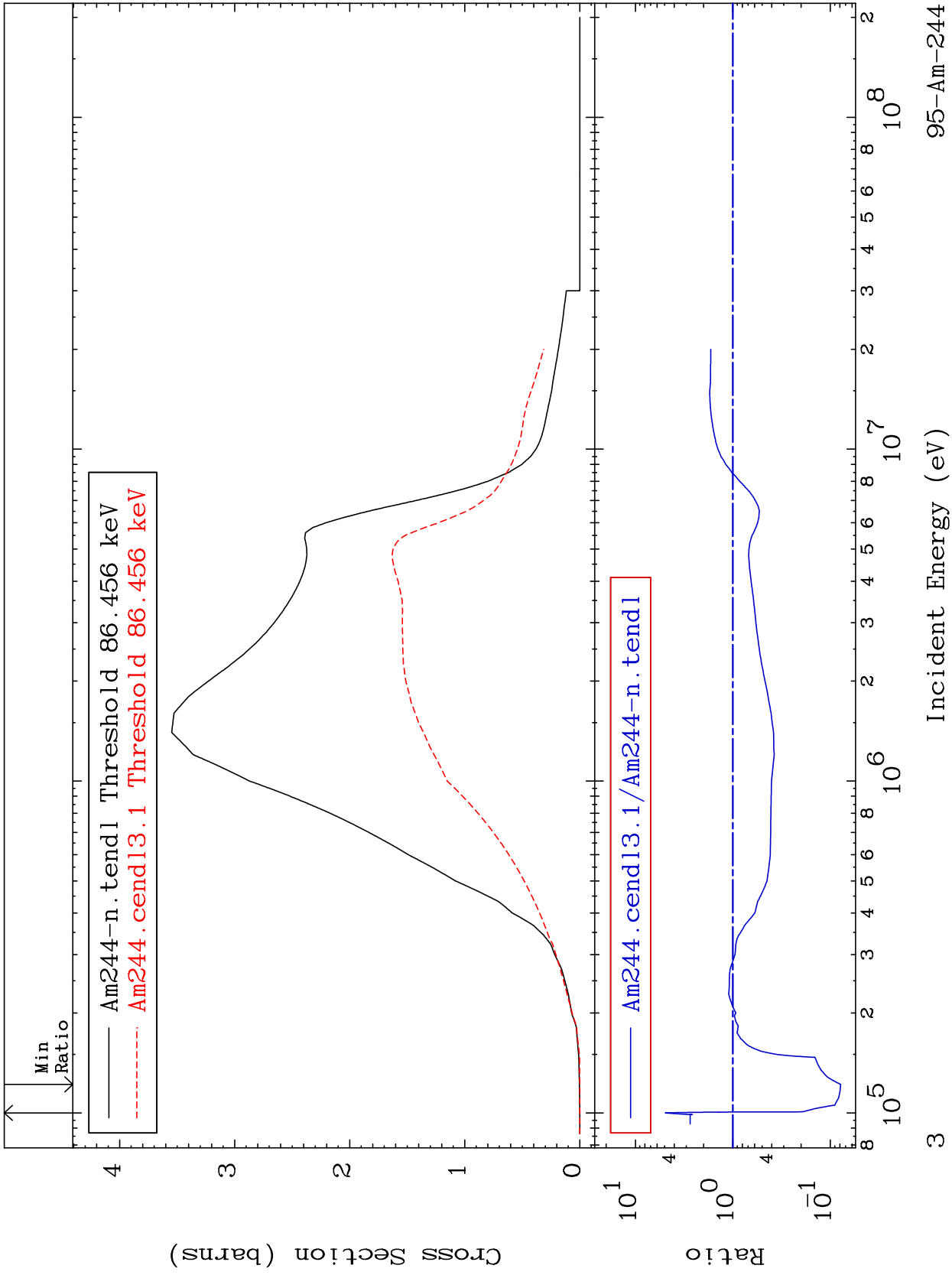


MAT 9552

Inelastic
Cross Section

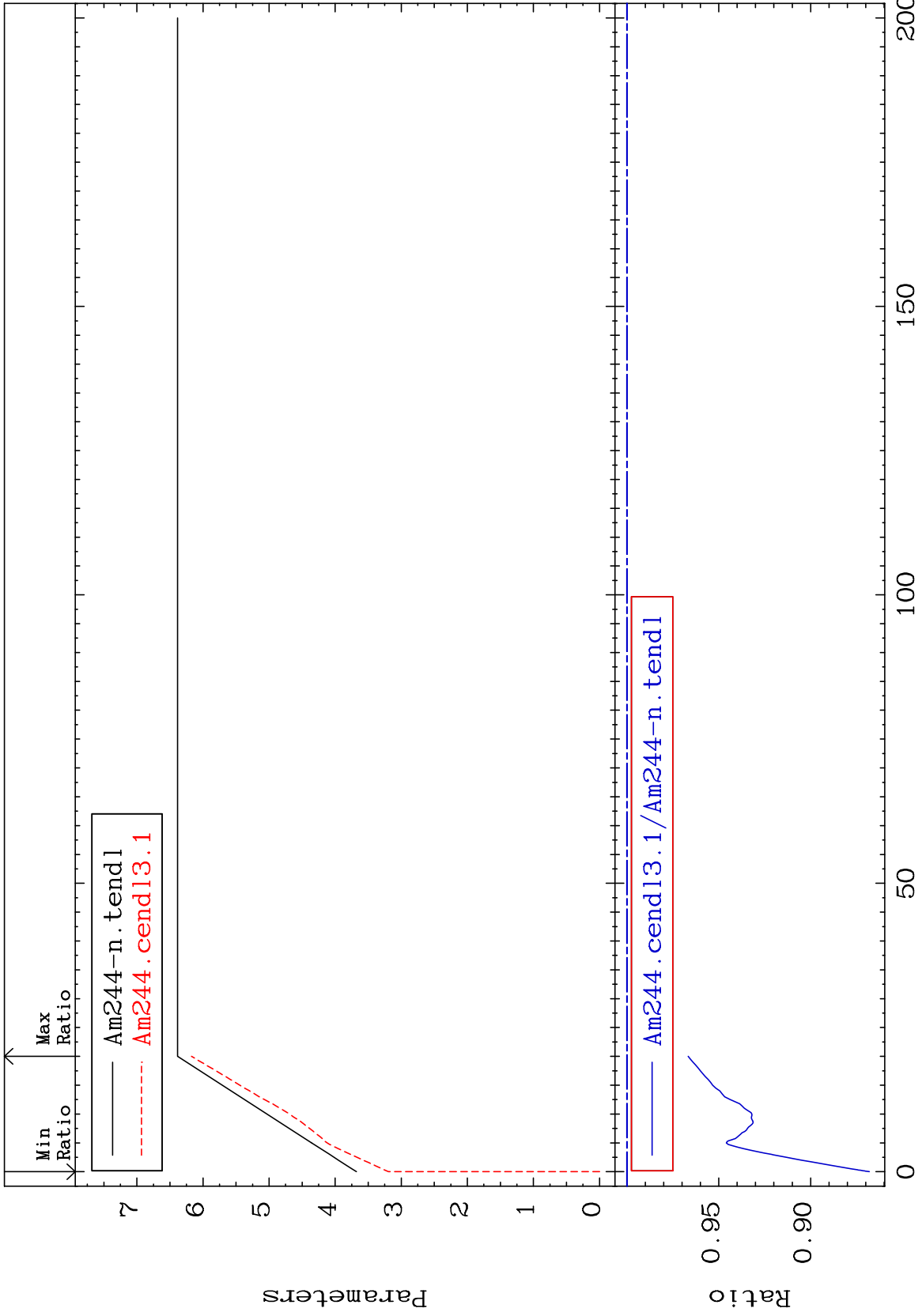
95-Am-244
-92.16 To 390.9 %



MAT 9552

Total $\bar{\nu}$
Parameters

95-Am-244
-13.20 To -3.336%



Incident Energy (MeV)

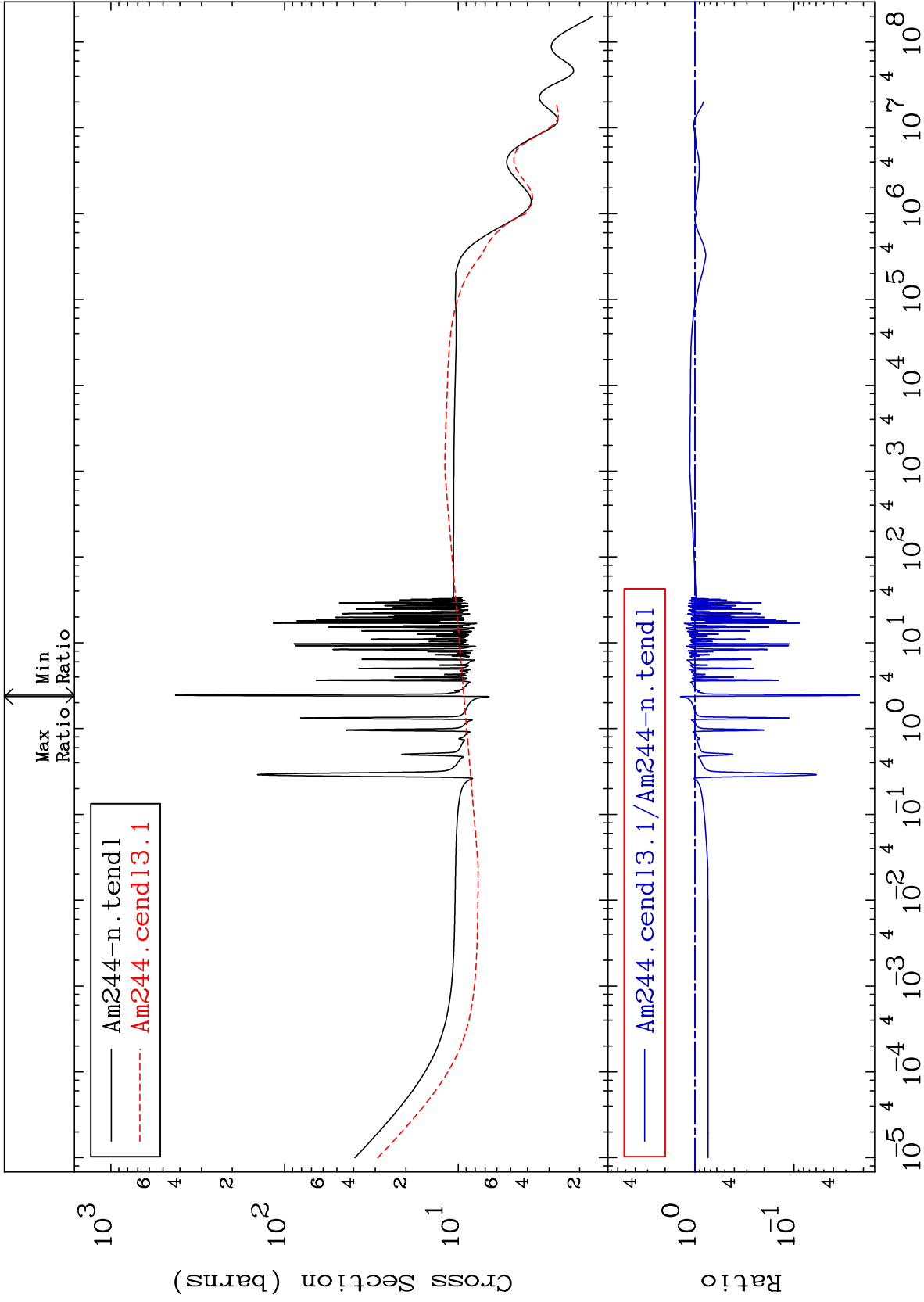
95-Am-244

1

MAT 9552

Elastic
Cross Section

95-Am-244
-97.81 To 40.25 %



Incident Energy (eV)

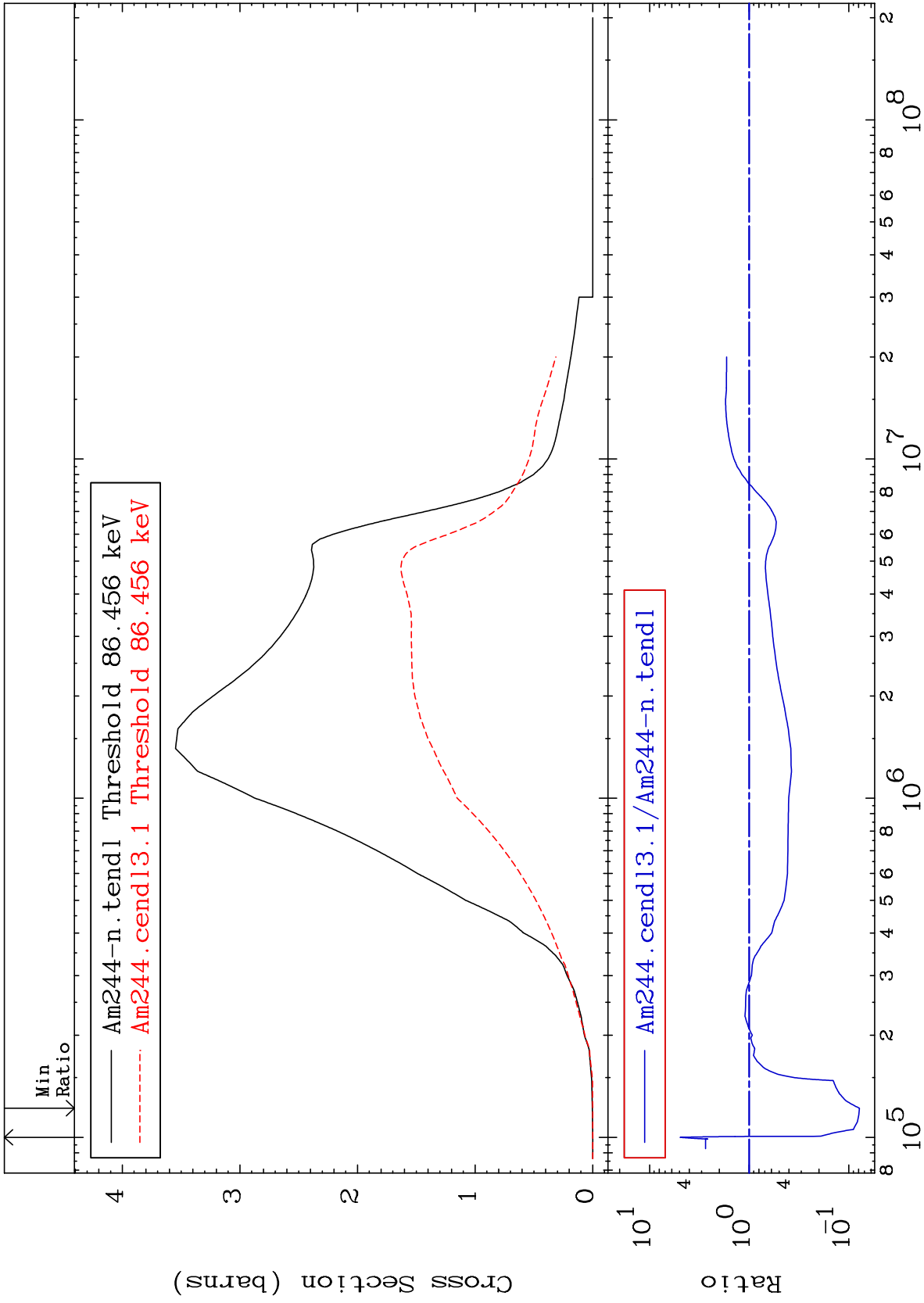
95-Am-244

2

MAT 9552

Inelastic
Cross Section

95-Am-244
-92.16 To 390.9 %

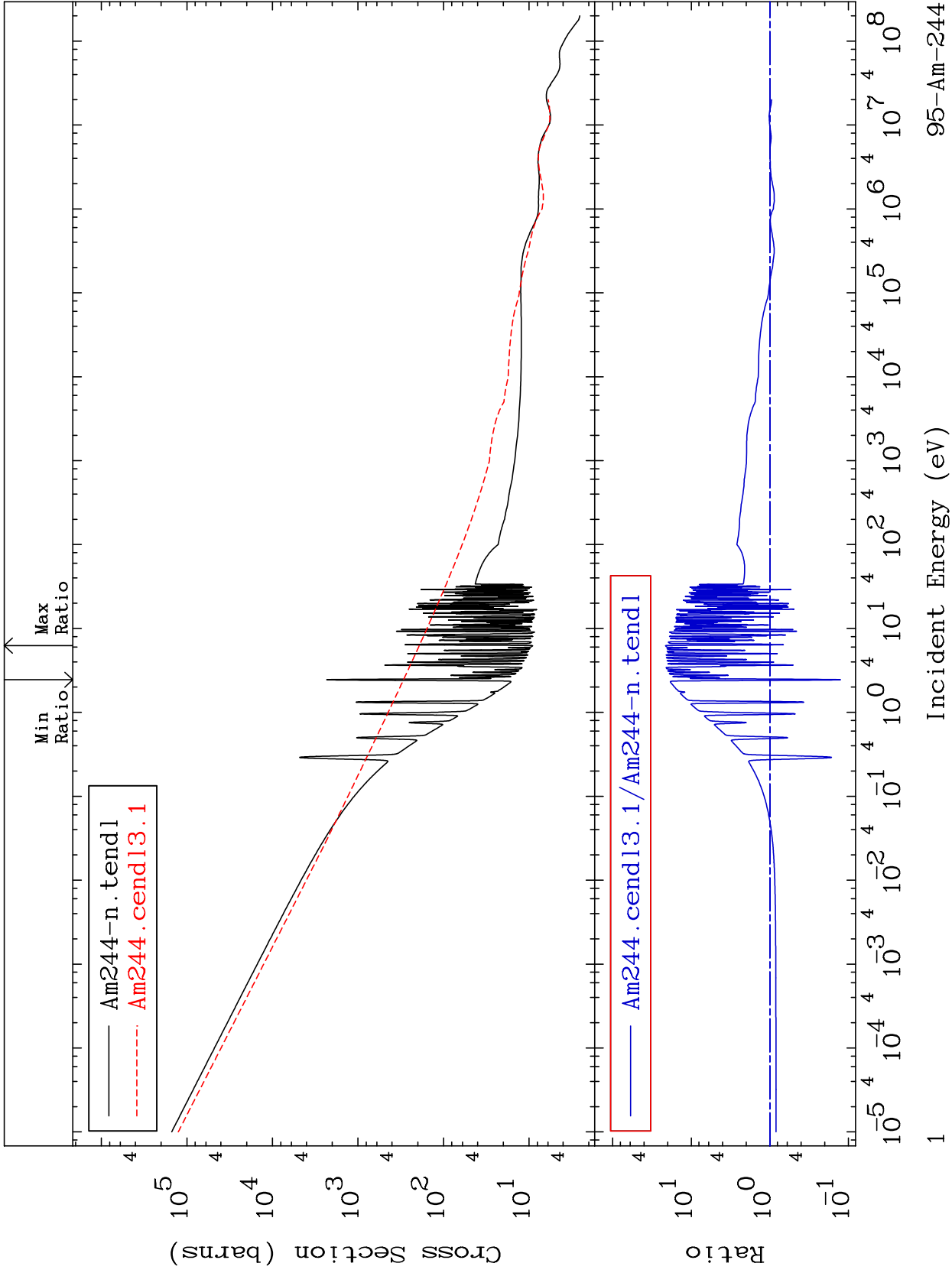


95-Am-244

95-Am-244

MAT 9552

Total Cross Section
95-Am-244
-87.44 To 2029. %

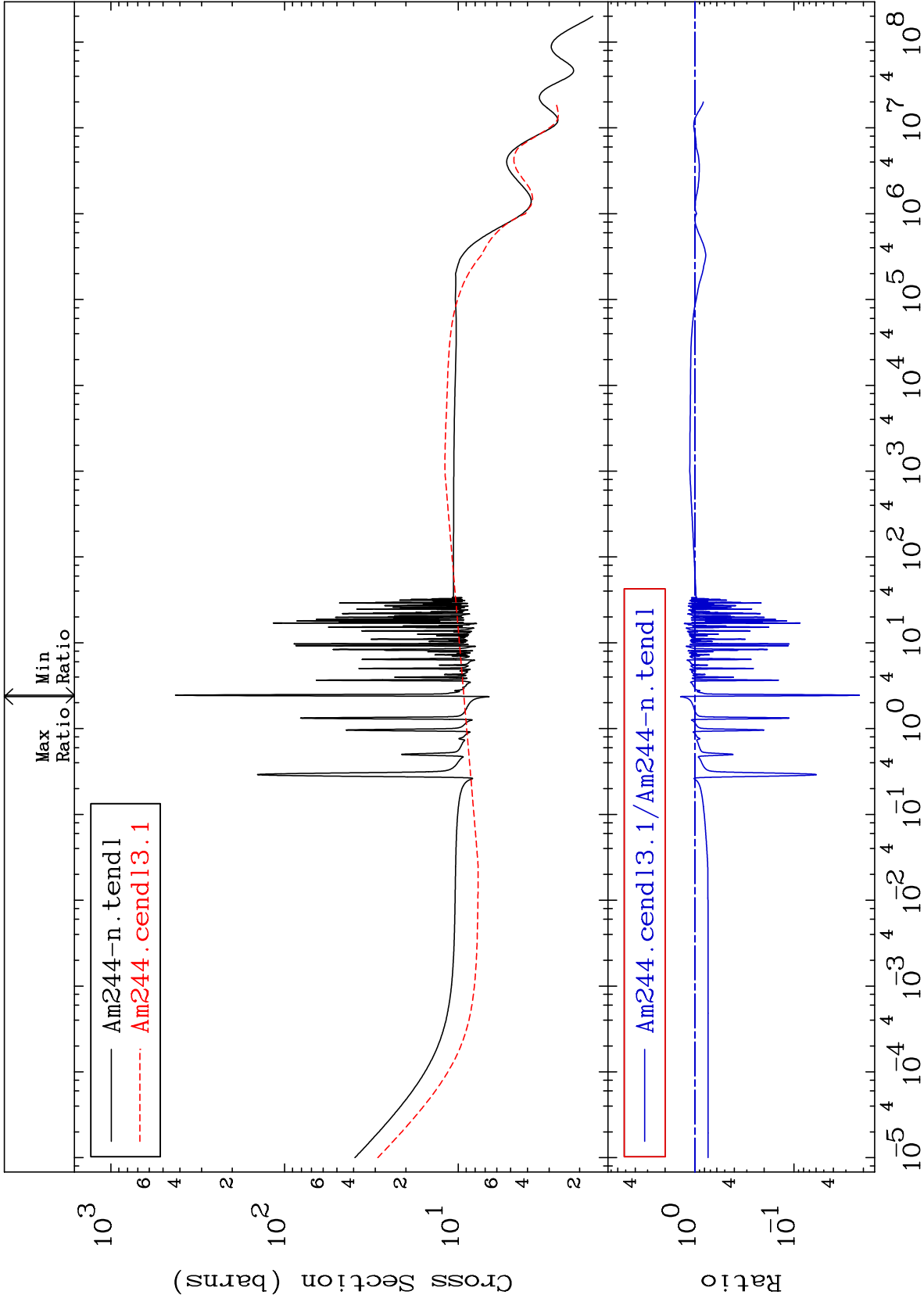


95-Am-244

MAT 9552

Elastic
Cross Section

95-Am-244
-97.81 To 40.25 %



Incident Energy (eV)

