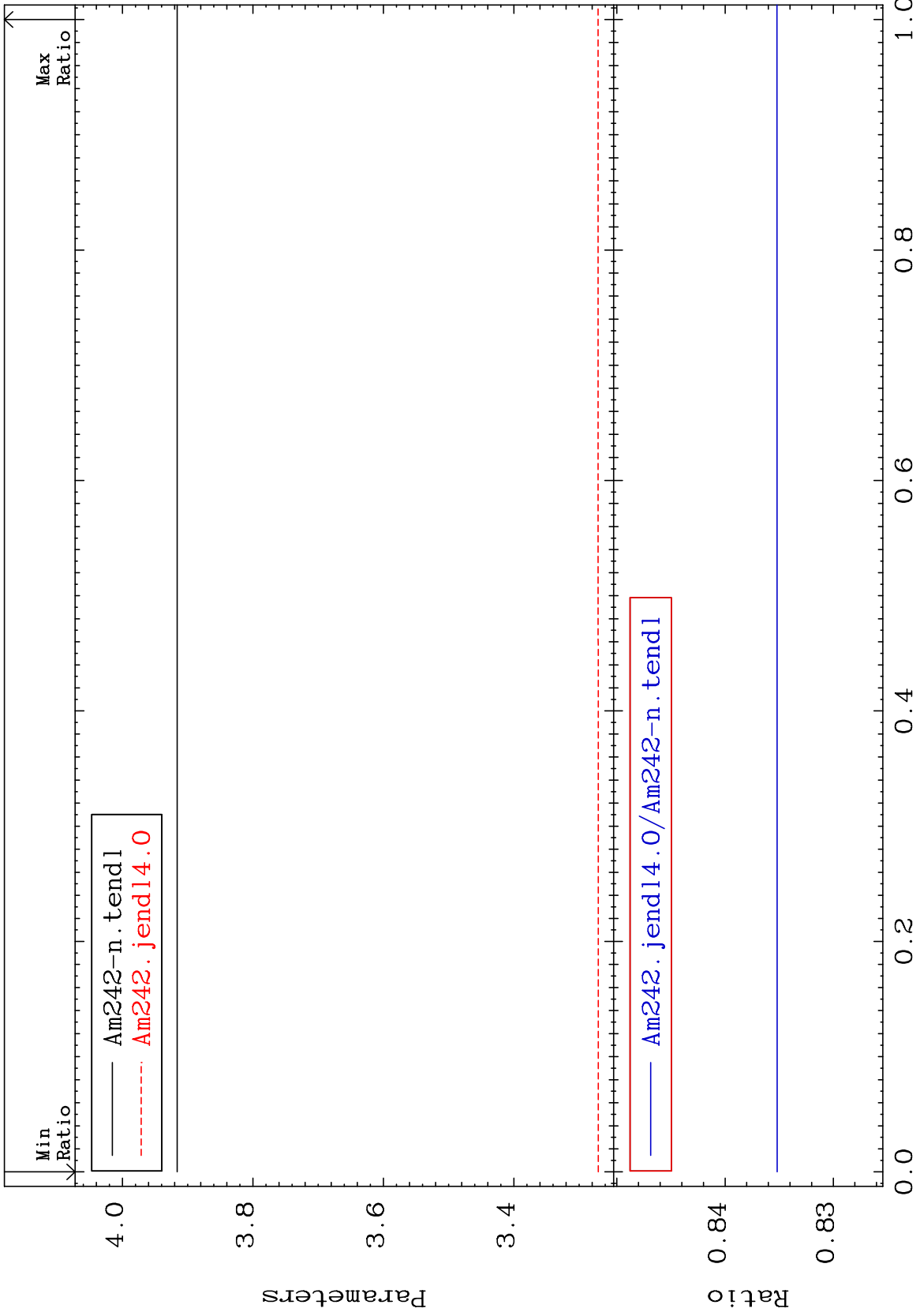


MAT 9546

Total  $\bar{\nu}$   
Parameters

95-Am-242  
-16.48 To -16.48%



1

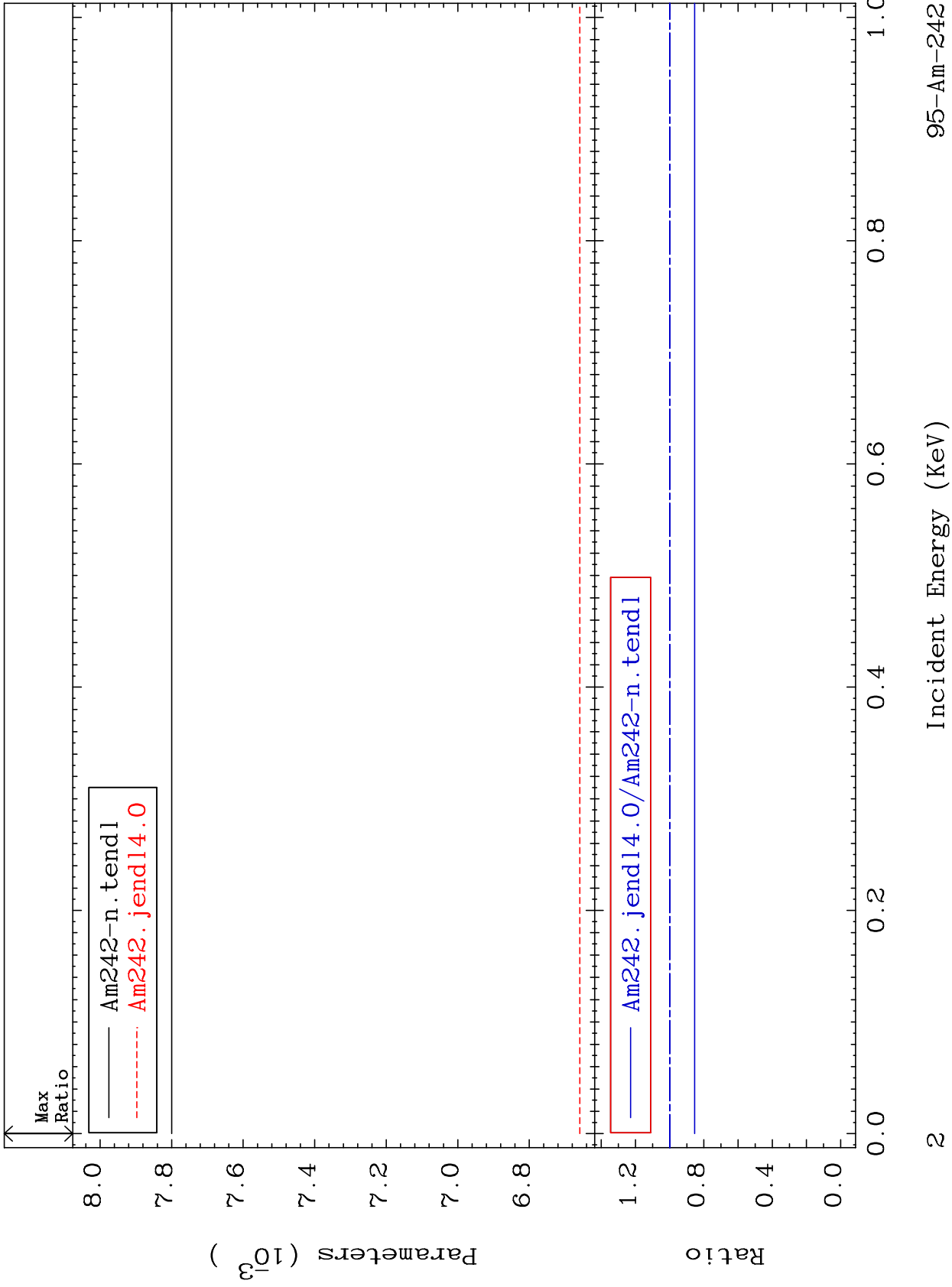
Incident Energy (KeV)

95-Am-242

MAT 9546

Delayed  $\bar{\nu}$   
Parameters

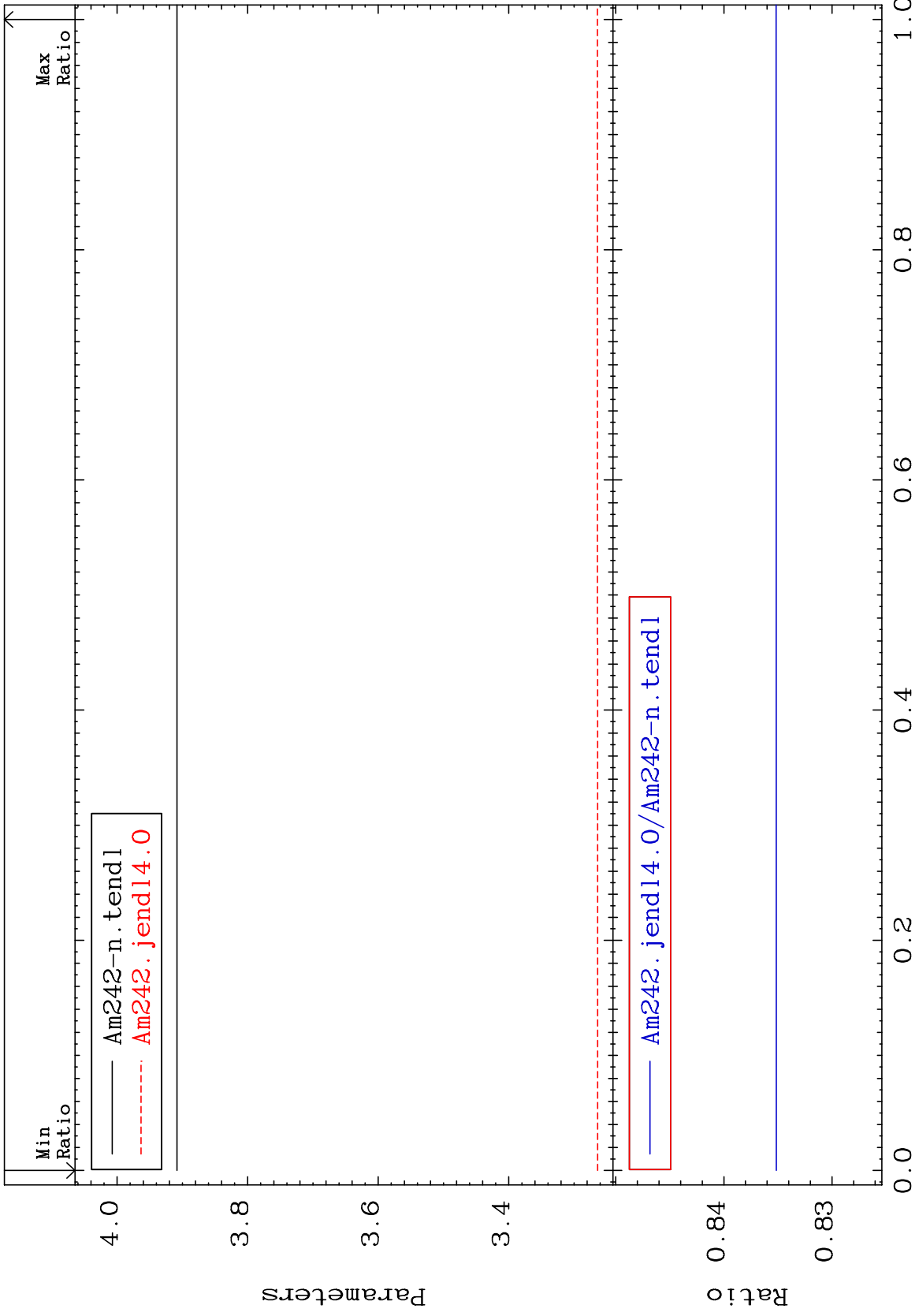
95-Am-242  
-14.63 To -14.63%



MAT 9546

Prompt  $\bar{\nu}$   
Parameters

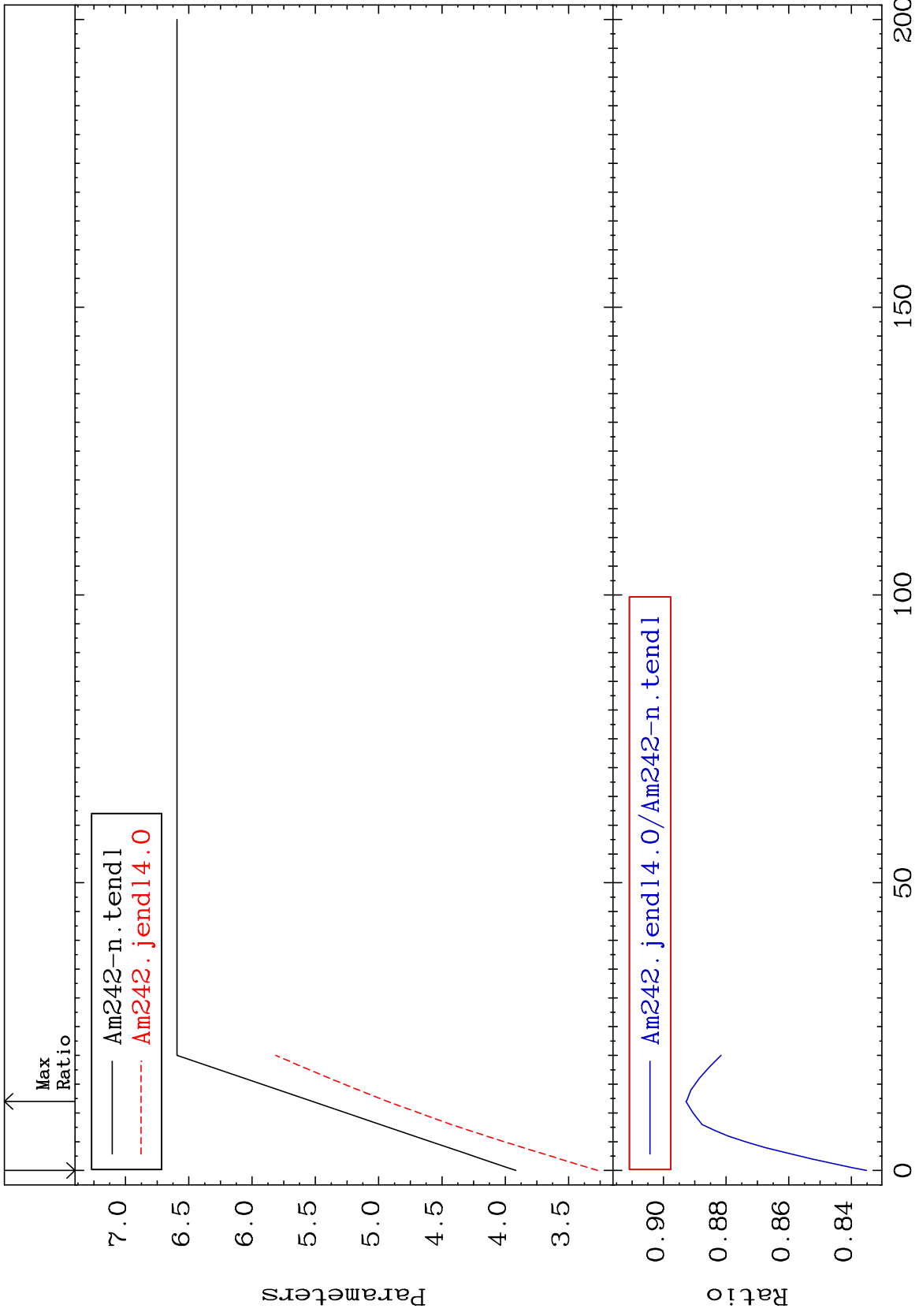
95-Am-242  
-16.48 To -16.48%



MAT 9546

Total  $\bar{\nu}$   
Parameters

95-Am-242  
-16.48 To -10.72%



1

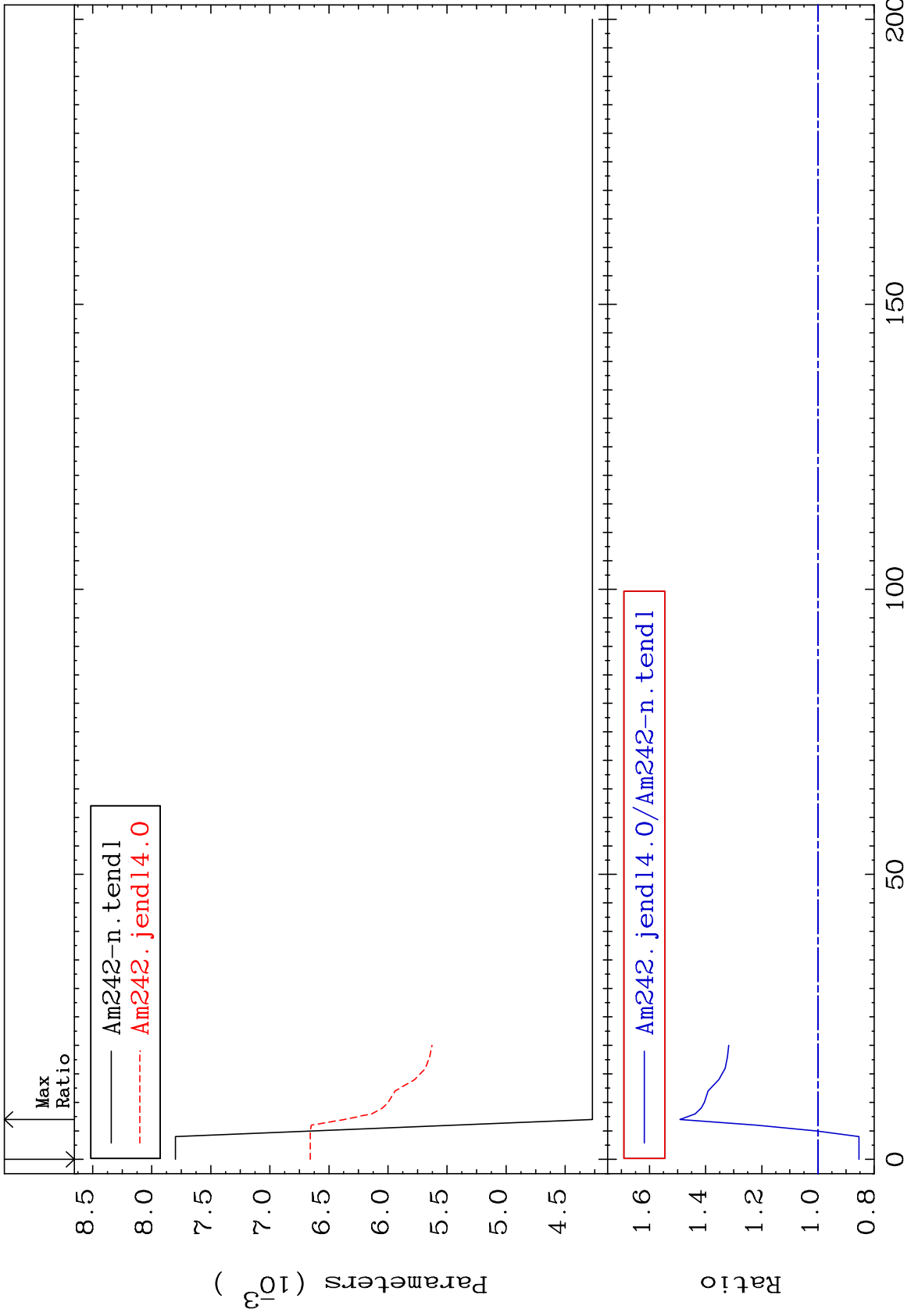
Incident Energy (MeV)

95-Am-242

MAT 9546

Delayed  $\bar{\nu}$   
Parameters

95-Am-242  
-14.63 To 49.15 %



2

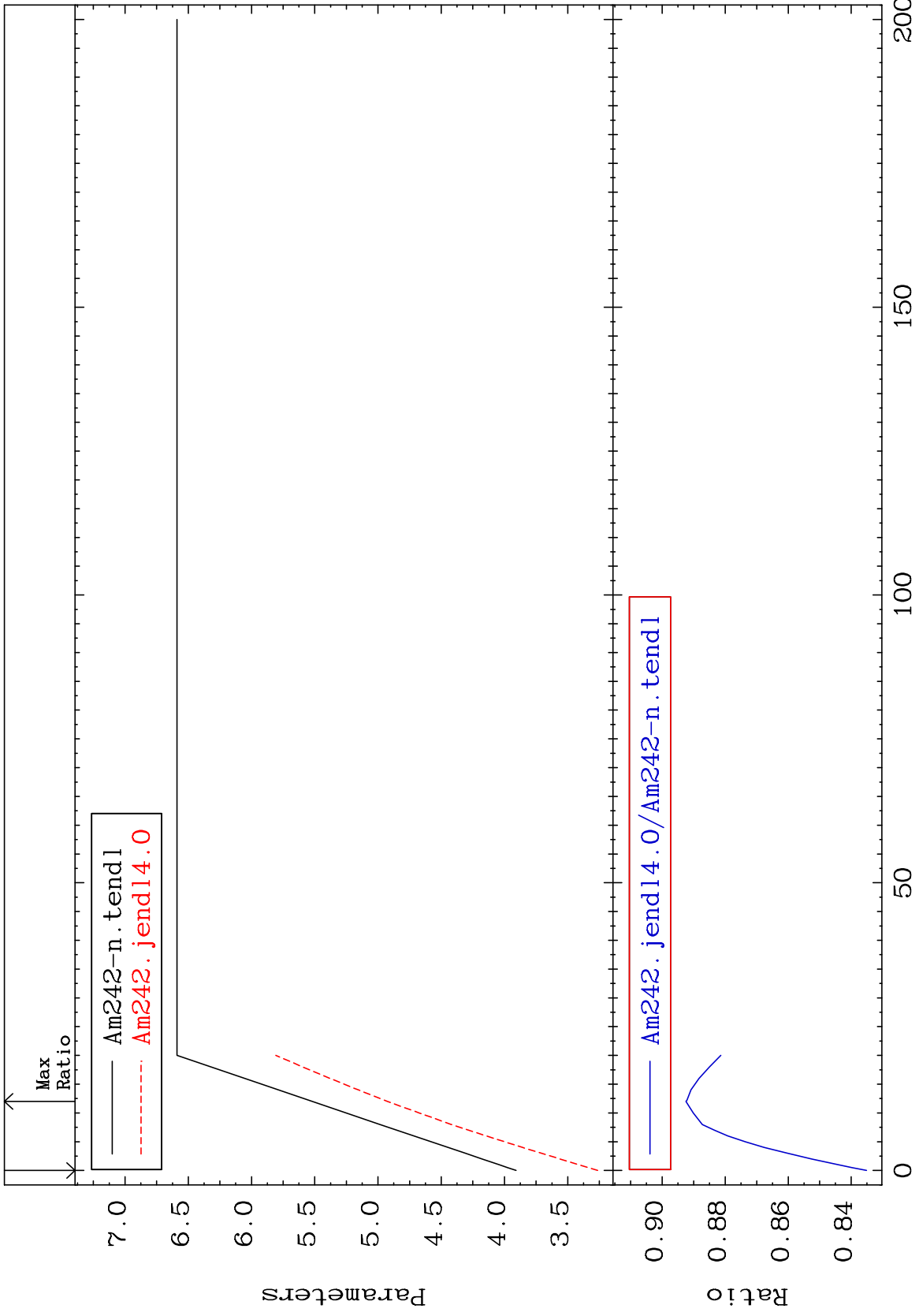
Incident Energy (MeV)

