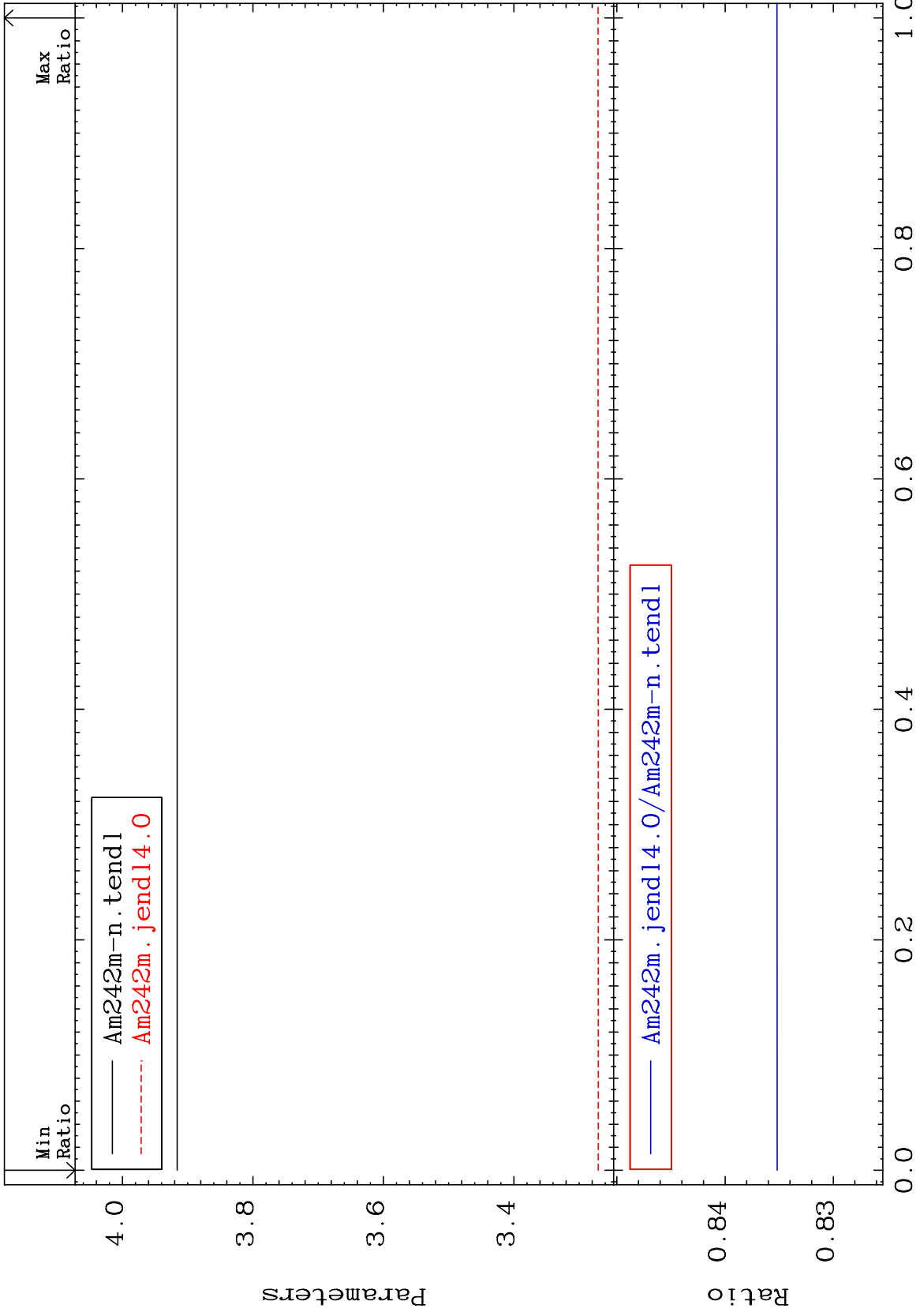


MAT 9547

Total $\bar{\nu}$
Parameters

95-Am-242
-16.48 To -16.48%



1

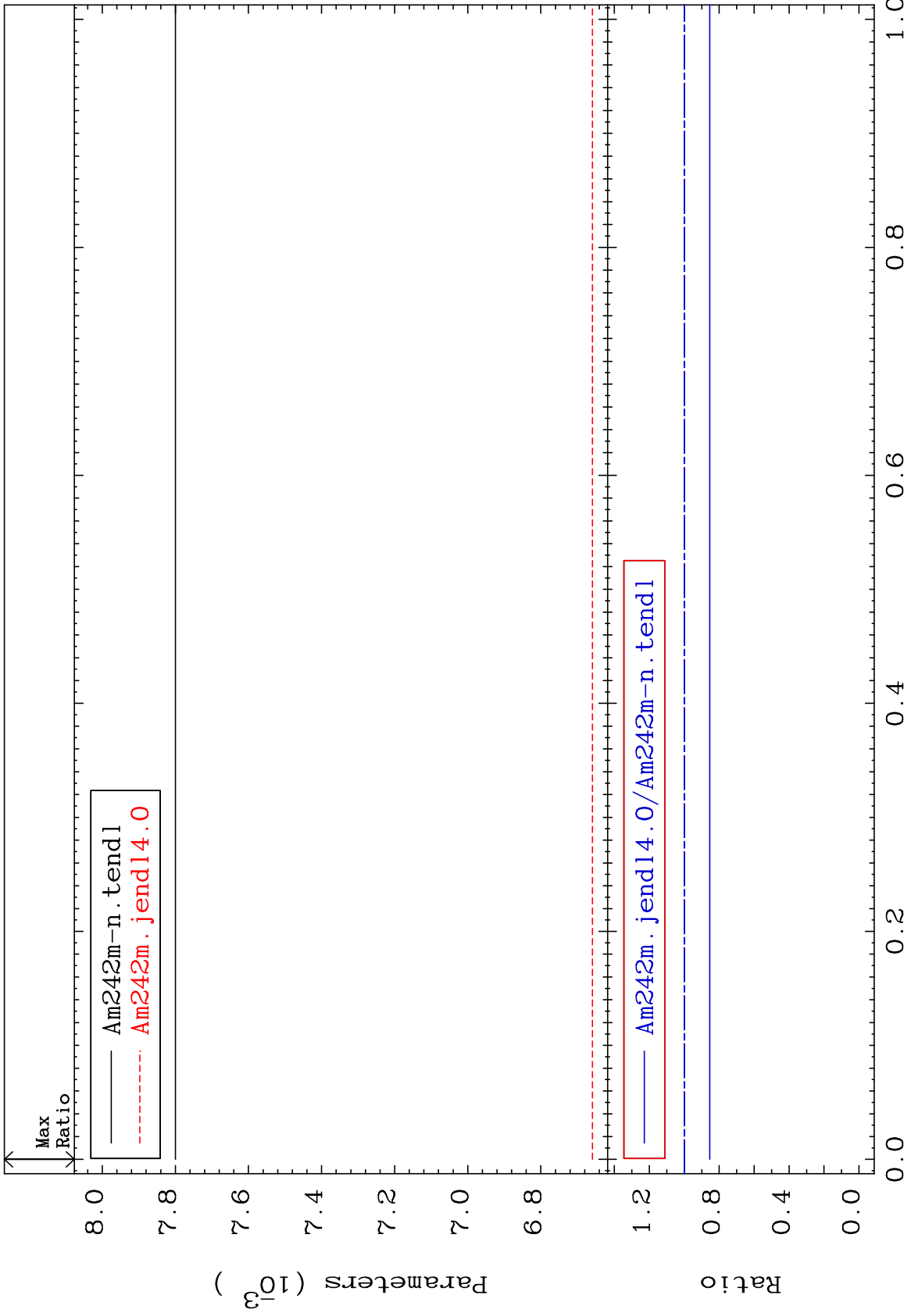
Incident Energy (KeV)

95-Am-242

MAT 9547

Delayed $\bar{\nu}$
Parameters

95-Am-242
-14.63 To -14.63%



2

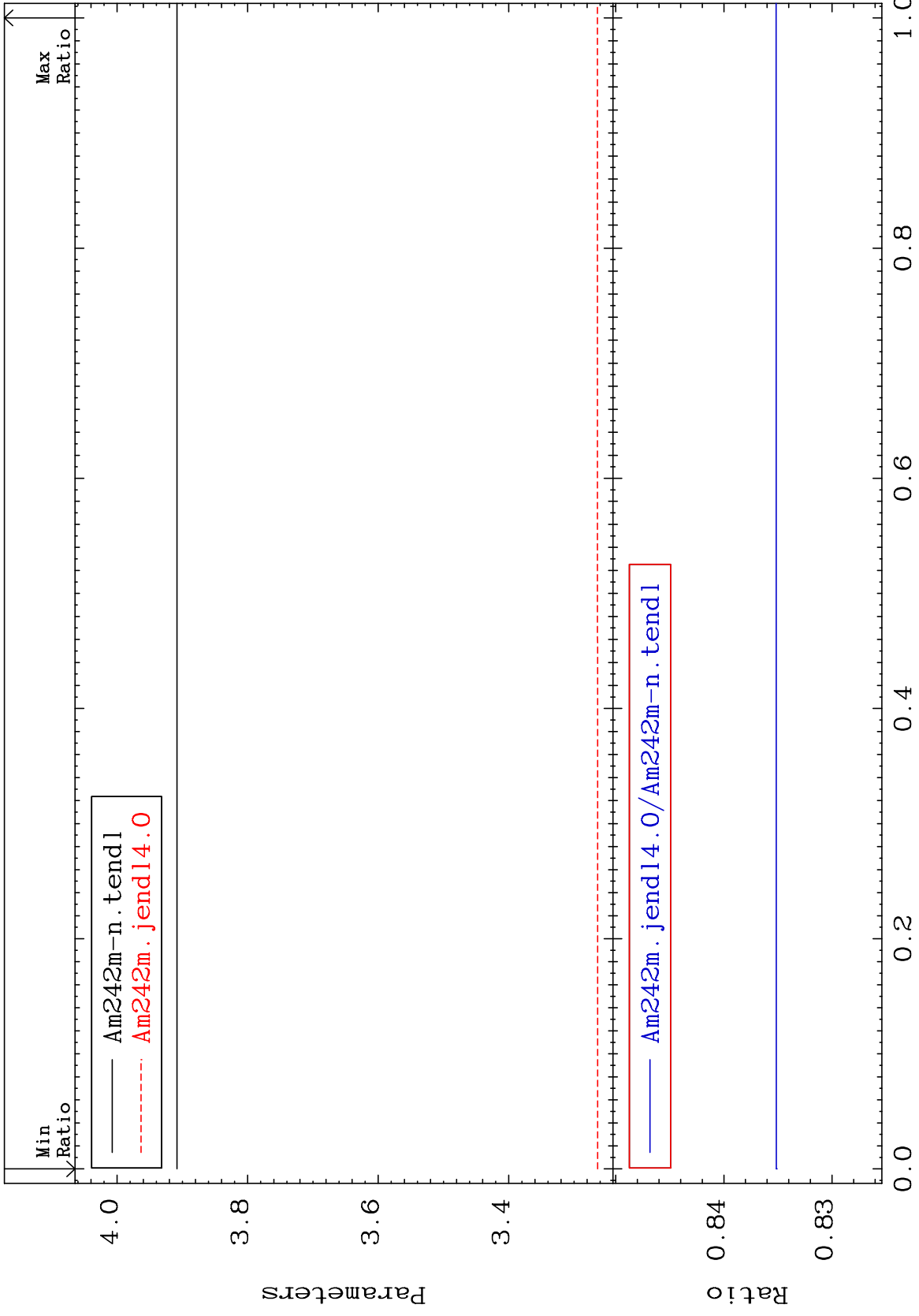
Incident Energy (KeV)

95-Am-242

MAT 9547

Prompt $\bar{\nu}$
Parameters

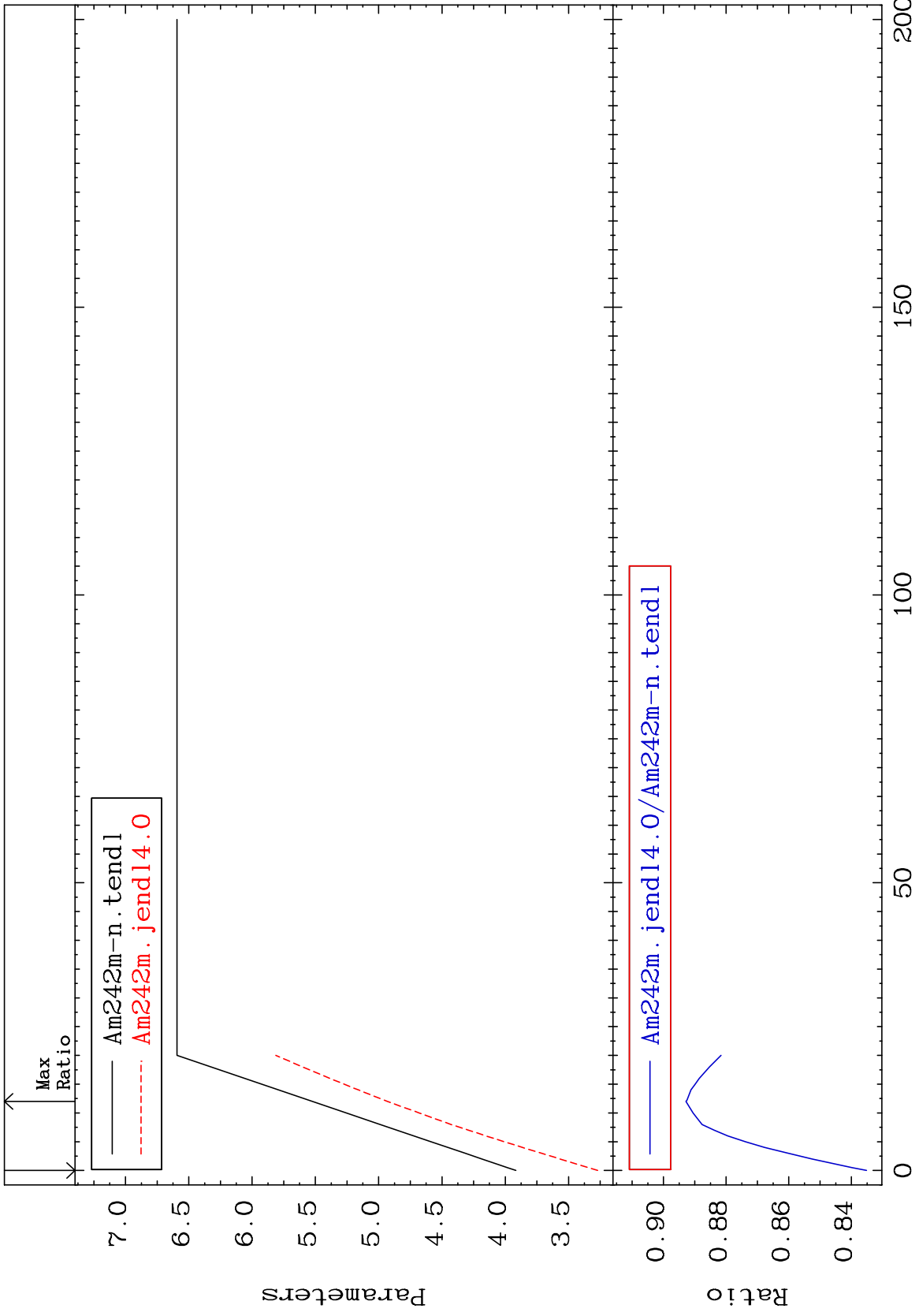
95-Am-242
-16.48 To -16.48%



MAT 9547

Total $\bar{\nu}$
Parameters

95-Am-242
-16.48 To -10.72%



1

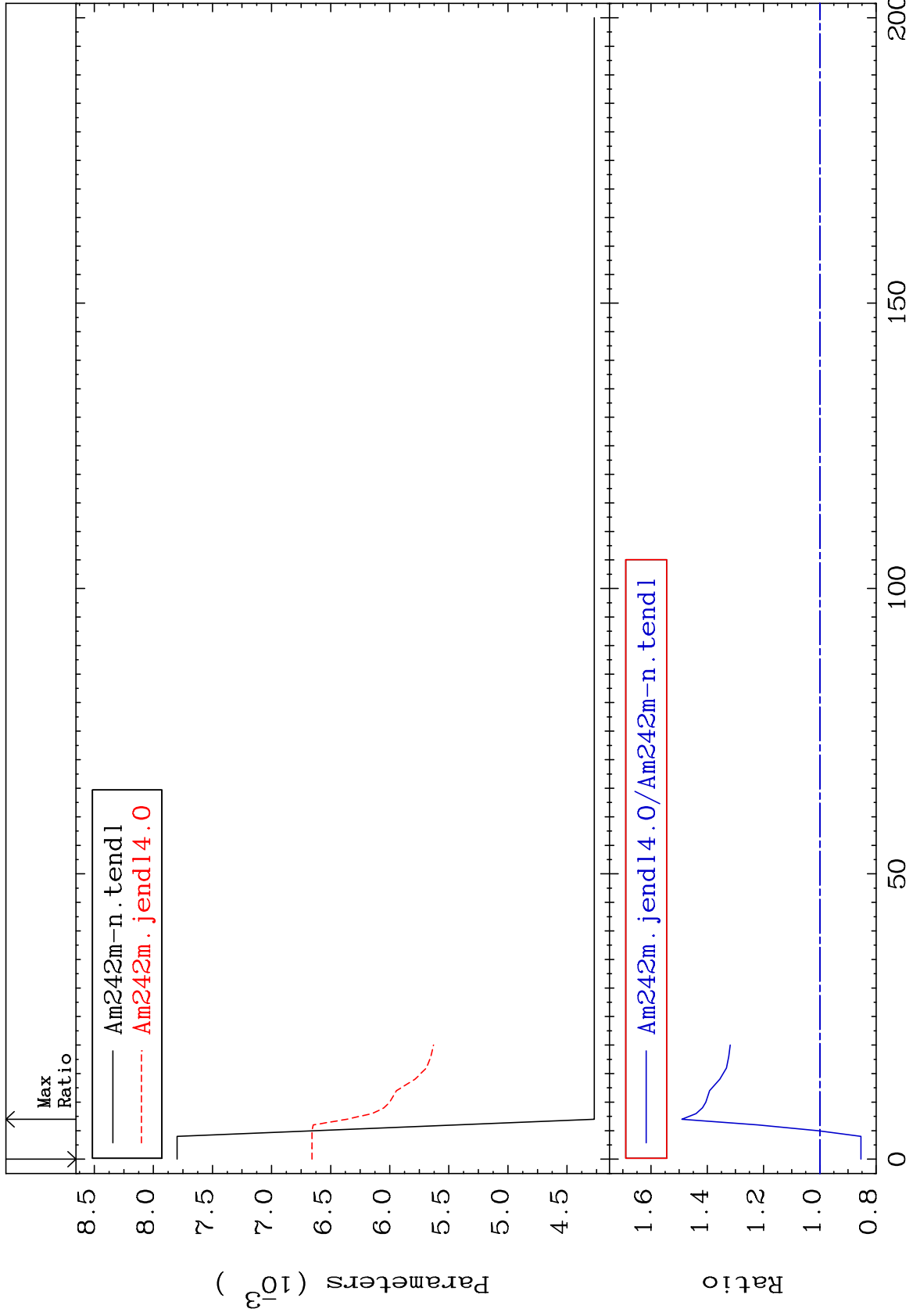
Incident Energy (MeV)

95-Am-242

MAT 9547

Delayed $\bar{\nu}$
Parameters

95-Am-242
-14.63 To 49.03 %



2

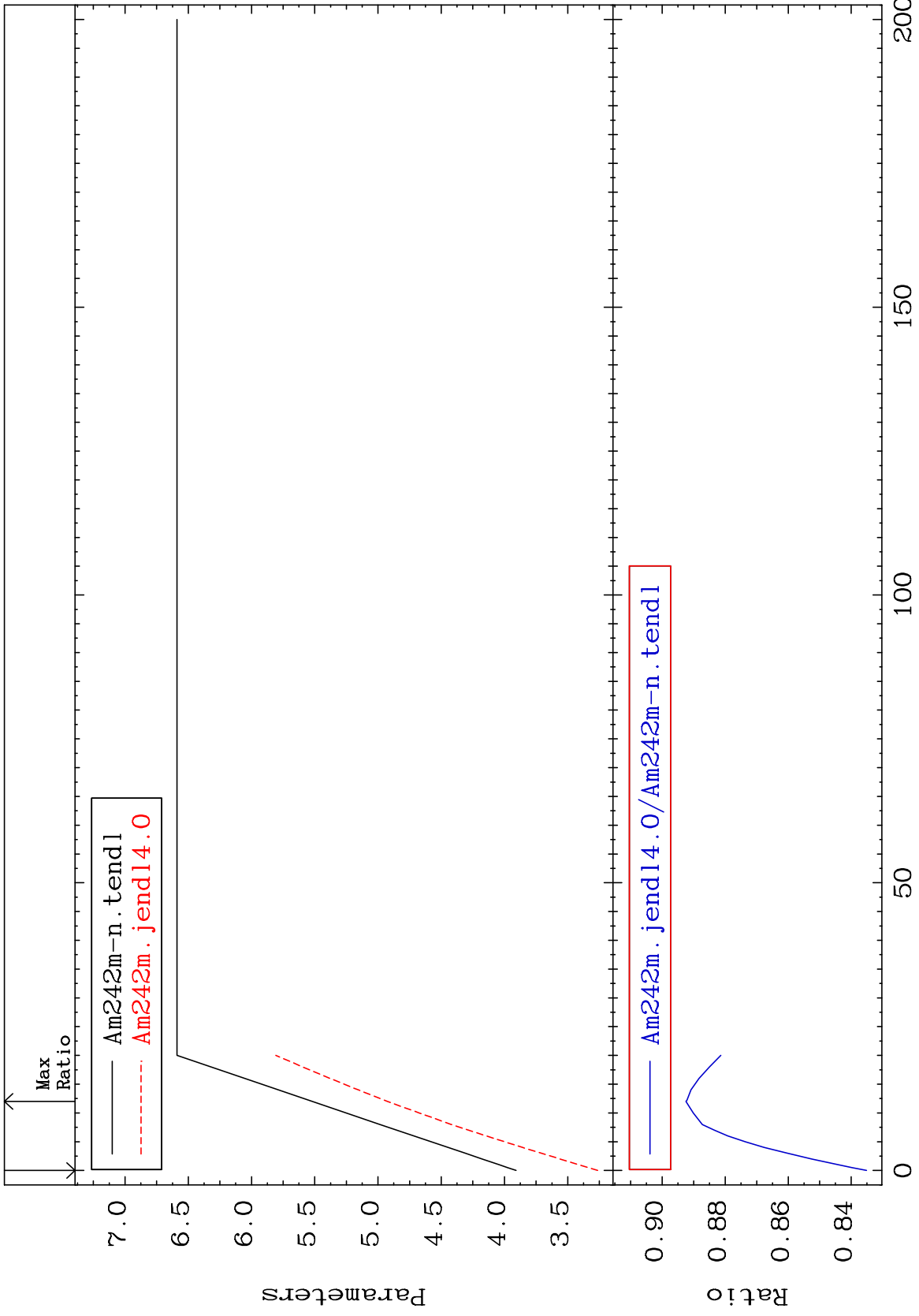
Incident Energy (MeV)

