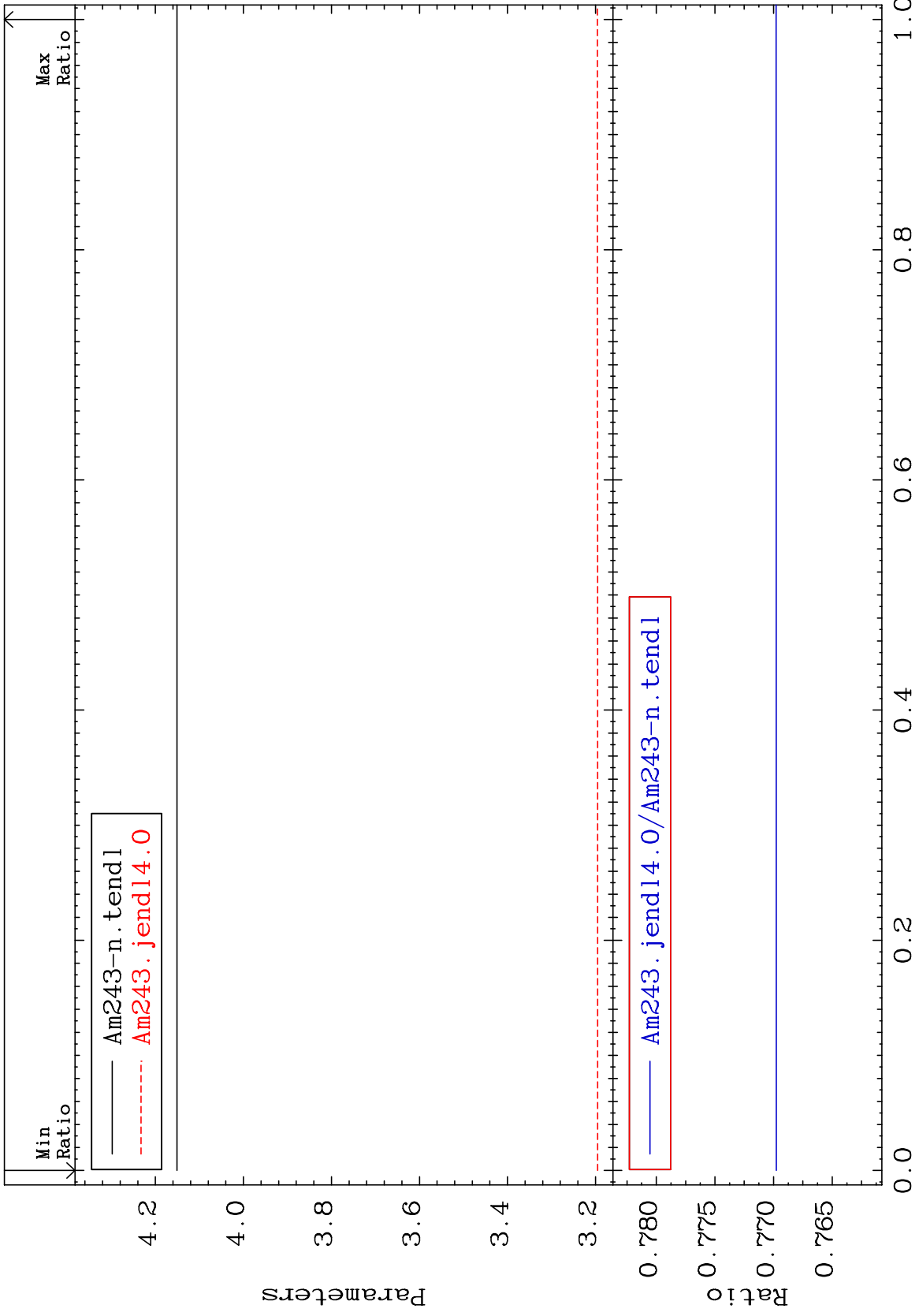


MAT 9549

Total $\bar{\nu}$
Parameters

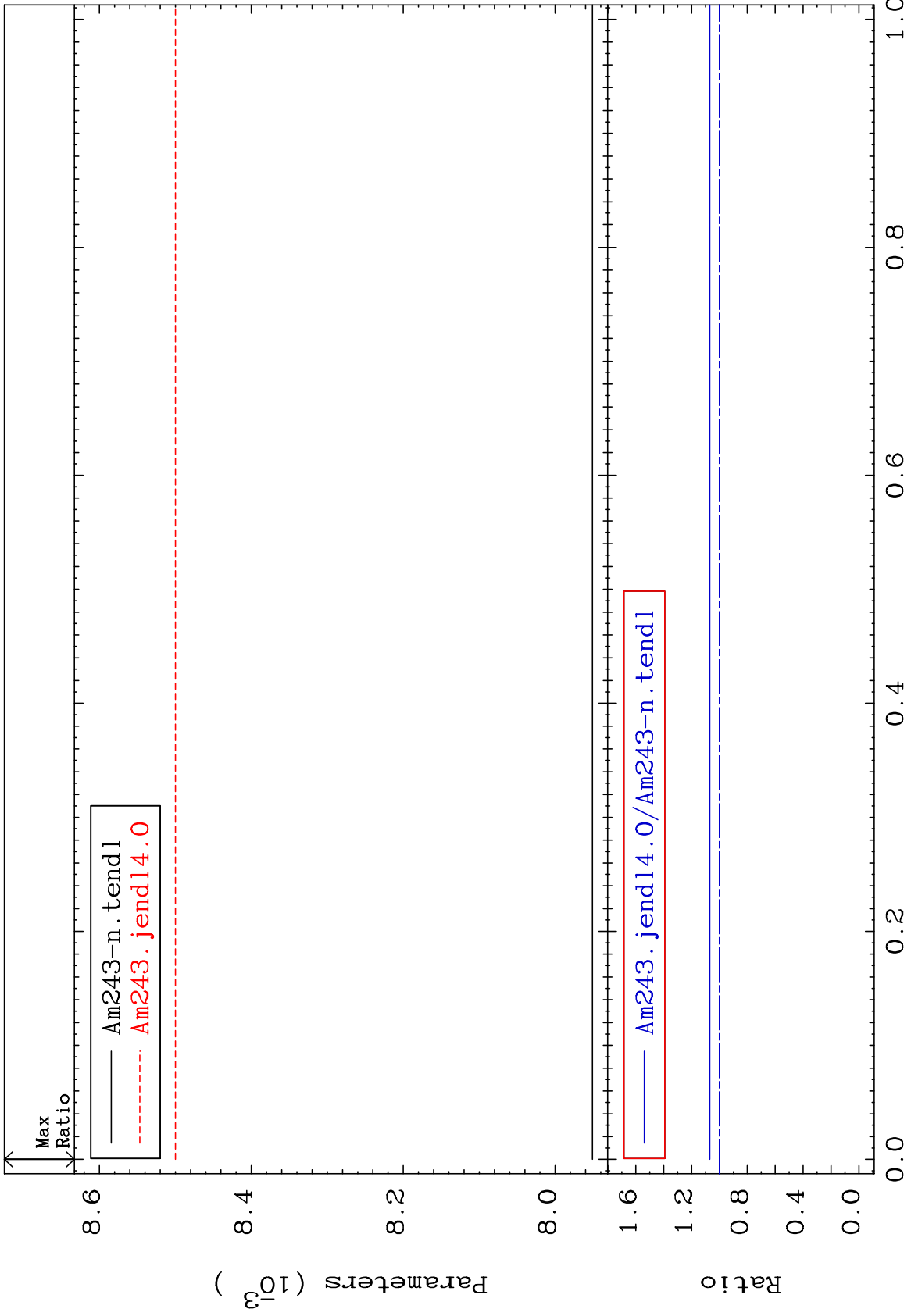
95-Am-243
-23.02 To -23.02%



MAT 9549

Delayed $\bar{\nu}$
Parameters

95-Am-243
6.904 To 6.904 %



2

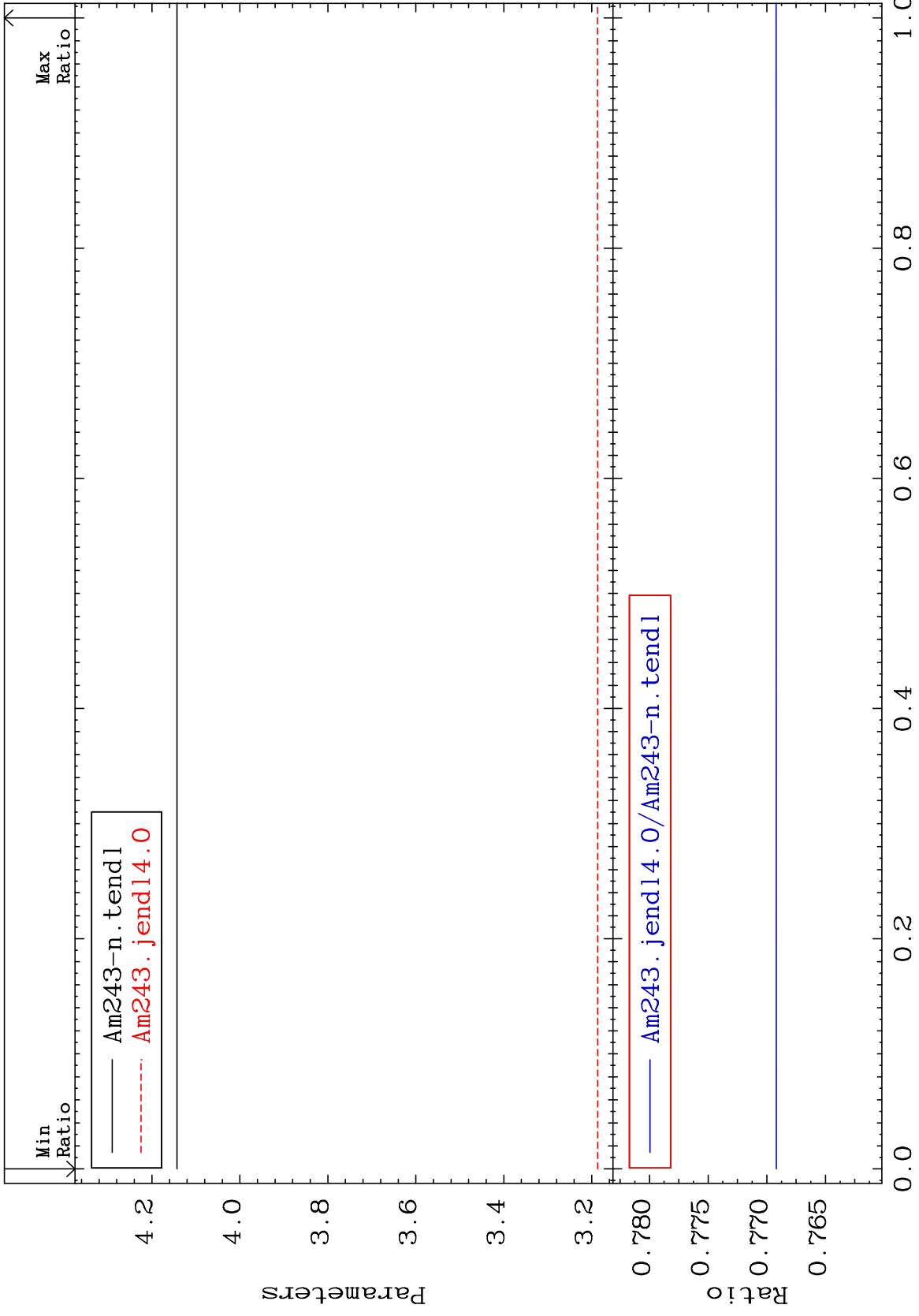
Incident Energy (KeV)

95-Am-243

MAT 9549

Prompt $\bar{\nu}$
Parameters

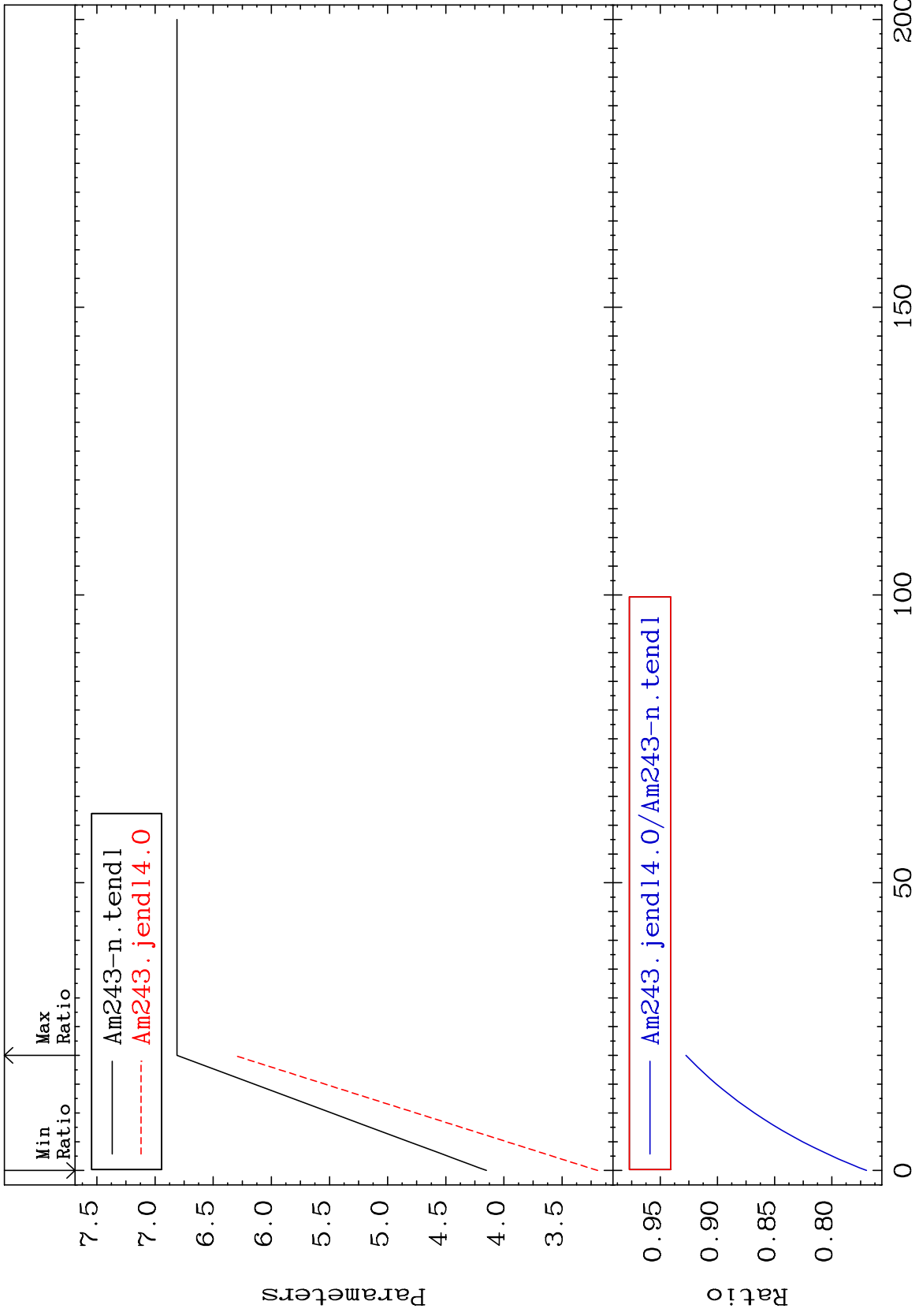
95-Am-243
-23.08 To -23.08%



MAT 9549

Total $\bar{\nu}$
Parameters

95-Am-243
-23.02 To -7.248%



1

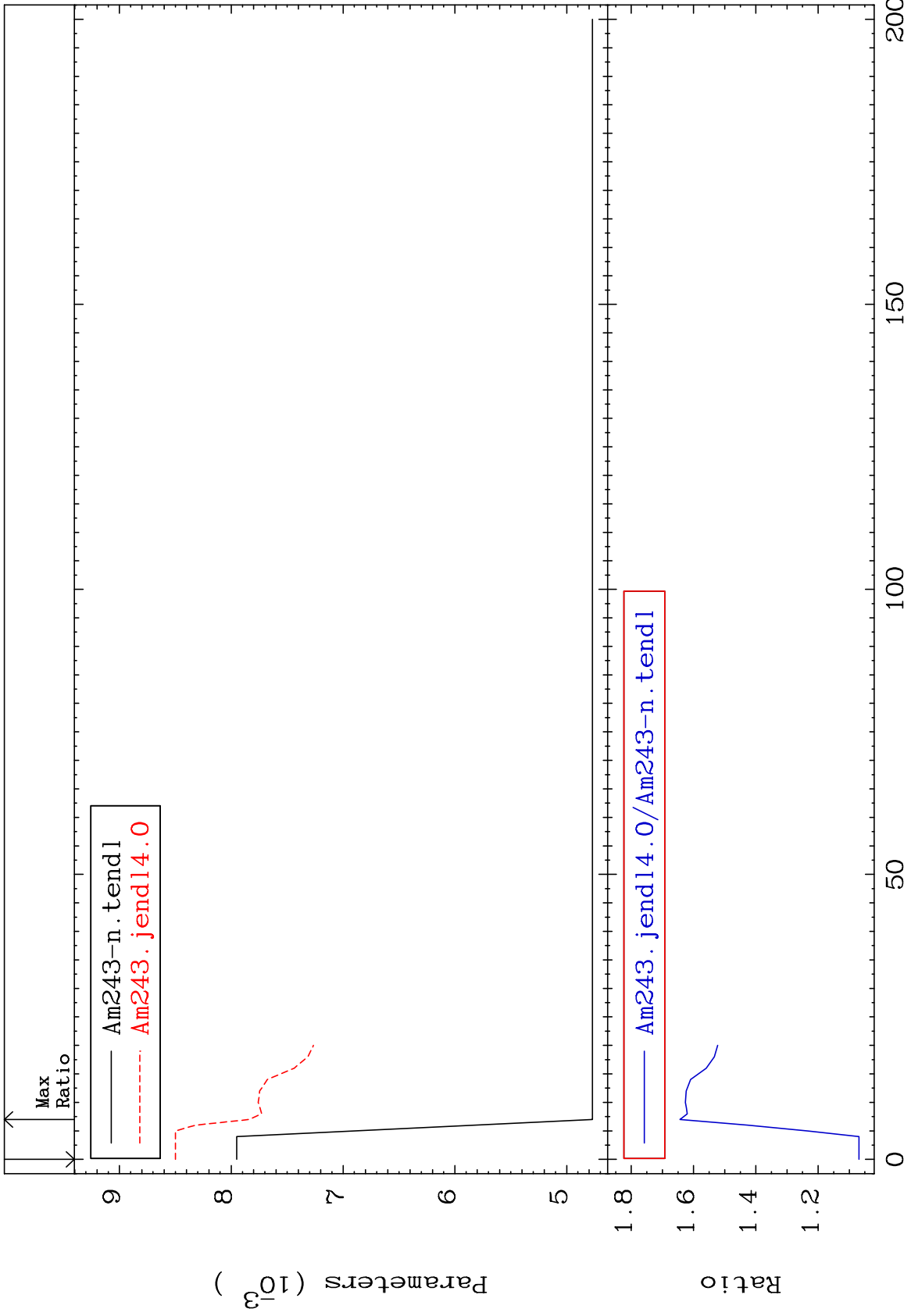
Incident Energy (MeV)

