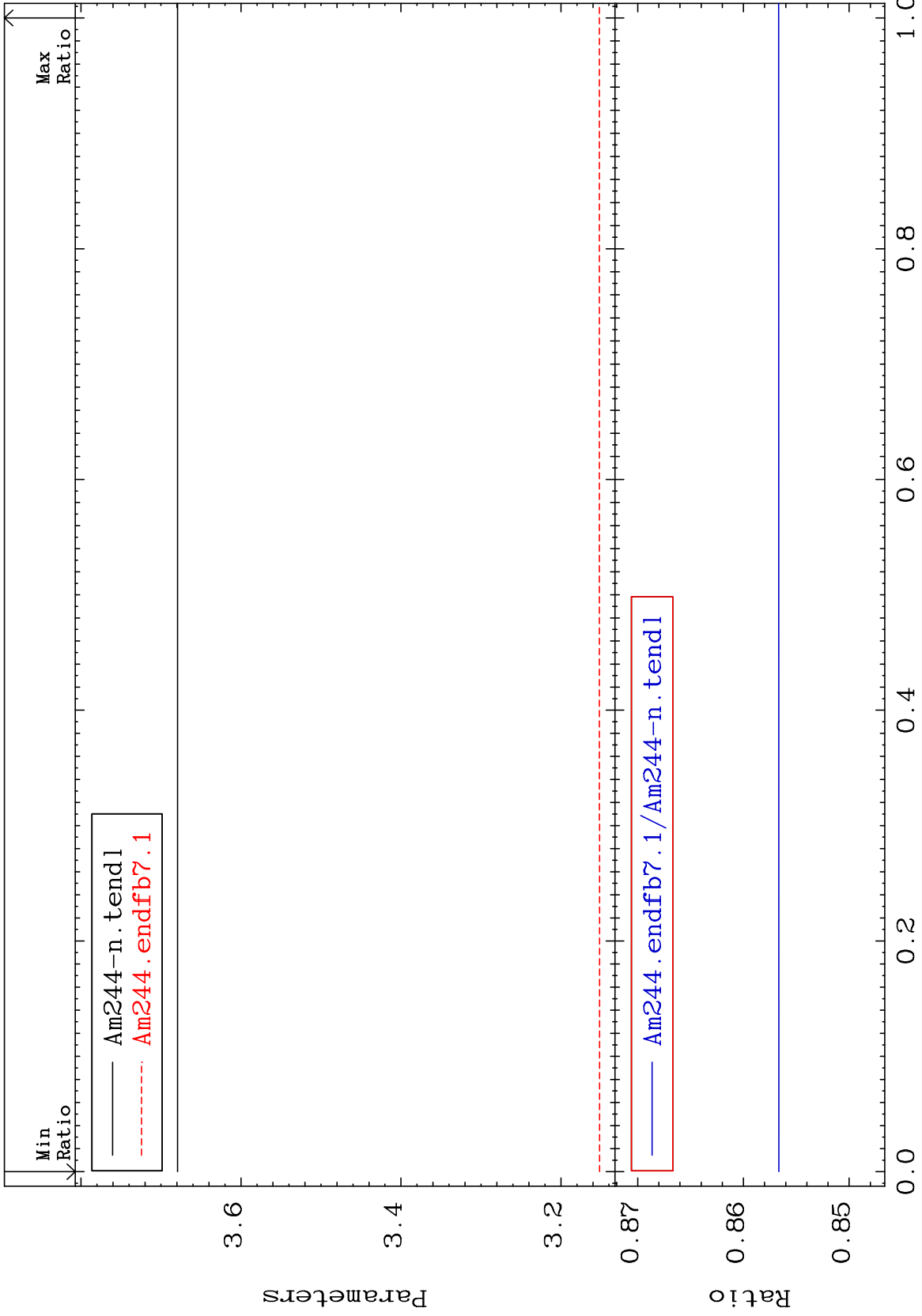


MAT 9552

Total $\bar{\nu}$
Parameters

95-Am-244
-14.33 To -14.33%



Incident Energy (KeV)

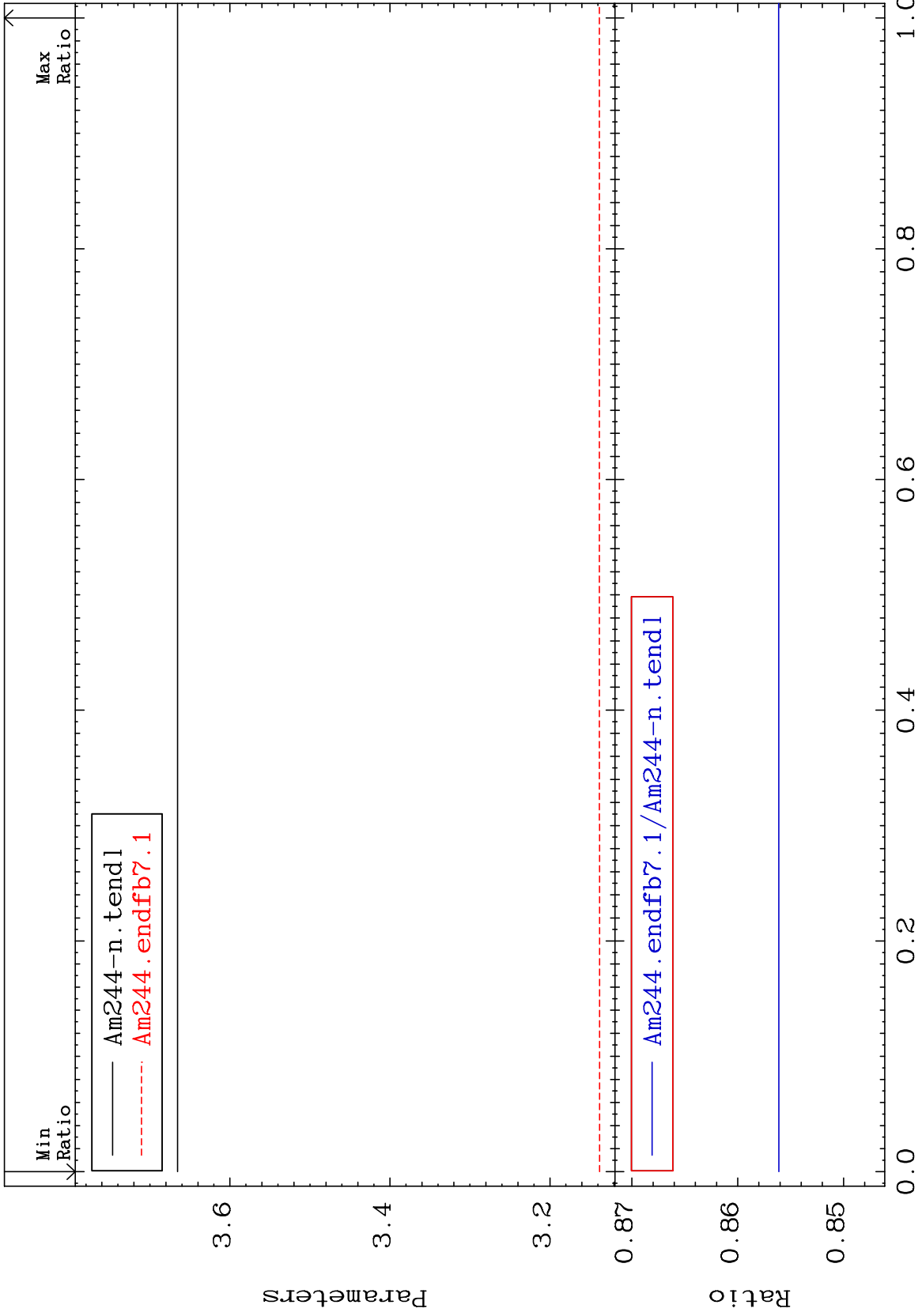
95-Am-244

1

MAT 9552

Prompt $\bar{\nu}$
Parameters

95-Am-244
-14.39 To -14.39%



2

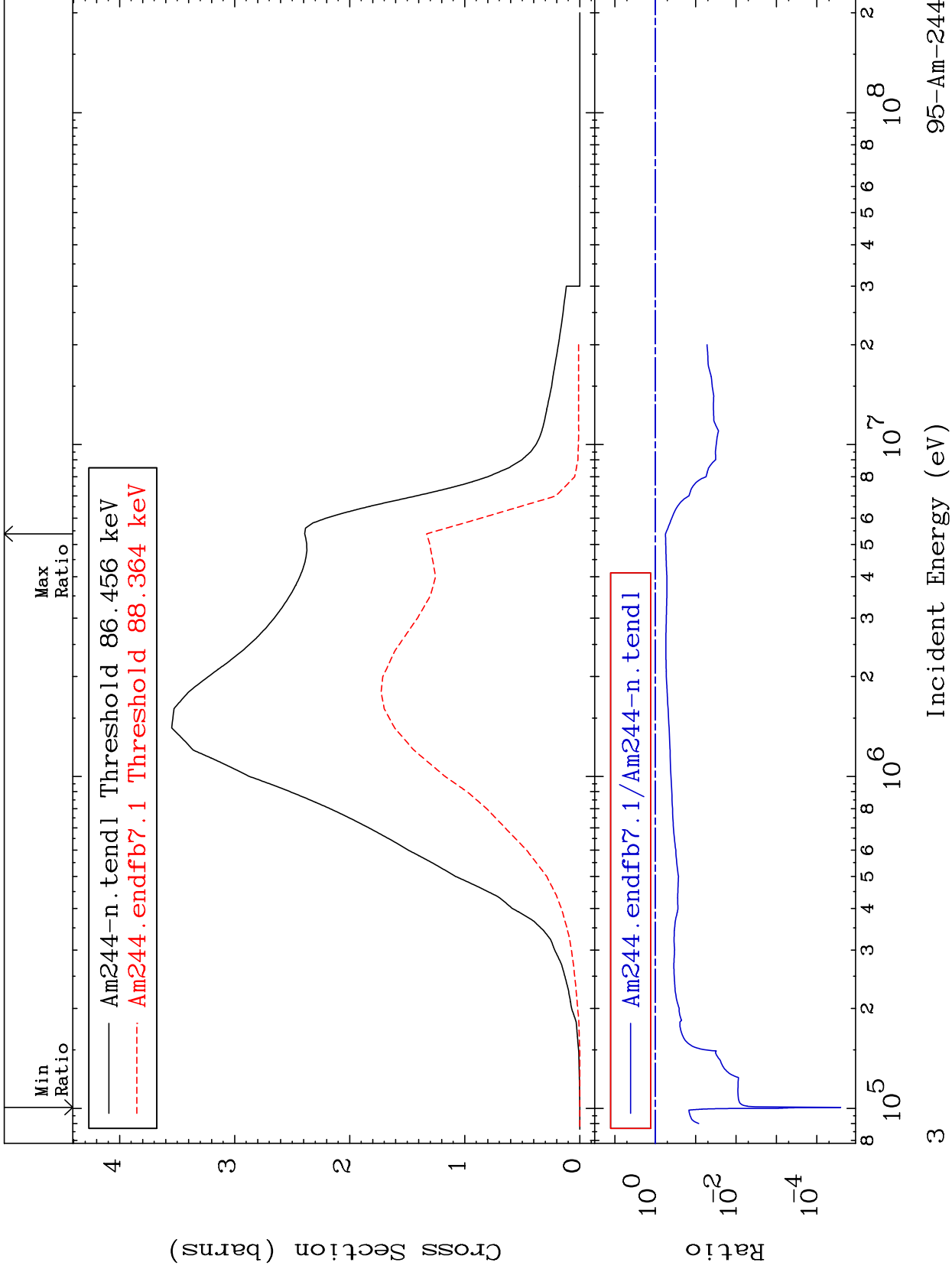
Incident Energy (KeV)

95-Am-244

MAT 9552

Inelastic
Cross Section

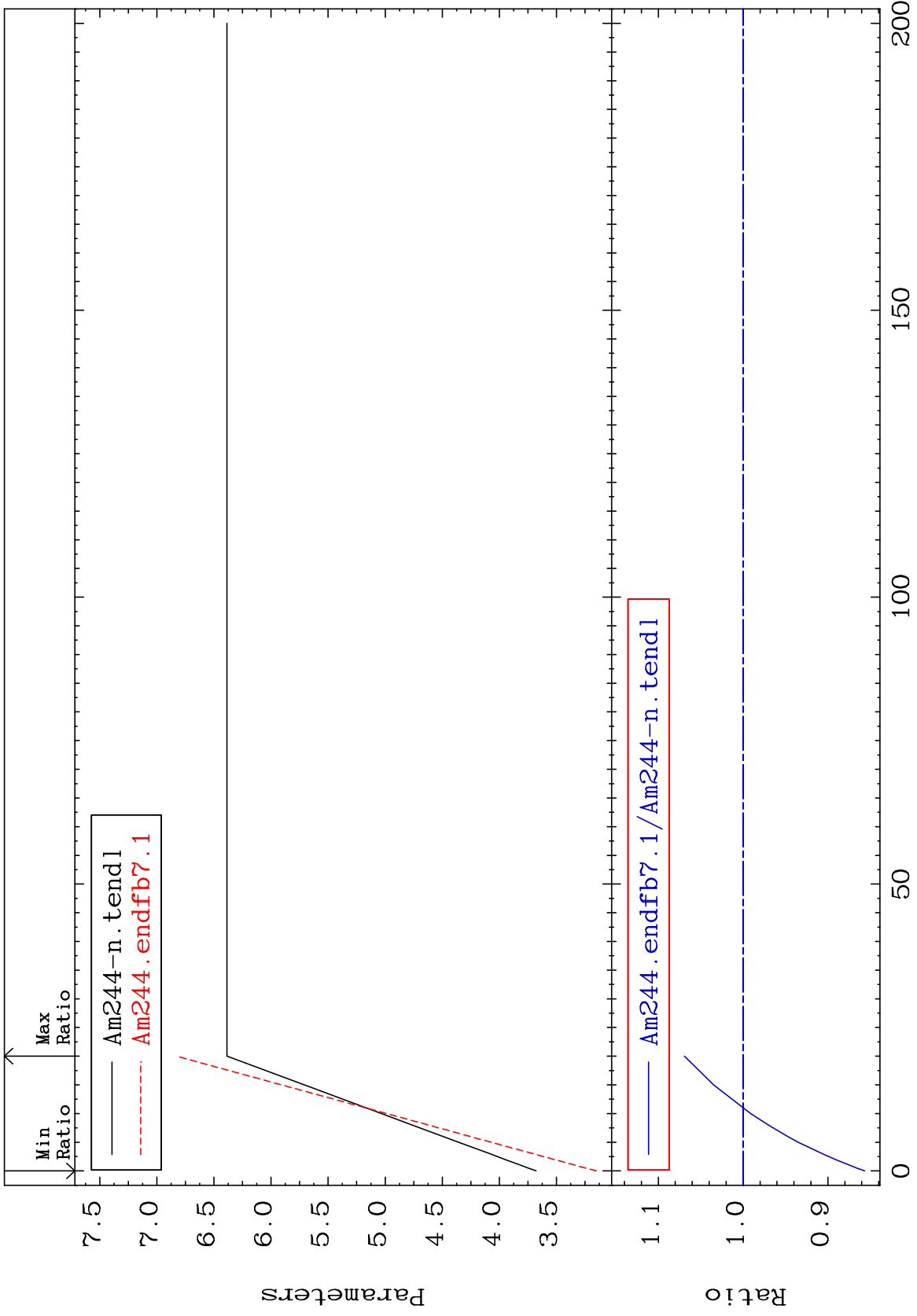
95-Am-244
-100.0 To -44.35%



MAT 9552

Total $\bar{\nu}$
Parameters

95-Am-244
-14.33 To 6.916 %



95-Am-244

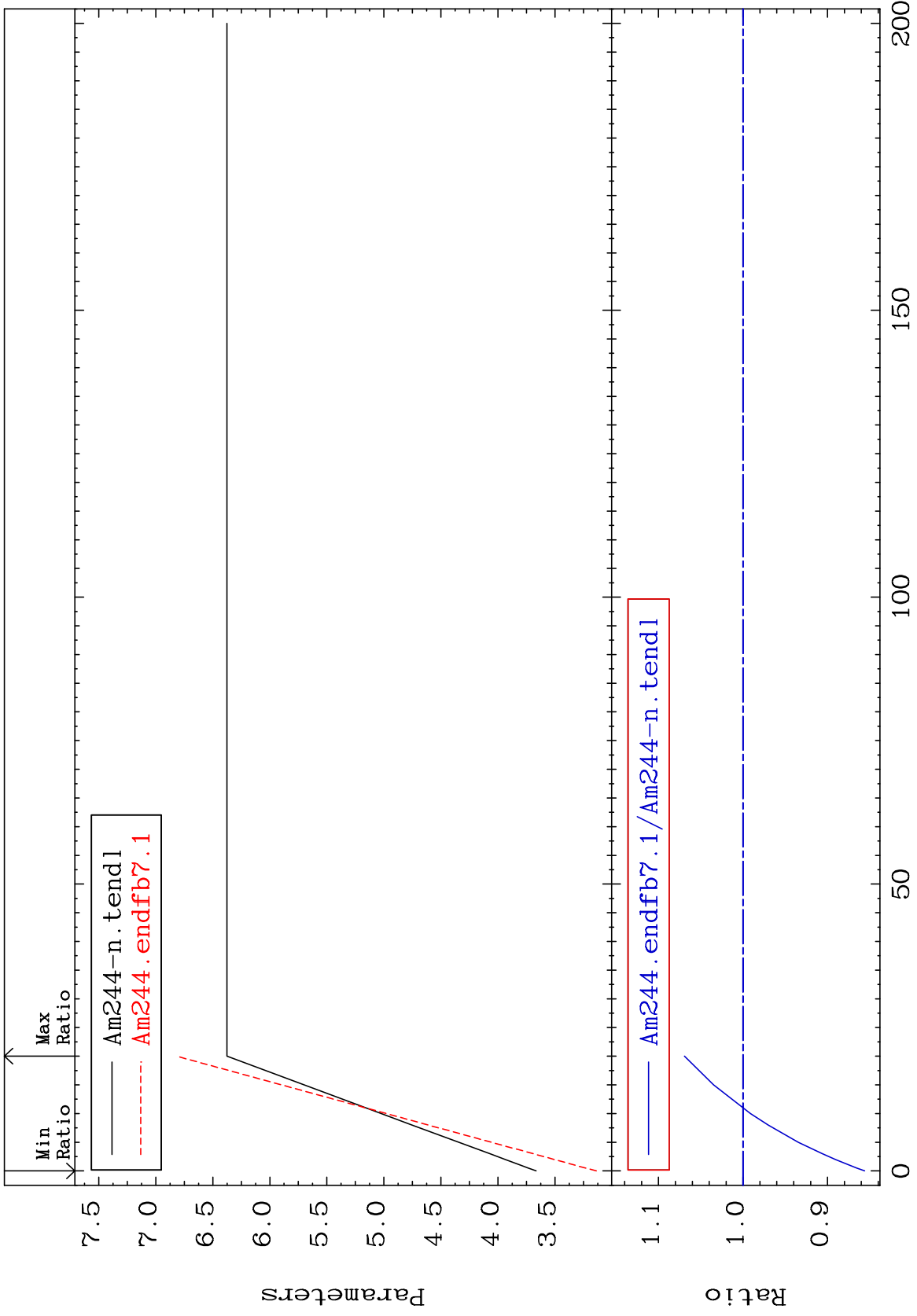
Incident Energy (MeV)

1

MAT 9552

Prompt $\bar{\nu}$
Parameters

95-Am-244
-14.39 To 6.926 %



2

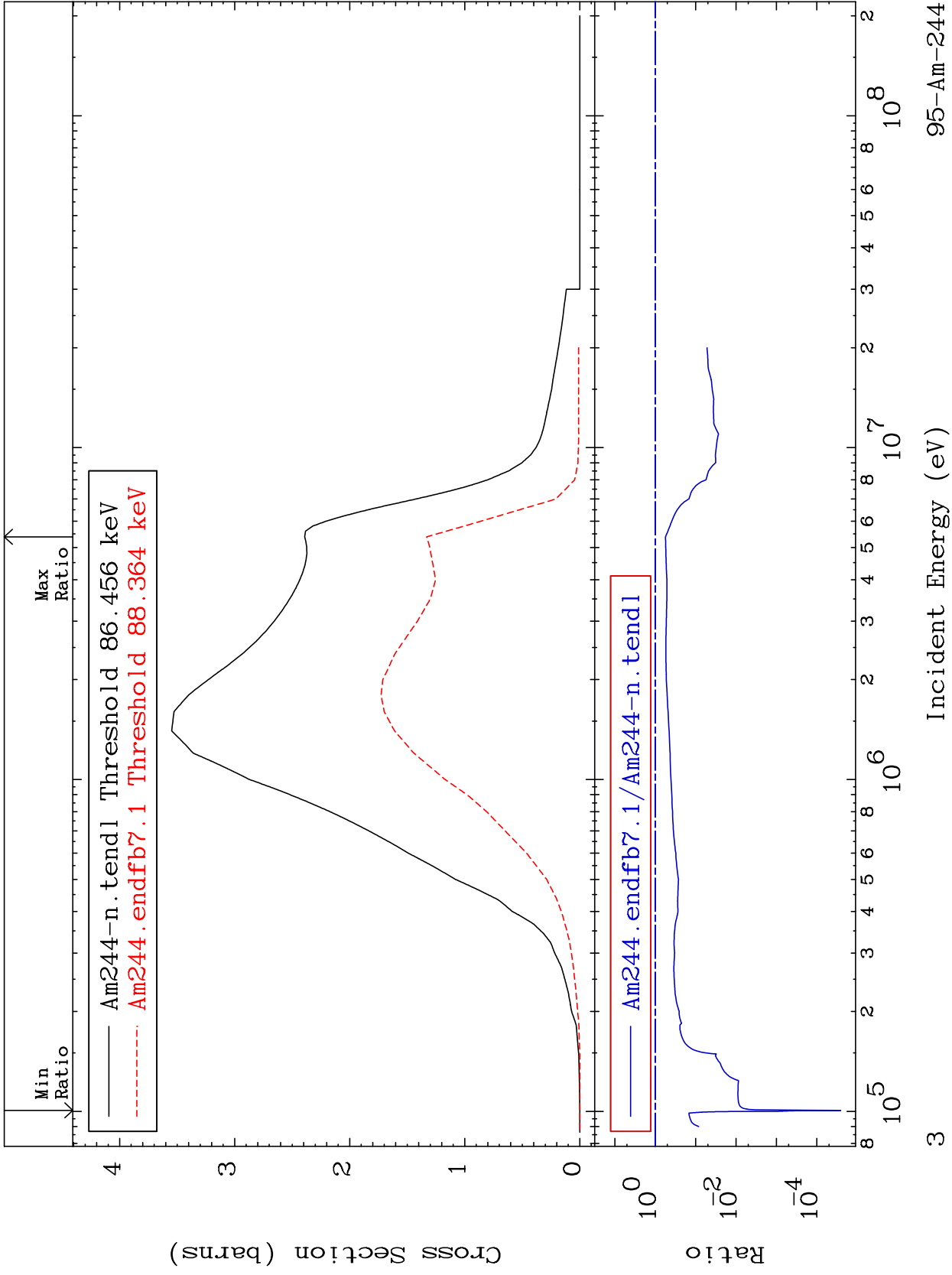
Incident Energy (MeV)

