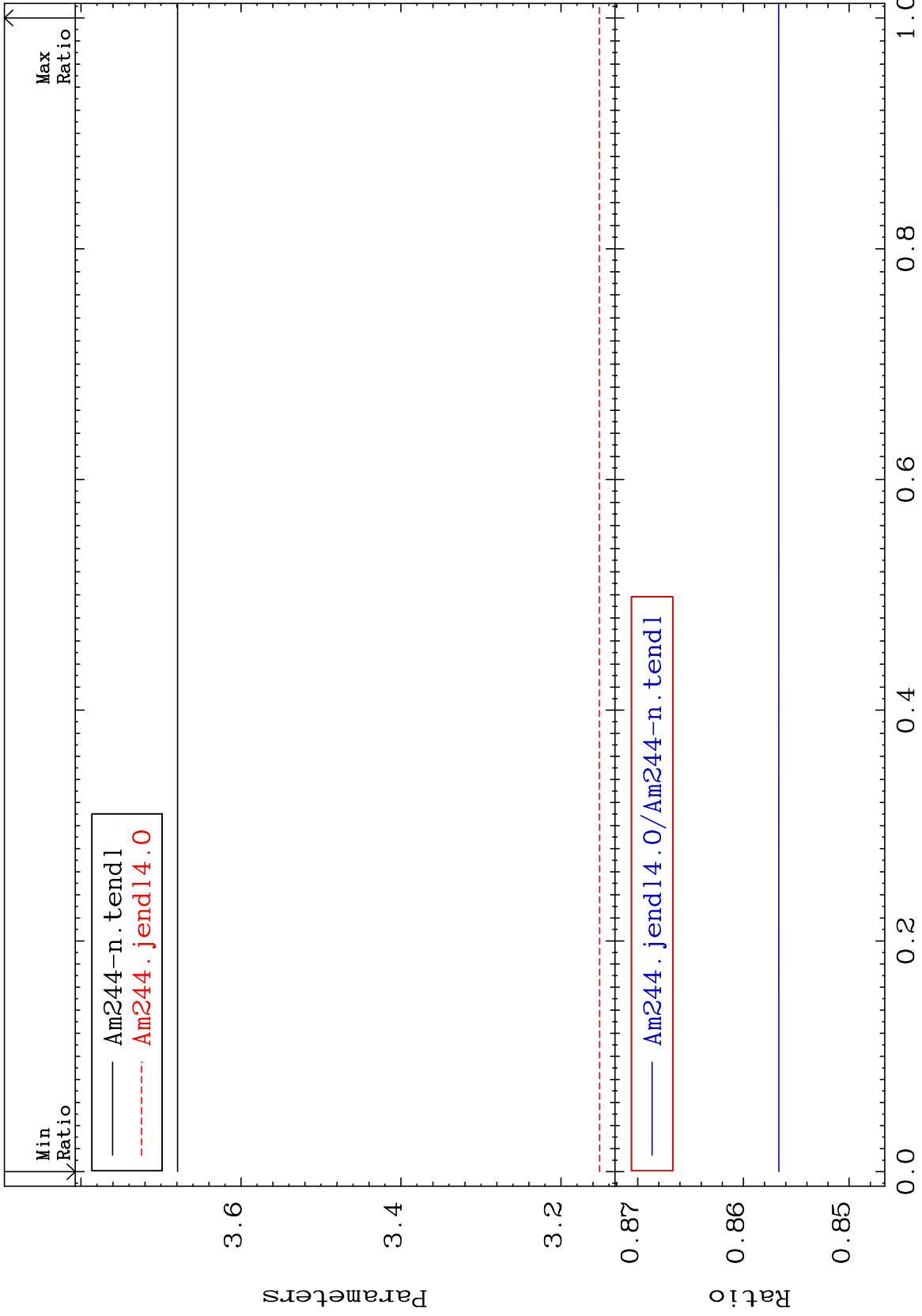


MAT 9552

Total $\bar{\nu}$
Parameters

95-Am-244
-14.33 To -14.33%



1

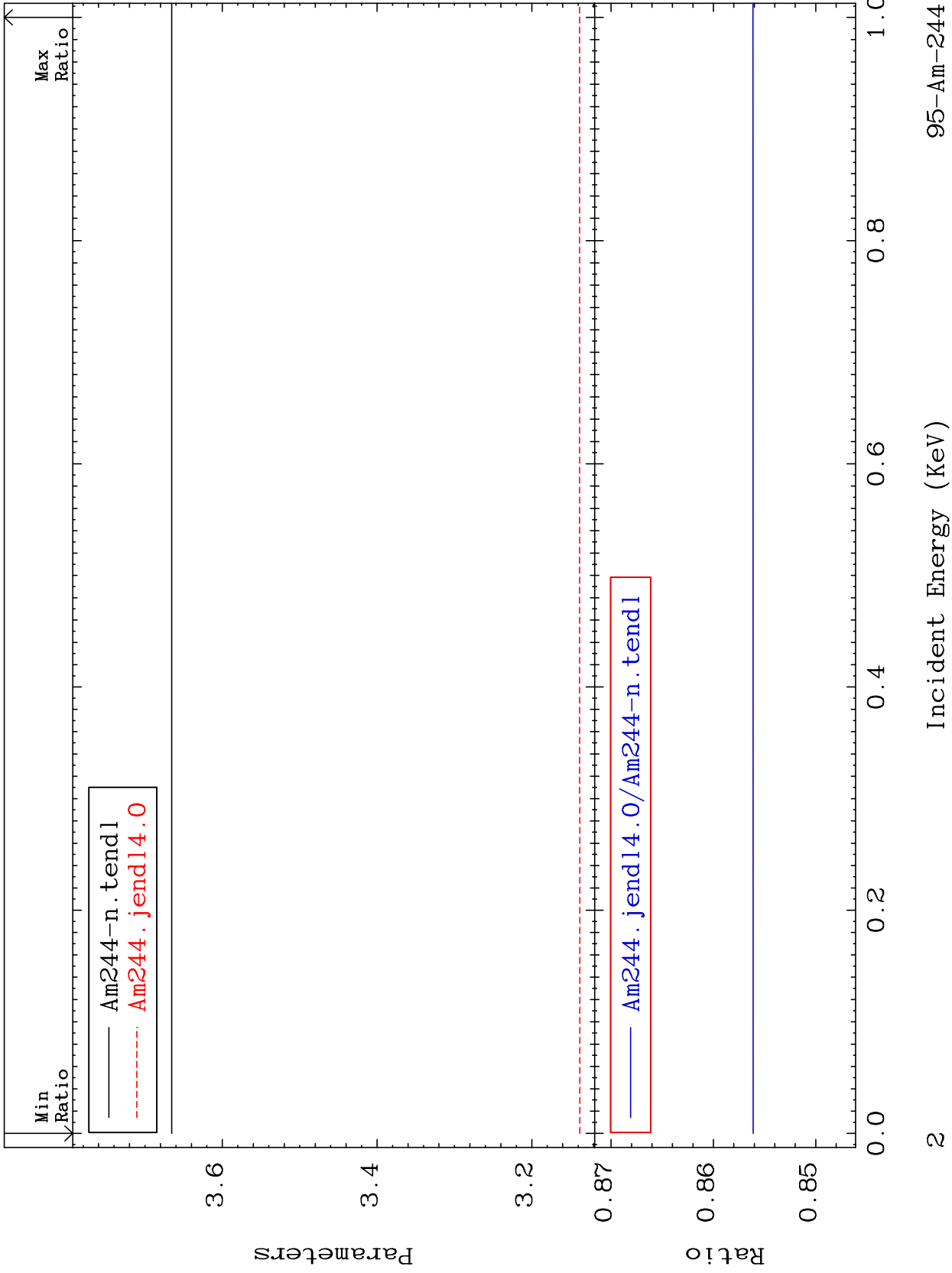
Incident Energy (KeV)

95-Am-244

MAT 9552

Prompt $\bar{\nu}$
Parameters

95-Am-244
-14.39 To -14.39%



2

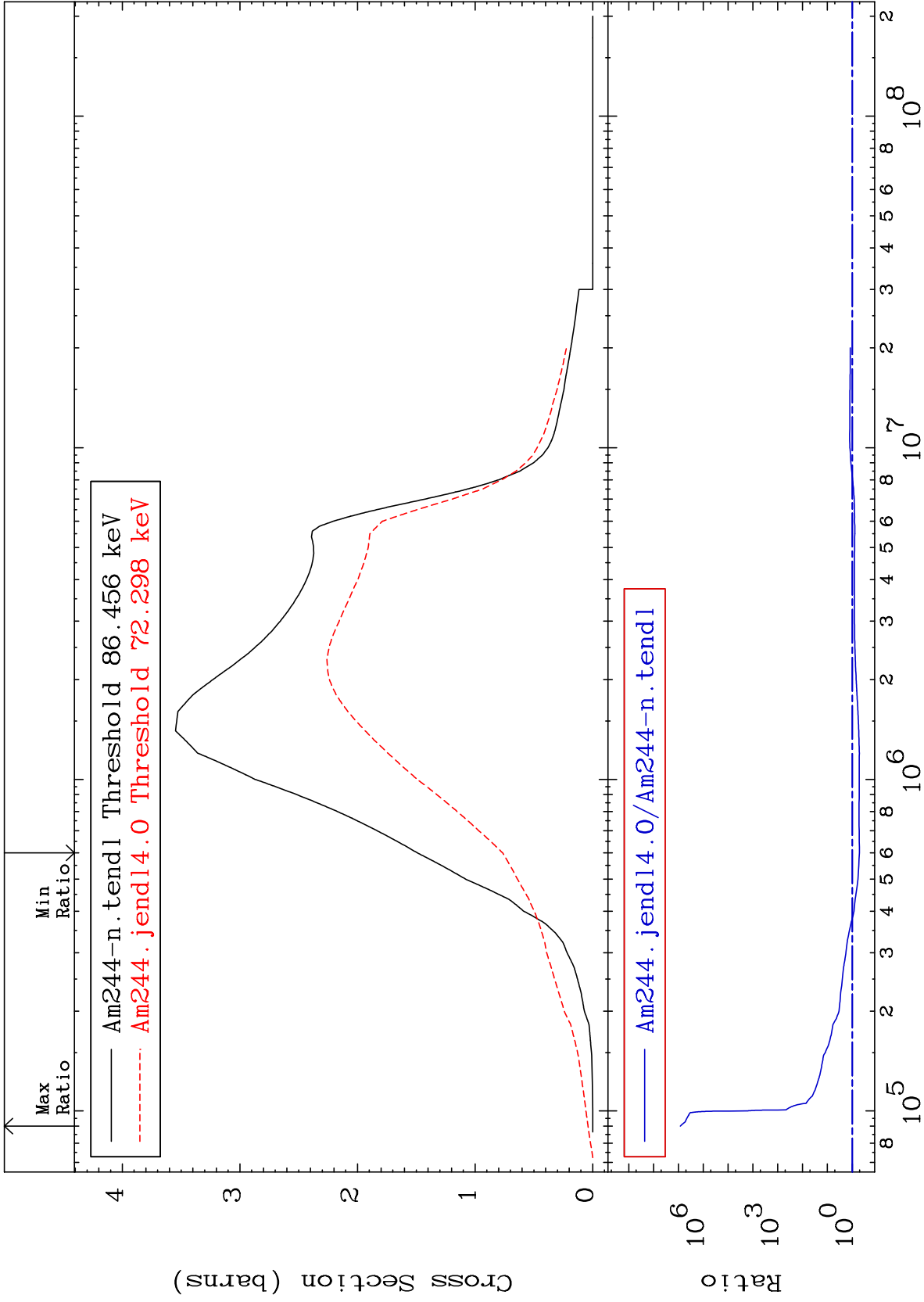
Incident Energy (KeV)

95-Am-244

MAT 9552

Inelastic
Cross Section

95-Am-244
-48.66 To 9999. %



3

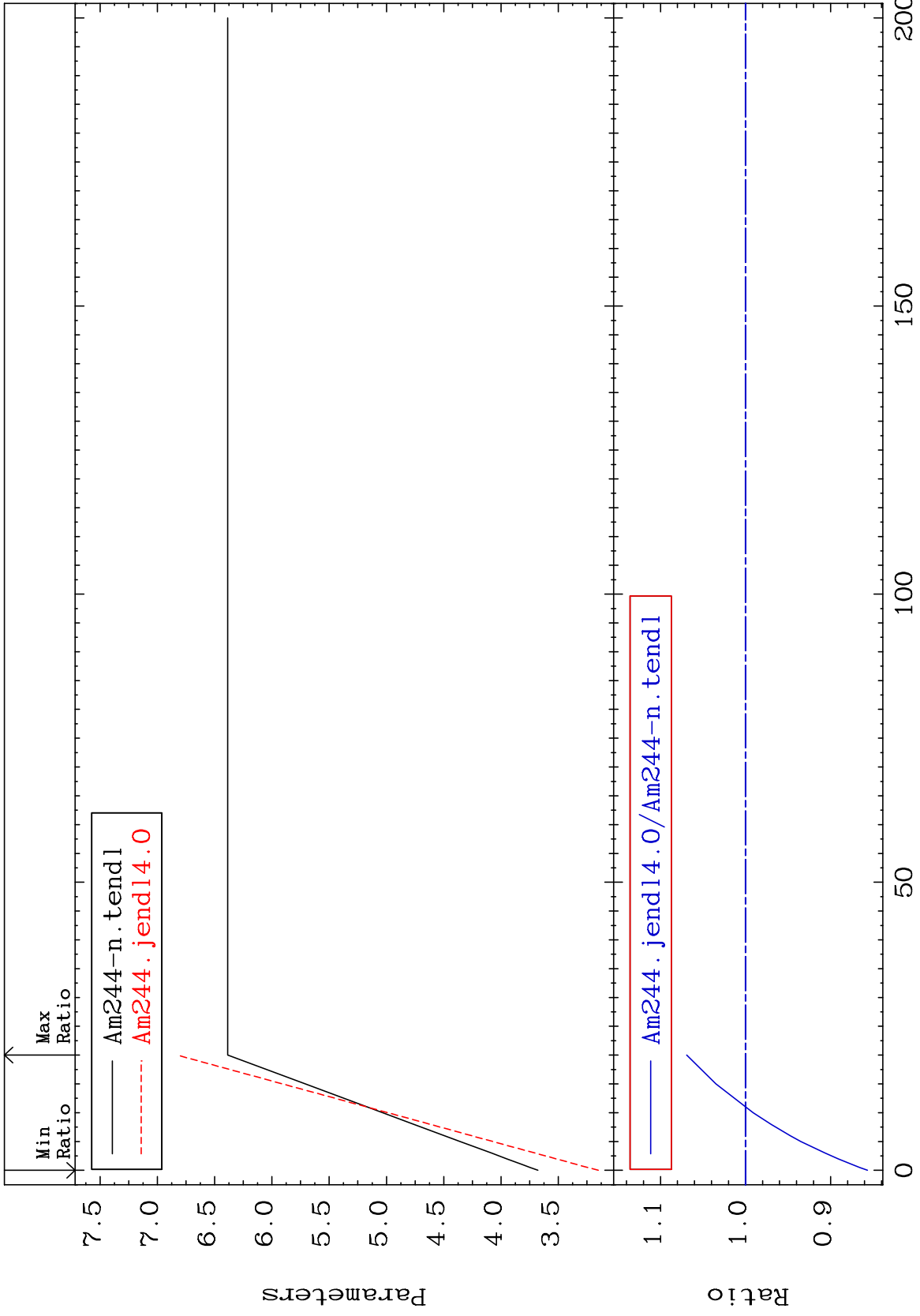
Incident Energy (eV)

95-Am-244

MAT 9552

Total $\bar{\nu}$
Parameters

95-Am-244
-14.33 To 6.916 %



Incident Energy (MeV)

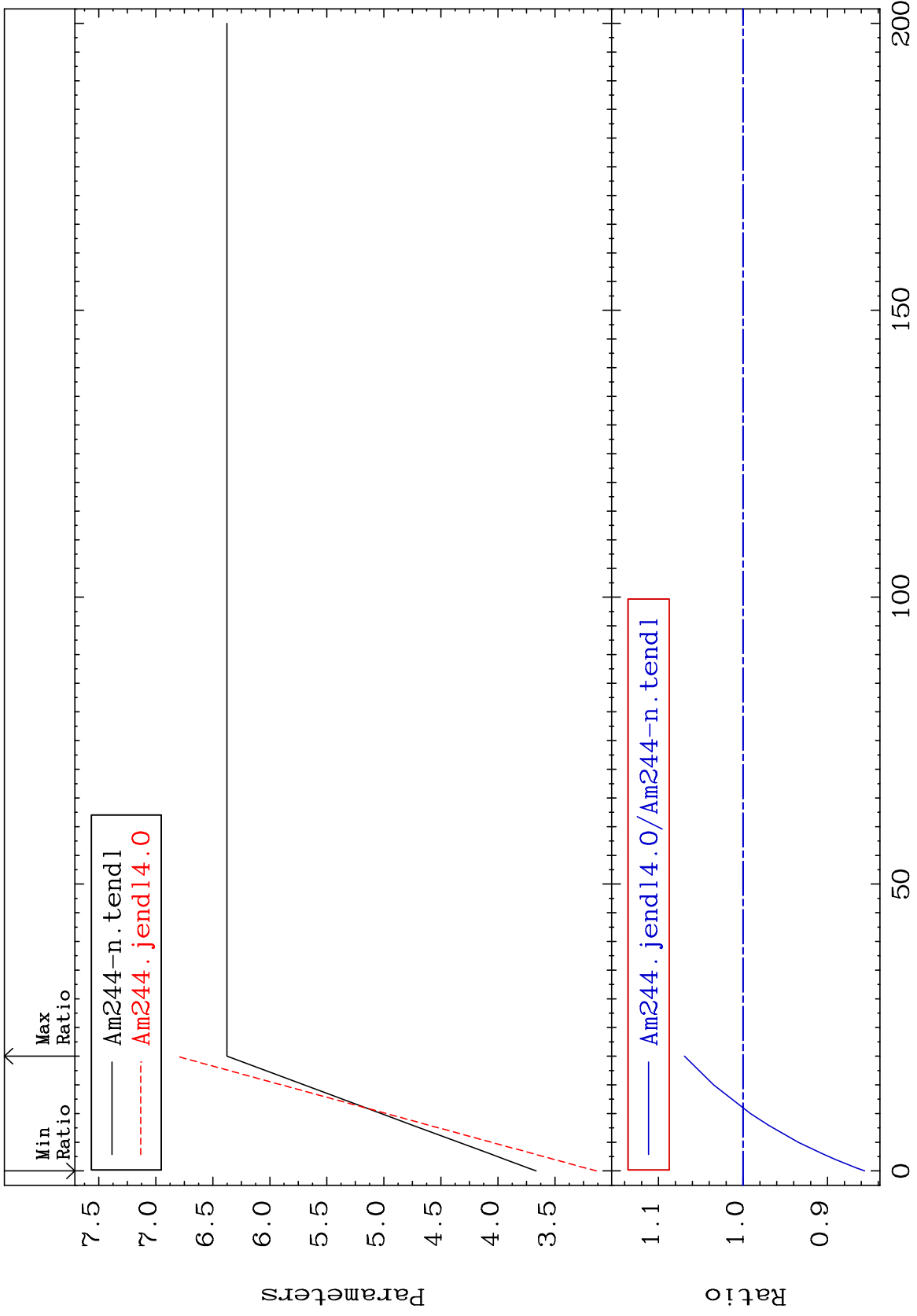
95-Am-244

1

MAT 9552

Prompt $\bar{\nu}$
Parameters

95-Am-244
-14.39 To 6.926 %



2

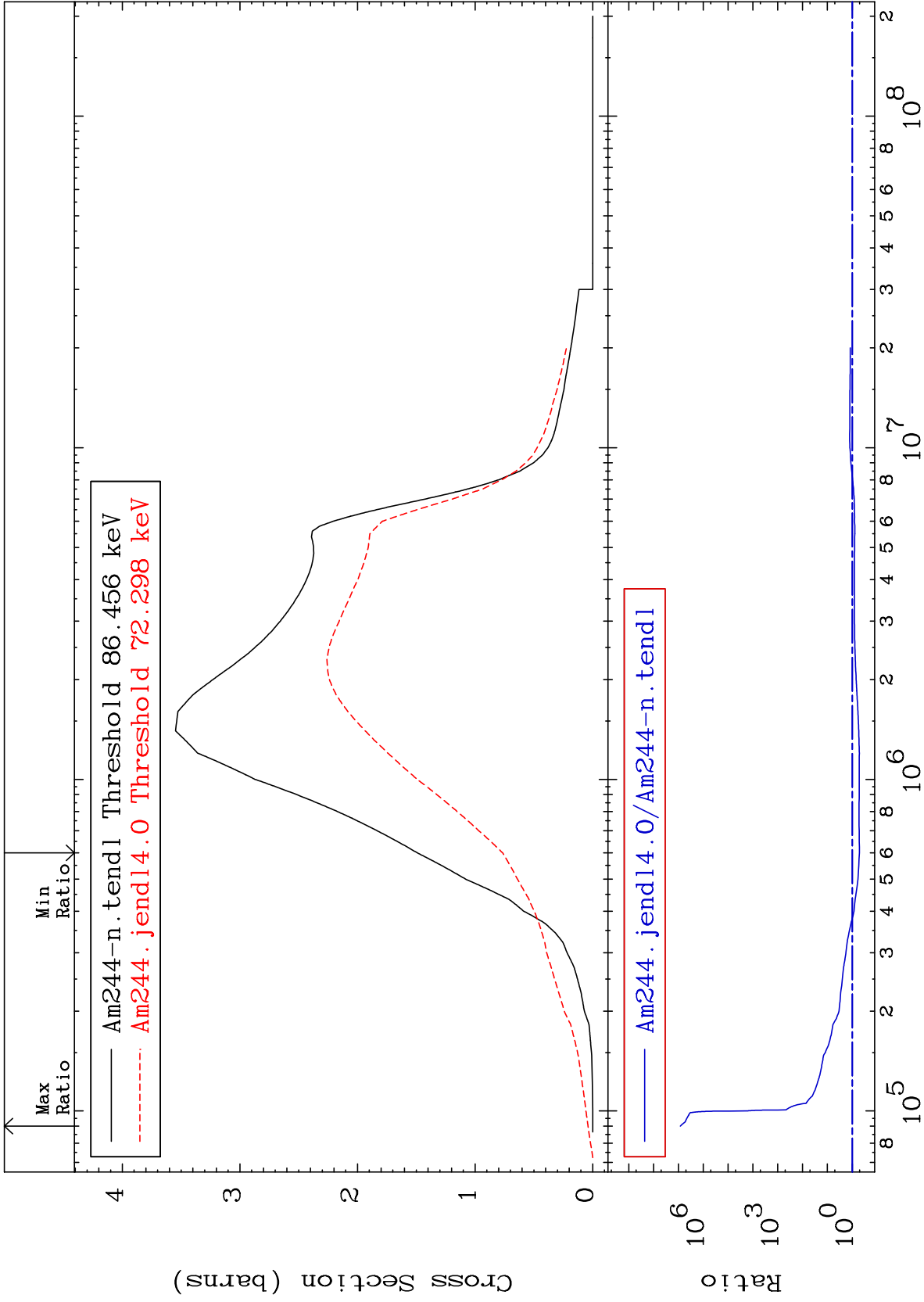
Incident Energy (MeV)

95-Am-244

MAT 9552

Inelastic
Cross Section

95-Am-244
-48.66 To 9999. %



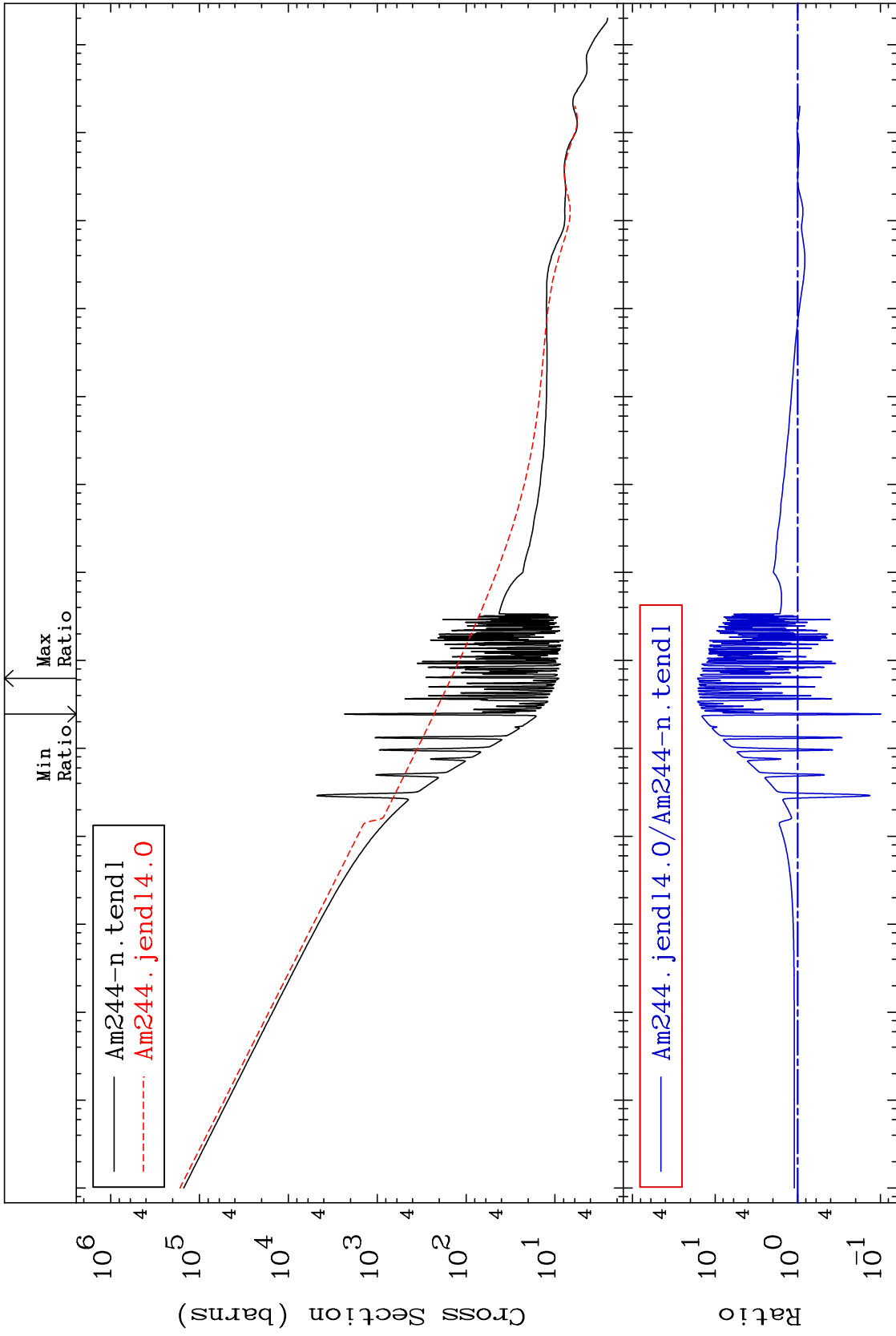
3

Incident Energy (eV)

