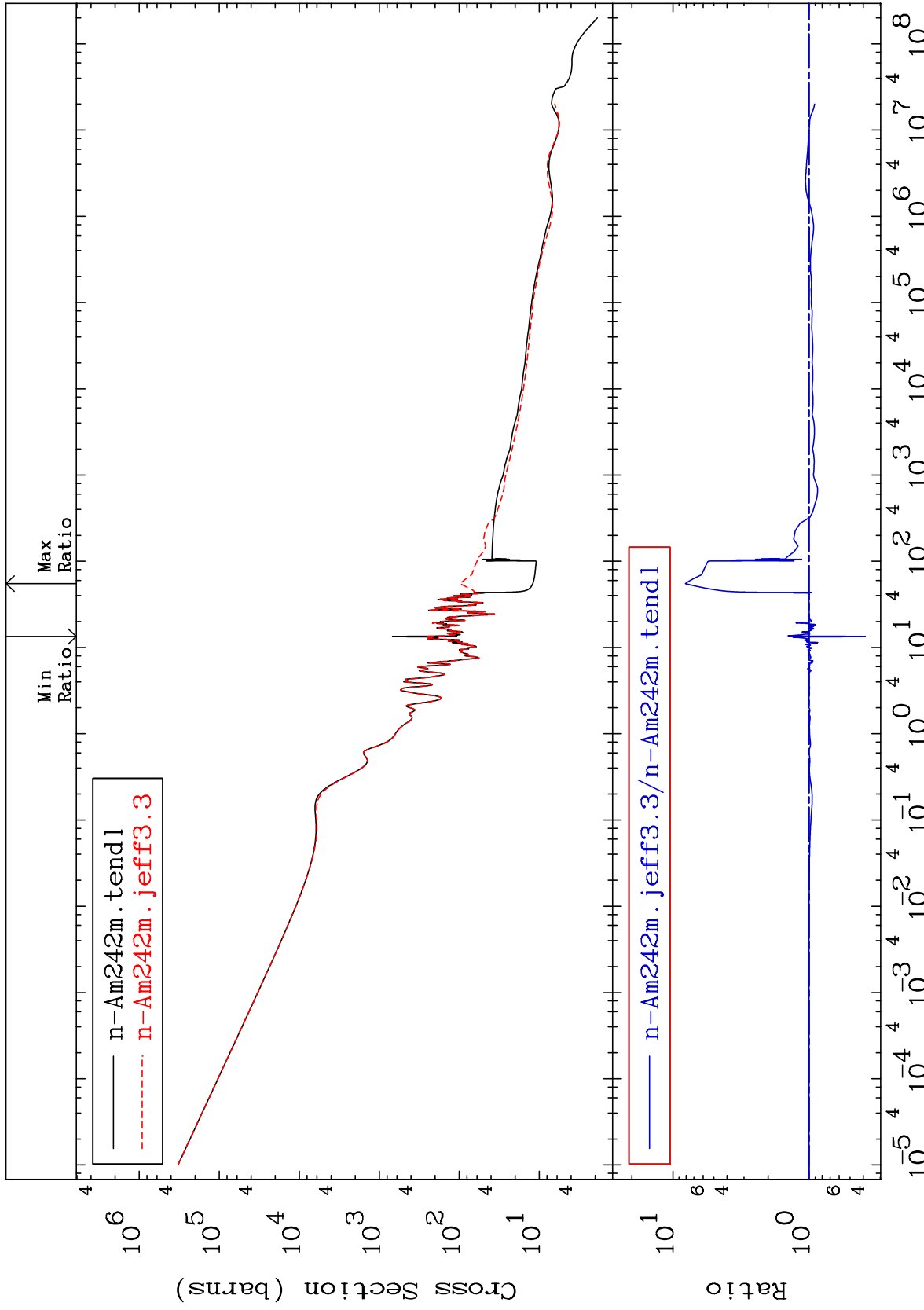


MAT 9547

95-Am-242

-61.43 To 710.0 %

Total
Cross Section



Incident Energy (eV)

95-Am-242

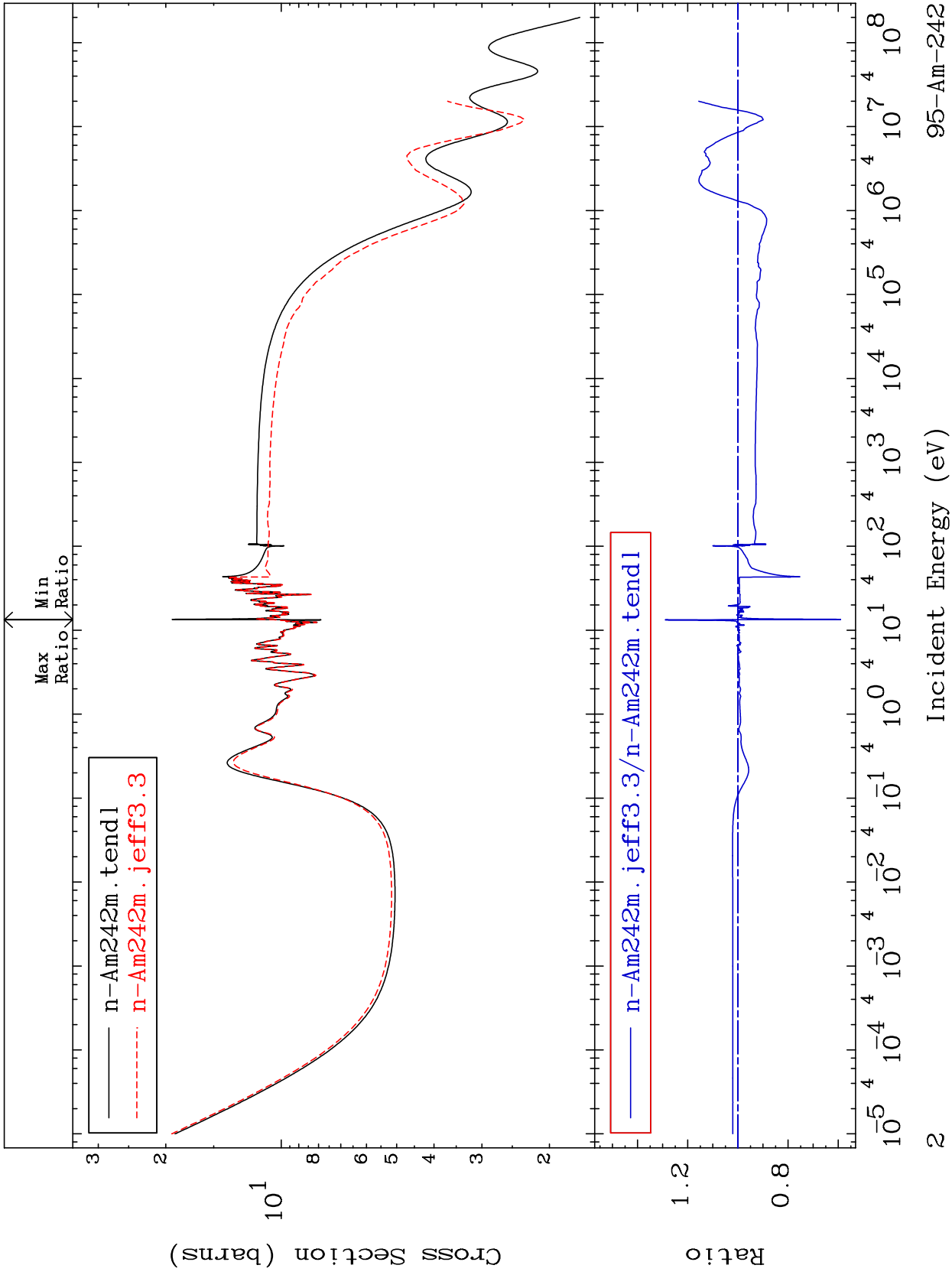
MAT 9547

Elastic

95-Am-242

Cross Section

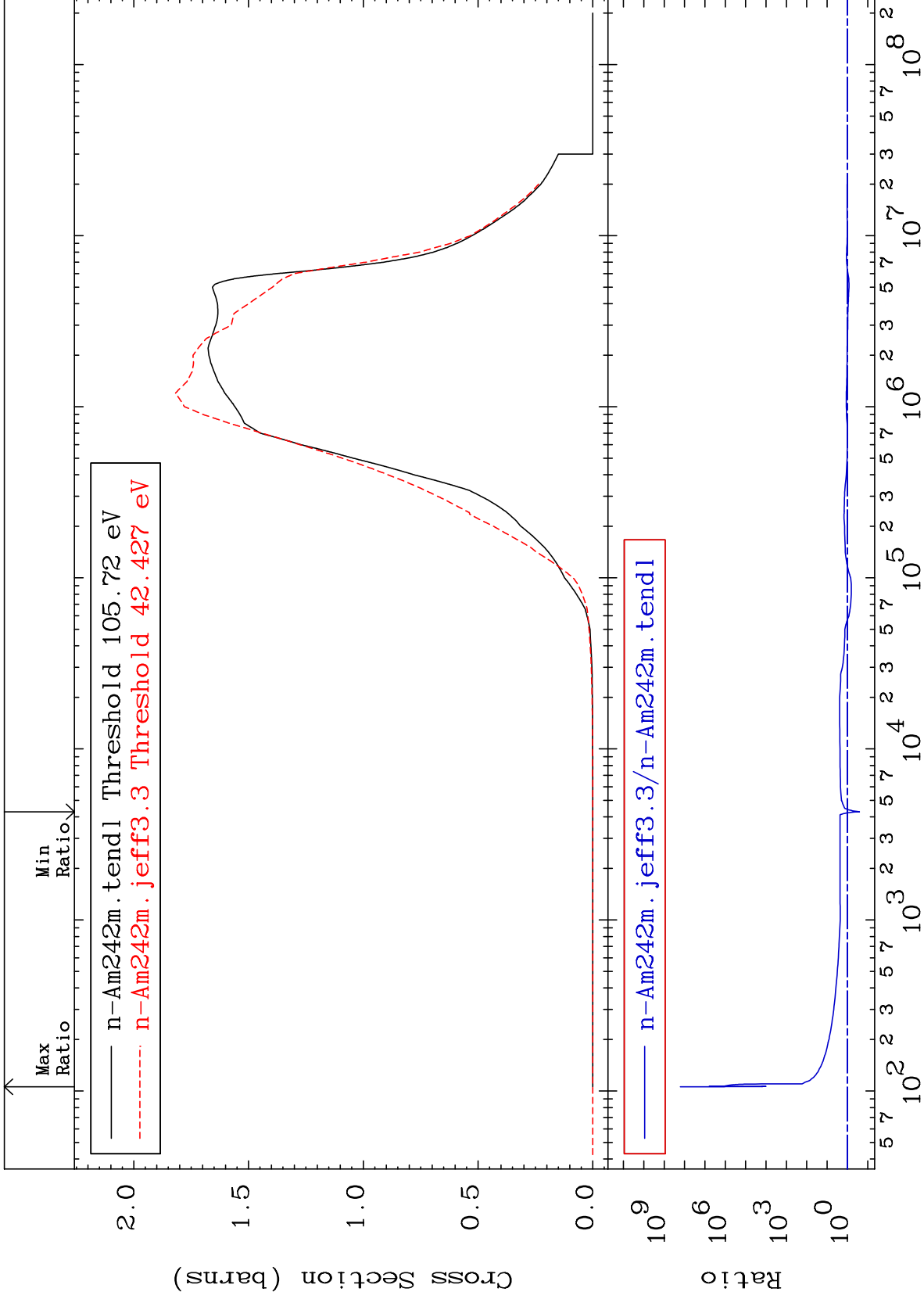
-40.95 To 28.87 %



MAT 9547

Inelastic
Cross Section

95-Am-242
-74.27 To 9999. %

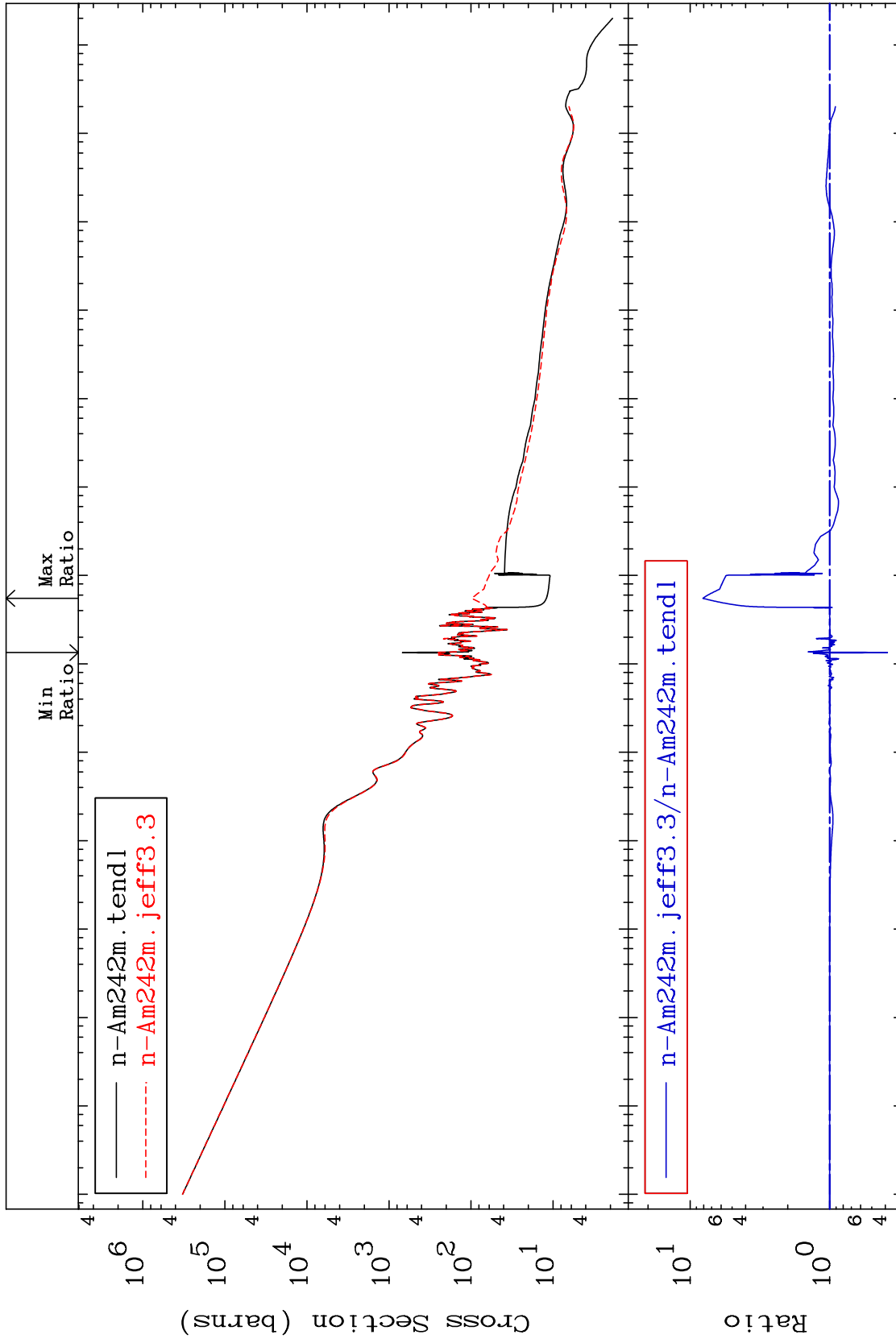


MAT 9547

95-Am-242

-61.43 To 710.0 %

Total
Cross Section



Incident Energy (eV)

