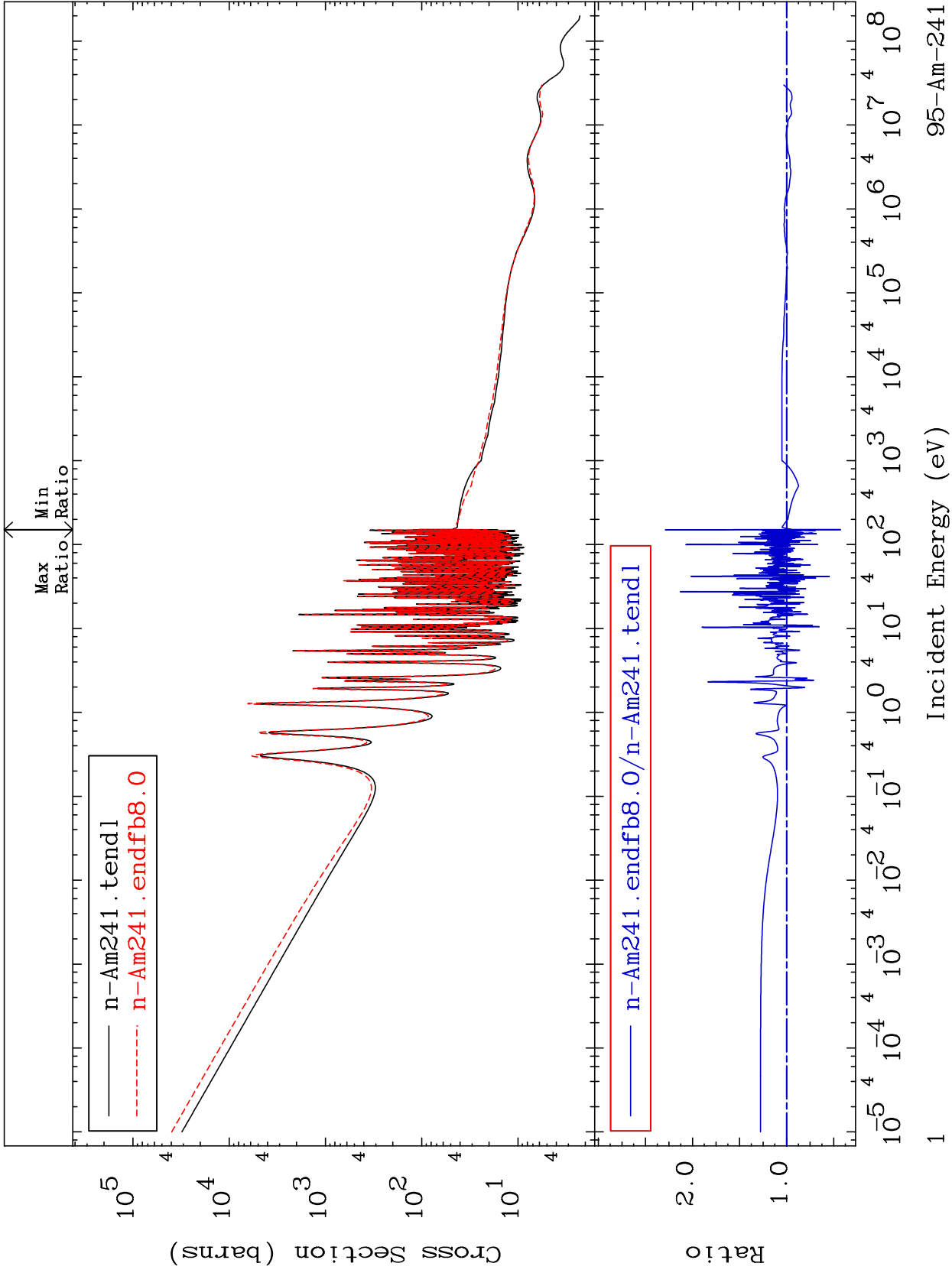


MAT 9543

Total
Cross Section

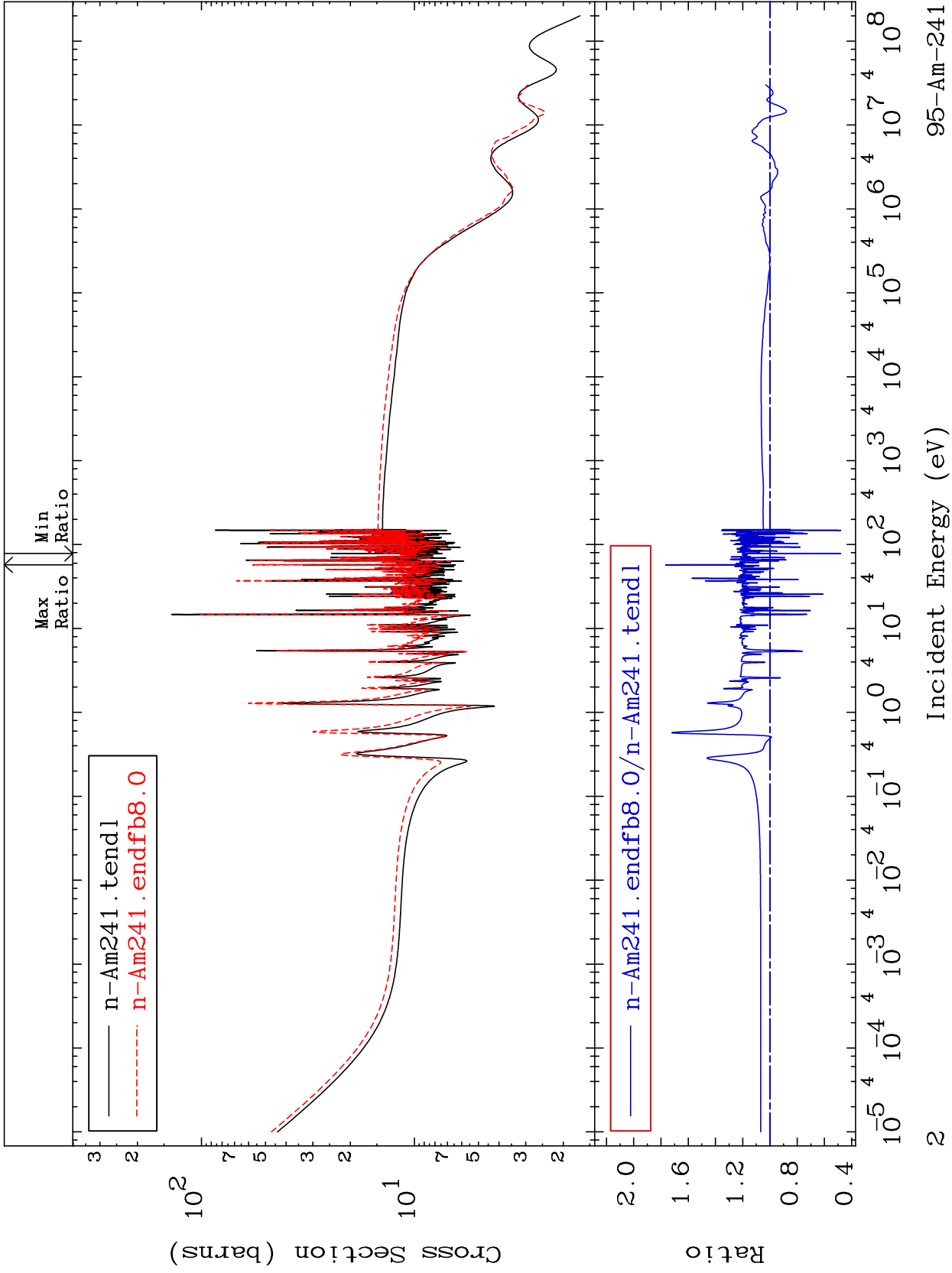
95-Am-241
-57.44 To 128.7 %



MAT 9543

Elastic
Cross Section

95-Am-241
-51.93 To 76.67 %

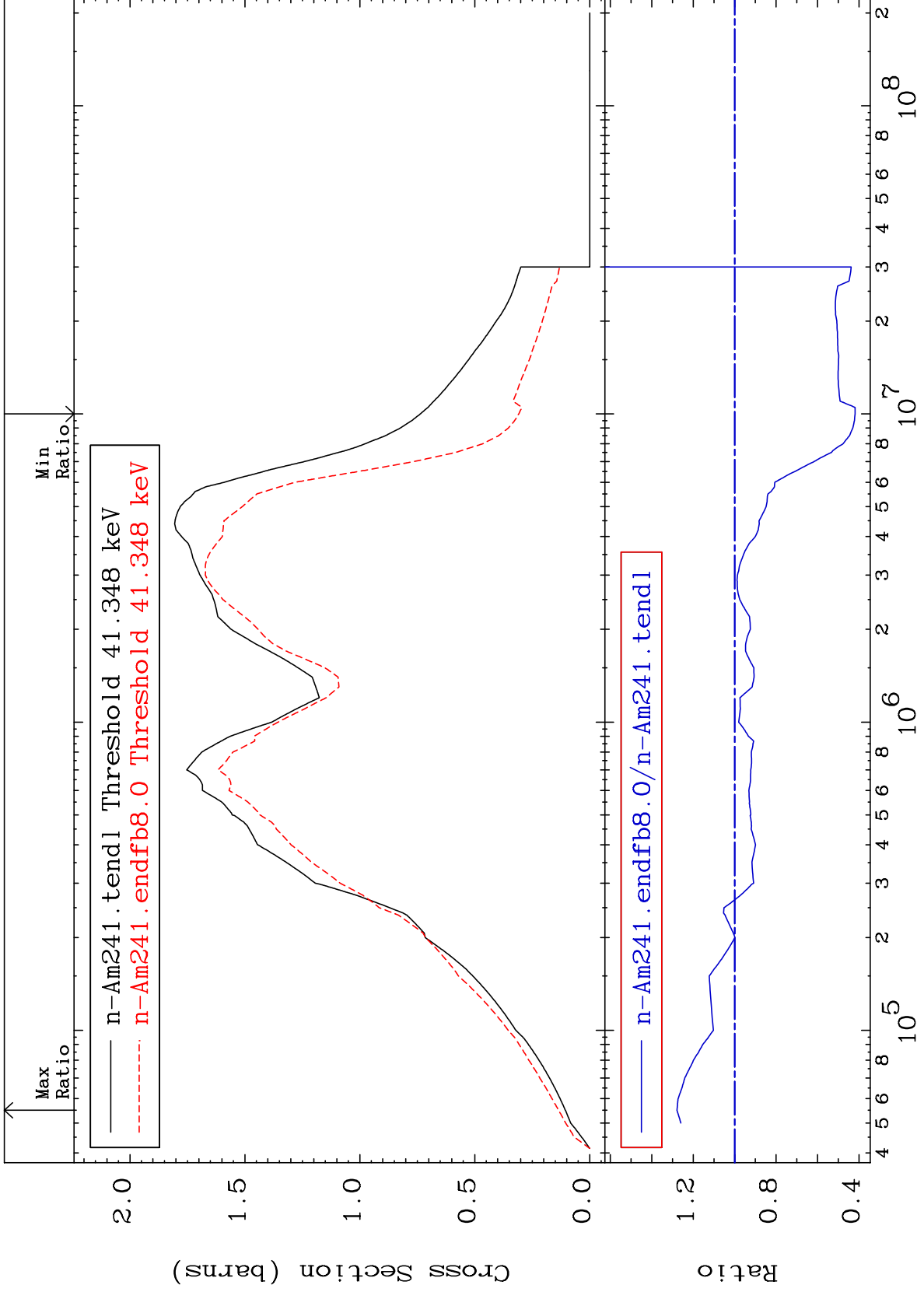


95-Am-241

MAT 9543

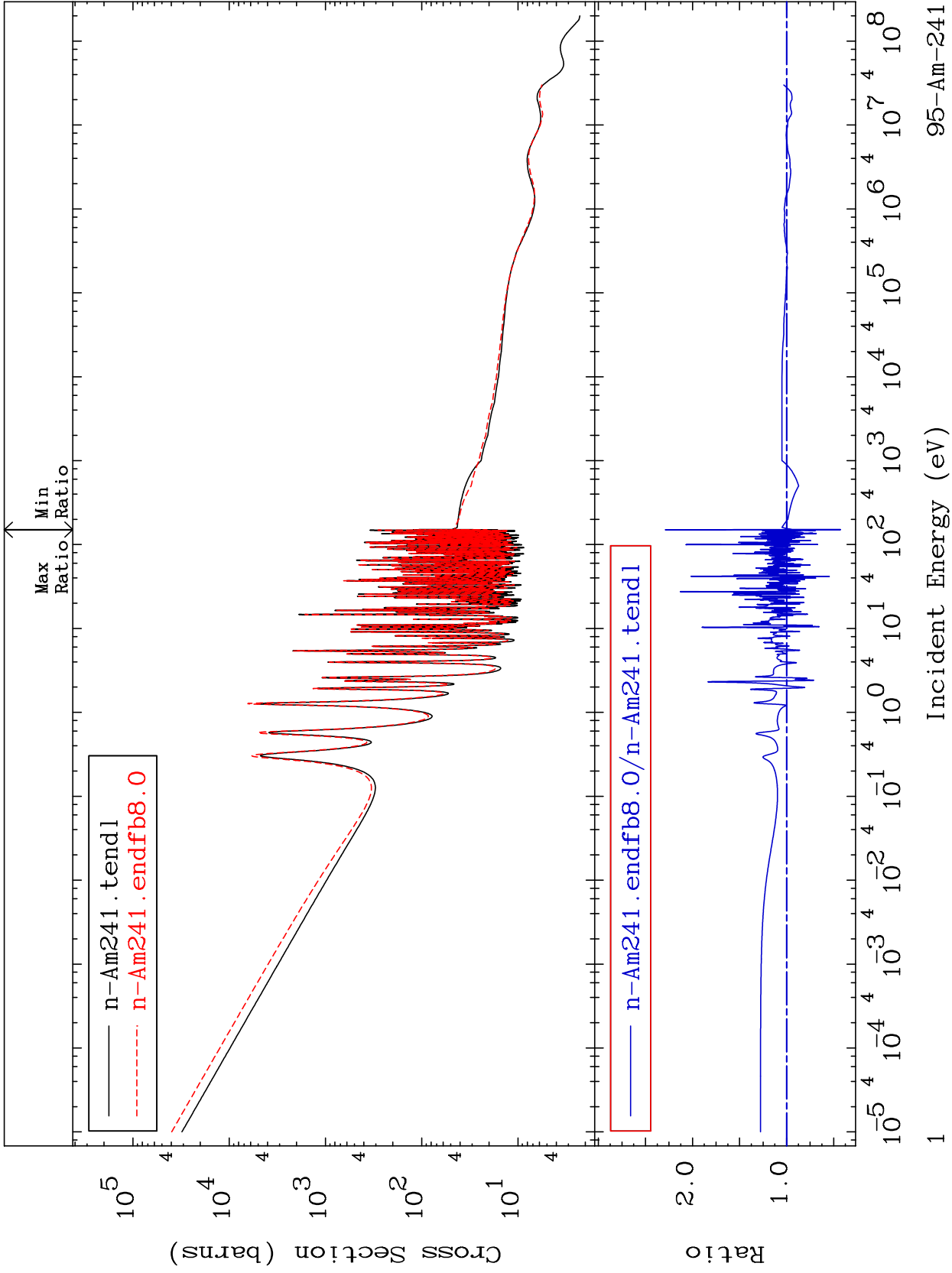
Inelastic
Cross Section

95-Am-241
-58.13 To 27.88 %



MAT 9543

Total Cross Section
95-Am-241
-57.44 To 128.7 %

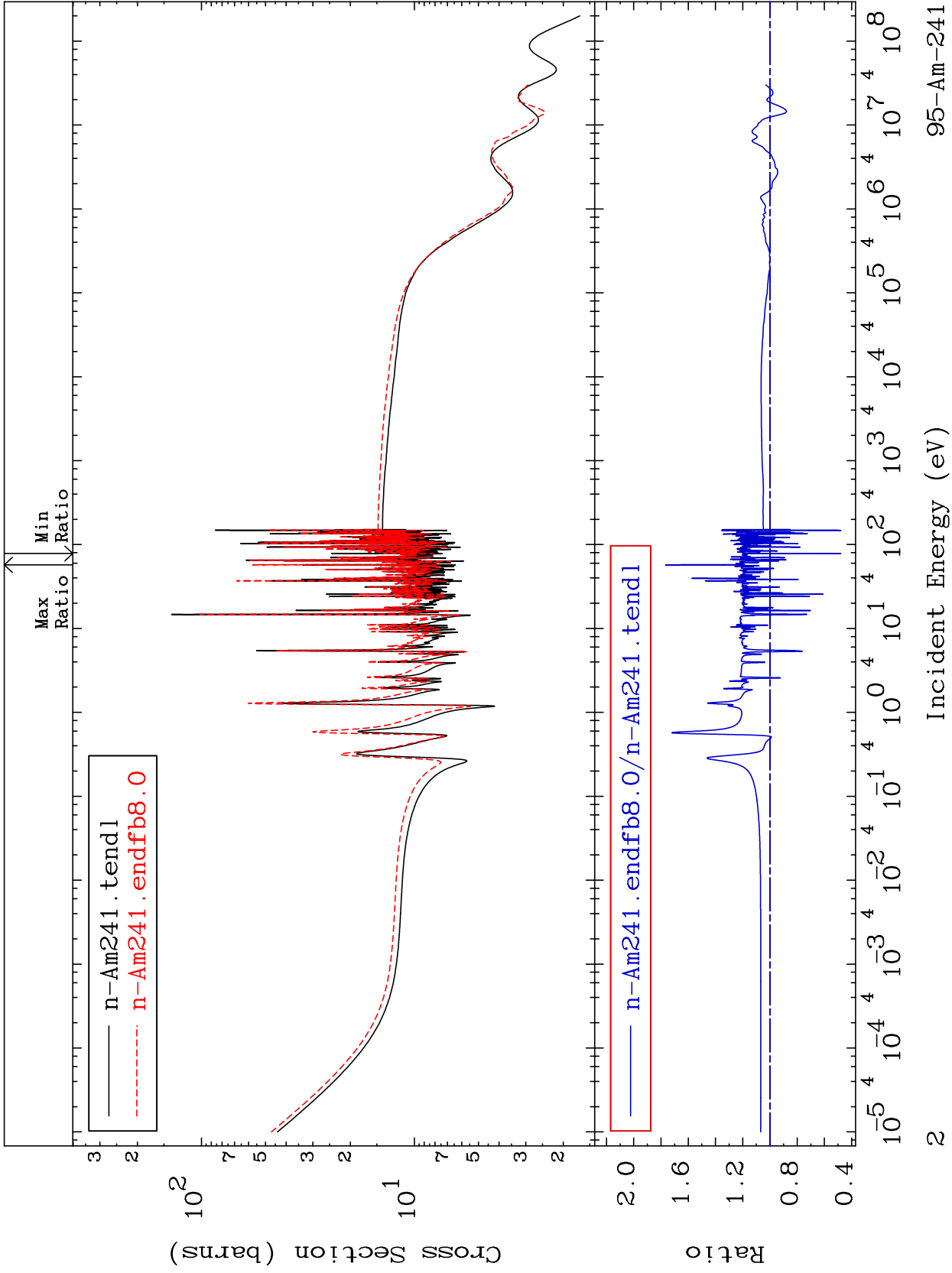


95-Am-241

MAT 9543

Elastic
Cross Section

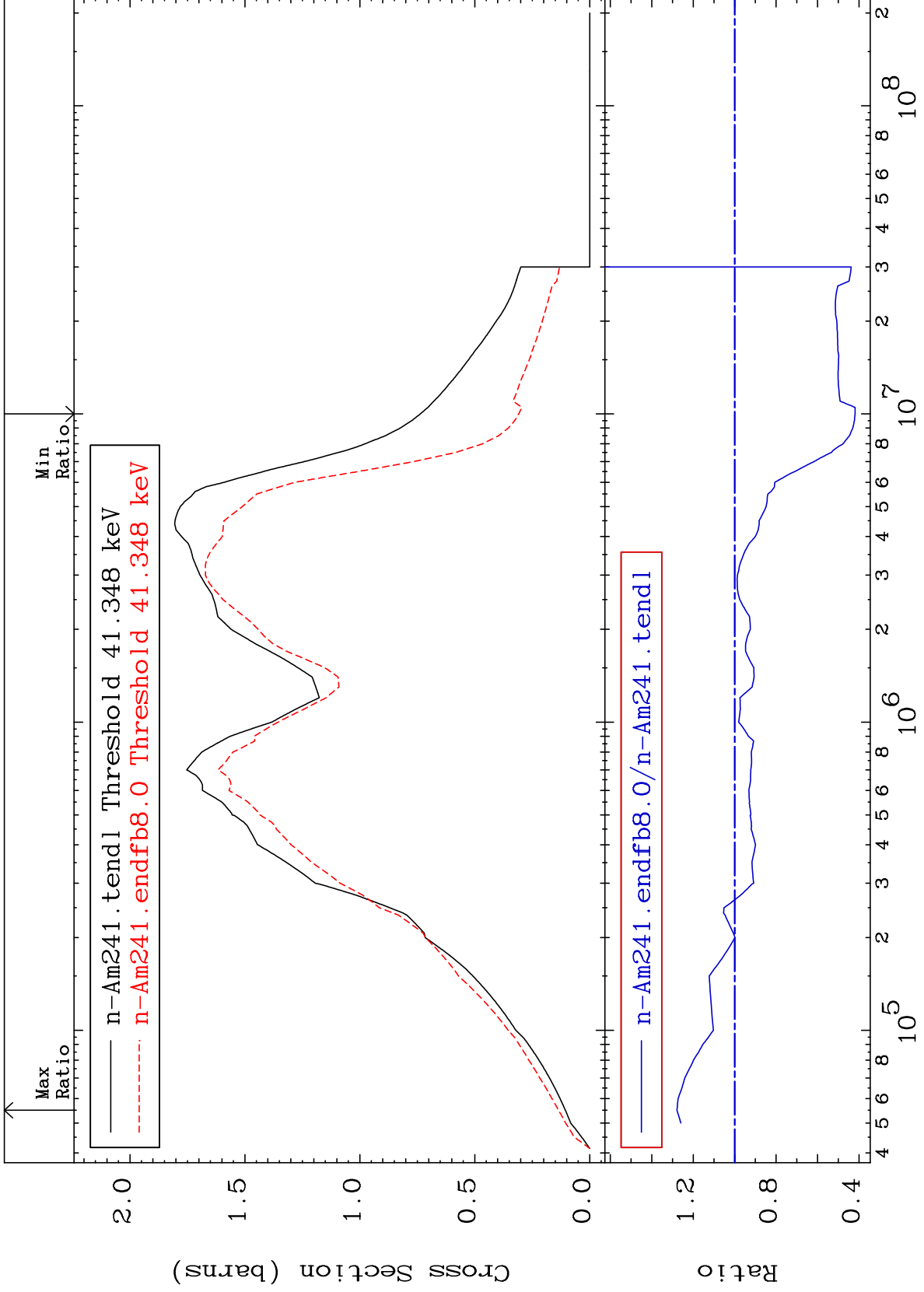
95-Am-241
-51.93 To 76.67 %



MAT 9543

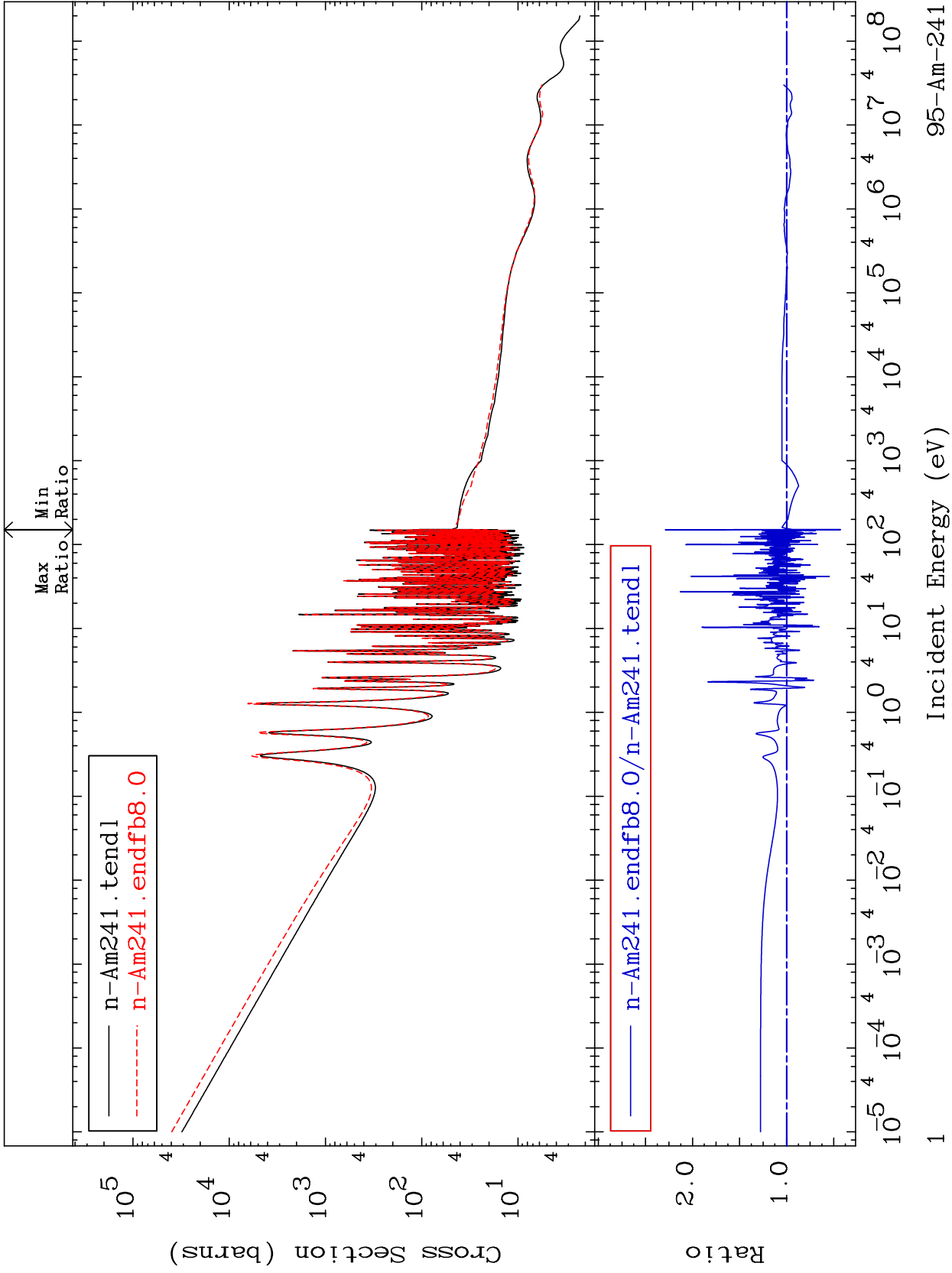
Inelastic
Cross Section

95-Am-241
-58.13 To 27.88 %