95-Am-242

MAT 9547

Prompt $\bar{\nu}$
Parameters

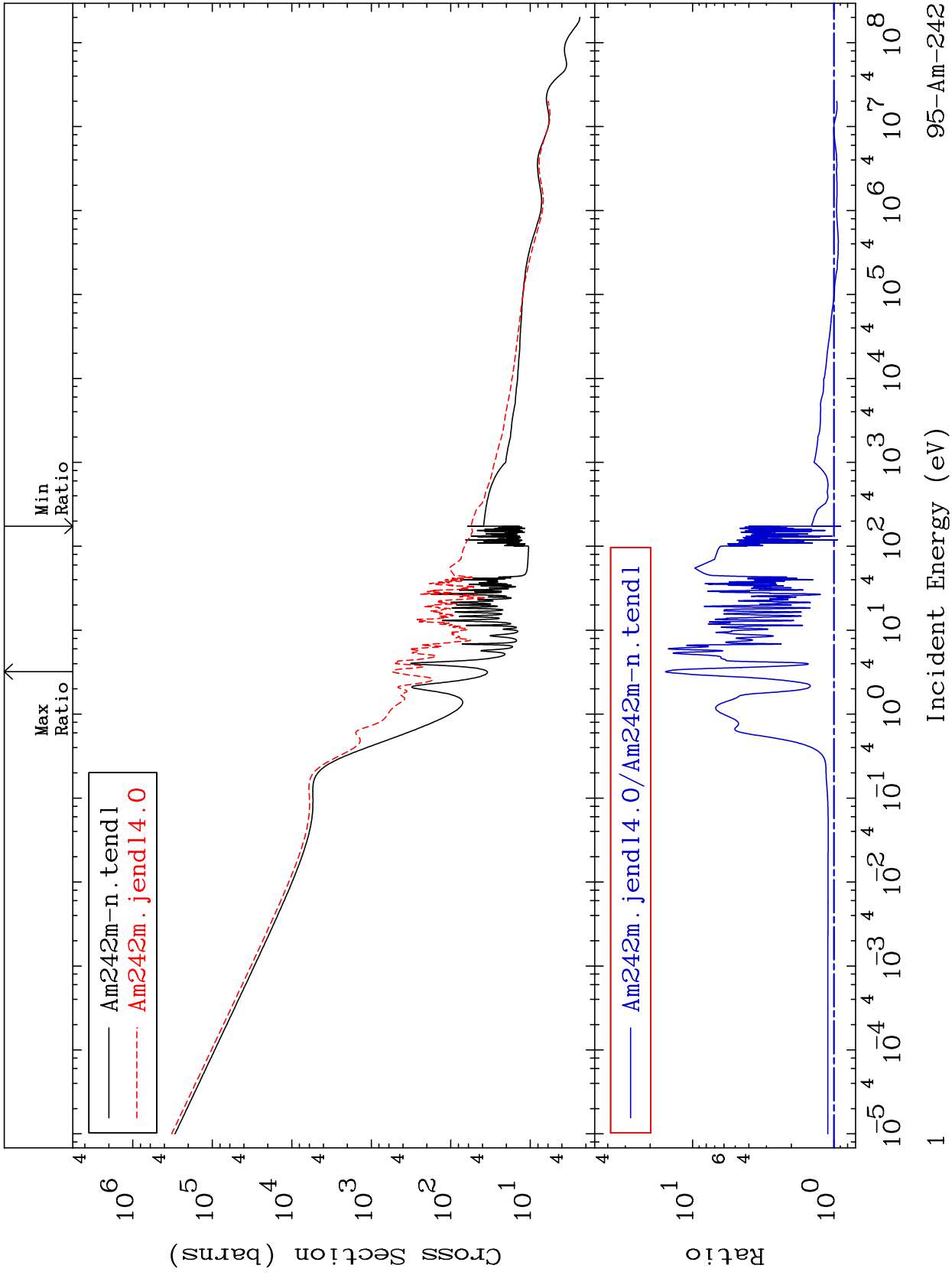
95-Am-242
-16.48 To -10.76%



MAT 9547

95-Am-242
-10.50 To 1457. %

Total
Cross Section



95-Am-242

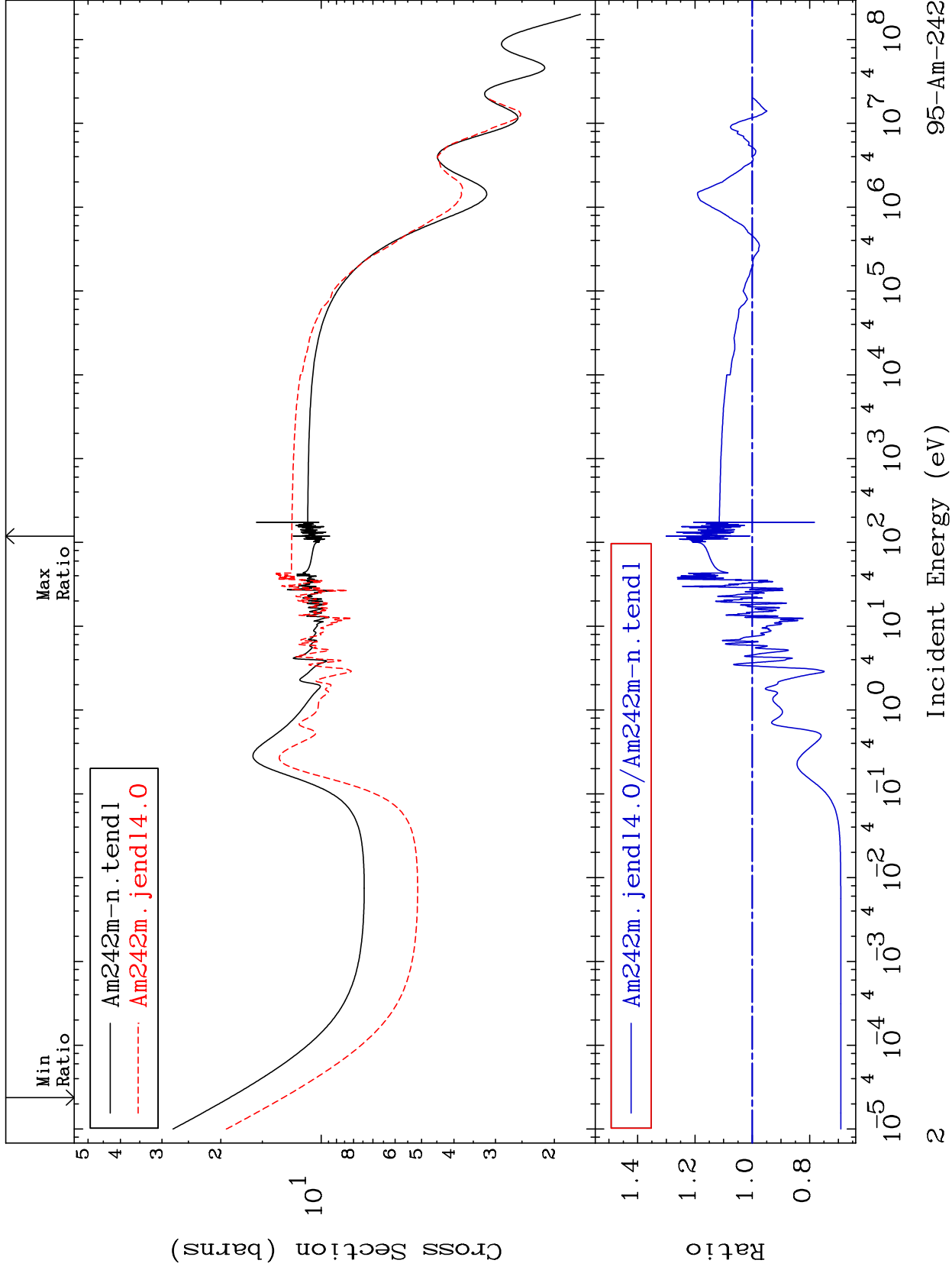
MAT 9547

Elastic

95-Am-242

Cross Section

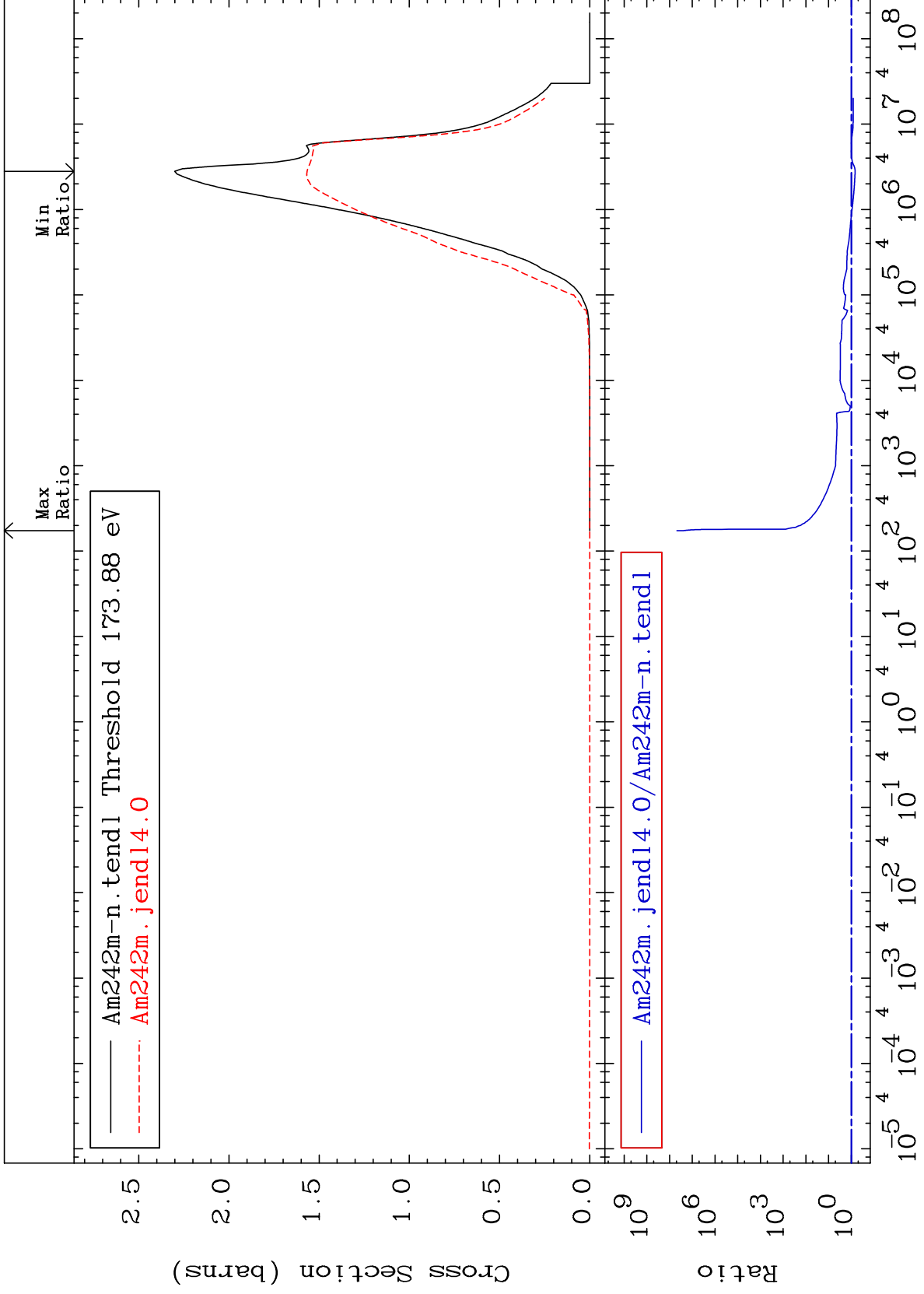
-30.87 To 30.11 %



MAT 9547

Inelastic
Cross Section

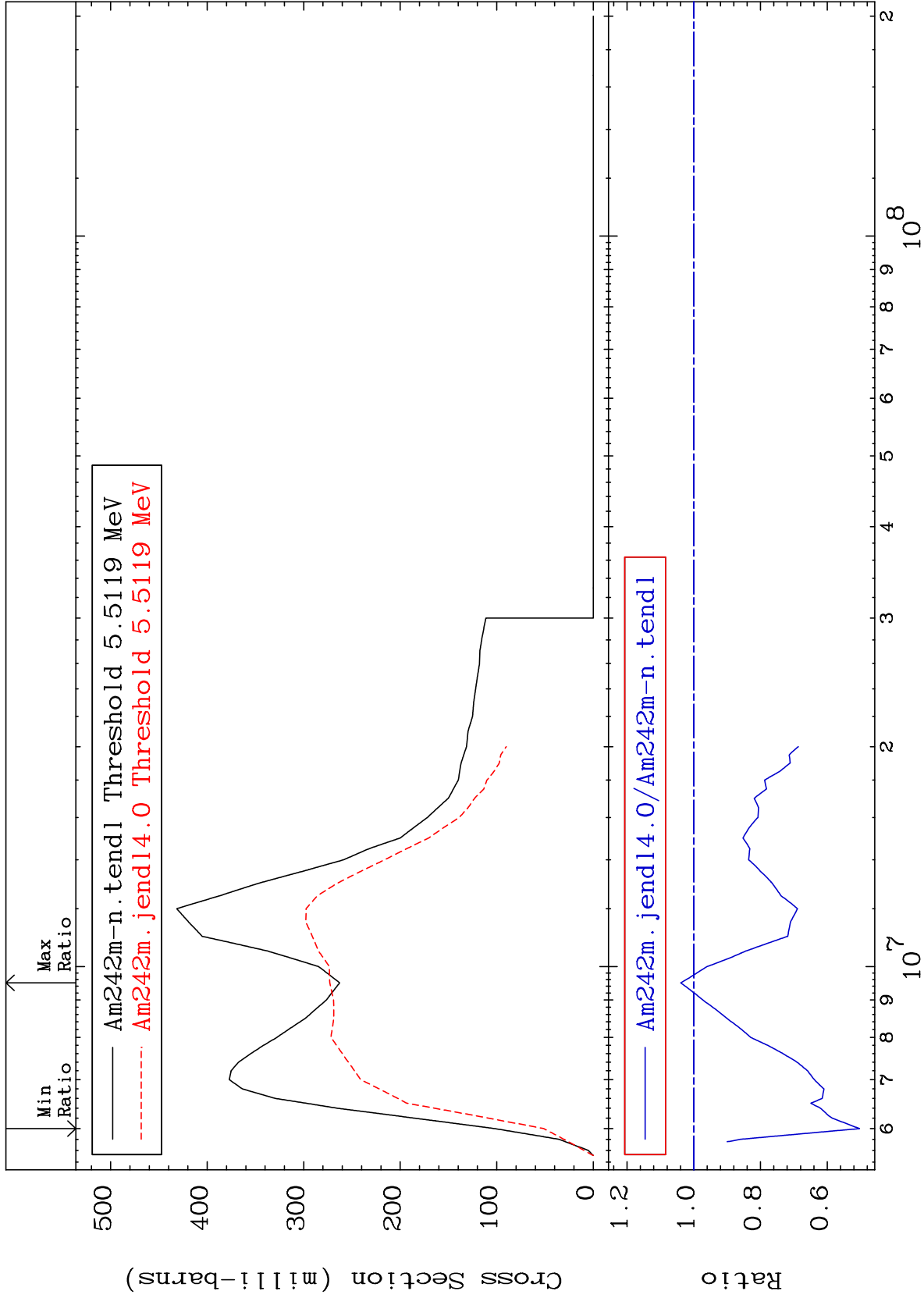
95-Am-242
-31.93 To 9999. %



MAT 9547

(n,2n)
Cross Section

95-Am-242
-49.69 To 3.902 %



4

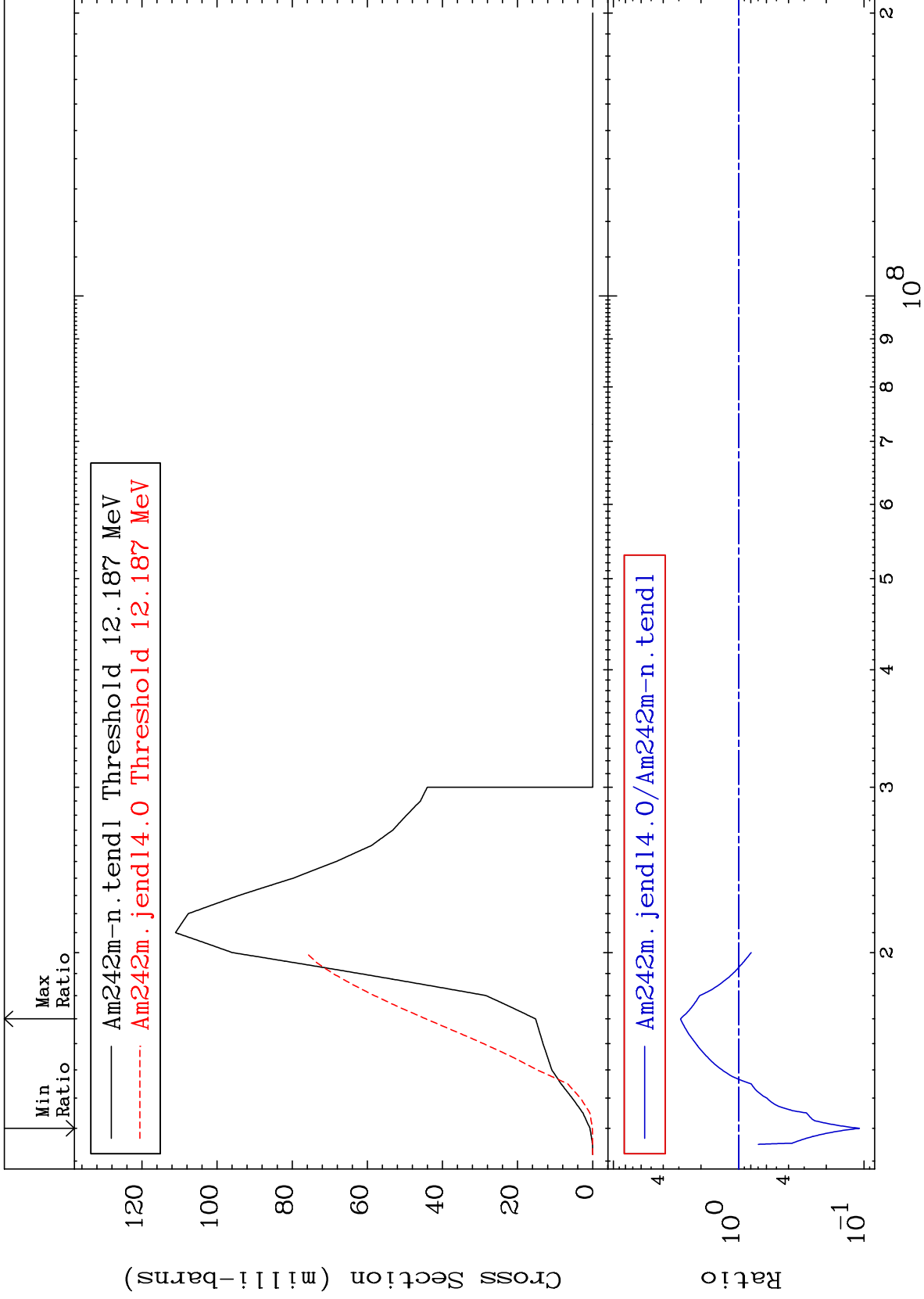
Incident Energy (eV)

95-Am-242

MAT 9547

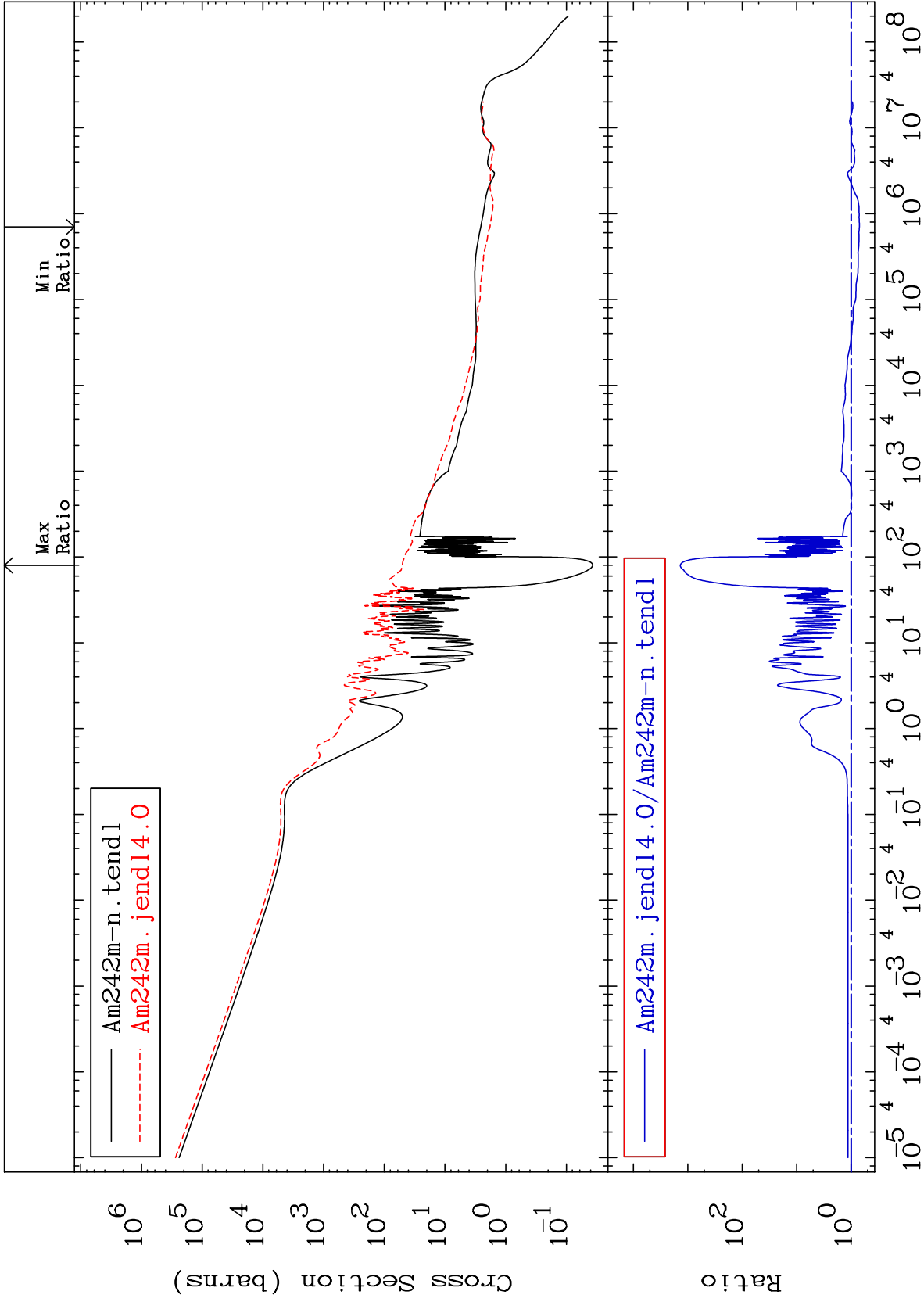
(n, 3n)
Cross Section

95-Am-242
-89.13 To 192.1 %



MAT 9547

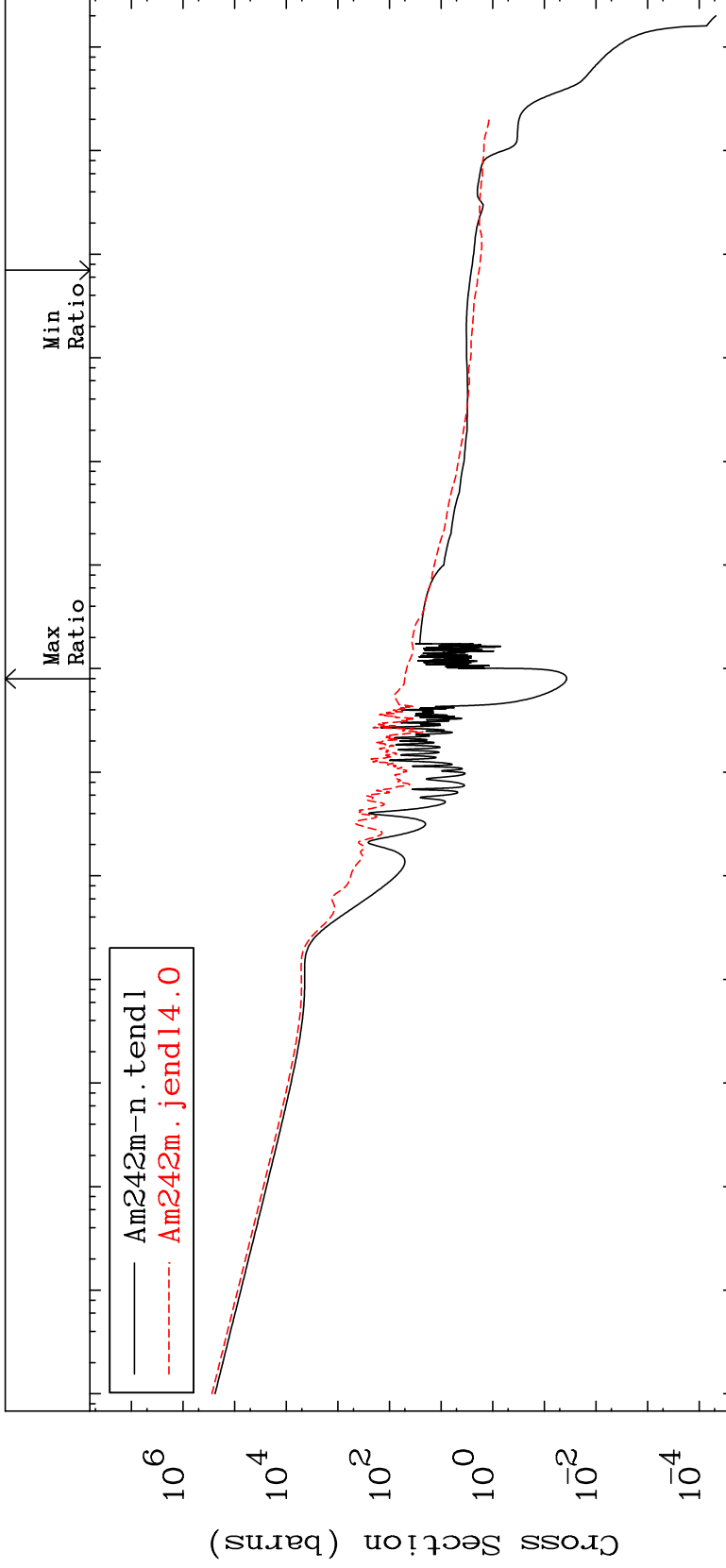
Fission Cross Section 95-Am-242
-29.47 To 9999. %



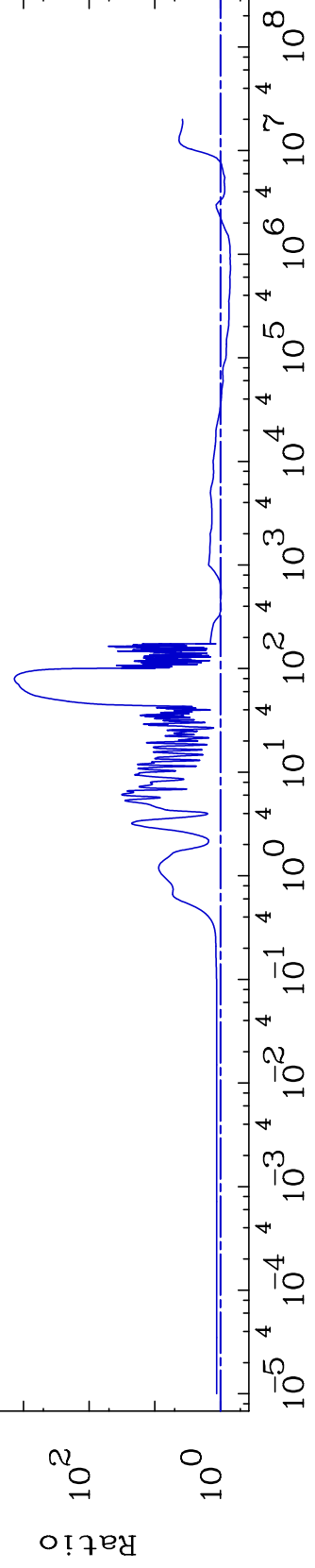
MAT 9547

(n,f) First Chance
Cross Section

95-Am-242
-29.47 To 9999. %

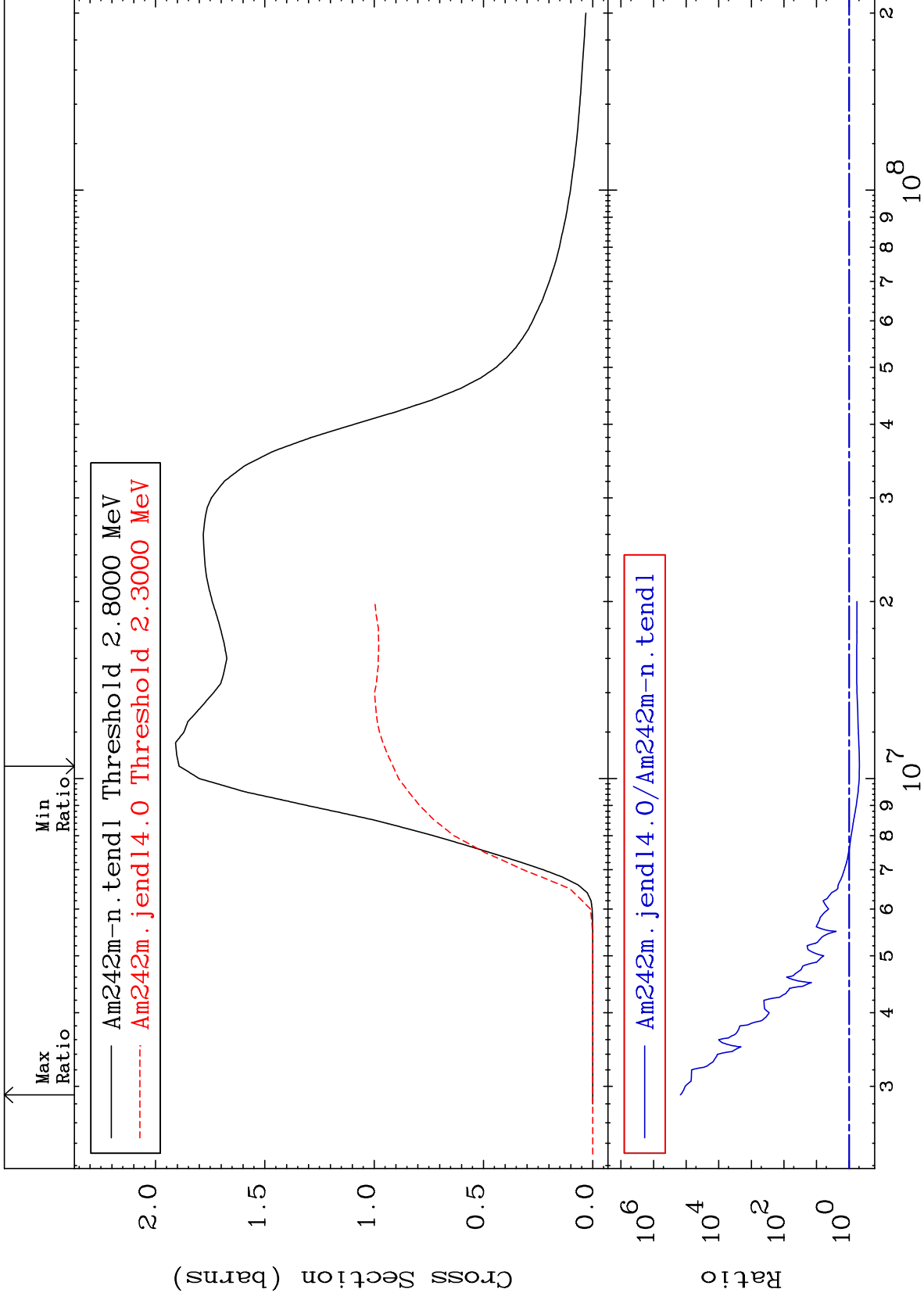


Am242m.jendl4.0/Am242m-n.tendl



Incident Energy (eV)

