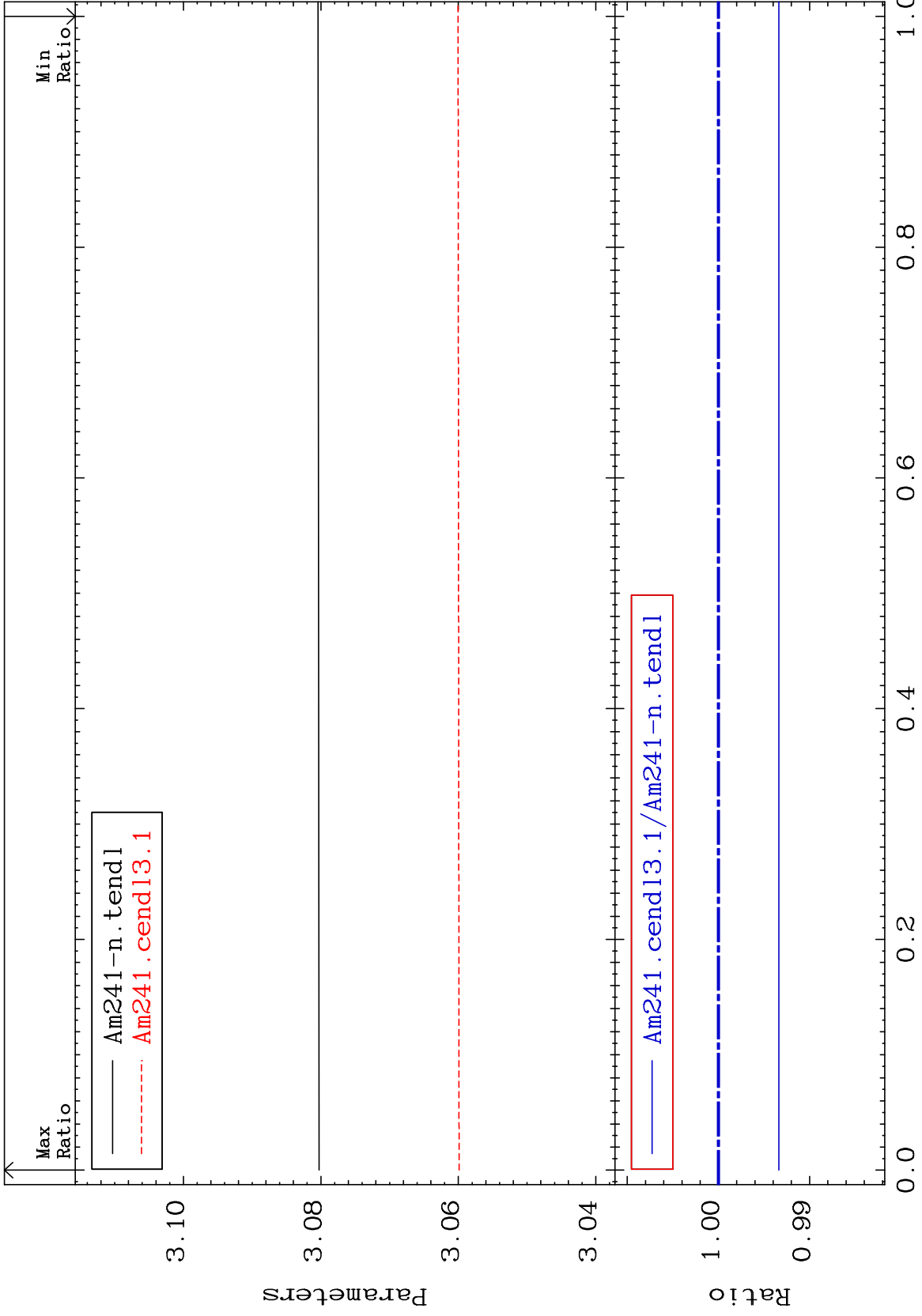


MAT 9543

Total $\bar{\nu}$
Parameters

95-Am-241
-0.662 To -0.661%



Incident Energy (KeV)

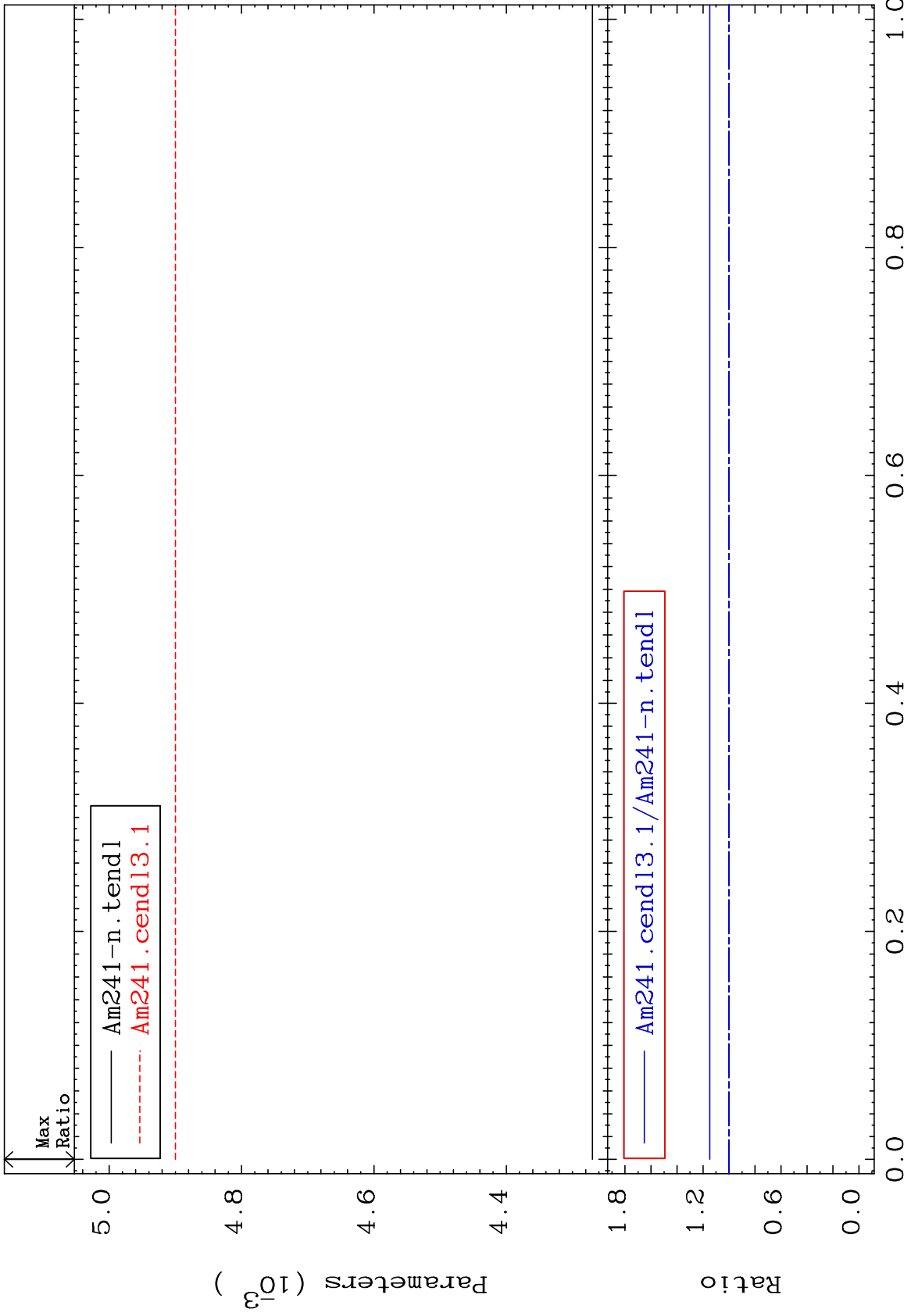
95-Am-241

1

MAT 9543

Delayed $\bar{\nu}$
Parameters

95-Am-241
14.75 To 14.75 %



Incident Energy (KeV)

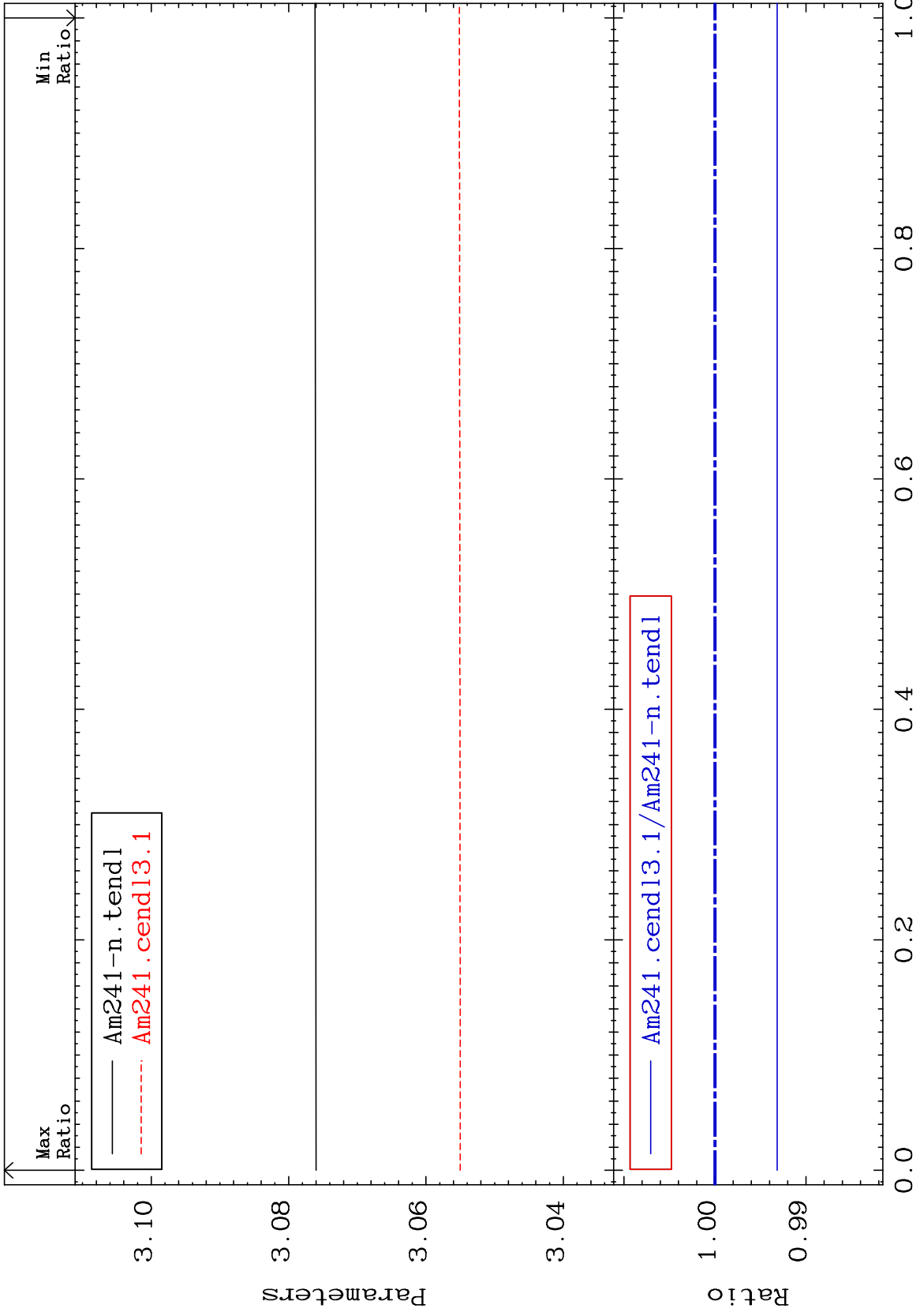
95-Am-241

2

MAT 9543

Prompt $\bar{\nu}$
Parameters

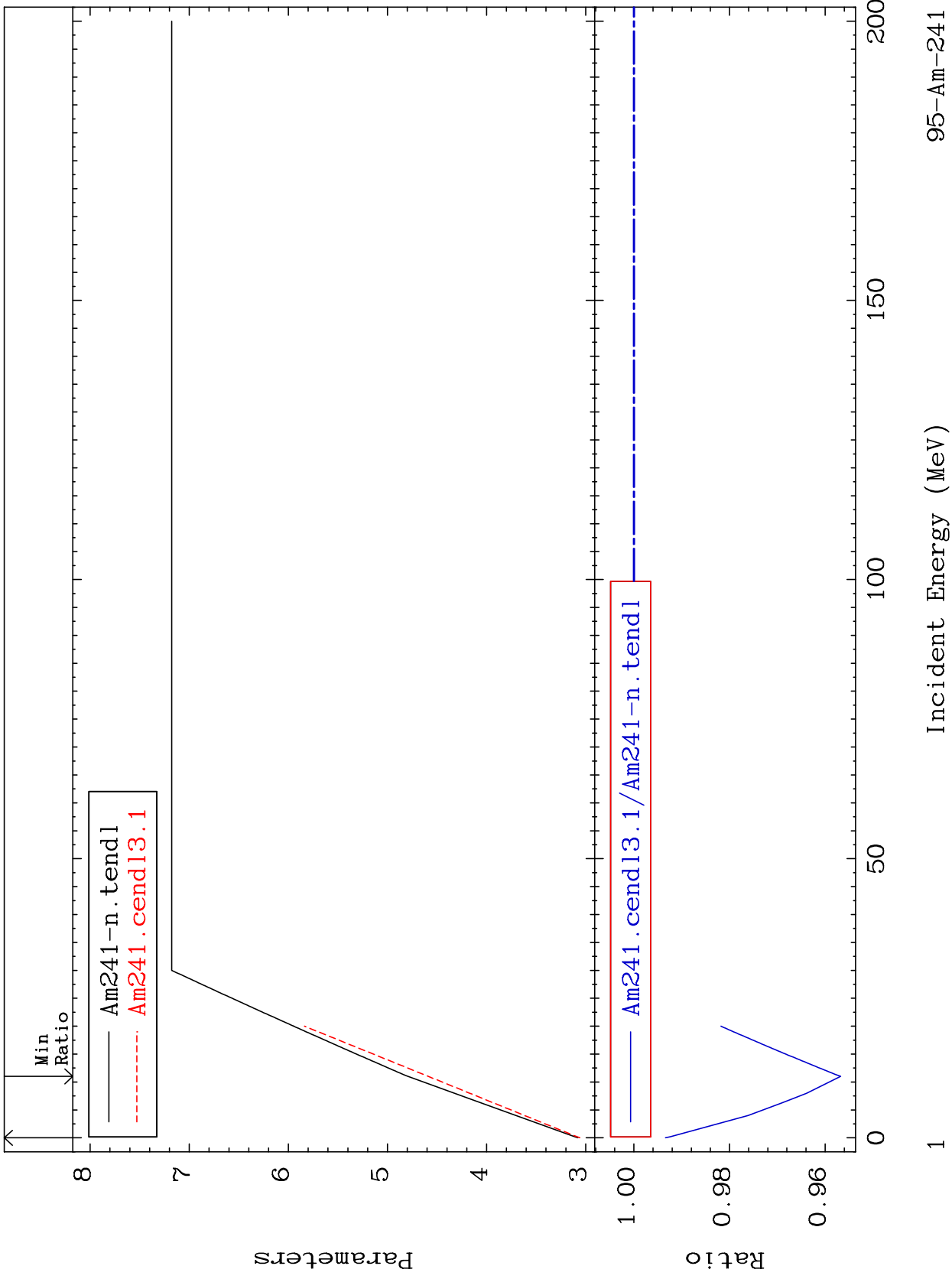
95-Am-241
-0.683 To -0.683%



MAT 9543

Total $\bar{\nu}$
Parameters

95-Am-241
-4.324 To -0.661%



95-Am-241

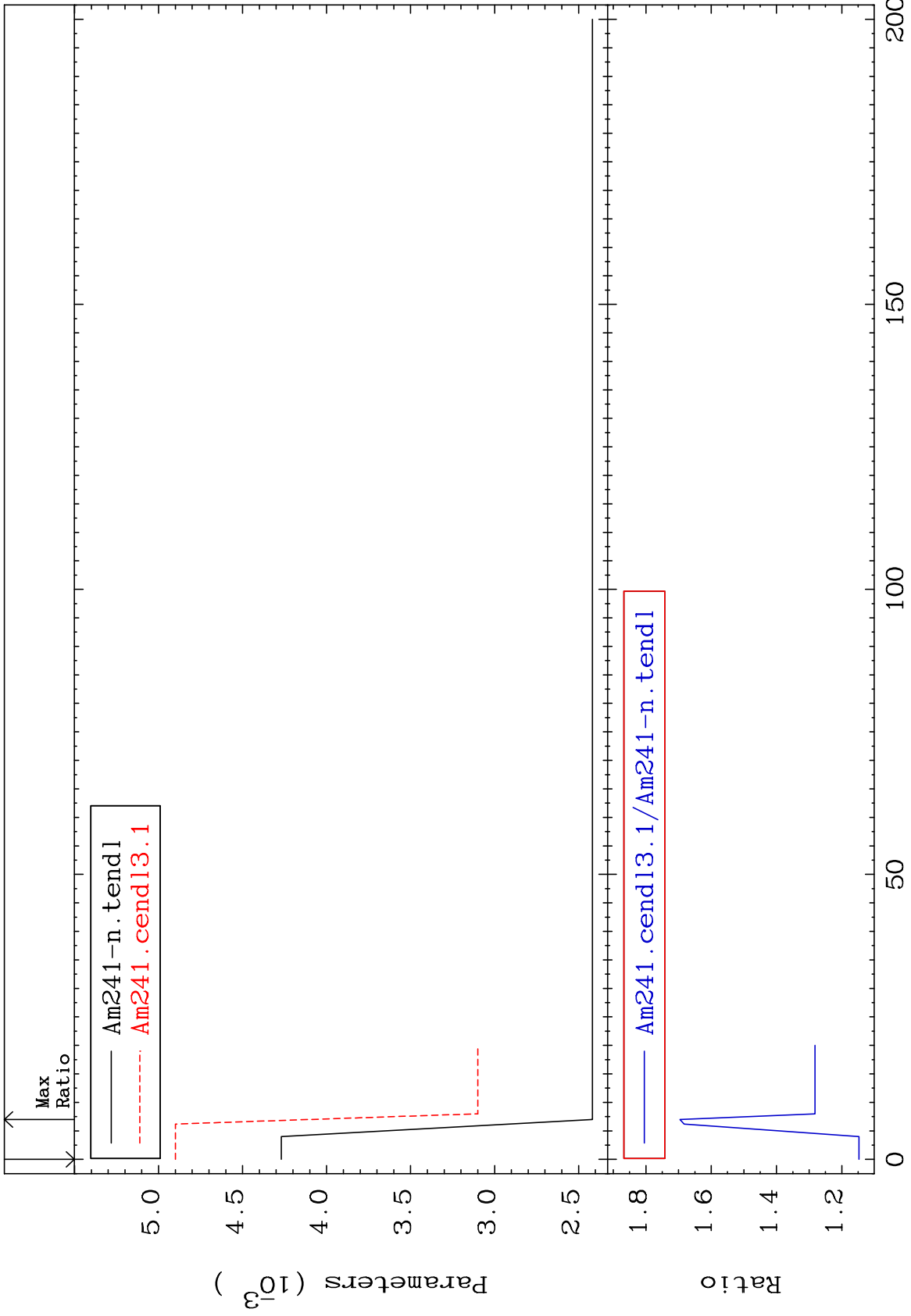
Incident Energy (MeV)

1

MAT 9543

Delayed $\bar{\nu}$
Parameters

95-Am-241
14.75 To 69.56 %



2

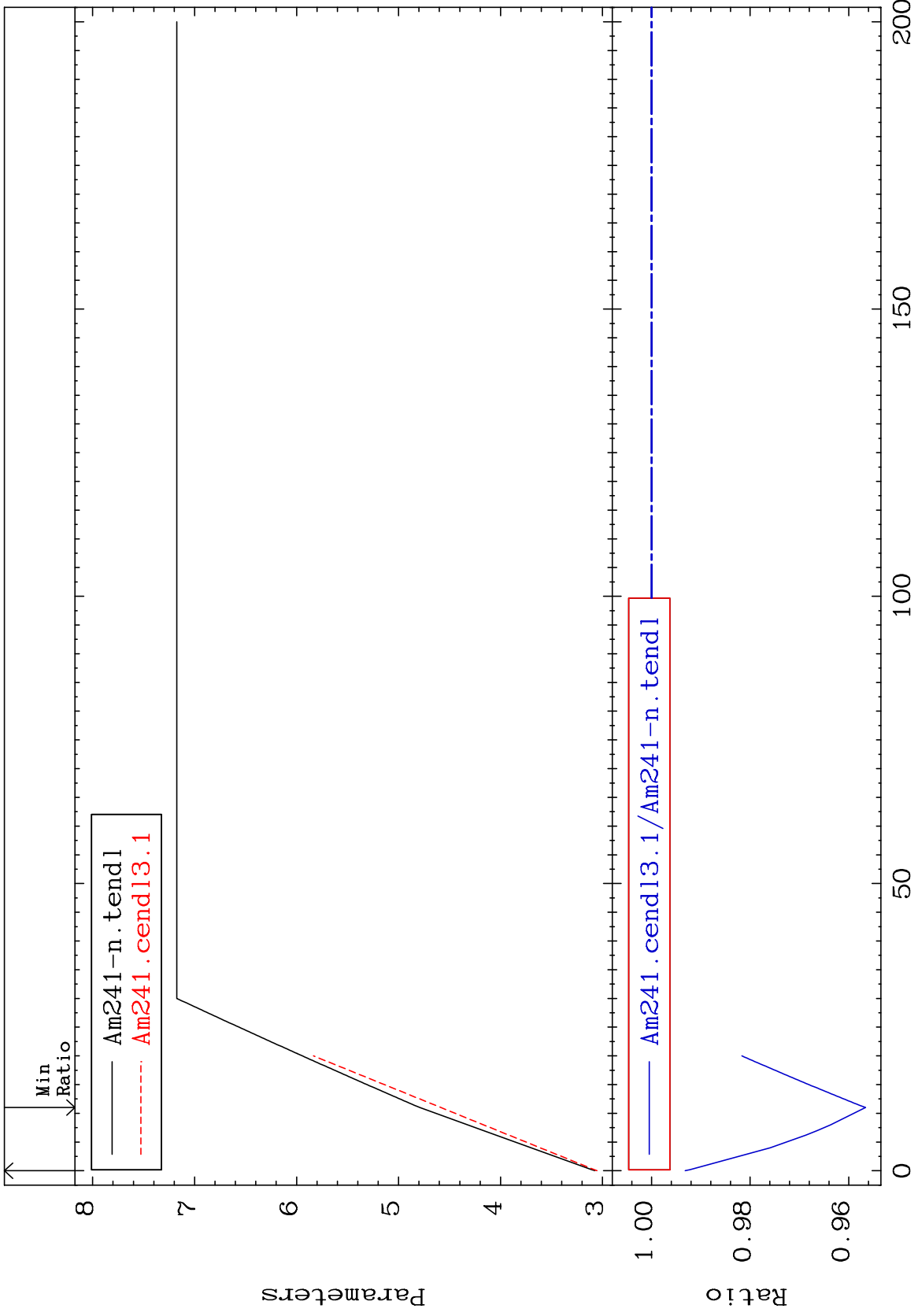
Incident Energy (MeV)

95-Am-241

MAT 9543

Prompt $\bar{\nu}$
Parameters

95-Am-241
-4.341 To -0.683%



Incident Energy (MeV)