MAT 9543

Total Cross Section
95-Am-241
-57.44 To 128.7 %

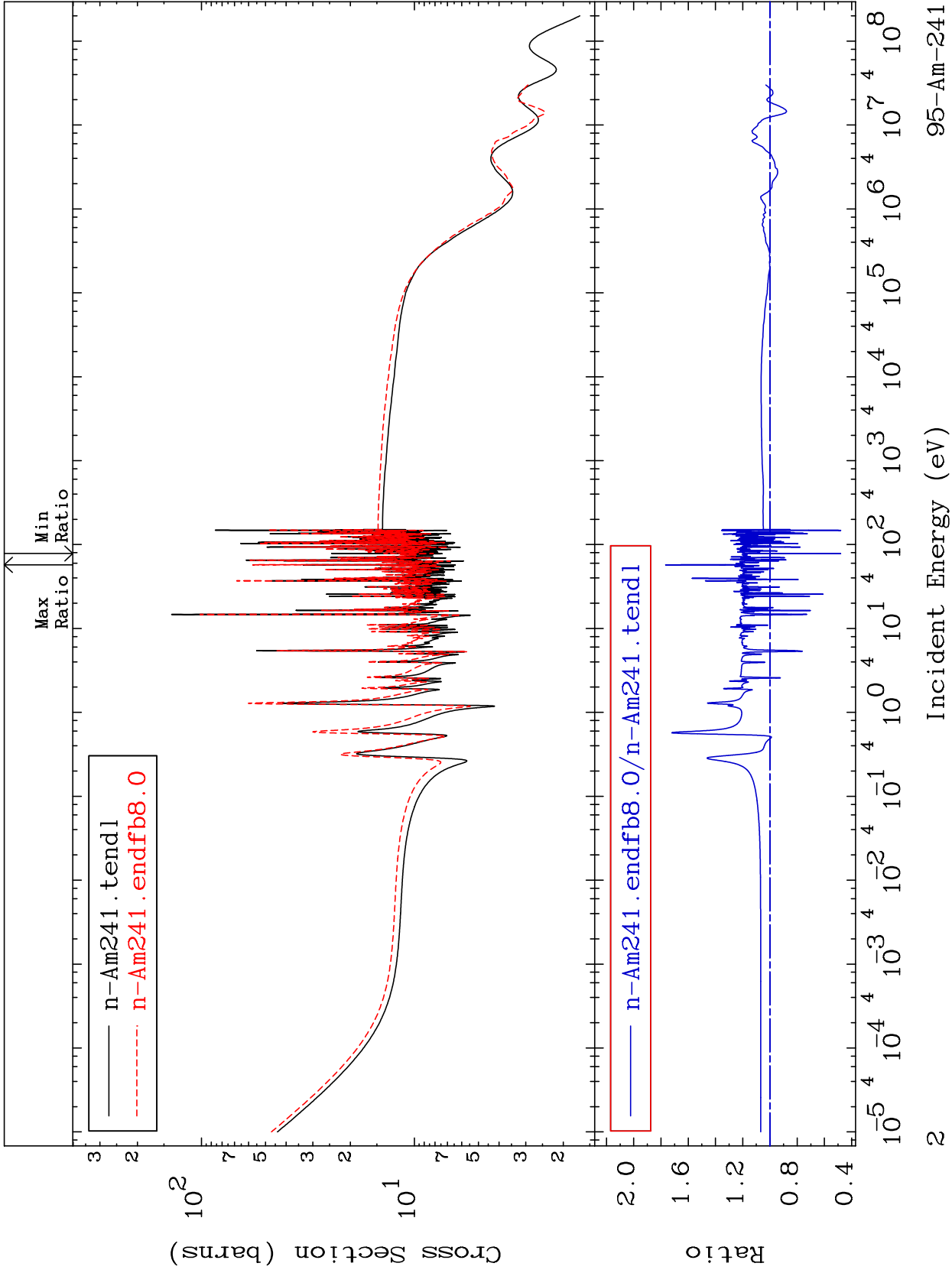


95-Am-241

MAT 9543

Elastic
Cross Section

95-Am-241
-51.93 To 76.67 %

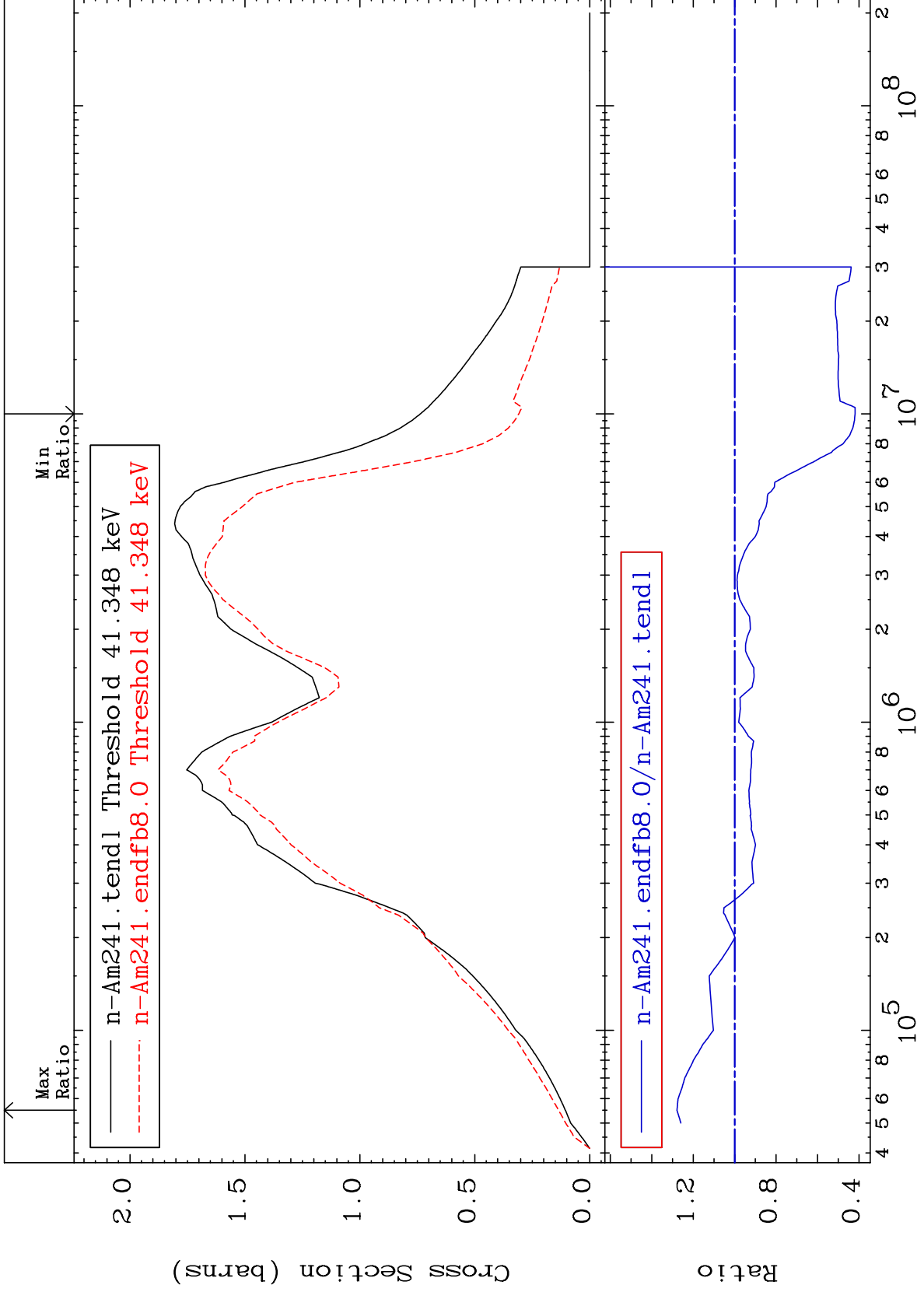


95-Am-241

MAT 9543

Inelastic
Cross Section

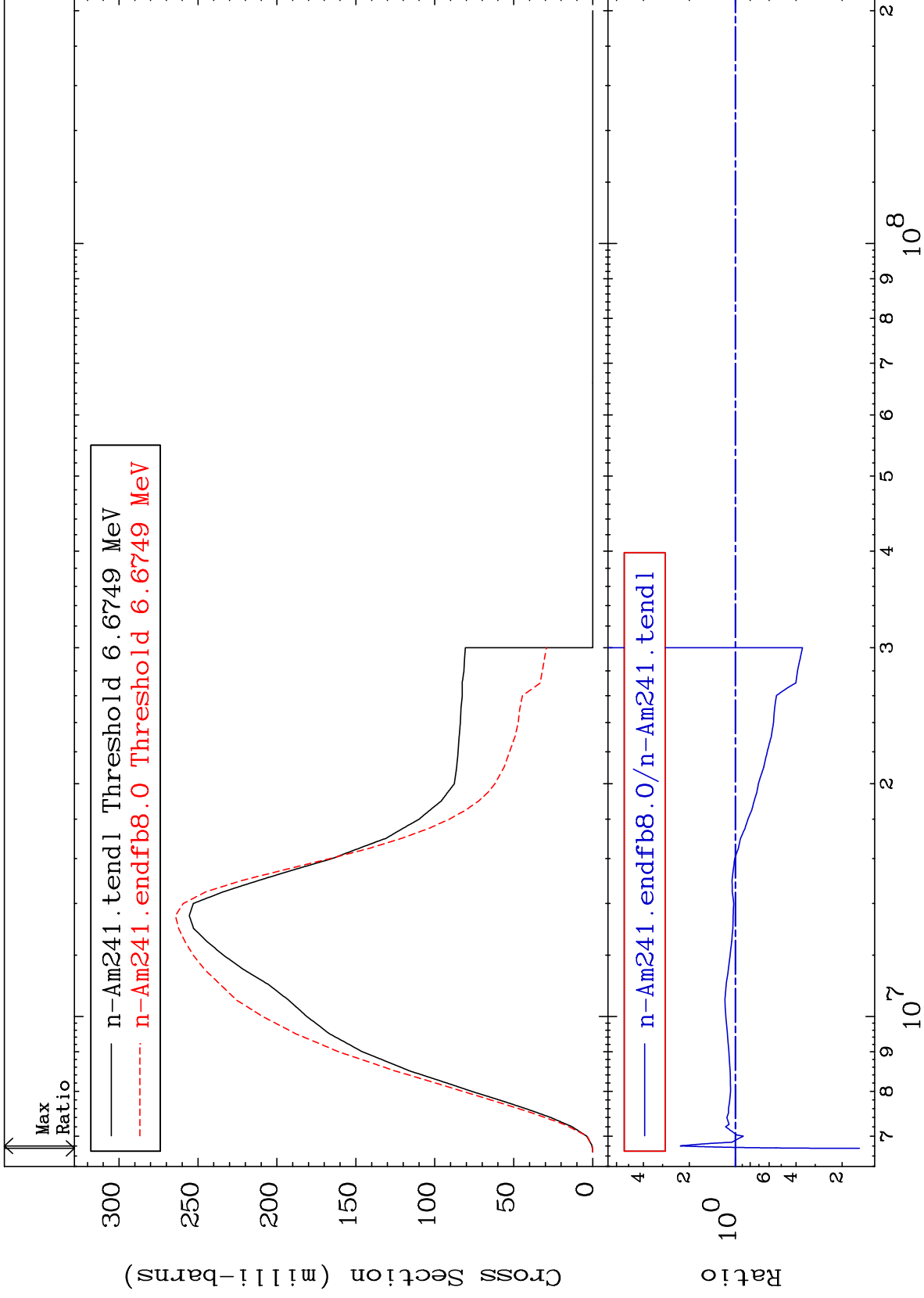
95-Am-241
-58.13 To 27.88 %



MAT 9543

(n,2n)
Cross Section

95-Am-241
-84.62 To 129.1 %



4

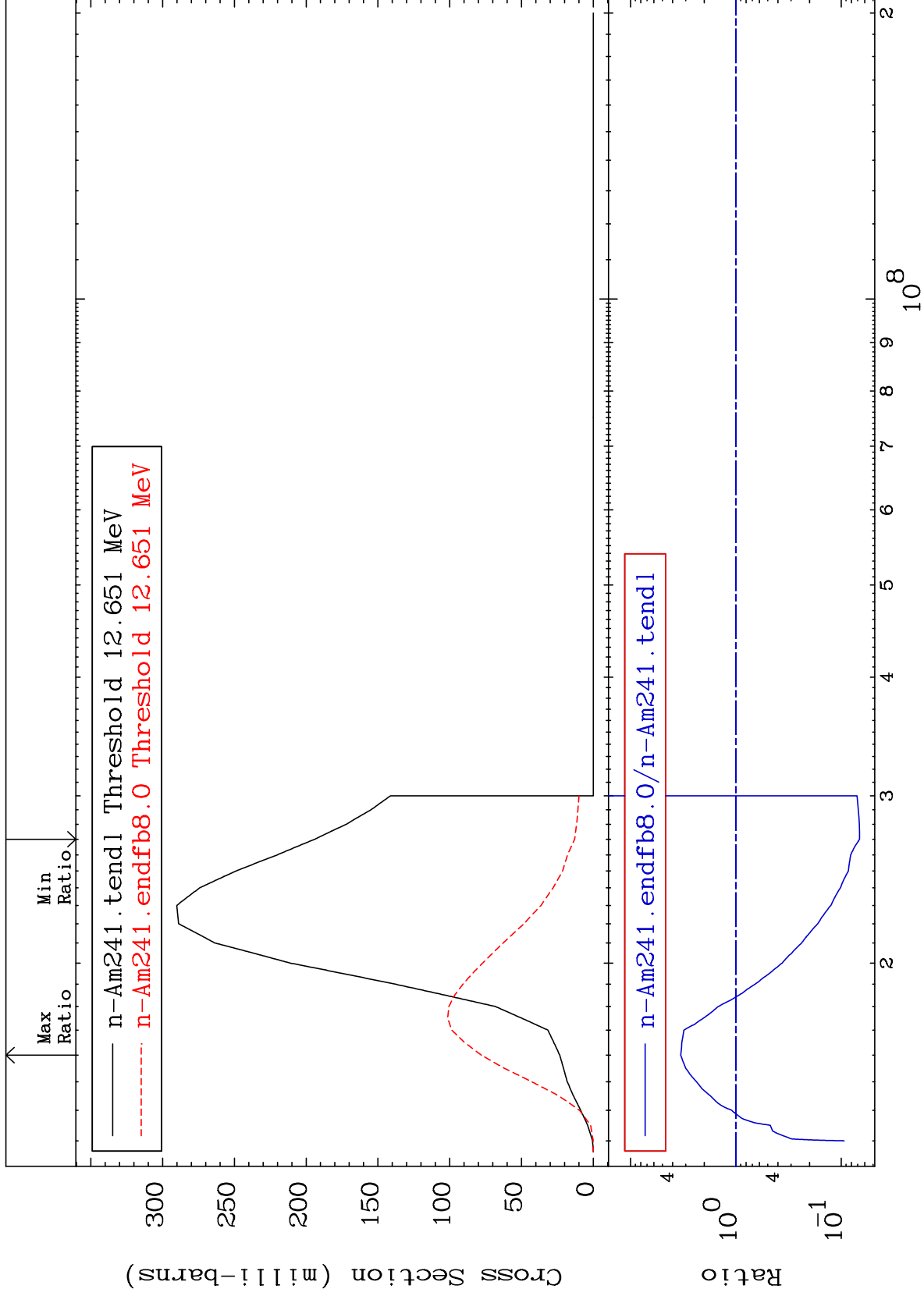
Incident Energy (eV)

95-Am-241

MAT 9543

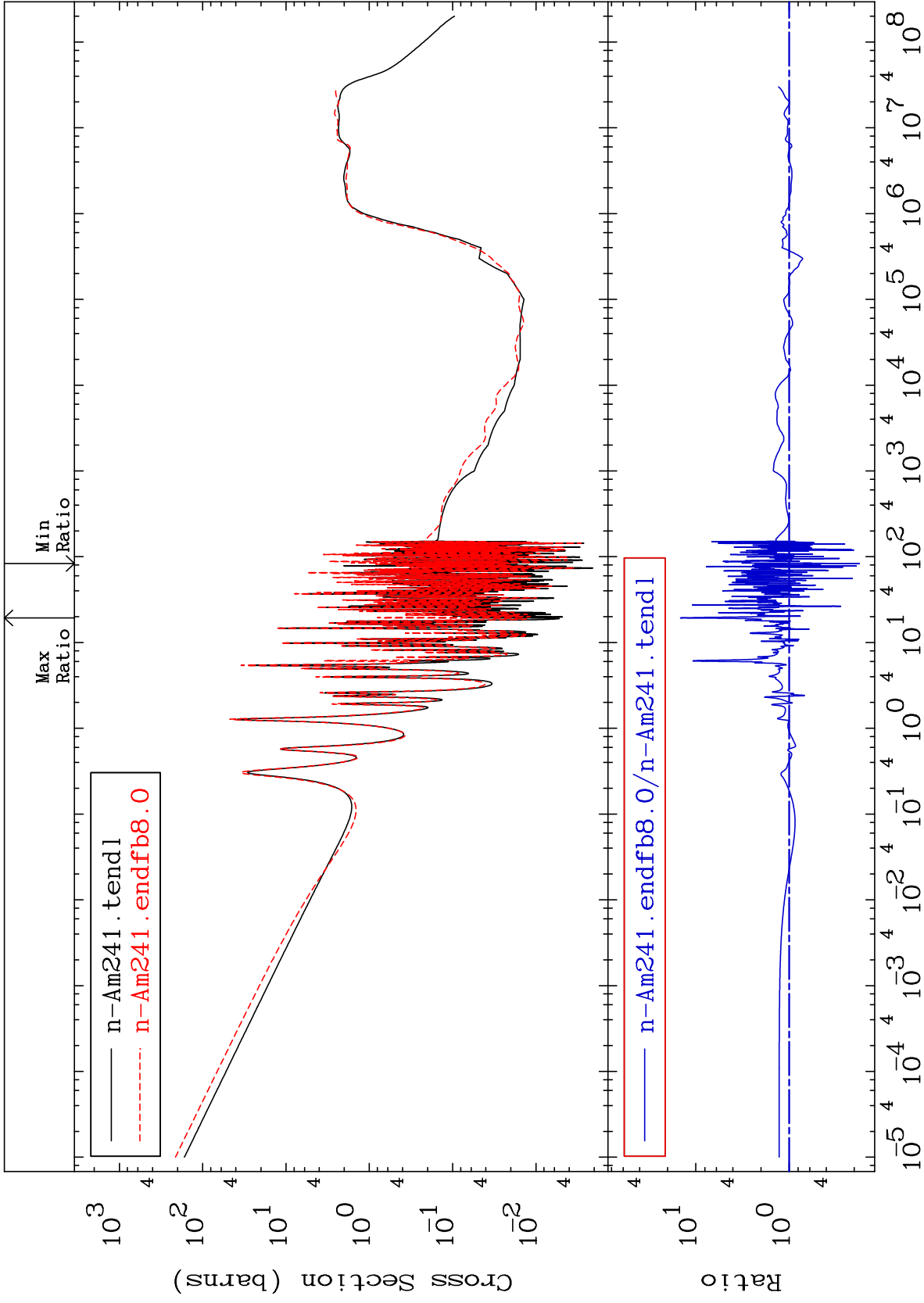
(n,3n)
Cross Section

95-Am-241
-93.29 To 234.0 %



MAT 9543

Fission Cross Section 95-Am-241
-82.37 To 1363. %



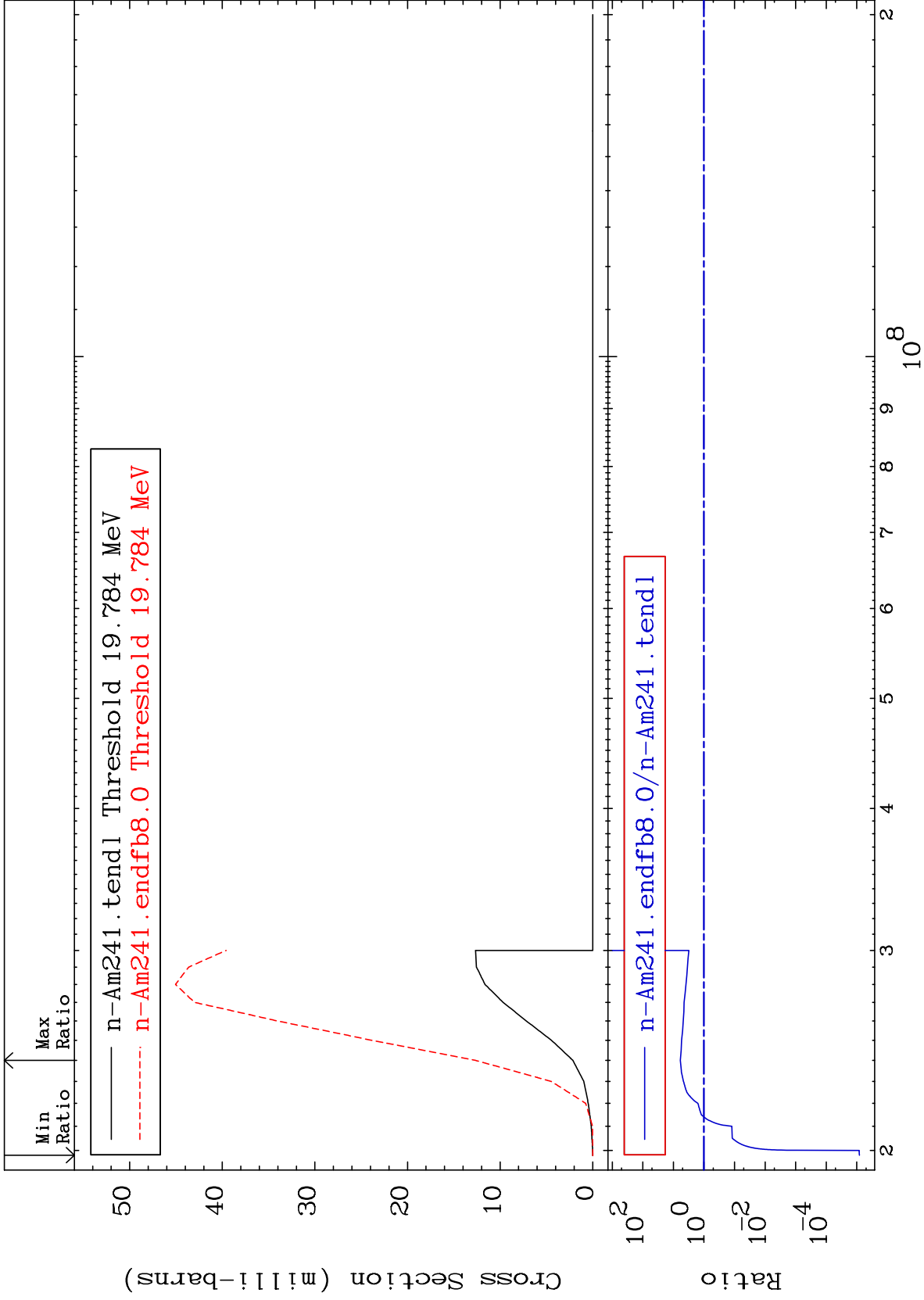
MAT 9543

(n,4n)