95-Am-244

MAT 9552

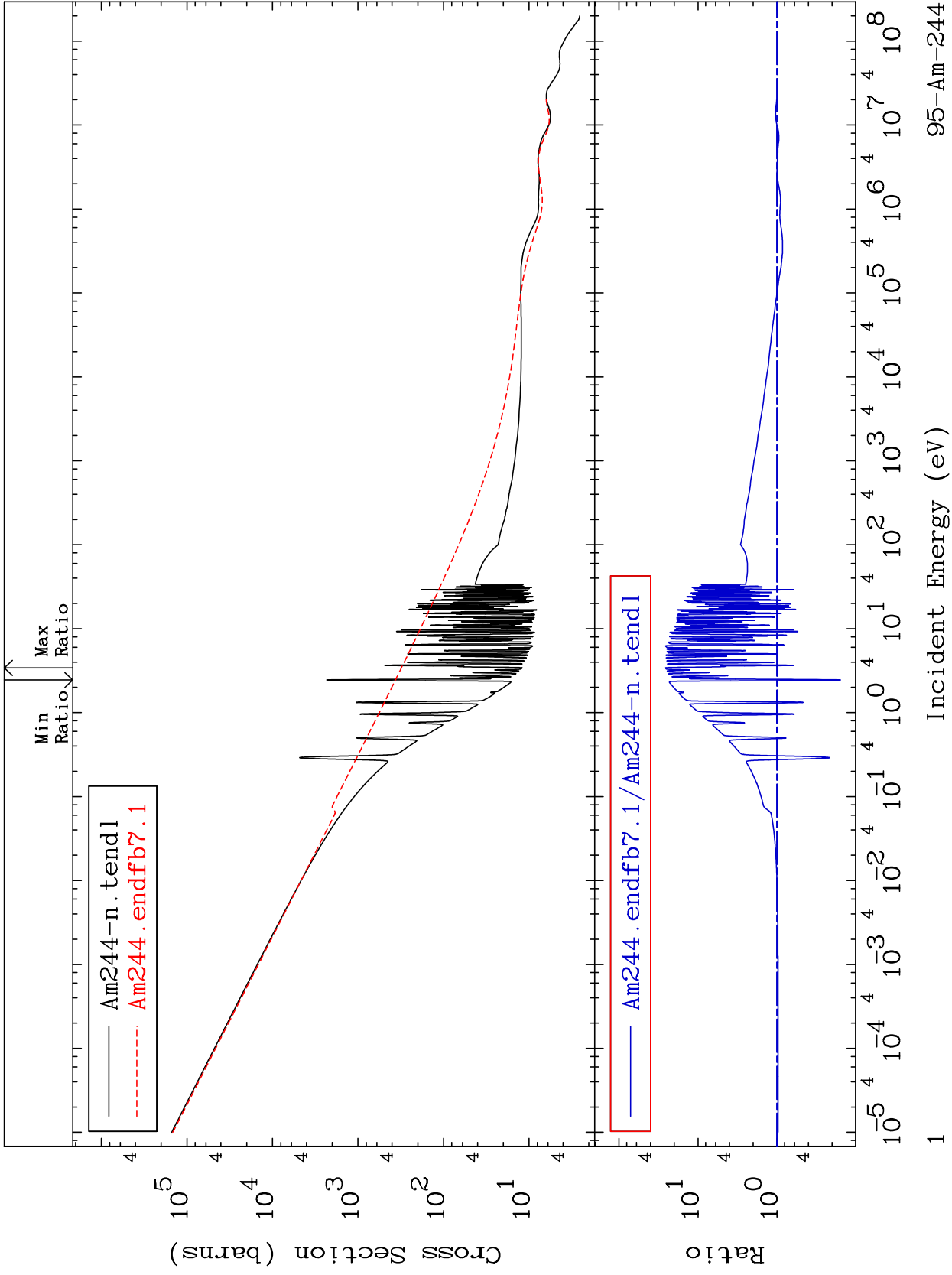
Inelastic
Cross Section

95-Am-244
-100.0 To -44.35%



MAT 9552

Total Cross Section
95-Am-244
-84.38 To 2481. %

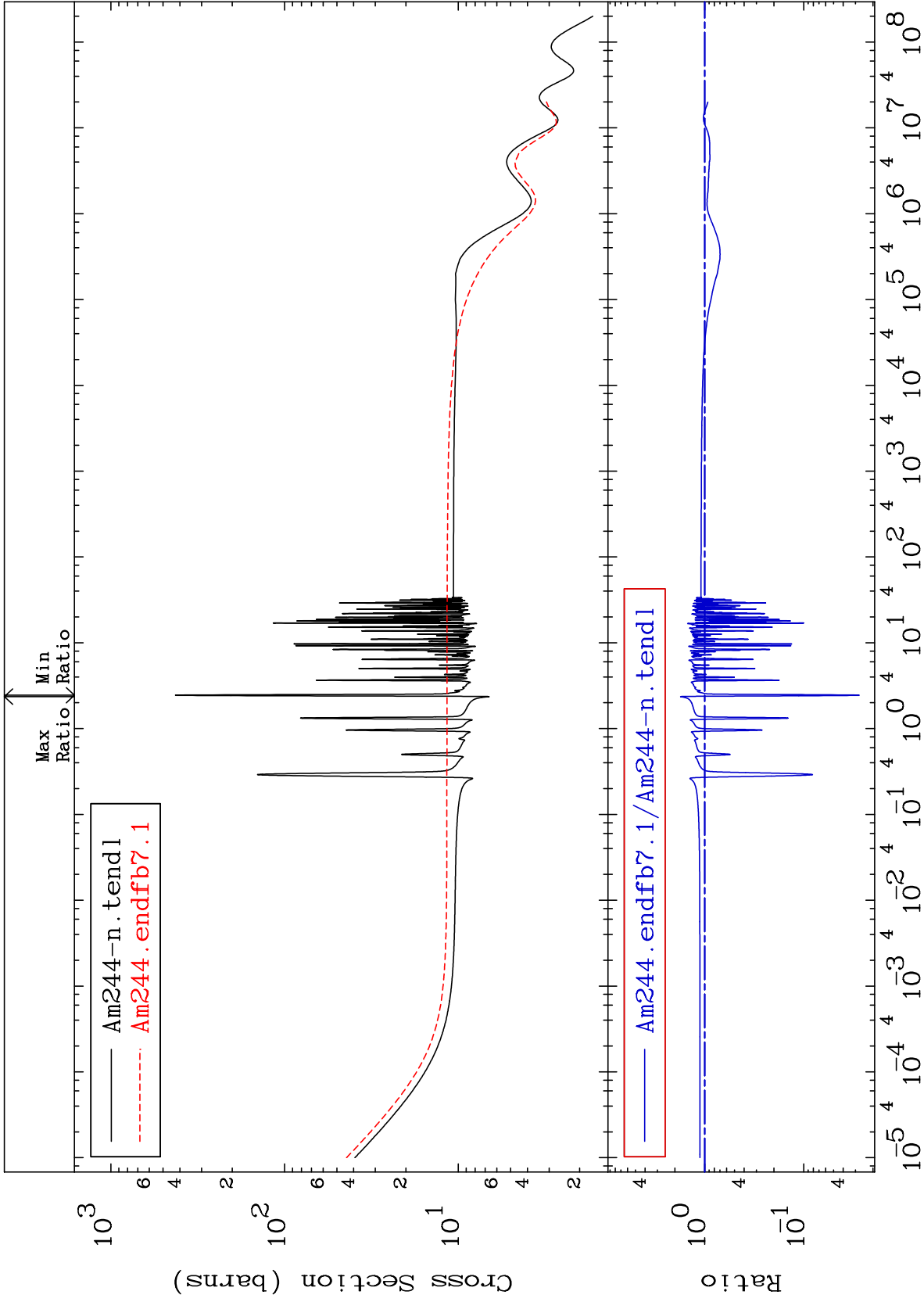


95-Am-244

MAT 9552

Elastic
Cross Section

95-Am-244
-97.26 To 75.77 %



2

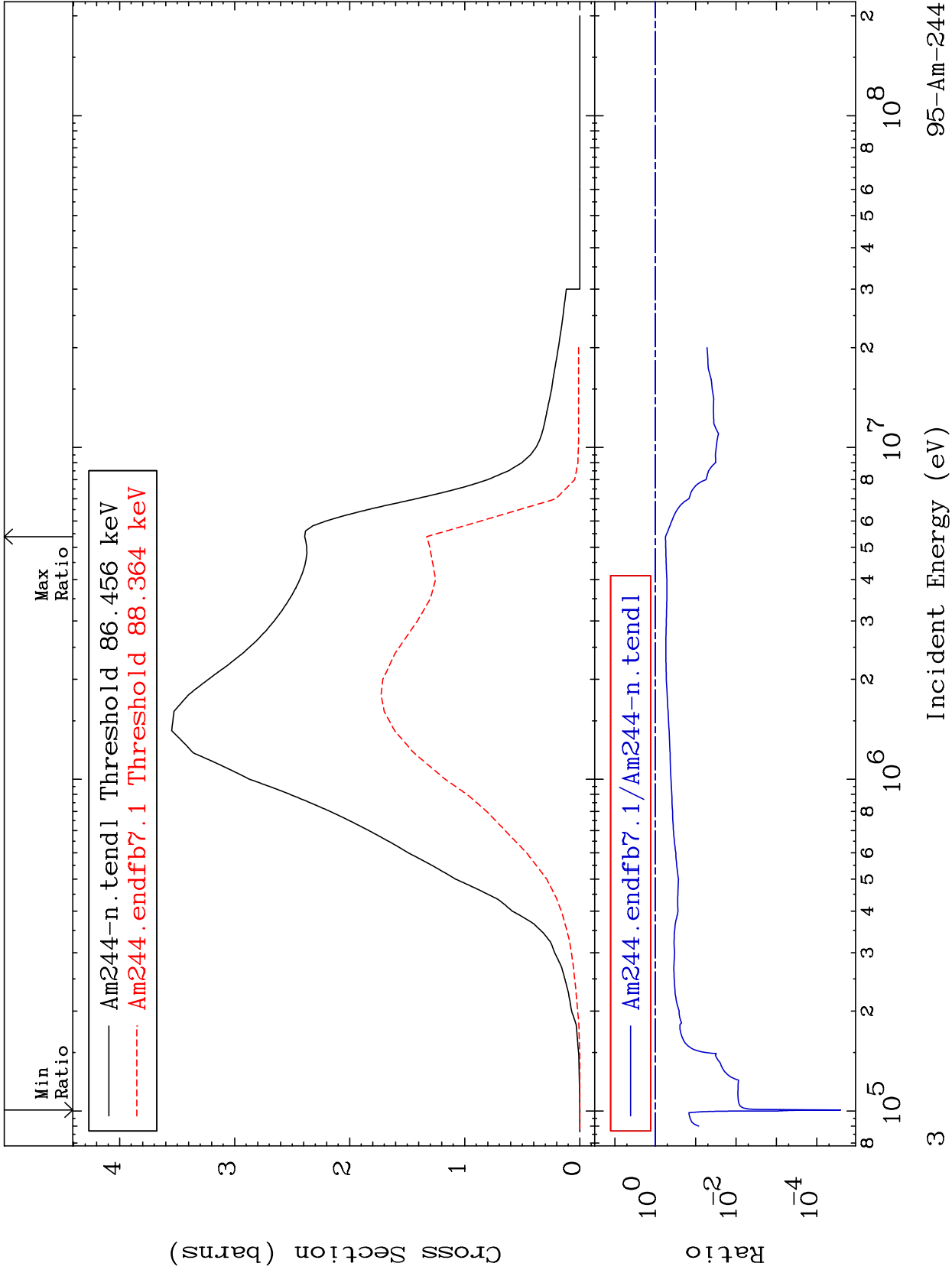
Incident Energy (eV)

95-Am-244

MAT 9552

Inelastic
Cross Section

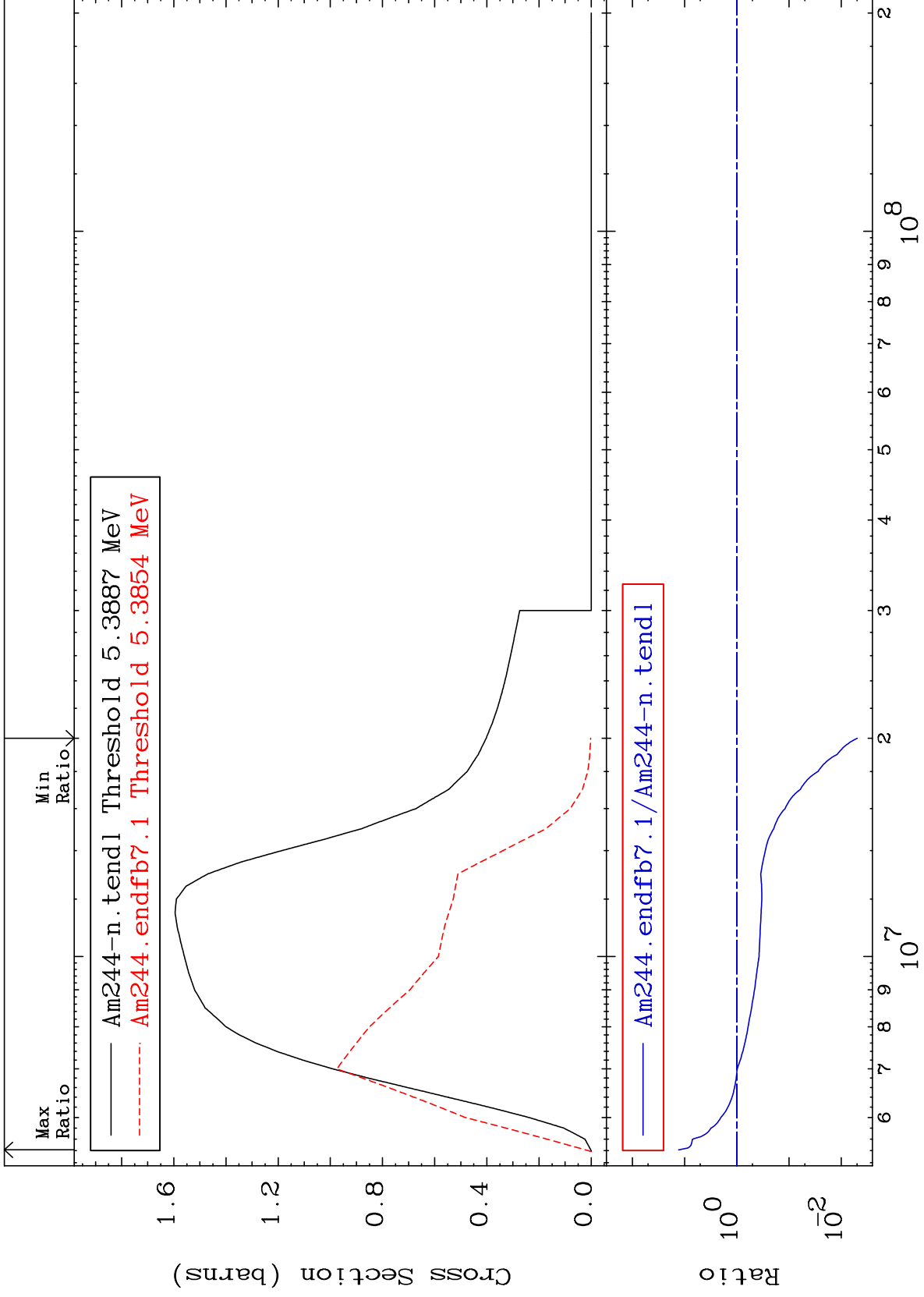
95-Am-244
-100.0 To -44.35%



MAT 9552

(n,2n)
Cross Section

95-Am-244
-99.51 To 1199. %



4

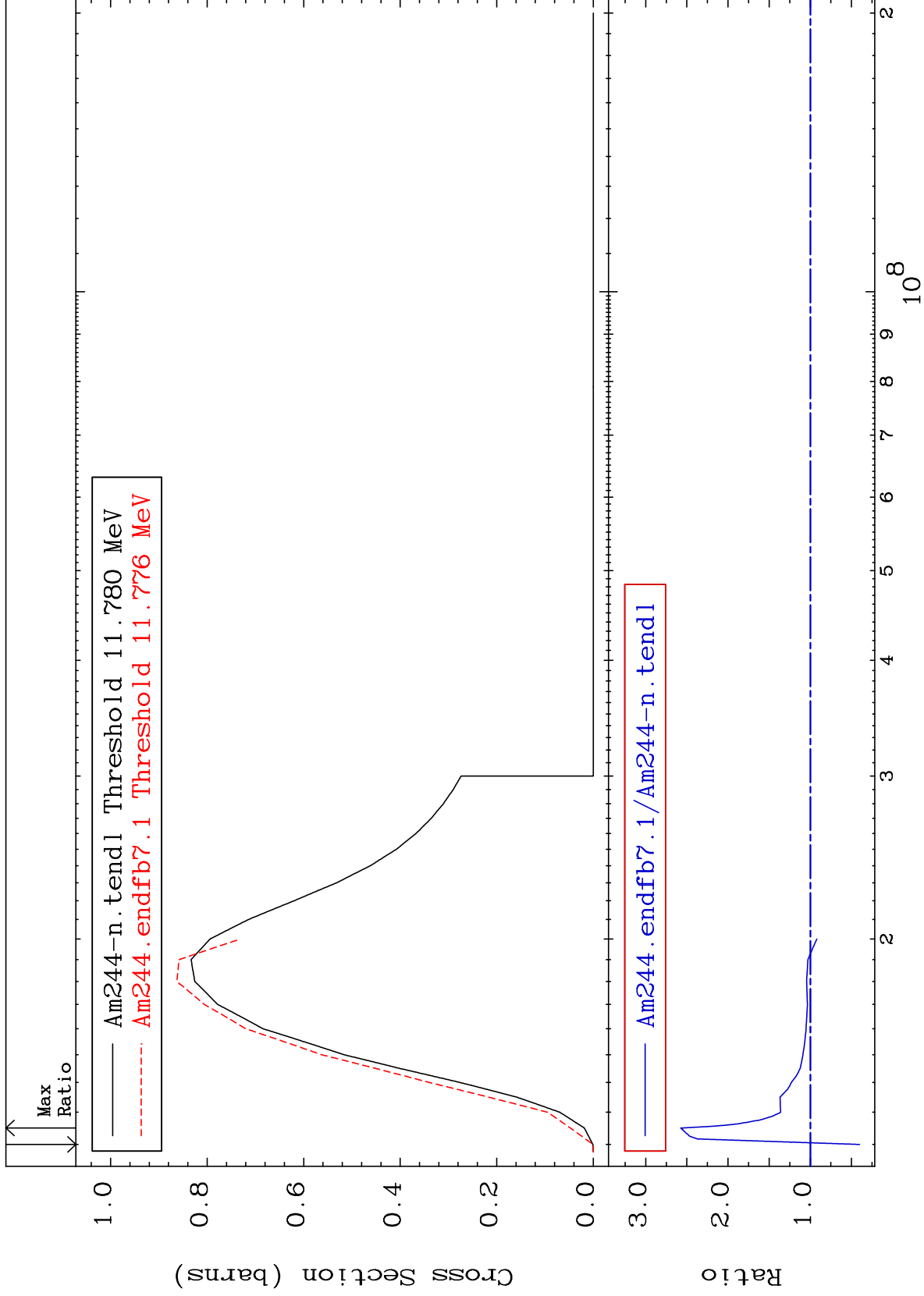
Incident Energy (eV)

95-Am-244

MAT 9552

(n,3n)
Cross Section

95-Am-244
-59.78 To 157.4 %

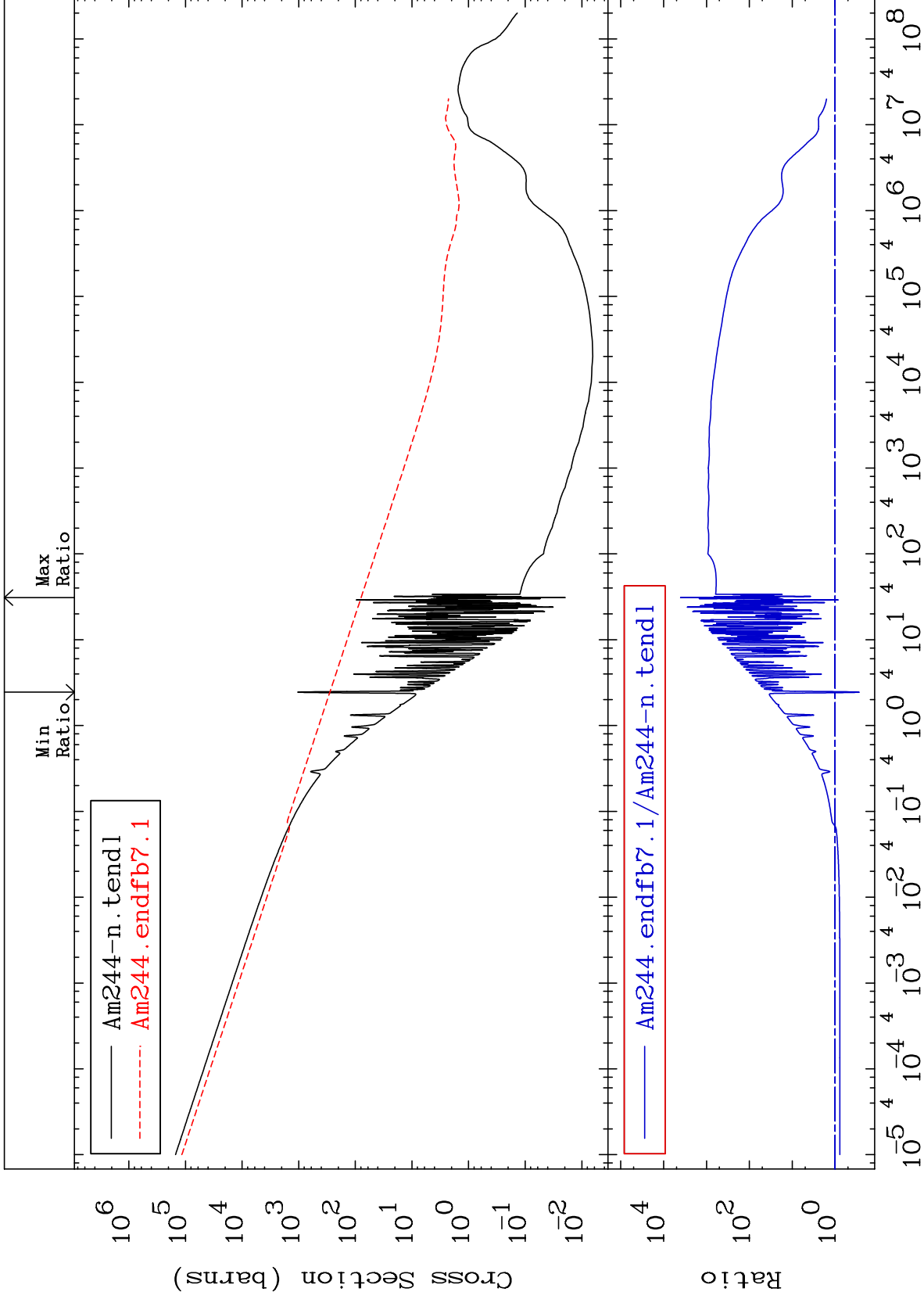


MAT 9552

95-Am-244

-72.98 To 9999. %

Fission
Cross Section



Incident Energy (eV)