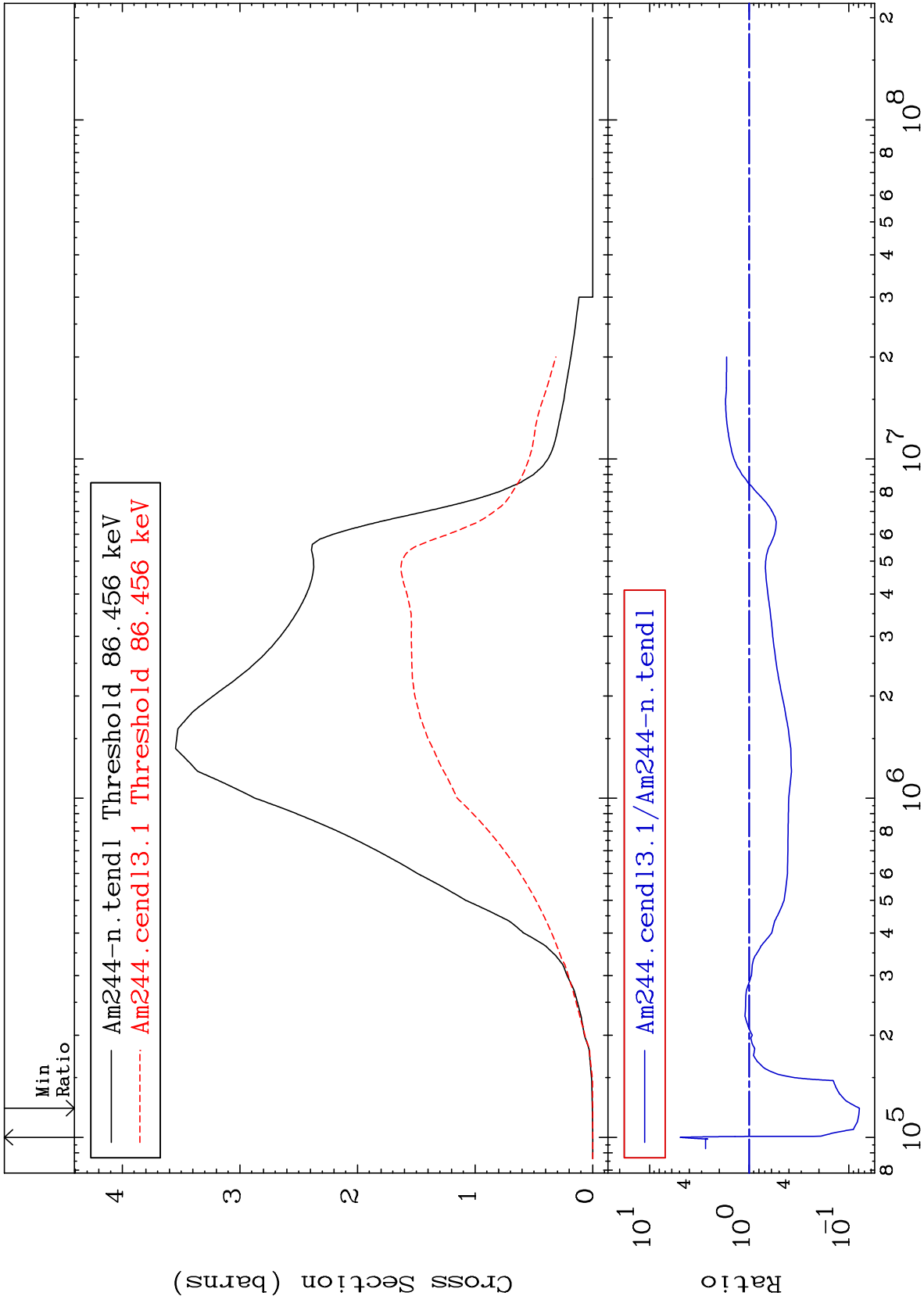
95-Am-244

2

MAT 9552

Inelastic
Cross Section

95-Am-244
-92.16 To 390.9 %



Incident Energy (eV)

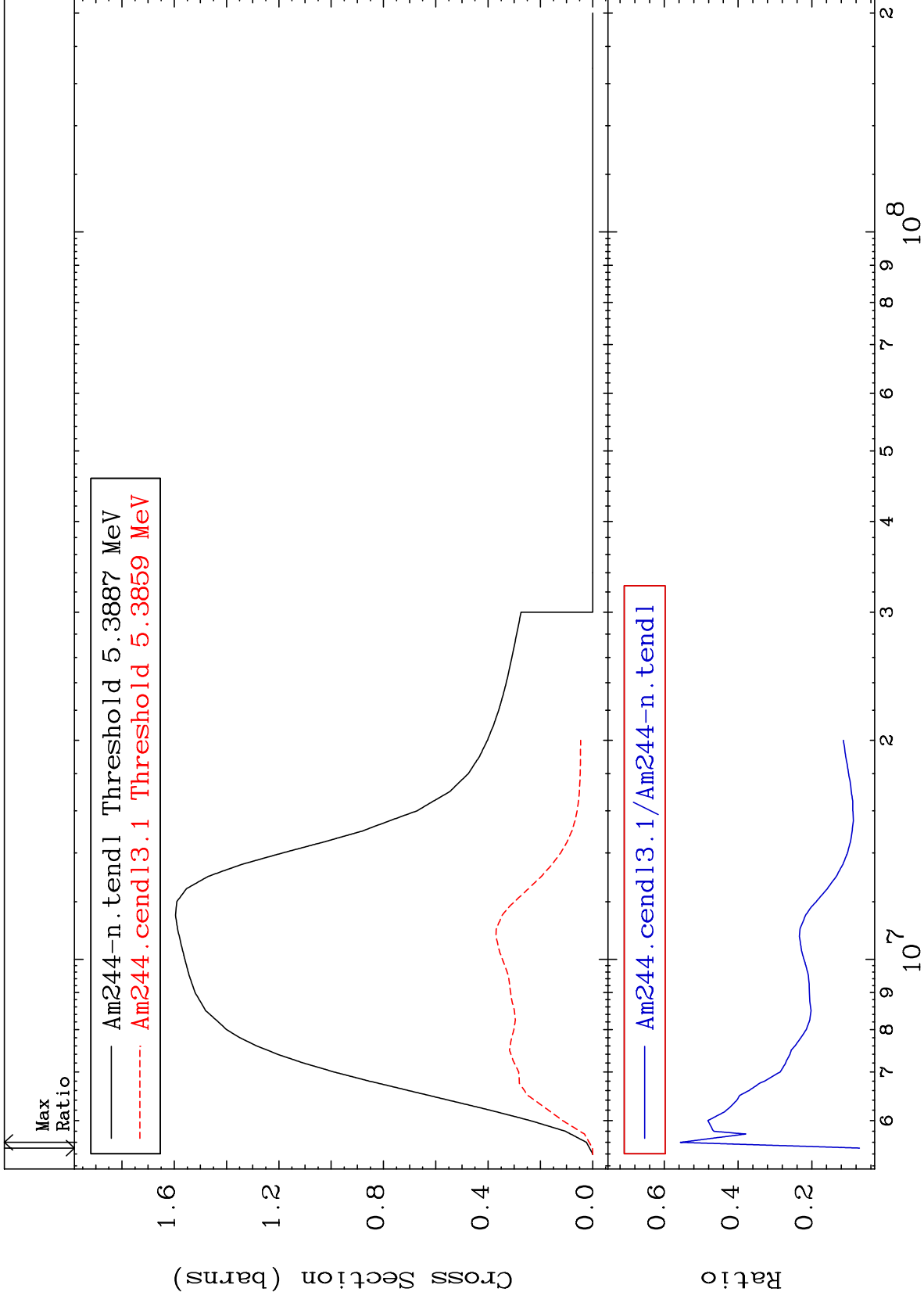
95-Am-244

3

MAT 9552

(n,2n)
Cross Section

95-Am-244
-92.91 To -44.35%



4

Incident Energy (eV)

95-Am-244

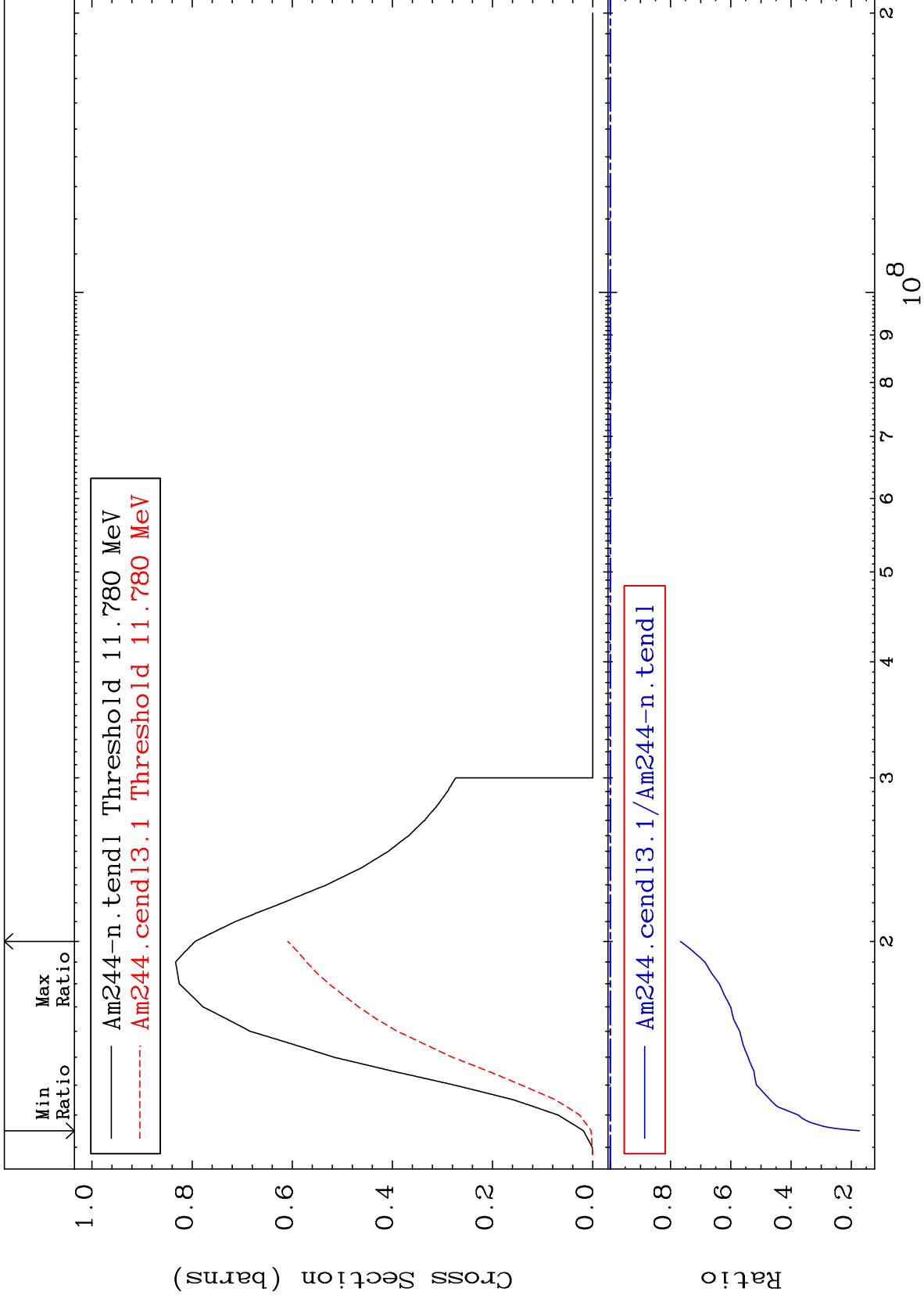
MAT 9552

(n,3n)

95-Am-244

Cross Section

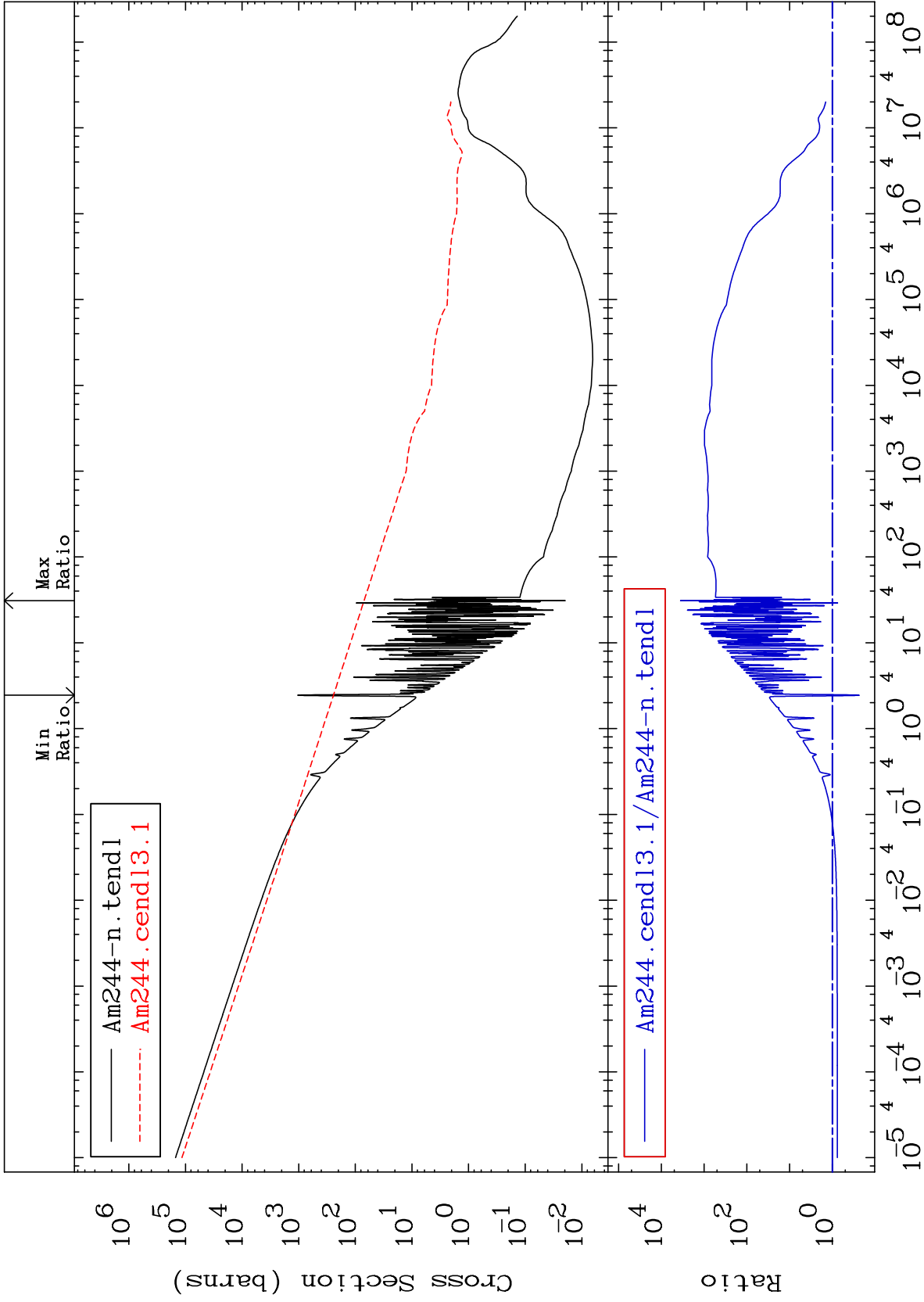
-82.70 To -23.26%



MAT 9552

Fission Cross Section

95-Am-244
-76.66 To 9999. %



Incident Energy (eV)

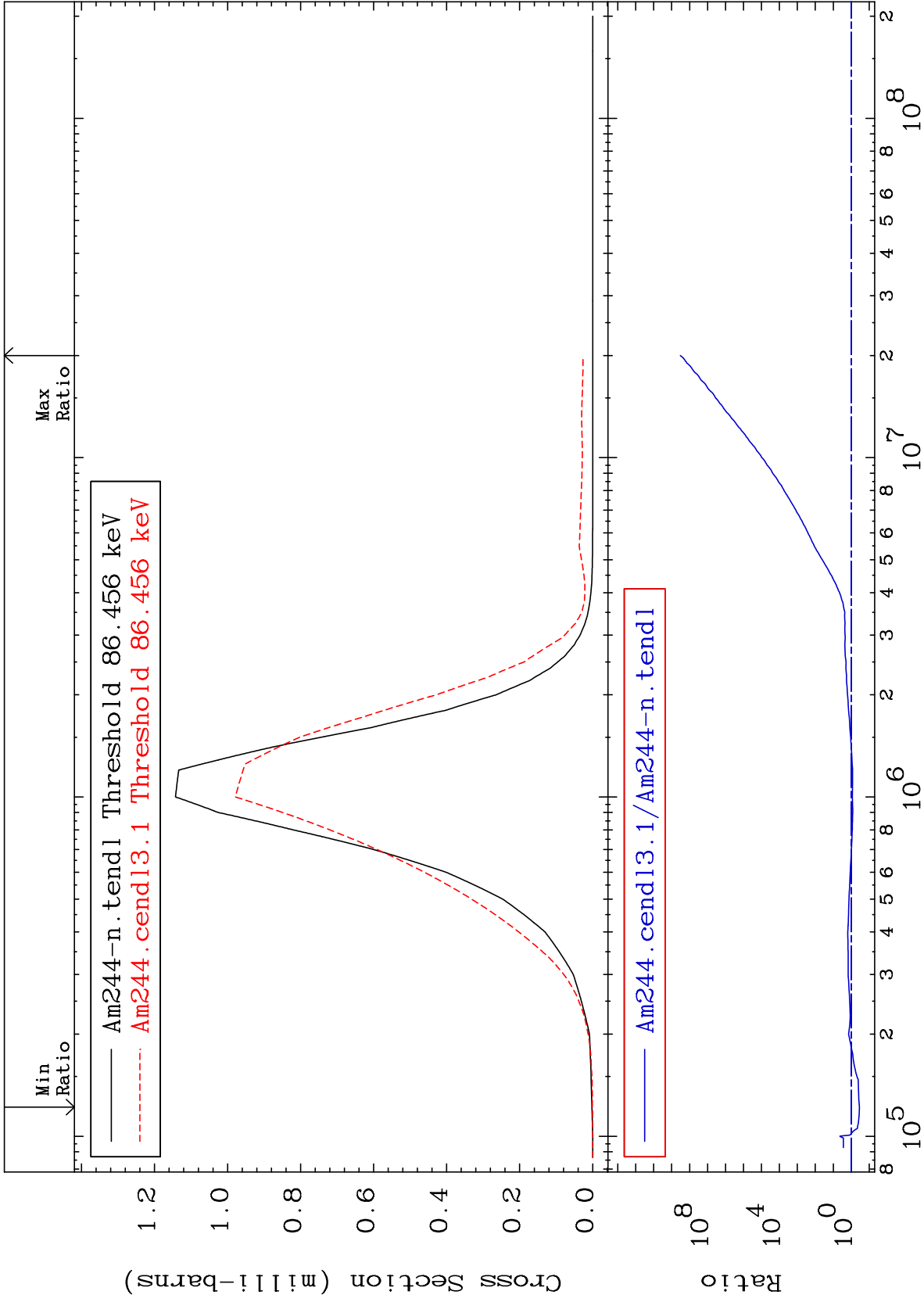
95-Am-244

6

MAT 9552

86.10 keV (n,n') Level
Cross Section

95-Am-244
-65.05 To 9999. %



7

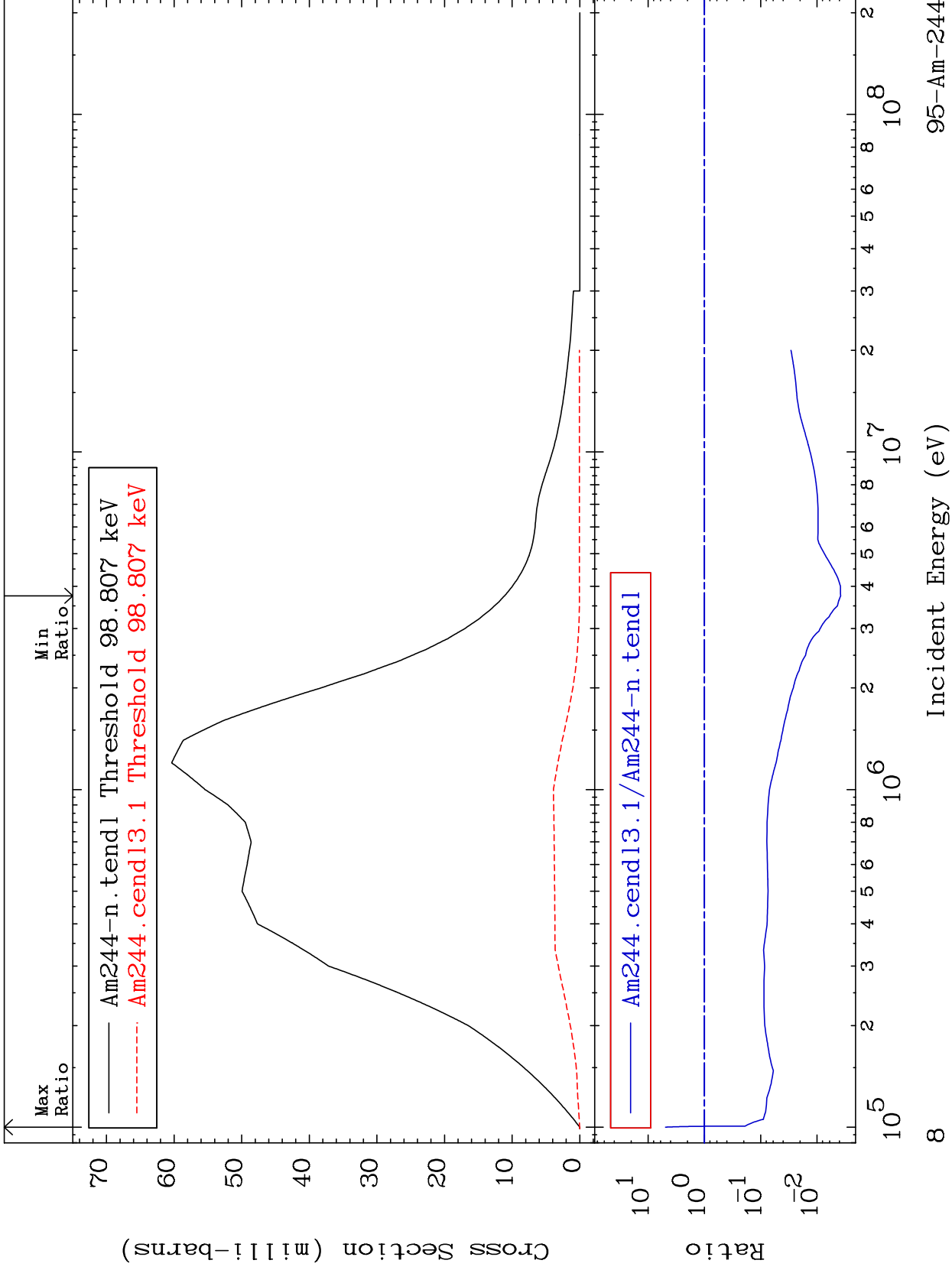
Incident Energy (eV)

