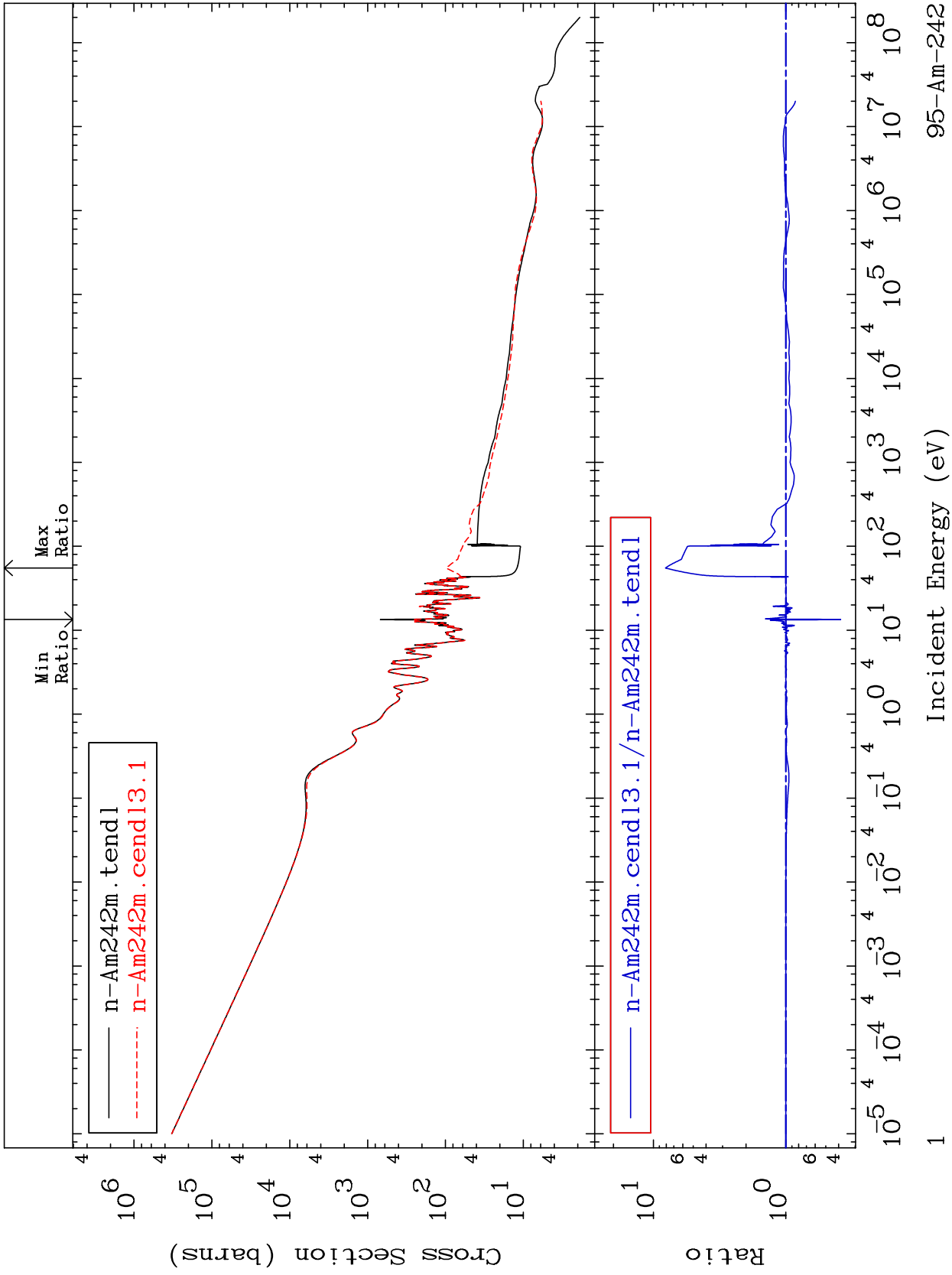


MAT 9547

Total Cross Section
95-Am-242
-61.43 To 710.0 %



95-Am-242

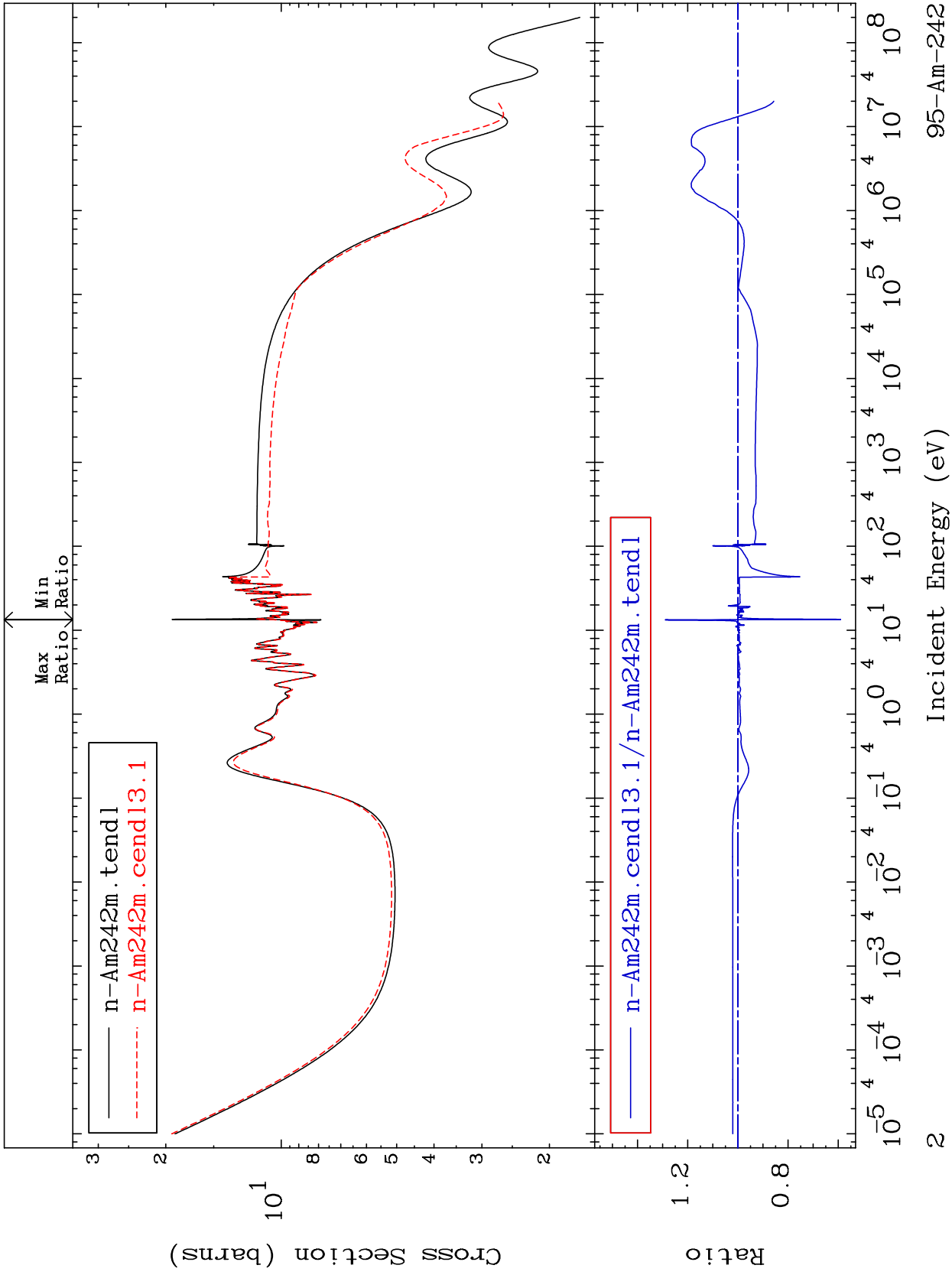
MAT 9547

Elastic

95-Am-242

Cross Section

-40.95 To 28.87 %



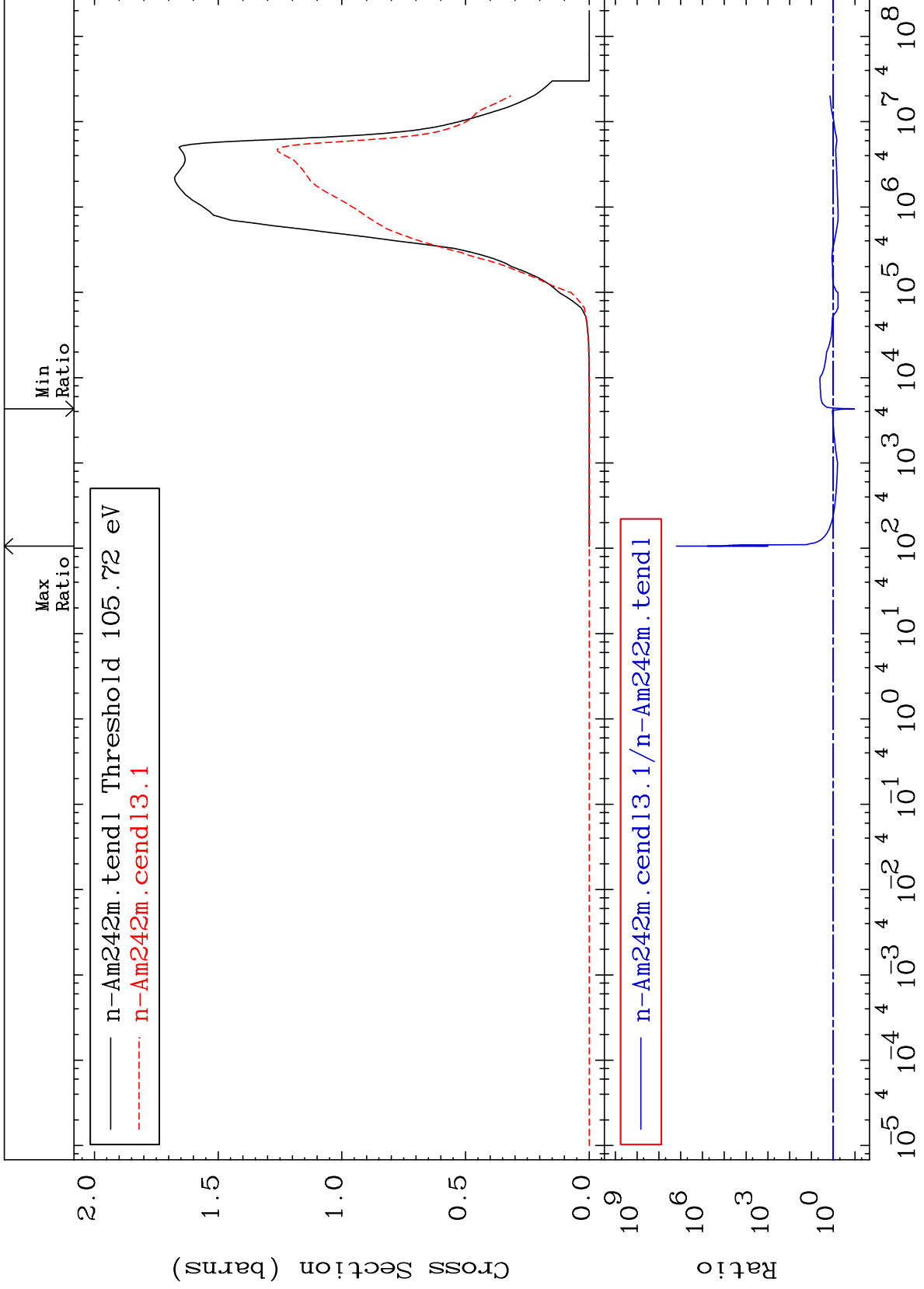
Incident Energy (eV)

95-Am-242

MAT 9547

Inelastic
Cross Section

95-Am-242
-89.27 To 9999. %



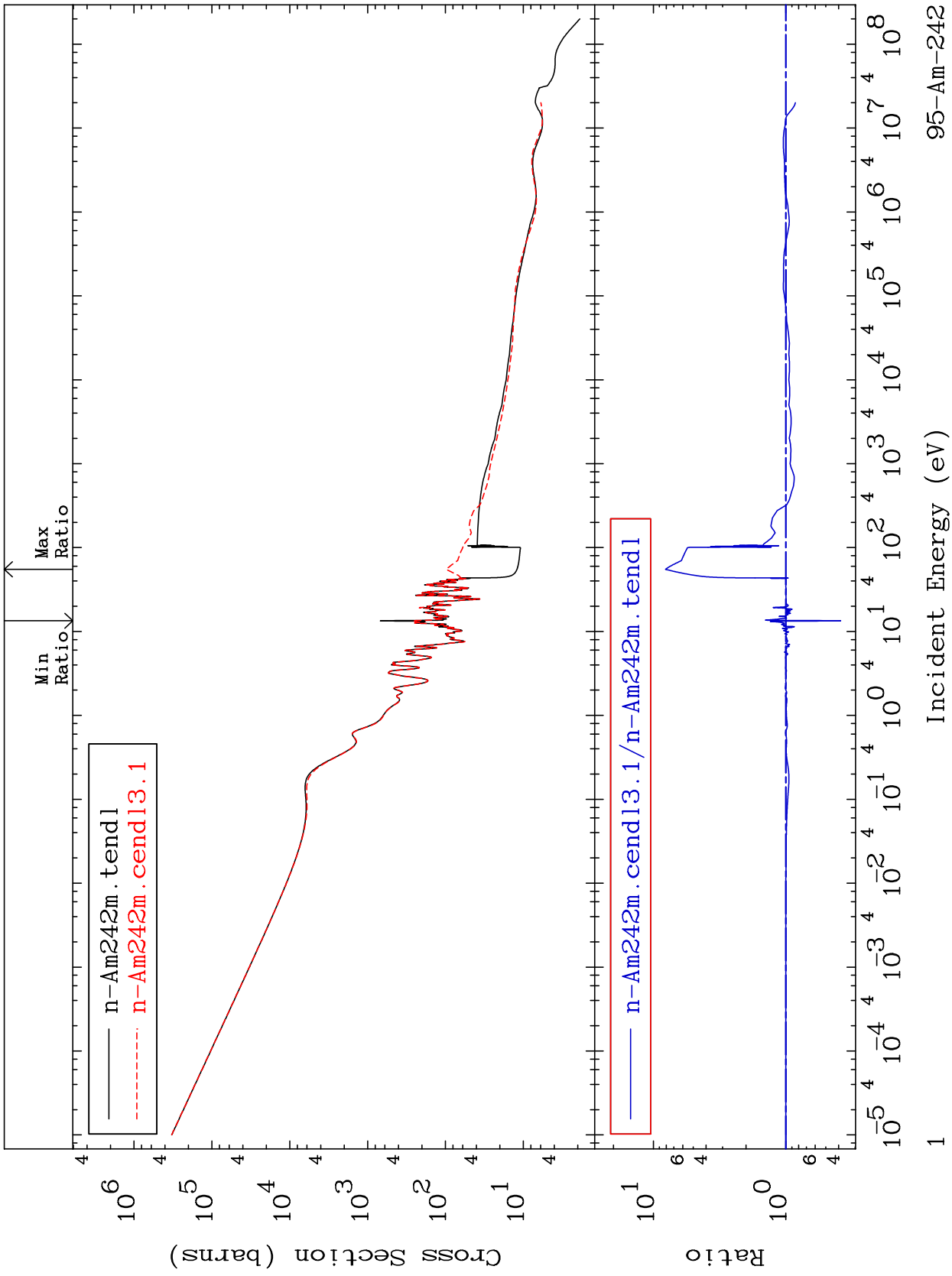
Incident Energy (eV)

95-Am-242

3

MAT 9547

Total Cross Section
95-Am-242
-61.43 To 710.0 %



95-Am-242

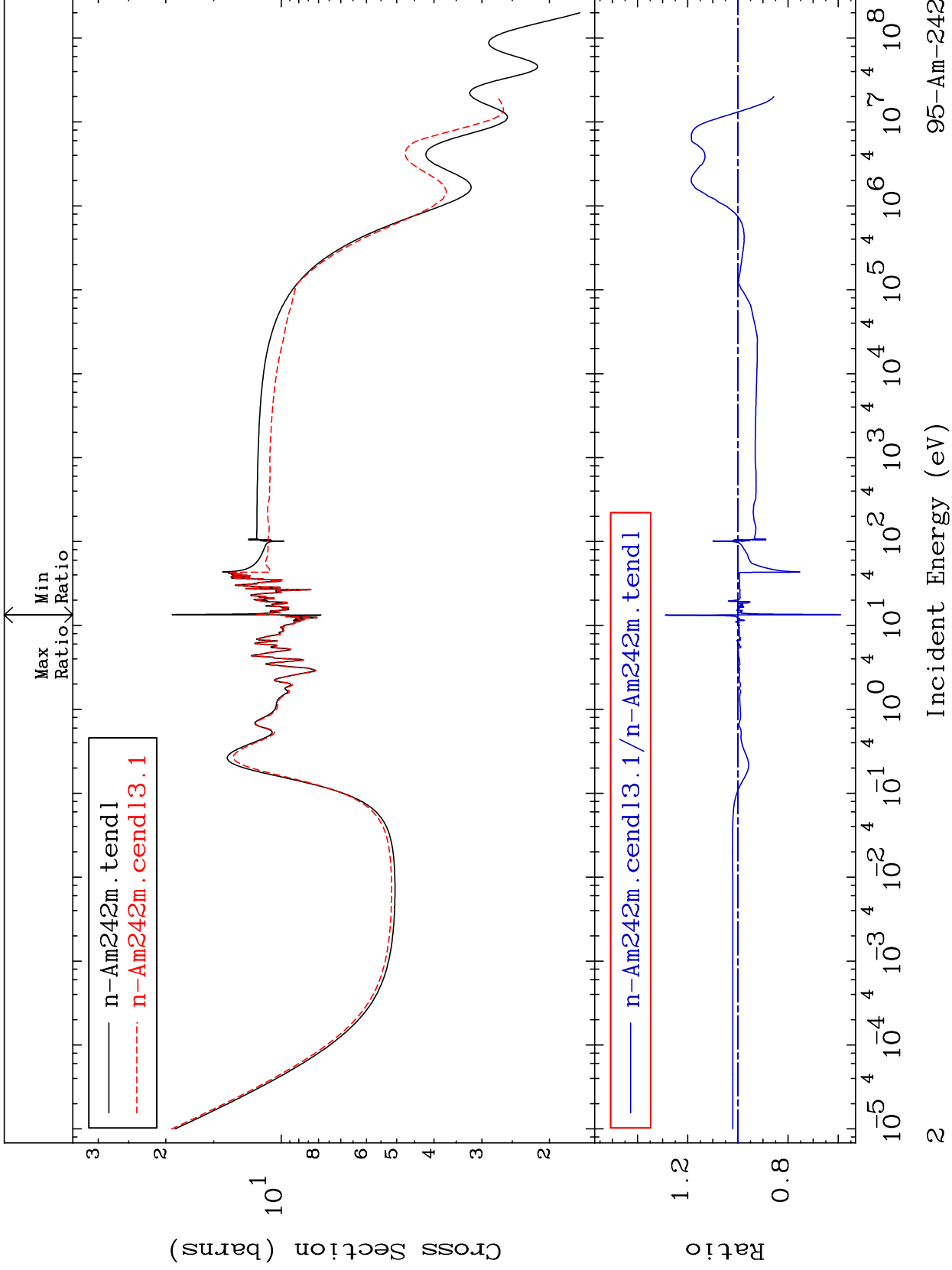
MAT 9547

Elastic

95-Am-242

Cross Section

-40.95 To 28.87 %



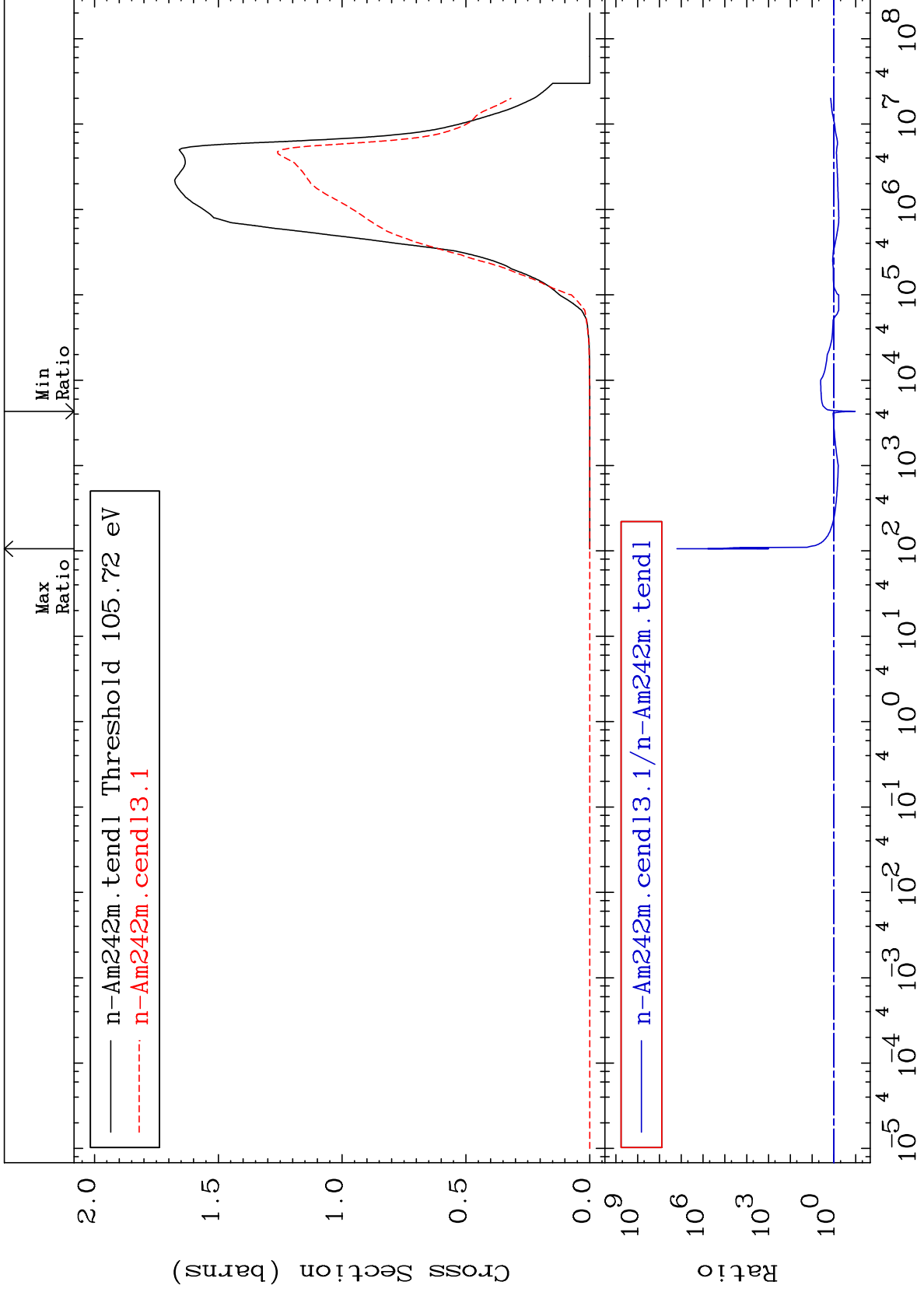
Incident Energy (eV)

