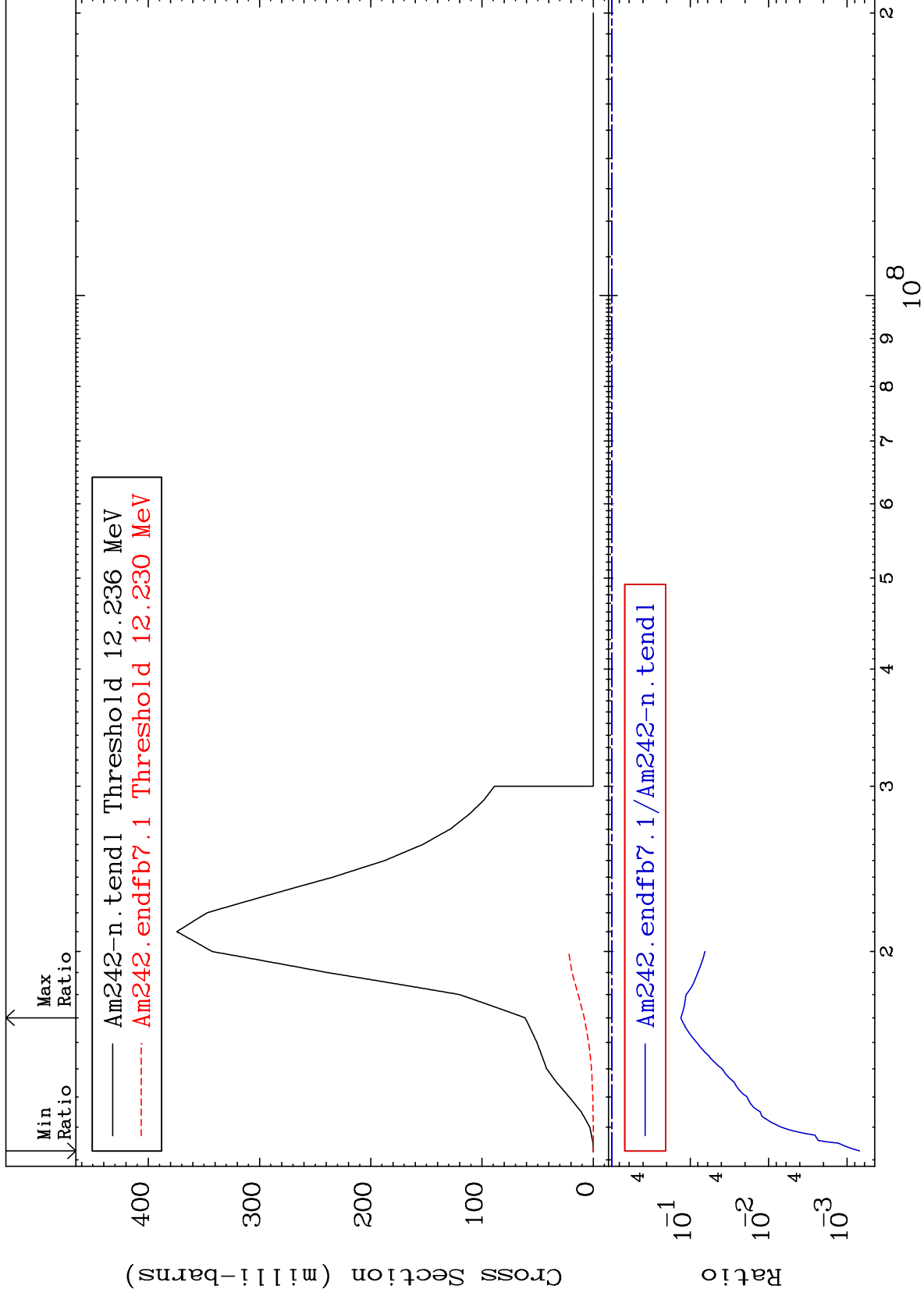
Incident Energy (eV)

95-Am-242

MAT 9546

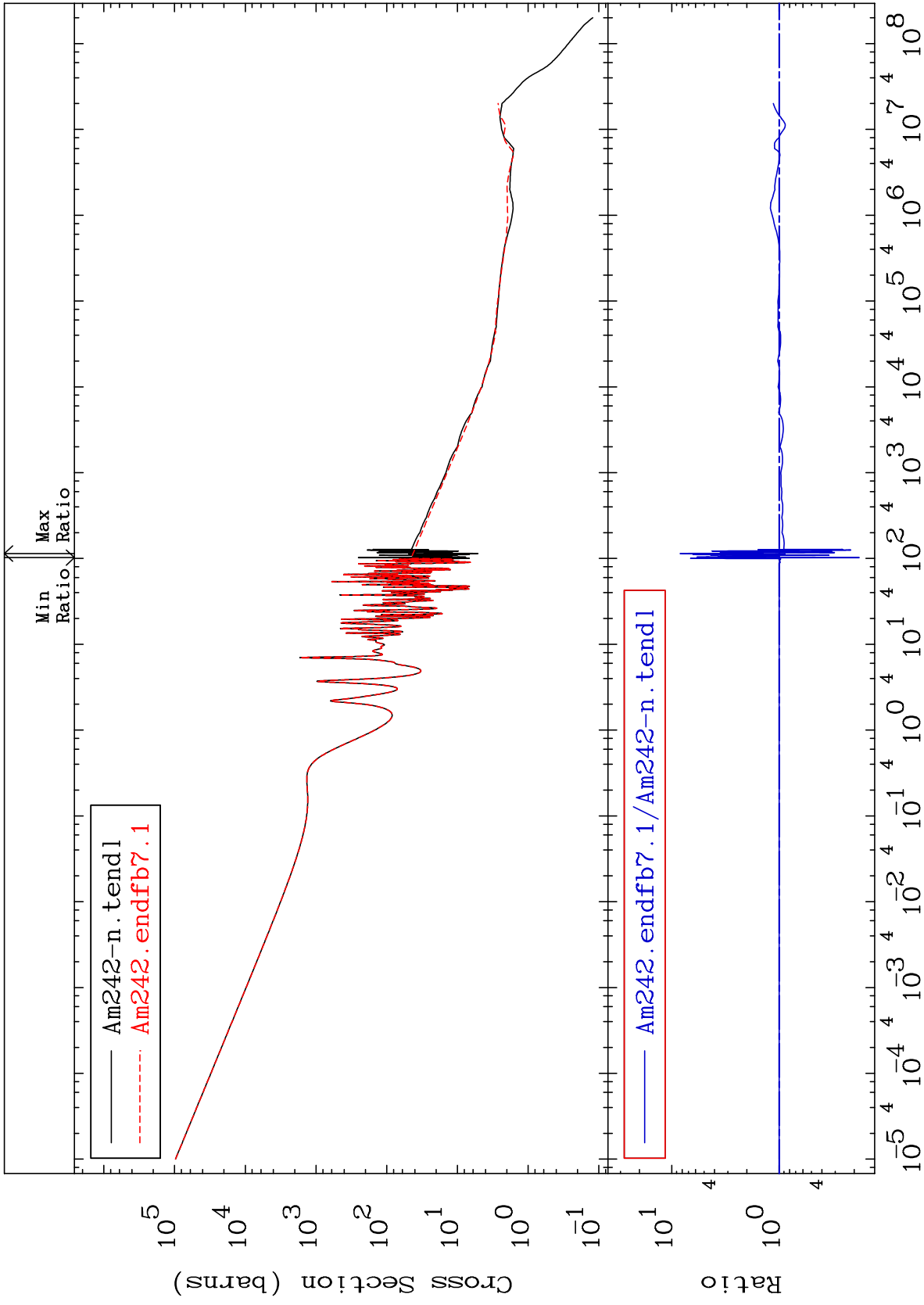
(n,3n)  
Cross Section

95-Am-242  
-99.93 To -86.81%



MAT 9546

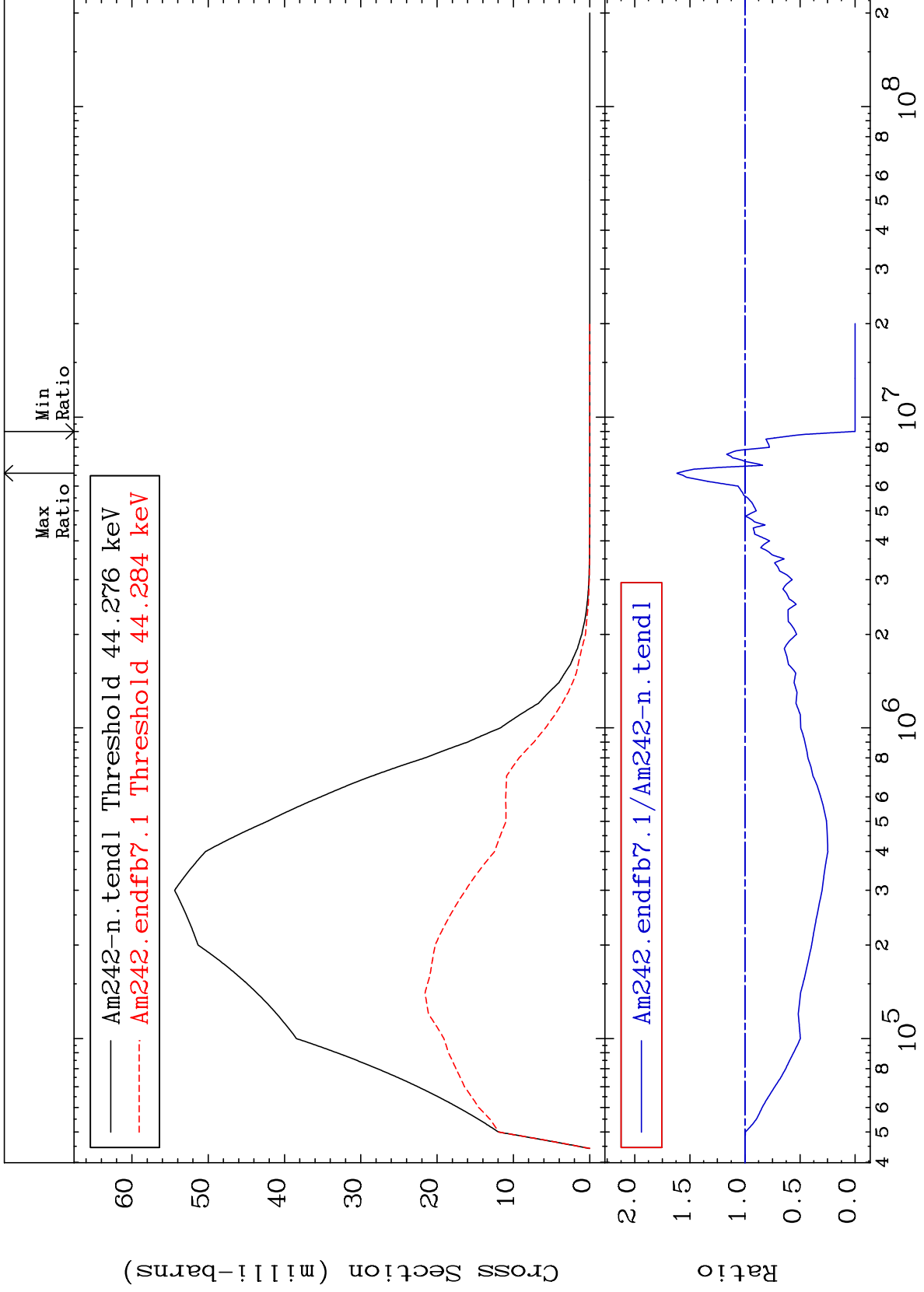
Fission Cross Section 95-Am-242  
-82.15 To 731.0 %



MAT 9546

44.09 keV (n,n') Level  
Cross Section

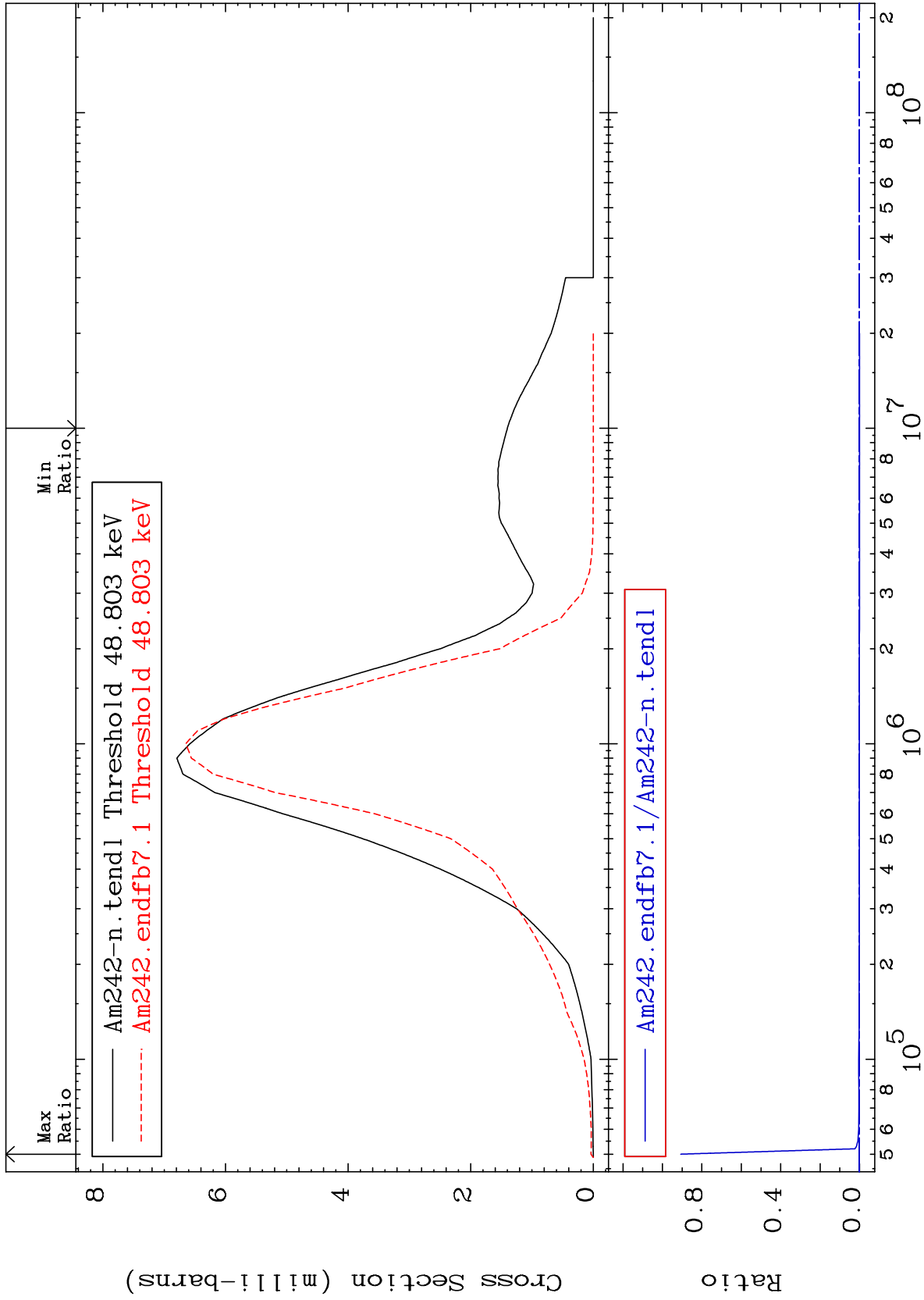
95-Am-242  
-100.0 To 61.74 %



MAT 9546

48.60 keV (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 9999. %

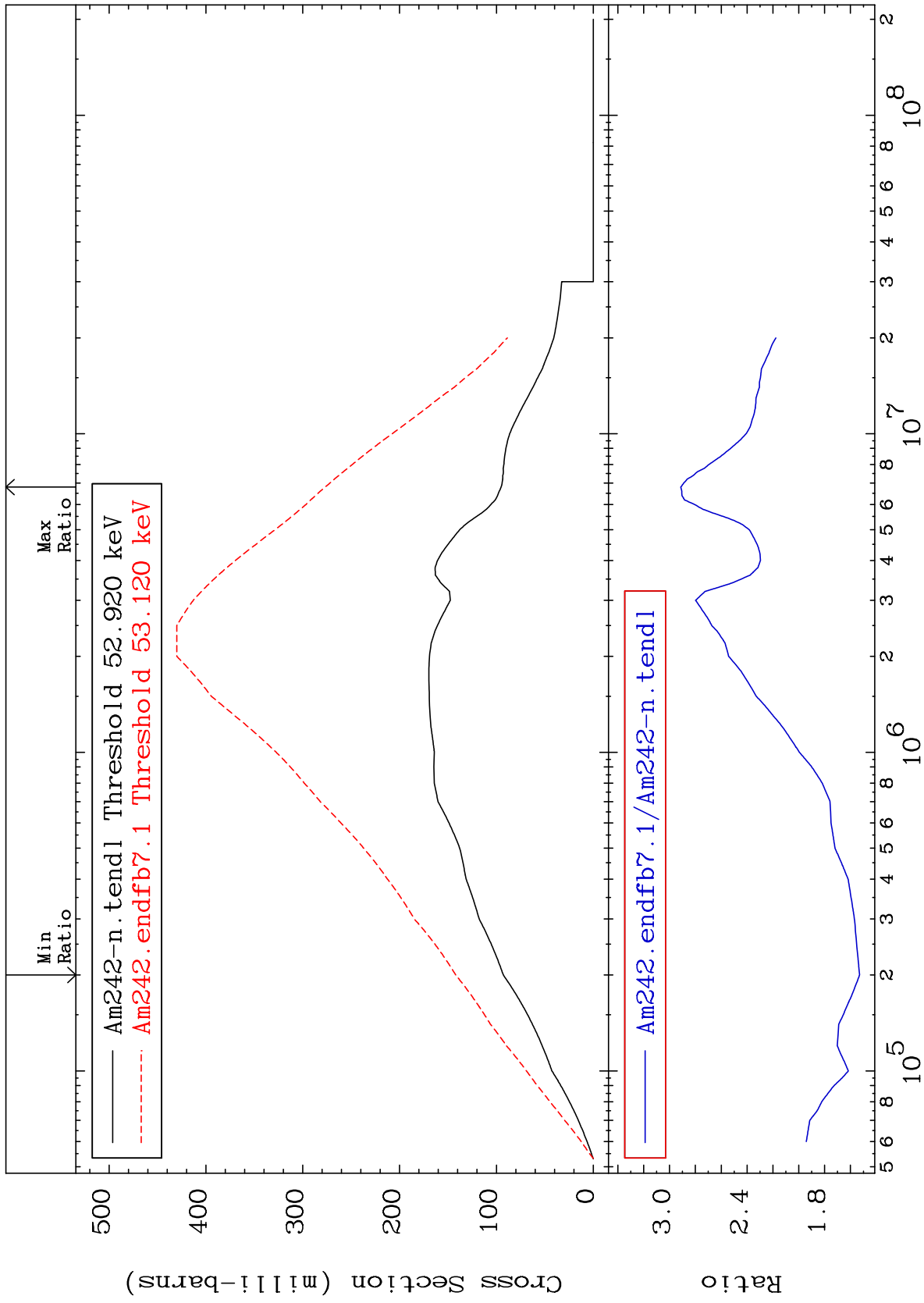


8

Incident Energy (eV)

95-Am-242

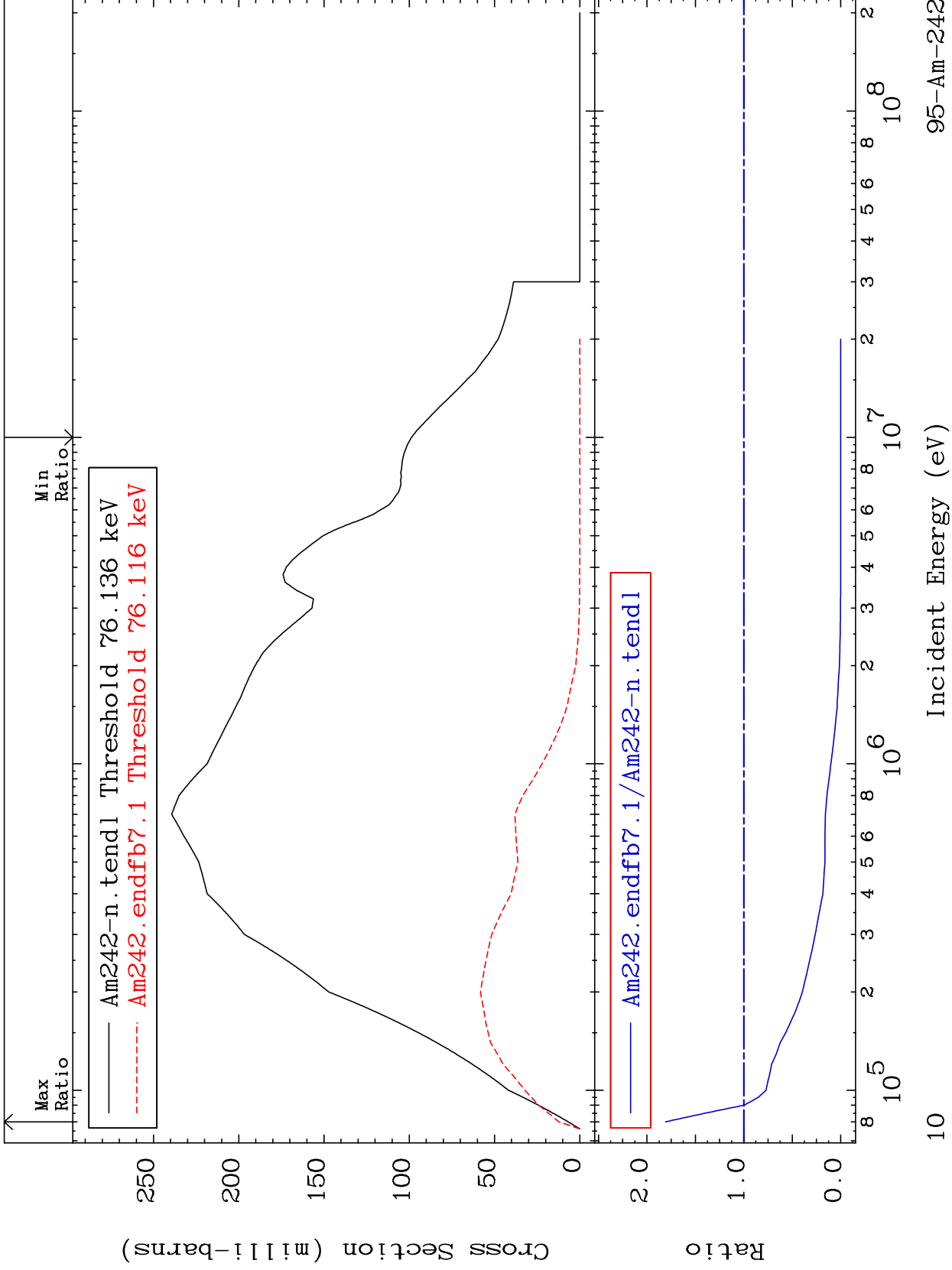
MAT 9546 52.70 keV (n,n') Level 95-Am-242  
 Cross Section To 191.3 %