95-Am-242

MAT 9546

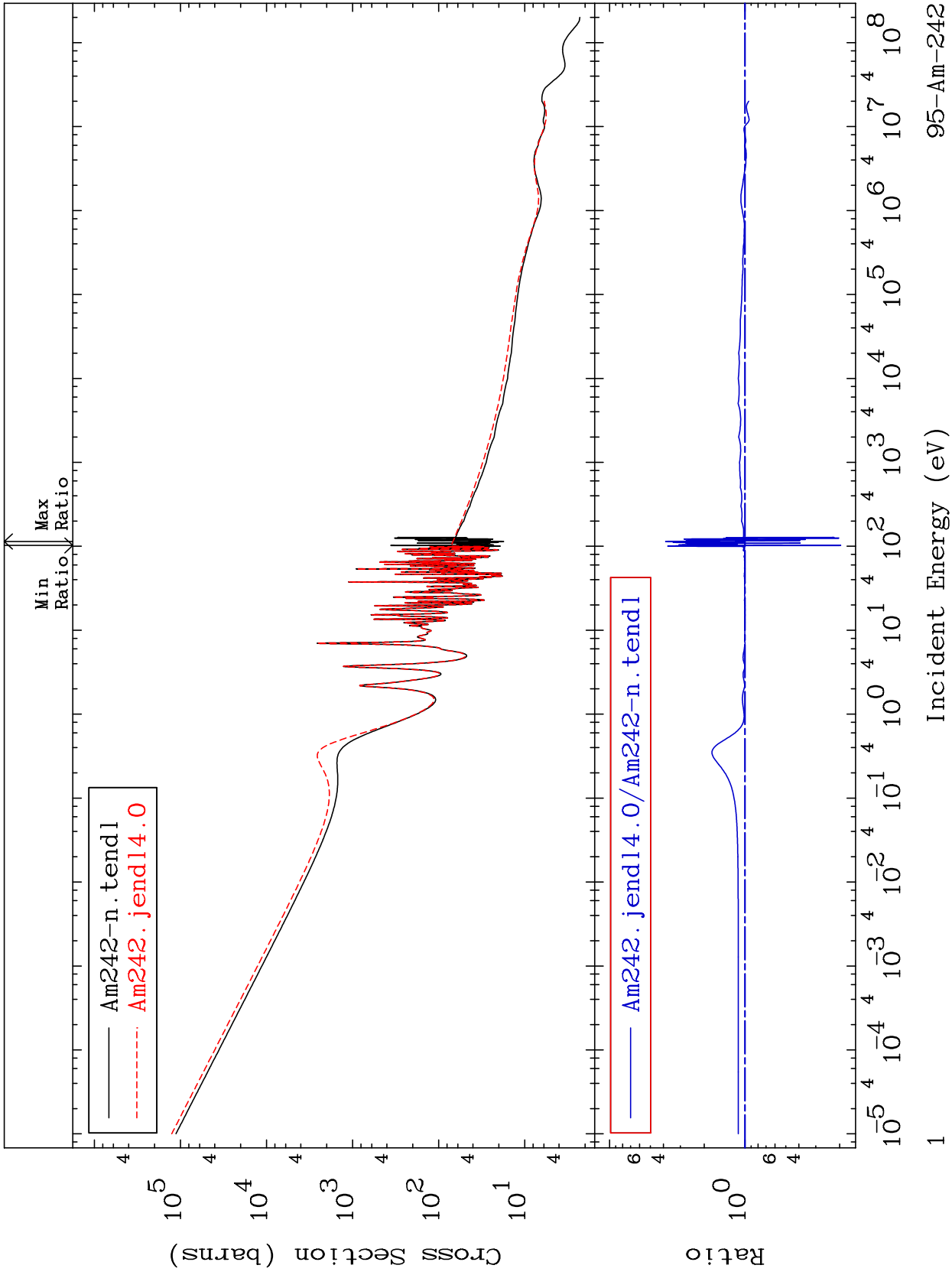
Prompt  $\bar{\nu}$   
Parameters

95-Am-242  
-16.48 To -10.76%



MAT 9546

Total Cross Section  
95-Am-242  
-80.35 To 286.3 %

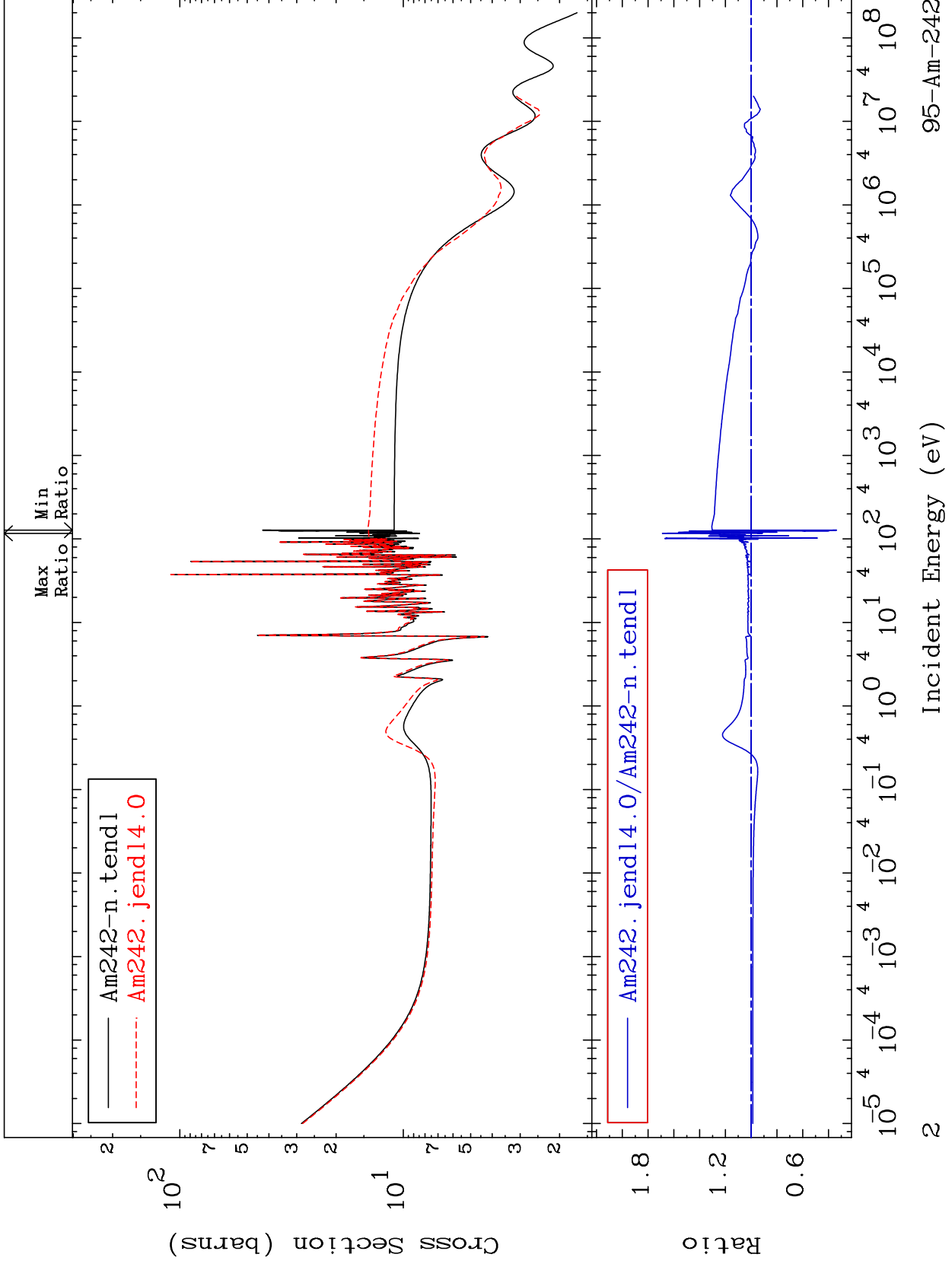


95-Am-242

MAT 9546

Elastic  
Cross Section

95-Am-242  
-66.35 To 68.96 %



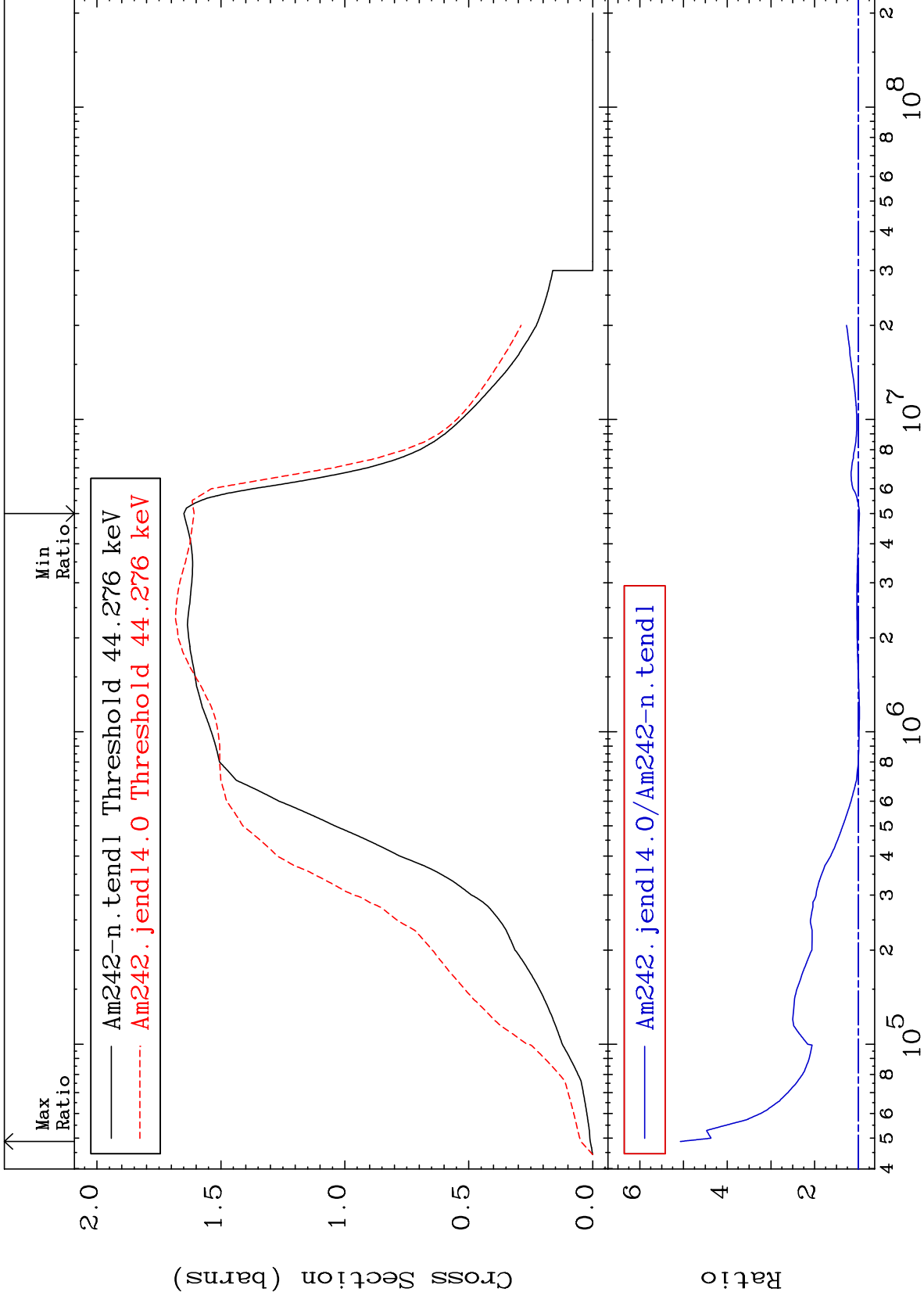
95-Am-242



MAT 9546

Inelastic  
Cross Section

95-Am-242  
-2.477 To 407.3 %



3

Incident Energy (eV)

95-Am-242

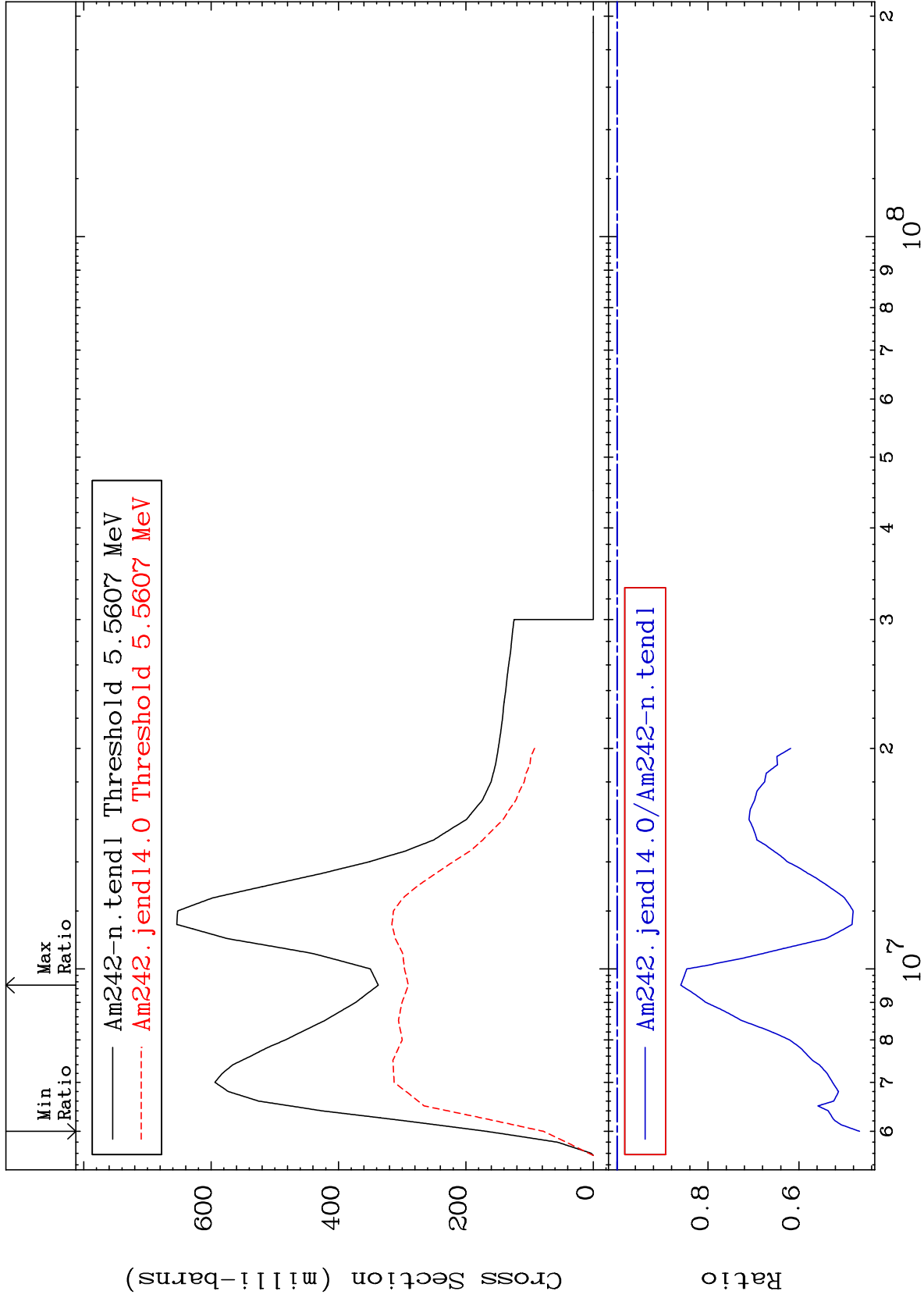
MAT 9546

(n,2n)

95-Am-242

Cross Section

-53.33 To -14.00%



4

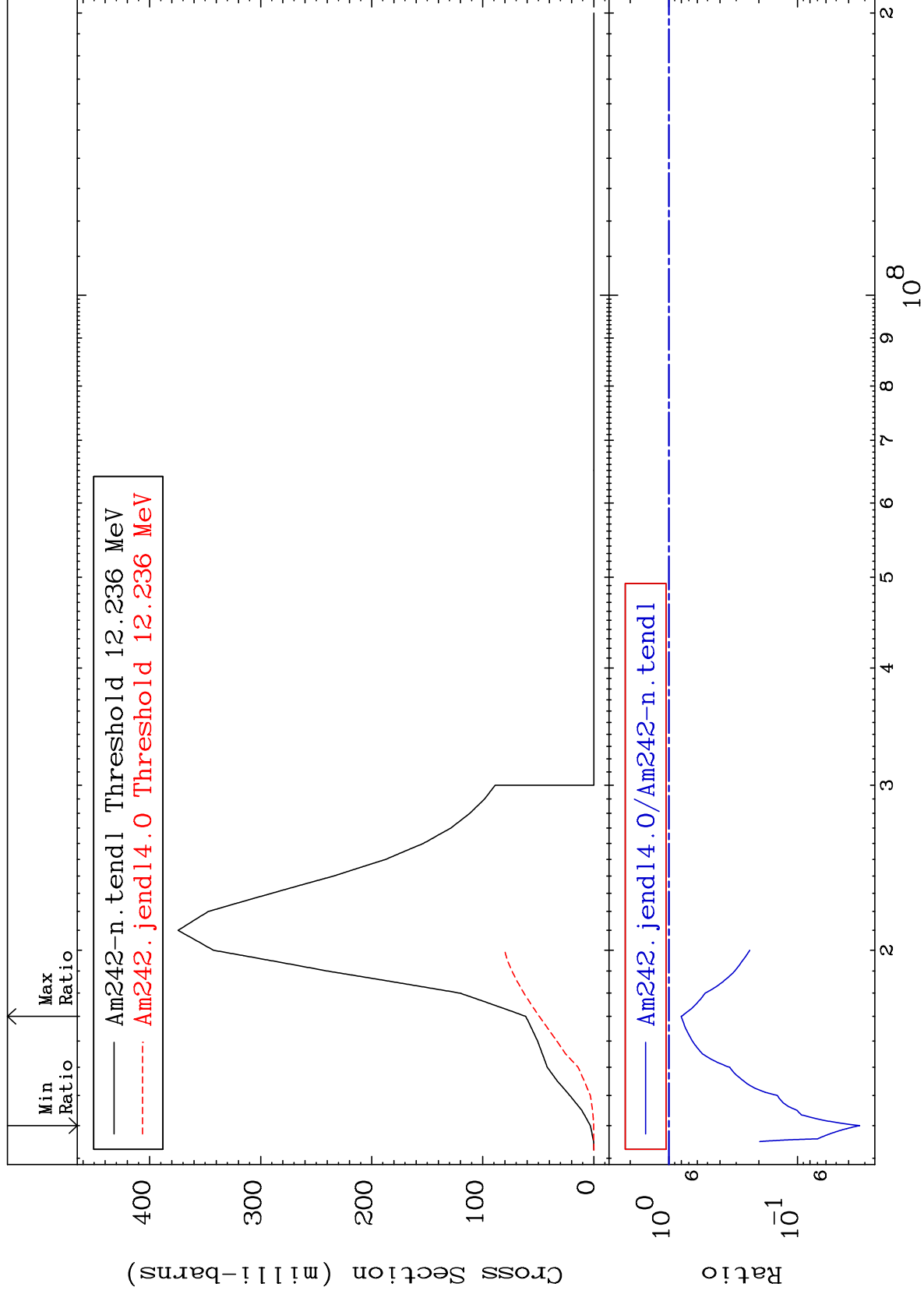
Incident Energy (eV)

95-Am-242

MAT 9546

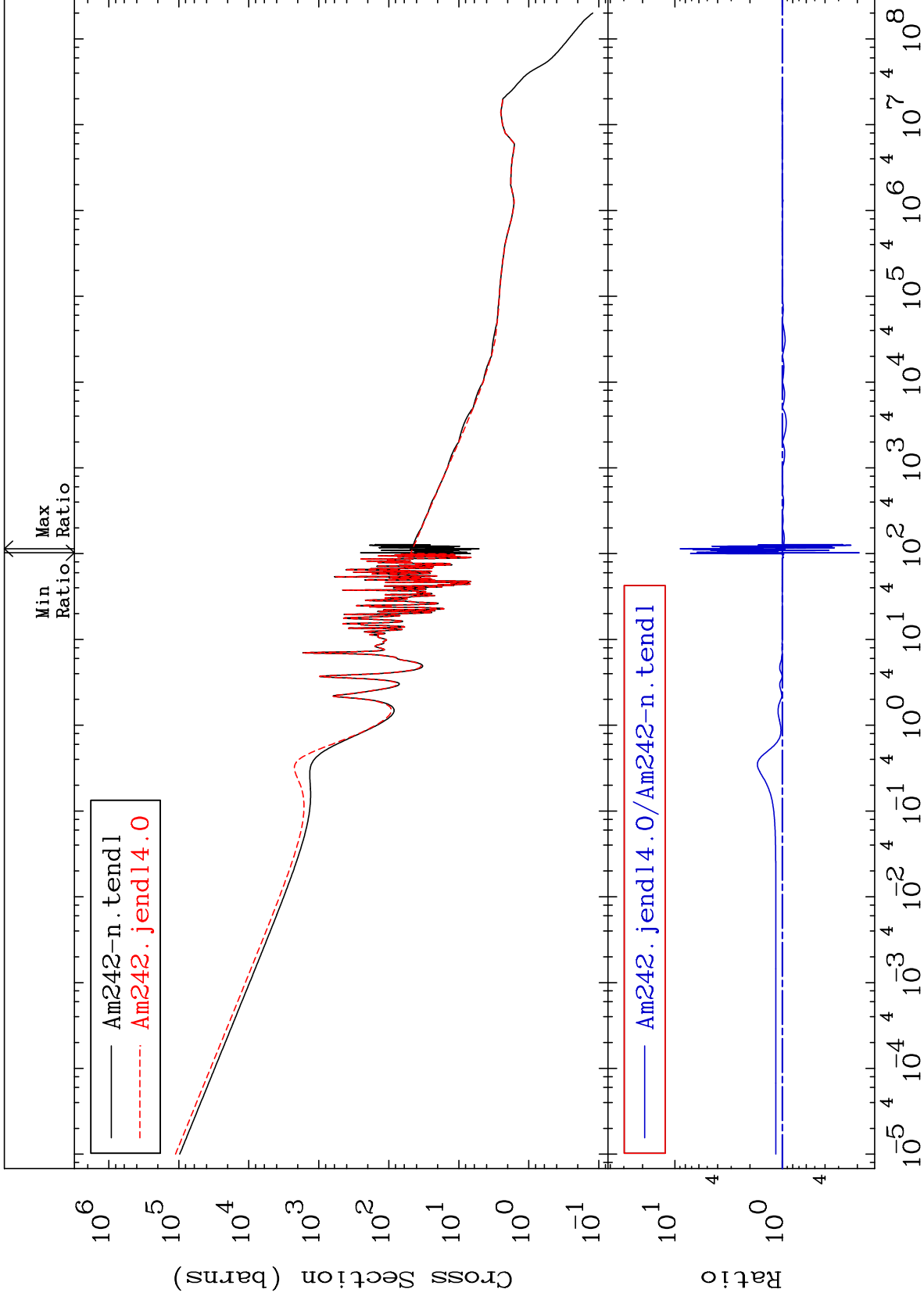
(n,3n)  
Cross Section

95-Am-242  
-96.71 To -19.77%



MAT 9546

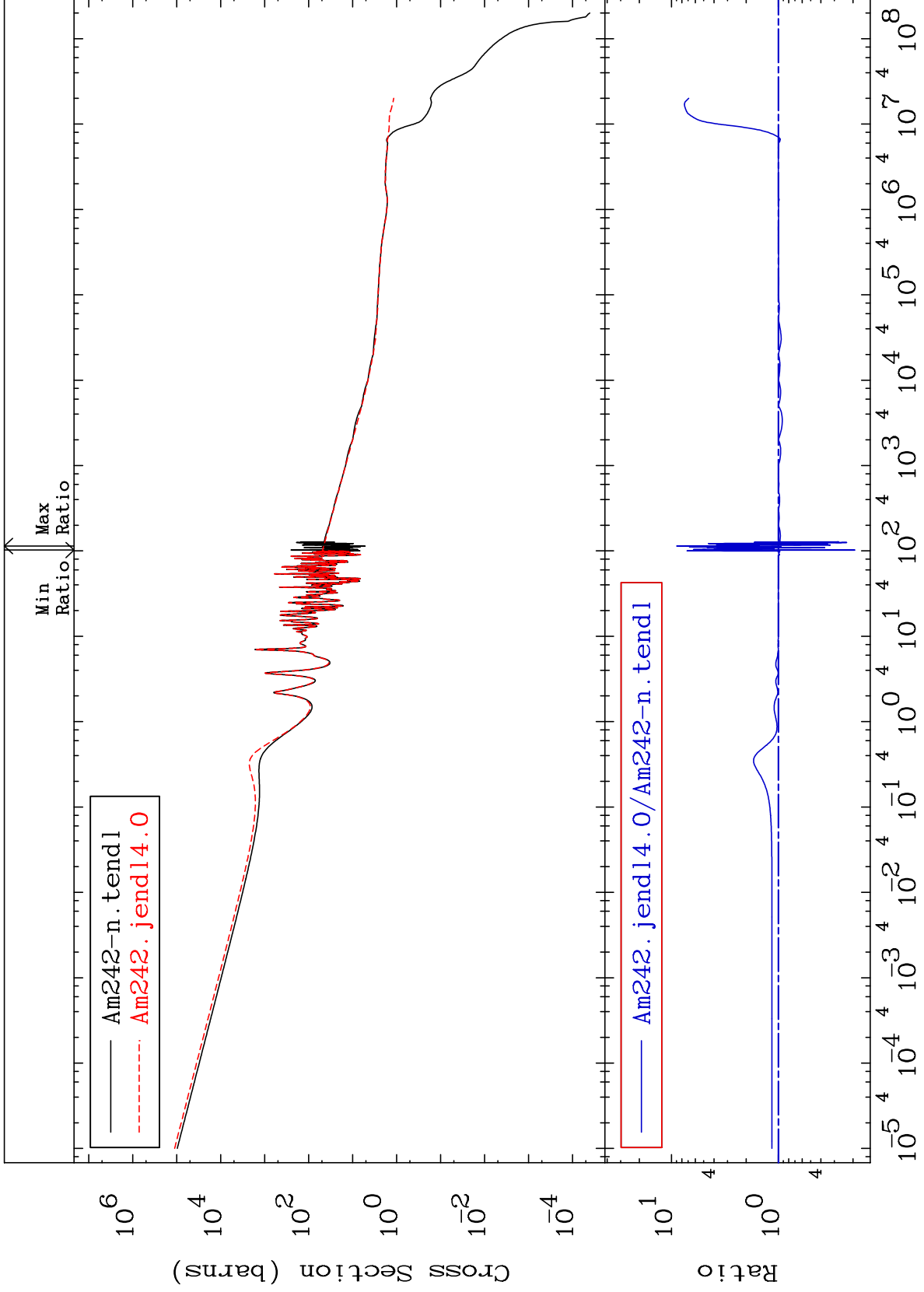
Fission Cross Section 95-Am-242  
-80.83 To 791.0 %



MAT 9546

(n,f) First Chance  
Cross Section

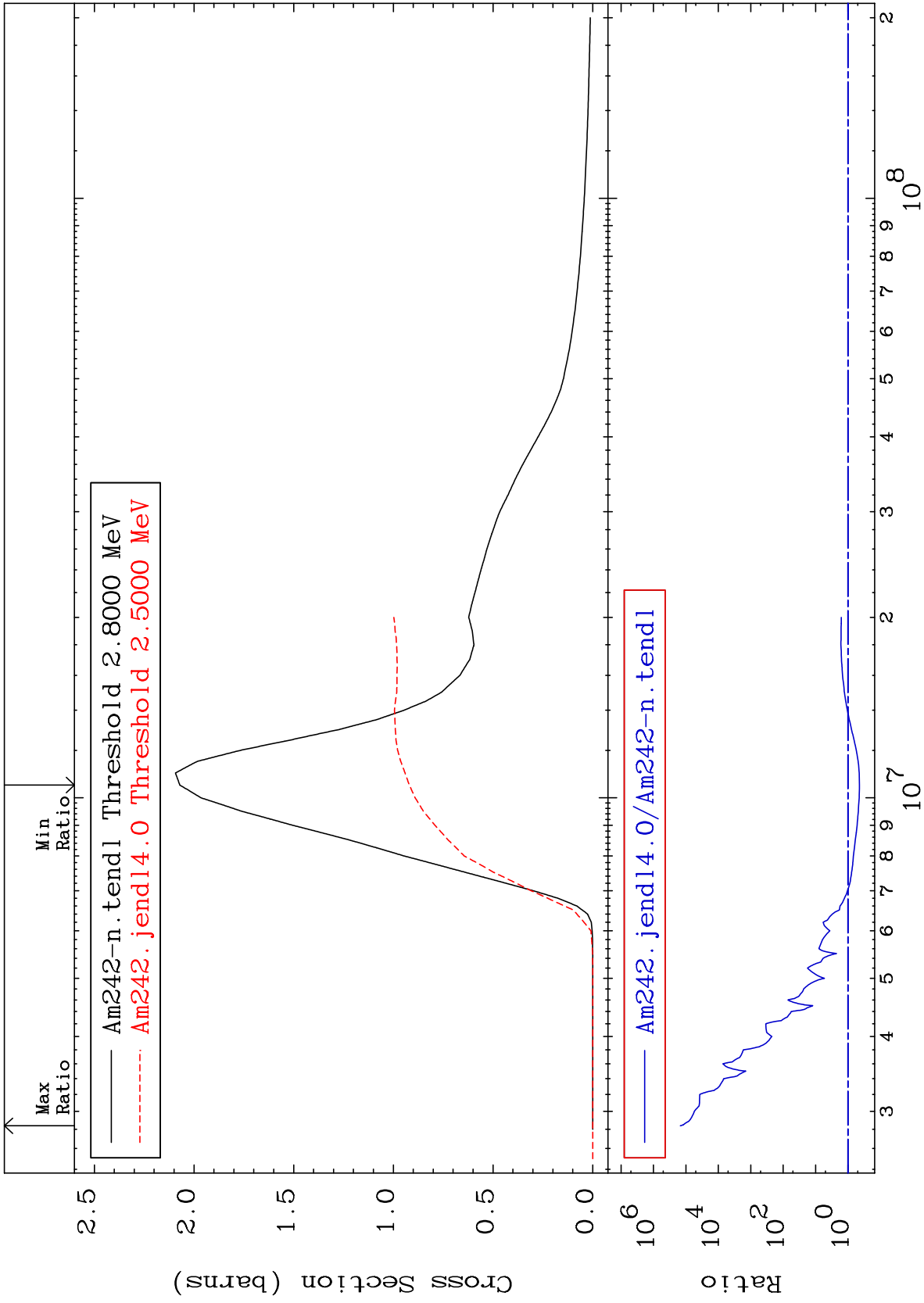
95-Am-242  
-80.83 To 791.0 %



7

Incident Energy (eV)

