

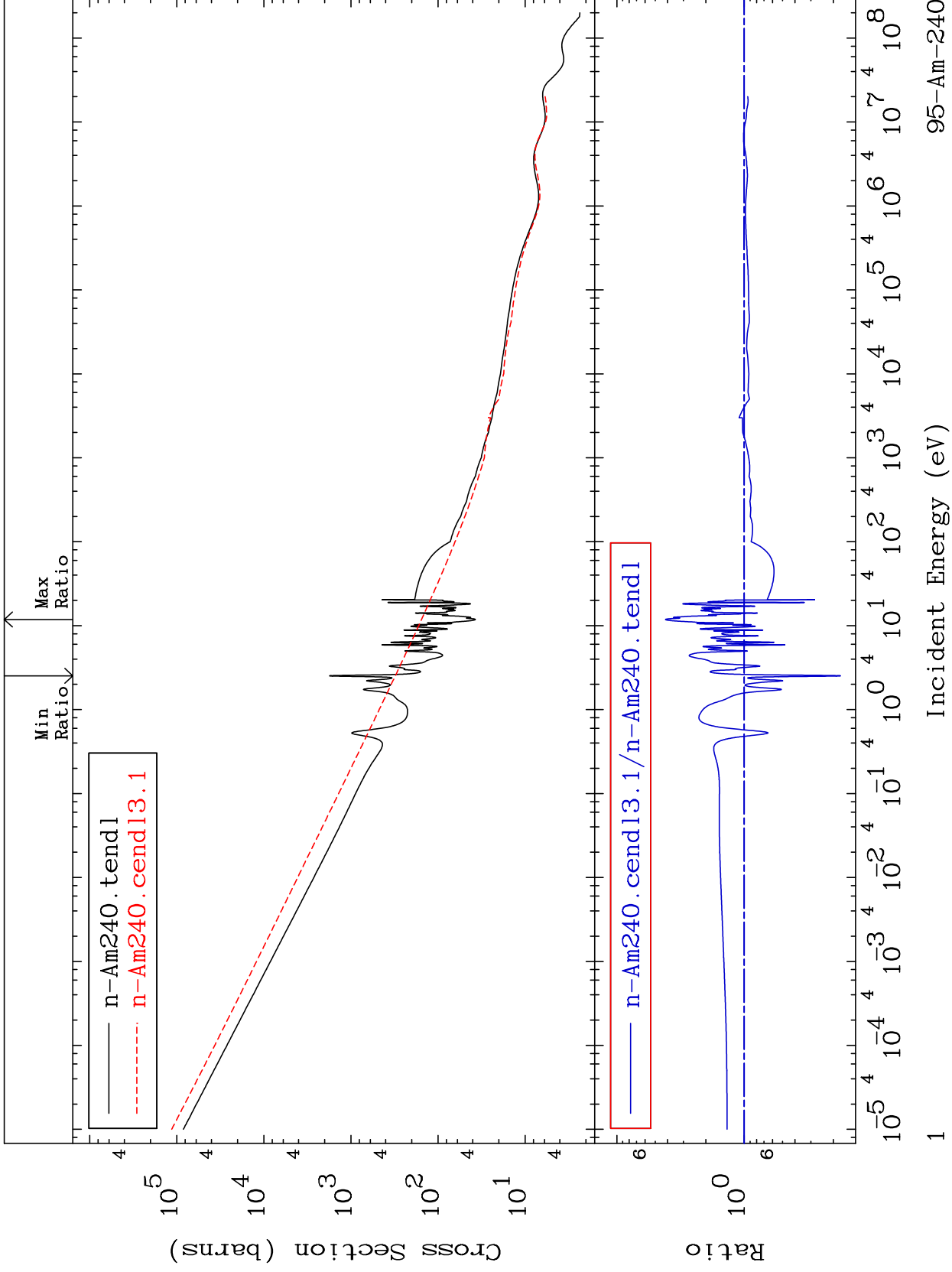
MAT 9540

Total

95-Am-240

Cross Section

-82.50 To 315.0 %



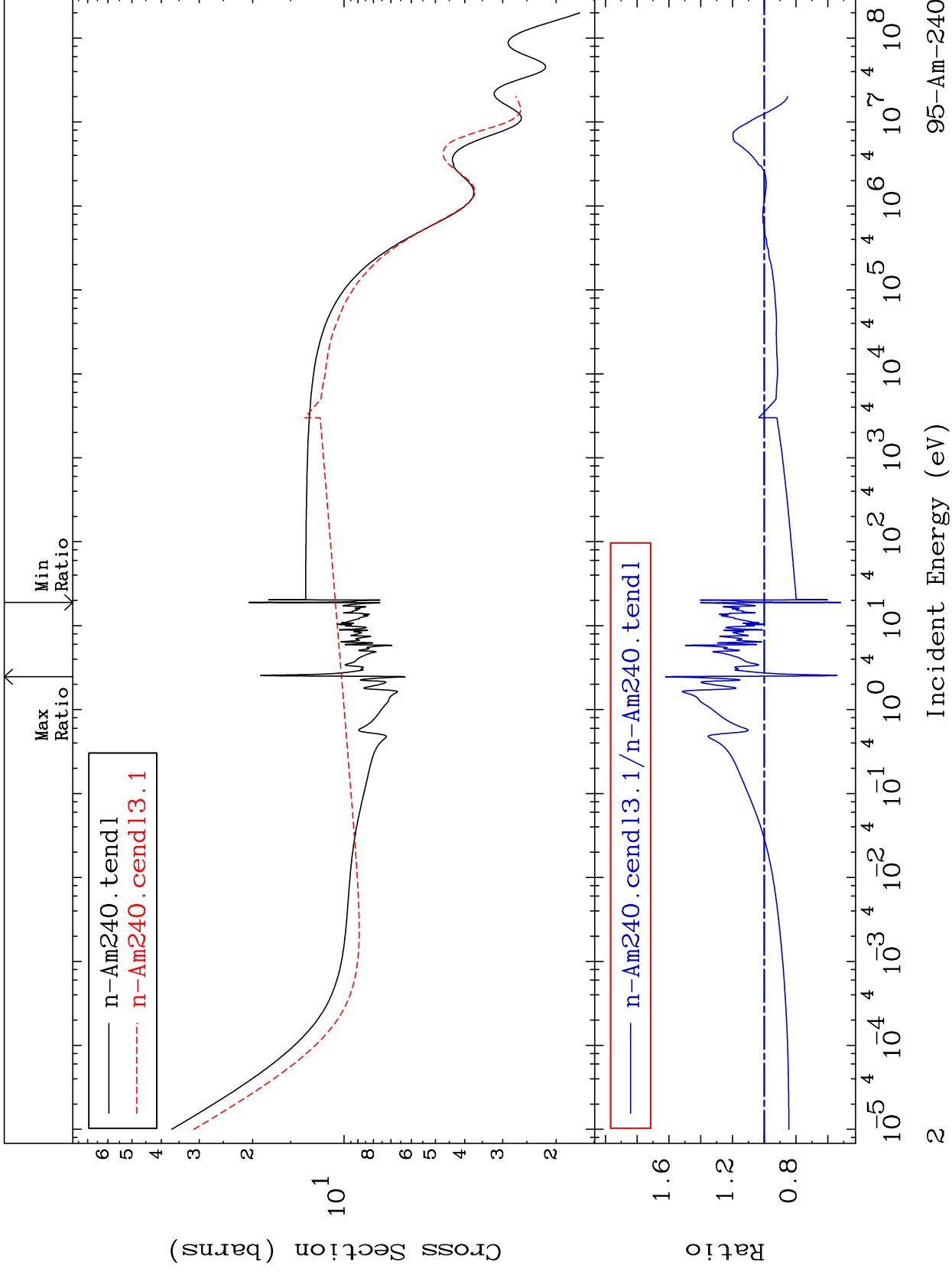
MAT 9540

Elastic

95-Am-240

Cross Section

-48.08 To 62.17 %



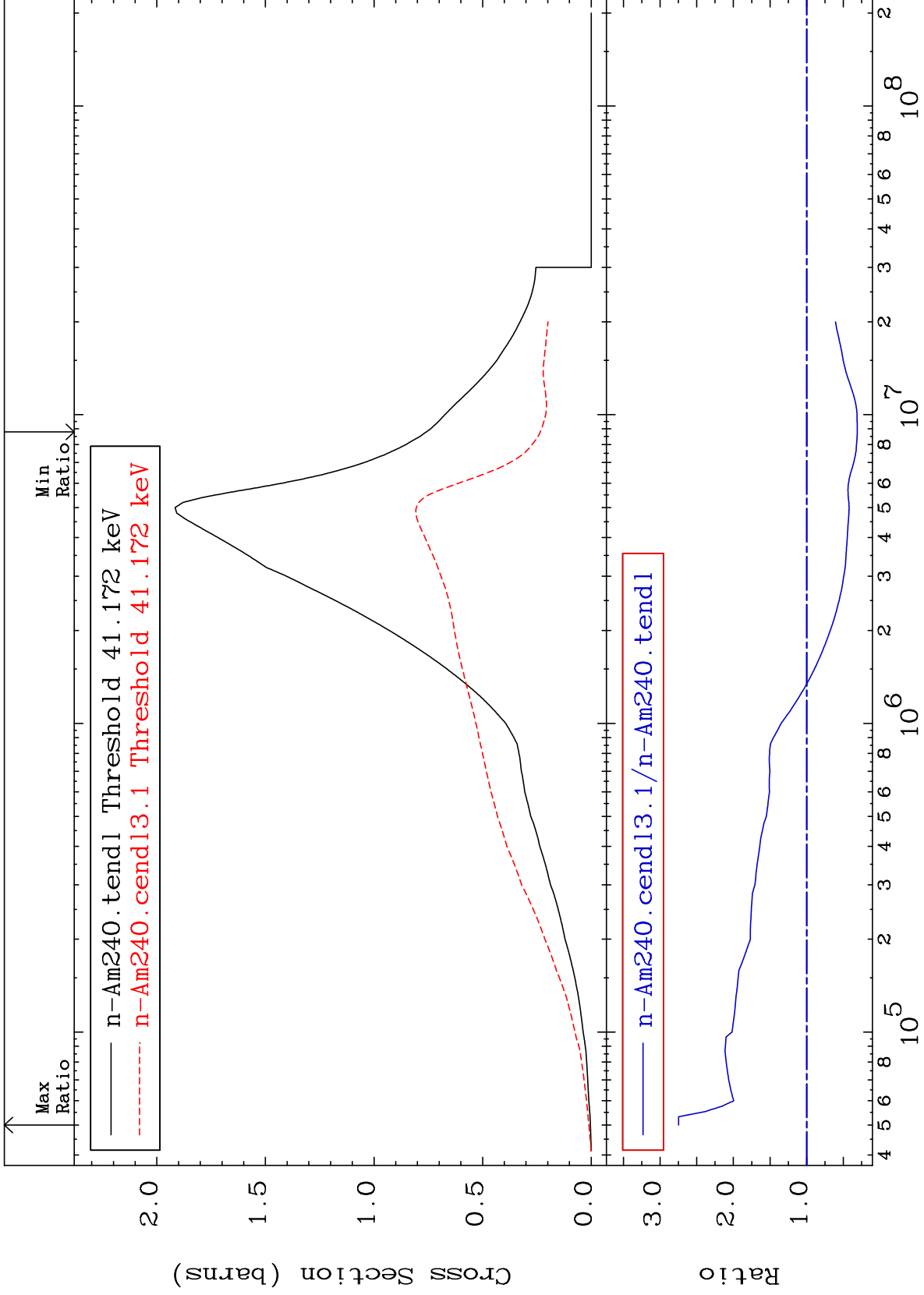
95-Am-240

Incident Energy (eV)

