

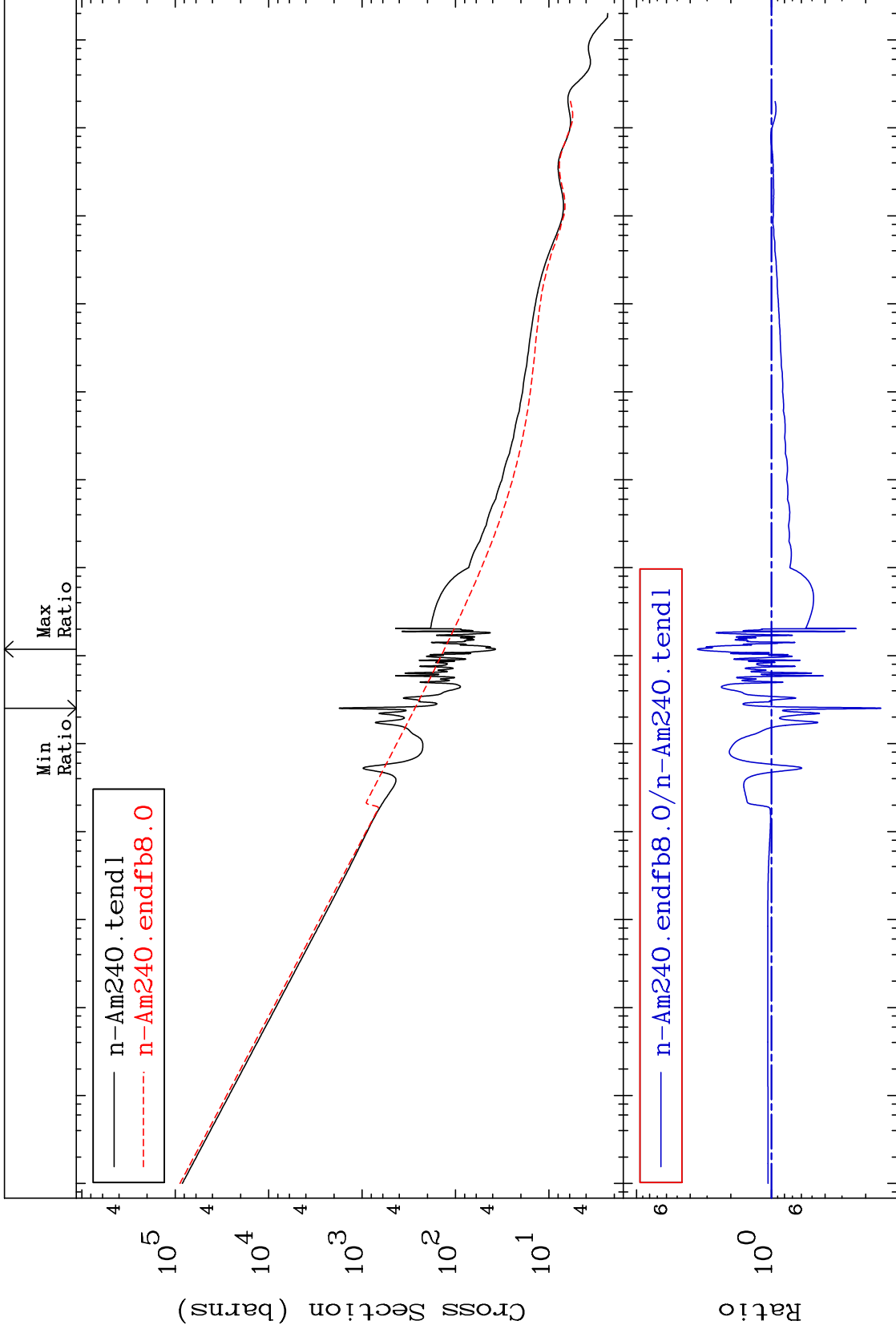
MAT 9540

Total

95-Am-240

Cross Section

-84.62 To 252.9 %



Incident Energy (eV)

