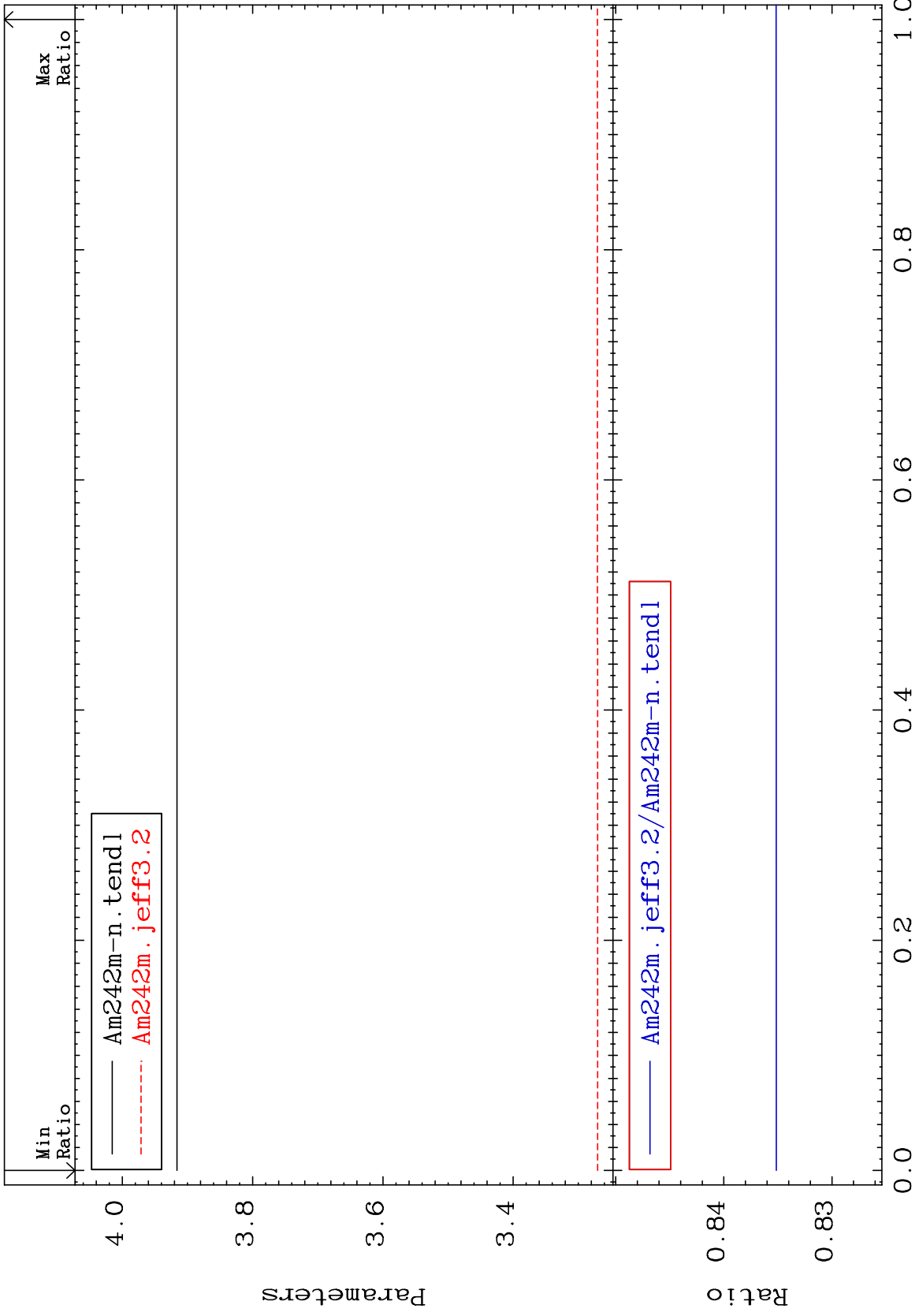


MAT 9547

Total  $\bar{\nu}$   
Parameters

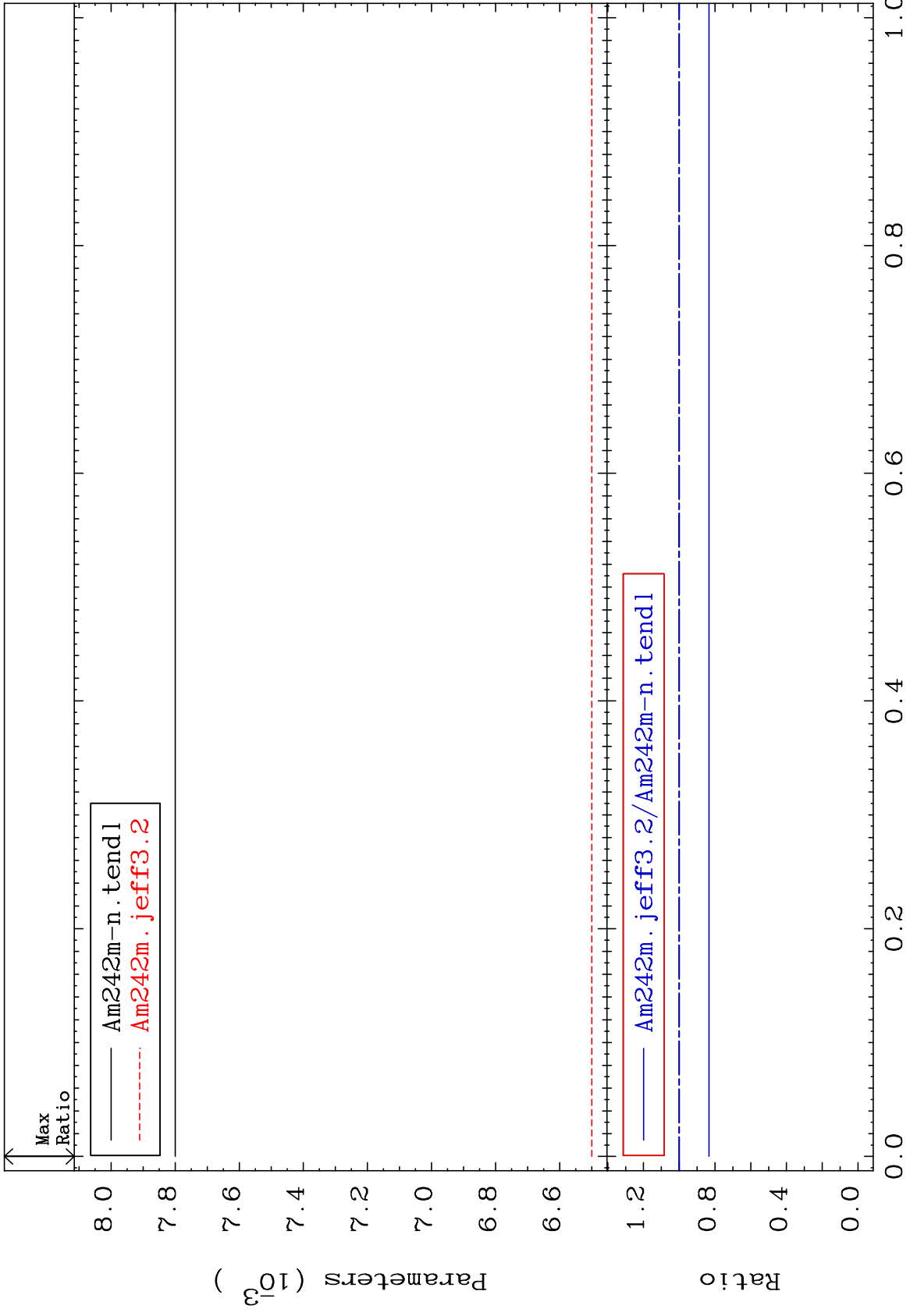
95-Am-242  
-16.49 To -16.48%



MAT 9547

Delayed  $\bar{\nu}$   
Parameters

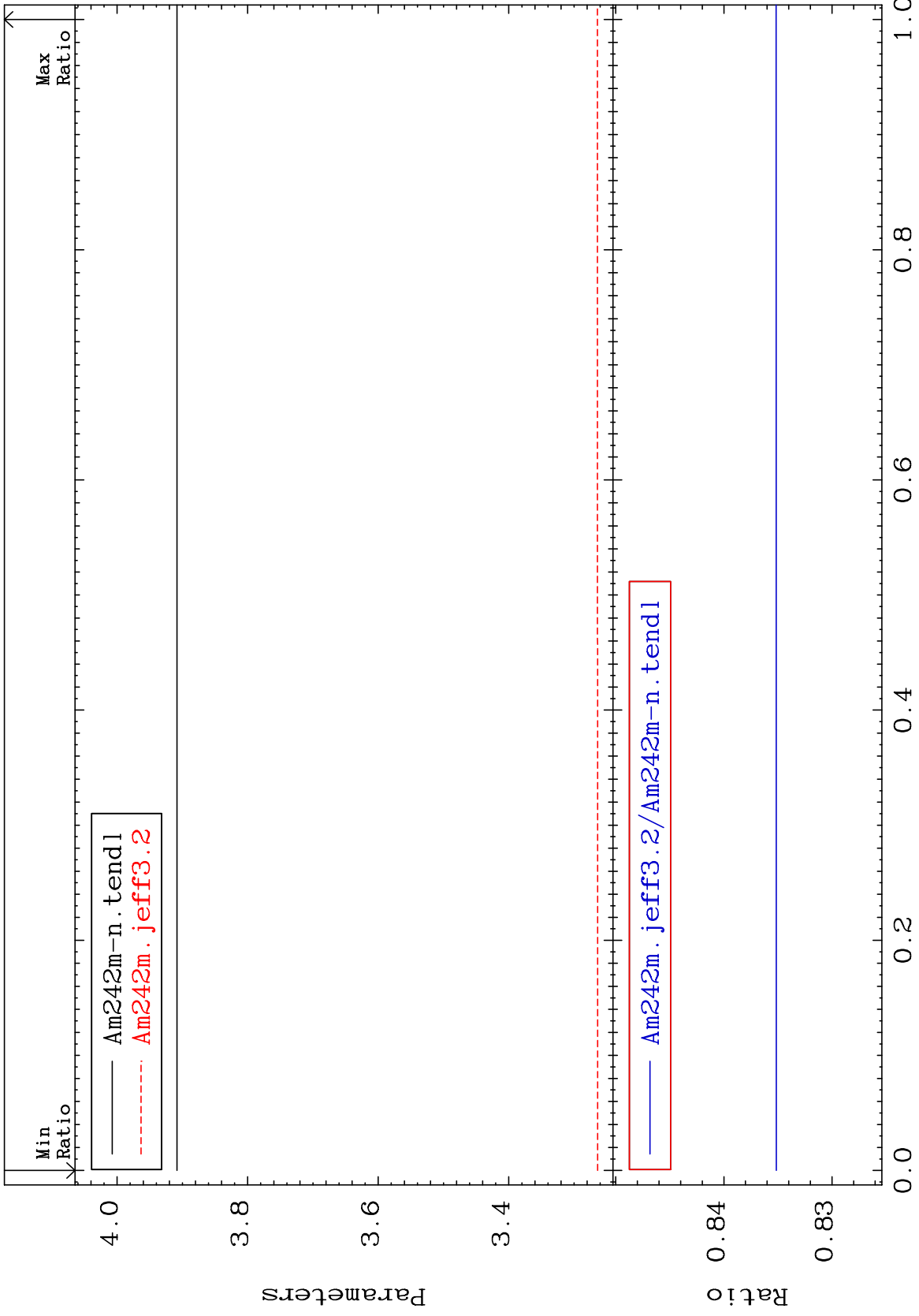
95-Am-242  
-16.67 To -16.67%



MAT 9547

Prompt  $\bar{\nu}$   
Parameters

95-Am-242  
-16.48 To -16.48%



3

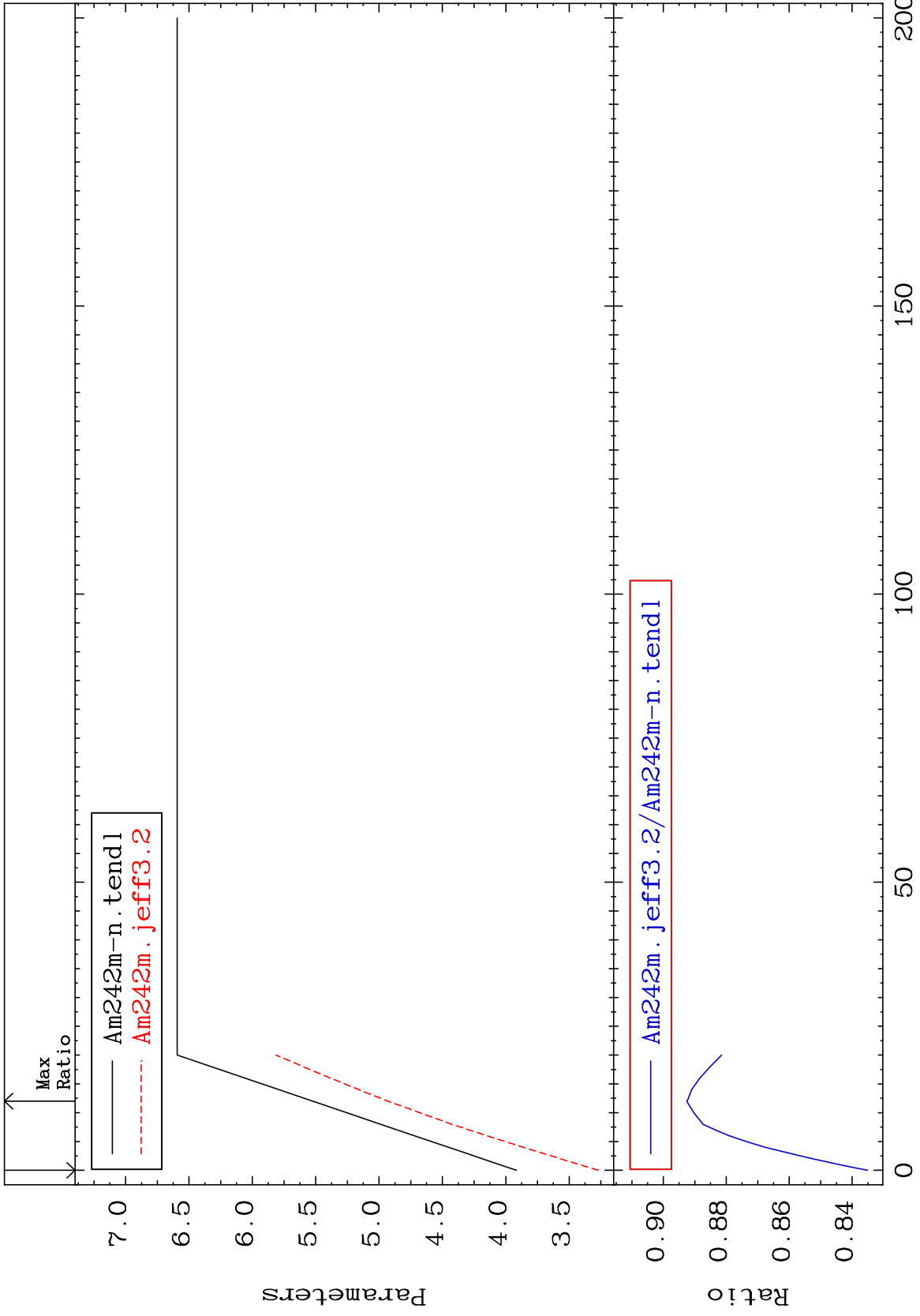
Incident Energy (KeV)

95-Am-242

MAT 9547

Total  $\bar{\nu}$   
Parameters

95-Am-242  
-16.49 To -10.74%



1

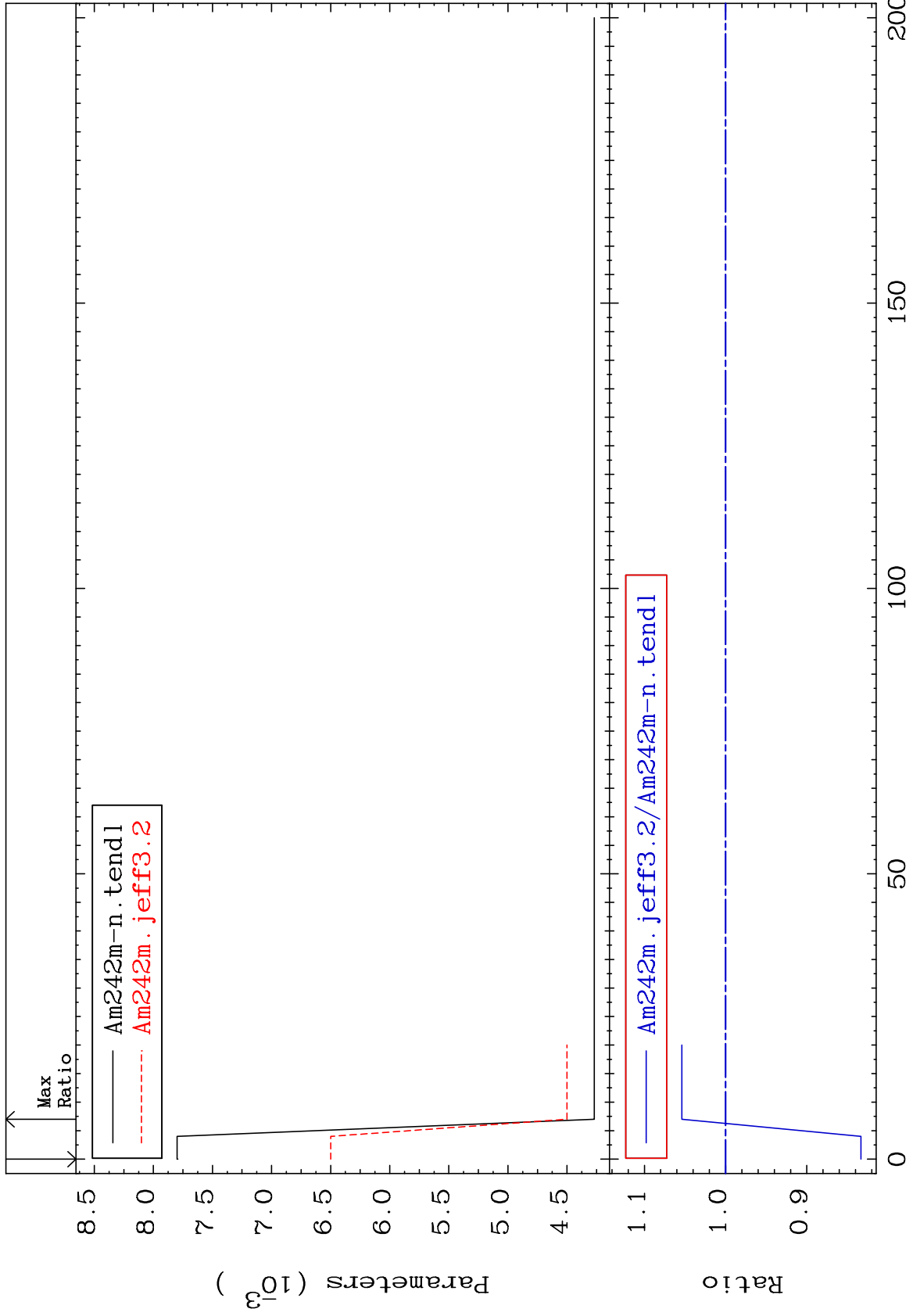
Incident Energy (MeV)

95-Am-242

MAT 9547

Delayed  $\bar{\nu}$   
Parameters

95-Am-242  
-16.67 To 5.386 %



2

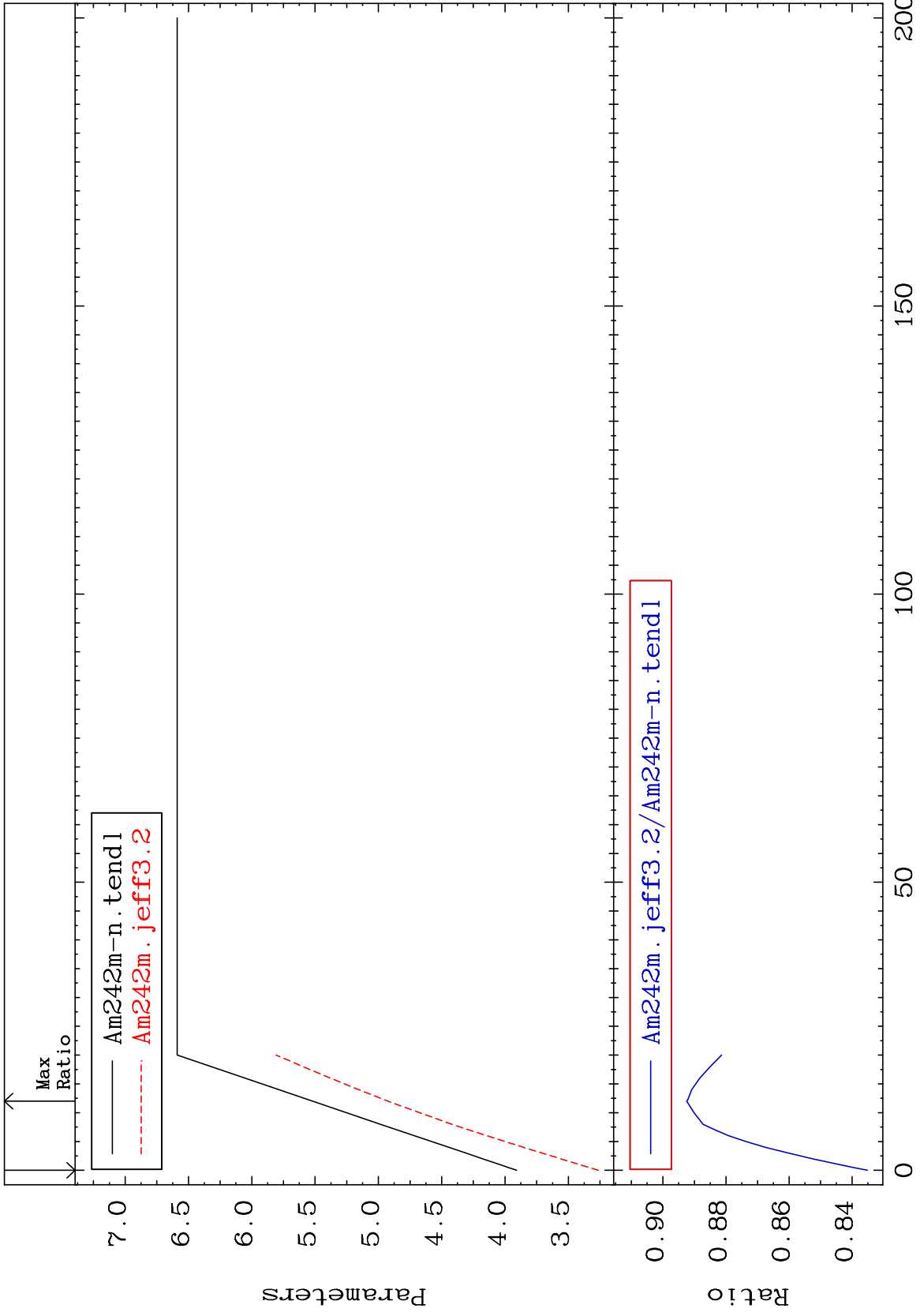
Incident Energy (MeV)