95-Am-241

Cross Section

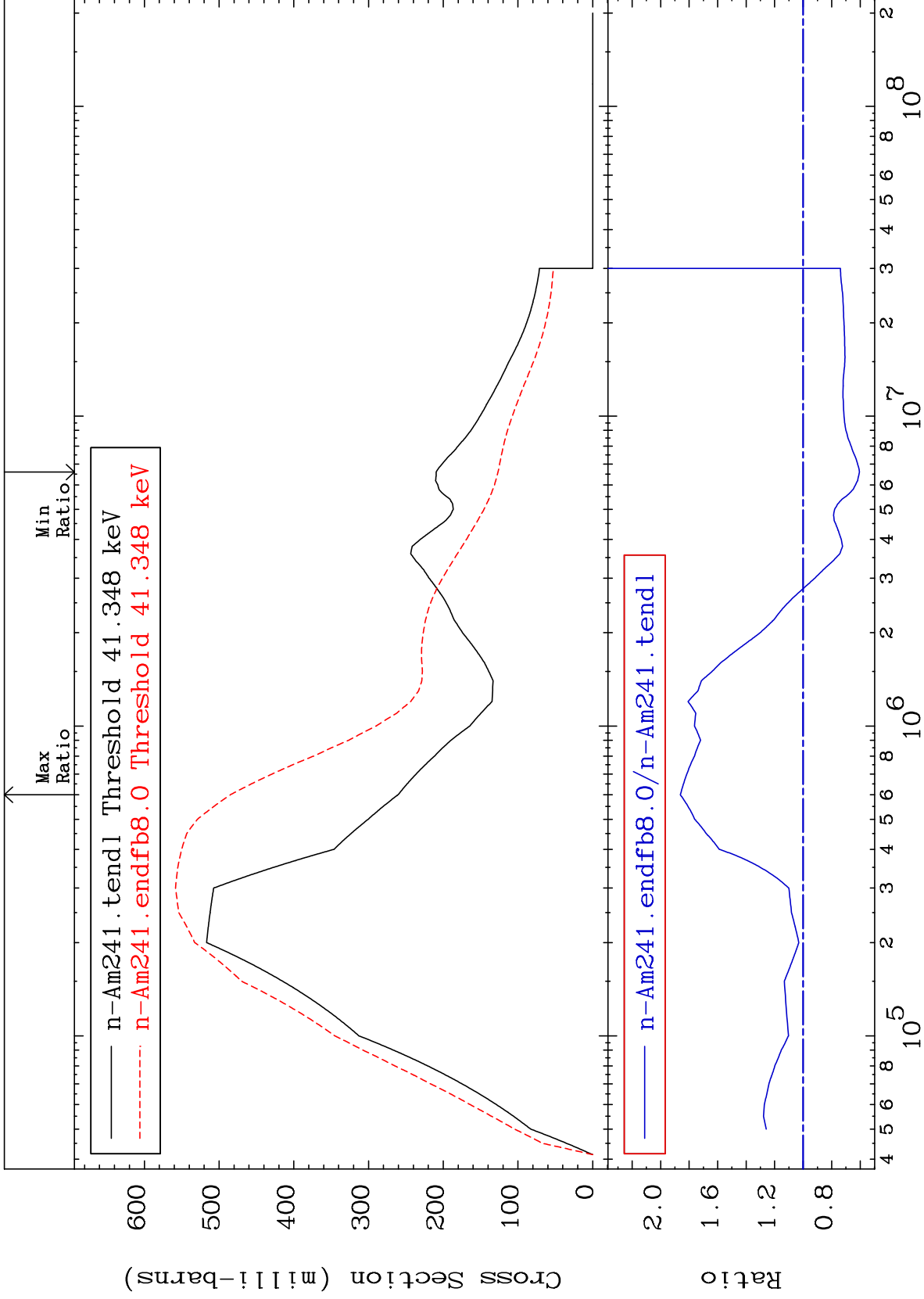
-100.0 To 491.4 %



MAT 9543

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

95-Am-241
-39.48 To 86.17 %



8

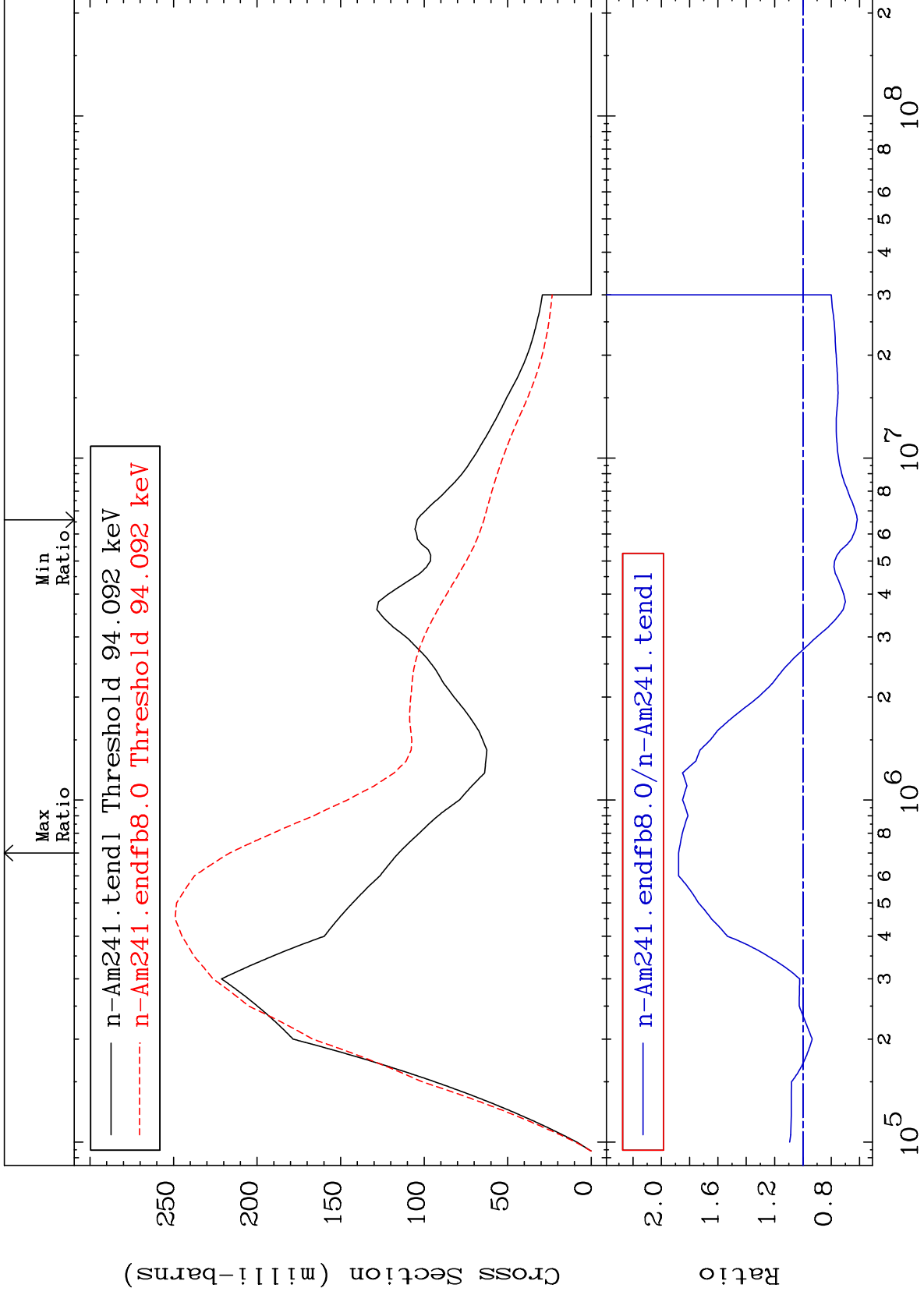
Incident Energy (eV)

95-Am-241

MAT 9543

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

95-Am-241
-38.38 To 87.76 %



9

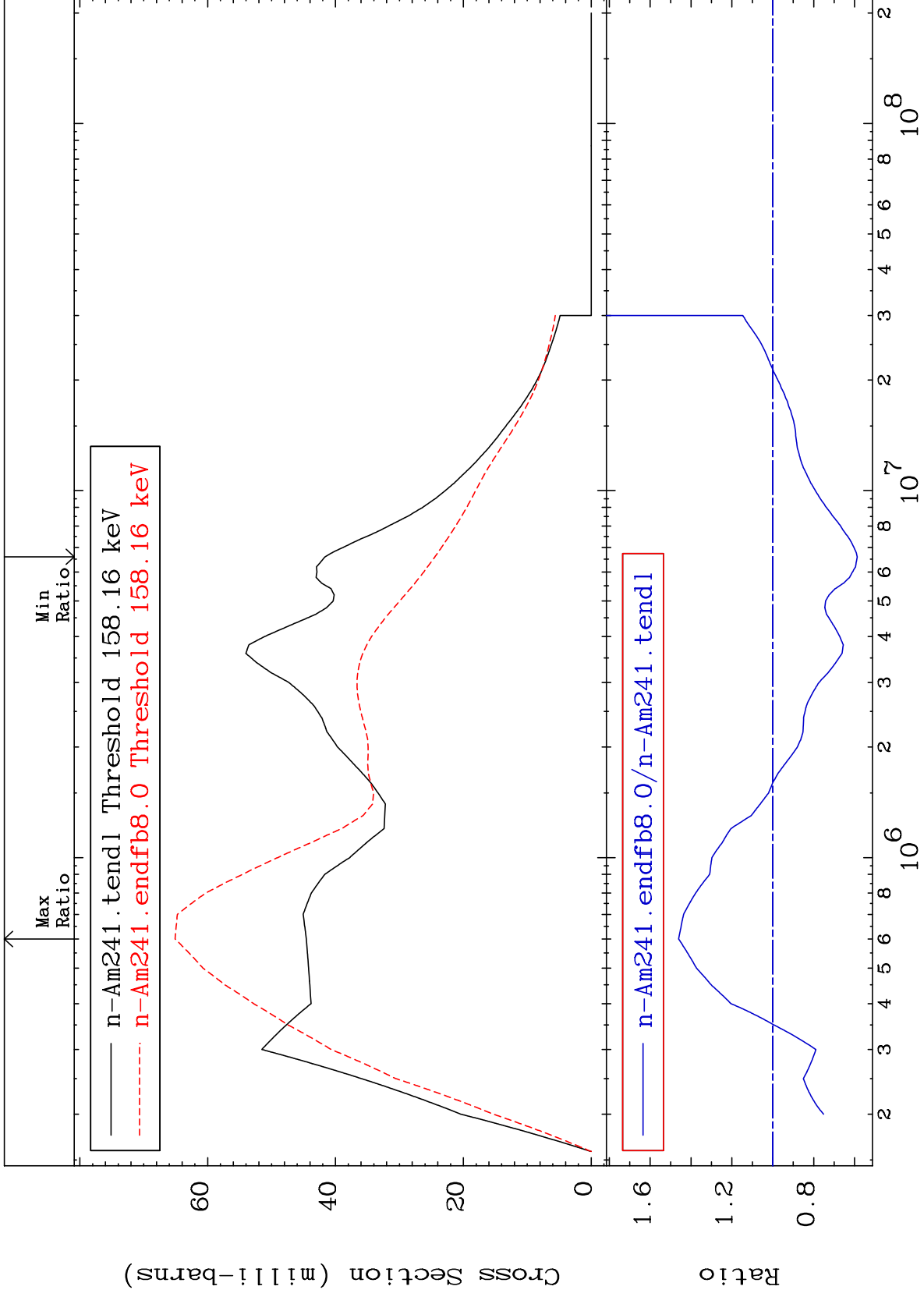
Incident Energy (eV)

95-Am-241

MAT 9543

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

95-Am-241
-41.31 To 46.06 %



10

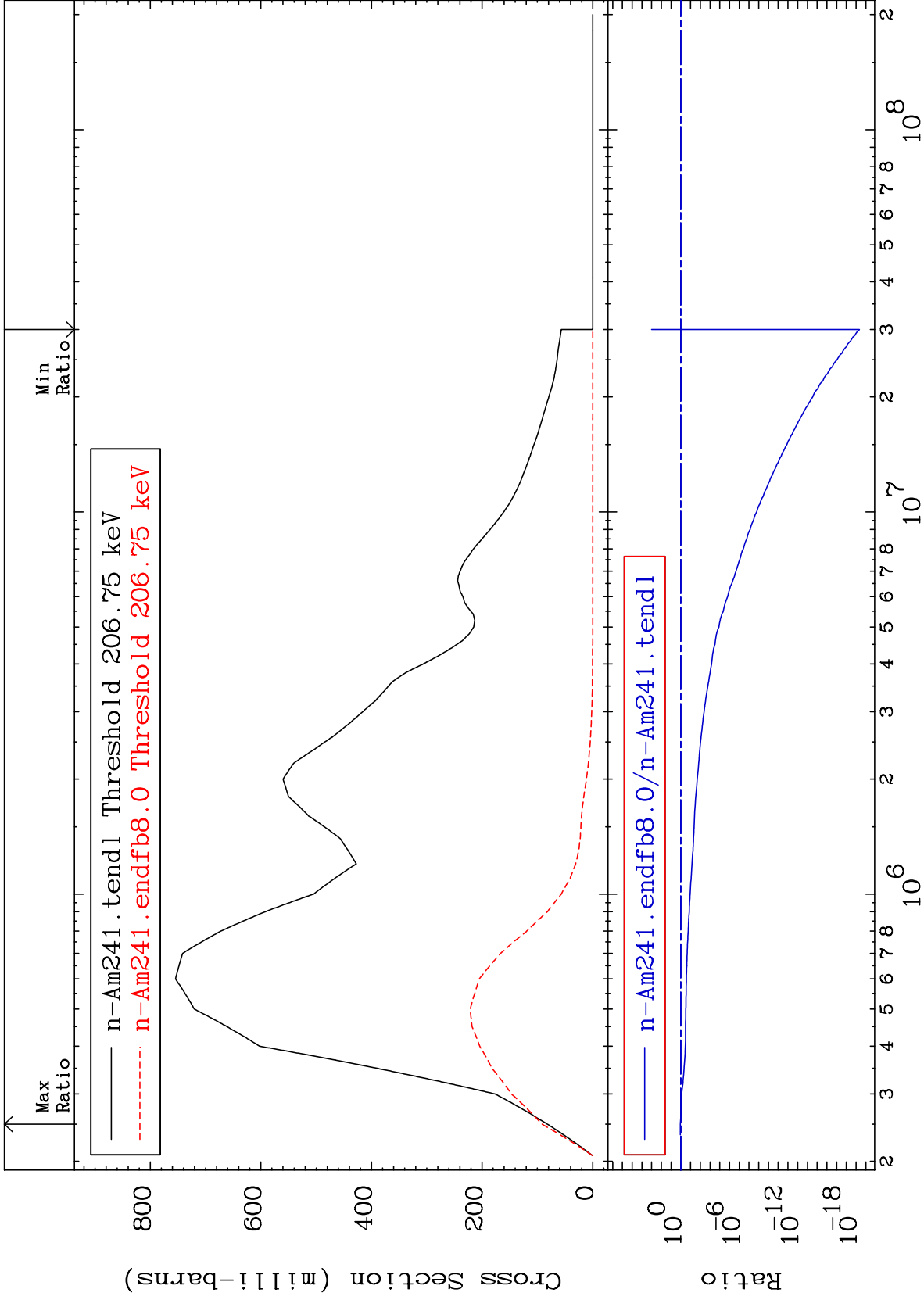
Incident Energy (eV)

95-Am-241

MAT 9543

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

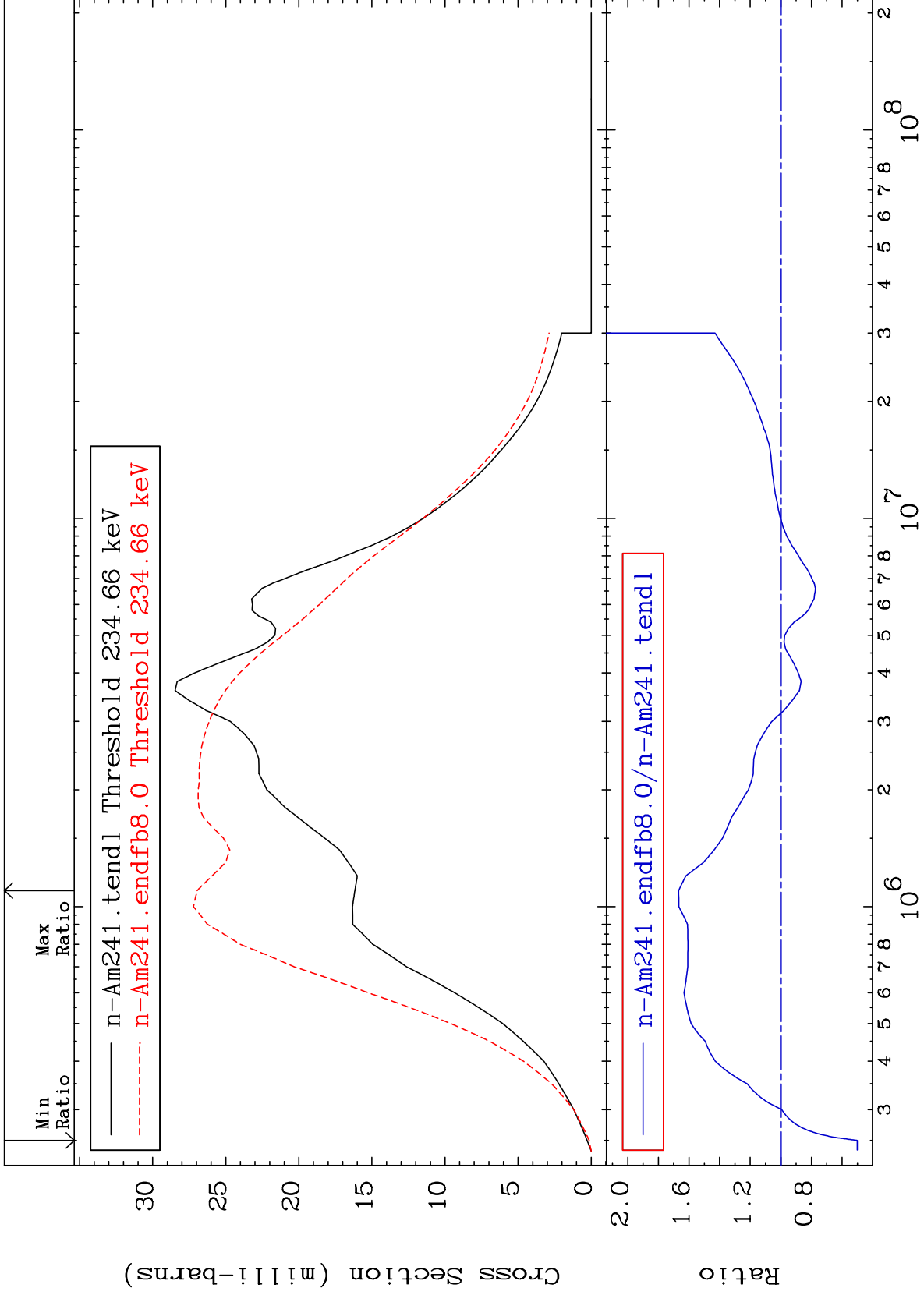
95-Am-241
-100.0 To 11.75 %



MAT 9543

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

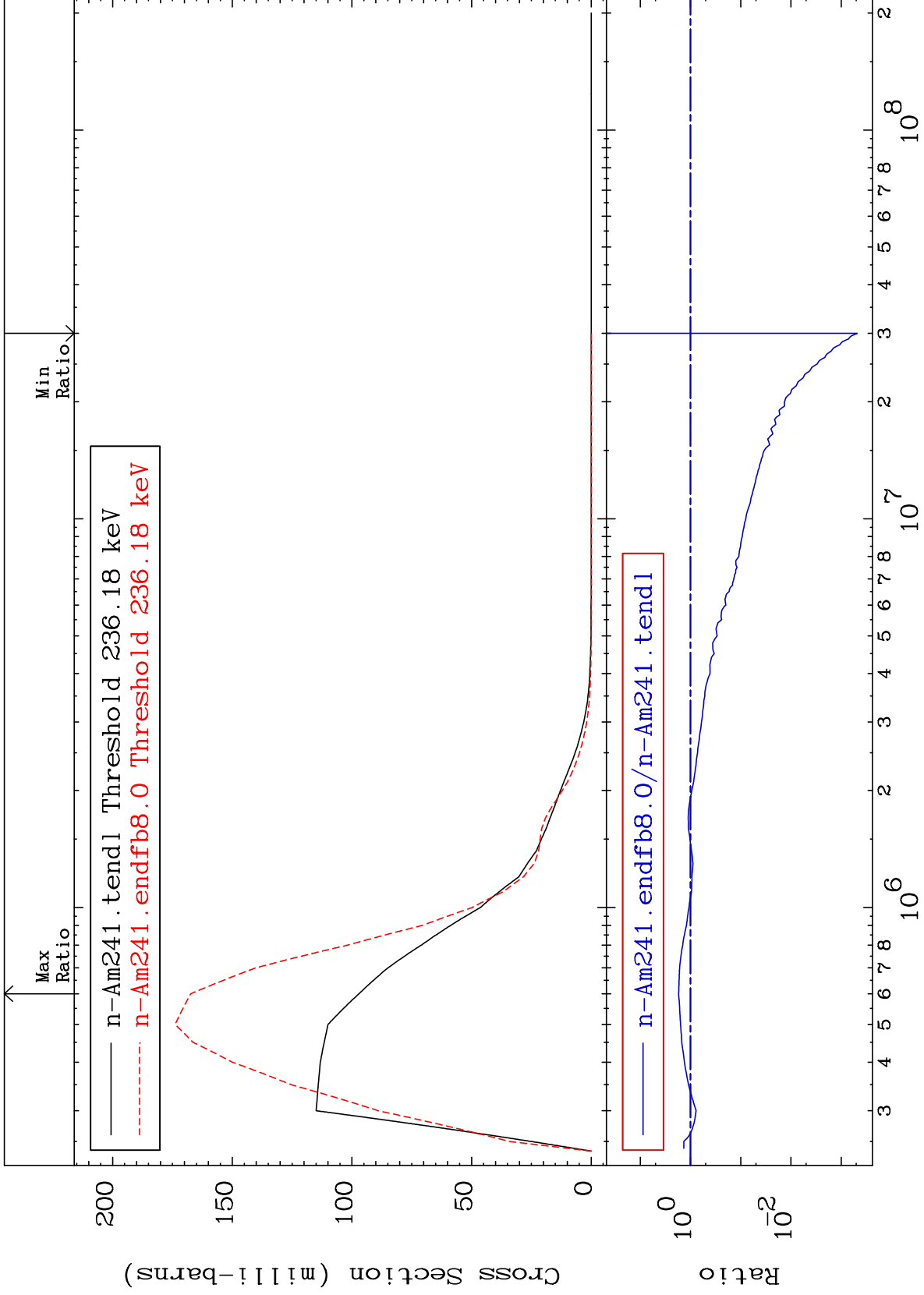
95-Am-241
-49.92 To 66.75 %



MAT 9543

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

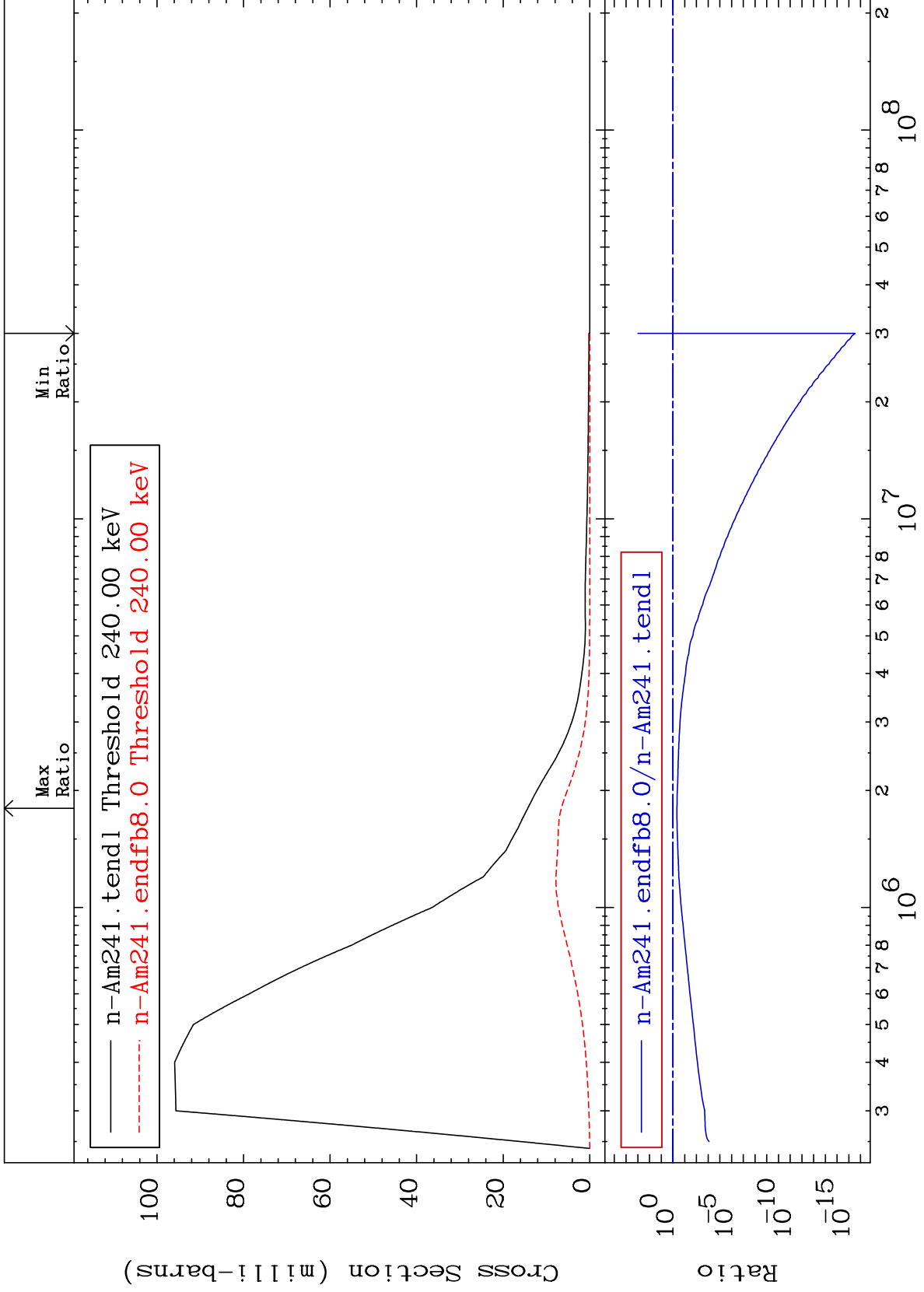
95-Am-241
-99.95 To 72.48 %



MAT 9543

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

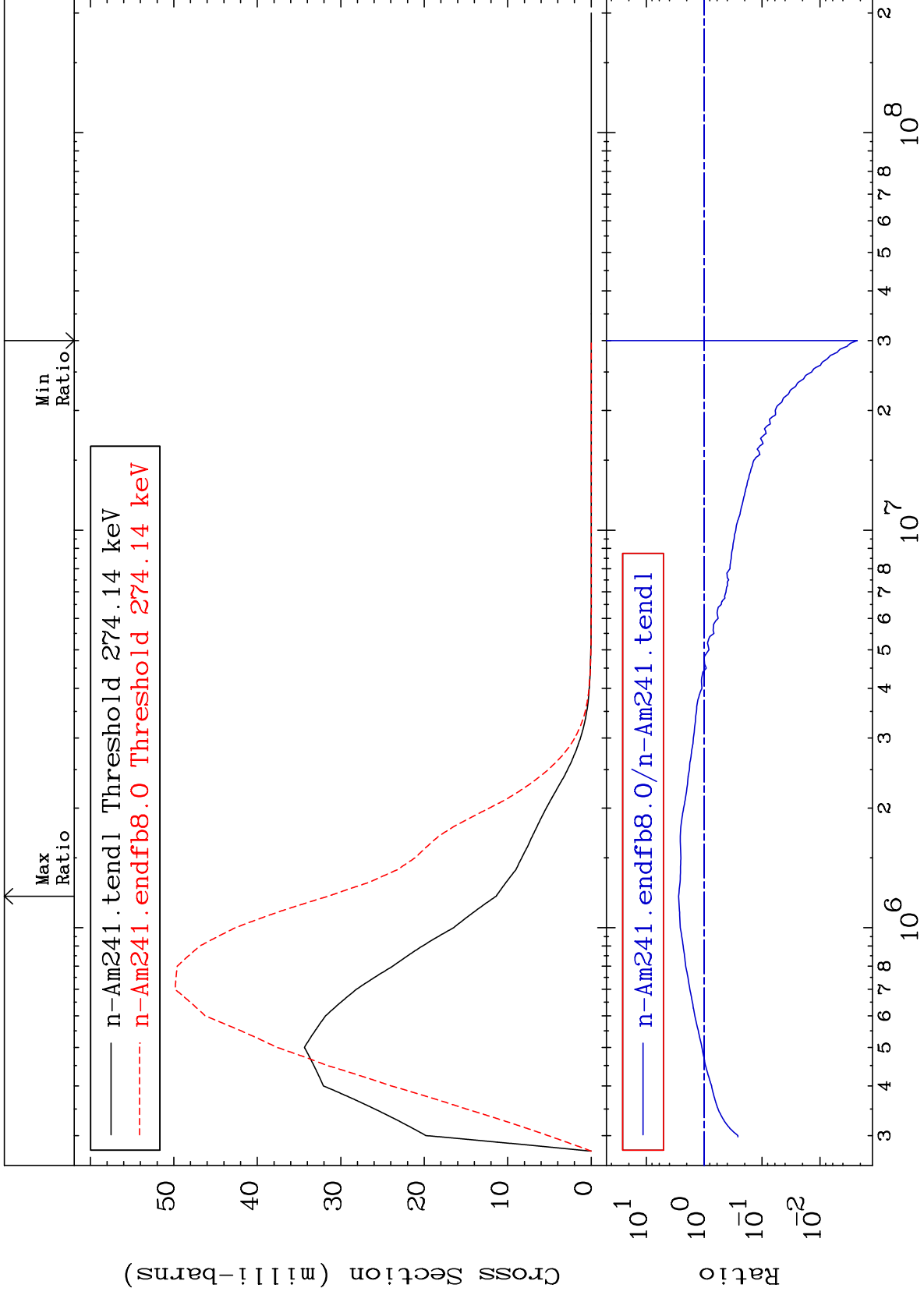
95-Am-241
-100.0 To -54.12%



MAT 9543

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

95-Am-241
-99.77 To 176.6 %



15

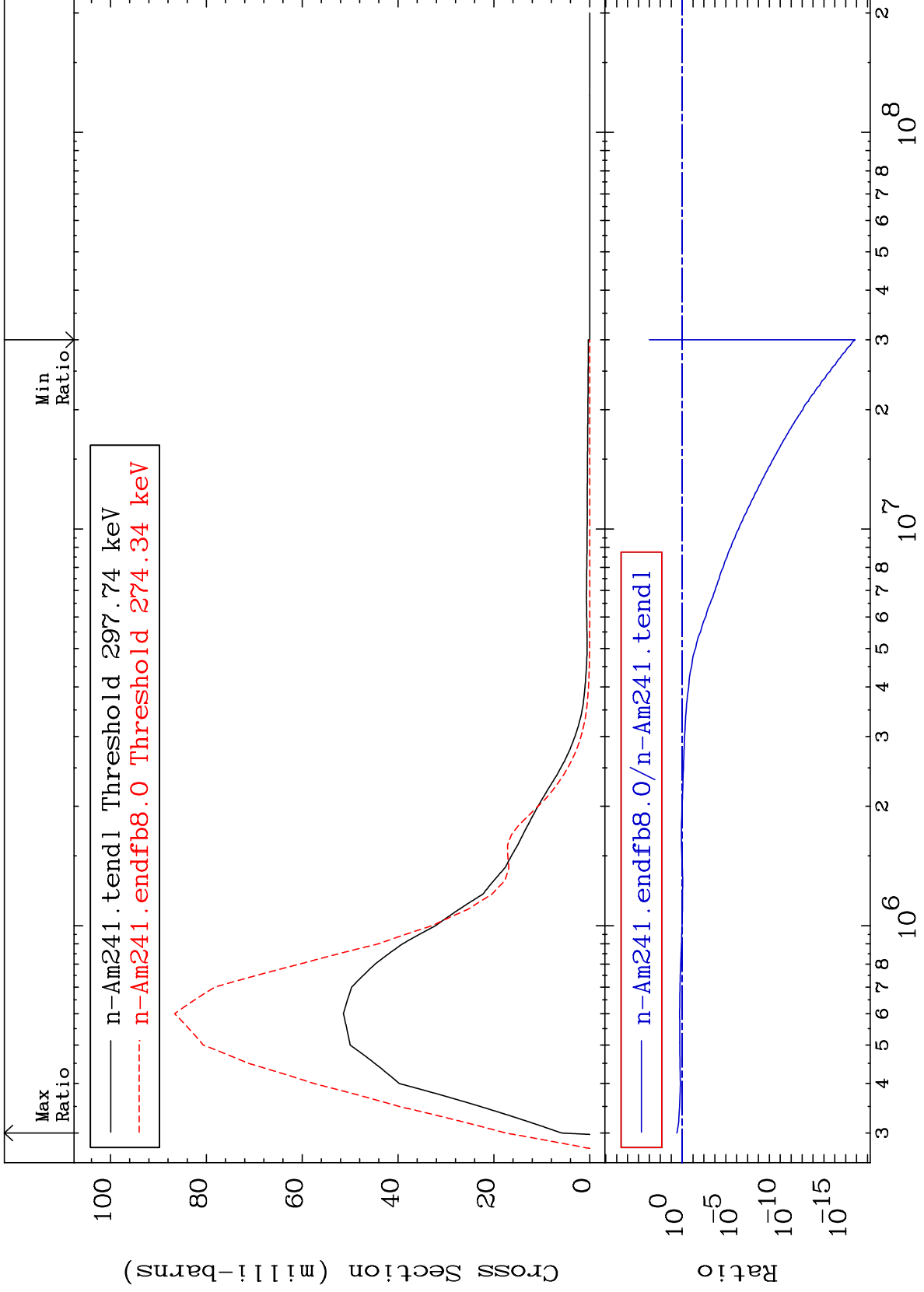
Incident Energy (eV)