MAT 9546

75.82 keV (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 80.83 %



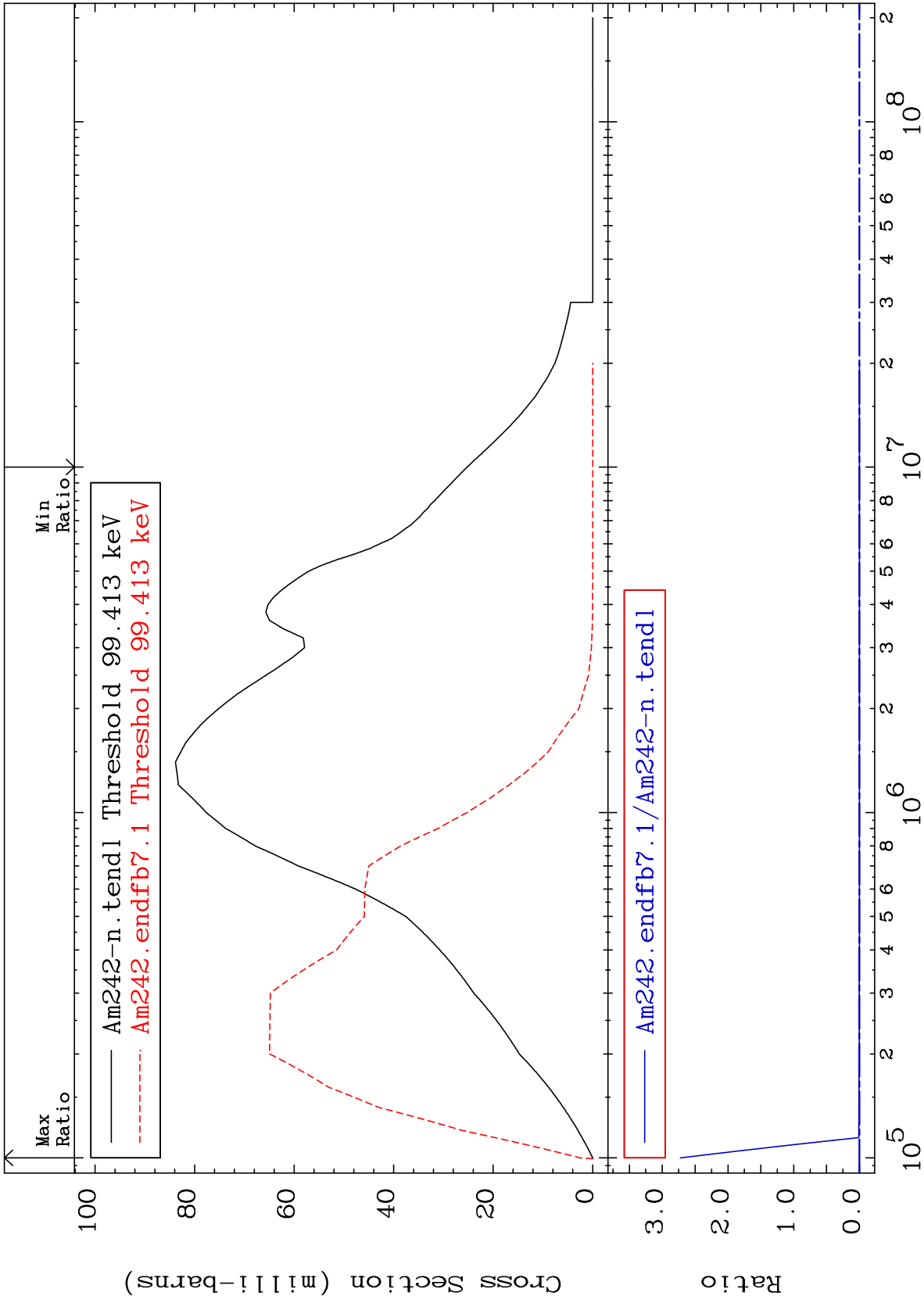
95-Am-242



MAT 9546

99.00 keV (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 9999. %



11

Incident Energy (eV)

95-Am-242

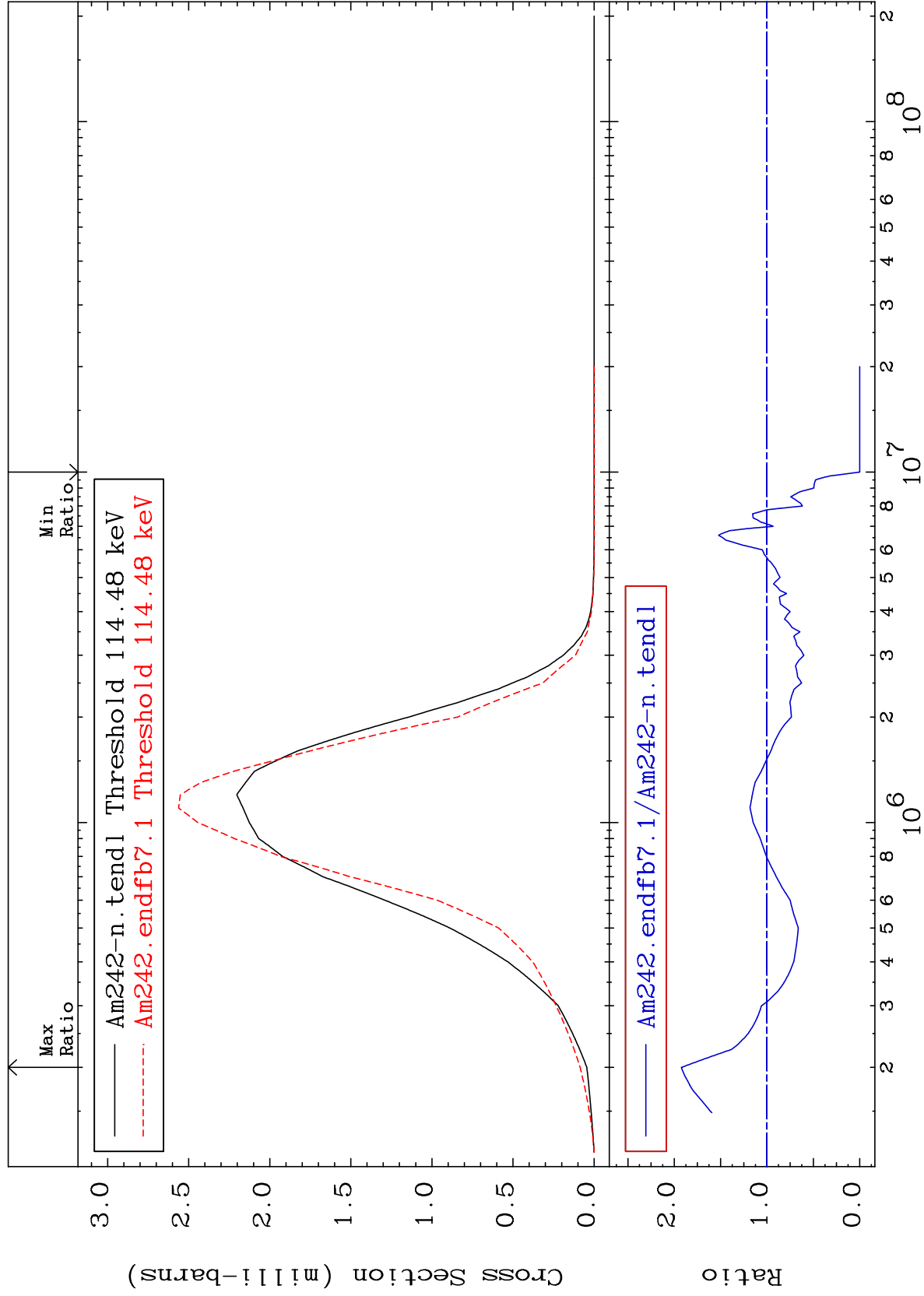
MAT 9546

114.0 keV (n,n') Level

95-Am-242

-100.0 To 92.30 %

Cross Section

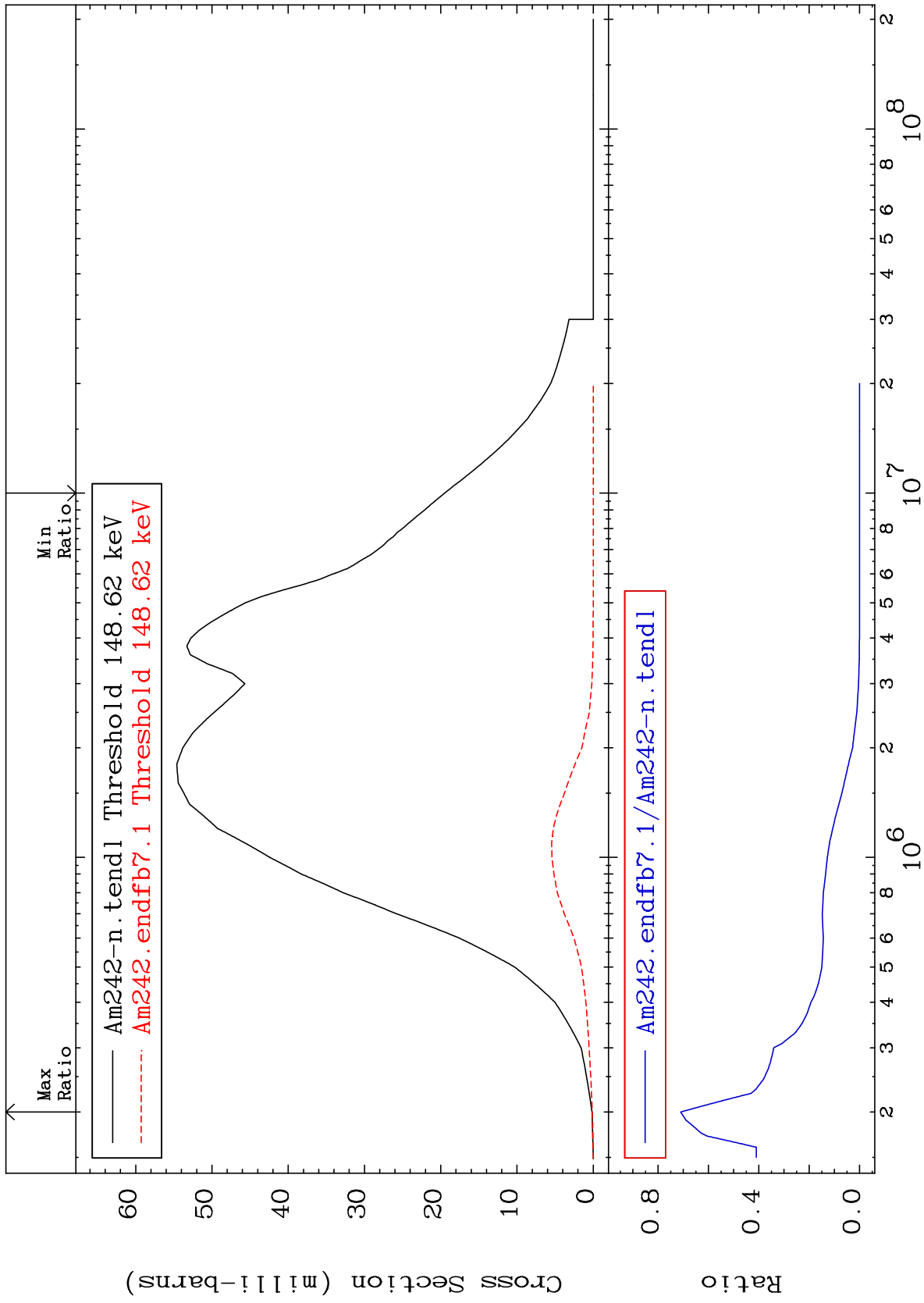


12

Incident Energy (eV)

95-Am-242

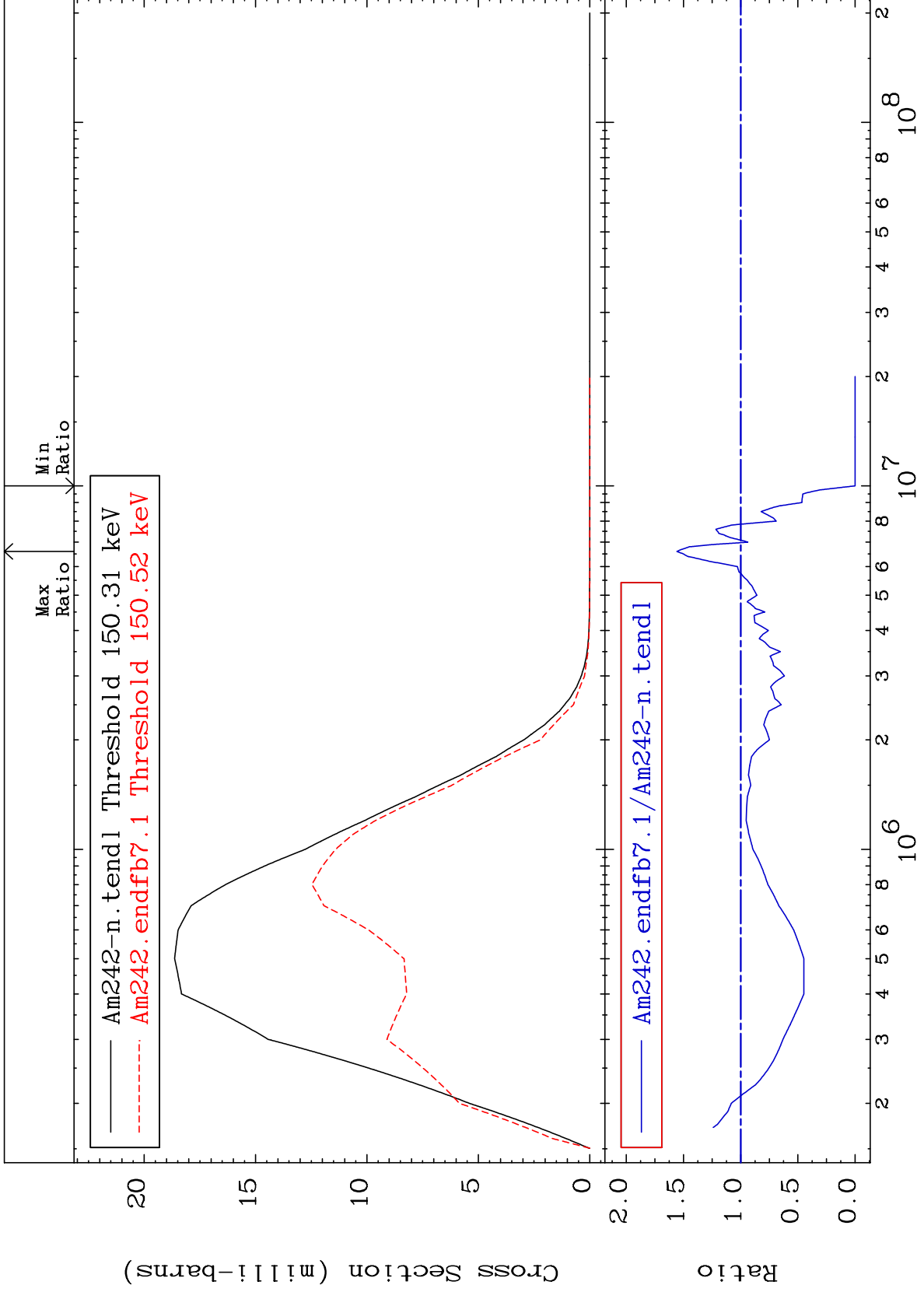
MAT 9546 148.0 keV (n,n') Level 95-Am-242  
 Cross Section -100.0 To -29.01%