95-Am-244

MAT 9552

98.40 keV (n,n') Level
Cross Section

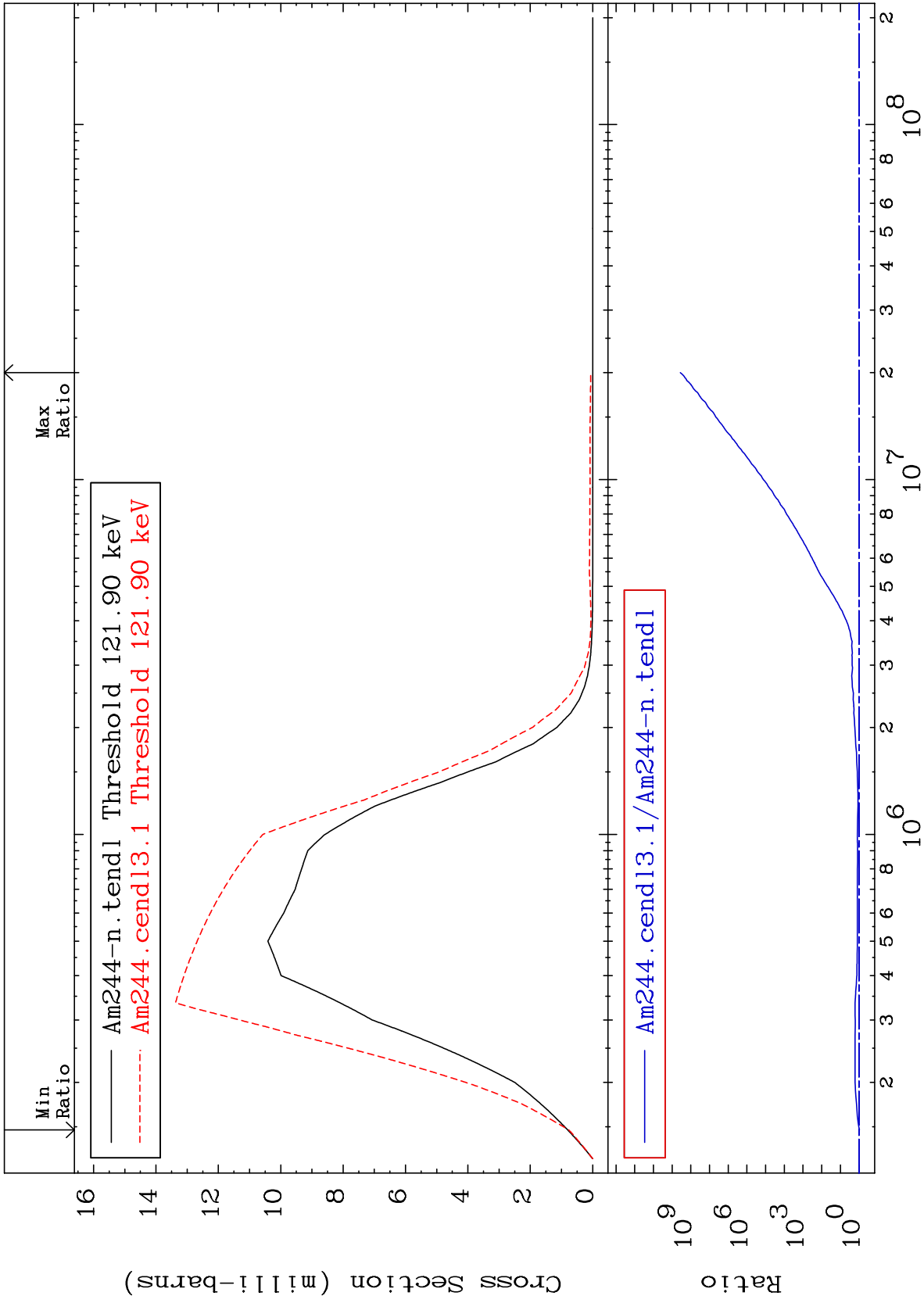
95-Am-244
-99.62 To 391.3 %



MAT 9552

121.4 keV (n,n') Level
Cross Section

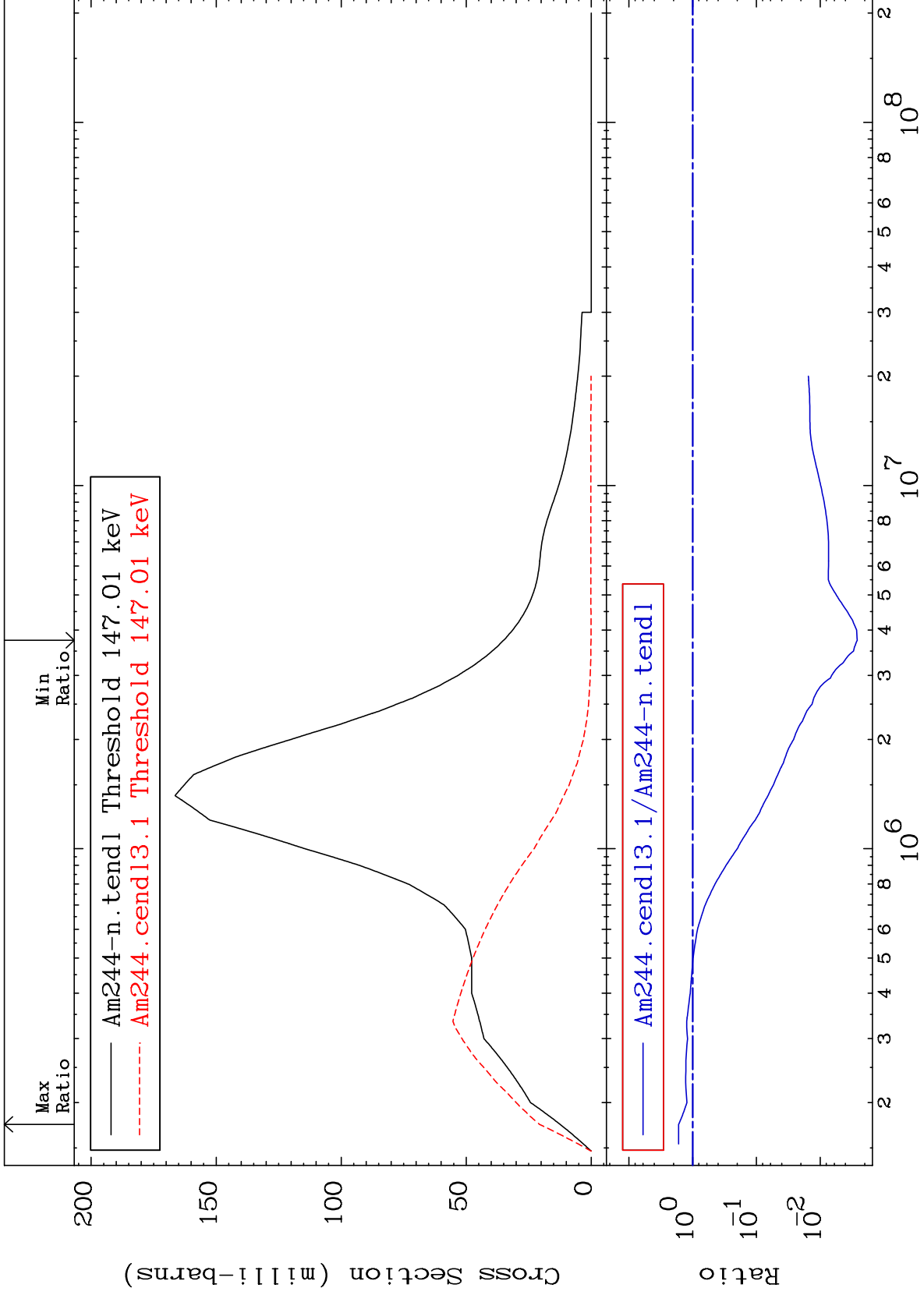
95-Am-244
-4.671 To 9999. %



MAT 9552

146.4 keV (n,n') Level
Cross Section

95-Am-244
-99.74 To 66.10 %



10

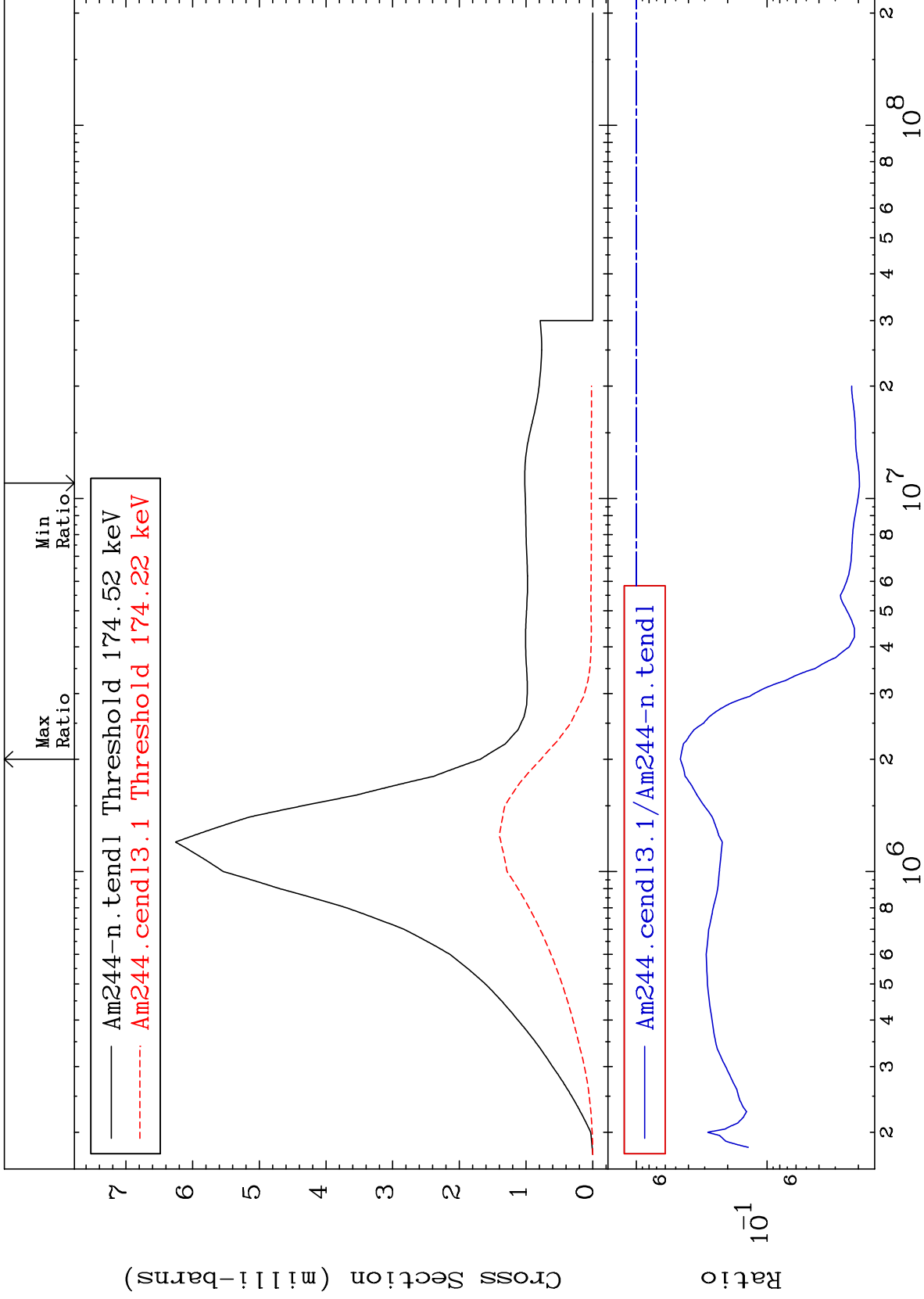
Incident Energy (eV)

95-Am-244

MAT 9552

173.8 keV (n,n') Level
Cross Section

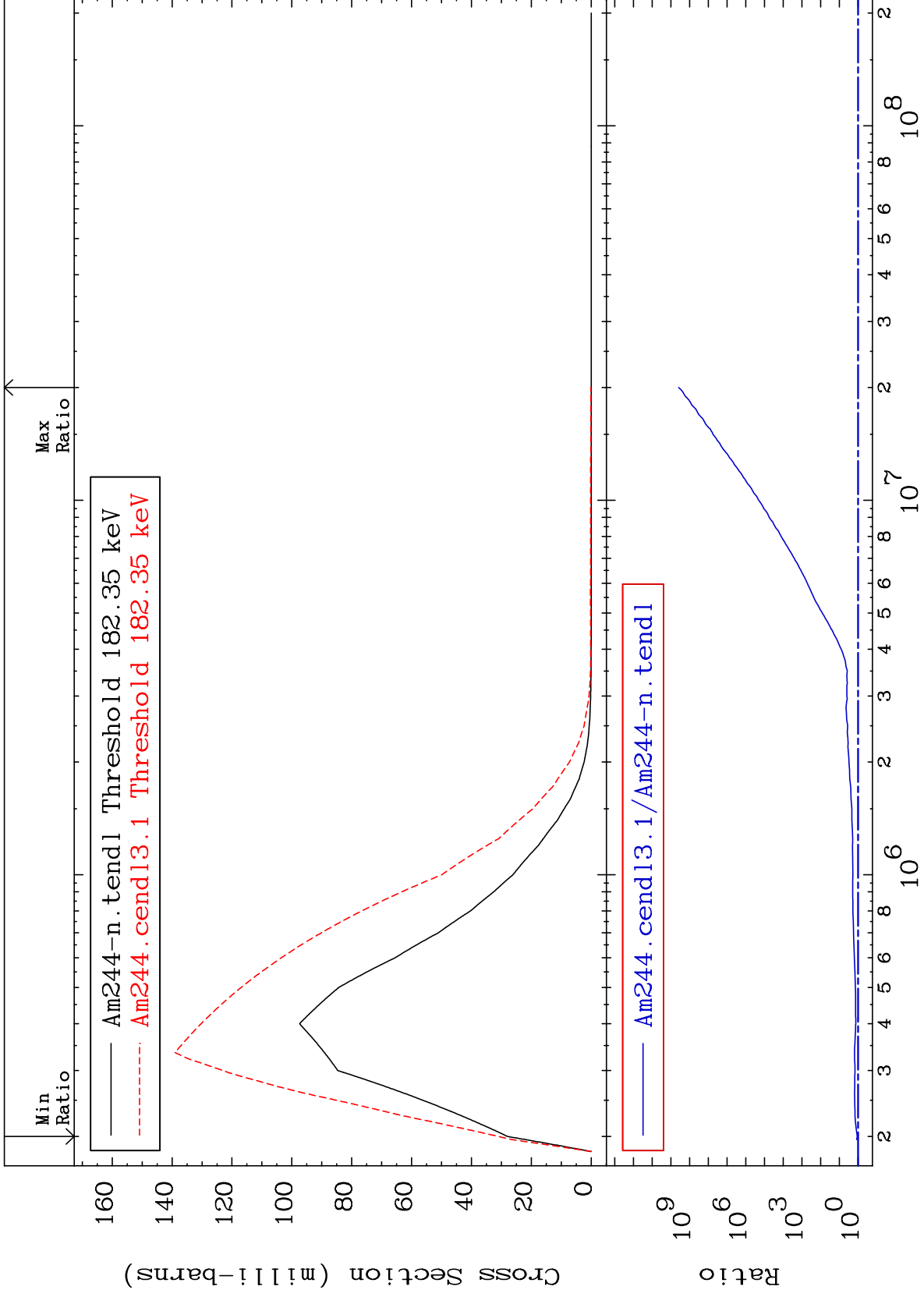
95-Am-244
-98.04 To -53.94%



MAT 9552

181.6 keV (n,n') Level
Cross Section

95-Am-244
10.89 To 9999. %



12

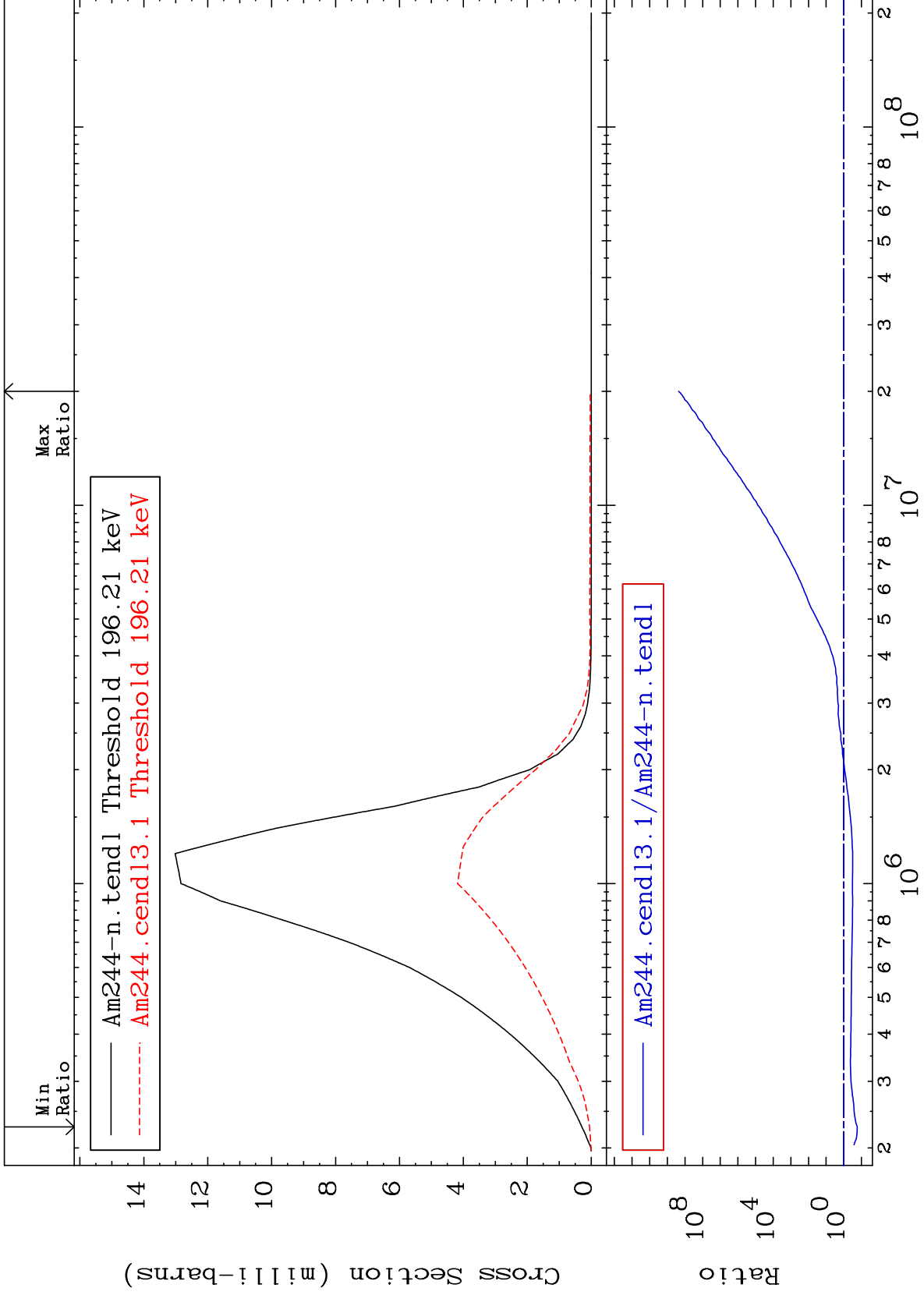
Incident Energy (eV)

