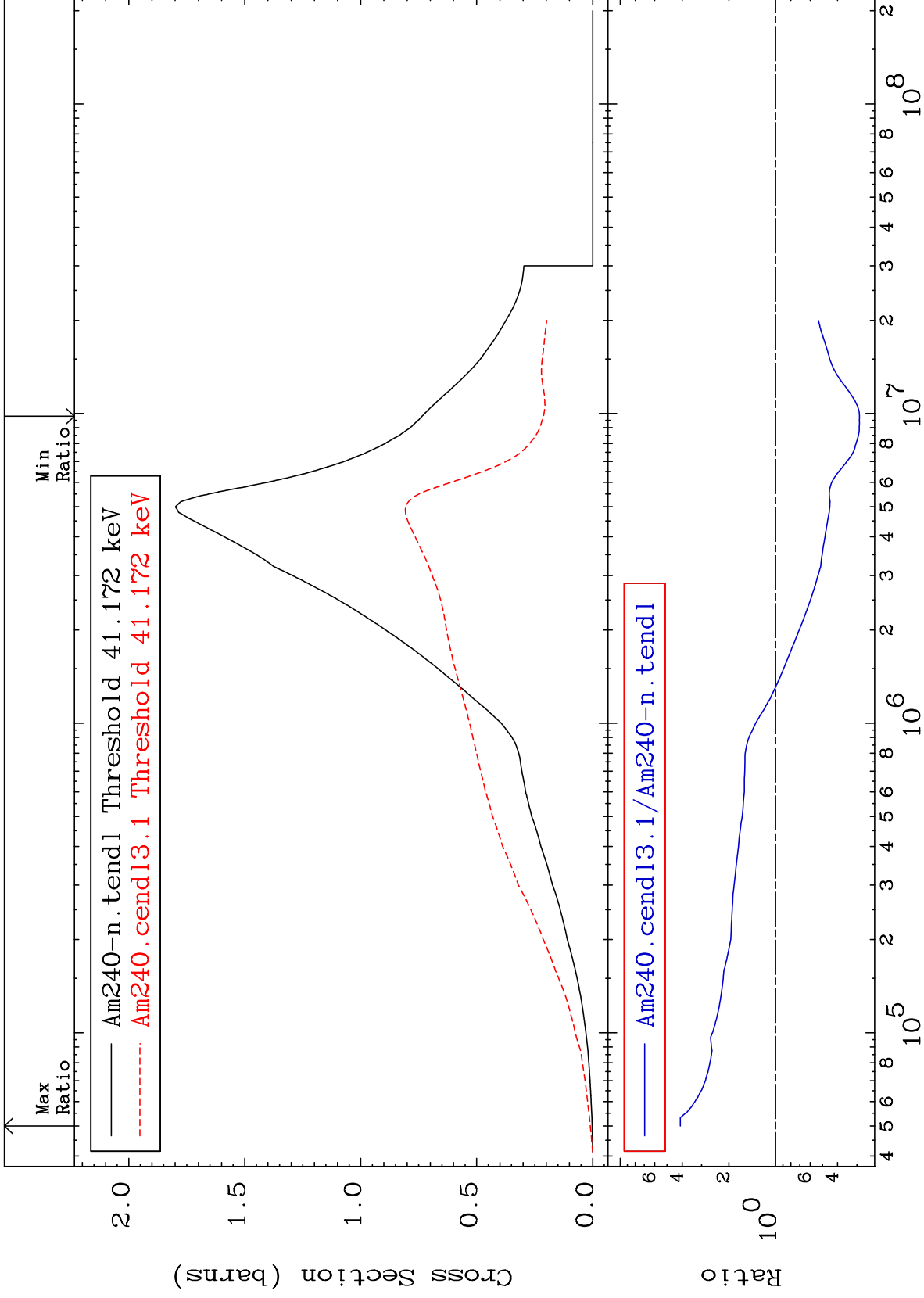


MAT 9540

Inelastic
Cross Section

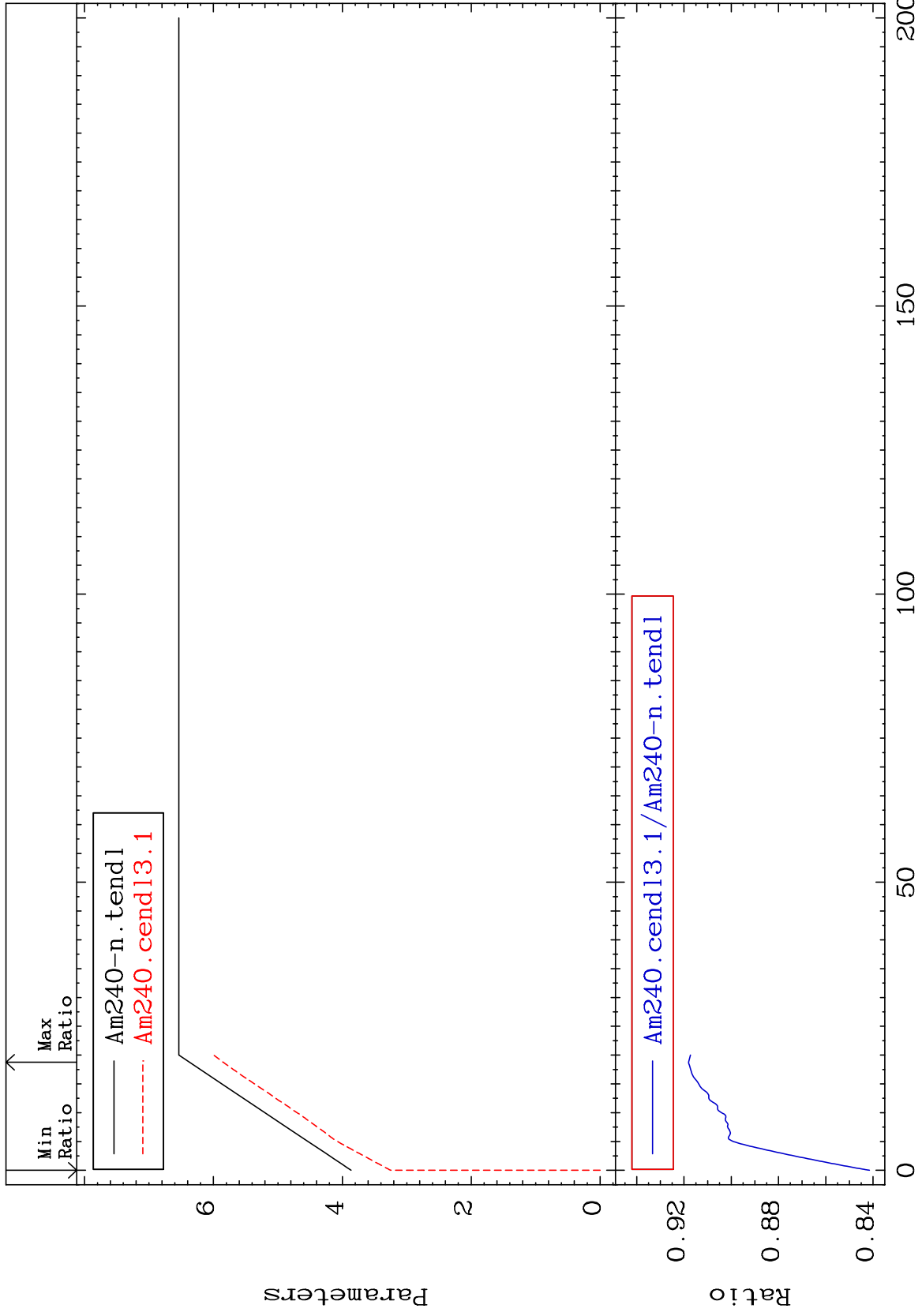
95-Am-240
-71.08 To 310.6 %



MAT 9540

Total $\bar{\nu}$
Parameters

95-Am-240
-15.85 To -8.194%



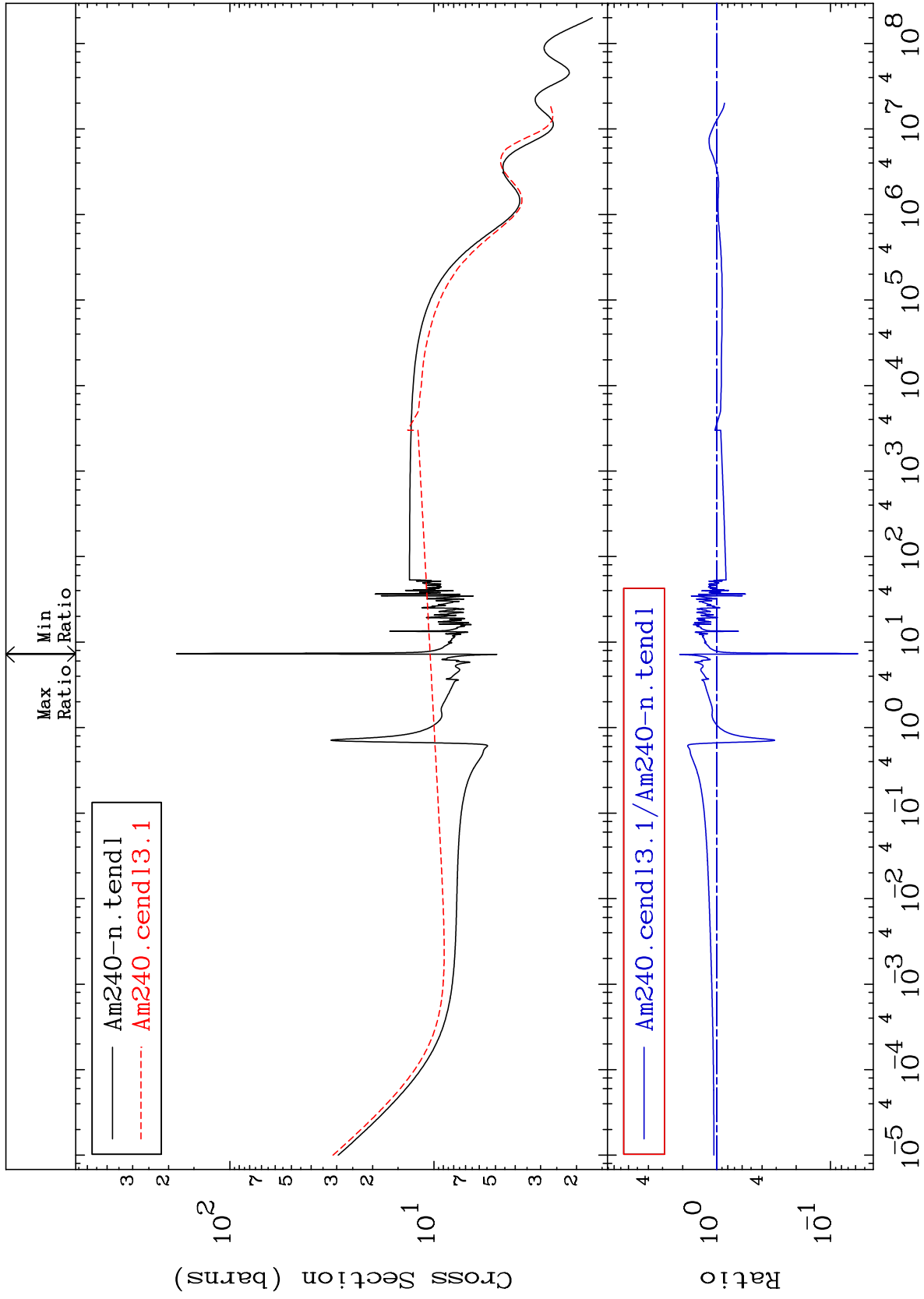
Incident Energy (MeV)

95-Am-240

MAT 9540

Elastic
Cross Section

95-Am-240
-94.29 To 112.5 %



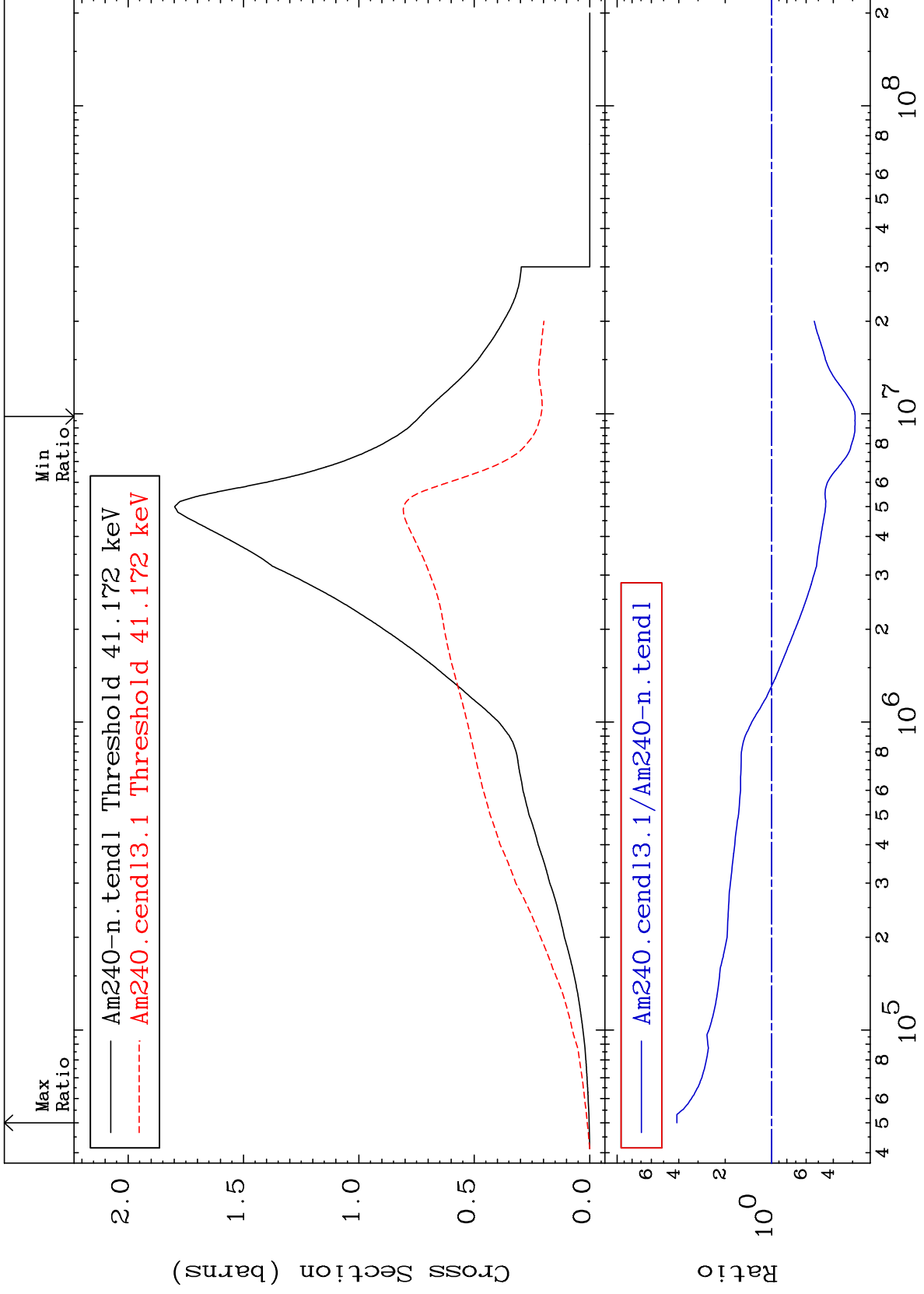
Incident Energy (eV)