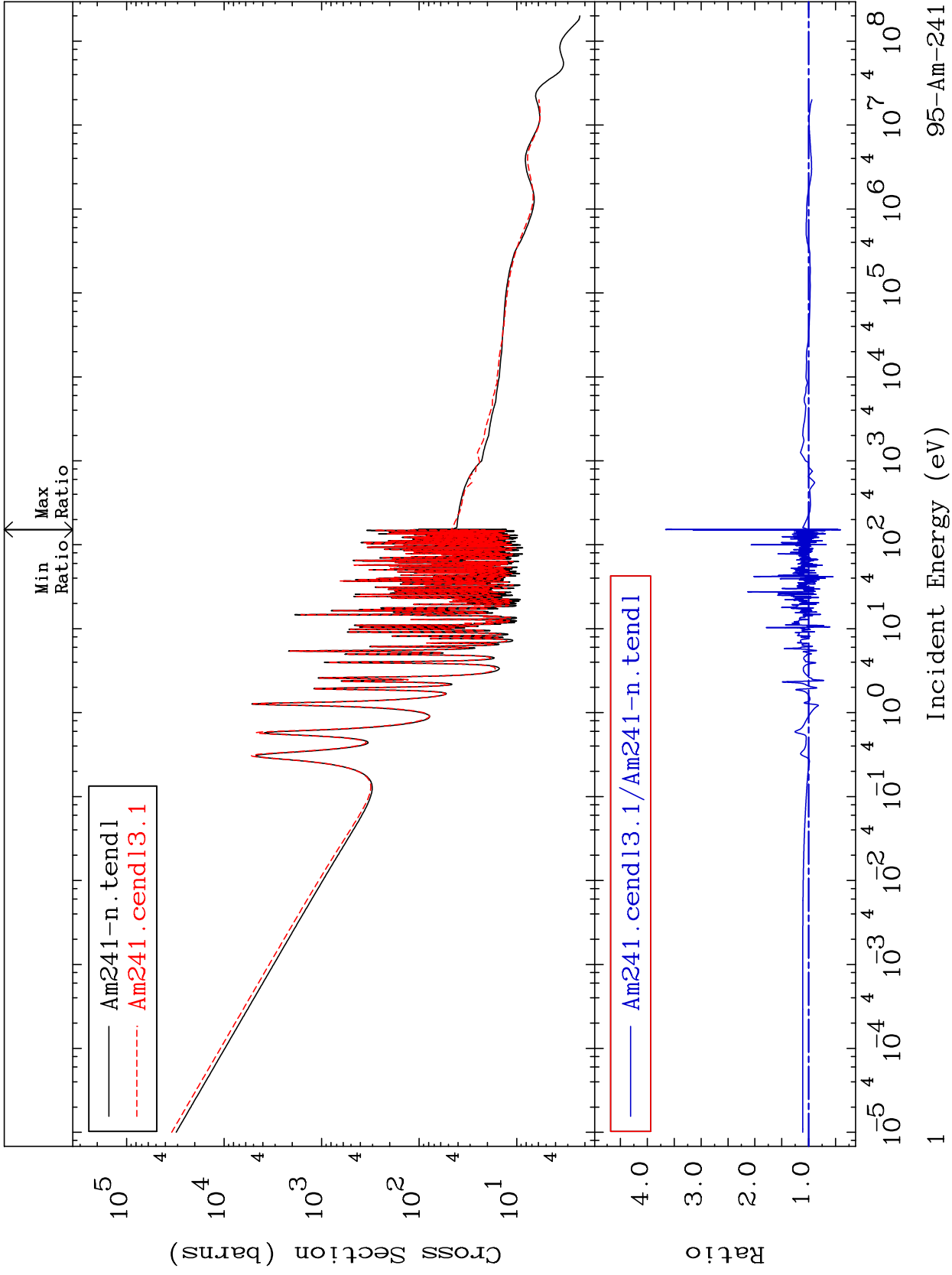
95-Am-241

3

MAT 9543

Total
Cross Section

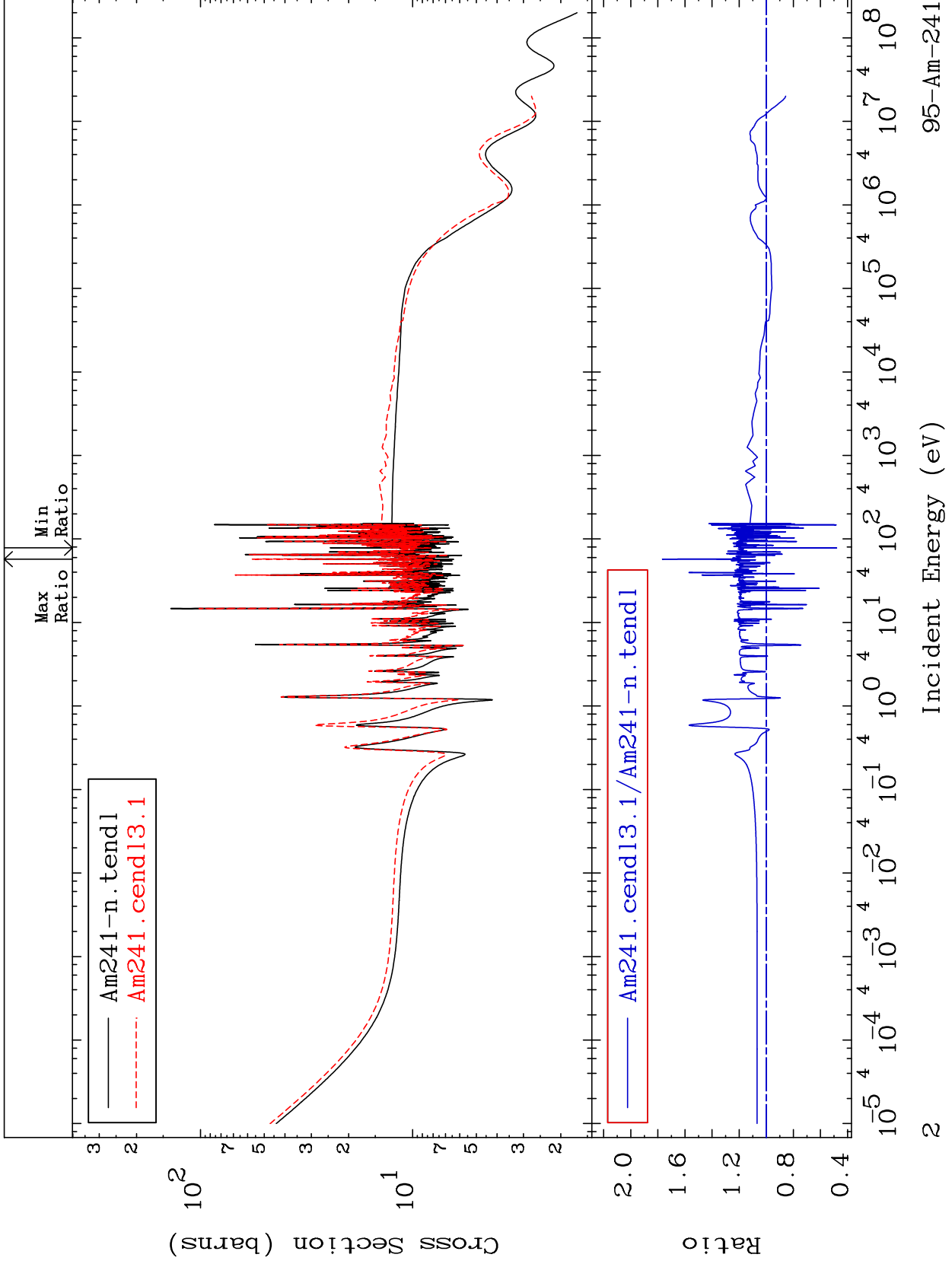
95-Am-241
-59.60 To 266.2 %



MAT 9543

Elastic
Cross Section

95-Am-241
-51.92 To 76.73 %



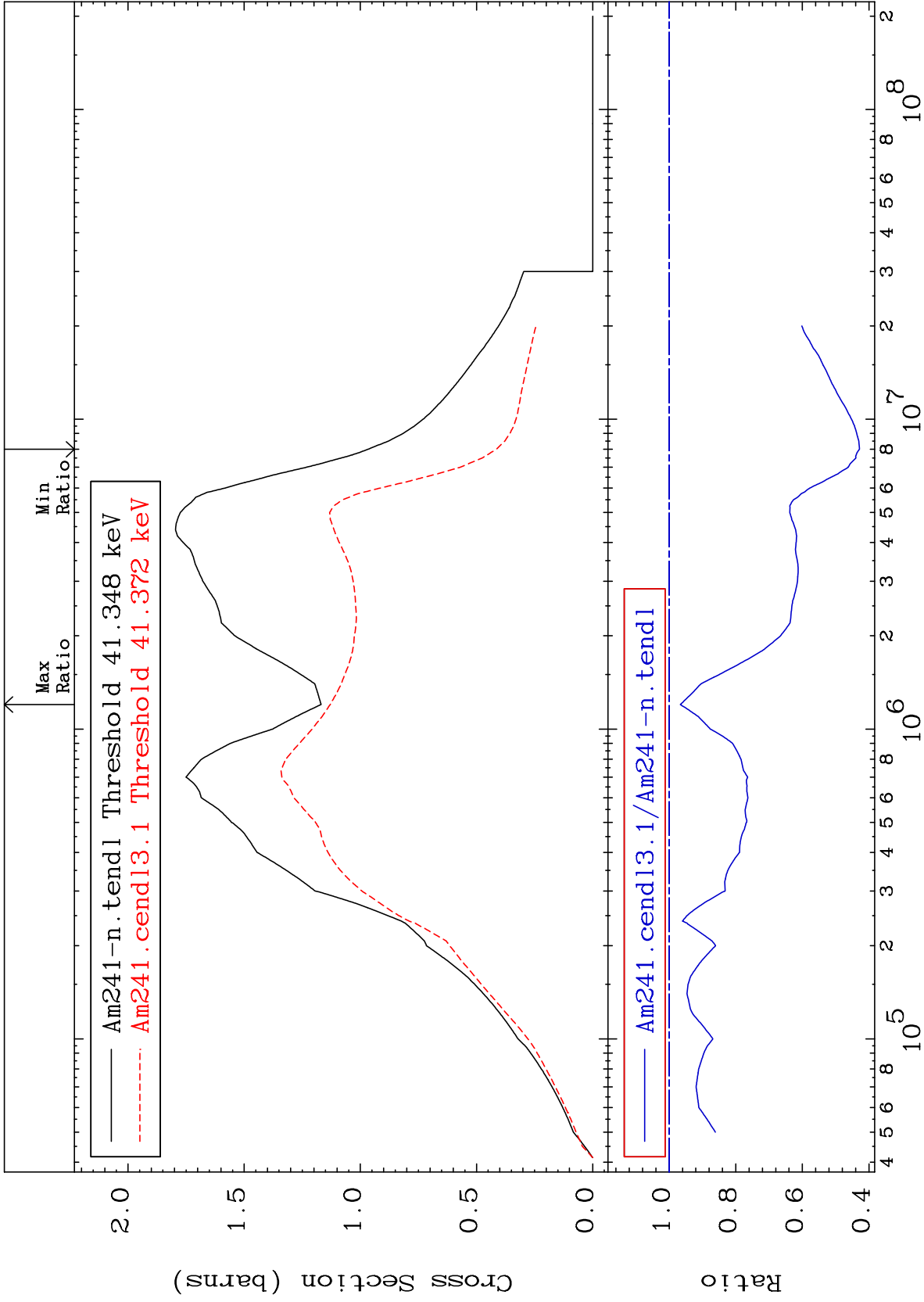
95-Am-241

Incident Energy (eV)

MAT 9543

Inelastic
Cross Section

95-Am-241
-57.14 To -3.356%



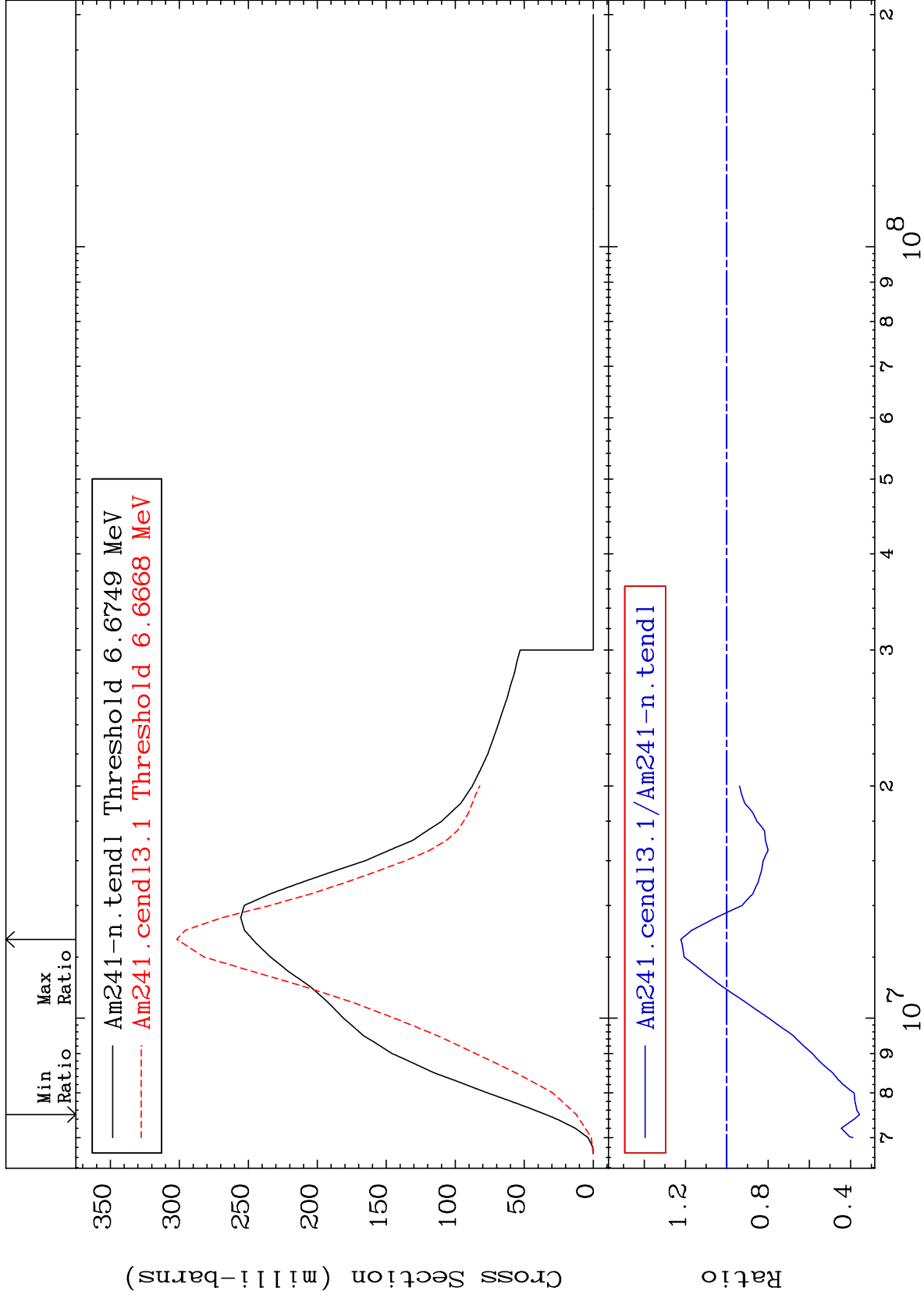
MAT 9543

(n,2n)

95-Am-241

Cross Section

-64.29 To 22.30 %



4

Incident Energy (eV)

95-Am-241

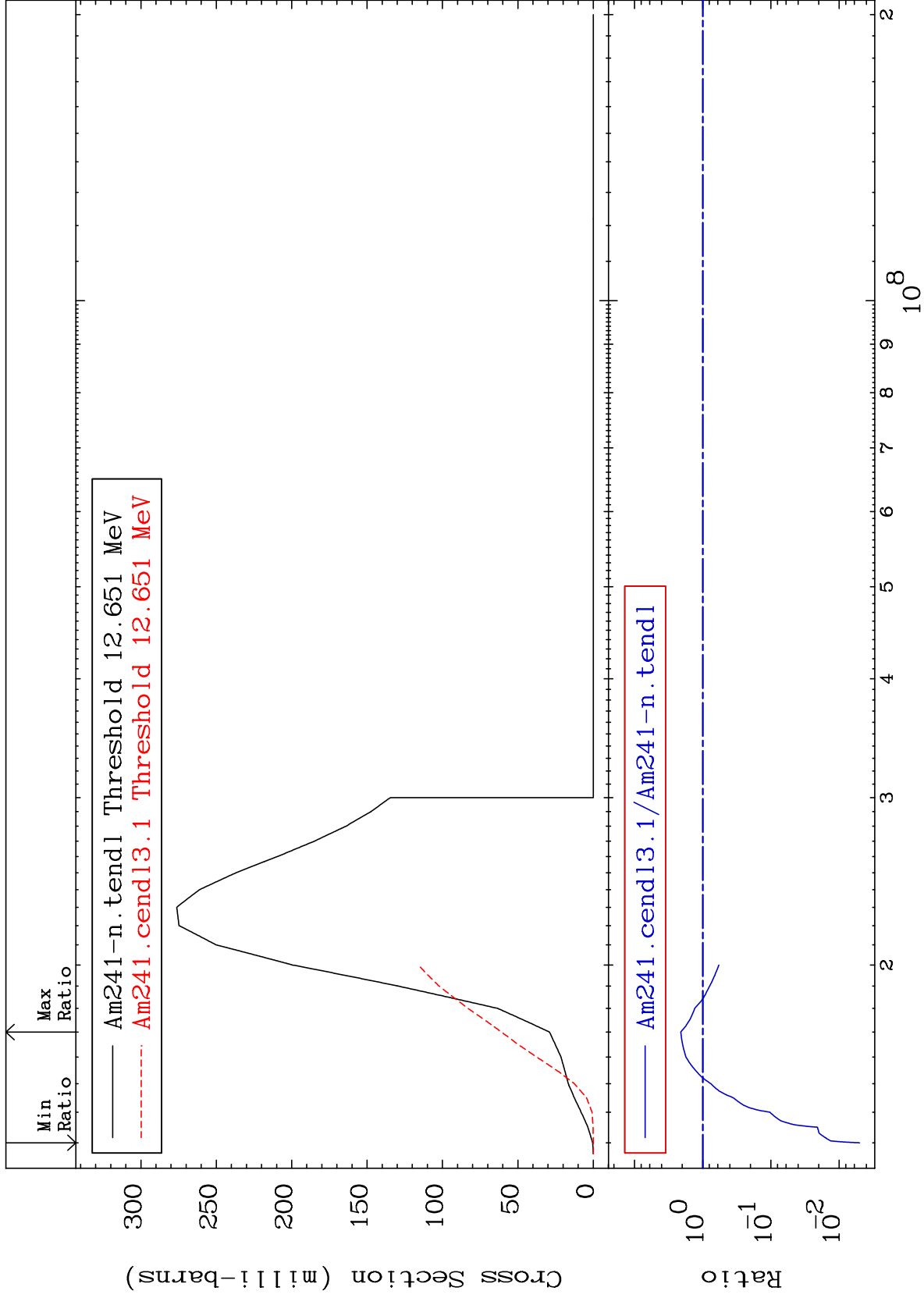
MAT 9543

(n,3n)

95-Am-241

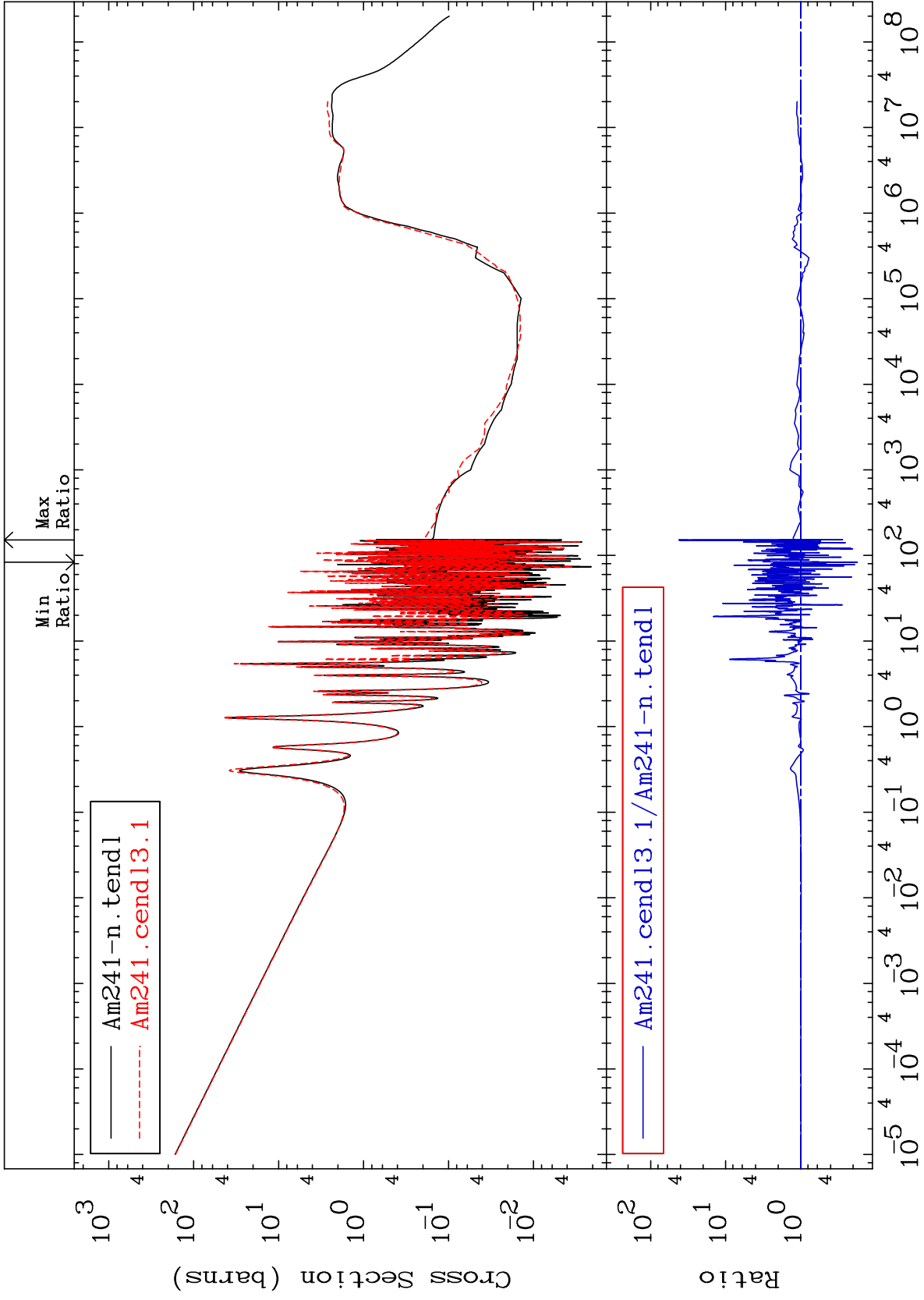
Cross Section

-99.50 To 109.7 %



MAT 9543

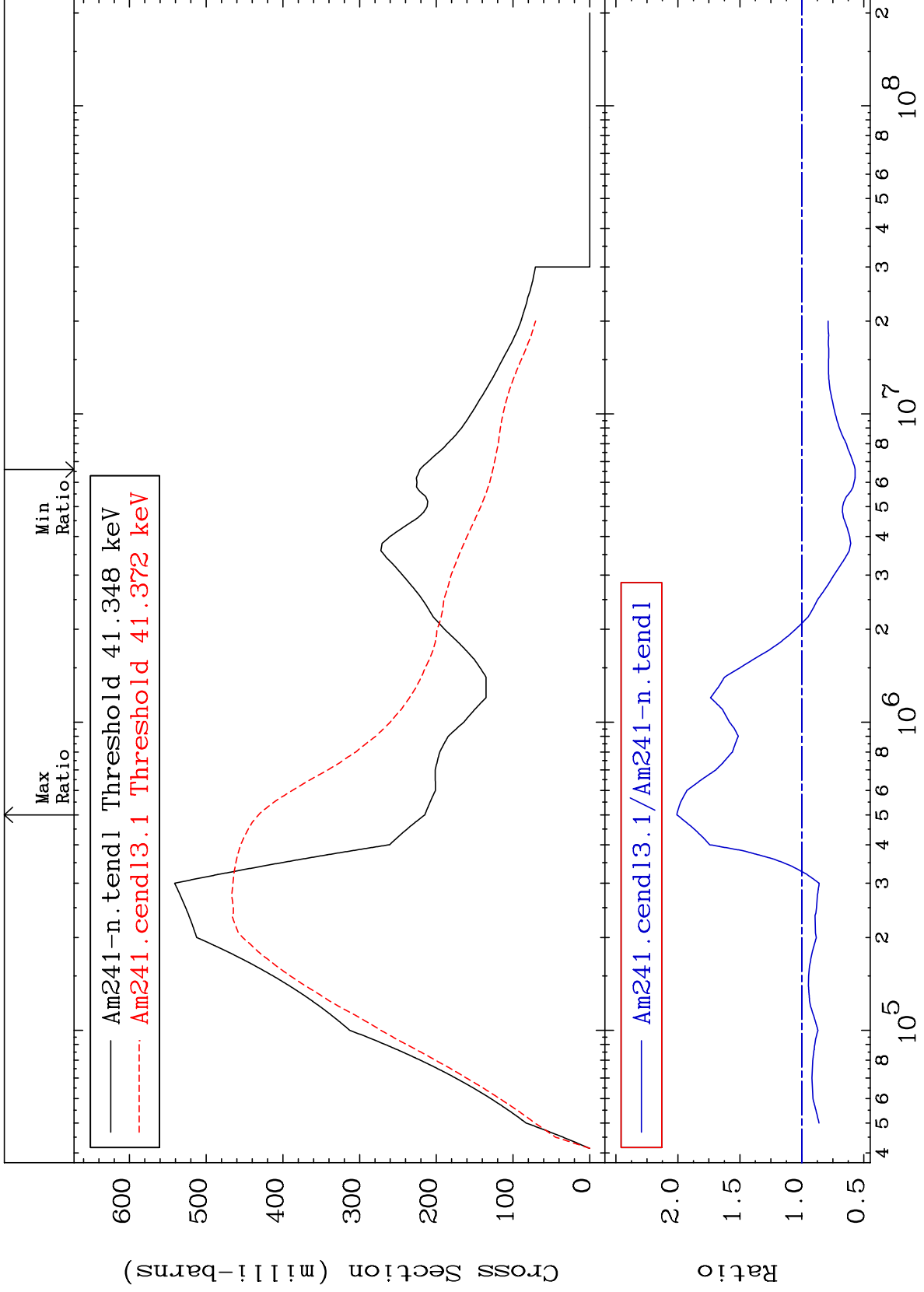
Fission Cross Section 95-Am-241
-82.37 To 4137. %