95-Am-244

MAT 9552

Total Cross Section
95-Am-244
-90.18 To 1537. %



95-Am-244

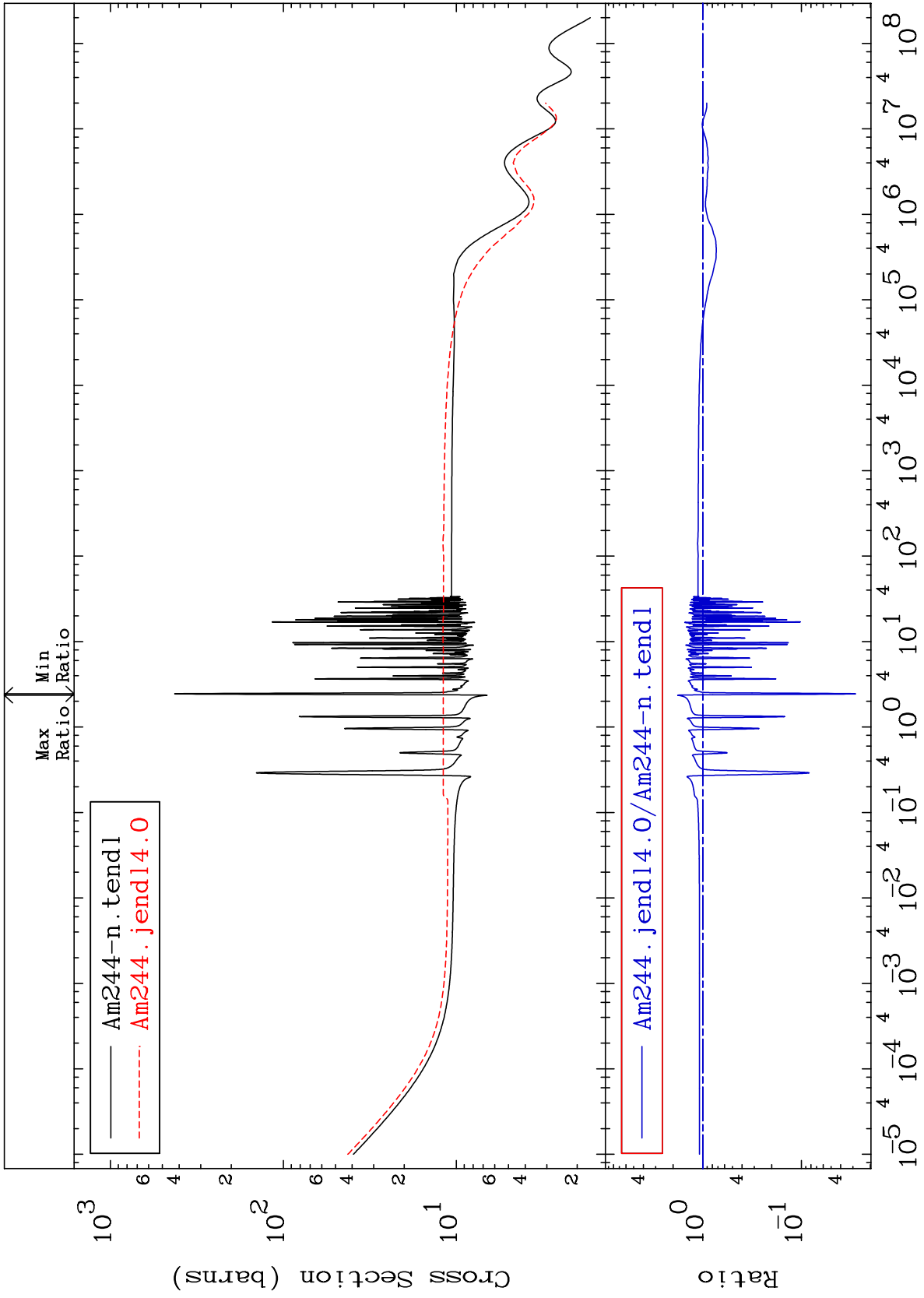
Incident Energy (eV)

1

MAT 9552

Elastic
Cross Section

95-Am-244
-97.20 To 80.05 %



Incident Energy (eV)

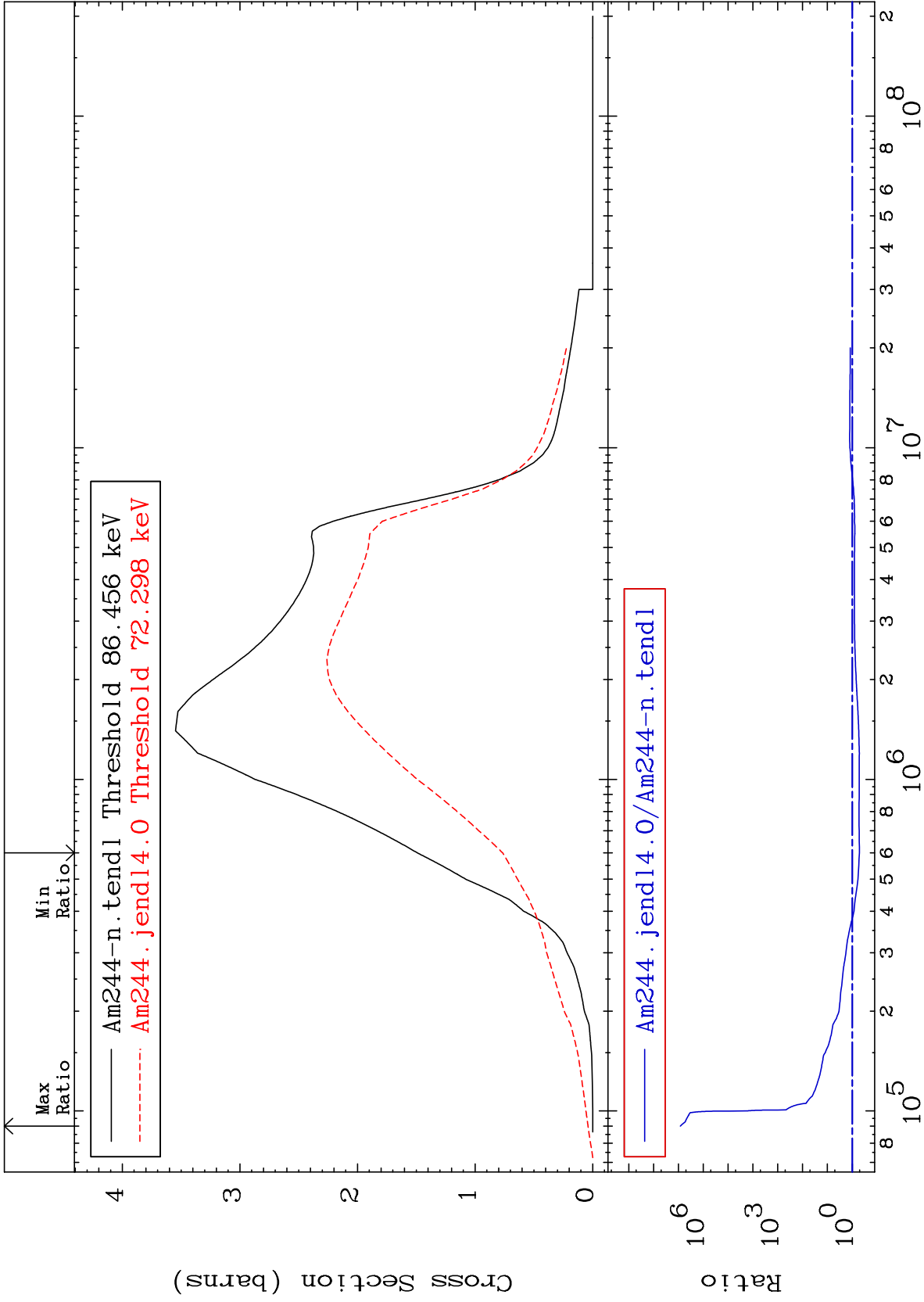
95-Am-244

2

MAT 9552

Inelastic
Cross Section

95-Am-244
-48.66 To 9999. %



3

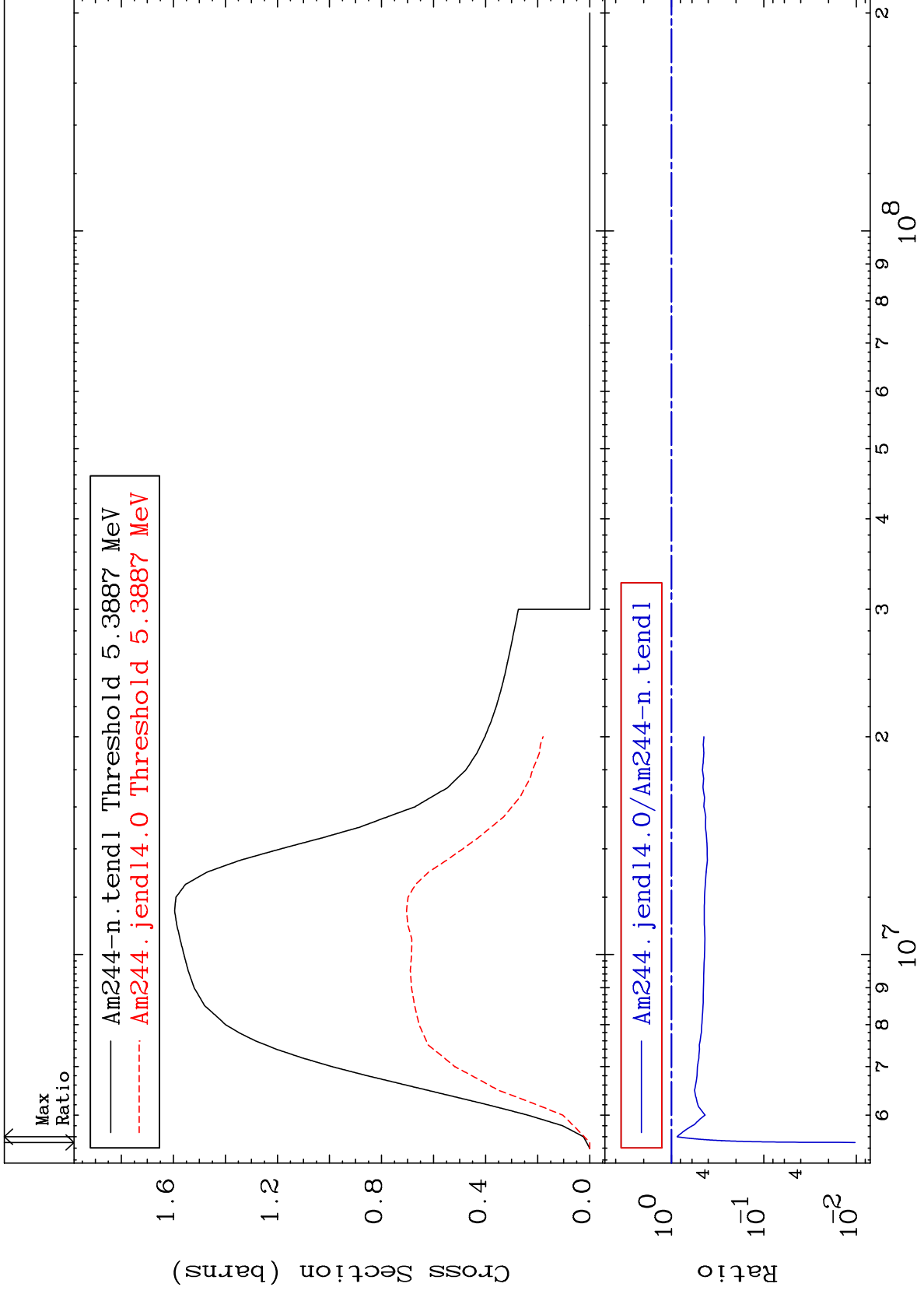
Incident Energy (eV)

95-Am-244

MAT 9552

(n,2n)
Cross Section

95-Am-244
-98.97 To -12.76%



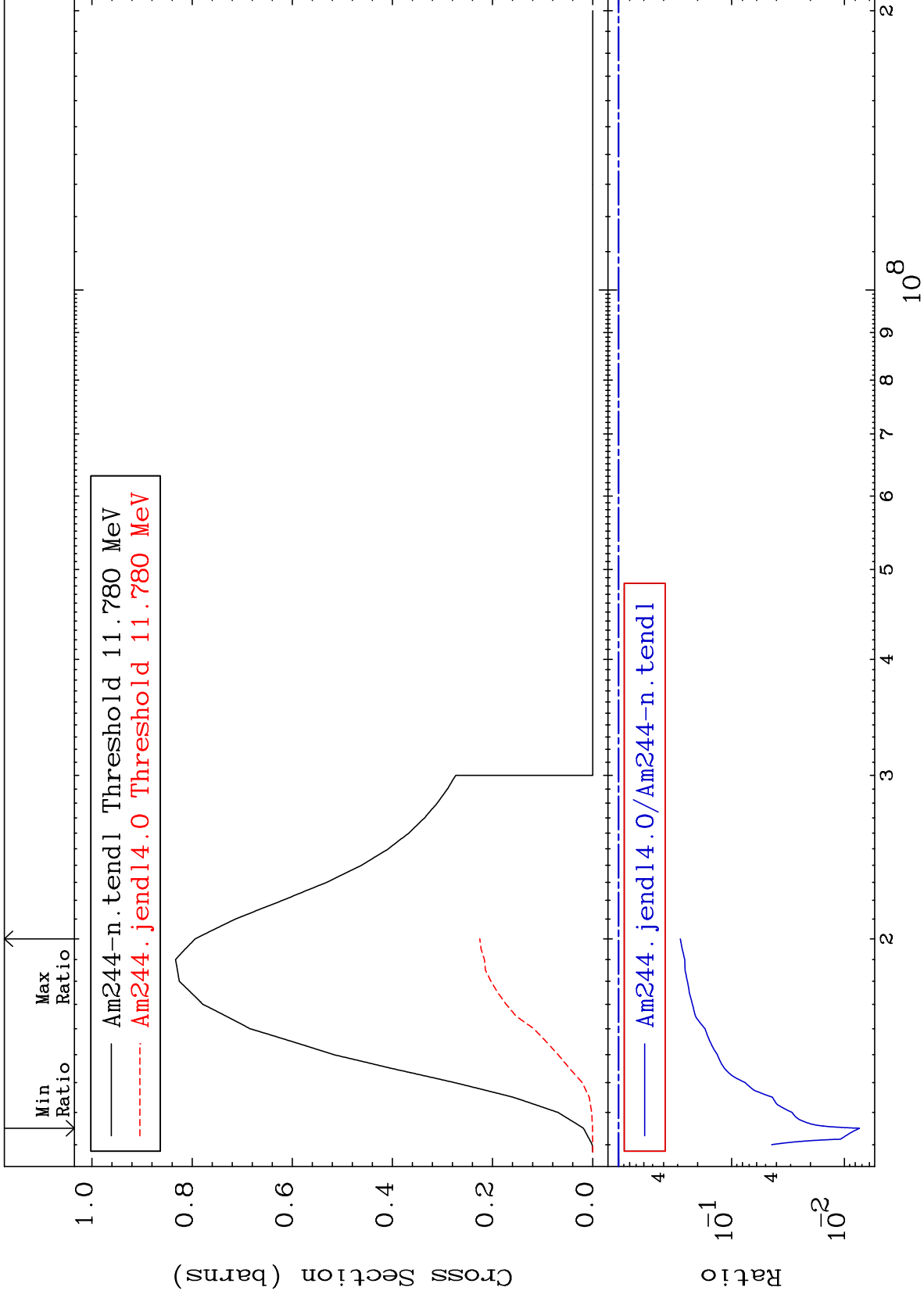
MAT 9552

(n,3n)

95-Am-244

Cross Section

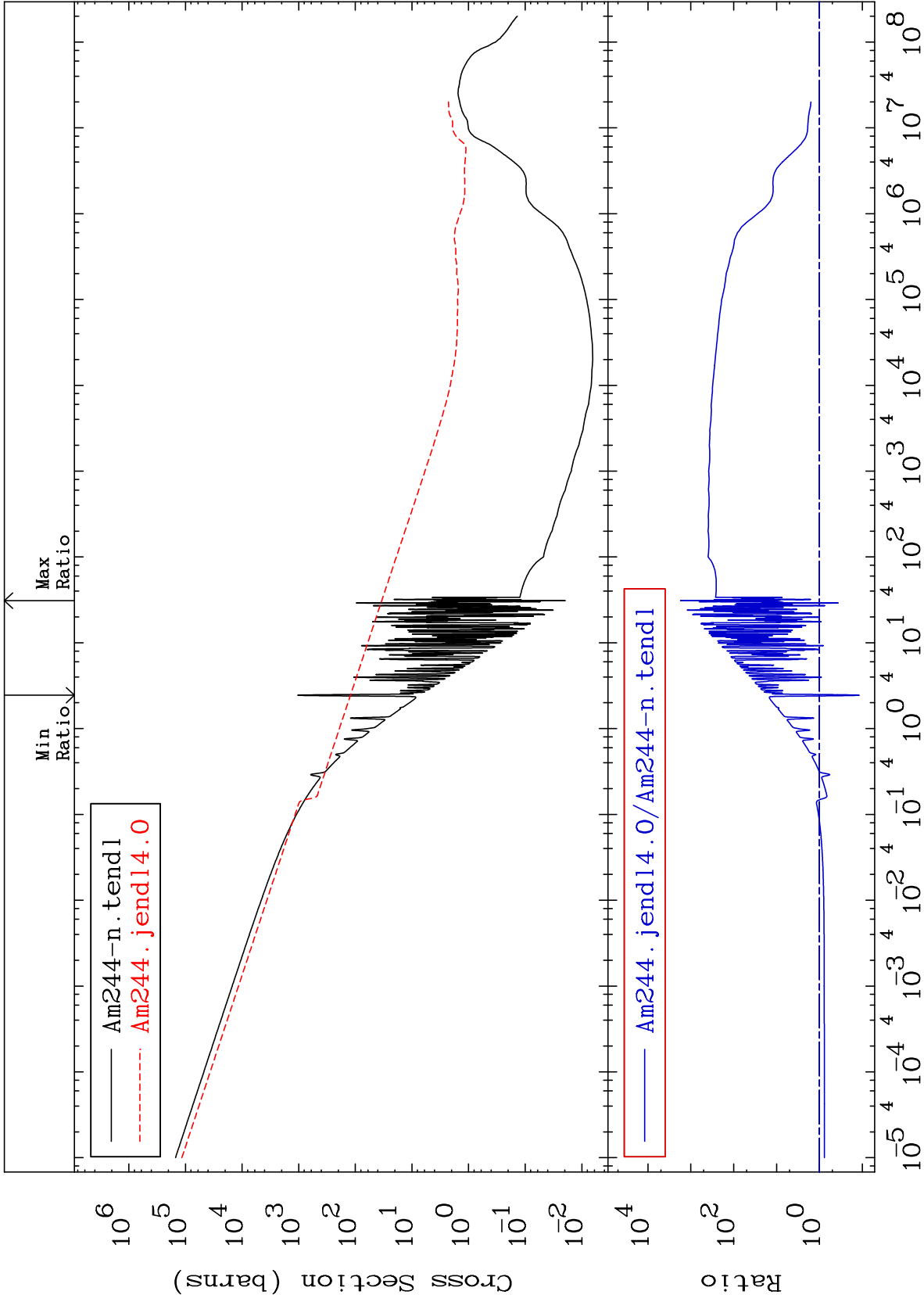
-99.26 To -71.58%



MAT 9552

Fission Cross Section

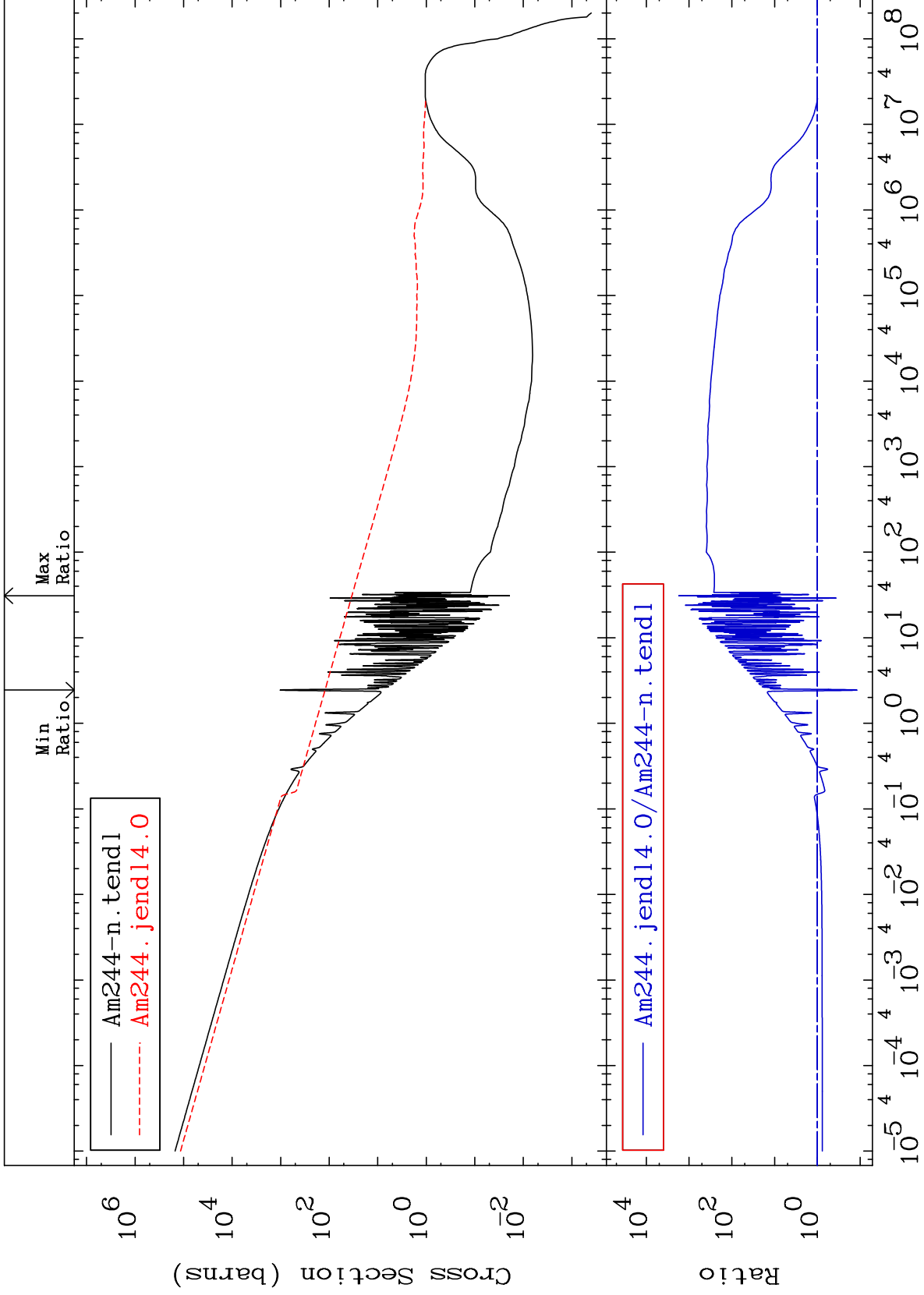
95-Am-244
-88.30 To 9999. %

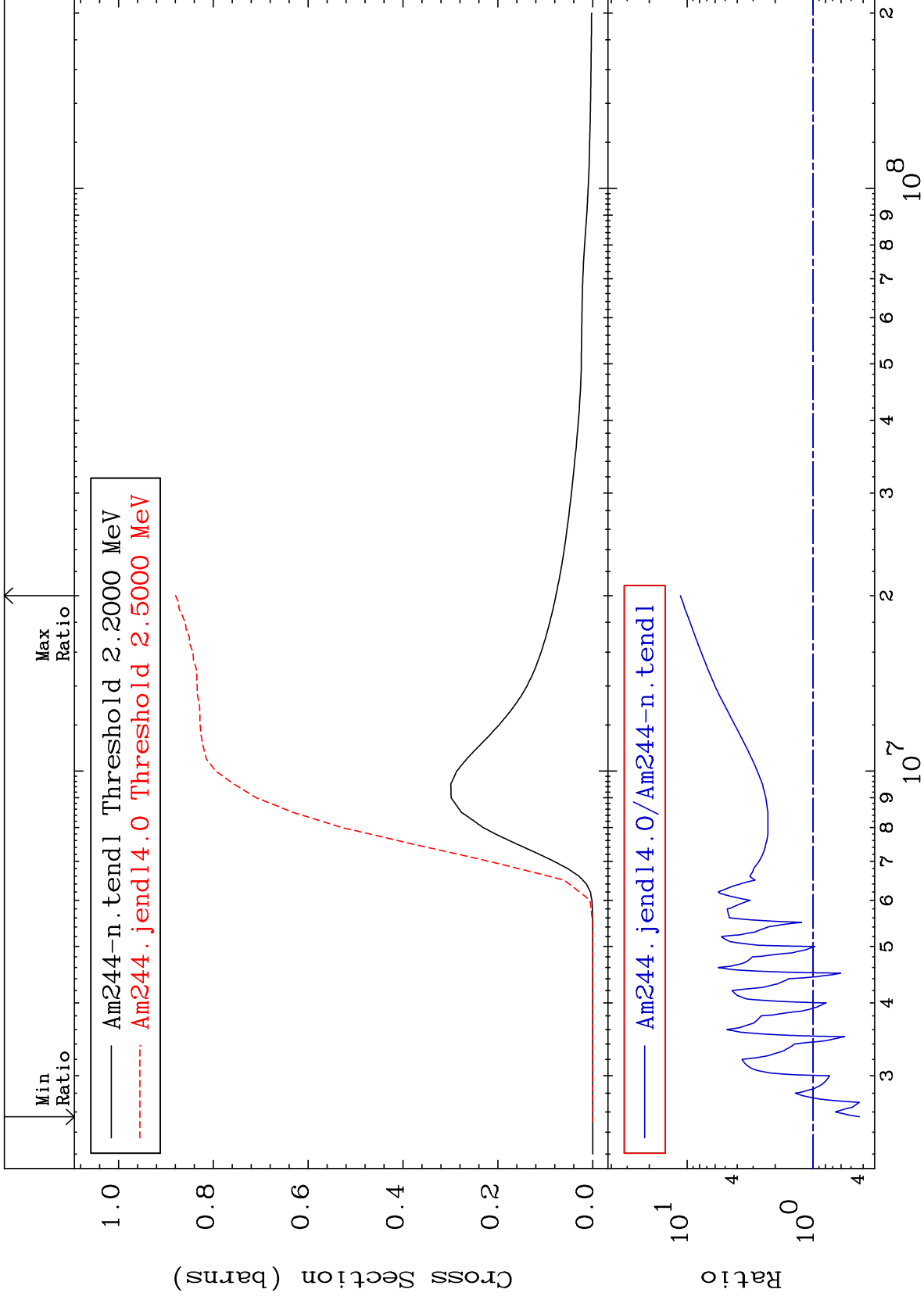


MAT 9552

(n,f) First Chance
Cross Section

95-Am-244
-88.30 To 9999. %

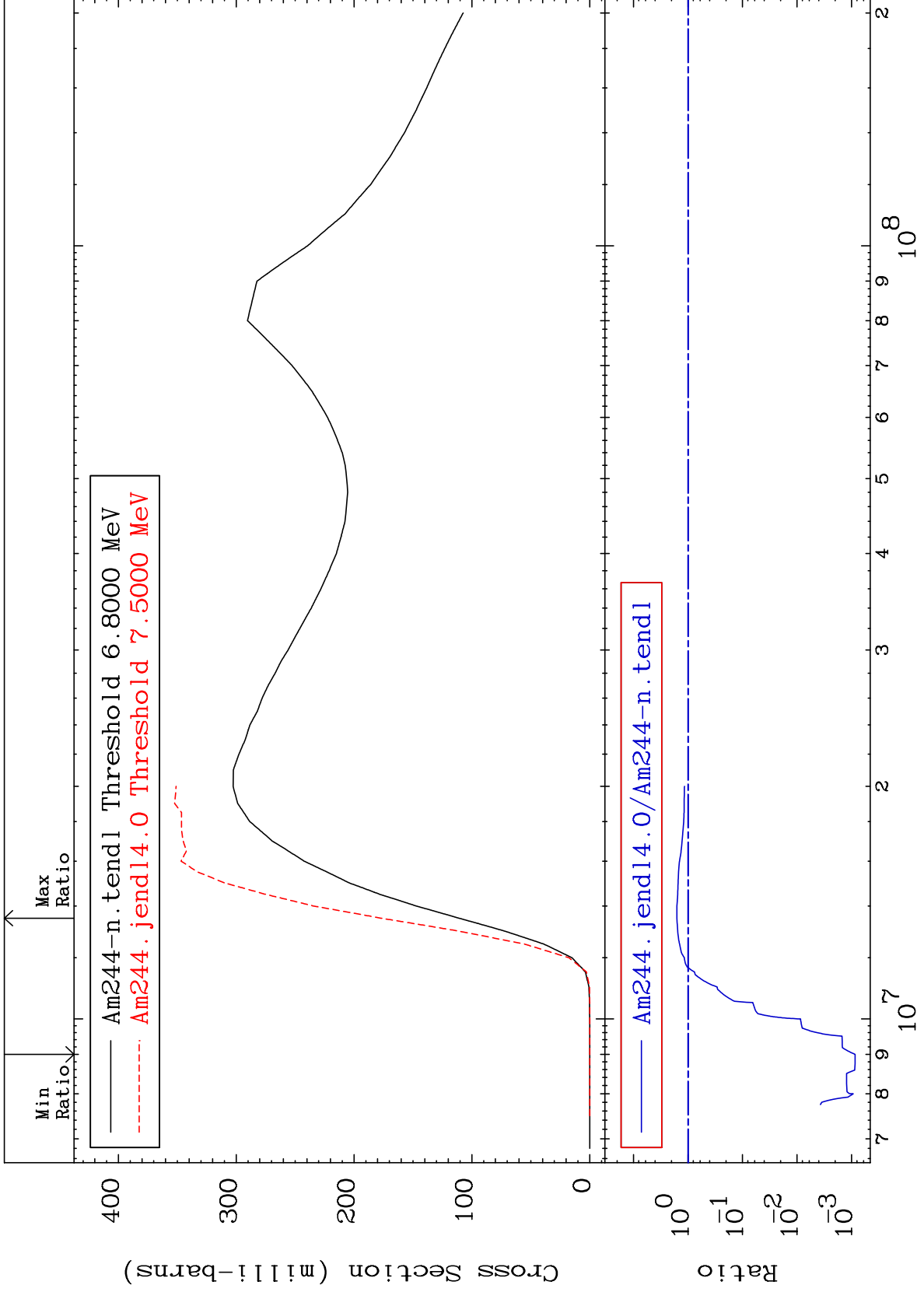




MAT 9552

(n,2nf) Third Chance
Cross Section

95-Am-244
-99.91 To 59.54 %



9

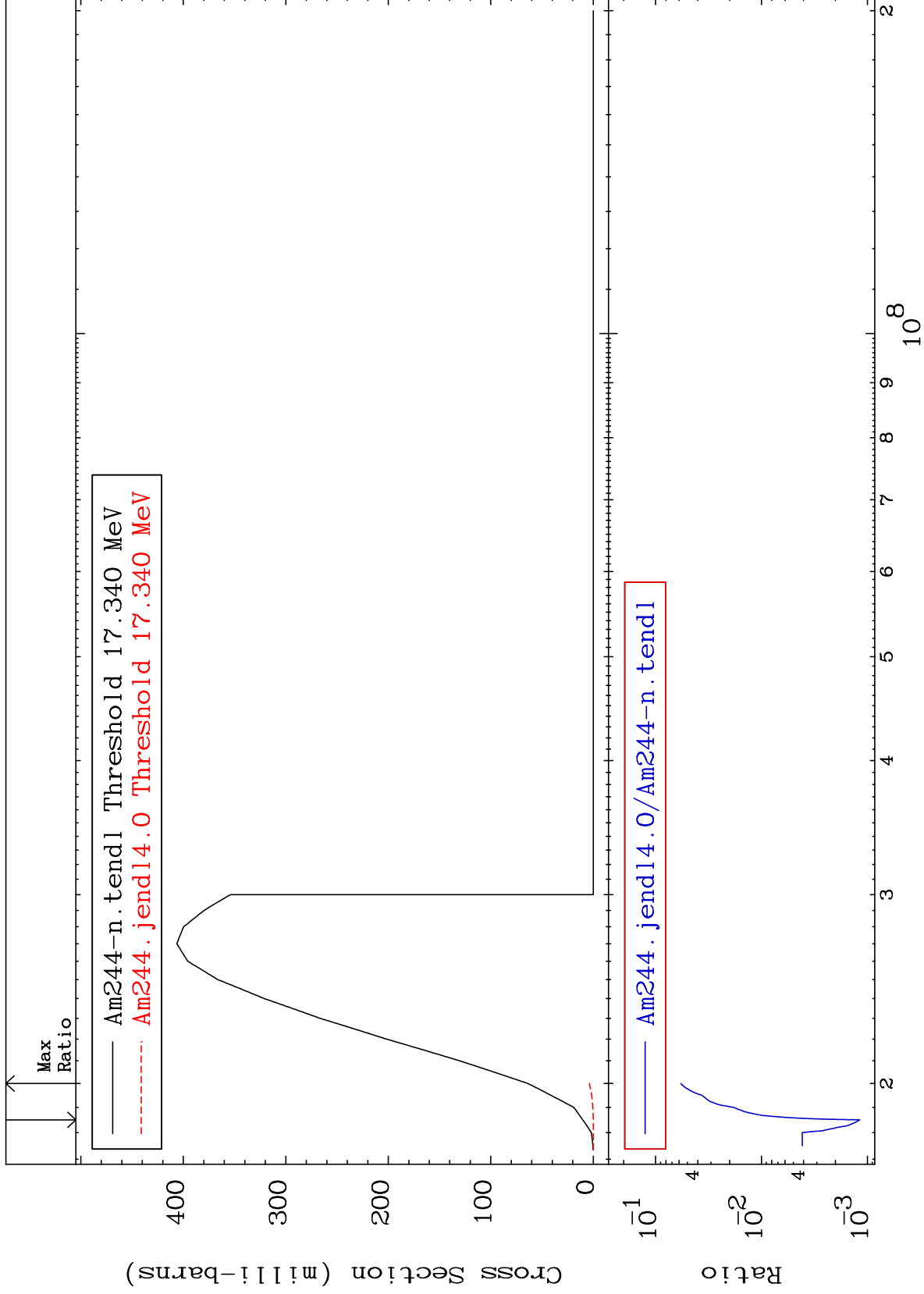
Incident Energy (eV)

