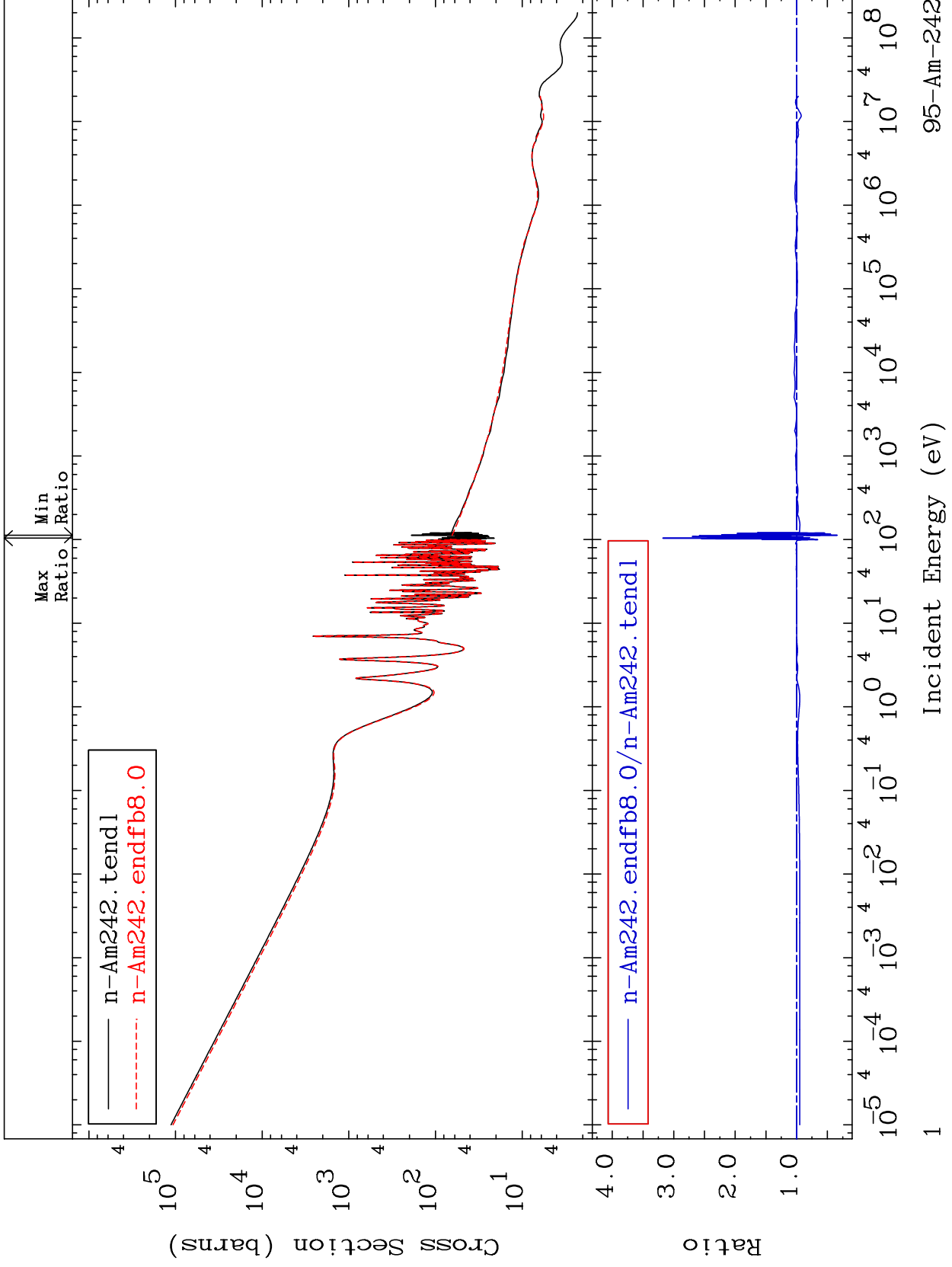


MAT 9546

Total Cross Section
95-Am-242
-66.20 To 217.7 %

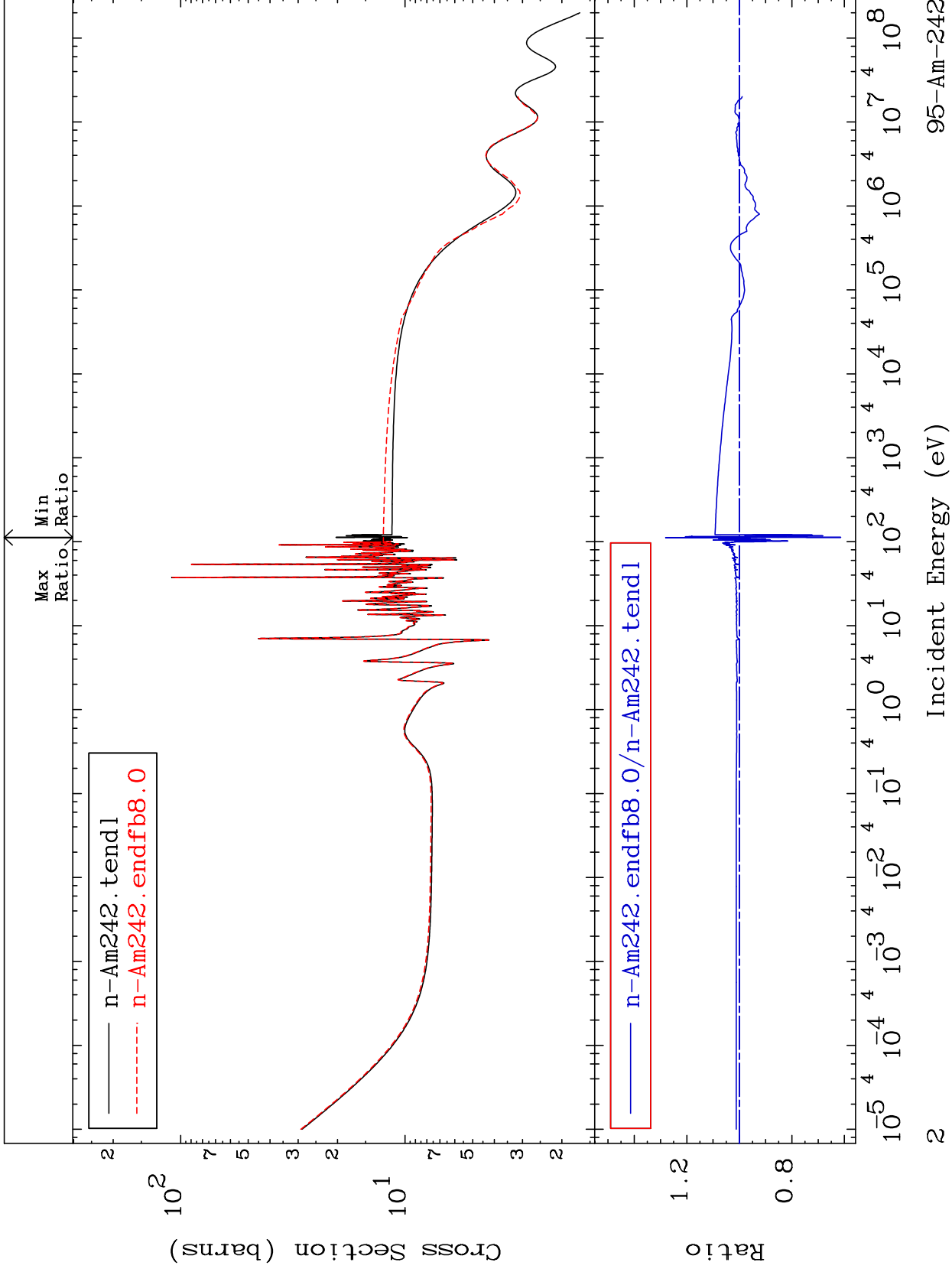


95-Am-242

MAT 9546

Elastic
Cross Section

95-Am-242
-38.57 To 28.09 %

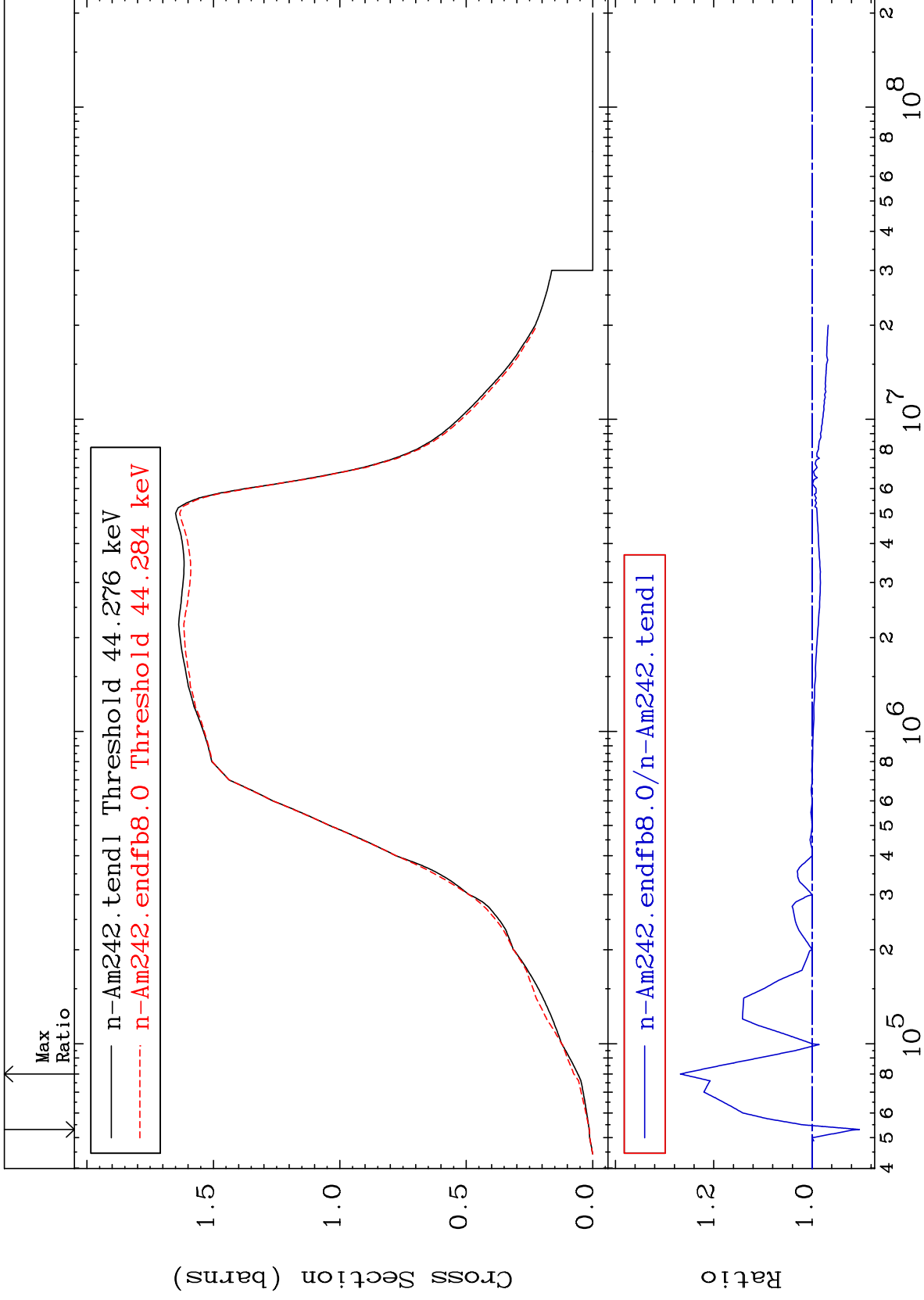


95-Am-242

MAT 9546

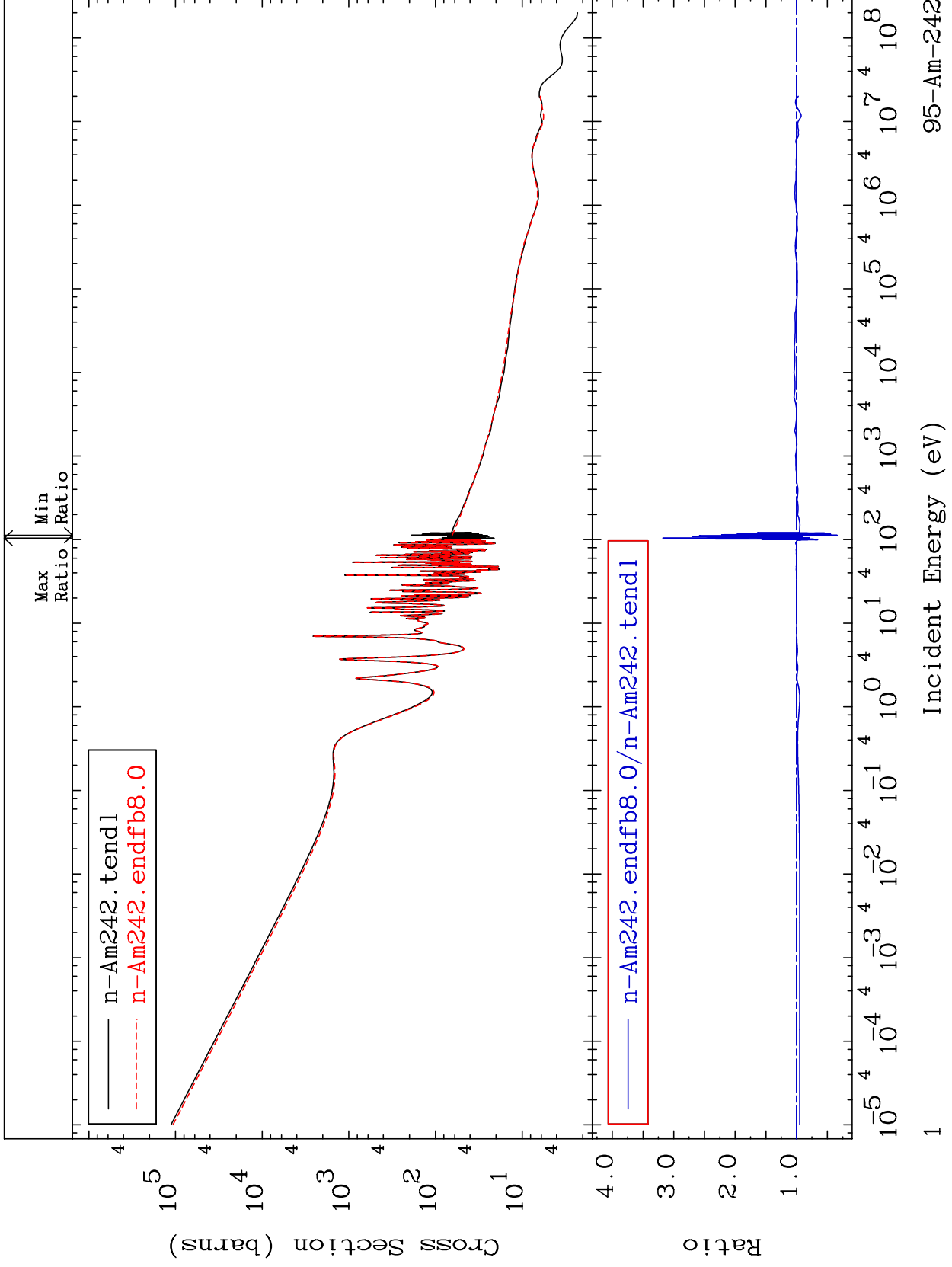
Inelastic
Cross Section

95-Am-242
-9.627 To 26.78 %



MAT 9546

Total Cross Section
95-Am-242
-66.20 To 217.7 %

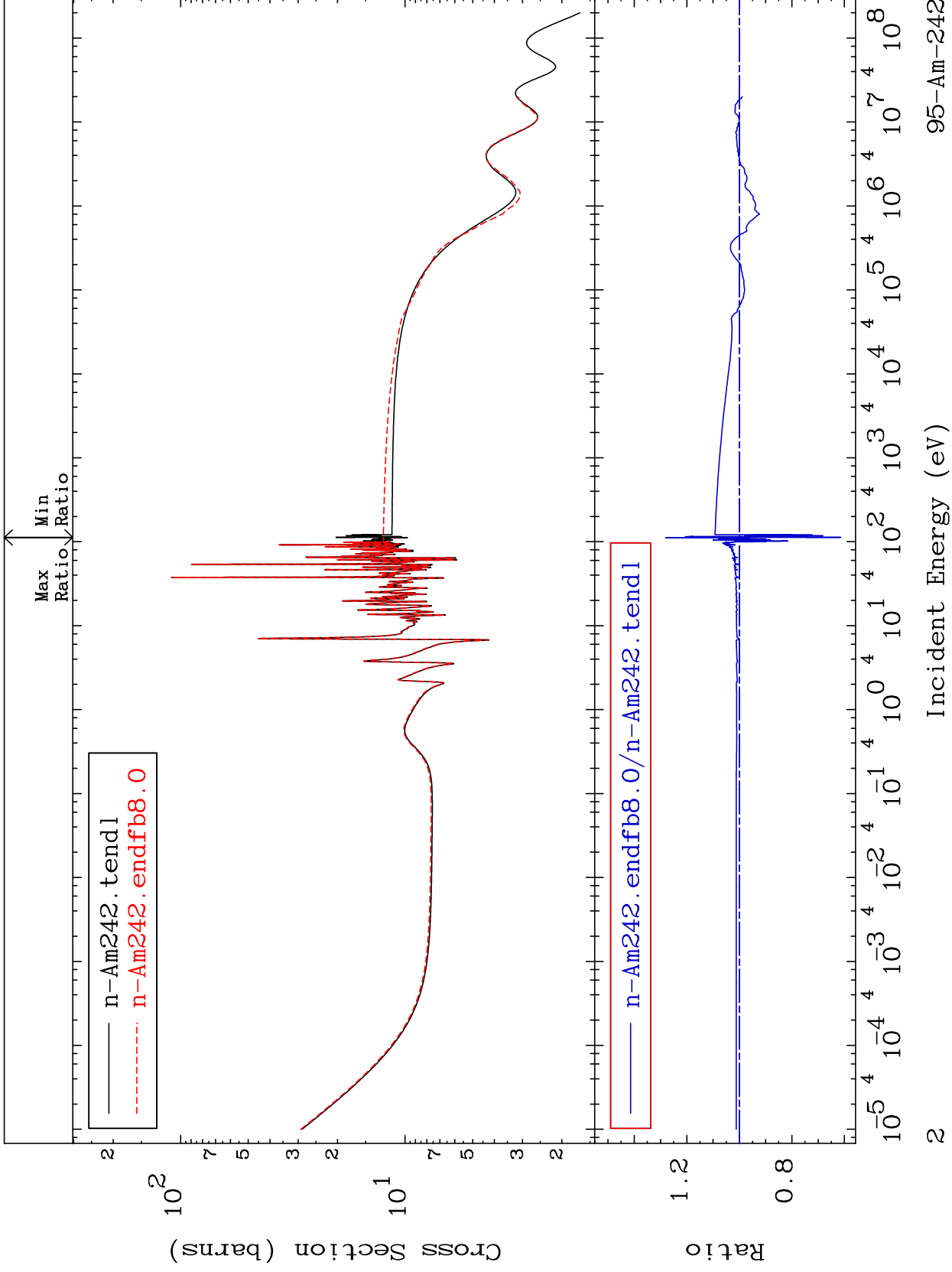


95-Am-242

MAT 9546

Elastic
Cross Section

95-Am-242
-38.57 To 28.09 %

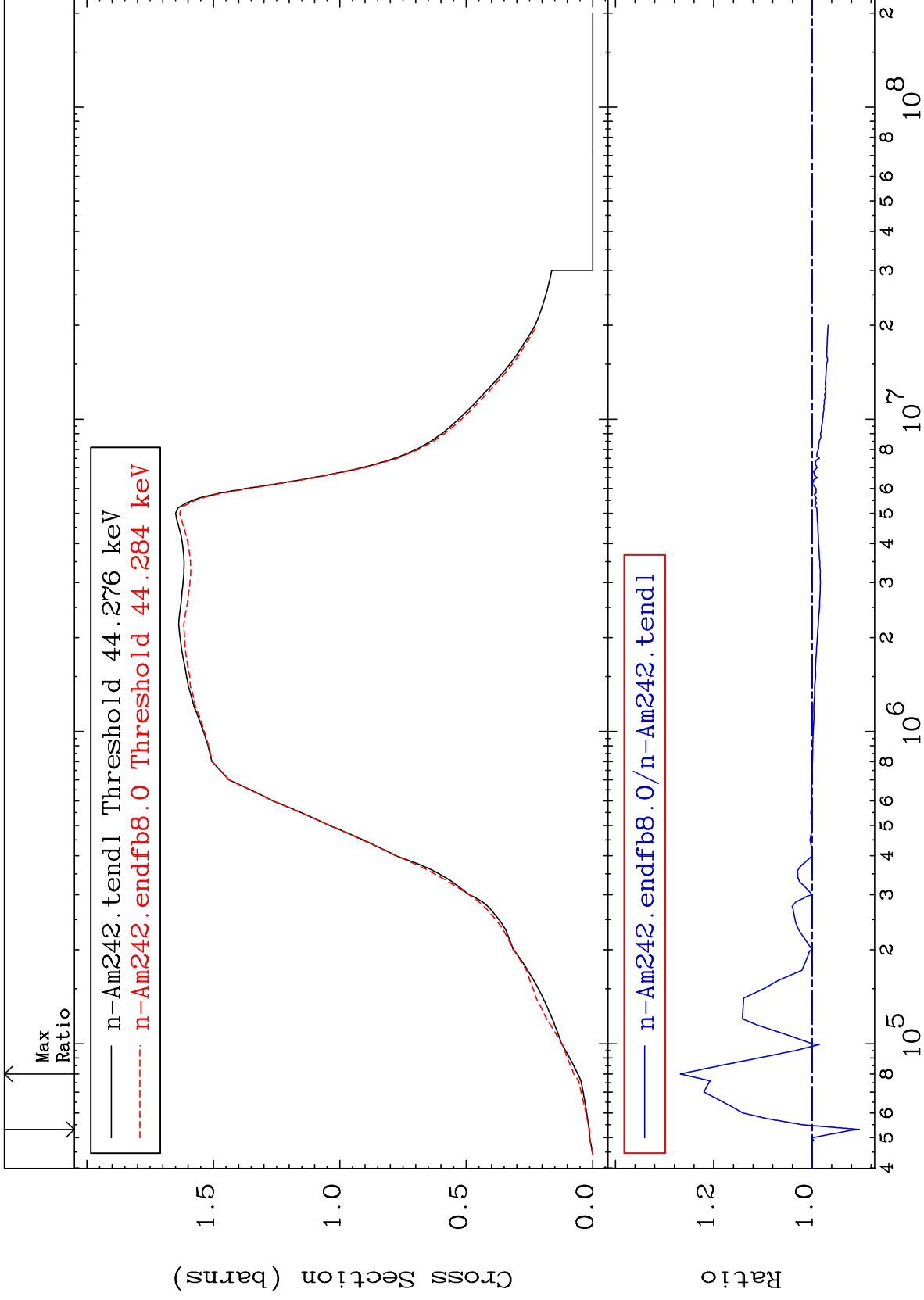


95-Am-242

MAT 9546

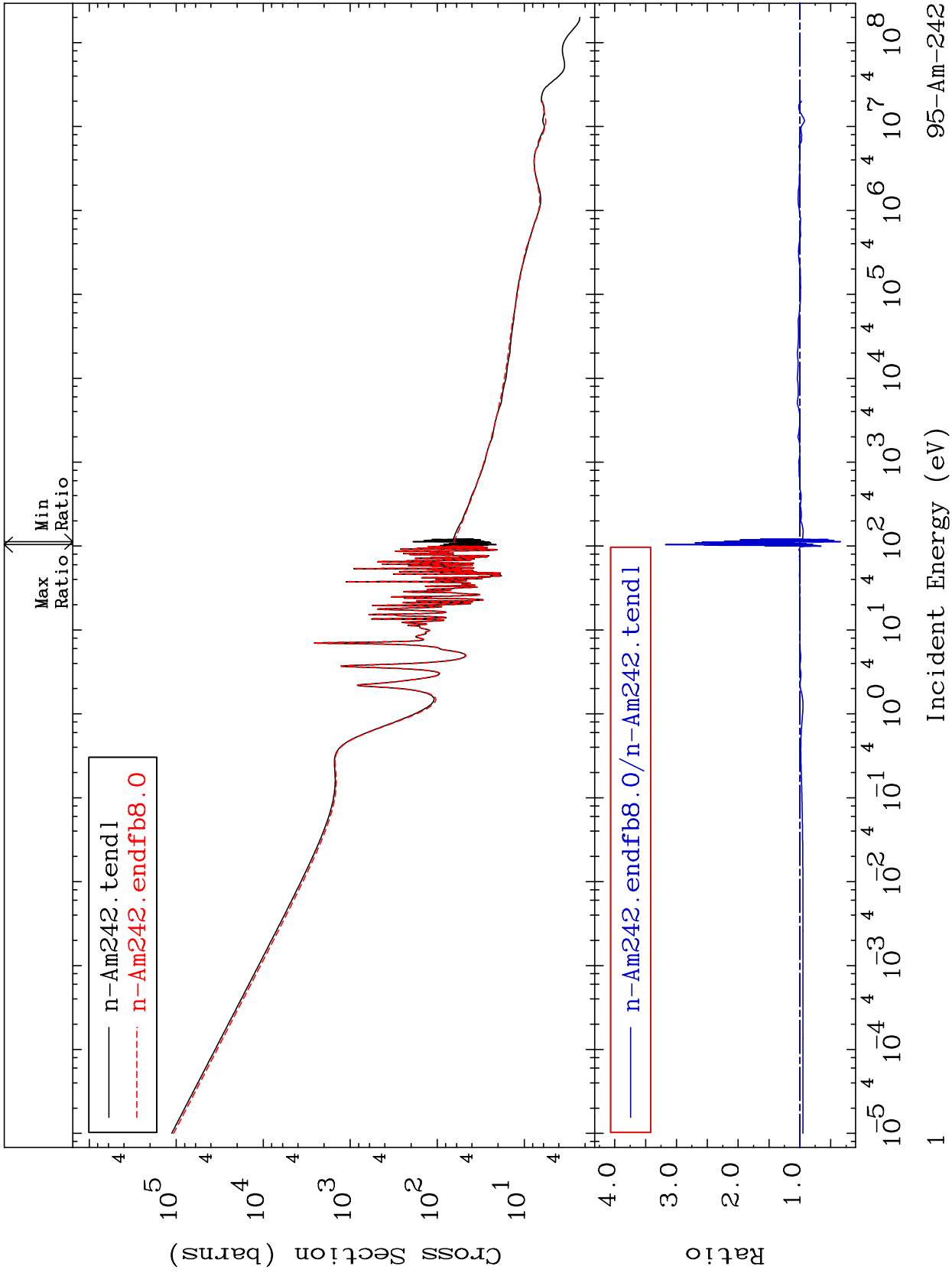
Inelastic
Cross Section

95-Am-242
-9.627 To 26.78 %



