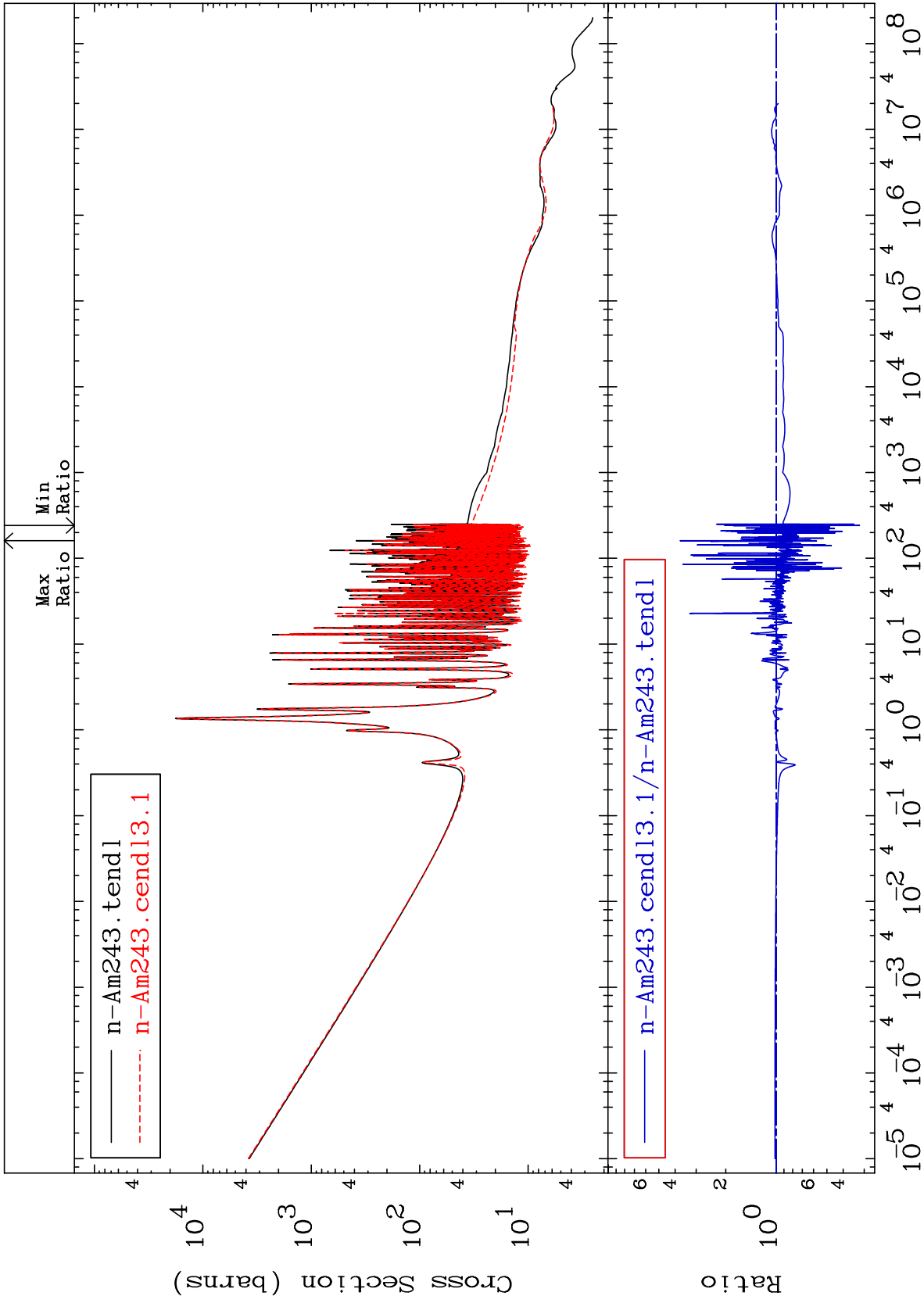


MAT 9549

Total Cross Section
95-Am-243
-68.00 To 272.7 %



95-Am-243

Incident Energy (eV)

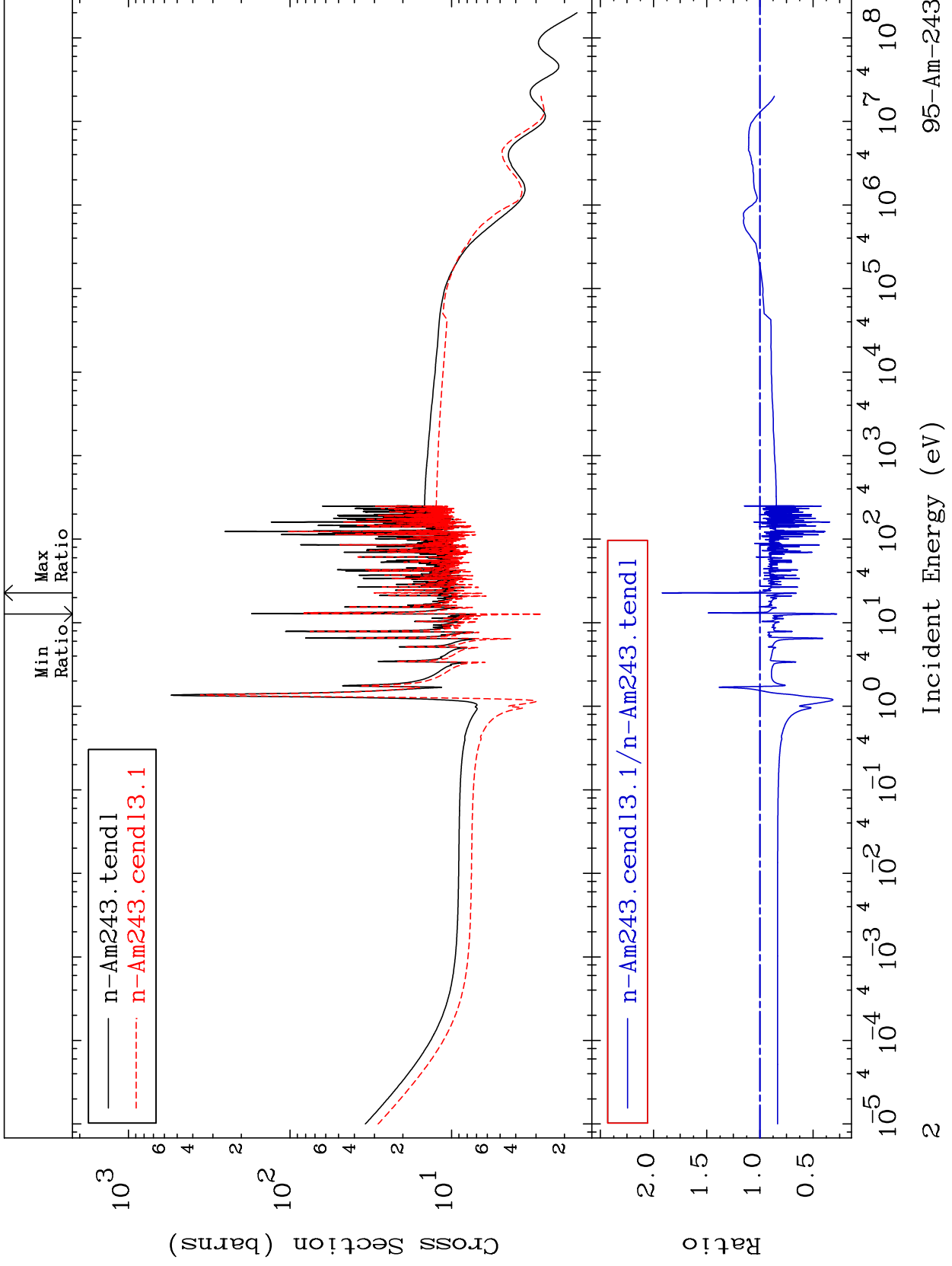
MAT 9549

Elastic

95-Am-243

Cross Section

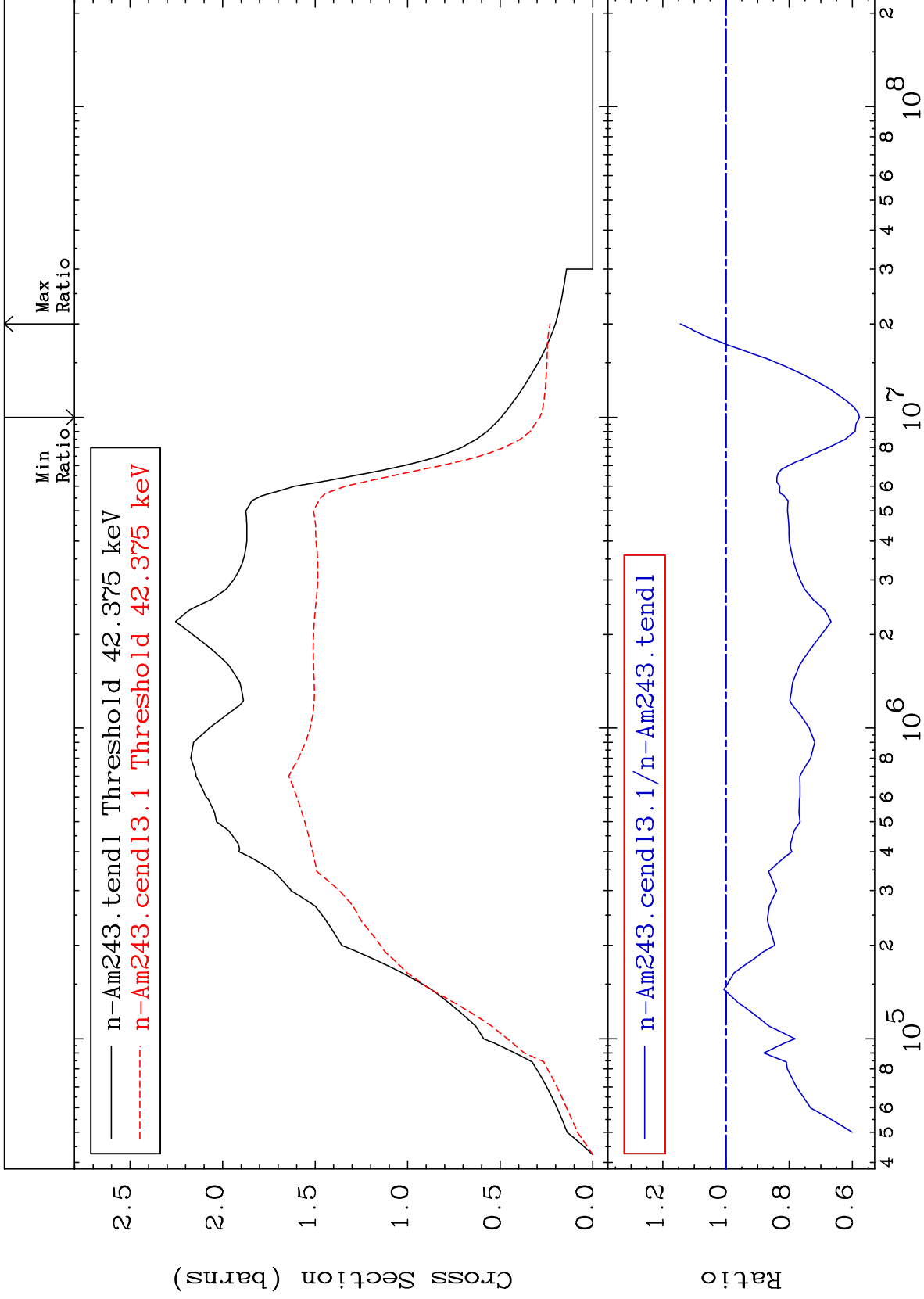
-72.17 To 91.80 %



MAT 9549

Inelastic
Cross Section

95-Am-243
-42.23 To 14.44 %



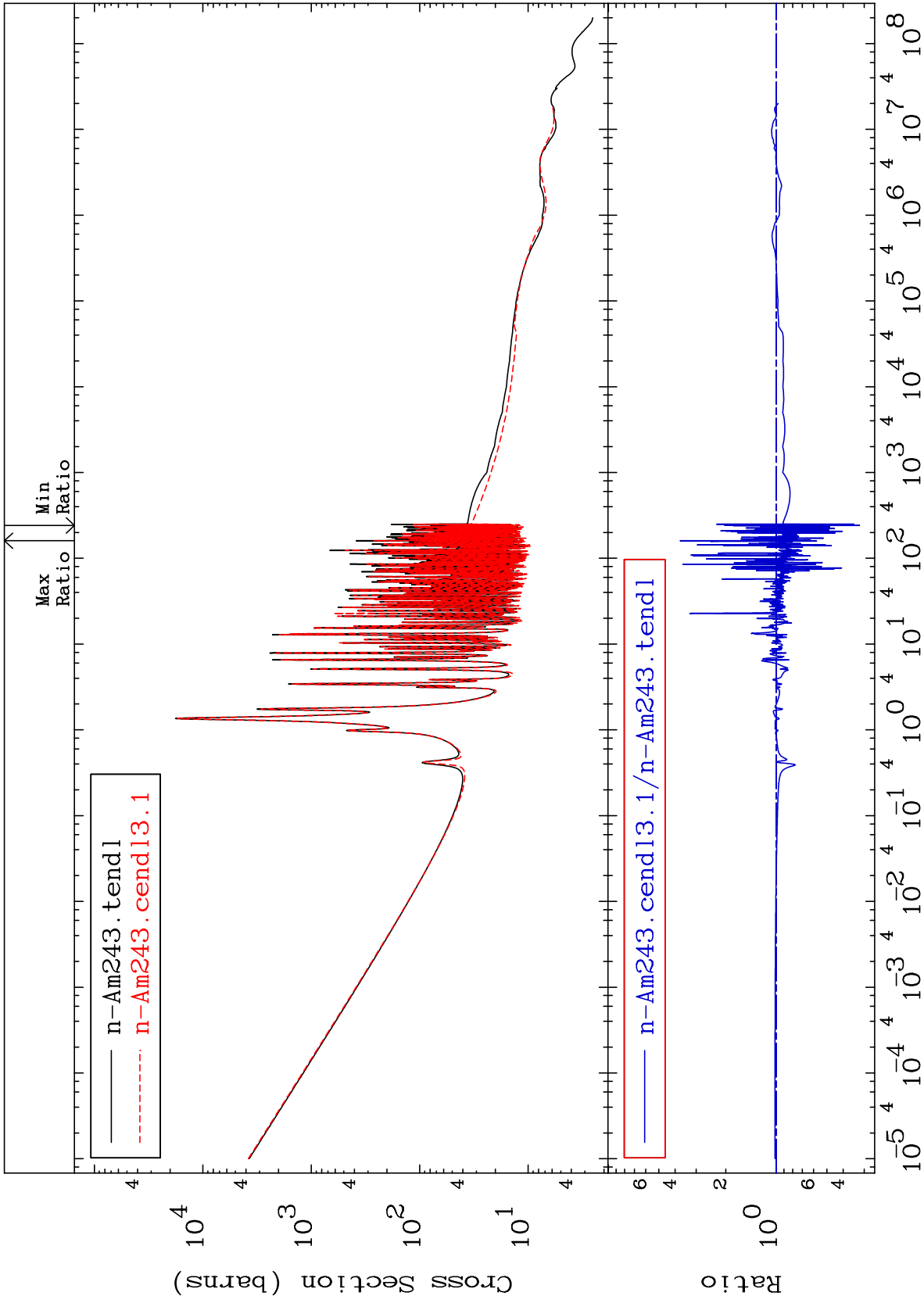
3

Incident Energy (eV)

95-Am-243

MAT 9549

Total Cross Section
95-Am-243
-68.00 To 272.7 %



95-Am-243

Incident Energy (eV)