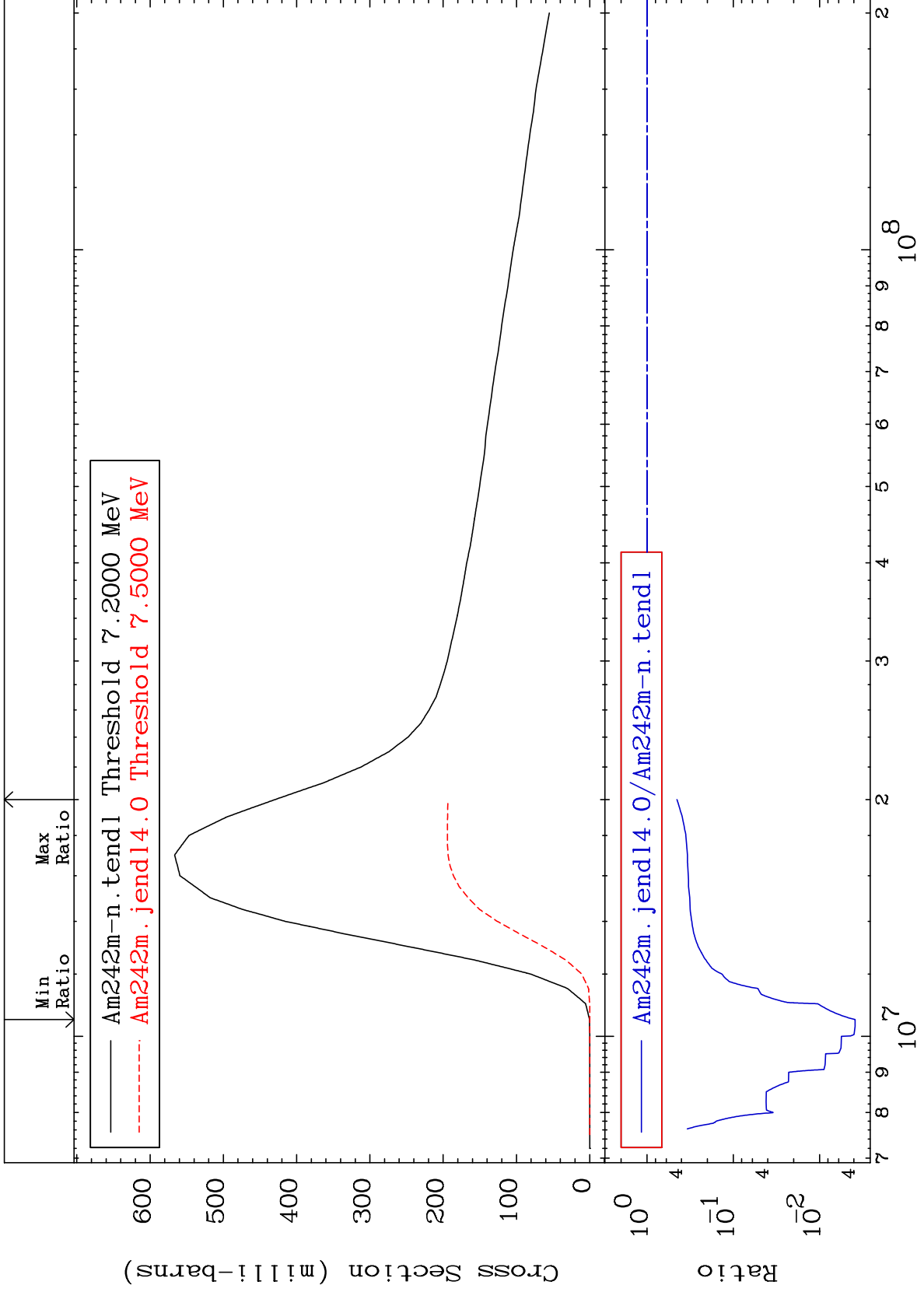
95-Am-242



MAT 9547

(n,2nf) Third Chance
Cross Section

95-Am-242
-99.61 To -54.90%



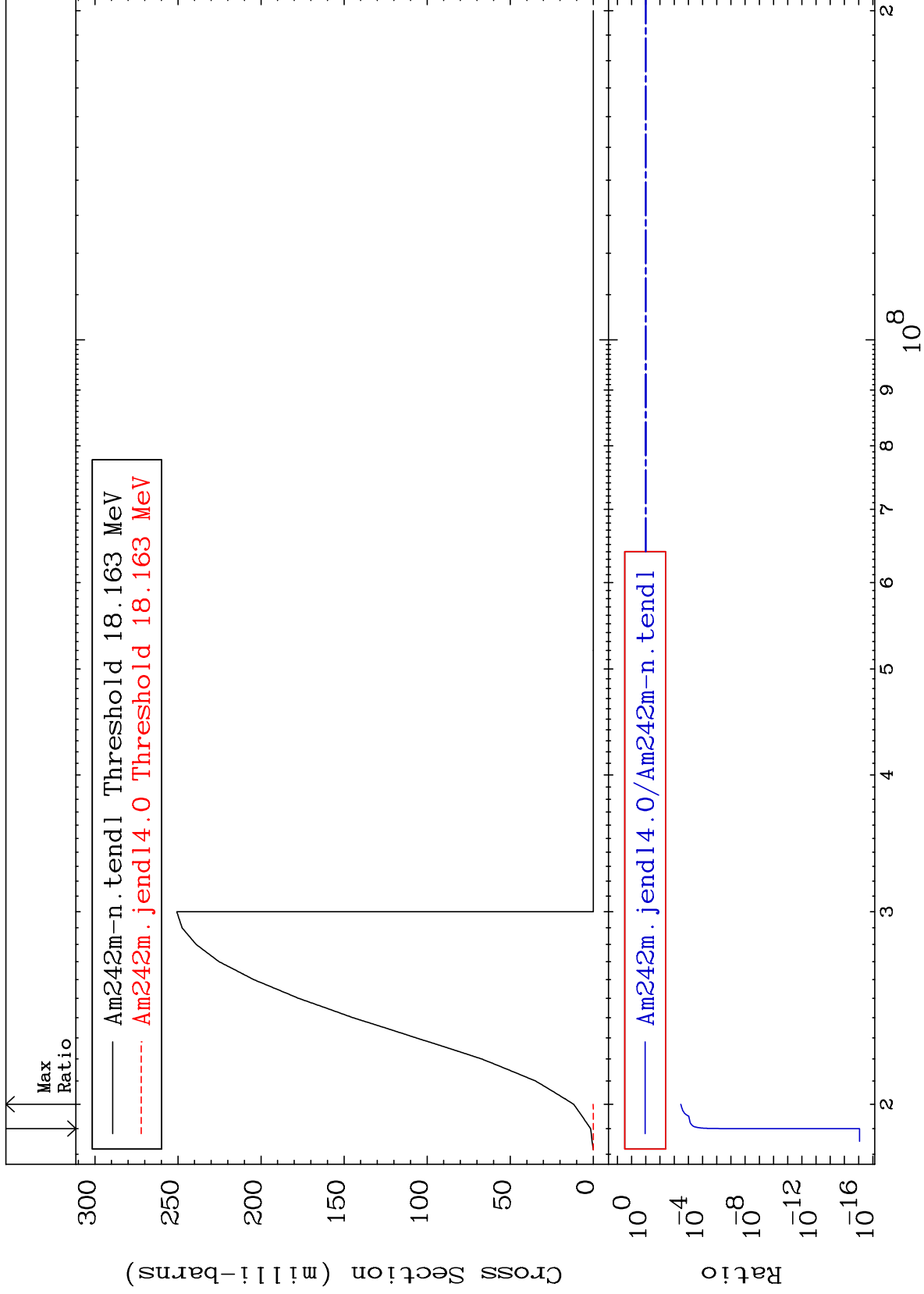
MAT 9547

(n,4n)

95-Am-242

Cross Section

-100.0 To -99.66%



10

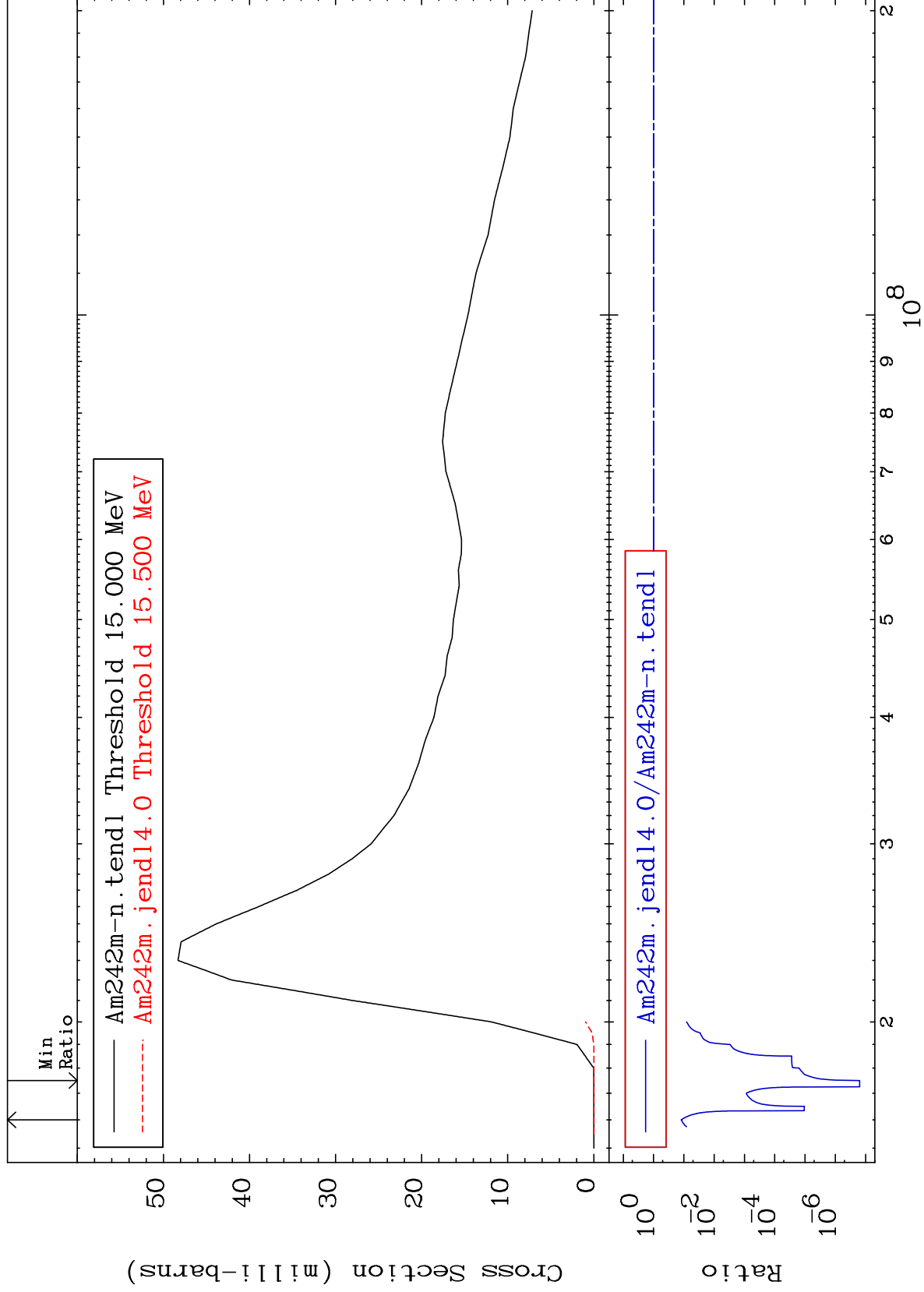
Incident Energy (eV)

95-Am-242

MAT 9547

(n,3nf) Fourth Chance
Cross Section

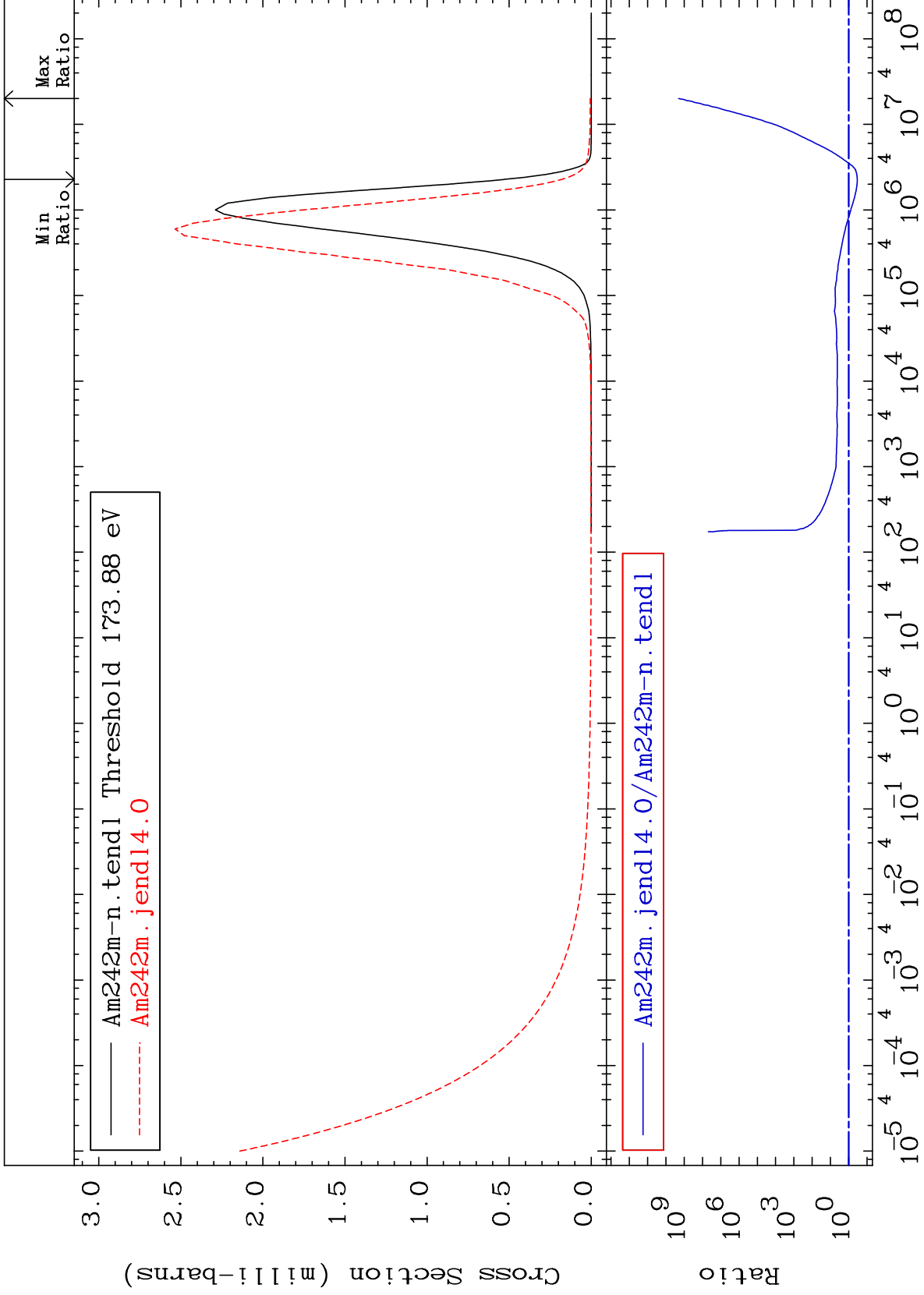
95-Am-242
-100.0 To -87.75%



MAT 9547

0.000 keV (n,n') Level
Cross Section

95-Am-242
-65.93 To 9999. %



12

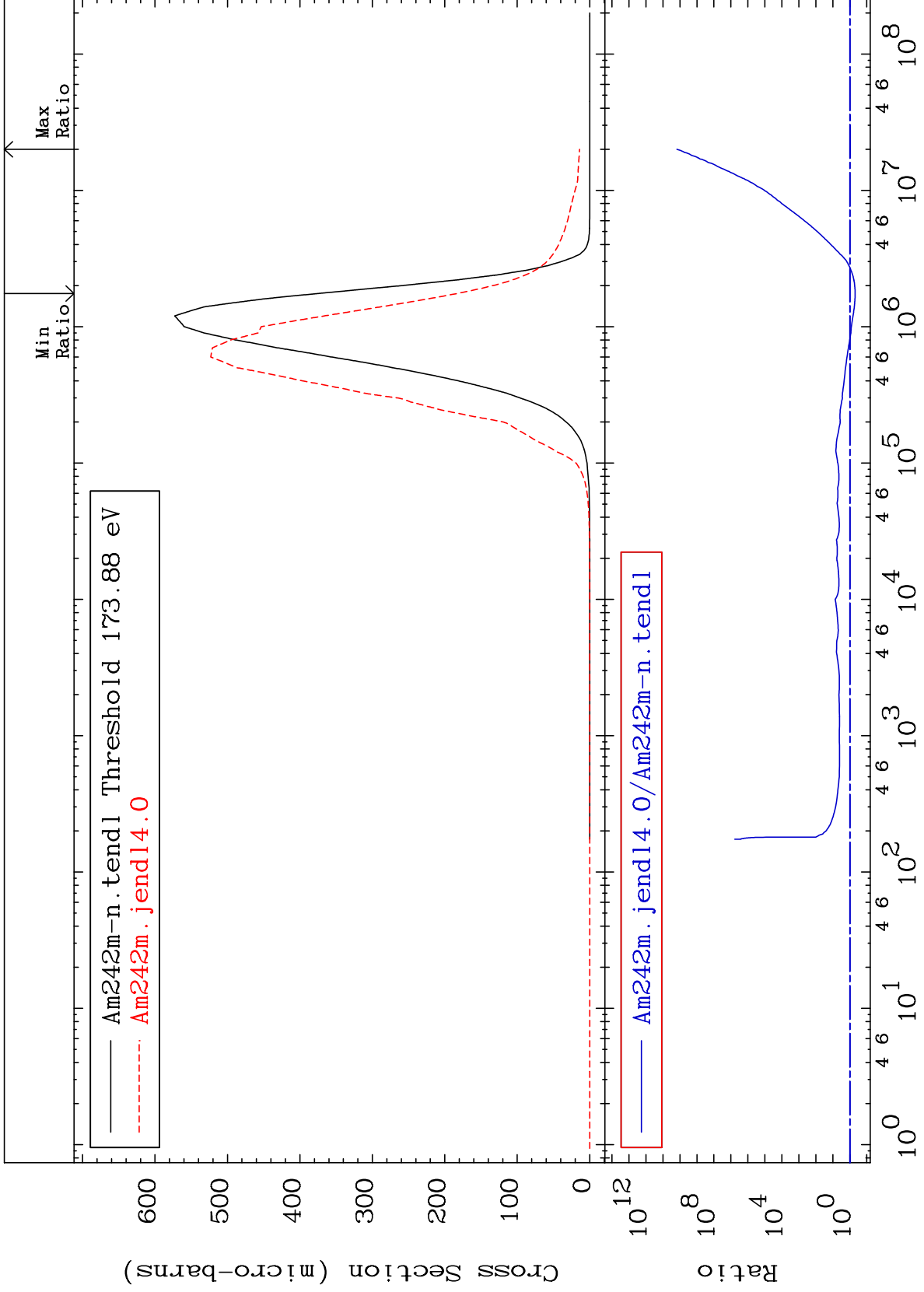
Incident Energy (eV)

95-Am-242

MAT 9547

44.09 keV (n,n') Level
Cross Section

95-Am-242
-51.19 To 9999. %

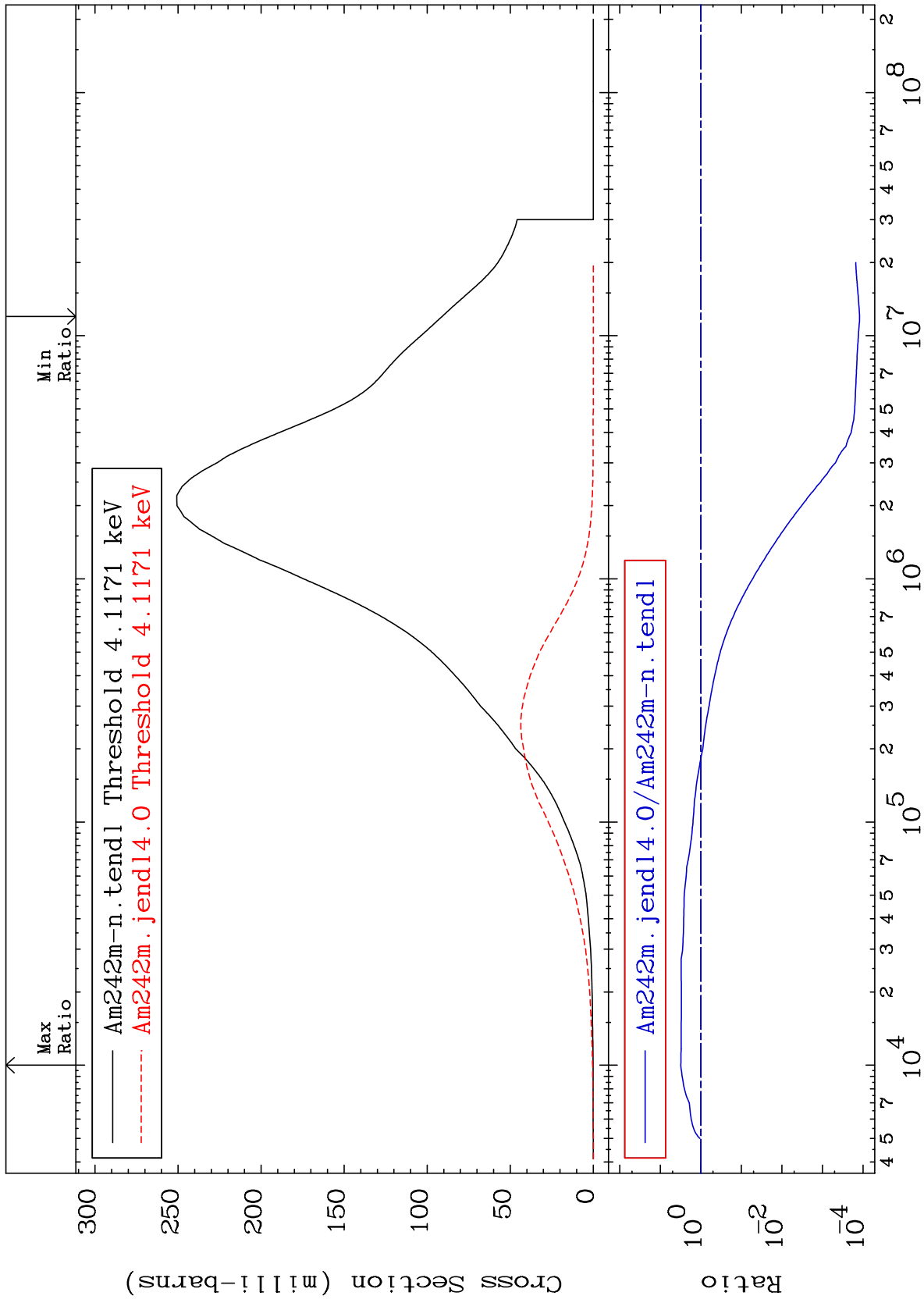


13

Incident Energy (eV)

95-Am-242

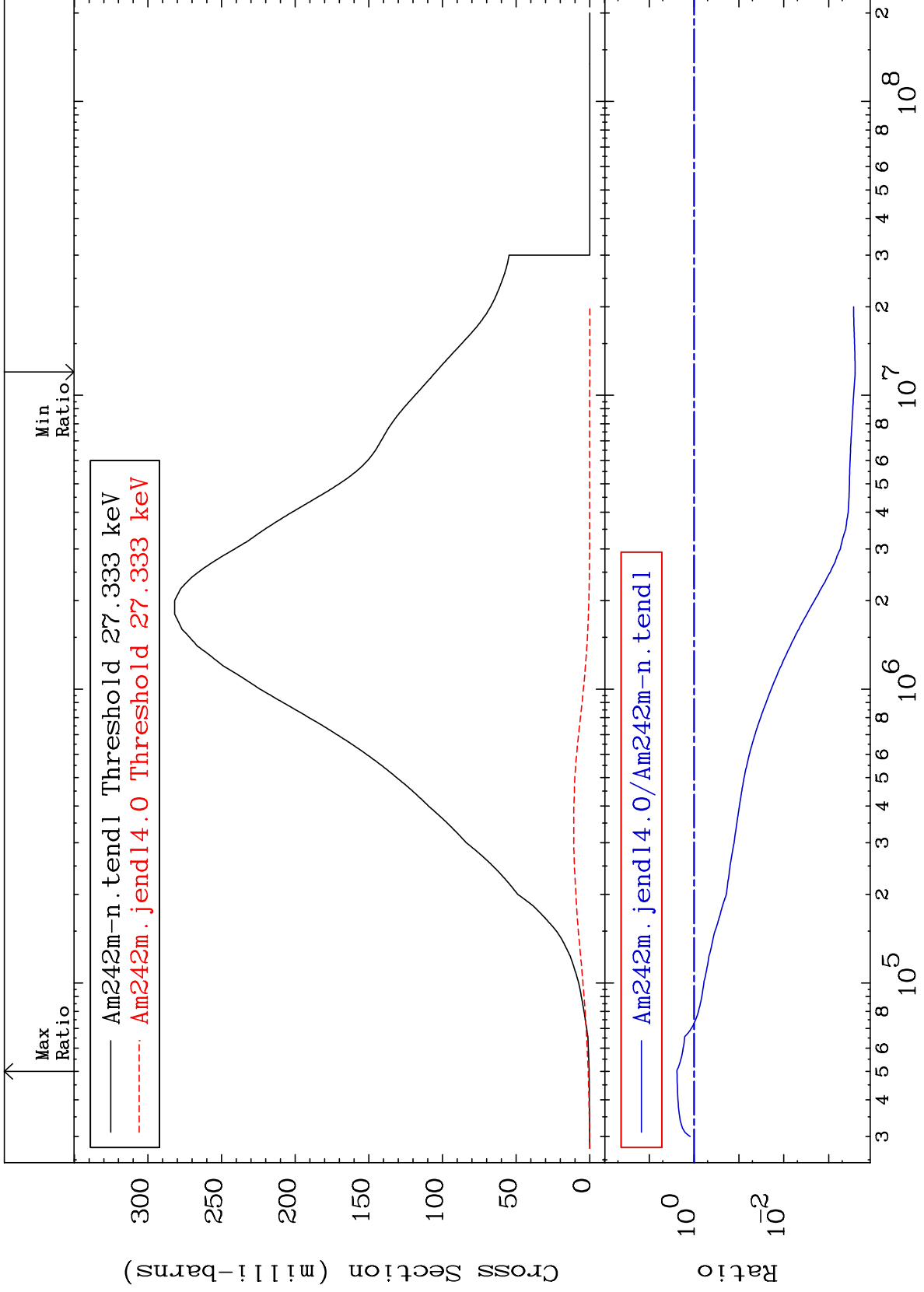
MAT 9547 52.70 keV (n,n') Level Cross Section 95-Am-242 -99.99 To 212.9 %