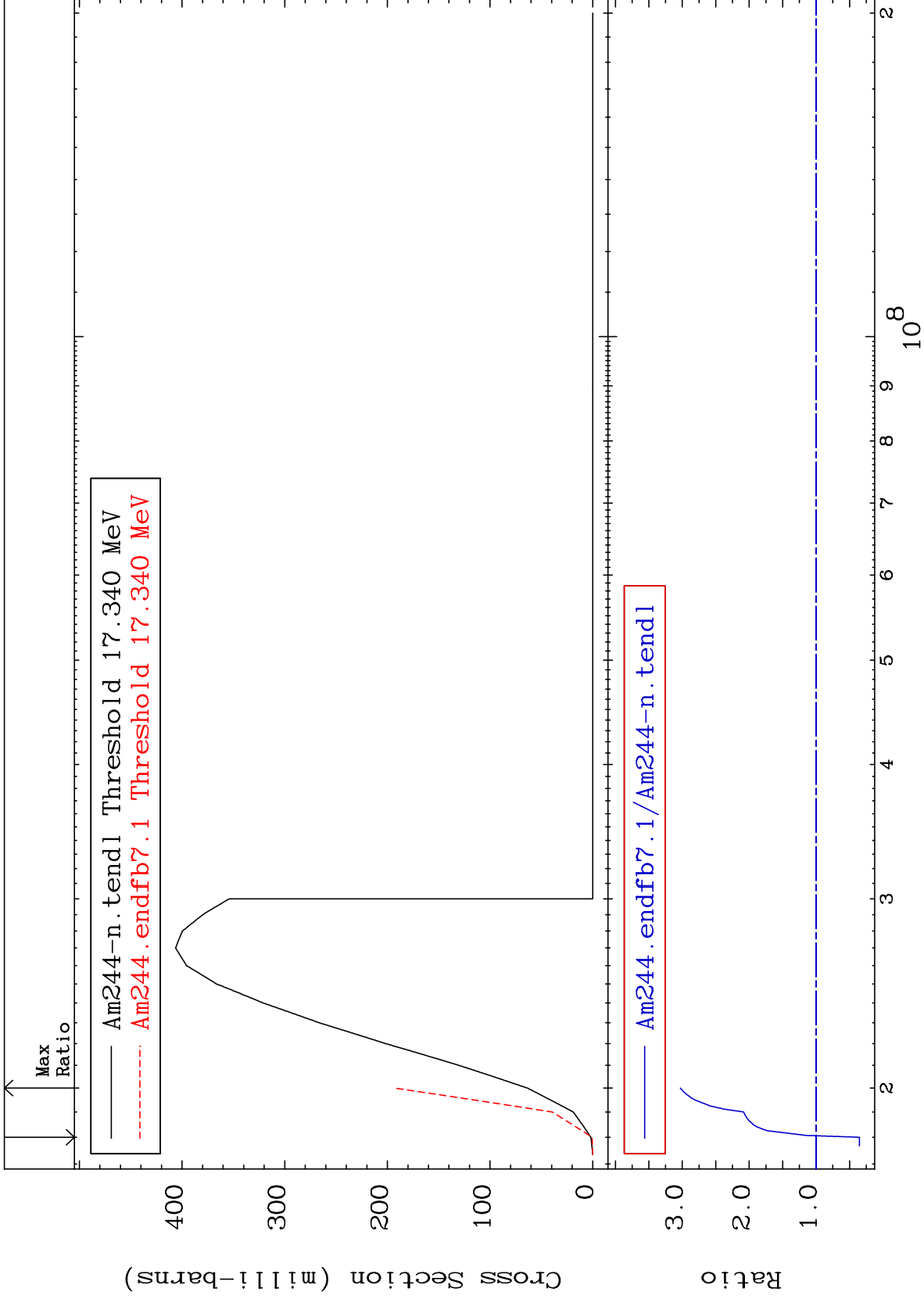
95-Am-244

6

MAT 9552

(n,4n)
Cross Section

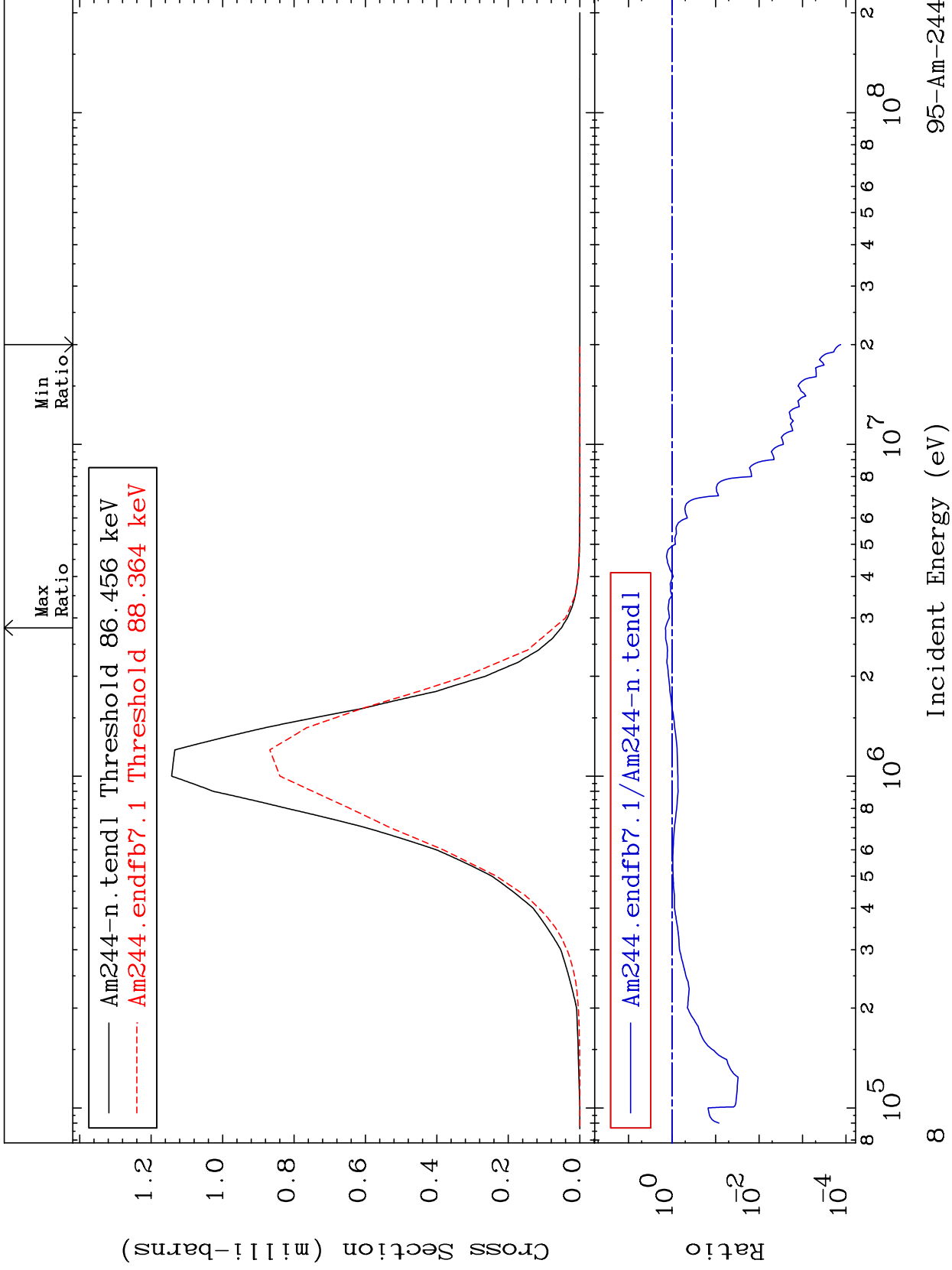
95-Am-244
-64.74 To 202.9 %



MAT 9552

86.10 keV (n,n') Level
Cross Section

95-Am-244
-99.99 To 41.44 %



8

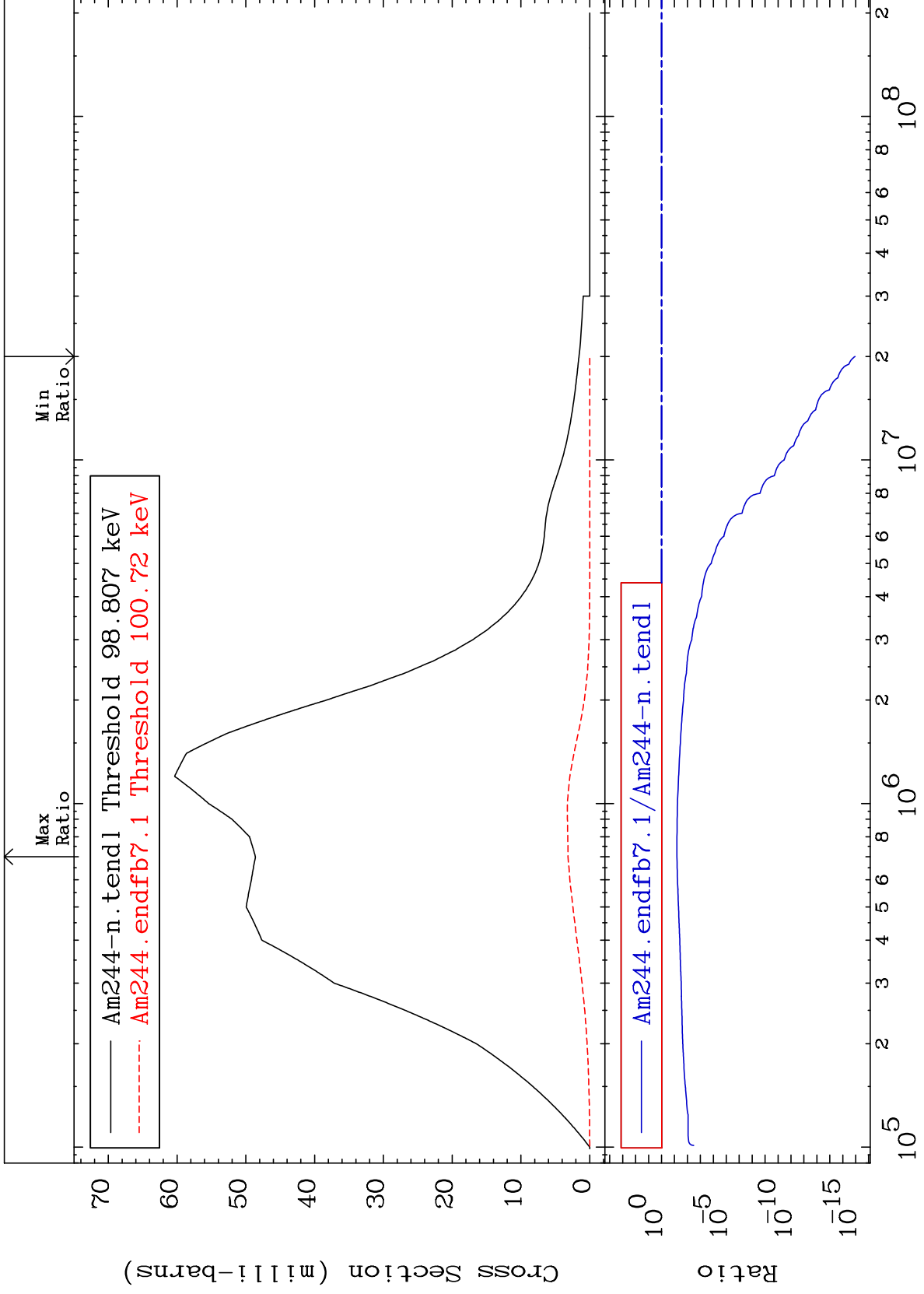
Incident Energy (eV)

95-Am-244

MAT 9552

98.40 keV (n,n') Level
Cross Section

95-Am-244
-100.0 To -93.53%



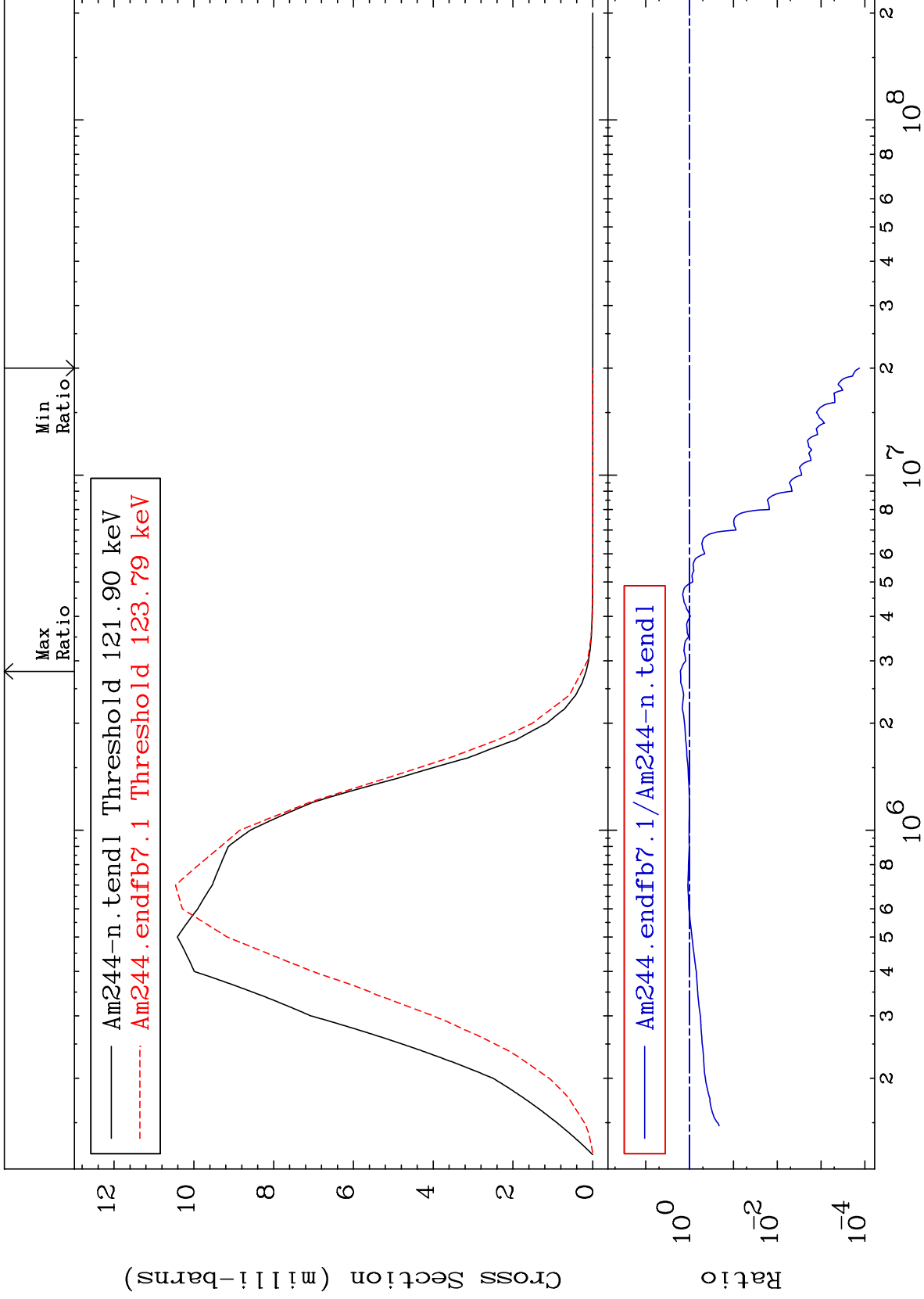
9

95-Am-244

MAT 9552

121.4 keV (n,n') Level
Cross Section

95-Am-244
-99.99 To 62.42 %



10

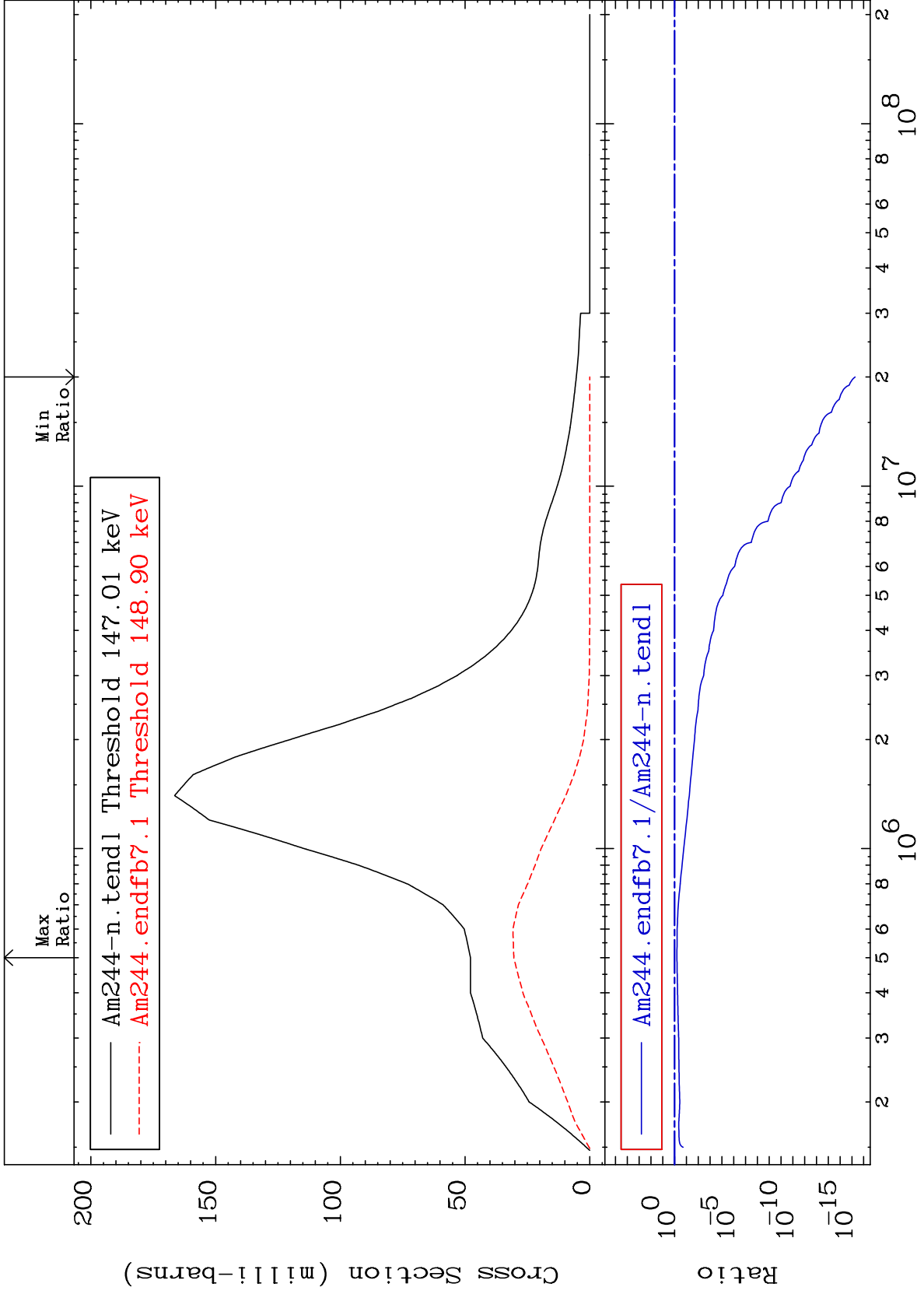
Incident Energy (eV)