95-Am-244

MAT 9552

(n,4n)
Cross Section

95-Am-244
-99.88 To -94.22%



10

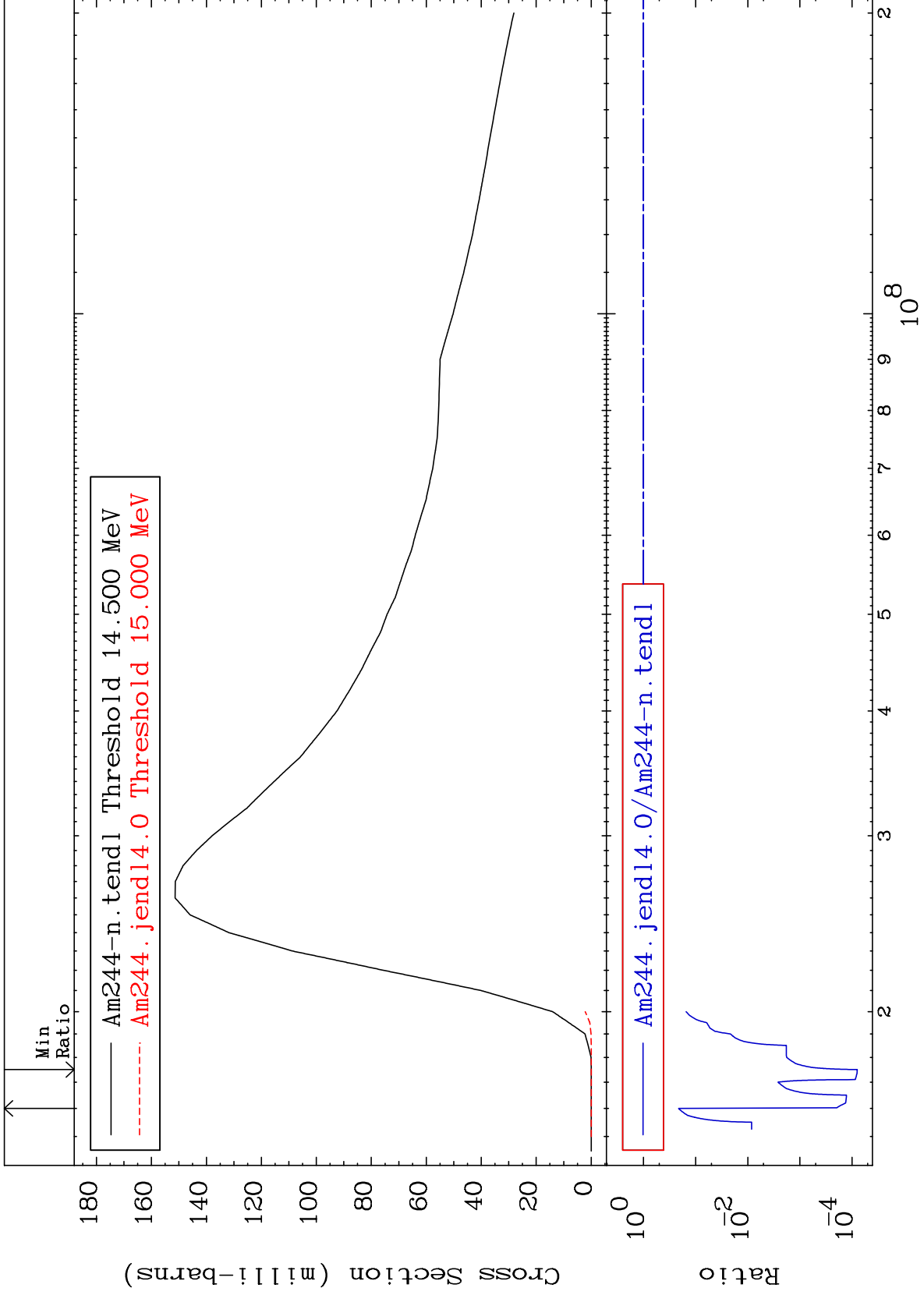
Incident Energy (eV)

95-Am-244

MAT 9552

(n,3nf) Fourth Chance
Cross Section

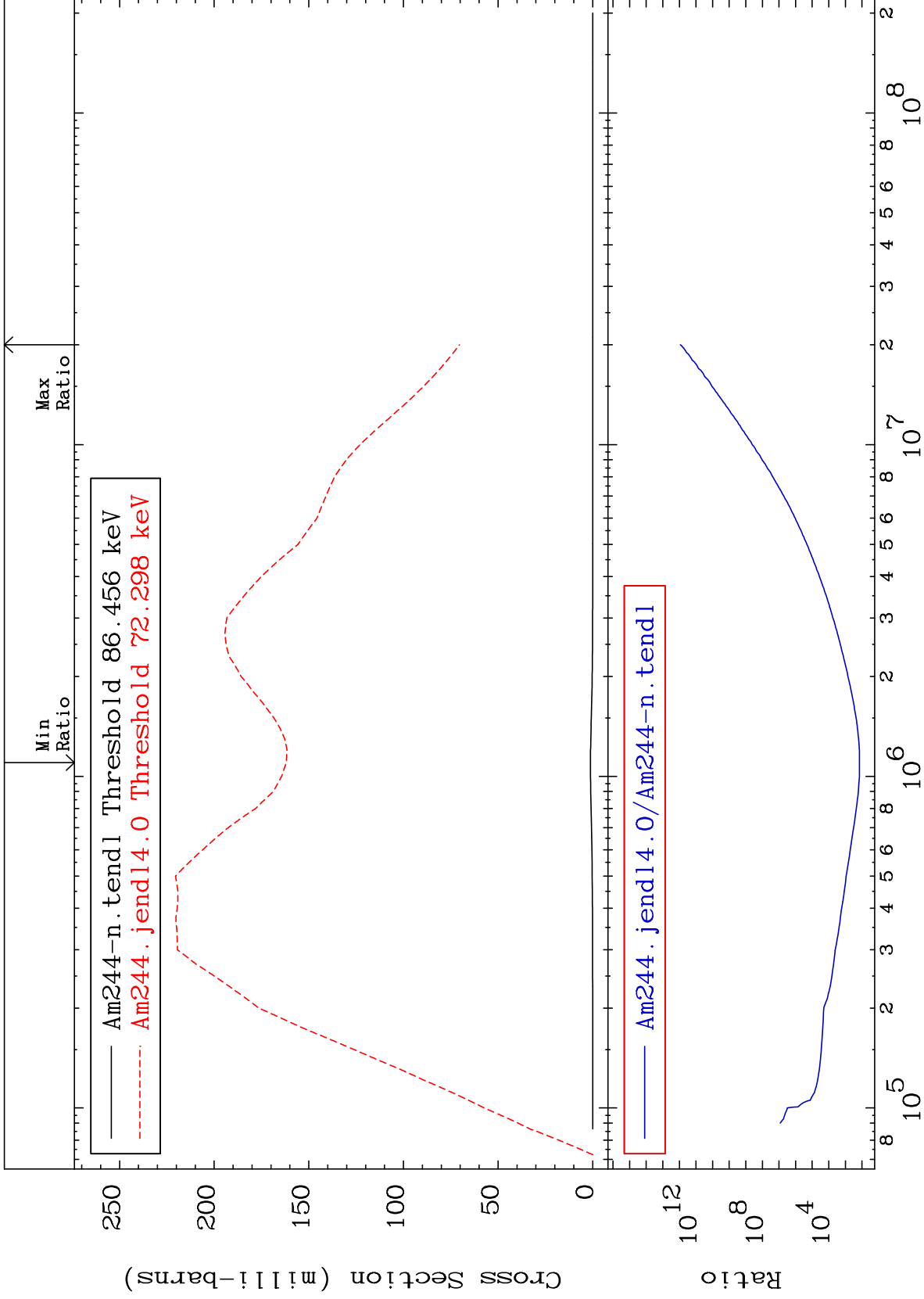
95-Am-244
-99.99 To -78.79%



MAT 9552

86.10 keV (n,n') Level
Cross Section

95-Am-244
9999. To 9999. %



12

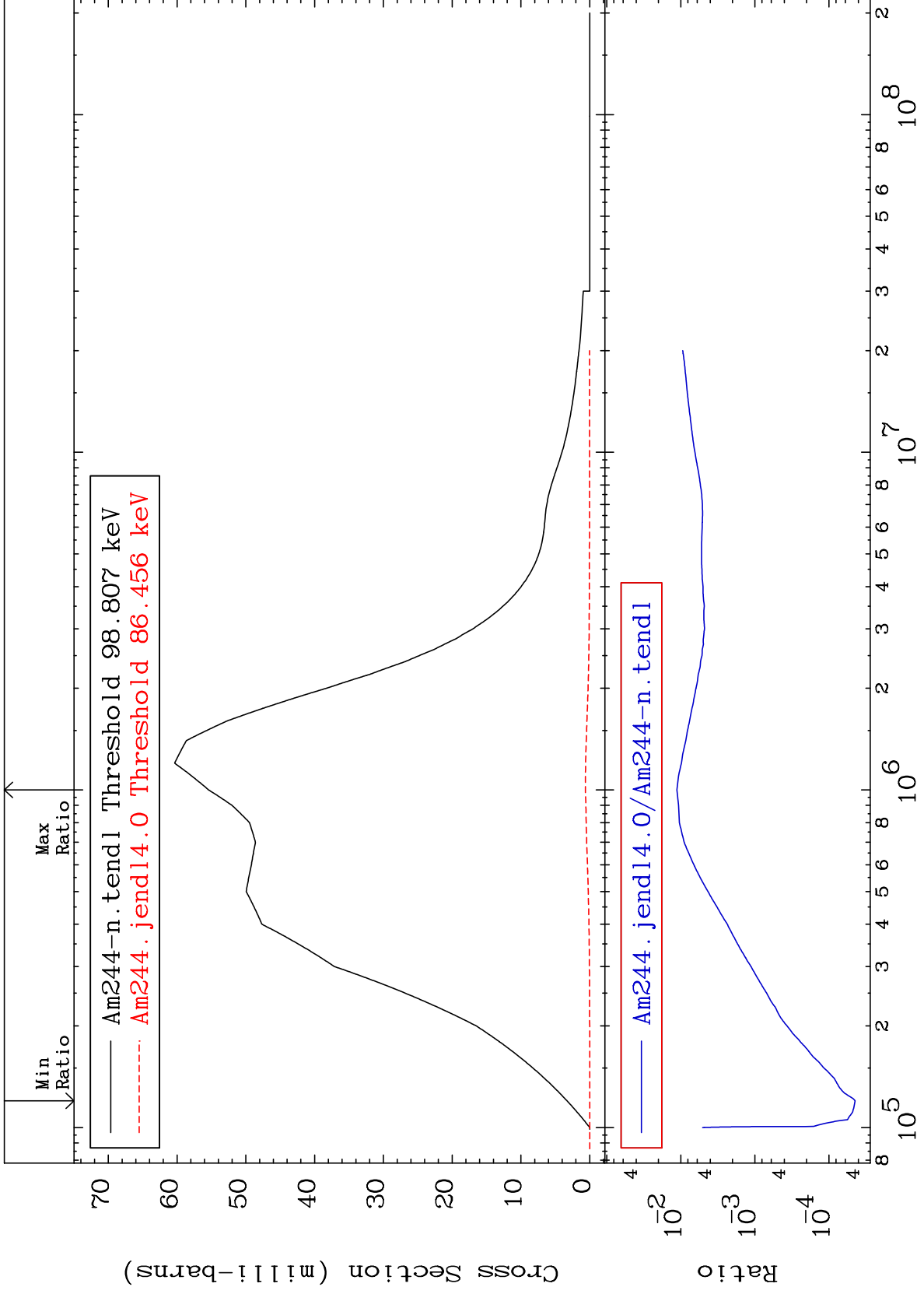
Incident Energy (eV)

95-Am-244

MAT 9552

98.40 keV (n,n') Level
Cross Section

95-Am-244
-100.0 To -98.87%



13

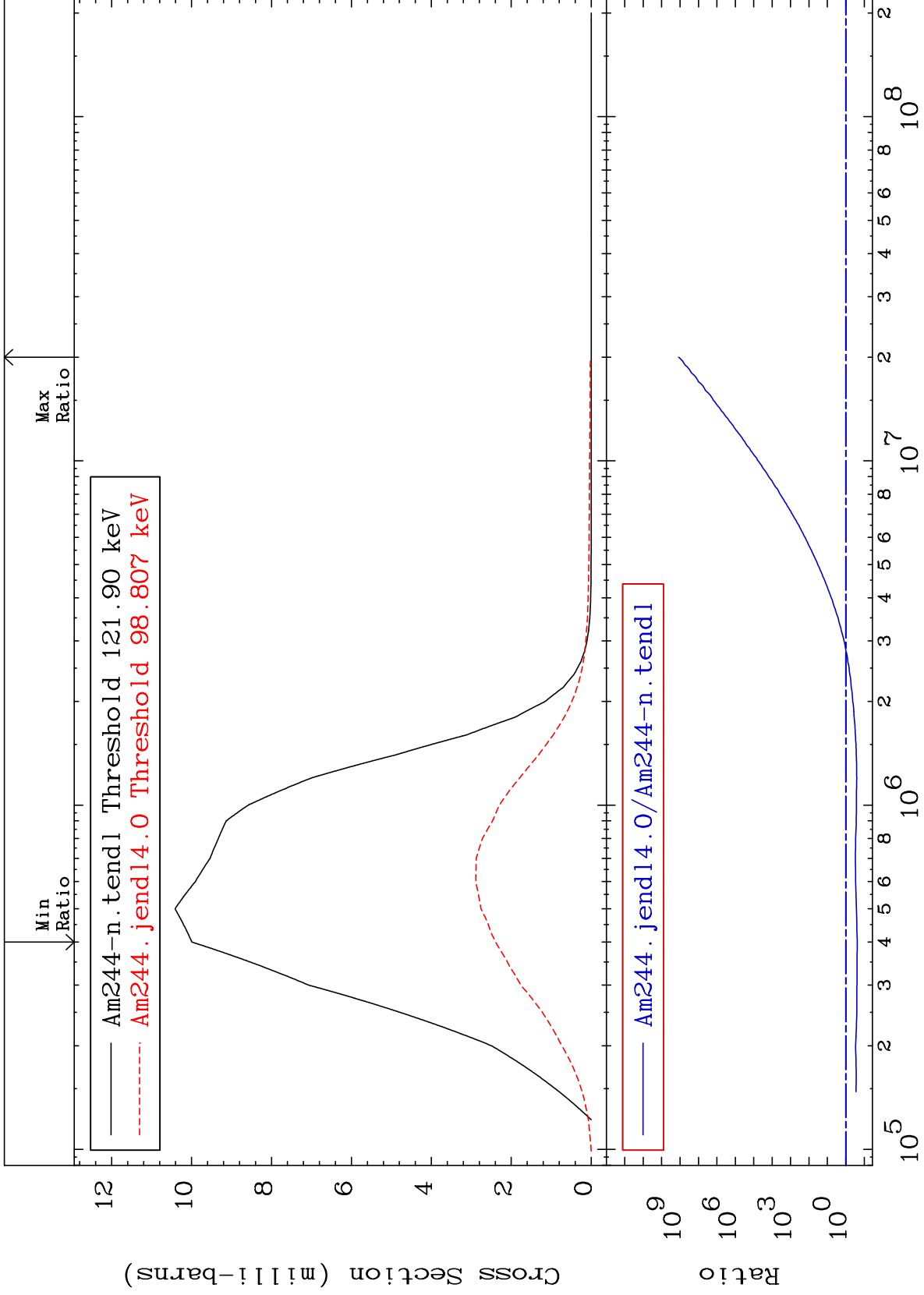
Incident Energy (eV)

95-Am-244

MAT 9552

121.4 keV (n,n') Level
Cross Section

95-Am-244
-76.05 To 9999. %



14

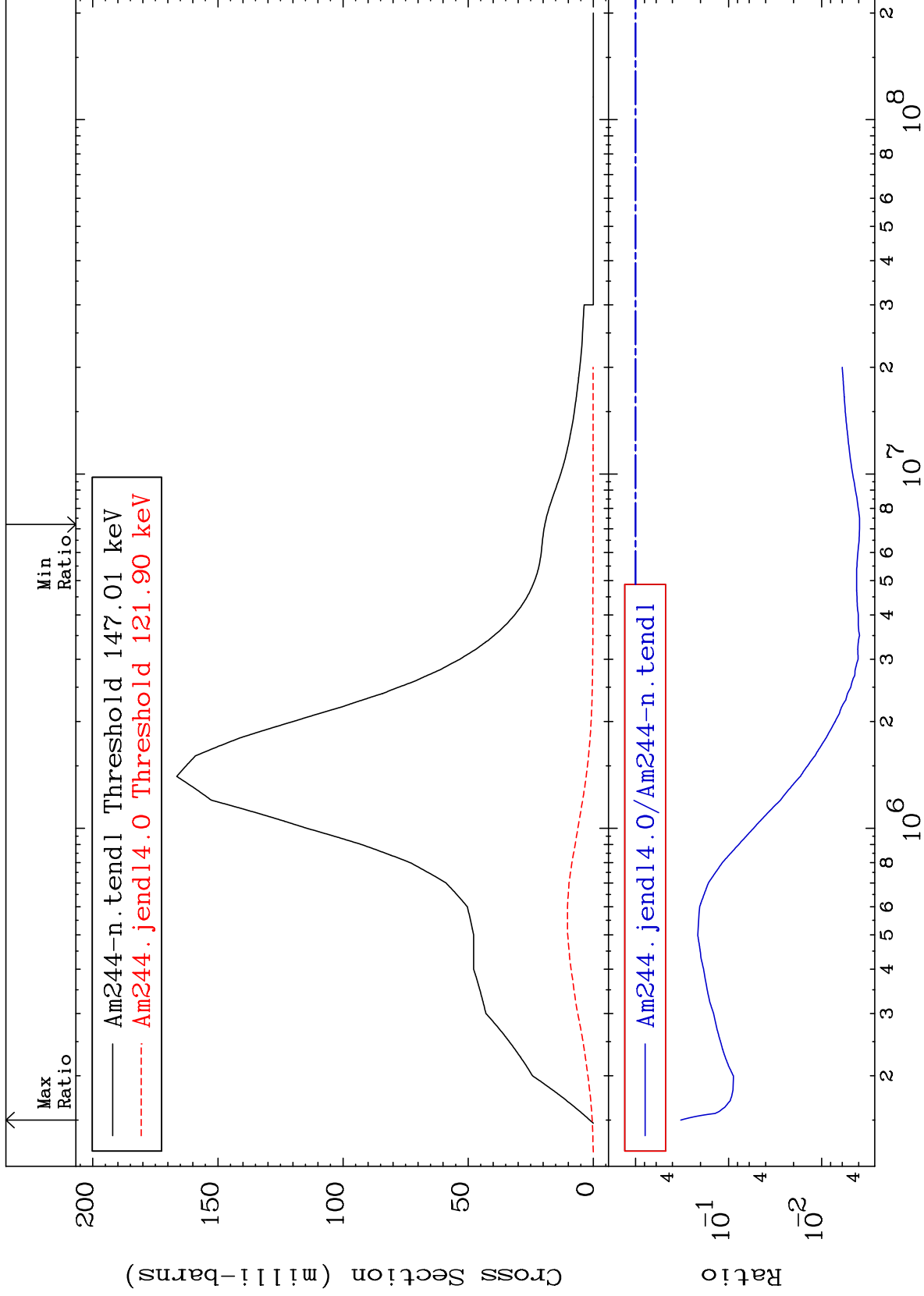
Incident Energy (eV)

95-Am-244

MAT 9552

146.4 keV (n,n') Level
Cross Section

95-Am-244
-99.61 To -67.40%



15

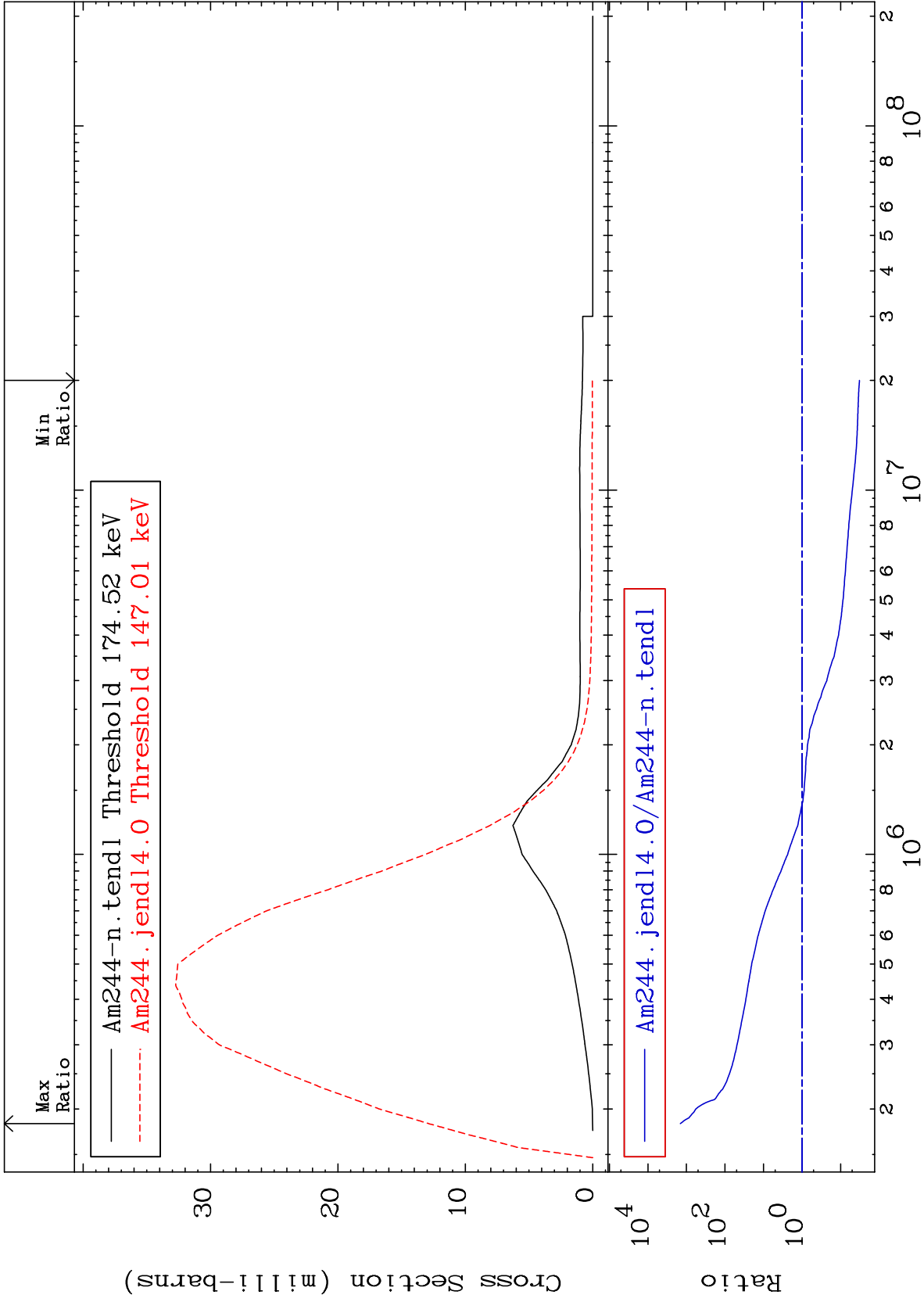
Incident Energy (eV)