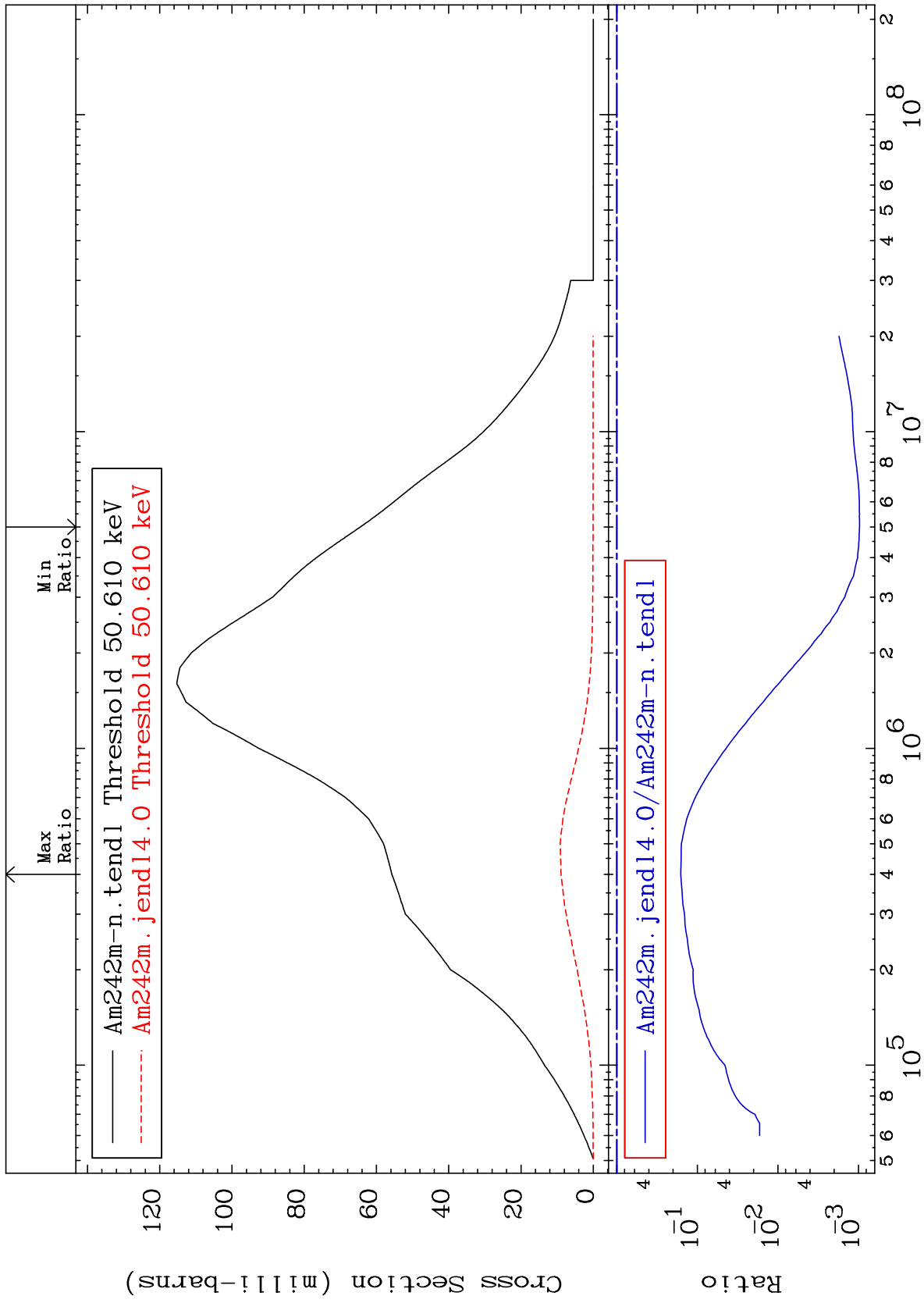
MAT 9547

75.82 keV (n,n') Level
Cross Section

95-Am-242
-99.97 To 142.3 %



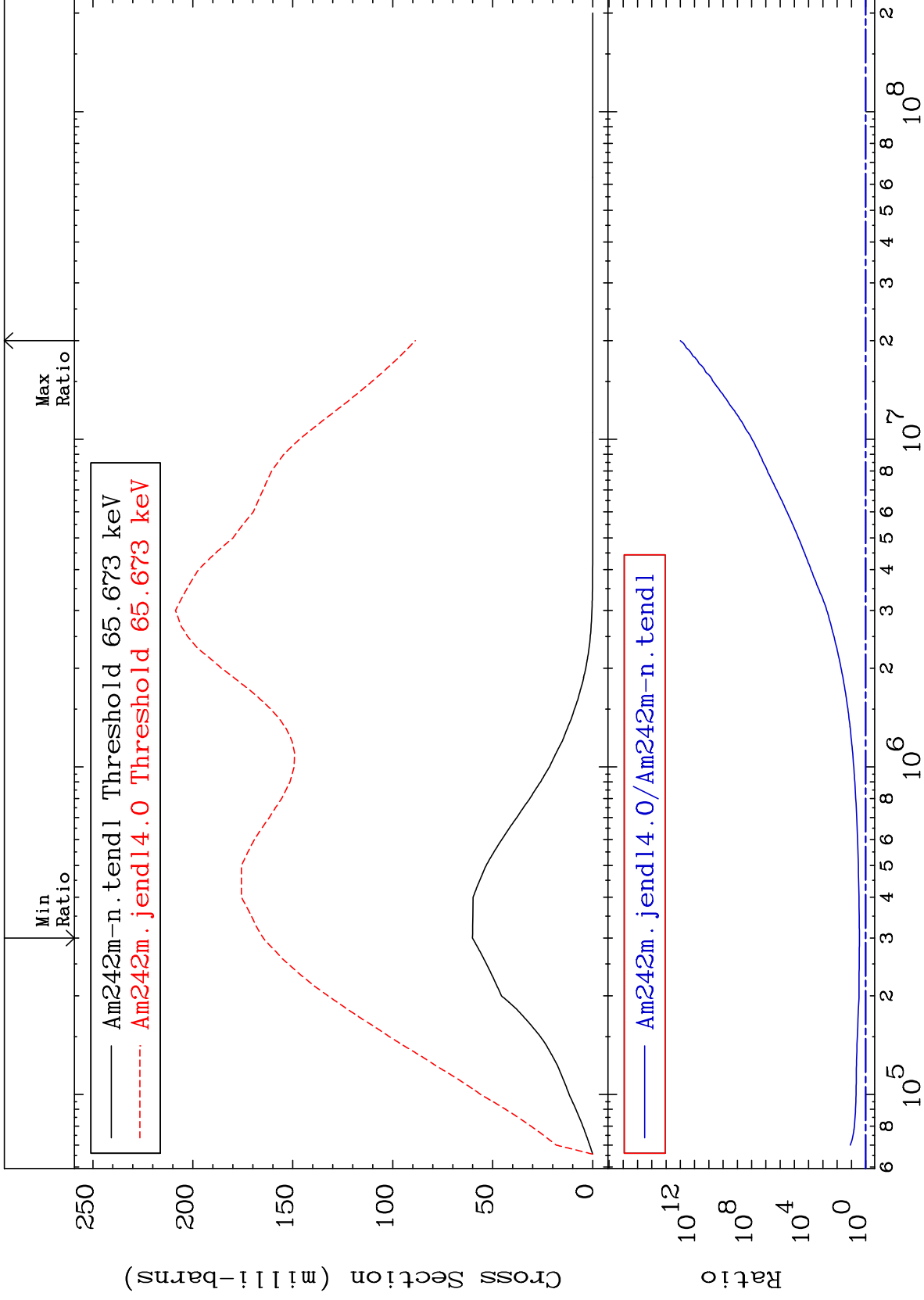
MAT 9547 95-Am-242
-99.90 To -83.96%
 99.00 keV (n,n') Level
 Cross Section



MAT 9547

114.0 keV (n,n') Level
Cross Section

95-Am-242
174.1 To 9999. %



17

Incident Energy (eV)

95-Am-242

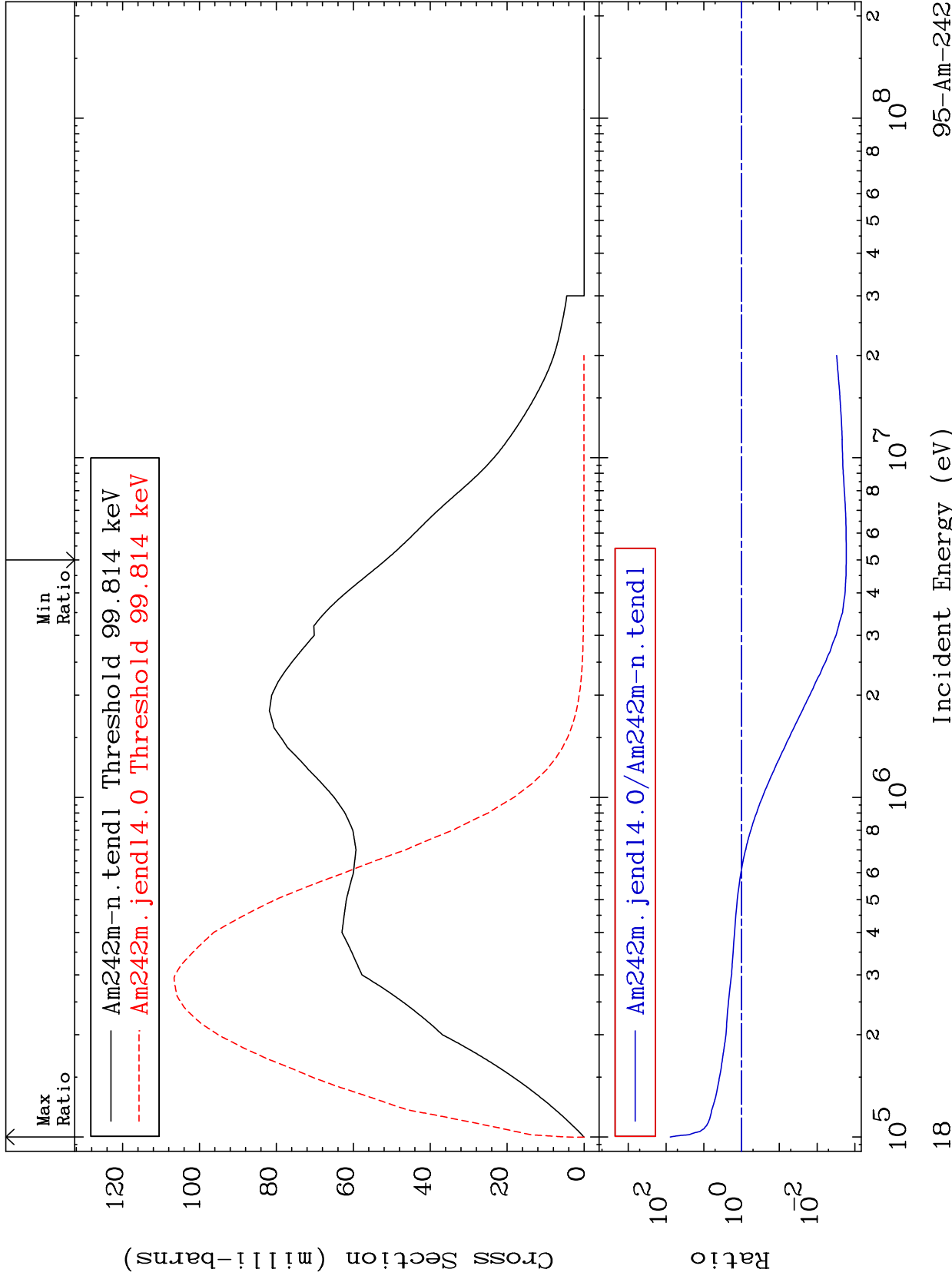
MAT 9547

148.0 keV (n,n') Level

95-Am-242

-99.83 To 7634. %

Cross Section



18

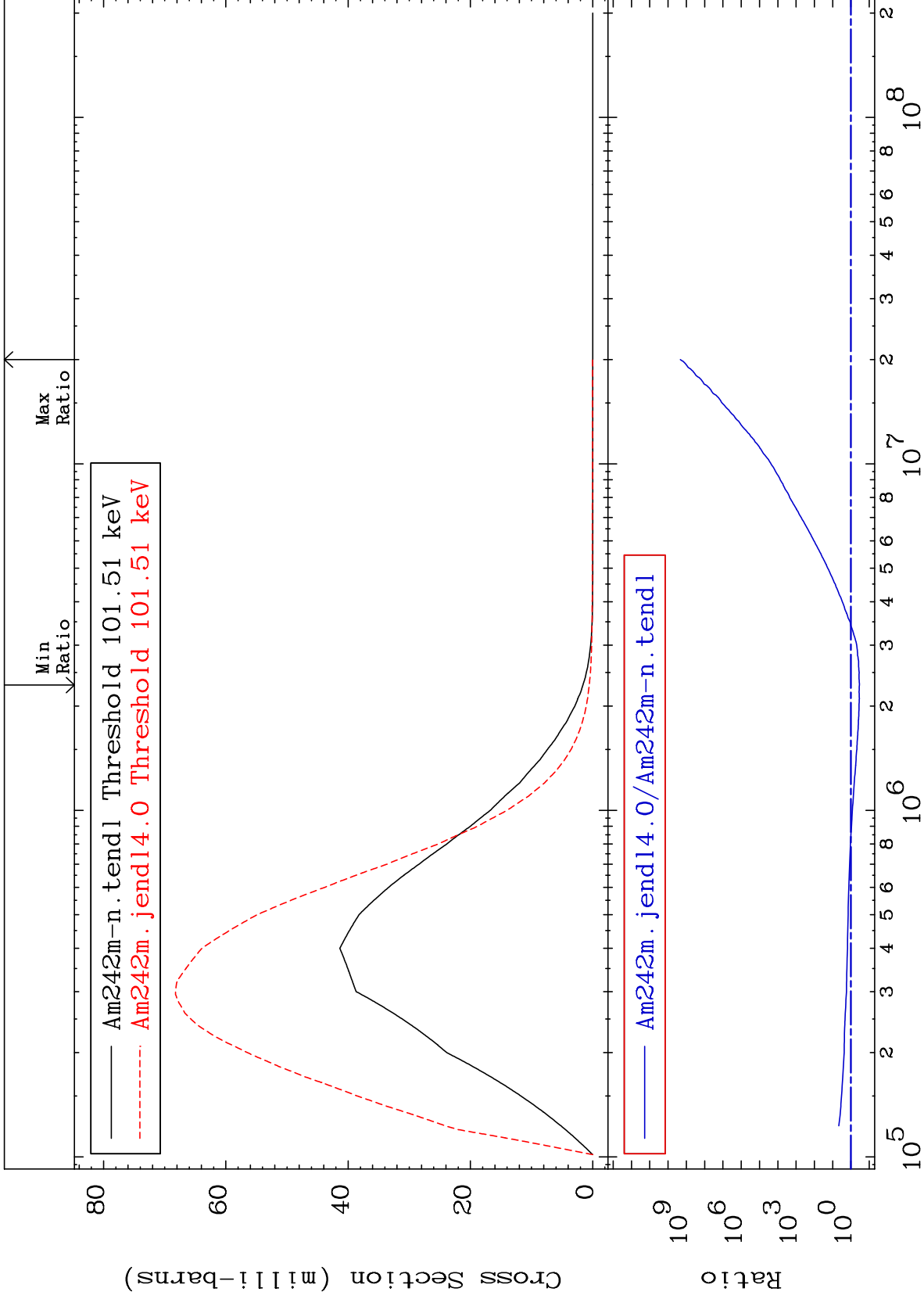
Incident Energy (eV)

95-Am-242

MAT 9547

149.7 keV (n,n') Level
Cross Section

95-Am-242
-65.54 To 9999. %



19

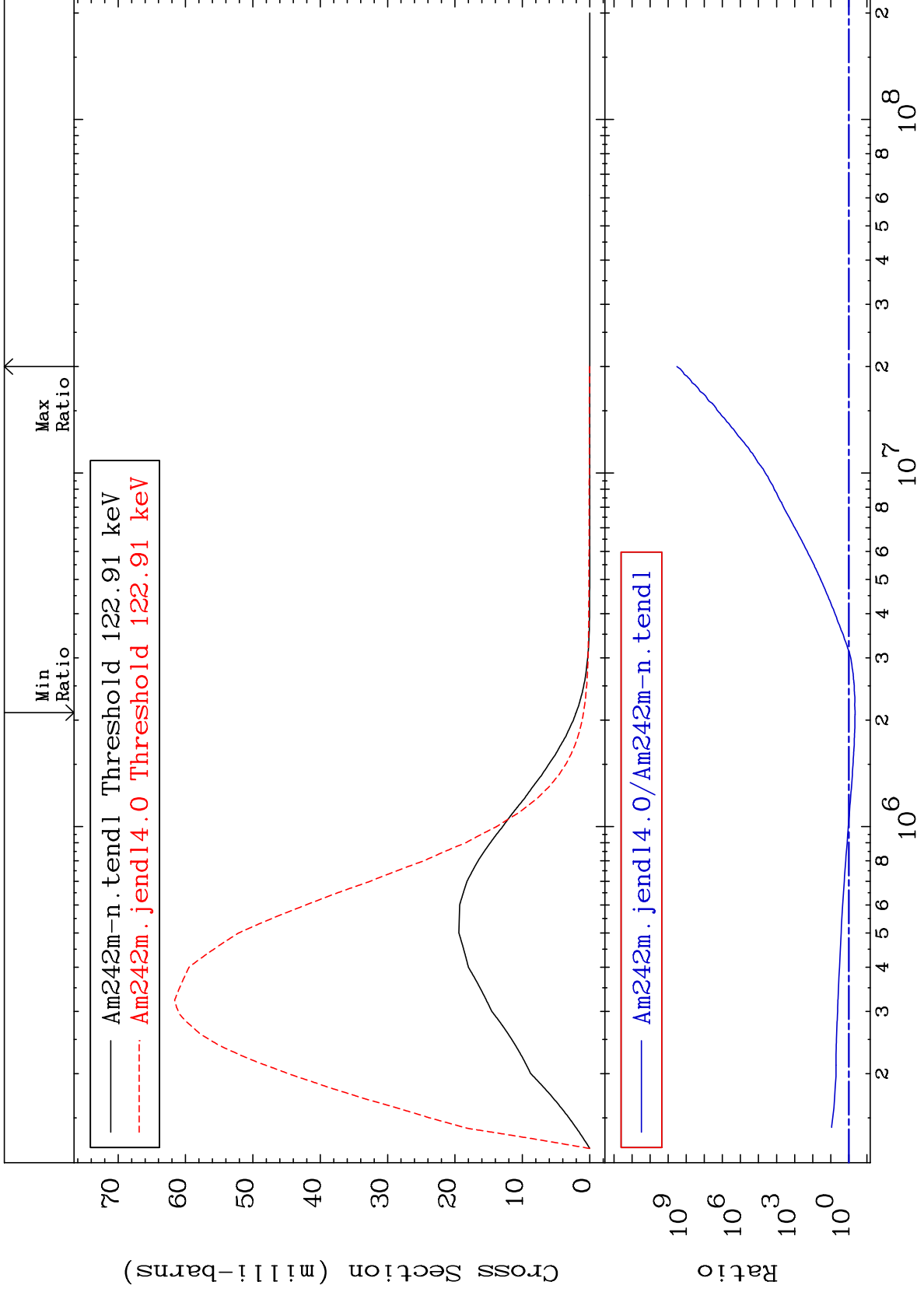
Incident Energy (eV)

95-Am-242

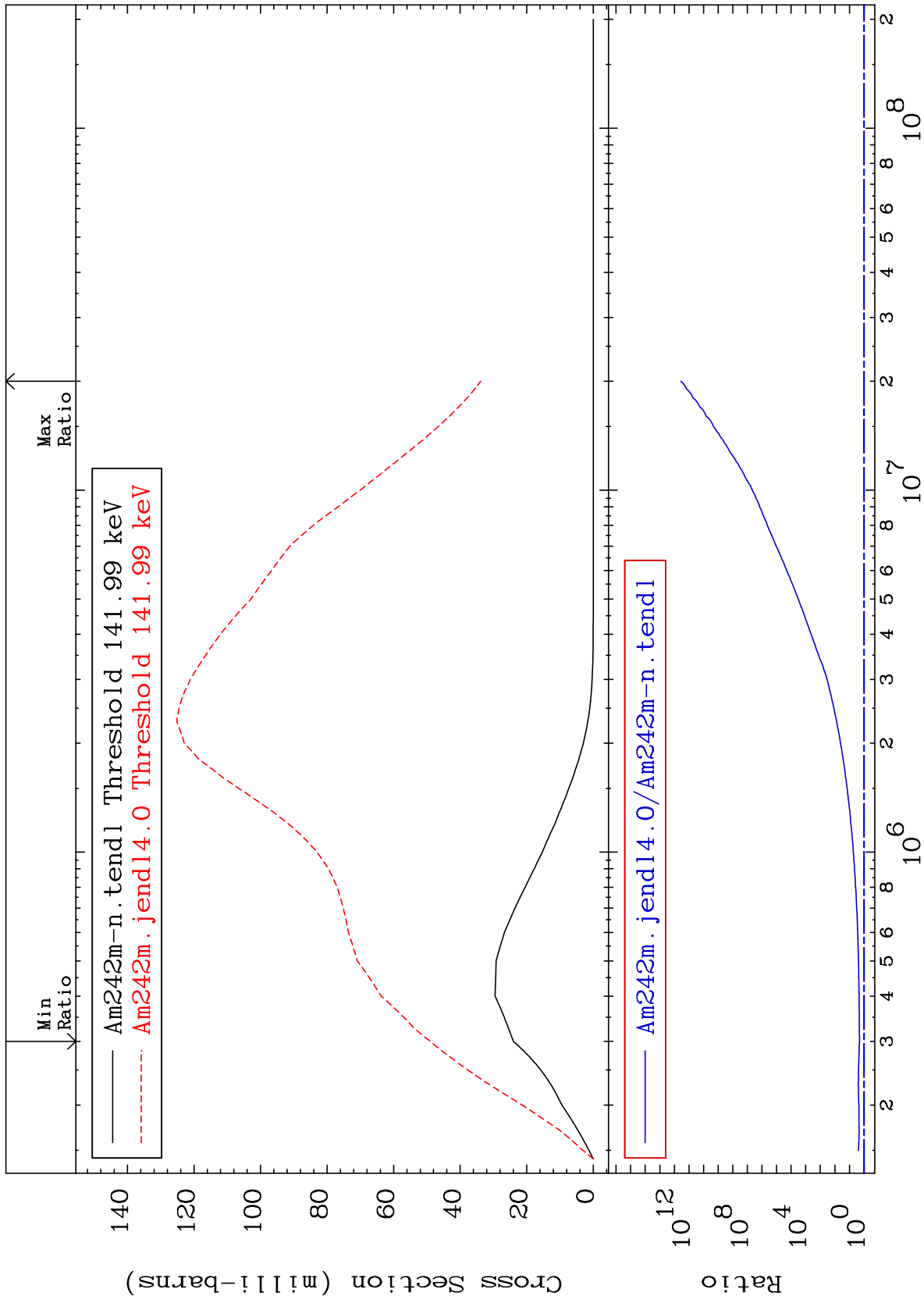
MAT 9547

171.0 keV (n,n') Level
Cross Section

95-Am-242
-54.80 To 9999. %



MAT 9547 190.0 keV (n,n') Level 95-Am-242
 Cross Section 104.0 To 9999. %



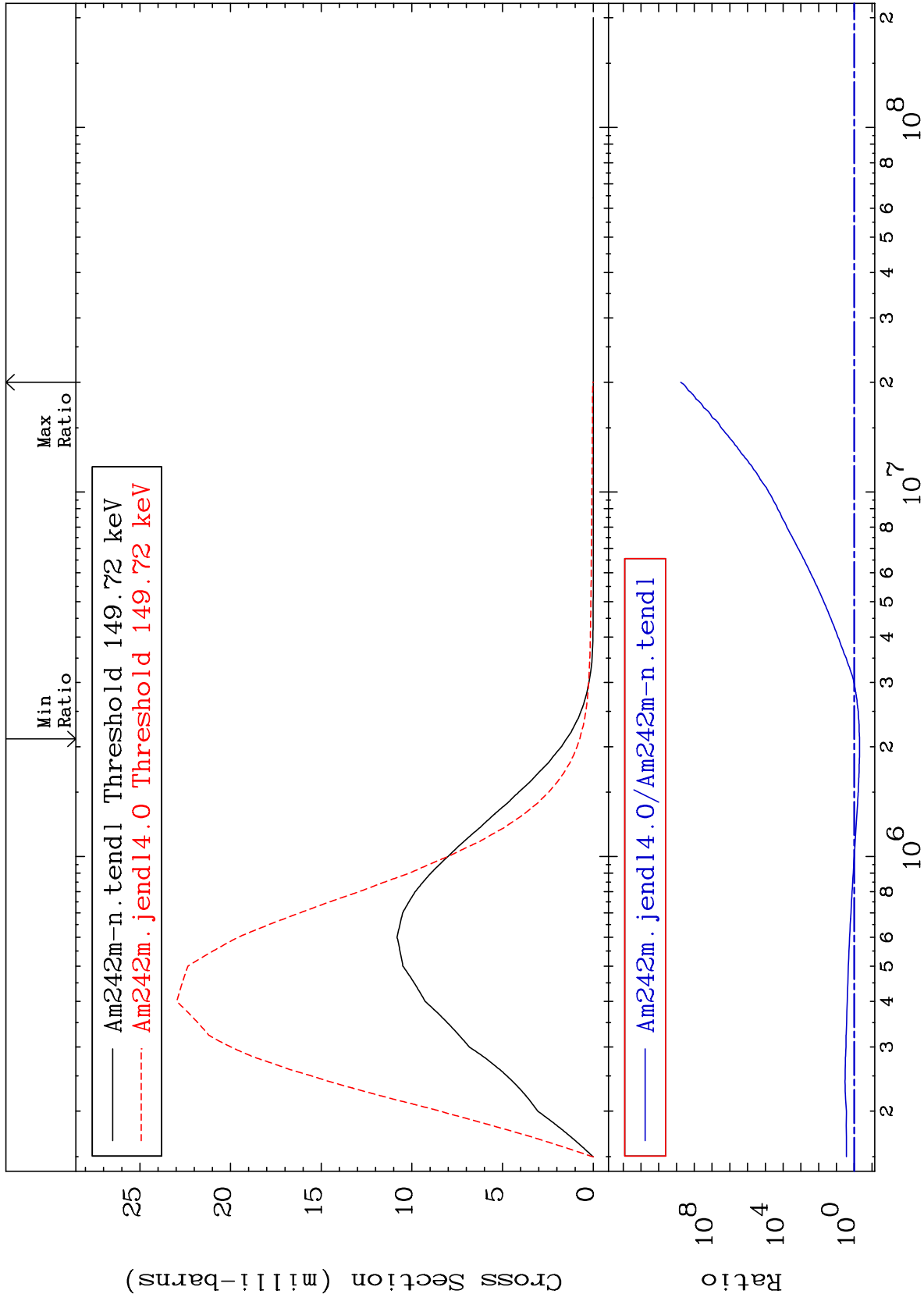
MAT 9547

197.7 keV (n,n') Level

95-Am-242

-49.75 To 9999. %

Cross Section



22

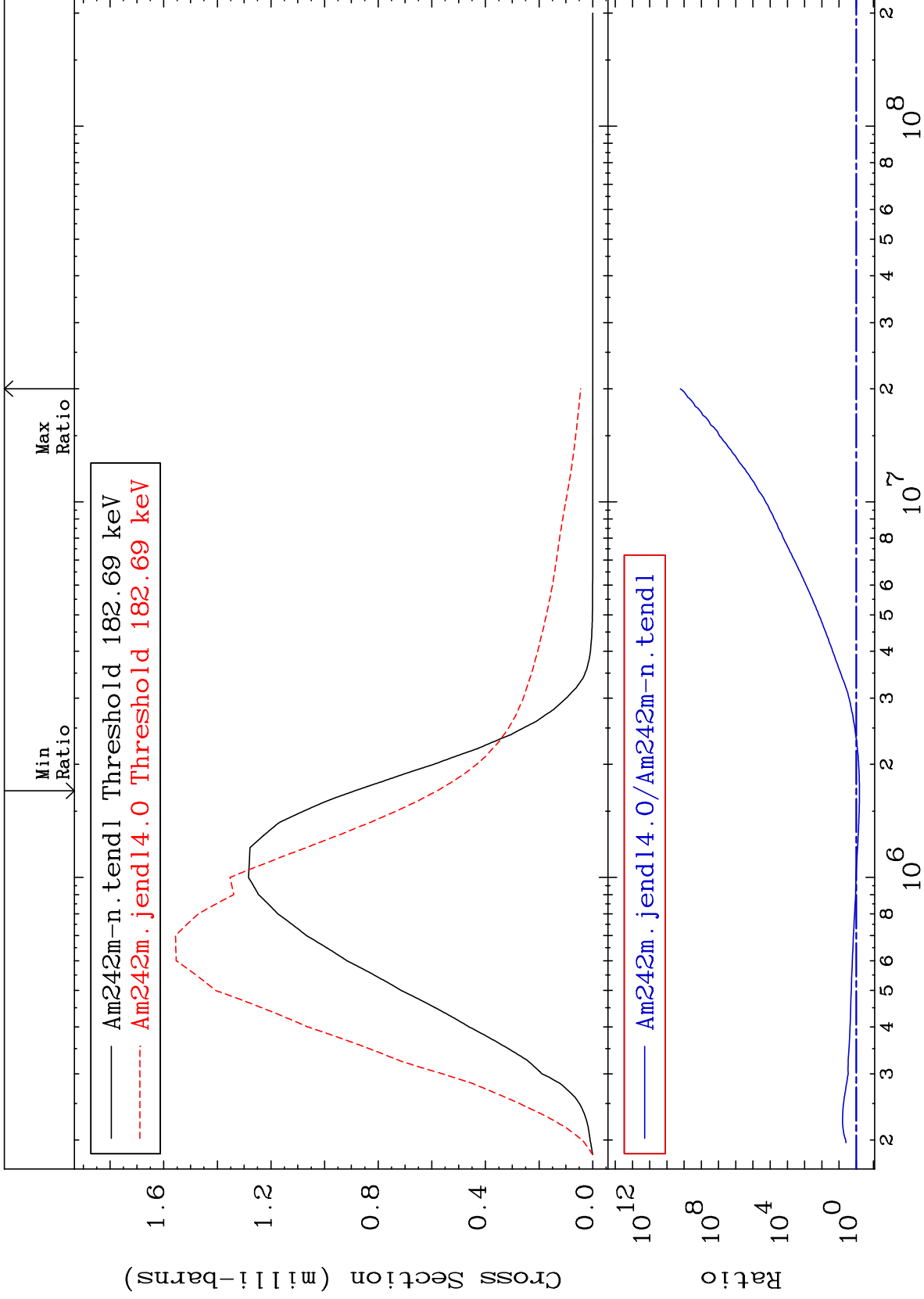
Incident Energy (eV)