MAT 9546

Total Cross Section
95-Am-242
-66.20 To 217.7 %

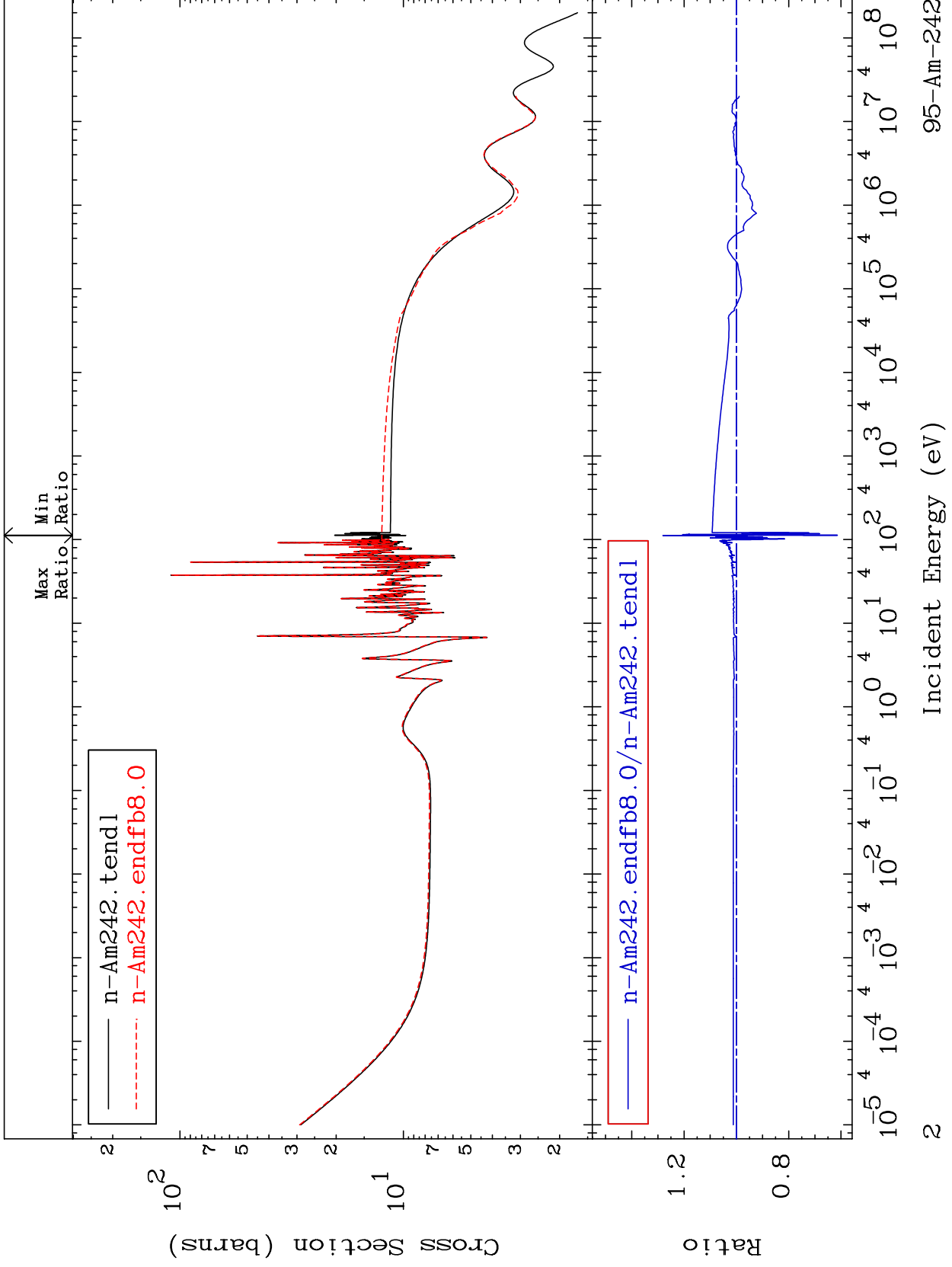


95-Am-242

MAT 9546

Elastic
Cross Section

95-Am-242
-38.57 To 28.09 %

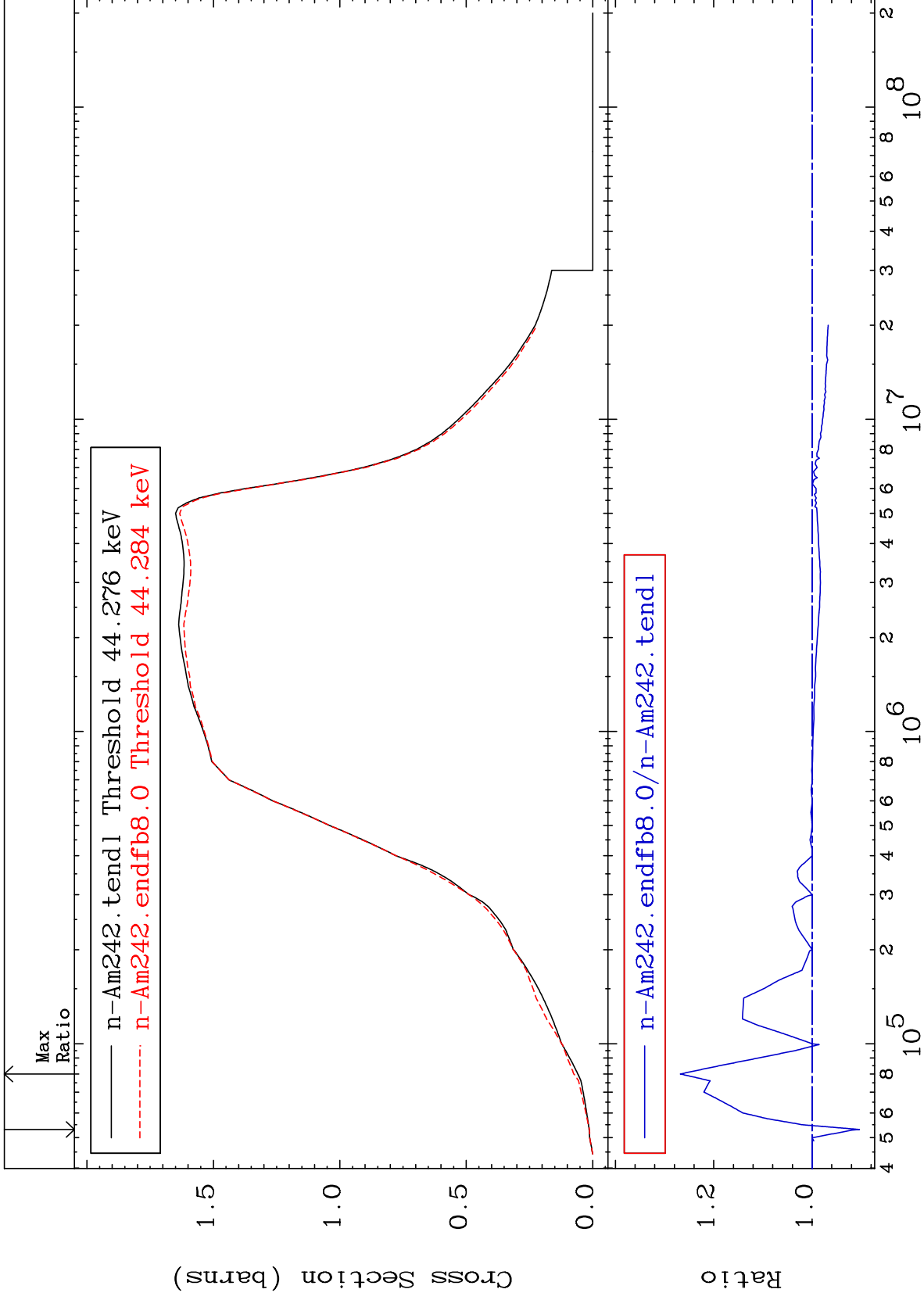


95-Am-242

MAT 9546

Inelastic
Cross Section

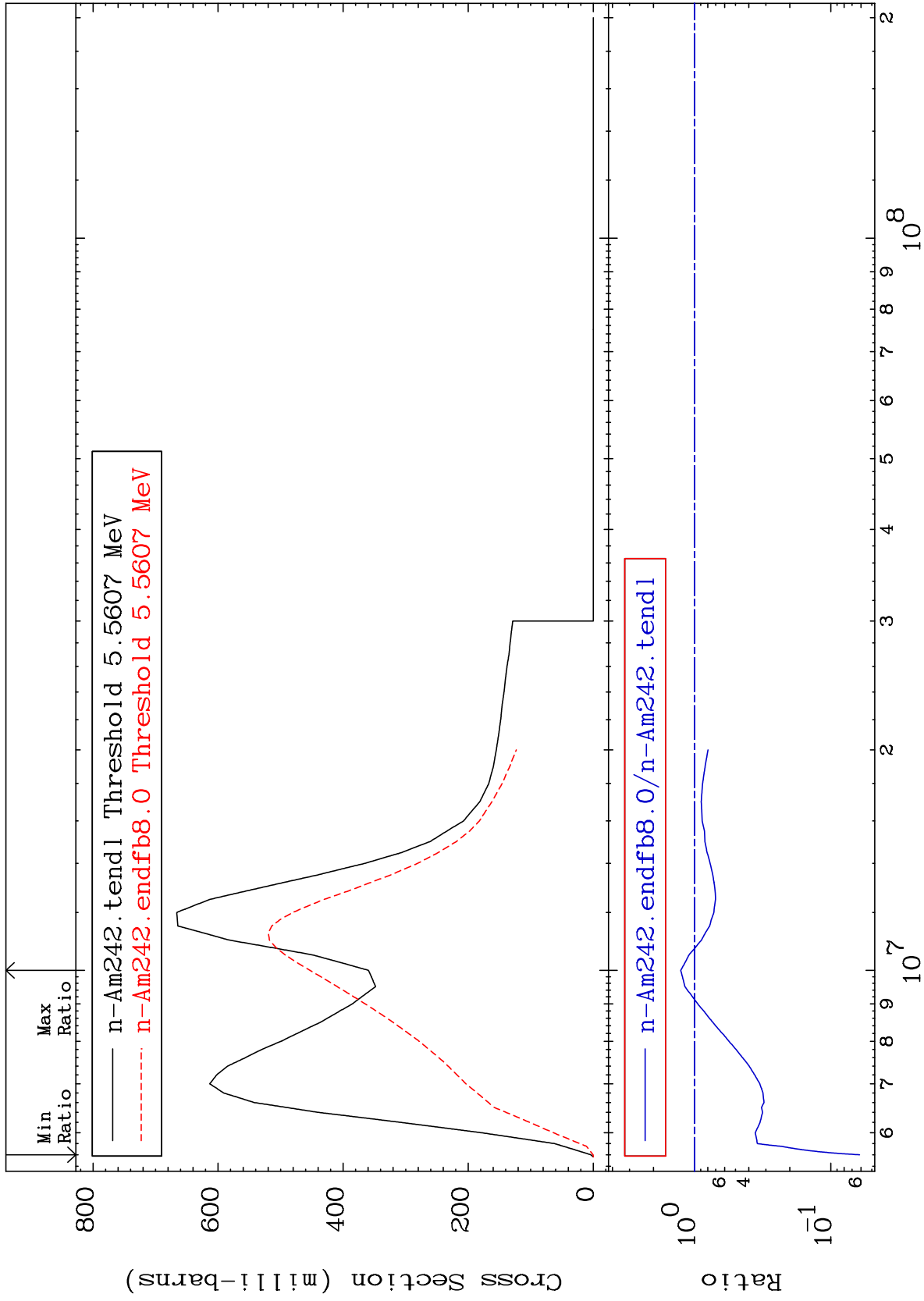
95-Am-242
-9.627 To 26.78 %



MAT 9546

(n,2n)
Cross Section

95-Am-242
-93.84 To 26.10 %



4

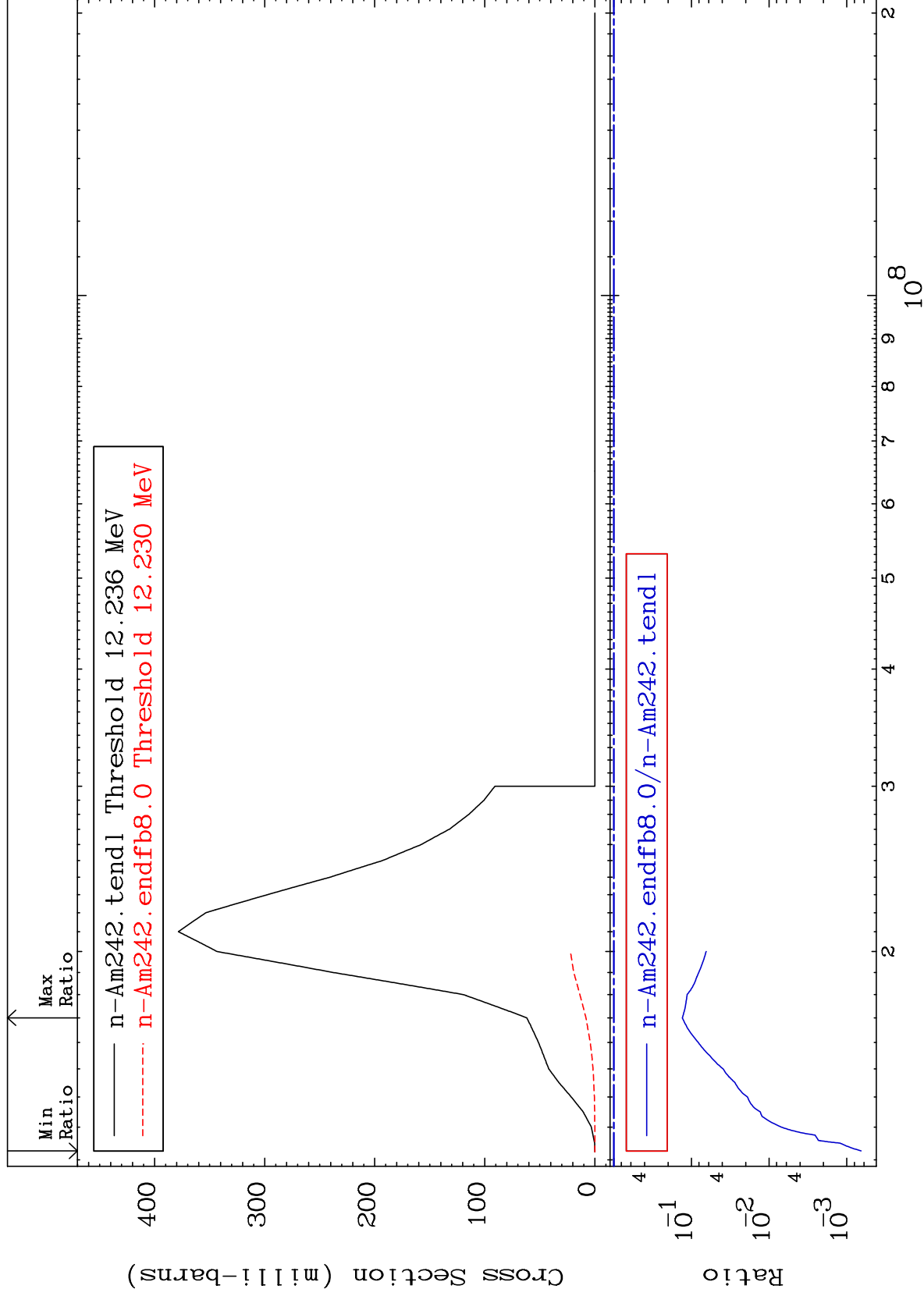
Incident Energy (eV)

95-Am-242

MAT 9546

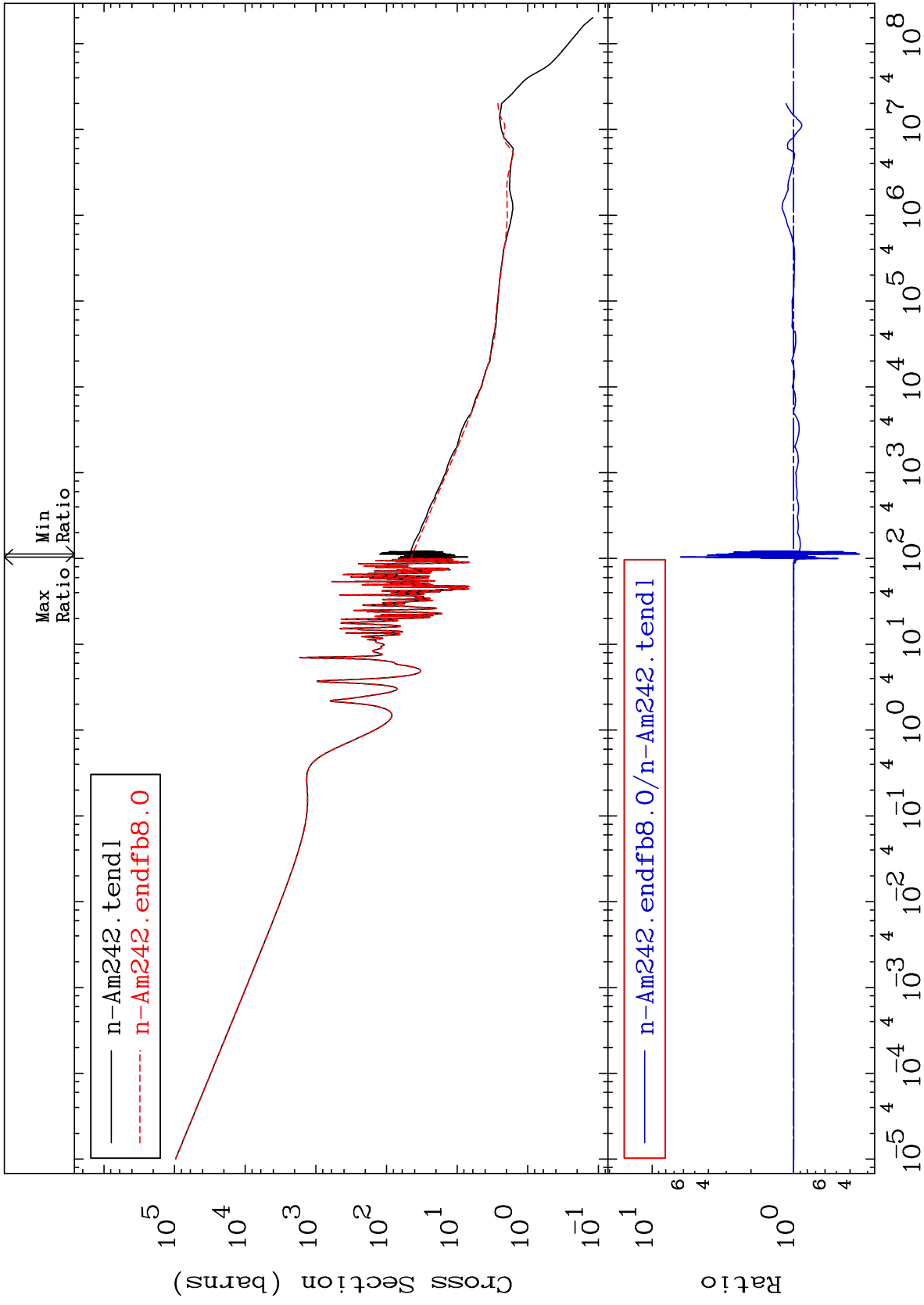
(n, 3n)
Cross Section

95-Am-242
-99.93 To -86.91%



MAT 9546

Fission Cross Section 95-Am-242
-65.71 To 531.3 %



95-Am-242

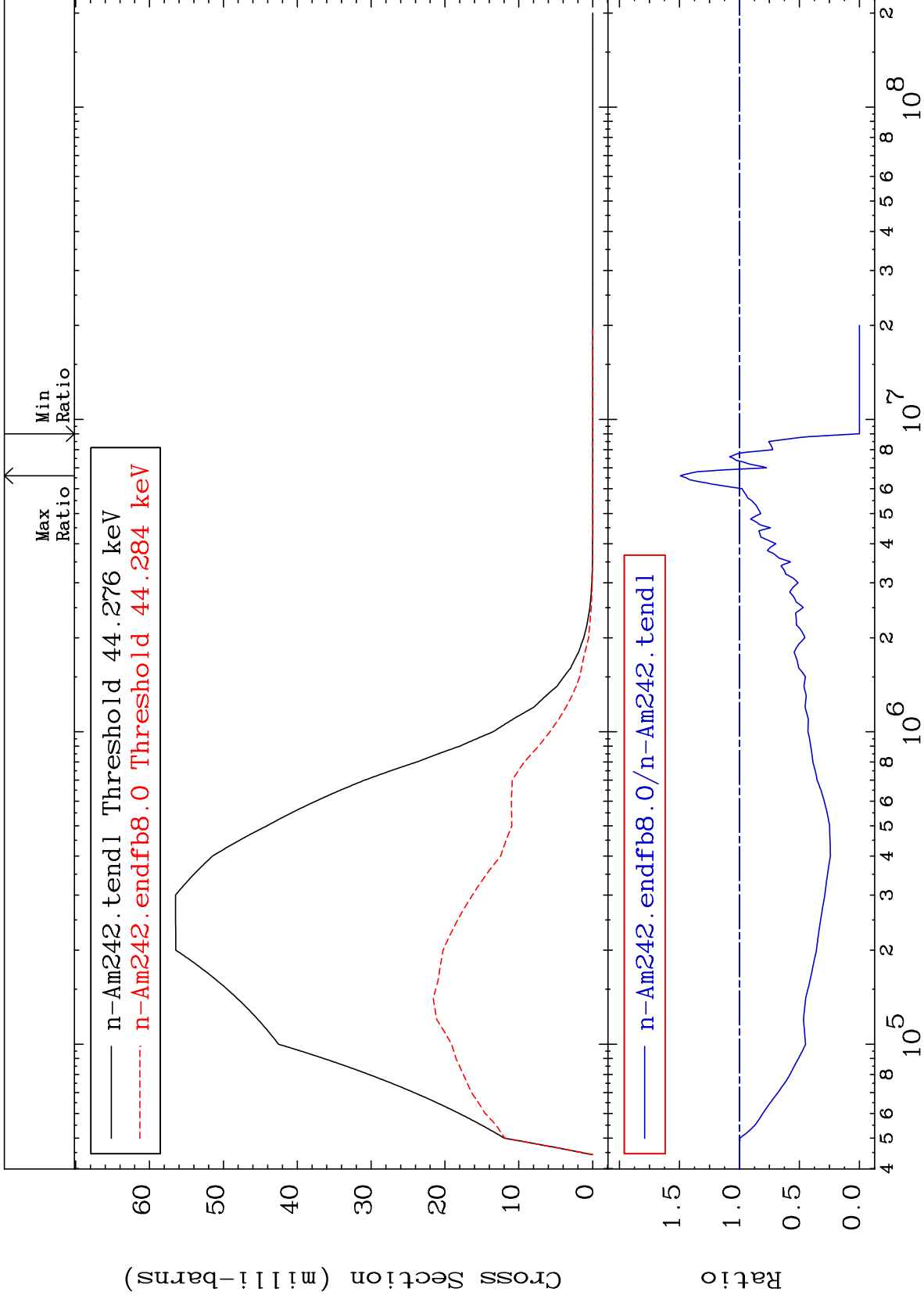
Incident Energy (eV)