95-Am-244

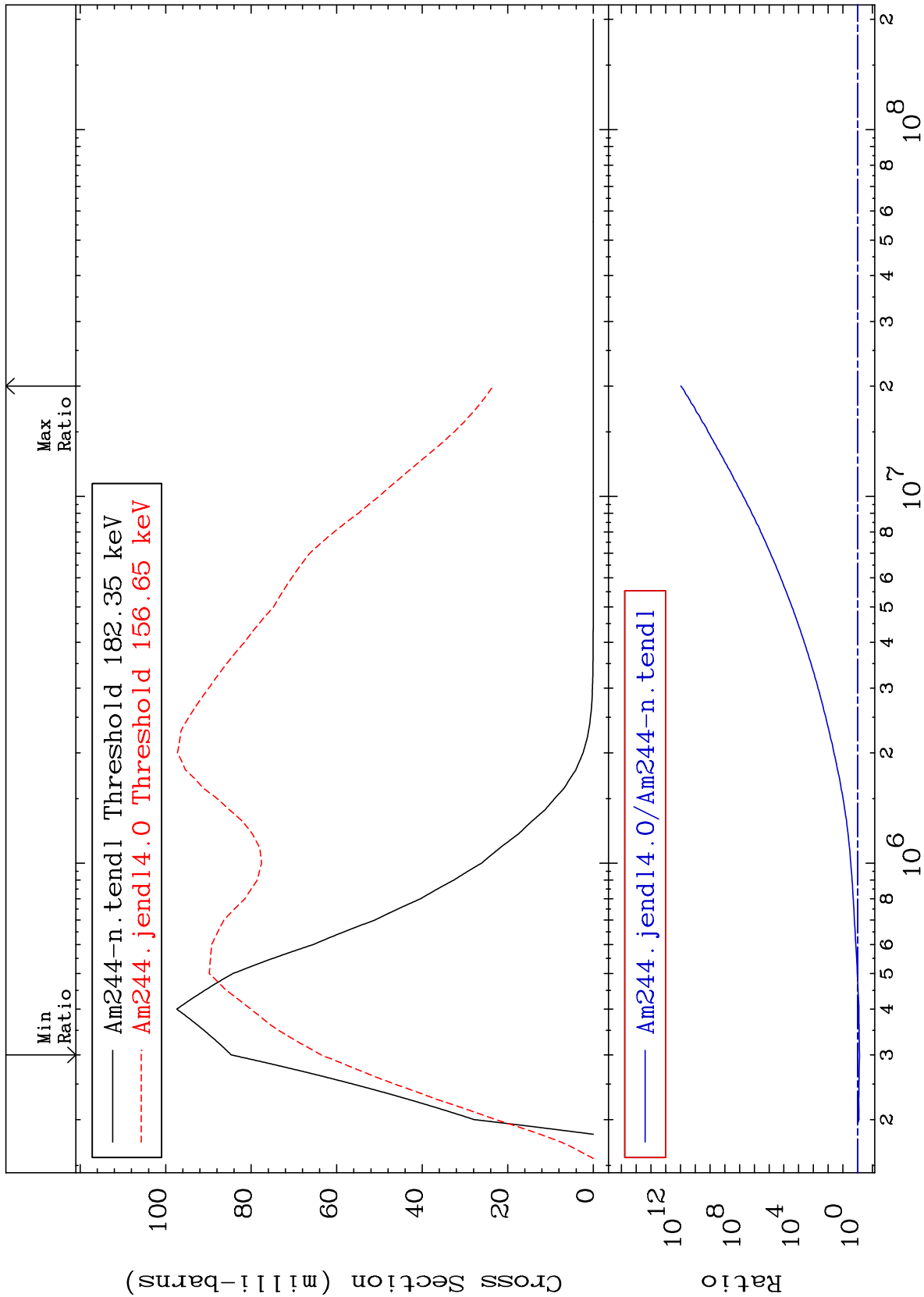
MAT 9552

173.8 keV (n,n') Level
Cross Section

95-Am-244
-96.76 To 9999. %



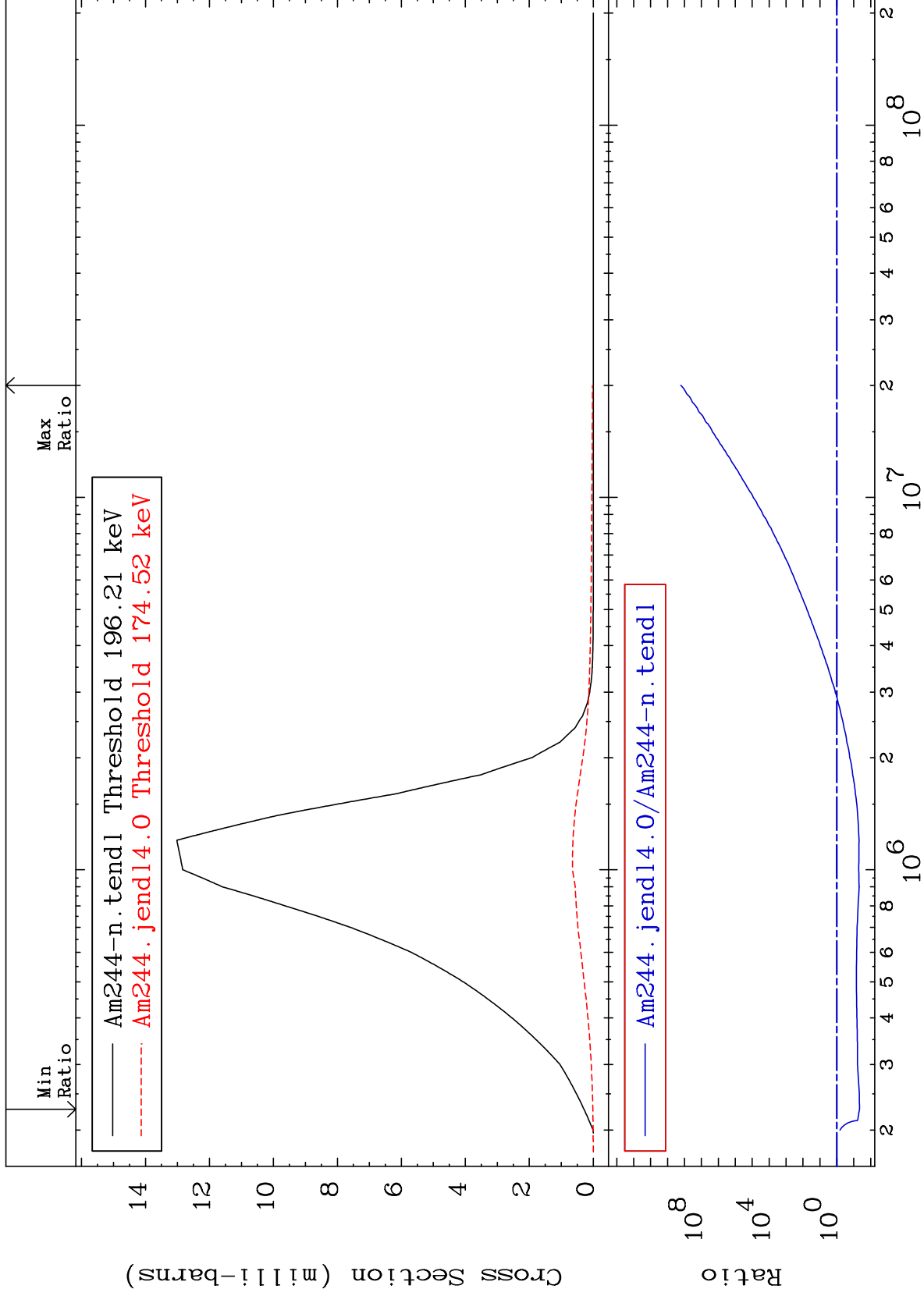
MAT 9552 181.6 keV (n,n') Level 95-Am-244
 Cross Section -24.80 To 9999. %



MAT 9552

195.4 keV (n,n') Level
Cross Section

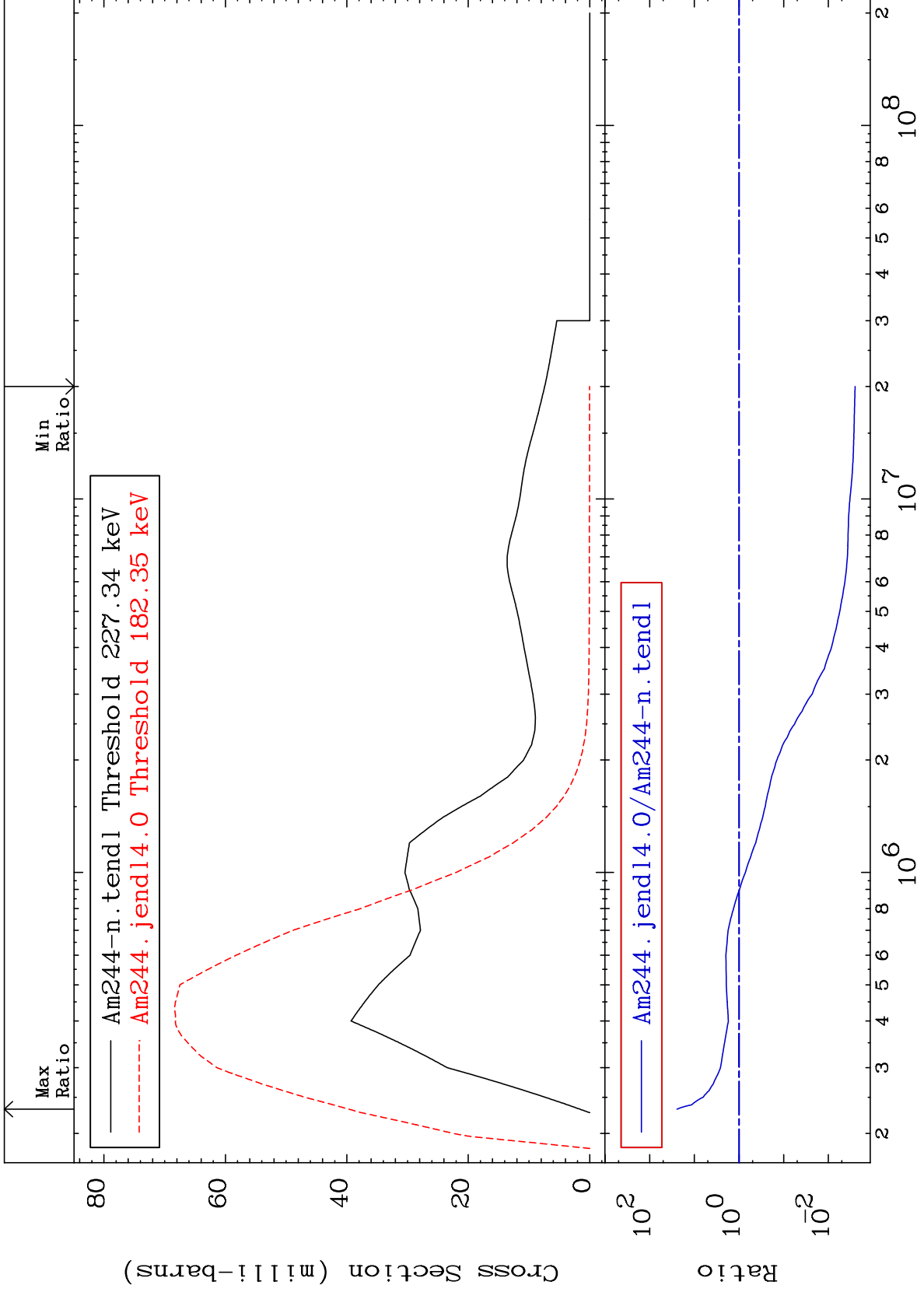
95-Am-244
-95.44 To 9999. %



MAT 9552

226.4 keV (n,n') Level
Cross Section

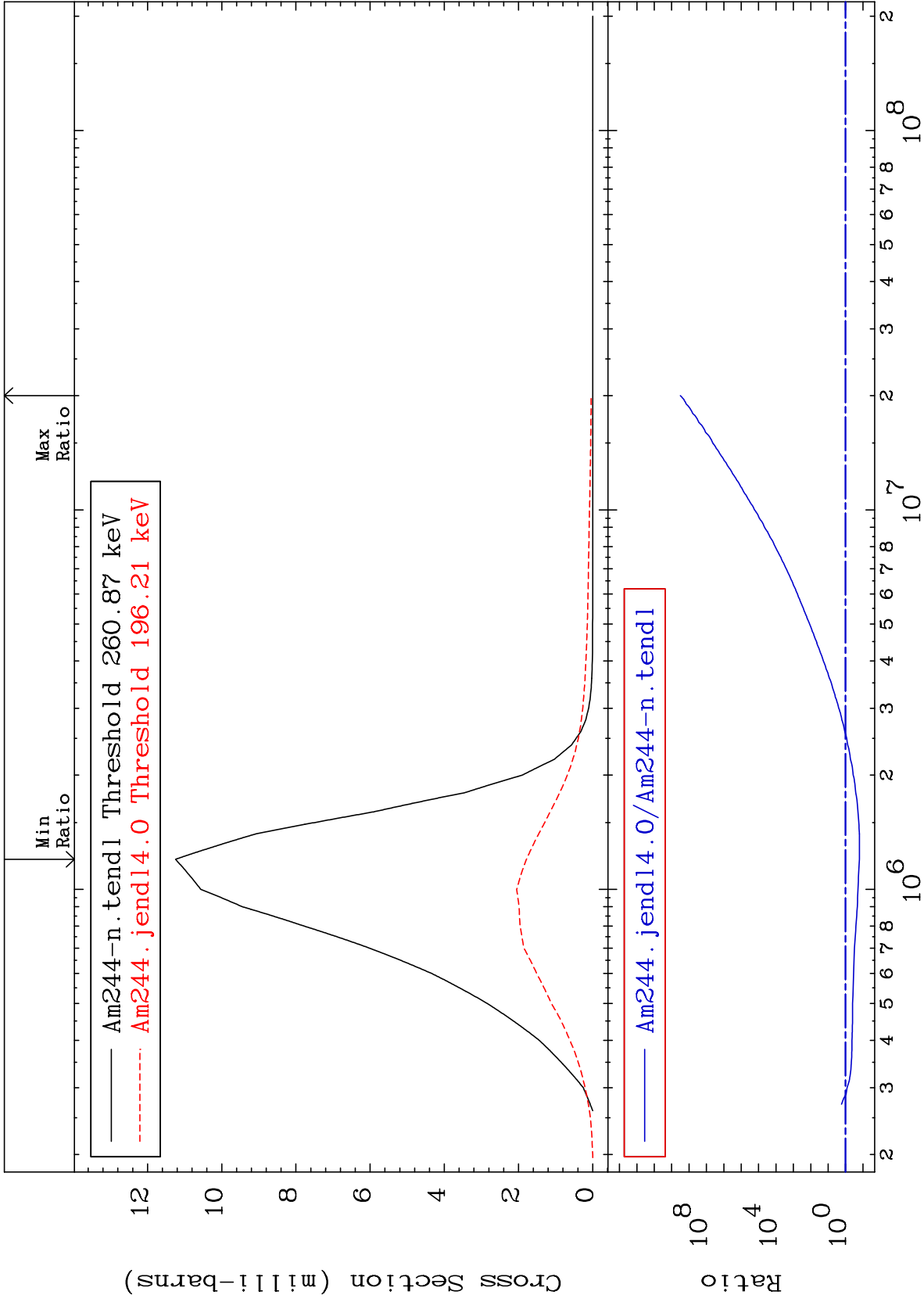
95-Am-244
-99.75 To 2360. %



MAT 9552

259.8 keV (n,n') Level
Cross Section

95-Am-244
-84.11 To 9999. %



20

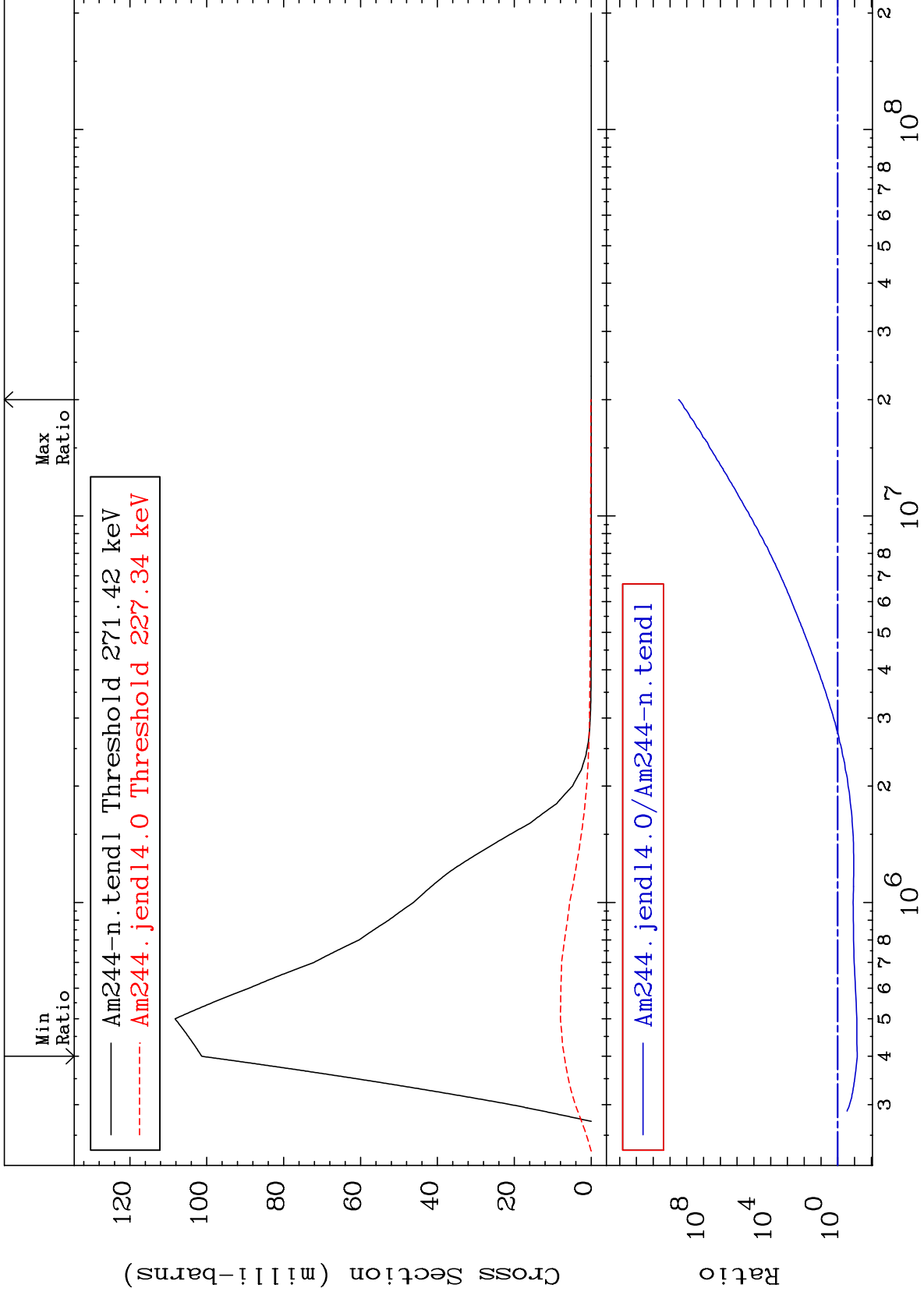
Incident Energy (eV)