MAT 9546

149.7 keV (n,n') Level  
Cross Section

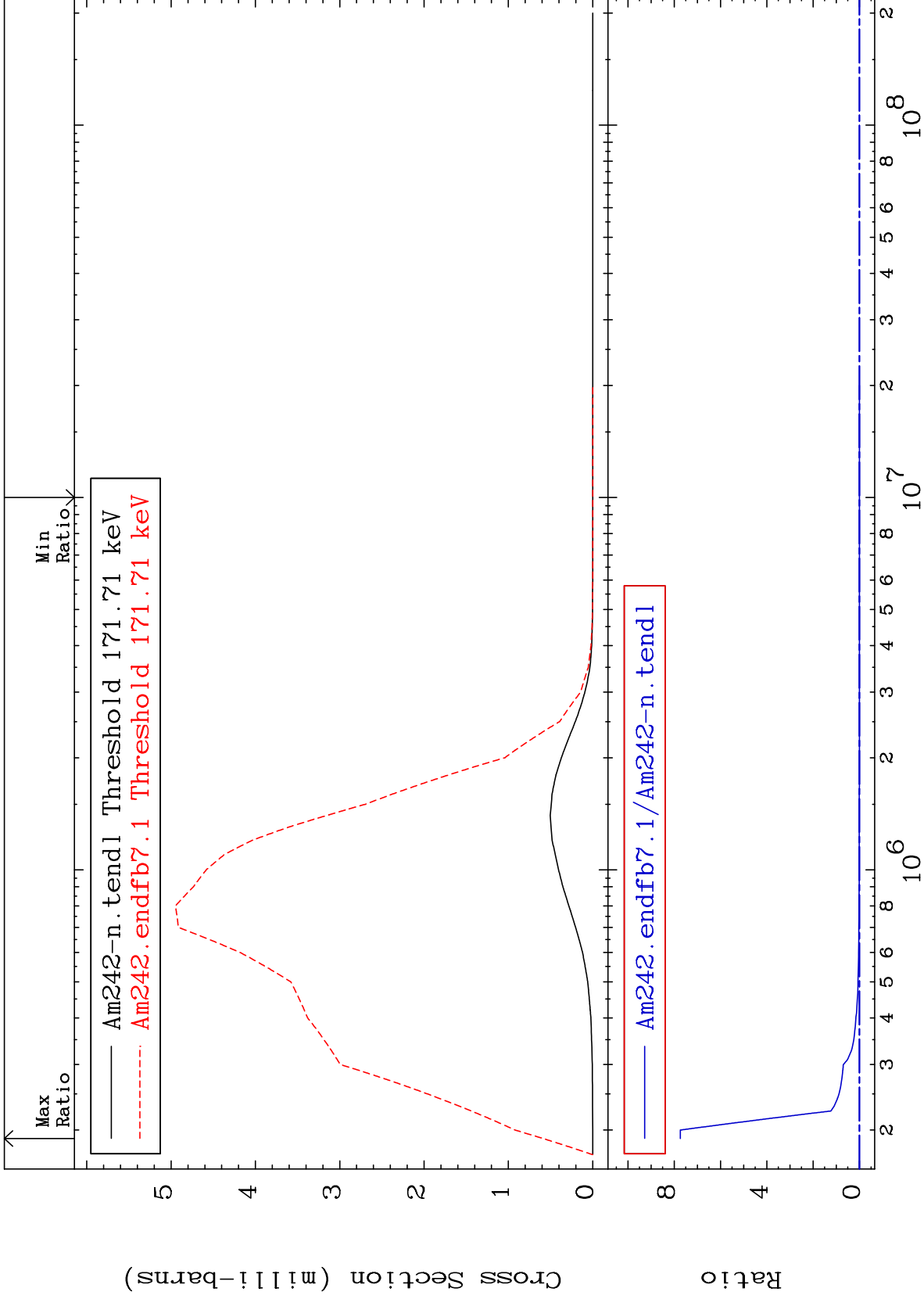
95-Am-242  
-100.0 To 55.79 %



MAT 9546

171.0 keV (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 9999. %



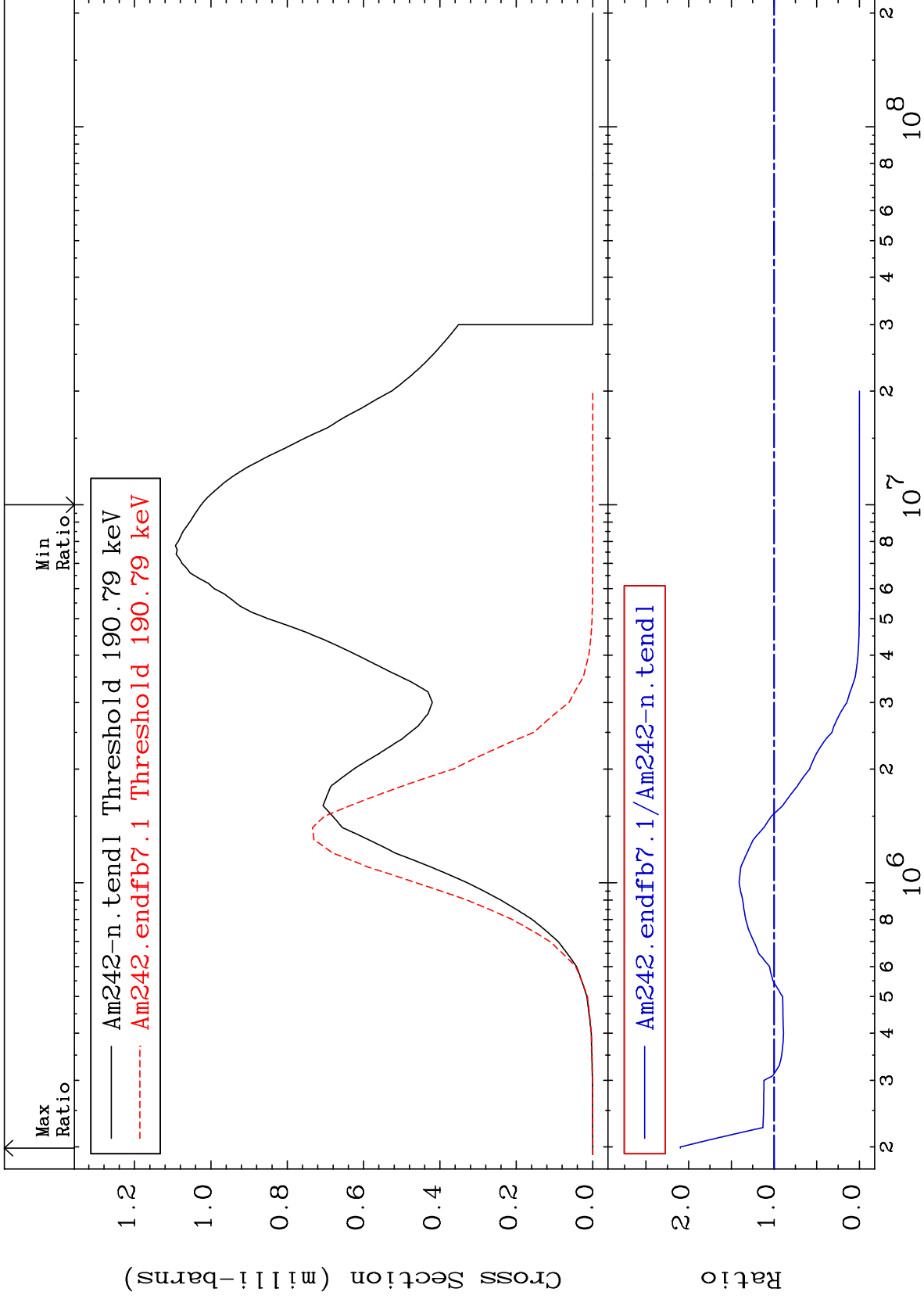
15

95-Am-242

MAT 9546

190.0 keV (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 109.7 %



16

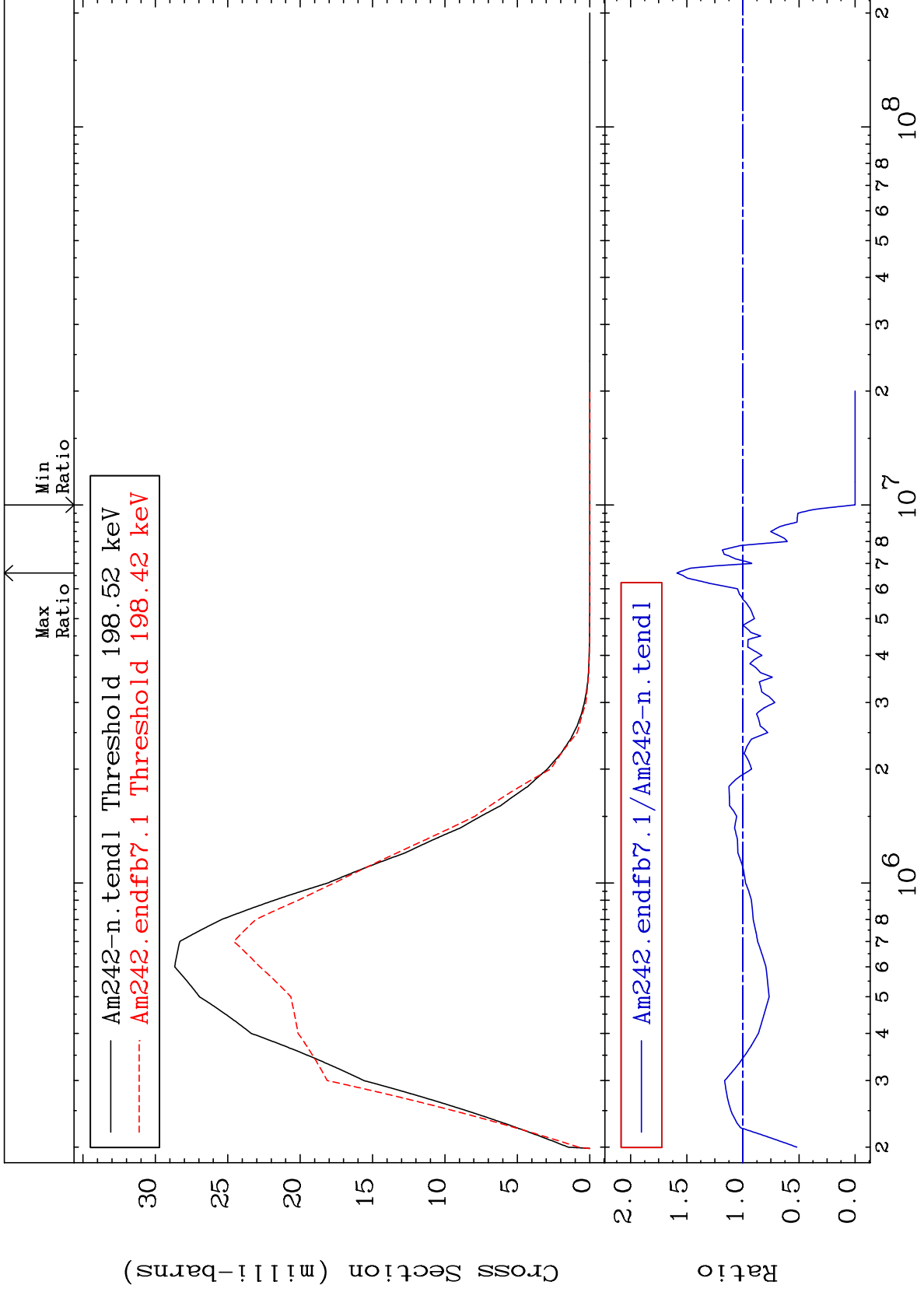
Incident Energy (eV)

95-Am-242

MAT 9546

197.7 keV (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 58.78 %



17

Incident Energy (eV)

95-Am-242

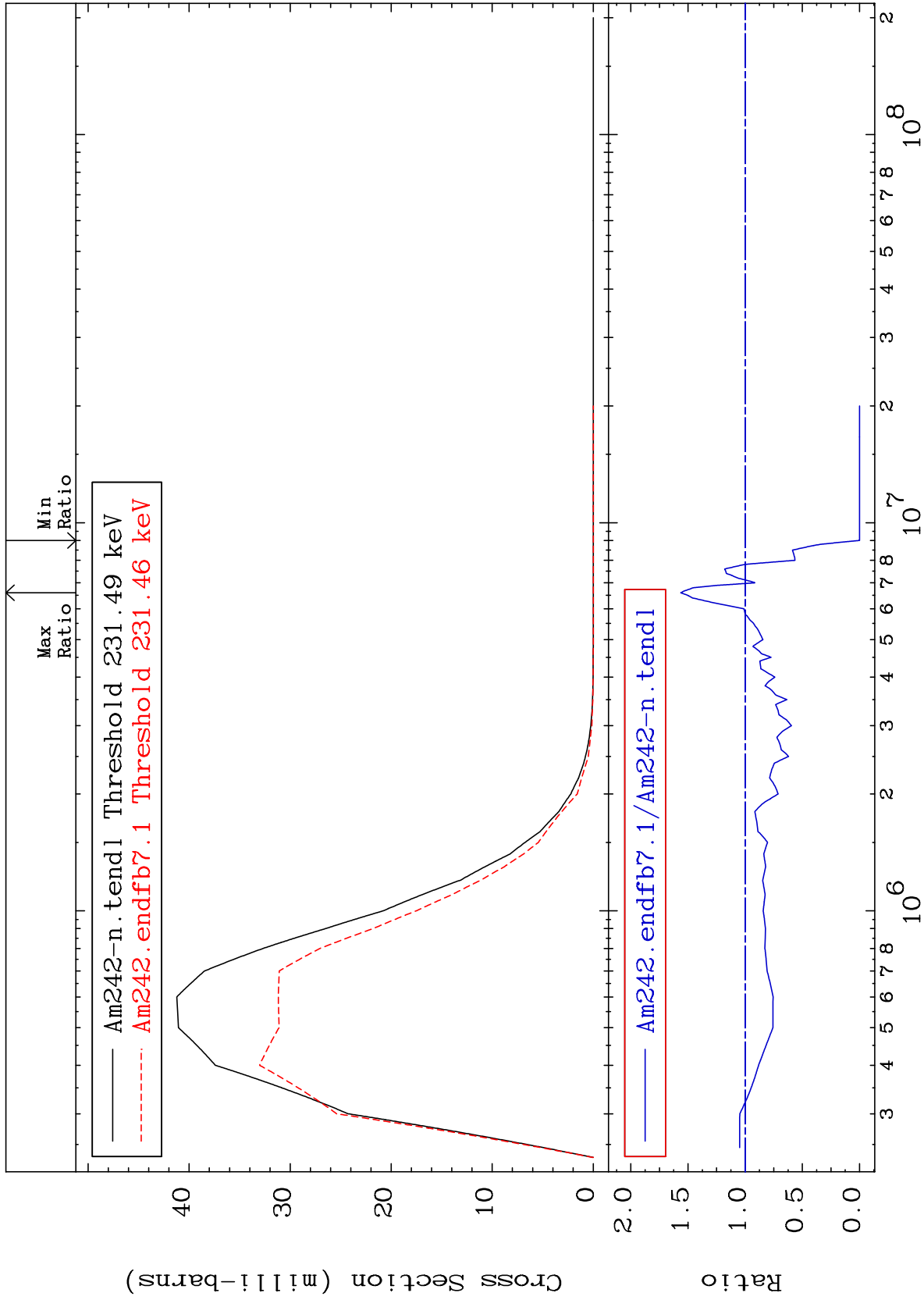
MAT 9546

230.5 keV (n,n') Level

95-Am-242

-100.0 To 56.32 %

Cross Section



18

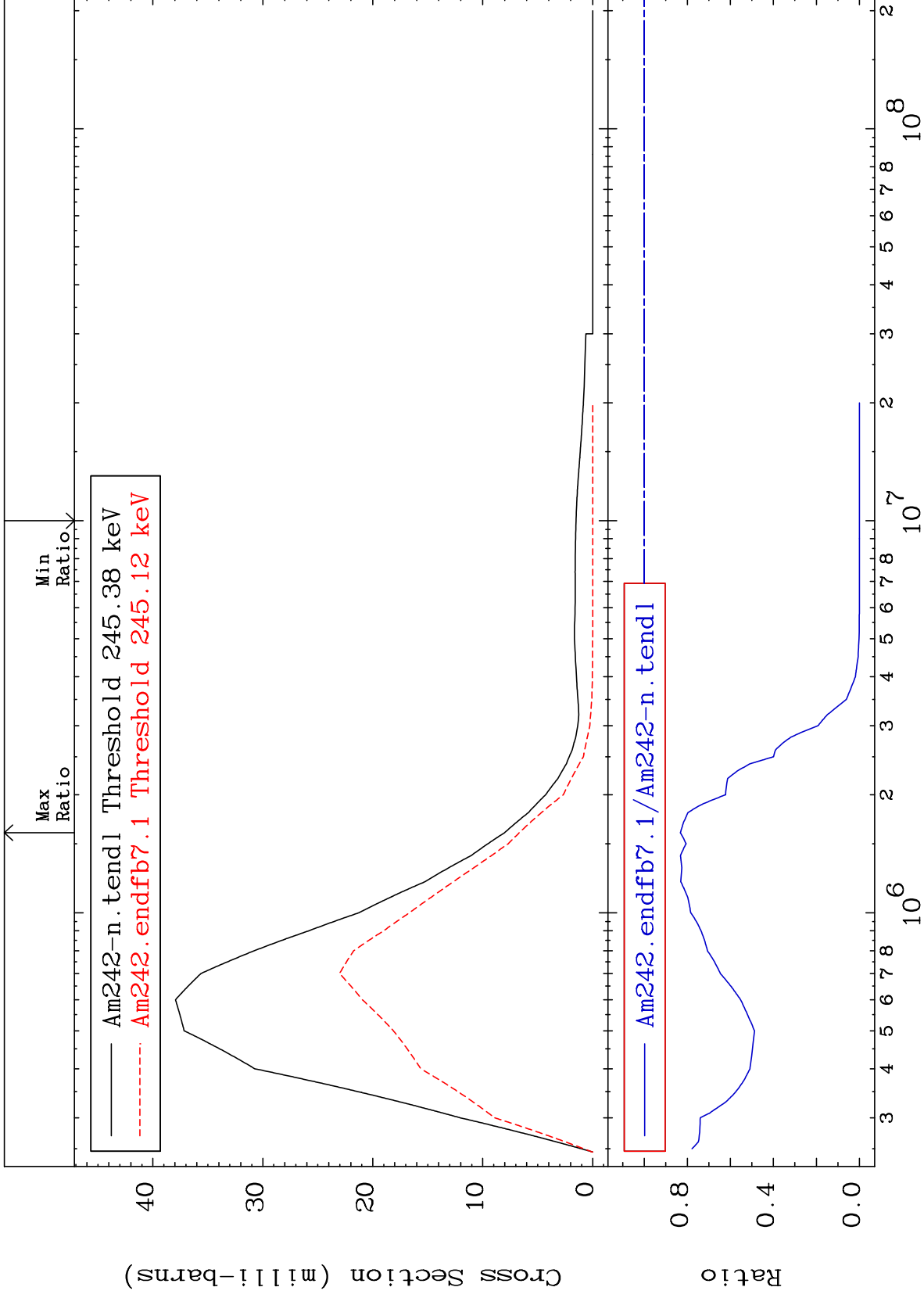
95-Am-242



MAT 9546

244.4 keV (n,n') Level  
Cross Section

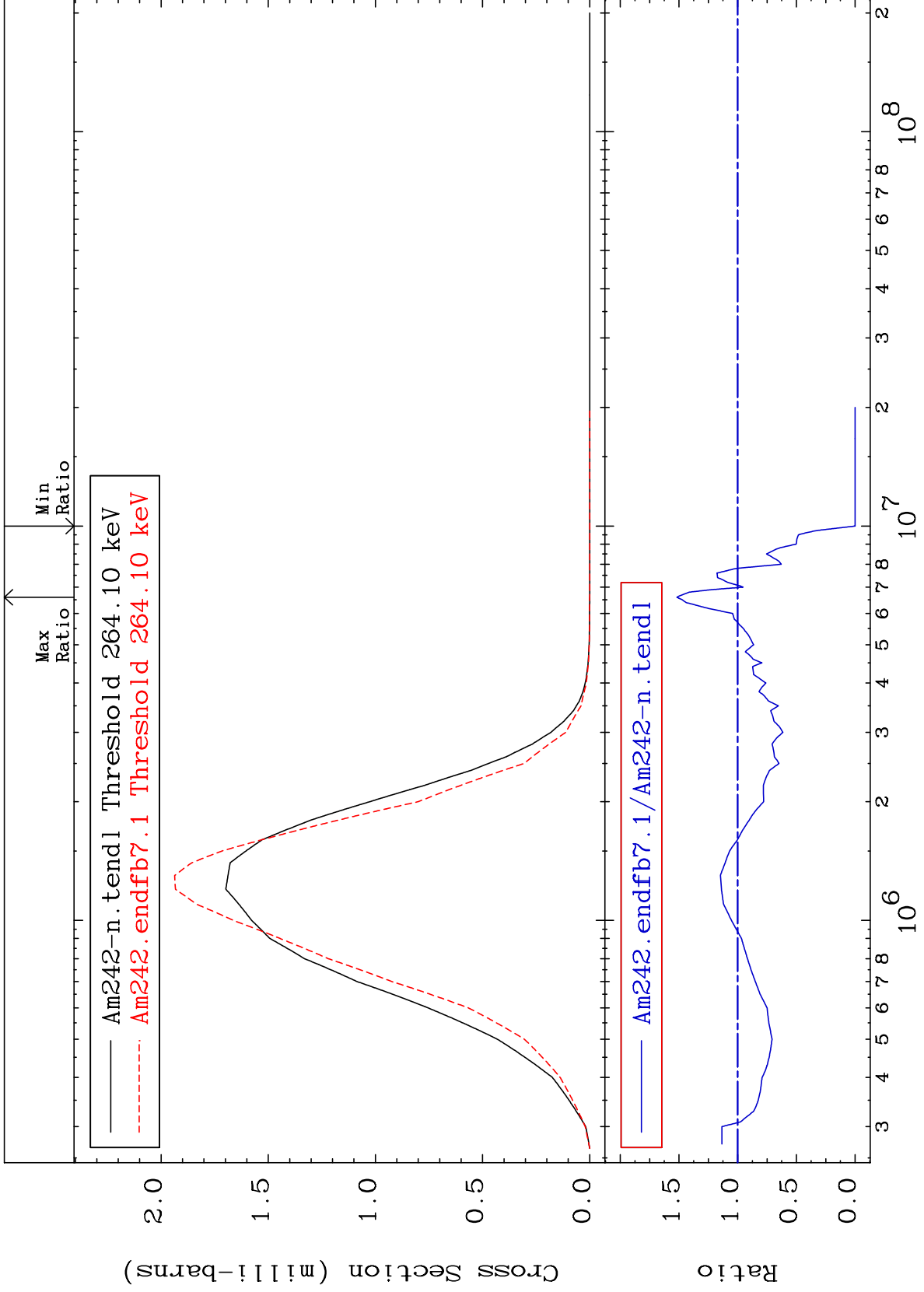
95-Am-242  
-100.0 To -16.77%



MAT 9546

263.0 keV (n,n') Level  
Cross Section

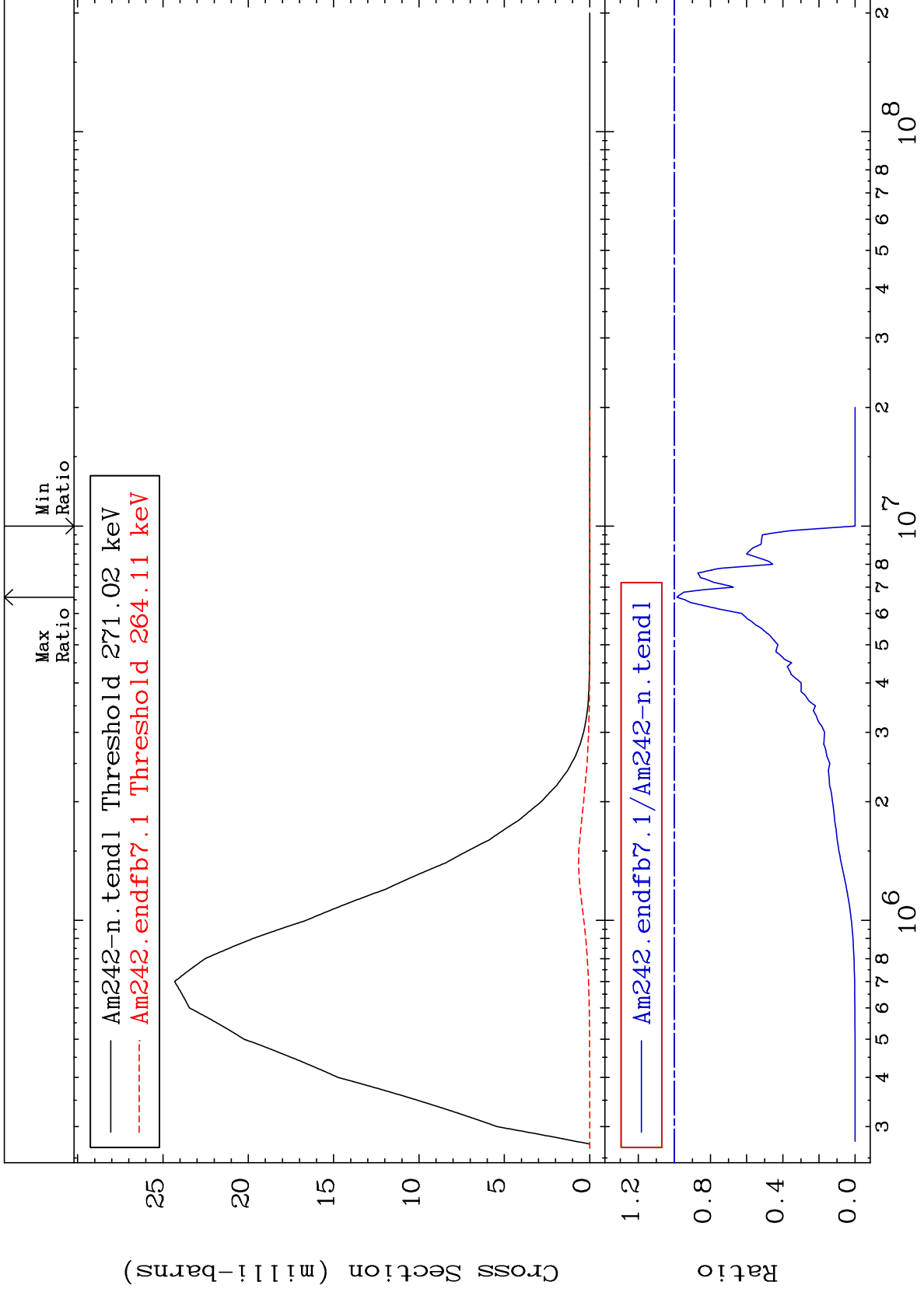
95-Am-242  
-100.0 To 51.76 %



MAT 9546

269.9 keV (n,n') Level  
Cross Section

95-Am-242  
-100.0 To -1.416%



21

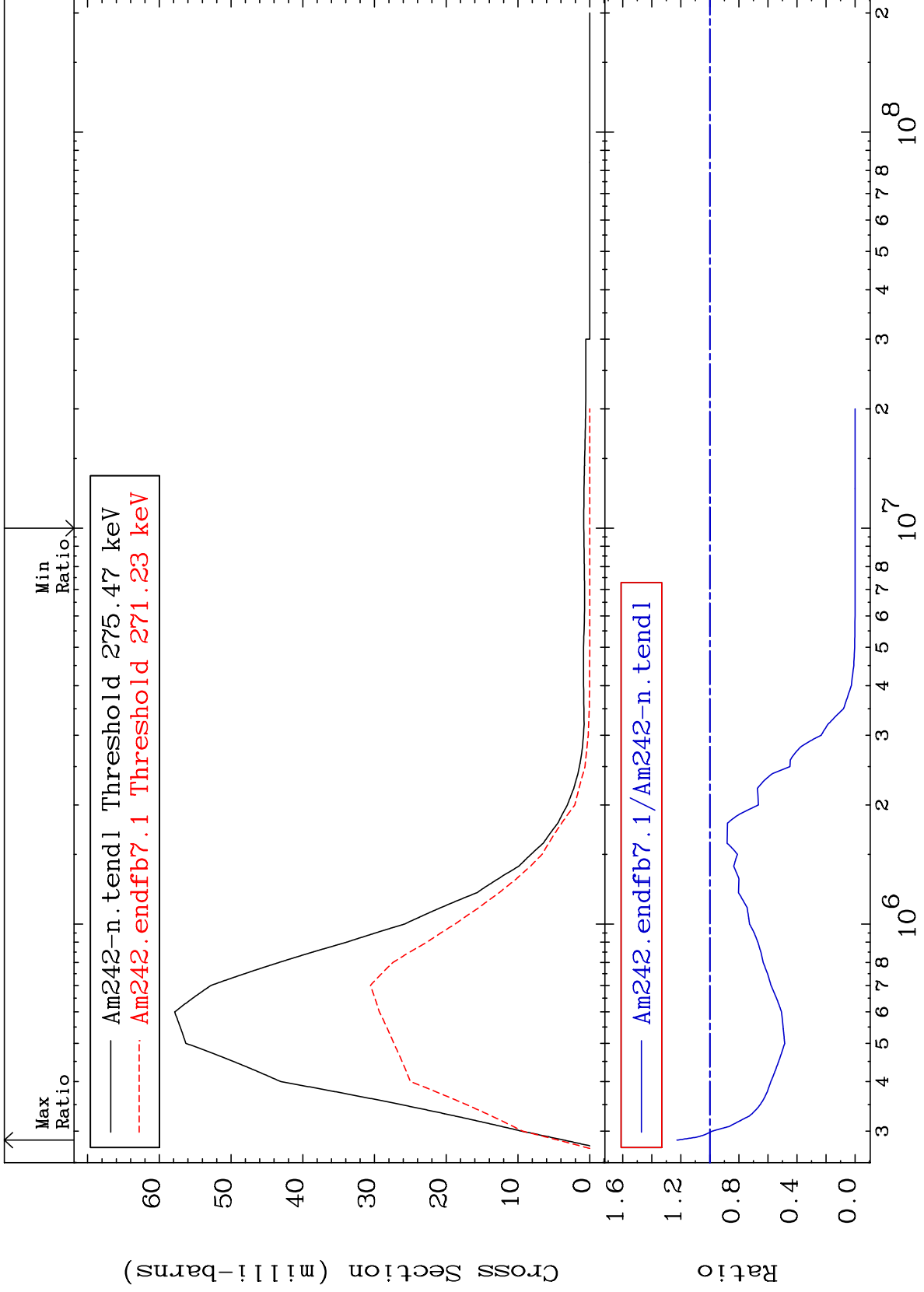
Incident Energy (eV)