95-Am-242

MAT 9547

230.5 keV (n,n') Level
Cross Section

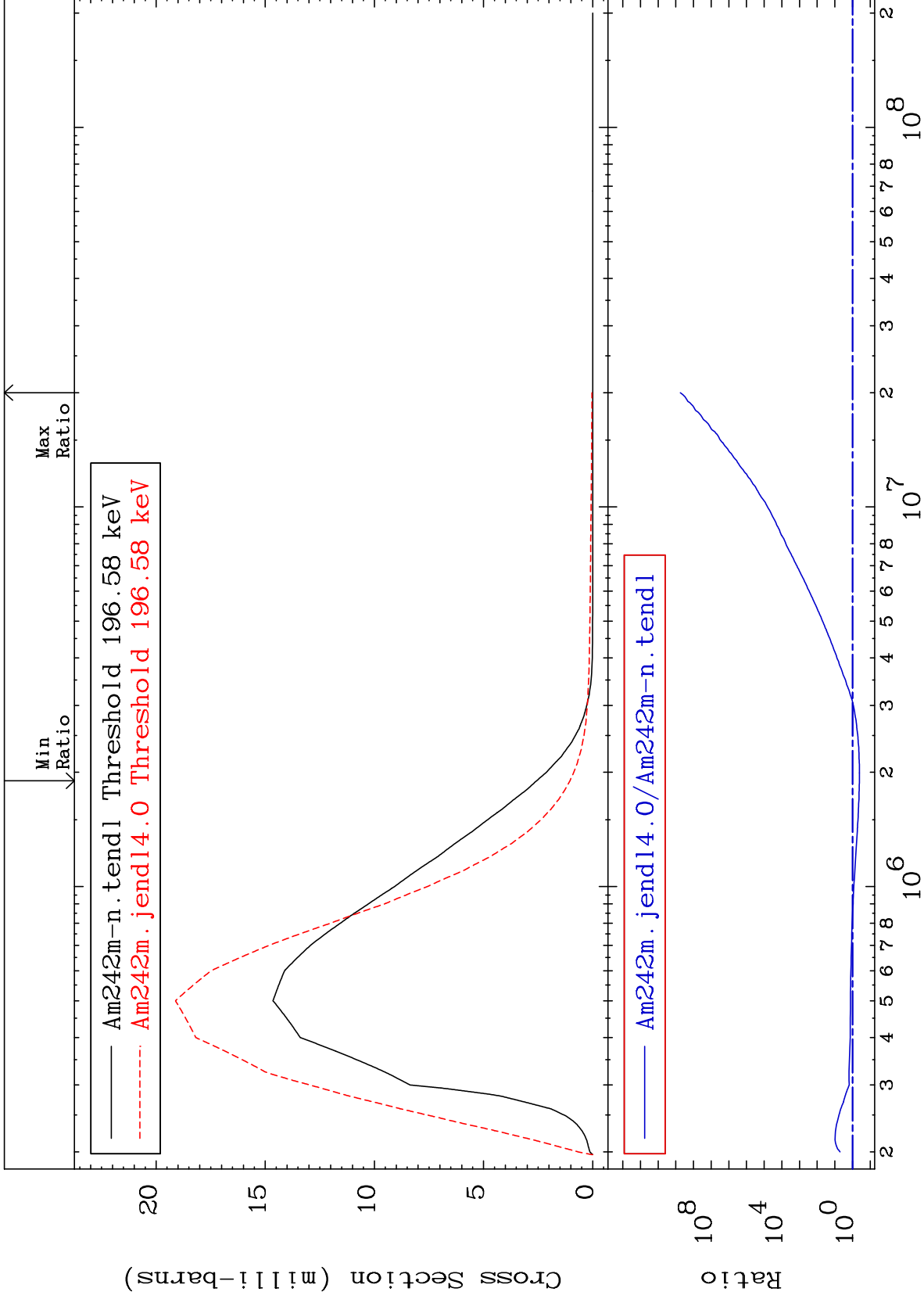
95-Am-242
-34.61 To 9999. %



MAT 9547

244.4 keV (n,n') Level
Cross Section

95-Am-242
-59.43 To 9999. %



24

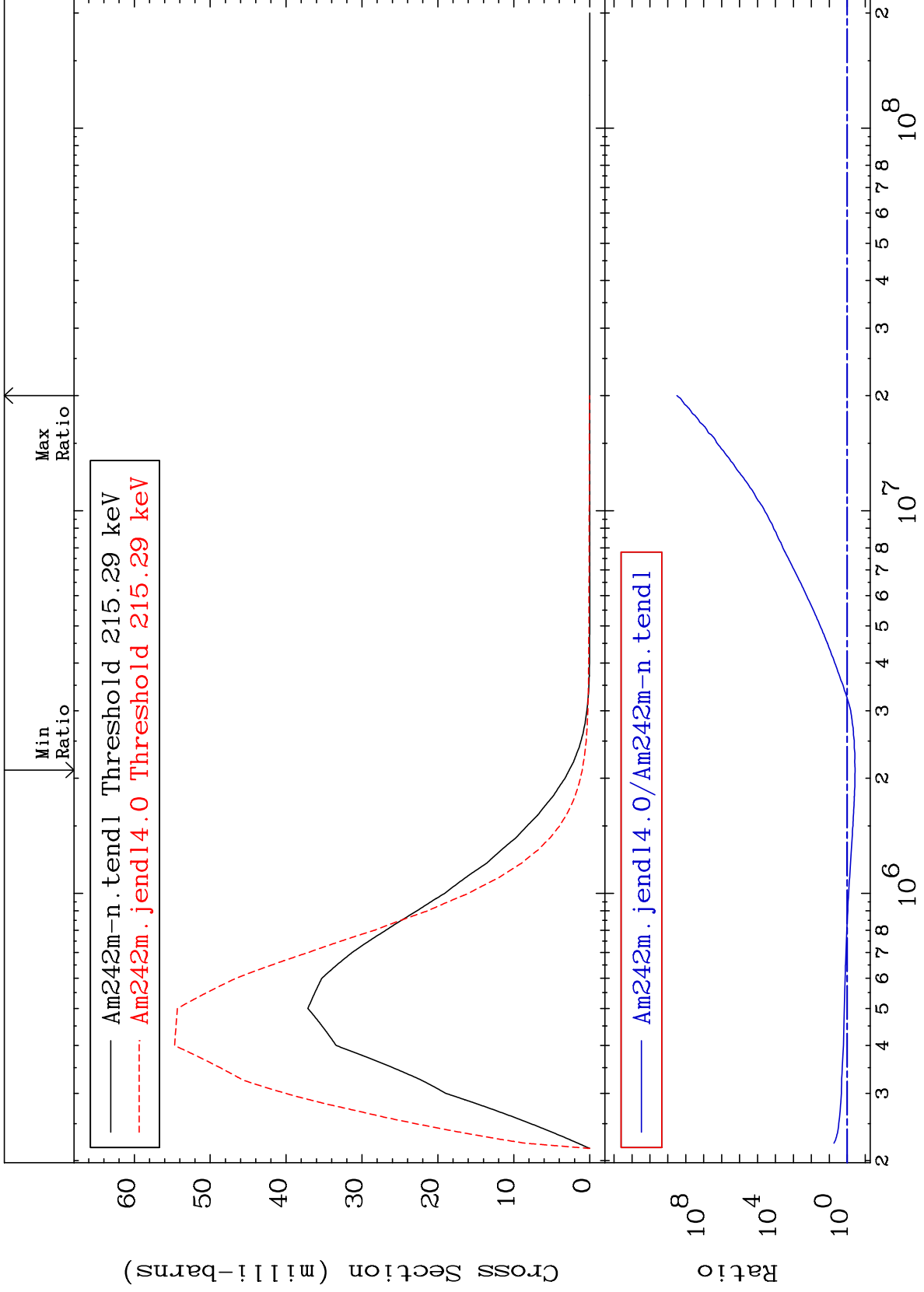
Incident Energy (eV)

95-Am-242

MAT 9547

263.0 keV (n,n') Level
Cross Section

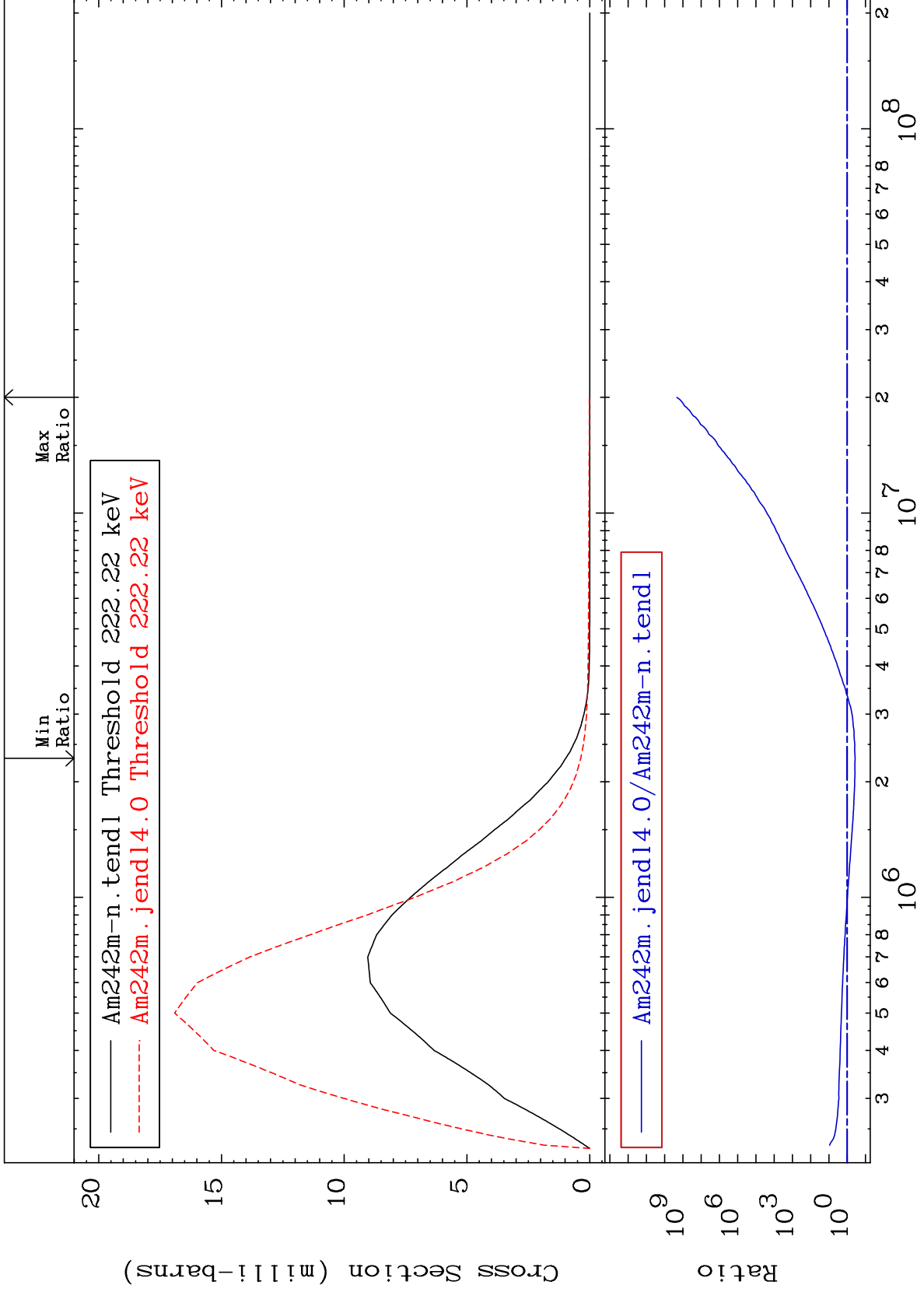
95-Am-242
-63.51 To 9999. %



MAT 9547

269.9 keV (n,n') Level
Cross Section

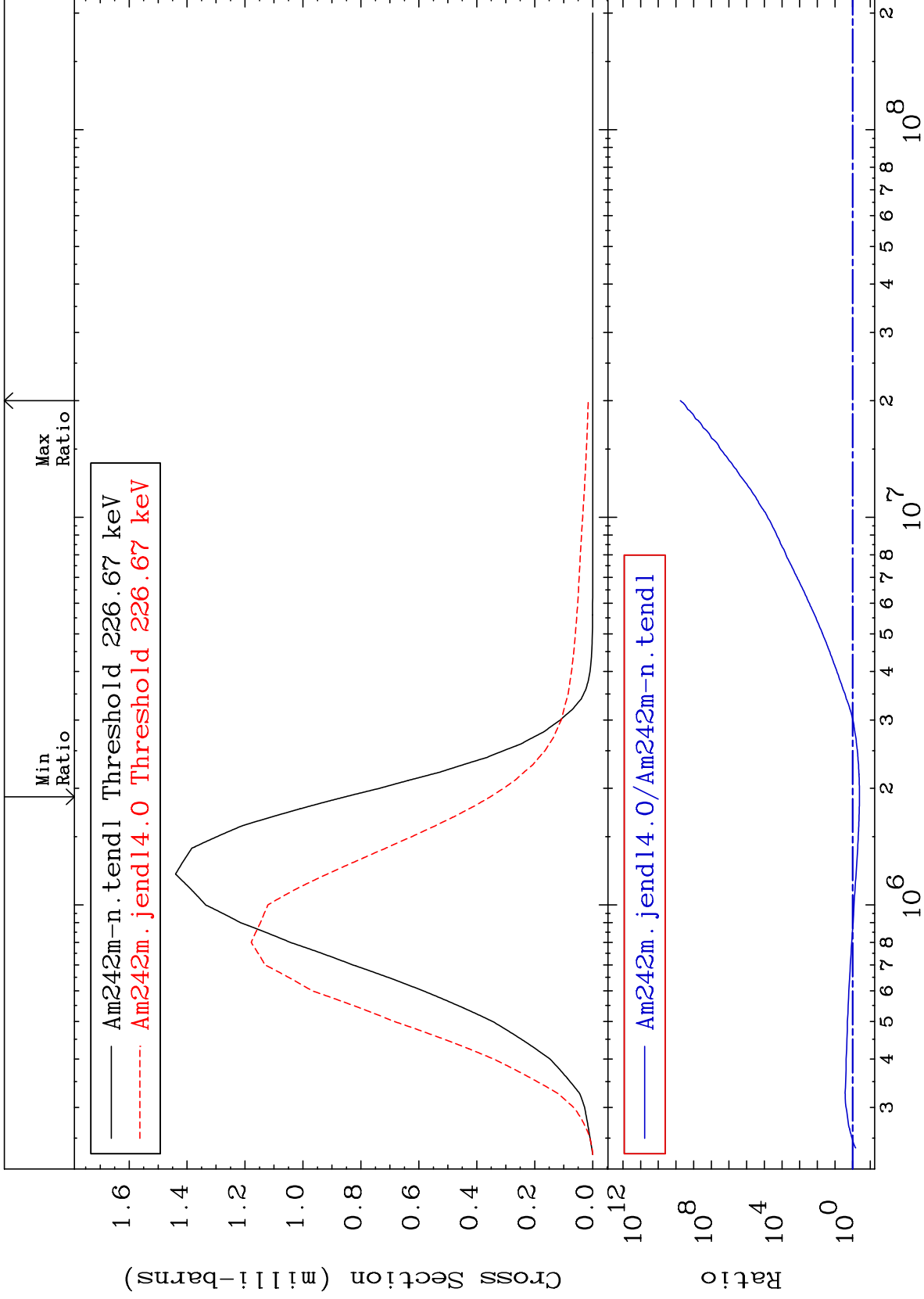
95-Am-242
-62.94 To 9999. %



MAT 9547

274.3 keV (n,n') Level
Cross Section

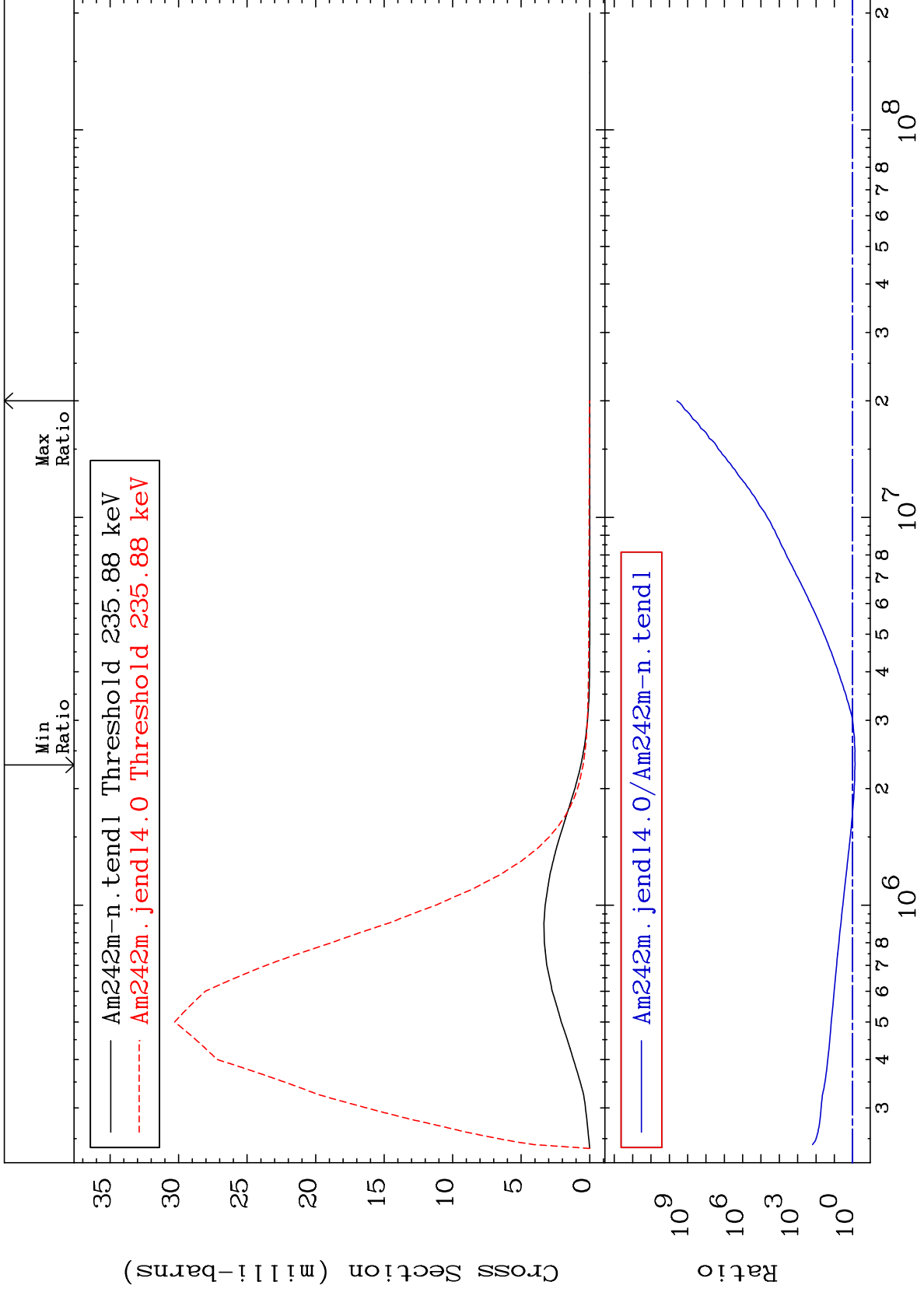
95-Am-242
-58.67 To 9999. %



MAT 9547

283.5 keV (n,n') Level
Cross Section

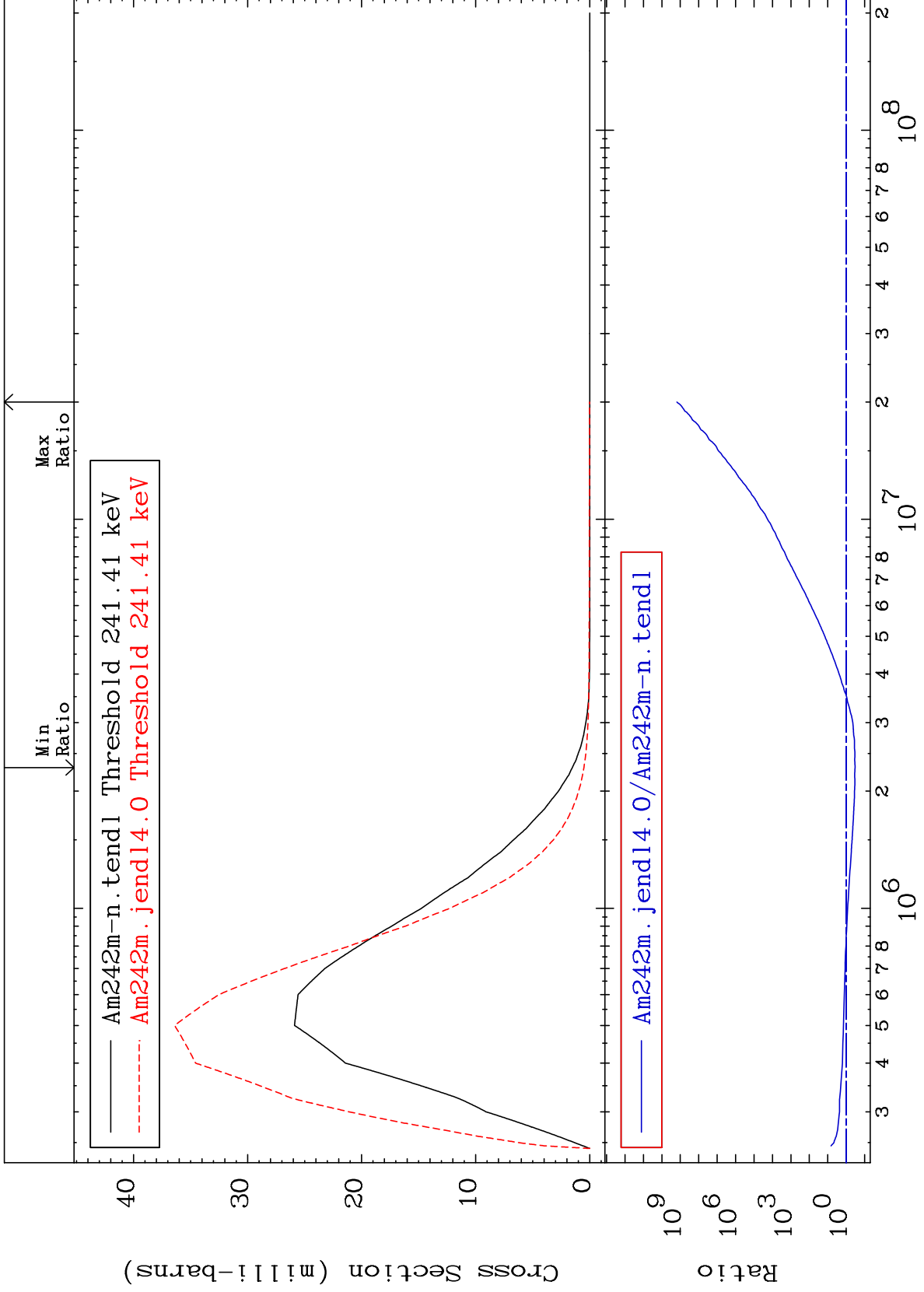
95-Am-242
-26.24 To 9999. %



MAT 9547

289.0 keV (n,n') Level
Cross Section

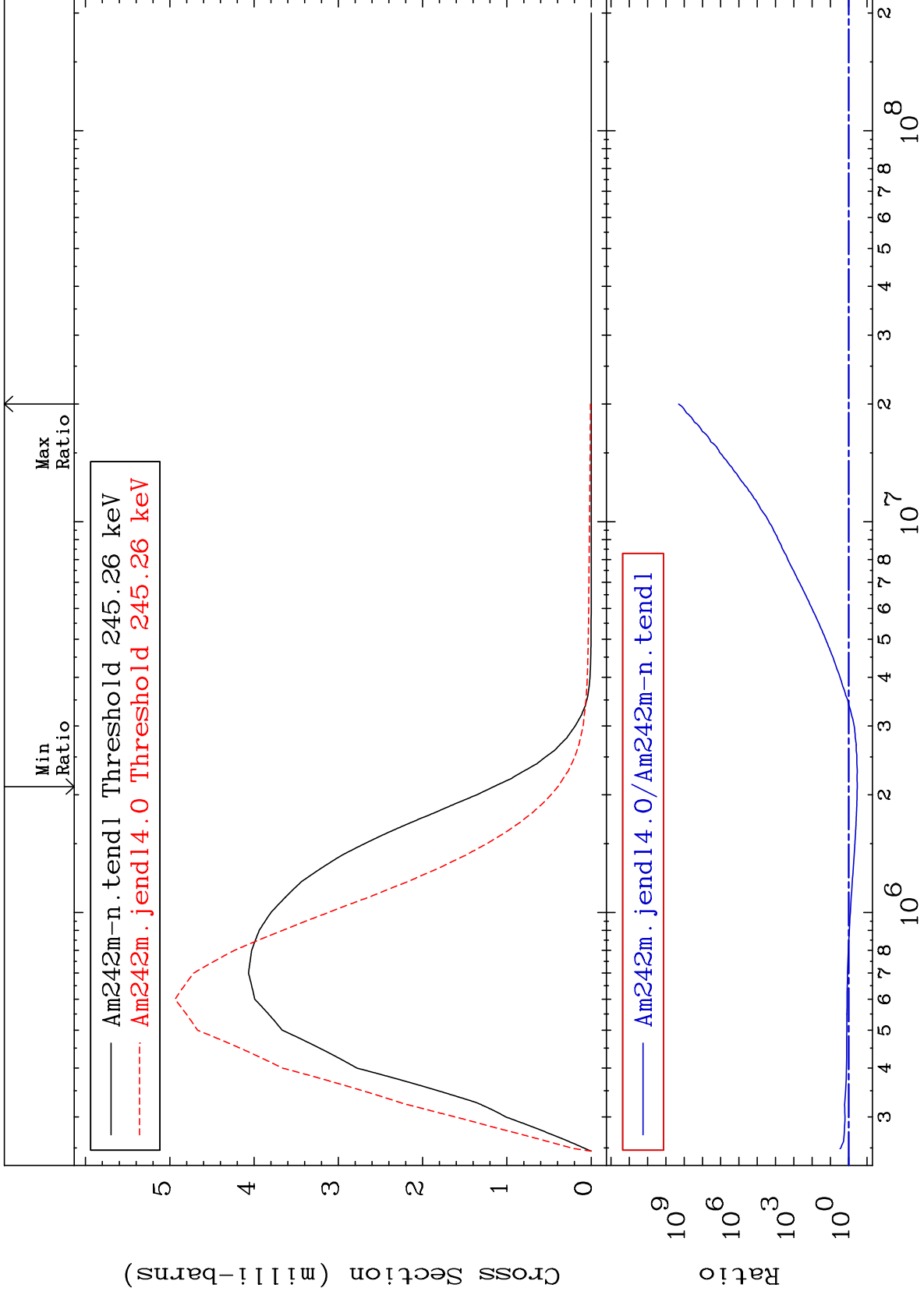
95-Am-242
-67.08 To 9999. %



MAT 9547

292.8 keV (n,n') Level
Cross Section

95-Am-242
-65.83 To 9999. %



30

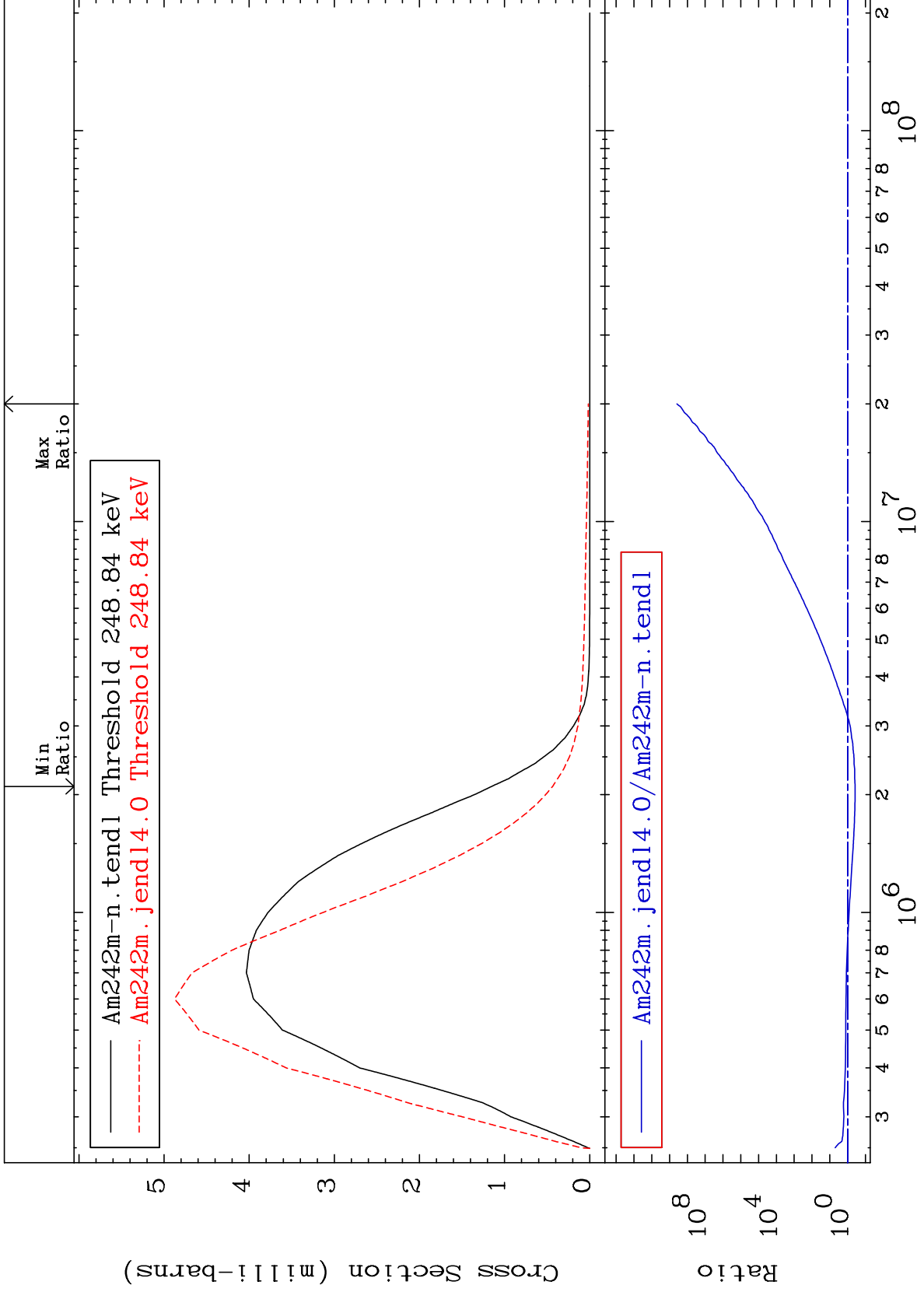
Incident Energy (eV)