95-Am-240

MAT 9540

Inelastic
Cross Section

95-Am-240
-71.08 To 310.6 %



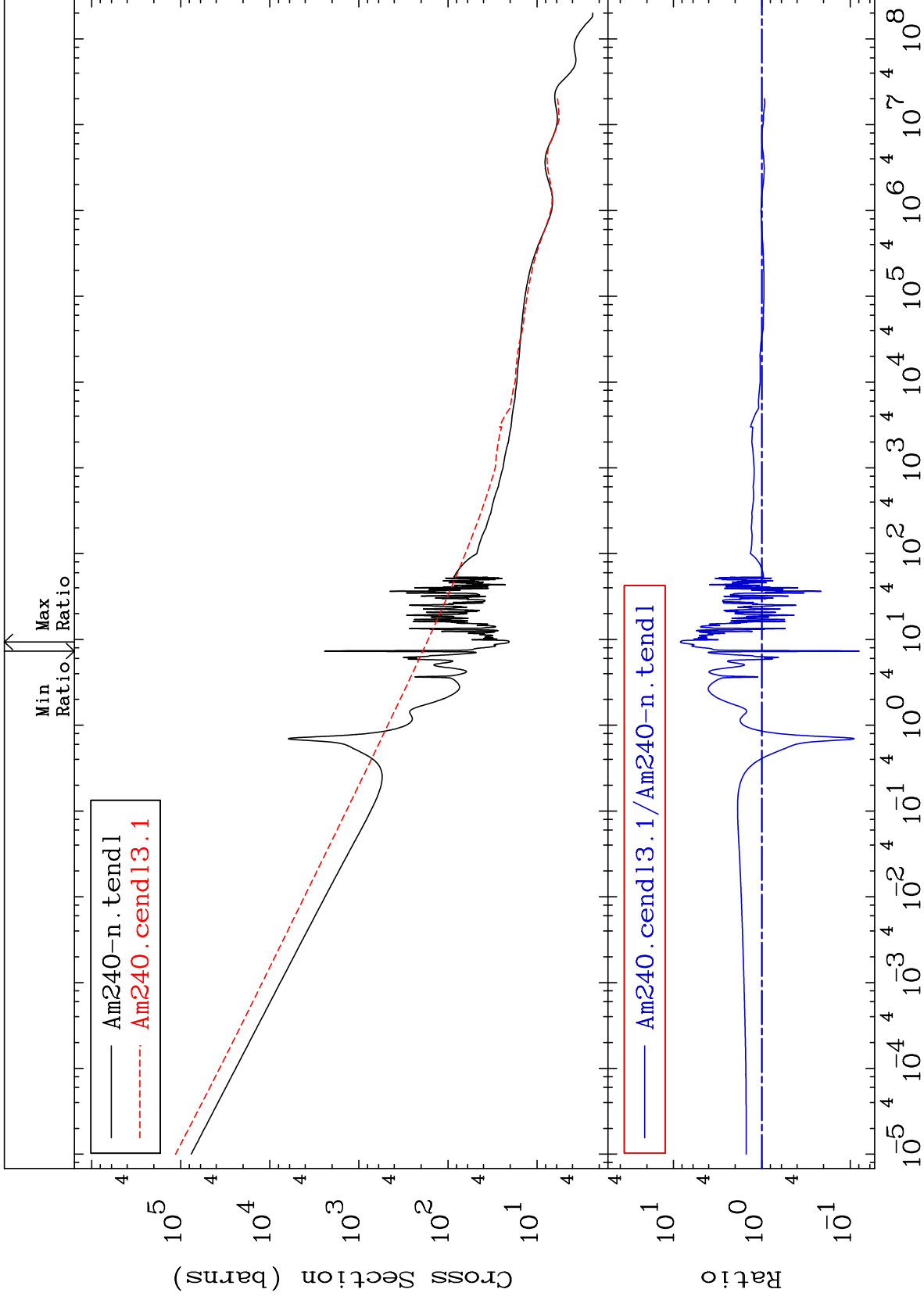
MAT 9540

Total

95-Am-240

Cross Section

-92.14 To 735.5 %

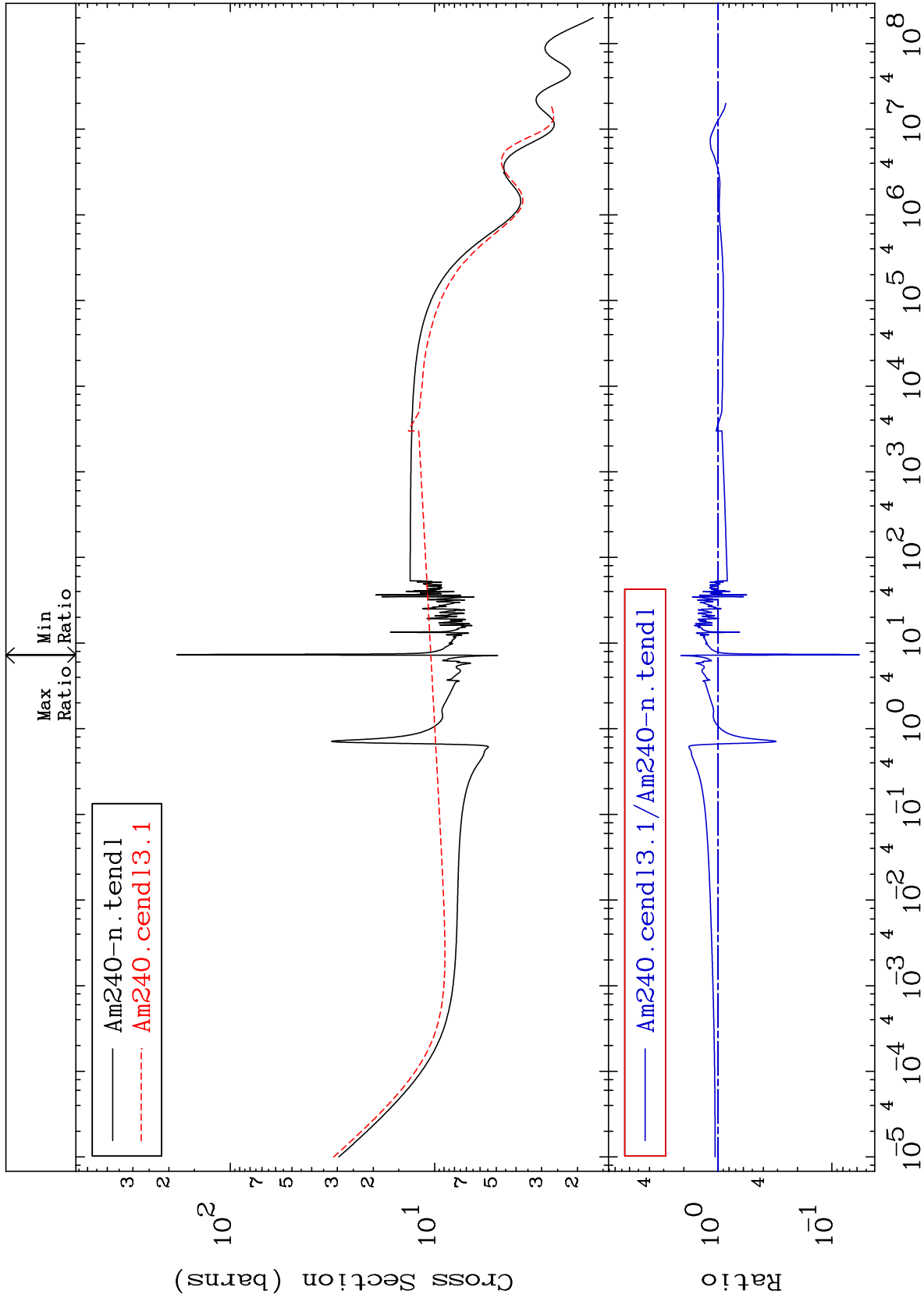


95-Am-240

MAT 9540

Elastic
Cross Section

95-Am-240
-94.29 To 112.5 %



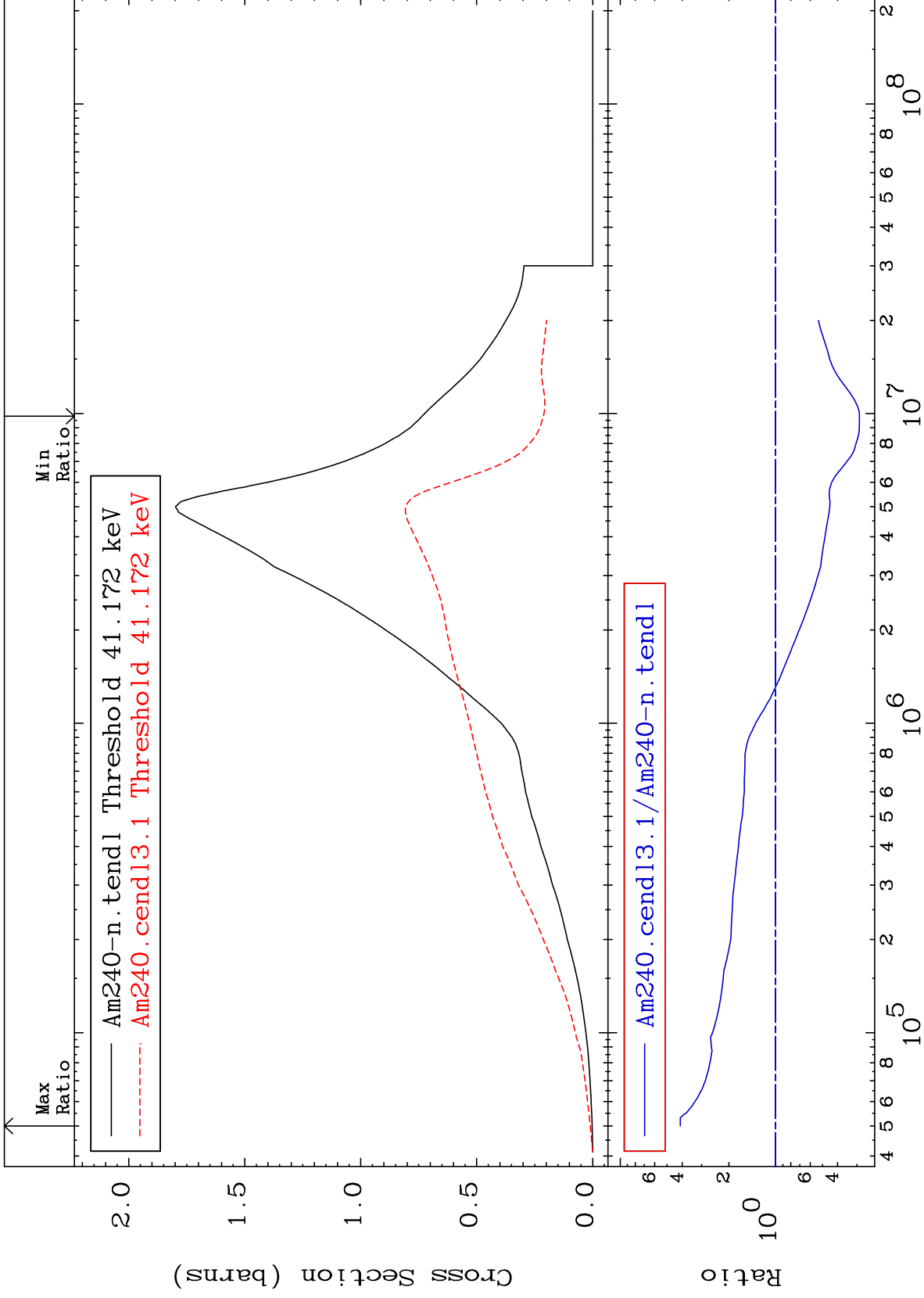
Incident Energy (eV)

95-Am-240

MAT 9540

Inelastic
Cross Section

95-Am-240
-71.08 To 310.6 %



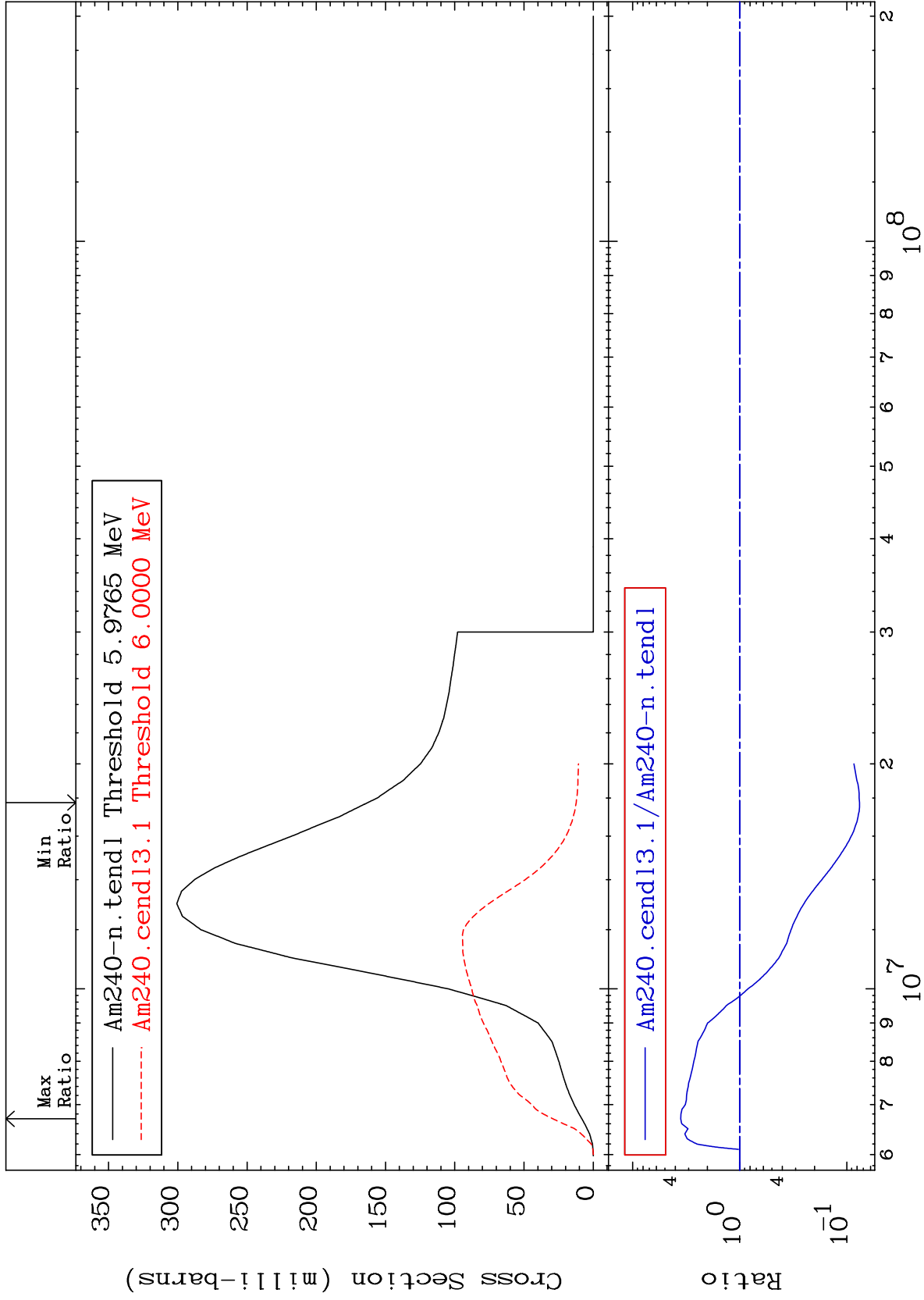
MAT 9540

(n,2n)

95-Am-240

Cross Section

-92.41 To 255.0 %



Incident Energy (eV)