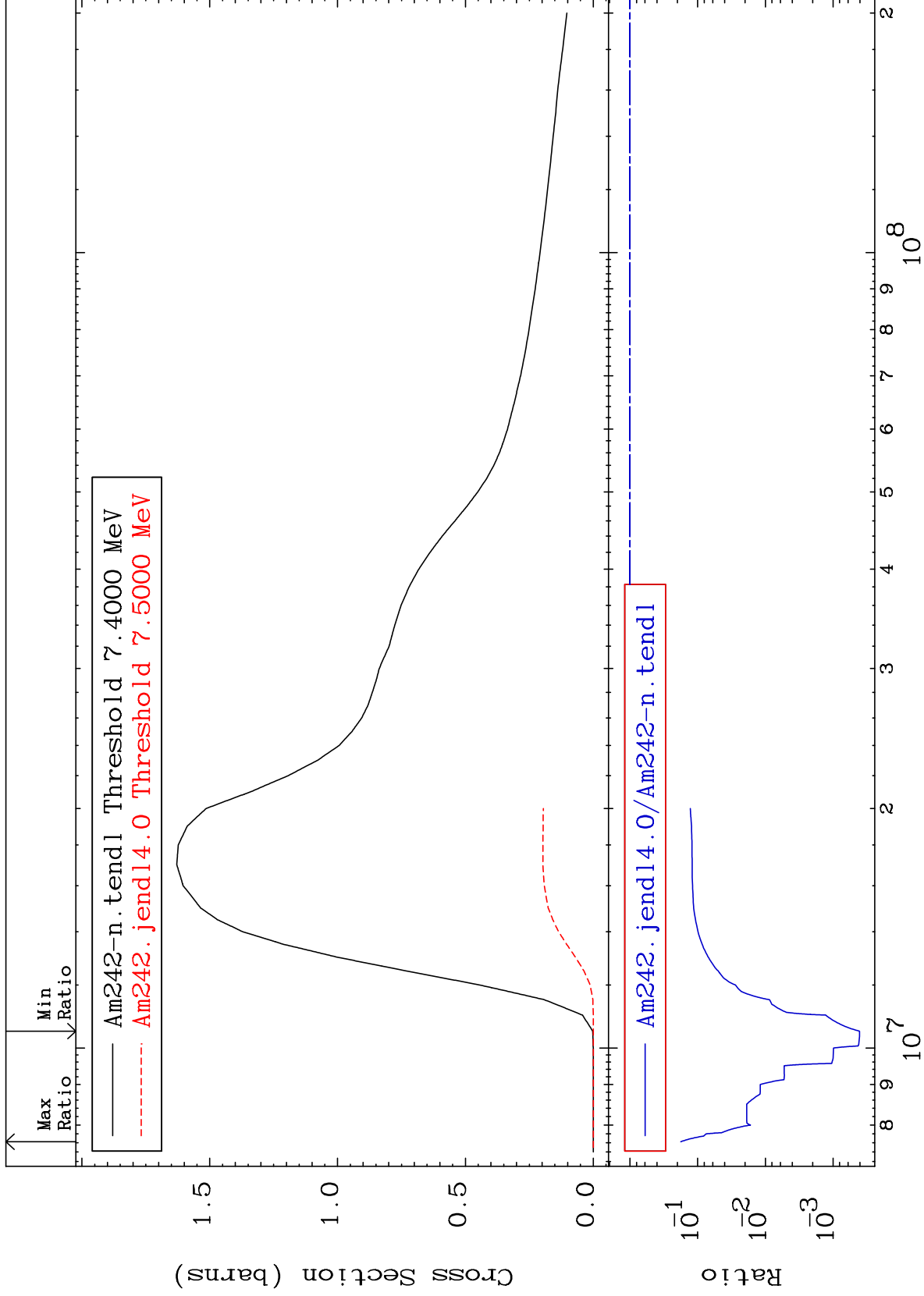
95-Am-242



MAT 9546

(n,2nf) Third Chance  
Cross Section

95-Am-242  
-99.96 To -82.23%



9

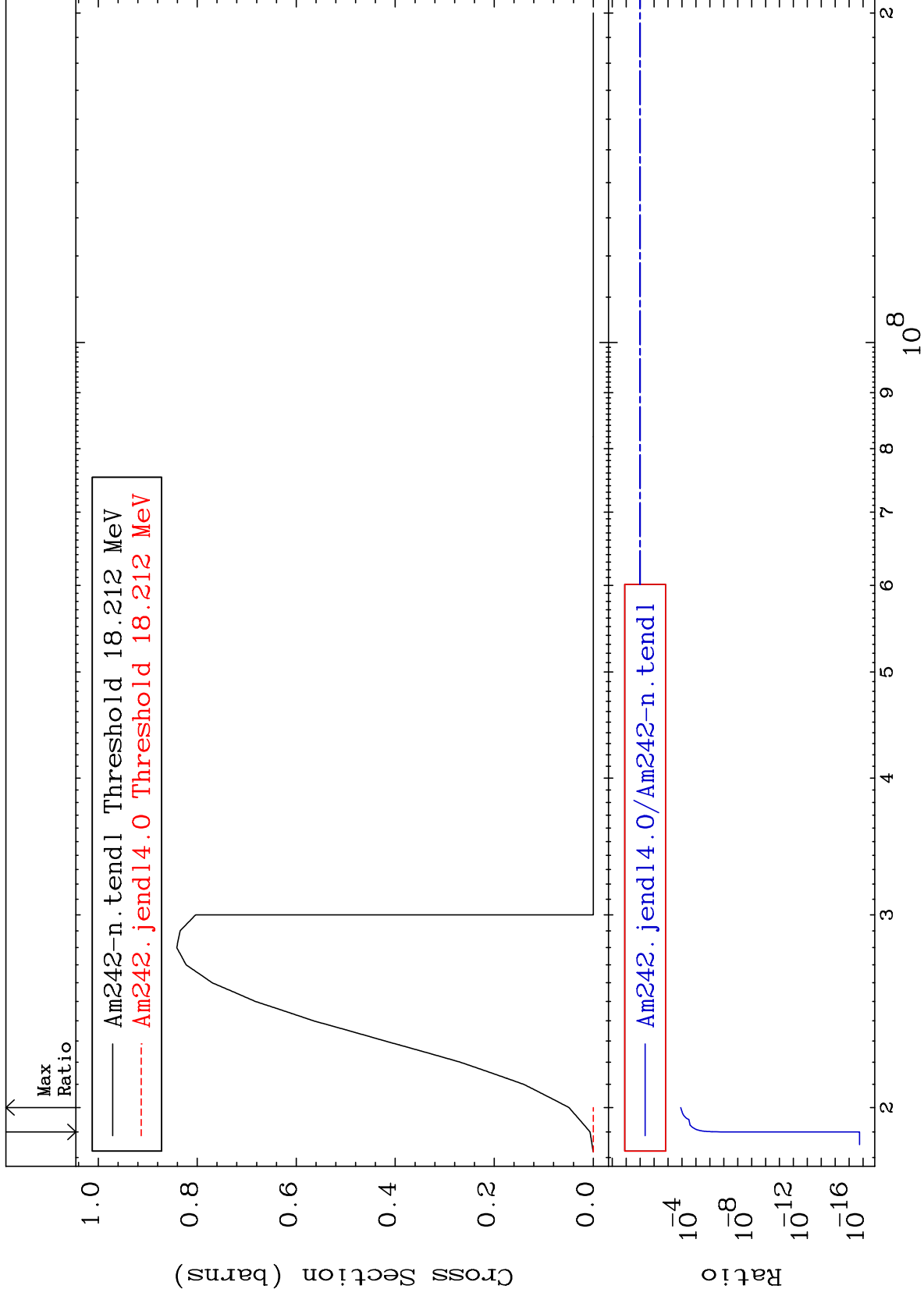
Incident Energy (eV)

95-Am-242

MAT 9546

(n,4n)  
Cross Section

95-Am-242  
-100.0 To -99.88%



10

Incident Energy (eV)

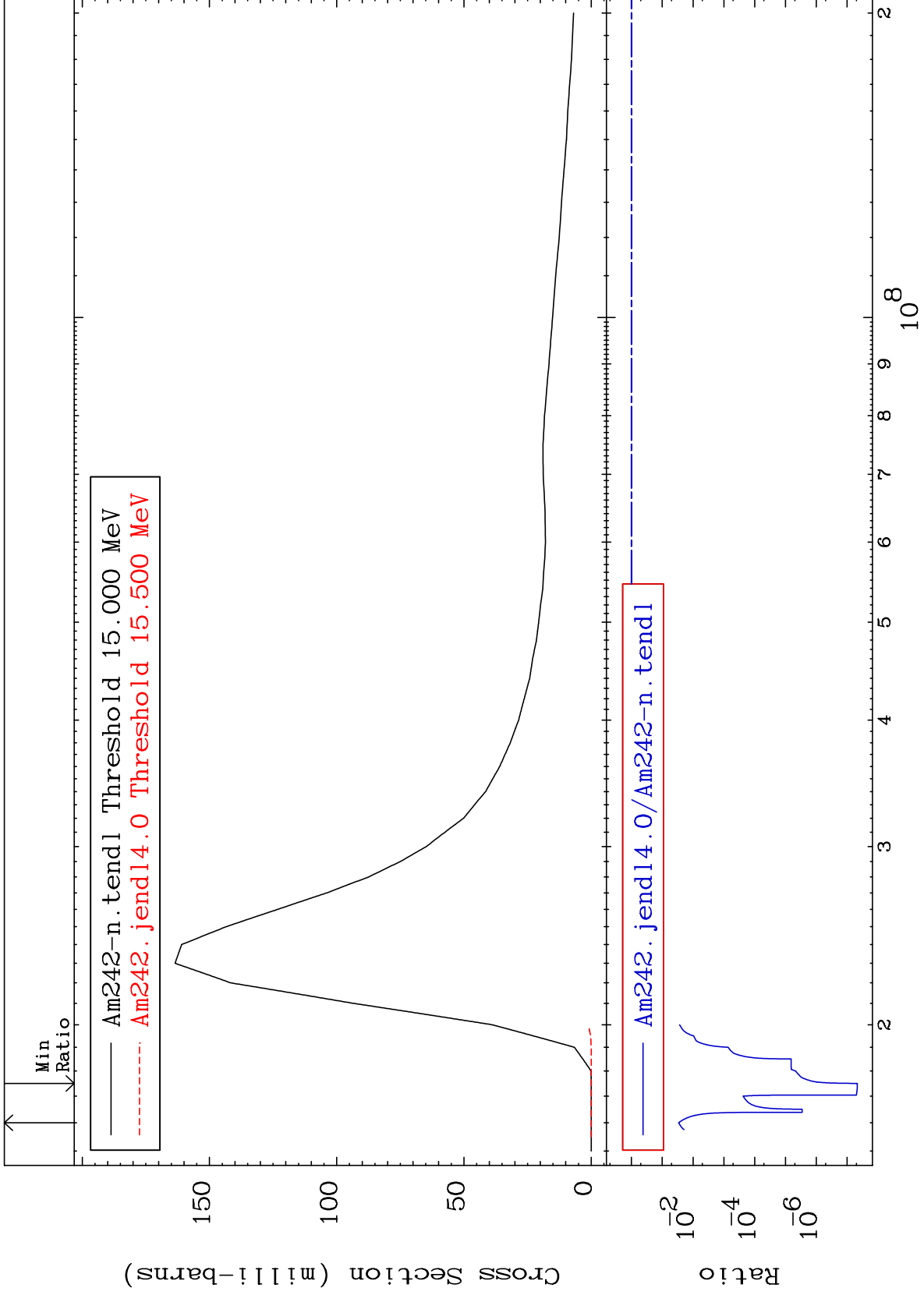
95-Am-242



MAT 9546

(n,3nf) Fourth Chance  
Cross Section

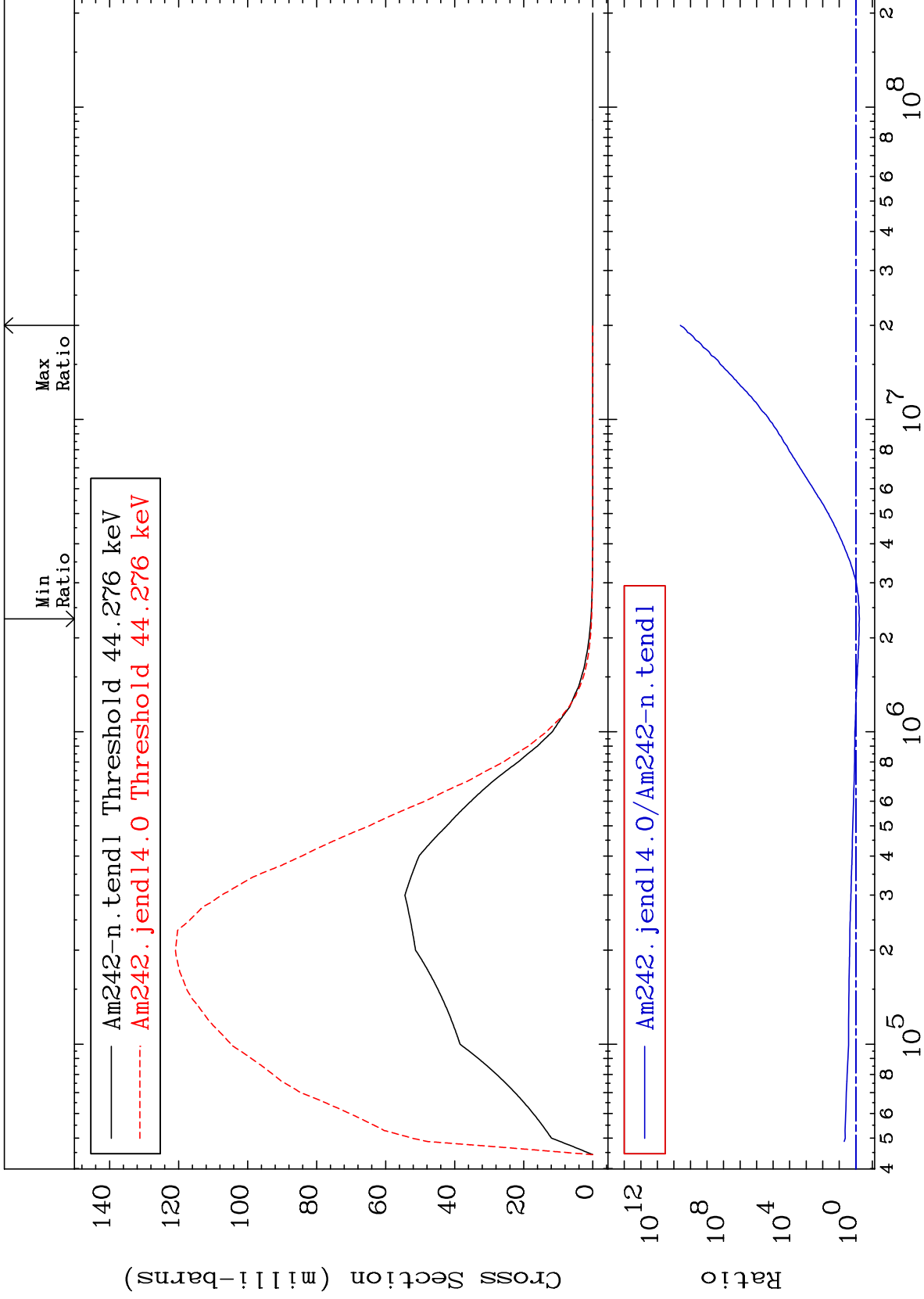
95-Am-242  
-100.0 To -97.06%



MAT 9546

44.09 keV (n,n') Level  
Cross Section

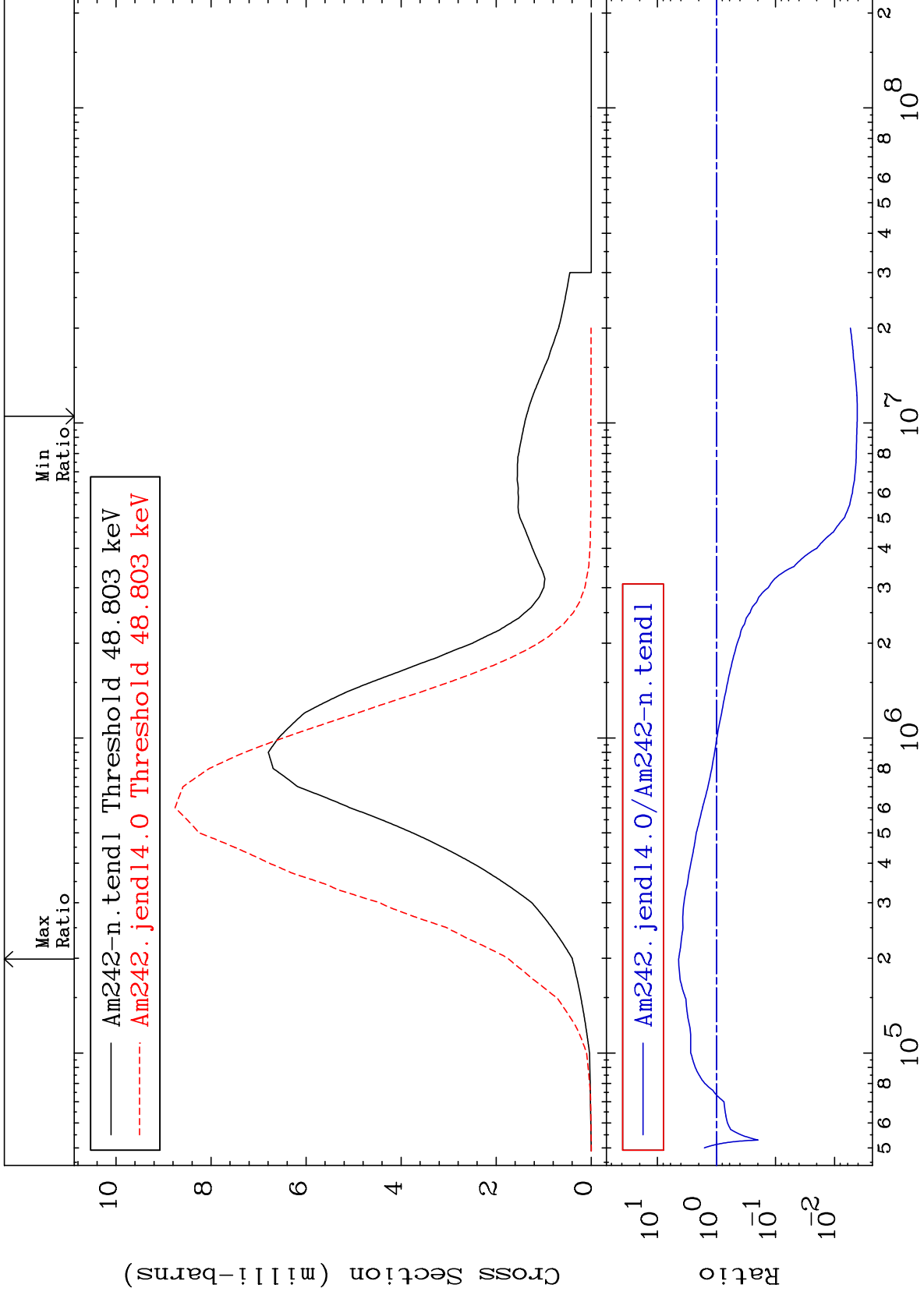
95-Am-242  
-39.37 To 9999. %



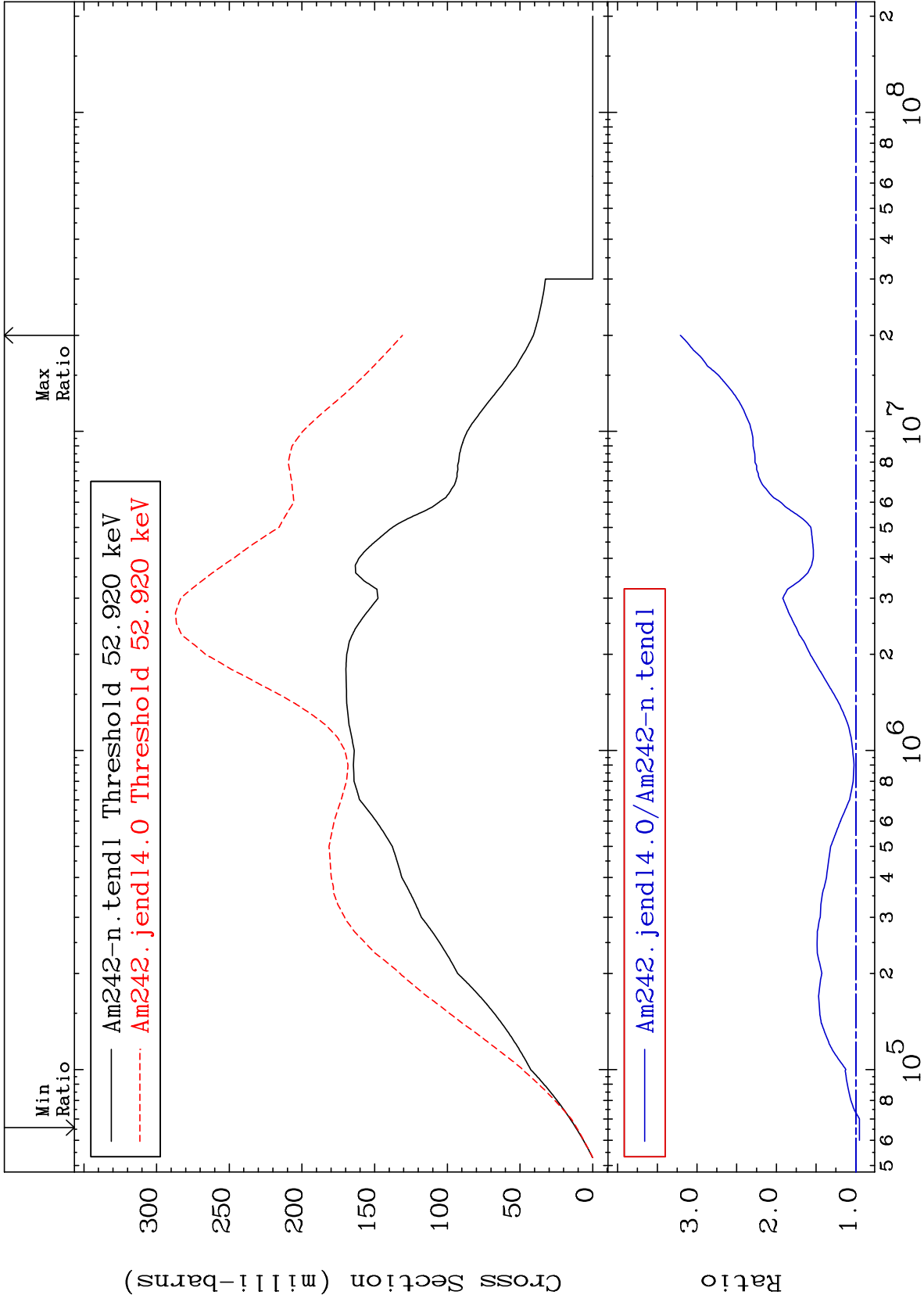
MAT 9546

48.60 keV (n,n') Level  
Cross Section

95-Am-242  
-99.59 To 337.3 %



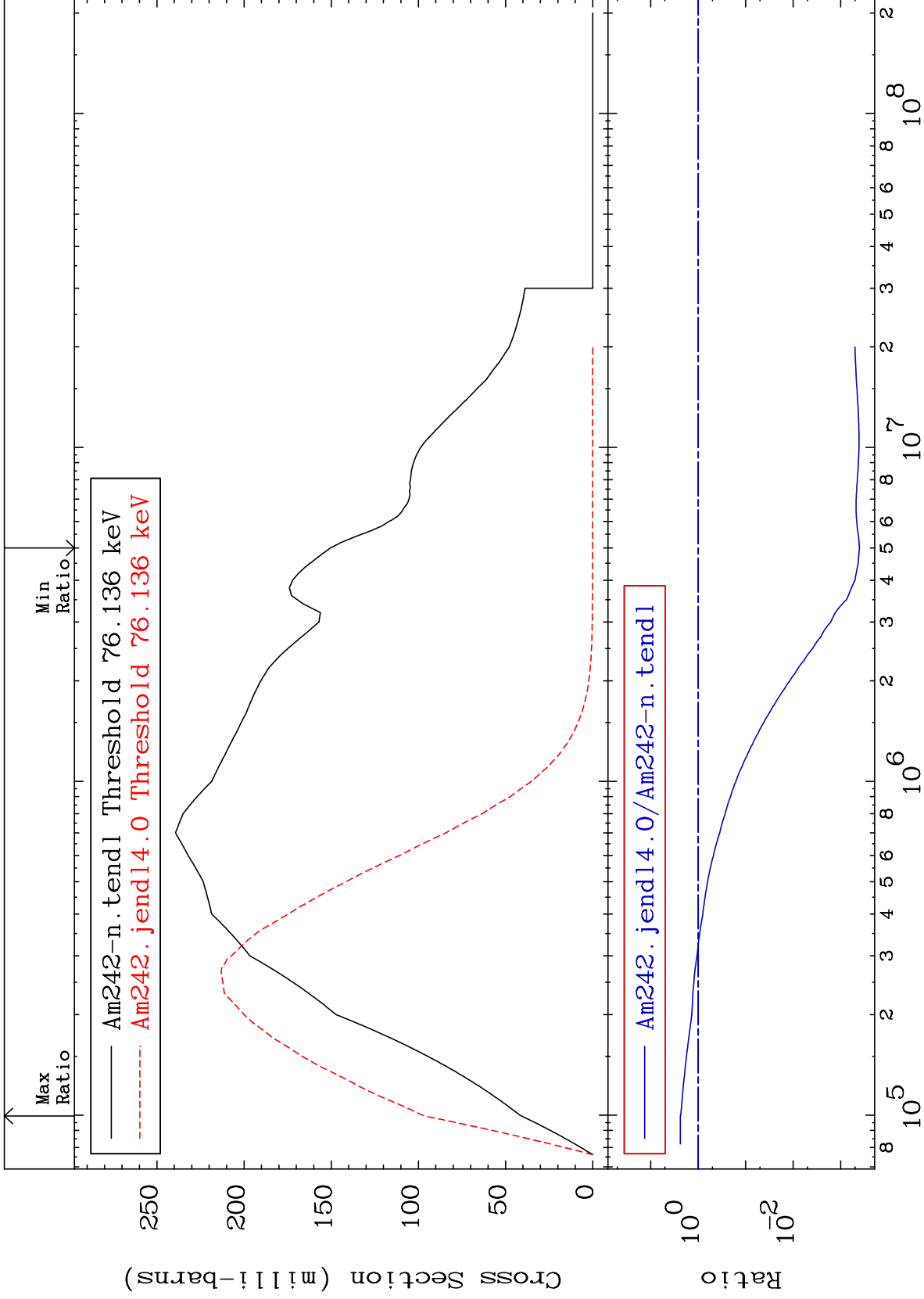
MAT 9546 52.70 keV (n,n') Level 95-Am-242  
 Cross Section -4.586 To 220.9 %



MAT 9546

75.82 keV (n,n') Level  
Cross Section

95-Am-242  
-99.96 To 136.8 %



15

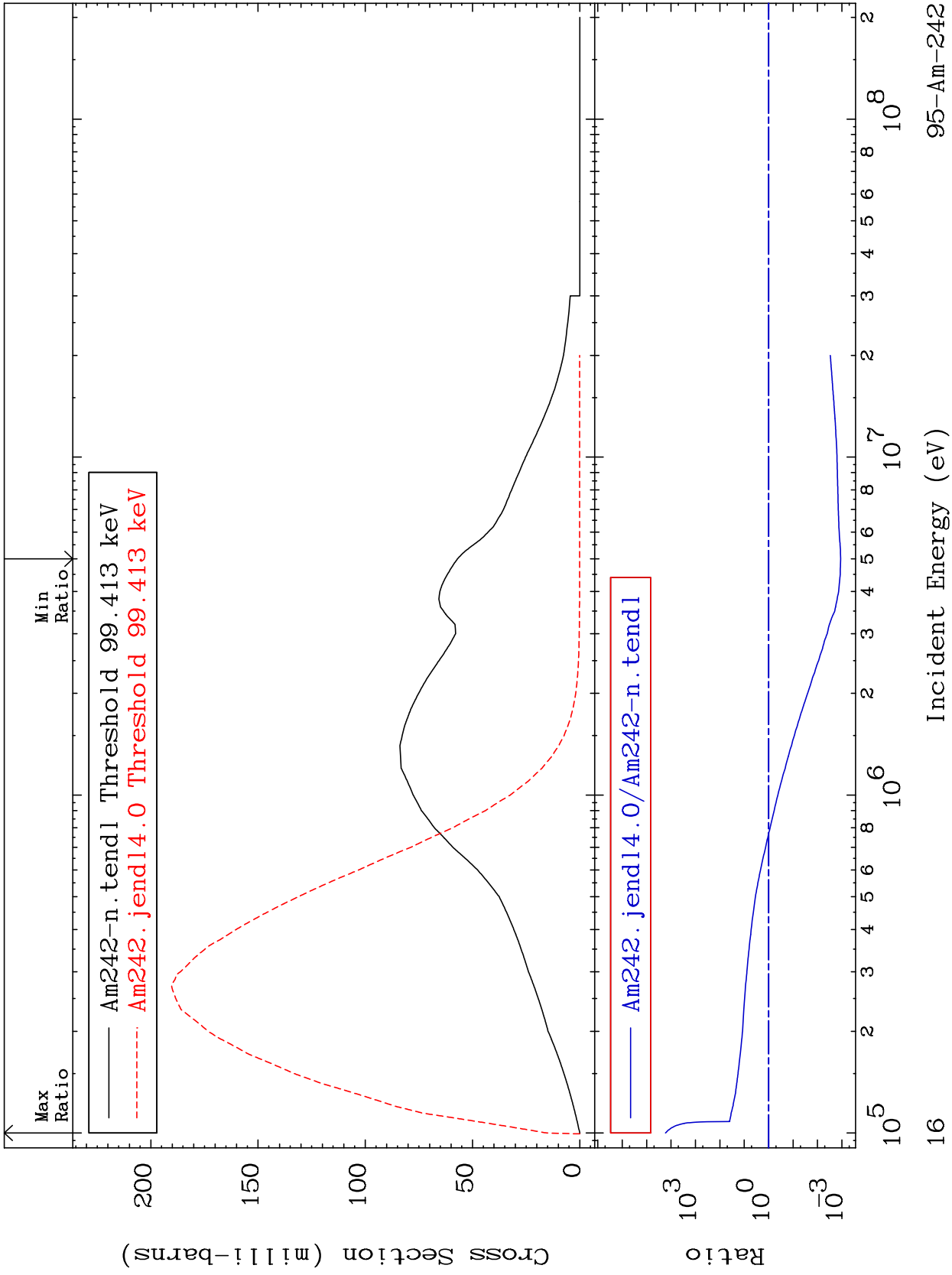
Incident Energy (eV)