95-Am-244

MAT 9552

195.4 keV (n,n') Level
Cross Section

95-Am-244
-82.72 To 9999. %



13

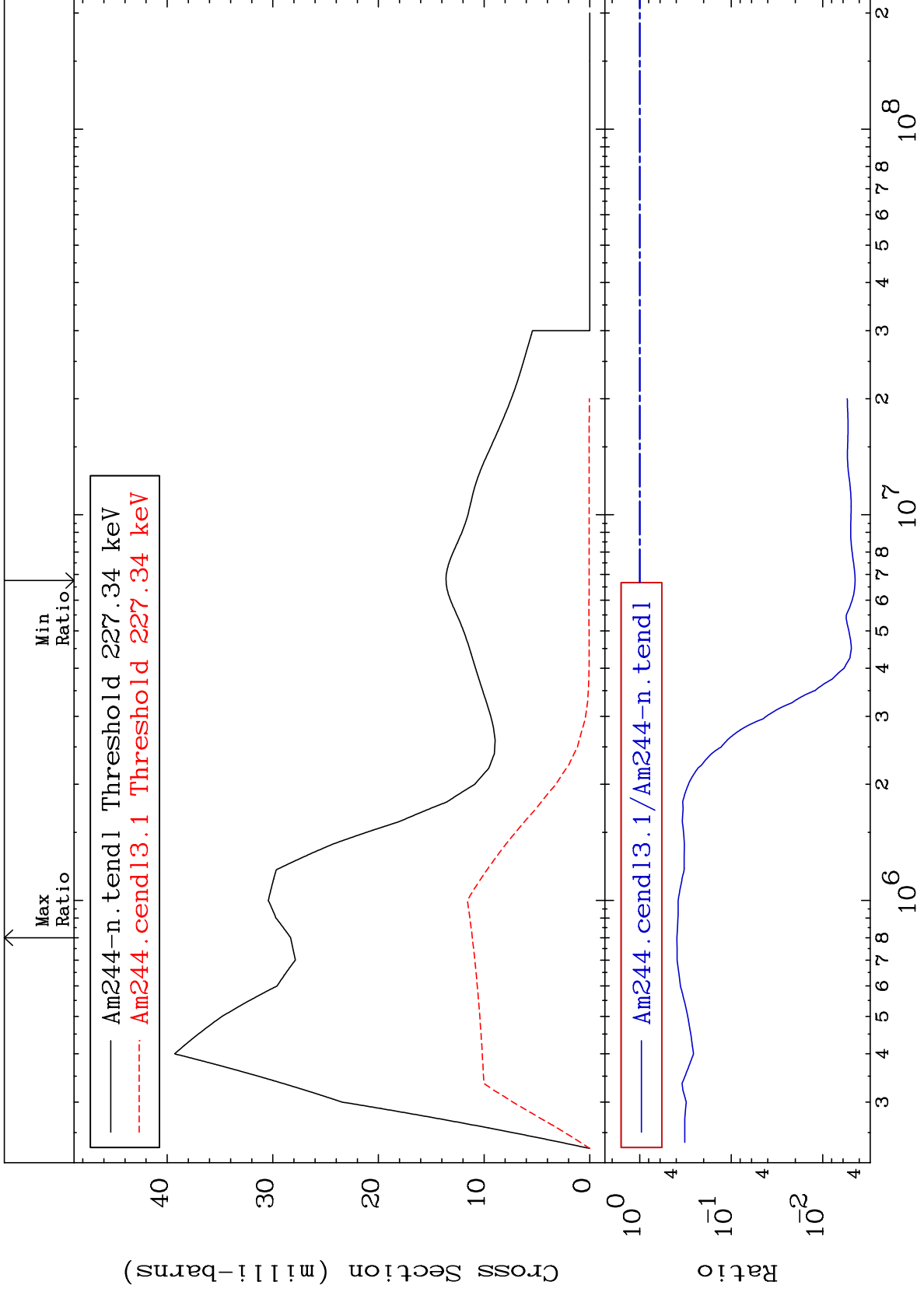
Incident Energy (eV)

95-Am-244

MAT 9552

226.4 keV (n,n') Level
Cross Section

95-Am-244
-99.56 To -60.75%



14

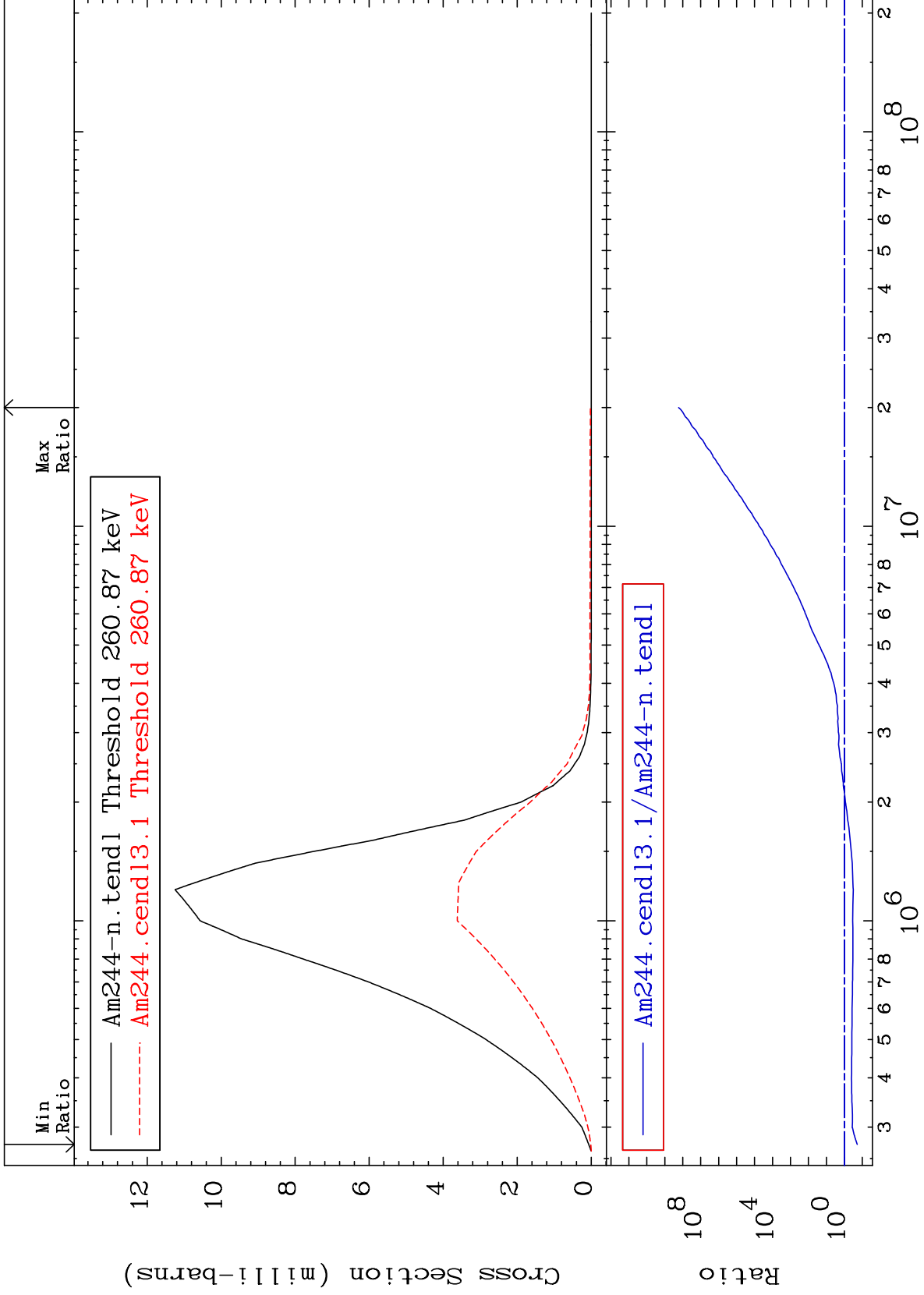
Incident Energy (eV)

95-Am-244

MAT 9552

259.8 keV (n,n') Level
Cross Section

95-Am-244
-80.96 To 9999. %



15

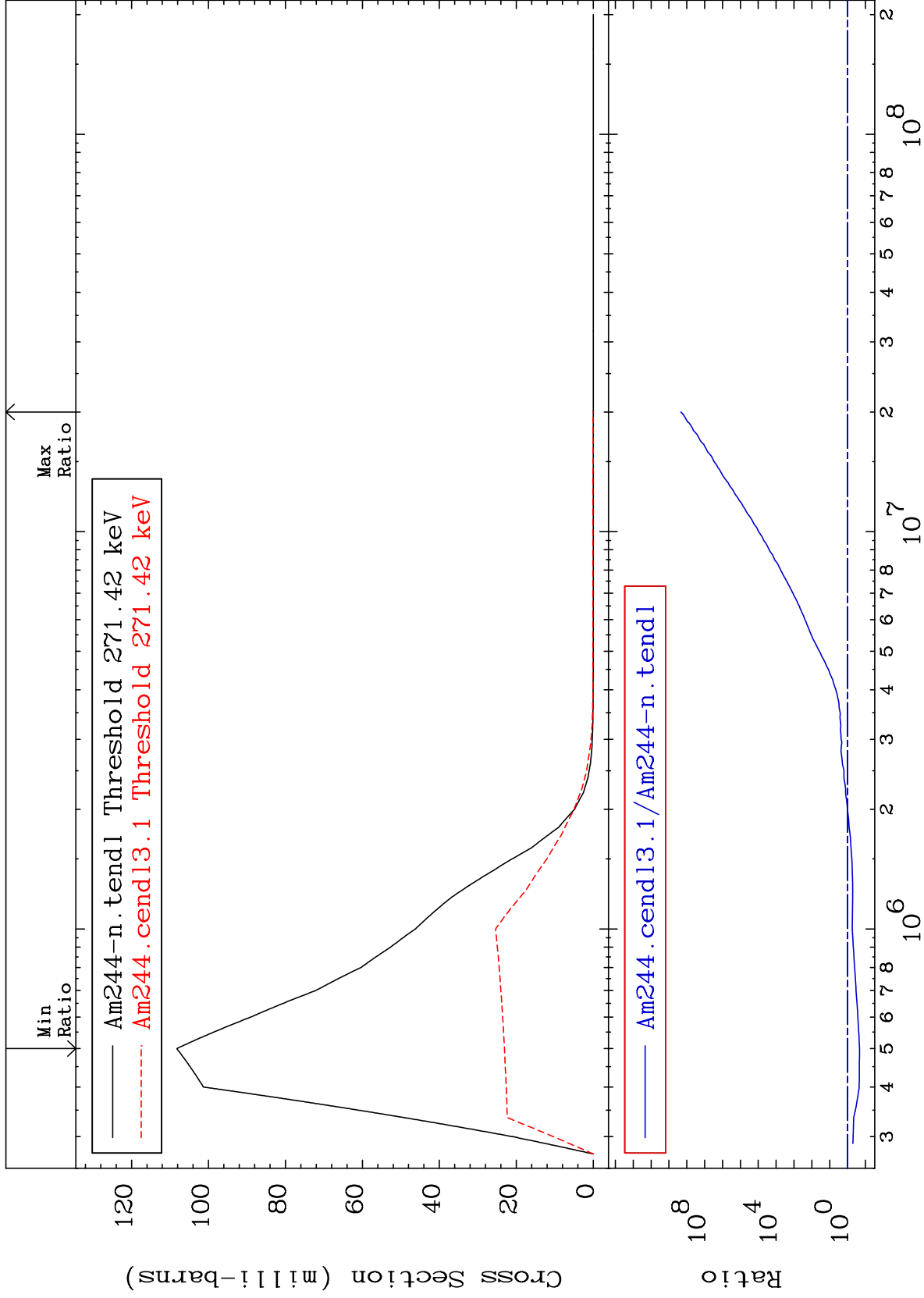
Incident Energy (eV)

95-Am-244

MAT 9552

270.3 keV (n,n') Level
Cross Section

95-Am-244
-78.68 To 9999. %



16

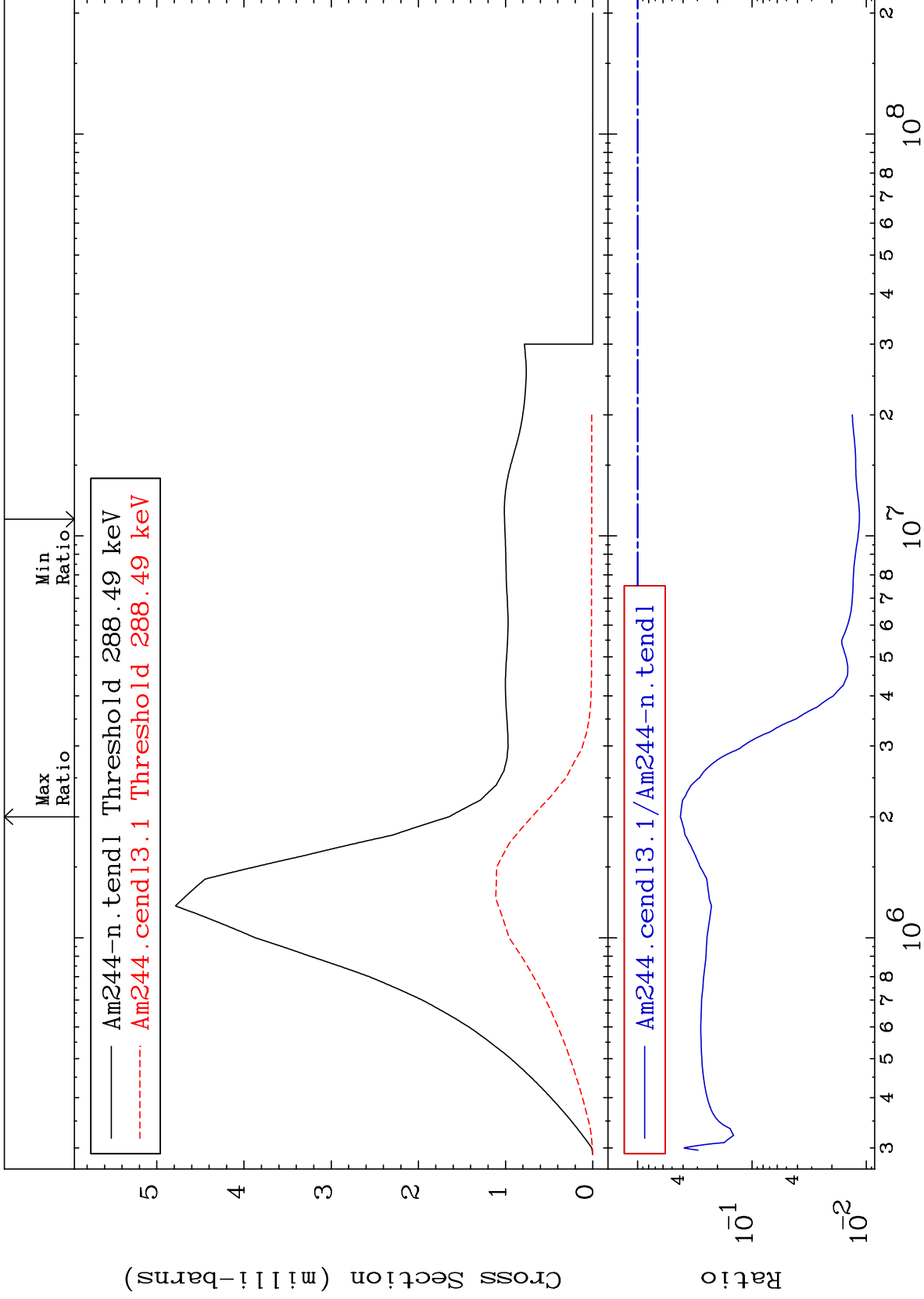
Incident Energy (eV)

95-Am-244

MAT 9552

287.3 keV (n,n') Level
Cross Section

95-Am-244
-98.85 To -57.72%



17

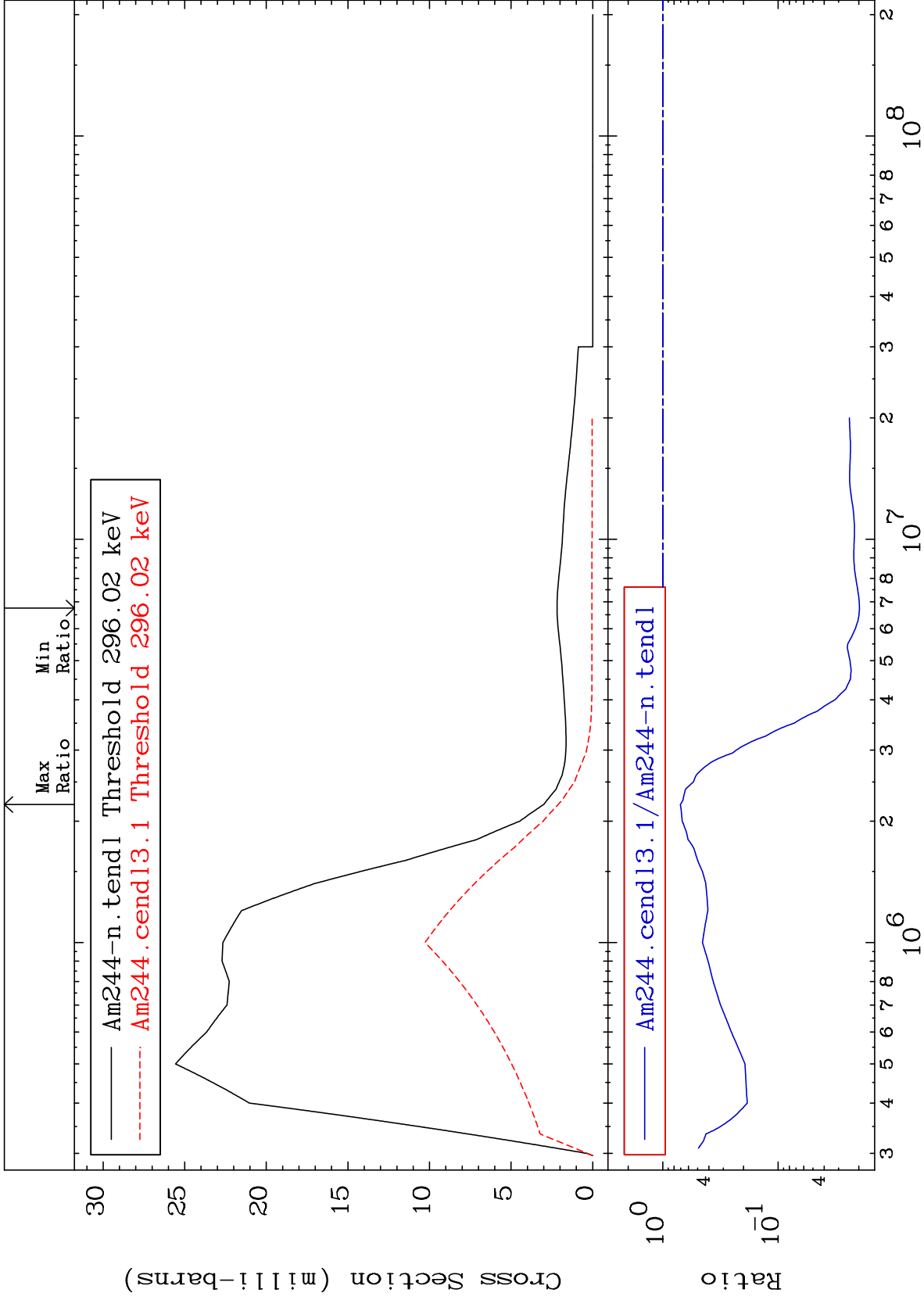
Incident Energy (eV)