95-Am-242

MAT 9547

Prompt  $\bar{\nu}$   
Parameters

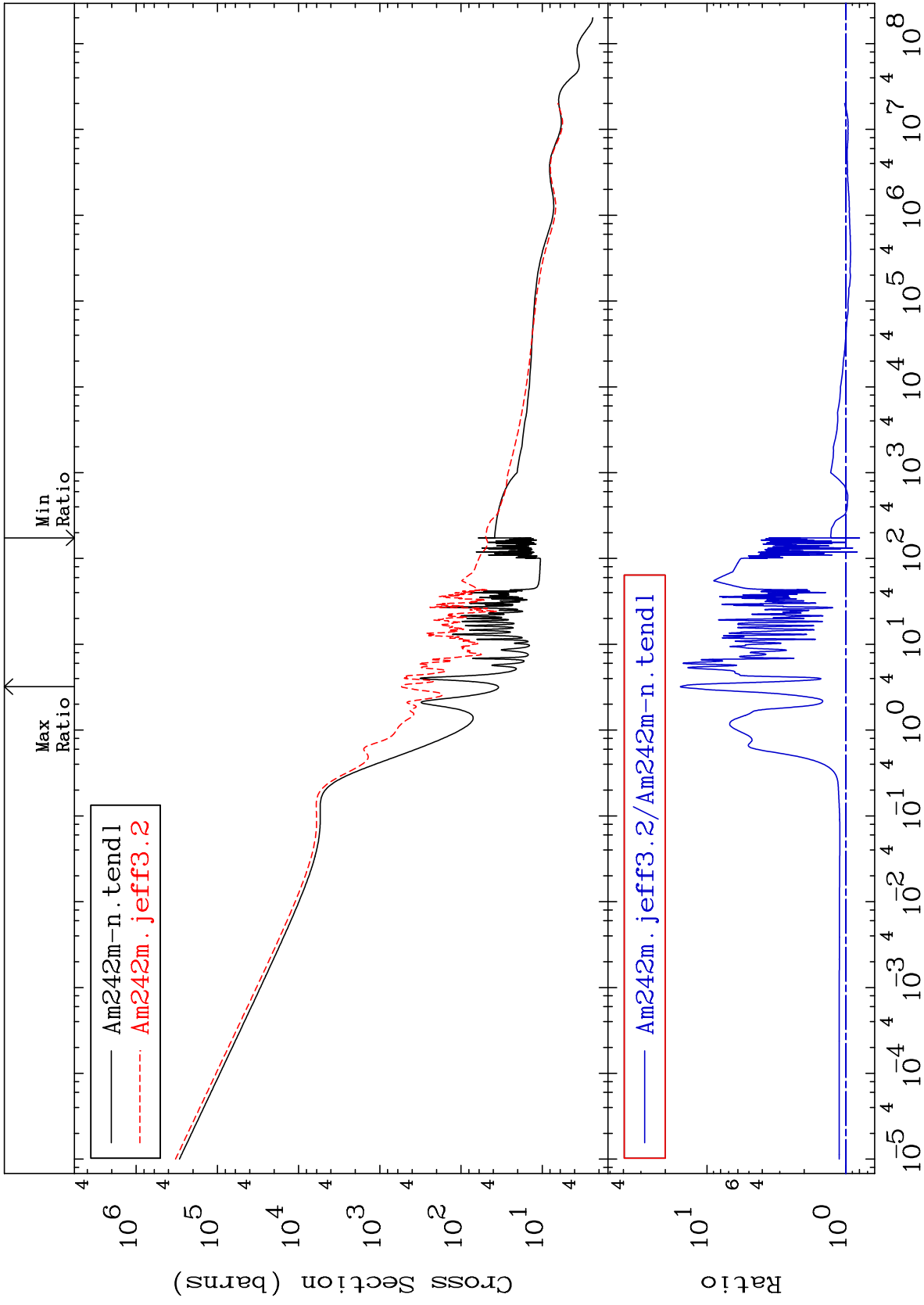
95-Am-242  
-16.48 To -10.76%



MAT 9547

95-Am-242  
-20.00 To 1457. %

Total  
Cross Section



Incident Energy (eV)

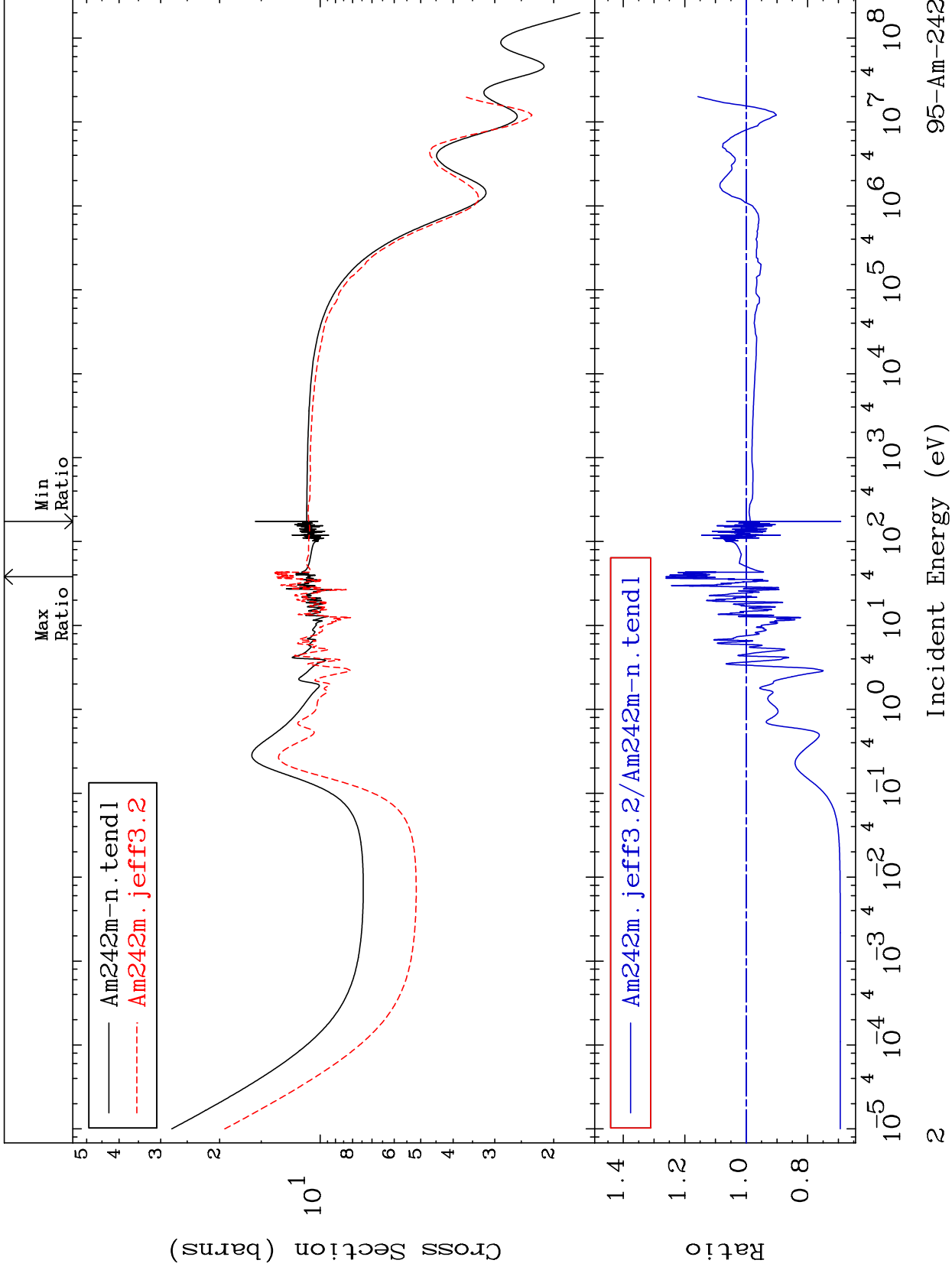
95-Am-242

MAT 9547

95-Am-242

-30.73 To 26.26 %

Elastic  
Cross Section



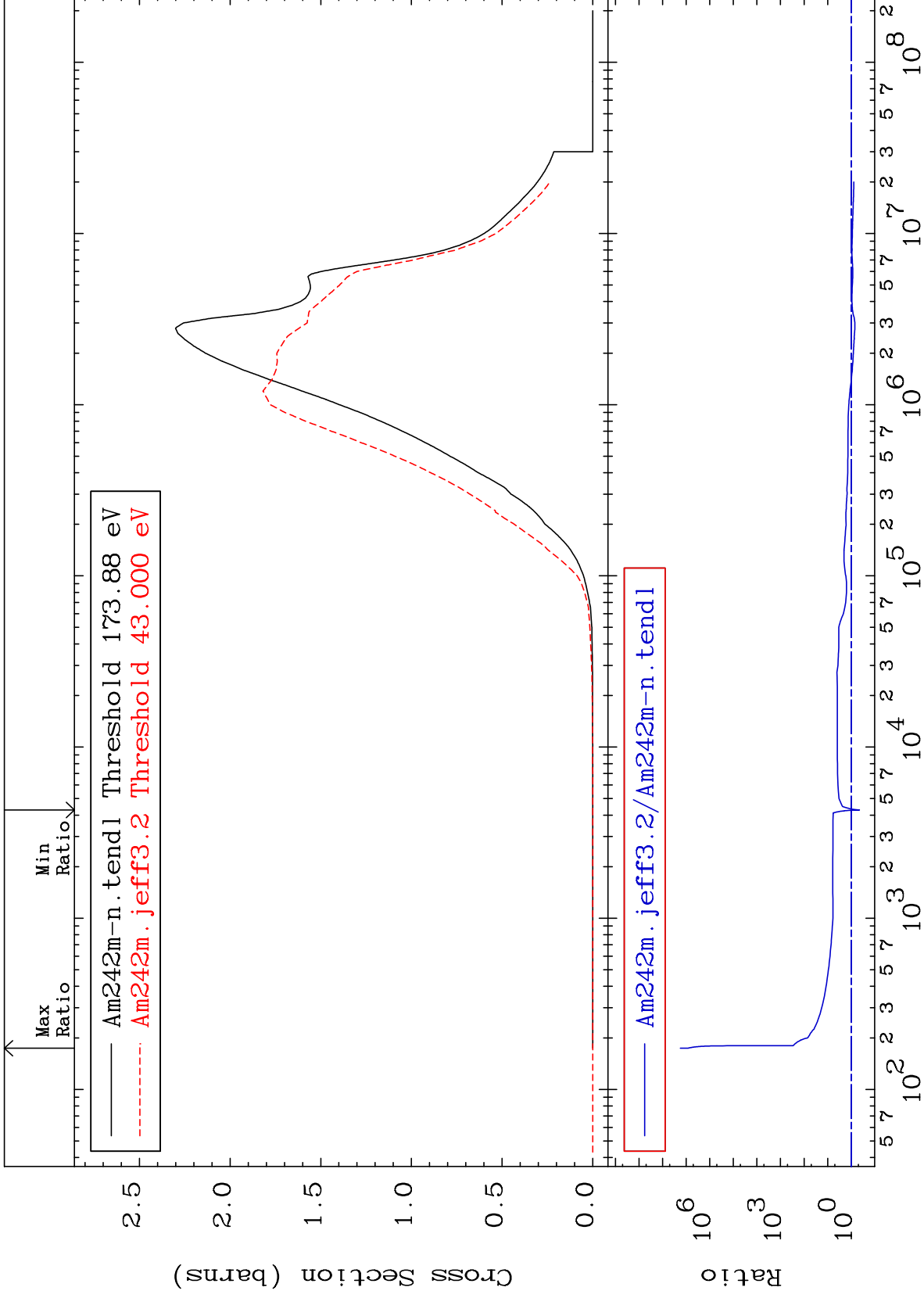
95-Am-242



MAT 9547

Inelastic  
Cross Section

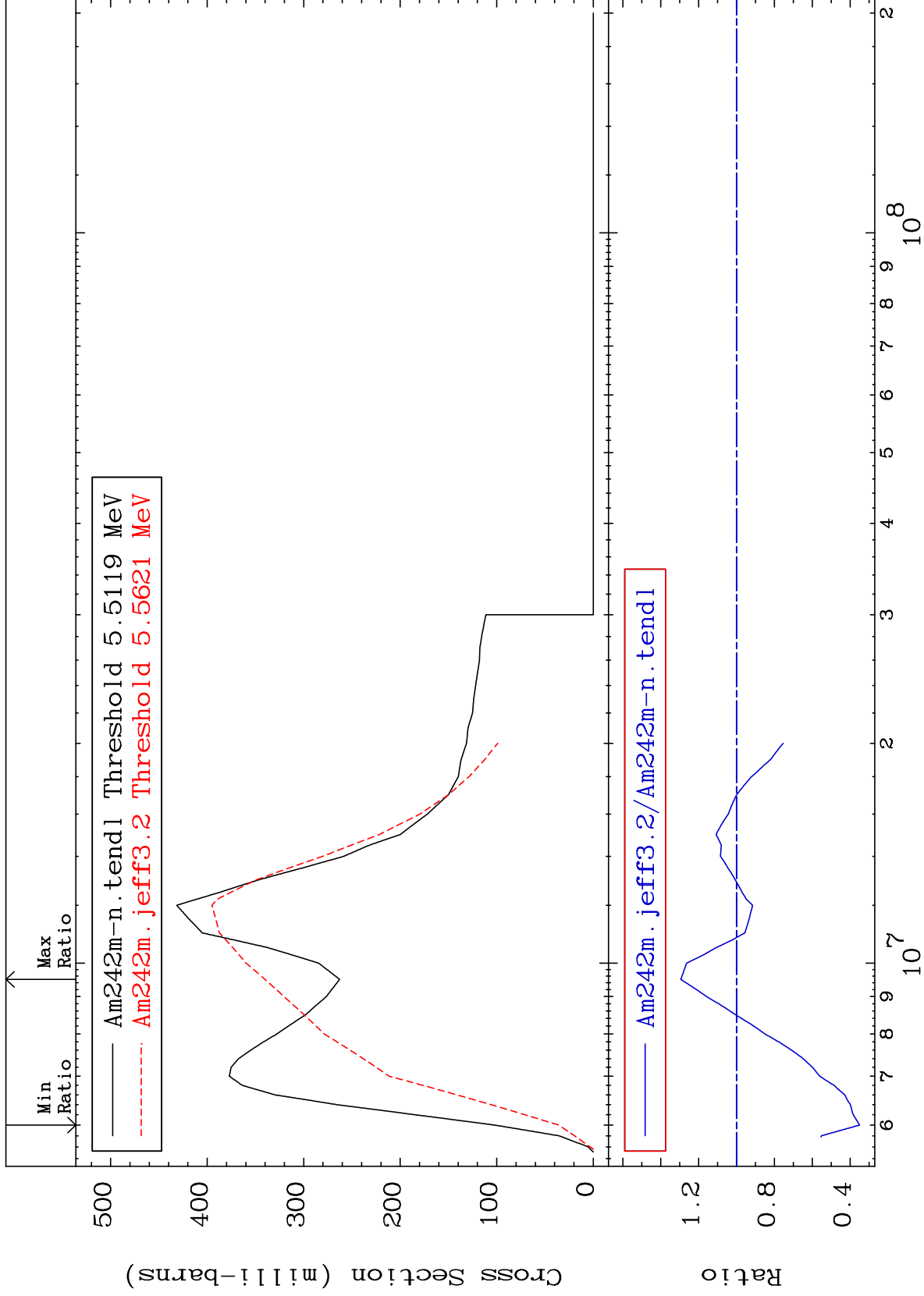
95-Am-242  
-55.07 To 9999. %



MAT 9547

(n,2n)  
Cross Section

95-Am-242  
-64.95 To 29.45 %



4

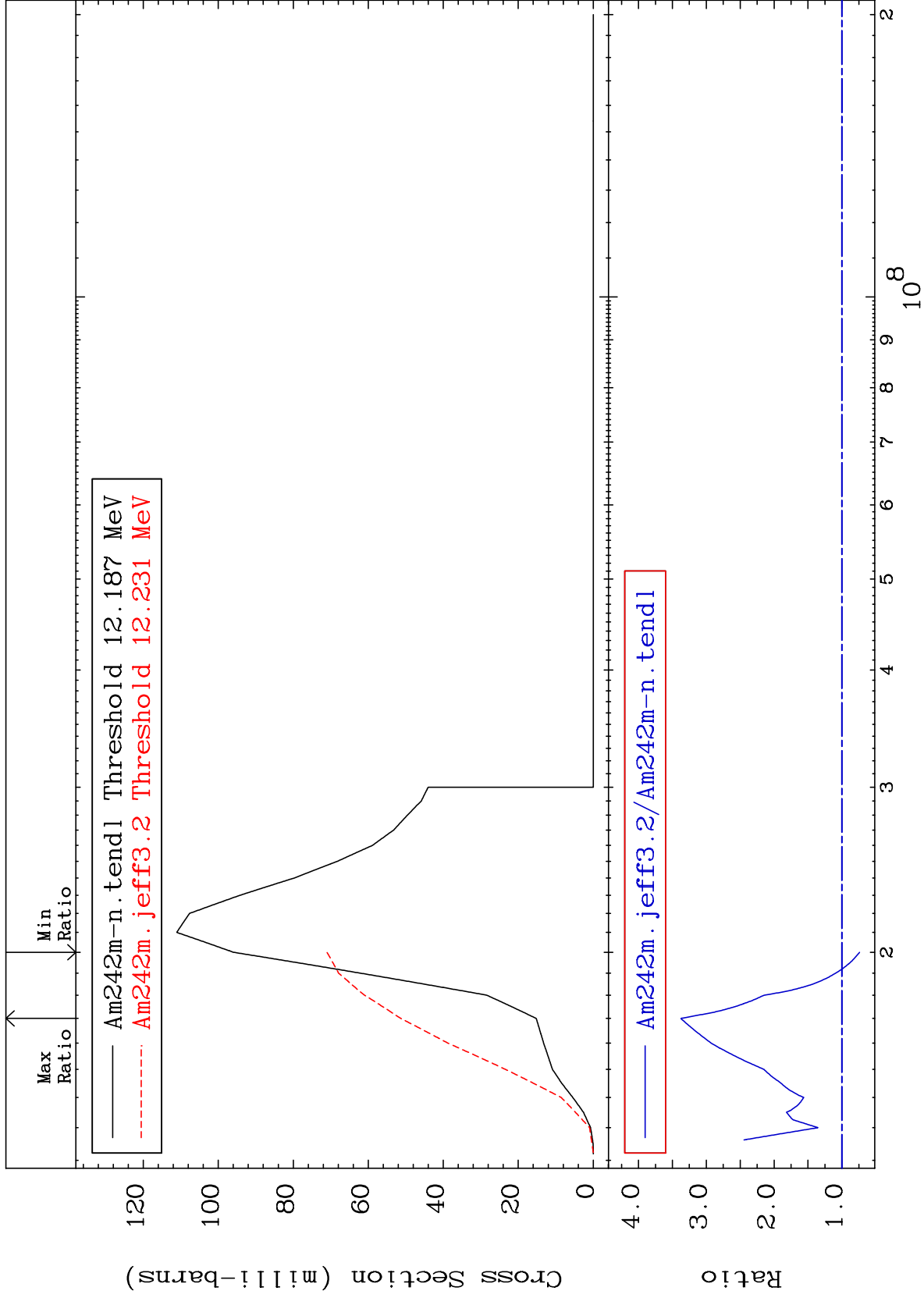
Incident Energy (eV)

95-Am-242

MAT 9547

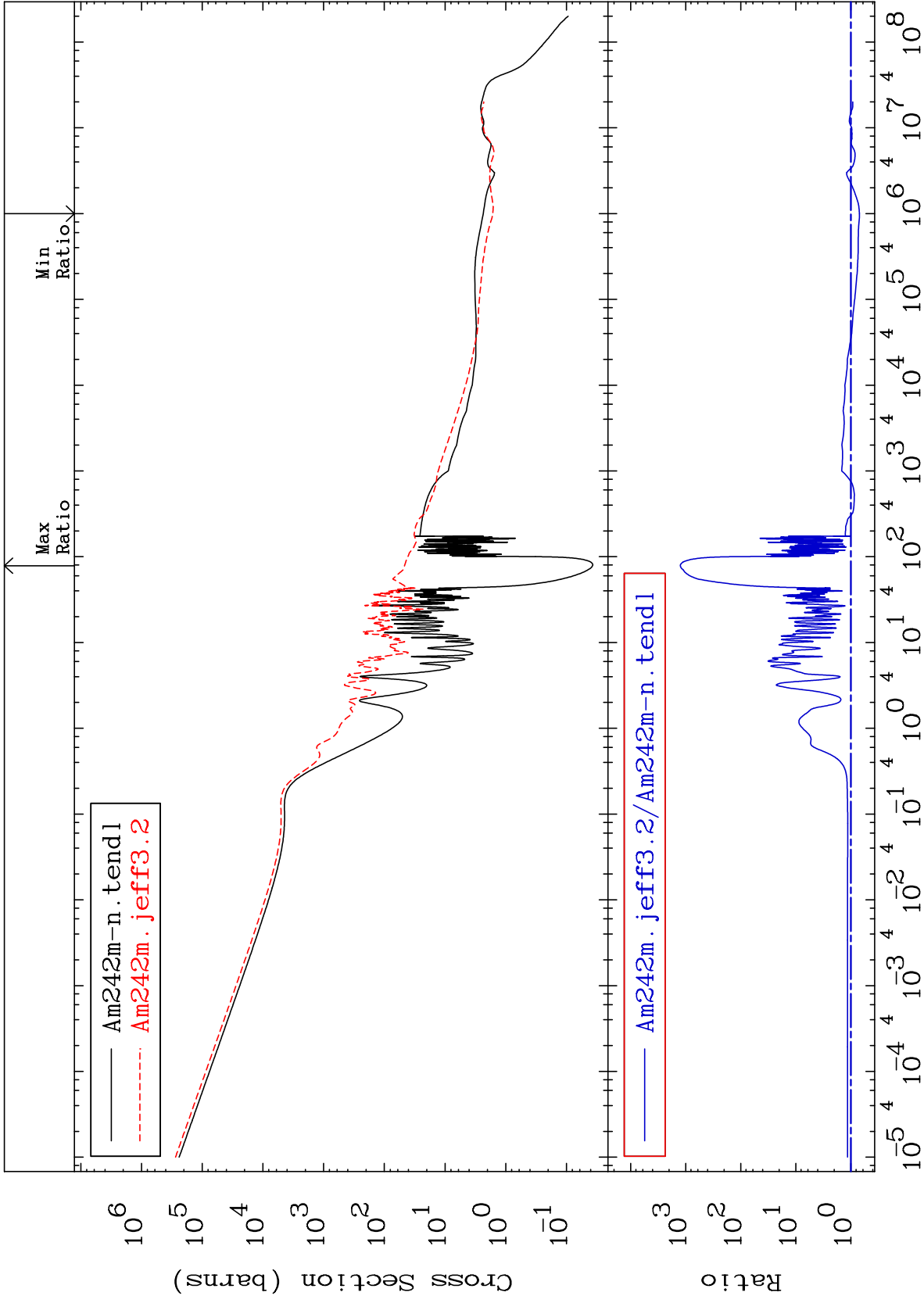
(n, 3n)  
Cross Section

95-Am-242  
-26.03 To 237.7 %



MAT 9547

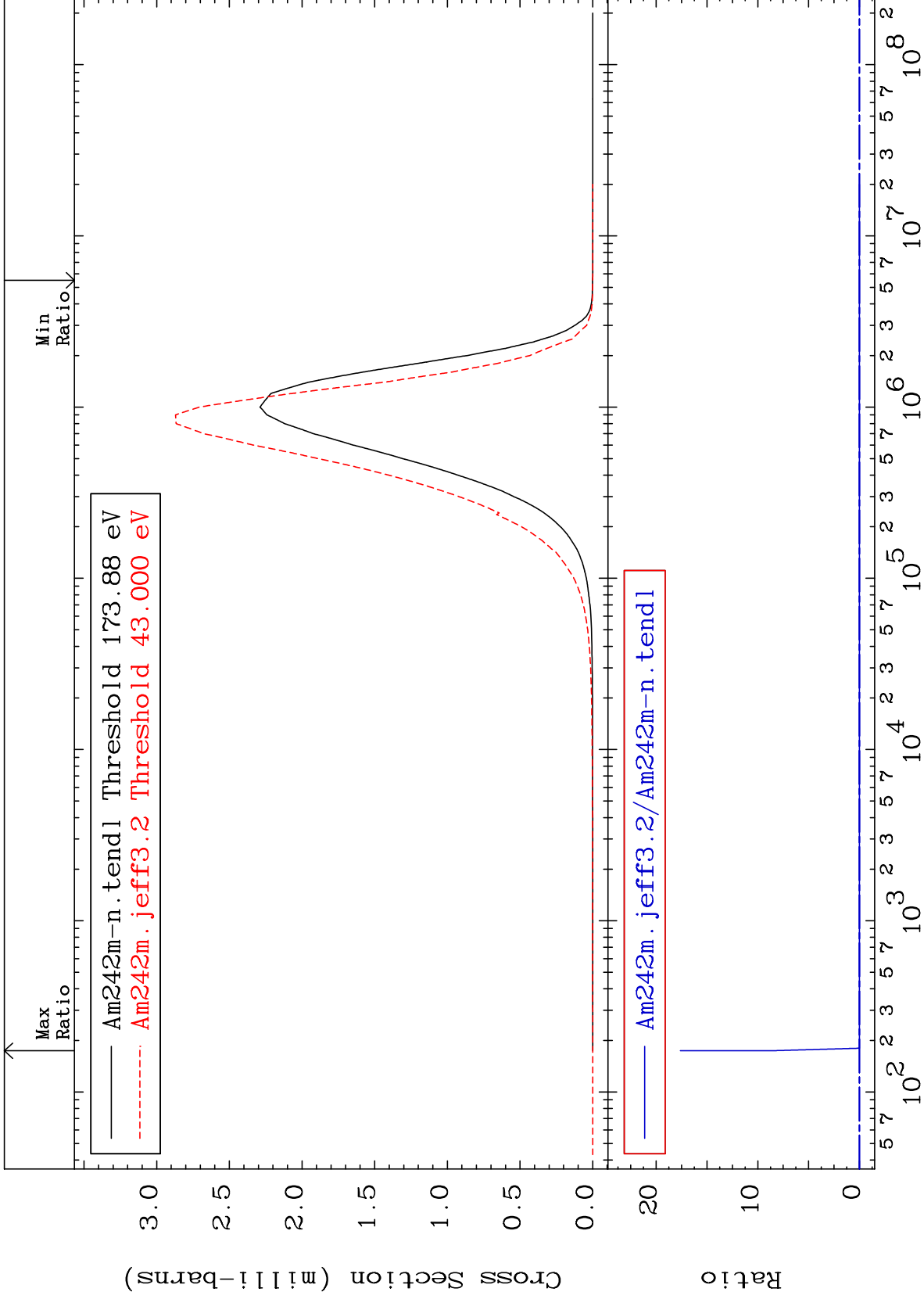
Fission Cross Section 95-Am-242  
-30.29 To 9999. %