95-Am-242

MAT 9546

99.00 keV (n,n') Level  
Cross Section

95-Am-242  
-99.89 To 9999. %



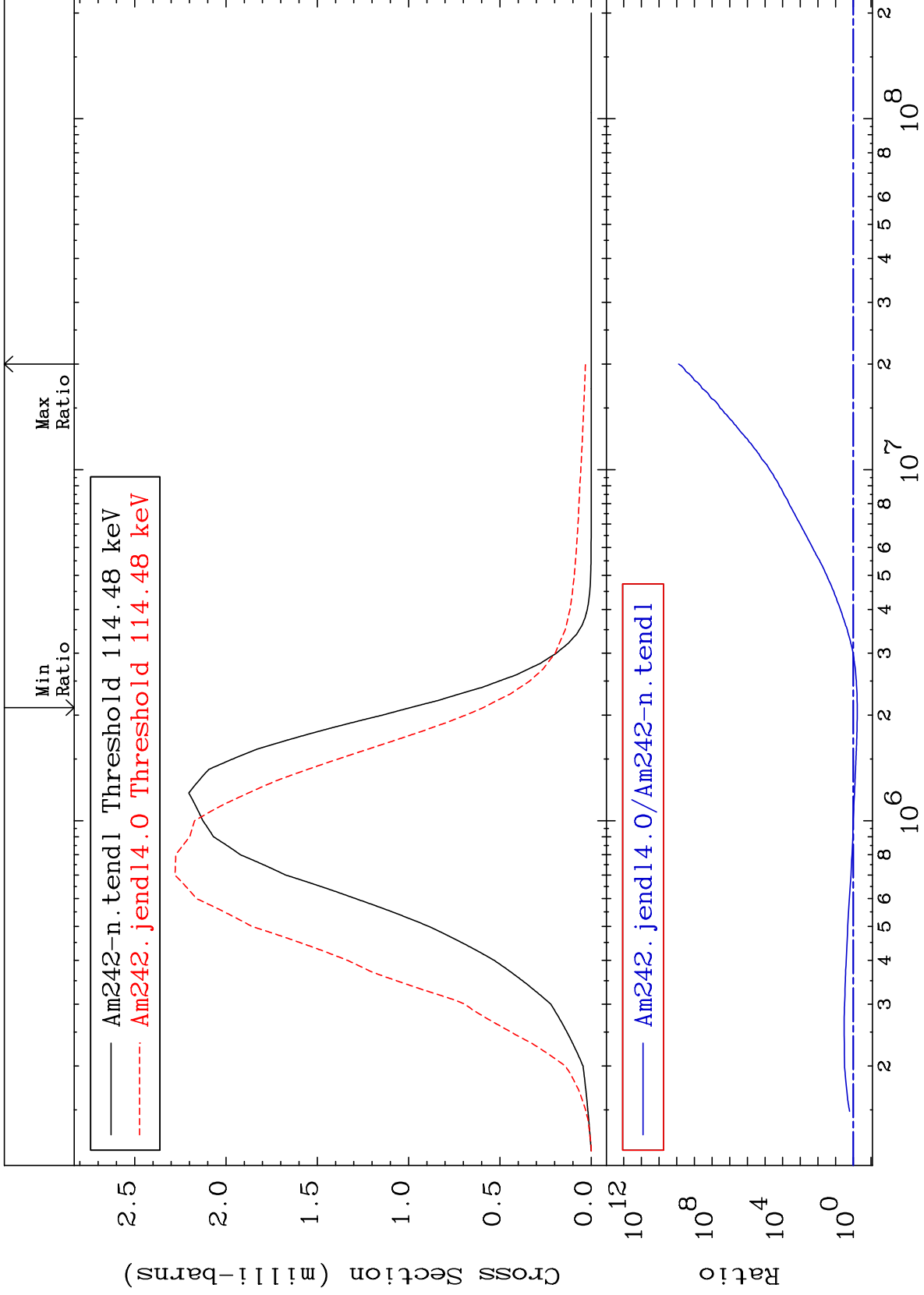
Incident Energy (eV)

95-Am-242

MAT 9546

114.0 keV (n,n') Level  
Cross Section

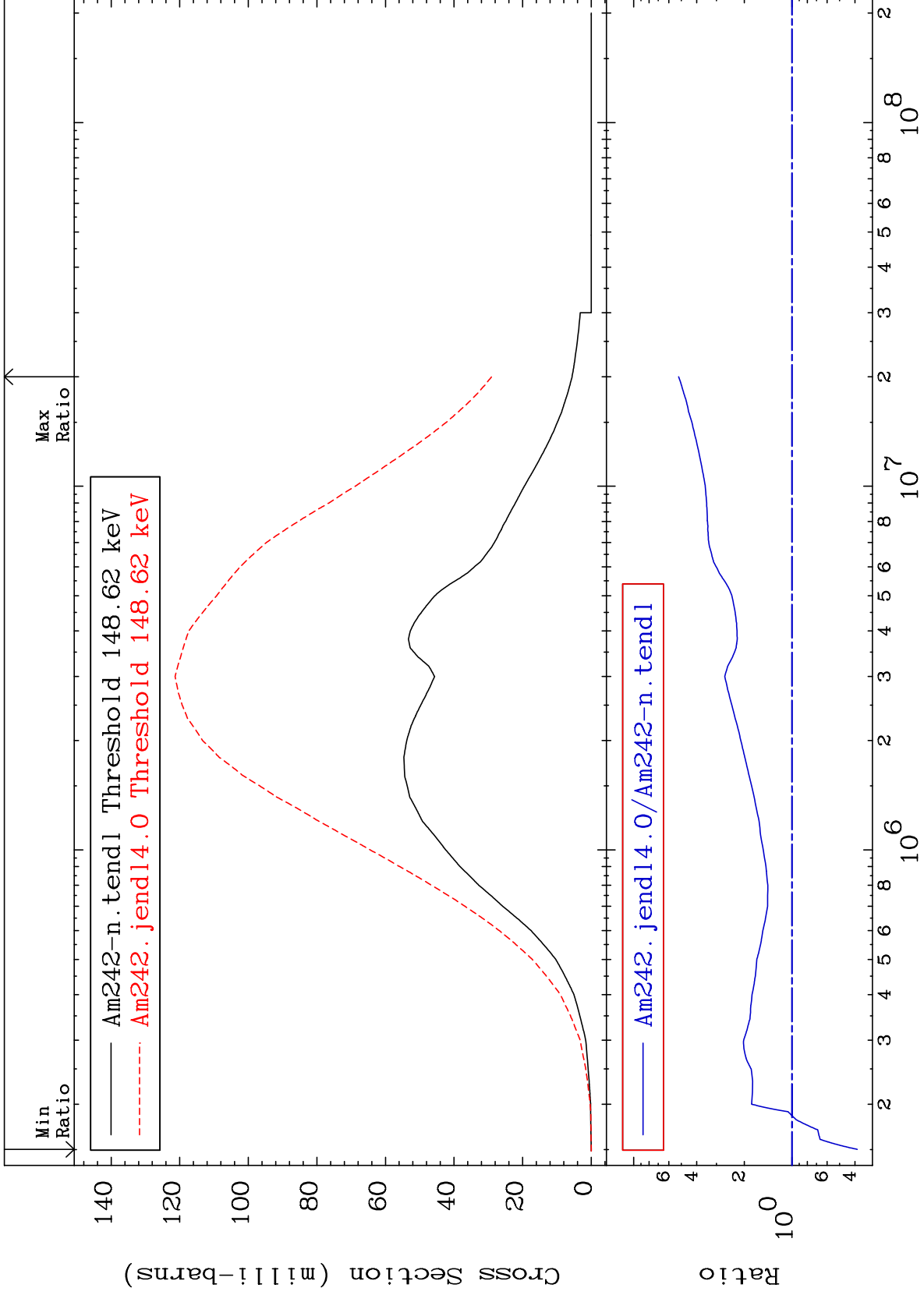
95-Am-242  
-40.37 To 9999. %



MAT 9546

148.0 keV (n,n') Level  
Cross Section

95-Am-242  
-61.30 To 419.6 %

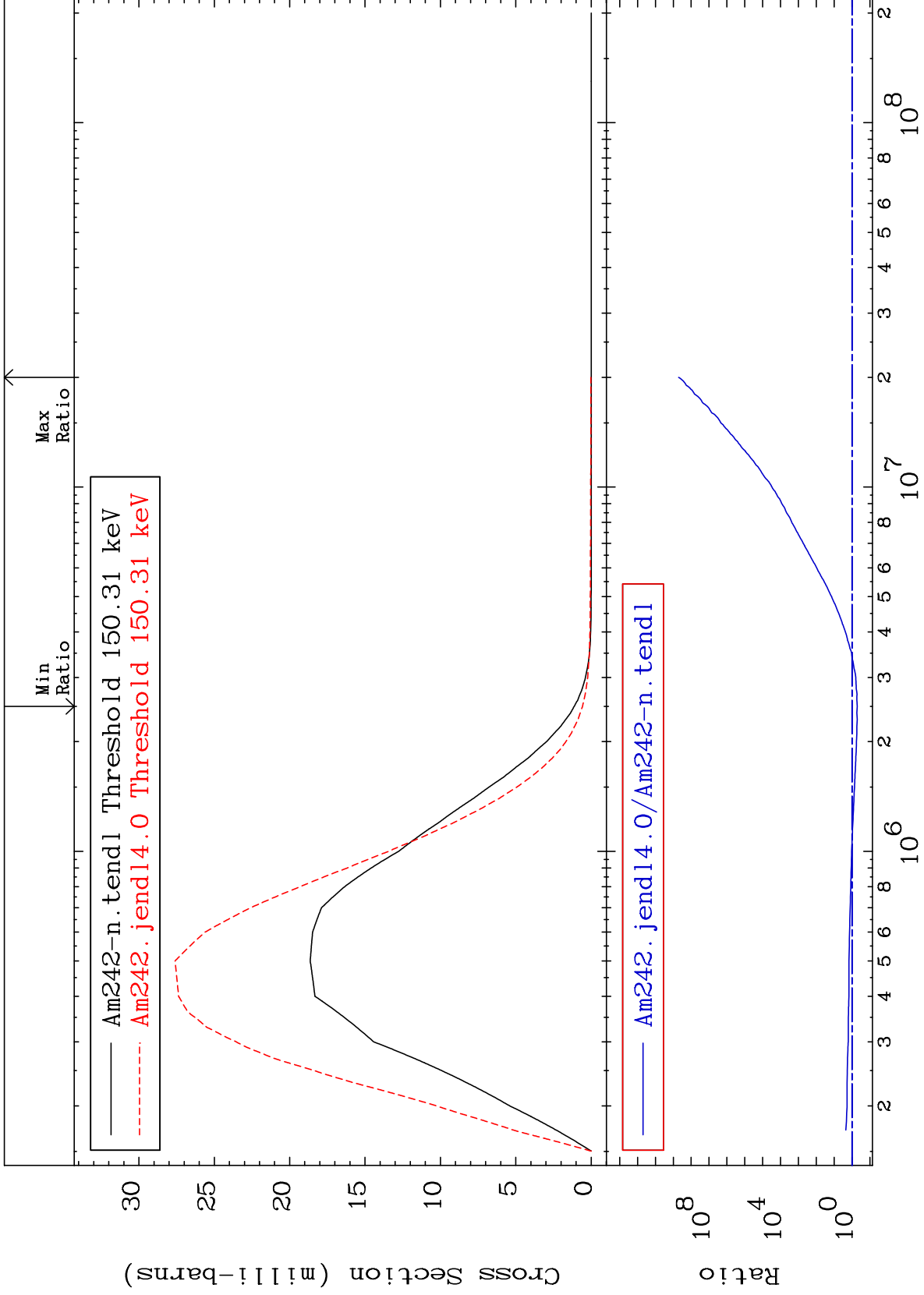




MAT 9546

149.7 keV (n,n') Level  
Cross Section

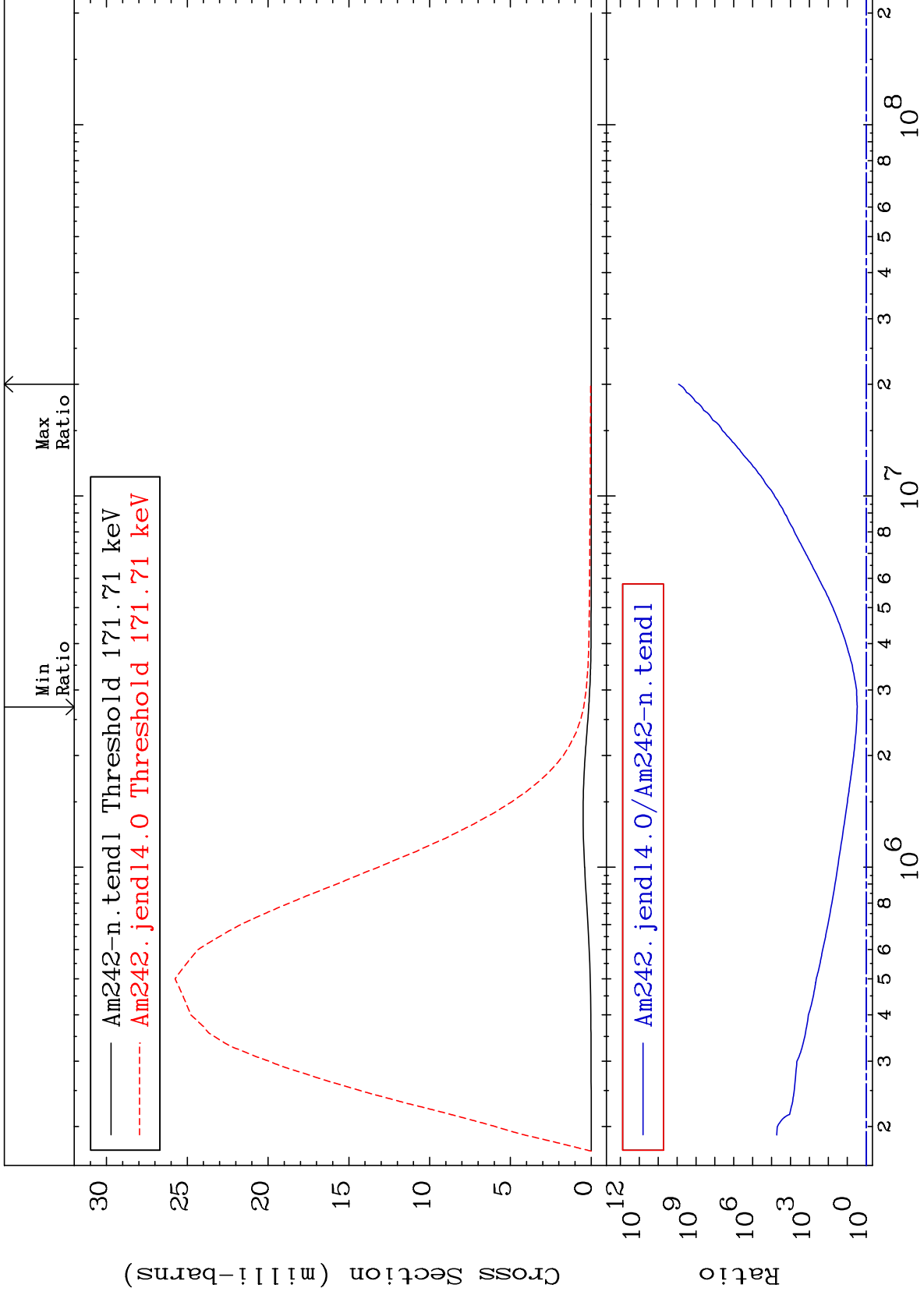
95-Am-242  
-48.88 To 9999. %



MAT 9546

171.0 keV (n,n') Level  
Cross Section

95-Am-242  
200.2 To 9999. %



20

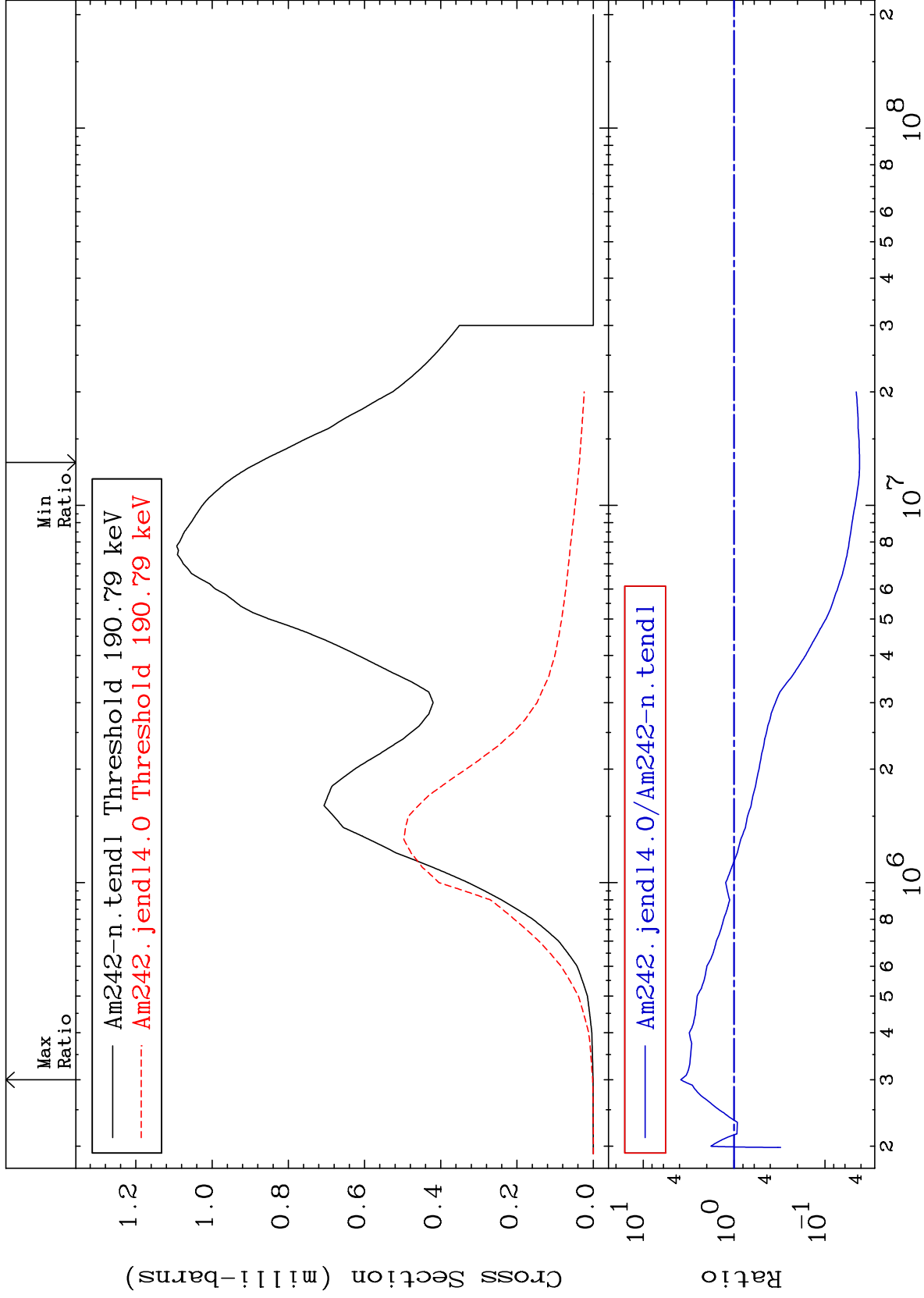
Incident Energy (eV)