MAT 9540

Inelastic
Cross Section

95-Am-240
-69.15 To 174.8 %



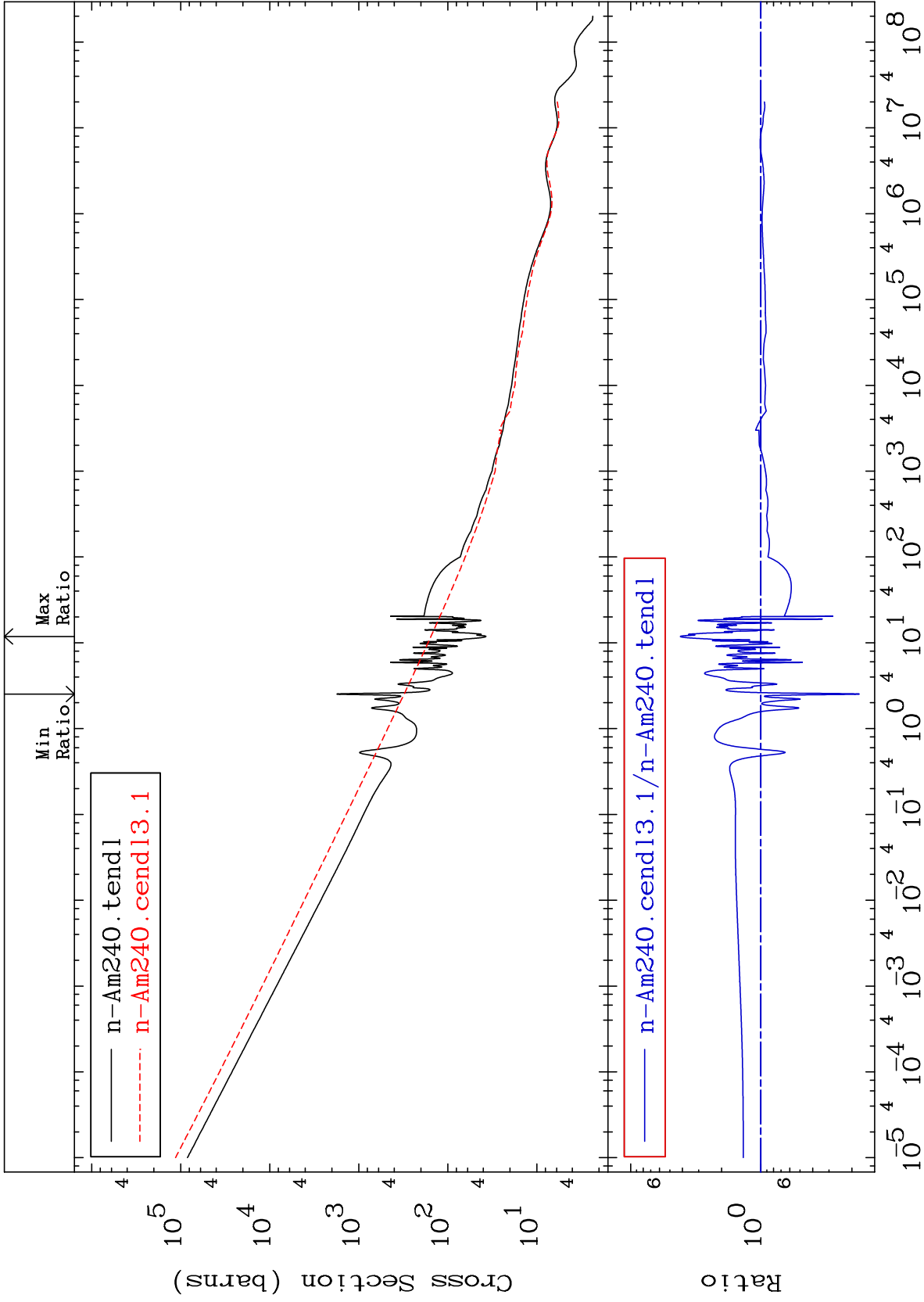
MAT 9540

Total

95-Am-240

Cross Section

-82.50 To 315.0 %



95-Am-240

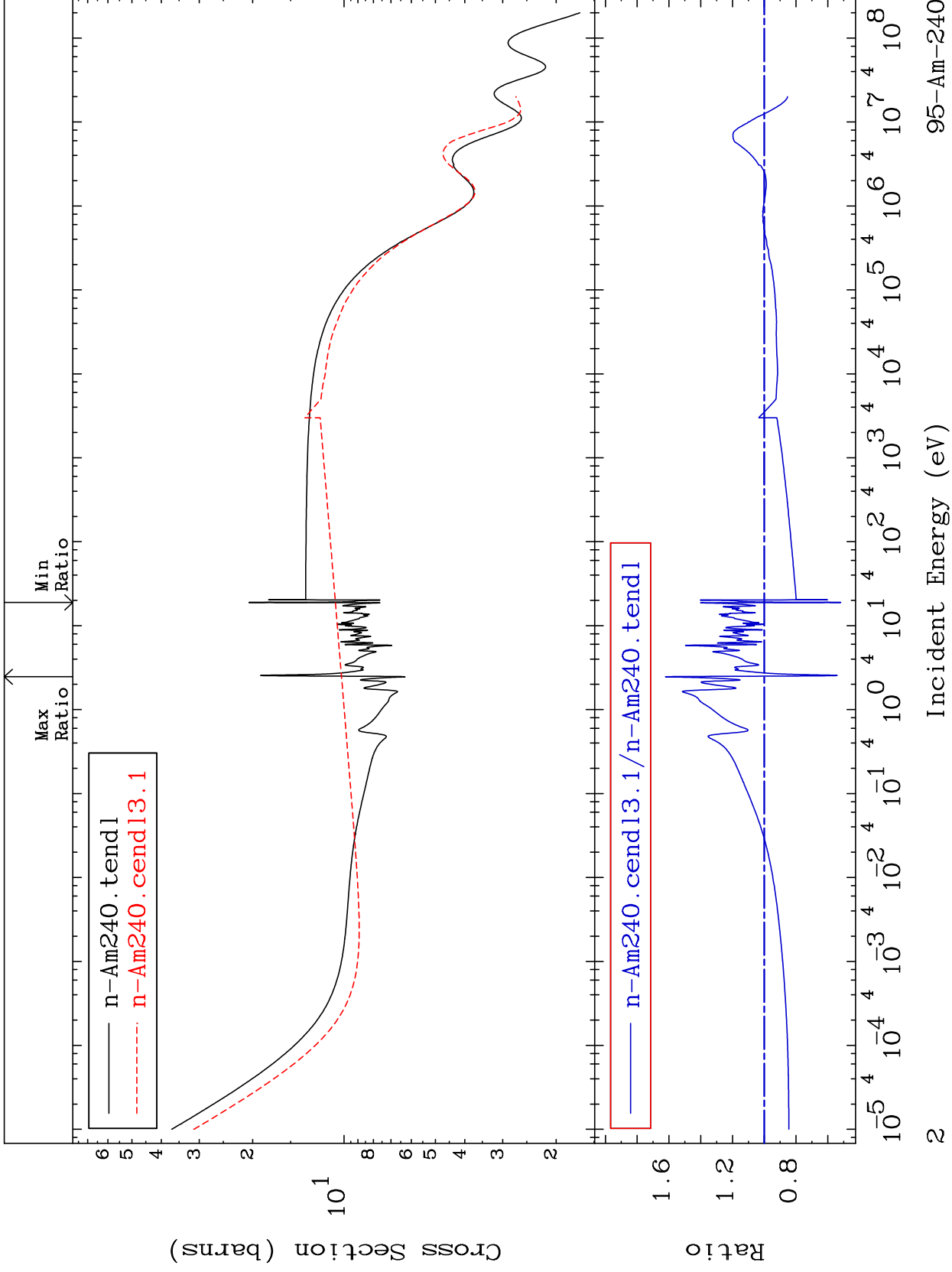
MAT 9540

Elastic

95-Am-240

Cross Section

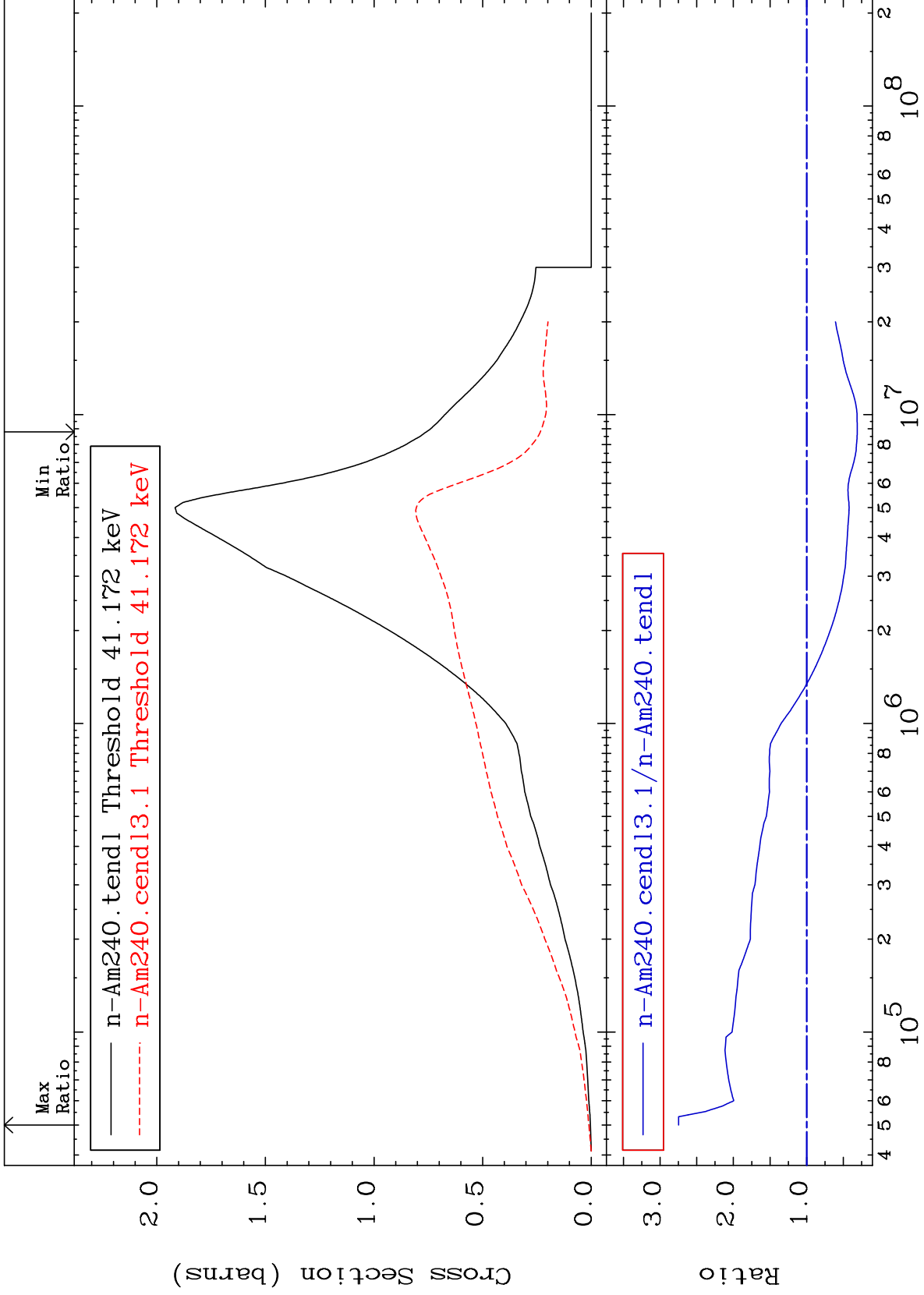
-48.08 To 62.17 %



MAT 9540

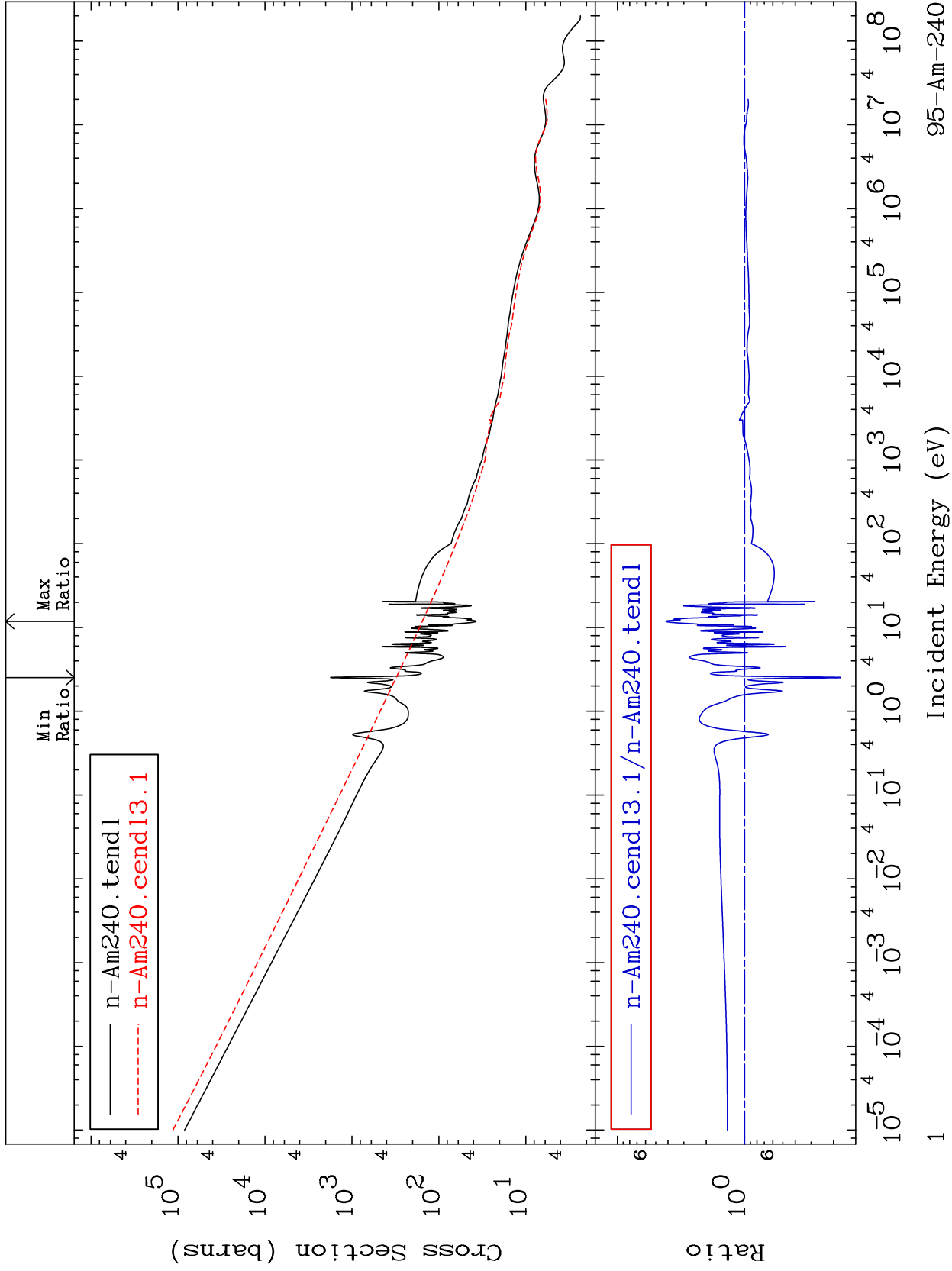
Inelastic
Cross Section

95-Am-240
-69.15 To 174.8 %



MAT 9540

Total Cross Section
95-Am-240
-82.50 To 315.0 %



95-Am-240

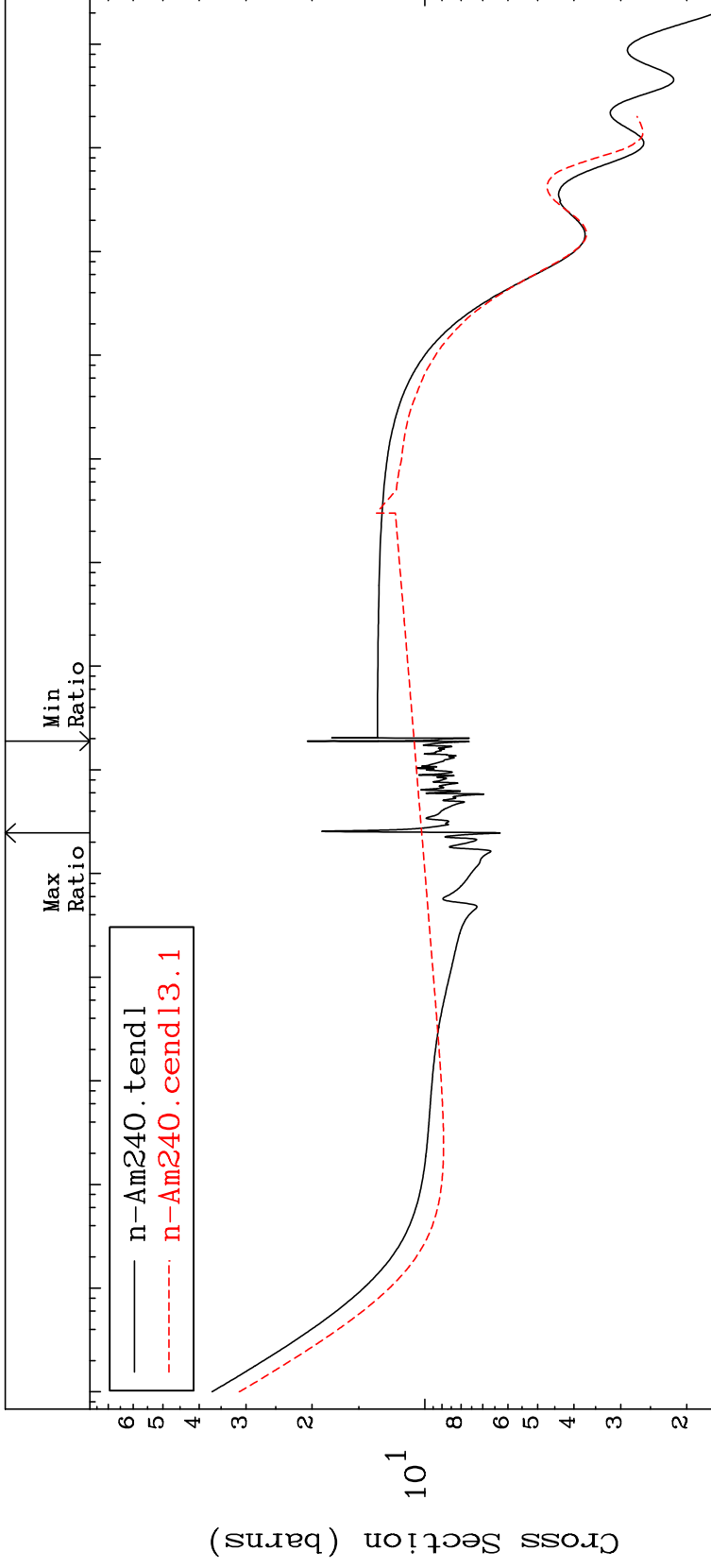
MAT 9540

Elastic

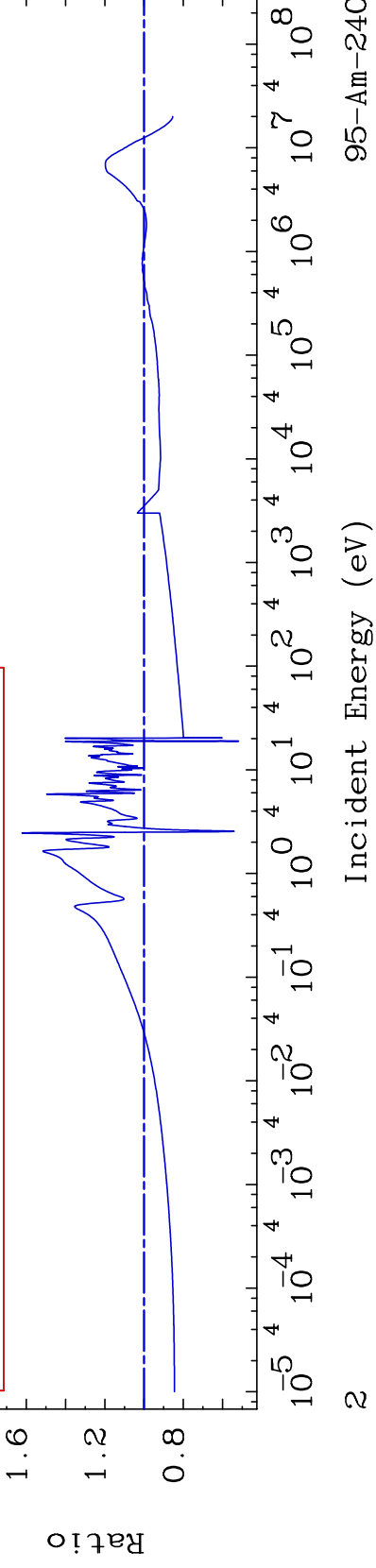
95-Am-240

Cross Section

-48.08 To 62.17 %



n-Am240.cendl3.1/n-Am240.tendl

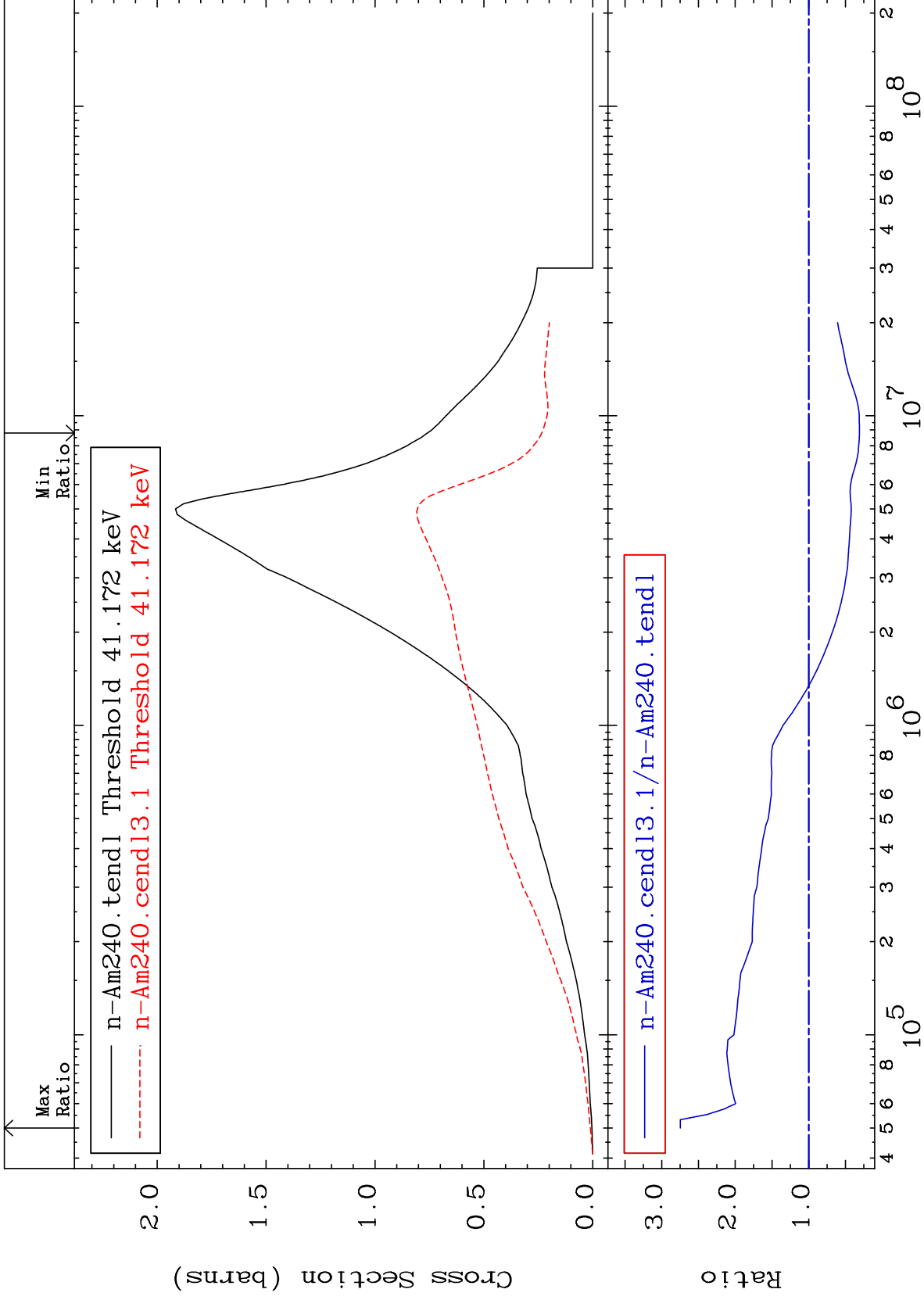


95-Am-240