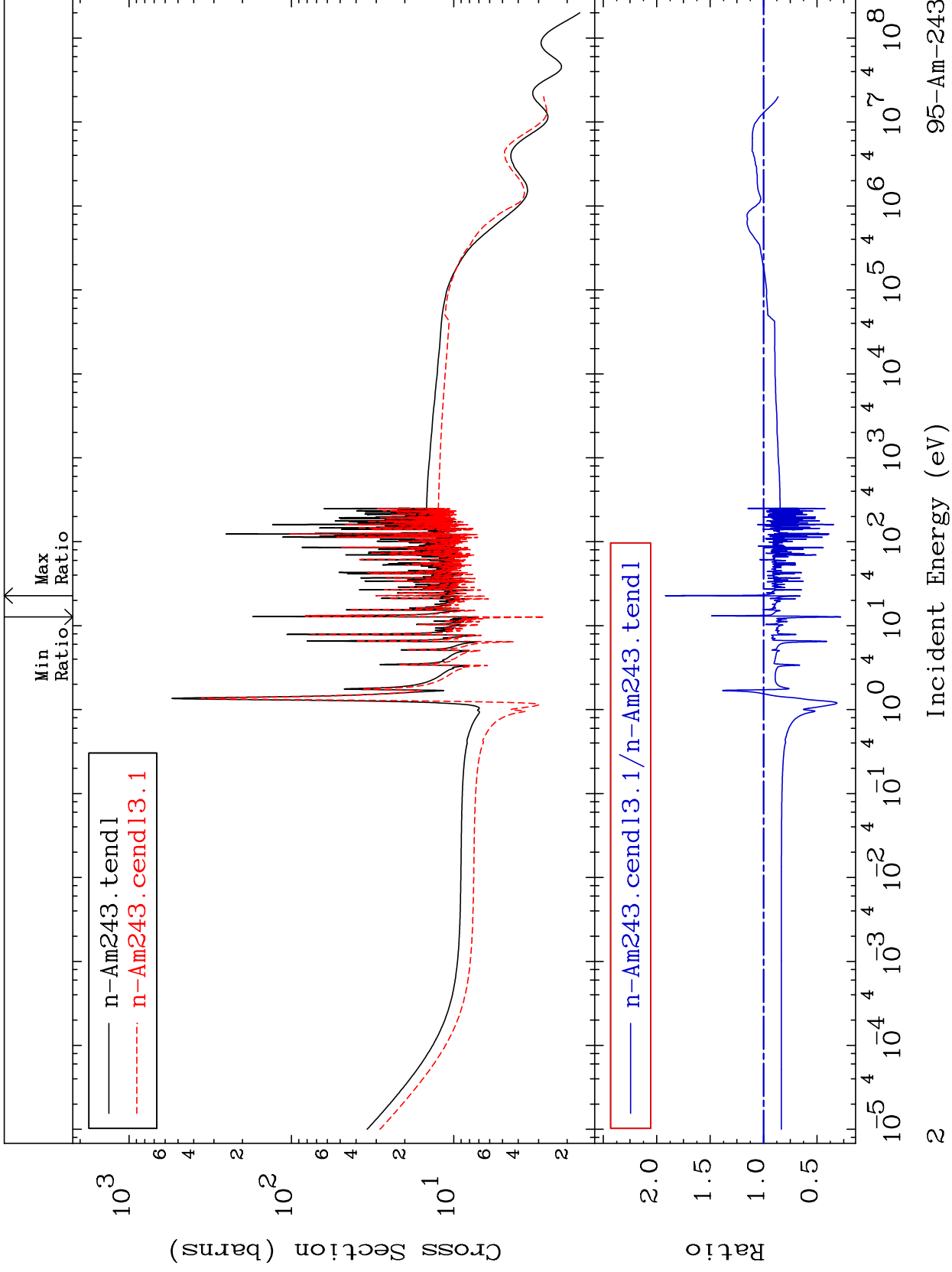
MAT 9549

Elastic

95-Am-243

Cross Section

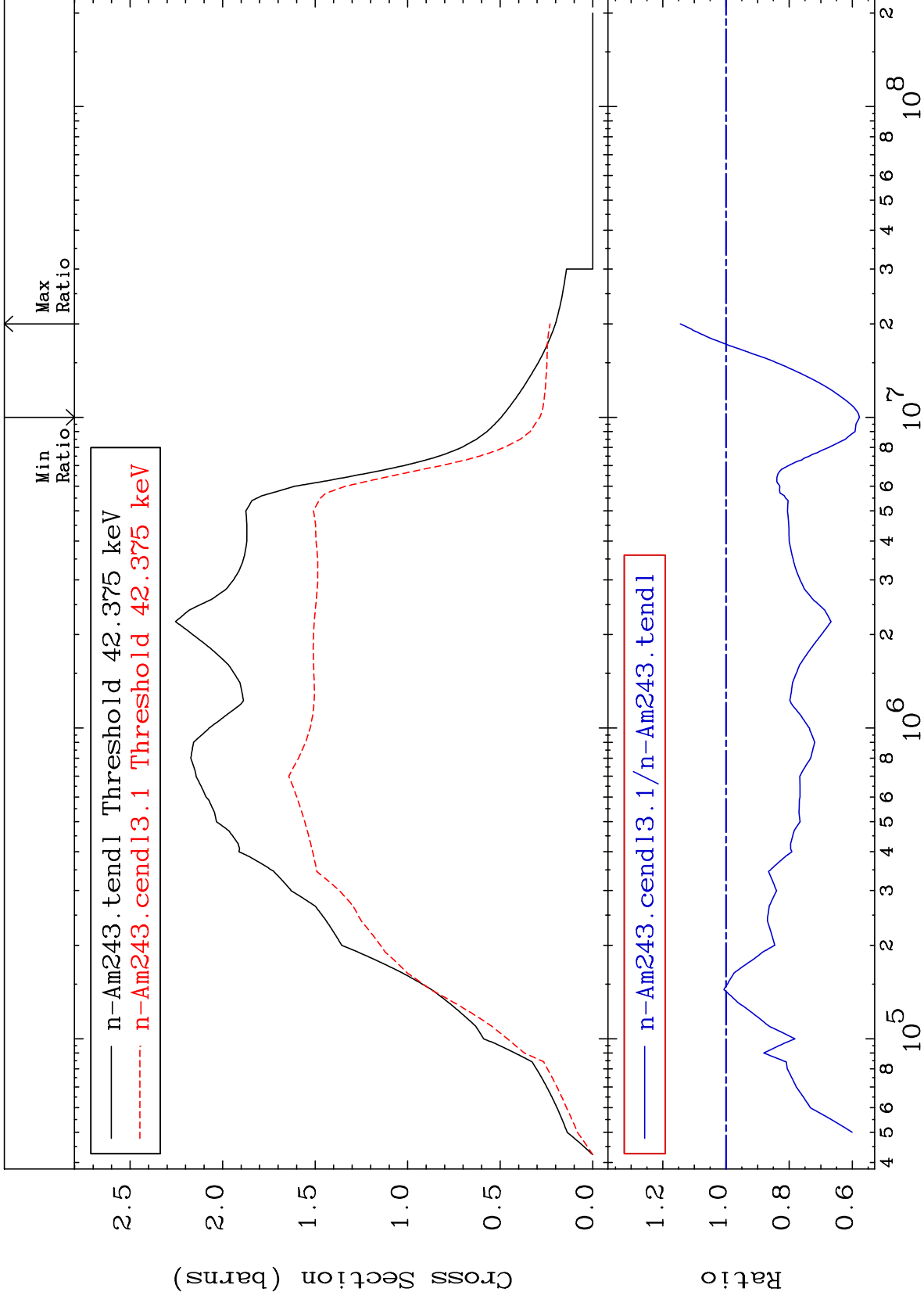
-72.17 To 91.80 %



MAT 9549

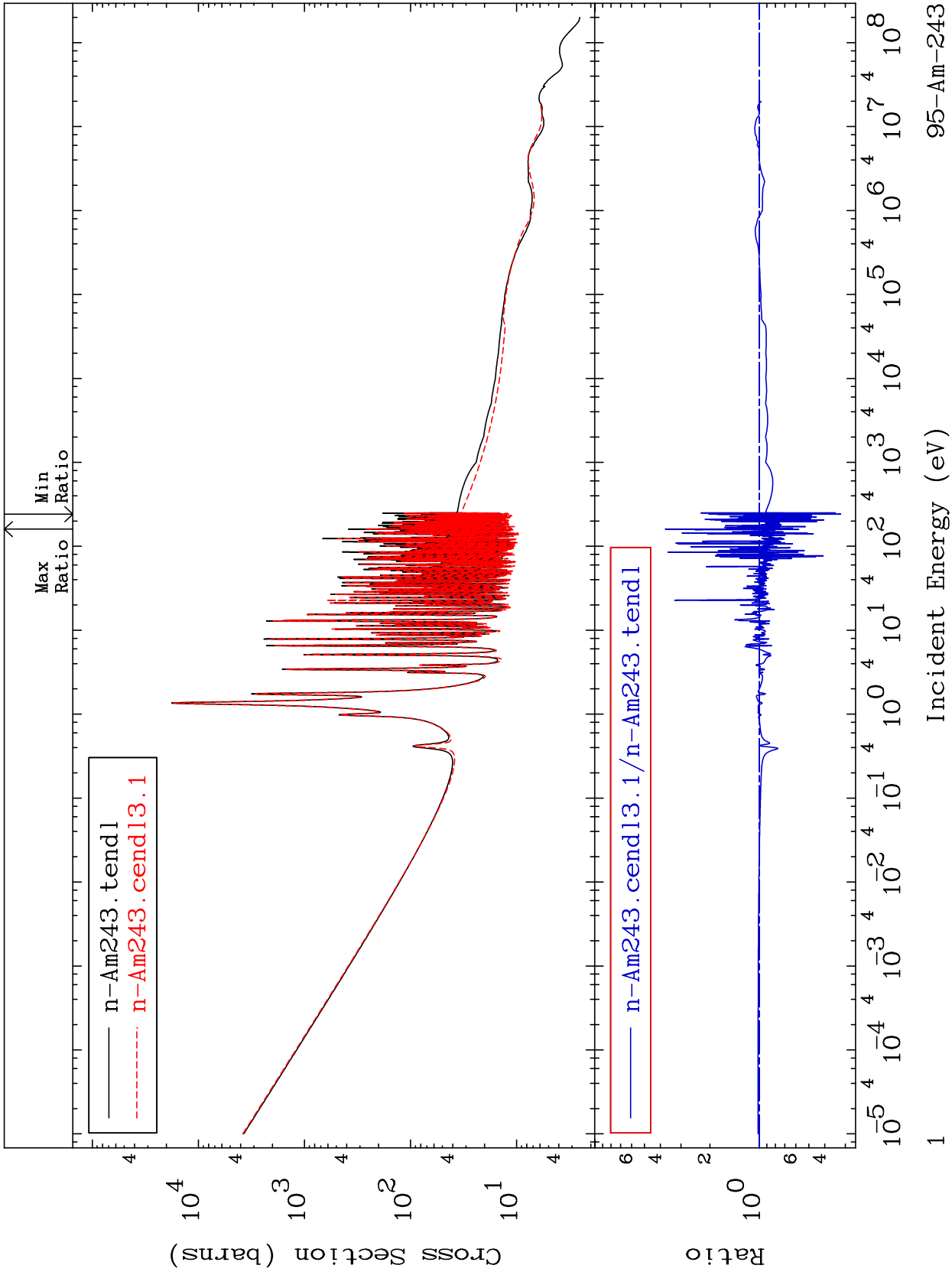
Inelastic
Cross Section

95-Am-243
-42.23 To 14.44 %



MAT 9549

Total Cross Section
95-Am-243
-68.00 To 272.7 %



95-Am-243

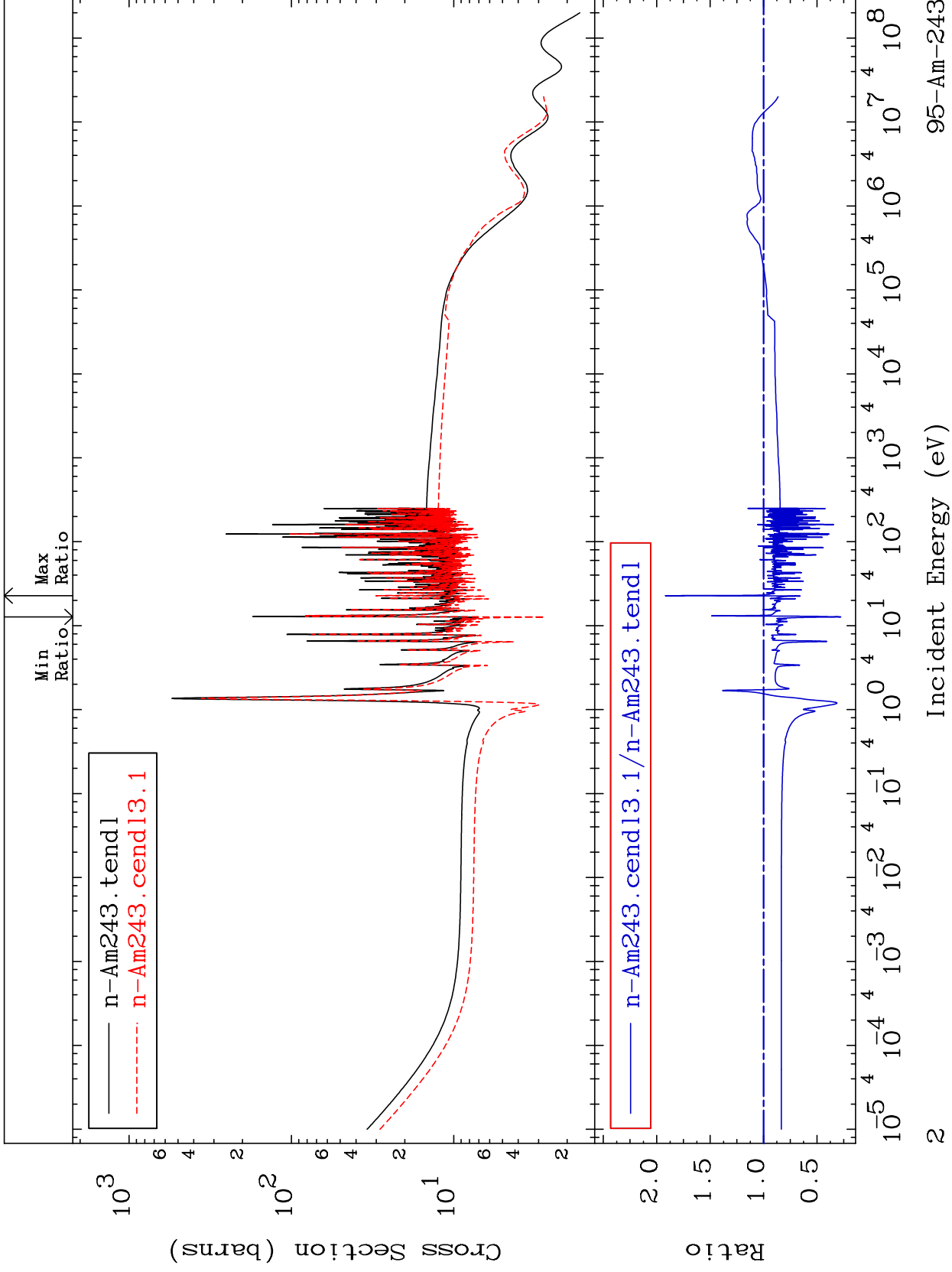
MAT 9549

Elastic

95-Am-243

Cross Section

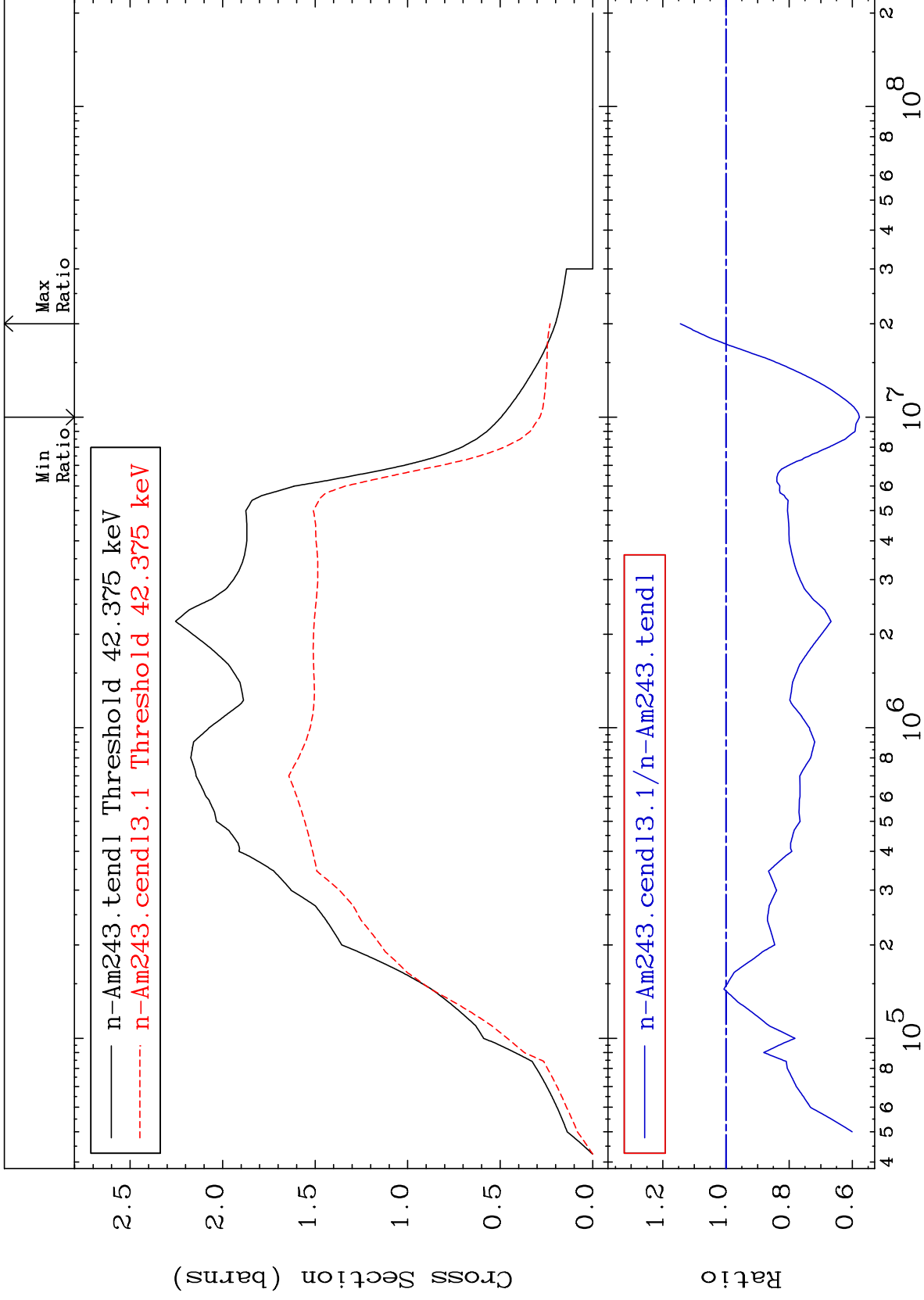
-72.17 To 91.80 %



MAT 9549

Inelastic
Cross Section

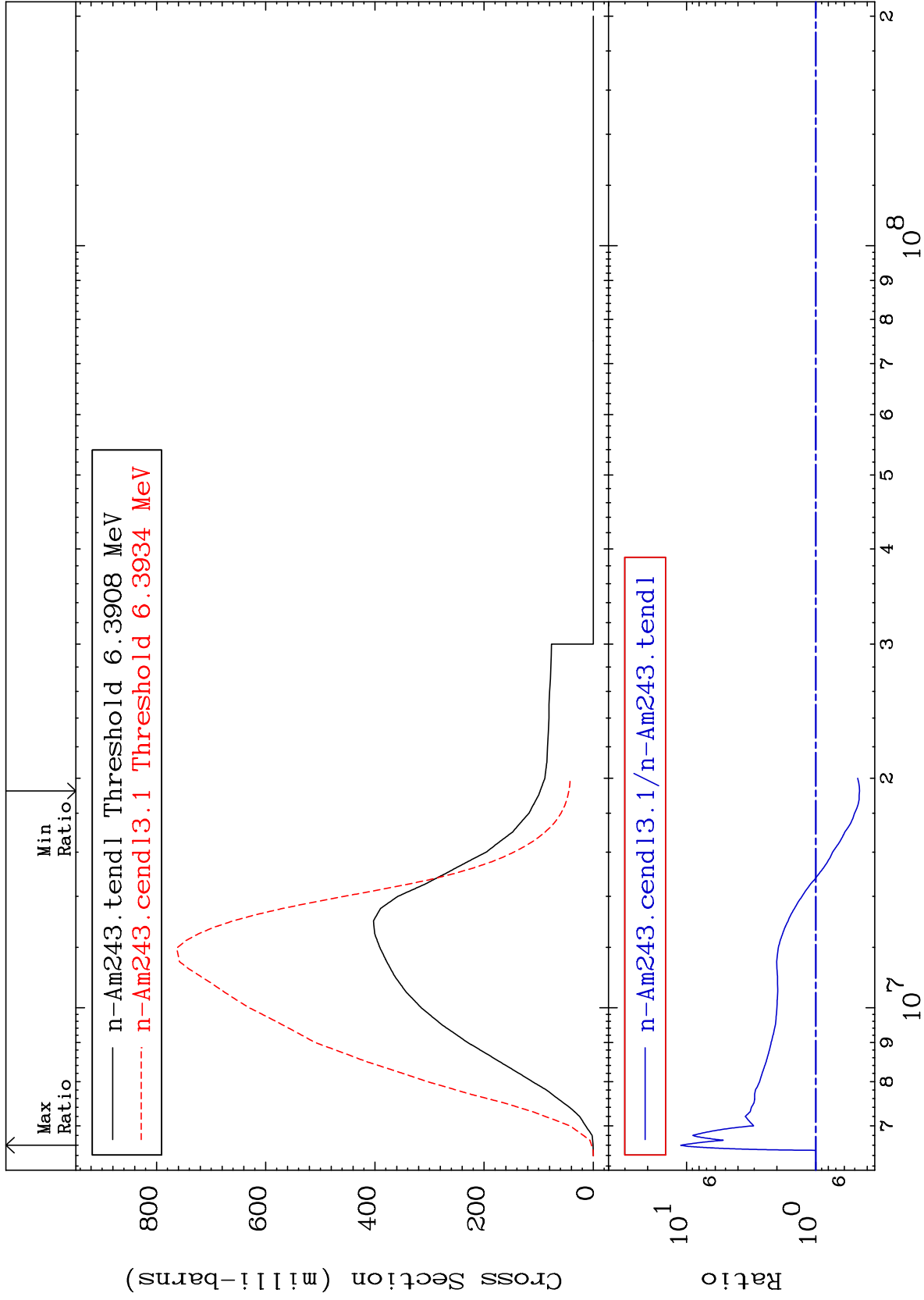
95-Am-243
-42.23 To 14.44 %



MAT 9549

(n,2n)
Cross Section

95-Am-243
-54.15 To 1008. %



4

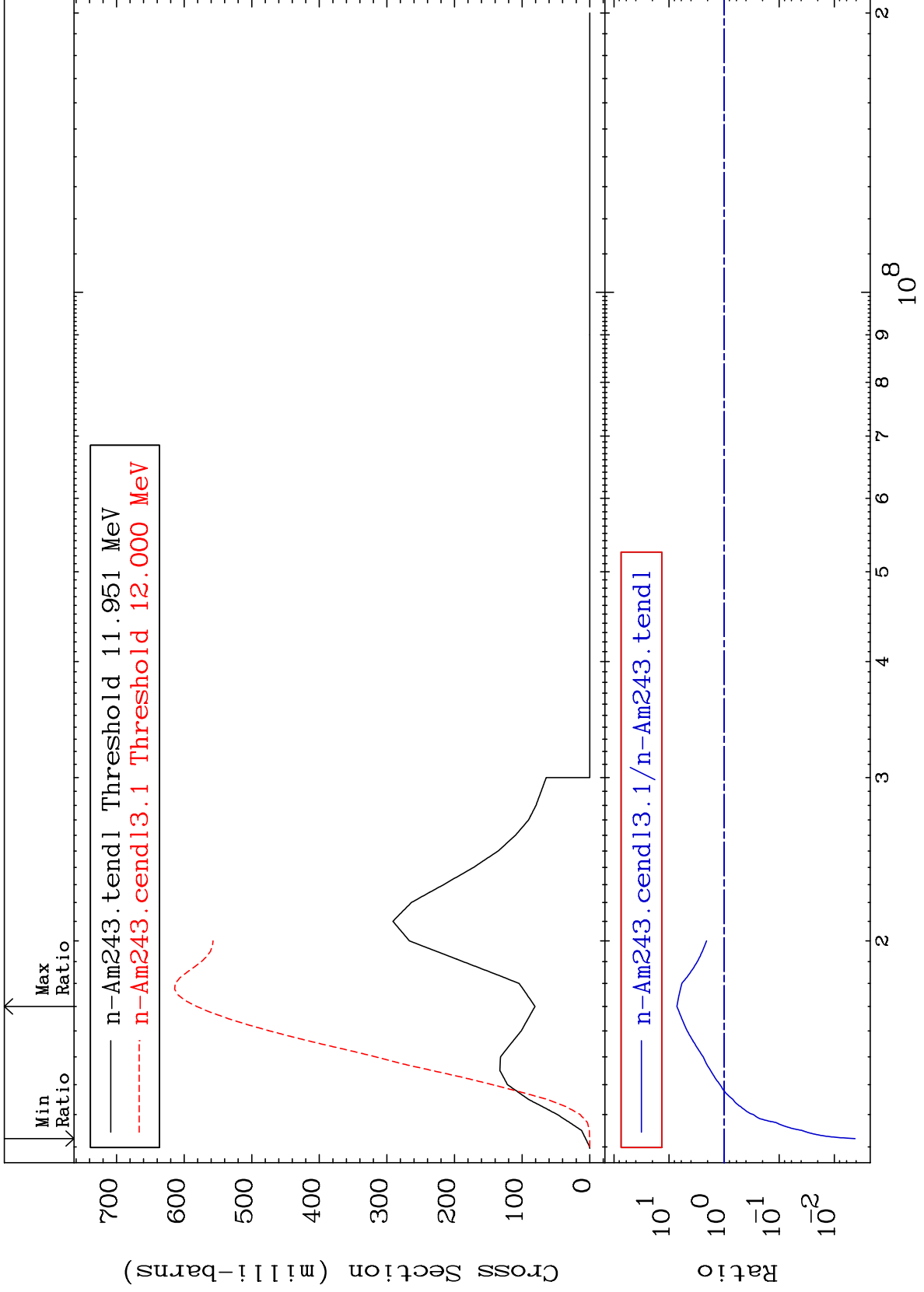
Incident Energy (eV)