95-Am-242

MAT 9547

296.4 keV (n,n') Level
Cross Section

95-Am-242
-62.15 To 9999. %



31

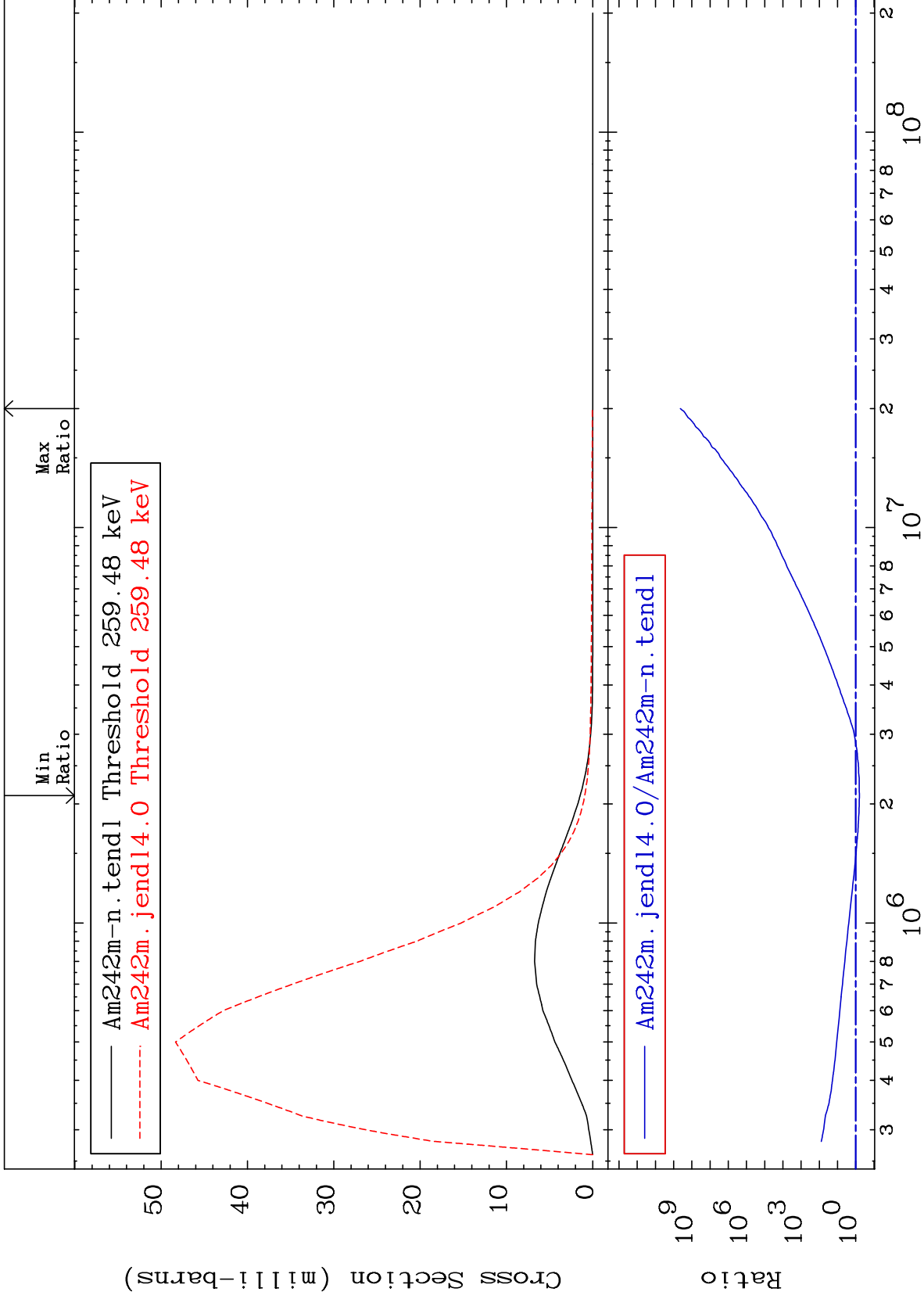
Incident Energy (eV)

95-Am-242

MAT 9547

307.0 keV (n,n') Level
Cross Section

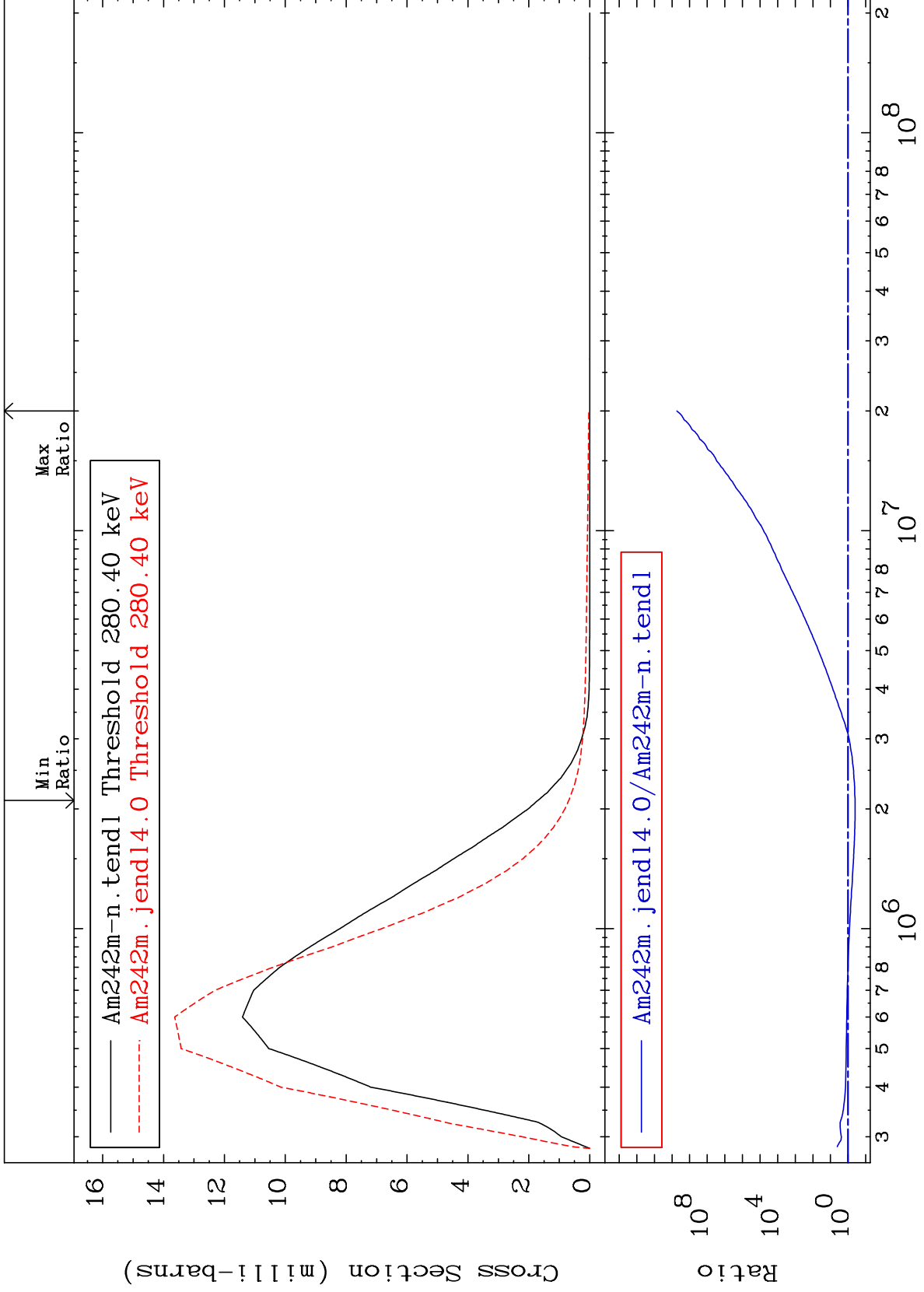
95-Am-242
-37.15 To 9999. %



MAT 9547

327.8 keV (n,n') Level
Cross Section

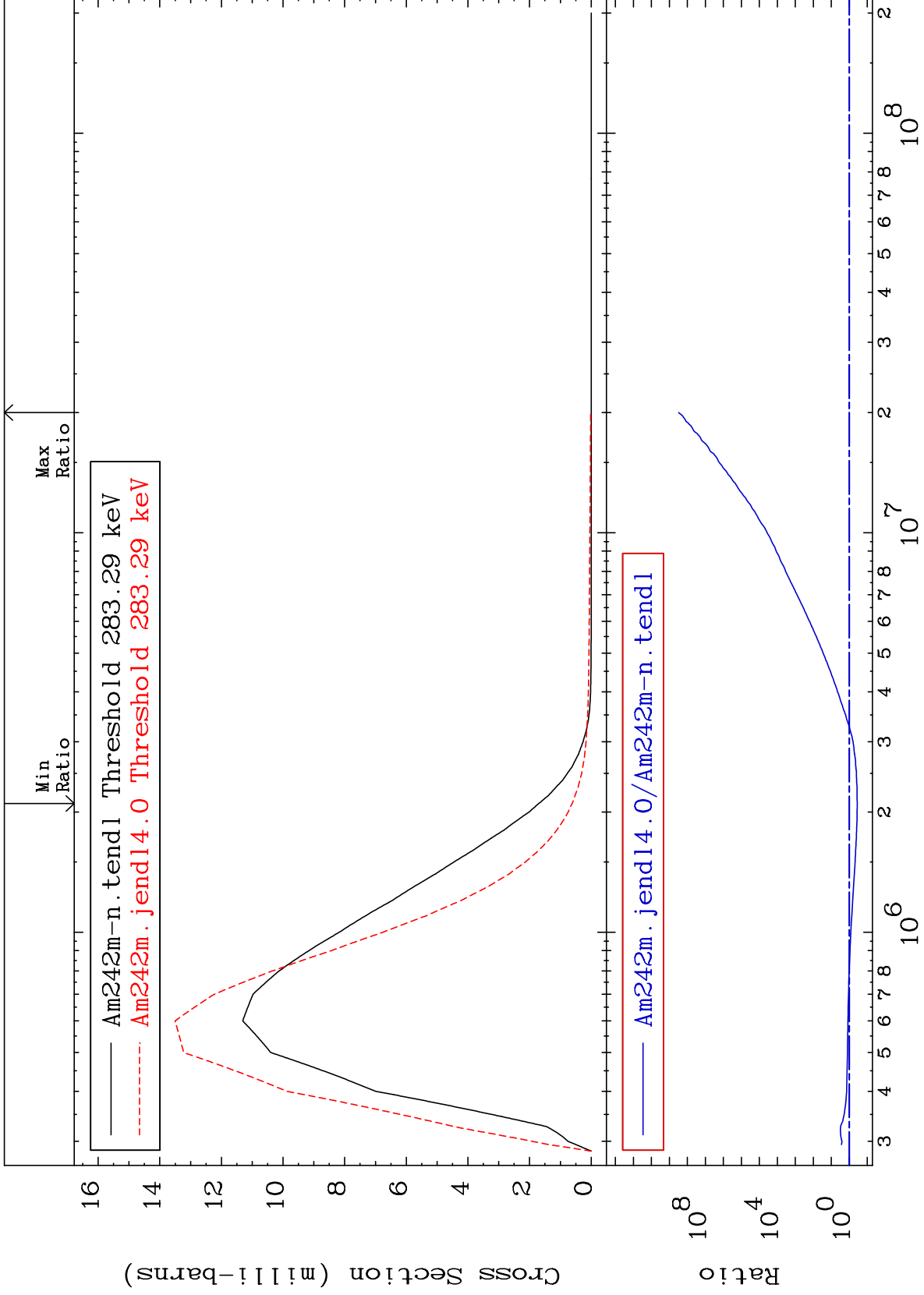
95-Am-242
-59.86 To 9999. %



MAT 9547

330.7 keV (n,n') Level
Cross Section

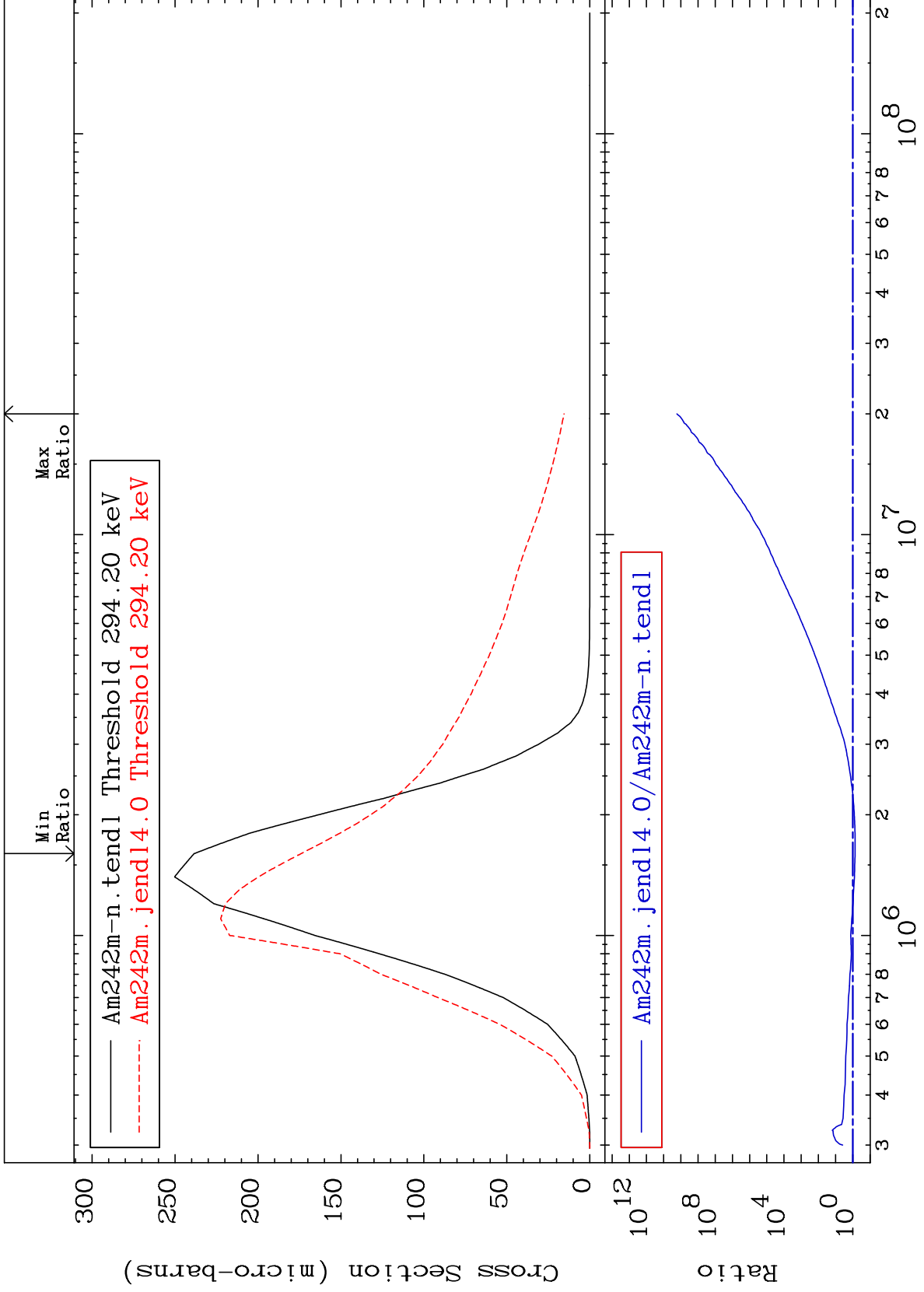
95-Am-242
-63.77 To 9999. %



MAT 9547

341.6 keV (n,n') Level
Cross Section

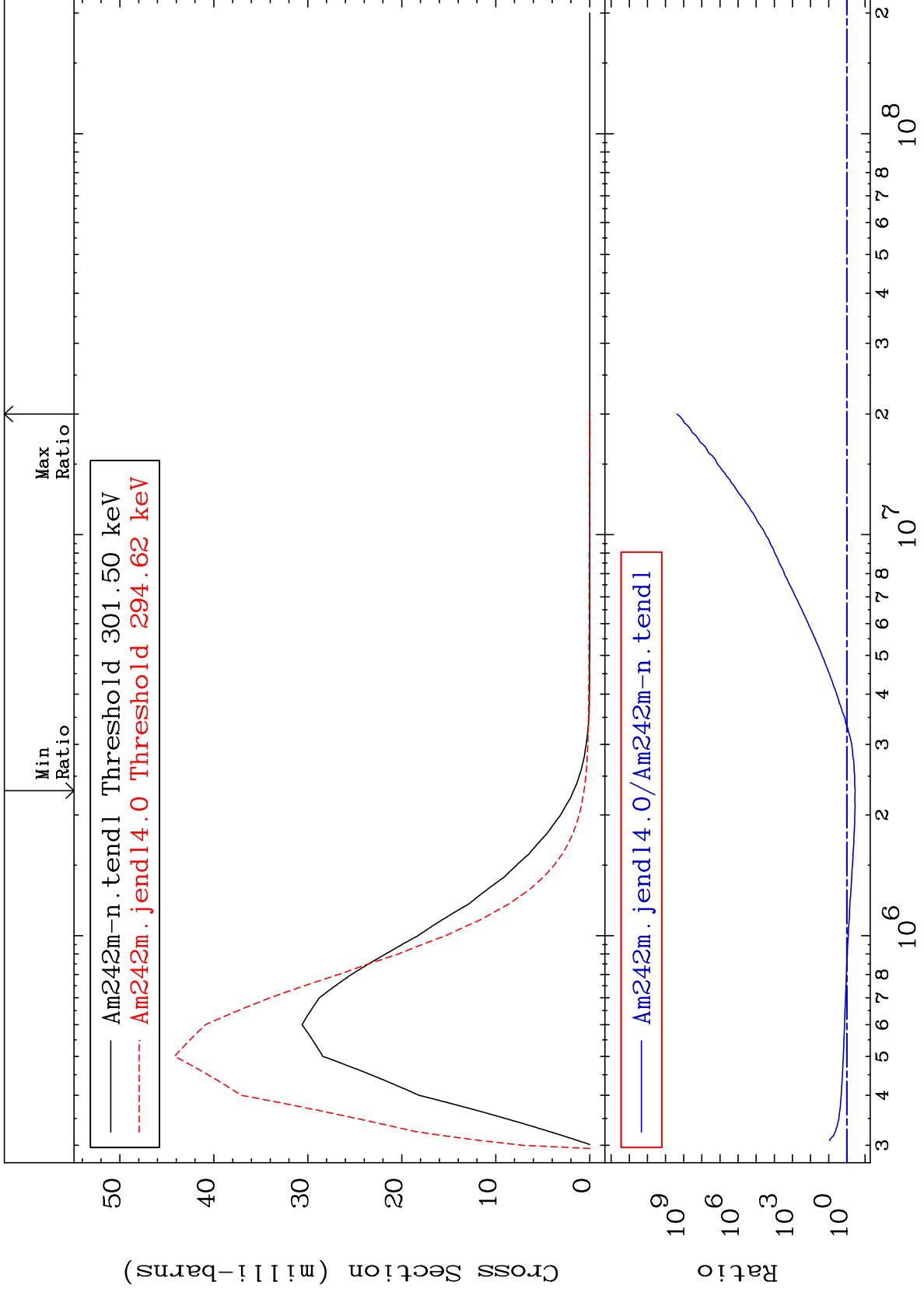
95-Am-242
-27.07 To 9999. %



MAT 9547

348.8 keV (n,n') Level
Cross Section

95-Am-242
-65.01 To 9999. %



36

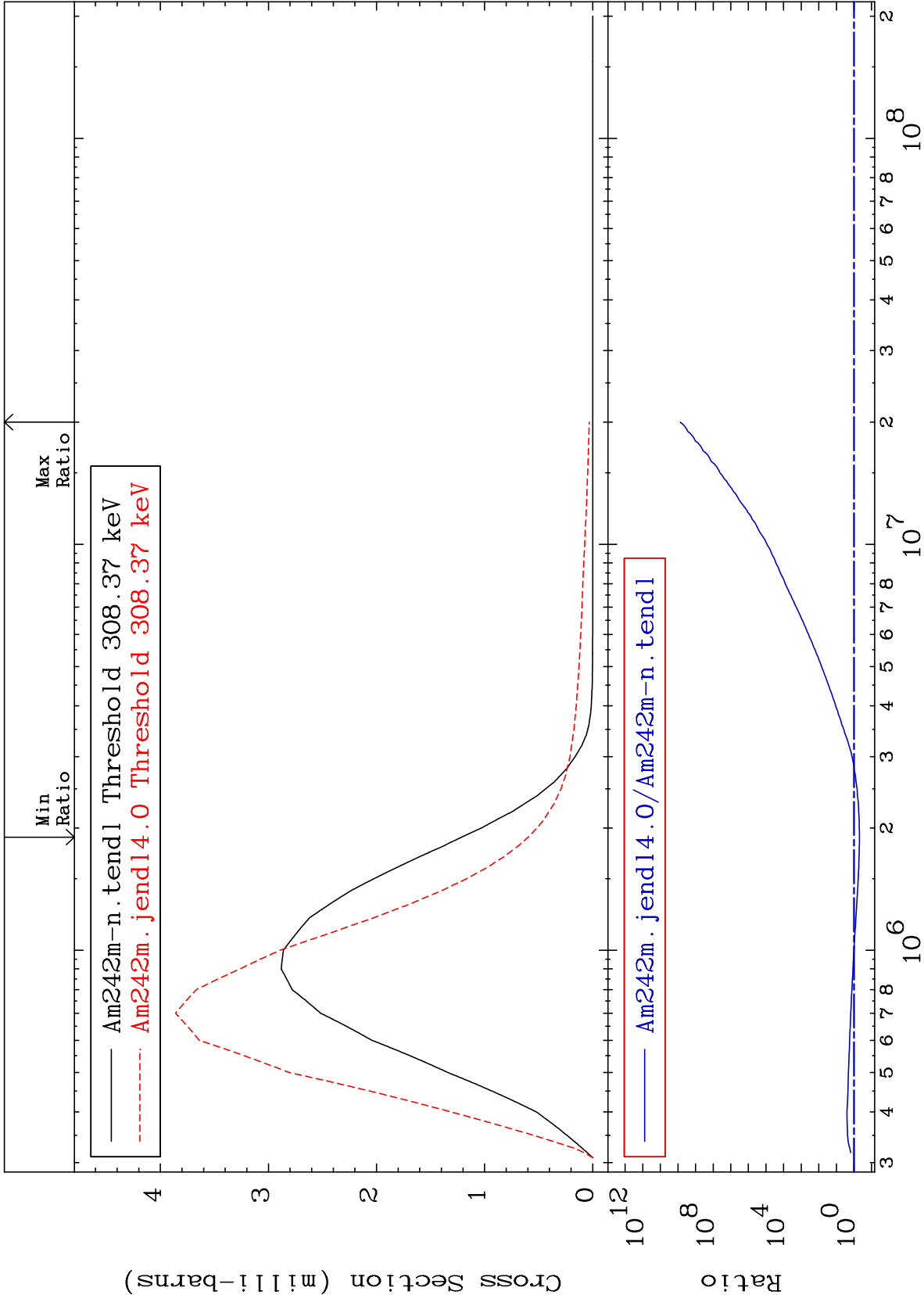
Incident Energy (eV)