95-Am-242

MAT 9547

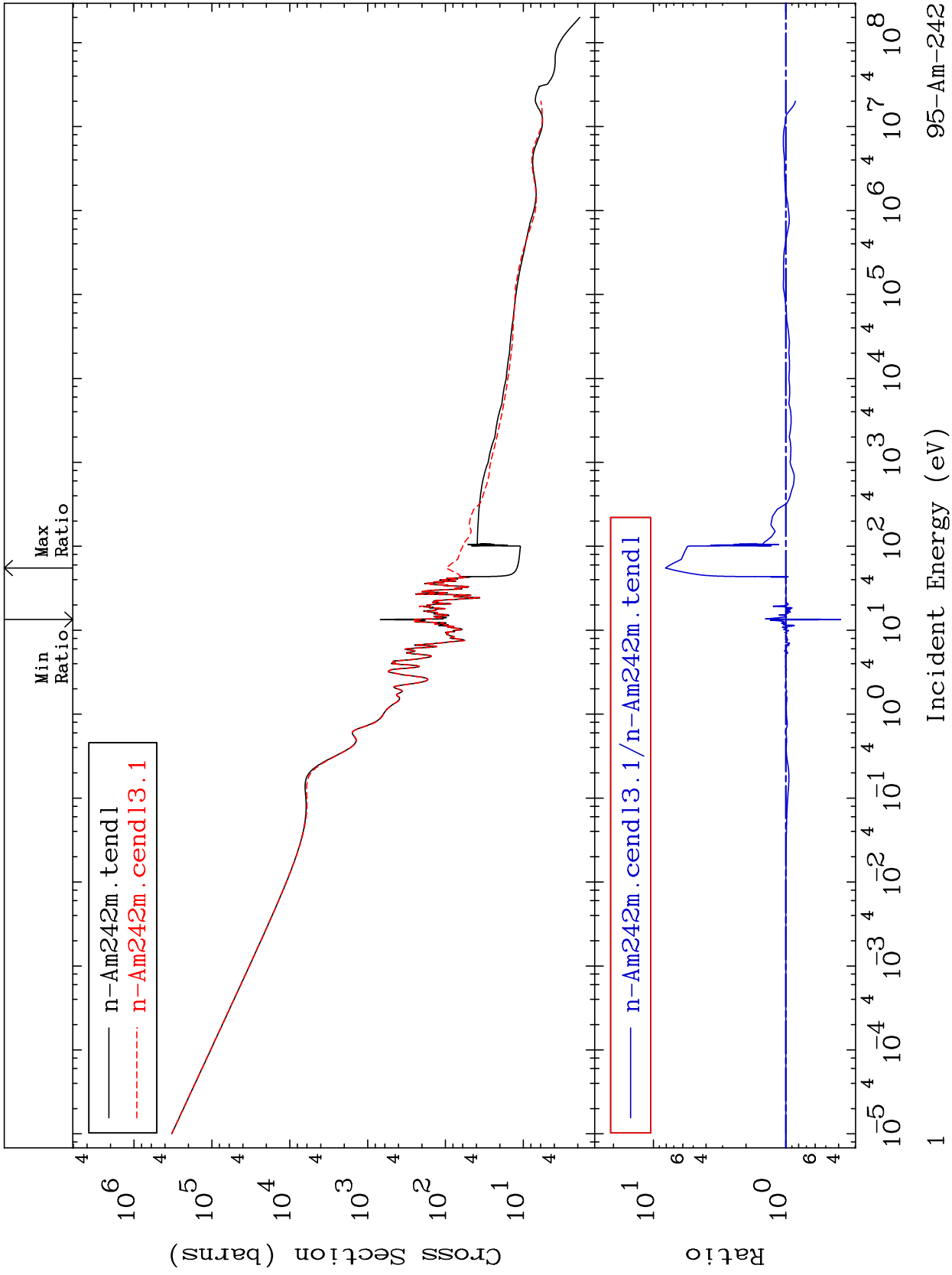
Inelastic
Cross Section

95-Am-242
-89.27 To 9999. %



MAT 9547

Total Cross Section
95-Am-242
-61.43 To 710.0 %



95-Am-242

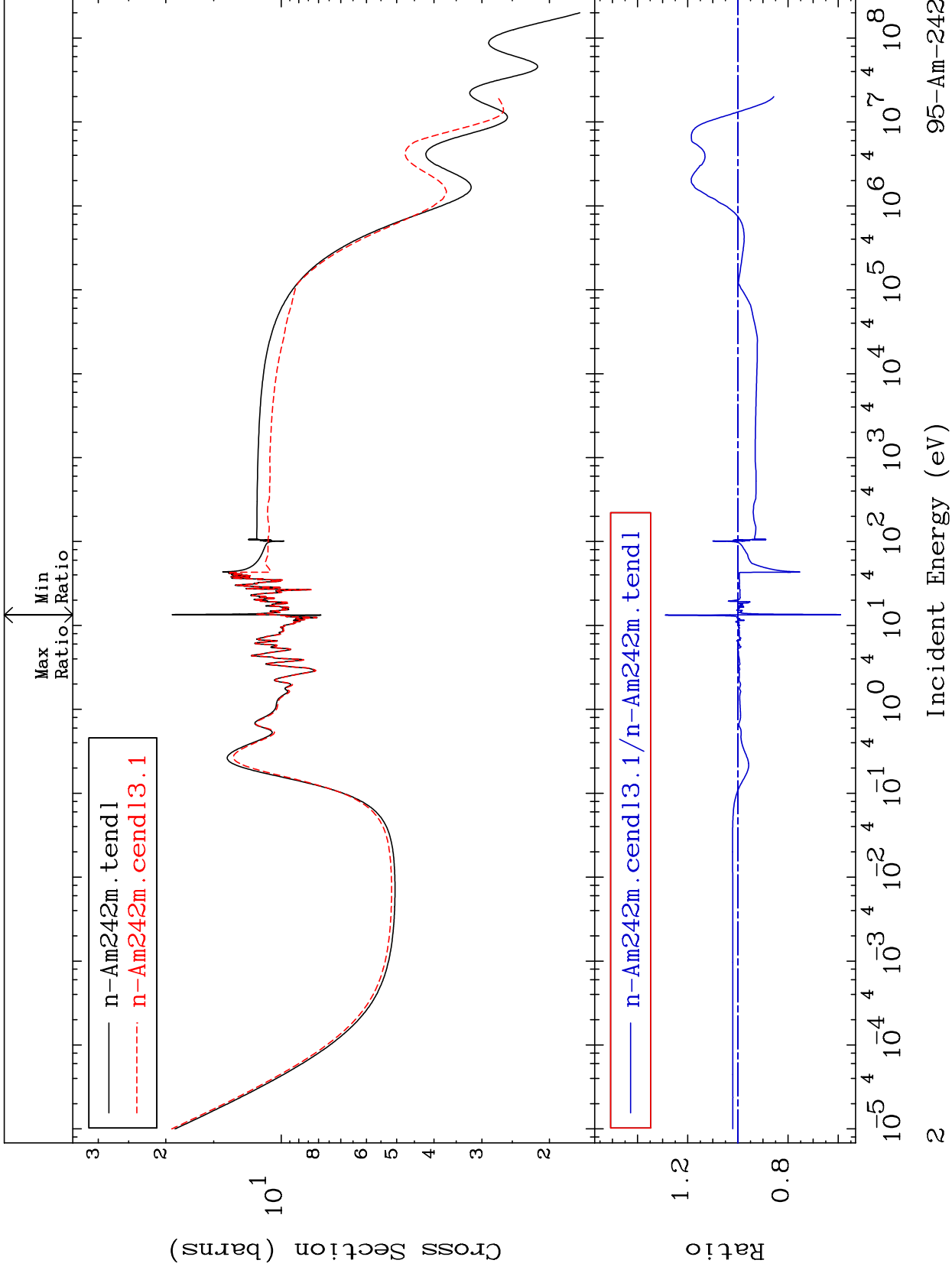
MAT 9547

Elastic

95-Am-242

Cross Section

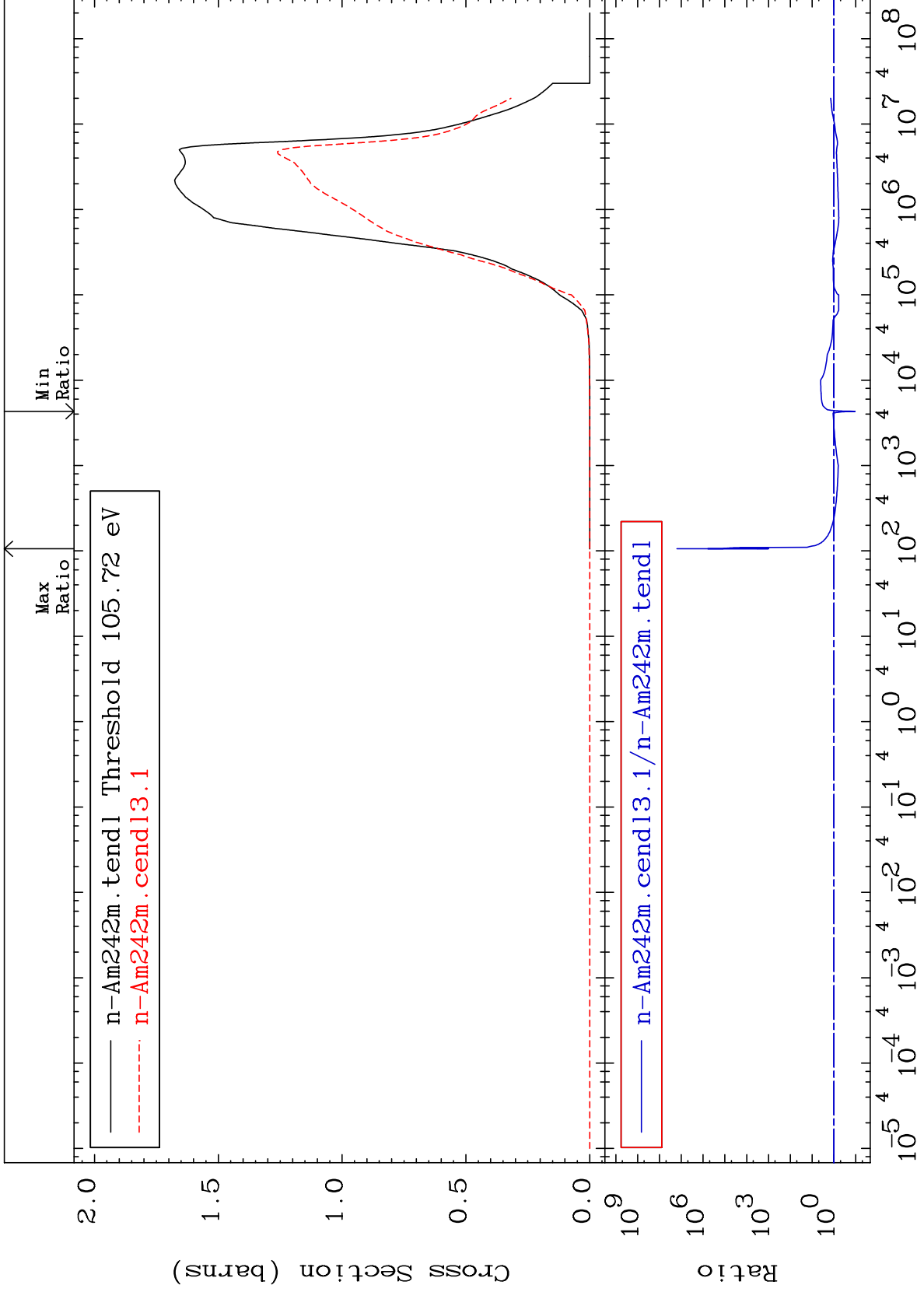
-40.95 To 28.87 %



MAT 9547

Inelastic
Cross Section

95-Am-242
-89.27 To 9999. %



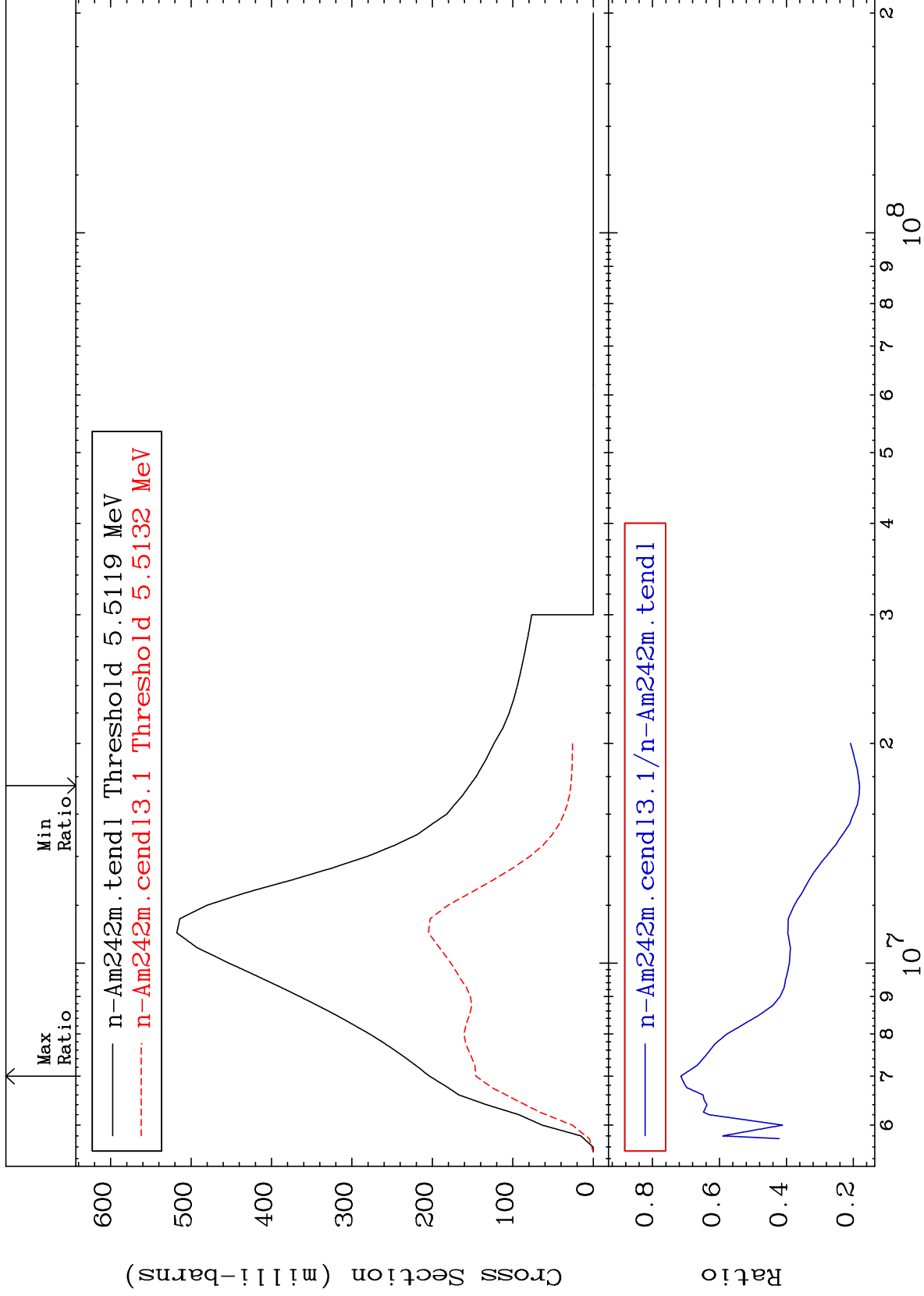
MAT 9547

(n,2n)

95-Am-242

Cross Section

-81.86 To -28.45%



4

Incident Energy (eV)

95-Am-242

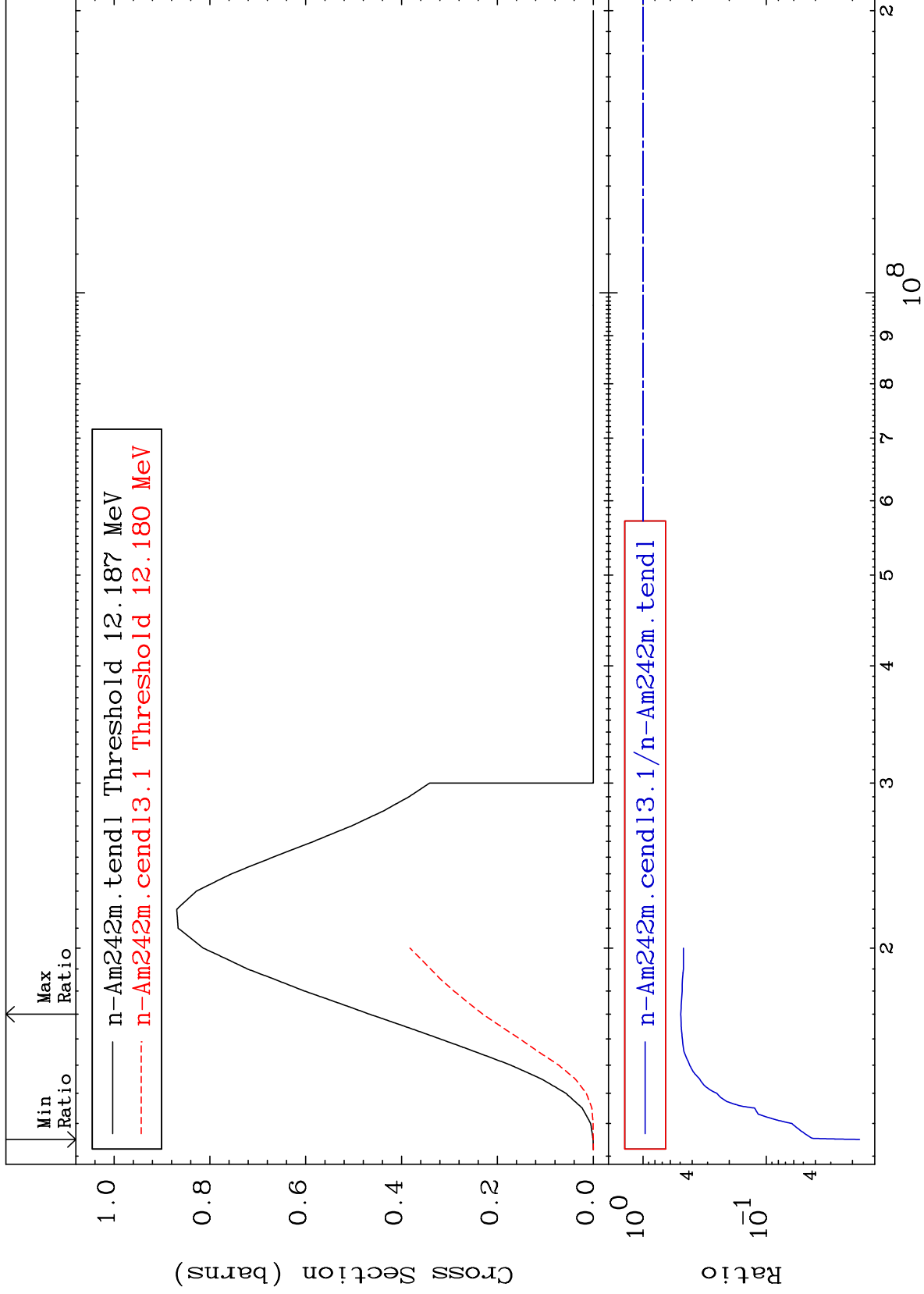
MAT 9547

(n,3n)

95-Am-242

Cross Section

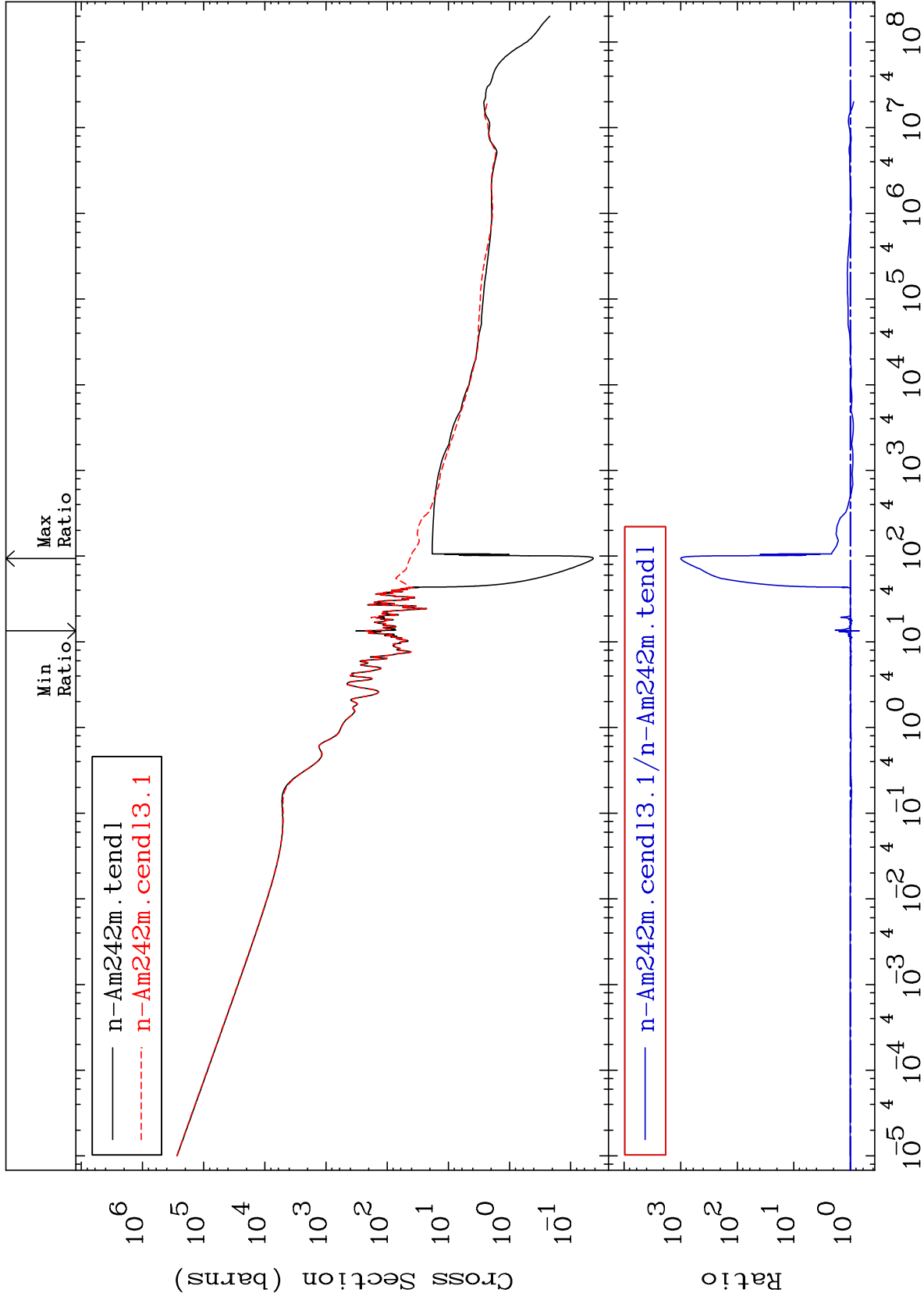
-98.25 To -50.58%



MAT 9547

Fission Cross Section

95-Am-242
-30.87 To 9999. %



Incident Energy (eV)

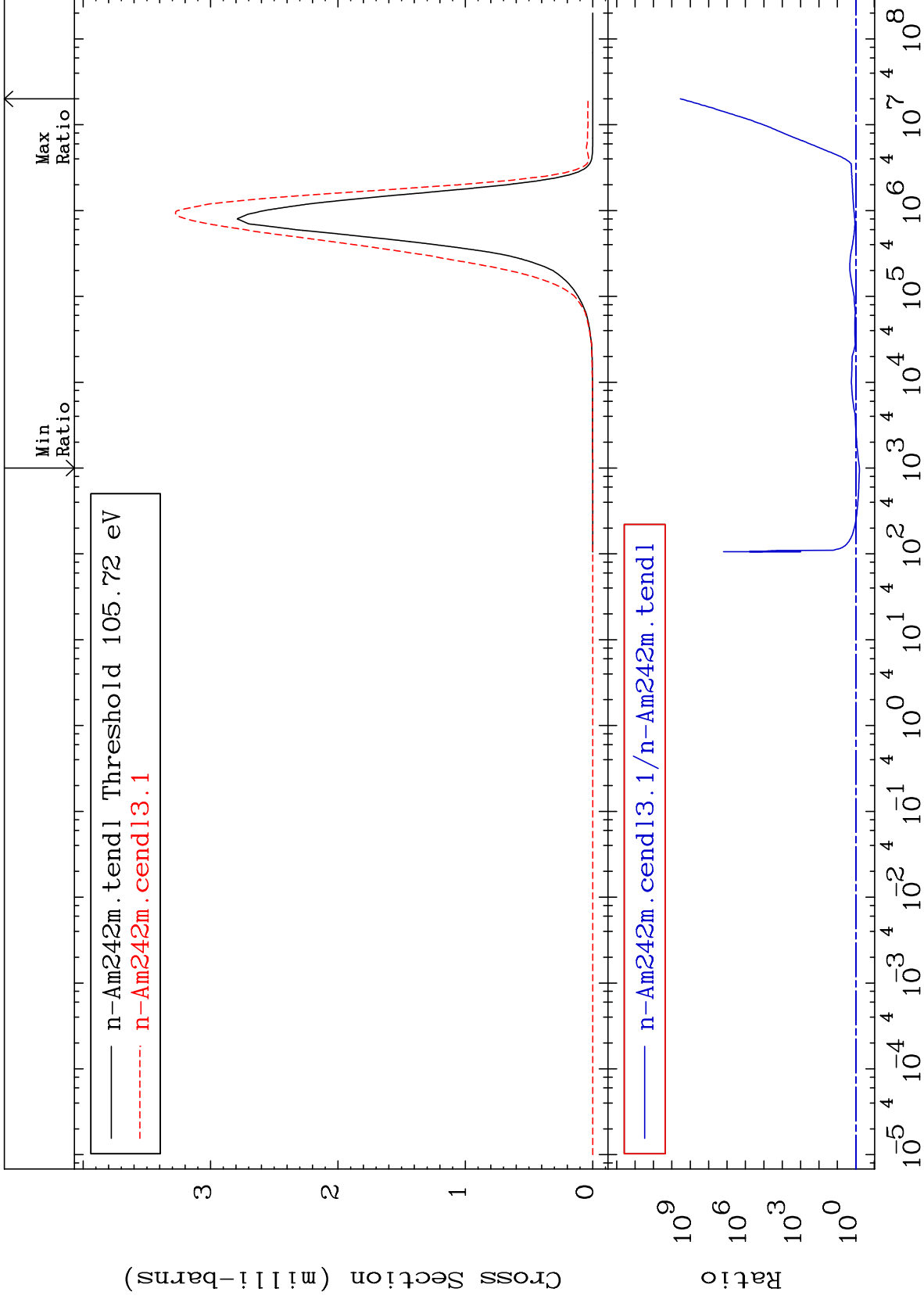
95-Am-242

6

MAT 9547

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

95-Am-242
-36.38 To 9999. %



7

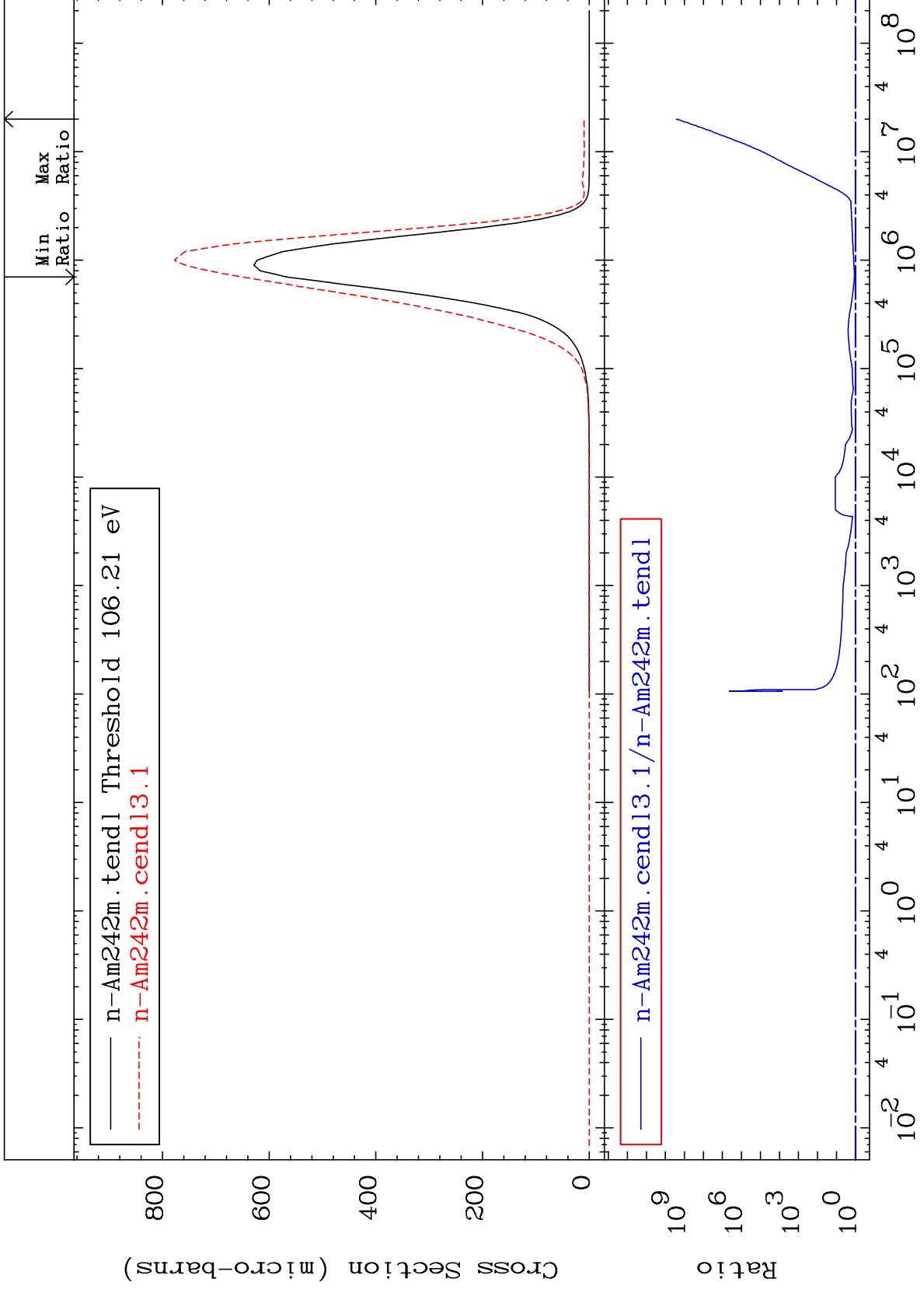
Incident Energy (eV)