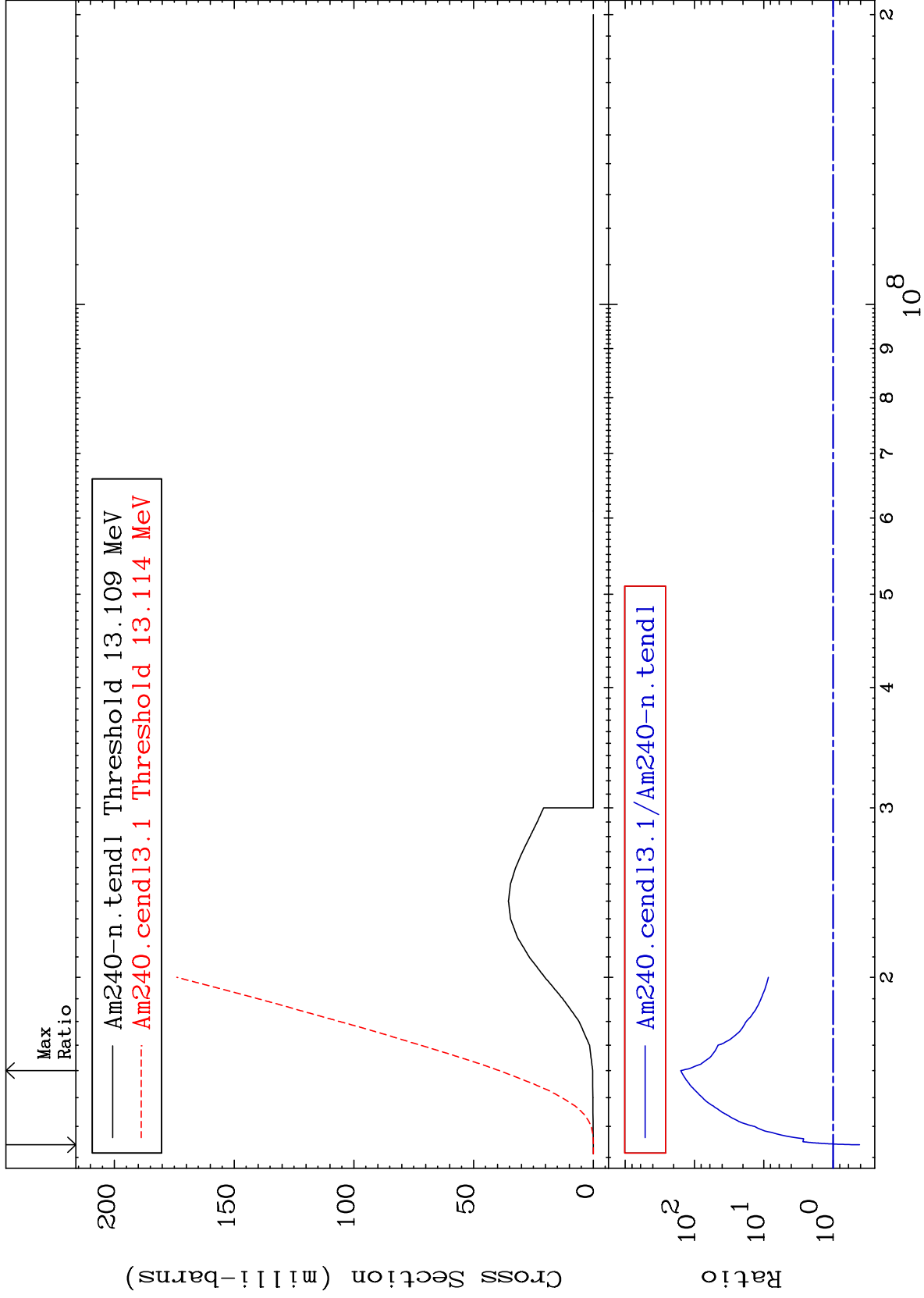
95-Am-240

4

MAT 9540

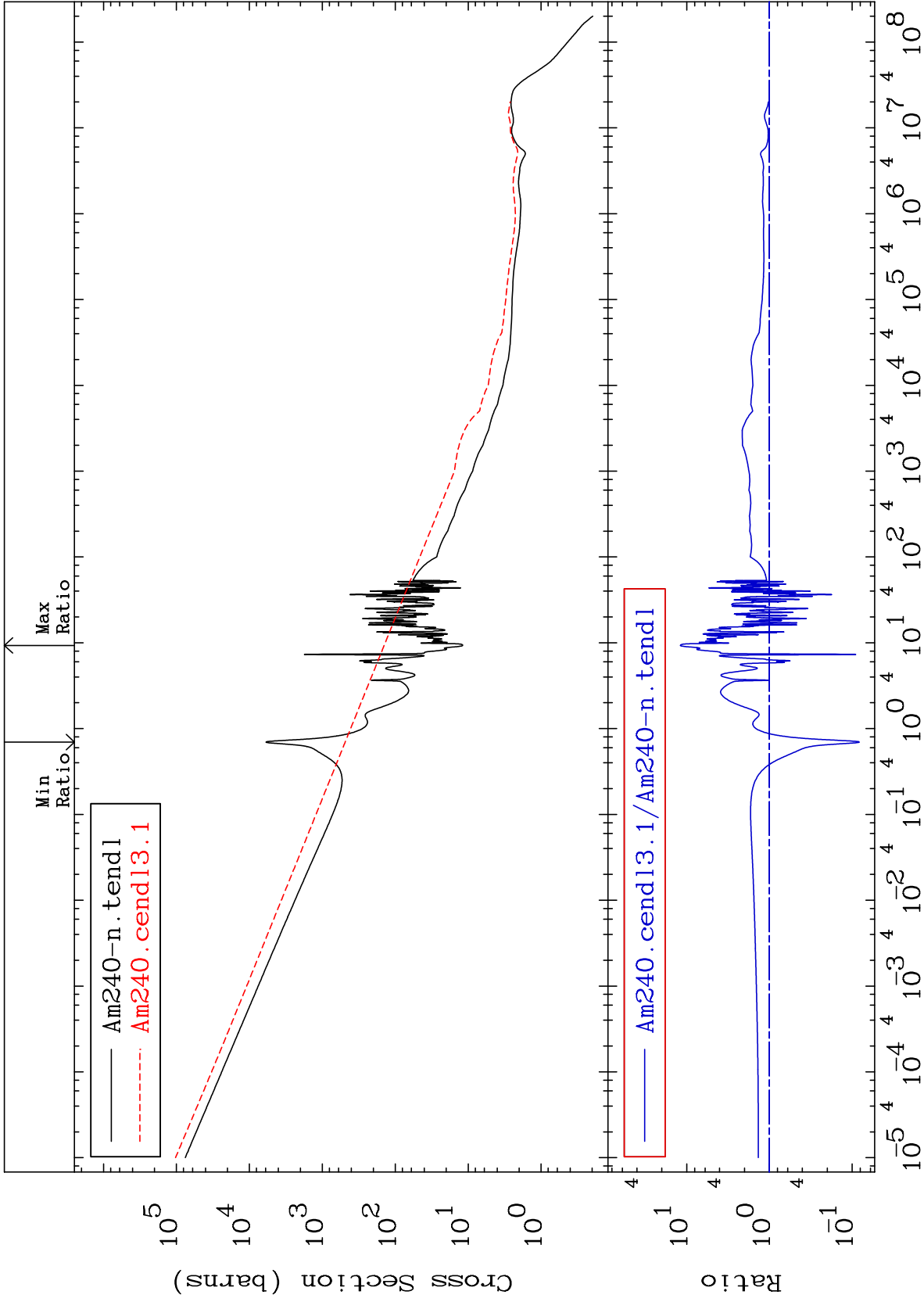
(n,3n)
Cross Section

95-Am-240
-58.51 To 9999. %

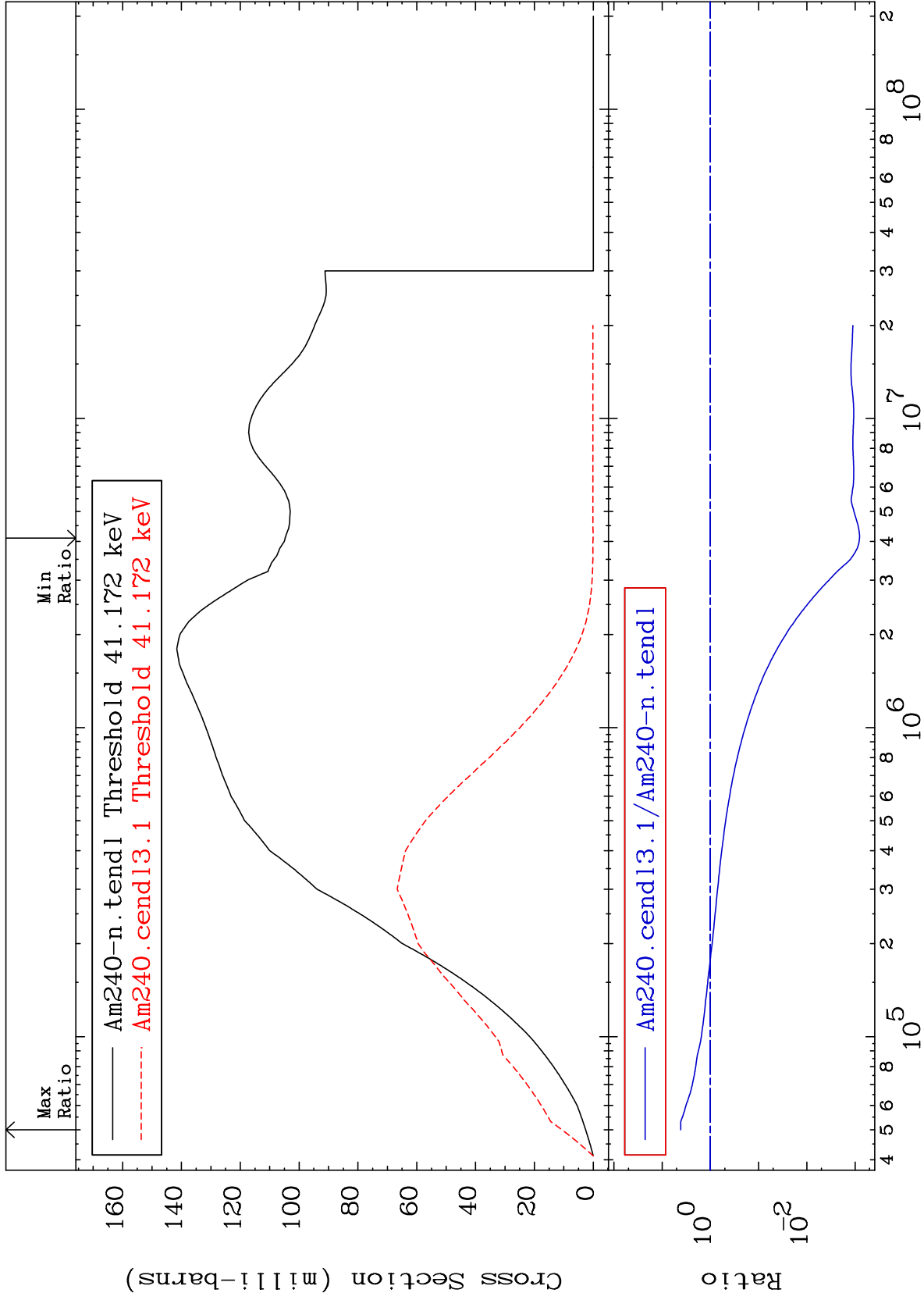


MAT 9540

Fission Cross Section
95-Am-240
-91.82 To 1093. %



MAT 9540 41.00 keV (n,n') Level 95-Am-240
 Cross Section -99.92 To 310.6 %



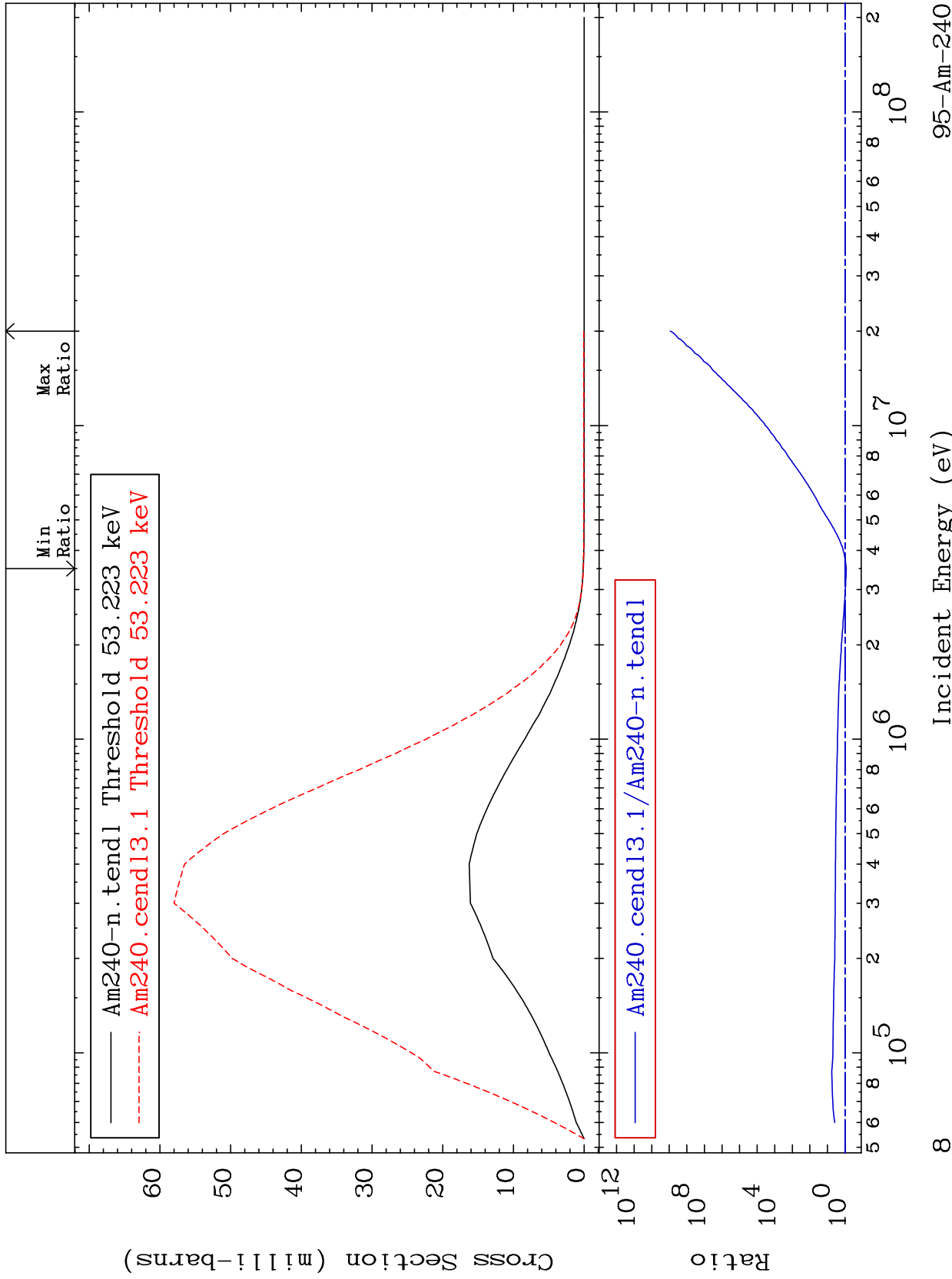
MAT 9540

53.00 keV (n,n') Level

95-Am-240

-15.22 To 9999. %

Cross Section