95-Am-242

MAT 9547

355.7 keV (n,n') Level
Cross Section

95-Am-242
-50.84 To 9999. %



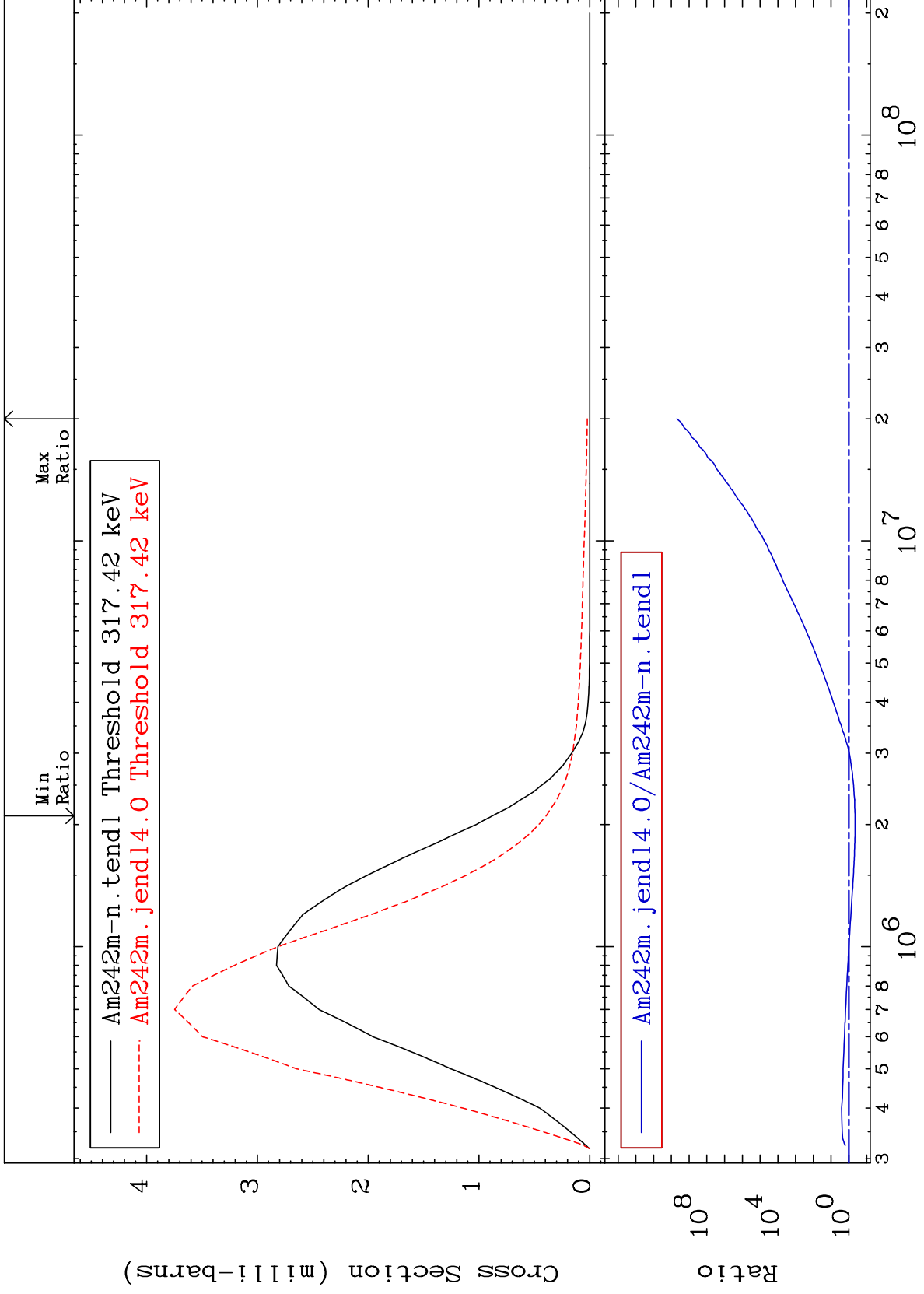
37

95-Am-242

MAT 9547

364.7 keV (n,n') Level
Cross Section

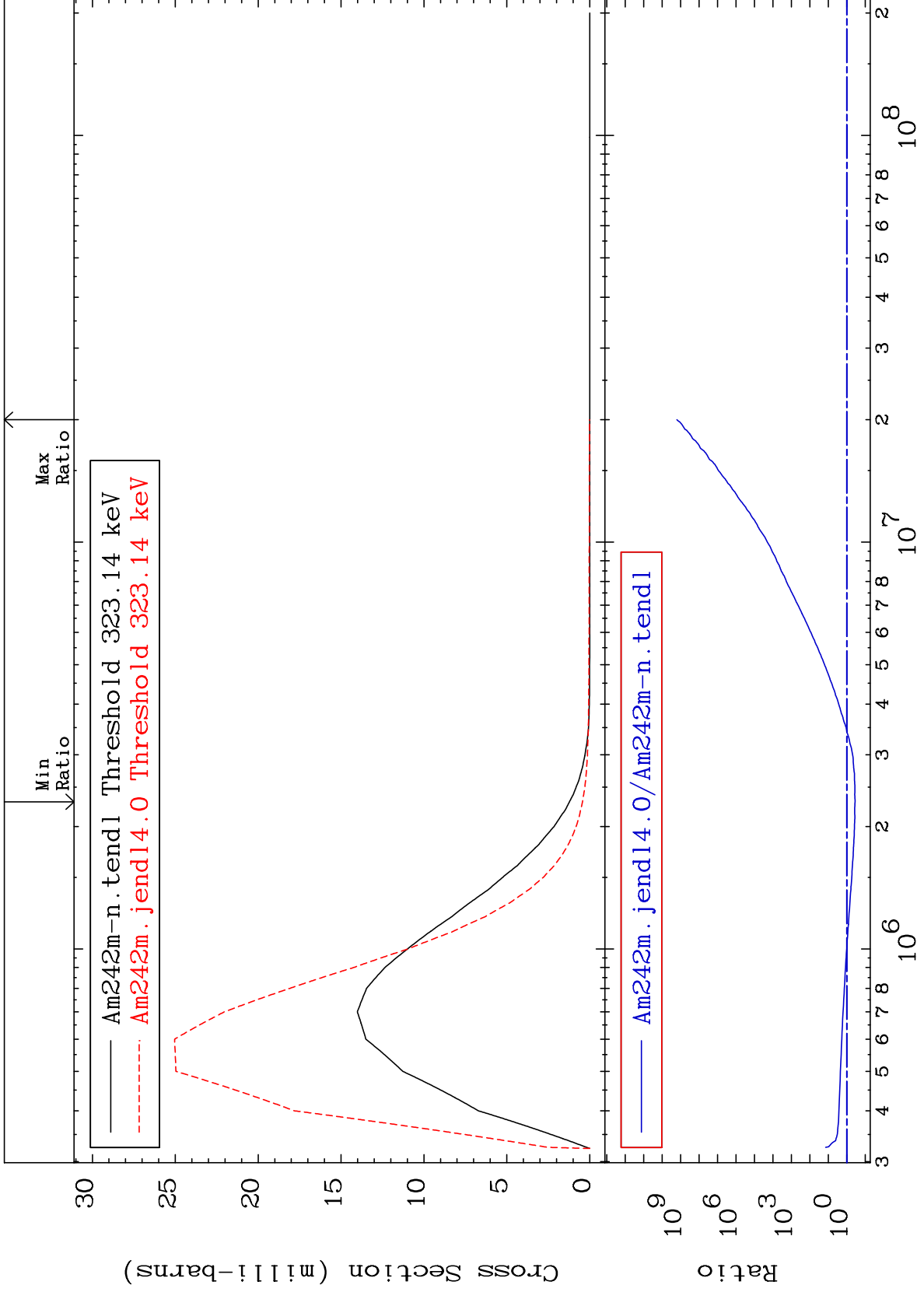
95-Am-242
-55.35 To 9999. %



MAT 9547

370.4 keV (n,n') Level
Cross Section

95-Am-242
-64.82 To 9999. %



39

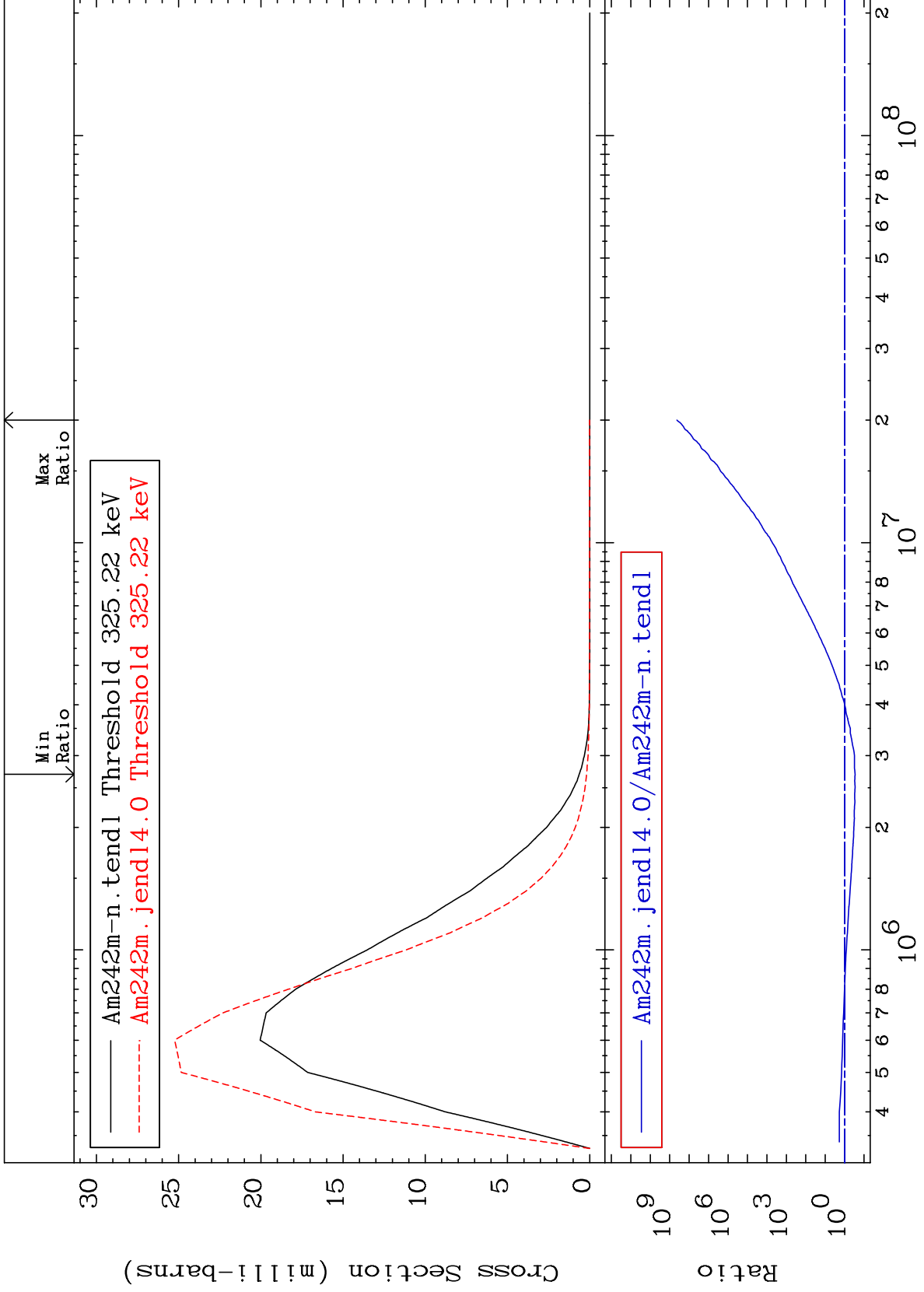
Incident Energy (eV)

95-Am-242

MAT 9547

372.5 keV (n,n') Level
Cross Section

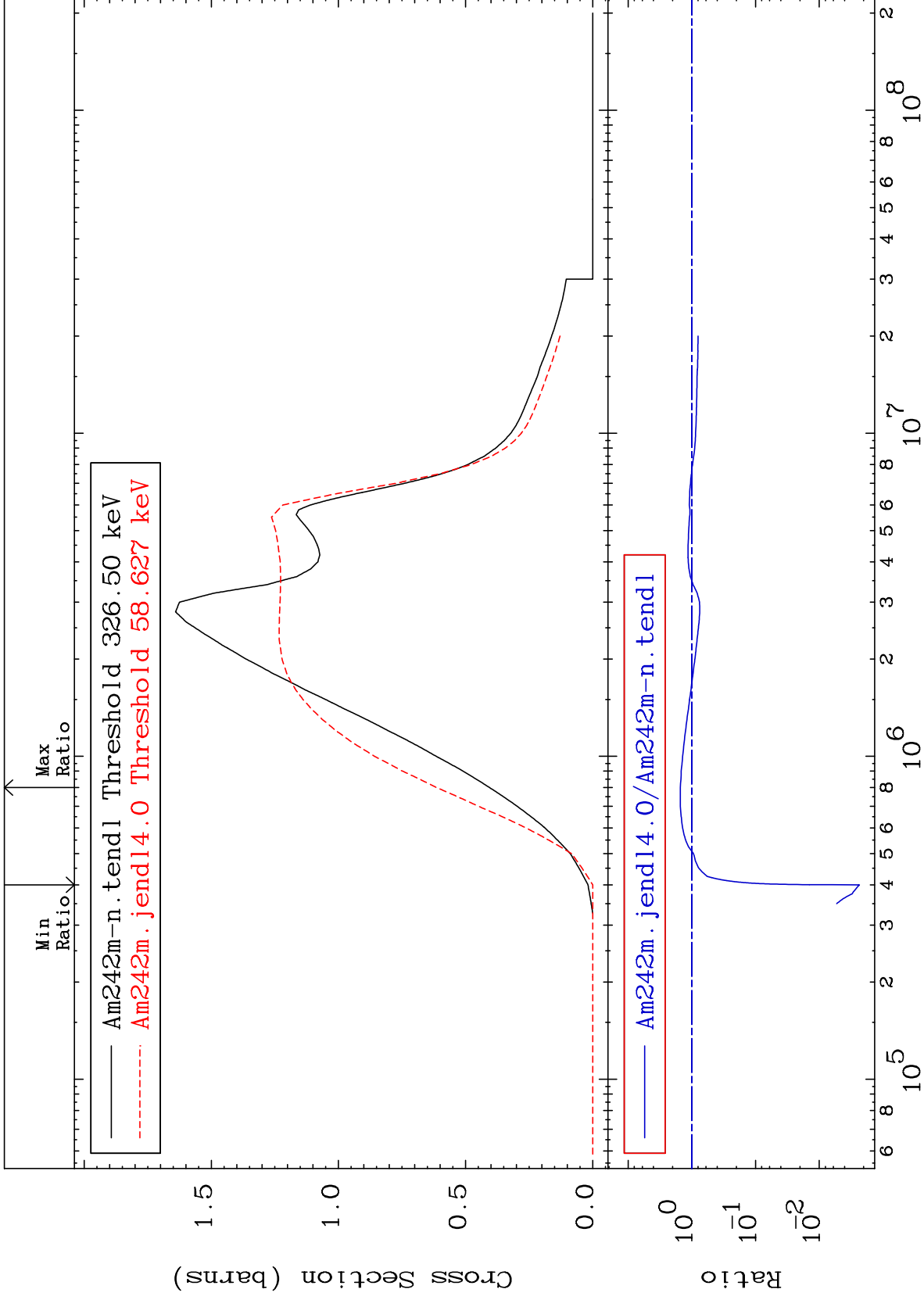
95-Am-242
-70.90 To 9999. %



40

Incident Energy (eV)

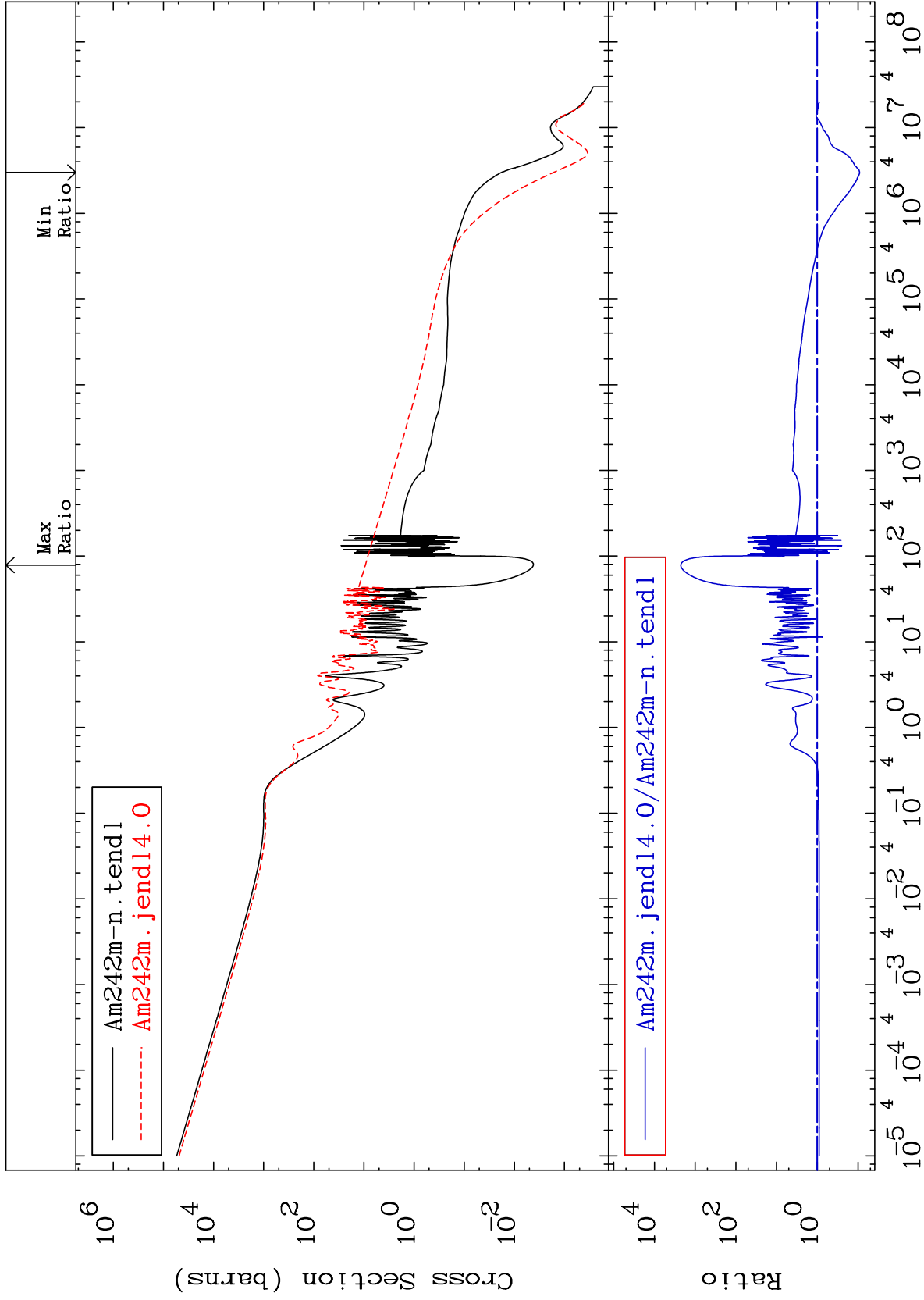
95-Am-242



MAT 9547

95-Am-242

(n, γ)
Cross Section
-90.83 To 9999. %



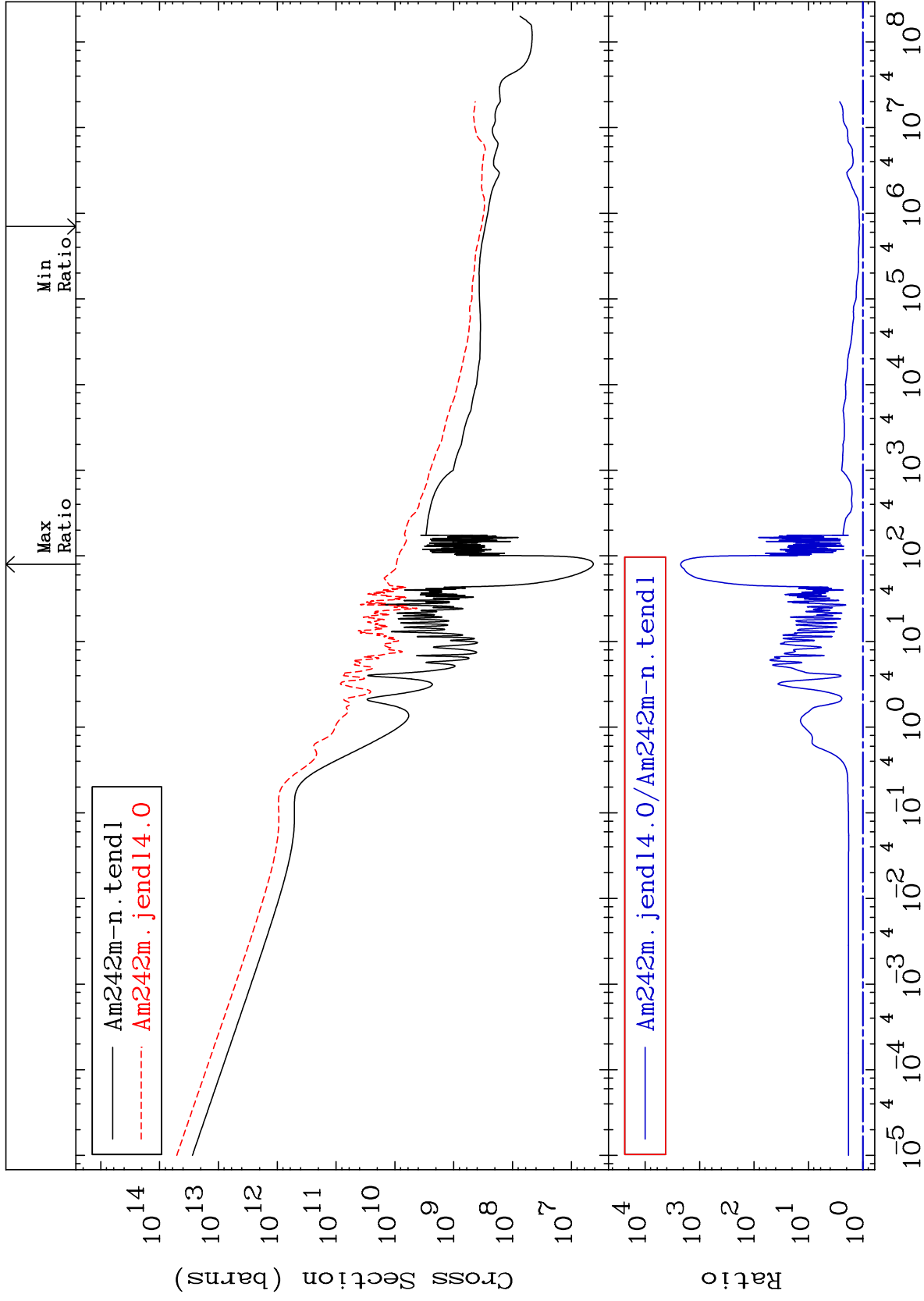
MAT 9547

Kerma total (eV-barns)

95-Am-242

Cross Section

15.41 To 9999. %



Incident Energy (eV)

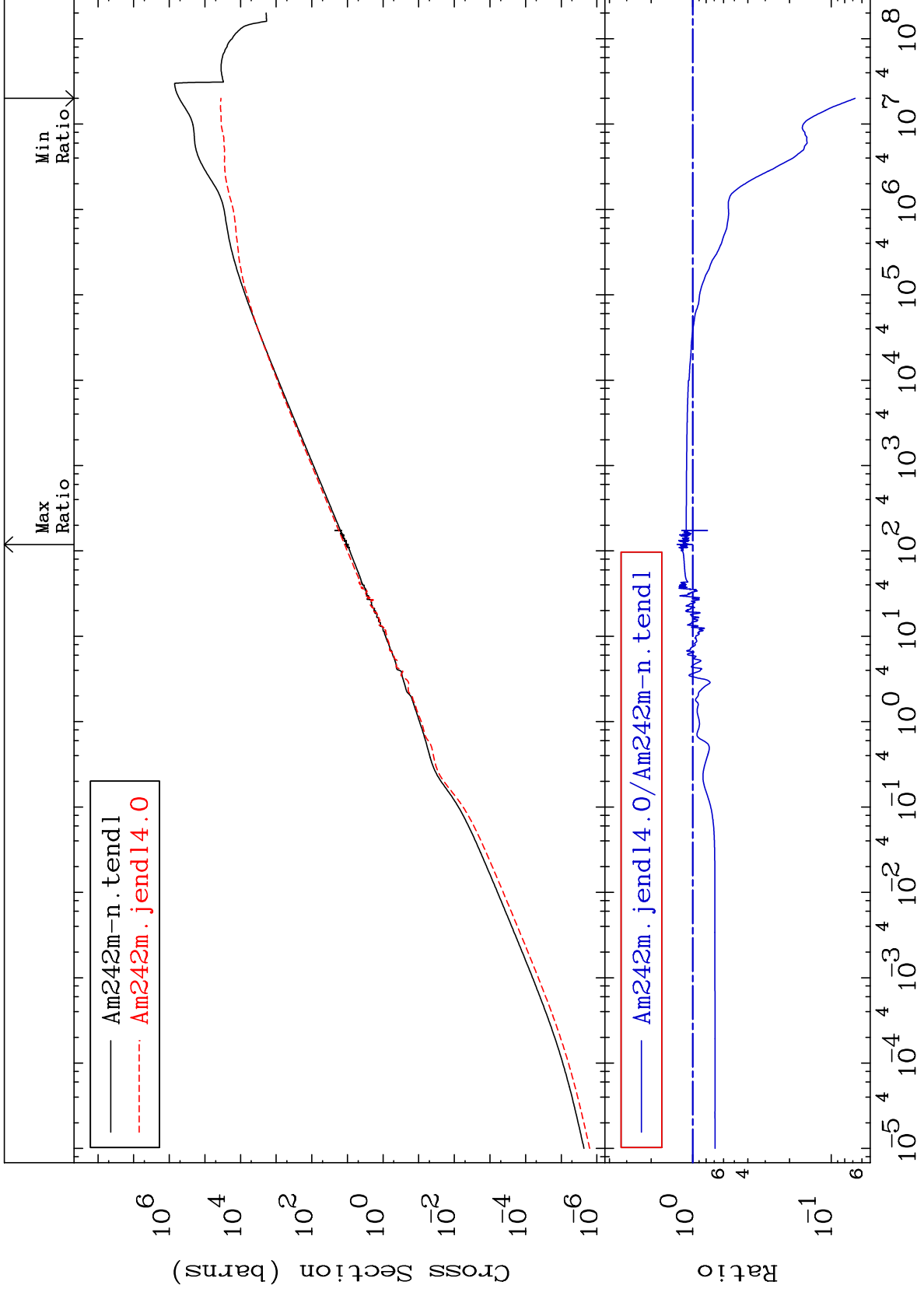
95-Am-242

43

MAT 9547

Kerma elastic
Cross Section

95-Am-242
-93.27 To 30.09 %



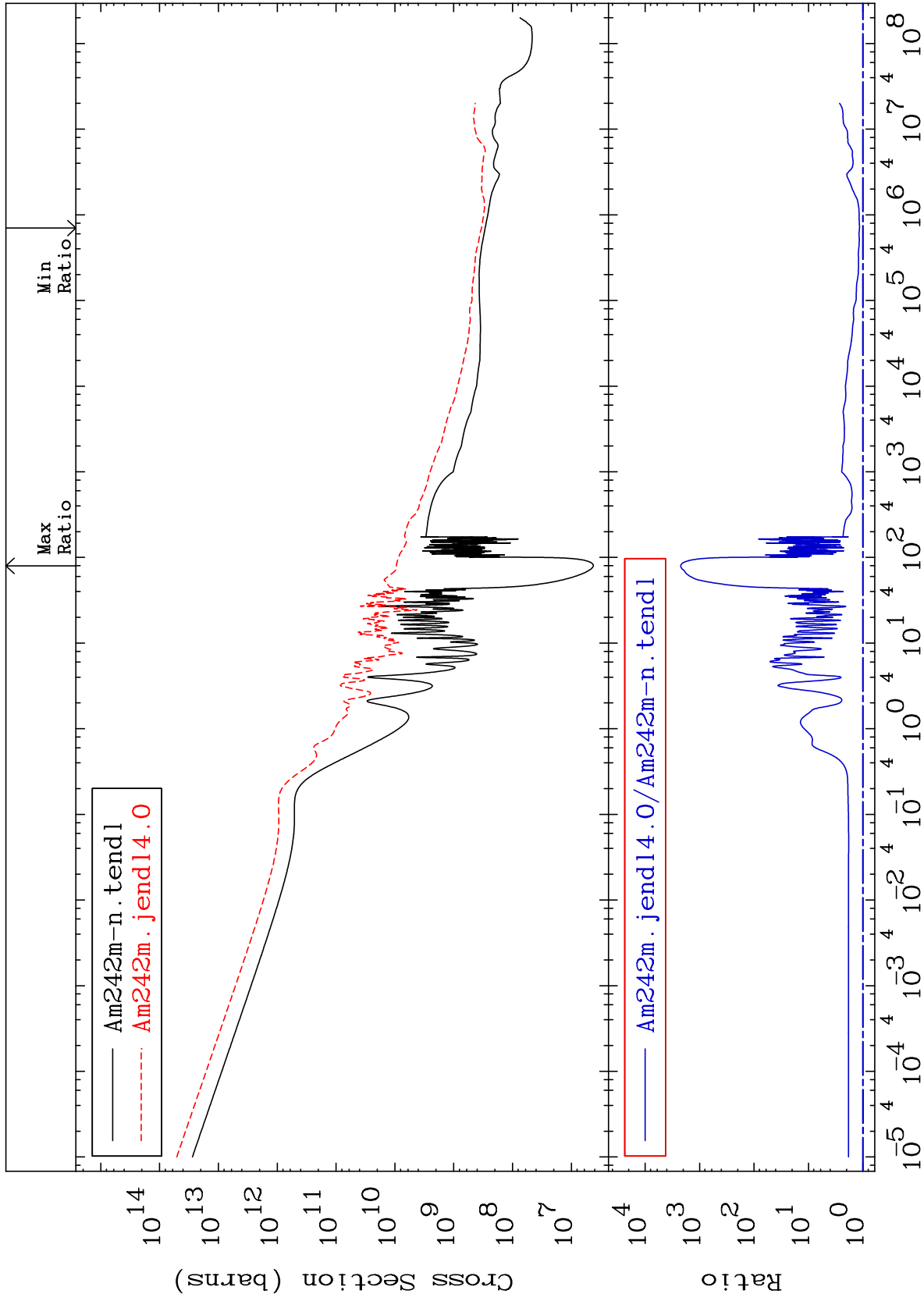
MAT 9547

Kerma non-elastic (all but mt2)

95-Am-242

Cross Section

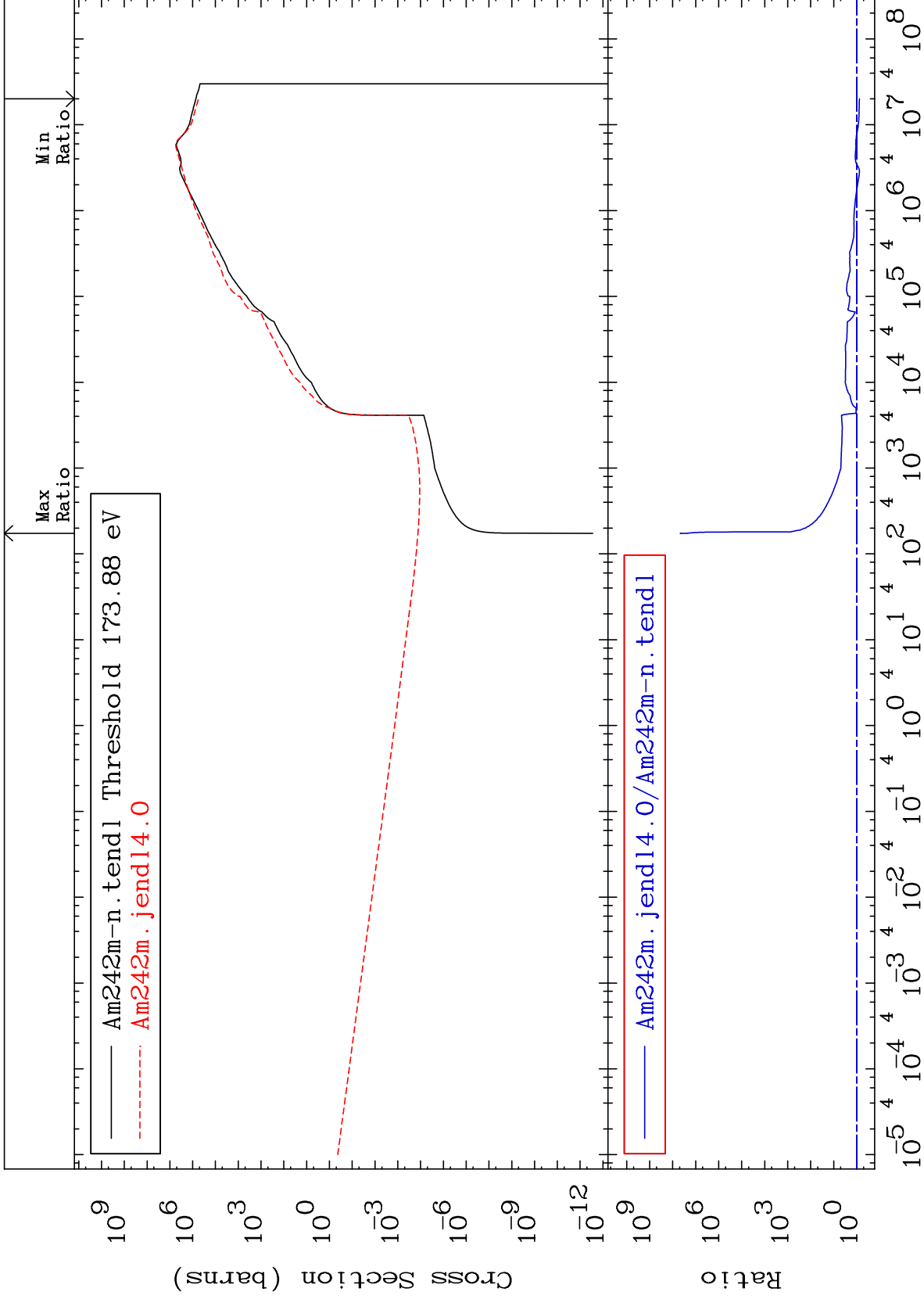
15.42 To 9999. %



45

Incident Energy (eV)