95-Am-244

MAT 9552

146.4 keV (n,n') Level
Cross Section

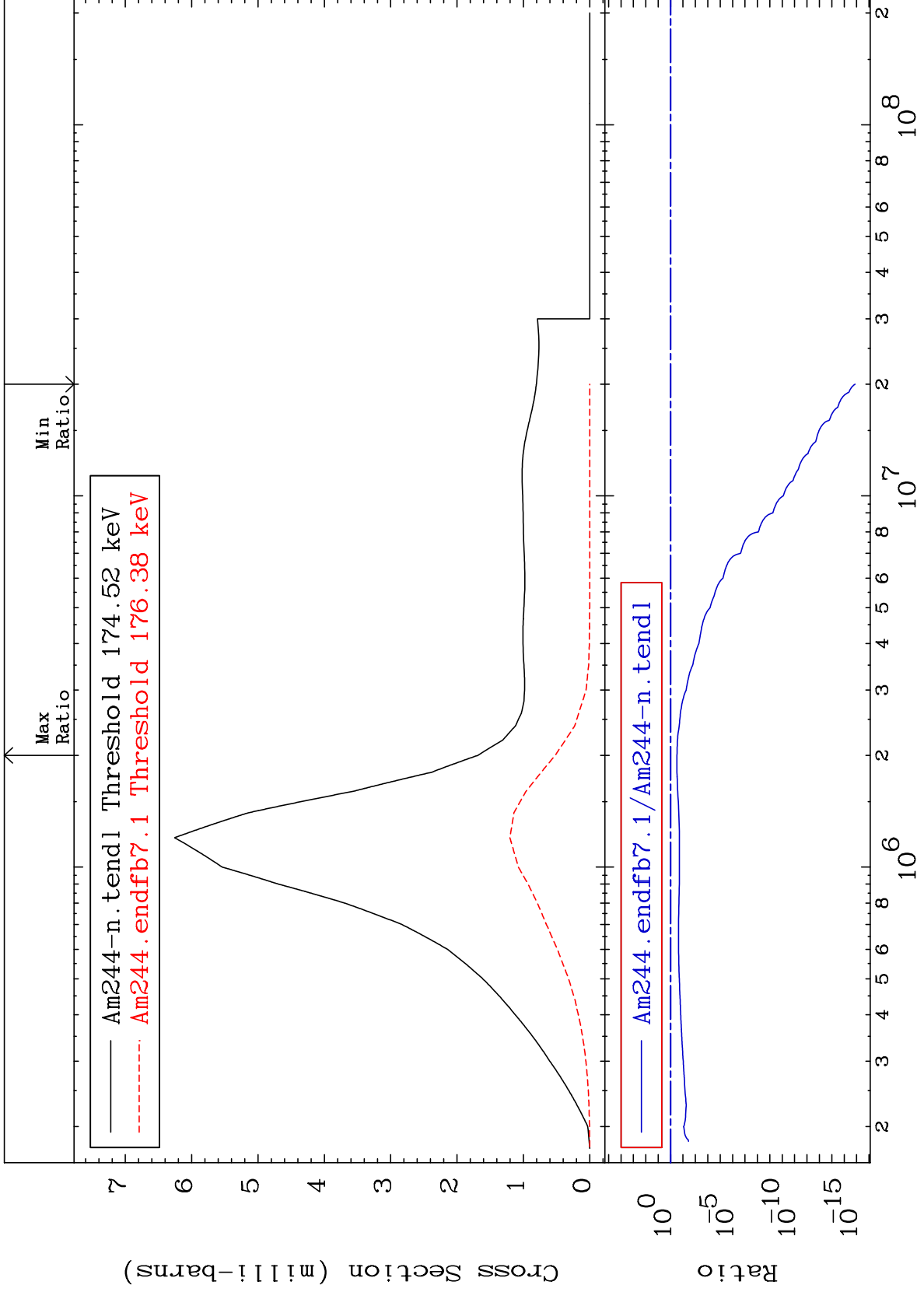
95-Am-244
-100.0 To -36.38%



MAT 9552

173.8 keV (n,n') Level
Cross Section

95-Am-244
-100.0 To -69.19%



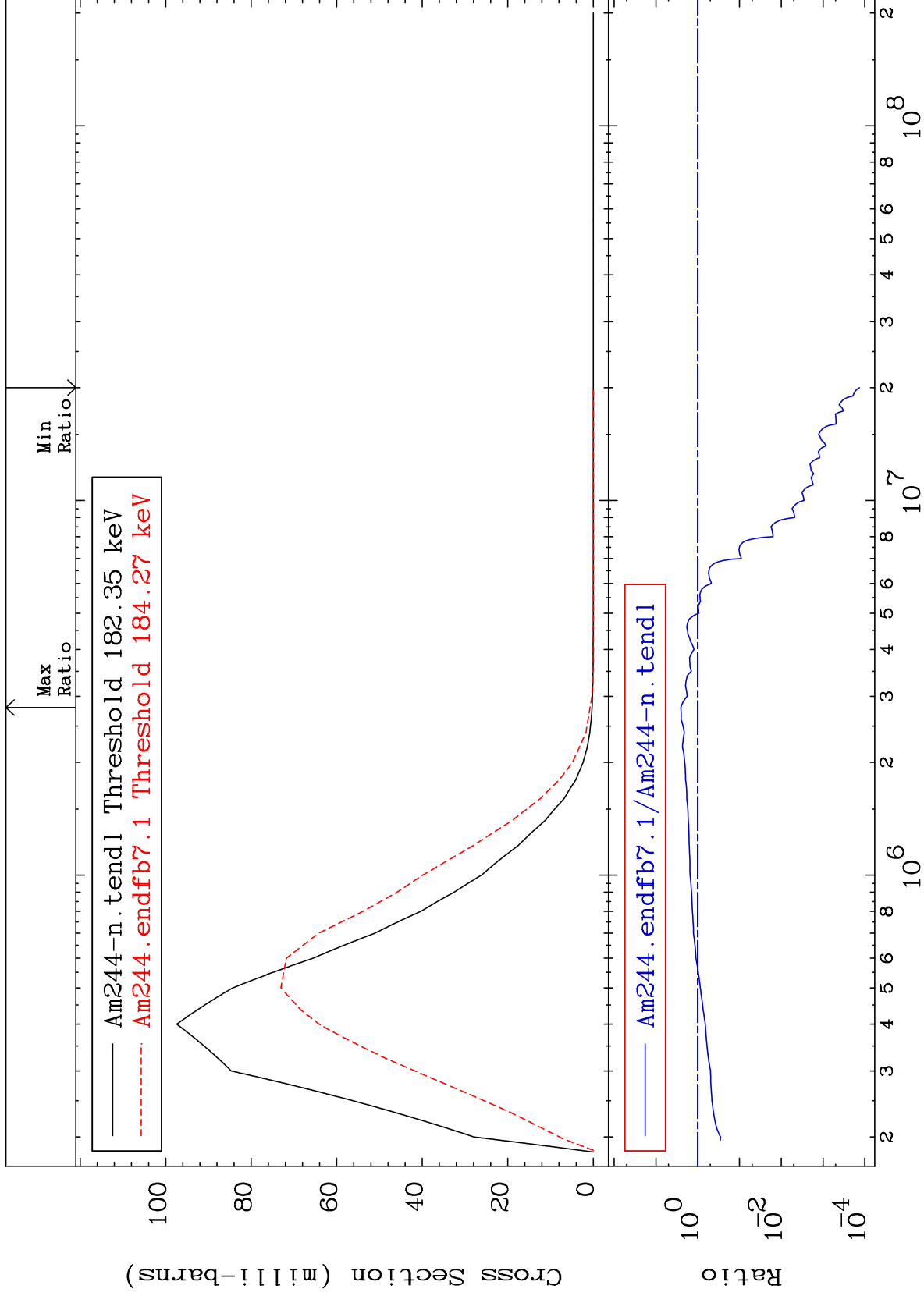
MAT 9552

181.6 keV (n,n') Level

95-Am-244

-99.99 To 153.9 %

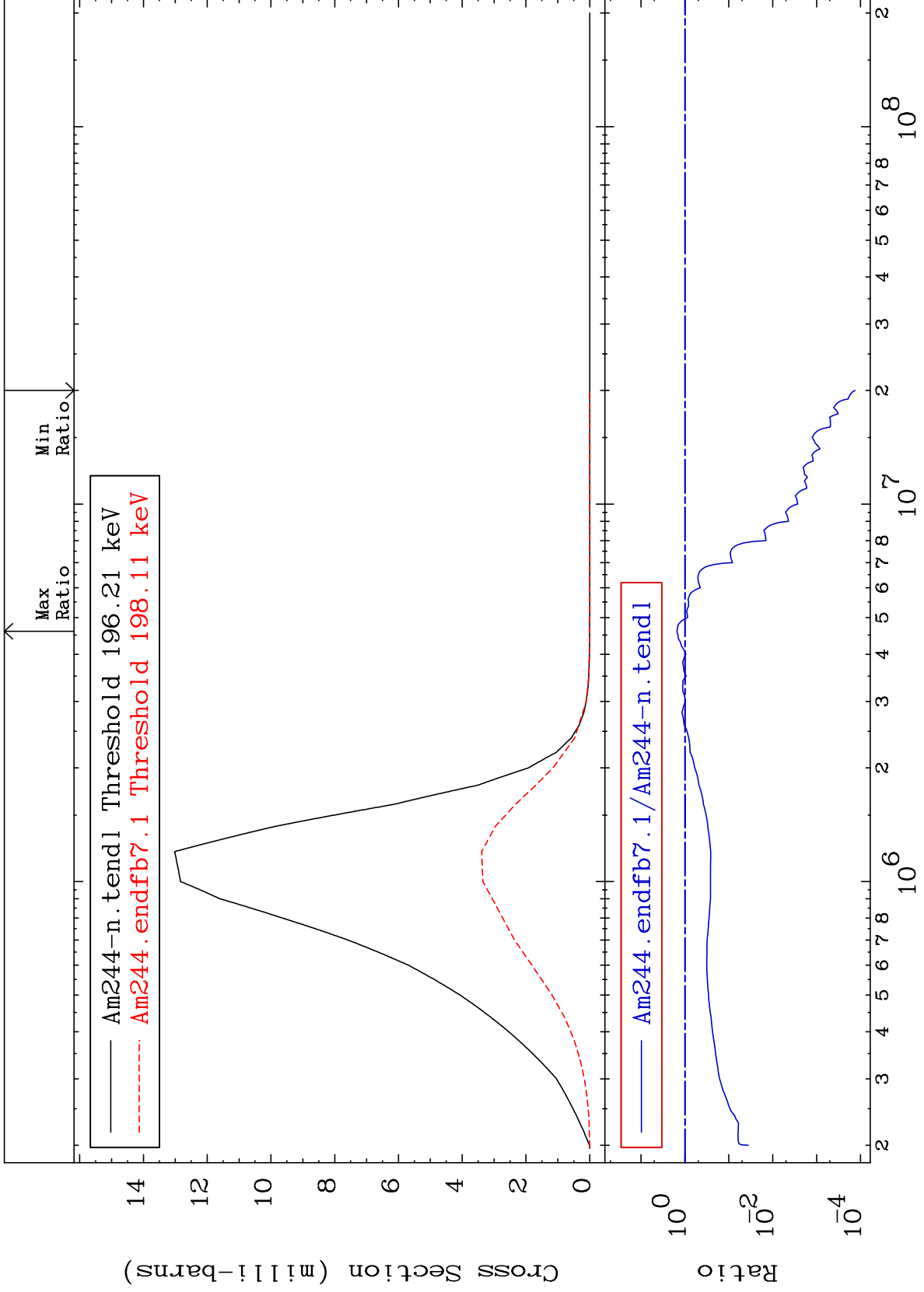
Cross Section



MAT 9552

195.4 keV (n,n') Level
Cross Section

95-Am-244
-99.99 To 52.41 %



14

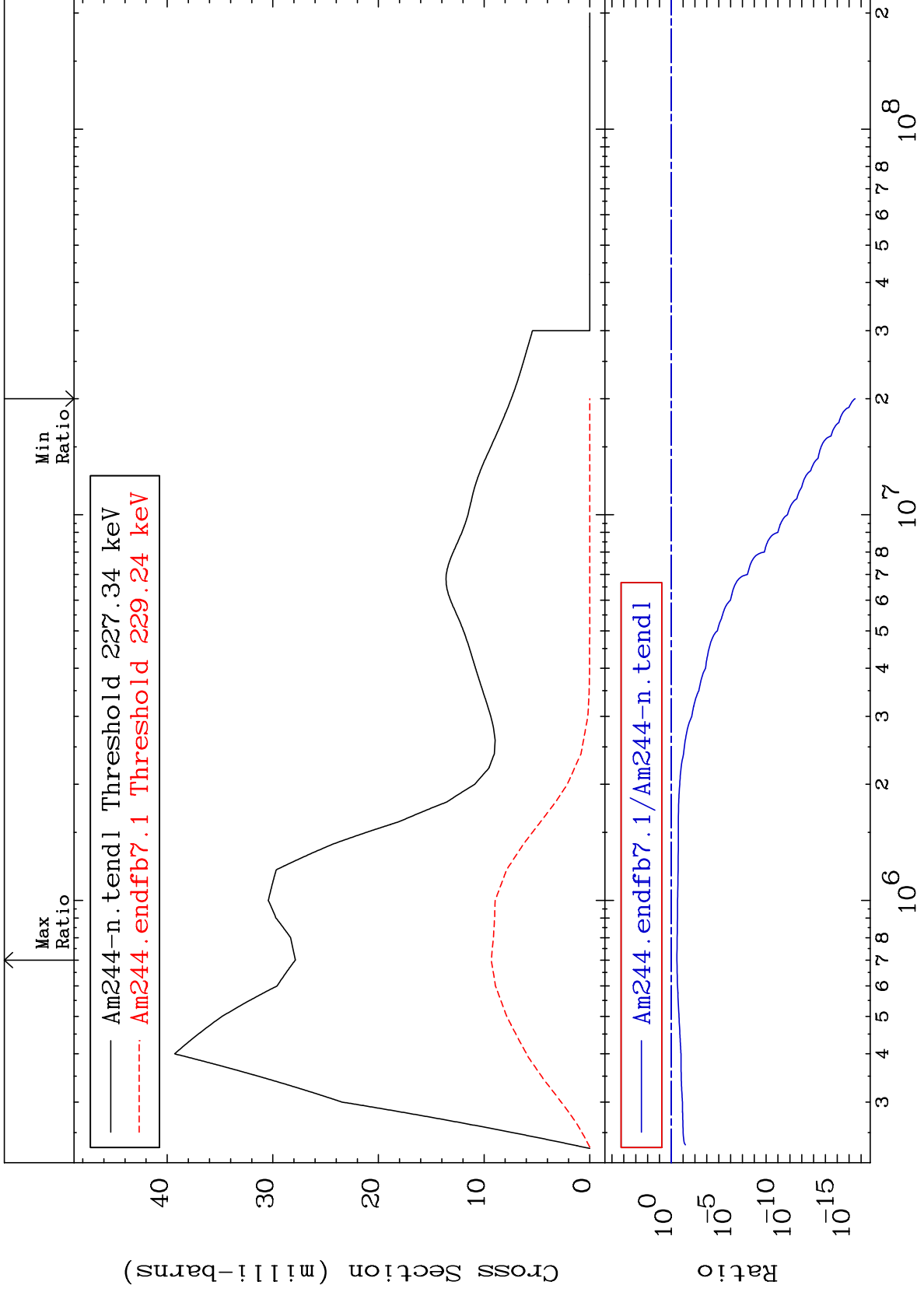
Incident Energy (eV)

95-Am-244

MAT 9552

226.4 keV (n,n') Level
Cross Section

95-Am-244
-100.0 To -66.57%



15

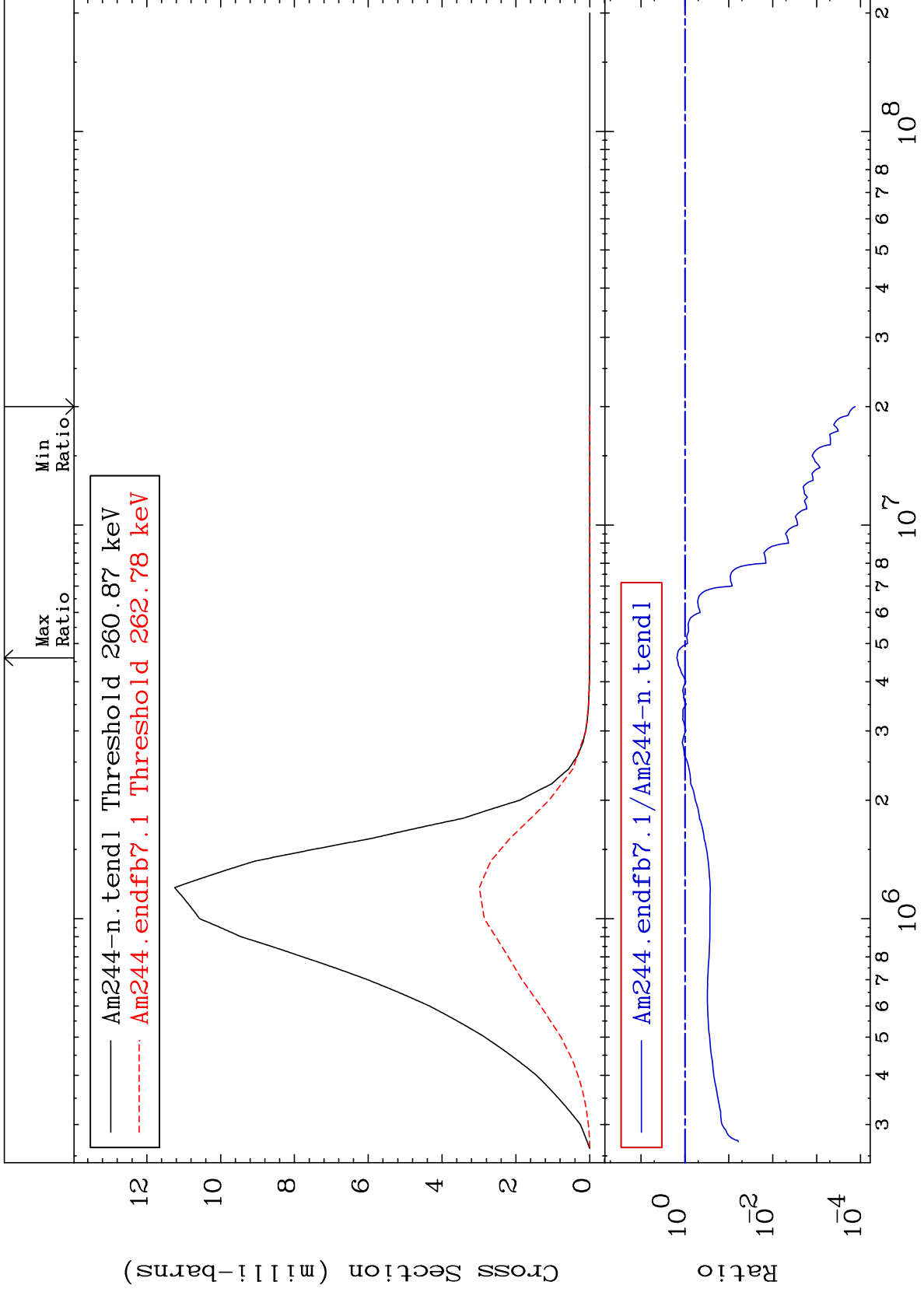
Incident Energy (eV)

95-Am-244

MAT 9552

259.8 keV (n,n') Level
Cross Section

95-Am-244
-99.99 To 52.24 %



16

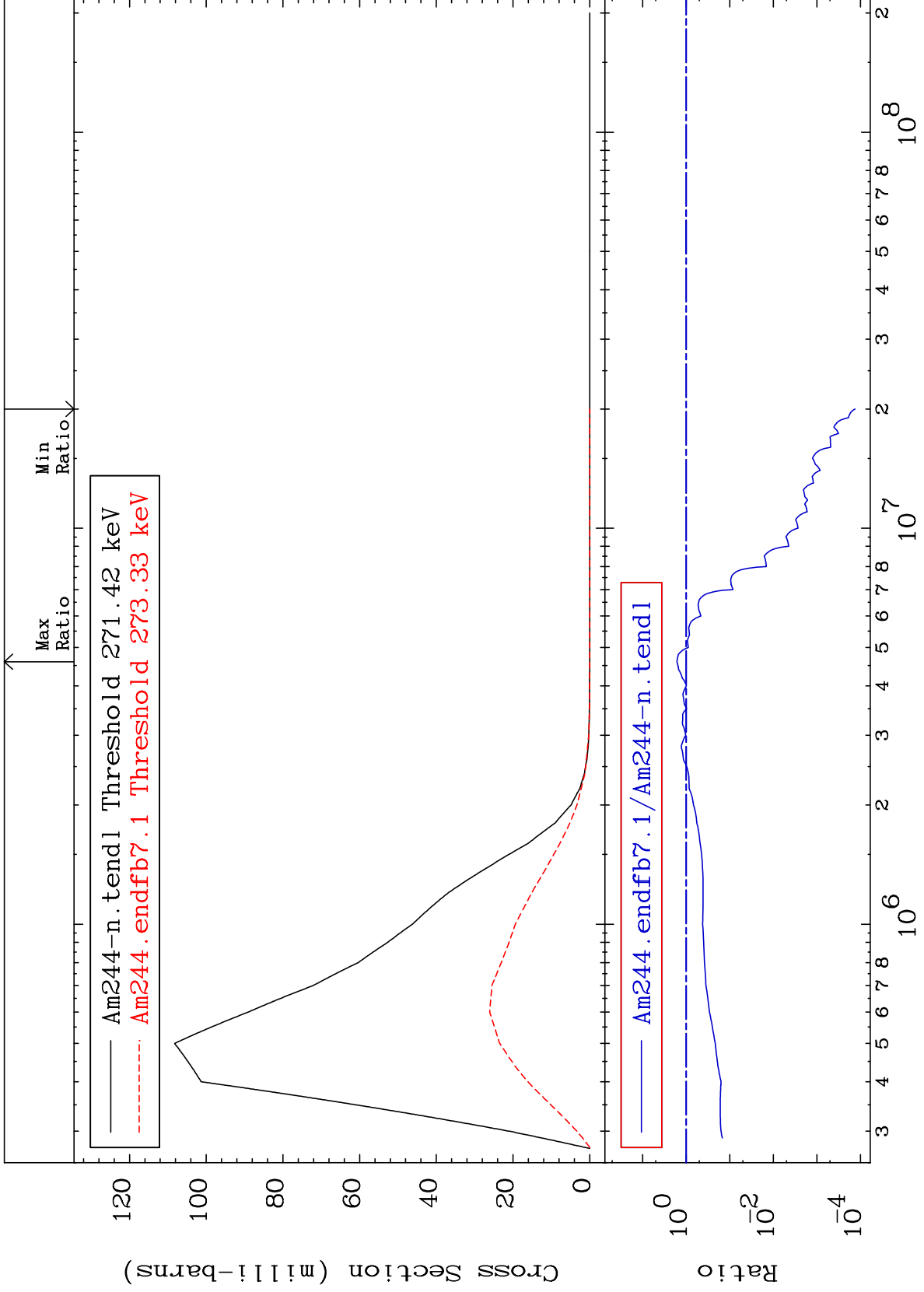
Incident Energy (eV)

95-Am-244

MAT 9552

270.3 keV (n,n') Level
Cross Section

95-Am-244
-99.99 To 63.83 %



17

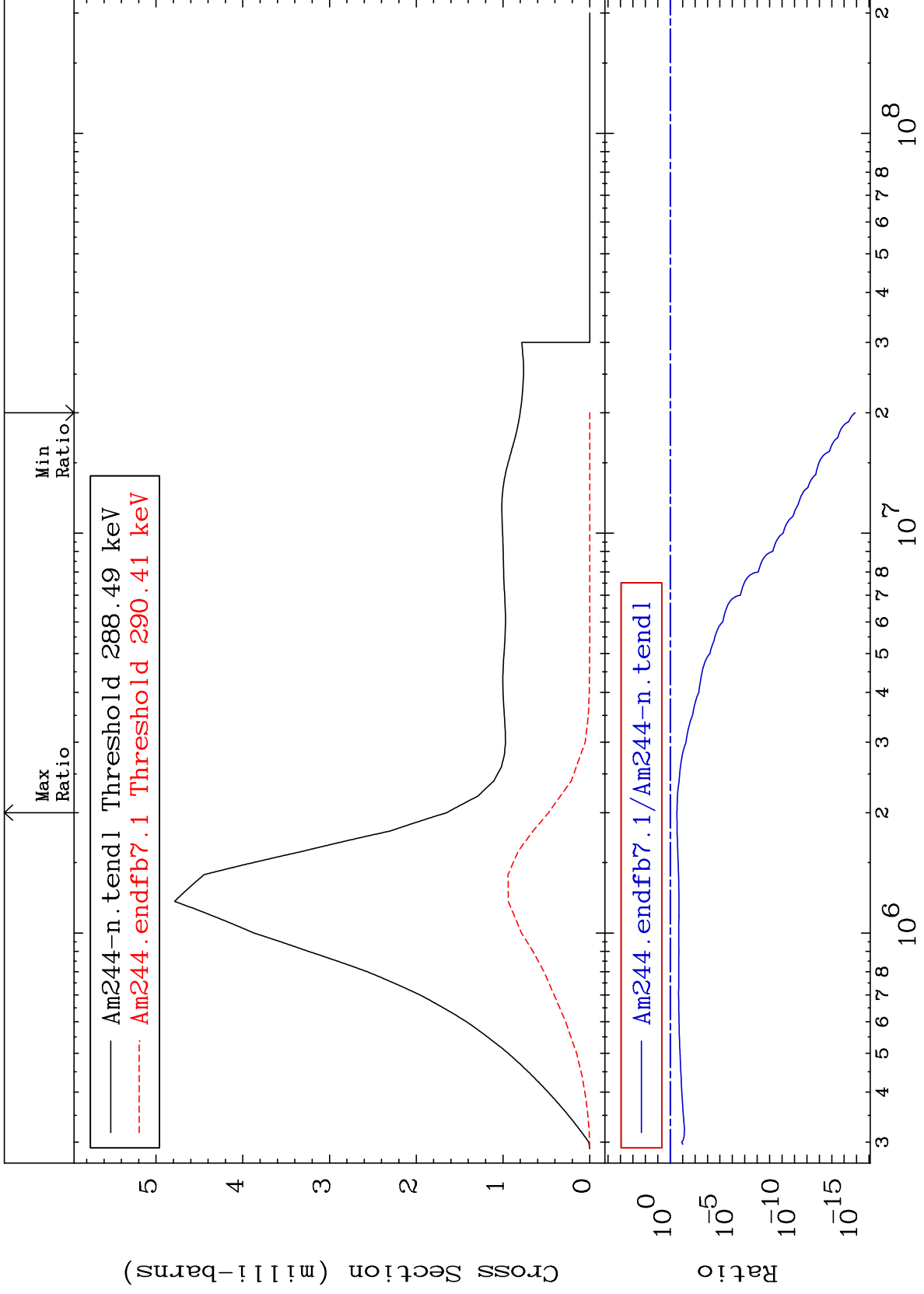
Incident Energy (eV)

95-Am-244

MAT 9552

287.3 keV (n,n') Level
Cross Section

95-Am-244
-100.0 To -71.19%



18

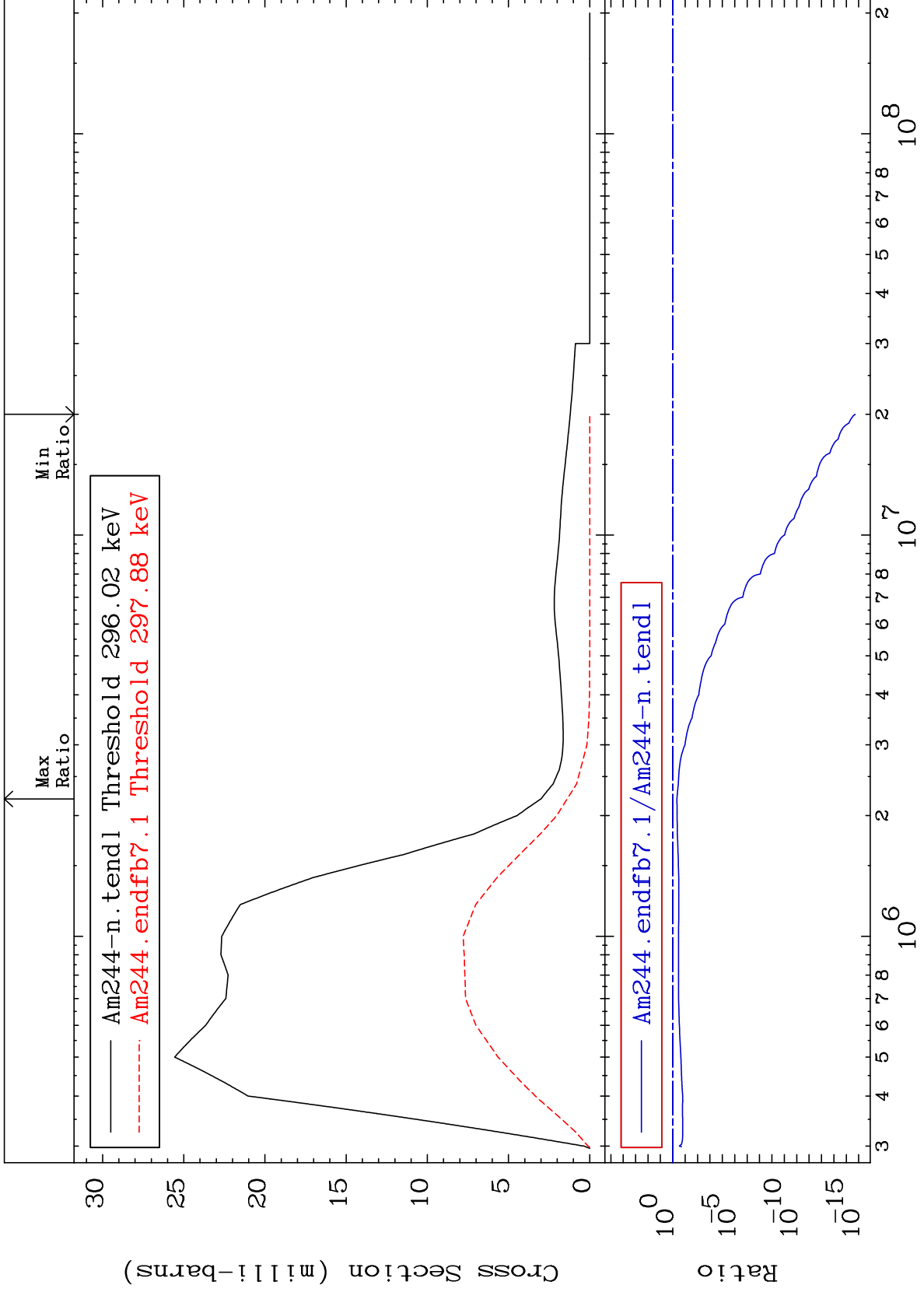
Incident Energy (eV)