95-Am-241

MAT 9543

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

95-Am-241
-100.0 To 198.9 %



16

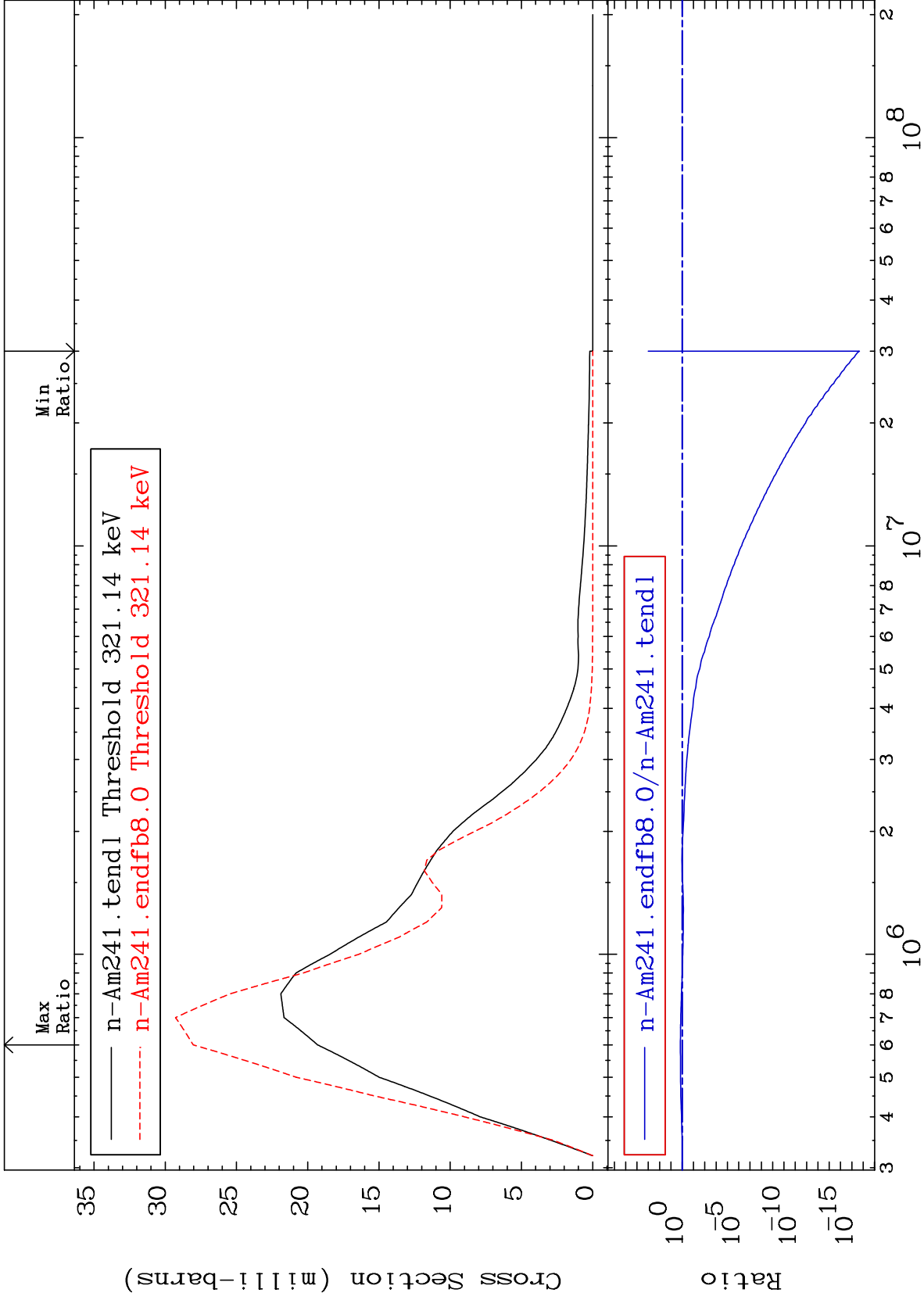
Incident Energy (eV)