6

MAT 9546

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

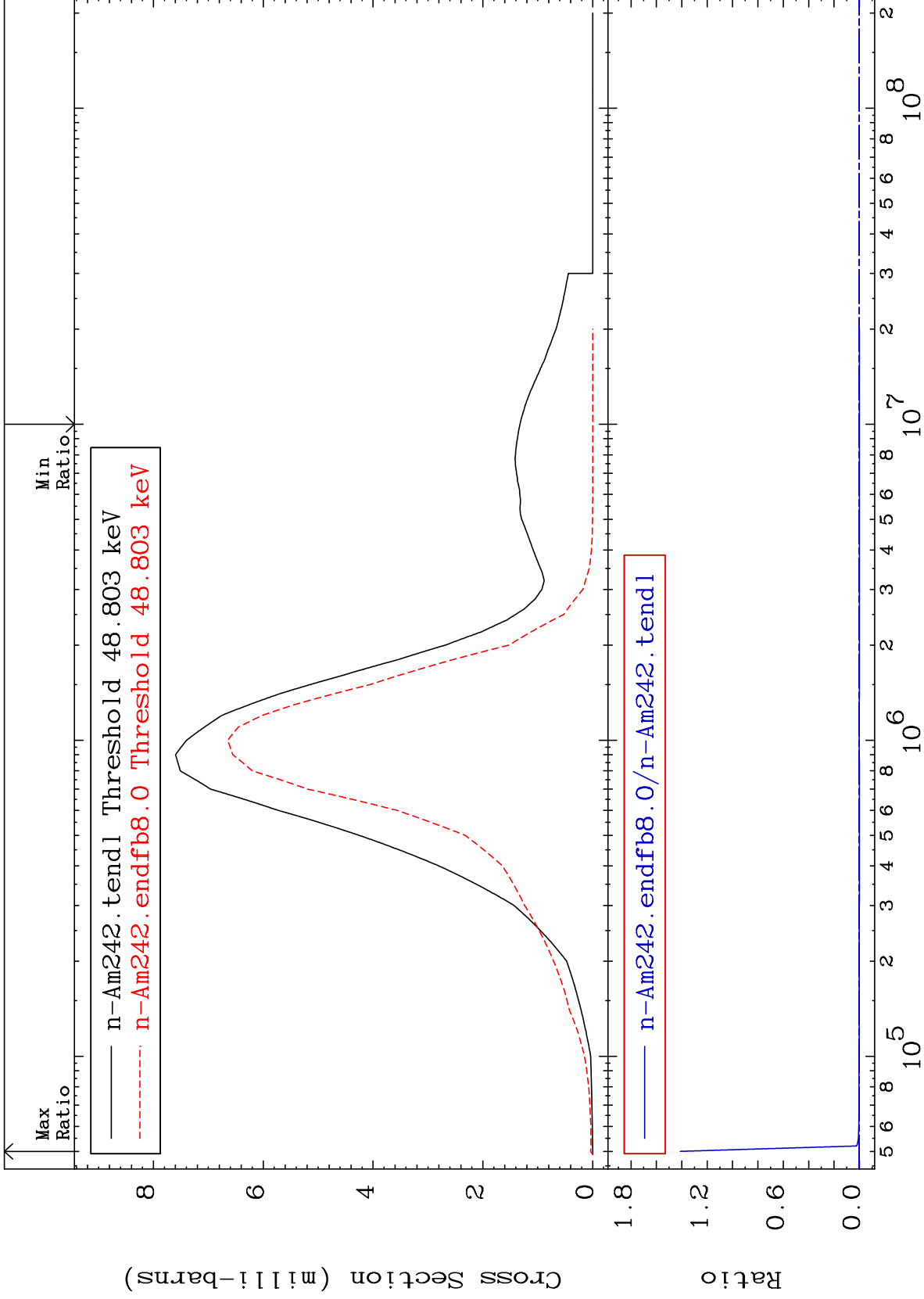
95-Am-242
-100.0 To 49.25 %



MAT 9546

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

95-Am-242
-100.0 To 9999. %



8

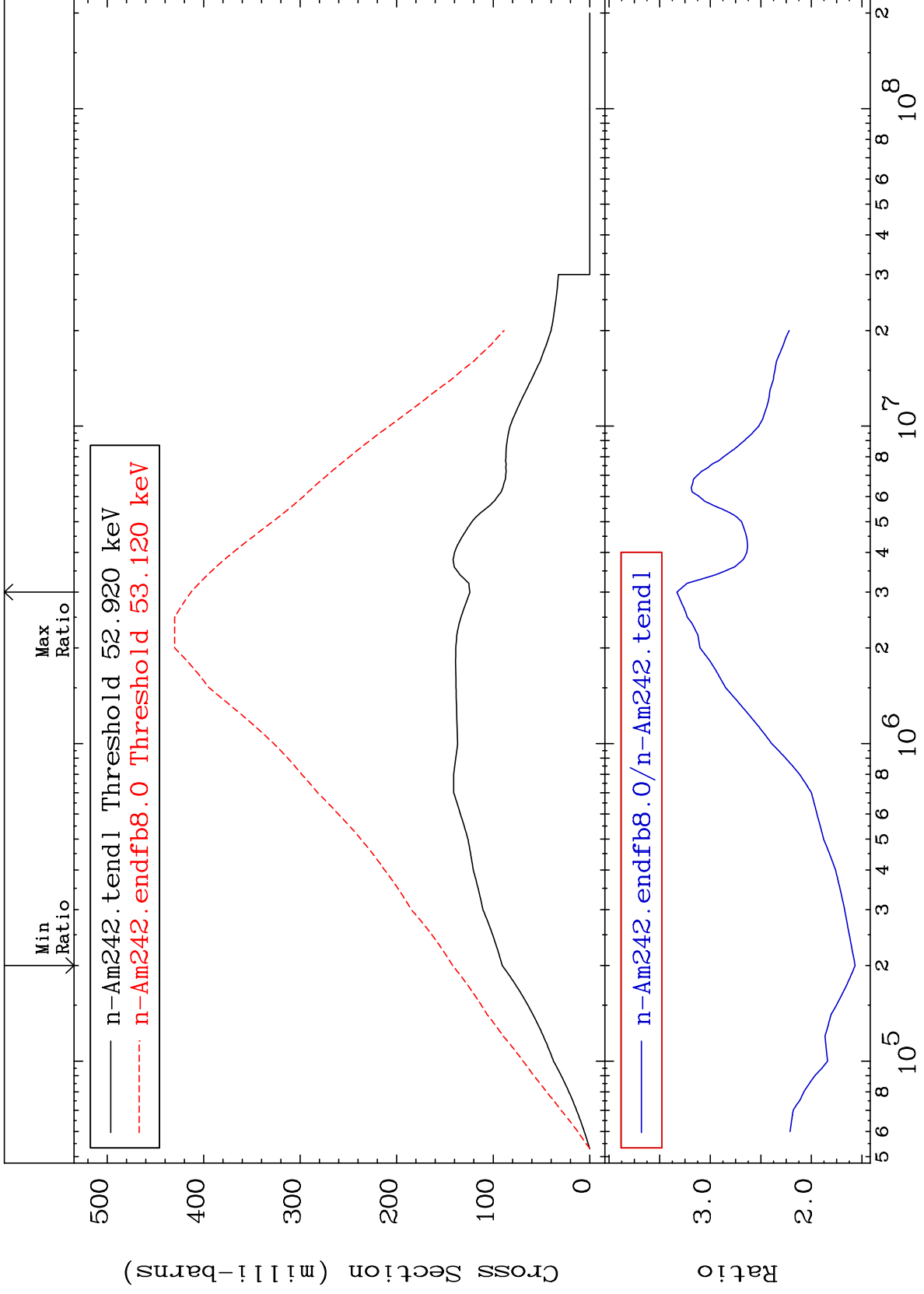
Incident Energy (eV)

95-Am-242

MAT 9546

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

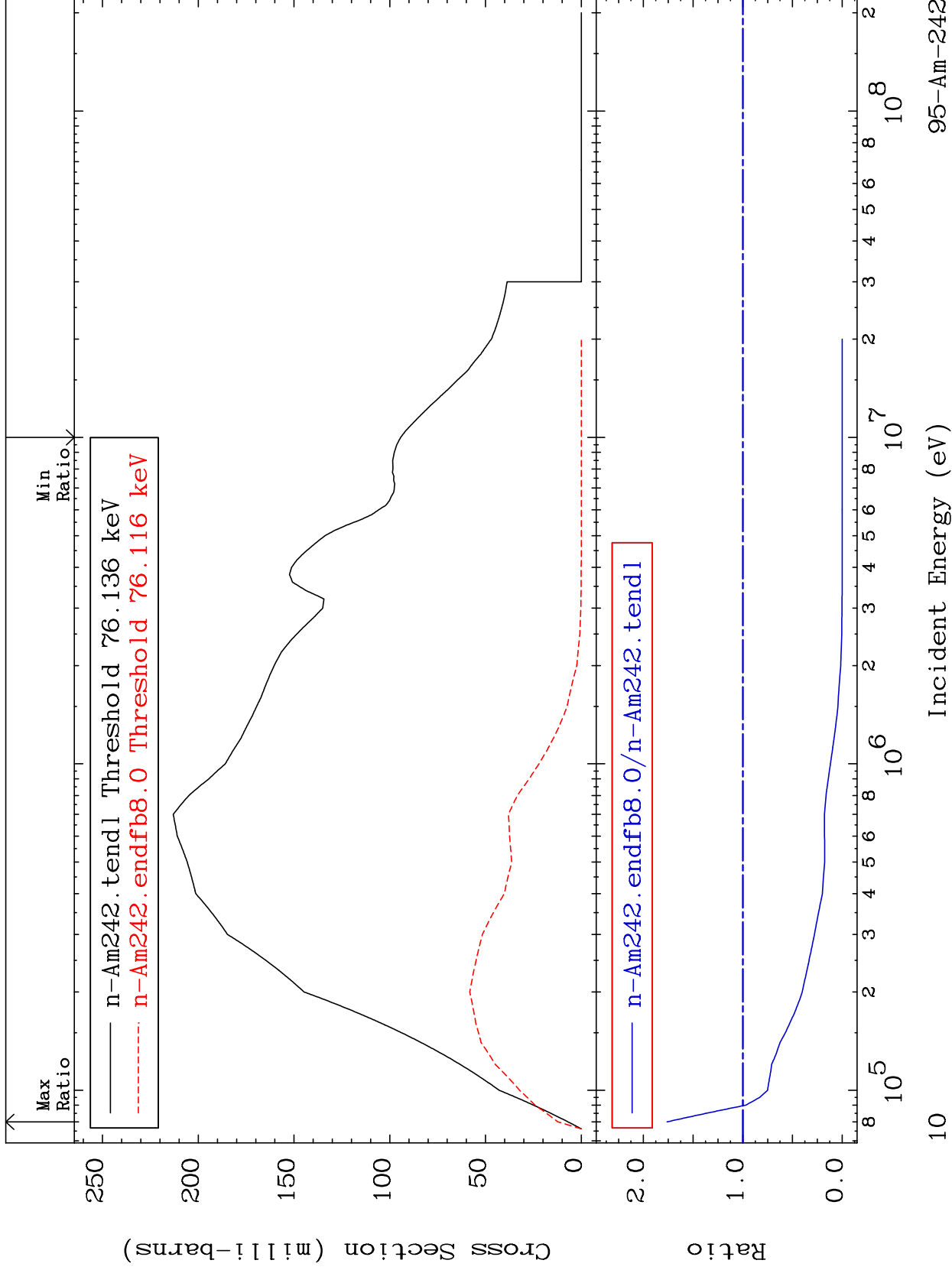
95-Am-242
56.84 To 232.9 %



MAT 9546

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

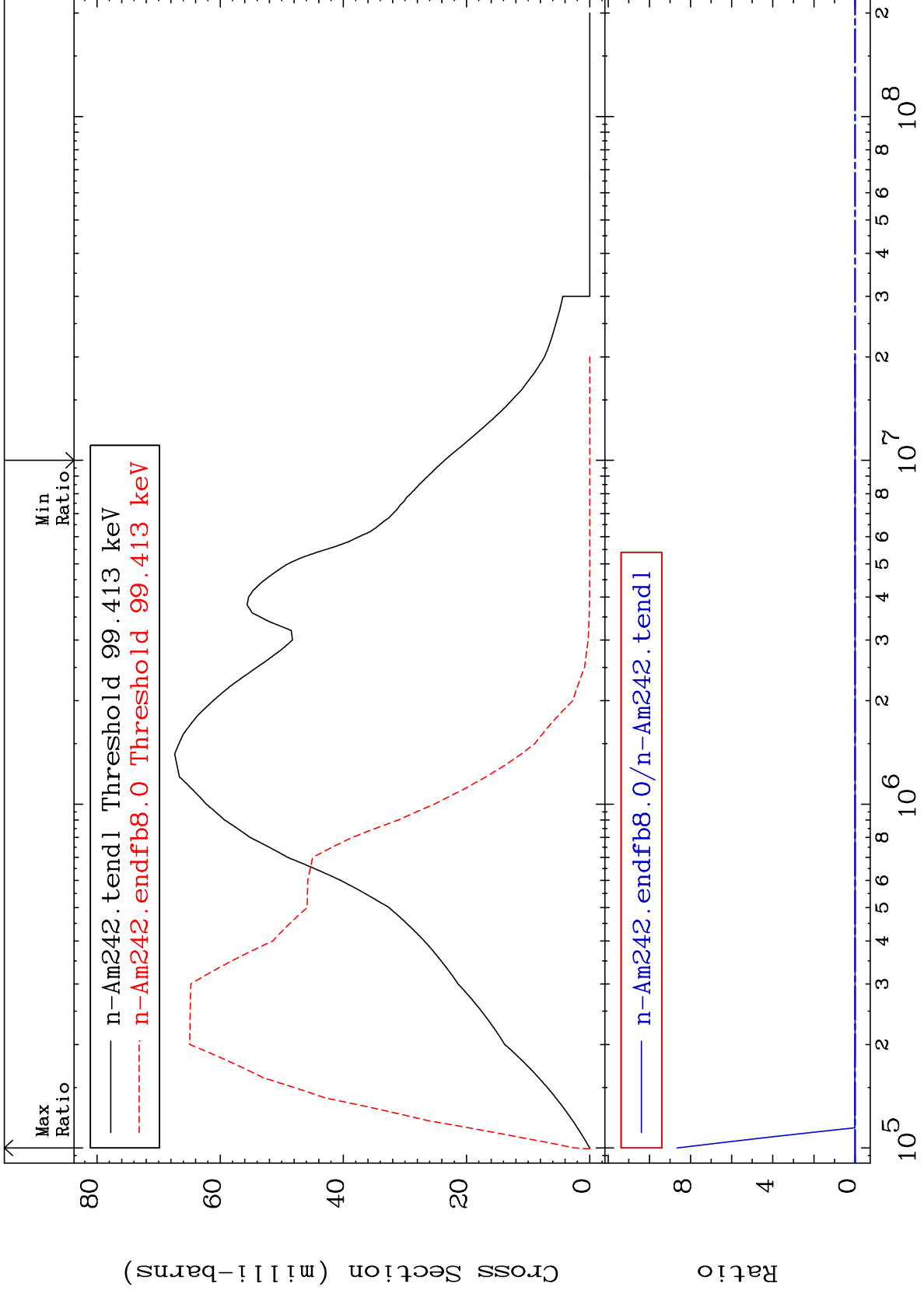
95-Am-242
-100.0 To 76.22 %



MAT 9546

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

95-Am-242
-100.0 To 9999. %



11

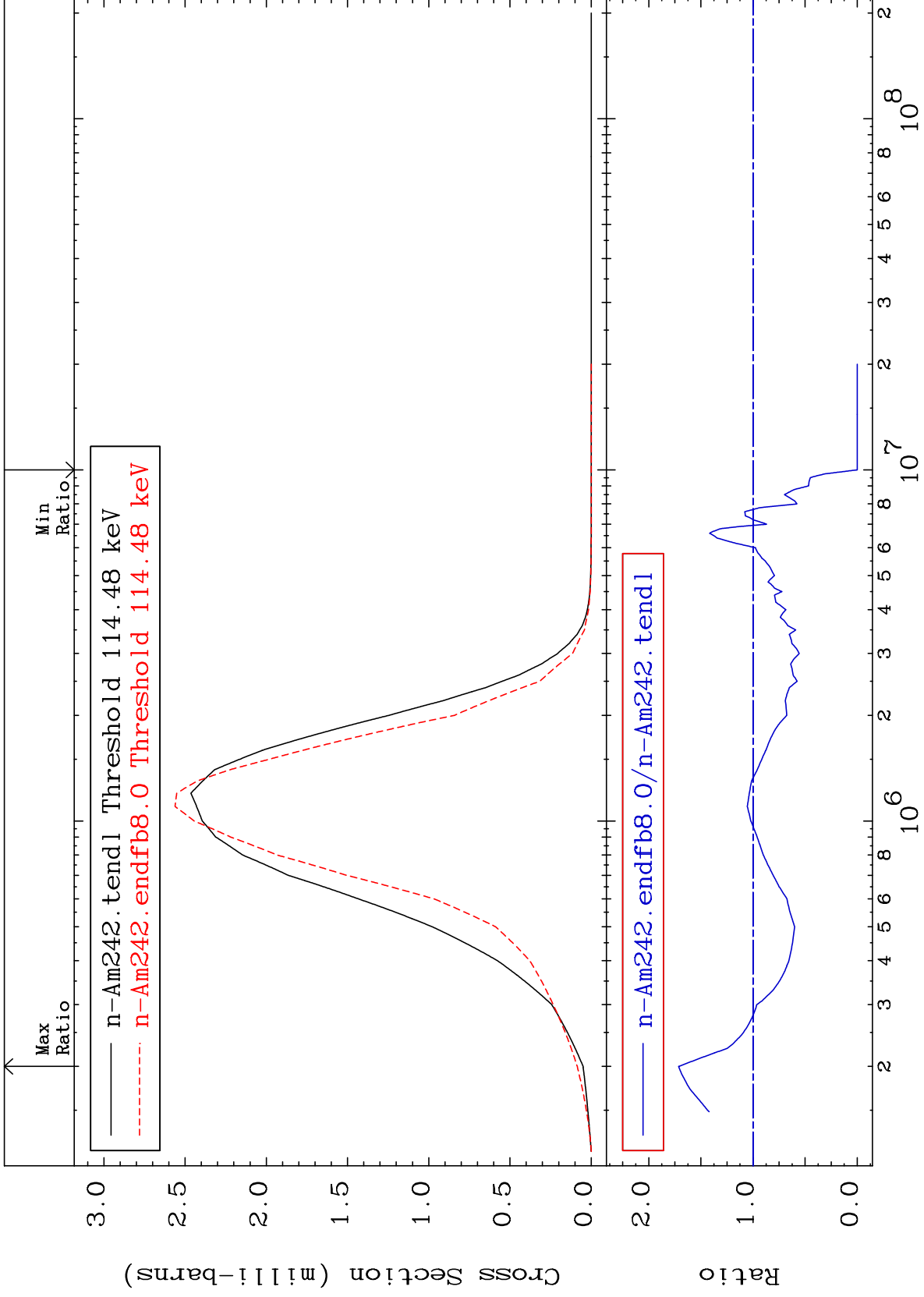
Incident Energy (eV)

