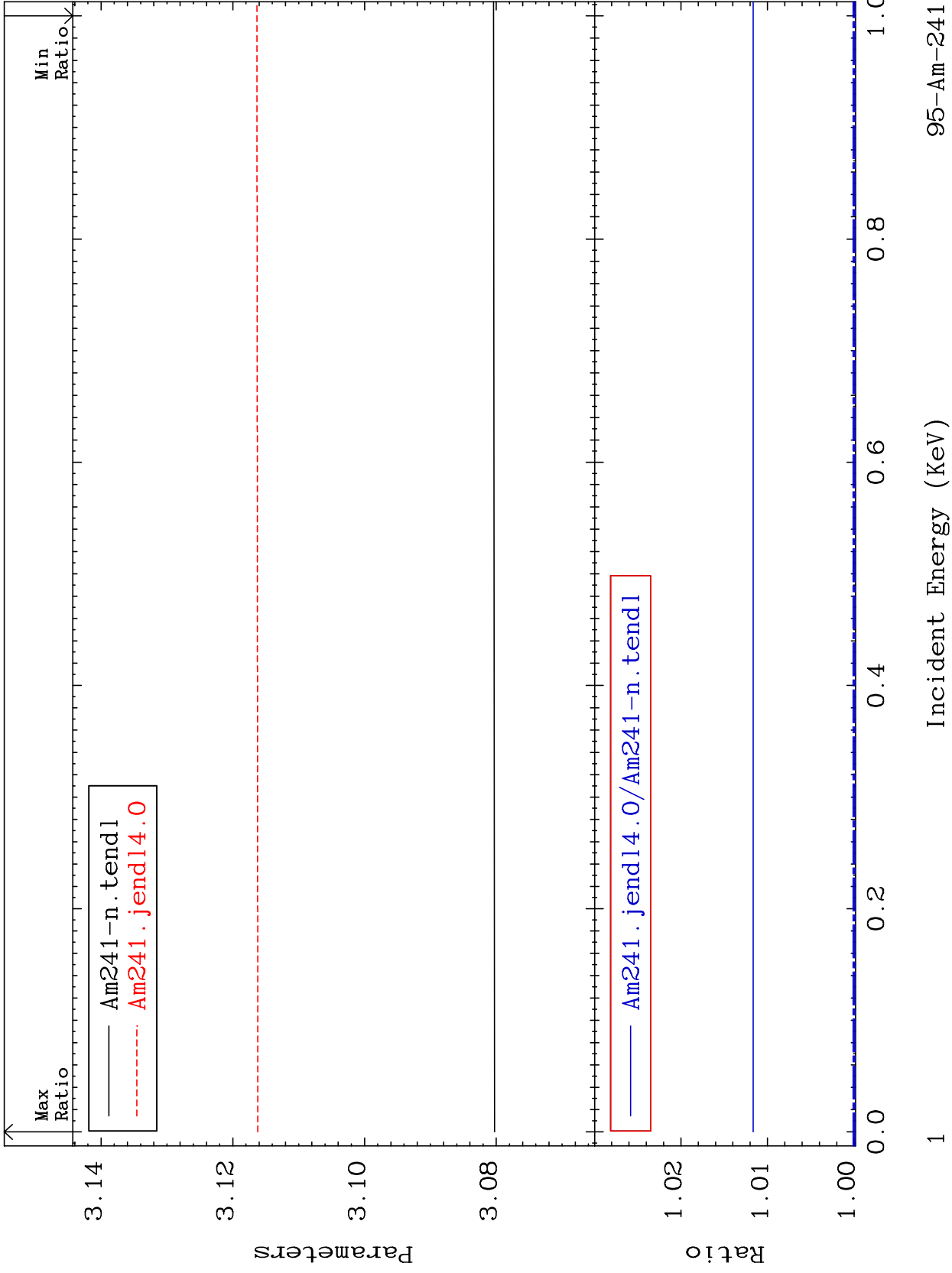


MAT 9543

Total $\bar{\nu}$
Parameters

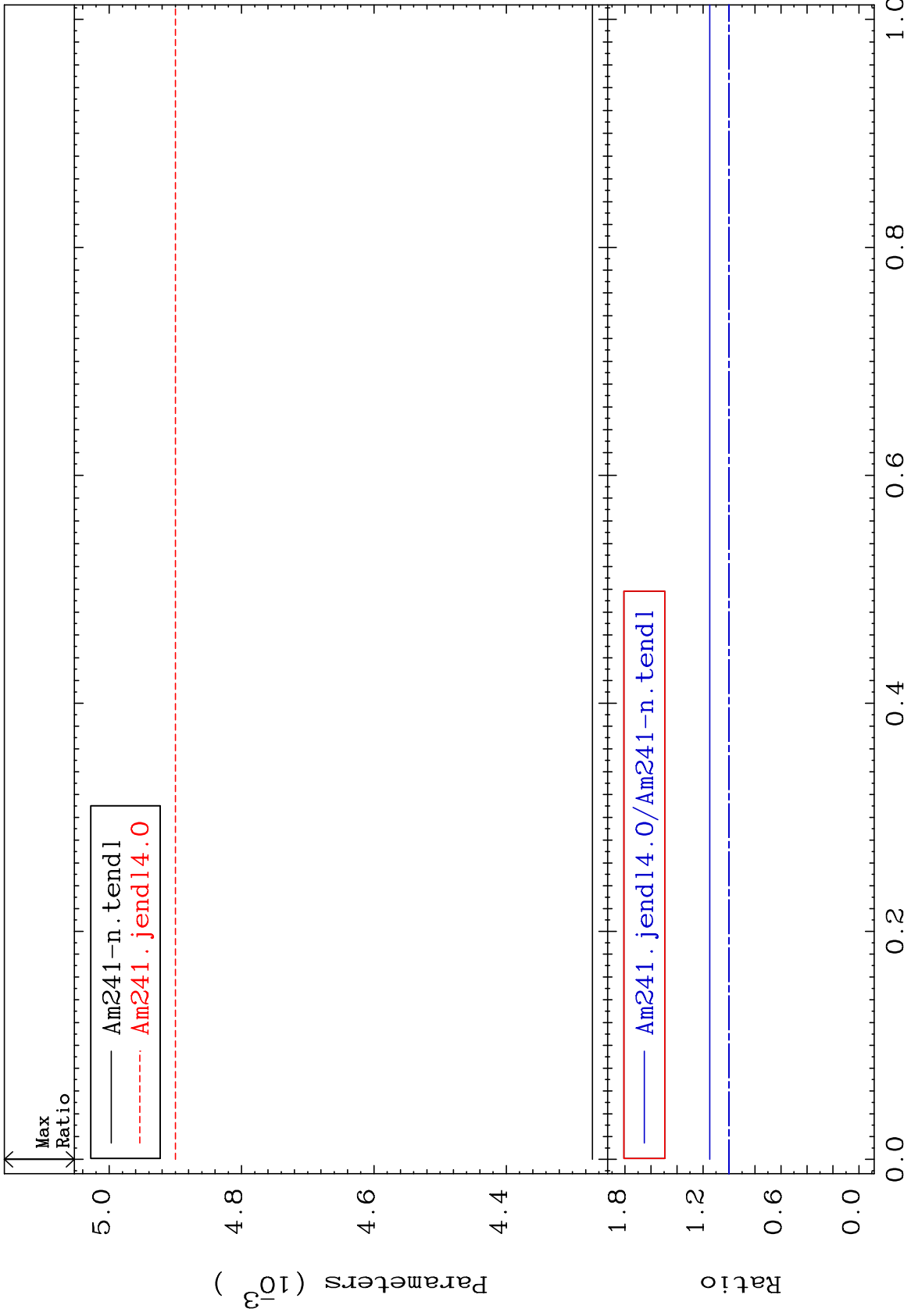
95-Am-241
1.166 To 1.166 %



MAT 9543

Delayed $\bar{\nu}$
Parameters

95-Am-241
14.75 To 14.75 %



Incident Energy (KeV)

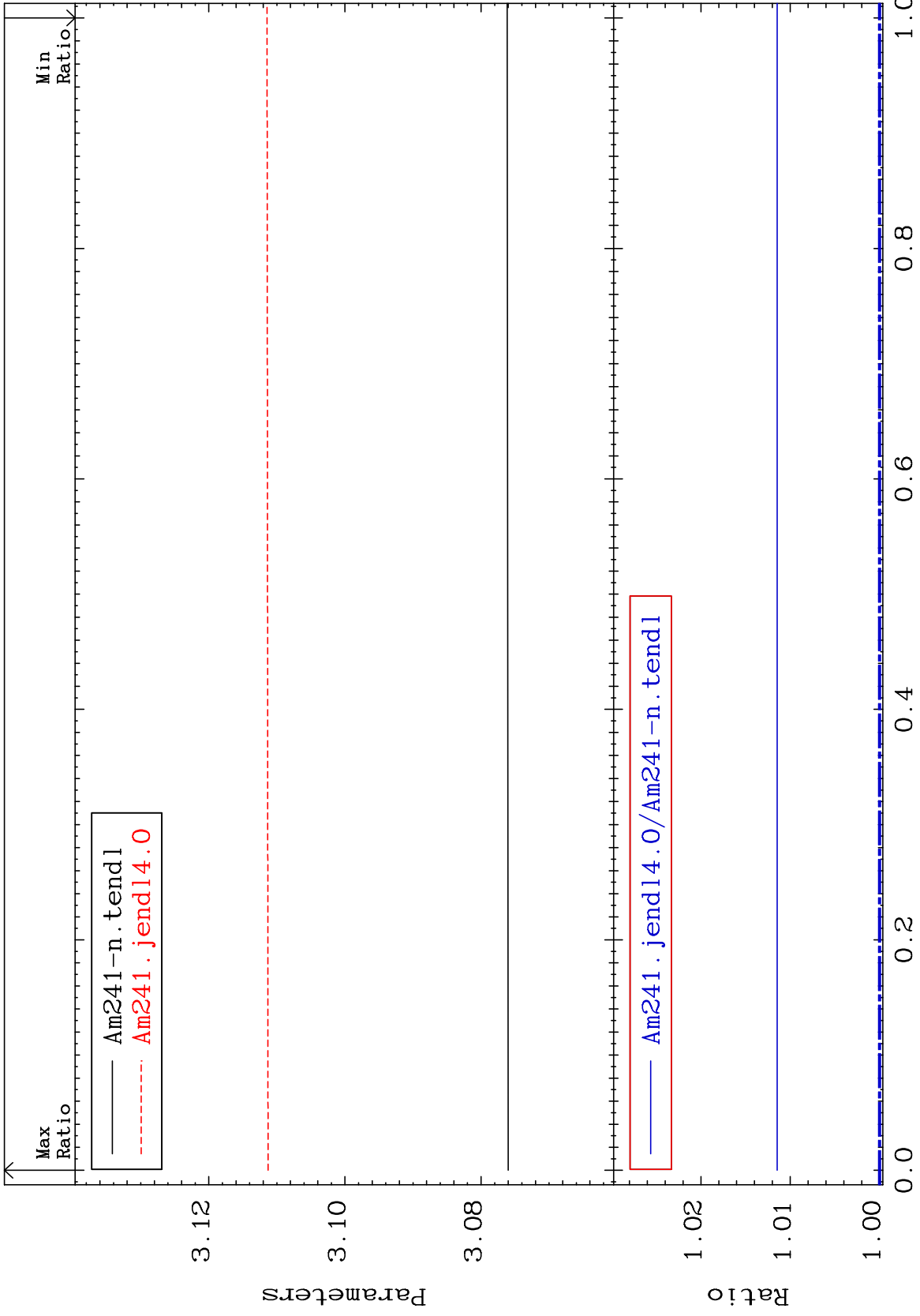
95-Am-241

2

MAT 9543

Prompt $\bar{\nu}$
Parameters

95-Am-241
1.147 To 1.148 %



3

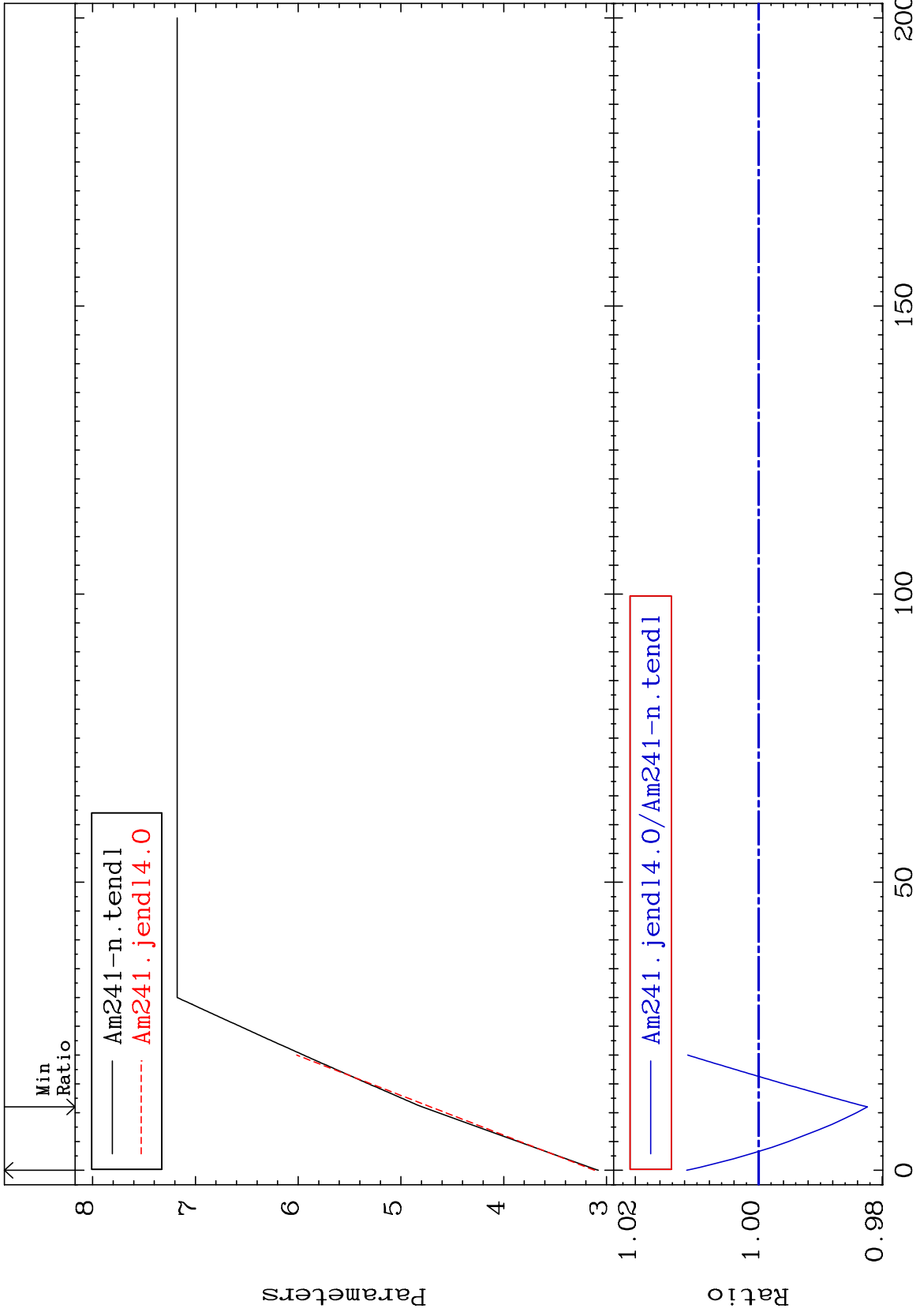
Incident Energy (KeV)

95-Am-241

MAT 9543

Total $\bar{\nu}$
Parameters

95-Am-241
-1.761 To 1.166 %



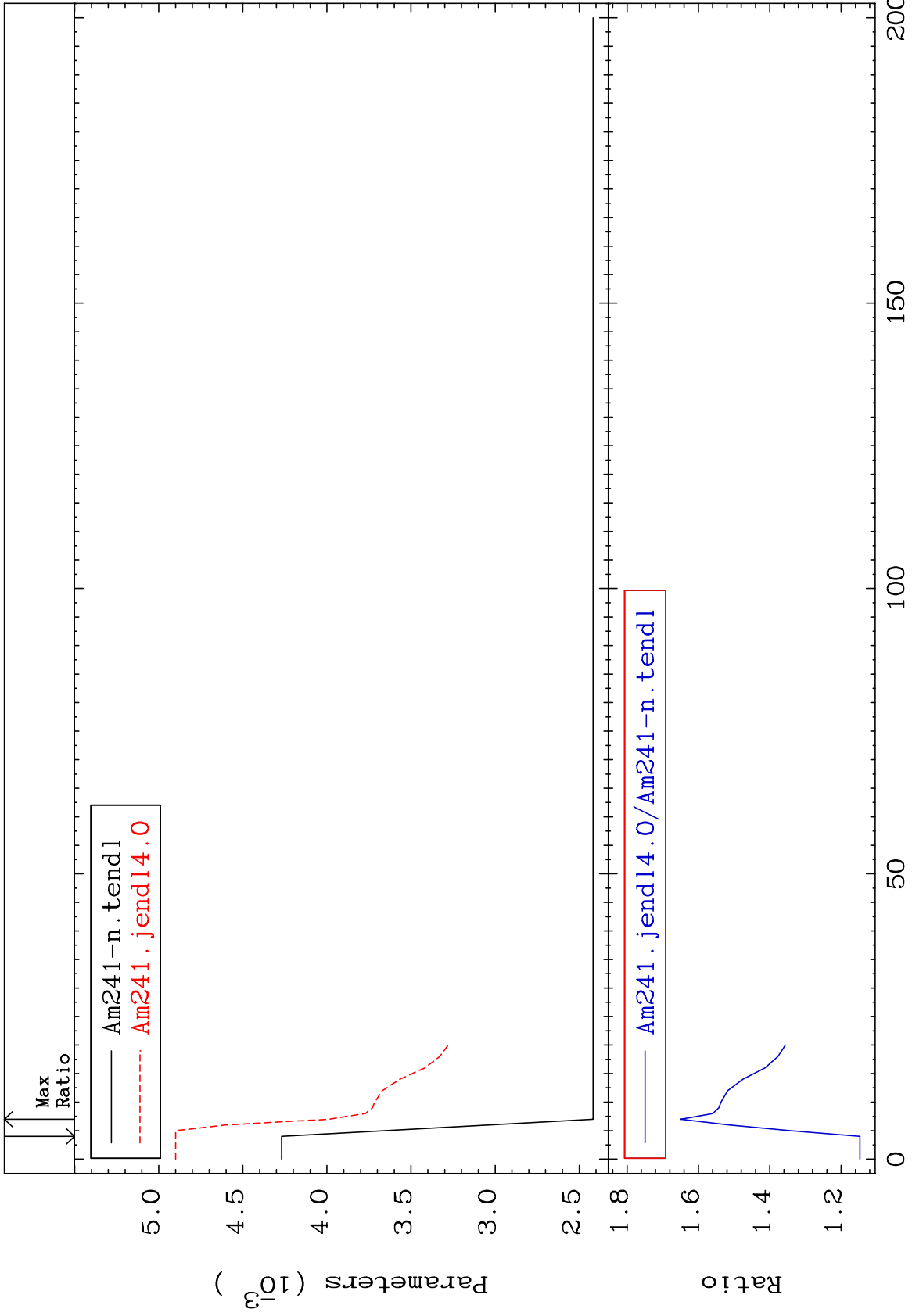
Incident Energy (MeV)

95-Am-241

MAT 9543

Delayed $\bar{\nu}$
Parameters

95-Am-241
14.75 To 64.94 %



2

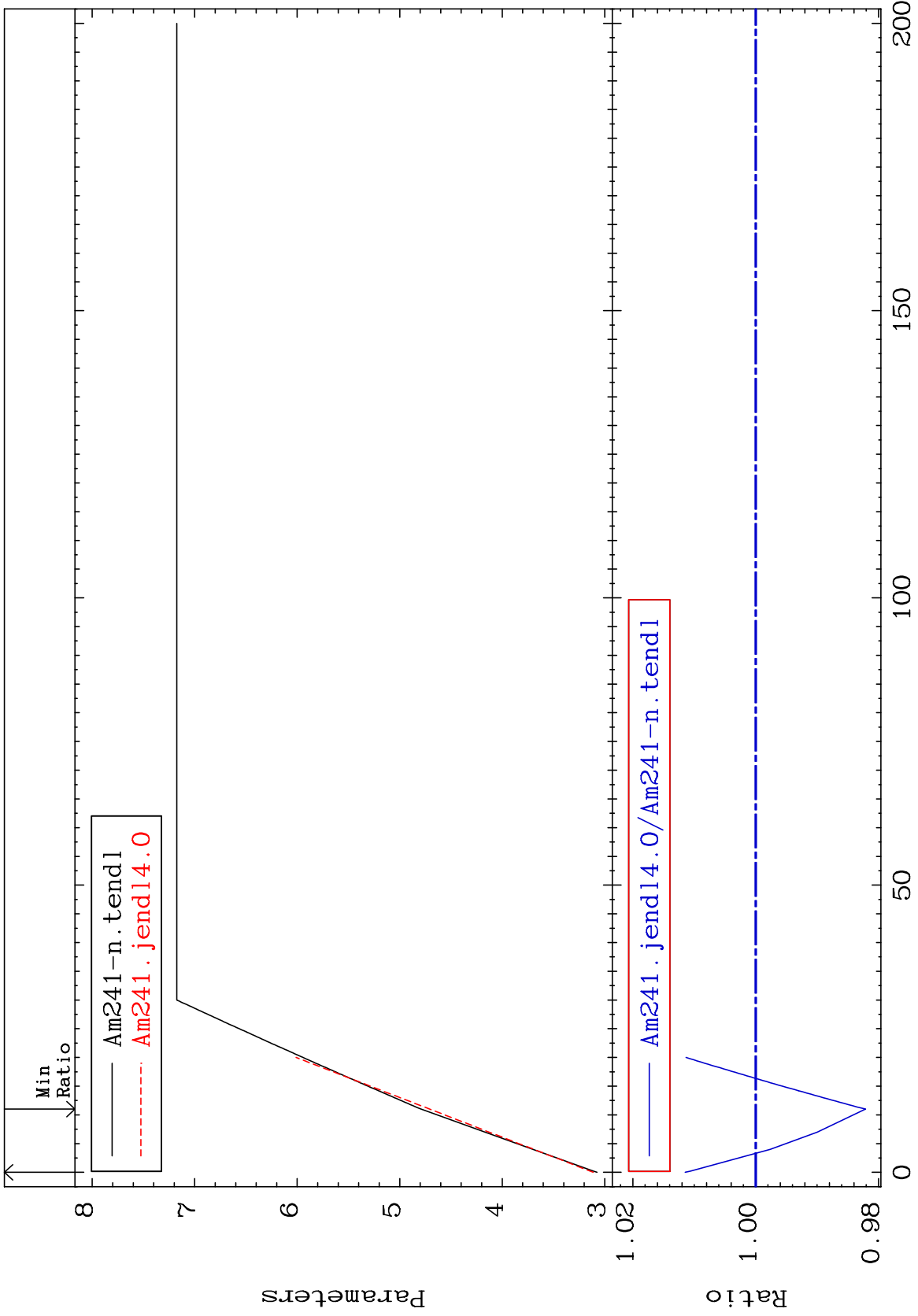
Incident Energy (MeV)