95-Am-242

MAT 9547

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

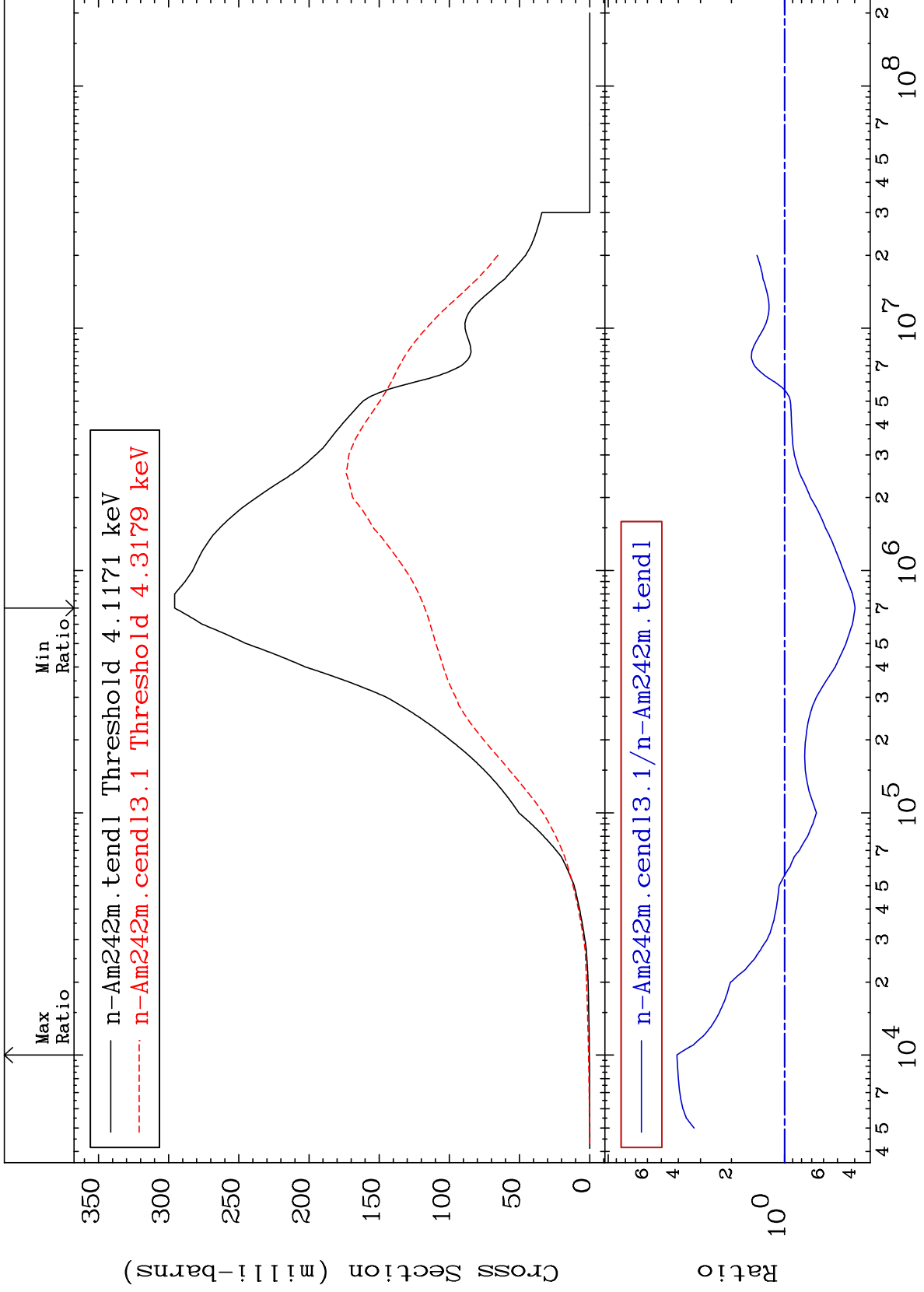
95-Am-242
14.53 To 9999. %



MAT 9547

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

95-Am-242
-60.25 To 307.9 %



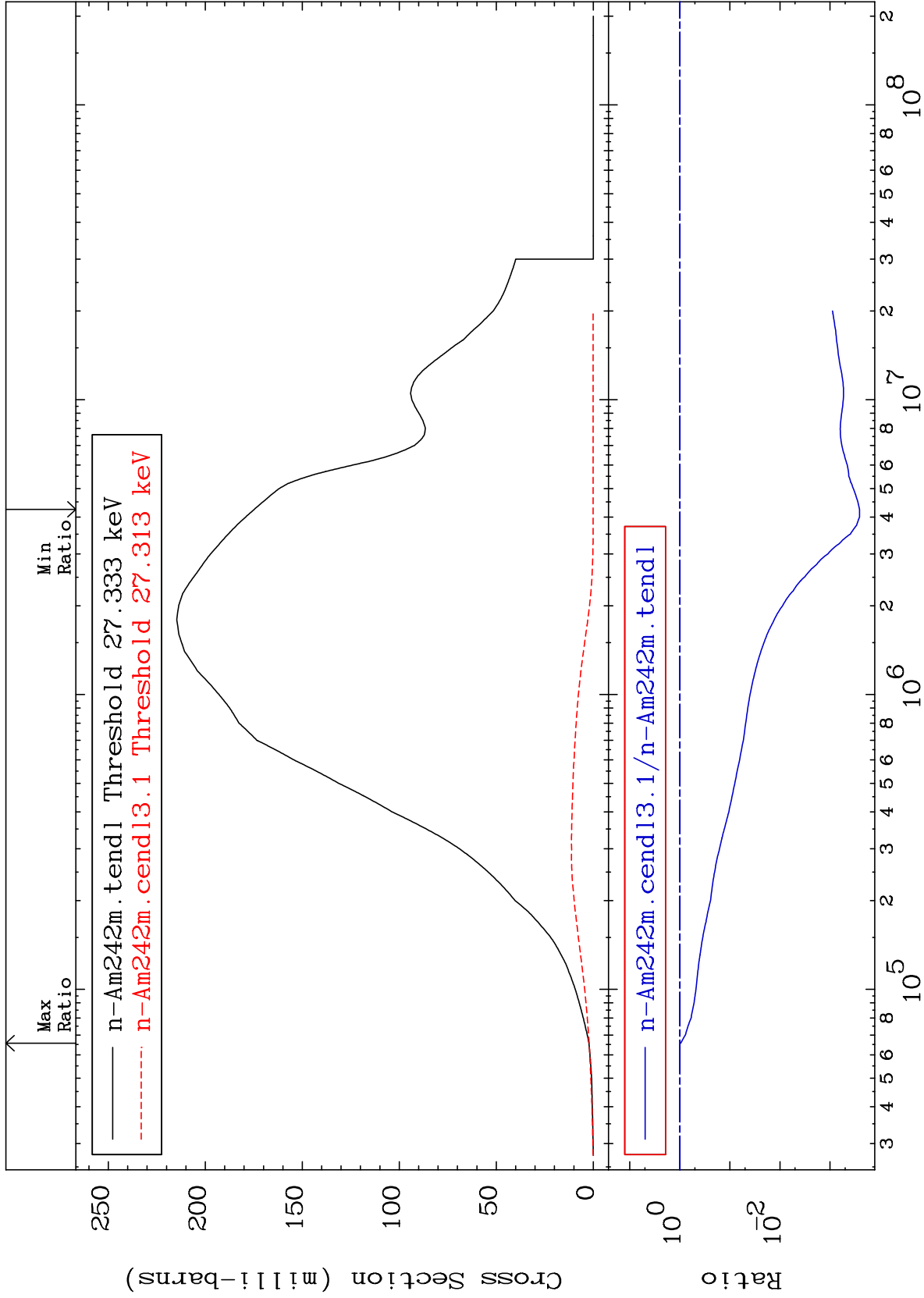
MAT 9547

MT= 54 (n, n') Level

95-Am-242

-99.97 To -4.042%

Cross Section



10

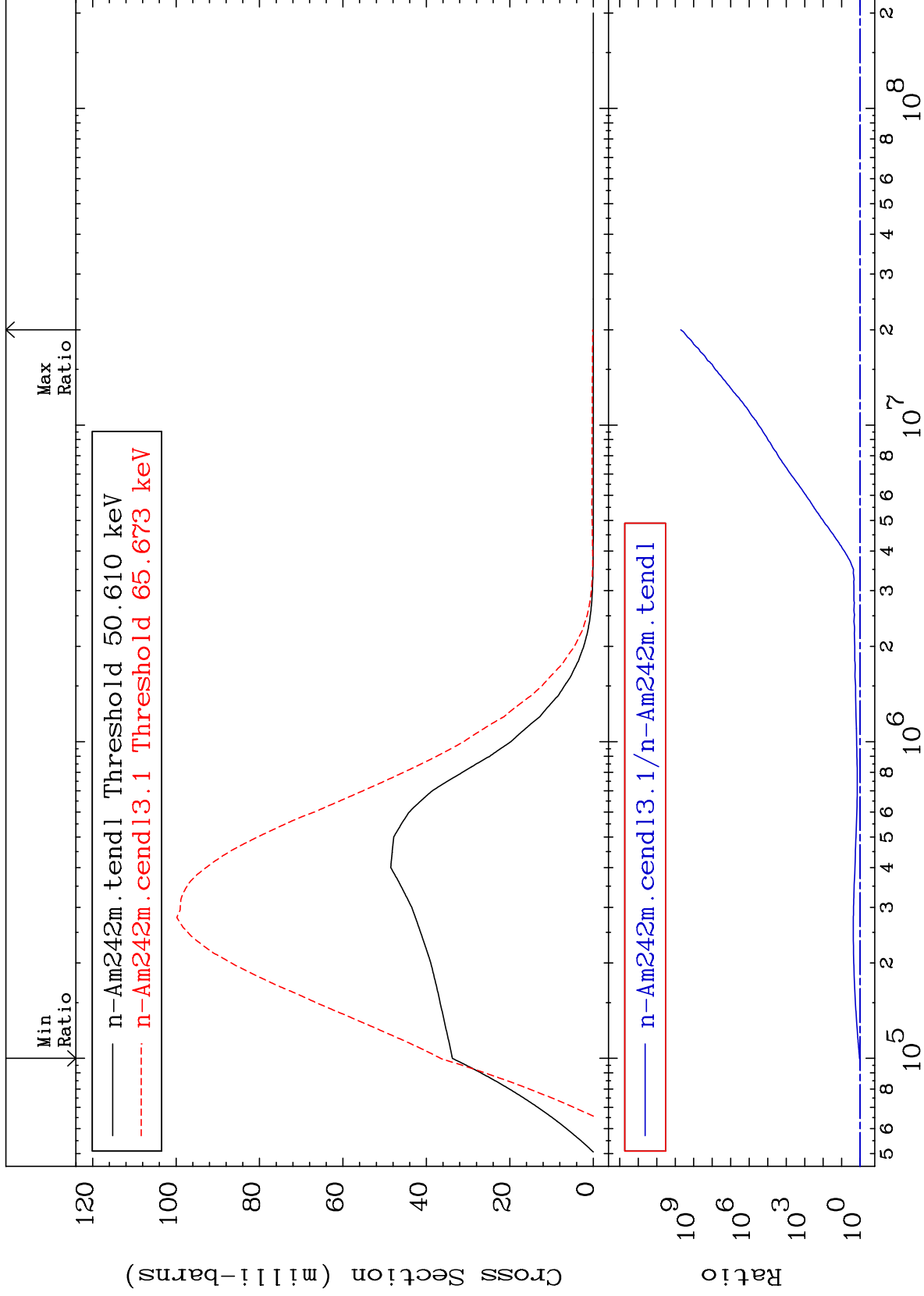
Incident Energy (eV)

95-Am-242

MAT 9547

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

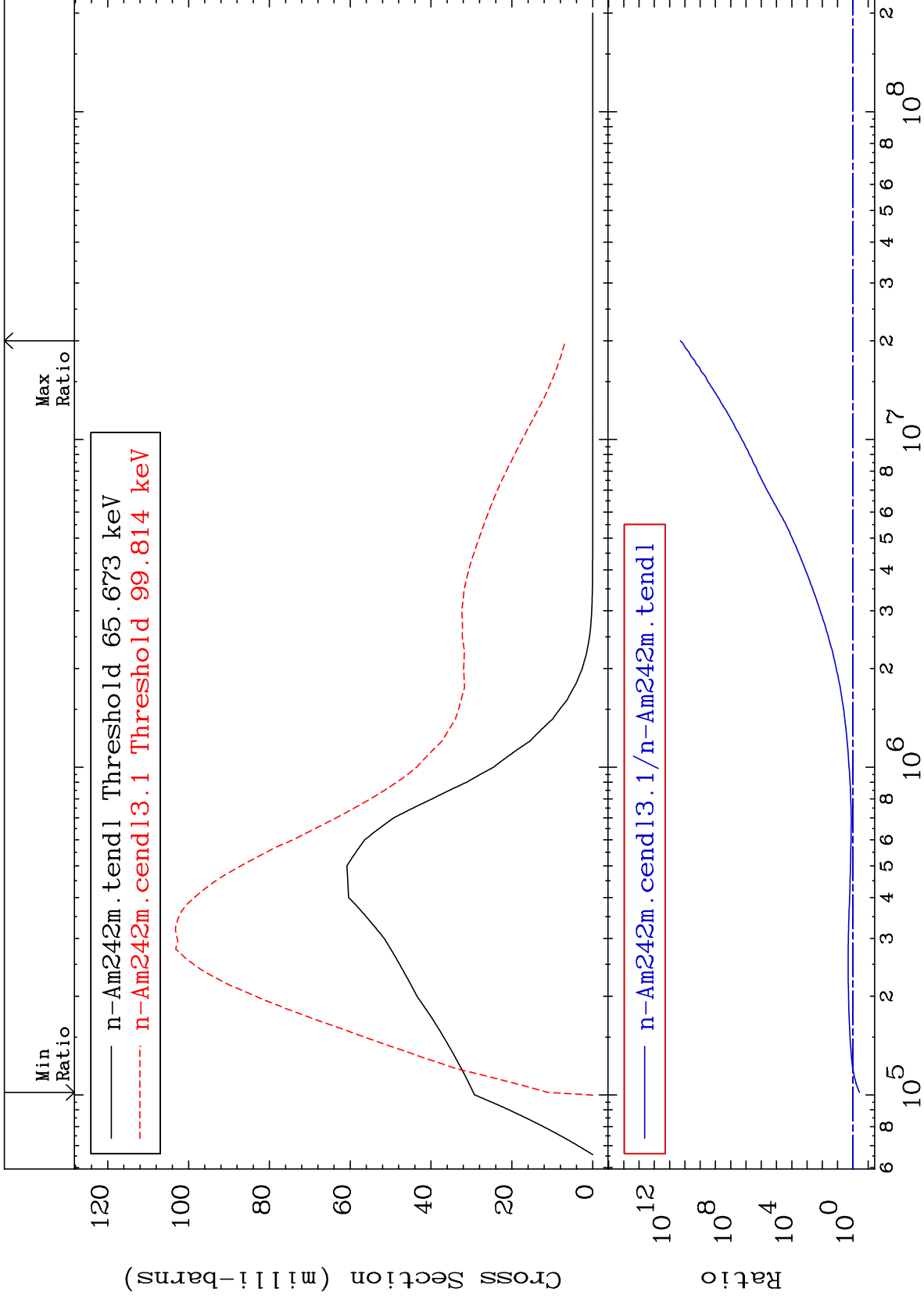
95-Am-242
8.282 To 9999. %



MAT 9547

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

95-Am-242
-62.63 To 9999. %



12

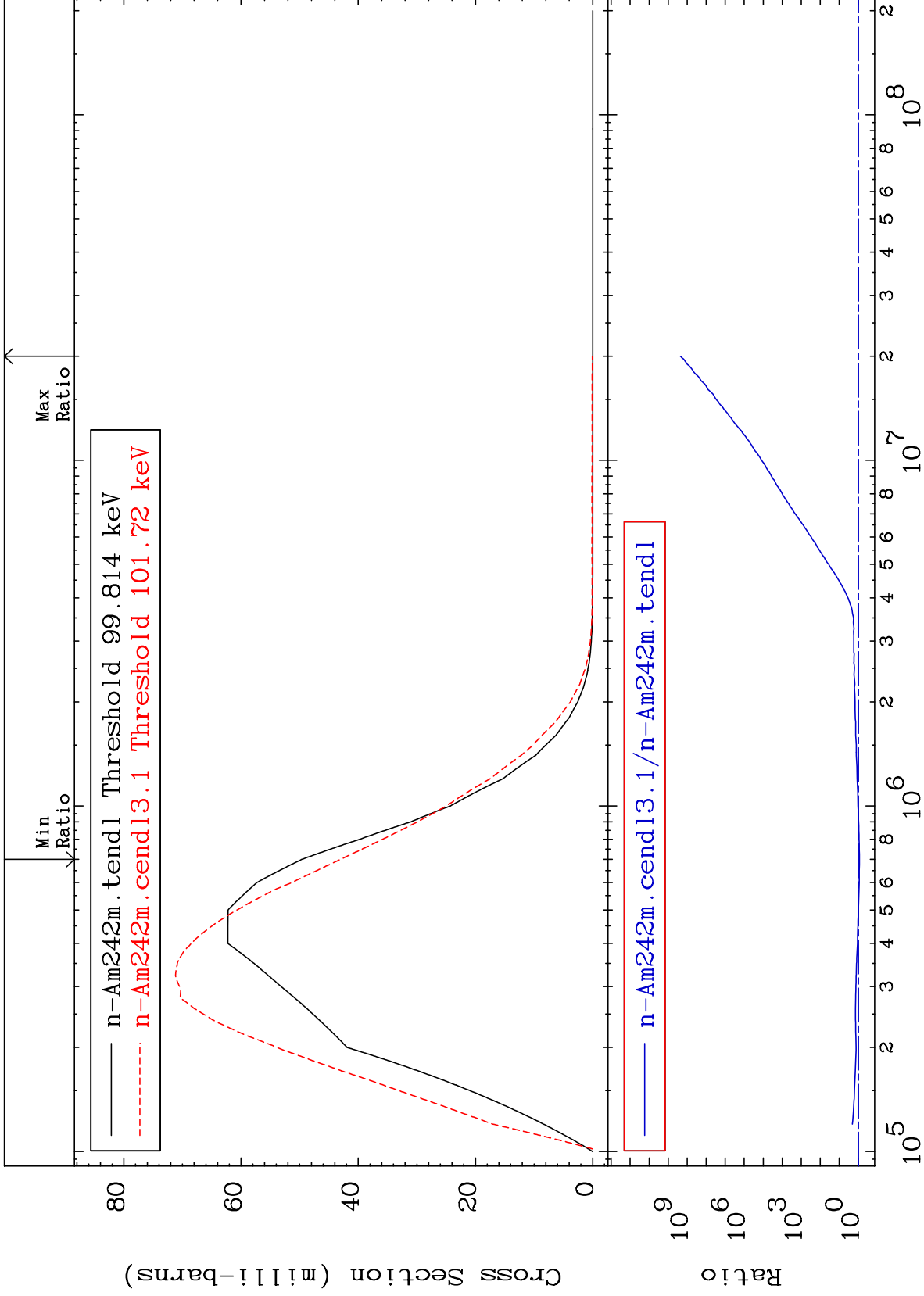
Incident Energy (eV)

95-Am-242

MAT 9547

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

95-Am-242
-13.27 To 9999. %



13

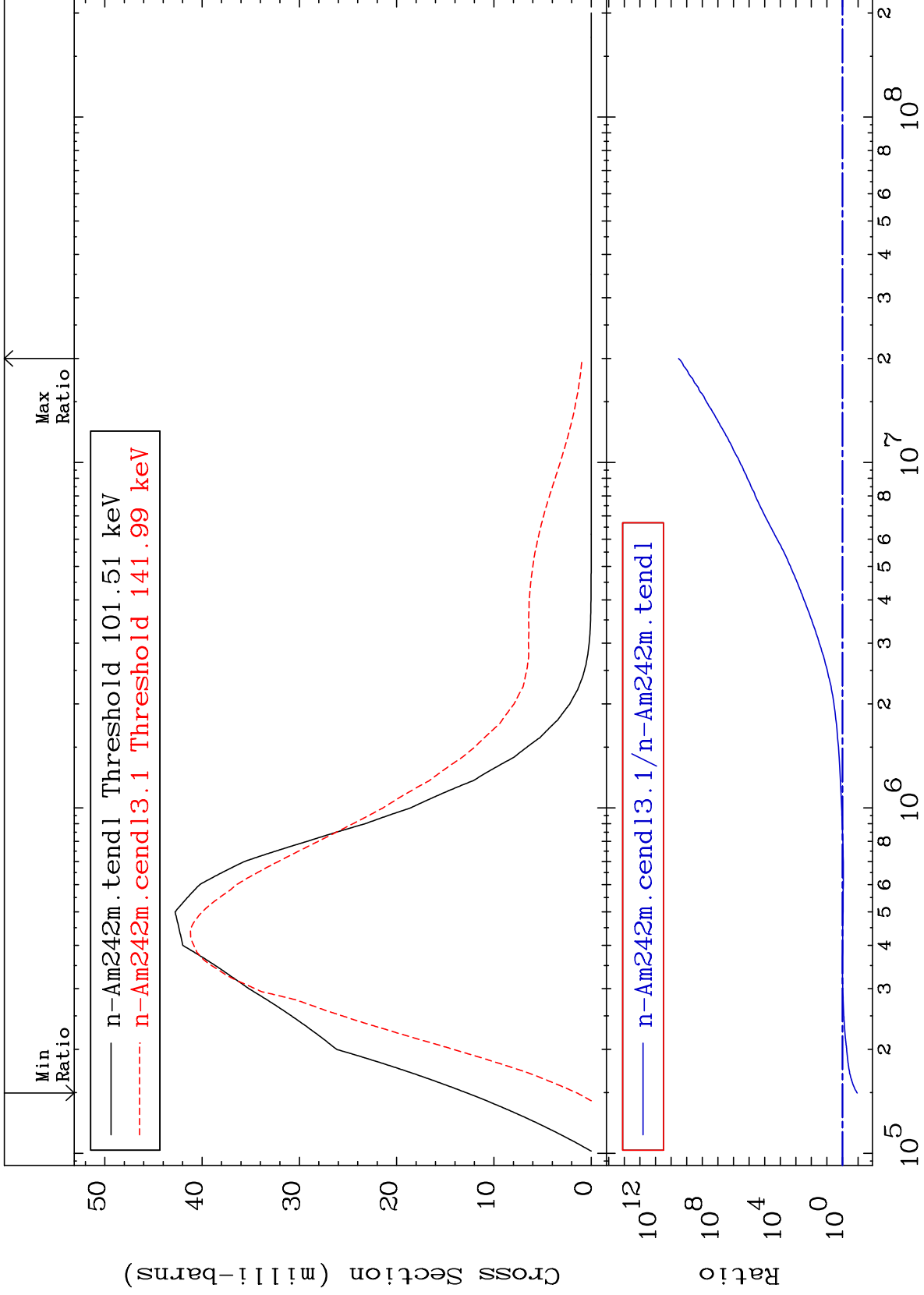
Incident Energy (eV)

95-Am-242

MAT 9547

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

95-Am-242
-88.60 To 9999. %



14

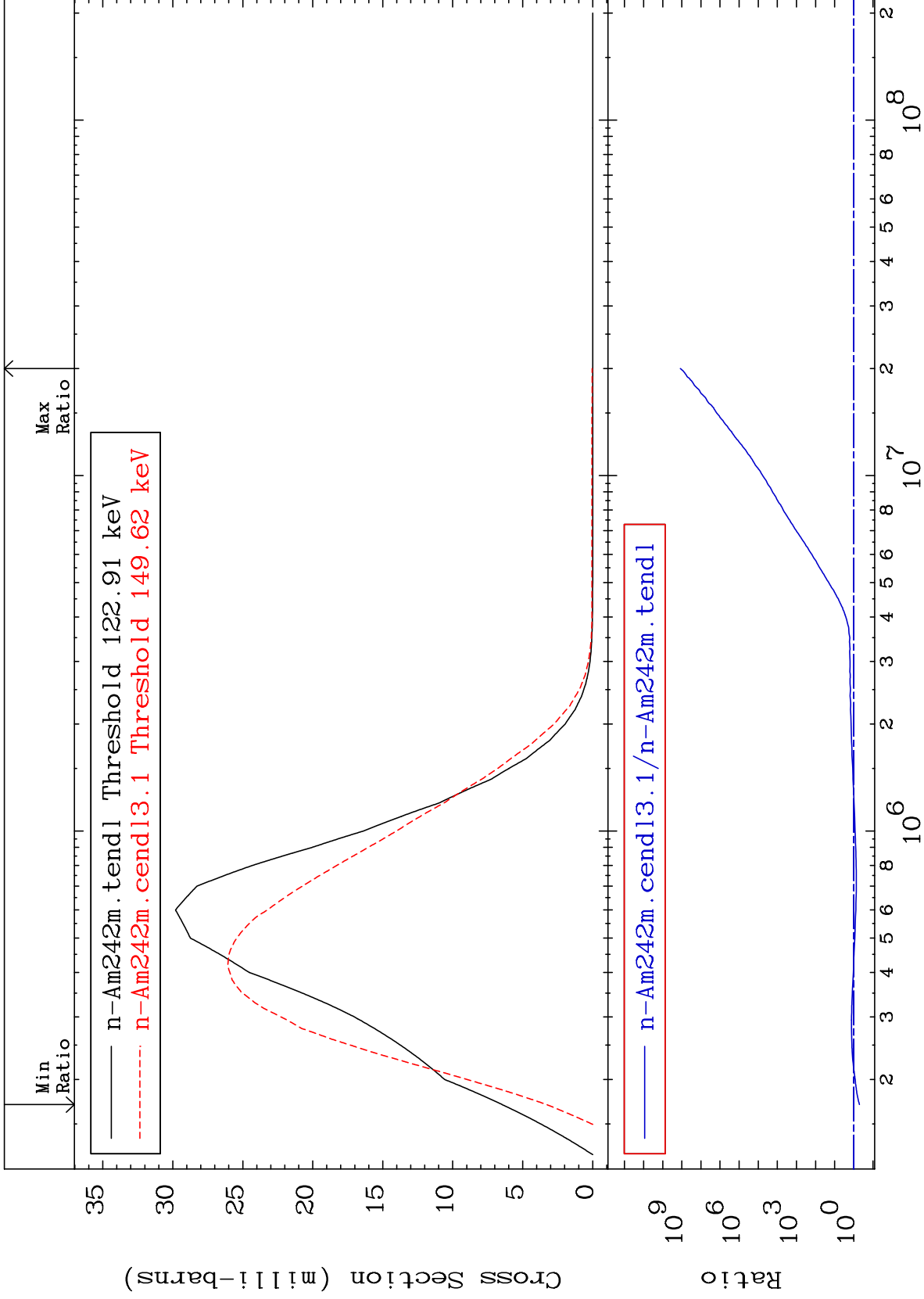
Incident Energy (eV)

95-Am-242

MAT 9547

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

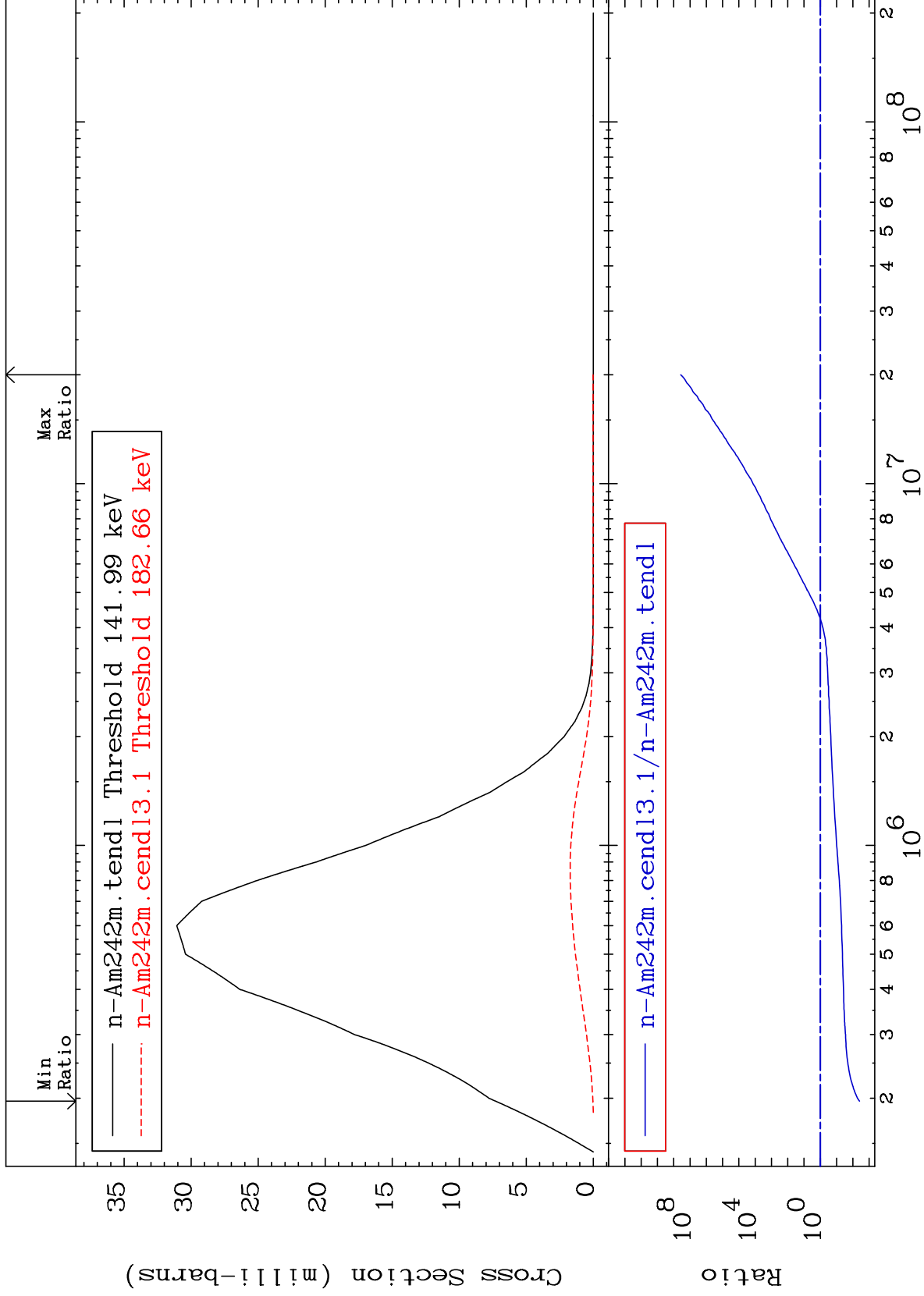
95-Am-242
-49.26 To 9999. %



MAT 9547

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

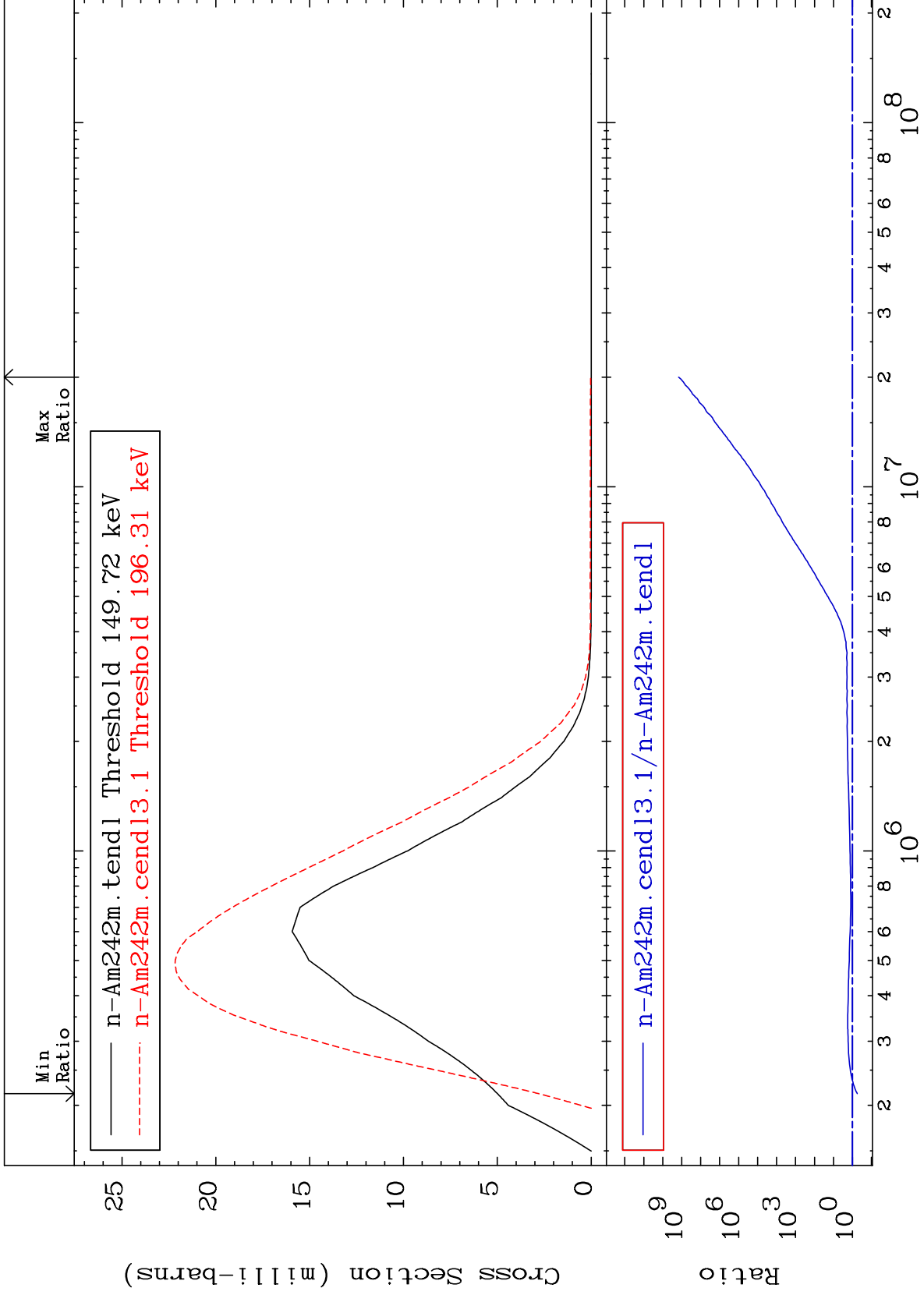
95-Am-242
-99.61 To 9999. %



MAT 9547

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

95-Am-242
-44.10 To 9999. %



17

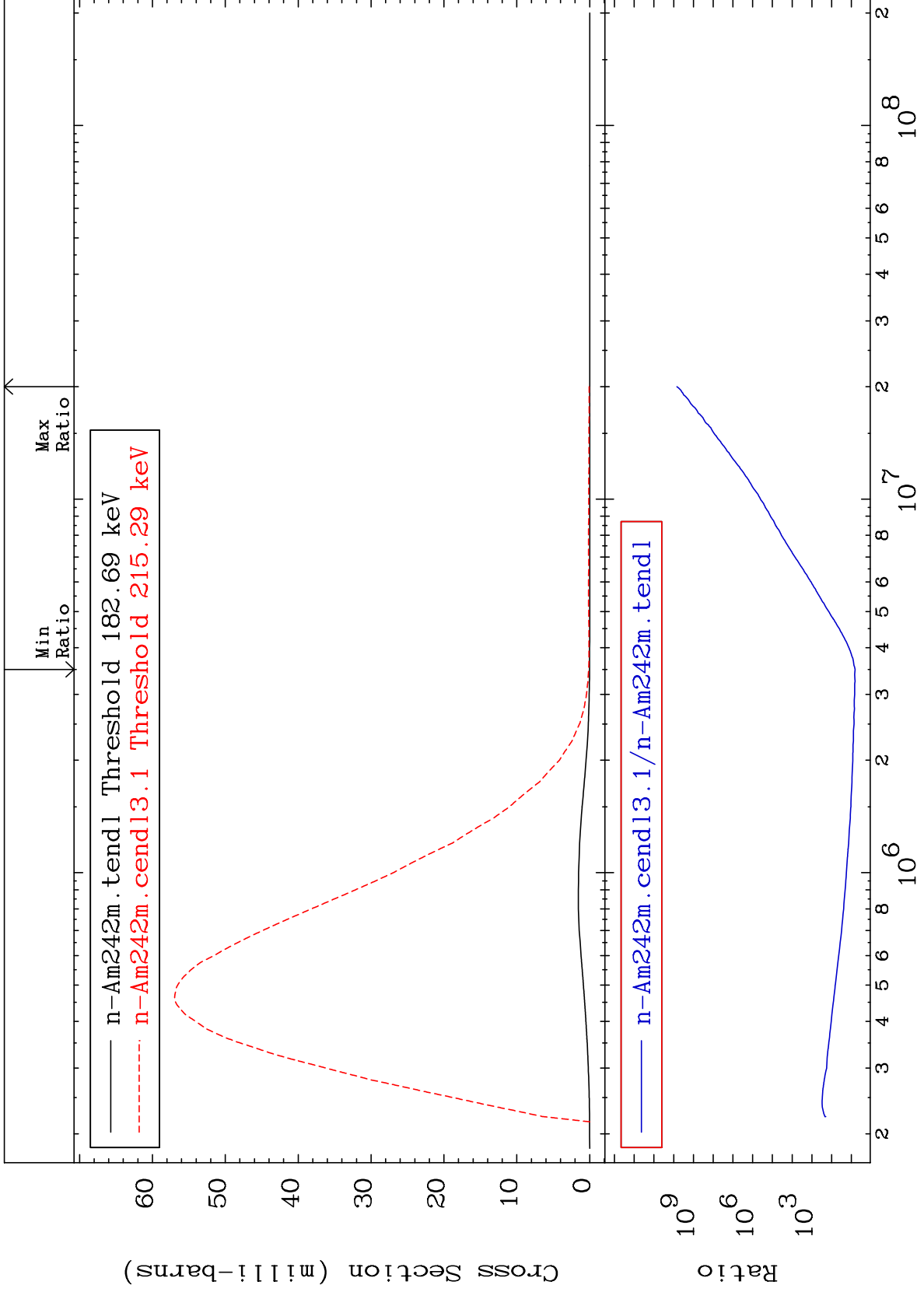
Incident Energy (eV)