95-Am-243

MAT 9549

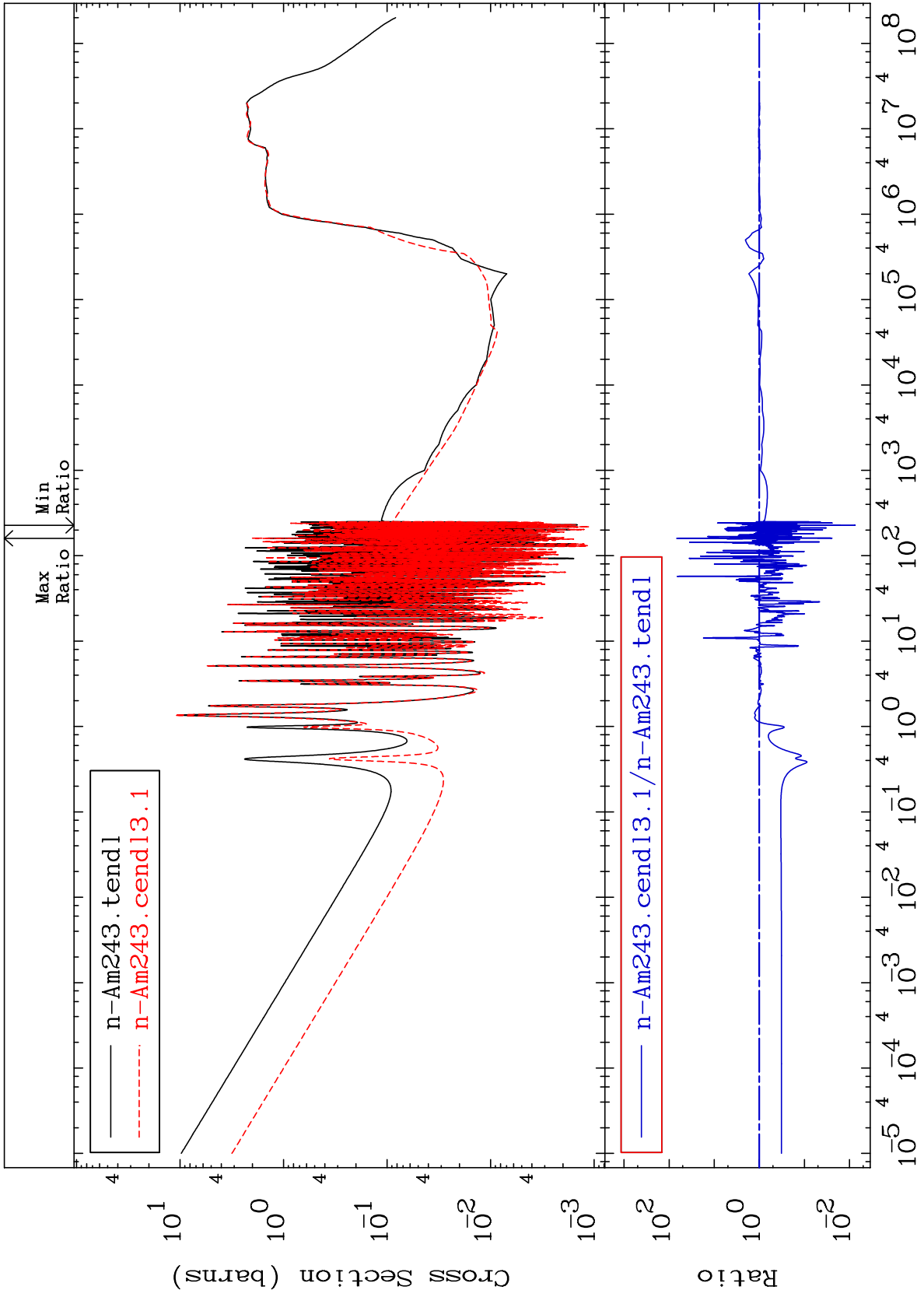
(n,3n)
Cross Section

95-Am-243
-99.58 To 618.8 %



MAT 9549

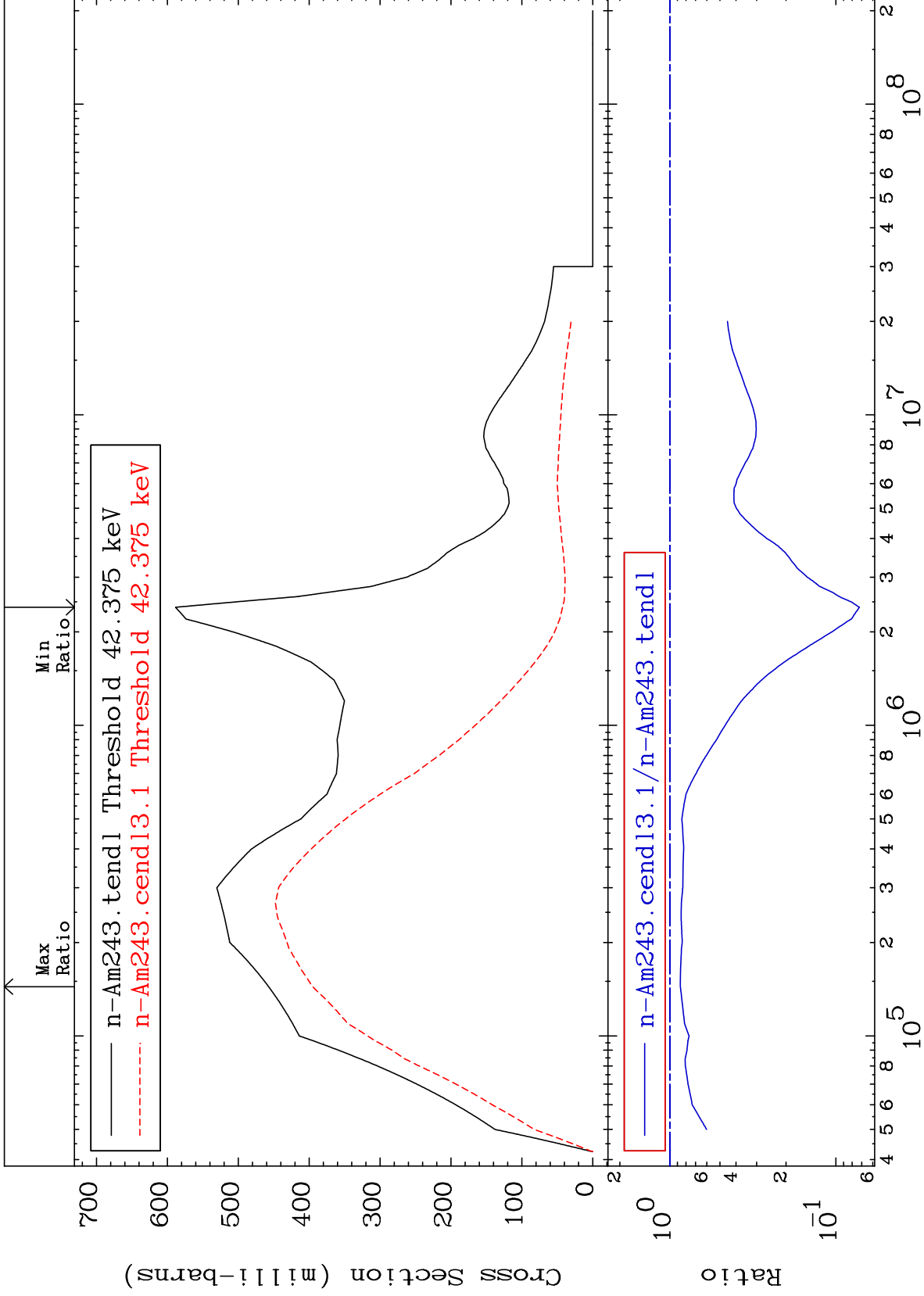
Fission Cross Section 95-Am-243
-99.25 To 6625. %



MAT 9549

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

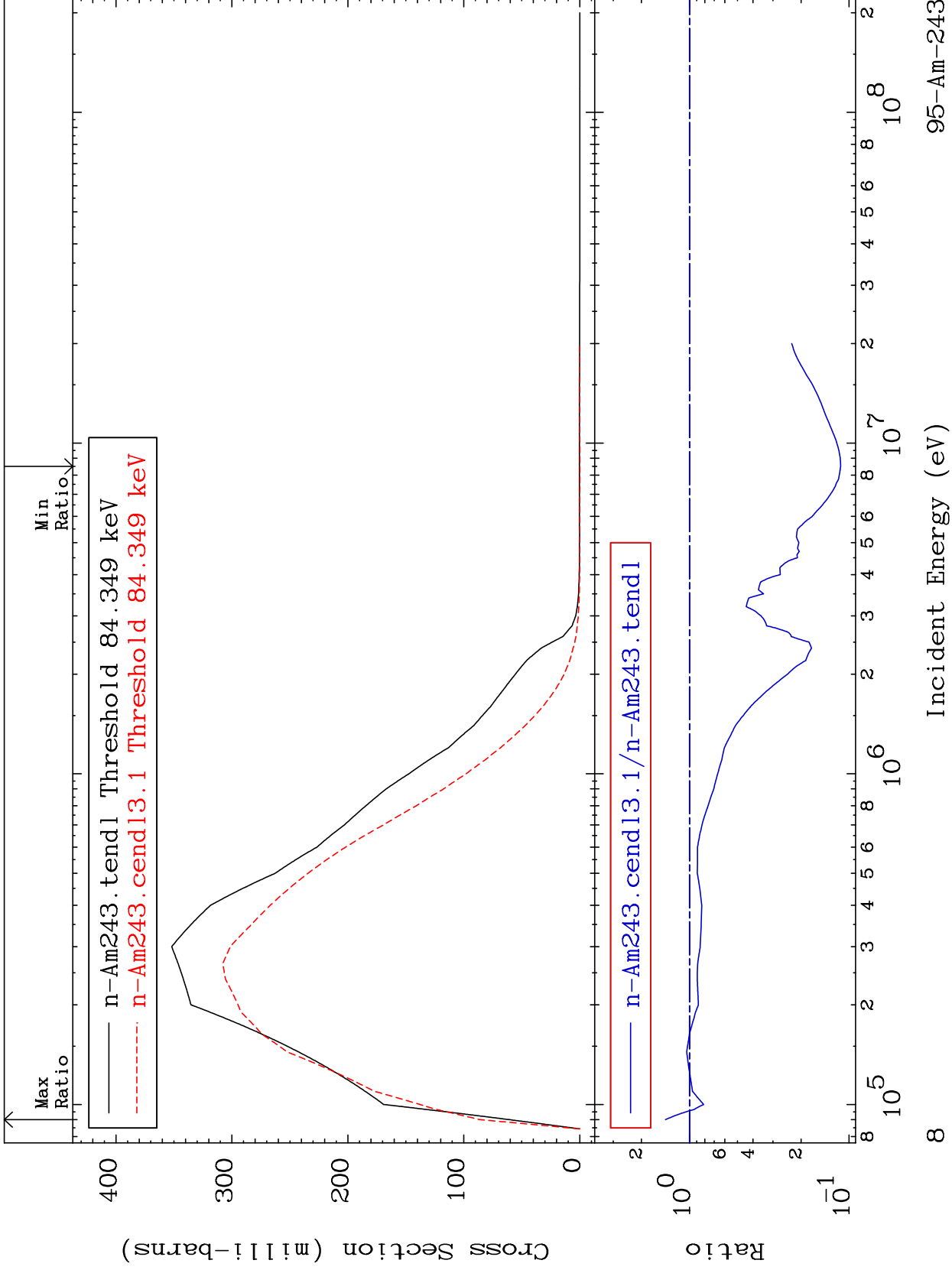
95-Am-243
-92.78 To -13.55%



MAT 9549

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

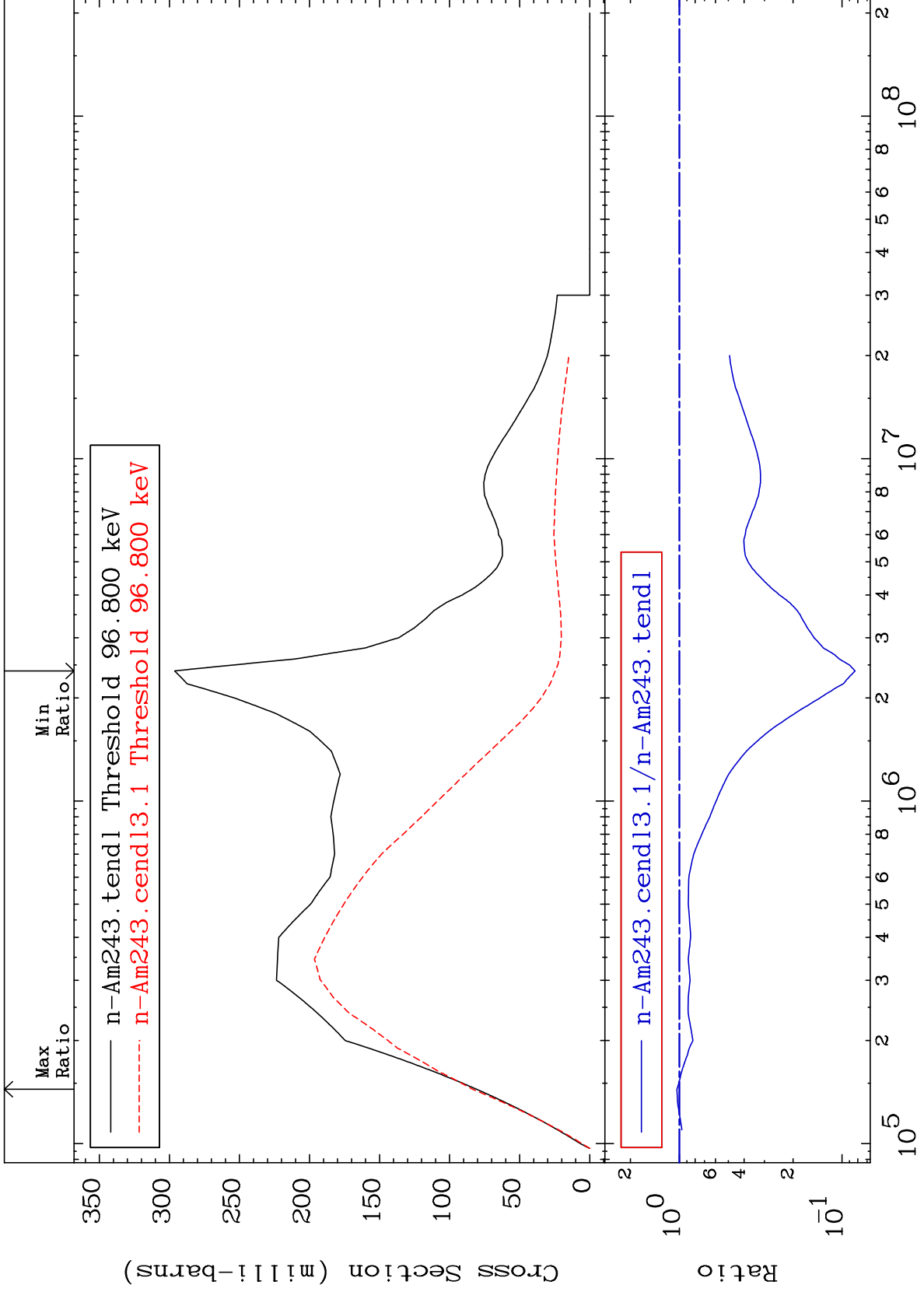
95-Am-243
-88.71 To 41.23 %



MAT 9549

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

95-Am-243
-91.69 To 3.504 %



9

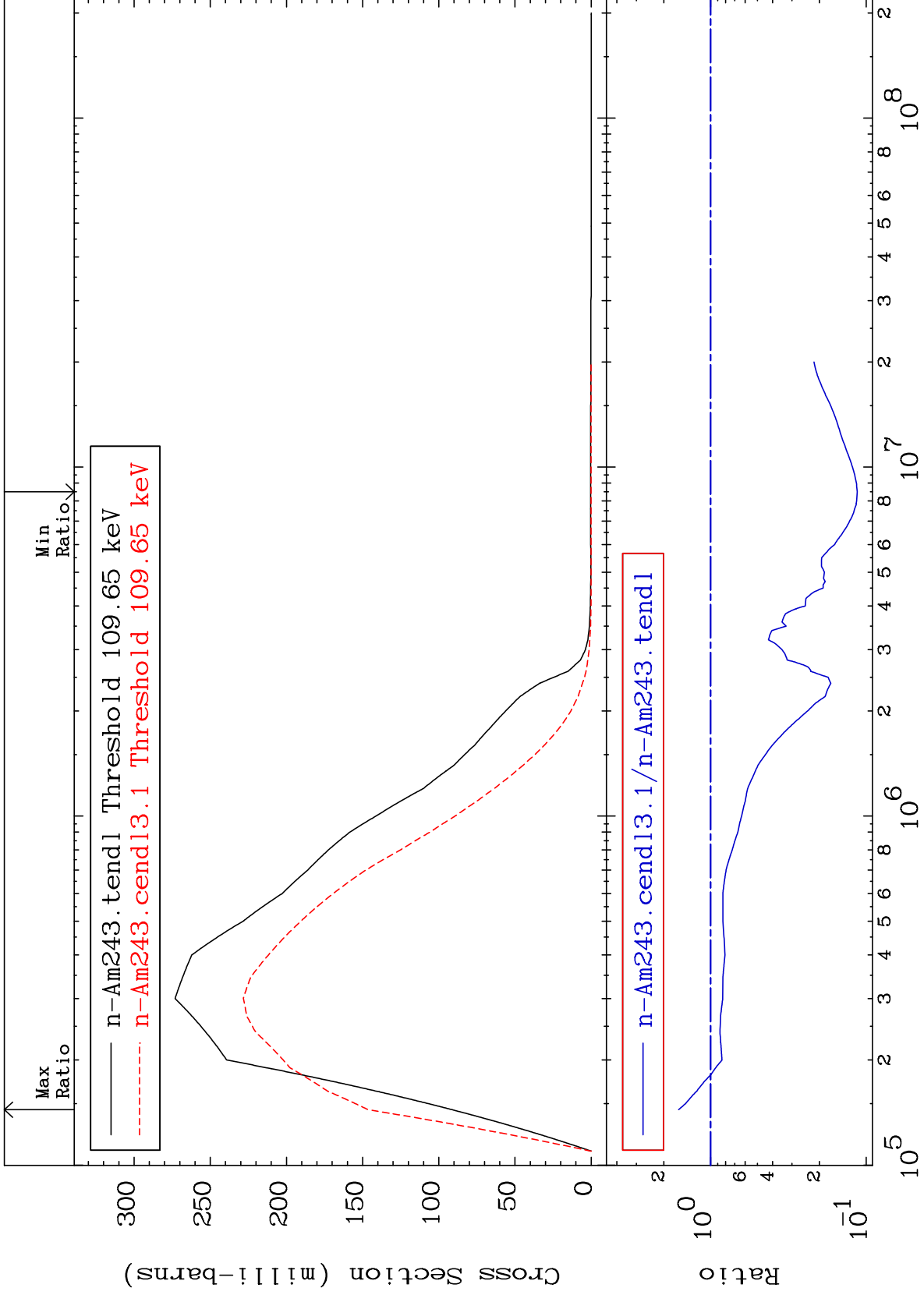
95-Am-243

95-Am-243

MAT 9549

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

95-Am-243
-88.58 To 60.42 %



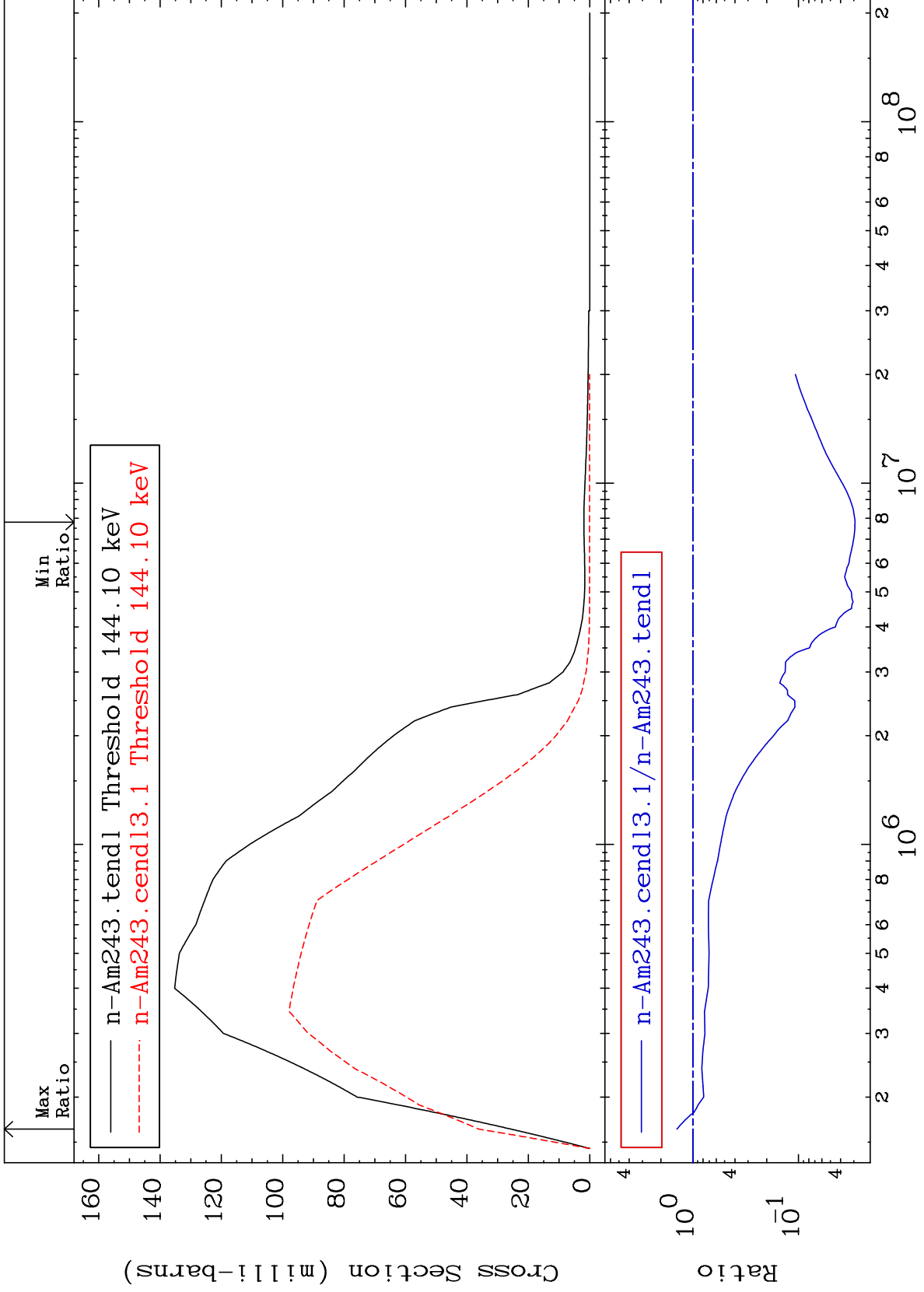
95-Am-243

Incident Energy (eV)