95-Am-241

MAT 9543

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

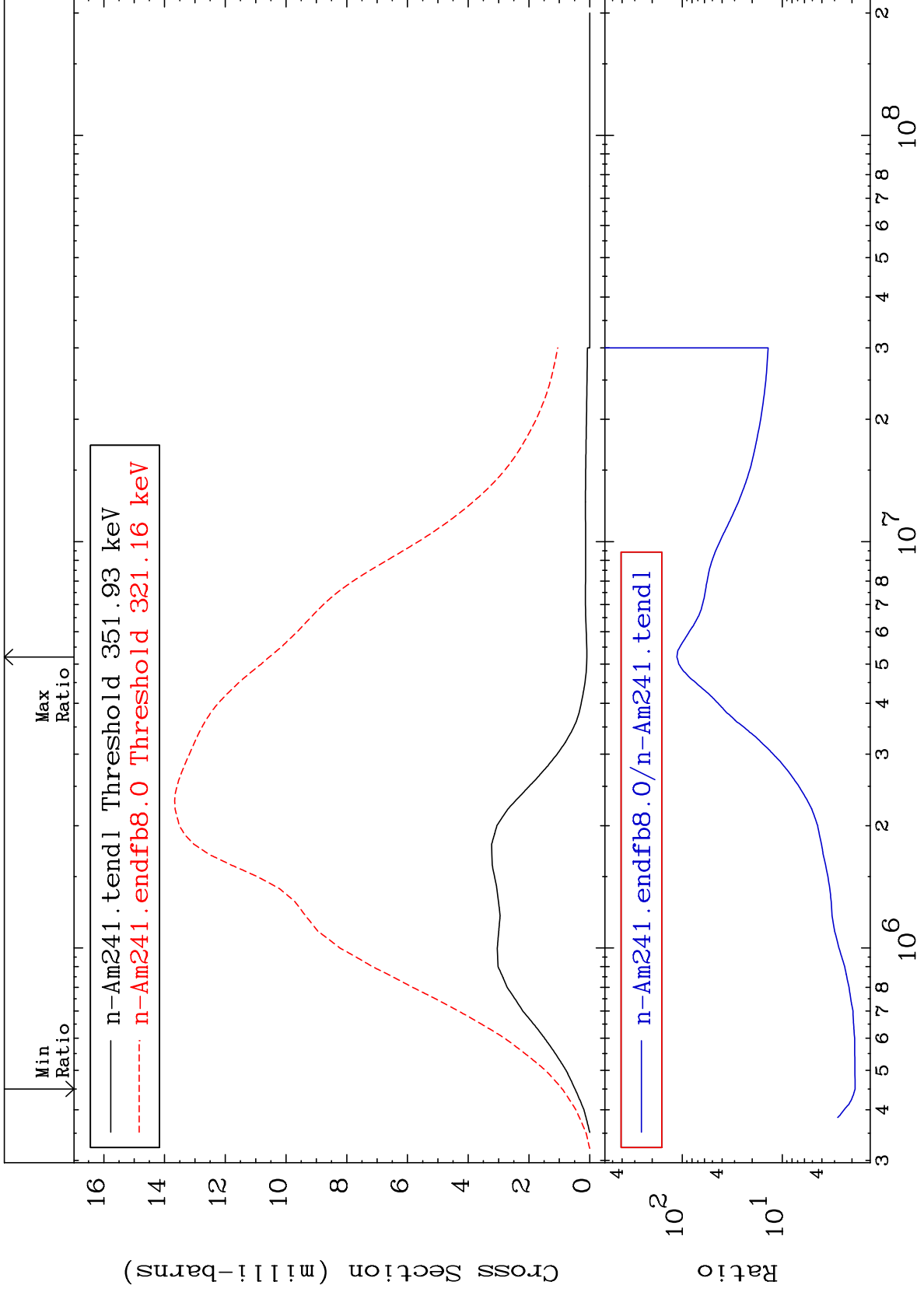
95-Am-241
-100.0 To 45.22 %



MAT 9543

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

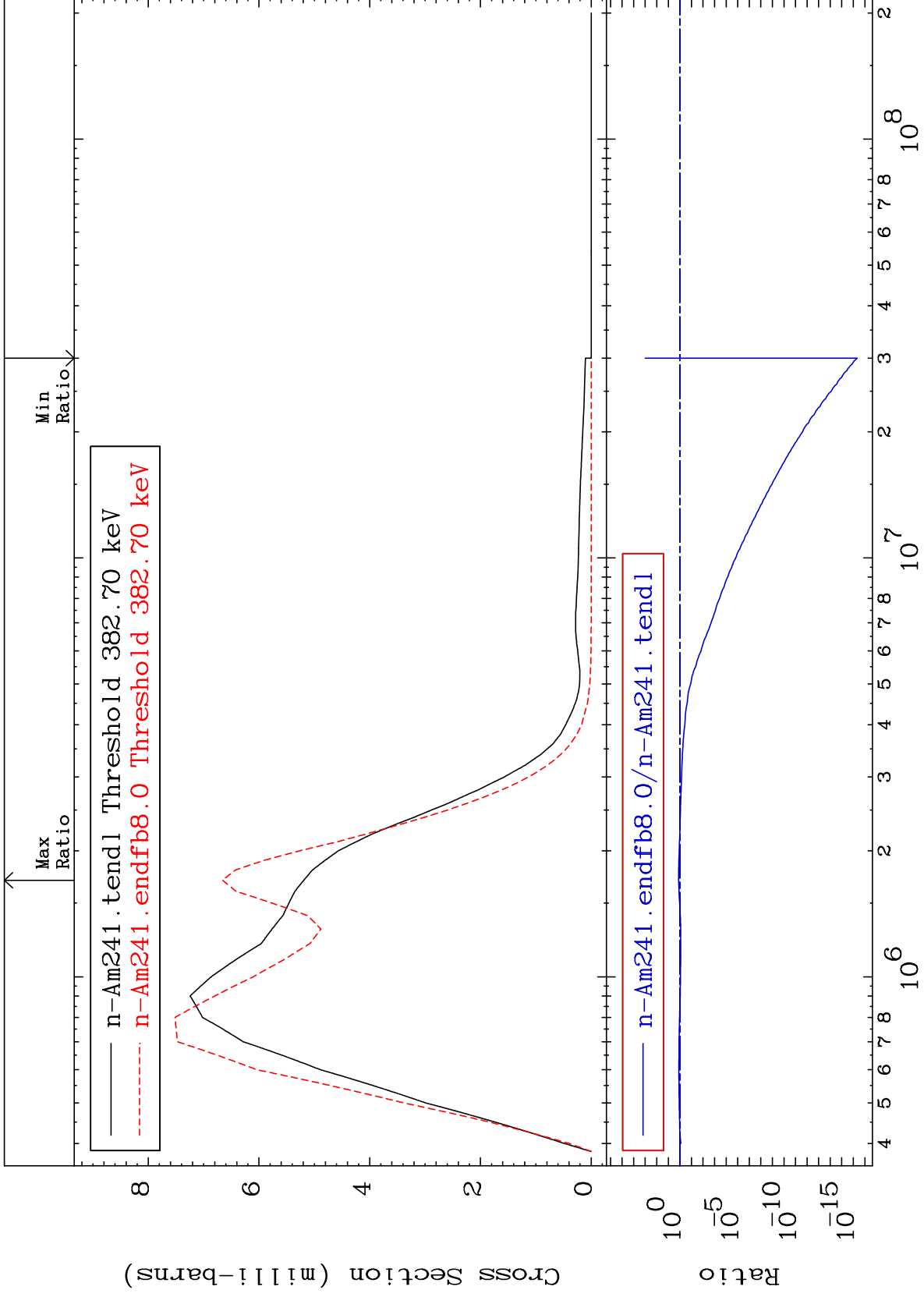
95-Am-241
86.54 To 9999. %



MAT 9543

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

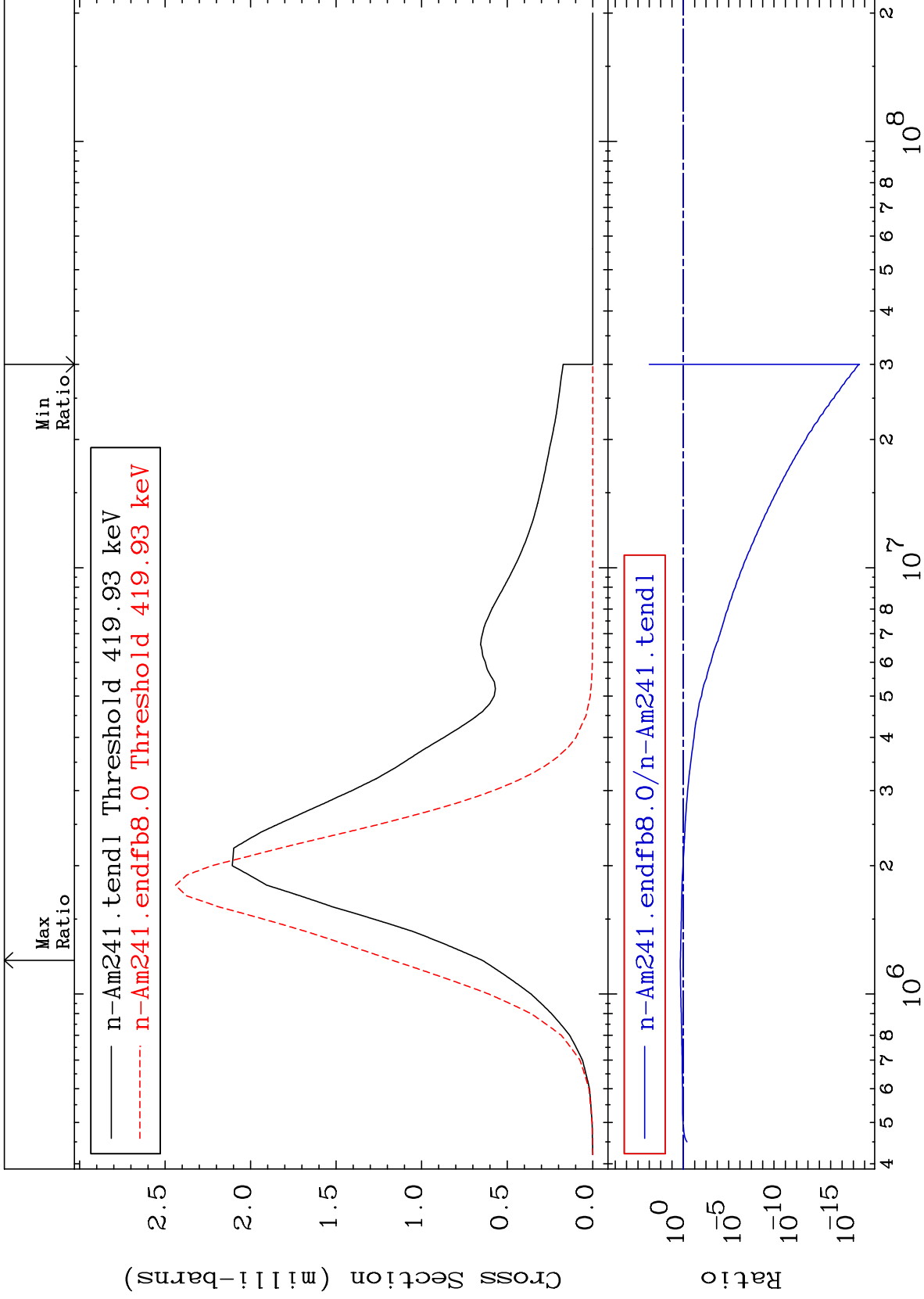
95-Am-241
-100.0 To 28.26 %



MAT 9543

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

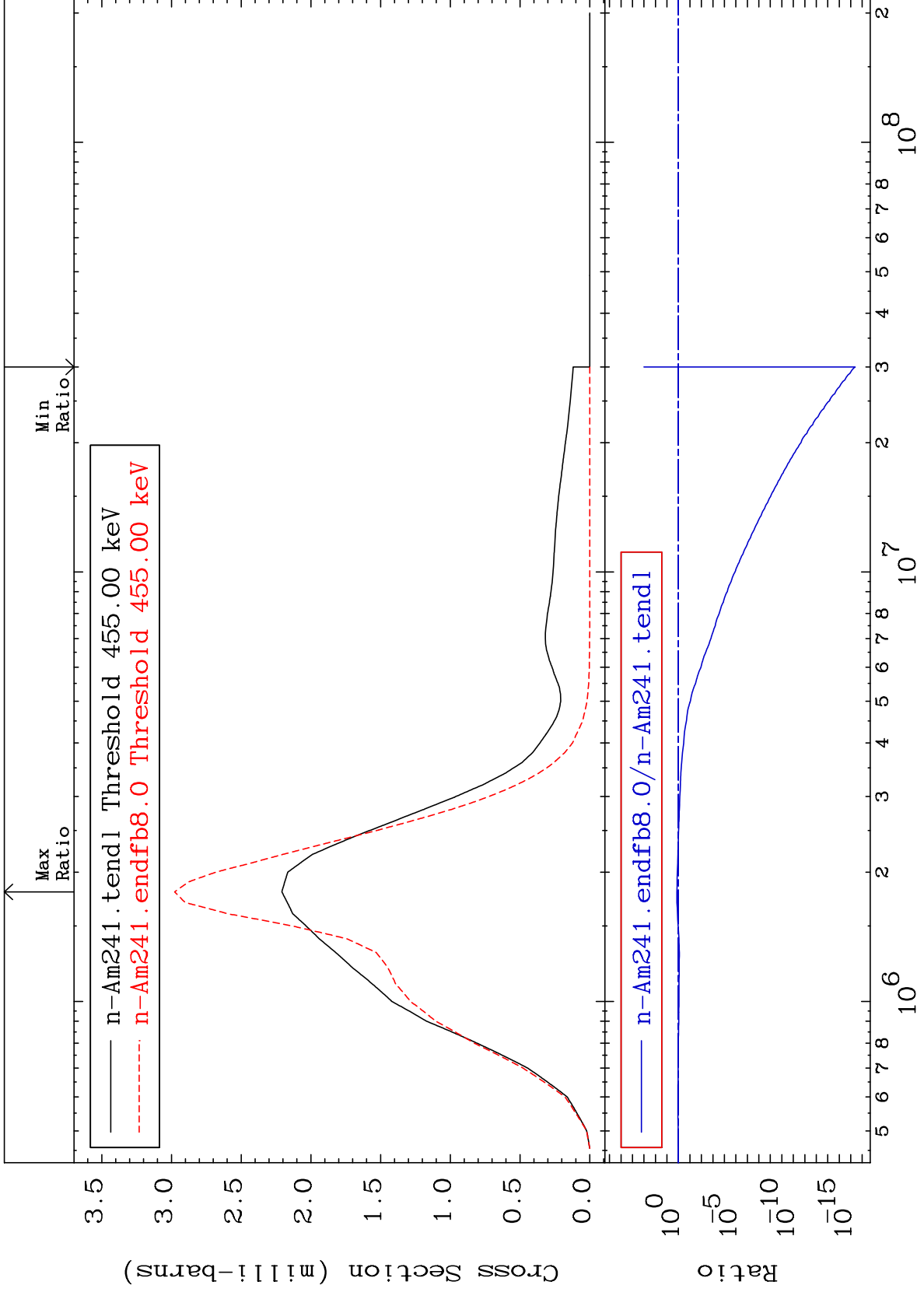
95-Am-241
-100.0 To 81.63 %



MAT 9543

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

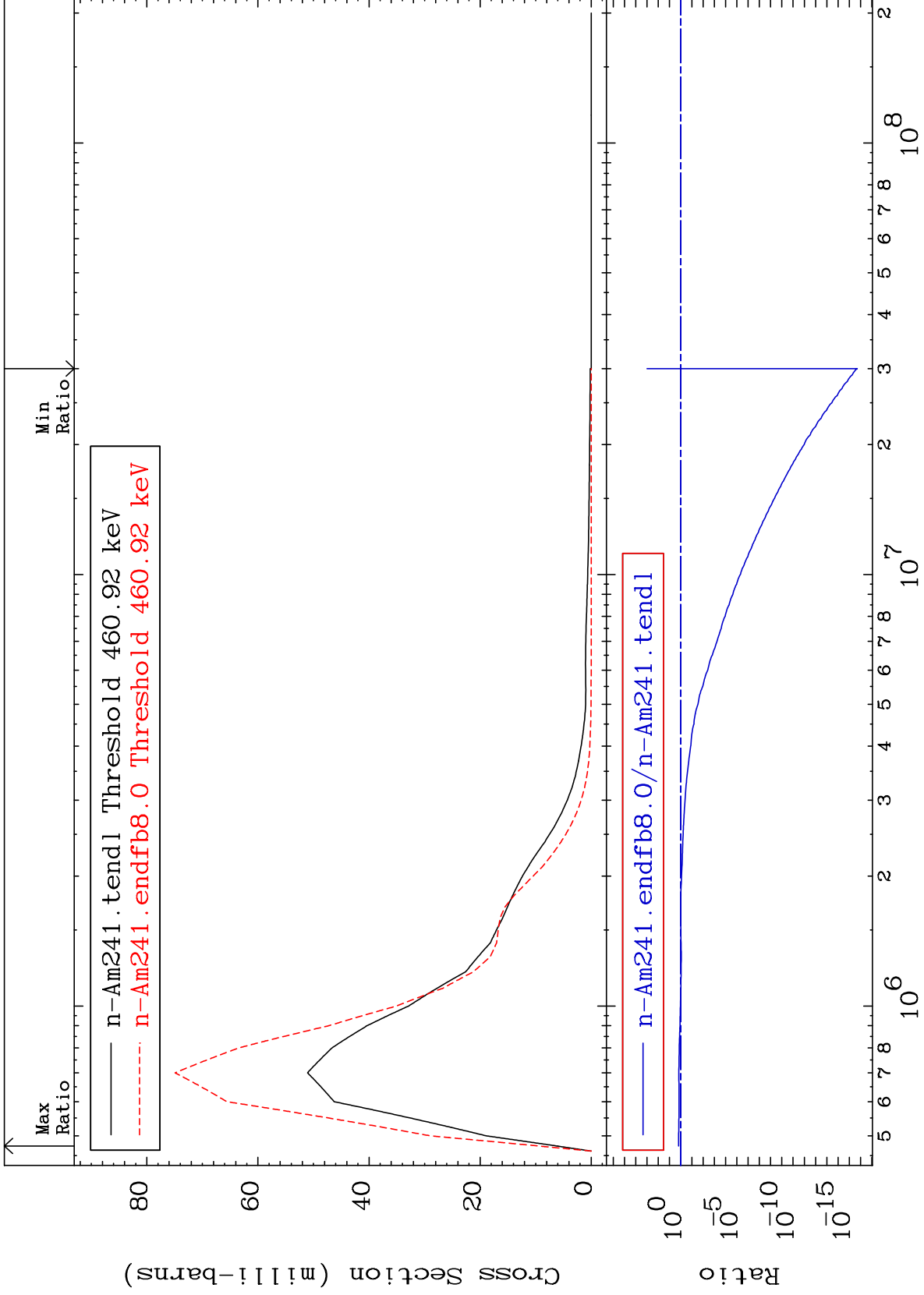
95-Am-241
-100.0 To 34.83 %



MAT 9543

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

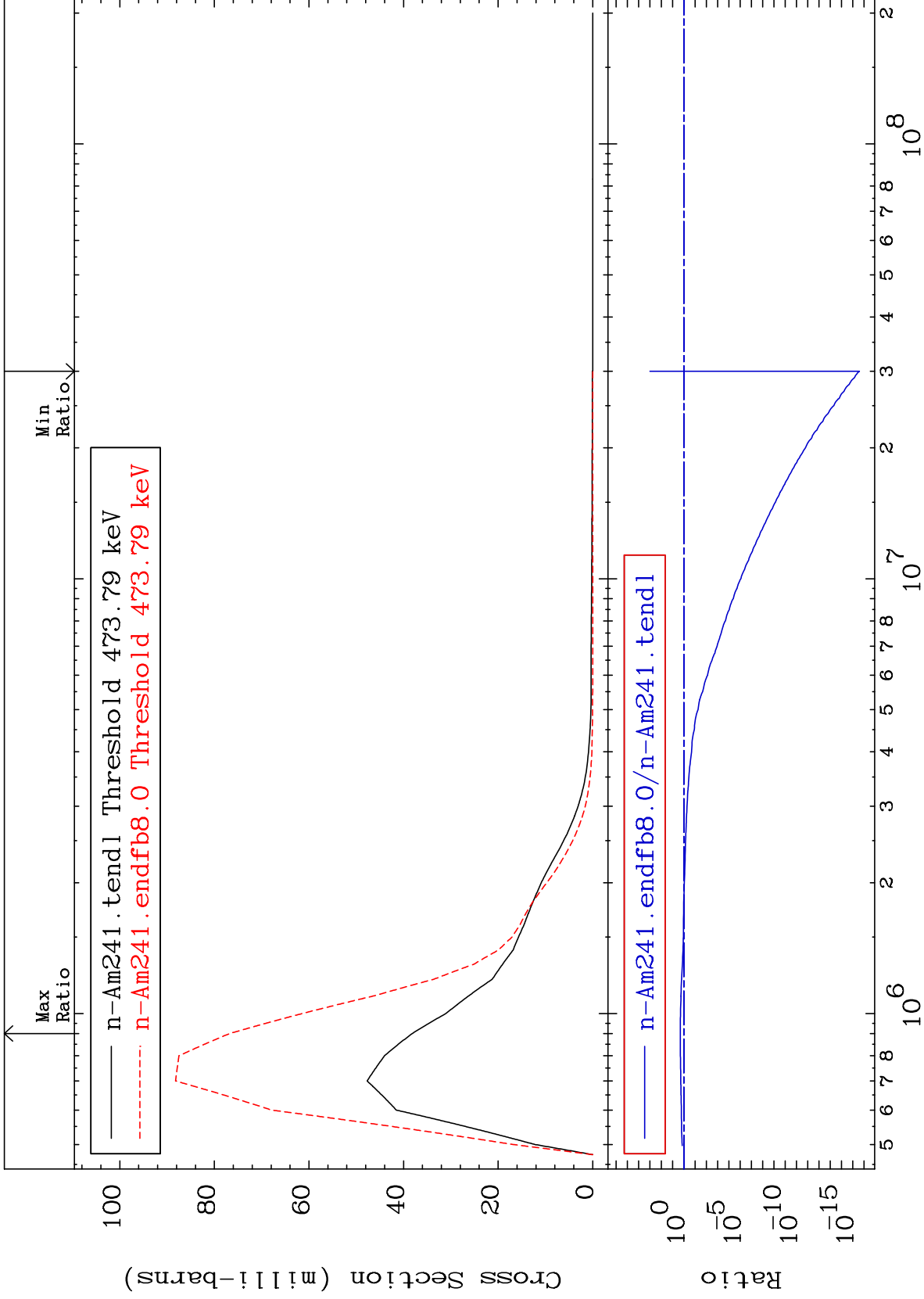
95-Am-241
-100.0 To 53.30 %



MAT 9543

MT= 66 (n,n') Level
Cross Section

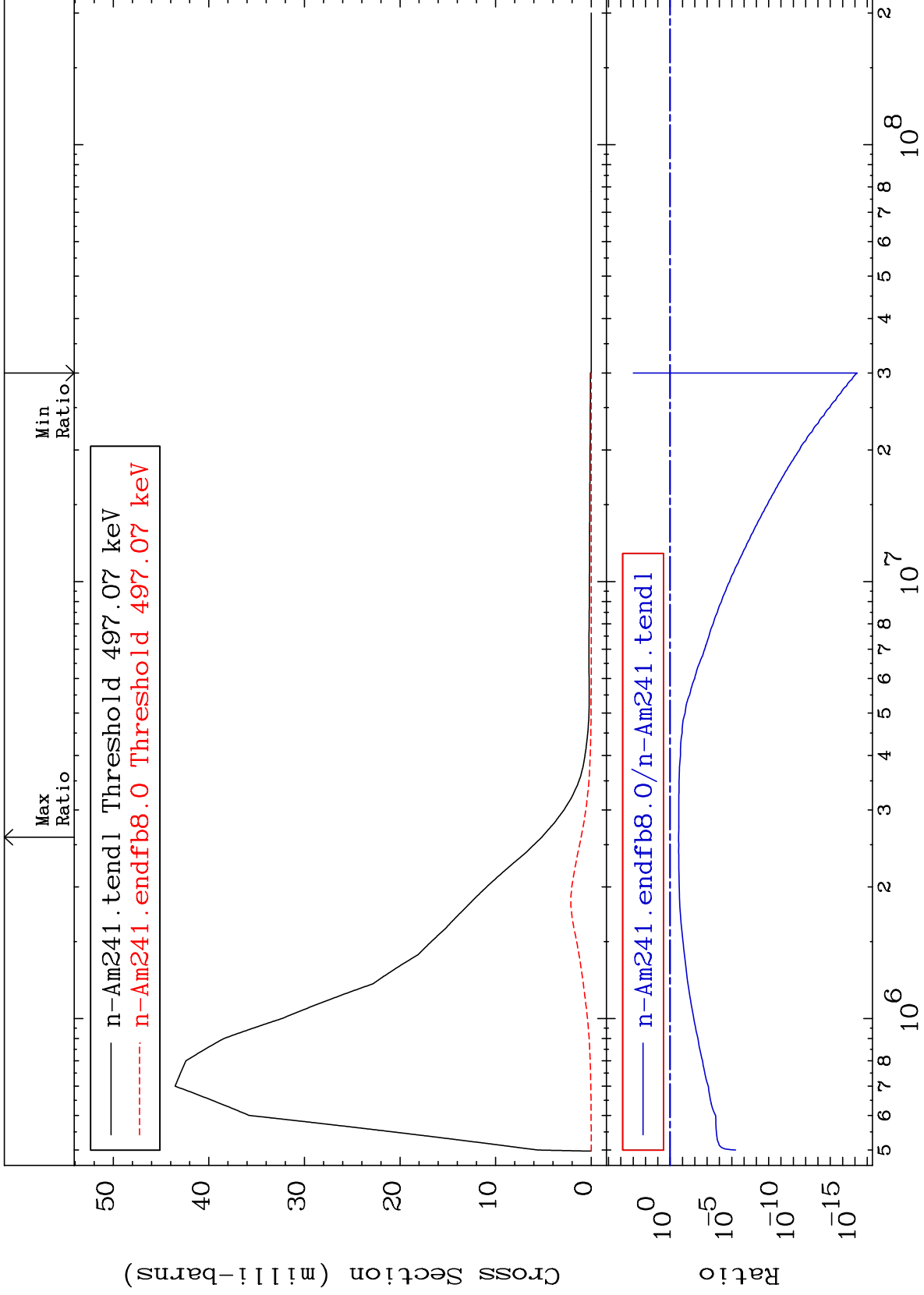
95-Am-241
-100.0 To 101.0 %



MAT 9543

MT= 67 (n, n') Level
Cross Section

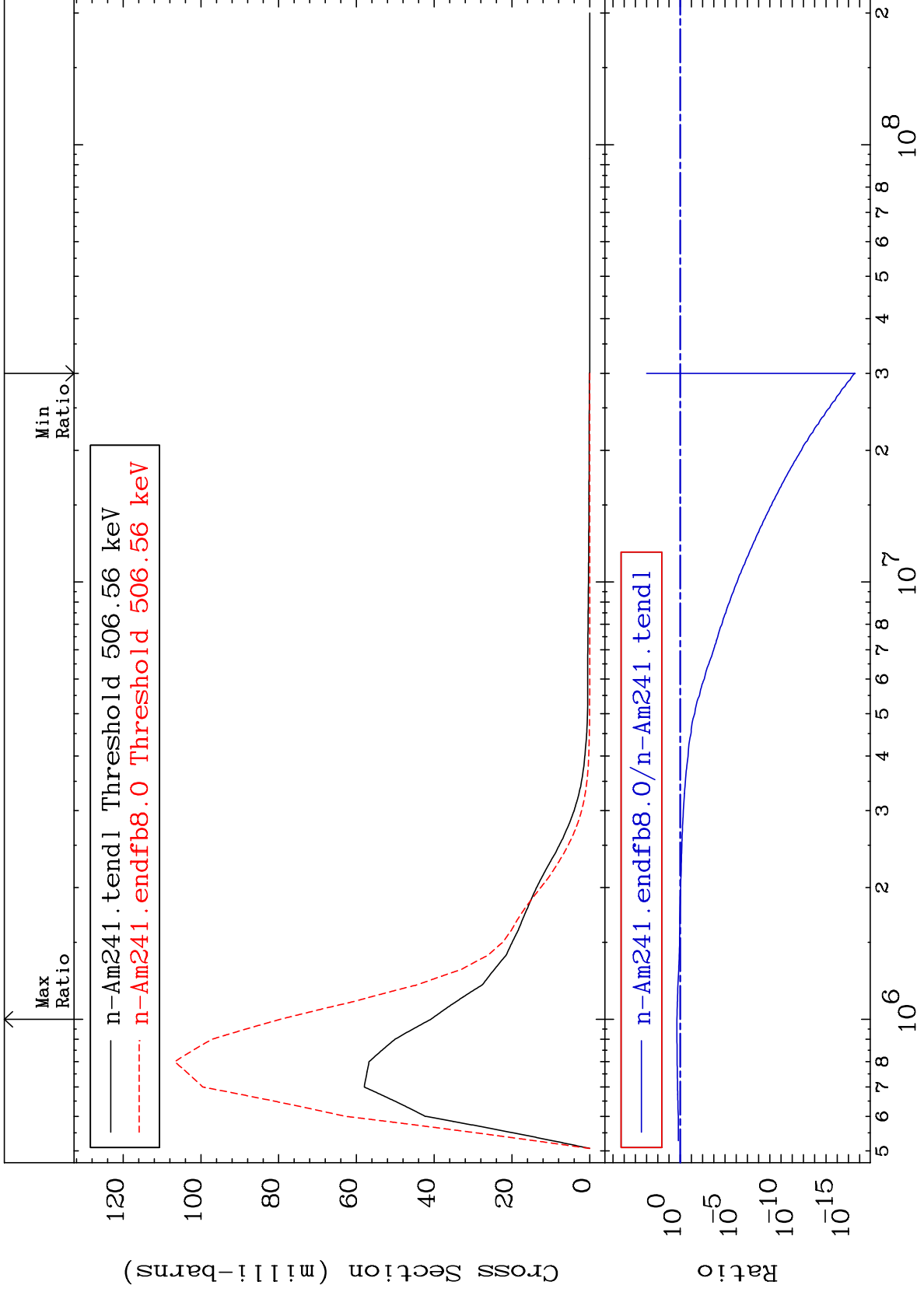
95-Am-241
-100.0 To -79.57%



MAT 9543

MT= 68 (n,n') Level
Cross Section

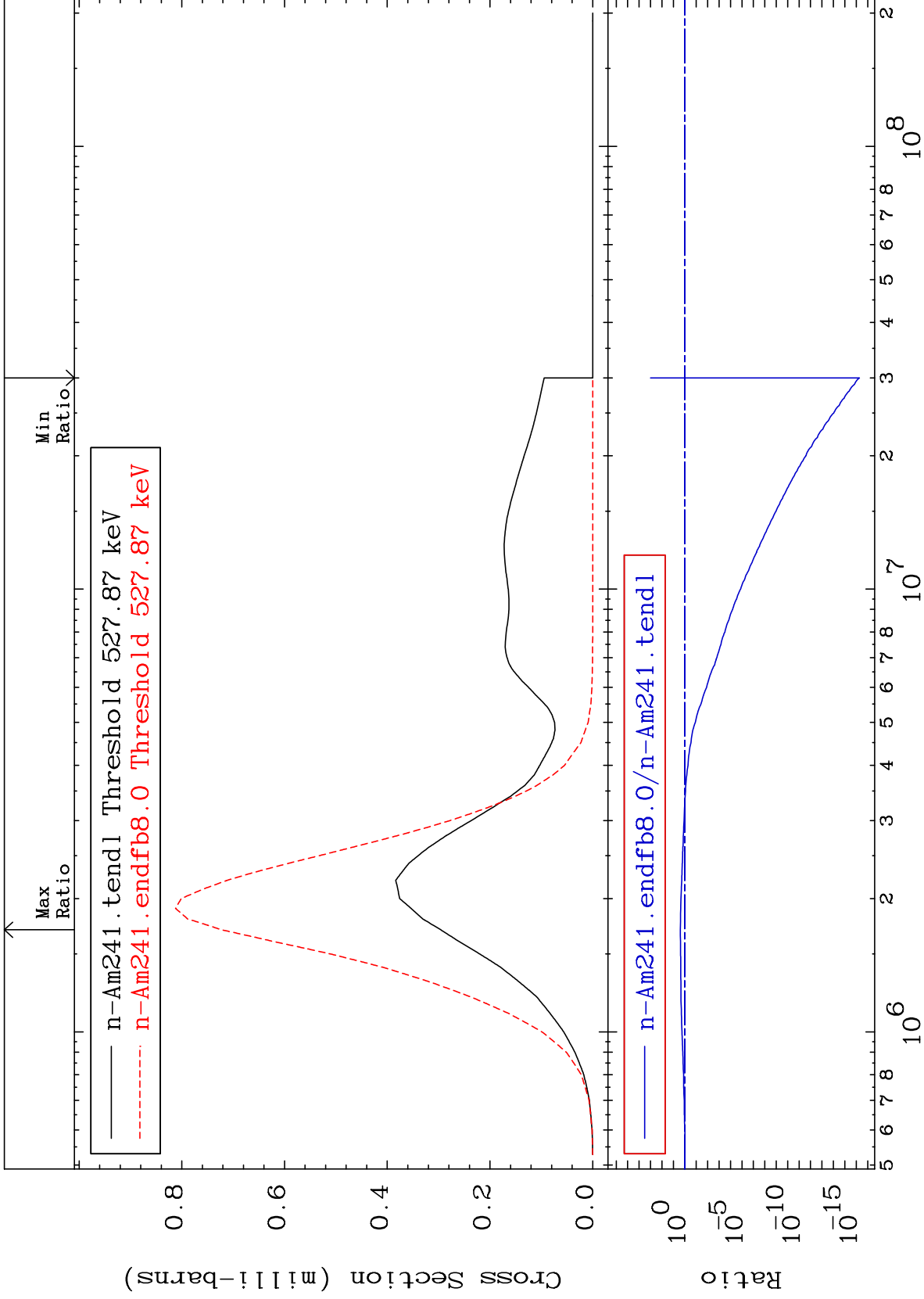
95-Am-241
-100.0 To 94.81 %



MAT 9543

MT= 69 (n,n') Level
Cross Section