95-Am-240

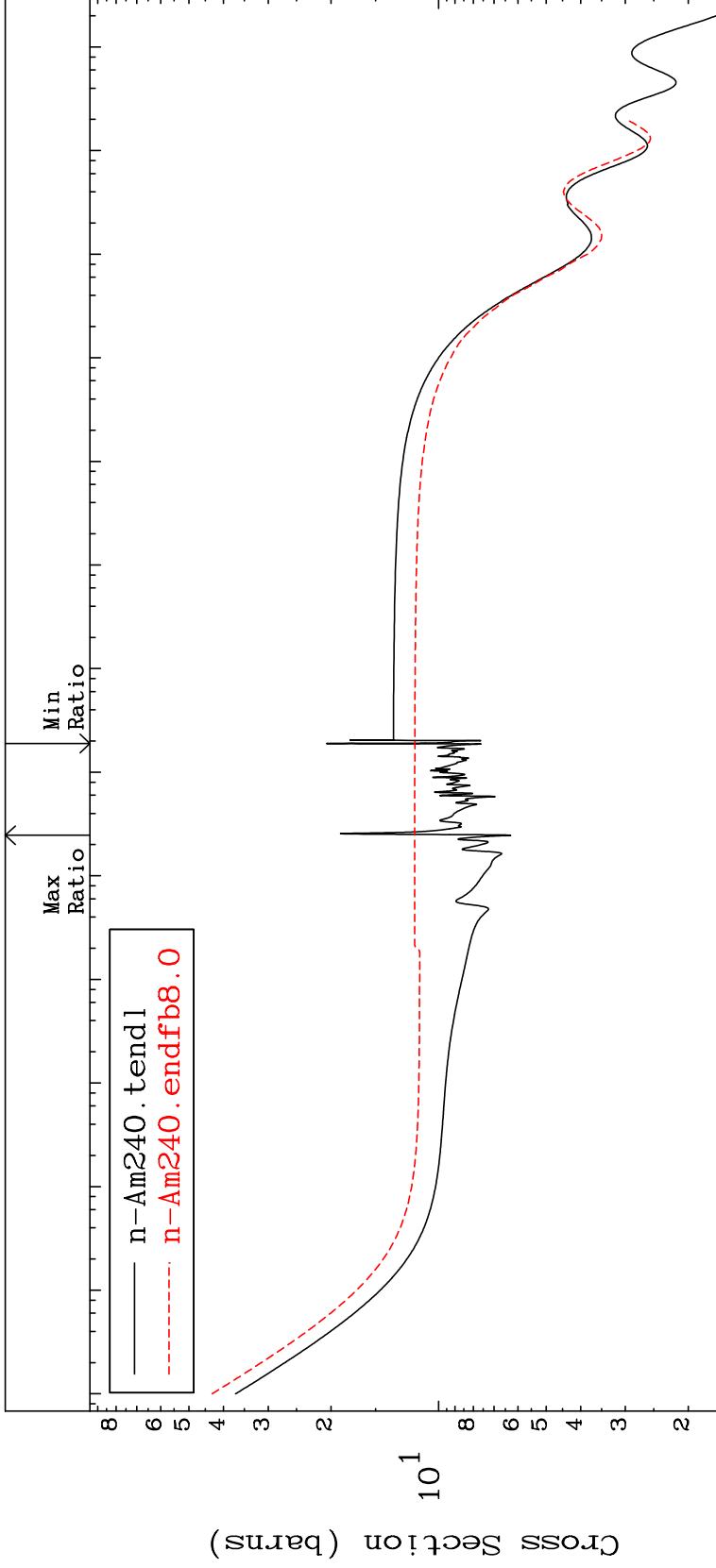
MAT 9540

Elastic

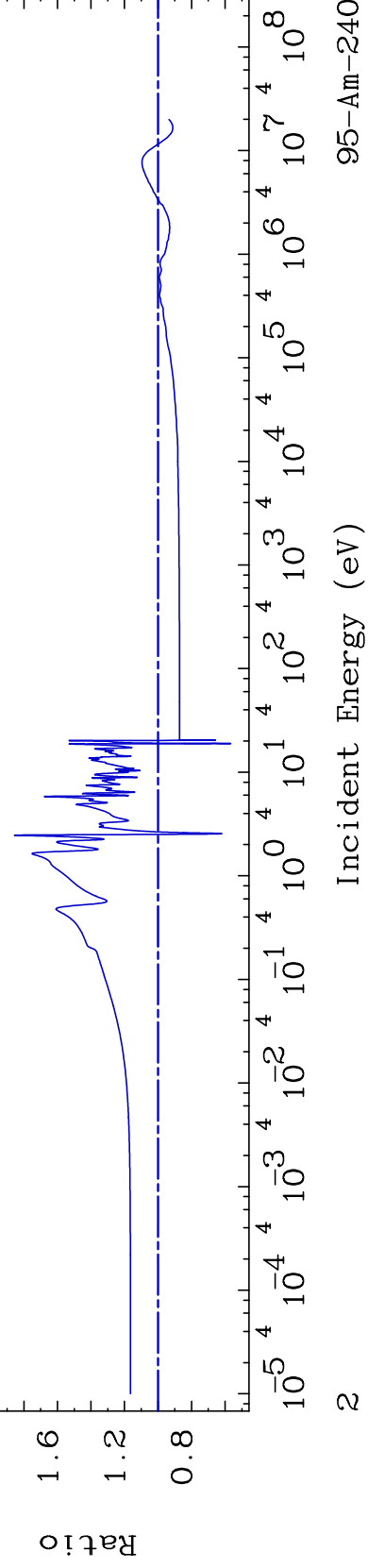
95-Am-240

Cross Section

-43.32 To 85.65 %



n-Am240.endfb8.0/n-Am240.tendl

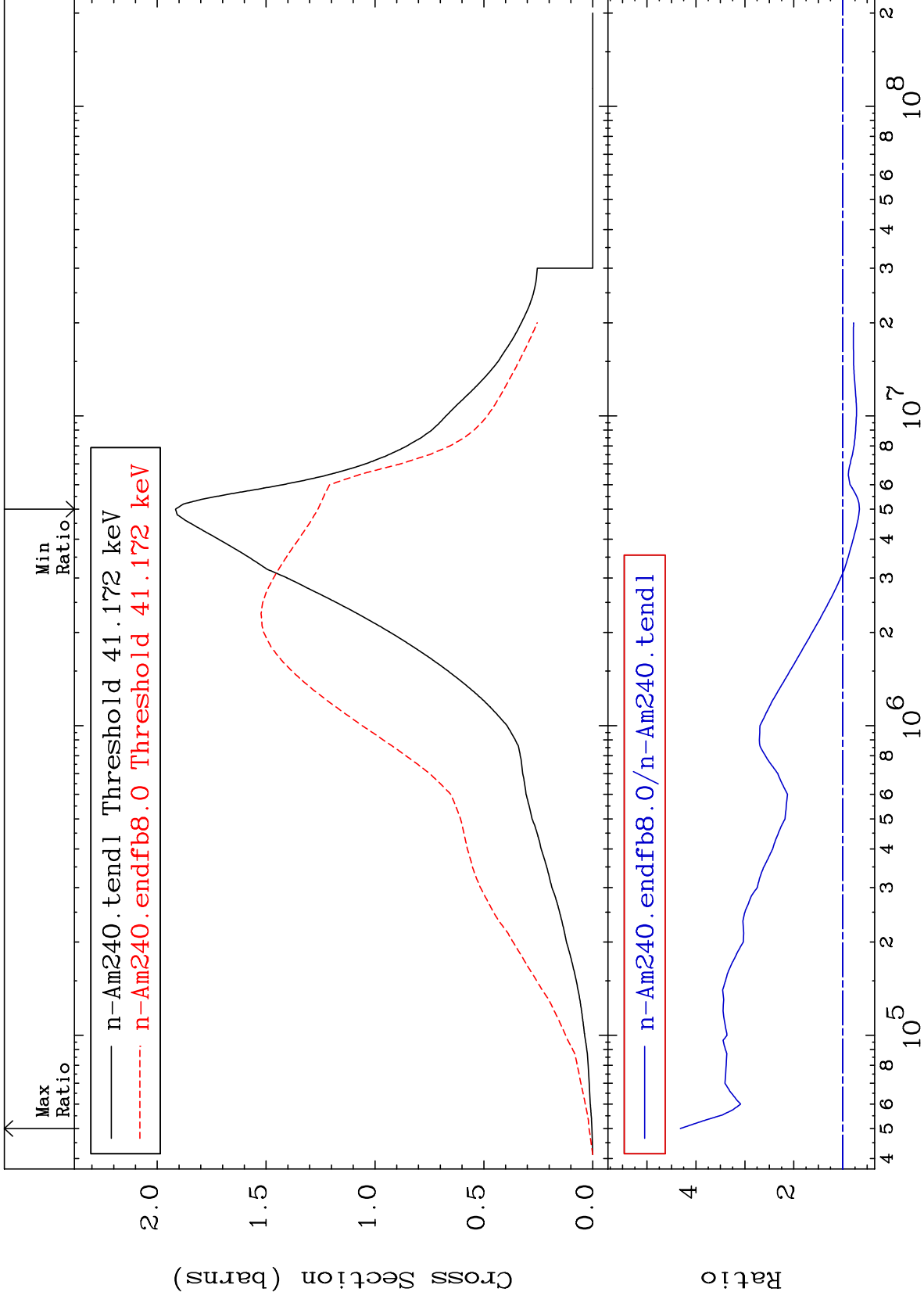


95-Am-240

MAT 9540

Inelastic
Cross Section

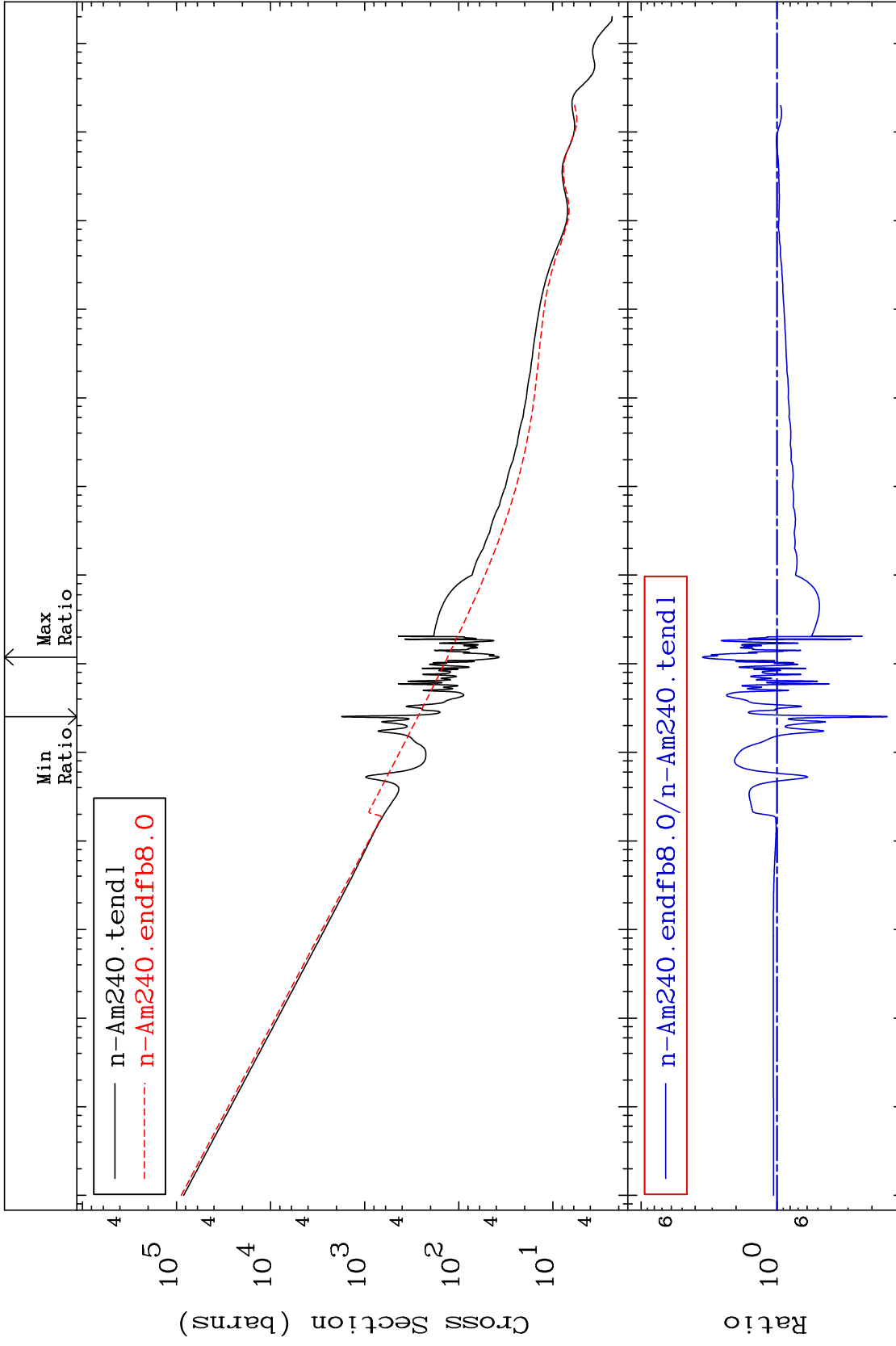
95-Am-240
-34.17 To 331.9 %



MAT 9540

Total
Cross Section

95-Am-240
-84.62 To 252.9 %



95-Am-240

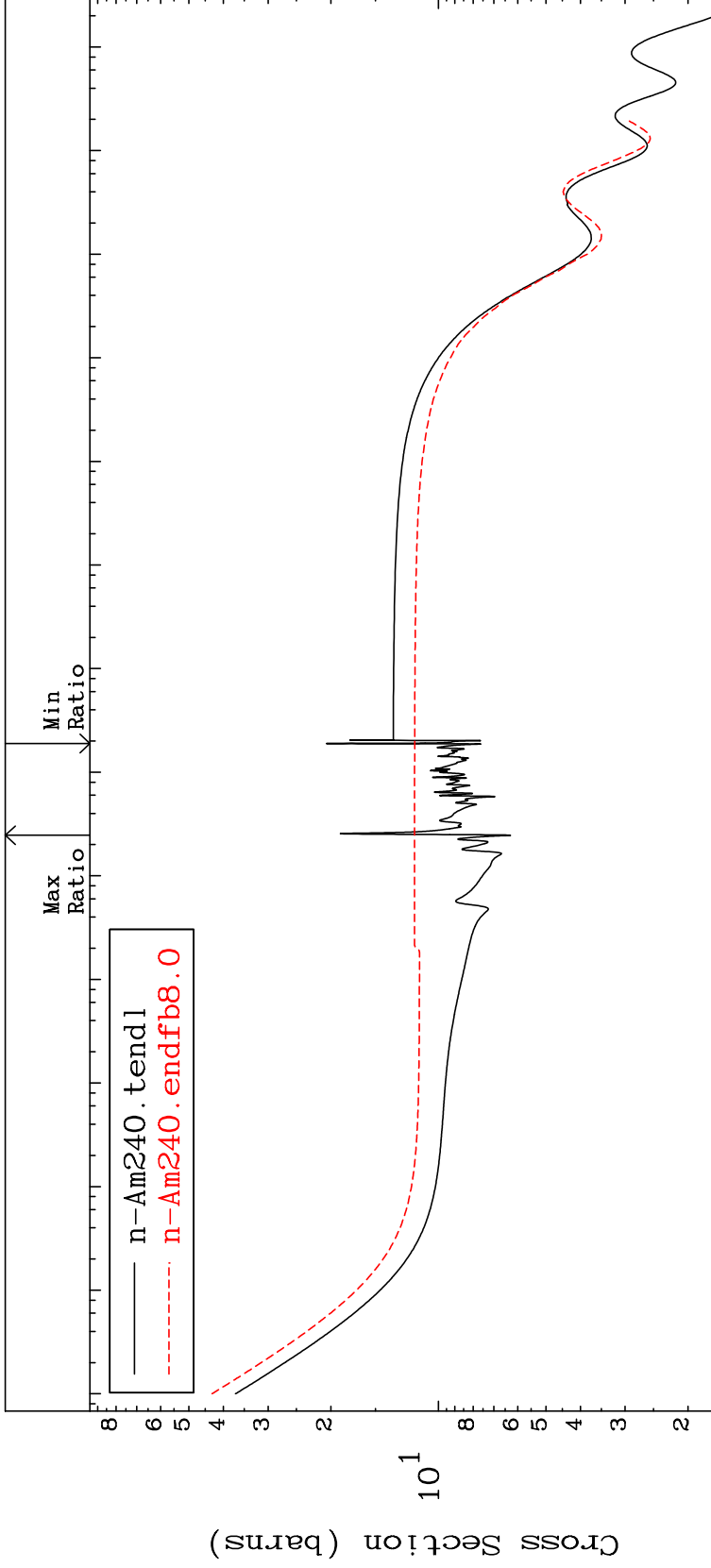
MAT 9540

Elastic

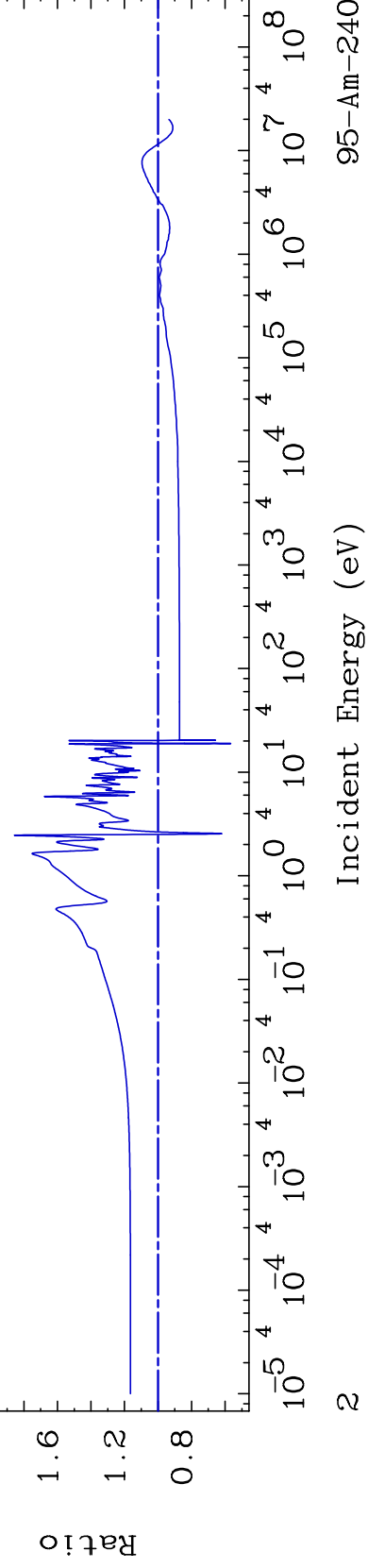
95-Am-240

Cross Section

-43.32 To 85.65 %



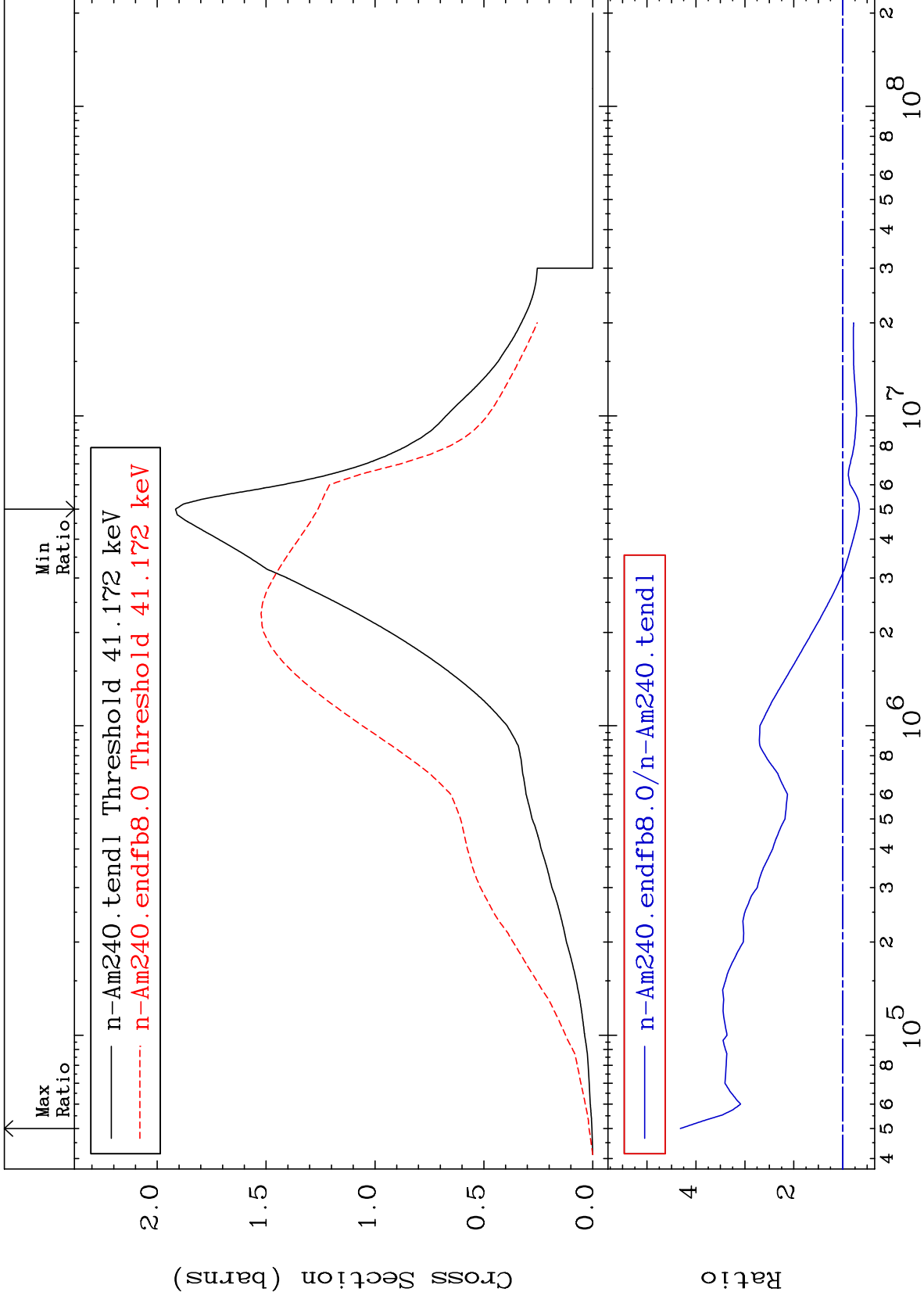
n-Am240.endfb8.0/n-Am240.tendl



MAT 9540

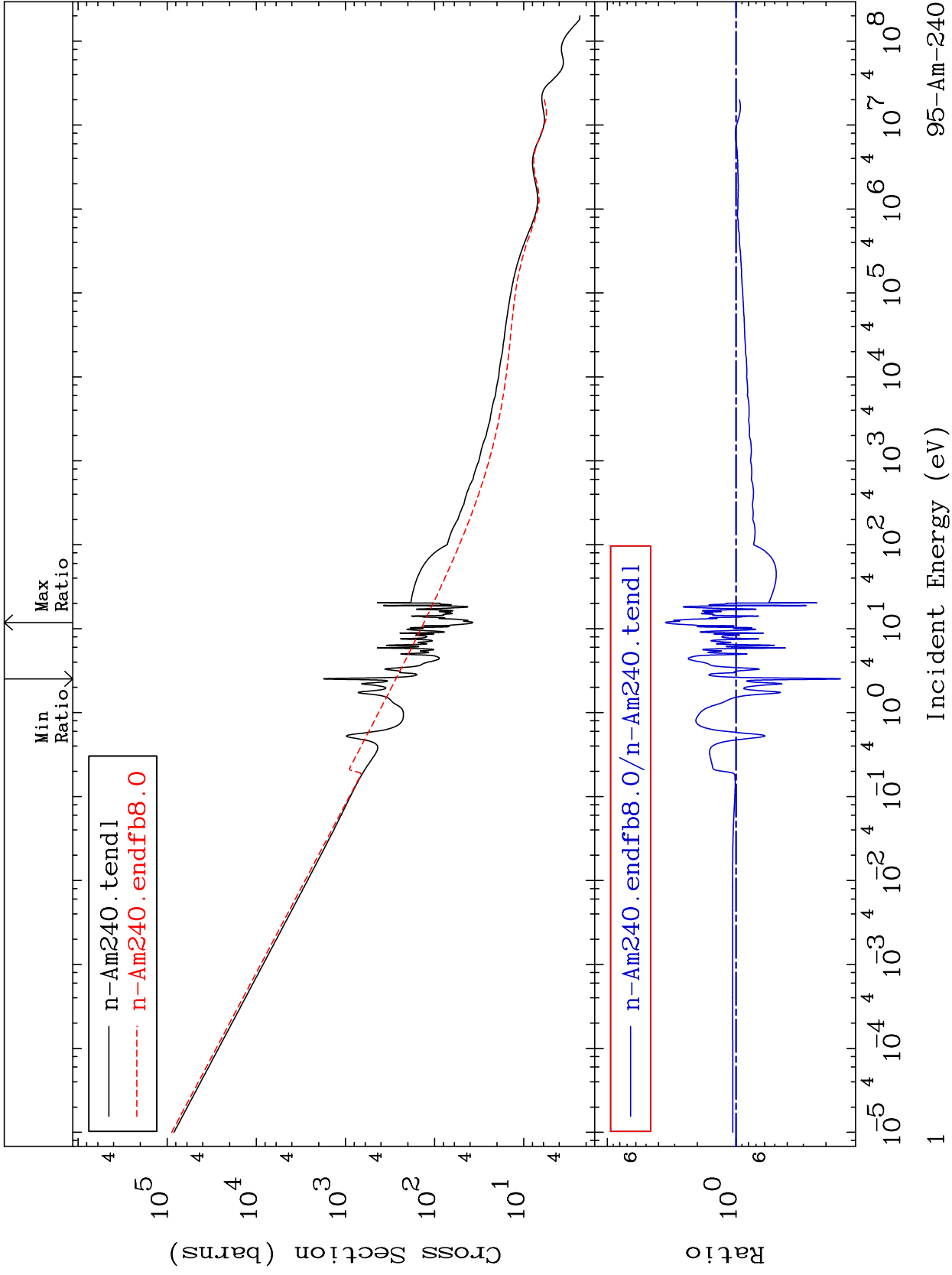
Inelastic
Cross Section

95-Am-240
-34.17 To 331.9 %



MAT 9540

Total Cross Section
95-Am-240
-84.62 To 252.9 %



95-Am-240