MAT 9549

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

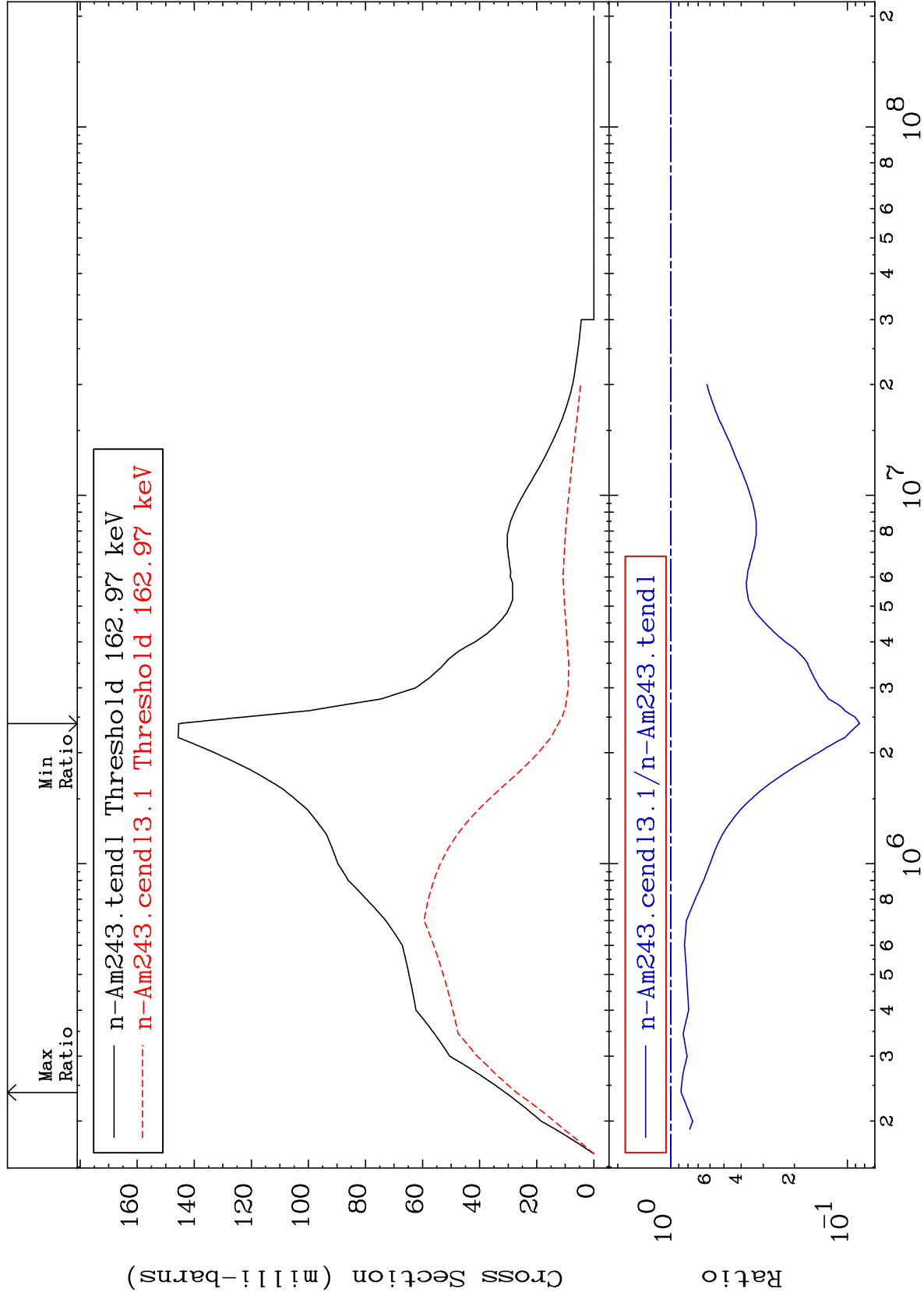
95-Am-243
-97.08 To 41.31 %



MAT 9549

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

95-Am-243
-91.47 To -12.63%



12

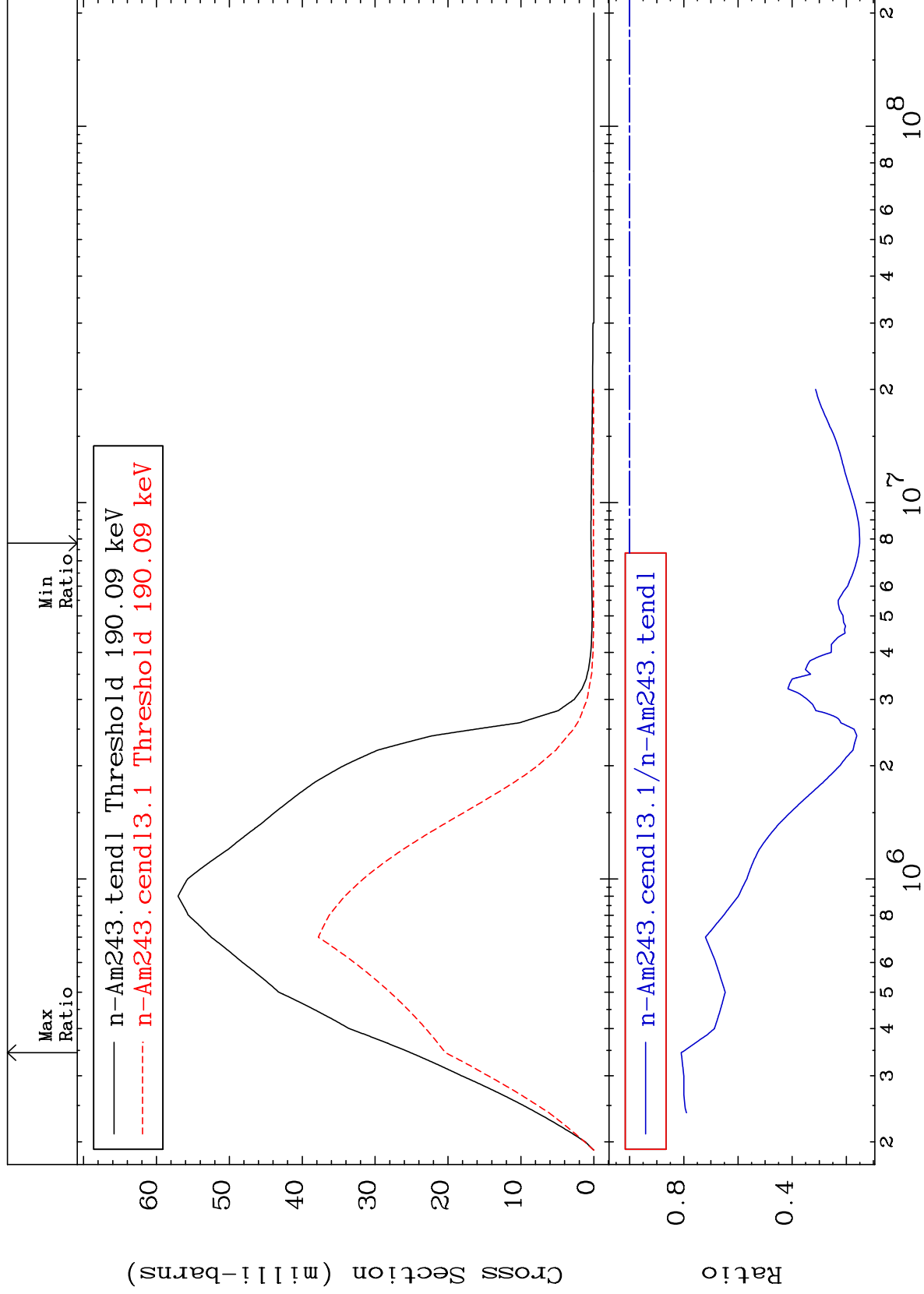
Incident Energy (eV)

95-Am-243

MAT 9549

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

95-Am-243
-84.92 To -19.03%



13

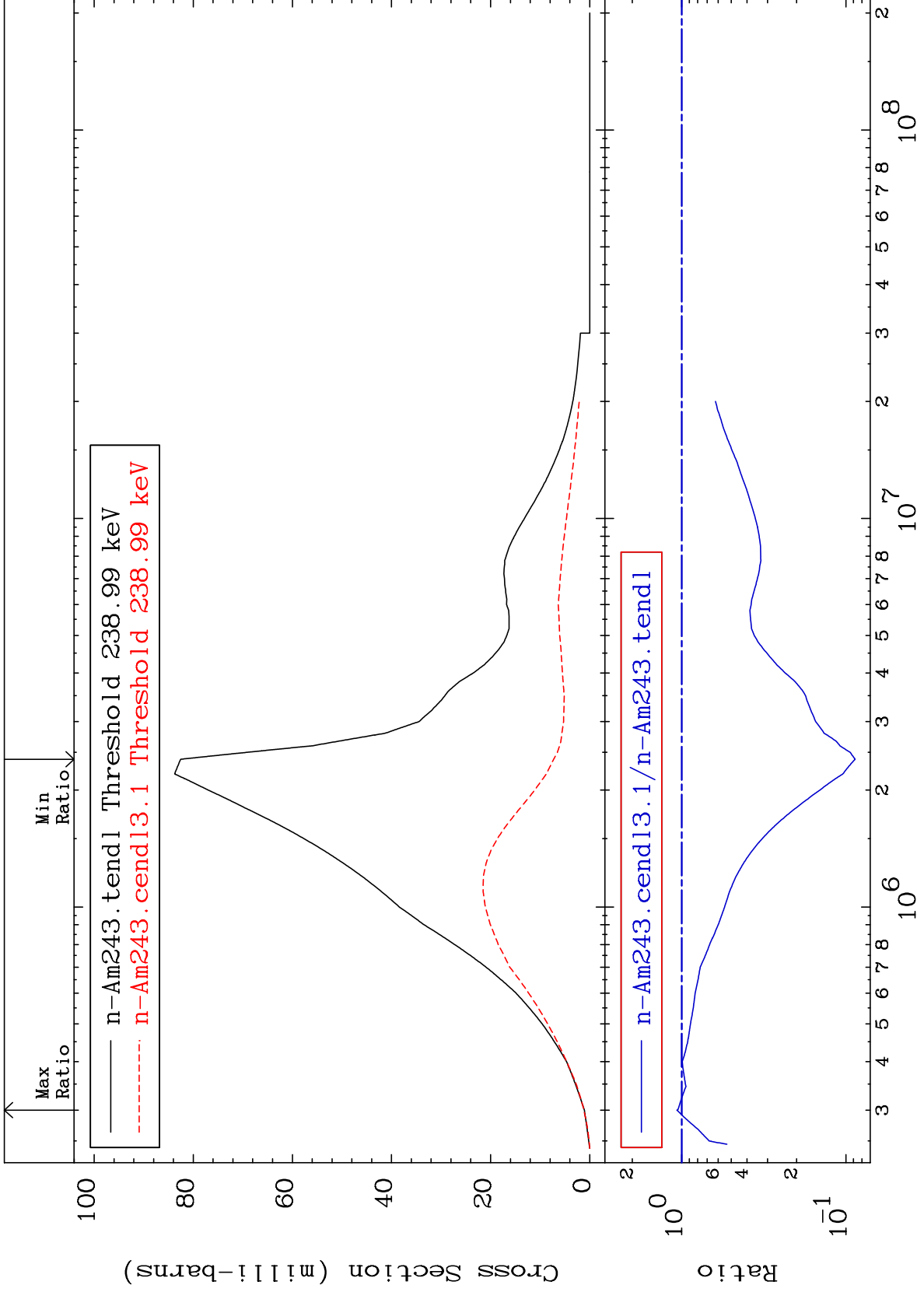
Incident Energy (eV)

95-Am-243

MAT 9549

MT= 58 (n,n') Level
Cross Section

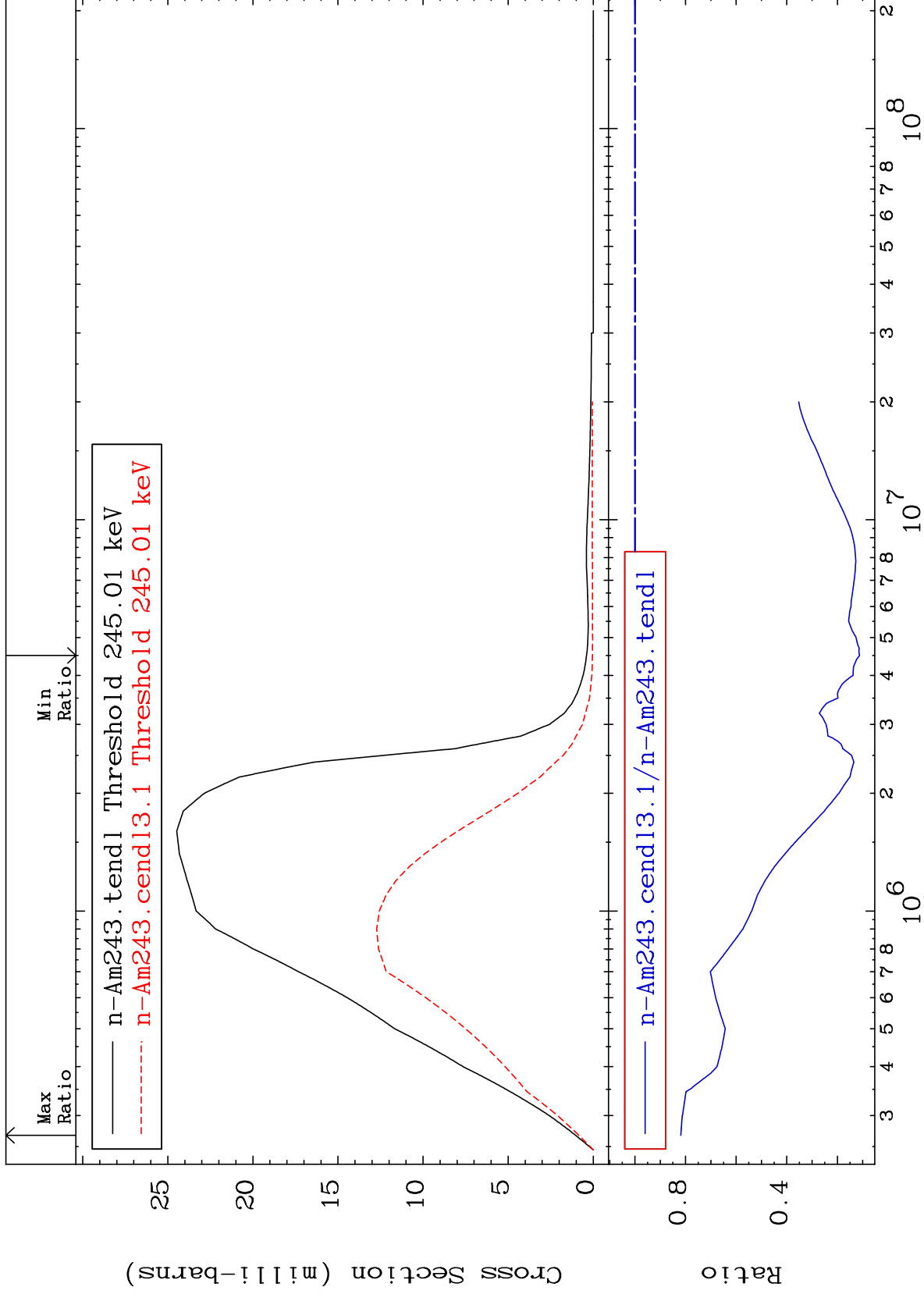
95-Am-243
-91.21 To 7.001 %



MAT 9549

MT= 59 (n,n') Level
Cross Section

95-Am-243
-88.76 To -18.11%



15

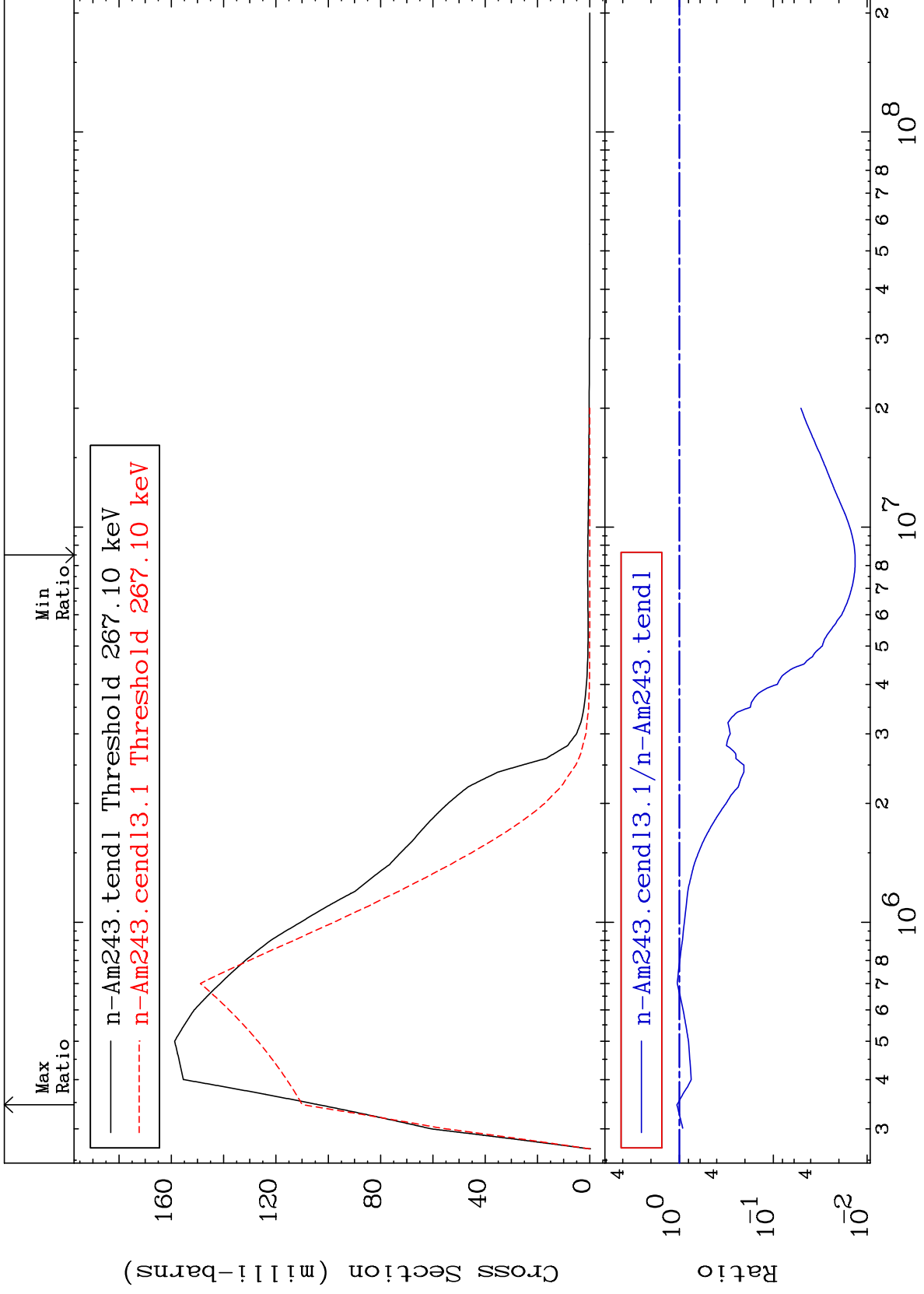
Incident Energy (eV)