95-Am-242

MAT 9546

190.0 keV (n,n') Level  
Cross Section

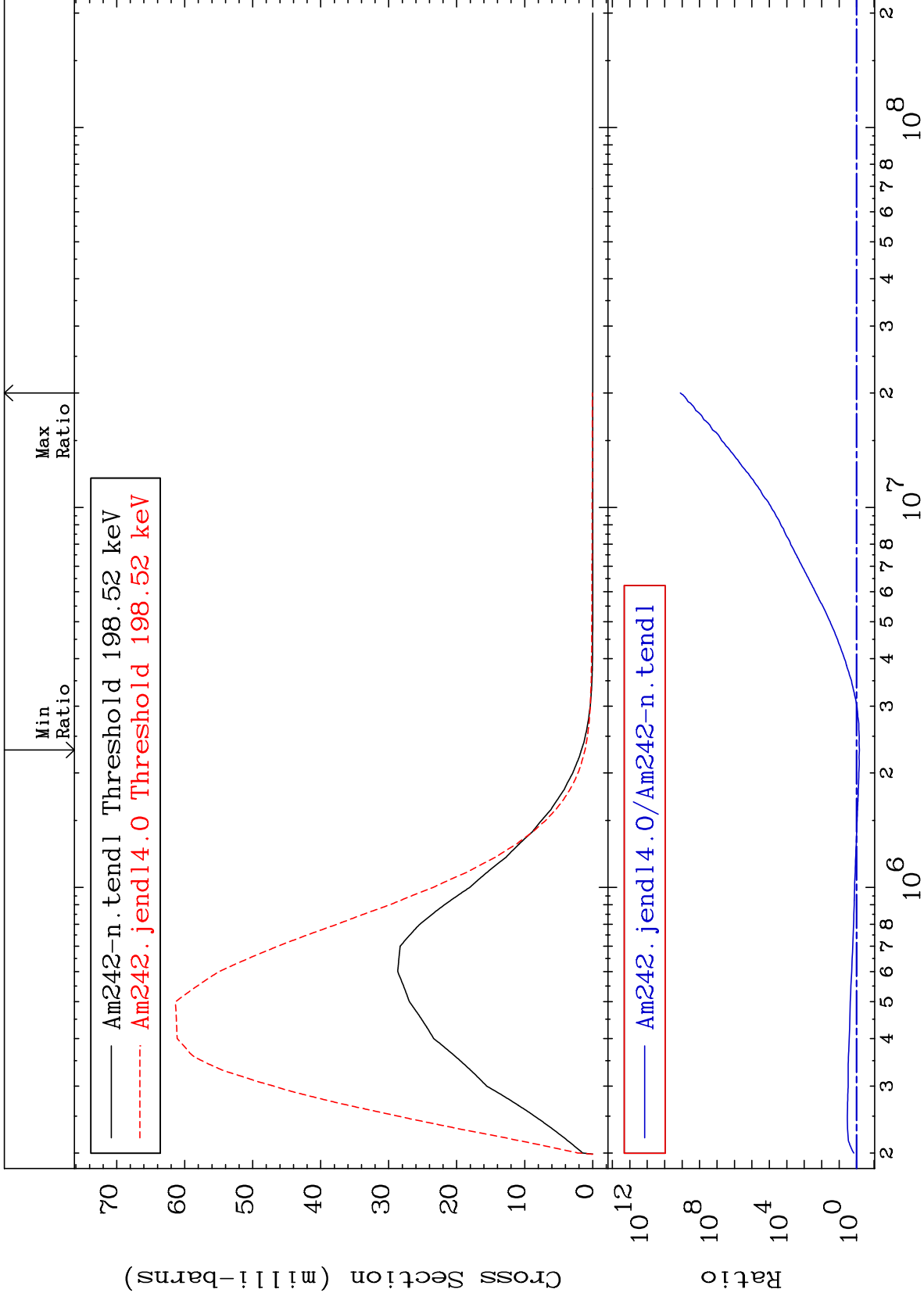
95-Am-242  
-95.85 To 286.5 %



MAT 9546

197.7 keV (n,n') Level  
Cross Section

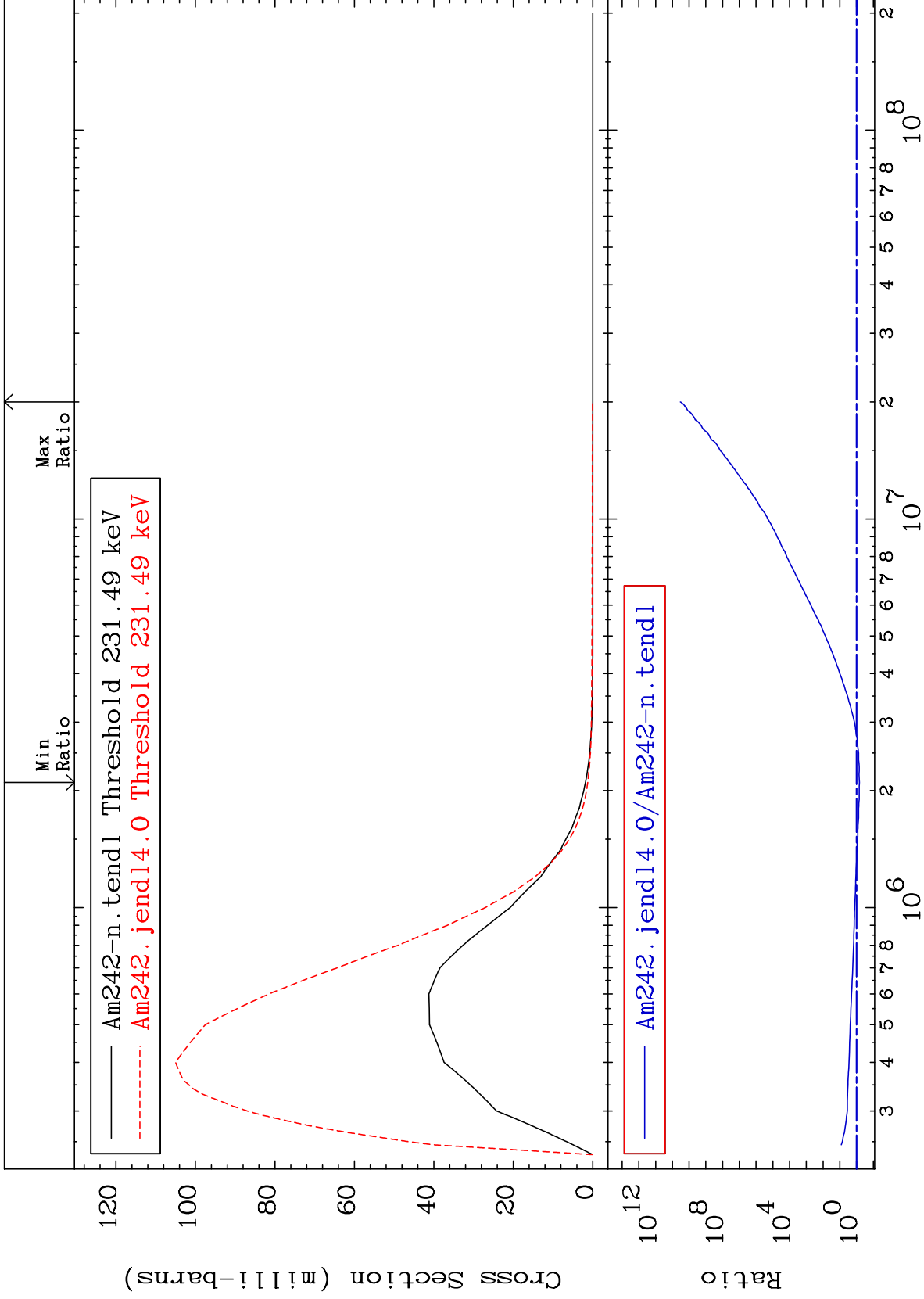
95-Am-242  
-31.69 To 9999. %



MAT 9546

230.5 keV (n,n') Level  
Cross Section

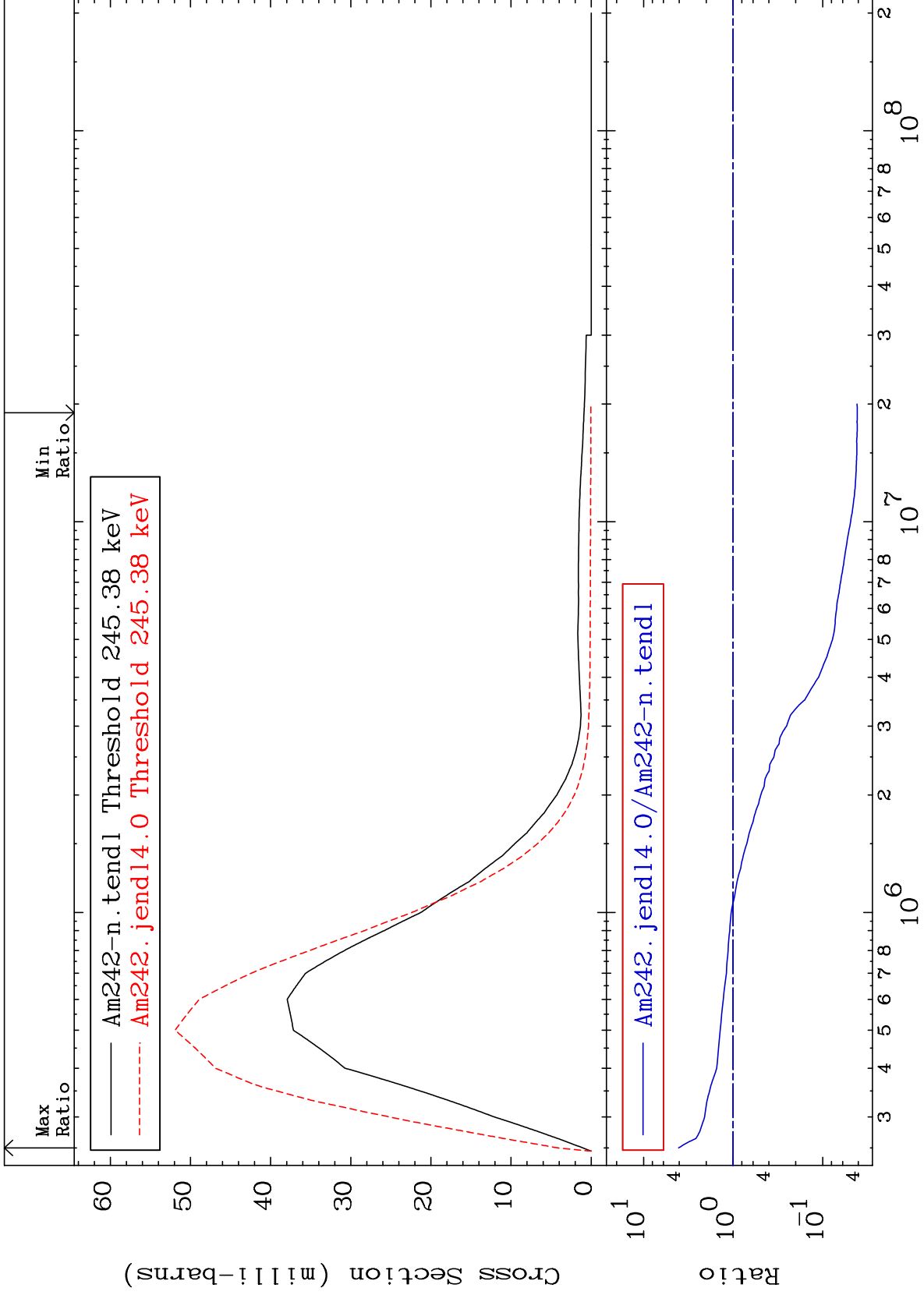
95-Am-242  
-32.70 To 9999. %



MAT 9546

244.4 keV (n,n') Level  
Cross Section

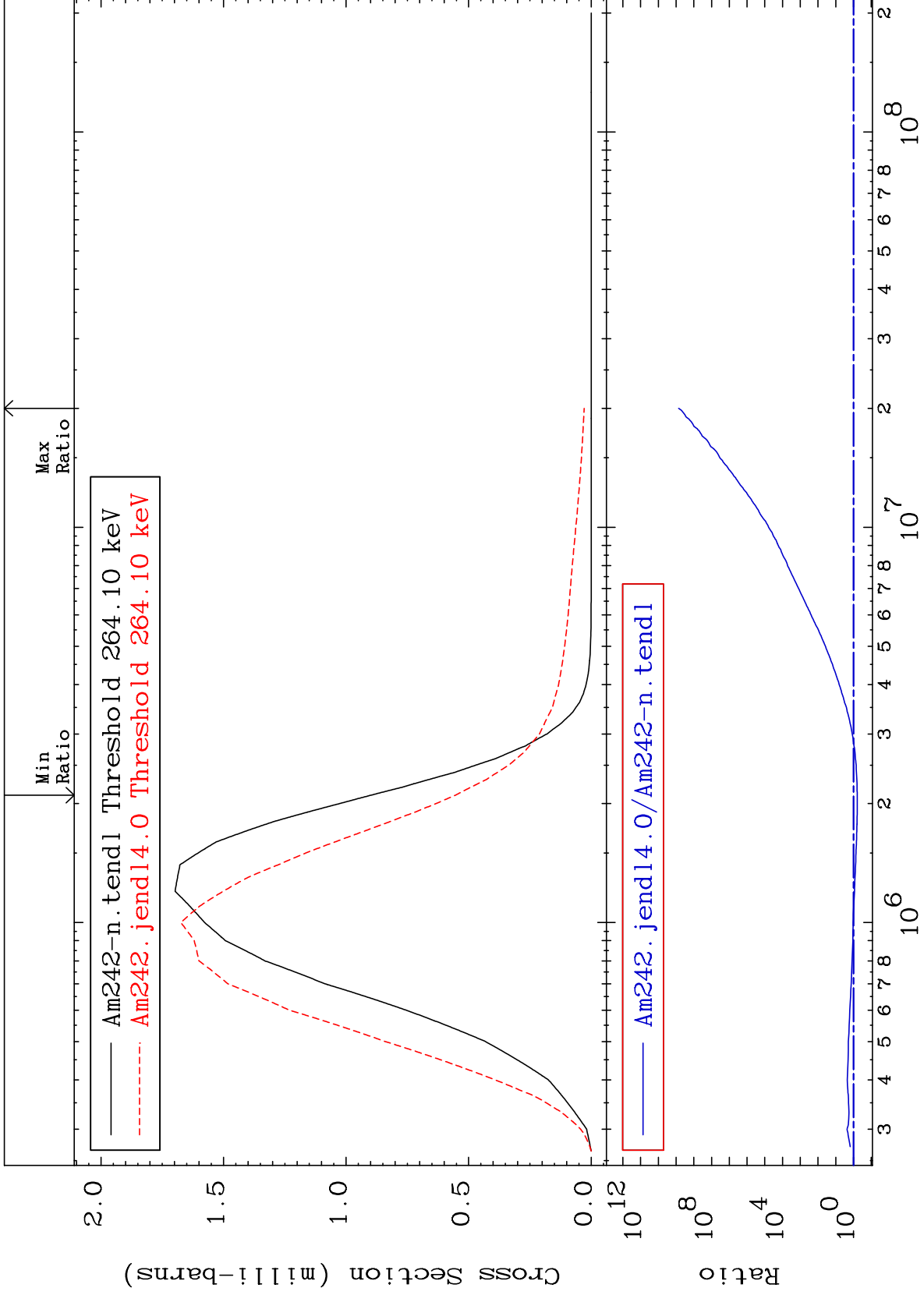
95-Am-242  
-95.88 To 306.3 %



MAT 9546

263.0 keV (n,n') Level  
Cross Section

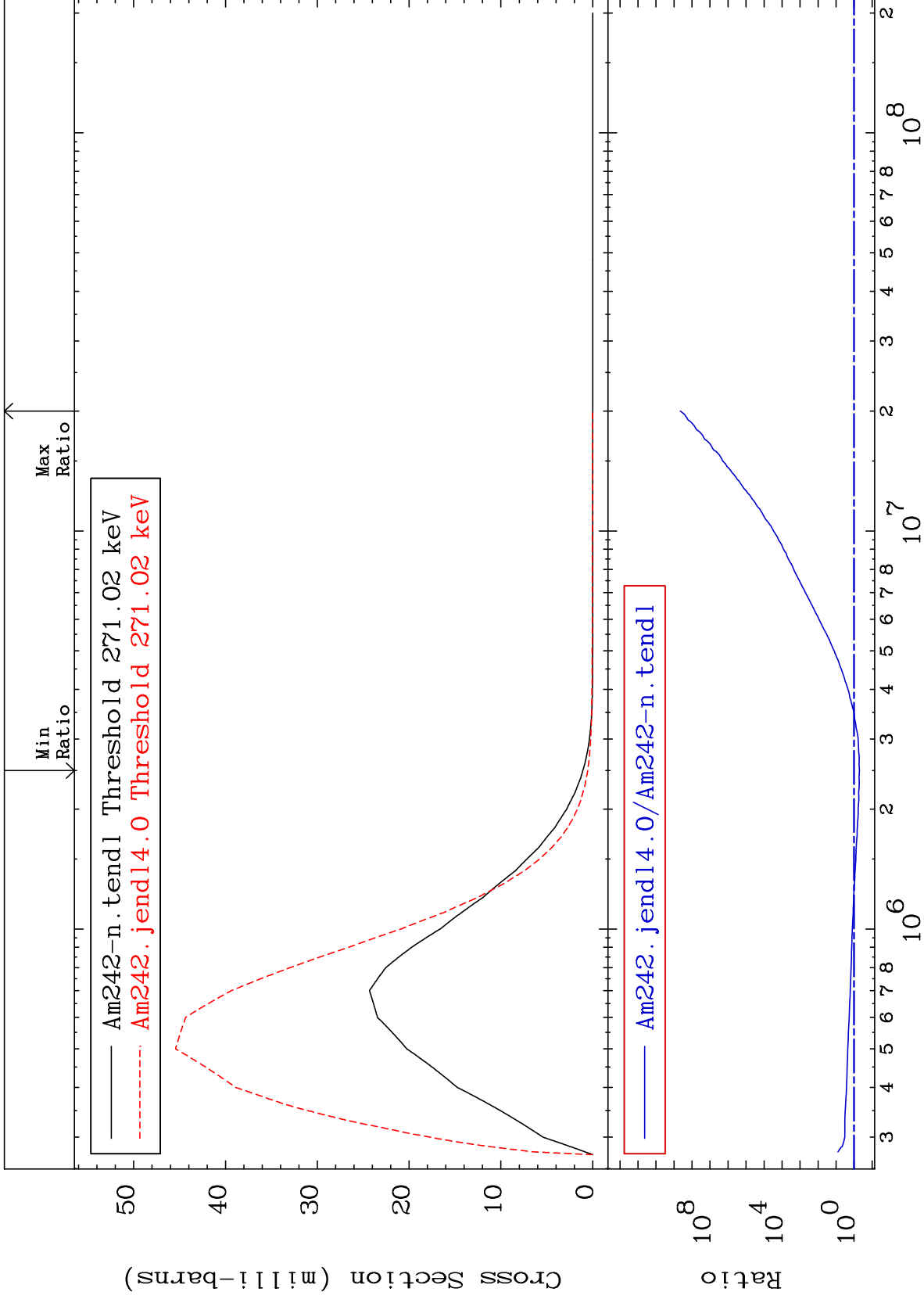
95-Am-242  
-38.36 To 9999. %



MAT 9546

269.9 keV (n,n') Level  
Cross Section

95-Am-242  
-49.49 To 9999. %

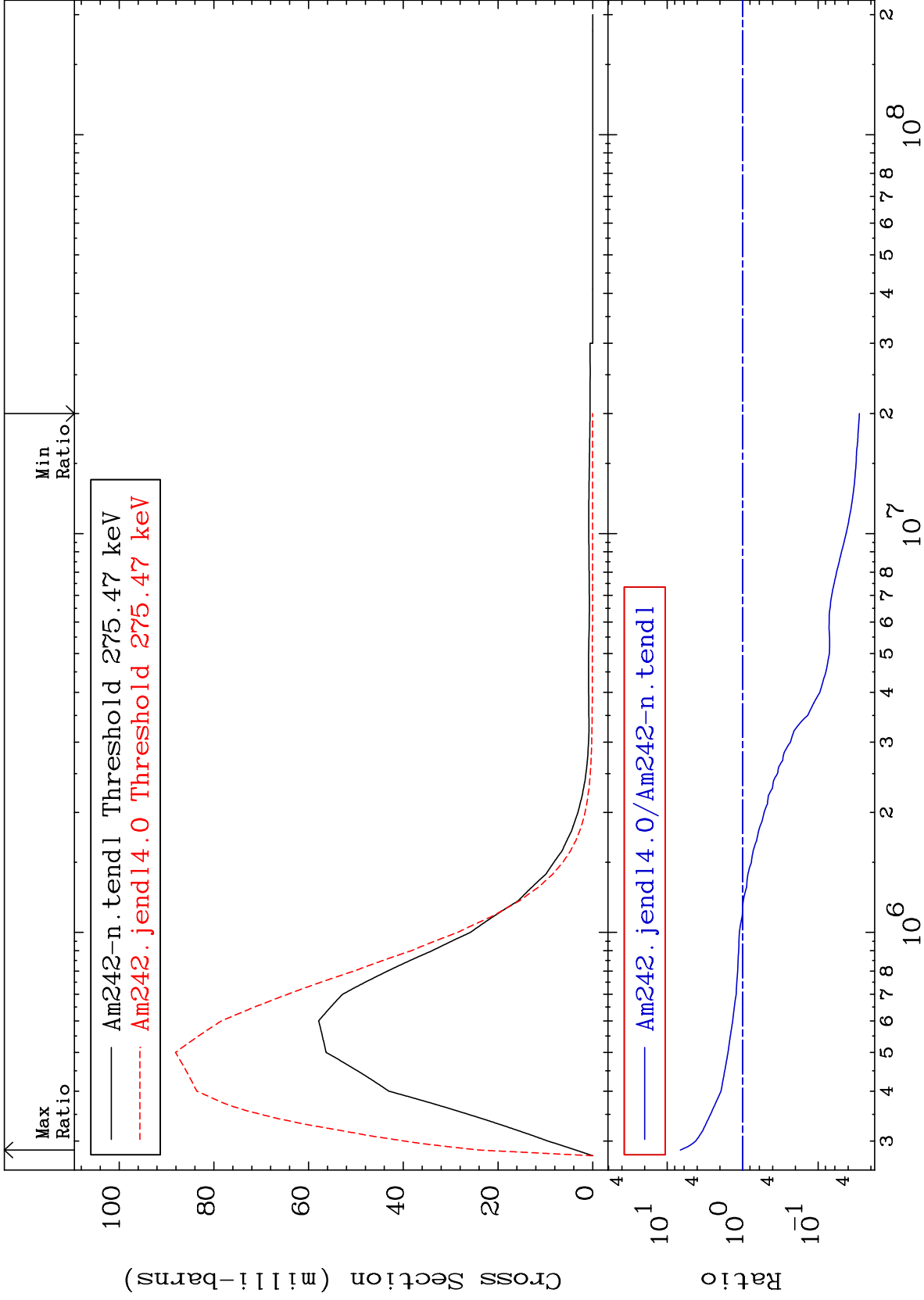




MAT 9546

274.3 keV (n,n') Level  
Cross Section

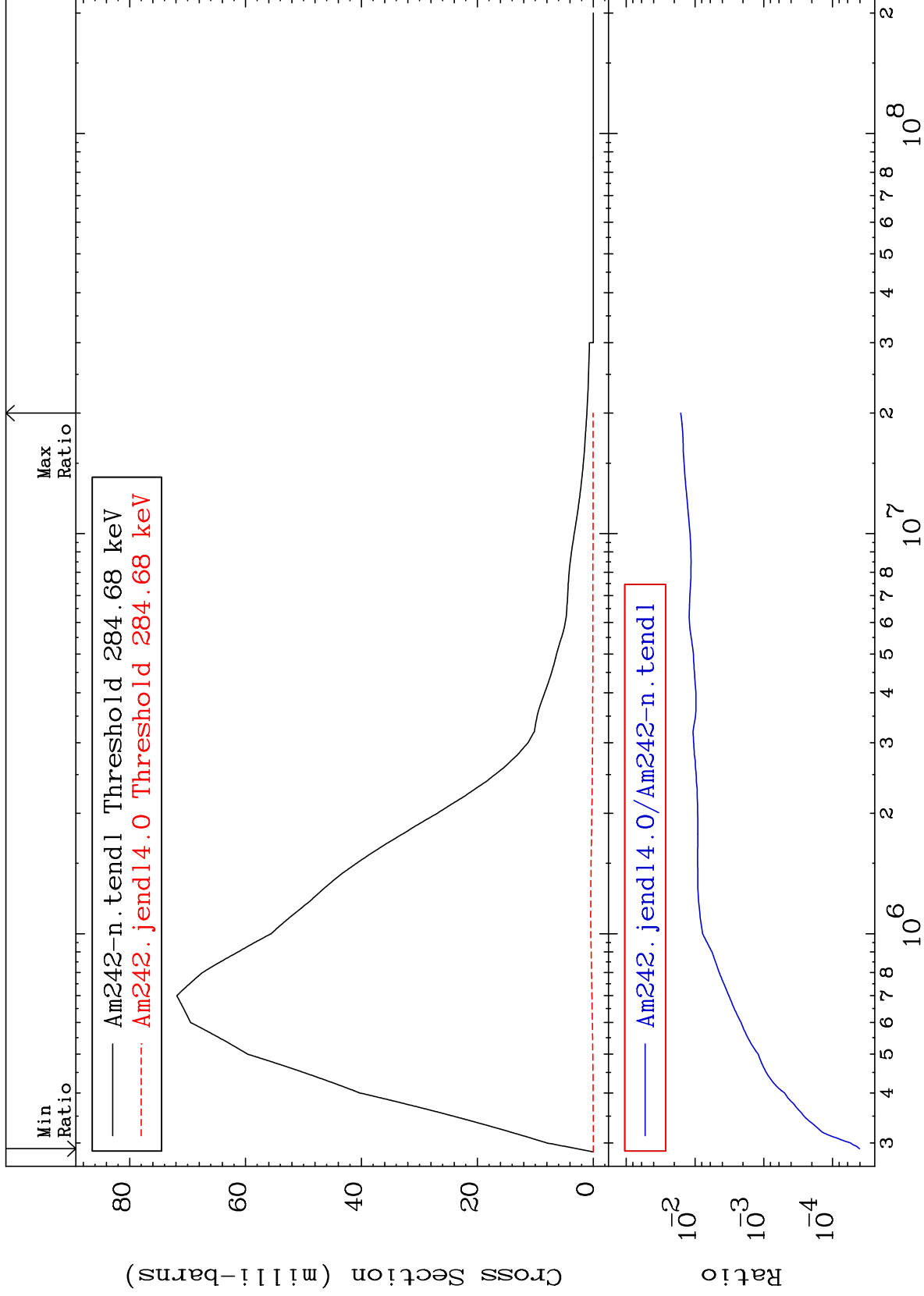
95-Am-242  
-97.17 To 570.7 %



MAT 9546

283.5 keV (n,n') Level  
Cross Section

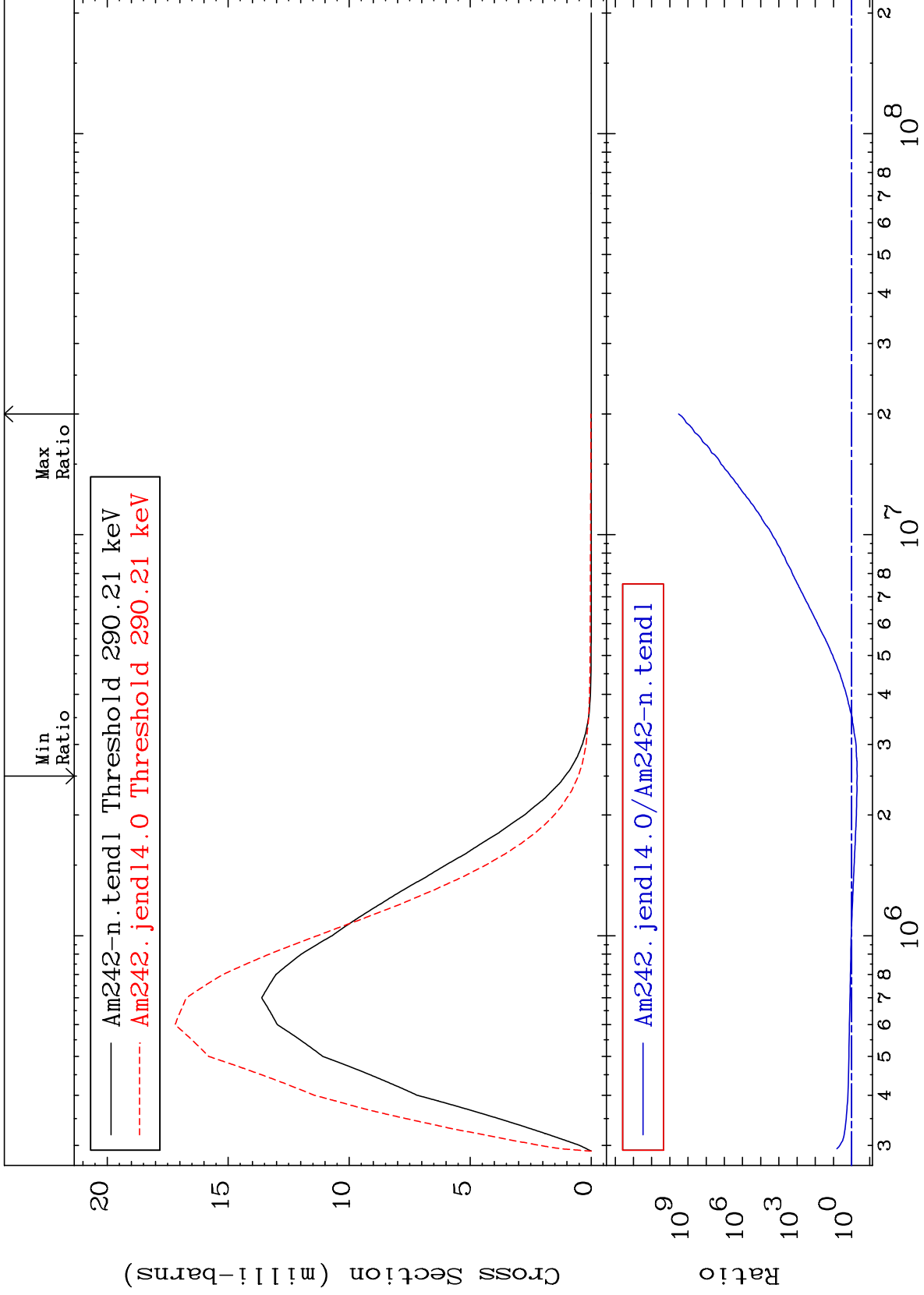
95-Am-242  
-100.0 To -98.39%



MAT 9546

289.0 keV (n,n') Level  
Cross Section

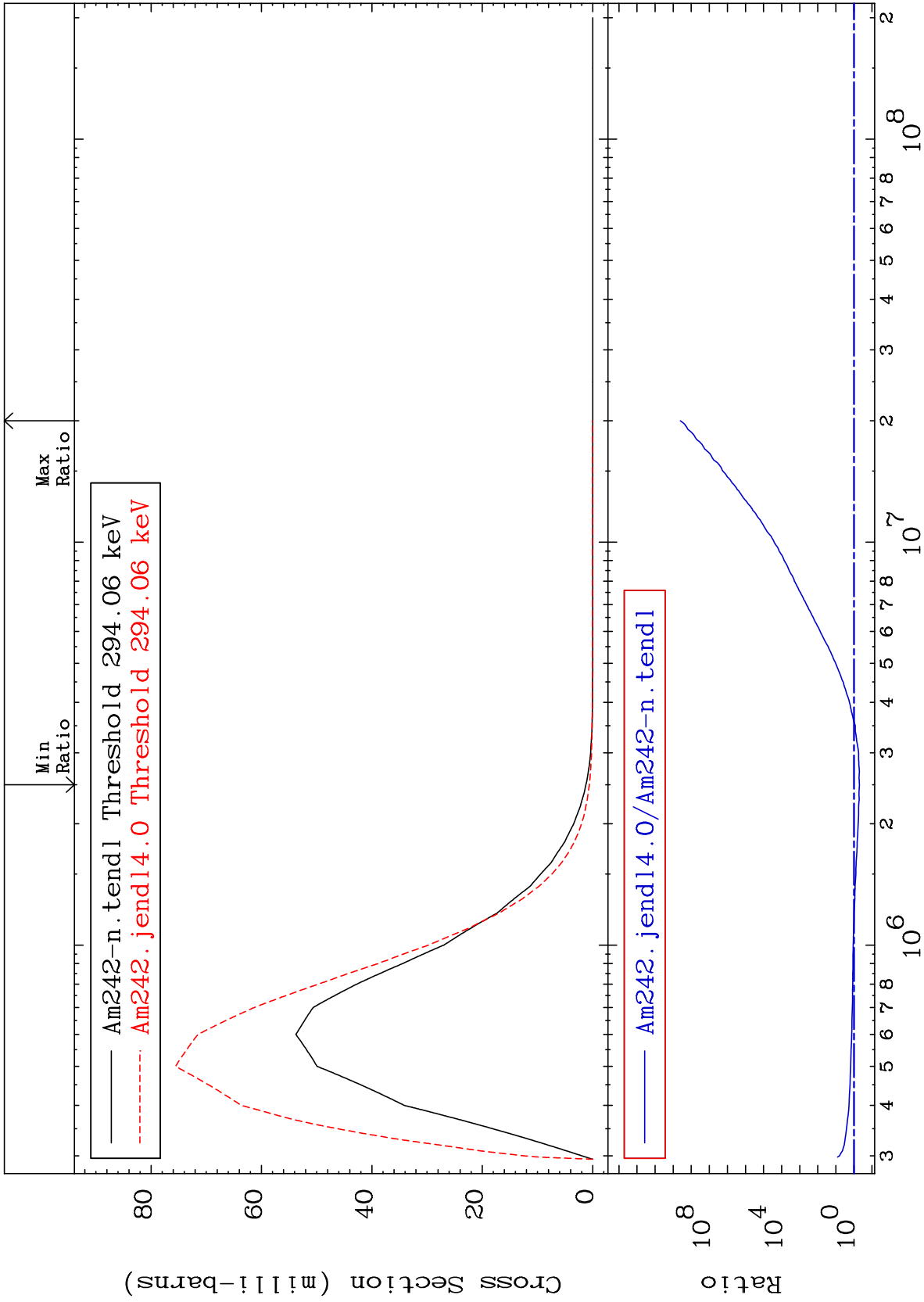
95-Am-242  
-50.93 To 9999. %



MAT 9546

292.8 keV (n,n') Level  
Cross Section

95-Am-242  
-50.54 To 9999. %



30

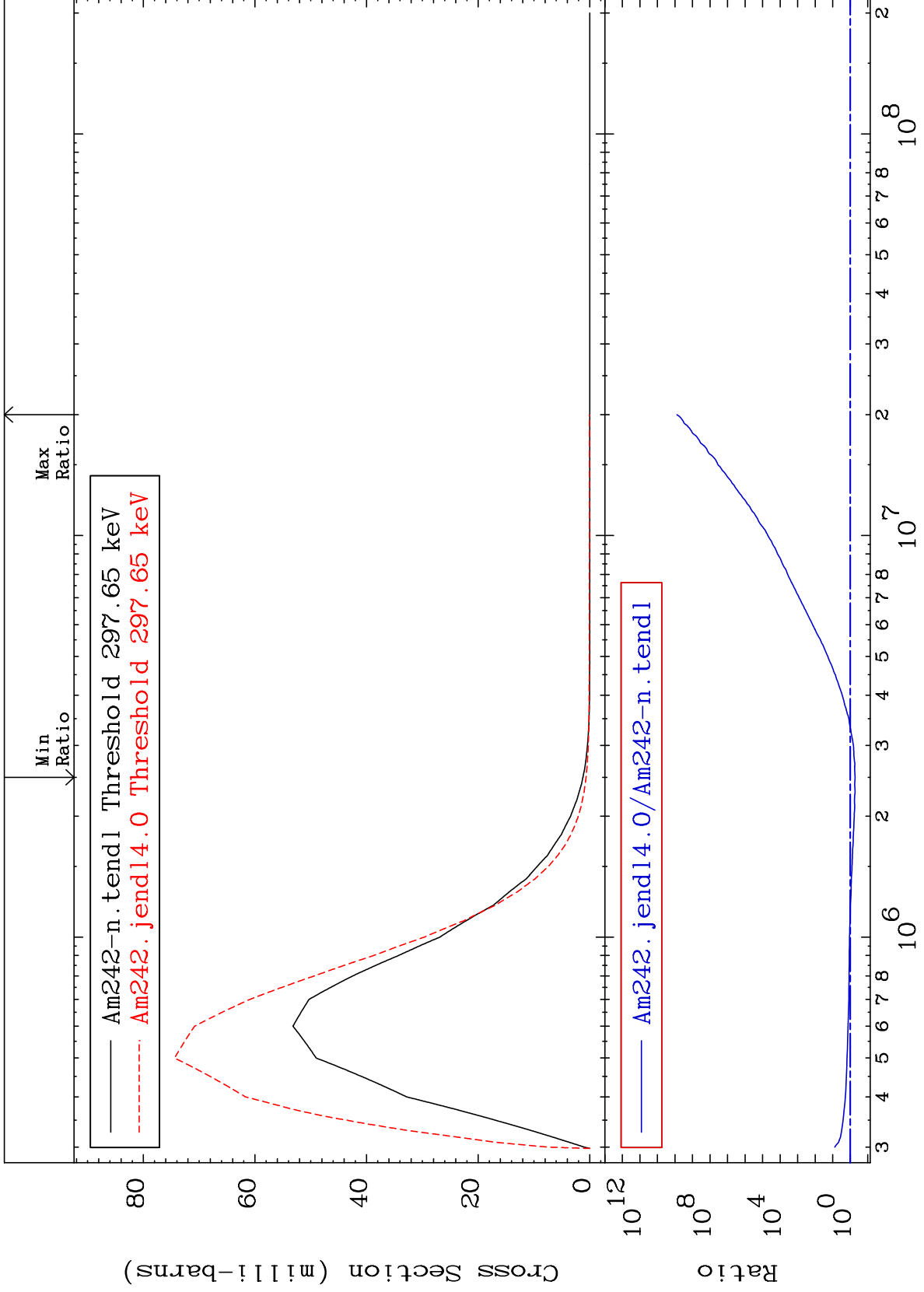
Incident Energy (eV)