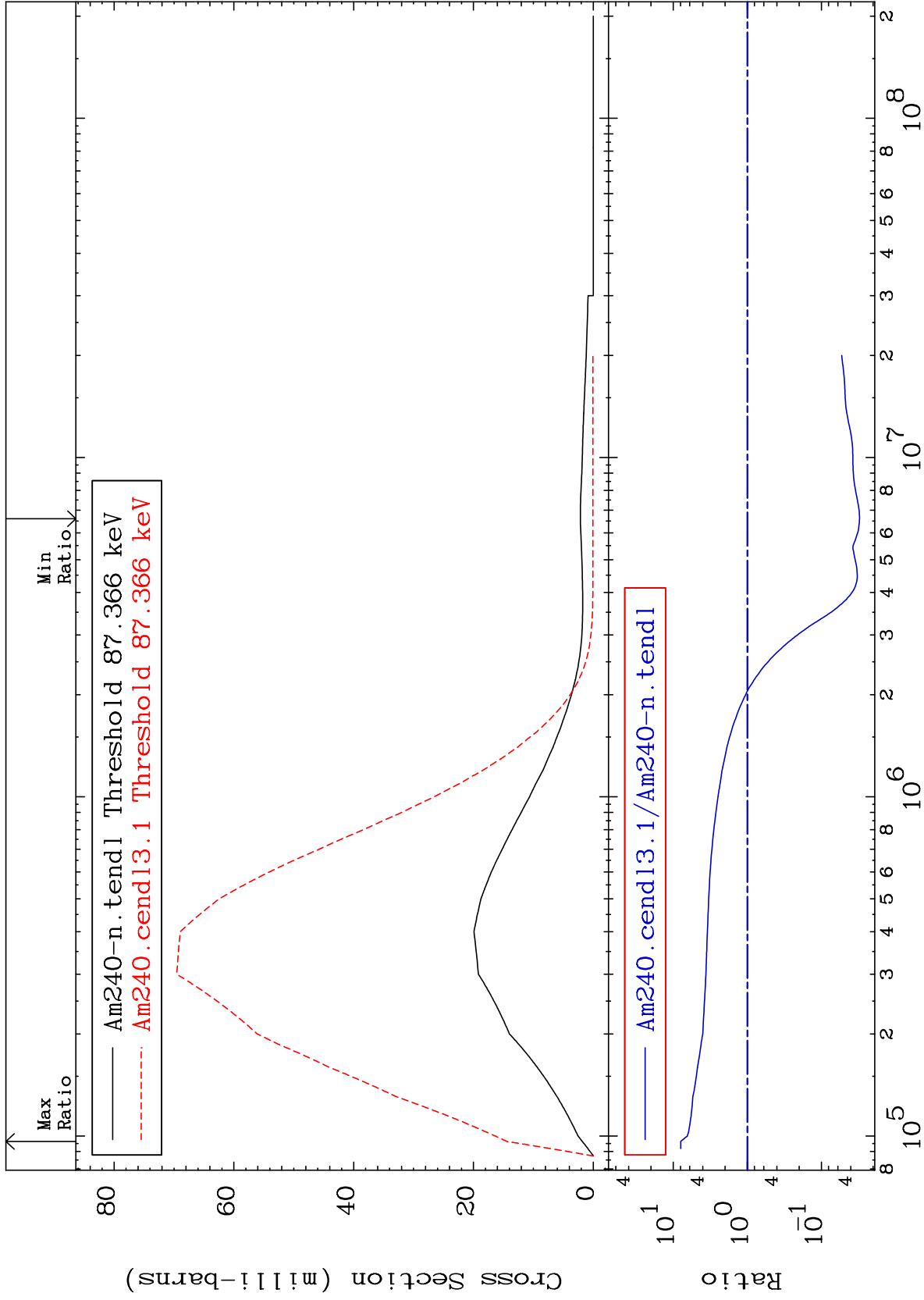


MAT 9540

87.00 keV (n,n') Level

95-Am-240

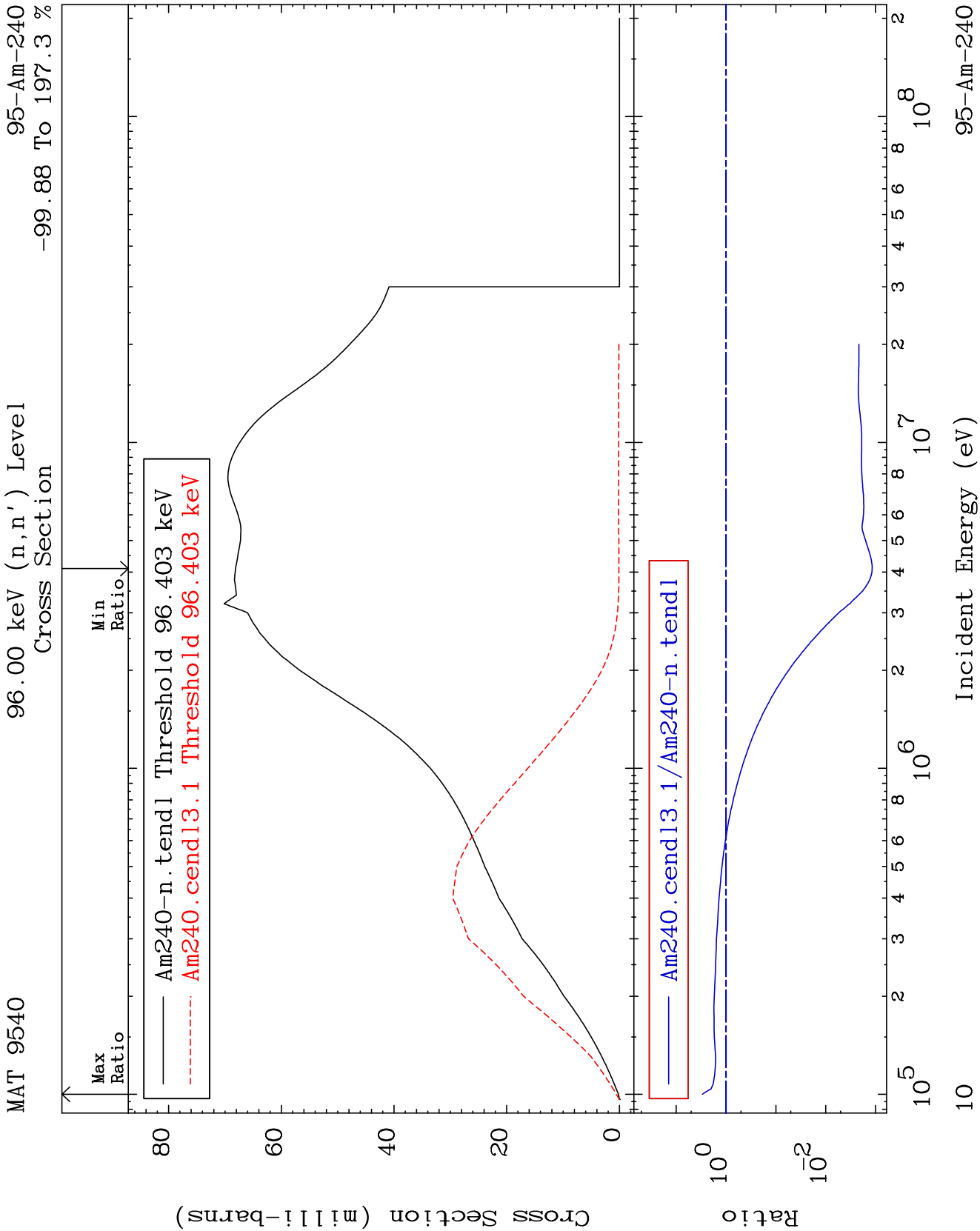
-96.95 To 693.0 %

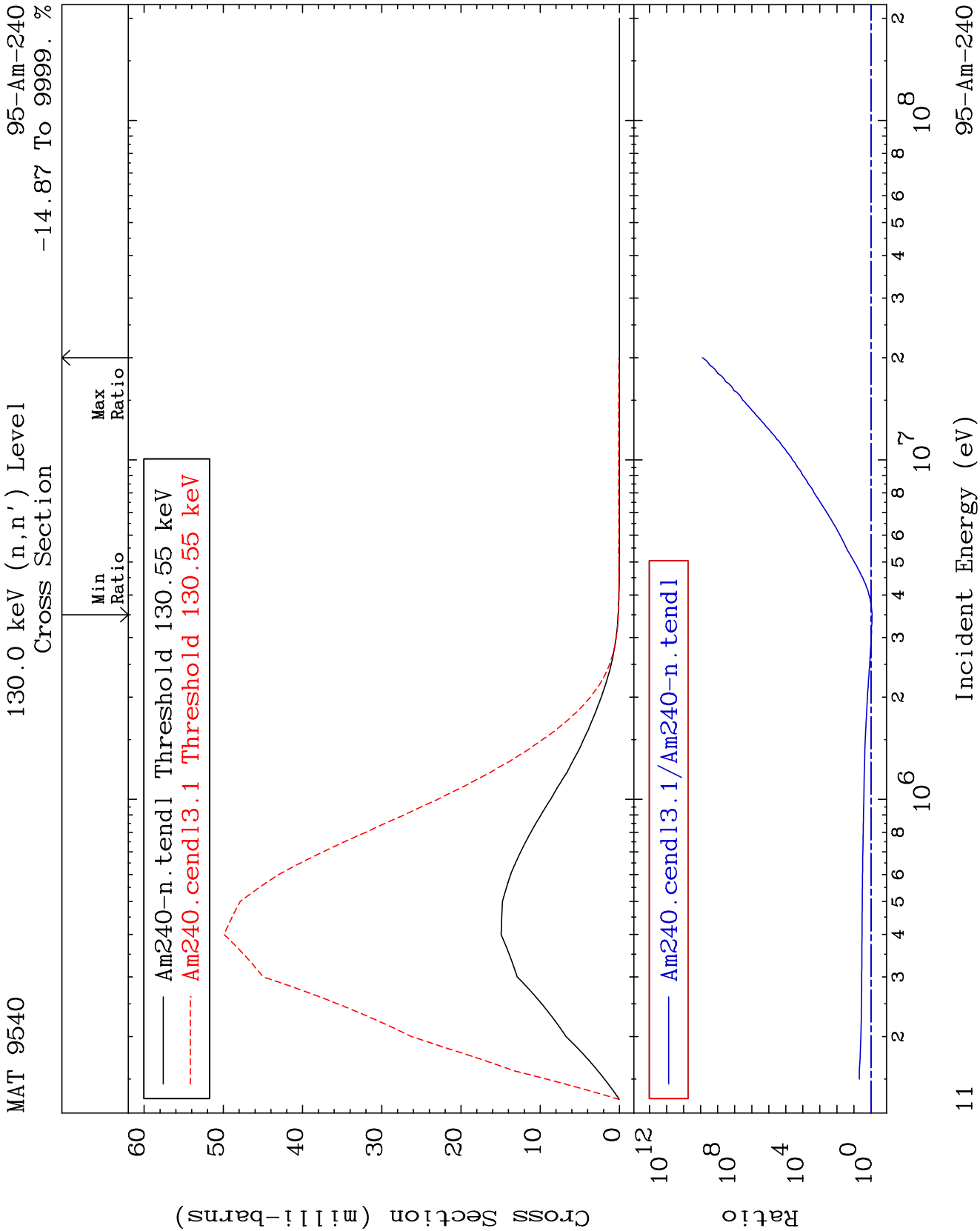


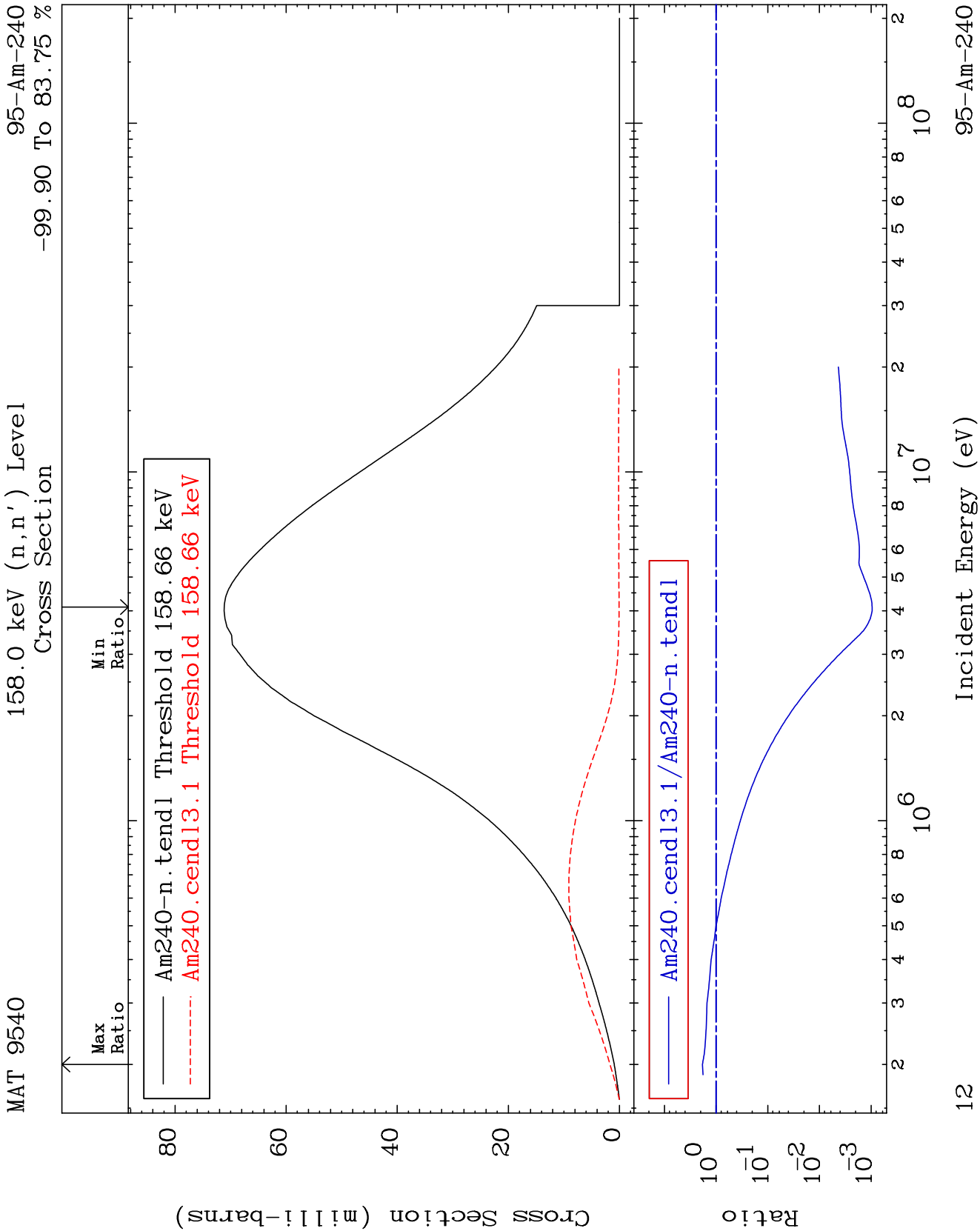
9

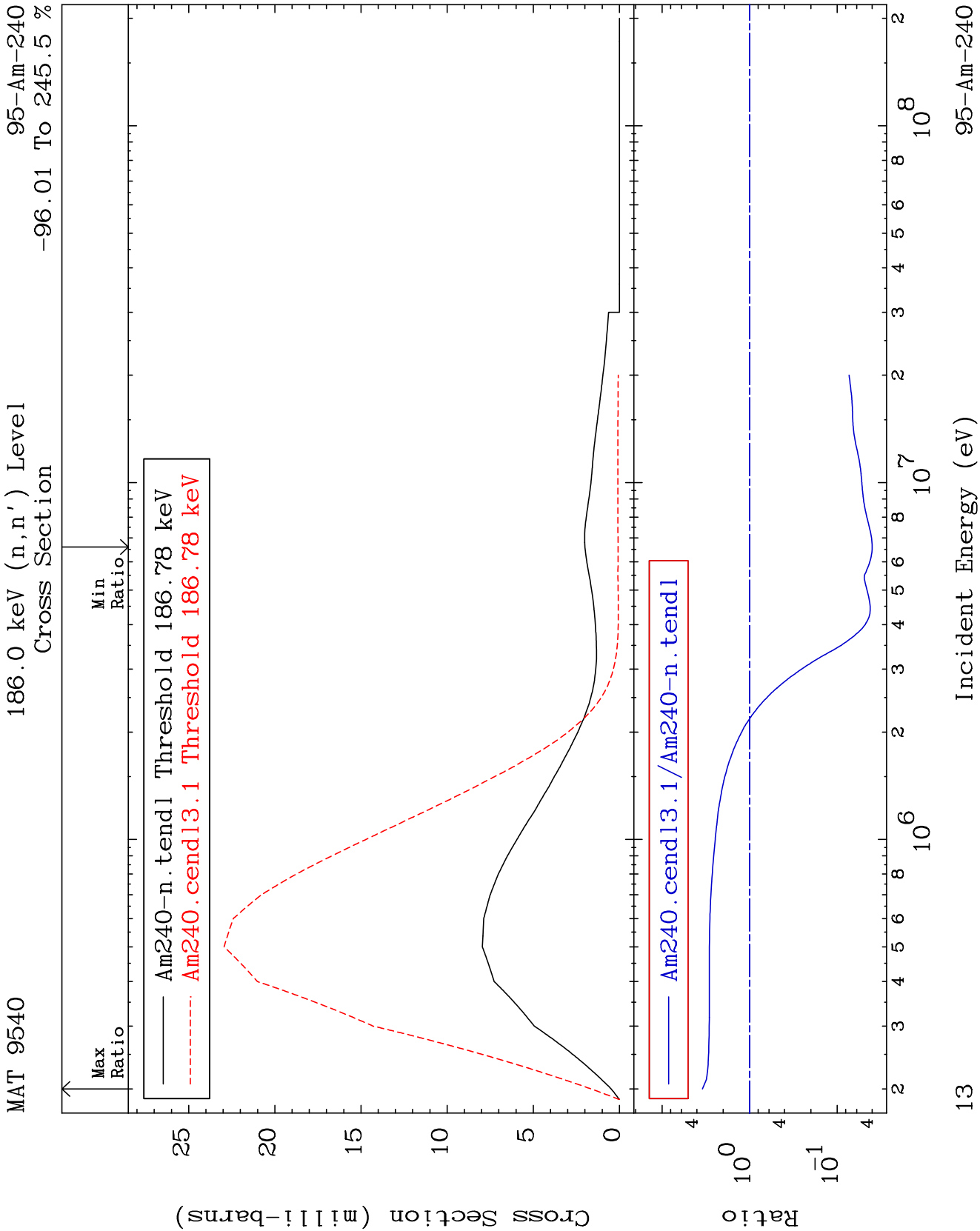
Incident Energy (eV)

95-Am-240





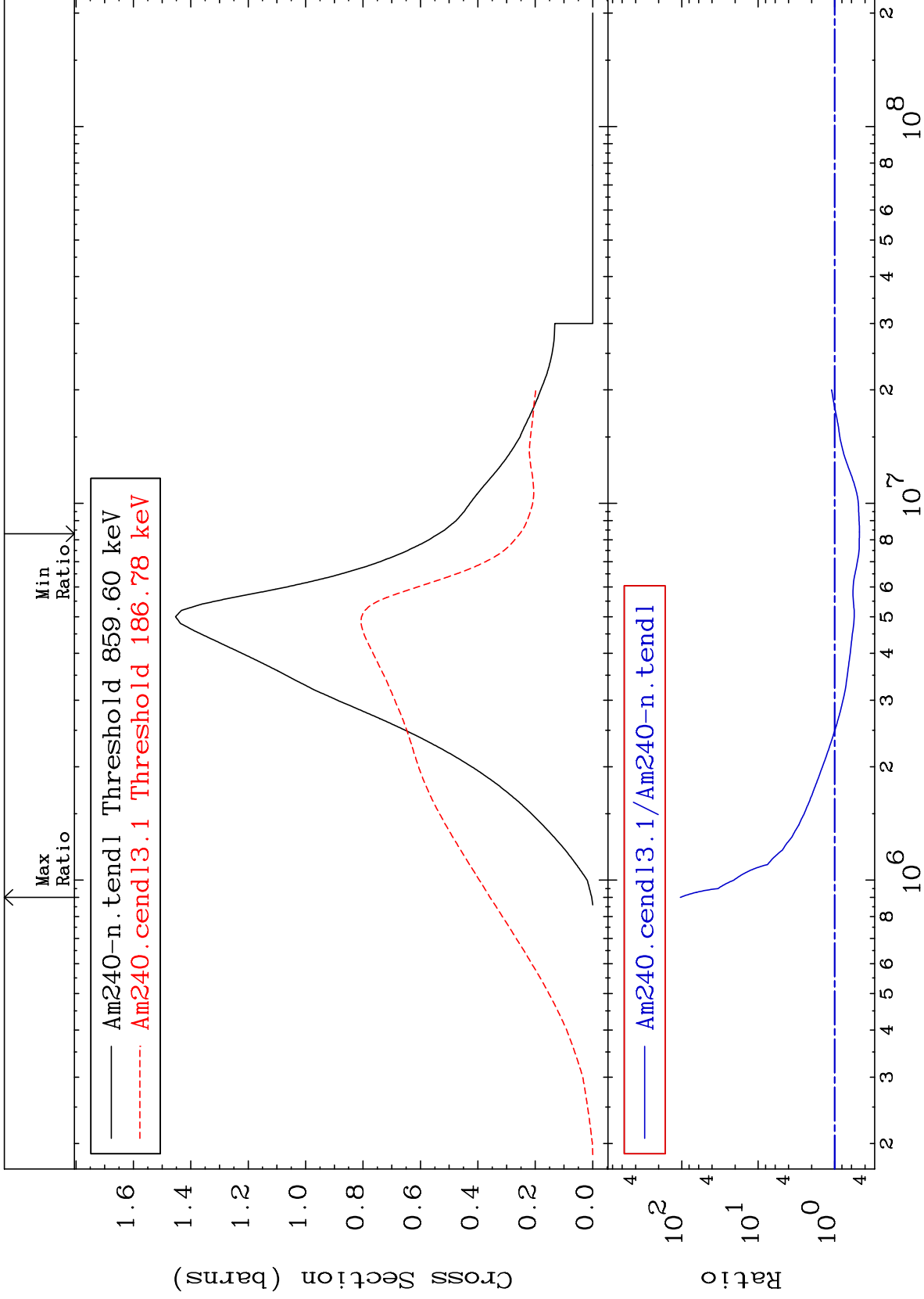




MAT 9540

(n, n') Continuum
Cross Section

95-Am-240
-52.68 To 9999. %



14

Incident Energy (eV)