95-Am-243

MAT 9549

MT= 60 (n,n') Level
Cross Section

95-Am-243
-98.65 To 6.065 %



16

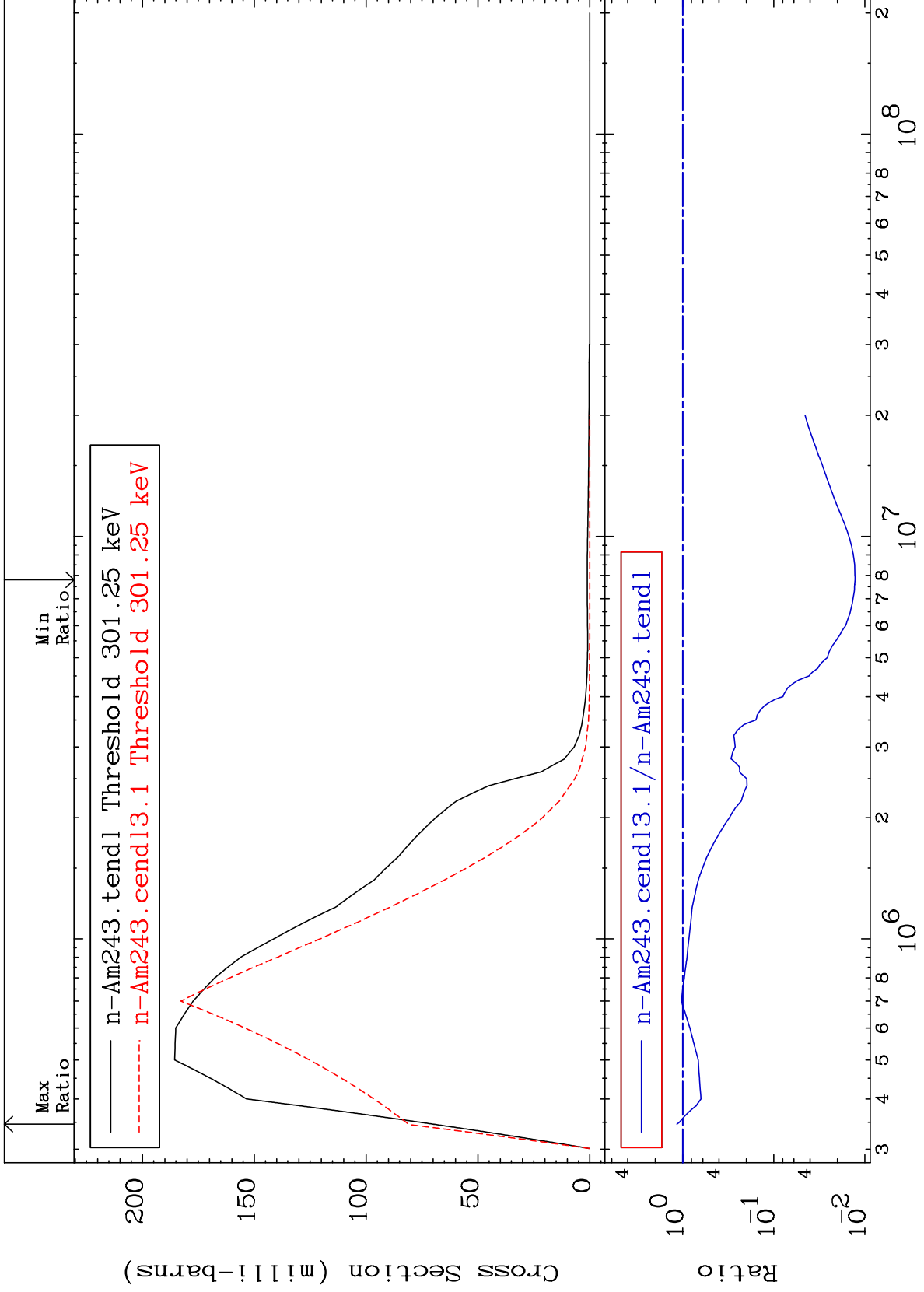
Incident Energy (eV)

95-Am-243

MAT 9549

MT= 61 (n,n') Level
Cross Section

95-Am-243
-98.72 To 15.52 %



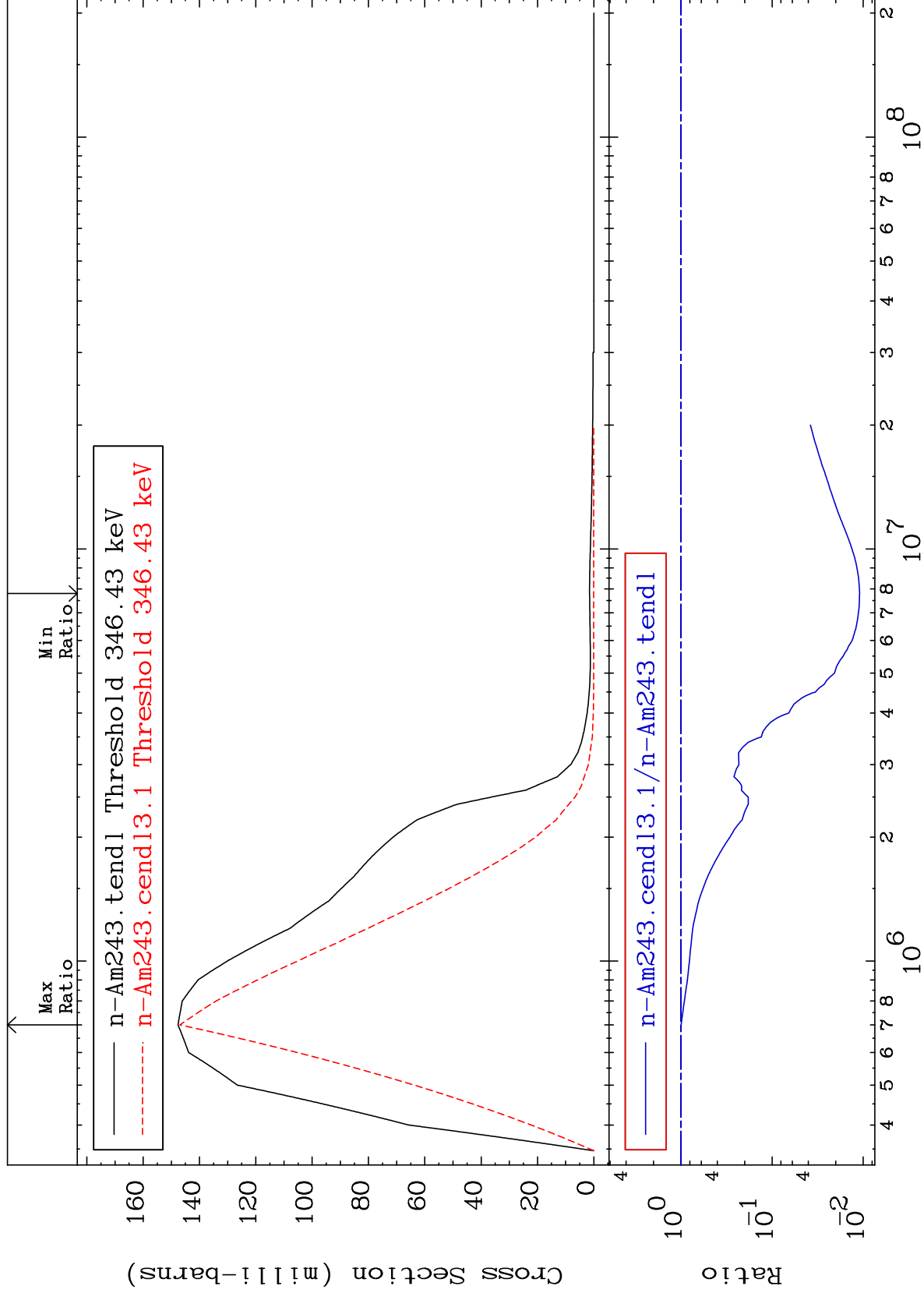
17

95-Am-243

MAT 9549

MT= 62 (n,n') Level
Cross Section

95-Am-243
-98.91 To -0.462%



18

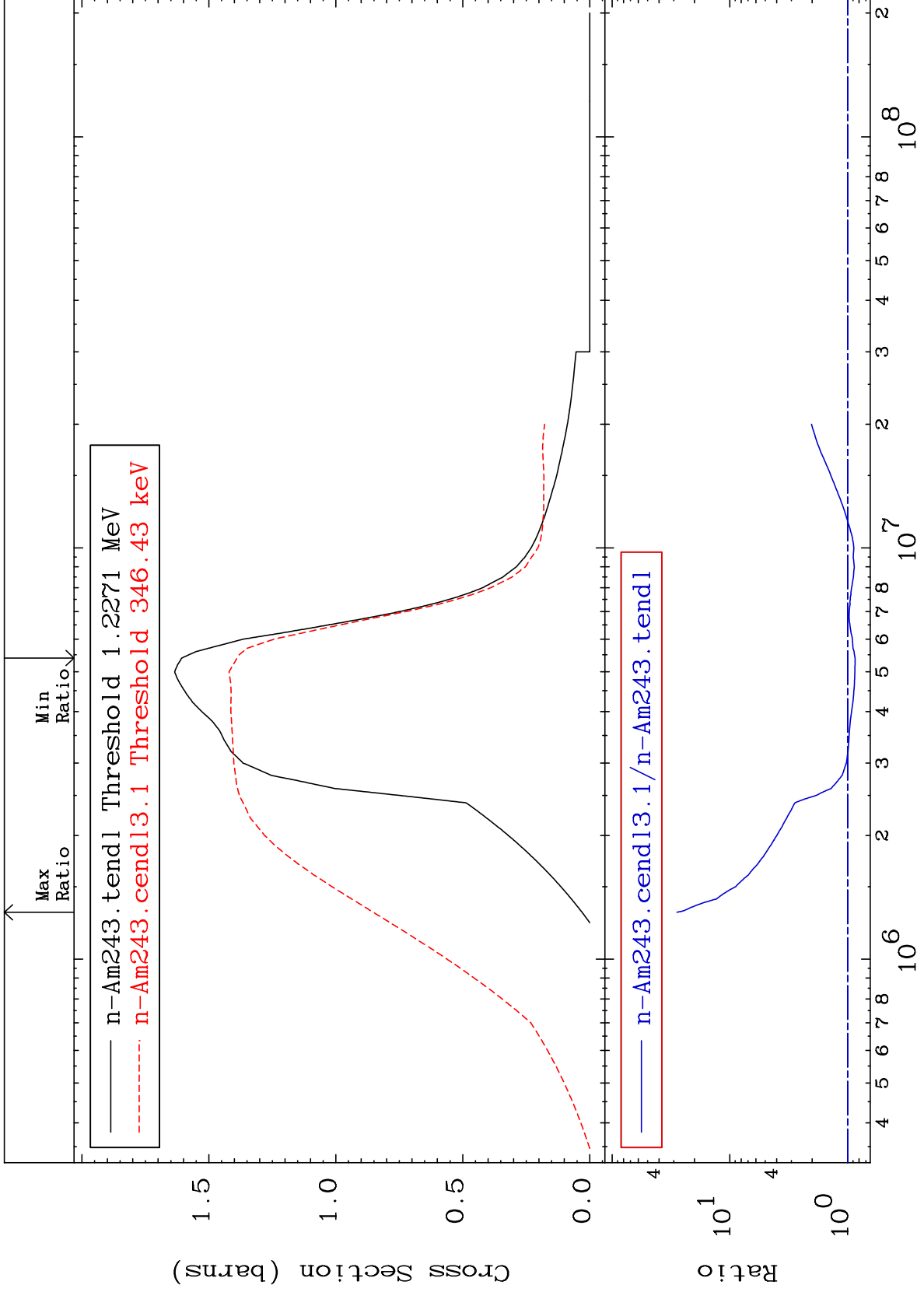
Incident Energy (eV)

95-Am-243

MAT 9549

(n, n') Continuum
Cross Section

95-Am-243
-13.58 To 2716. %



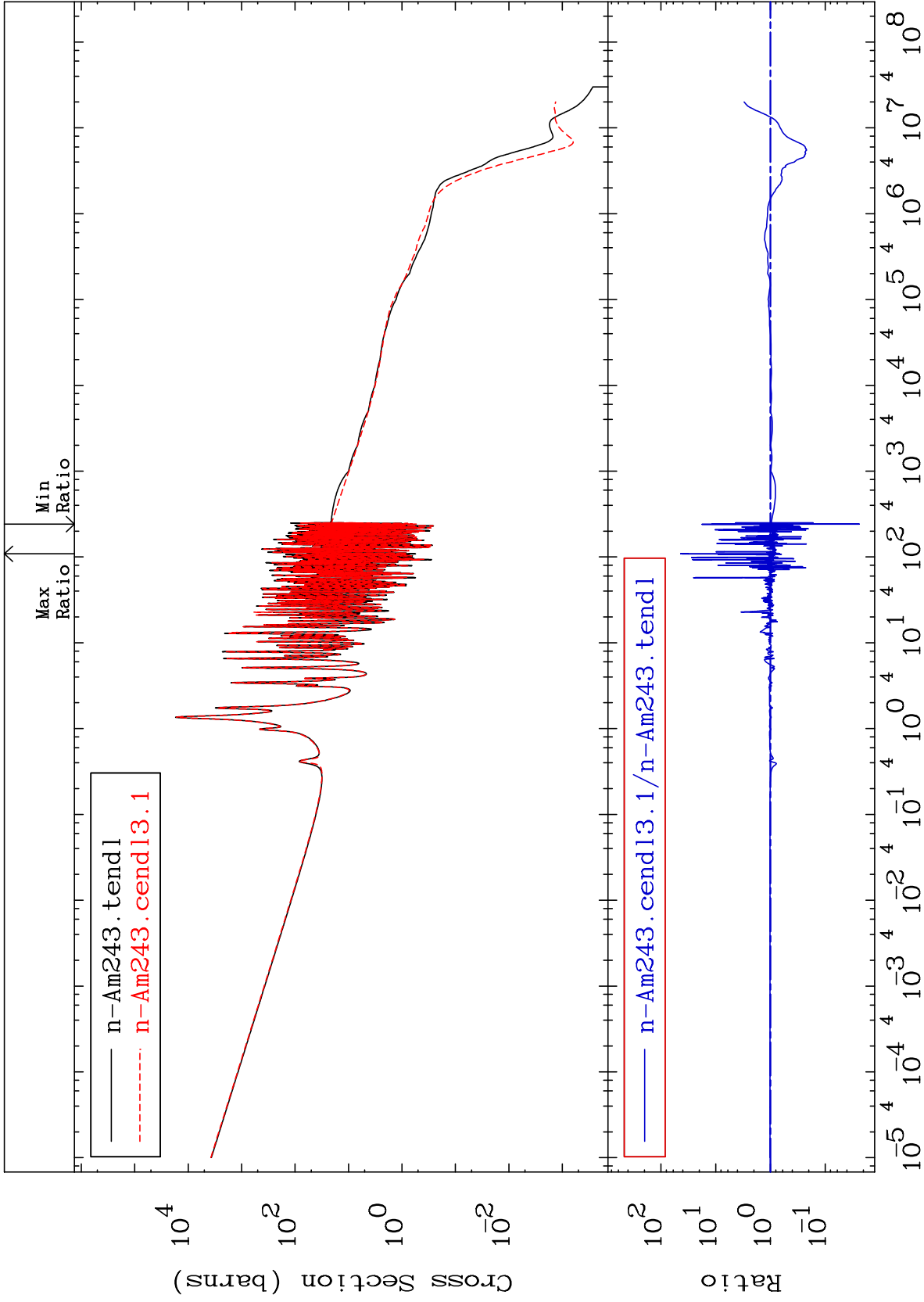
19

95-Am-243

MAT 9549

(n, γ)
Cross Section

95-Am-243
-97.63 To 4331. %



20

Incident Energy (eV)

95-Am-243

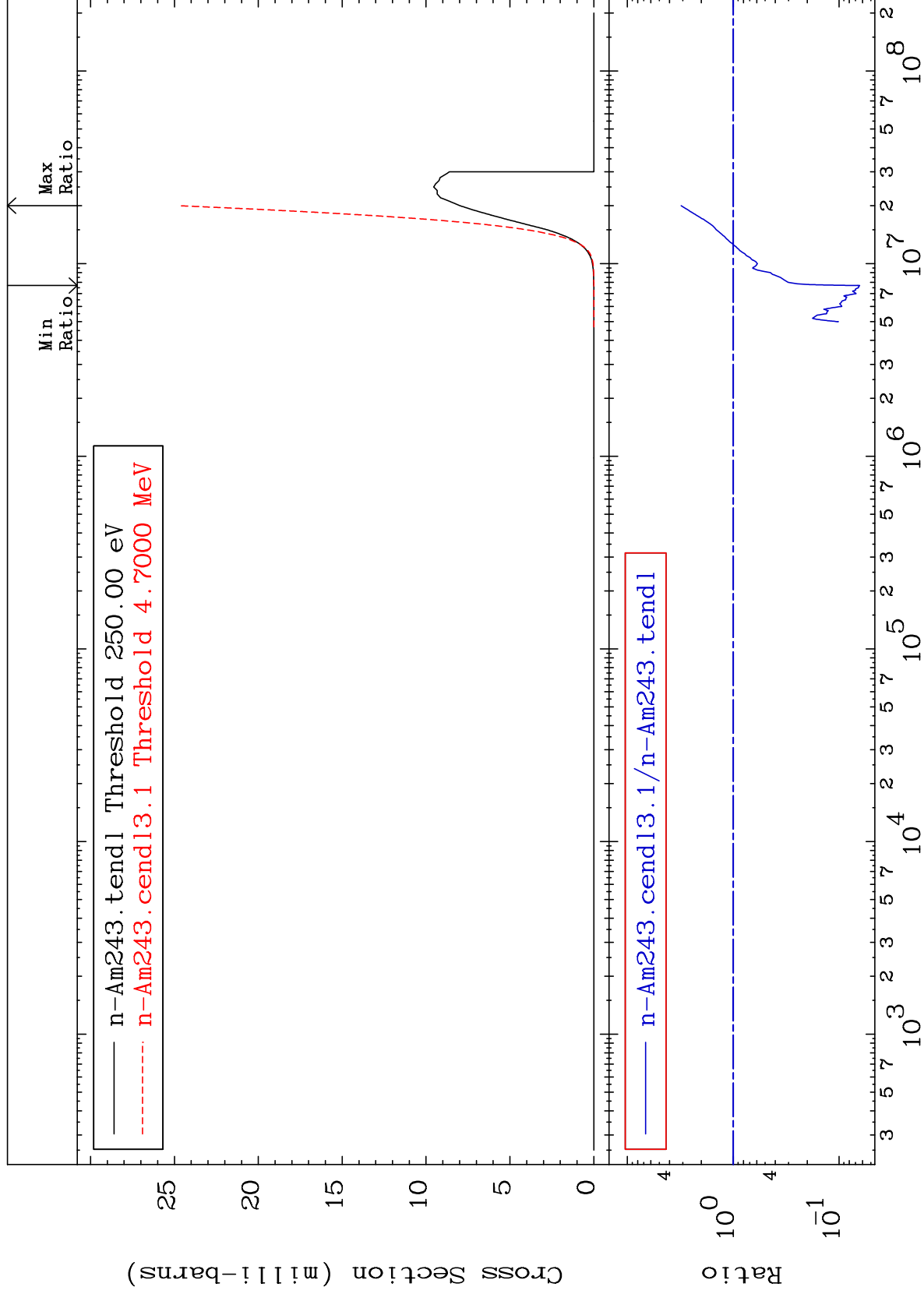
MAT 9549

(n, p)

Cross Section

95-Am-243

-93.61 To 210.4 %



21

Incident Energy (eV)

95-Am-243

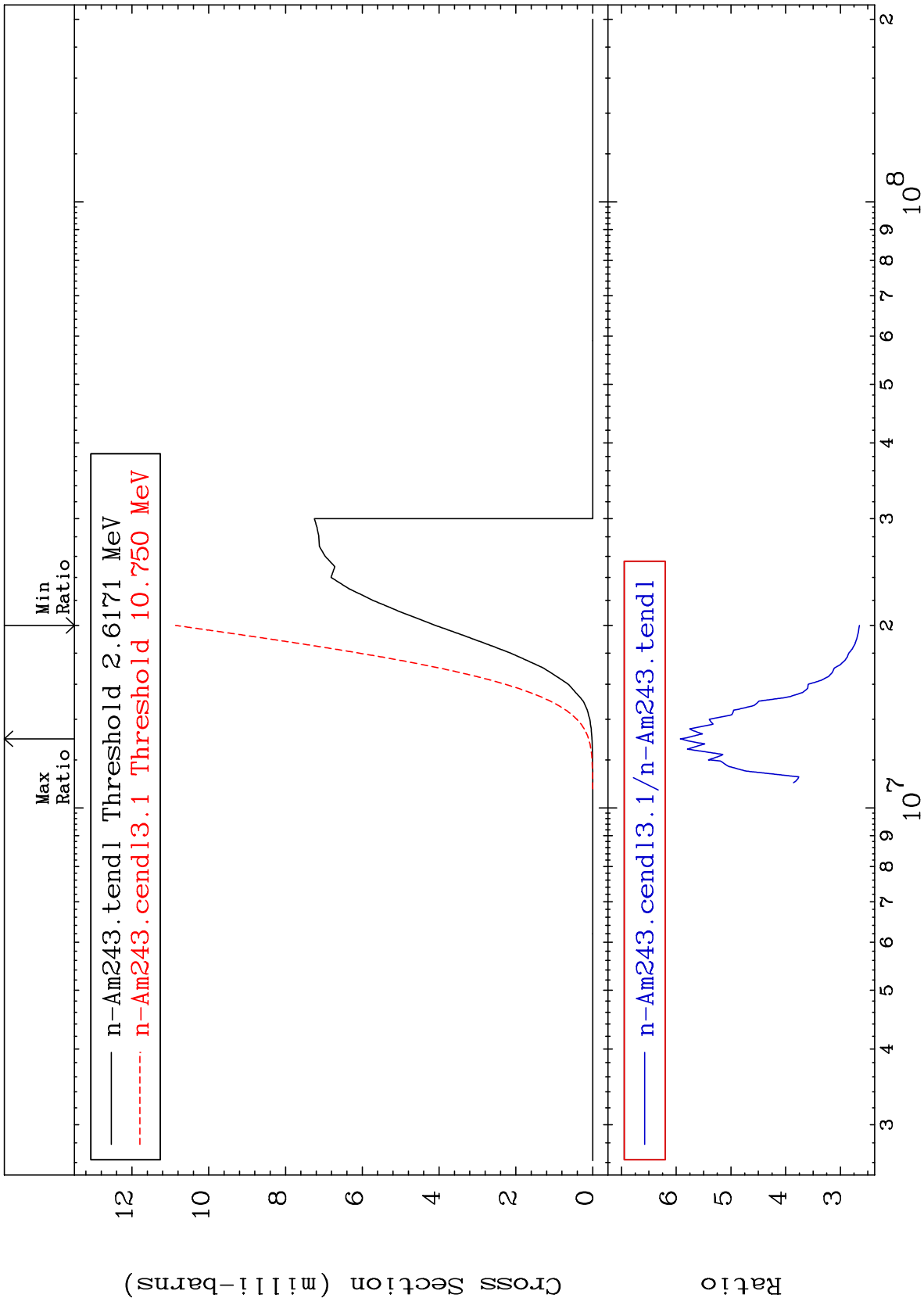
MAT 9549

(n, d)