95-Am-242

MAT 9546

296.4 keV (n,n') Level  
Cross Section

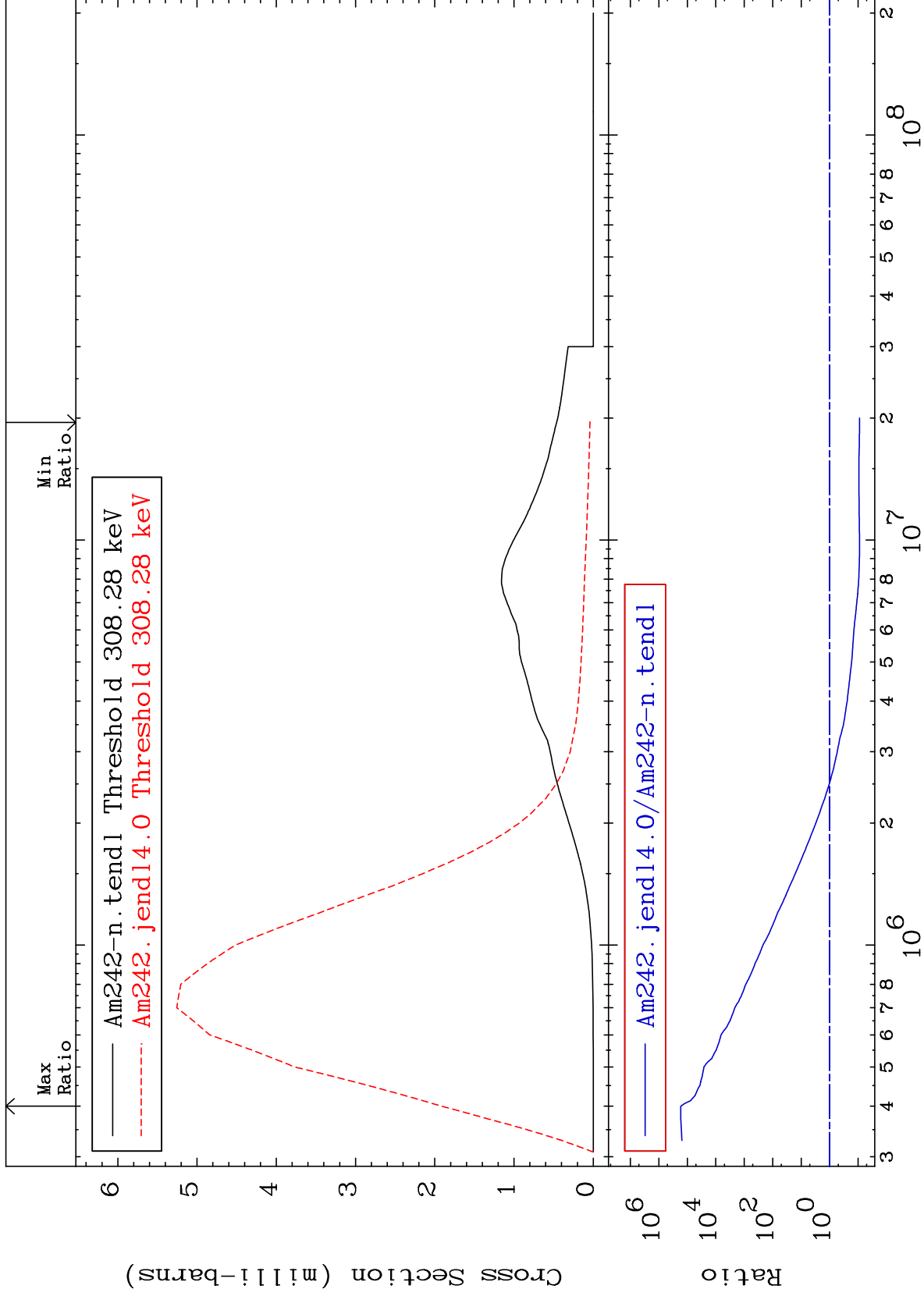
95-Am-242  
-47.09 To 9999. %



MAT 9546

307.0 keV (n,n') Level  
Cross Section

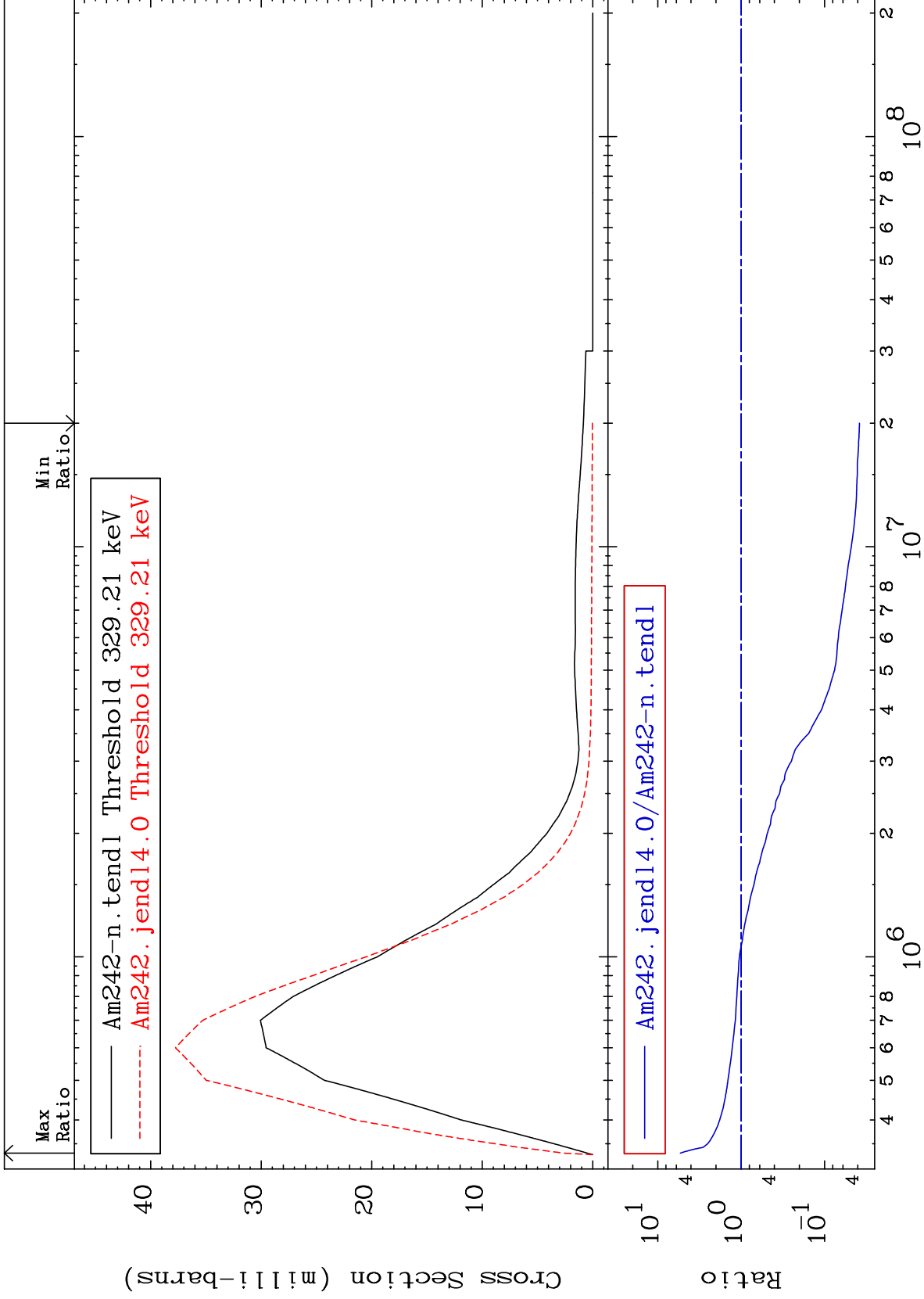
95-Am-242  
-91.08 To 9999. %



MAT 9546

327.8 keV (n,n') Level  
Cross Section

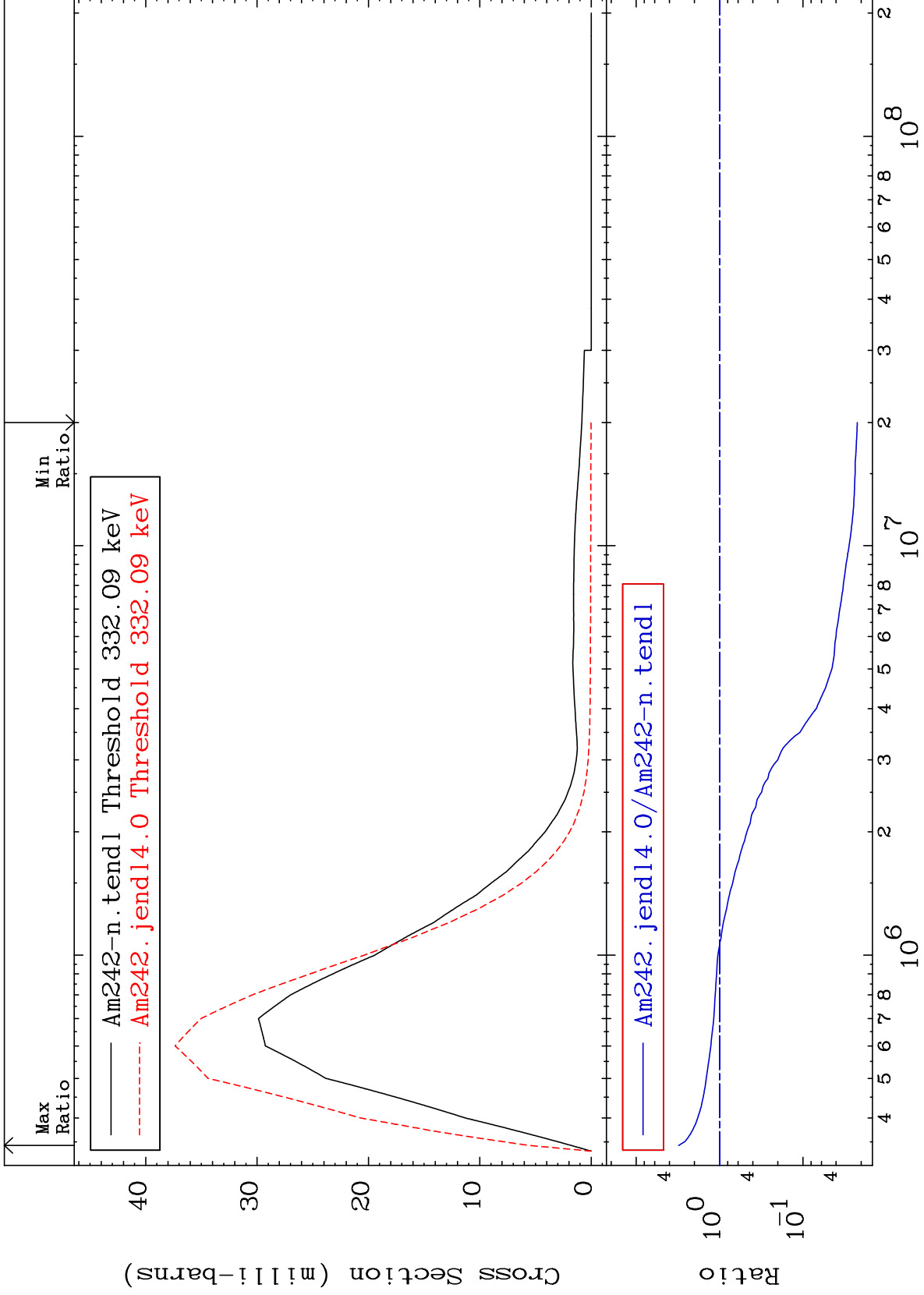
95-Am-242  
-96.18 To 436.0 %



MAT 9546

330.7 keV (n,n') Level  
Cross Section

95-Am-242  
-97.77 To 210.0 %

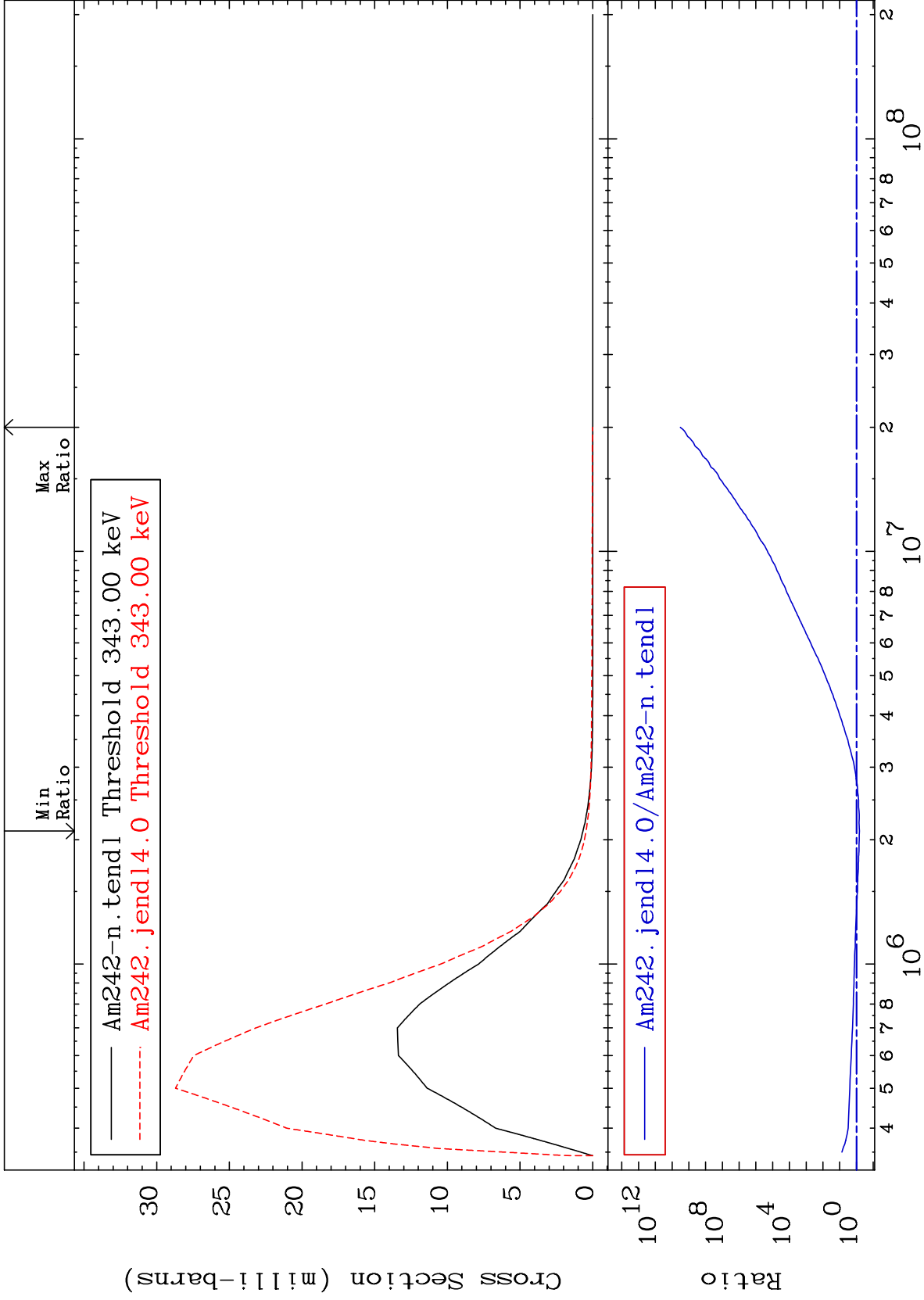




MAT 9546

341.6 keV (n,n') Level  
Cross Section

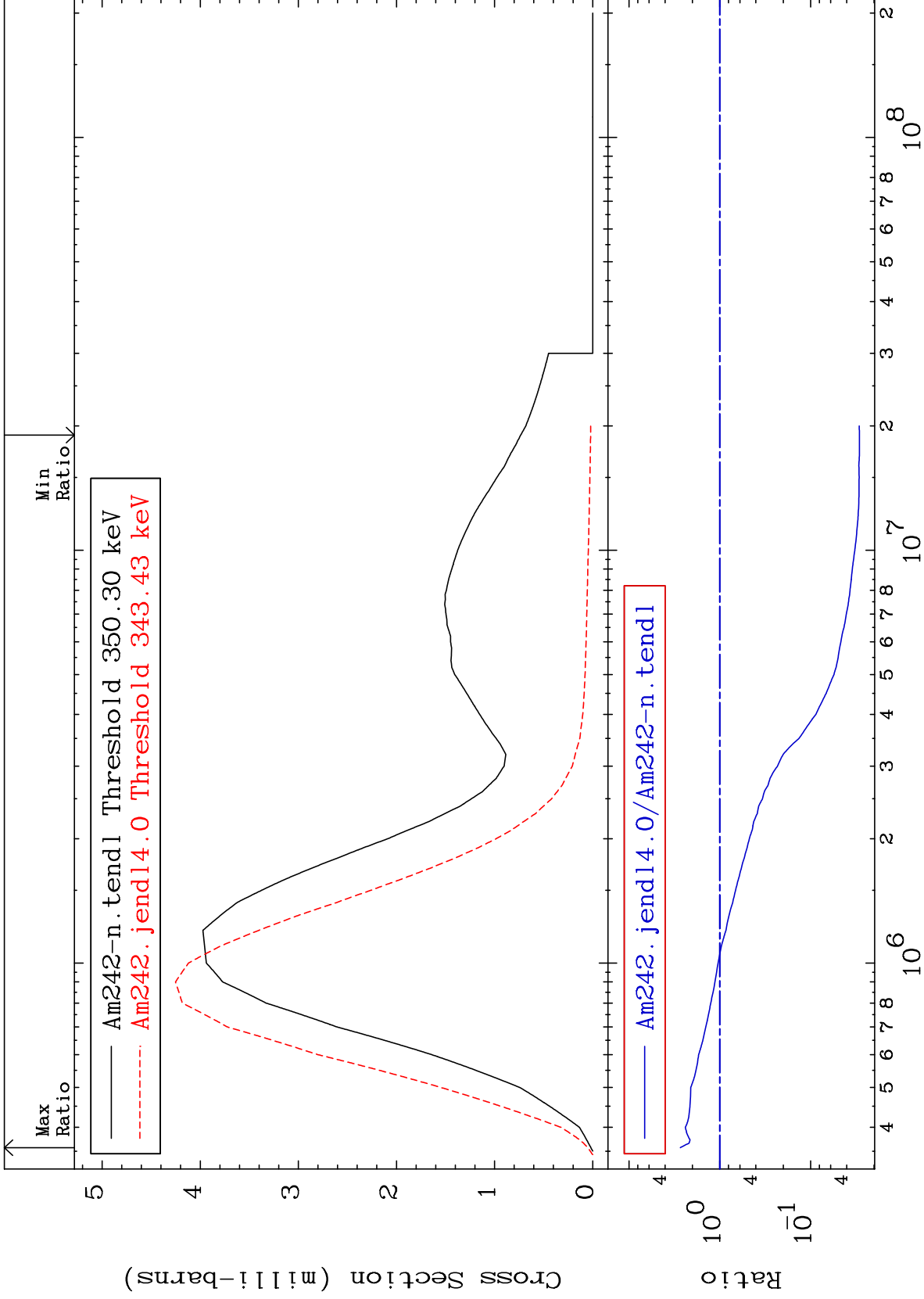
95-Am-242  
-33.47 To 9999. %



MAT 9546

348.8 keV (n,n') Level  
Cross Section

95-Am-242  
-97.11 To 171.7 %



36

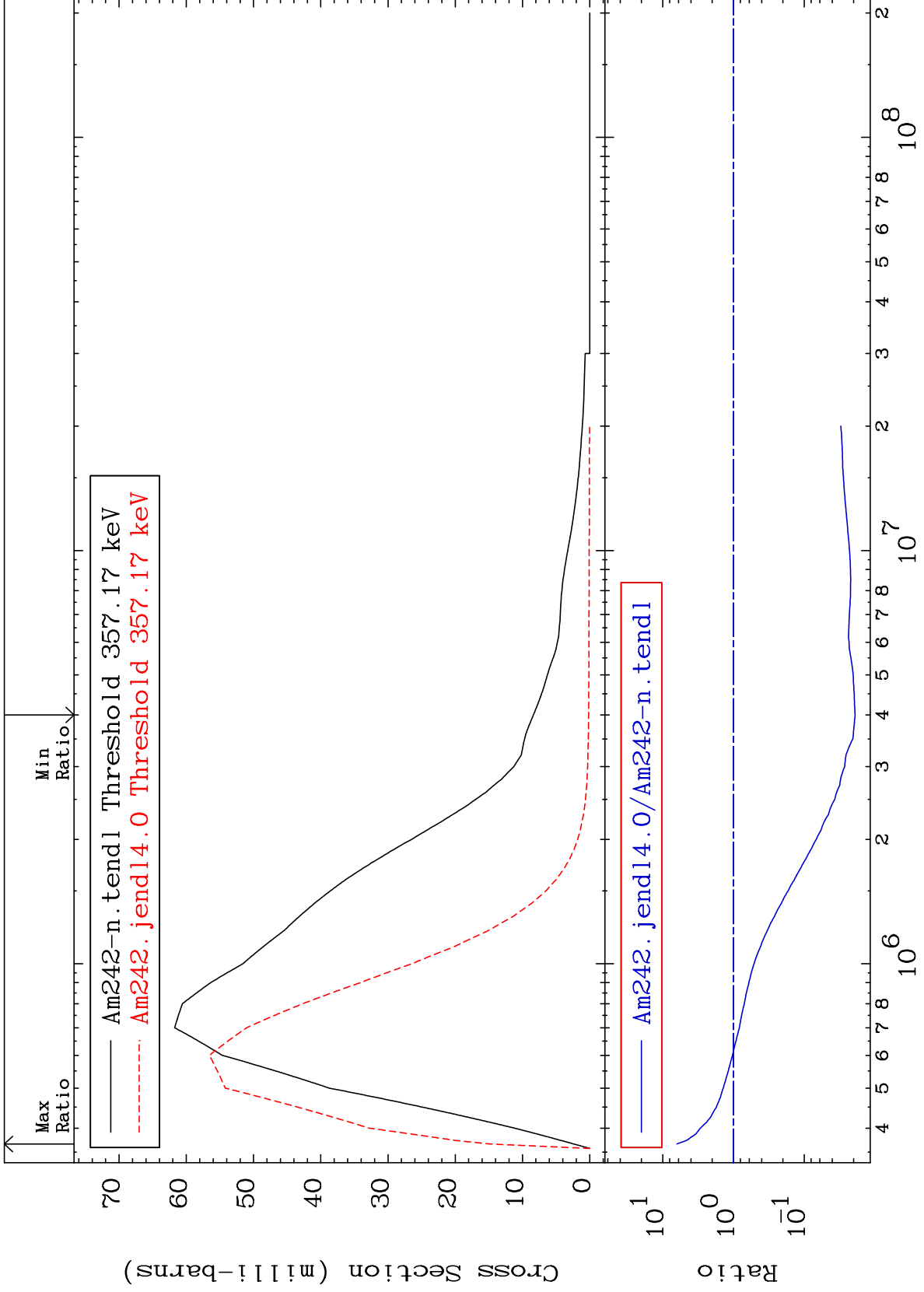
Incident Energy (eV)