MAT 9543

41.18 keV (n,n') Level
Cross Section

95-Am-241
-42.99 To 100.8 %



7

Incident Energy (eV)

95-Am-241

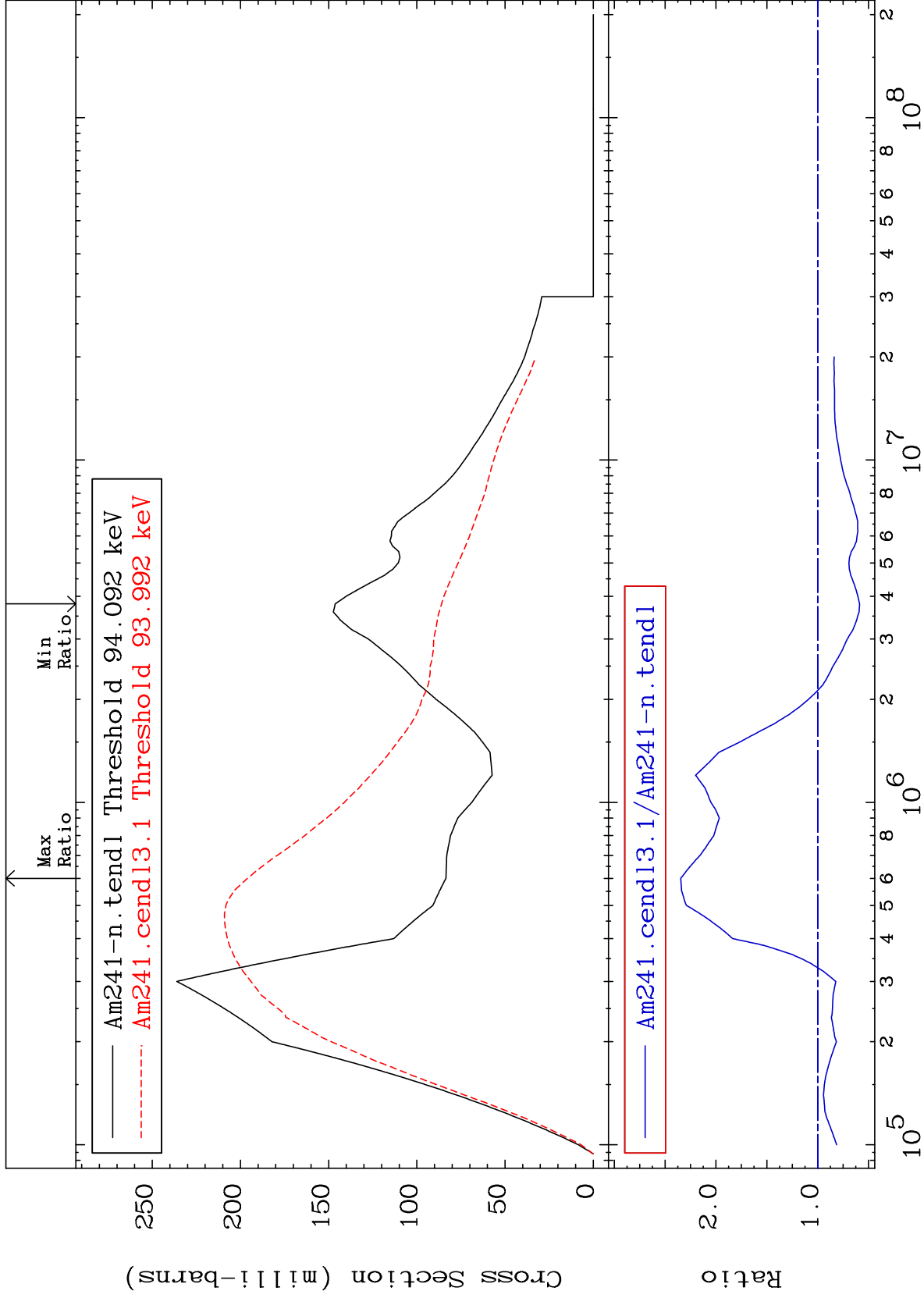
MAT 9543

93.70 keV (n,n') Level

95-Am-241

-41.21 To 134.6 %

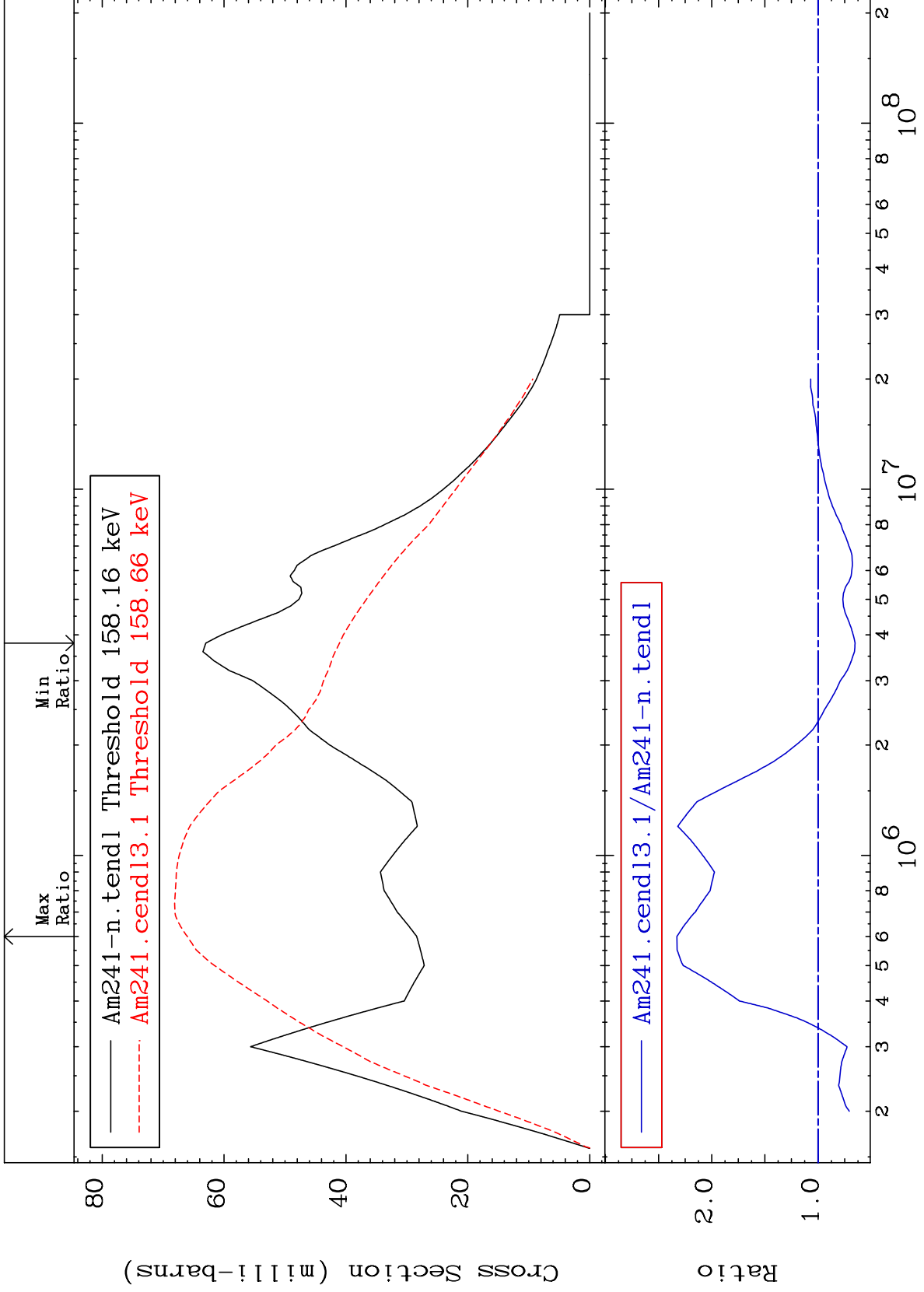
Cross Section



MAT 9543

157.5 keV (n,n') Level
Cross Section

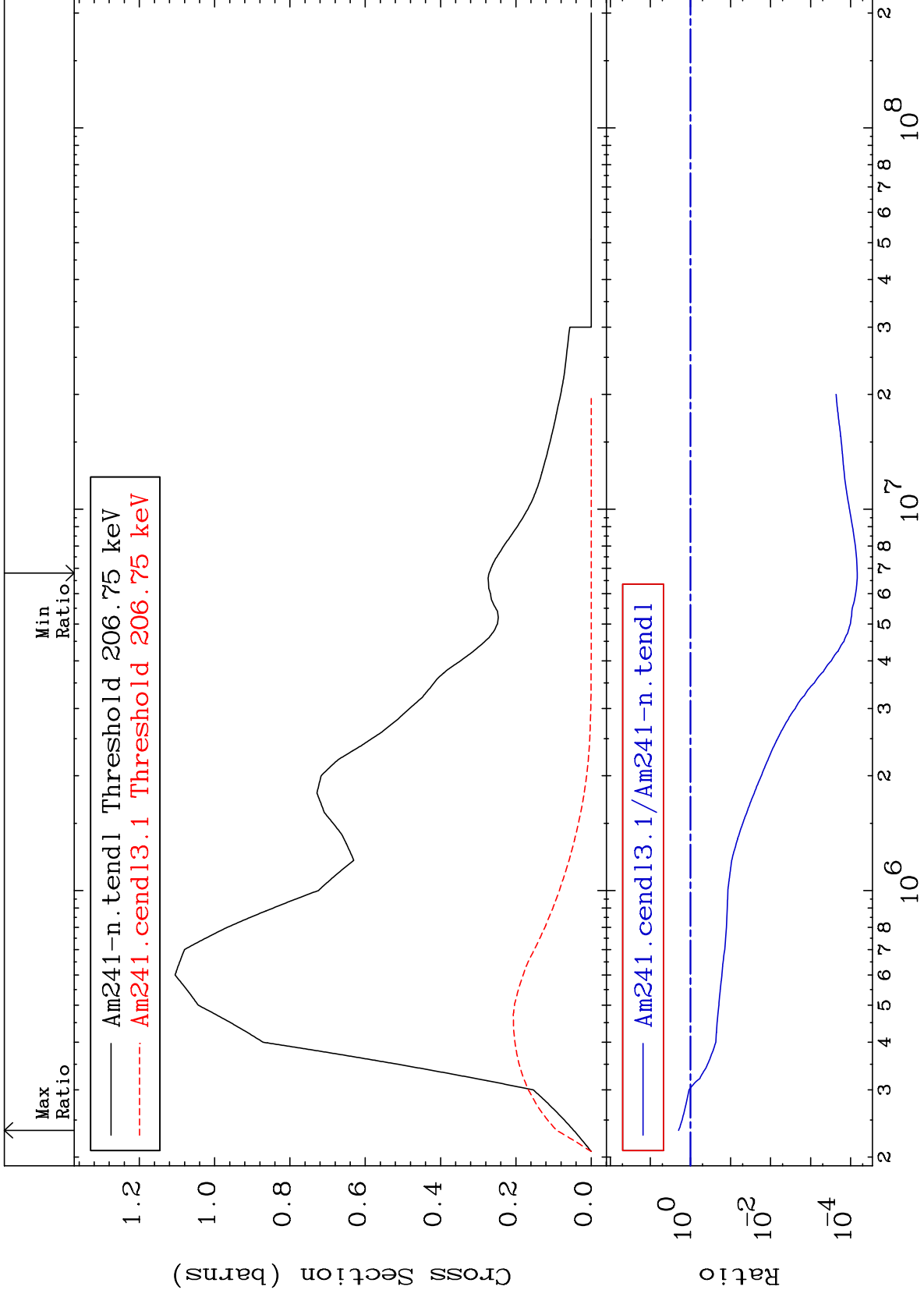
95-Am-241
-34.82 To 132.7 %



MAT 9543

205.9 keV (n,n') Level
Cross Section

95-Am-241
-99.99 To 97.11 %



10

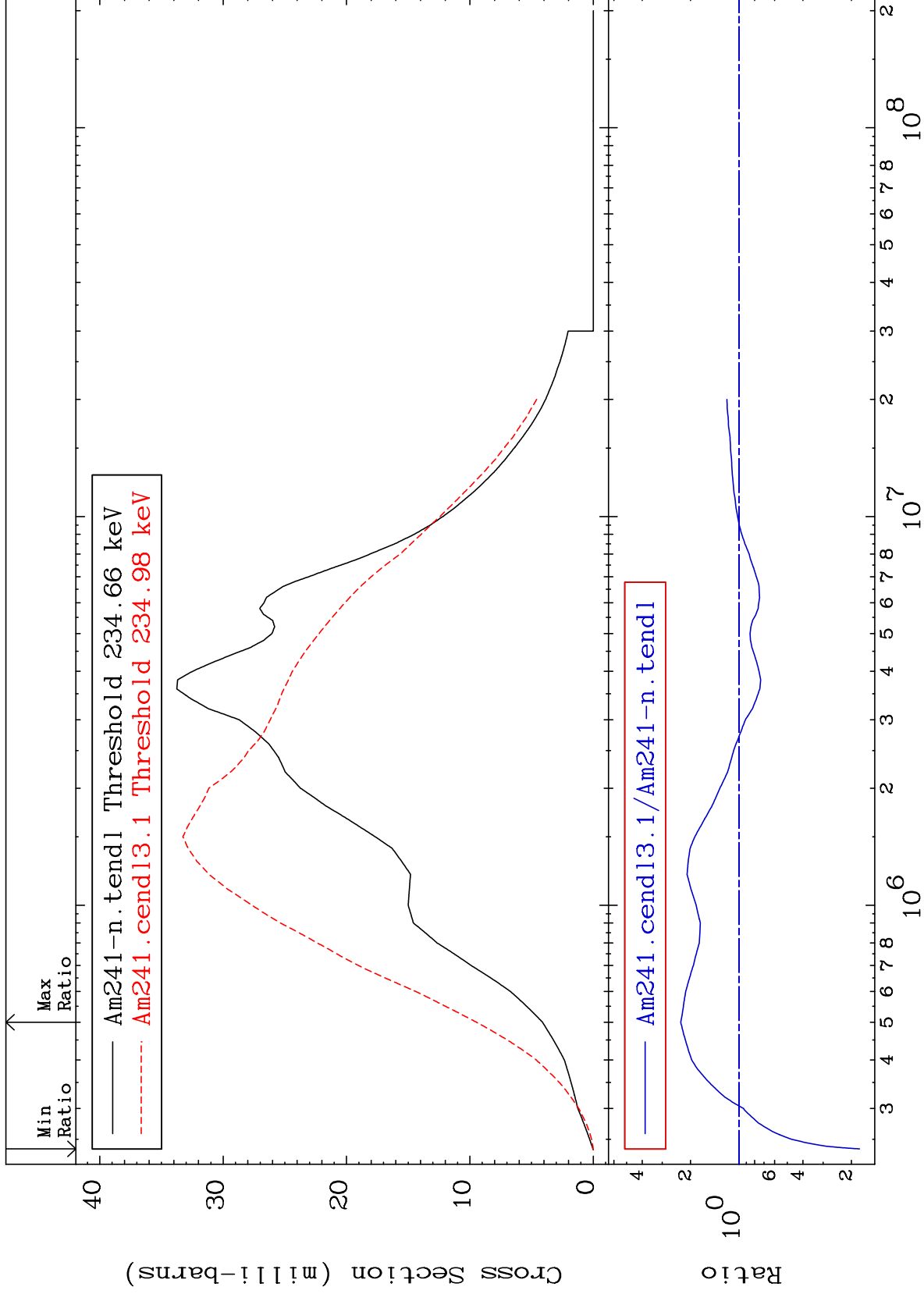
Incident Energy (eV)

95-Am-241

MAT 9543

233.7 keV (n,n') Level
Cross Section

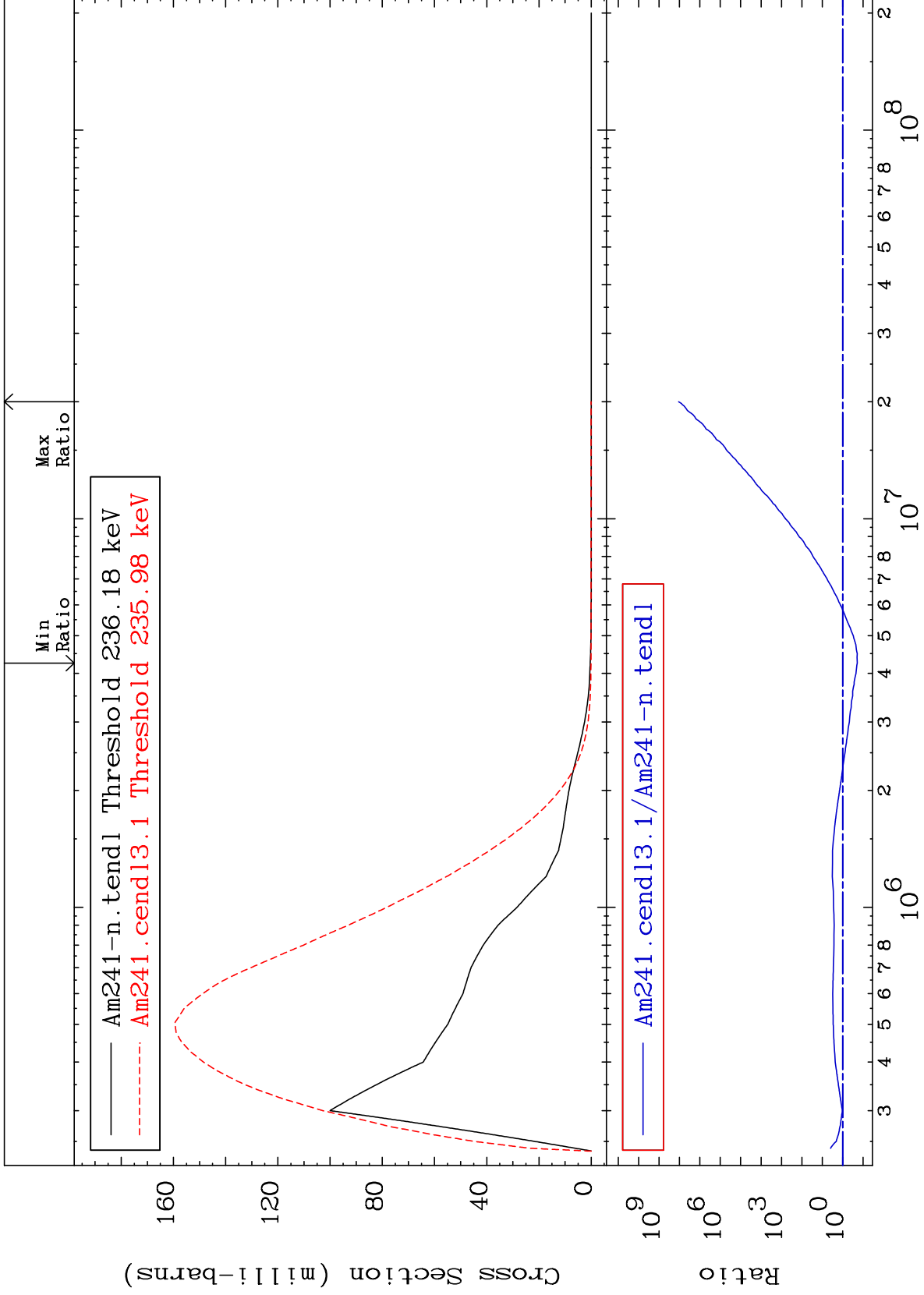
95-Am-241
-82.20 To 130.1 %



MAT 9543

235.2 keV (n,n') Level
Cross Section

95-Am-241
-80.85 To 9999. %



12

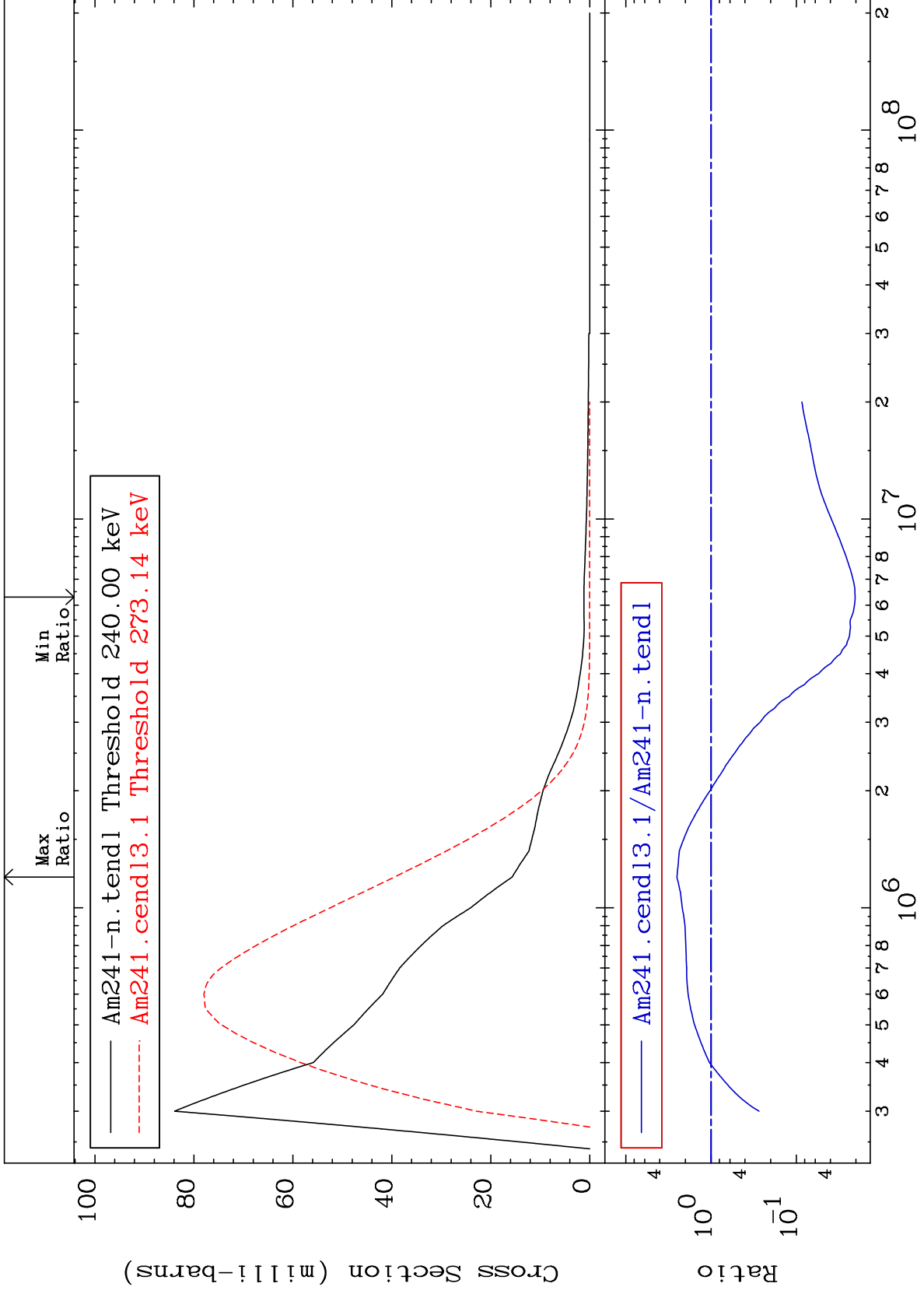
Incident Energy (eV)