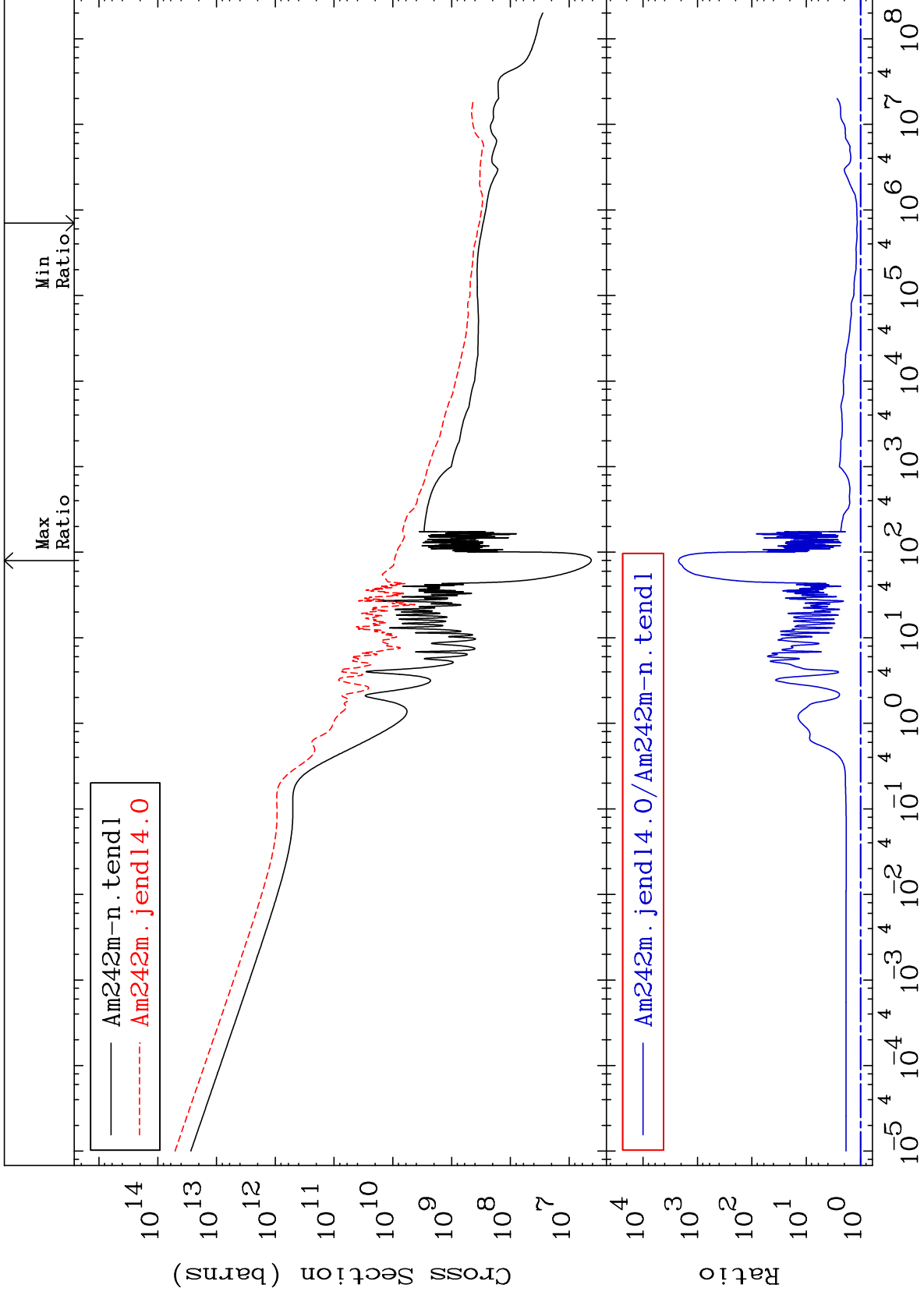
95-Am-242

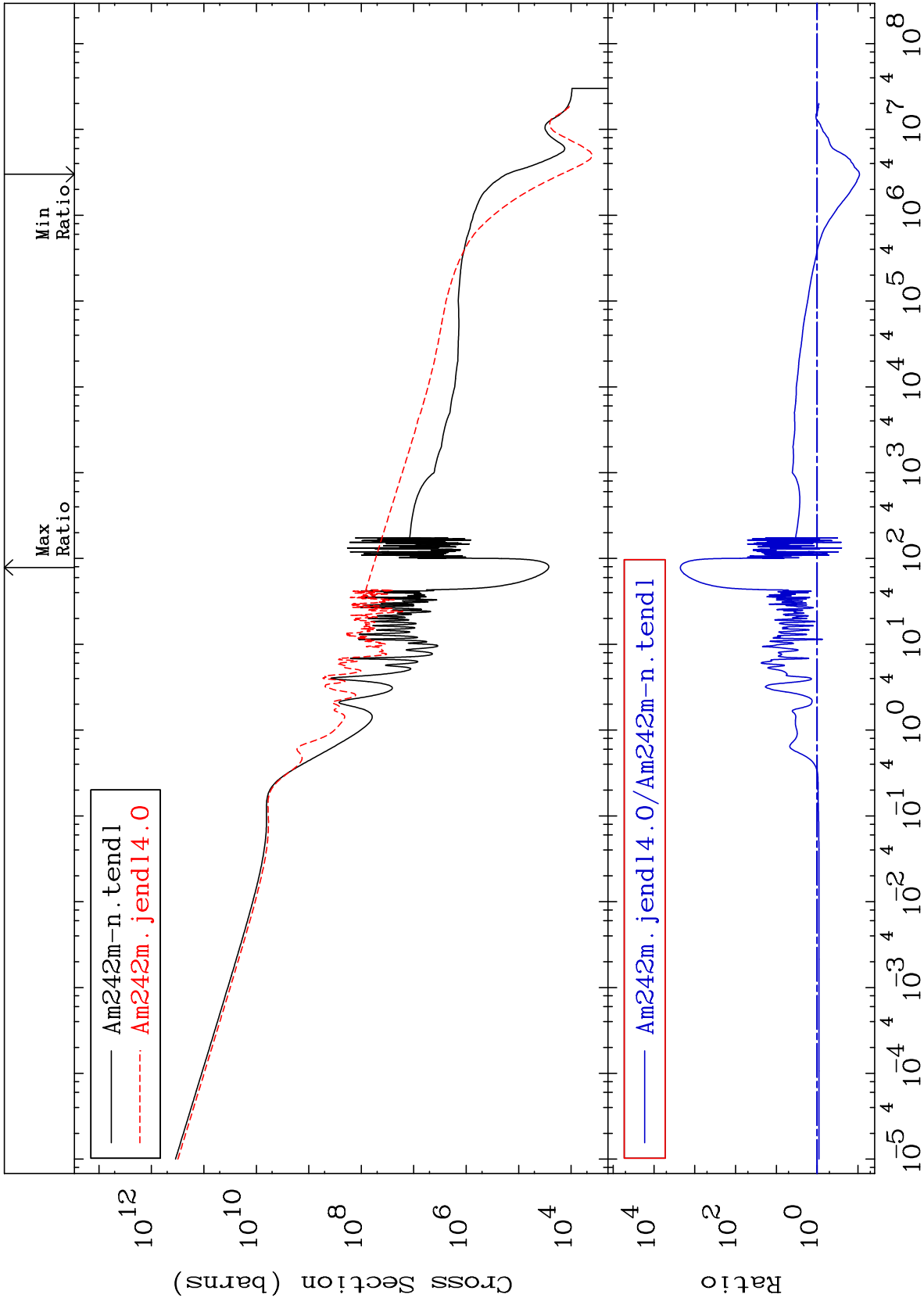


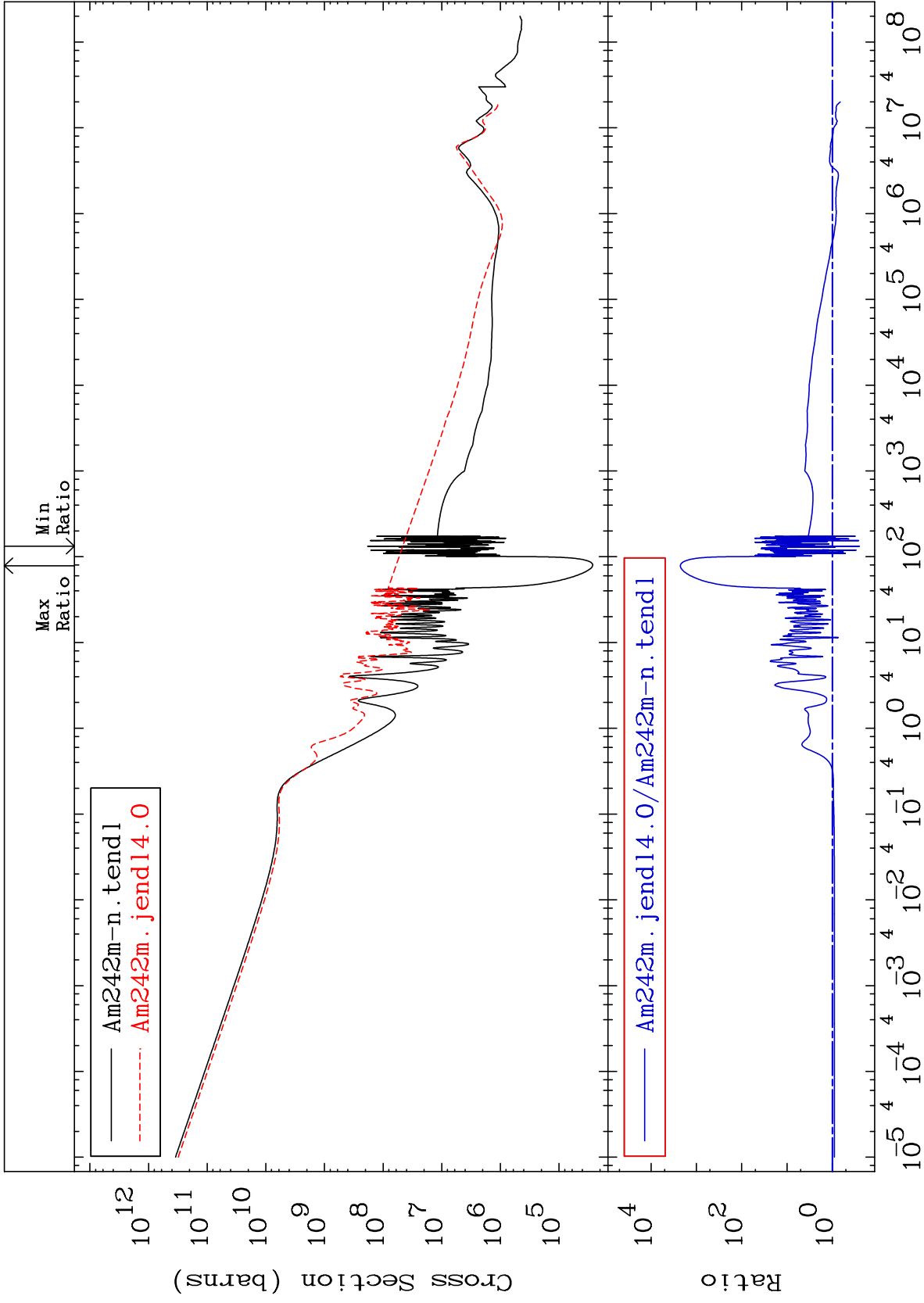
MAT 9547

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

95-Am-242
15.54 To 9999. %







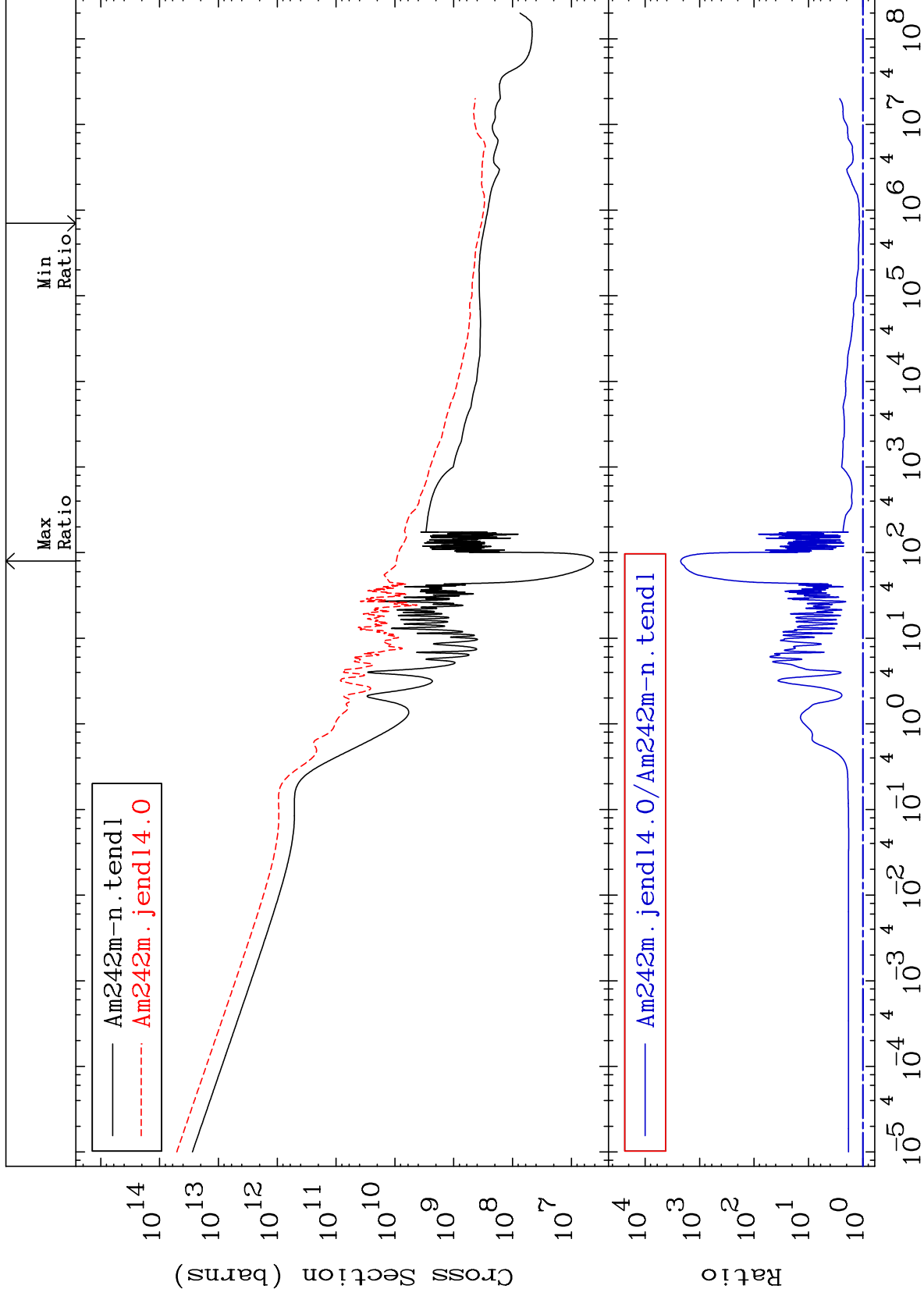
MAT 9547

Total kinematic kerma (high limit)

95-Am-242

Cross Section

15.43 To 9999. %



50

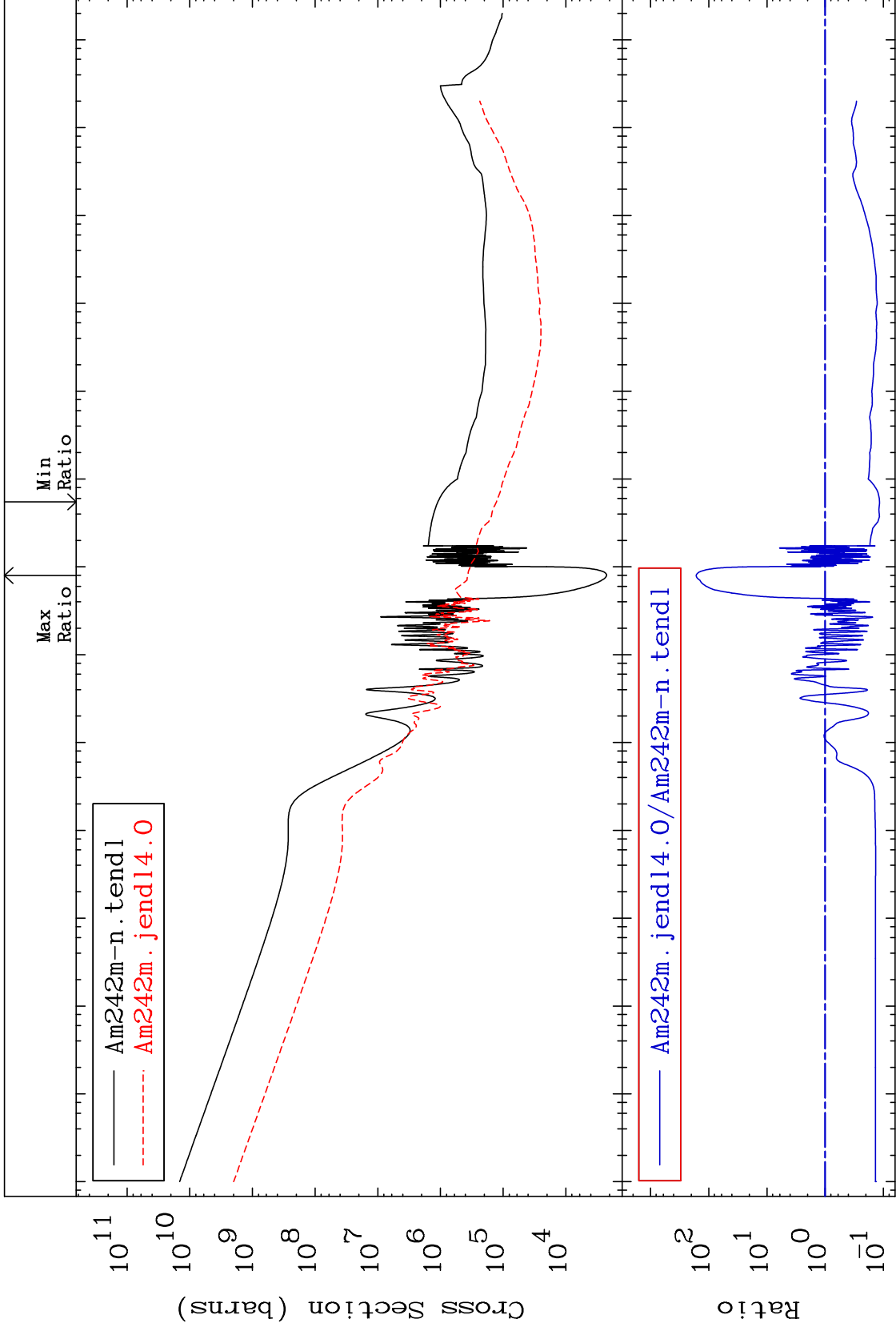
Incident Energy (eV)

95-Am-242

MAT 9547

Dpa total (eV-barns)
Cross Section

95-Am-242
-88.34 To 9999. %



51

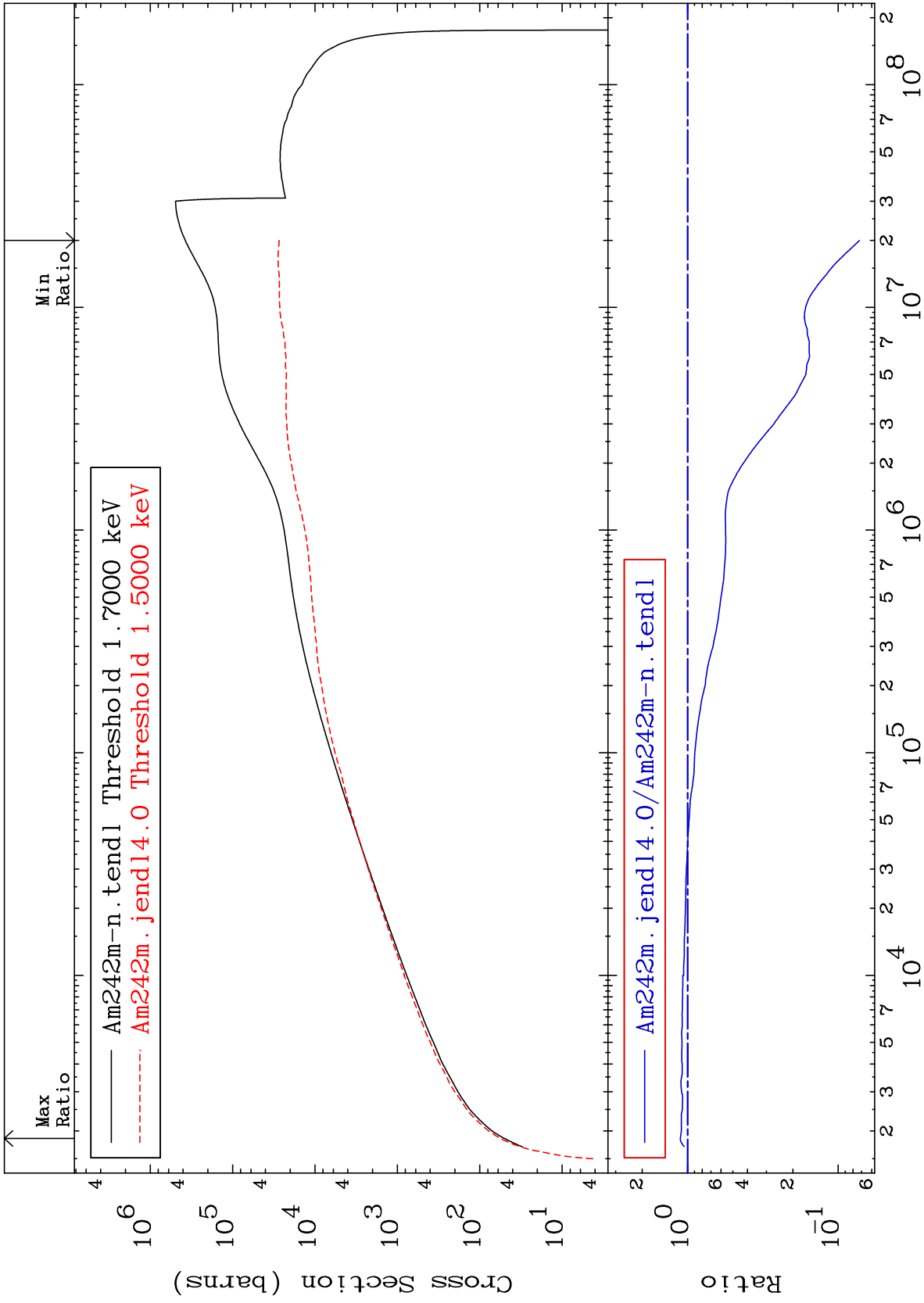
Incident Energy (eV)

95-Am-242

MAT 9547

Dpa elastic (mt2)
Cross Section

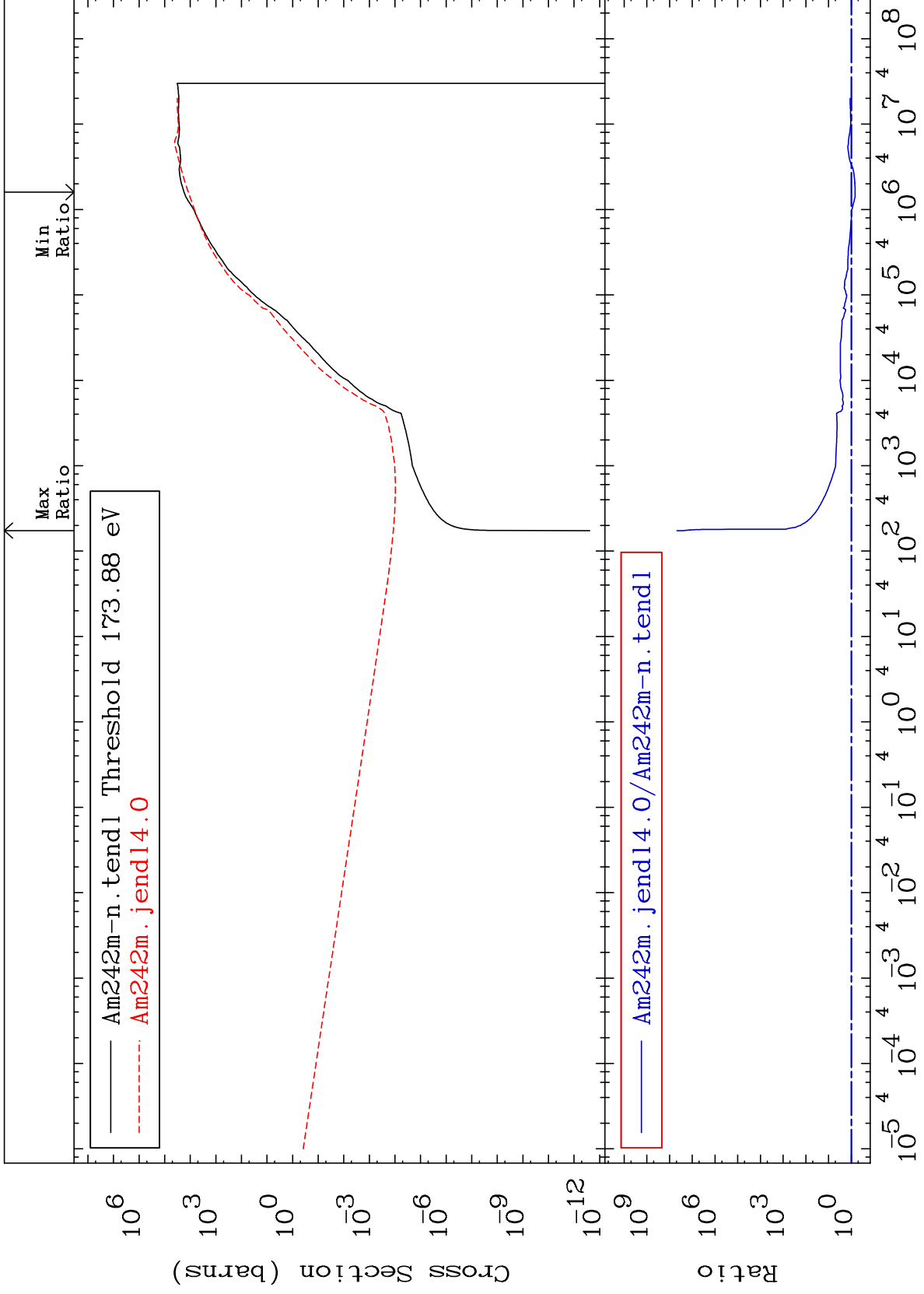
95-Am-242
-92.76 To 11.58 %



MAT 9547

Dpa inelastic (mt51-91)
Cross Section

95-Am-242
-31.50 To 9999. %



MAT 9547

Dpa disappearance (mt102 -120)
Cross Section

95-Am-242
-100.0 To 856.5 %