95-Am-241

MAT 9543

Prompt $\bar{\nu}$
Parameters

95-Am-241
-1.788 To 1.148 %



3

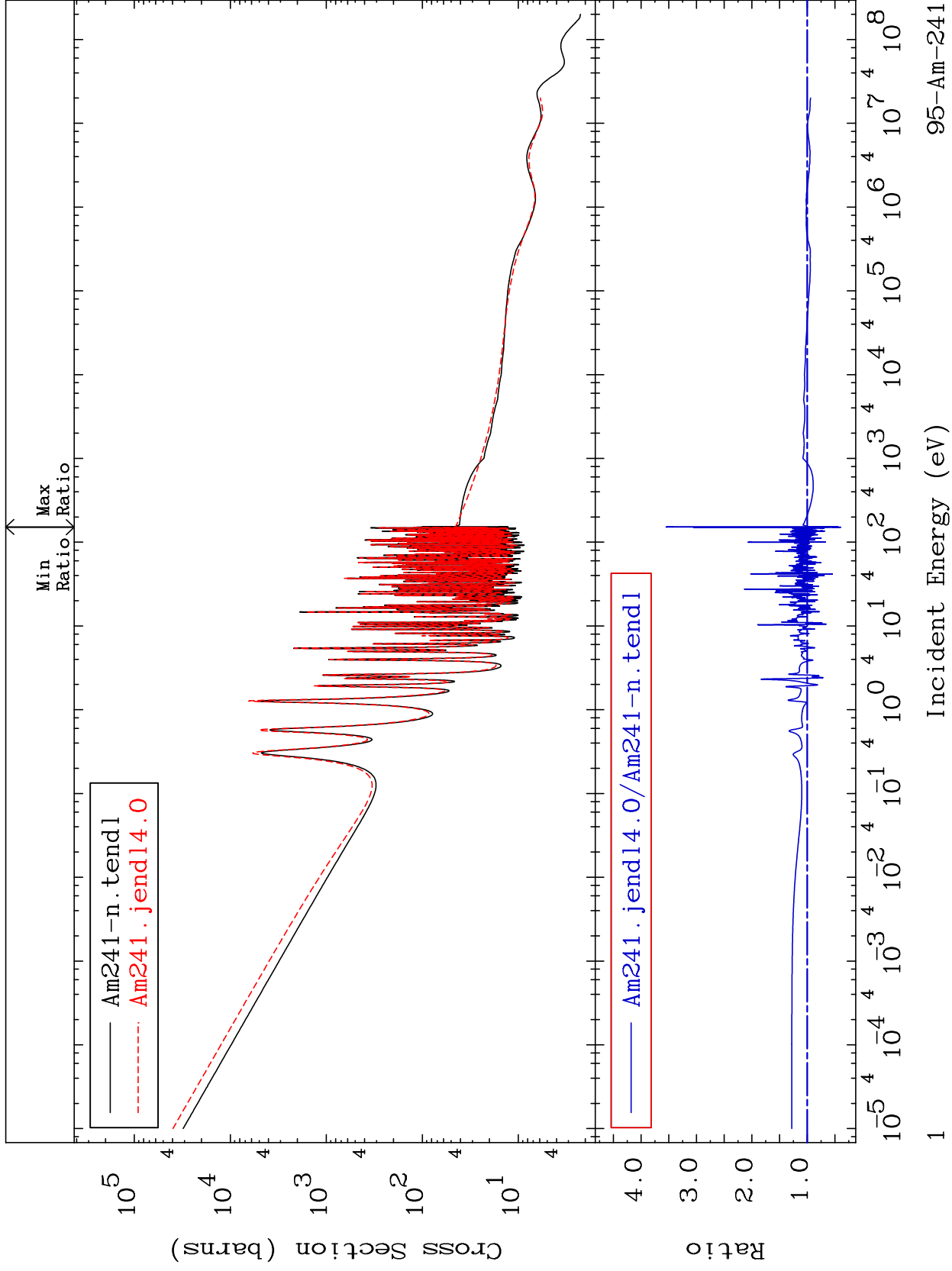
Incident Energy (MeV)

95-Am-241

MAT 9543

Total
Cross Section

95-Am-241
-60.84 To 254.9 %

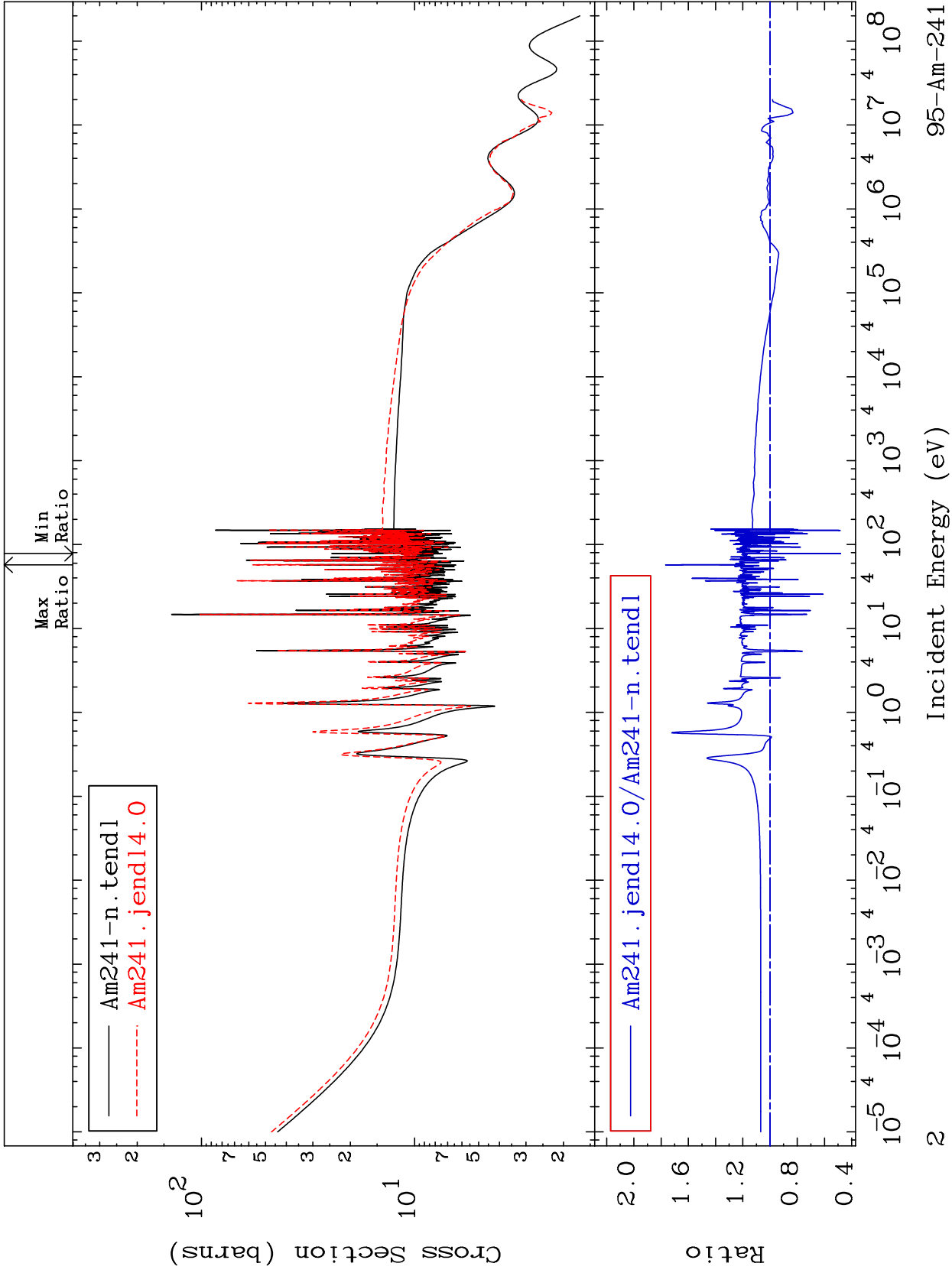


95-Am-241

MAT 9543

Elastic
Cross Section

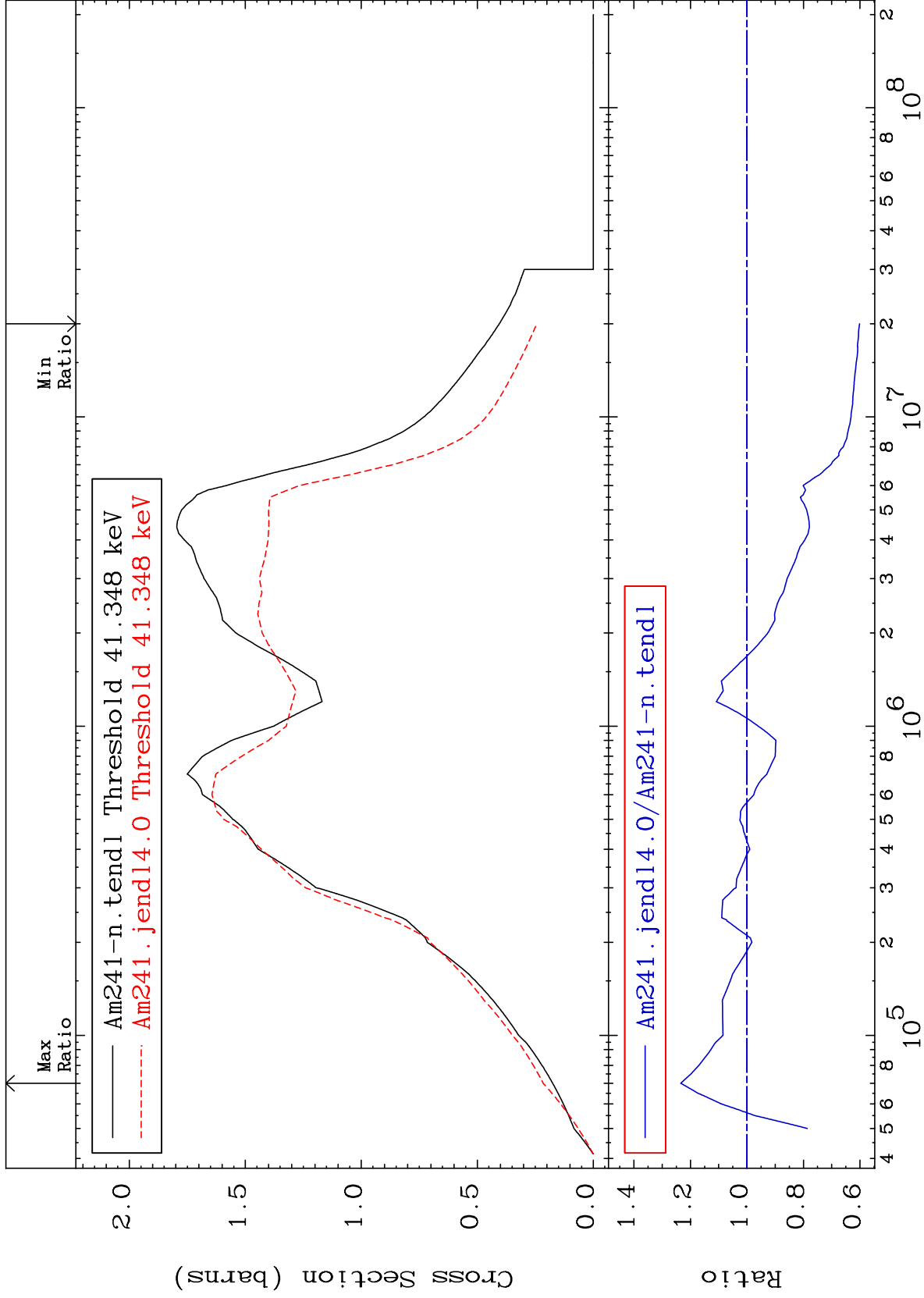
95-Am-241
-51.89 To 76.78 %



95-Am-241

Incident Energy (eV)

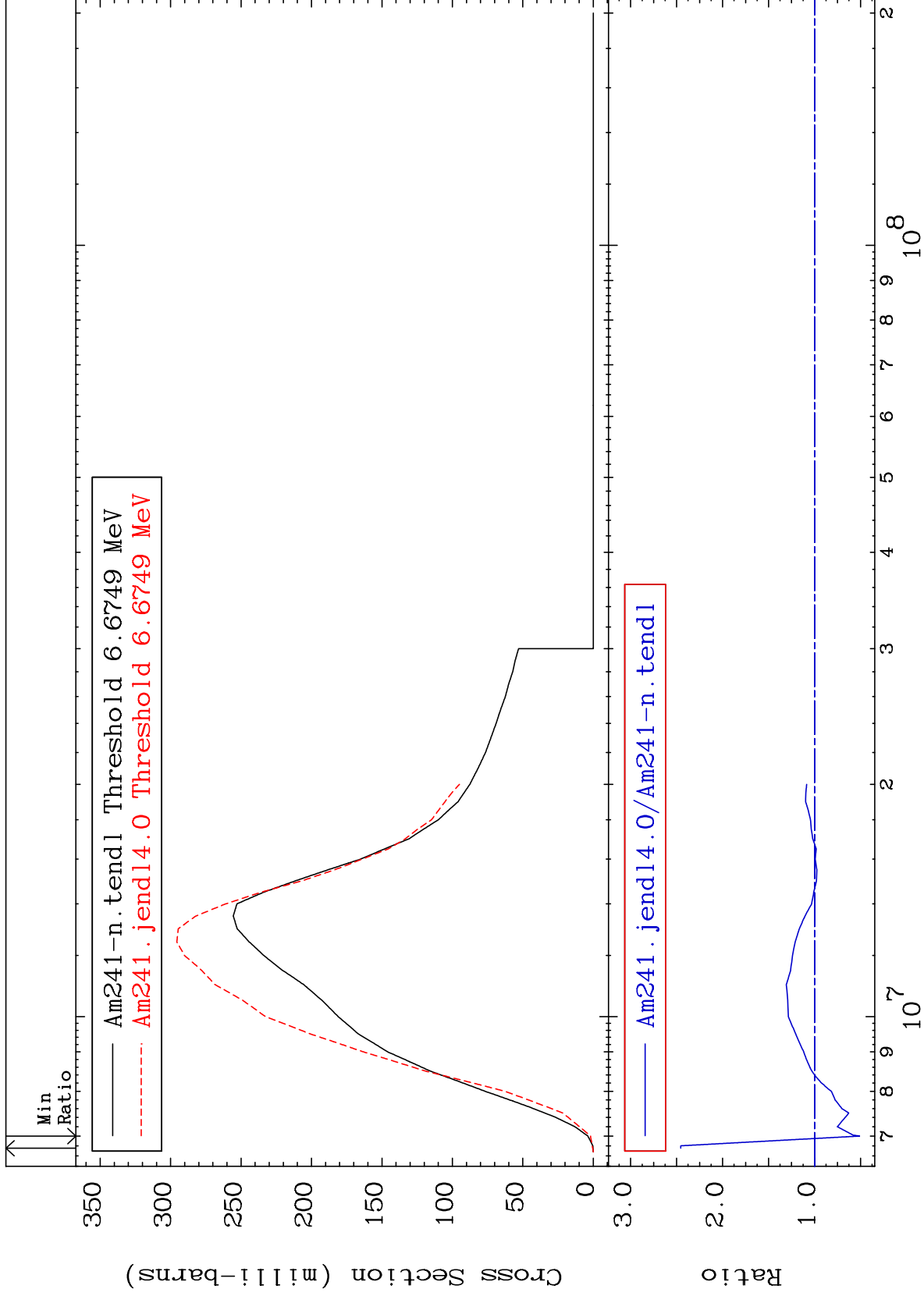
MAT 9543 Inelastic Cross Section 95-Am-241 -39.85 To 23.42 %



MAT 9543

(n,2n)
Cross Section

95-Am-241
-48.96 To 145.5 %



4

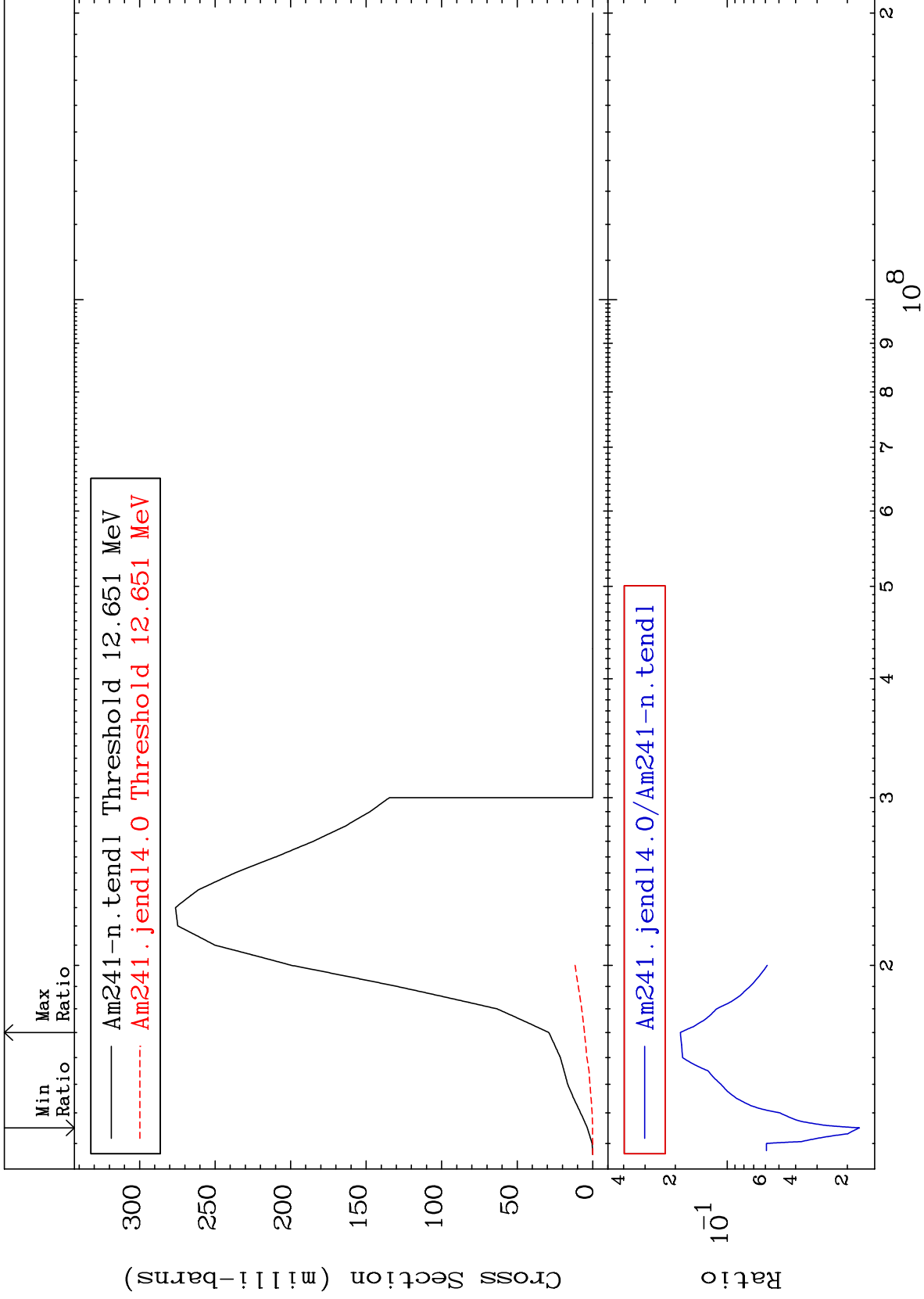
Incident Energy (eV)

95-Am-241

MAT 9543

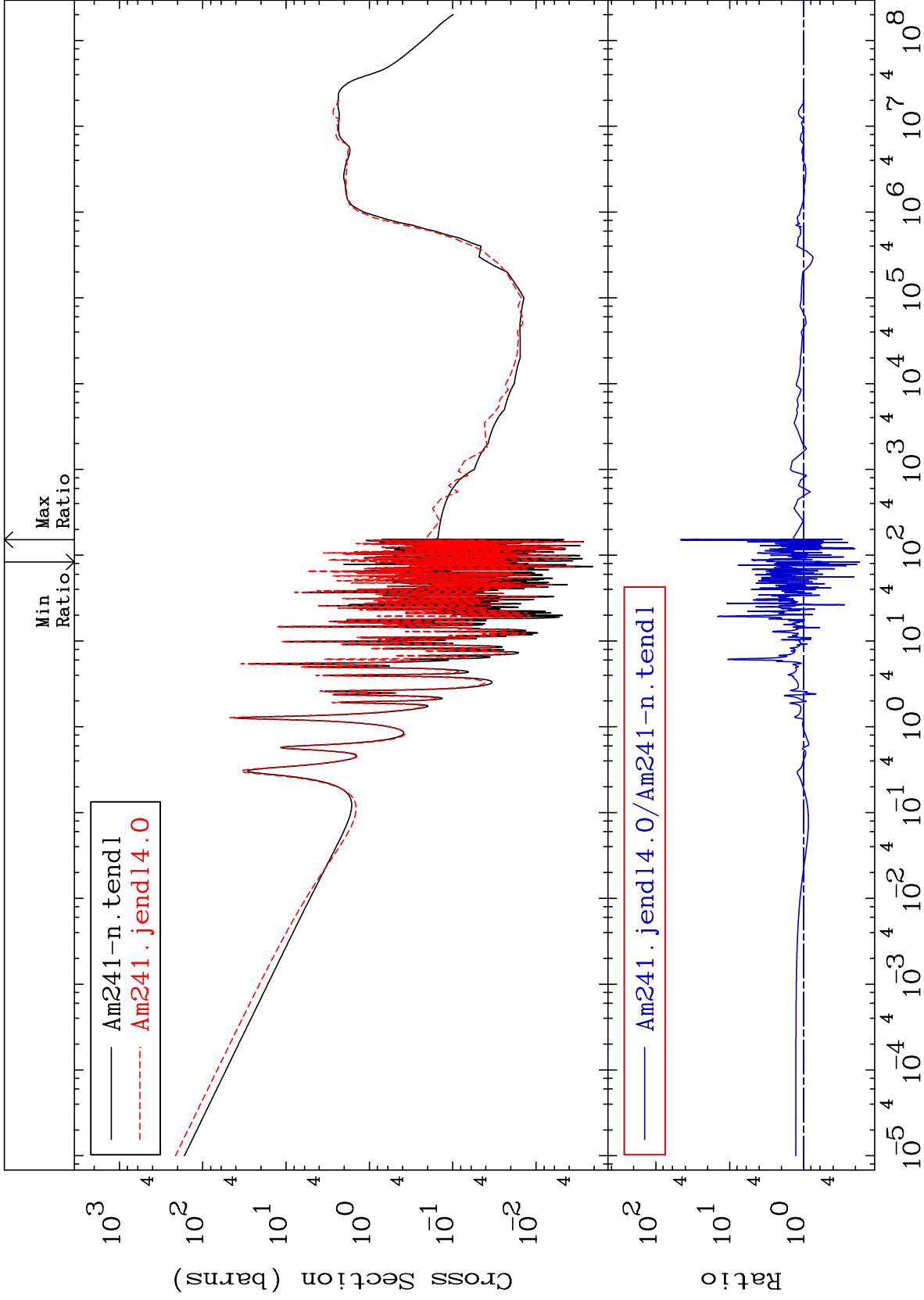
(n,3n)
Cross Section

95-Am-241
-98.30 To -81.28%



MAT 9543

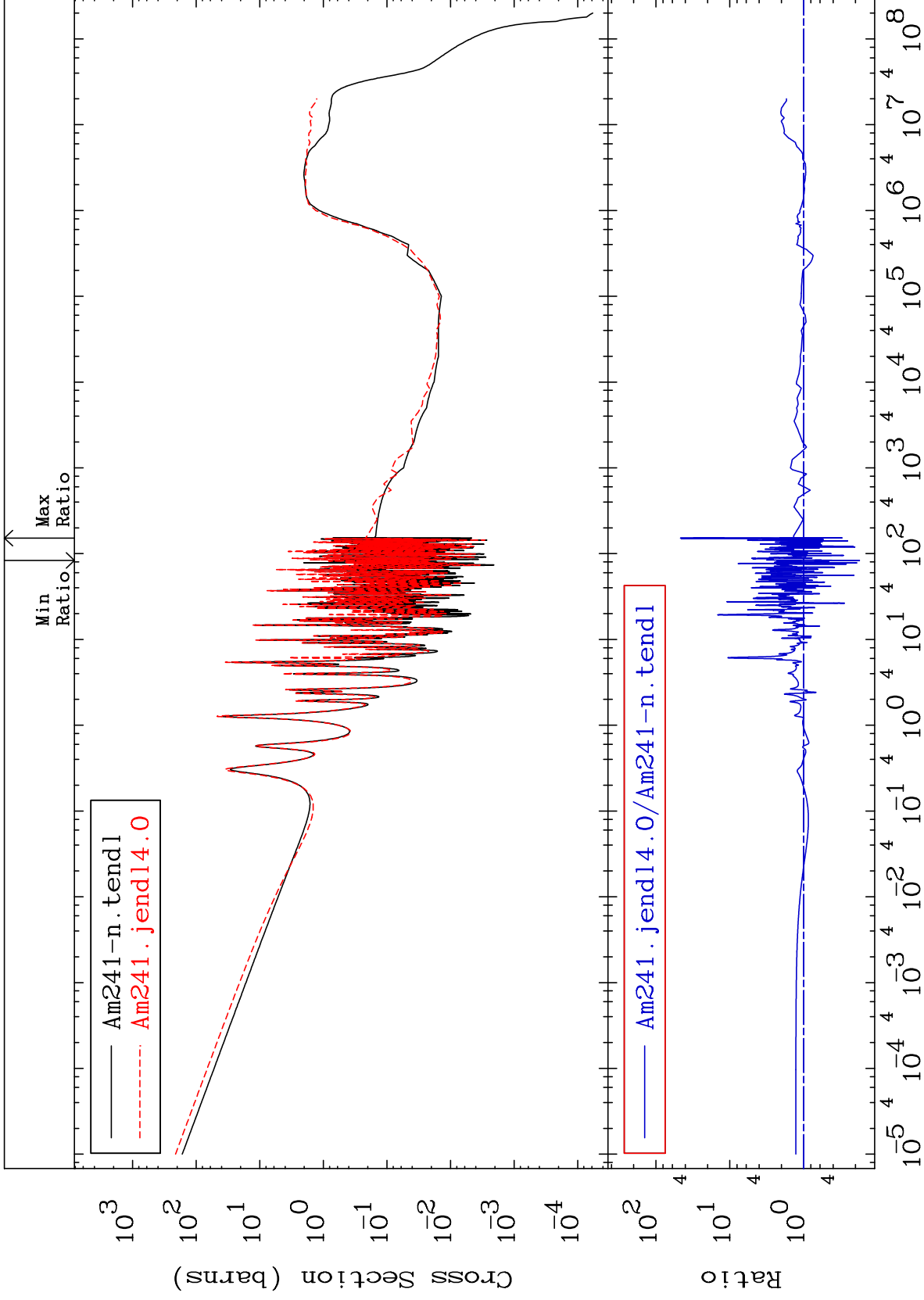
Fission Cross Section 95-Am-241
-82.37 To 4569. %