95-Am-243

MAT 9549

Delayed $\bar{\nu}$
Parameters

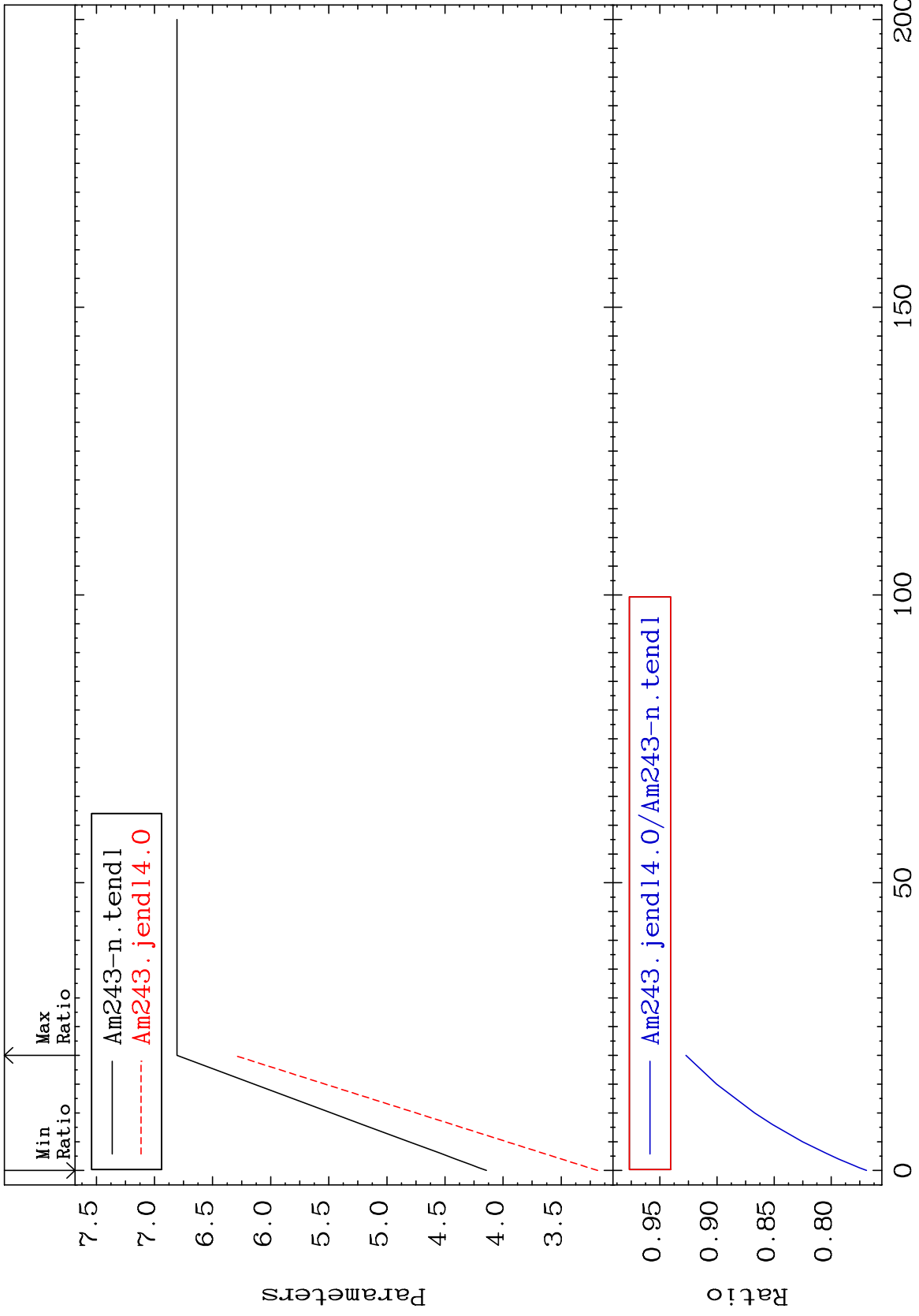
95-Am-243
6.904 To 64.35 %



95-Am-243

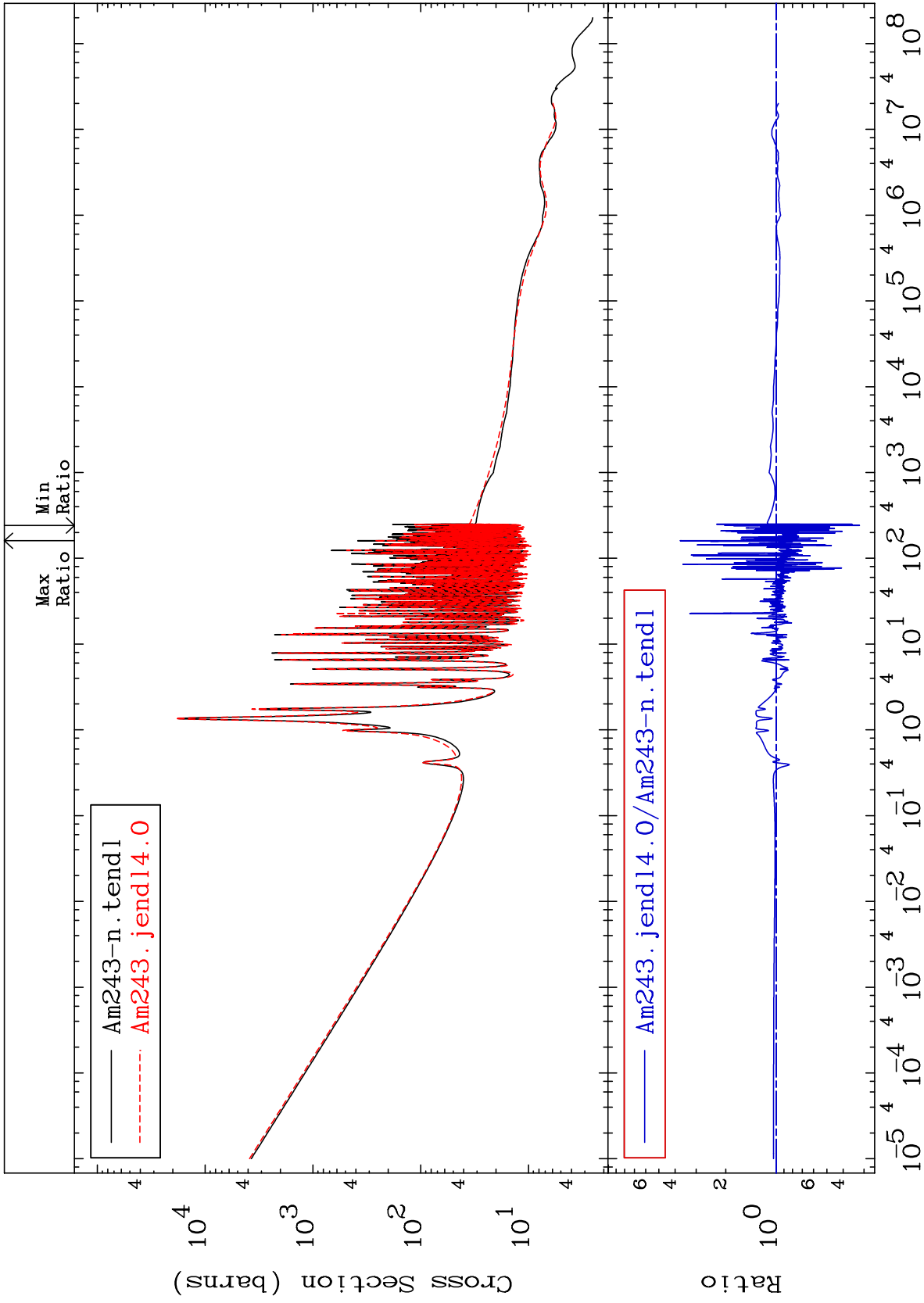
Incident Energy (MeV)

2



MAT 9549

Total Cross Section
95-Am-243
-68.01 To 272.6 %



Incident Energy (eV)

95-Am-243

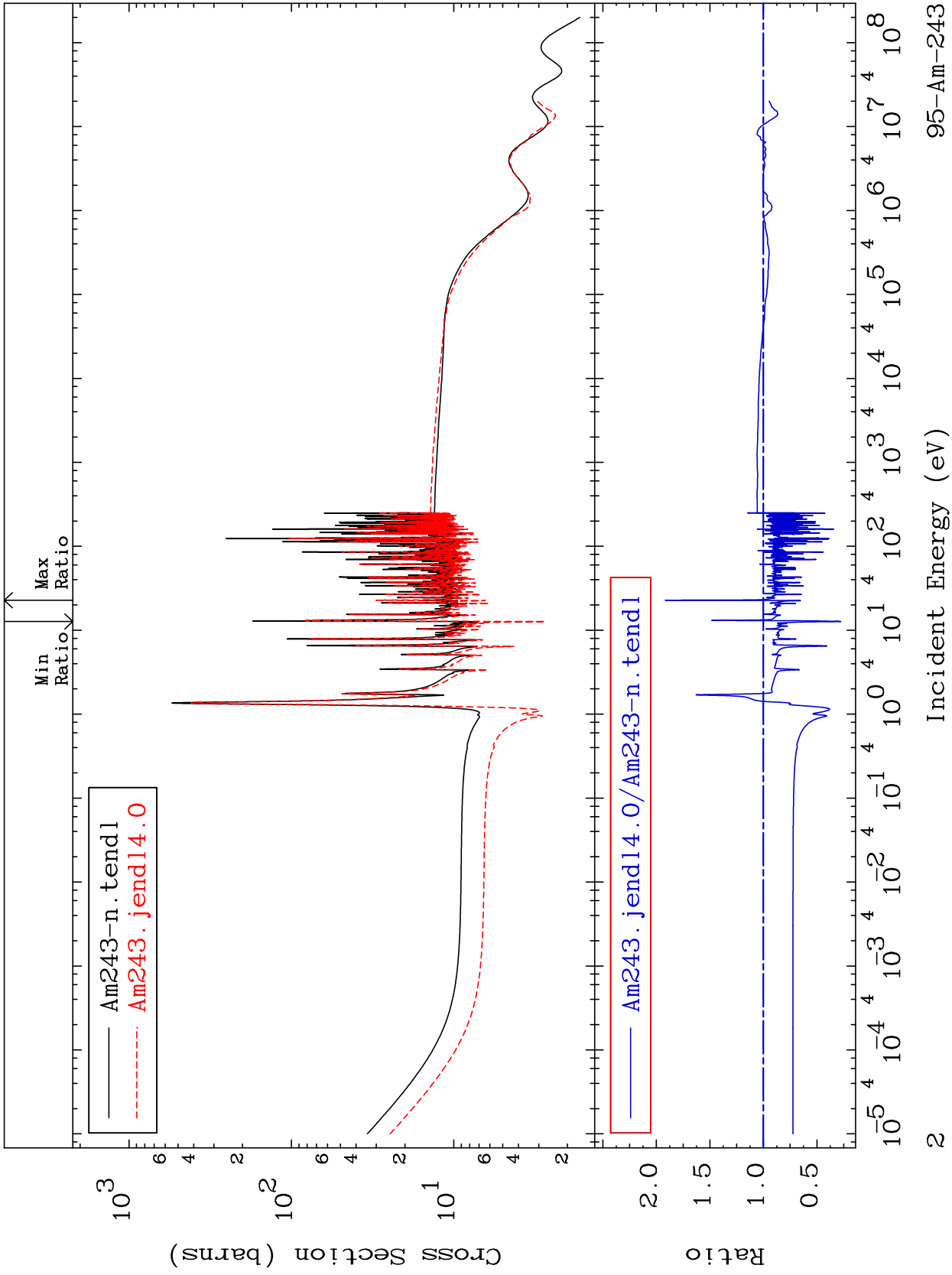
MAT 9549

Elastic

95-Am-243

Cross Section

-72.17 To 91.47 %

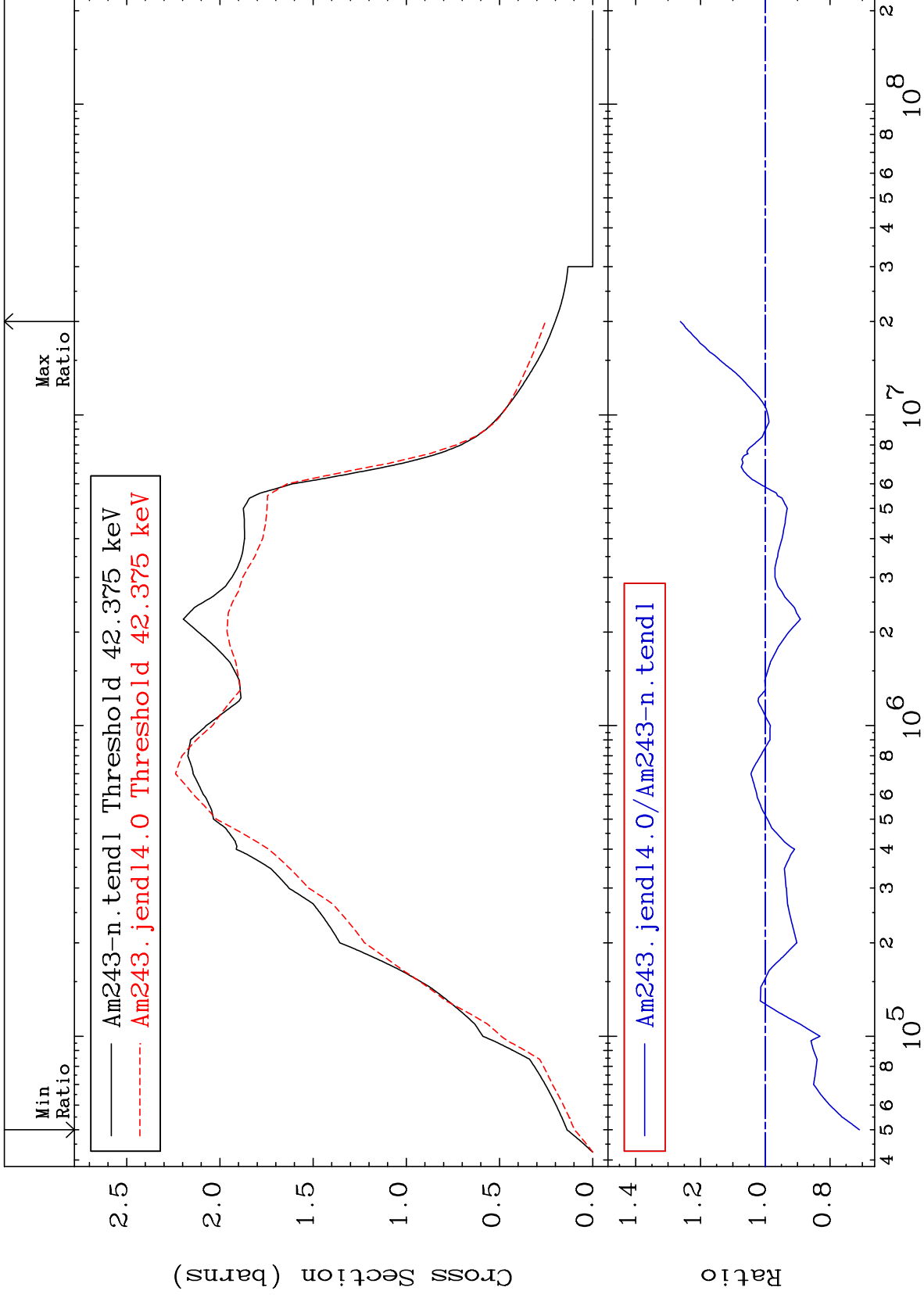


95-Am-243

MAT 9549

Inelastic
Cross Section

95-Am-243
-29.10 To 26.21 %



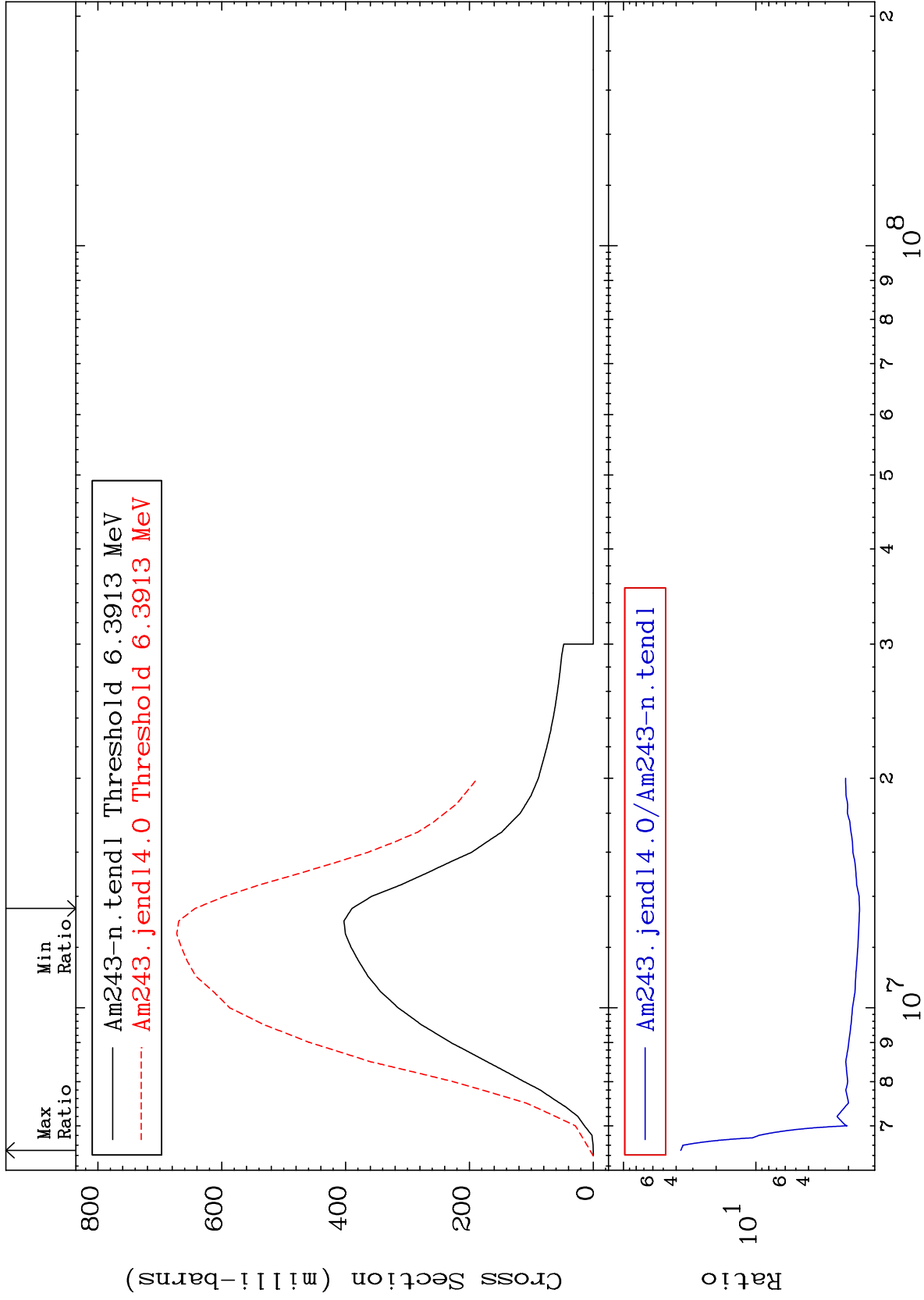
MAT 9549

(n,2n)