MAT 9547

0.000 keV (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 9999. %



7

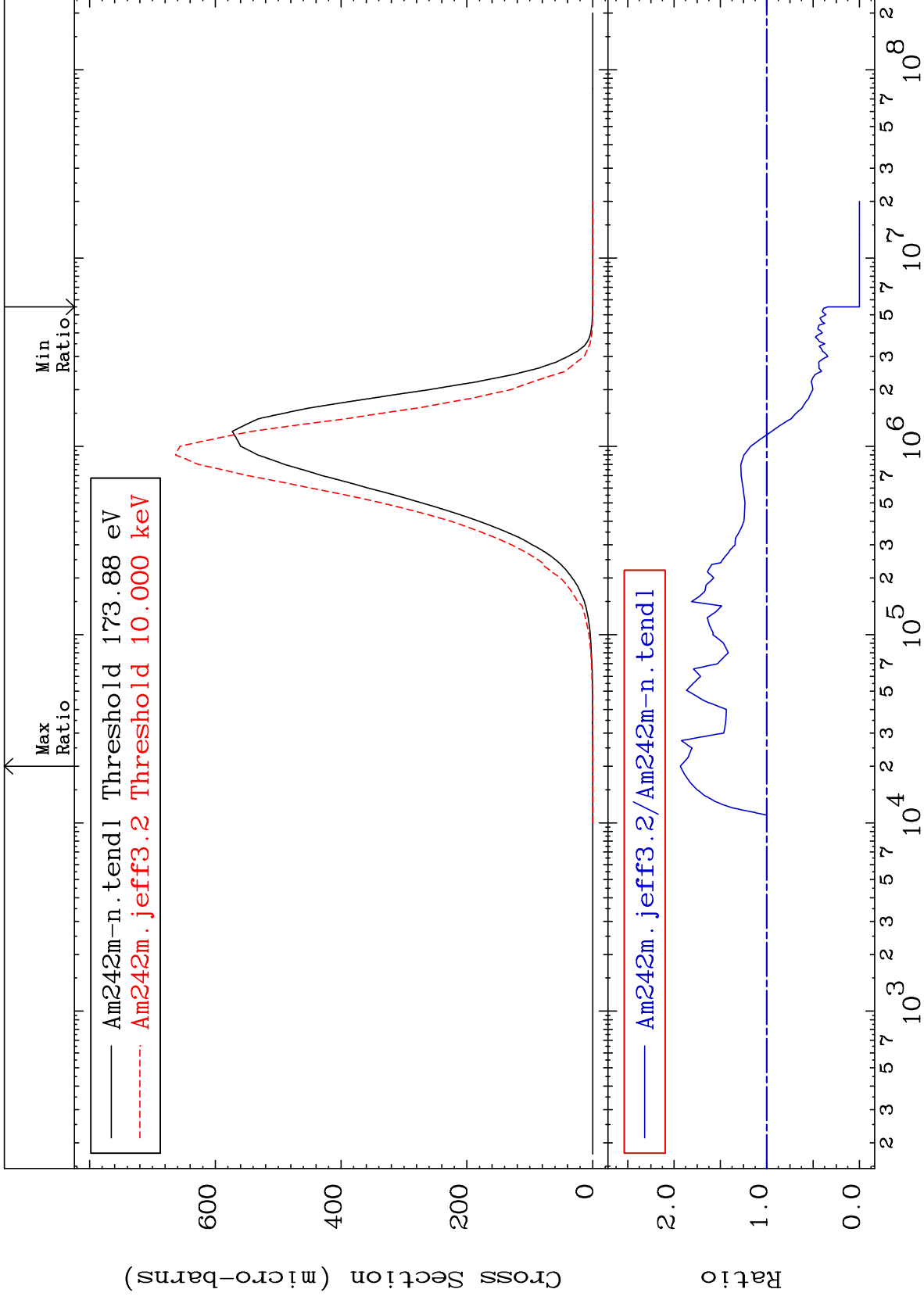
Incident Energy (eV)

95-Am-242

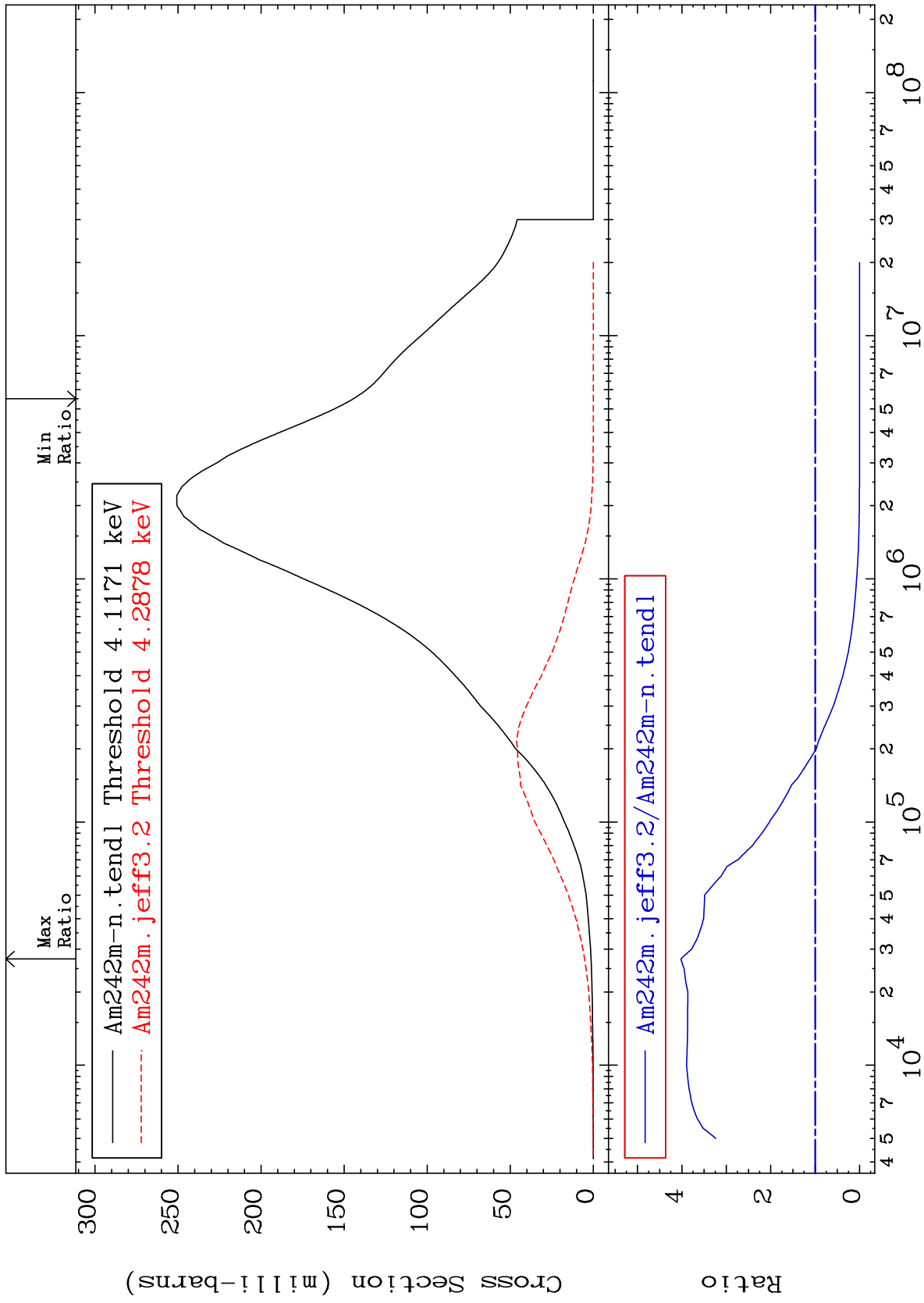
MAT 9547

44.09 keV (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 93.17 %



MAT 9547 52.70 keV (n,n') Level 95-Am-242  
 Cross Section -100.0 To 302.5 %



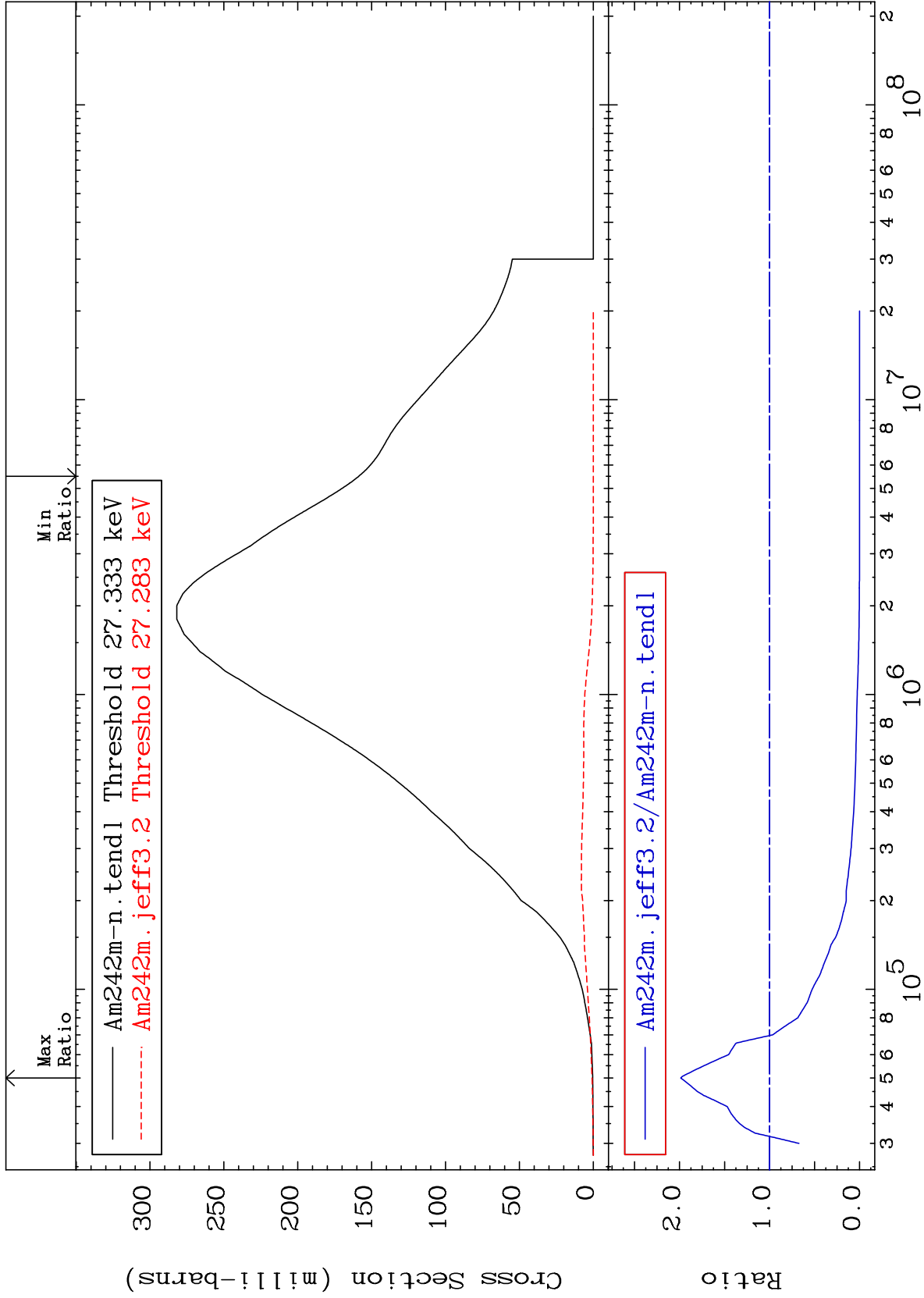
MAT 9547

75.82 keV (n,n') Level

95-Am-242

Cross Section

-100.0 To 98.67 %



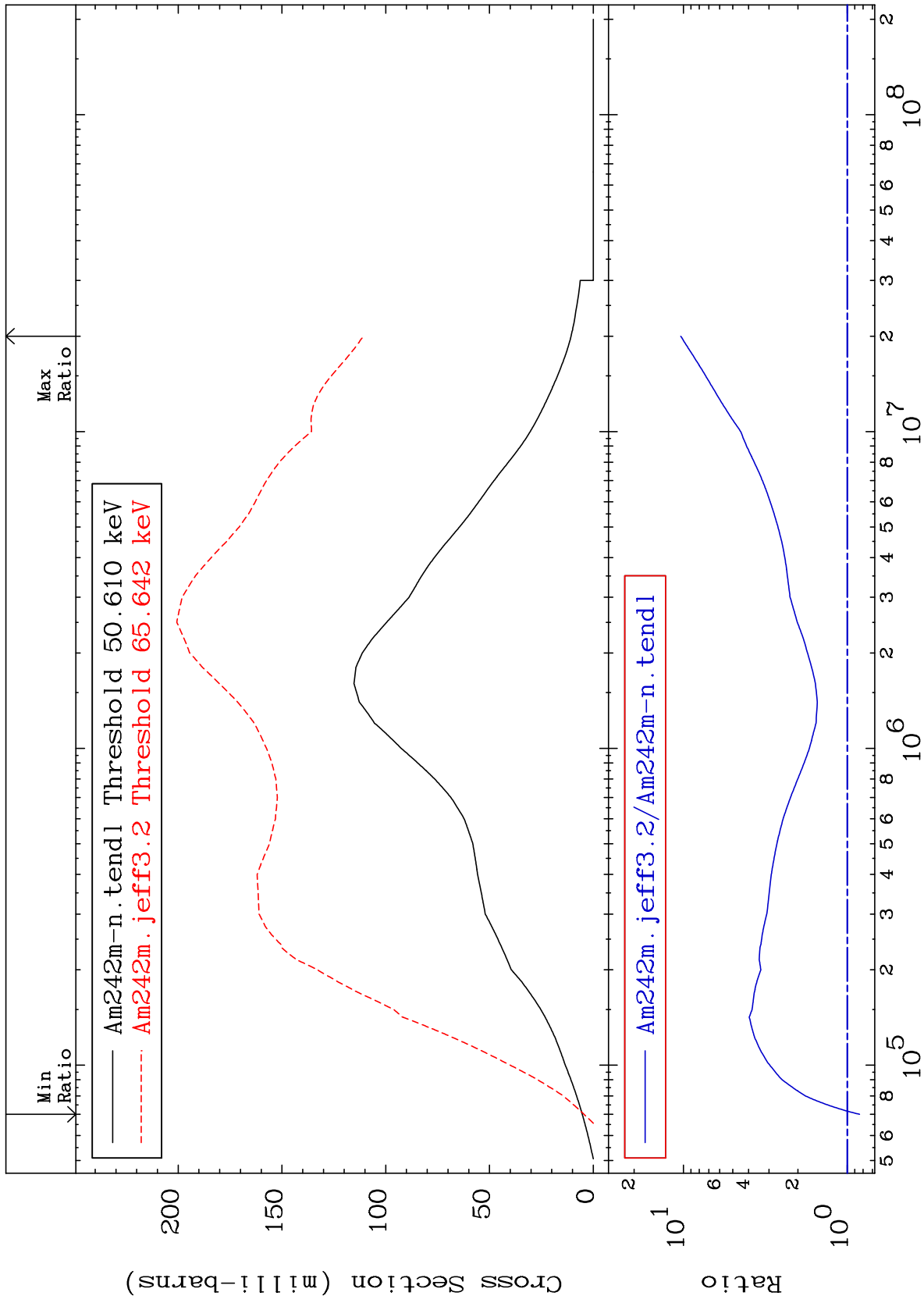
10

Incident Energy (eV)

95-Am-242



MAT 9547 99.00 keV (n,n') Level 95-Am-242  
 Cross Section -15.97 To 937.7 %



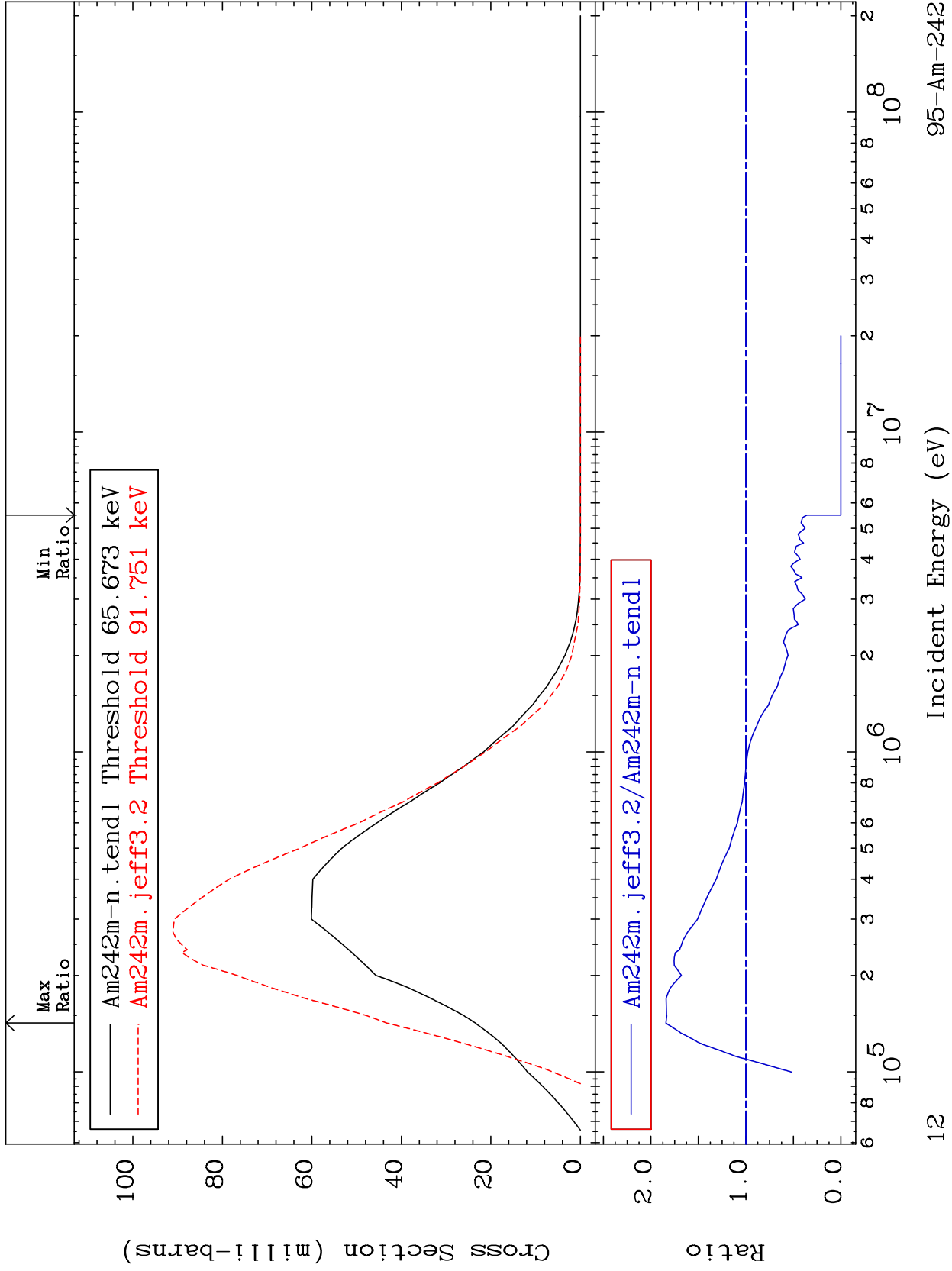
MAT 9547

114.0 keV (n,n') Level

95-Am-242

-100.0 To 84.15 %

Cross Section



12

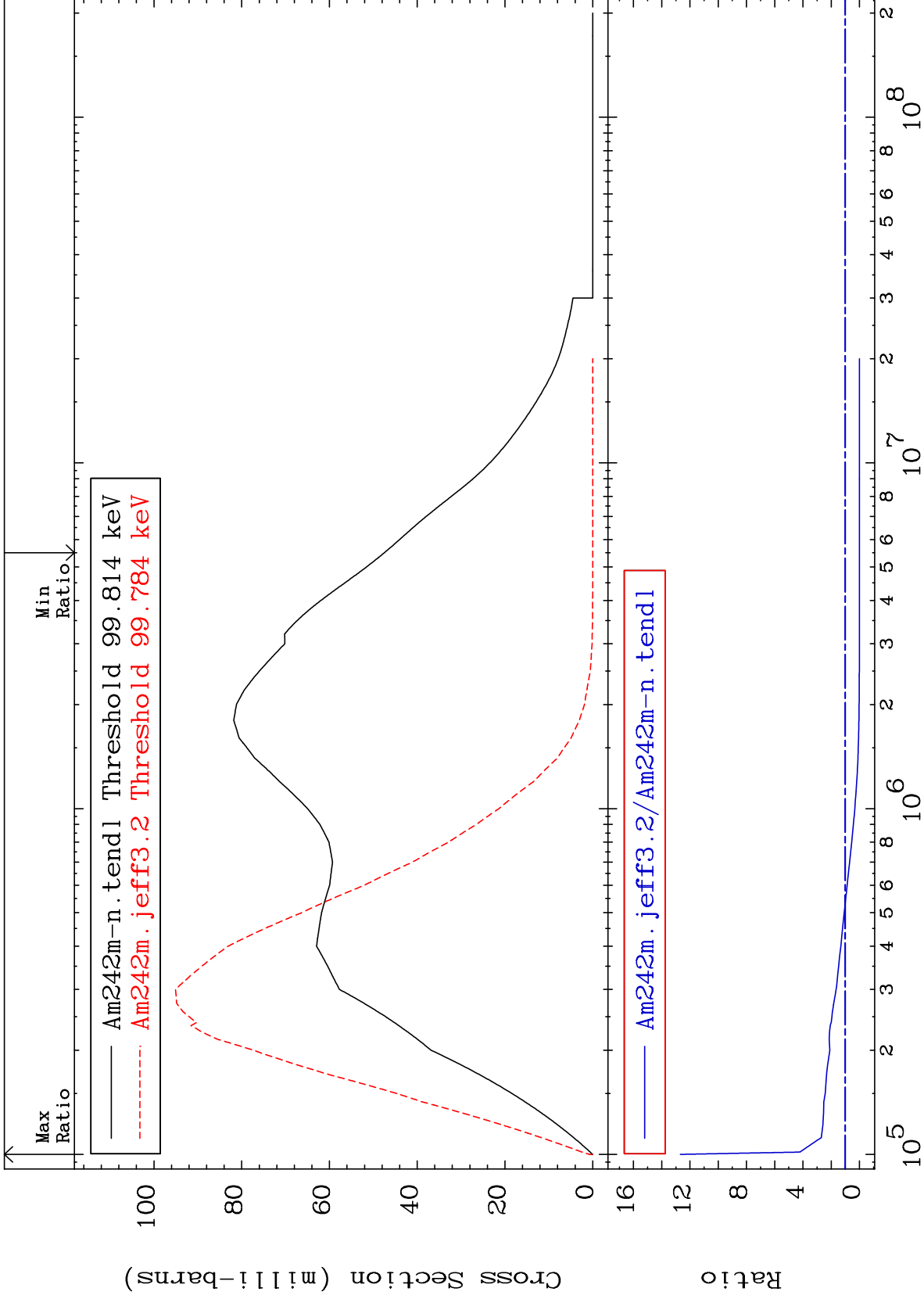
Incident Energy (eV)