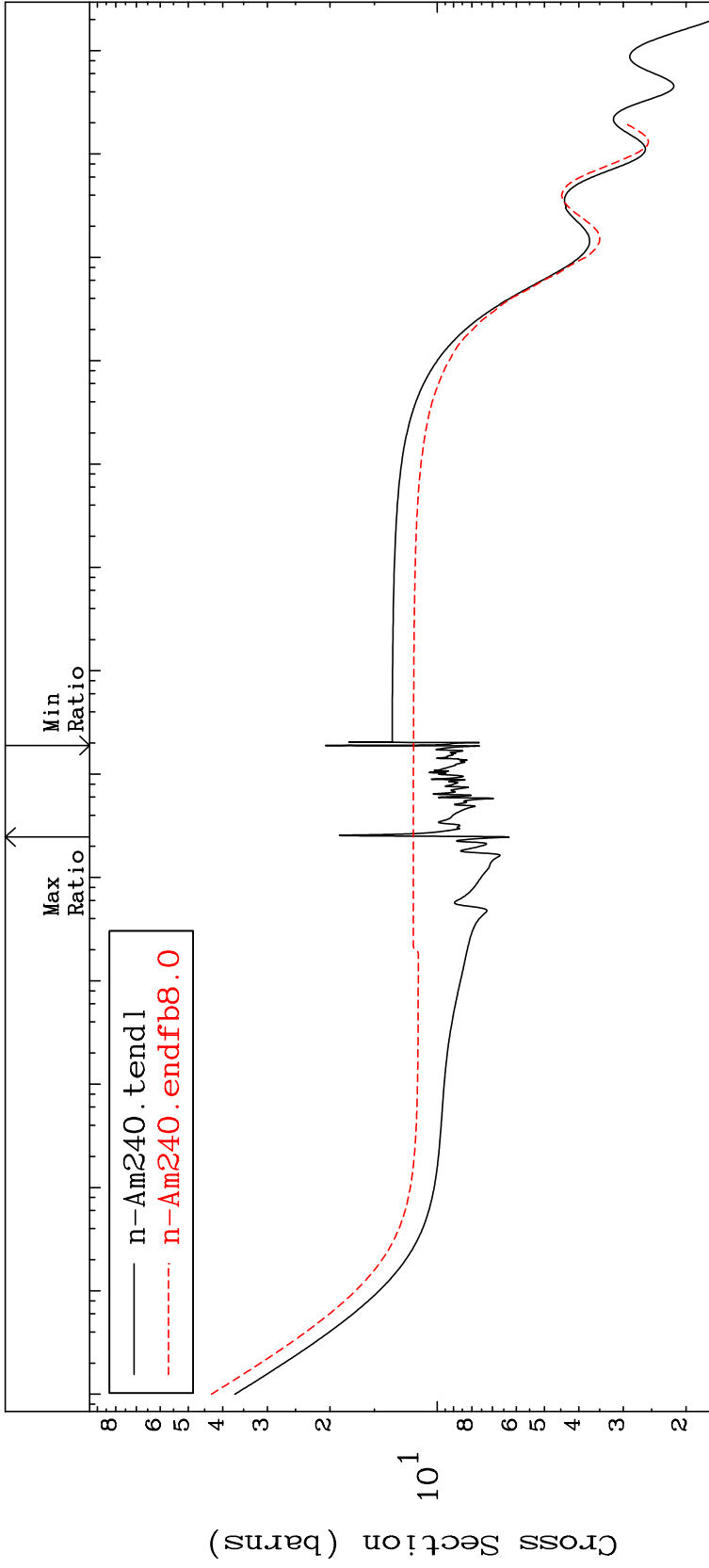
MAT 9540

Elastic

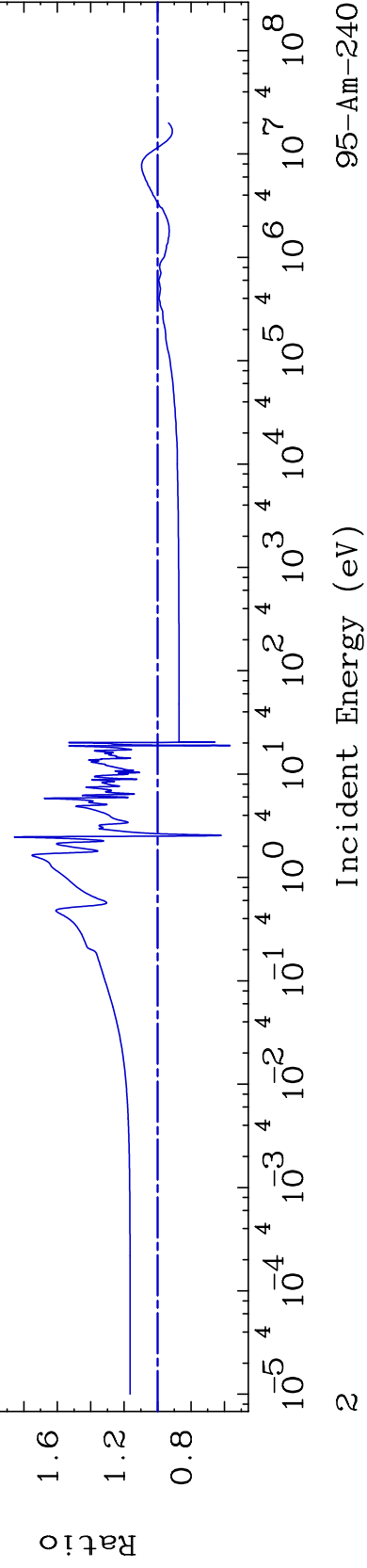
95-Am-240

Cross Section

-43.32 To 85.65 %



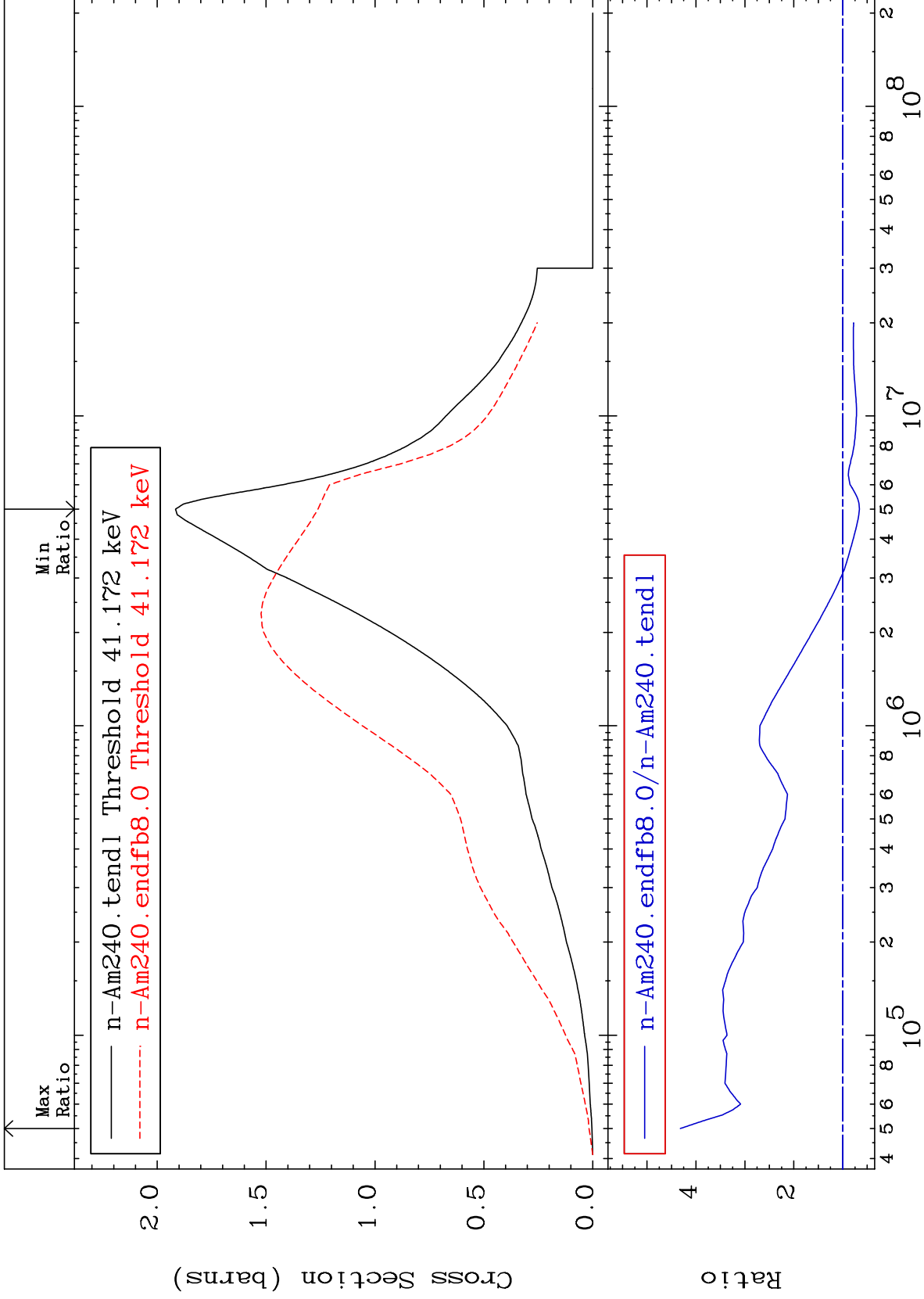
n-Am240.endfb8.0/n-Am240.tendl



MAT 9540

Inelastic
Cross Section

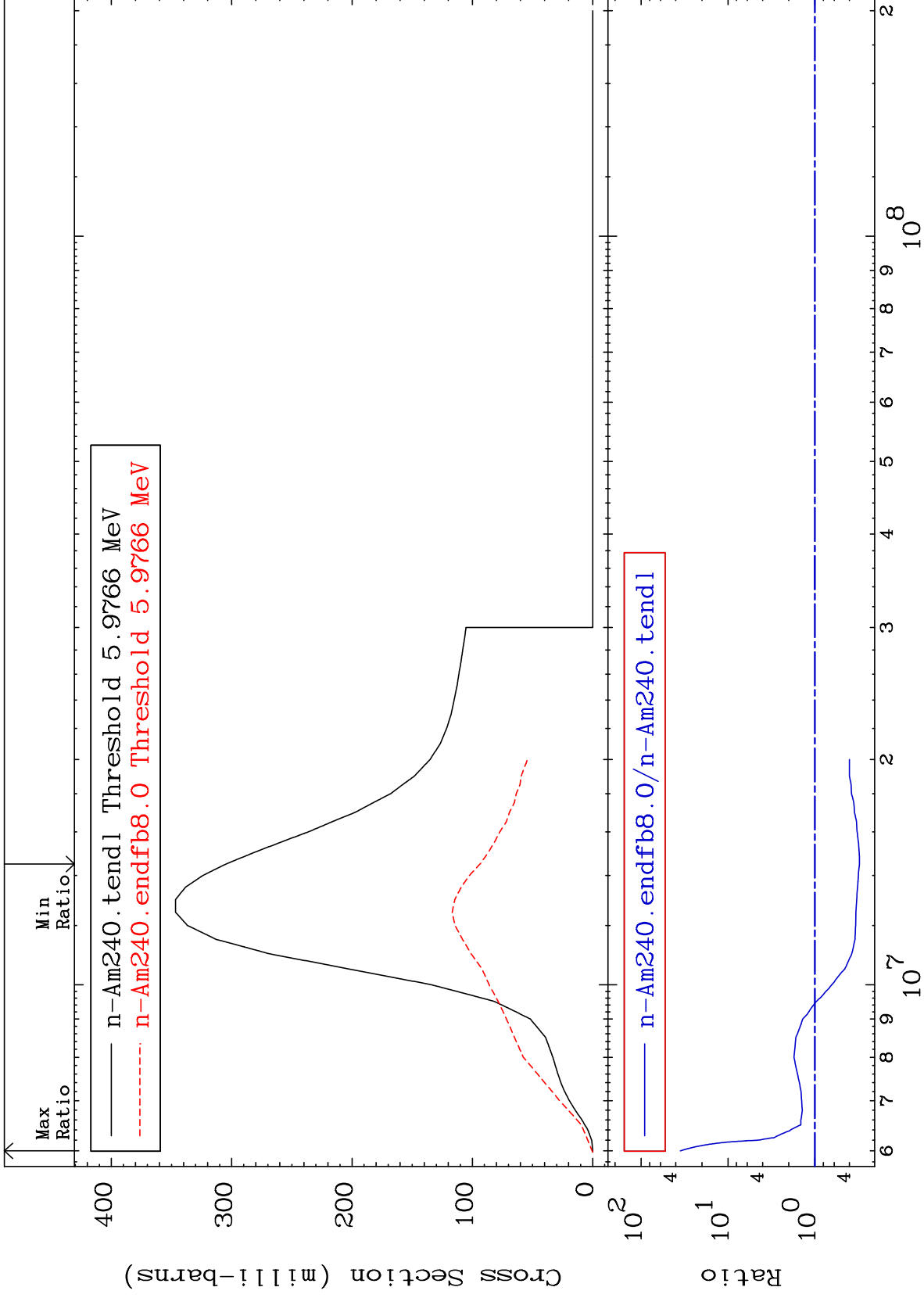
95-Am-240
-34.17 To 331.9 %



MAT 9540

(n,2n)
Cross Section

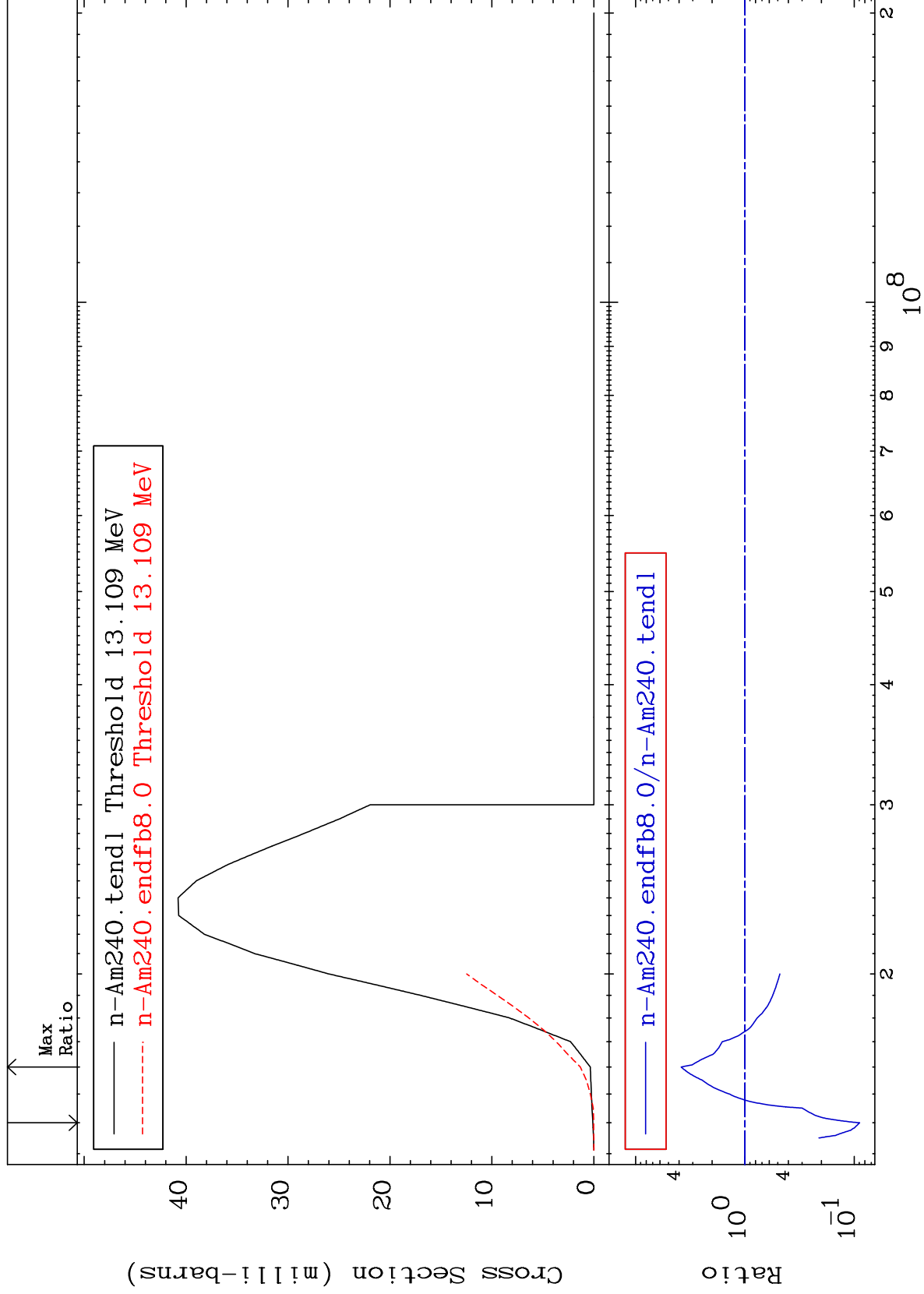
95-Am-240
-69.29 To 3442. %



MAT 9540

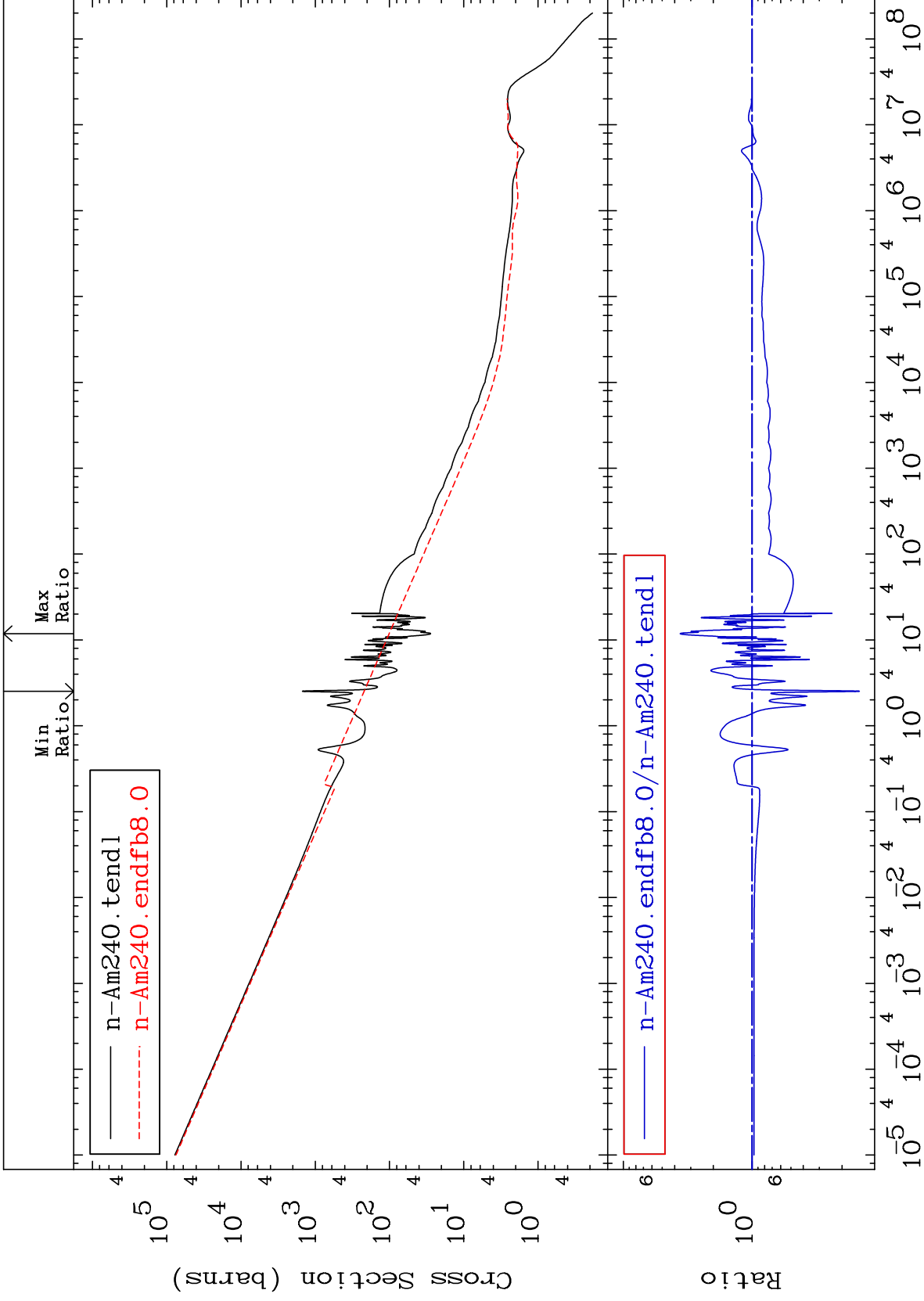
(n,3n)
Cross Section

95-Am-240
-91.07 To 283.3 %



MAT 9540

Fission Cross Section
95-Am-240
-85.32 To 262.2 %



6

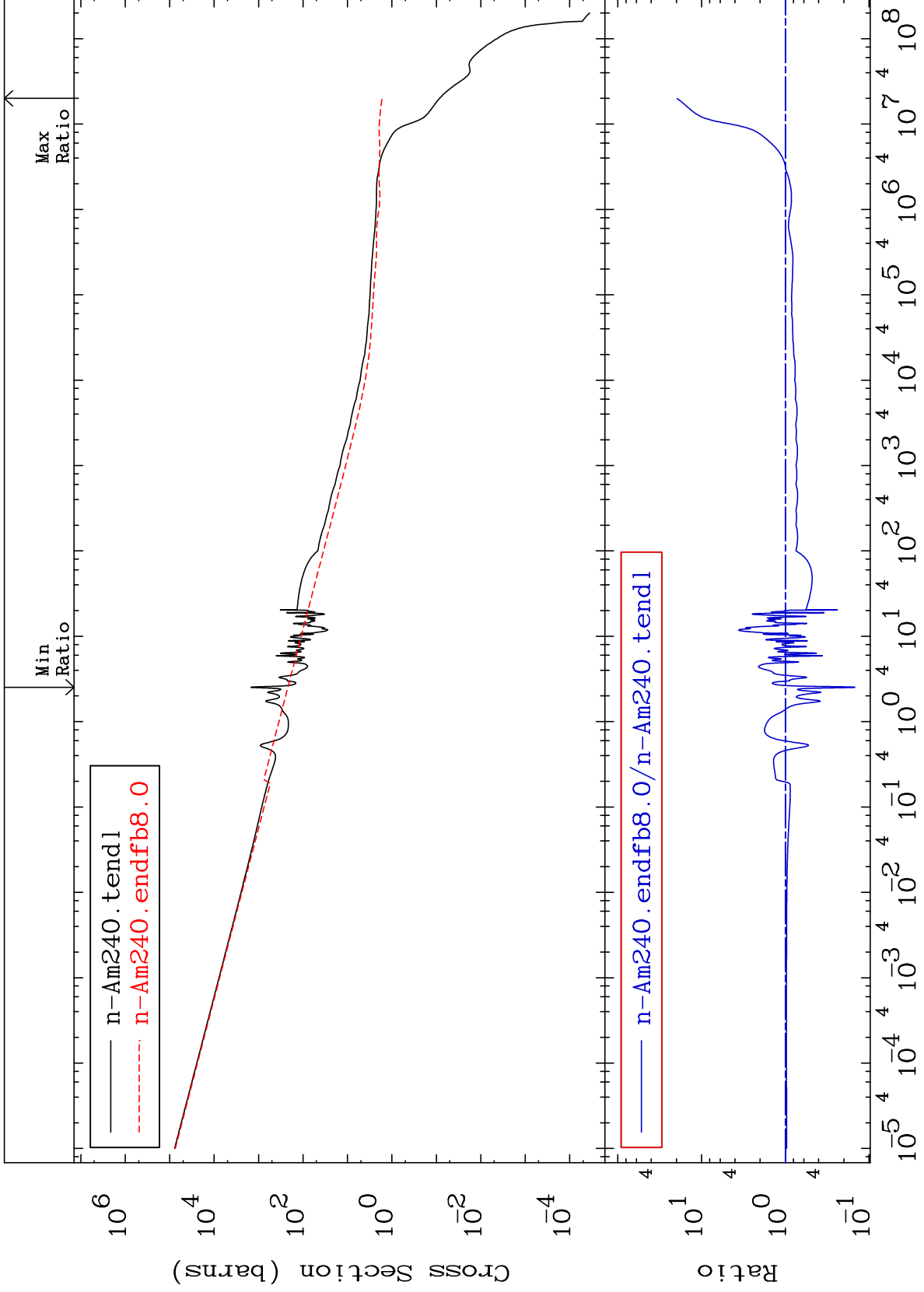
Incident Energy (eV)

95-Am-240

MAT 9540

(n, f) First Chance
Cross Section

95-Am-240
-85.32 To 1869. %



7

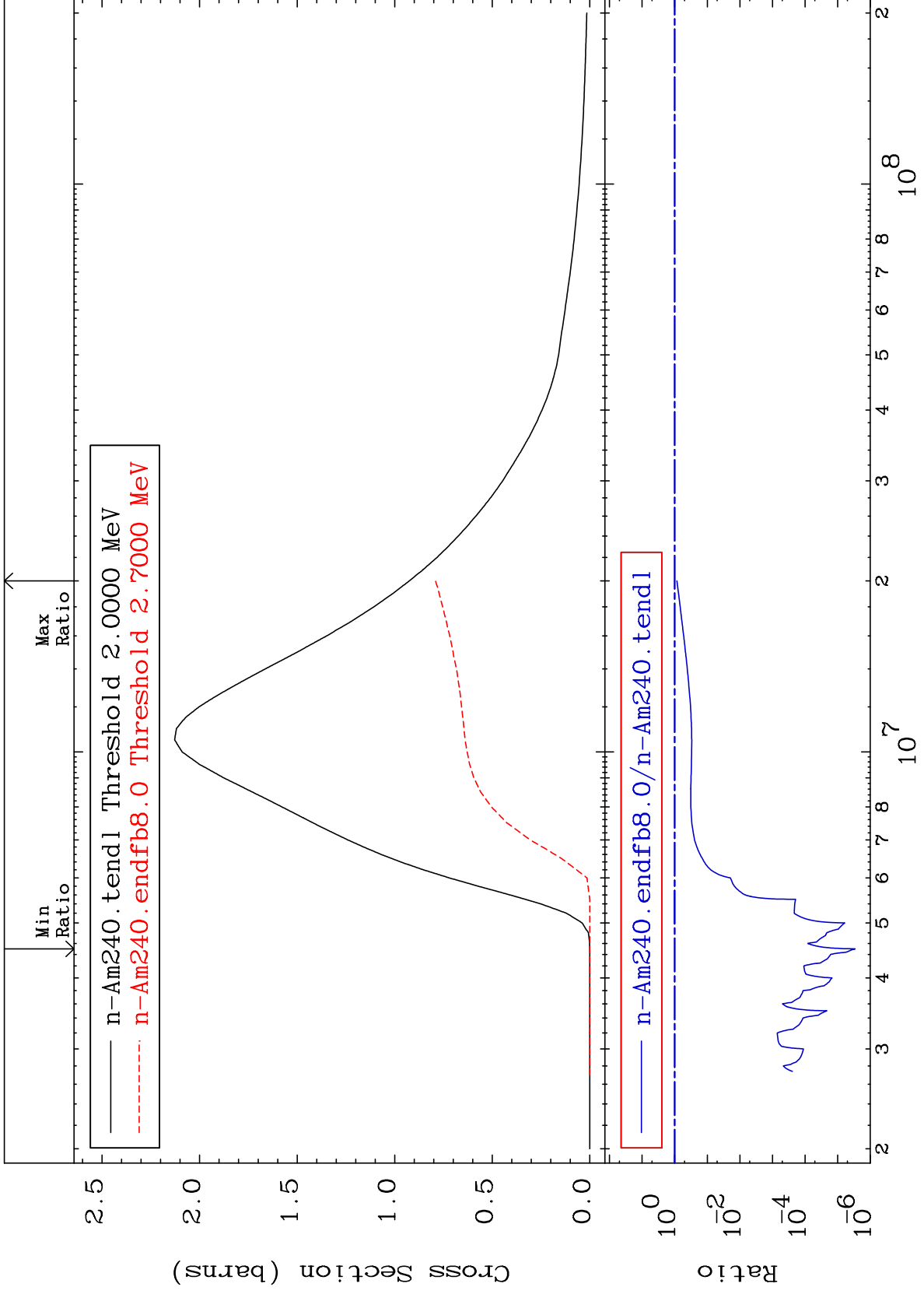
Incident Energy (eV)