95-Am-242

MAT 9546

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

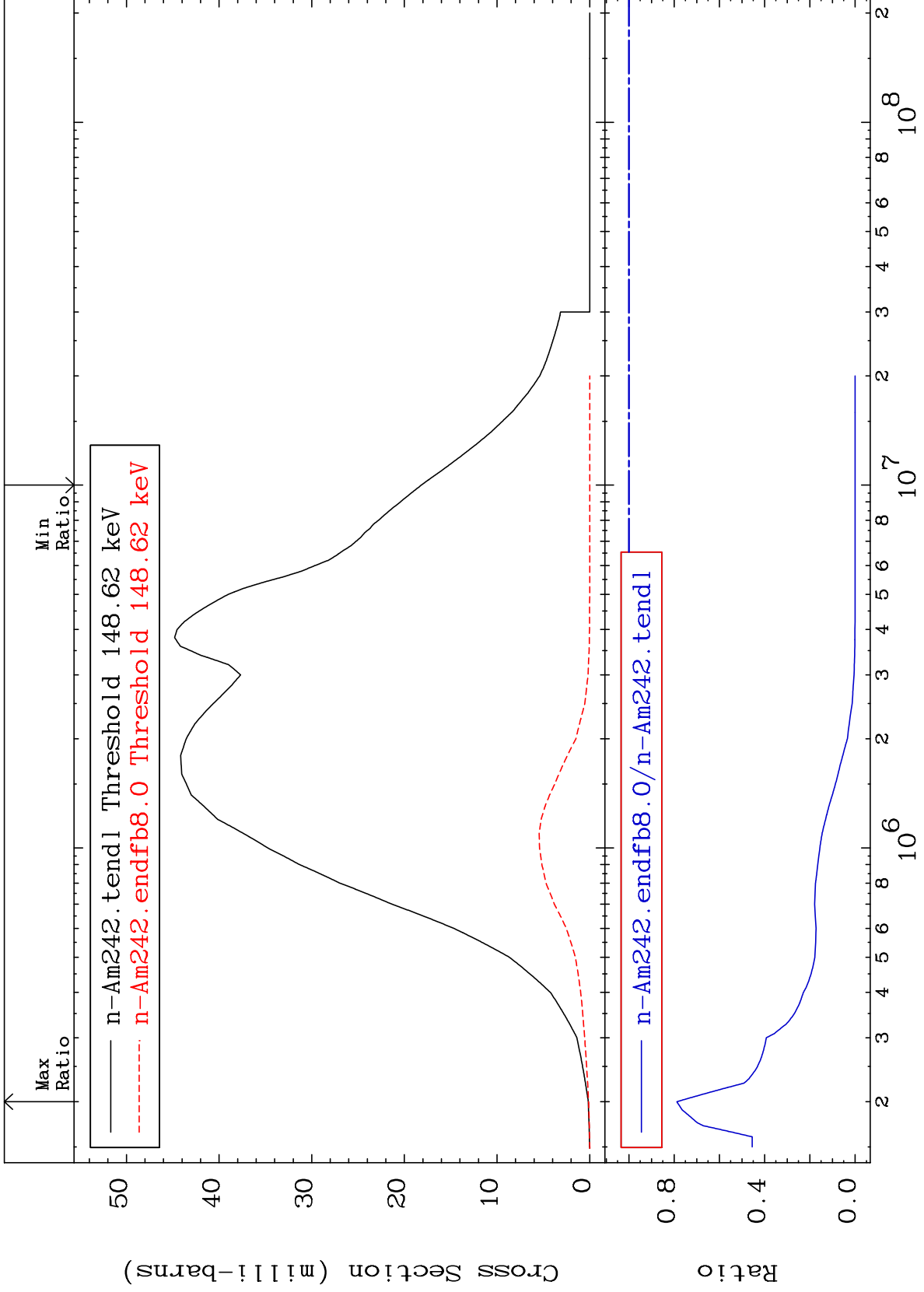
95-Am-242
-100.0 To 71.37 %



MAT 9546

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

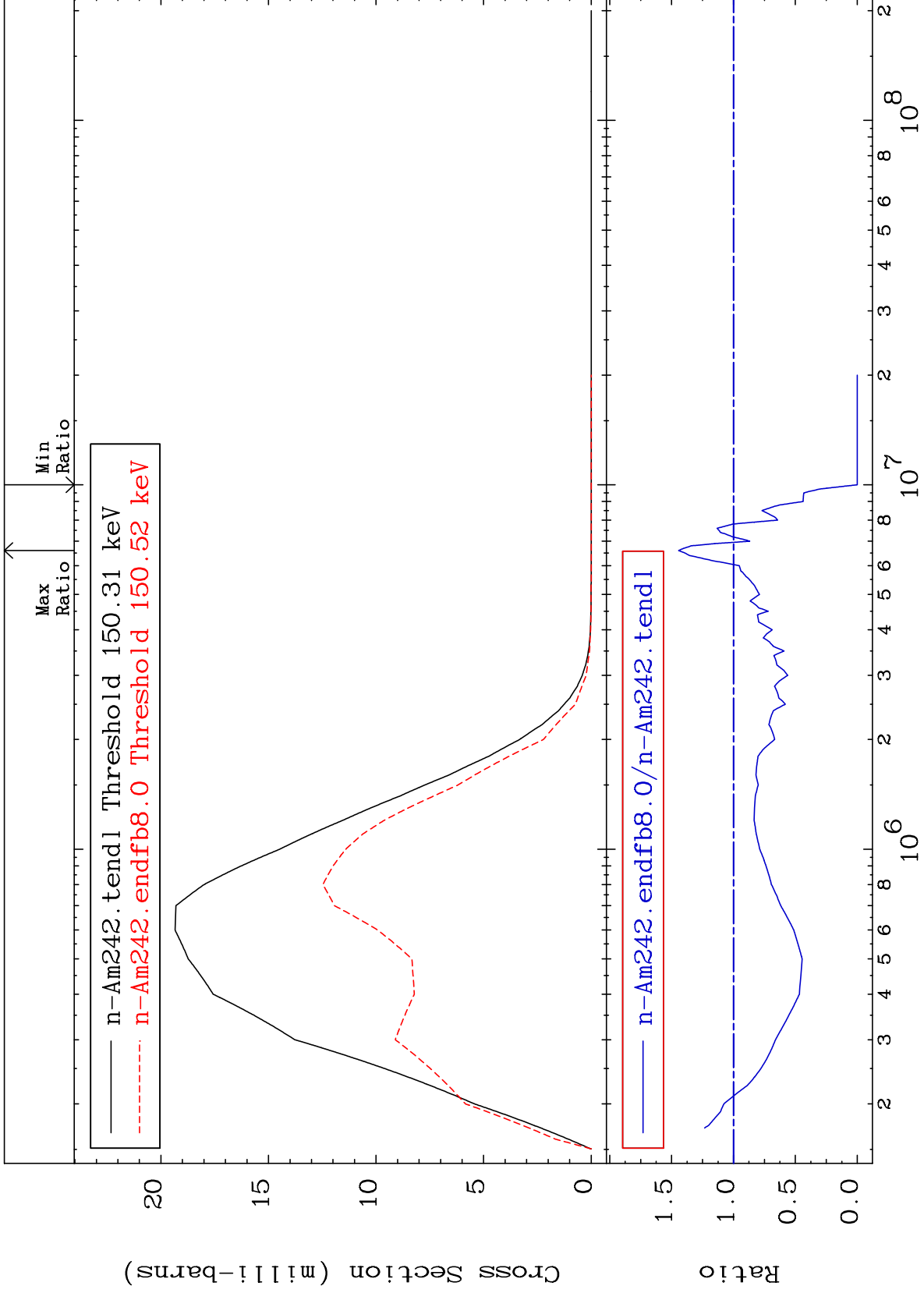
95-Am-242
-100.0 To -21.24%



MAT 9546

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

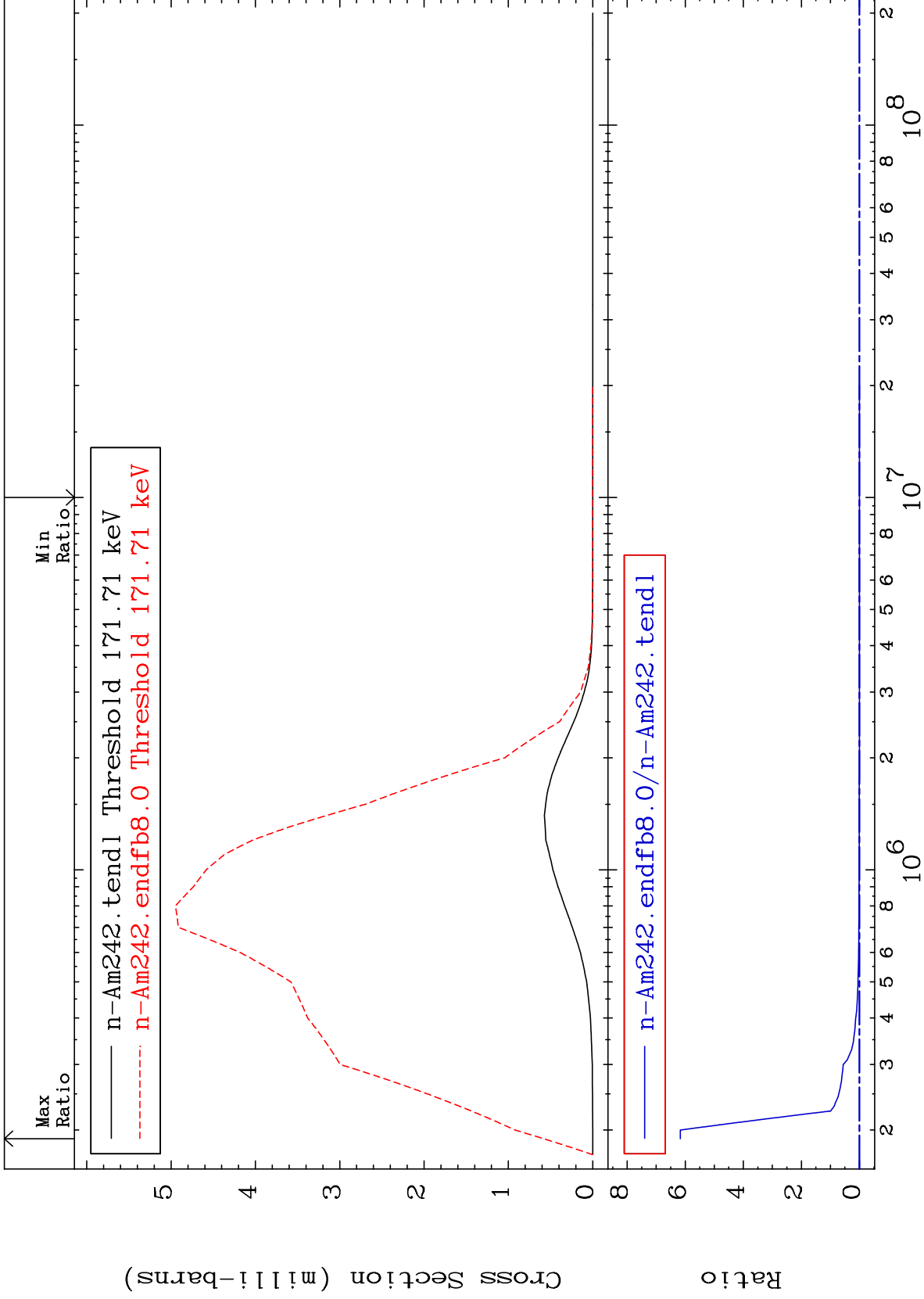
95-Am-242
-100.0 To 44.32 %



MAT 9546

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

95-Am-242
-100.0 To 9999. %



15

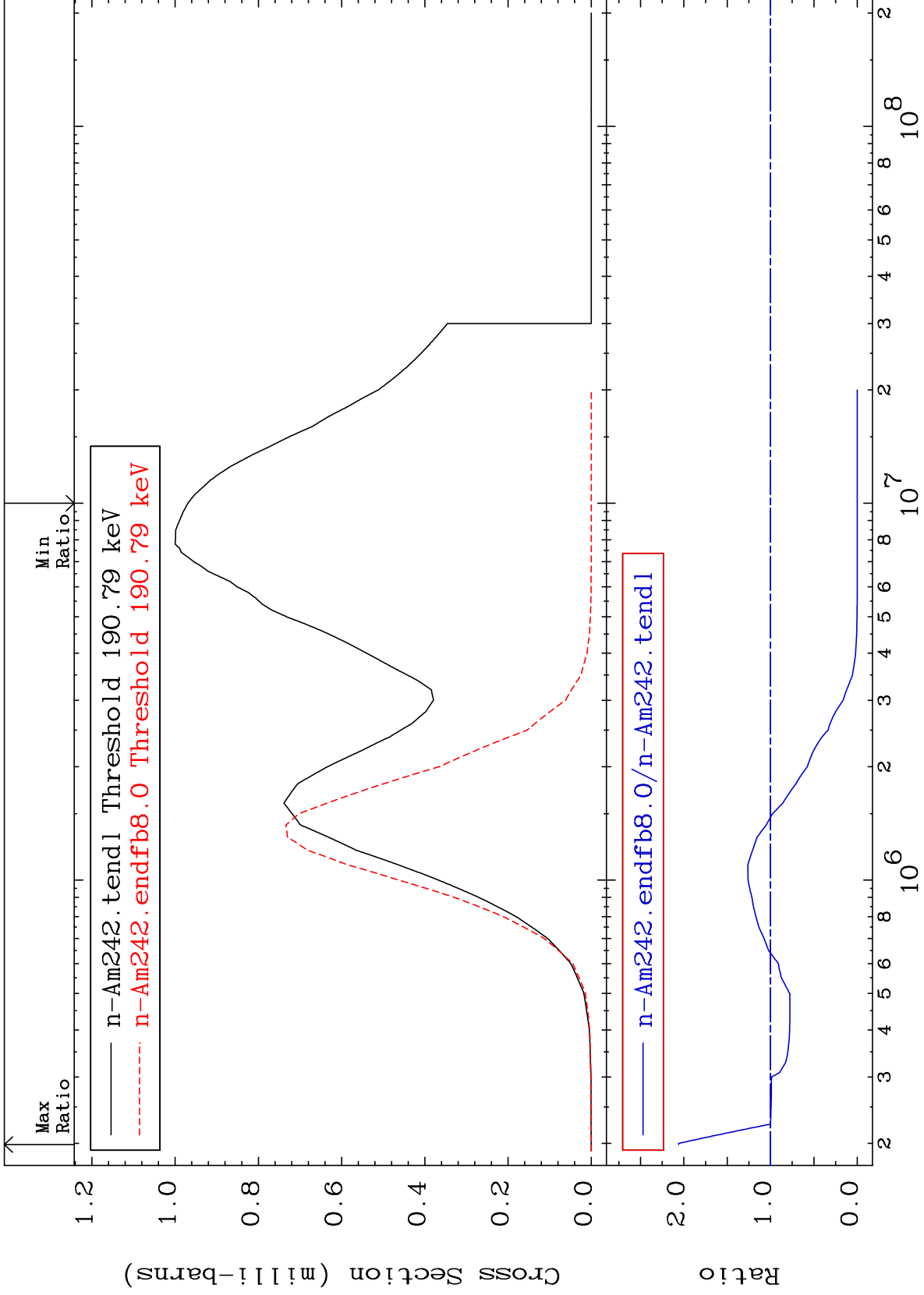
Incident Energy (eV)

95-Am-242

MAT 9546

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

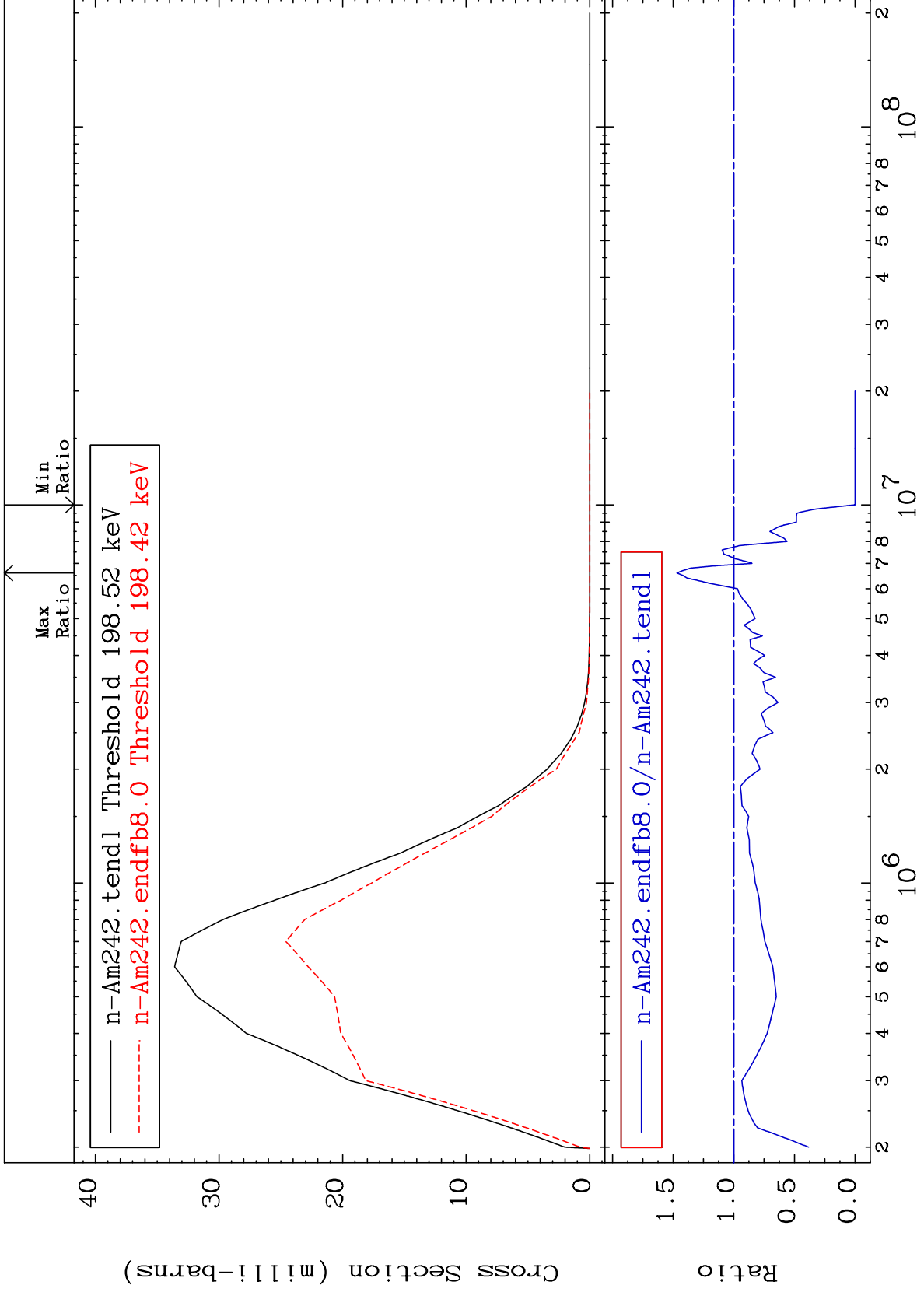
95-Am-242
-100.0 To 106.0 %



MAT 9546

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

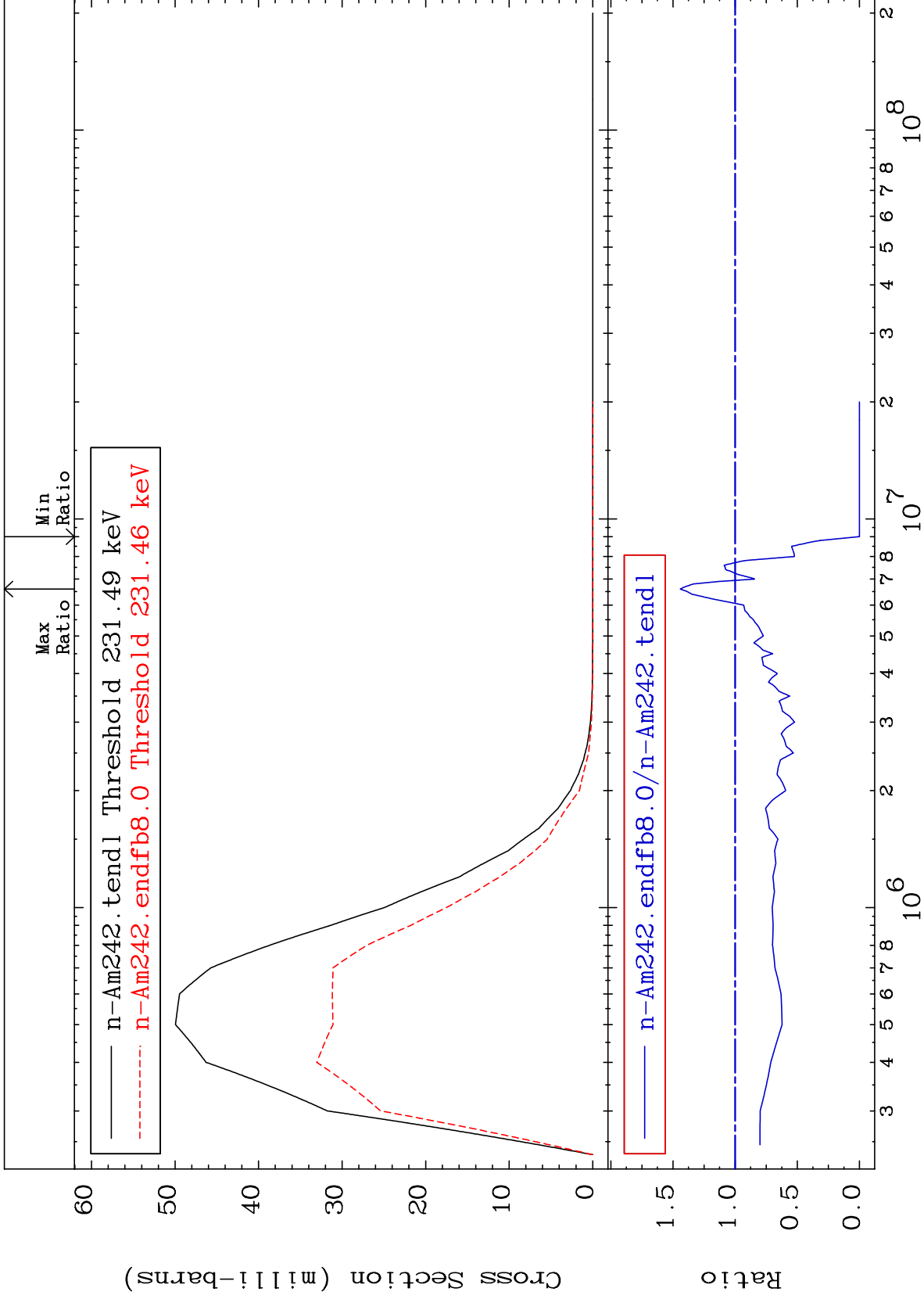
95-Am-242
-100.0 To 46.87 %



MAT 9546

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

95-Am-242
-100.0 To 44.09 %



18

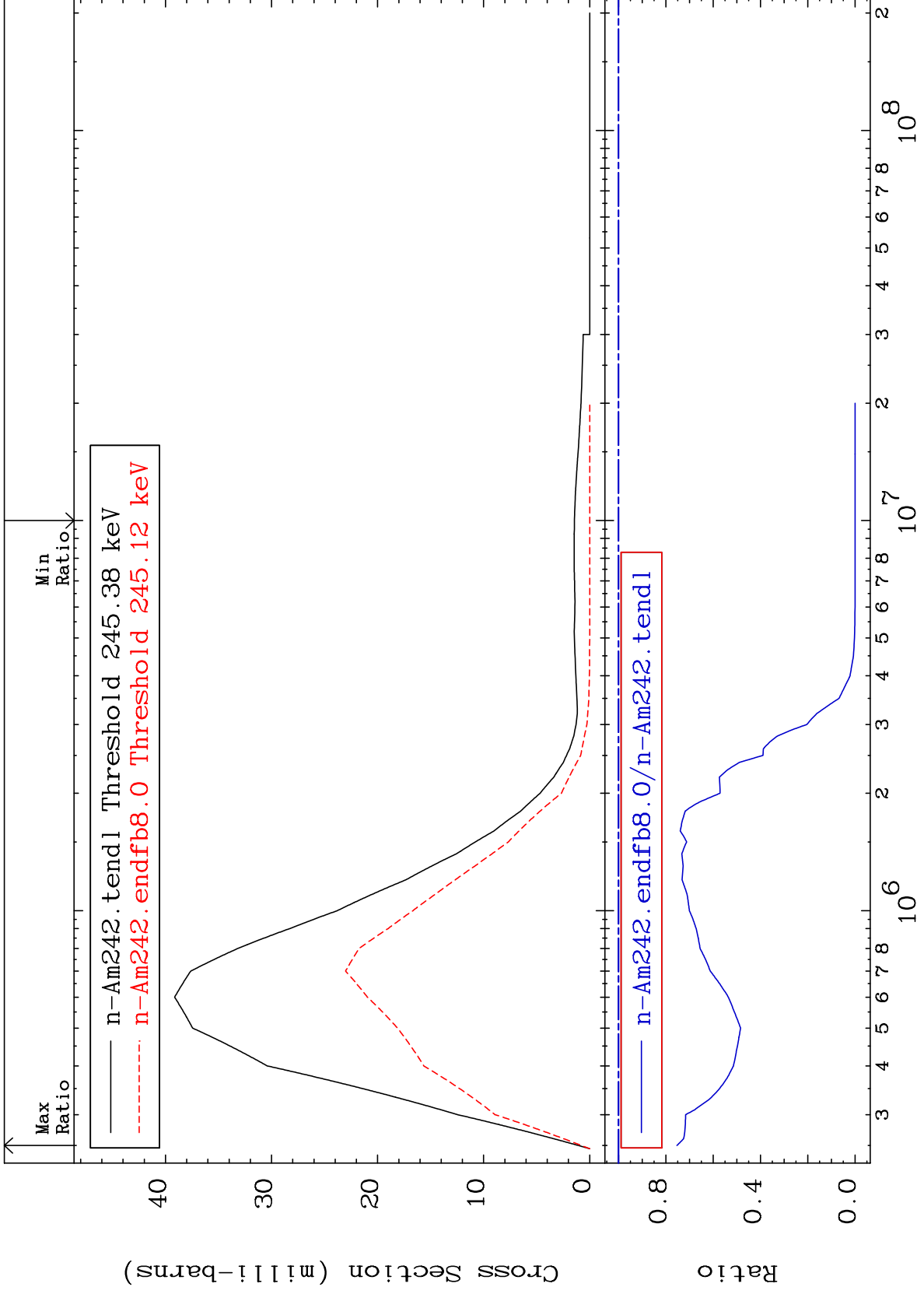
Incident Energy (eV)

95-Am-242

MAT 9546

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

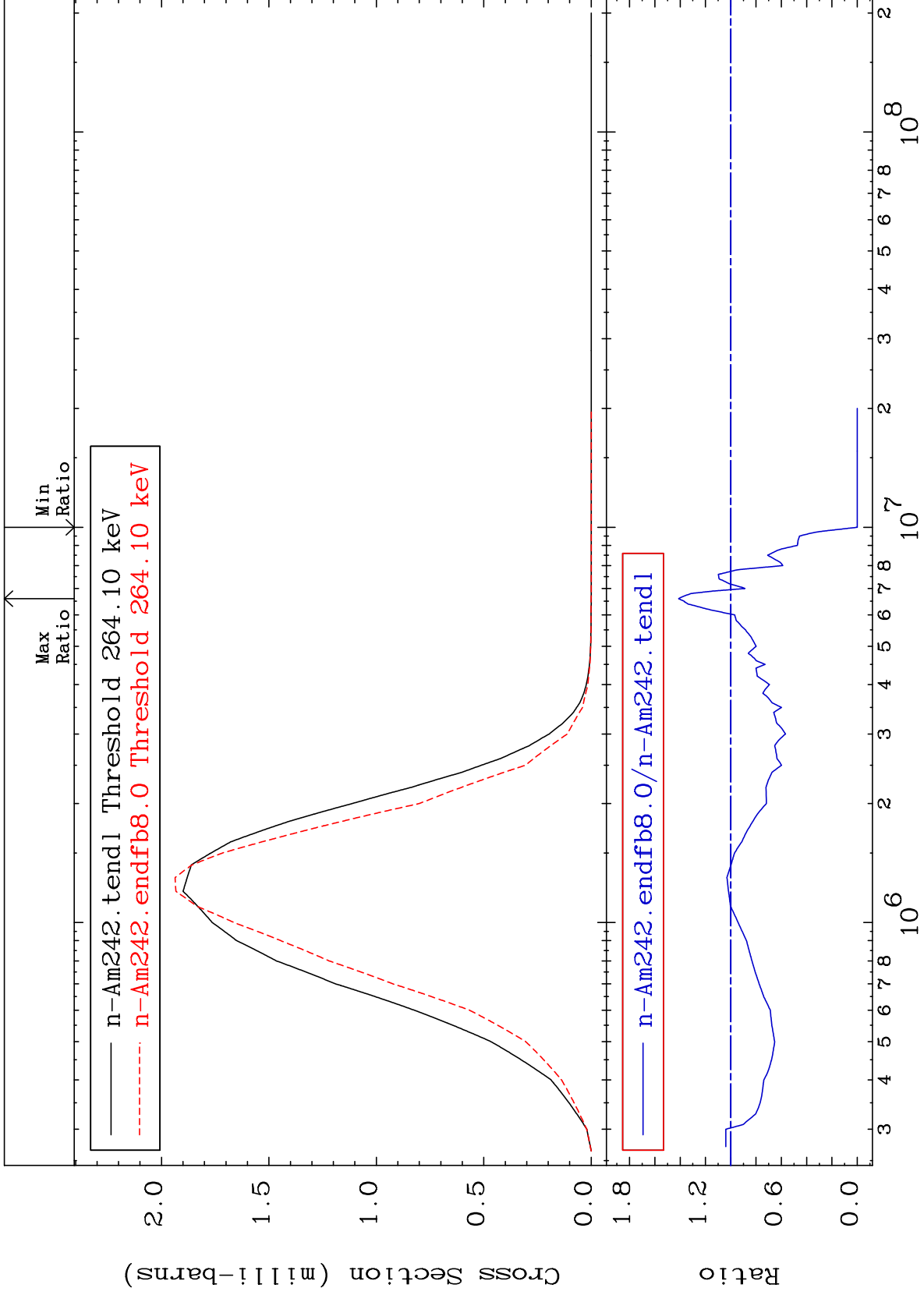
95-Am-242
-100.0 To -24.69%



MAT 9546

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

95-Am-242
-100.0 To 41.21 %



20

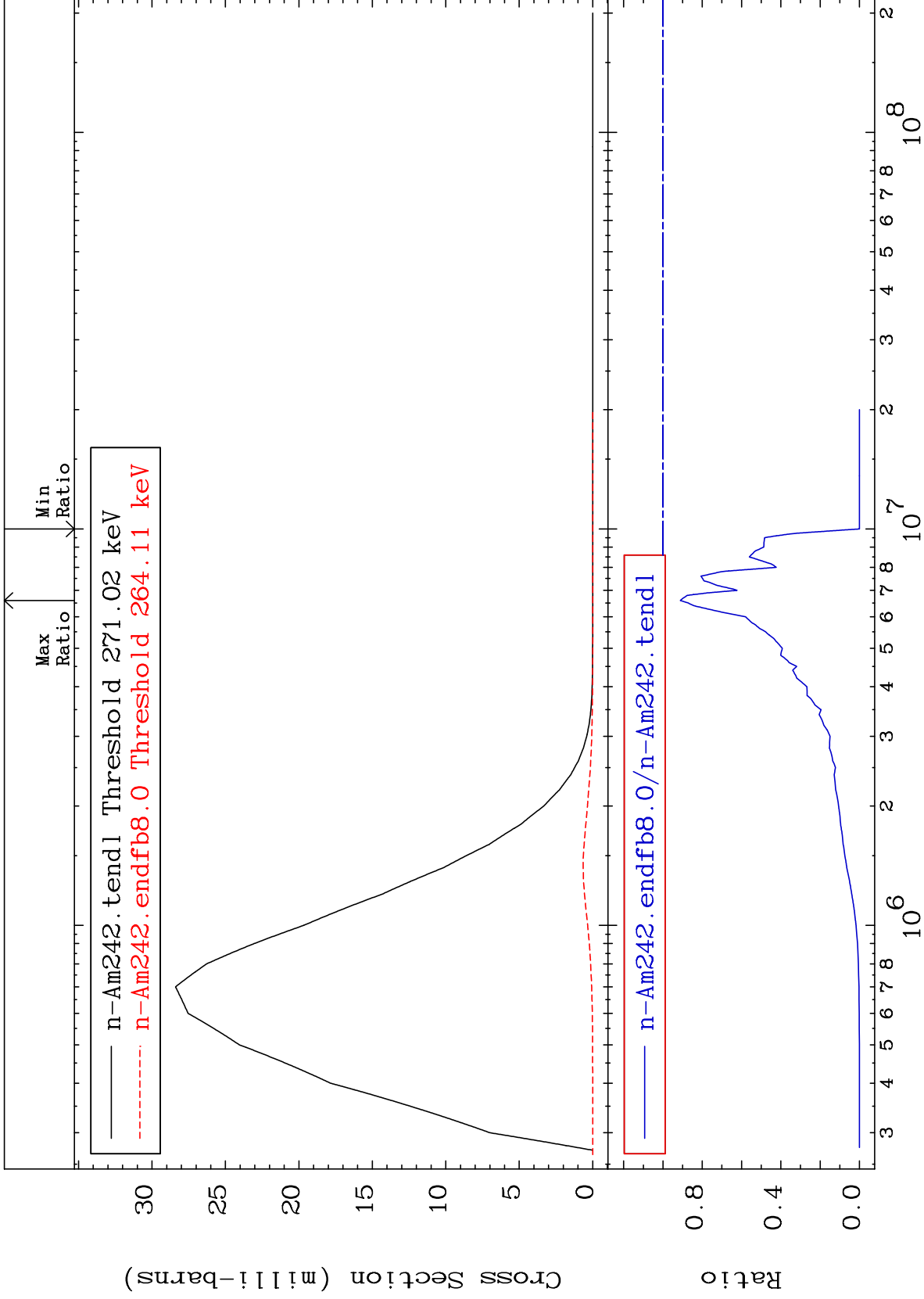
Incident Energy (eV)