95-Am-242

MAT 9547

148.0 keV (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 1168. %



13

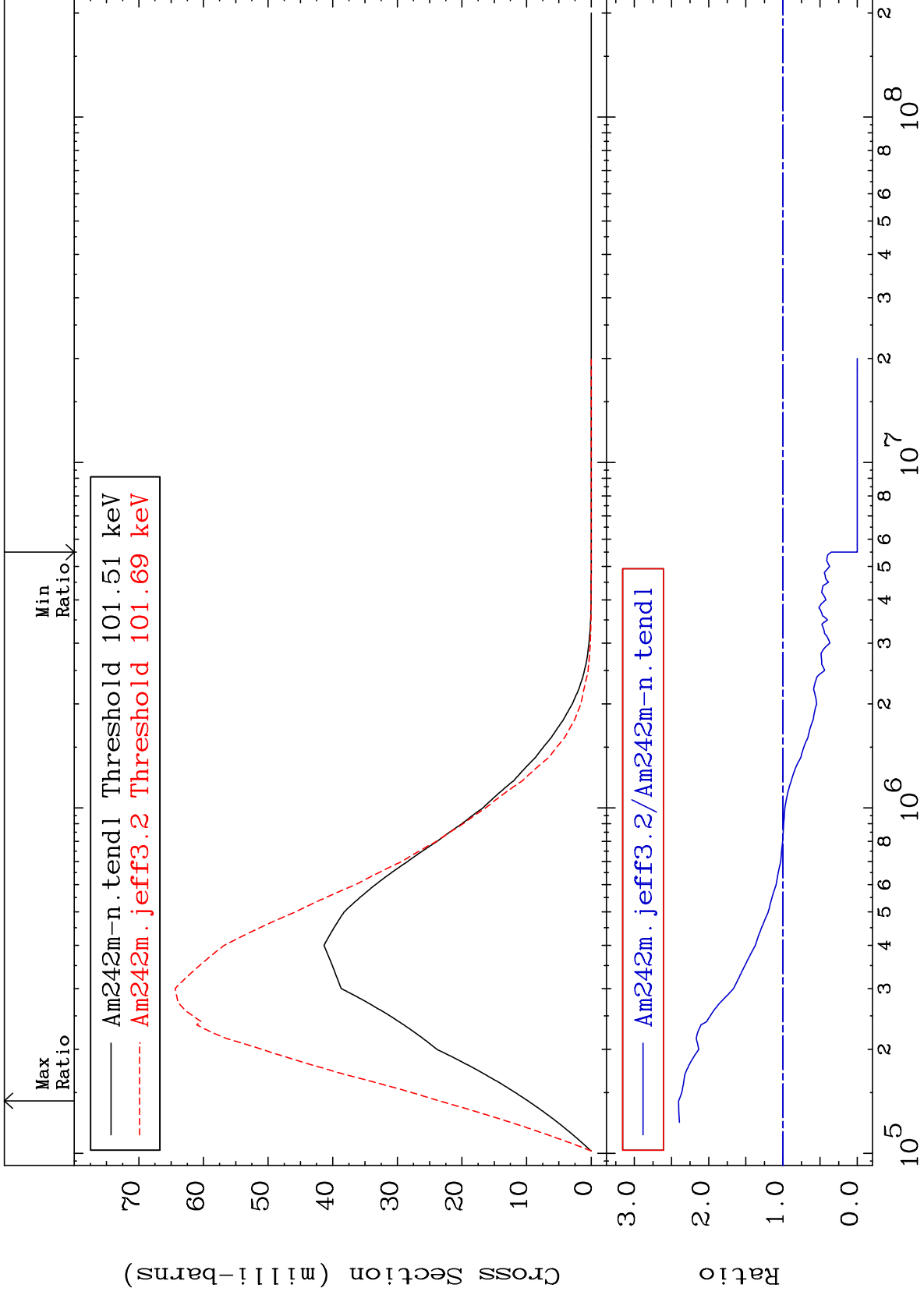
Incident Energy (eV)

95-Am-242

MAT 9547

149.7 keV (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 140.4 %



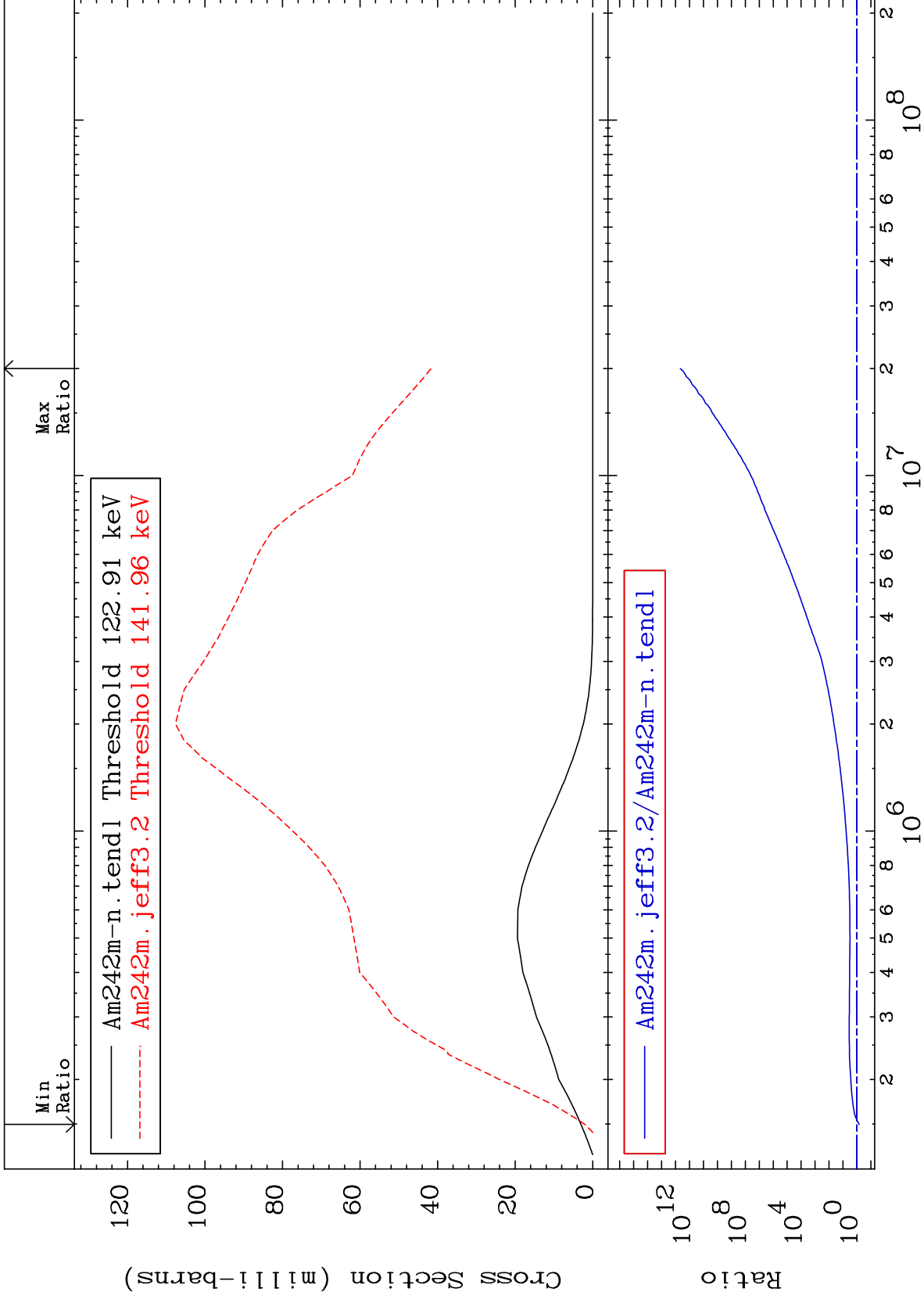
14

95-Am-242

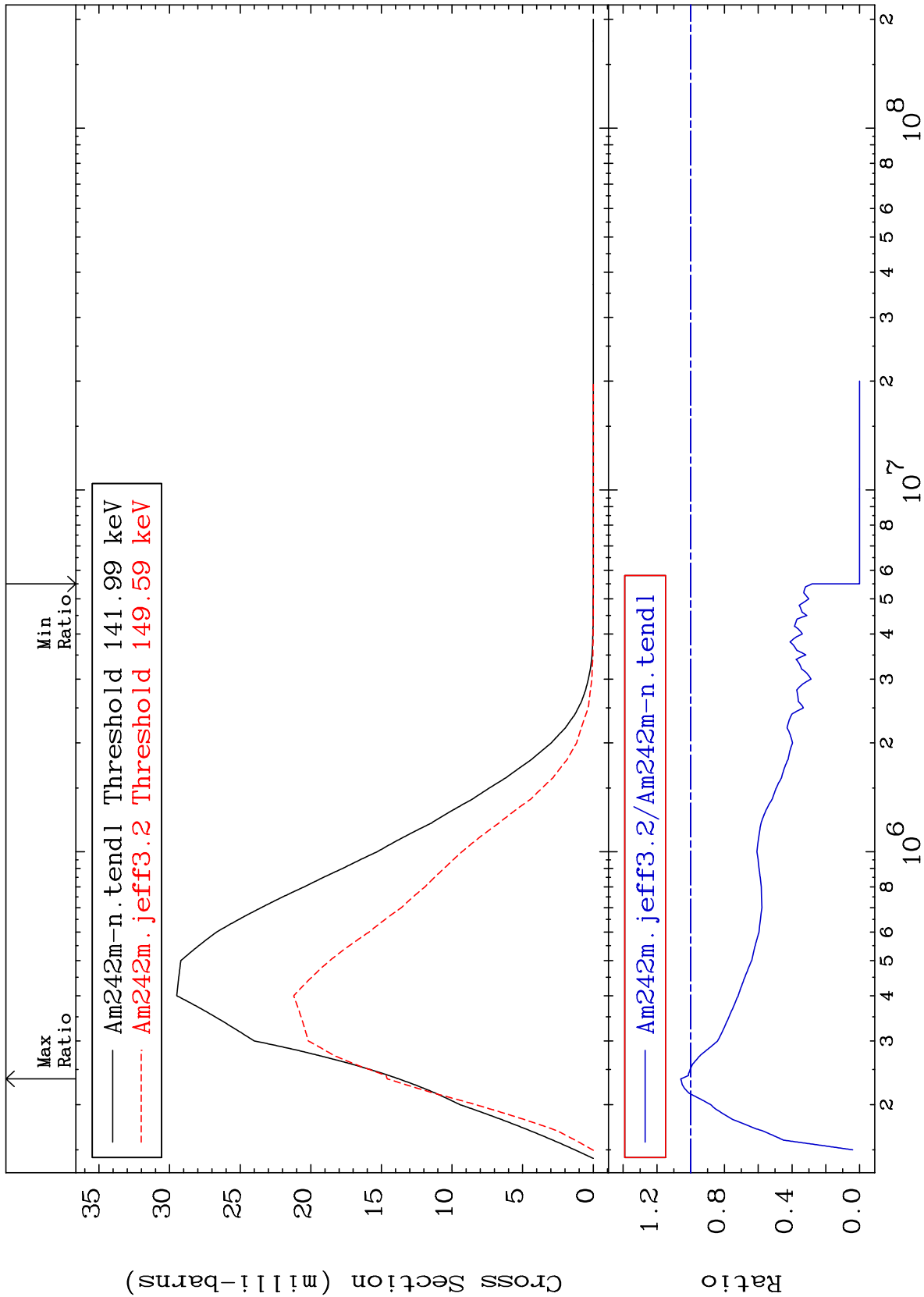
MAT 9547

171.0 keV (n,n') Level  
Cross Section

95-Am-242  
-33.58 To 9999. %



MAT 9547 190.0 keV (n,n') Level 95-Am-242  
 Cross Section -100.0 To 5.882 %



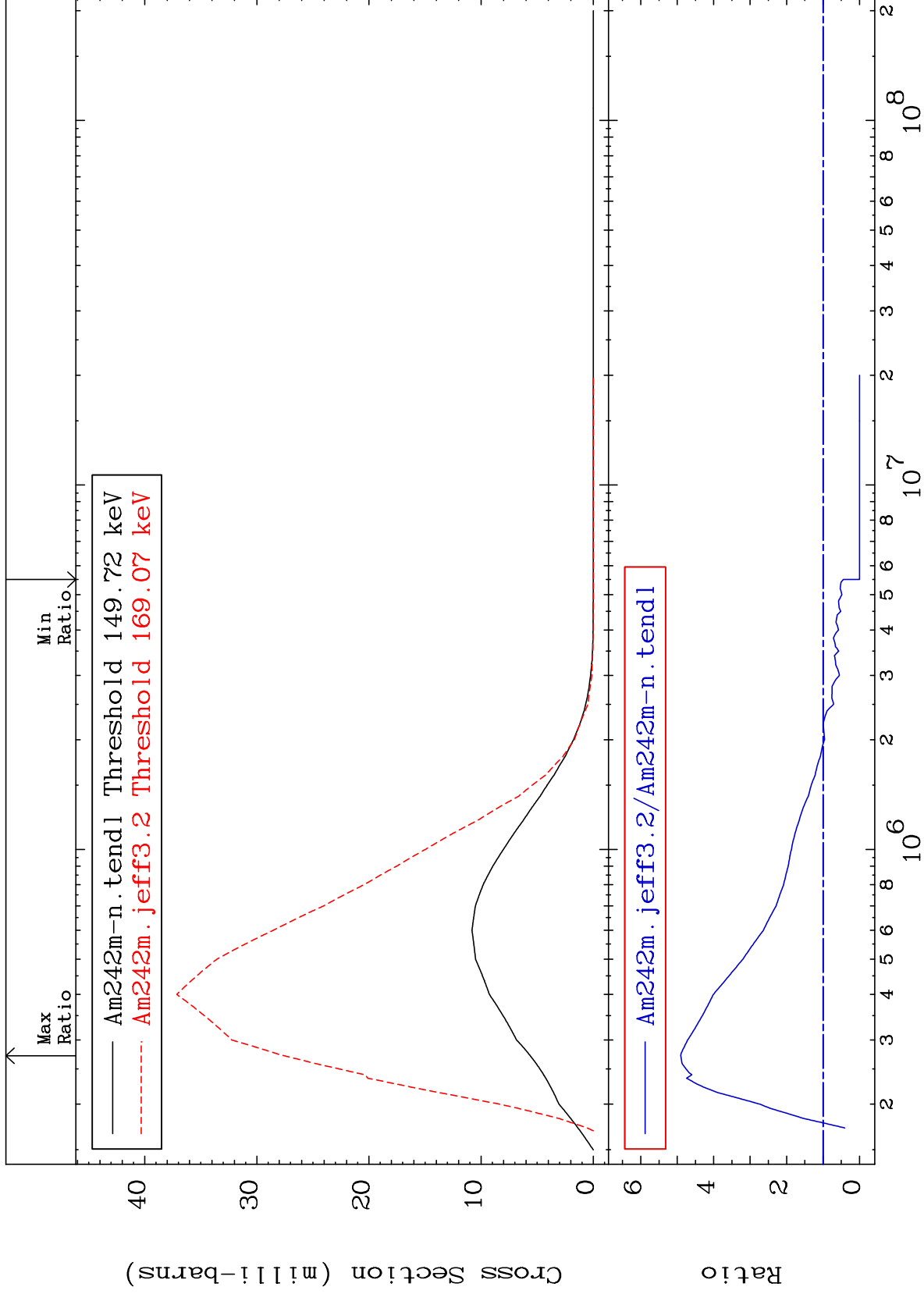
MAT 9547

197.7 keV (n,n') Level

95-Am-242

Cross Section

-100.0 To 390.2 %



17

Incident Energy (eV)

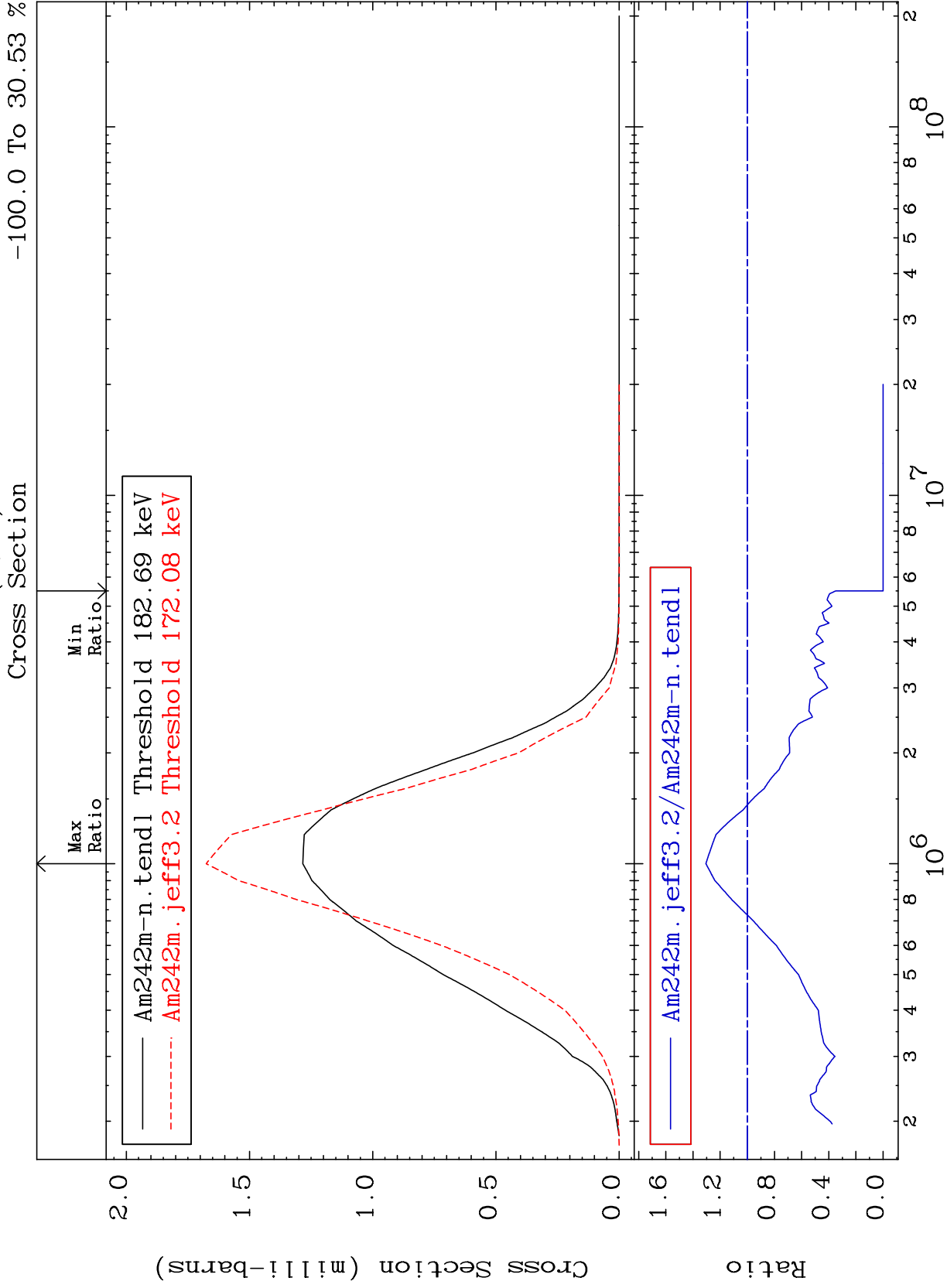
95-Am-242

MAT 9547

230.5 keV (n,n') Level

95-Am-242

-100.0 To 30.53 %



18

Incident Energy (eV)