95-Am-244

MAT 9552

270.3 keV (n,n') Level
Cross Section

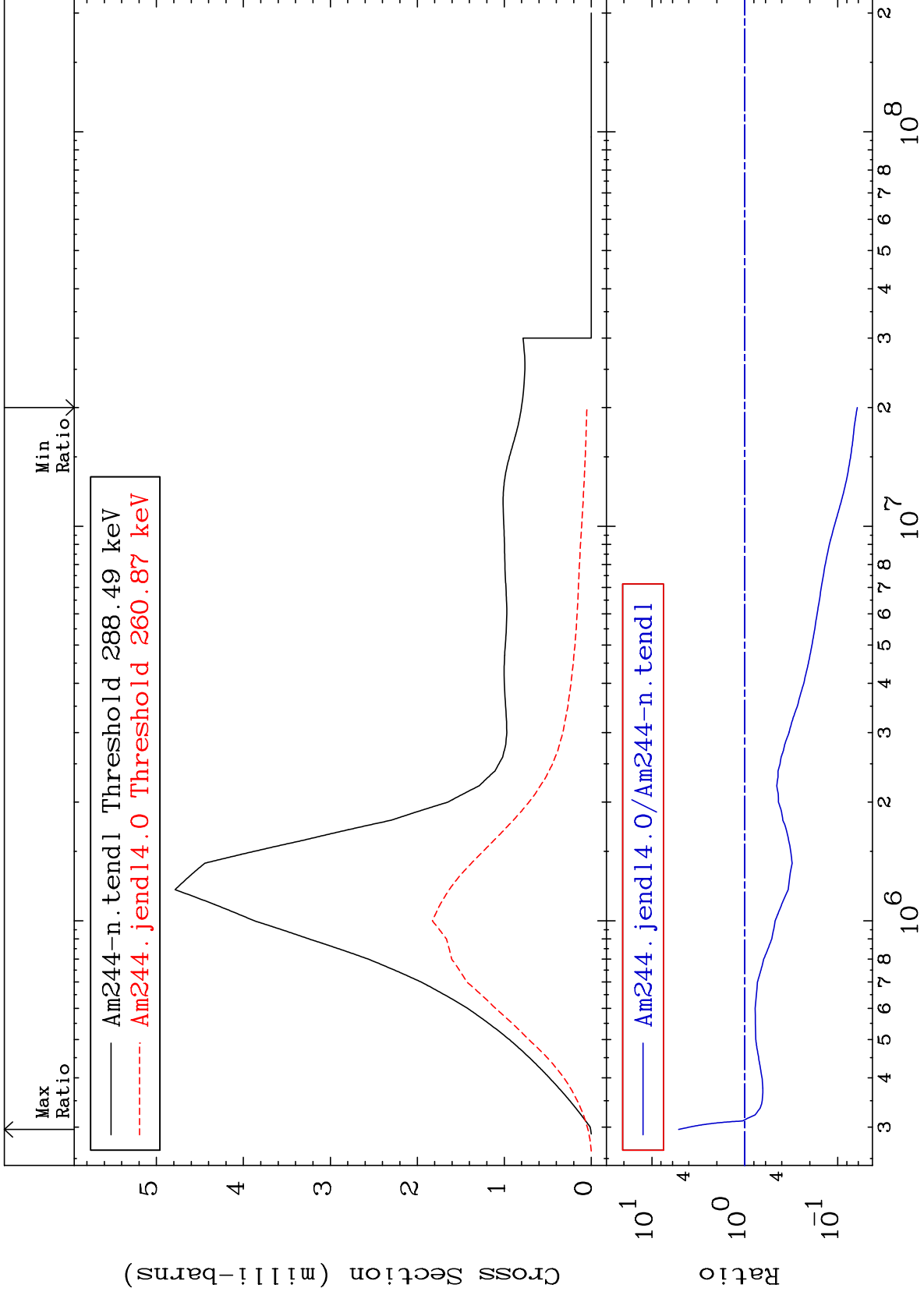
95-Am-244
-93.11 To 9999. %



MAT 9552

287.3 keV (n,n') Level
Cross Section

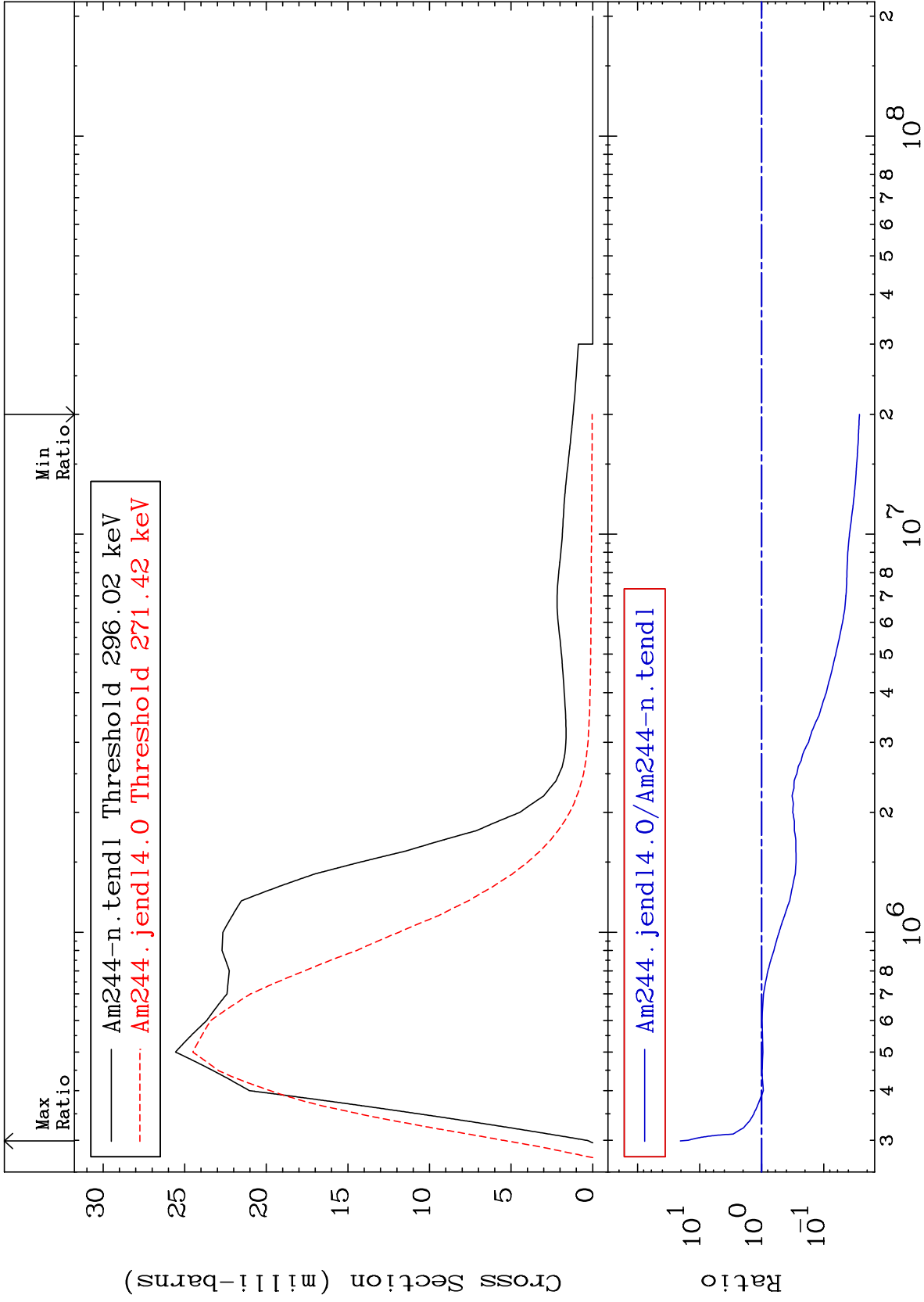
95-Am-244
-93.83 To 415.2 %



MAT 9552

294.8 keV (n,n') Level
Cross Section

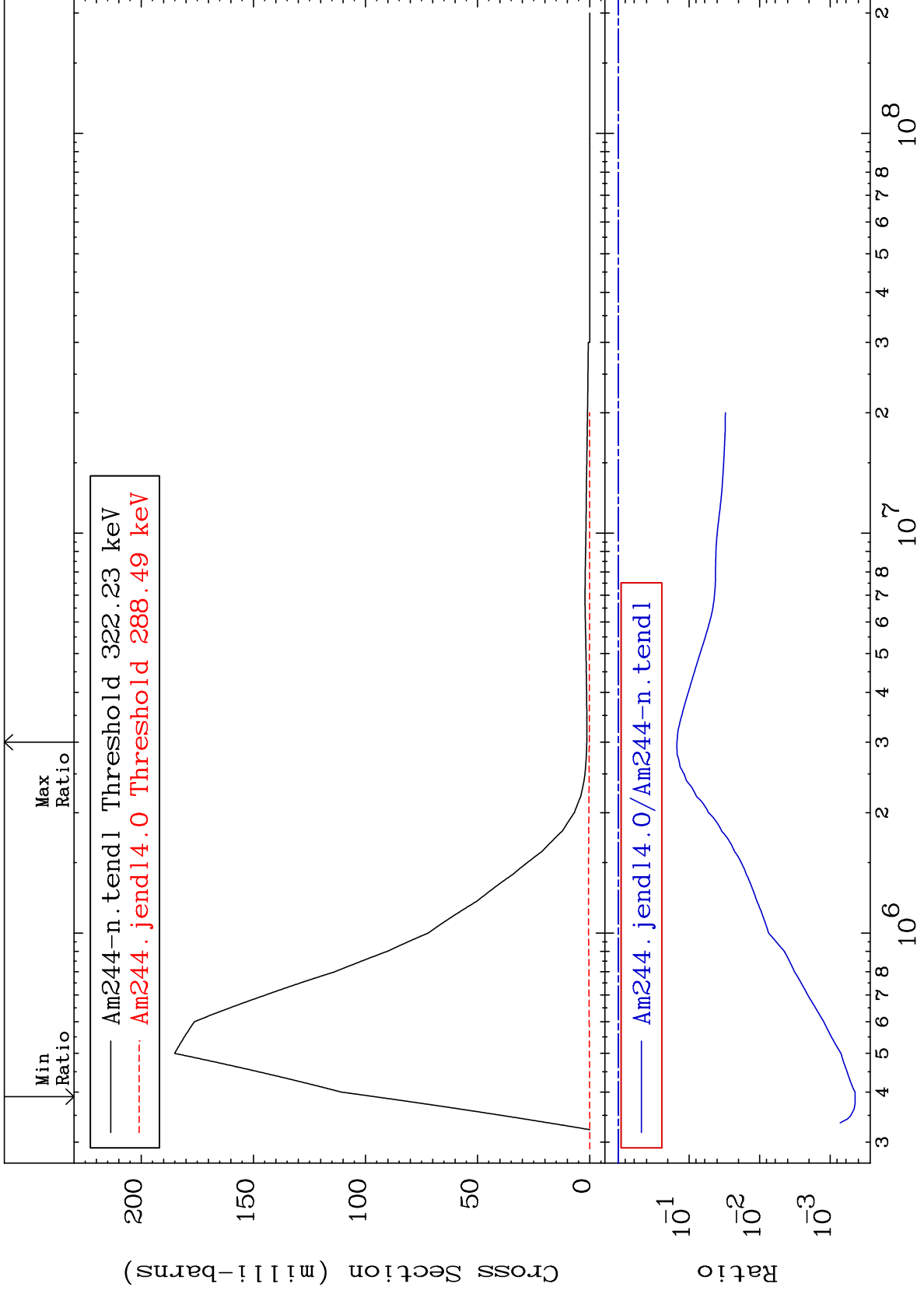
95-Am-244
-97.34 To 1946. %



MAT 9552

320.9 keV (n,n') Level
Cross Section

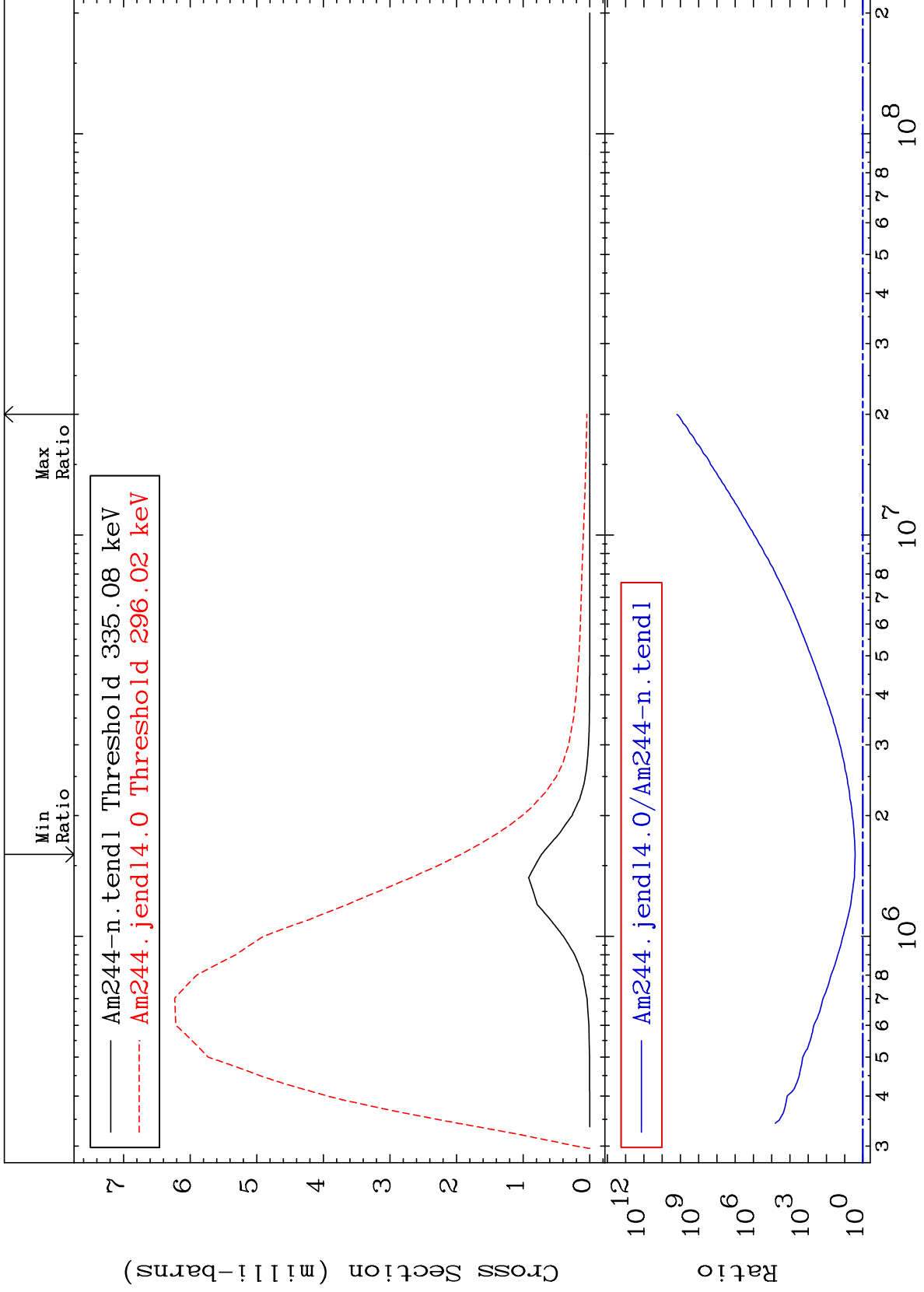
95-Am-244
-99.96 To -85.14%



MAT 9552

333.7 keV (n,n') Level
Cross Section

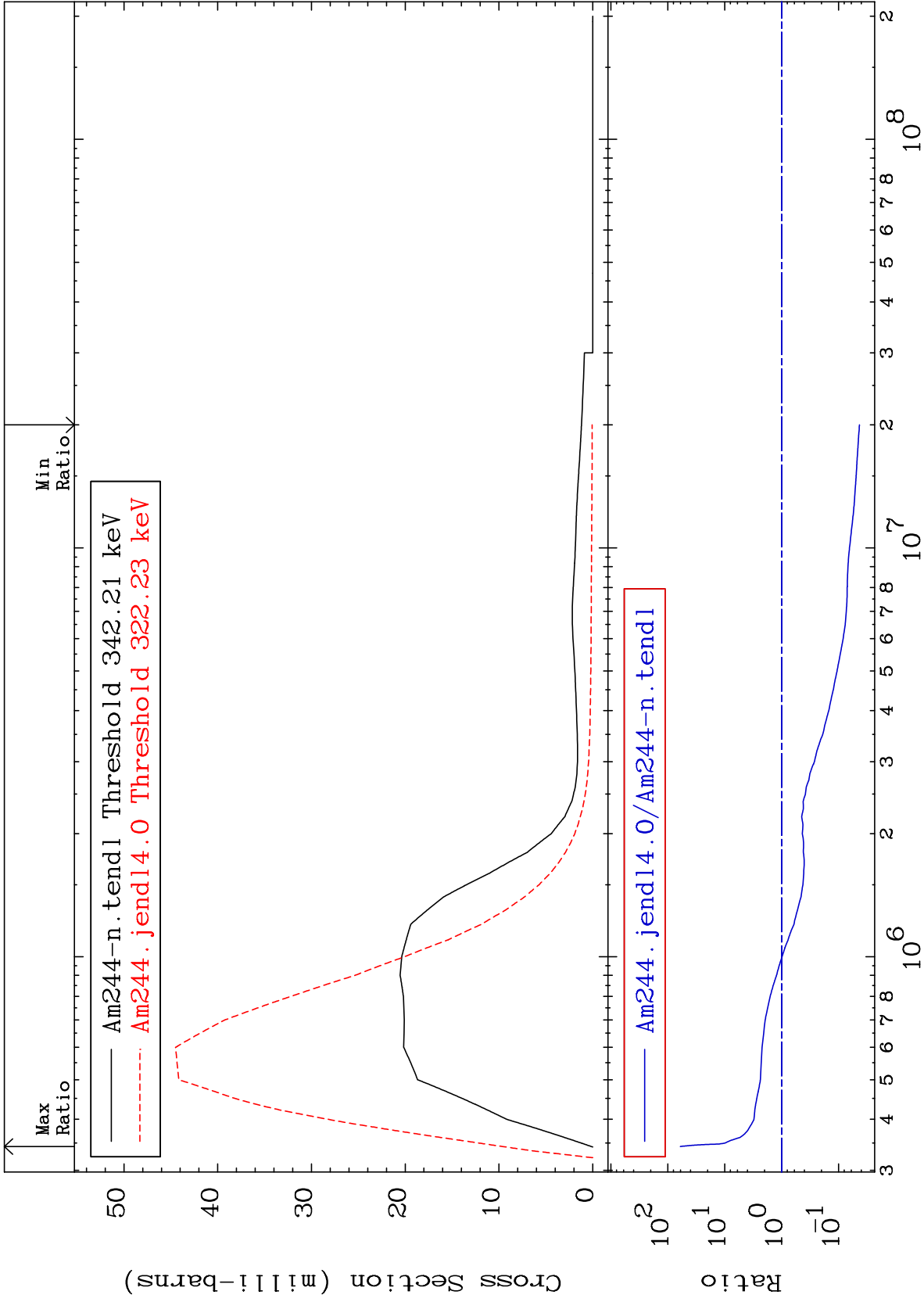
95-Am-244
166.7 To 9999. %



MAT 9552

340.8 keV (n,n') Level
Cross Section

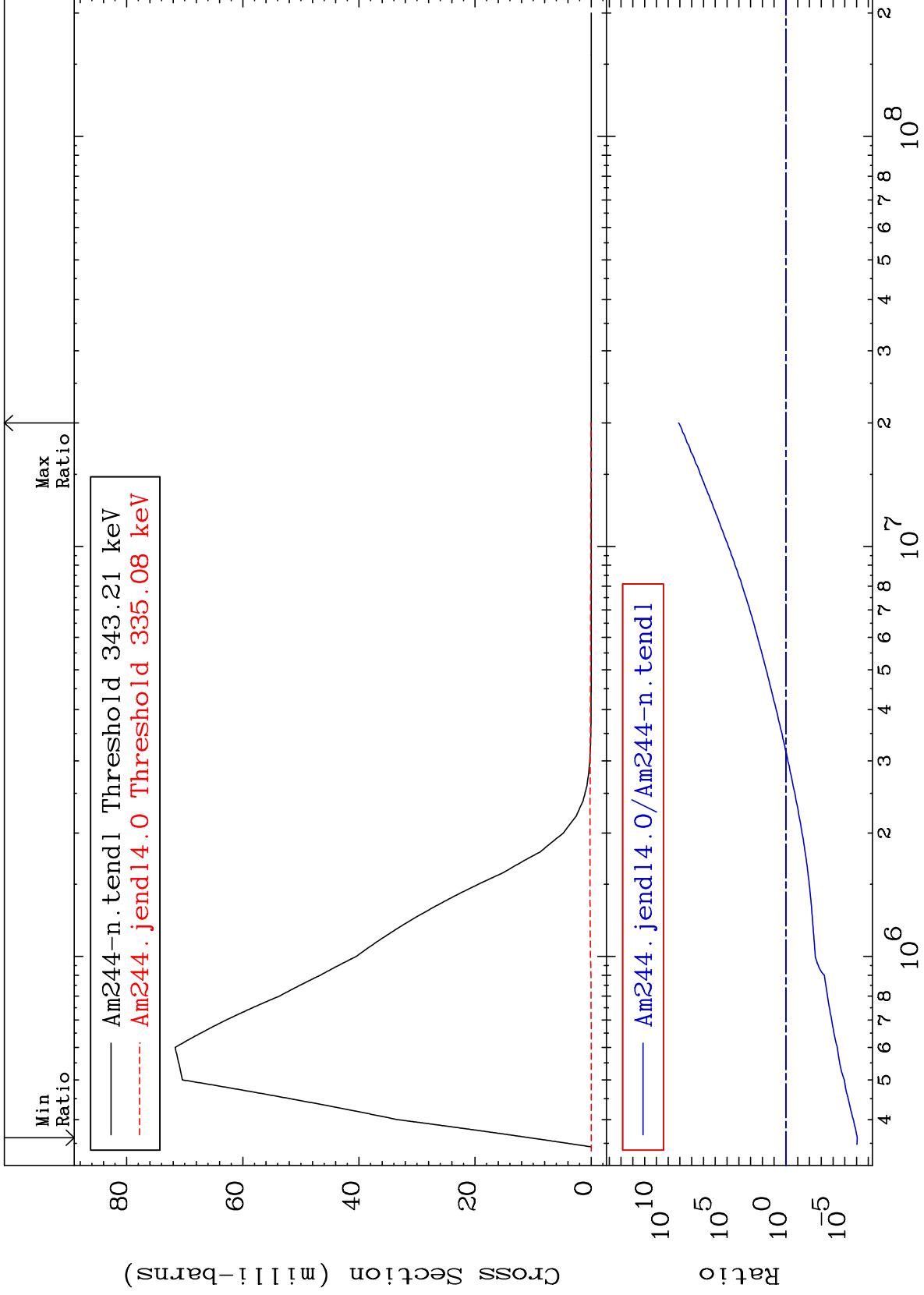
95-Am-244
-95.68 To 5928. %



MAT 9552

341.8 keV (n,n') Level
Cross Section

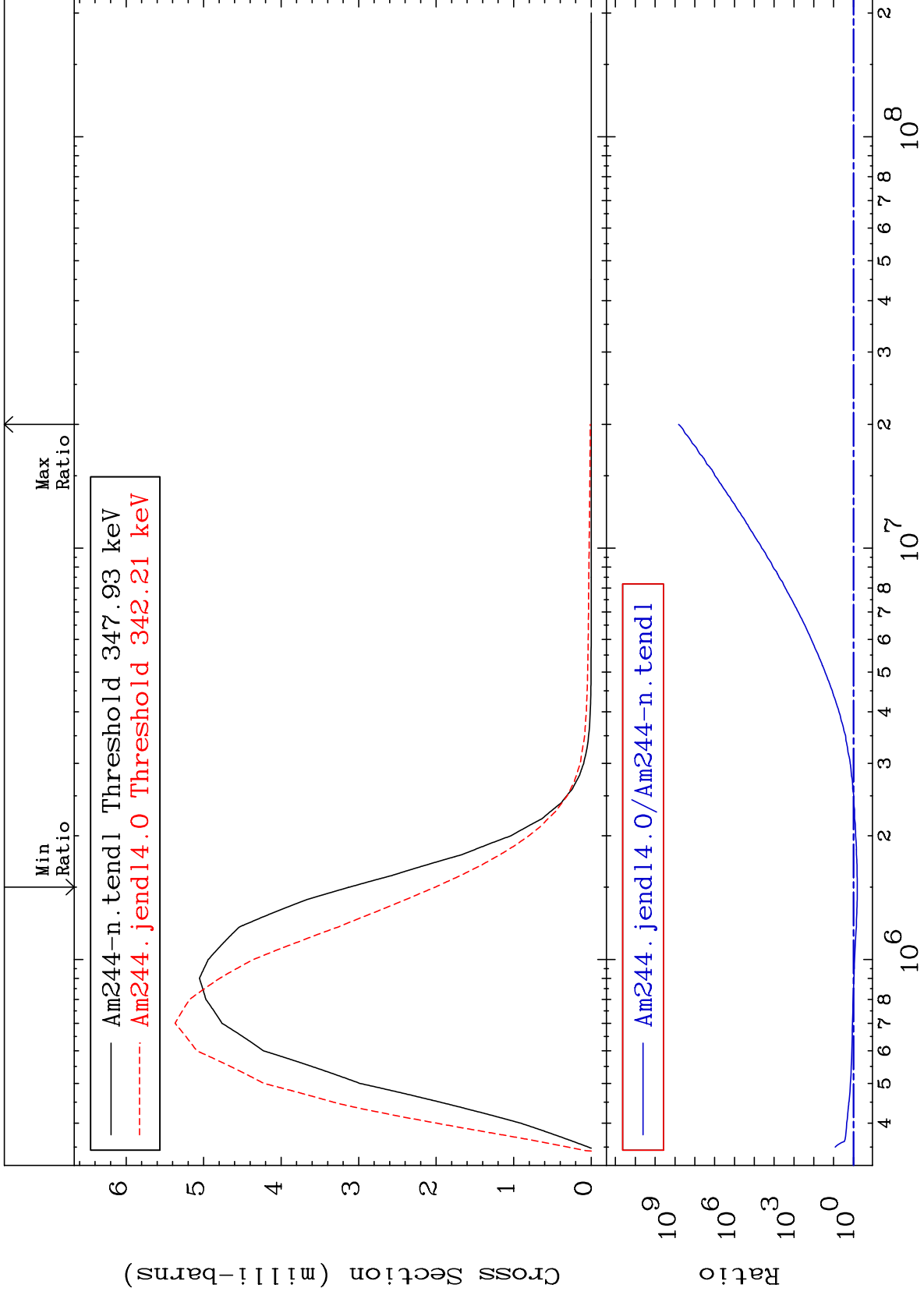
95-Am-244
-100.0 To 9999. %



MAT 9552

346.5 keV (n,n') Level
Cross Section

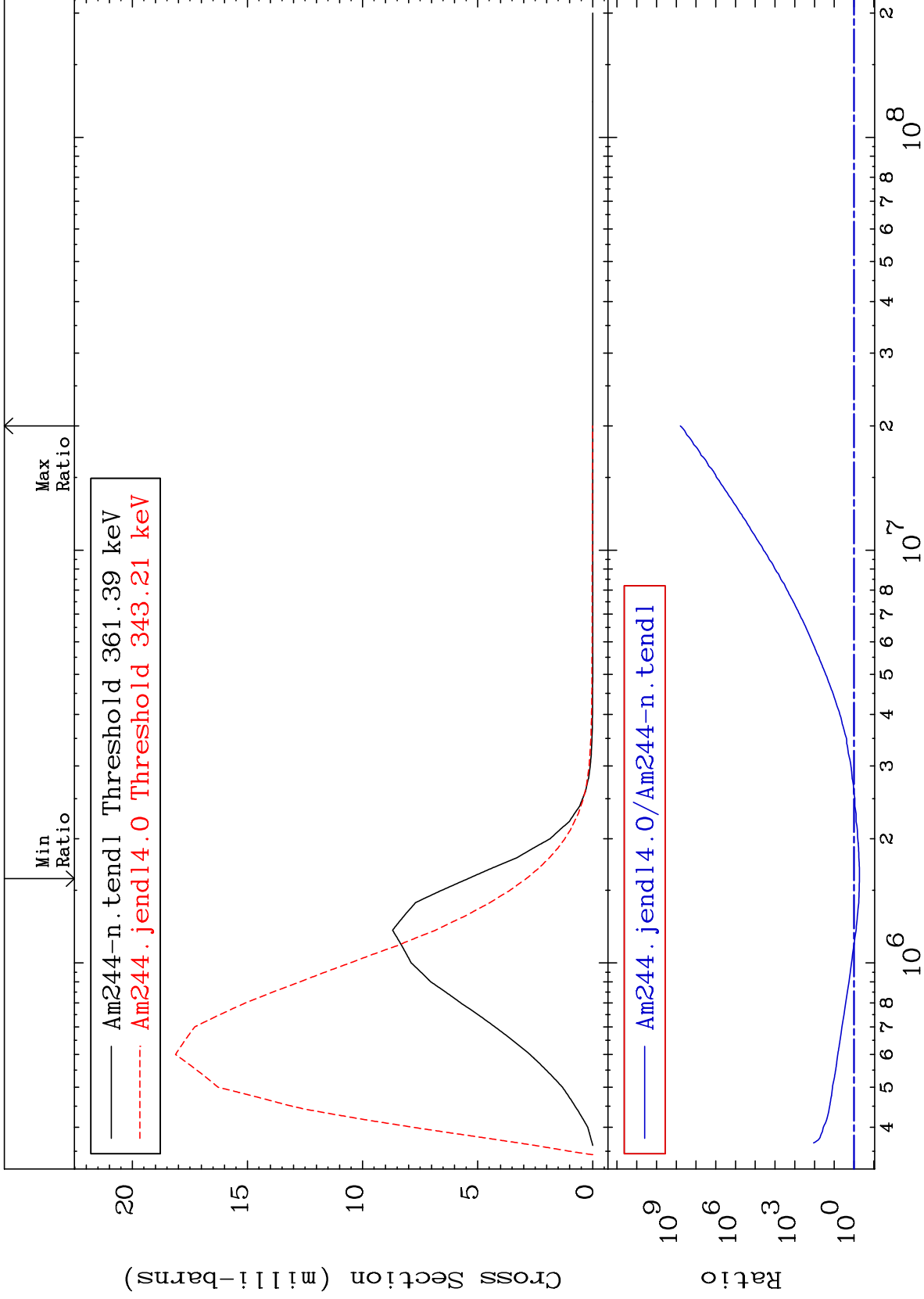
95-Am-244
-35.48 To 9999. %



MAT 9552

359.9 keV (n,n') Level
Cross Section

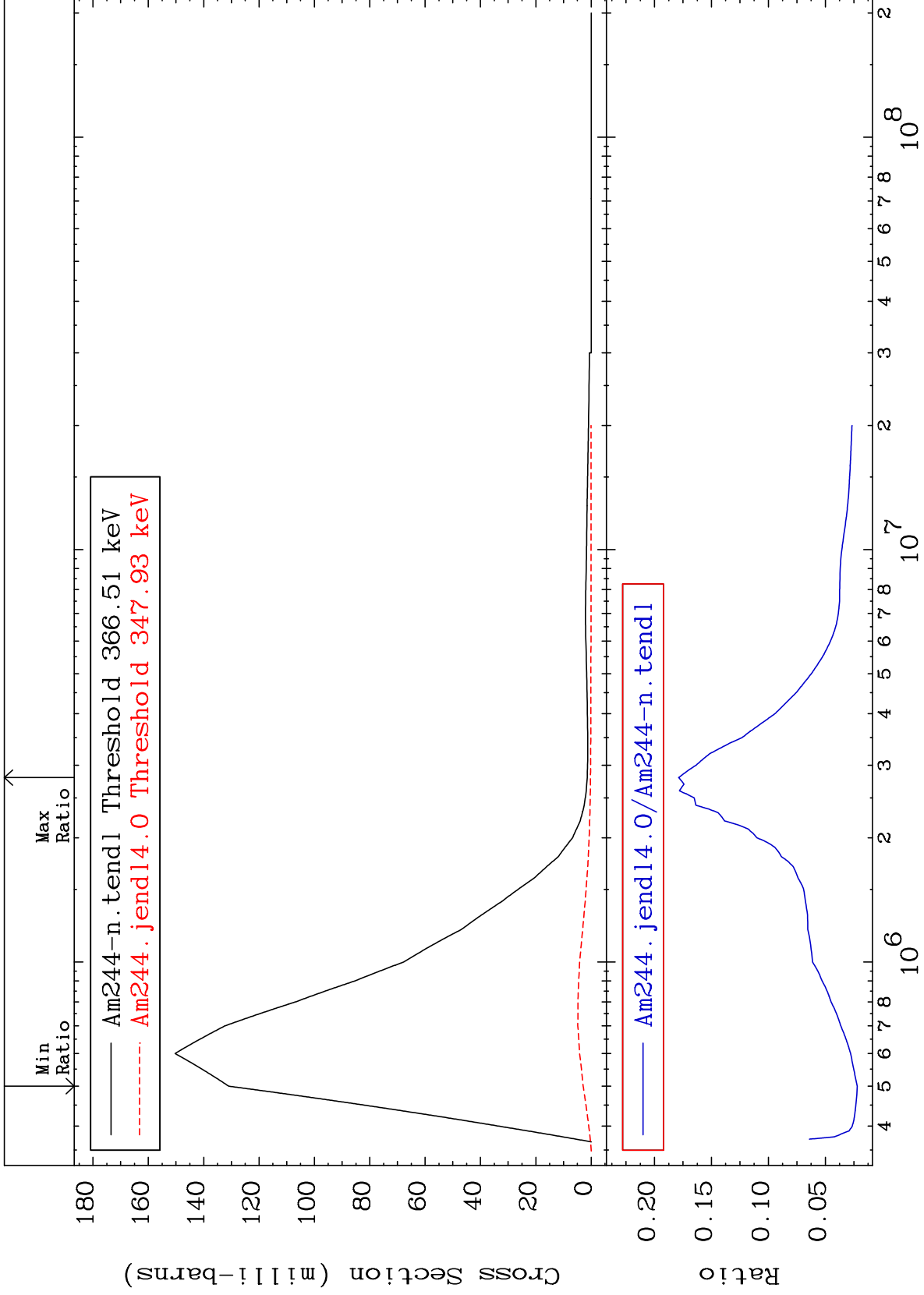