MAT 9543

(n,f) First Chance
Cross Section

95-Am-241
-82.37 To 4569. %



7

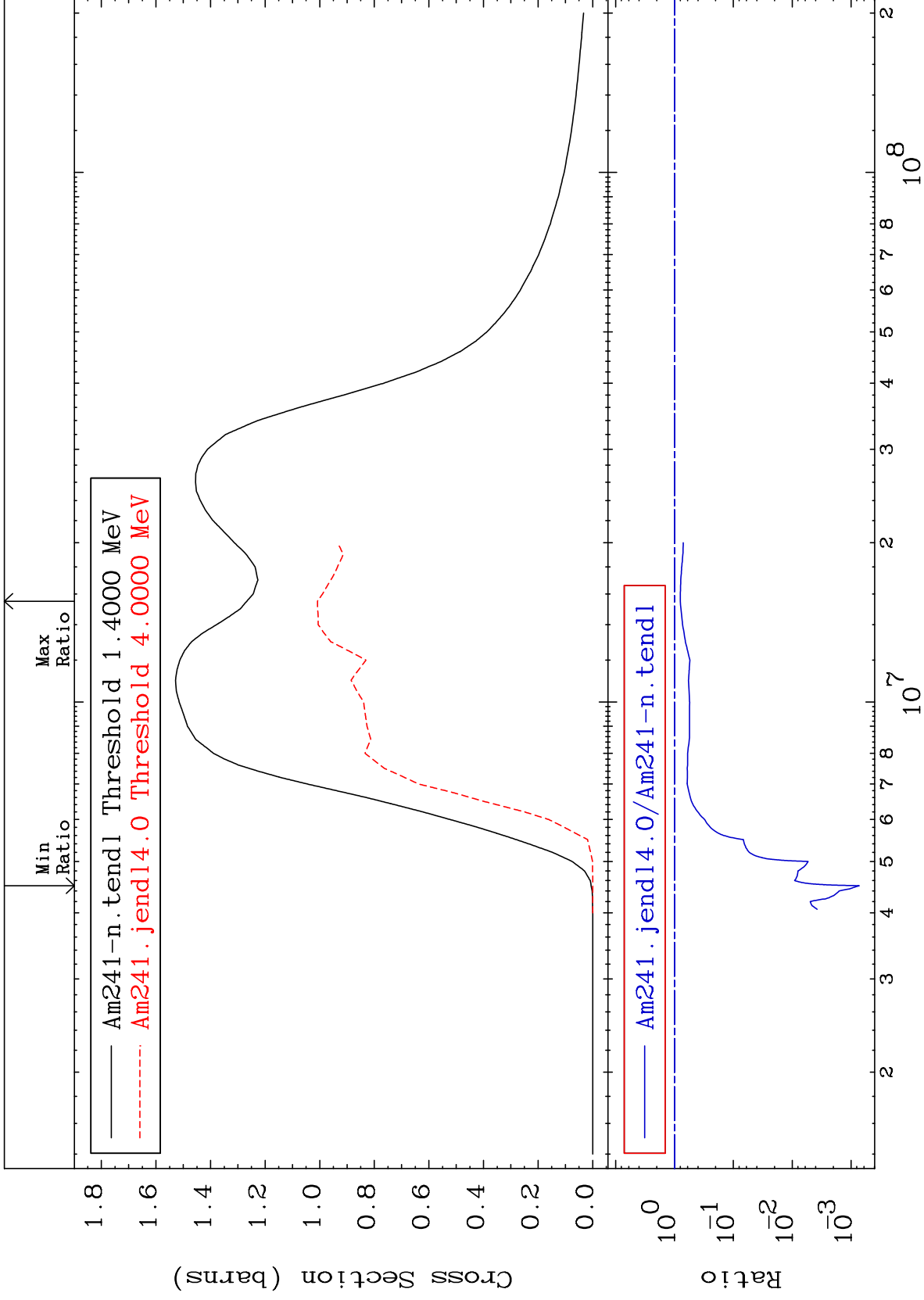
Incident Energy (eV)

95-Am-241

MAT 9543

(n, nf) Second Chance
Cross Section

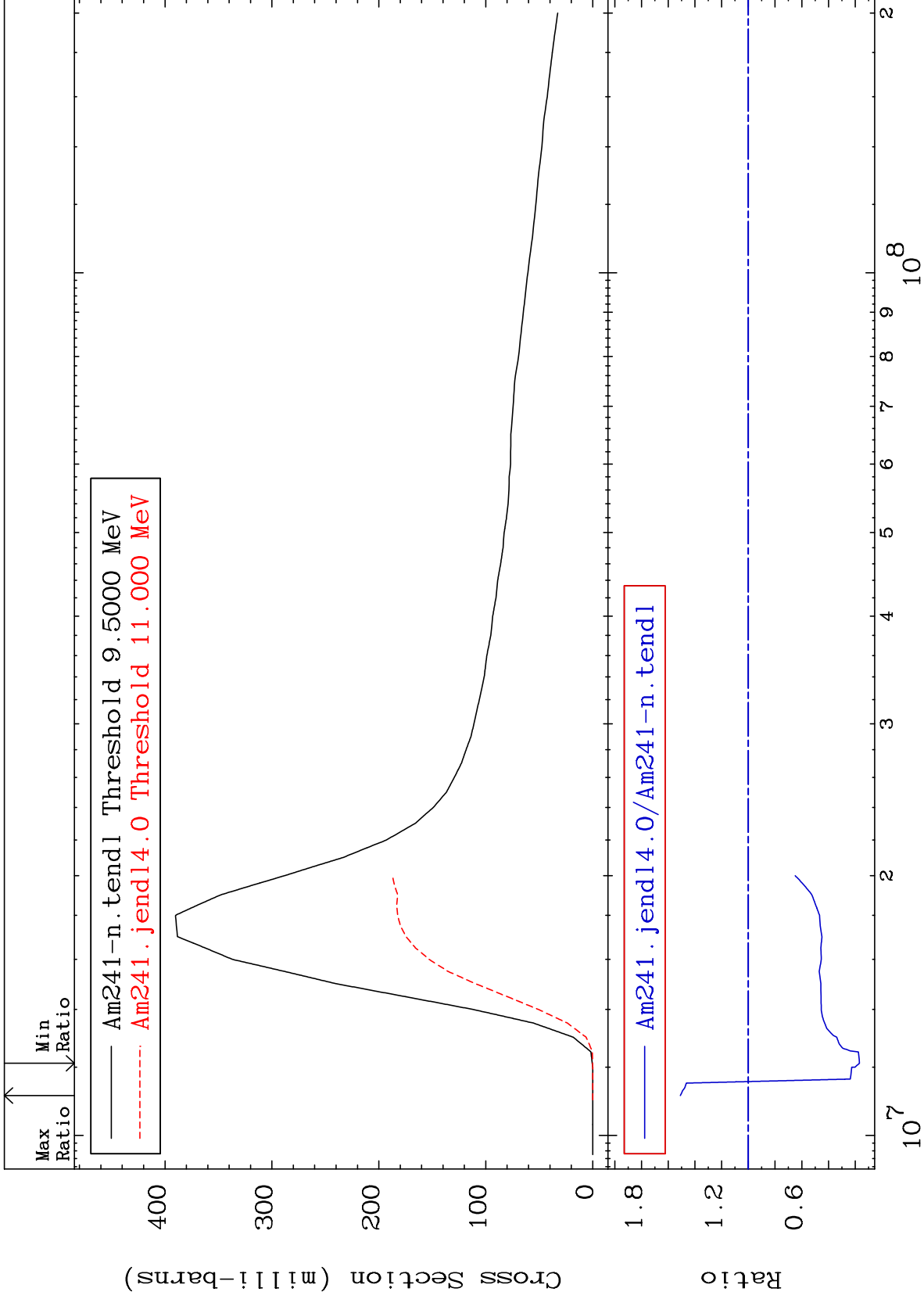
95-Am-241
-99.93 To -20.43%



MAT 9543

(n,2nf) Third Chance
Cross Section

95-Am-241
-83.18 To 50.94 %



9

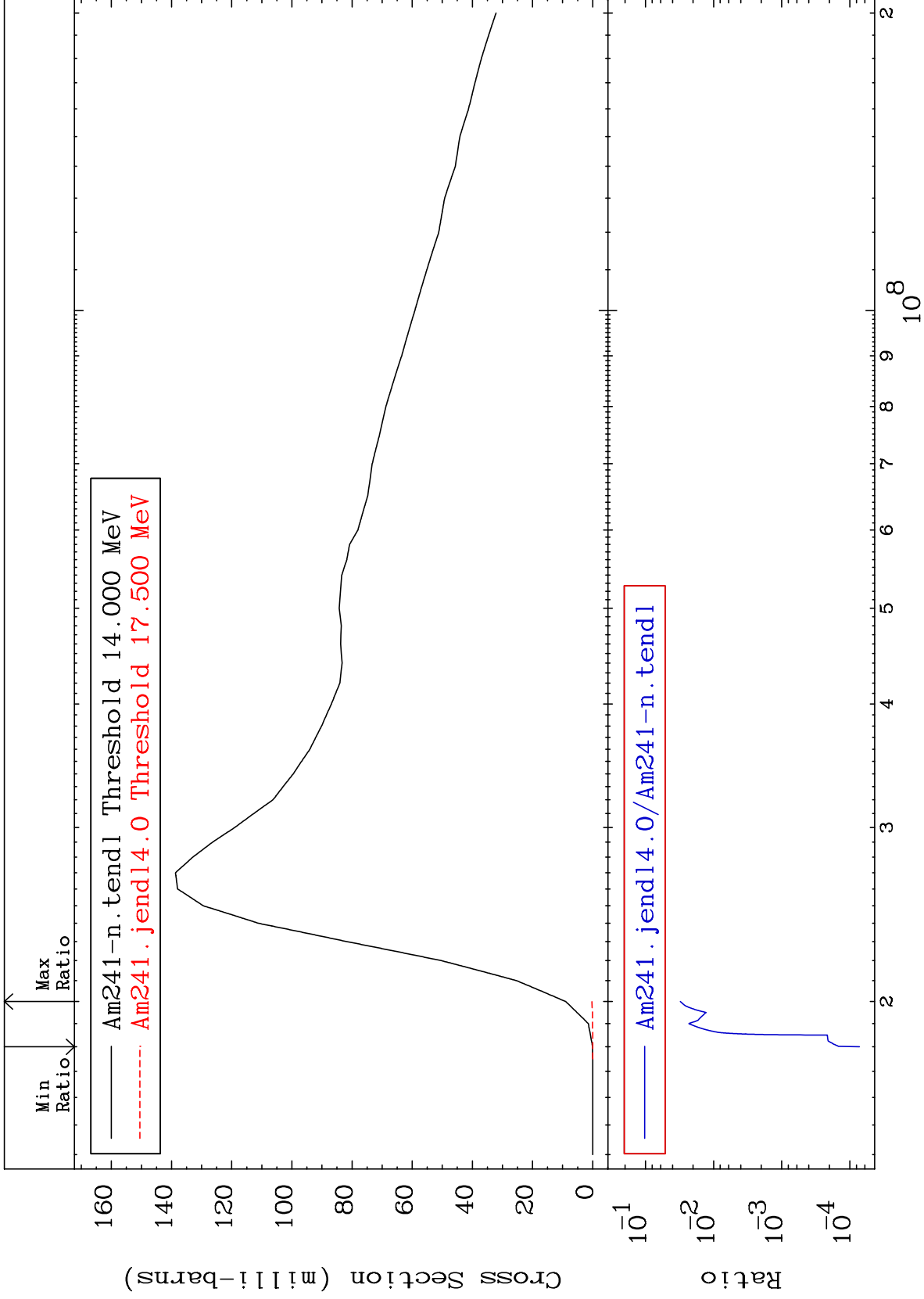
Incident Energy (eV)

95-Am-241

MAT 9543

(n,3nf) Fourth Chance
Cross Section

95-Am-241
-99.99 To -96.92%



10

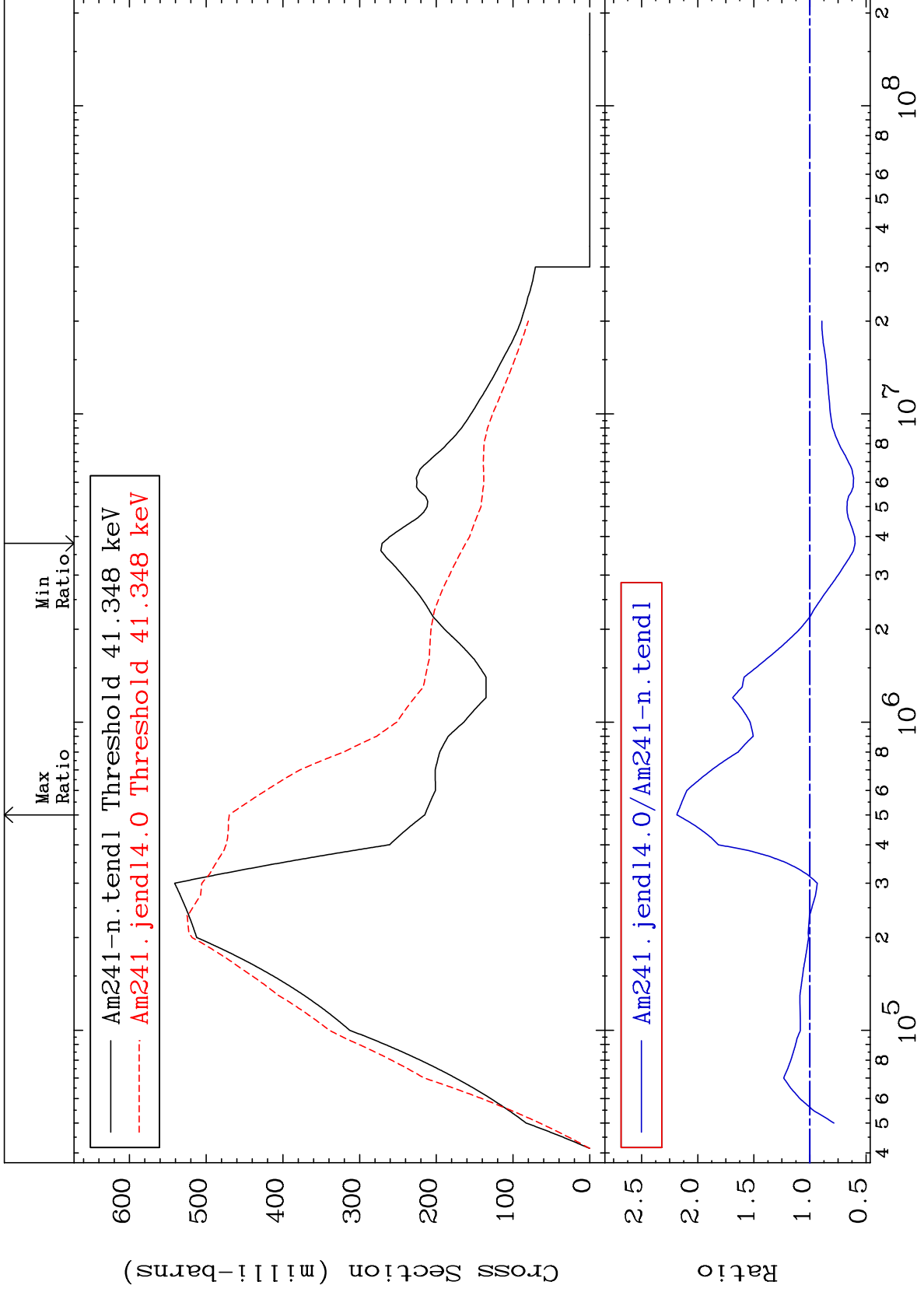
Incident Energy (eV)

95-Am-241

MAT 9543

41.18 keV (n,n') Level
Cross Section

95-Am-241
-40.25 To 118.6 %



11

Incident Energy (eV)