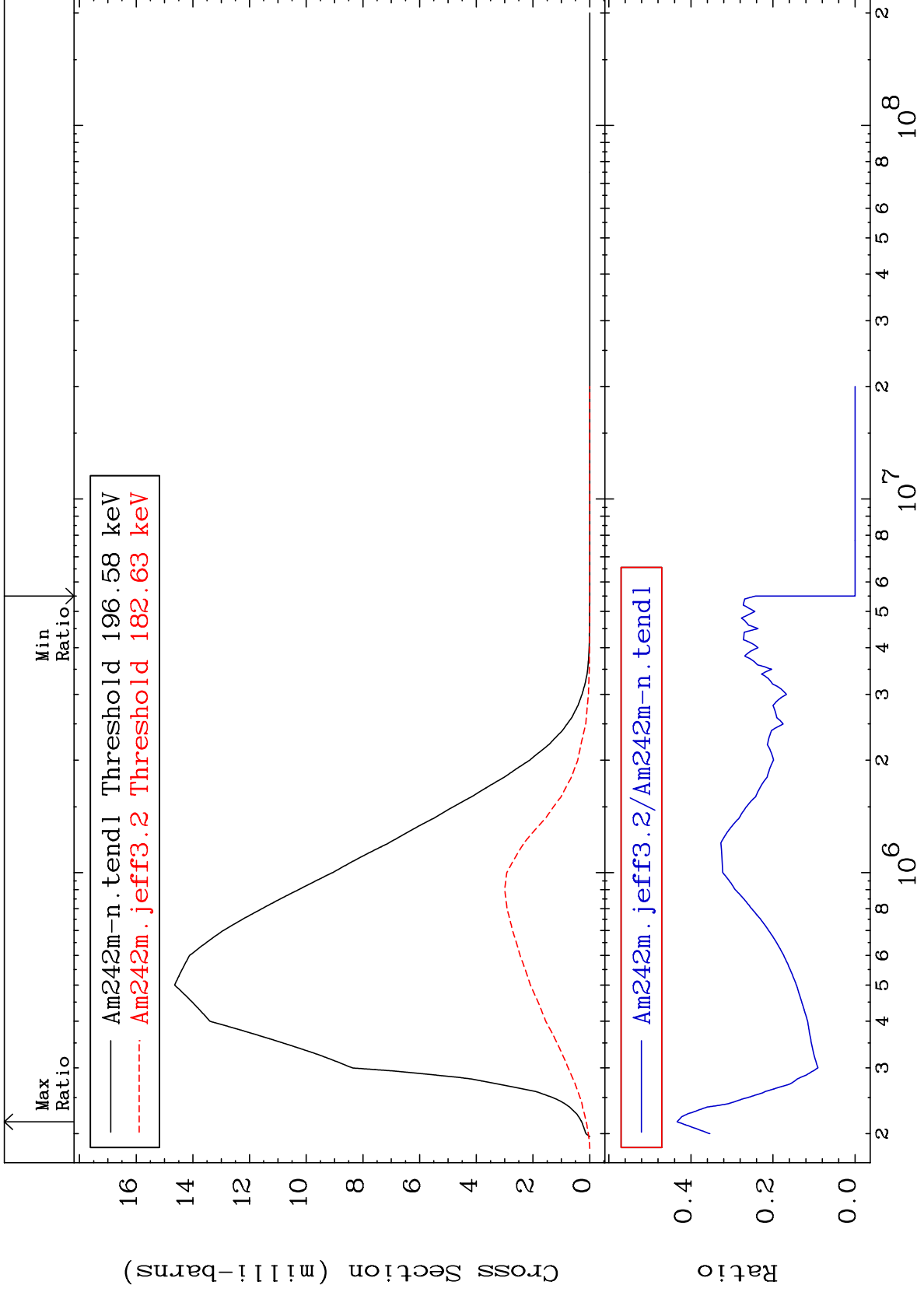
95-Am-242



MAT 9547

244.4 keV (n,n') Level  
Cross Section

95-Am-242  
-100.0 To -56.59%



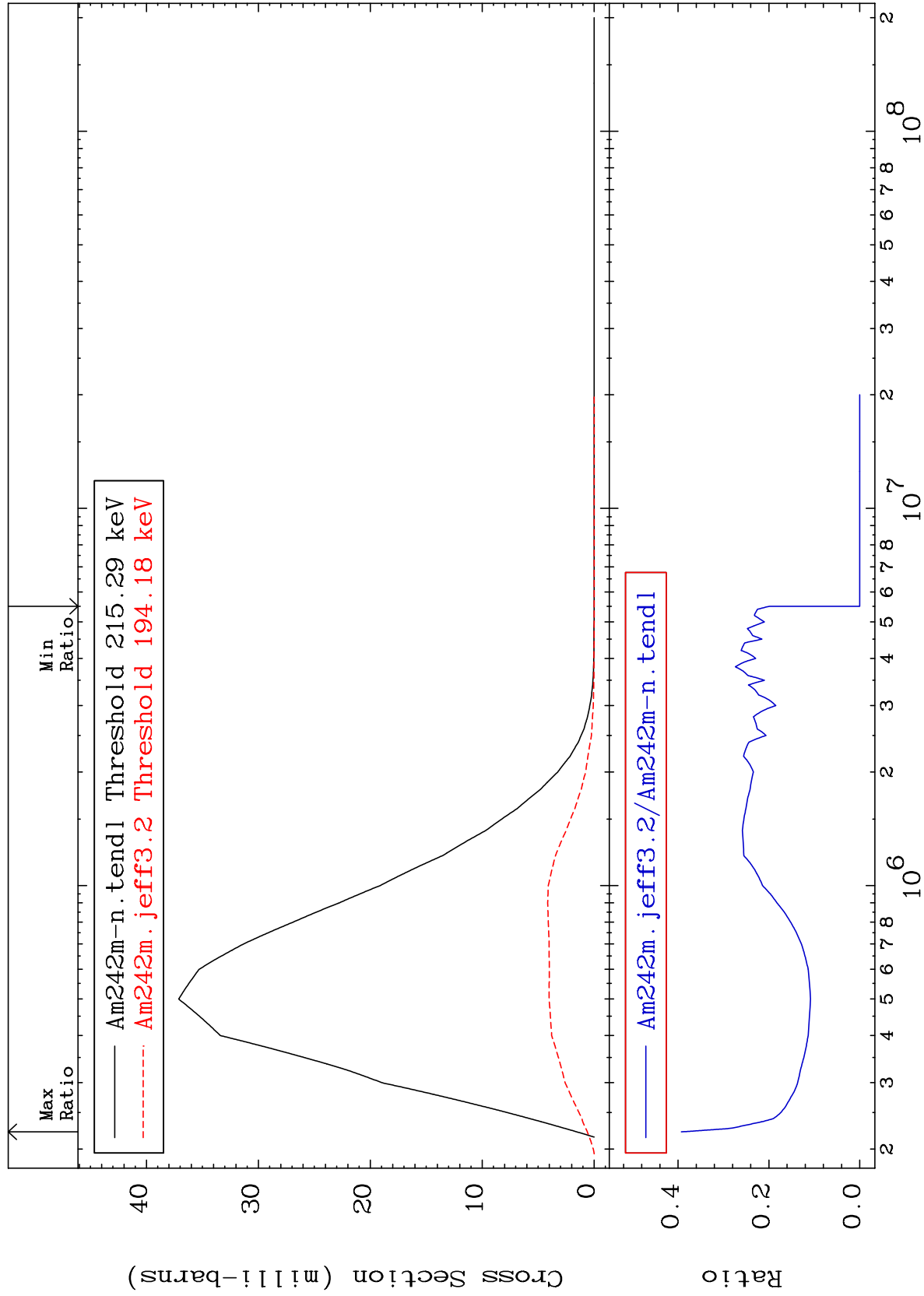
MAT 9547

263.0 keV (n,n') Level

95-Am-242

-100.0 To -60.73%

Cross Section



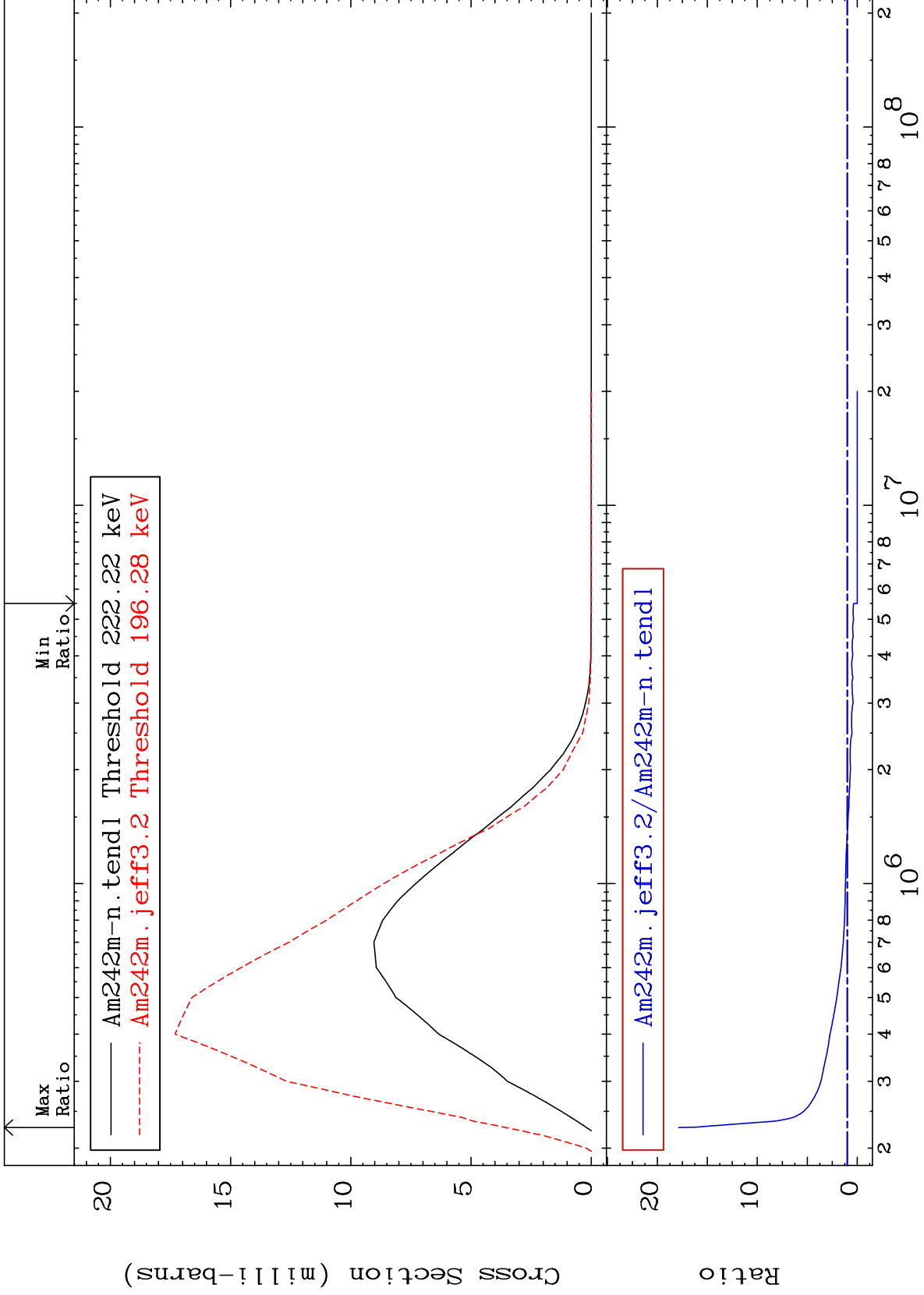
20

95-Am-242

MAT 9547

269.9 keV (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 1687. %



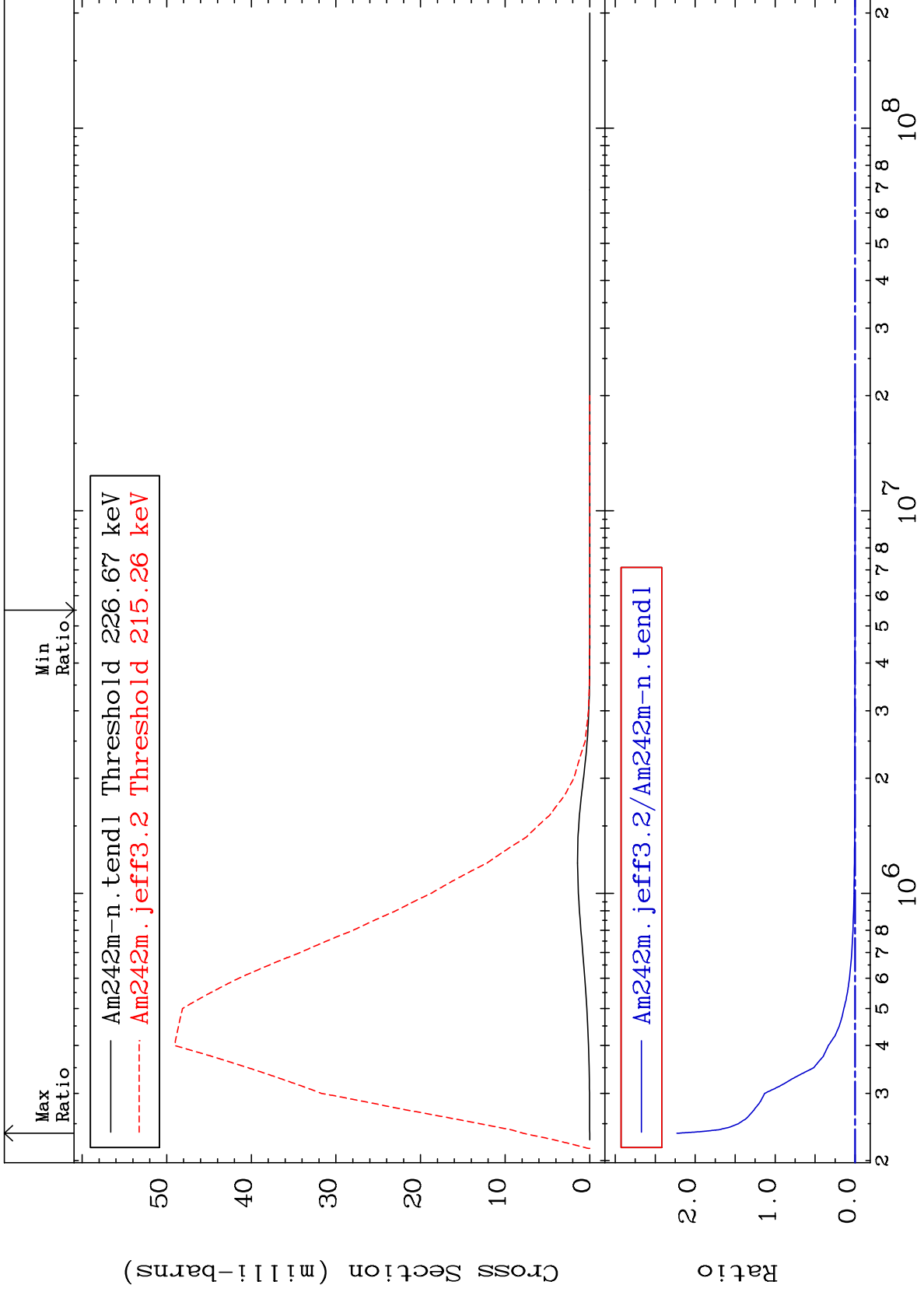
21

95-Am-242

MAT 9547

274.3 keV (n,n') Level  
Cross Section

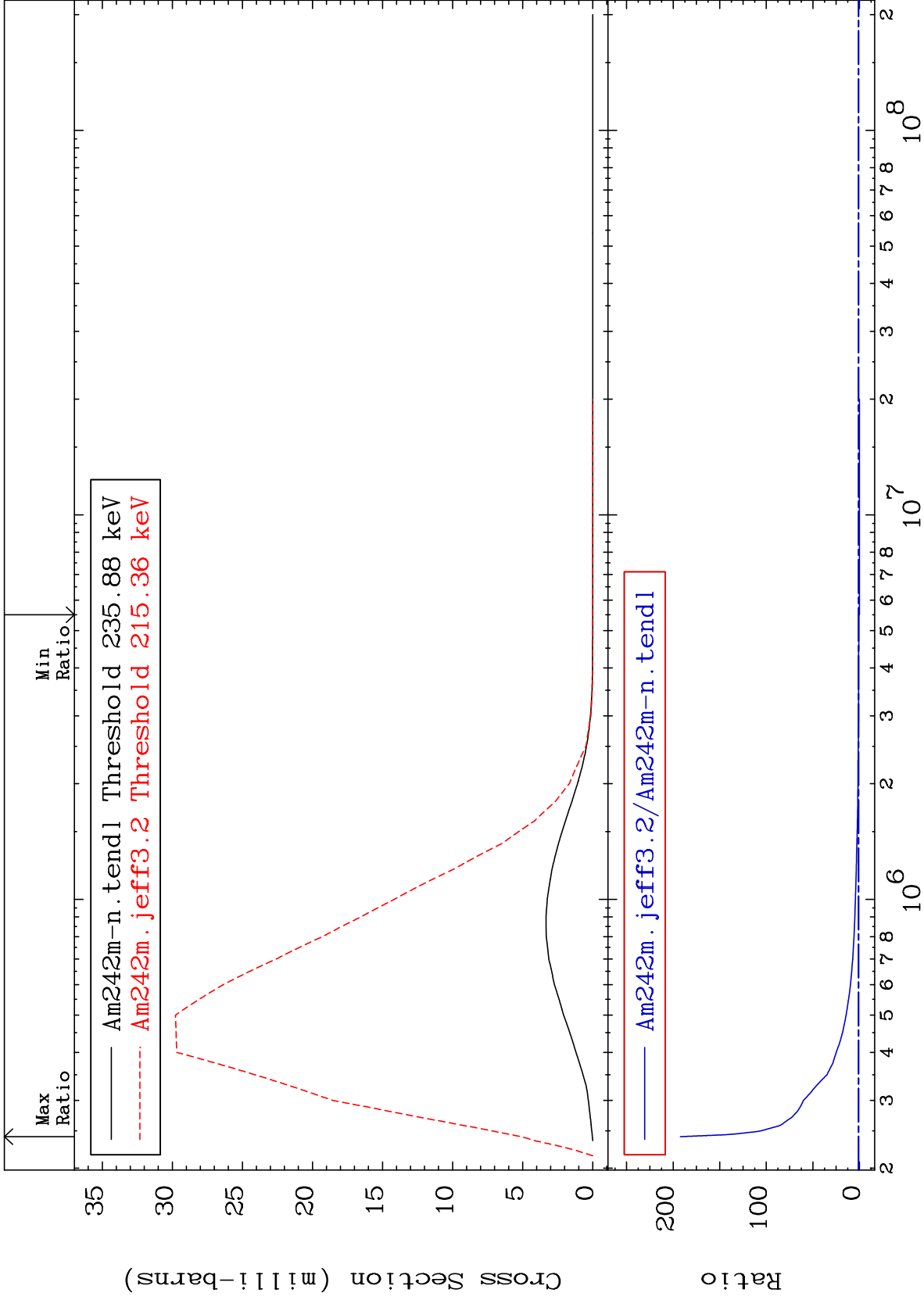
95-Am-242  
-100.0 To 9999. %



MAT 9547

283.5 keV (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 9999. %



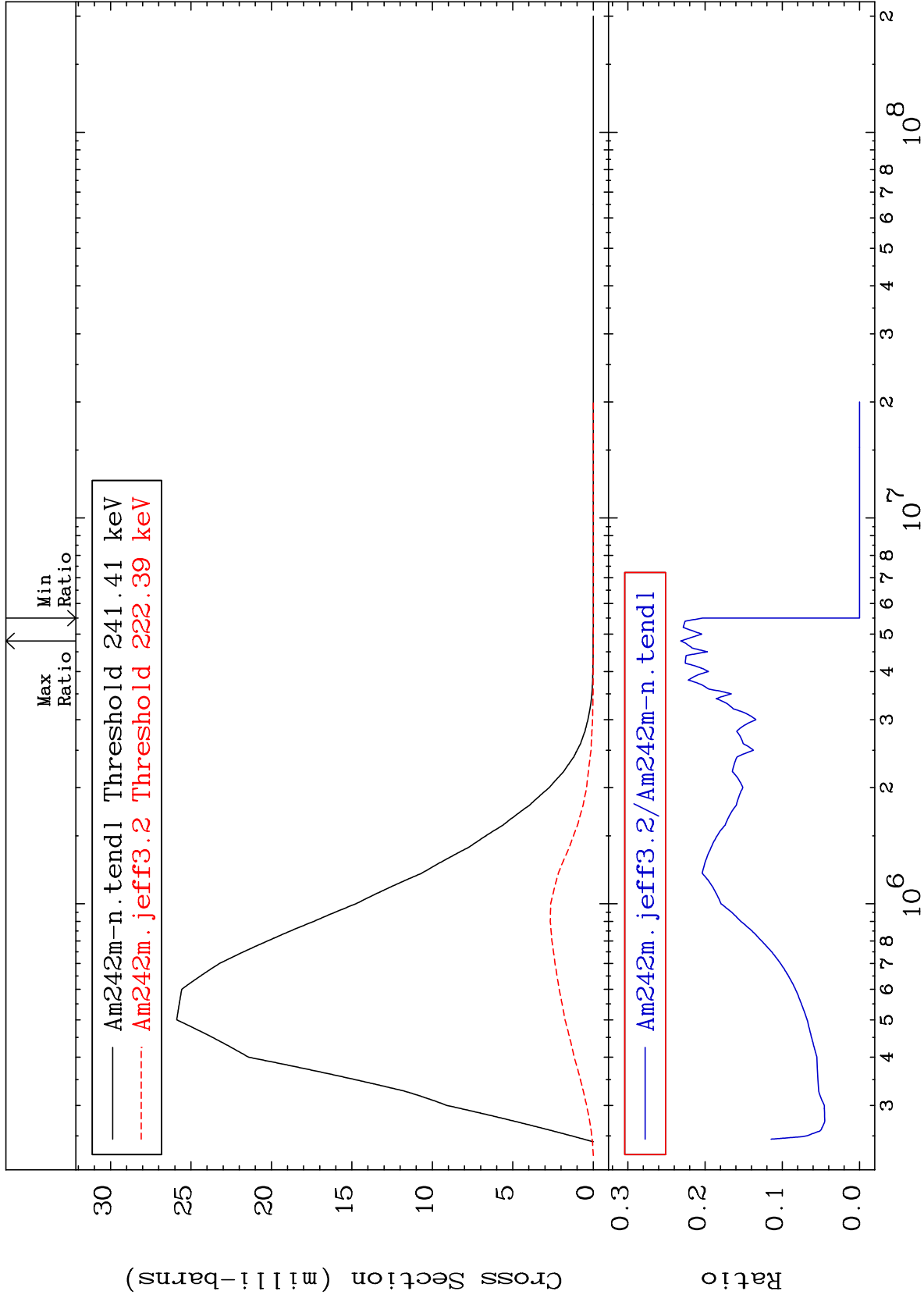
MAT 9547

289.0 keV (n,n') Level

95-Am-242

-100.0 To -76.85%

Cross Section



24

Incident Energy (eV)

95-Am-242

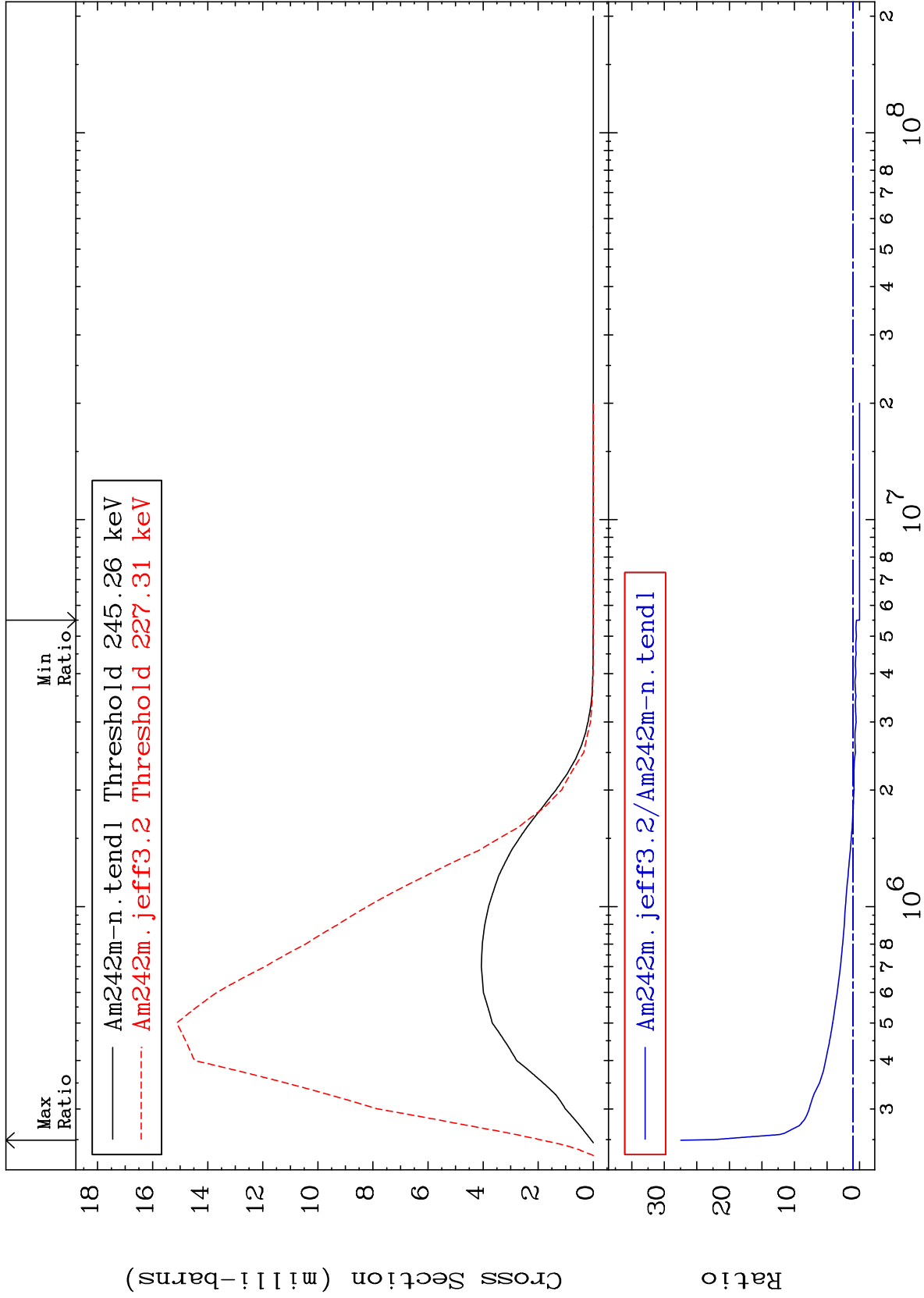
MAT 9547

292.8 keV (n,n') Level

95-Am-242

-100.0 To 2646. %

Cross Section



25

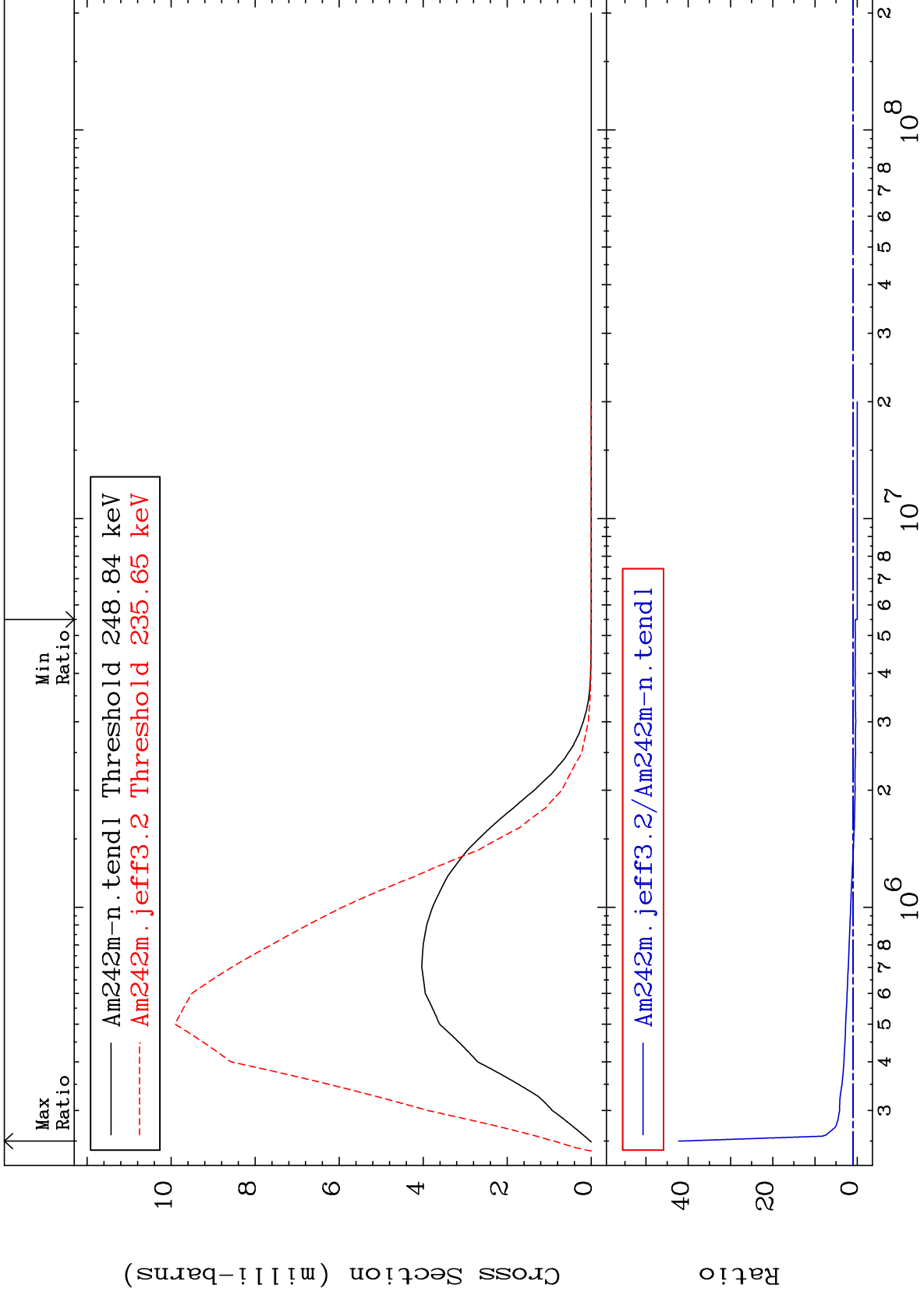
Incident Energy (eV)