MAT 9540

Inelastic
Cross Section

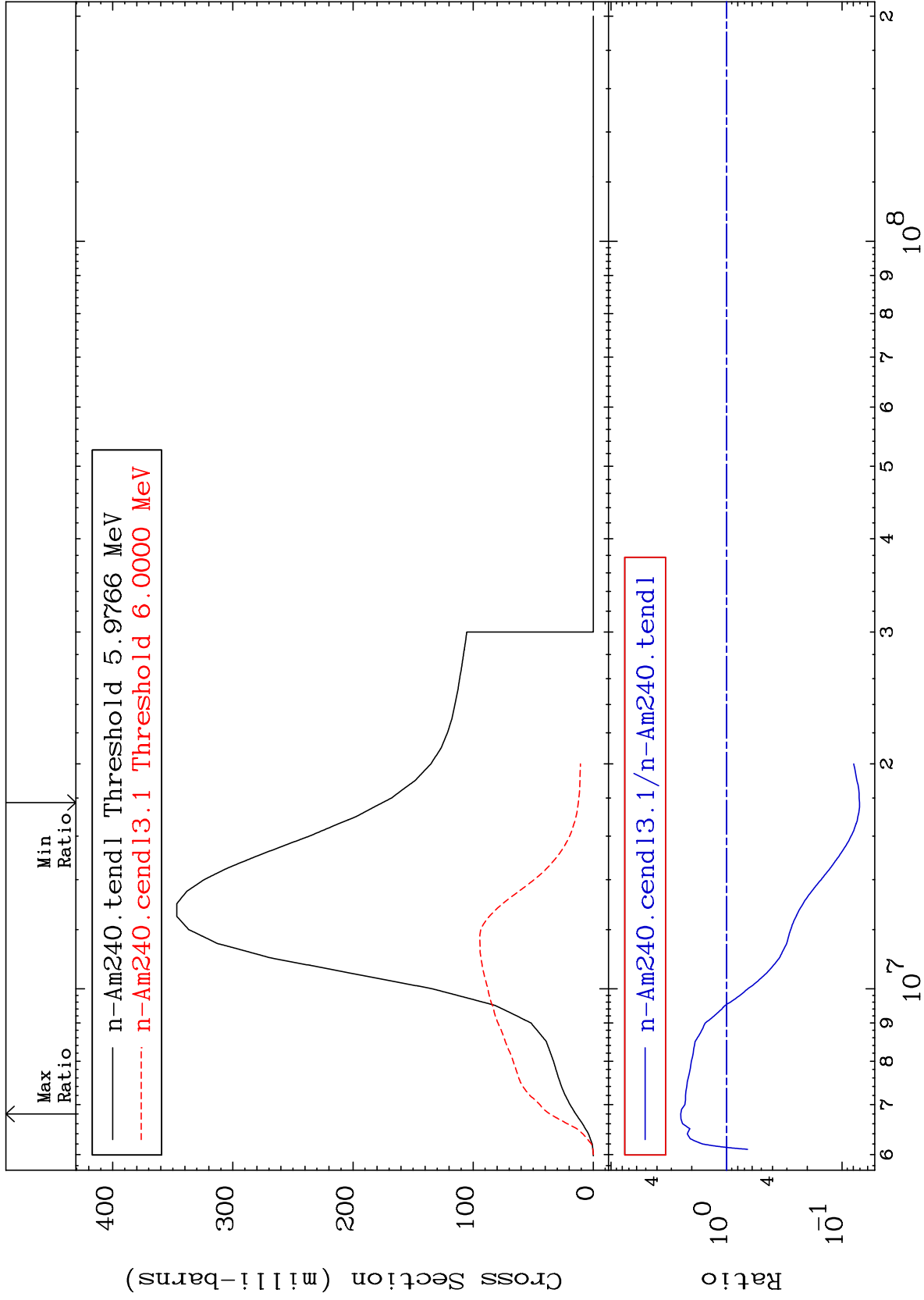
95-Am-240
-69.15 To 174.8 %



MAT 9540

(n,2n)
Cross Section

95-Am-240
-92.95 To 149.1 %



4

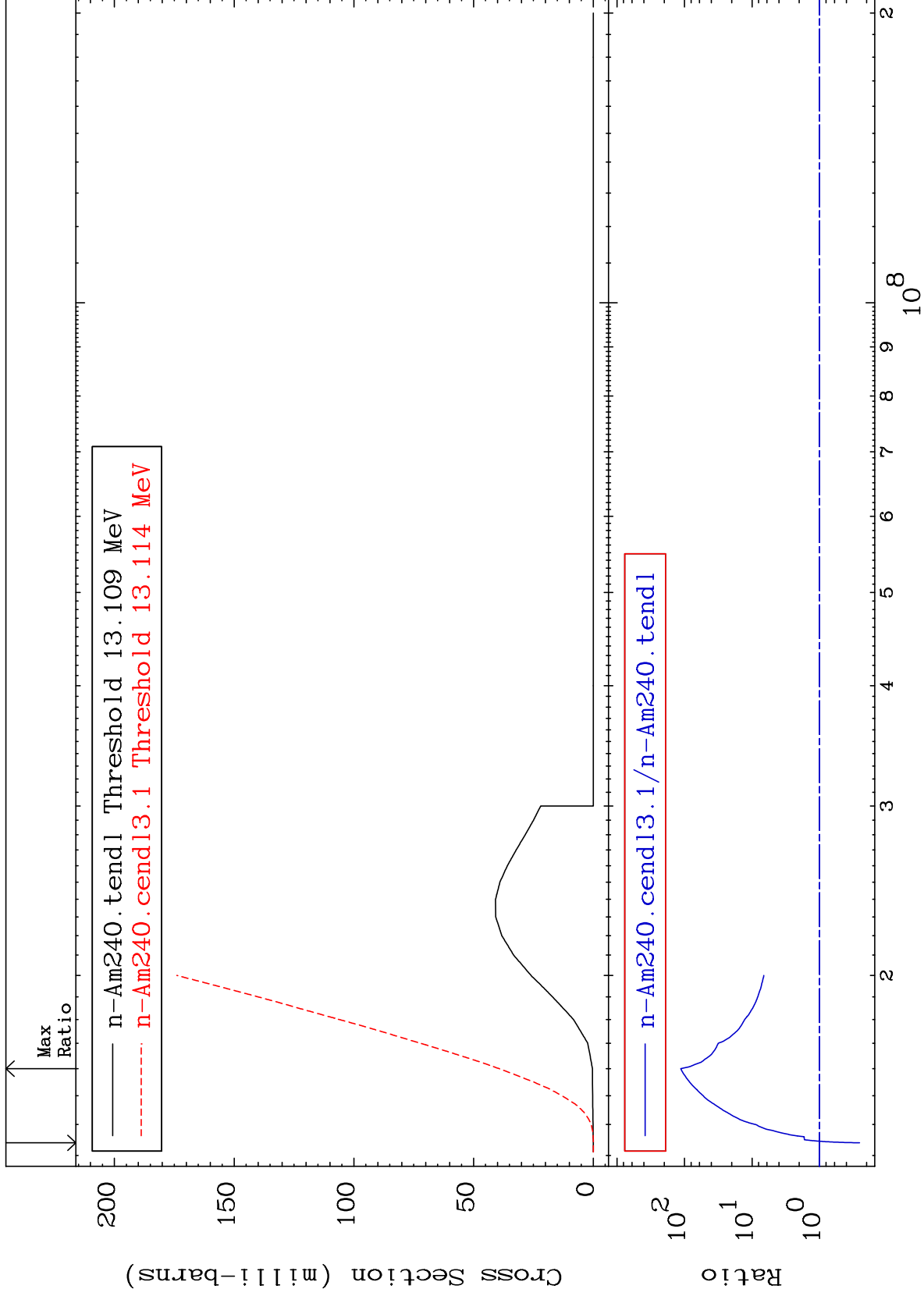
Incident Energy (eV)

95-Am-240

MAT 9540

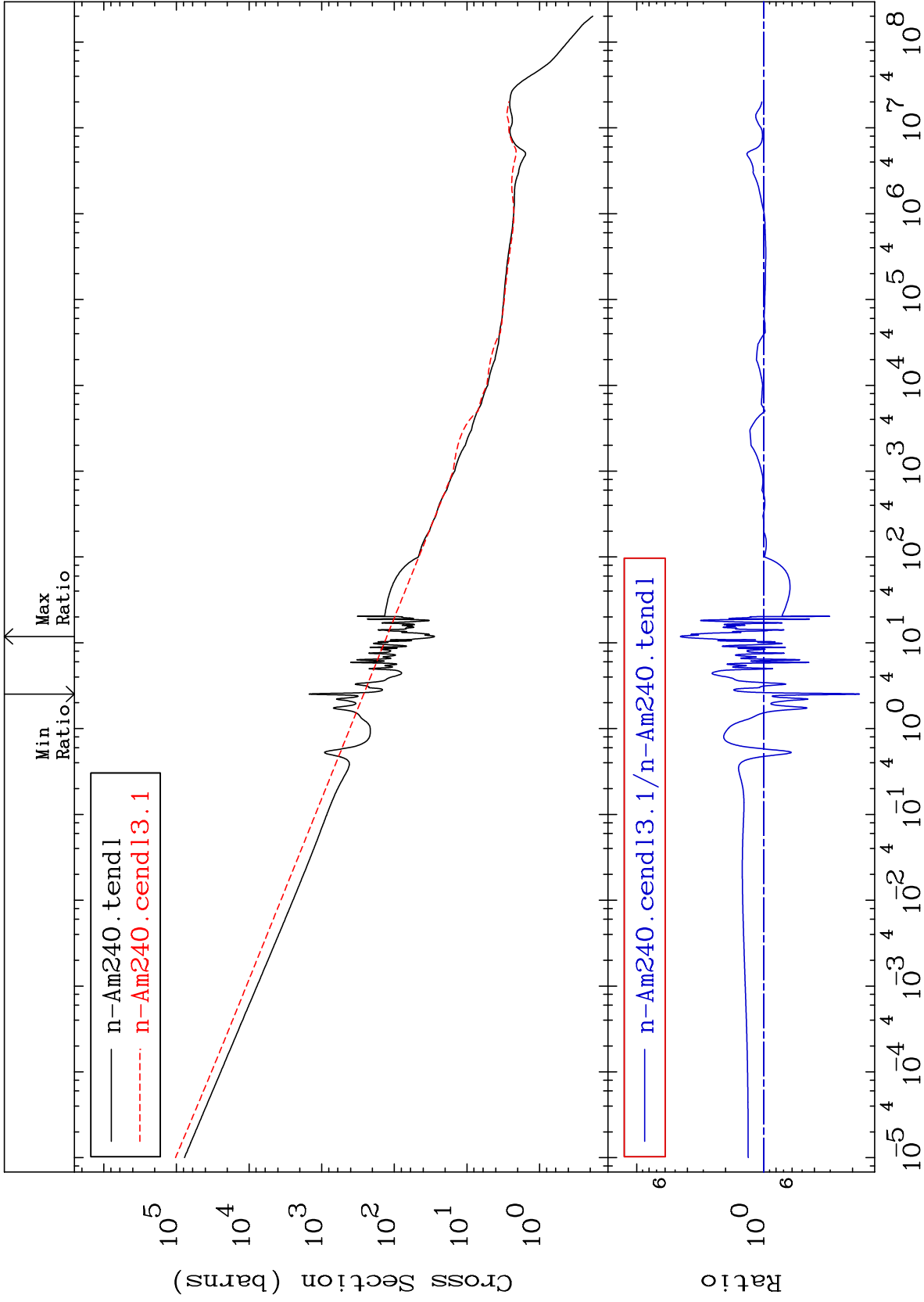
(n,3n)
Cross Section

95-Am-240
-74.47 To 9999. %



MAT 9540

Fission Cross Section
95-Am-240
-82.34 To 354.2 %



95-Am-240

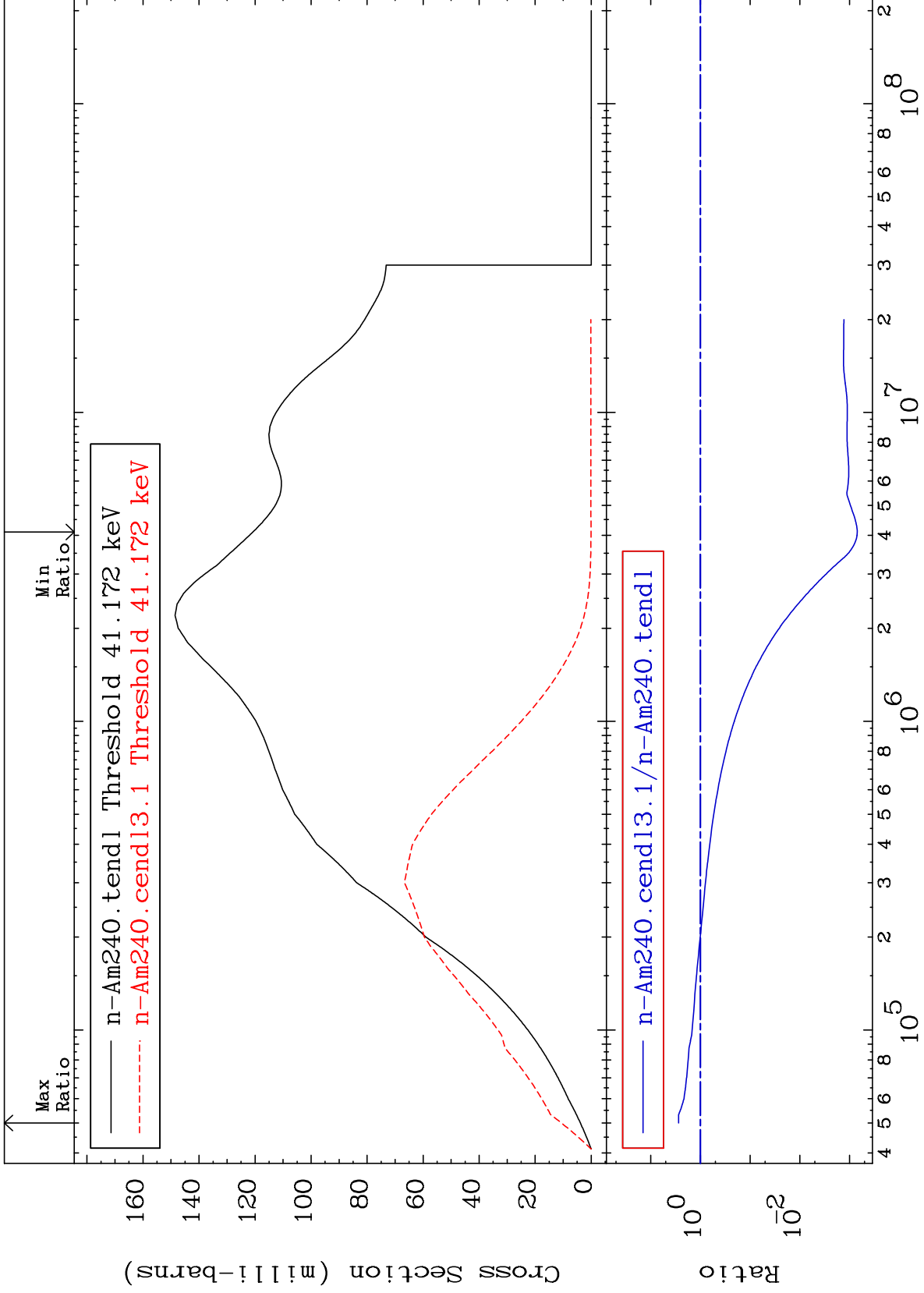
Incident Energy (eV)

6

MAT 9540

MT= 51 (n,n') Level
Cross Section

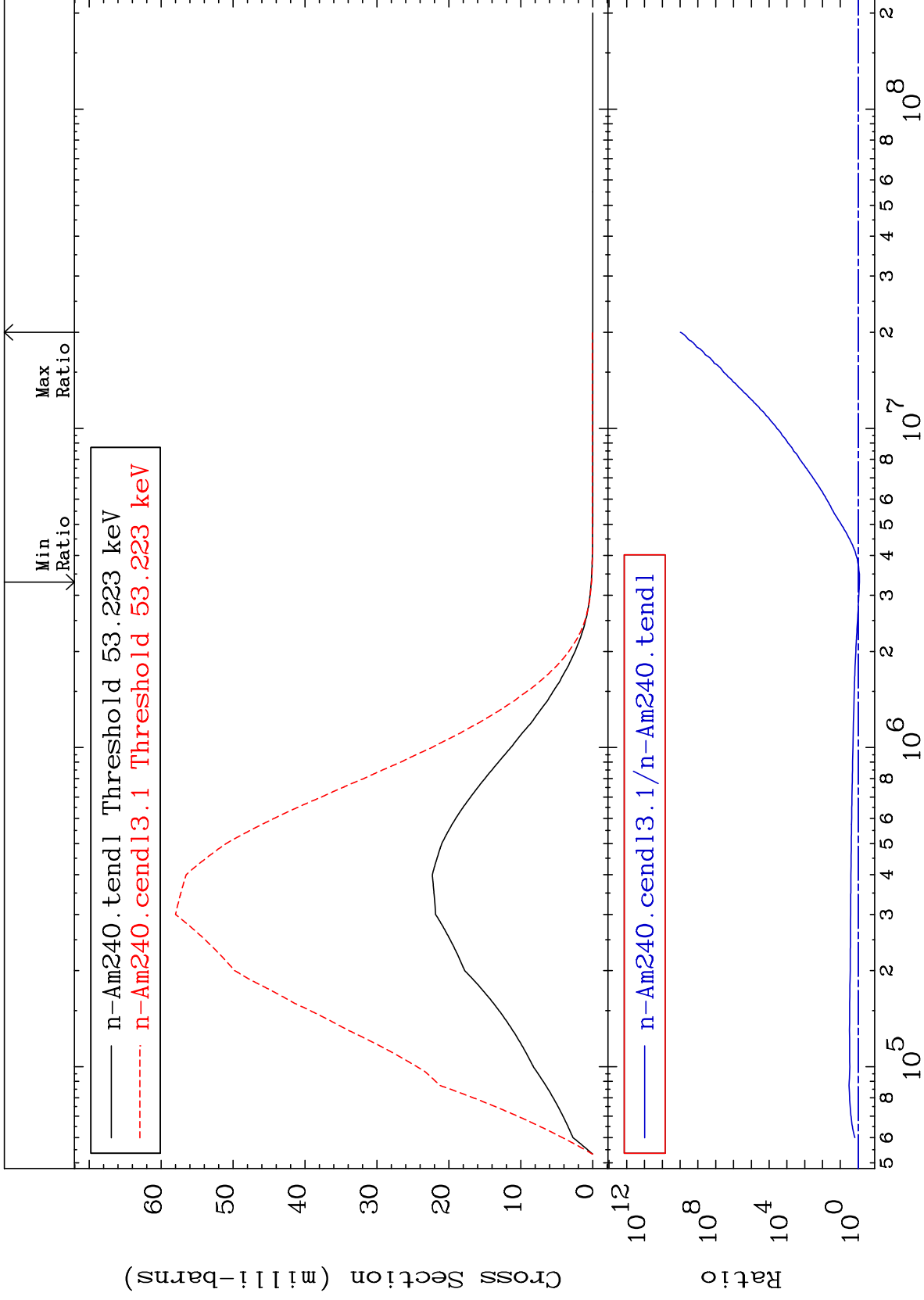
95-Am-240
-99.93 To 174.8 %



MAT 9540

MT= 52 (n, n') Level
Cross Section

95-Am-240
-15.26 To 9999. %



8

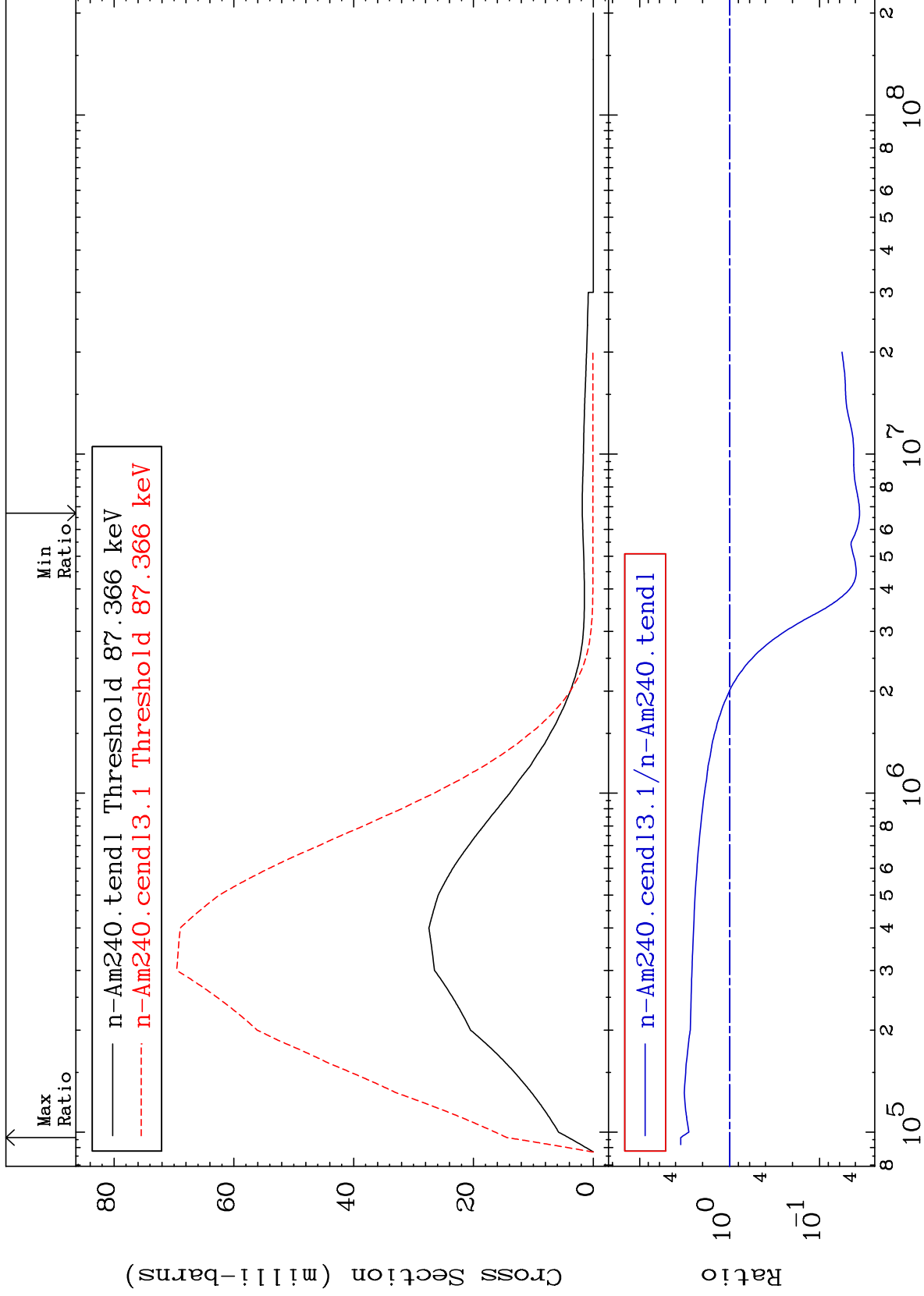
Incident Energy (eV)