95-Am-242

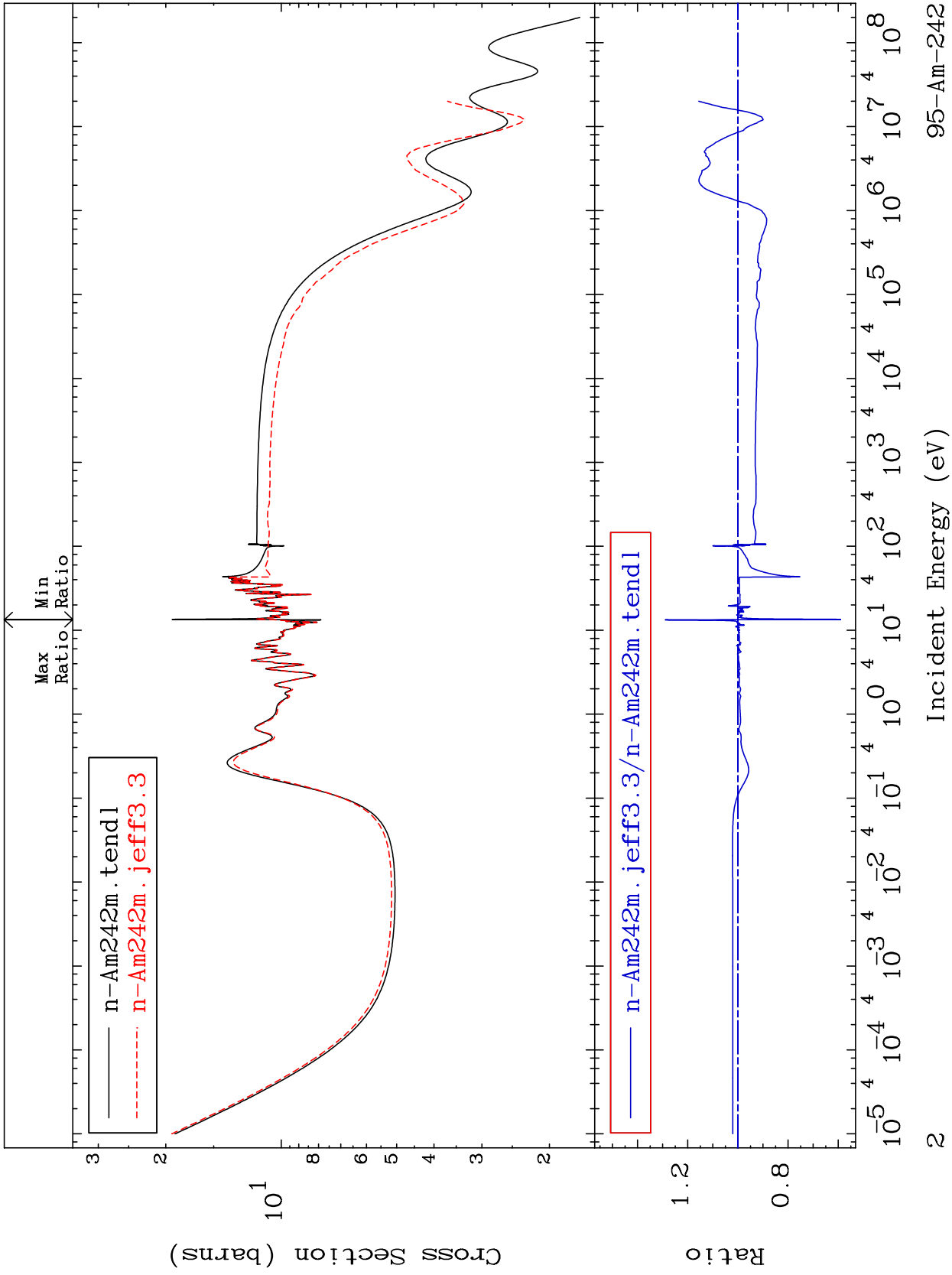
MAT 9547

Elastic

95-Am-242

Cross Section

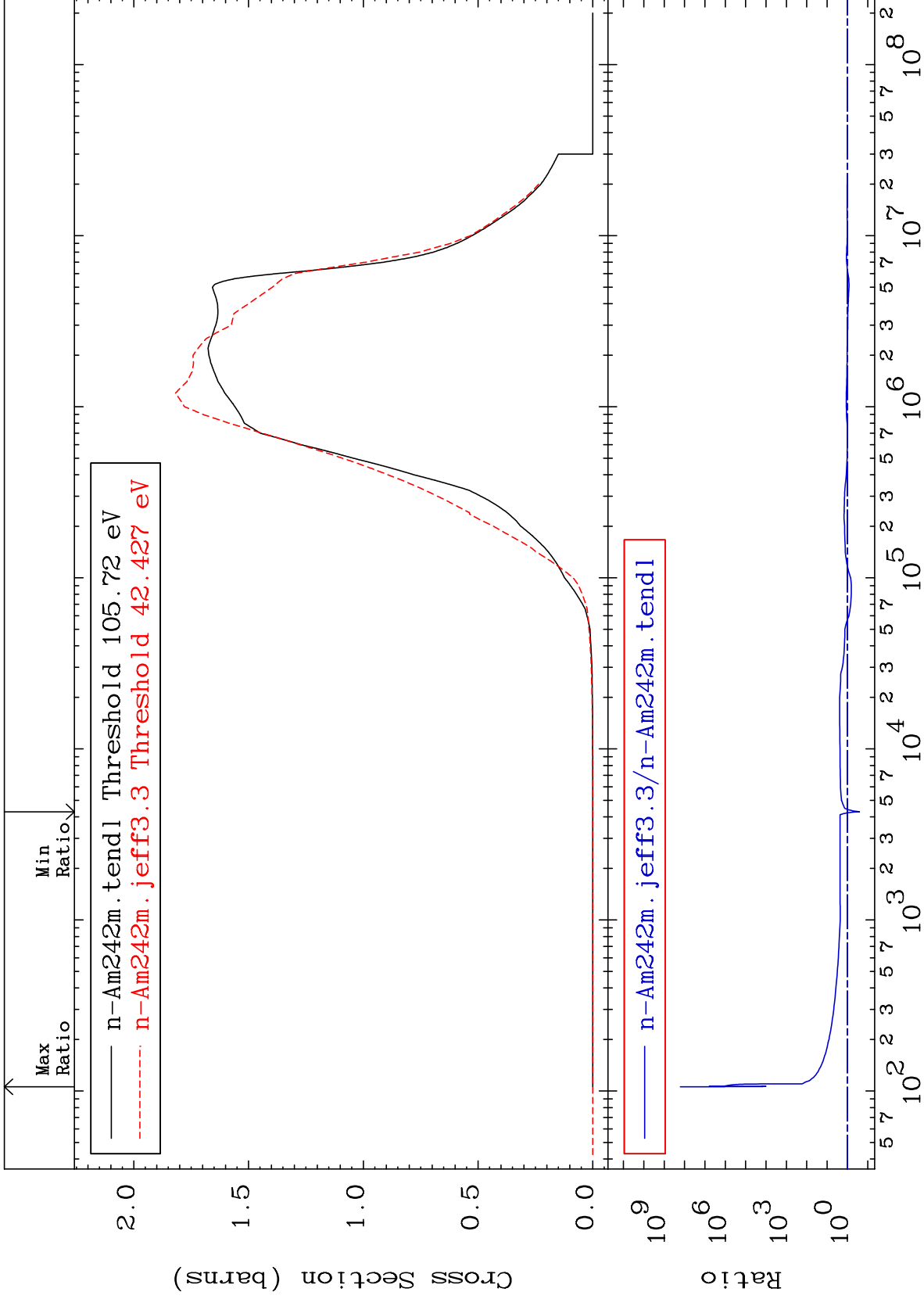
-40.95 To 28.87 %



MAT 9547

Inelastic
Cross Section

95-Am-242
-74.27 To 9999. %

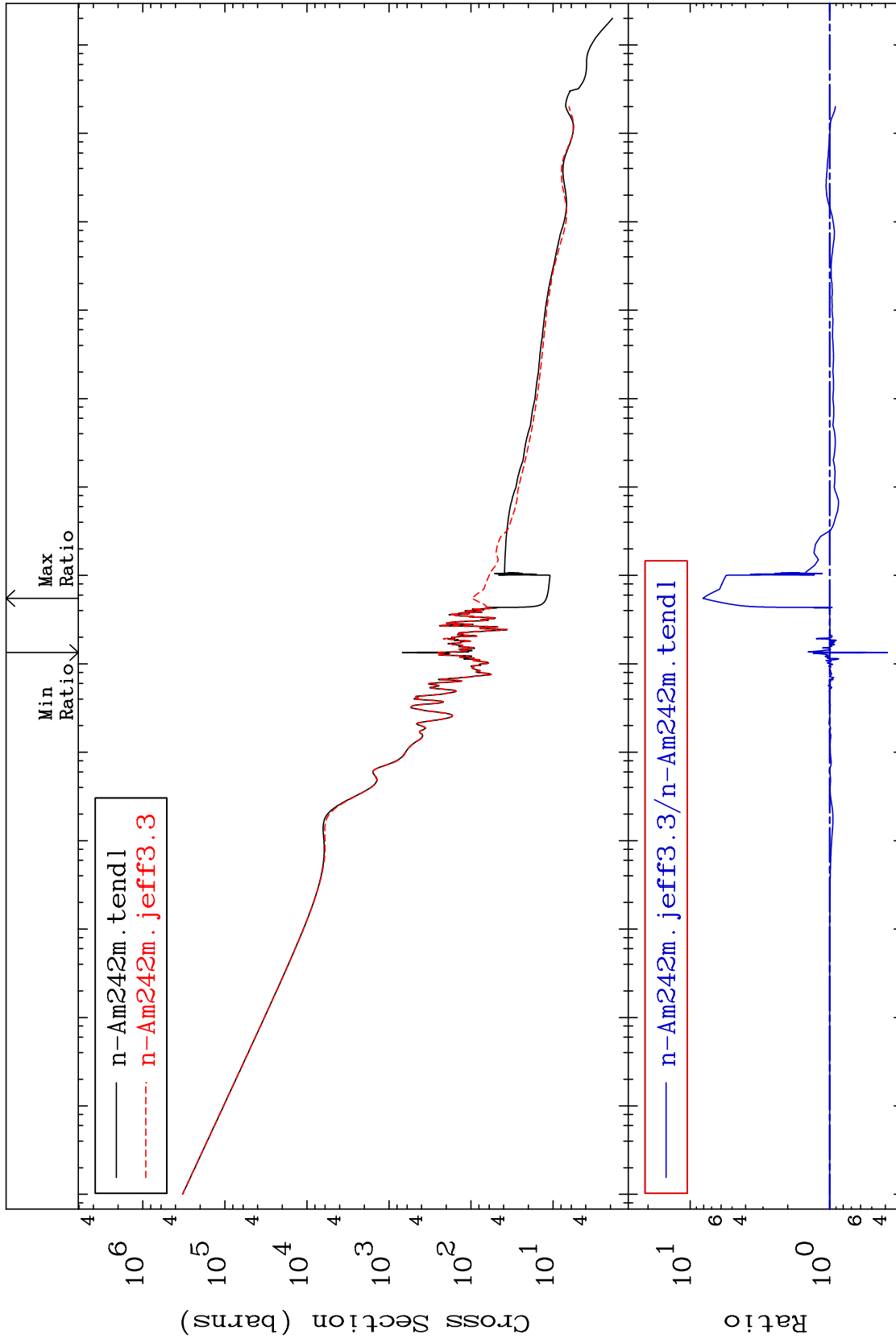


MAT 9547

95-Am-242

-61.43 To 710.0 %

Total
Cross Section



Incident Energy (eV)