95-Am-244

MAT 9552

294.8 keV (n,n') Level
Cross Section

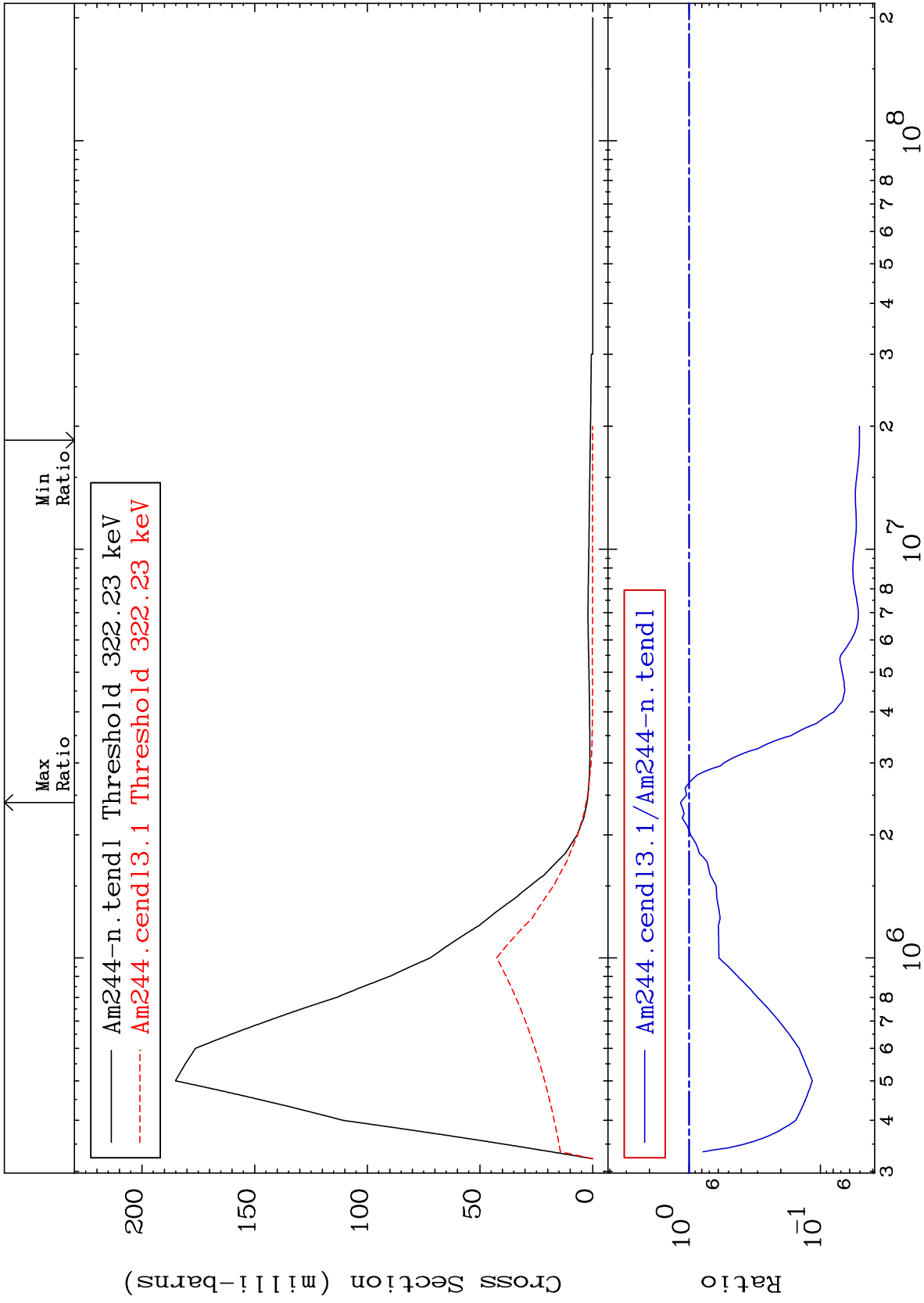
95-Am-244
-98.02 To -29.45%



MAT 9552

320.9 keV (n,n') Level
Cross Section

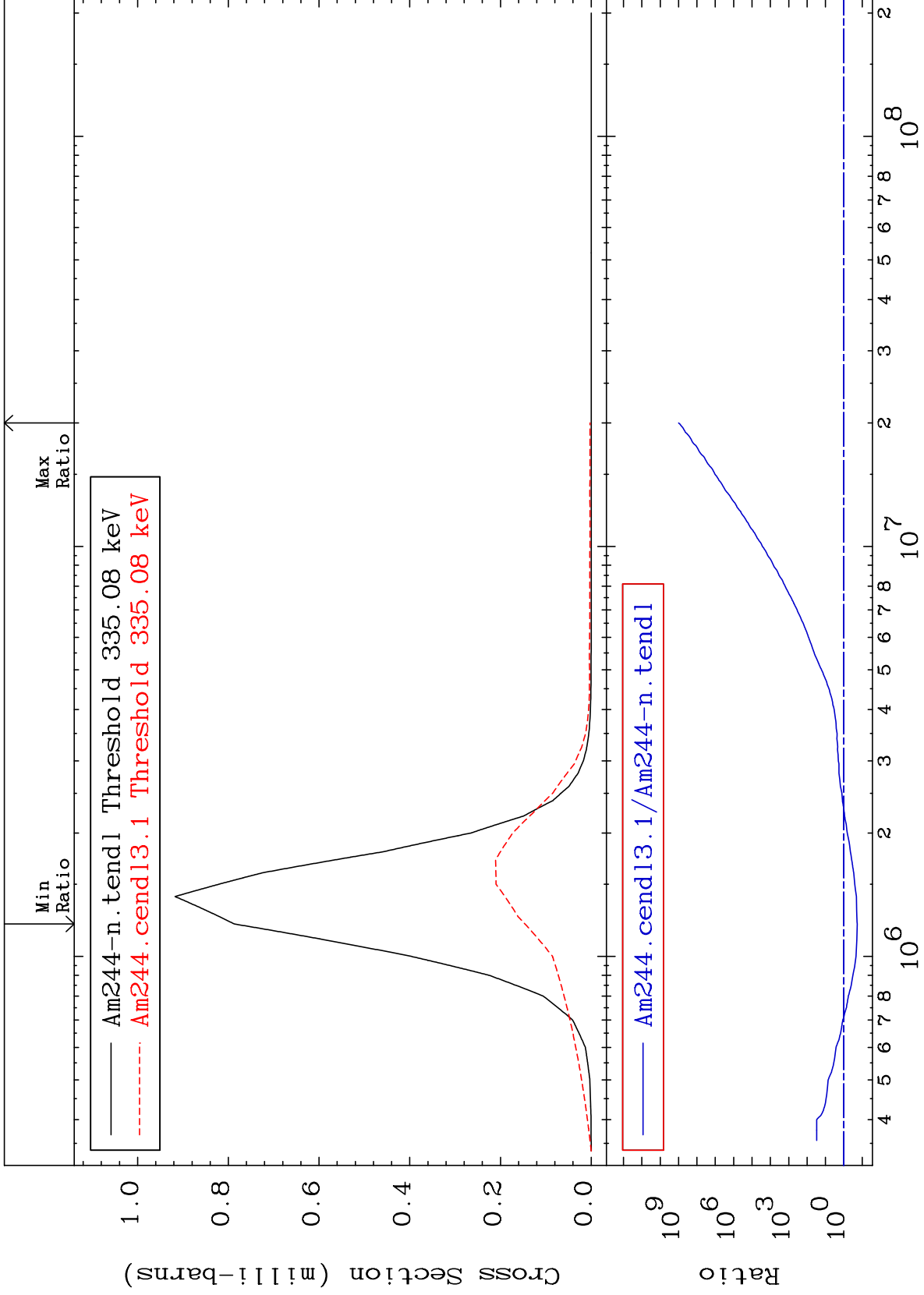
95-Am-244
-94.95 To 16.35 %



MAT 9552

333.7 keV (n,n') Level
Cross Section

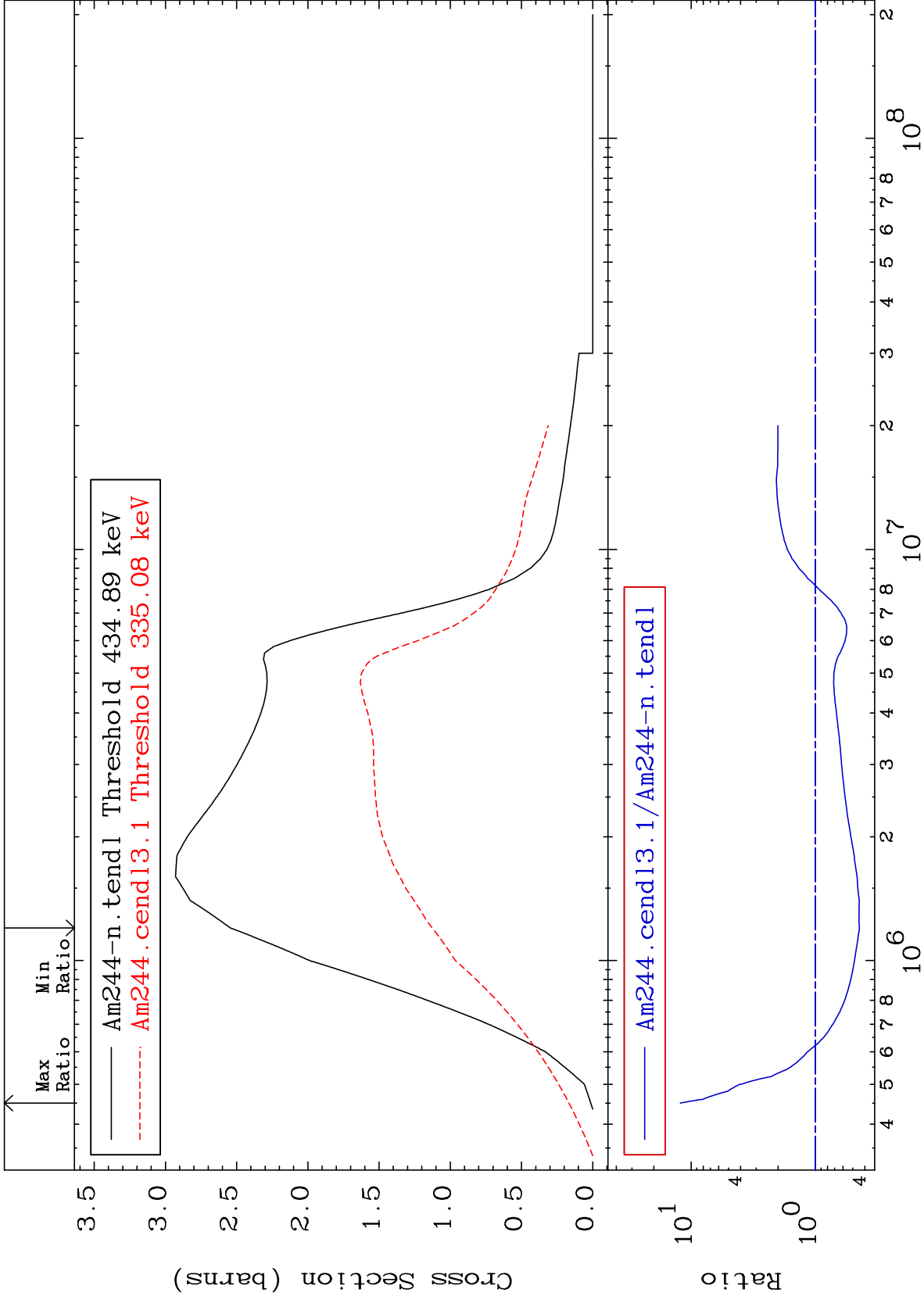
95-Am-244
-81.45 To 9999. %



MAT 9552

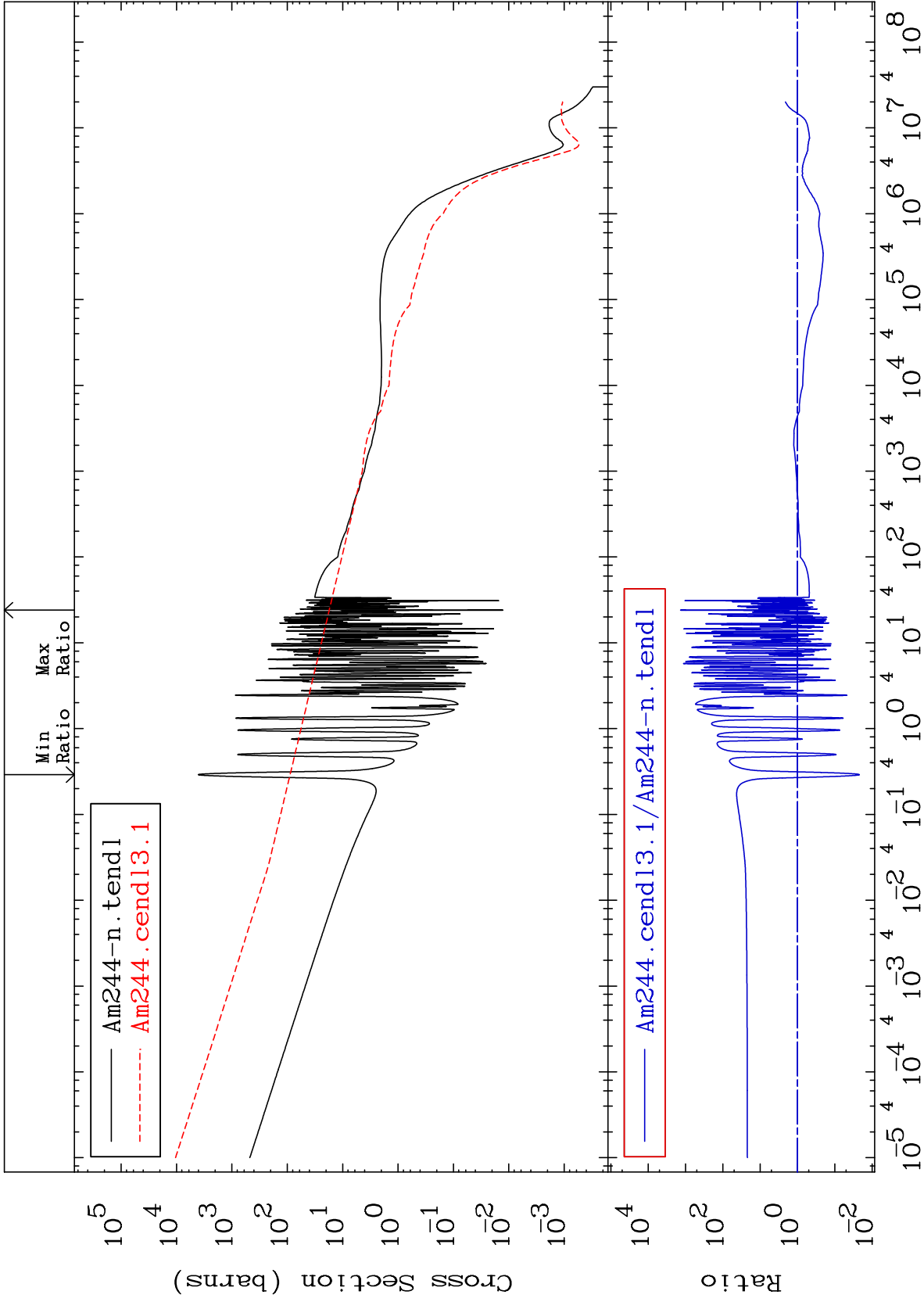
(n, n') Continuum
Cross Section

95-Am-244
-55.75 To 1122. %



MAT 9552

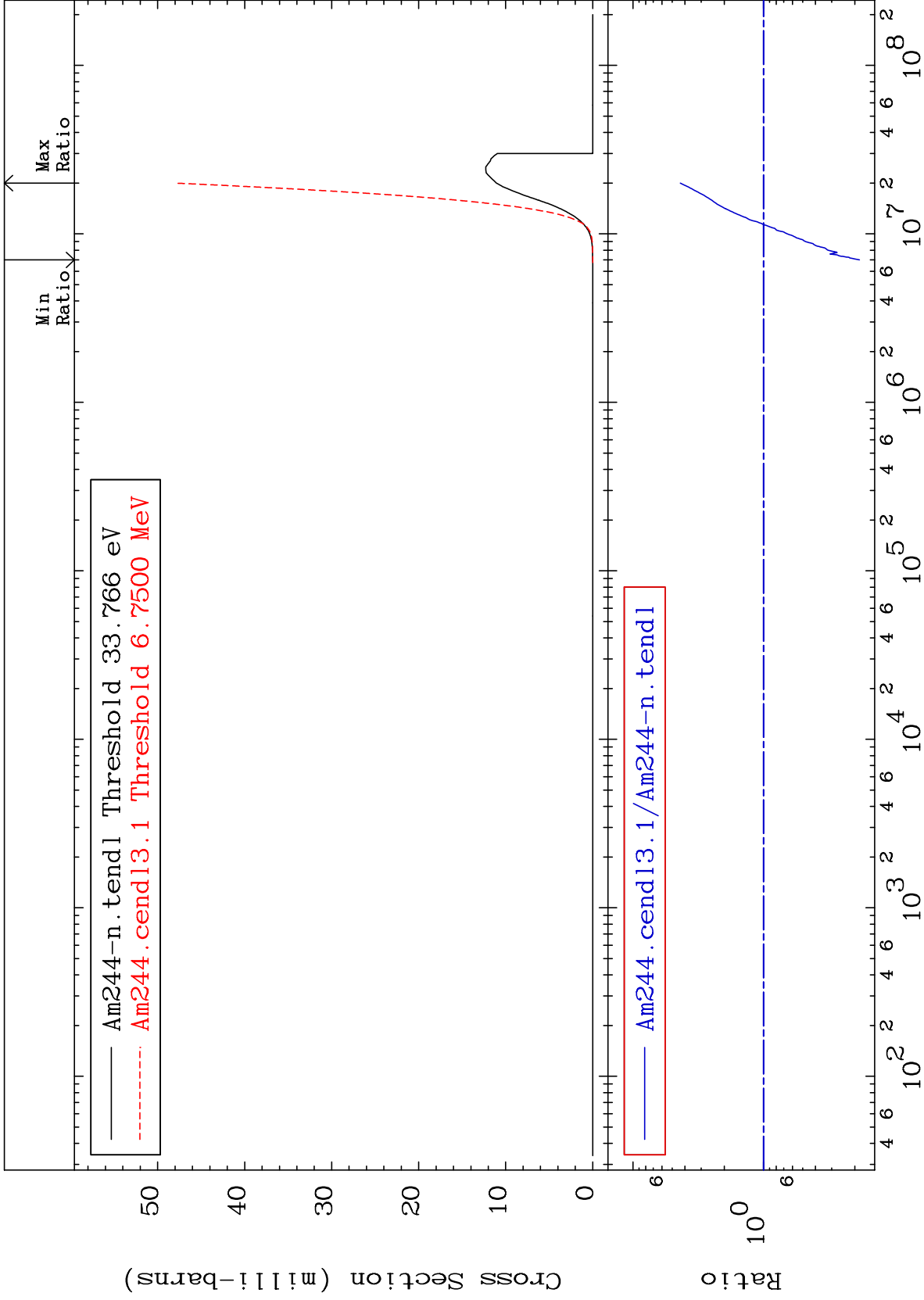
(n, γ)
Cross Section
95-Am-244
-97.81 To 9999. %