95-Am-242

MAT 9547

296.4 keV (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 4128. %

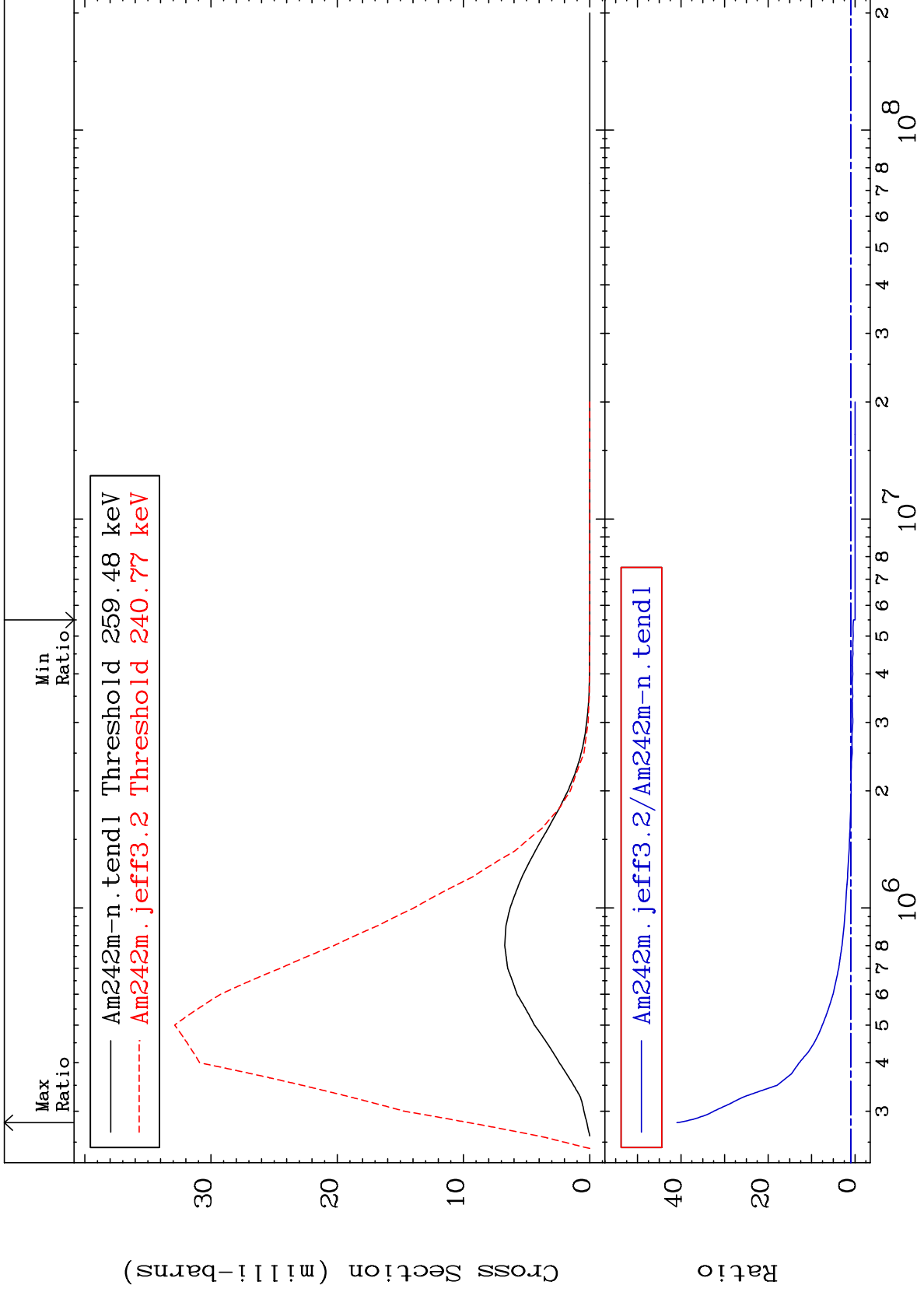




MAT 9547

307.0 keV (n,n') Level  
Cross Section

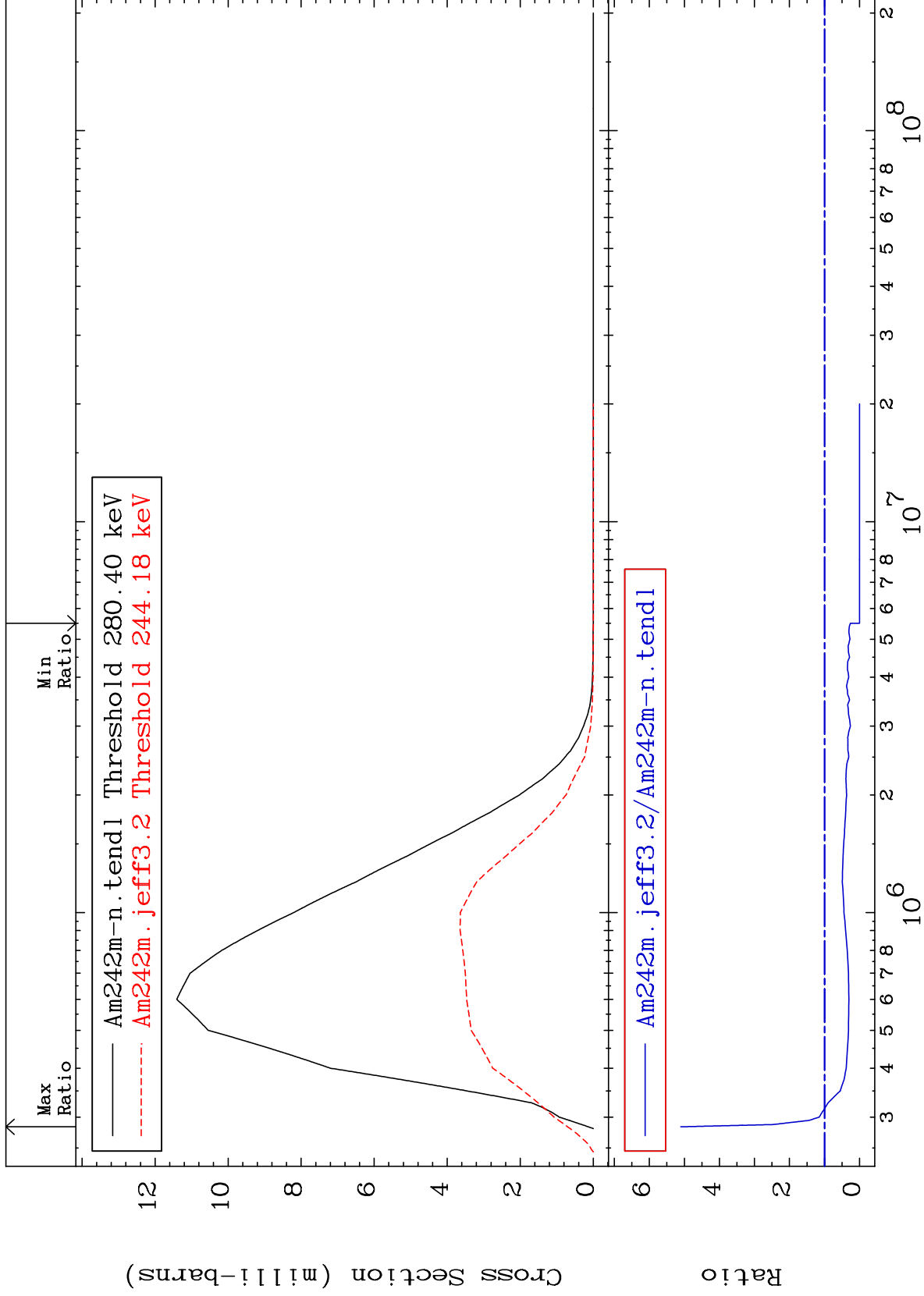
95-Am-242  
-100.0 To 3994. %



MAT 9547

327.8 keV (n,n') Level  
Cross Section

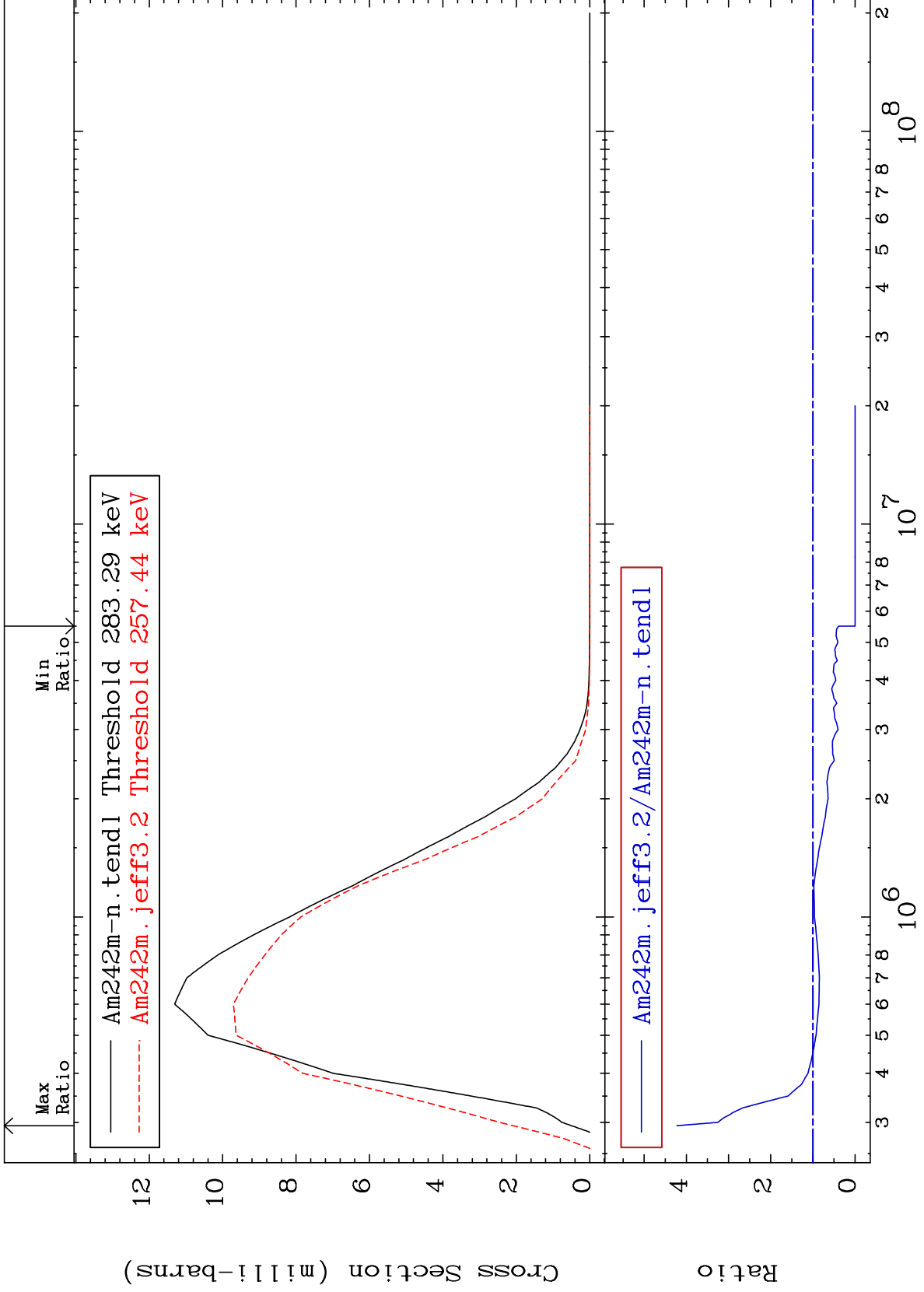
95-Am-242  
-100.0 To 410.3 %



MAT 9547

330.7 keV (n,n') Level  
Cross Section

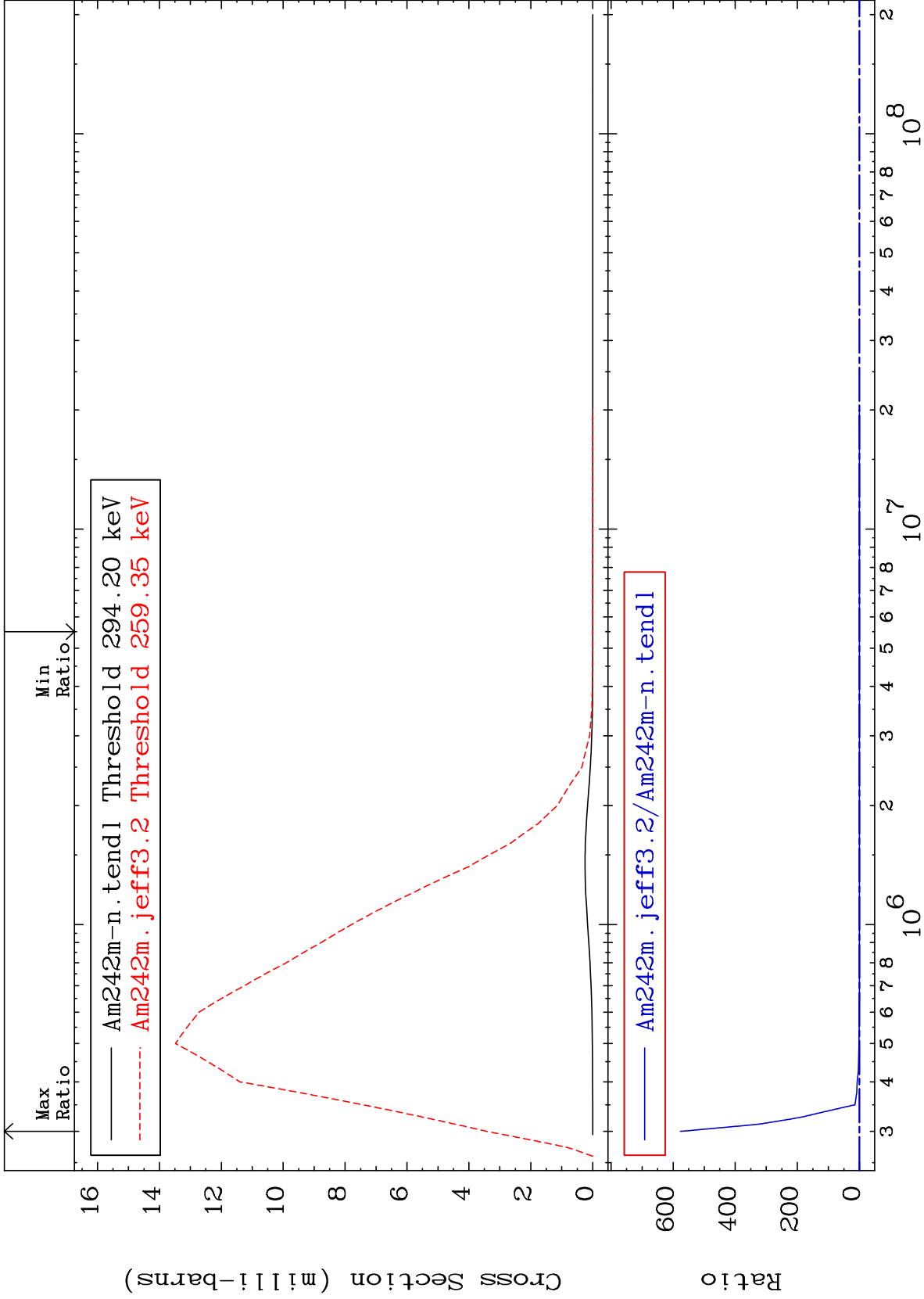
95-Am-242  
-100.0 To 322.3 %



MAT 9547

341.6 keV (n,n') Level  
Cross Section

95-Am-242  
-100.0 To 9999. %



30

95-Am-242

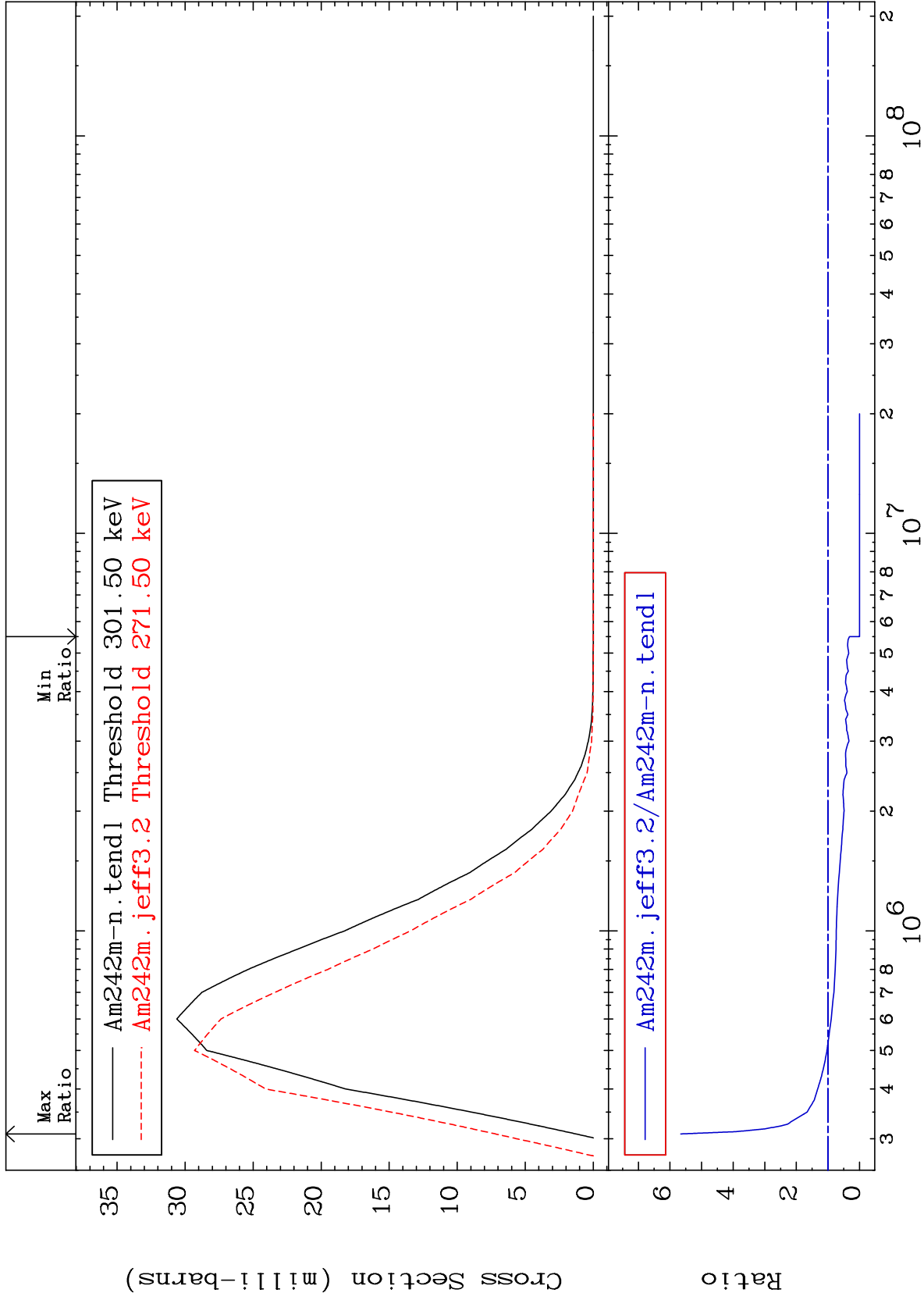
MAT 9547

348.8 keV (n,n') Level

95-Am-242

Cross Section

-100.0 To 465.8 %



31

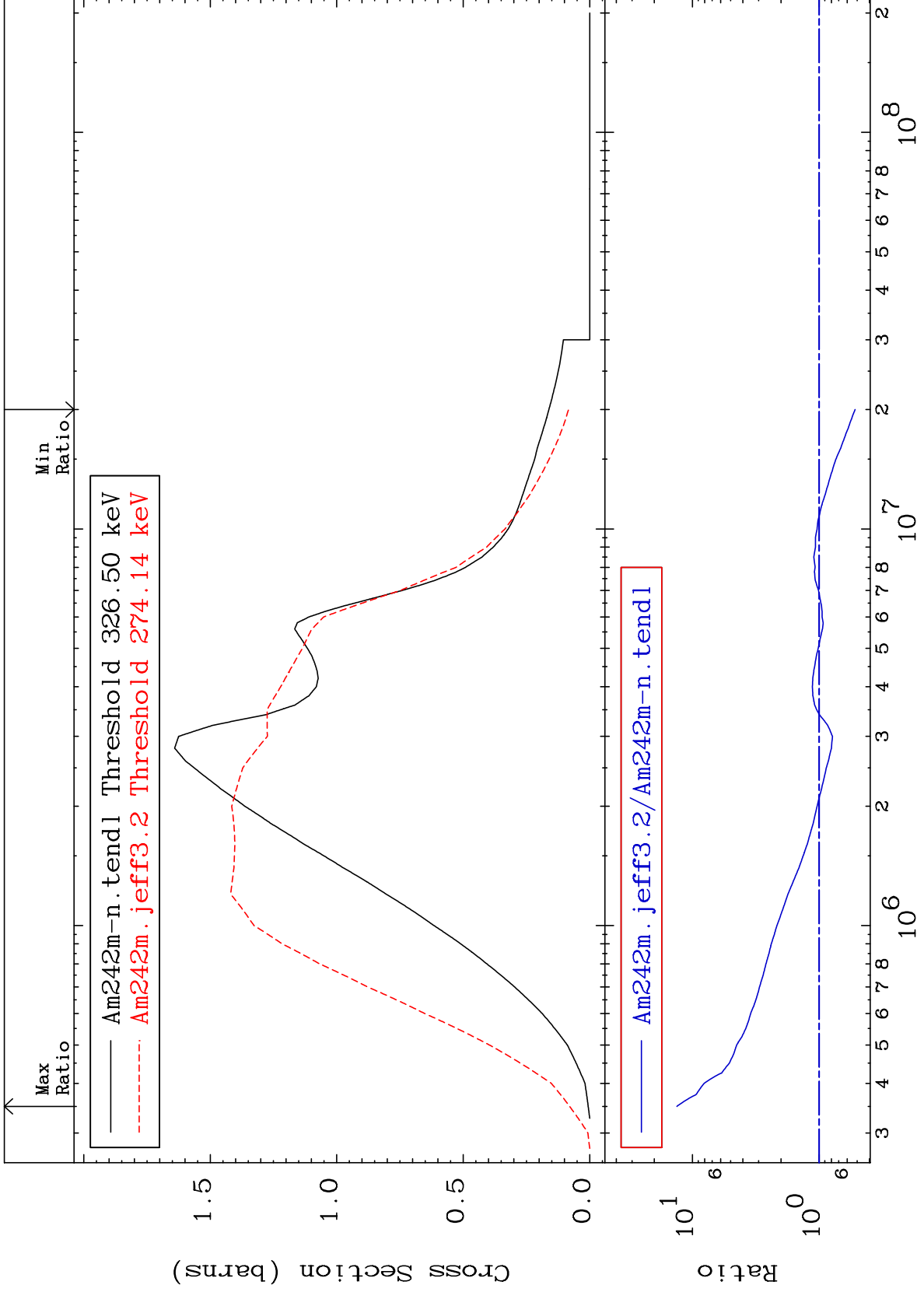
Incident Energy (eV)