95-Am-240

MAT 9540

(n, nf) Second Chance
Cross Section

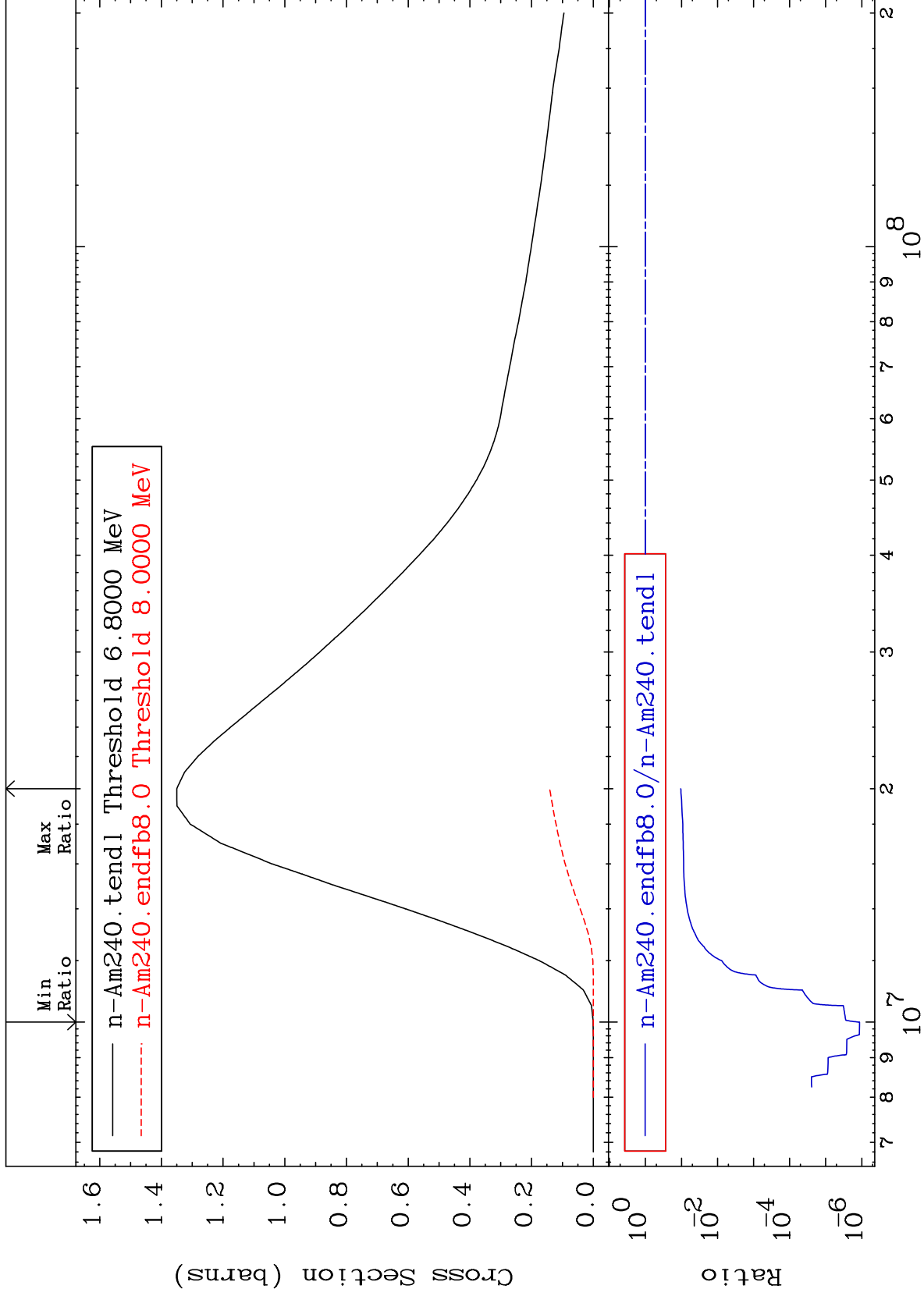
95-Am-240
-100.0 To -14.54%



MAT 9540

(n,2nf) Third Chance
Cross Section

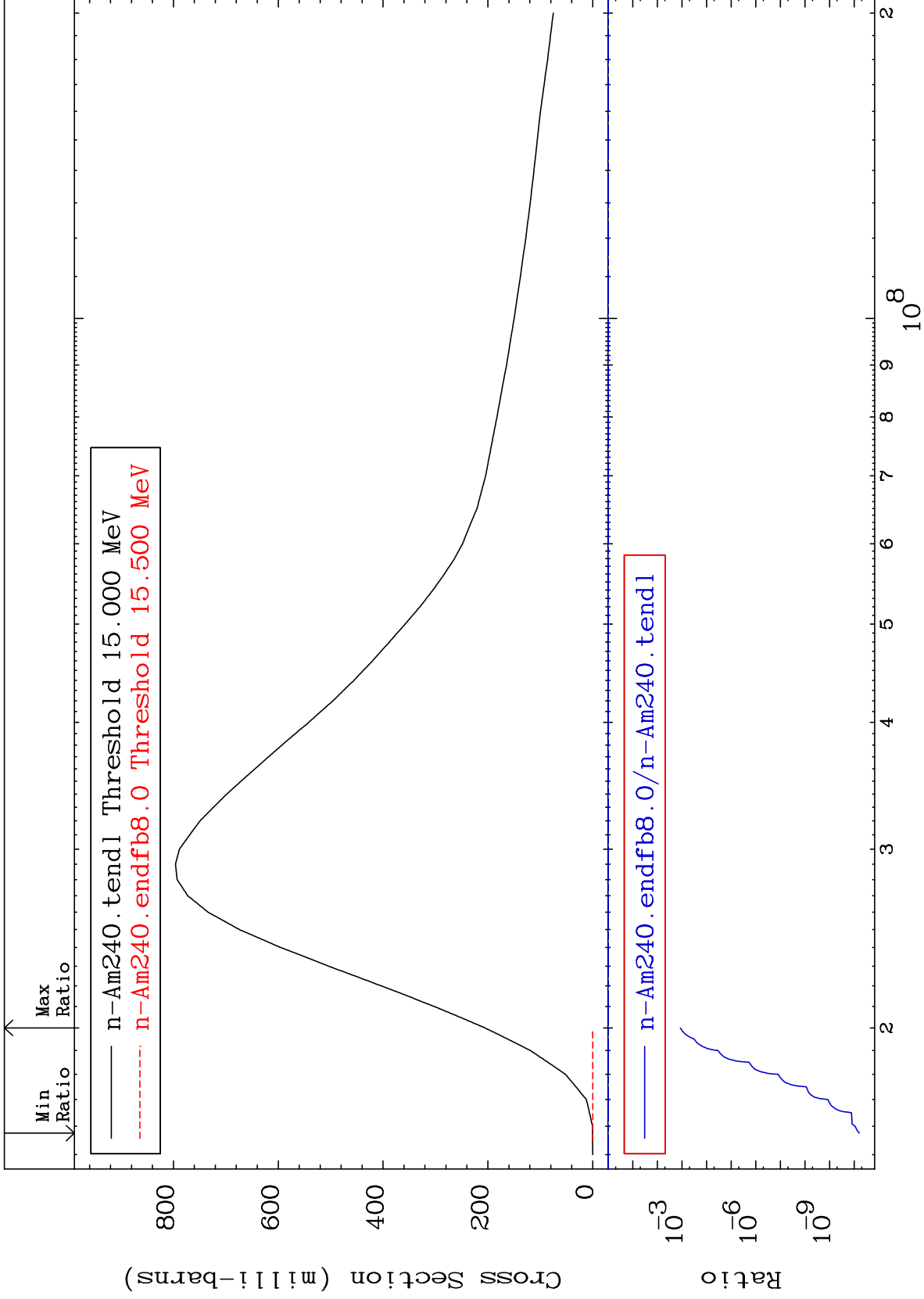
95-Am-240
-100.0 To -89.53%



MAT 9540

(n,3nf) Fourth Chance
Cross Section

95-Am-240
-100.0 To -99.88%



10

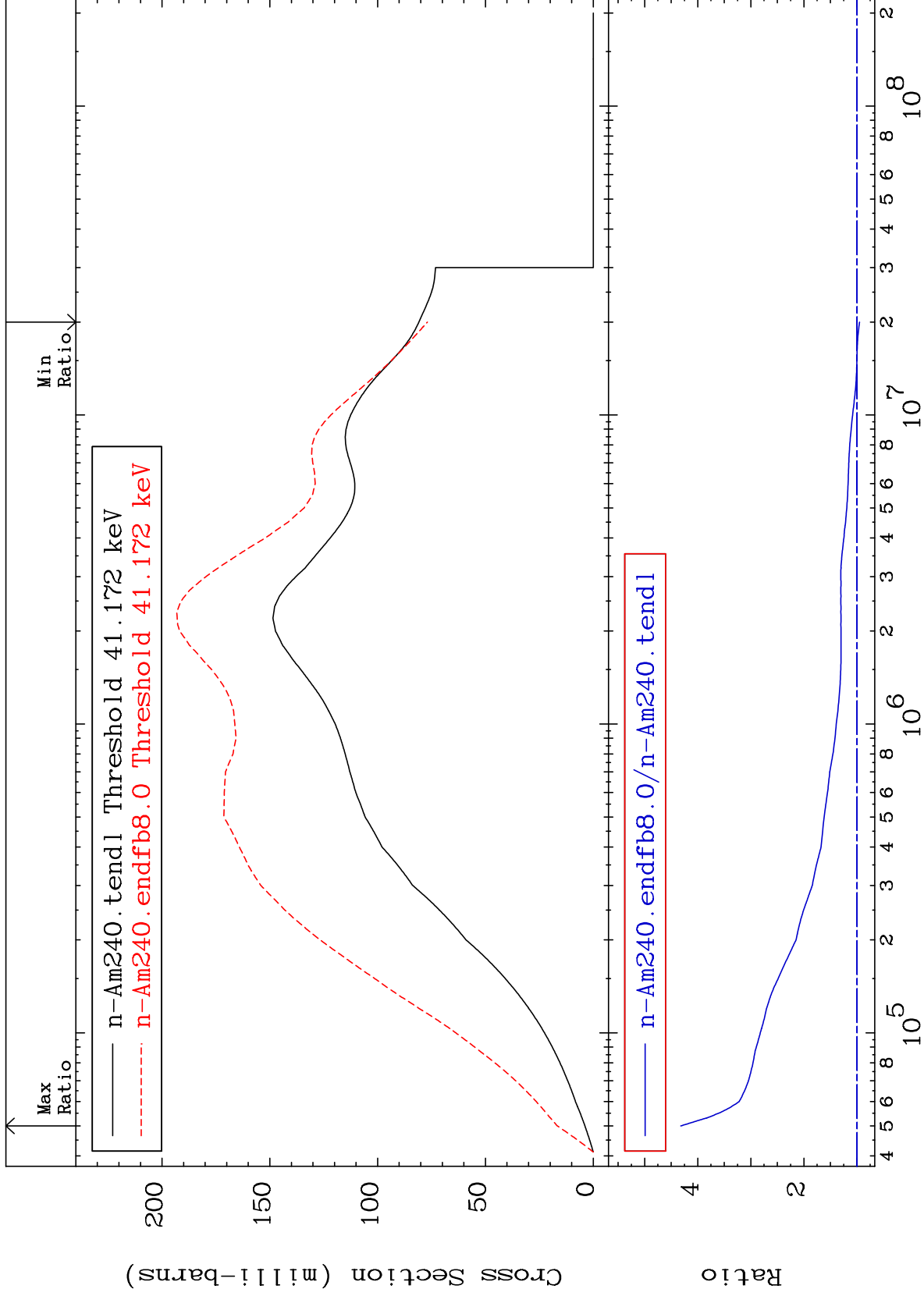
Incident Energy (eV)

95-Am-240

MAT 9540

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

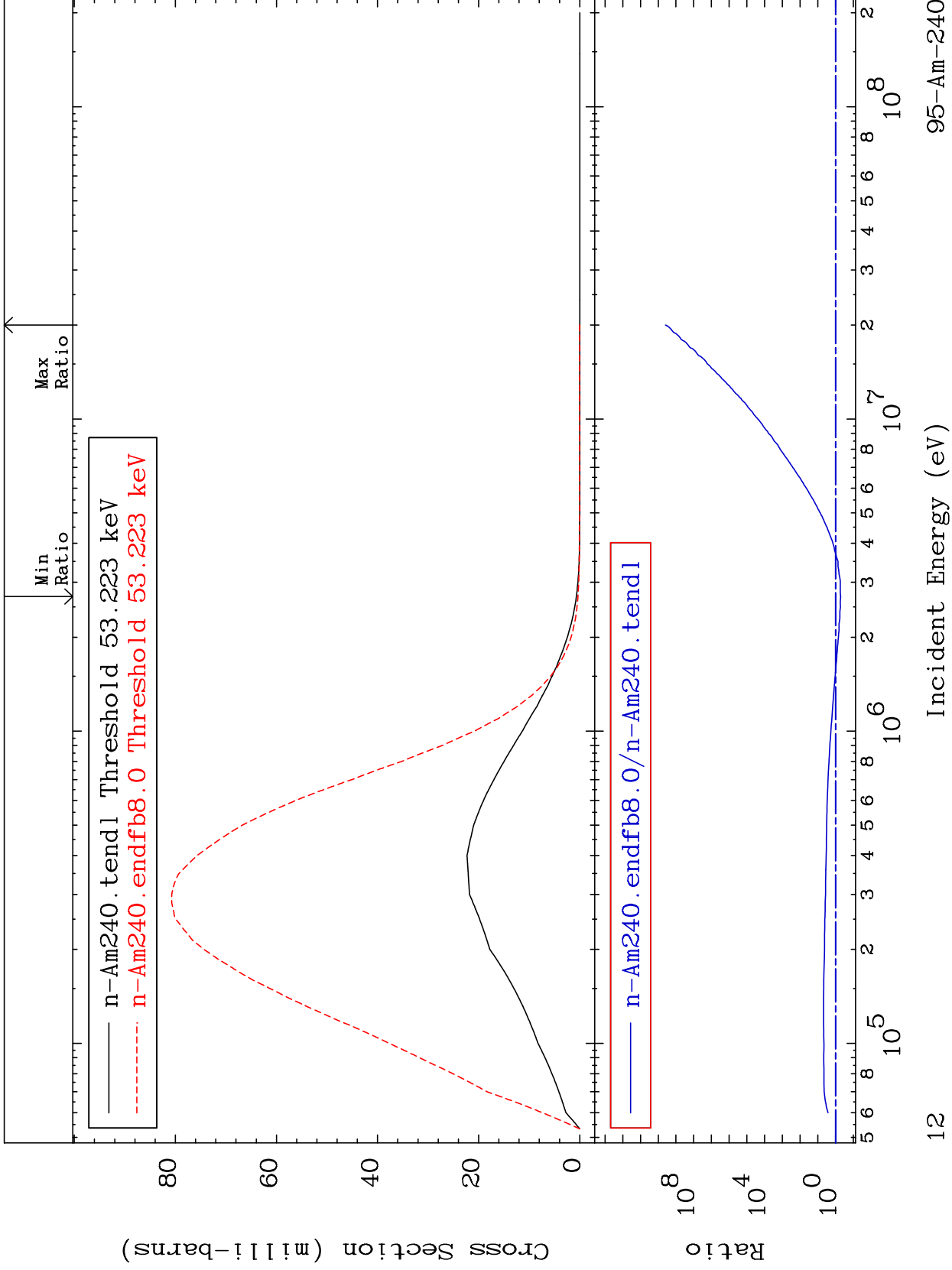
95-Am-240
-4.874 To 331.9 %



MAT 9540

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

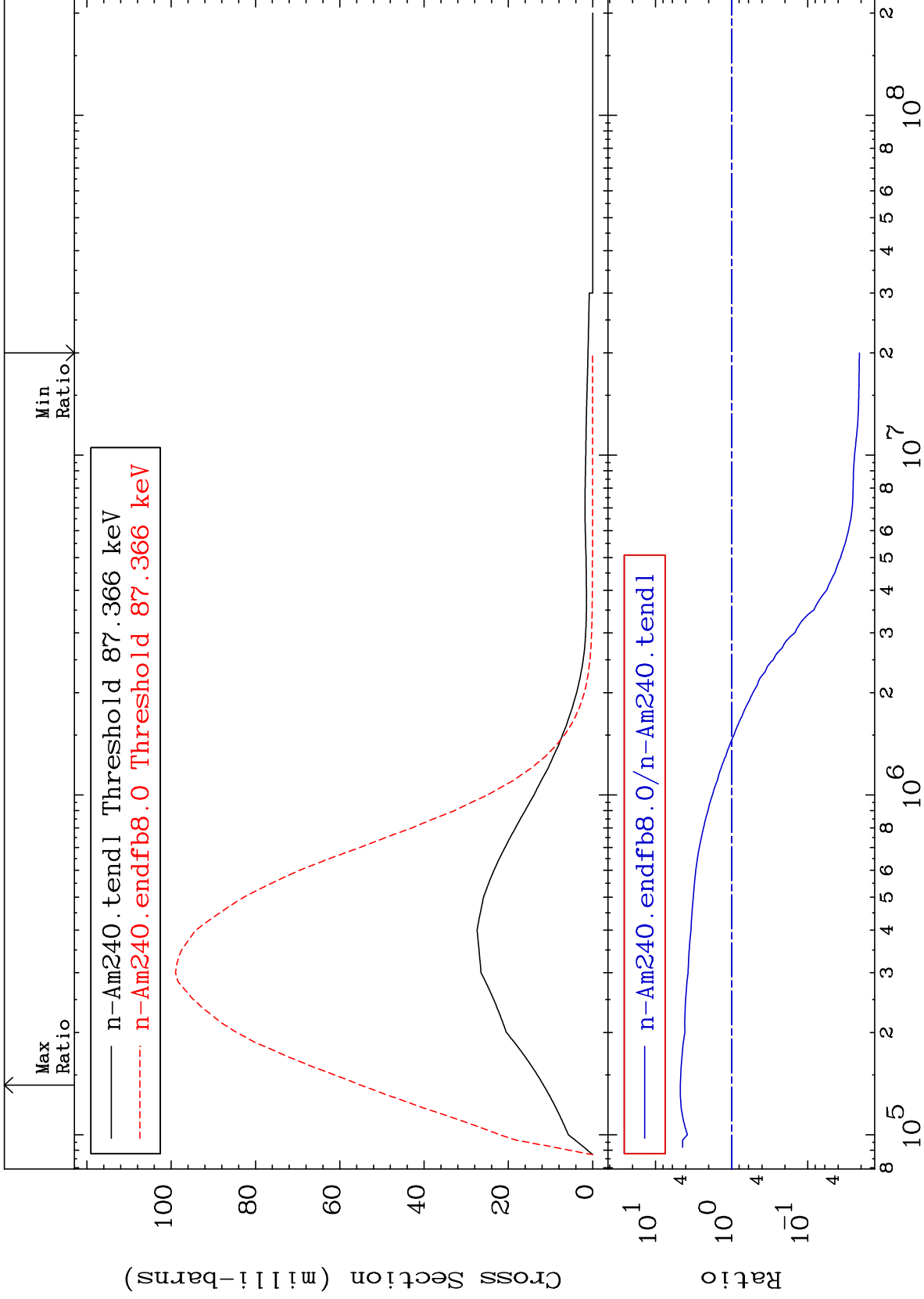
95-Am-240
-48.33 To 9999. %



MAT 9540

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

95-Am-240
-97.90 To 372.0 %



13

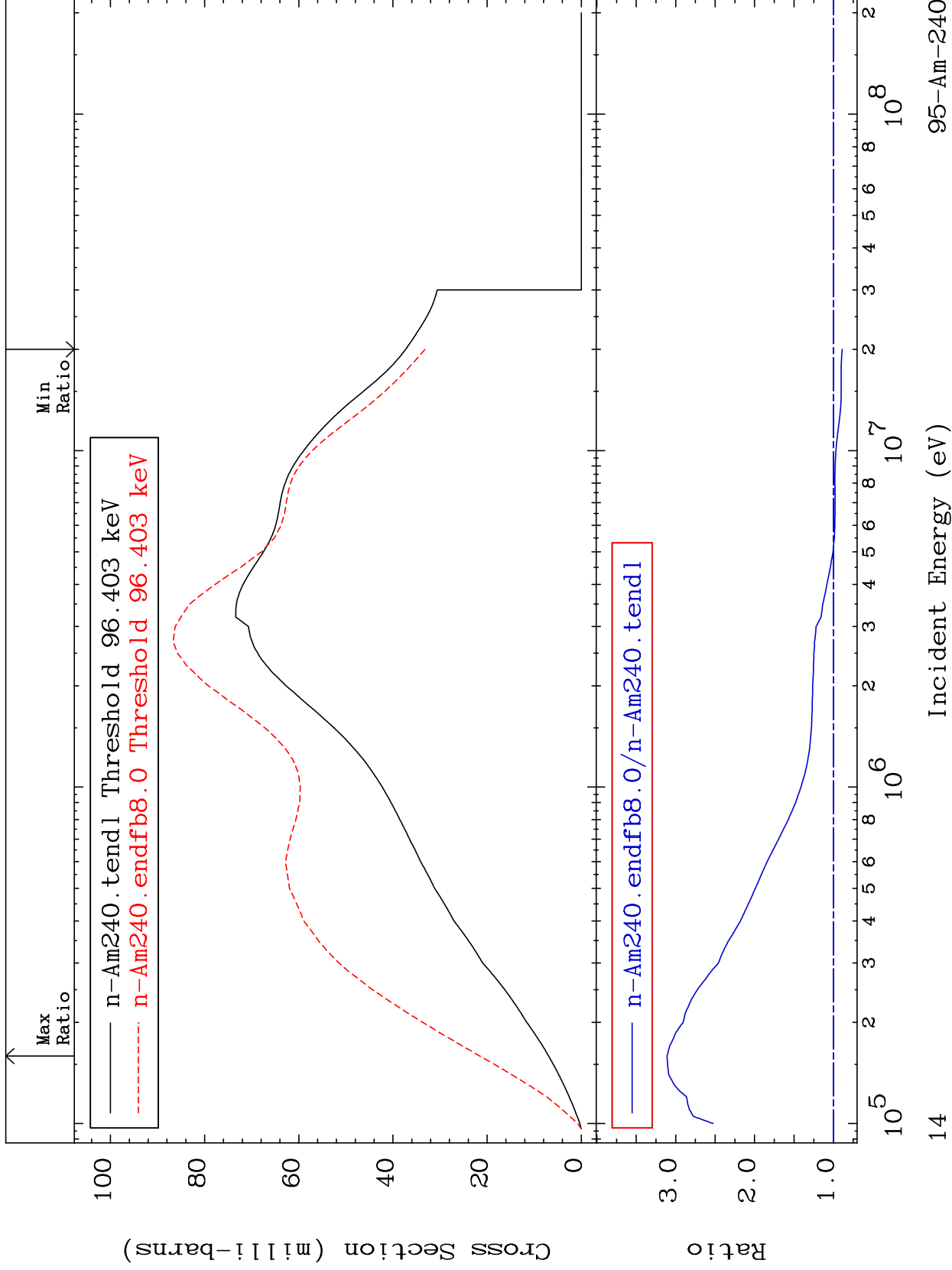
Incident Energy (eV)

95-Am-240

MAT 9540

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

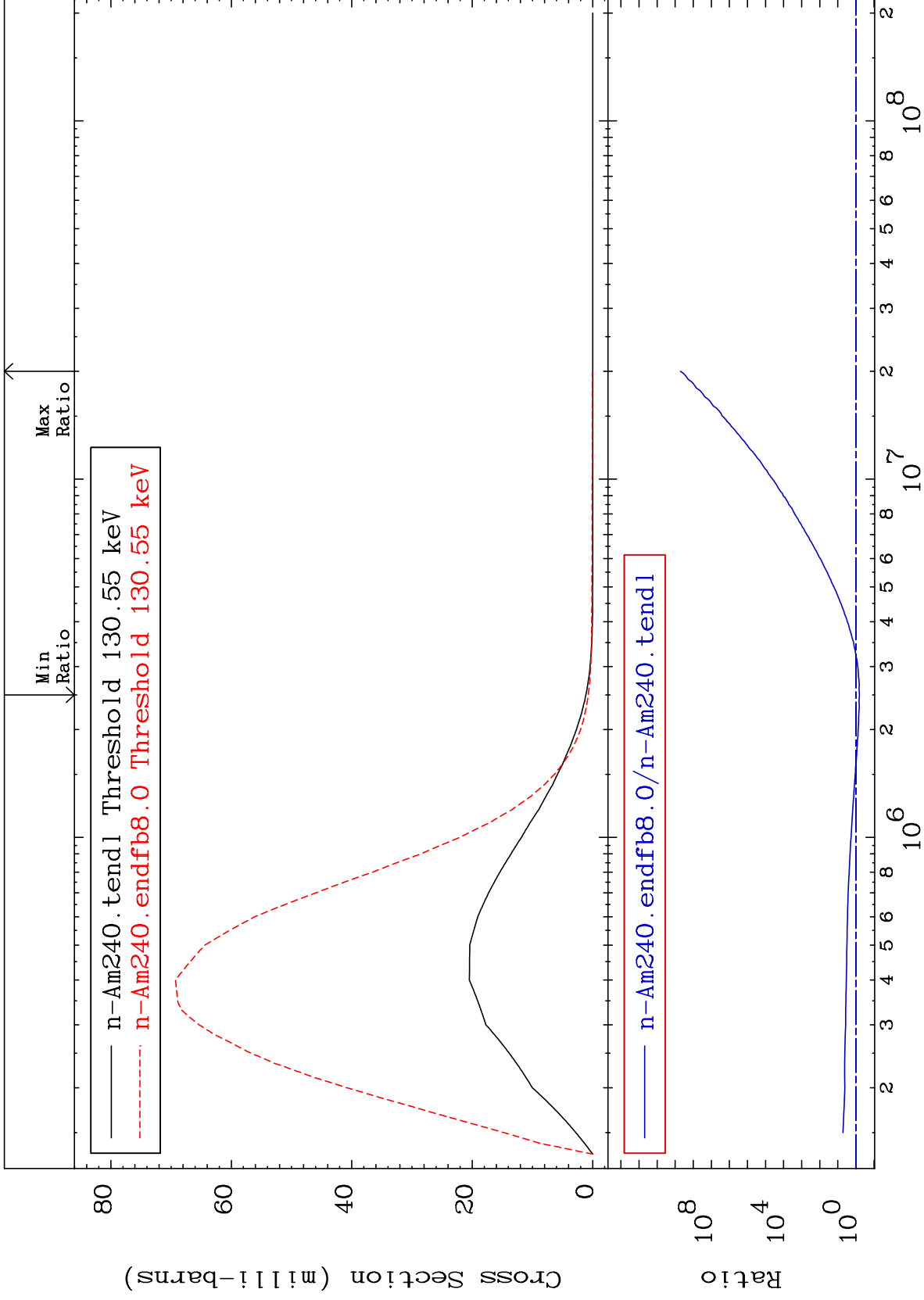
95-Am-240
-11.07 To 211.0 %



MAT 9540

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

95-Am-240
-36.11 To 9999. %



15

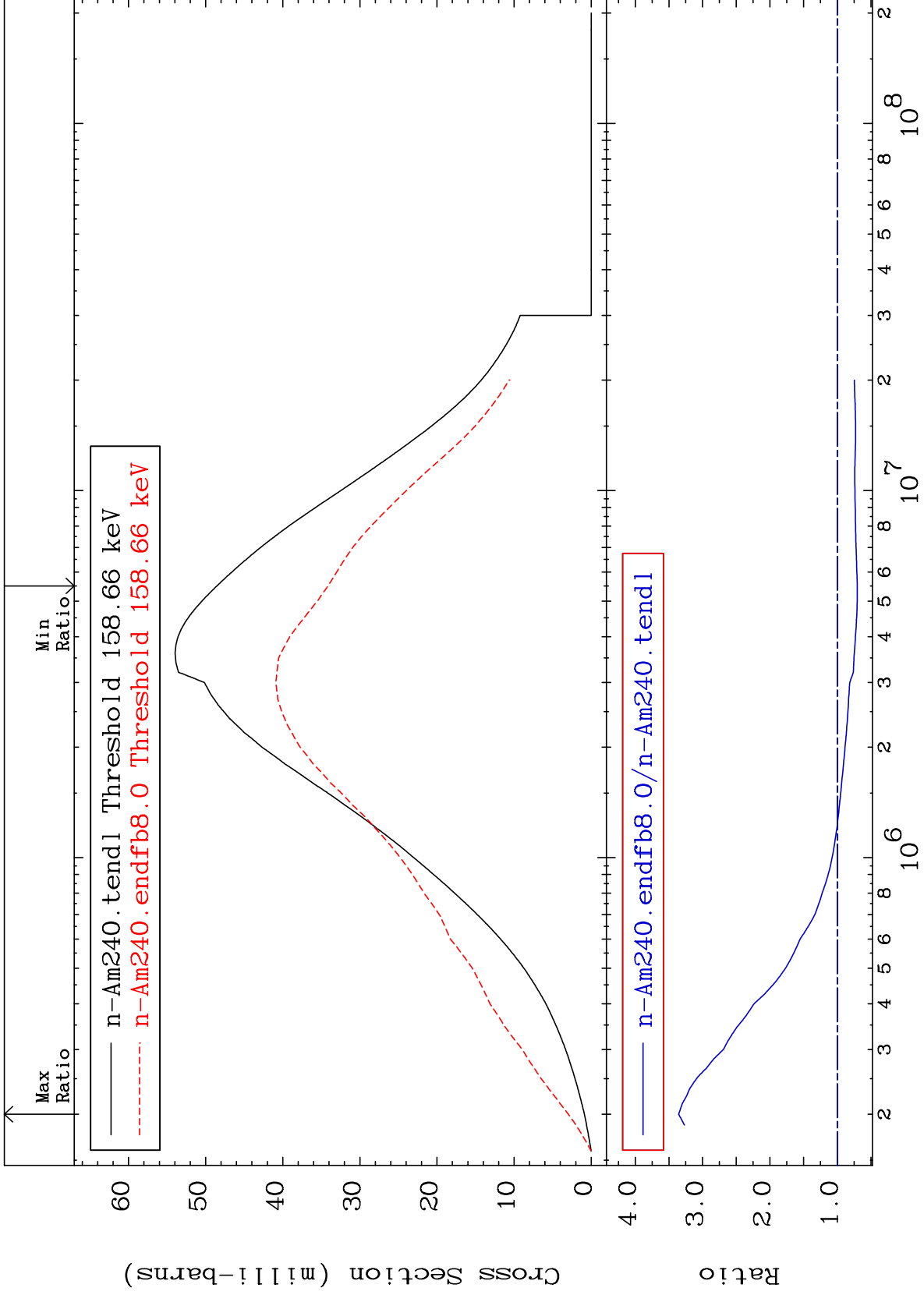
Incident Energy (eV)