MAT 9552

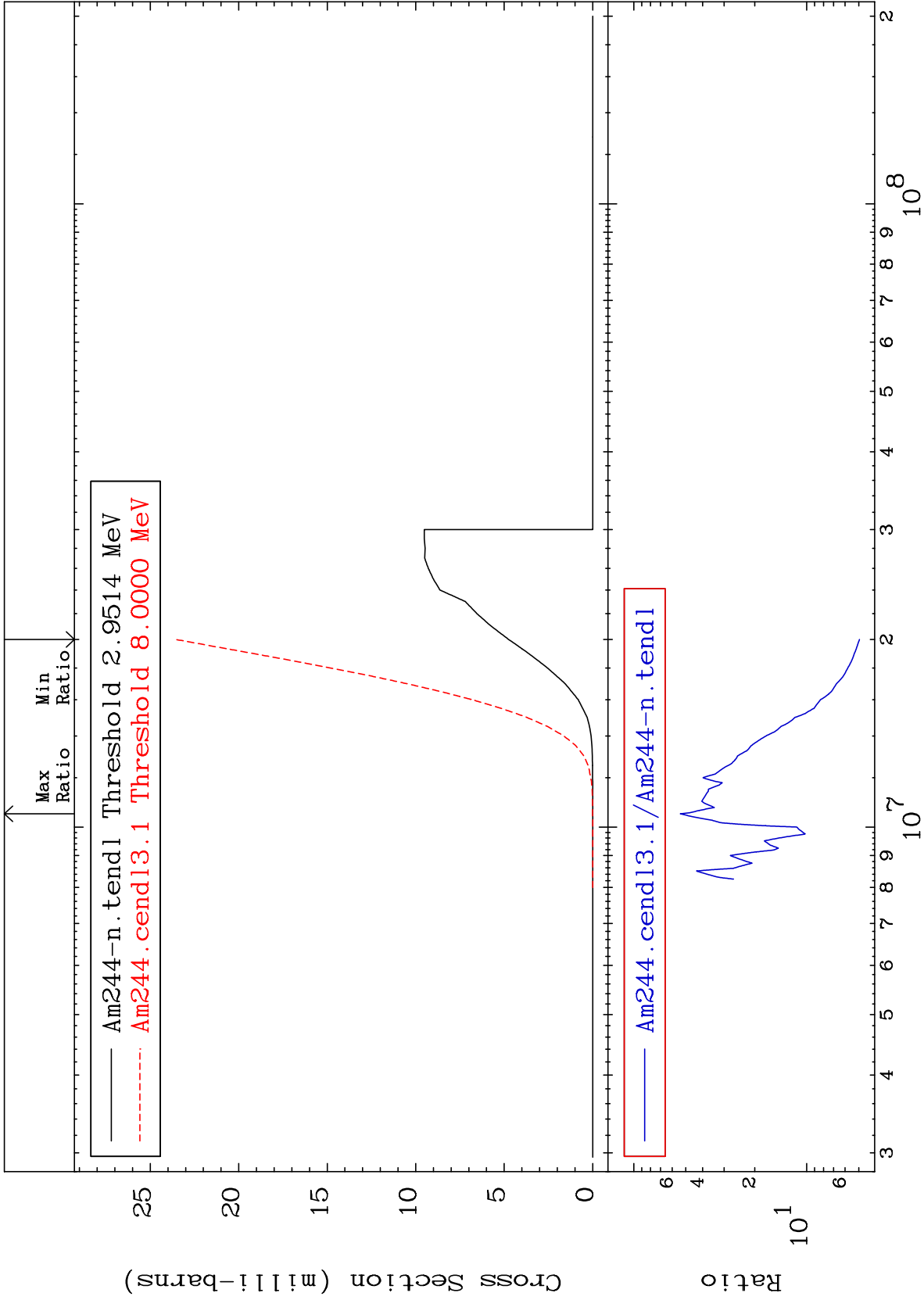
(n,p)
Cross Section

95-Am-244
-81.58 To 333.5 %



MAT 9552

(n, d) Cross Section
95-Am-244
395.9 To 5276. %



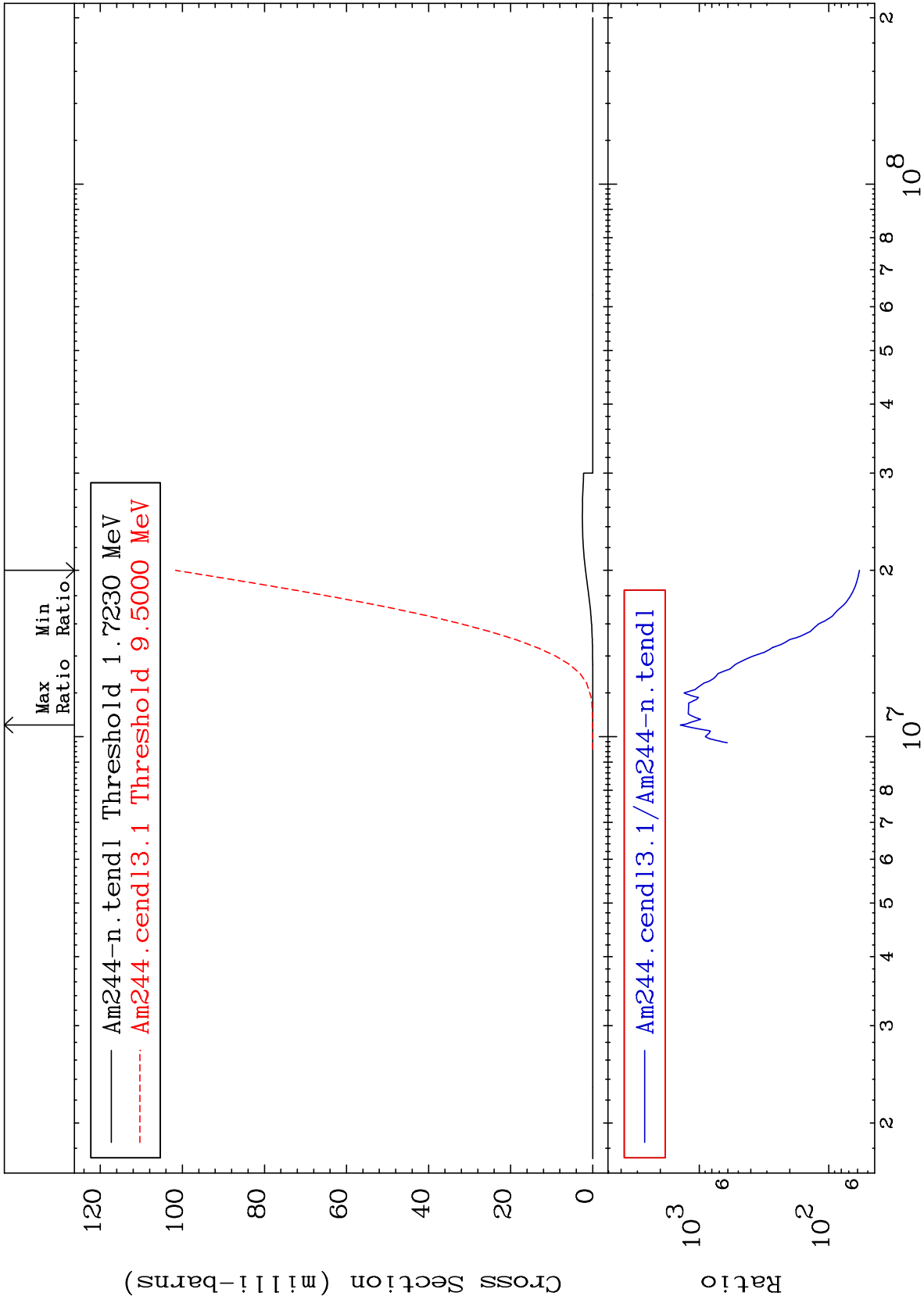
24

Incident Energy (eV)

95-Am-244

MAT 9552

(n, t)
Cross Section
95-Am-244
5695. To 9999. %



25

Incident Energy (eV)

95-Am-244

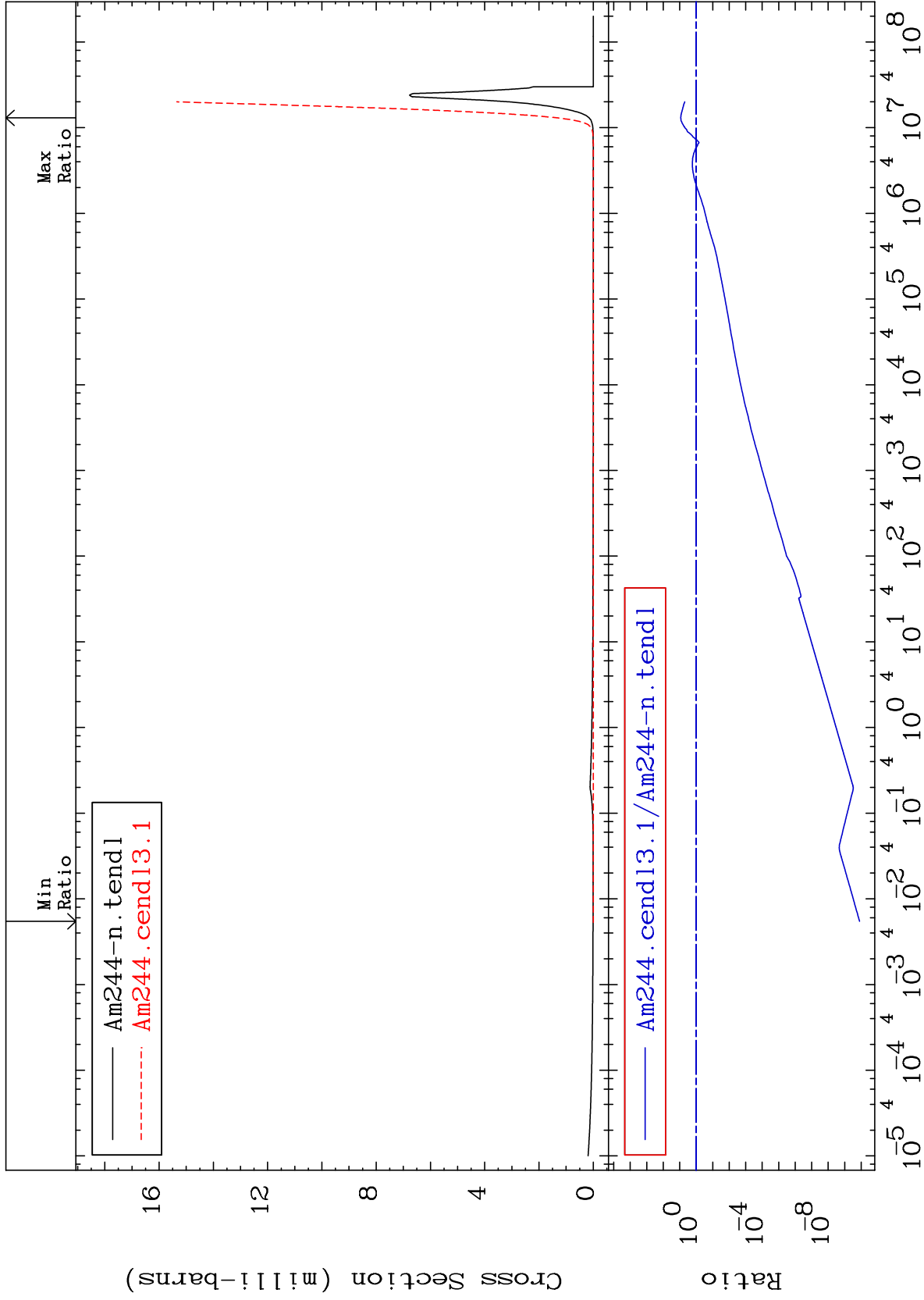
MAT 9552

(n, α)

Cross Section

95-Am-244

-100.0 To 762.5 %



26

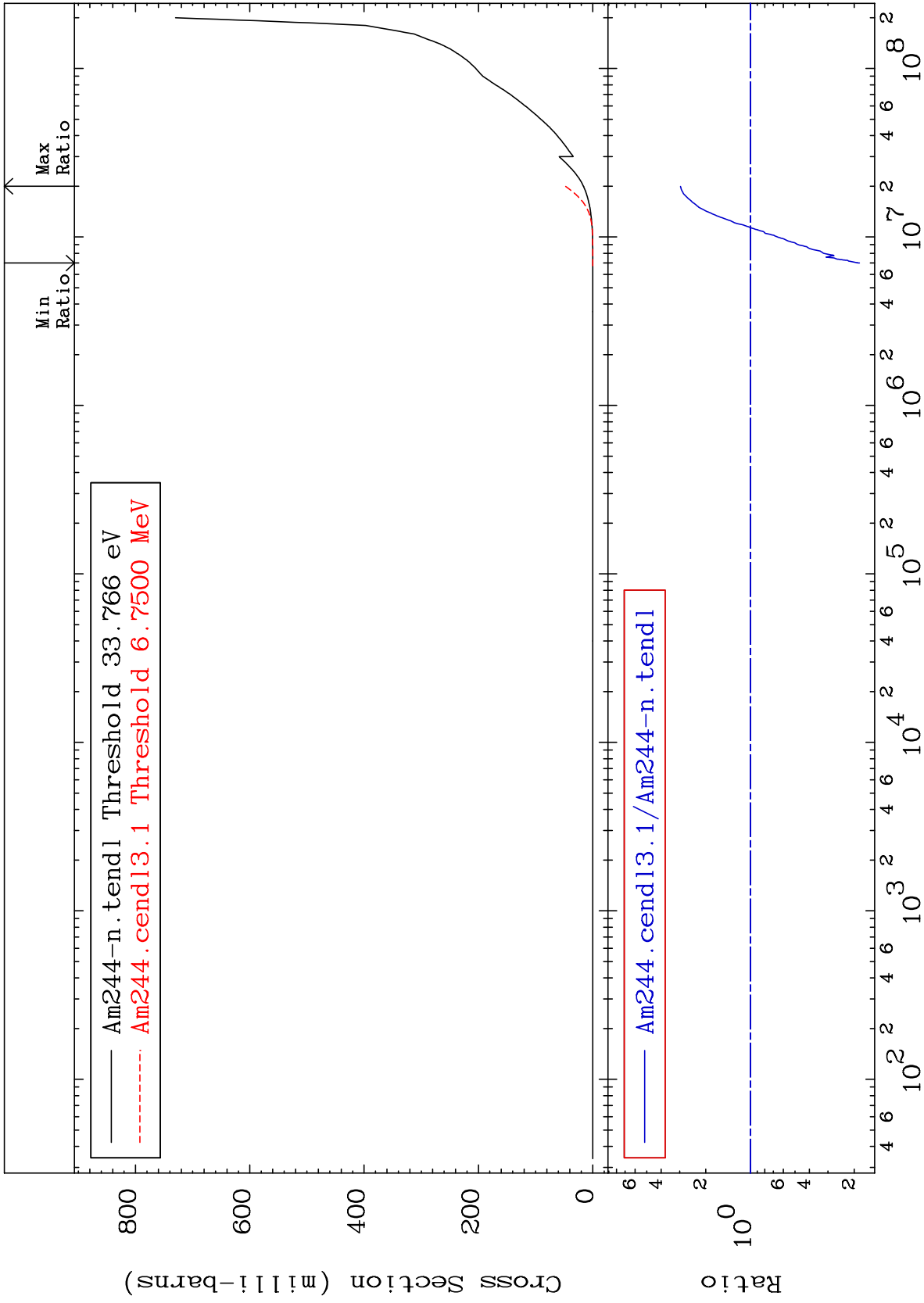
Incident Energy (eV)

95-Am-244

MAT 9552

Hydrogen Production Cross Section

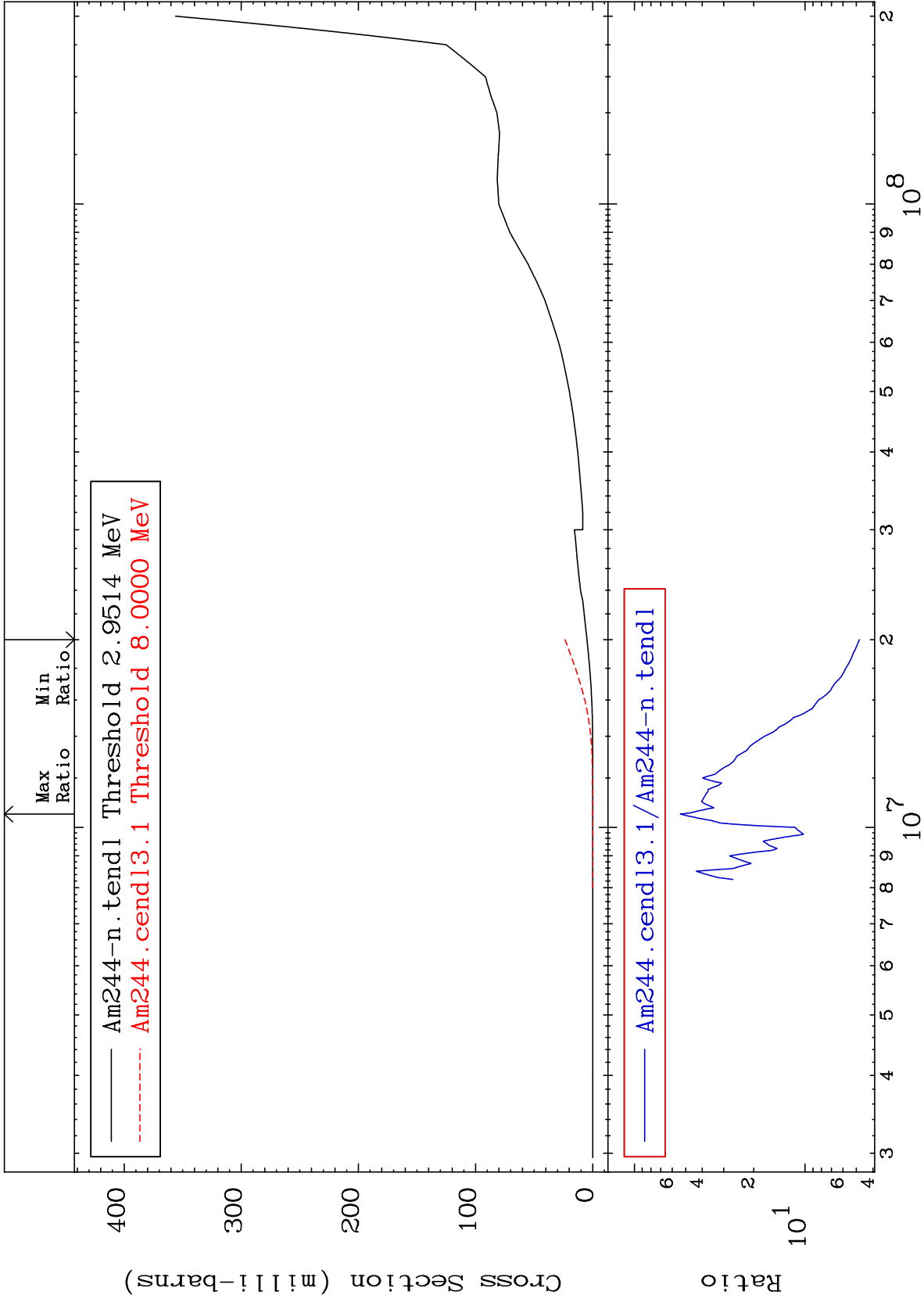
95-Am-244
-81.58 To 196.7 %



MAT 9552

Deuterium Production
Cross Section

95-Am-244
379.9 To 5276. %



28

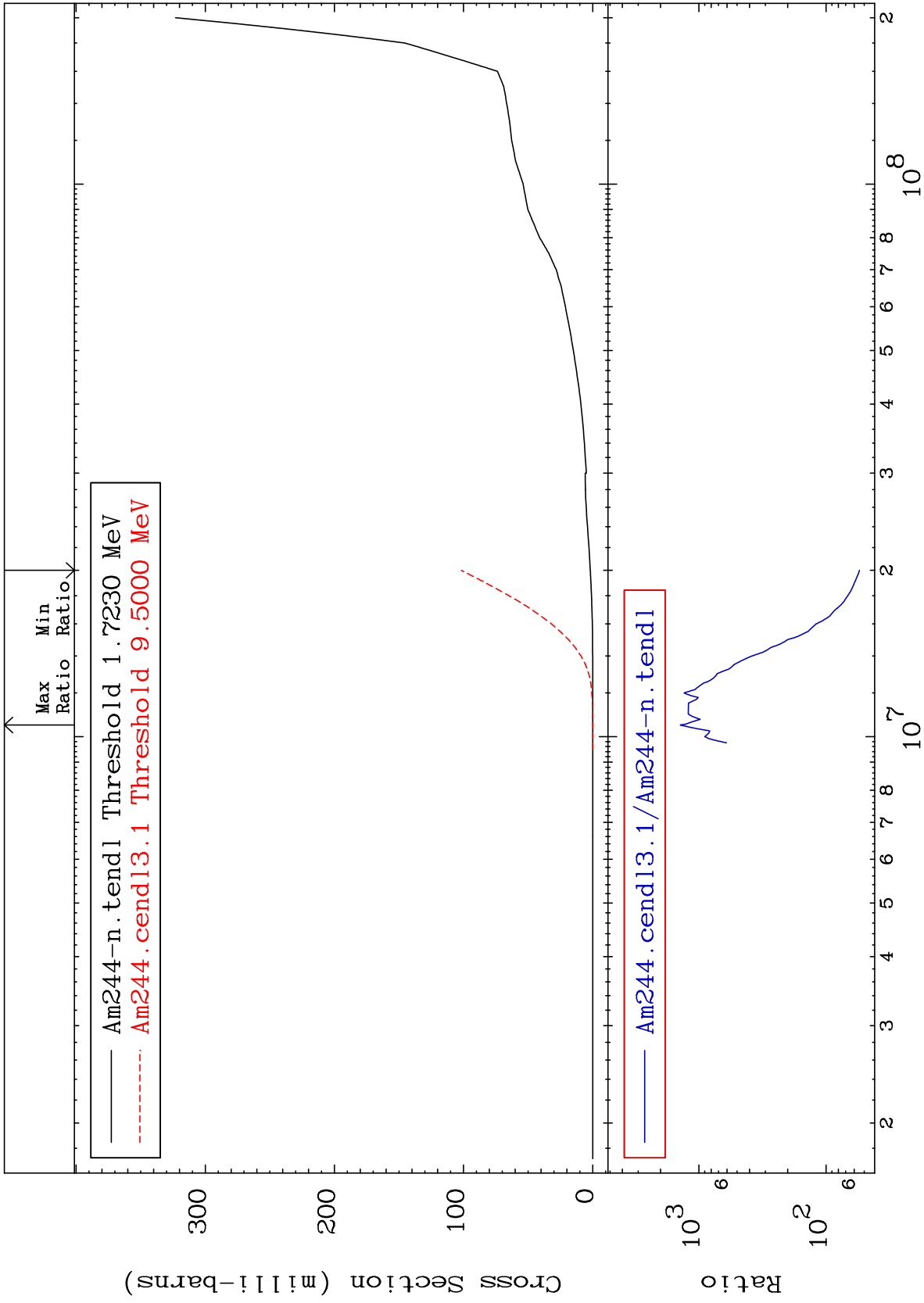
Incident Energy (eV)