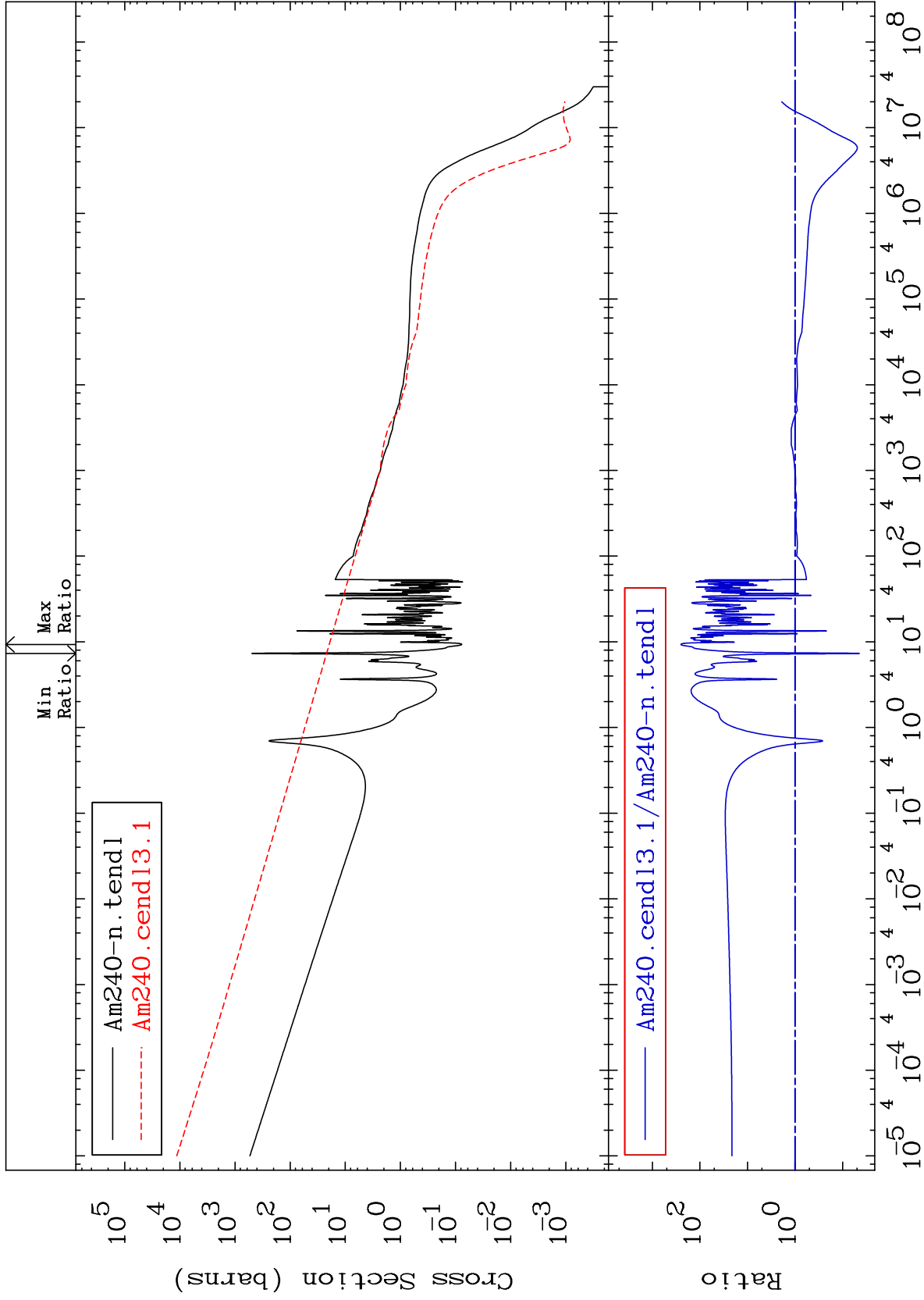
95-Am-240

MAT 9540

95-Am-240

-95.58 To 9999. %

(n, γ)
Cross Section



15

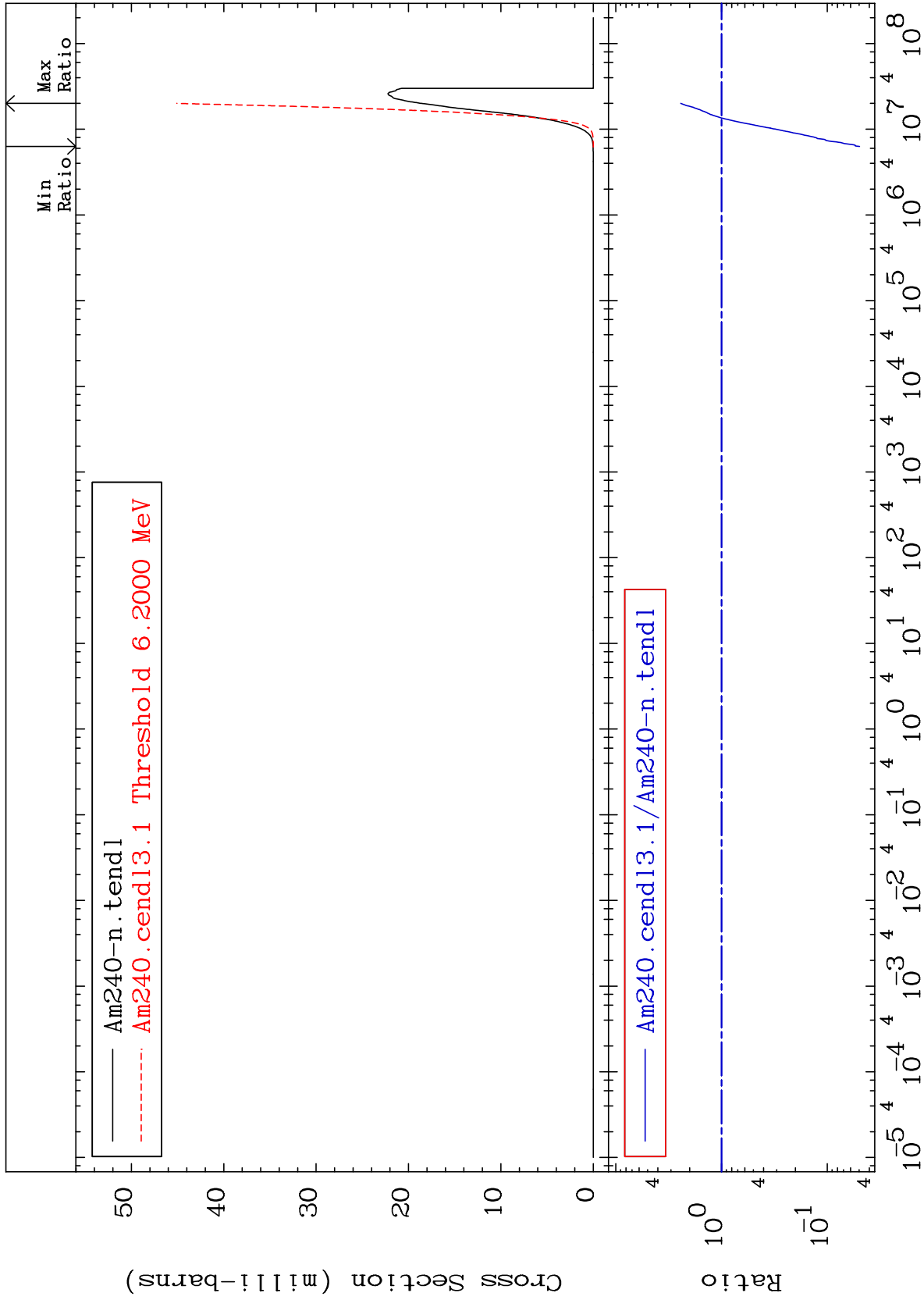
Incident Energy (eV)

95-Am-240

MAT 9540

(n,p)
Cross Section

95-Am-240
-95.05 To 142.4 %



16

Incident Energy (eV)

95-Am-240

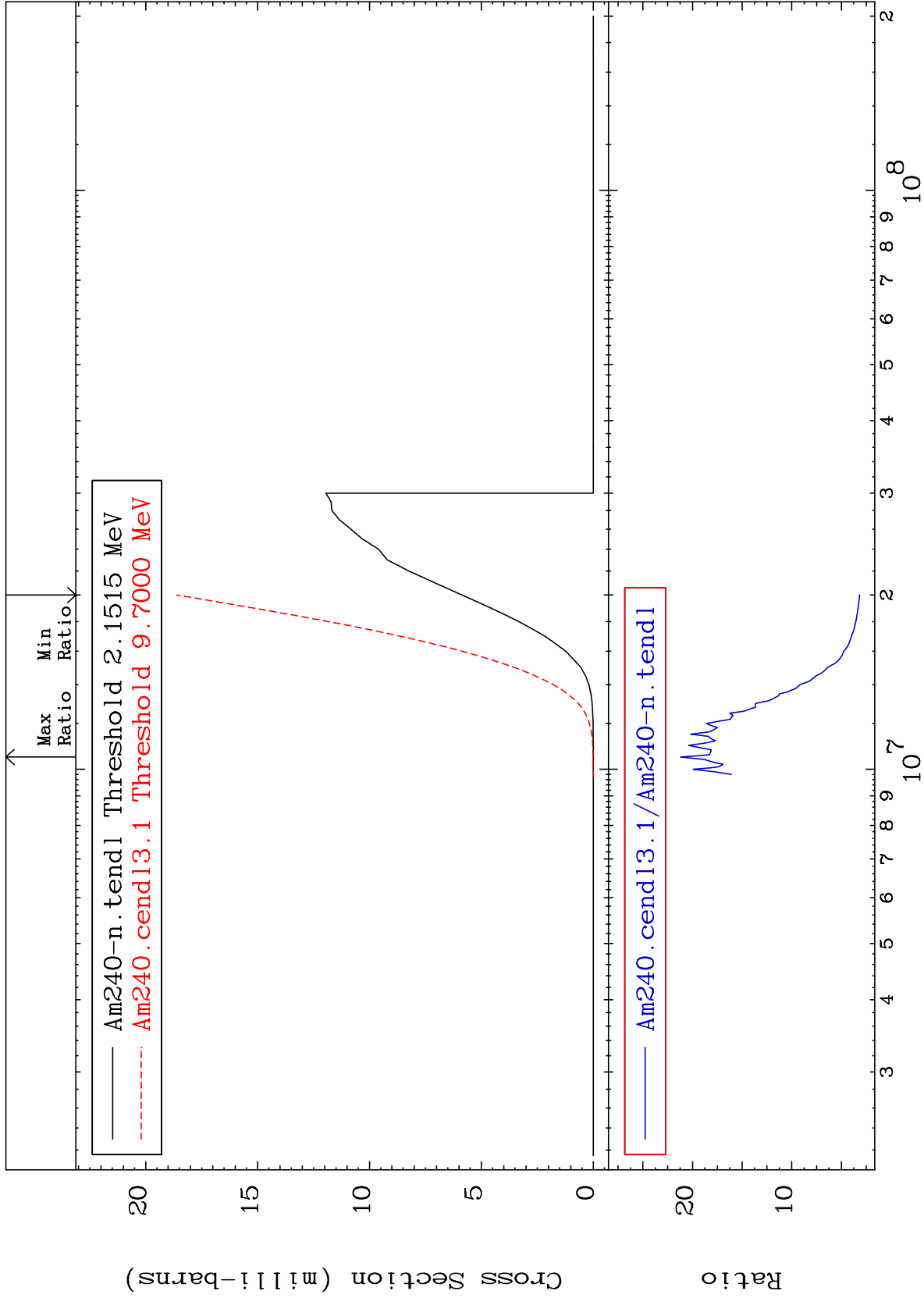
MAT 9540

(n, d)

95-Am-240

Cross Section

217.2 To 2018. %



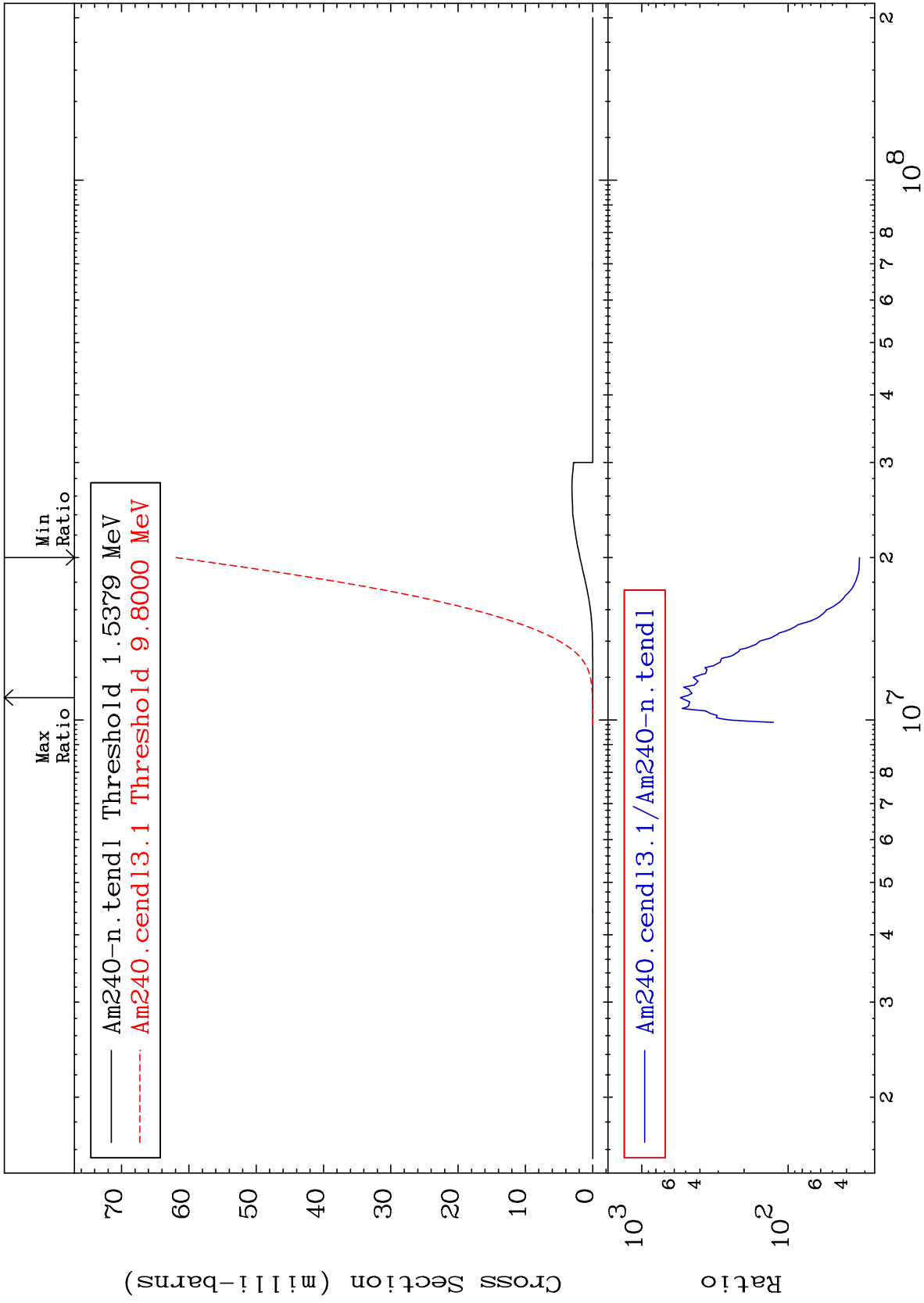
17

Incident Energy (eV)

95-Am-240

MAT 9540

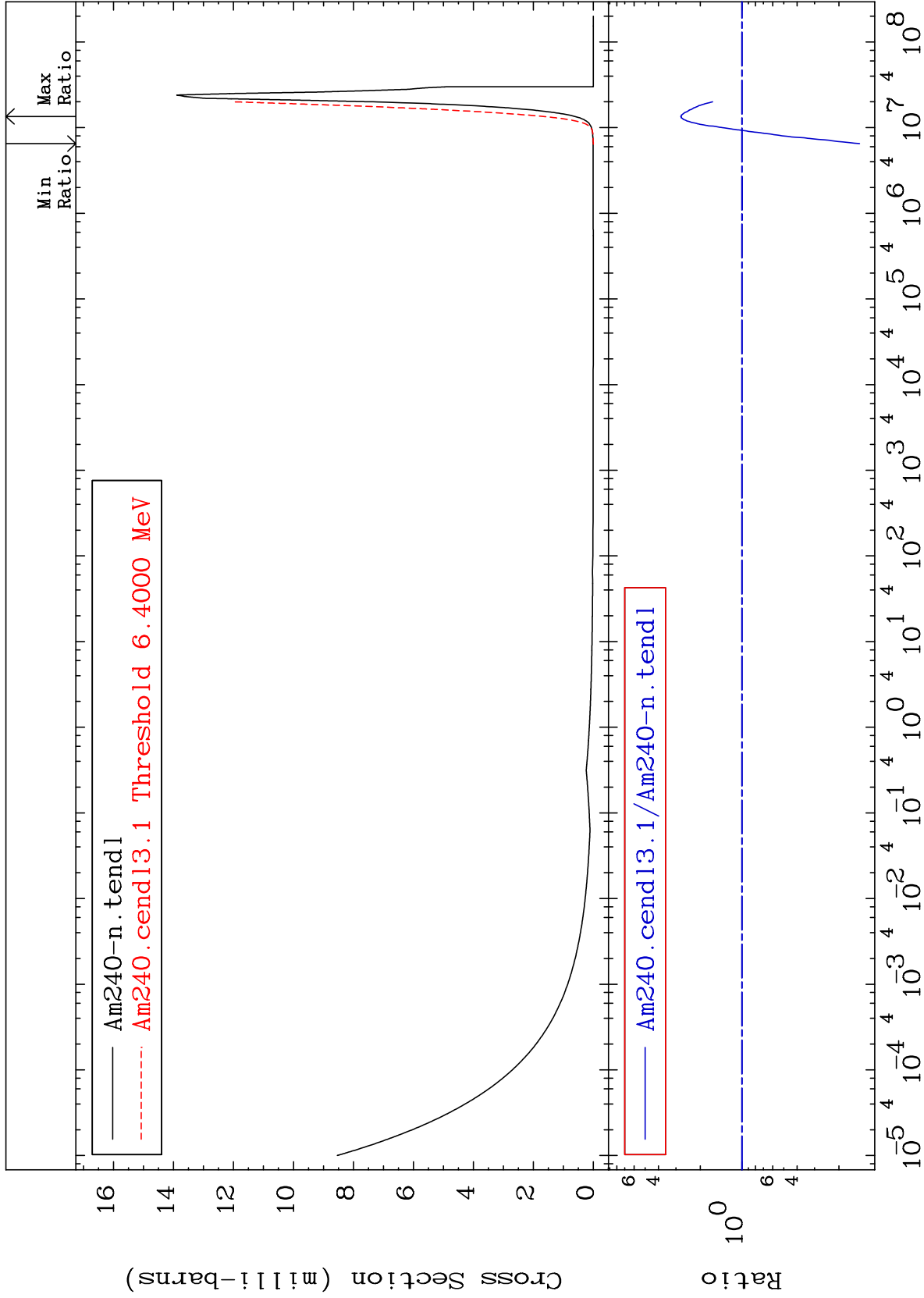
(n, t) Cross Section
95-Am-240
3162. To 9999. %



MAT 9540

(n, α)
Cross Section

95-Am-240
-85.81 To 176.4 %



19

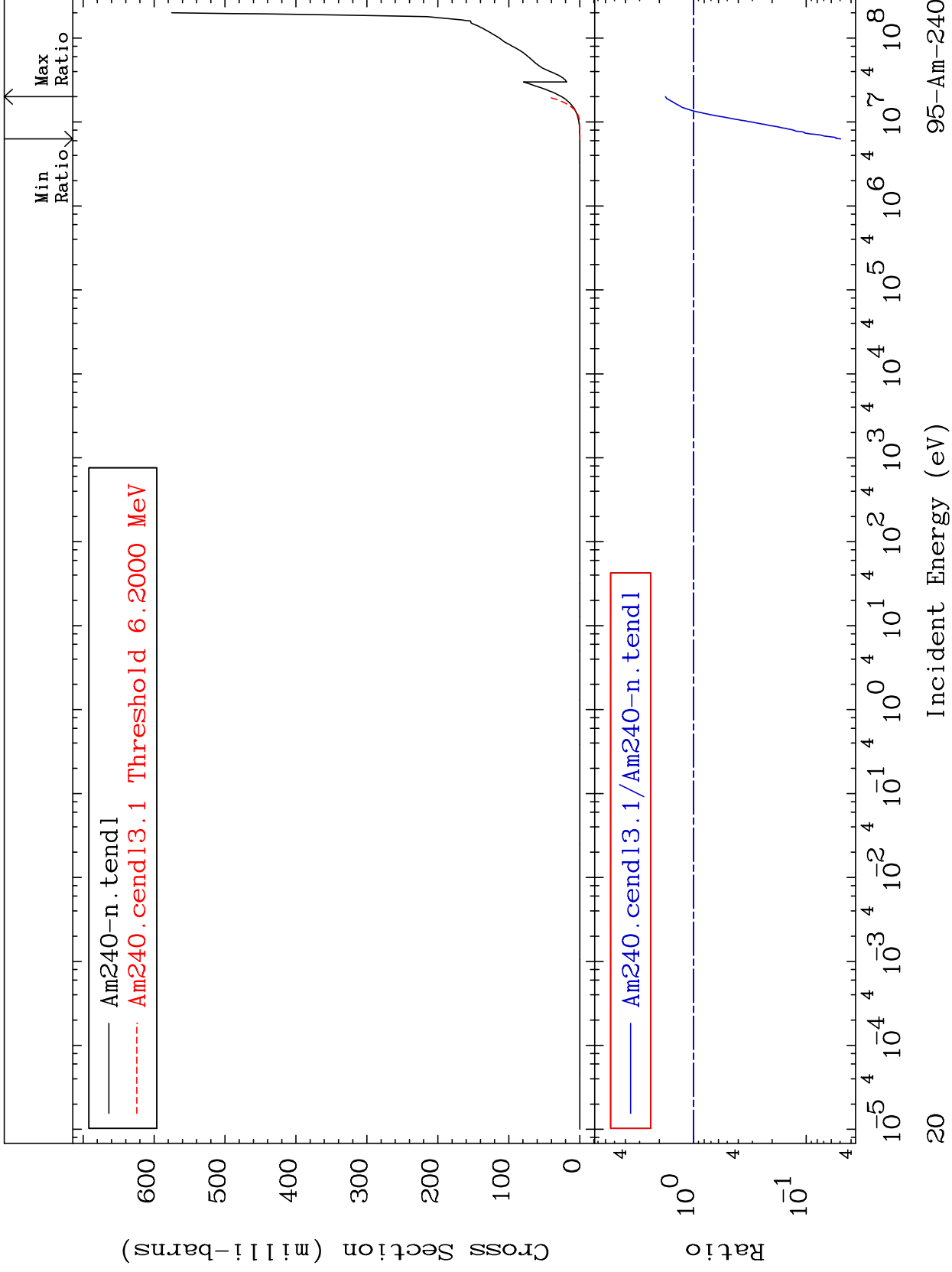
Incident Energy (eV)

