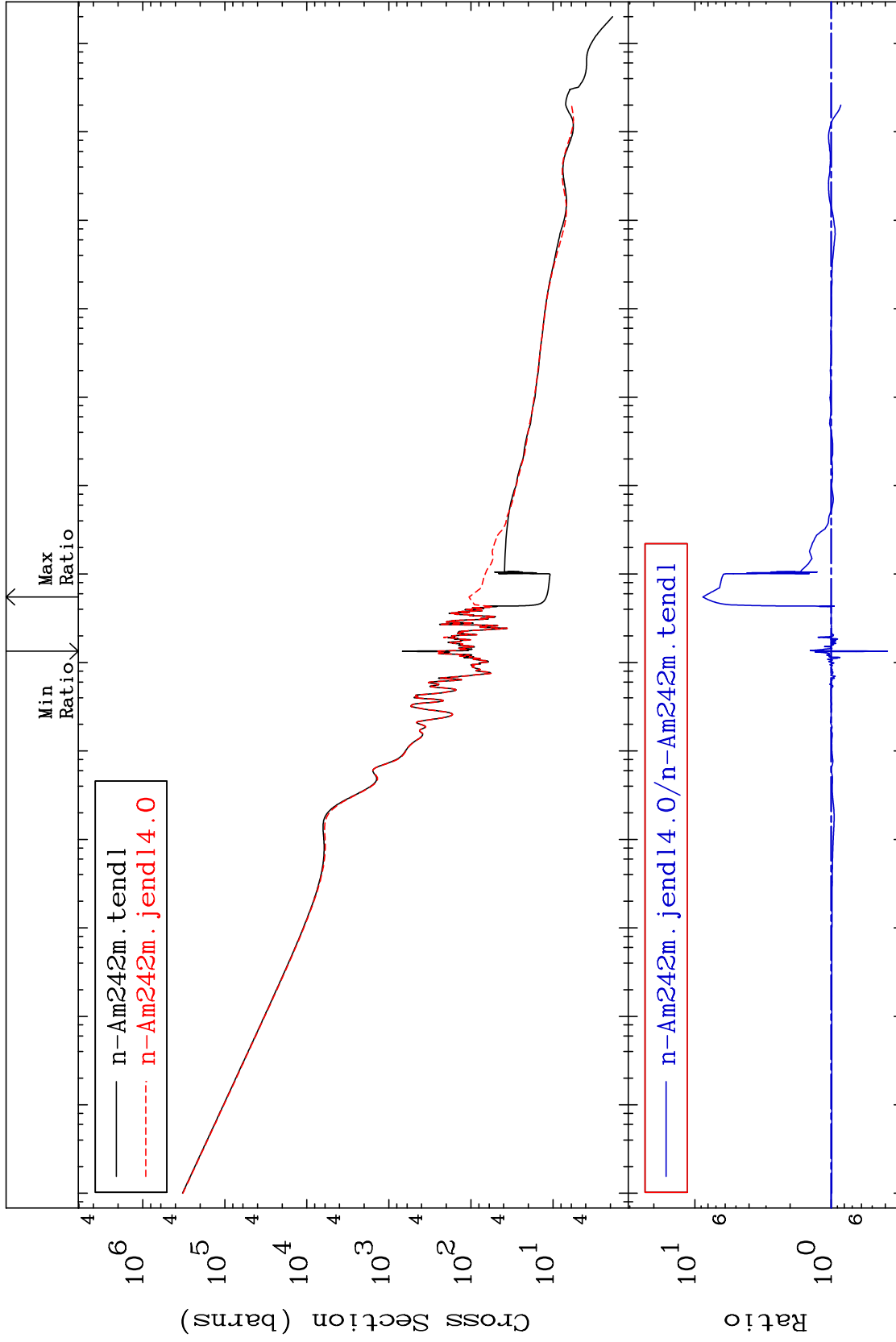


MAT 9547

95-Am-242

-61.40 To 773.2 %

Total
Cross Section



Incident Energy (eV)