95-Am-241

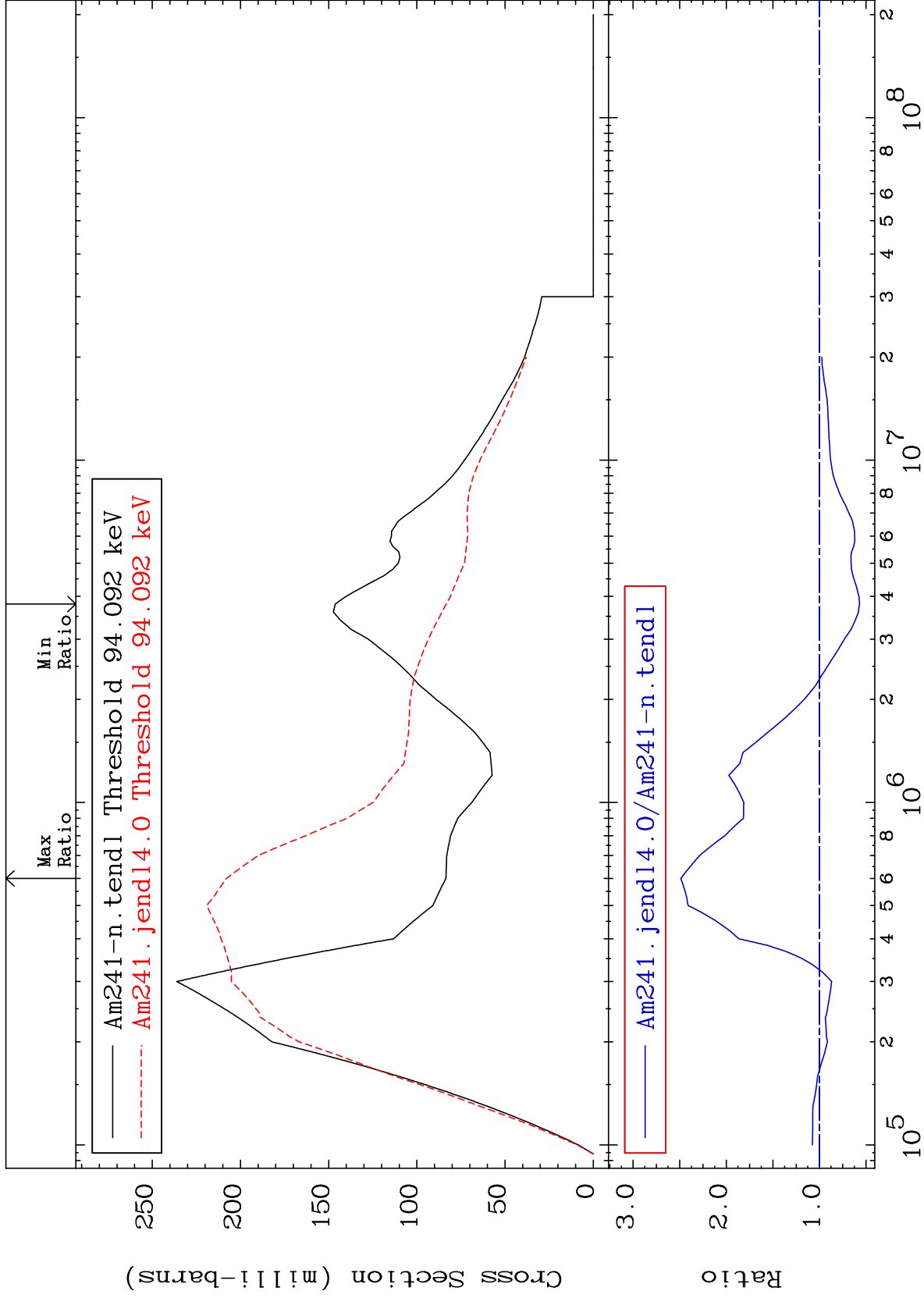
MAT 9543

93.70 keV (n,n') Level

95-Am-241

-43.02 To 148.8 %

Cross Section



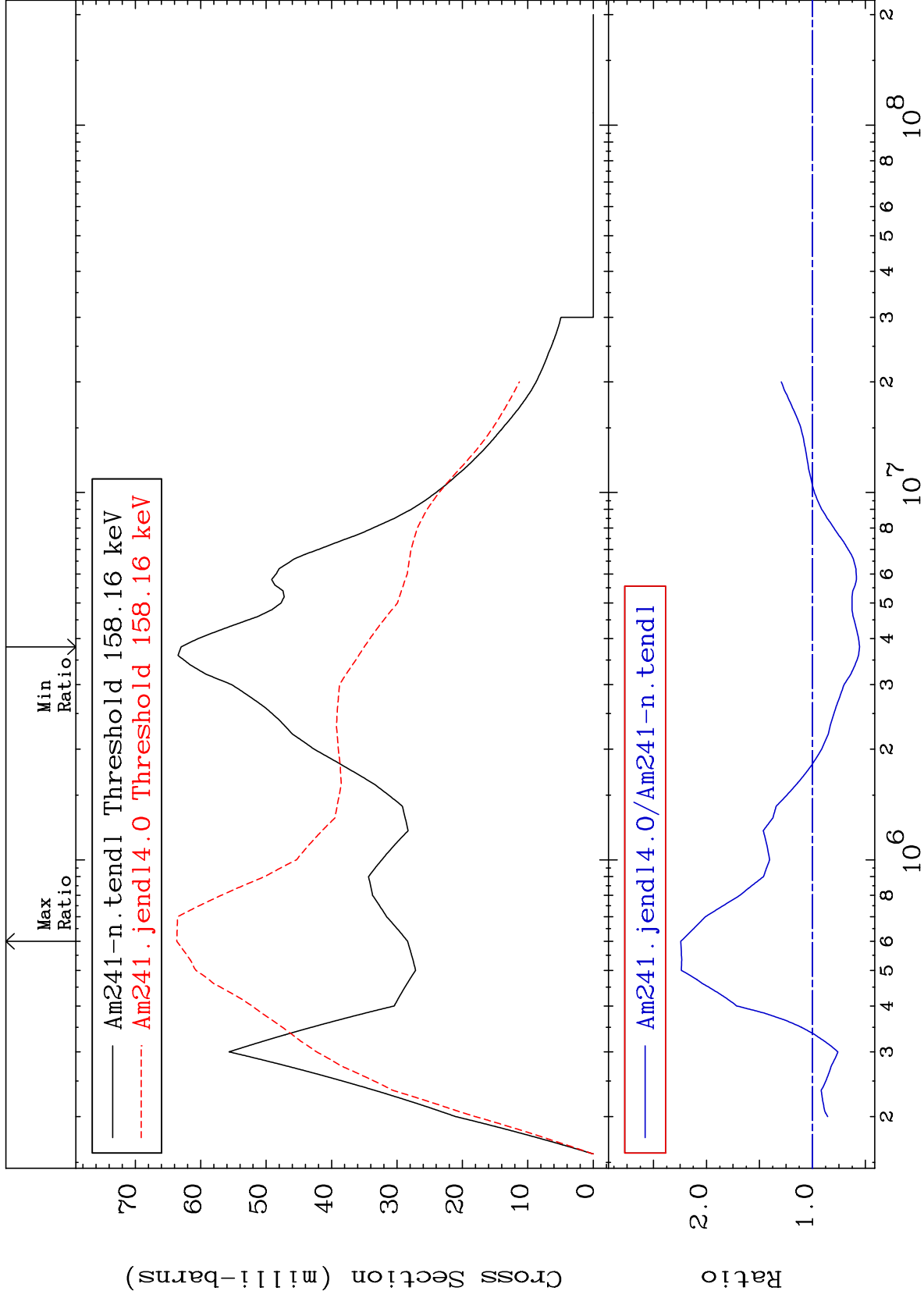
MAT 9543

157.5 keV (n,n') Level

95-Am-241

-44.45 To 124.3 %

Cross Section



13

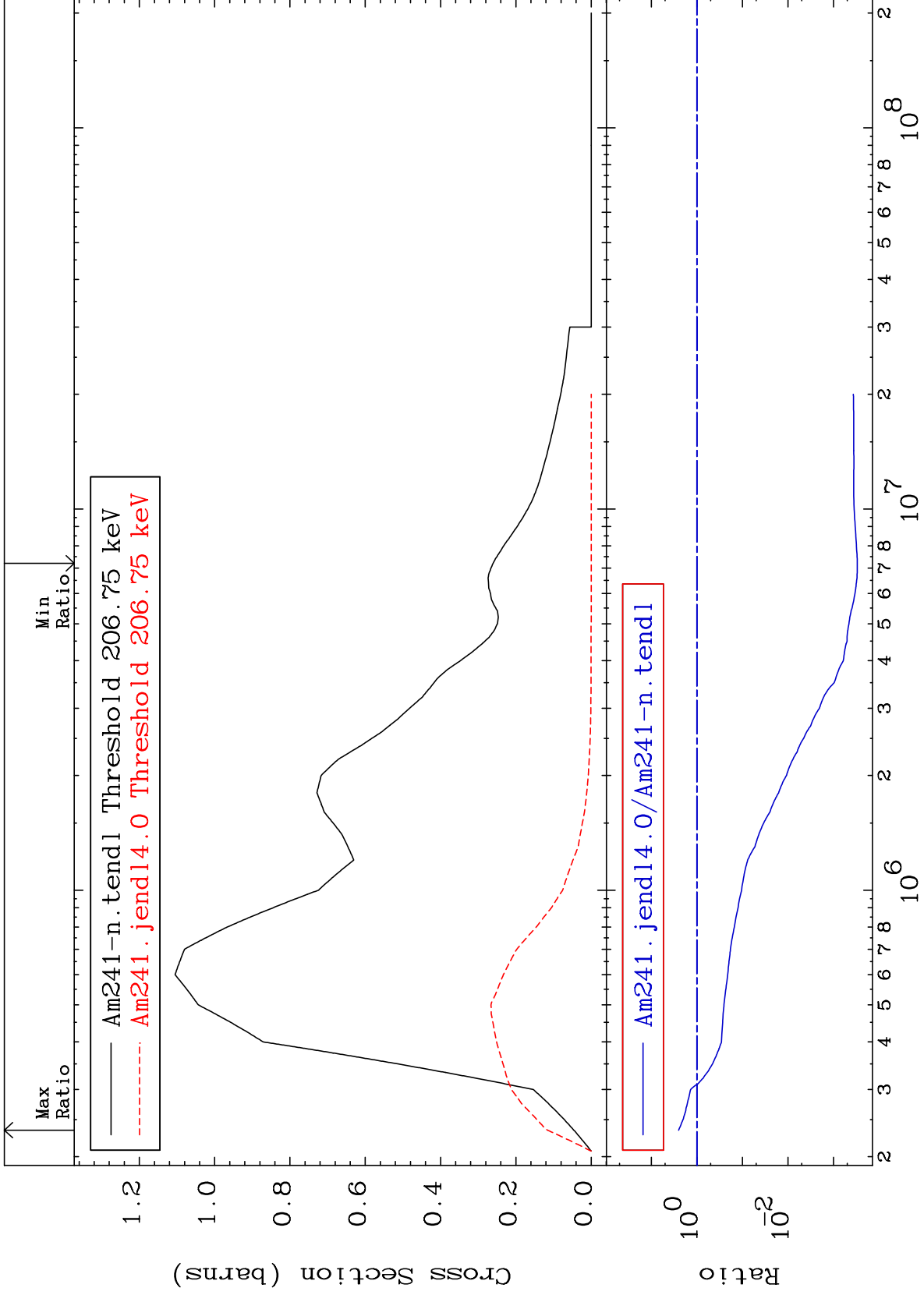
Incident Energy (eV)

95-Am-241

MAT 9543

205.9 keV (n,n') Level
Cross Section

95-Am-241
-99.97 To 151.9 %



14

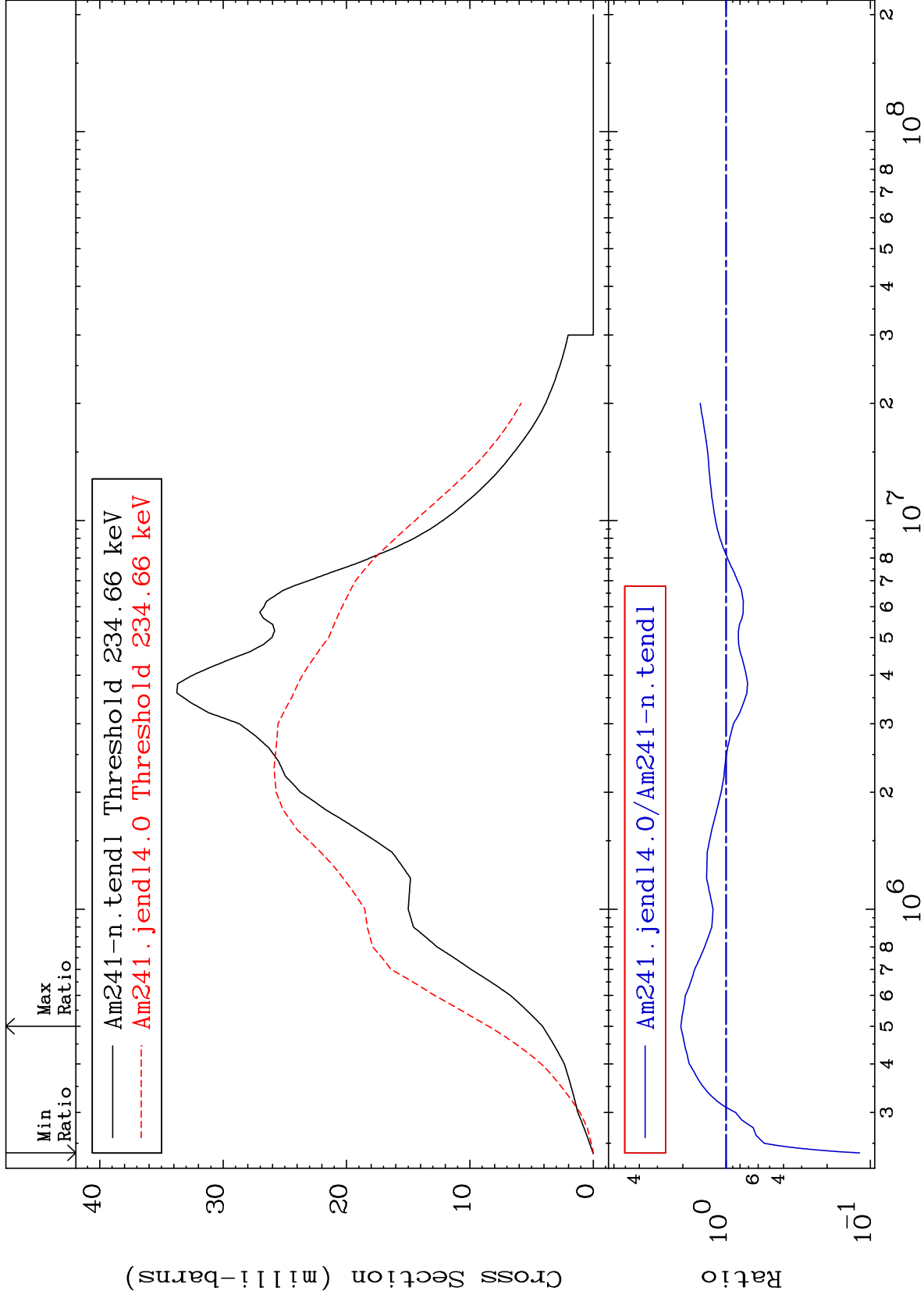
Incident Energy (eV)

95-Am-241

MAT 9543

233.7 keV (n,n') Level
Cross Section

95-Am-241
-88.11 To 106.4 %



15

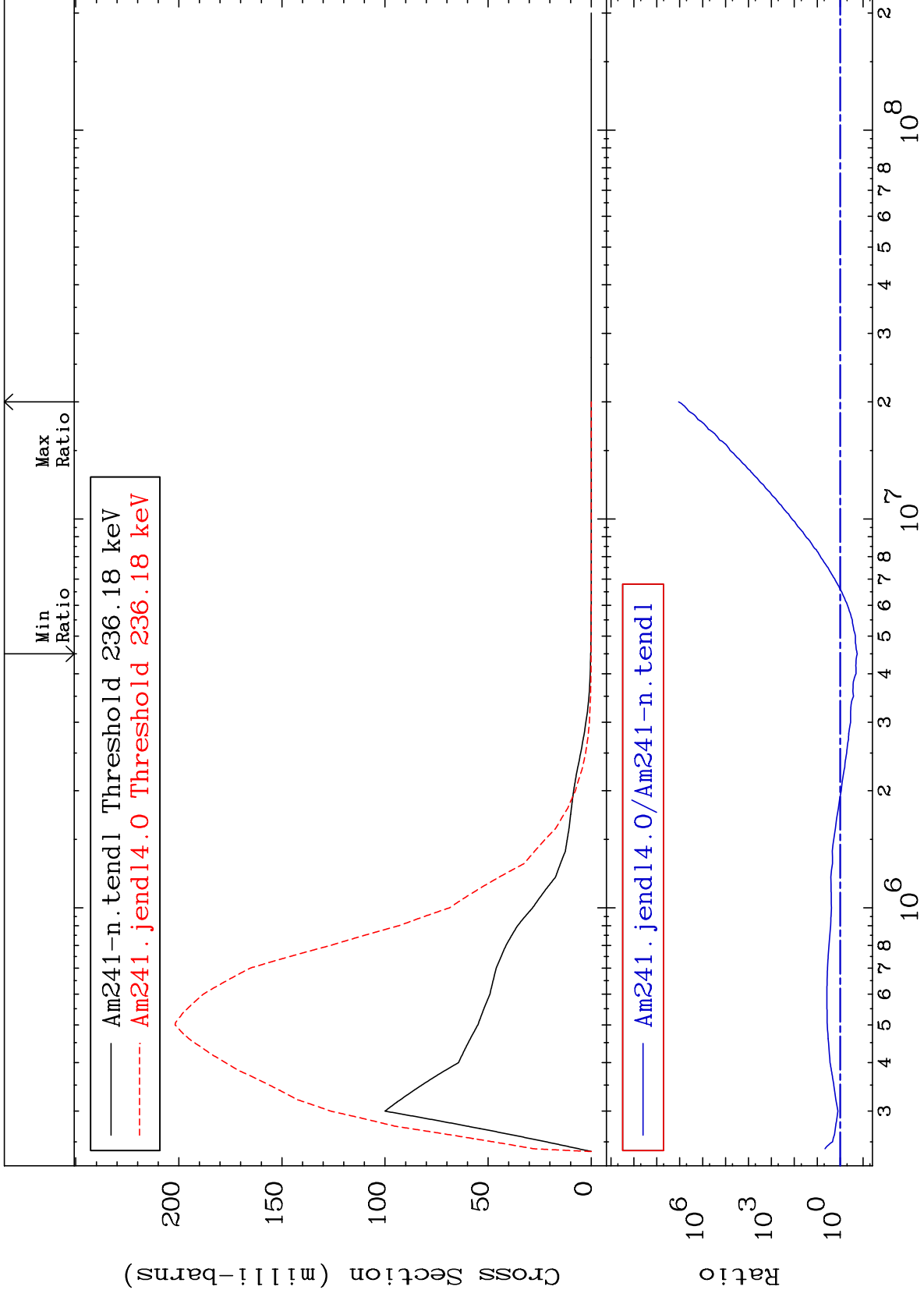
Incident Energy (eV)

95-Am-241

MAT 9543

235.2 keV (n,n') Level
Cross Section

95-Am-241
-81.99 To 9999. %



16

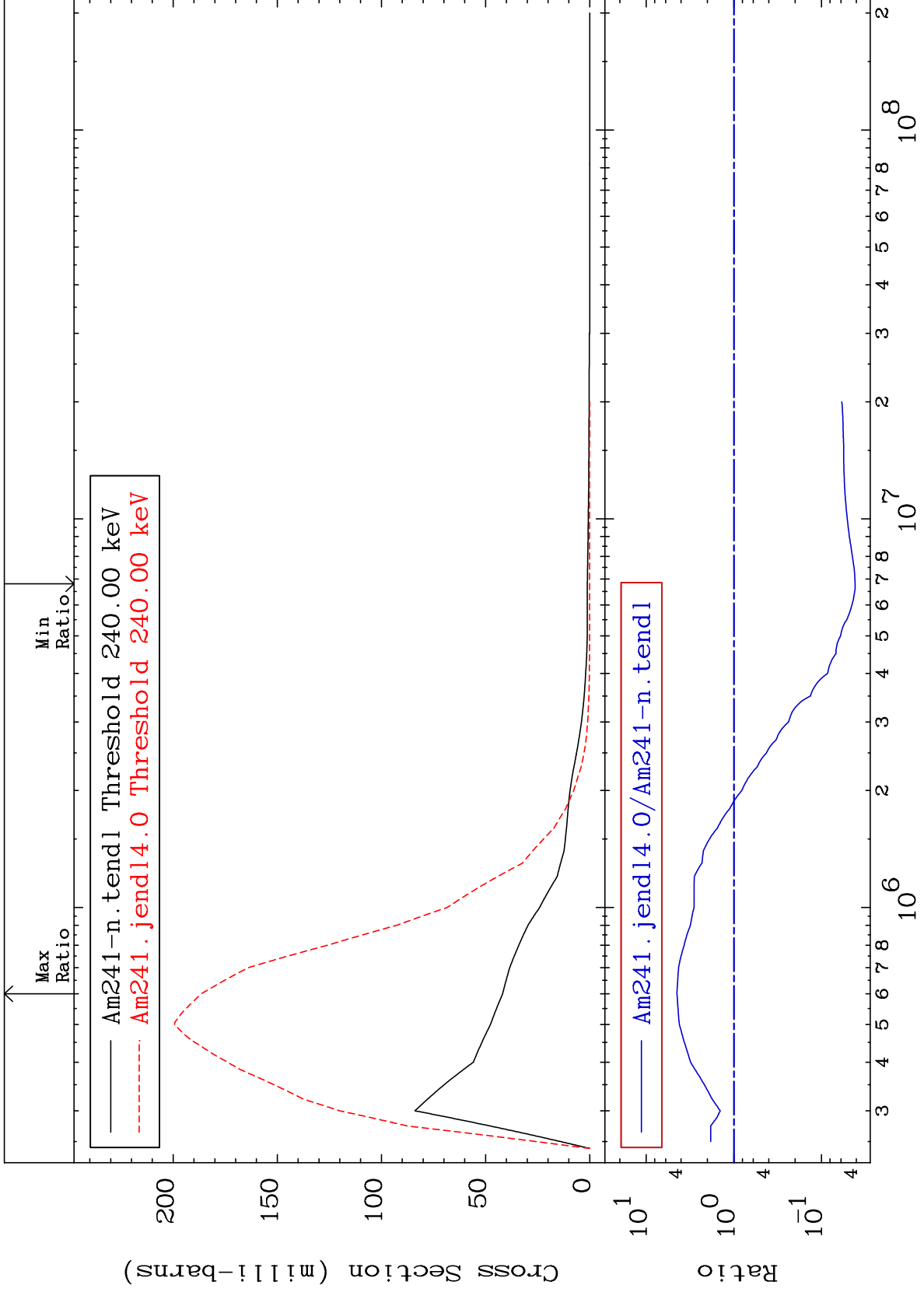
Incident Energy (eV)

95-Am-241

MAT 9543

239.0 keV (n,n') Level
Cross Section

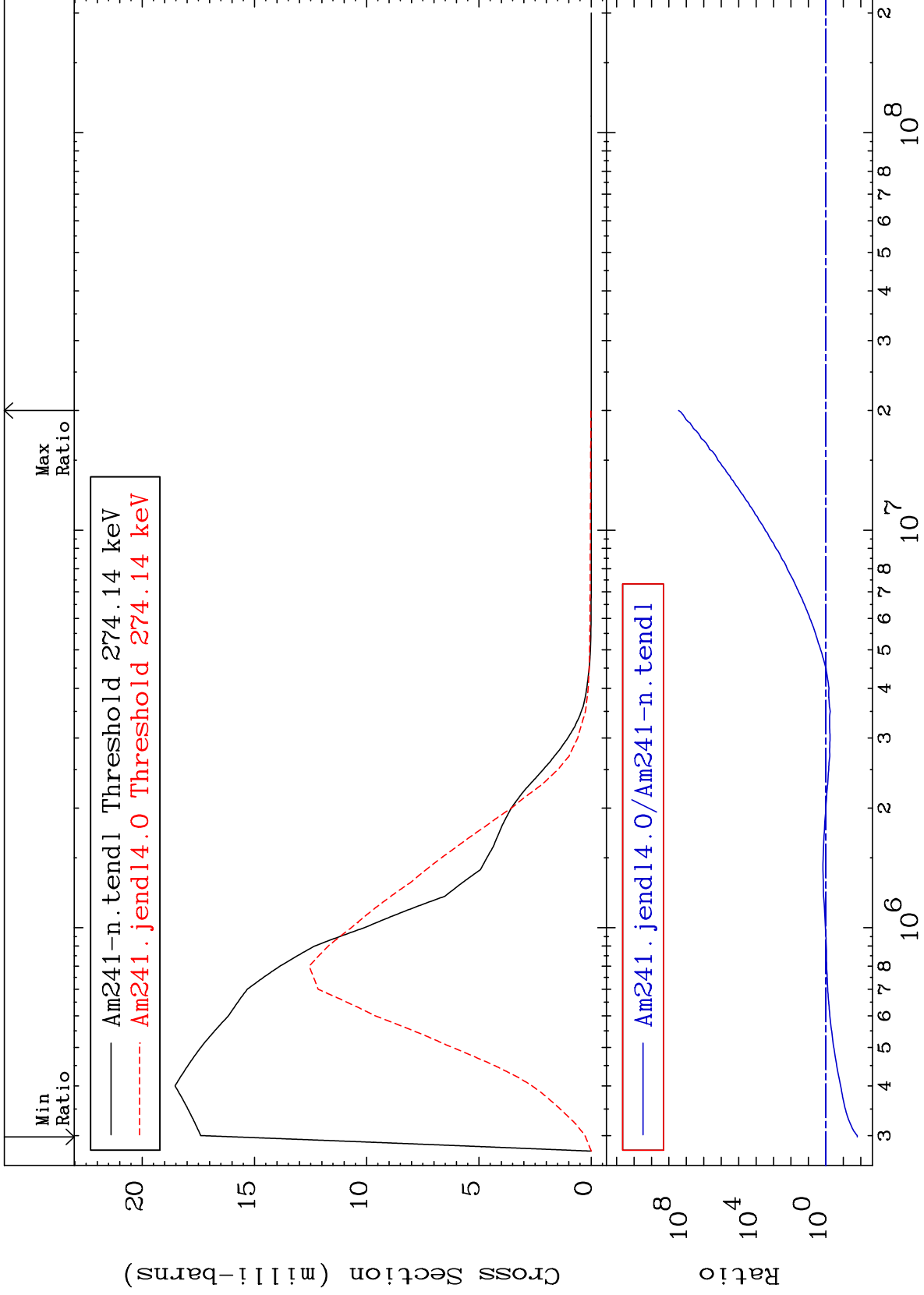
95-Am-241
-95.86 To 345.9 %



MAT 9543

273.0 keV (n,n') Level
Cross Section

95-Am-241
-98.41 To 9999. %



18

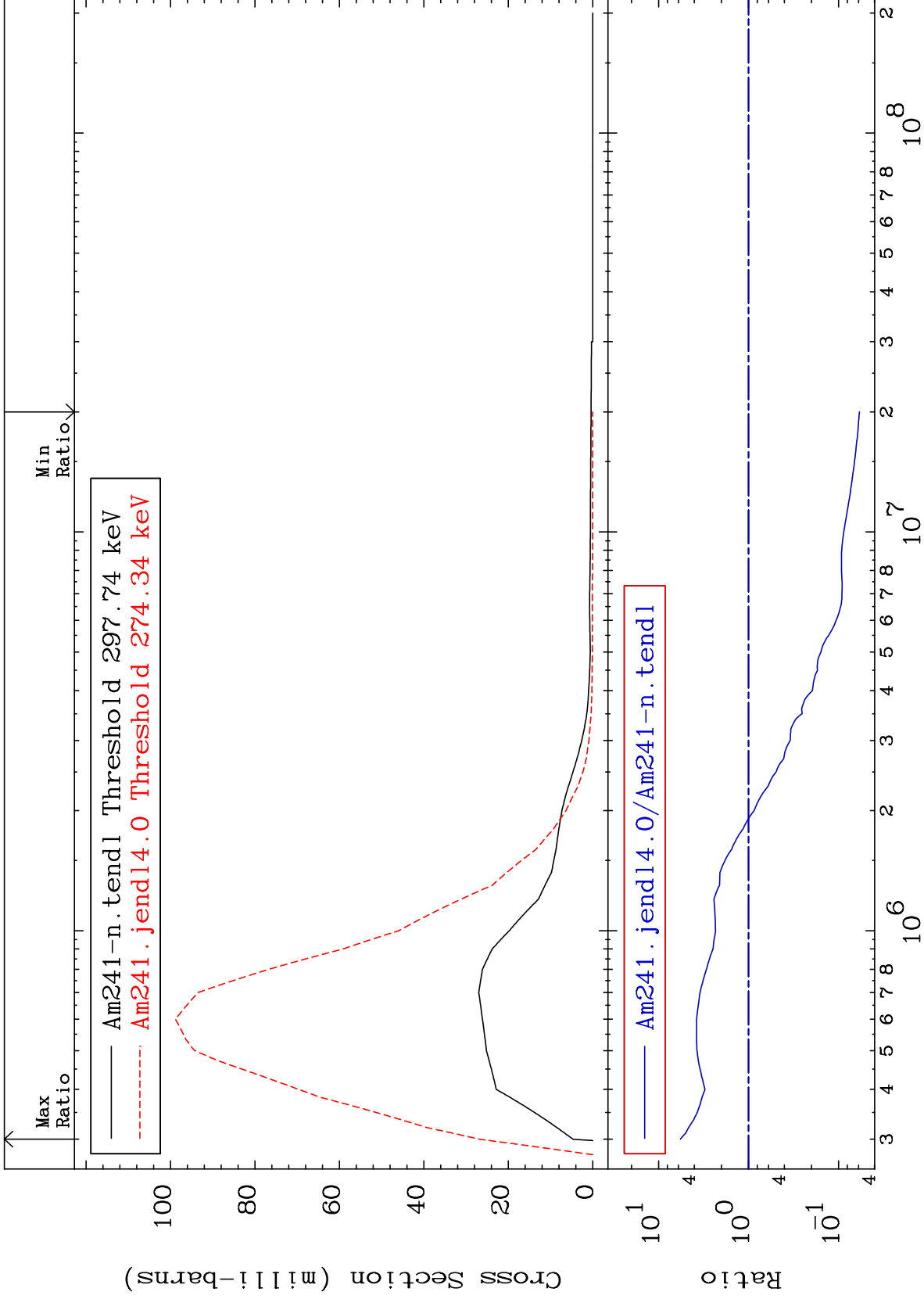
Incident Energy (eV)