95-Am-240

MAT 9540

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

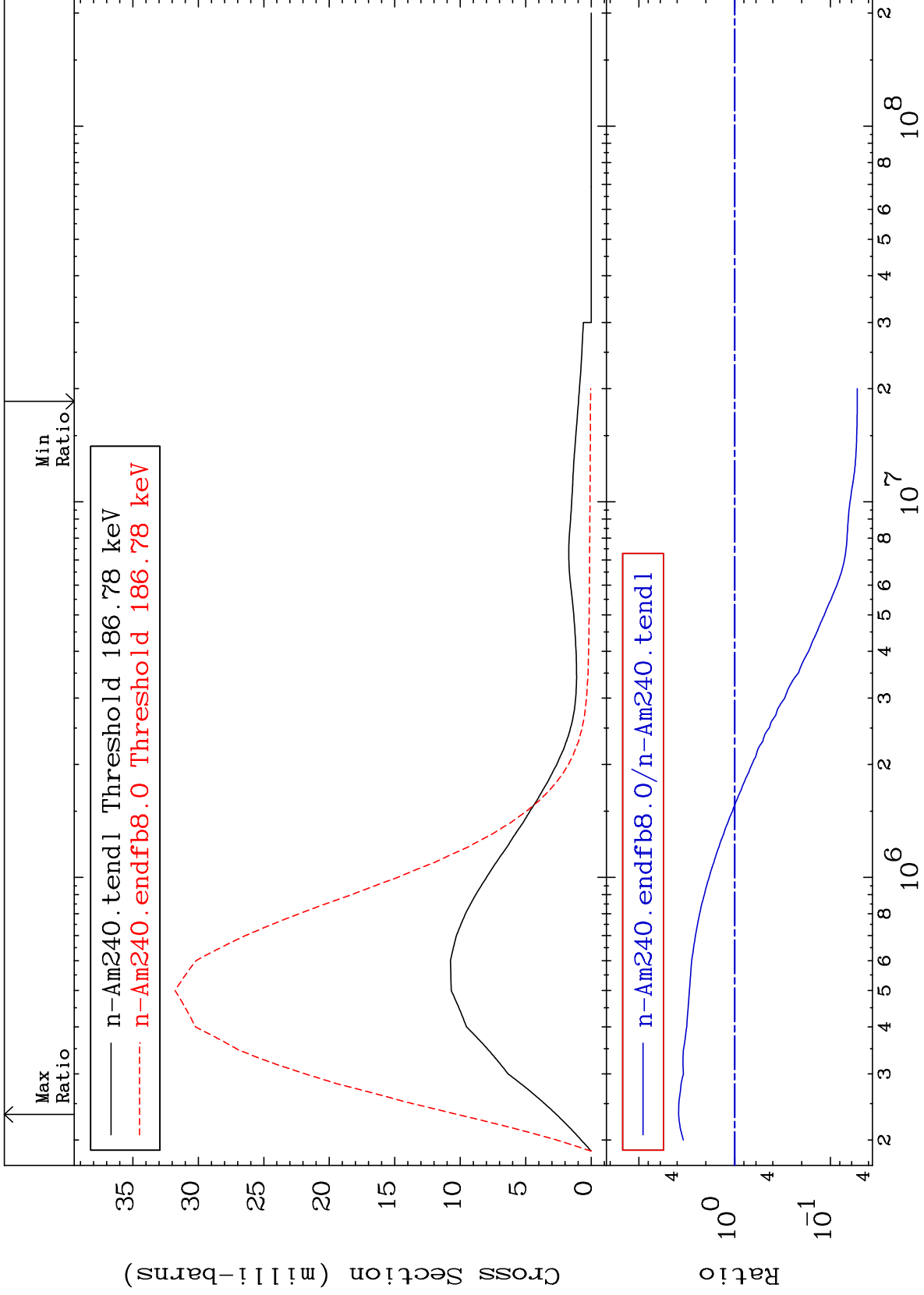
95-Am-240
-29.71 To 235.6 %



MAT 9540

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

95-Am-240
-94.75 To 285.1 %



17

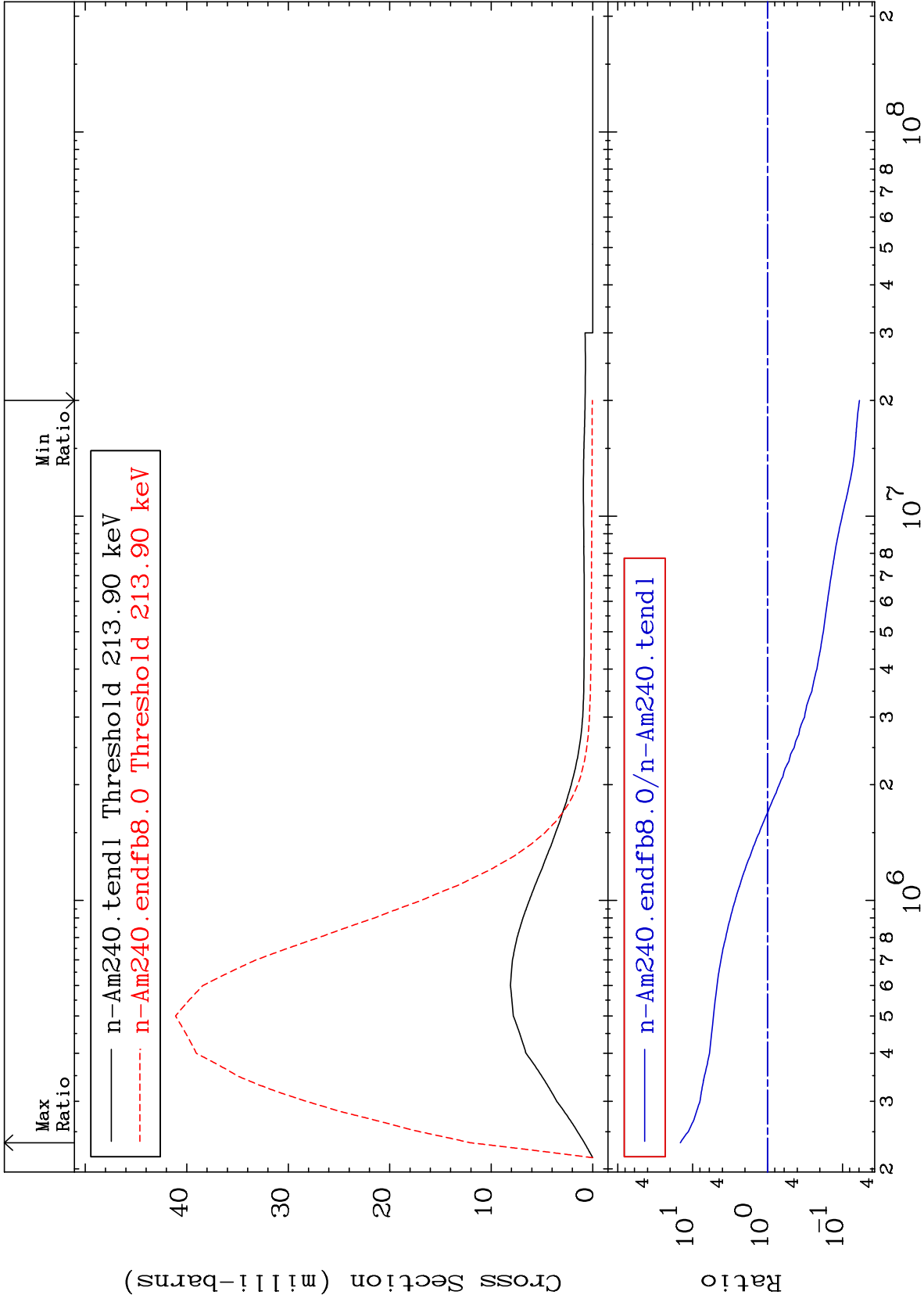
Incident Energy (eV)

95-Am-240

MAT 9540

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

95-Am-240
-94.07 To 1359. %



18

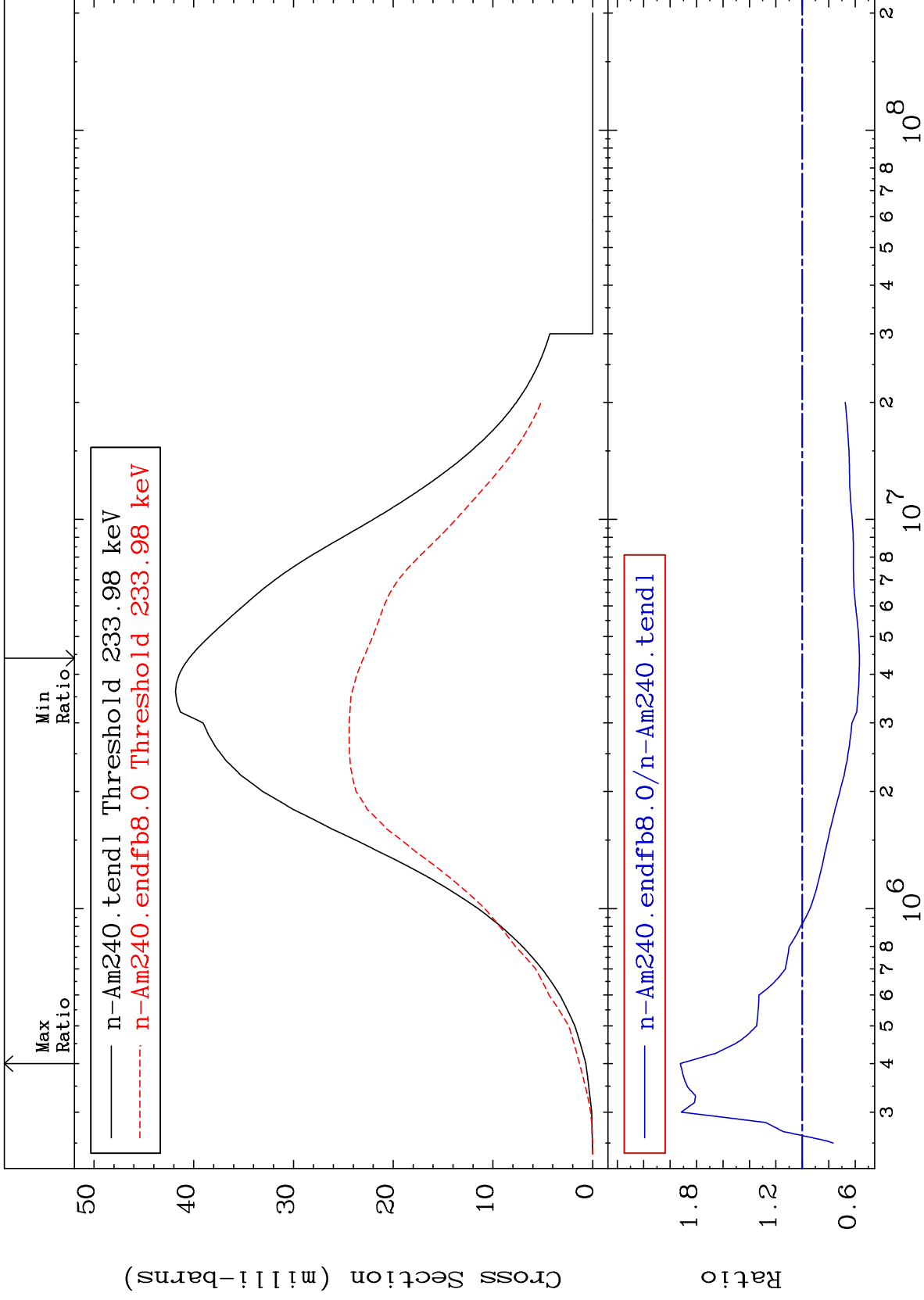
Incident Energy (eV)

95-Am-240

MAT 9540

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

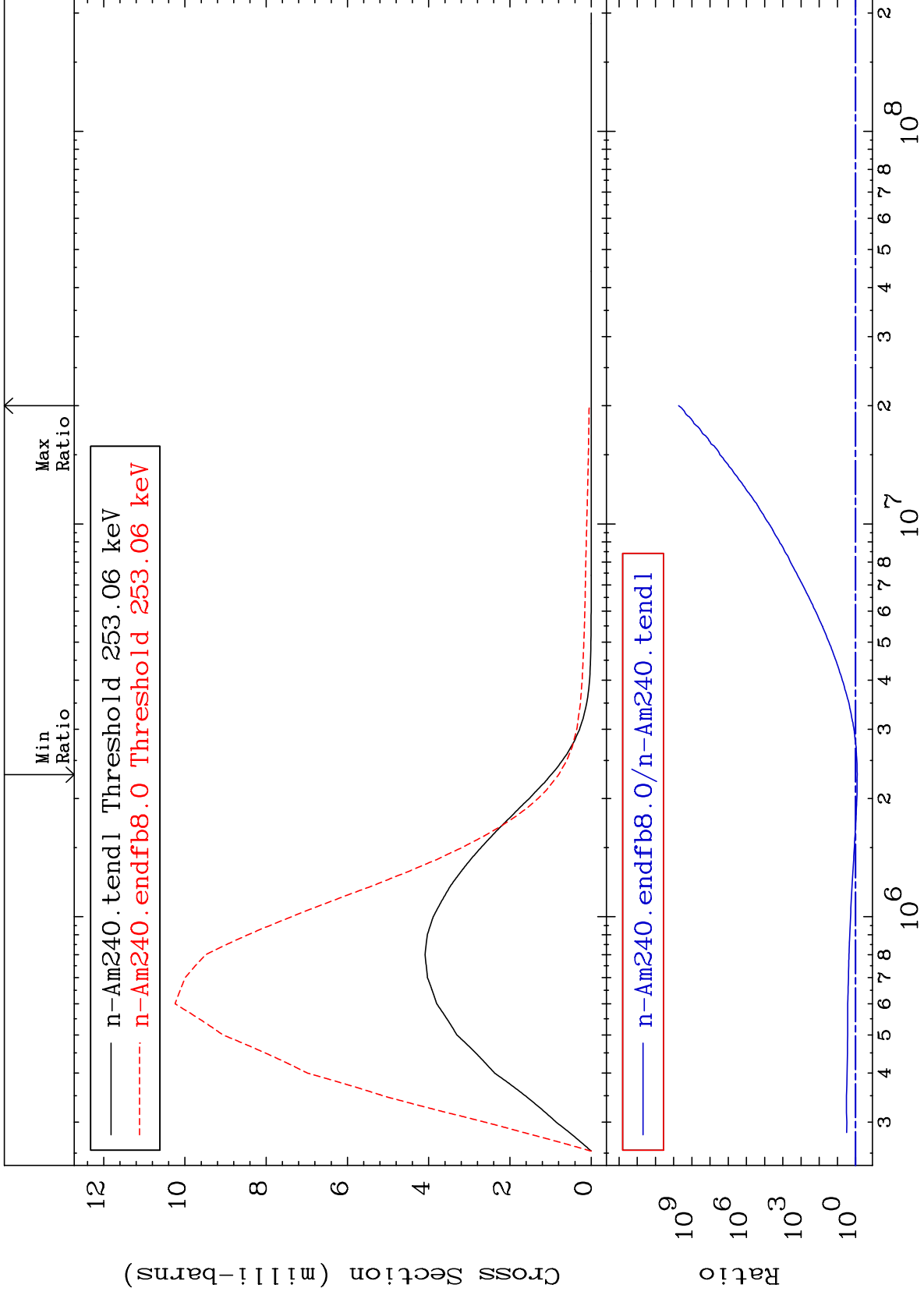
95-Am-240
-43.21 To 92.27 %



MAT 9540

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

95-Am-240
-18.95 To 9999. %



20

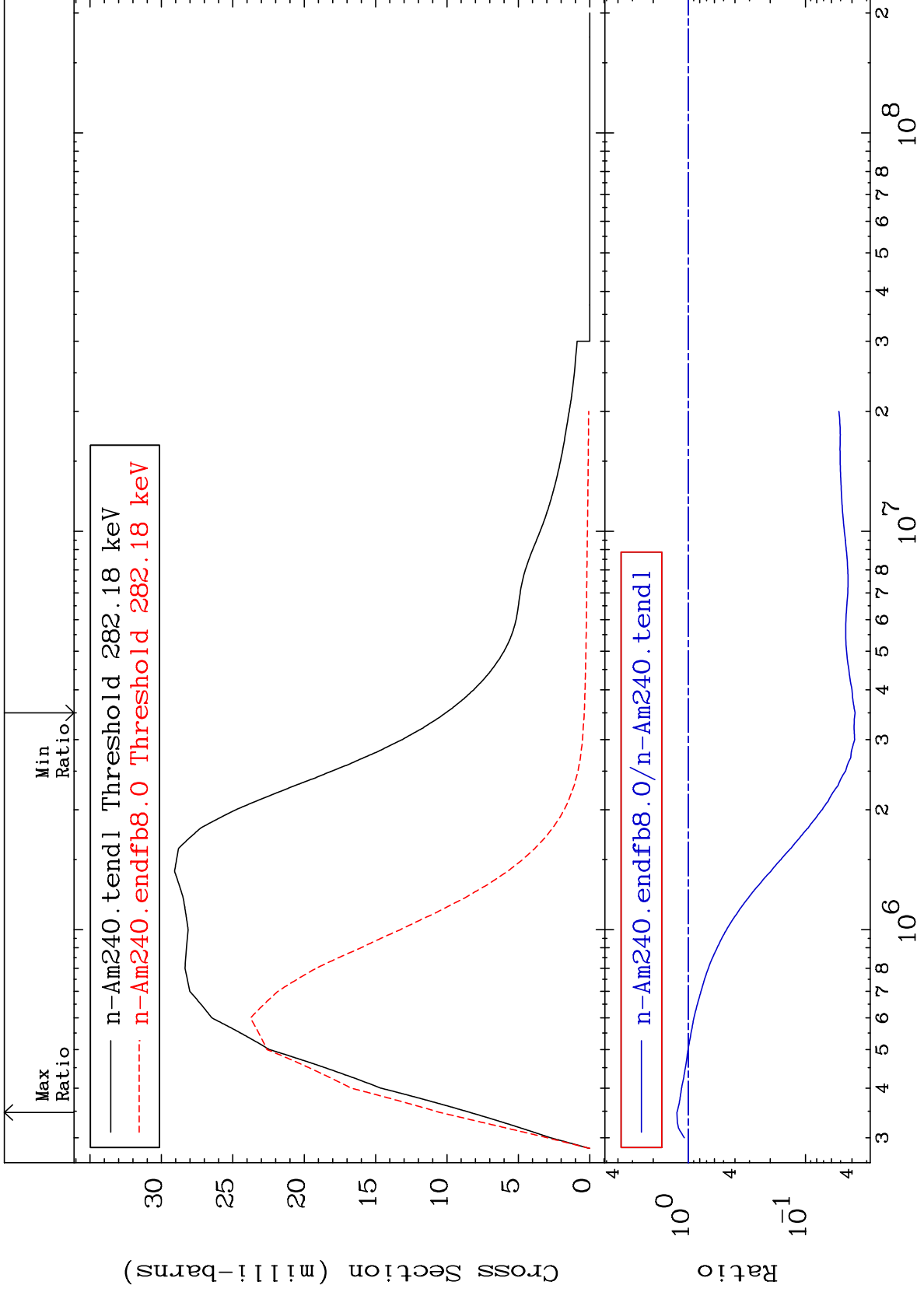
Incident Energy (eV)