95-Am-243

Cross Section

65.02 To 3591. %



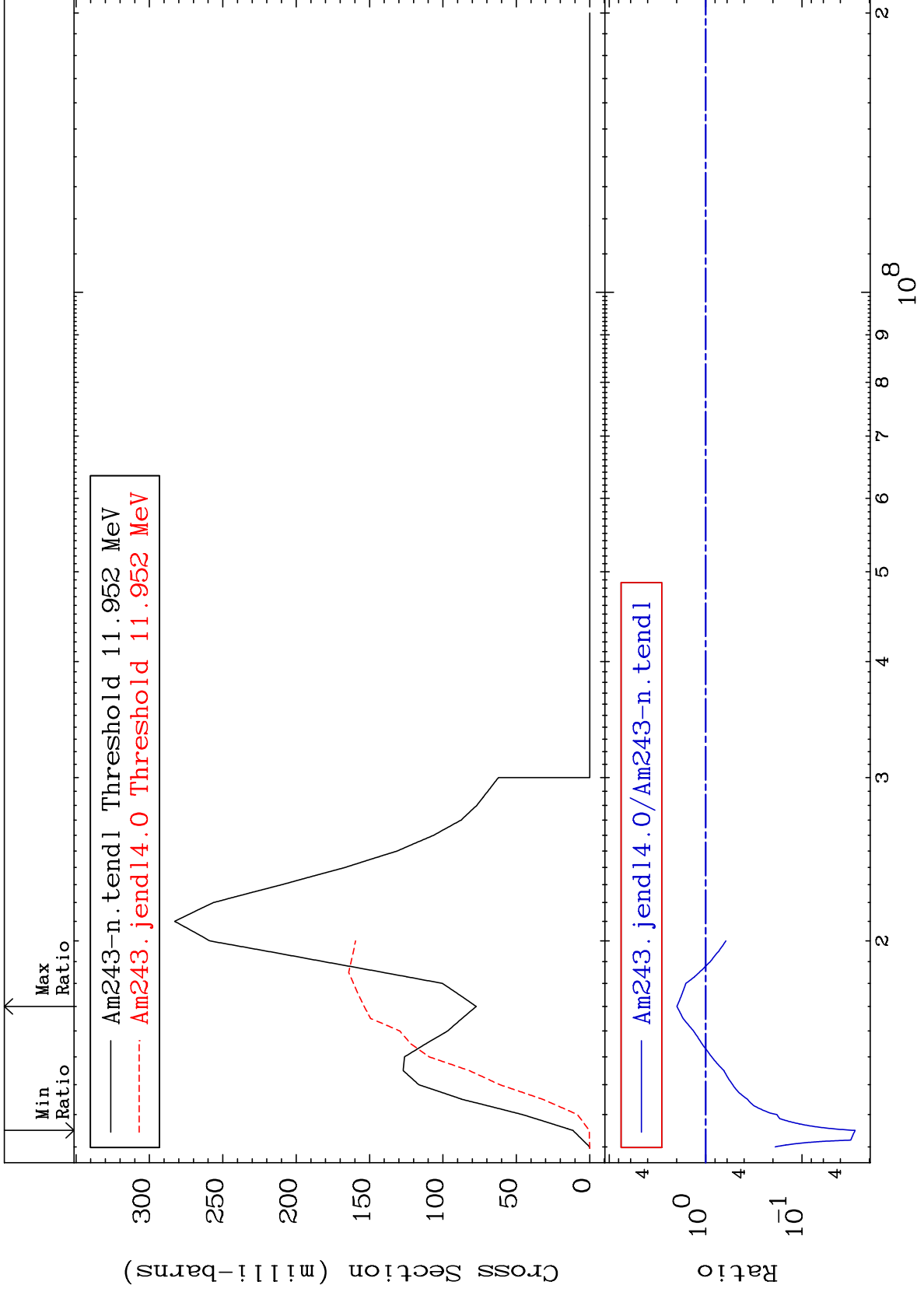
4

95-Am-243

MAT 9549

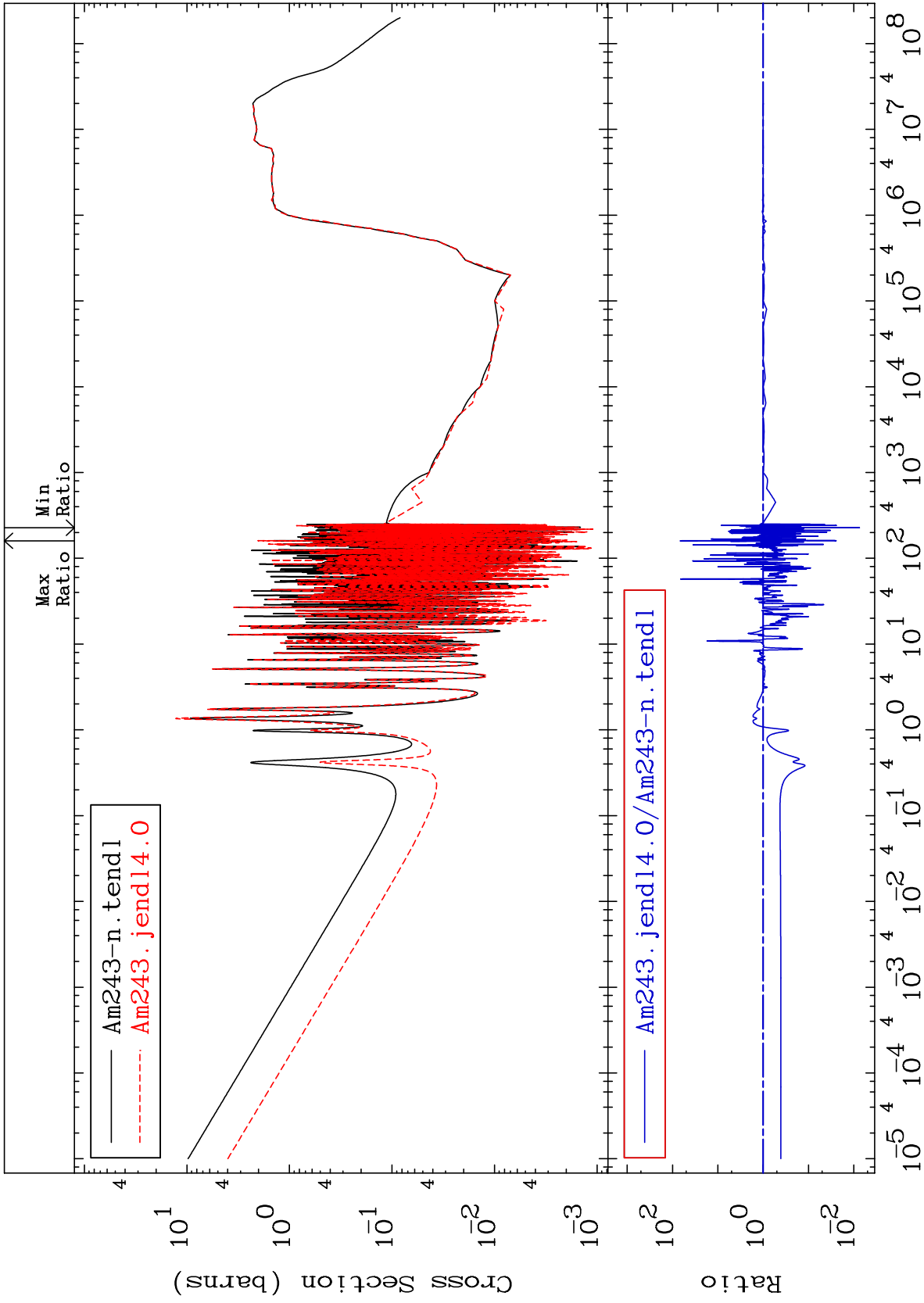
(n,3n)
Cross Section

95-Am-243
-97.18 To 98.70 %



MAT 9549

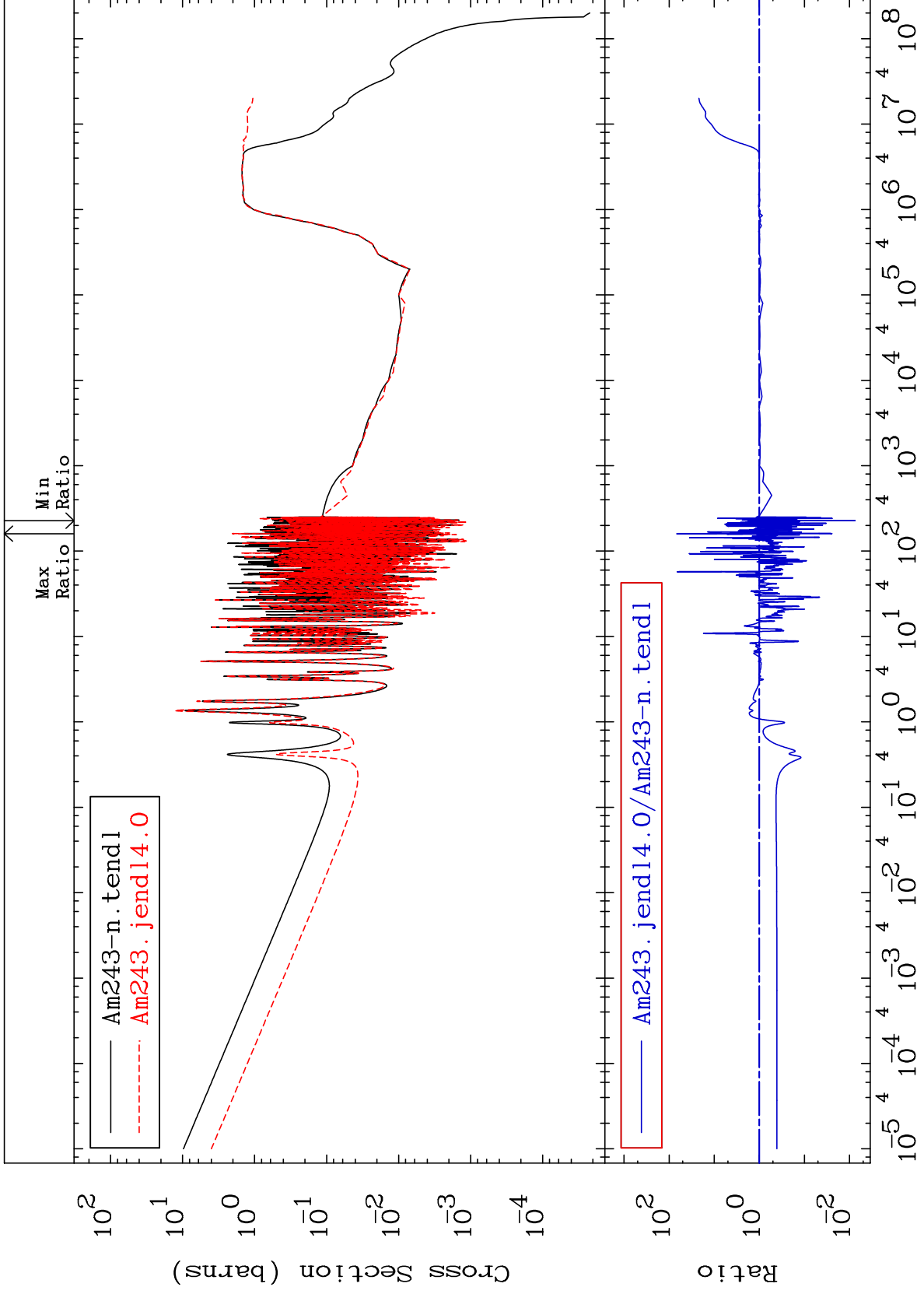
Fission Cross Section 95-Am-243
-99.25 To 6625. %