95-Am-242

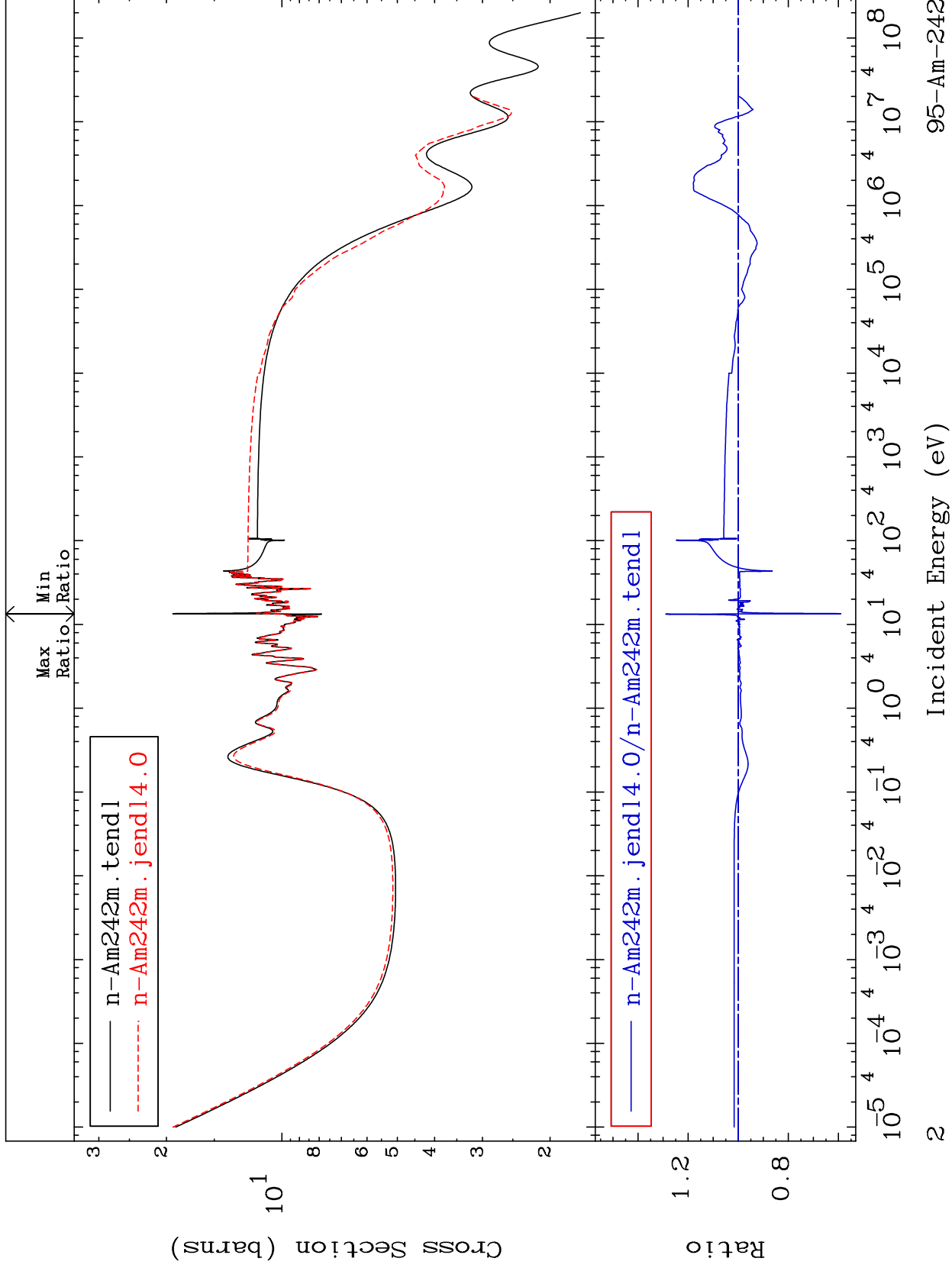
MAT 9547

Elastic

95-Am-242

Cross Section

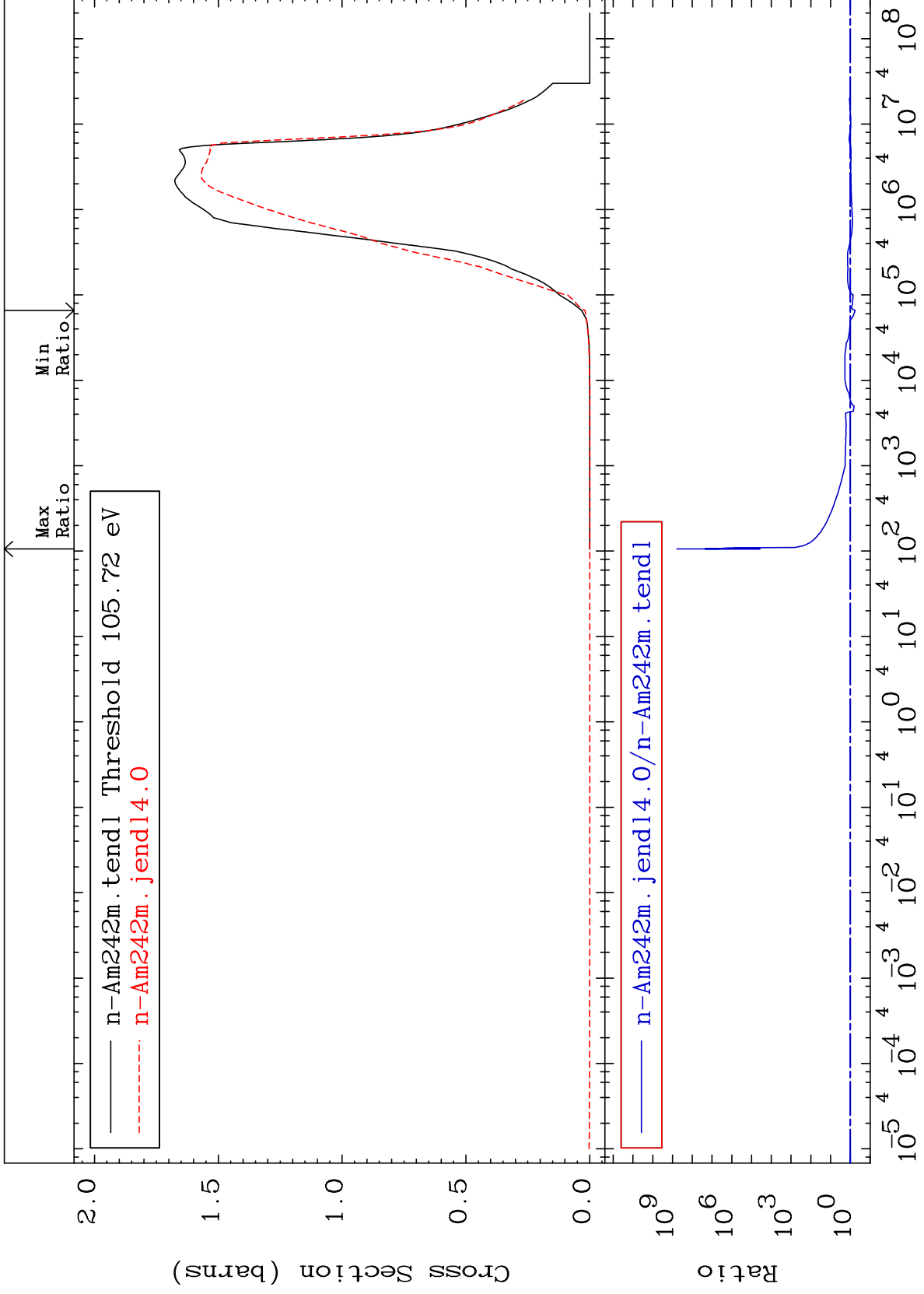
-40.95 To 28.86 %



MAT 9547

Inelastic
Cross Section

95-Am-242
-42.37 To 9999. %

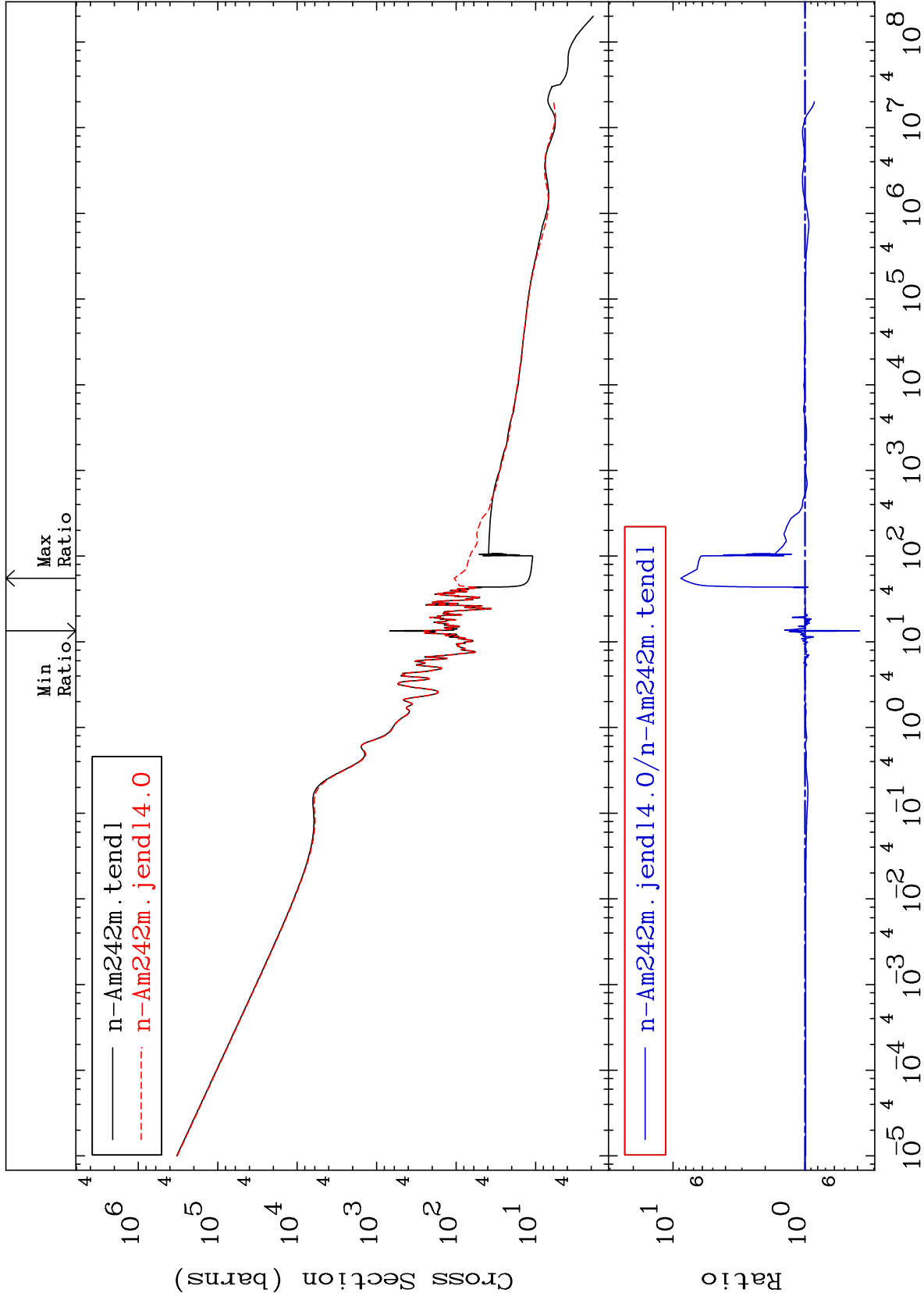


MAT 9547

95-Am-242

-61.40 To 773.2 %

Total
Cross Section



Incident Energy (eV)