95-Am-242

MAT 9546

274.3 keV (n,n') Level  
Cross Section

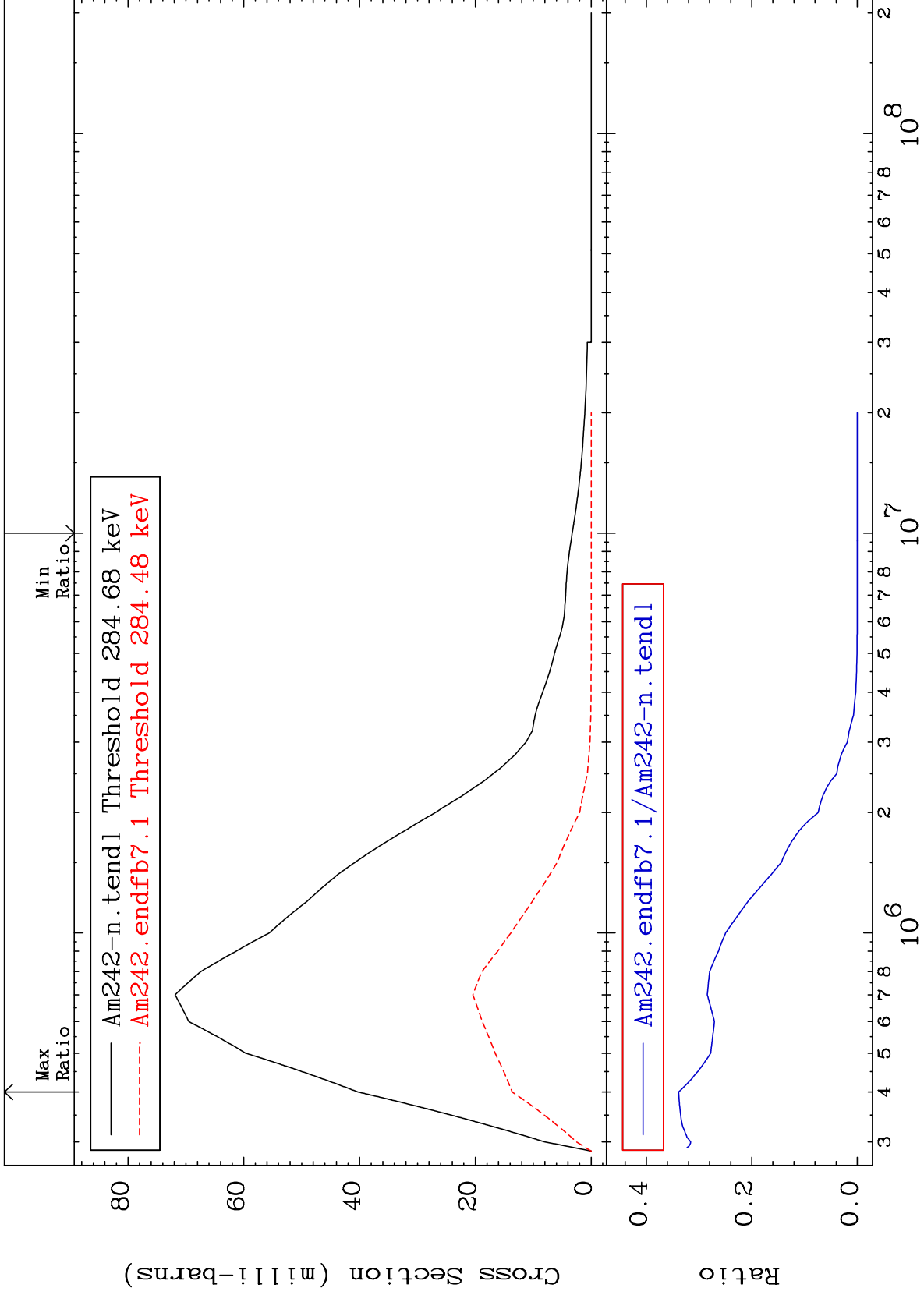
95-Am-242  
-100.0 To 22.72 %



MAT 9546

283.5 keV (n,n') Level  
Cross Section

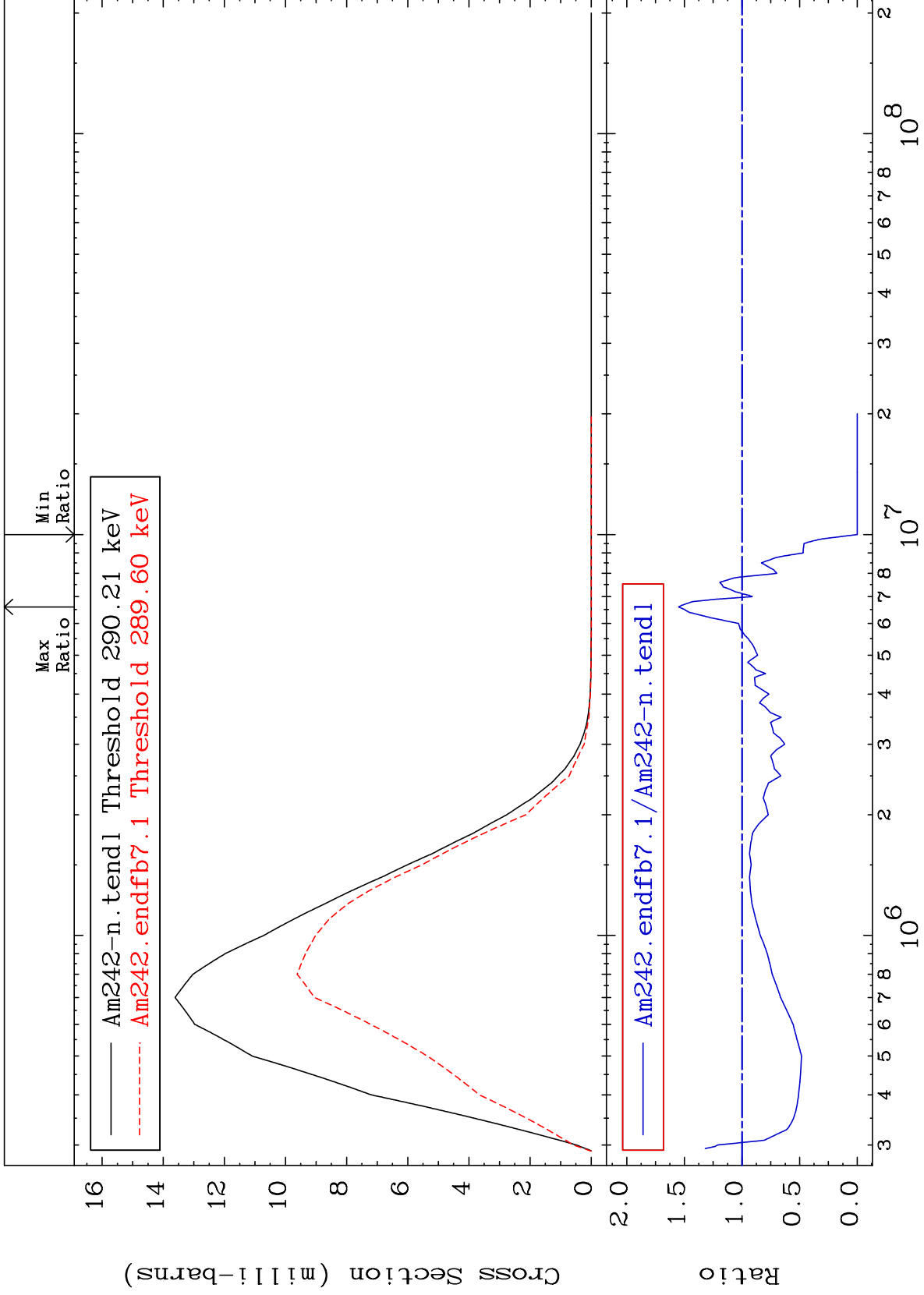
95-Am-242  
-100.0 To -66.13%



MAT 9546

289.0 keV (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 54.96 %

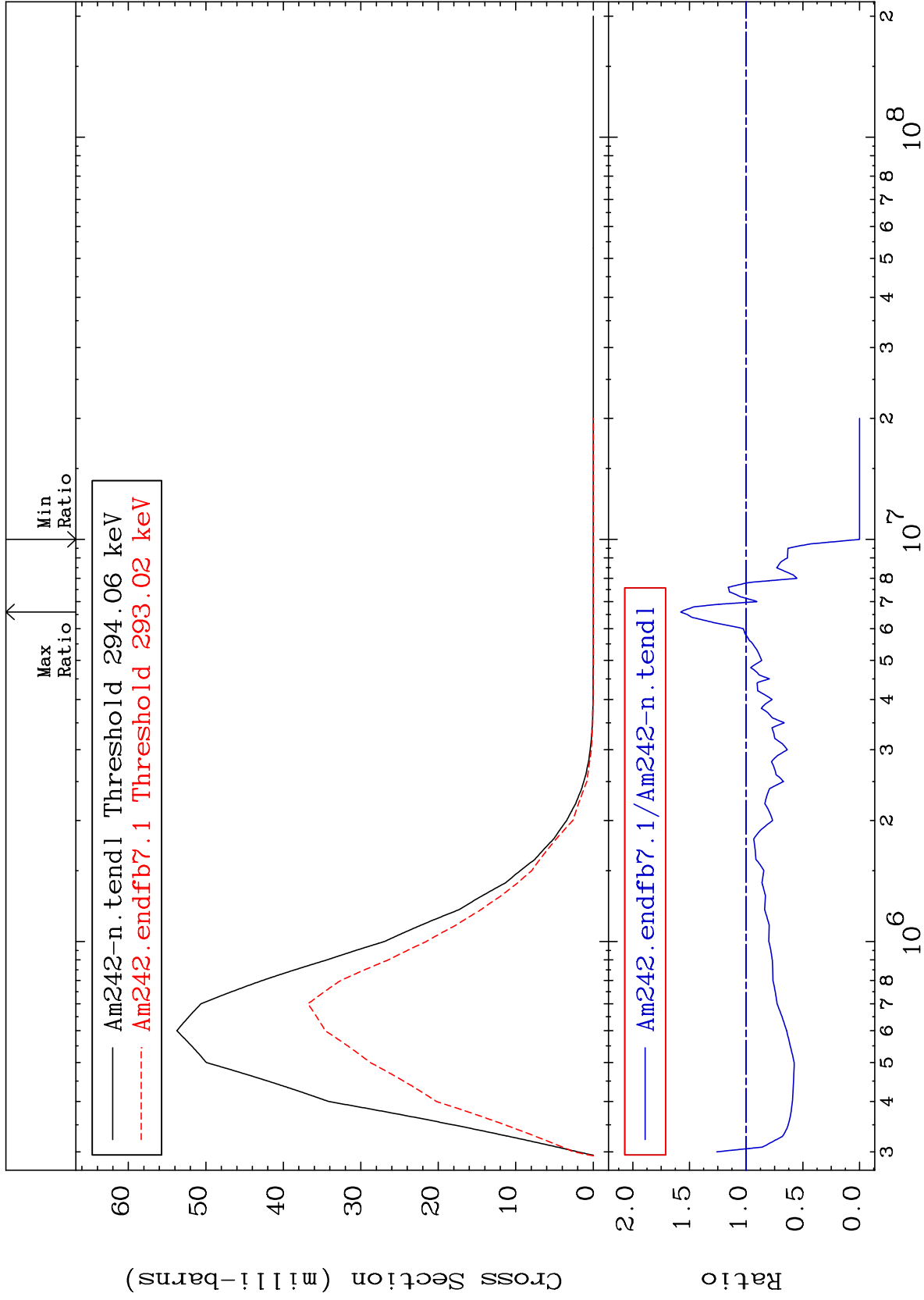


MAT 9546

292.8 keV (n,n') Level

95-Am-242

-100.0 To 57.70 %



25

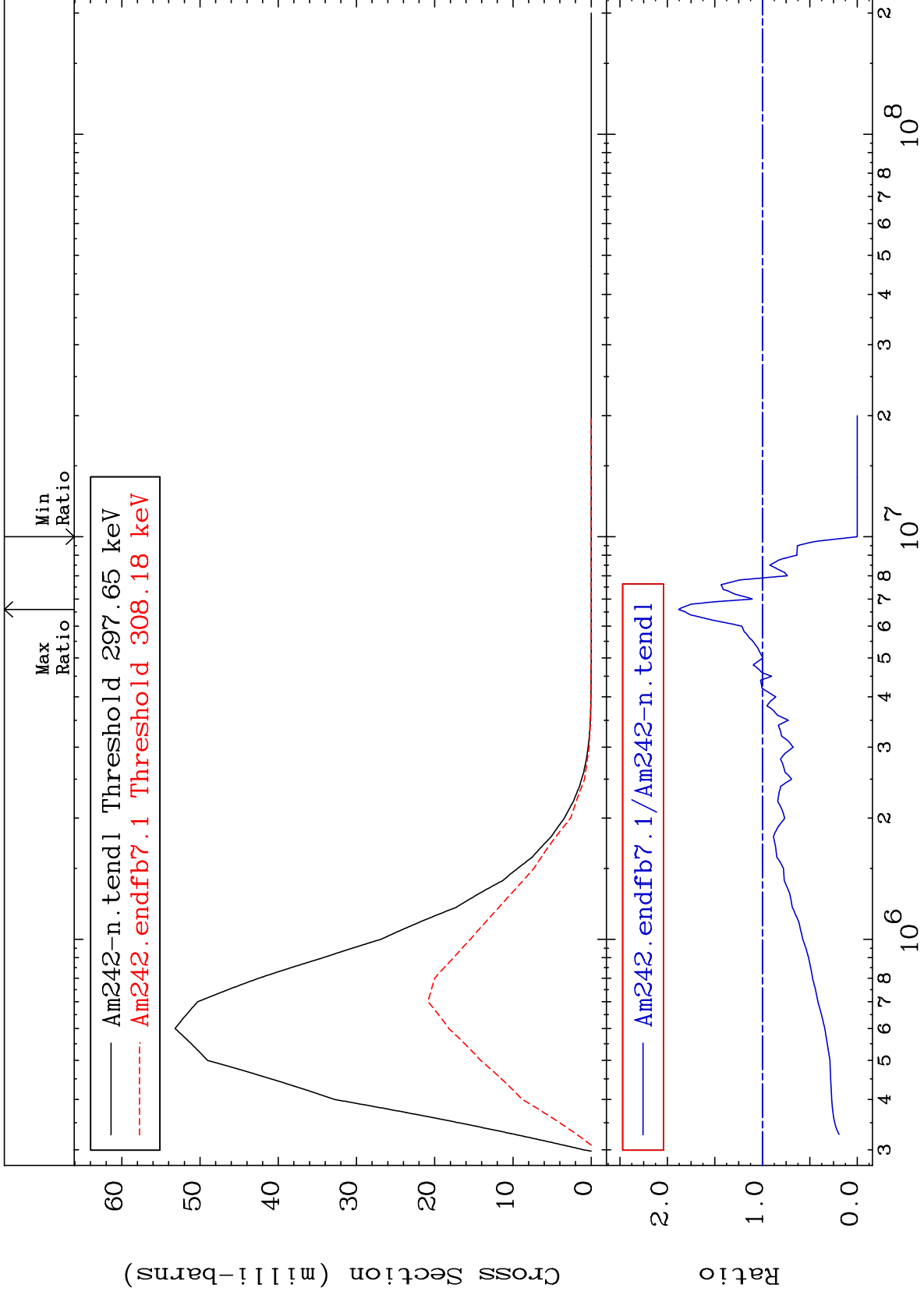
Incident Energy (eV)

95-Am-242

MAT 9546

296.4 keV (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 88.17 %



26

Incident Energy (eV)