95-Am-242

MAT 9547

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

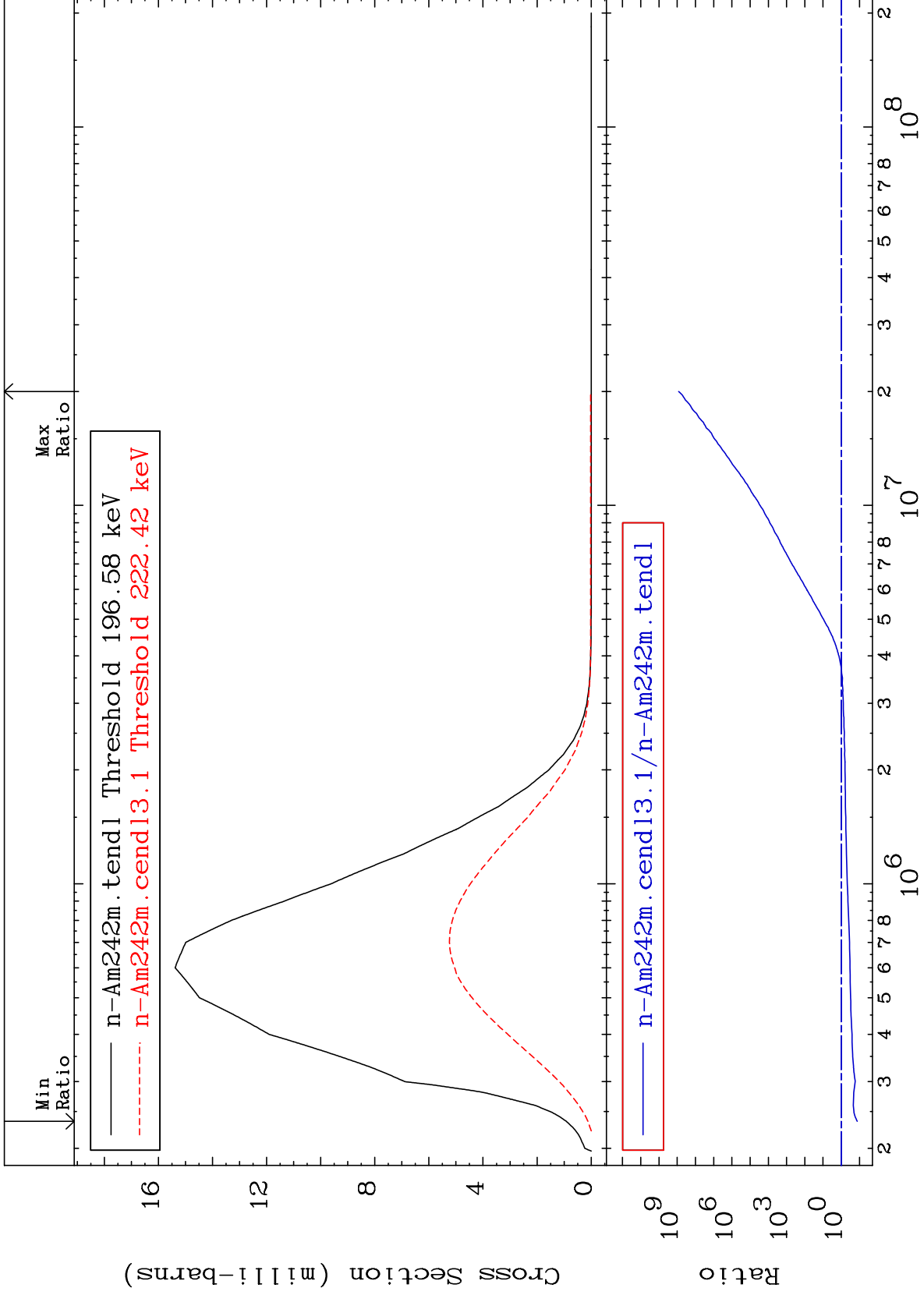
95-Am-242
546.4 To 9999. %



MAT 9547

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

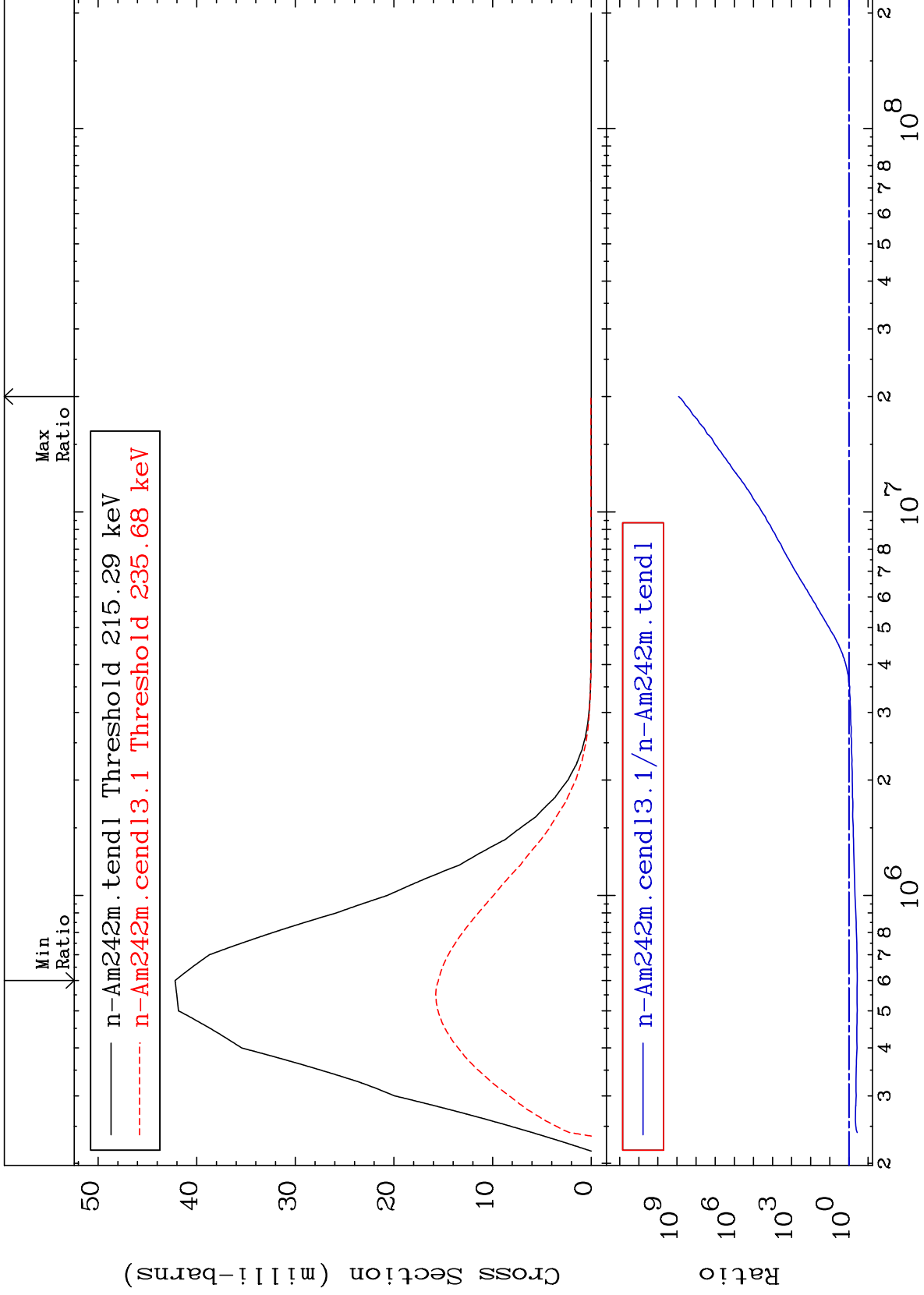
95-Am-242
-86.76 To 9999. %



MAT 9547

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

95-Am-242
-63.29 To 9999. %



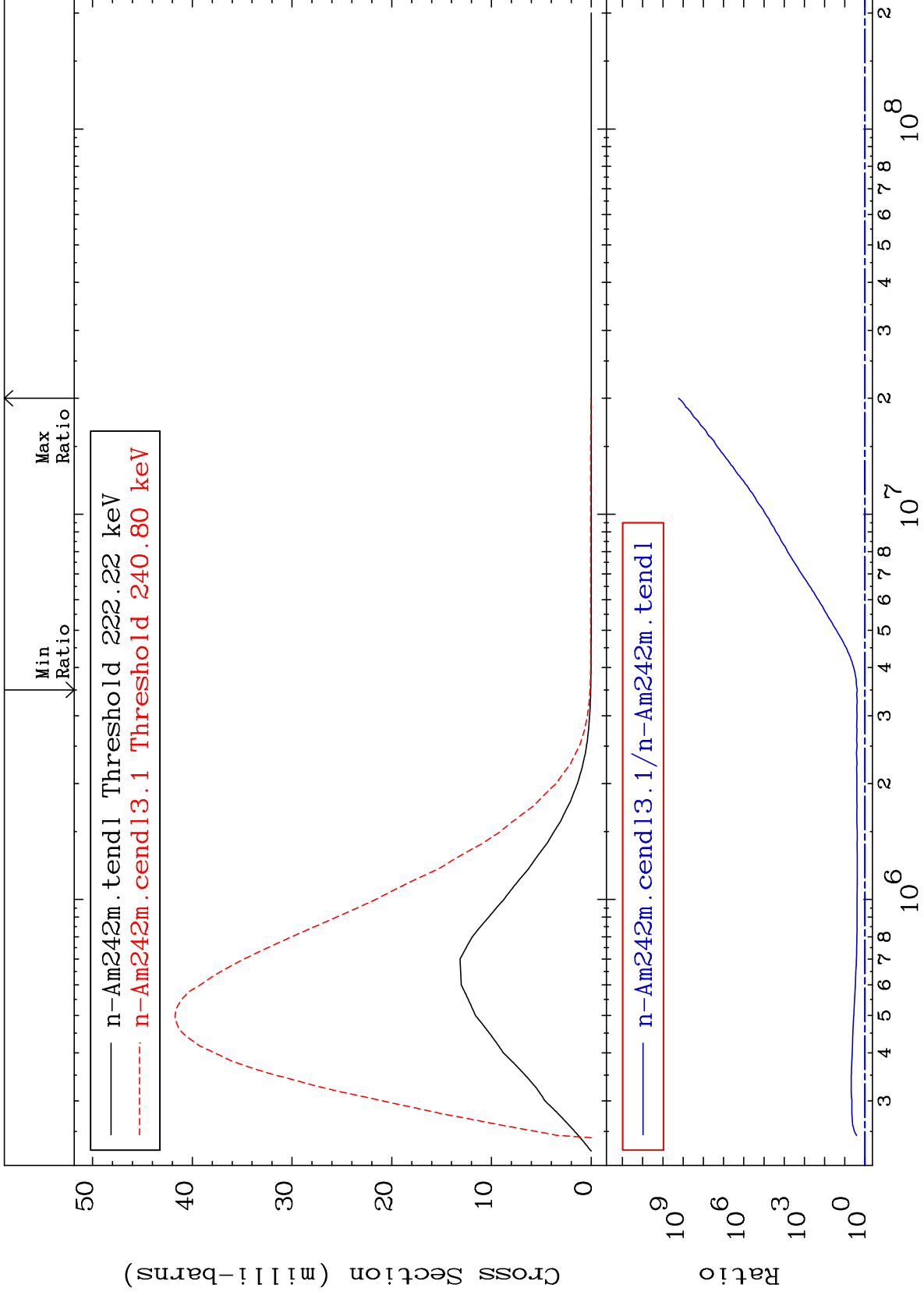
20

95-Am-242

MAT 9547

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

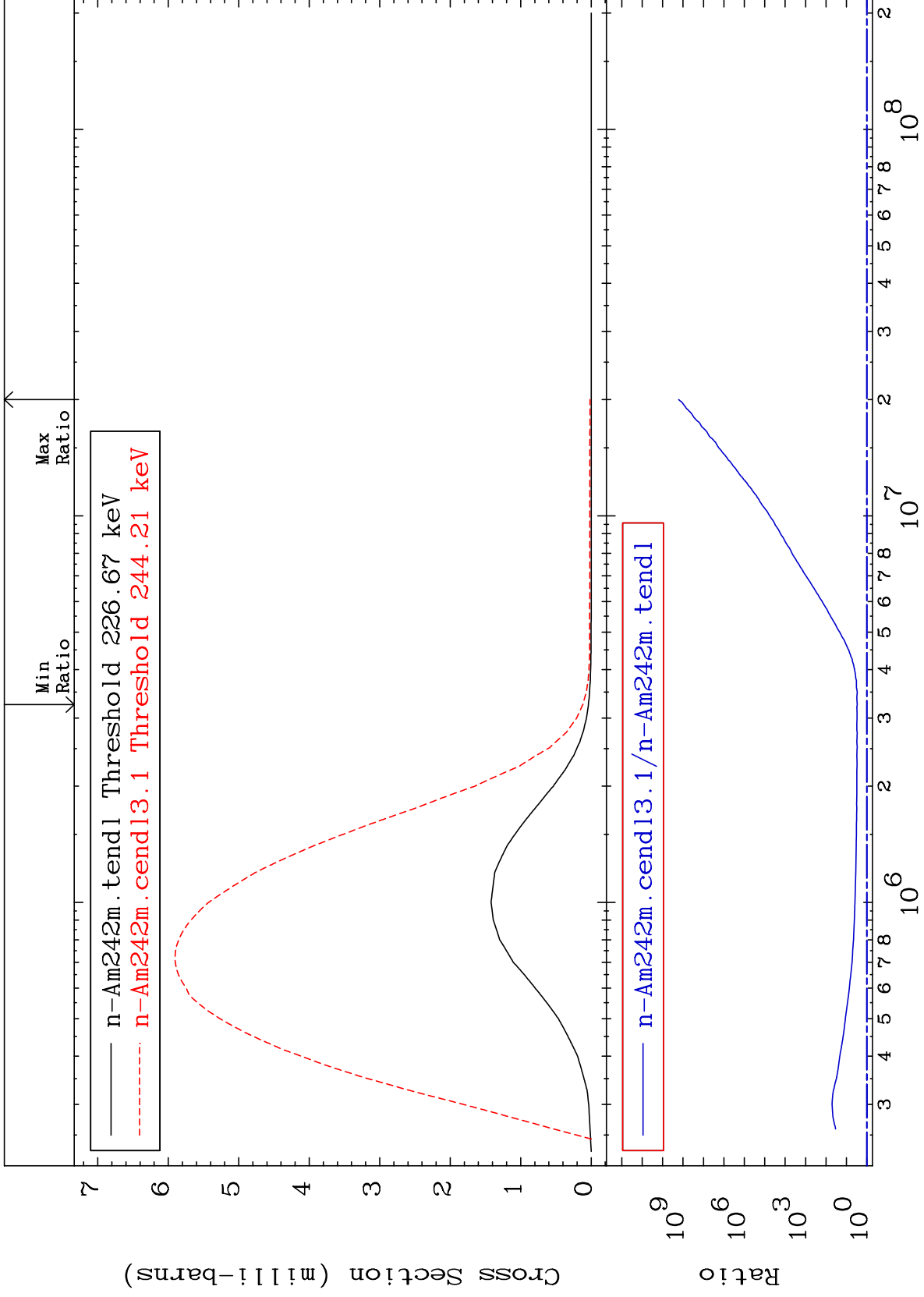
95-Am-242
142.9 To 9999. %



MAT 9547

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

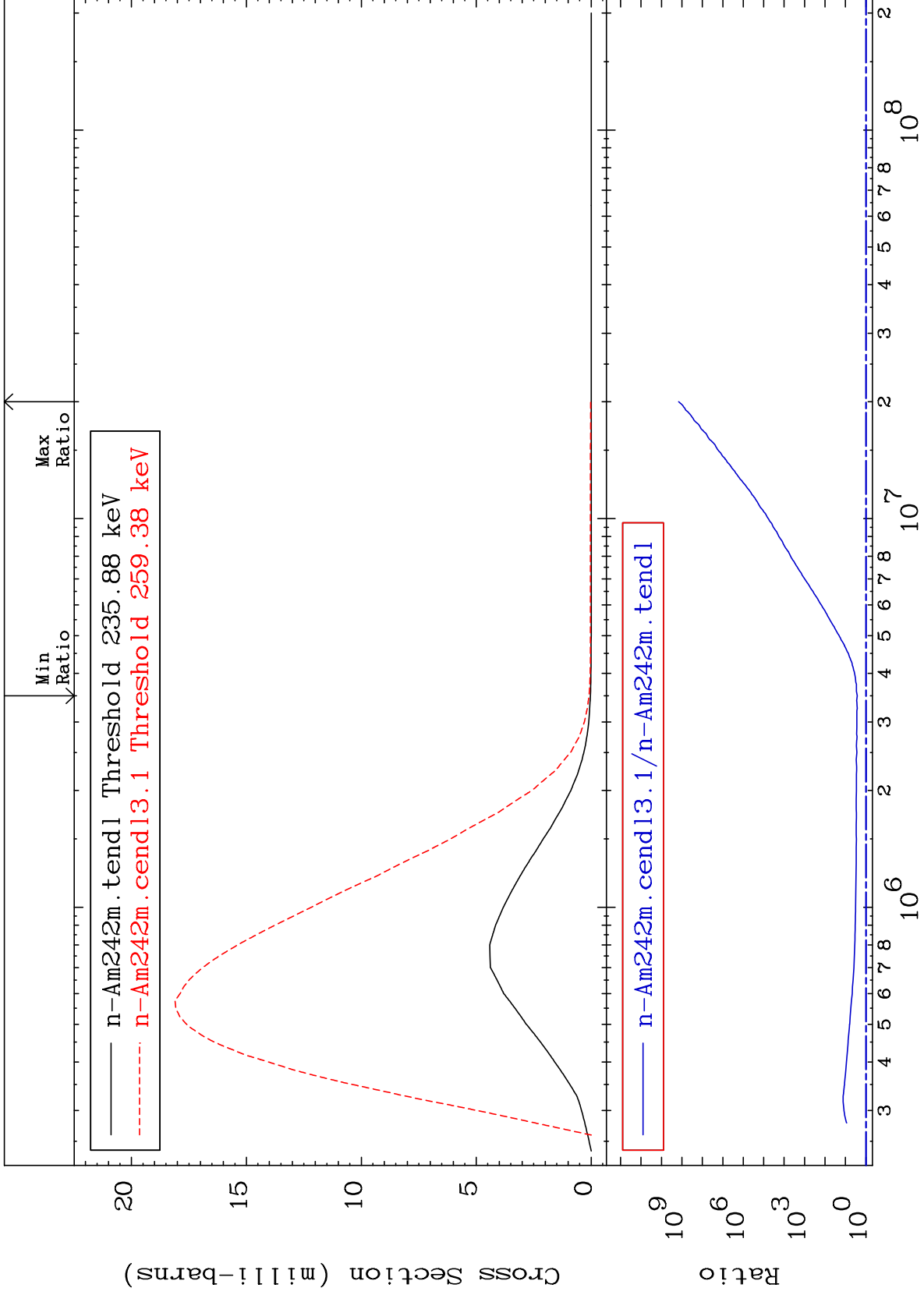
95-Am-242
195.6 To 9999. %



MAT 9547

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

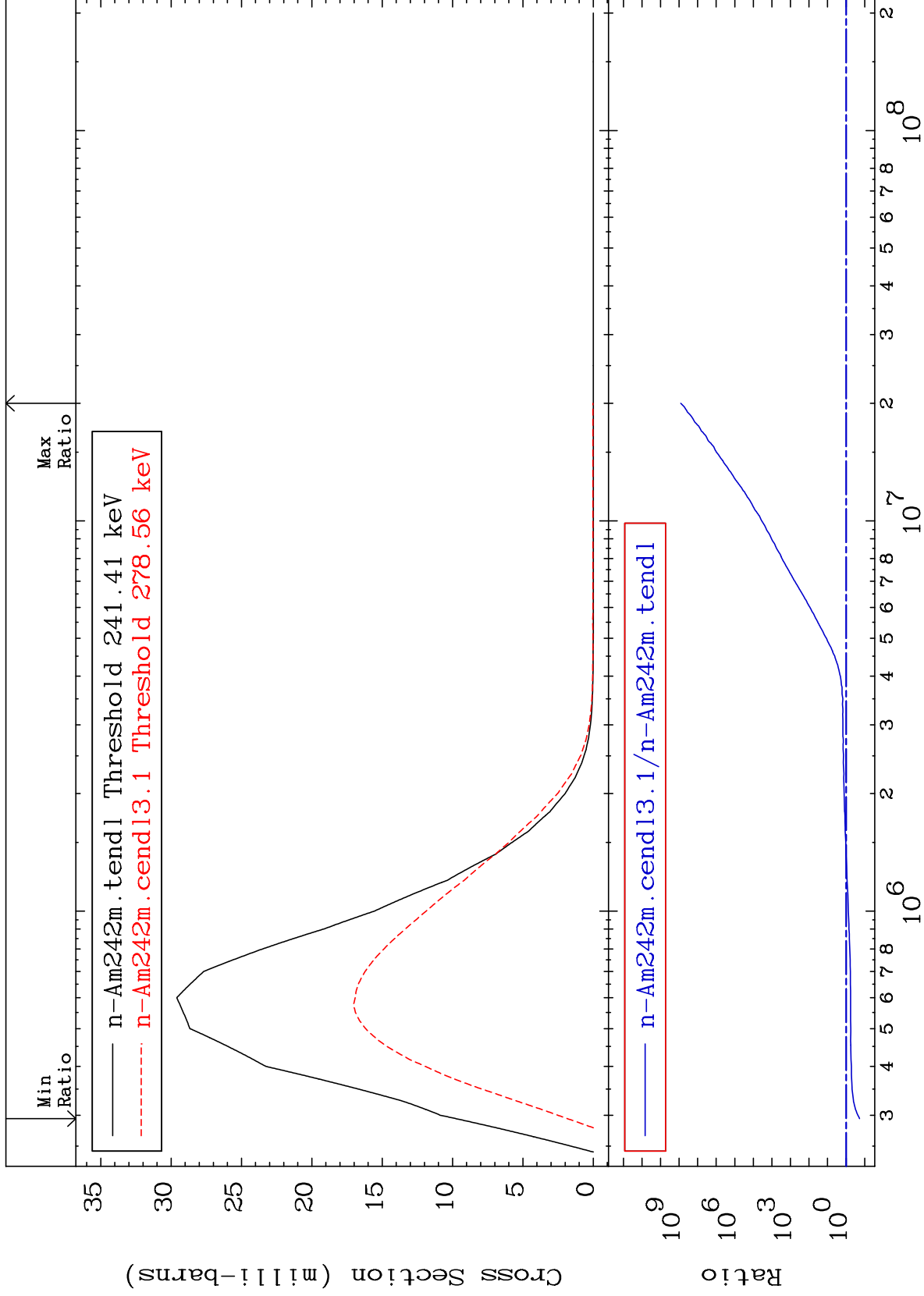
95-Am-242
164.6 To 9999. %



MAT 9547

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

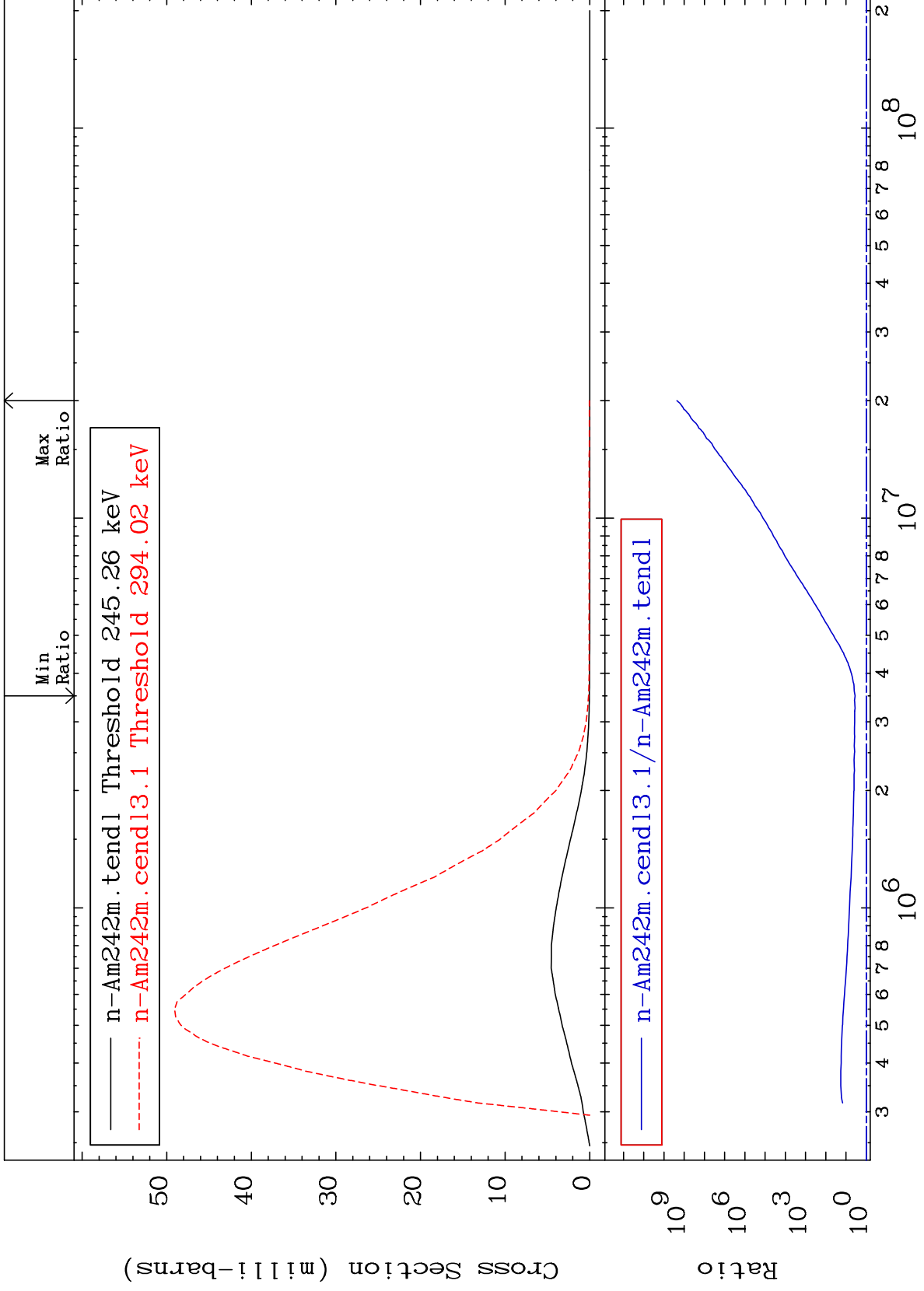
95-Am-242
-81.08 To 9999. %



MAT 9547

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

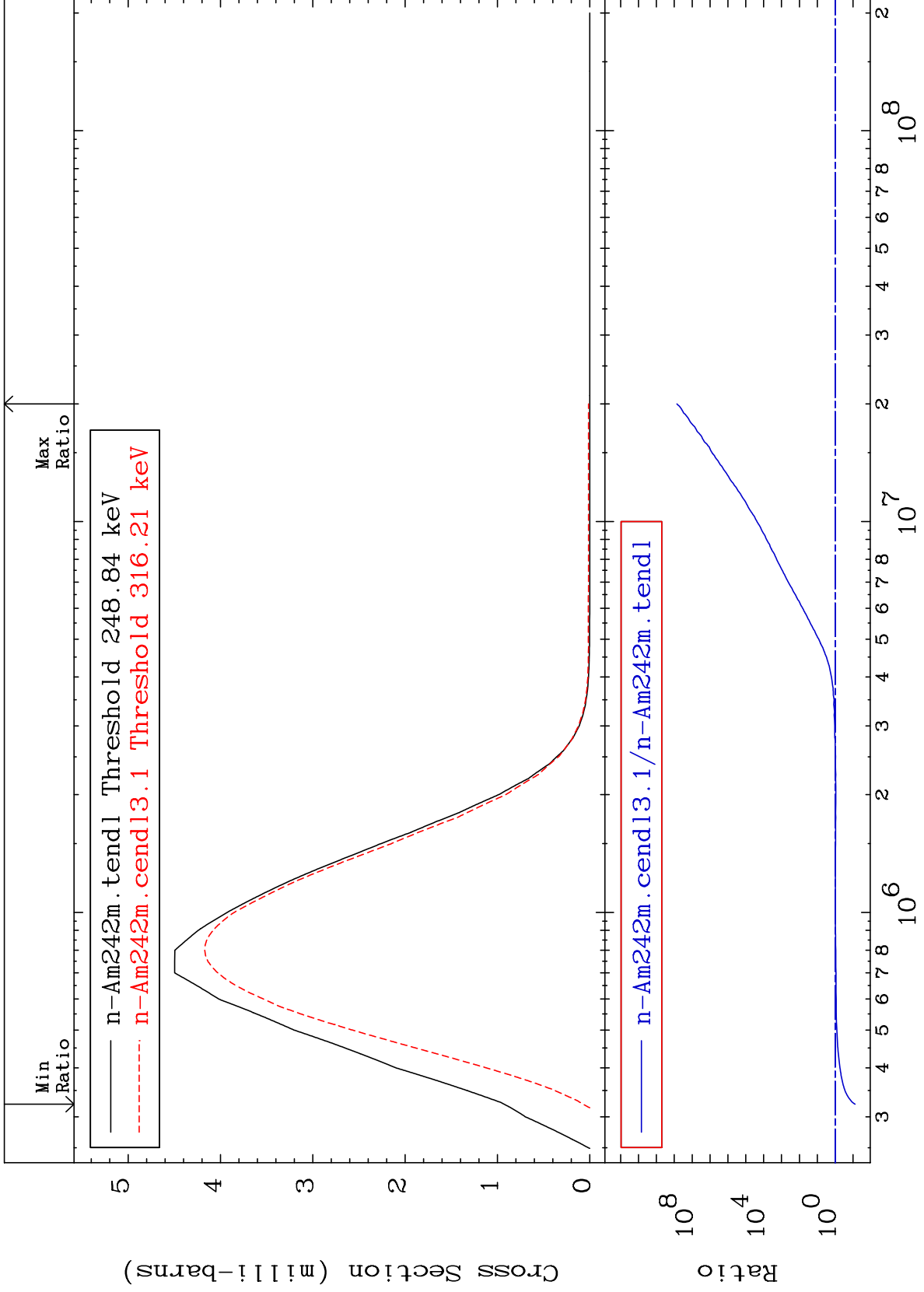