95-Am-241

MAT 9543

239.0 keV (n,n') Level
Cross Section

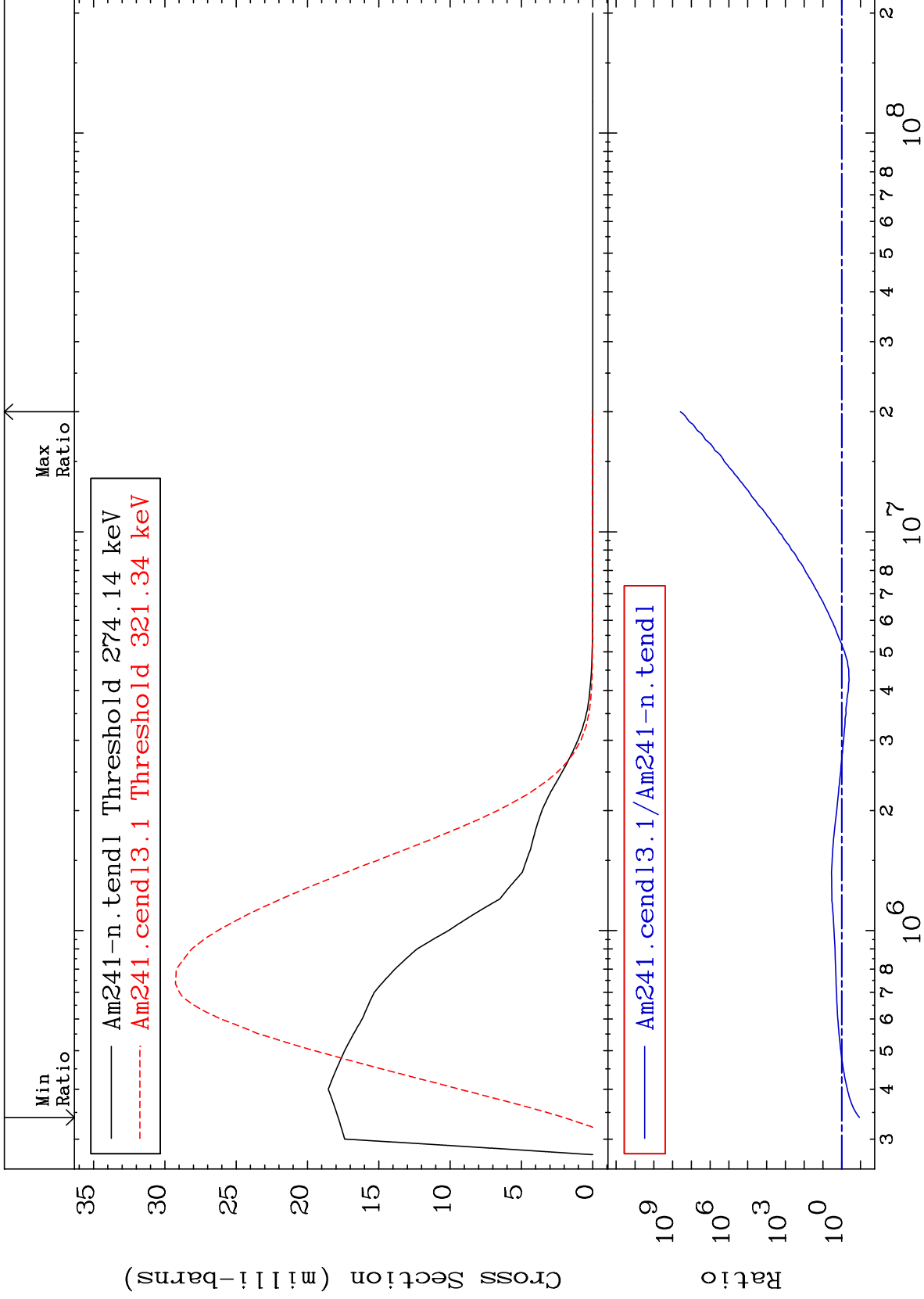
95-Am-241
-97.95 To 151.5 %



MAT 9543

273.0 keV (n,n') Level
Cross Section

95-Am-241
-88.56 To 9999. %



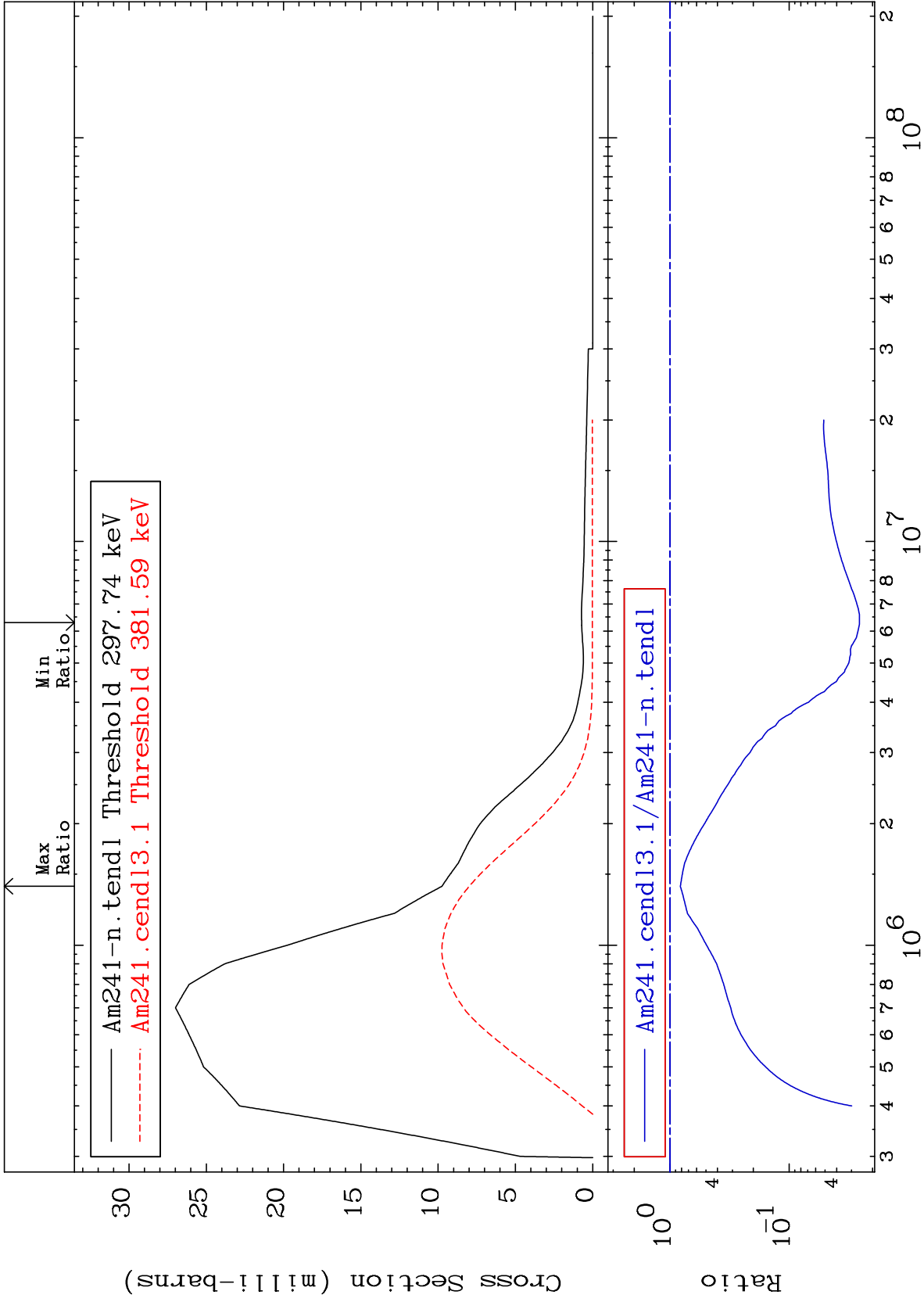
14

95-Am-241

MAT 9543

296.5 keV (n,n') Level
Cross Section

95-Am-241
-97.42 To -18.05%



15

Incident Energy (eV)

95-Am-241

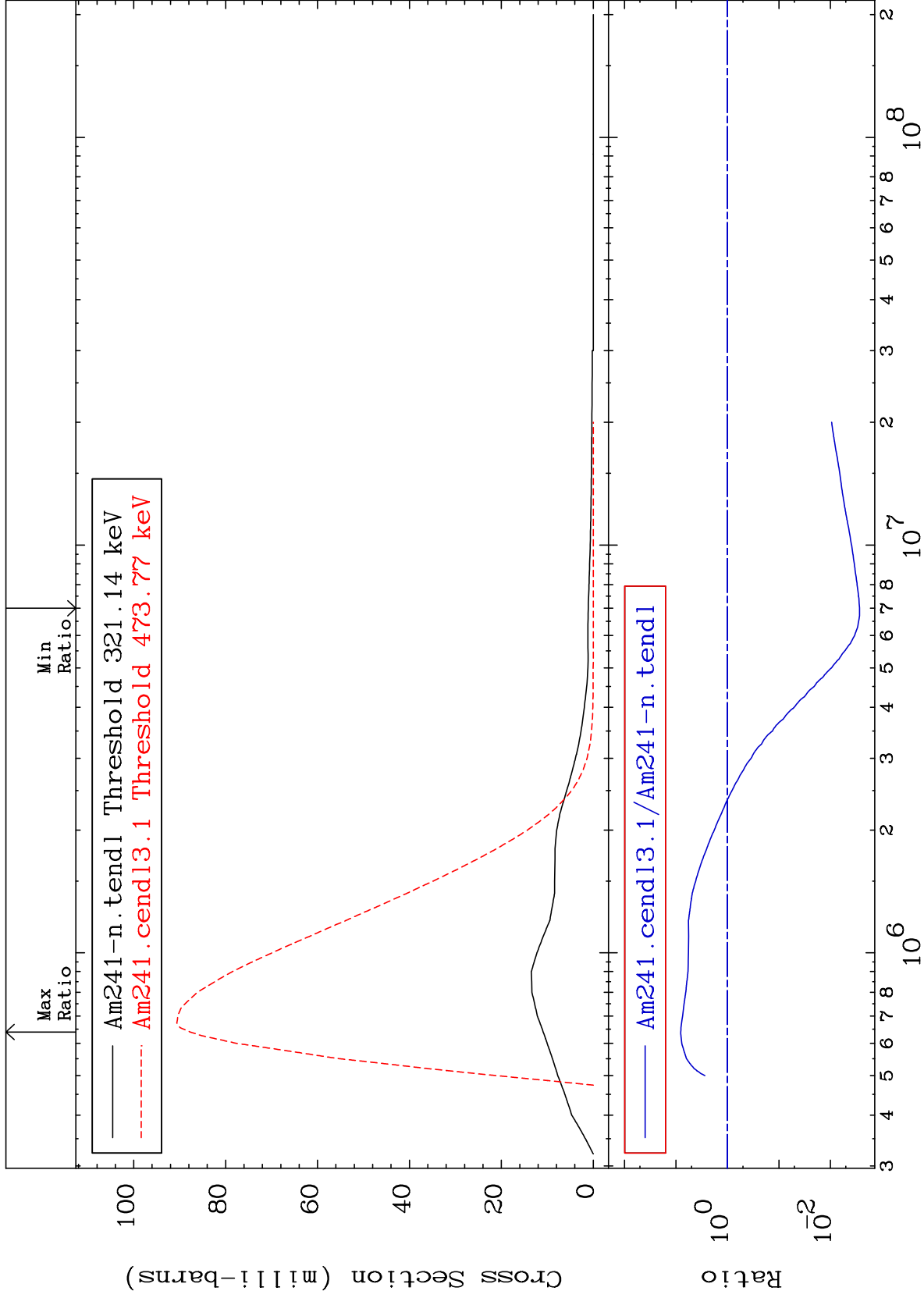
MAT 9543

319.8 keV (n,n') Level

95-Am-241

-99.73 To 706.1 %

Cross Section



16

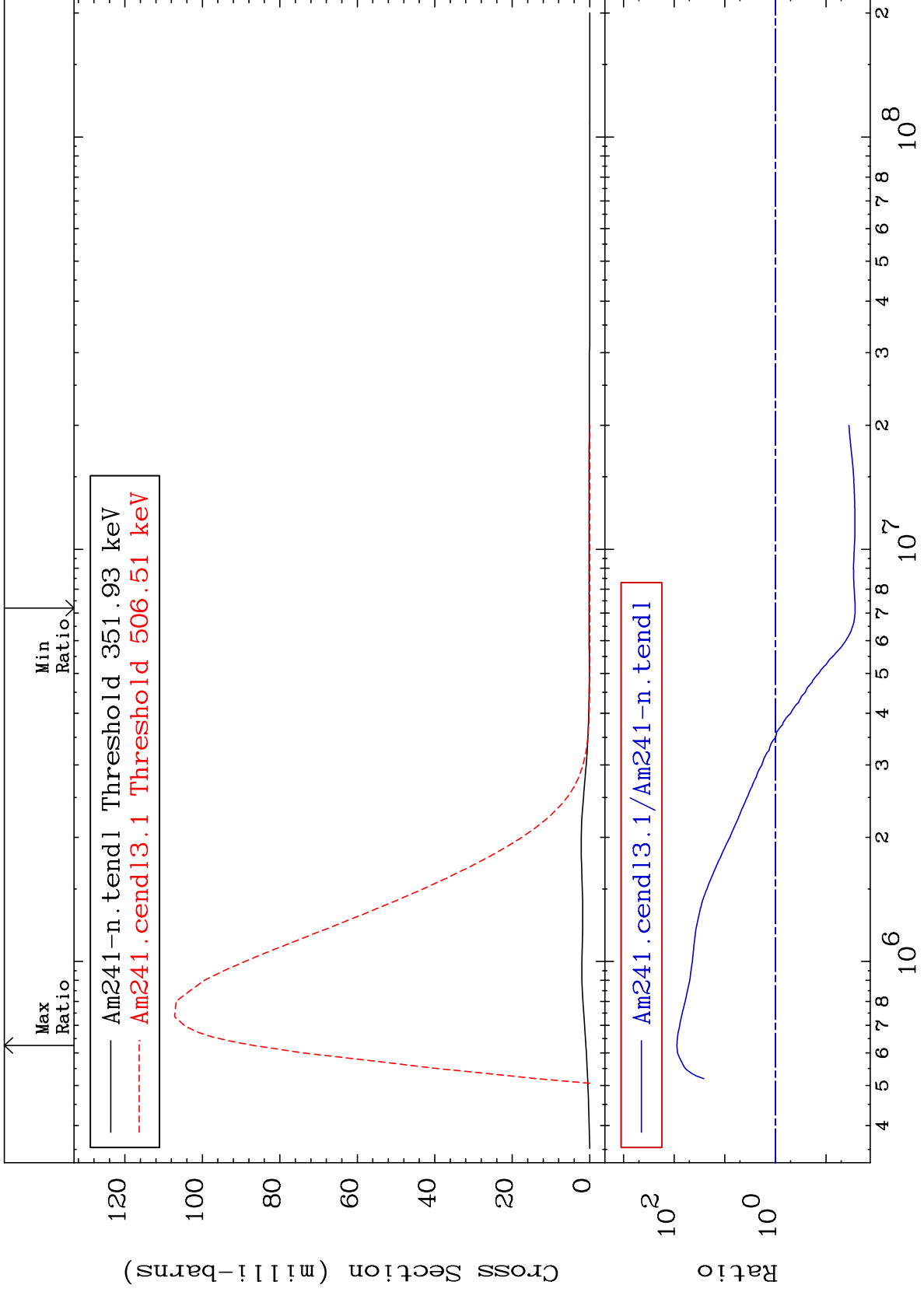
Incident Energy (eV)

95-Am-241

MAT 9543

350.5 keV (n,n') Level
Cross Section

95-Am-241
-97.34 To 8727. %



17

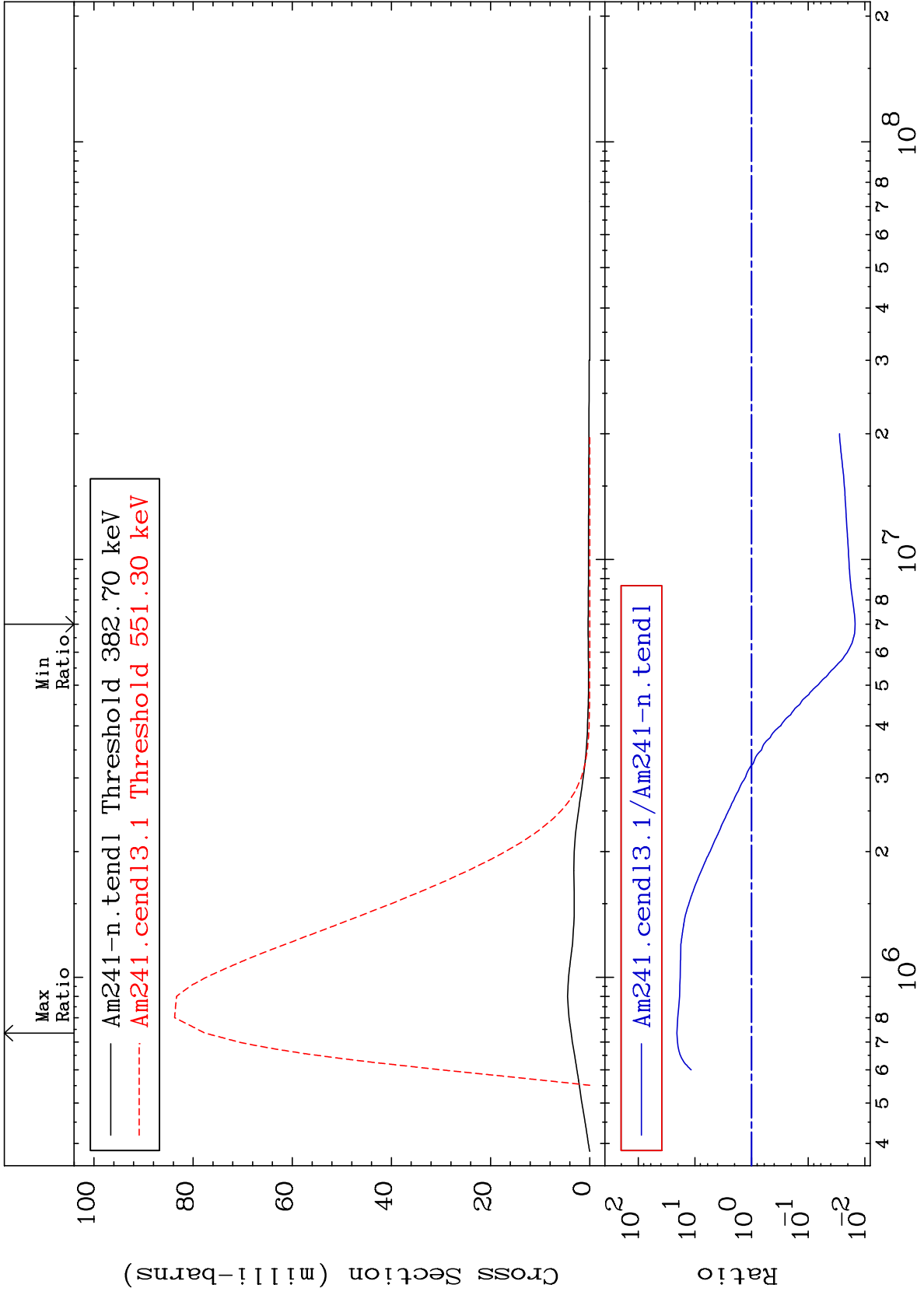
Incident Energy (eV)