95-Am-242

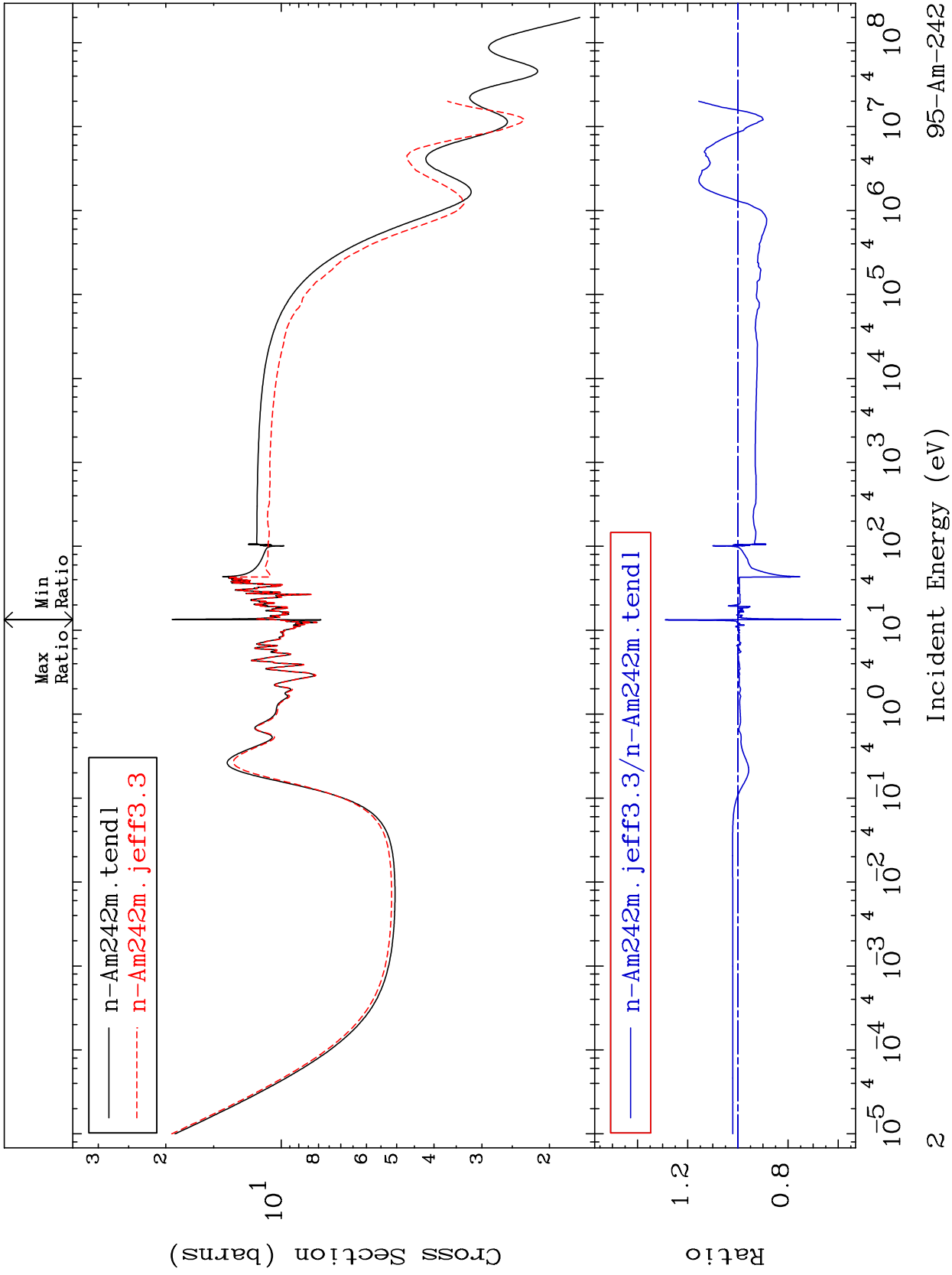
MAT 9547

Elastic

95-Am-242

Cross Section

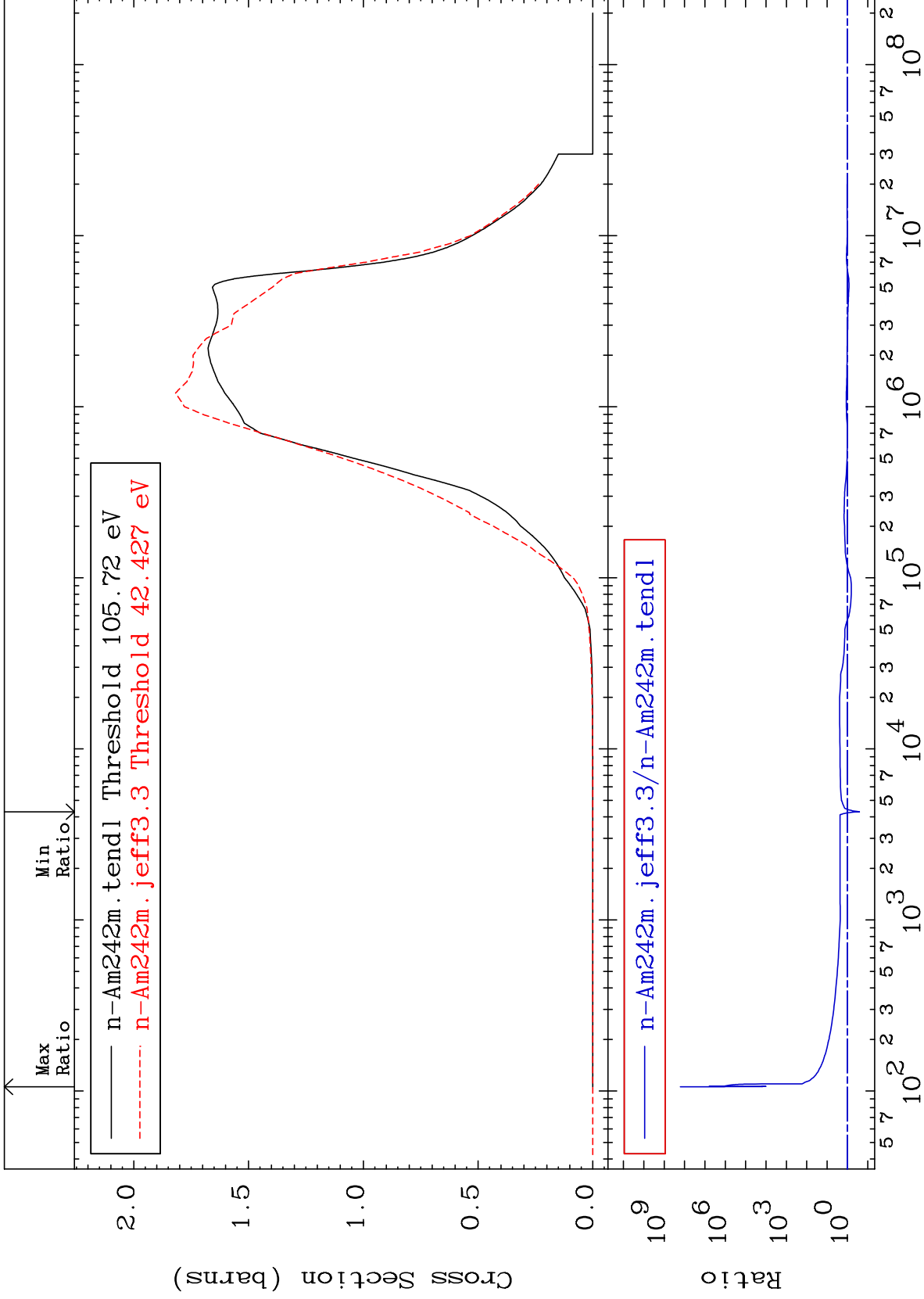
-40.95 To 28.87 %



MAT 9547

Inelastic
Cross Section

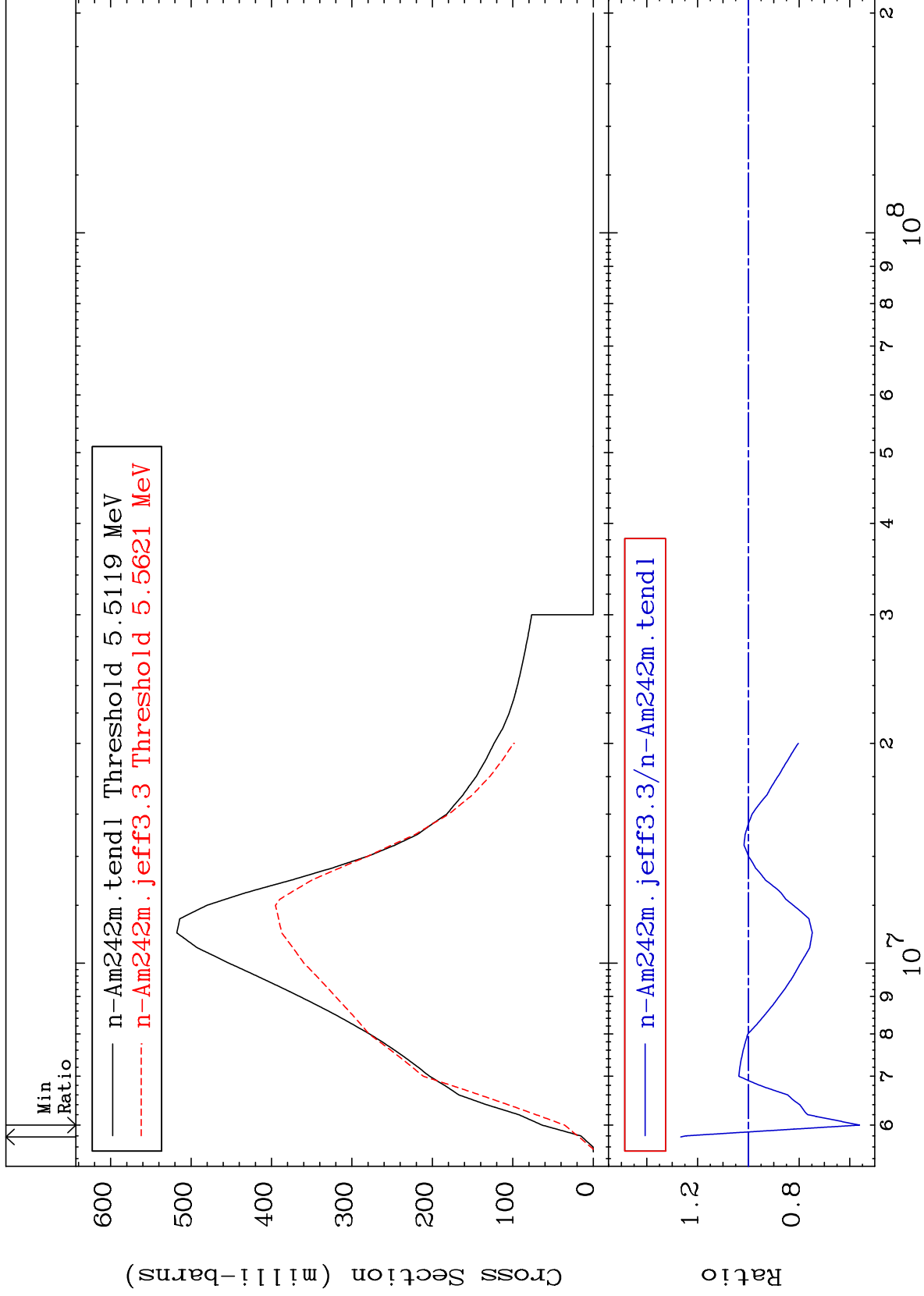
95-Am-242
-74.27 To 9999. %



MAT 9547

(n,2n)
Cross Section

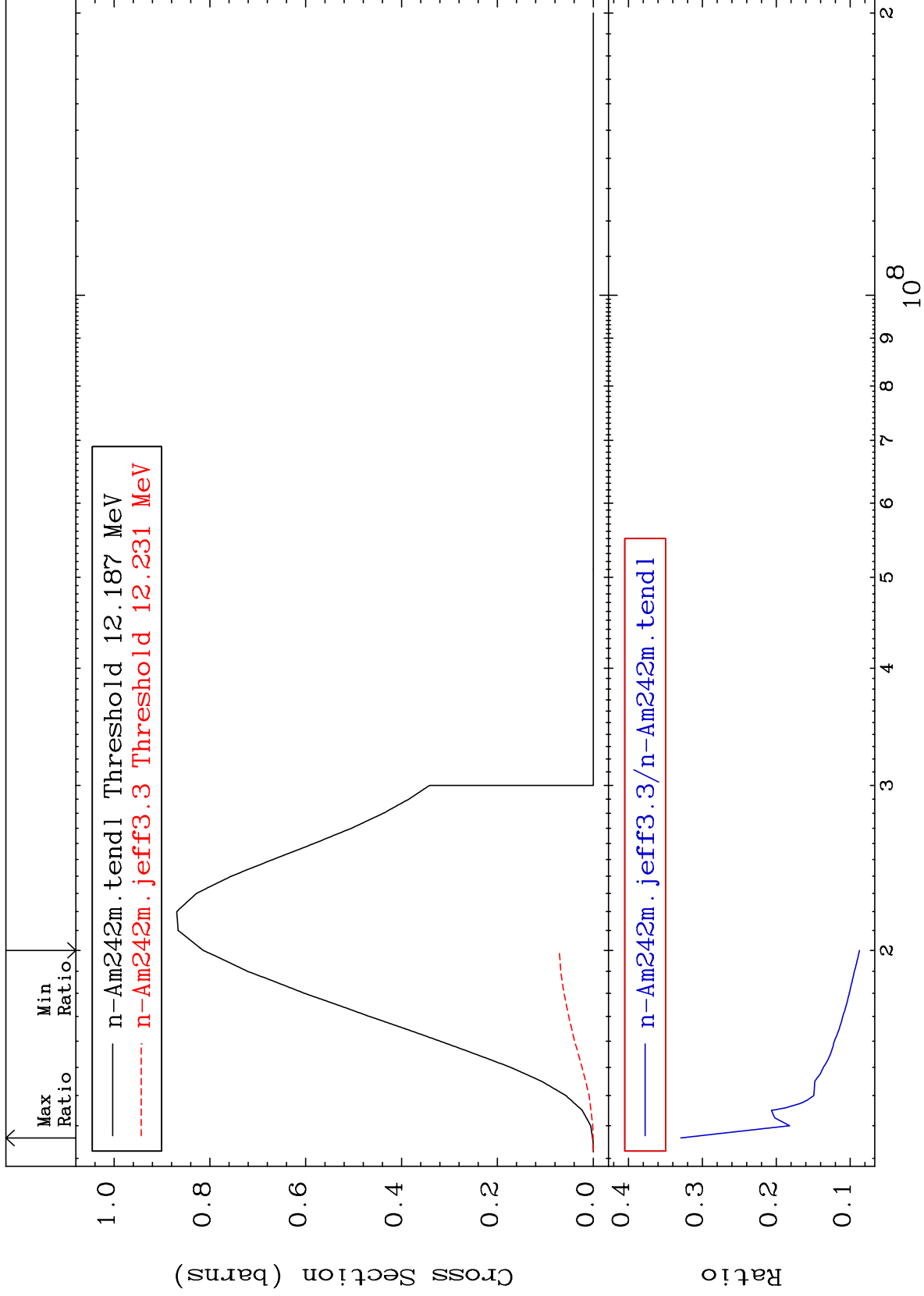
95-Am-242
-43.82 To 26.62 %



MAT 9547

(n,3n)
Cross Section

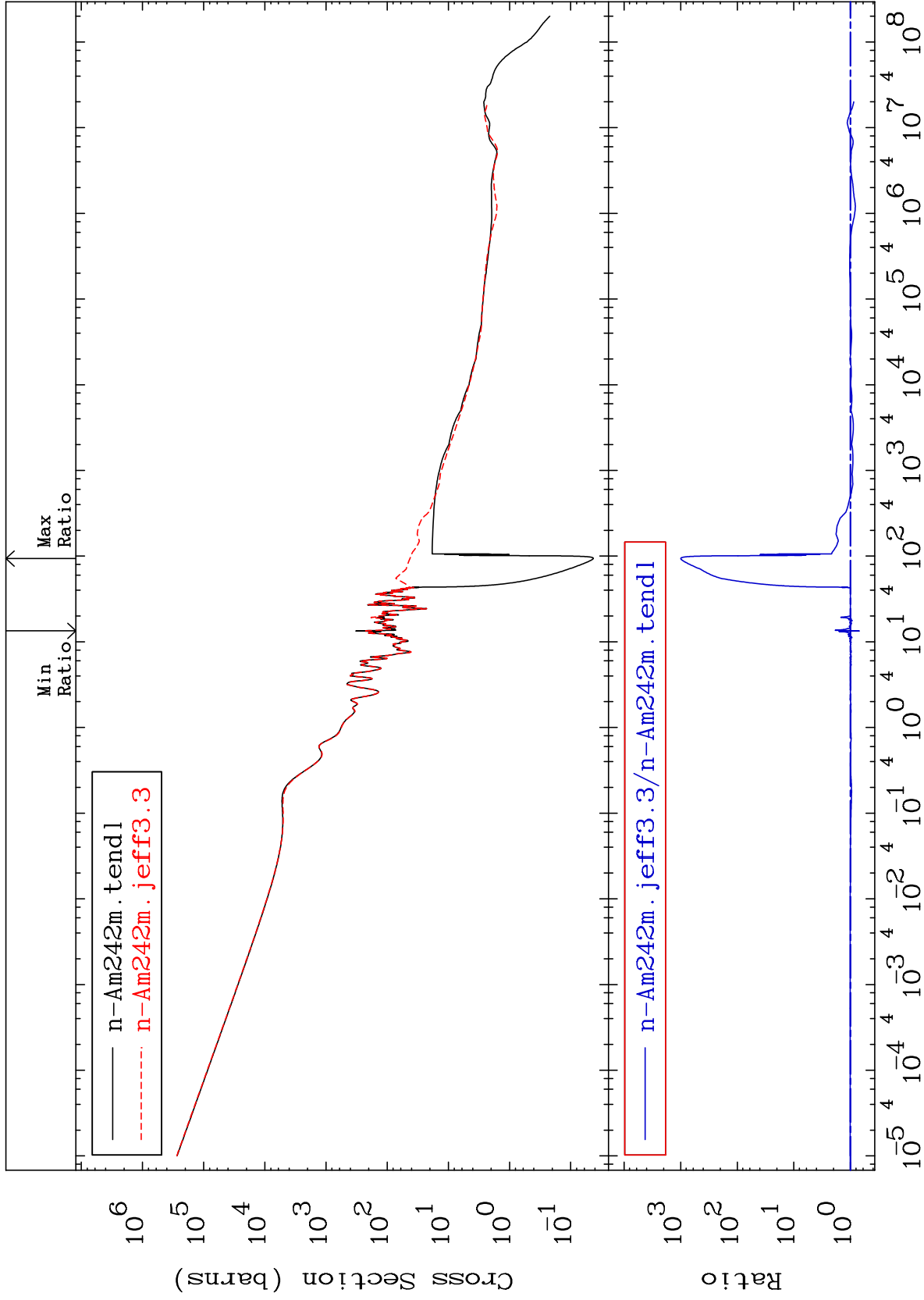
95-Am-242
-91.28 To -67.07%



MAT 9547

Fission Cross Section

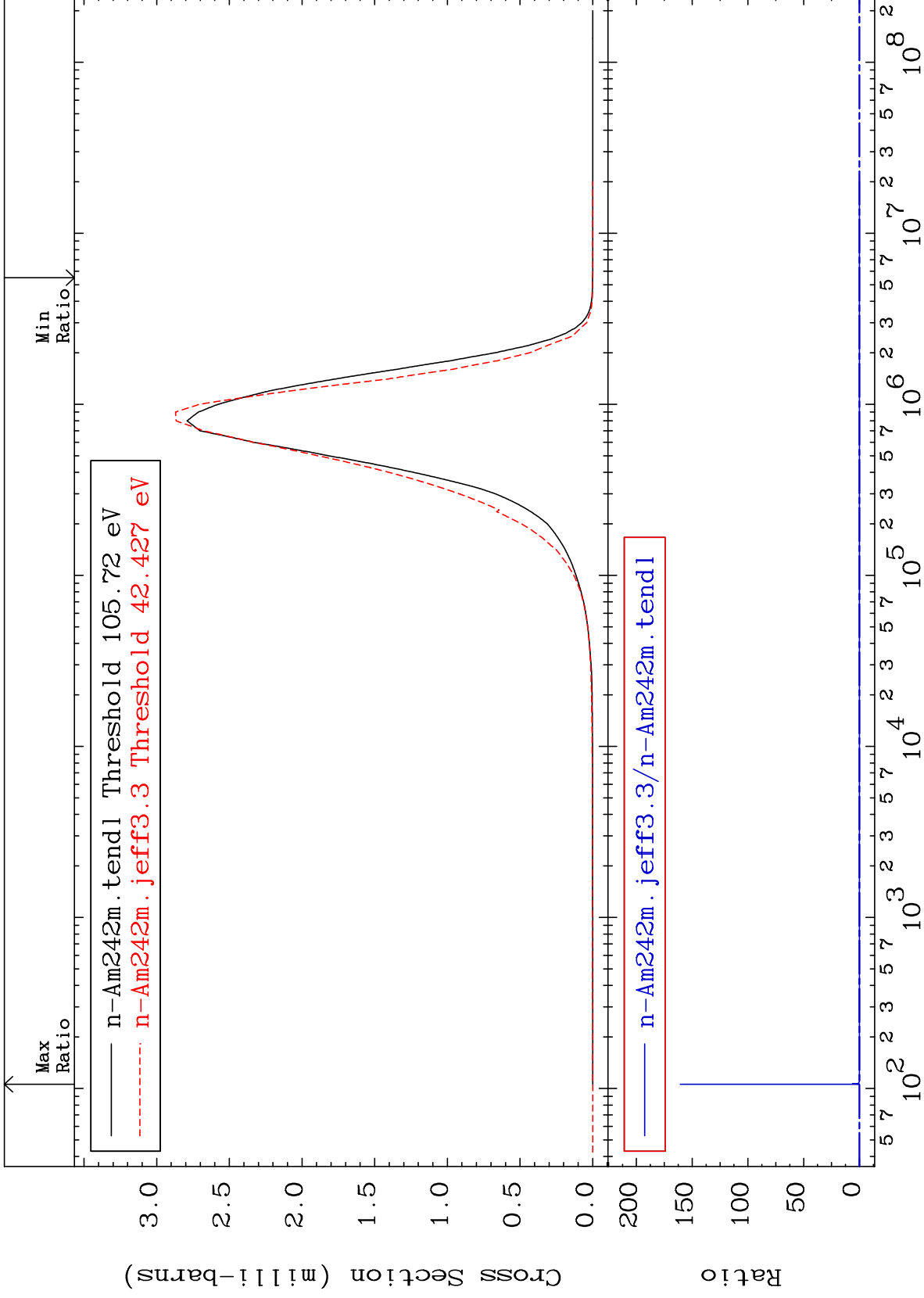
95-Am-242
-30.87 To 9999. %



MAT 9547

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

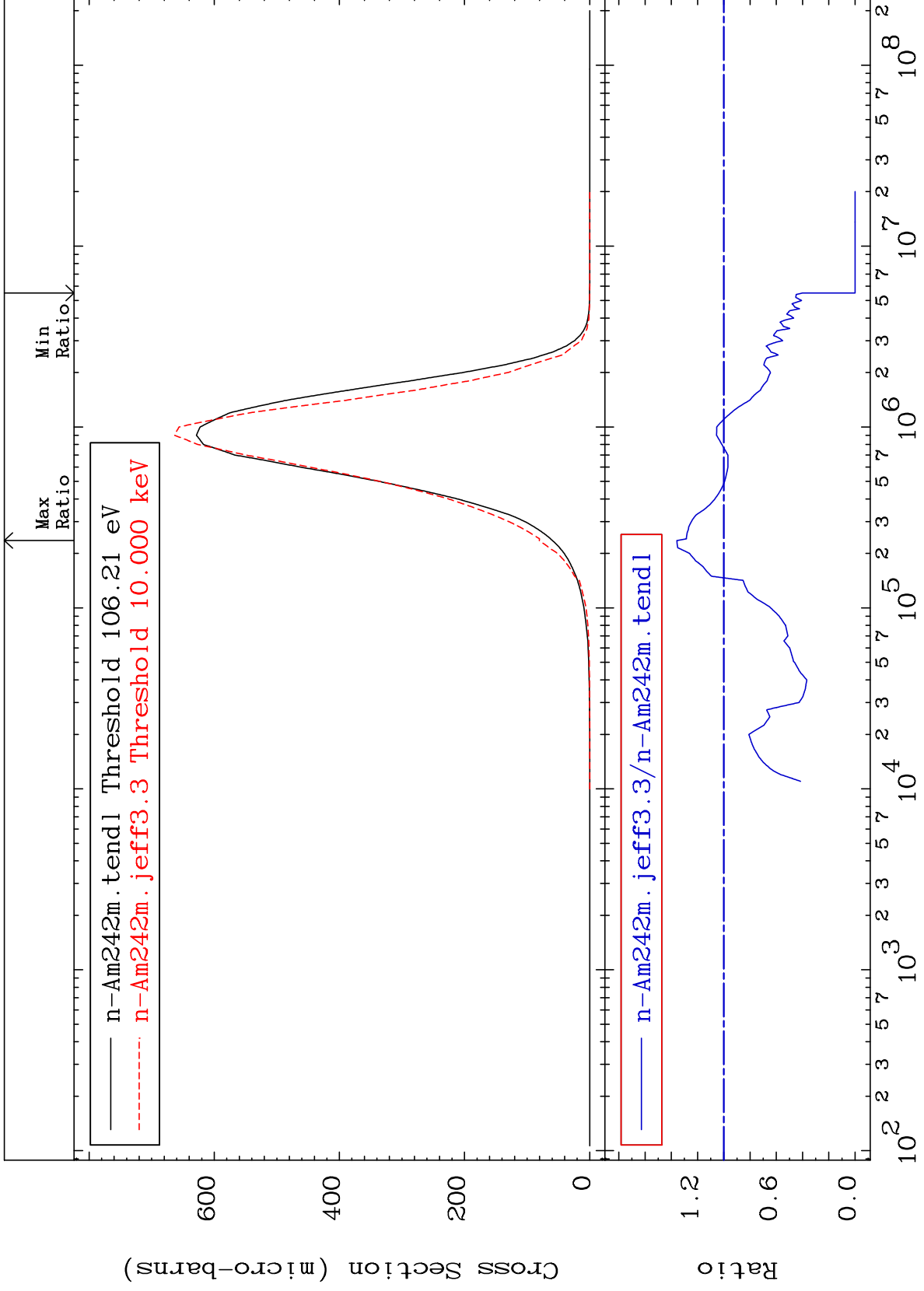
95-Am-242
-100.0 To 9999. %



MAT 9547

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

95-Am-242
-100.0 To 35.72 %



8

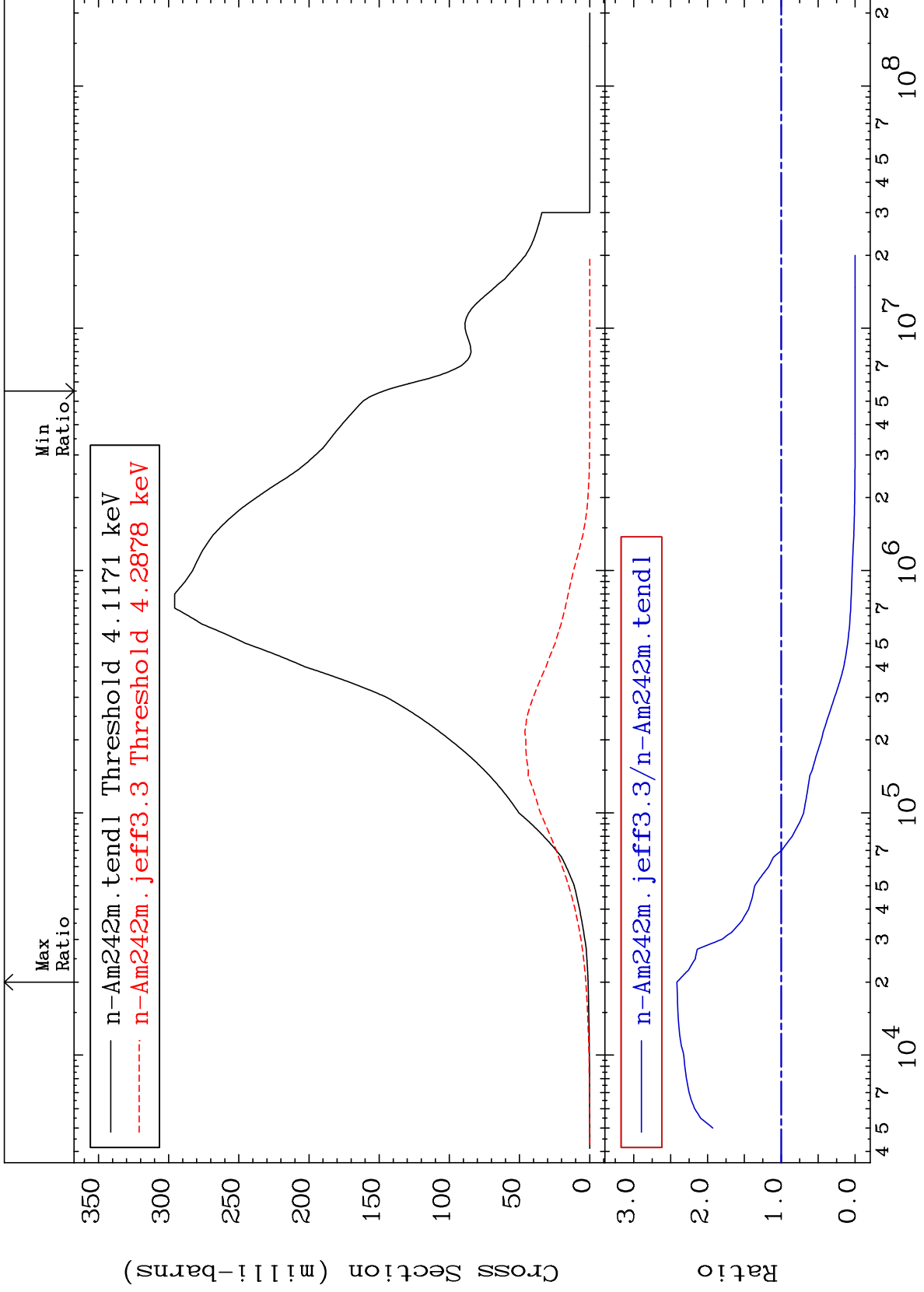
Incident Energy (eV)

95-Am-242

MAT 9547

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

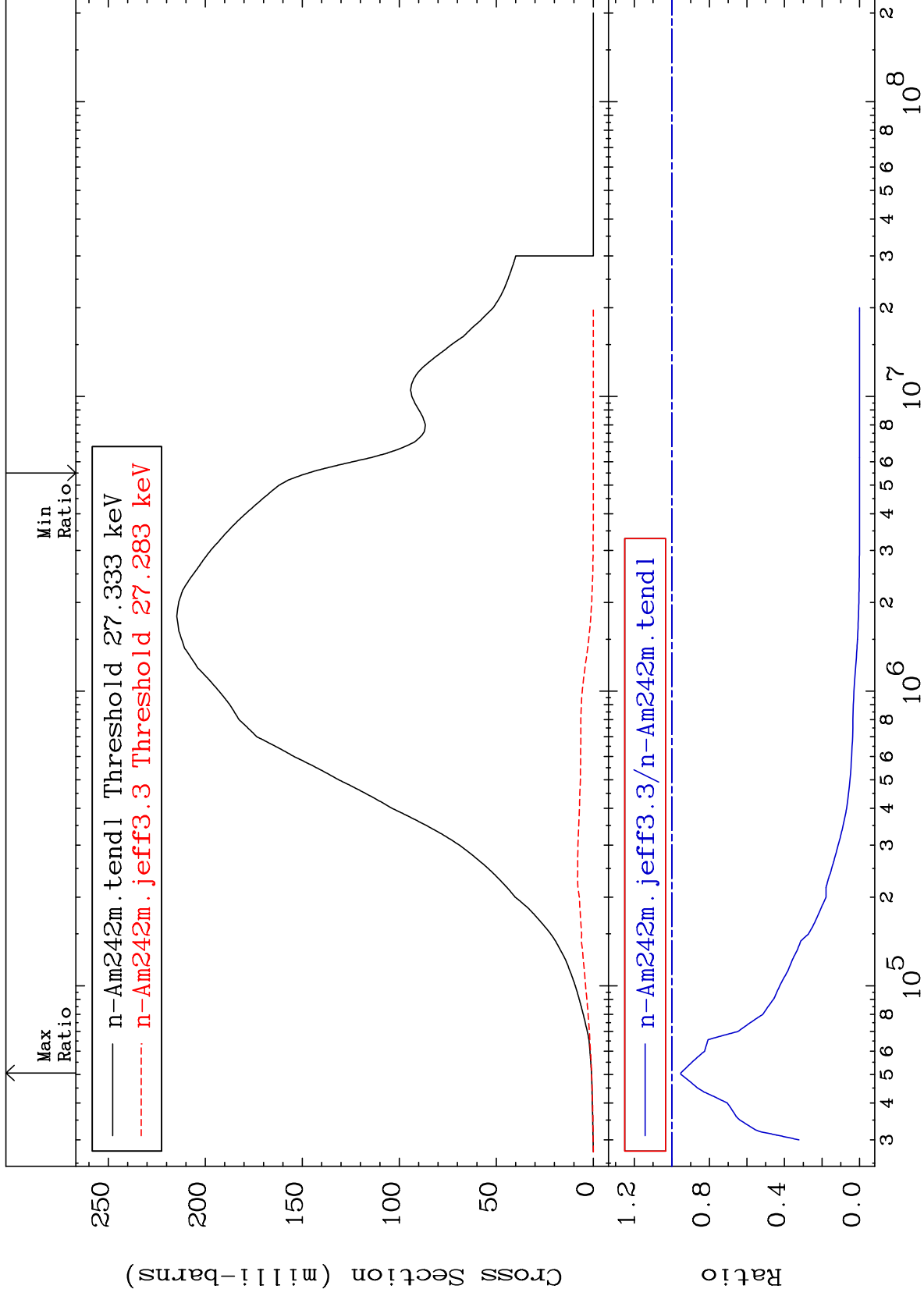
95-Am-242
-100.0 To 141.4 %



MAT 9547

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

95-Am-242
-100.0 To -4.754%



10

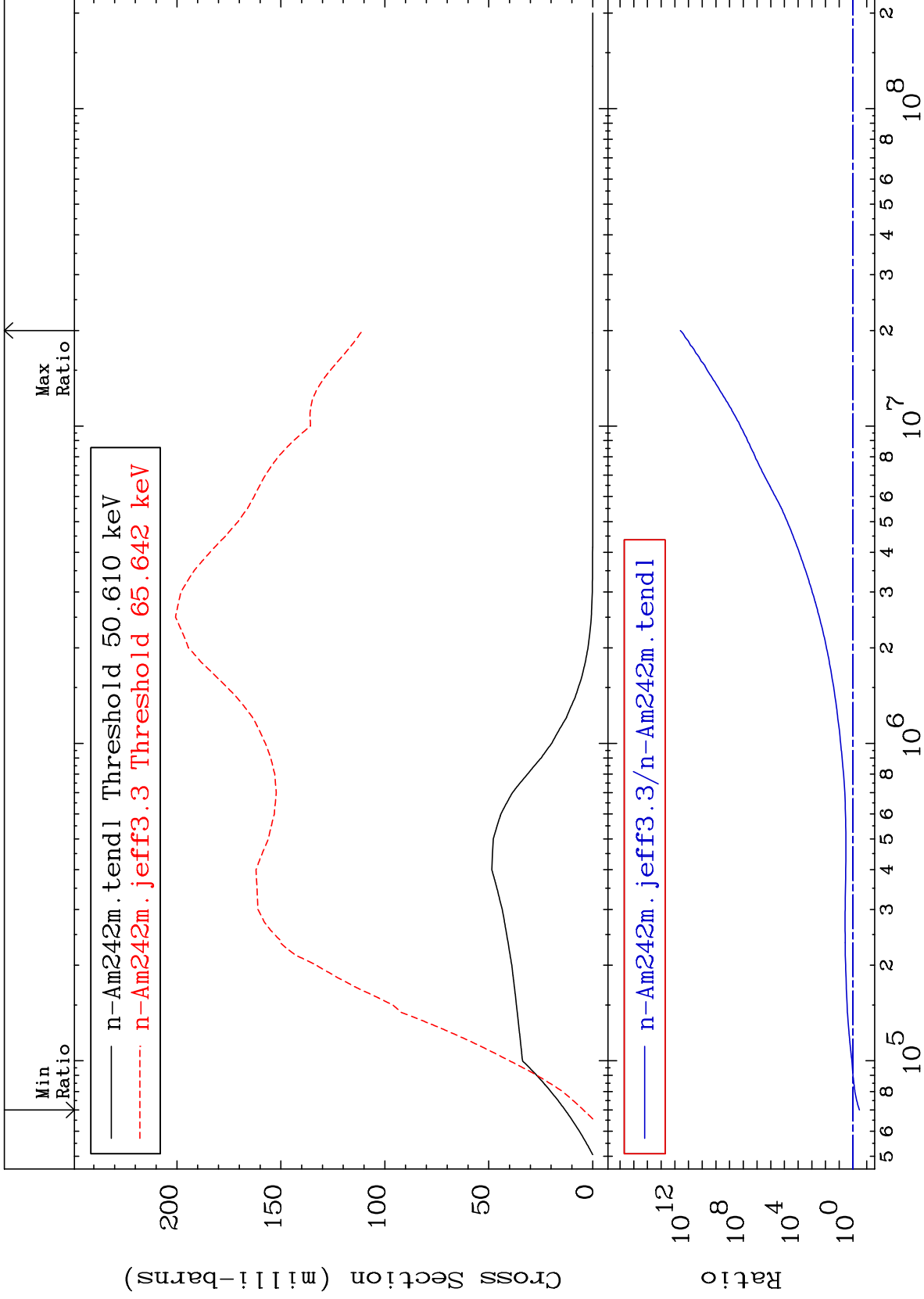
Incident Energy (eV)