95-Am-242

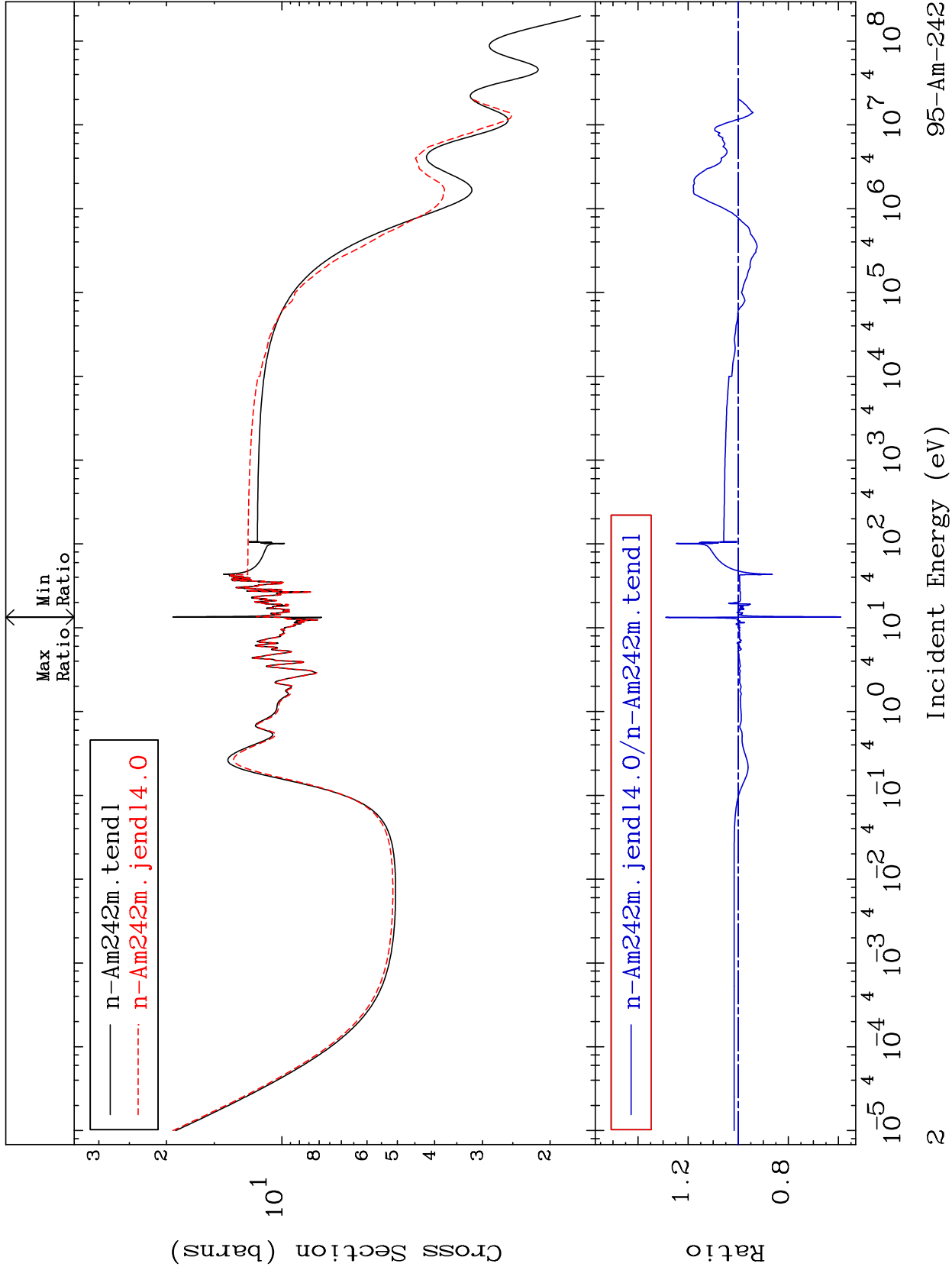
MAT 9547

Elastic

95-Am-242

Cross Section

-40.95 To 28.86 %



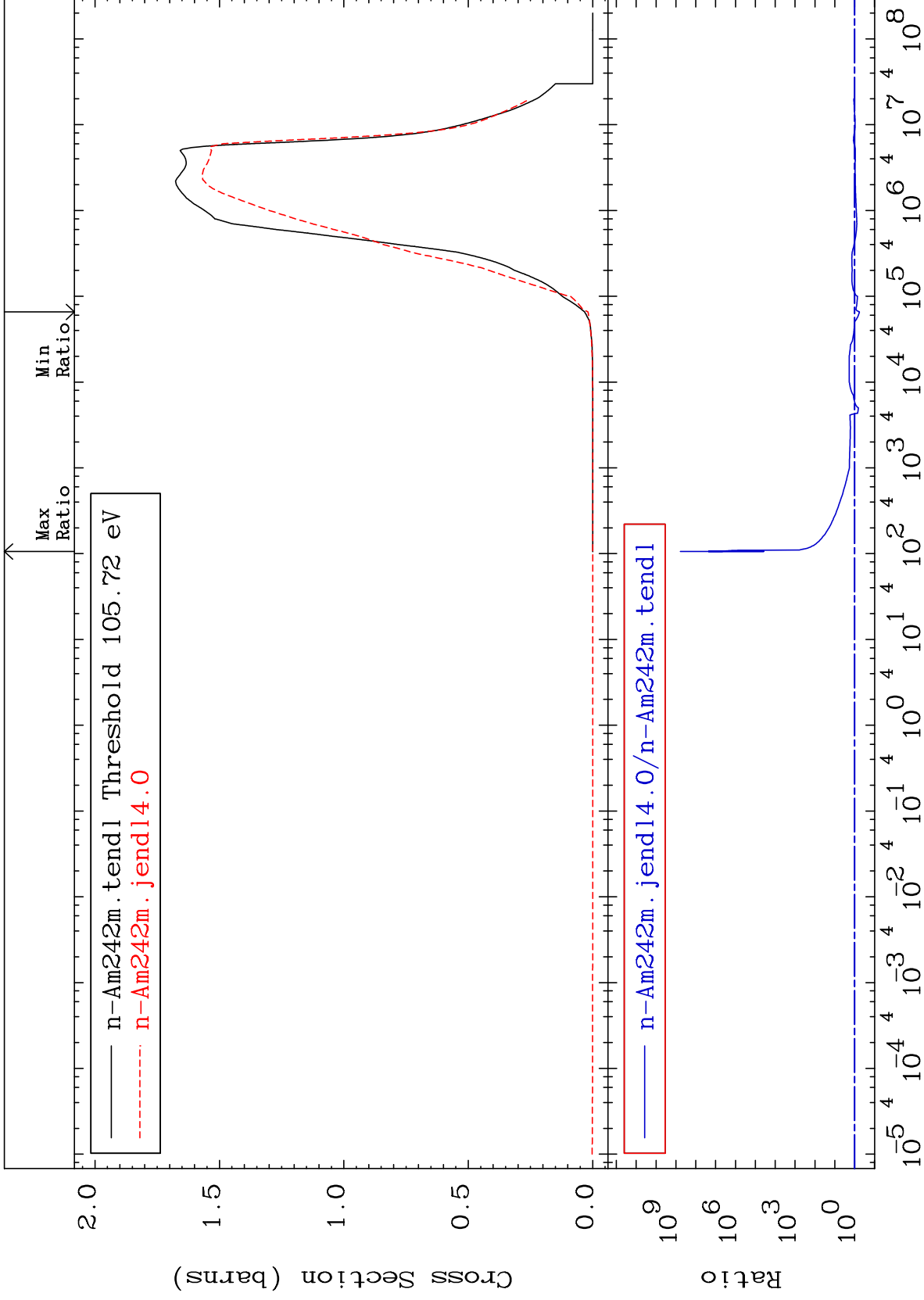
Incident Energy (eV)

95-Am-242

MAT 9547

Inelastic
Cross Section

95-Am-242
-42.37 To 9999. %

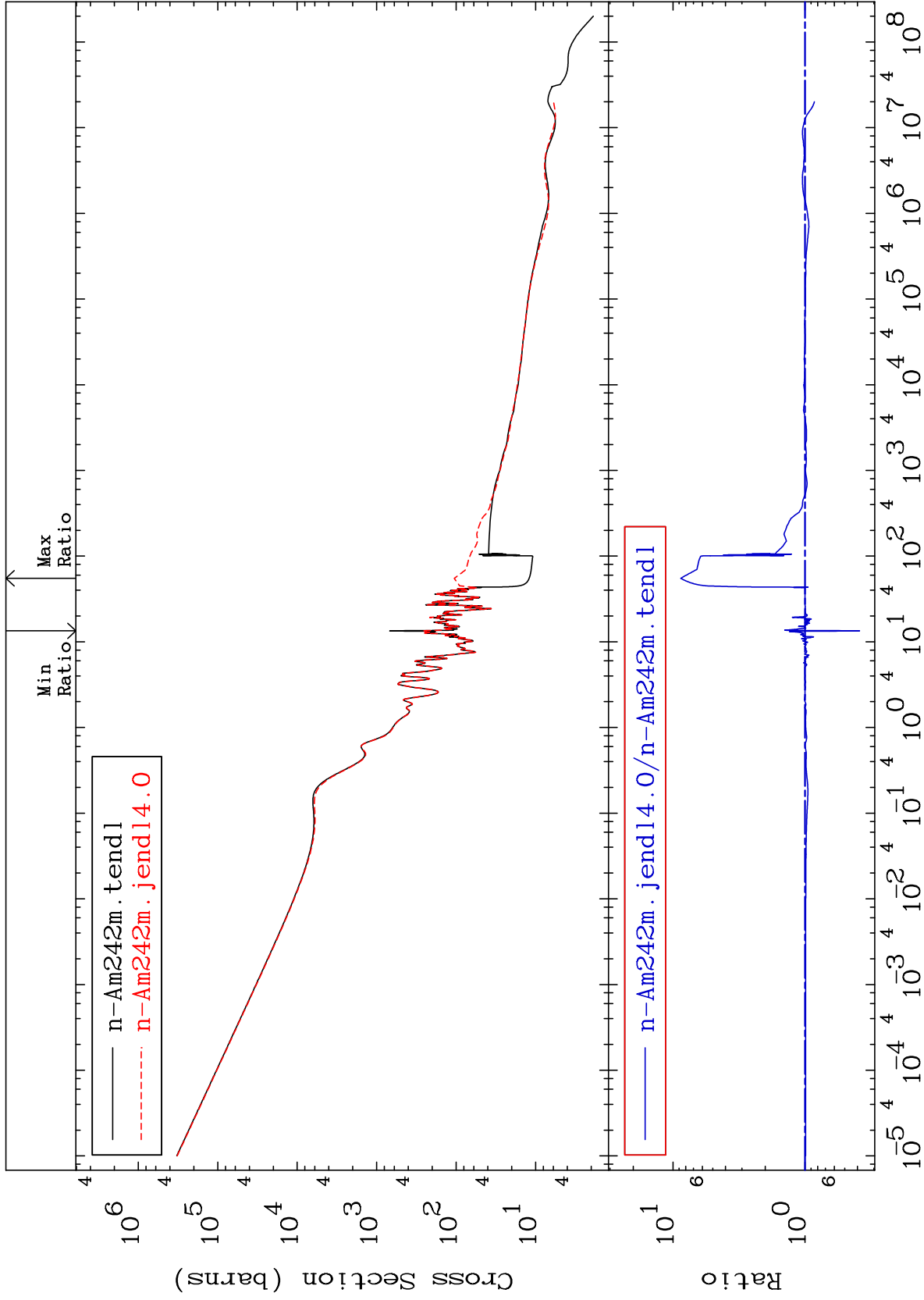


MAT 9547

95-Am-242

-61.40 To 773.2 %

Total
Cross Section



Incident Energy (eV)