95-Am-244
-46.71 To 9999. %



MAT 9552

365.0 keV (n,n') Level
Cross Section

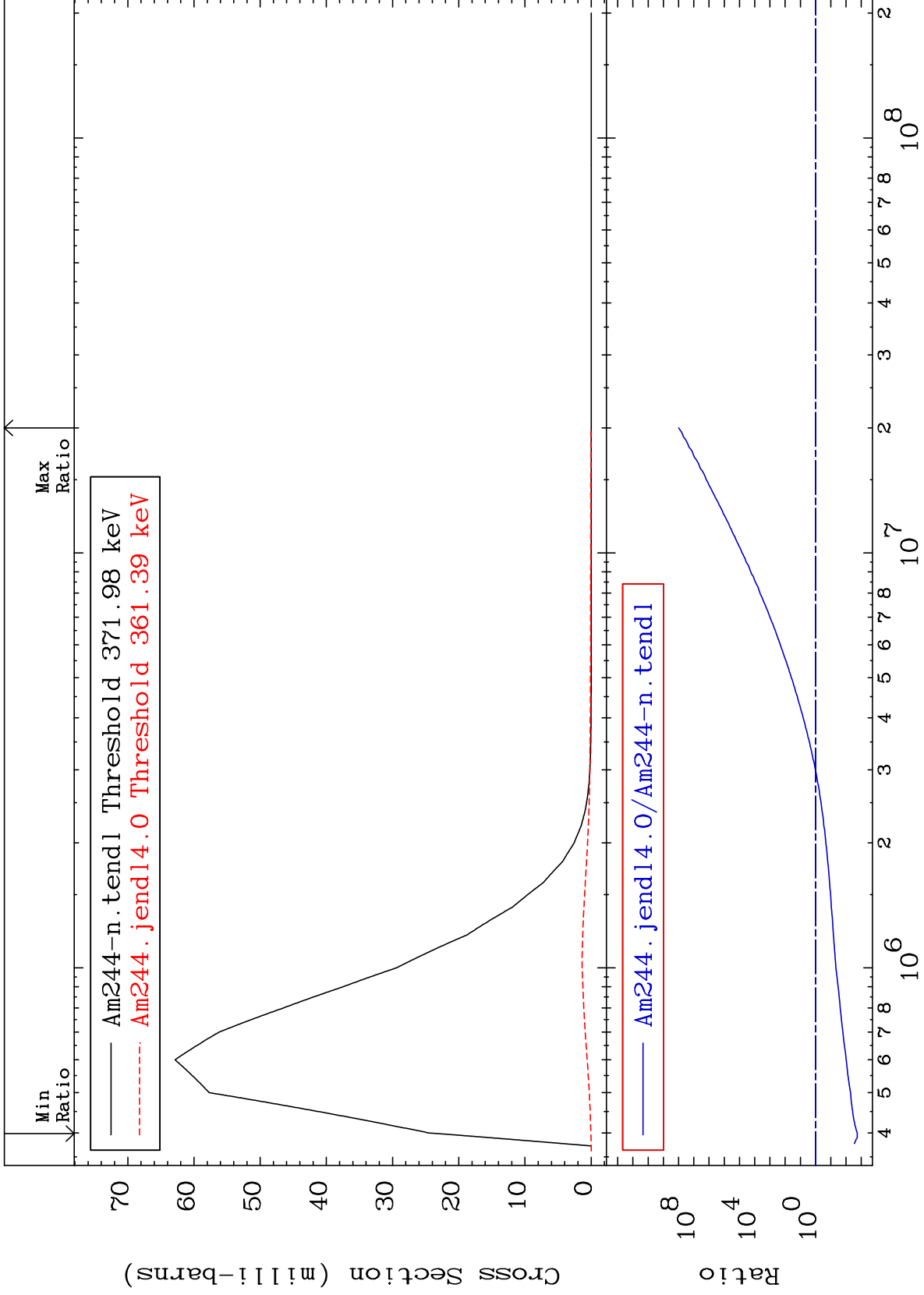
95-Am-244
-97.80 To -82.12%



MAT 9552

370.5 keV (n,n') Level
Cross Section

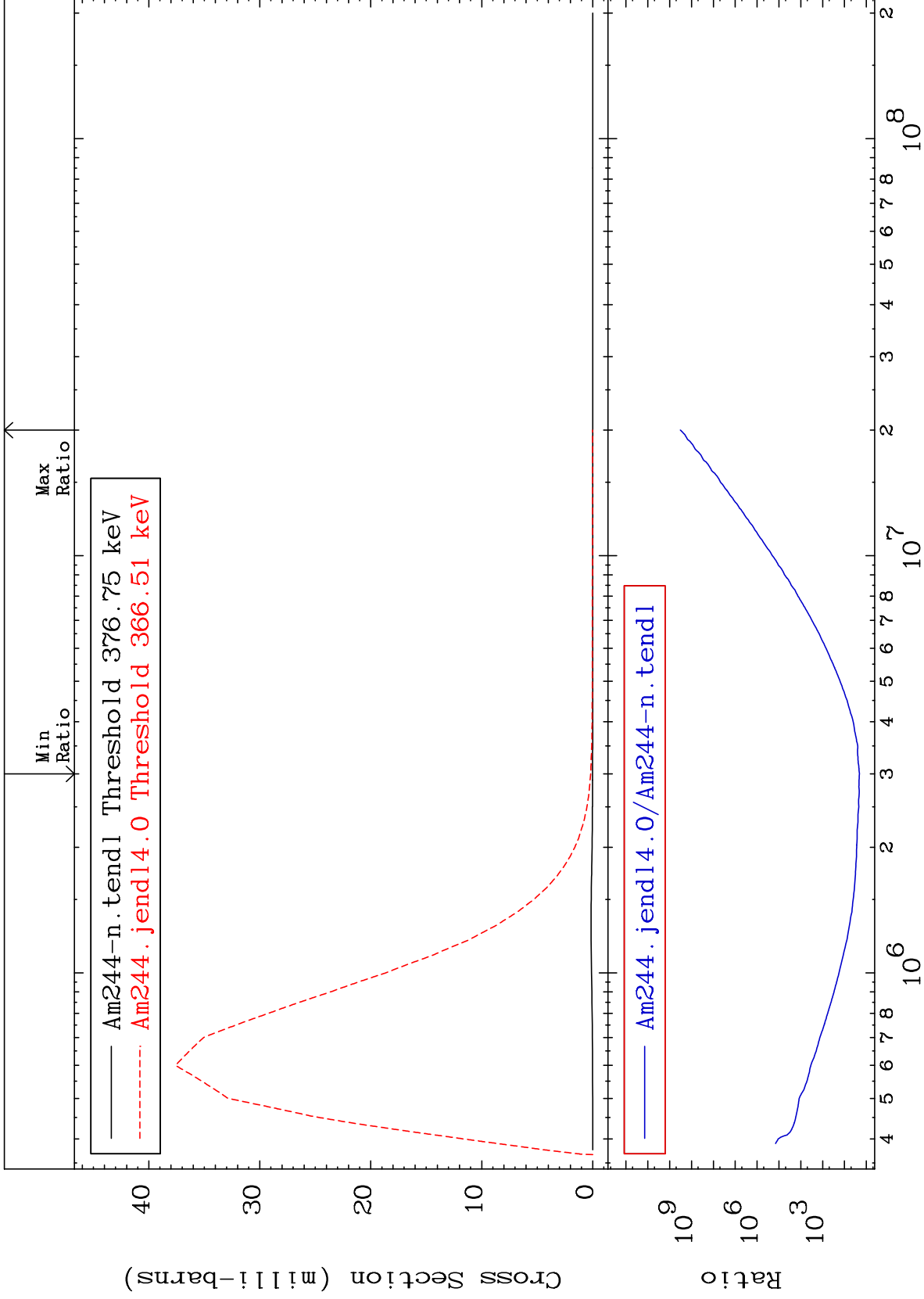
95-Am-244
-99.82 To 9999. %



MAT 9552

375.2 keV (n,n') Level
Cross Section

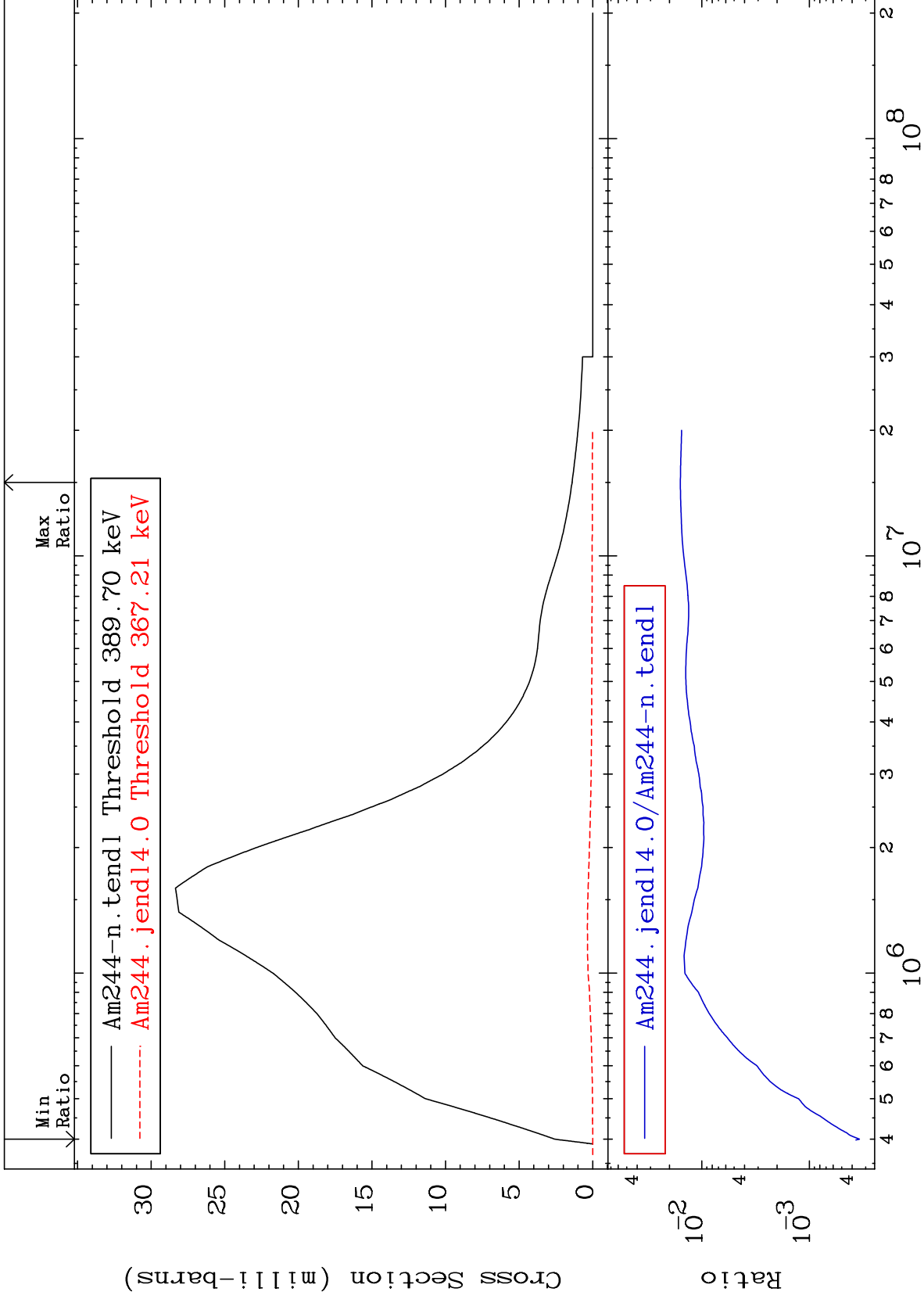
95-Am-244
1977. To 9999. %



MAT 9552

388.1 keV (n,n') Level
Cross Section

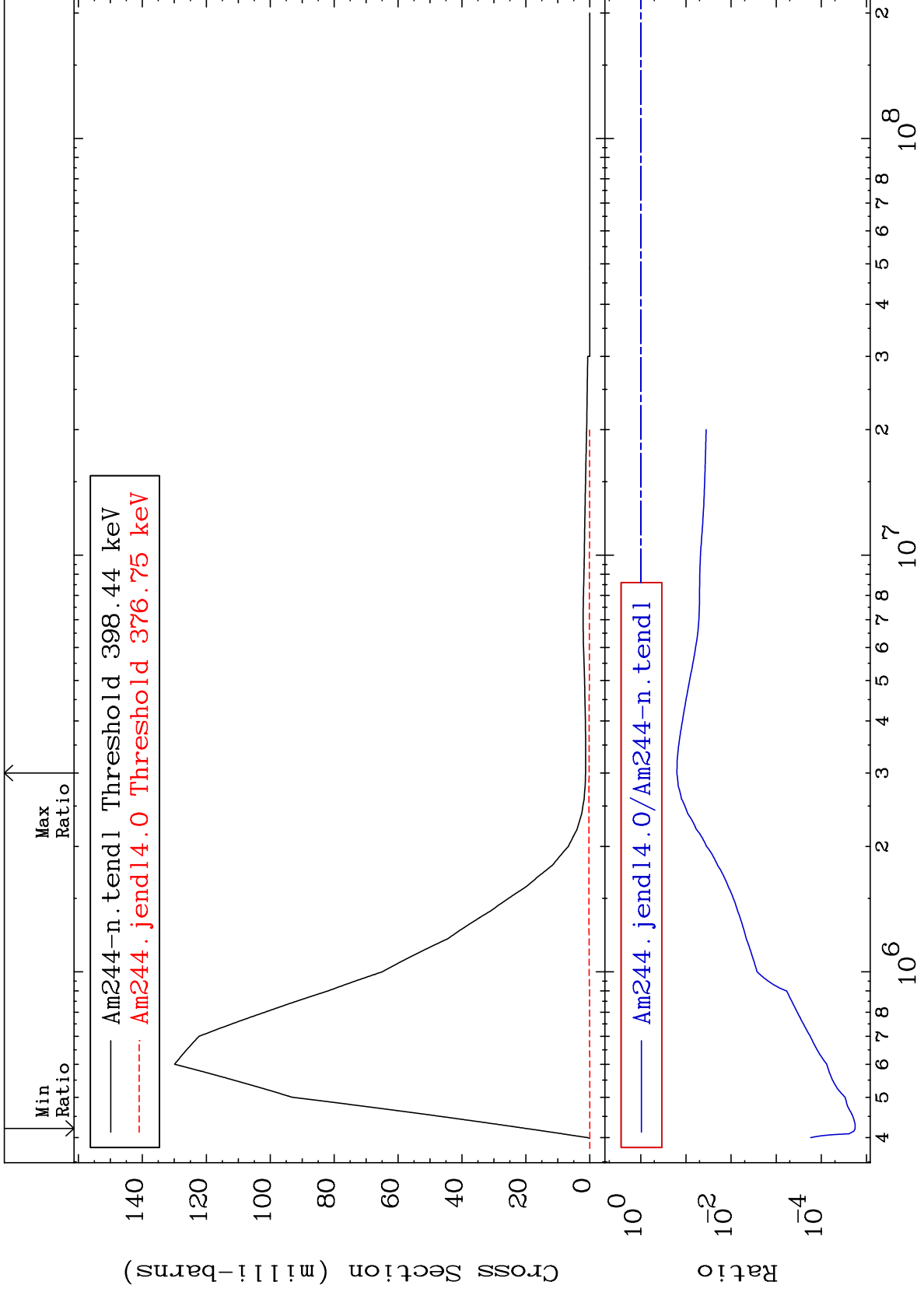
95-Am-244
-99.97 To -98.42%



MAT 9552

396.8 keV (n,n') Level
Cross Section

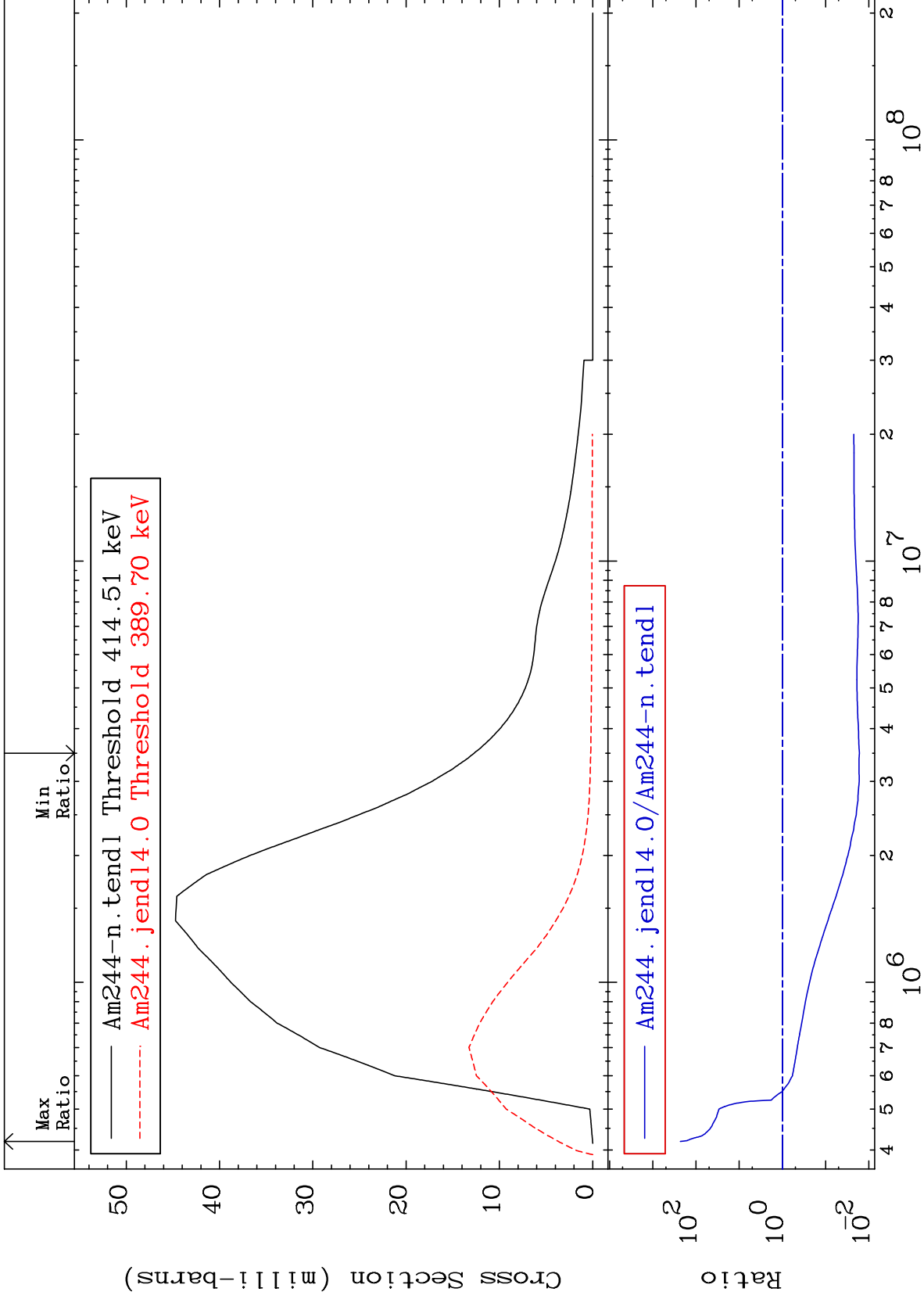
95-Am-244
-100.0 To -84.18%



MAT 9552

412.8 keV (n,n') Level
Cross Section

95-Am-244
-98.35 To 9999. %



35

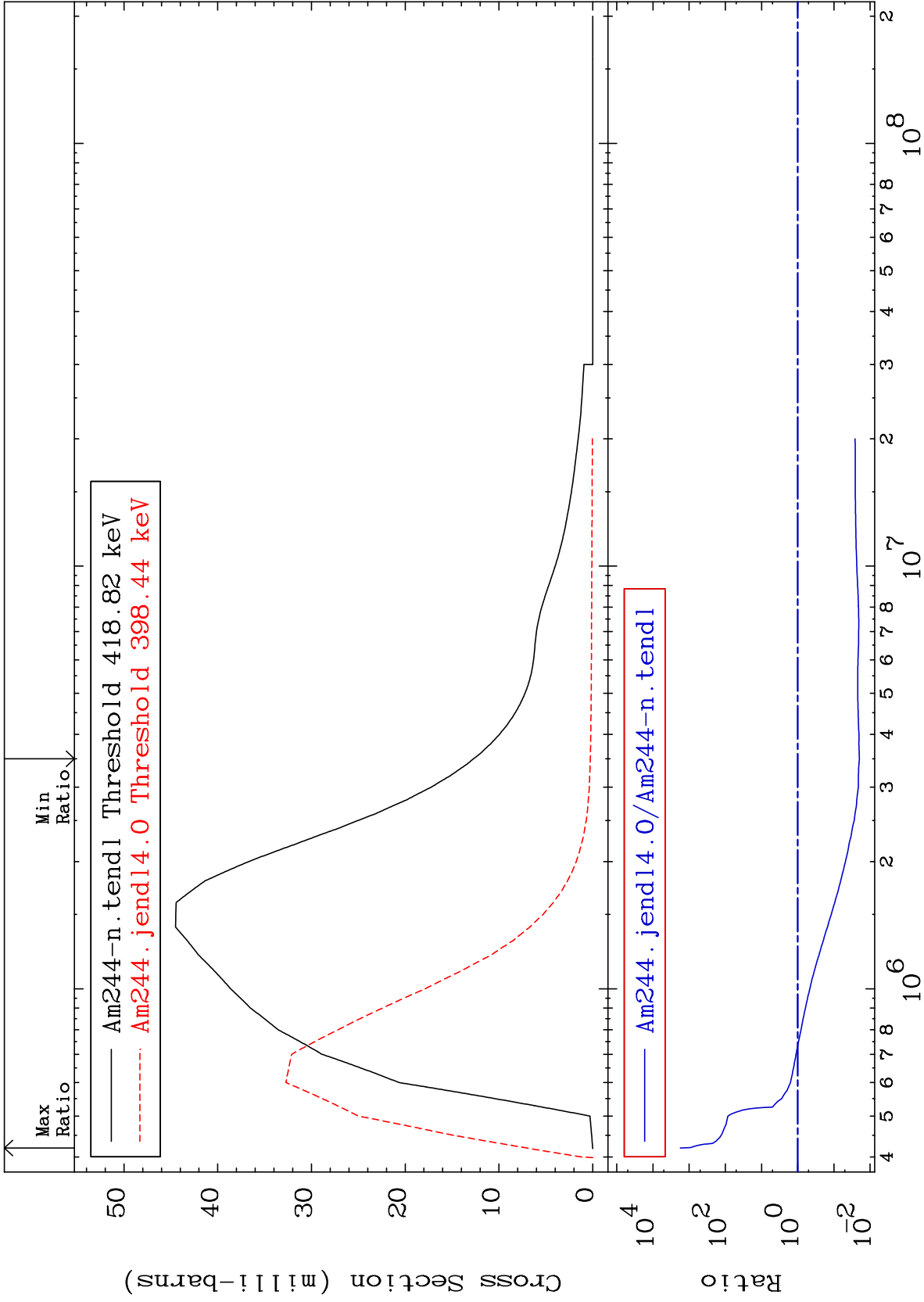
Incident Energy (eV)

95-Am-244

MAT 9552

417.1 keV (n,n') Level
Cross Section

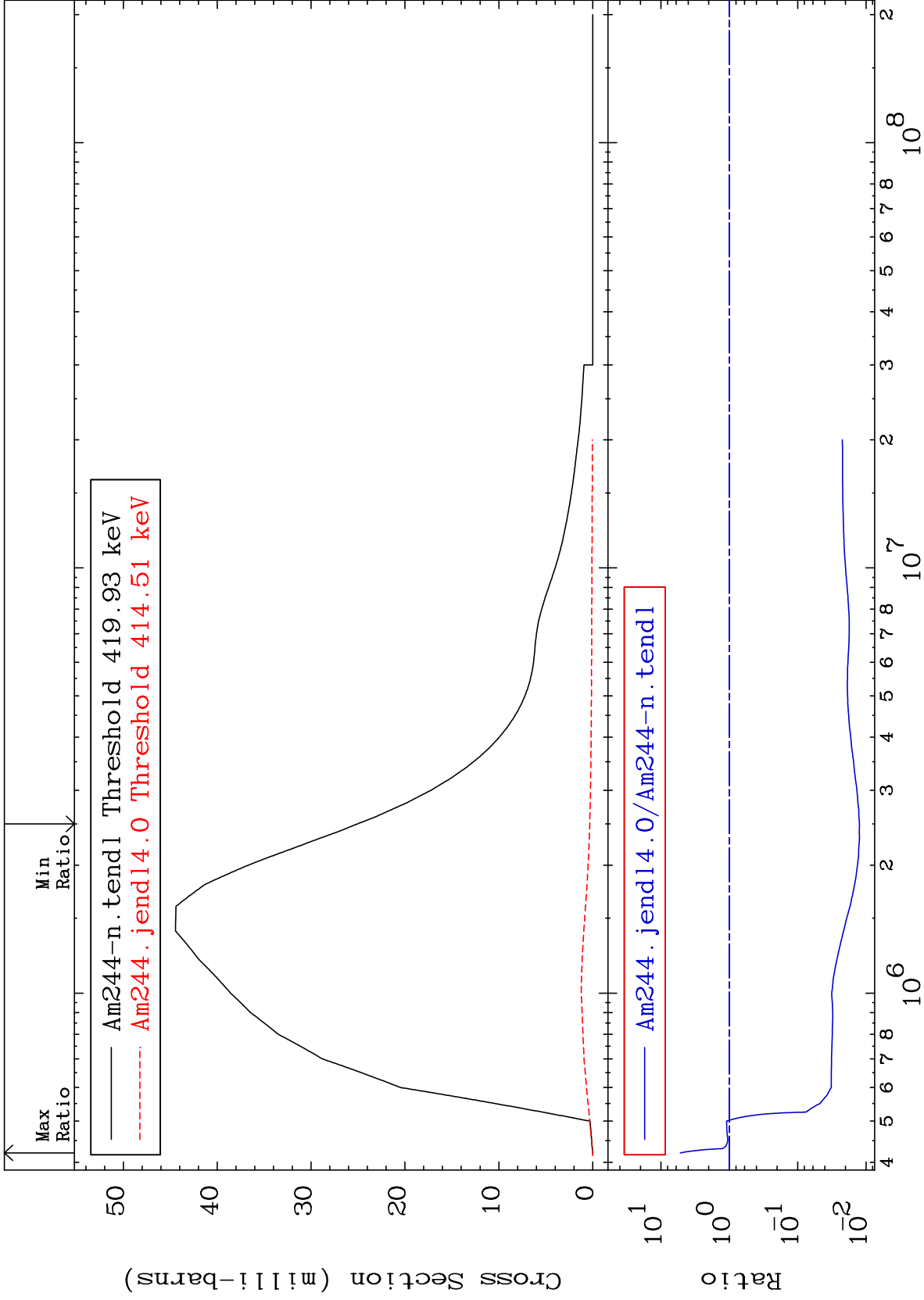
95-Am-244
-98.03 To 9999. %



MAT 9552

418.2 keV (n,n') Level
Cross Section

95-Am-244
-98.75 To 420.7 %



37

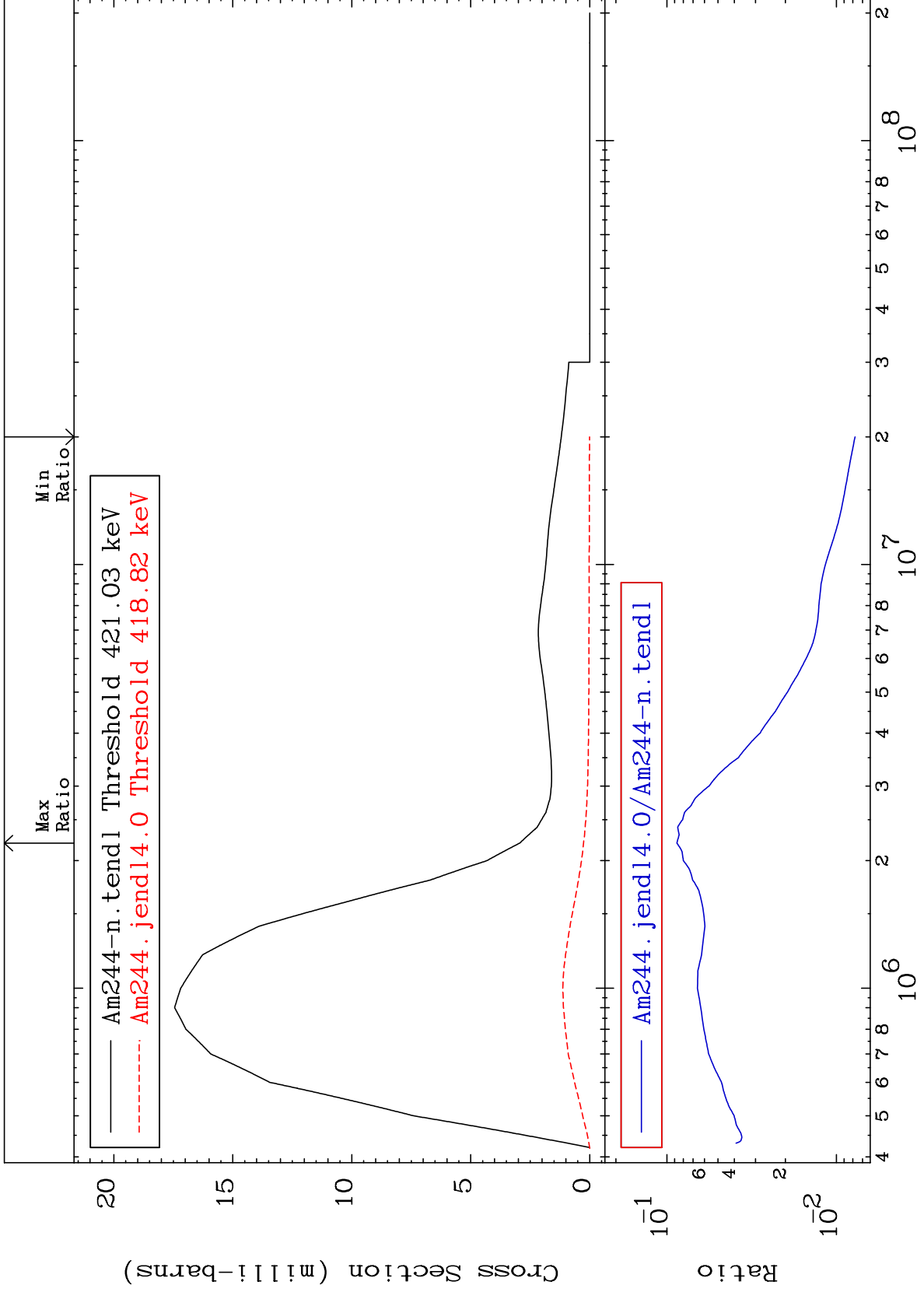
Incident Energy (eV)