95-Am-242
254.5 To 9999. %



MAT 9547

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

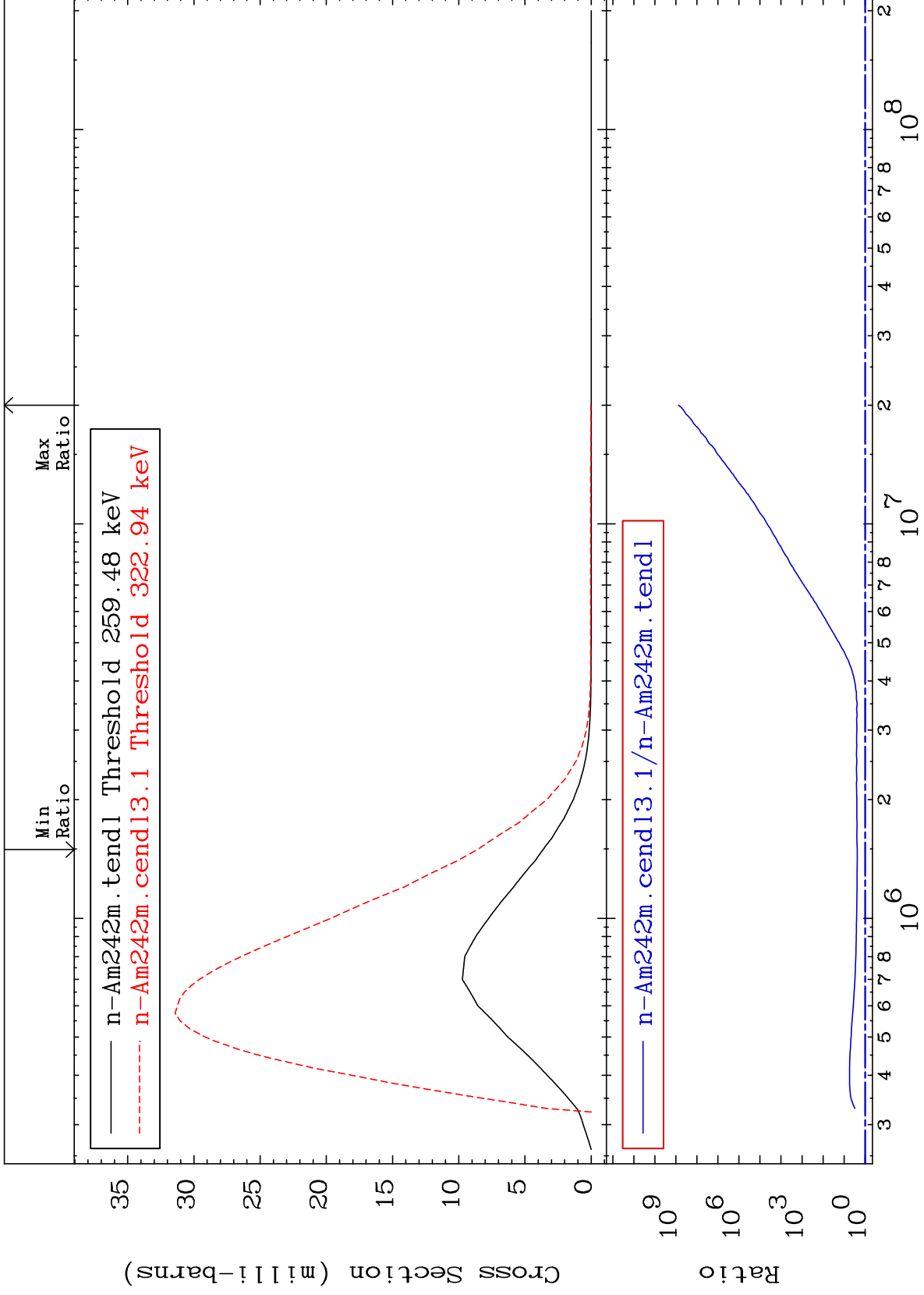
95-Am-242
-92.34 To 9999. %



MAT 9547

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

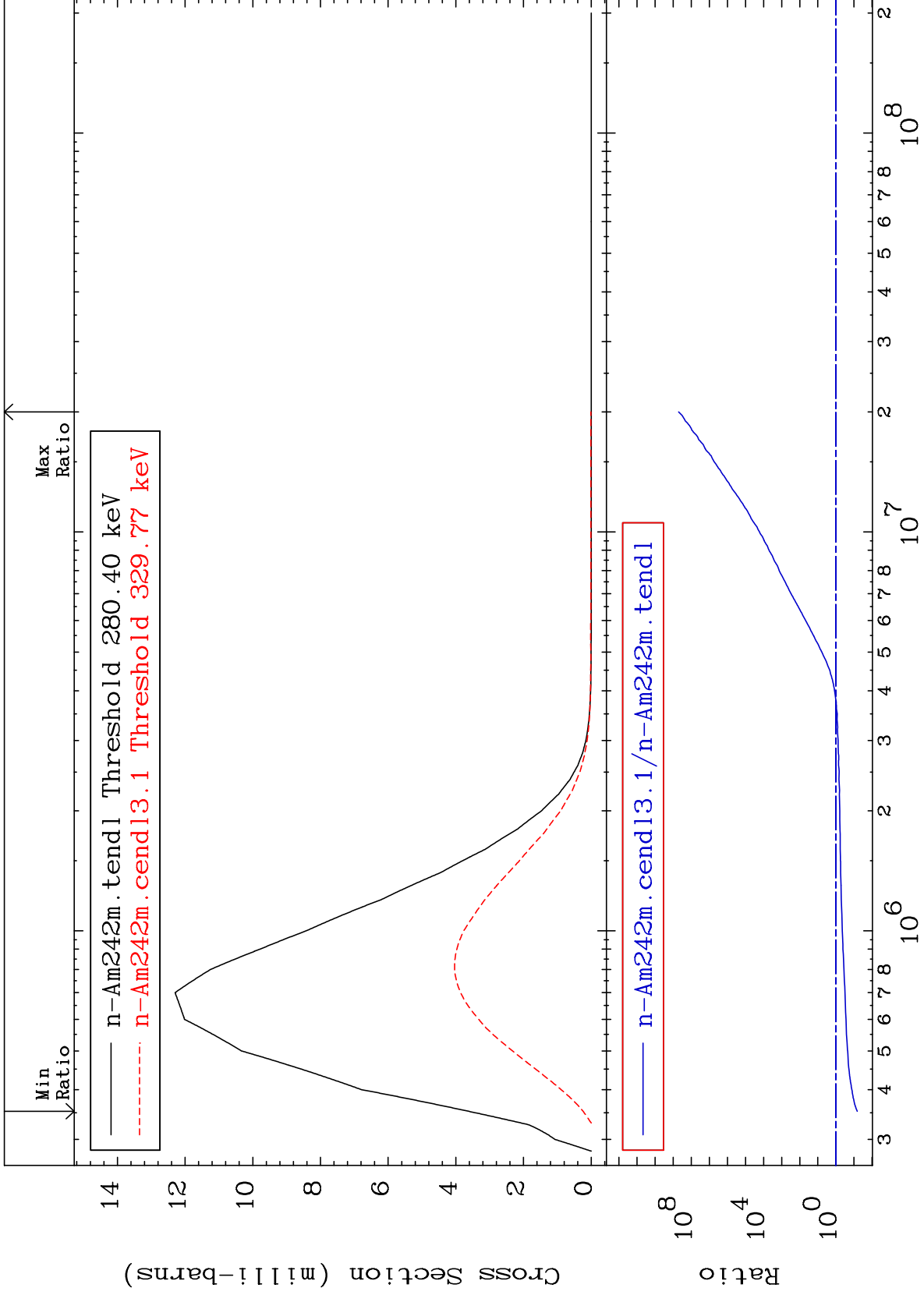
95-Am-242
136.1 To 9999. %



MAT 9547

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

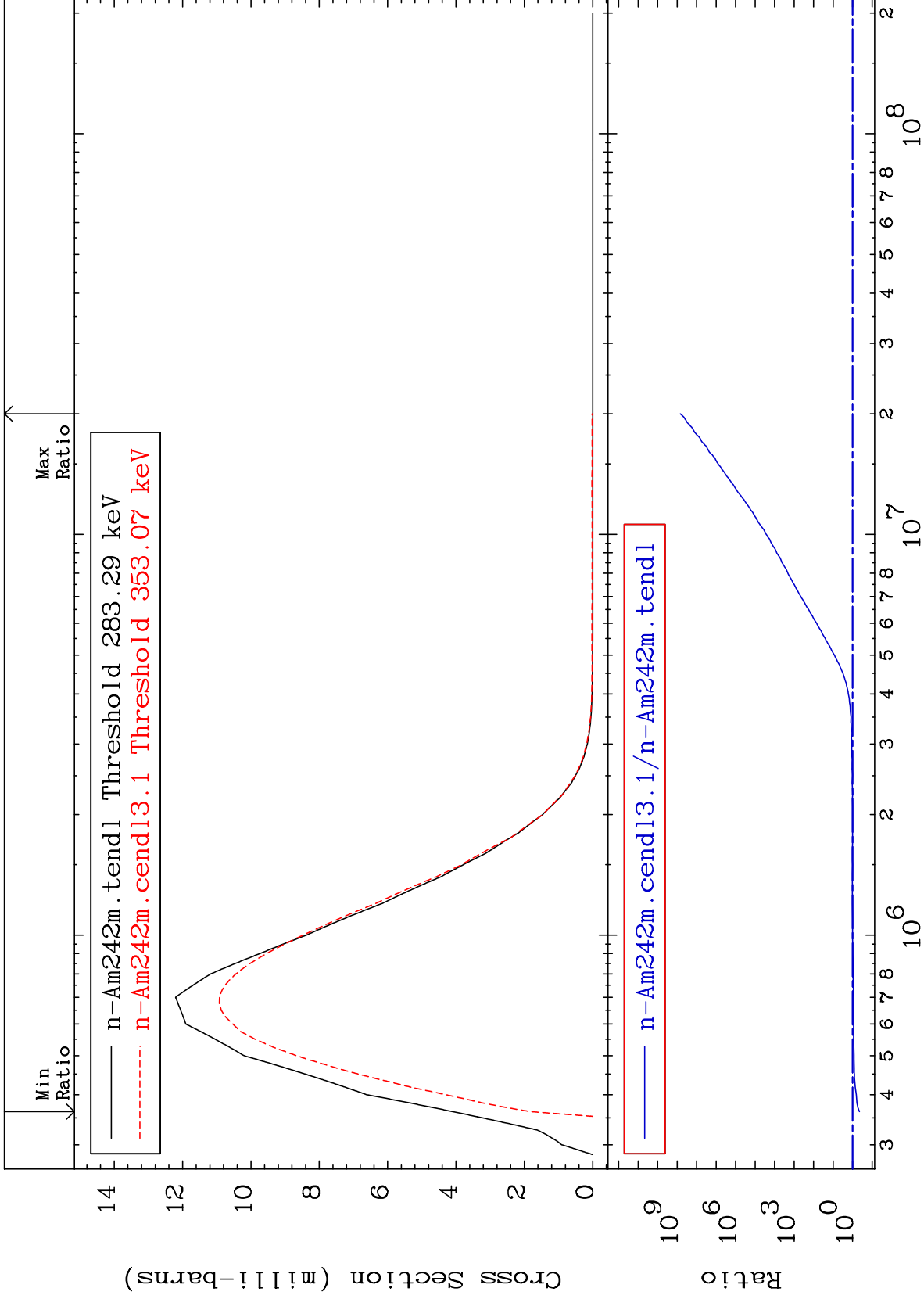
95-Am-242
-93.39 To 9999. %



MAT 9547

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

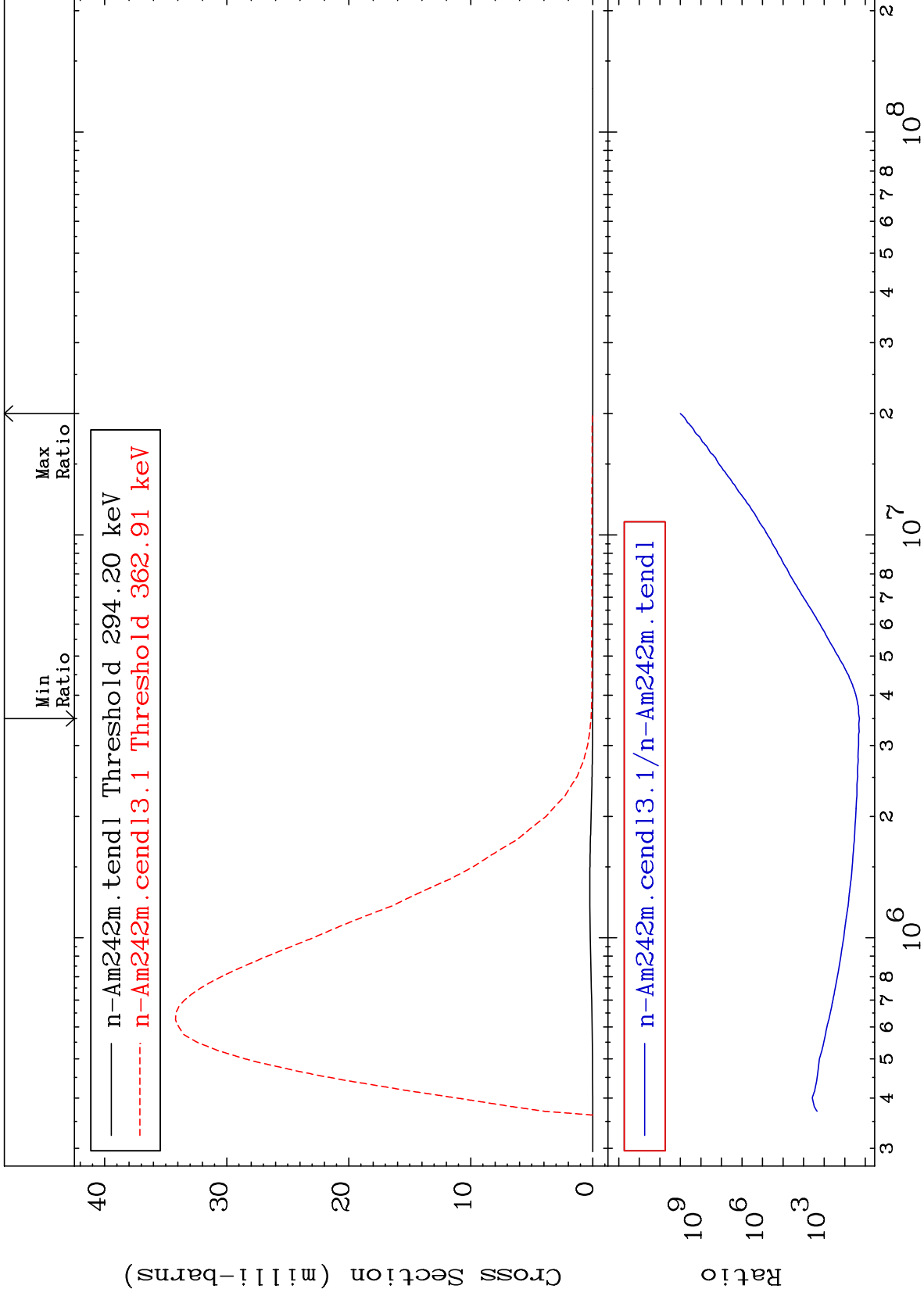
95-Am-242
-55.31 To 9999. %



MAT 9547

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

95-Am-242
1826. To 9999. %



30

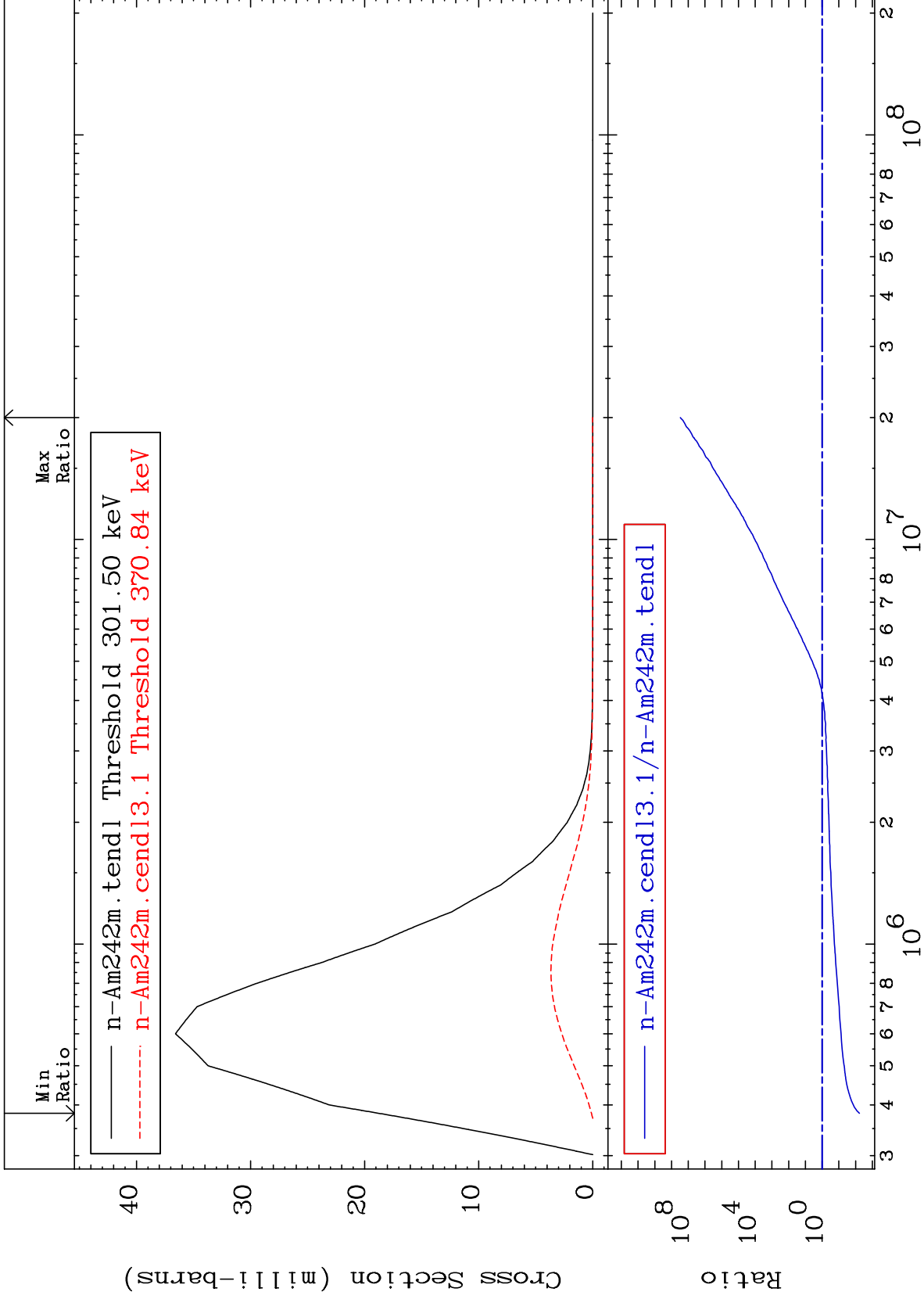
Incident Energy (eV)

95-Am-242

MAT 9547

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

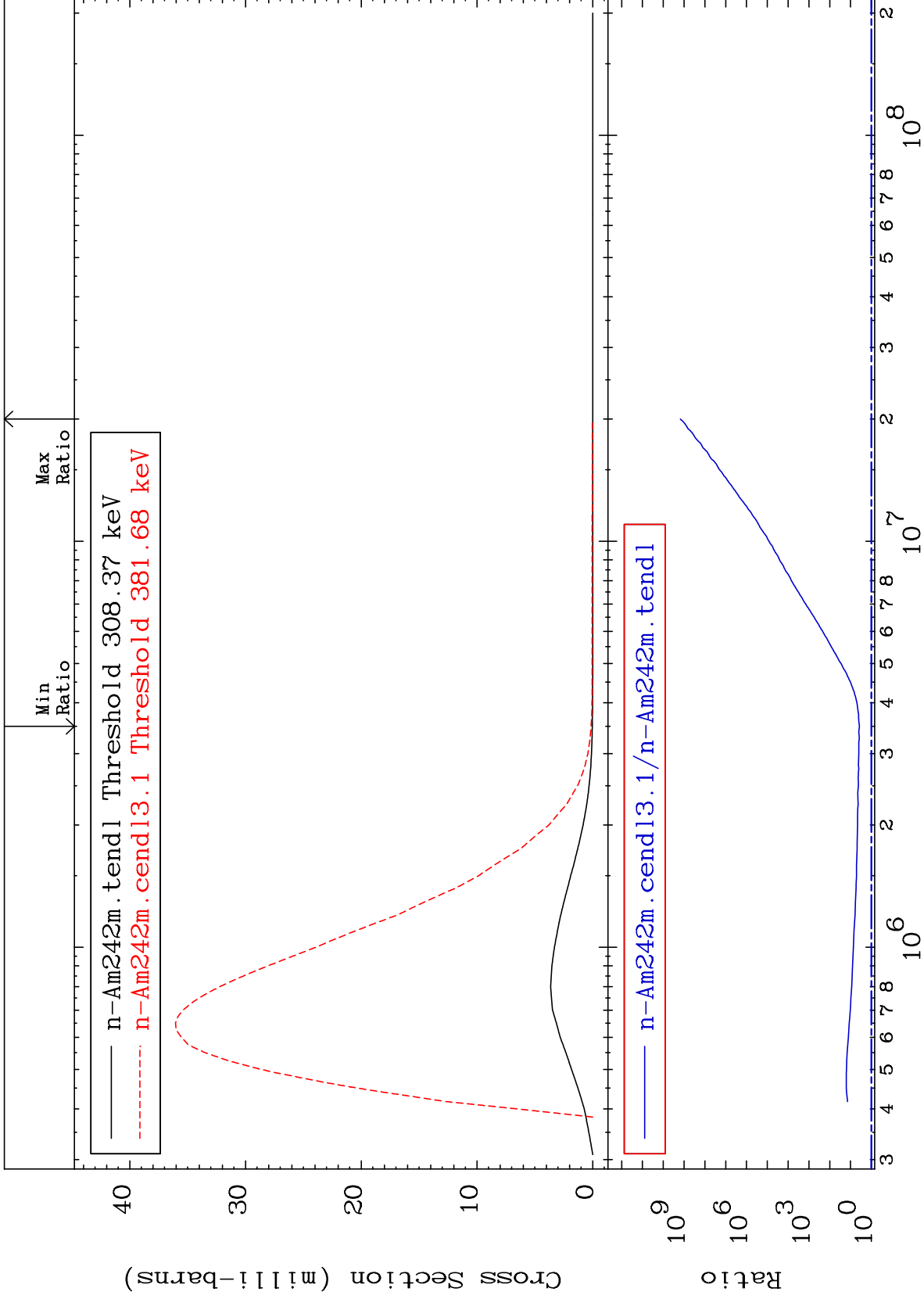
95-Am-242
-99.41 To 9999. %



MAT 9547

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

95-Am-242
273.2 To 9999. %



32

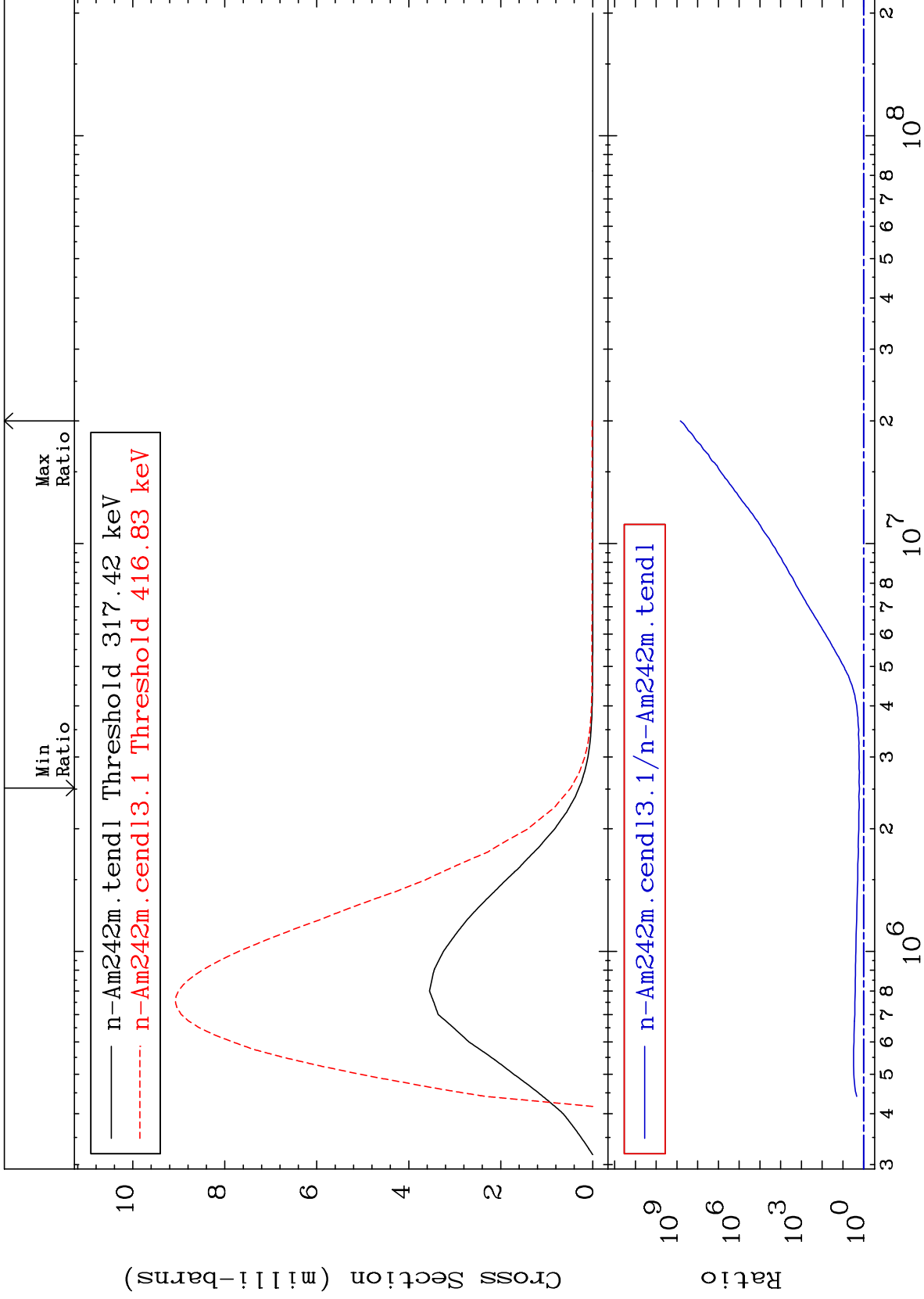
Incident Energy (eV)