95-Am-241

MAT 9543

381.1 keV (n,n') Level
Cross Section

95-Am-241
-98.51 To 1978. %



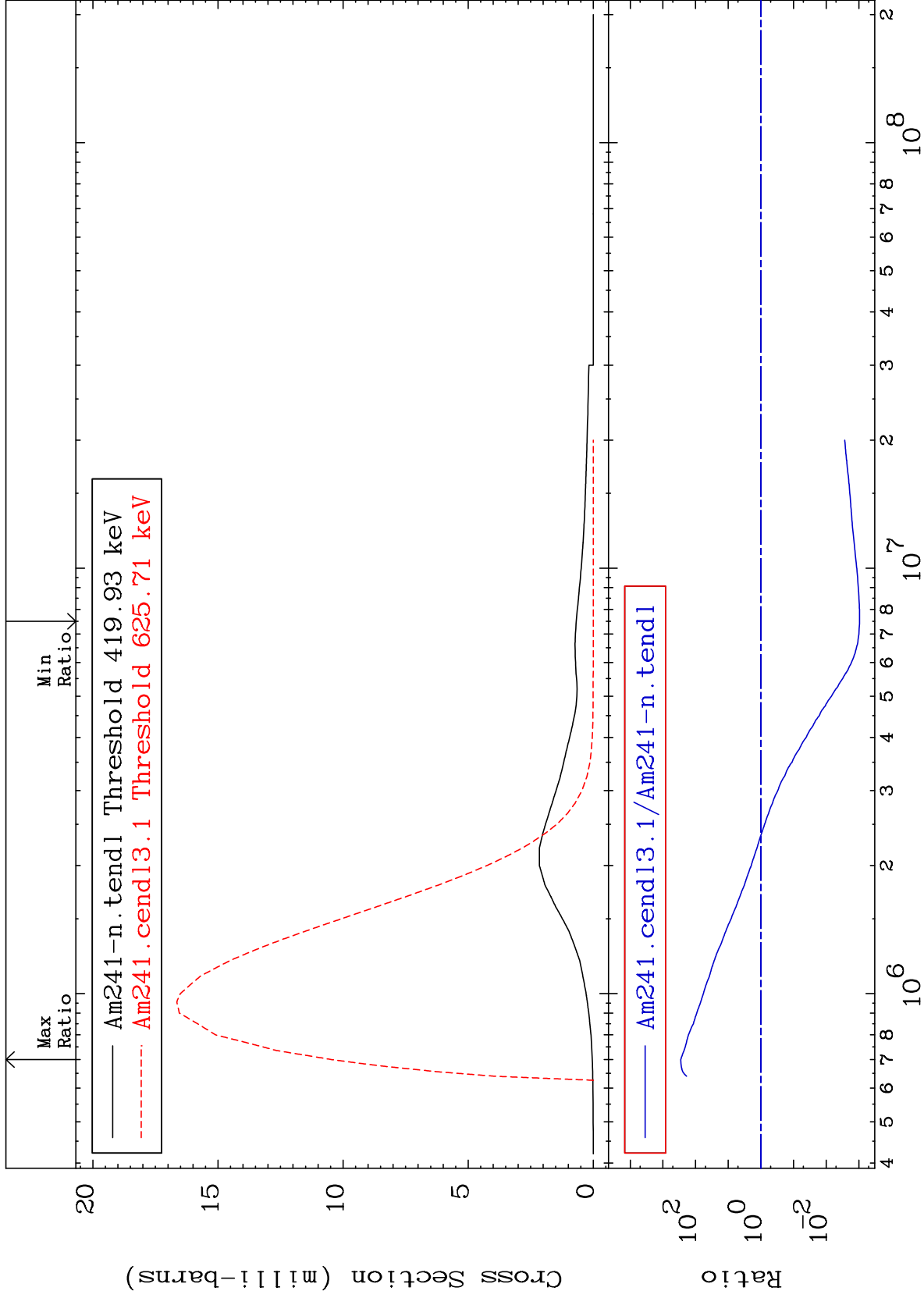
MAT 9543

418.2 keV (n,n') Level

95-Am-241

-99.90 To 9999. %

Cross Section



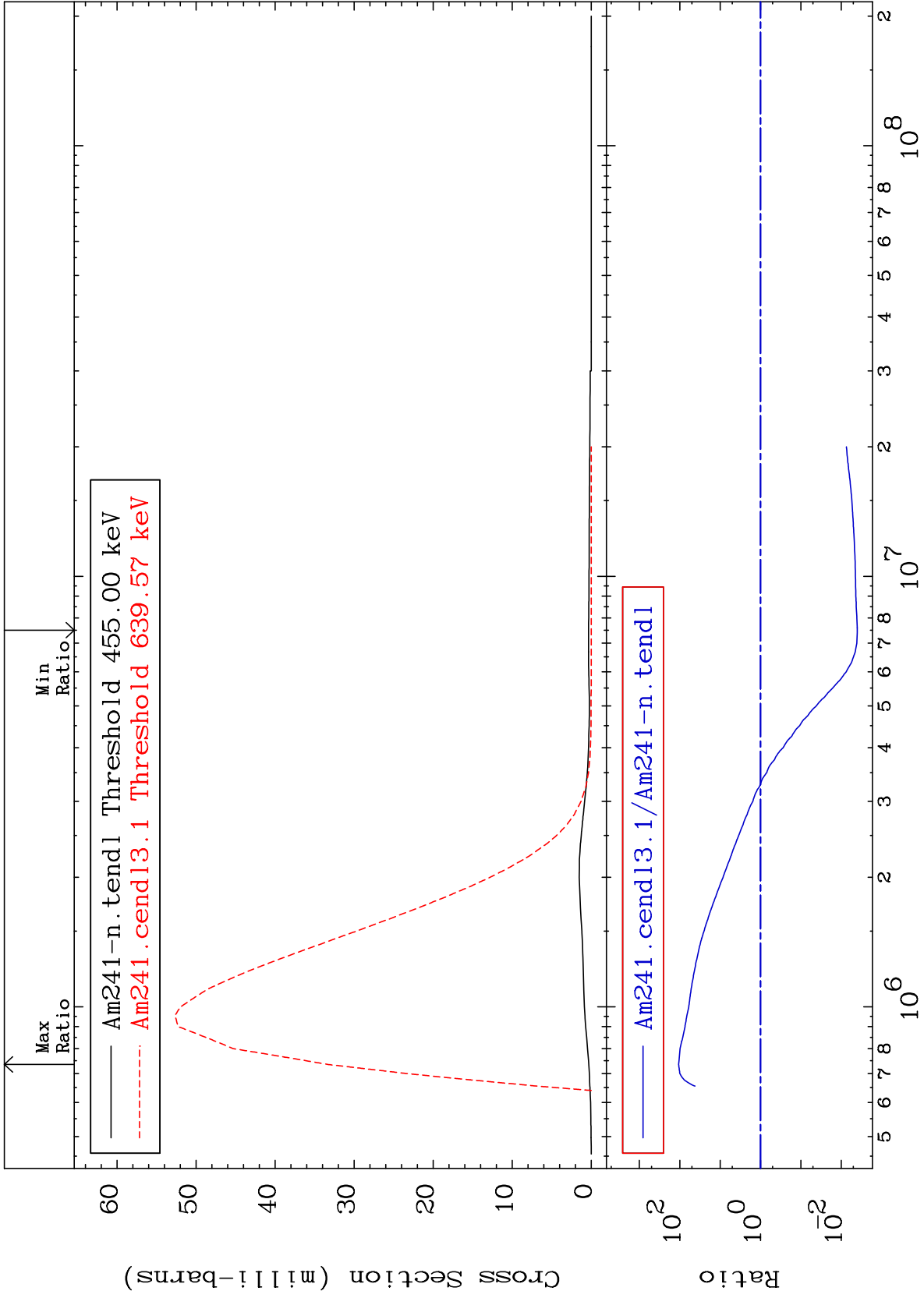
19

95-Am-241

MAT 9543

453.1 keV (n,n') Level
Cross Section

95-Am-241
-99.60 To 9999. %



20

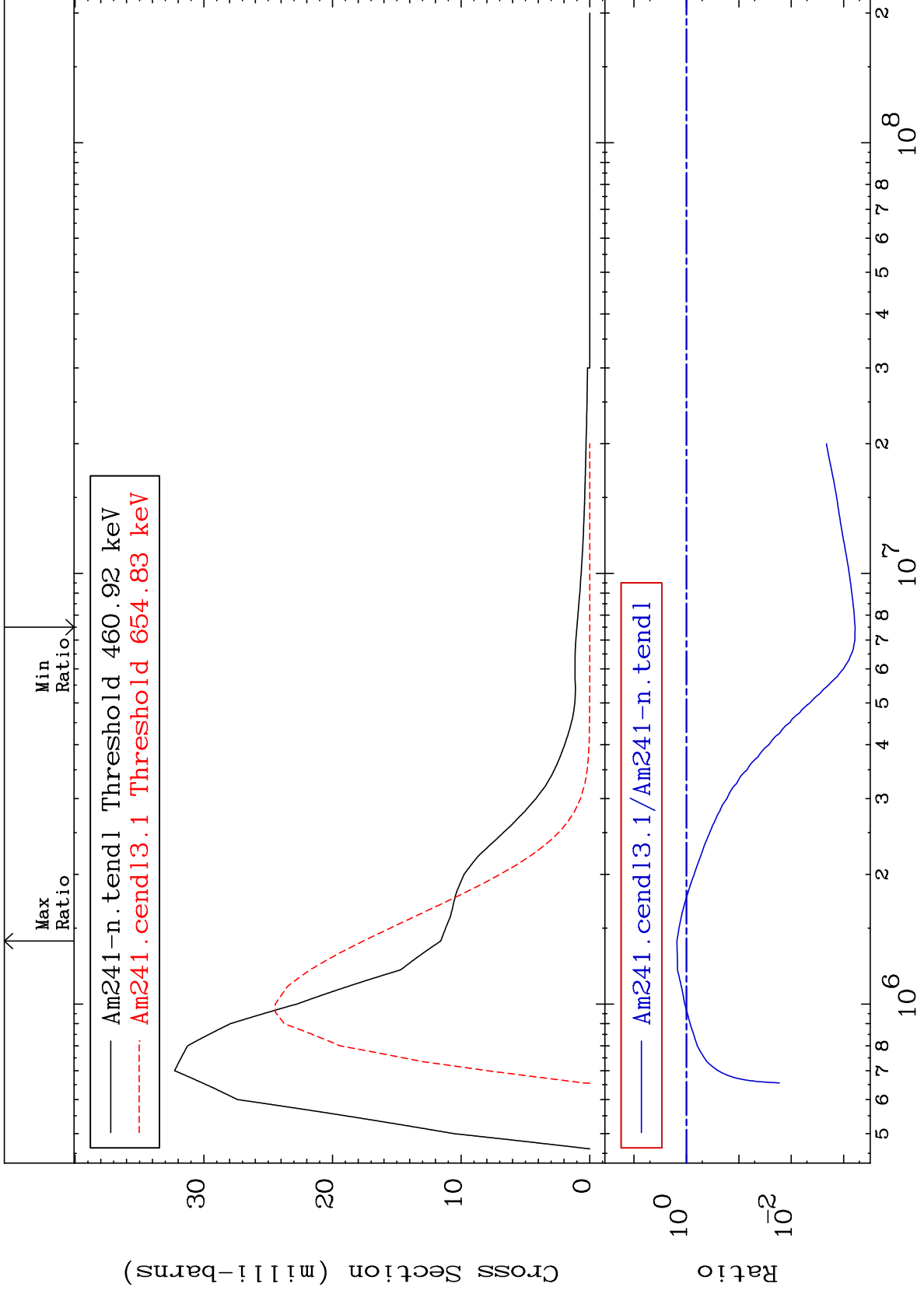
Incident Energy (eV)

95-Am-241

MAT 9543

459.0 keV (n,n') Level
Cross Section

95-Am-241
-99.94 To 51.94 %



21

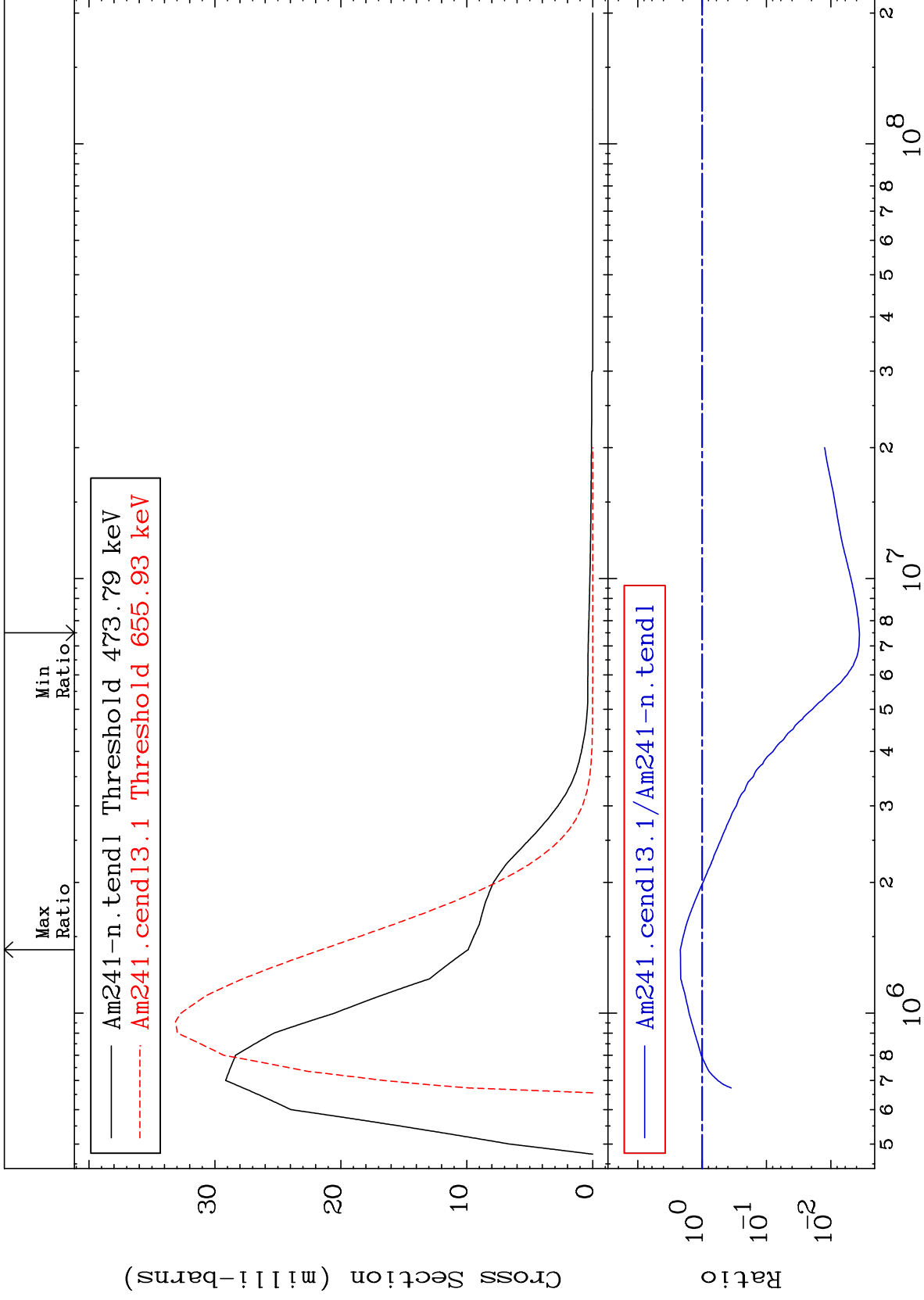
Incident Energy (eV)

95-Am-241

MAT 9543

471.8 keV (n,n') Level
Cross Section

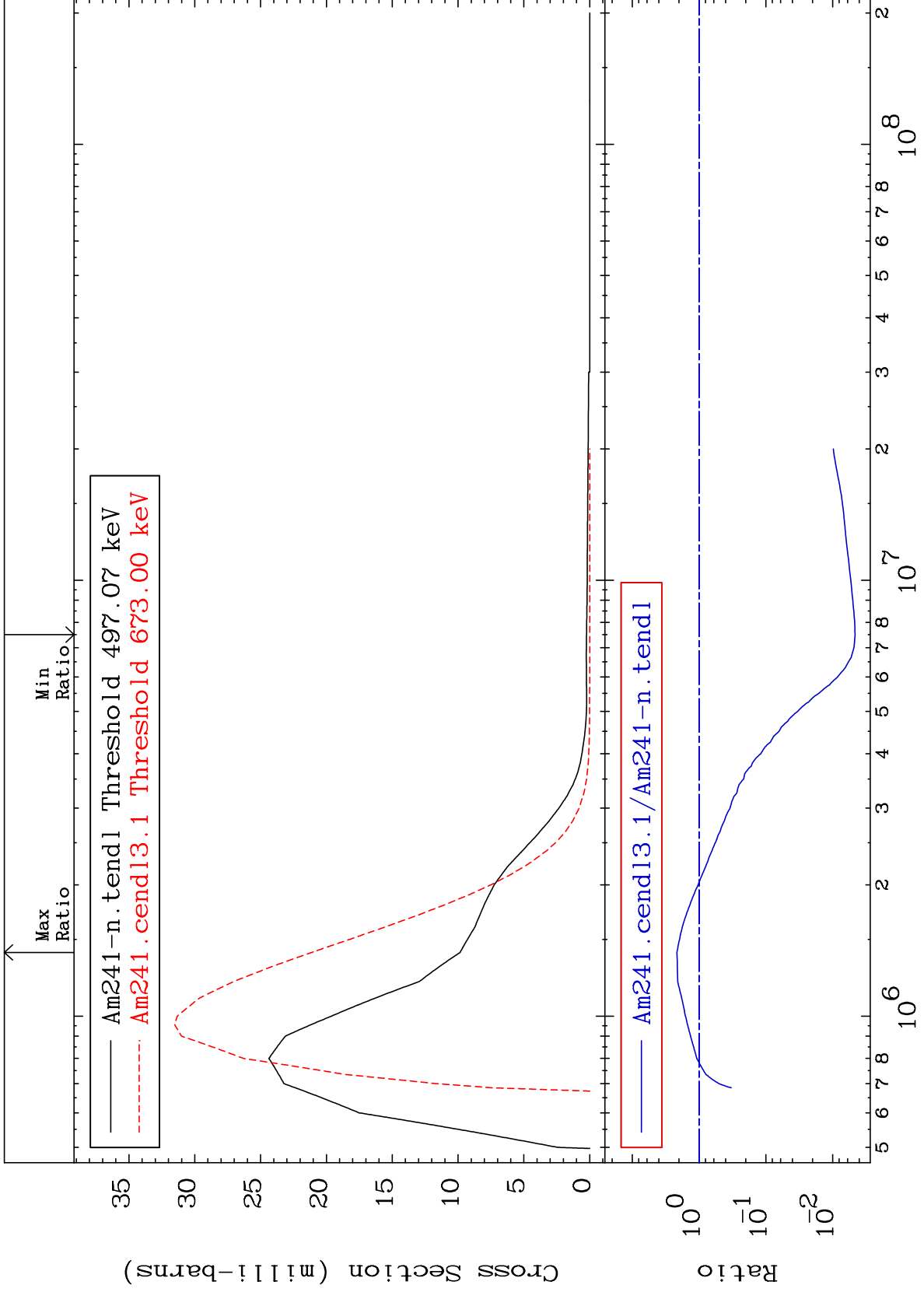
95-Am-241
-99.64 To 117.7 %



MAT 9543

495.0 keV (n,n') Level
Cross Section

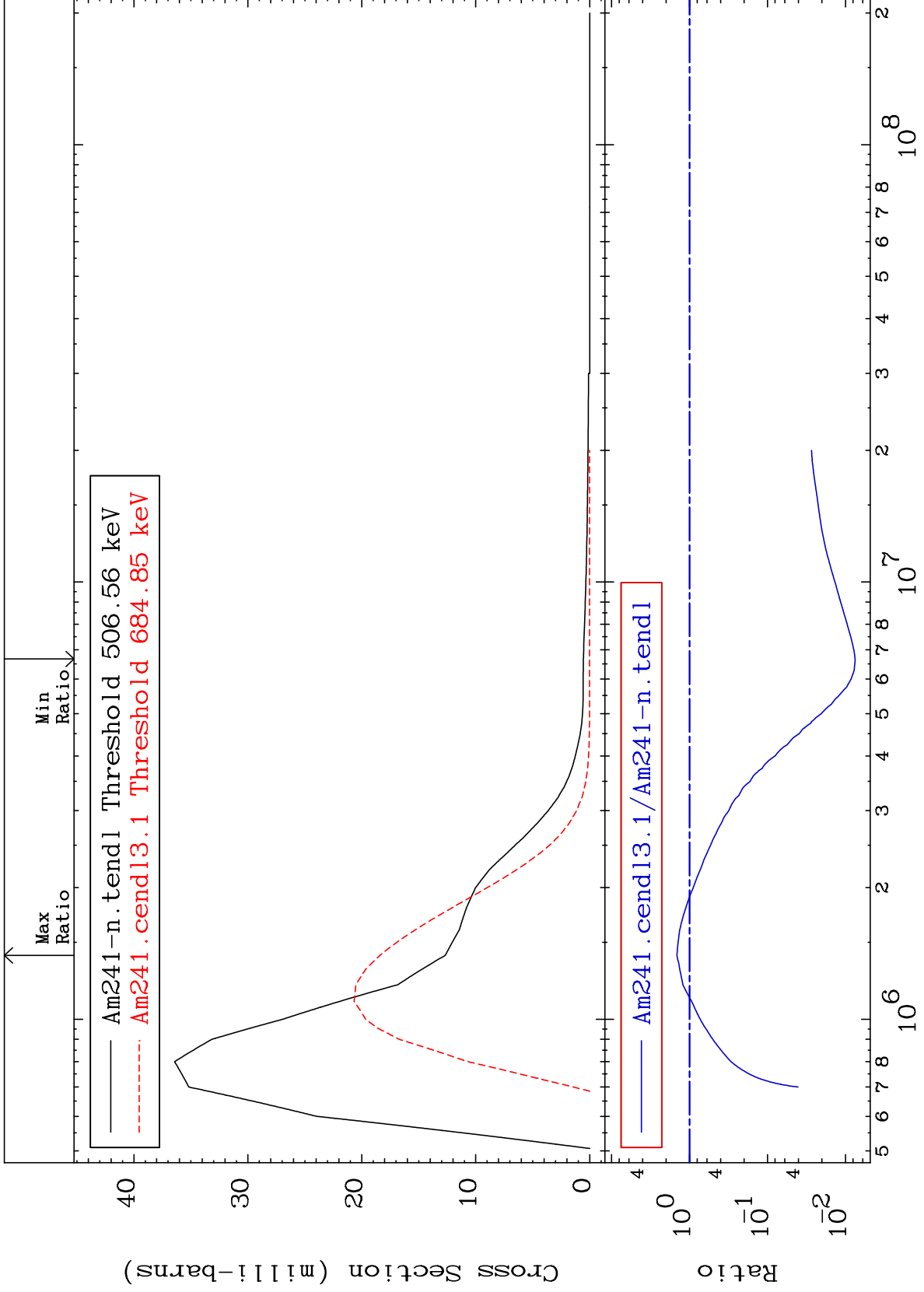
95-Am-241
-99.54 To 114.4 %



MAT 9543

504.5 keV (n,n') Level
Cross Section

95-Am-241
-99.25 To 45.30 %



24

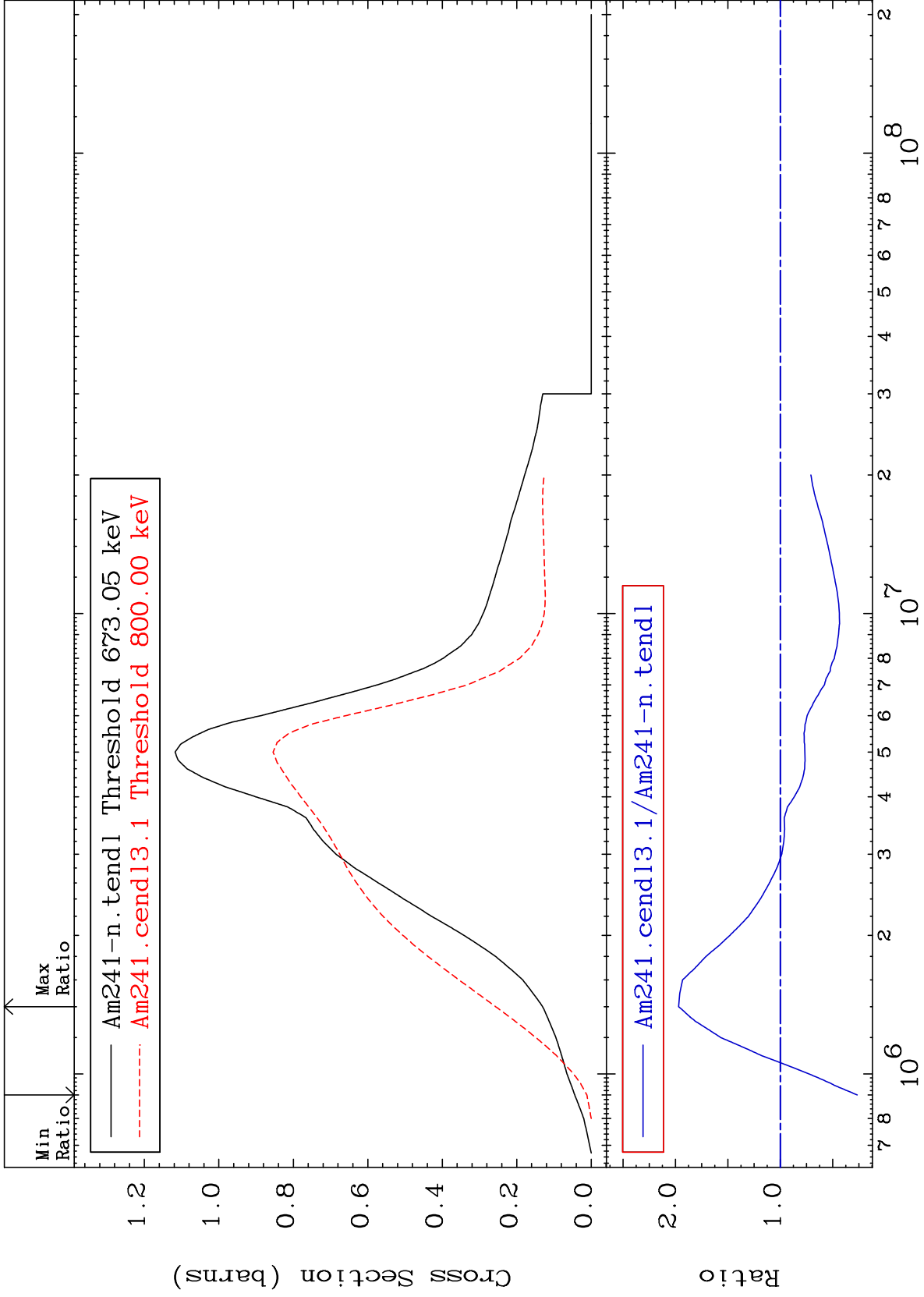
Incident Energy (eV)