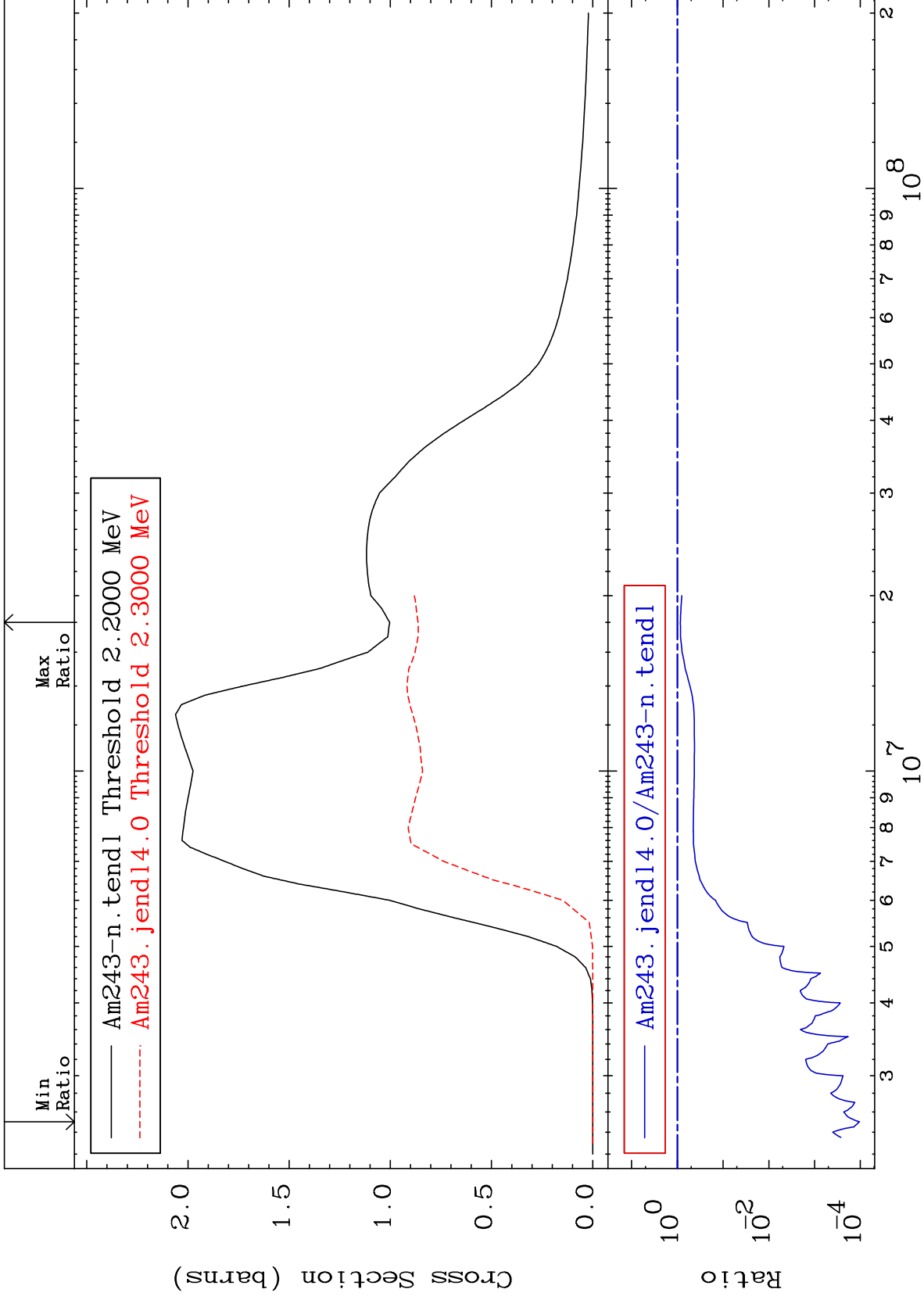


MAT 9549

(n,f) First Chance
Cross Section

95-Am-243
-99.25 To 6625. %

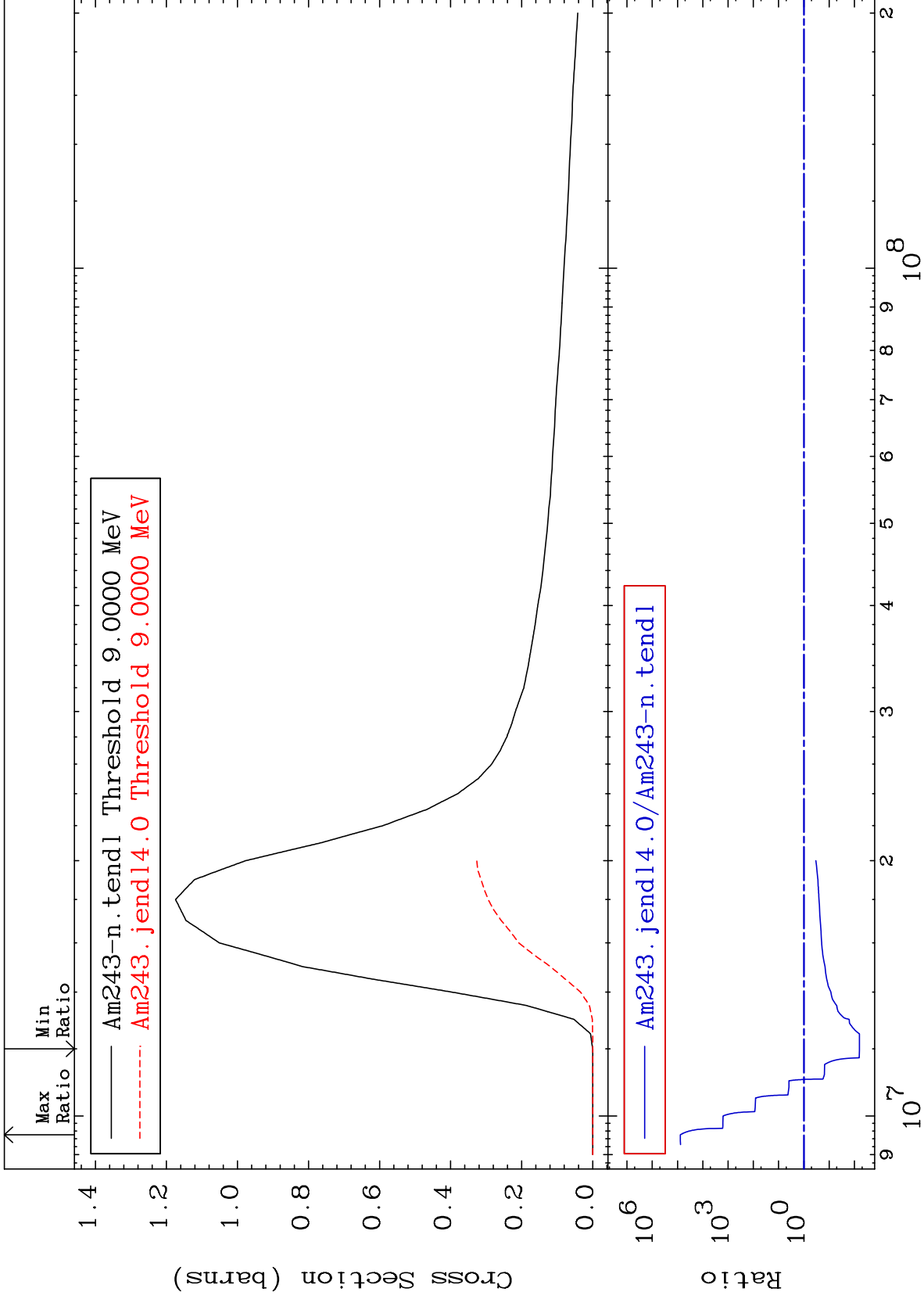




MAT 9549

(n,2nf) Third Chance
Cross Section

95-Am-243
-99.37 To 9999. %



9

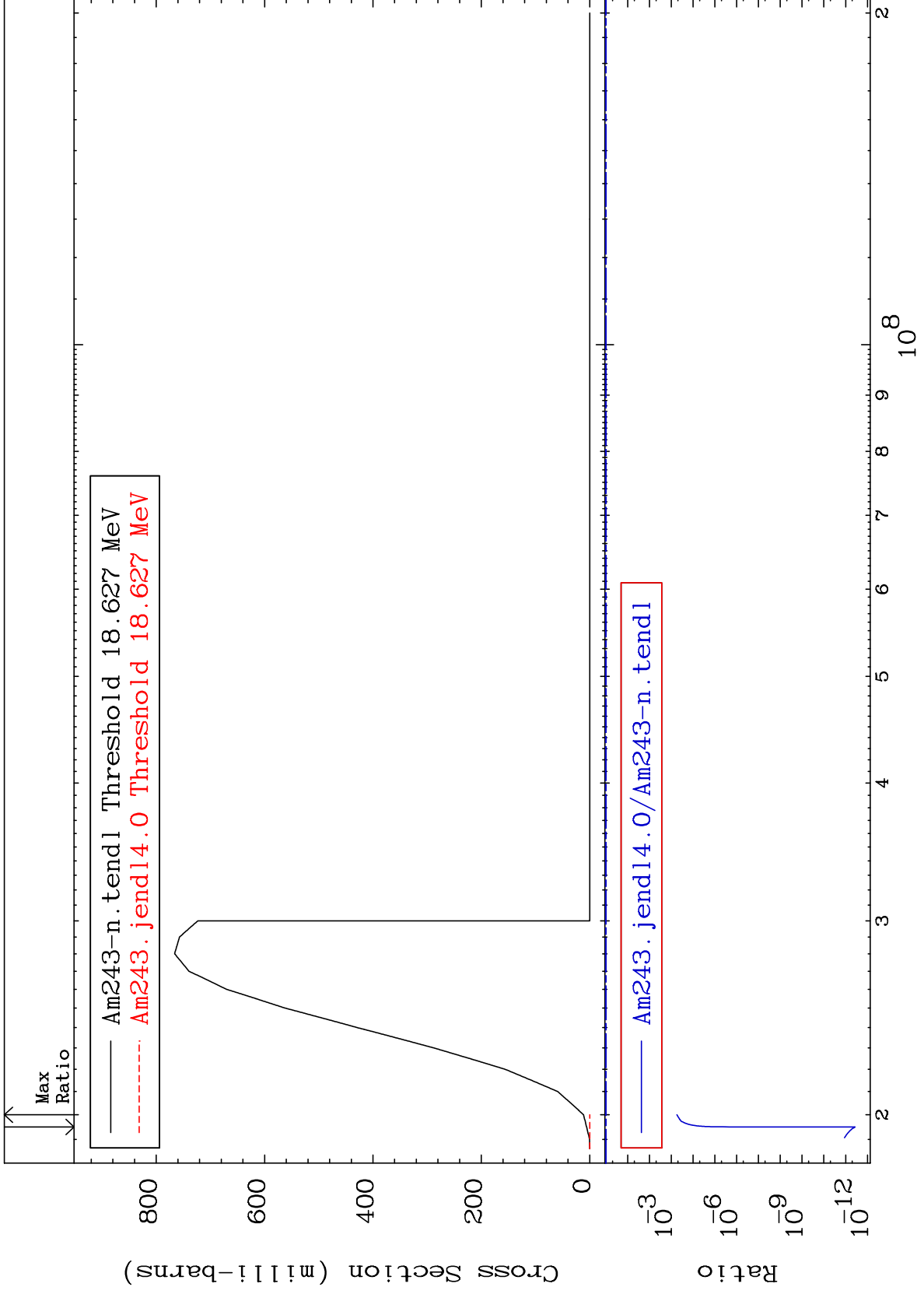
Incident Energy (eV)

95-Am-243

MAT 9549

(n,4n)
Cross Section

95-Am-243
-100.0 To -99.94%



10

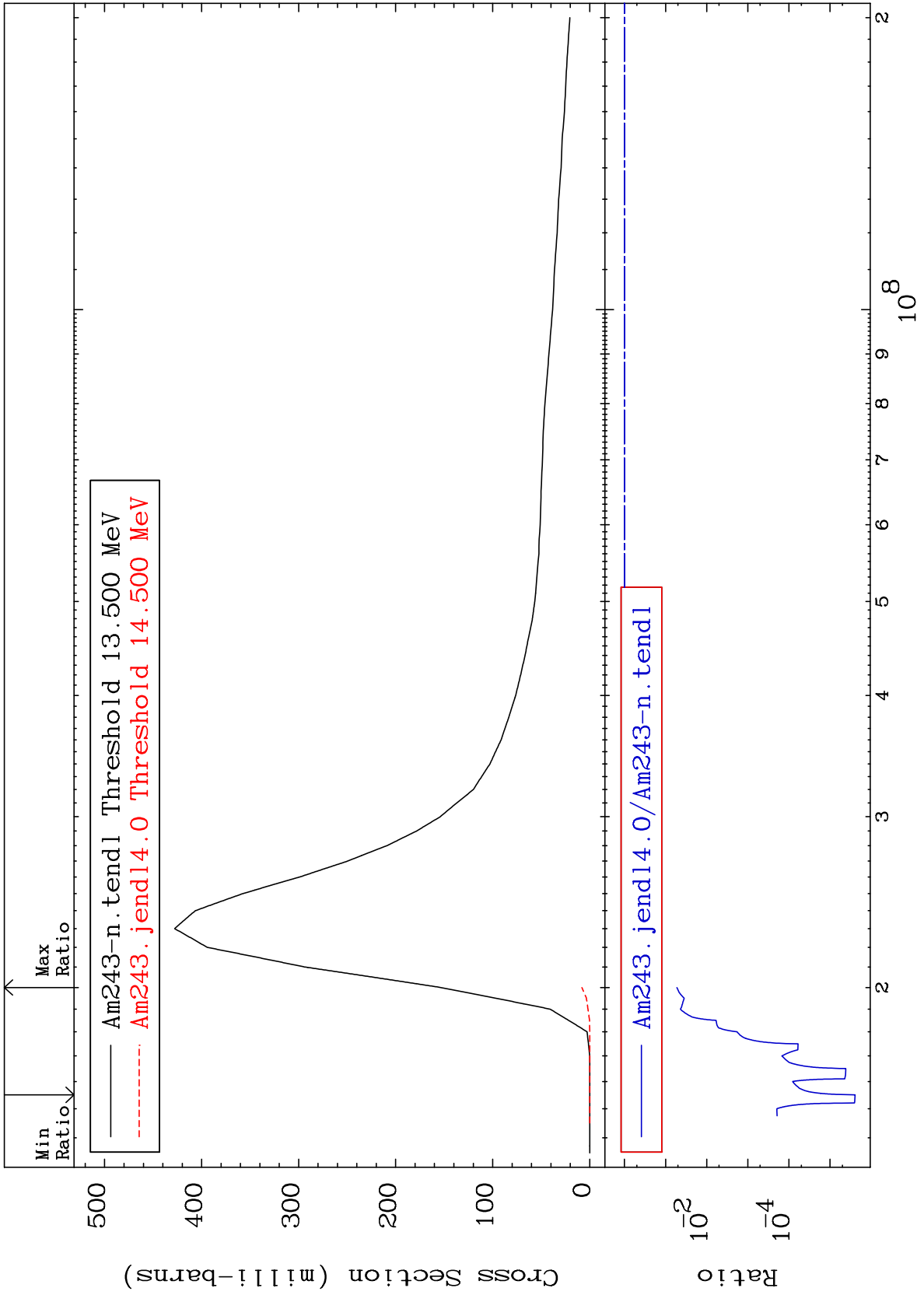
Incident Energy (eV)

95-Am-243

MAT 9549

(n,3nf) Fourth Chance
Cross Section

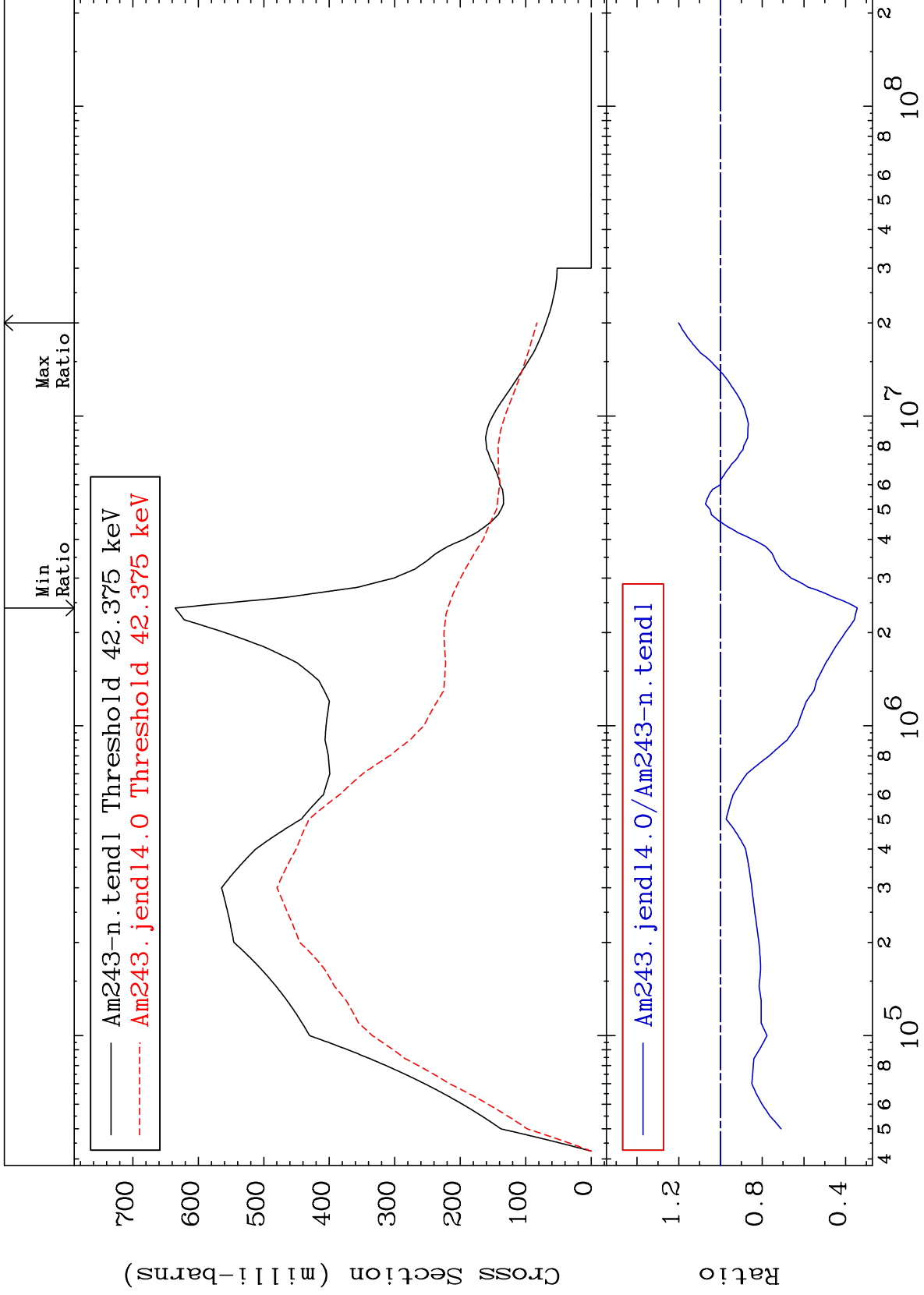
95-Am-243
-100.0 To -94.70%



MAT 9549

42.20 keV (n,n') Level
Cross Section

95-Am-243
-65.58 To 20.08 %



12

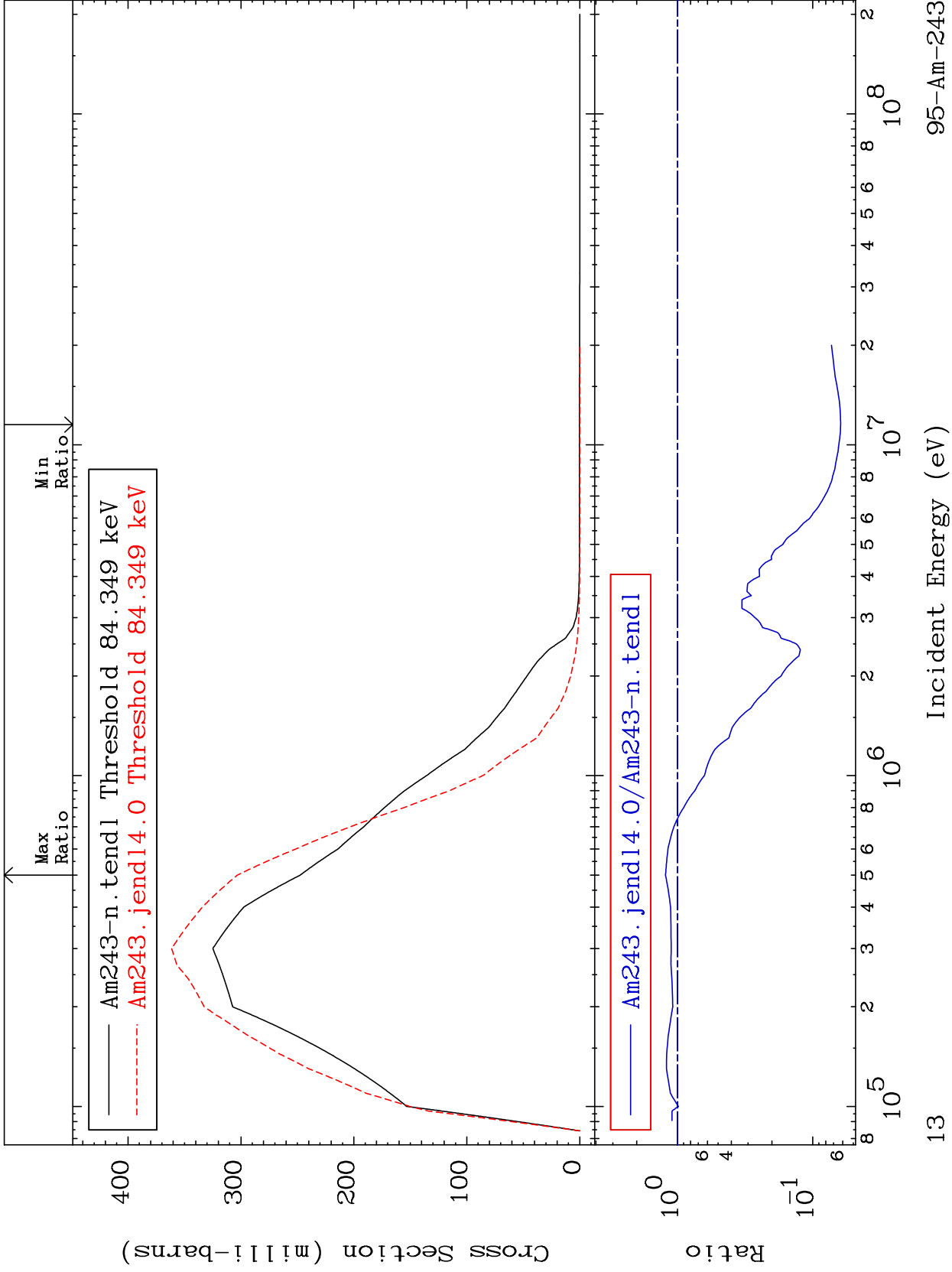
Incident Energy (eV)