95-Am-244

MAT 9552

Tritium Production
Cross Section

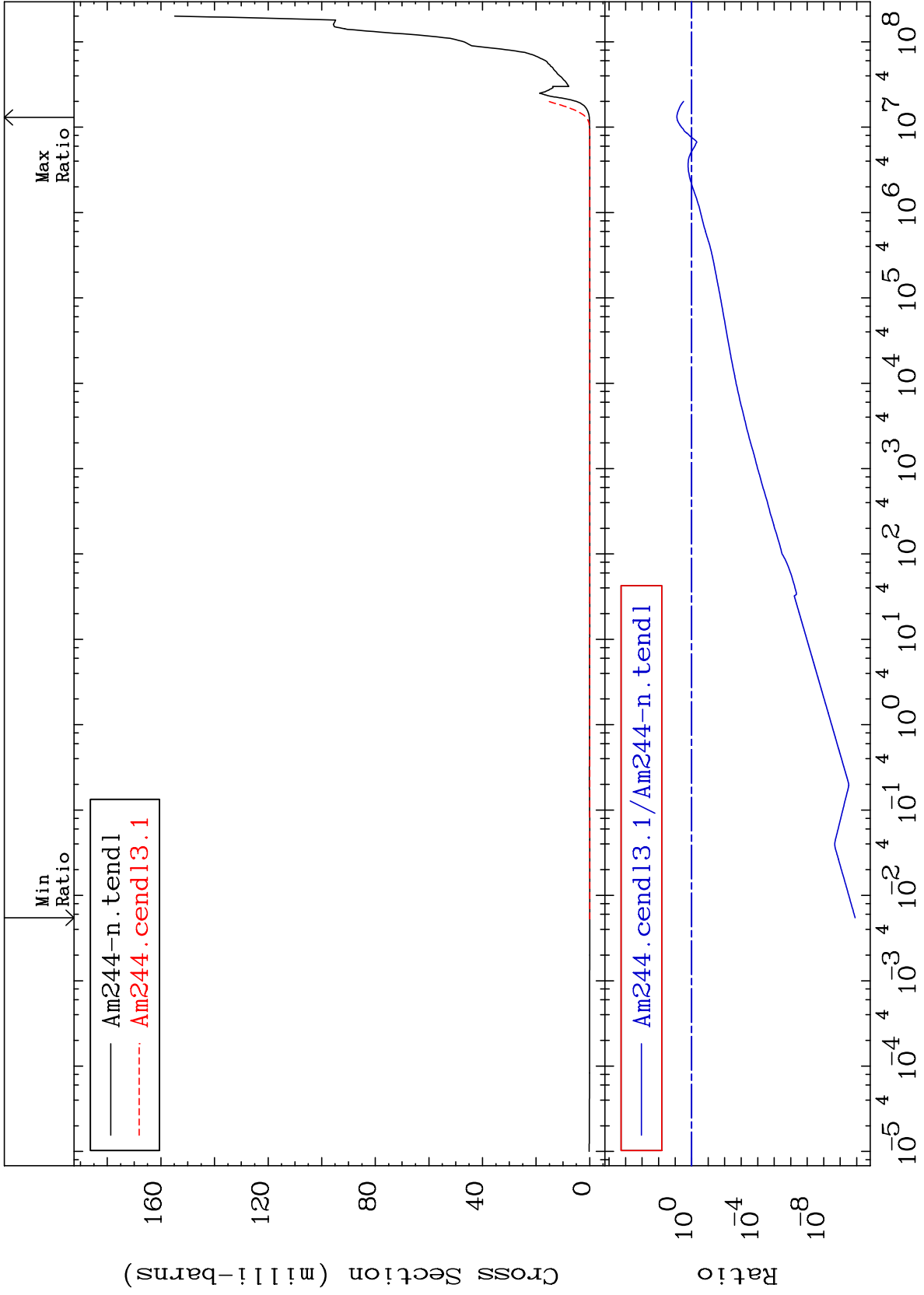
95-Am-244
5361. To 9999. %



MAT 9552

He-4 Production
Cross Section

95-Am-244
-100.0 To 680.2 %



30

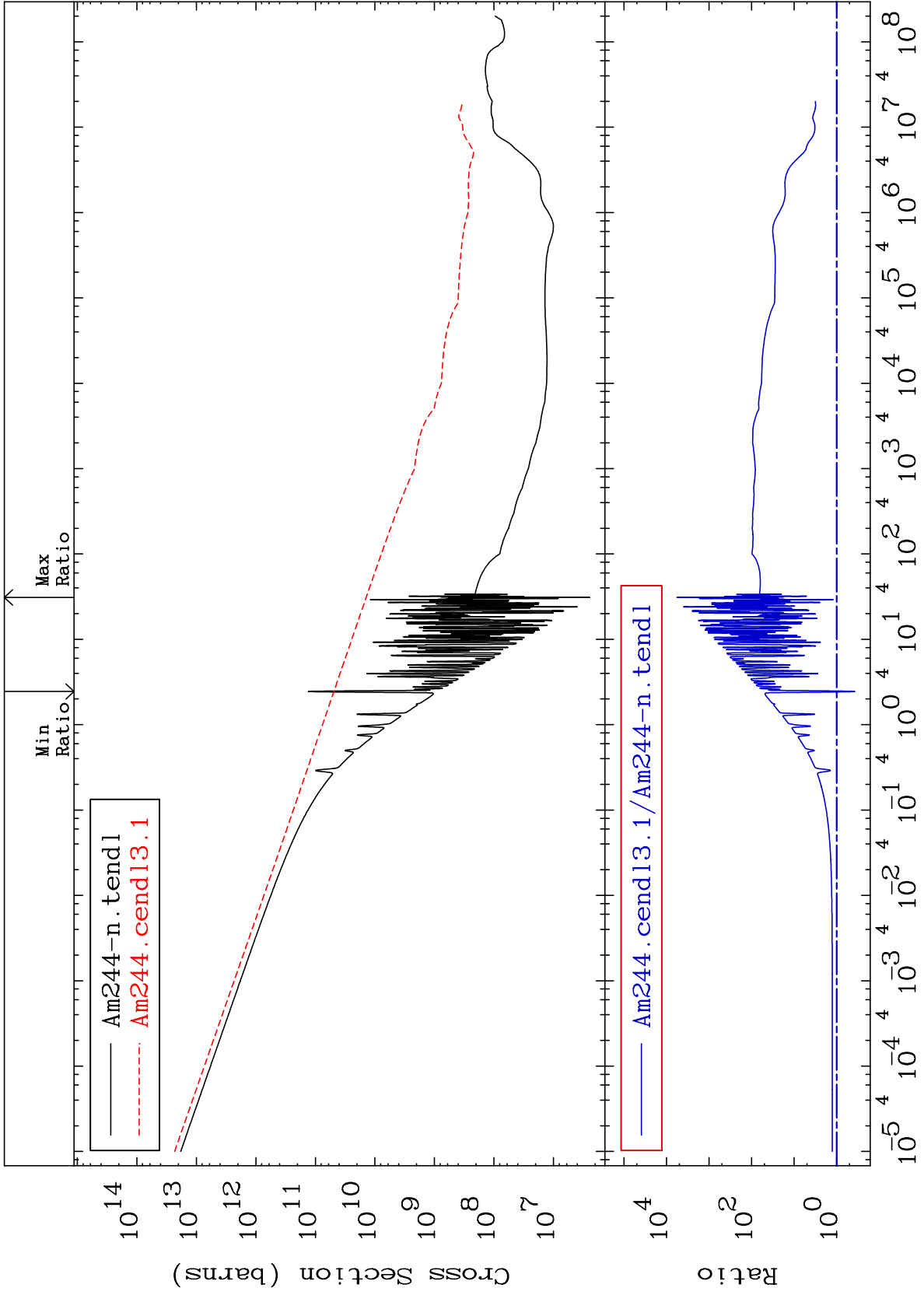
Incident Energy (eV)