95-Am-241

MAT 9543

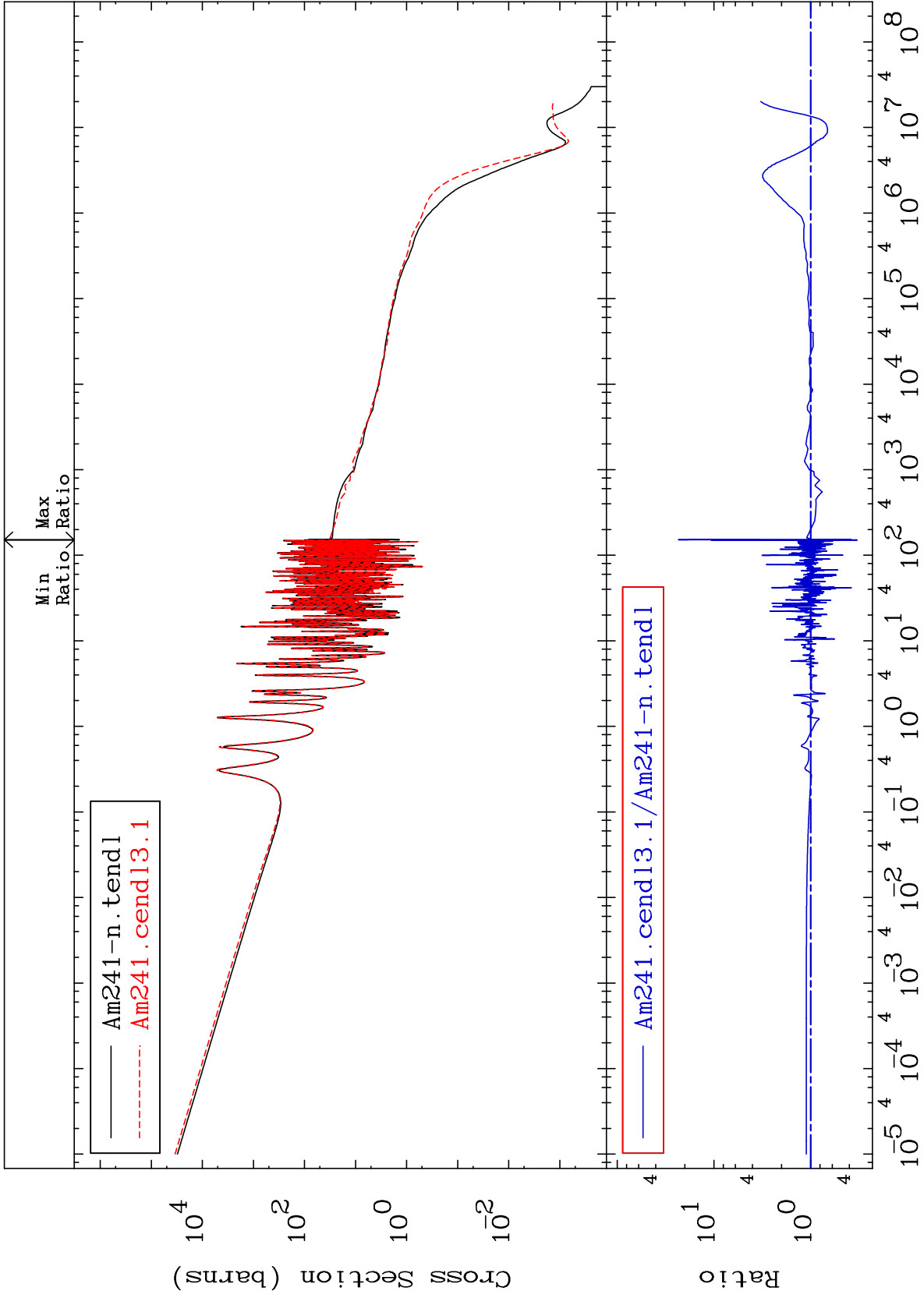
(n, n') Continuum
Cross Section

95-Am-241
-73.49 To 96.89 %



MAT 9543

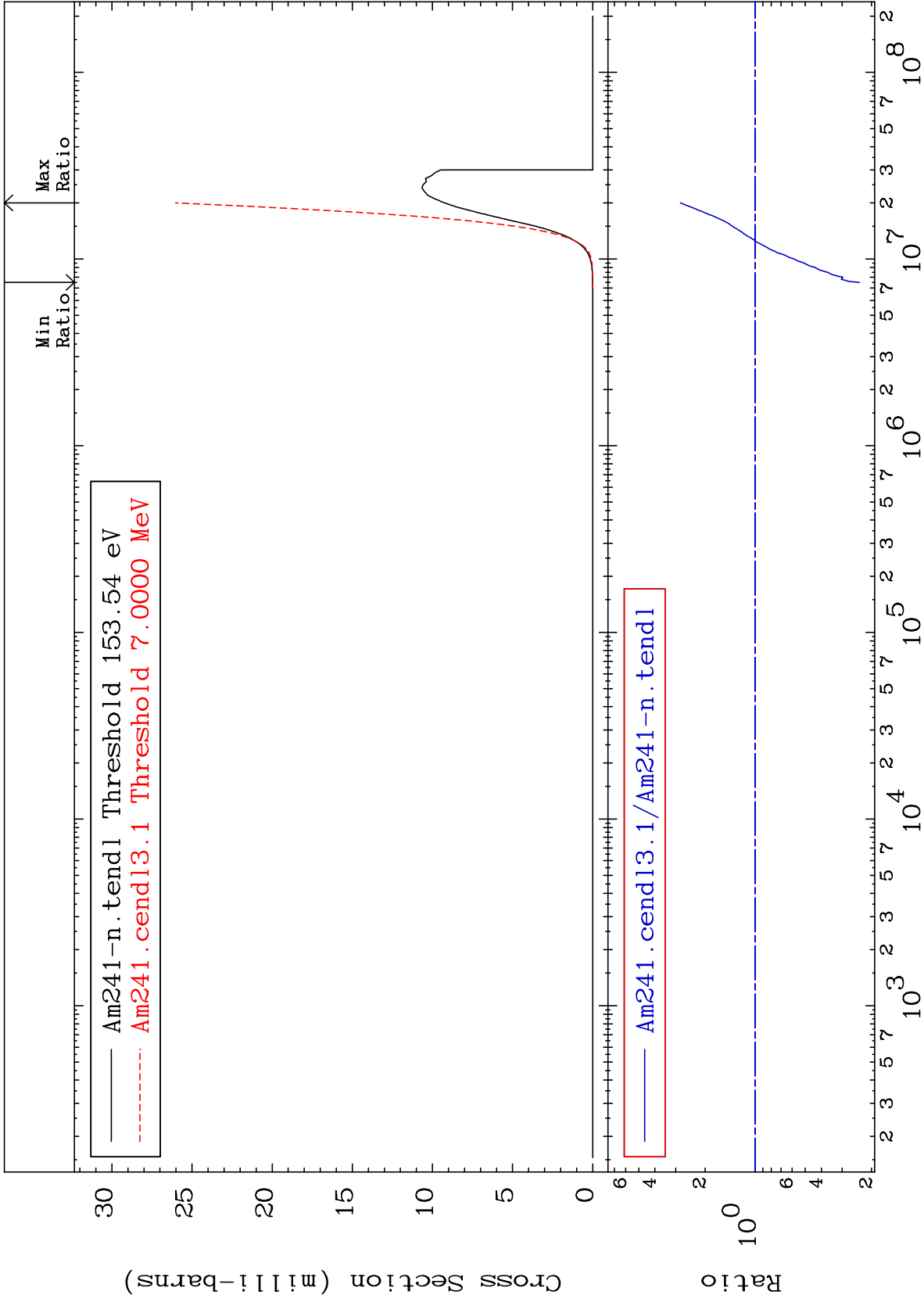
(n, γ) Cross Section
95-Am-241
-66.93 To 2218. %



MAT 9543

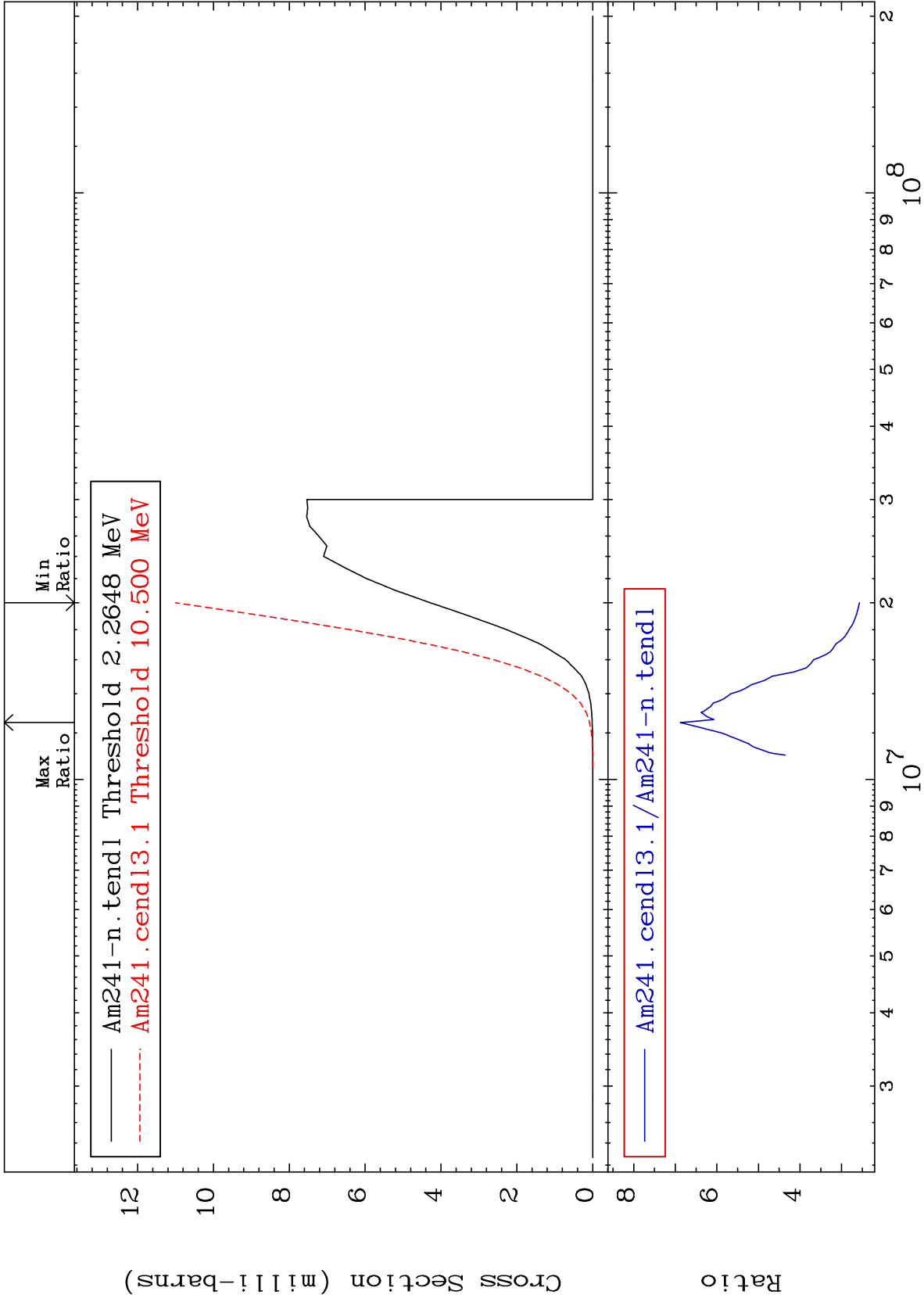
(n,p)
Cross Section

95-Am-241
-76.36 To 181.5 %



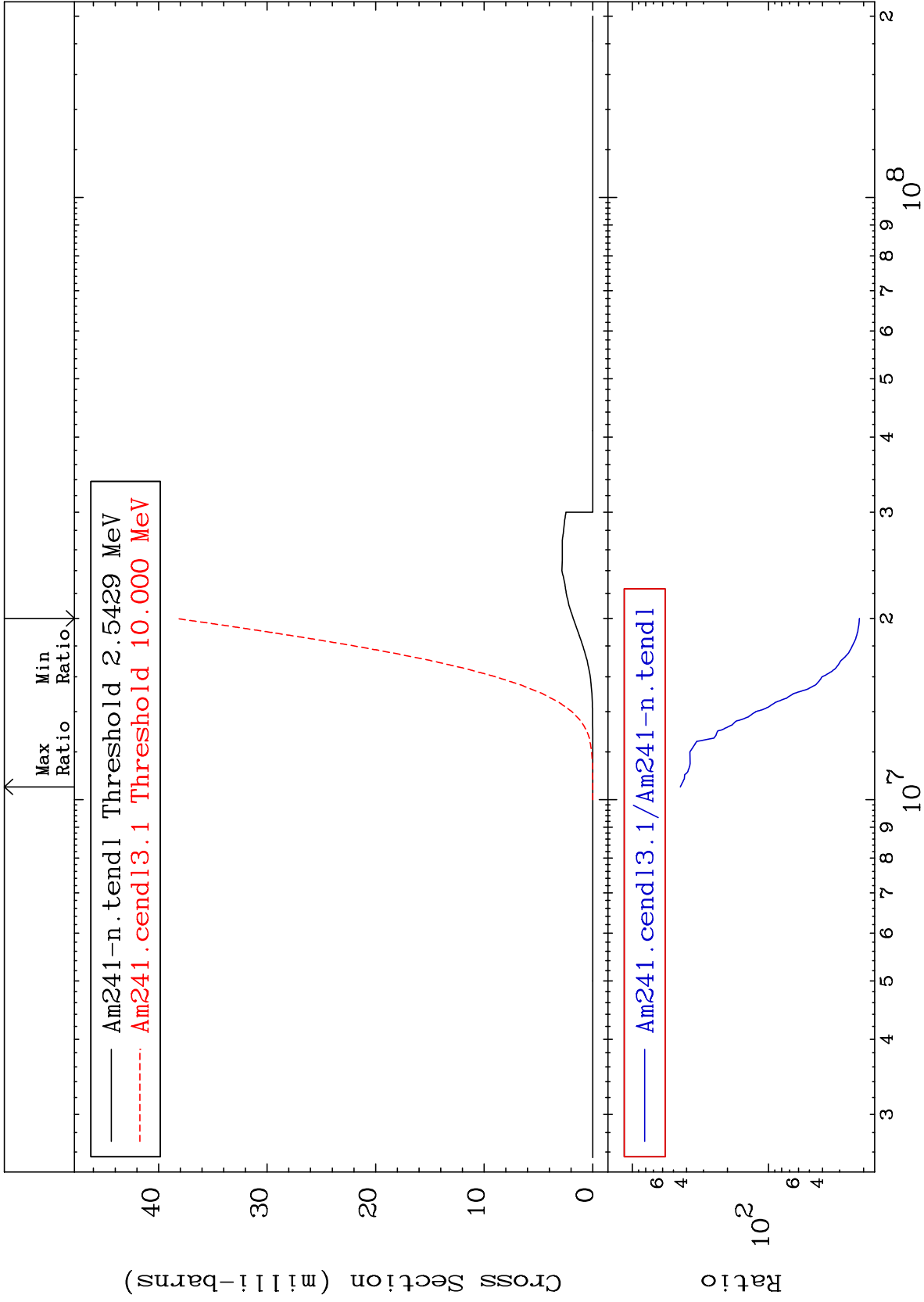
MAT 9543

(n, d)
Cross Section
95-Am-241
156.9 To 587.9 %



MAT 9543

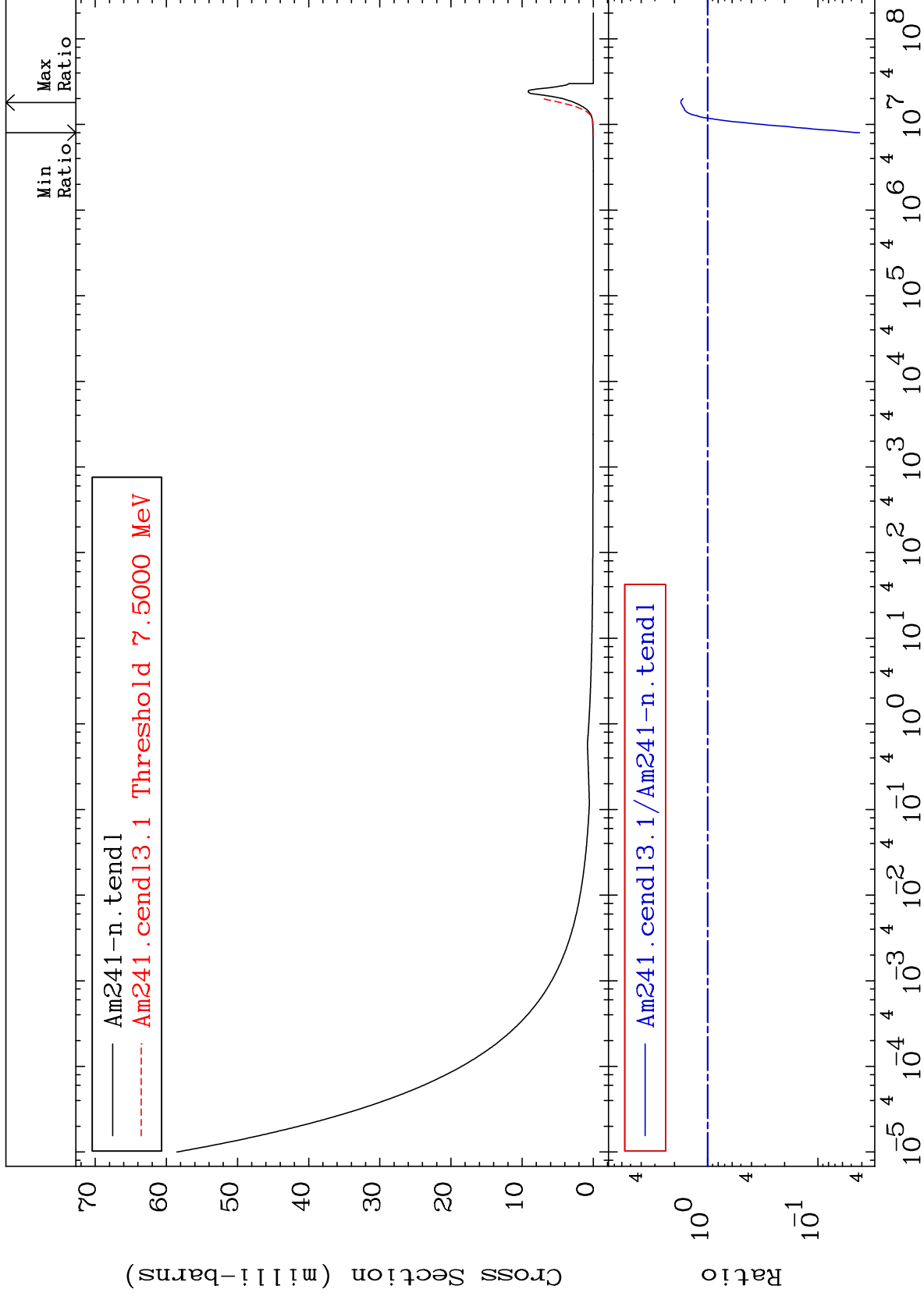
(n, t)
Cross Section
95-Am-241
2044. To 9999. %



MAT 9543

(n, α)
Cross Section

95-Am-241
-95.81 To 75.05 %



30

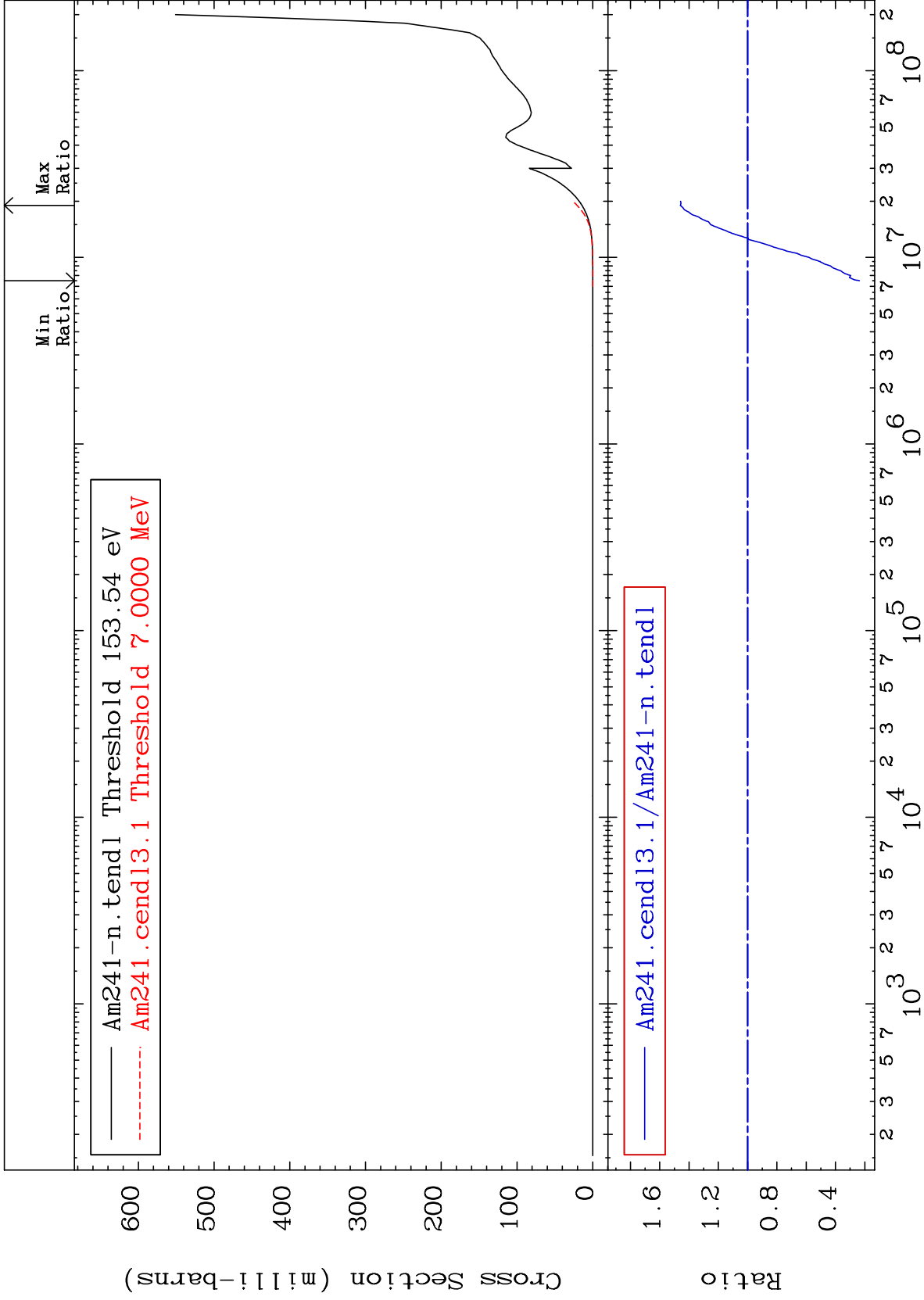
Incident Energy (eV)