95-Am-244

MAT 9552

419.3 keV (n,n') Level
Cross Section

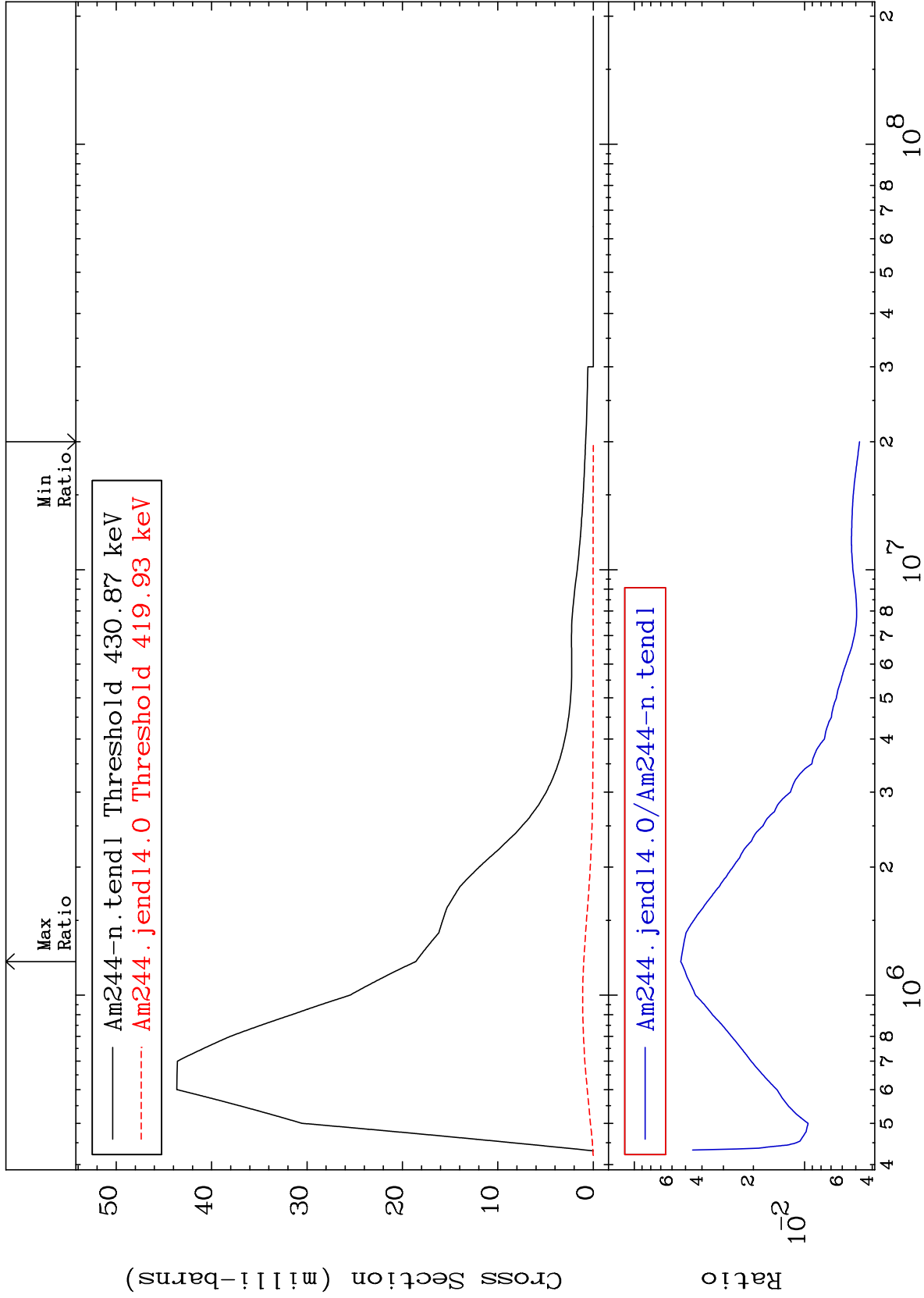
95-Am-244
-99.22 To -91.27%



MAT 9552

429.1 keV (n,n') Level
Cross Section

95-Am-244
-99.52 To -94.67%



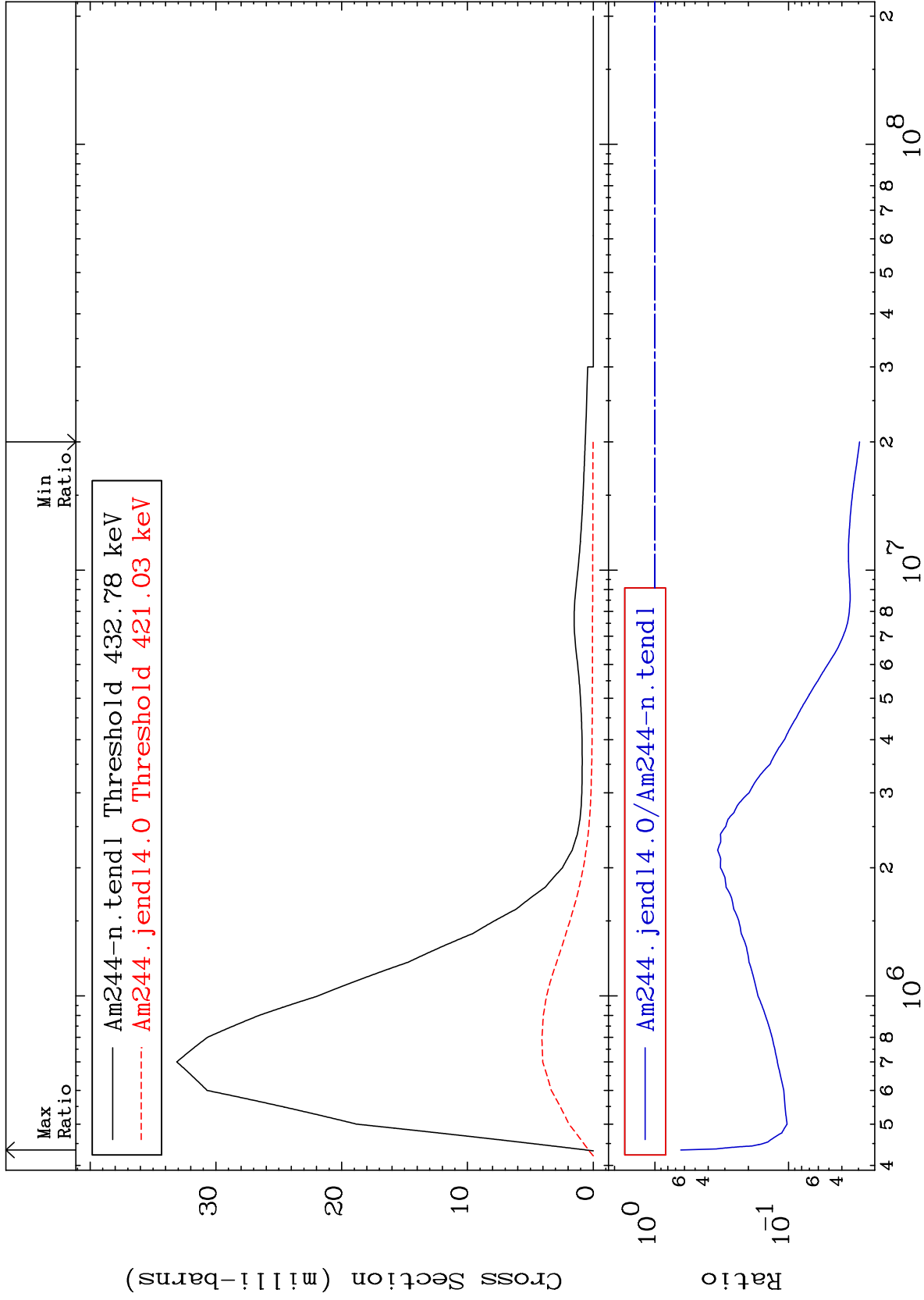
39

95-Am-244

MAT 9552

431.0 keV (n,n') Level
Cross Section

95-Am-244
-97.05 To -35.96%



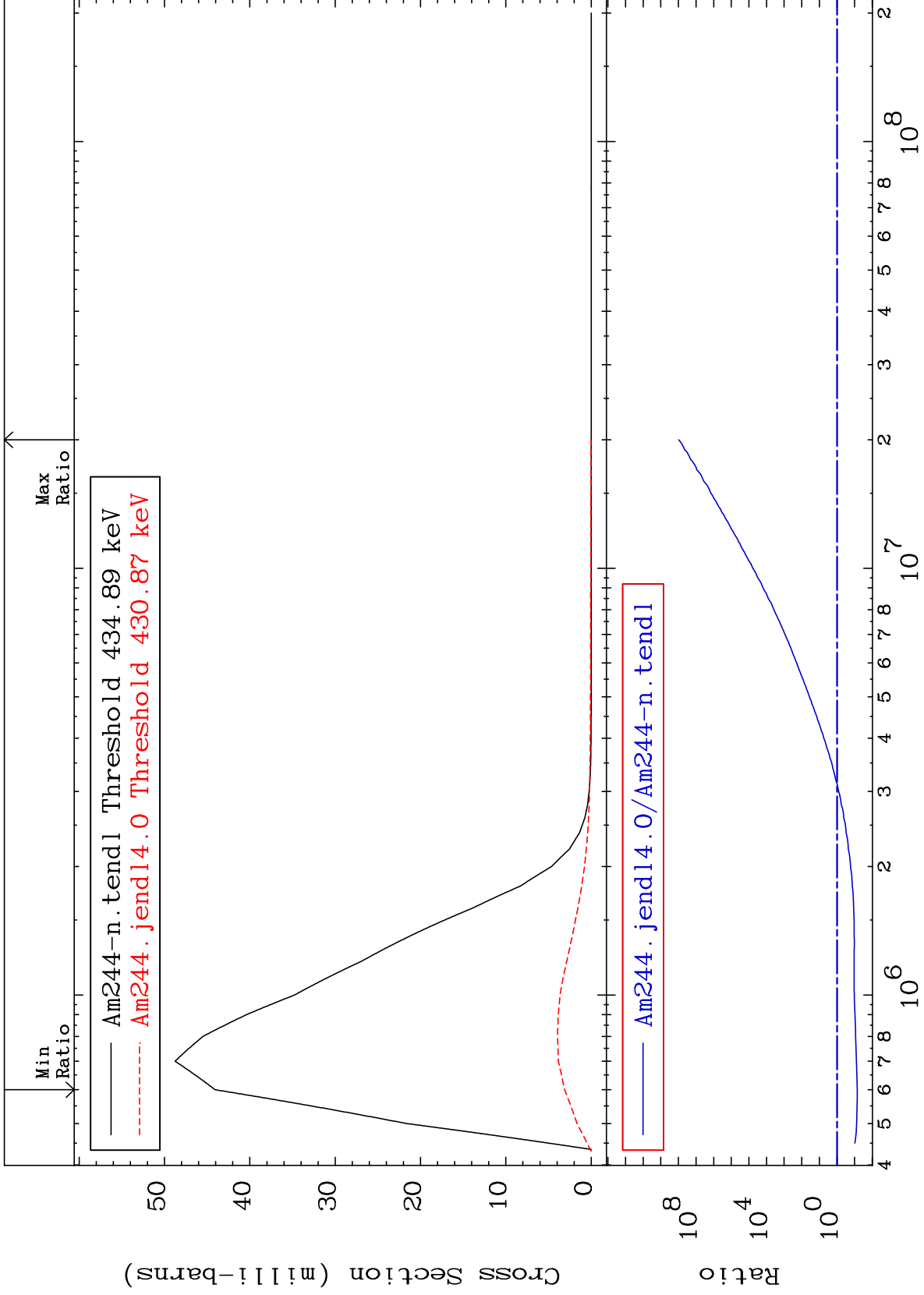
40

95-Am-244

MAT 9552

433.1 keV (n,n') Level
Cross Section

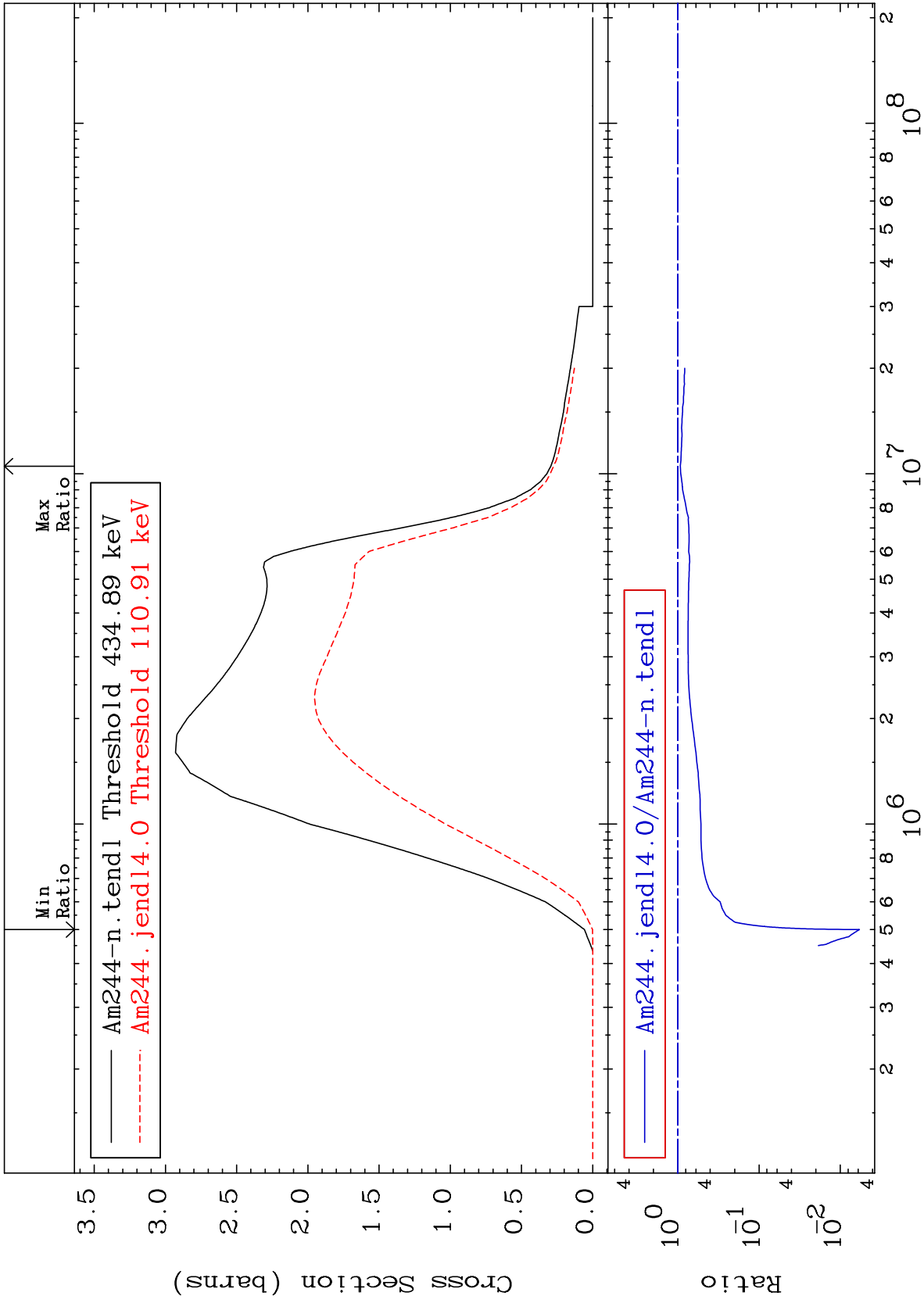
95-Am-244
-92.92 To 9999. %



MAT 9552

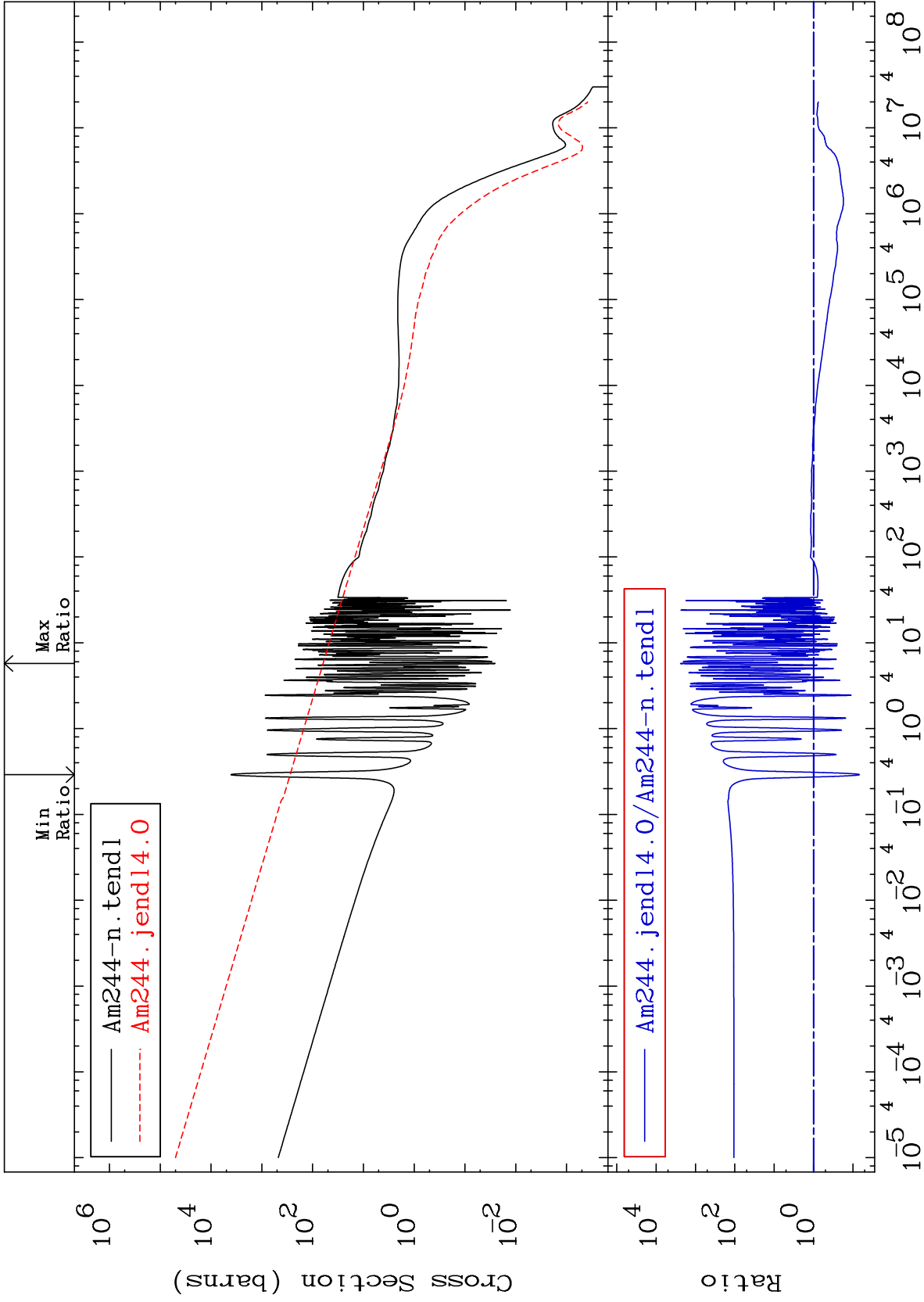
(n, n') Continuum
Cross Section

95-Am-244
-99.42 To -6.744%



MAT 9552

(n, γ)
Cross Section
95-Am-244
-93.19 To 9999. %



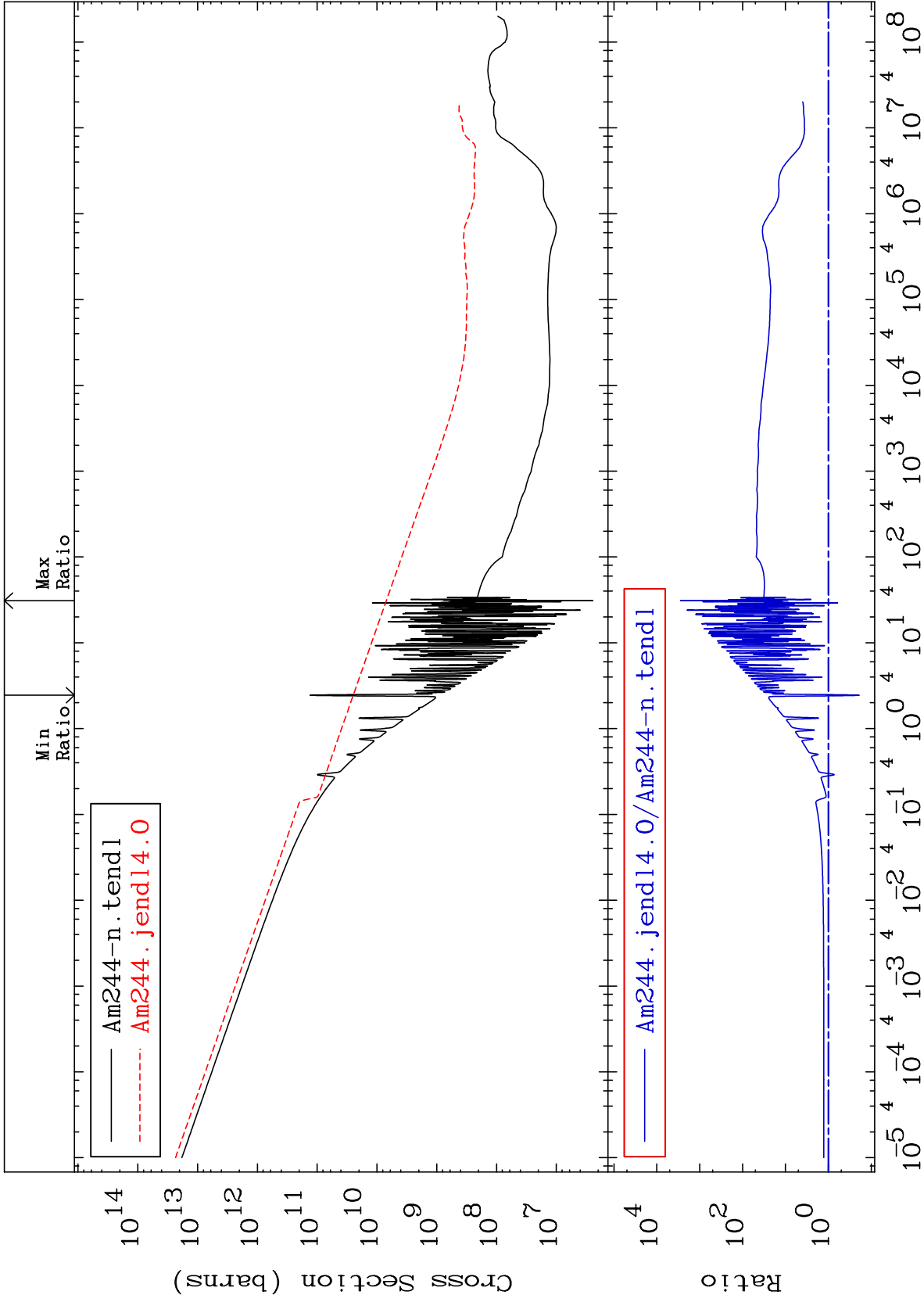
MAT 9552

Kerma total (eV-barns)

95-Am-244

-81.17 To 9999. %

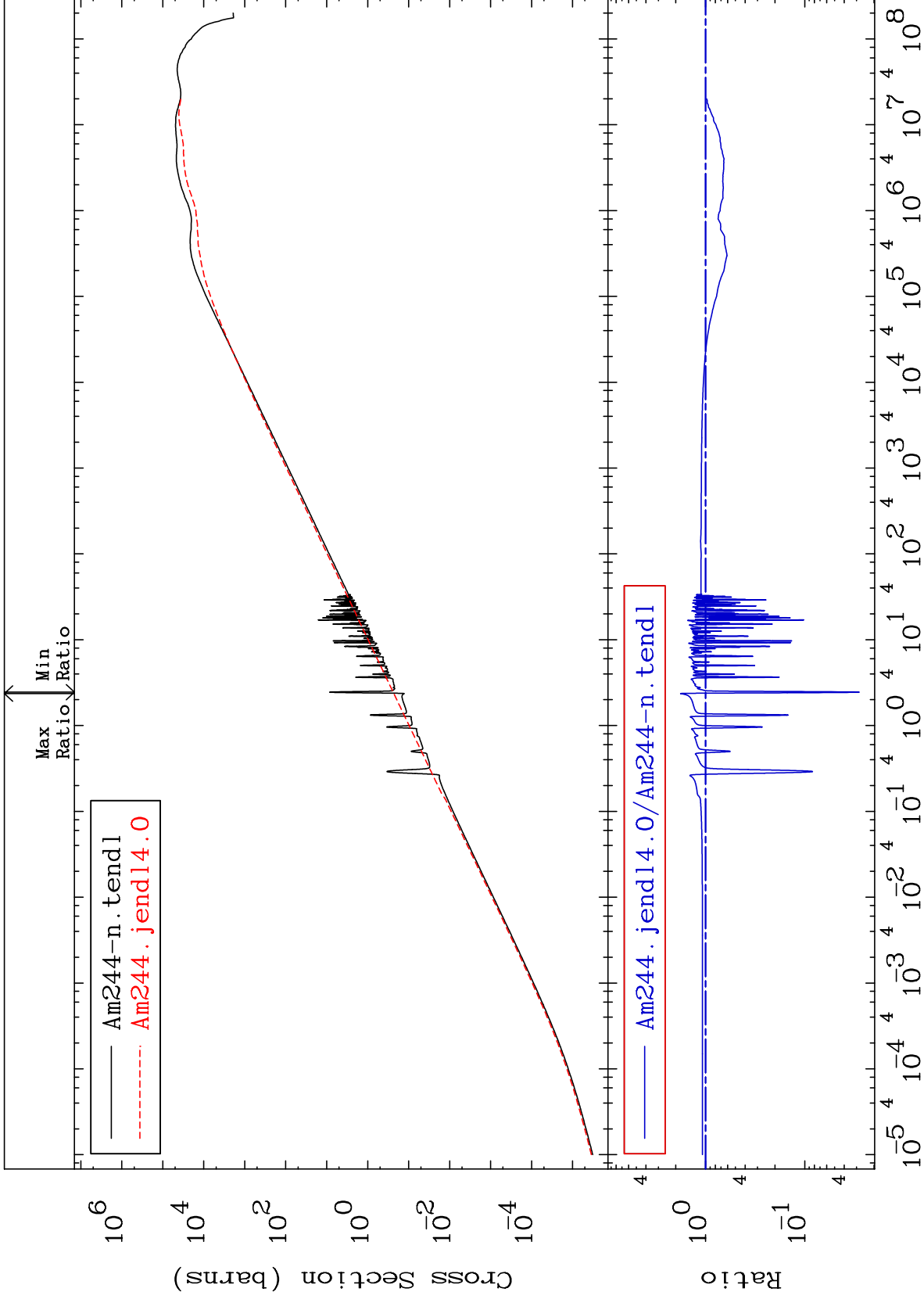
Cross Section



MAT 9552

Kerma elastic
Cross Section

95-Am-244
-97.20 To 79.96 %



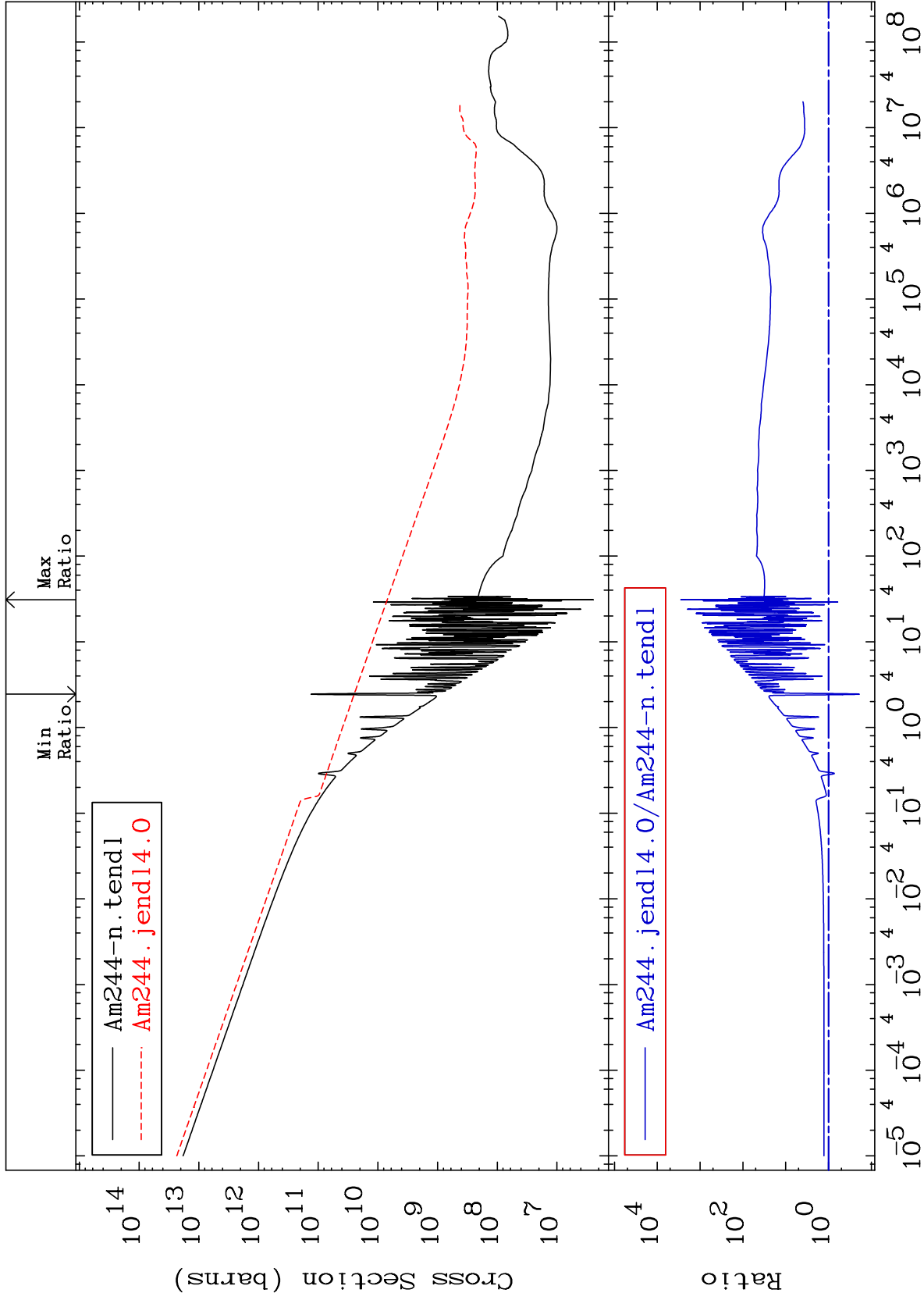
MAT 9552

Kerma non-elastic (all but mt2)