95-Am-242

MAT 9547

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

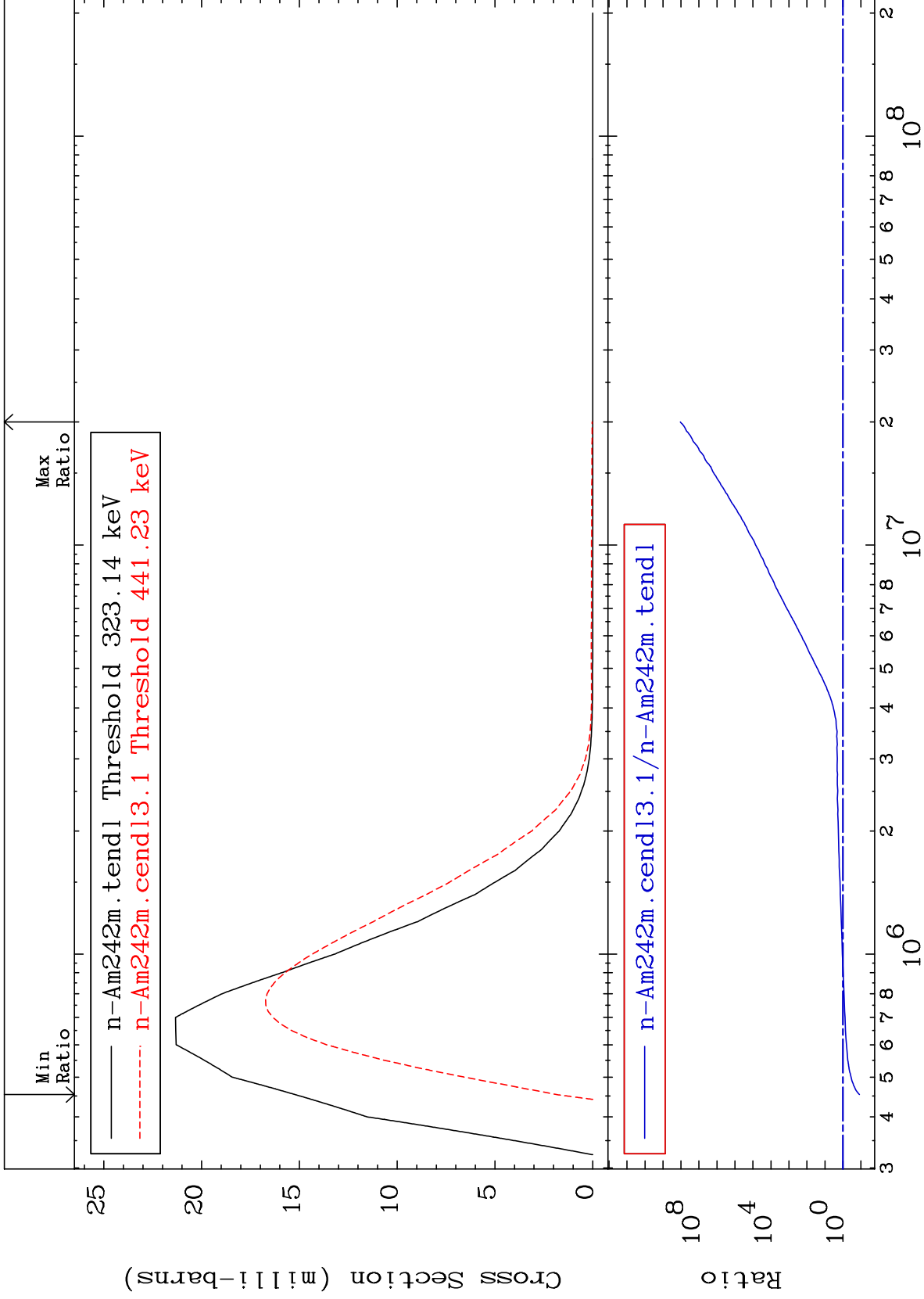
95-Am-242
58.94 To 9999. %



MAT 9547

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

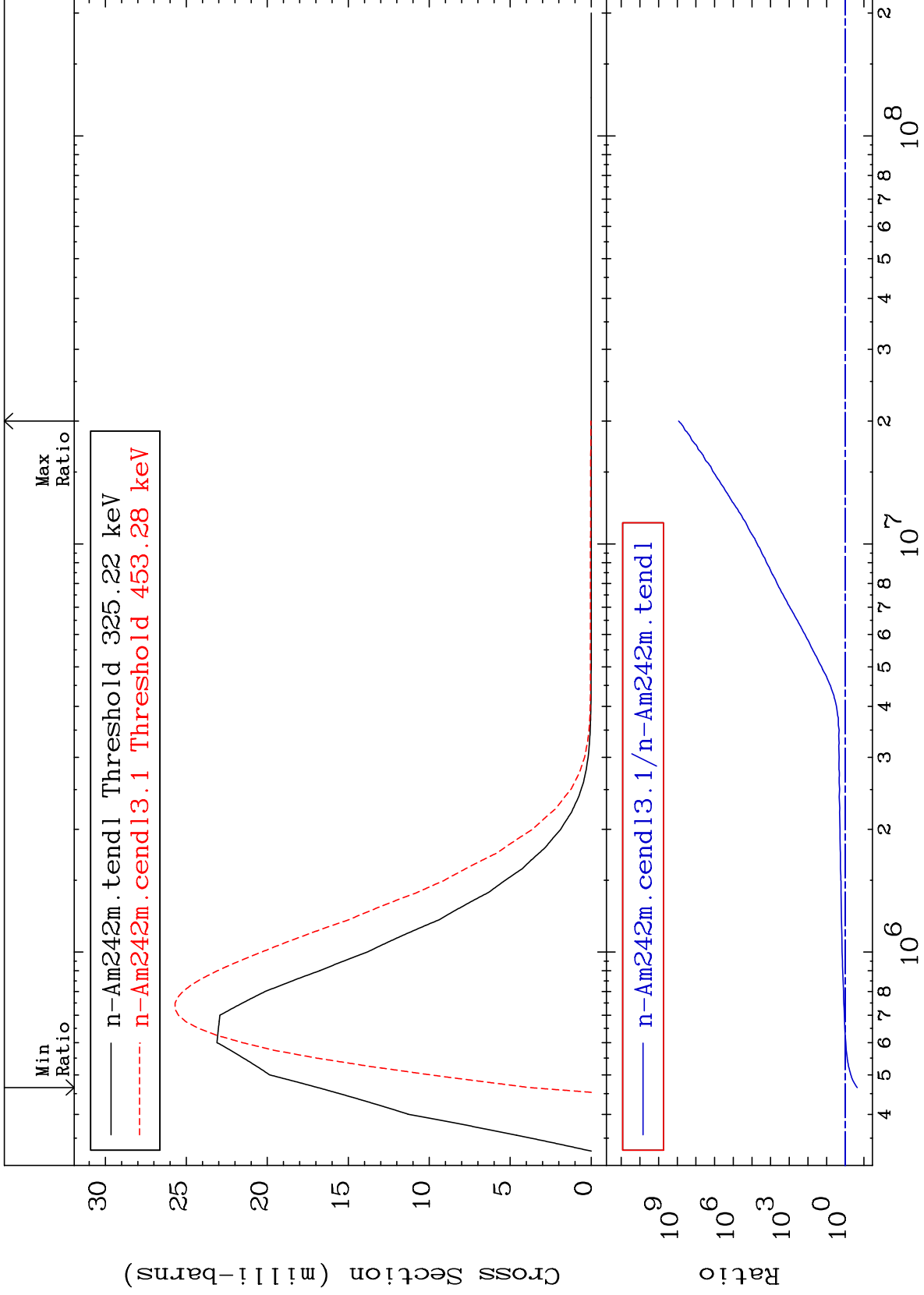
95-Am-242
-87.80 To 9999. %

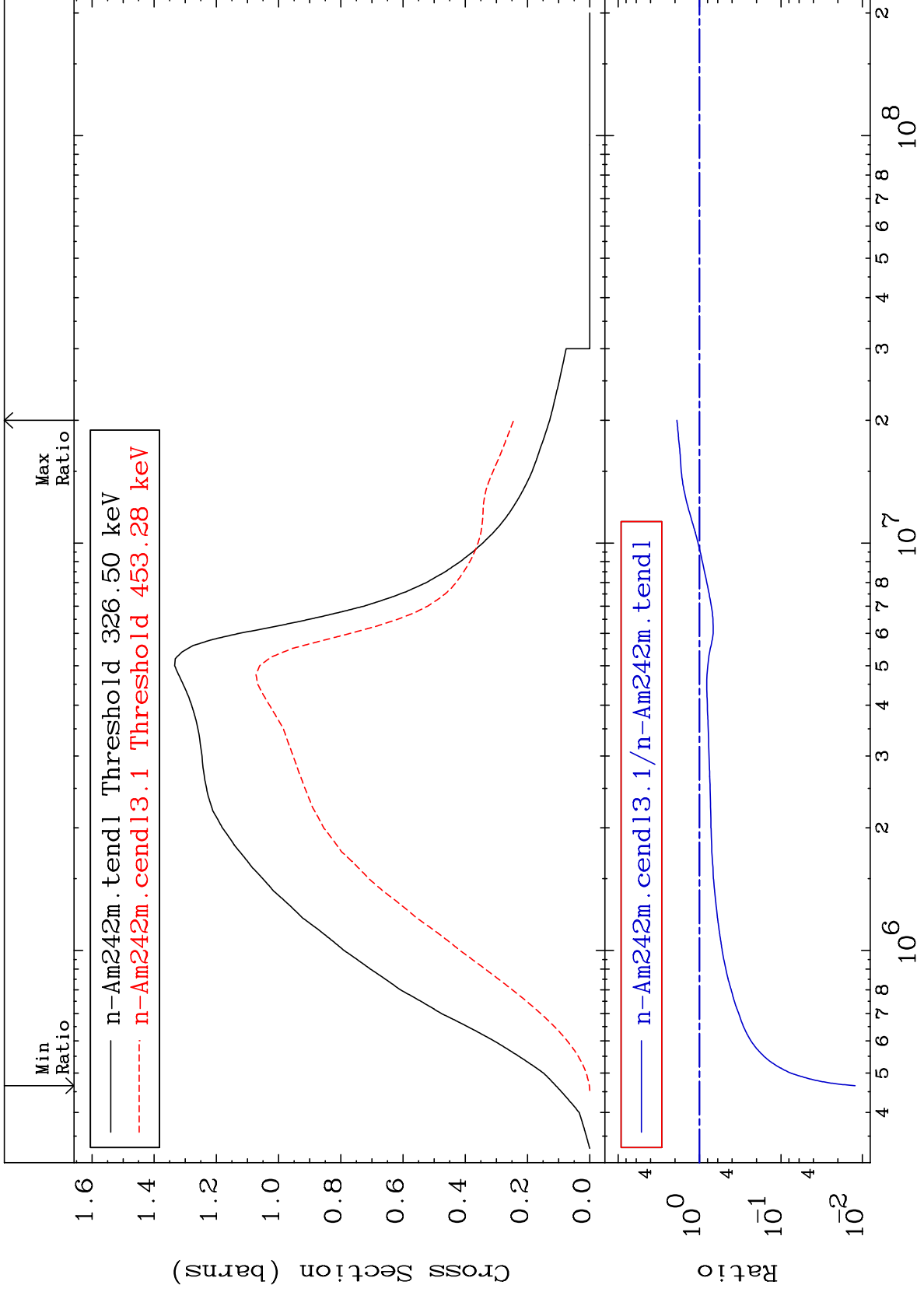


MAT 9547

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

95-Am-242
-77.23 To 9999. %

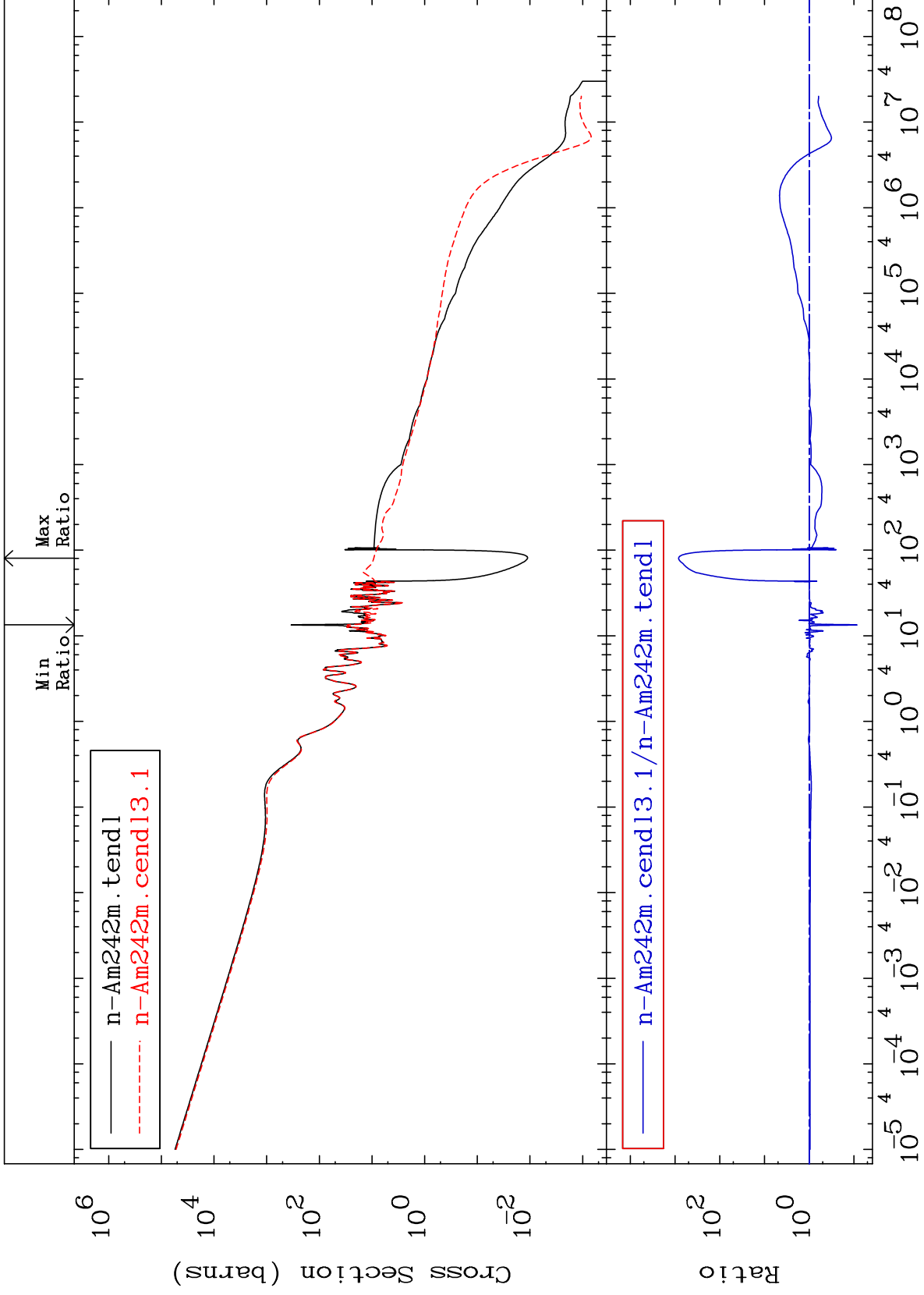




MAT 9547

95-Am-242
-91.56 To 9999. %

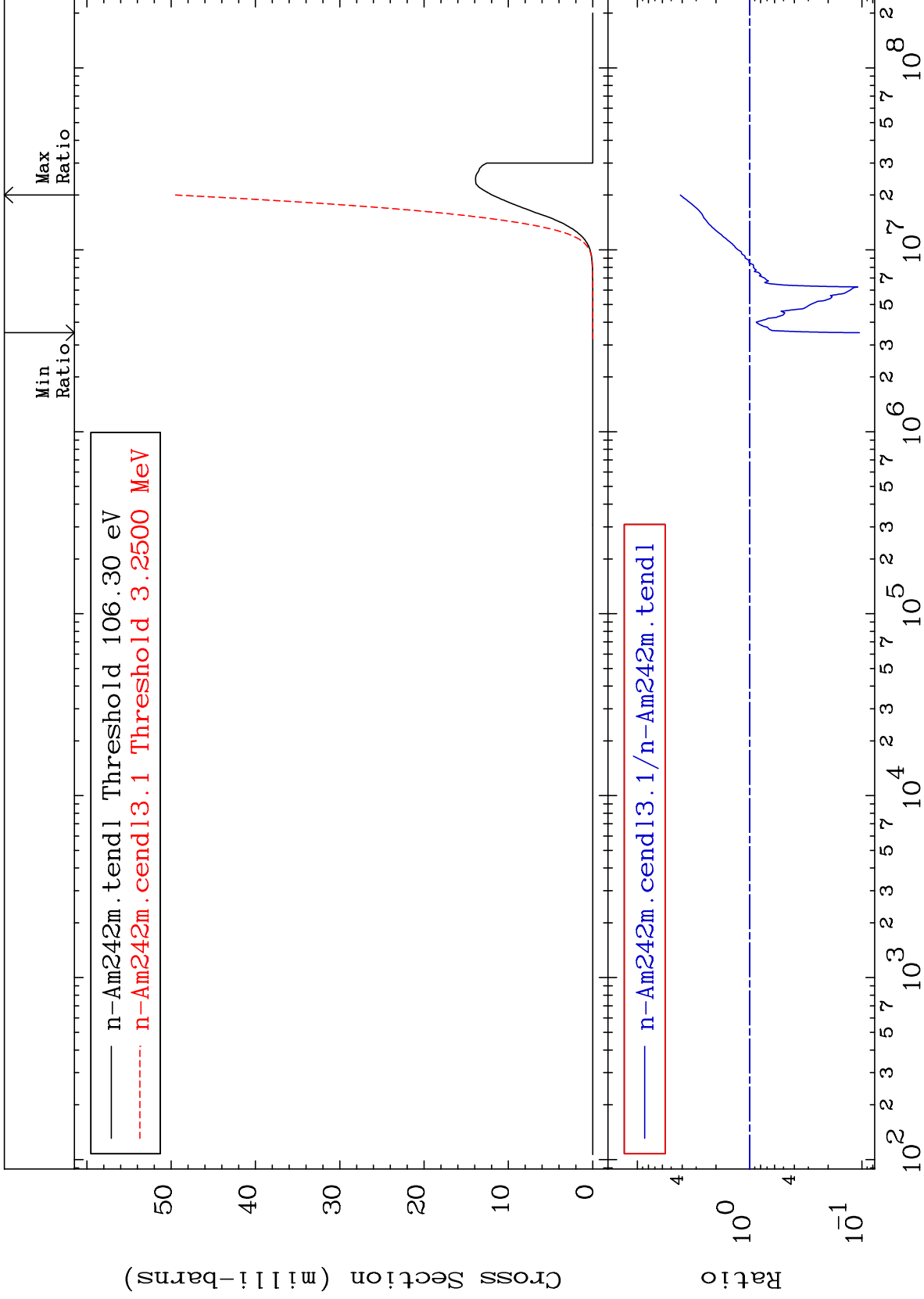
(n, γ)
Cross Section



MAT 9547

(n,p)
Cross Section

95-Am-242
-89.47 To 314.6 %

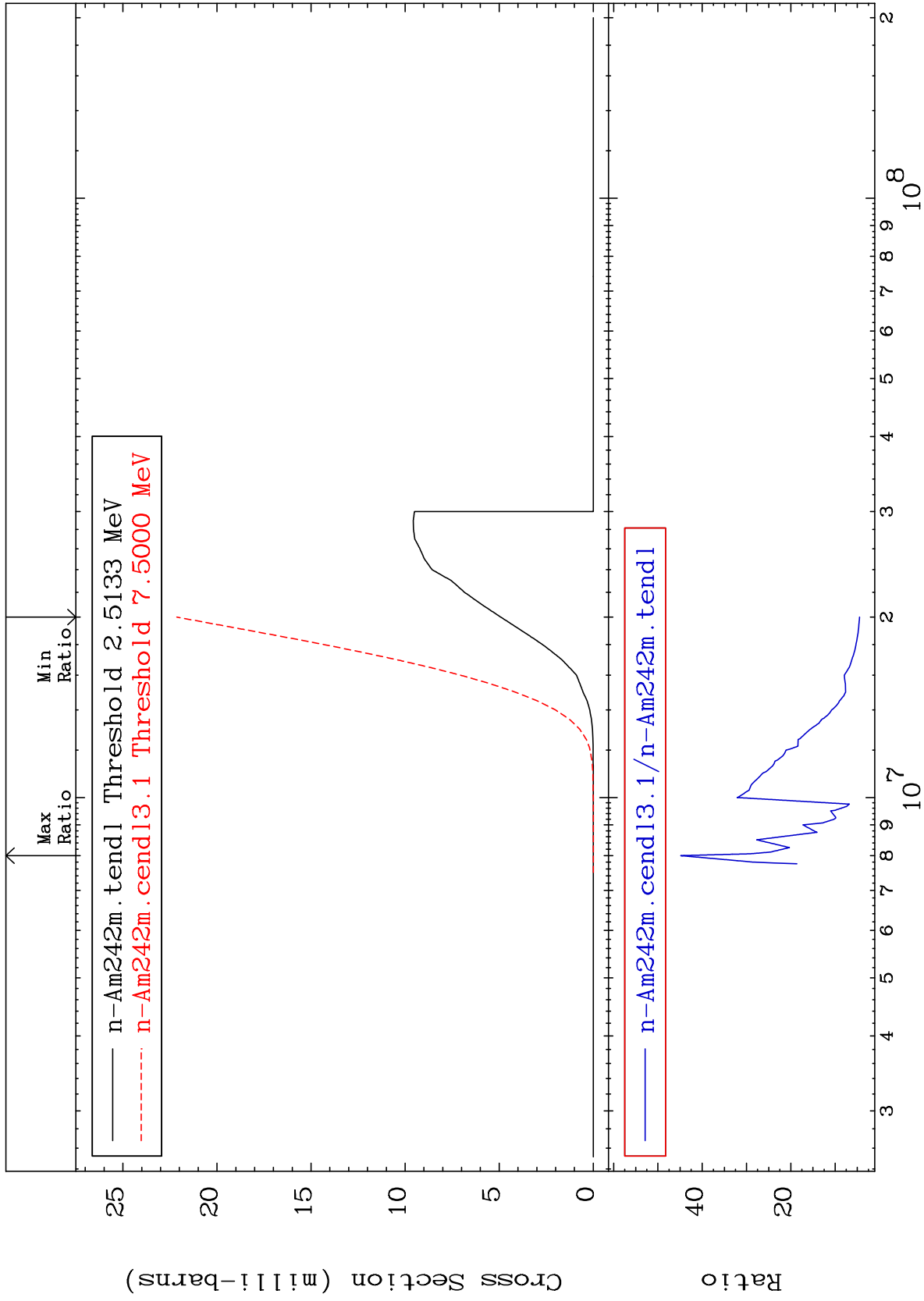


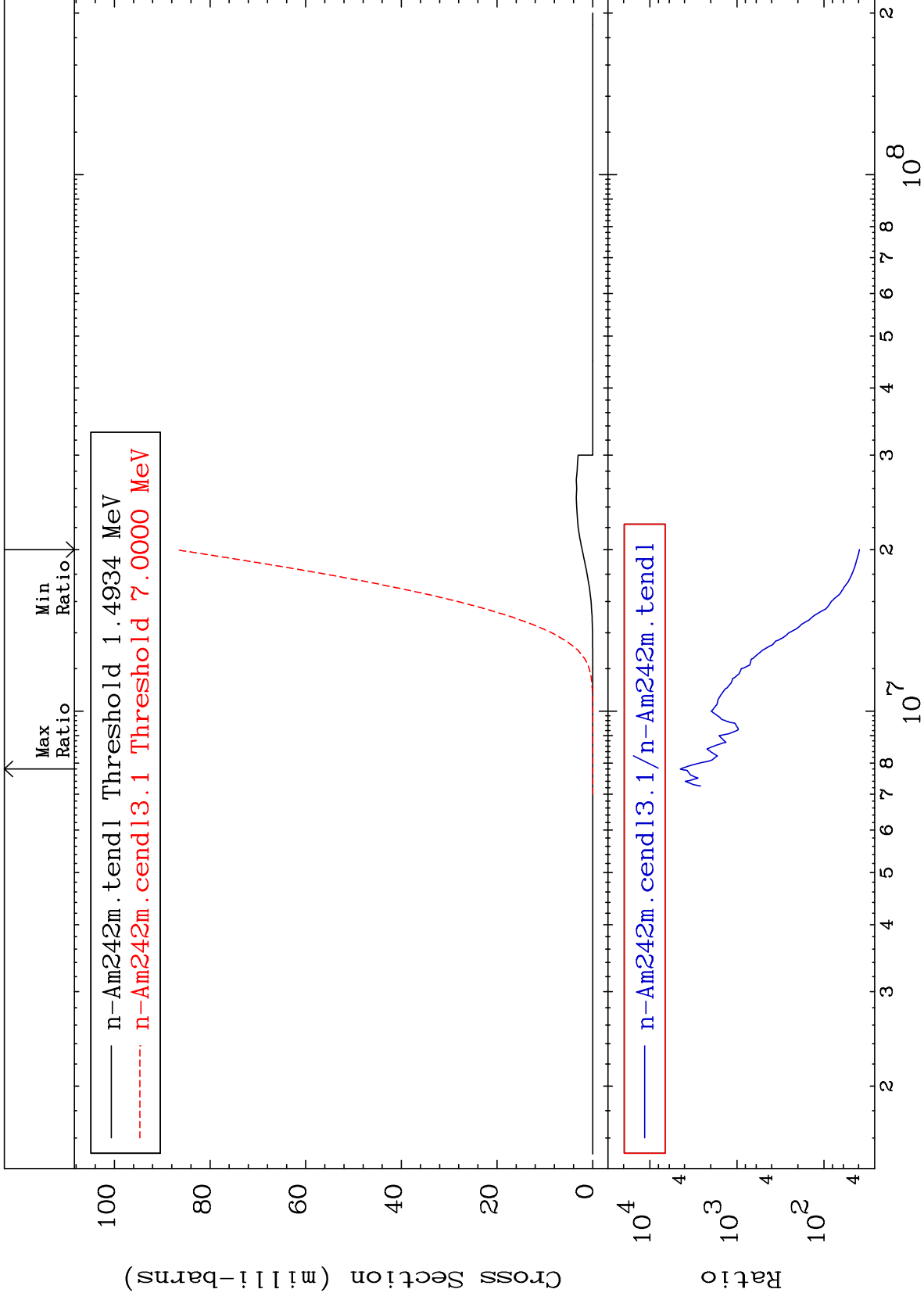
MAT 9547

95-Am-242

350.0 To 4384. %

(n, d)
Cross Section





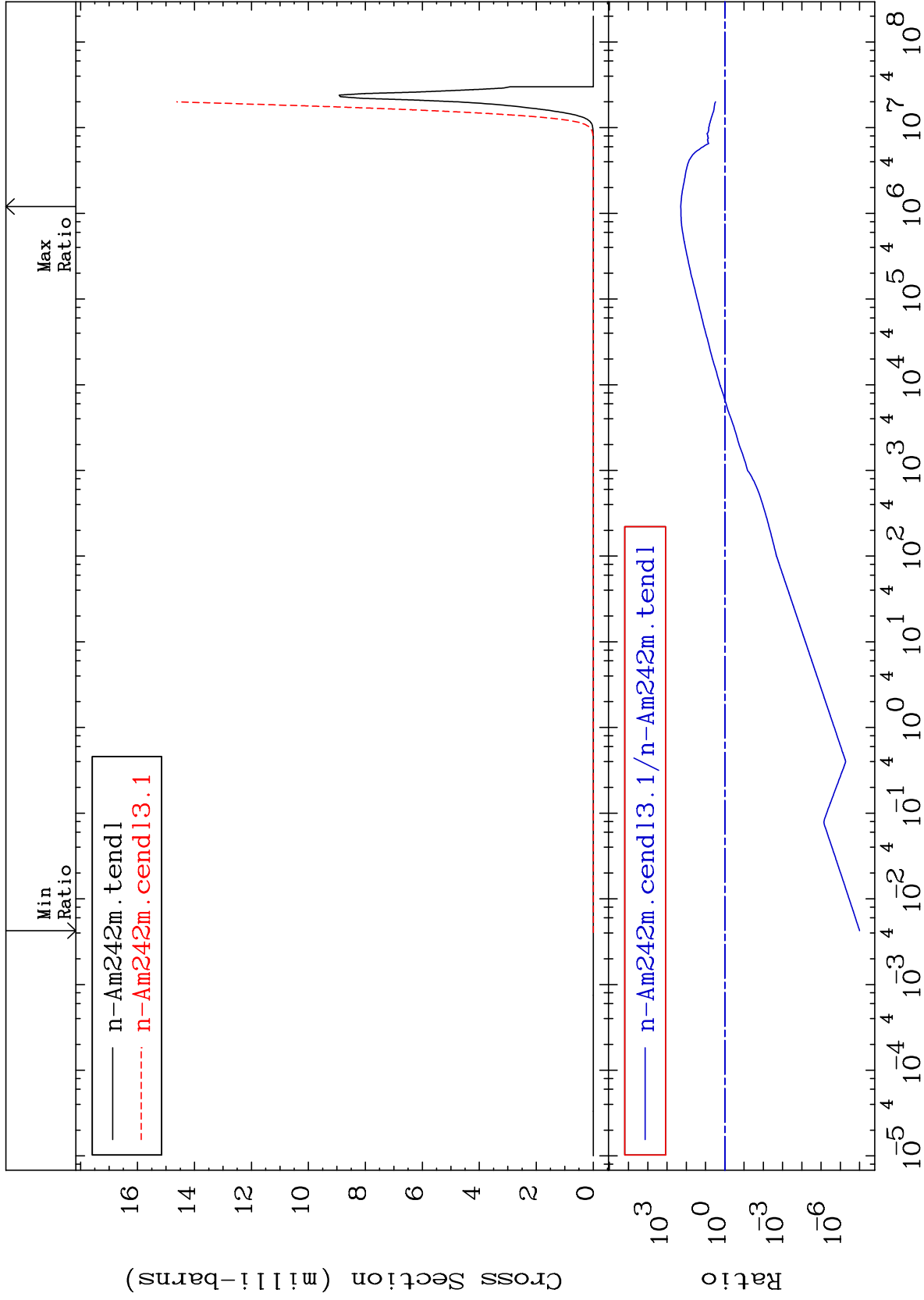
MAT 9547

(n, α)