95-Am-241

MAT 9543

Hydrogen Production Cross Section

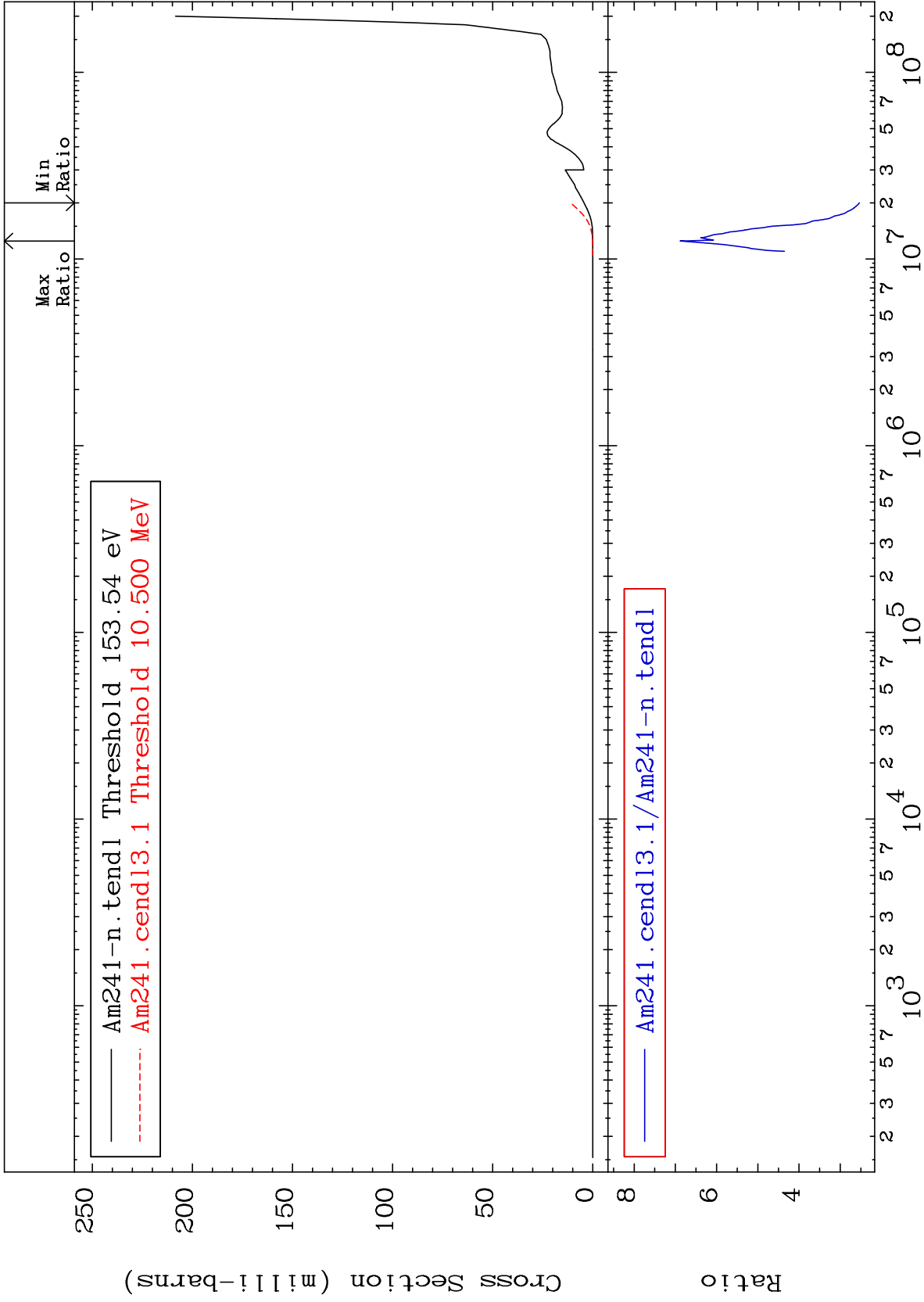
95-Am-241
-76.36 To 45.93 %

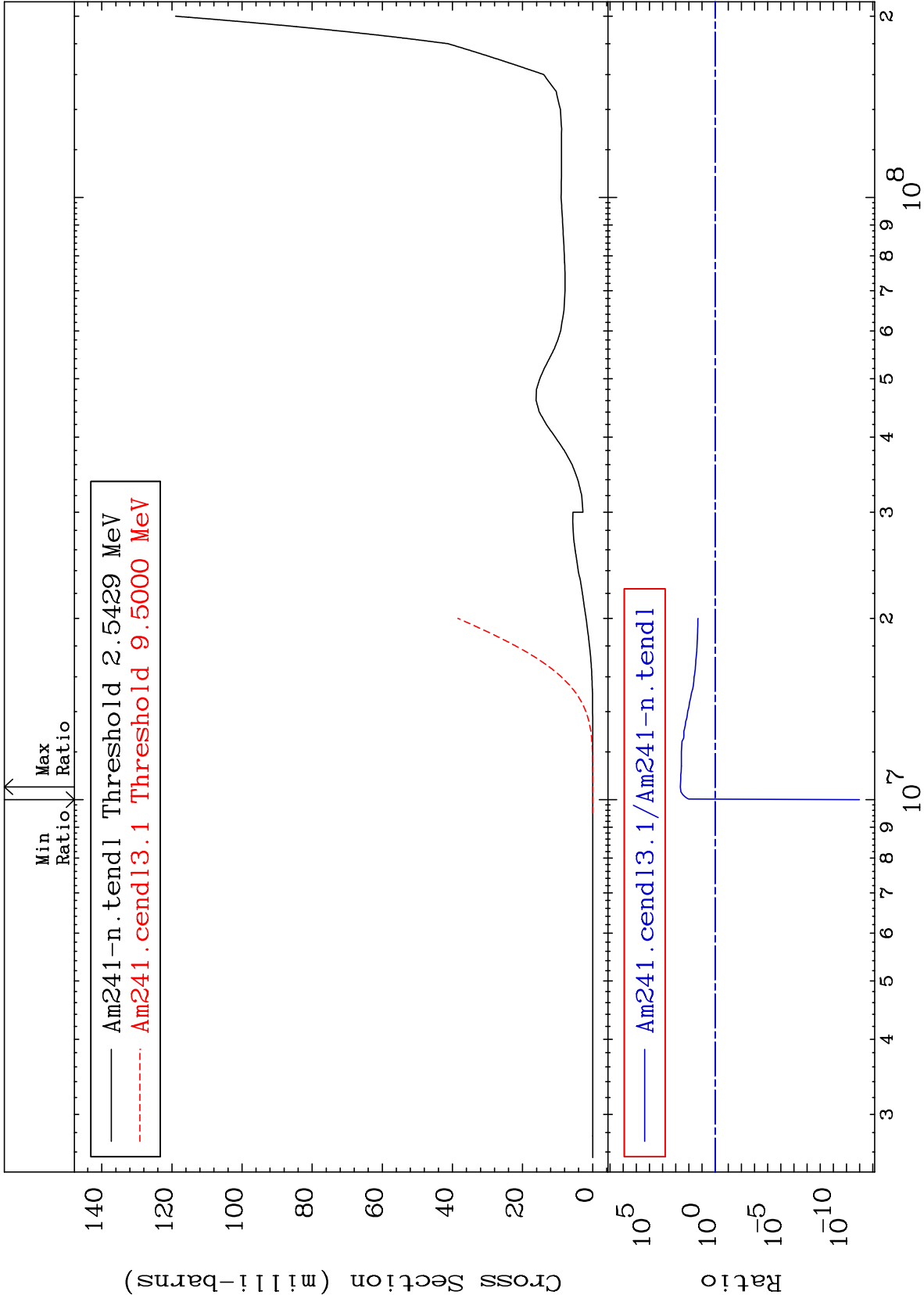


MAT 9543

Deuterium Production
Cross Section

95-Am-241
153.5 To 587.9 %

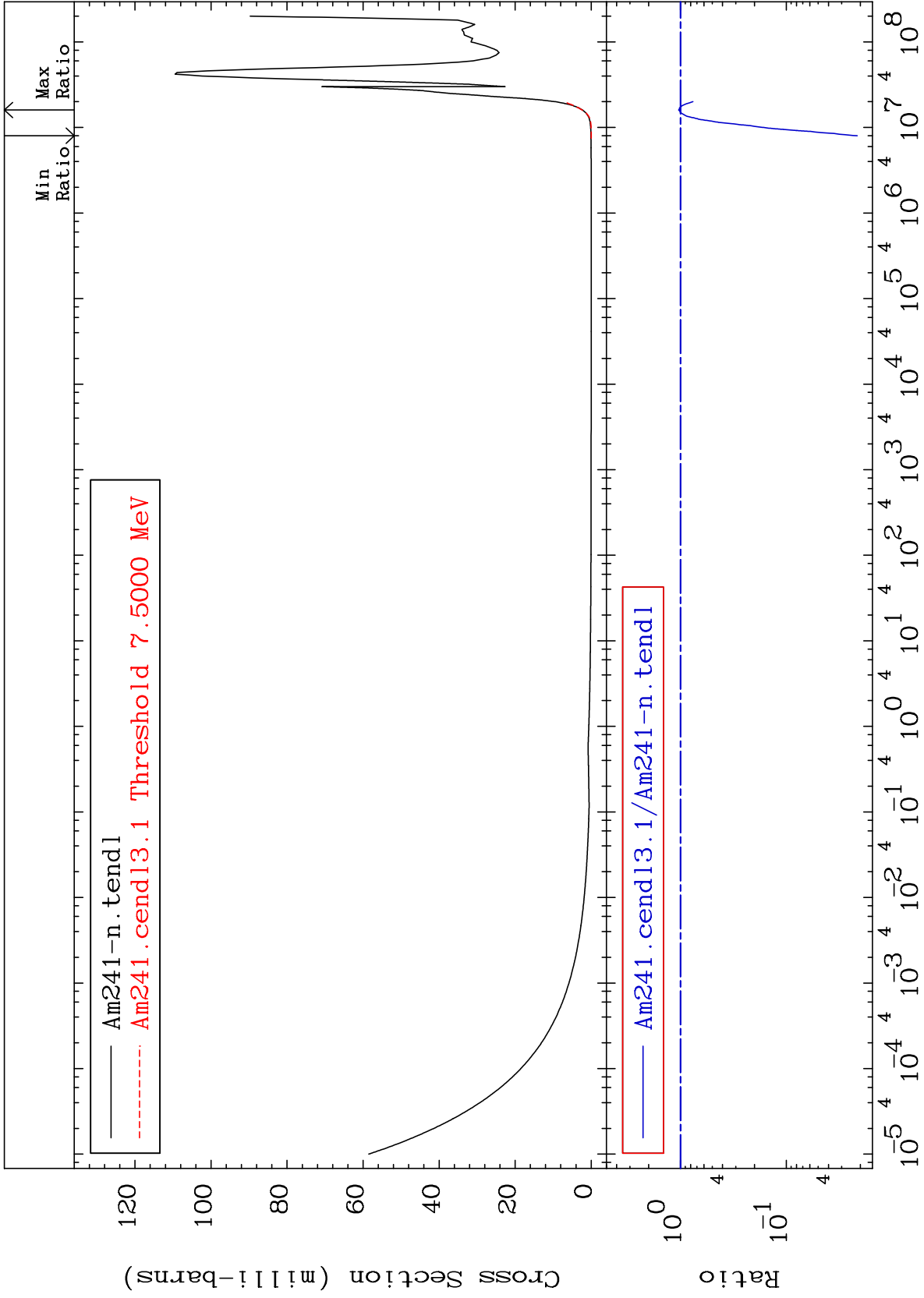




MAT 9543

He-4 Production
Cross Section

95-Am-241
-97.86 To 3.964 %



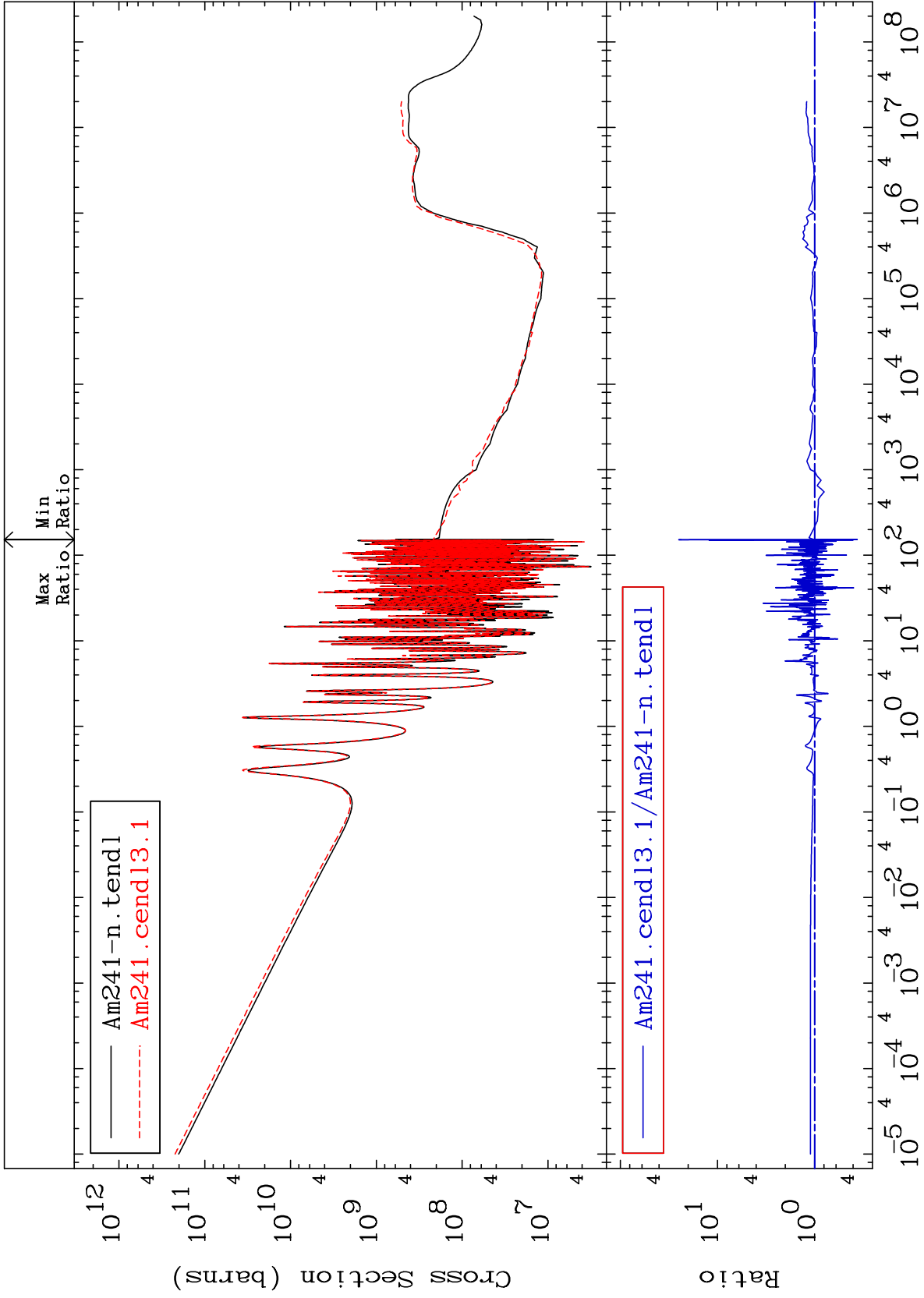
MAT 9543

Kerma total (eV-barns)