95-Am-242

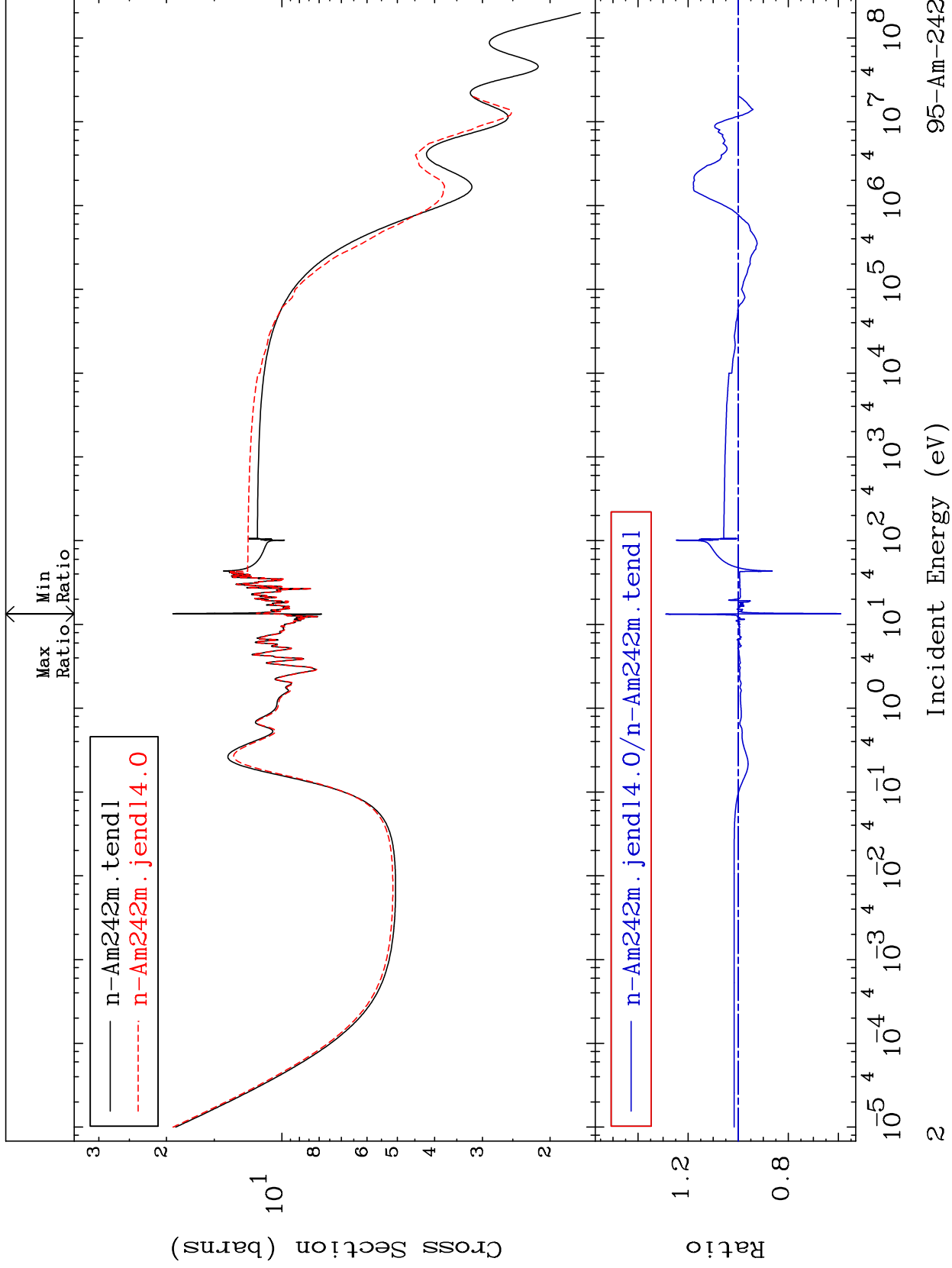
MAT 9547

Elastic

95-Am-242

Cross Section

-40.95 To 28.86 %

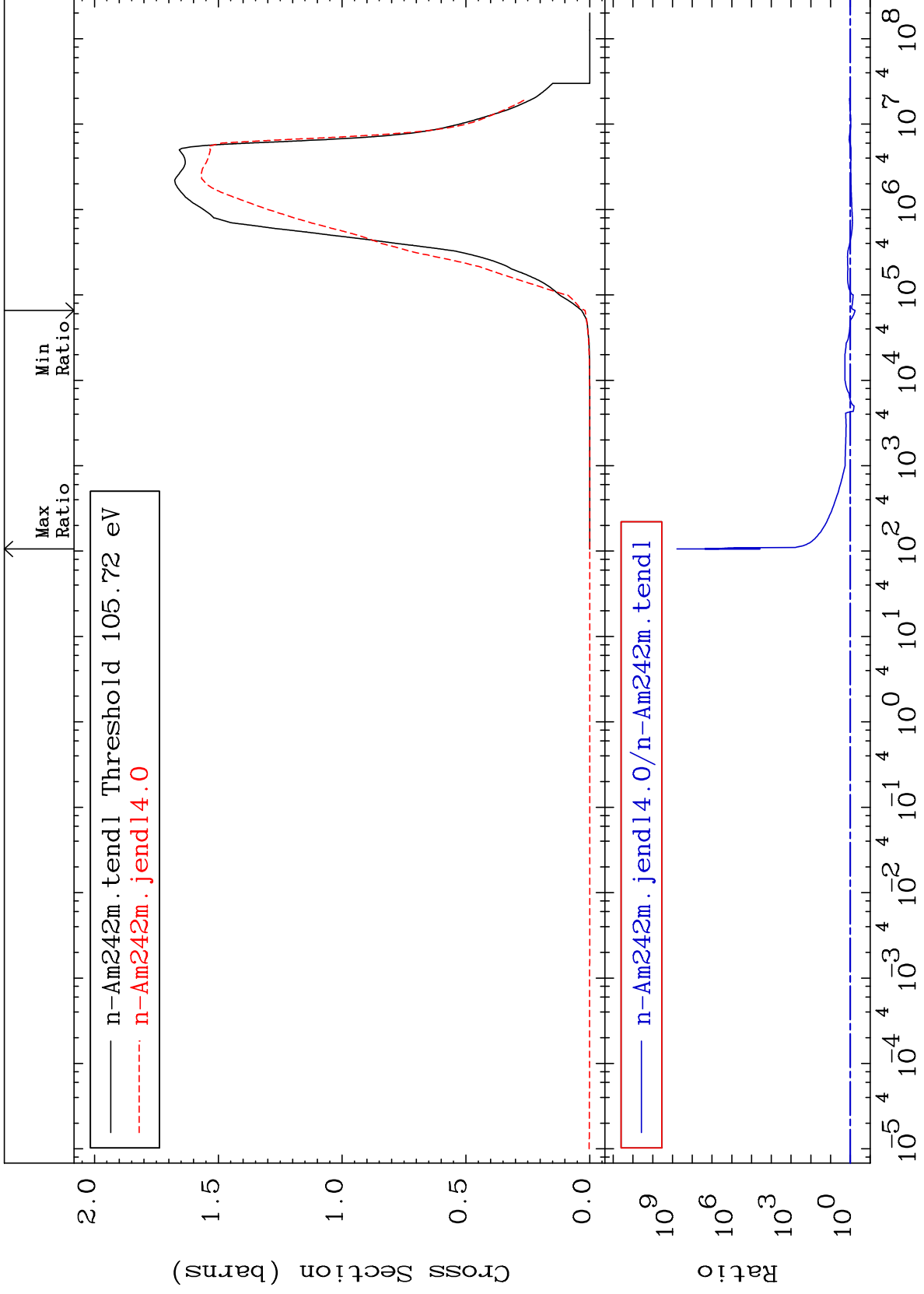


95-Am-242

MAT 9547

Inelastic
Cross Section

95-Am-242