95-Am-240

MAT 9540

MT= 53 (n, n') Level
Cross Section

95-Am-240
-96.41 To 248.8 %



9

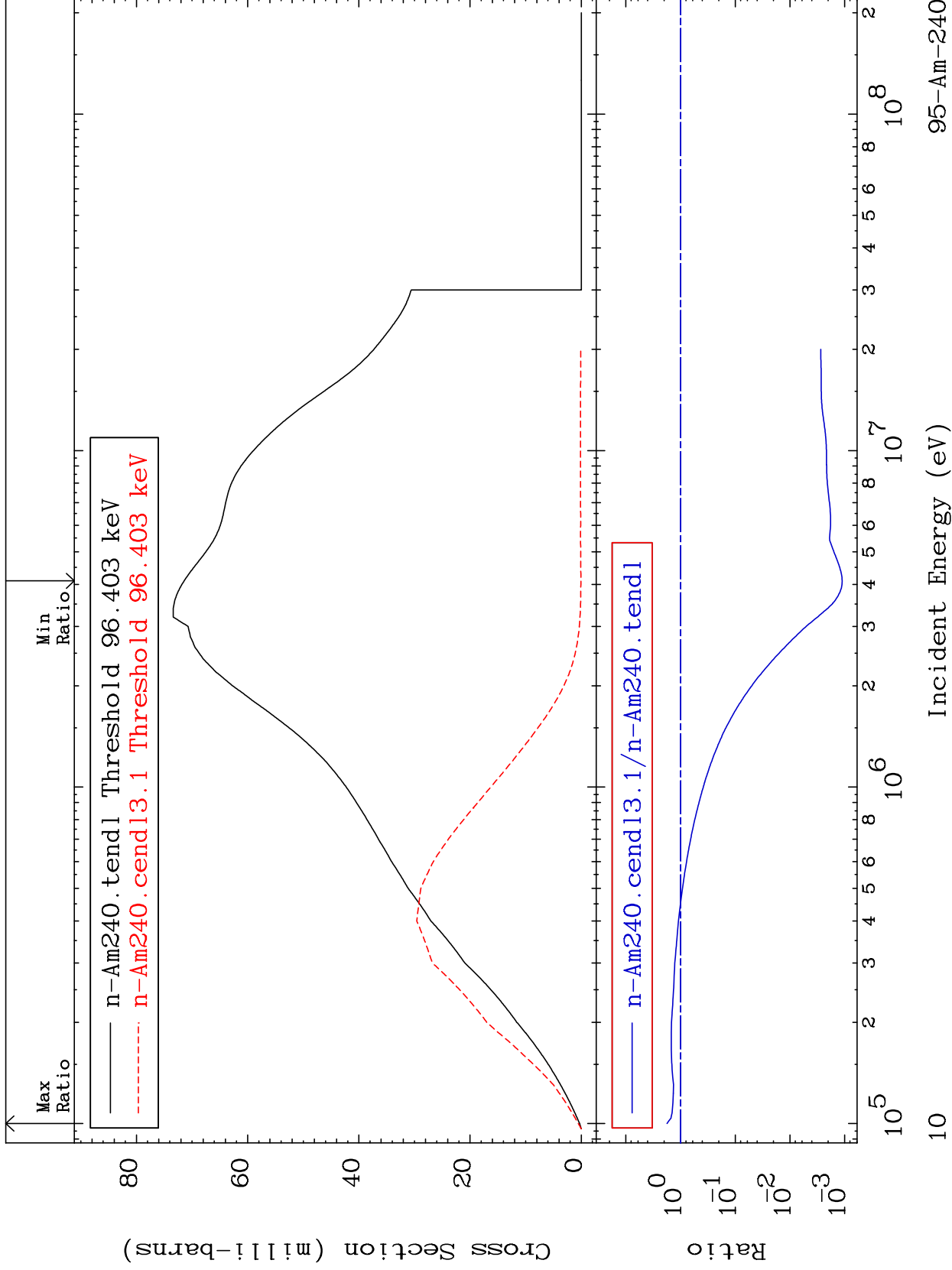
Incident Energy (eV)

95-Am-240

MAT 9540

MT= 54 (n,n') Level
Cross Section

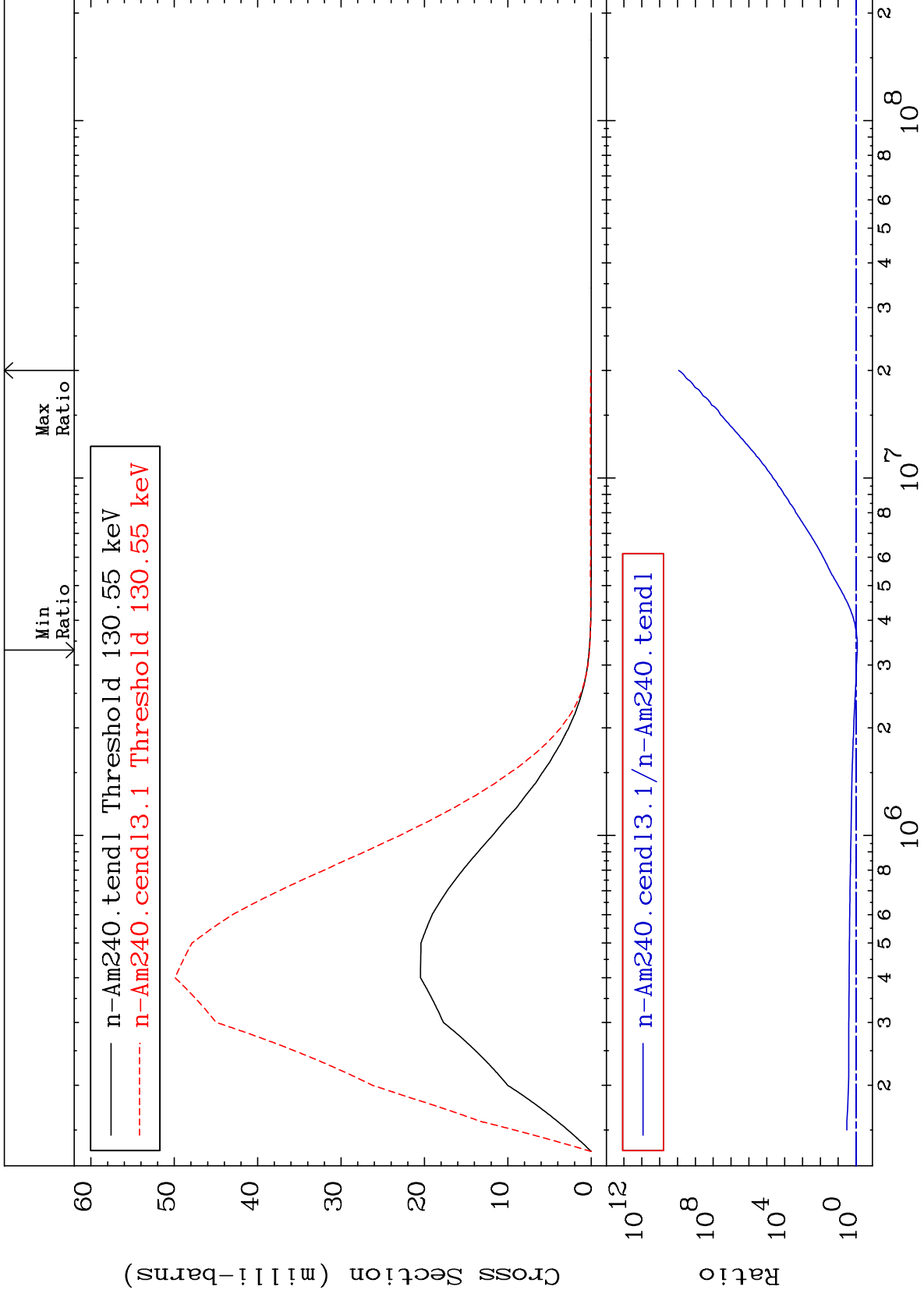
95-Am-240
-99.89 To 76.89 %



MAT 9540

MT= 55 (n,n') Level
Cross Section

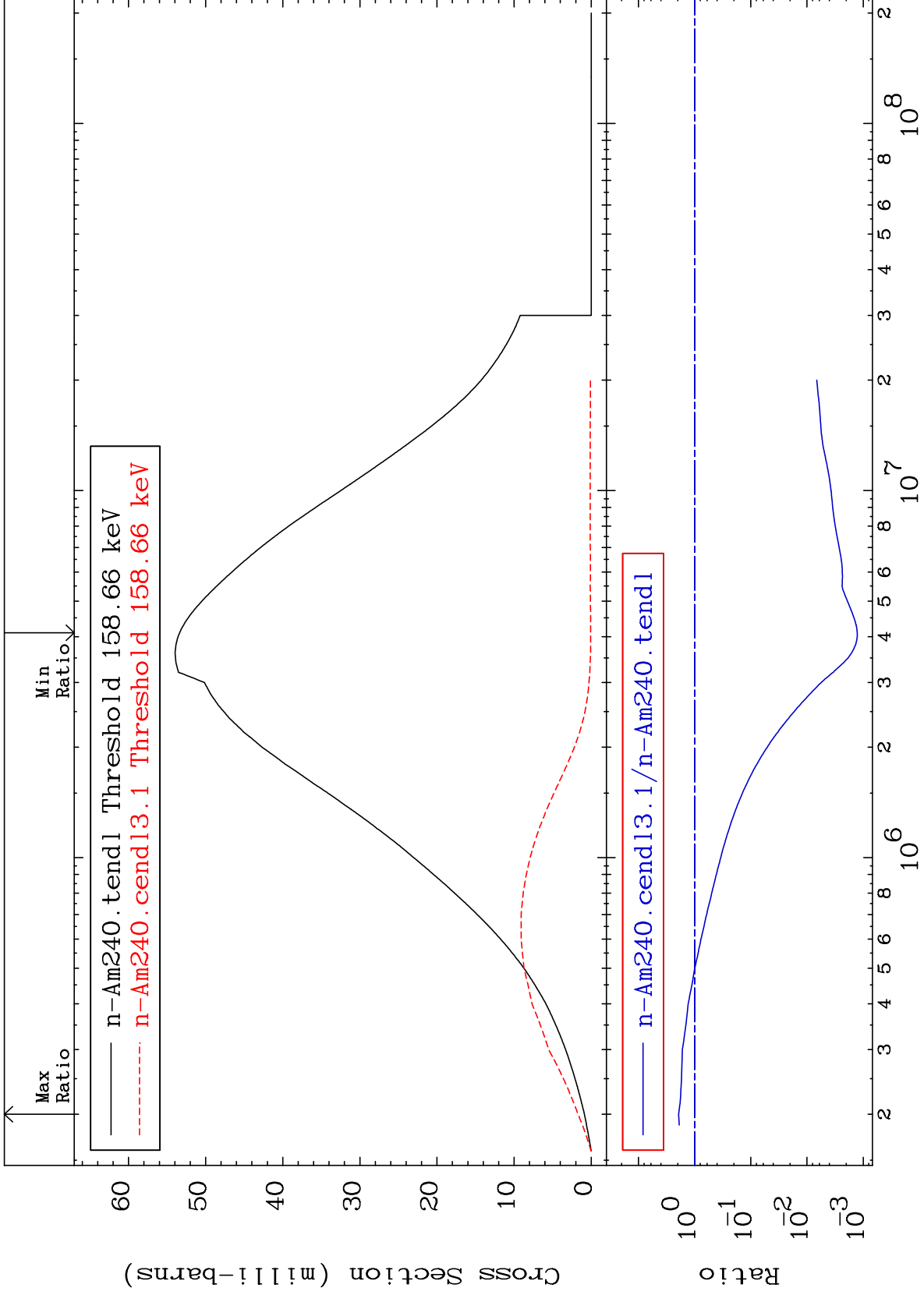
95-Am-240
-14.46 To 9999. %



MAT 9540

MT= 56 (n,n') Level
Cross Section

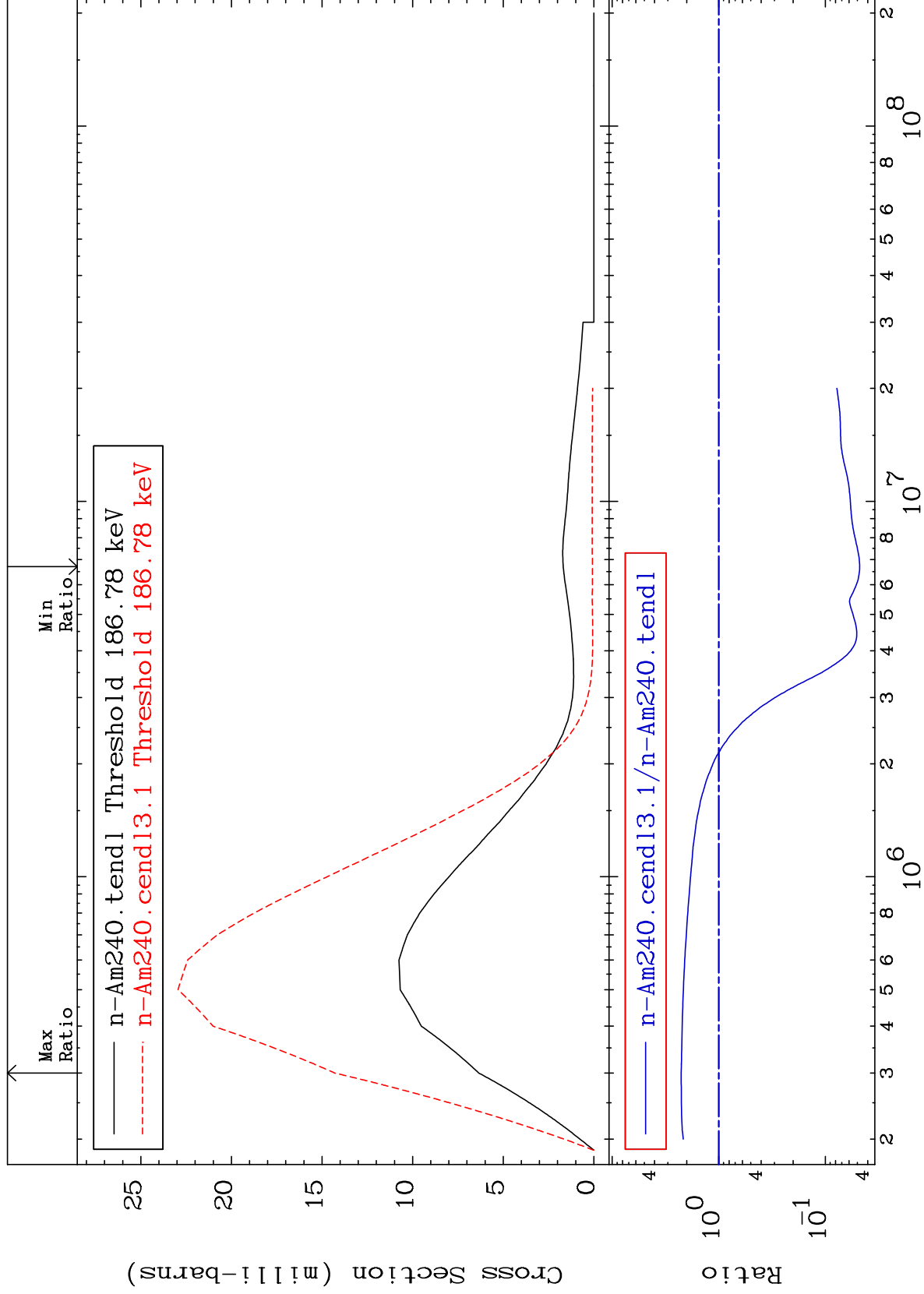
95-Am-240
-99.87 To 93.12 %



MAT 9540

MT= 57 (n,n') Level
Cross Section

95-Am-240
-95.24 To 125.2 %



13

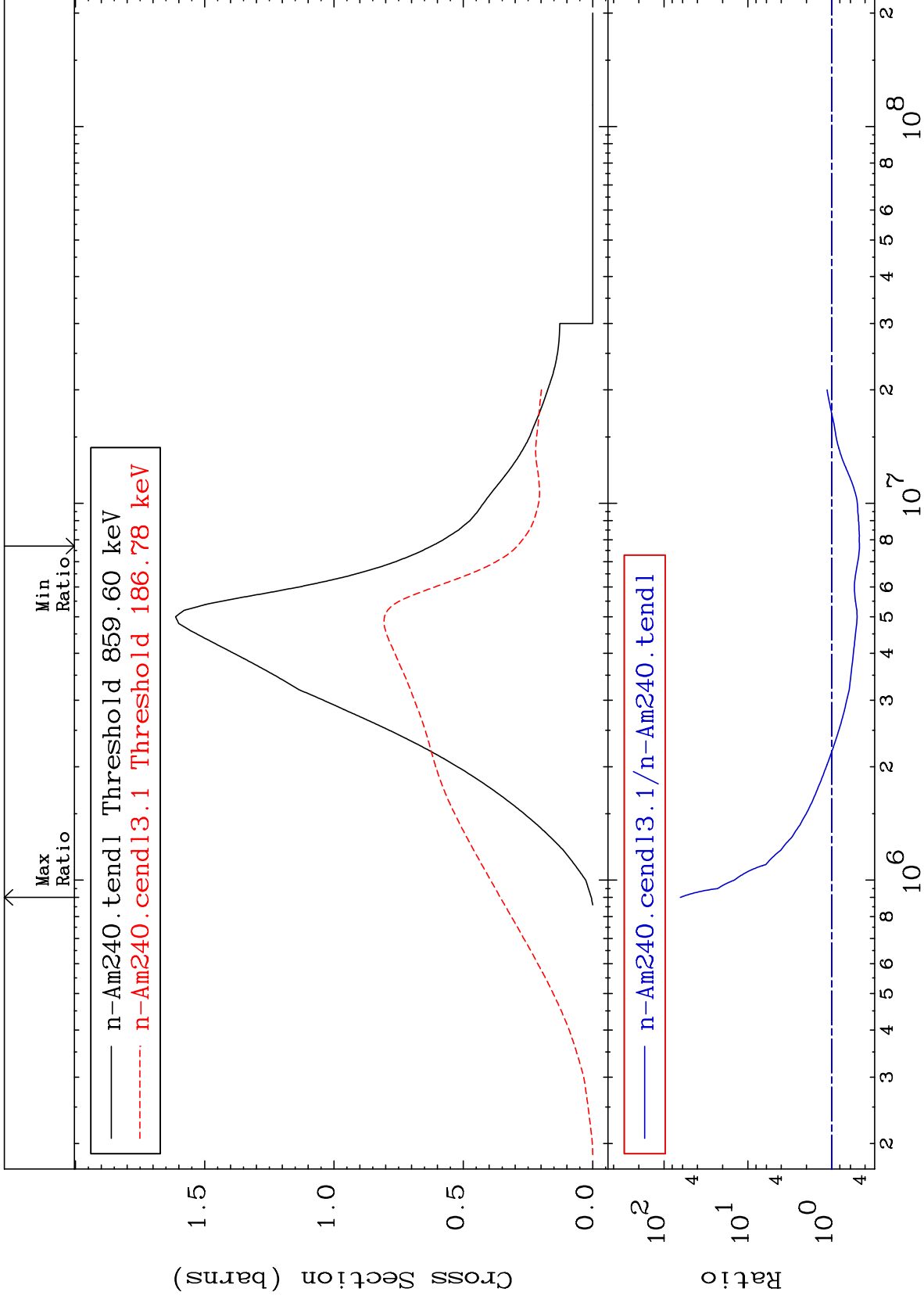
Incident Energy (eV)