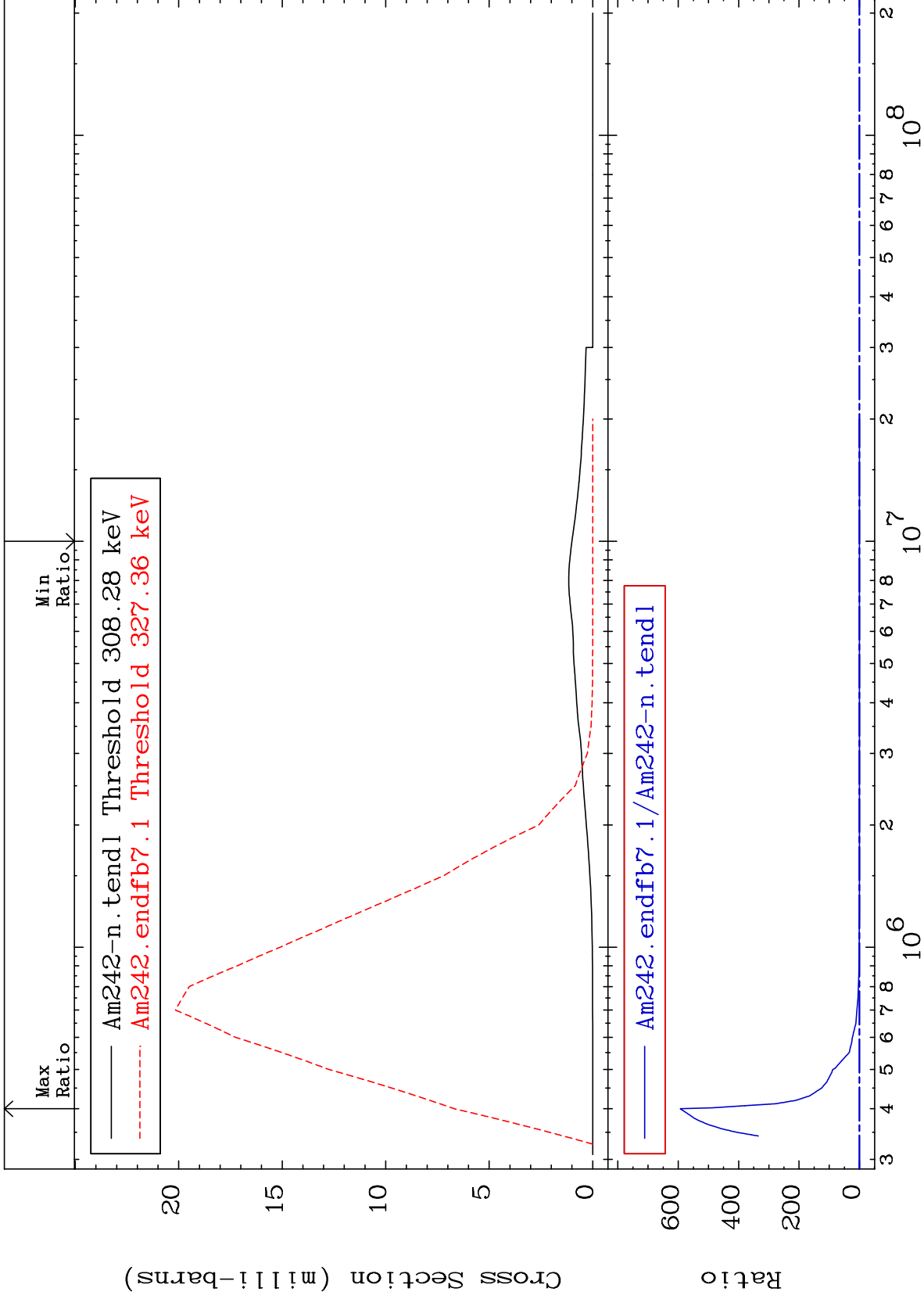
95-Am-242



MAT 9546

307.0 keV (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 9999. %



27

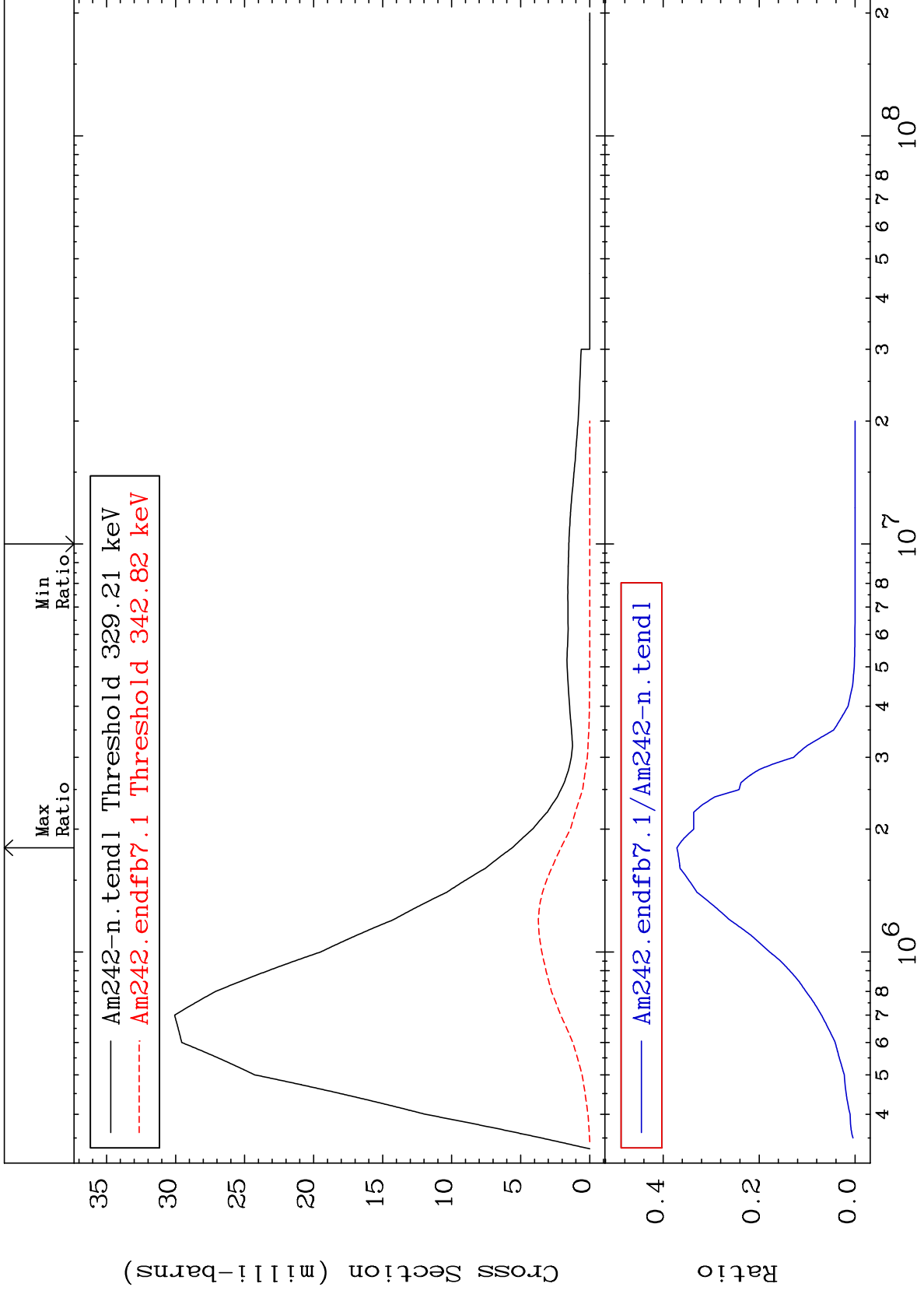
Incident Energy (eV)

95-Am-242

MAT 9546

327.8 keV (n,n') Level  
Cross Section

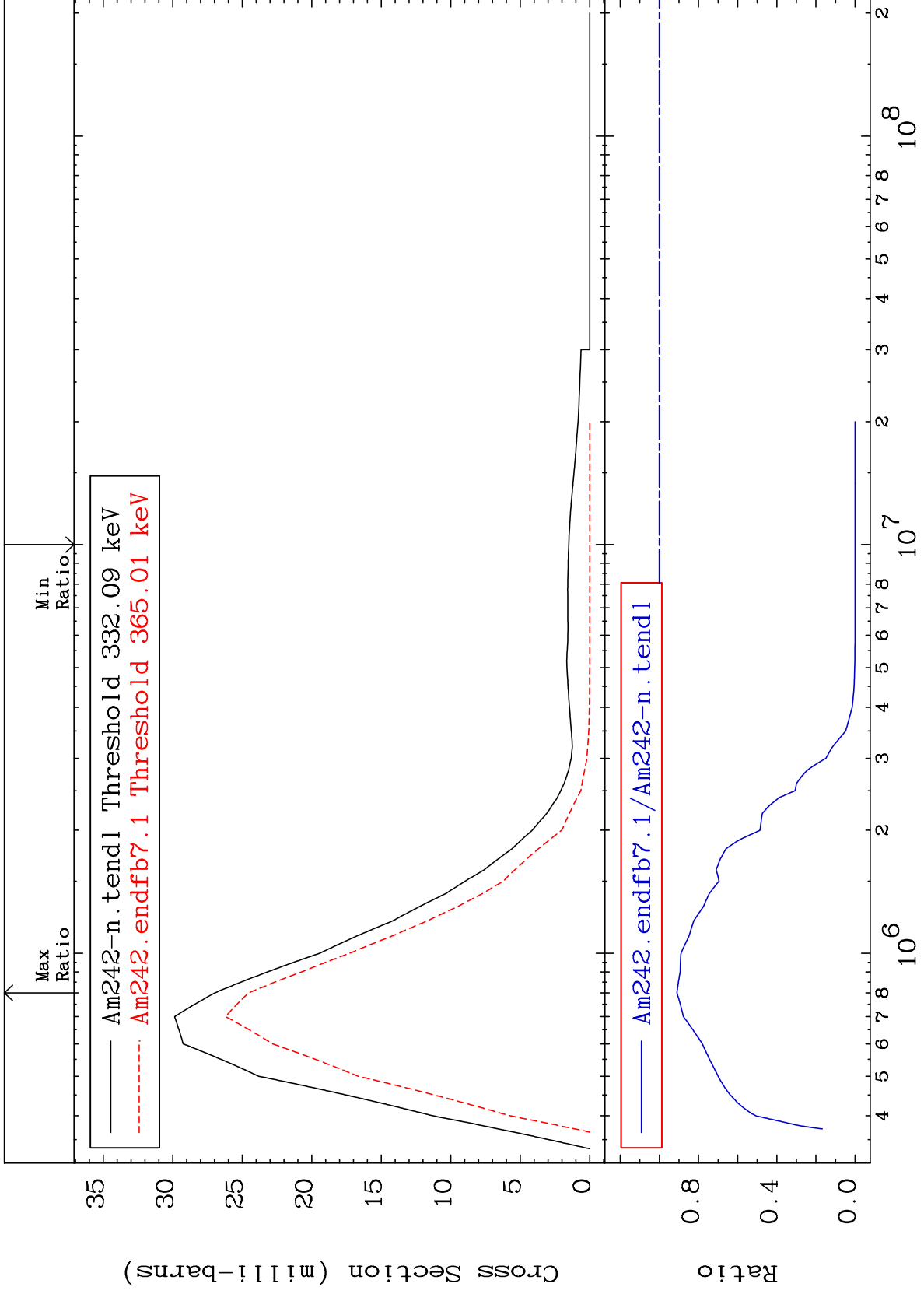
95-Am-242  
-100.0 To -62.86%



MAT 9546

330.7 keV (n,n') Level  
Cross Section

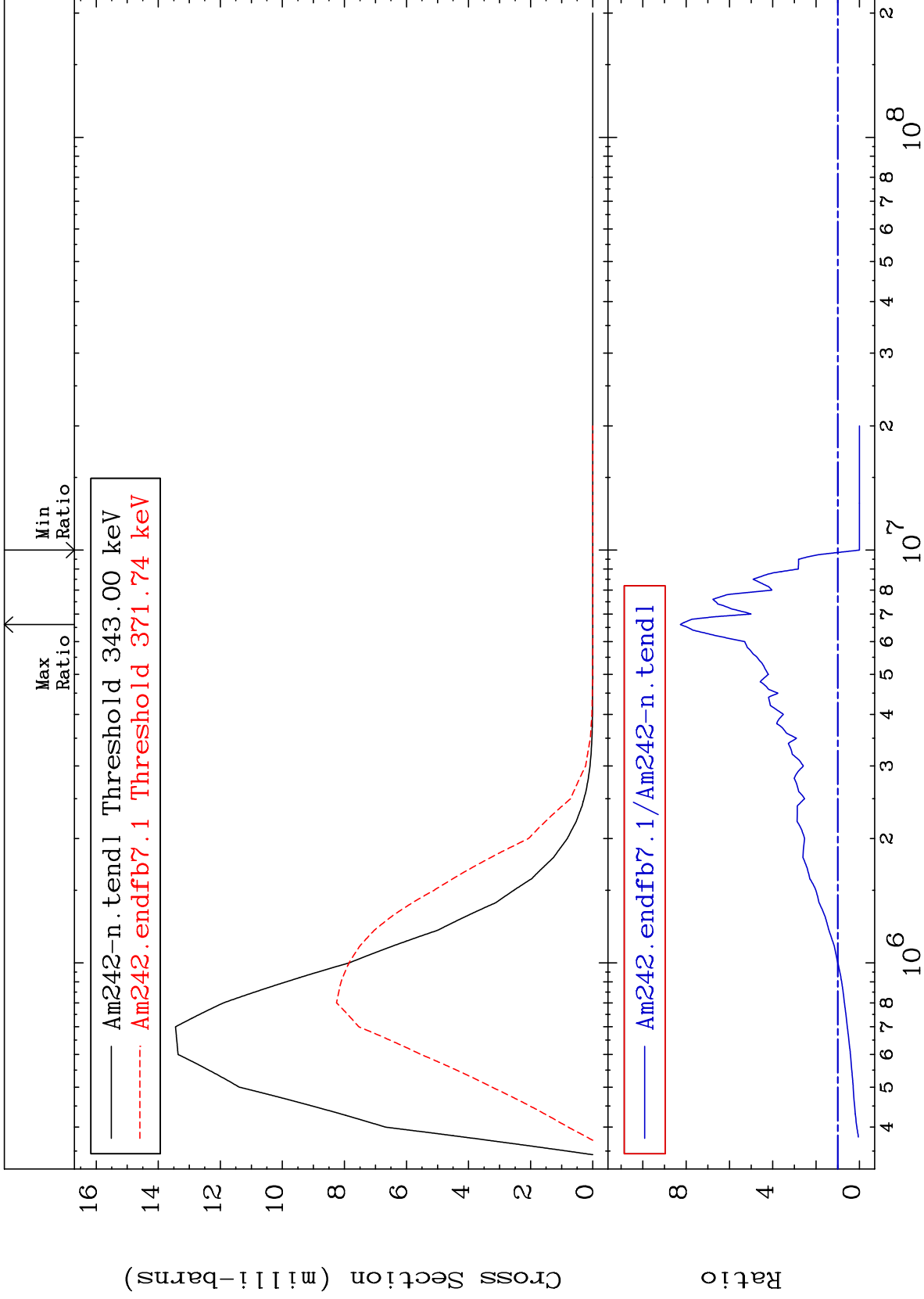
95-Am-242  
-100.0 To -8.974%



MAT 9546

341.6 keV (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 726.6 %



30

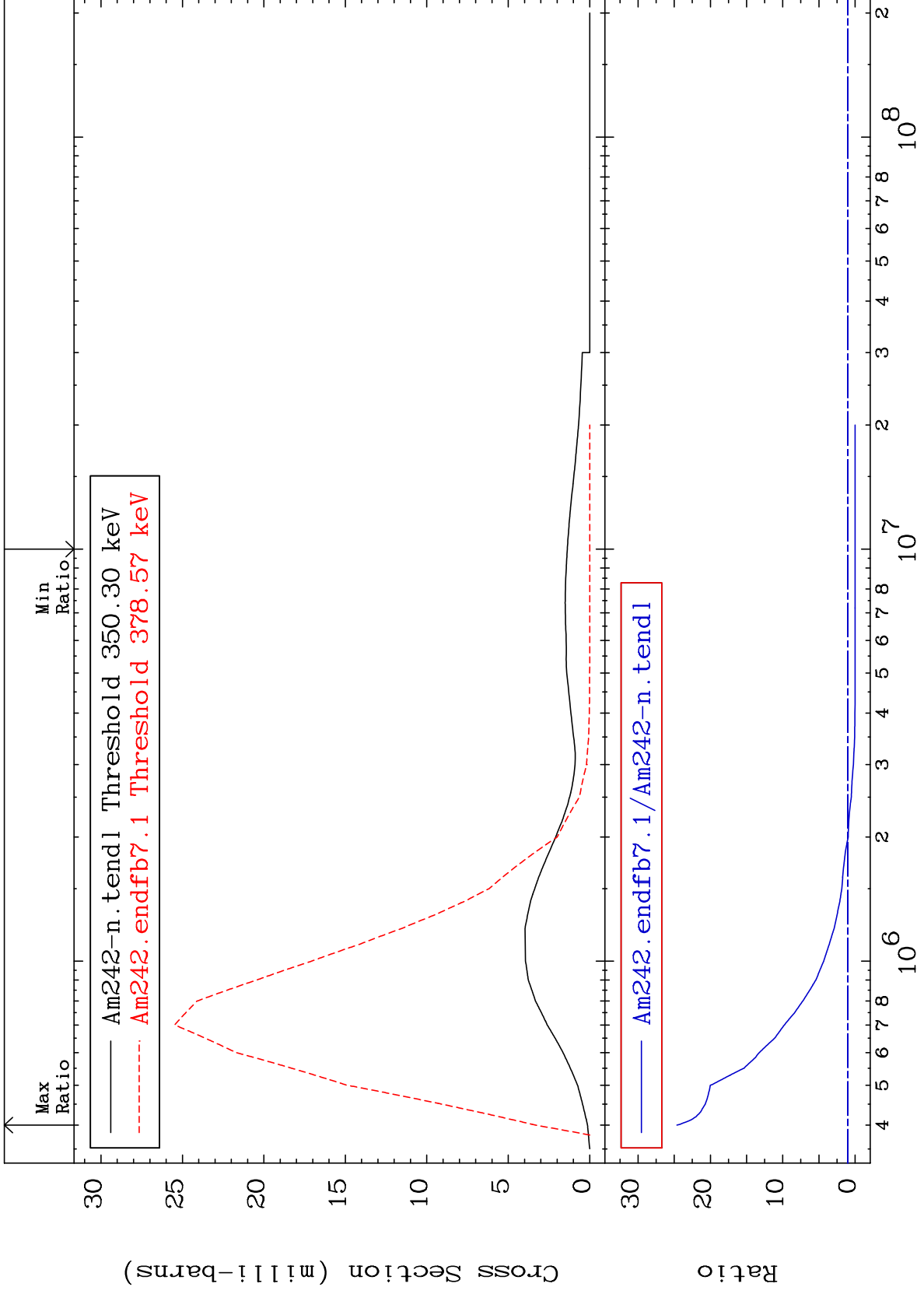
Incident Energy (eV)