95-Am-242

MAT 9546

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

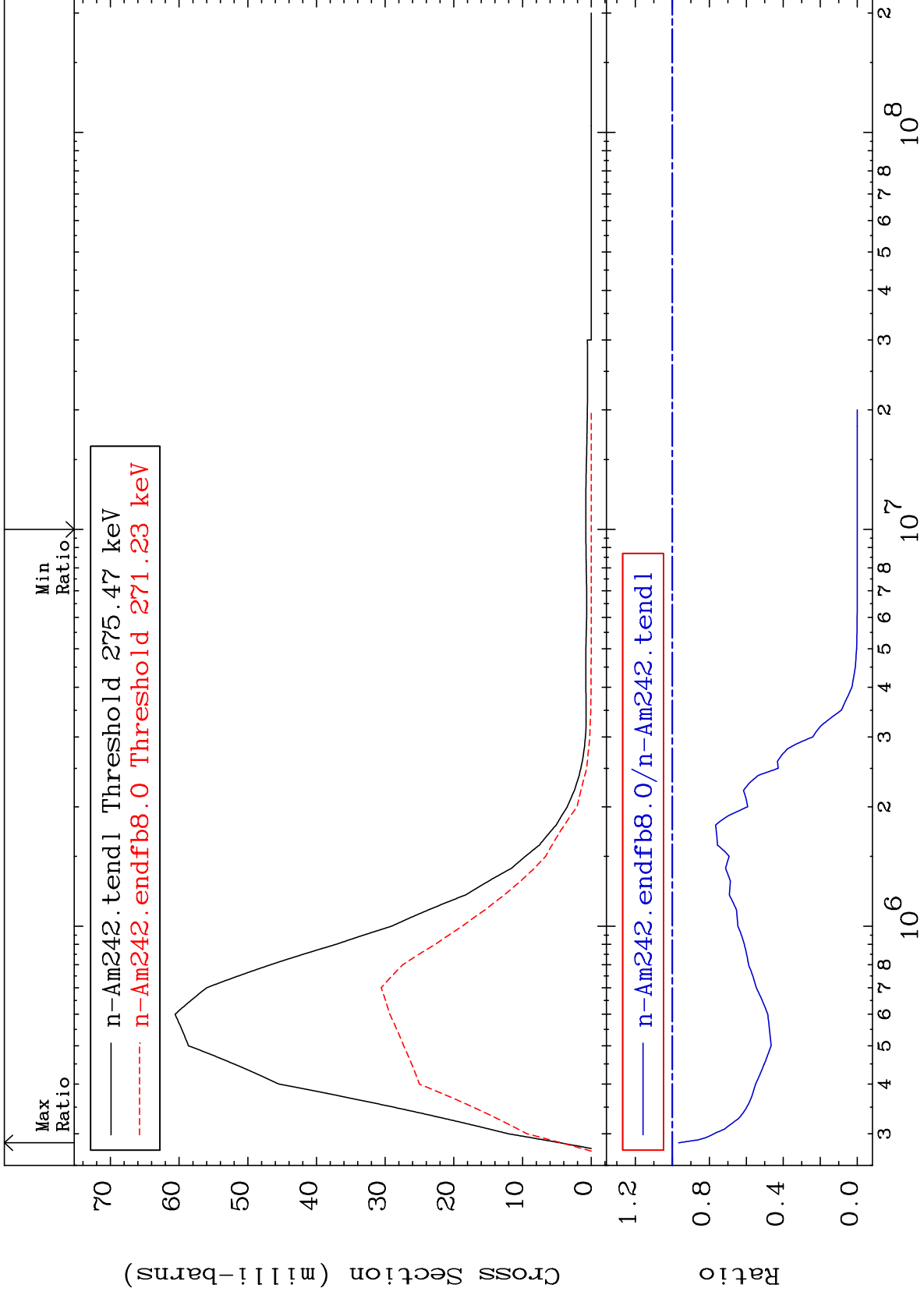
95-Am-242
-100.0 To -8.853%



MAT 9546

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

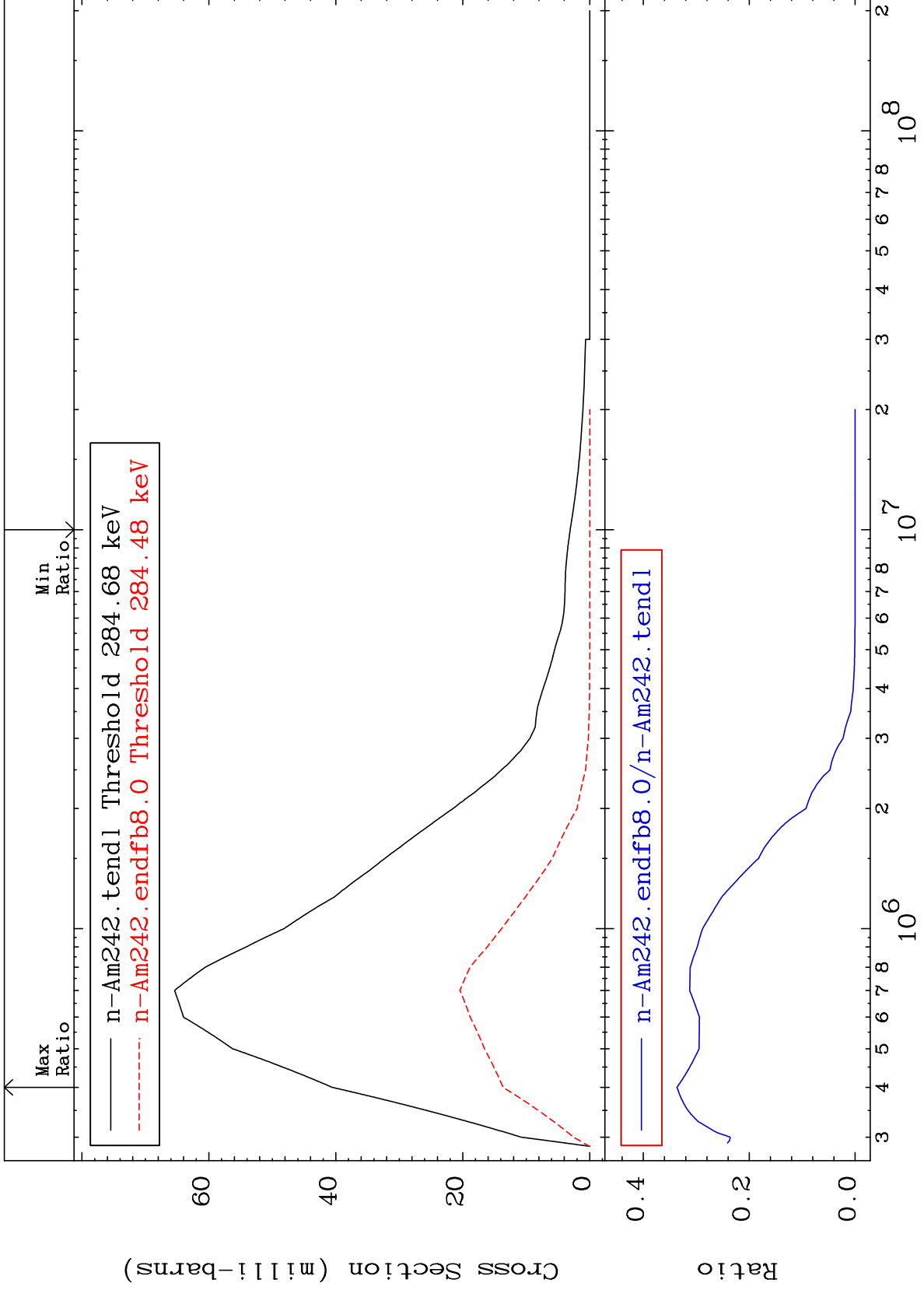
95-Am-242
-100.0 To -3.405%



MAT 9546

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

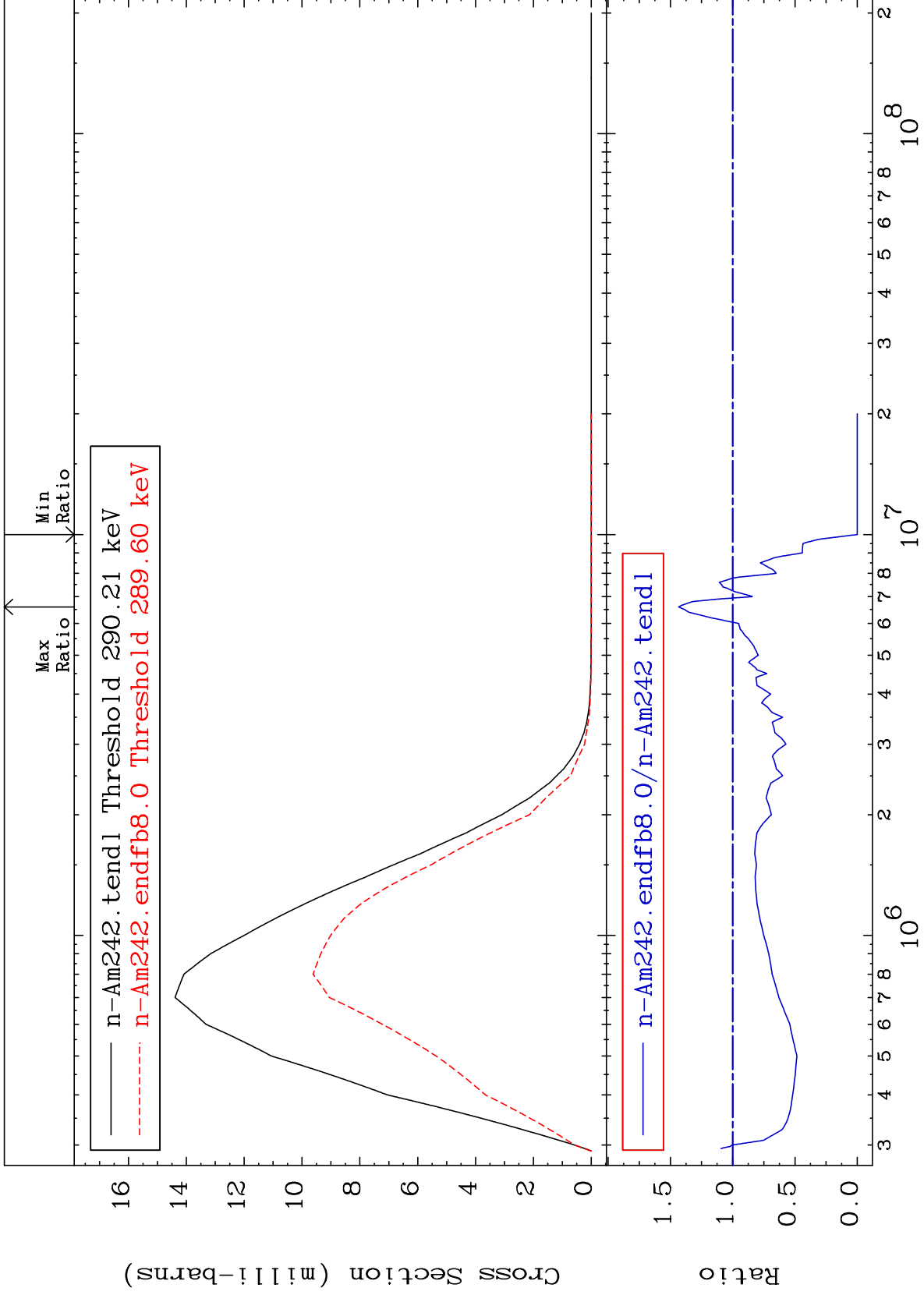
95-Am-242
-100.0 To -66.34%



MAT 9546

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

95-Am-242
-100.0 To 43.41 %



24

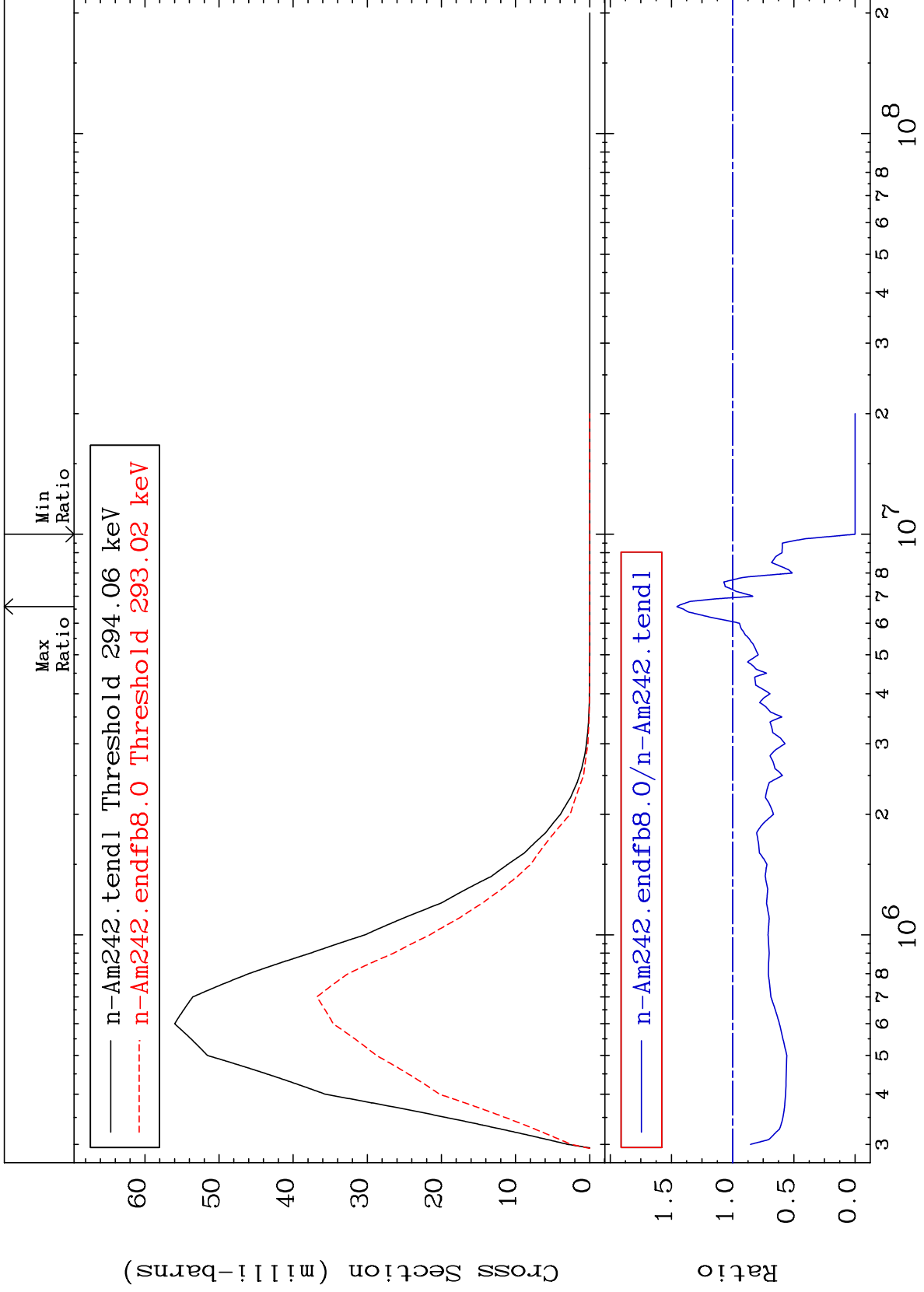
Incident Energy (eV)

95-Am-242

MAT 9546

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

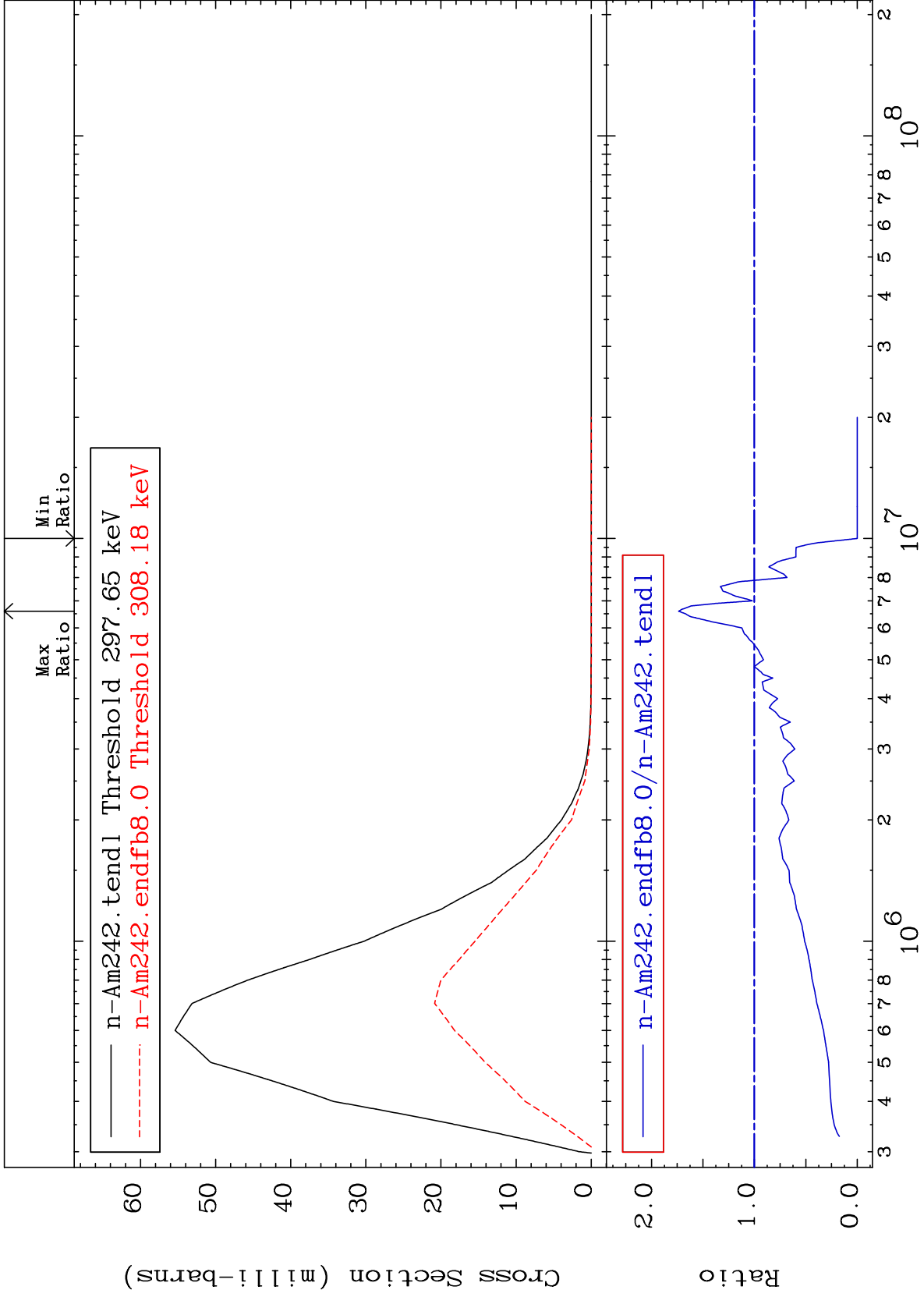
95-Am-242
-100.0 To 45.50 %



MAT 9546

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

95-Am-242
-100.0 To 73.61 %



26

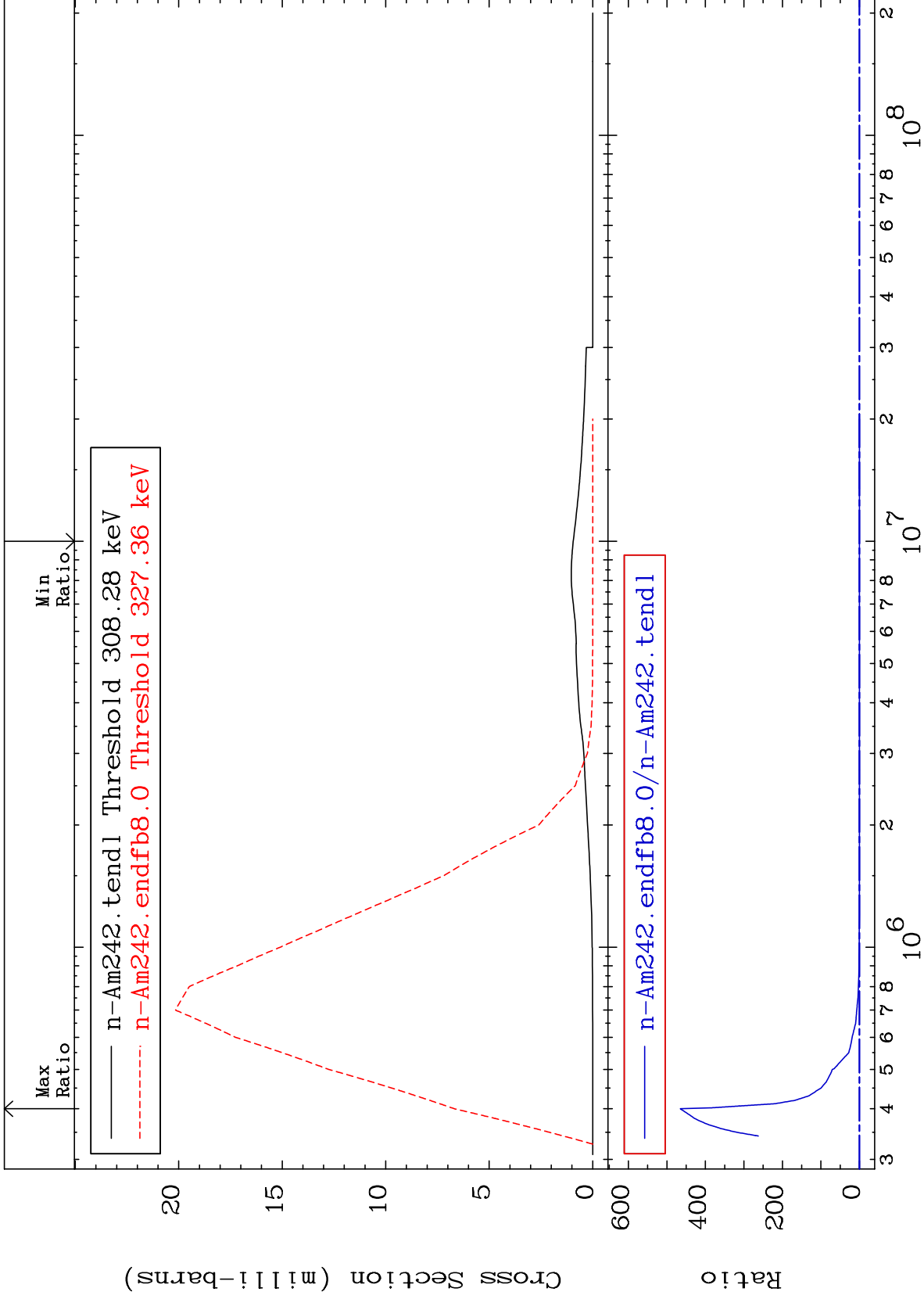
Incident Energy (eV)