95-Am-242

Cross Section

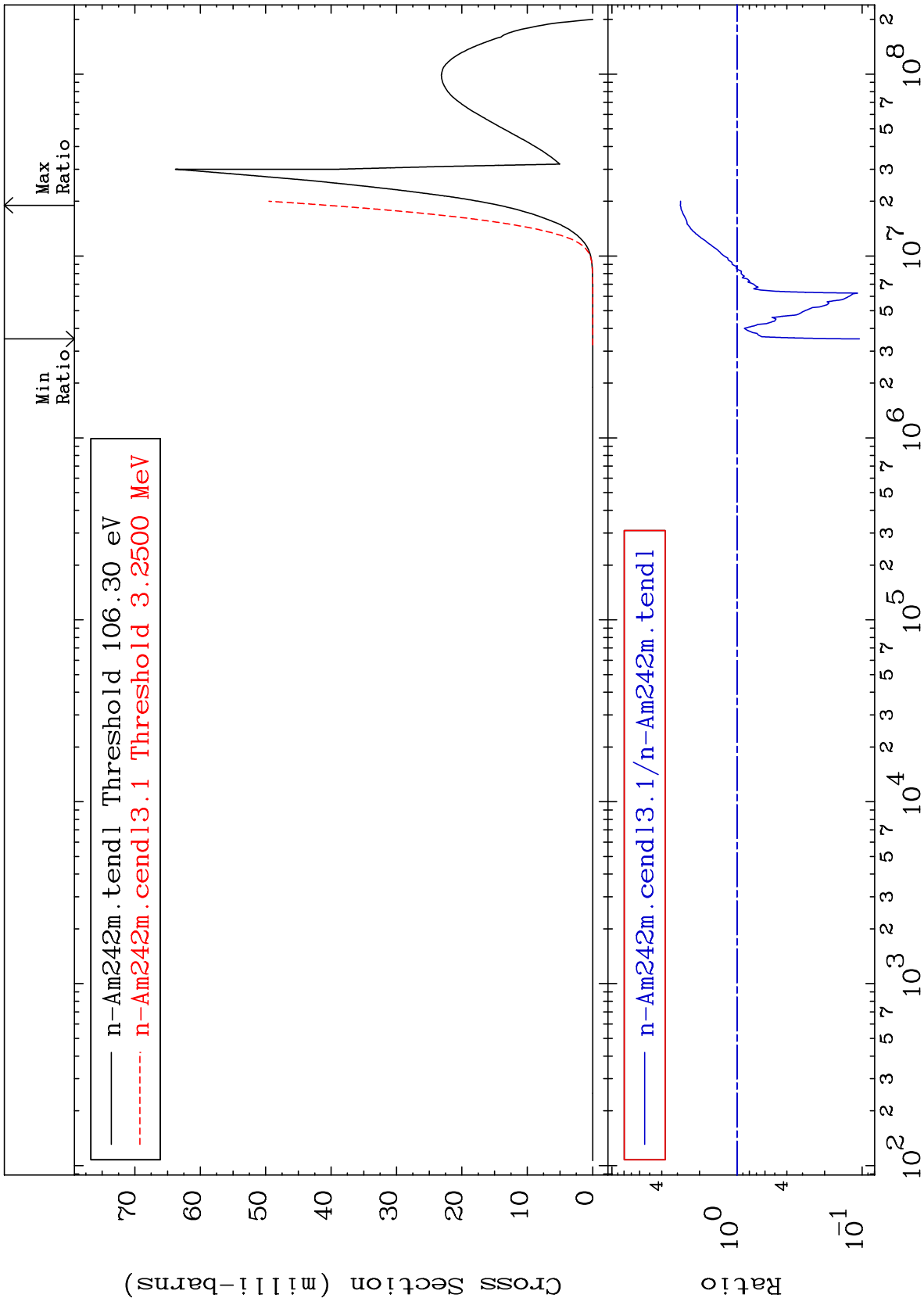
-100.0 To 9999. %

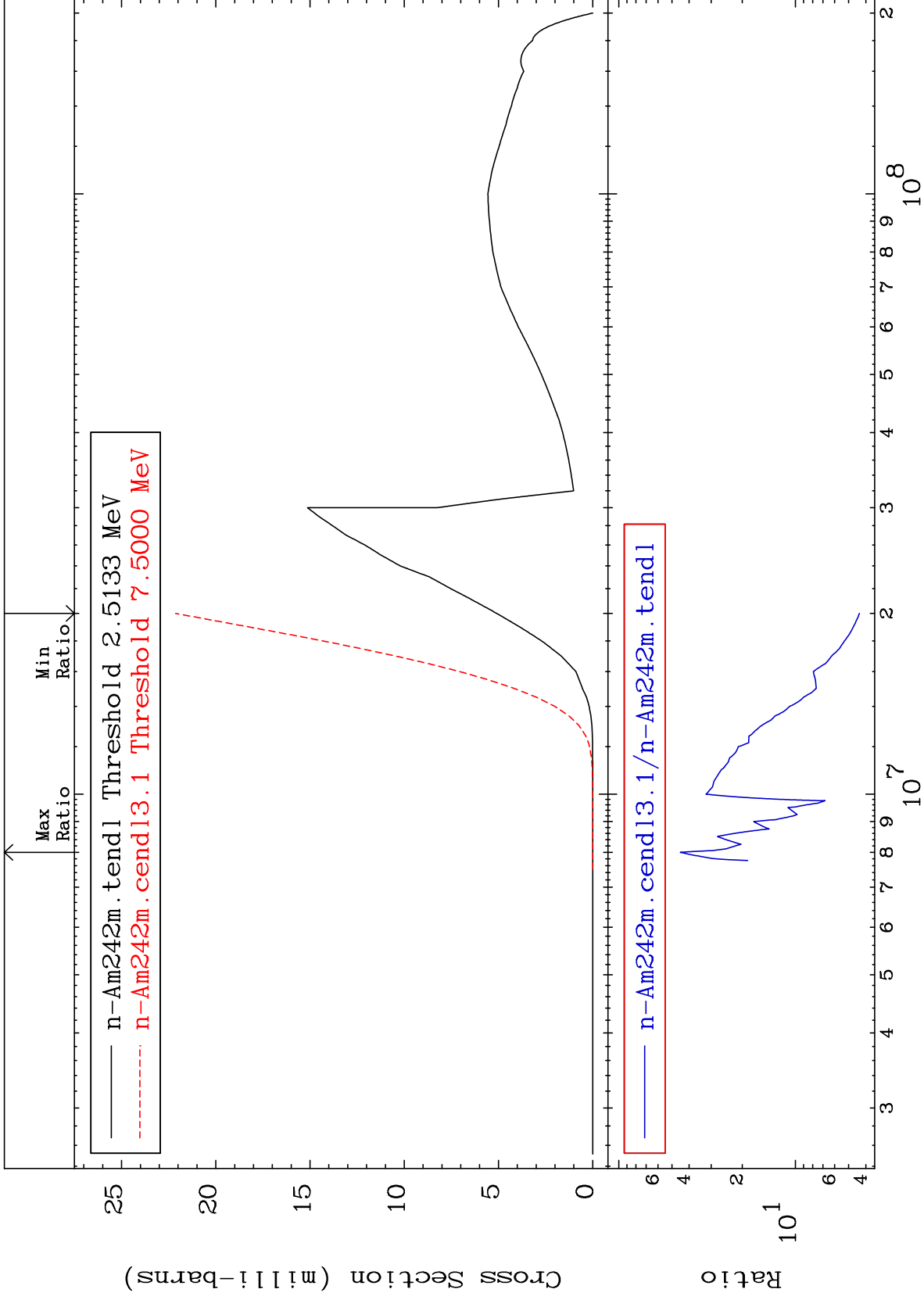


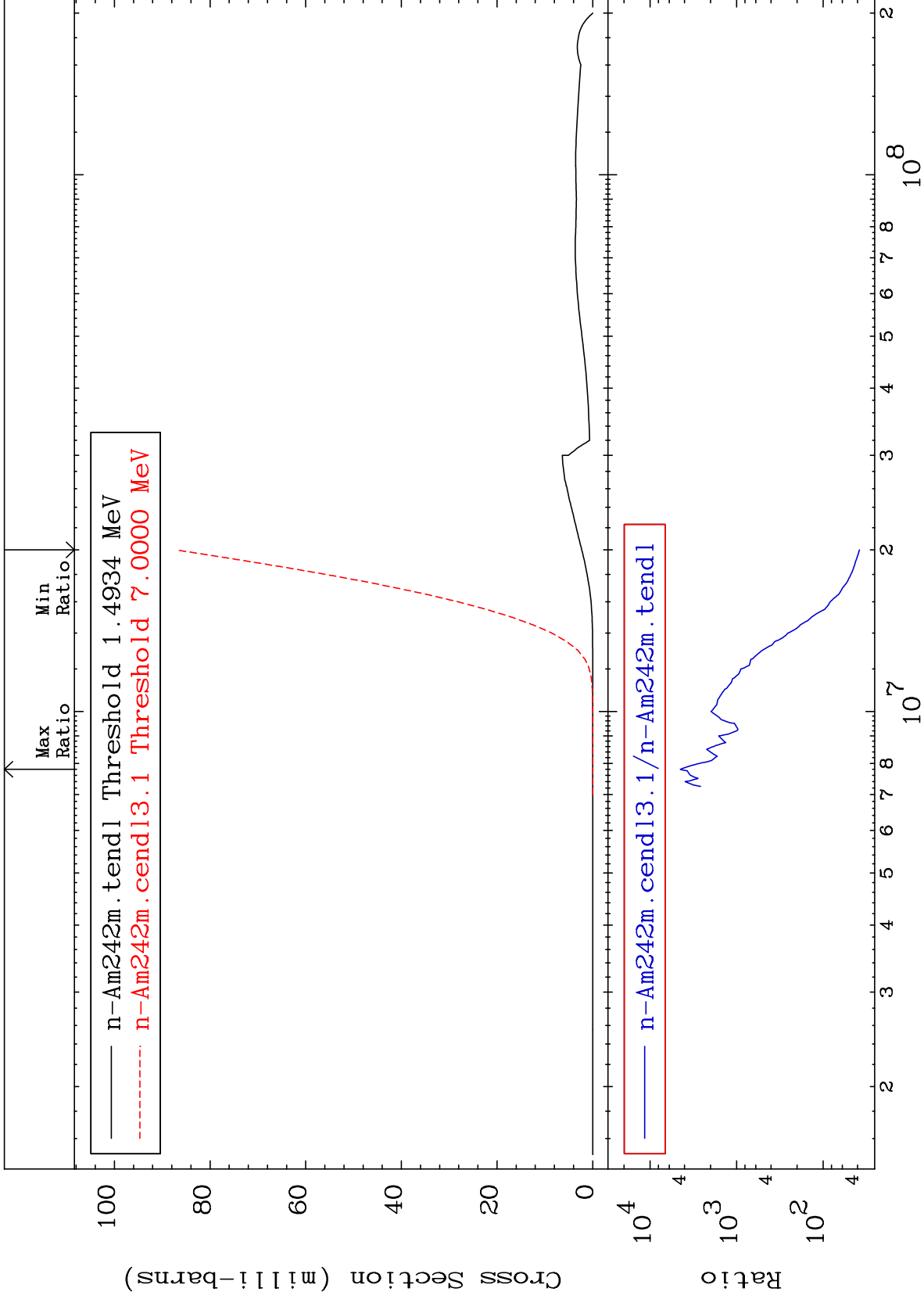
MAT 9547

Hydrogen Production
Cross Section

95-Am-242
-89.47 To 184.2 %



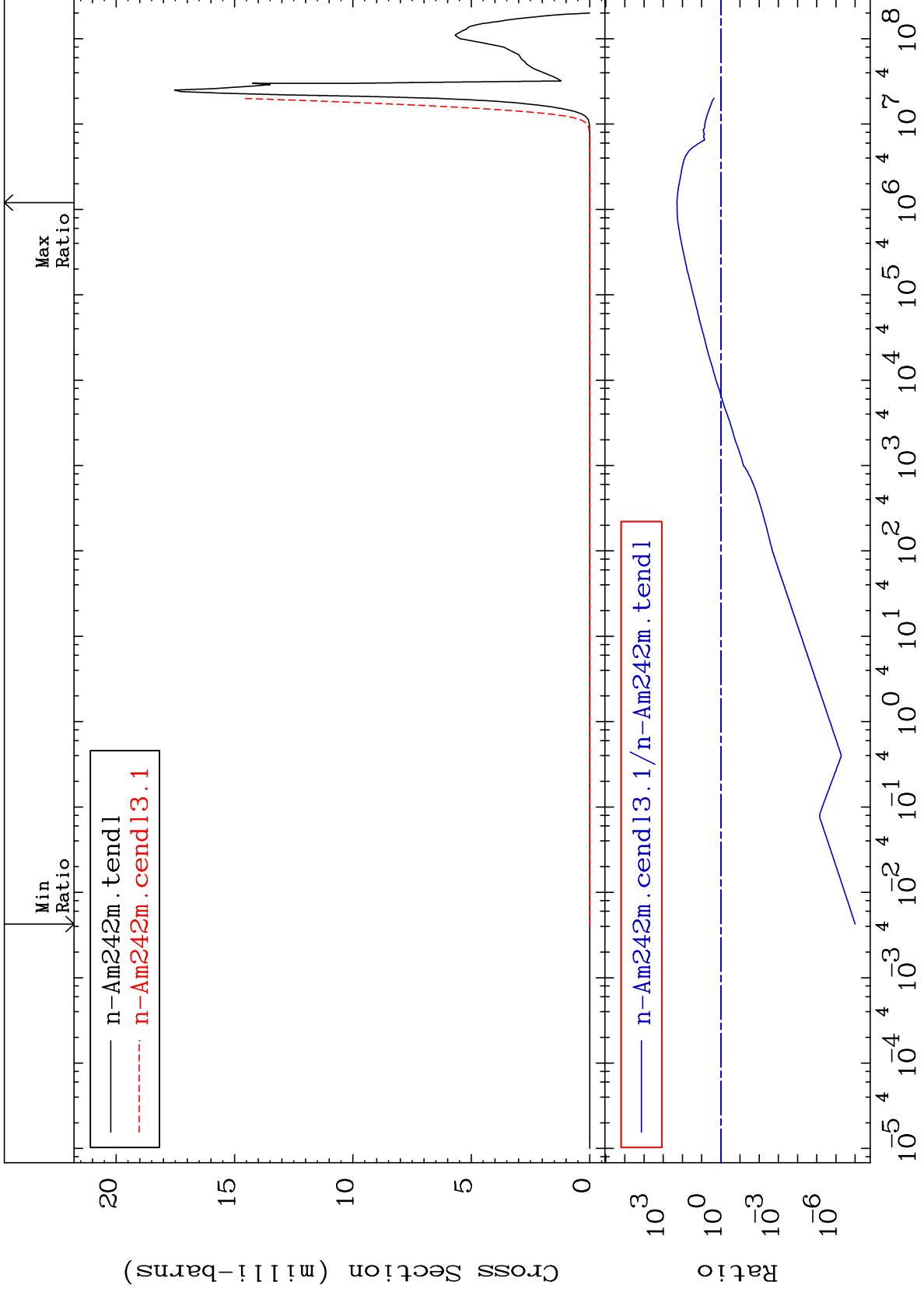


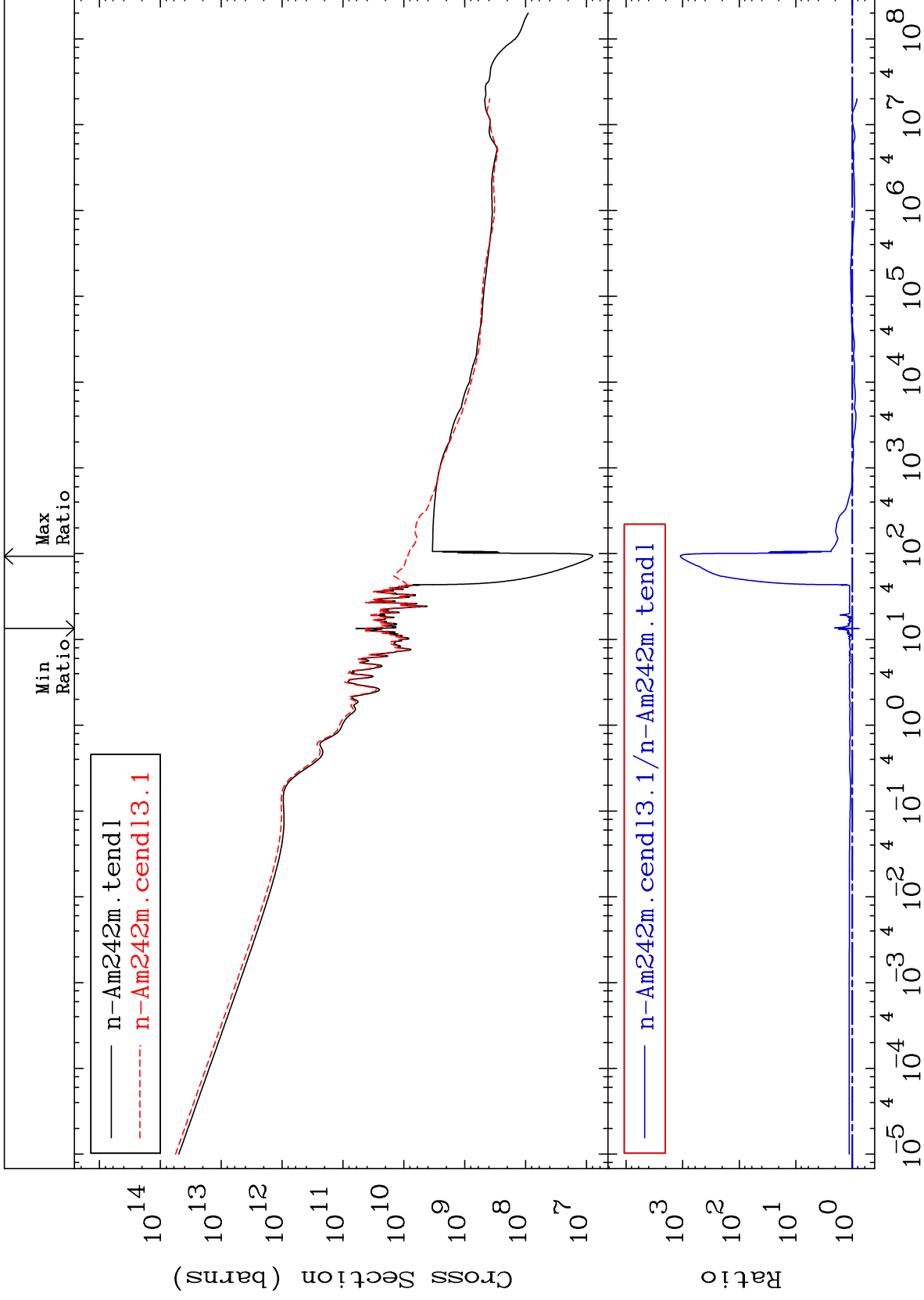


MAT 9547

He-4 Production
Cross Section

95-Am-242
-100.0 To 9999. %

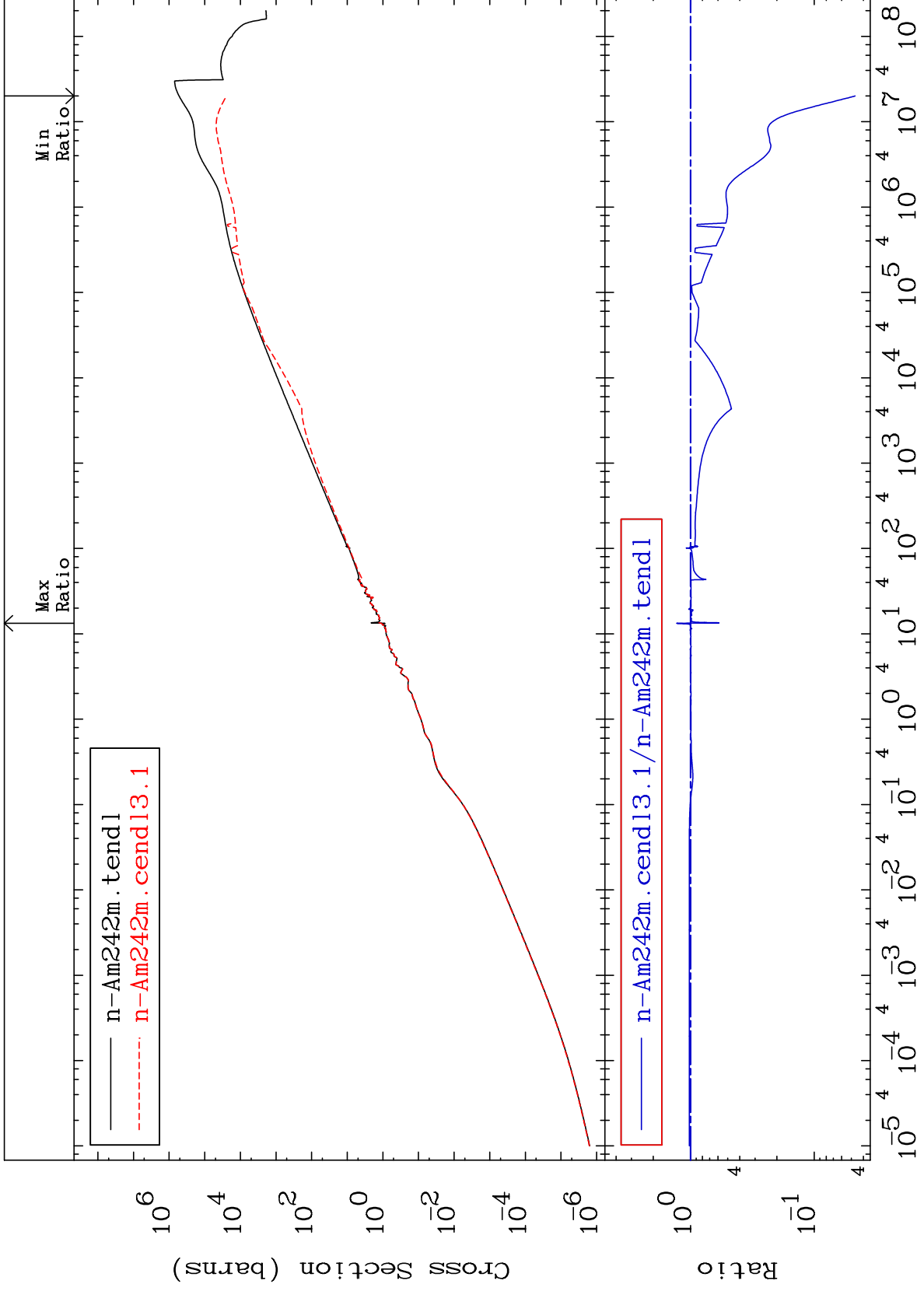


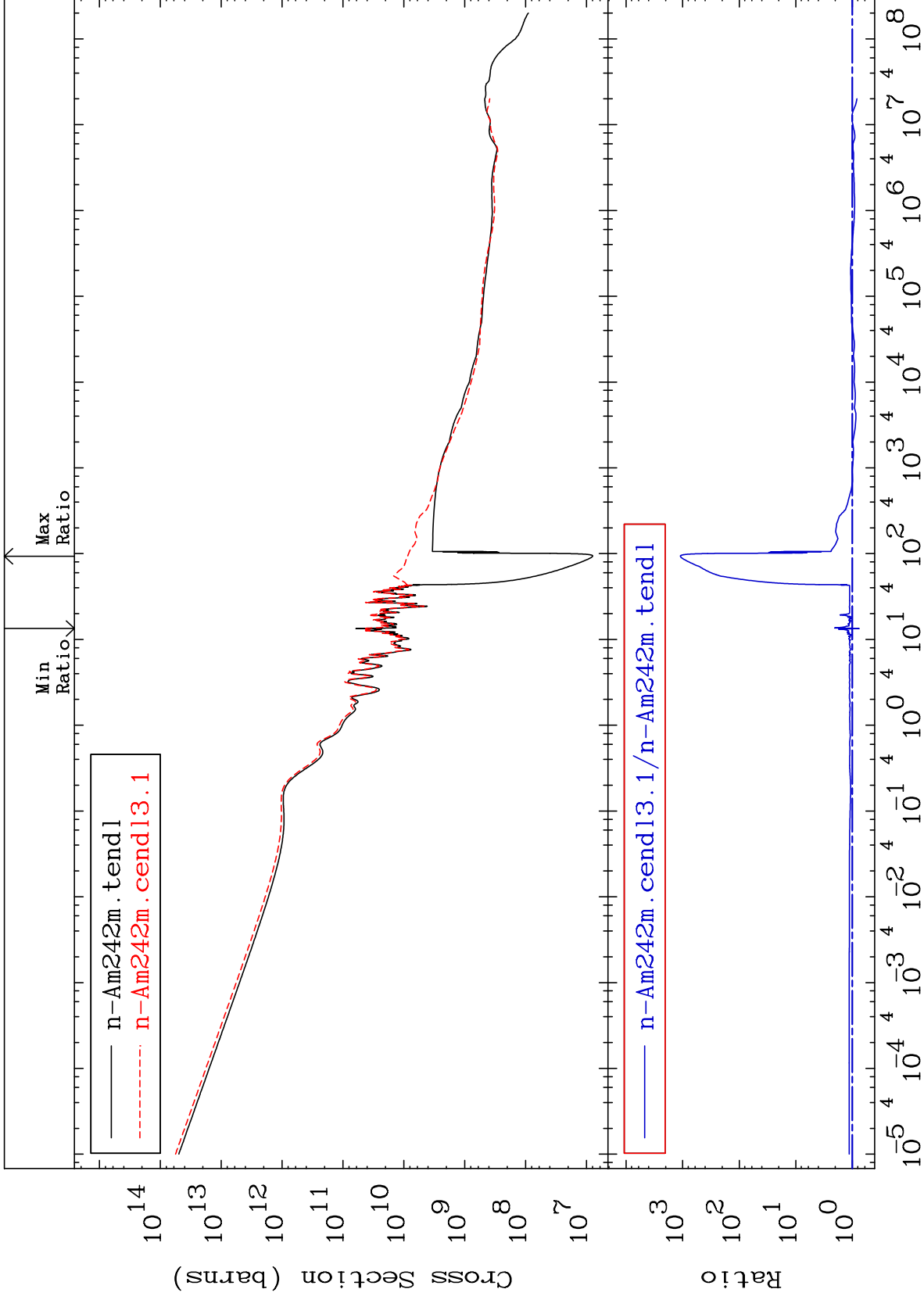


MAT 9547

Kerma elastic
Cross Section

95-Am-242
-95.33 To 28.67 %

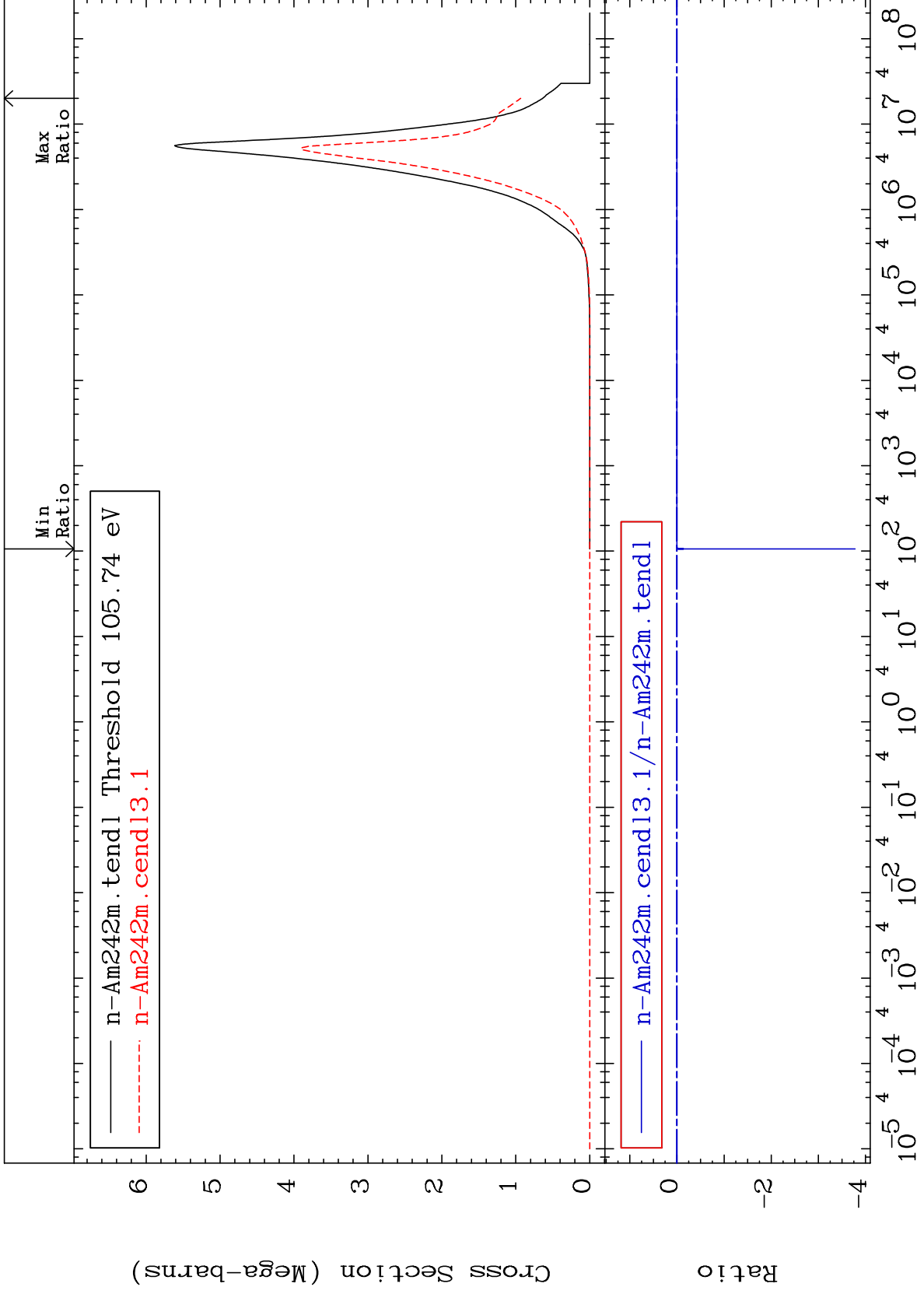




MAT 9547

Kerma inelastic (mt51-91)