95-Am-242

MAT 9546

348.8 keV (n,n') Level  
Cross Section

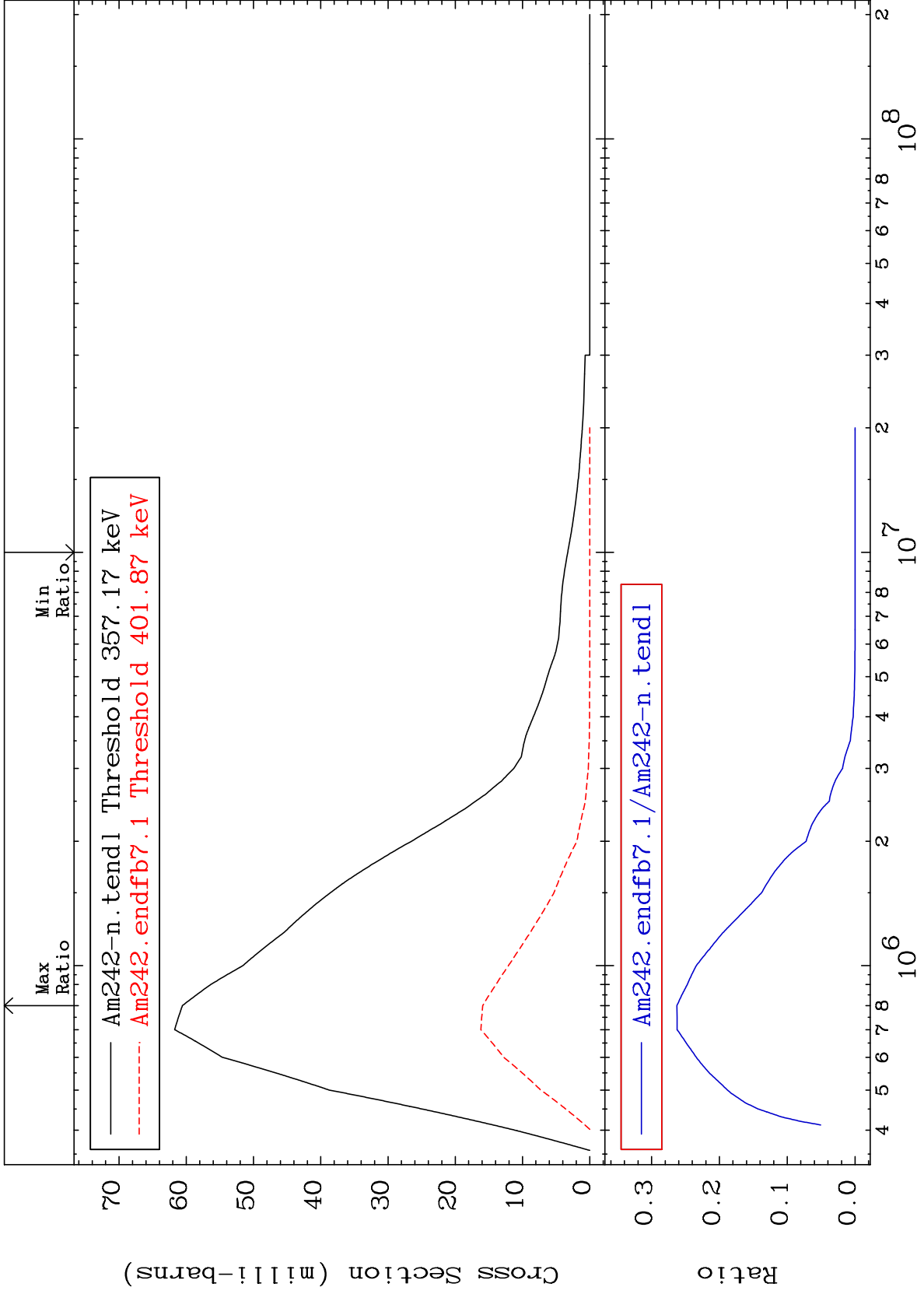
95-Am-242  
-100.0 To 2363. %



MAT 9546

355.7 keV (n,n') Level  
Cross Section

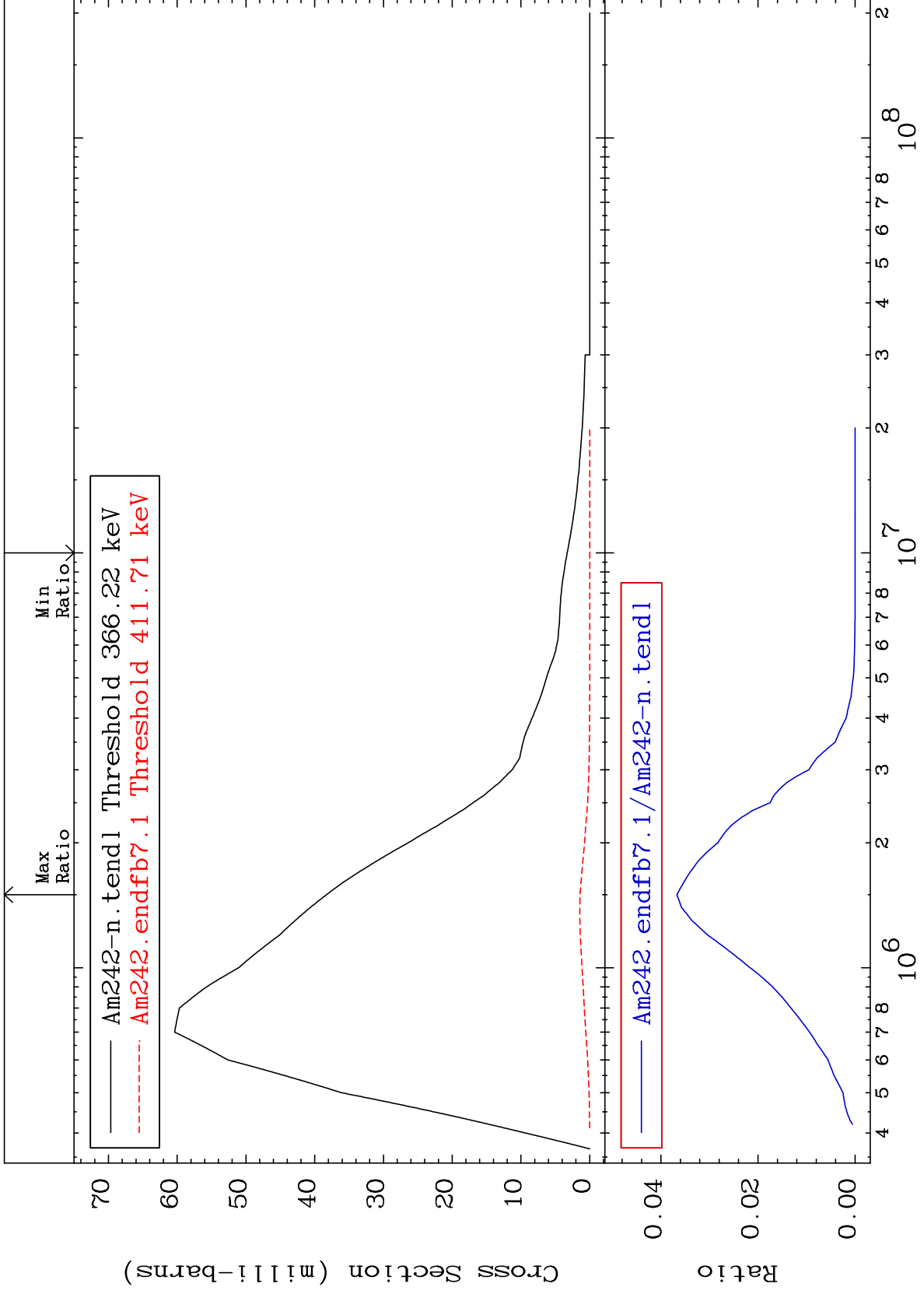
95-Am-242  
-100.0 To -73.73%



MAT 9546

364.7 keV (n,n') Level  
Cross Section

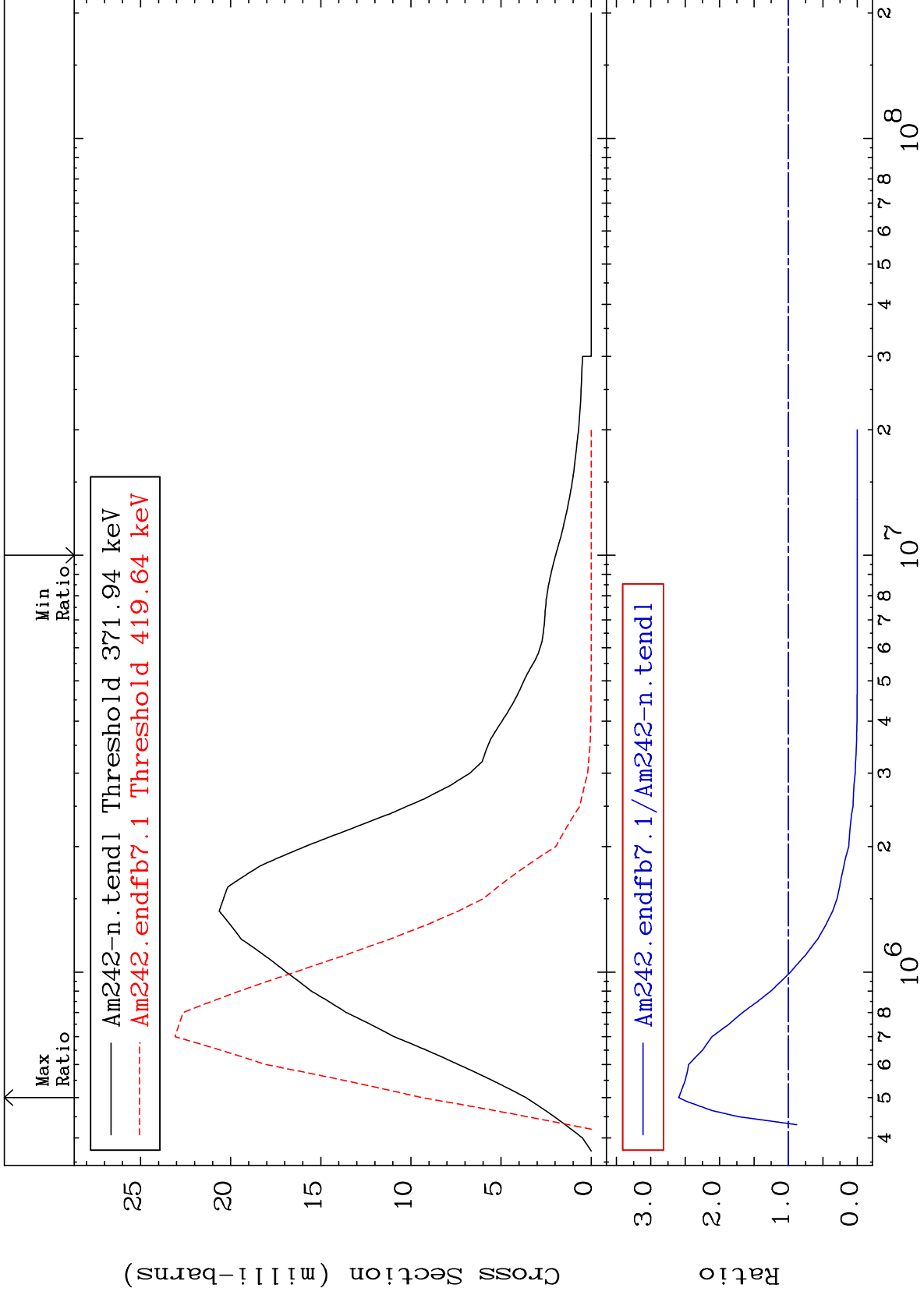
95-Am-242  
-100.0 To -96.33%



MAT 9546

370.4 keV (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 159.6 %

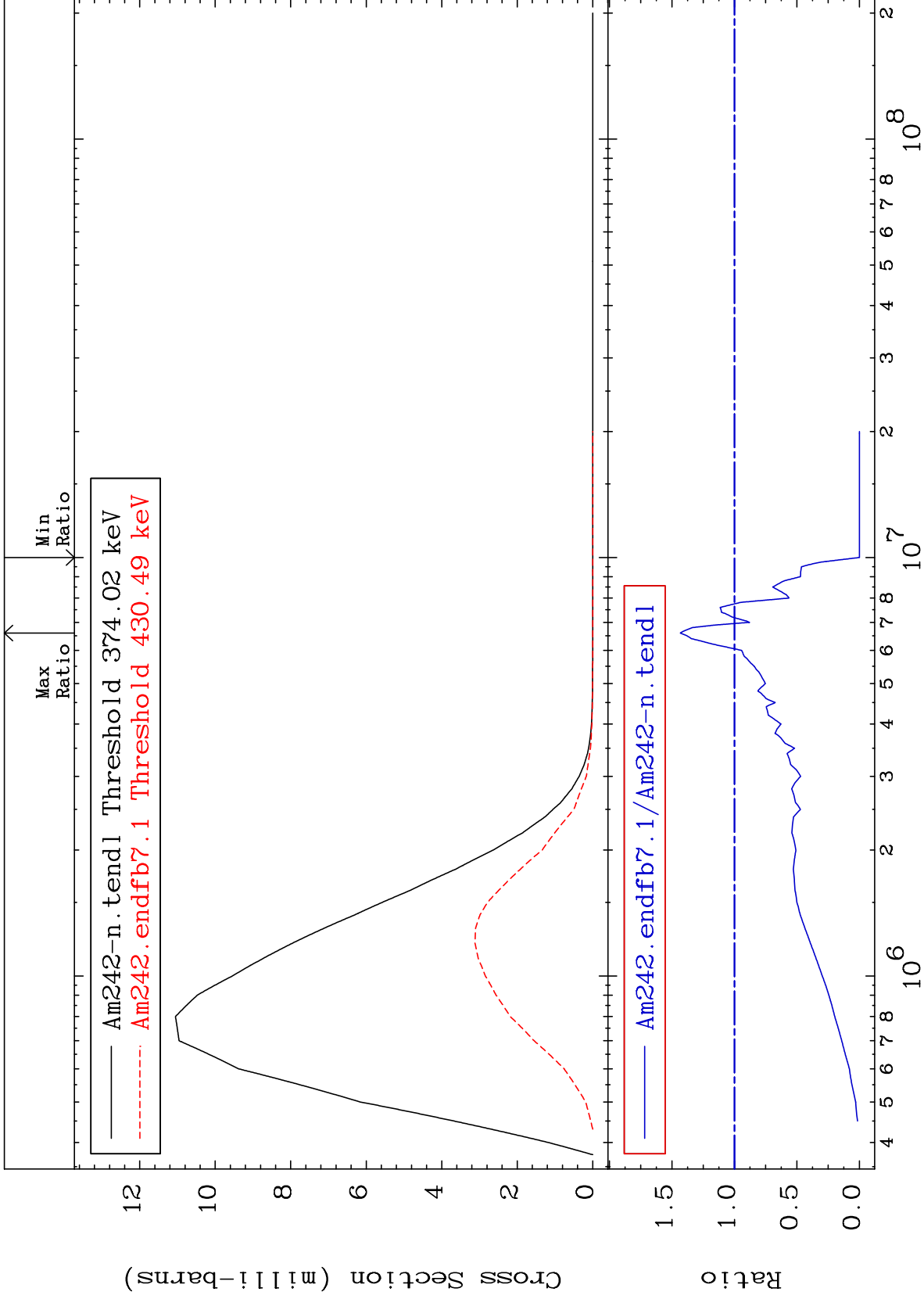




MAT 9546

372.5 keV (n,n') Level  
Cross Section

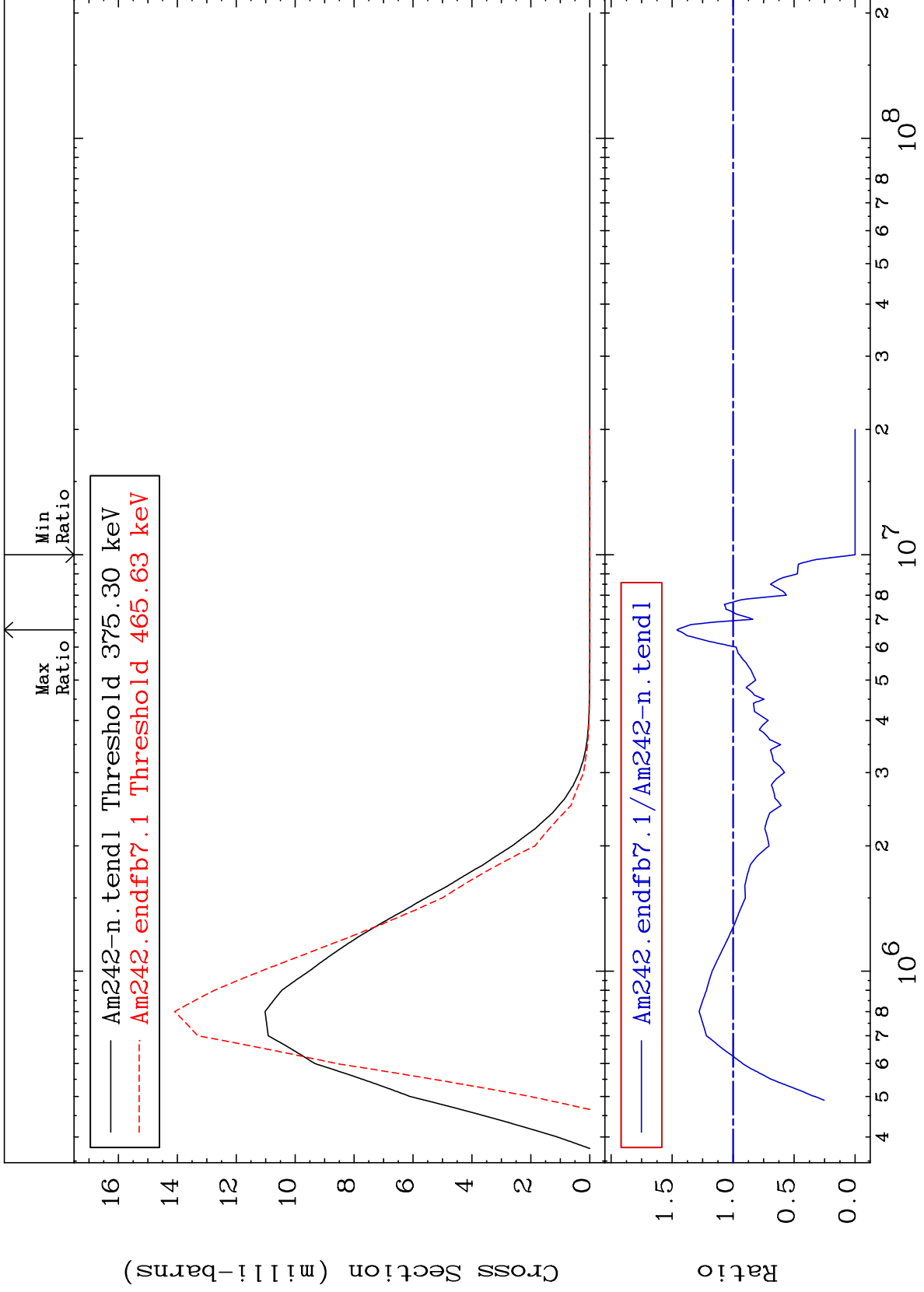
95-Am-242  
-100.0 To 43.26 %



MAT 9546

373.7 keV (n,n') Level  
Cross Section

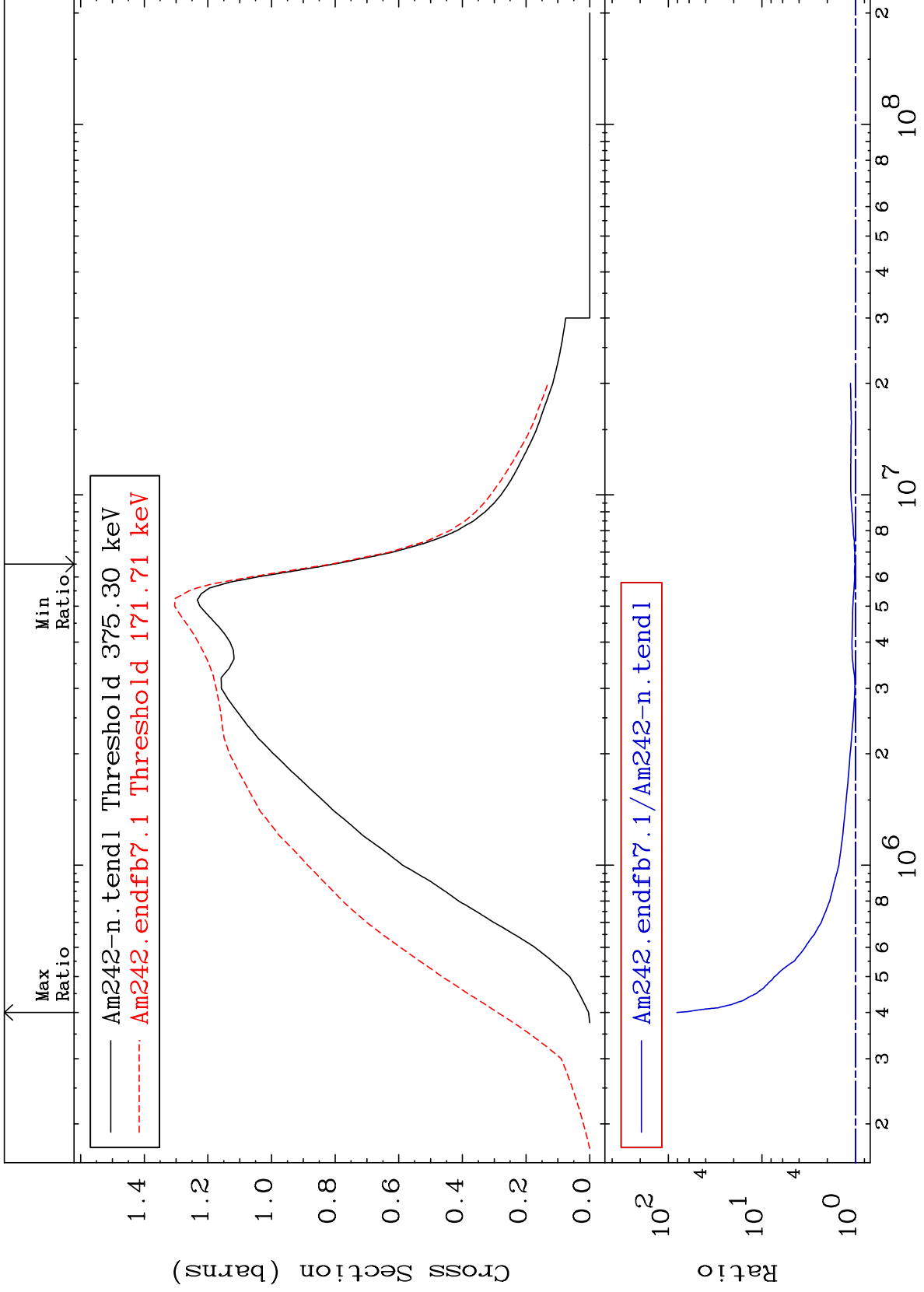
95-Am-242  
-100.0 To 46.06 %



MAT 9546

(n, n') Continuum  
Cross Section

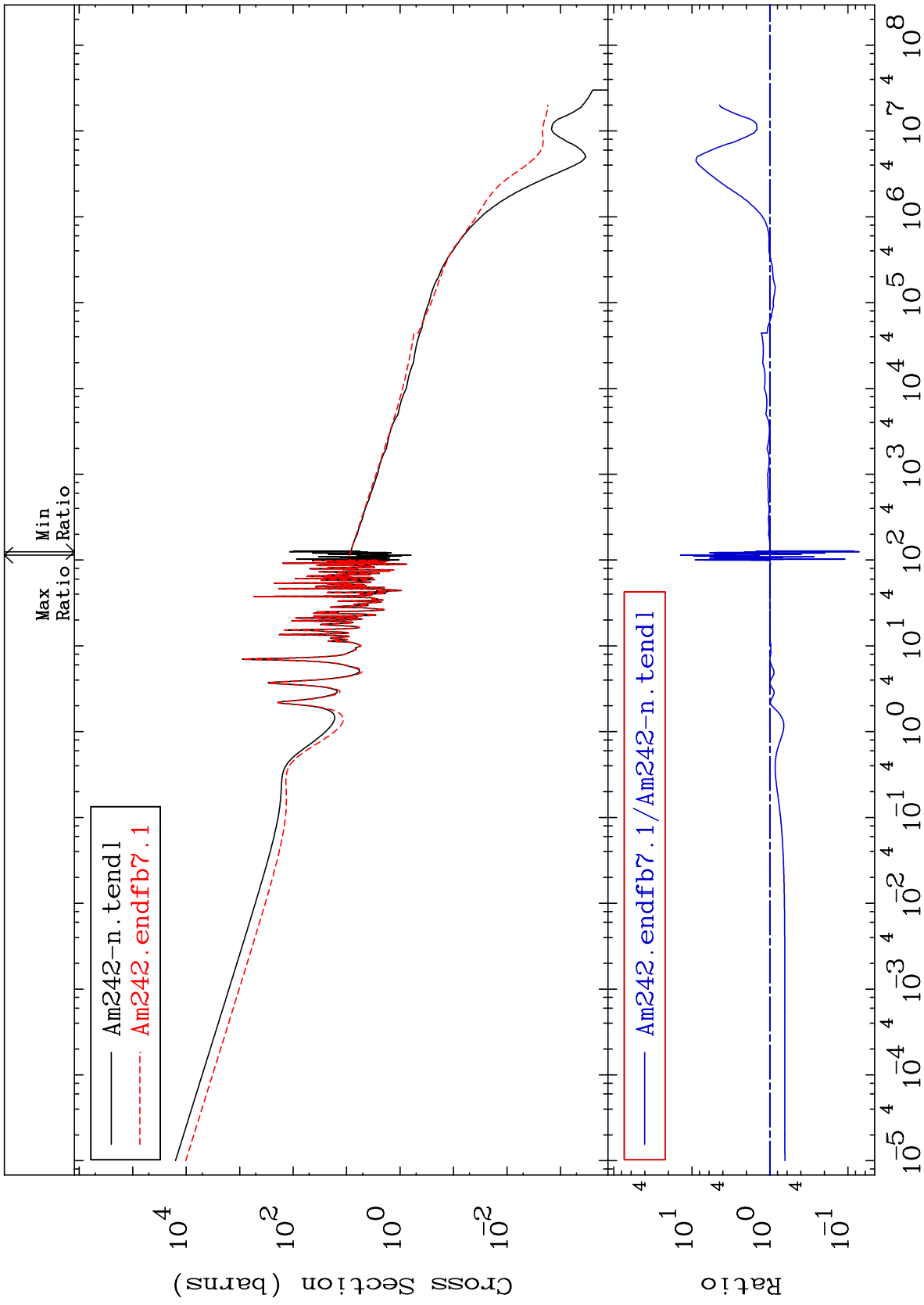
95-Am-242  
To 8009. %



MAT 9546

(n,  $\gamma$ )  
Cross Section

95-Am-242  
-92.89 To 1305. %



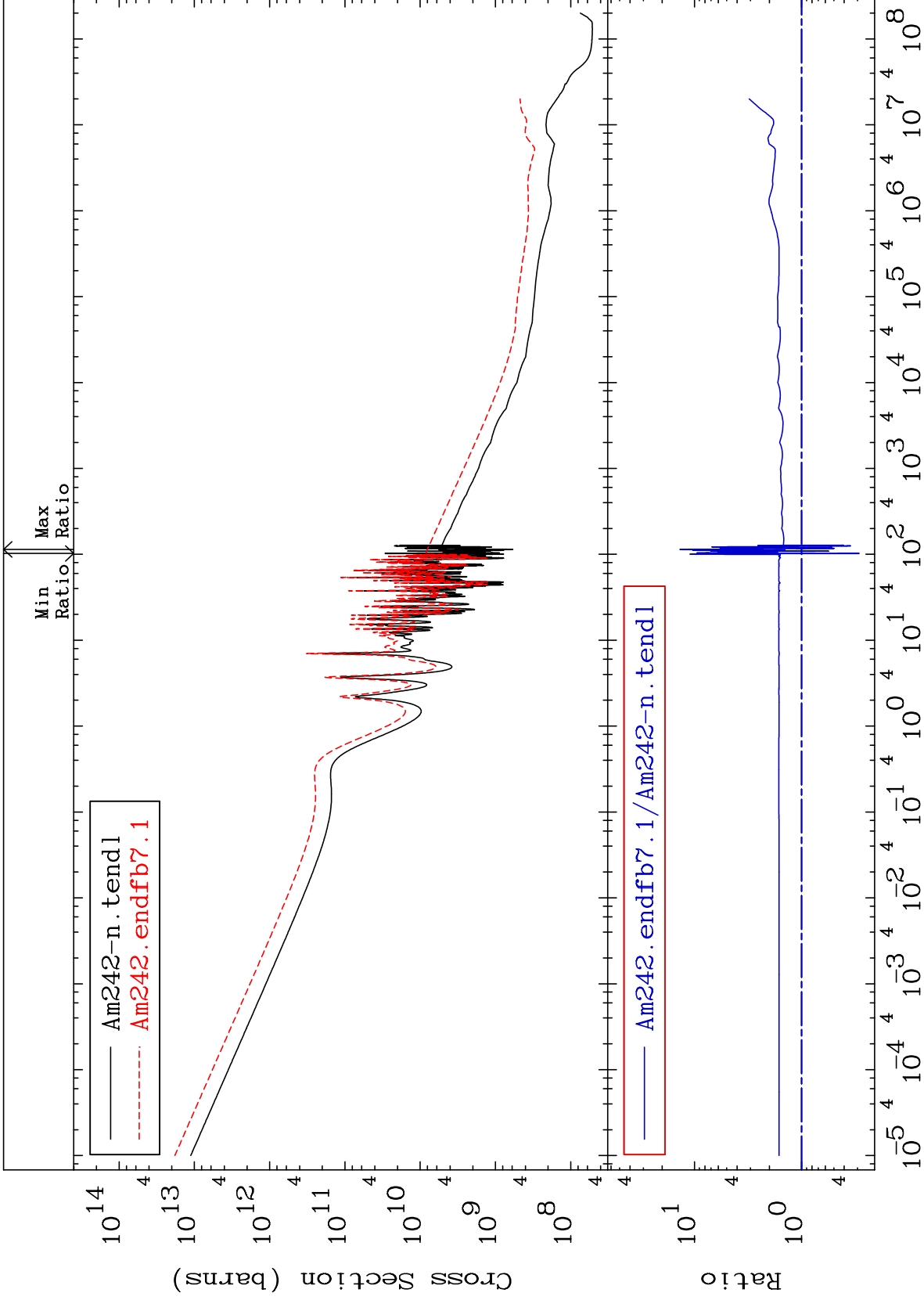
MAT 9546

Kerma total (eV-barns)