95-Am-241

MAT 9543

296.5 keV (n,n') Level
Cross Section

95-Am-241
-94.13 To 472.6 %



19

Incident Energy (eV)

95-Am-241

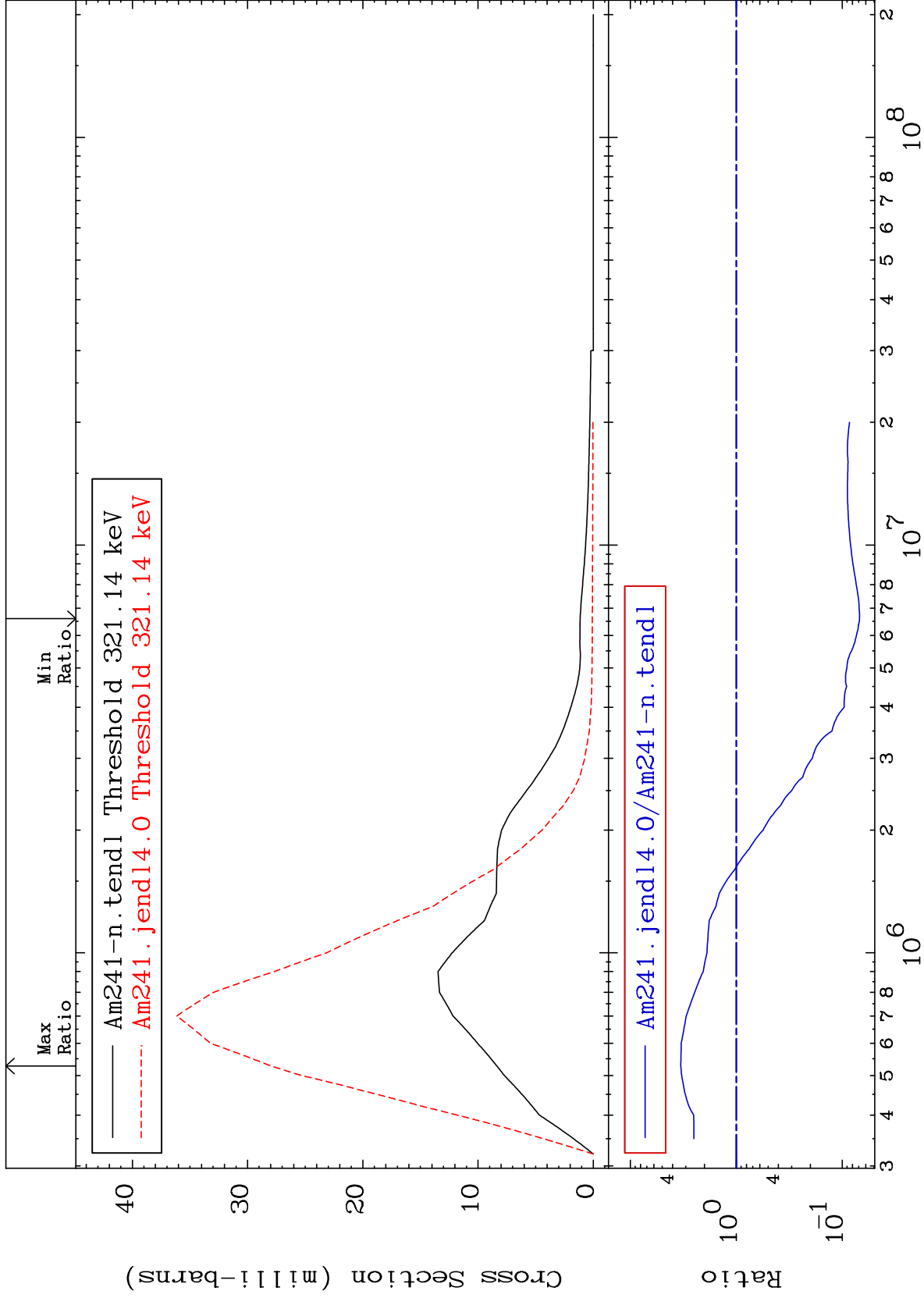
MAT 9543

319.8 keV (n,n') Level

95-Am-241

-93.13 To 234.3 %

Cross Section



20

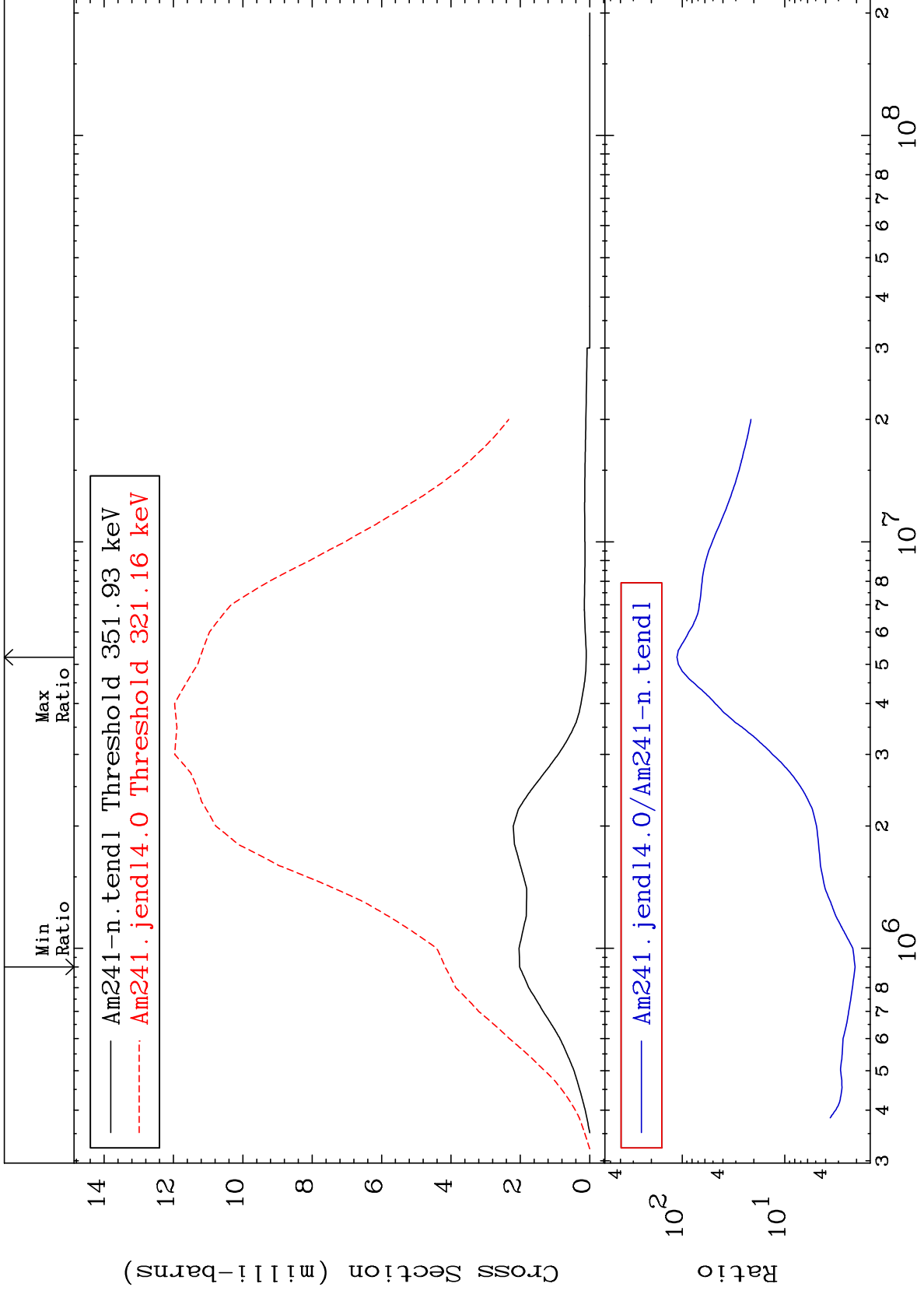
Incident Energy (eV)

95-Am-241

MAT 9543

350.5 keV (n,n') Level
Cross Section

95-Am-241
106.2 To 9999. %



21

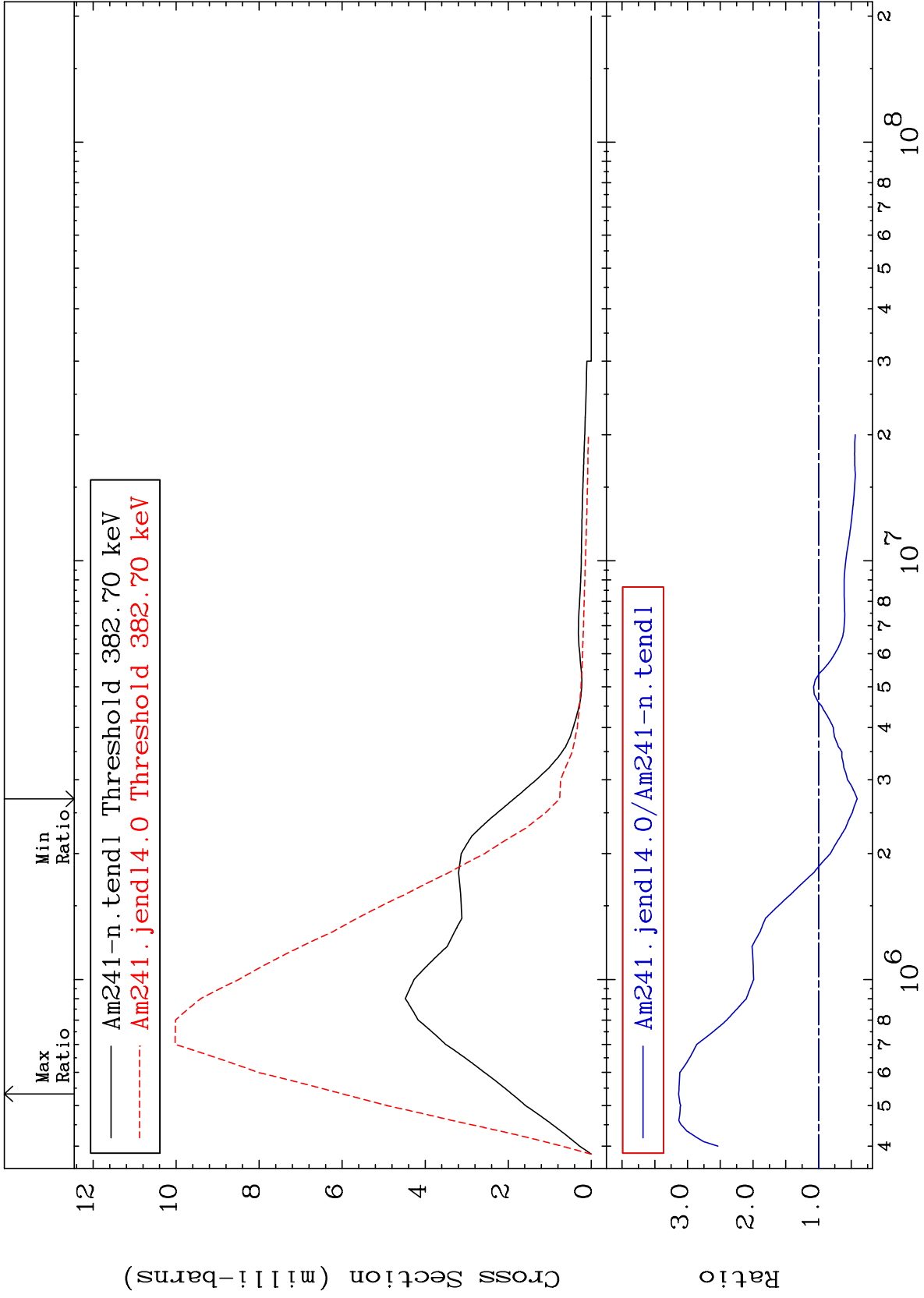
Incident Energy (eV)

95-Am-241

MAT 9543

381.1 keV (n,n') Level
Cross Section

95-Am-241
-59.19 To 213.6 %



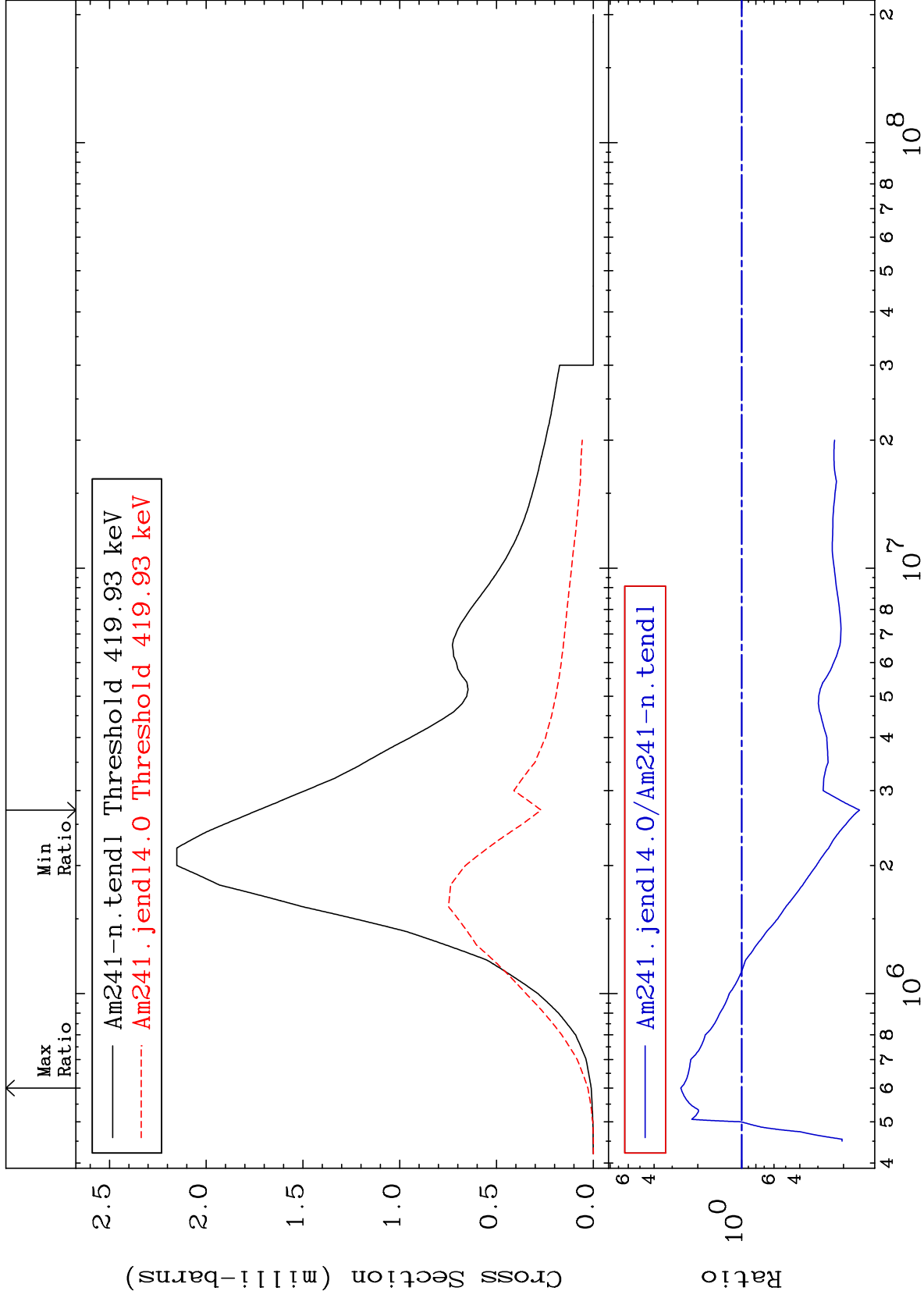
MAT 9543

418.2 keV (n,n') Level

95-Am-241

Cross Section

-84.47 To 162.0 %



23

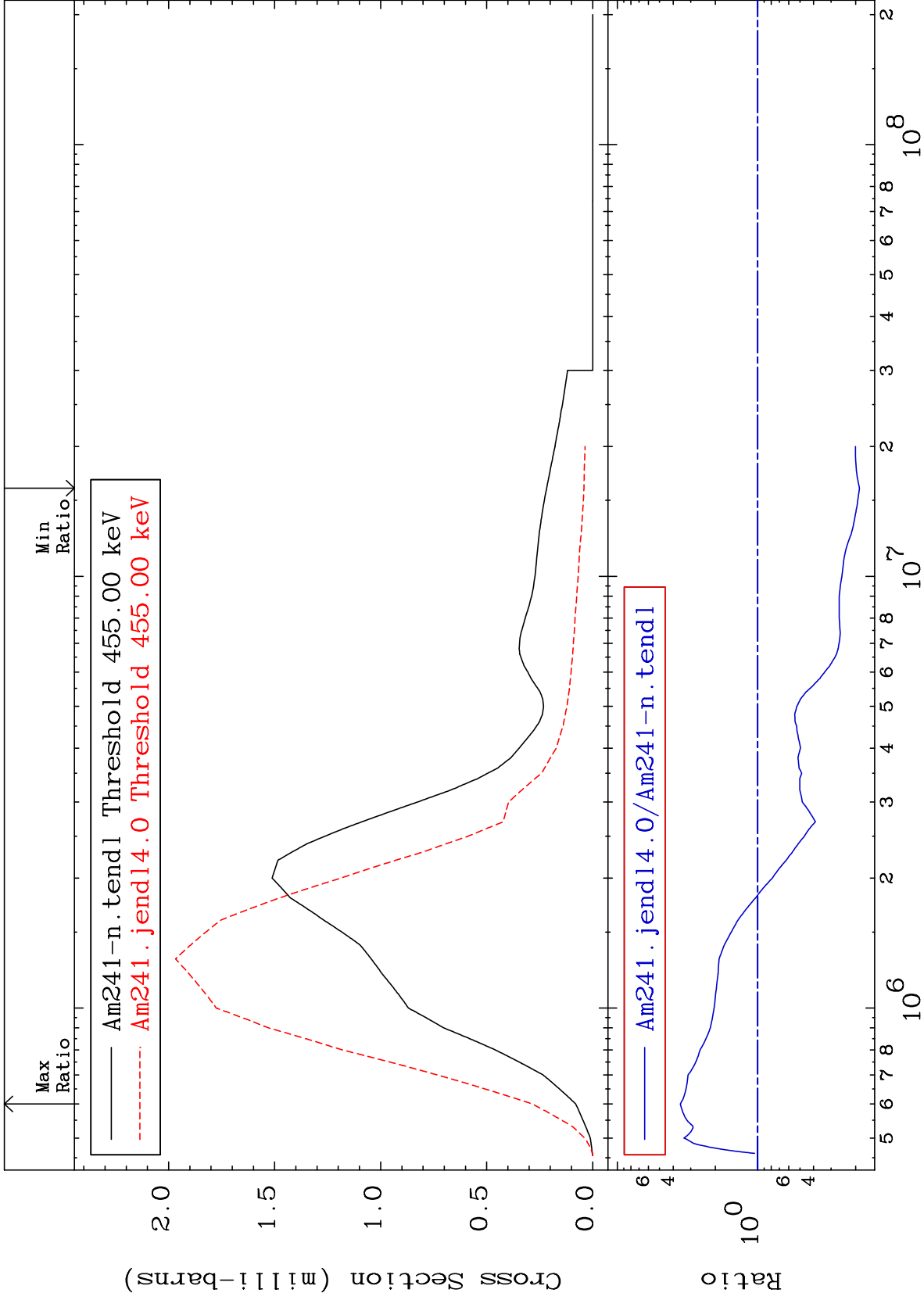
Incident Energy (eV)

95-Am-241

MAT 9543

453.1 keV (n,n') Level
Cross Section

95-Am-241
-81.17 To 255.4 %



24

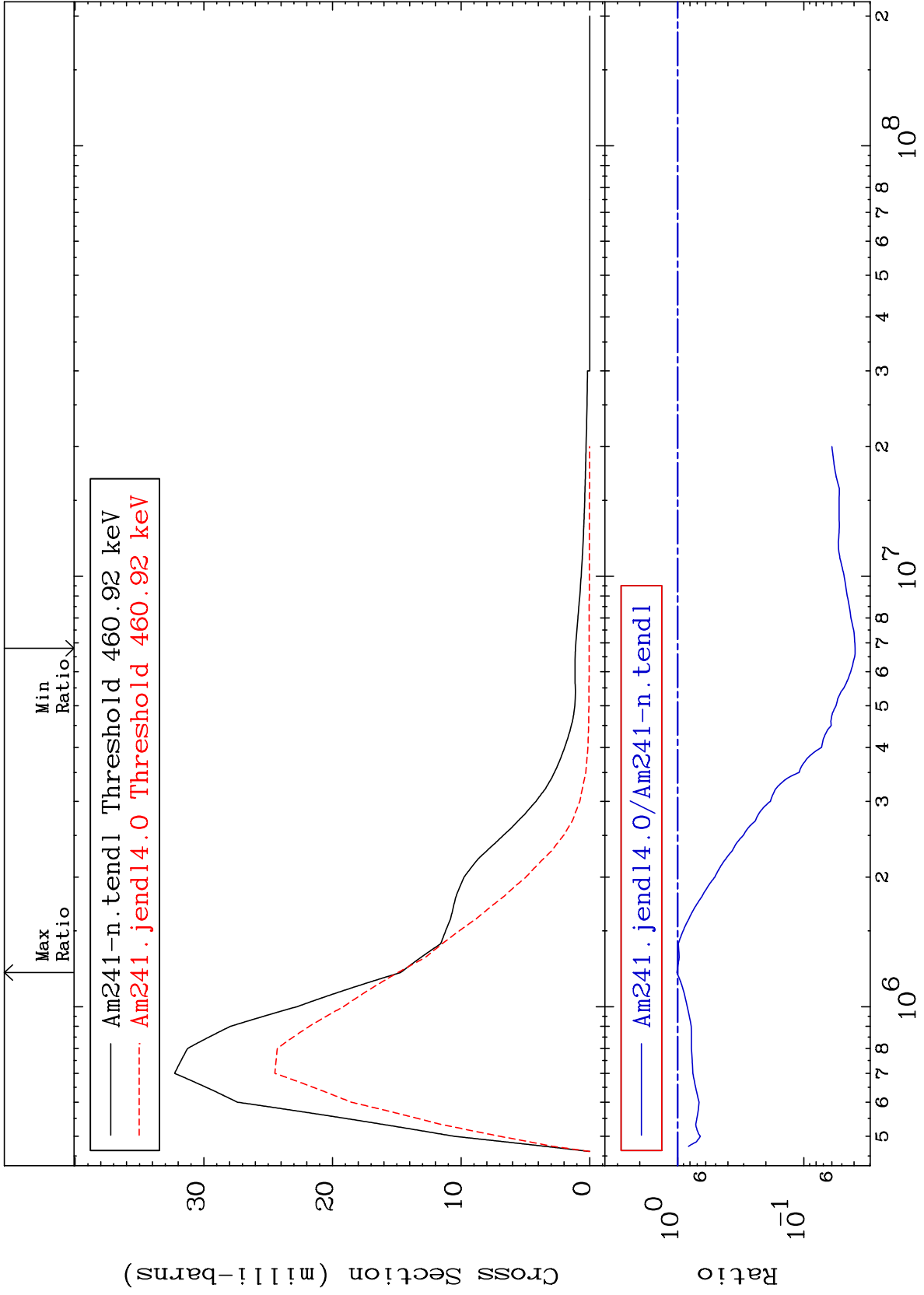
Incident Energy (eV)