95-Am-244

MAT 9552

294.8 keV (n,n') Level
Cross Section

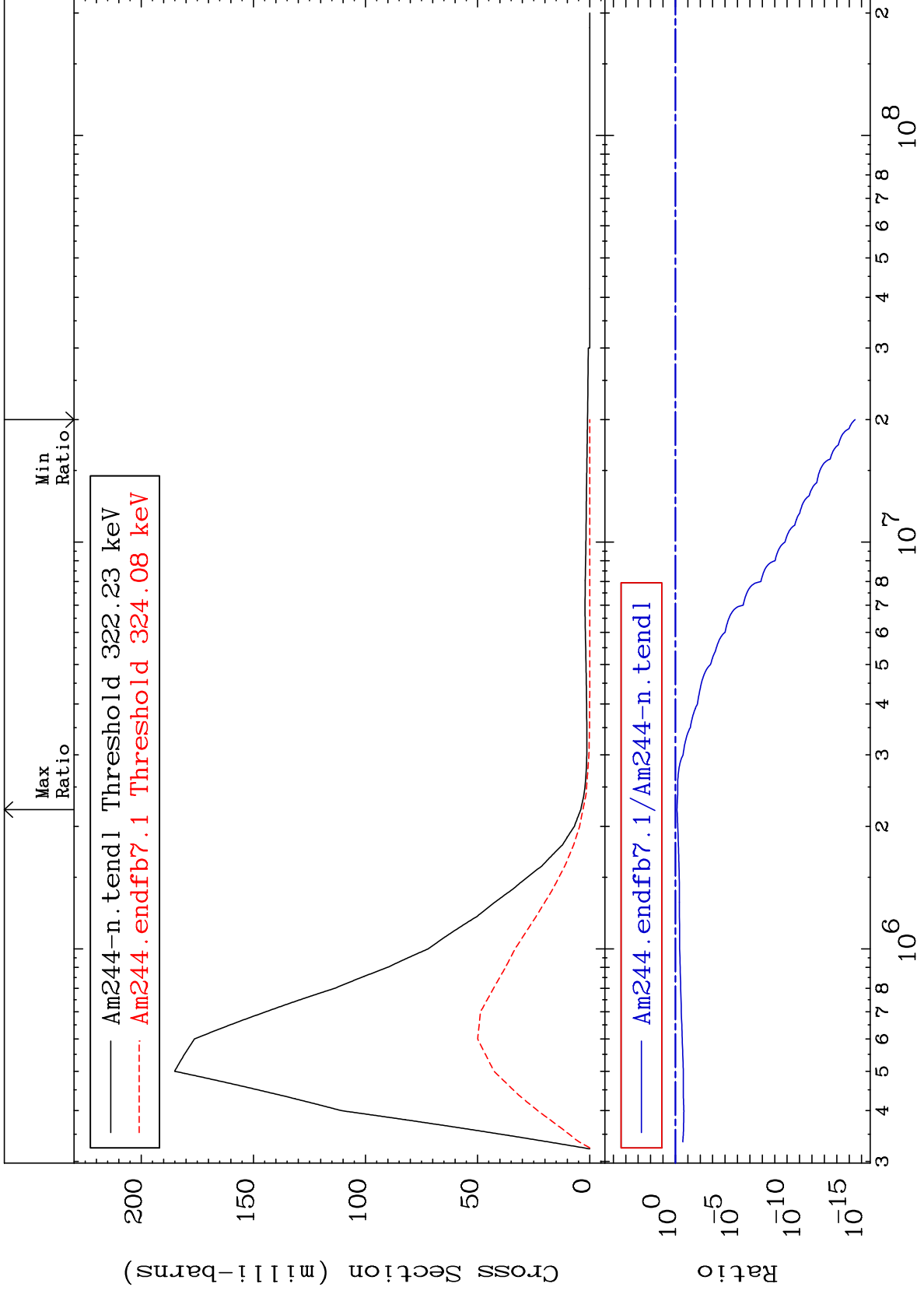
95-Am-244
-100.0 To -53.78%



MAT 9552

320.9 keV (n,n') Level
Cross Section

95-Am-244
-100.0 To -24.45%



20

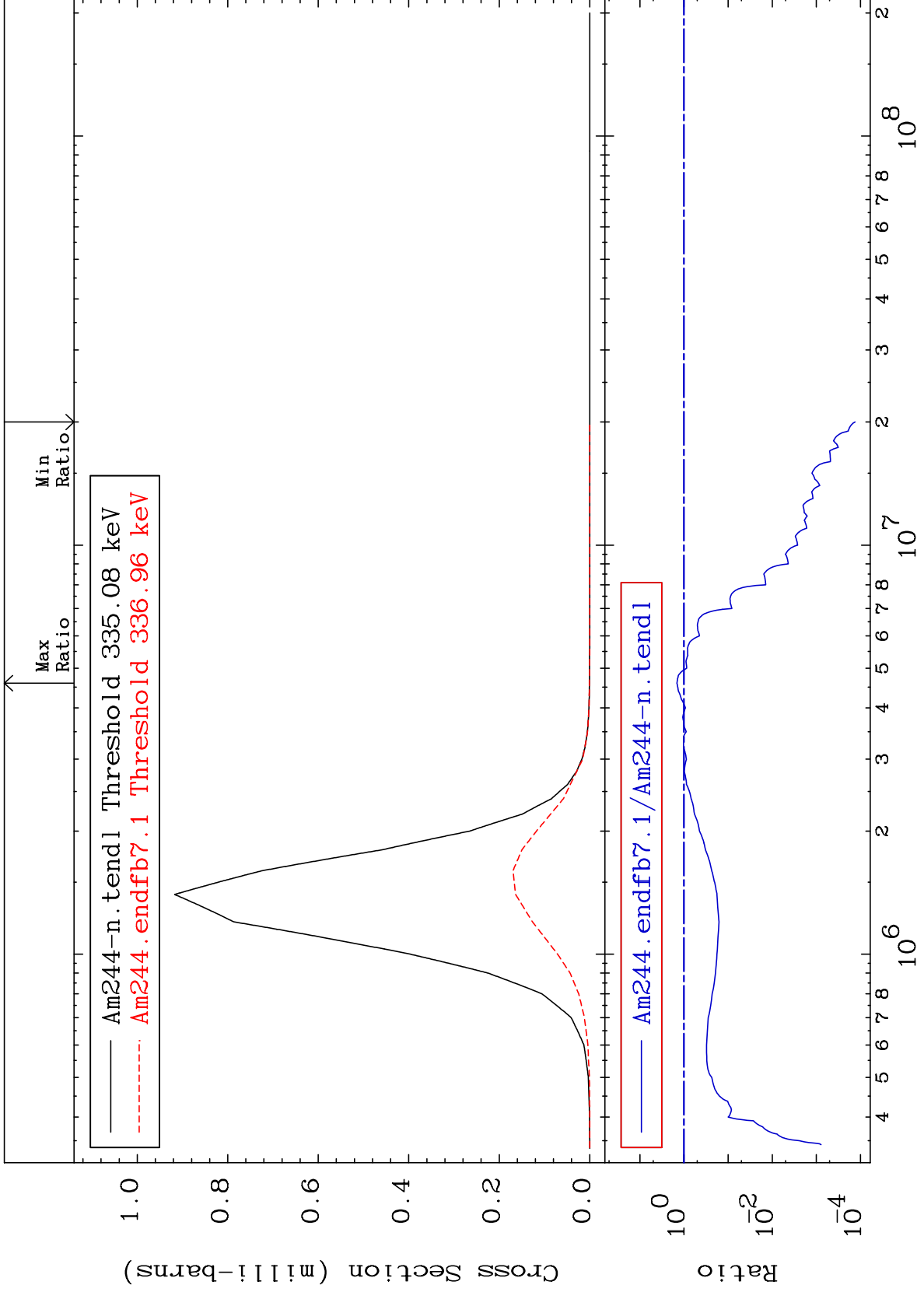
Incident Energy (eV)

95-Am-244

MAT 9552

333.7 keV (n,n') Level
Cross Section

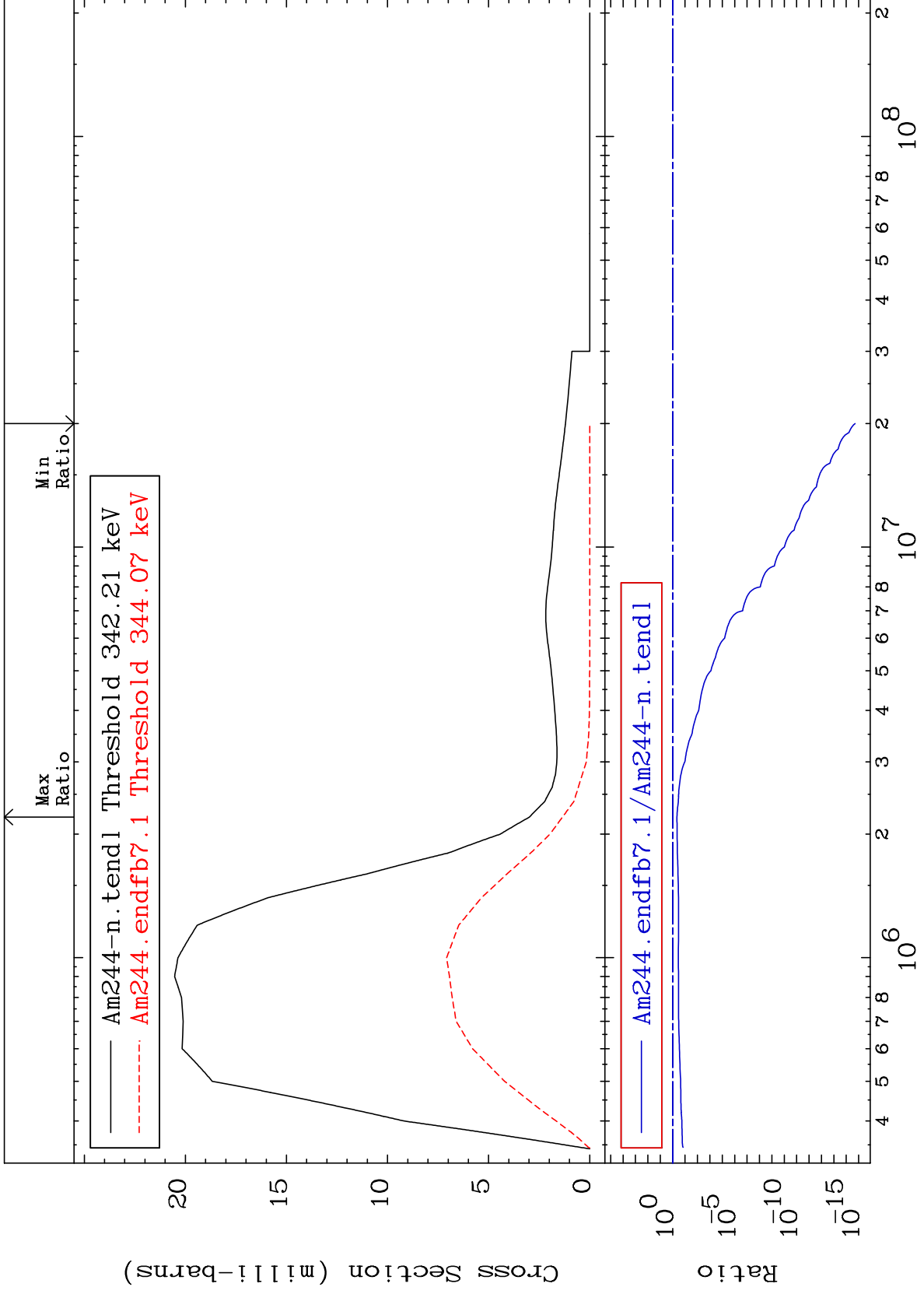
95-Am-244
-99.99 To 44.56 %



MAT 9552

340.8 keV (n,n') Level
Cross Section

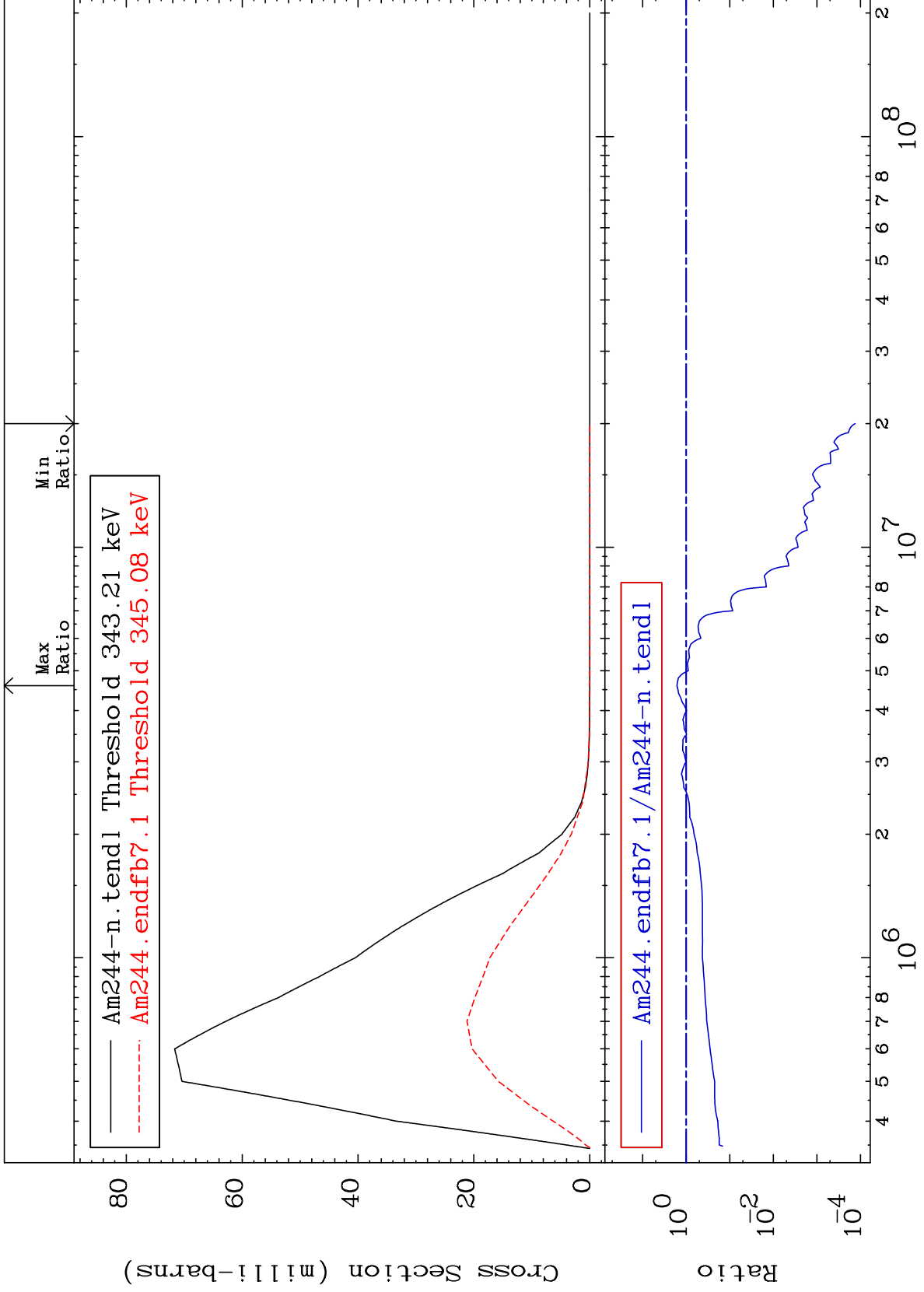
95-Am-244
-100.0 To -54.77%



MAT 9552

341.8 keV (n,n') Level
Cross Section

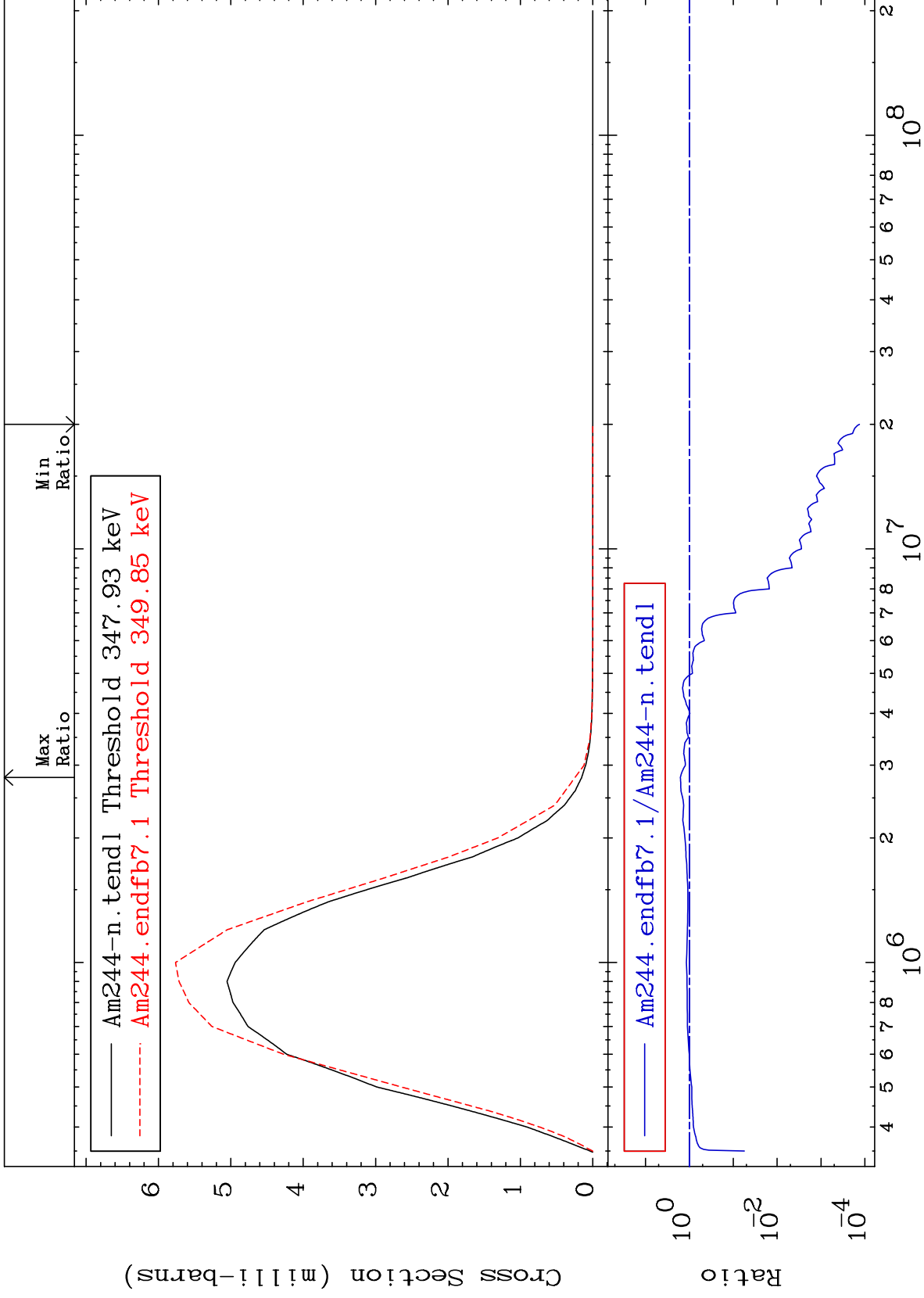
95-Am-244
-99.99 To 63.76 %



MAT 9552

346.5 keV (n,n') Level
Cross Section

95-Am-244
-99.99 To 60.66 %



24

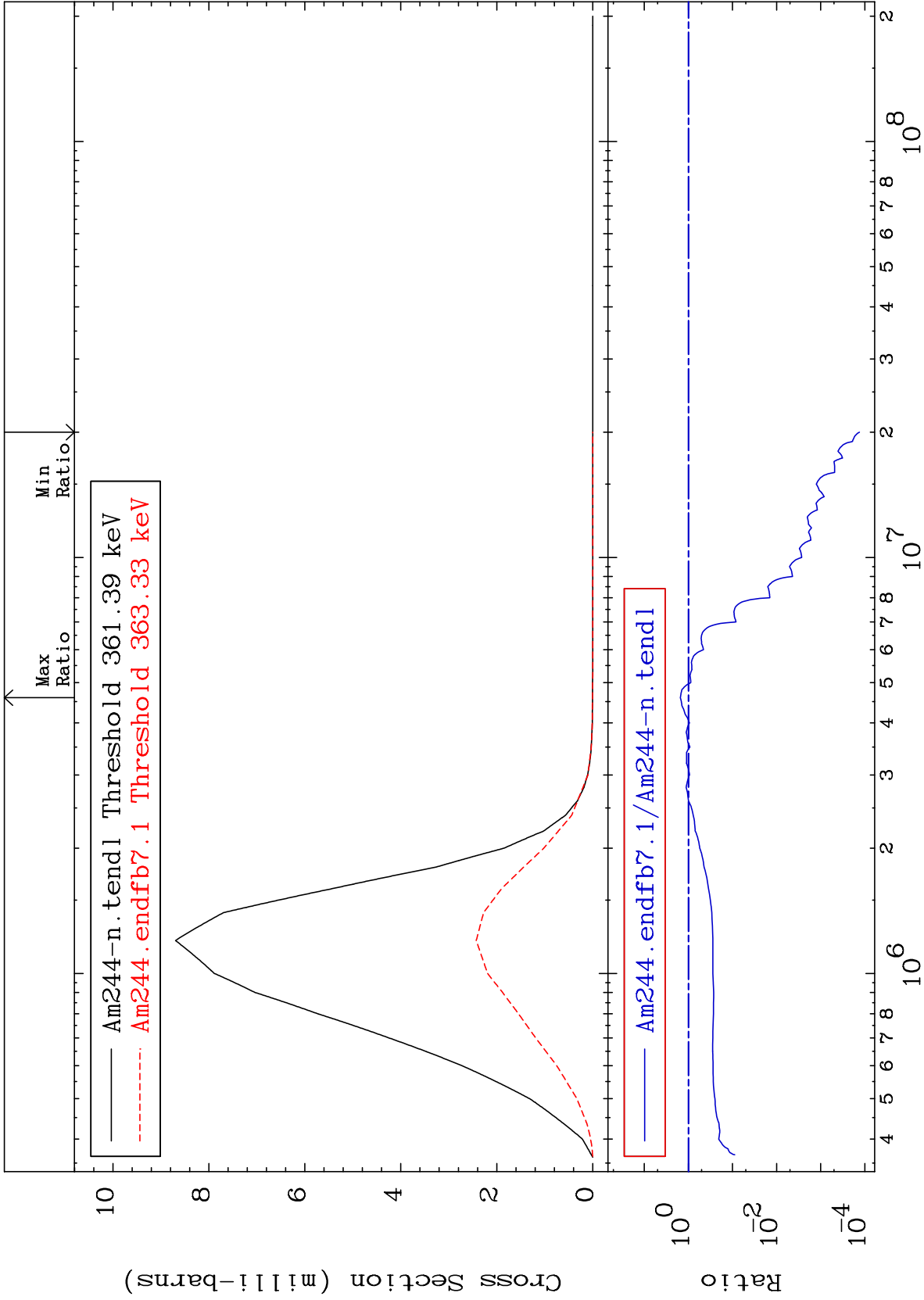
Incident Energy (eV)