95-Am-242

MAT 9547

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

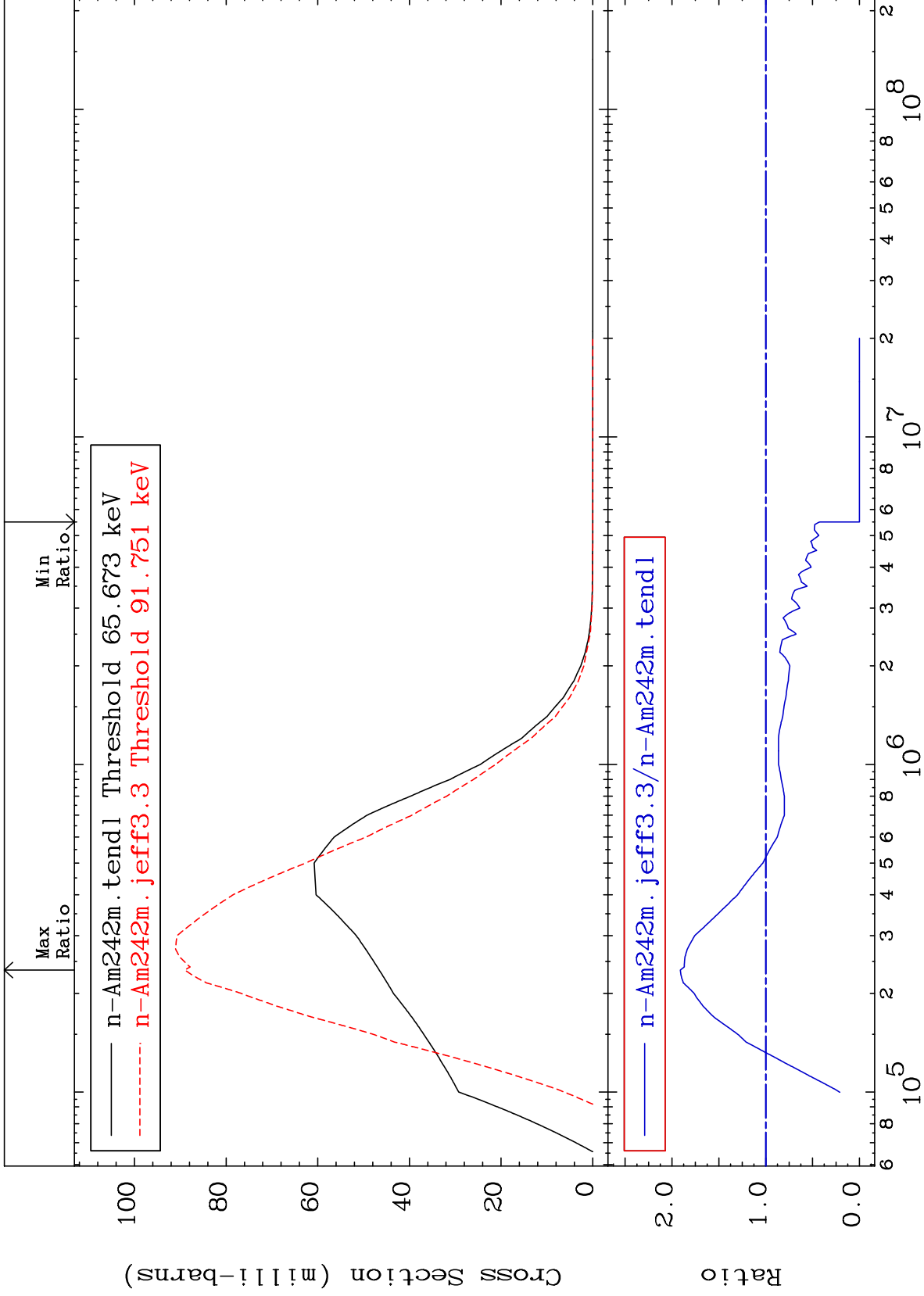
95-Am-242
-66.44 To 9999. %



MAT 9547

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

95-Am-242
-100.0 To 91.08 %



12

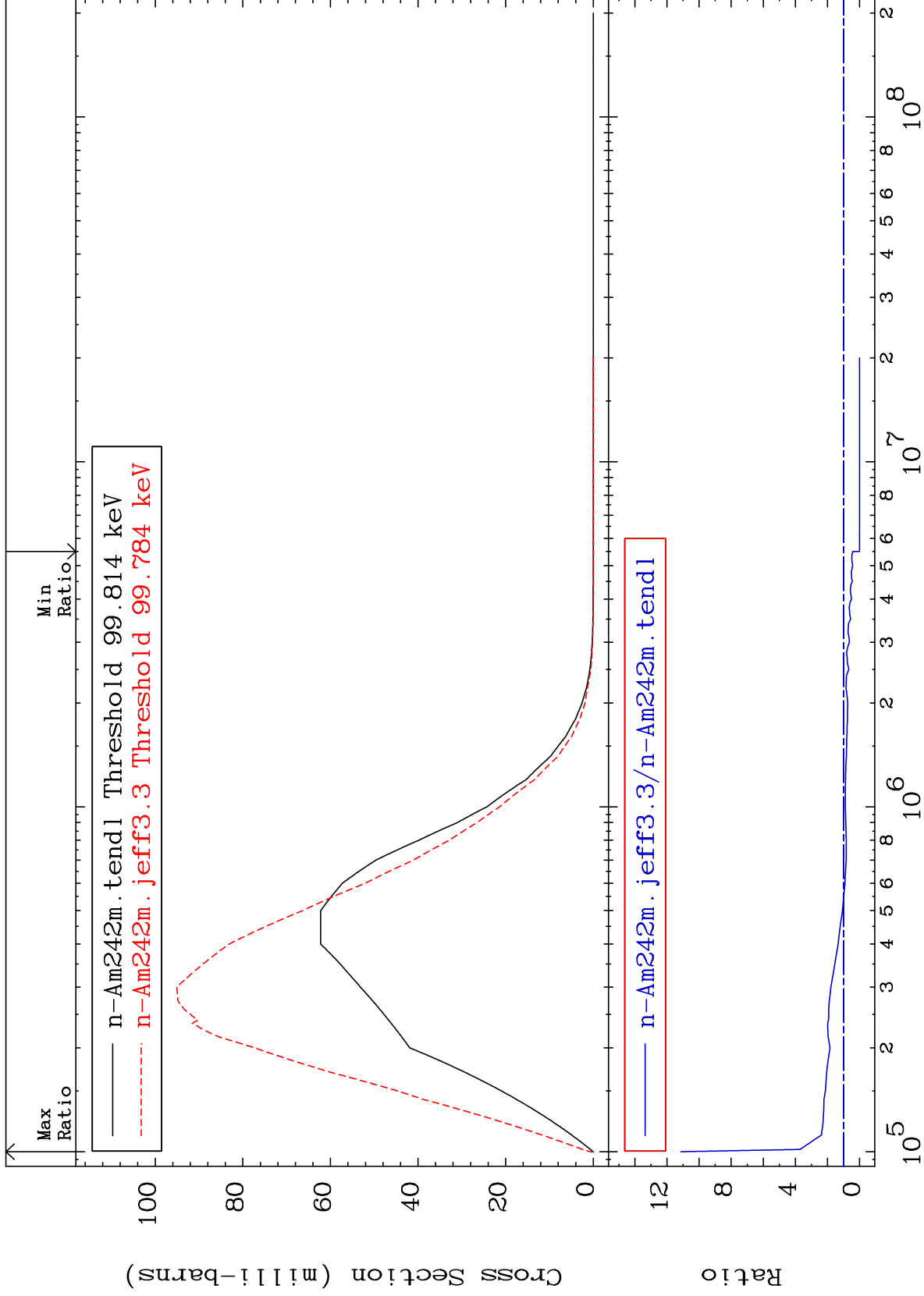
Incident Energy (eV)

95-Am-242

MAT 9547

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

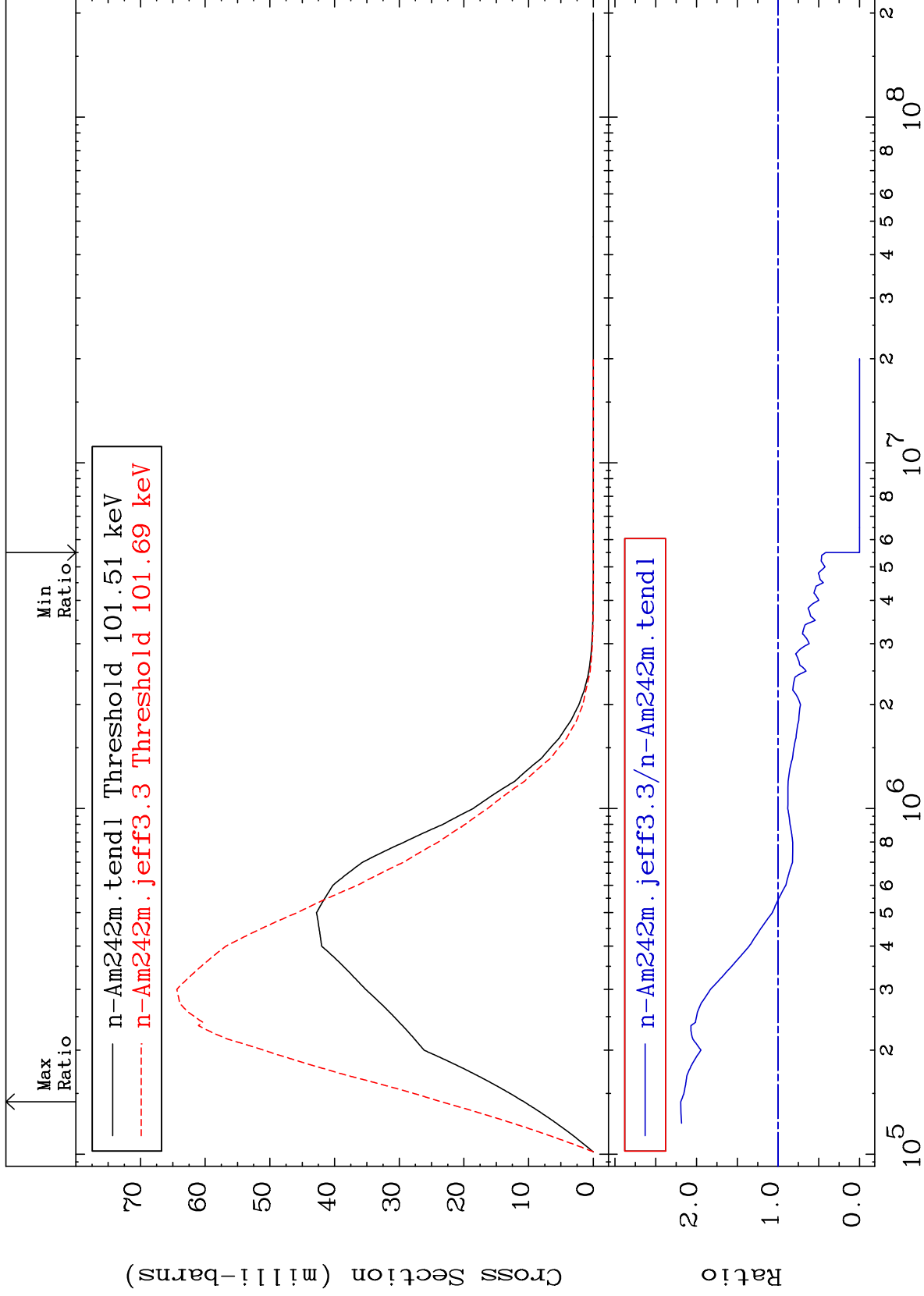
95-Am-242
-100.0 To 1014. %



MAT 9547

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

95-Am-242
-100.0 To 119.3 %



14

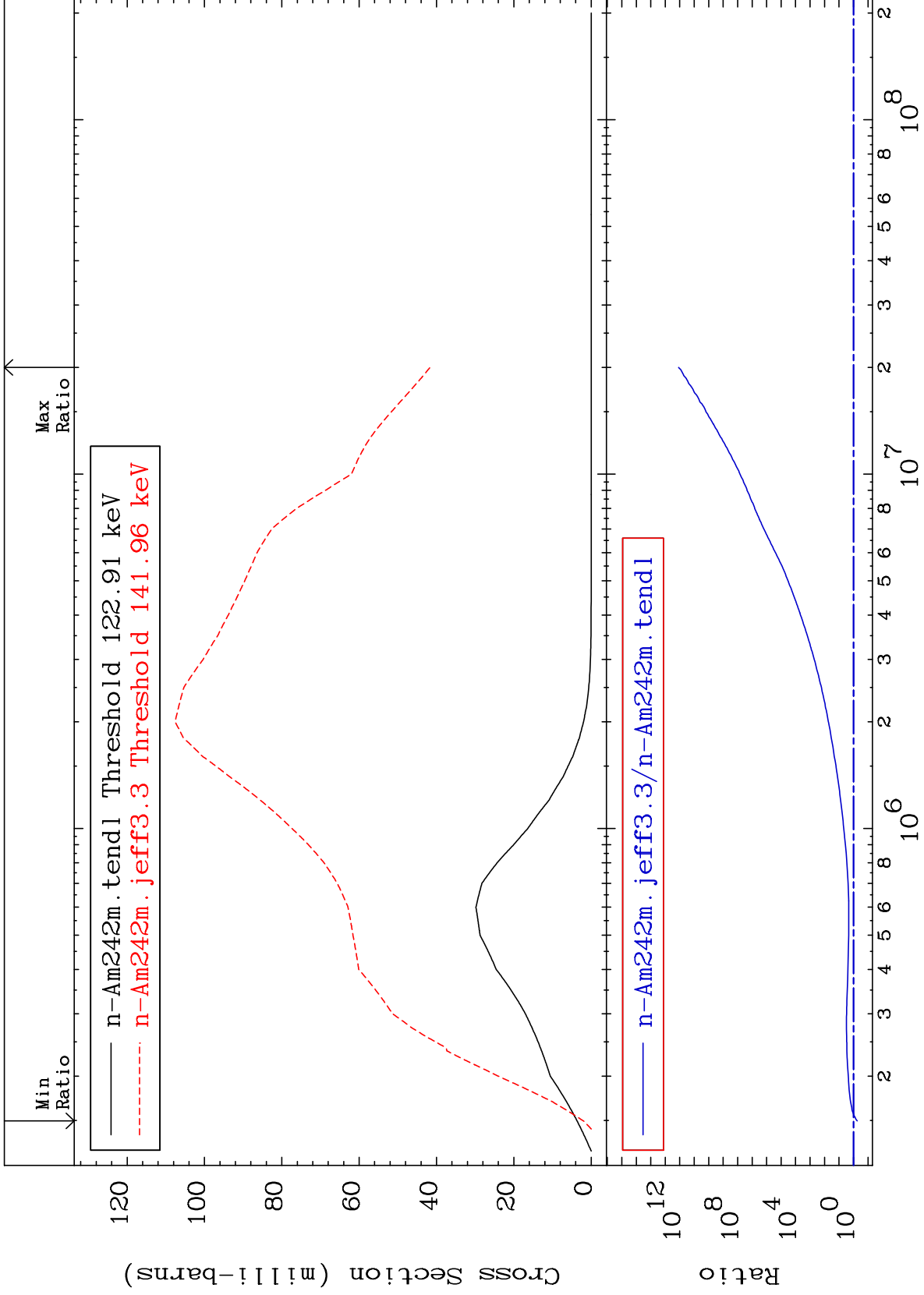
Incident Energy (eV)