95-Am-241

MAT 9543

459.0 keV (n,n') Level
Cross Section

95-Am-241
-96.08 To 1.396 %



25

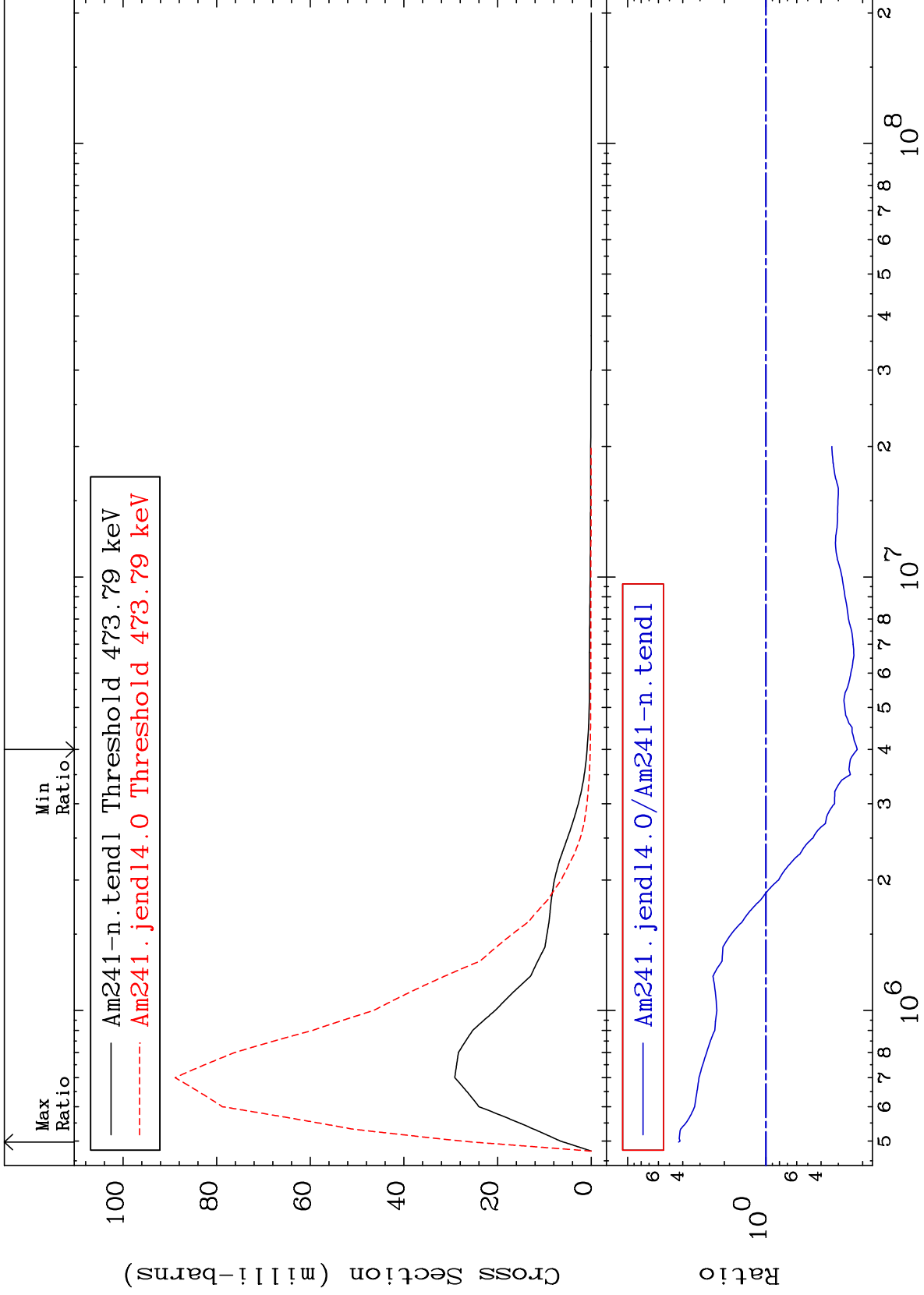
Incident Energy (eV)

95-Am-241

MAT 9543

471.8 keV (n,n') Level
Cross Section

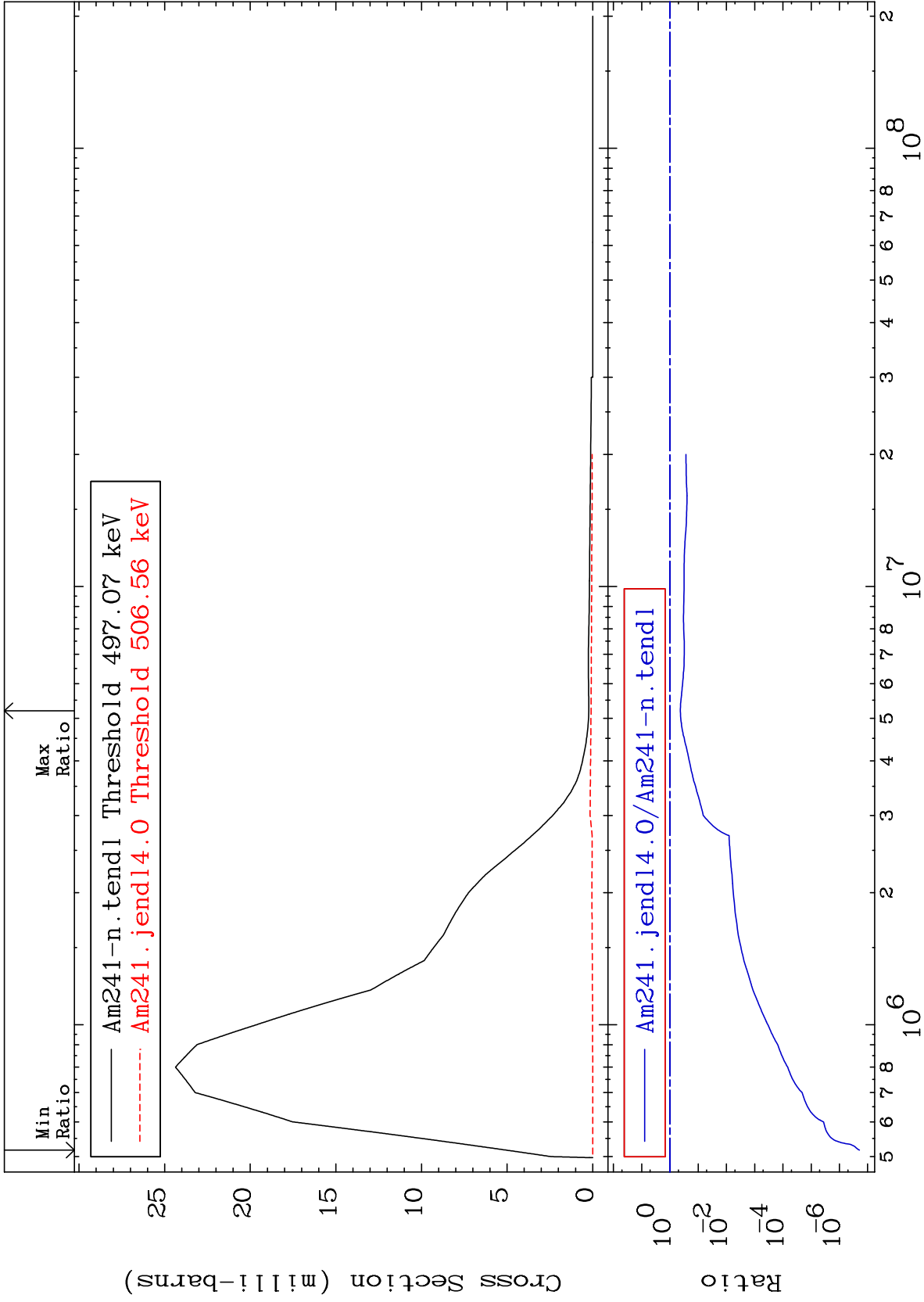
95-Am-241
-78.09 To 328.4 %



MAT 9543

495.0 keV (n,n') Level
Cross Section

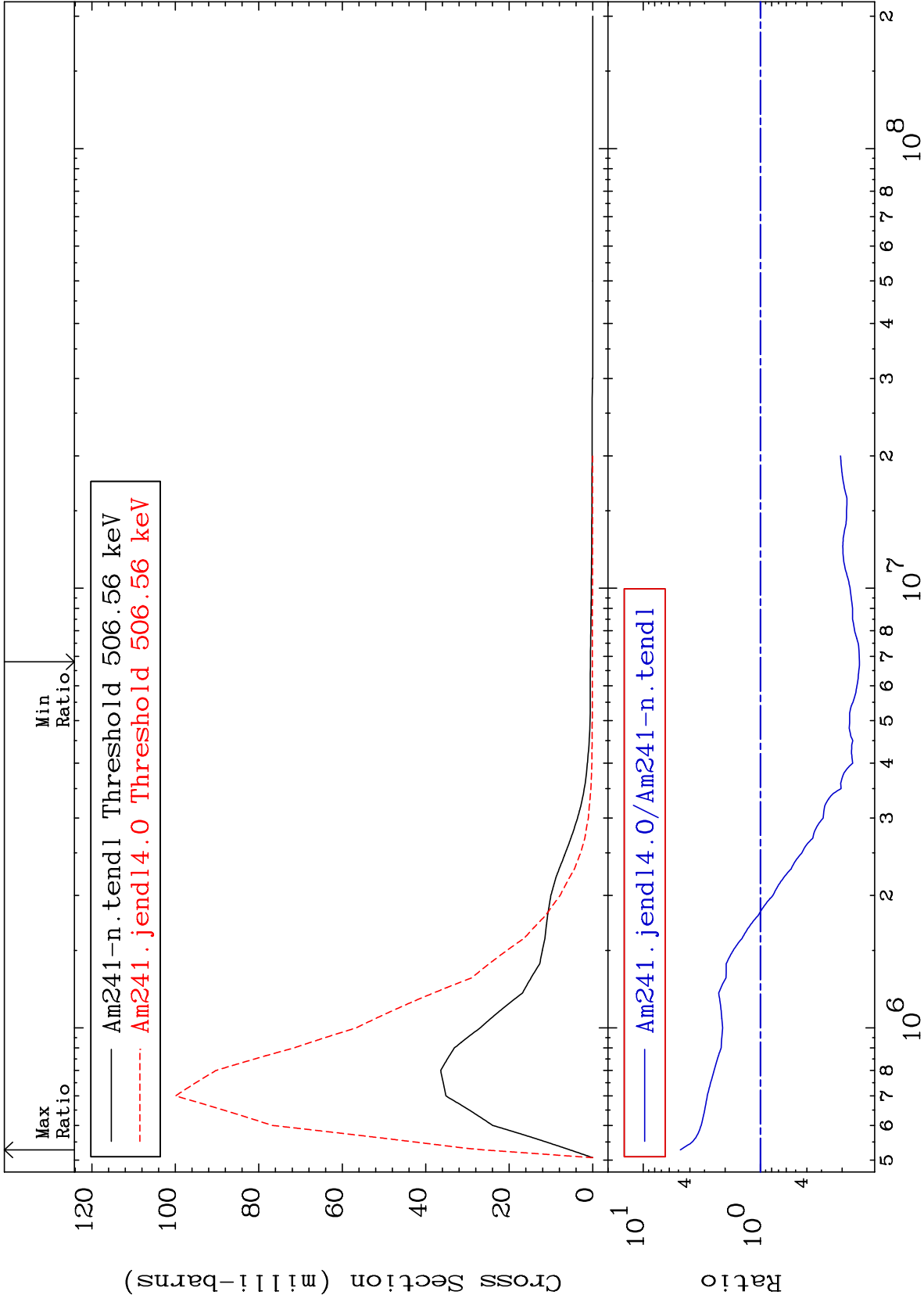
95-Am-241
-100.0 To -57.28%



MAT 9543

504.5 keV (n,n') Level
Cross Section

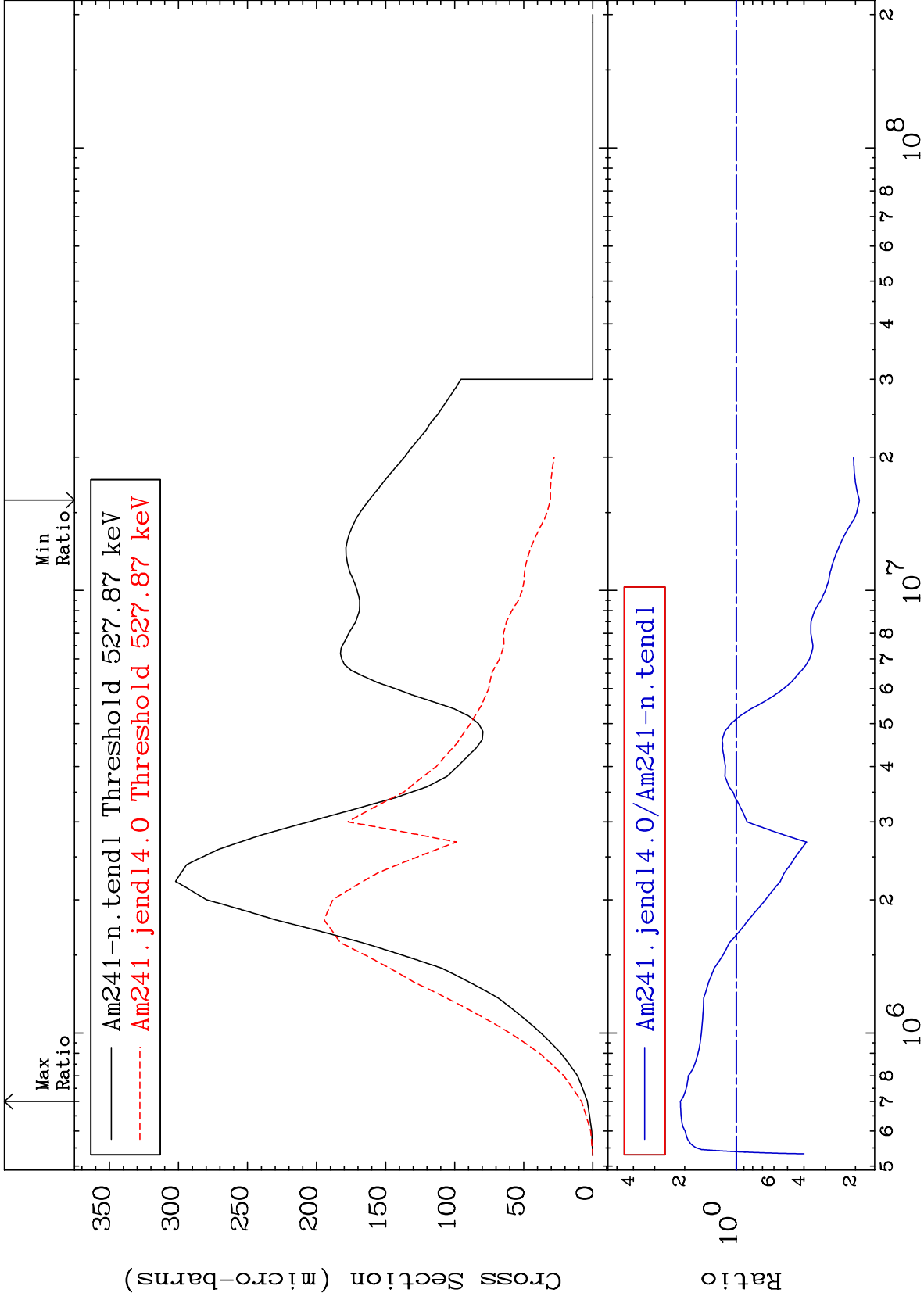
95-Am-241
-85.75 To 381.8 %



MAT 9543

525.7 keV (n,n') Level
Cross Section

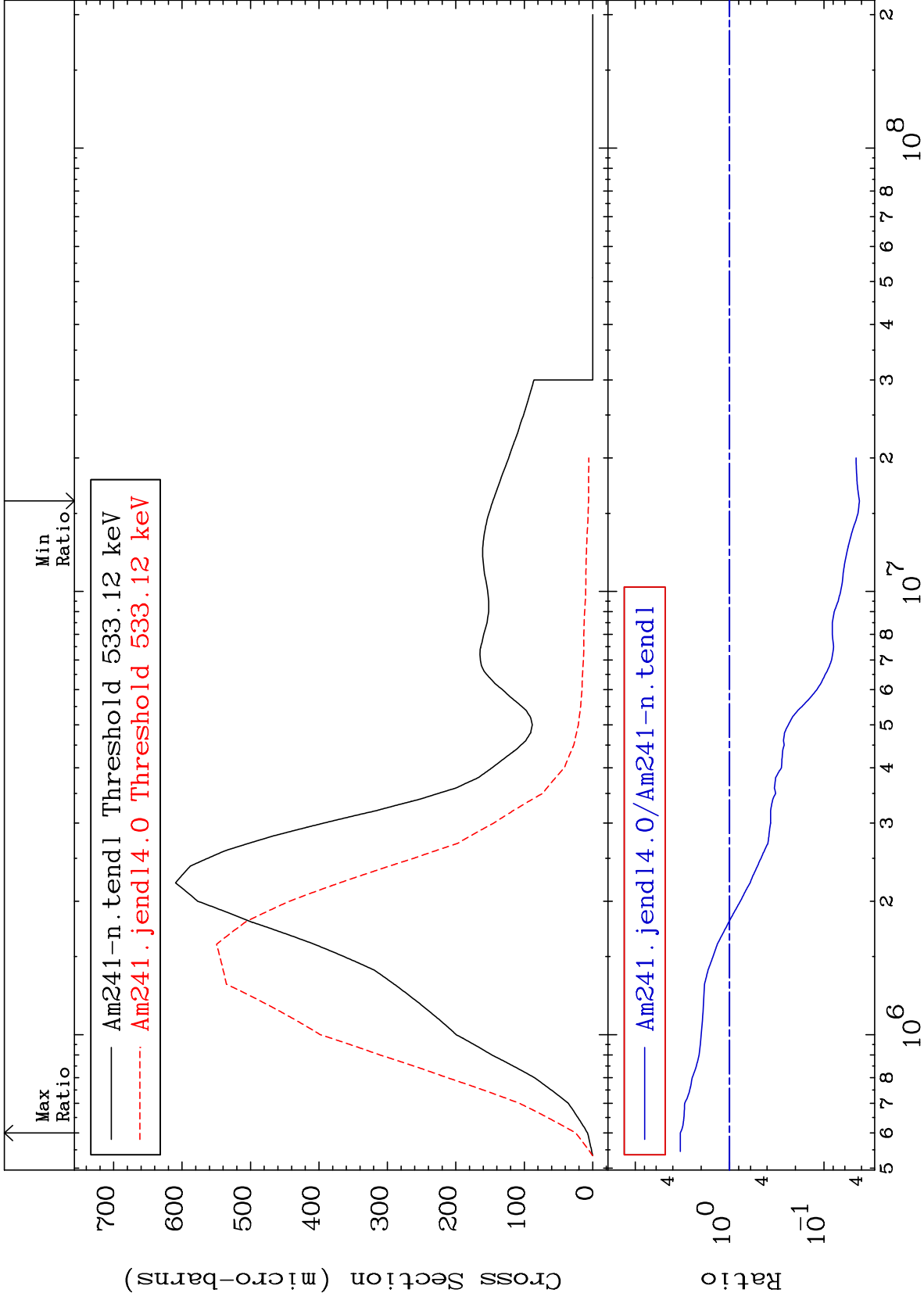
95-Am-241
-81.06 To 112.2 %



MAT 9543

530.9 keV (n,n') Level
Cross Section

95-Am-241
-95.80 To 232.5 %



30

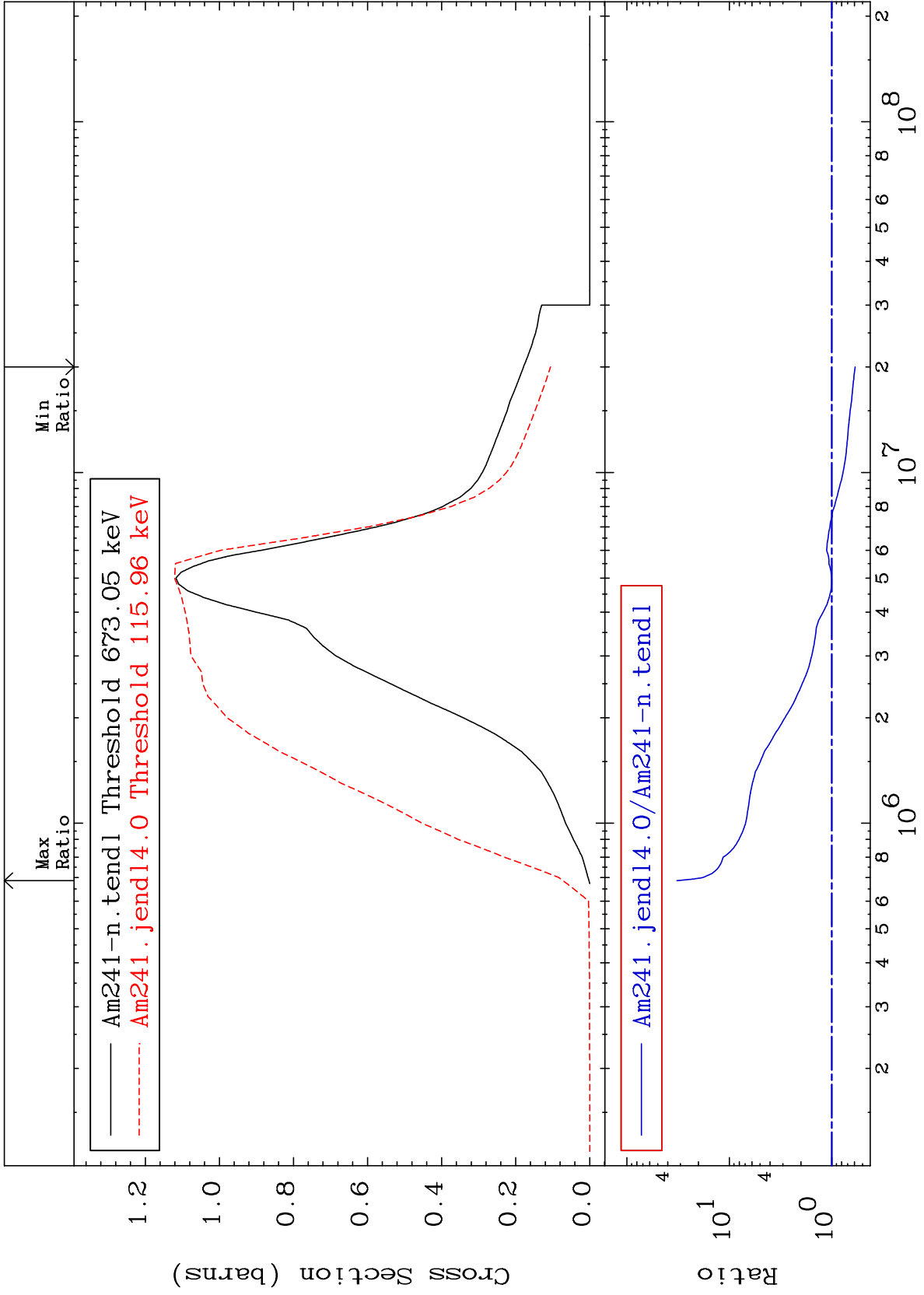
Incident Energy (eV)