95-Am-241

-63.70 To 2412. %

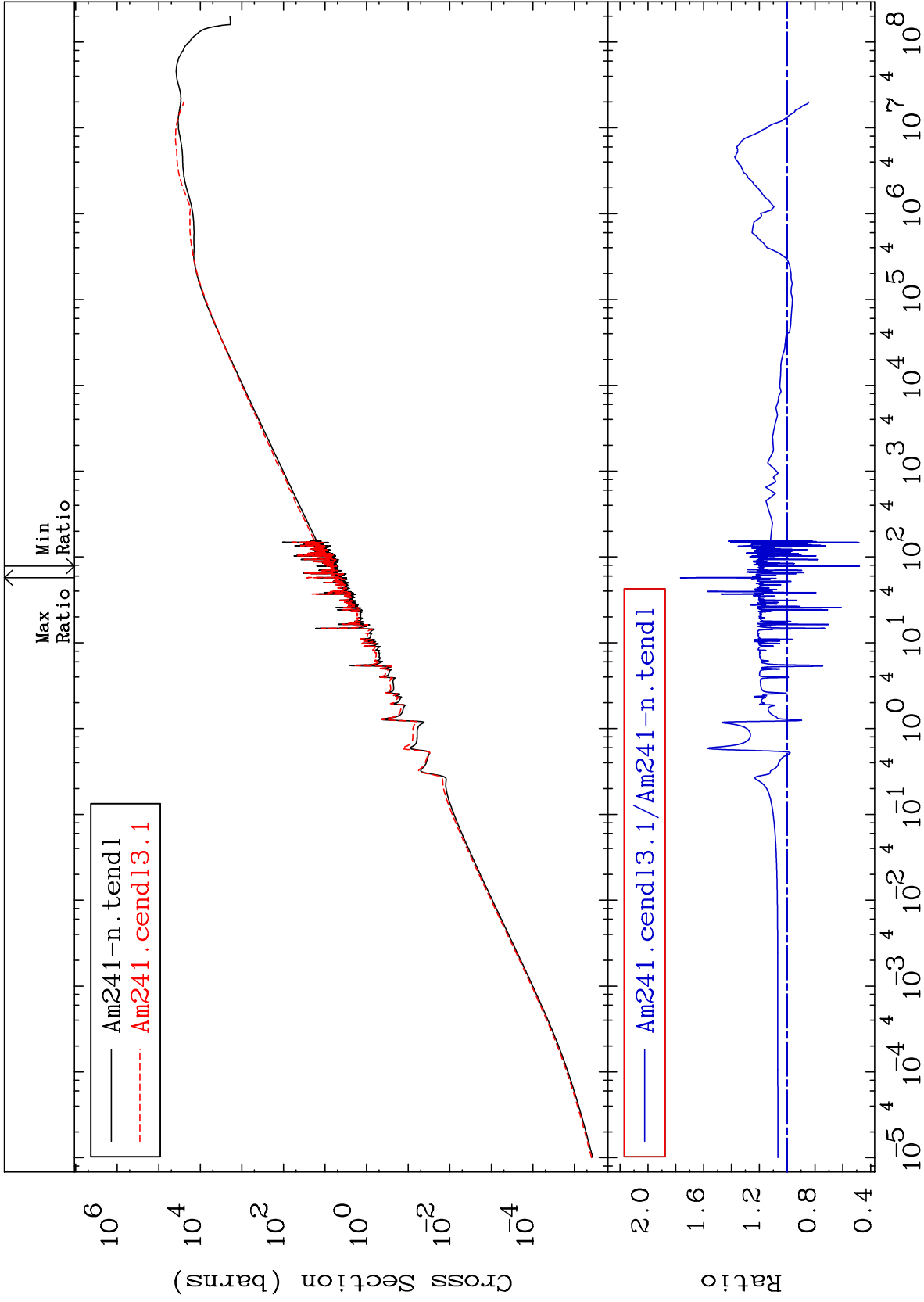
Cross Section

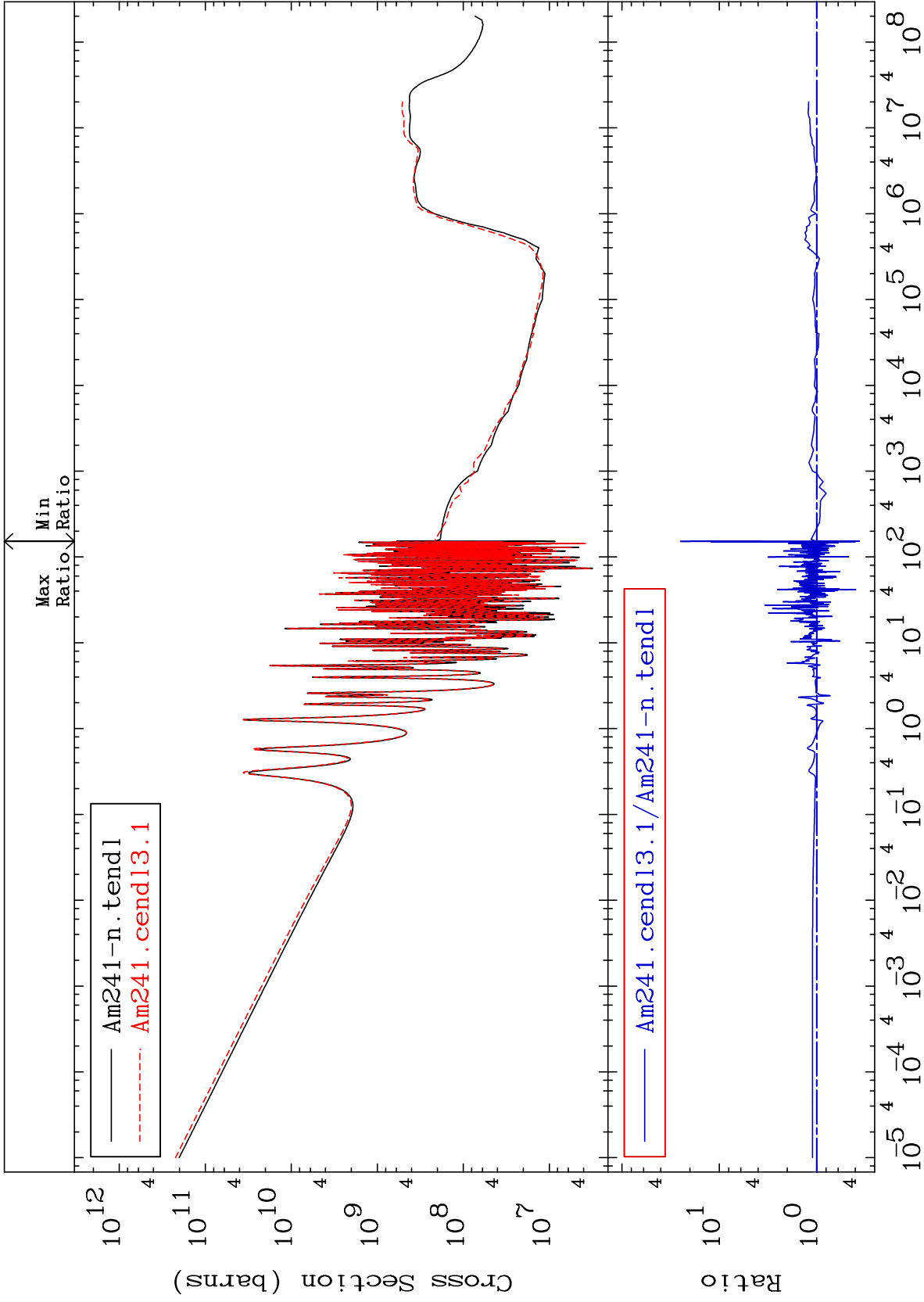


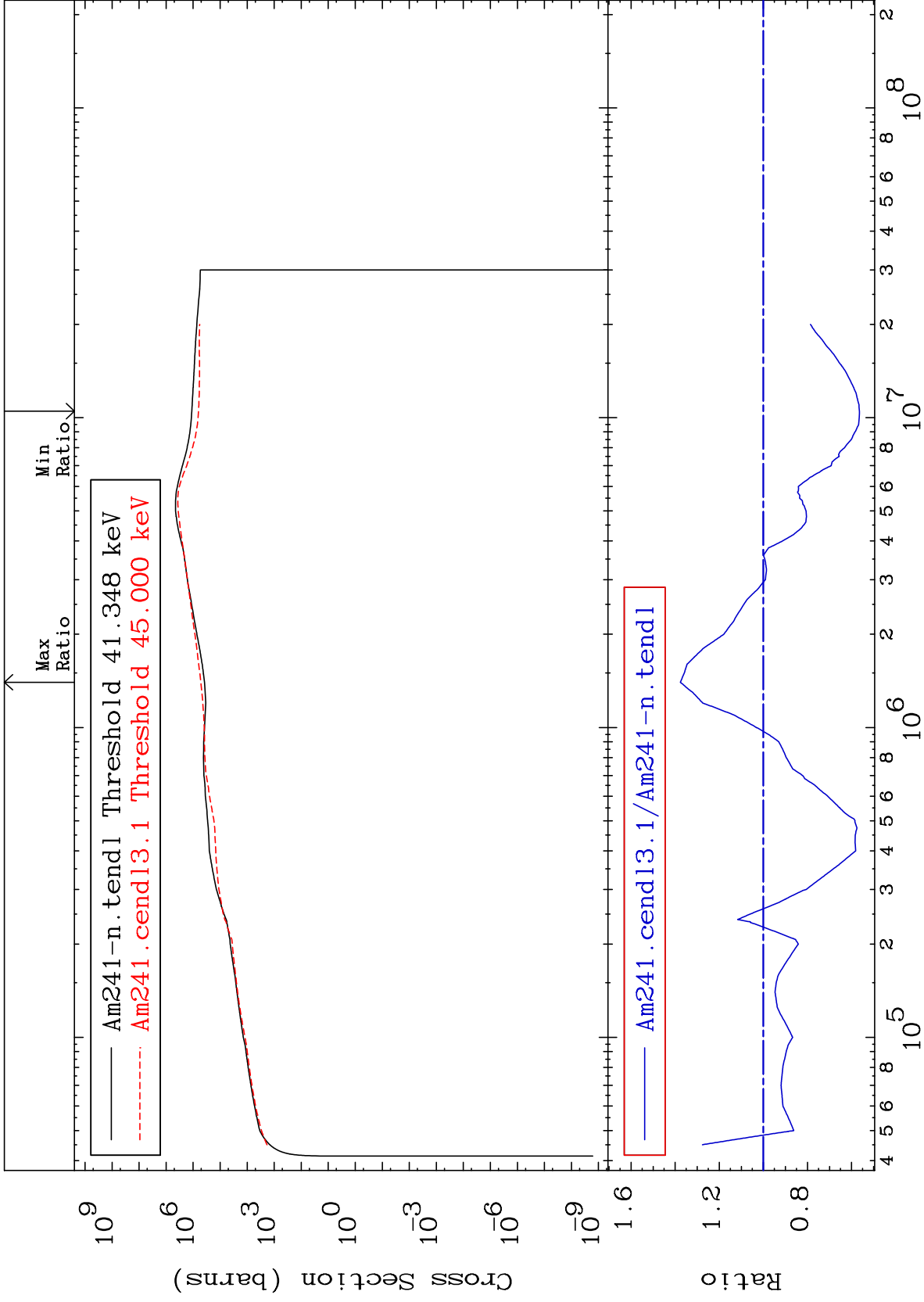
MAT 9543

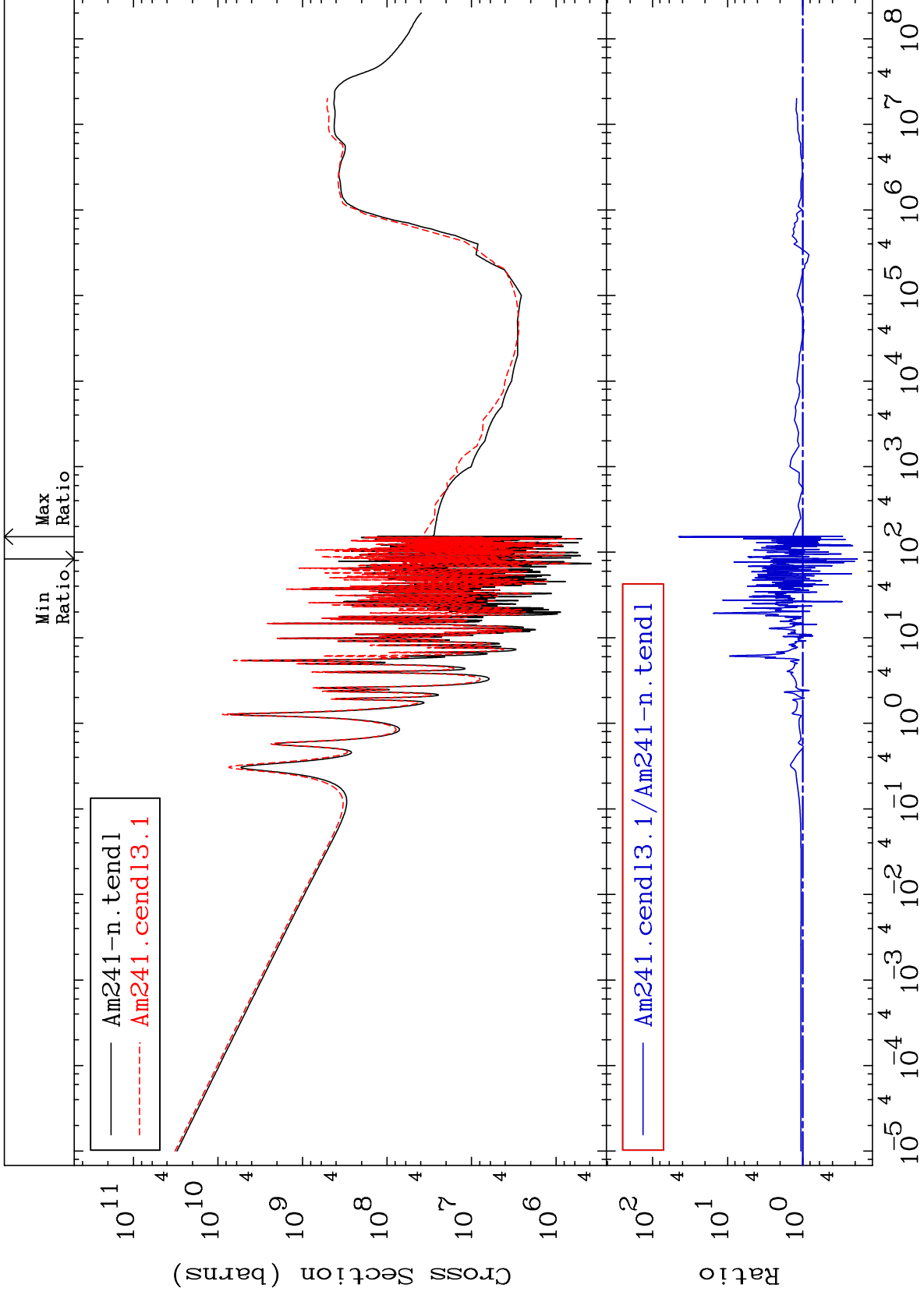
Kerma elastic
Cross Section

95-Am-241
-51.91 To 76.74 %





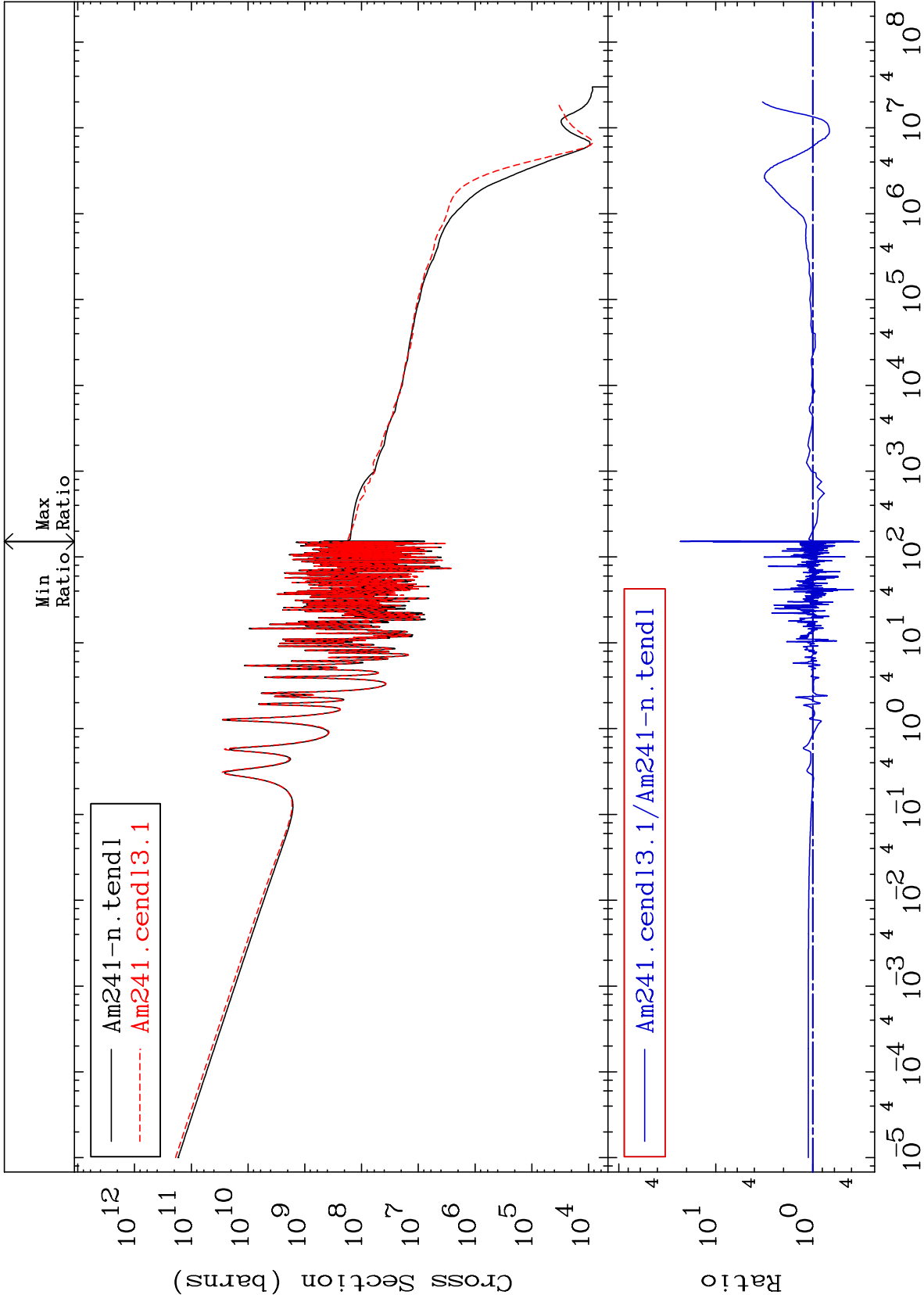




MAT 9543

Kerma capture (mt102)
Cross Section

95-Am-241
-66.92 To 2219. %



40

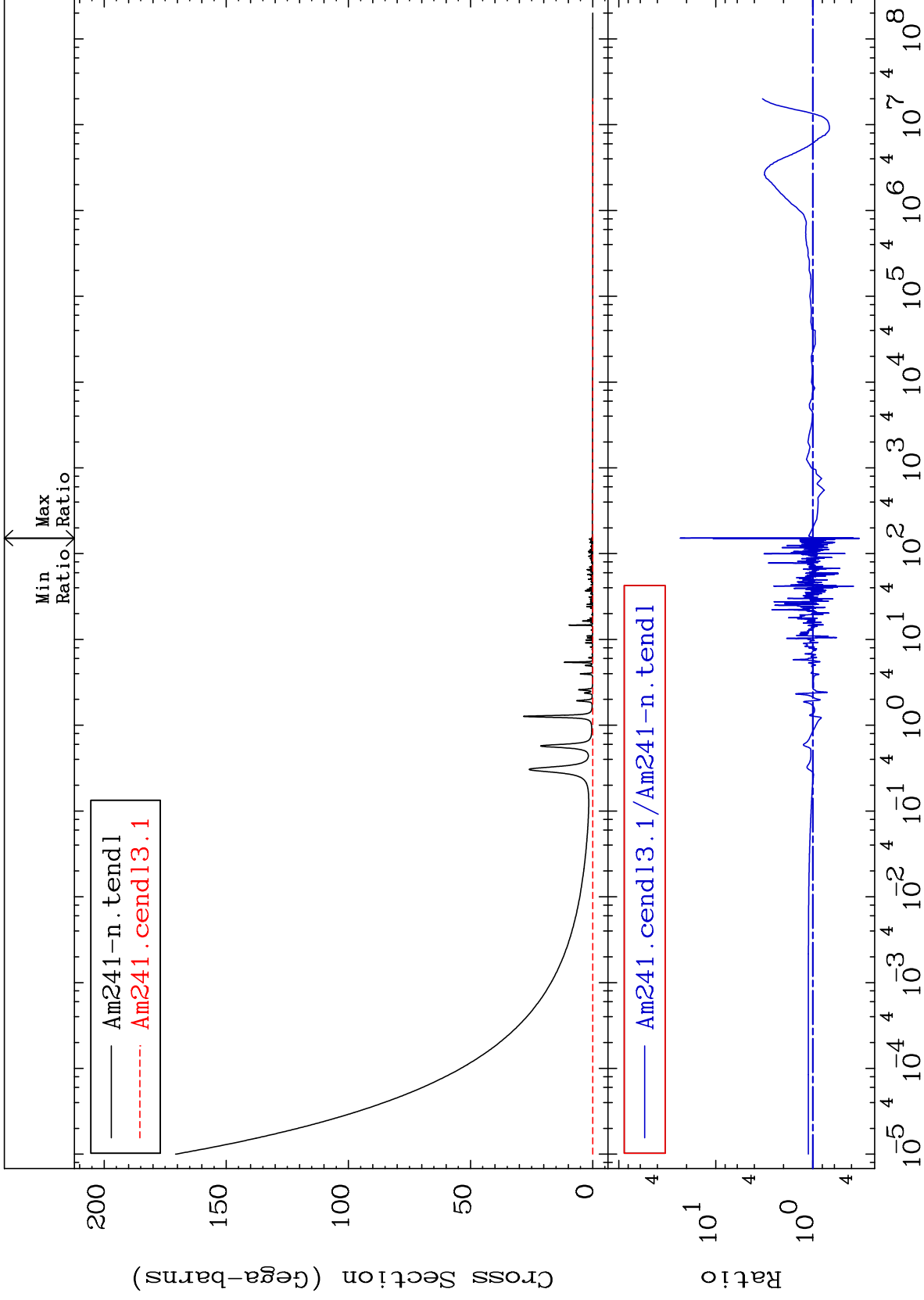
Incident Energy (eV)

95-Am-241

MAT 9543

Total photon (eV-barns)
Cross Section

95-Am-241
-66.92 To 2219. %



41

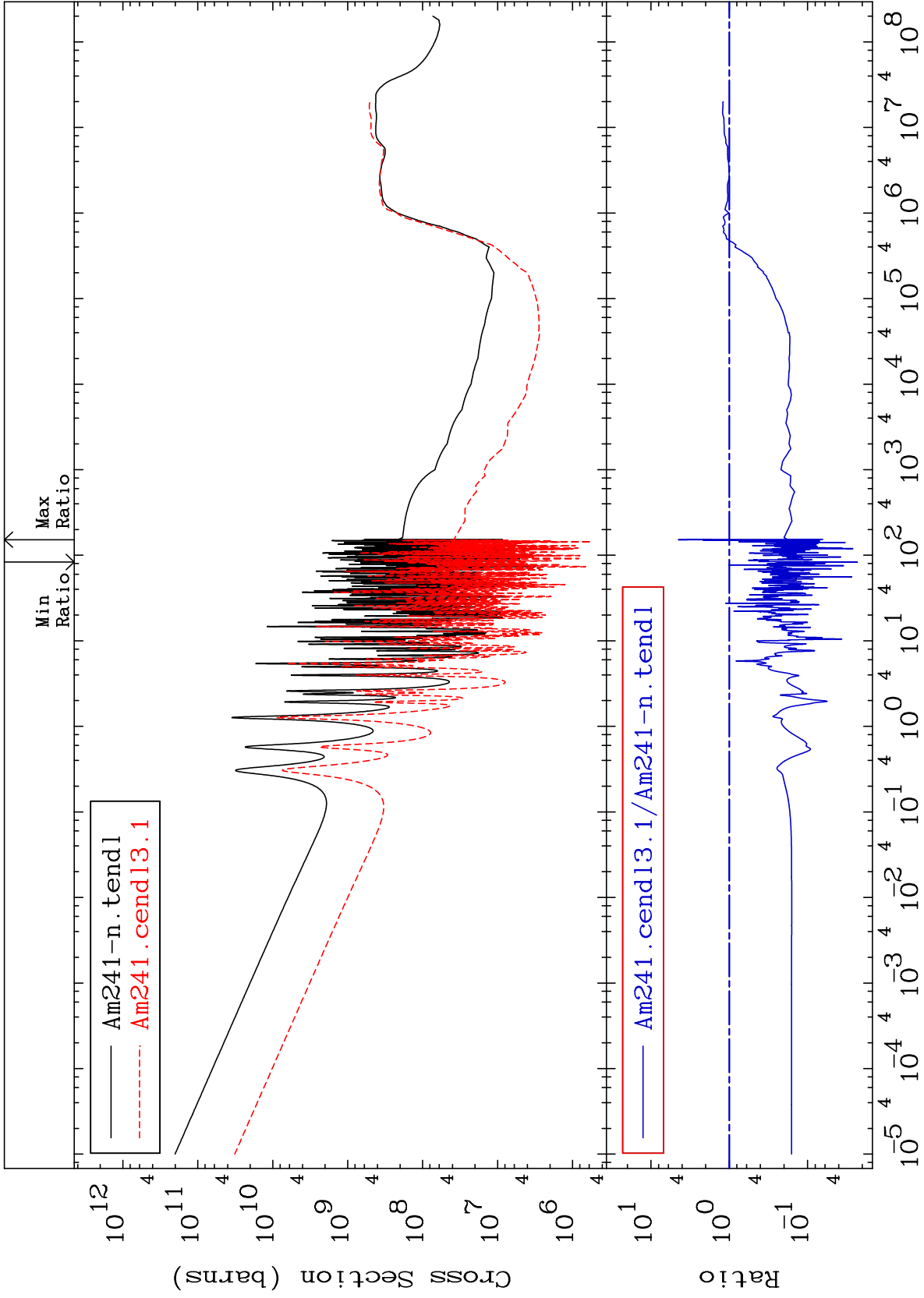
Incident Energy (eV)

95-Am-241

MAT 9543

Total kinematic kerma (high limit)

95-Am-241
-97.68 To 343.0 %



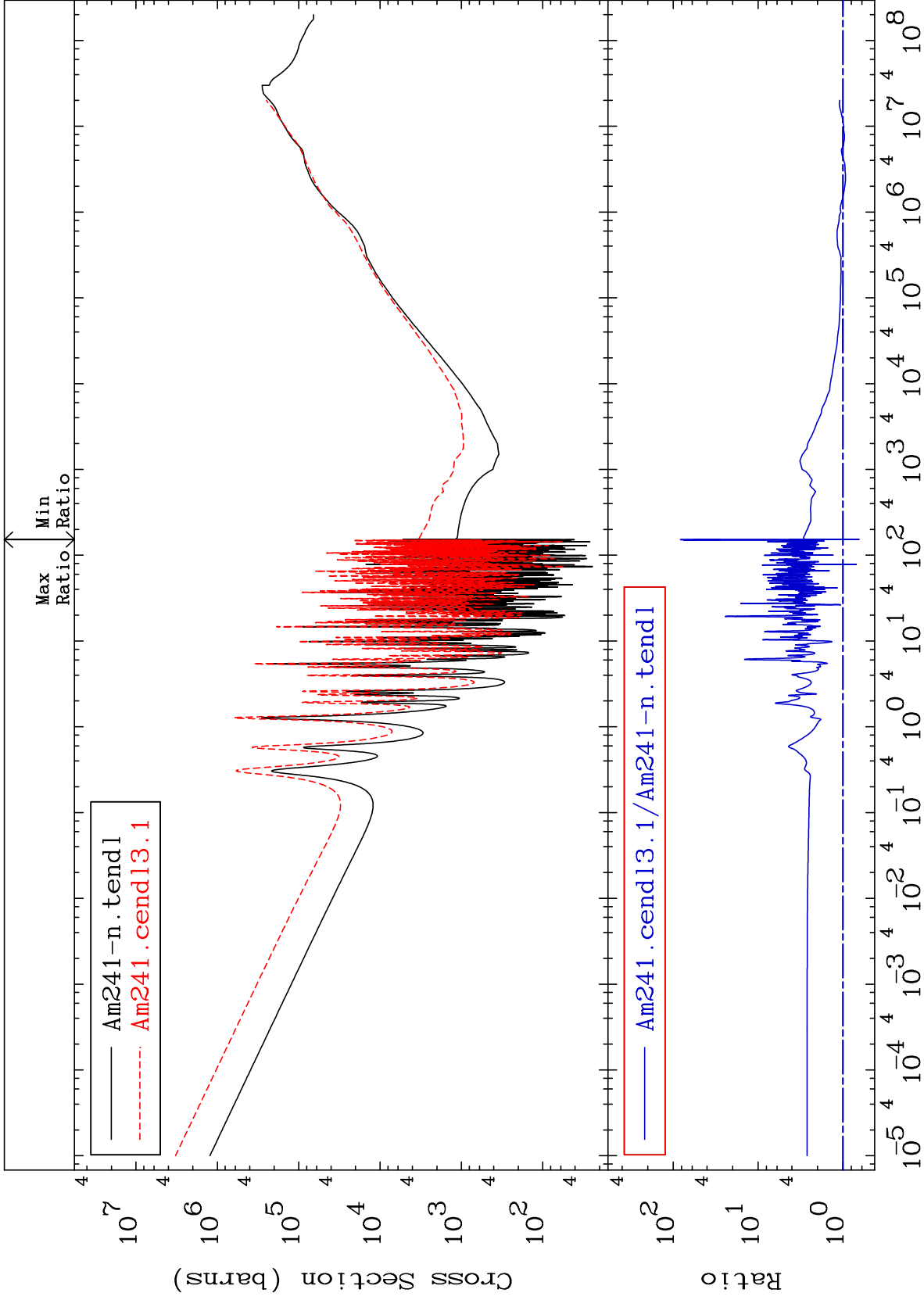
MAT 9543

Dpa total (eV-barns)

95-Am-241

-35.92 To 8162. %

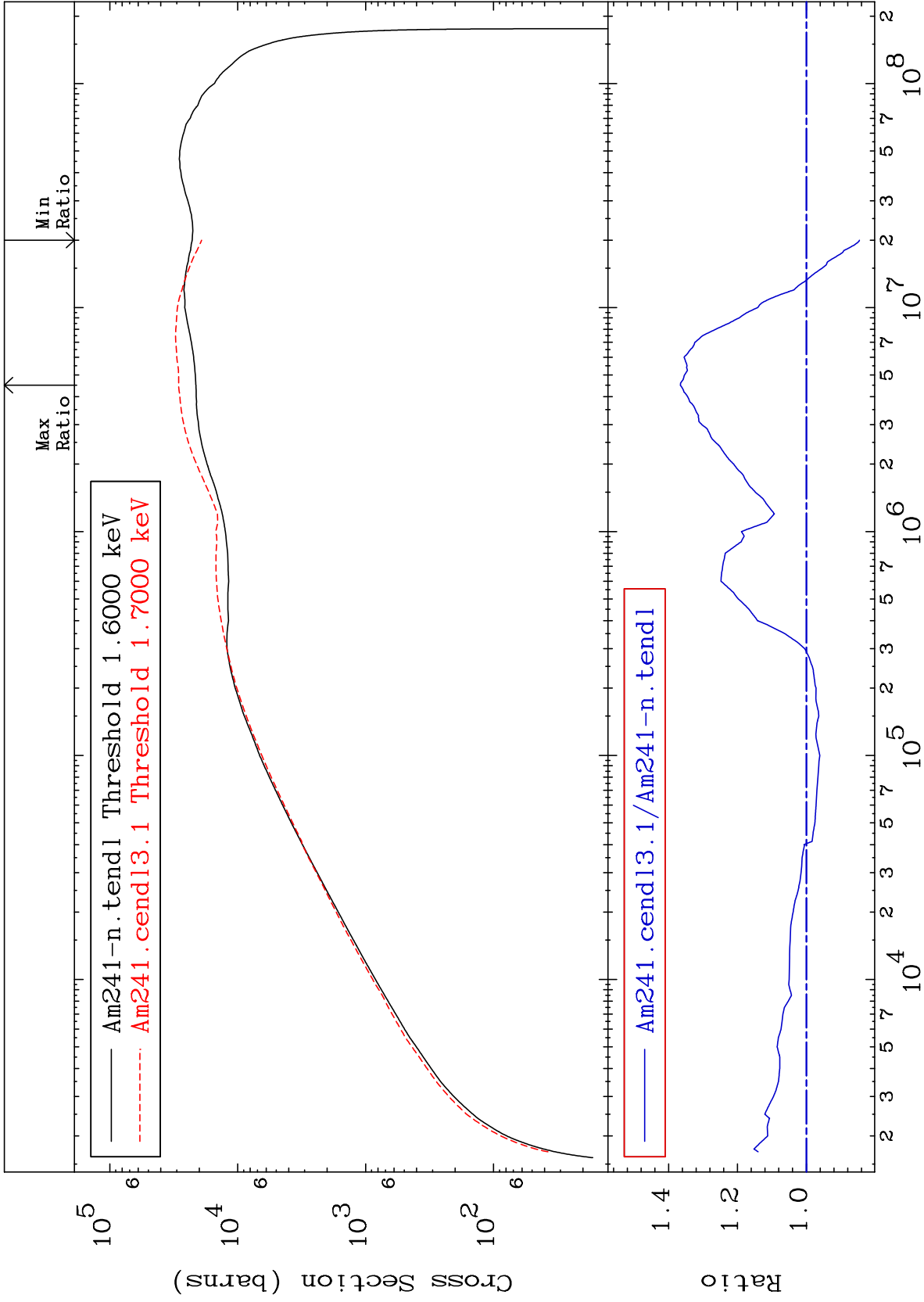
Cross Section



MAT 9543

Dpa elastic (mt2)
Cross Section

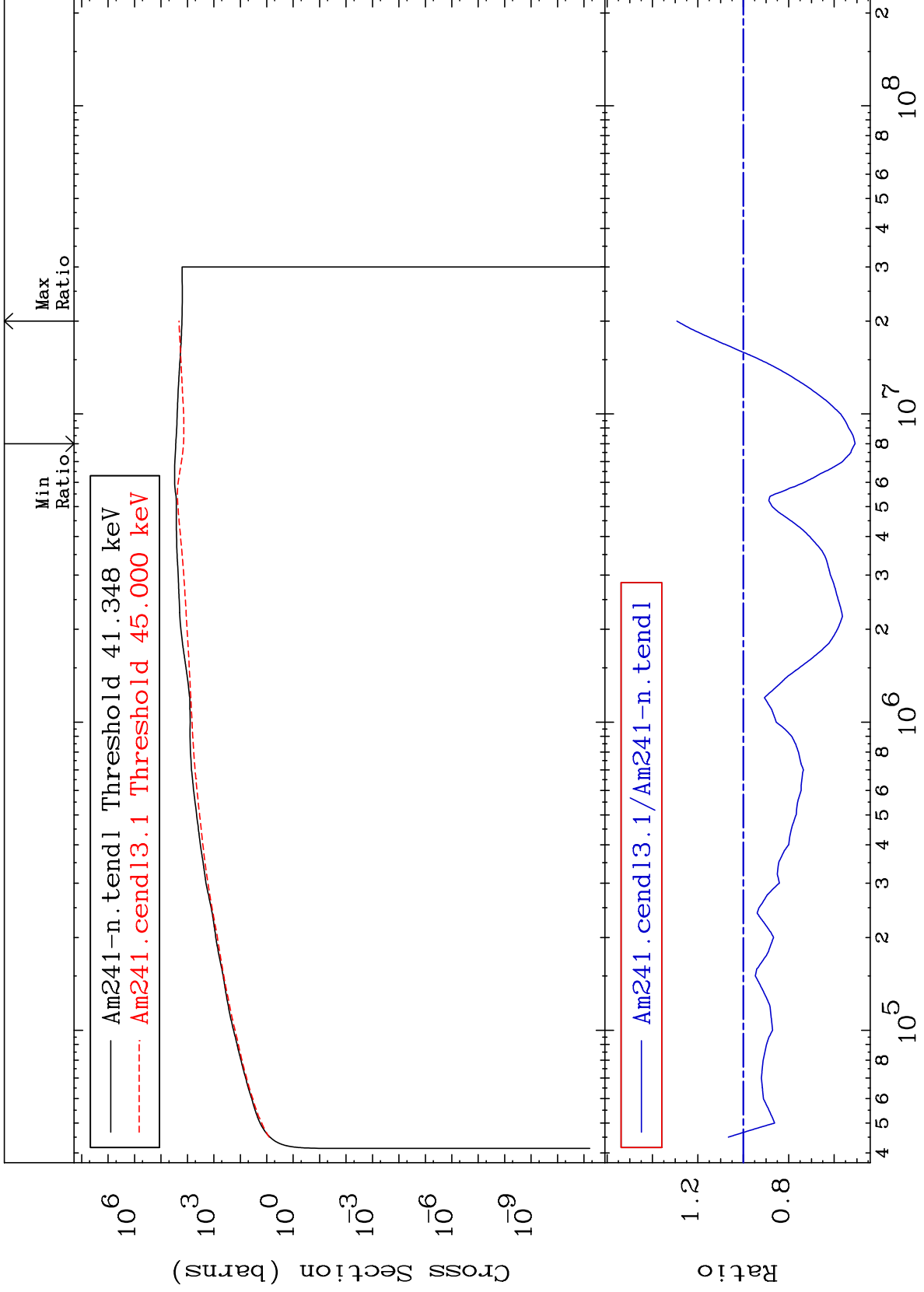
95-Am-241
-15.41 To 36.59 %



MAT 9543

Dpa inelastic (mt51-91)
Cross Section

95-Am-241
-49.22 To 29.24 %



MAT 9543

Dpa disappearance (mt102 -120)
Cross Section

83.23 To 9999. %
95-Am-241