95-Am-242

MAT 9547

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

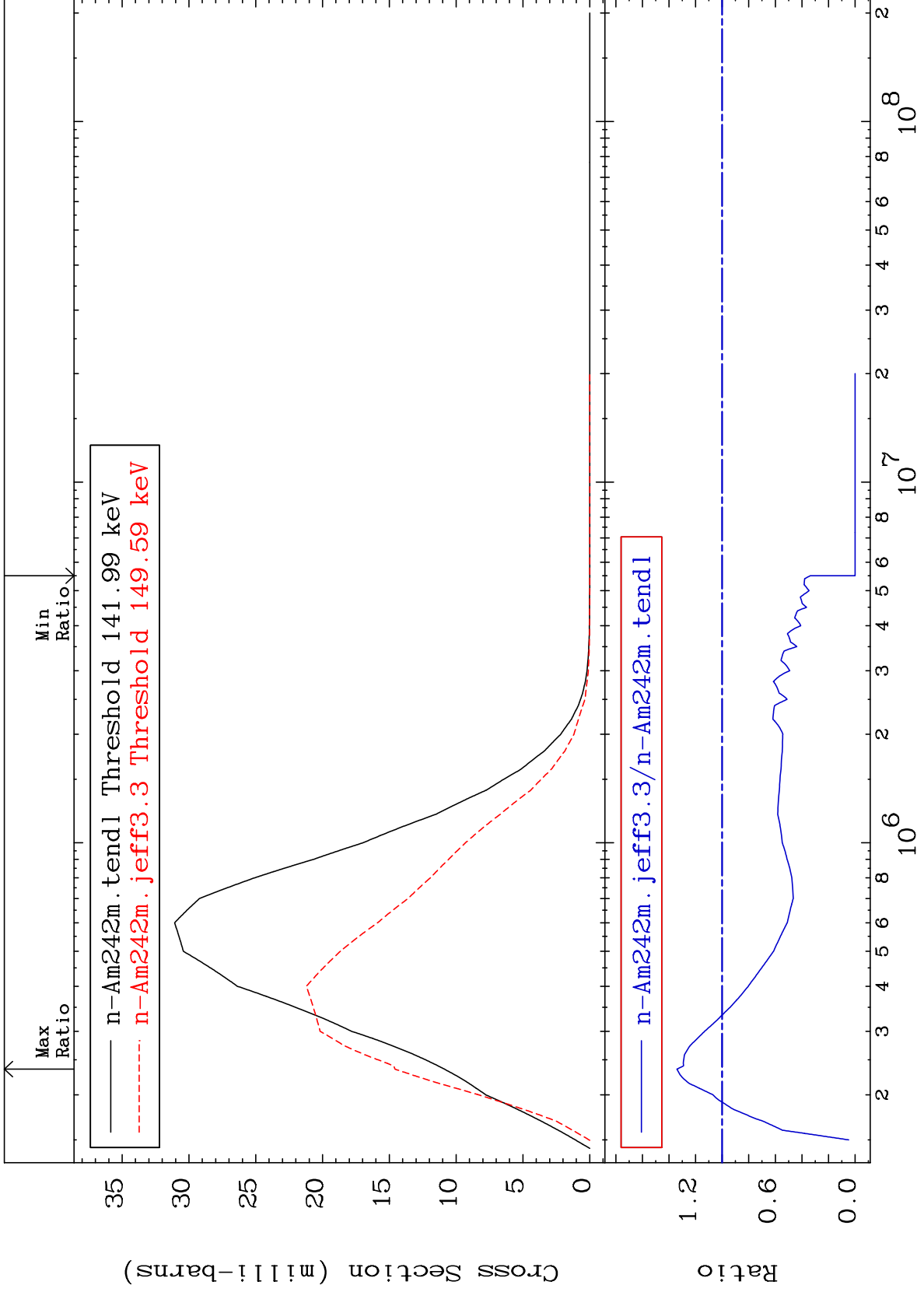
95-Am-242
-45.03 To 9999. %



MAT 9547

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

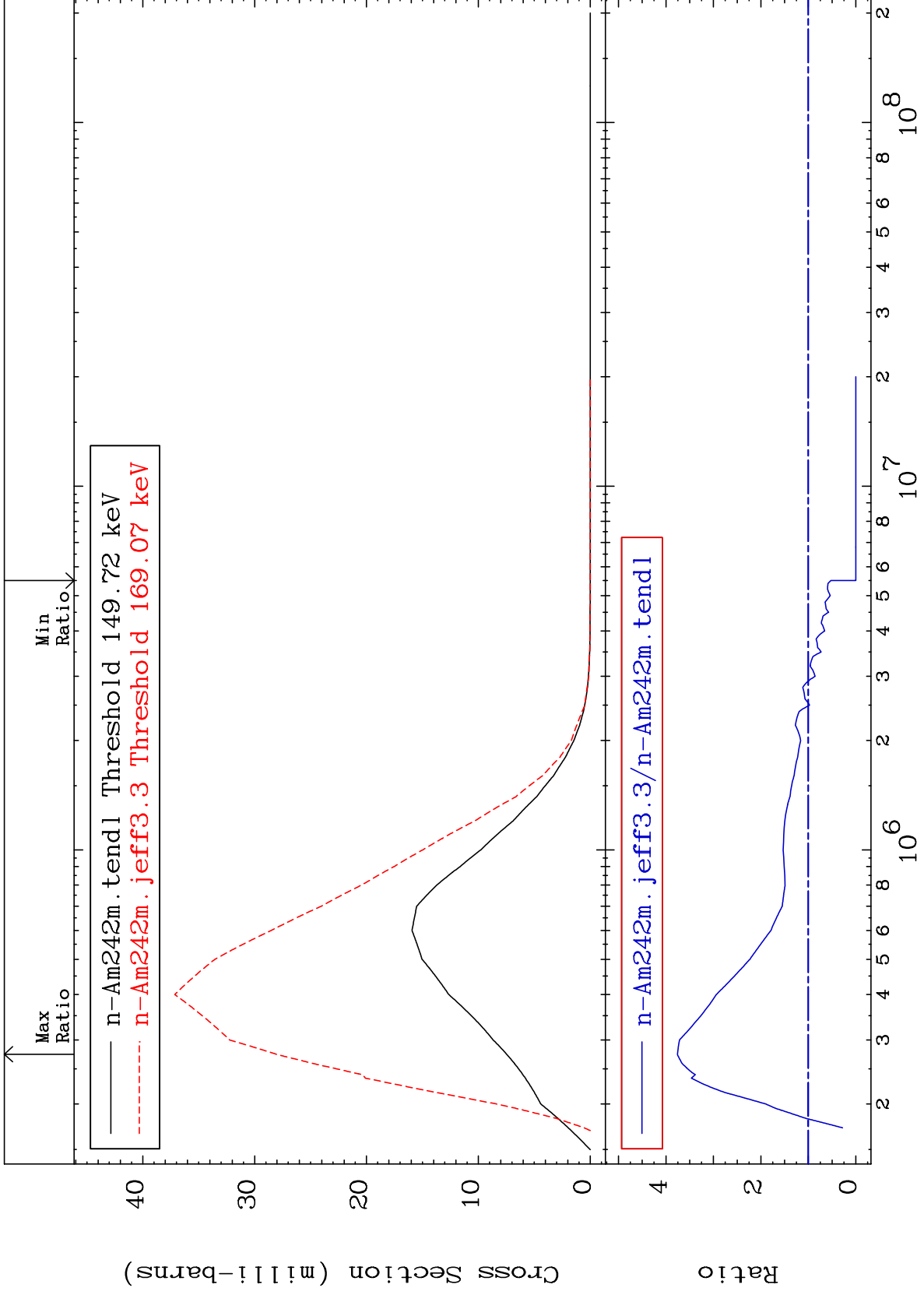
95-Am-242
-100.0 To 34.02 %



MAT 9547

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

95-Am-242
-100.0 To 275.7 %



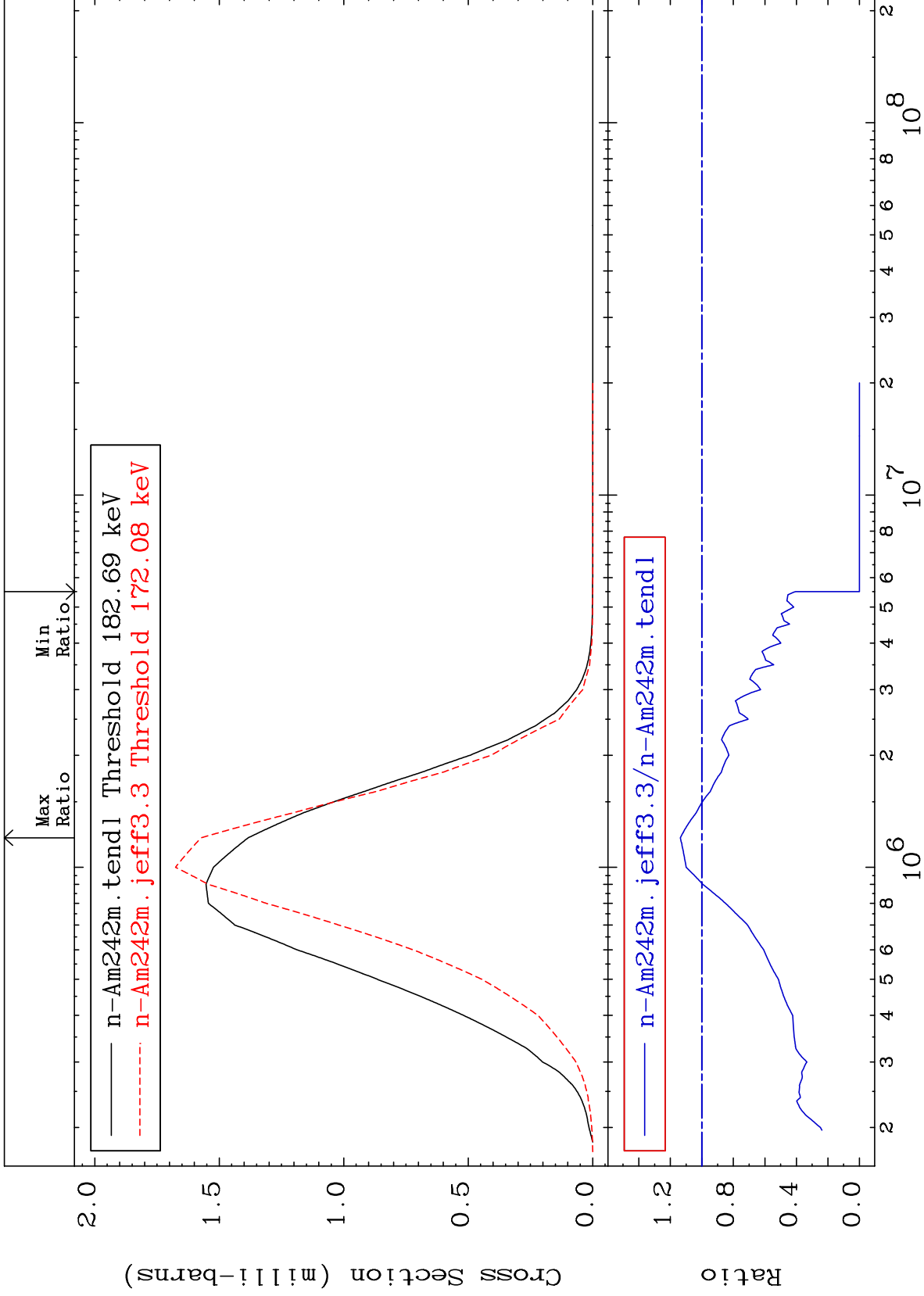
17

95-Am-242

MAT 9547

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

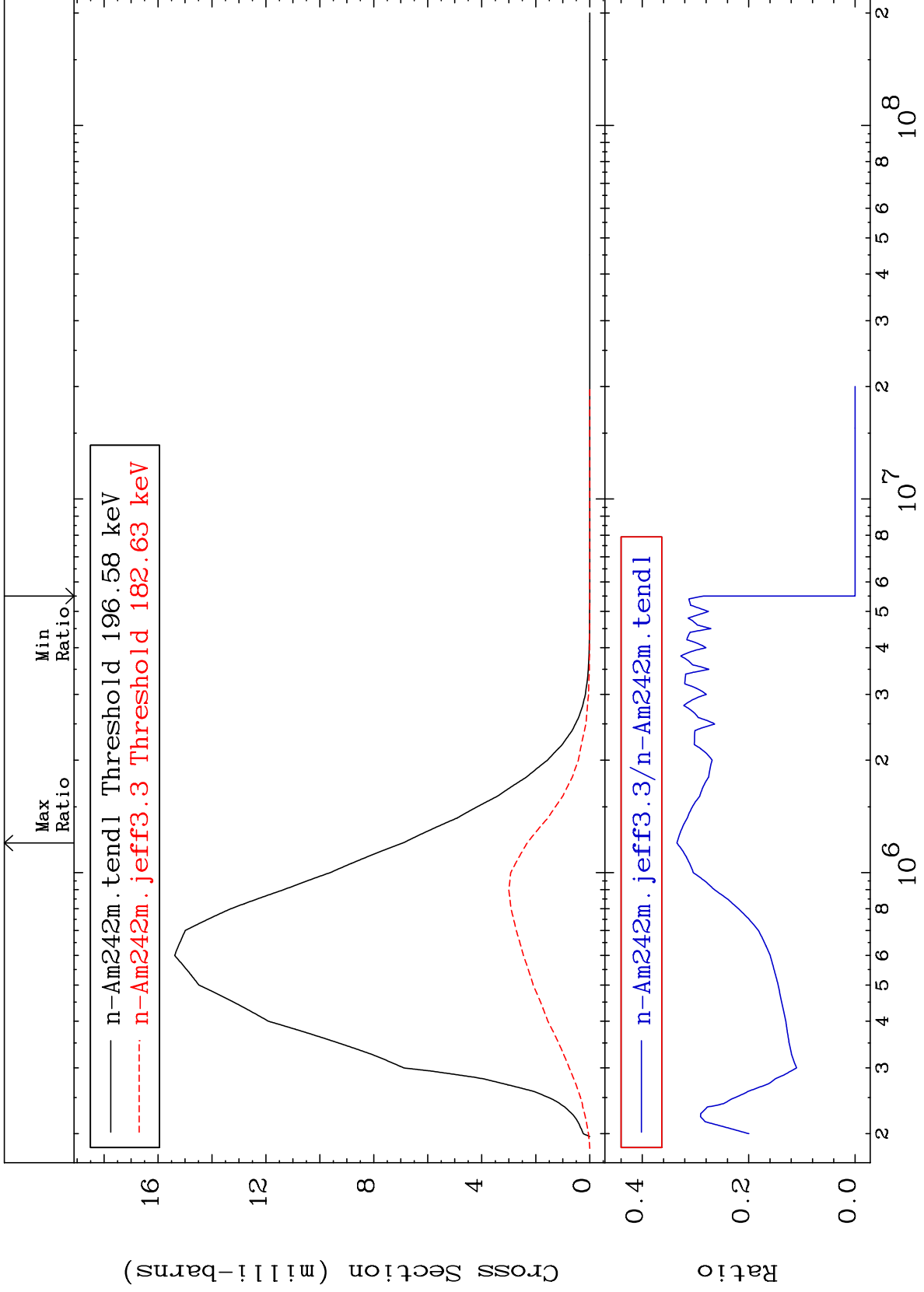
95-Am-242
-100.0 To 13.64 %



MAT 9547

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

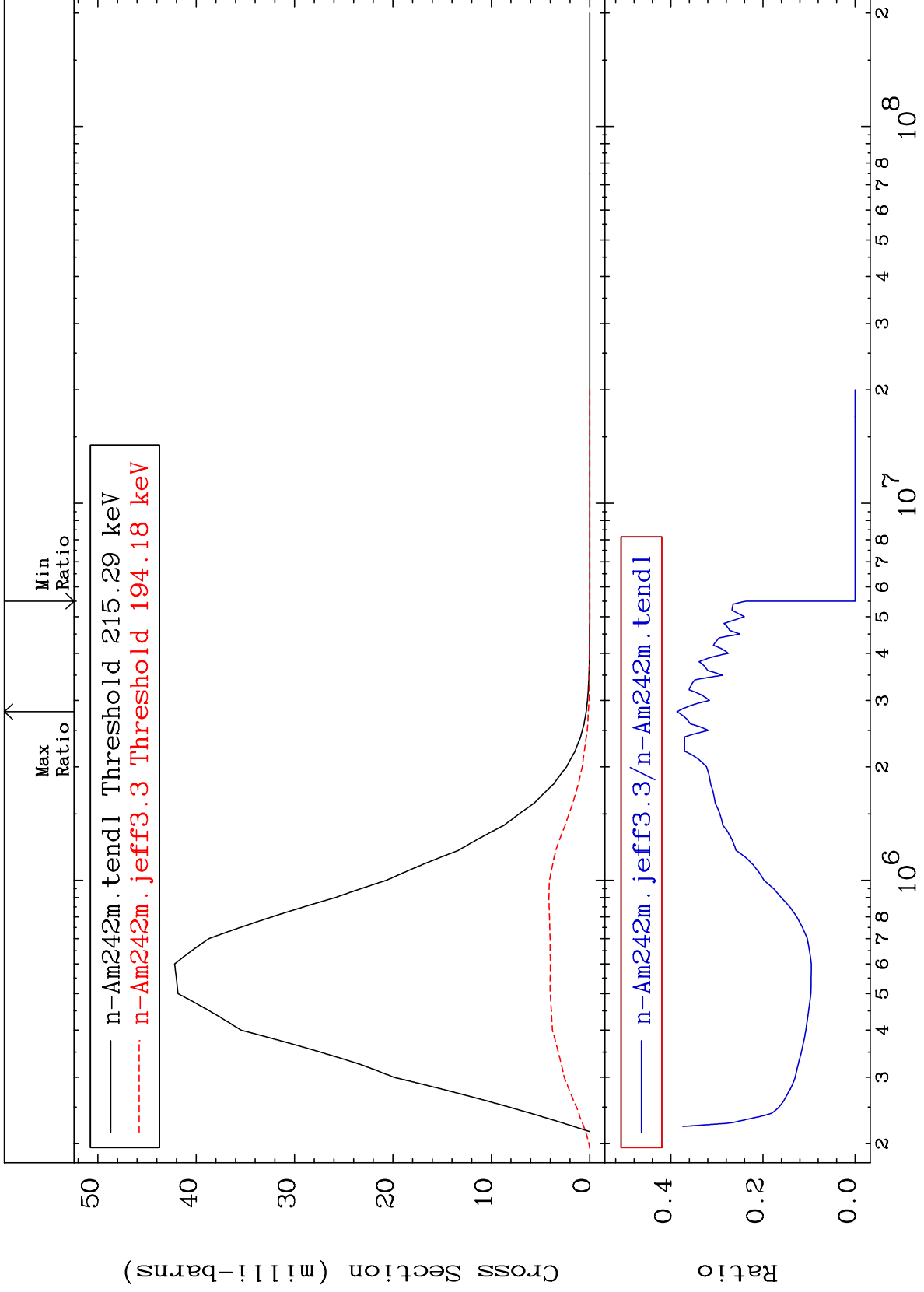
95-Am-242
-100.0 To -66.51%



MAT 9547

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

95-Am-242
-100.0 To -61.30%



20

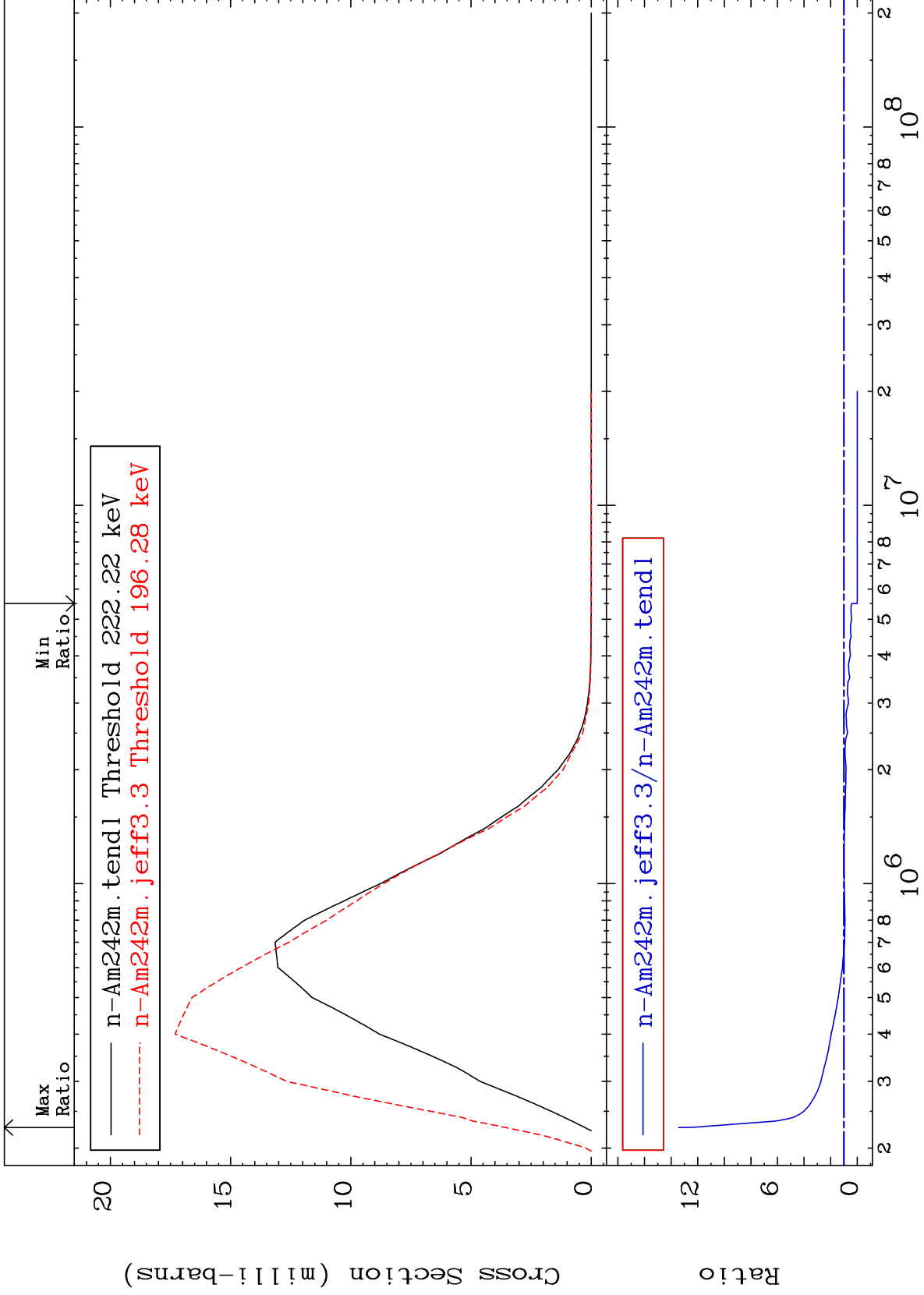
Incident Energy (eV)