95-Am-244

MAT 9552

359.9 keV (n,n') Level
Cross Section

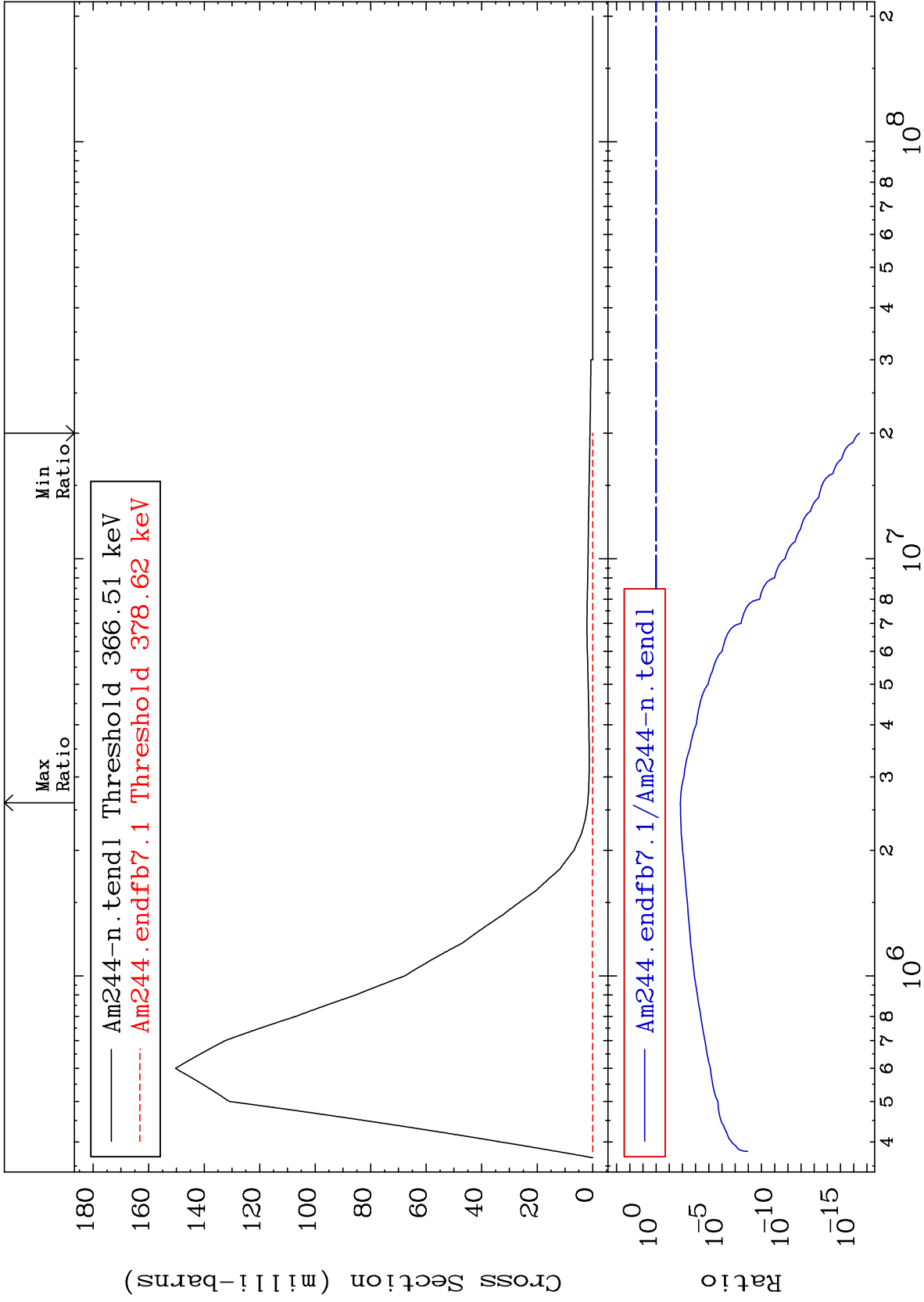
95-Am-244
-99.99 To 51.91 %



MAT 9552

365.0 keV (n,n') Level
Cross Section

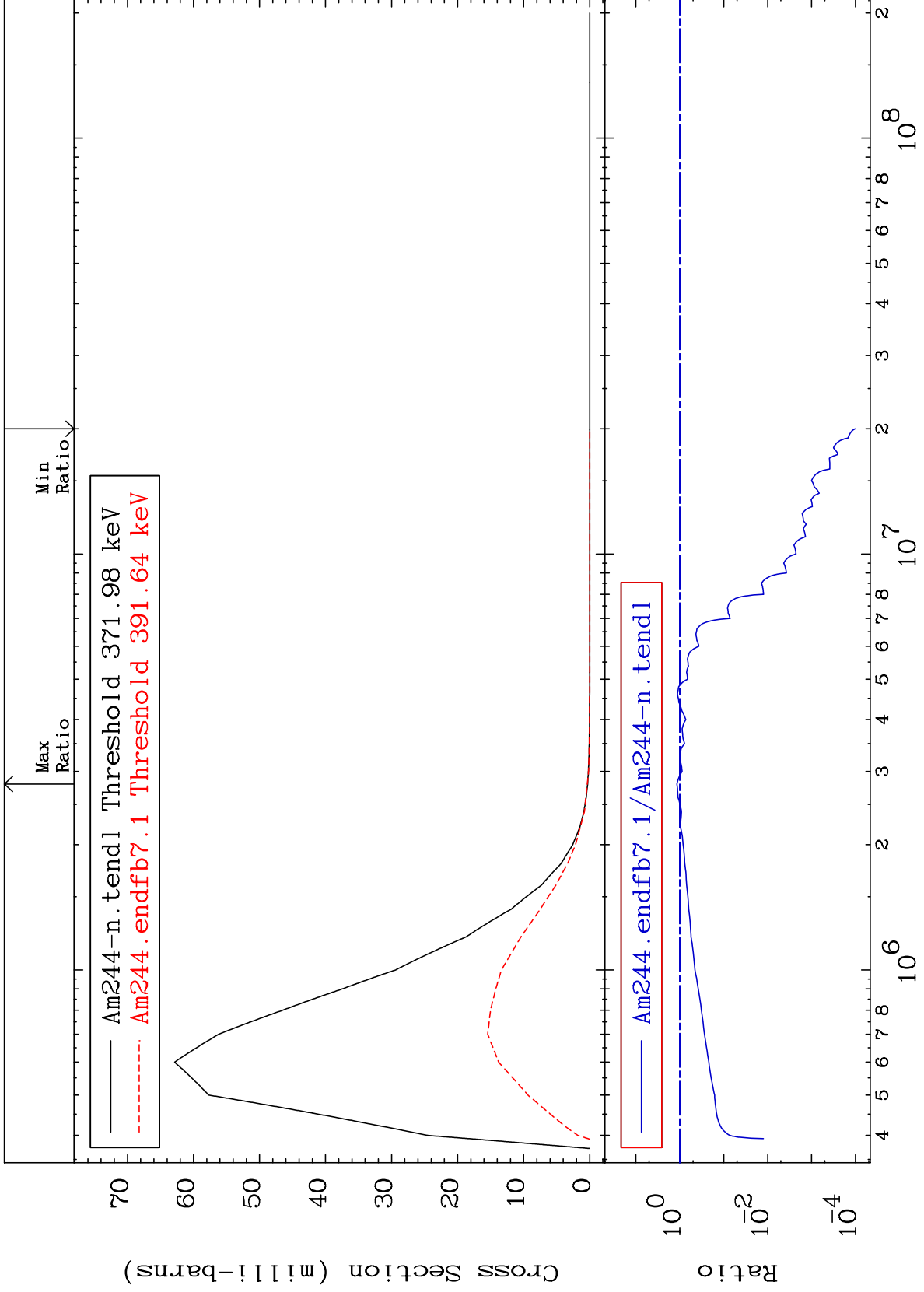
95-Am-244
-100.0 To -98.56%



MAT 9552

370.5 keV (n,n') Level
Cross Section

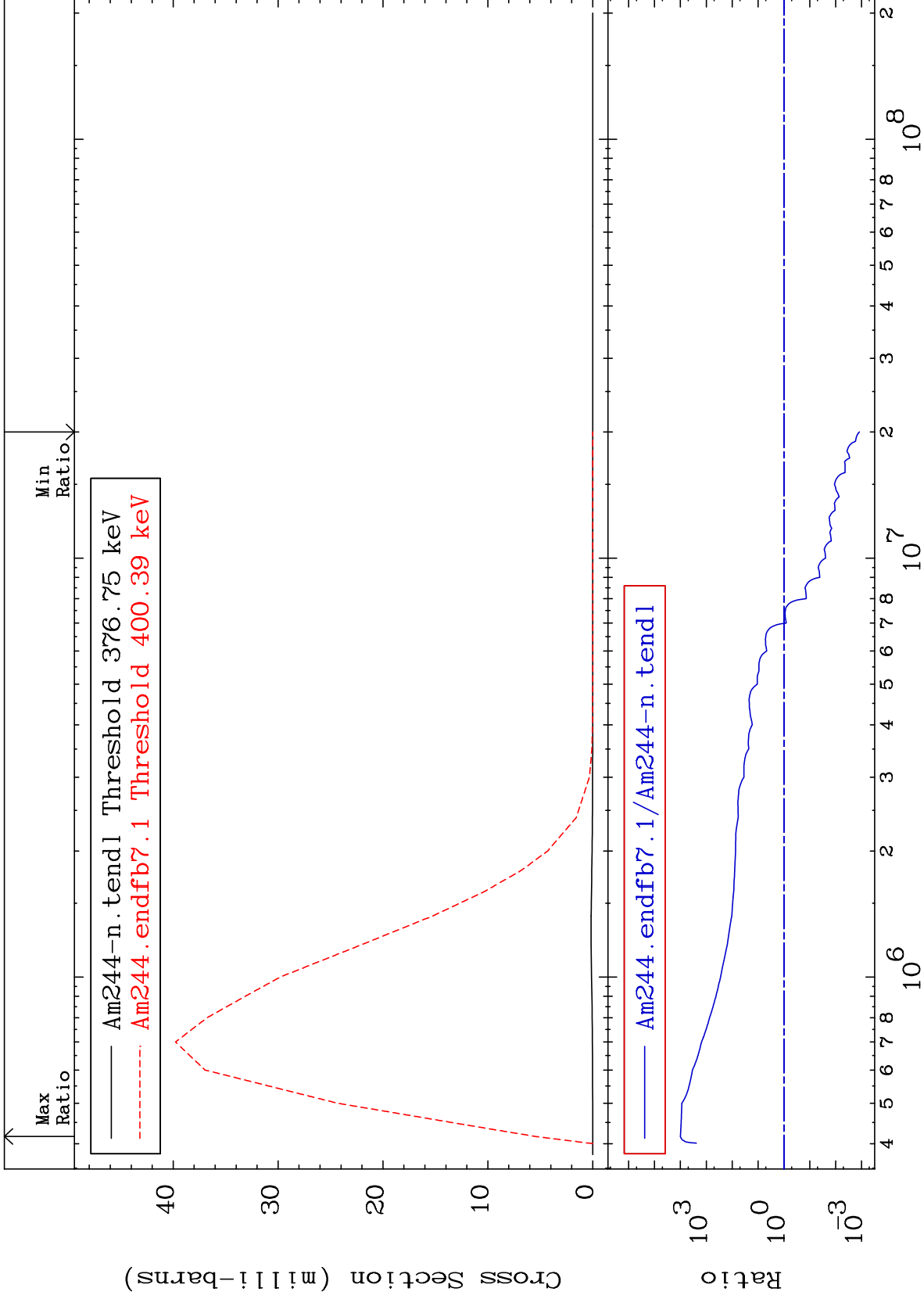
95-Am-244
-99.99 To 16.26 %



MAT 9552

375.2 keV (n,n') Level
Cross Section

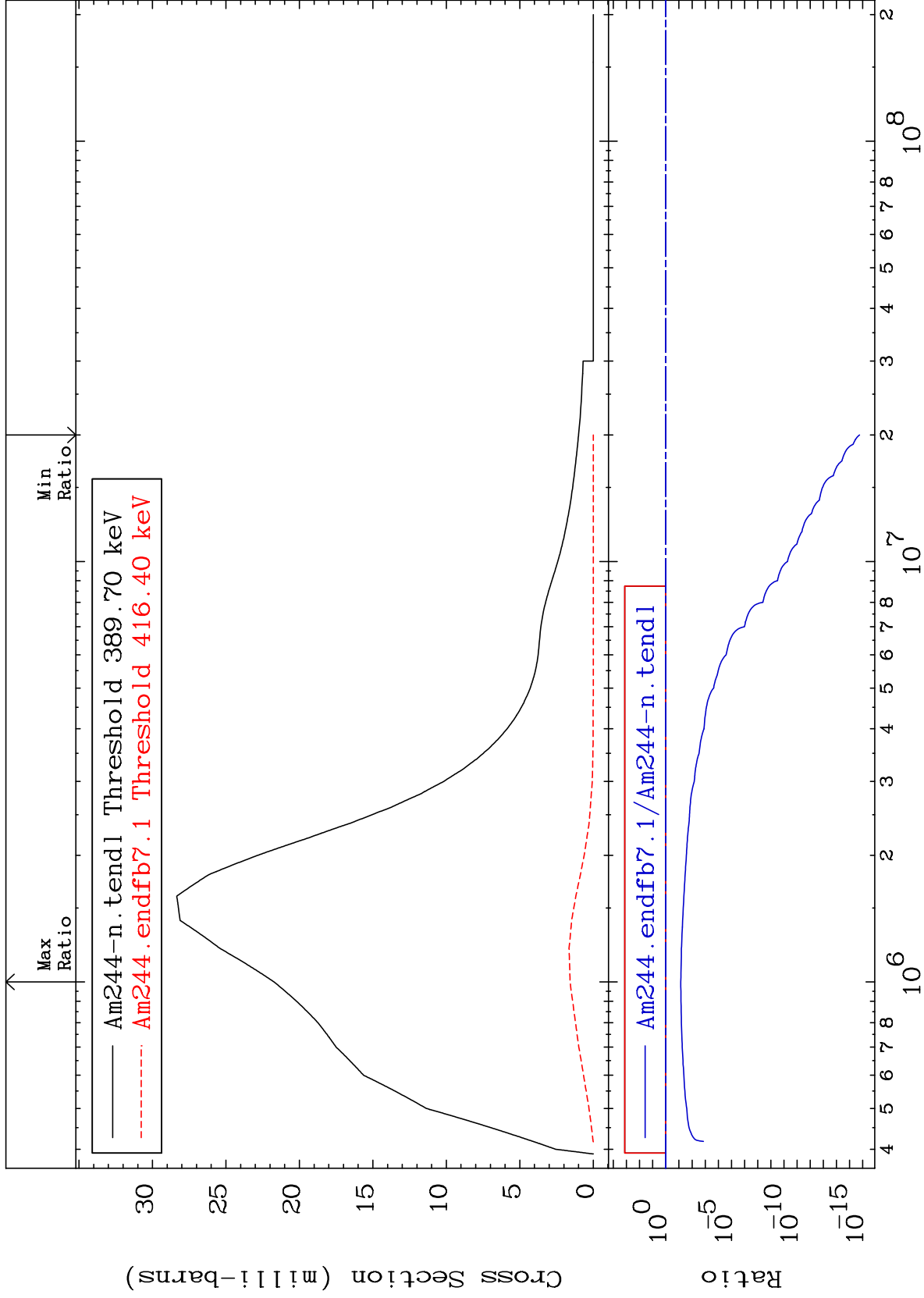
95-Am-244
-99.88 To 9999. %



MAT 9552

388.1 keV (n,n') Level
Cross Section

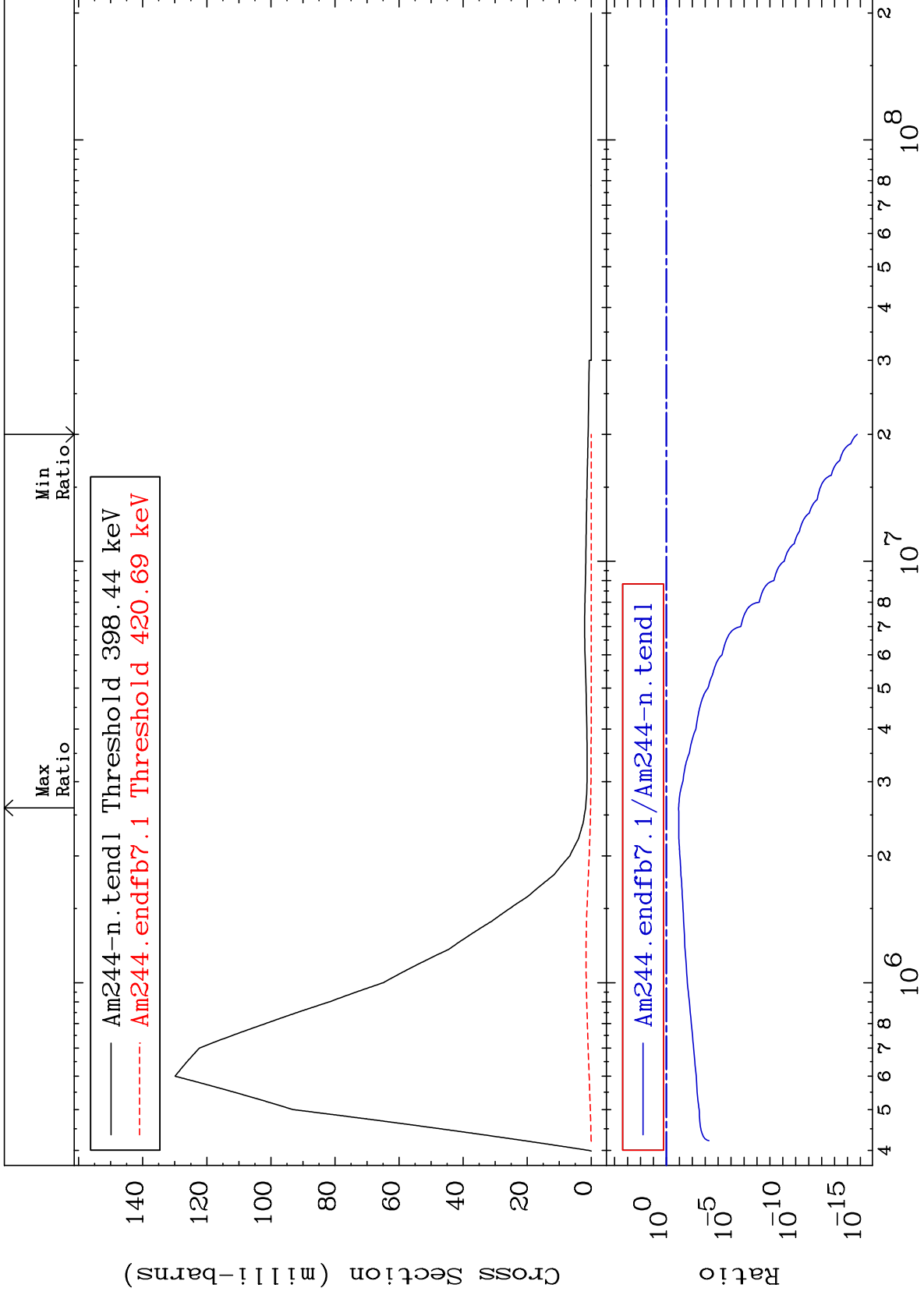
95-Am-244
-100.0 To -92.73%



MAT 9552

396.8 keV (n,n') Level
Cross Section

95-Am-244
-100.0 To -88.70%



30

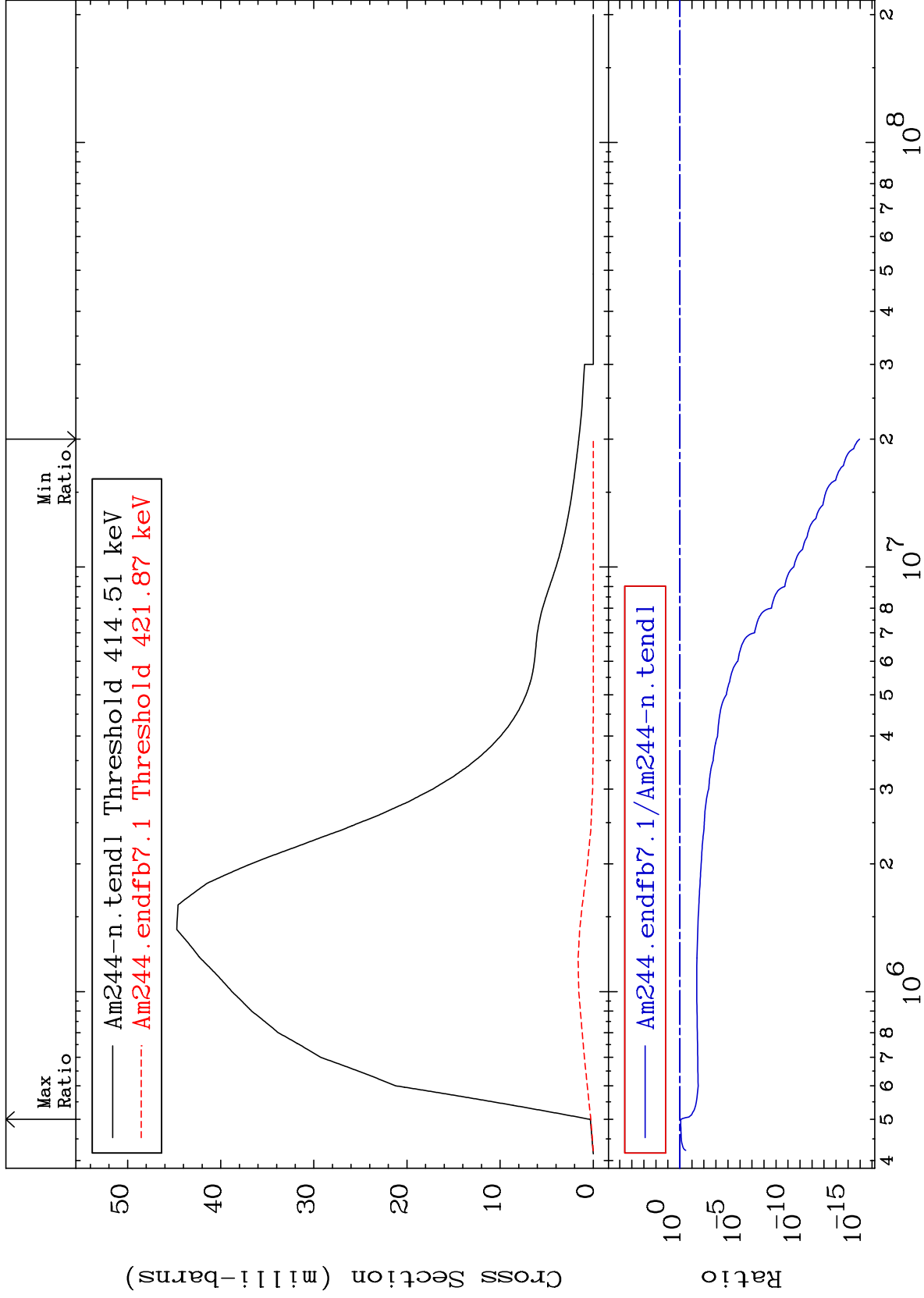
Incident Energy (eV)