95-Am-243

Cross Section

165.3 To 492.5 %

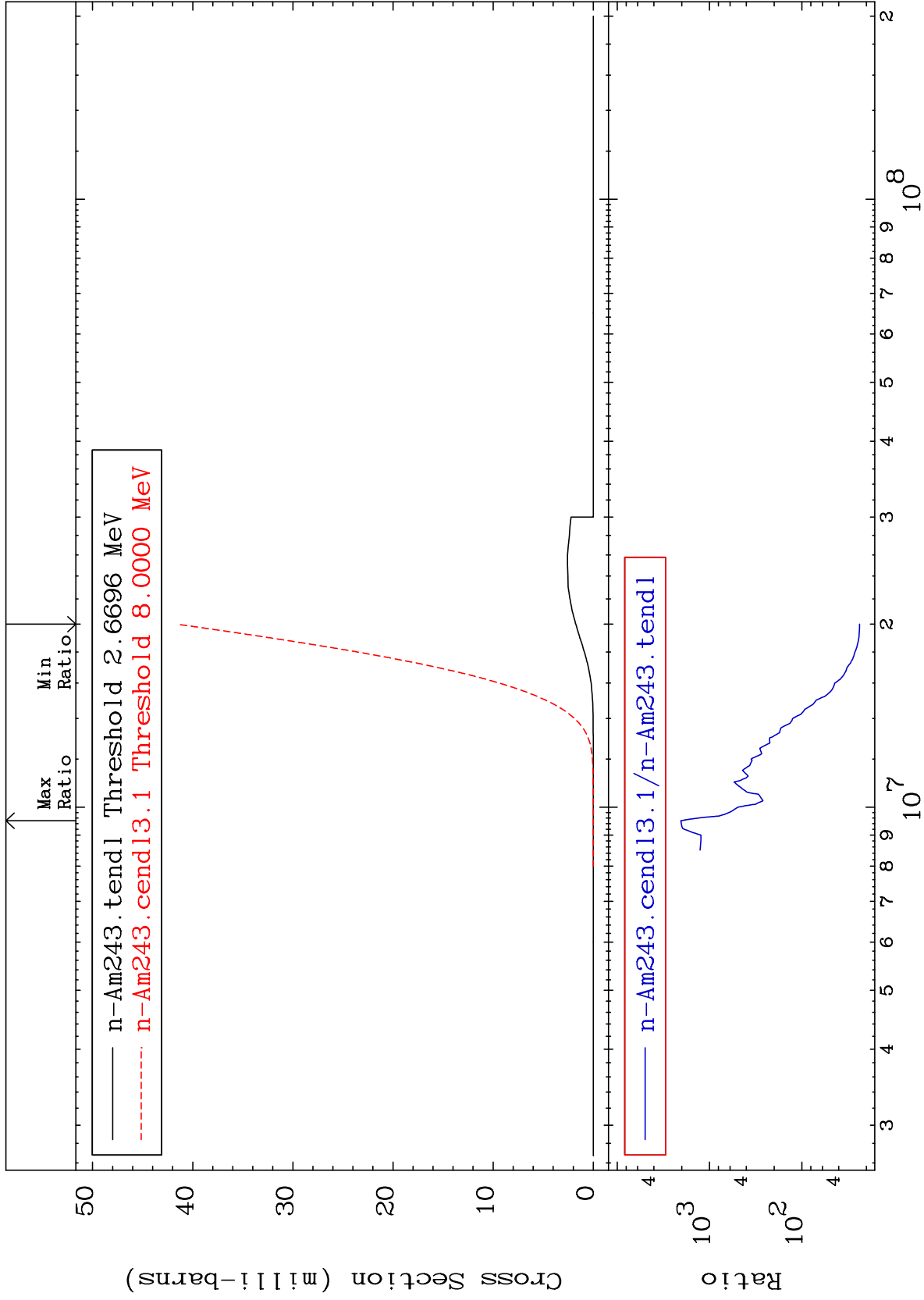


MAT 9549

95-Am-243

2278. To 9999. %

(n, t)
Cross Section



23

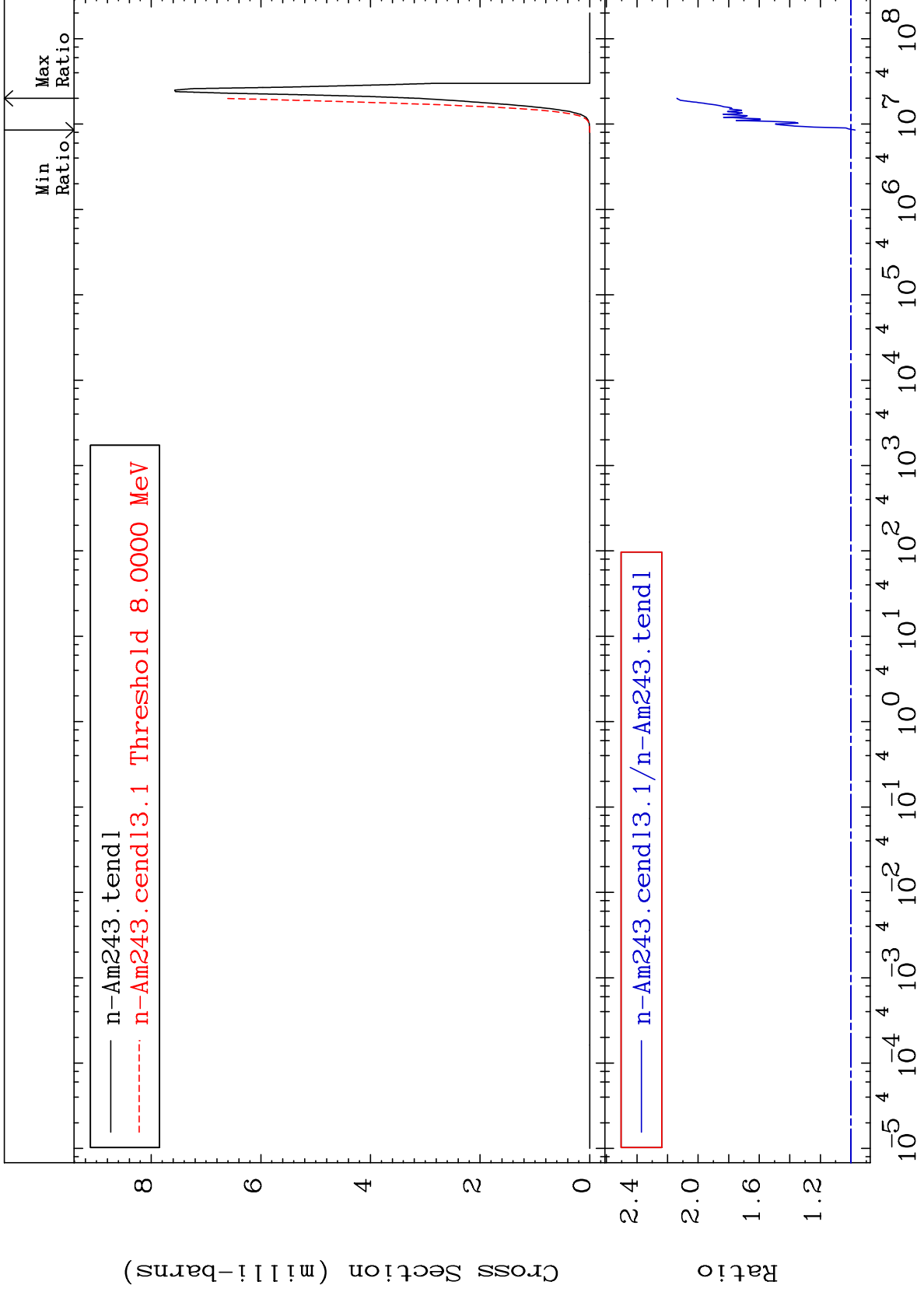
Incident Energy (eV)

95-Am-243

MAT 9549

(n, α)
Cross Section

95-Am-243
-2.703 To 113.9 %



24

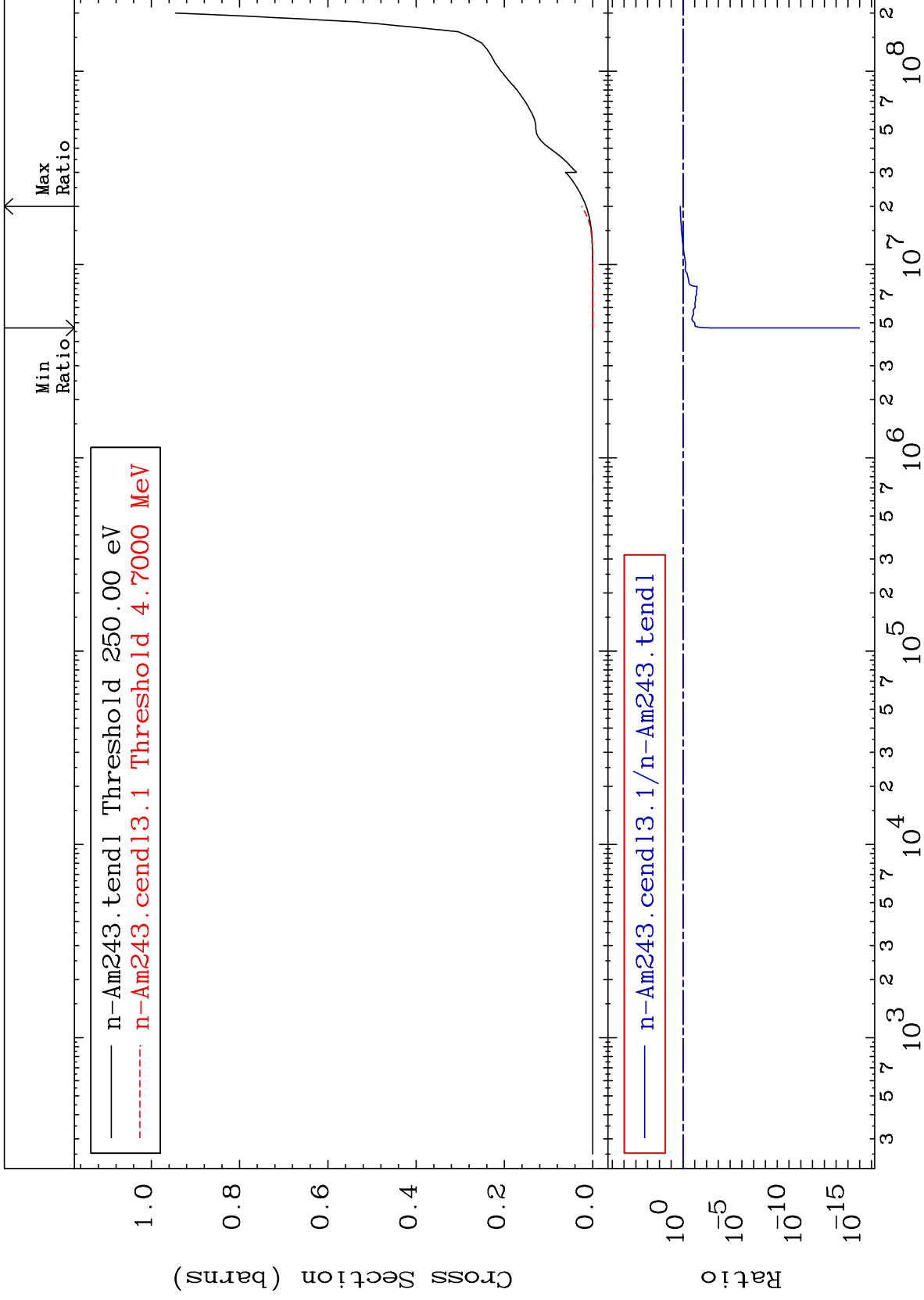
Incident Energy (eV)