95-Am-242

-71.13 To 1260. %

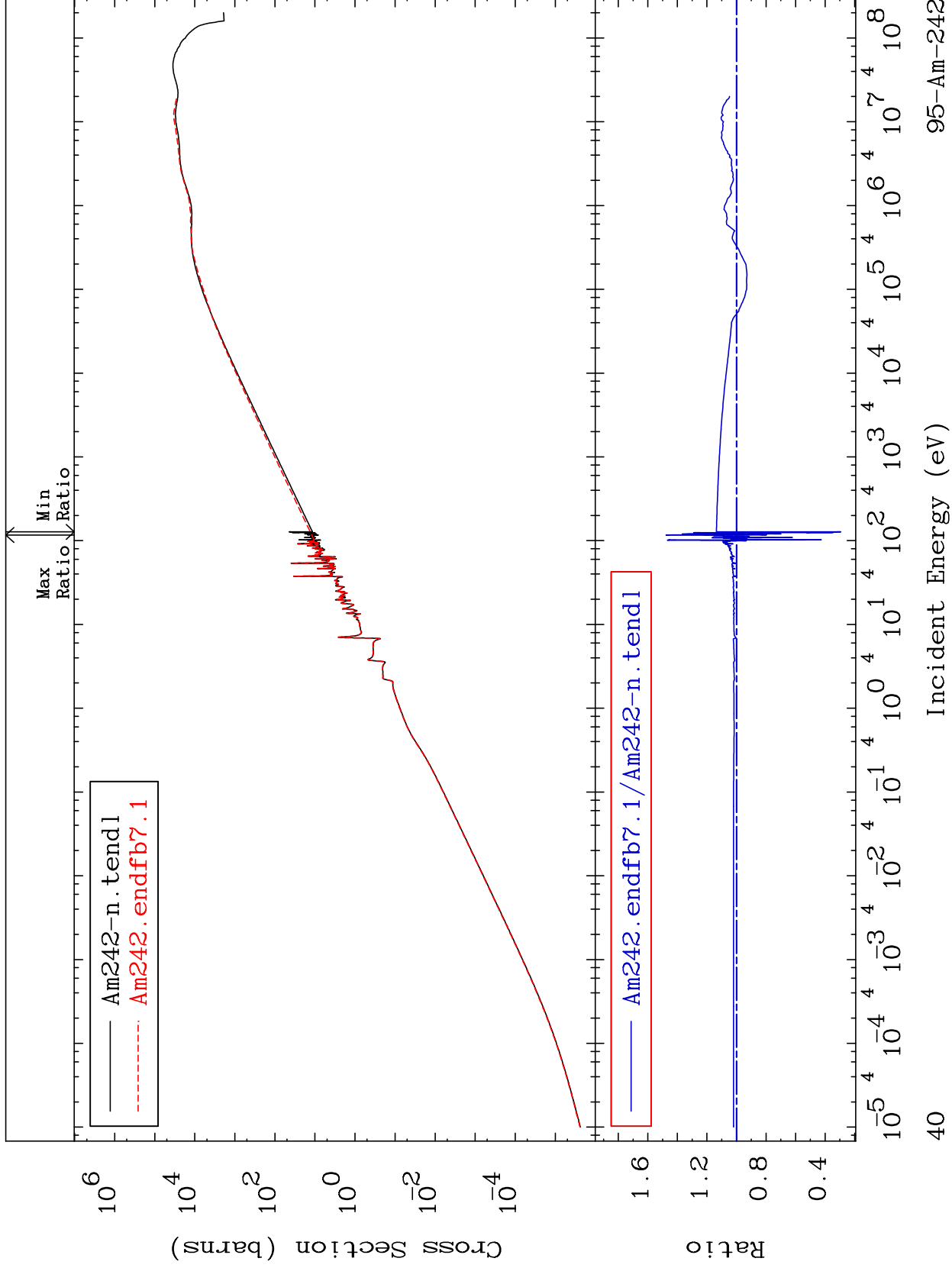
Cross Section



MAT 9546

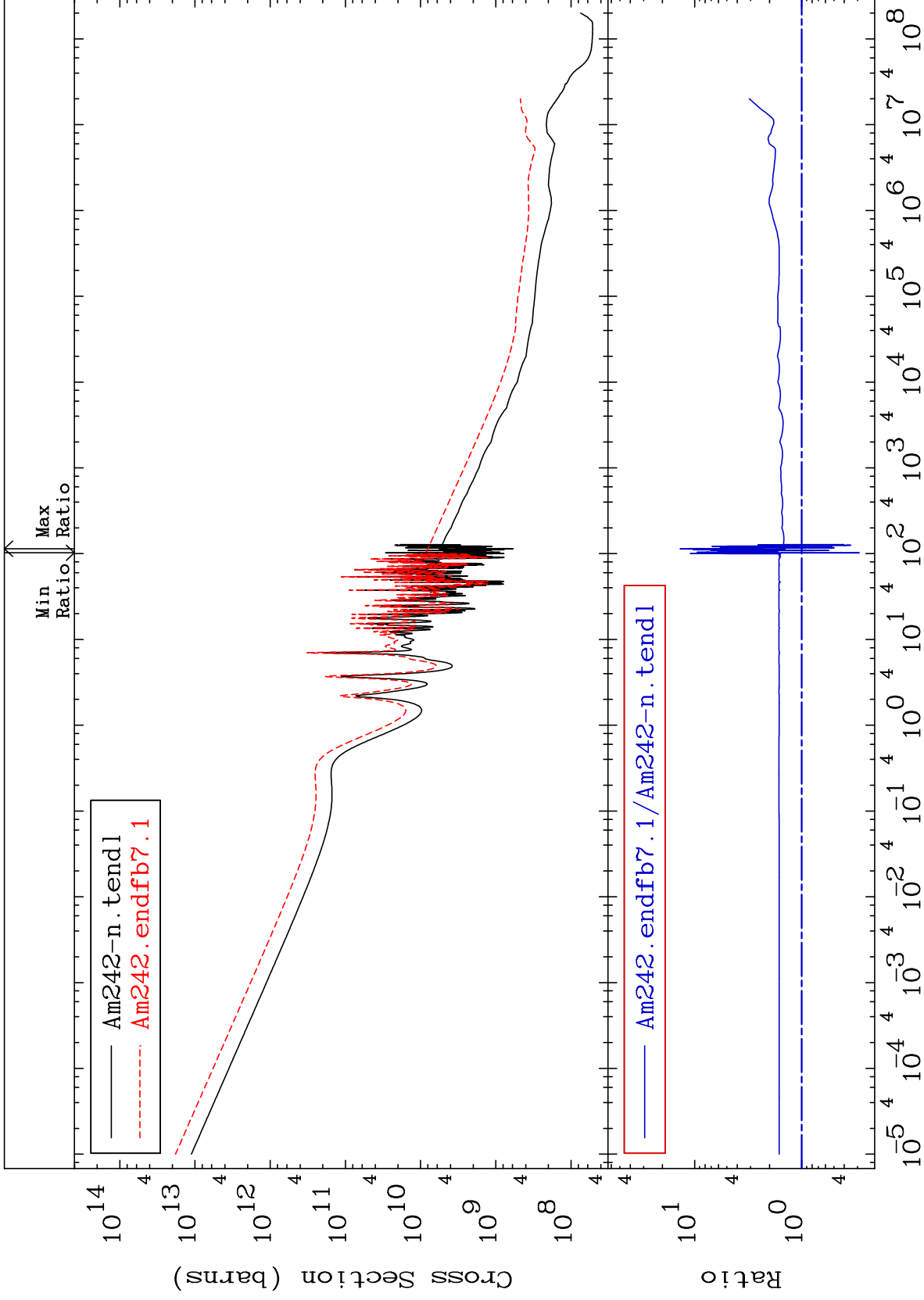
Kerma elastic  
Cross Section

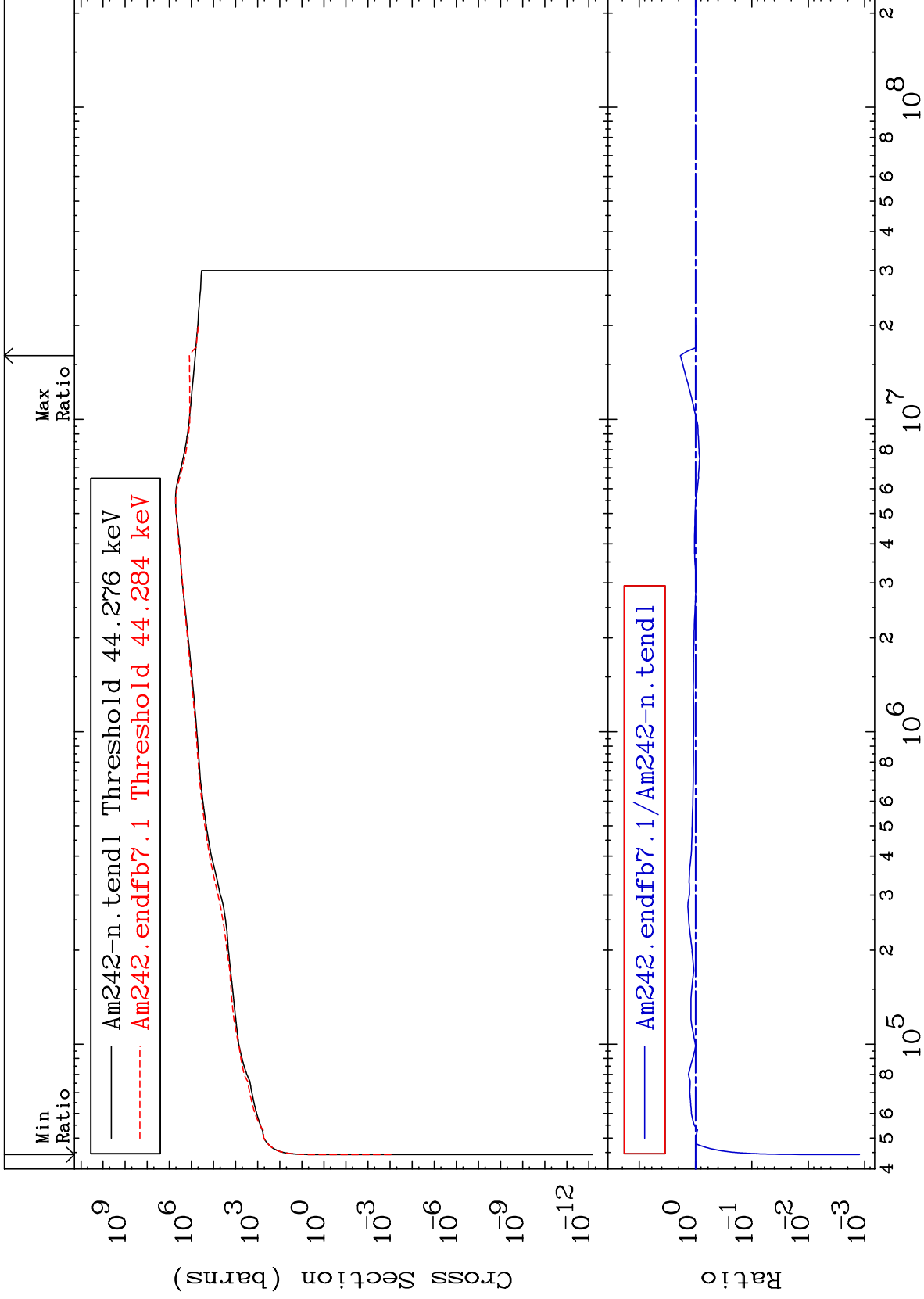
95-Am-242  
-70.65 To 47.75 %



40

95-Am-242



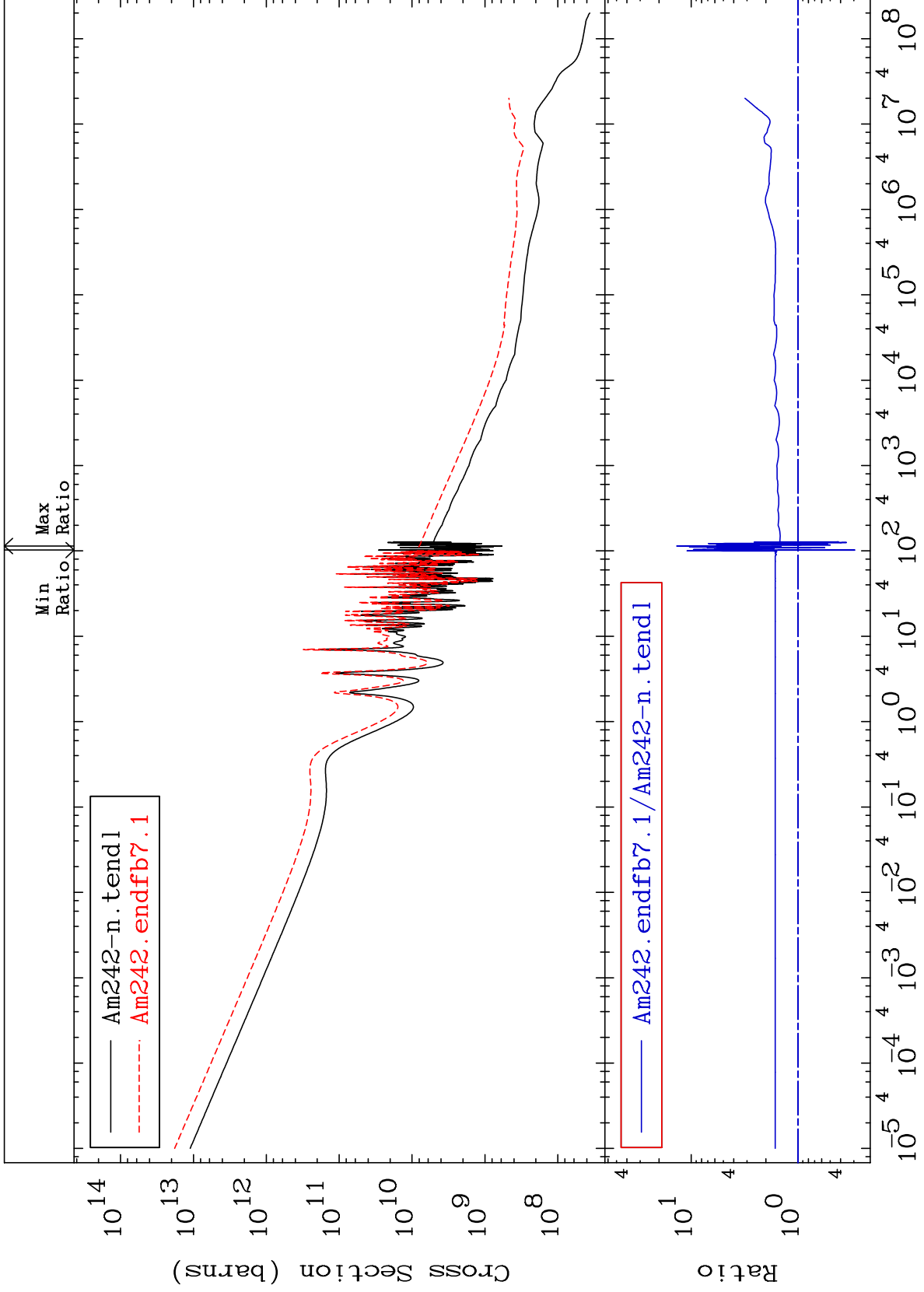


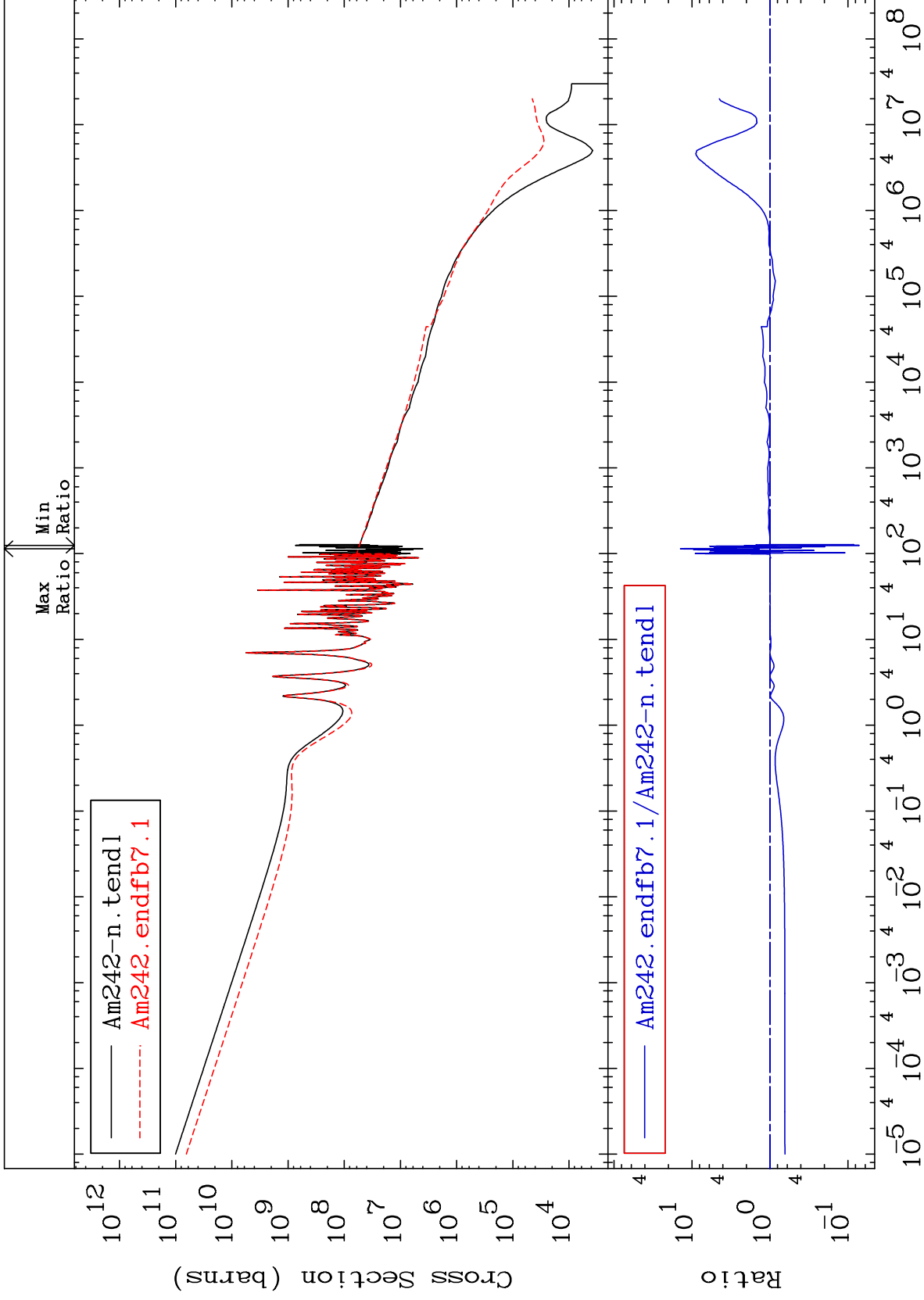


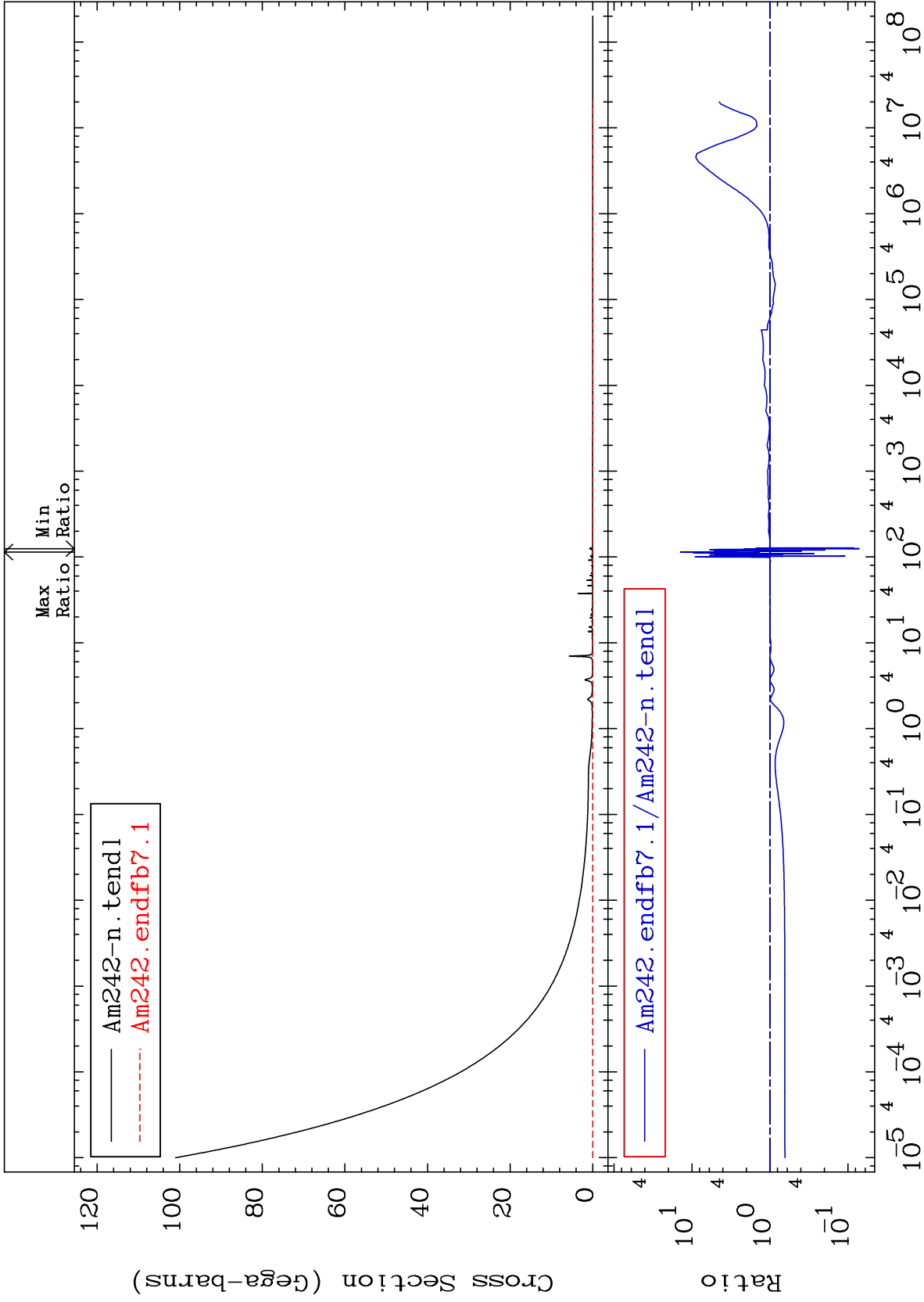
MAT 9546

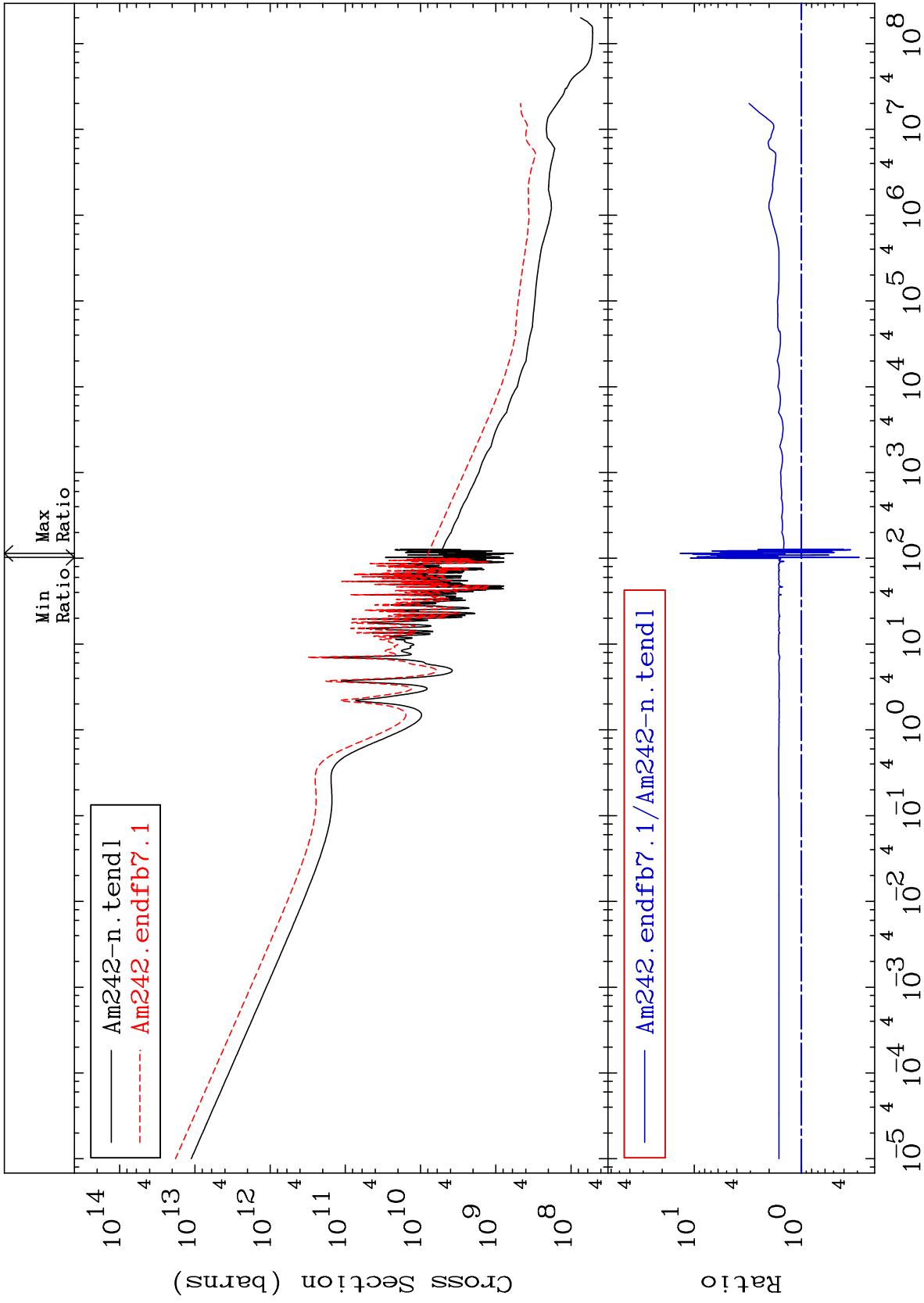
Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

95-Am-242  
-70.78 To 1260. %