95-Am-244

-81.17 To 9999. %

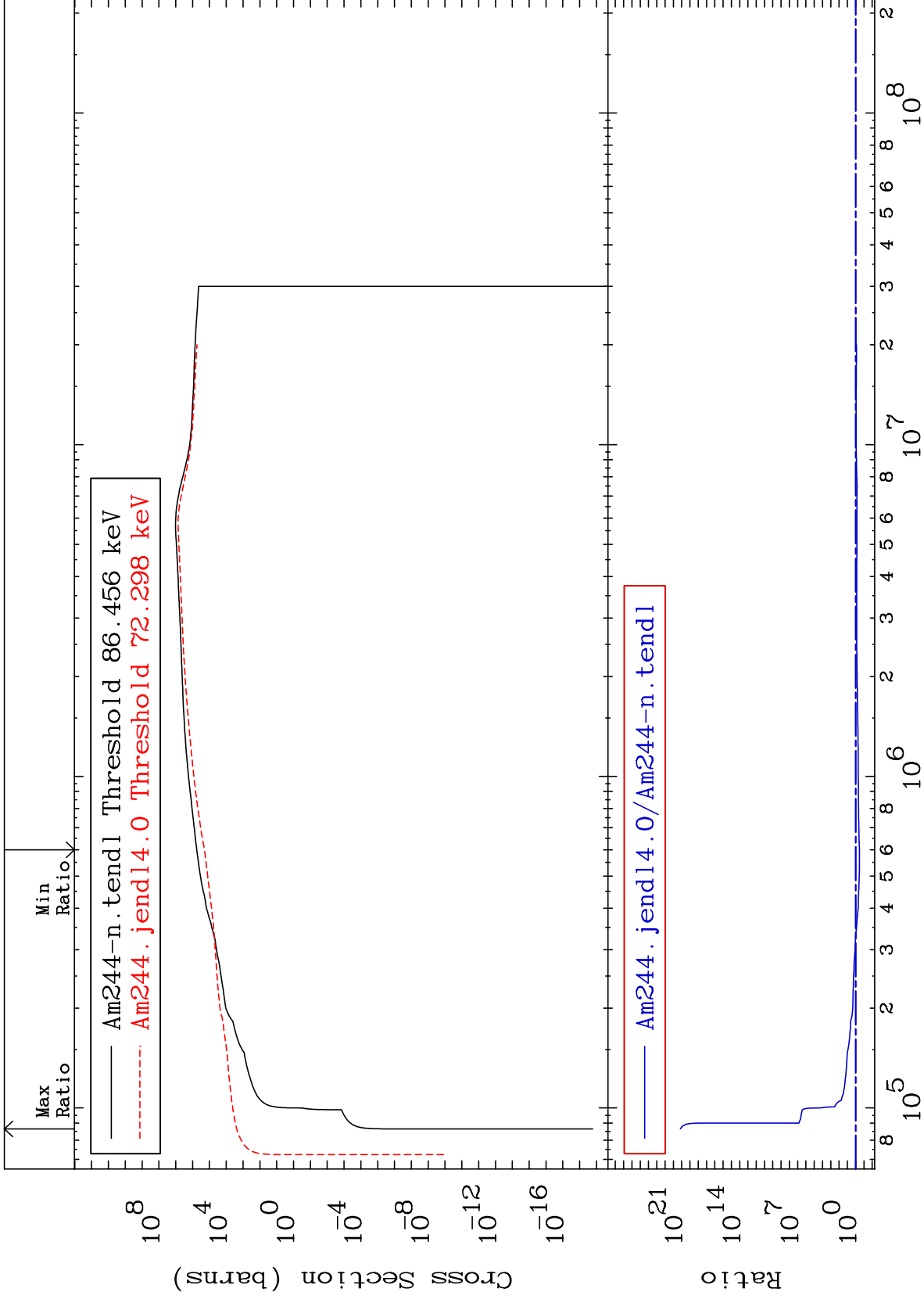
Cross Section



MAT 9552

Kerma inelastic (mt51-91)
Cross Section

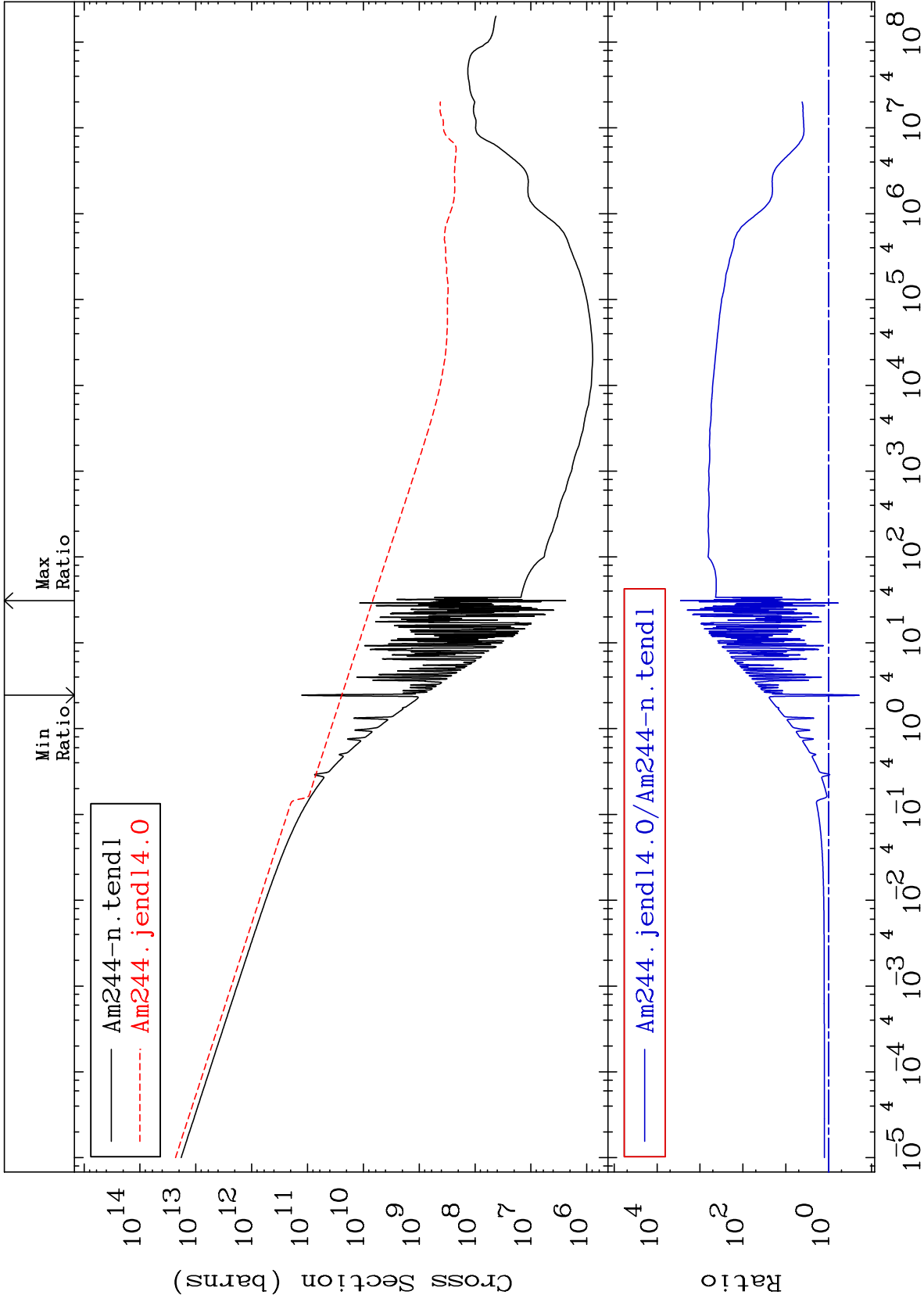
95-Am-244
-65.04 To 9999. %



MAT 9552

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

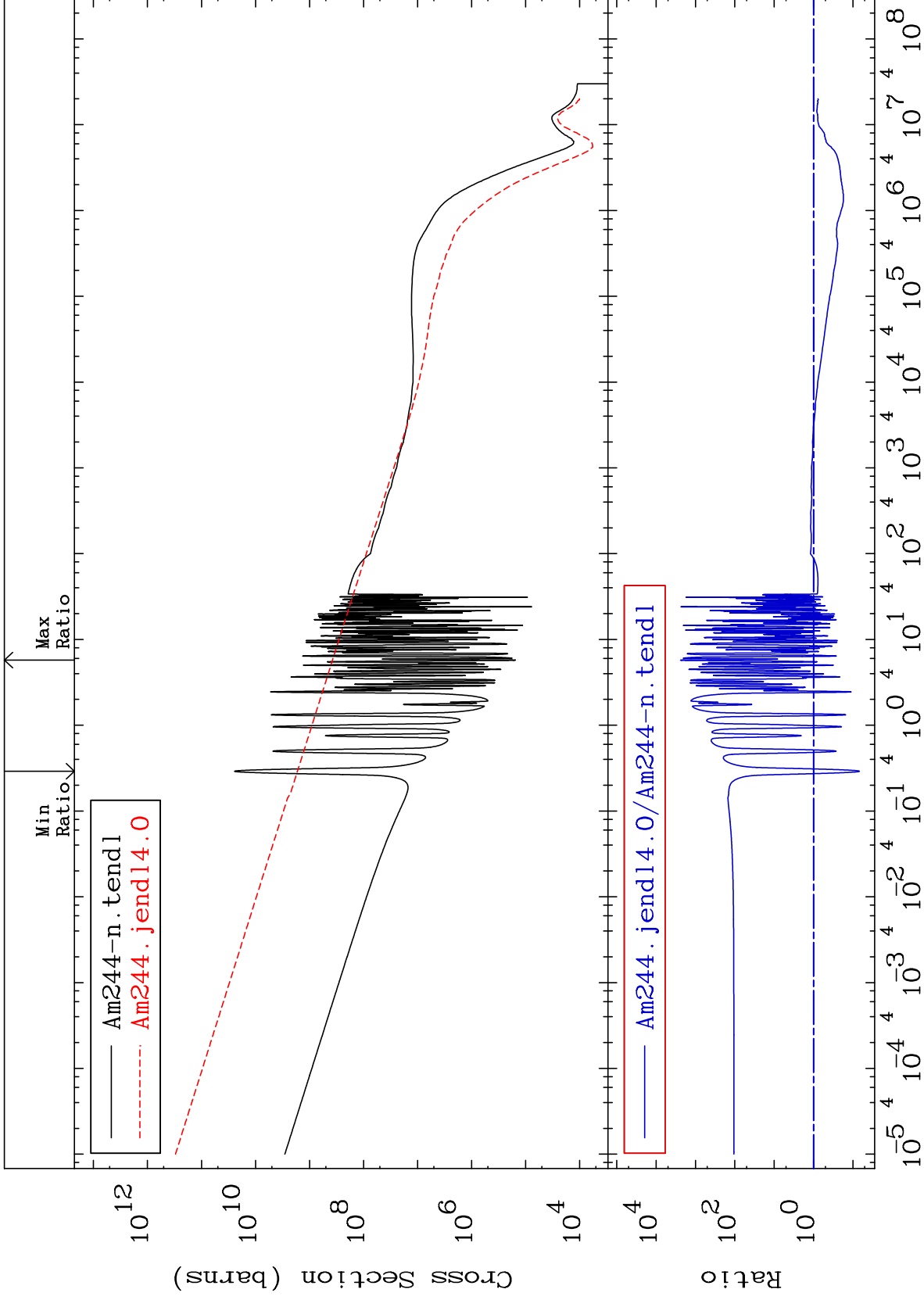
95-Am-244
-80.85 To 9999. %



MAT 9552

Kerma capture (mt102)
Cross Section

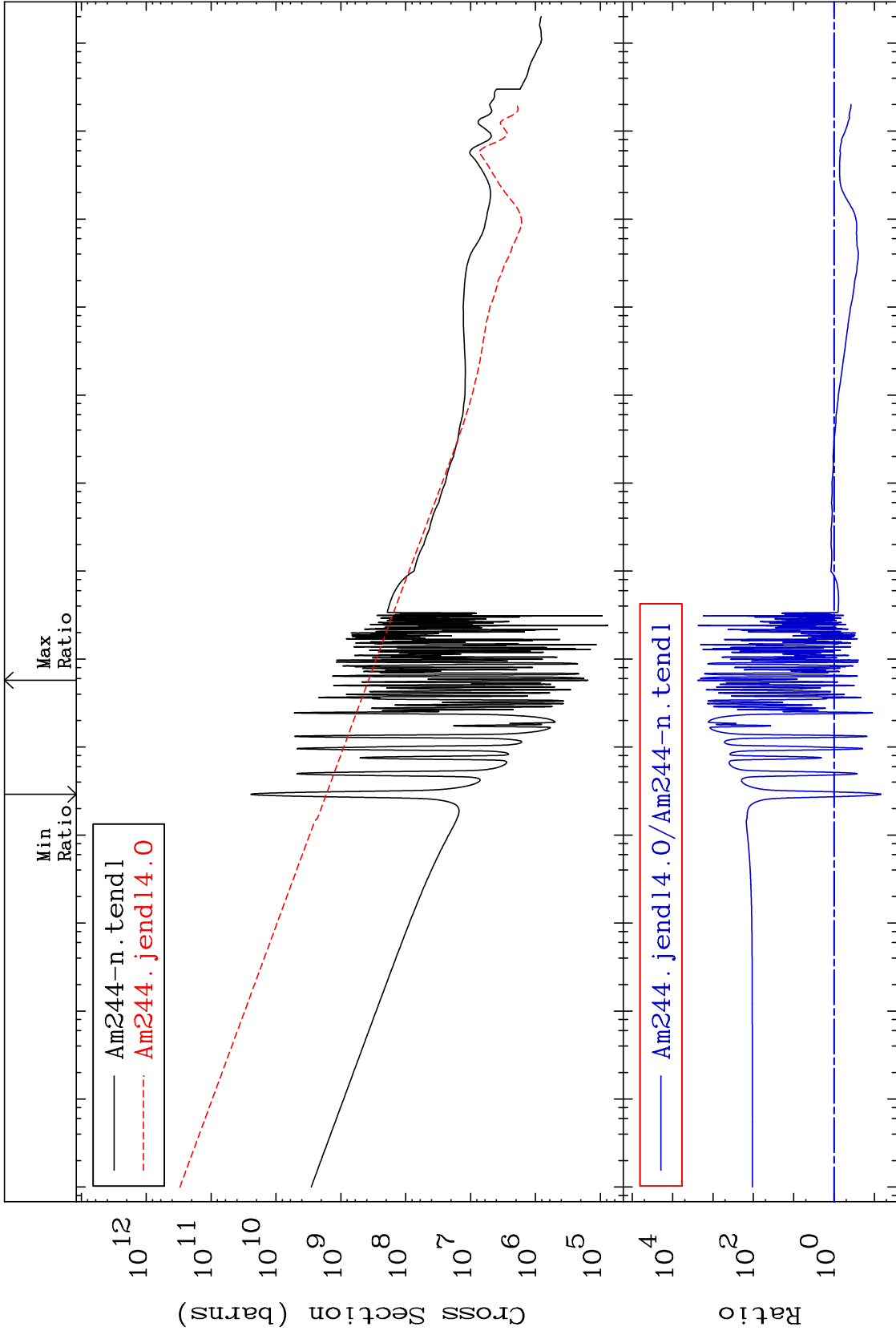
95-Am-244
-93.19 To 9999. %



MAT 9552

Total photon (eV-barns)
Cross Section

95-Am-244
-93.19 To 9999. %



95-Am-244

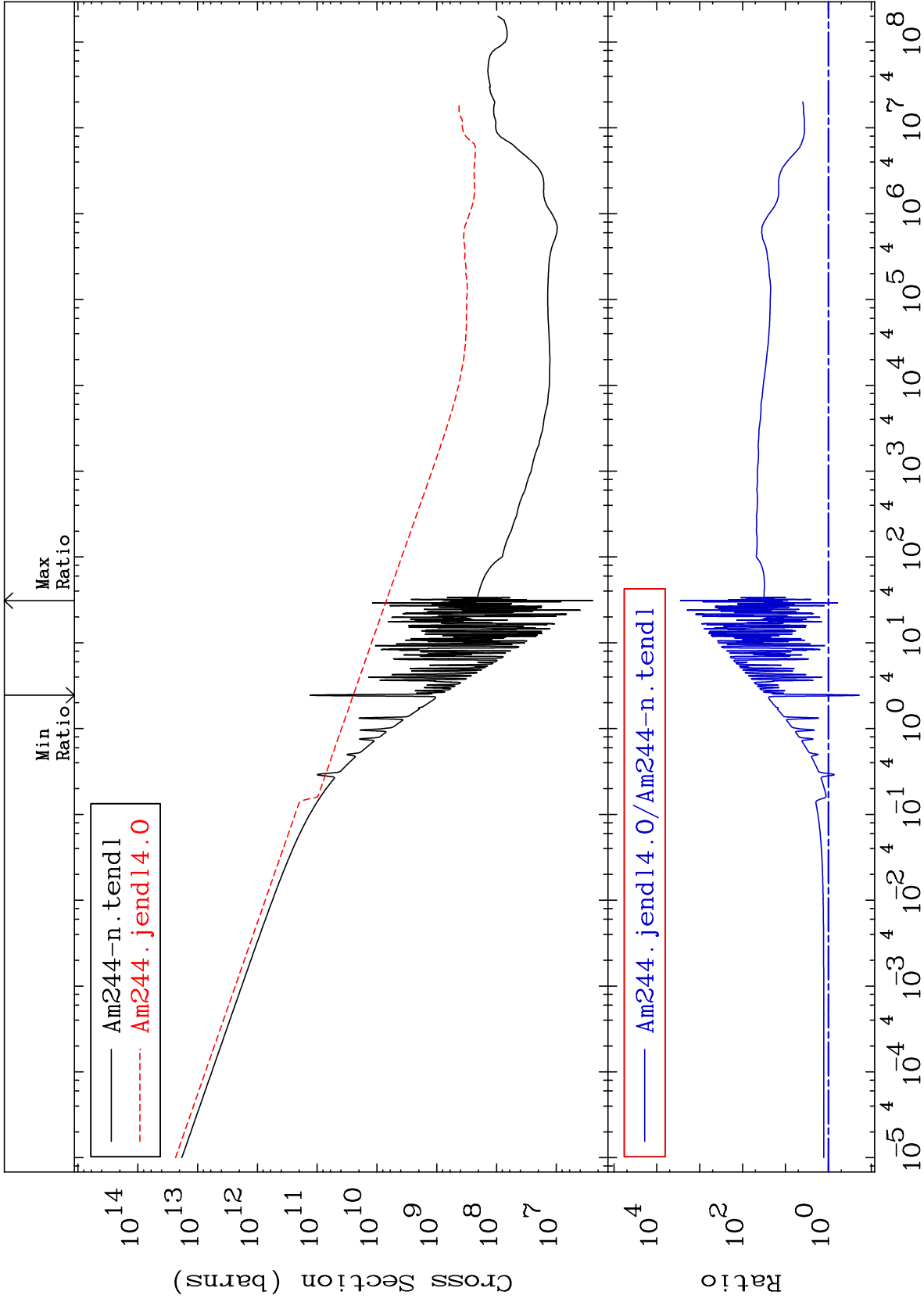
Incident Energy (eV)

50

MAT 9552

Total kinematic kerma (high limit)
Cross Section

95-Am-244
-81.17 To 9999. %



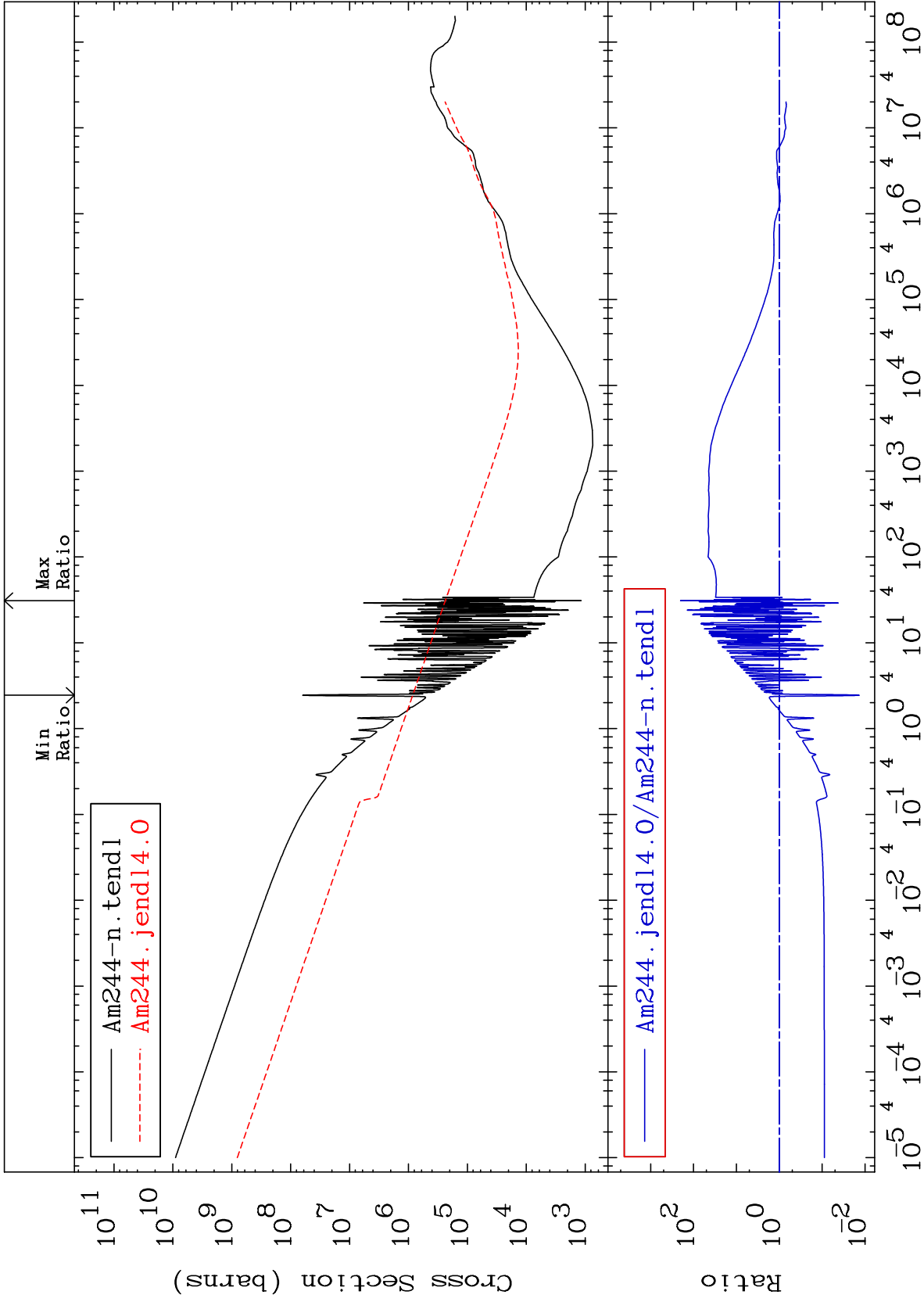
MAT 9552

Dpa total (eV-barns)

95-Am-244

-98.65 To 9999. %

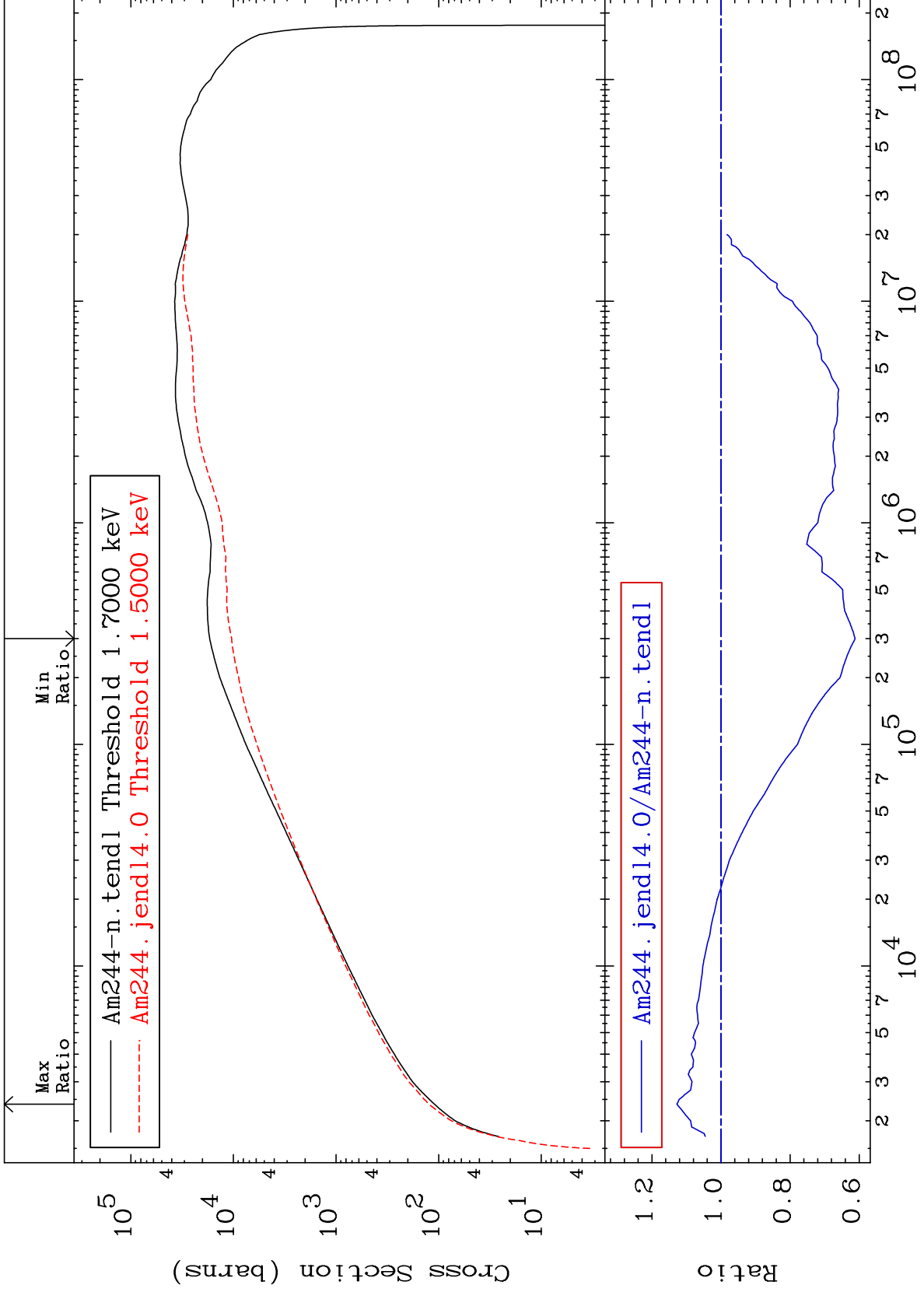
Cross Section

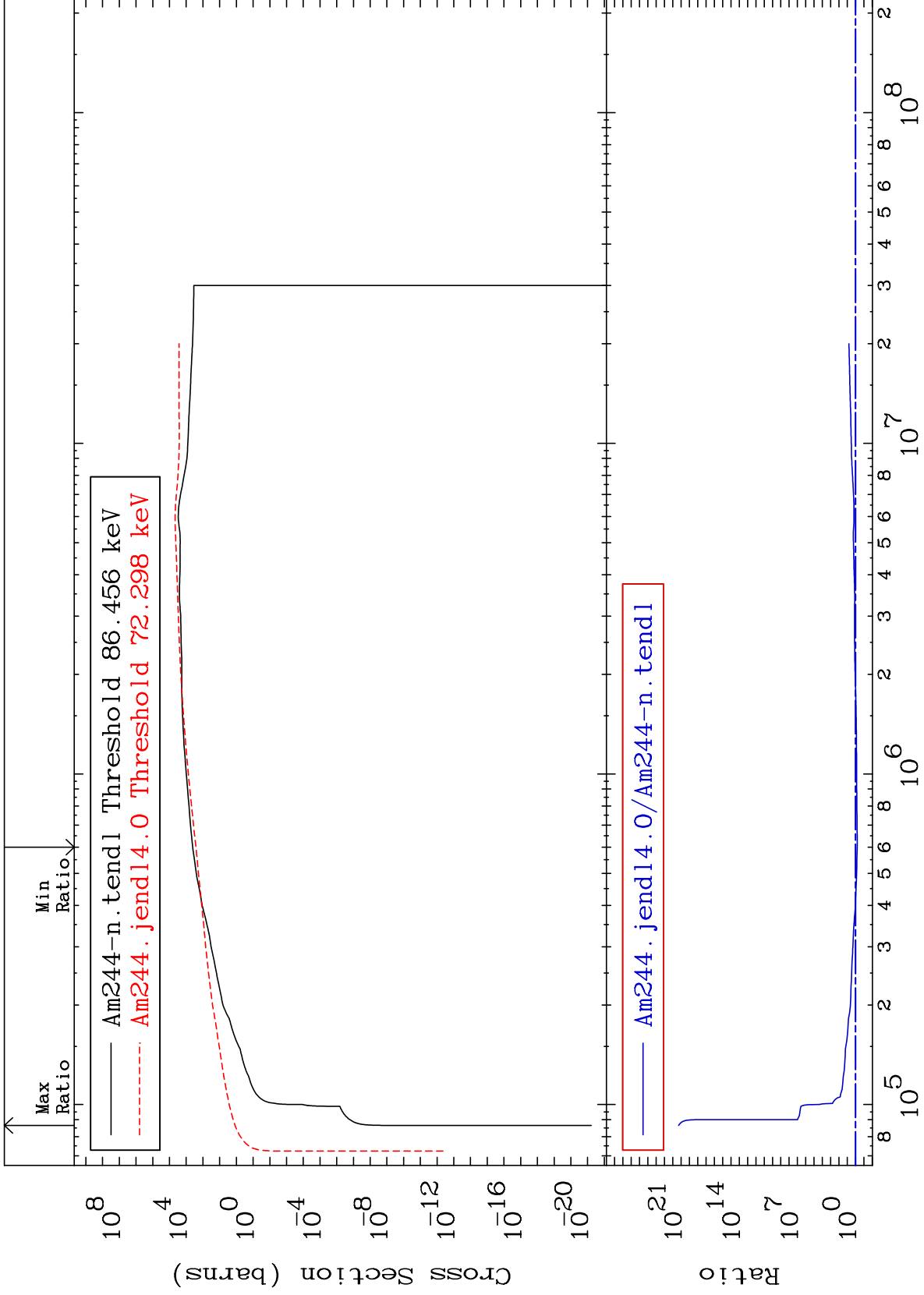


MAT 9552

Dpa elastic (mt2)
Cross Section

95-Am-244
-38.83 To 12.77 %





MAT 9552

Dpa disappearance (mt102 -120)
Cross Section

95-Am-244
-100.0 To 9999. %