95-Am-240

MAT 9540

(n, n') Continuum
Cross Section

95-Am-240
-53.22 To 6296. %



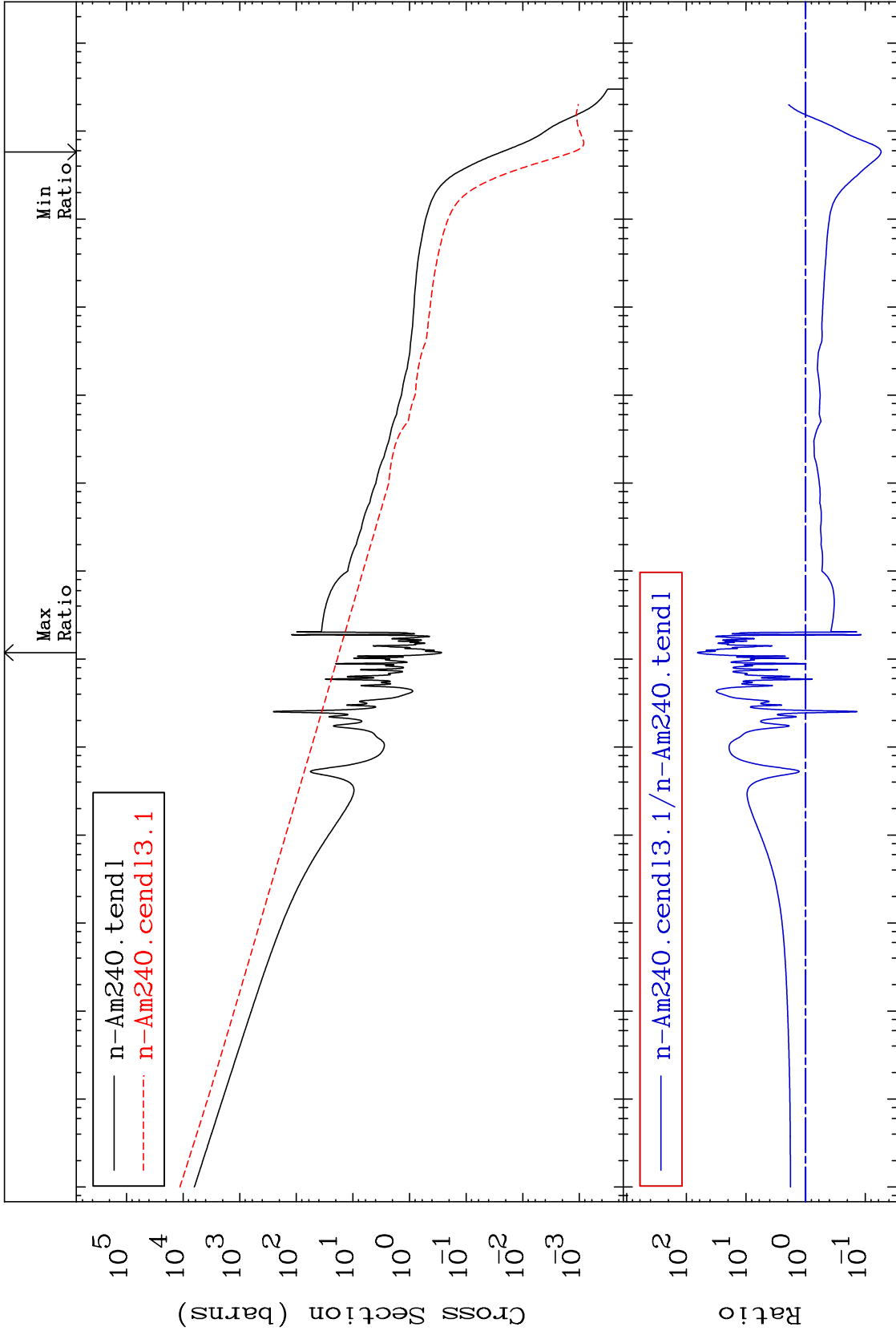
14

95-Am-240

MAT 9540

(n, γ)
Cross Section

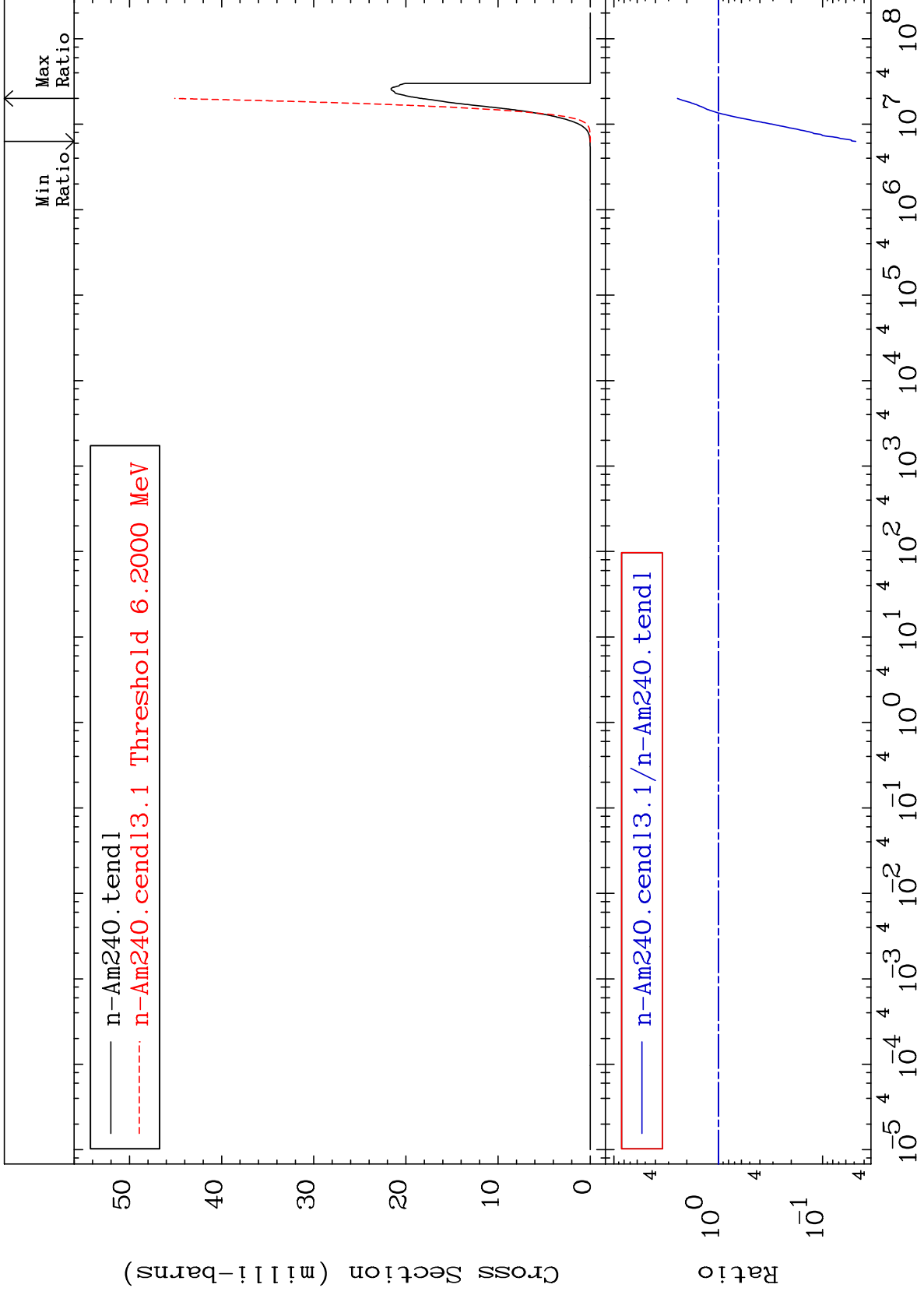
95-Am-240
-94.56 To 6410. %



MAT 9540

(n, p)
Cross Section

95-Am-240
-95.19 To 146.1 %



16

Incident Energy (eV)

95-Am-240

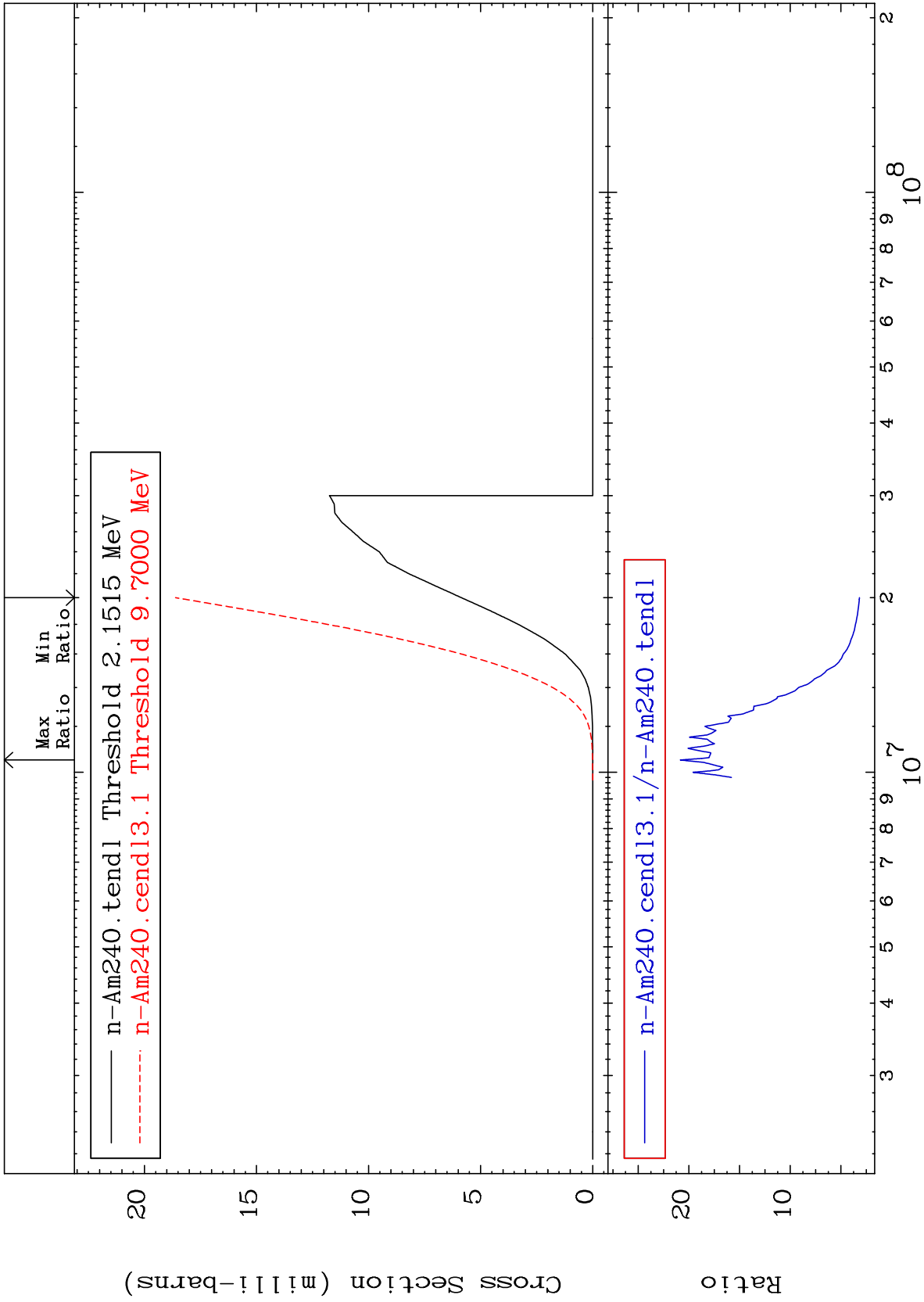
MAT 9540

(n, d)

95-Am-240

Cross Section

217.8 To 1984. %



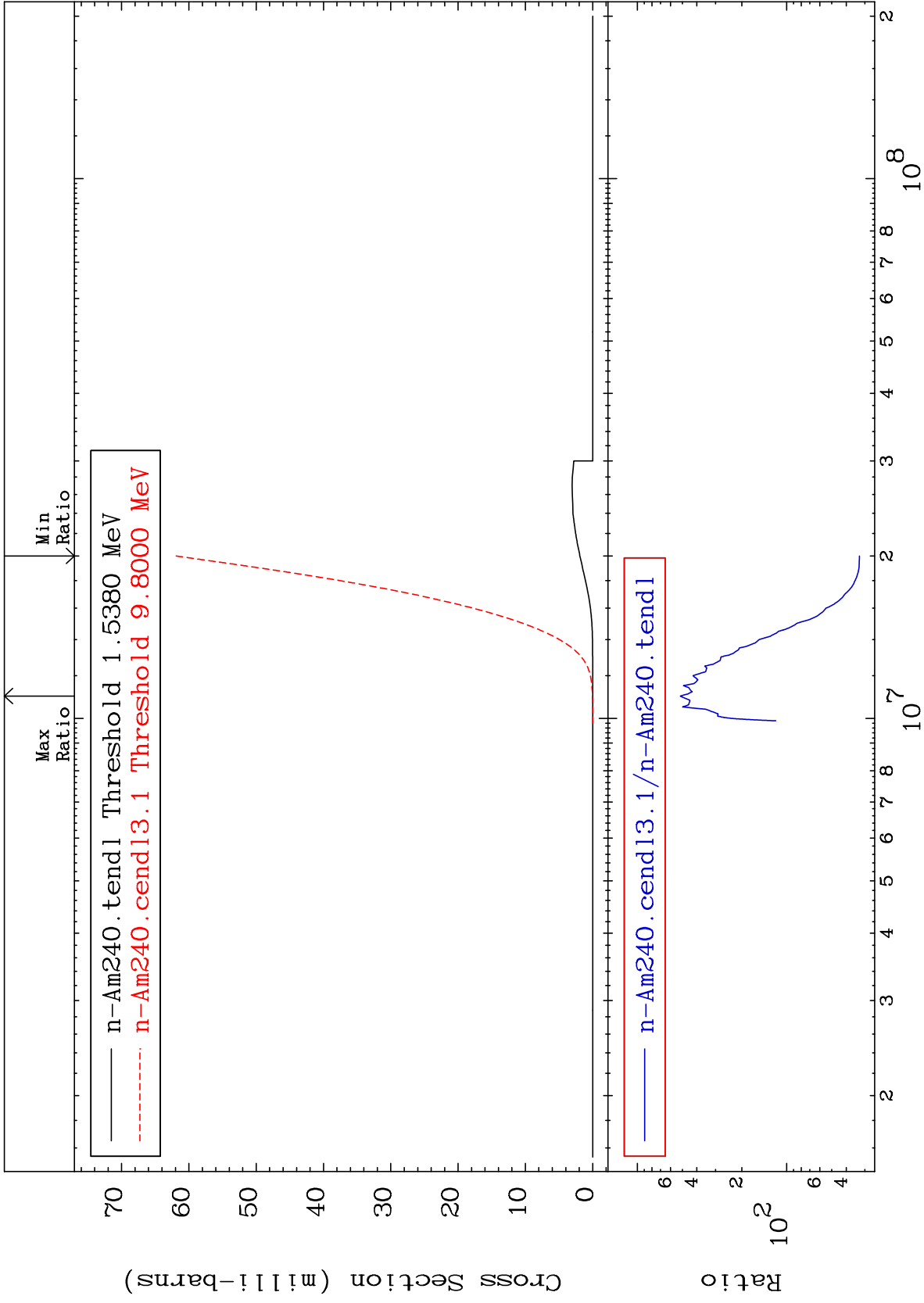
17

Incident Energy (eV)

95-Am-240

MAT 9540

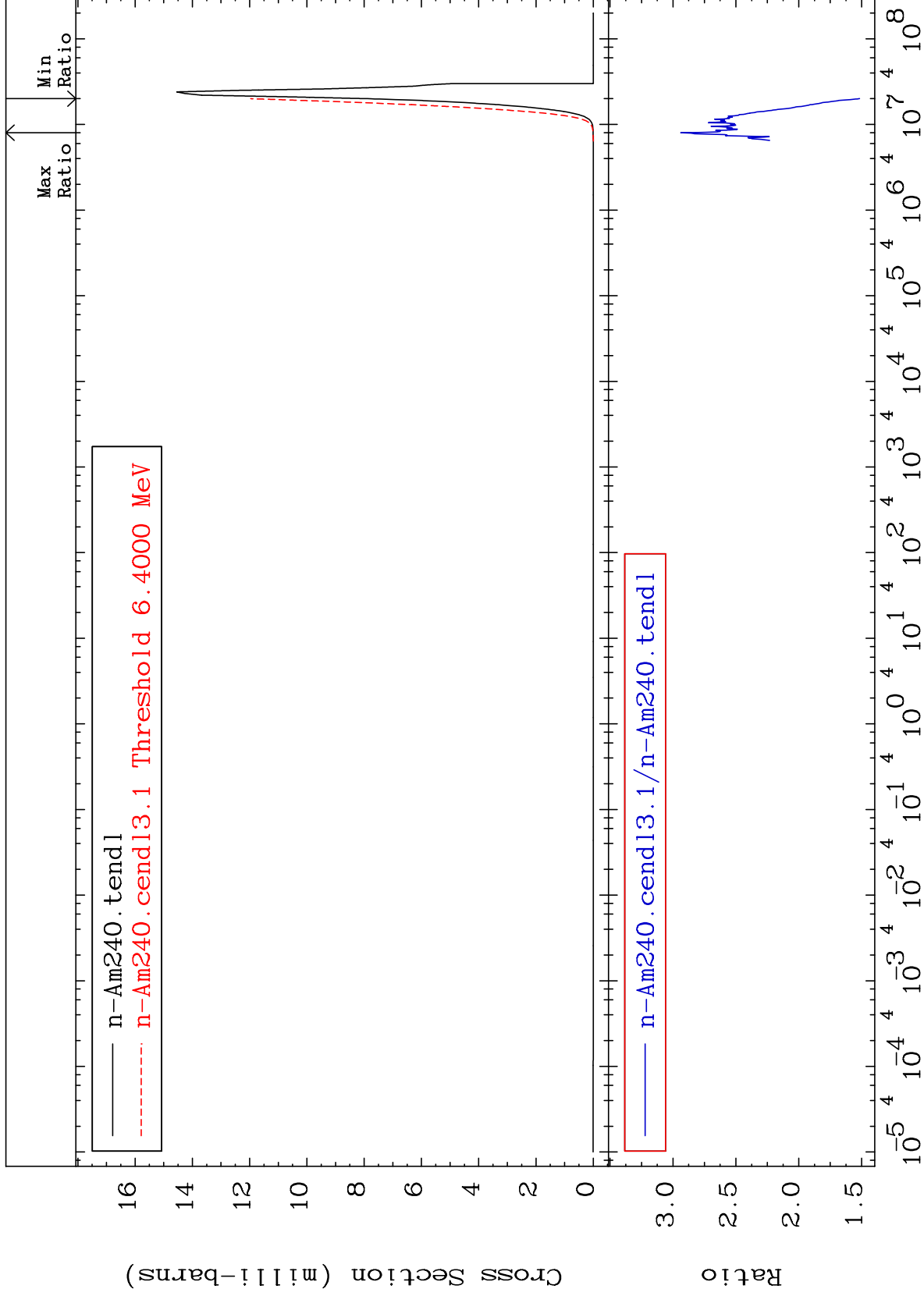
(n, t) Cross Section 95-Am-240 To 9999. % 3162.