95-Am-241

MAT 9543

(n, n') Continuum
Cross Section

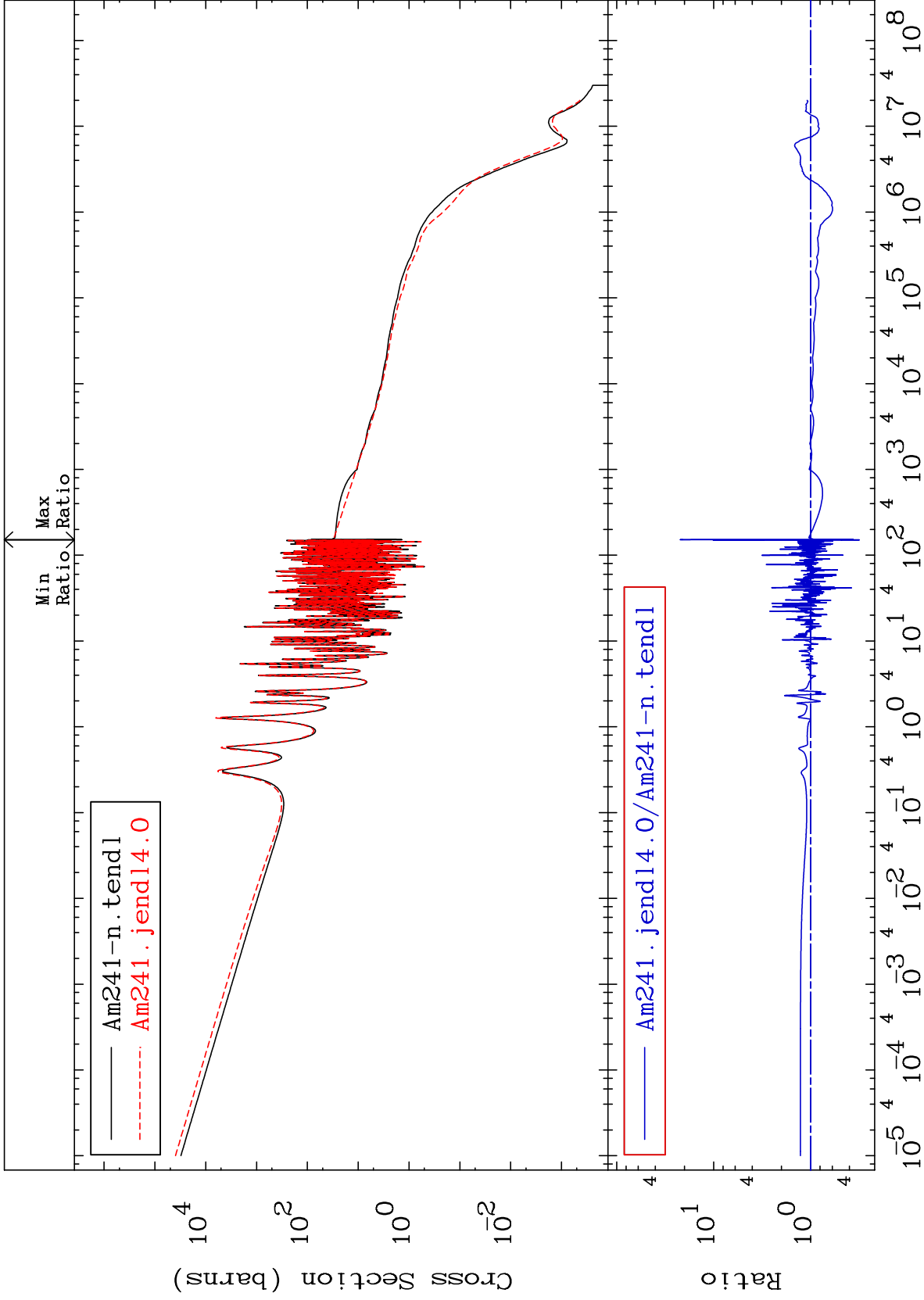
95-Am-241
-40.84 To 3150. %



MAT 9543

(n, γ)
Cross Section

95-Am-241
-68.53 To 2106. %



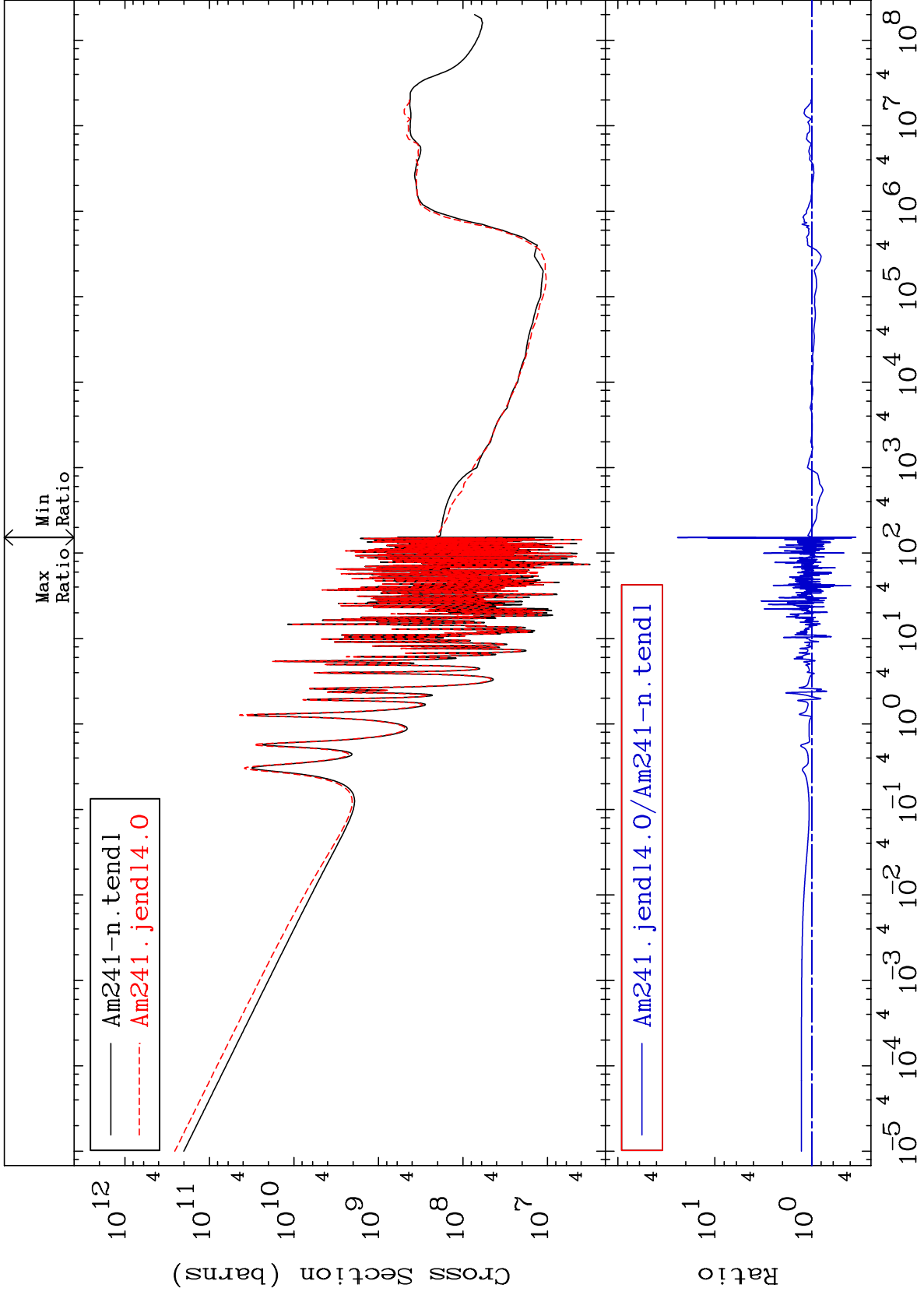
MAT 9543

Kerma total (eV-barns)