95-Am-242

MAT 9546

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

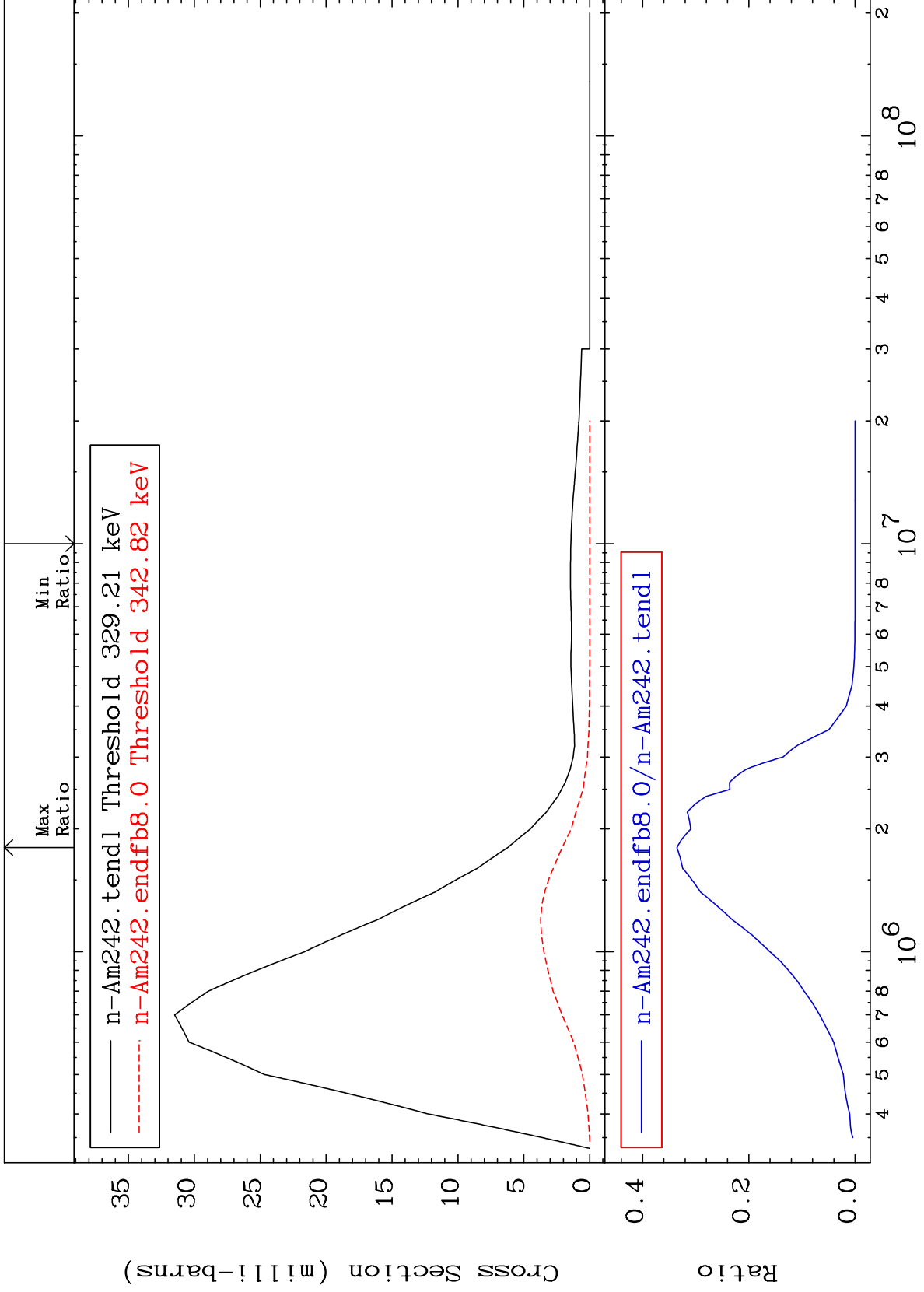
95-Am-242
-100.0 To 9999. %



MAT 9546

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

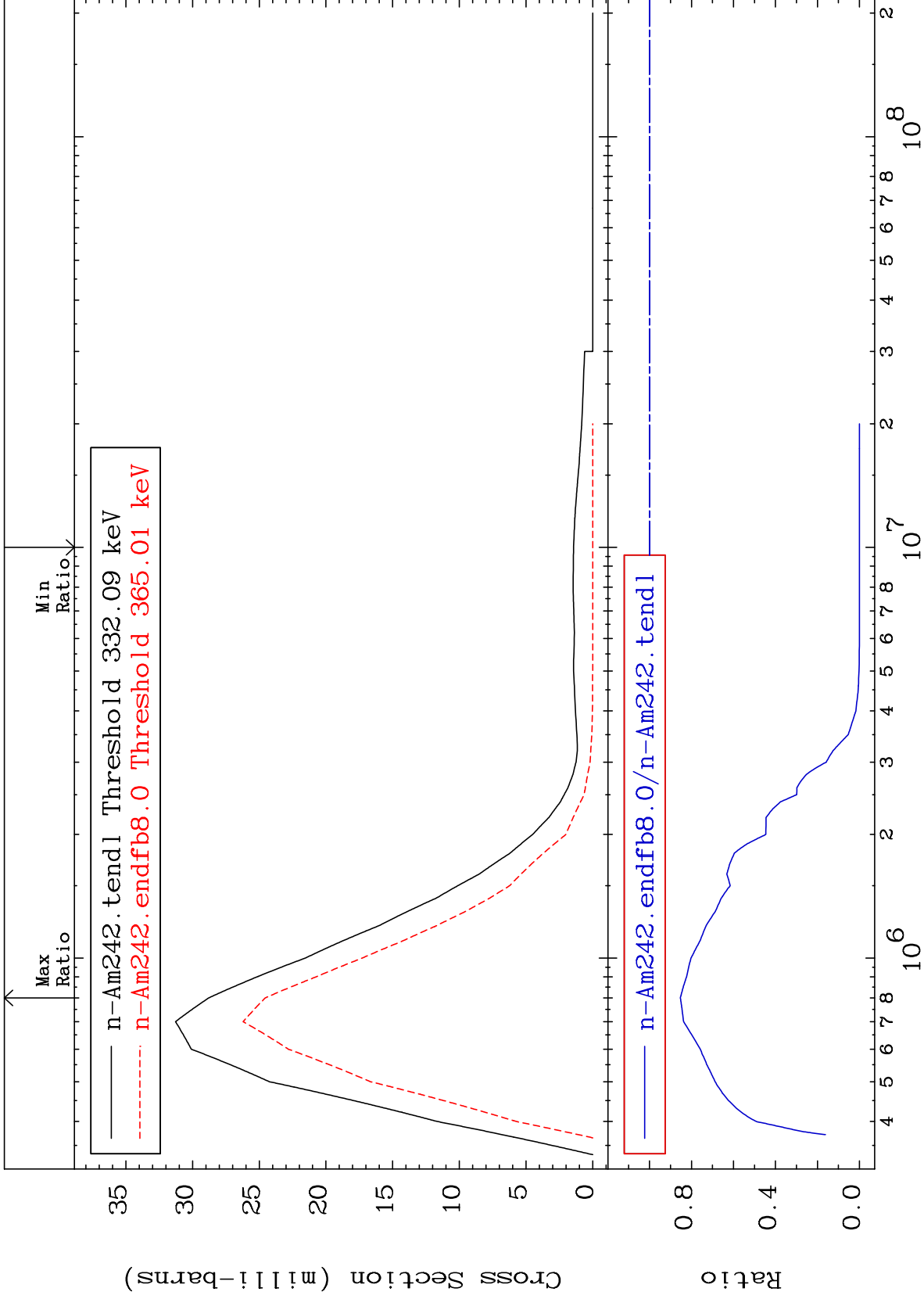
95-Am-242
-100.0 To -66.46%



MAT 9546

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

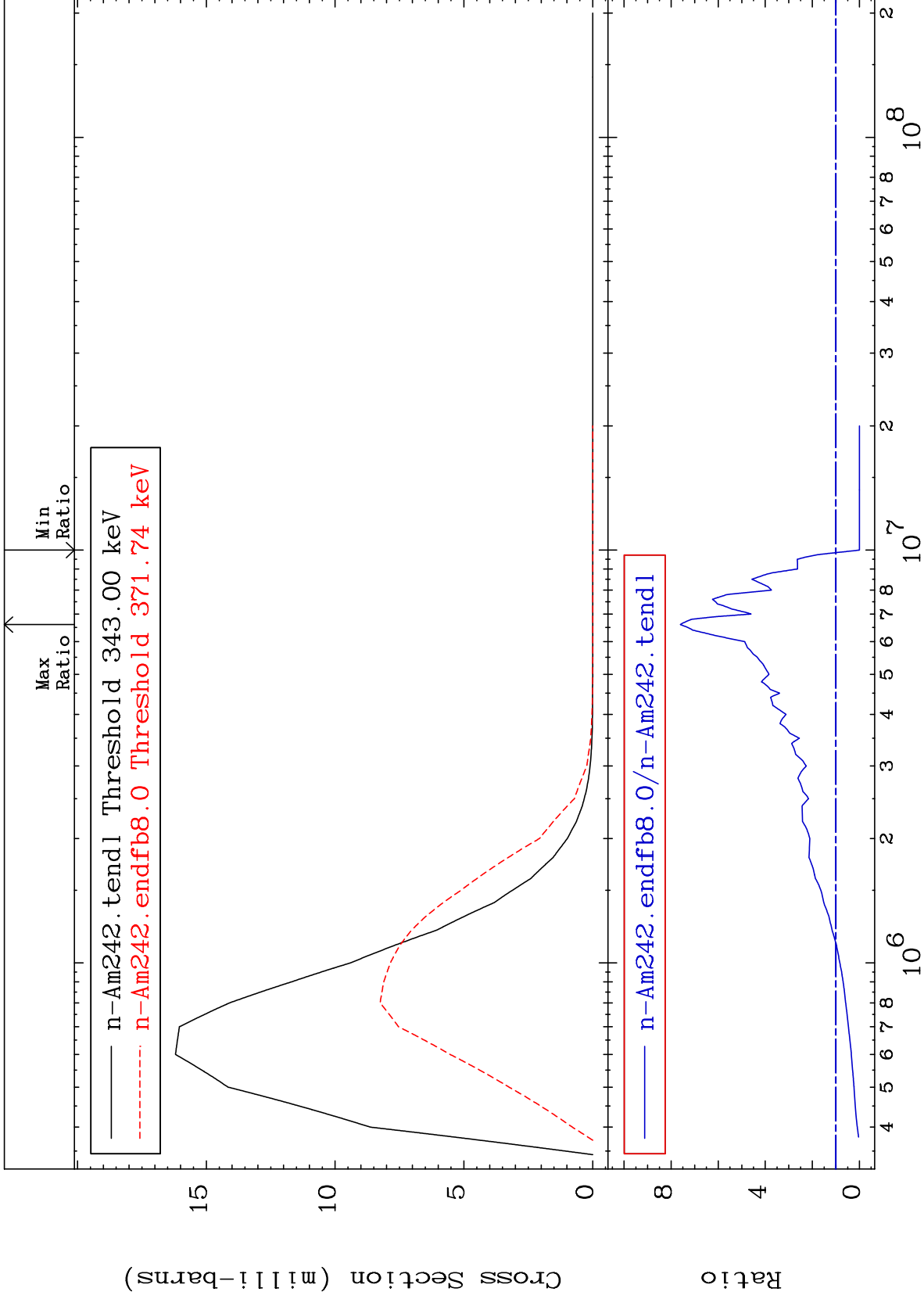
95-Am-242
-100.0 To -14.70%



MAT 9546

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

95-Am-242
-100.0 To 660.8 %



30

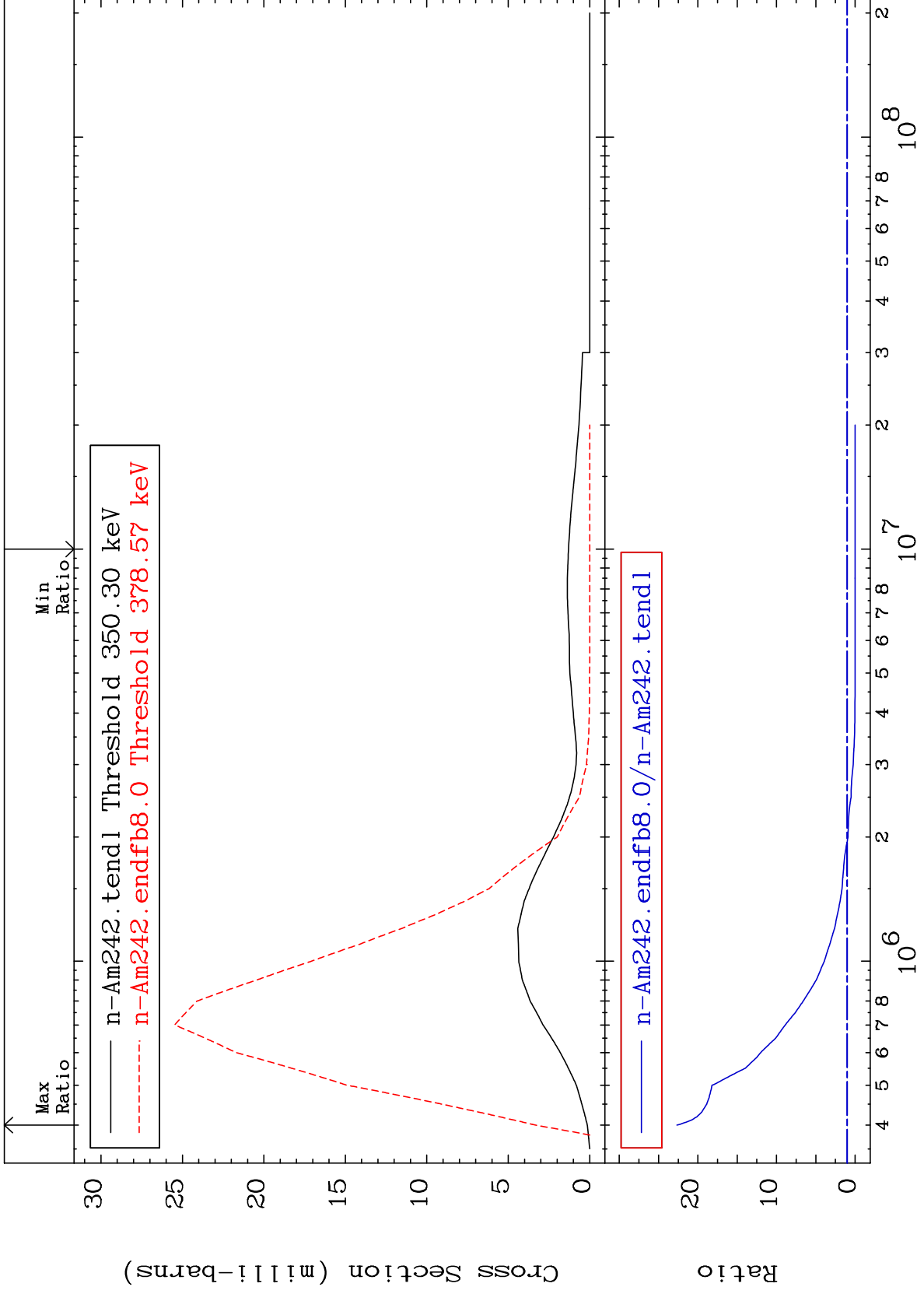
Incident Energy (eV)

95-Am-242

MAT 9546

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

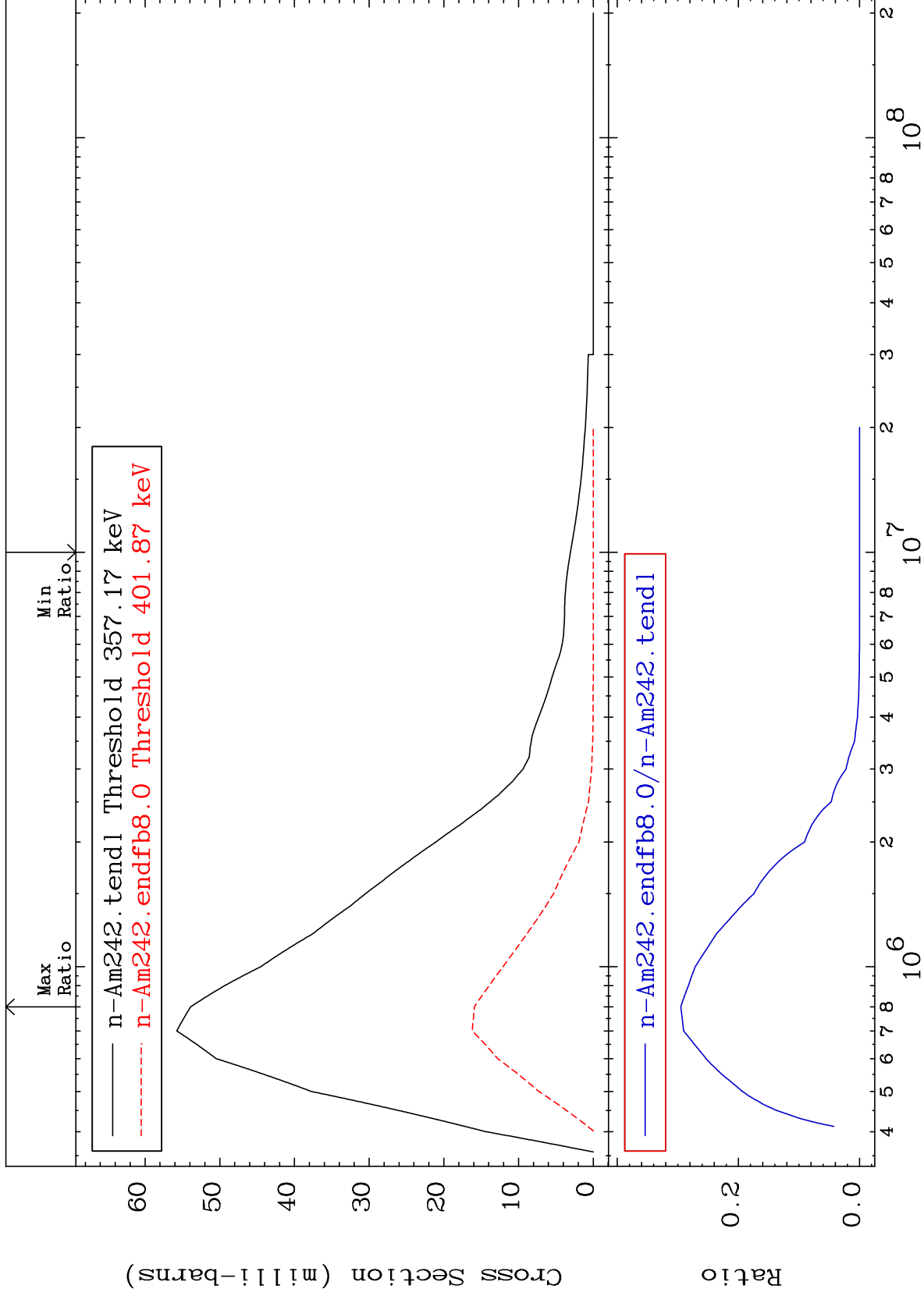
95-Am-242
-100.0 To 2167. %



MAT 9546

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

95-Am-242
-100.0 To -70.48%



32

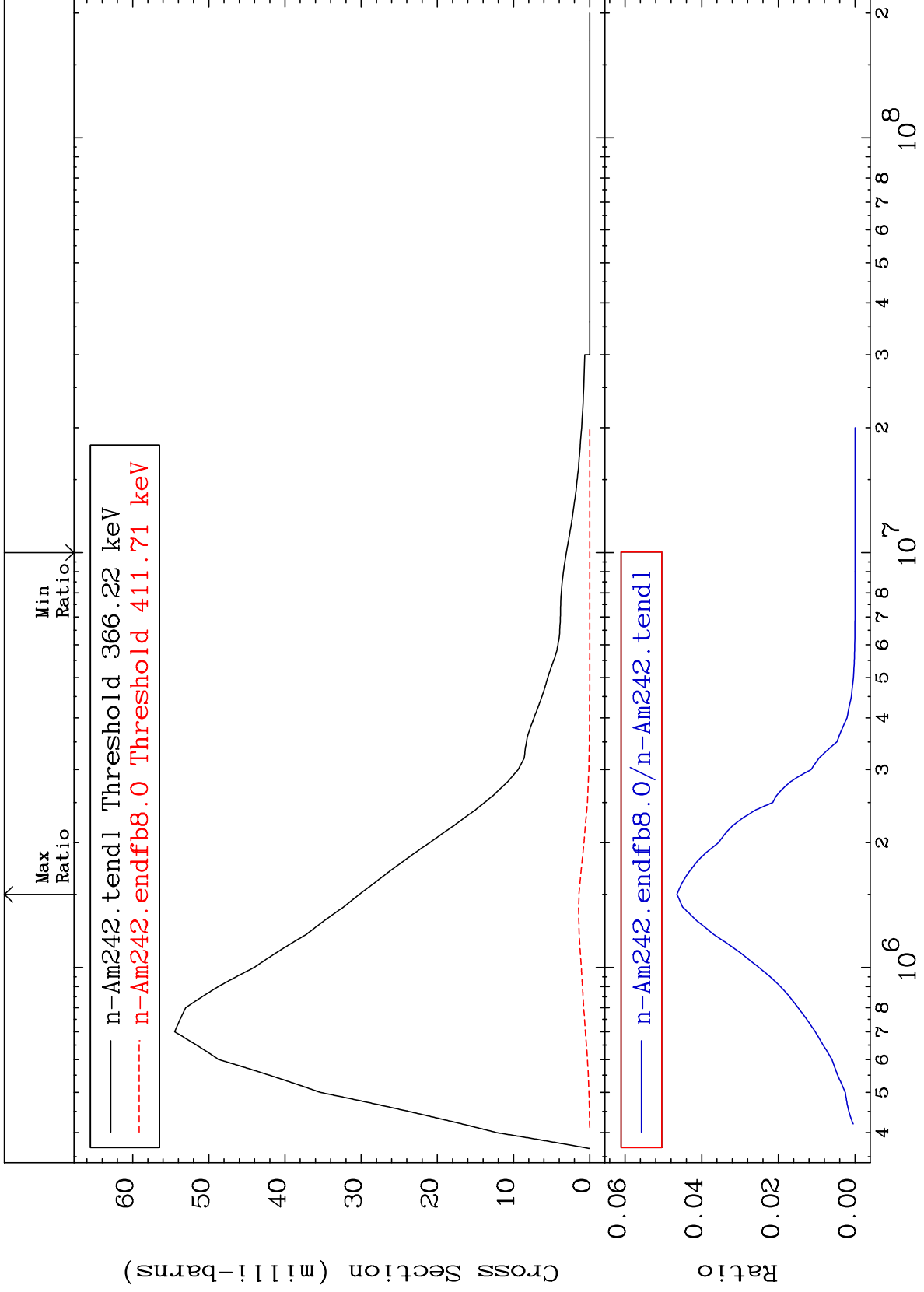
Incident Energy (eV)