95-Am-242

MAT 9547

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

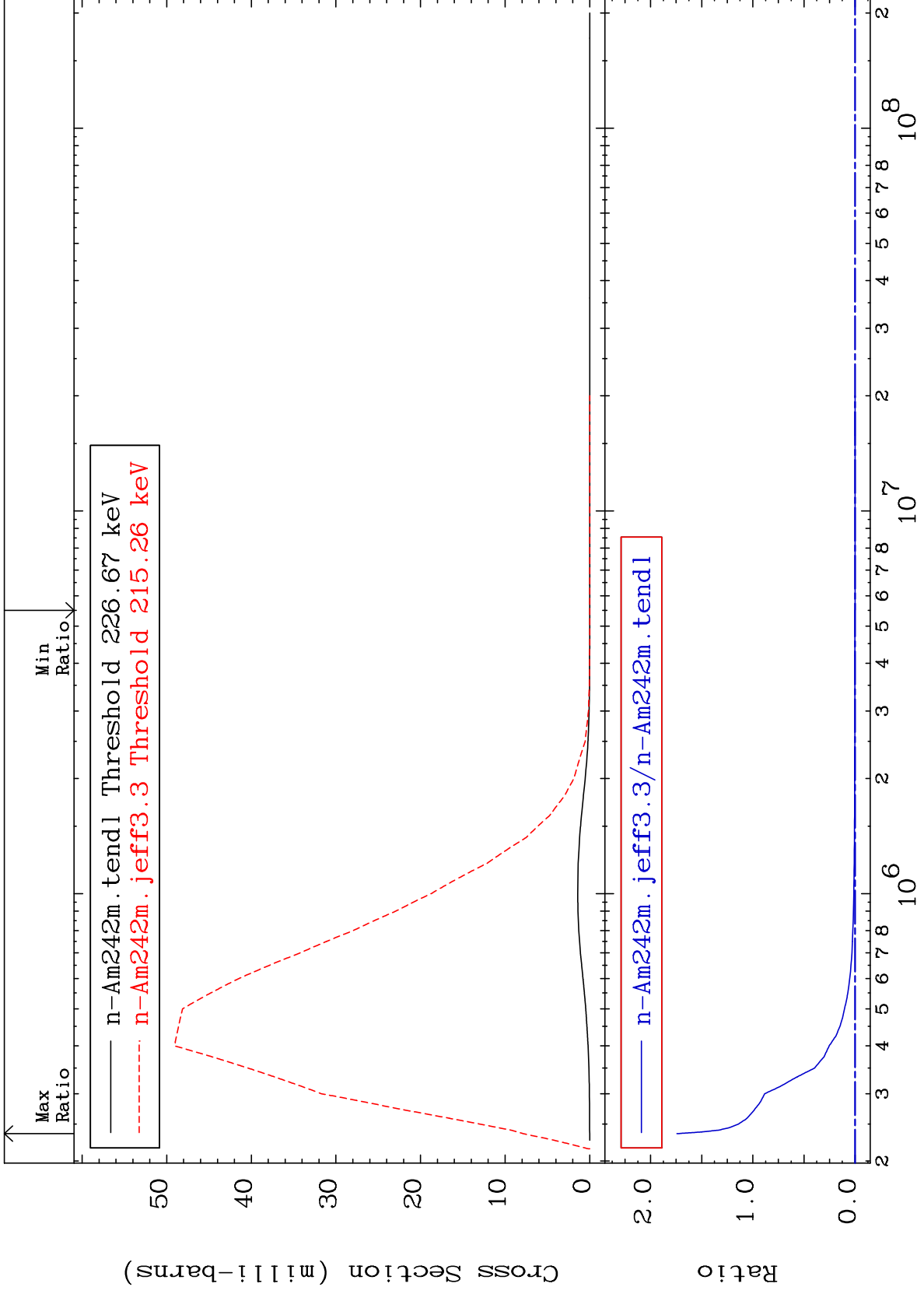
95-Am-242
-100.0 To 1243. %



MAT 9547

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

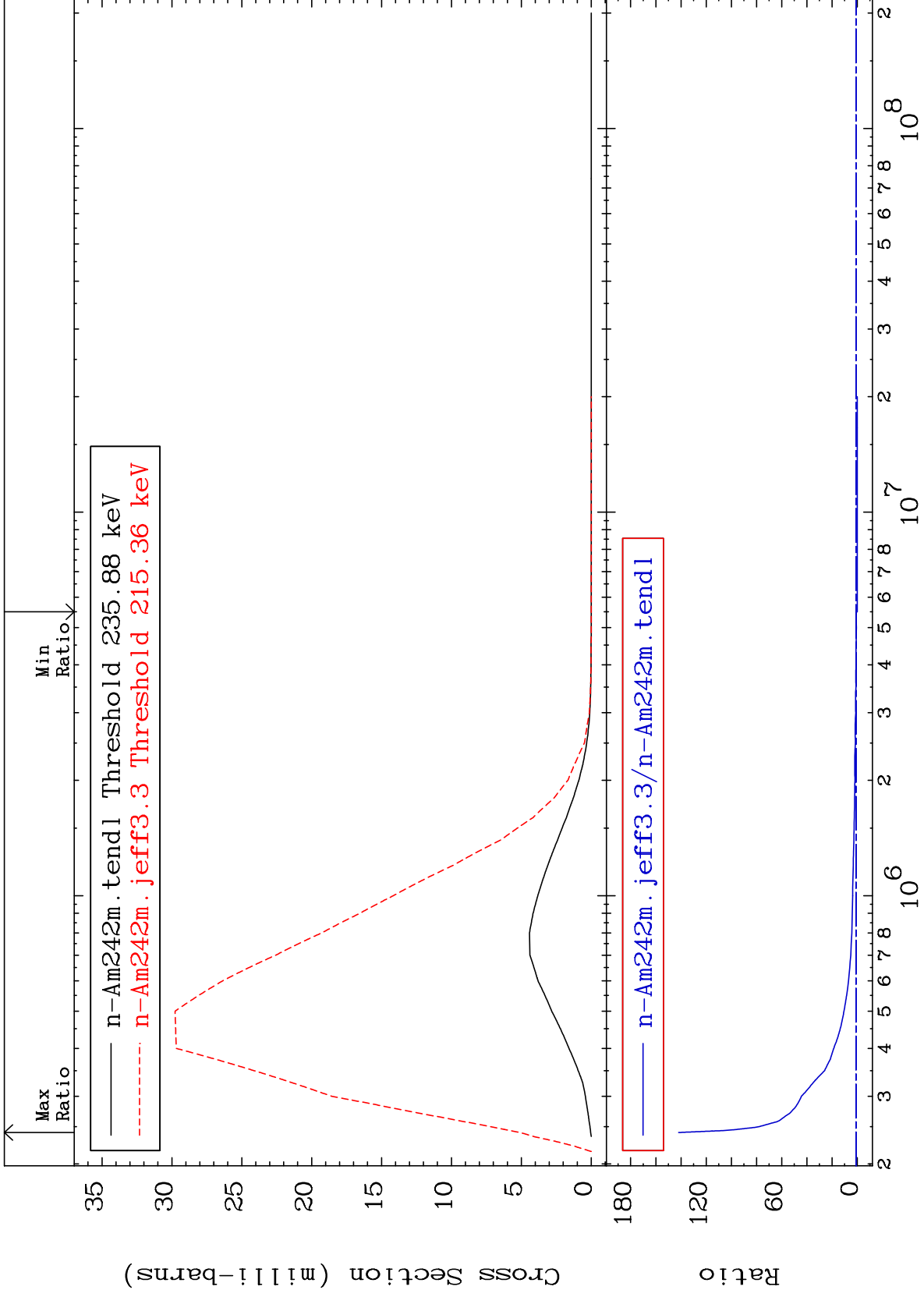
95-Am-242
-100.0 To 9999. %



MAT 9547

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

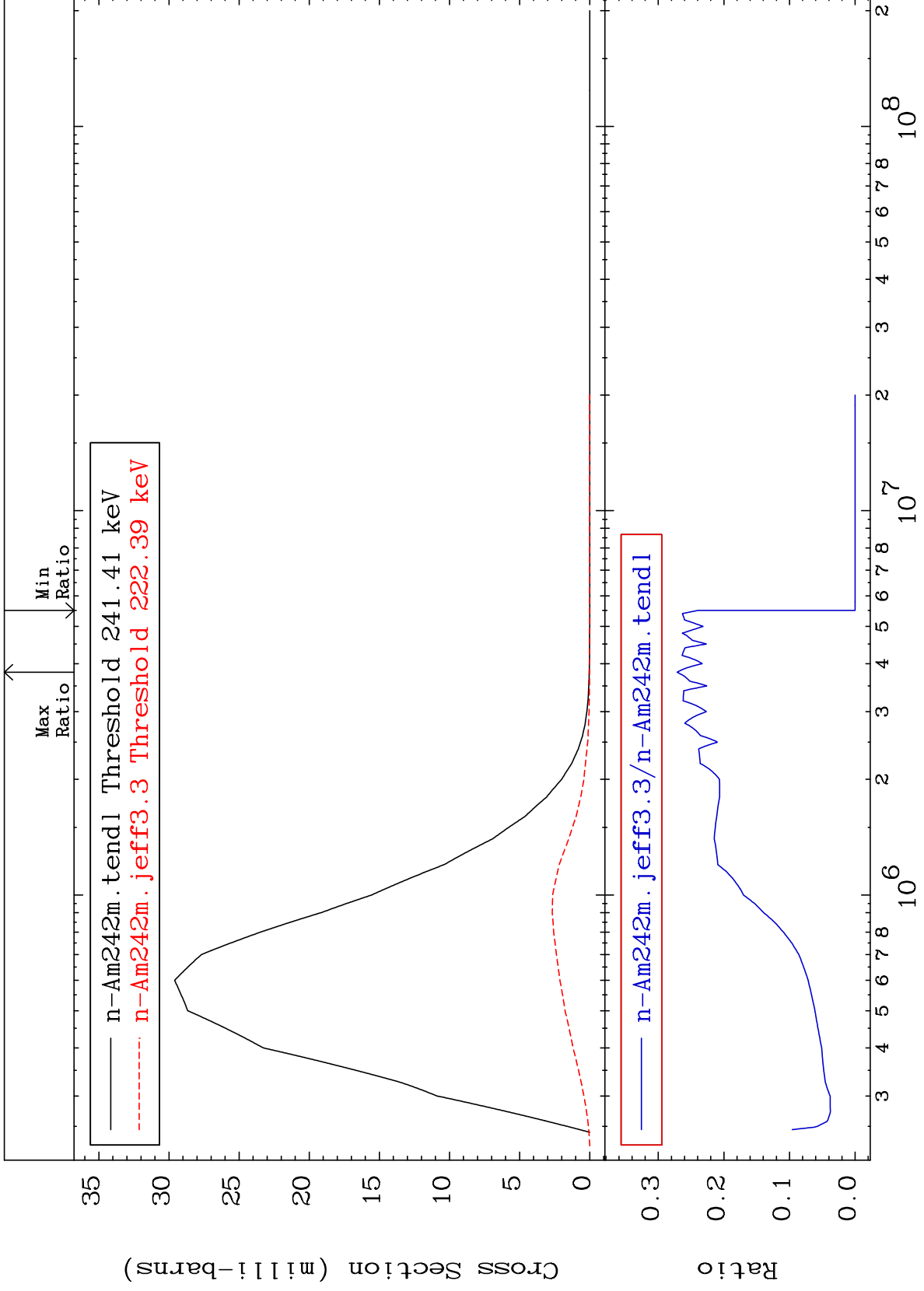
95-Am-242
-100.0 To 9999. %



MAT 9547

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

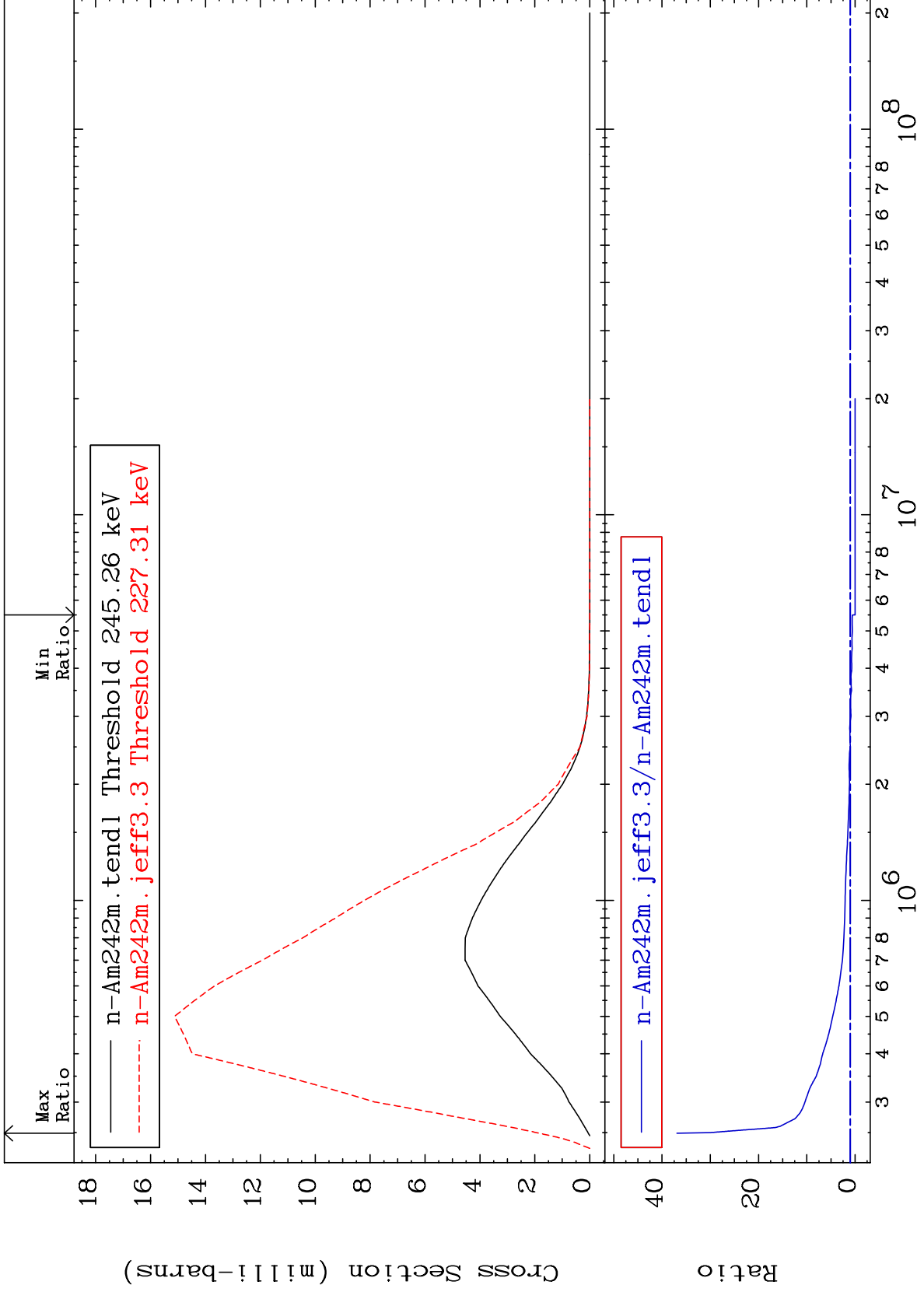
95-Am-242
-100.0 To -72.84%



MAT 9547

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

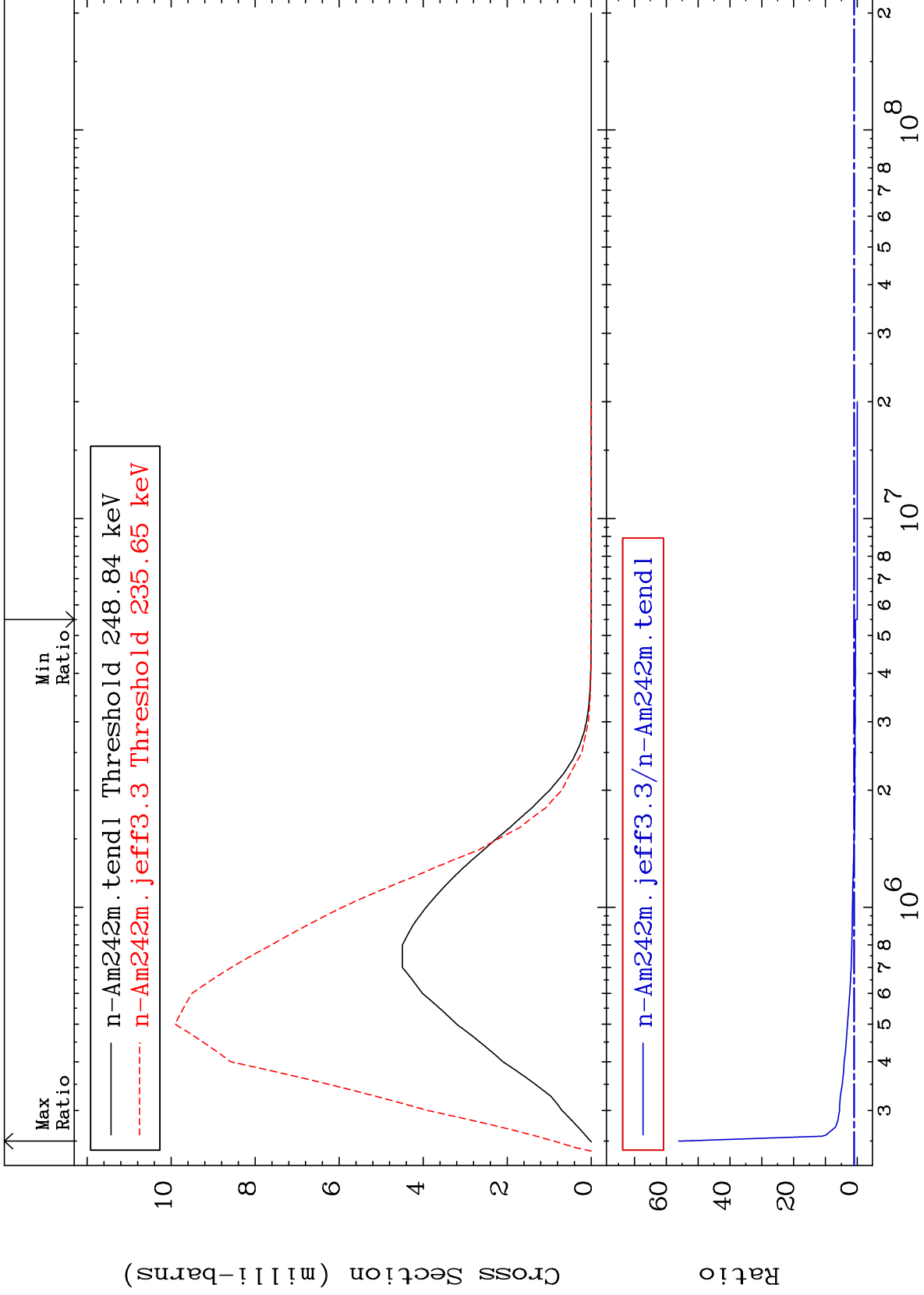
95-Am-242
-100.0 To 3591. %



MAT 9547

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

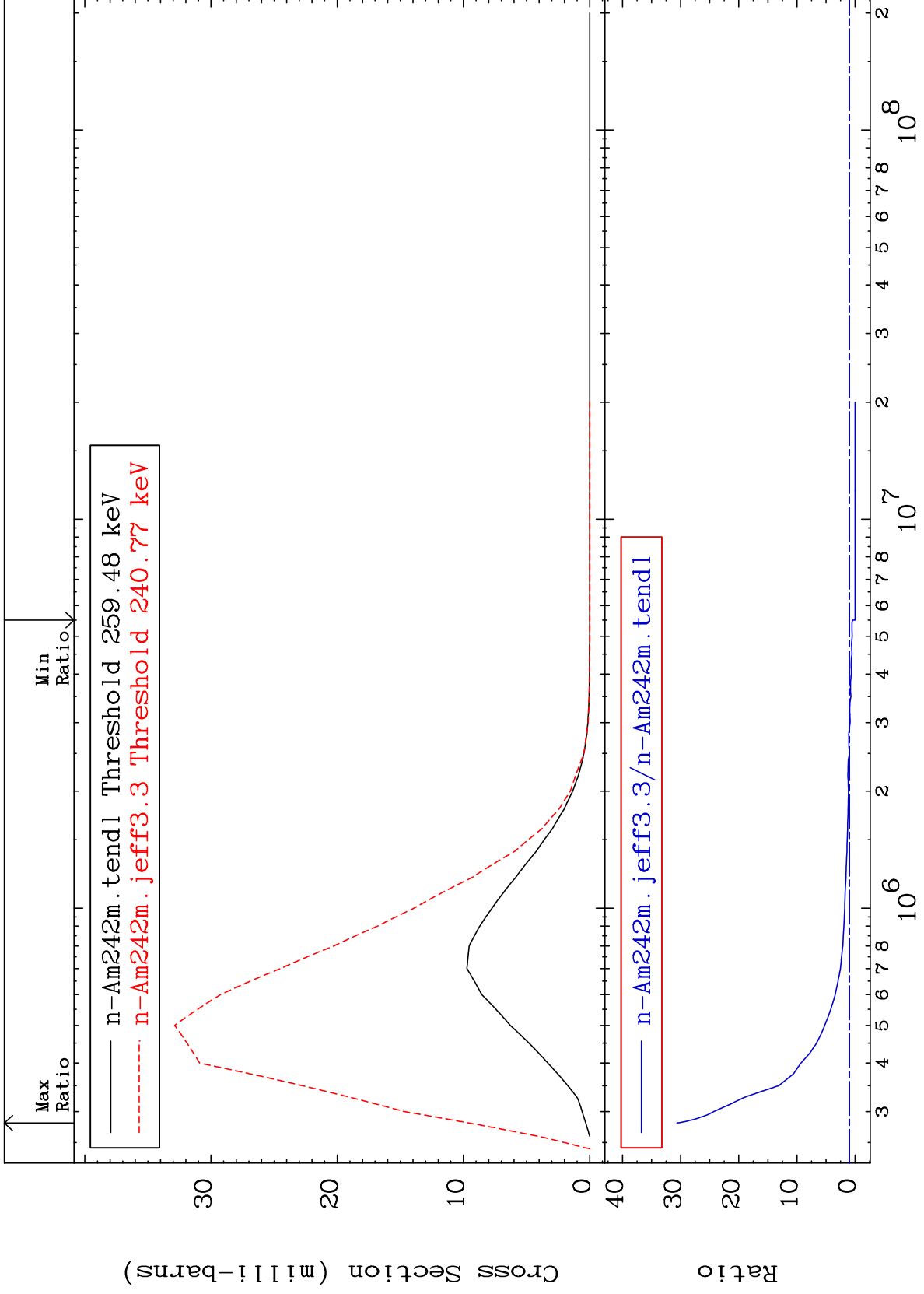