-42.37 To 9999. %



3

95-Am-242

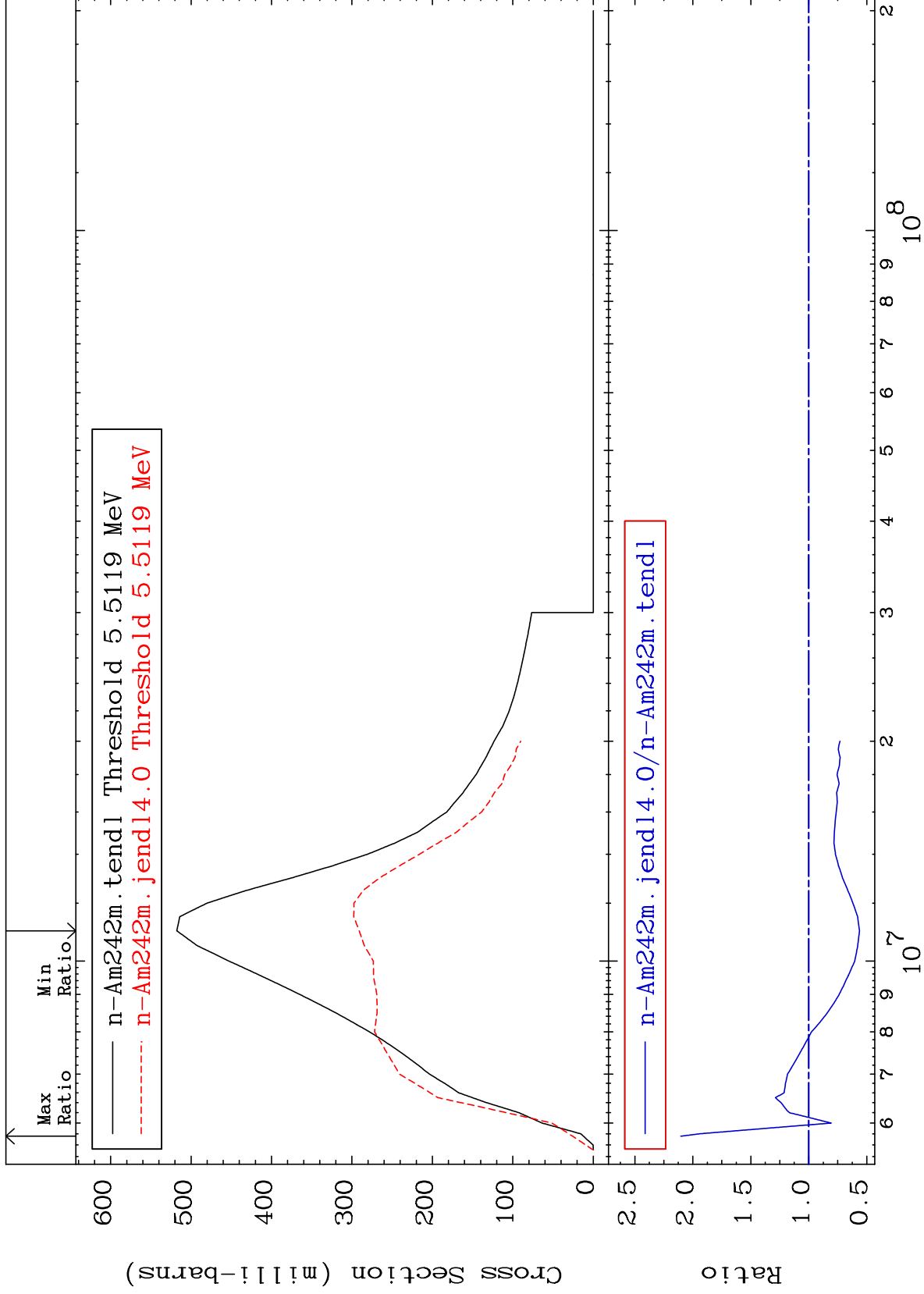
MAT 9547

(n,2n)

95-Am-242

Cross Section

-43.79 To 110.4 %



4

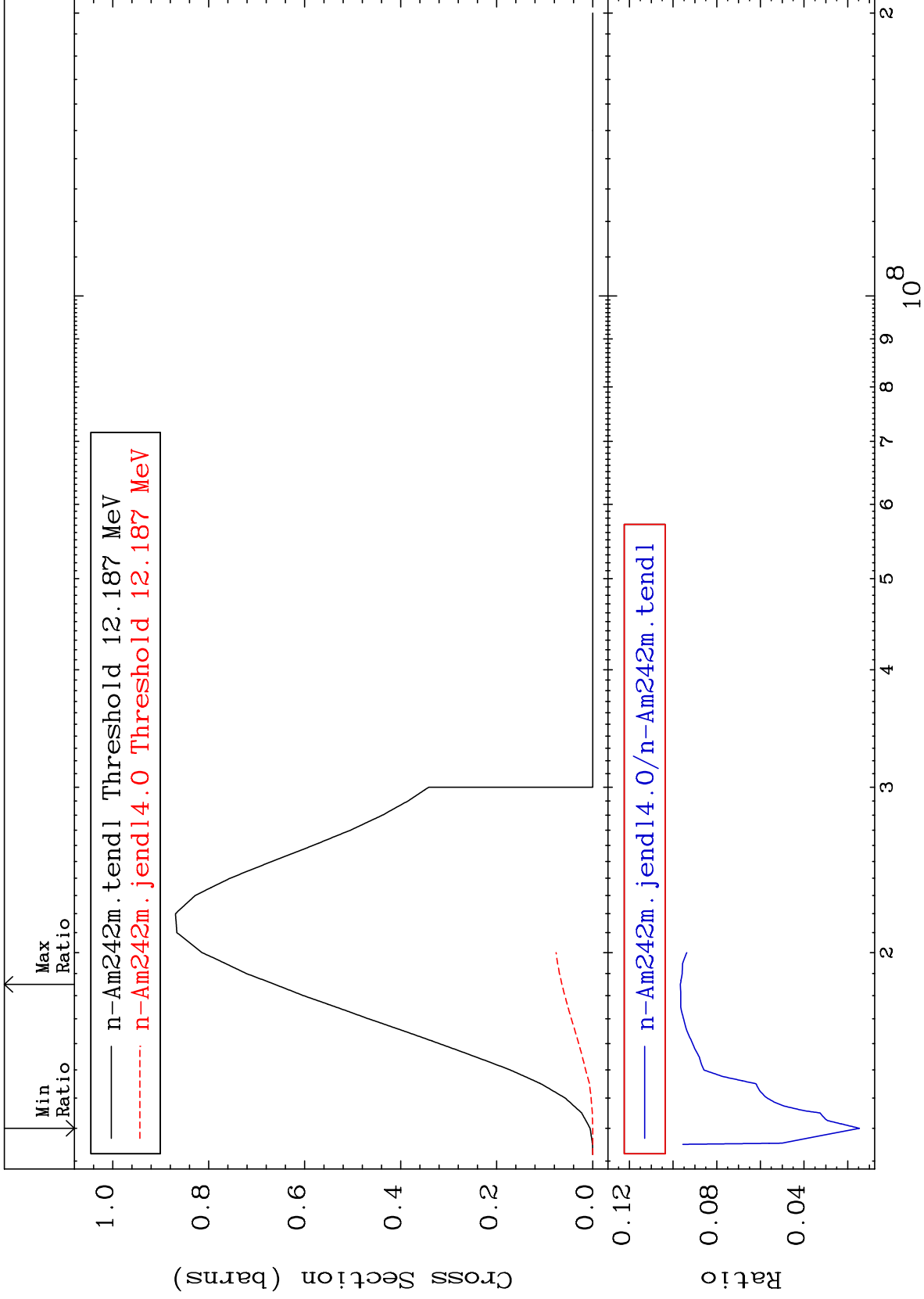
Incident Energy (eV)