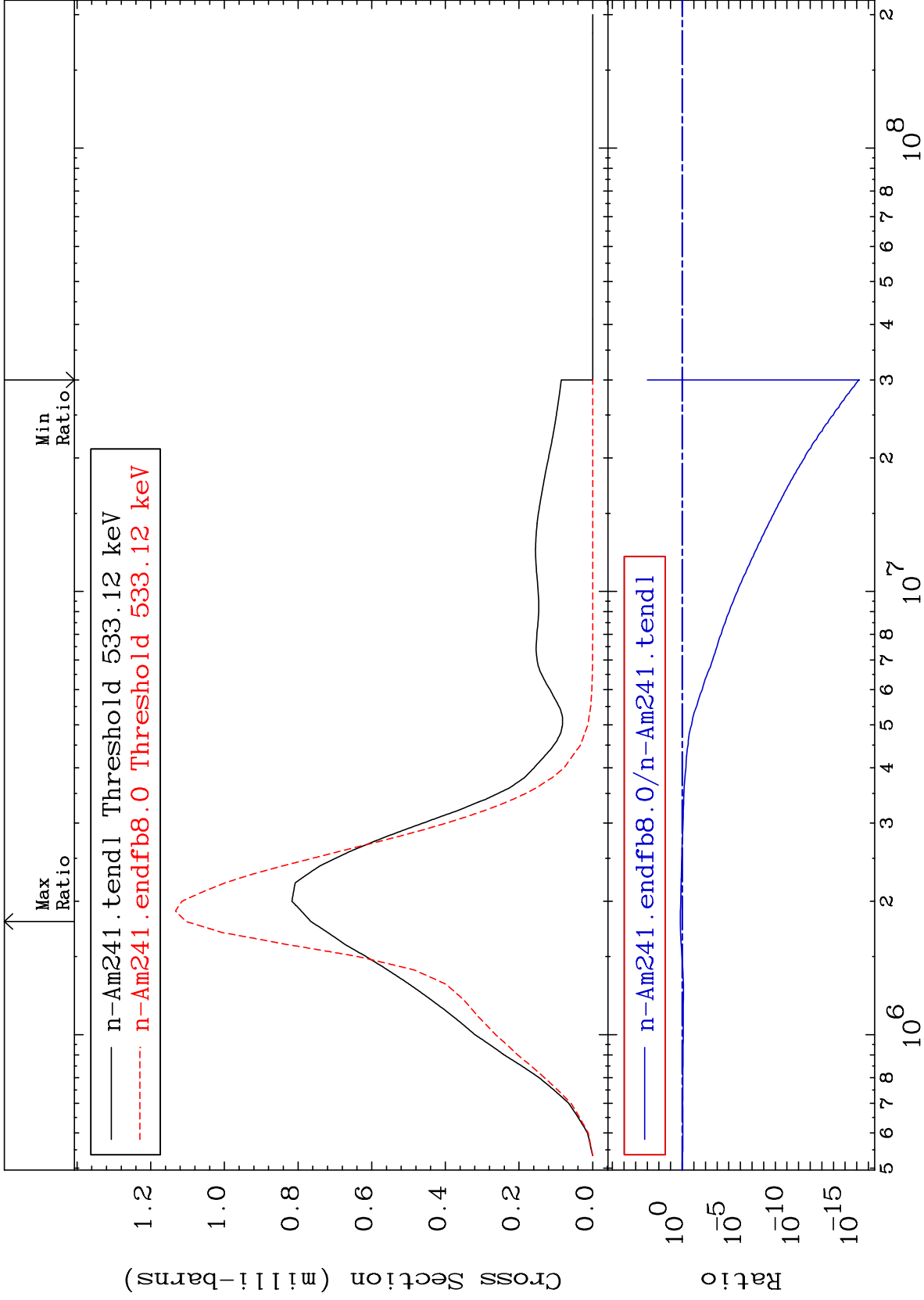
95-Am-241
-100.0 To 144.2 %



MAT 9543

MT= 70 (n,n') Level
Cross Section

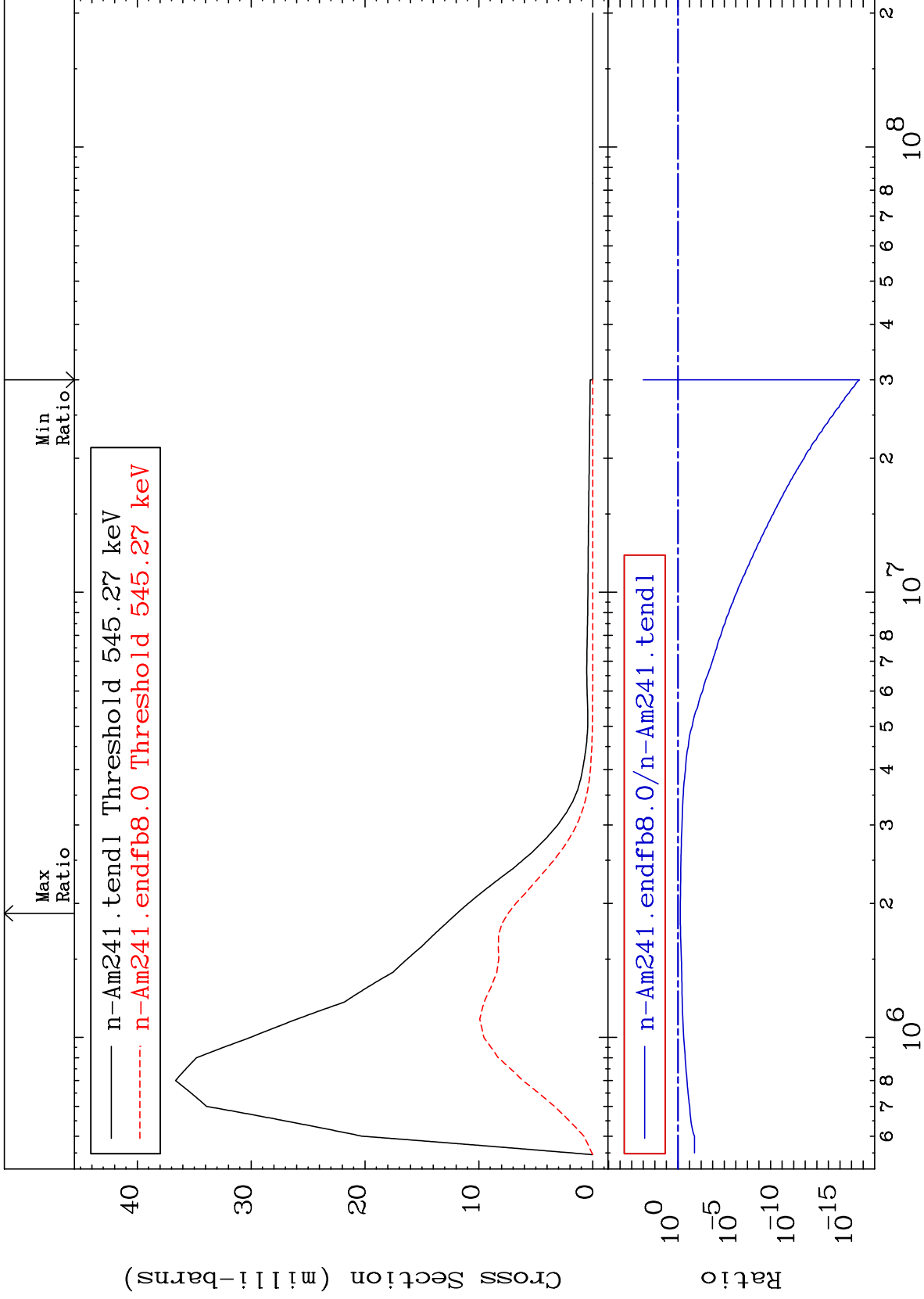
95-Am-241
-100.0 To 44.30 %



MAT 9543

MT= 71 (n,n') Level
Cross Section

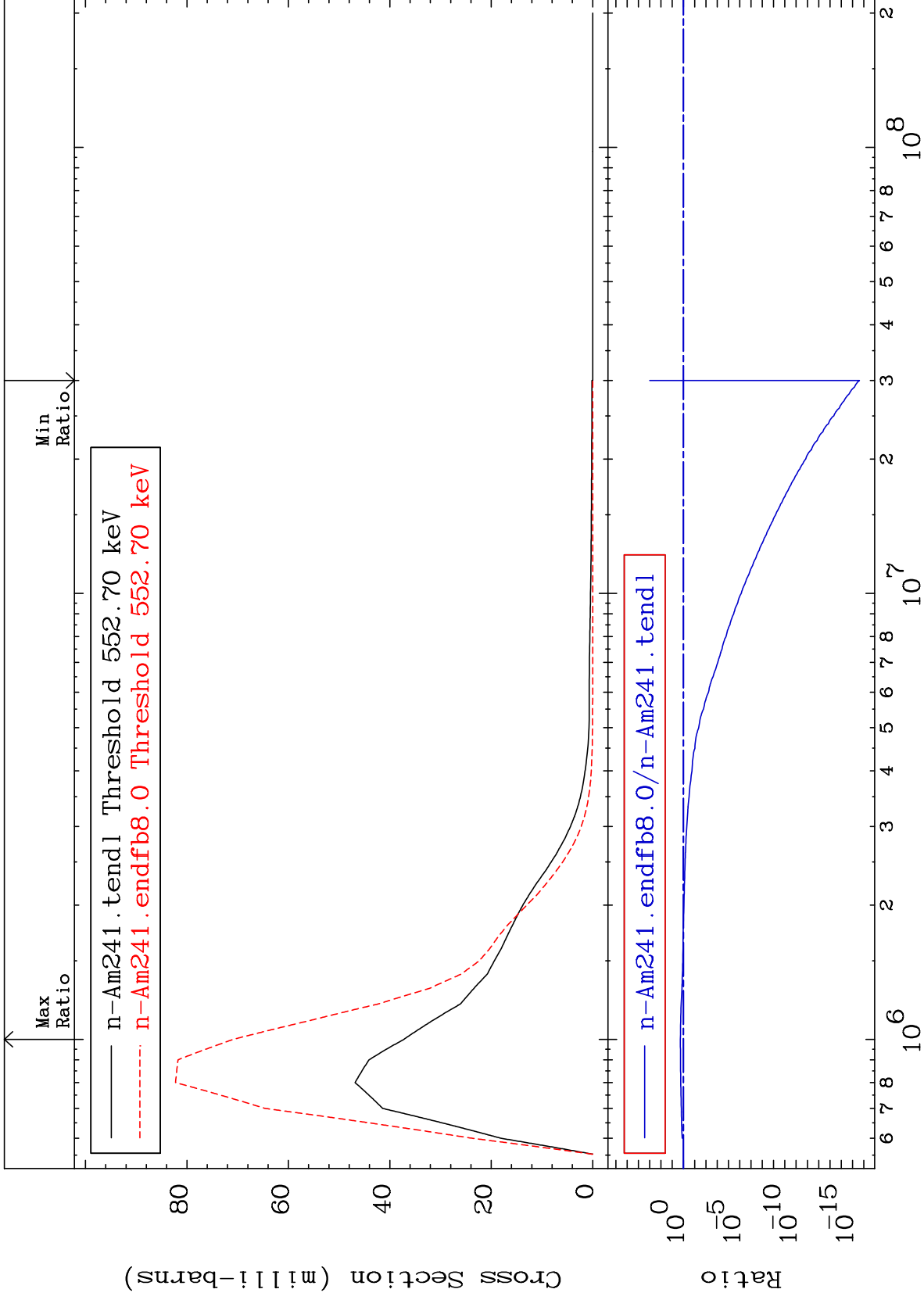
95-Am-241
-100.0 To -37.73%



MAT 9543

MT= 72 (n,n') Level
Cross Section

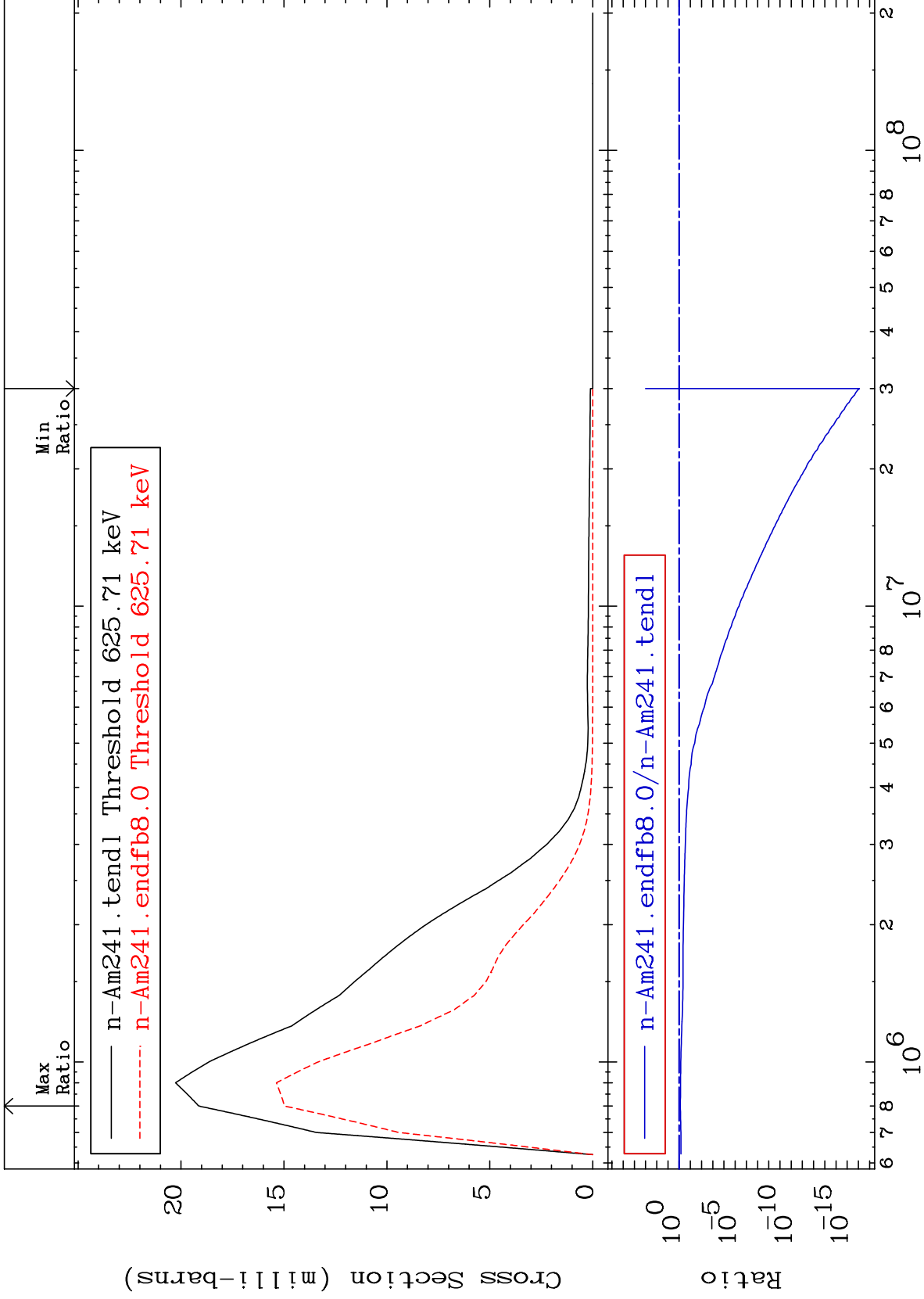
95-Am-241
-100.0 To 90.29 %



MAT 9543

MT= 73 (n,n') Level
Cross Section

95-Am-241
-100.0 To -21.79%



30

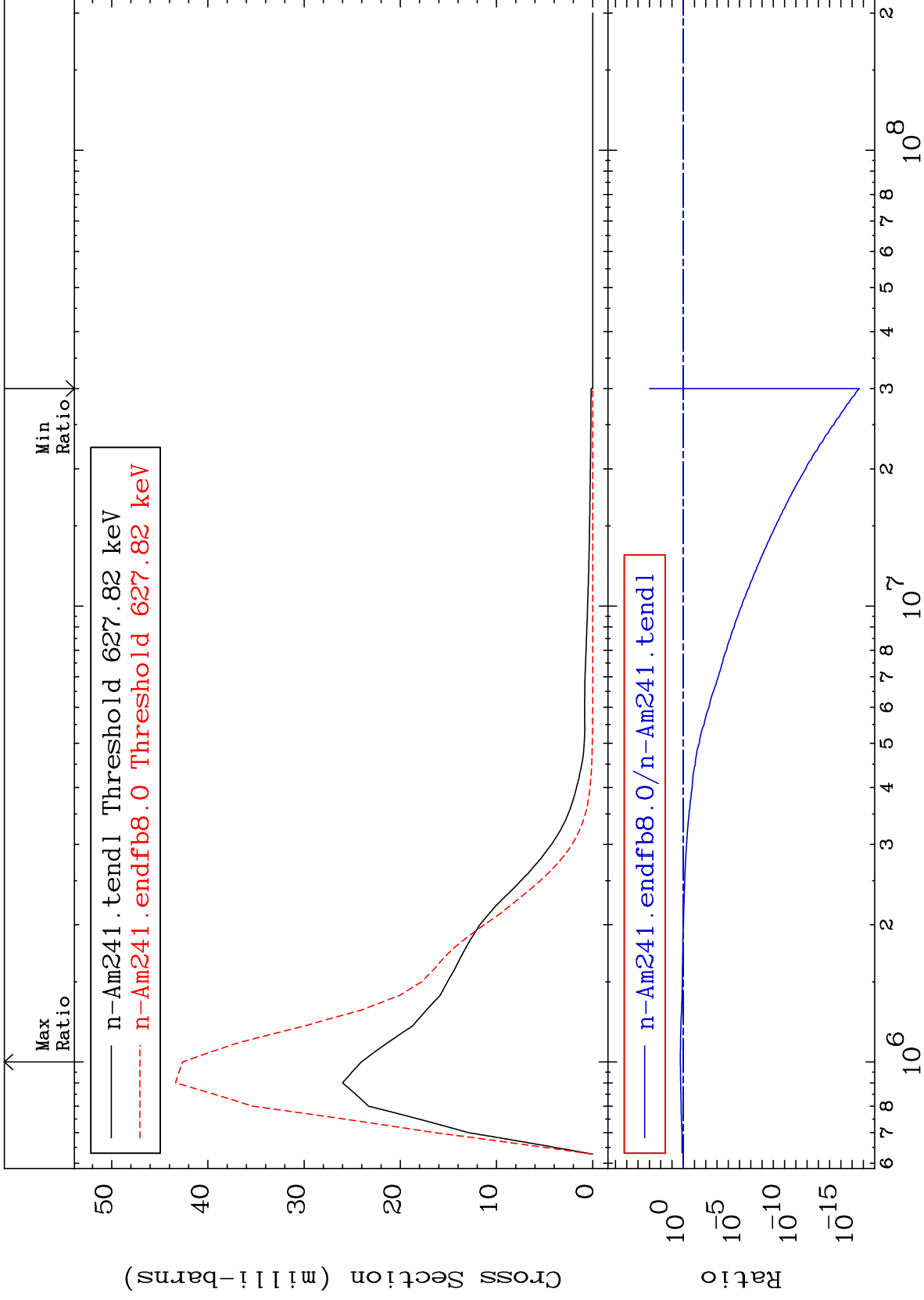
Incident Energy (eV)

95-Am-241

MAT 9543

MT= 74 (n,n') Level
Cross Section

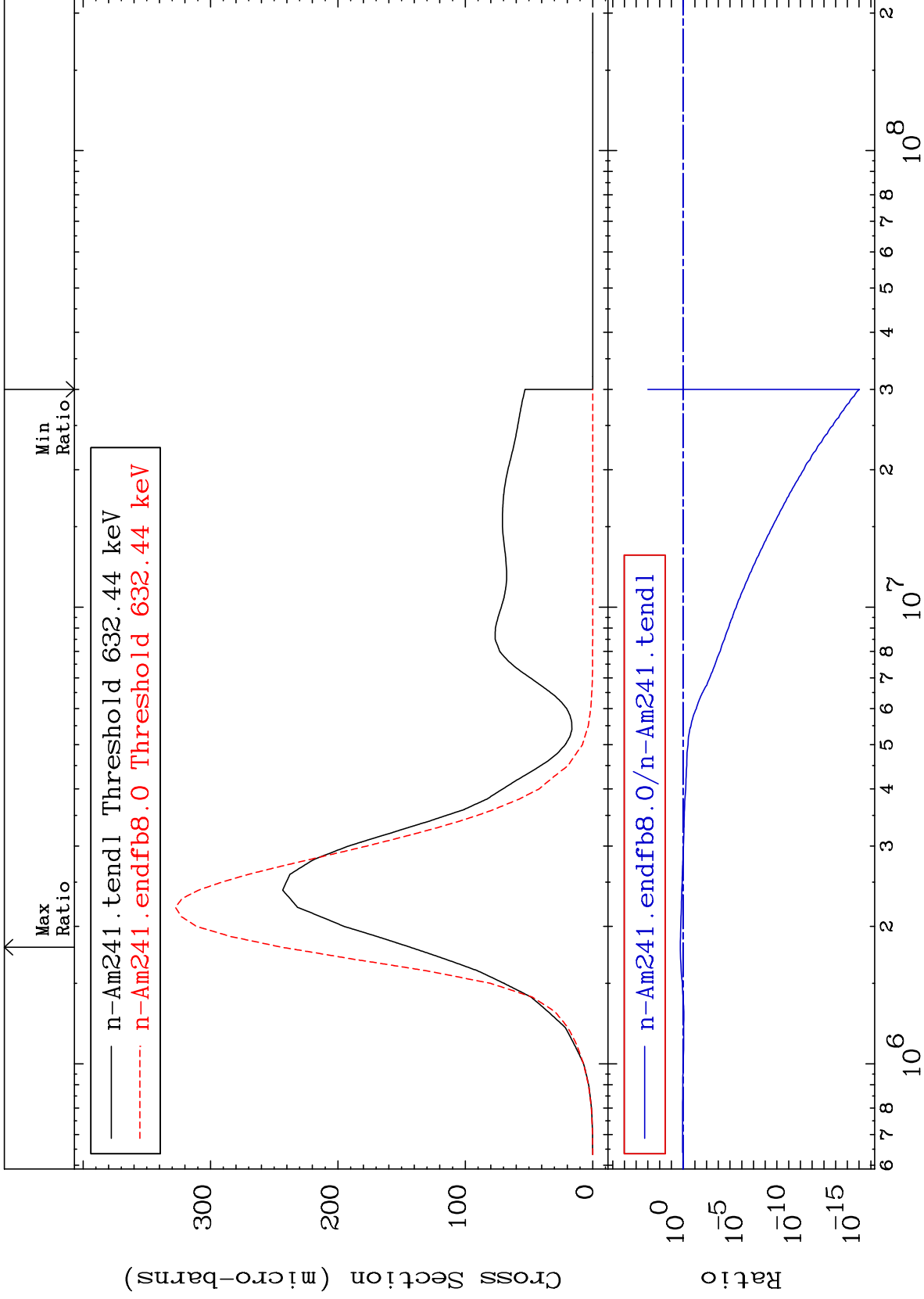
95-Am-241
-100.0 To 77.25 %



MAT 9543

MT= 75 (n,n') Level
Cross Section

95-Am-241
-100.0 To 70.38 %



32

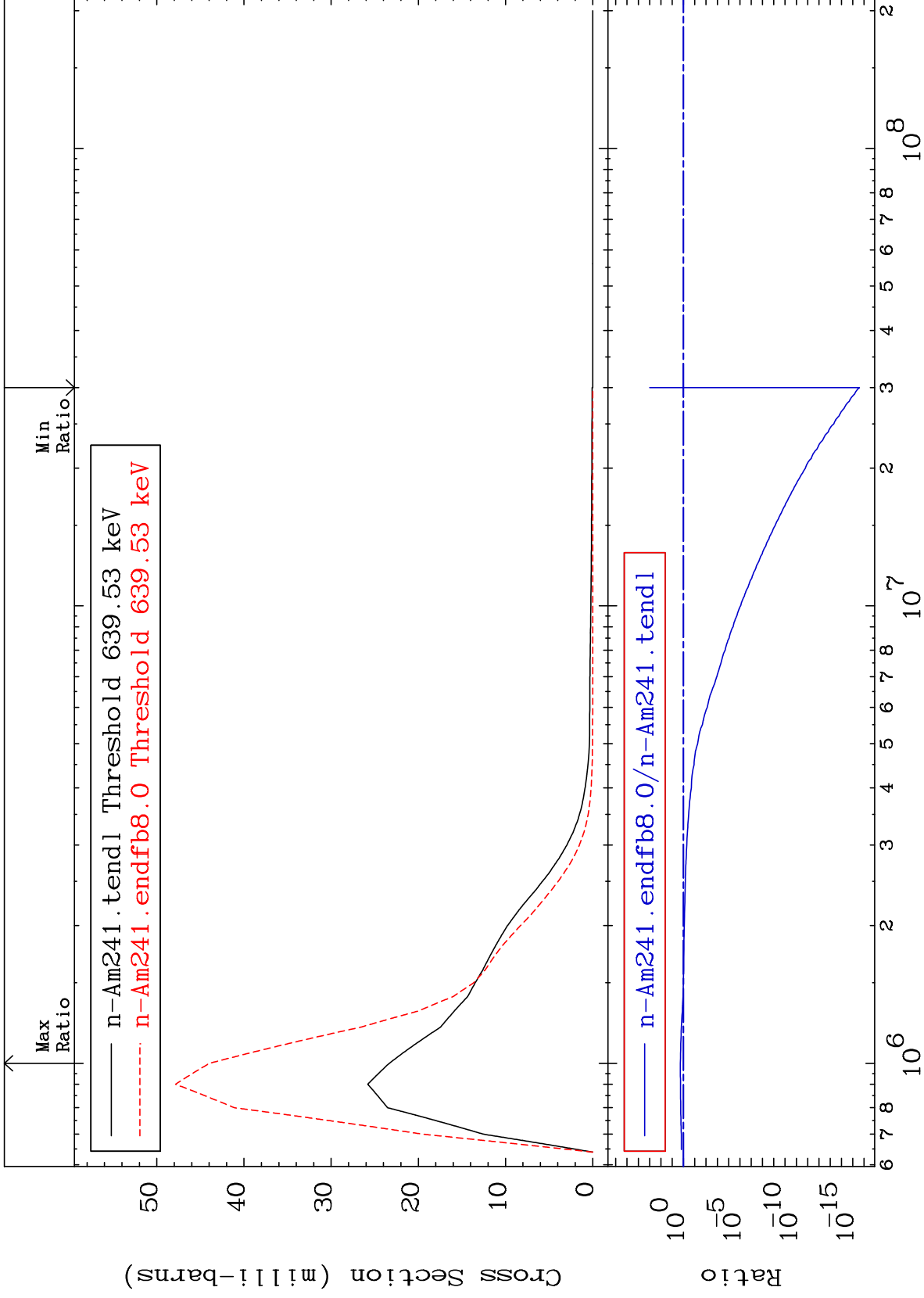
Incident Energy (eV)

95-Am-241

MAT 9543

MT= 76 (n,n') Level
Cross Section

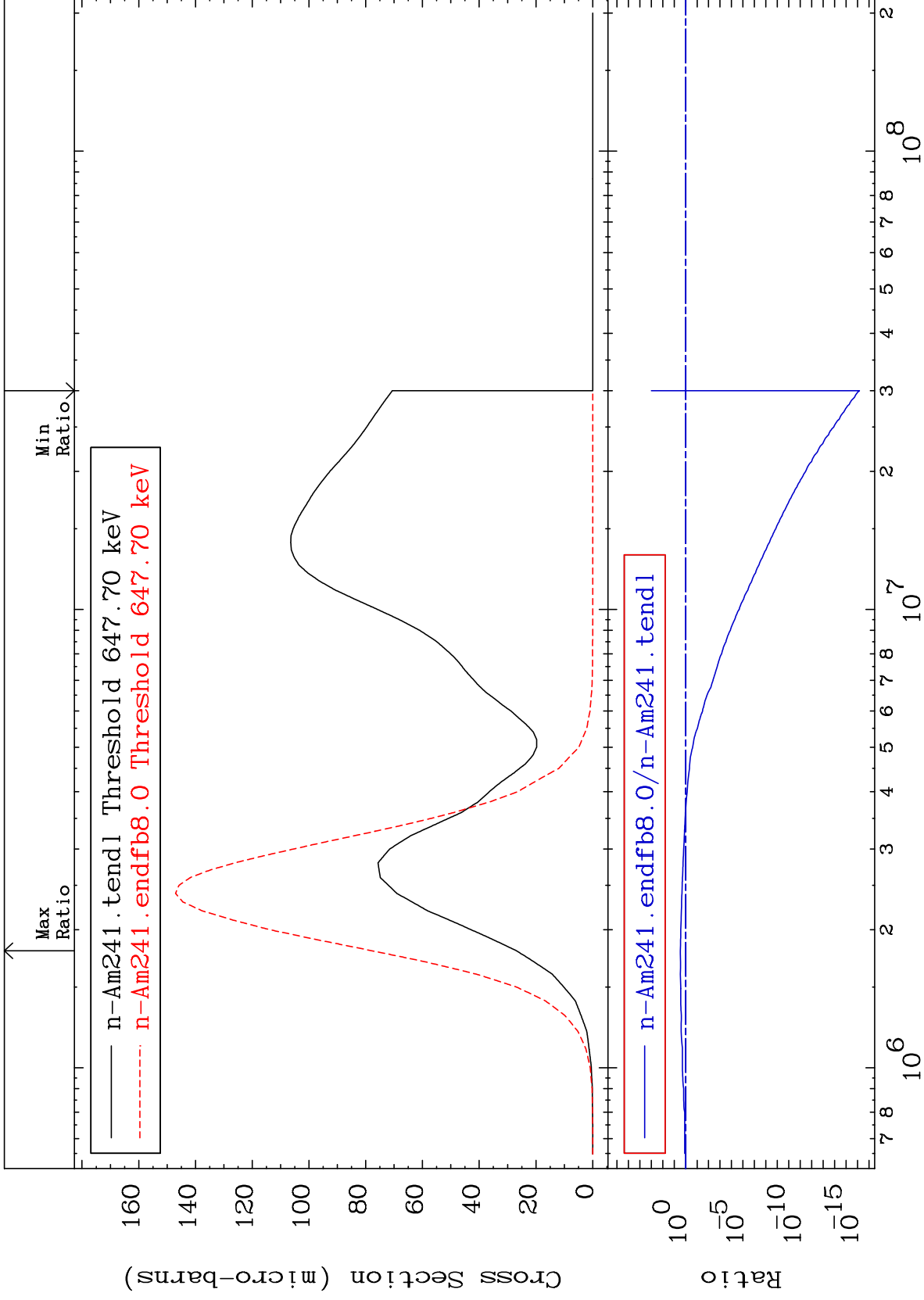
95-Am-241
-100.0 To 88.42 %



MAT 9543

MT= 77 (n,n') Level
Cross Section

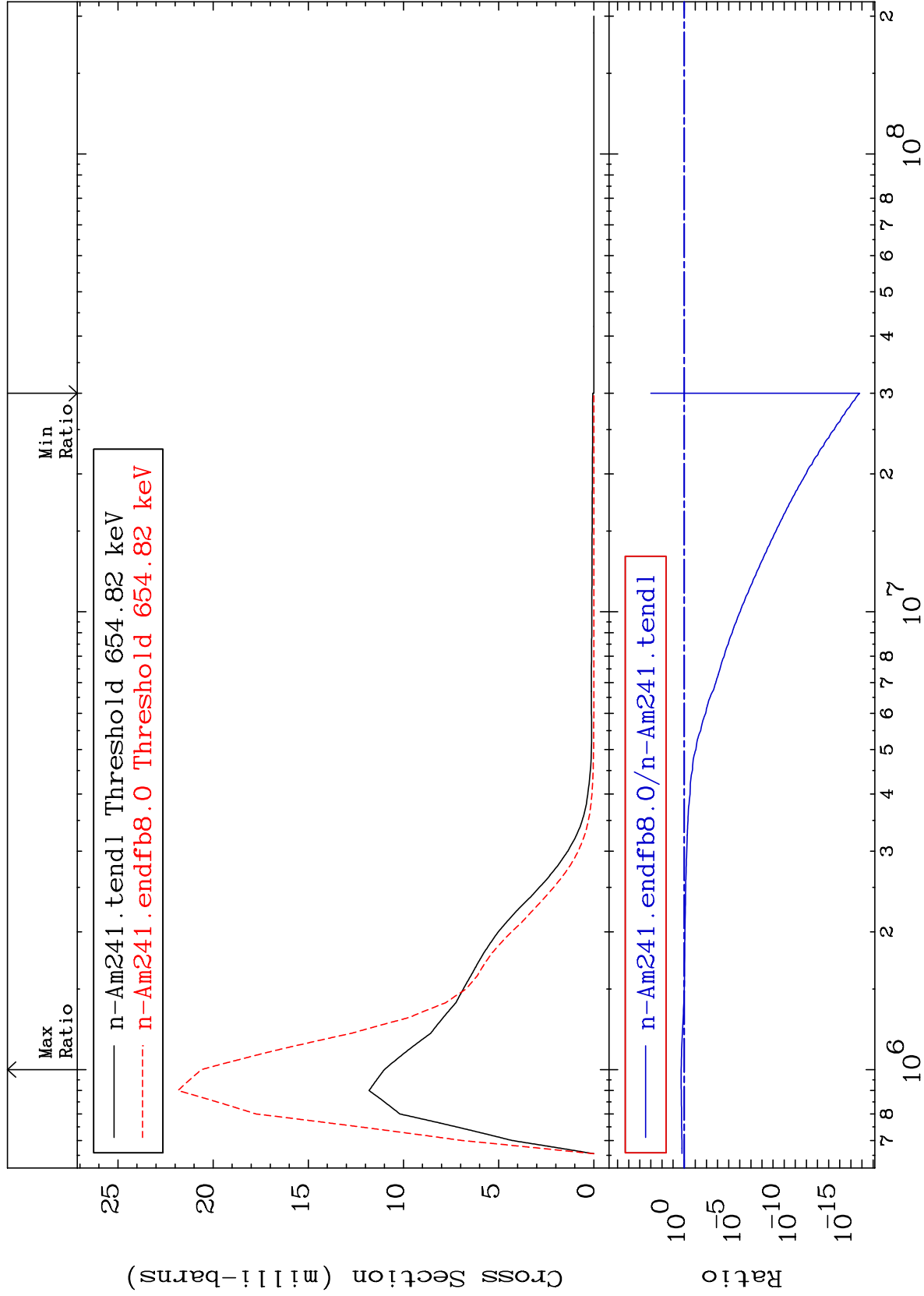
95-Am-241
-100.0 To 189.5 %



MAT 9543

MT= 78 (n,n') Level
Cross Section

95-Am-241
-100.0 To 87.35 %



35

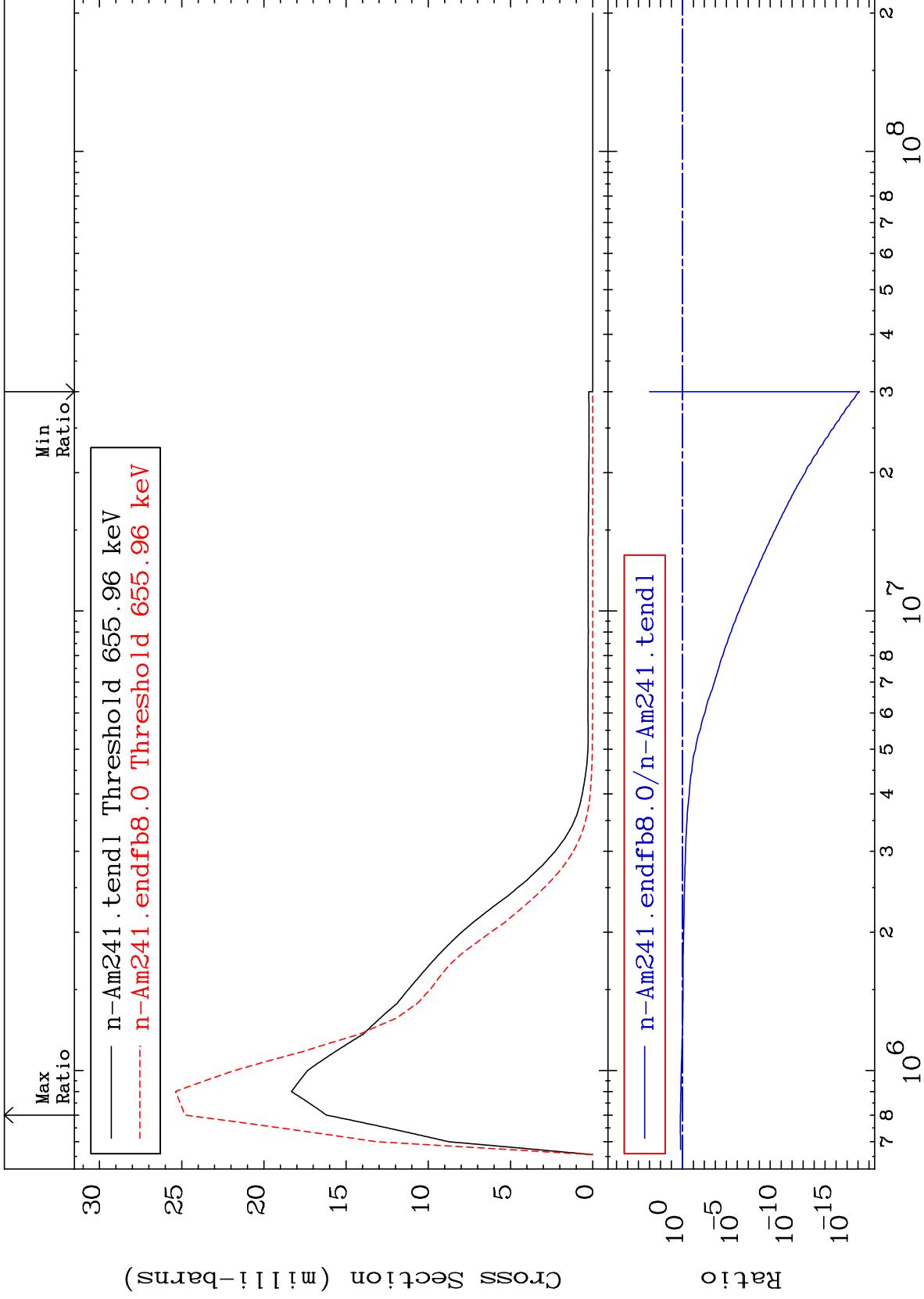
Incident Energy (eV)