MAT 9540

(n, α)
Cross Section

95-Am-240
51.73 To 193.8 %



19

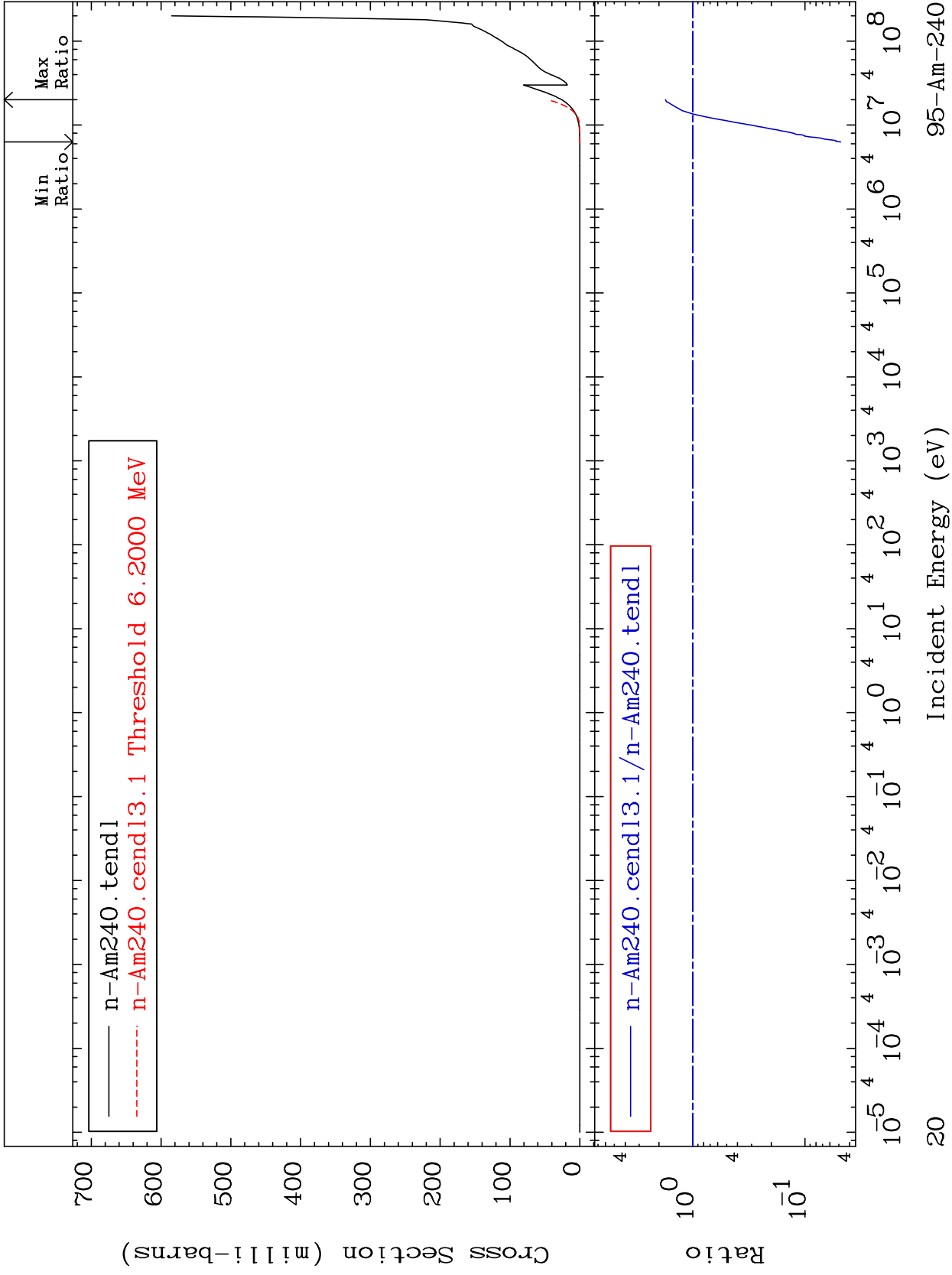
Incident Energy (eV)

95-Am-240

MAT 9540

Hydrogen Production Cross Section

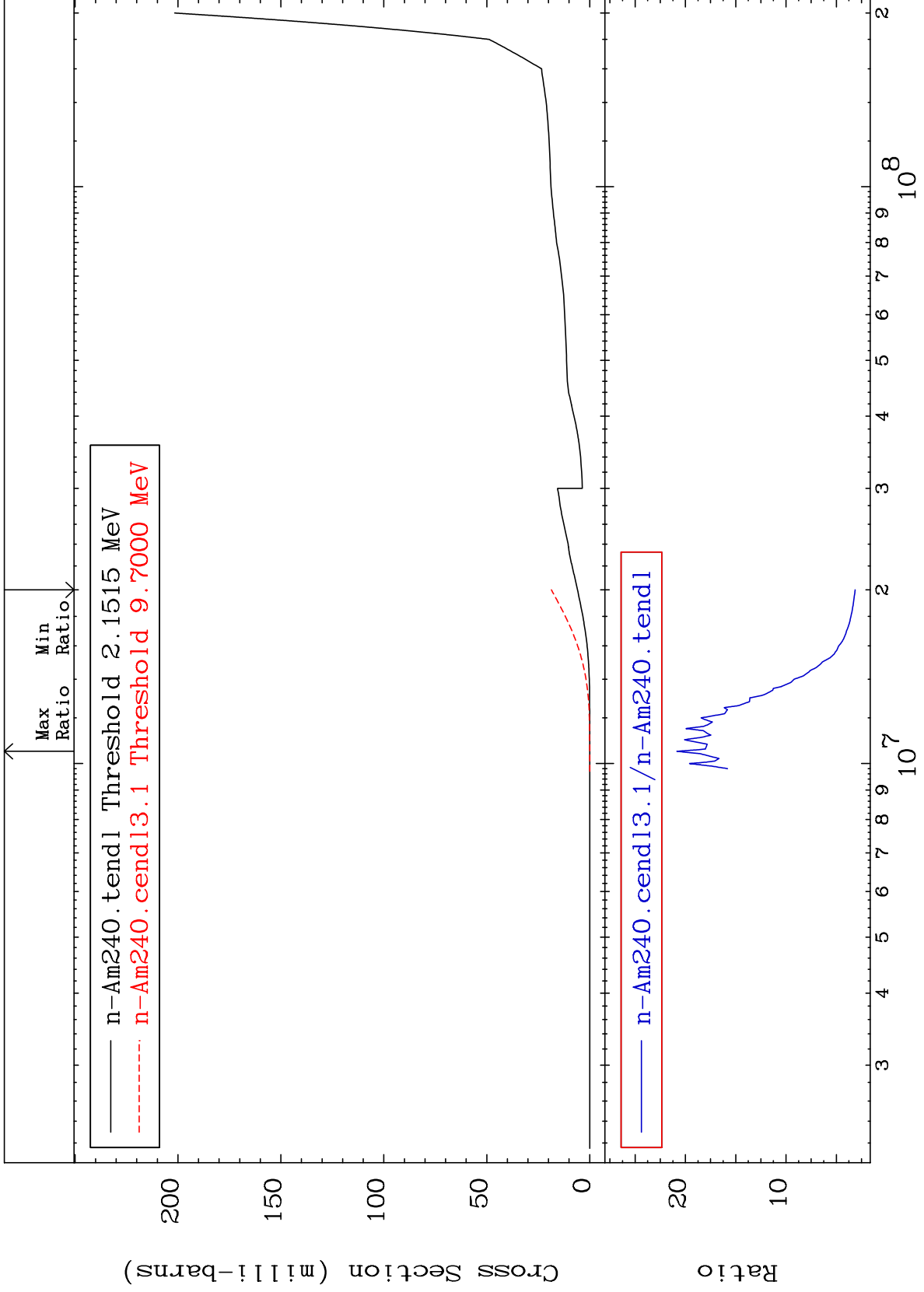
95-Am-240
-95.19 To 74.95 %



MAT 9540

Deuterium Production
Cross Section

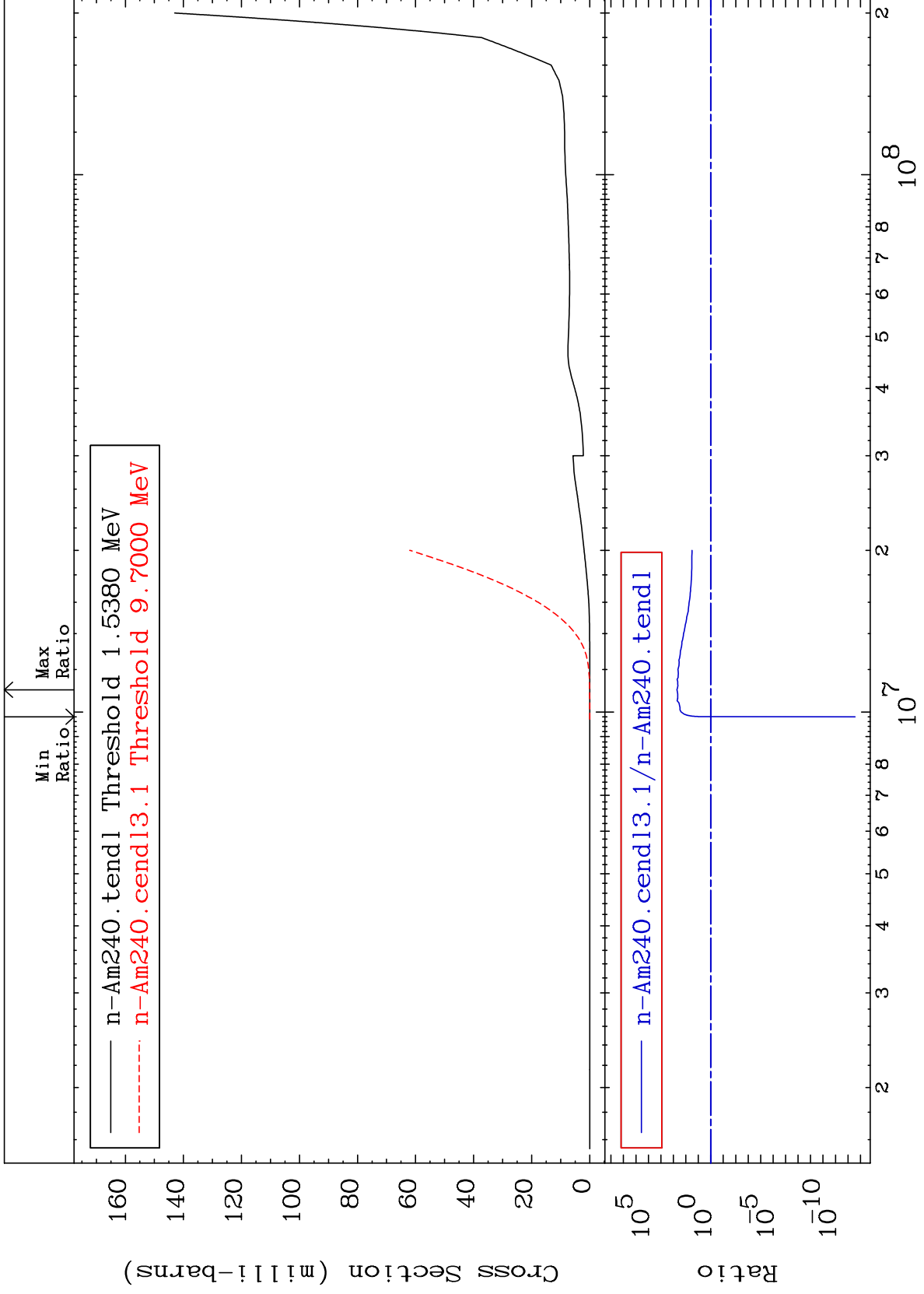
95-Am-240
213.6 To 1984. %



MAT 9540

Tritium Production
Cross Section

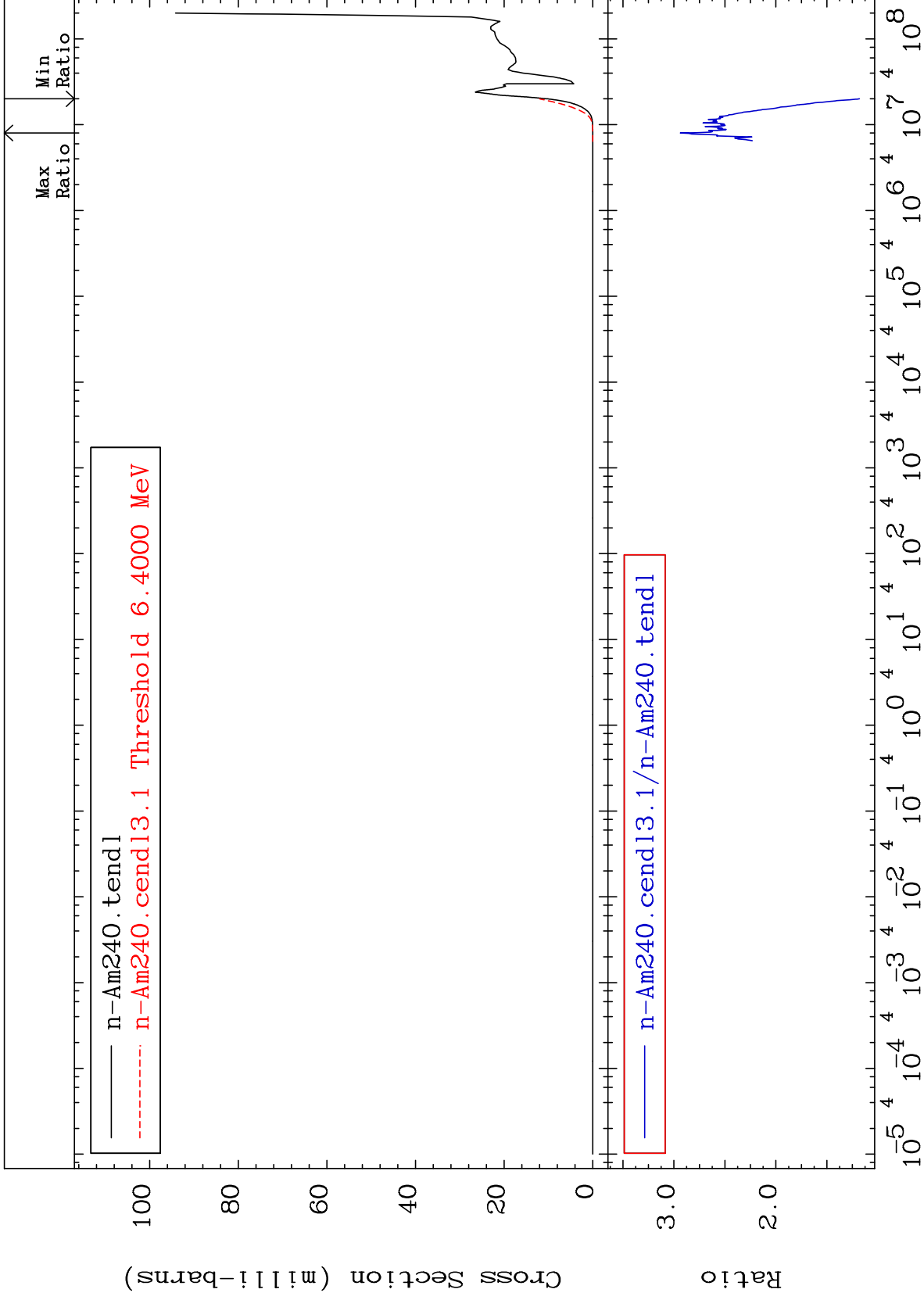
95-Am-240
-100.0 To 9999. %



MAT 9540

He-4 Production
Cross Section

95-Am-240
18.11 To 193.7 %



23

Incident Energy (eV)

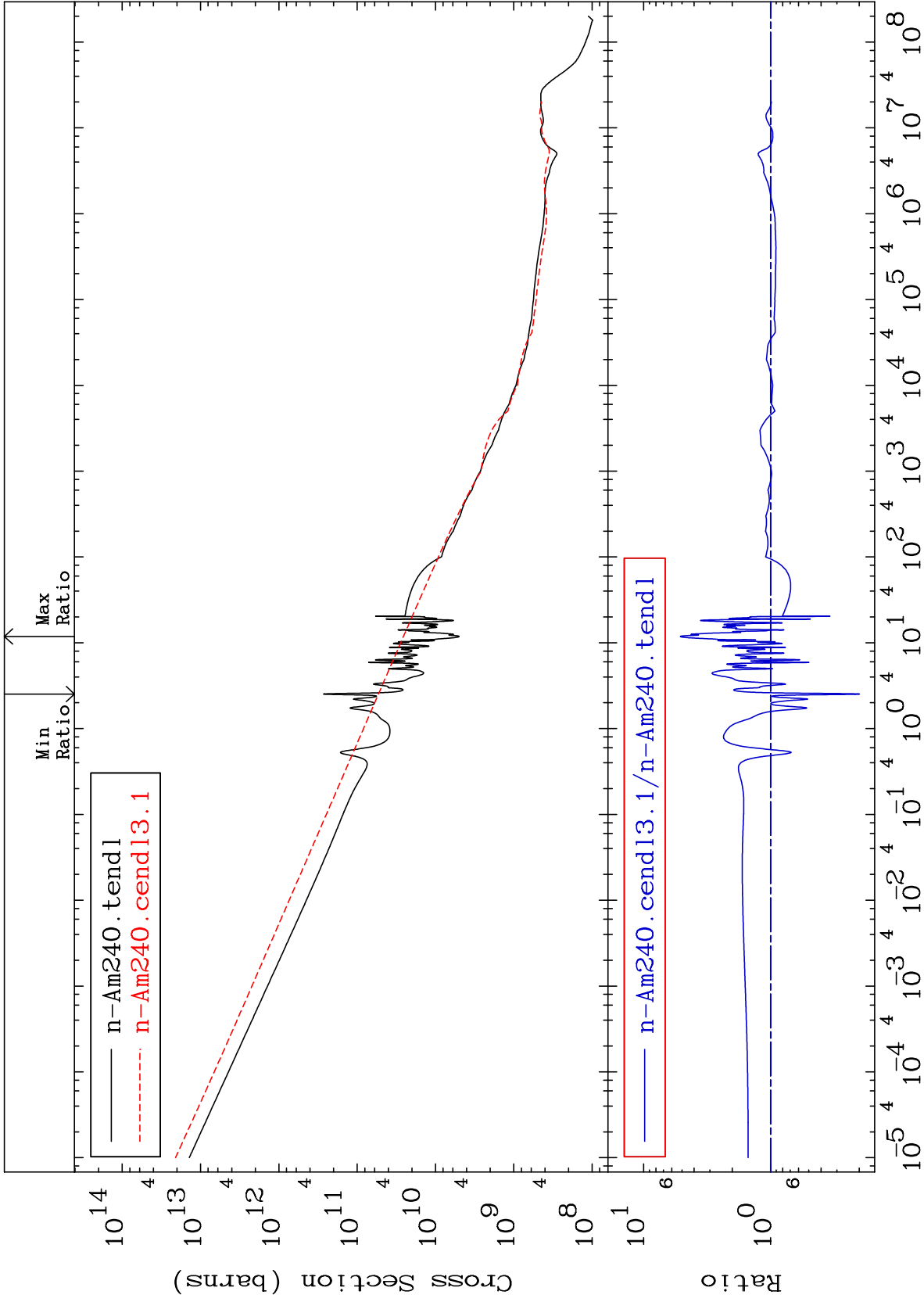
95-Am-240

MAT 9540

Kerma total (eV-barns)