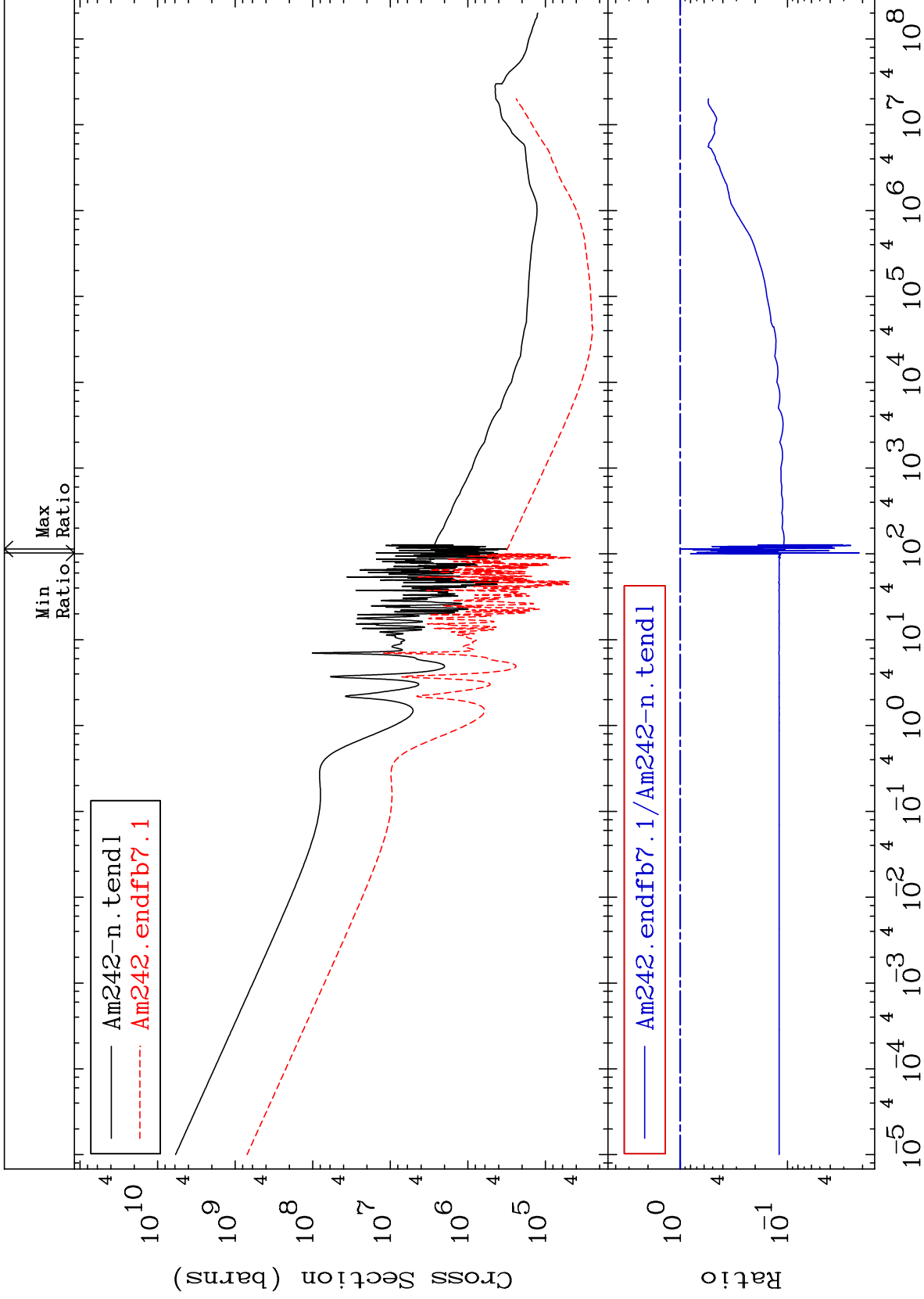




MAT 9546

Dpa total (eV-barns)  
Cross Section

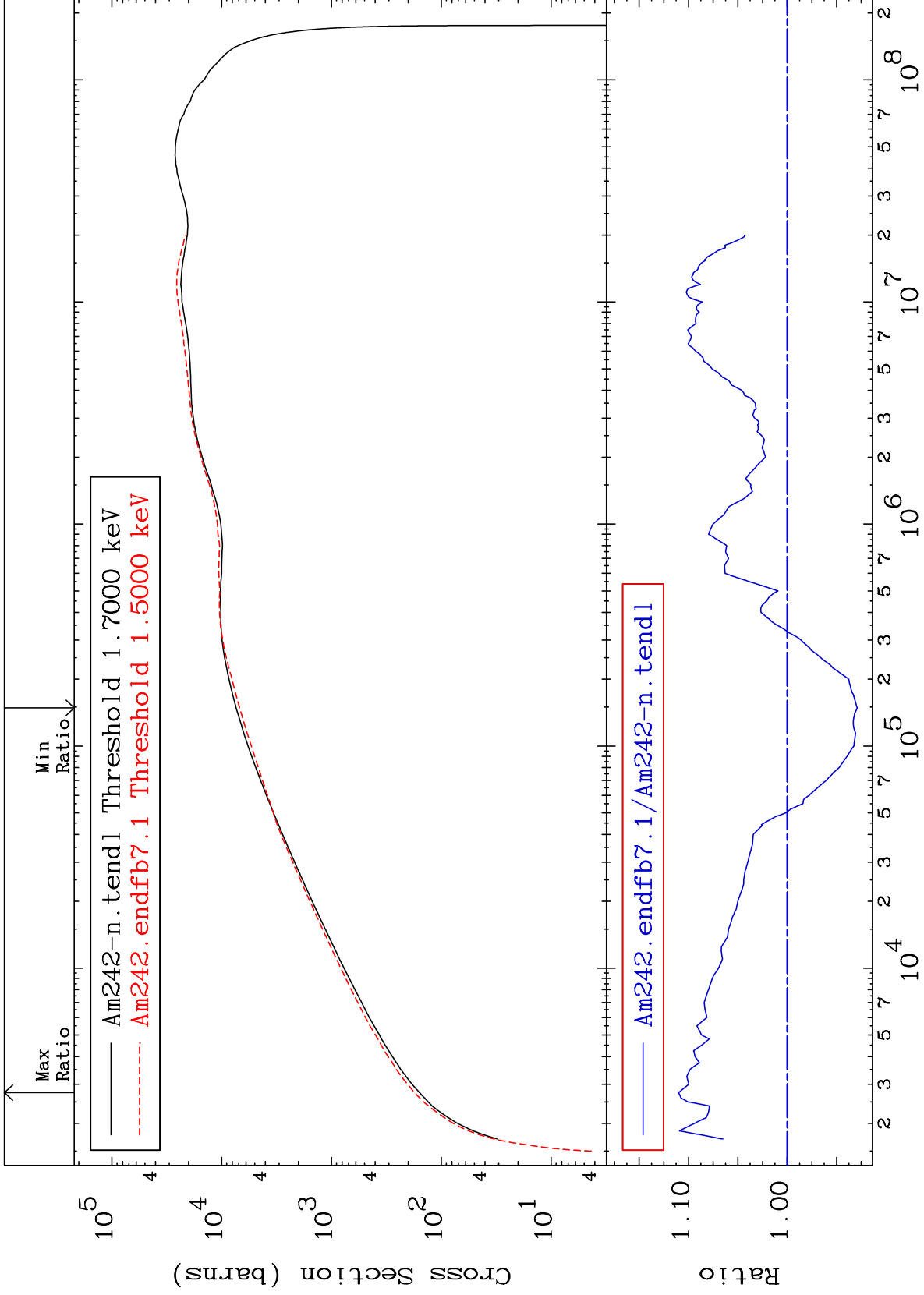
95-Am-242  
-97.86 To -0.315%



MAT 9546

Dpa elastic (mt2)  
Cross Section

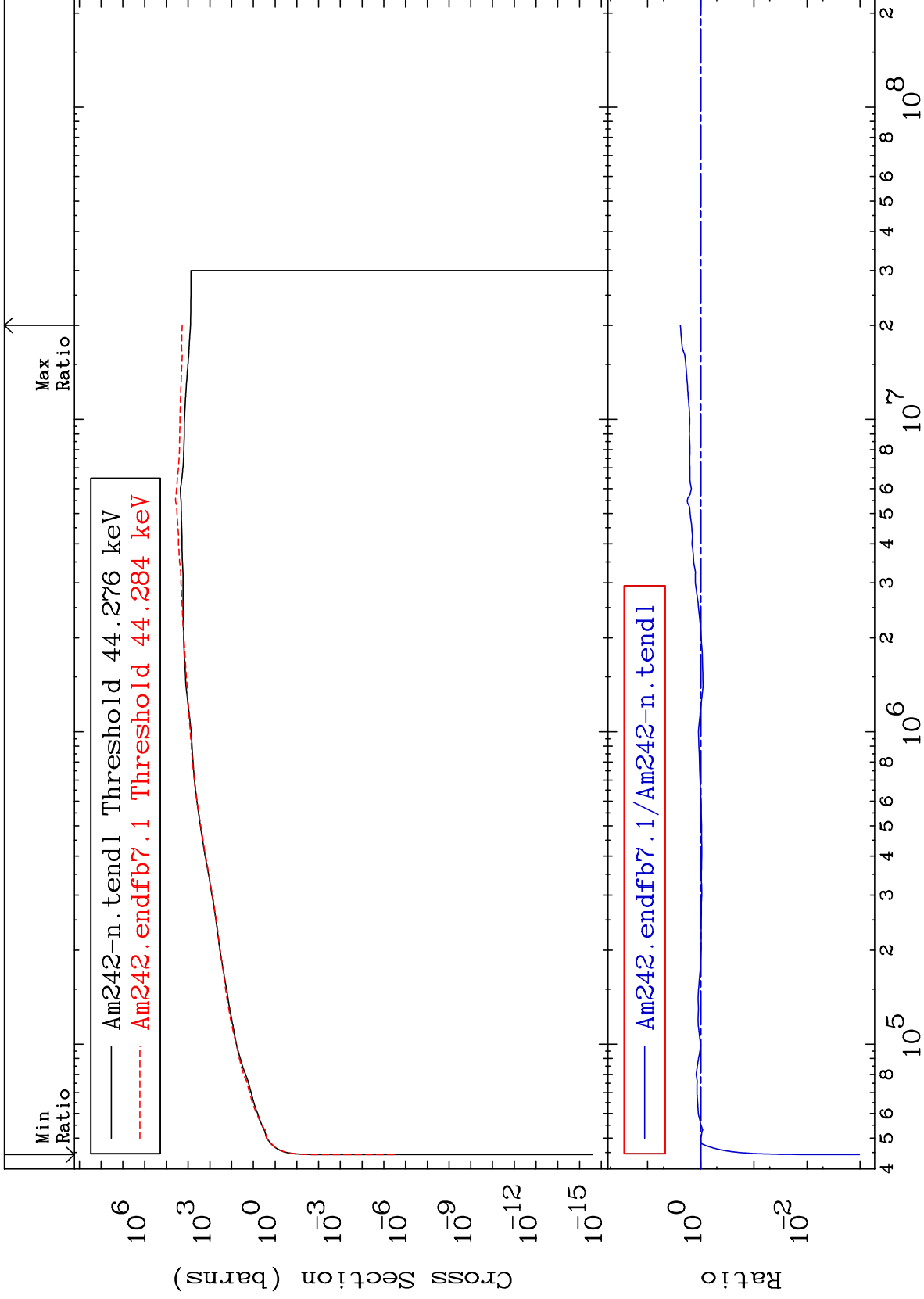
95-Am-242  
-7.095 To 11.00 %



MAT 9546

Dpa inelastic (mt51-91)  
Cross Section

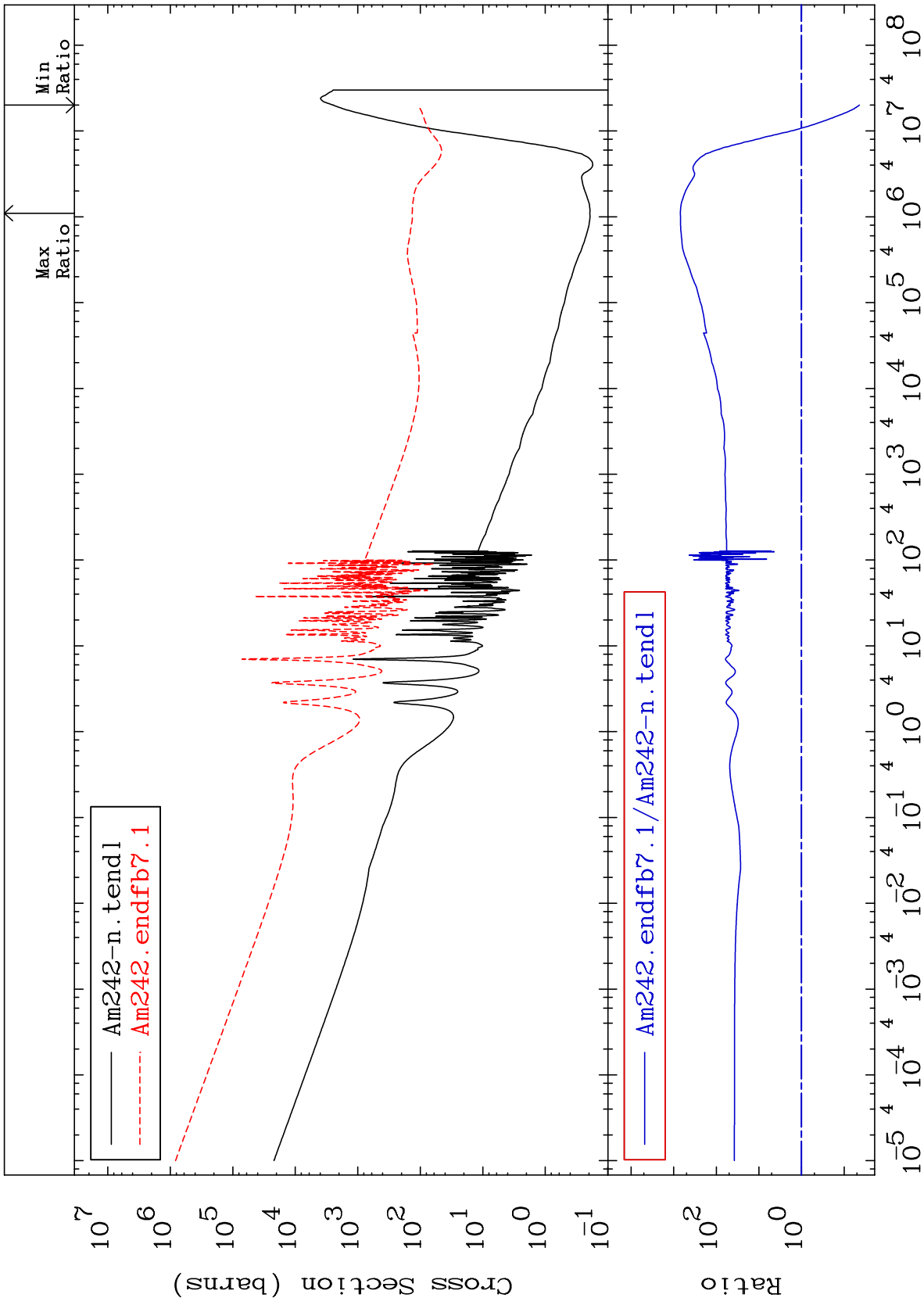
95-Am-242  
-99.90 To 141.6 %



MAT 9546

Dpa disappearance (mt102 -120)  
Cross Section

95-Am-242  
-95.63 To 9999. %



50

Incident Energy (eV)

95-Am-242