95-Am-242

MAT 9546

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

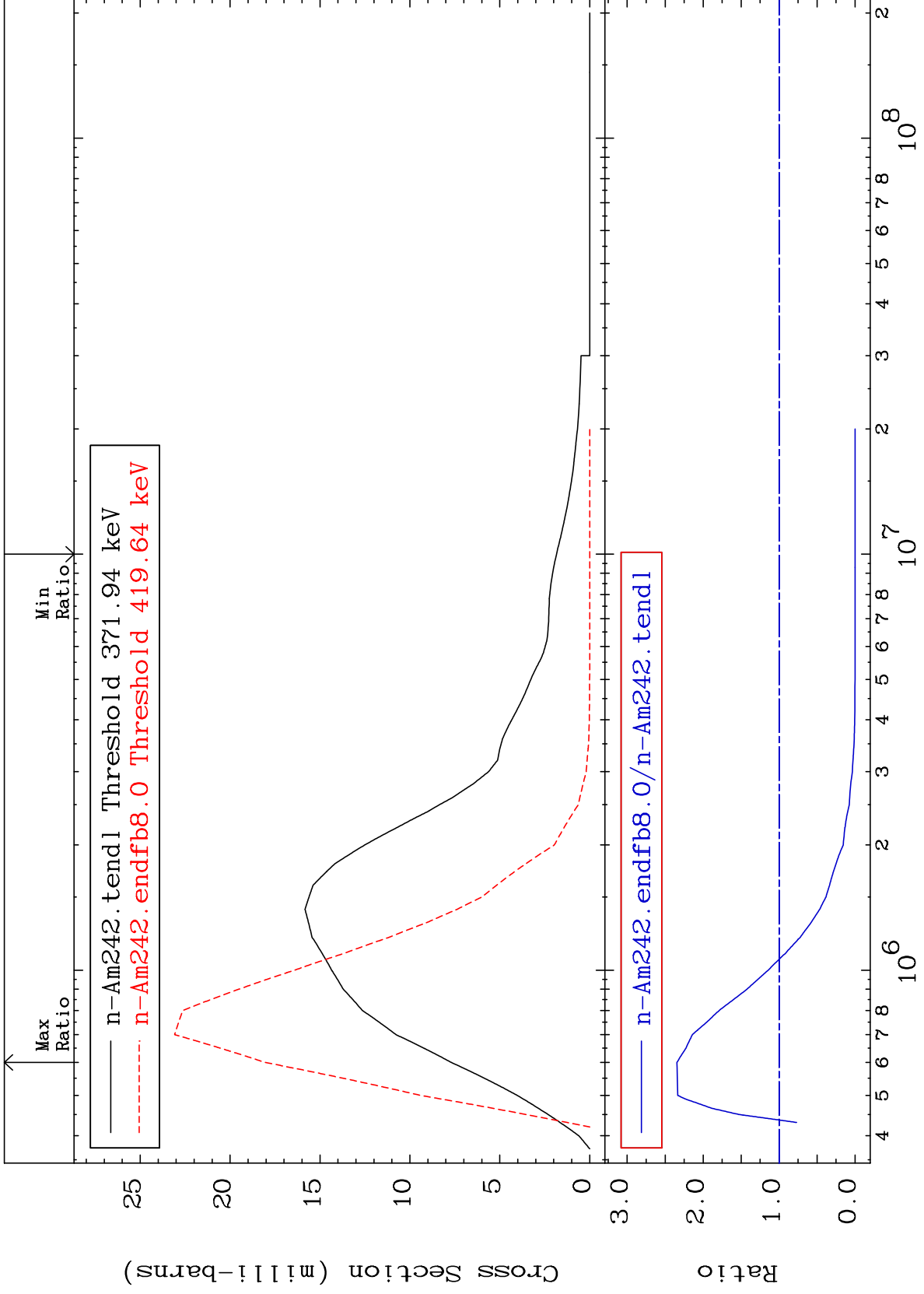
95-Am-242
-100.0 To -95.35%



MAT 9546

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

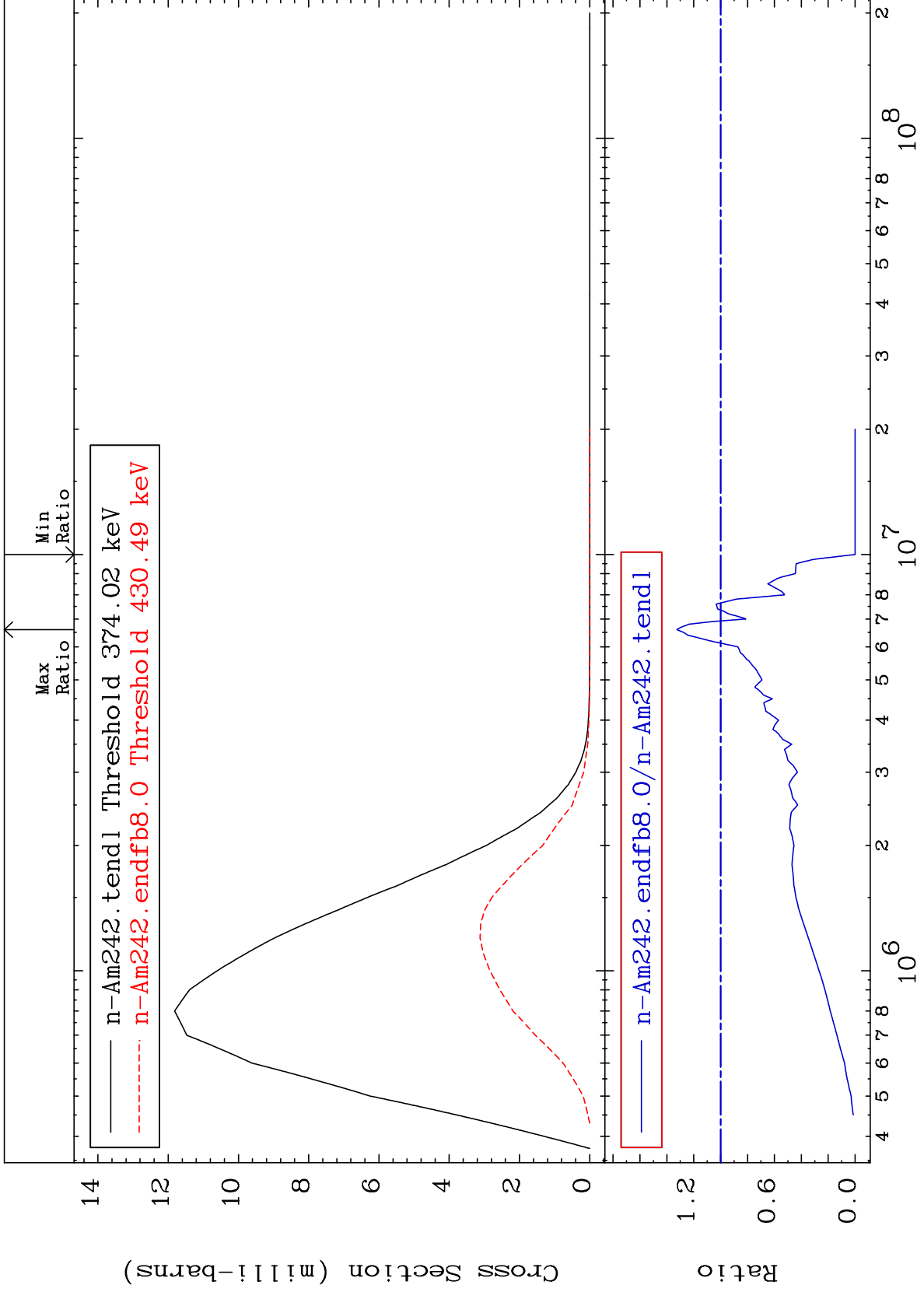
95-Am-242
-100.0 To 134.5 %



MAT 9546

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

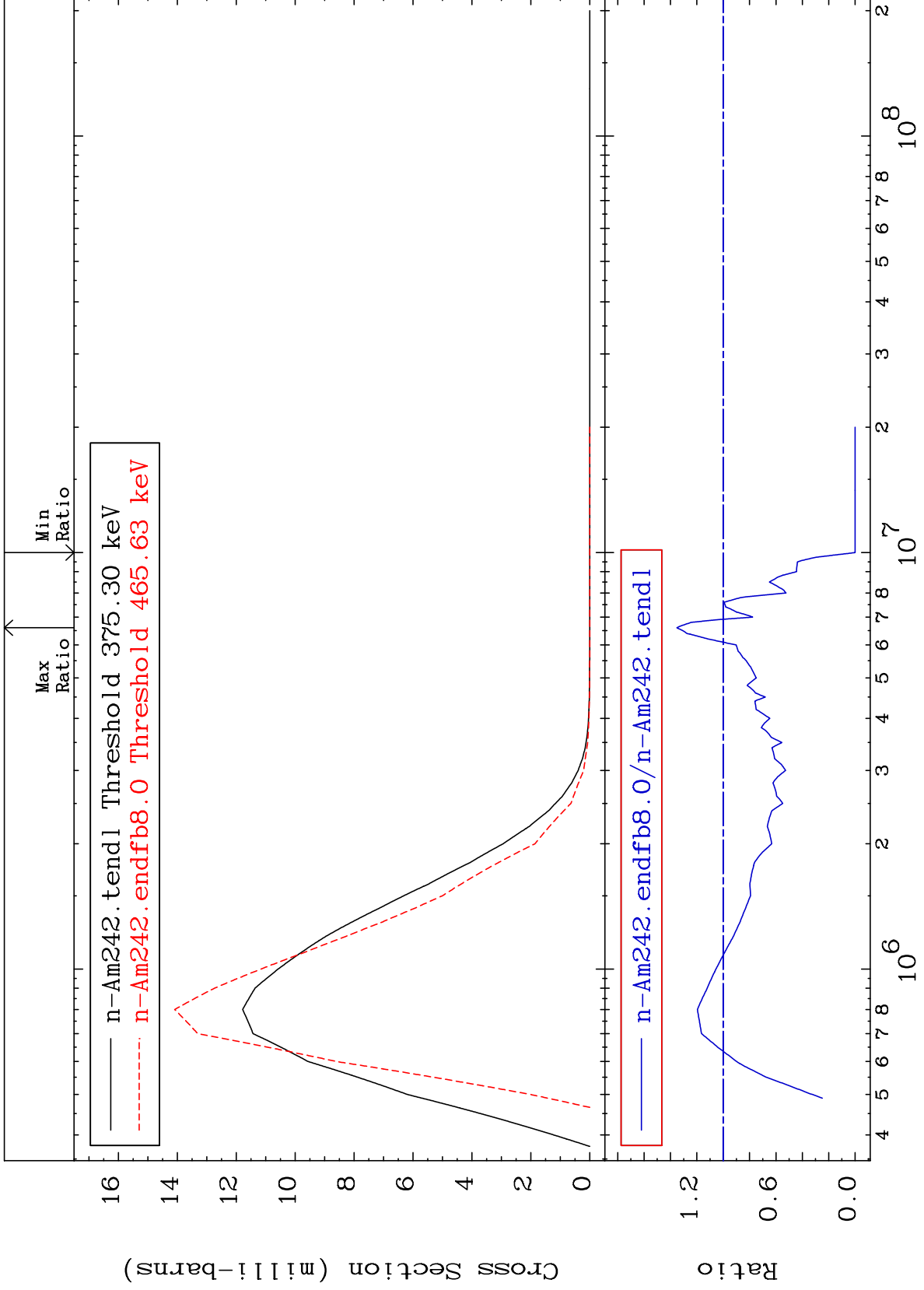
95-Am-242
-100.0 To 32.51 %



MAT 9546

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

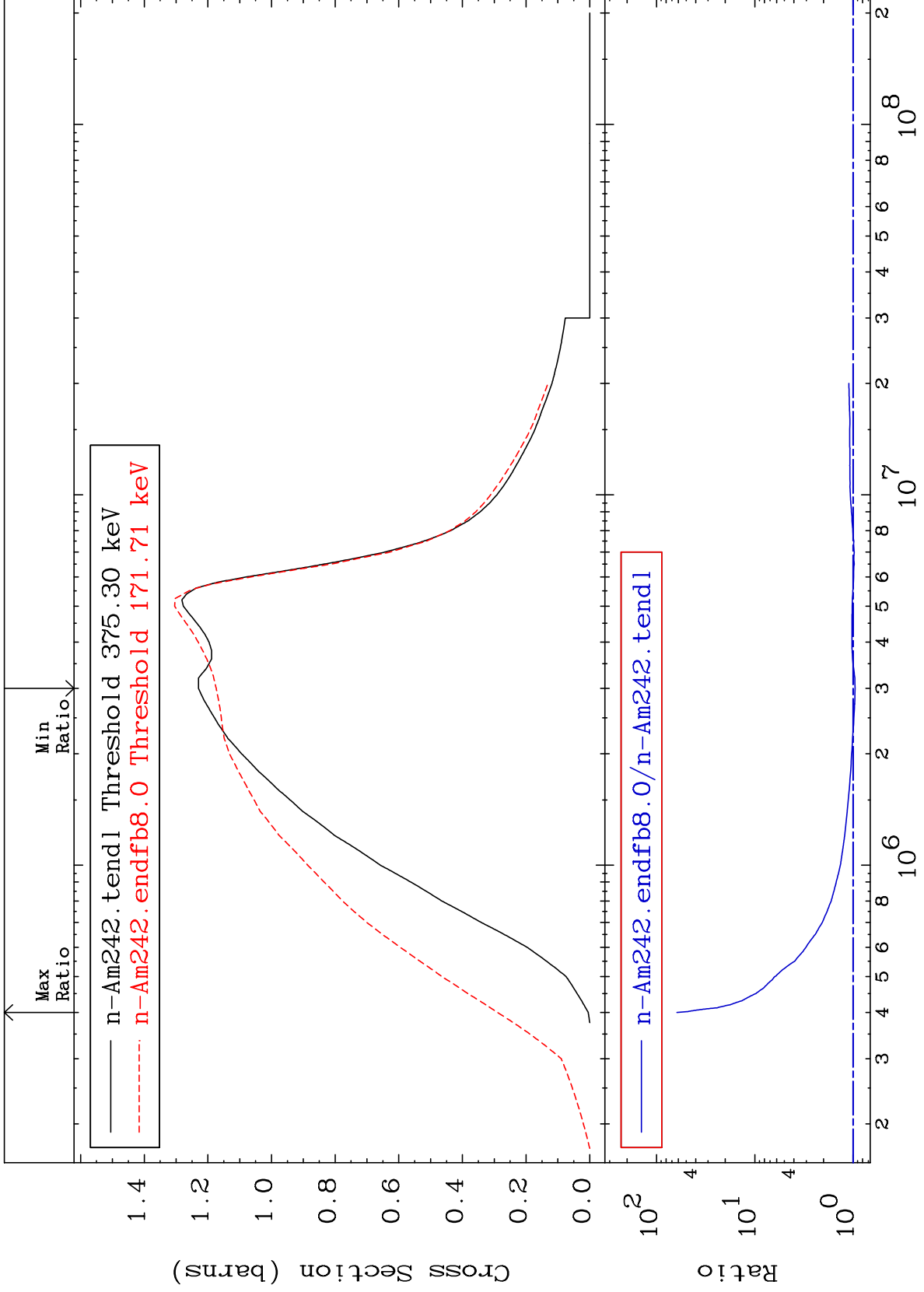
95-Am-242
-100.0 To 35.09 %



MAT 9546

(n, n') Continuum
Cross Section

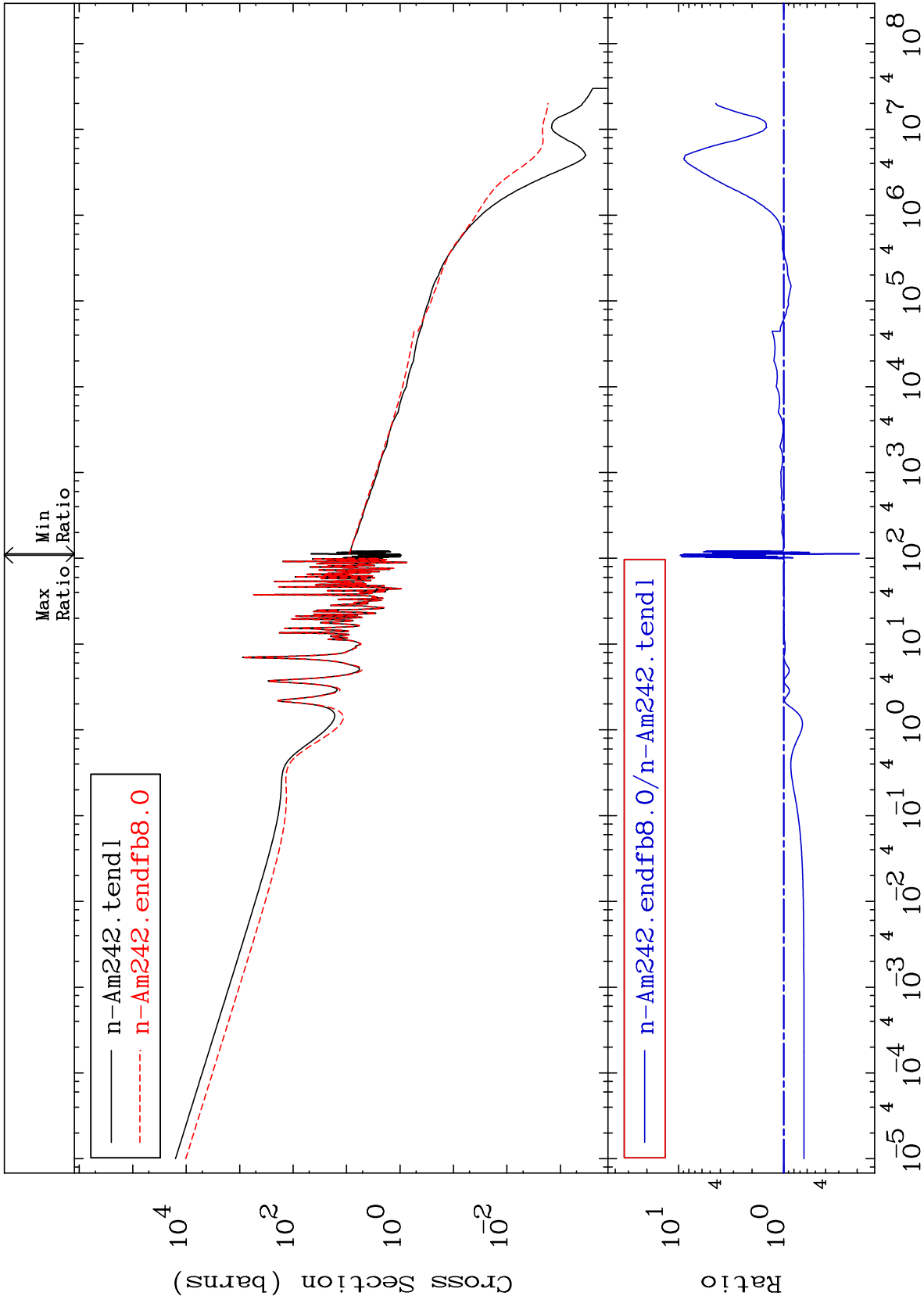
95-Am-242
-4.530 To 6114. %



MAT 9546

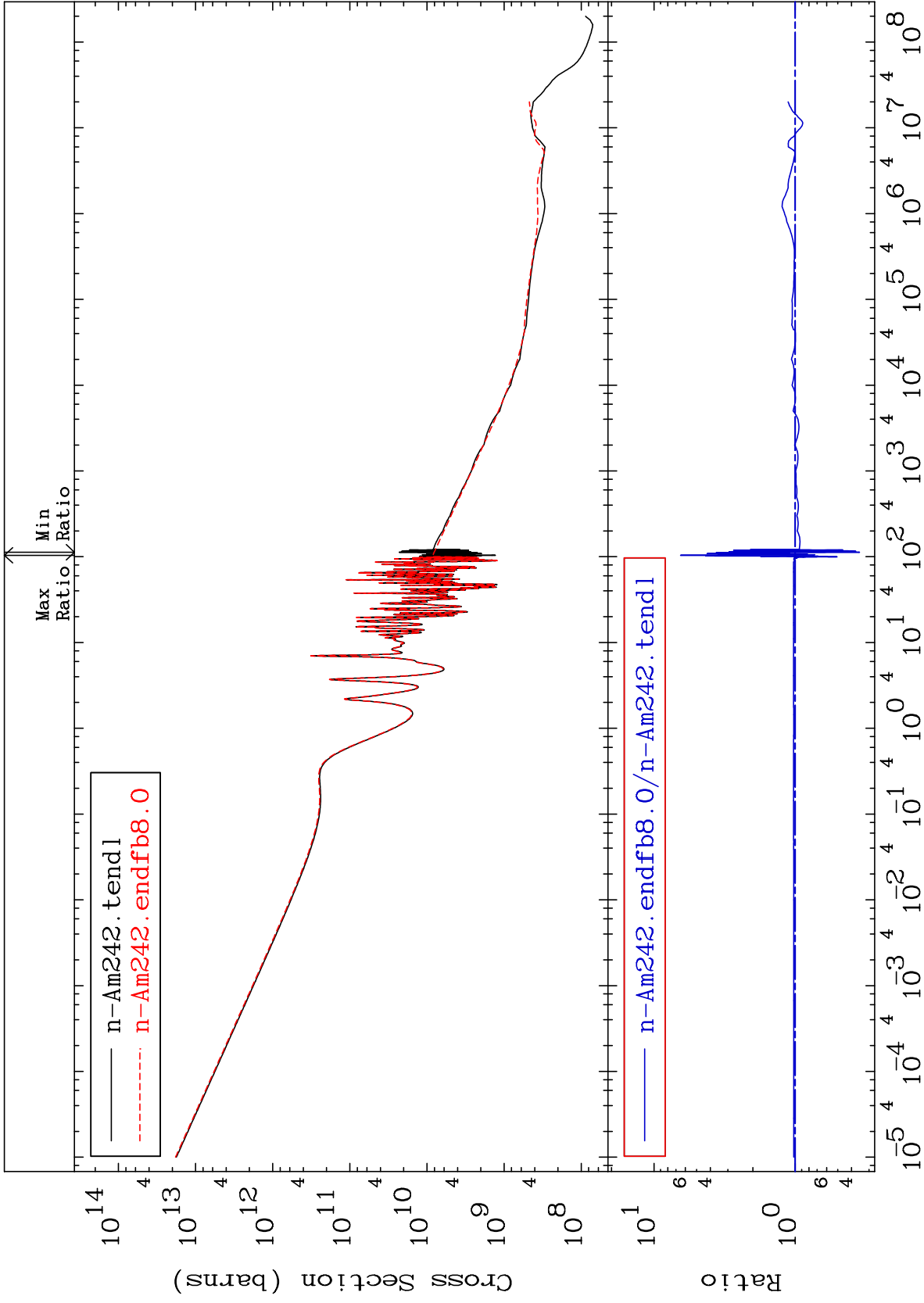
(n, γ)
Cross Section

95-Am-242
-80.95 To 861.7 %



Cross Section

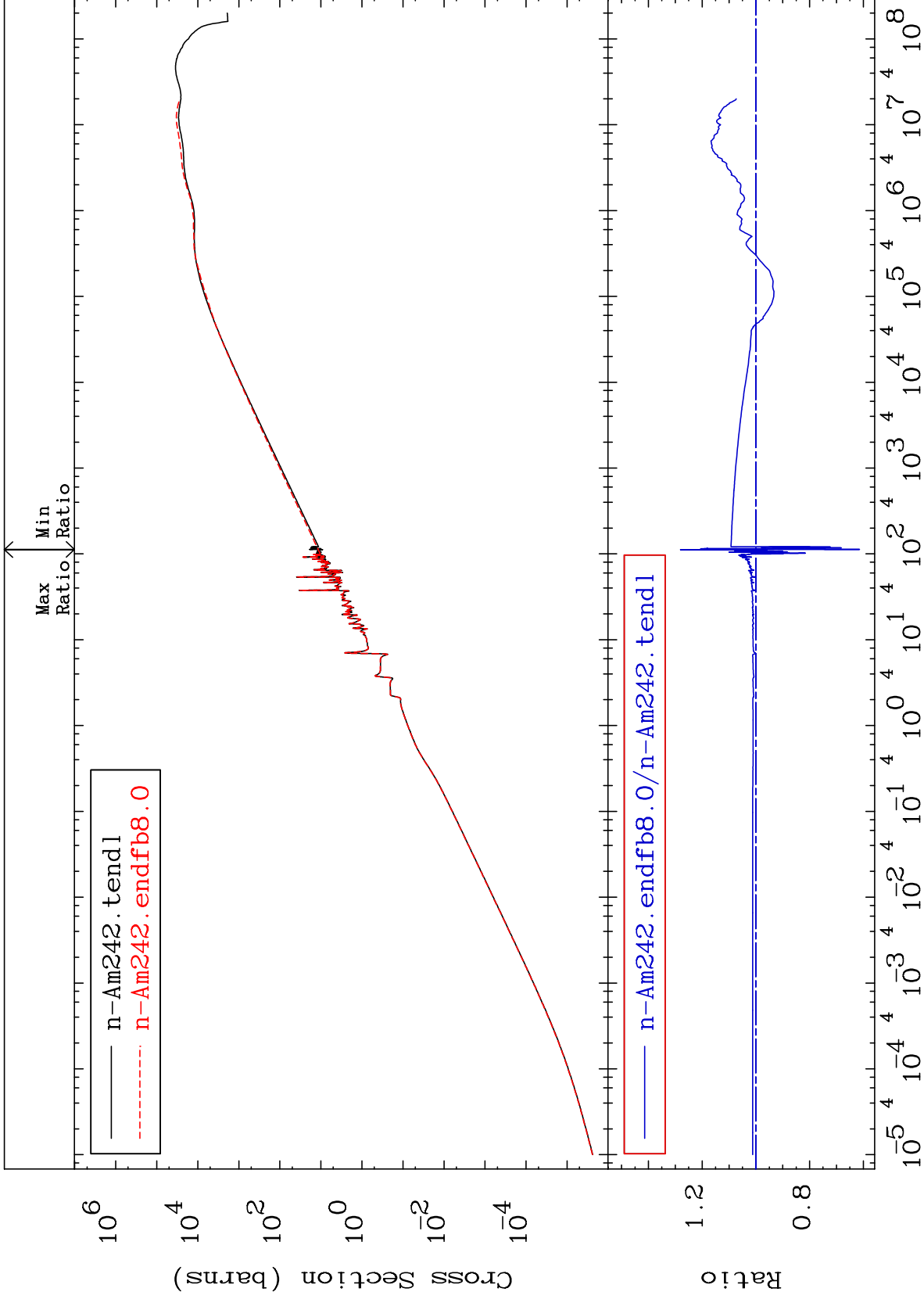
-64.88 To 551.6 %



MAT 9546

Kerma elastic
Cross Section

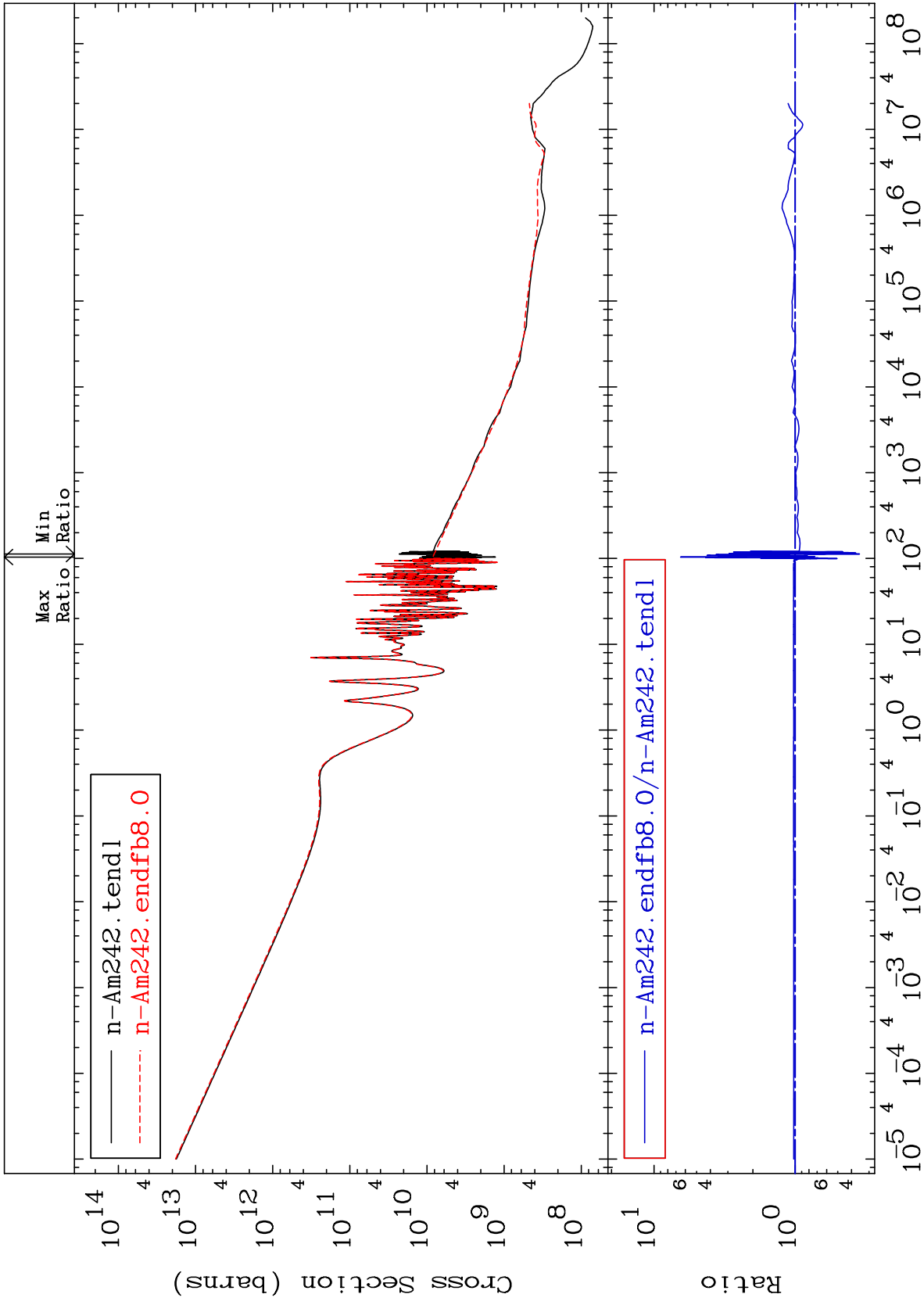
95-Am-242
-38.56 To 28.11 %

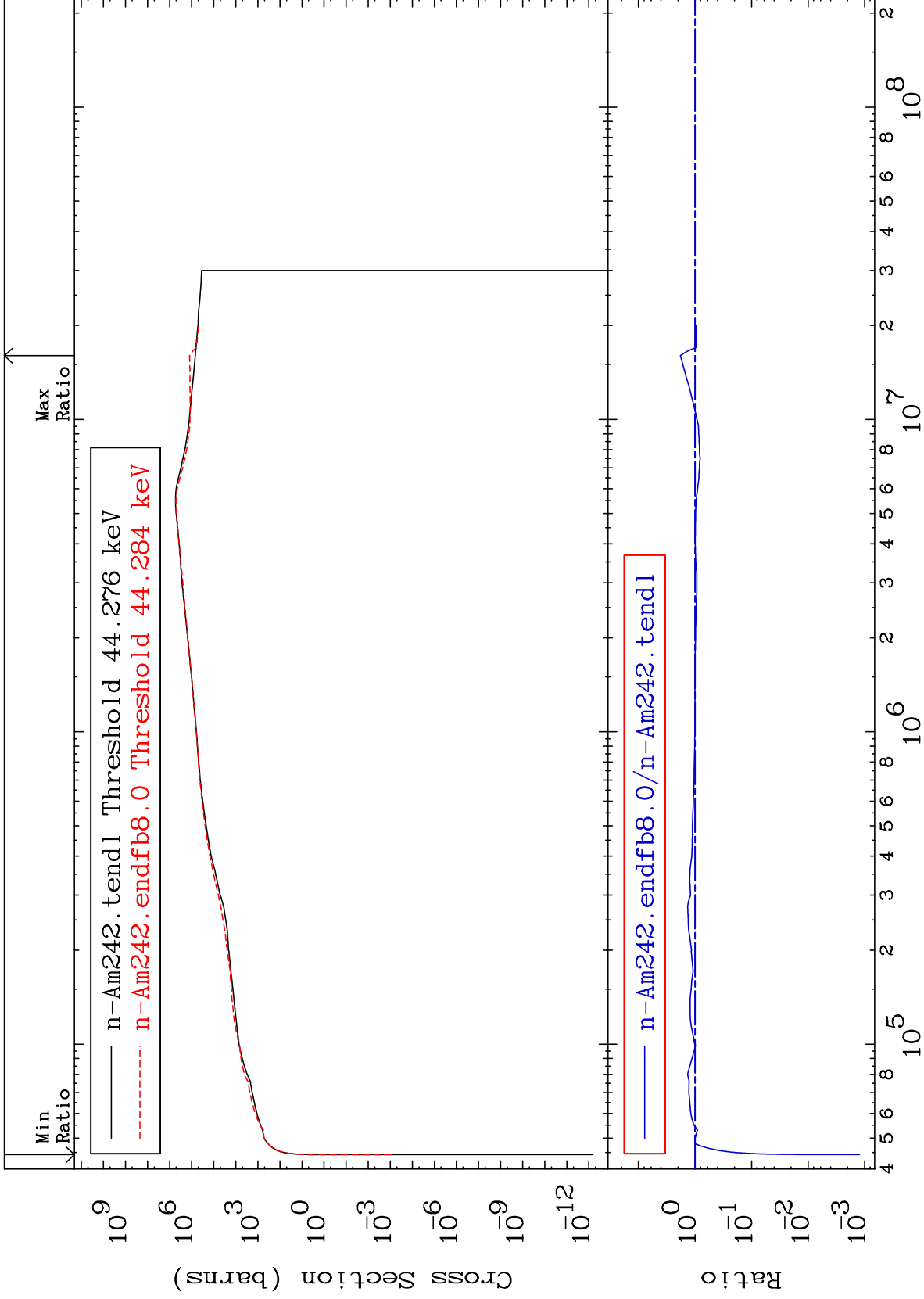


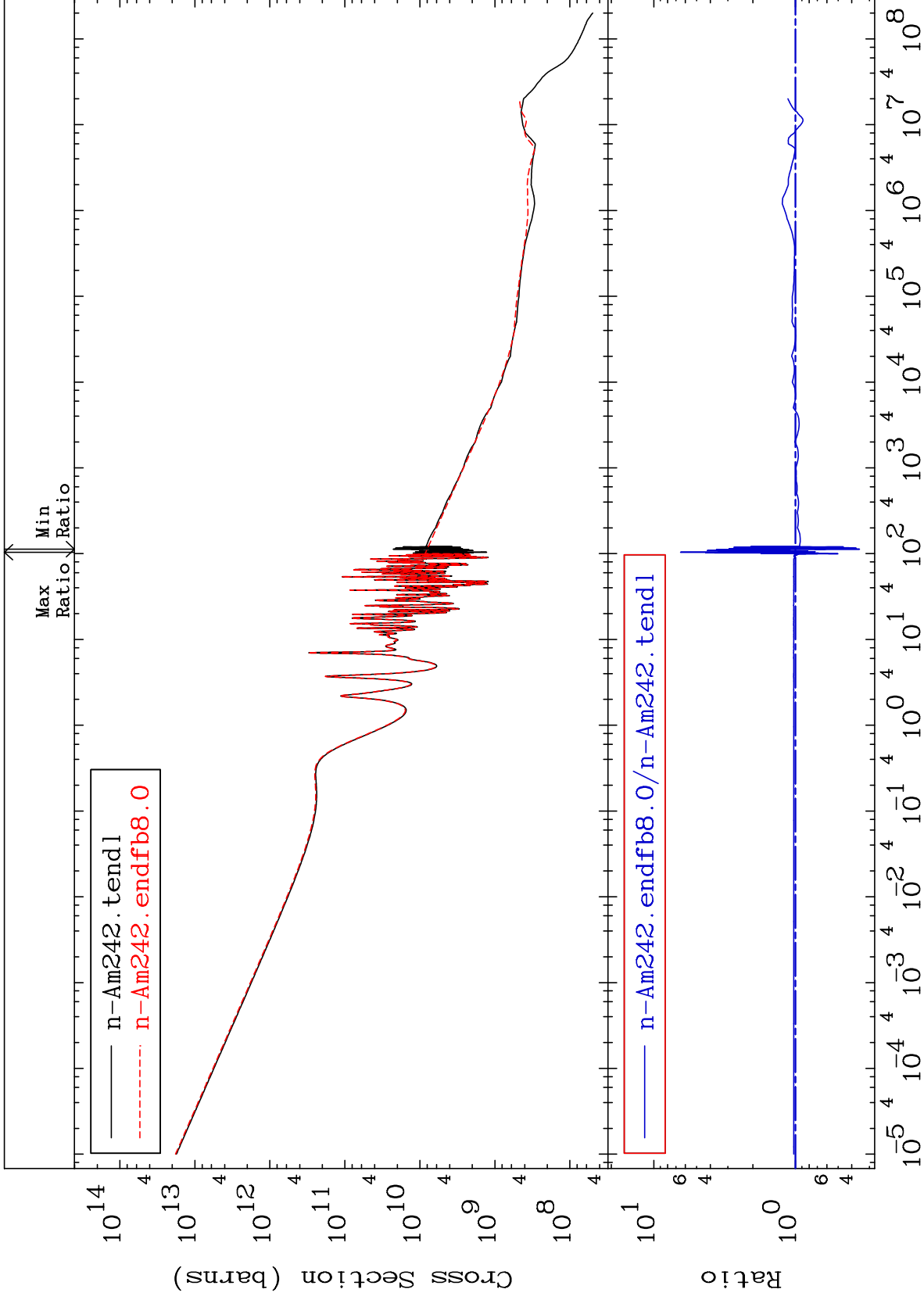
40

Incident Energy (eV)