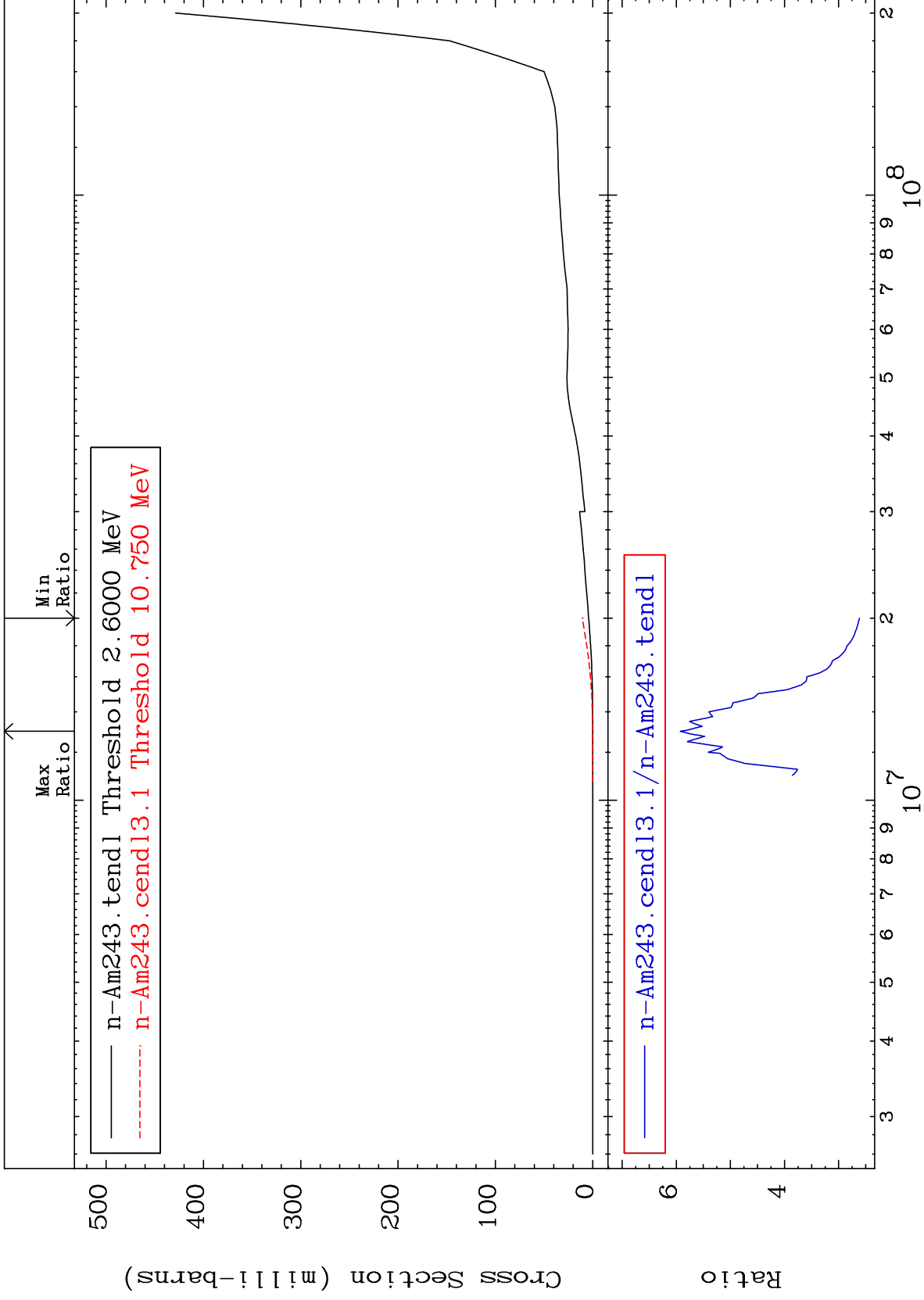
95-Am-243

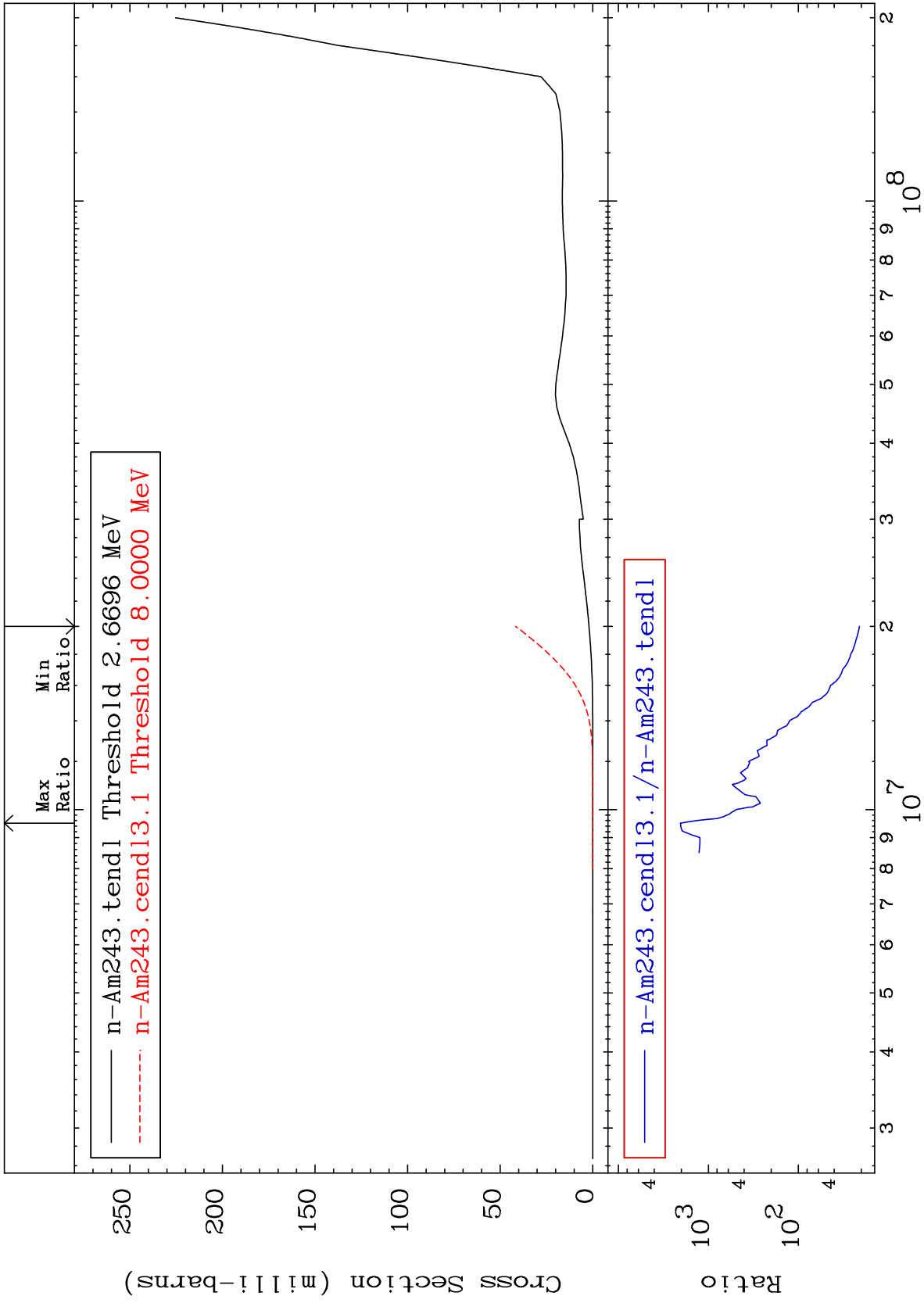
MAT 9549

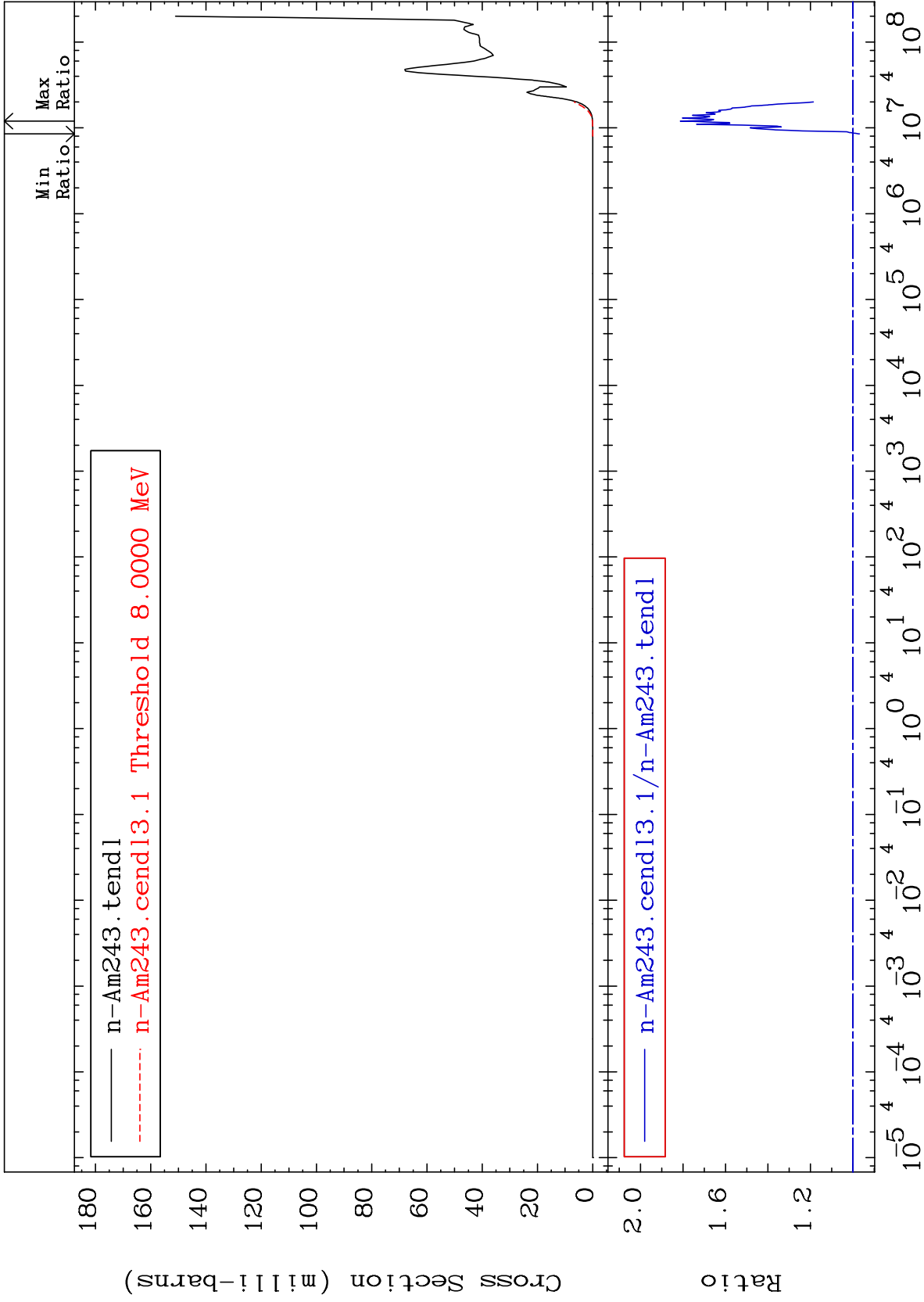
Hydrogen Production
Cross Section

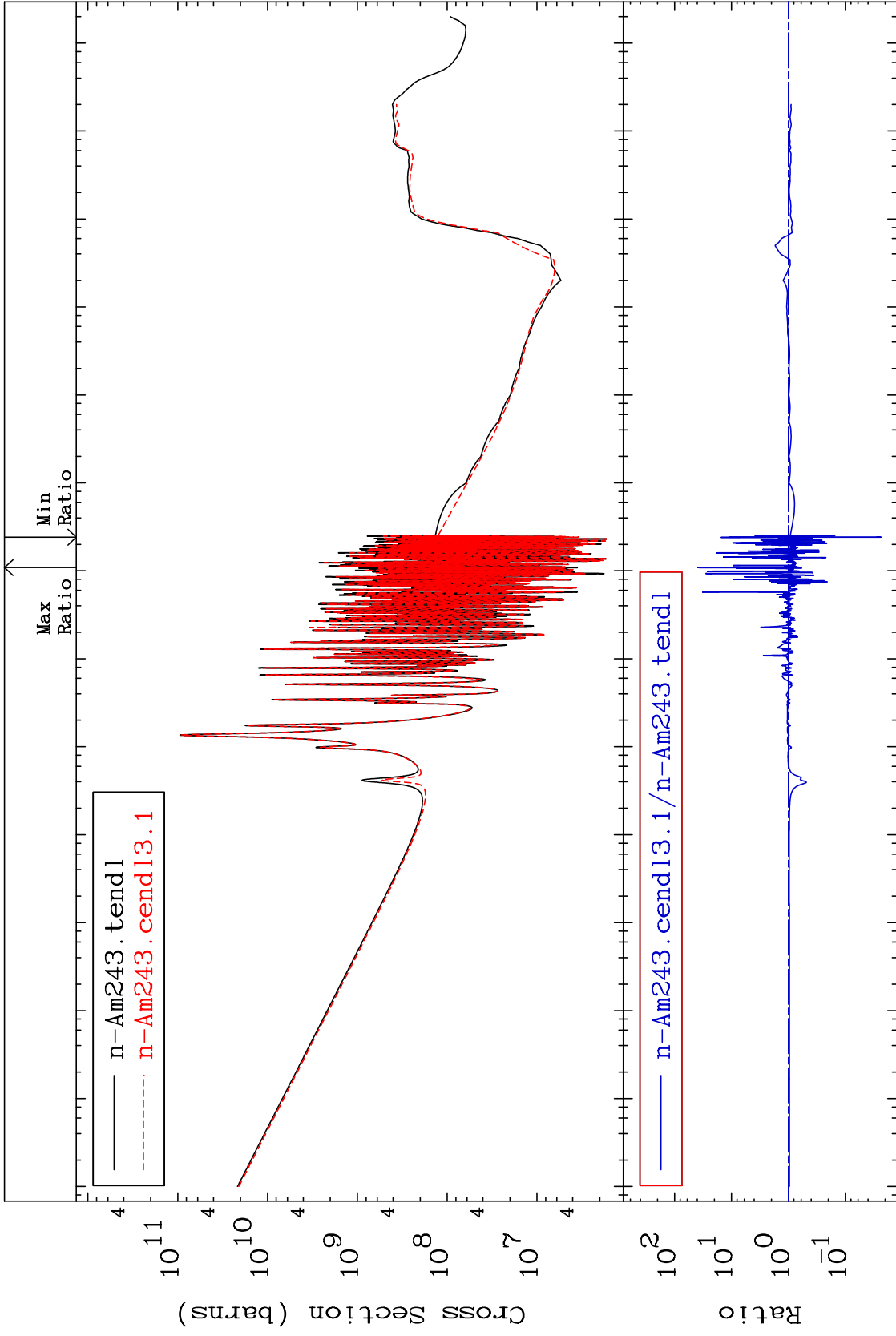
95-Am-243
-100.0 To 66.85 %







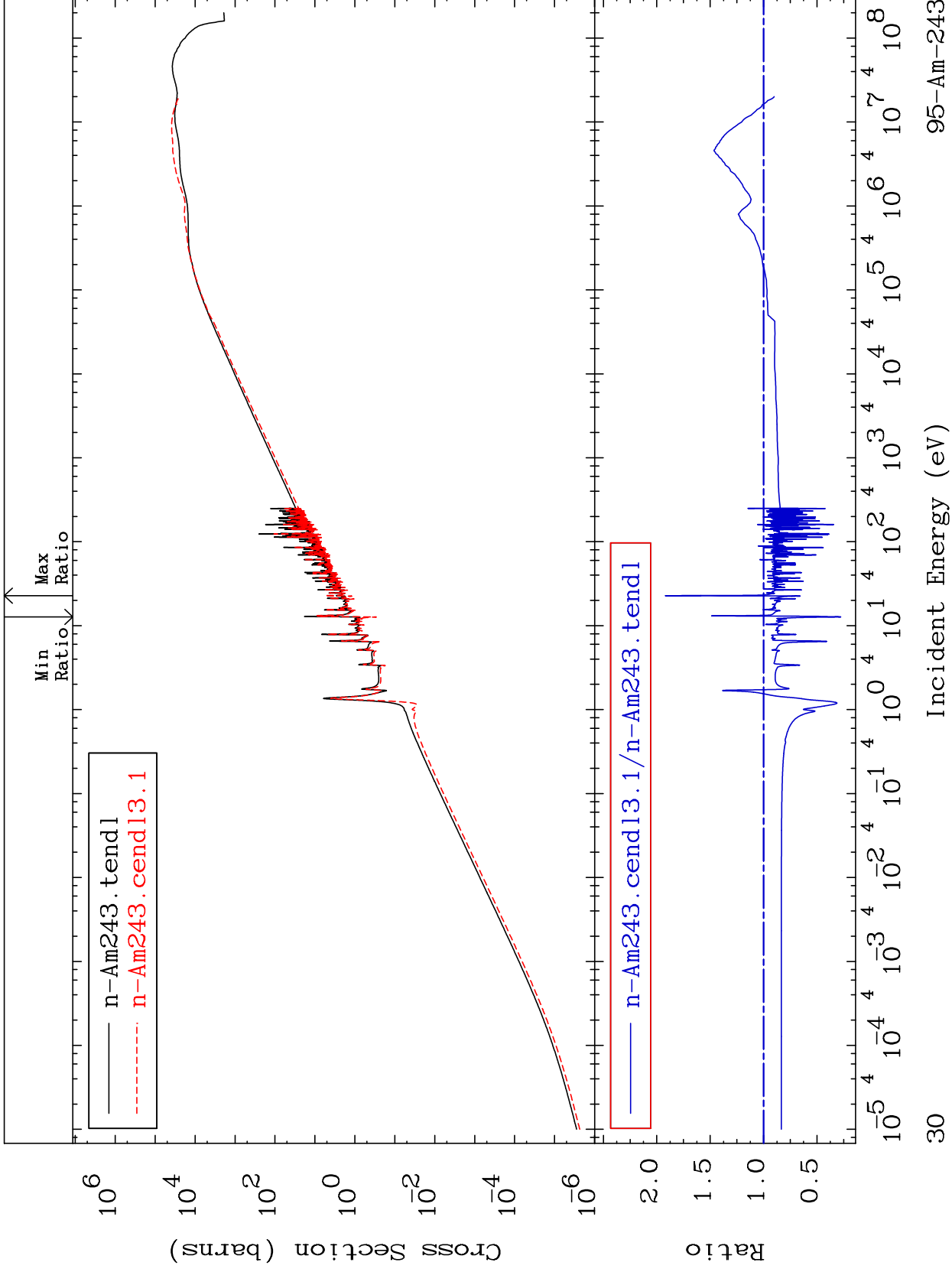




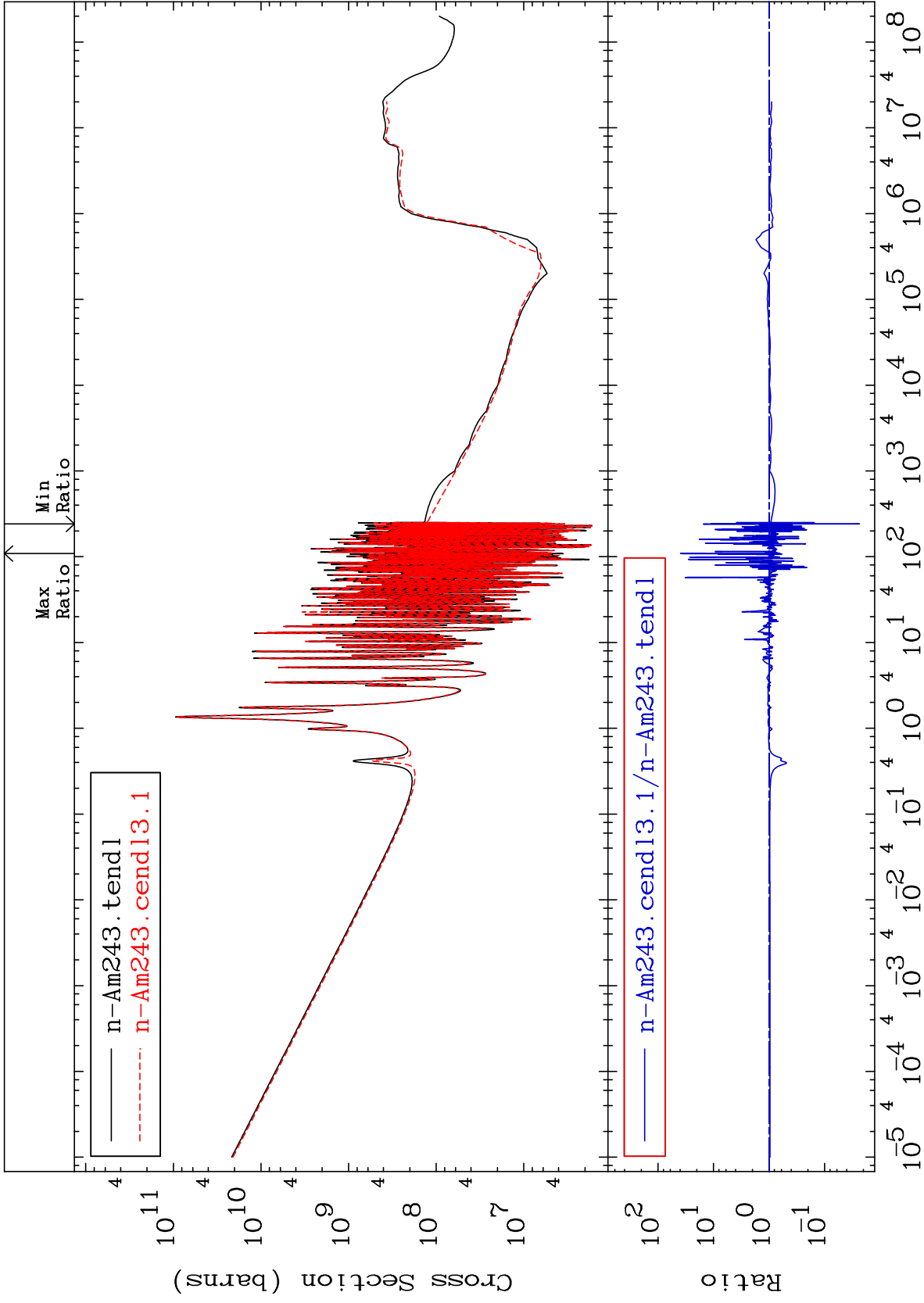
MAT 9549

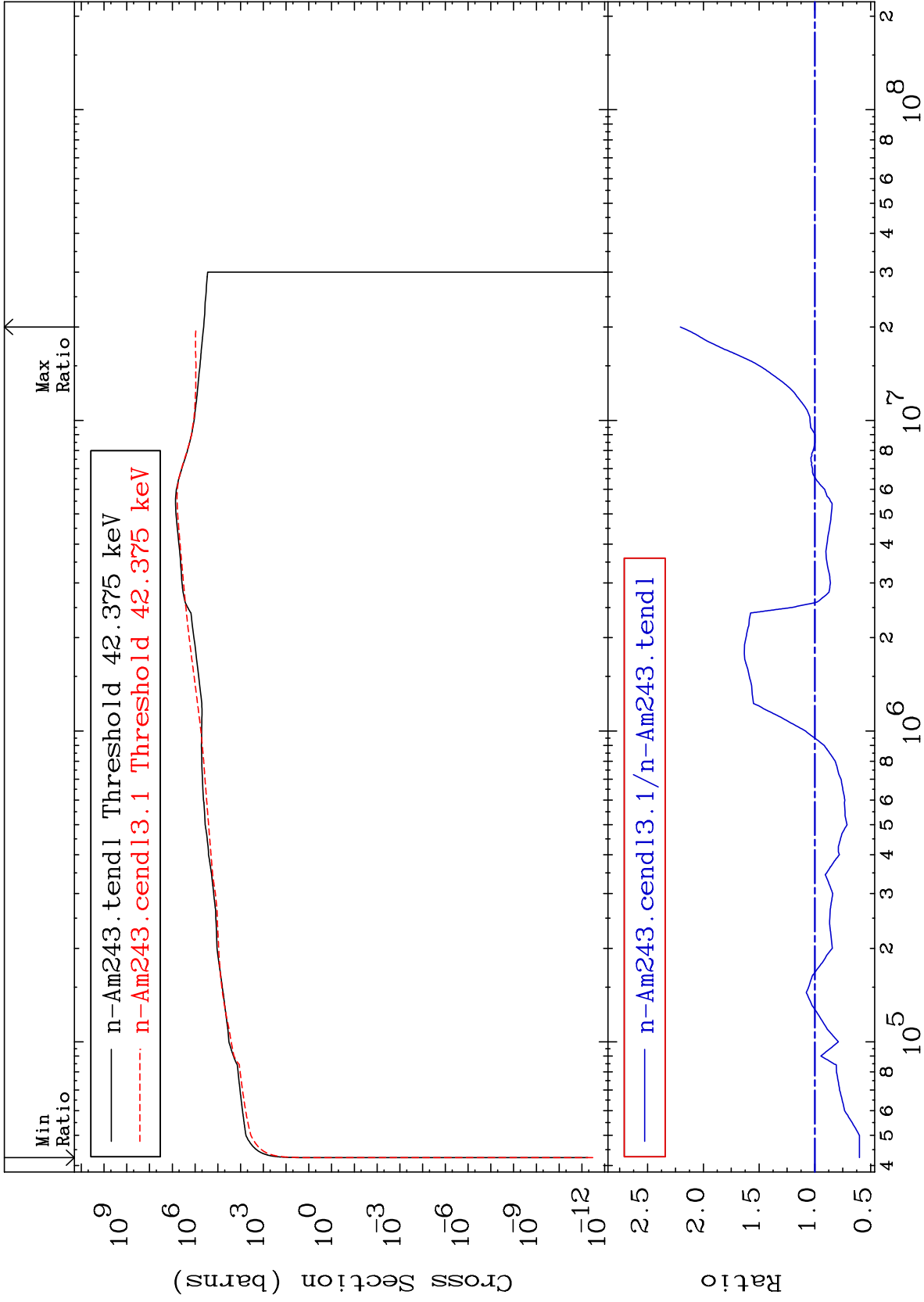
Kerma elastic
Cross Section

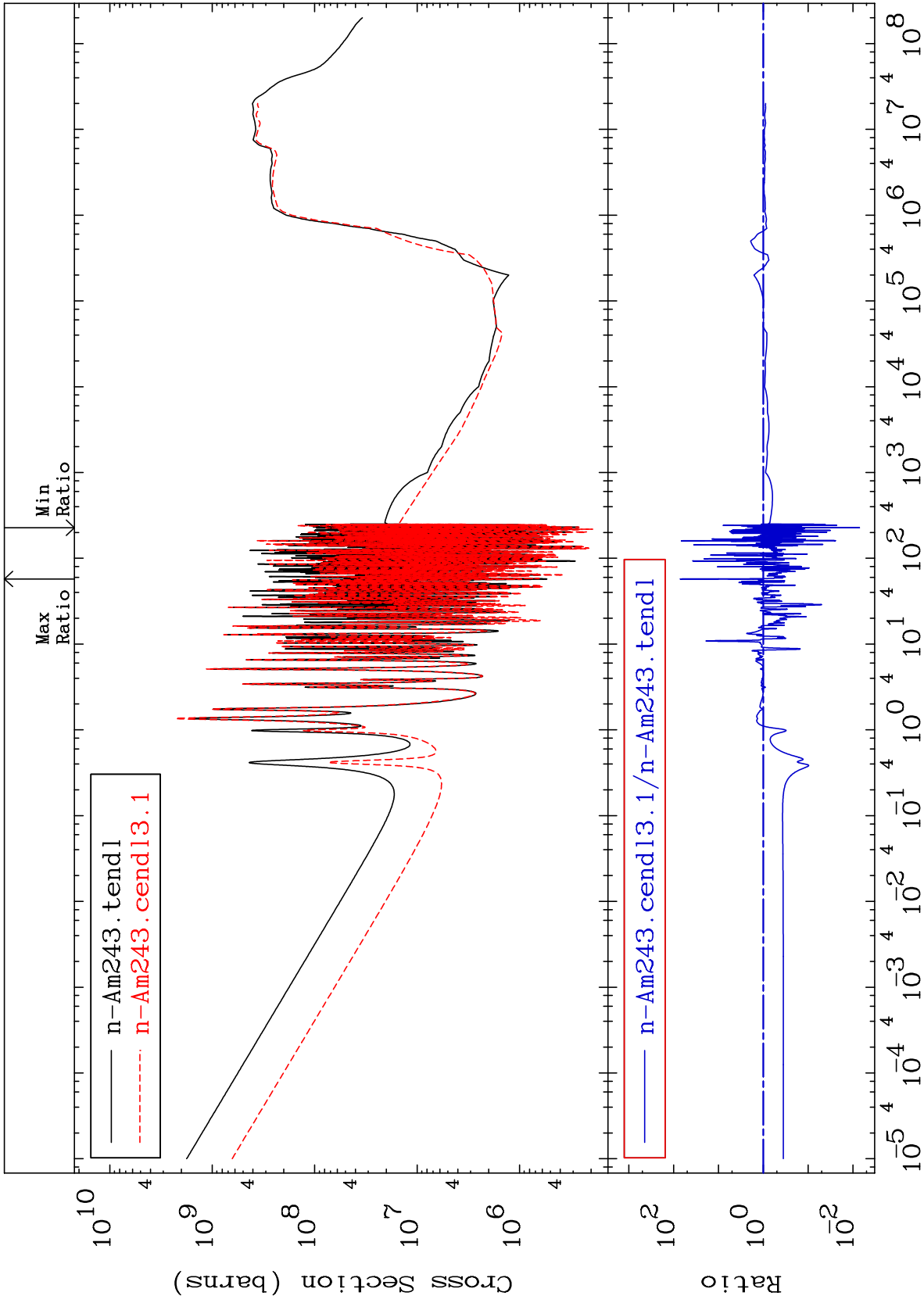
95-Am-243
-72.17 To 91.84 %