95-Am-242

MAT 9547

(n,3n)
Cross Section

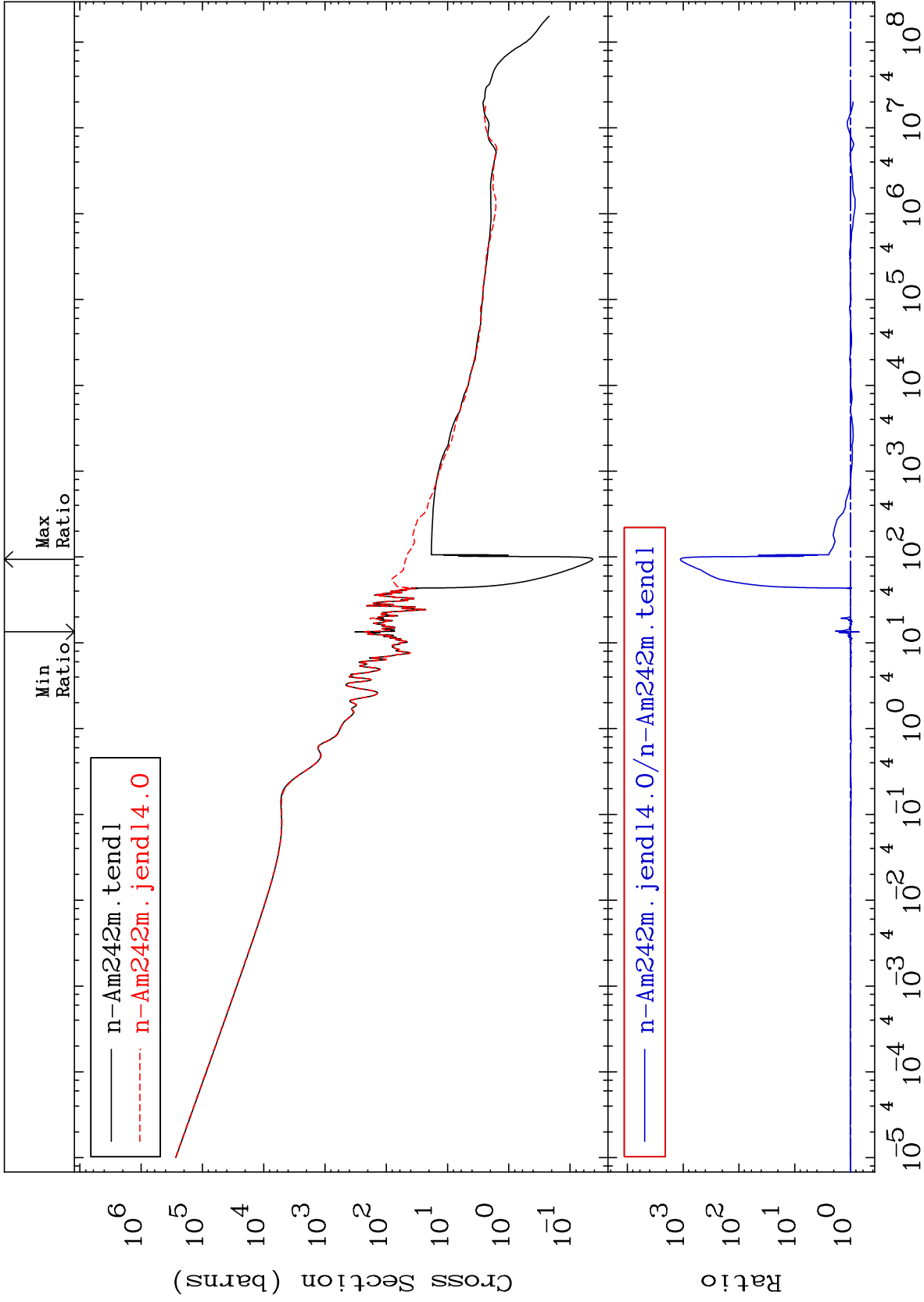
95-Am-242
-98.54 To -90.33%



MAT 9547

Fission Cross Section

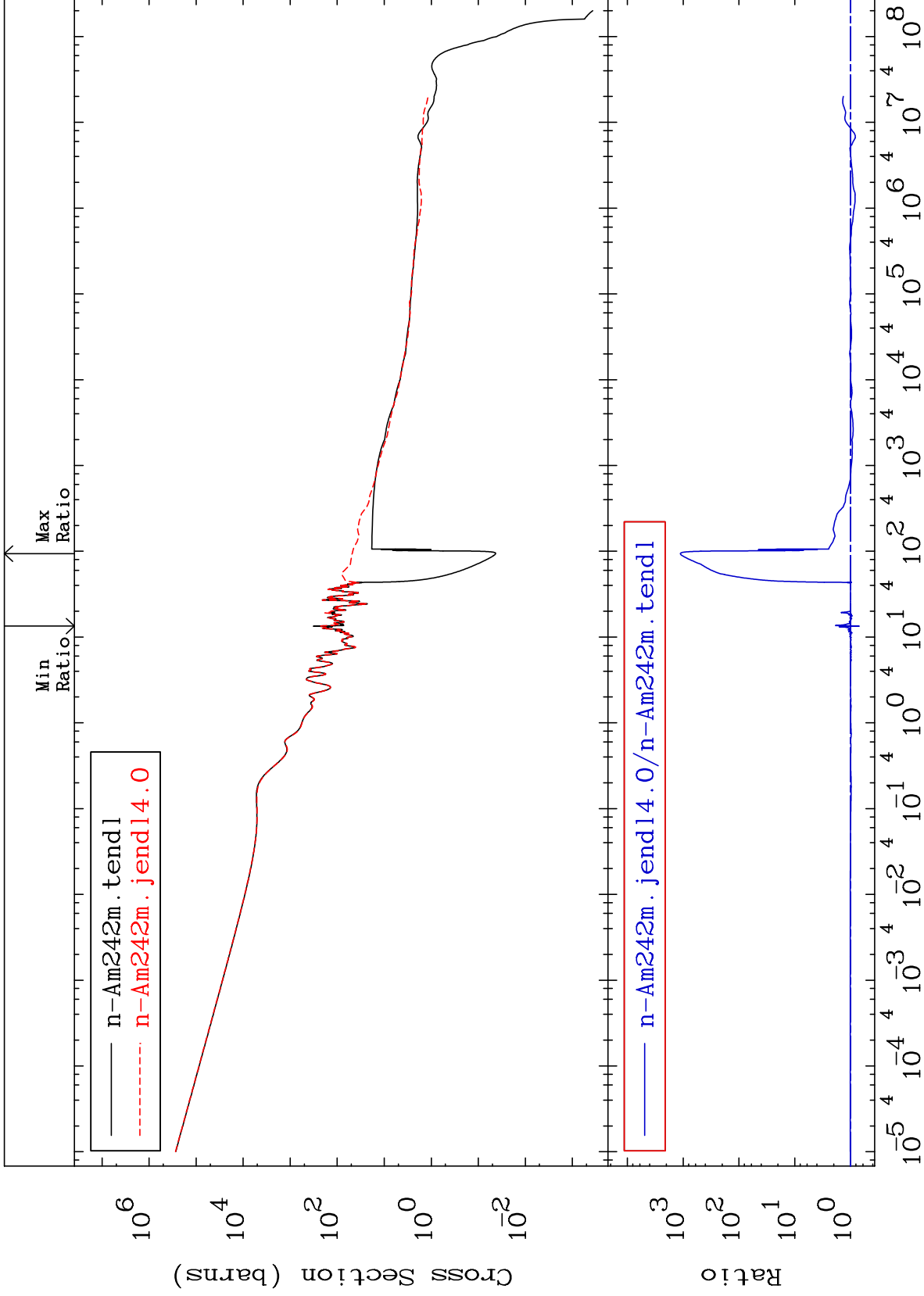
95-Am-242
-30.81 To 9999. %

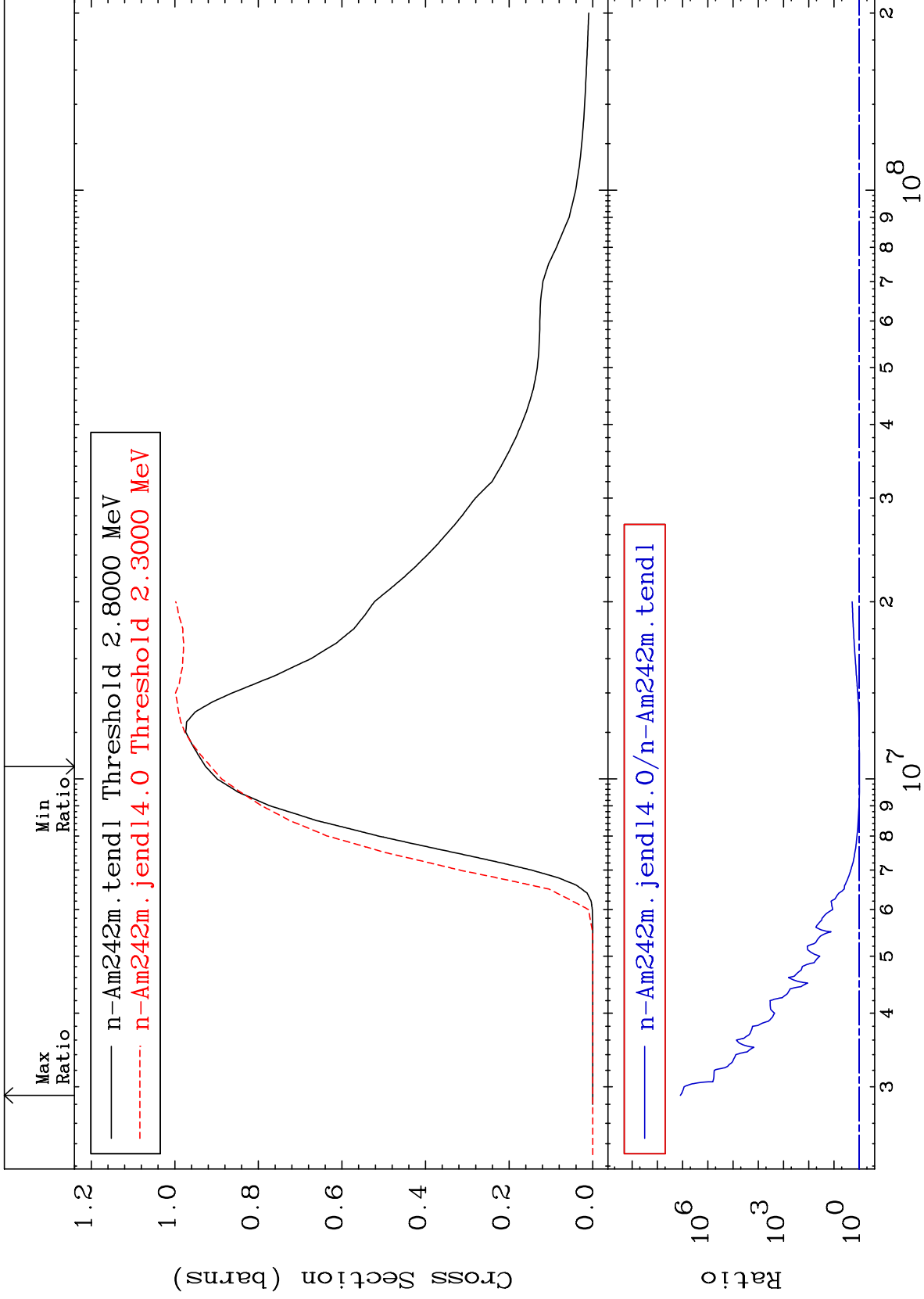