95-Am-243

MAT 9549

84.00 keV (n,n') Level
Cross Section

95-Am-243
-93.79 To 22.49 %

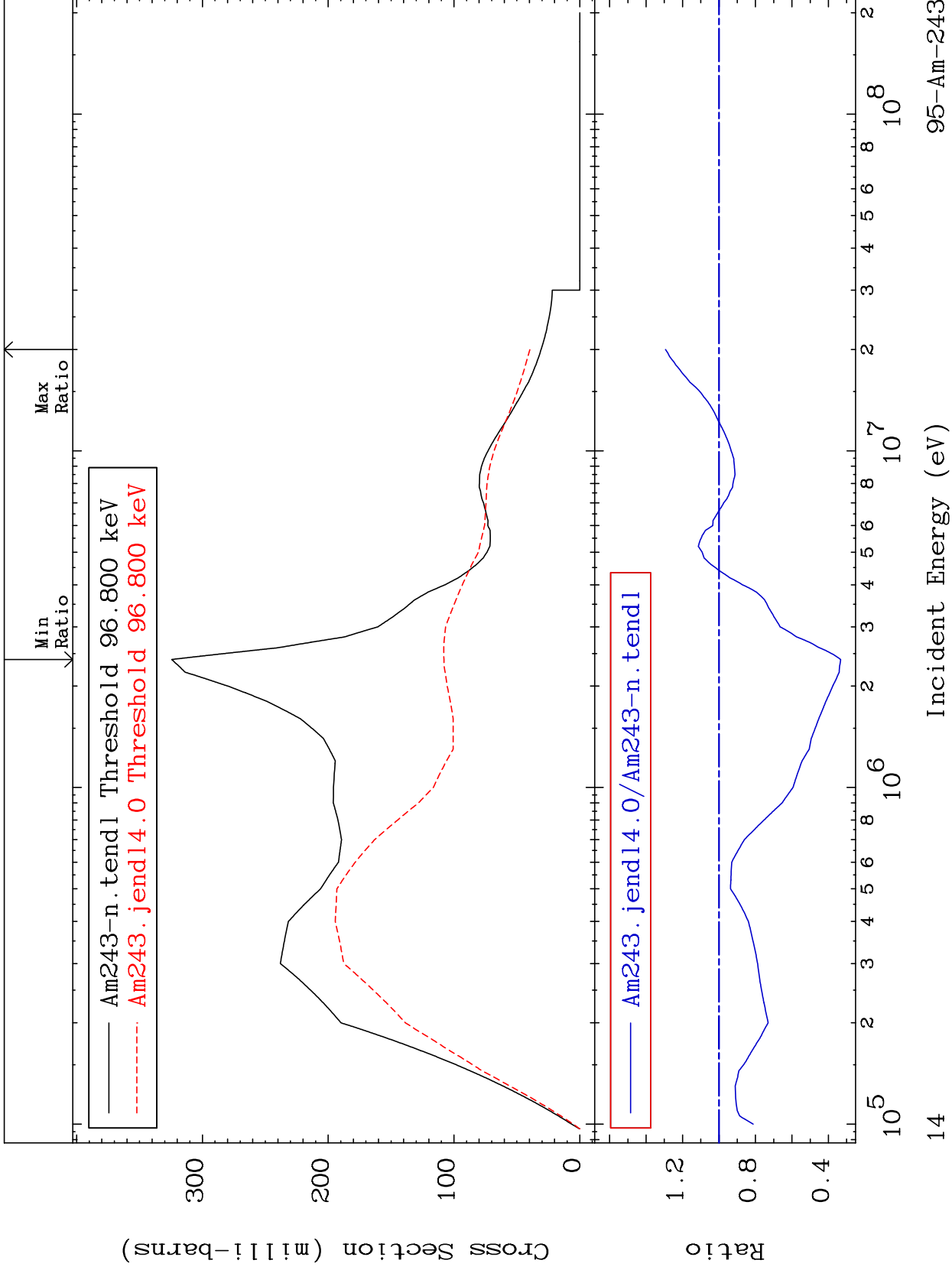


13

MAT 9549

96.40 keV (n,n') Level
Cross Section

95-Am-243
-66.71 To 29.34 %



14

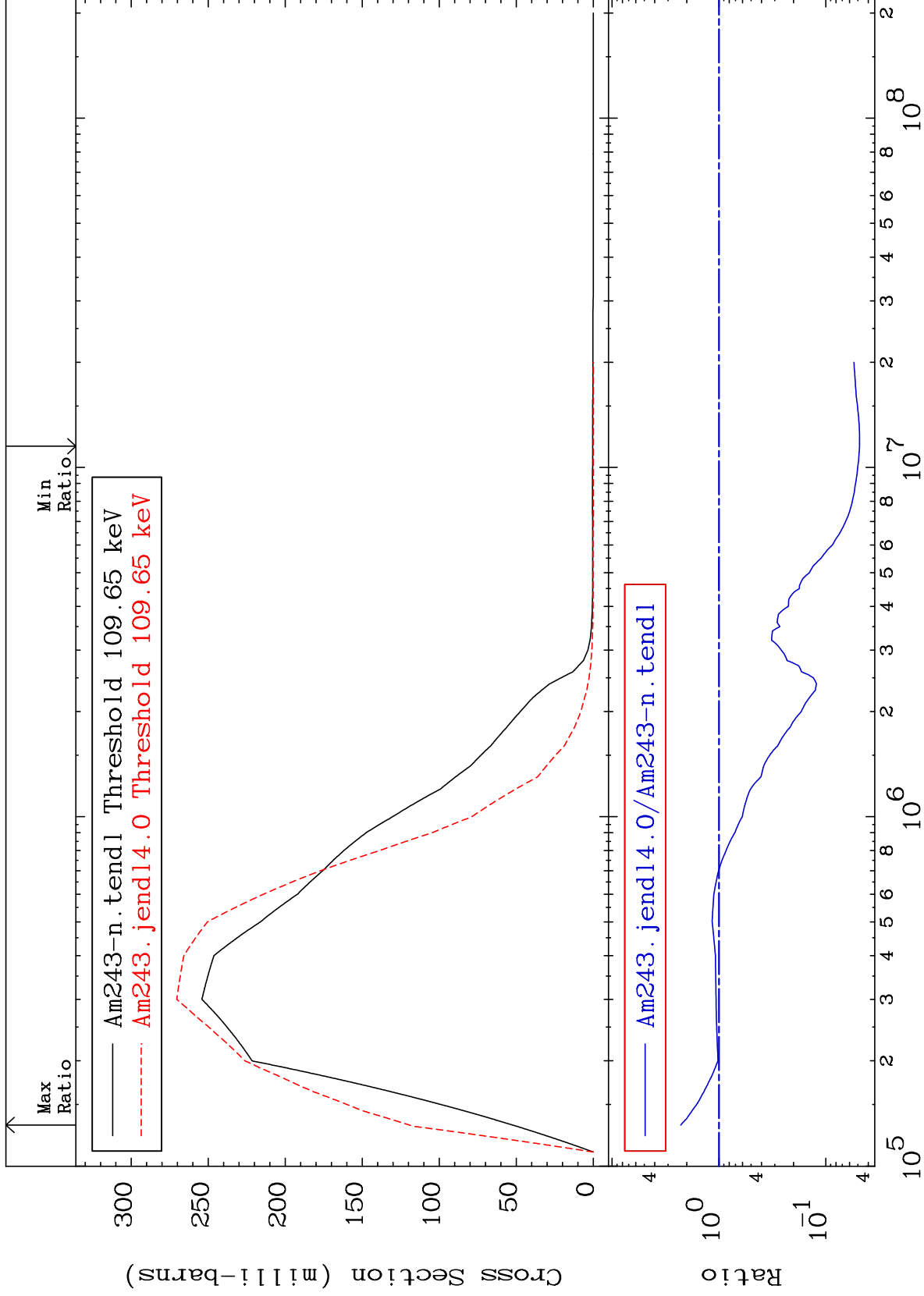
Incident Energy (eV)

95-Am-243

MAT 9549

109.2 keV (n,n') Level
Cross Section

95-Am-243
-95.17 To 127.6 %



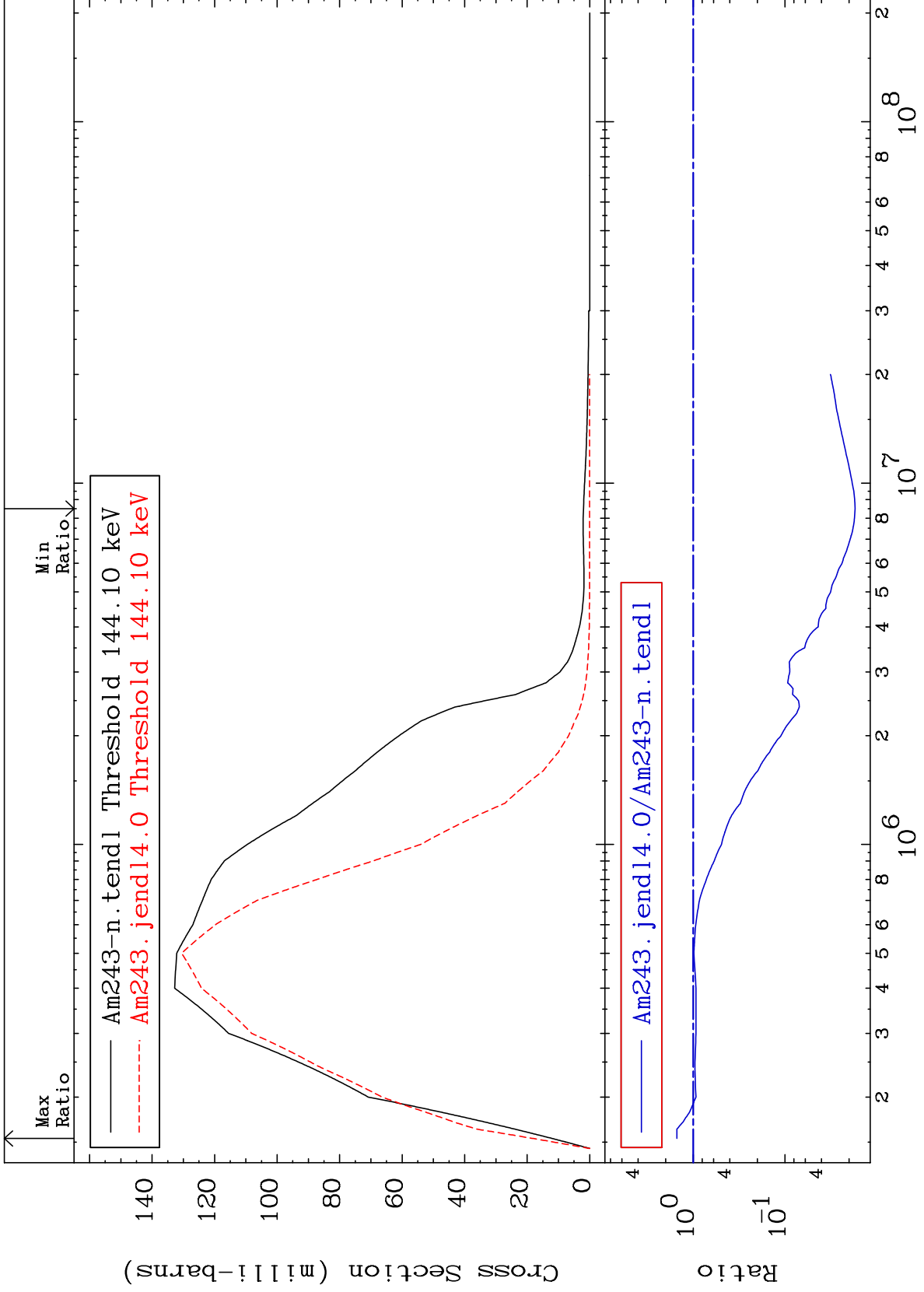
15

95-Am-243

MAT 9549

143.5 keV (n,n') Level
Cross Section

95-Am-243
-98.28 To 51.01 %



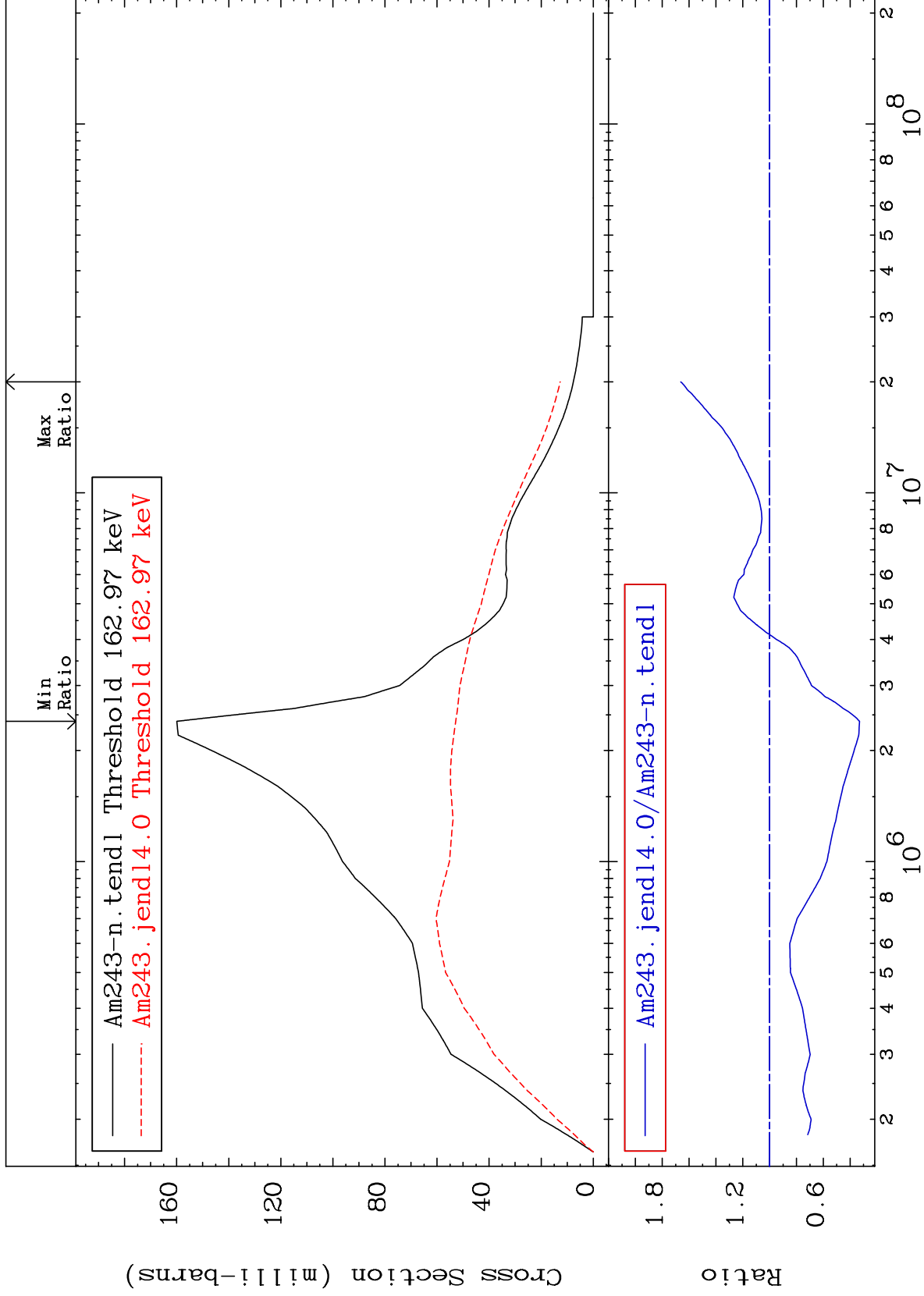
MAT 9549

162.3 keV (n,n') Level

95-Am-243

-66.98 To 66.17 %

Cross Section



17

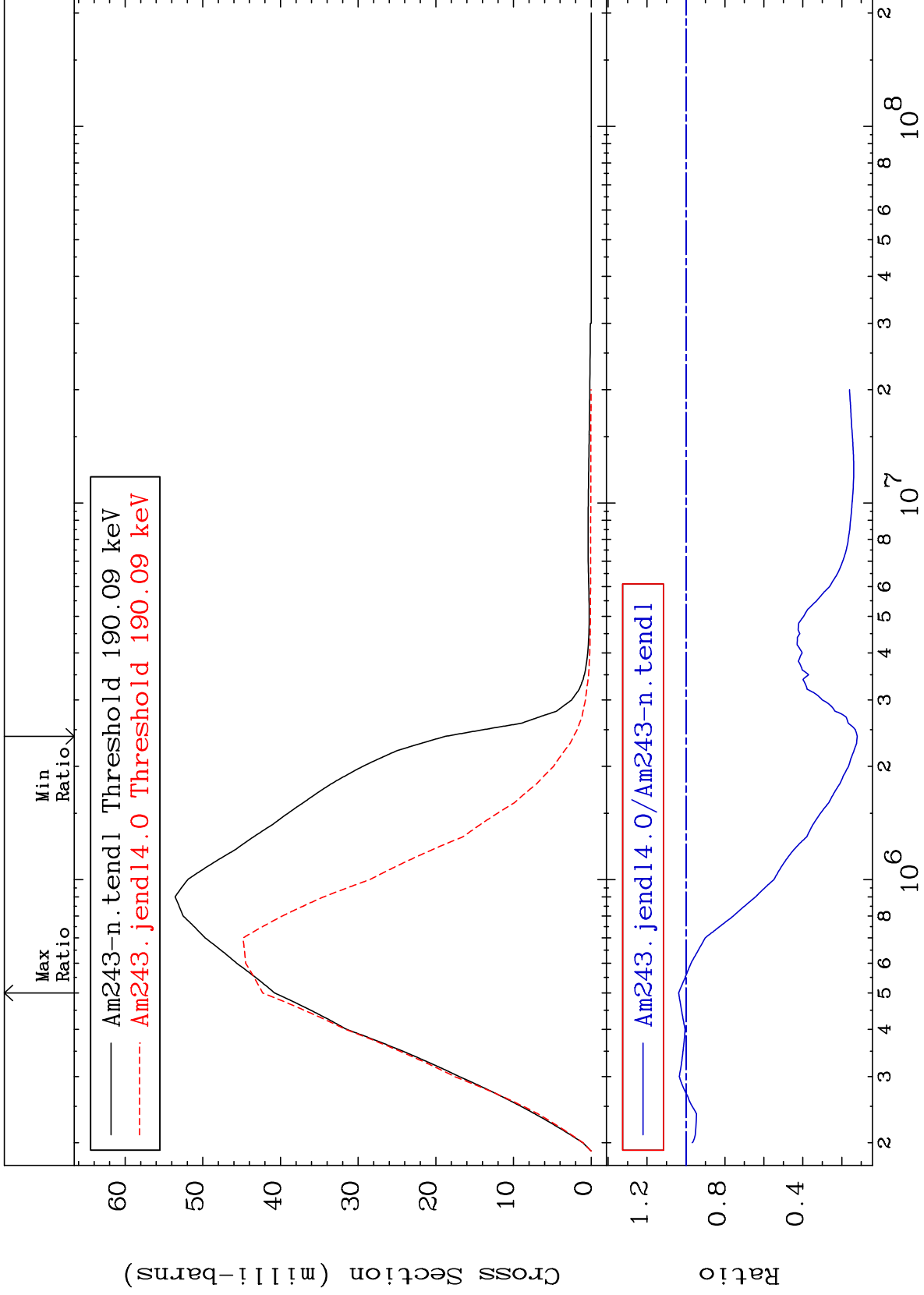
Incident Energy (eV)

95-Am-243

MAT 9549

189.3 keV (n,n') Level
Cross Section

95-Am-243
-87.96 To 3.782 %



18

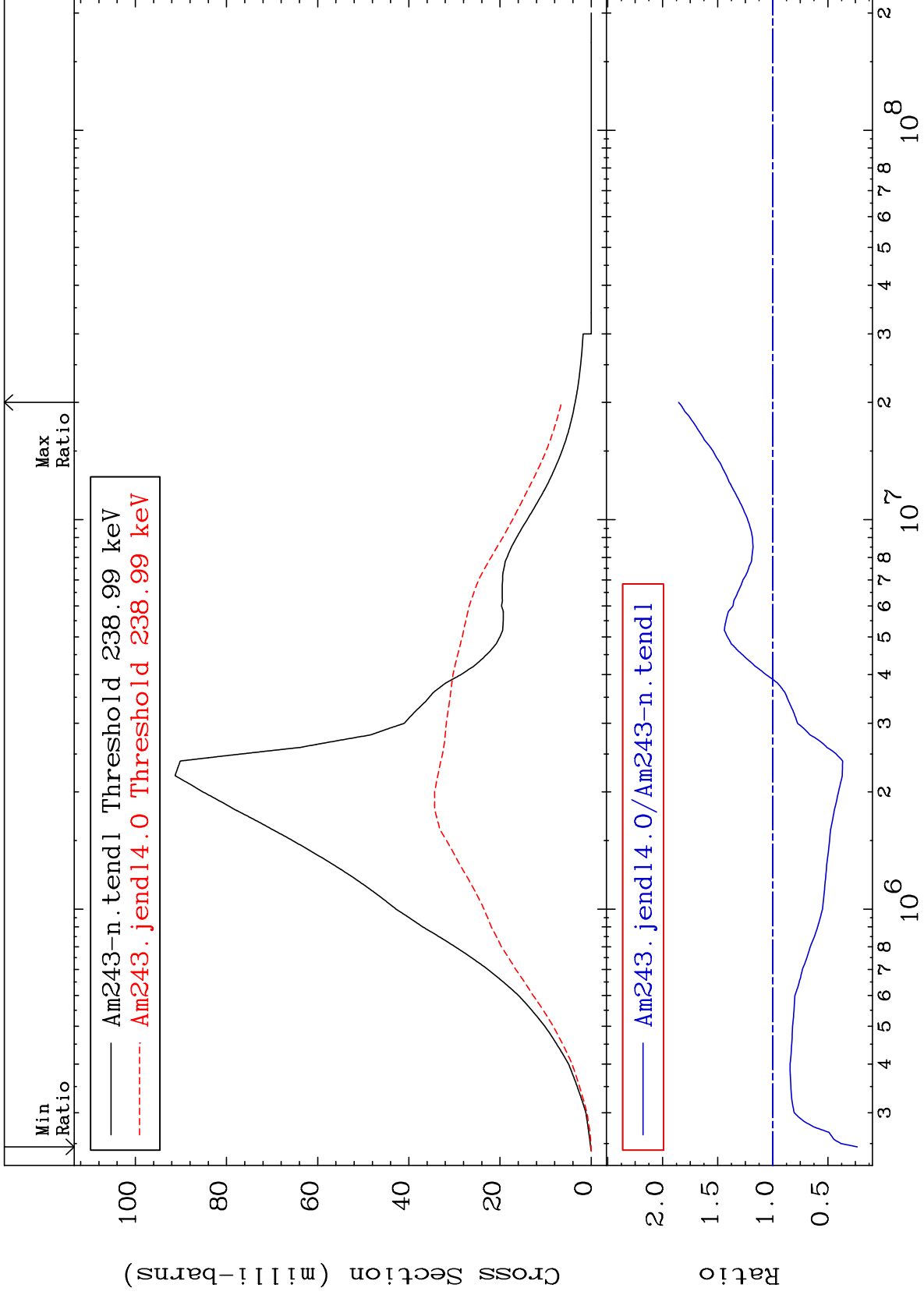
Incident Energy (eV)