95-Am-241

MAT 9543

MT= 79 (n,n') Level
Cross Section

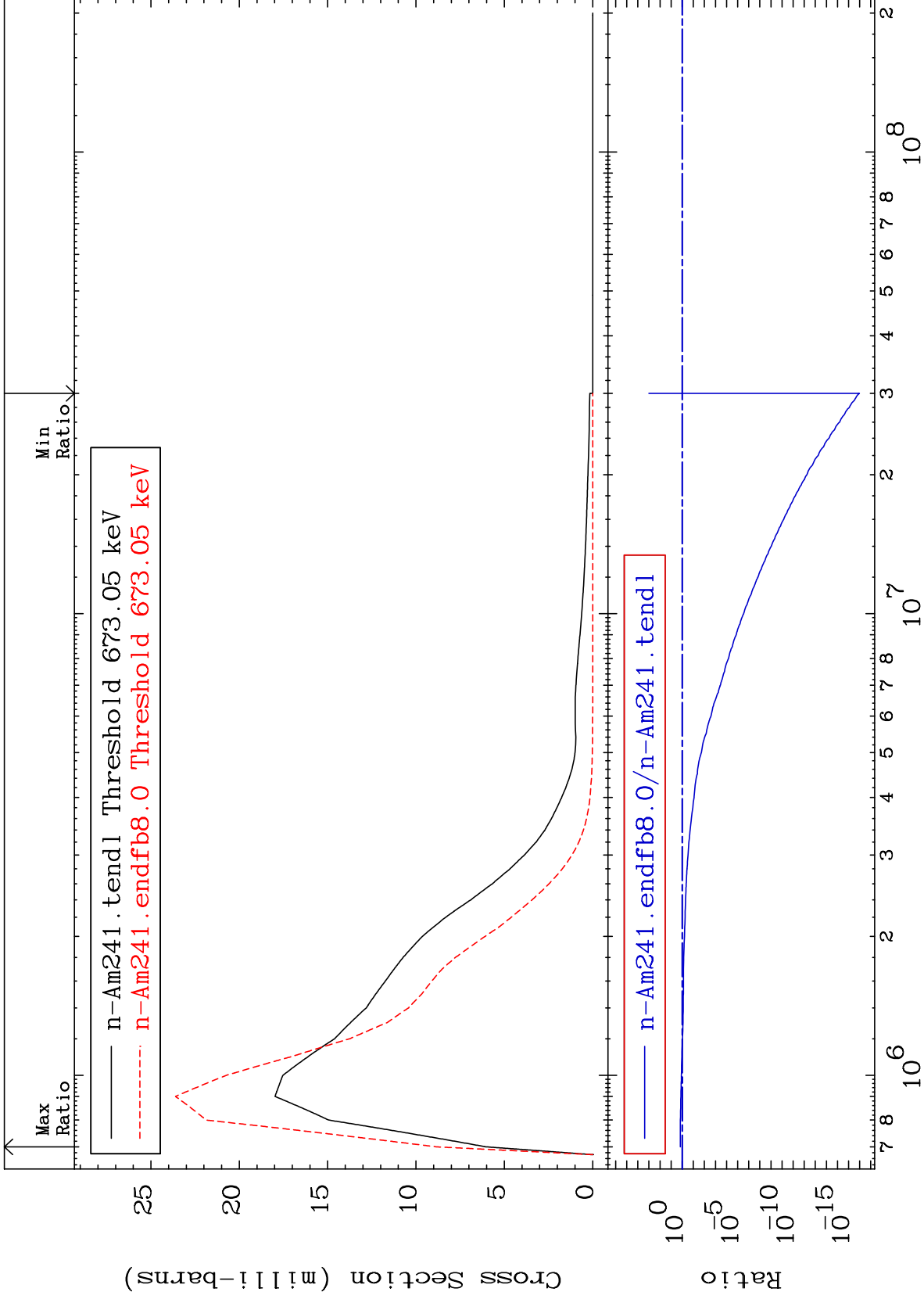
95-Am-241
-100.0 To 53.17 %



MAT 9543

MT= 80 (n,n') Level
Cross Section

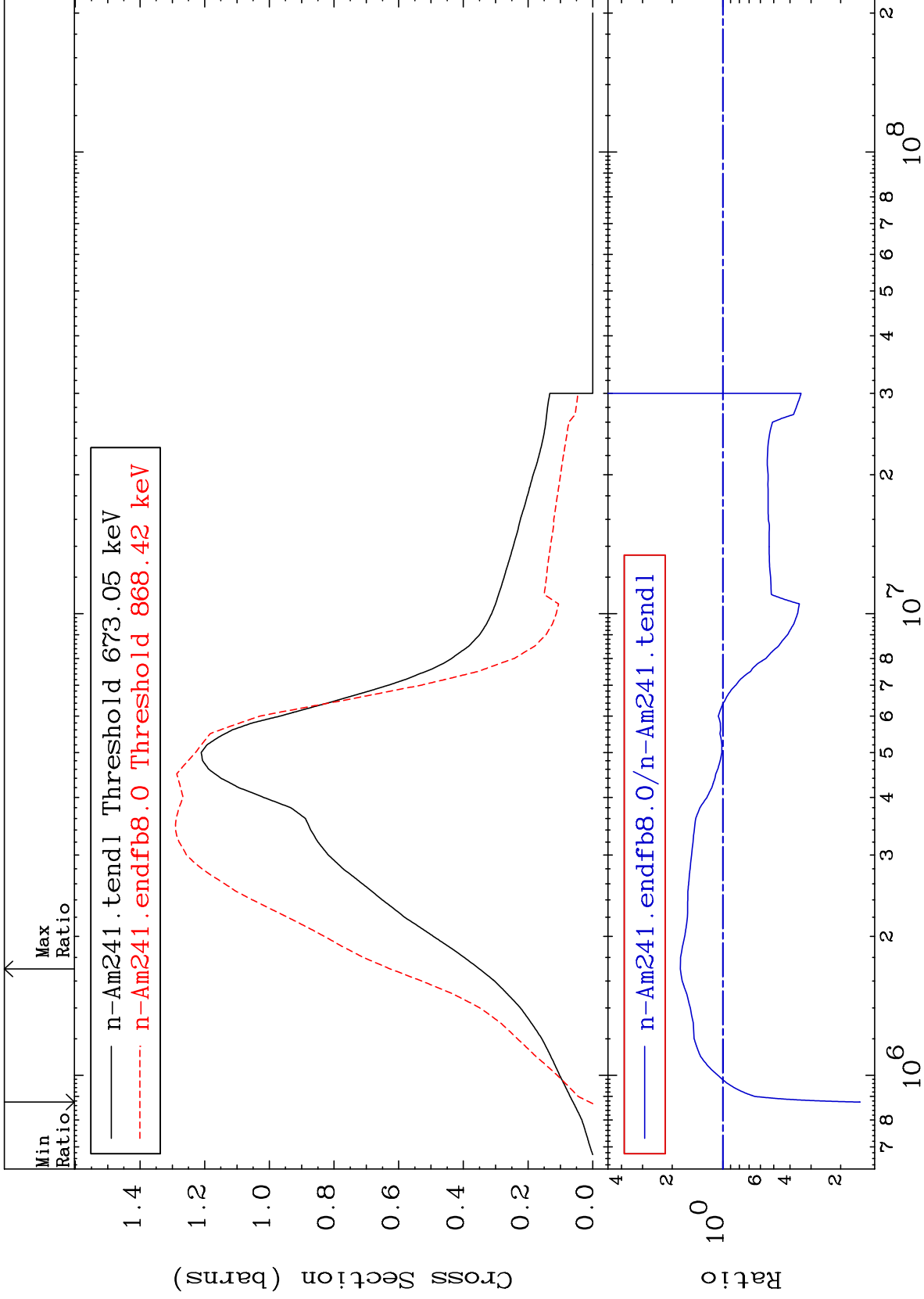
95-Am-241
-100.0 To 46.48 %



MAT 9543

(n, n') Continuum
Cross Section

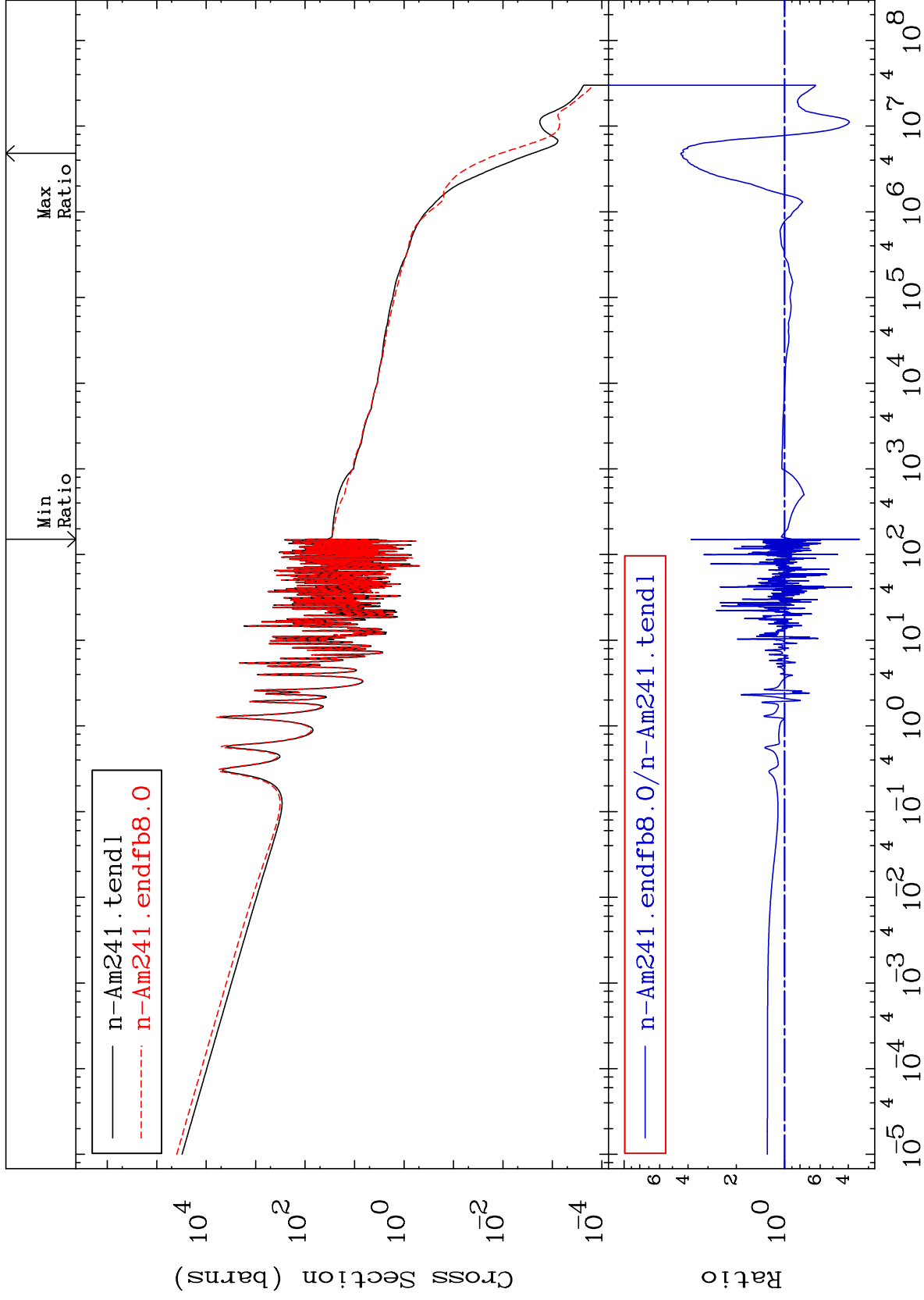
95-Am-241
-84.51 To 78.83 %



MAT 9543

(n, γ)
Cross Section

95-Am-241
-65.93 To 343.2 %



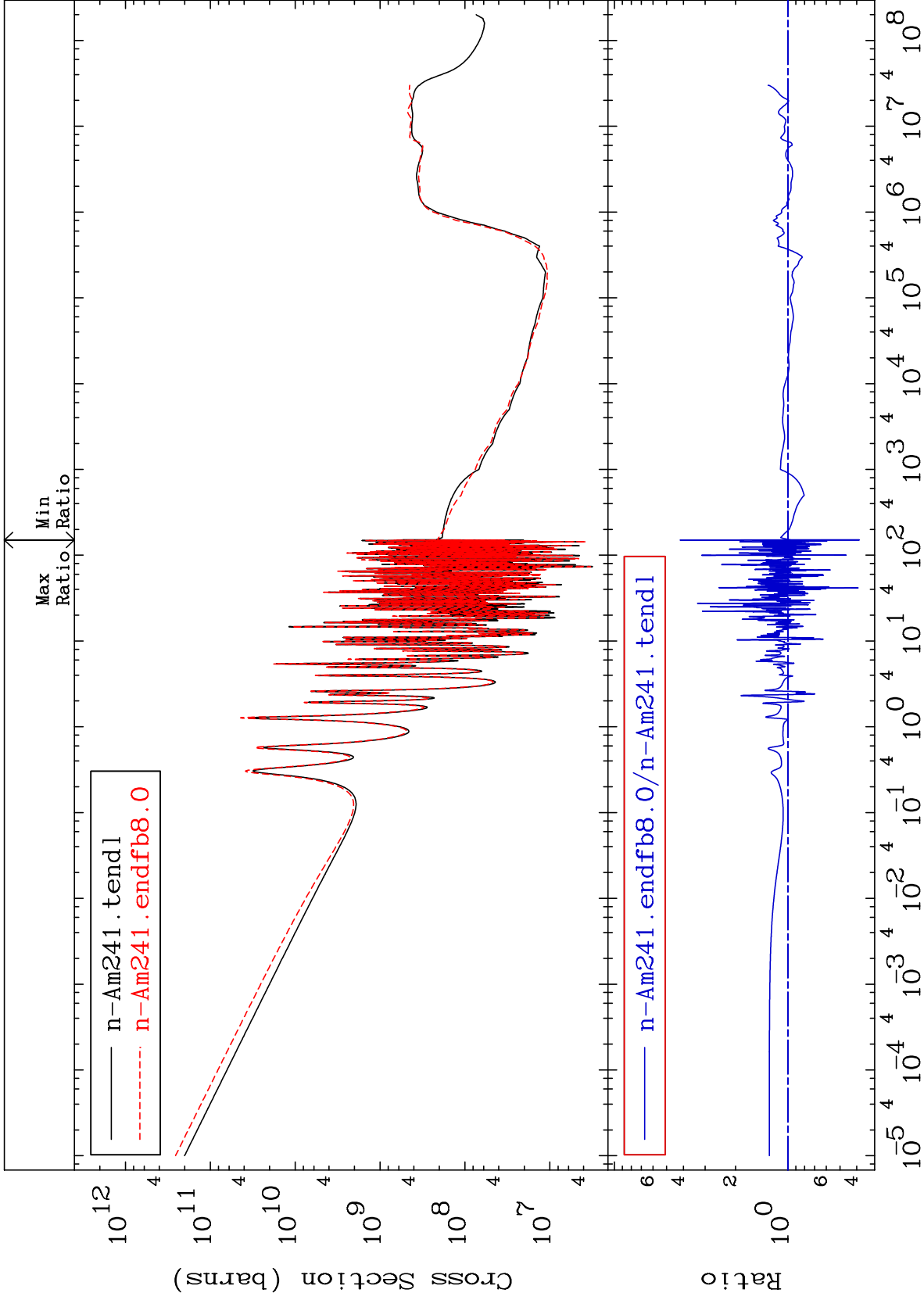
MAT 9543

Kerma total (eV-barns)

95-Am-241

-61.37 To 316.7 %

Cross Section



40

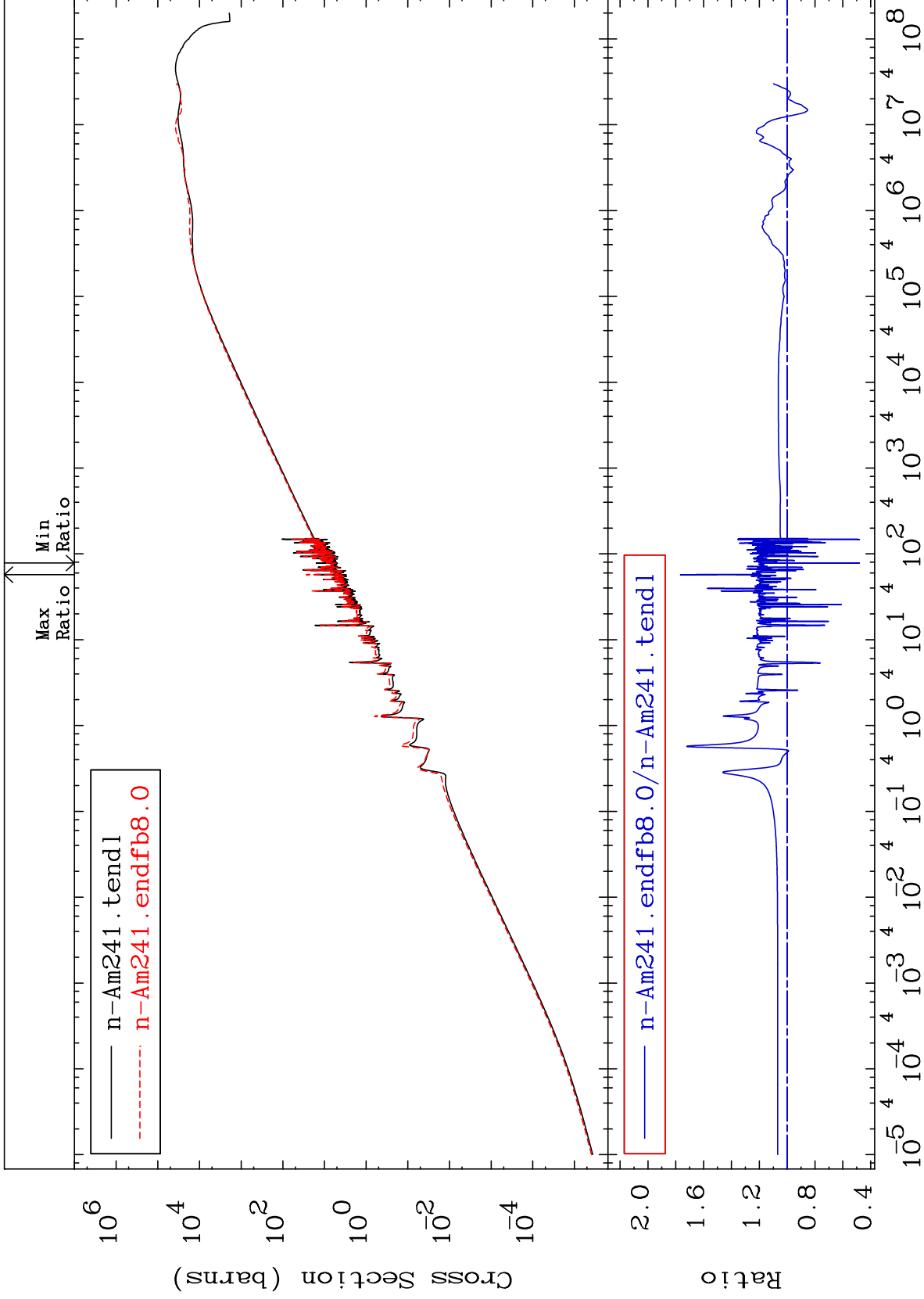
Incident Energy (eV)