Incident Energy (eV)

95-Am-242

6

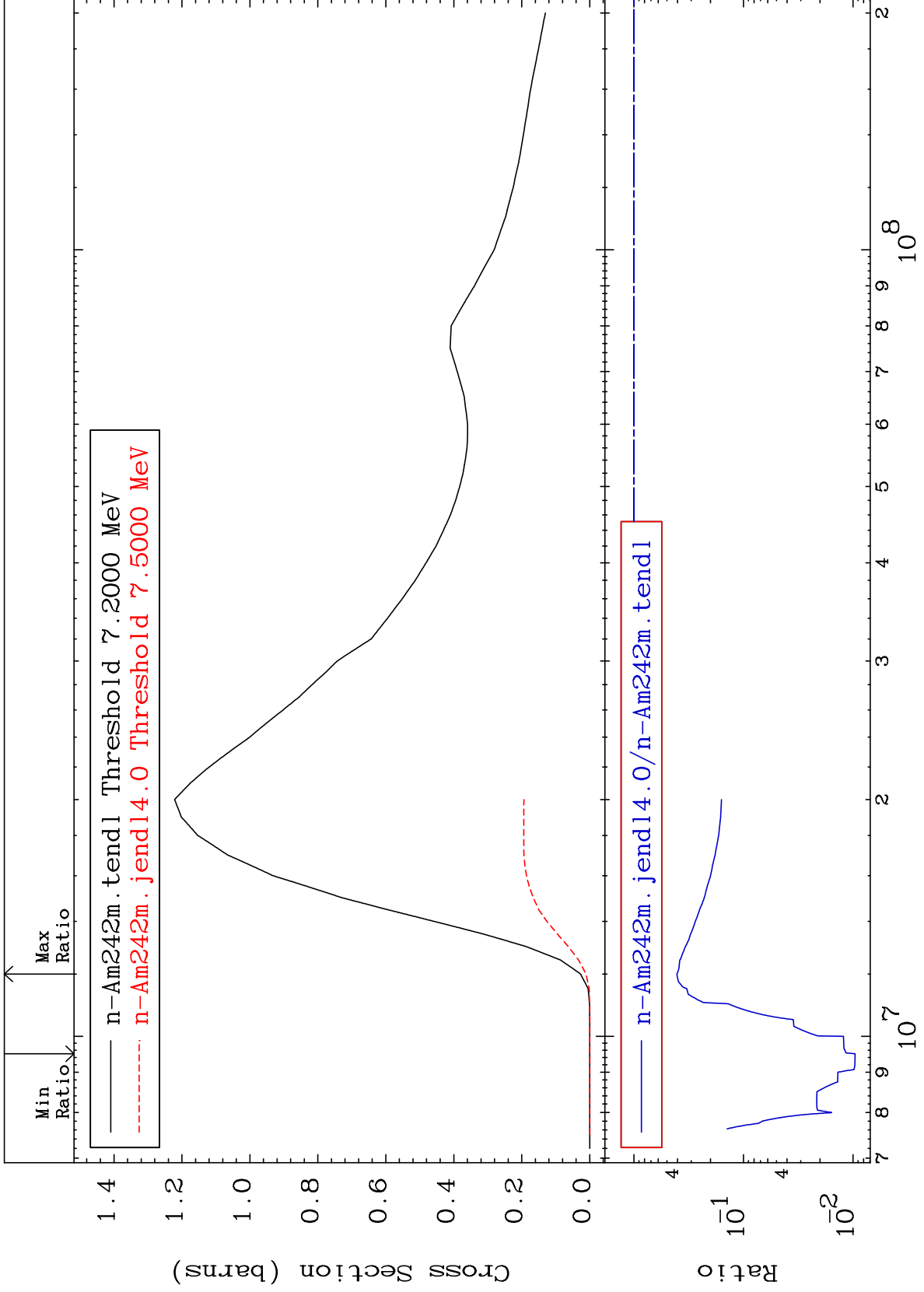




MAT 9547

(n,2nf) Third Chance
Cross Section

95-Am-242
-99.04 To -59.51%



9

95-Am-242

95-Am-242

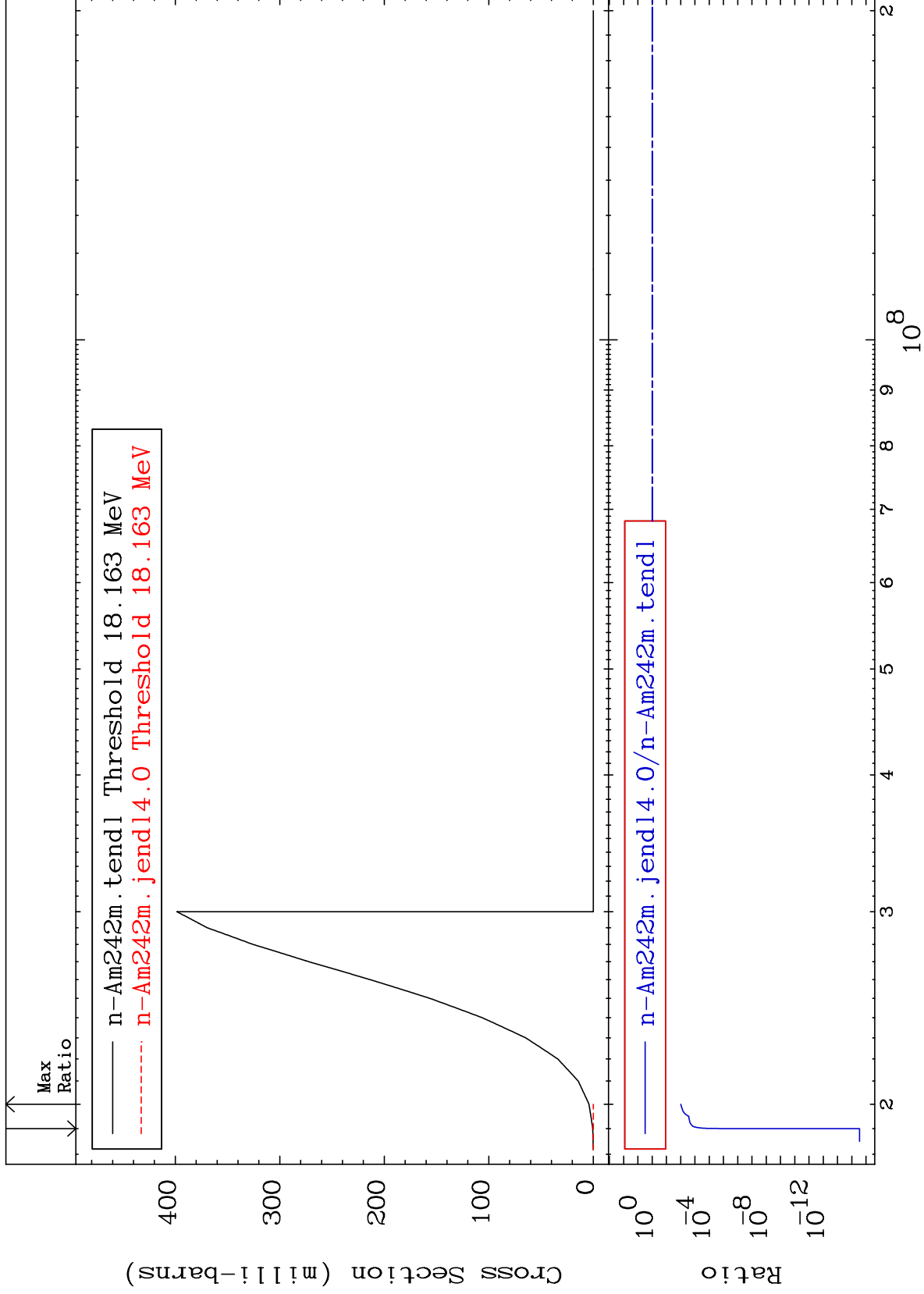
MAT 9547

(n,4n)