95-Am-240

MAT 9540

Hydrogen Production
Cross Section

95-Am-240
-95.05 To 76.63 %



20

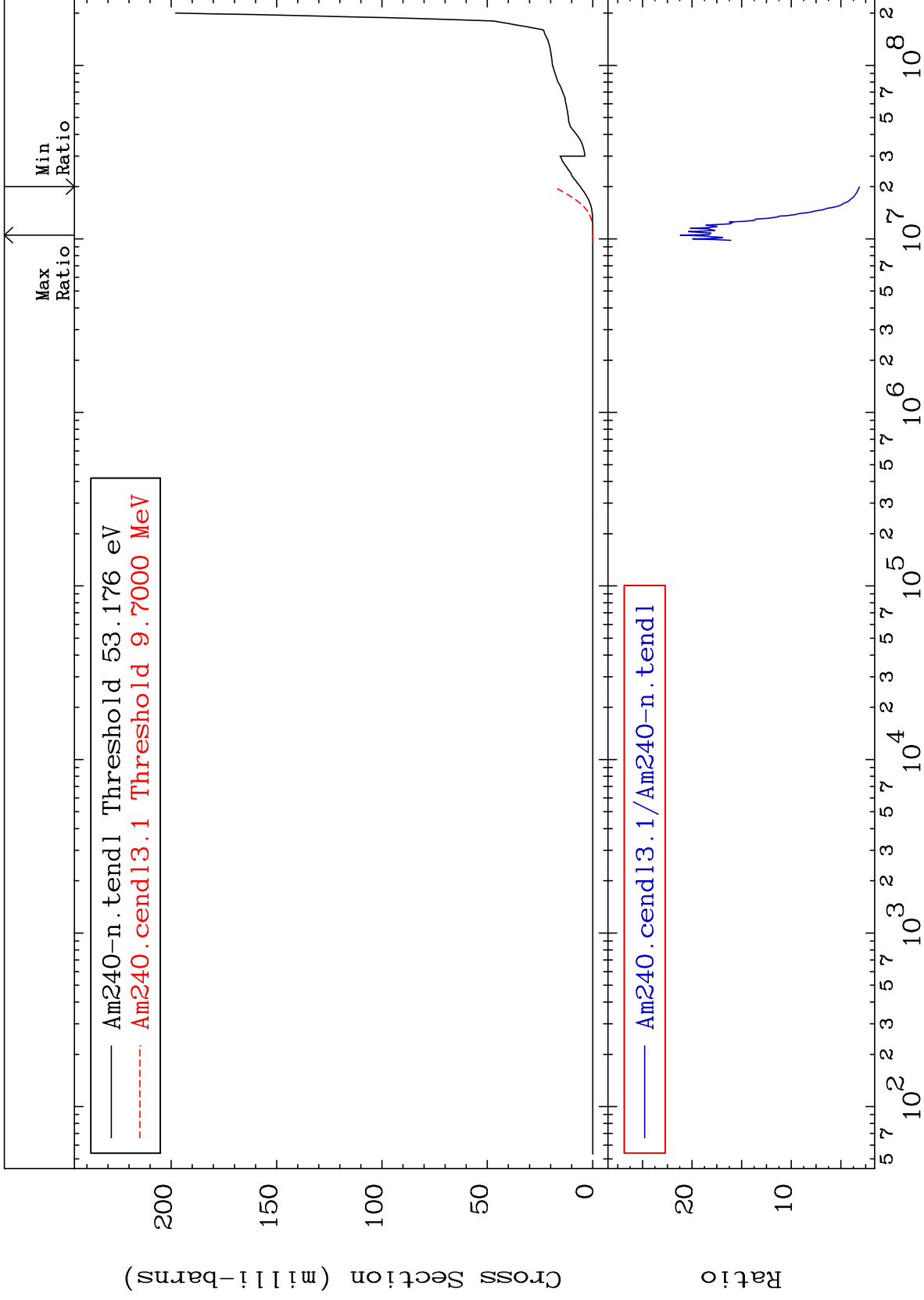
Incident Energy (eV)

95-Am-240

MAT 9540

Deuterium Production
Cross Section

95-Am-240
To 2018. %



21

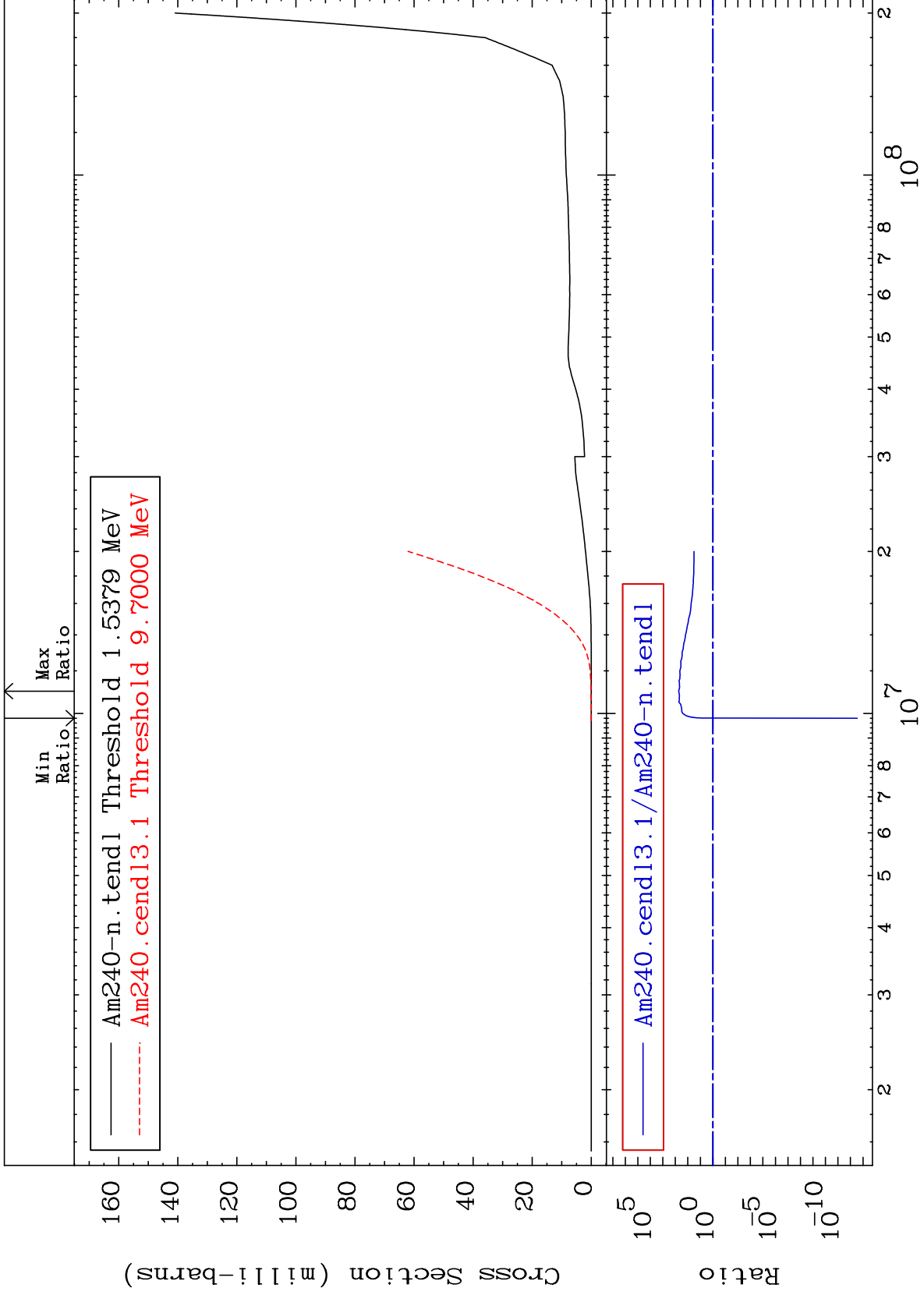
Incident Energy (eV)