95-Am-243

MAT 9549

238.0 keV (n,n') Level
Cross Section

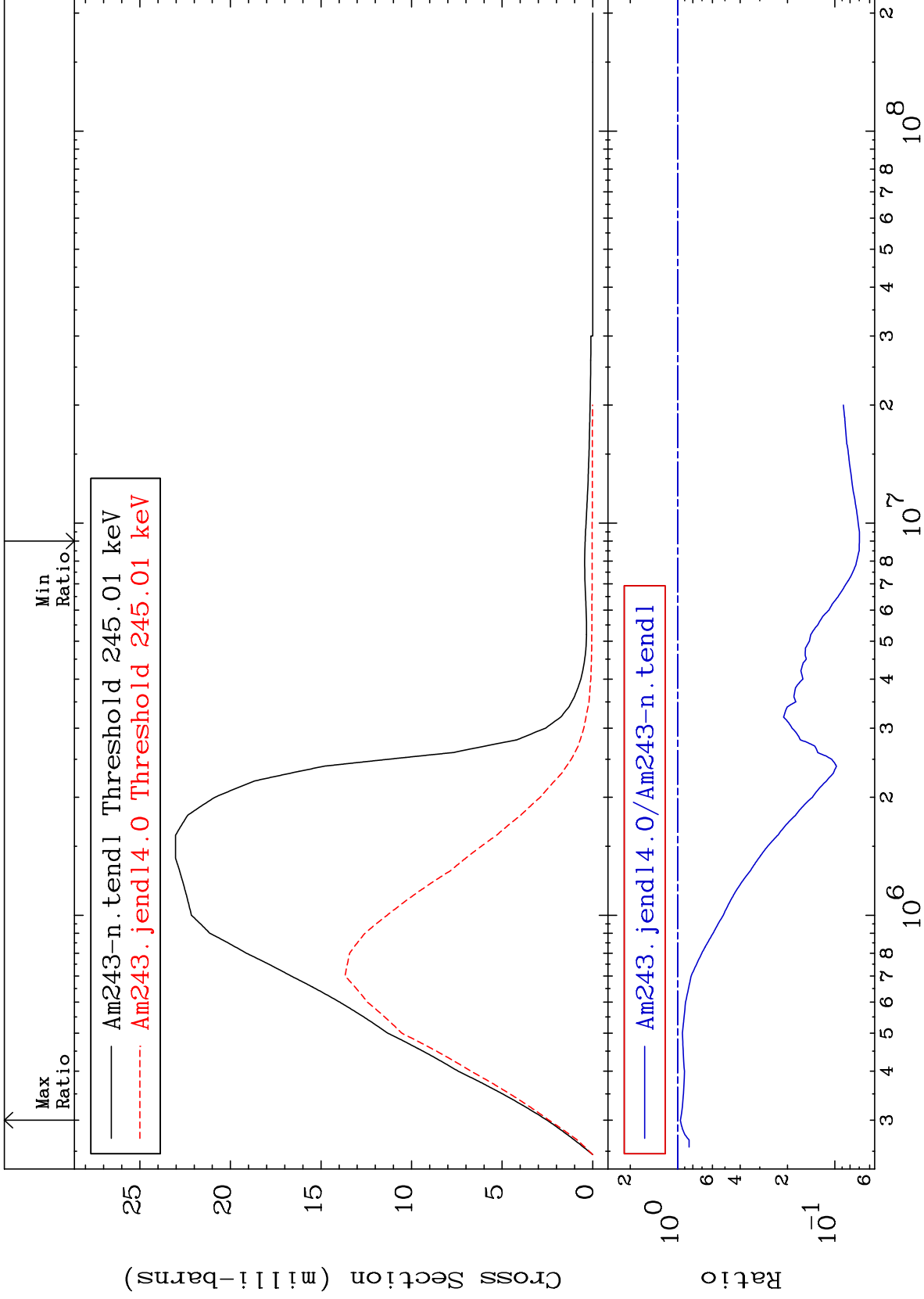
95-Am-243
-76.73 To 85.50 %



MAT 9549

244.0 keV (n,n') Level
Cross Section

95-Am-243
-93.02 To -4.014%



20

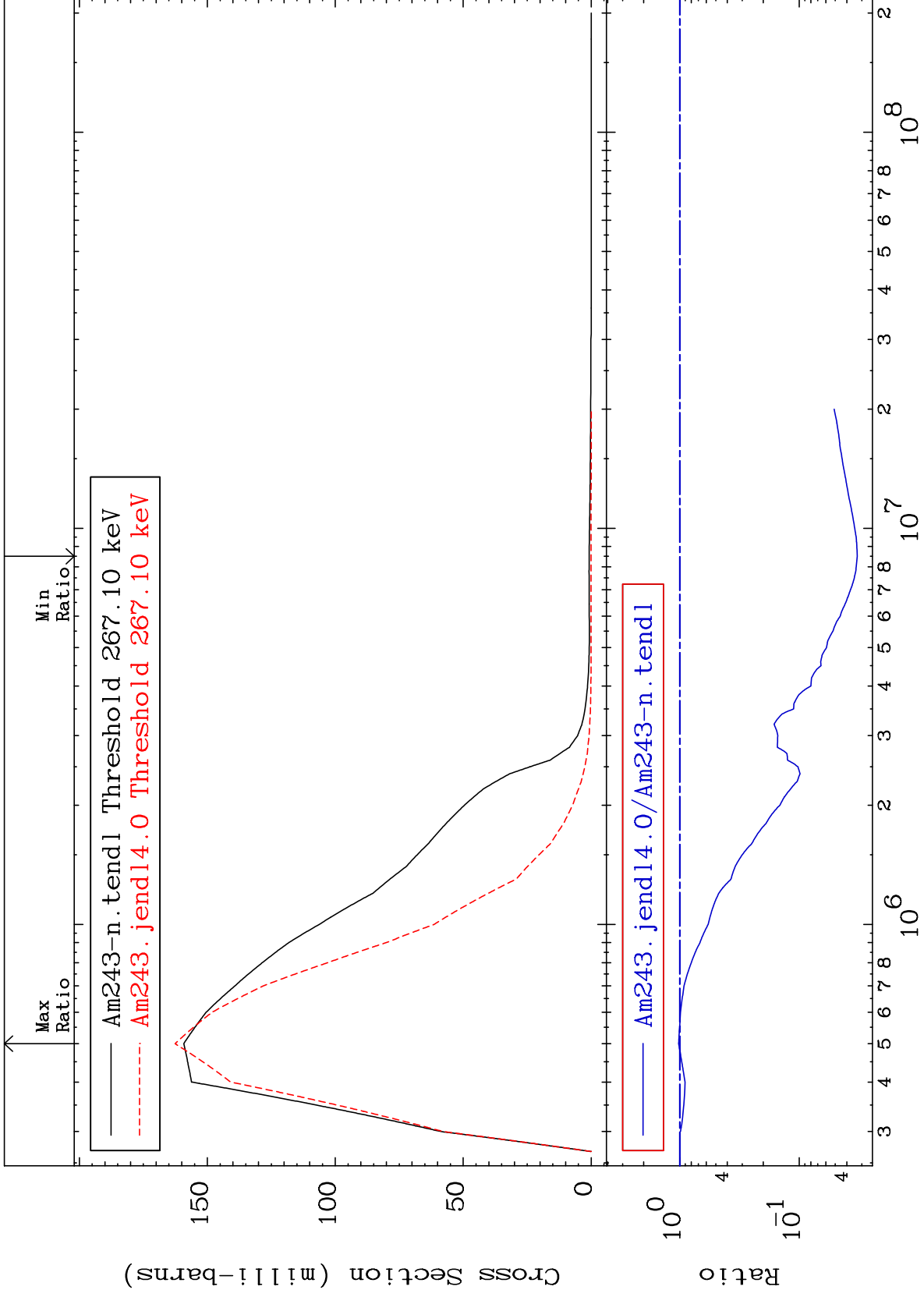
Incident Energy (eV)

95-Am-243

MAT 9549

266.0 keV (n,n') Level
Cross Section

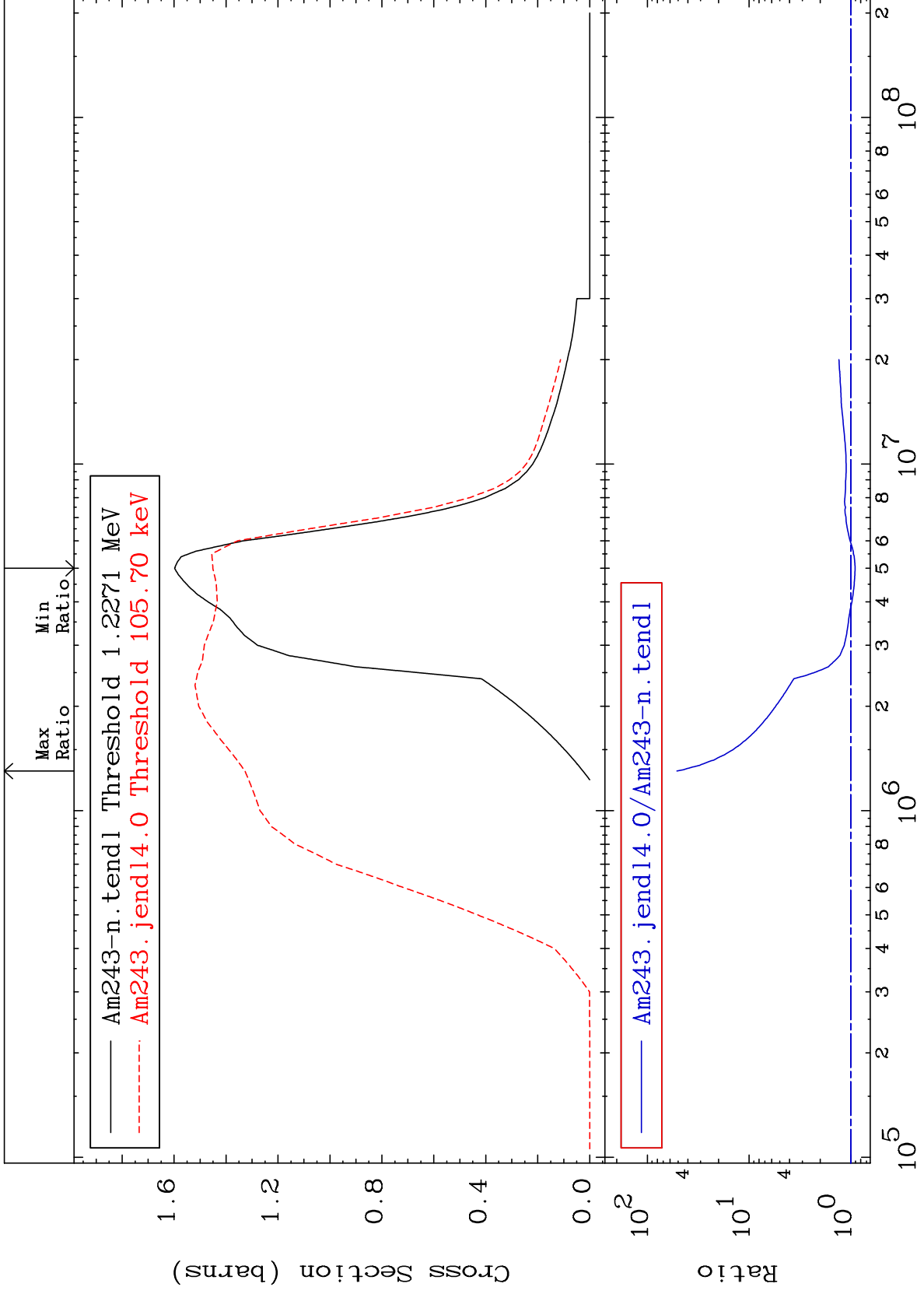
95-Am-243
-96.73 To 2.140 %



MAT 9549

(n, n') Continuum
Cross Section

95-Am-243
-9.230 To 5027. %



22

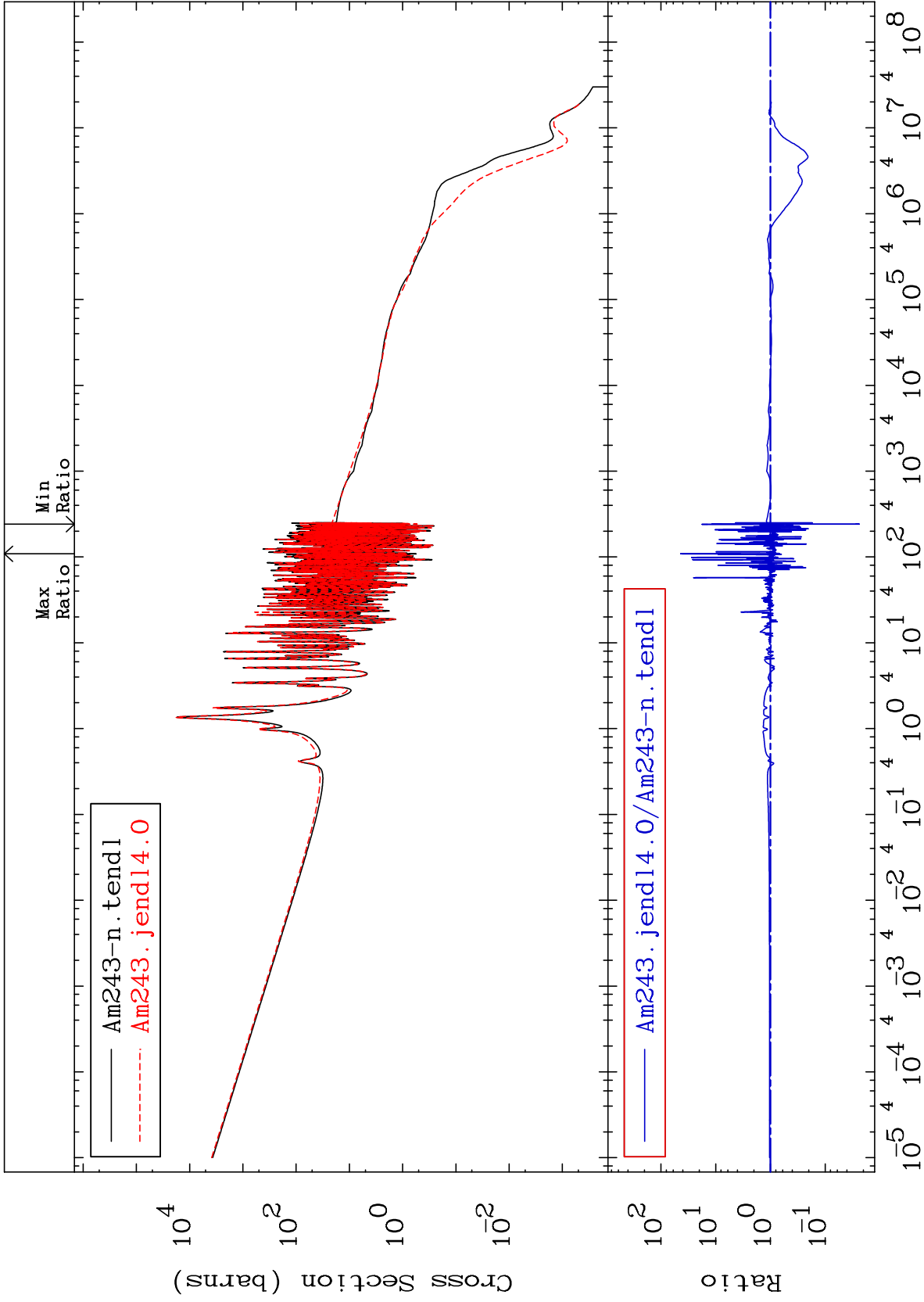
Incident Energy (eV)