95-Am-244

MAT 9552

412.8 keV (n,n') Level
Cross Section

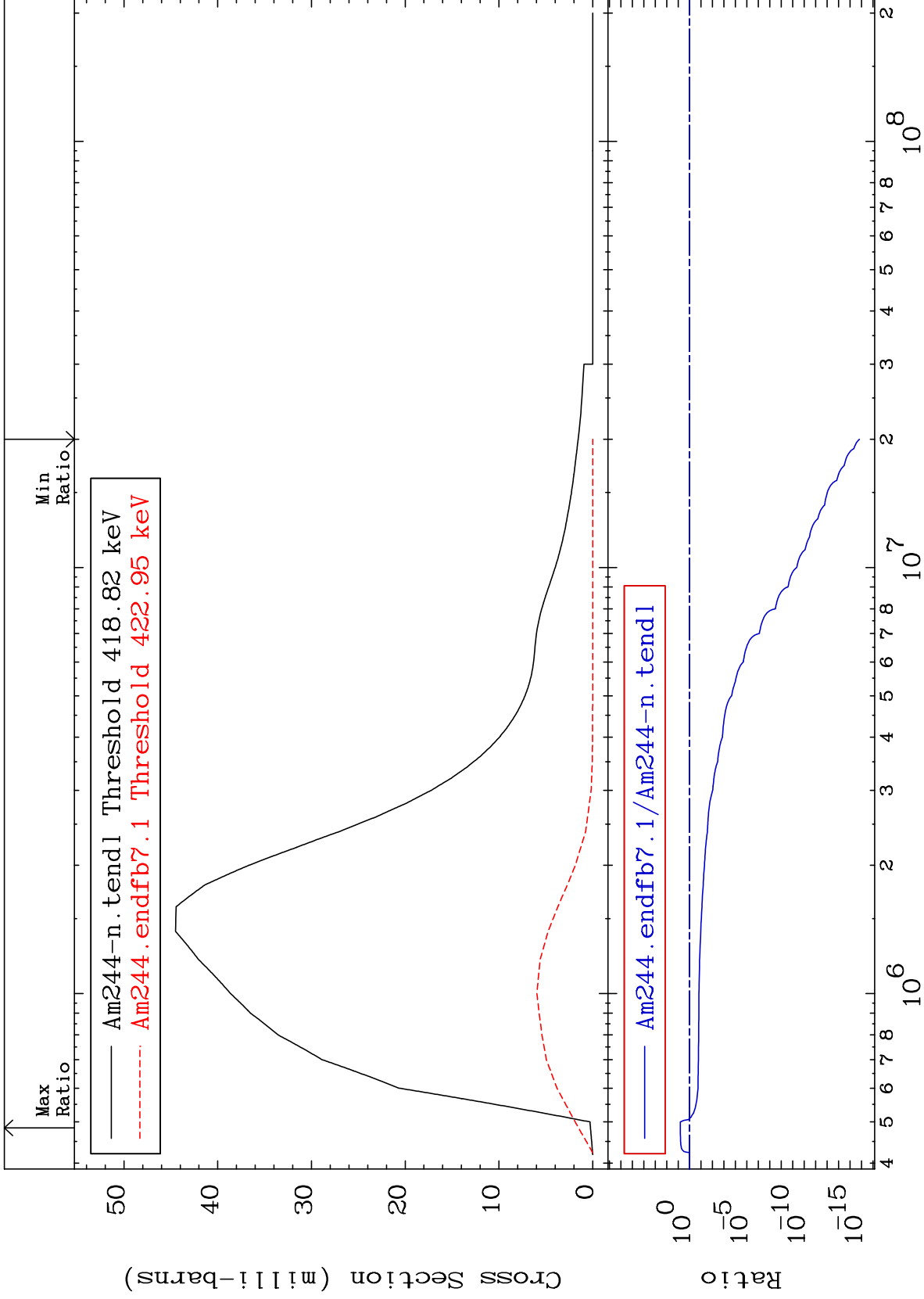
95-Am-244
-100.0 To -15.64%



MAT 9552

417.1 keV (n,n') Level
Cross Section

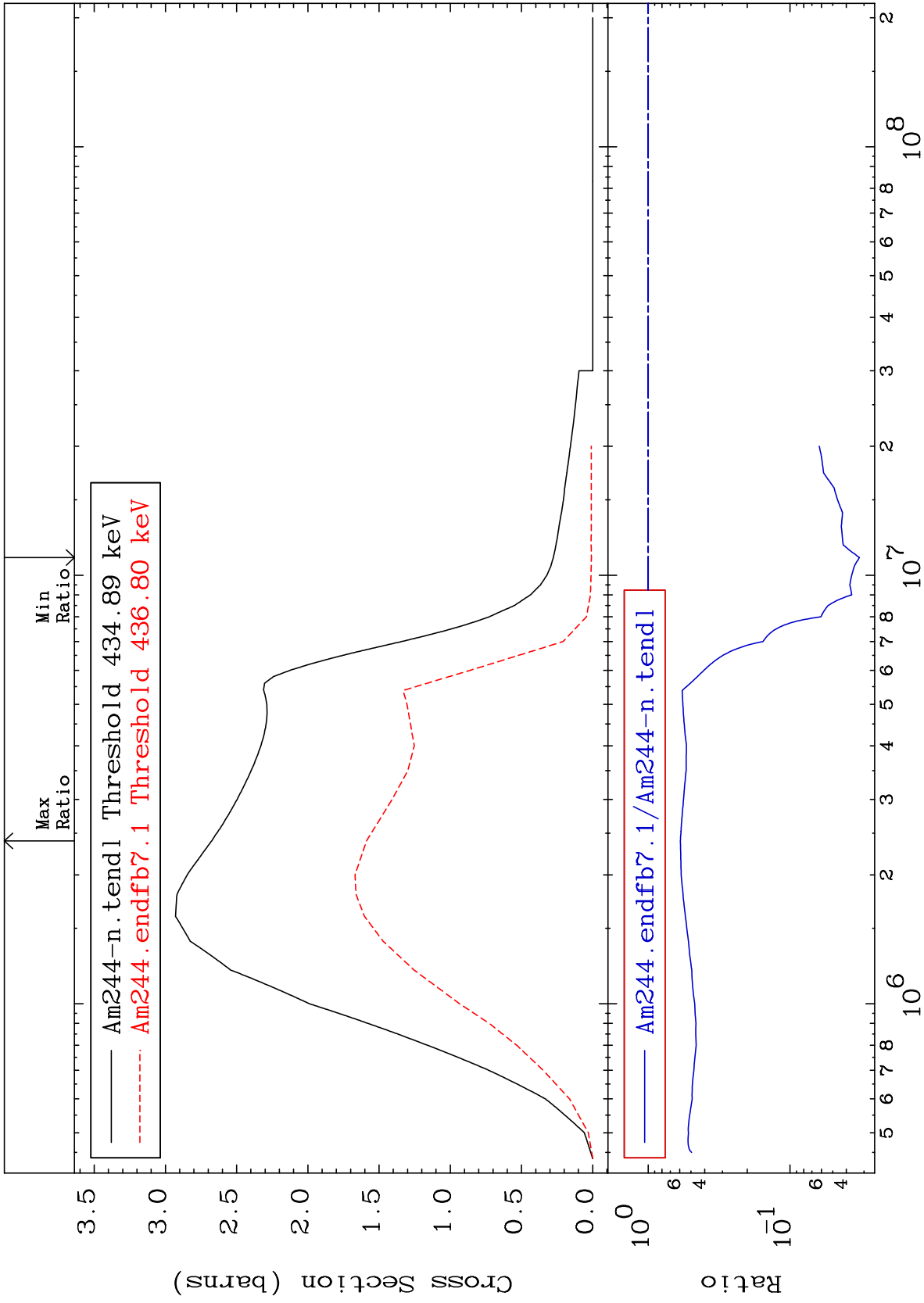
95-Am-244
-100.0 To 538.9 %



MAT 9552

(n, n') Continuum
Cross Section

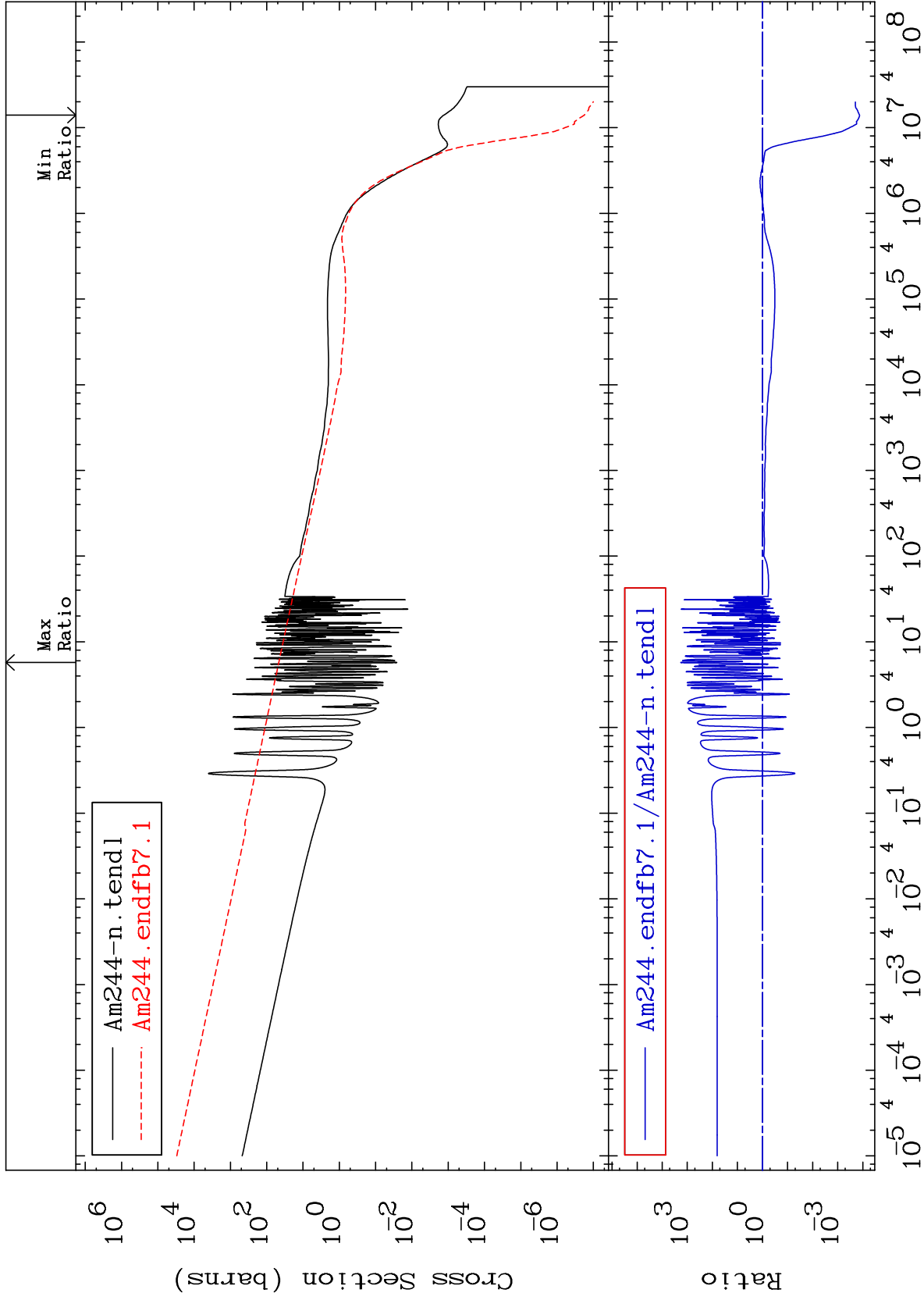
95-Am-244
-96.76 To -40.63%



MAT 9552

(n, γ)
Cross Section

95-Am-244
-99.99 To 9999. %



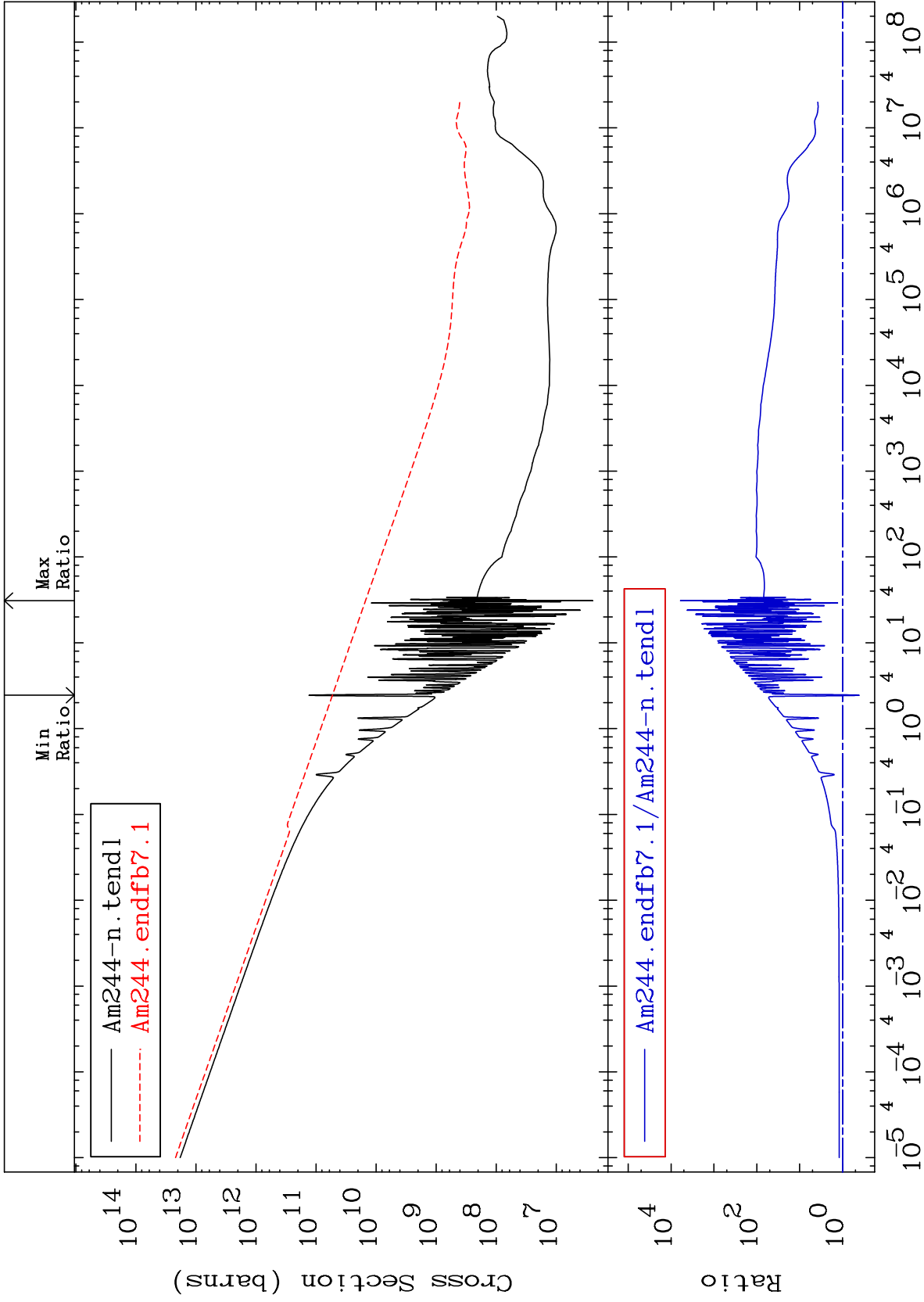
MAT 9552

Kerma total (eV-barns)

95-Am-244

-59.76 To 9999. %

Cross Section



35

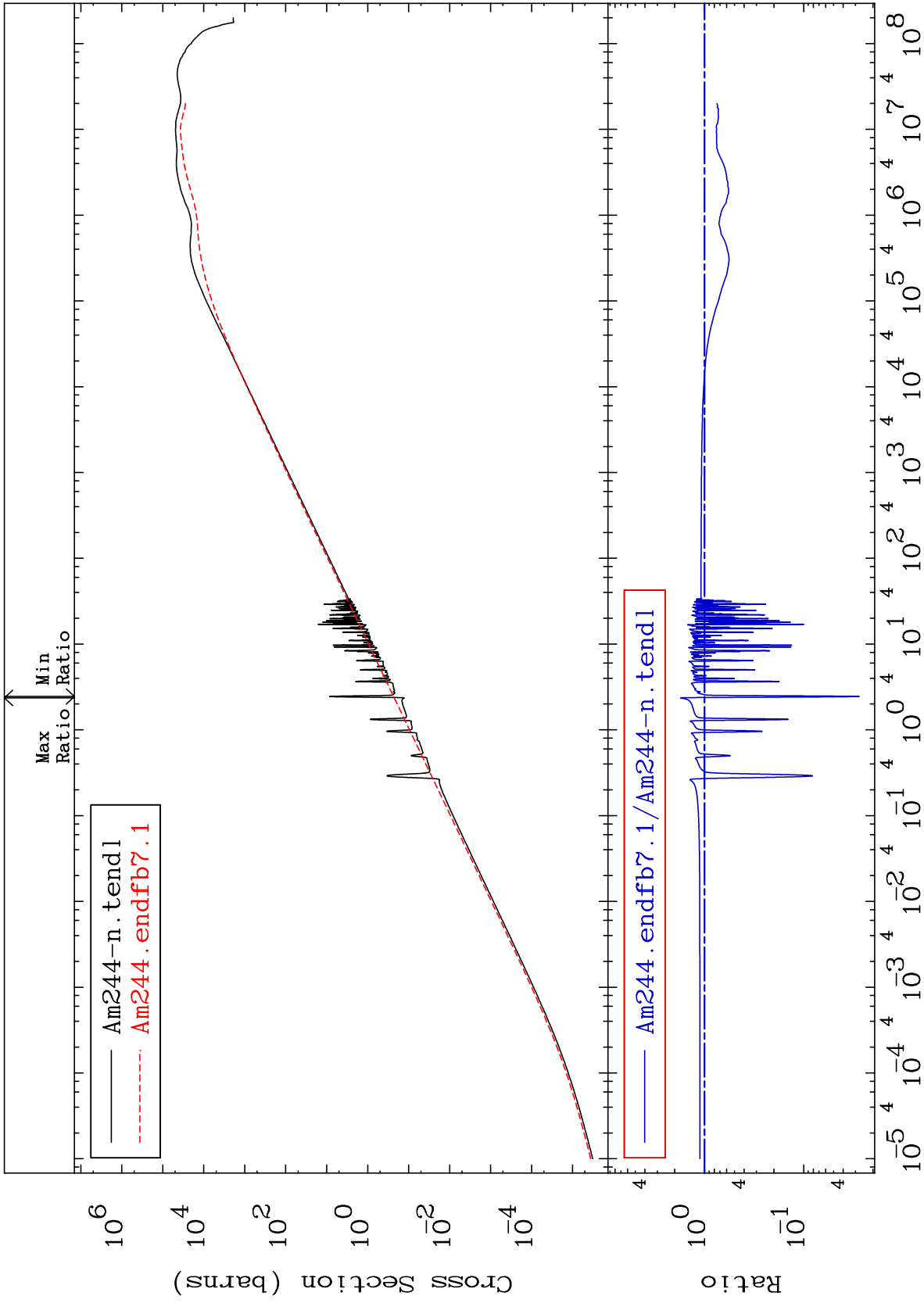
Incident Energy (eV)

95-Am-244

MAT 9552

Kerma elastic
Cross Section

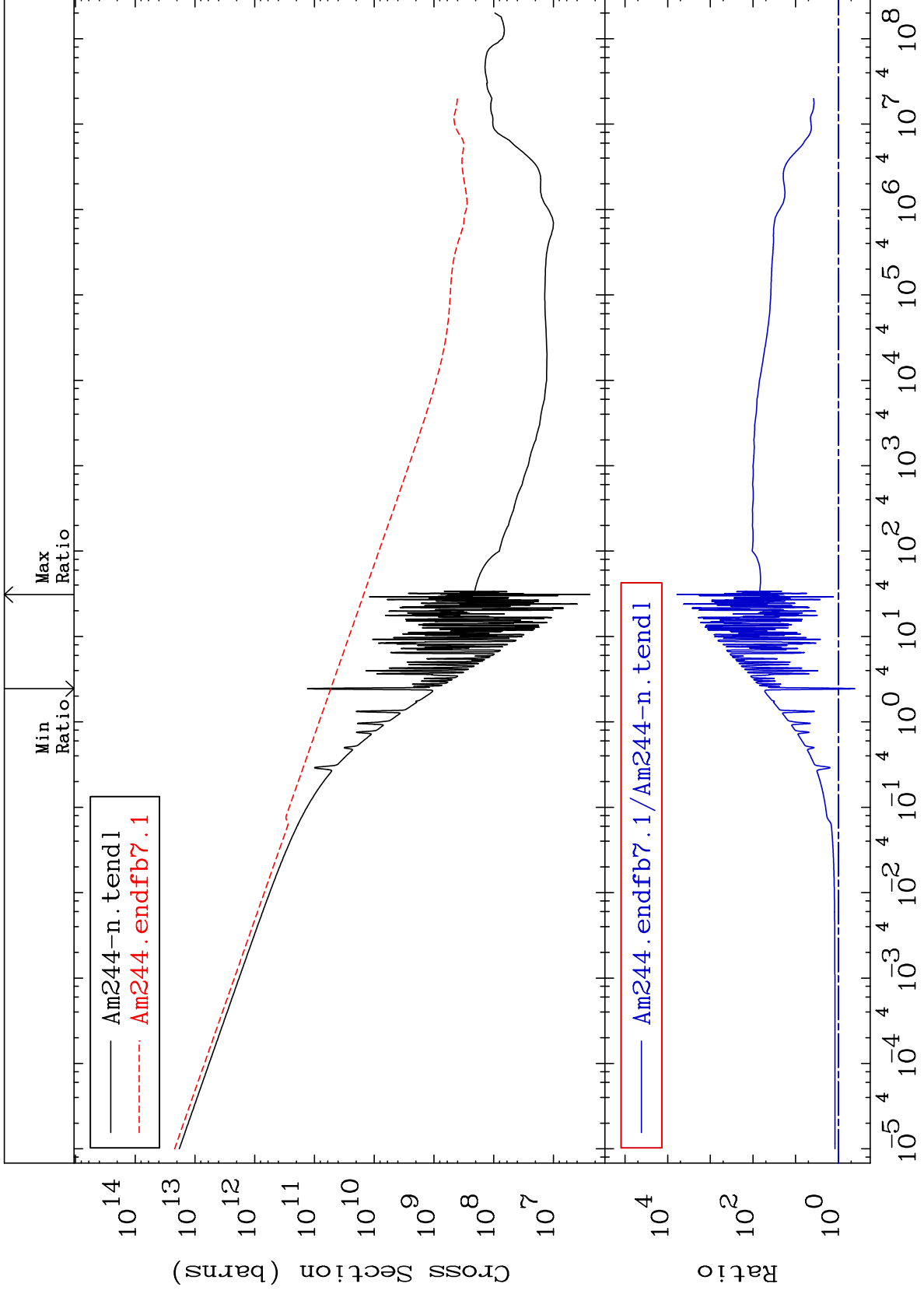
95-Am-244
-97.26 To 75.68 %



MAT 9552

Kerma non-elastic (all but mt2)
Cross Section

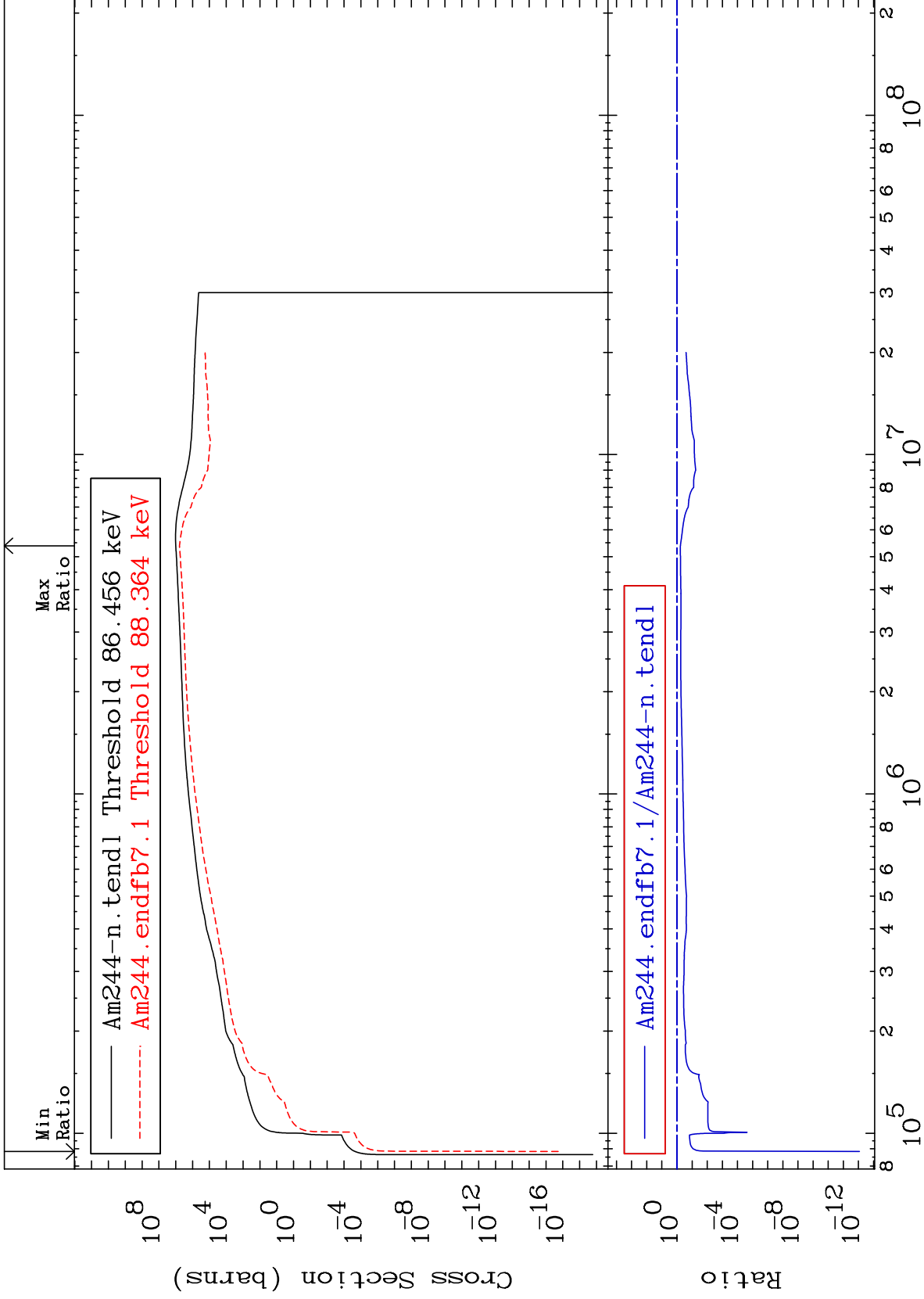
95-Am-244
-59.76 To 9999. %



MAT 9552

Kerma inelastic (mt51-91)
Cross Section

95-Am-244
-100.0 To -40.29%



38

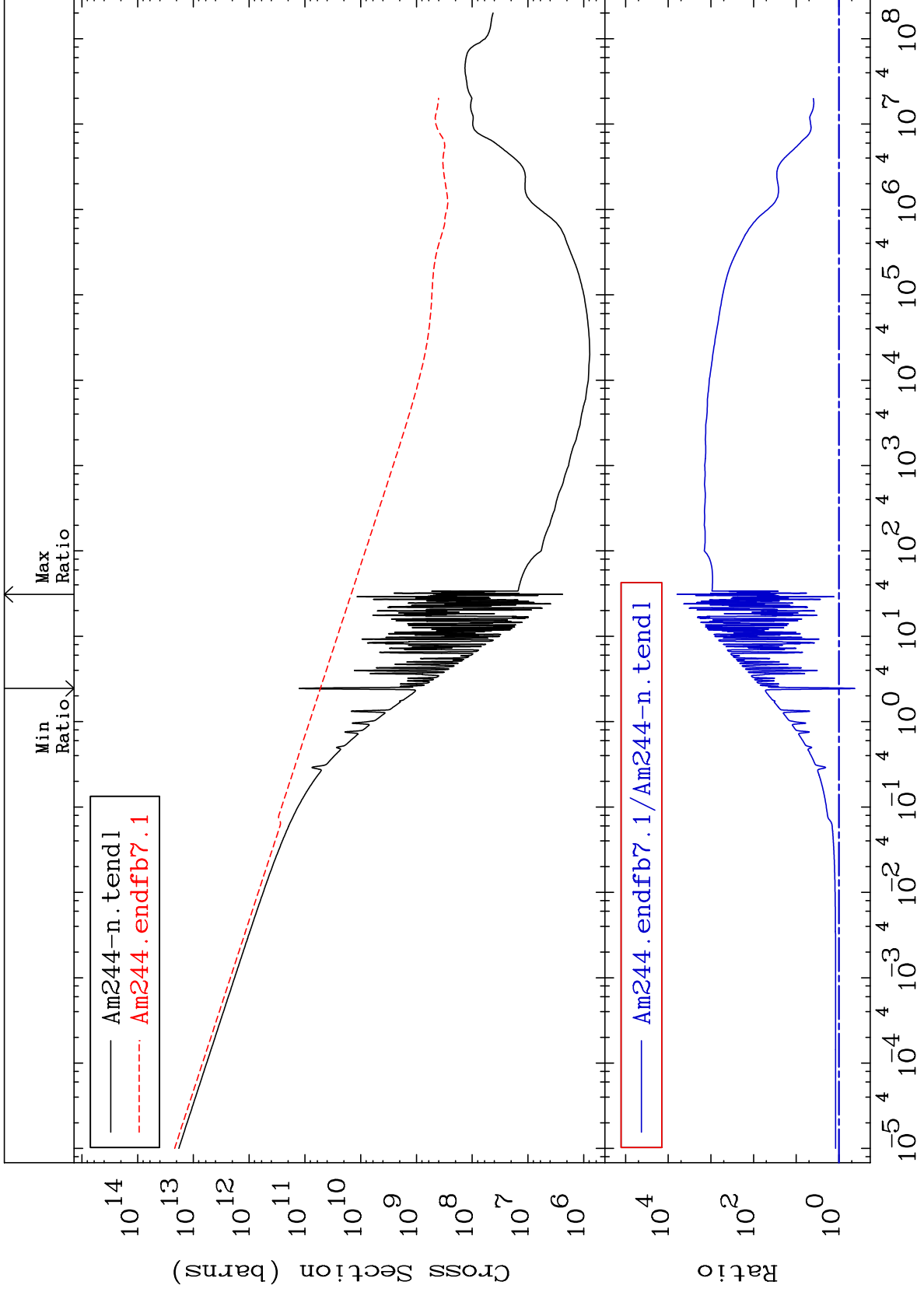
Incident Energy (eV)