Cross Section

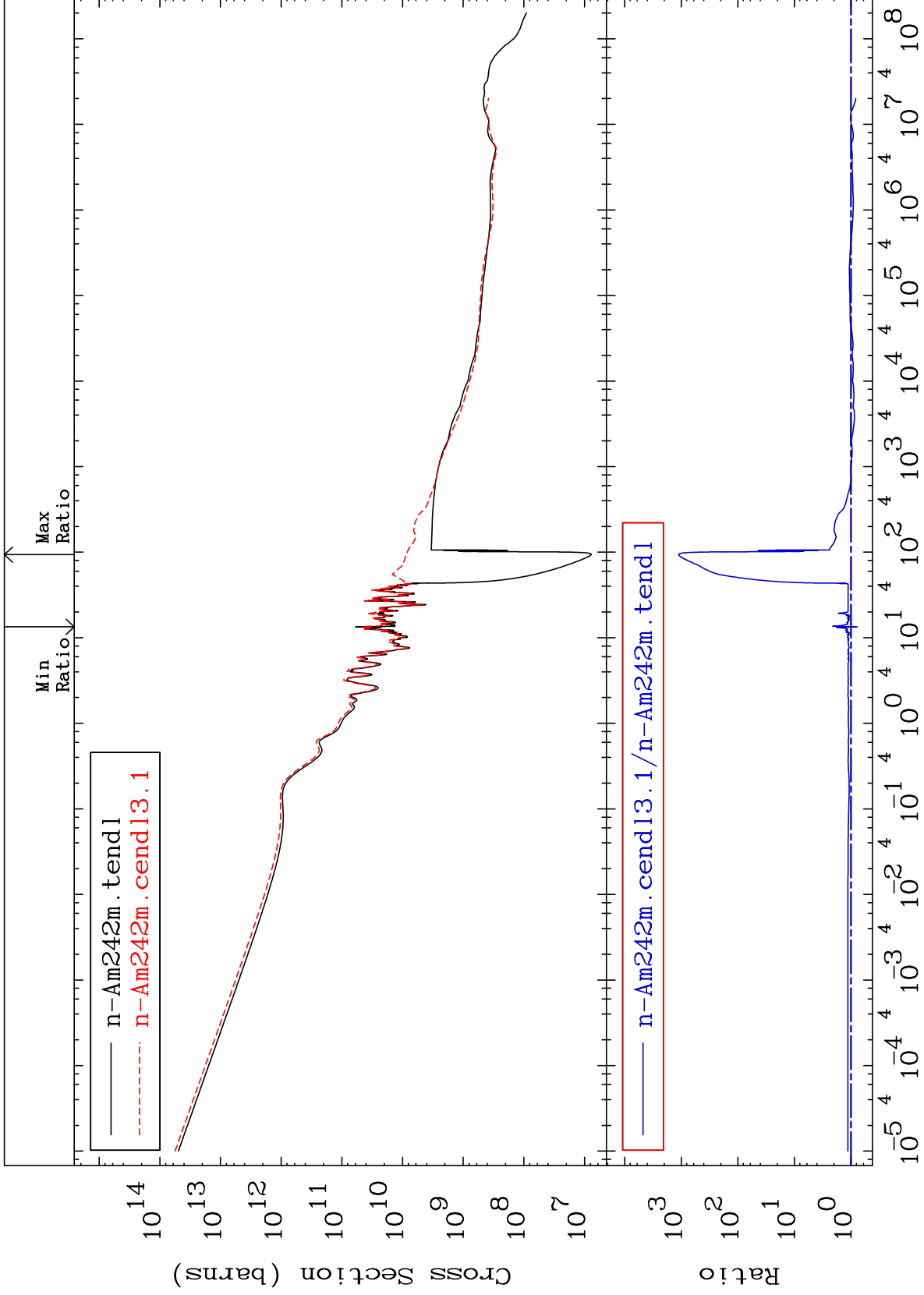
95-Am-242
-9999. To 46.93 %



MAT 9547

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

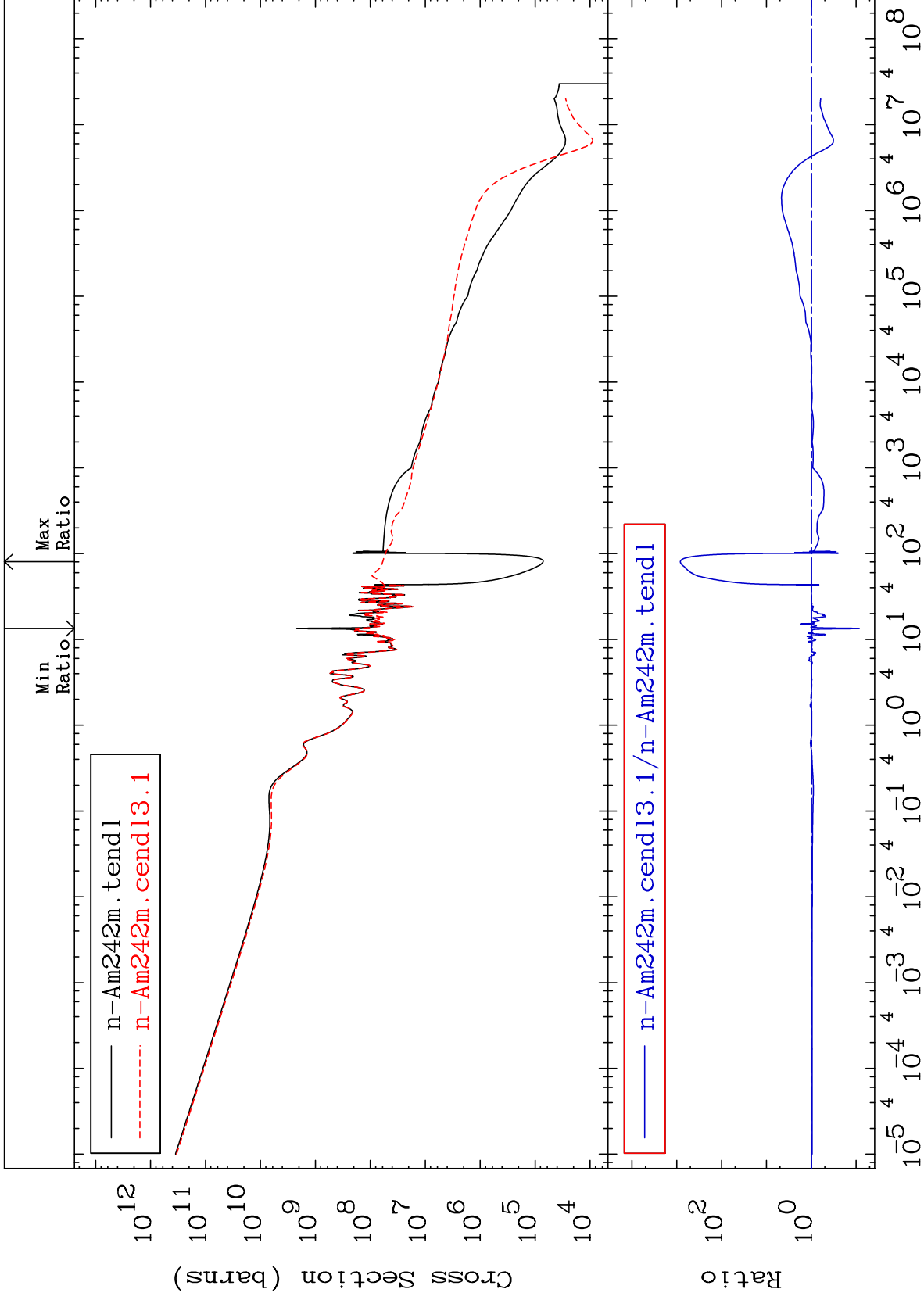
95-Am-242
-22.50 To 9999. %

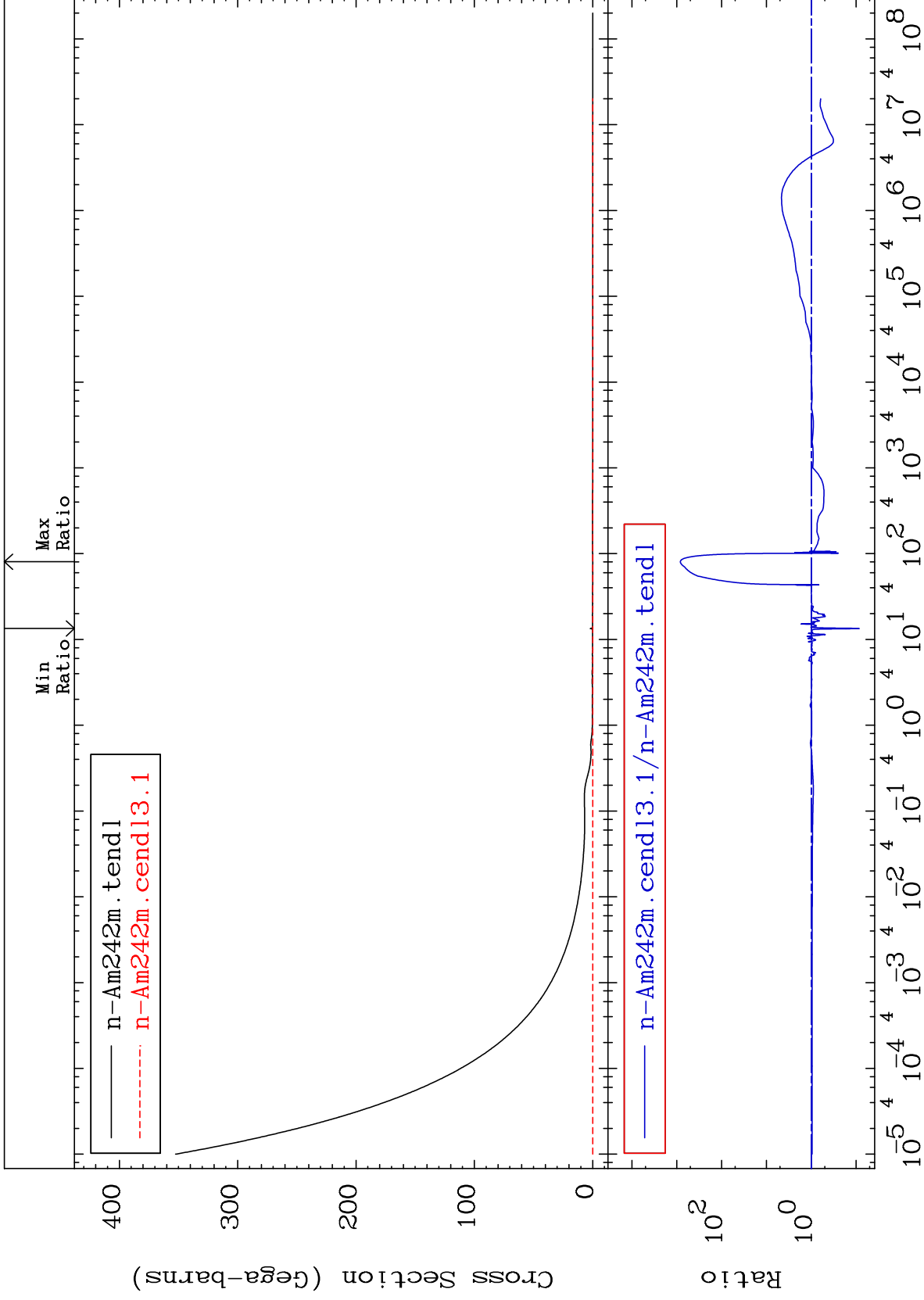


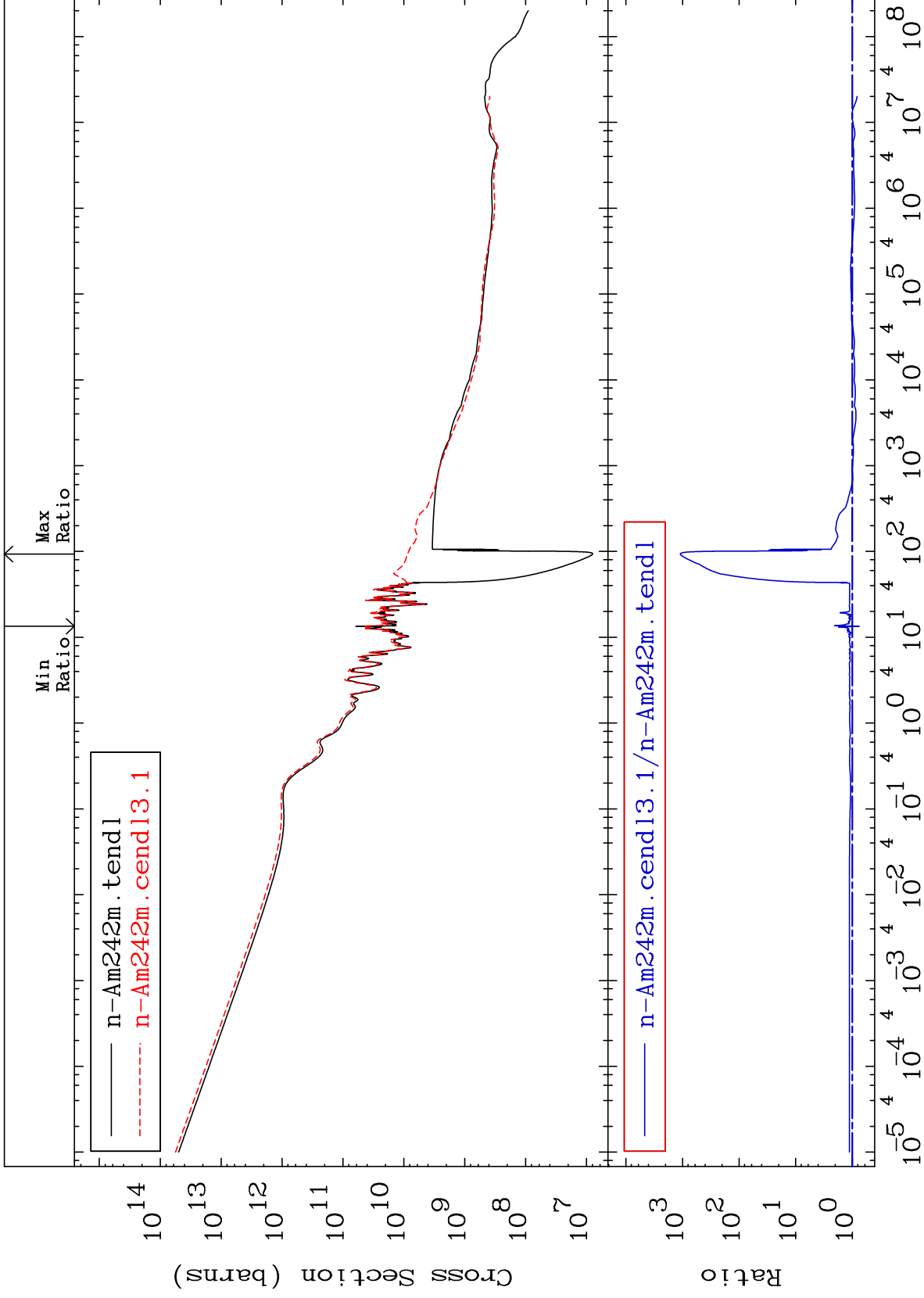
50

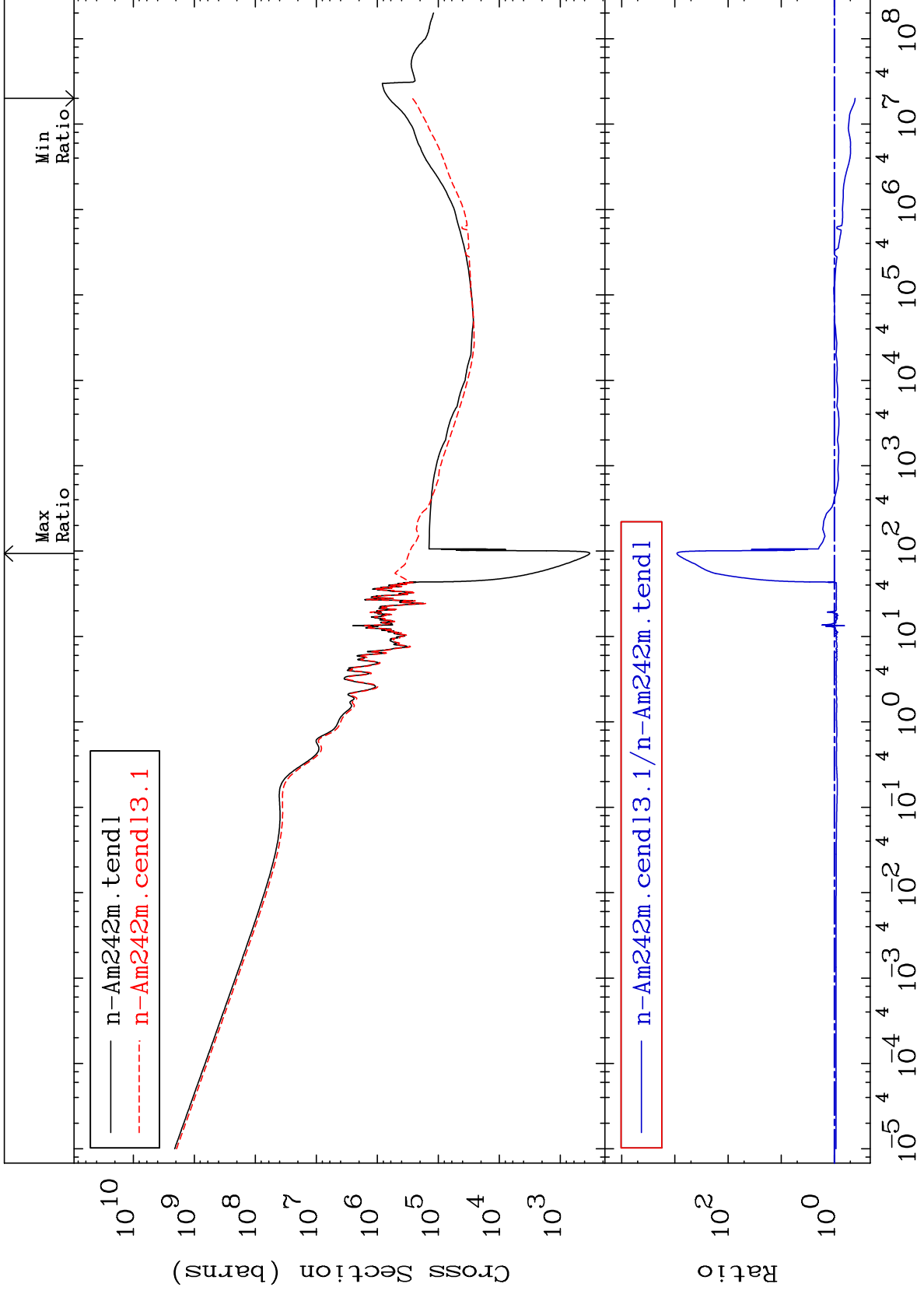
Incident Energy (eV)

95-Am-242





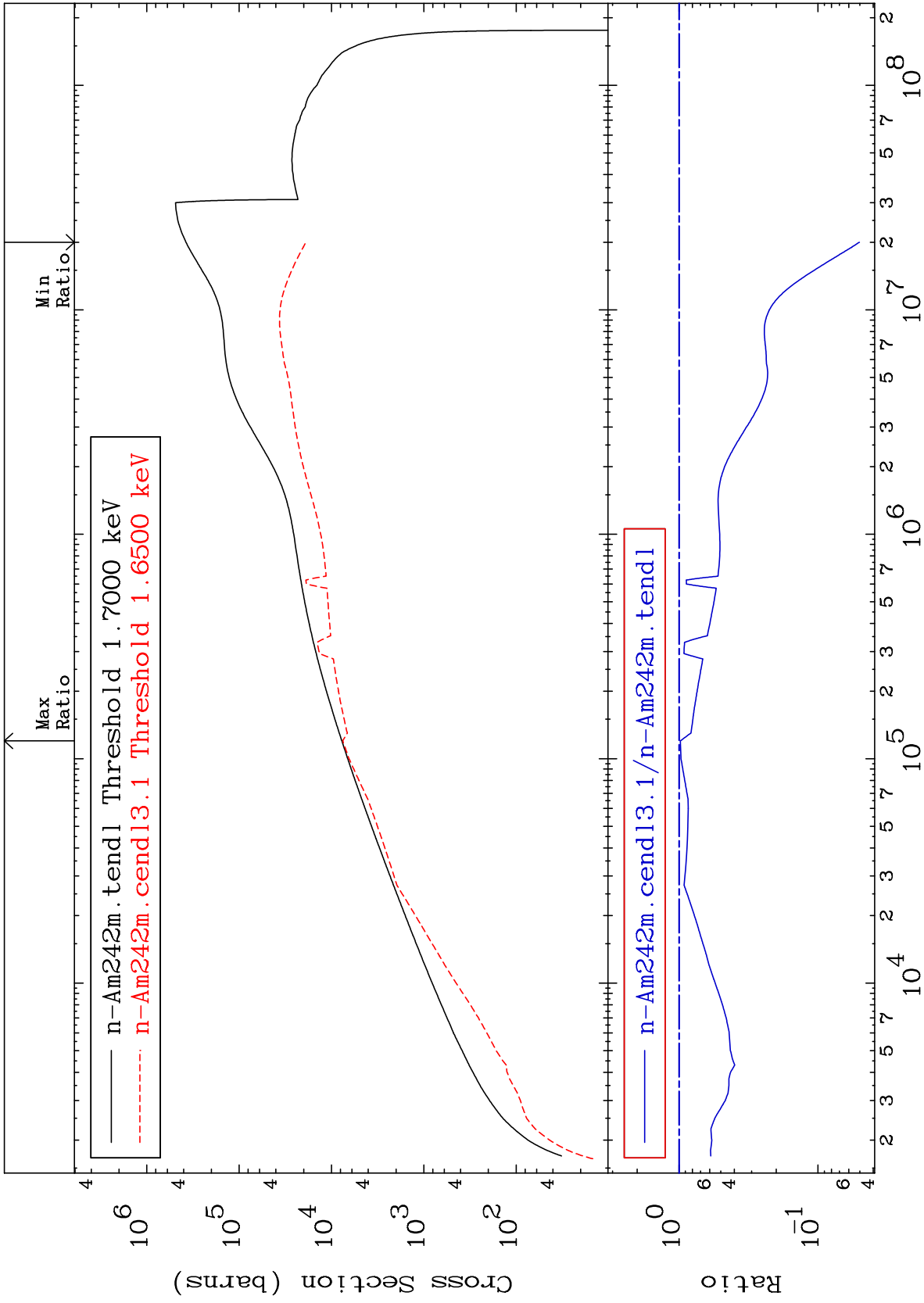


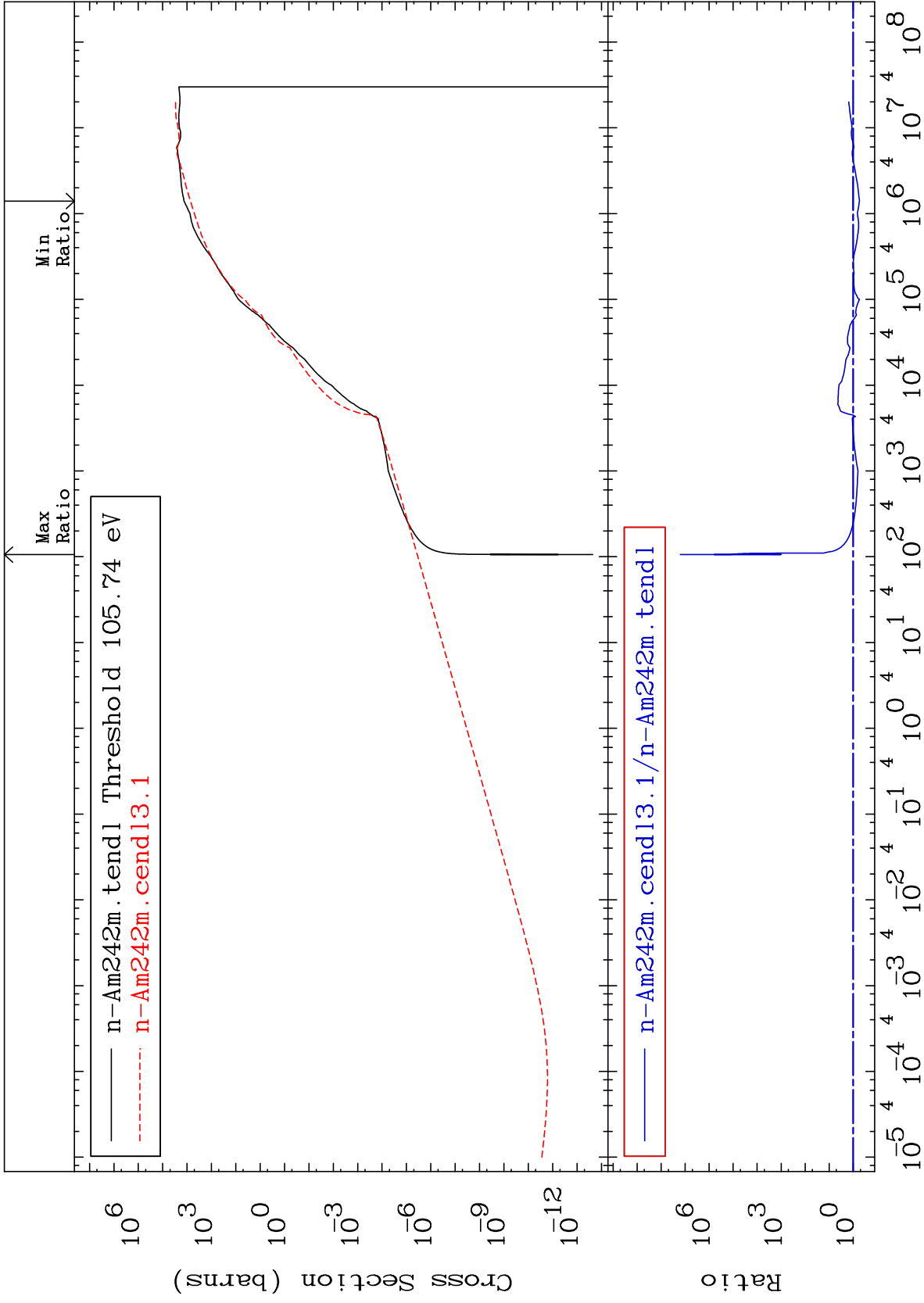


MAT 9547

Dpa elastic (mt2)
Cross Section

95-Am-242
-94.97 To -2.278%





MAT 9547

Dpa disappearance (mt102 -120)
Cross Section

95-Am-242
317.1 To 9999. %