95-Am-242
-100.0 To 5512. %



MAT 9547

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

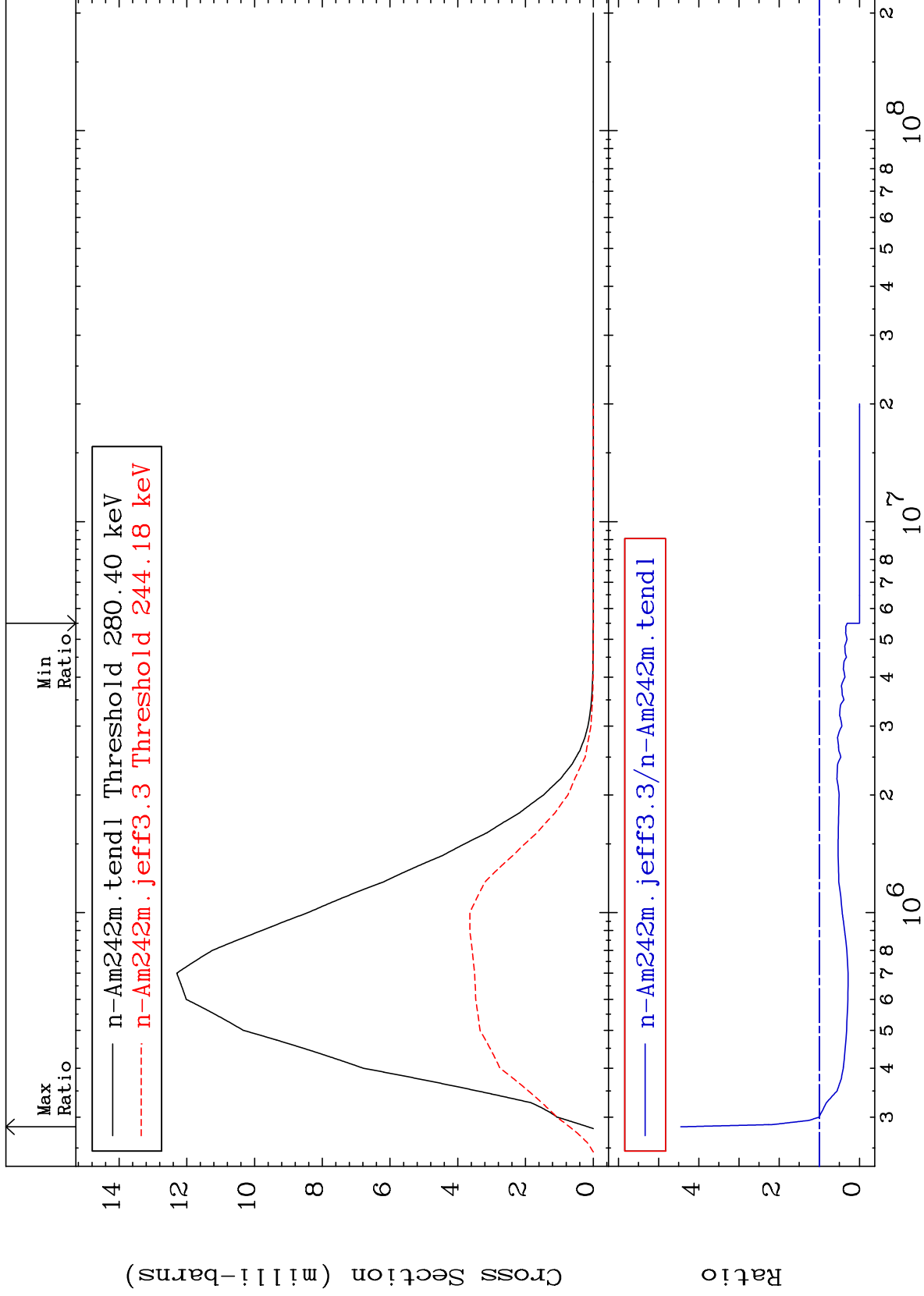
95-Am-242
-100.0 To 2964. %



MAT 9547

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

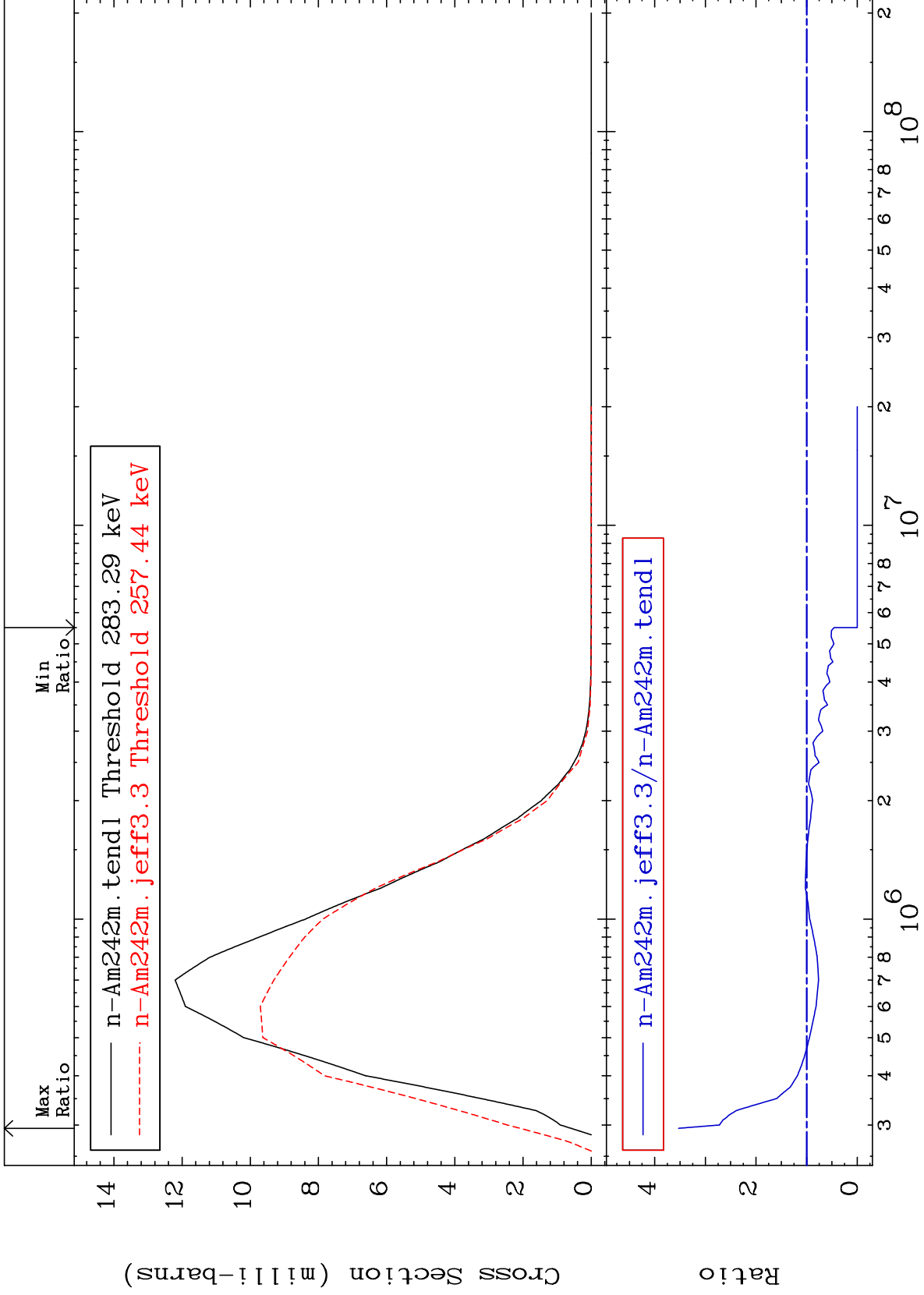
95-Am-242
-100.0 To 344.8 %



MAT 9547

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

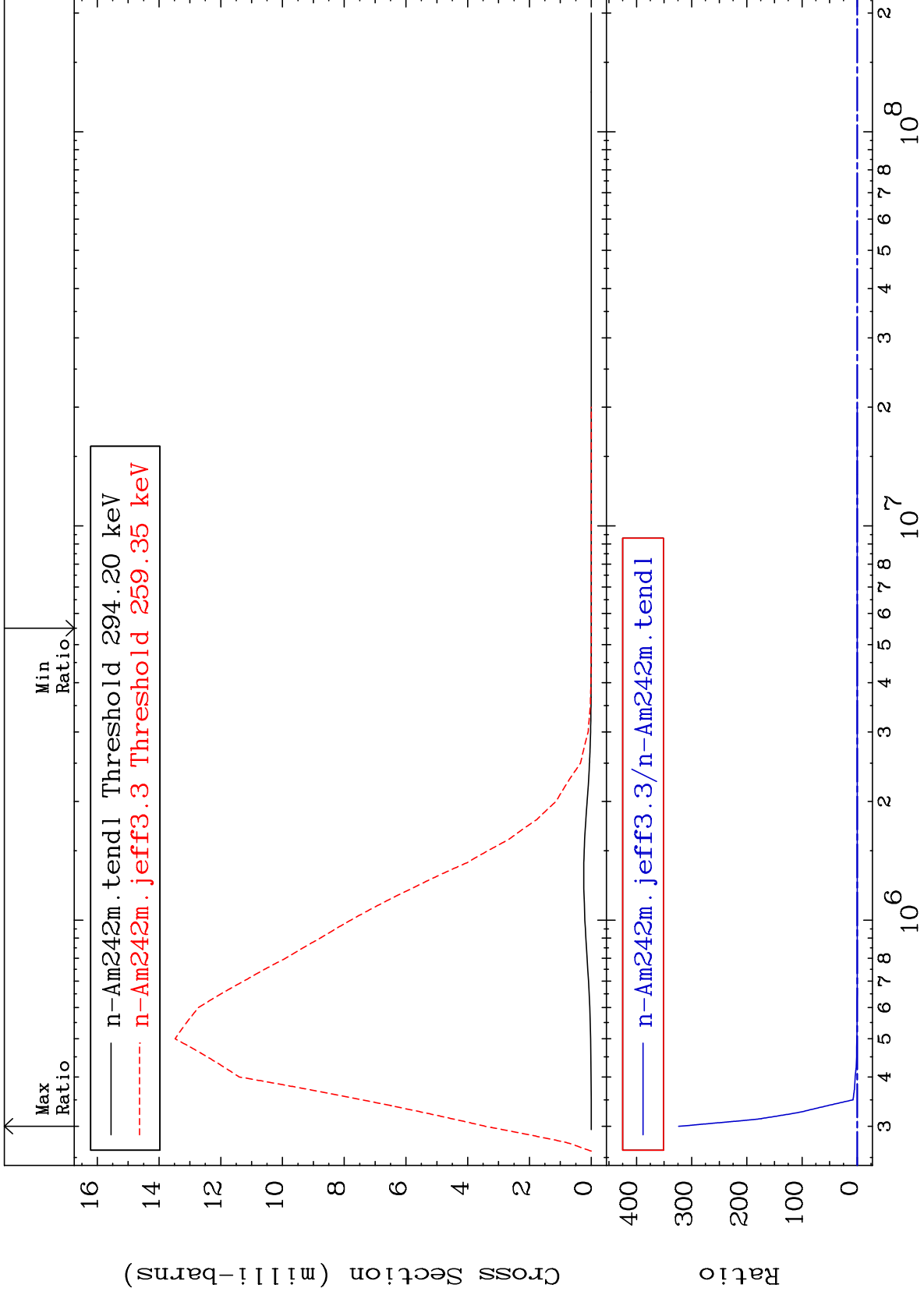
95-Am-242
-100.0 To 252.8 %



MAT 9547

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

95-Am-242
-100.0 To 9999. %



30

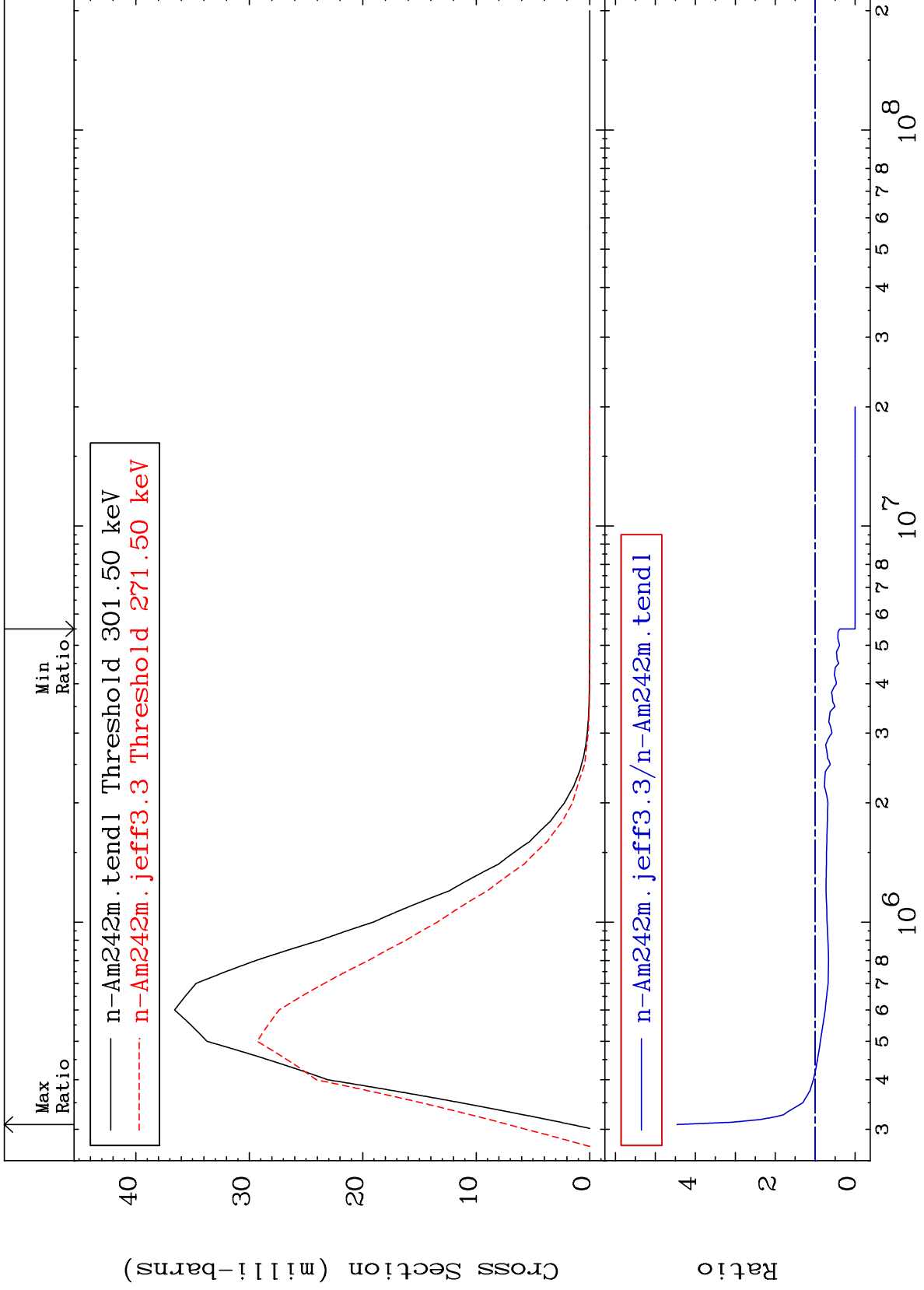
Incident Energy (eV)

95-Am-242

MAT 9547

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

95-Am-242
-100.0 To 346.1 %



31

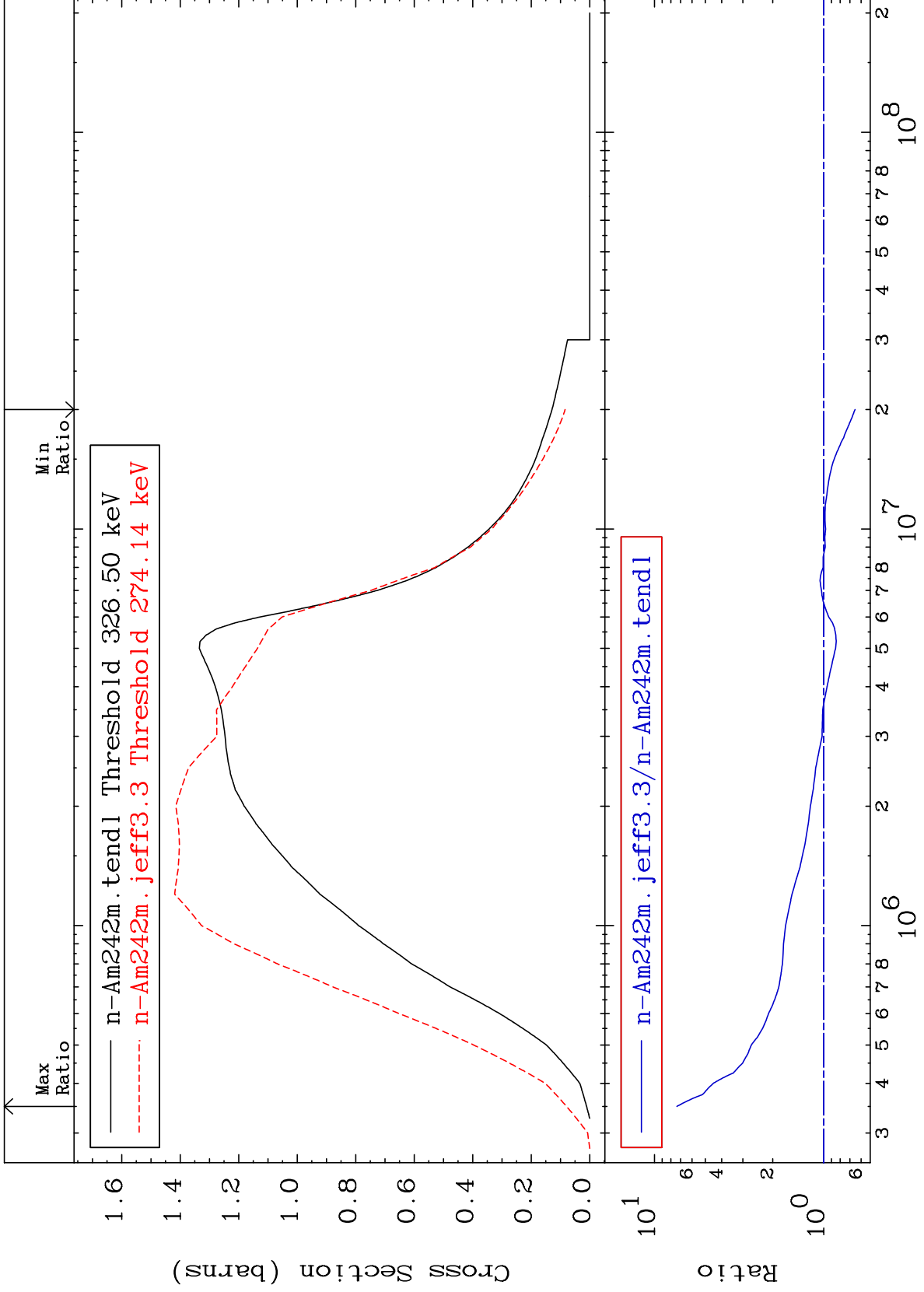
Incident Energy (eV)