95-Am-240

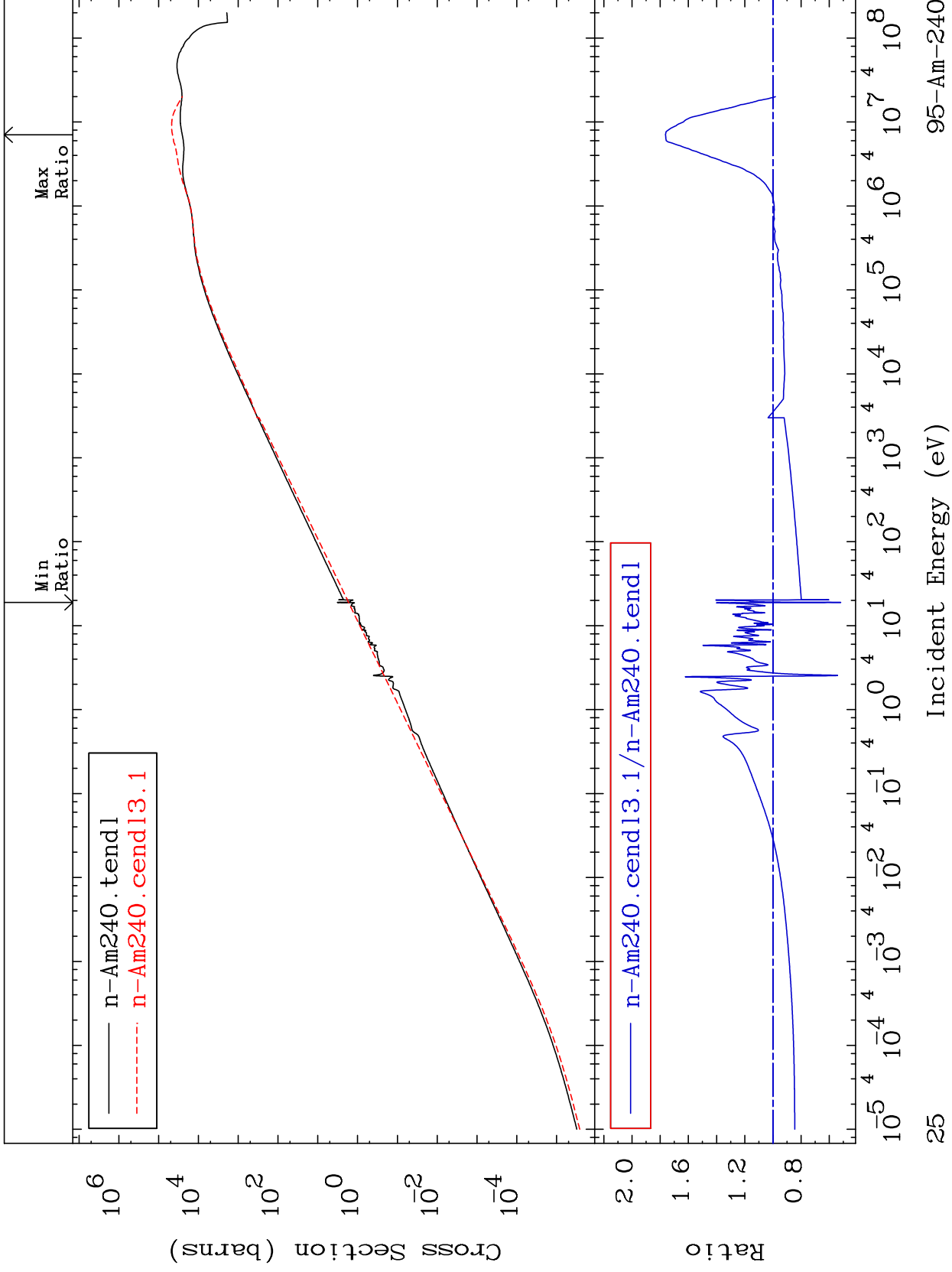
-80.11 To 414.0 %

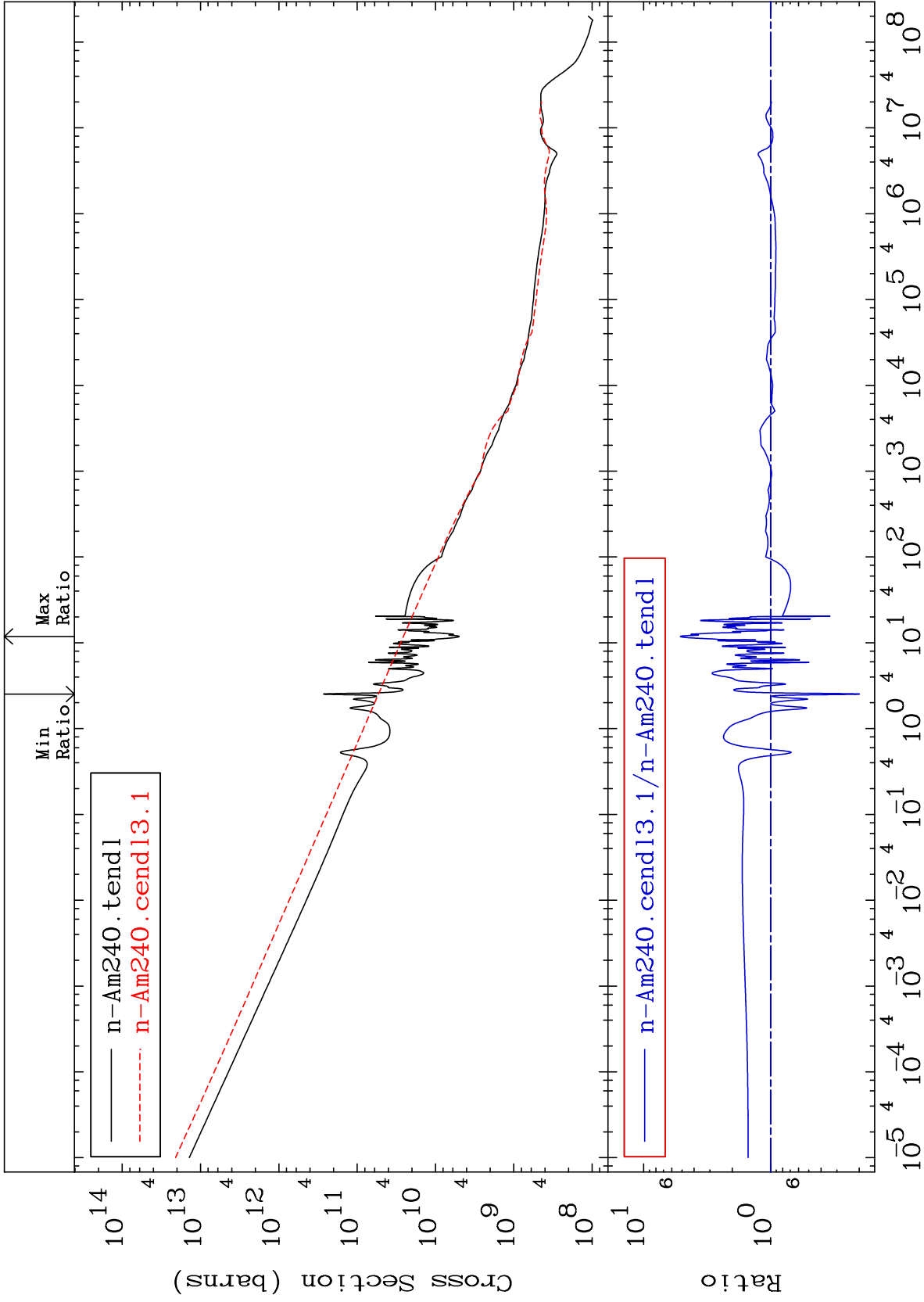


MAT 9540

Kerma elastic
Cross Section

95-Am-240
-48.06 To 76.22 %

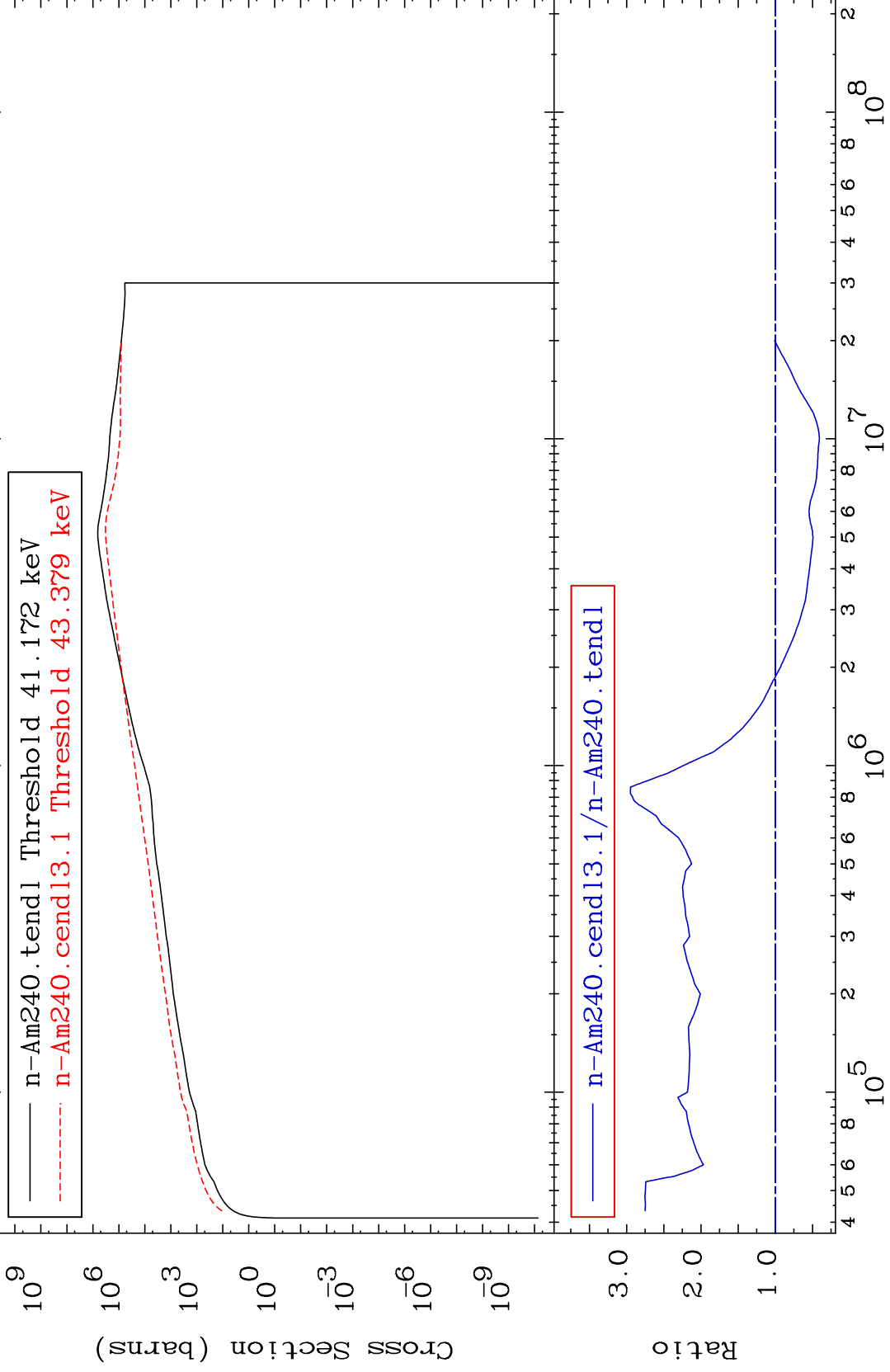




MAT 9540

Kerma inelastic (mt51-91)
Cross Section

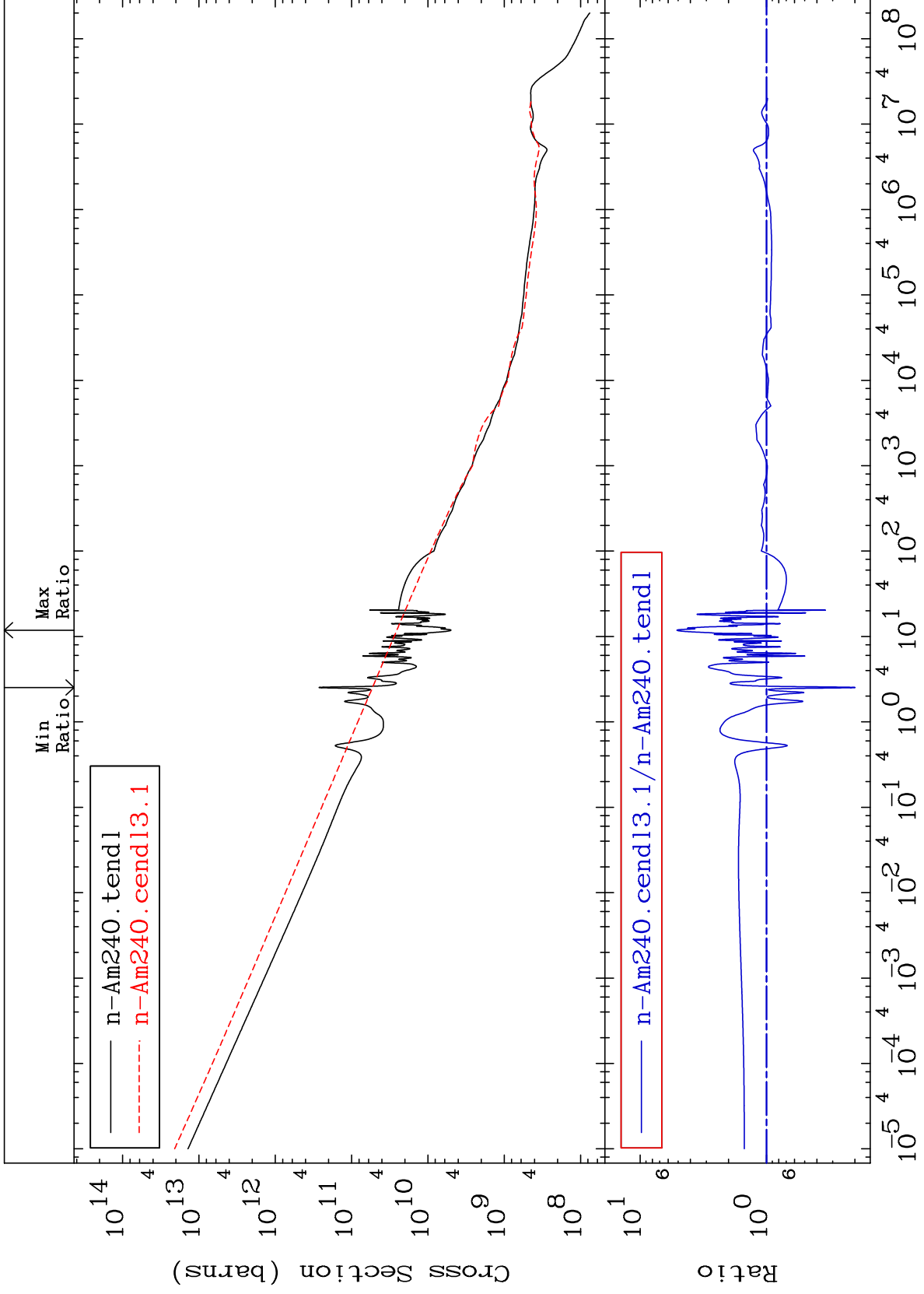
95-Am-240
-59.25 To 194.8 %



MAT 9540

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

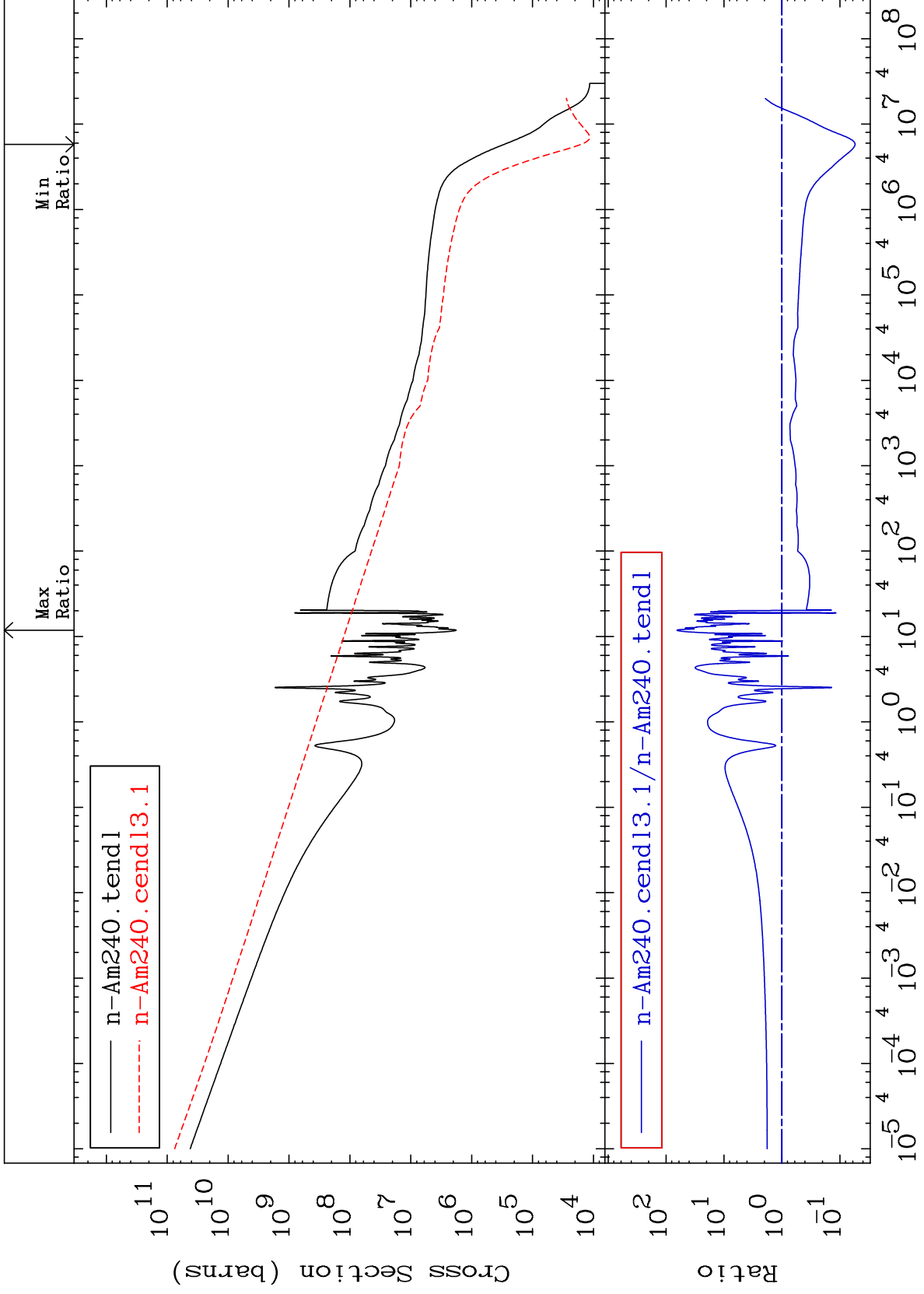
95-Am-240
-80.07 To 411.8 %



MAT 9540

Kerma capture (mt102)
Cross Section

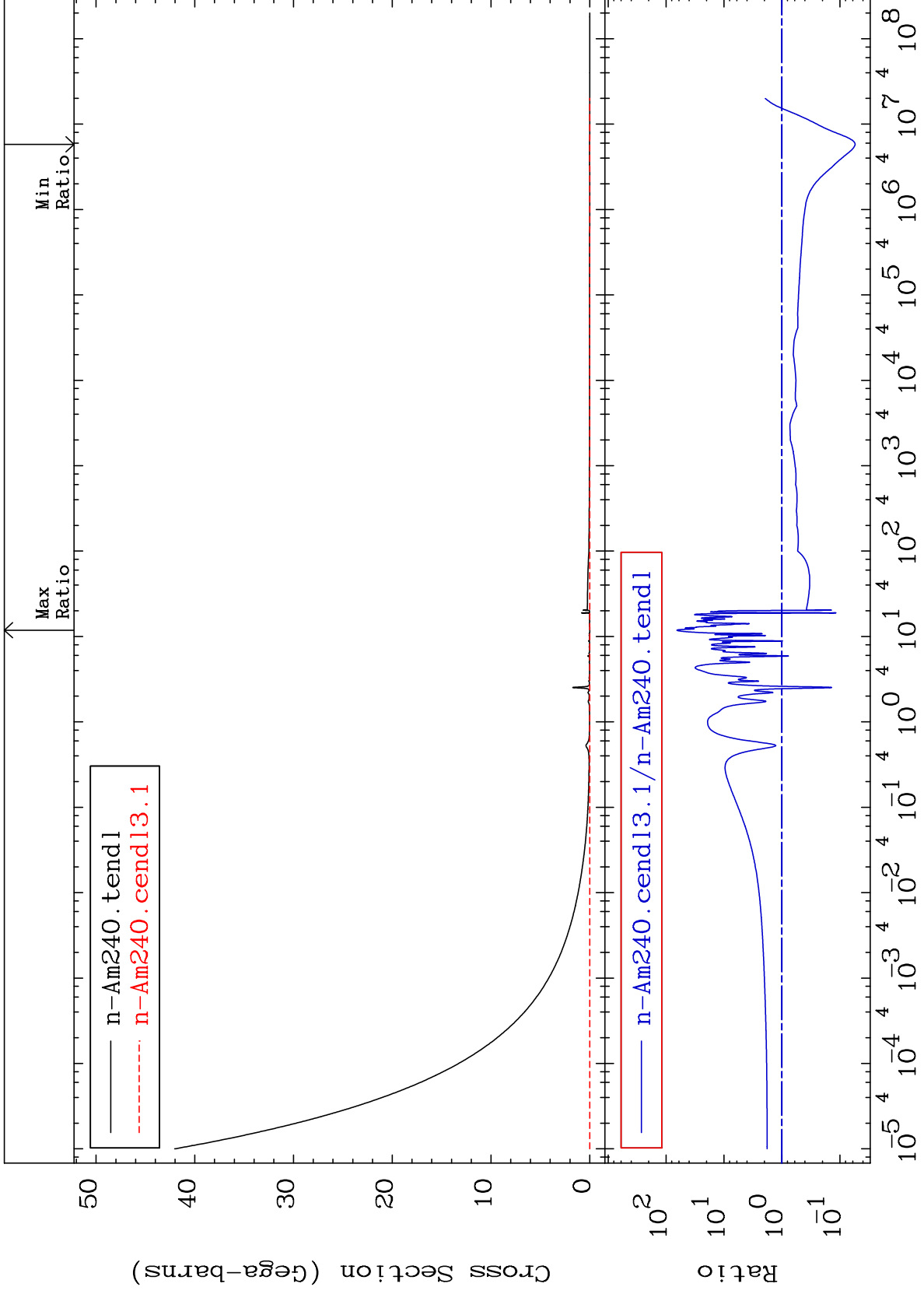
95-Am-240
-94.54 To 6404. %



MAT 9540

Total photon (eV-barns)