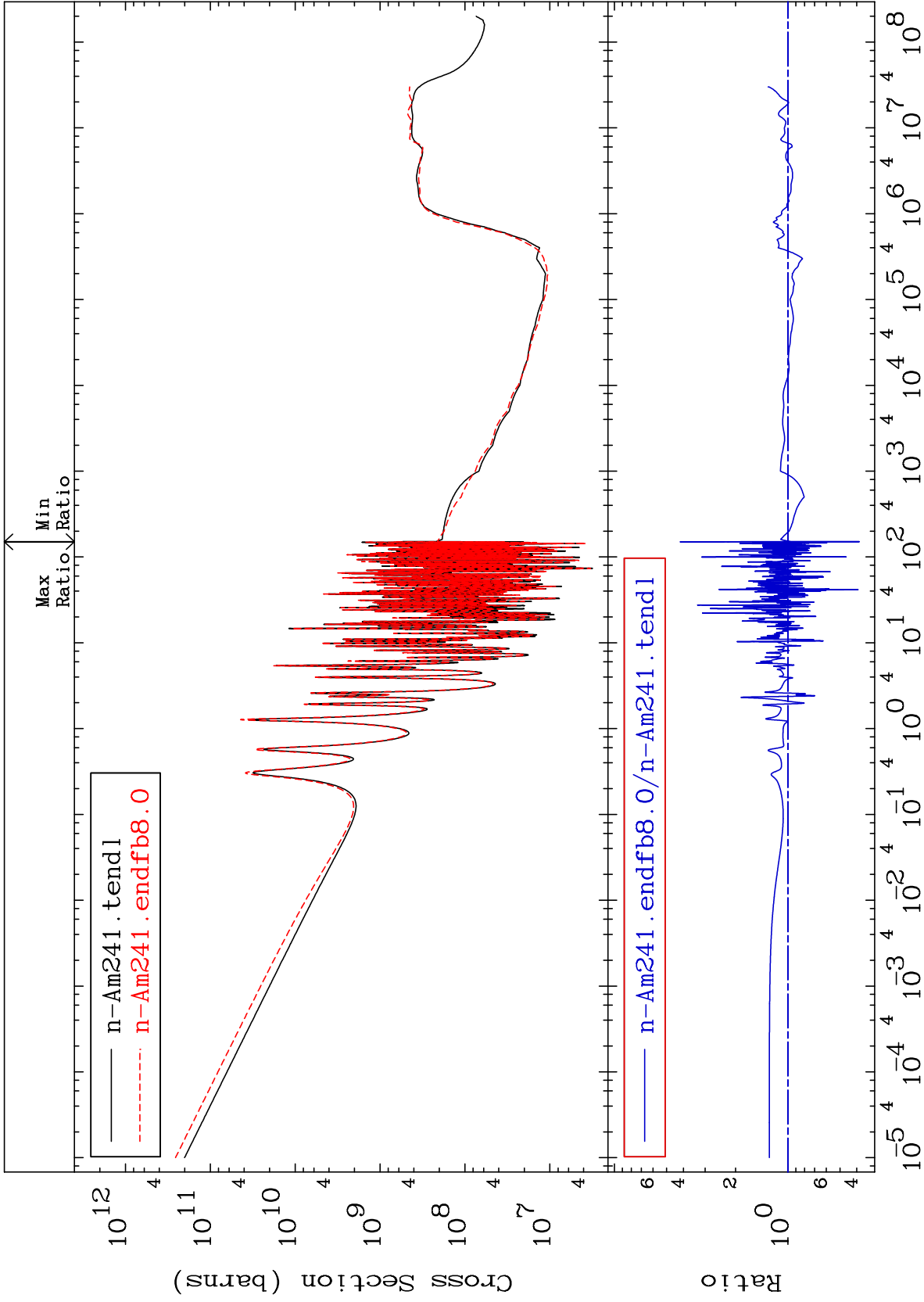
95-Am-241

MAT 9543

Kerma elastic
Cross Section

95-Am-241
-51.93 To 76.69 %

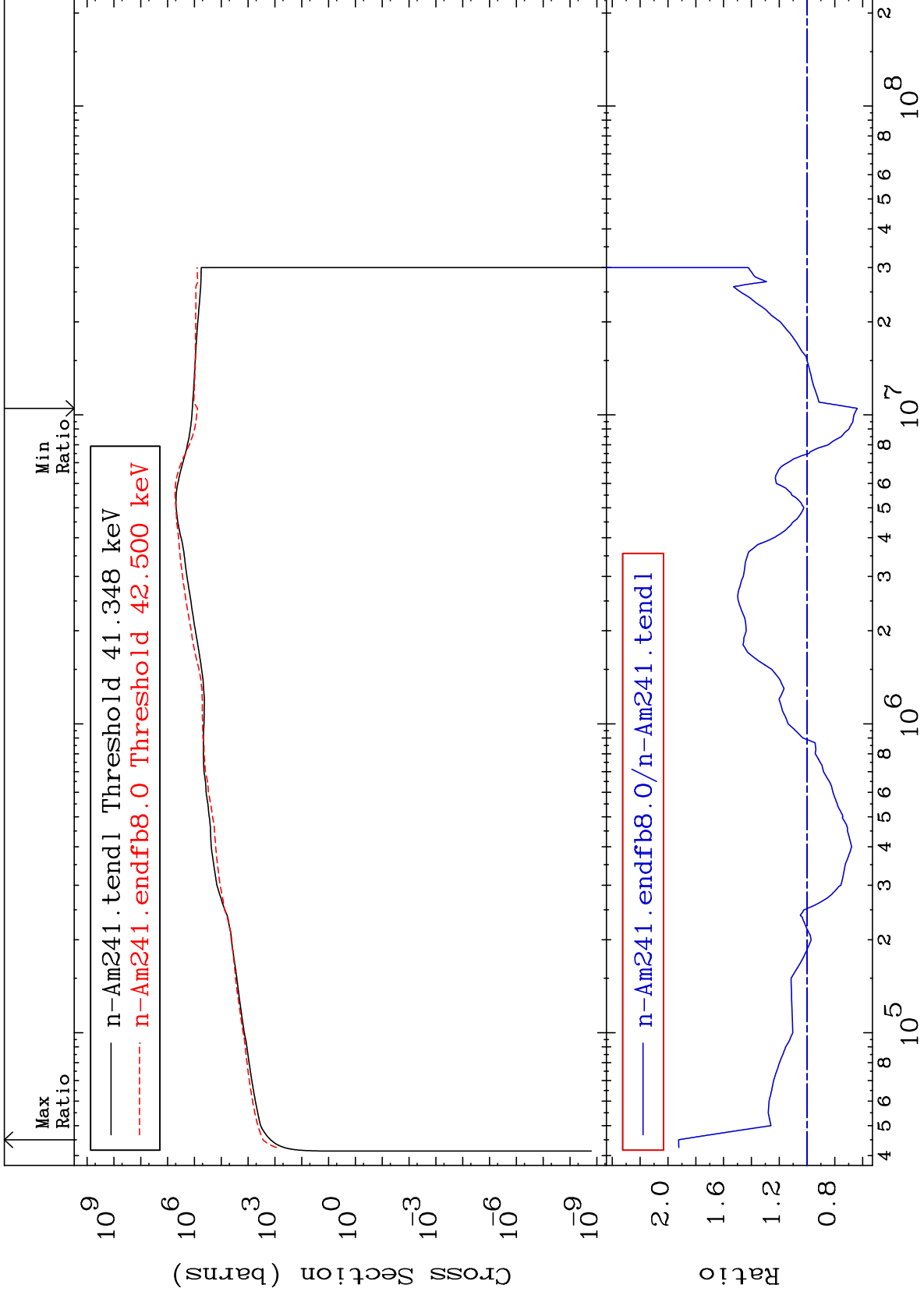


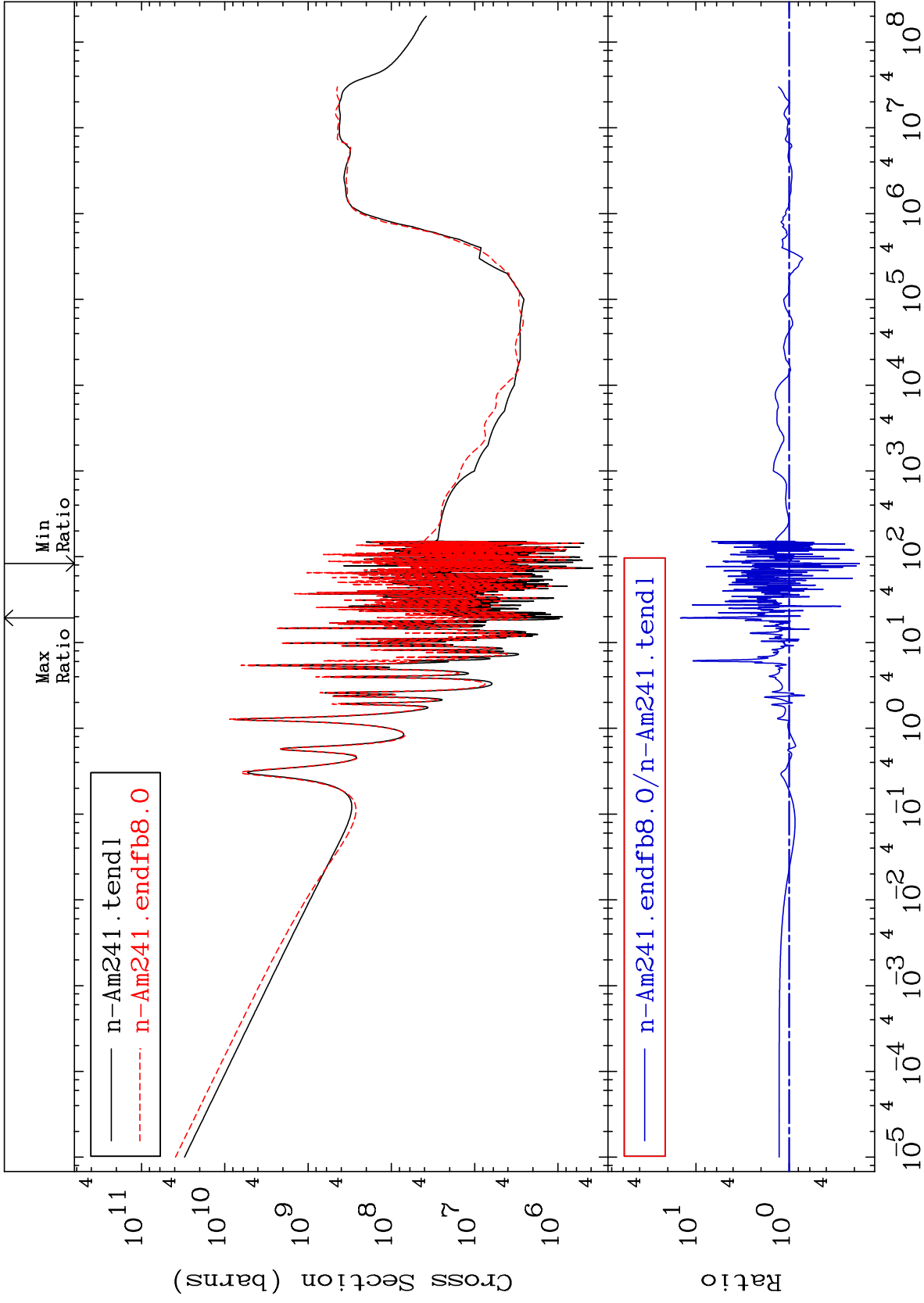


MAT 9543

Kerma inelastic (mt51-91)
Cross Section

95-Am-241
-36.10 To 92.33 %

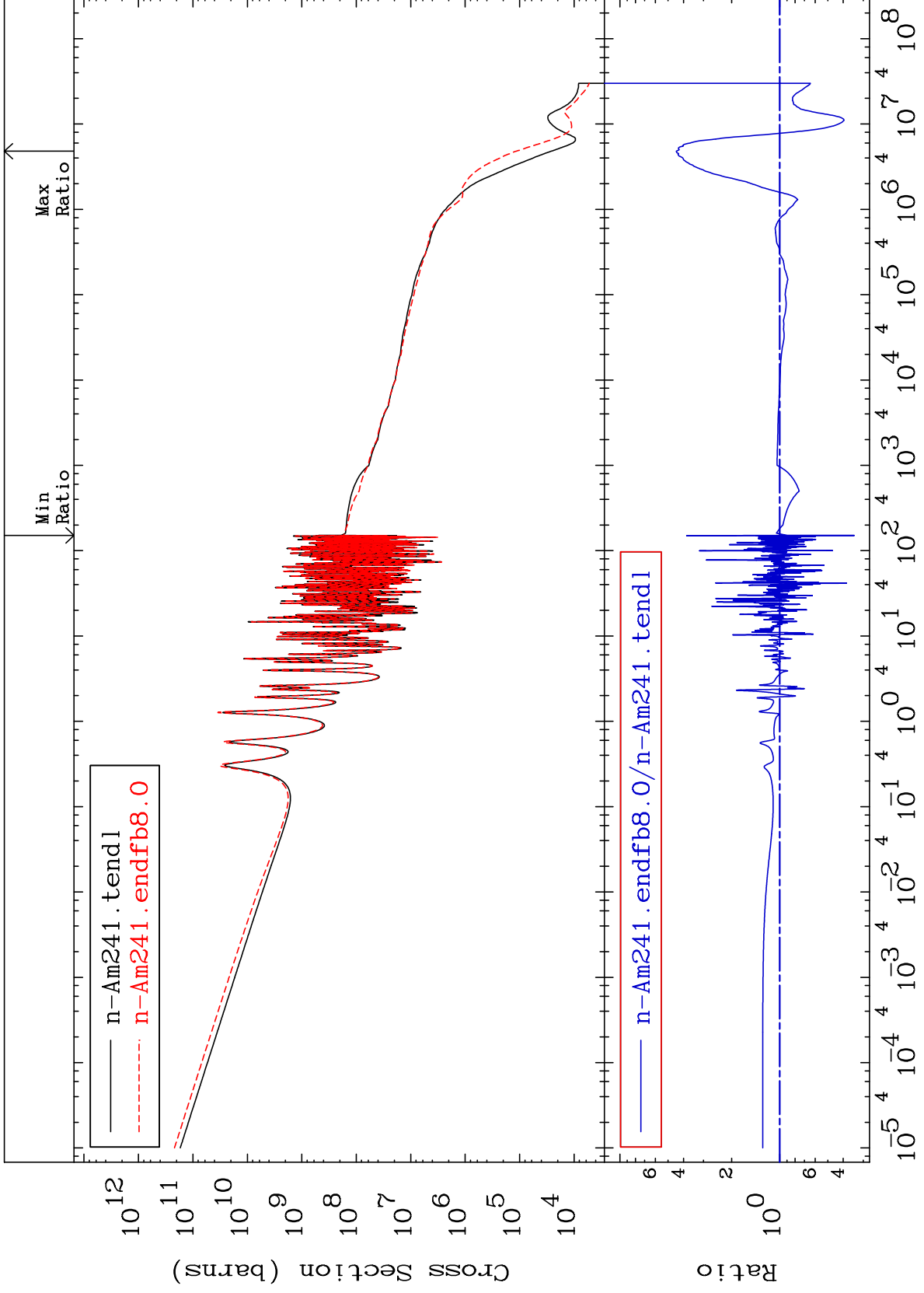




MAT 9543

Kerma capture (mt102)
Cross Section

95-Am-241
-65.93 To 343.4 %



45

Incident Energy (eV)

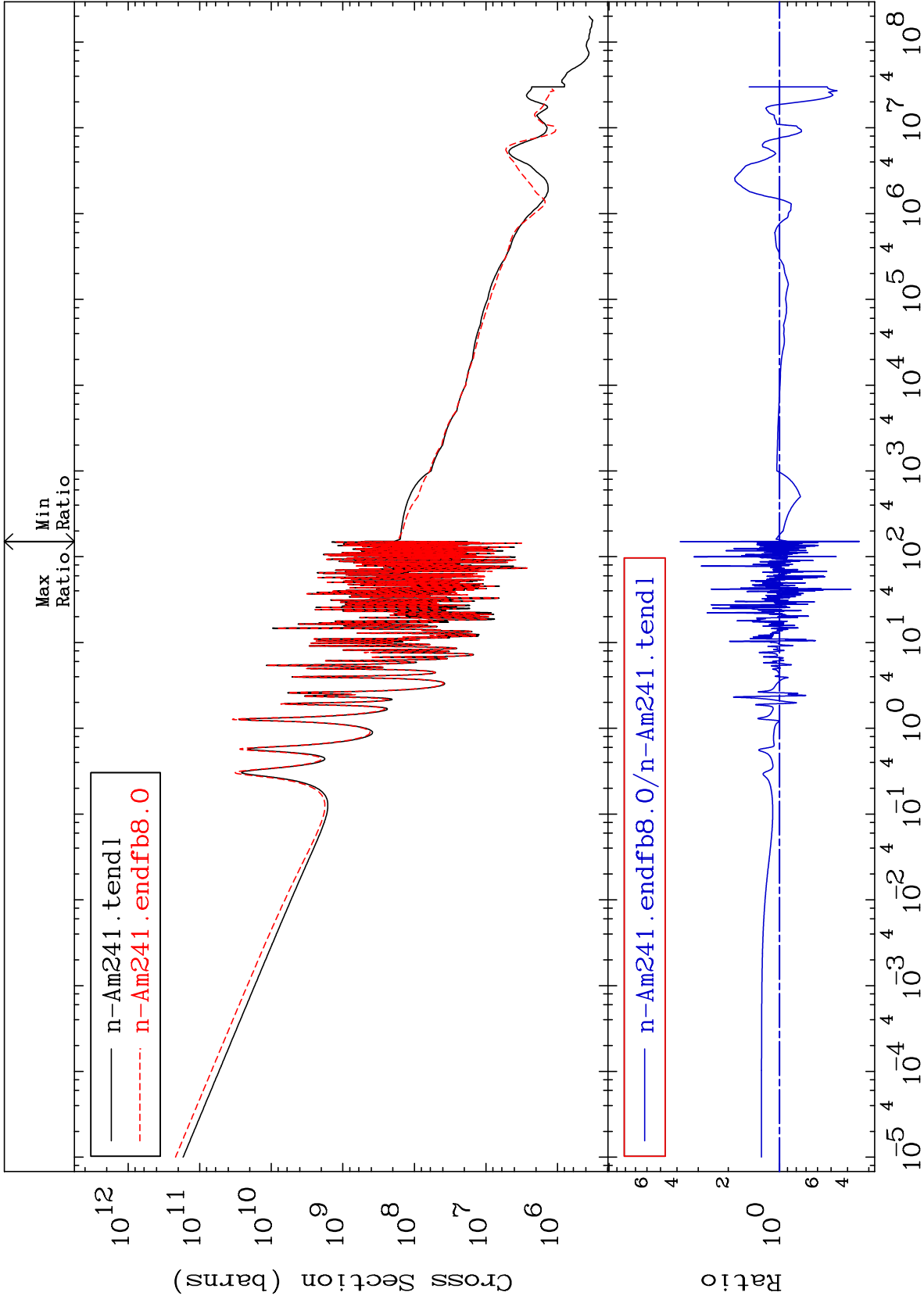
95-Am-241

MAT 9543

Total photon (eV-barns)
Cross Section

95-Am-241

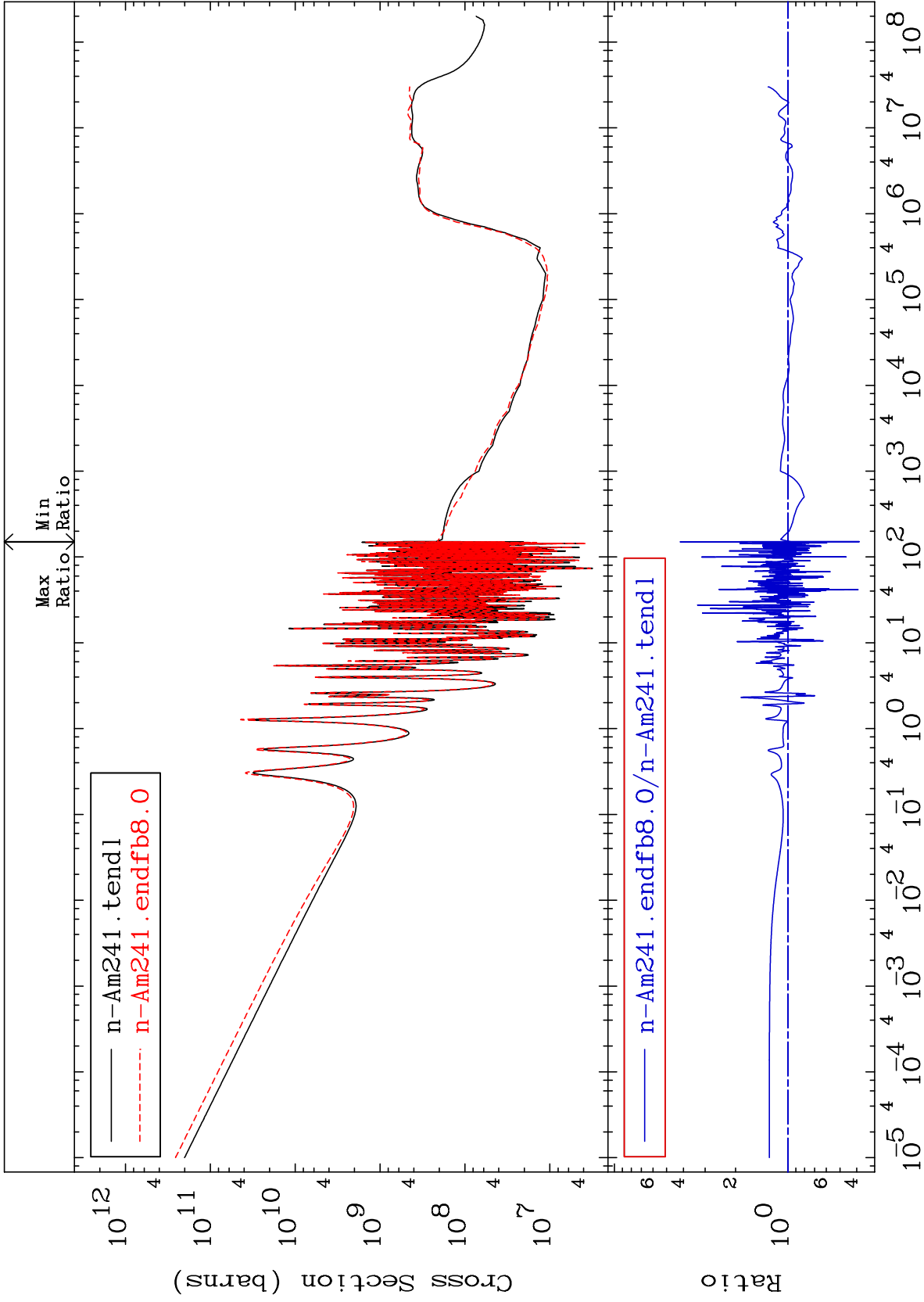
-65.93 To 281.9 %



46

Incident Energy (eV)

95-Am-241



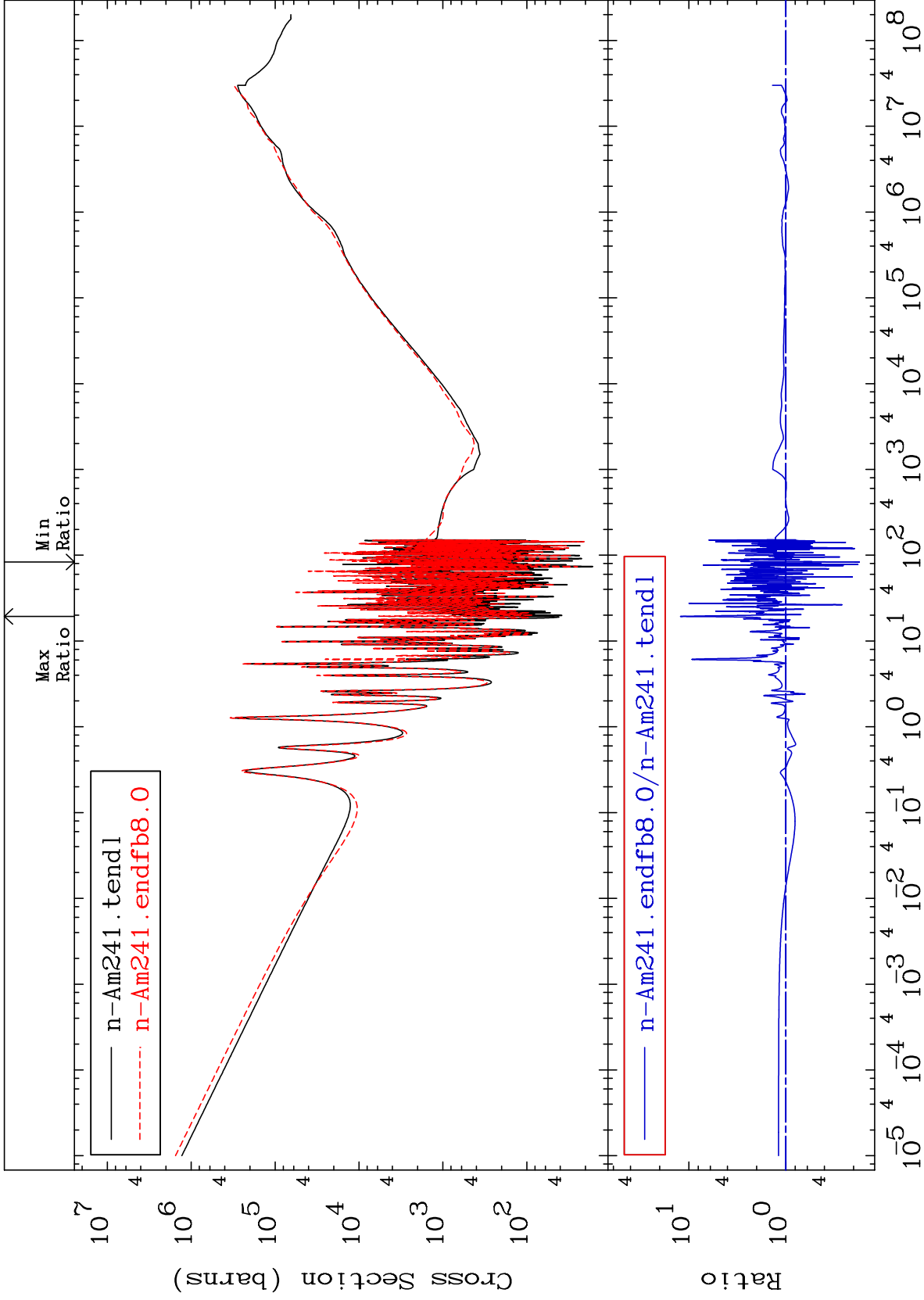
MAT 9543

Dpa total (eV-barns)

95-Am-241

-82.55 To 1125. %

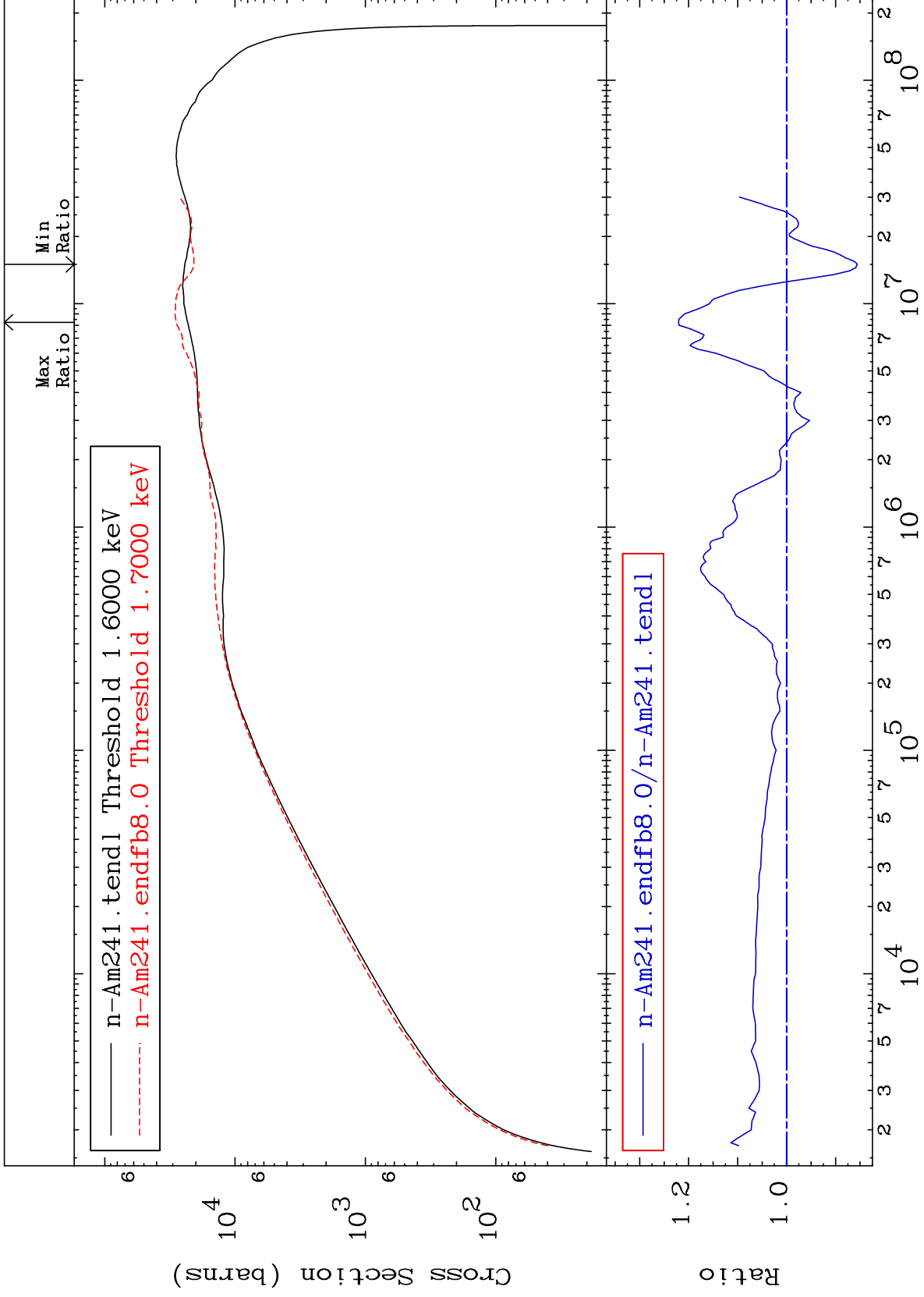
Cross Section



MAT 9543

Dpa elastic (mt2)
Cross Section

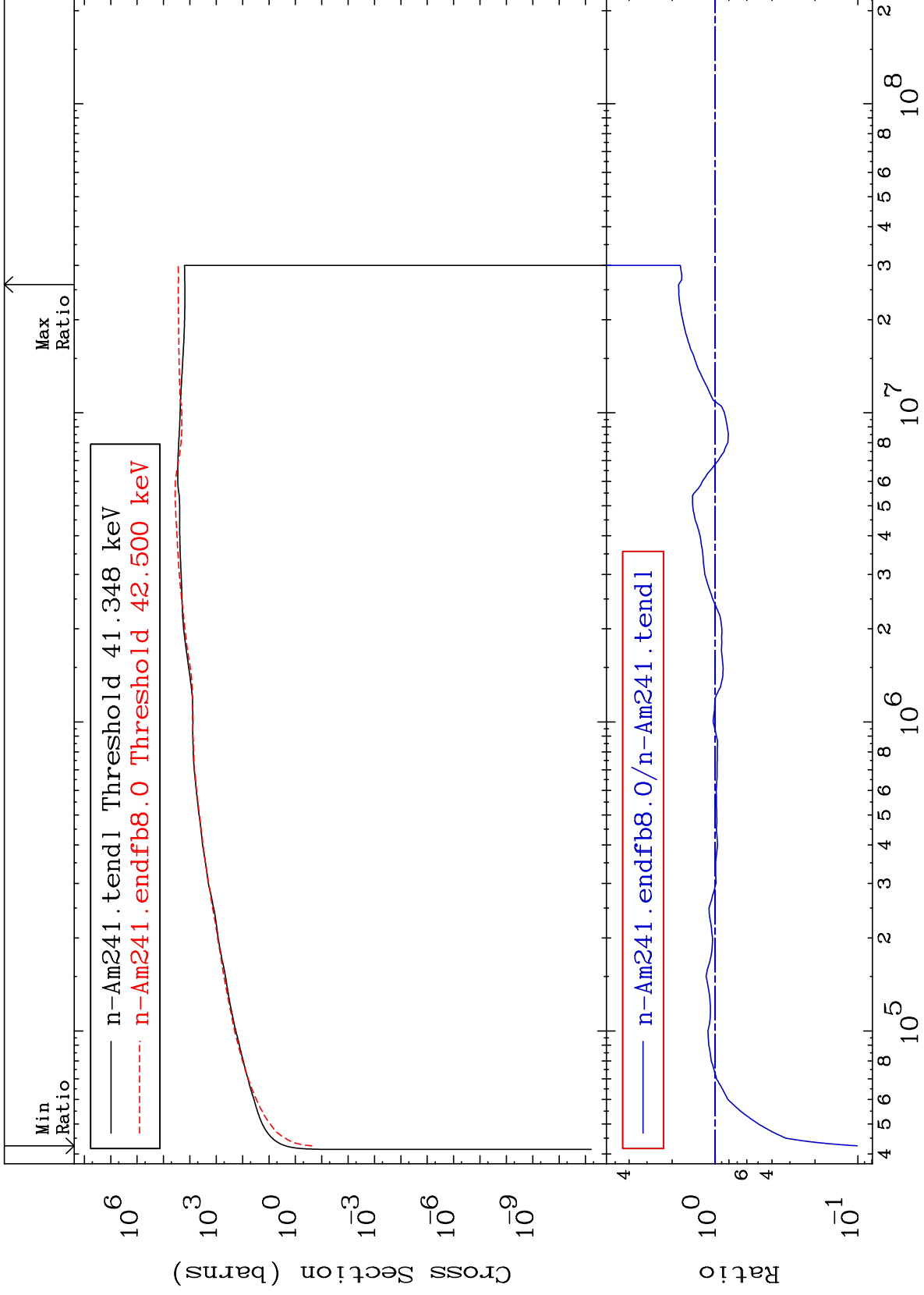
95-Am-241
-14.43 To 22.05 %



MAT 9543

Dpa inelastic (mt51-91)
Cross Section

95-Am-241
-89.89 To 79.98 %



MAT 9543

Dpa disappearance (mt102 -120)
Cross Section

95-Am-241
-100.0 To 172.3 %