95-Am-242

MAT 9547

(n, n') Continuum  
Cross Section

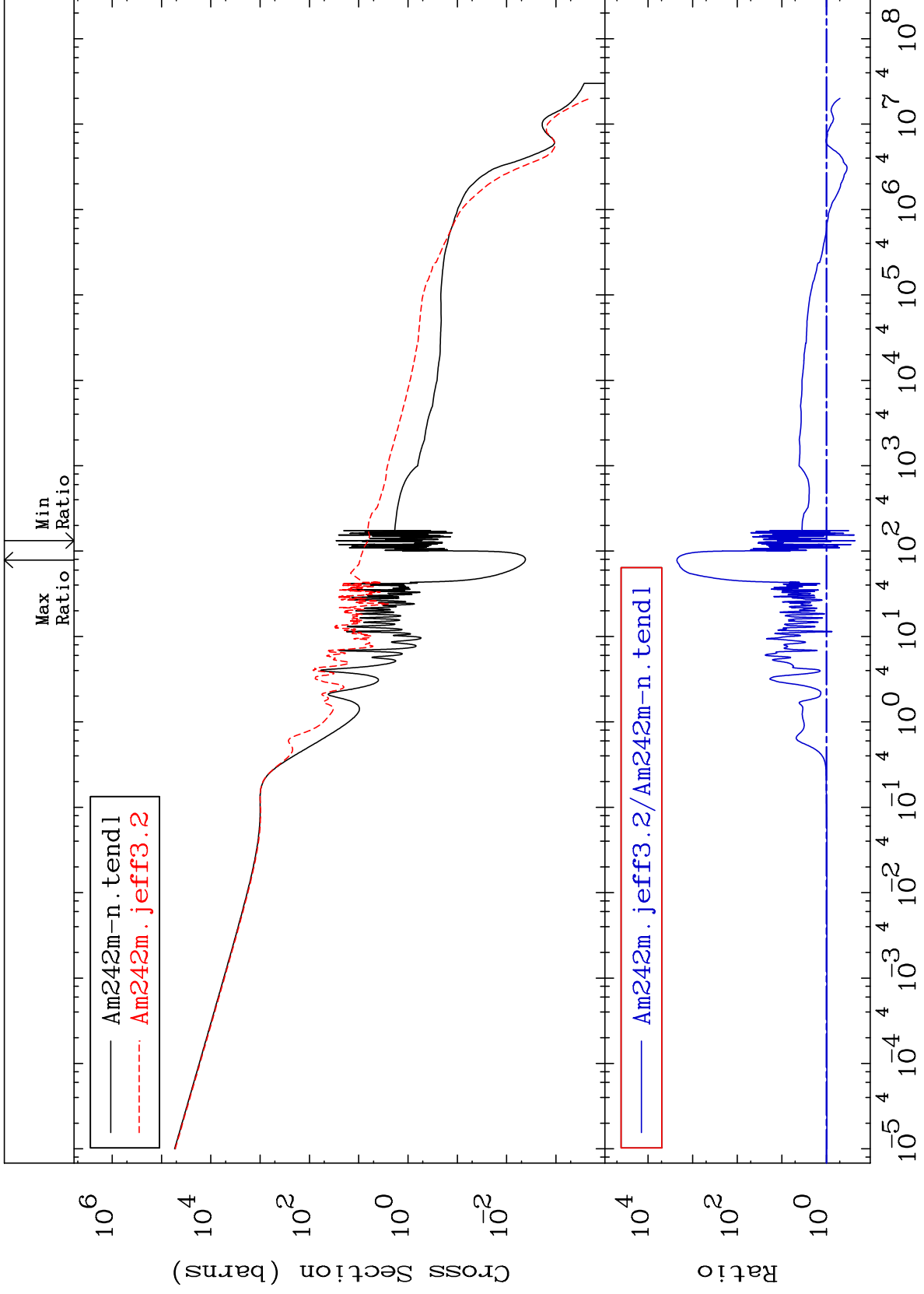
95-Am-242  
-48.03 To 1227. %



MAT 9547

(n,  $\gamma$ )  
Cross Section

95-Am-242  
-77.31 To 9999. %



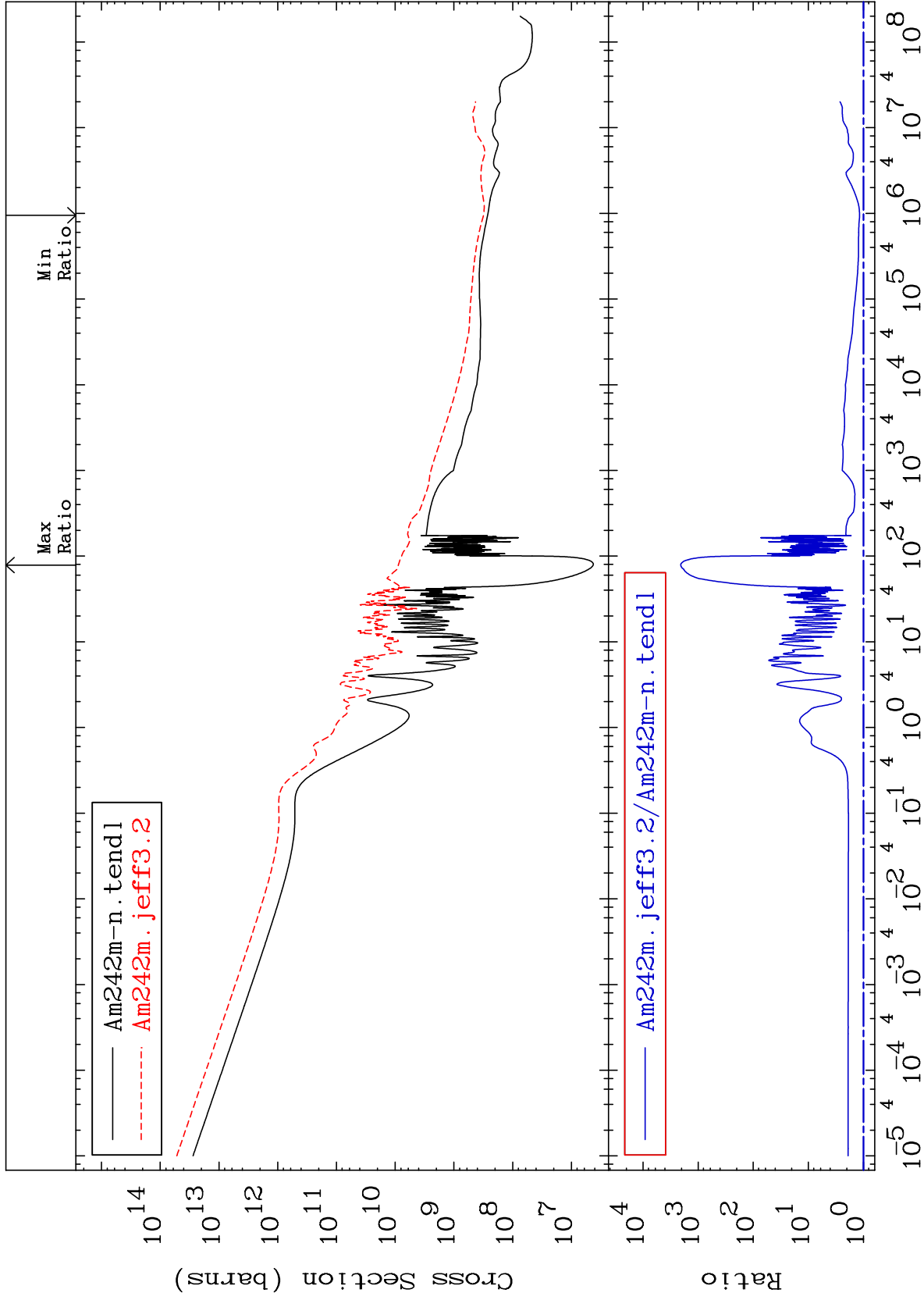
MAT 9547

Kerma total (eV-barns)