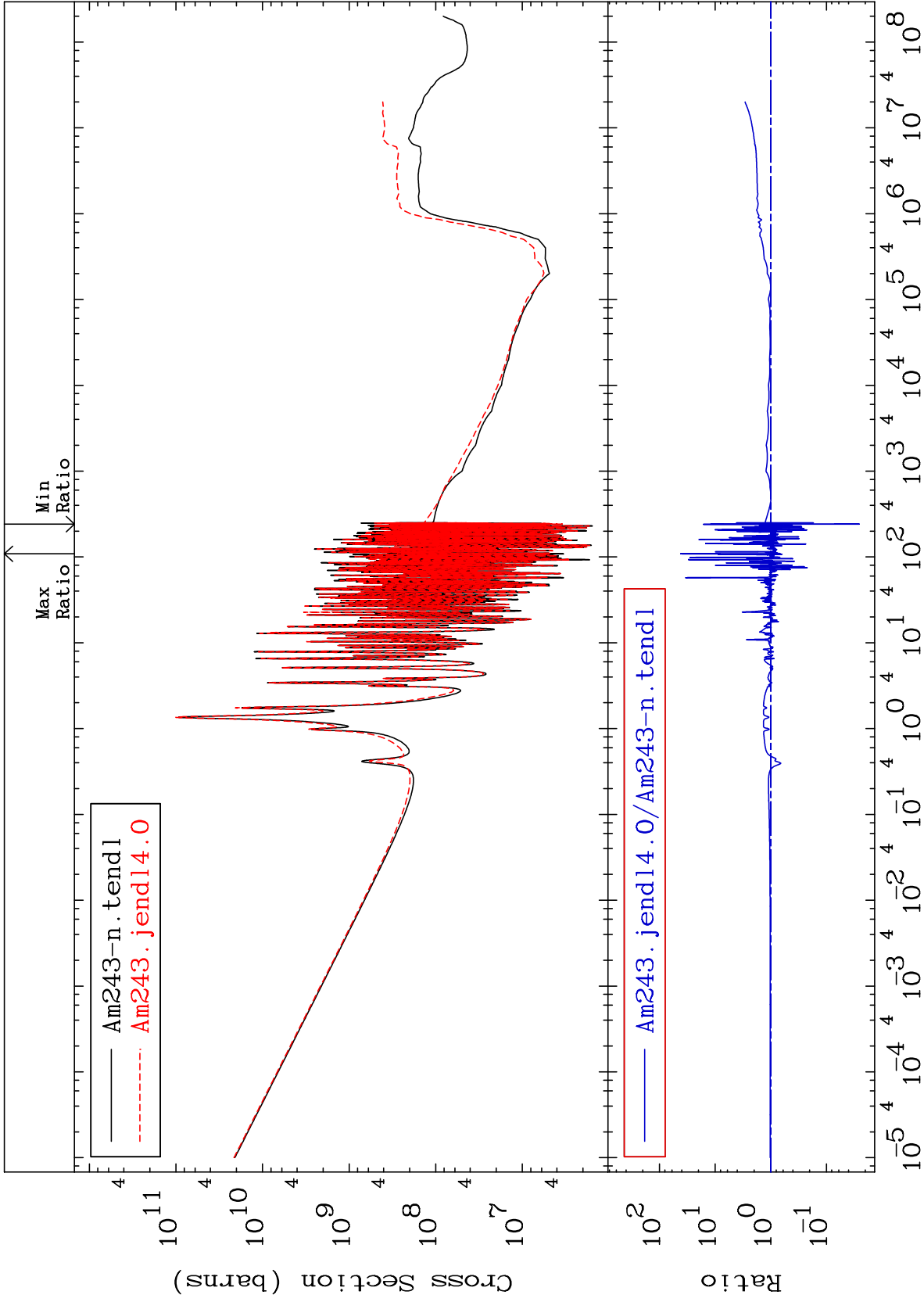
95-Am-243

MAT 9549

(n, γ)
Cross Section

95-Am-243
-97.63 To 4331. %

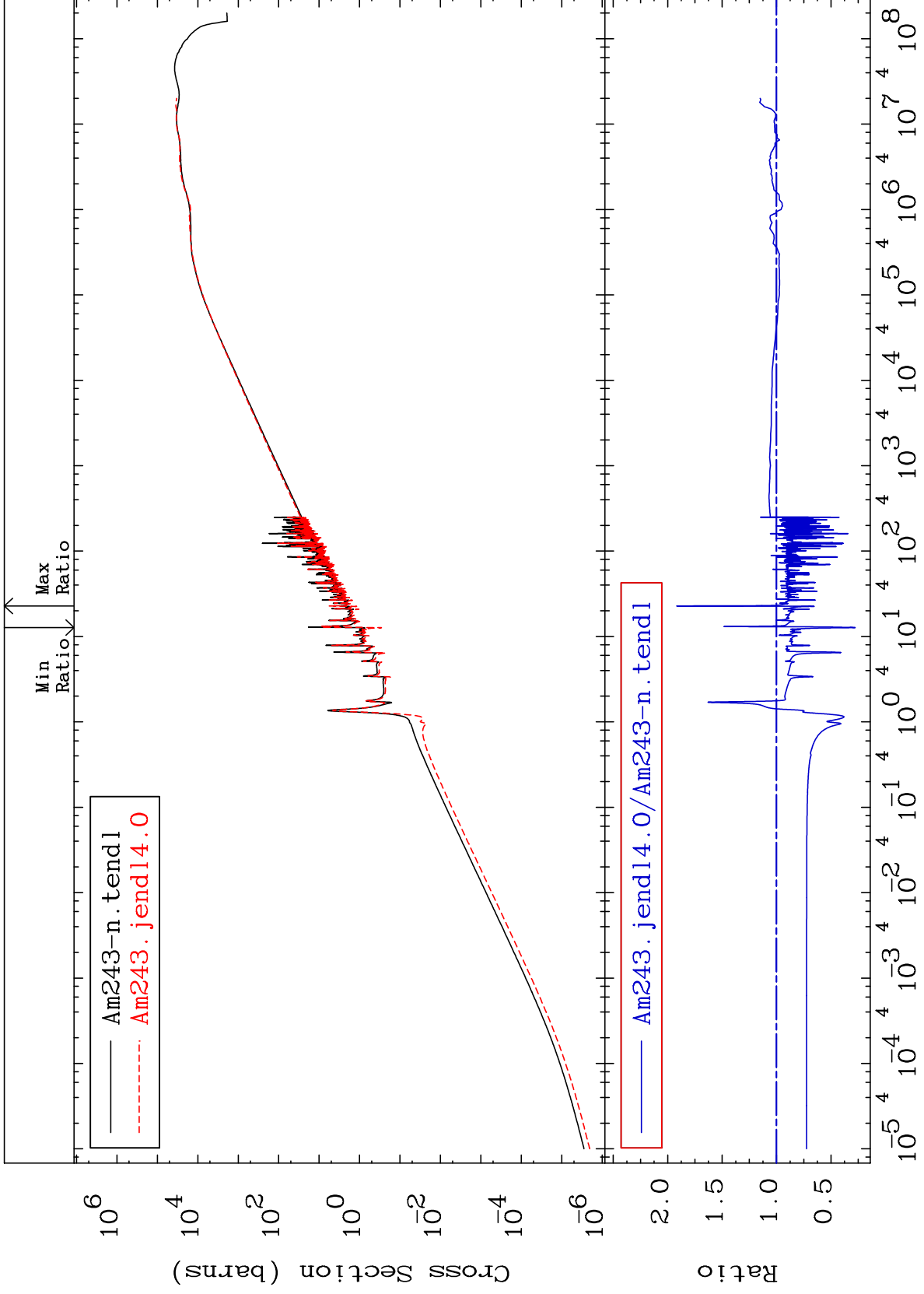


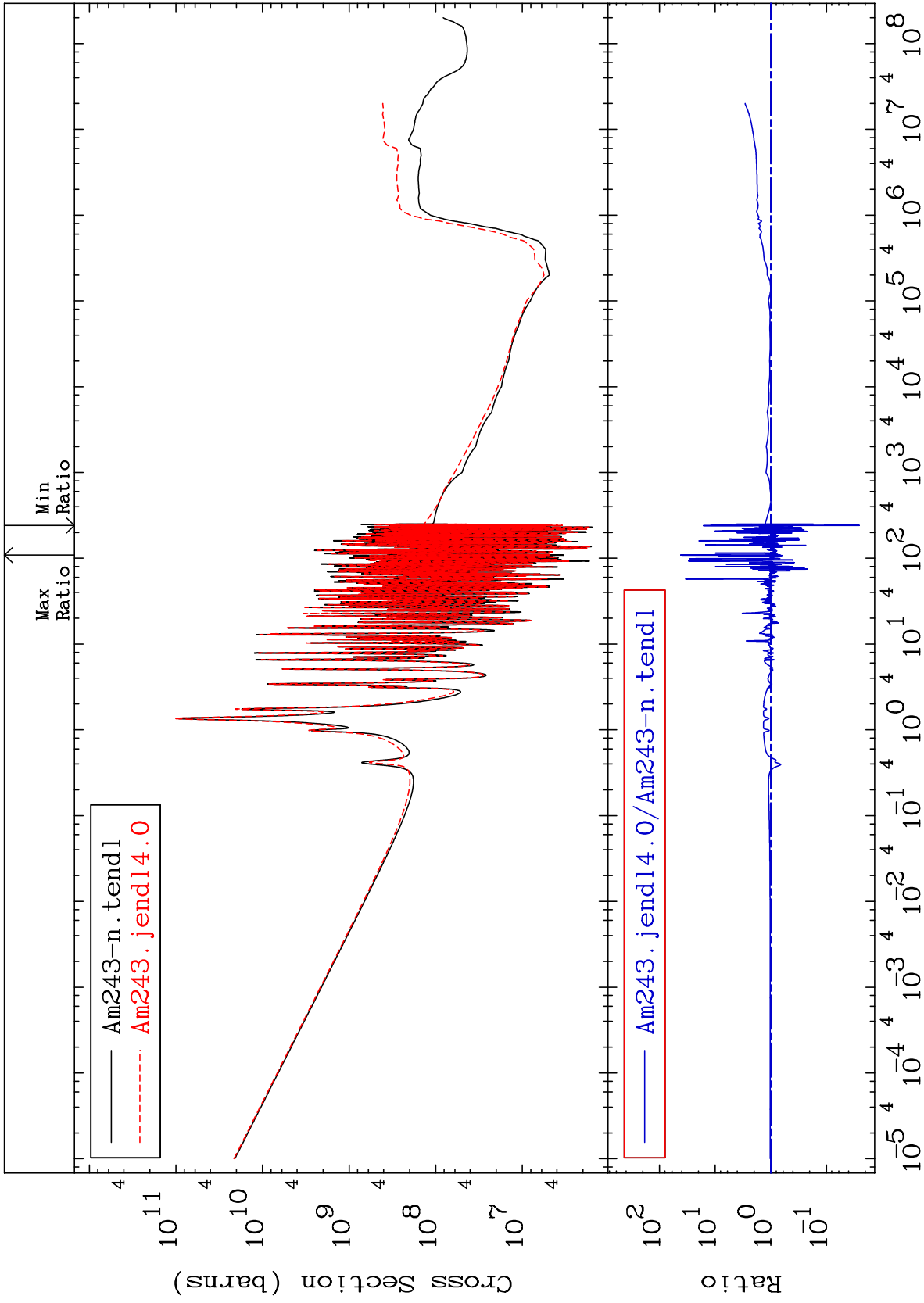


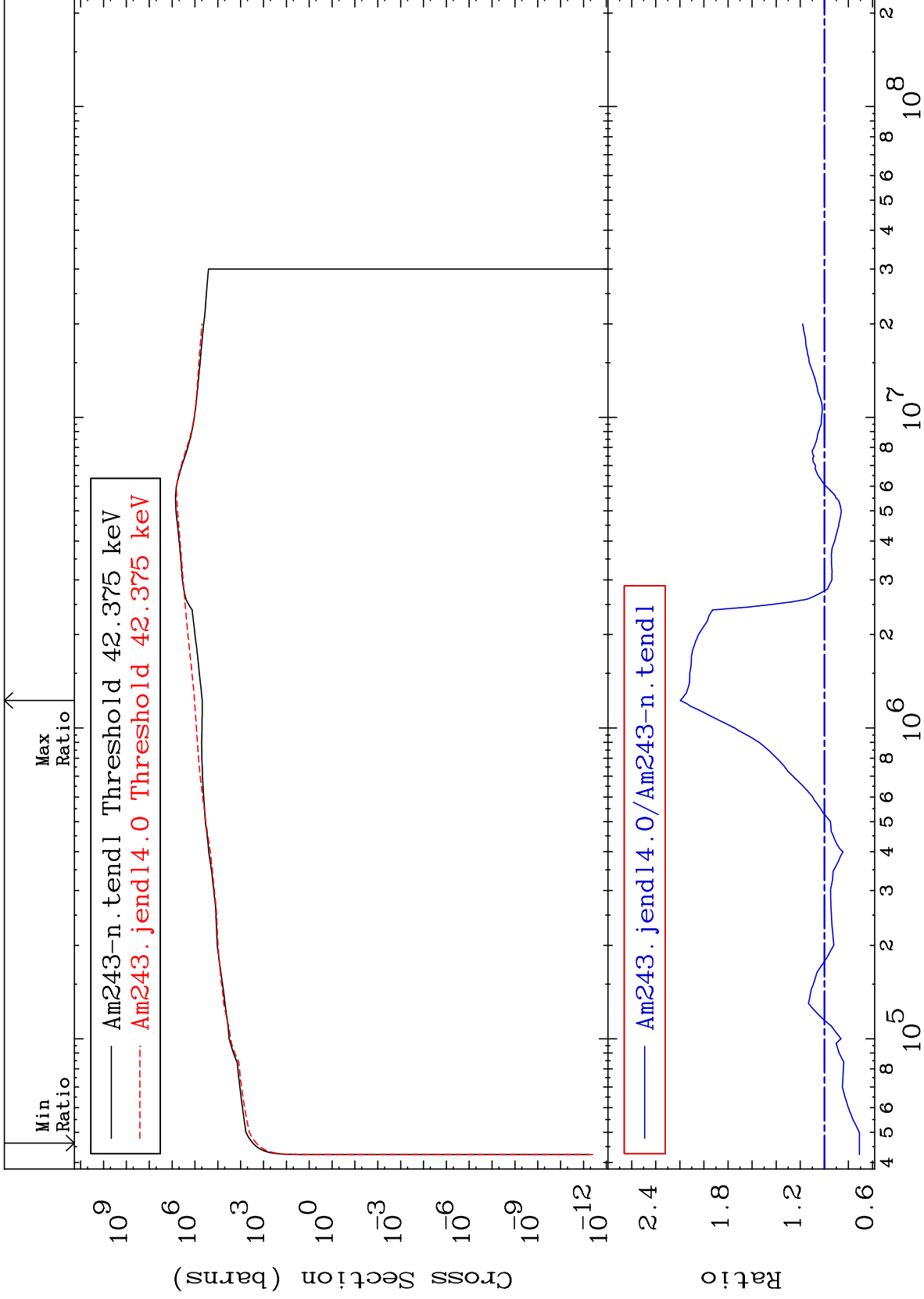
MAT 9549

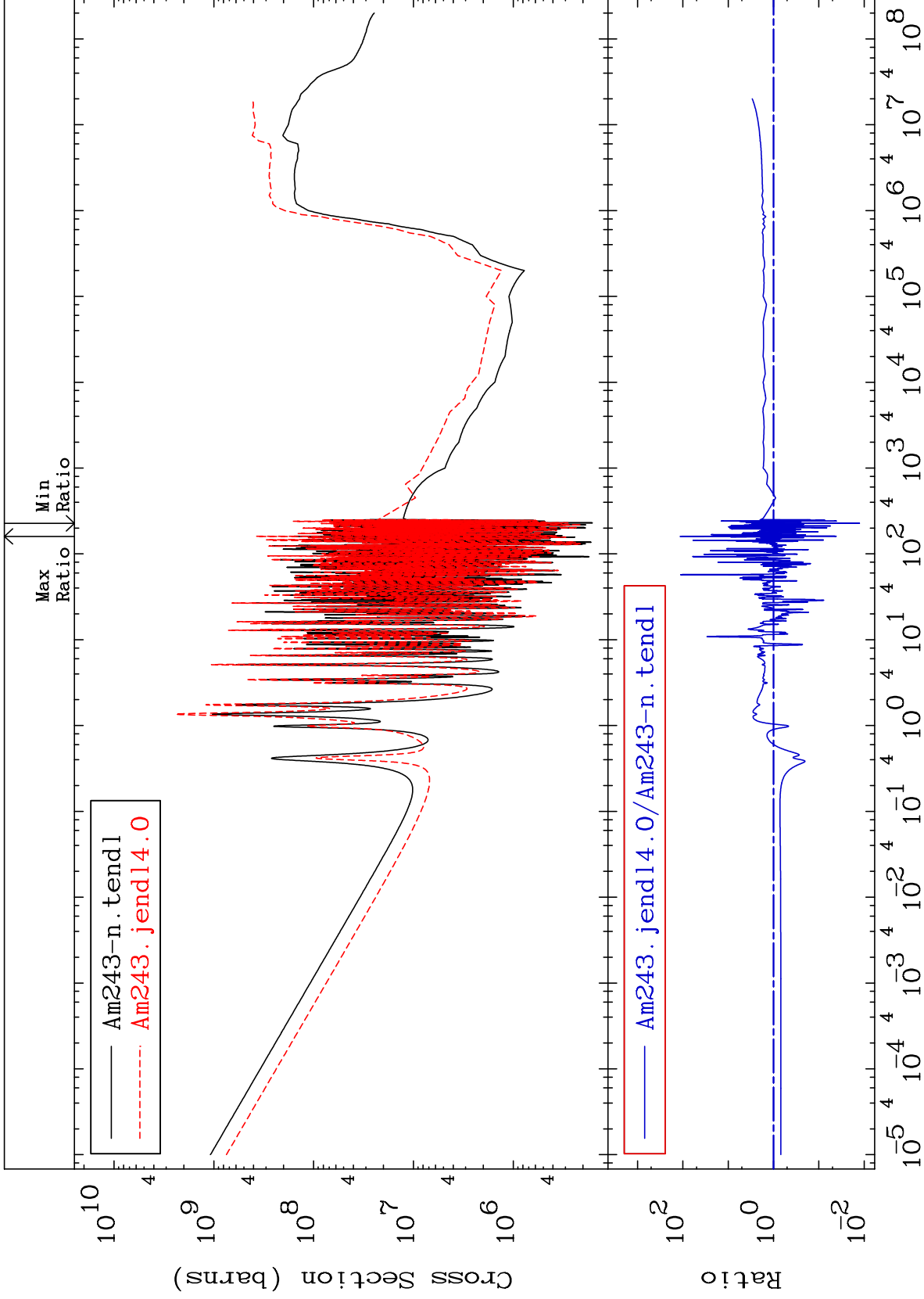
Kerma elastic
Cross Section

95-Am-243
-72.17 To 91.51 %





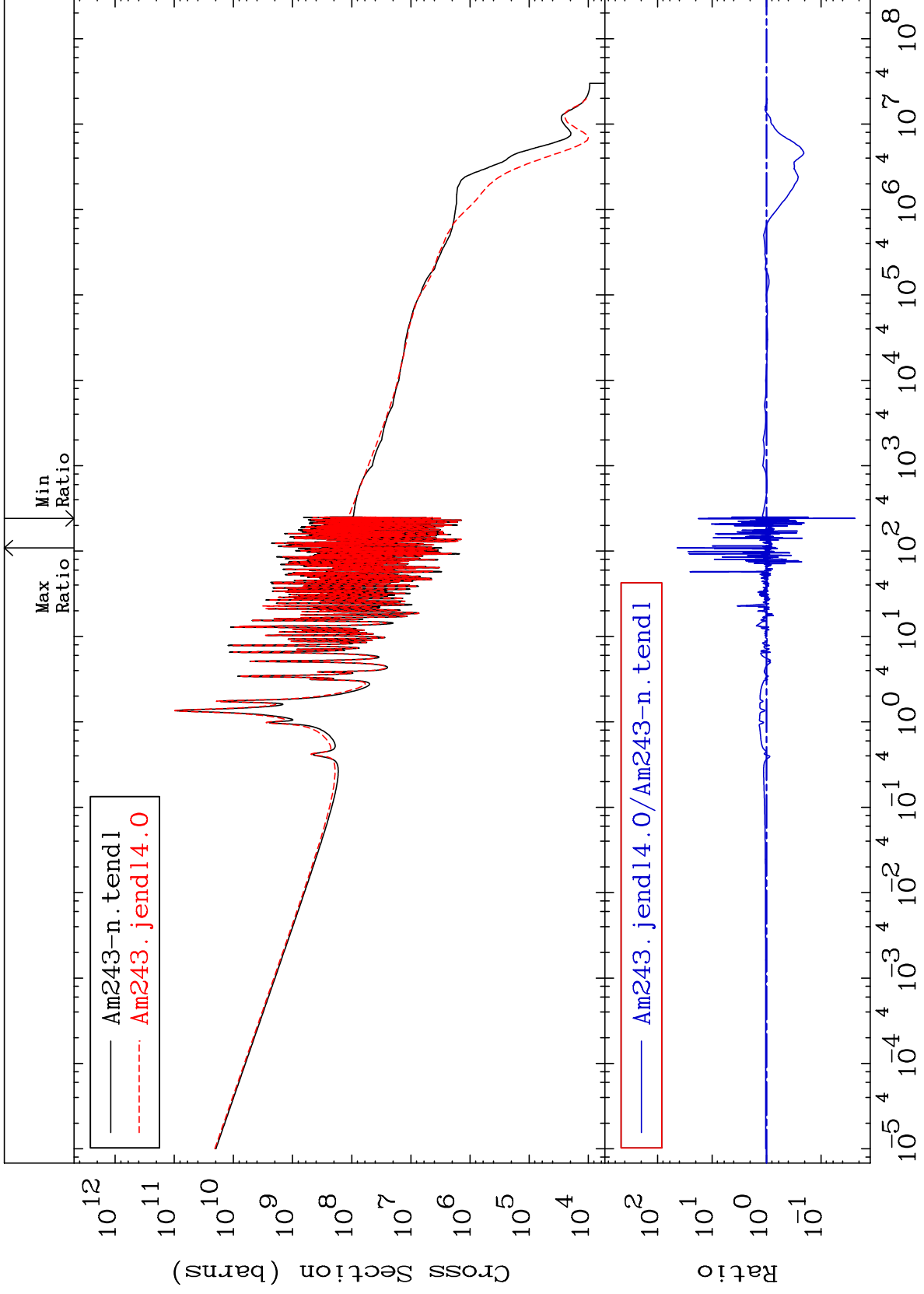




MAT 9549

Kerma capture (mt102)
Cross Section

95-Am-243
-97.63 To 4327. %