95-Am-240

MAT 9540

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

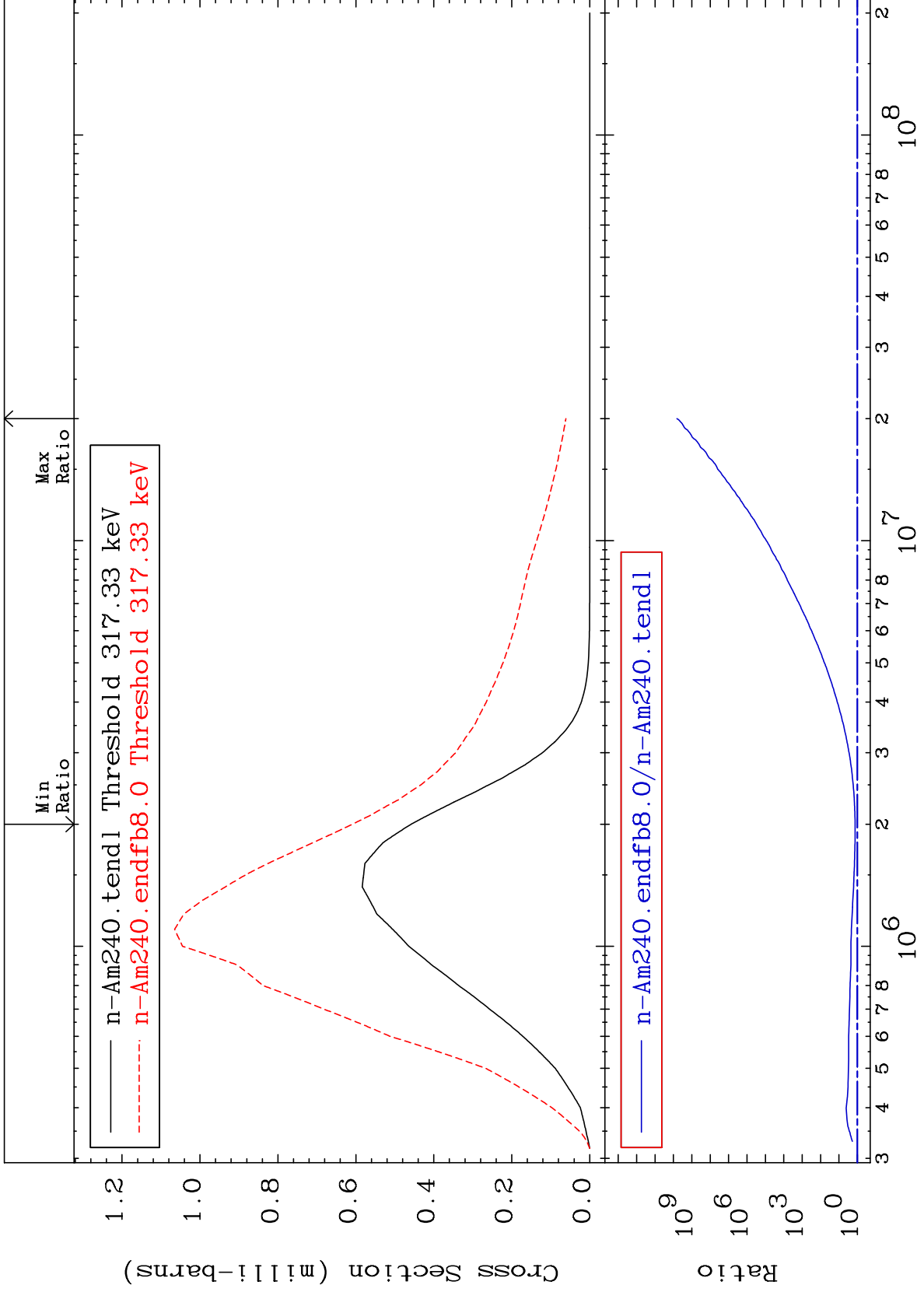
95-Am-240
-96.24 To 25.26 %



MAT 9540

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

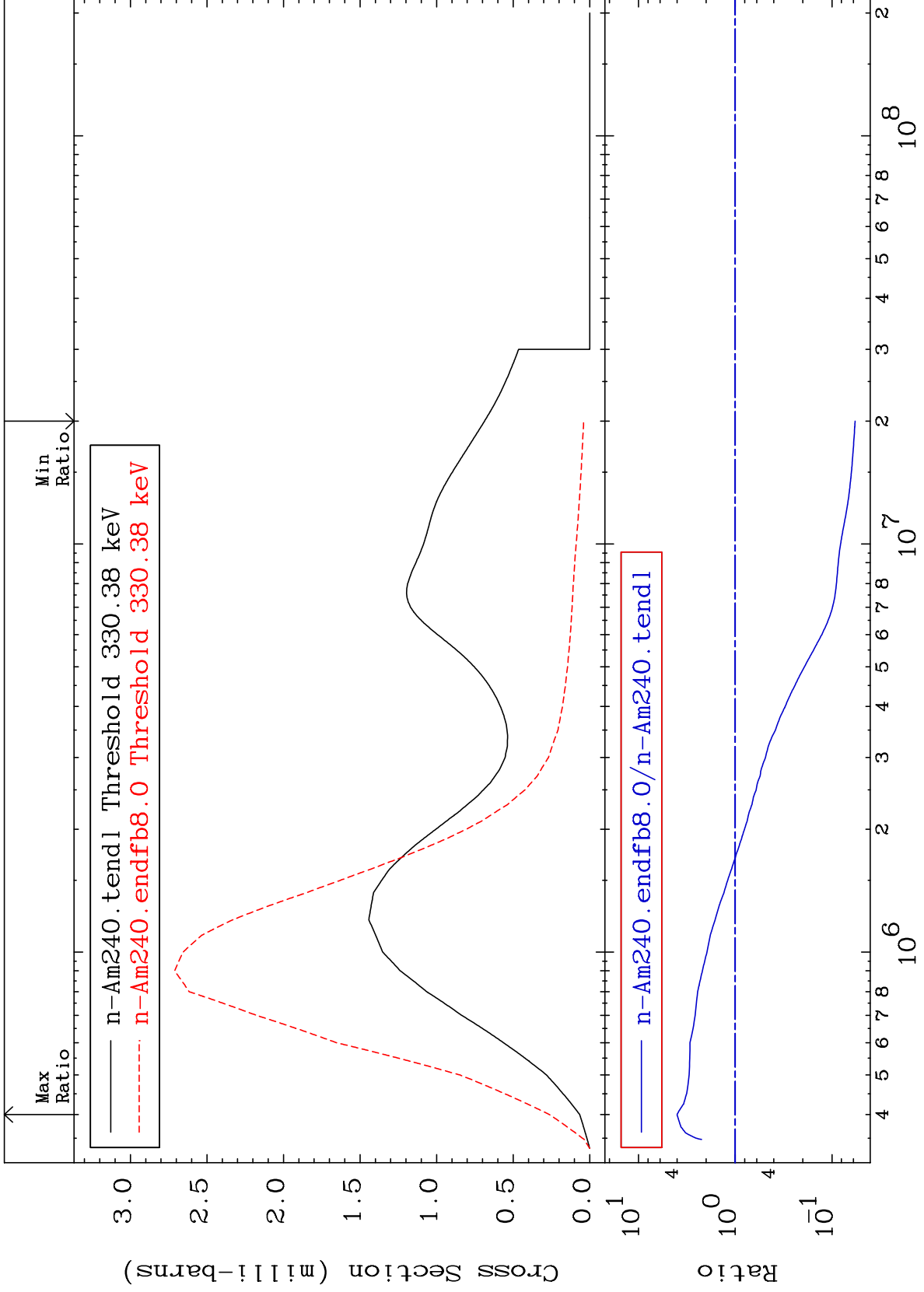
95-Am-240
32.77 To 9999. %



MAT 9540

MT= 63 (n,n') Level
Cross Section

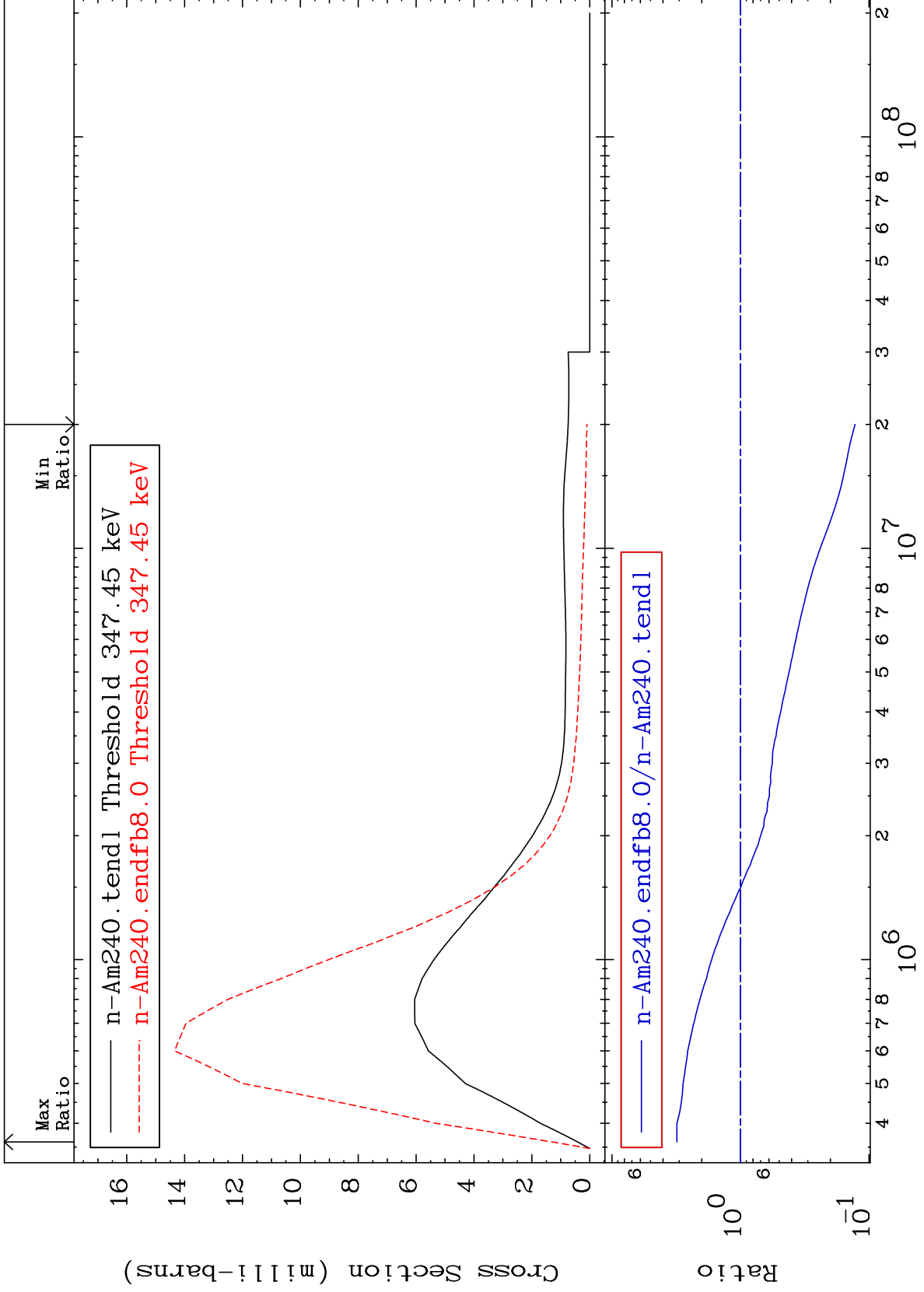
95-Am-240
-94.23 To 301.2 %



MAT 9540

MT= 64 (n,n') Level
Cross Section

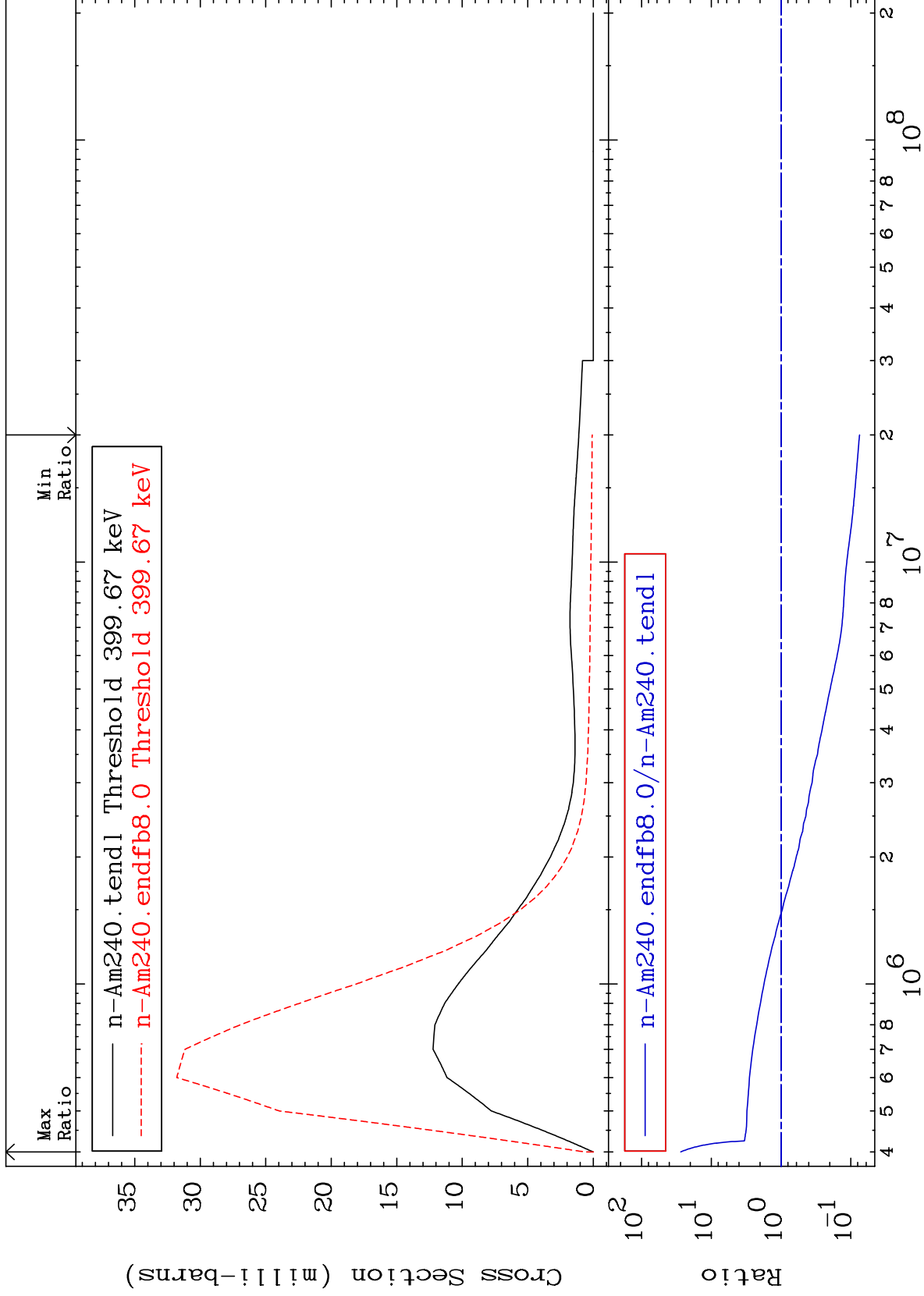
95-Am-240
-87.16 To 212.0 %

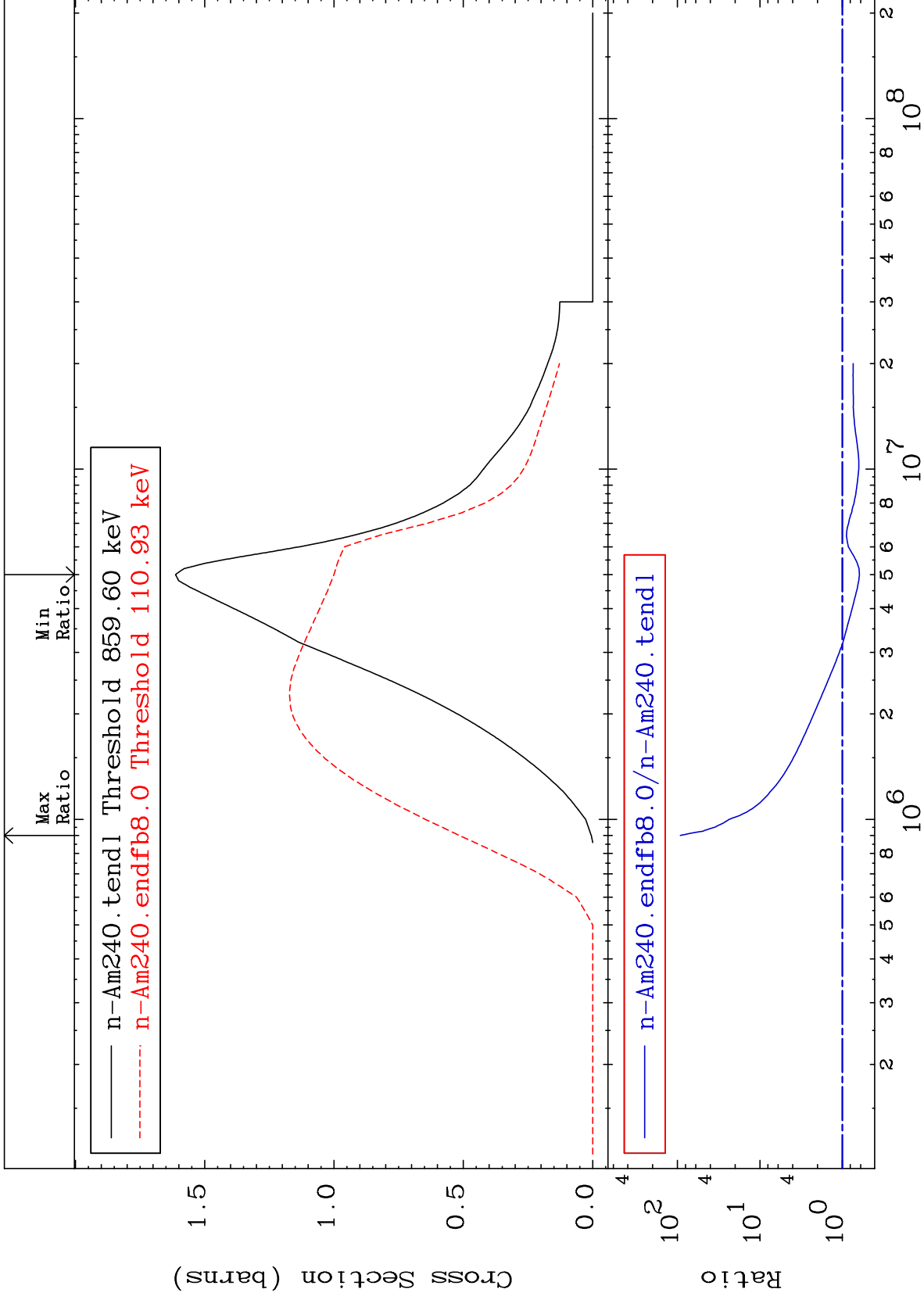


MAT 9540

MT= 65 (n,n') Level
Cross Section