Cross Section

95-Am-240
-94.54 To 6404. %



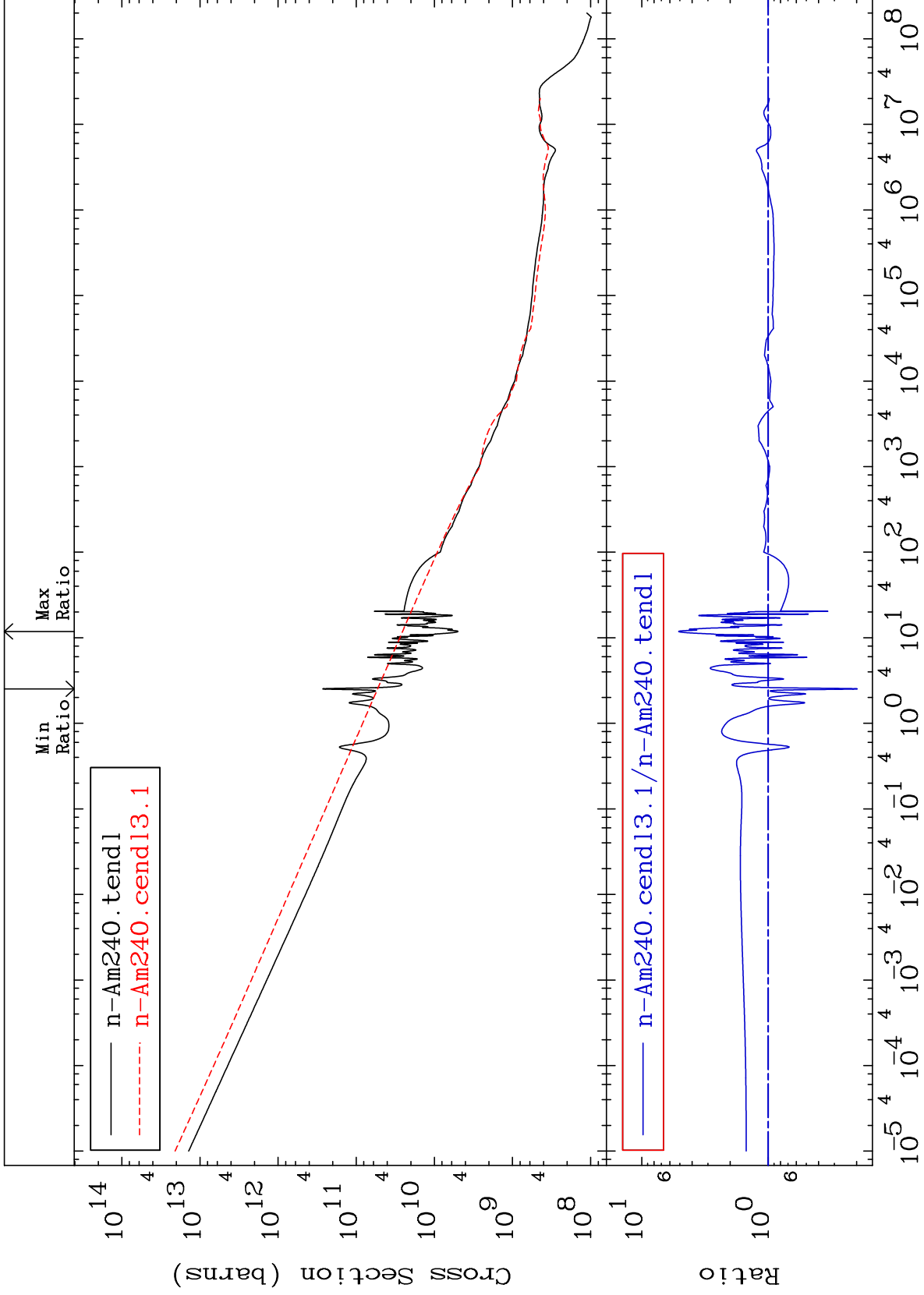
30

95-Am-240

MAT 9540

Total kinematic kerma (high limit)
Cross Section

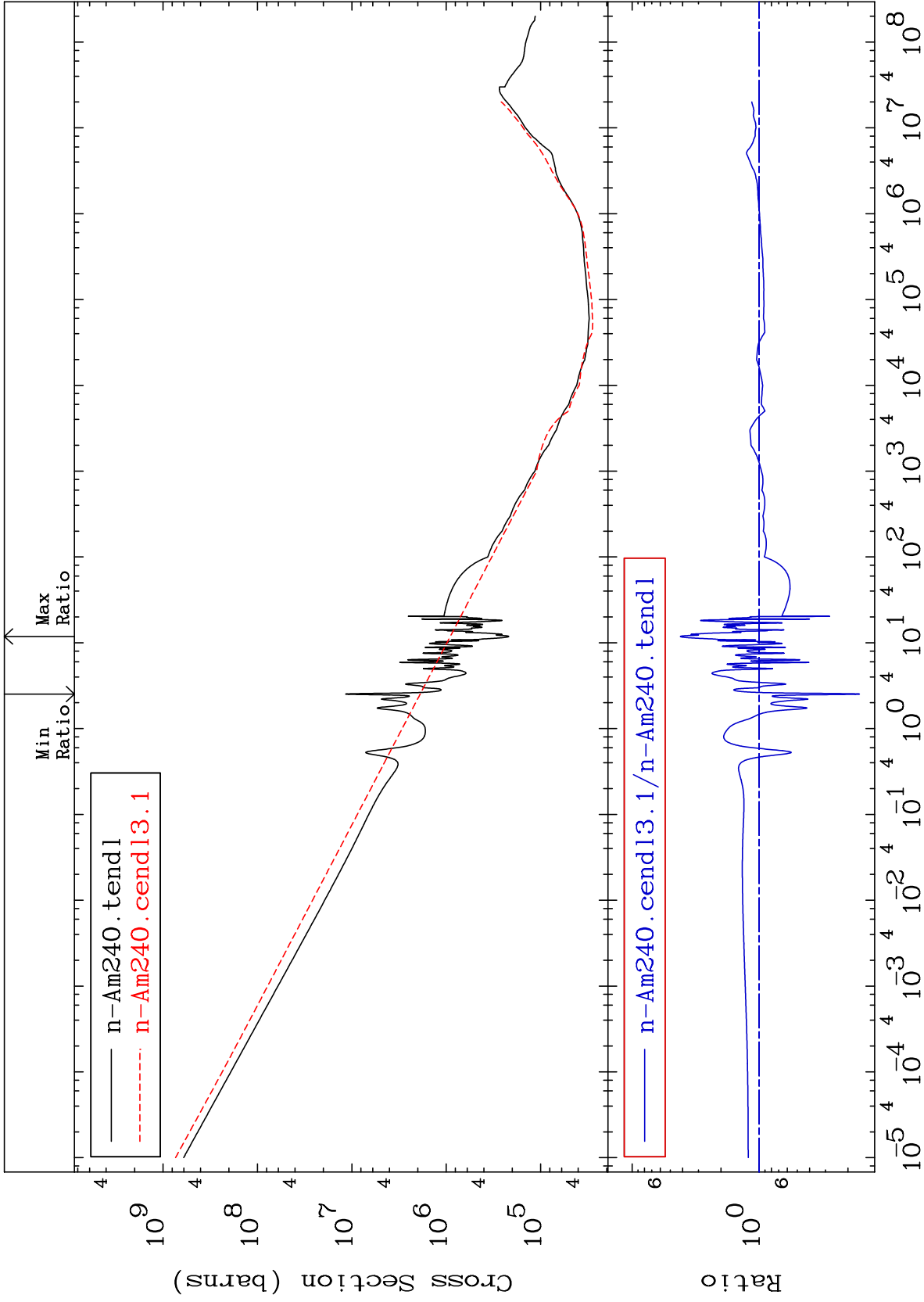
95-Am-240
-80.20 To 411.7 %



MAT 9540

Dpa total (eV-barns)
Cross Section

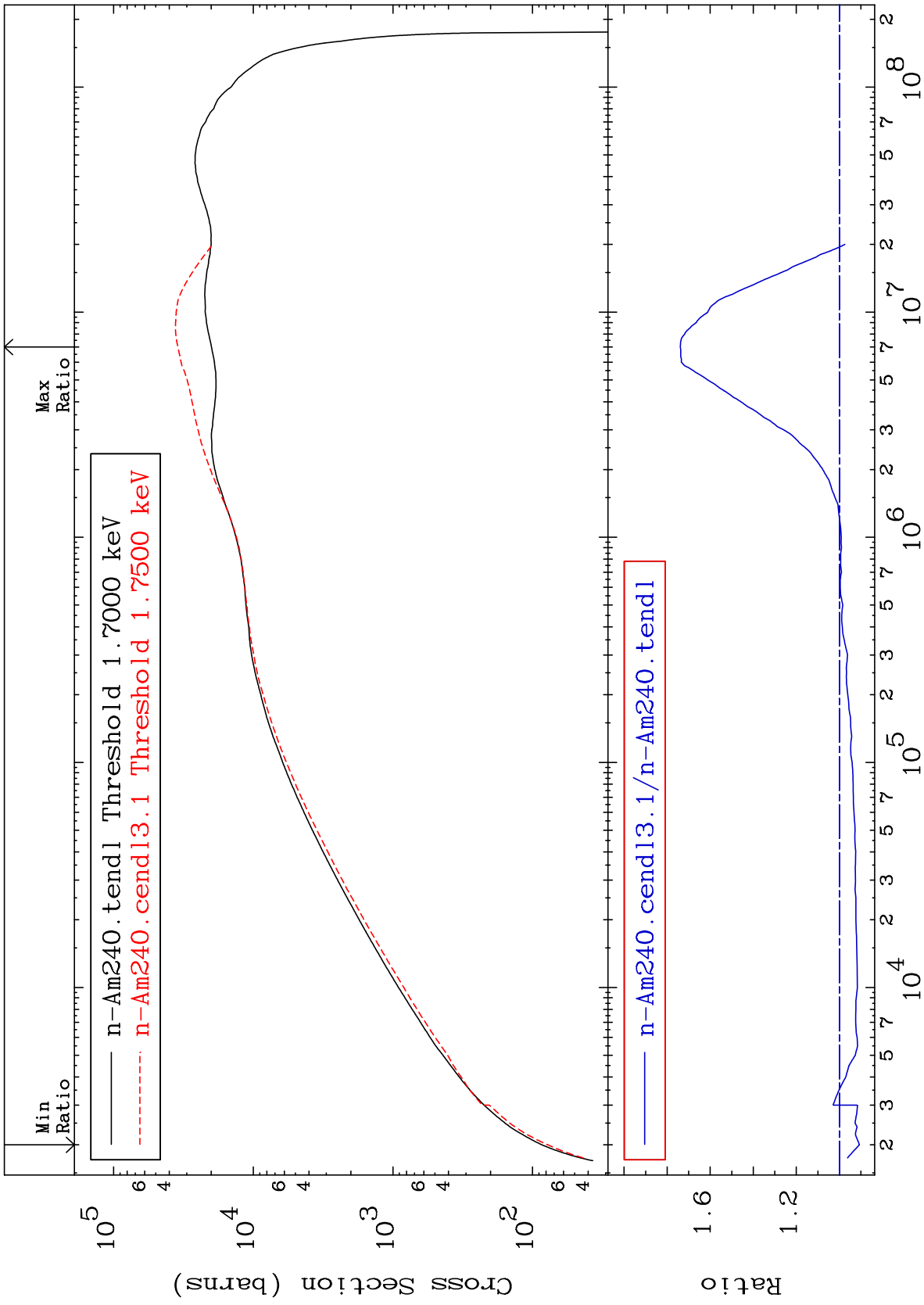
95-Am-240
-83.79 To 317.0 %



MAT 9540

Dpa elastic (mt2)
Cross Section

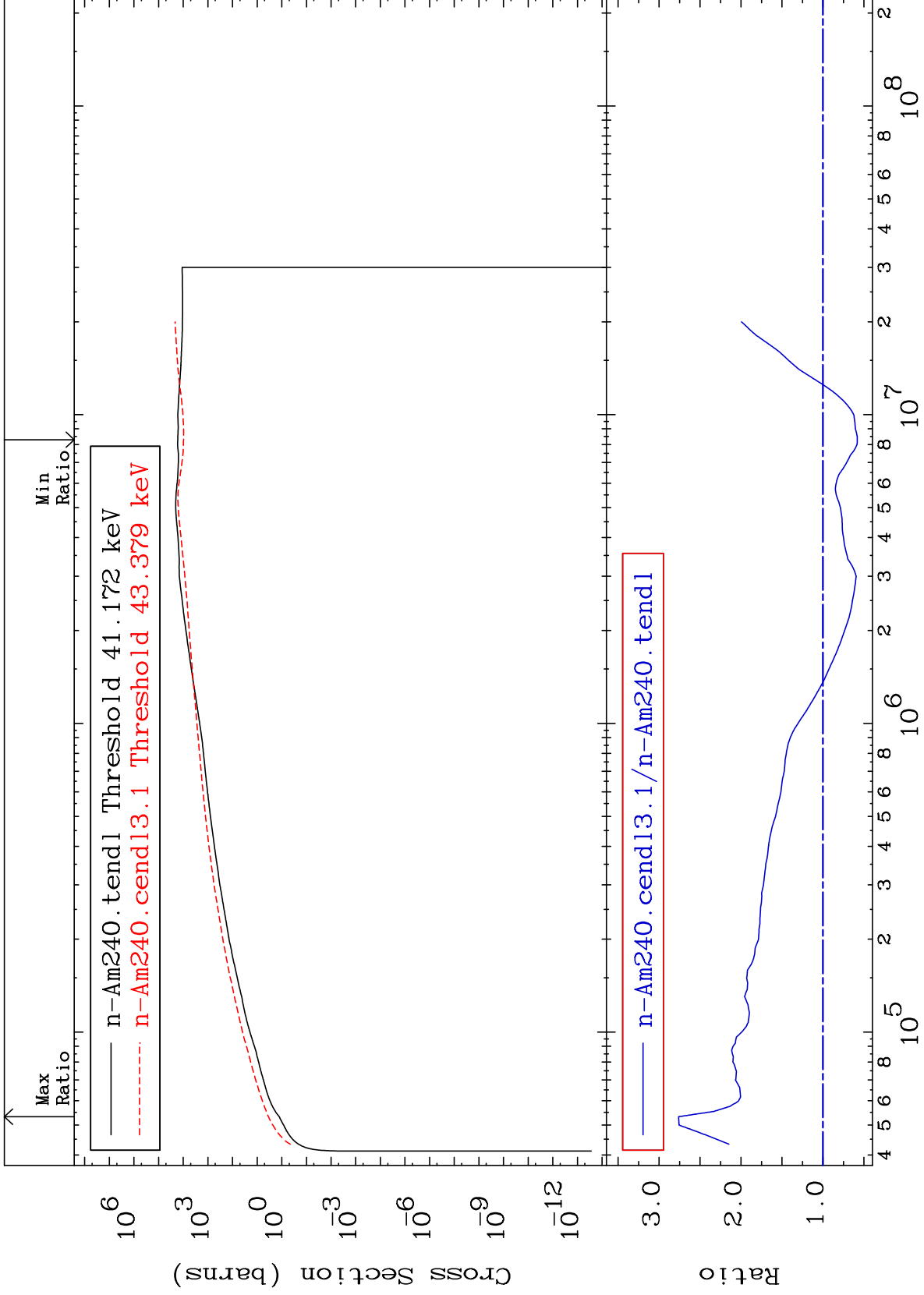
95-Am-240
-9.317 To 73.87 %



MAT 9540

Dpa inelastic (mt51-91)
Cross Section

95-Am-240
-41.82 To 176.1 %



MAT 9540

Dpa disappearance (mt102 -120)
Cross Section

95-Am-240
13.11 To 9999. %