95-Am-240

MAT 9540

Tritium Production
Cross Section

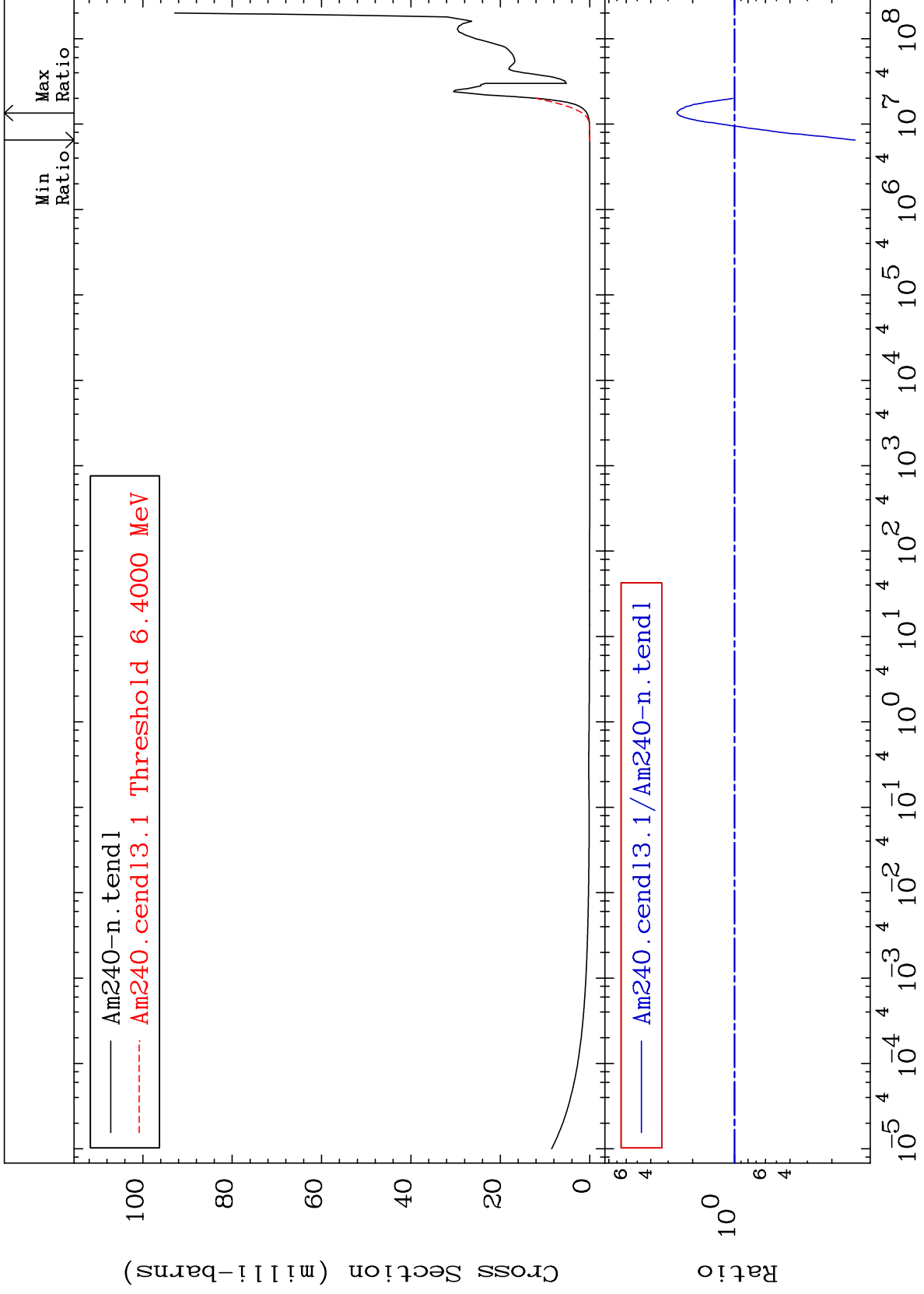
95-Am-240
-100.0 To 9999. %



MAT 9540

He-4 Production
Cross Section

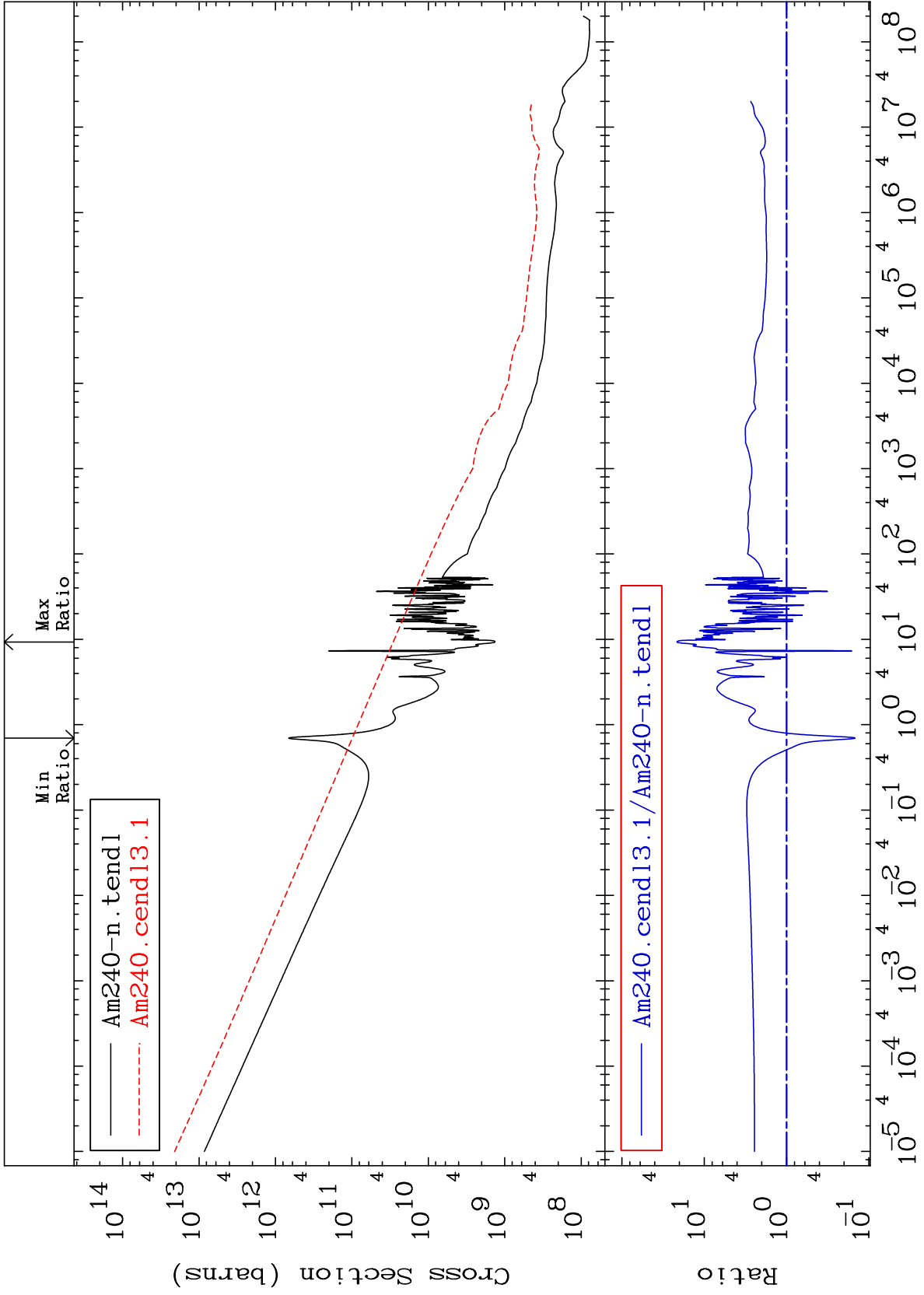
95-Am-240
-86.38 To 159.3 %



MAT 9540

Kerma total (eV-barns)
Cross Section

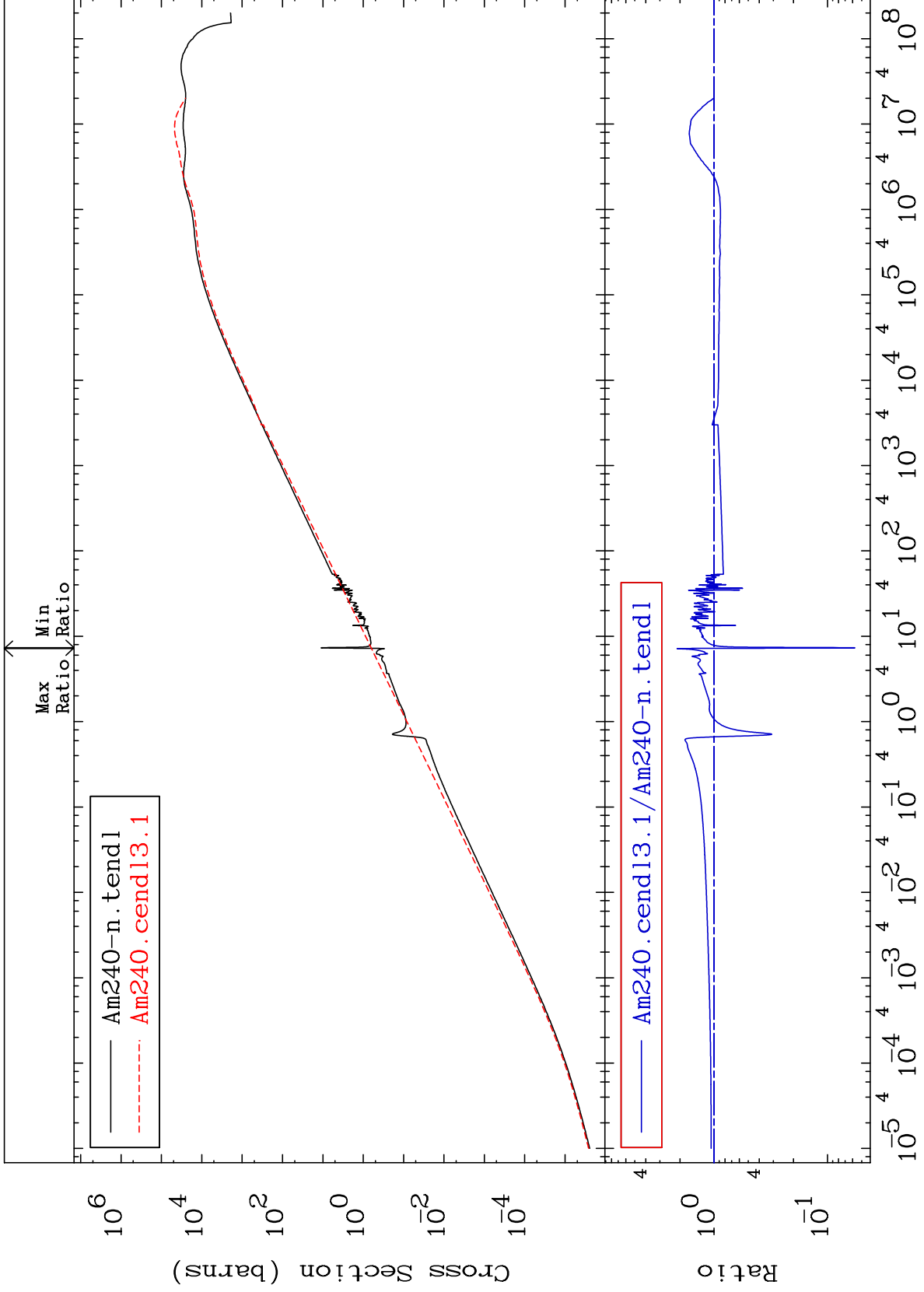
95-Am-240
-85.30 To 2046. %



MAT 9540

Kerma elastic
Cross Section

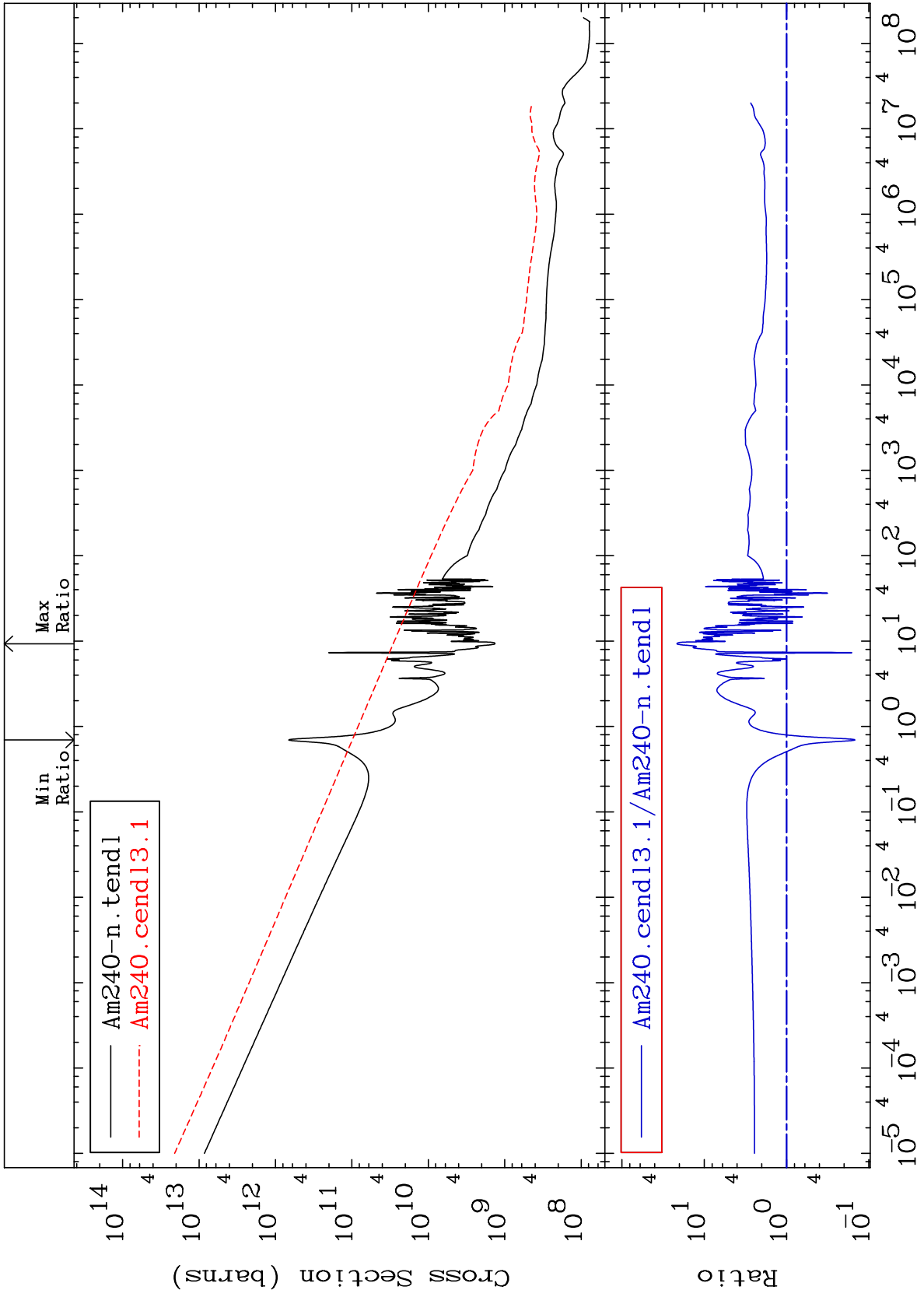
95-Am-240
-94.29 To 112.6 %



MAT 9540

Kerma non-elastic (all but mt2)
Cross Section

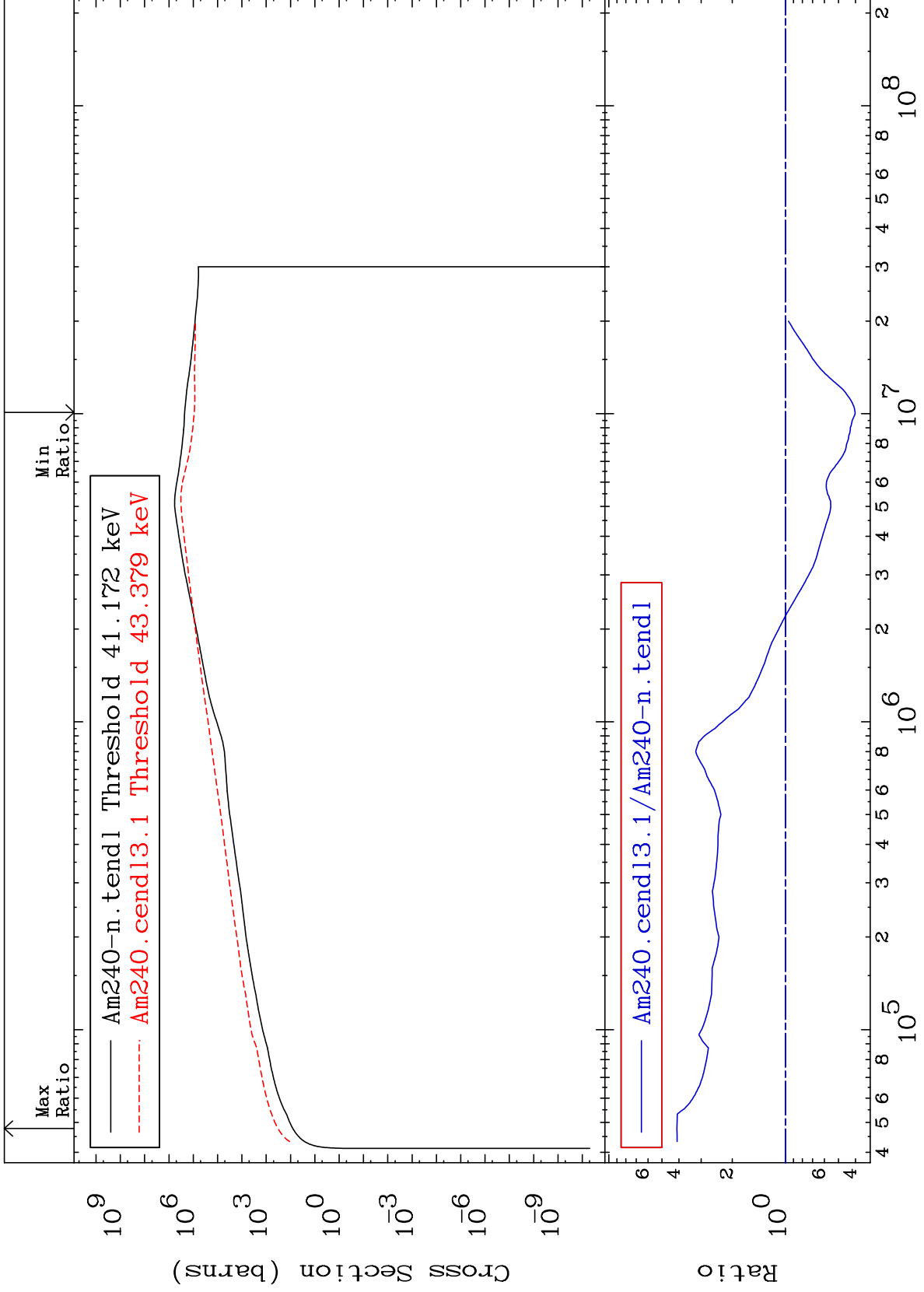
95-Am-240
-85.30 To 2046. %



MAT 9540

Kerma inelastic (mt51-91)
Cross Section

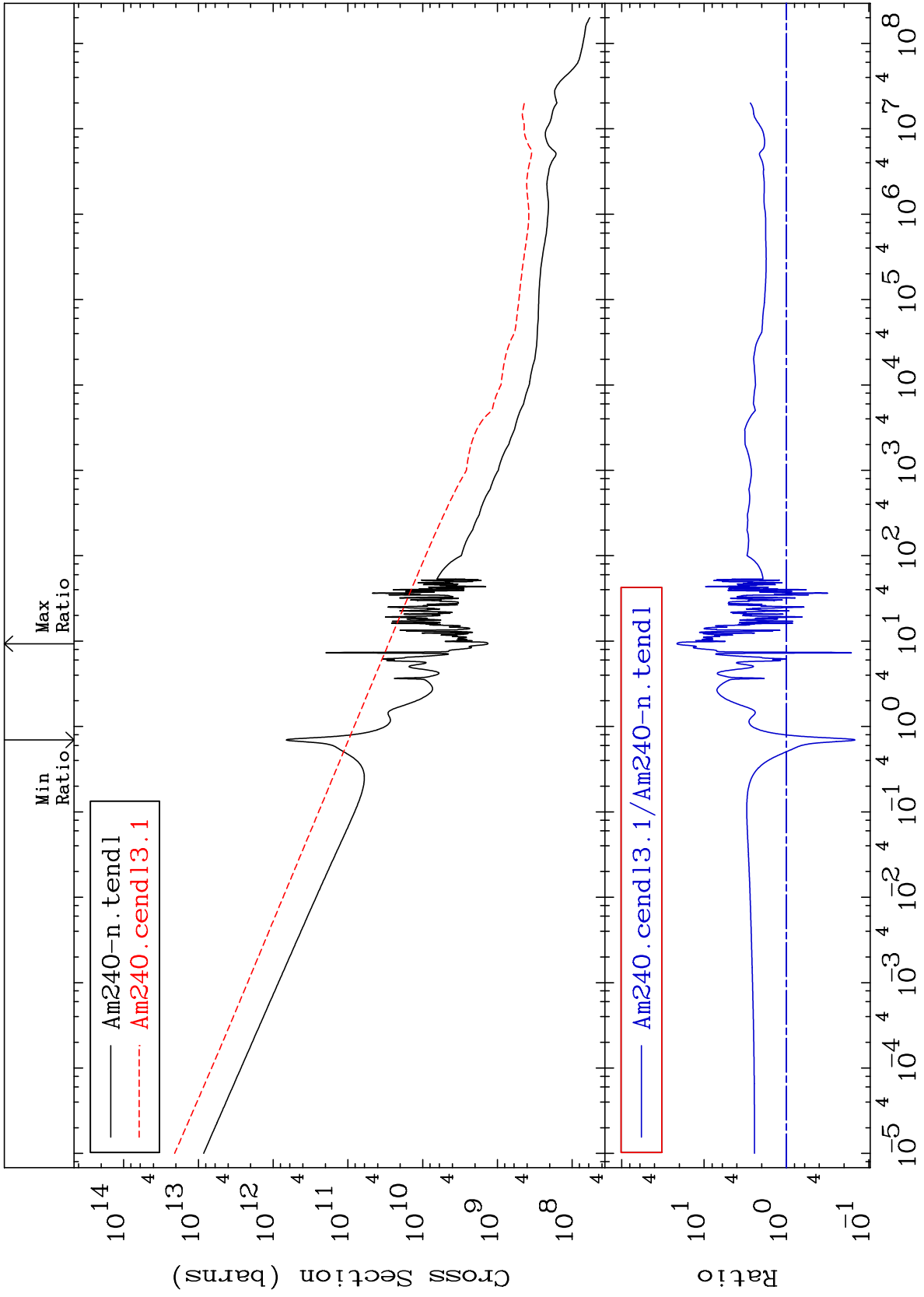
95-Am-240
-59.78 To 311.3 %



MAT 9540

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

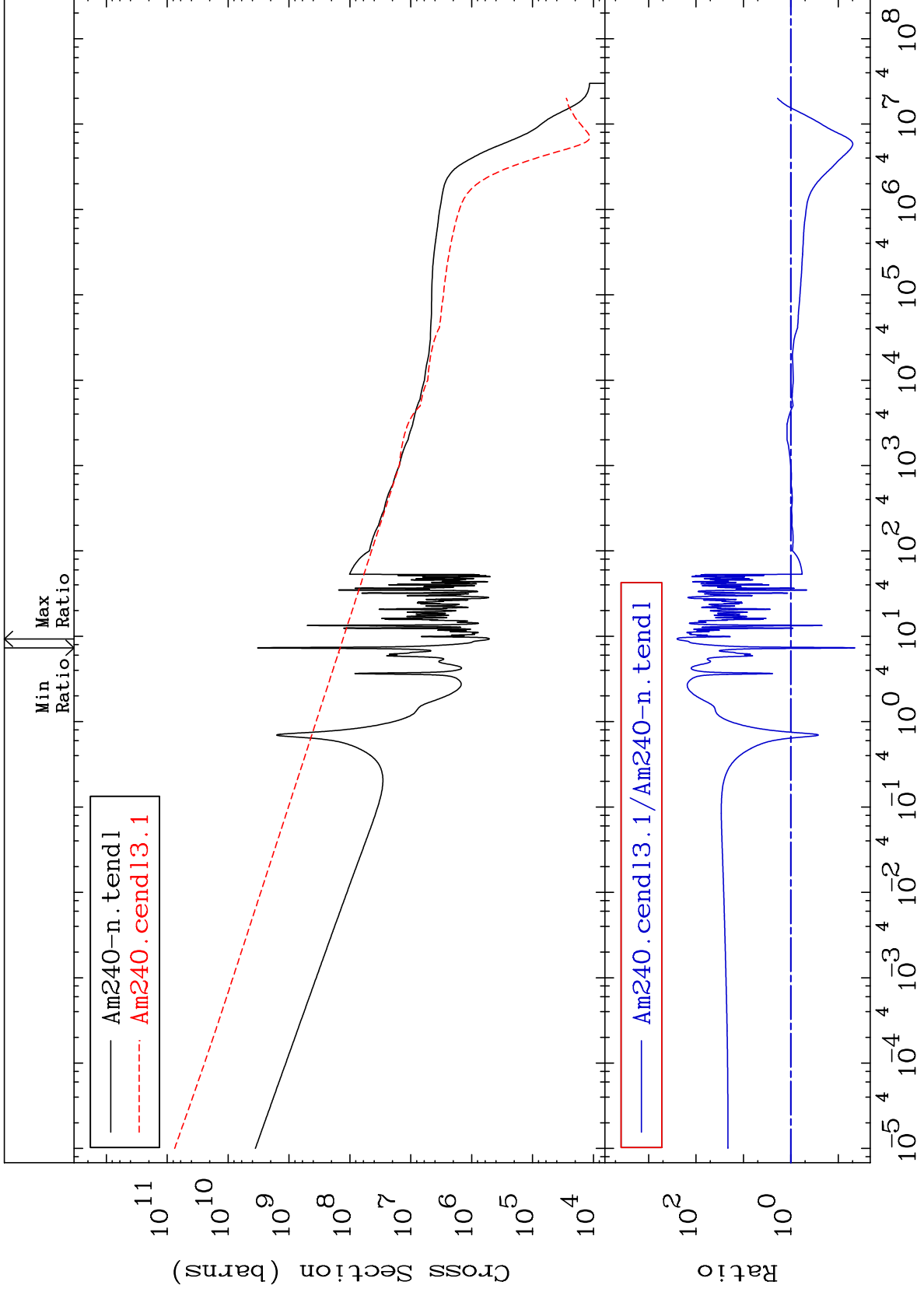