95-Am-242

17.49 To 9999. %

Cross Section

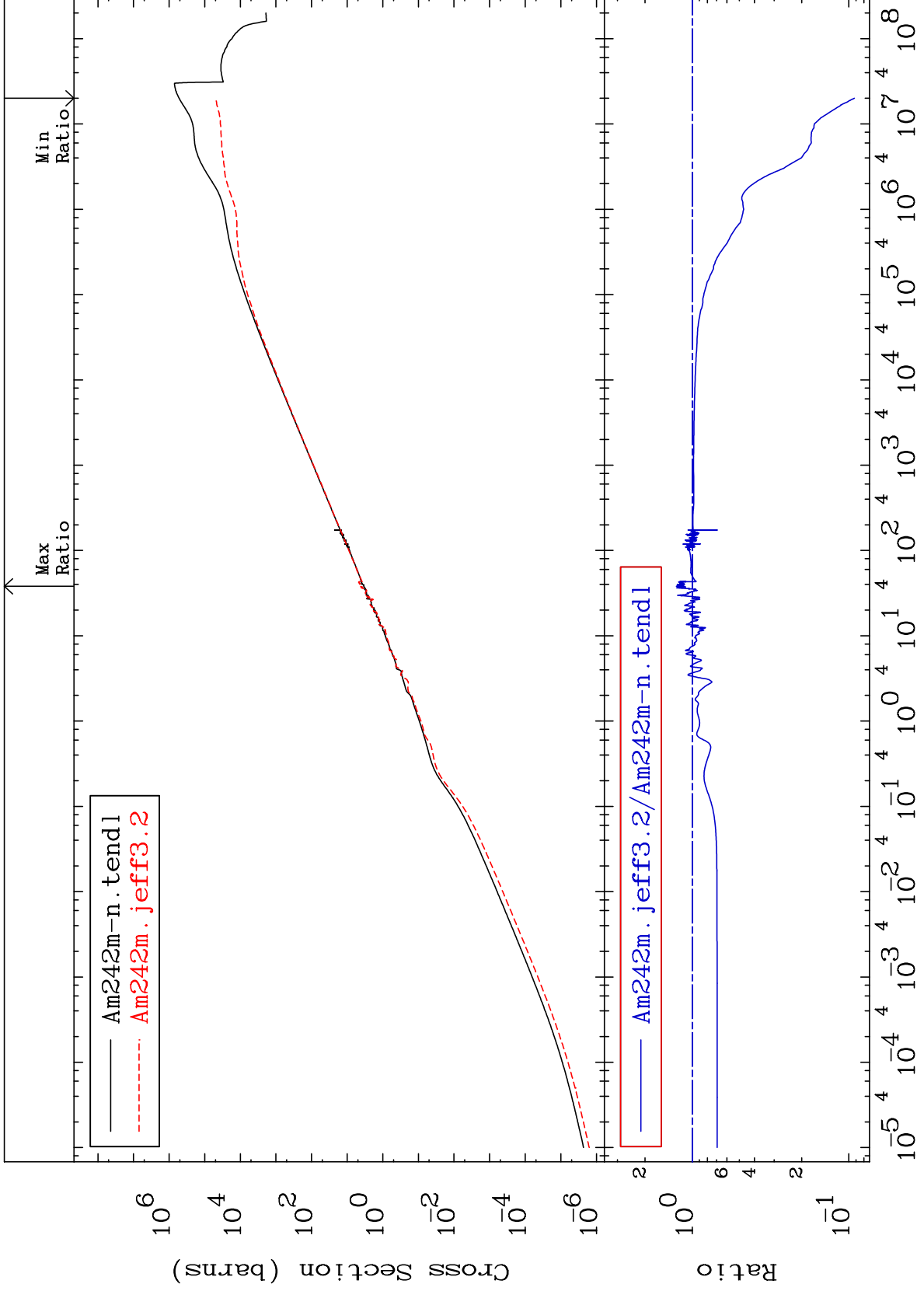


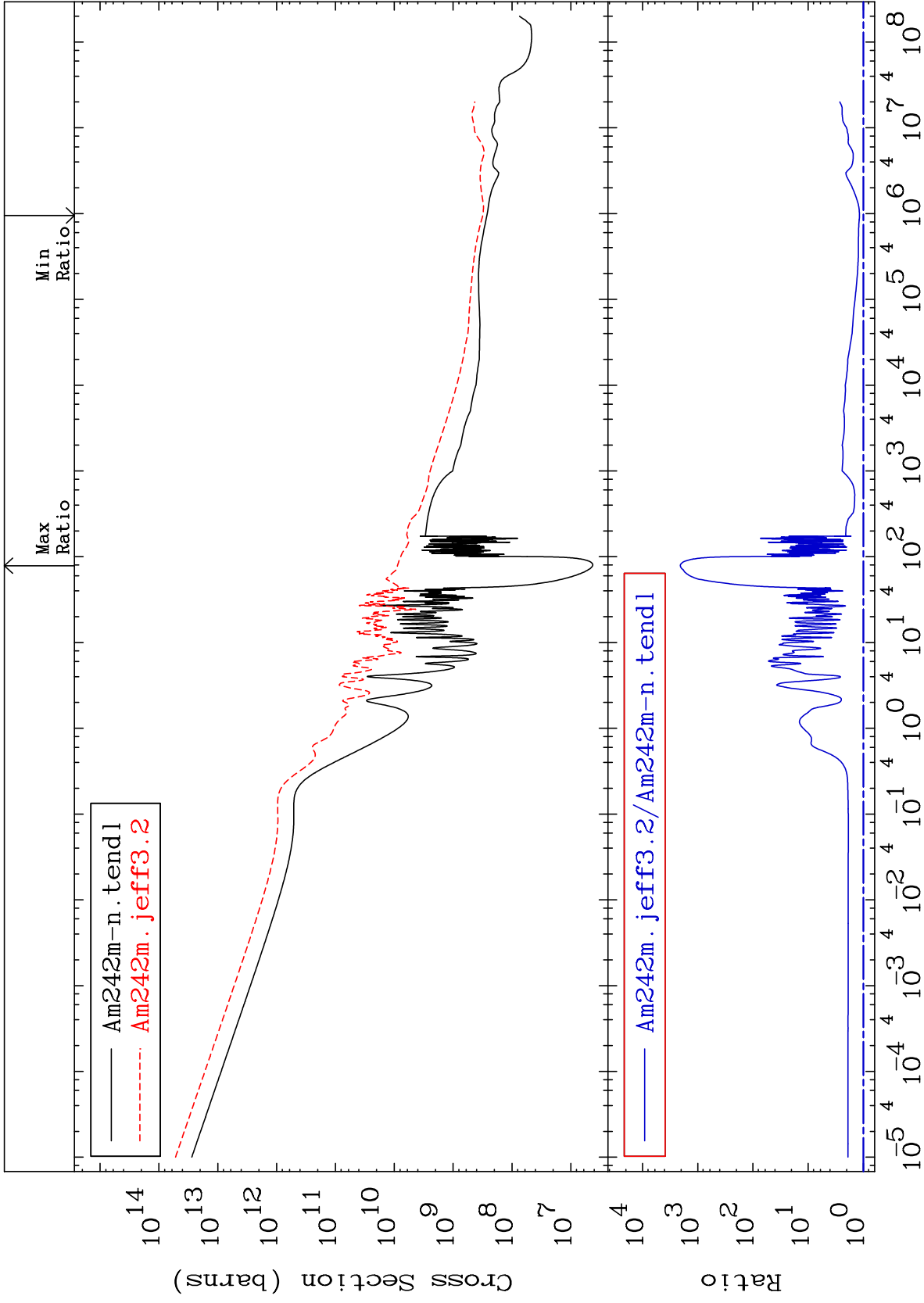


MAT 9547

Kerma elastic  
Cross Section

95-Am-242  
-90.79 To 26.25 %

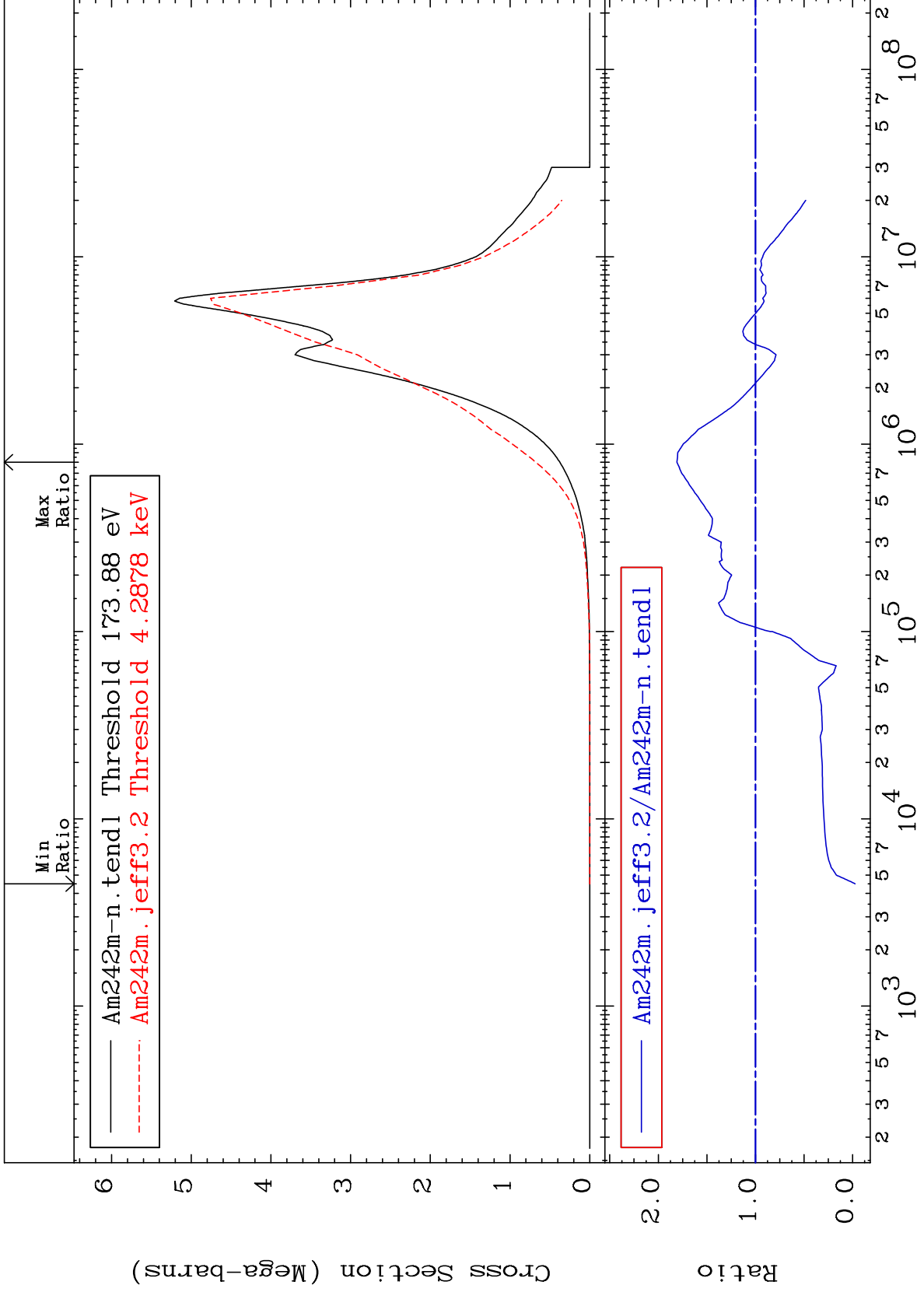




MAT 9547

Kerma inelastic (mt51-91)  
Cross Section

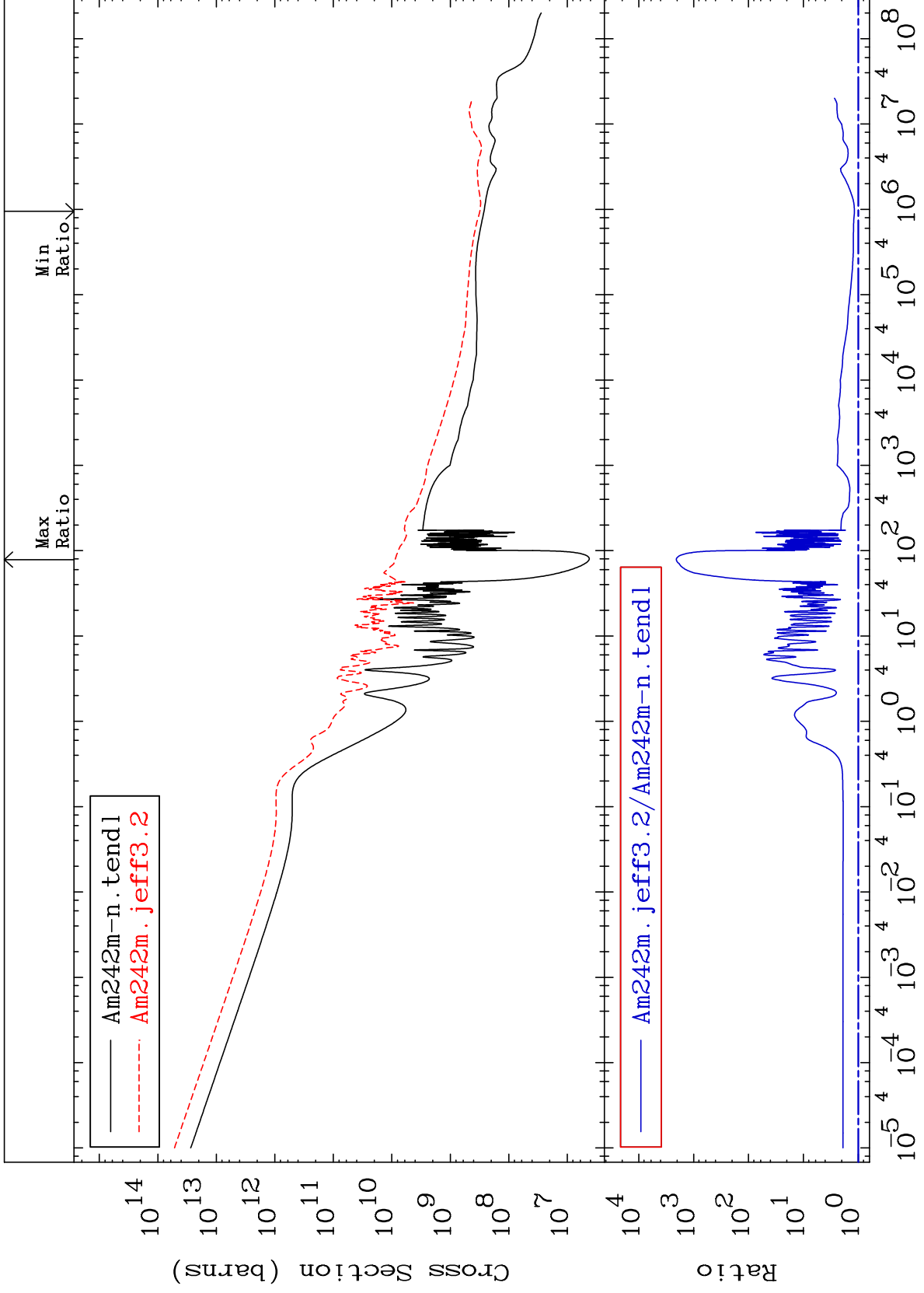
95-Am-242  
-102.6 To 80.84 %



MAT 9547

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

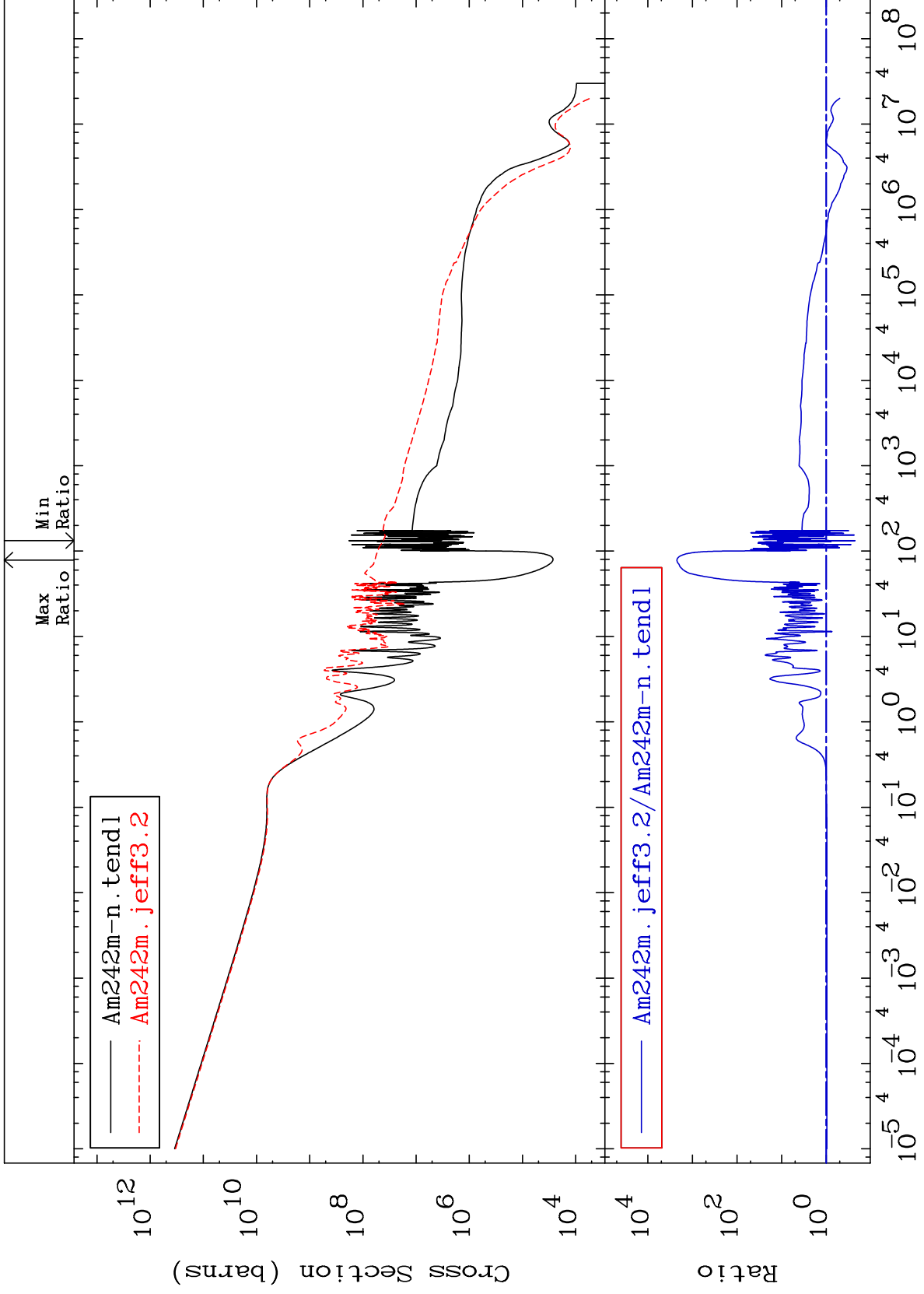
95-Am-242  
17.47 To 9999. %



MAT 9547

Kerma capture (mt102)  
Cross Section

95-Am-242  
-77.46 To 9999. %

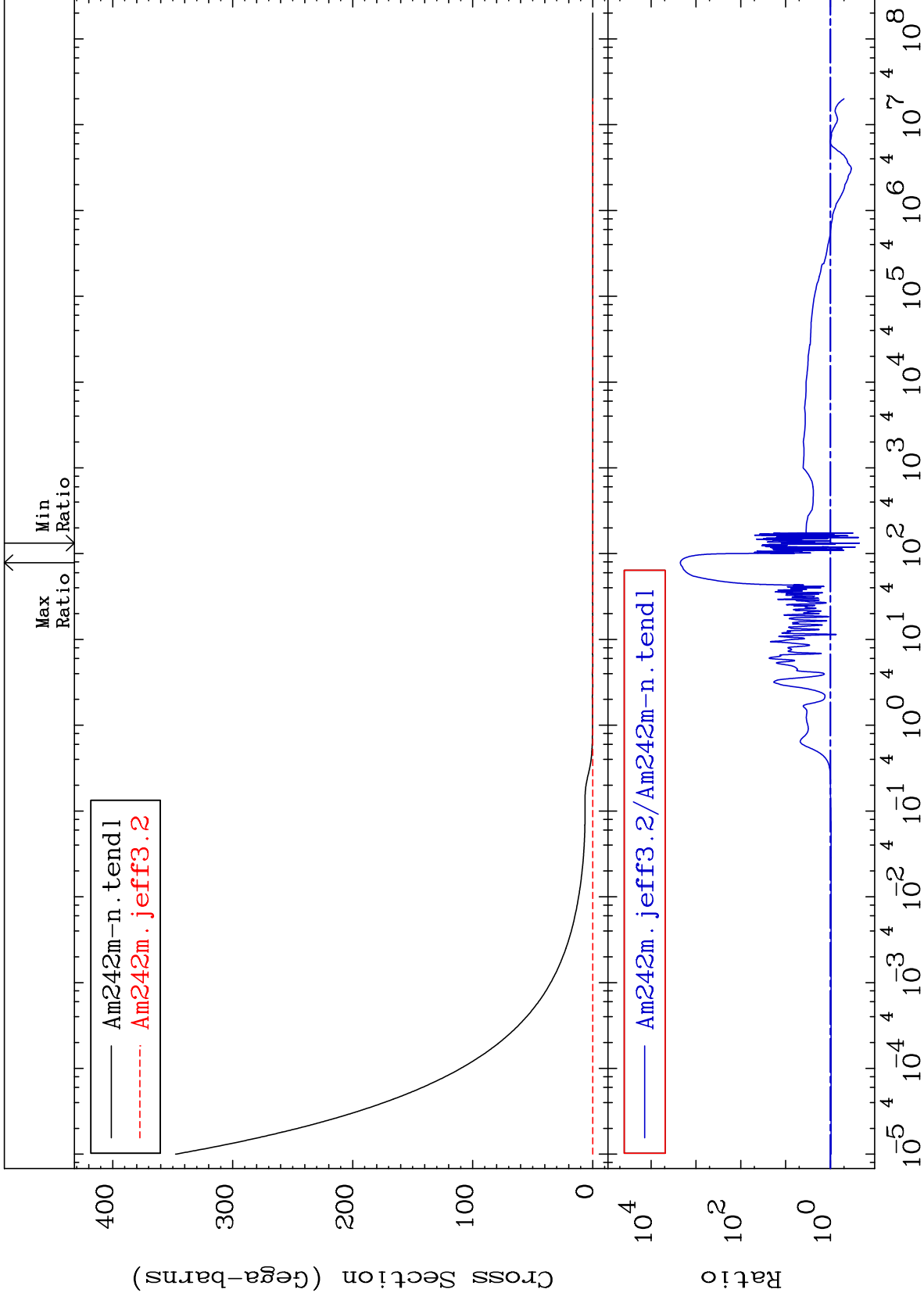


MAT 9547

Total photon (eV-barns)

95-Am-242

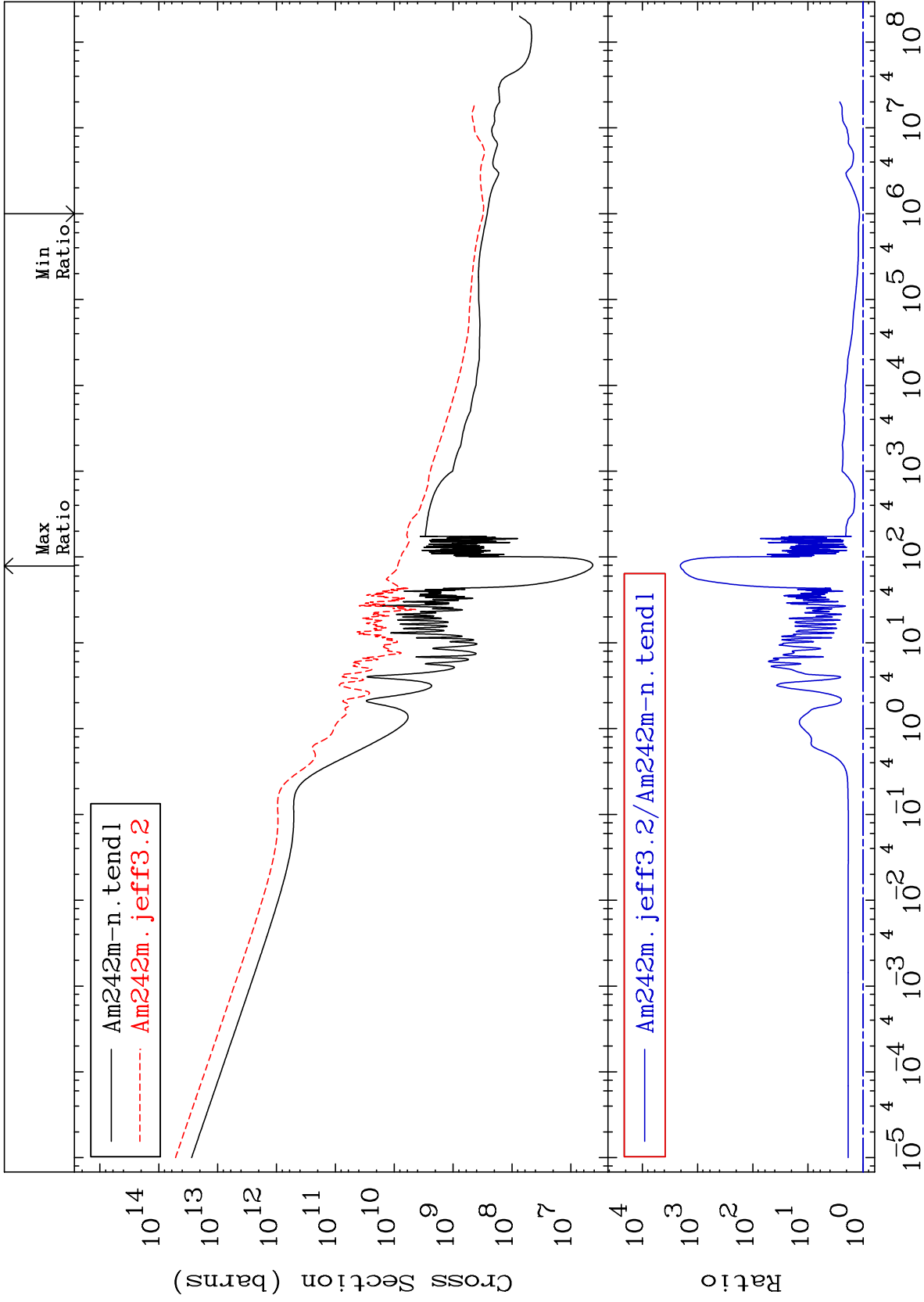
-77.46 To 9999. %



40

Incident Energy (eV)

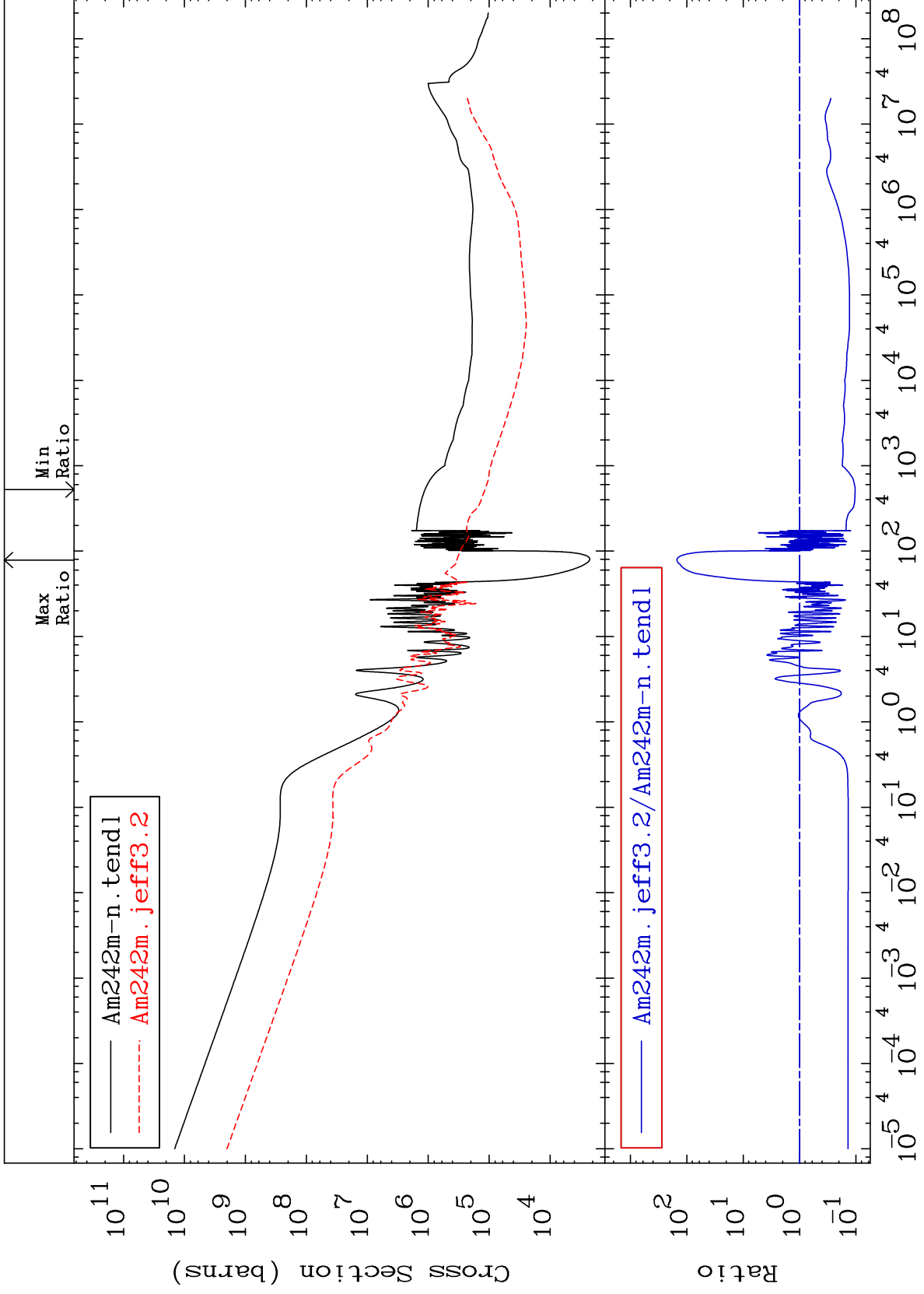
95-Am-242



MAT 9547

Dpa total (eV-barns)  
Cross Section

95-Am-242  
-89.63 To 9999. %

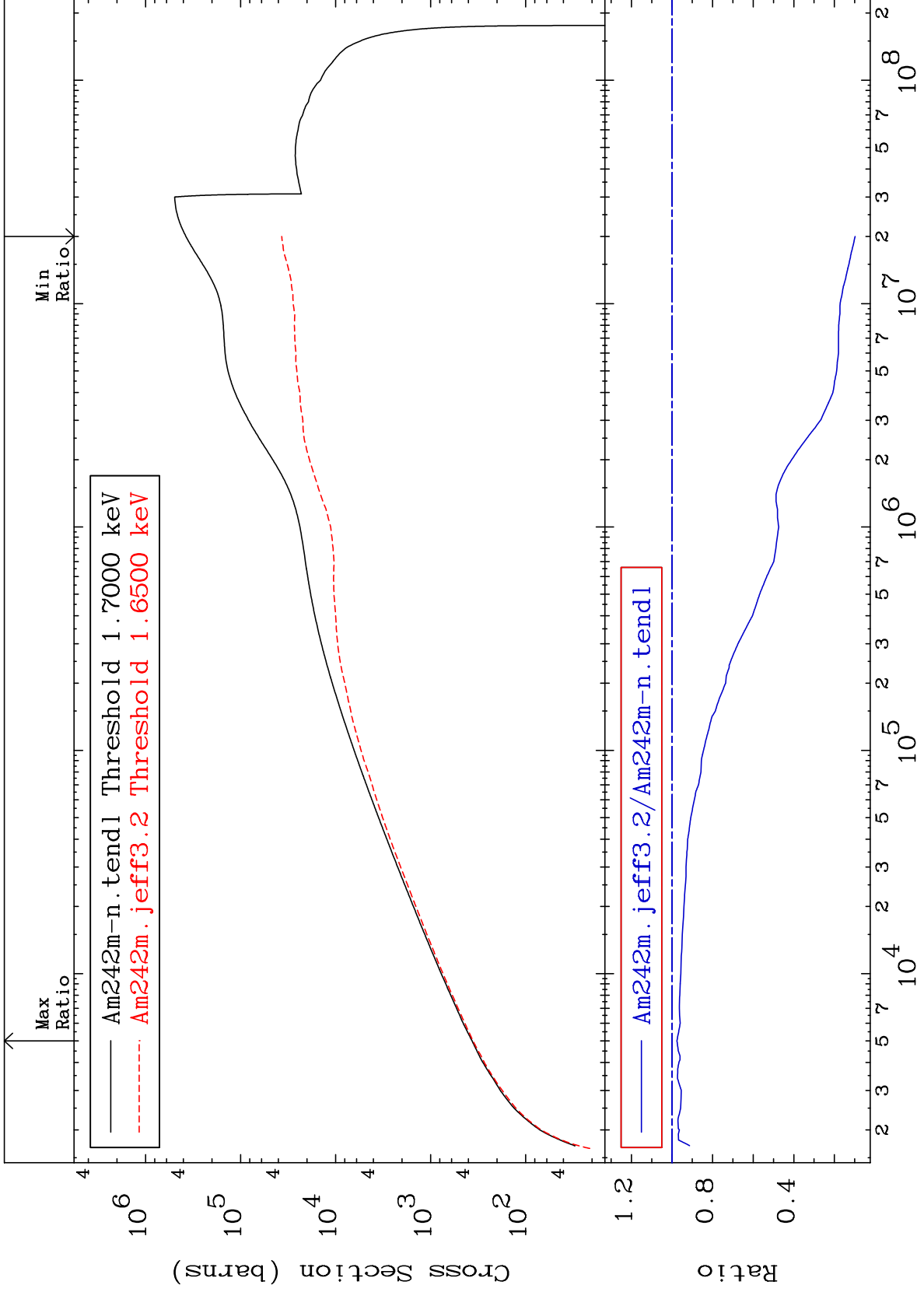




MAT 9547

Dpa elastic (mt2)  
Cross Section

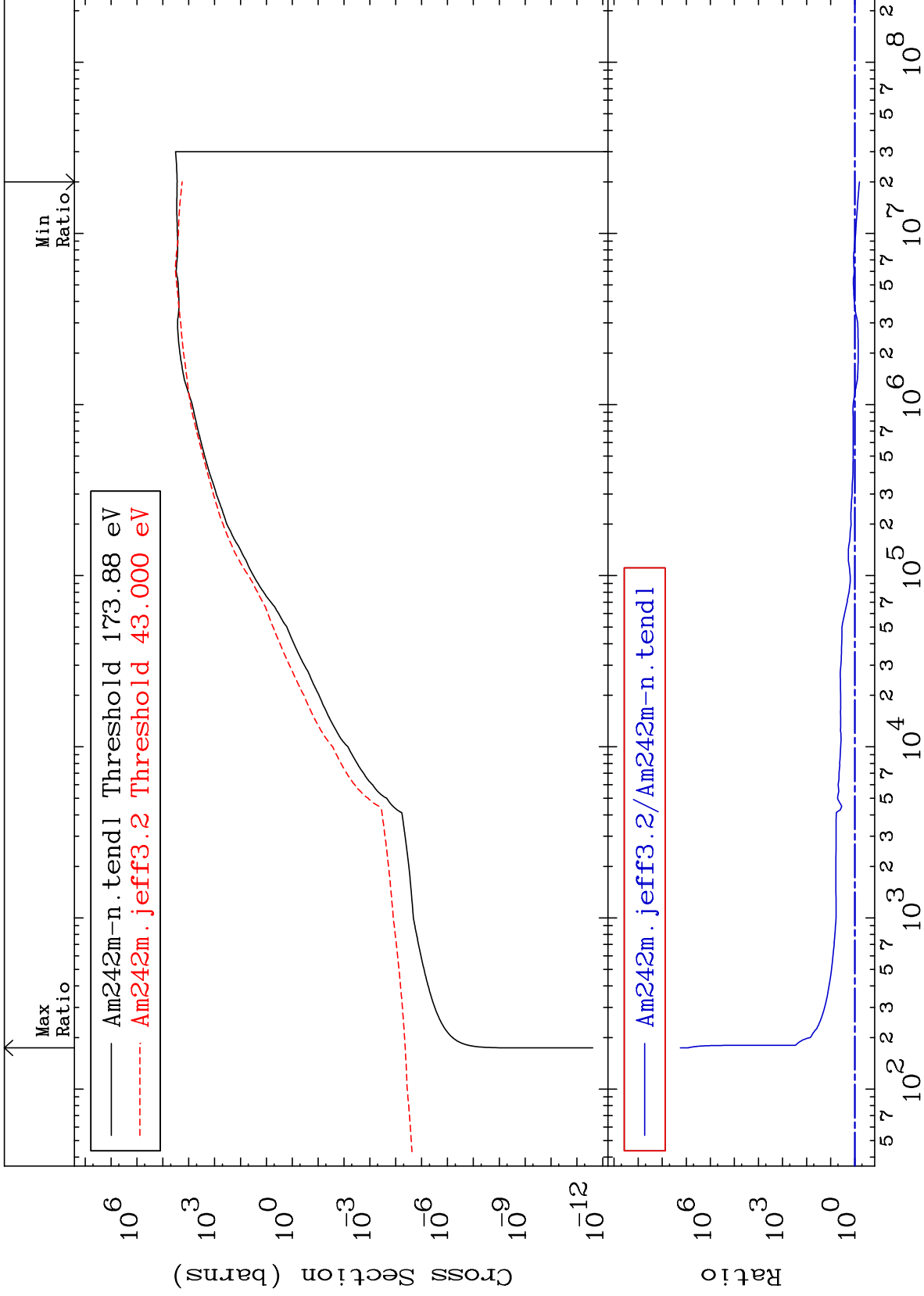
95-Am-242  
-90.20 To -2.415%



MAT 9547

Dpa inelastic (mt51-91)  
Cross Section

95-Am-242  
-36.14 To 9999. %



MAT 9547

Dpa disappearance (mt102 -120)  
Cross Section

95-Am-242  
-99.46 To 9999. %