95-Am-244

MAT 9552

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

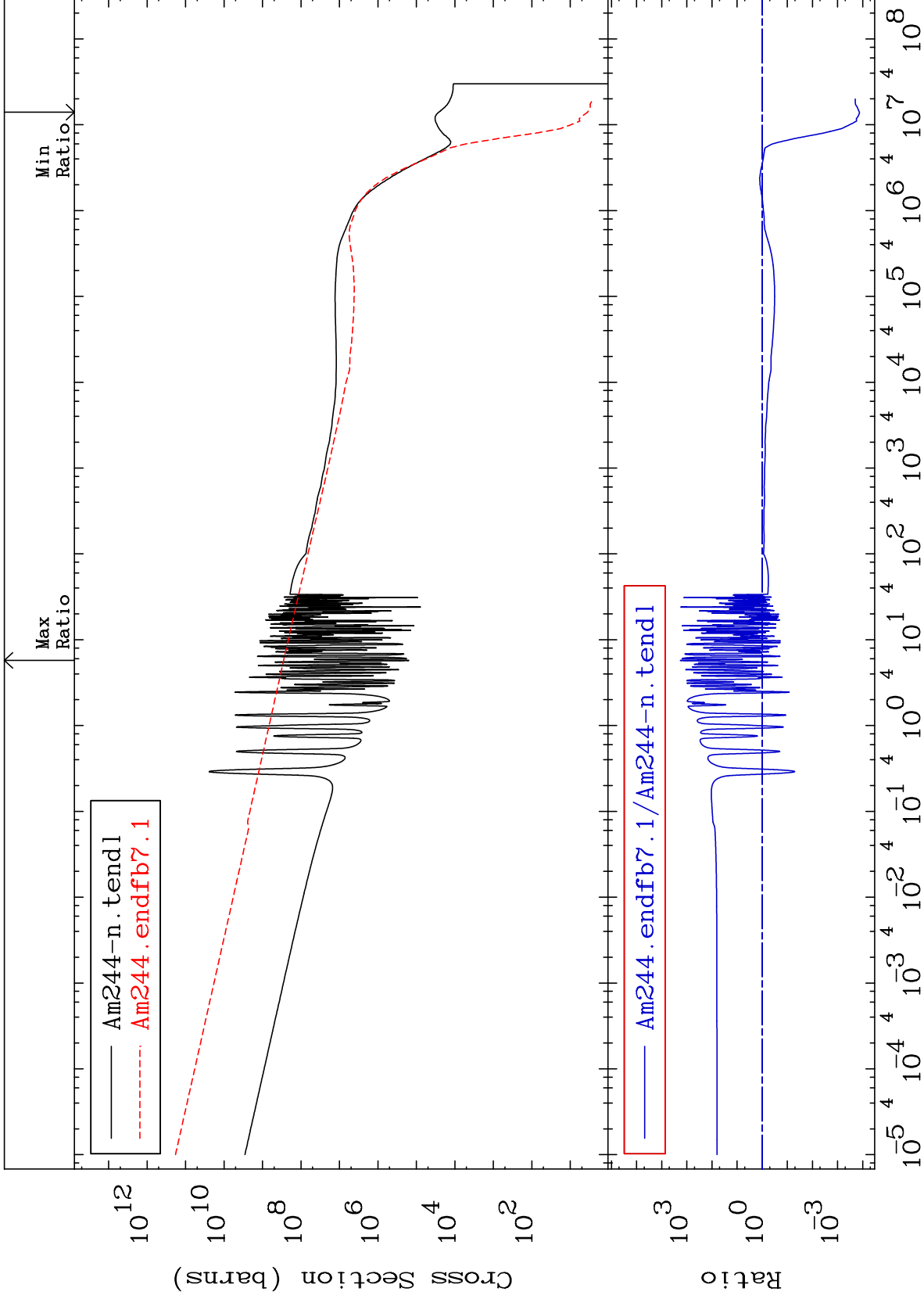
95-Am-244
-58.44 To 9999. %



MAT 9552

Kerma capture (mt102)
Cross Section

95-Am-244
-99.99 To 9999. %



40

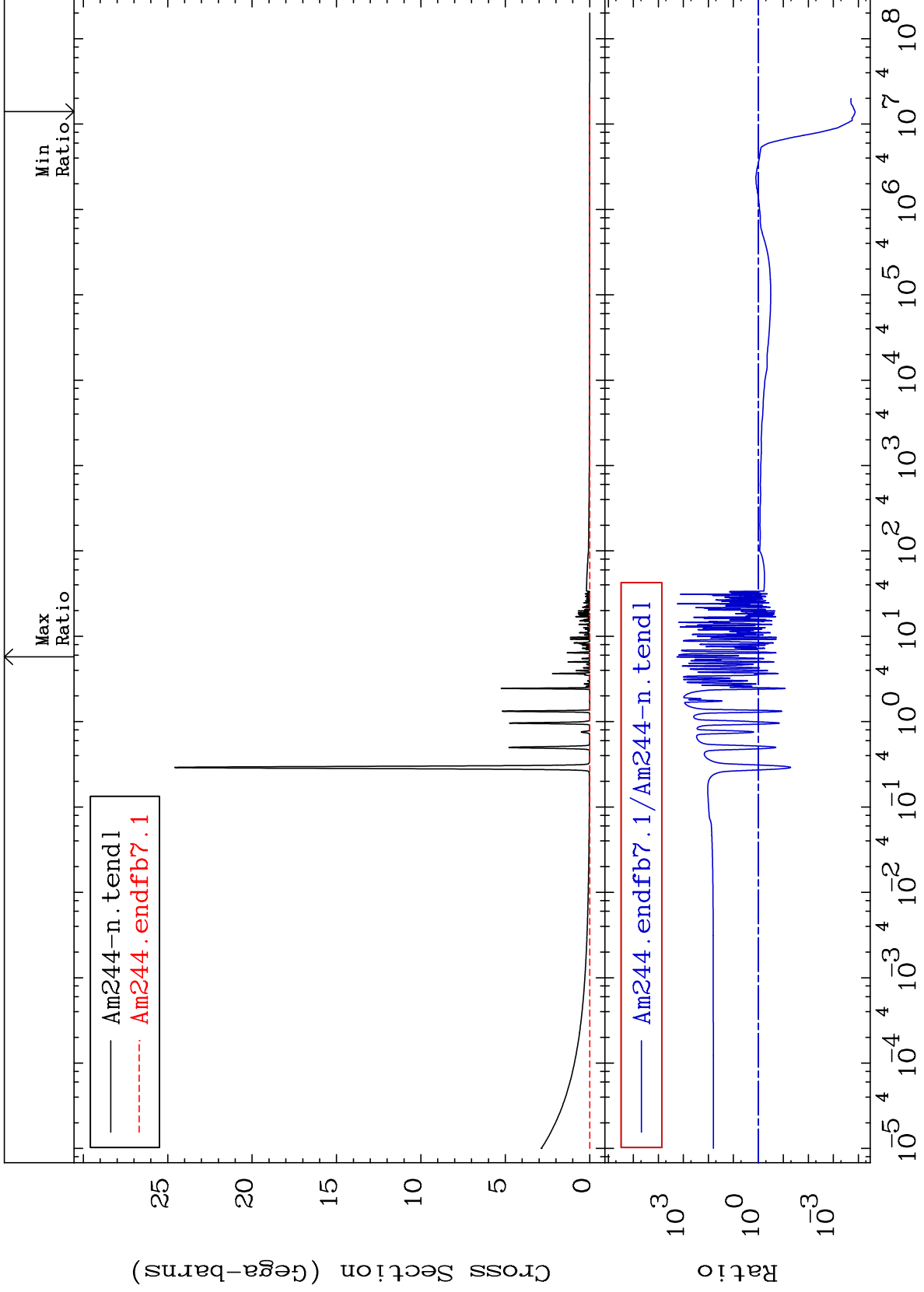
Incident Energy (eV)

95-Am-244

MAT 9552

Total photon (eV-barns)
Cross Section

95-Am-244
-99.99 To 9999. %



41

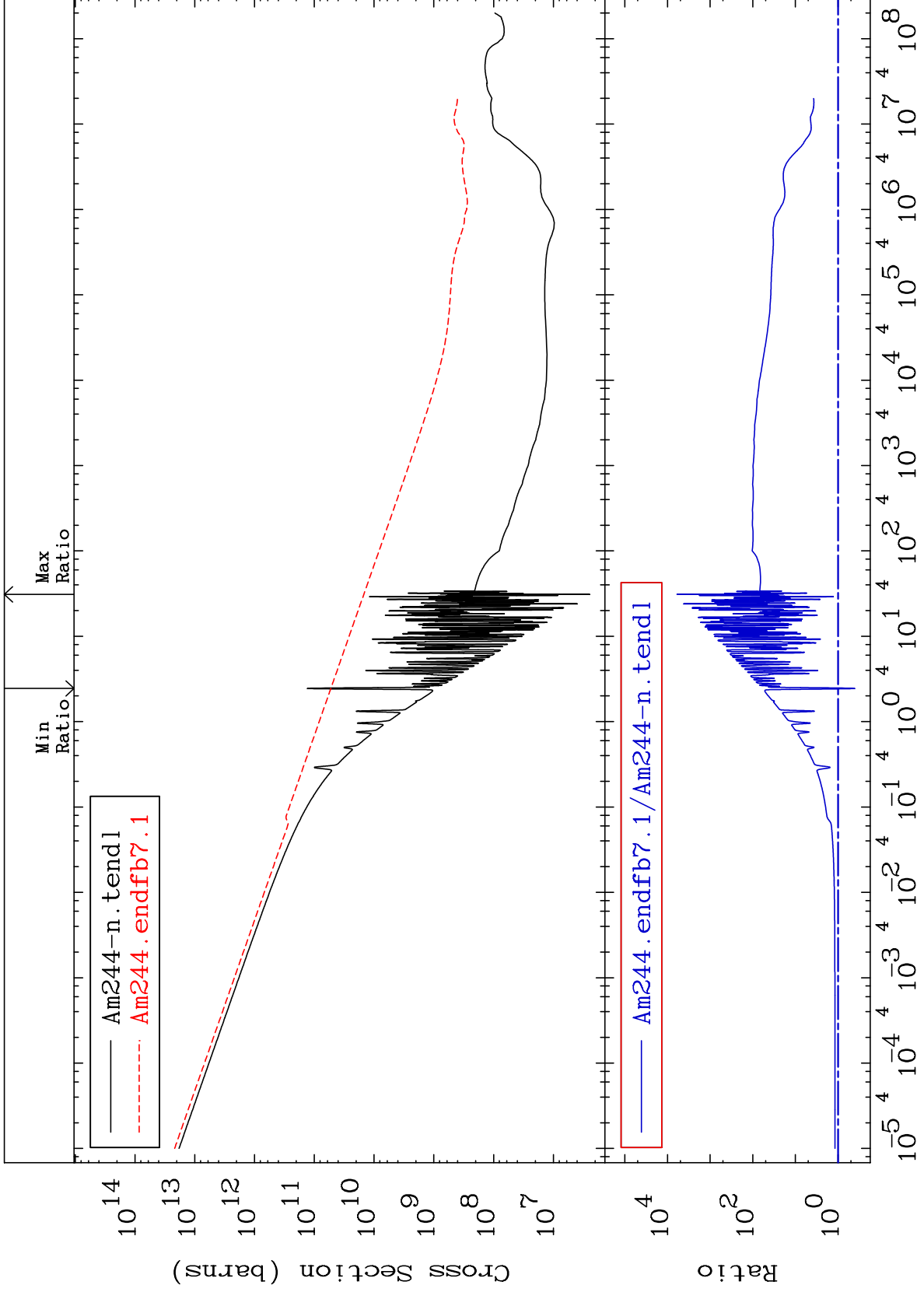
Incident Energy (eV)

95-Am-244

MAT 9552

Total kinematic kerma (high limit)
Cross Section

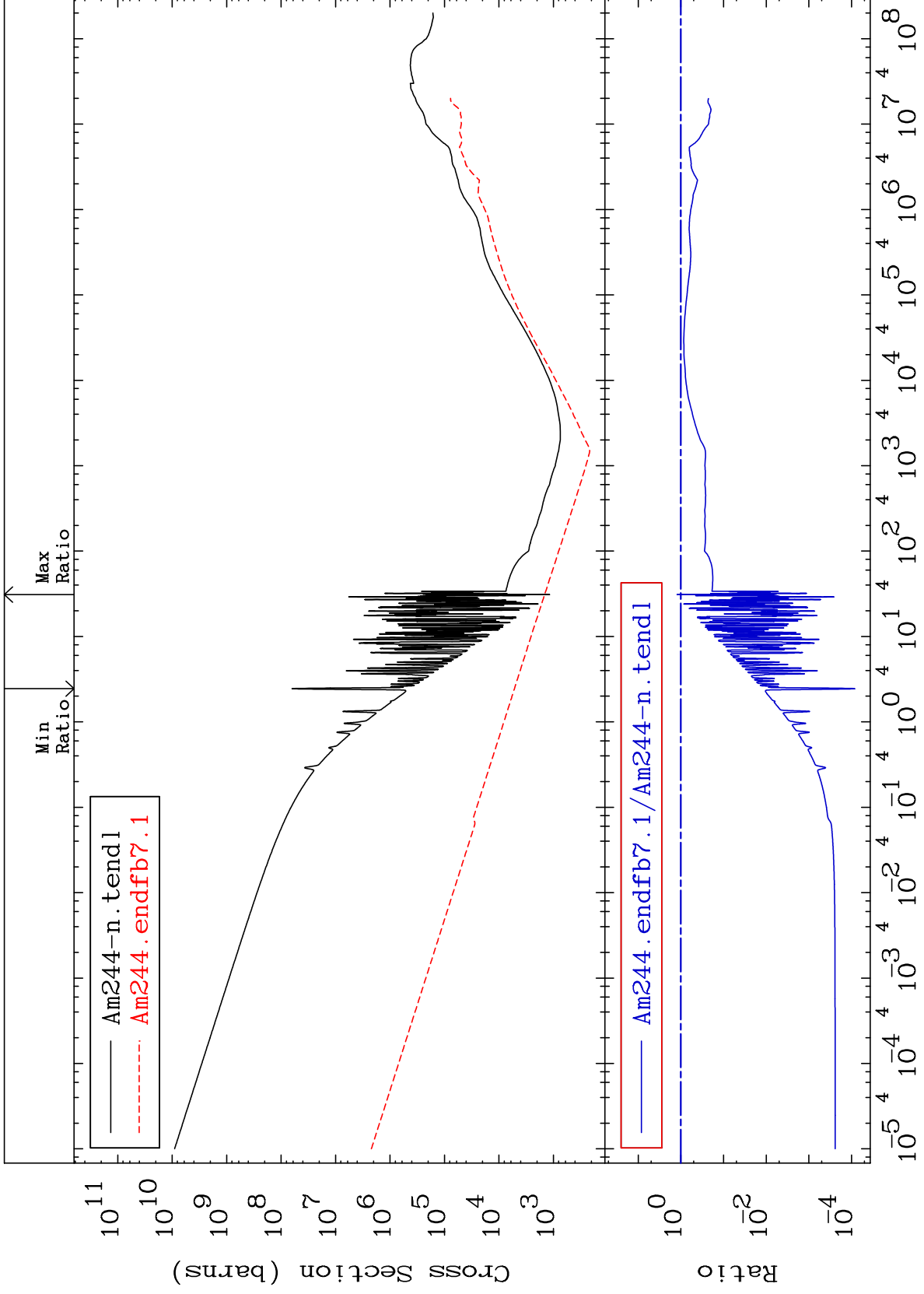
95-Am-244
-60.08 To 9999. %



MAT 9552

Dpa total (eV-barns)
Cross Section

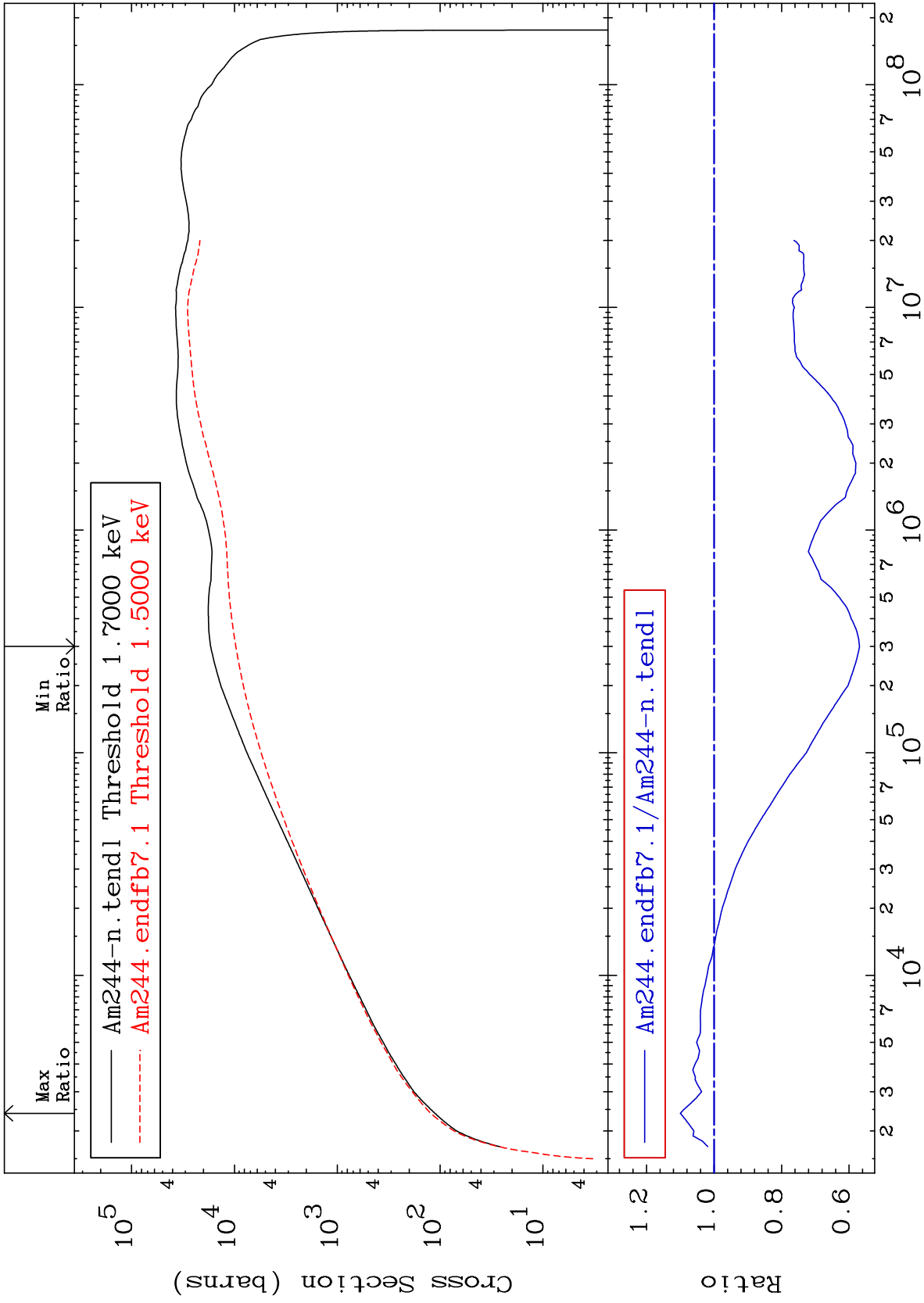
95-Am-244
-99.99 To 23.82 %



MAT 9552

Dpa elastic (mt2)
Cross Section

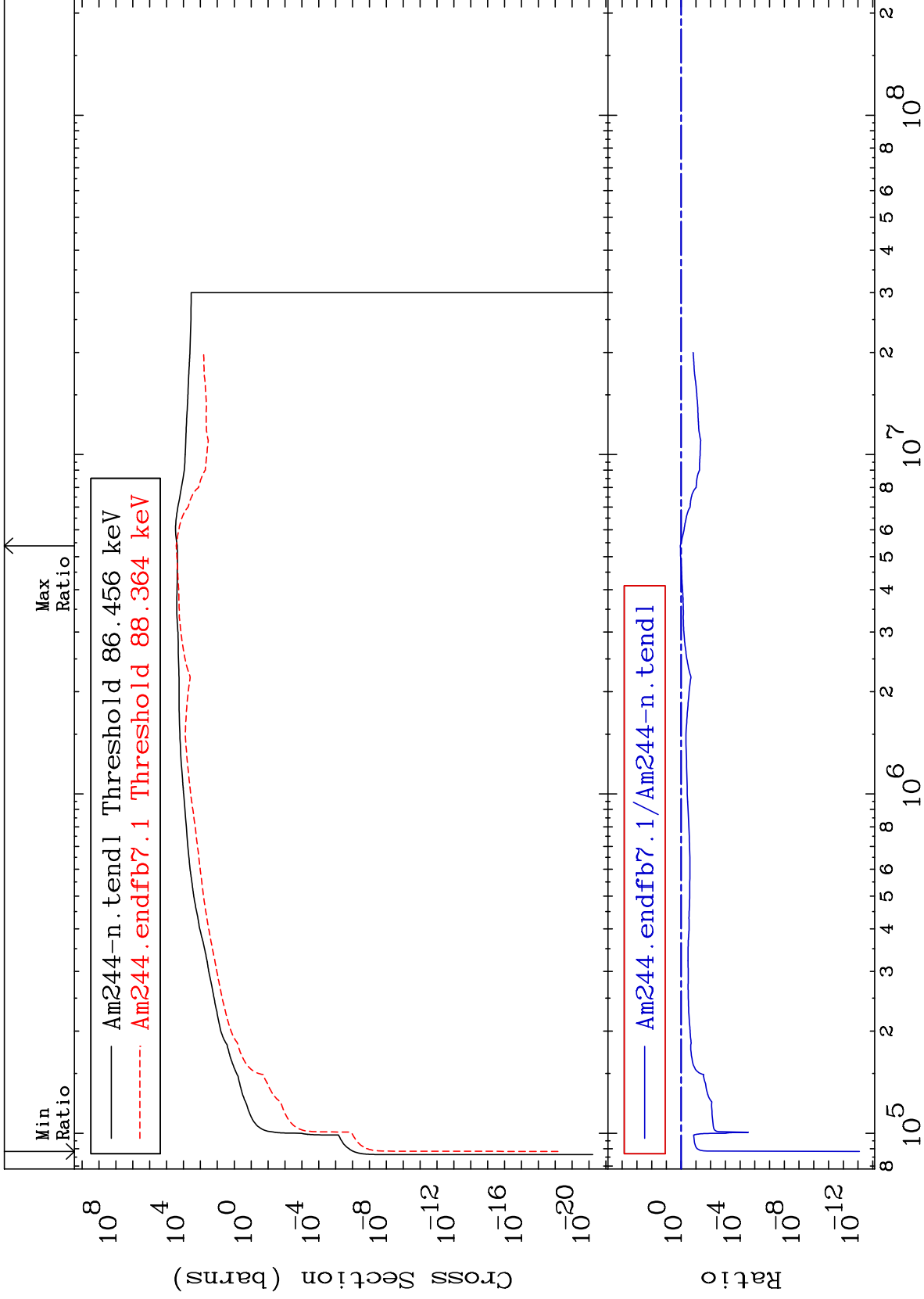
95-Am-244
-43.06 To 9.978 %



MAT 9552

Dpa inelastic (mt51-91)
Cross Section

95-Am-244
-100.0 To 13.39 %



45

Incident Energy (eV)

95-Am-244

MAT 9552

Dpa disappearance (mt102 -120)
Cross Section

95-Am-244
-100.0 To 9999. %