95-Am-240
-85.33 To 2037. %



MAT 9540

Kerma capture (mt102)
Cross Section

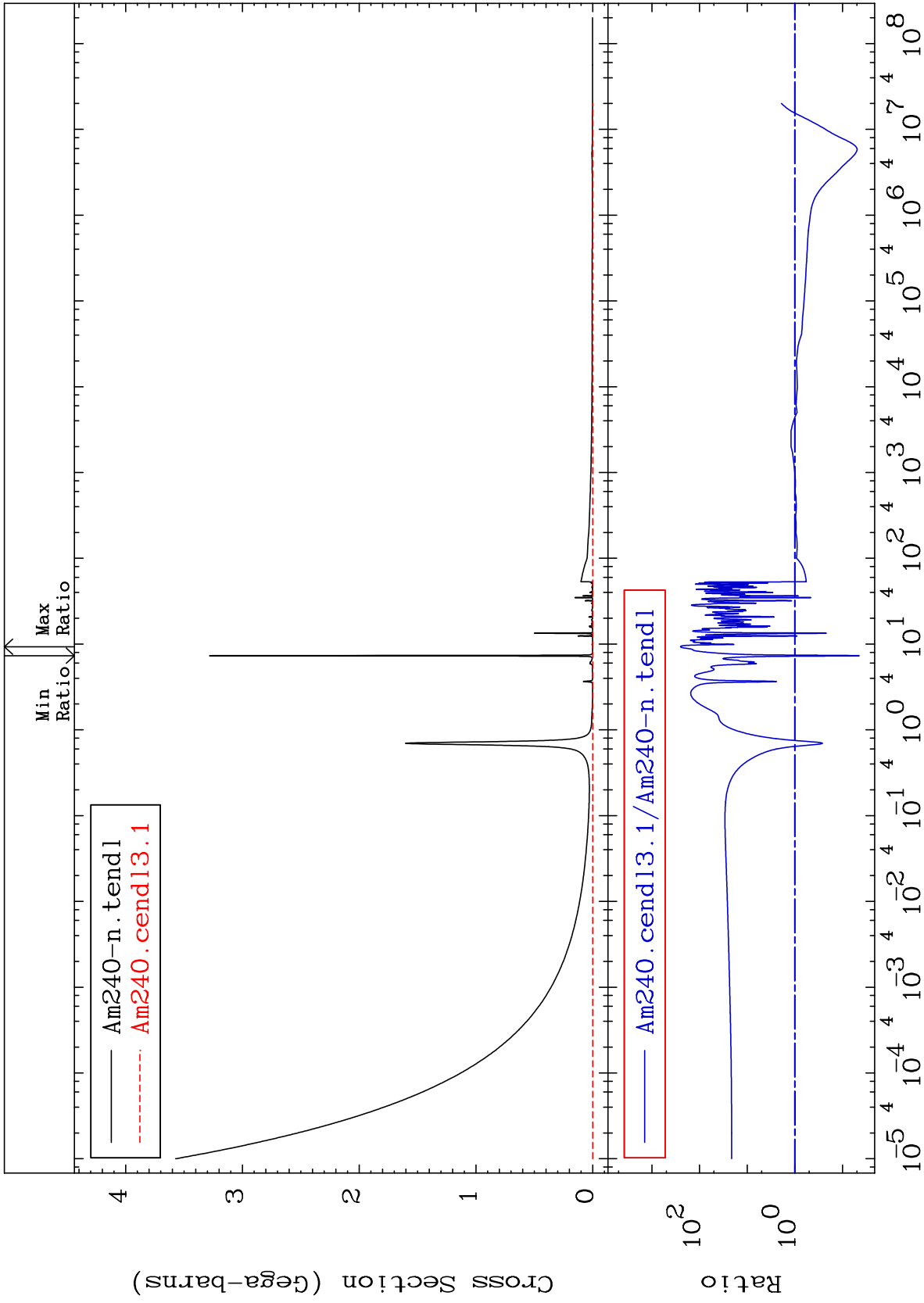
95-Am-240
-95.58 To 9999. %



MAT 9540

Total photon (eV-barns)
Cross Section

95-Am-240
-95.58 To 9999. %



30

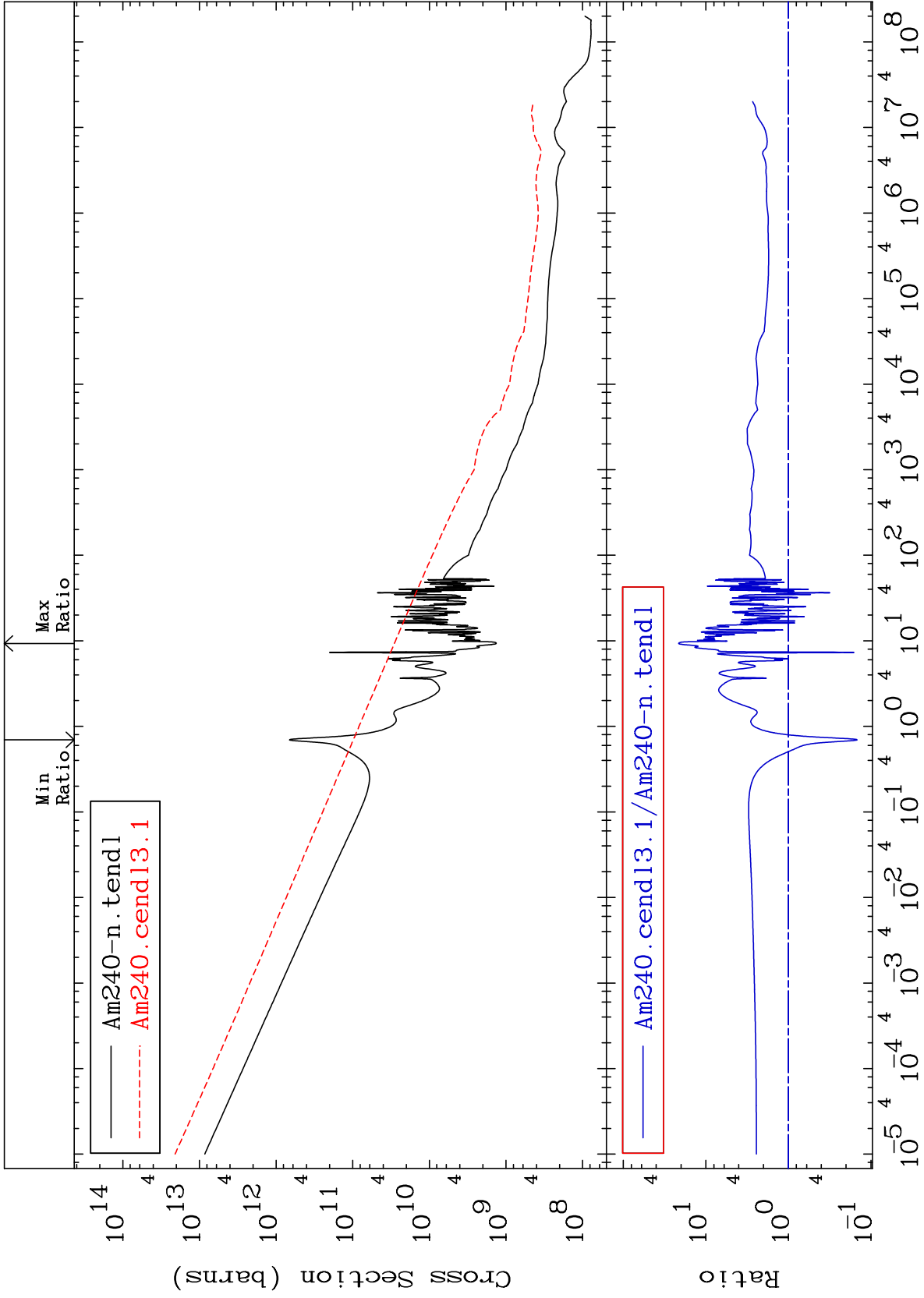
Incident Energy (eV)

95-Am-240

MAT 9540

Total kinematic kerma (high limit)
Cross Section

95-Am-240
-85.36 To 2037. %



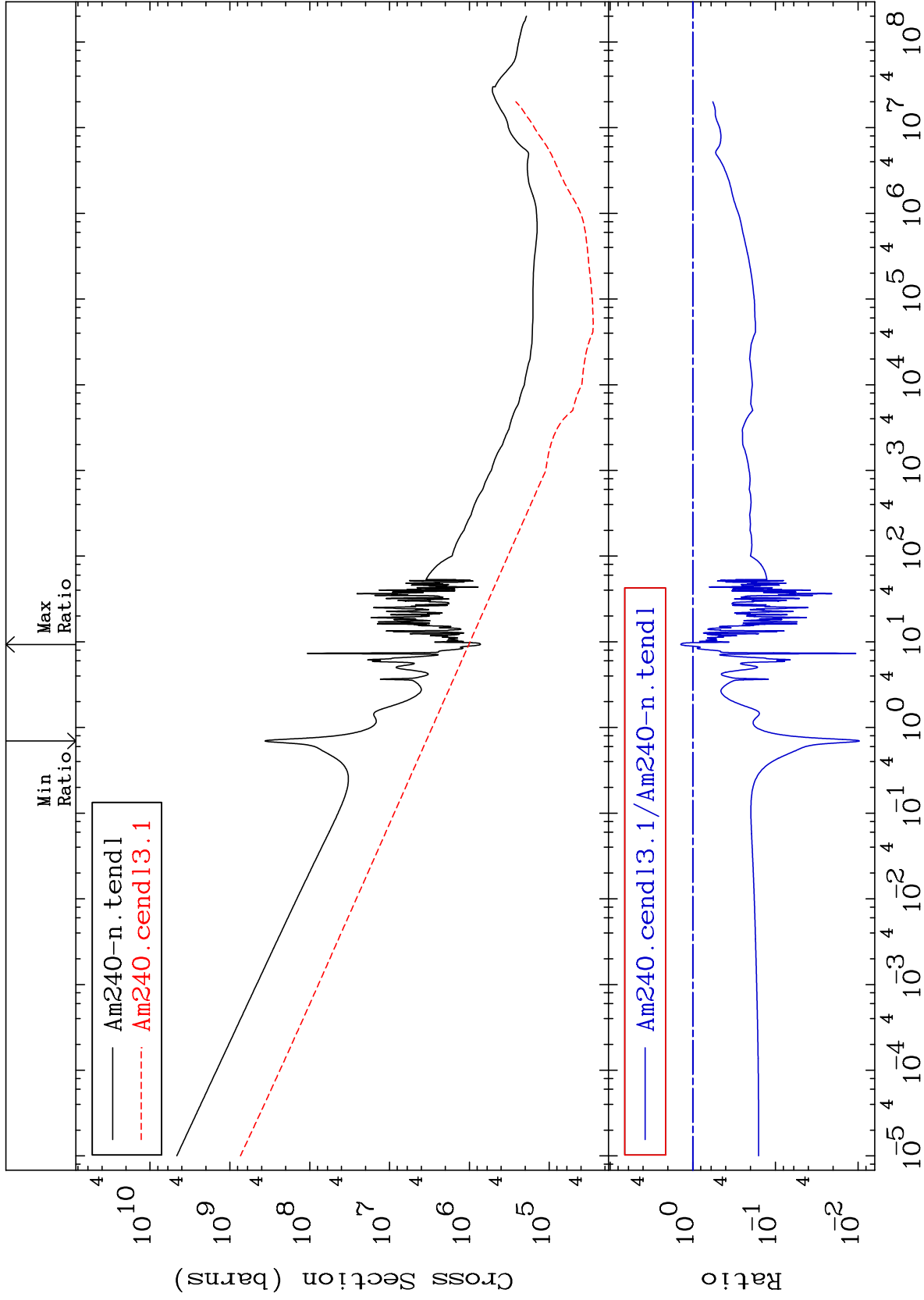
MAT 9540

Dpa total (eV-barns)

95-Am-240

Cross Section

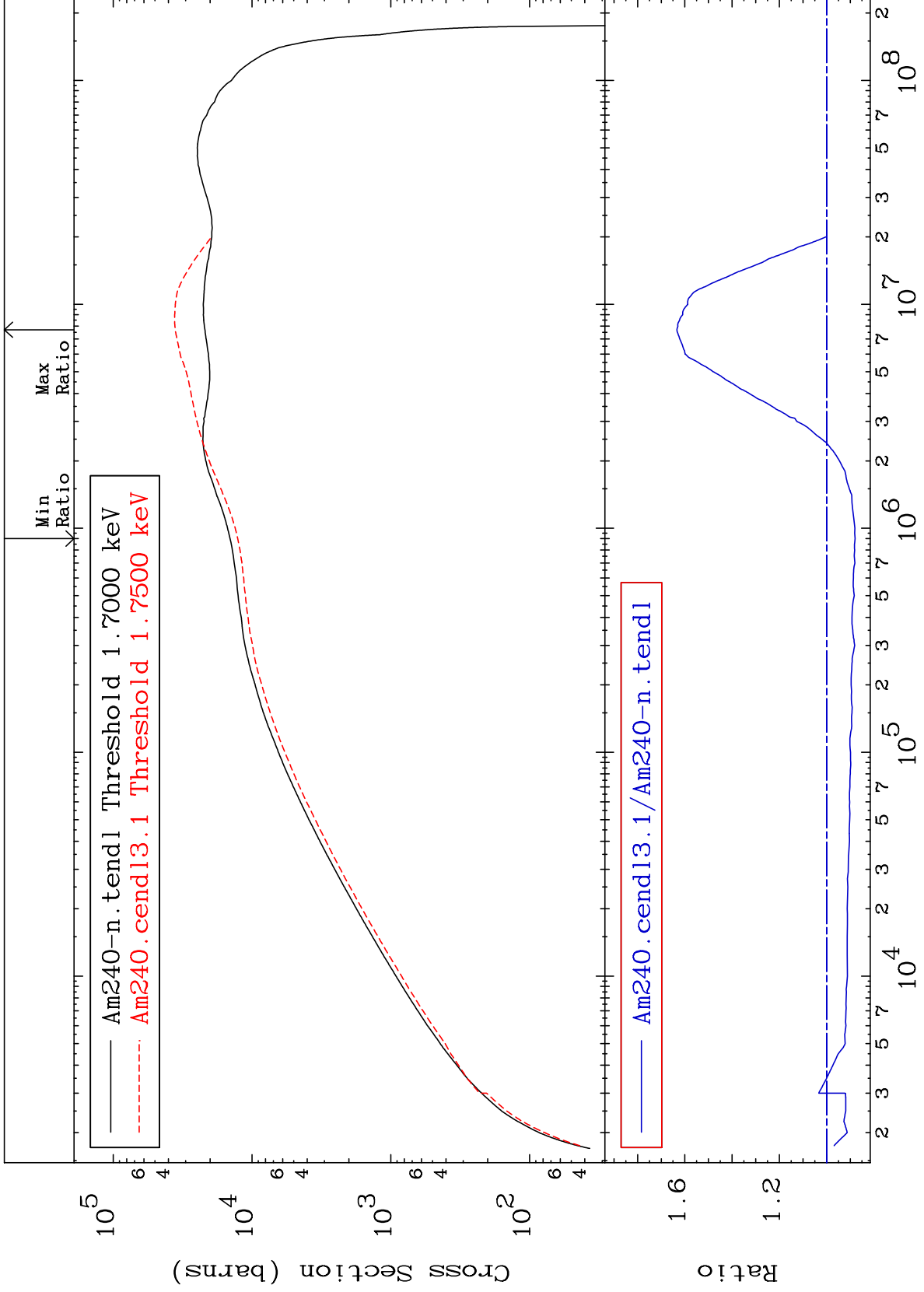
-99.04 To 39.72 %



MAT 9540

Dpa elastic (mt2)
Cross Section

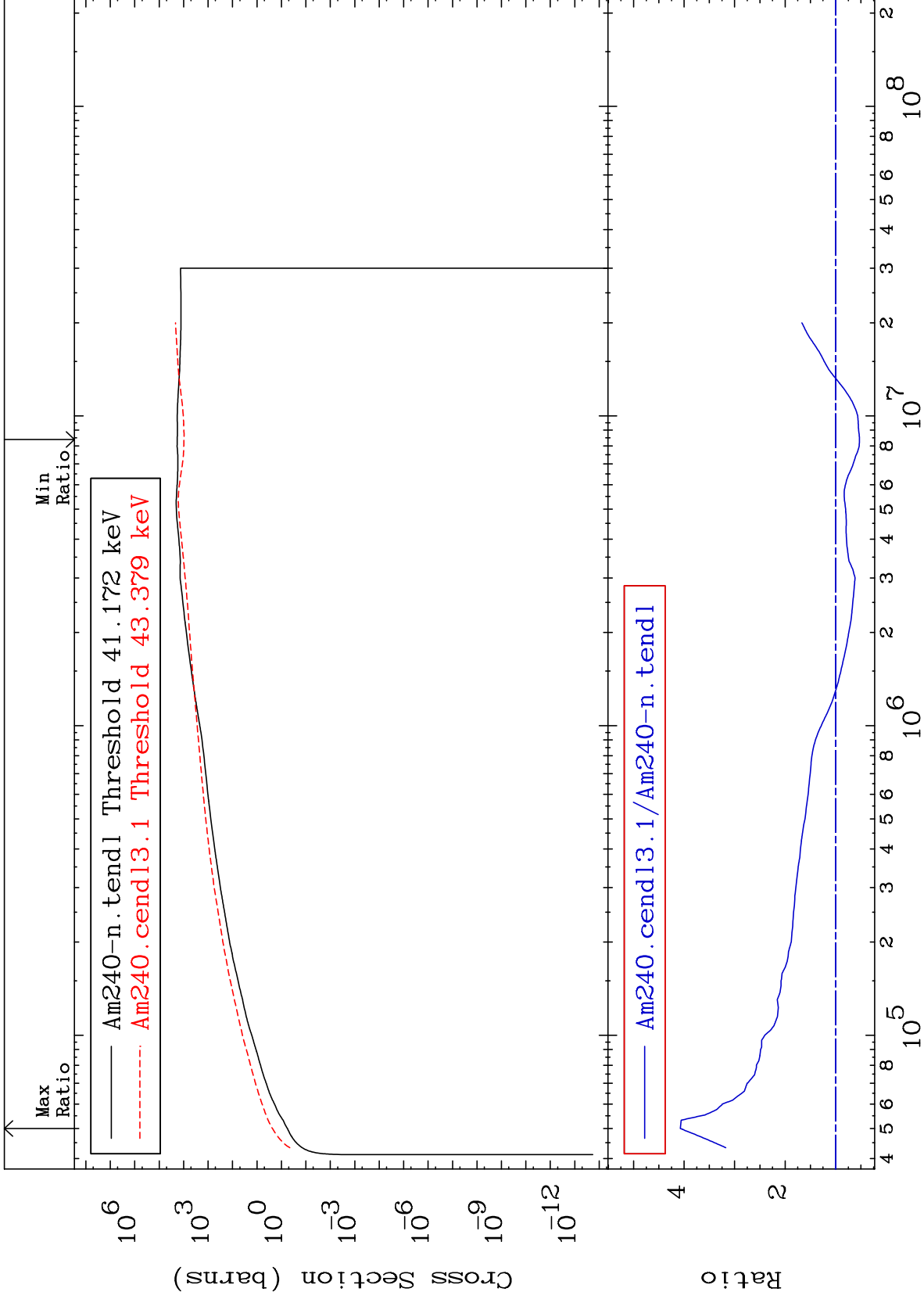
95-Am-240
-12.06 To 63.36 %



MAT 9540

Dpa inelastic (mt51-91)
Cross Section

95-Am-240
-47.07 To 307.4 %



MAT 9540

Dpa disappearance (mt102 -120)
Cross Section

95-Am-240
4.533 To 9999. %