95-Am-242

MAT 9546

355.7 keV (n,n') Level  
Cross Section

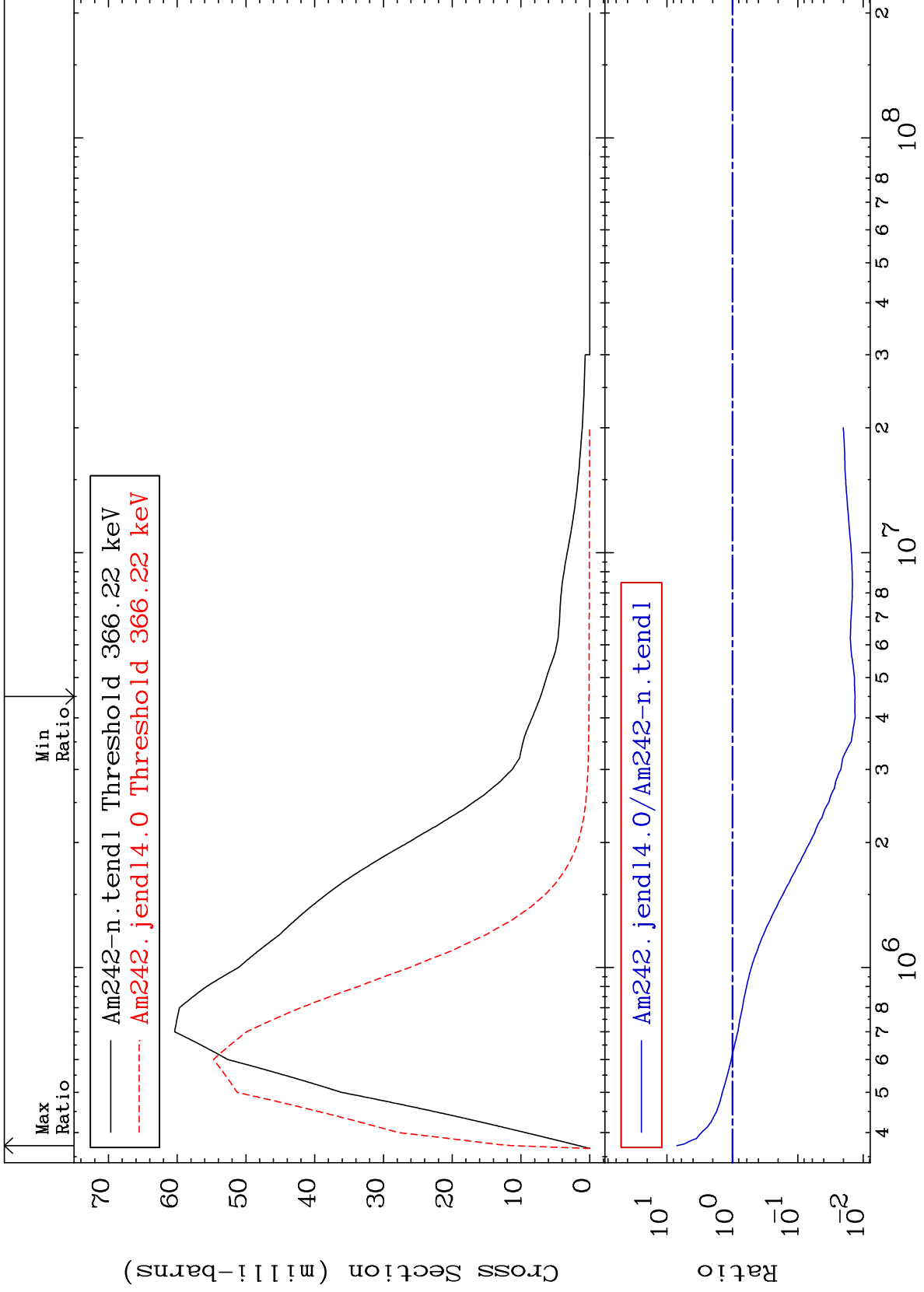
95-Am-242  
-98.09 To 530.9 %



MAT 9546

364.7 keV (n,n') Level  
Cross Section

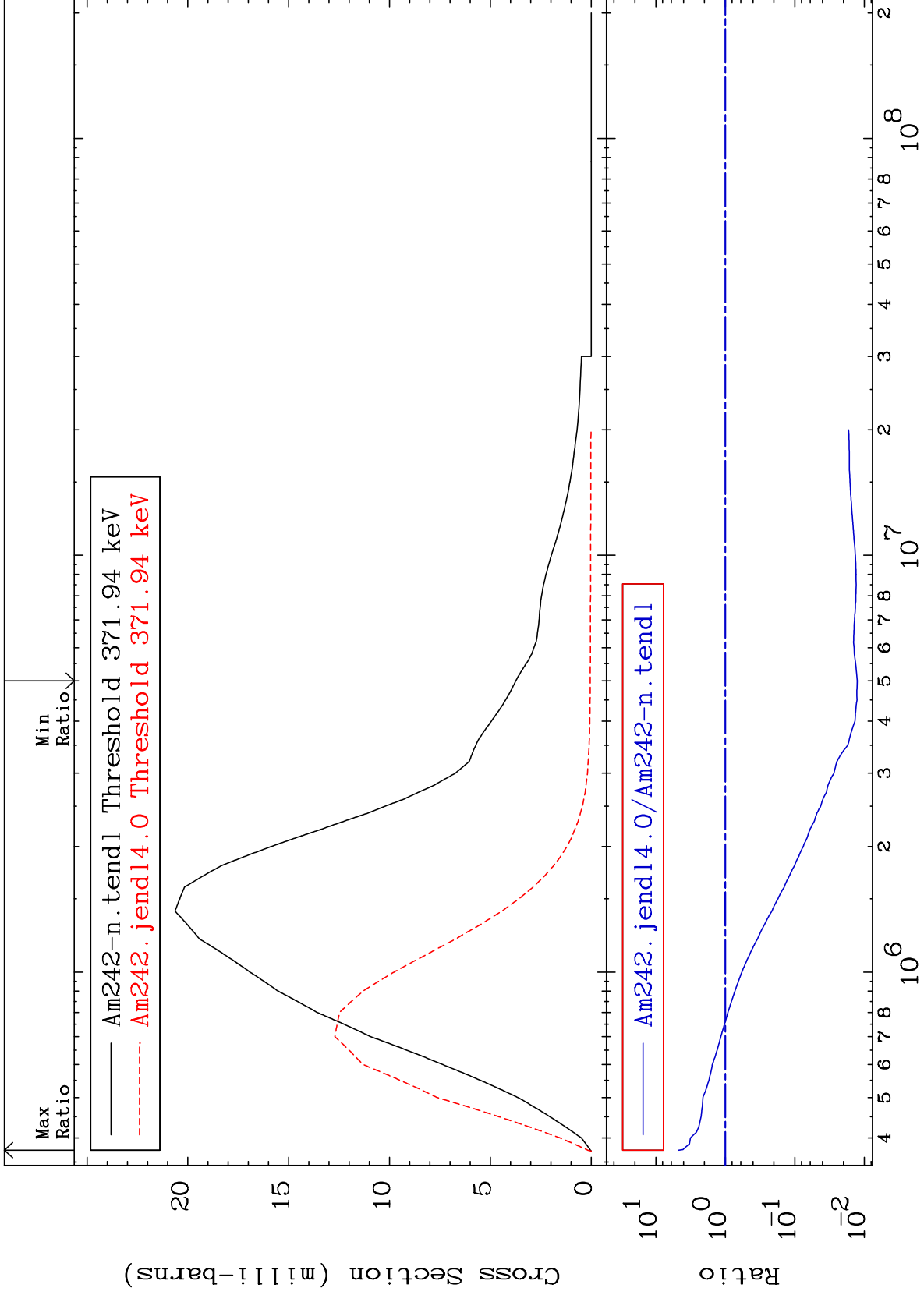
95-Am-242  
-98.67 To 604.6 %



MAT 9546

370.4 keV (n,n') Level  
Cross Section

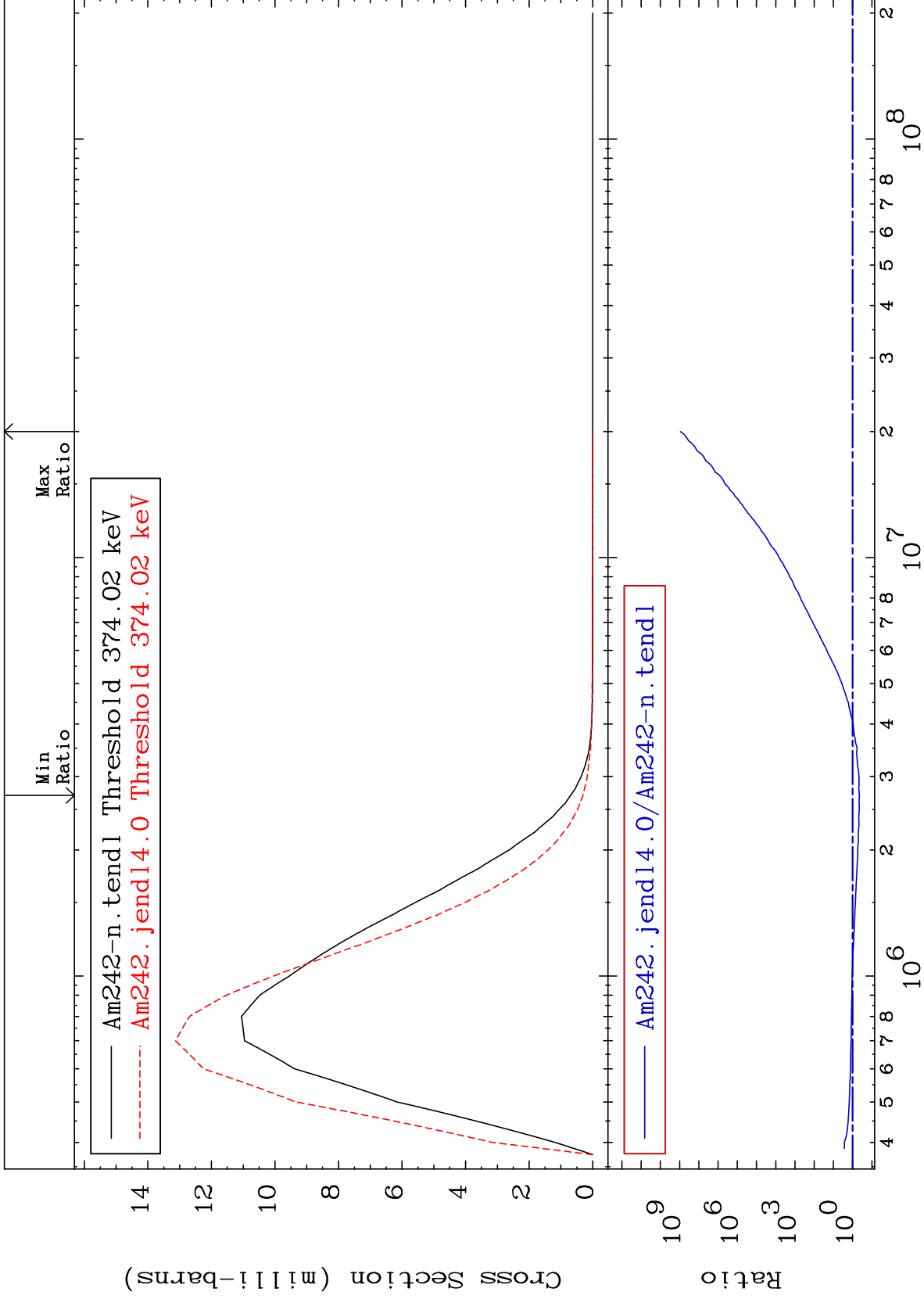
95-Am-242  
-98.73 To 369.7 %



MAT 9546

372.5 keV (n,n') Level  
Cross Section

95-Am-242  
-55.78 To 9999. %



40

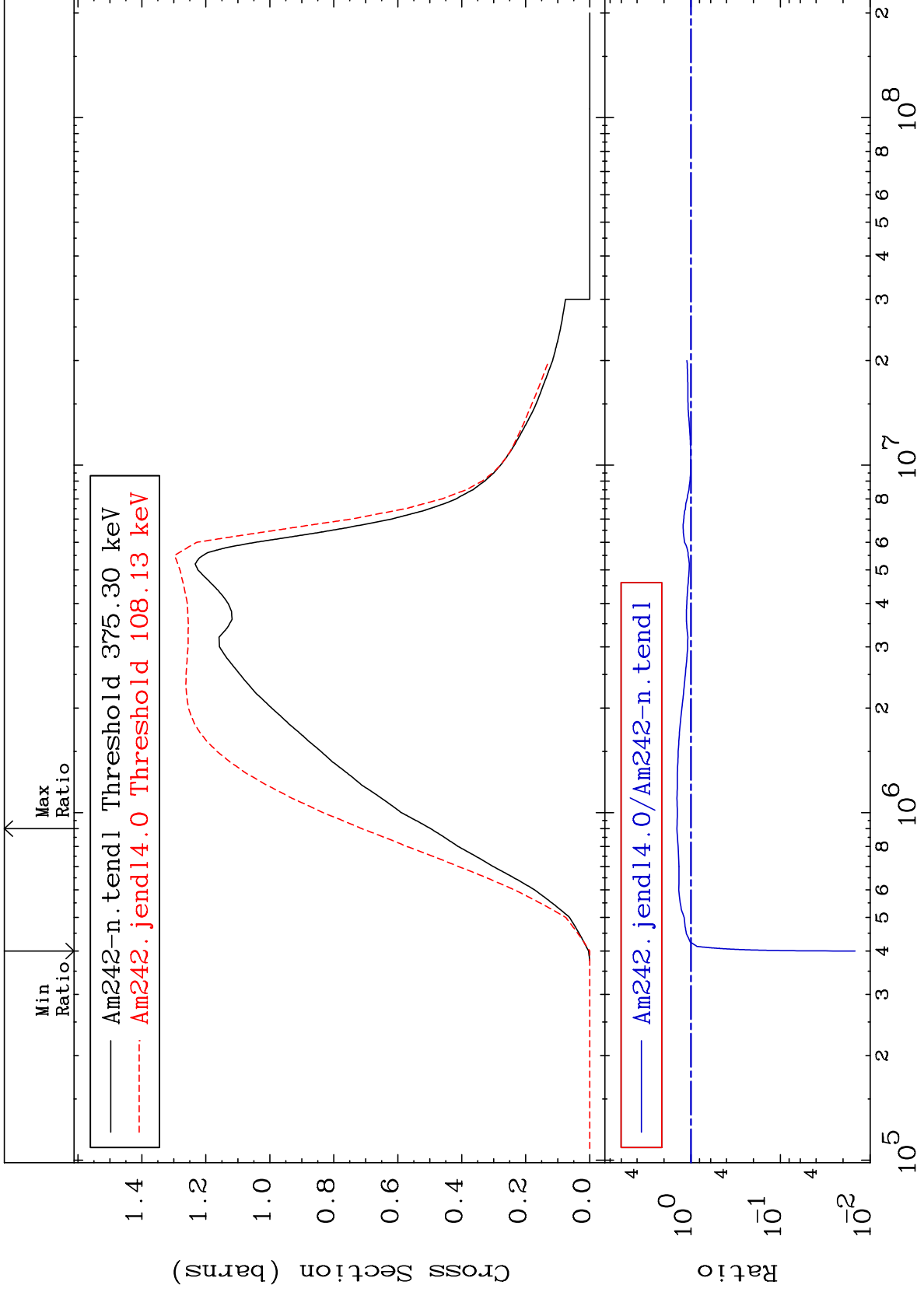
Incident Energy (eV)

95-Am-242

MAT 9546

(n, n') Continuum  
Cross Section

95-Am-242  
-98.53 To 43.24 %



41

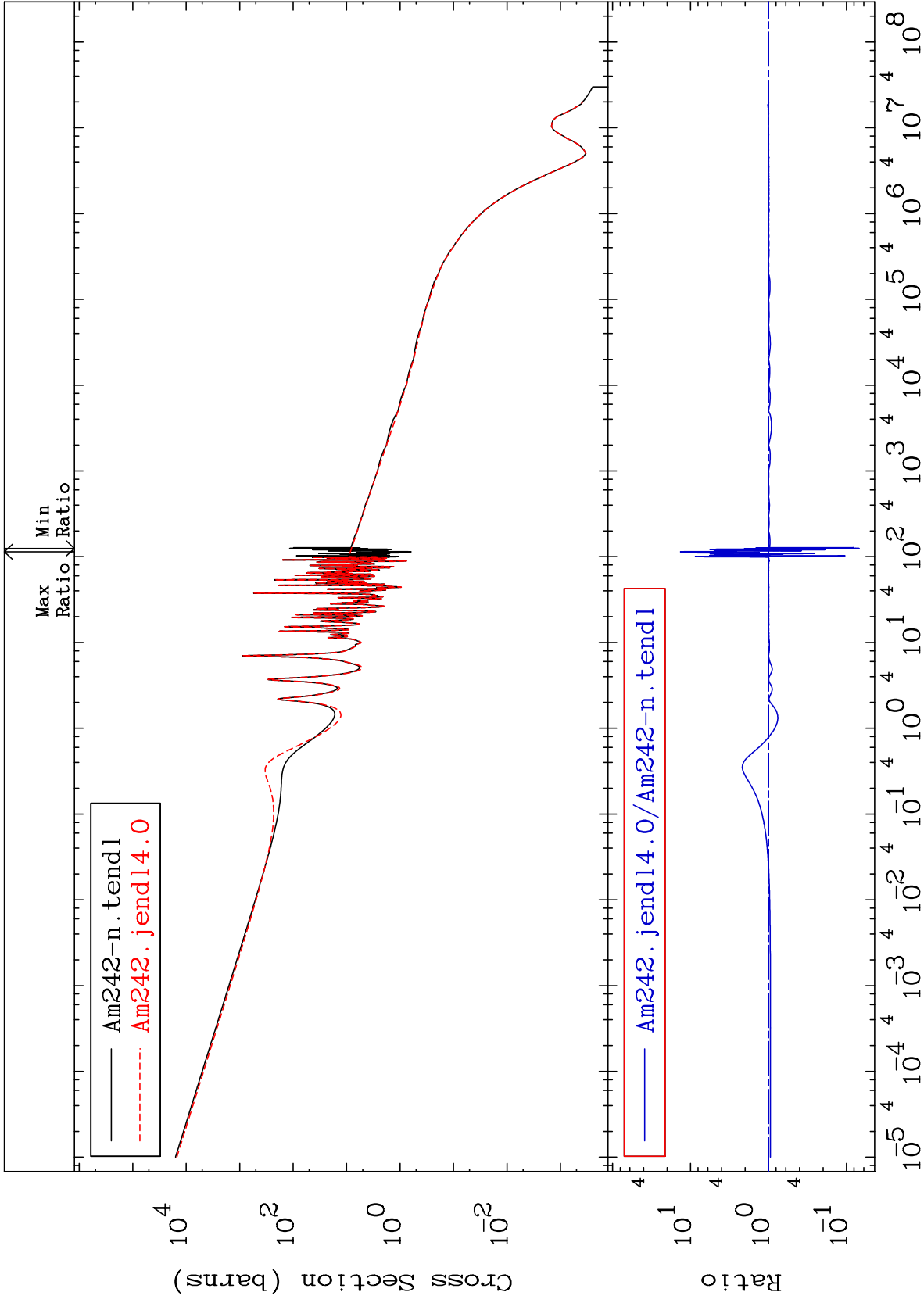
Incident Energy (eV)