95-Am-242

MAT 9547

(n, n') Continuum
Cross Section

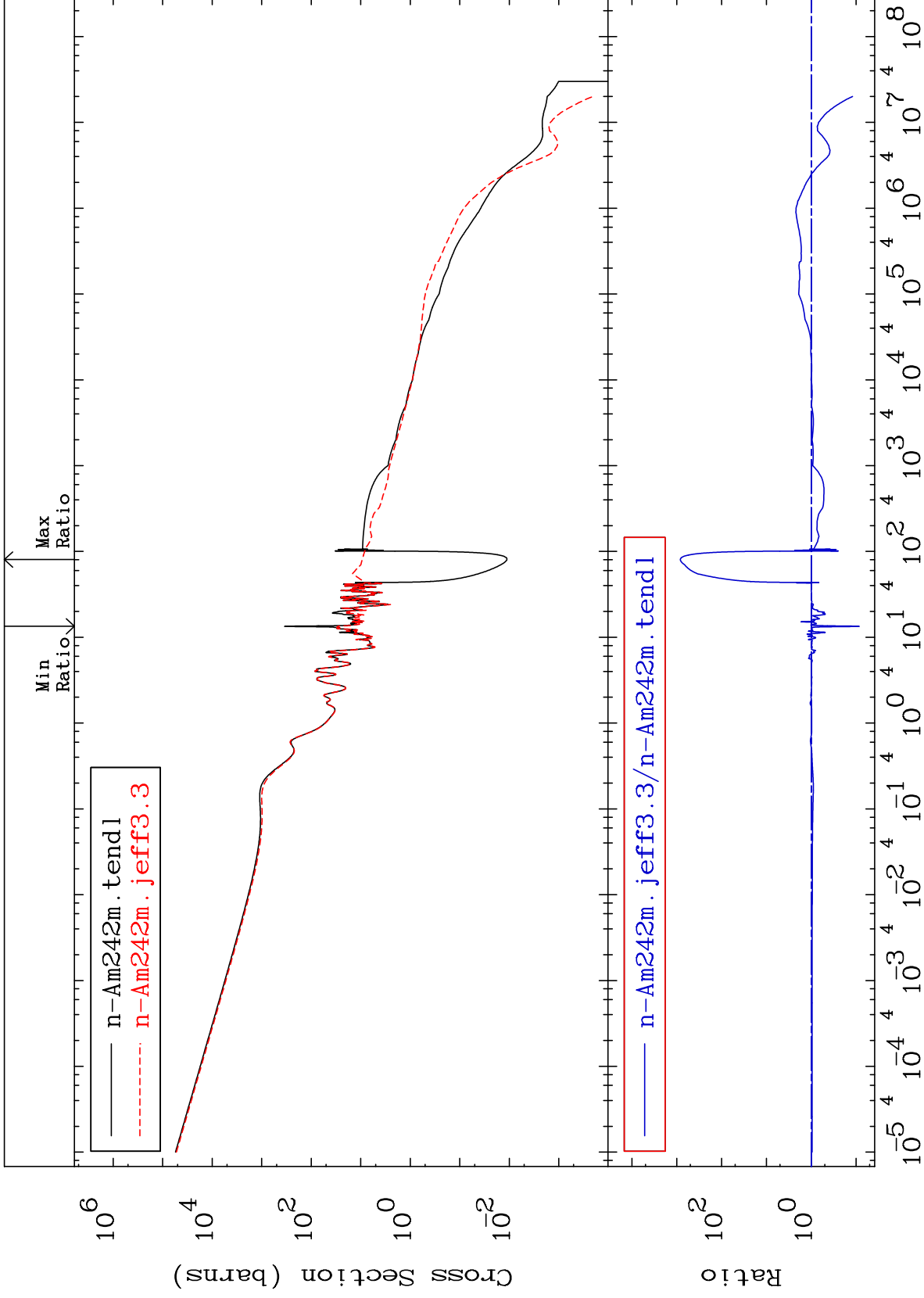
95-Am-242
-34.80 To 636.3 %

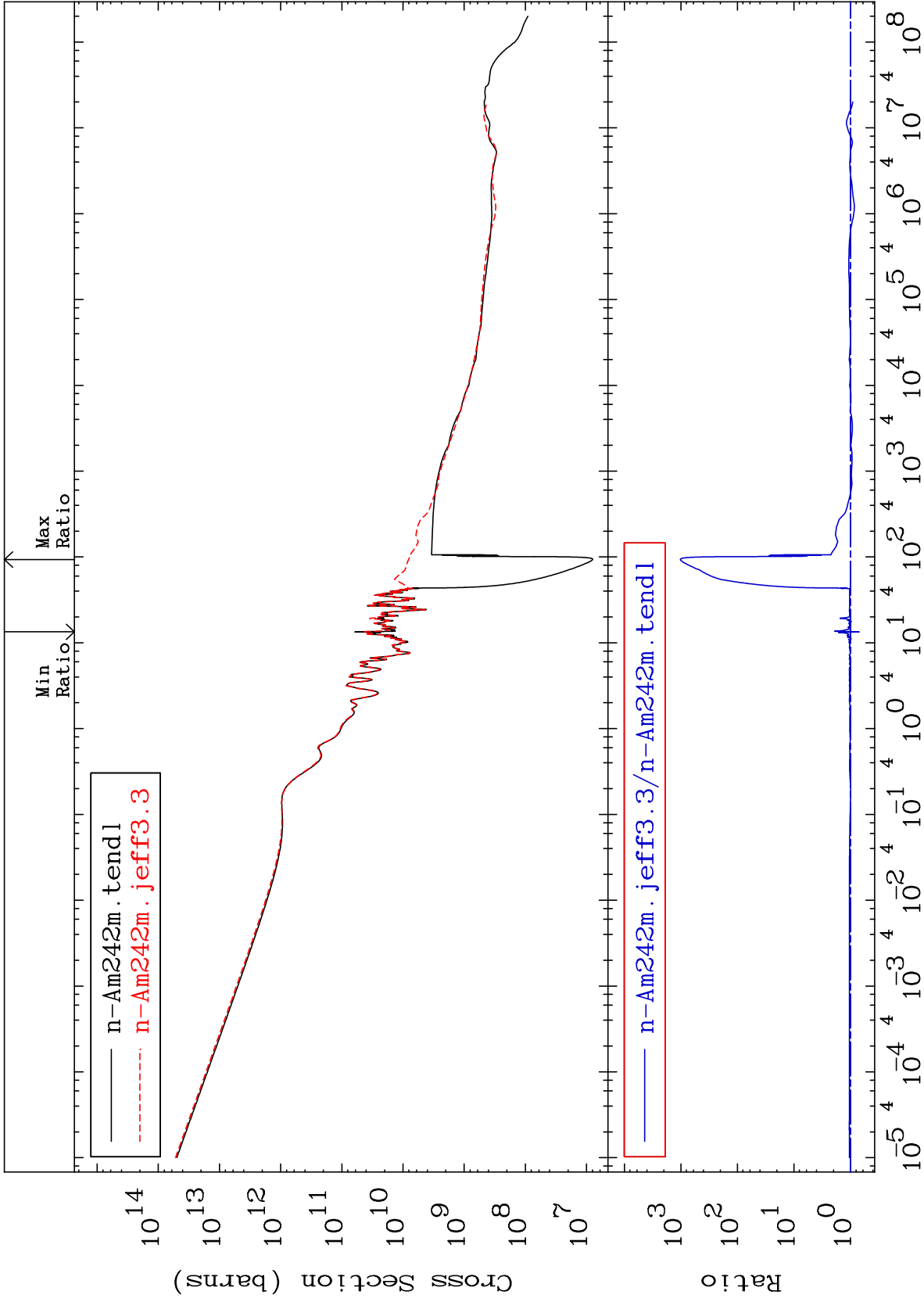


MAT 9547

95-Am-242
-91.56 To 9999. %

(n, γ)
Cross Section

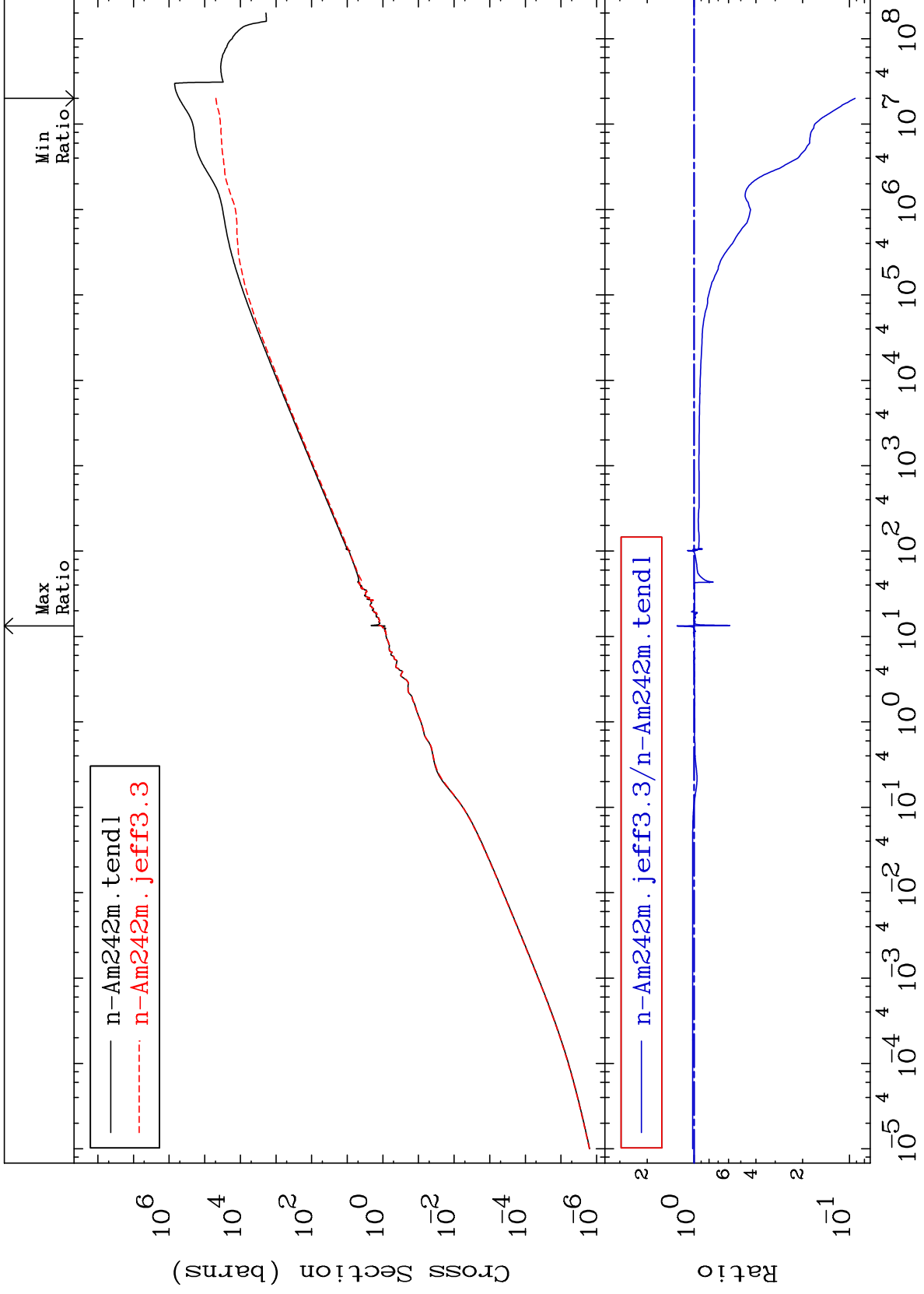


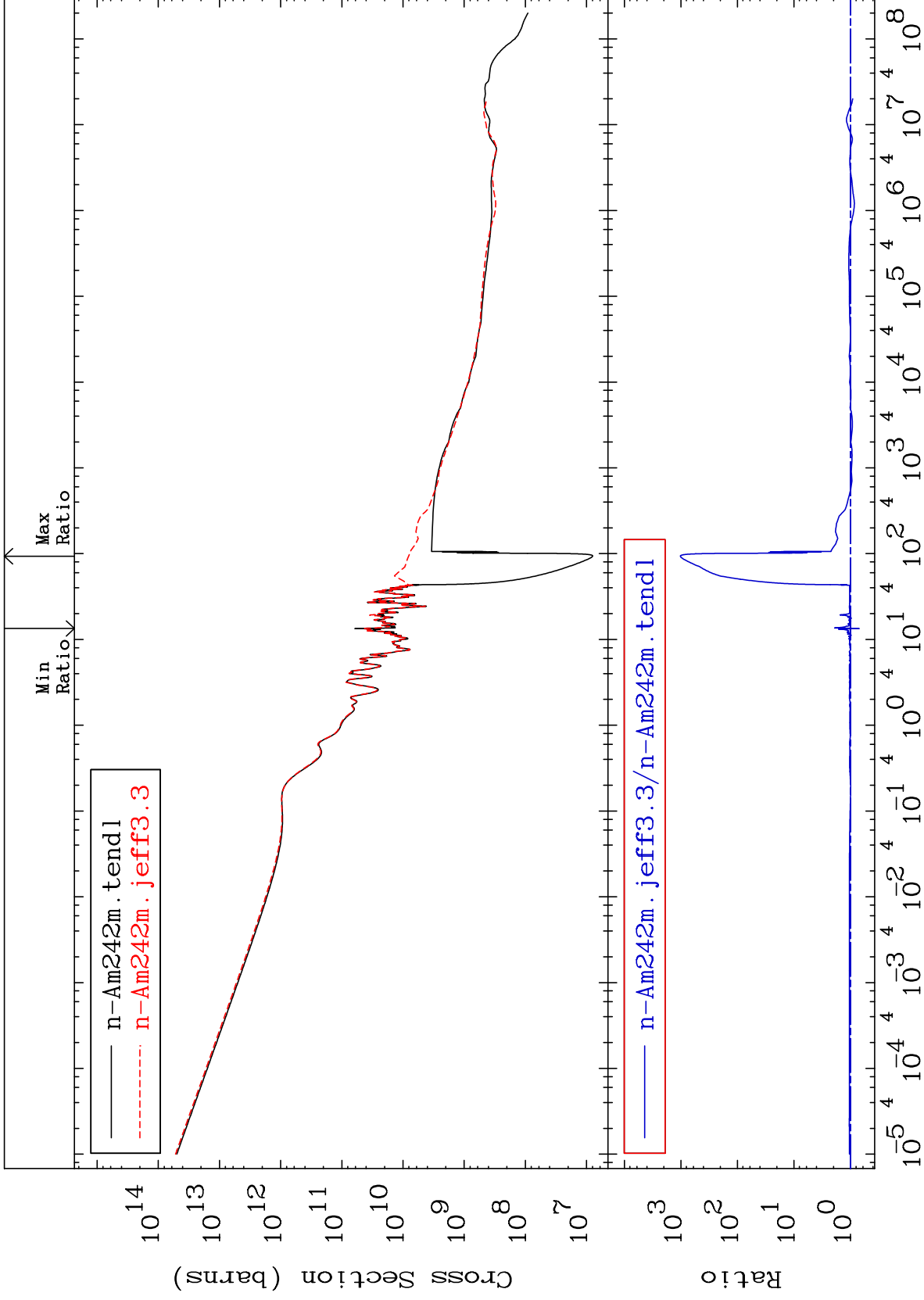


MAT 9547

Kerma elastic
Cross Section

95-Am-242
-90.80 To 28.87 %

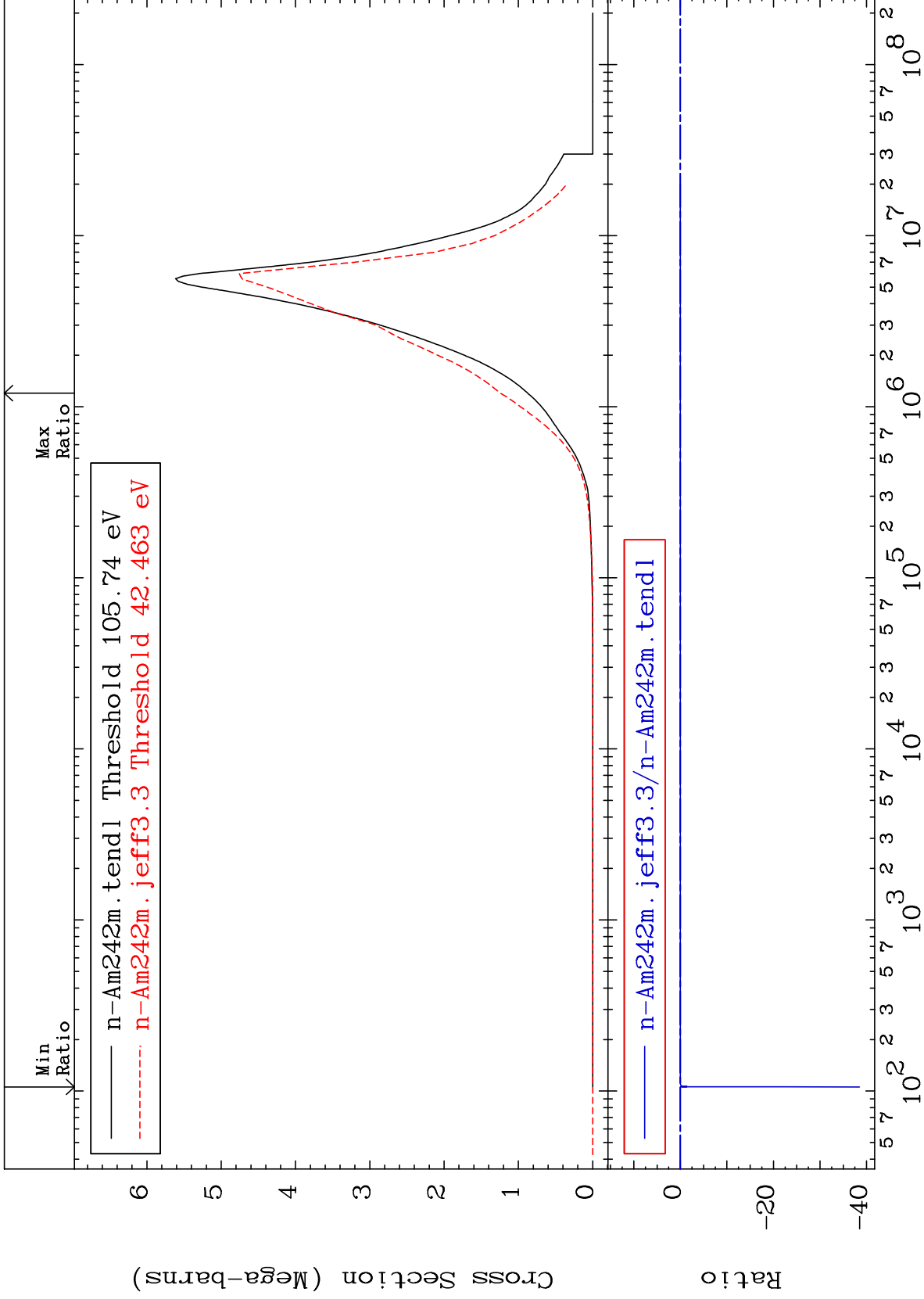


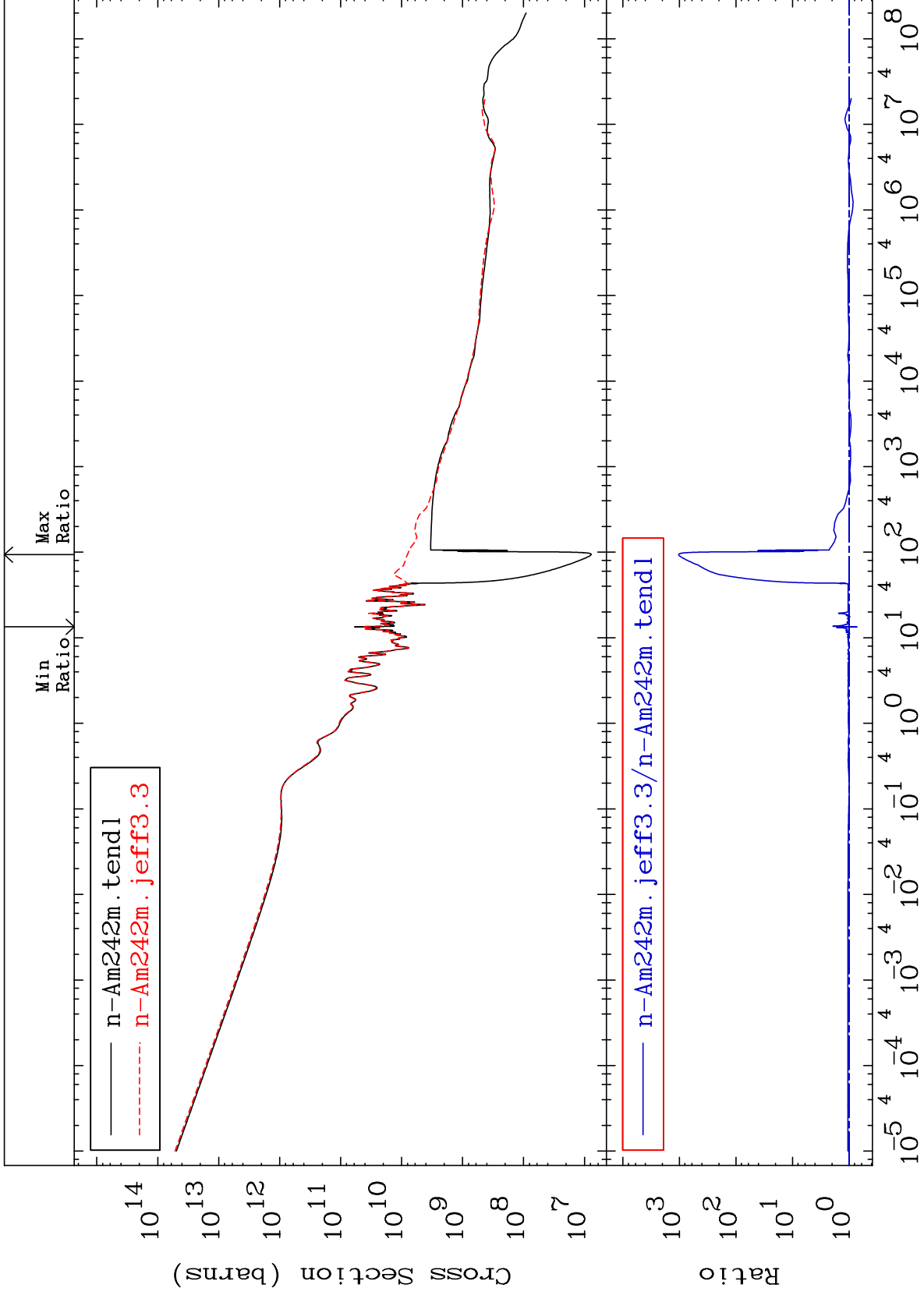


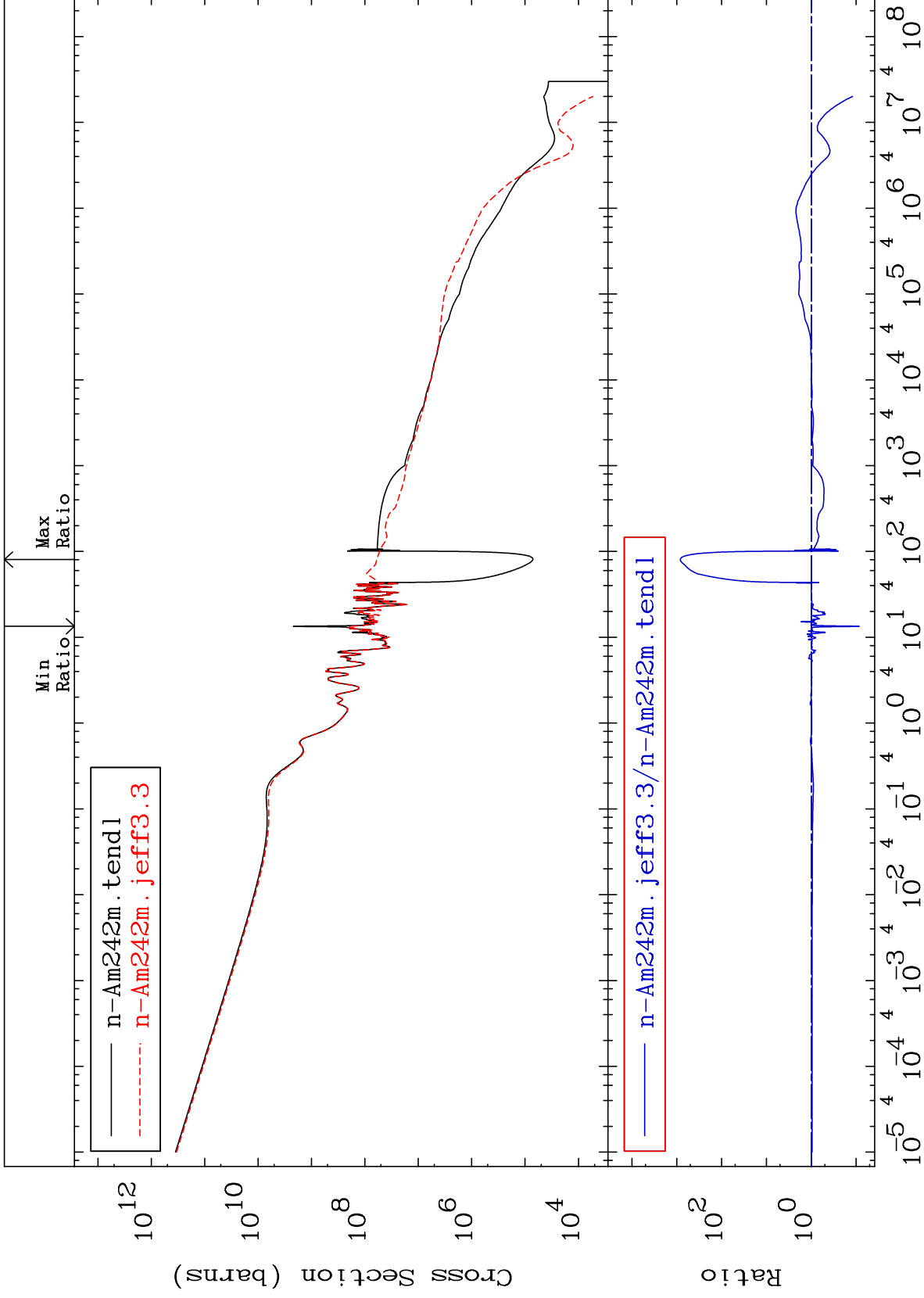
MAT 9547

Kerma inelastic (mt51-91)
Cross Section

95-Am-242
-9999. To 42.09 %



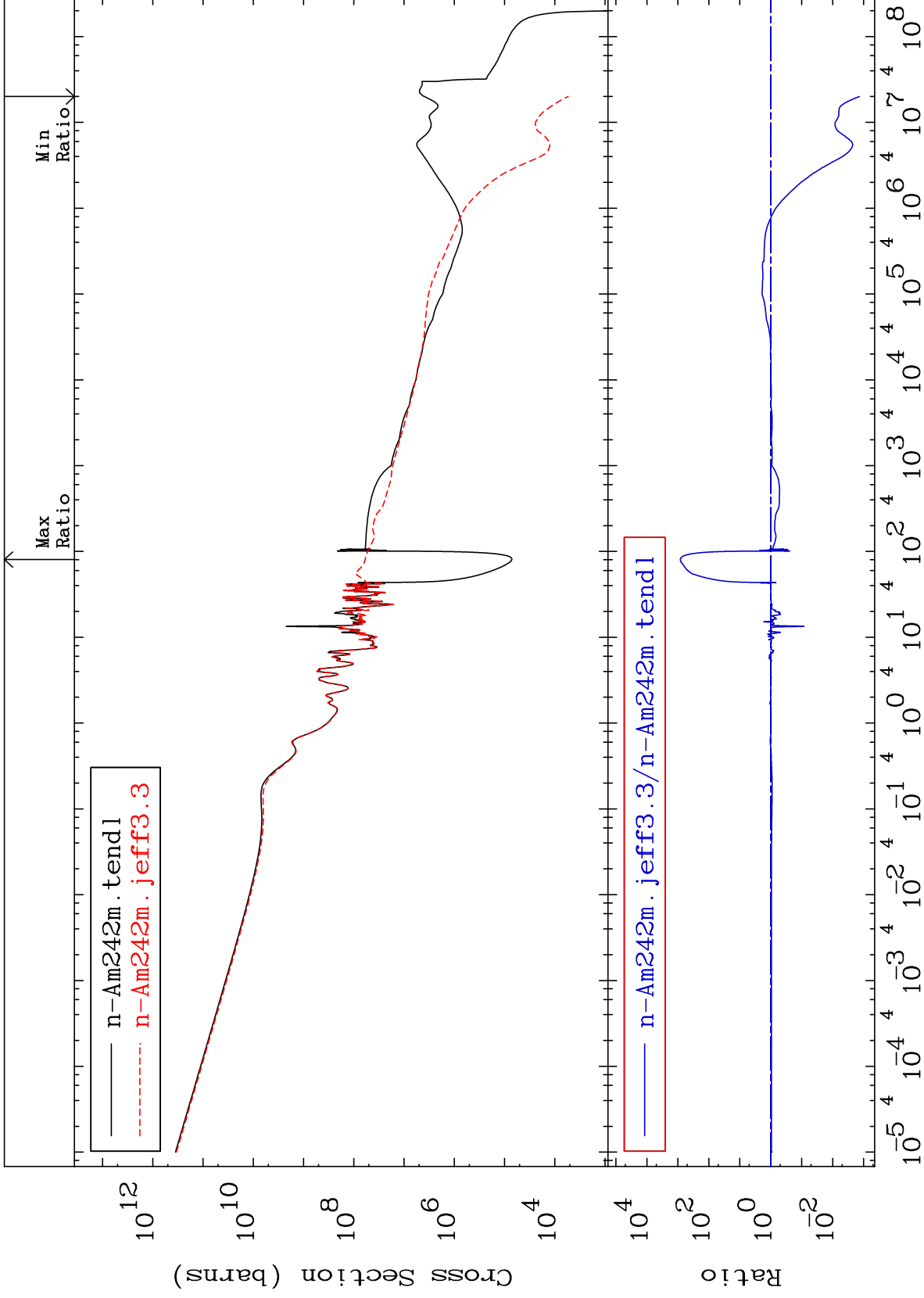




MAT 9547

Total photon (eV-barns)
Cross Section

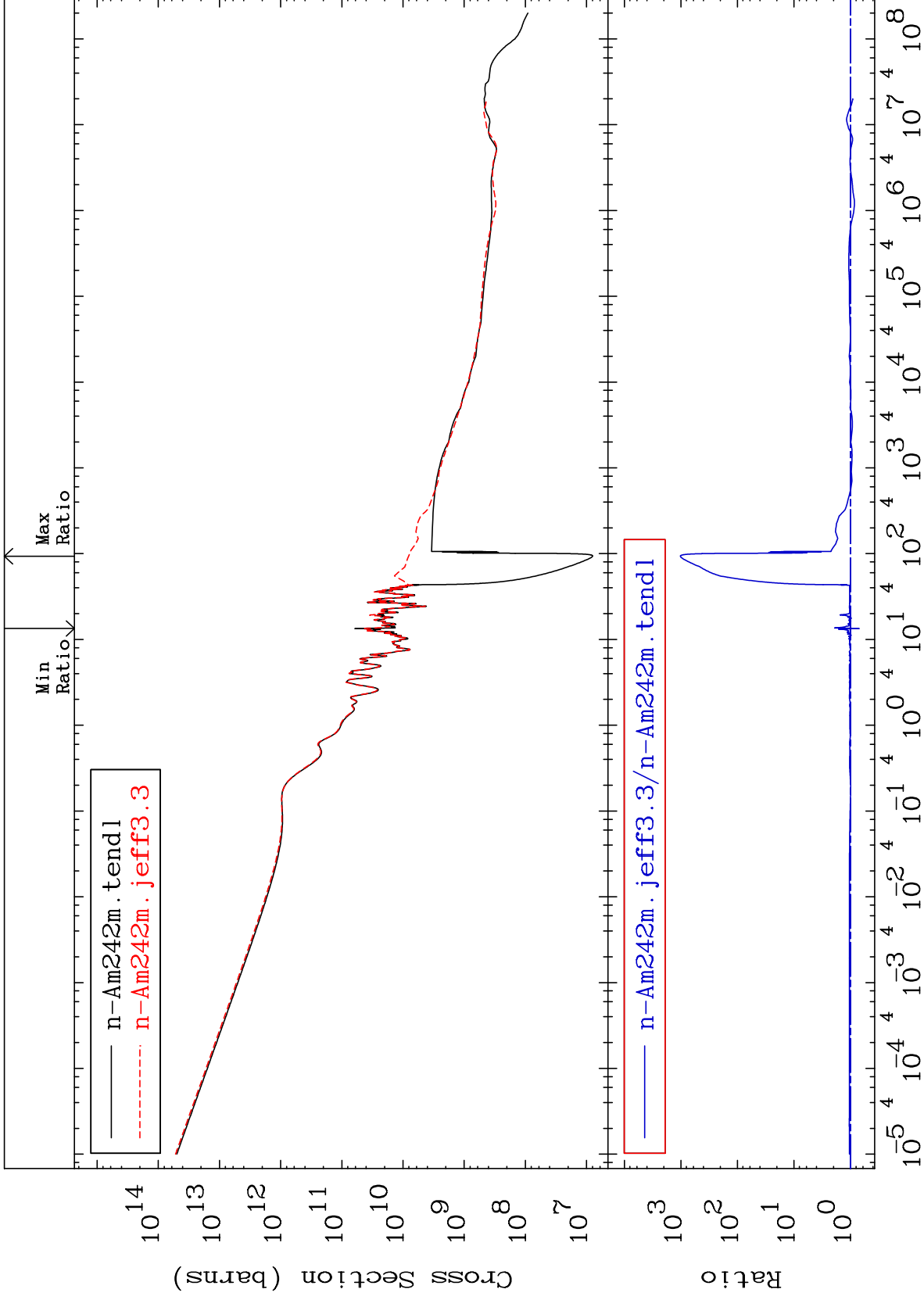
95-Am-242
-99.86 To 9999. %



40

Incident Energy (eV)

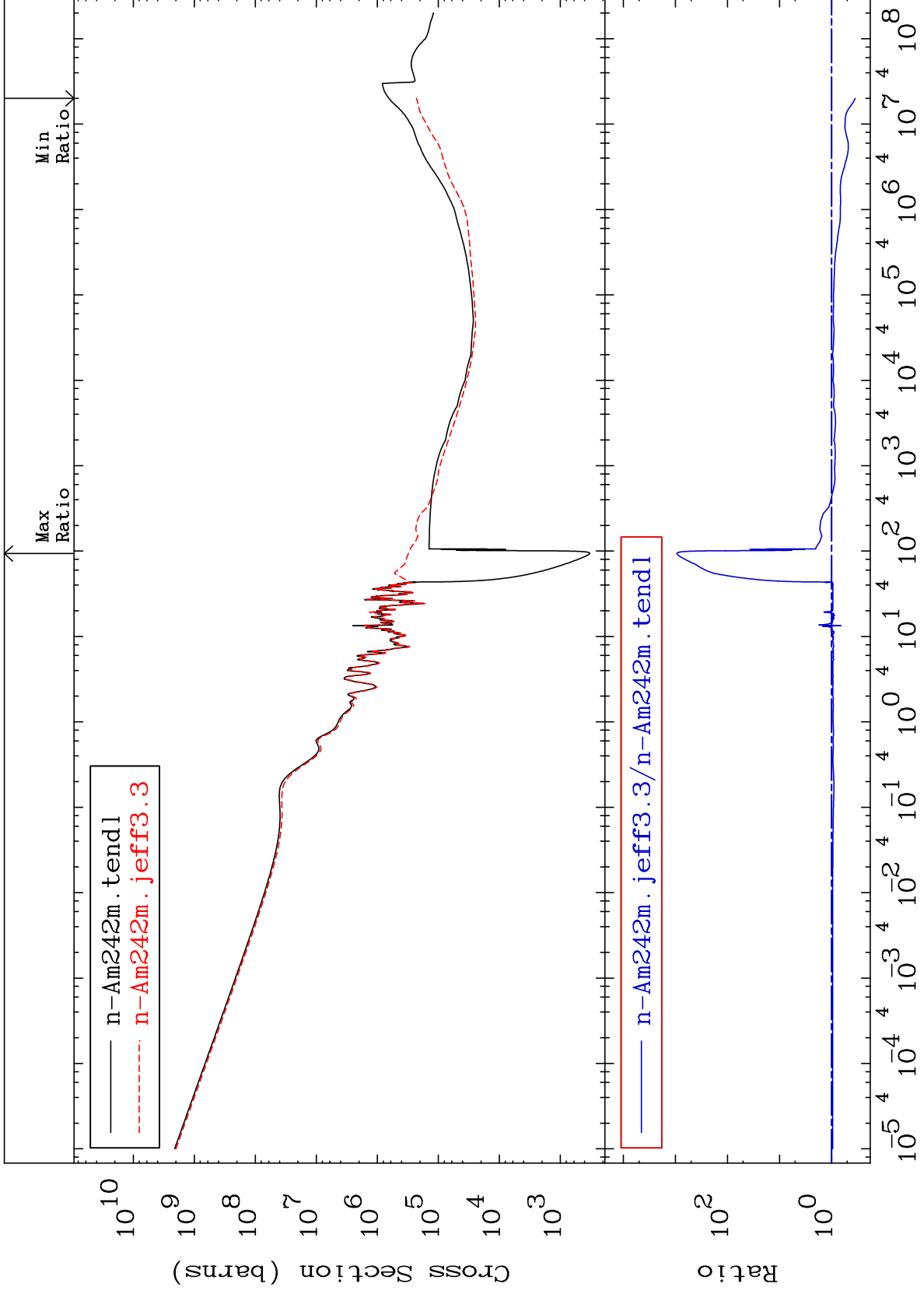
95-Am-242



MAT 9547

Dpa total (eV-barns)
Cross Section

95-Am-242
-64.70 To 9999. %



MAT 9547

Dpa elastic (mt2)
Cross Section

95-Am-242
-90.22 To -7.201%