95-Am-240
-92.50 To 2645. %



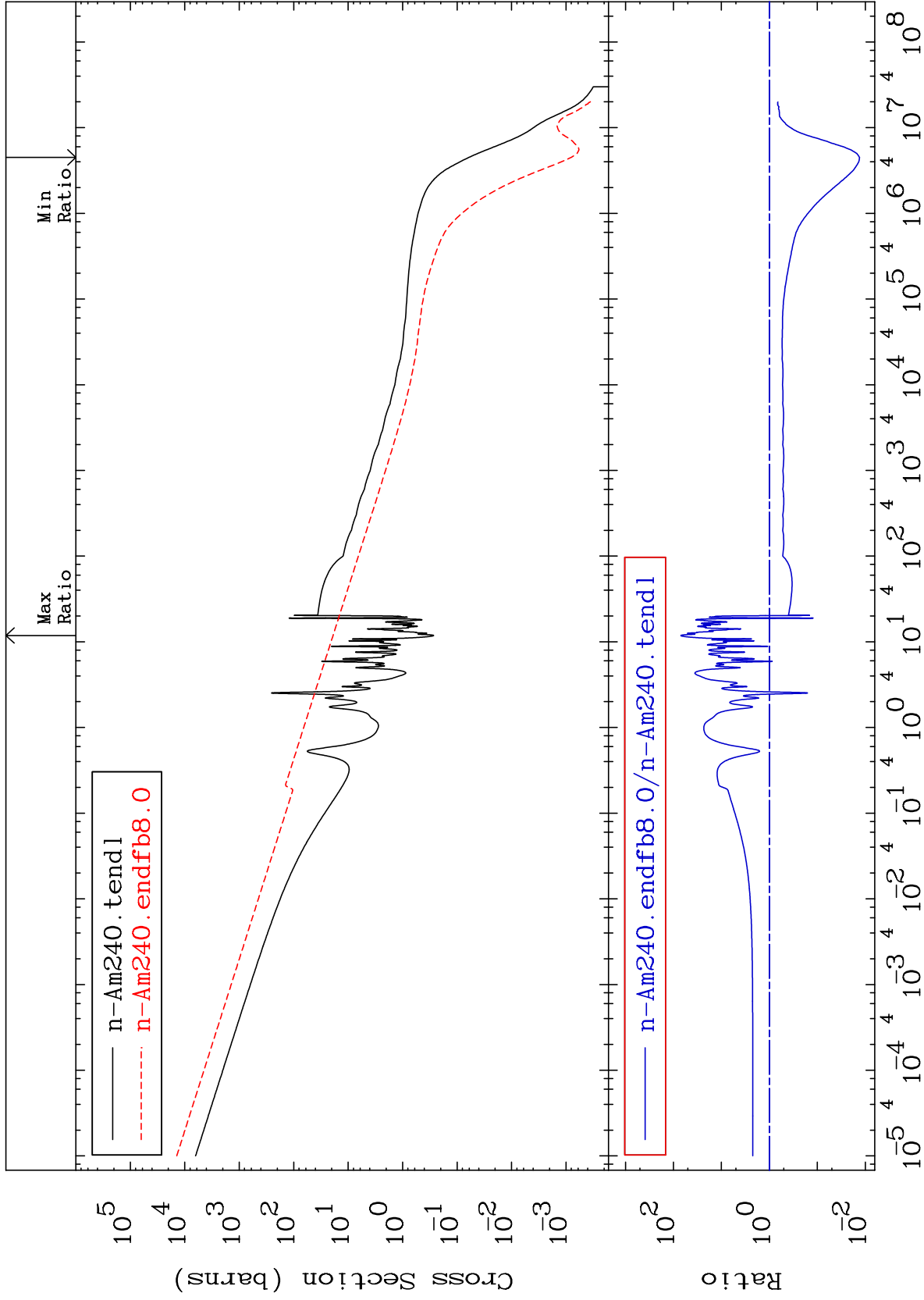


MAT 9540

95-Am-240

-98.68 To 6935. %

(n, γ)
Cross Section



27

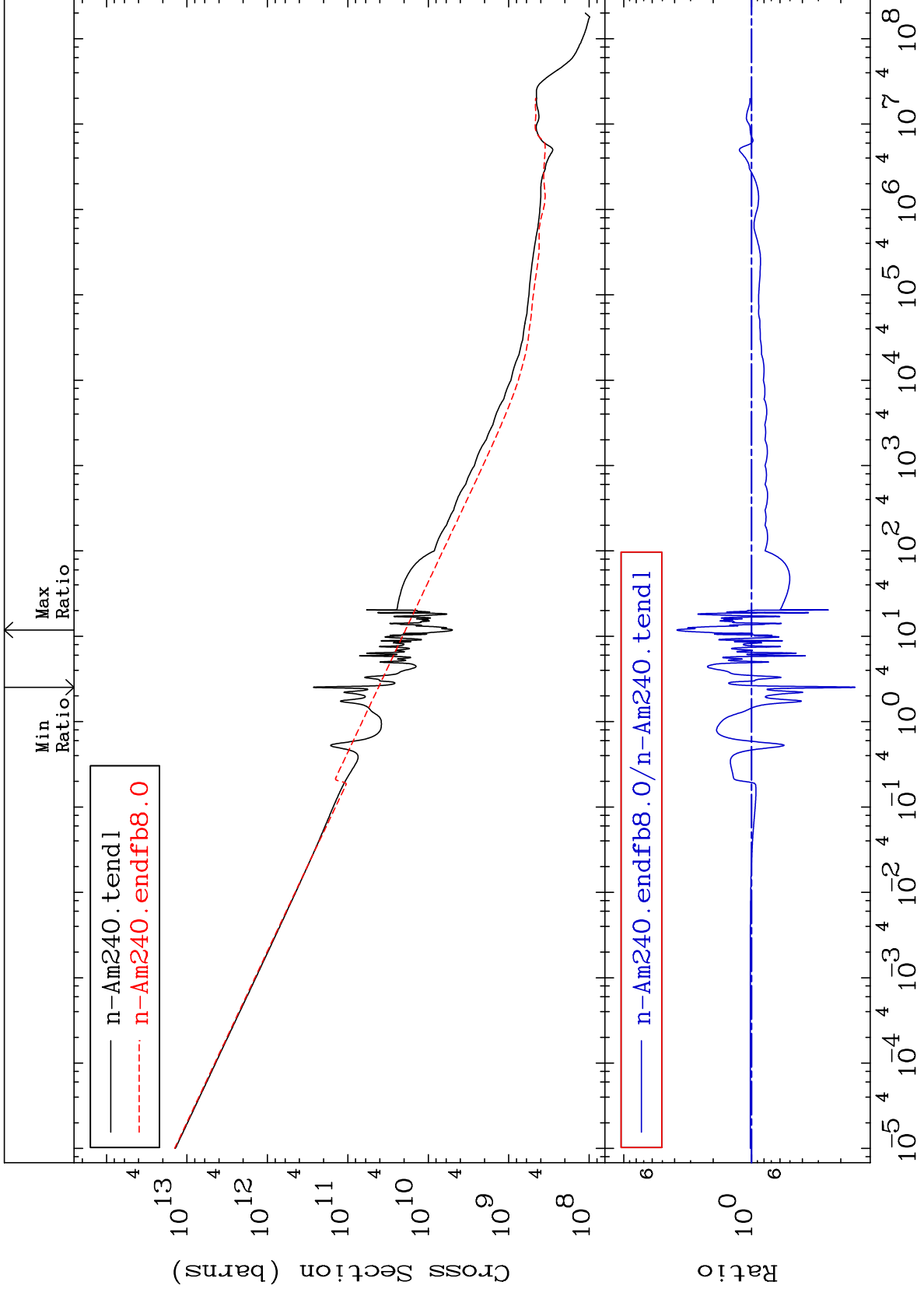
Incident Energy (eV)

95-Am-240

MAT 9540

Kerma total (eV-barns)
Cross Section

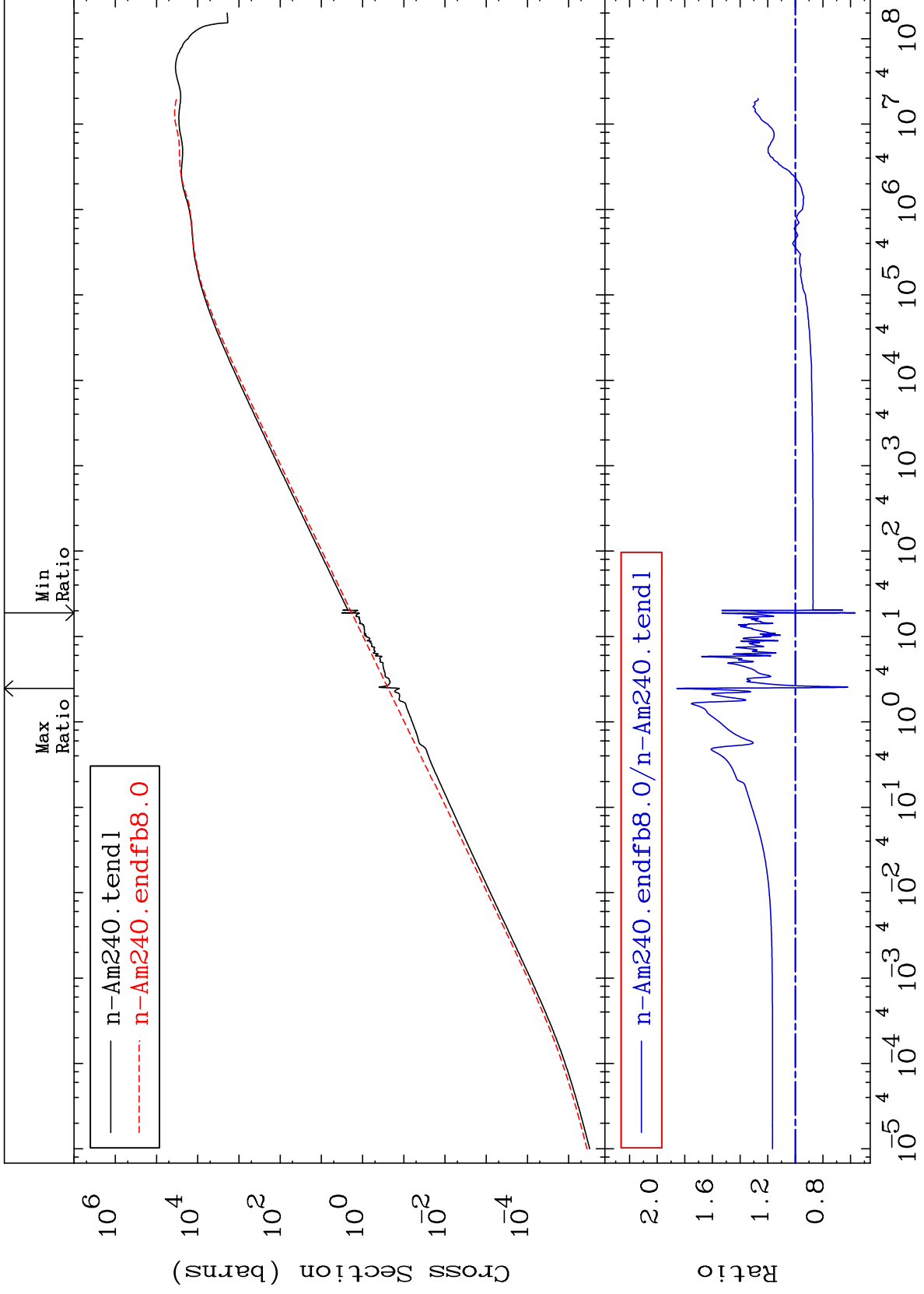
95-Am-240
-84.53 To 284.0 %



MAT 9540

Kerma elastic
Cross Section

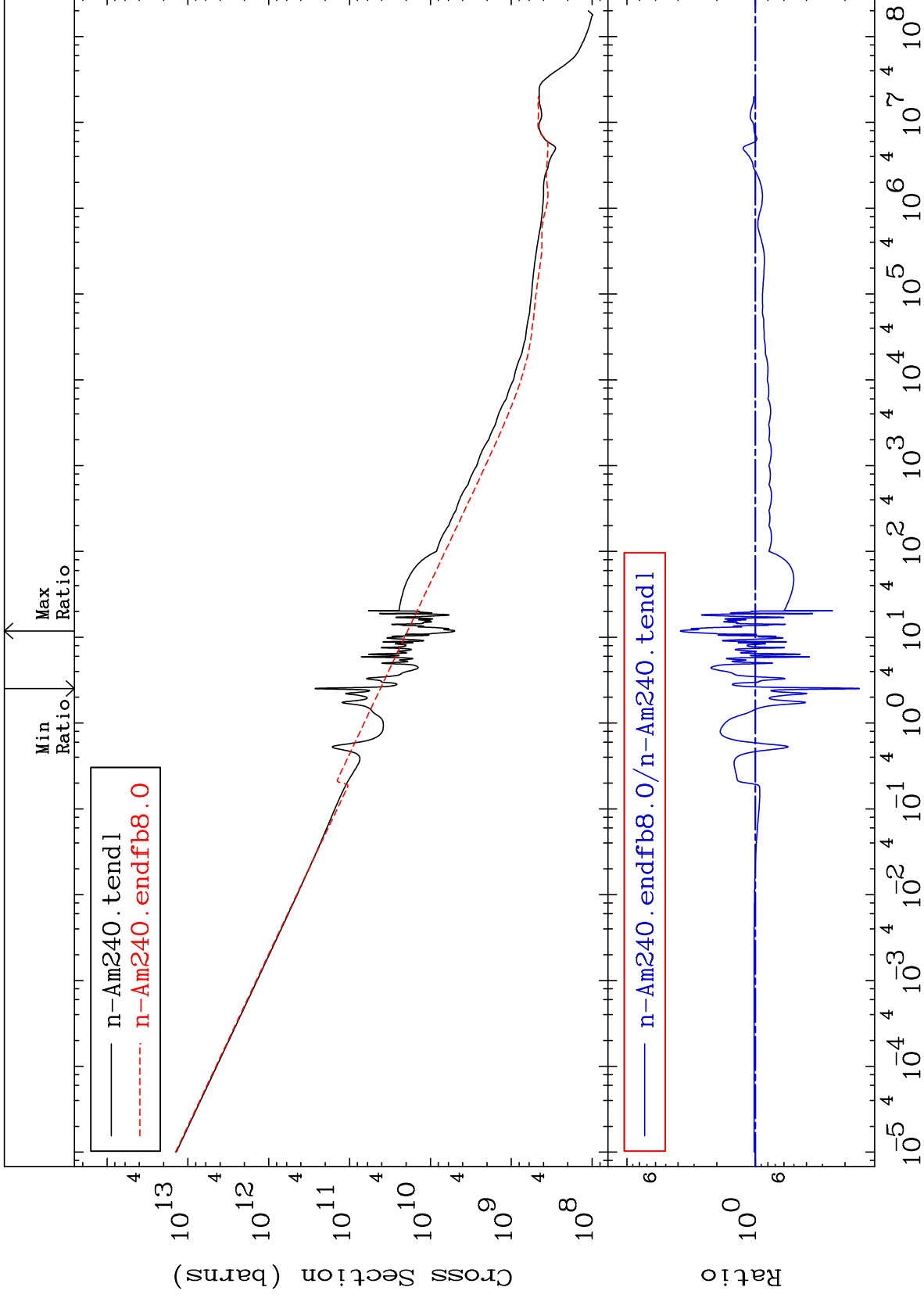
95-Am-240
-43.30 To 85.72 %



MAT 9540

Kerma non-elastic (all but mt2)
Cross Section

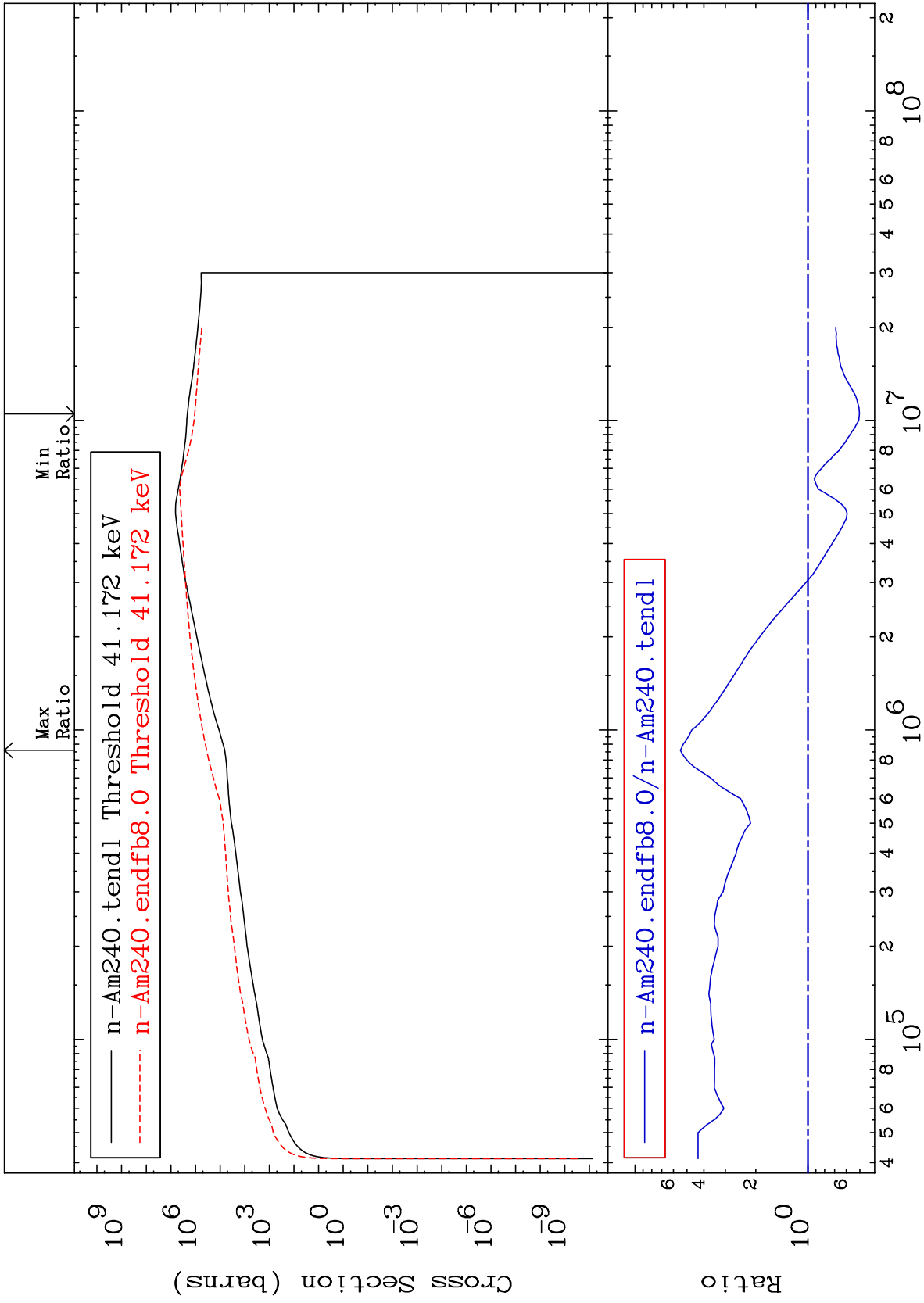
95-Am-240
-84.53 To 284.0 %



30

Incident Energy (eV)