95-Am-244

MAT 9552

Kerma total (eV-barns)
Cross Section

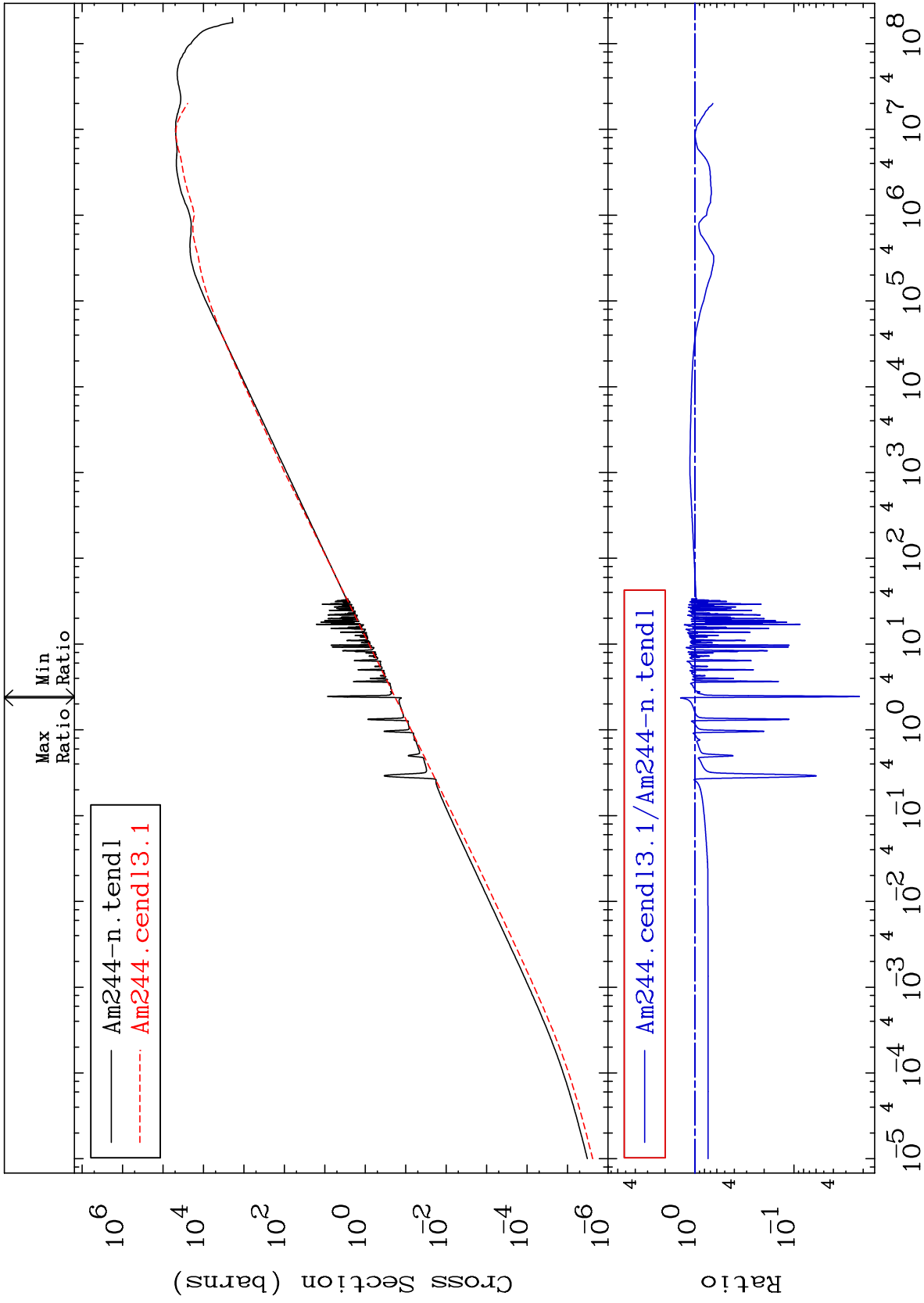
95-Am-244
-63.05 To 9999. %



MAT 9552

Kerma elastic
Cross Section

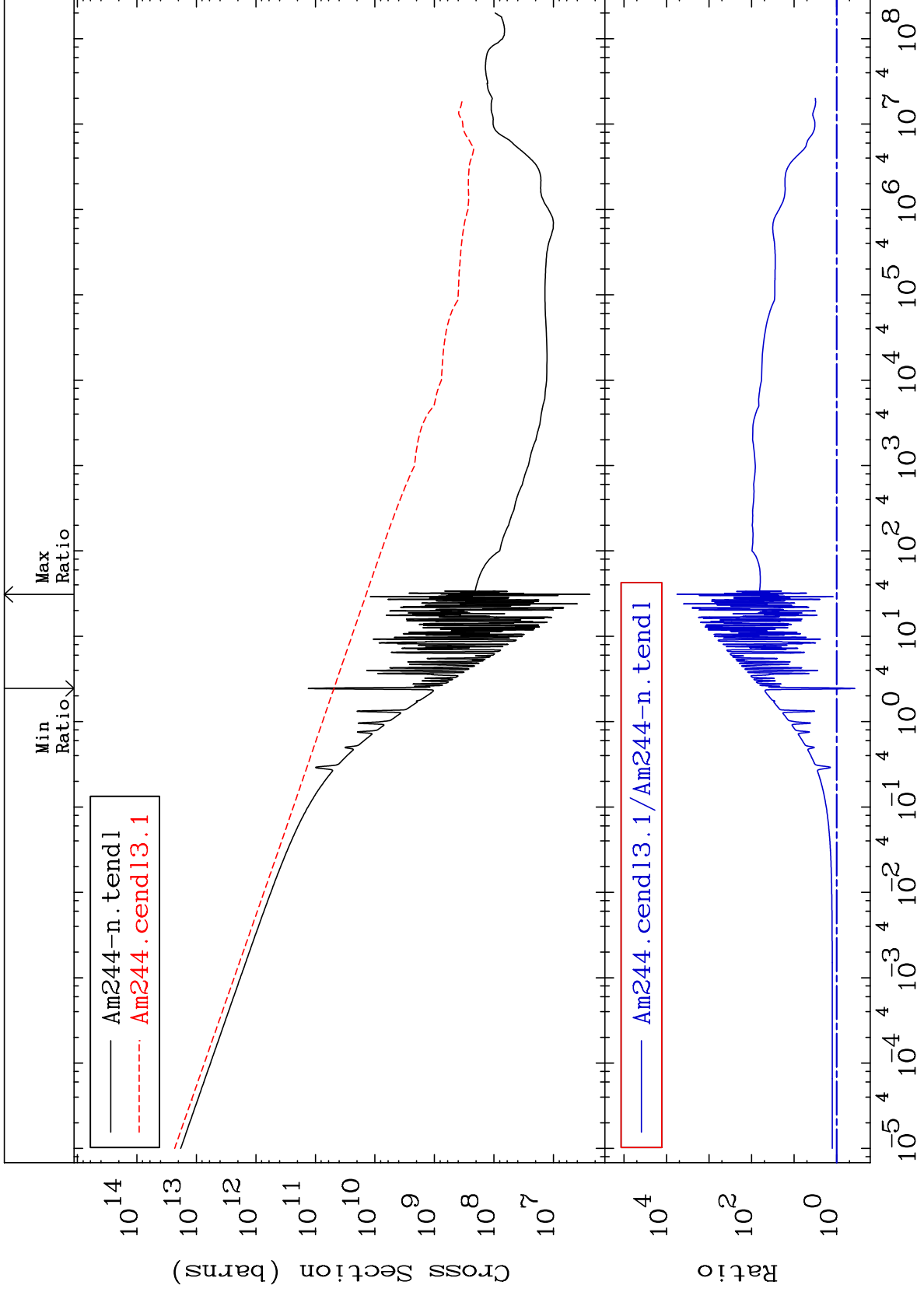
95-Am-244
-97.81 To 40.18 %



MAT 9552

Kerma non-elastic (all but mt2)
Cross Section

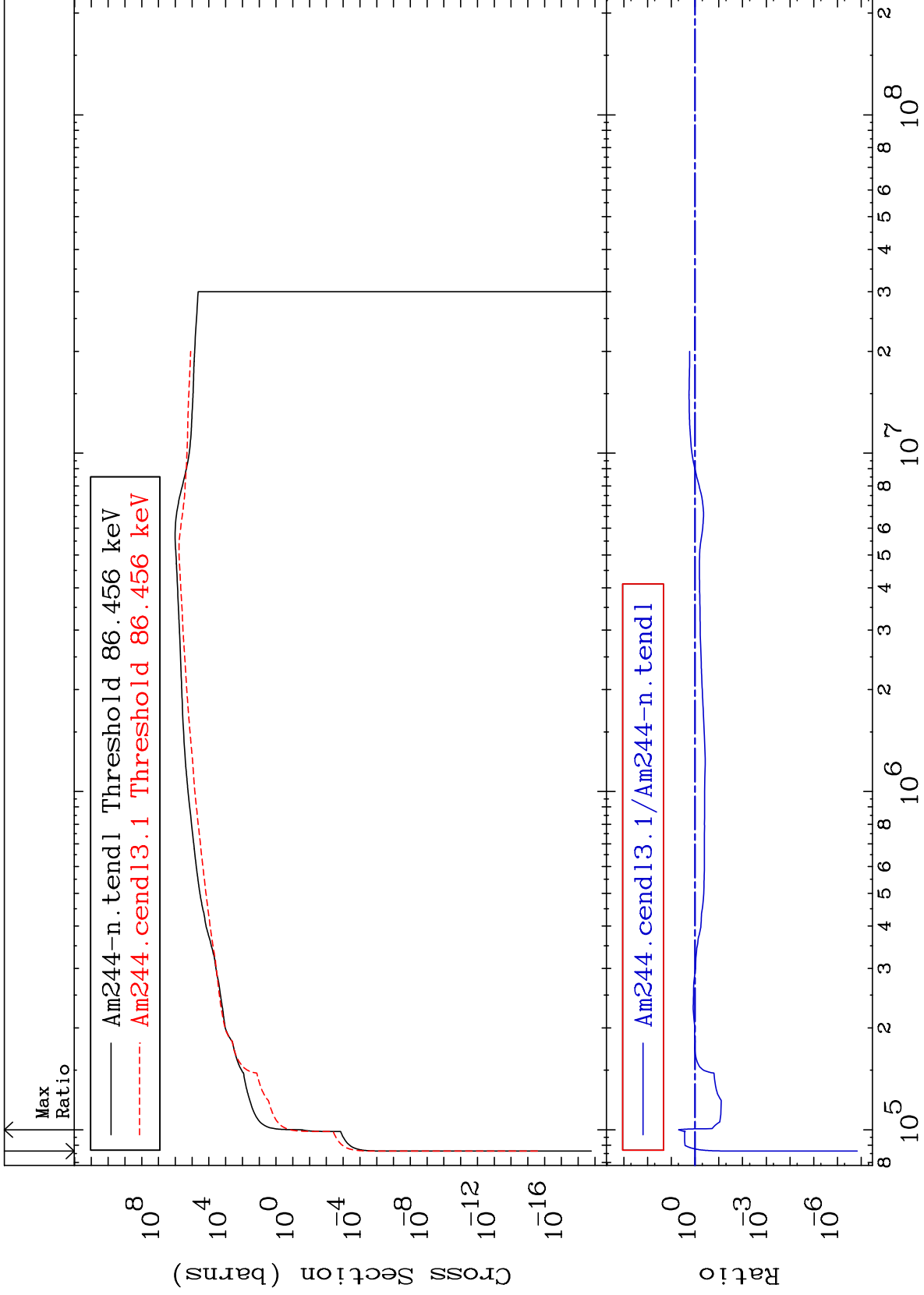
95-Am-244
-63.05 To 9999. %



MAT 9552

Kerma inelastic (mt51-91)
Cross Section

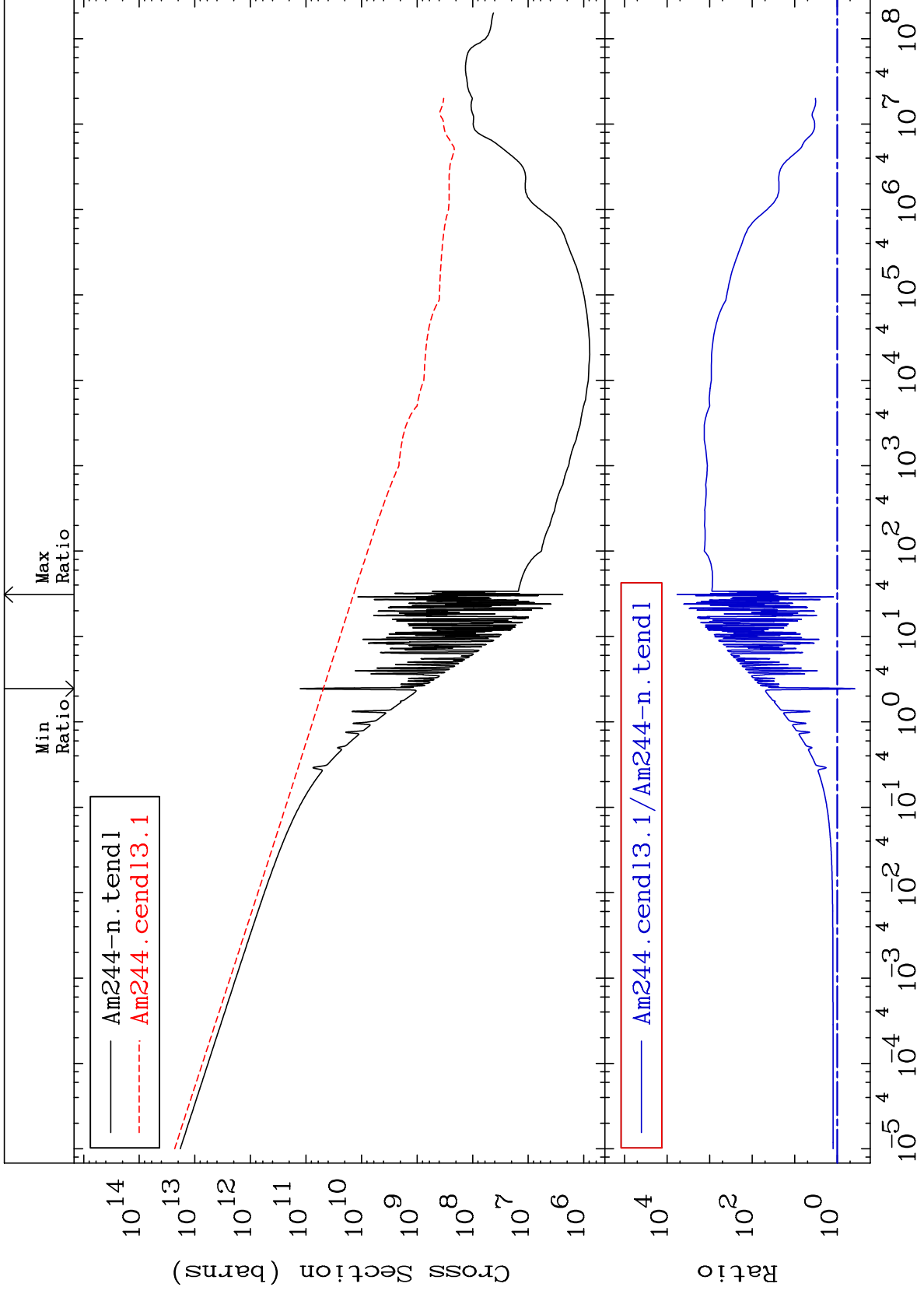
95-Am-244
-100.0 To 391.4 %



MAT 9552

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

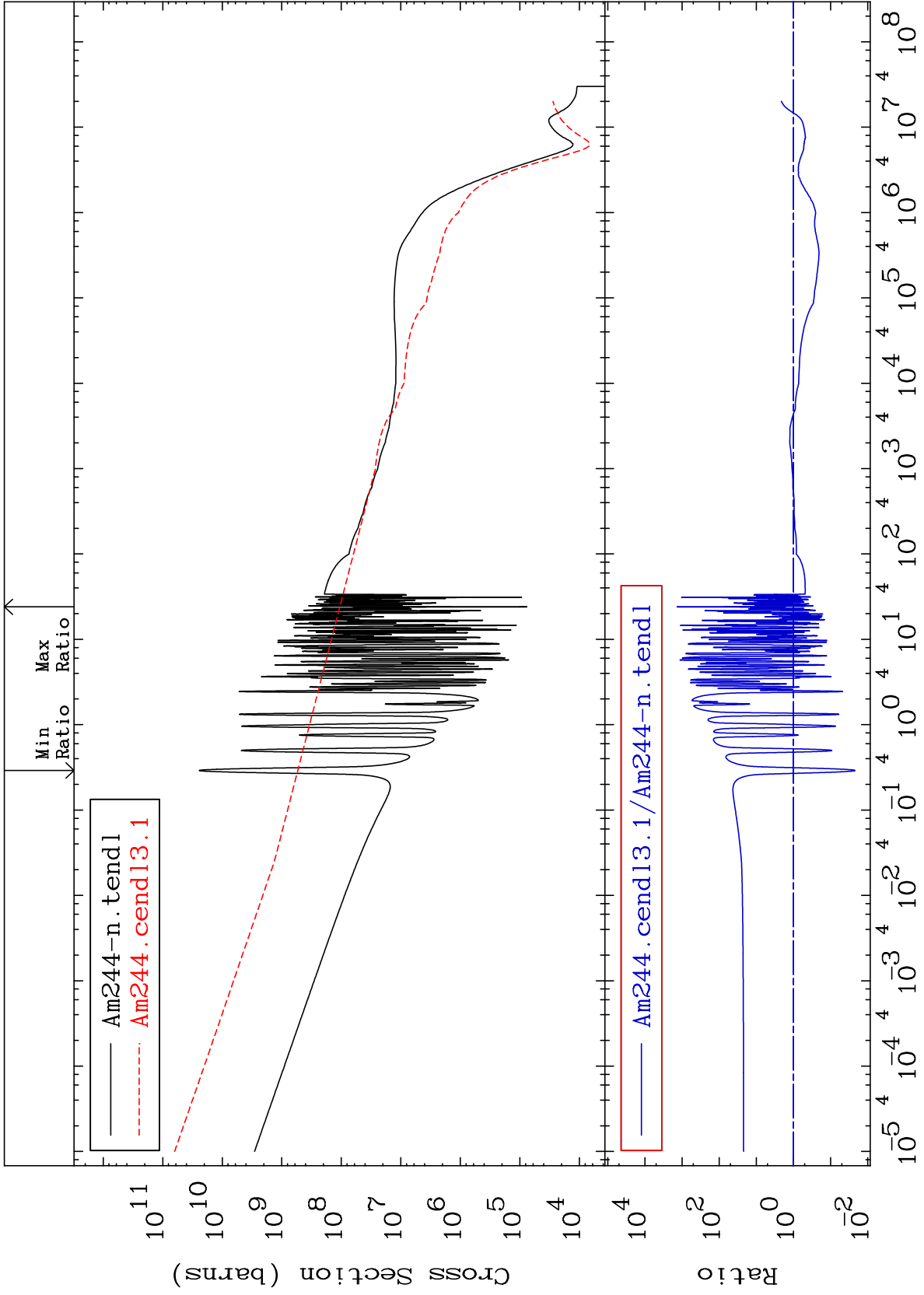
95-Am-244
-61.71 To 9999. %



MAT 9552

Kerma capture (mt102)
Cross Section

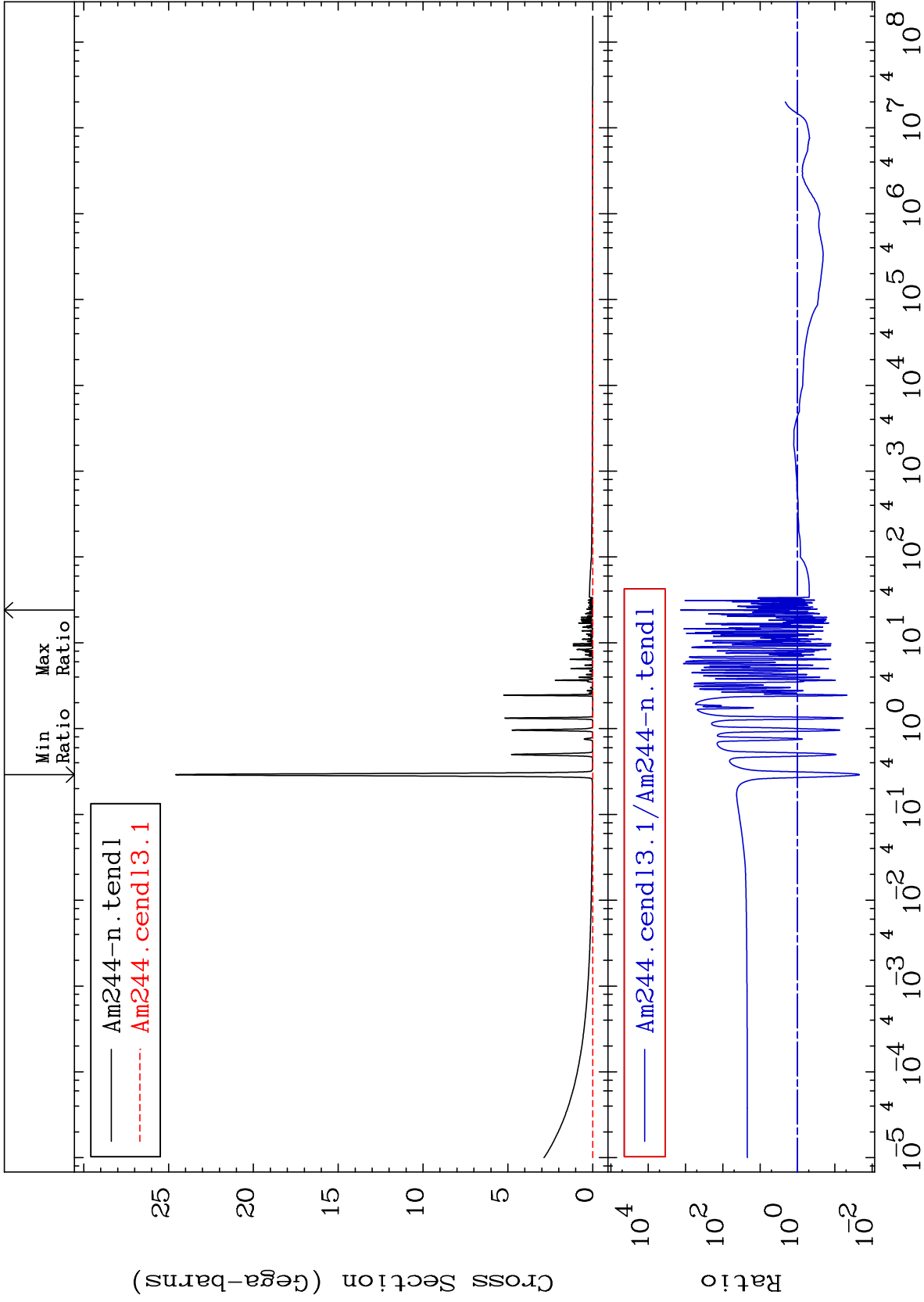
95-Am-244
-97.81 To 9999. %



MAT 9552

Total photon (eV-barns)
Cross Section

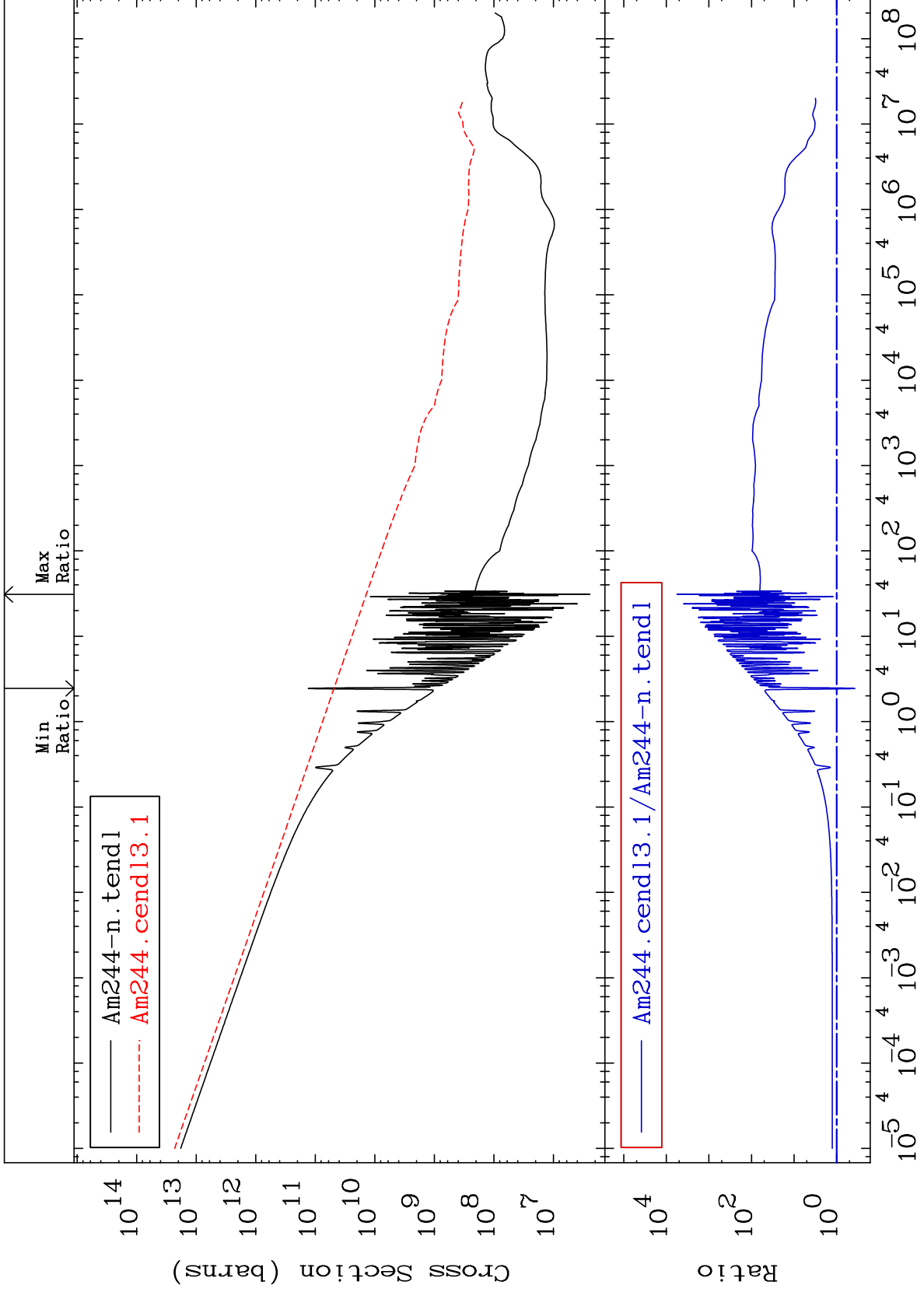
95-Am-244
-97.81 To 9999. %



MAT 9552

Total kinematic kerma (high limit)
Cross Section

95-Am-244
-63.23 To 9999. %



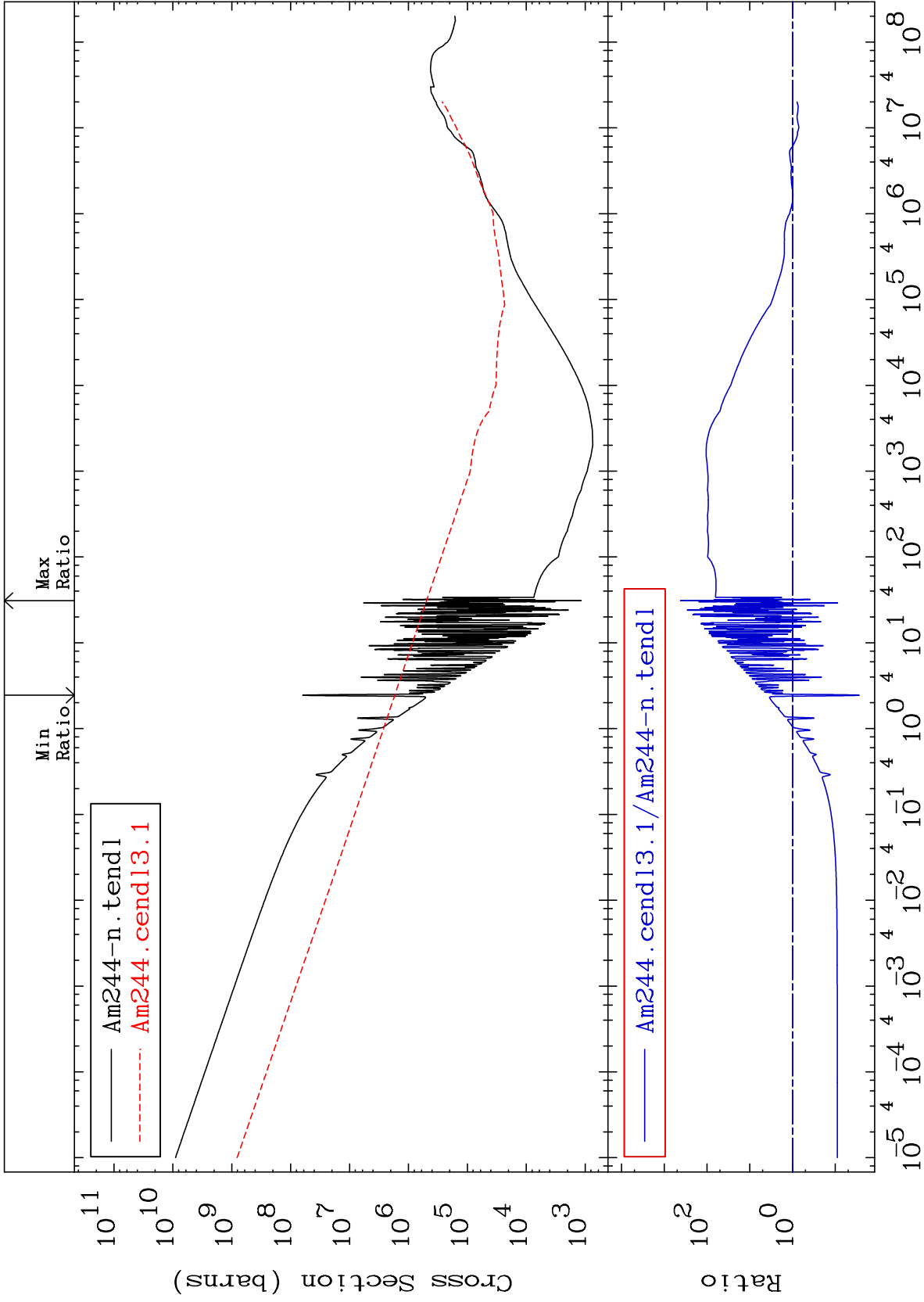
MAT 9552

Dpa total (eV-barns)

95-Am-244

-97.27 To 9999. %

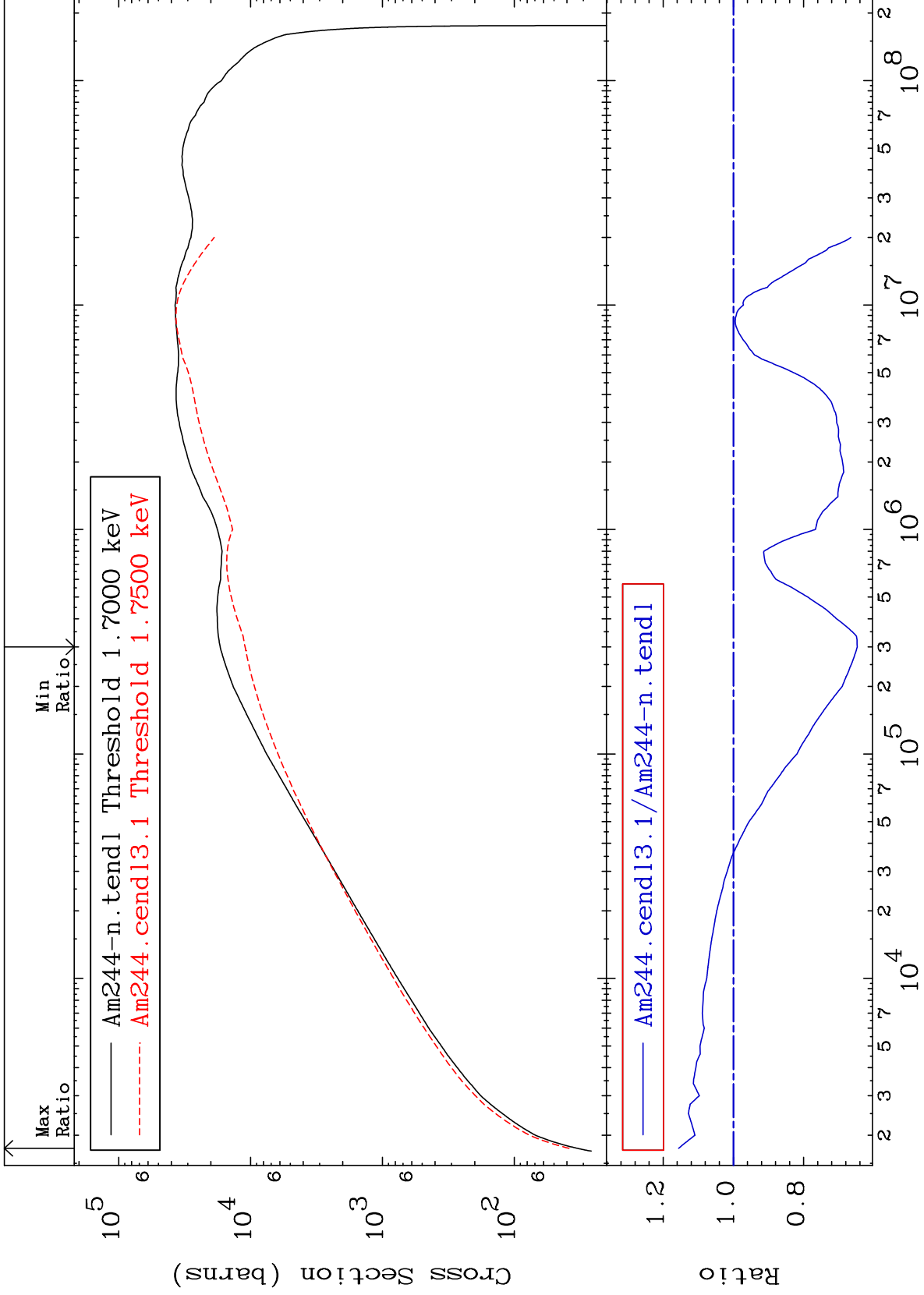
Cross Section



MAT 9552

Dpa elastic (mt2)
Cross Section

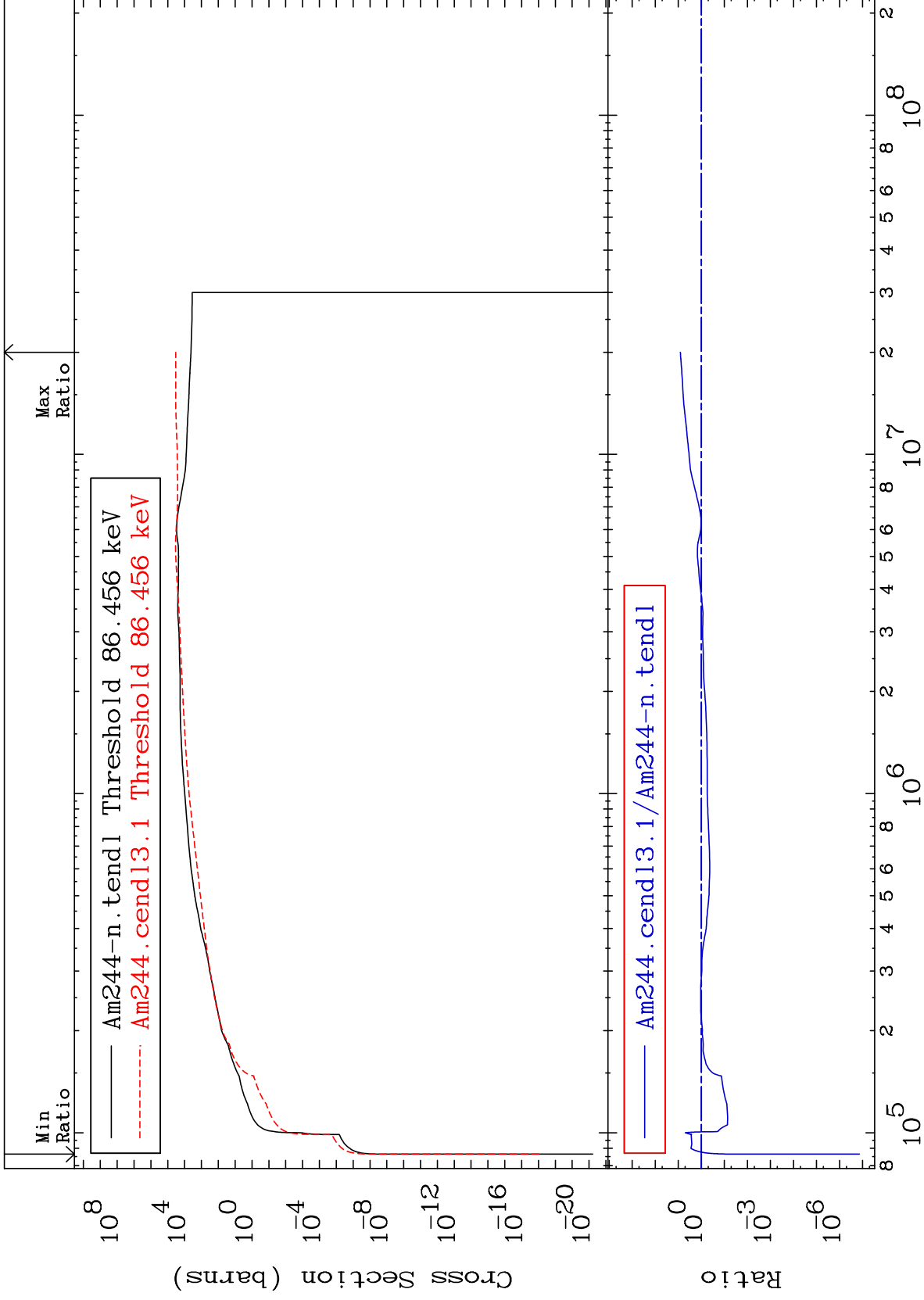
95-Am-244
-35.26 To 15.60 %



MAT 9552

Dpa inelastic (mt51-91)
Cross Section

95-Am-244
-100.0 To 709.4 %



MAT 9552

Dpa disappearance (mt102 -120)
Cross Section

95-Am-244
206.1 To 9999. %