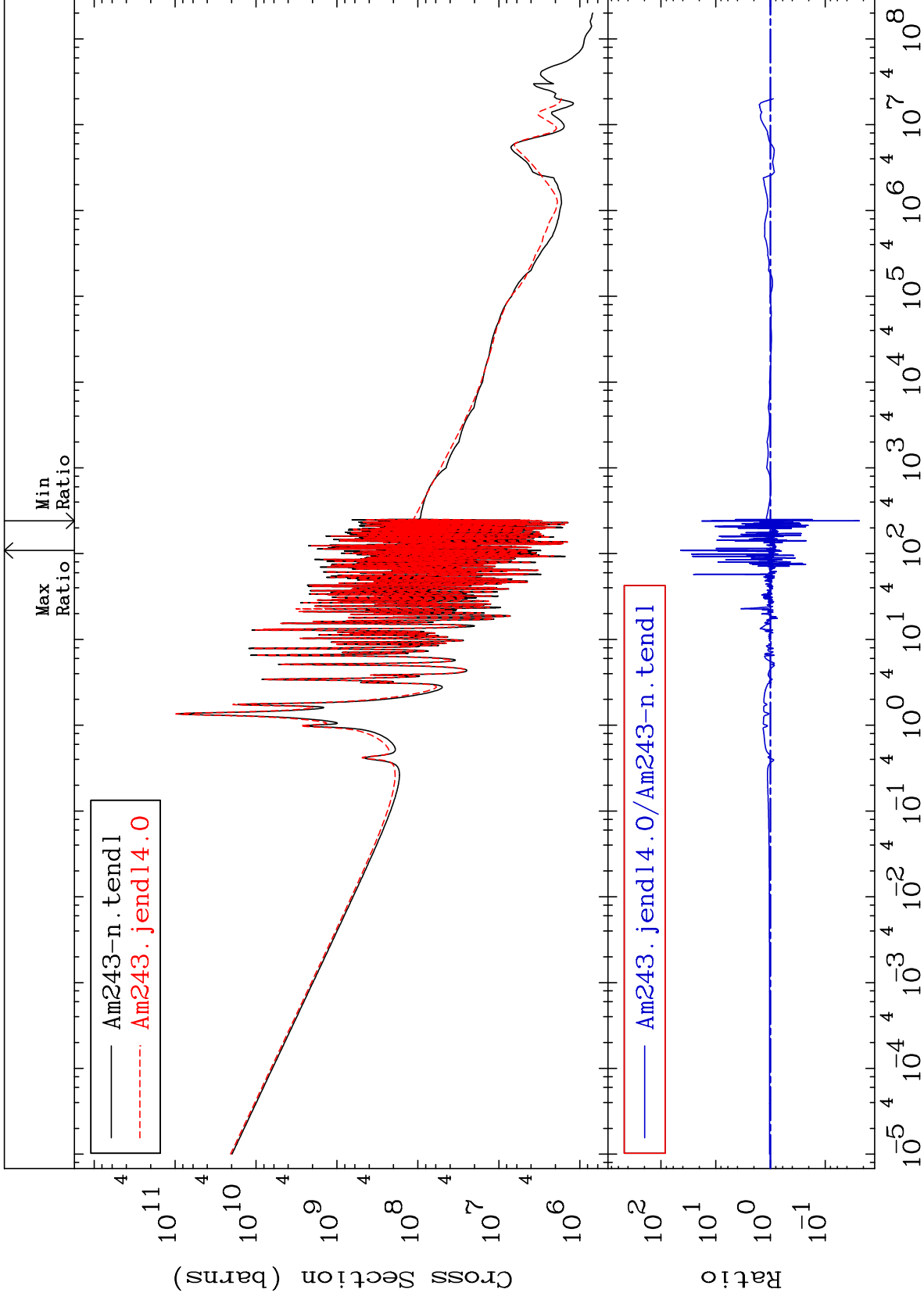


MAT 9549

Total photon (eV-barns)
Cross Section

95-Am-243

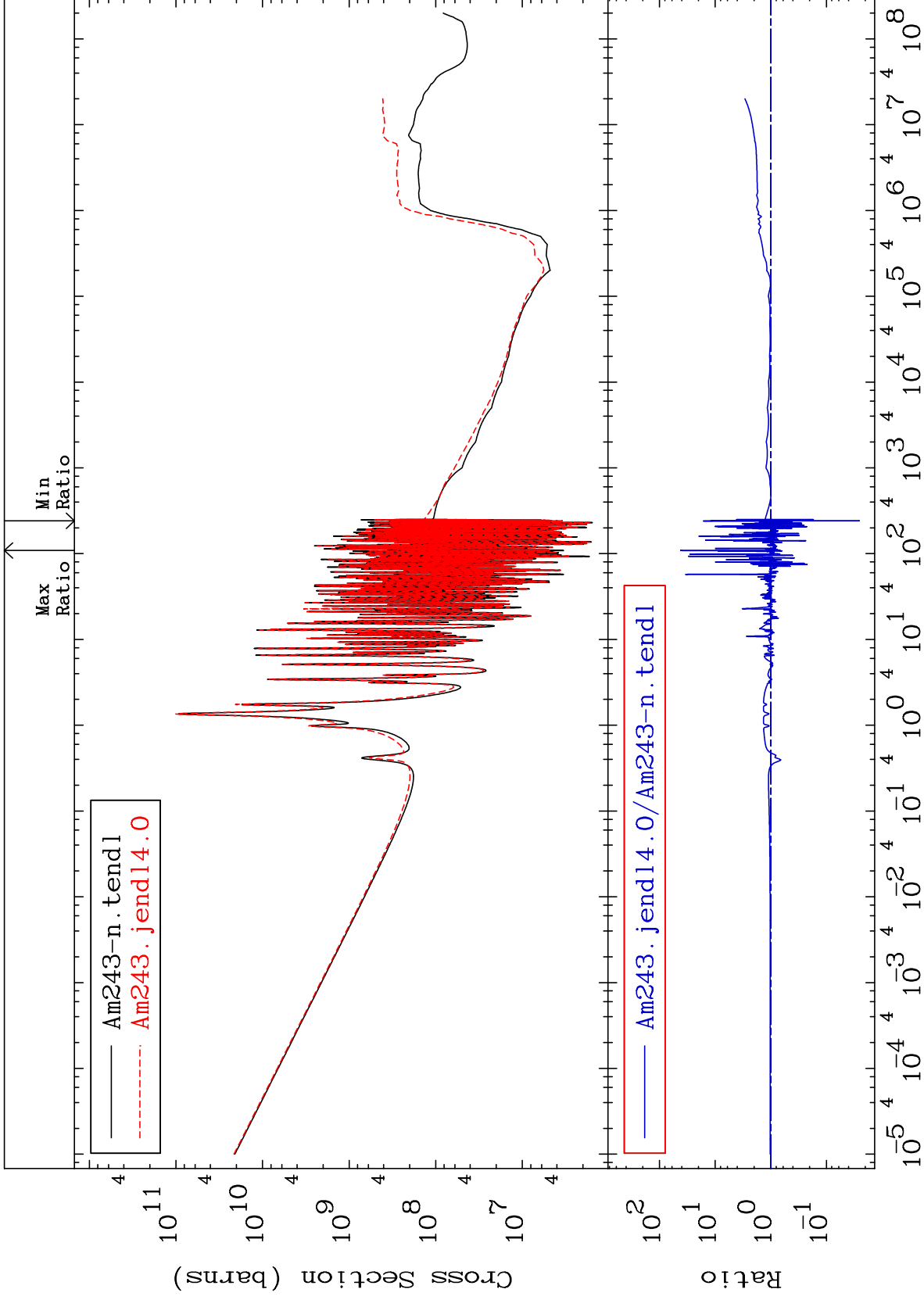
-97.63 To 4327. %



30

Incident Energy (eV)

95-Am-243



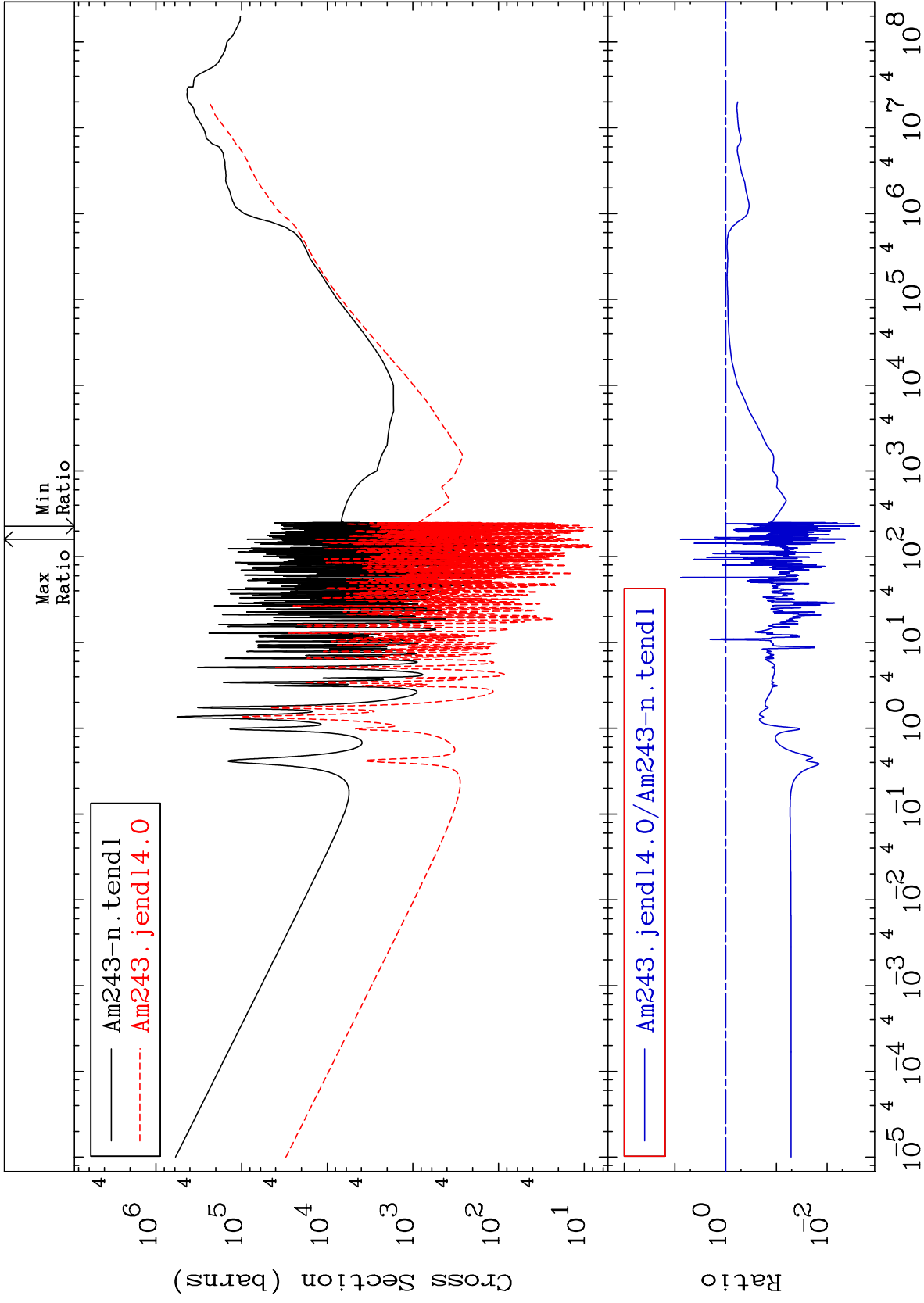
MAT 9549

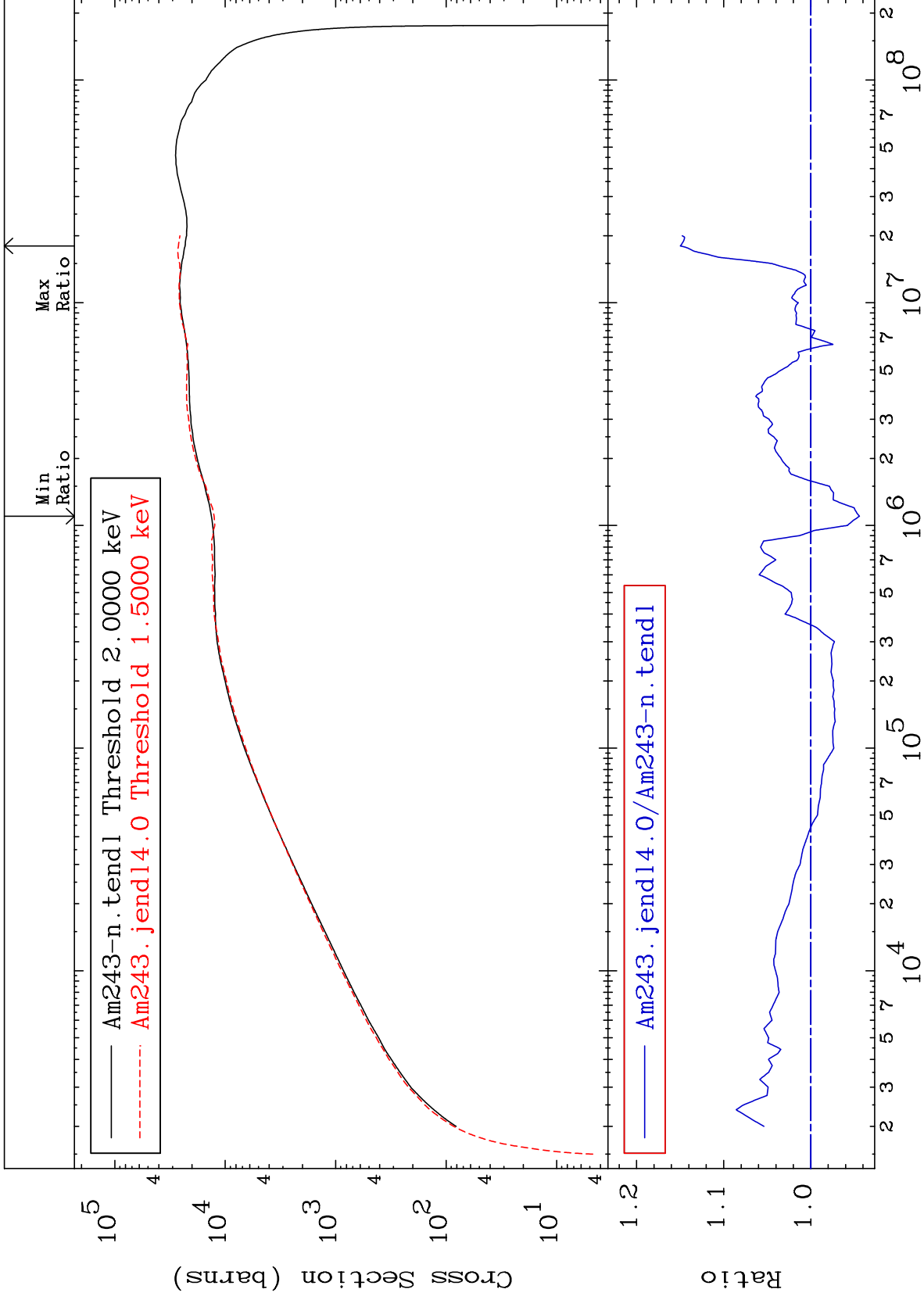
Dpa total (eV-barns)

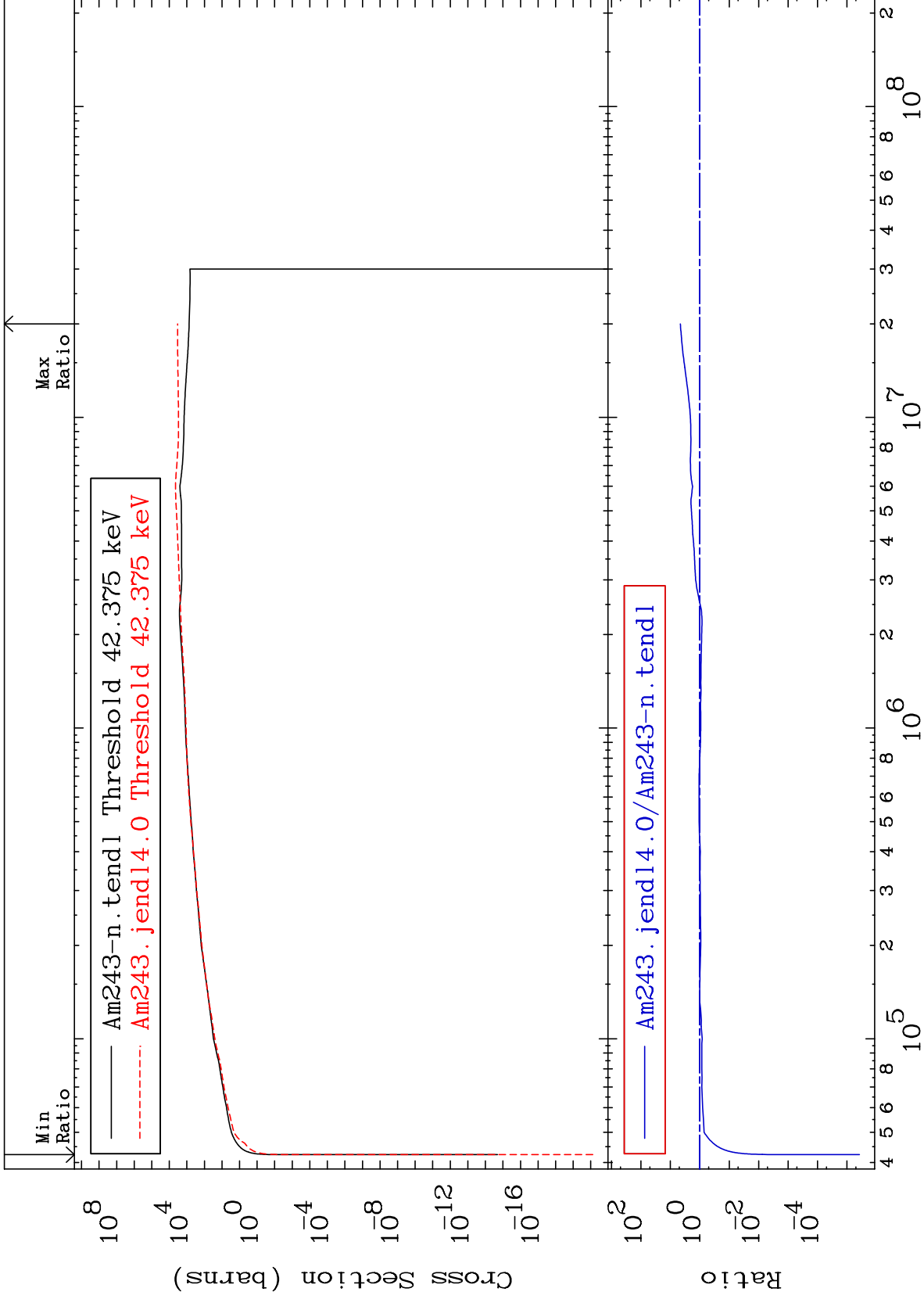
95-Am-243

-99.77 To 682.7 %

Cross Section







MAT 9549

Dpa disappearance (mt102 -120)
Cross Section

95-Am-243
-100.0 To 1377. %