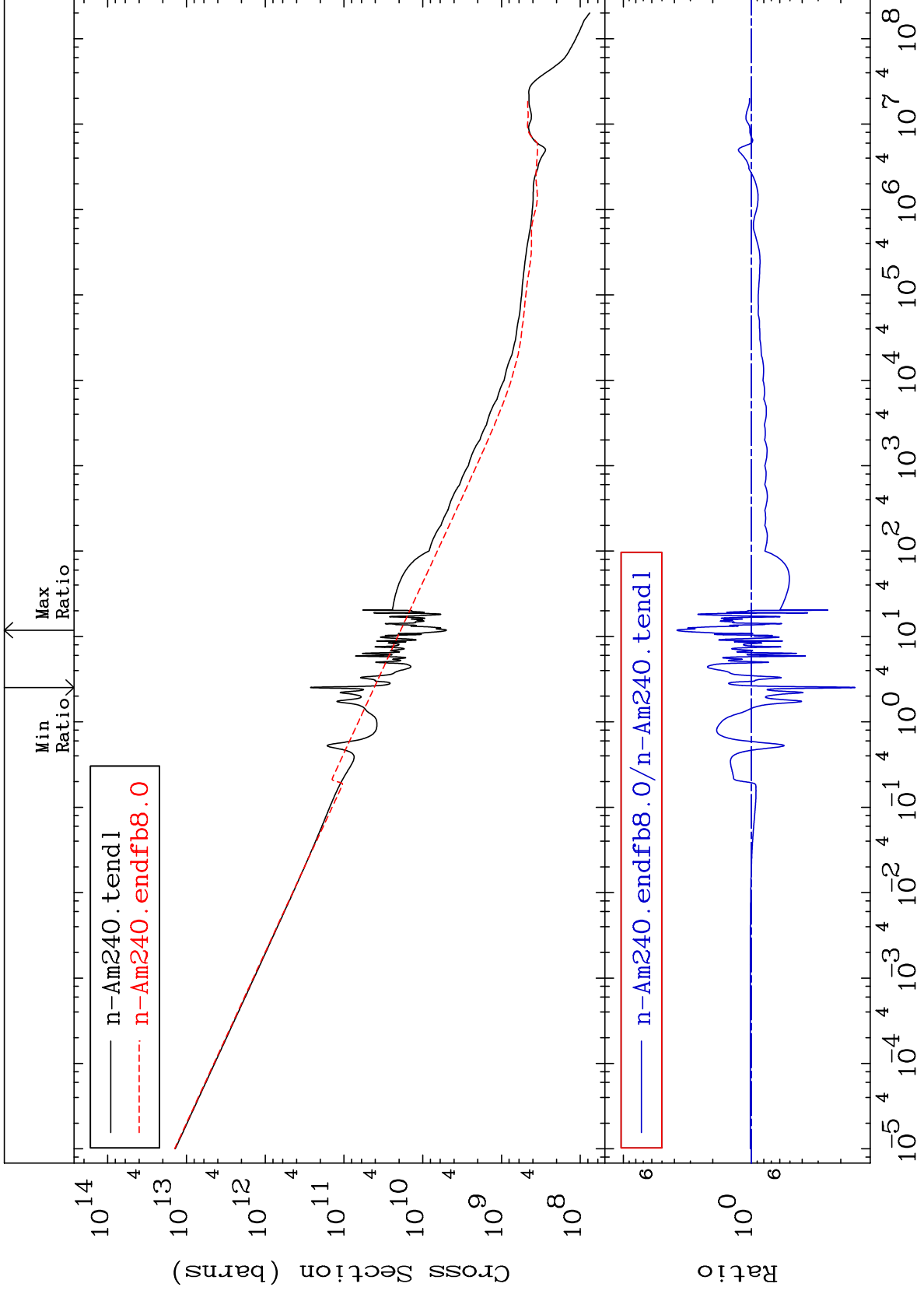
95-Am-240



MAT 9540

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

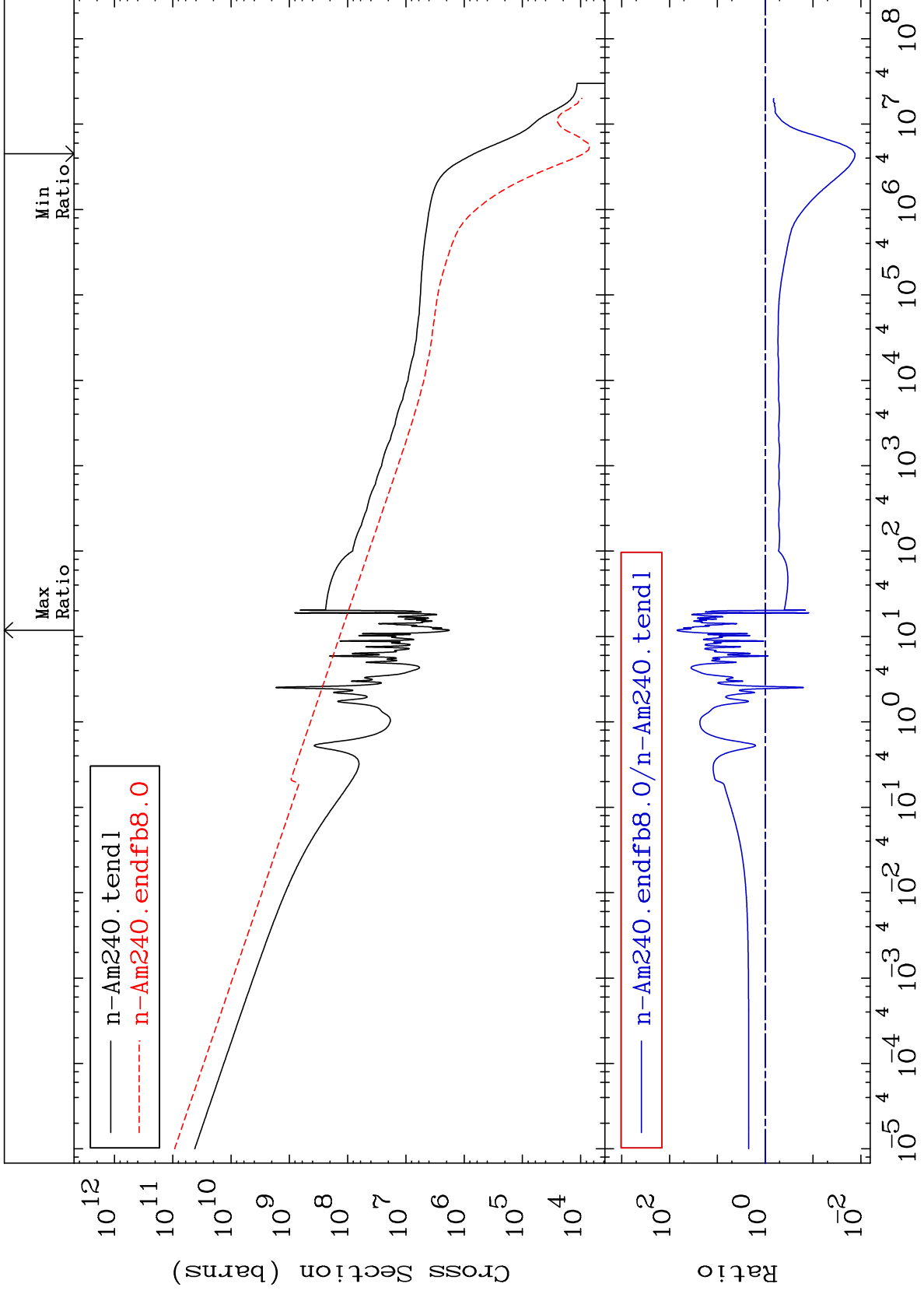
95-Am-240
-84.54 To 281.6 %

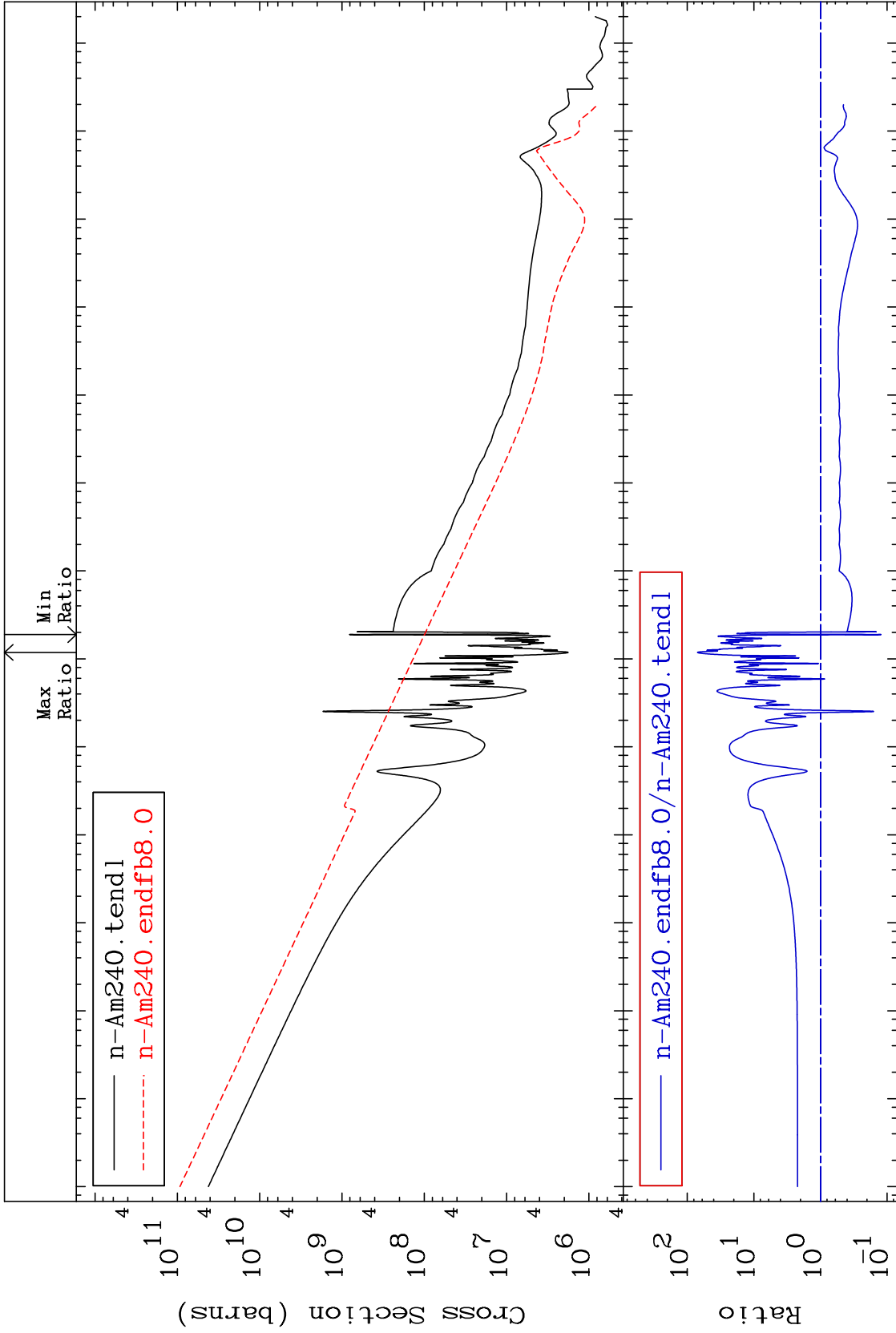


MAT 9540

Kerma capture (mt102)
Cross Section

95-Am-240
-98.68 To 6925. %

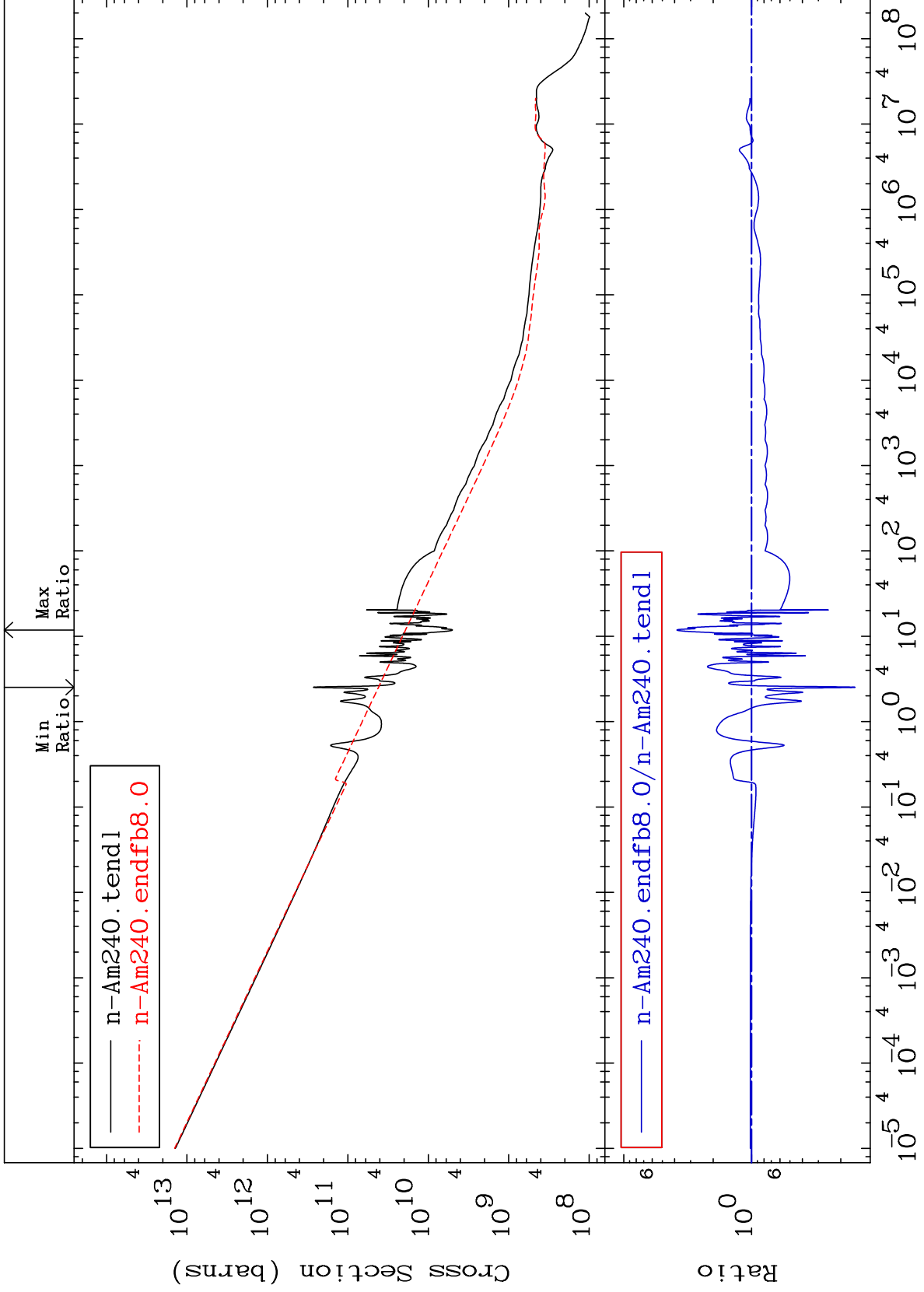




MAT 9540

Total kinematic kerma (high limit)
Cross Section

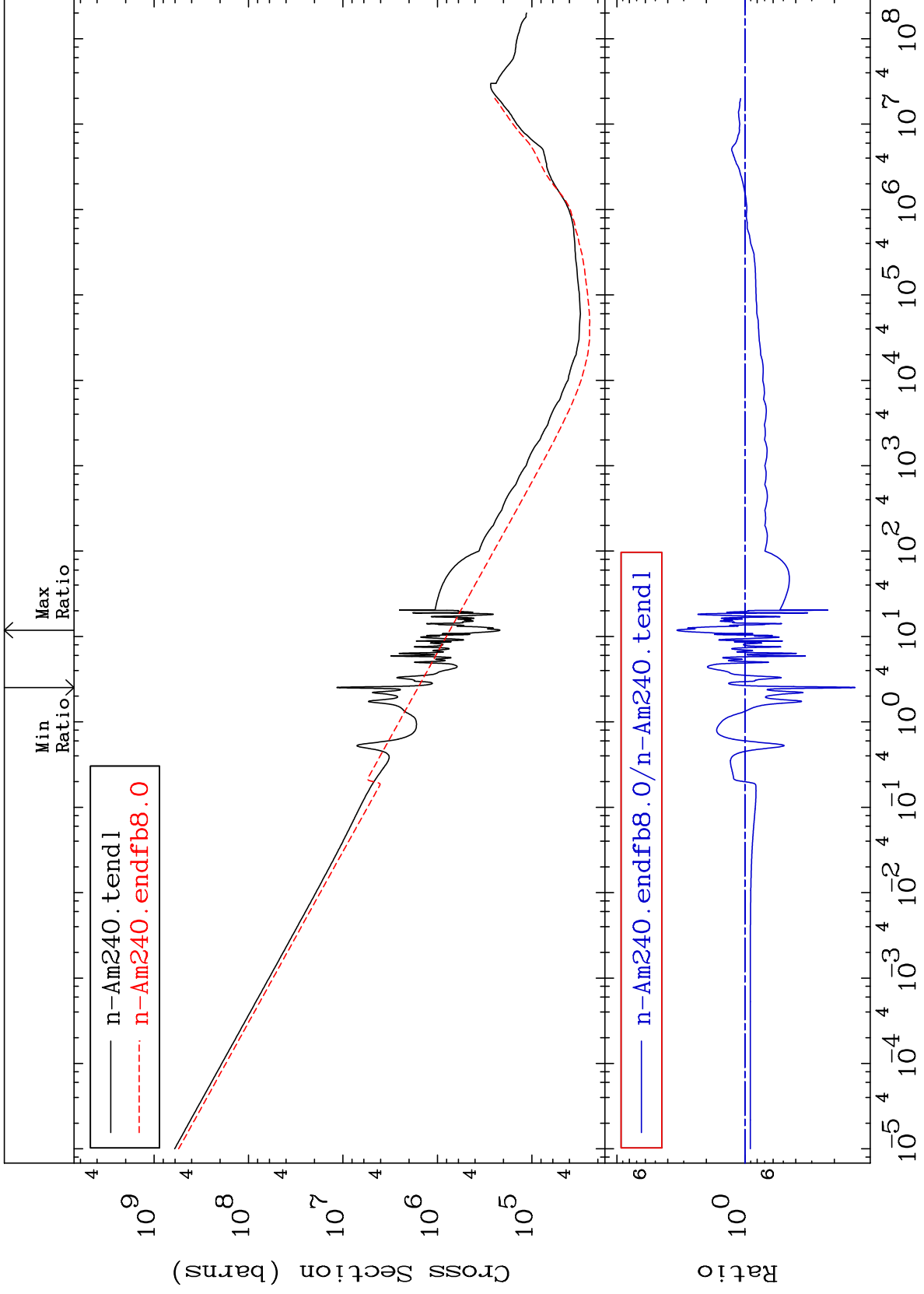
95-Am-240
-84.53 To 284.0 %



MAT 9540

Dpa total (eV-barns)
Cross Section

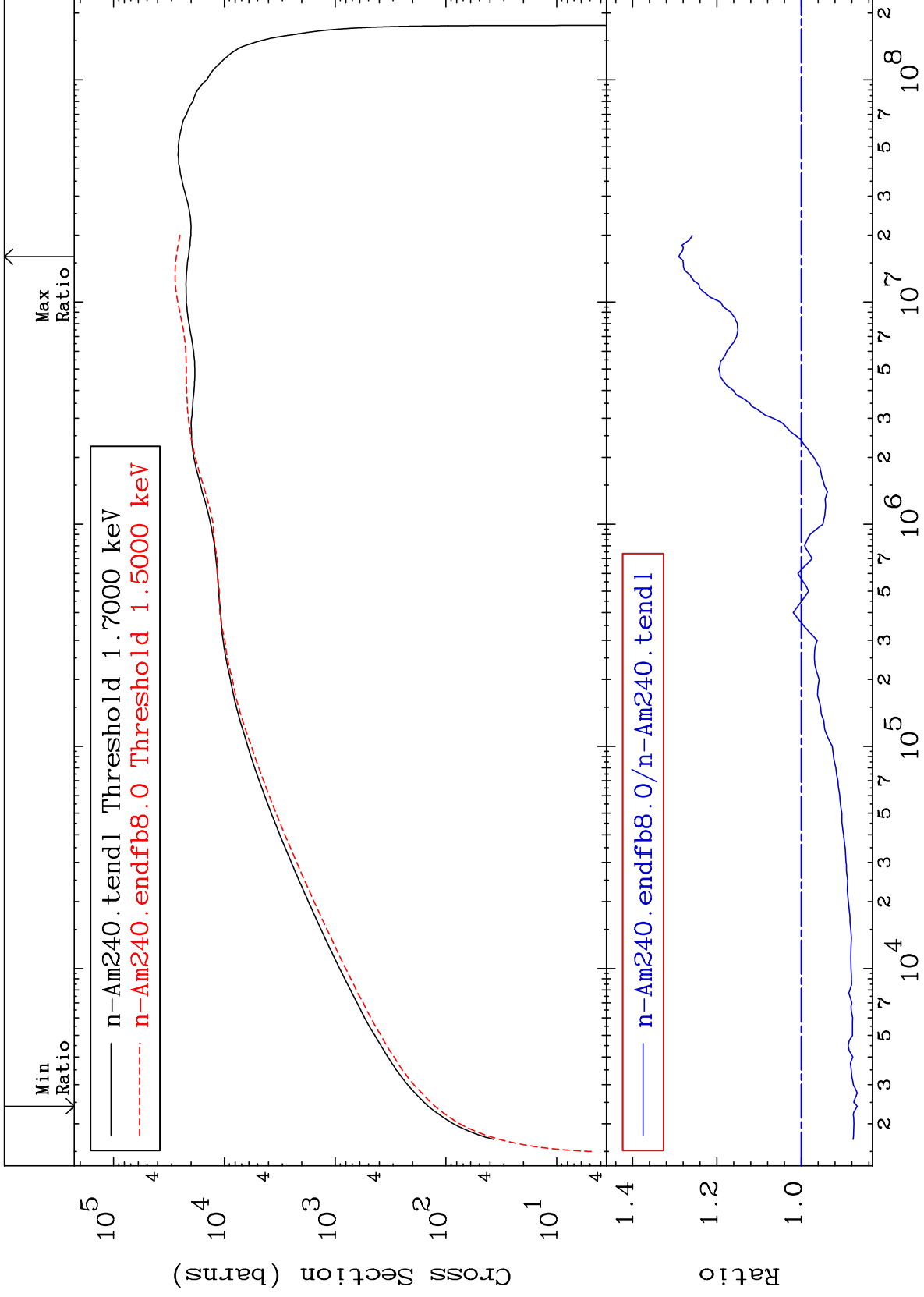
95-Am-240
-86.25 To 239.4 %



MAT 9540

Dpa elastic (mt2)
Cross Section

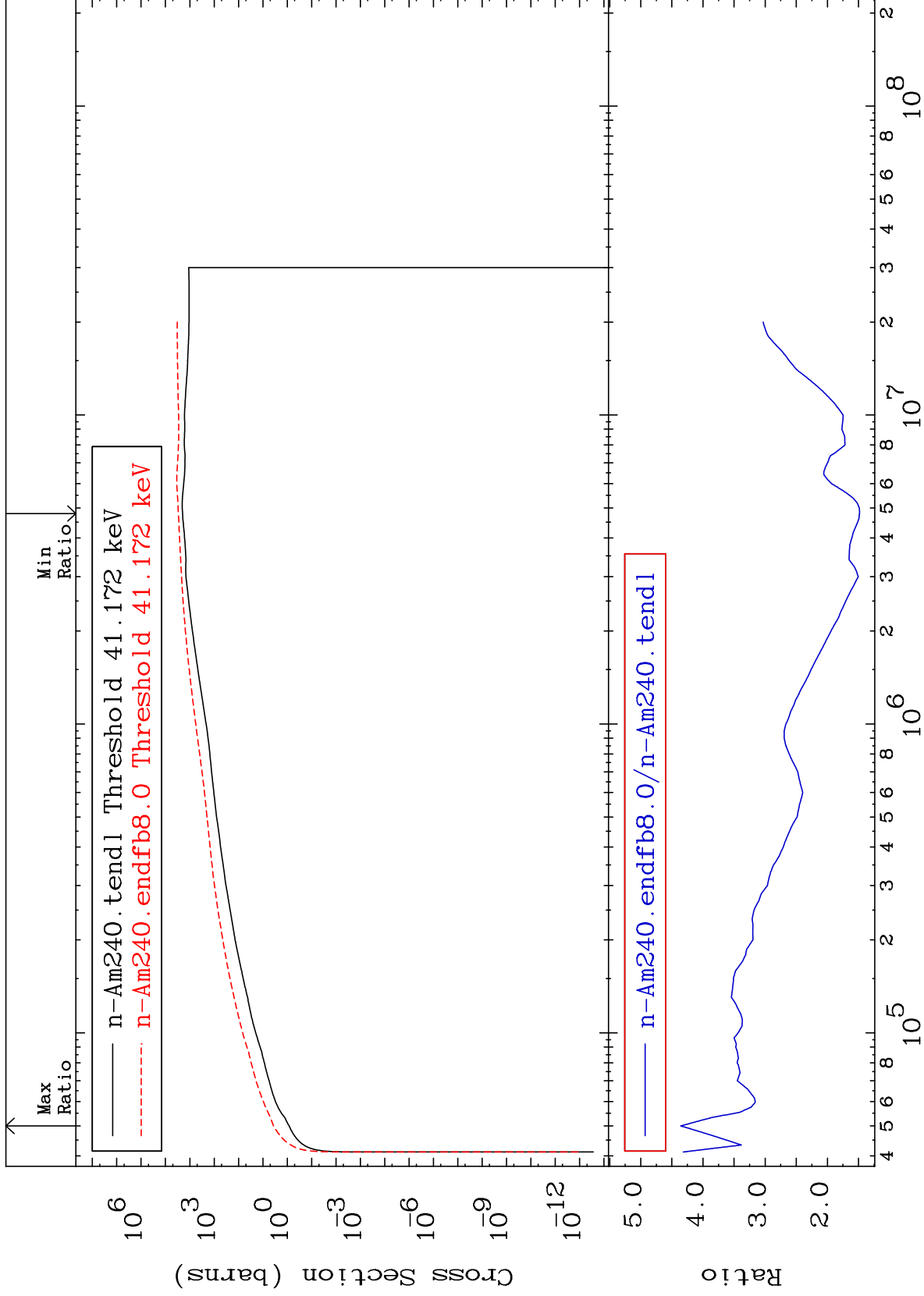
95-Am-240
-13.26 To 29.08 %



MAT 9540

Dpa inelastic (mt51-91)
Cross Section

95-Am-240
48.31 To 335.7 %



MAT 9540

Dpa disappearance (mt102 -120)
Cross Section

95-Am-240
-100.0 To 6477. %