95-Am-242



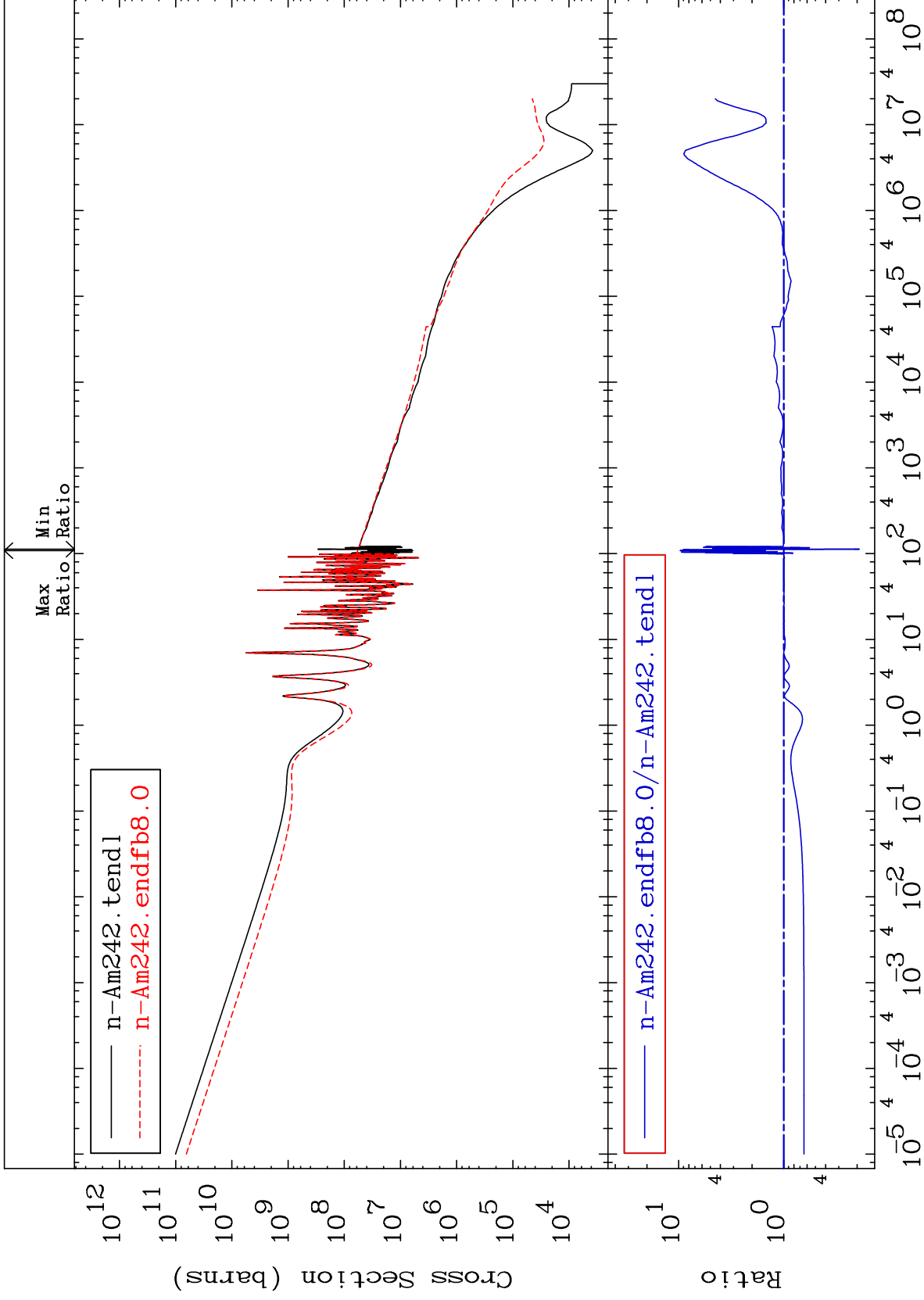


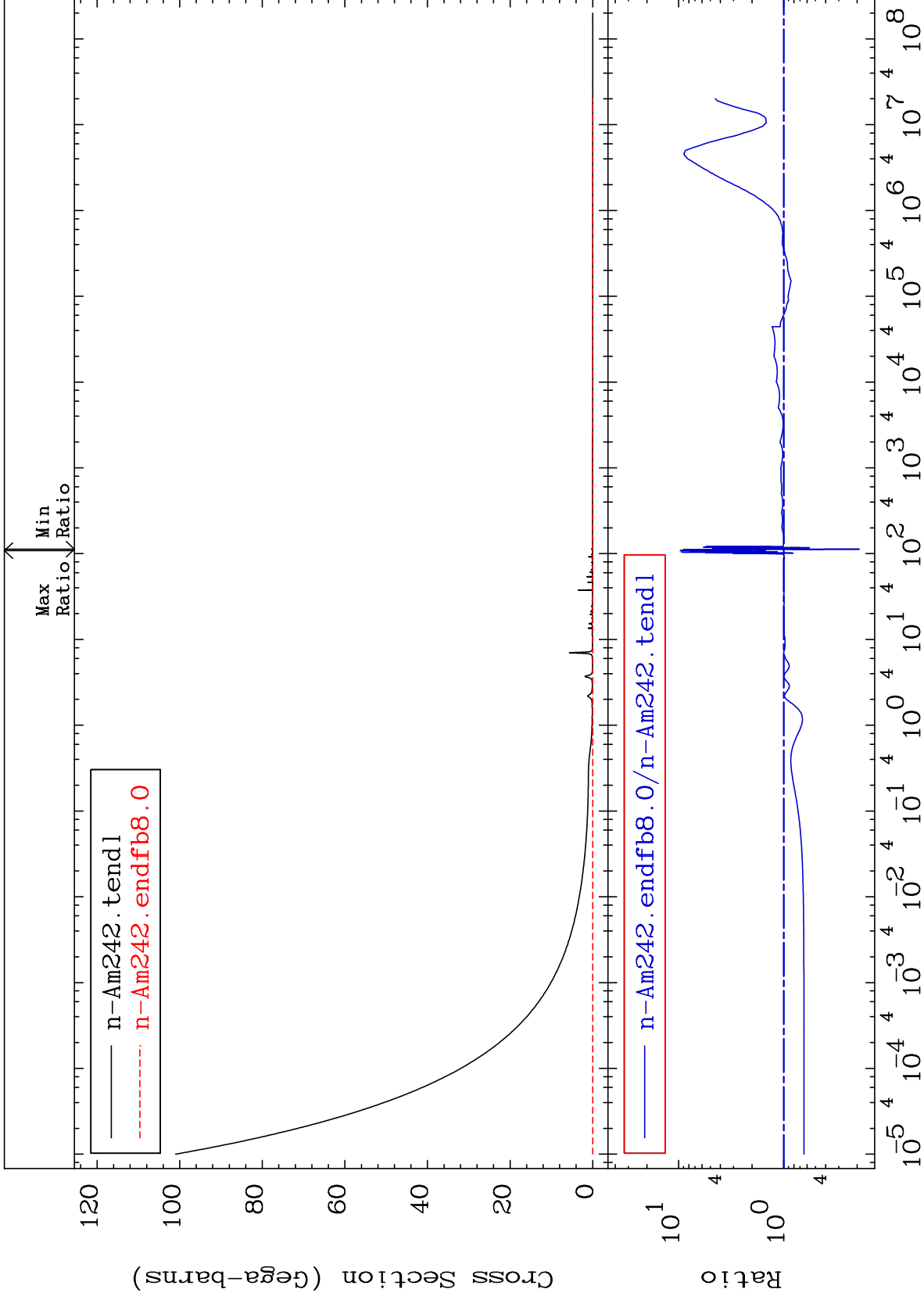


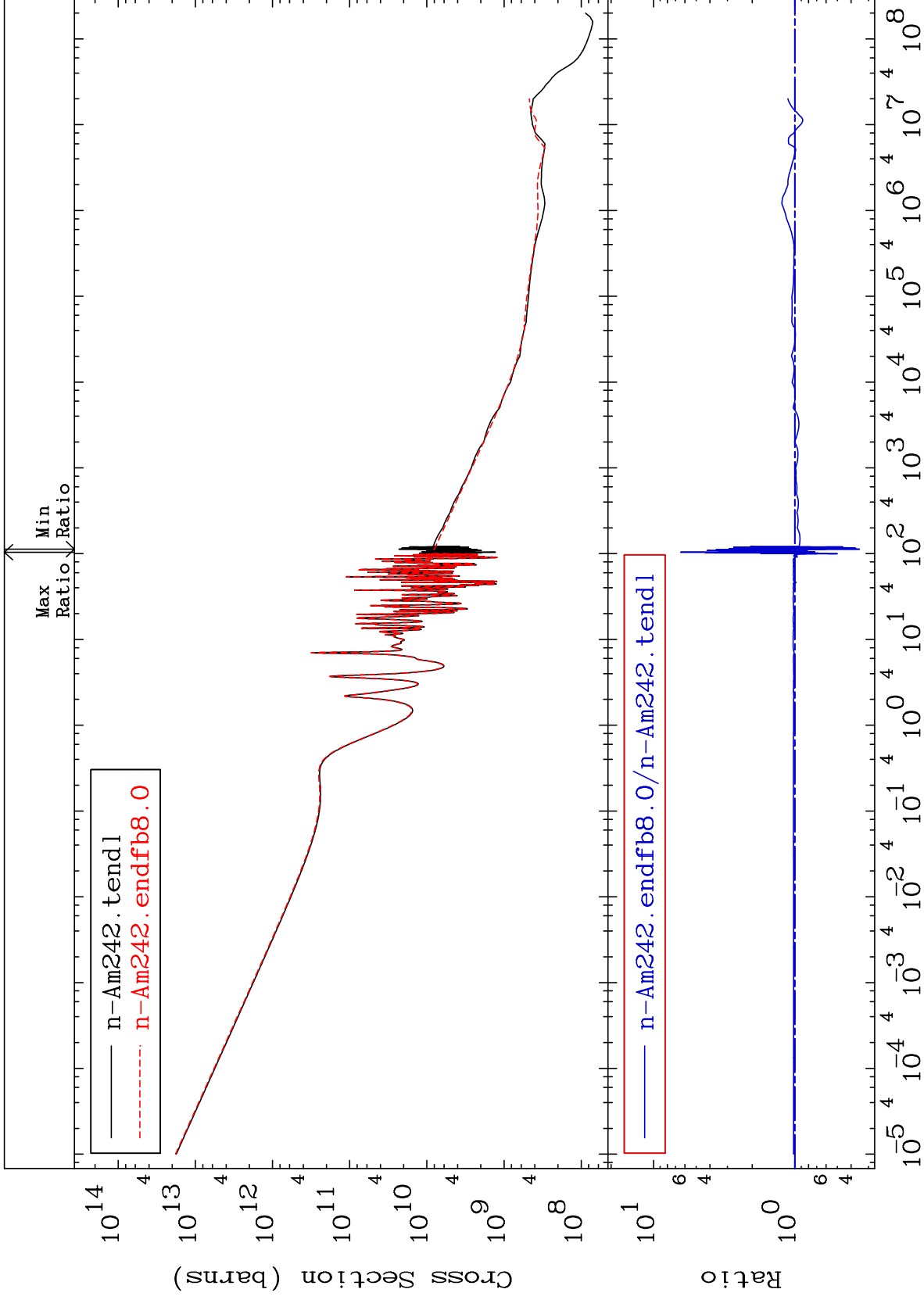
MAT 9546

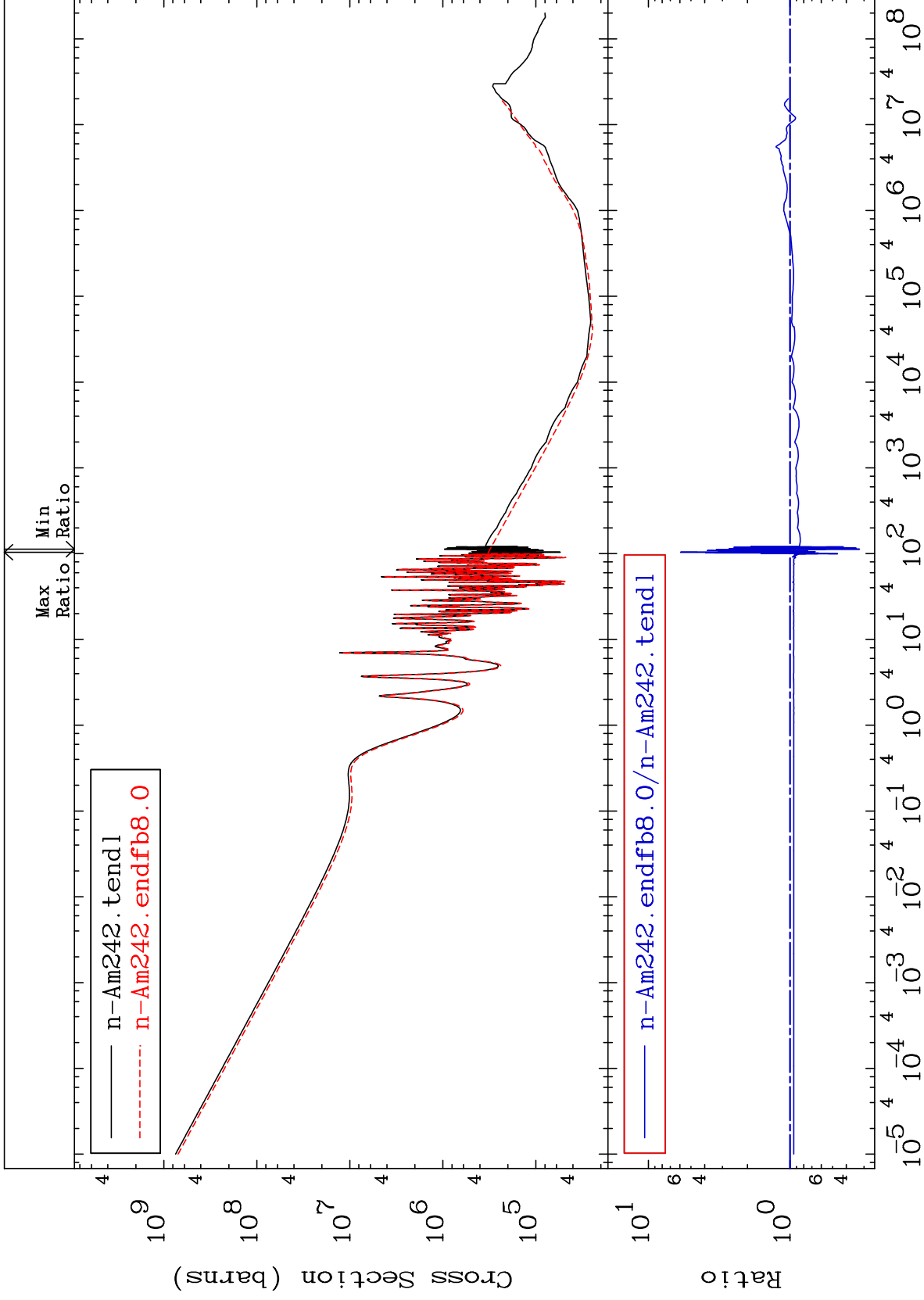
Kerma capture (mt102)
Cross Section

95-Am-242
-80.94 To 862.1 %





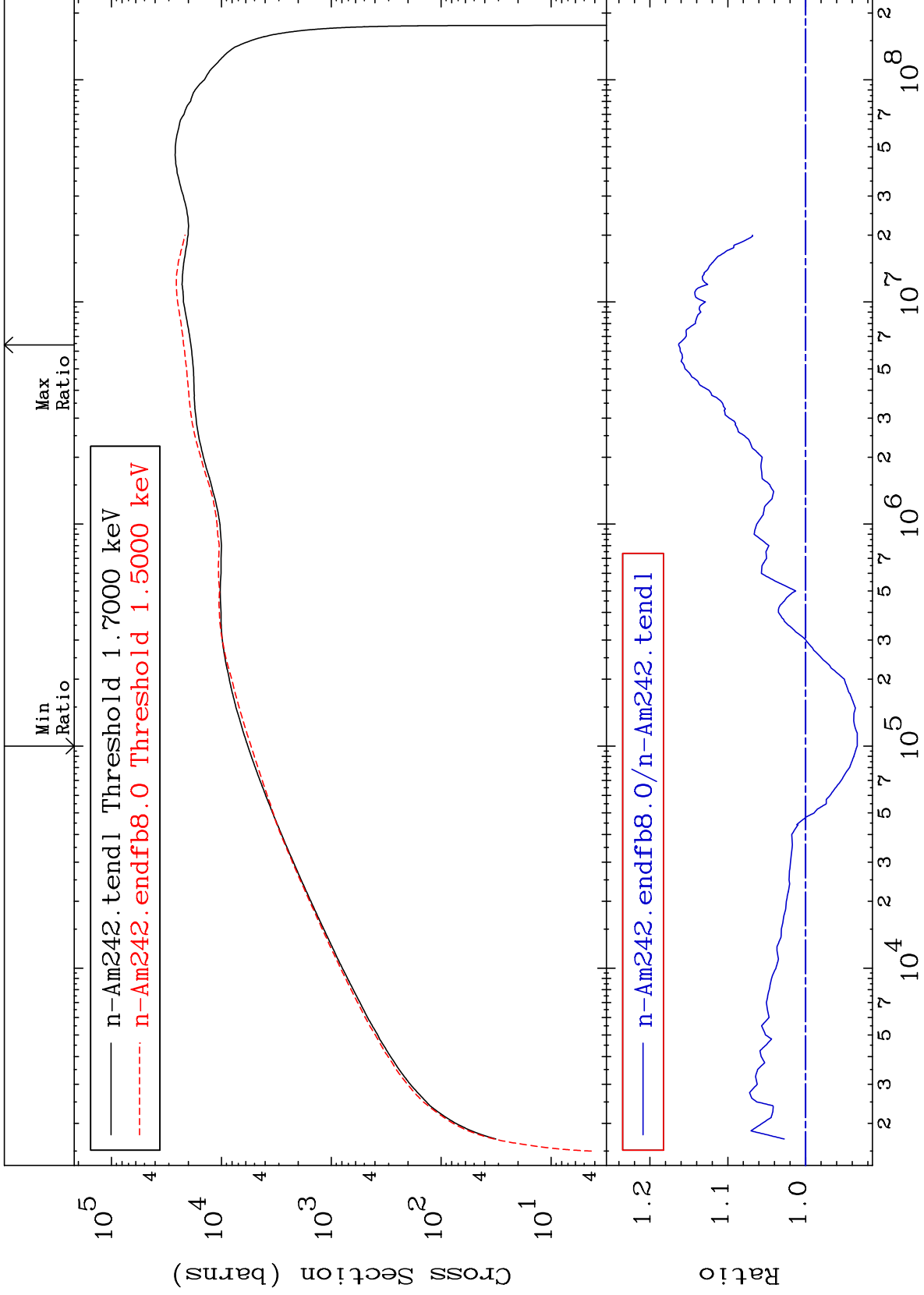


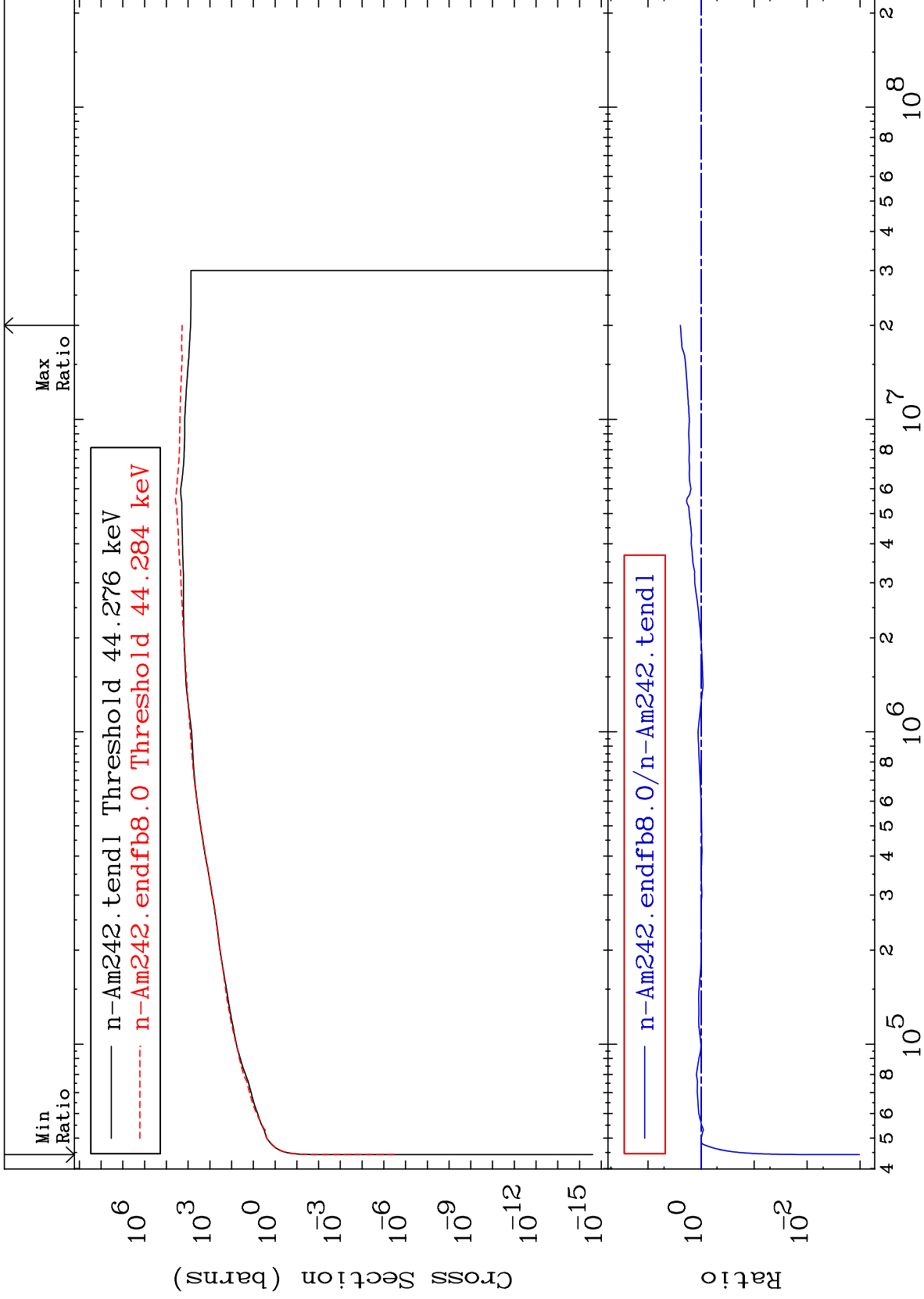


MAT 9546

Dpa elastic (mt2)
Cross Section

95-Am-242
-6.641 To 16.32 %

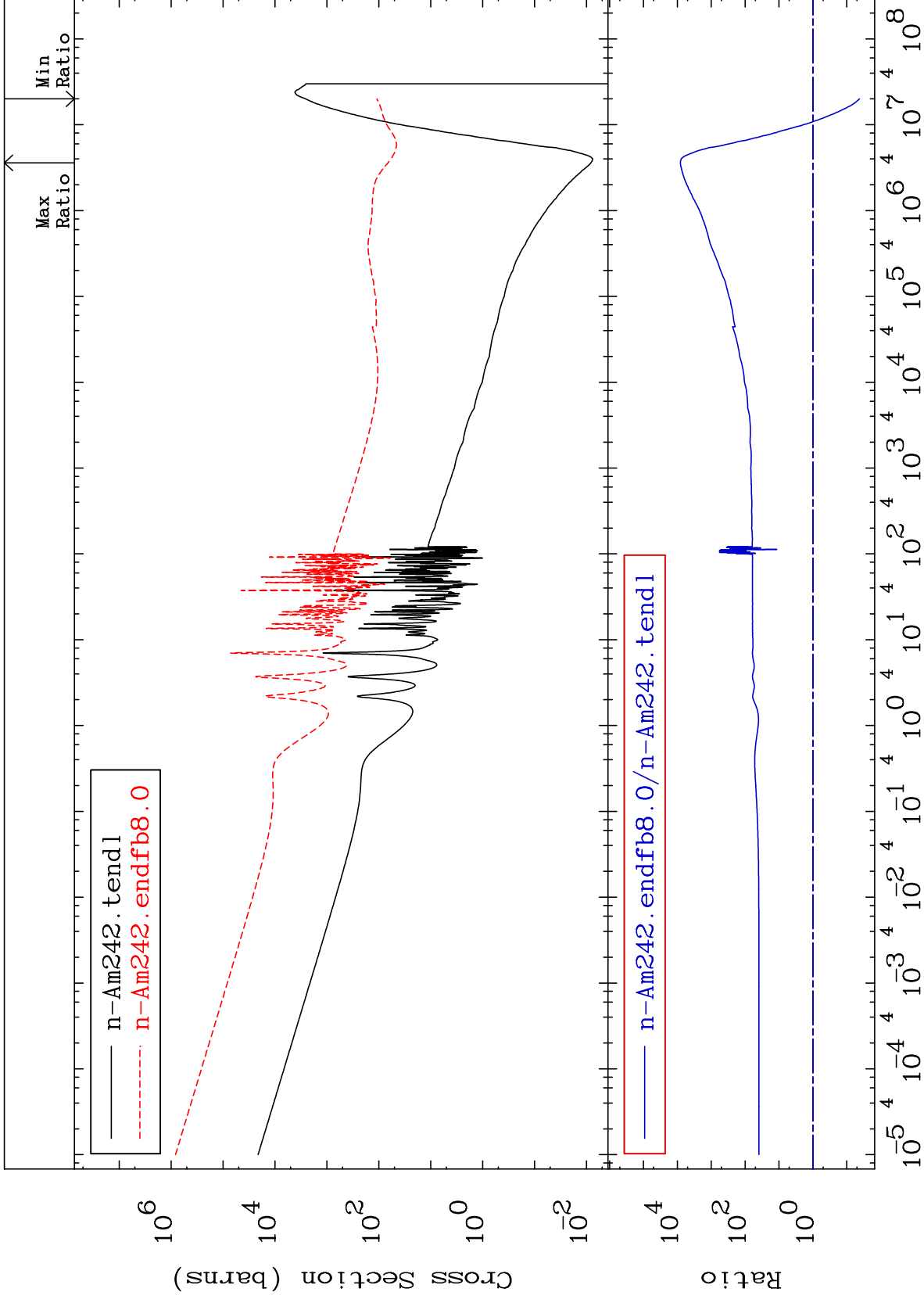




MAT 9546

Dpa disappearance (mt102 -120)
Cross Section

95-Am-242
-95.78 To 9999. %



50

Incident Energy (eV)

95-Am-242