95-Am-241

-64.91 To 2329. %

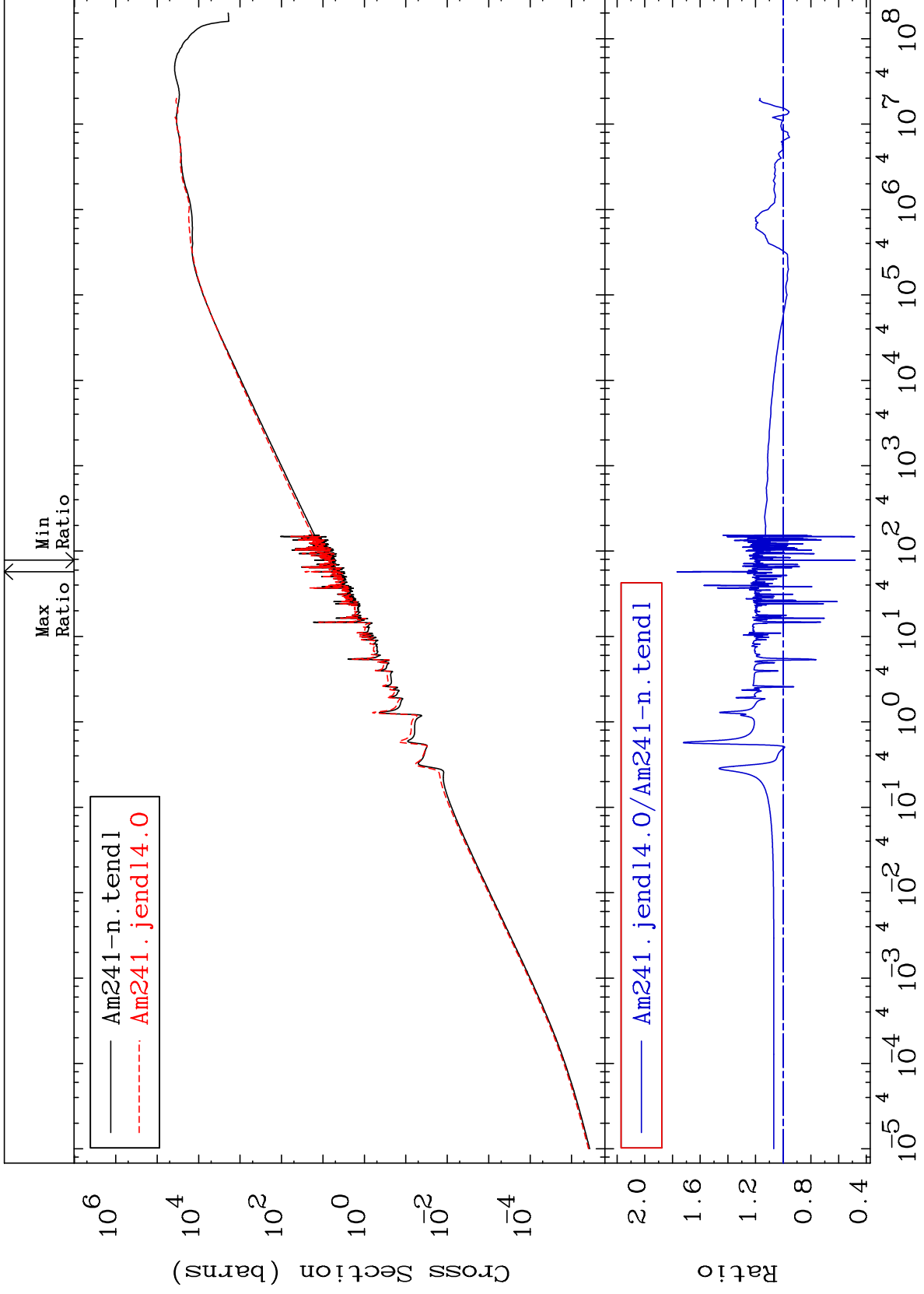
Cross Section



MAT 9543

Kerma elastic
Cross Section

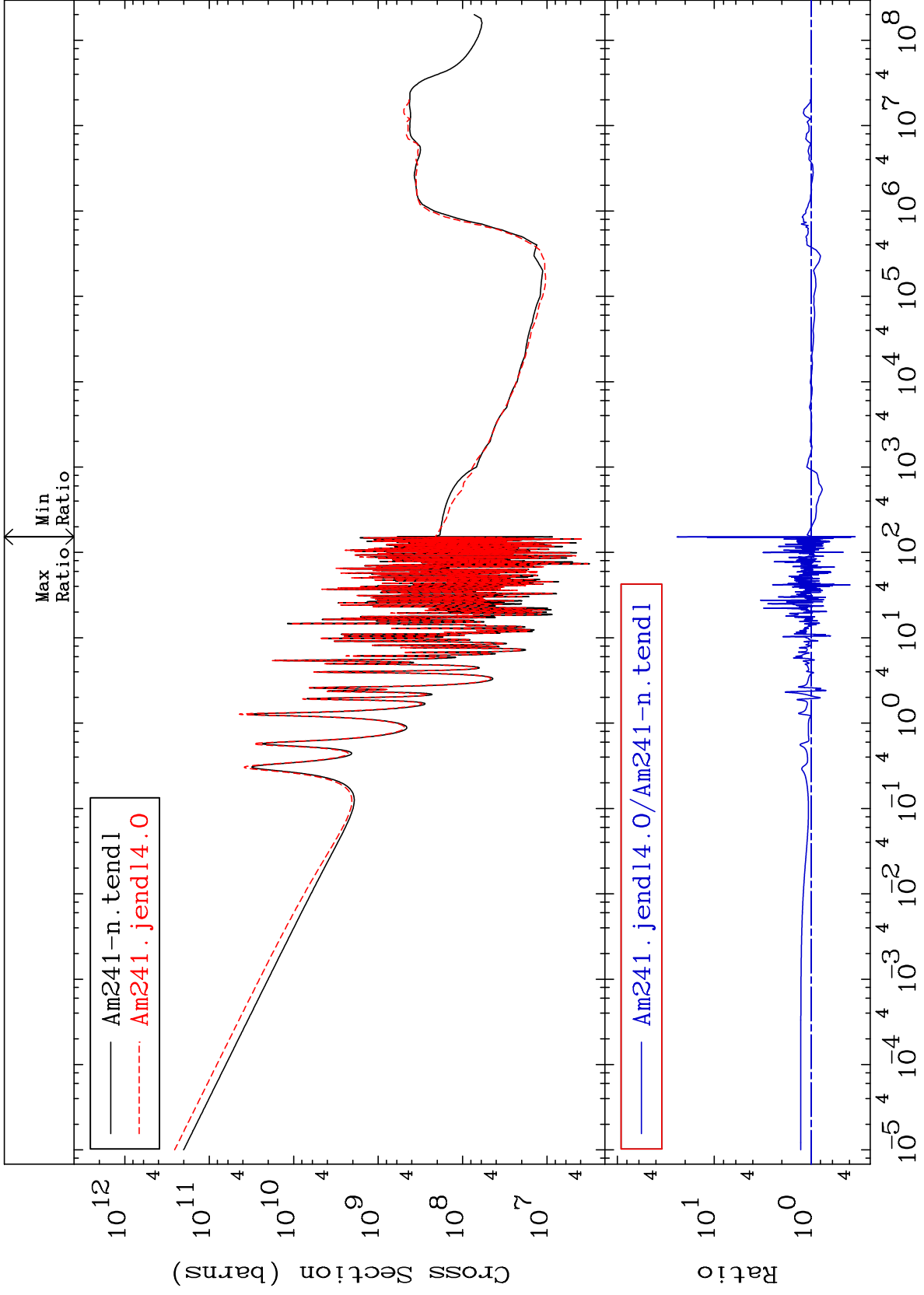
95-Am-241
-51.89 To 76.80 %

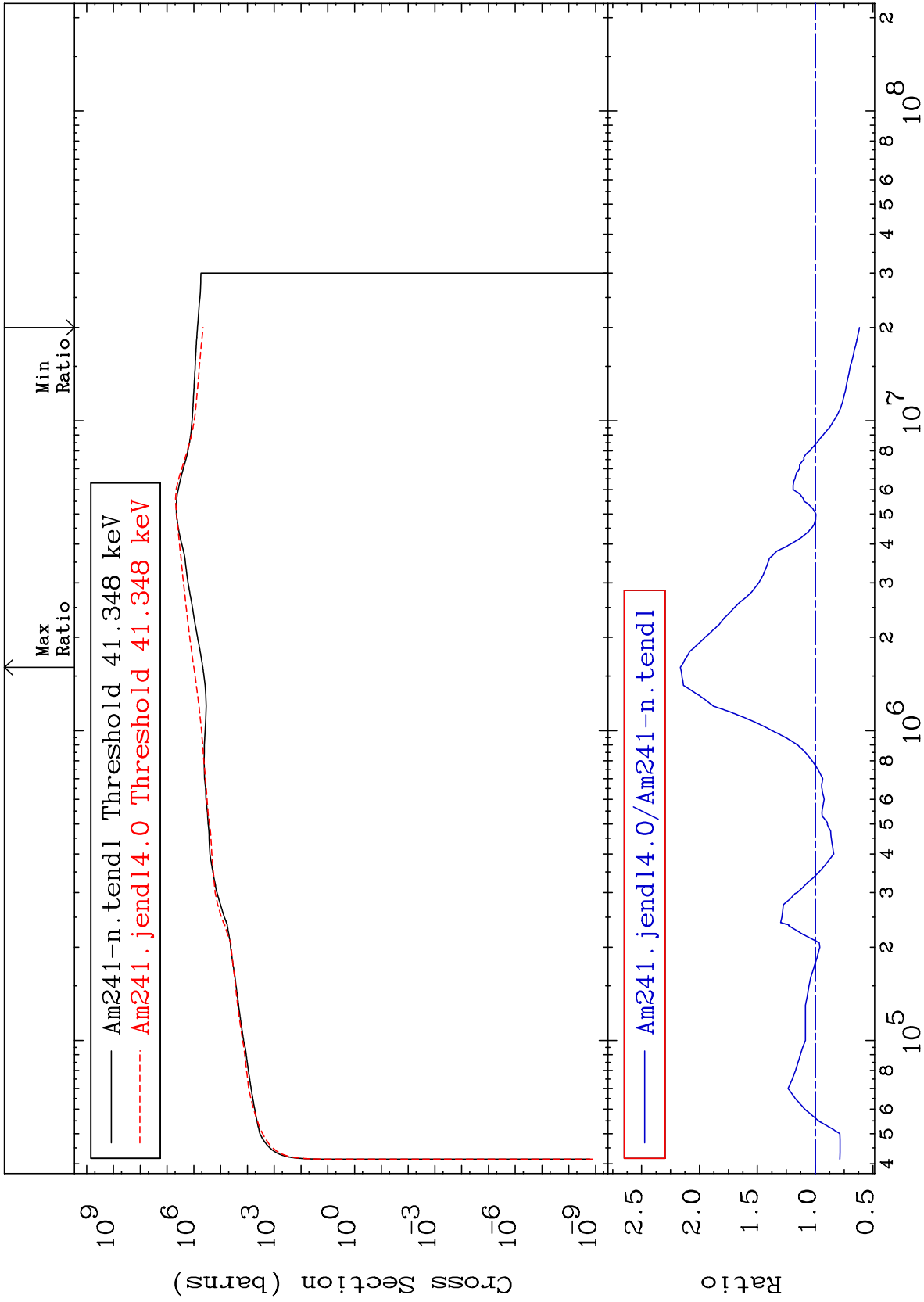


MAT 9543

Kerma non-elastic (all but mt2)
Cross Section

95-Am-241
-64.91 To 2329. %

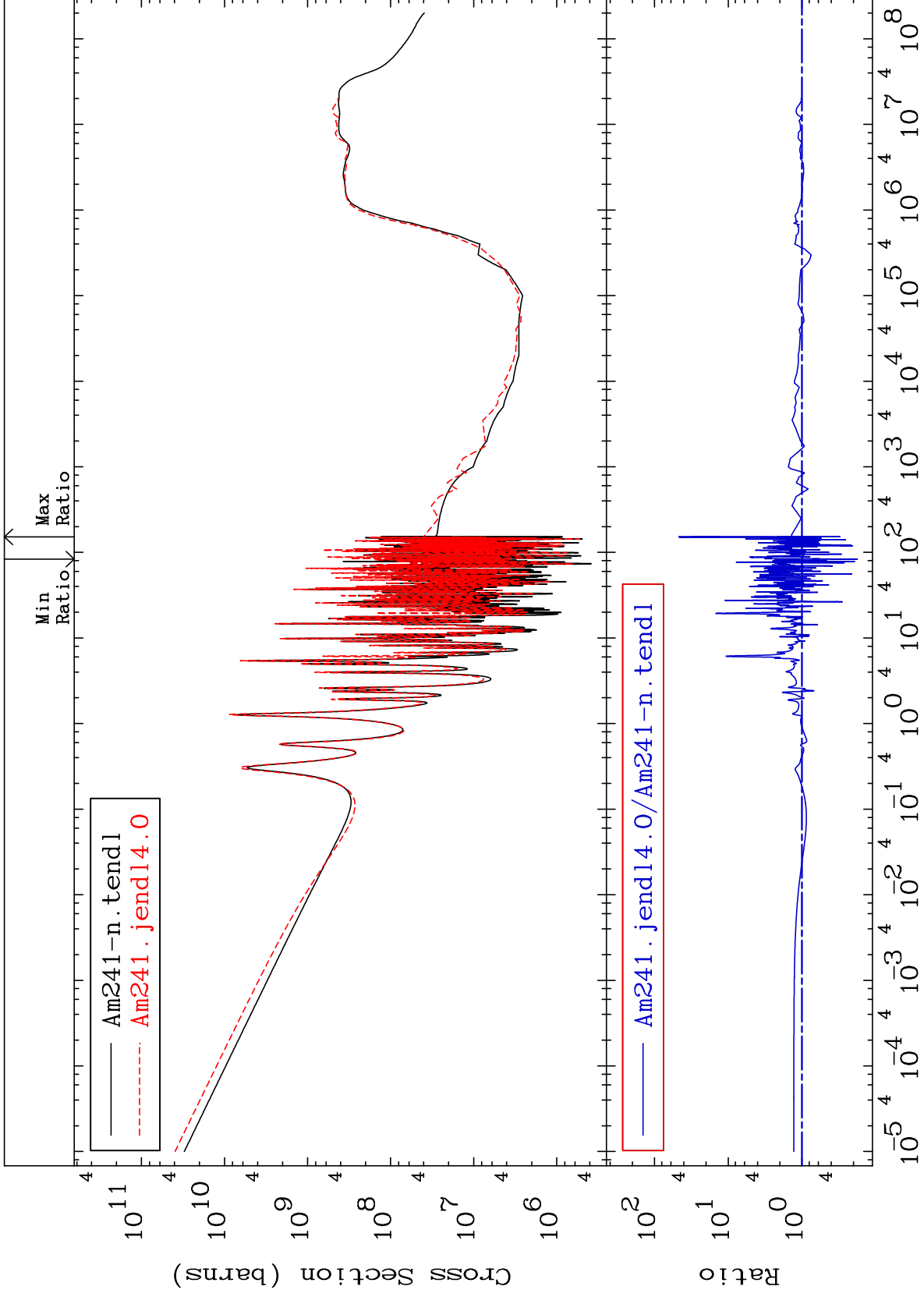




MAT 9543

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

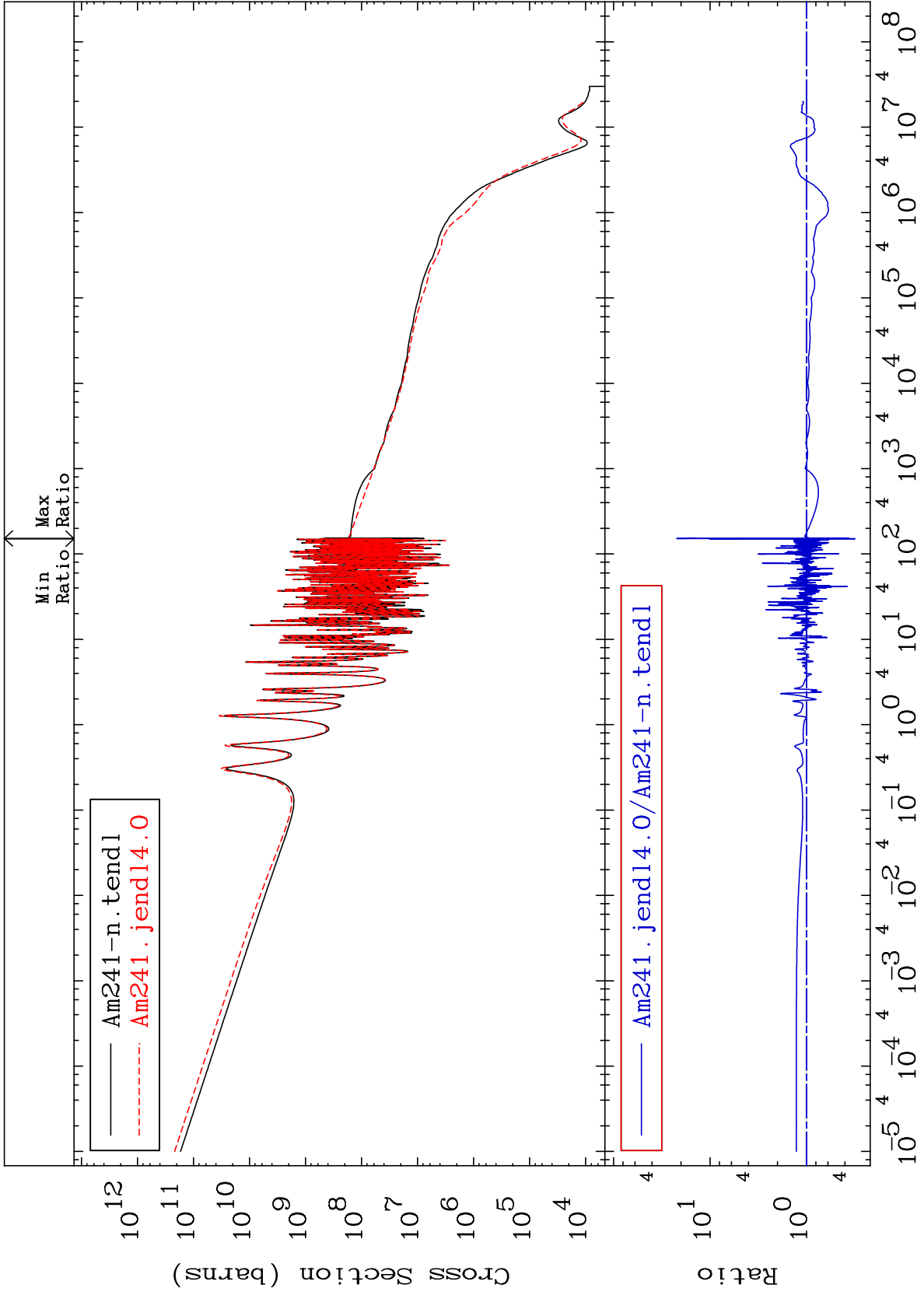
95-Am-241
-82.21 To 4613. %



MAT 9543

Kerma capture (mt102)
Cross Section

95-Am-241
-68.57 To 2103. %

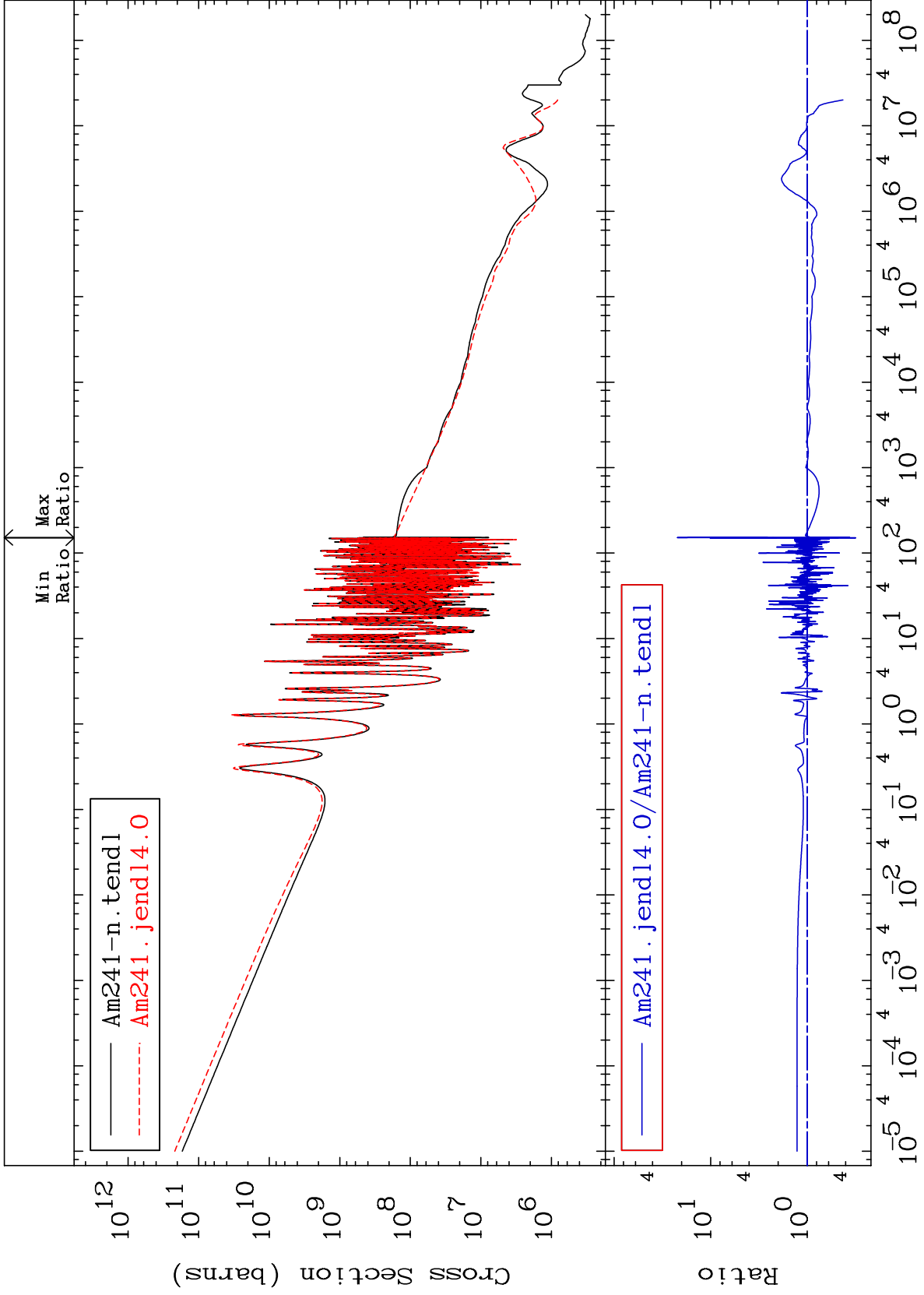


MAT 9543

Total photon (eV-barns)

95-Am-241

-68.57 To 2103. %



39

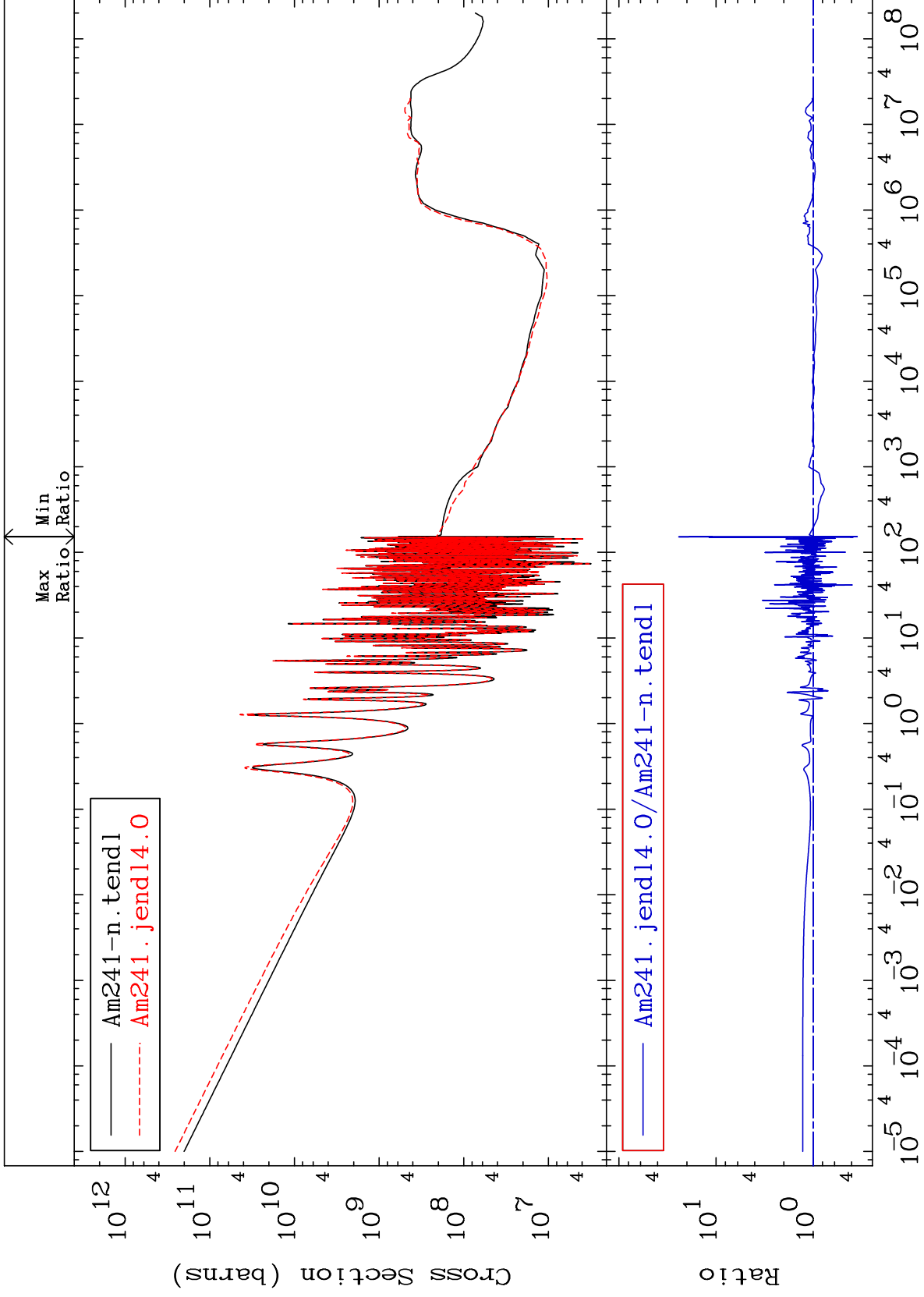
Incident Energy (eV)

95-Am-241

MAT 9543

Total kinematic kerma (high limit)
Cross Section

95-Am-241
-64.91 To 2329. %



40

Incident Energy (eV)

95-Am-241

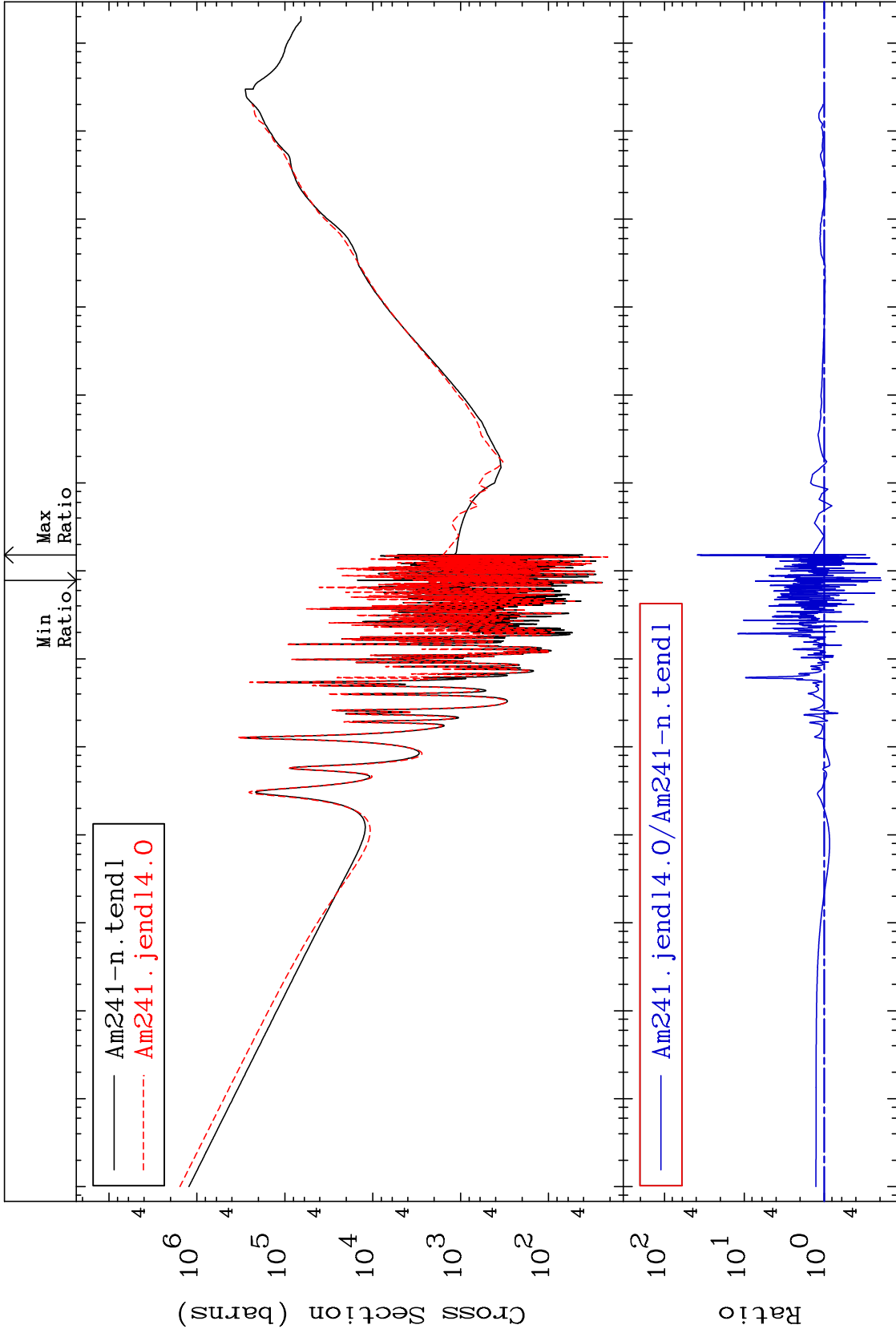
MAT 9543

Dpa total (eV-barns)

95-Am-241

-80.66 To 3760. %

Cross Section



41

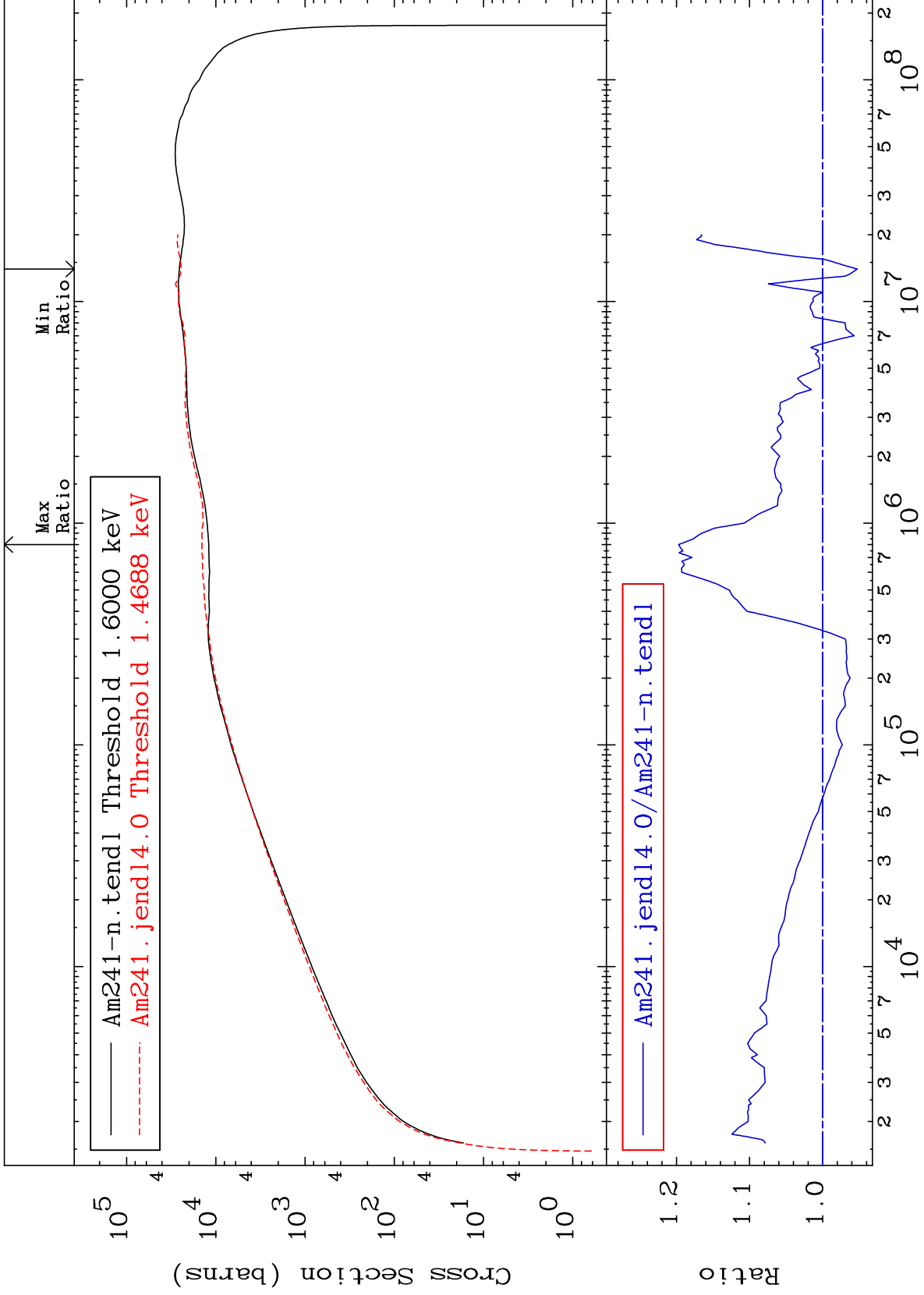
Incident Energy (eV)

95-Am-241

MAT 9543

Dpa elastic (mt2)
Cross Section

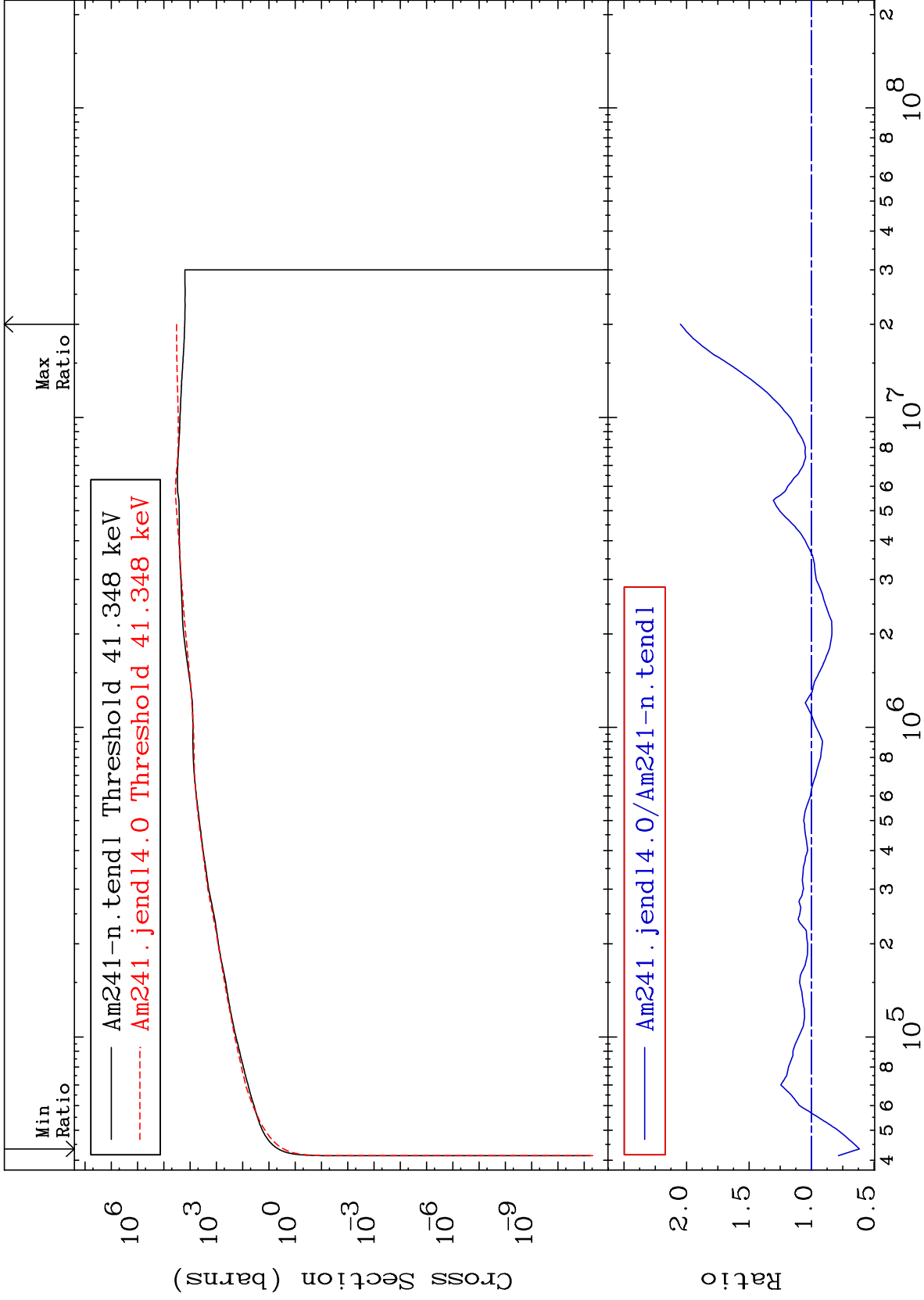
95-Am-241
-4.731 To 19.71 %



MAT 9543

Dpa inelastic (mt51-91)
Cross Section

95-Am-241
-38.29 To 104.9 %



MAT 9543

Dpa disappearance (mt102 -120)
Cross Section

95-Am-241
-100.0 To 291.9 %