95-Am-242

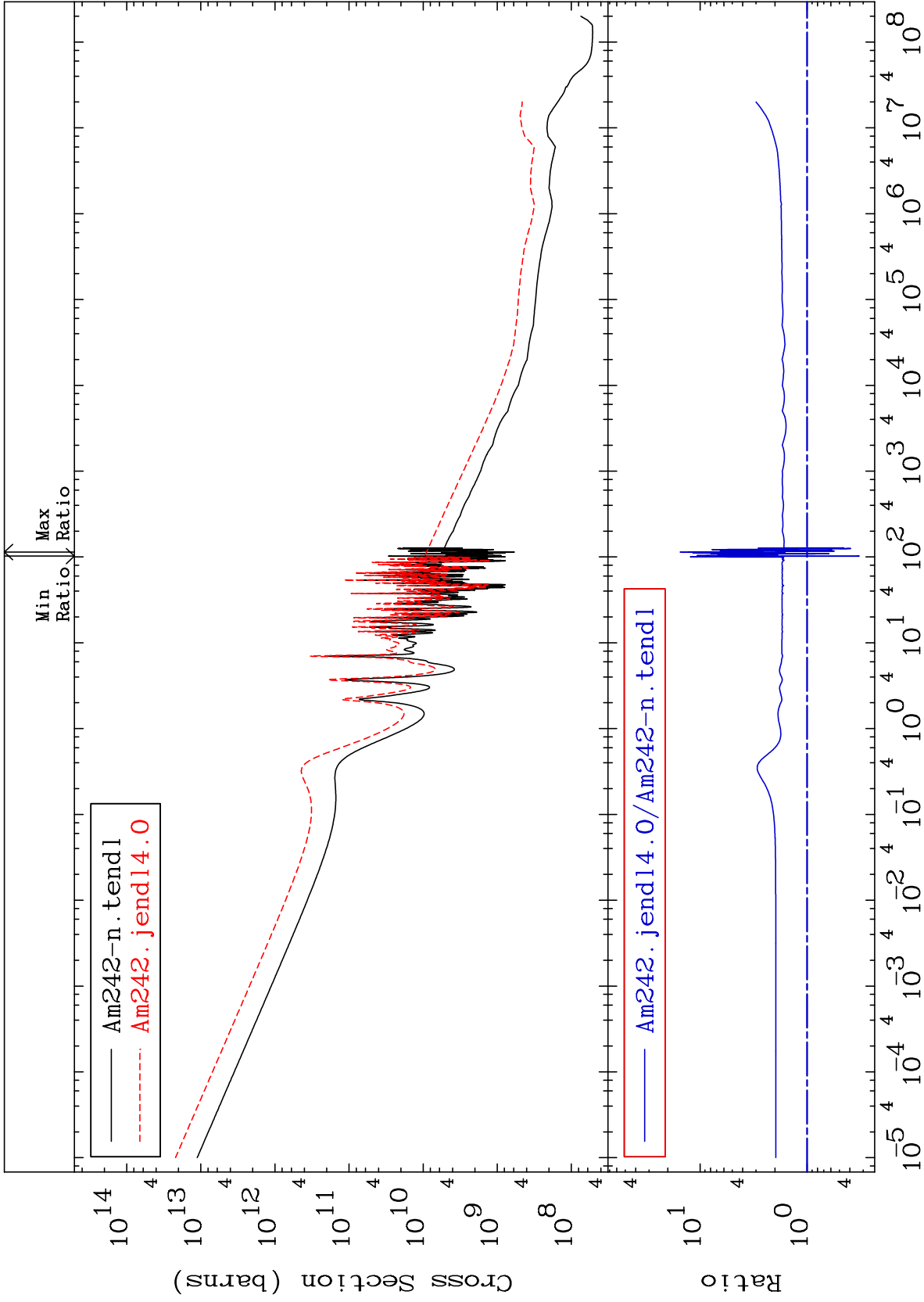
MAT 9546

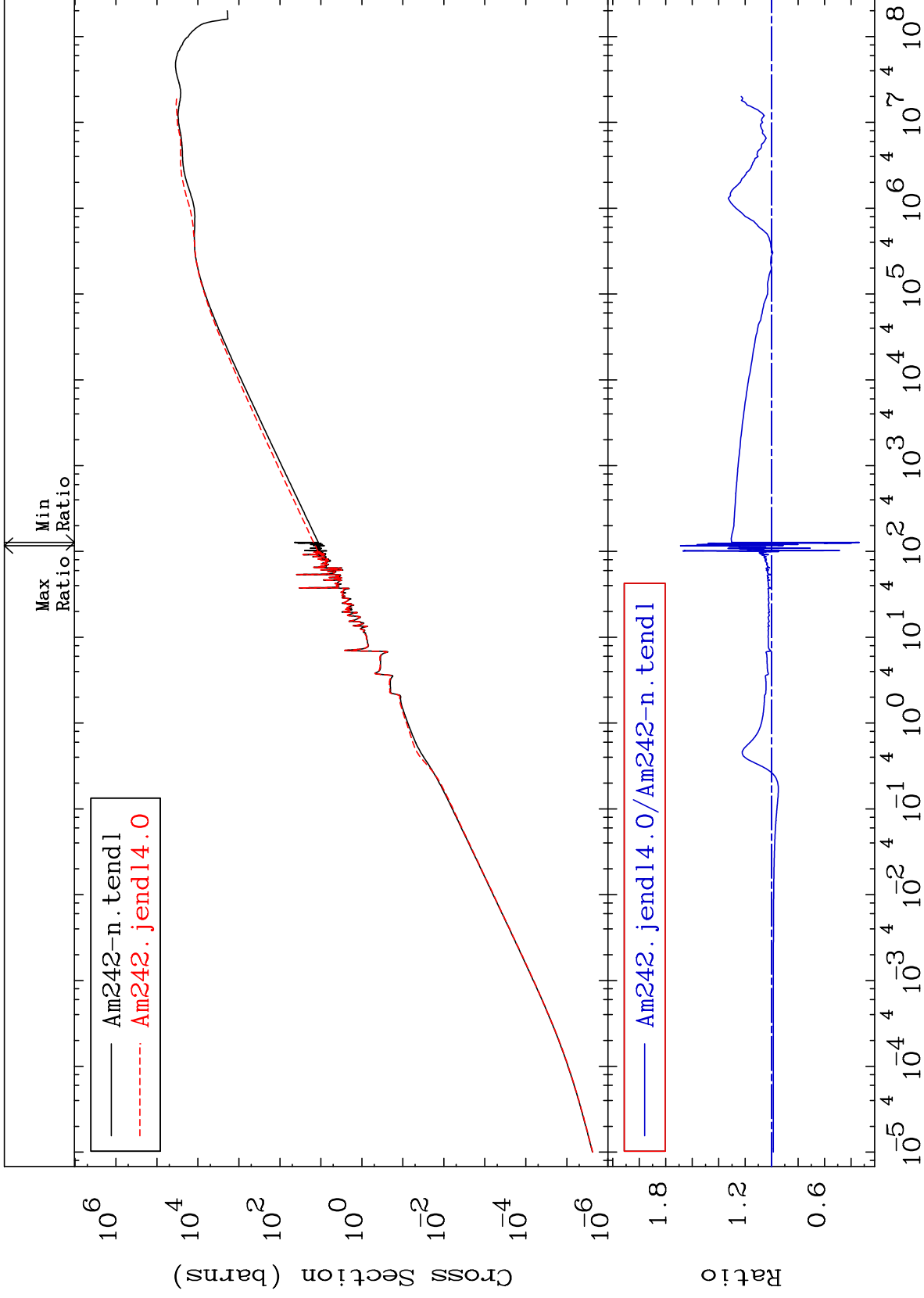
(n,  $\gamma$ )  
Cross Section

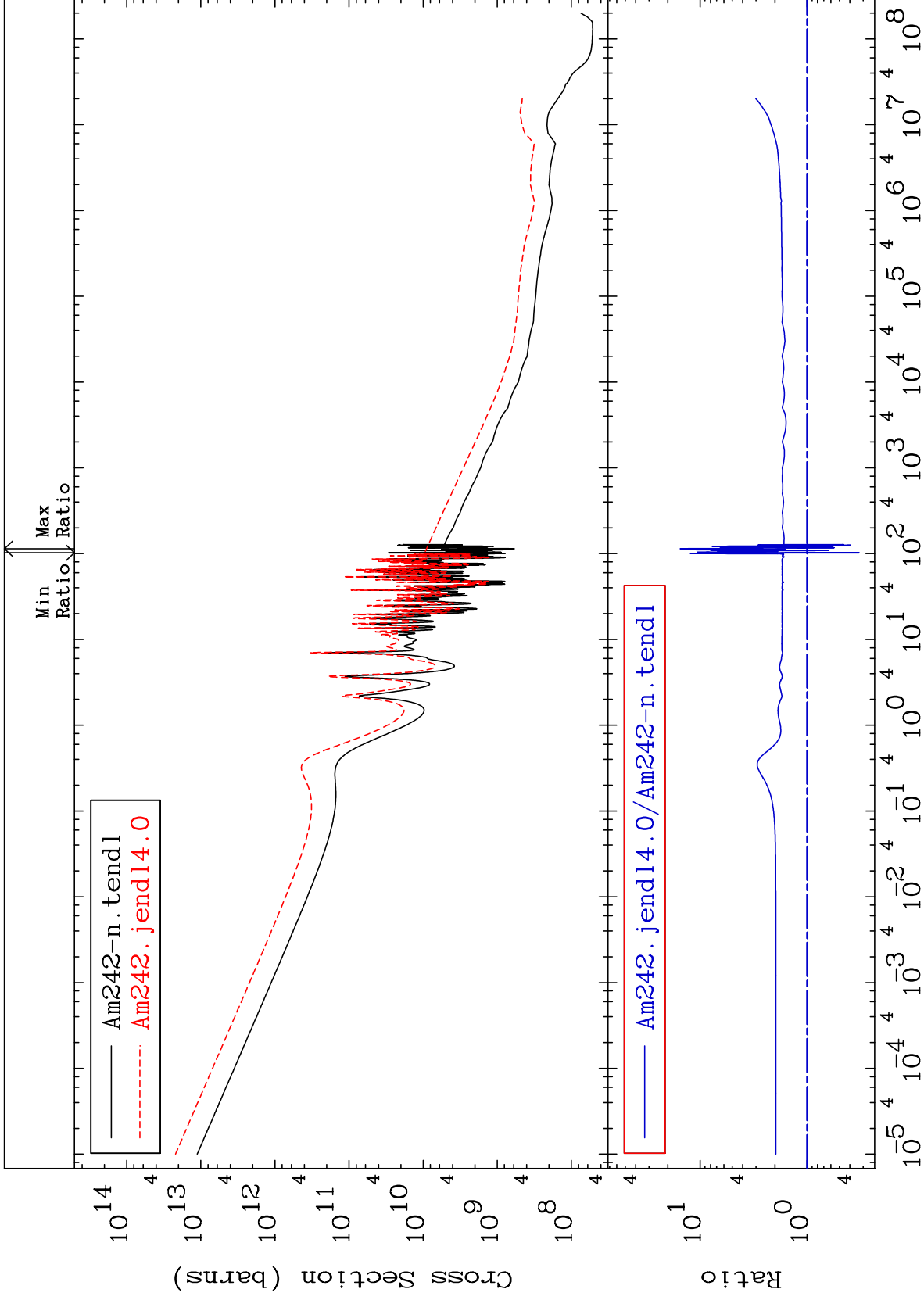
95-Am-242  
-93.17 To 1252. %

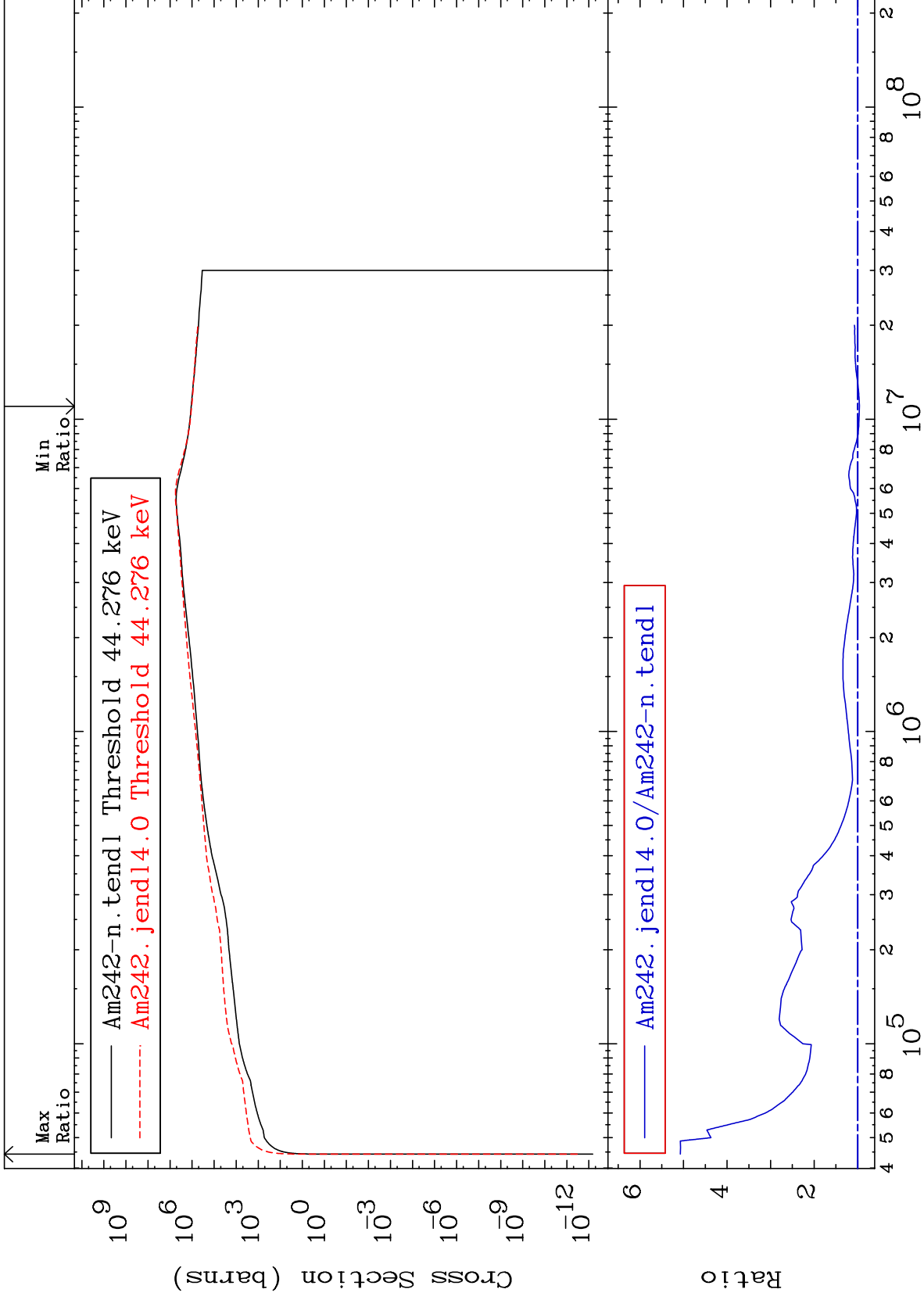








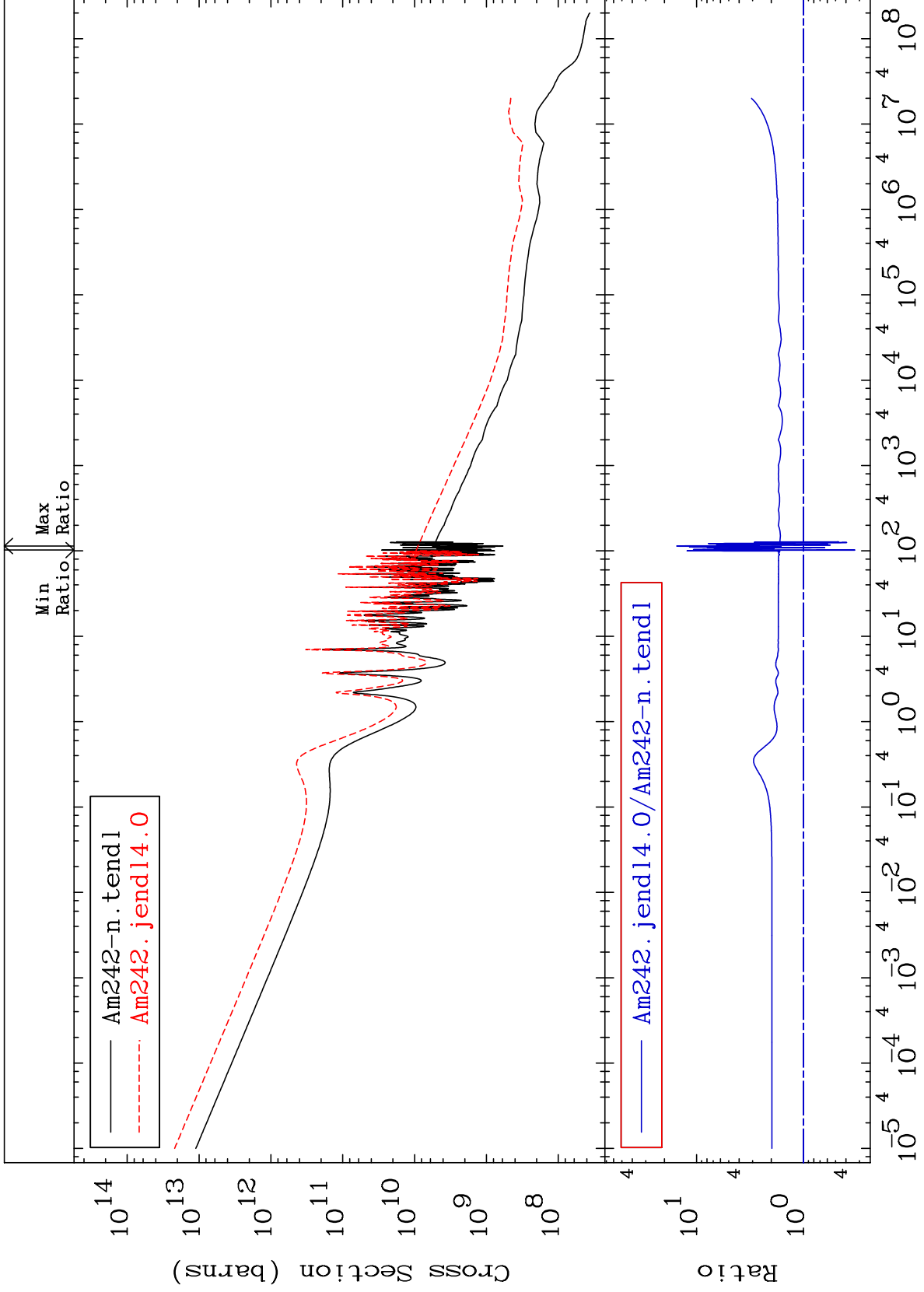


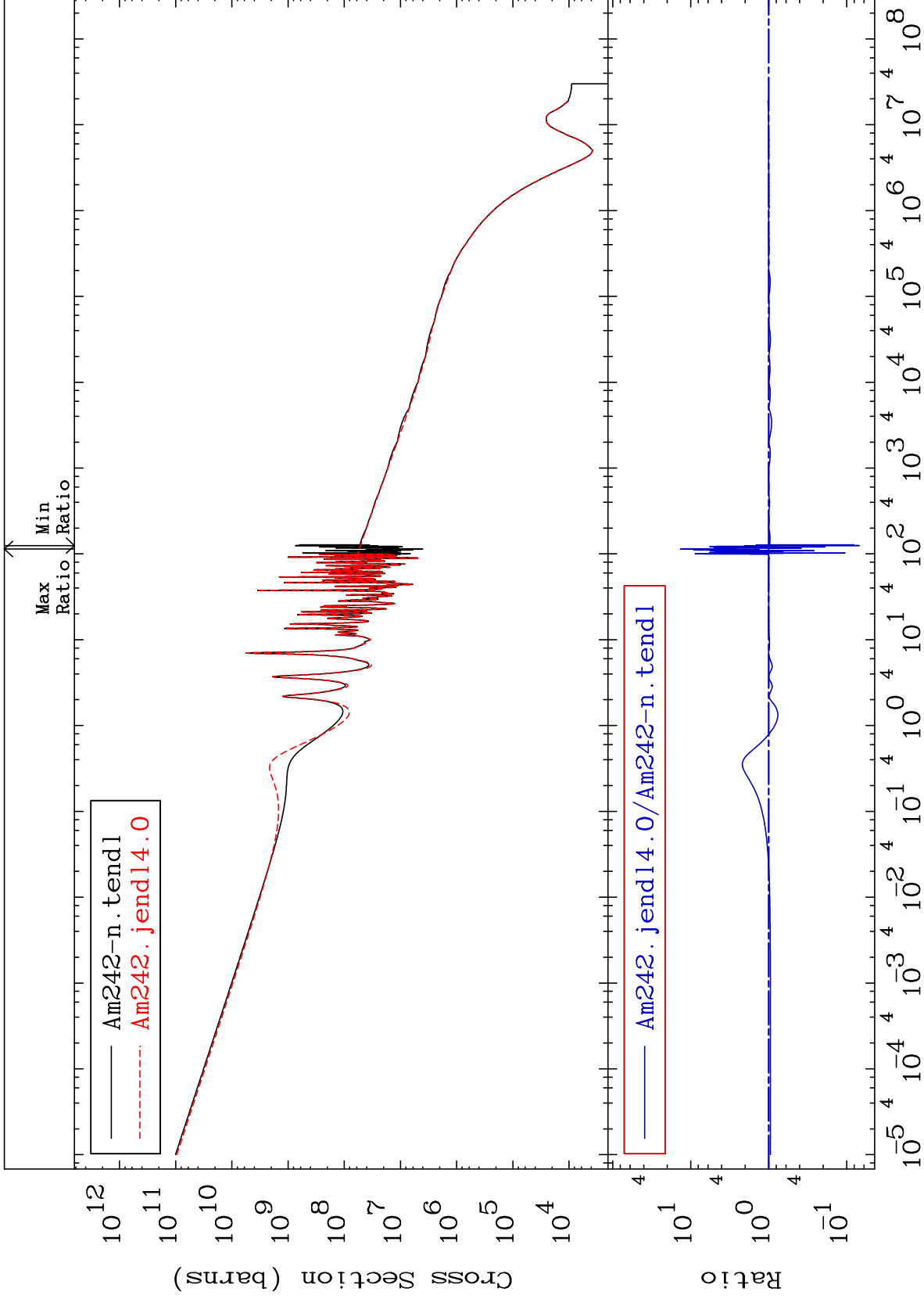


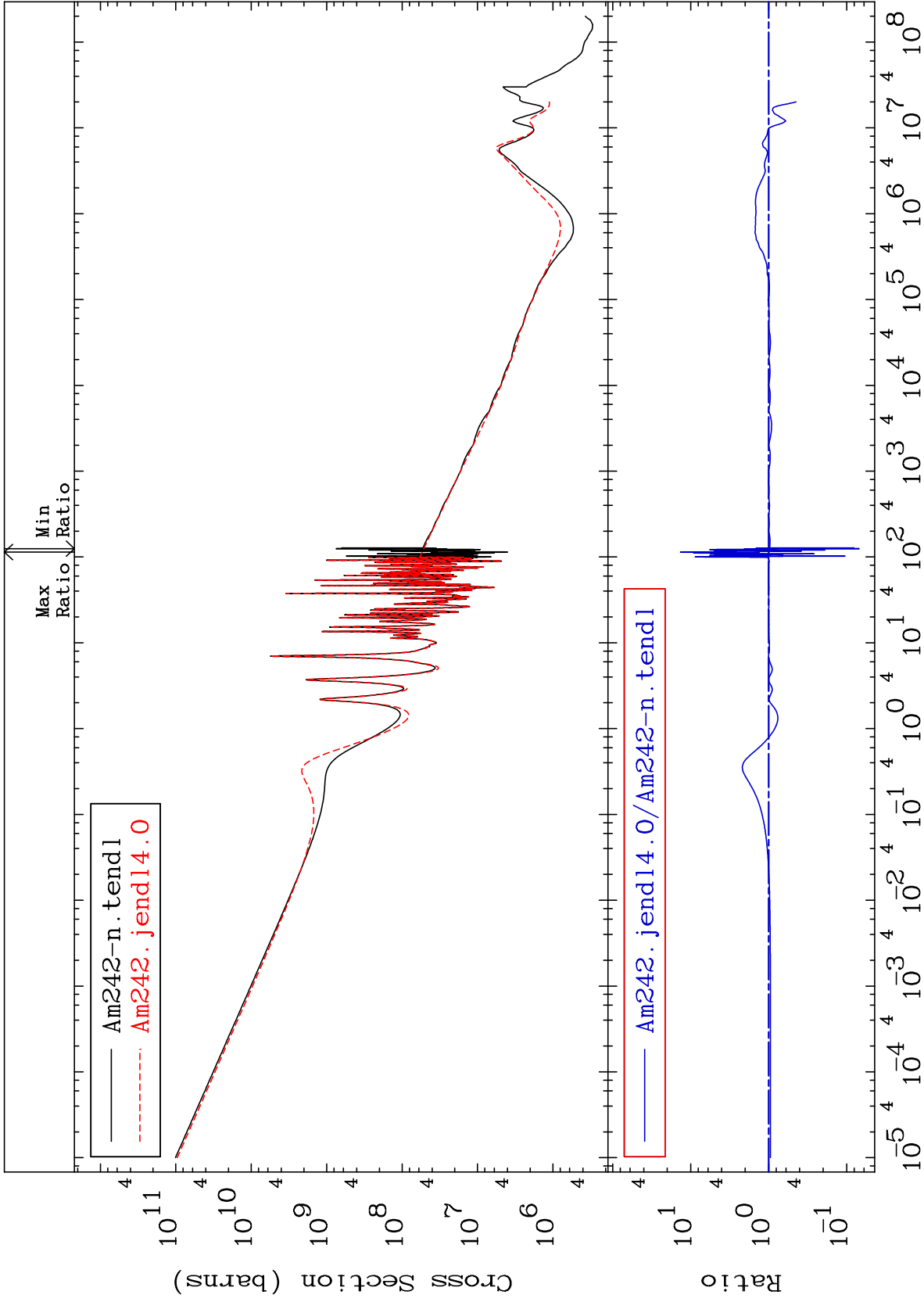
MAT 9546

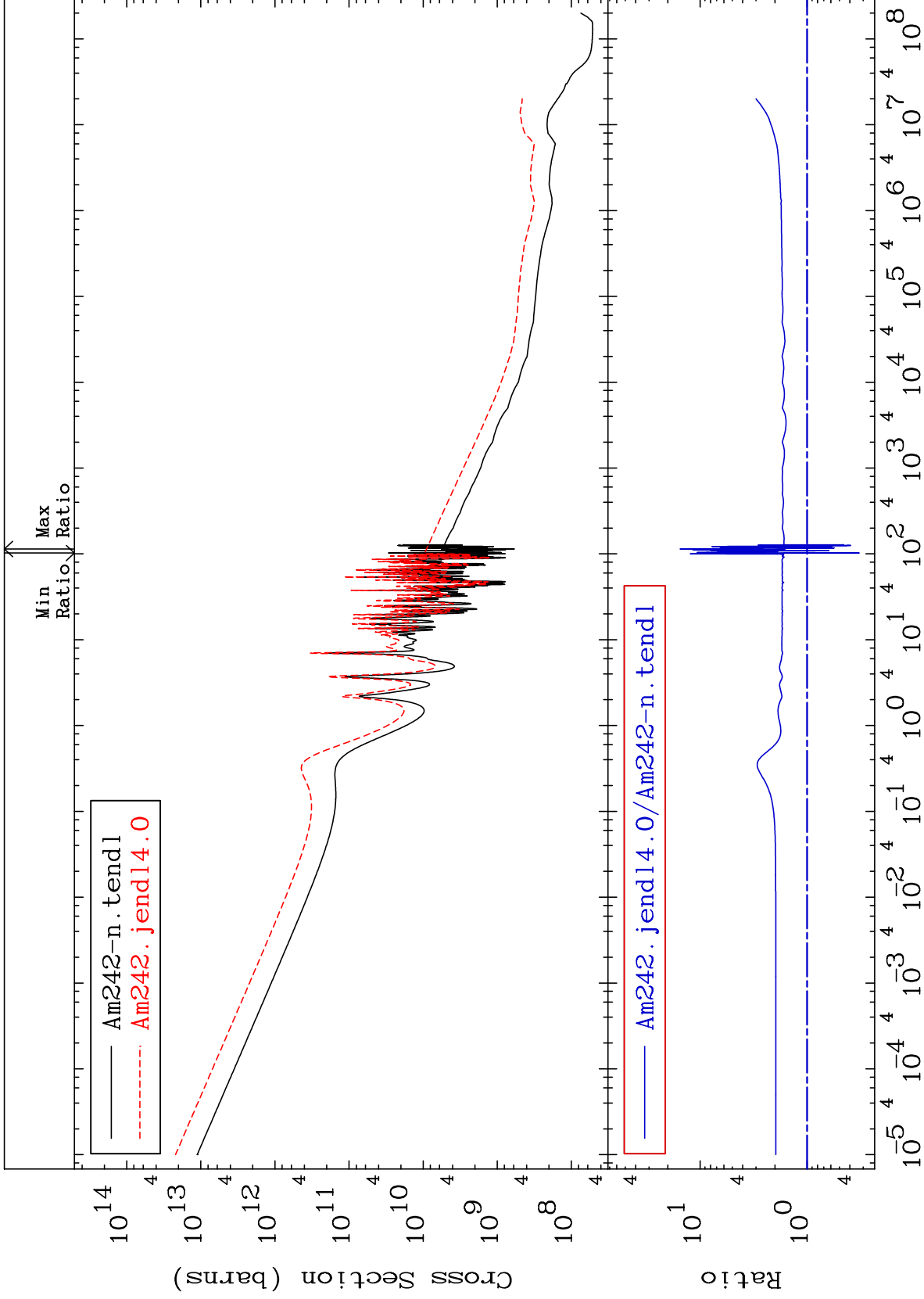
Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

95-Am-242  
-67.09 To 1430. %







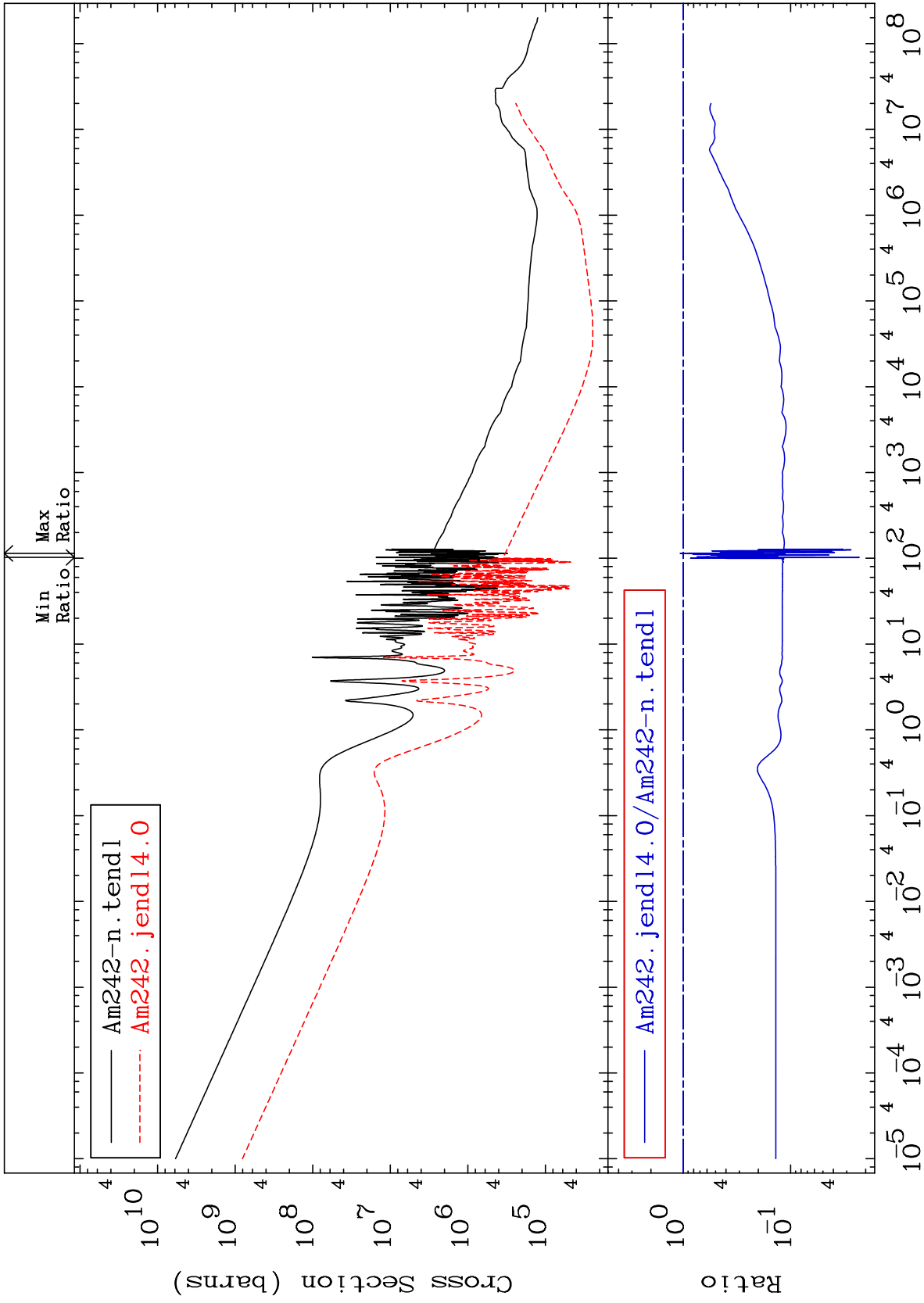




MAT 9546

Dpa total (eV-barns)  
Cross Section

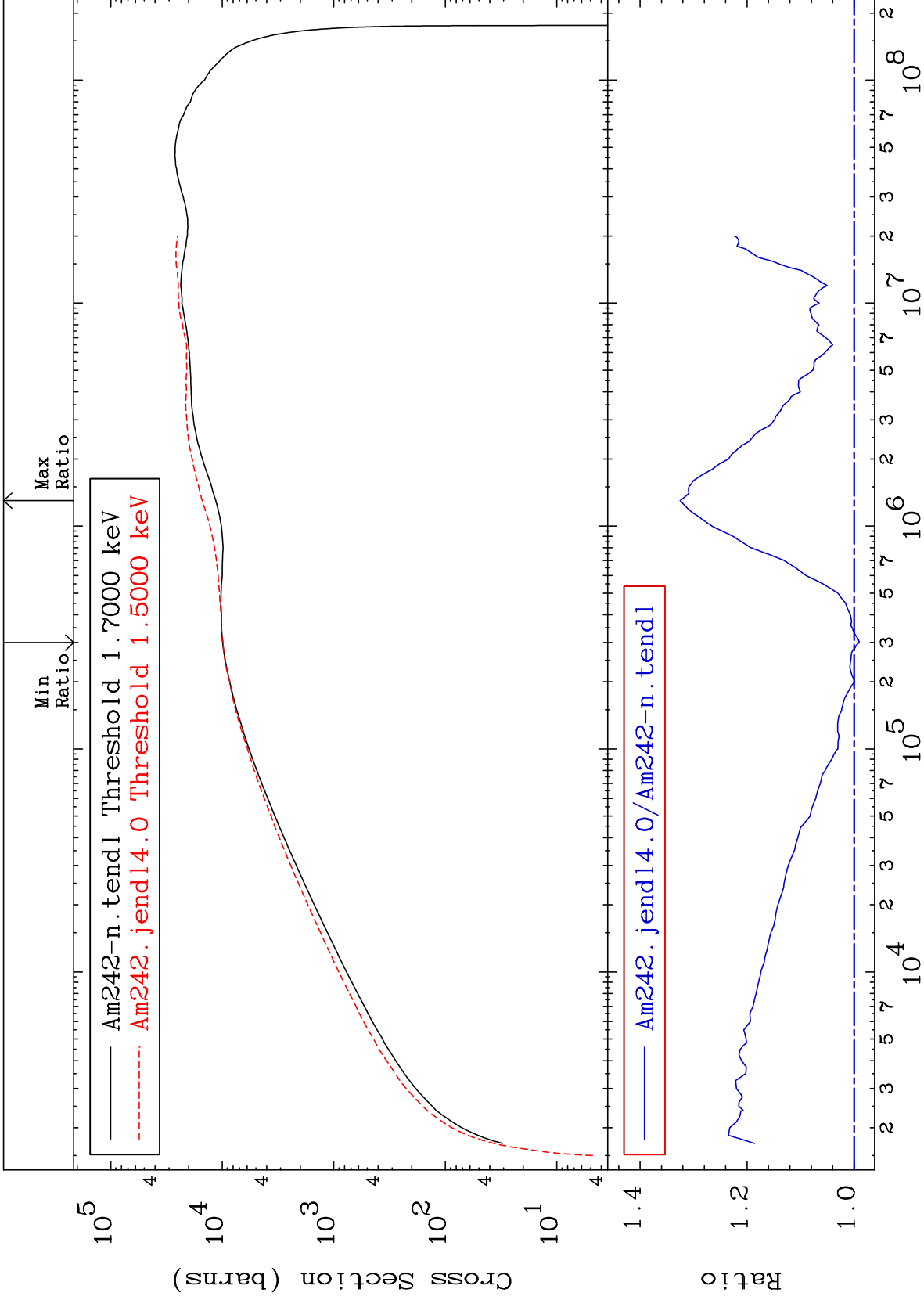
95-Am-242  
-97.71 To 6.308 %



MAT 9546

Dpa elastic (mt2)  
Cross Section

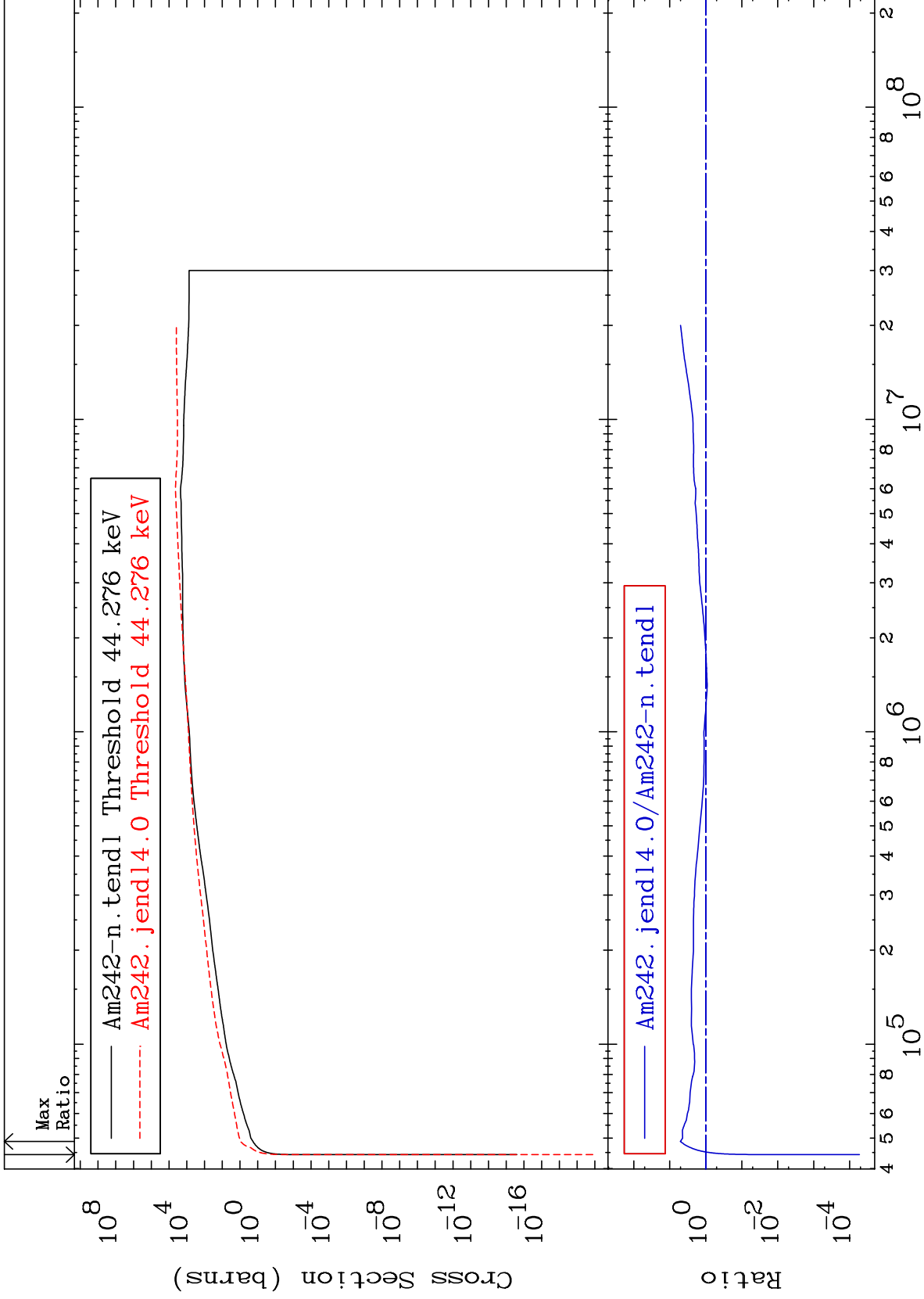
95-Am-242  
-0.991 To 32.51 %



MAT 9546

Dpa inelastic (mt51-91)  
Cross Section

95-Am-242  
-99.99 To 407.3 %



MAT 9546

Dpa disappearance (mt102 -120)  
Cross Section

95-Am-242  
-100.0 To 824.2 %