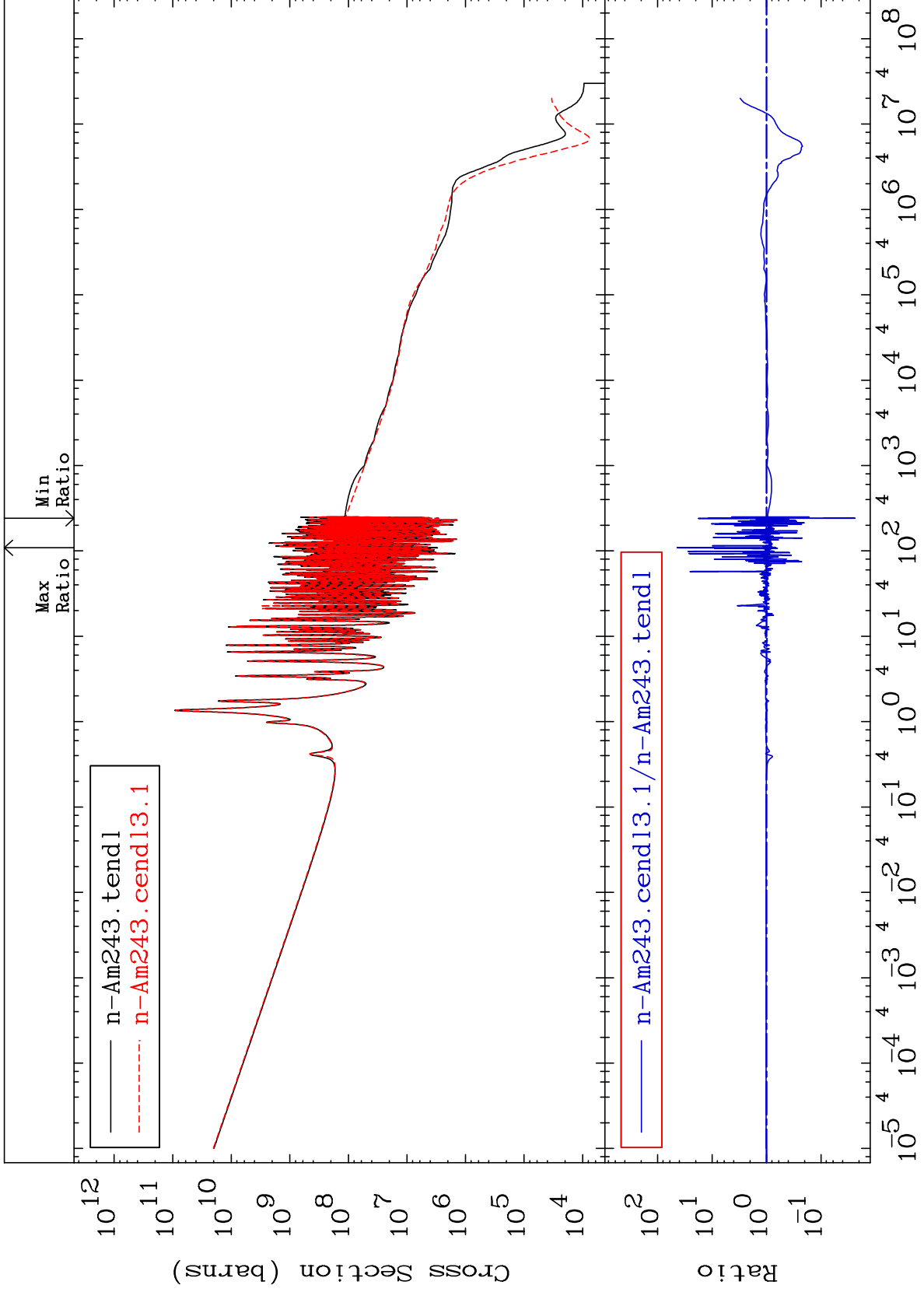


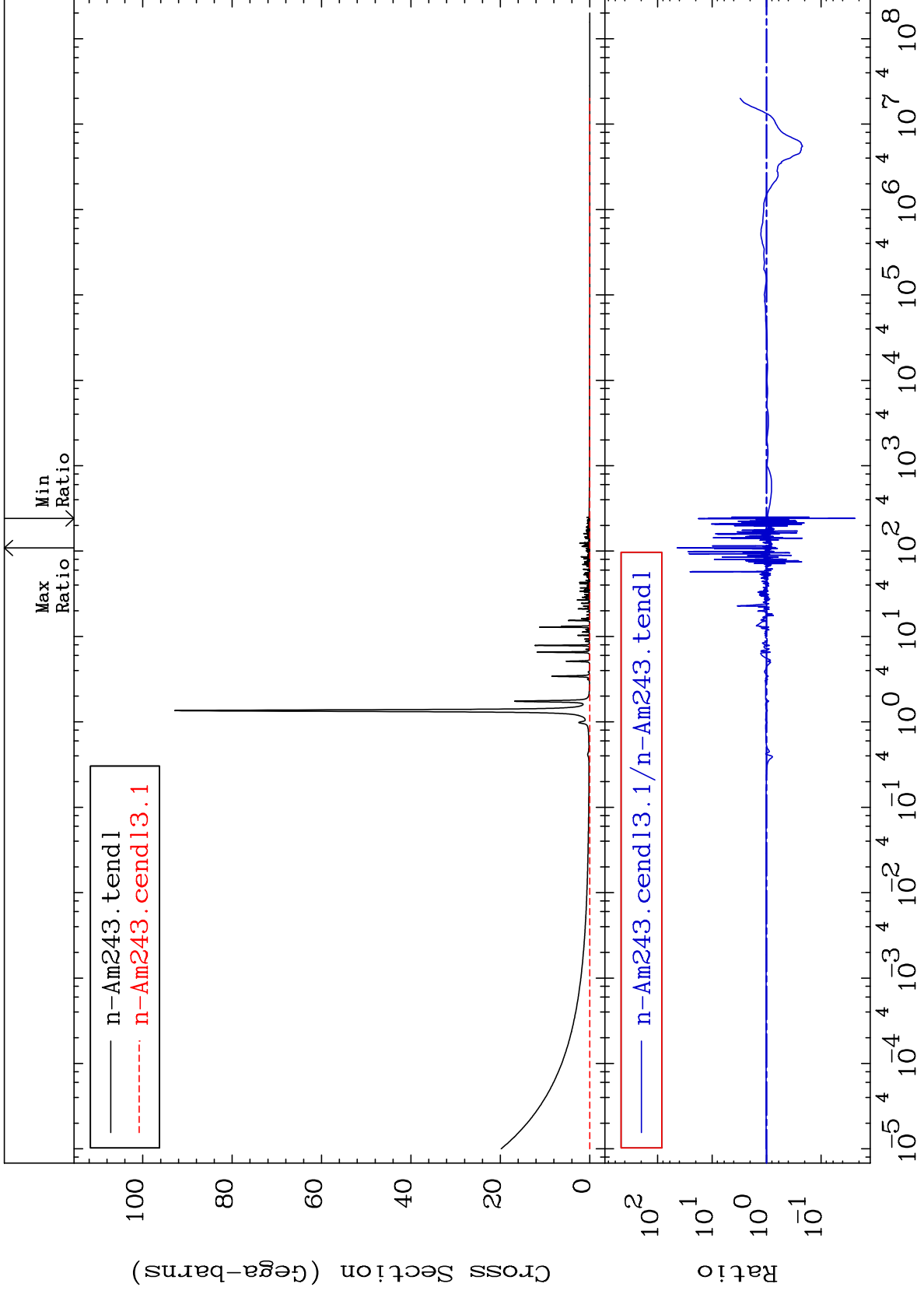
Cross Section

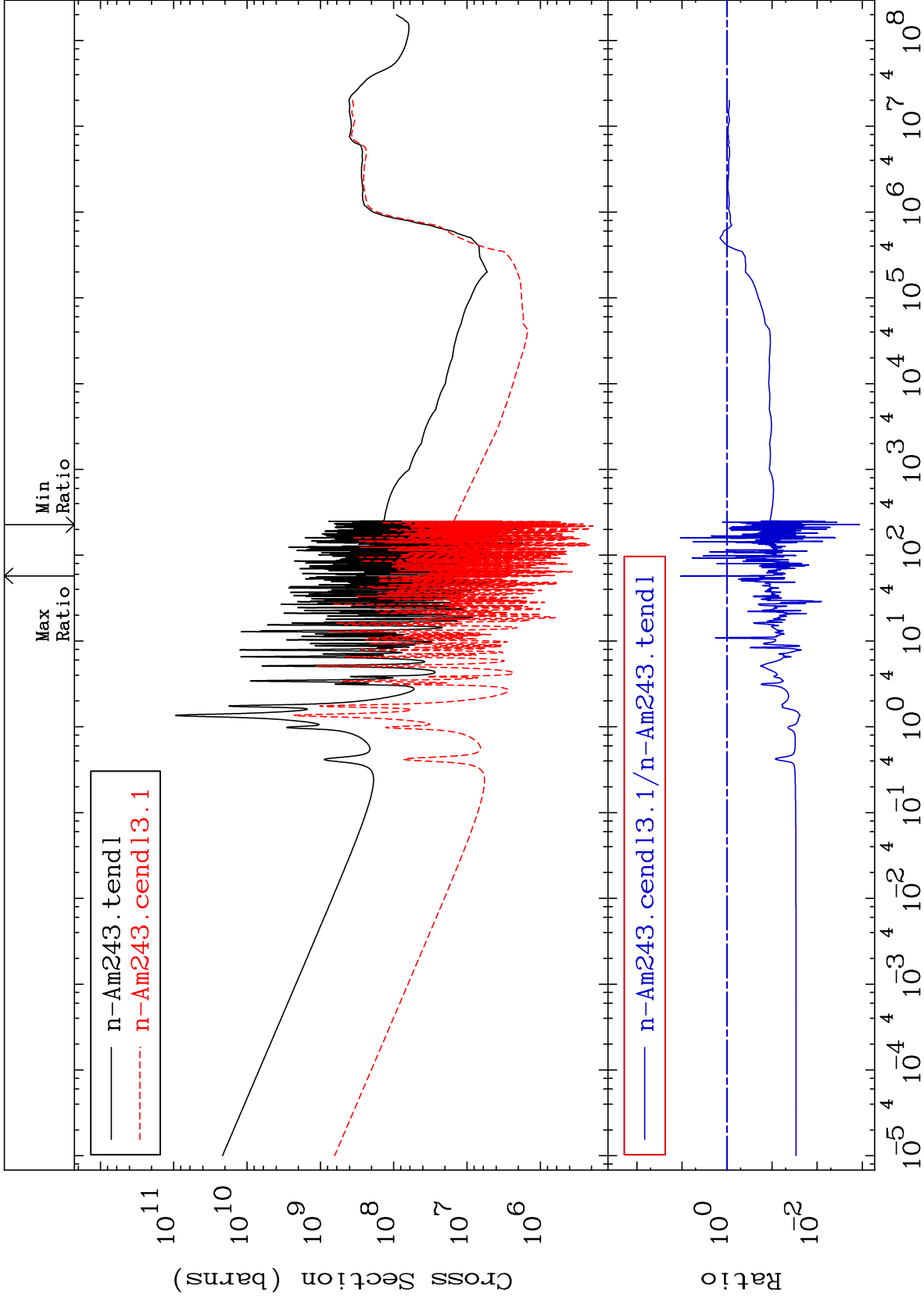












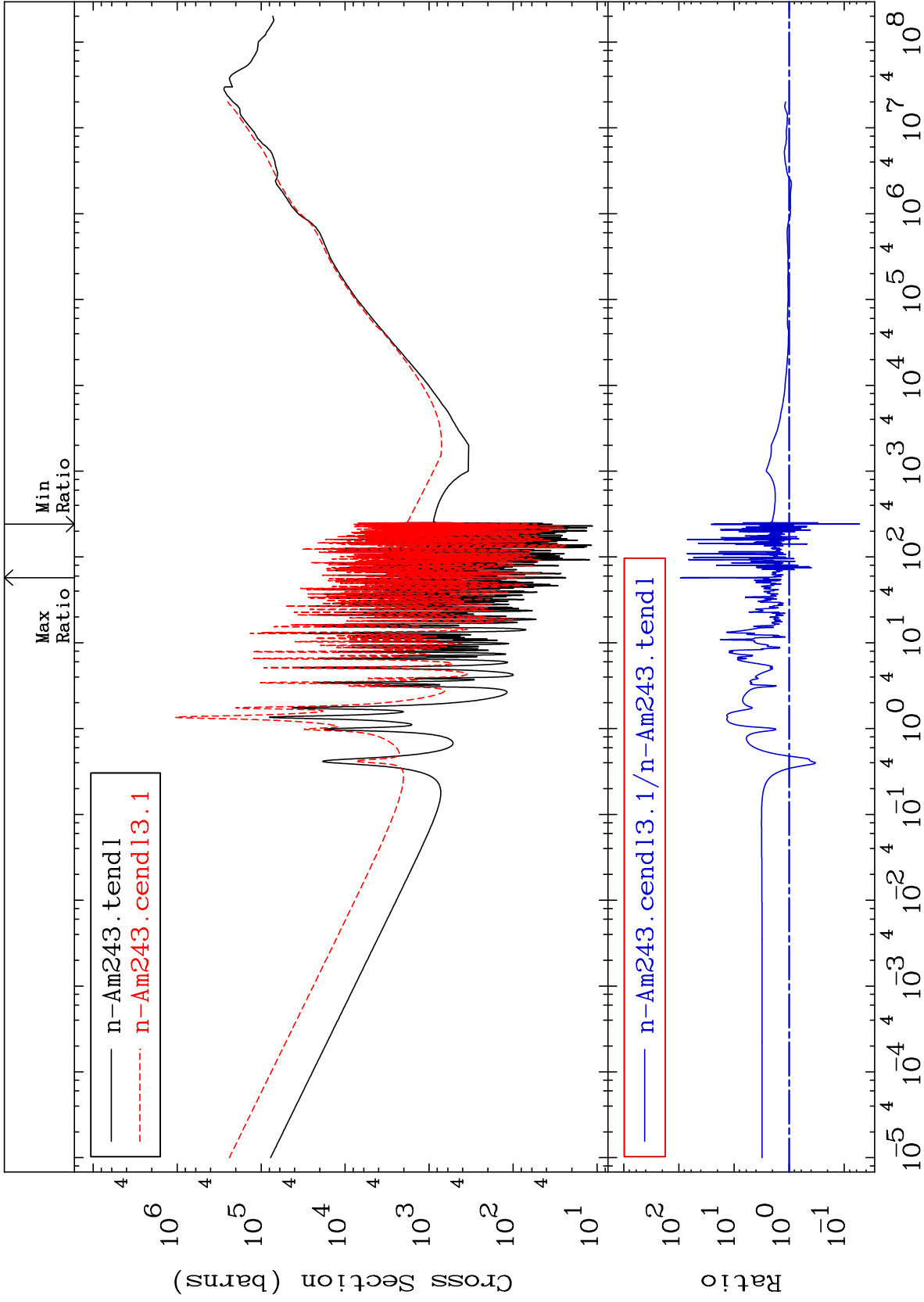
MAT 9549

Dpa total (eV-barns)

95-Am-243

-94.71 To 9313. %

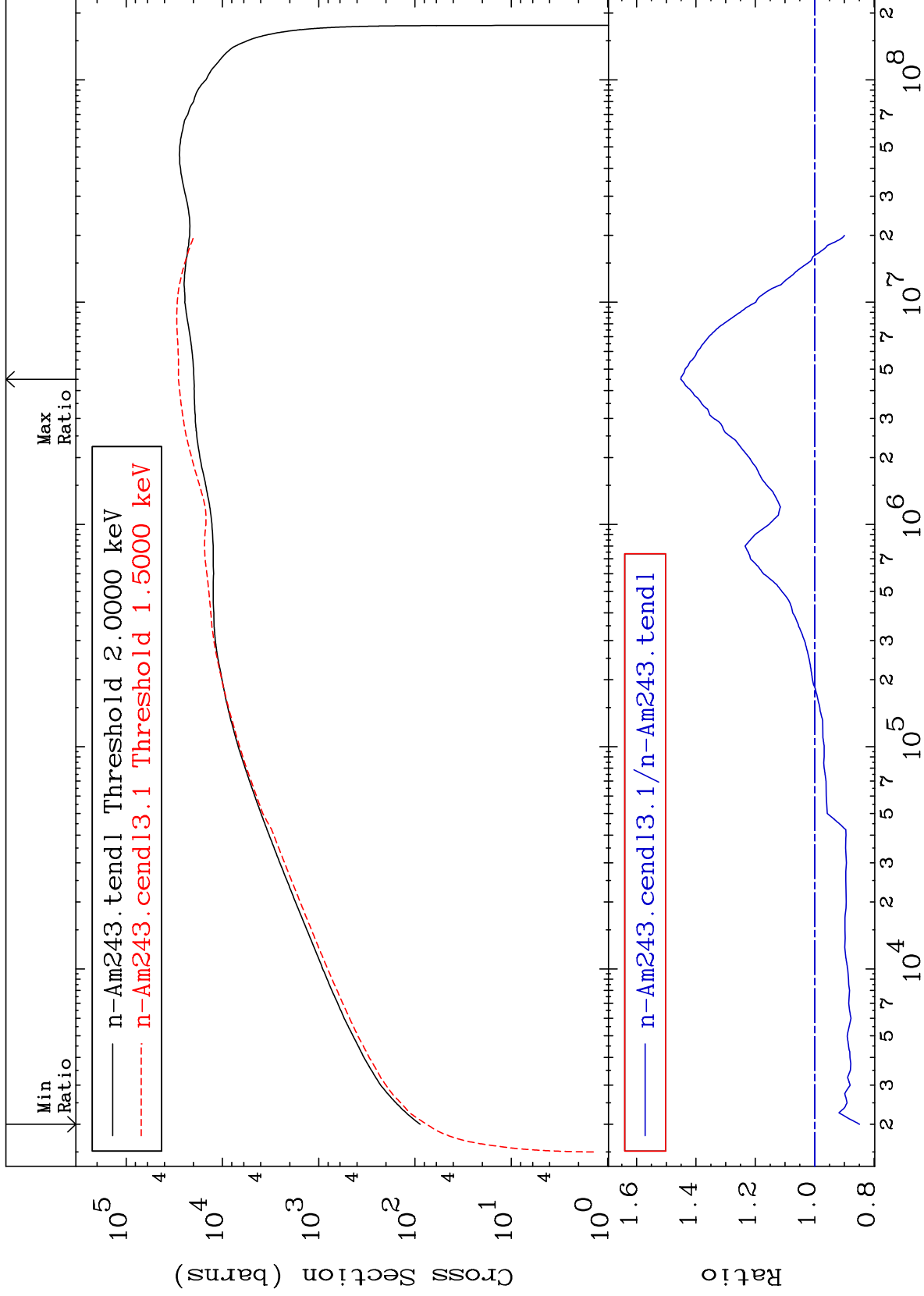
Cross Section

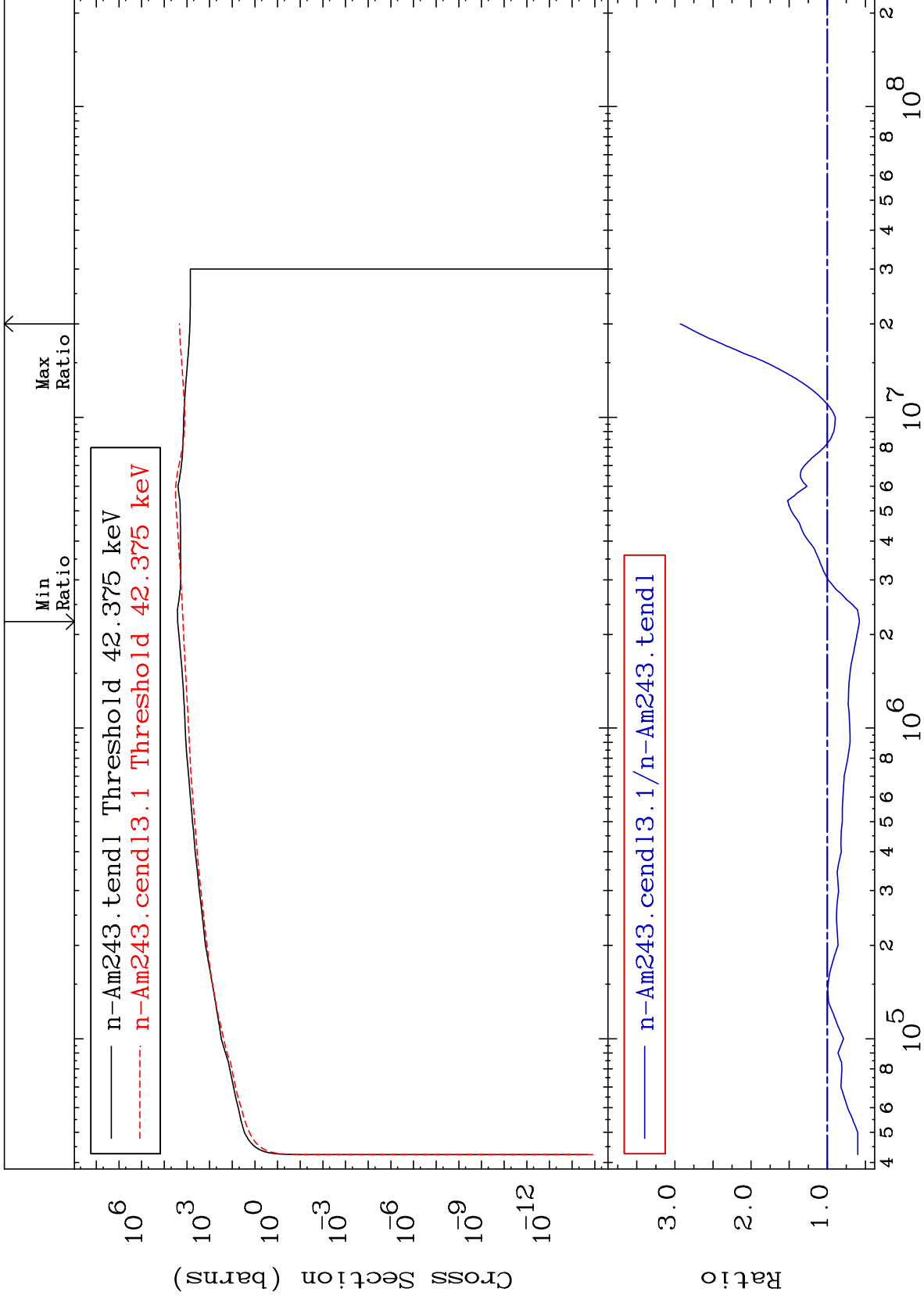


MAT 9549

Dpa elastic (mt2)
Cross Section

95-Am-243
-15.10 To 45.12 %





MAT 9549

Dpa disappearance (mt102 -120)
Cross Section

95-Am-243
170.8 To 9999. %