95-Am-242

Cross Section

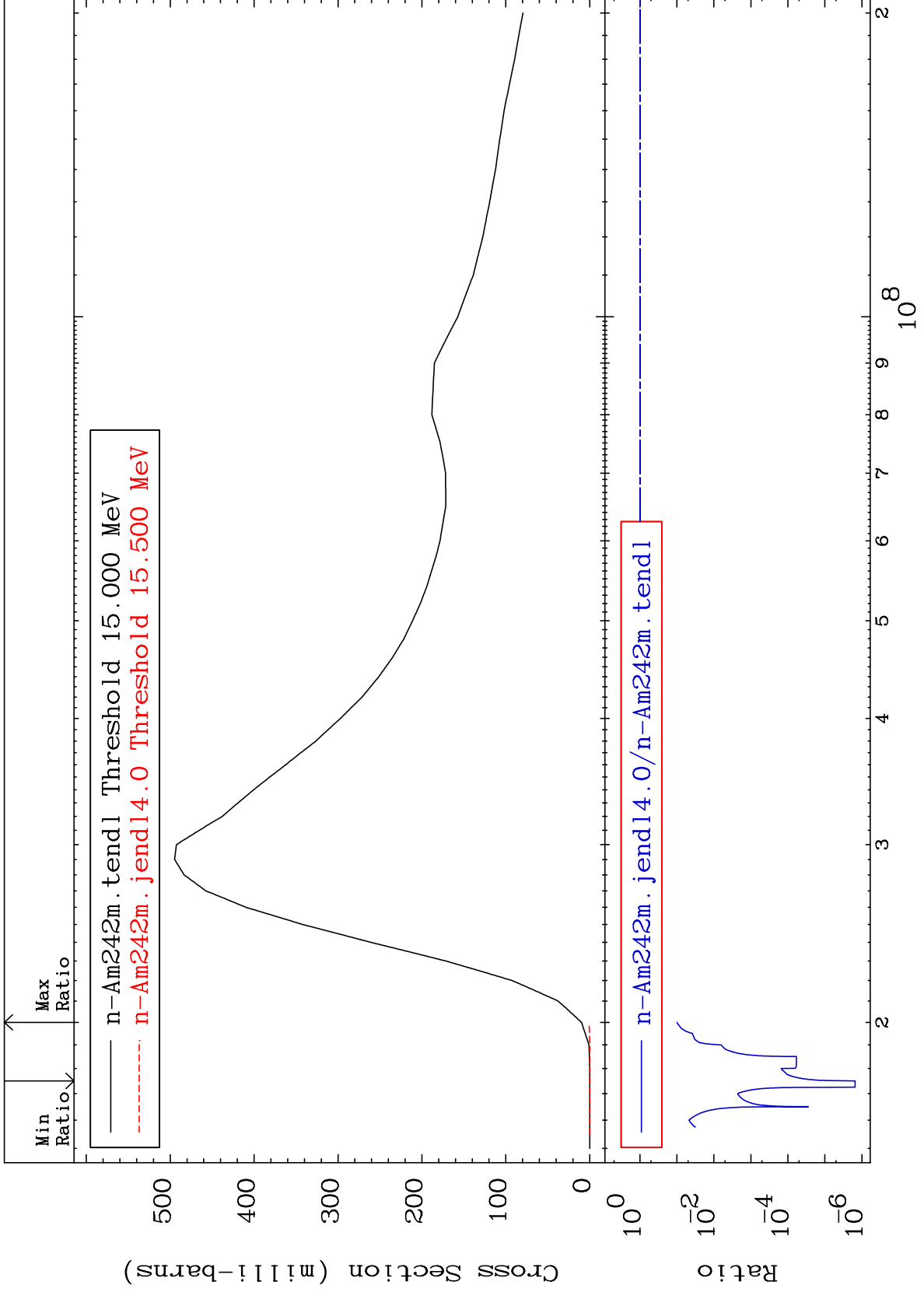
-100.0 To -99.01%



10

Incident Energy (eV)

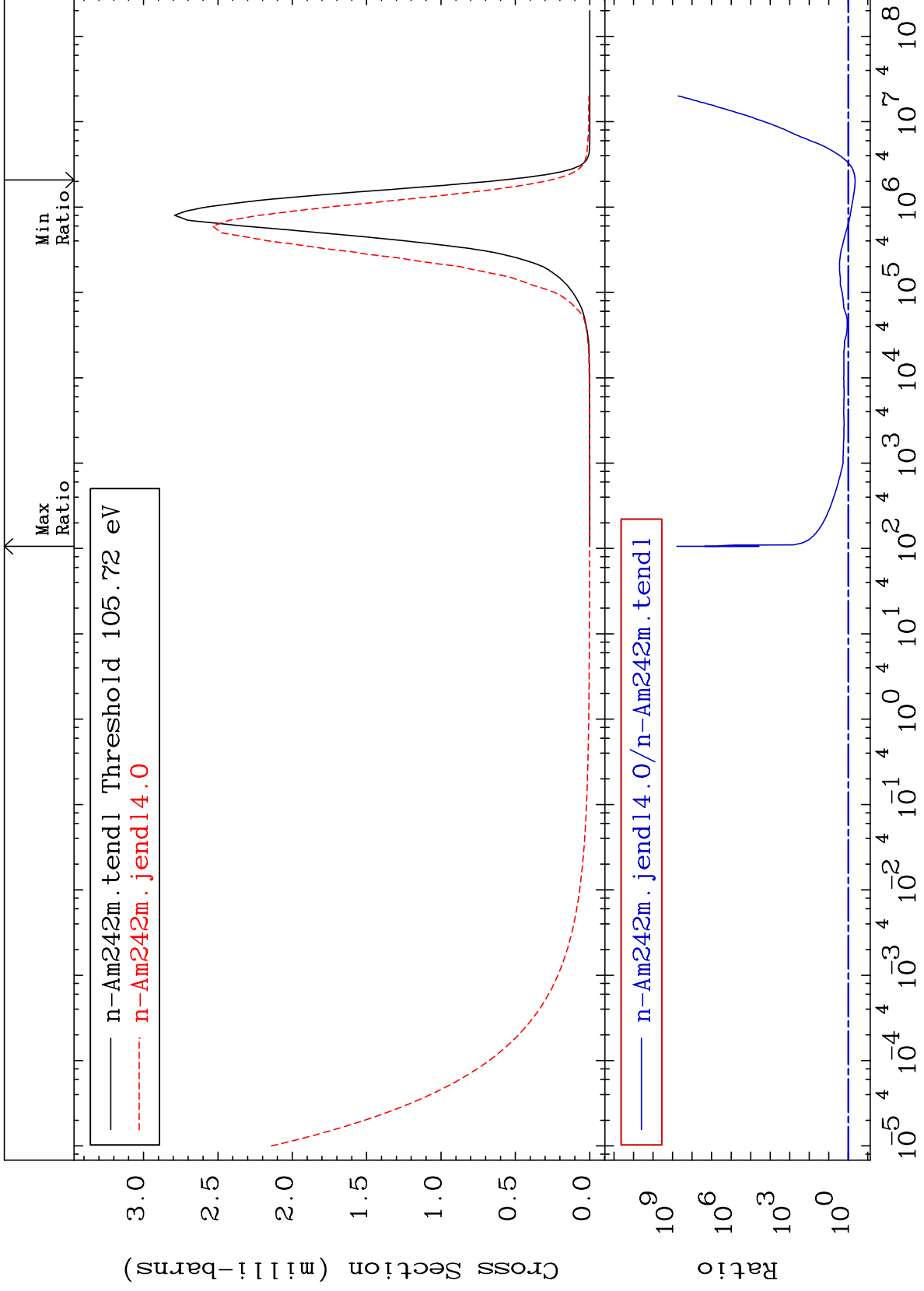
95-Am-242



MAT 9547

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

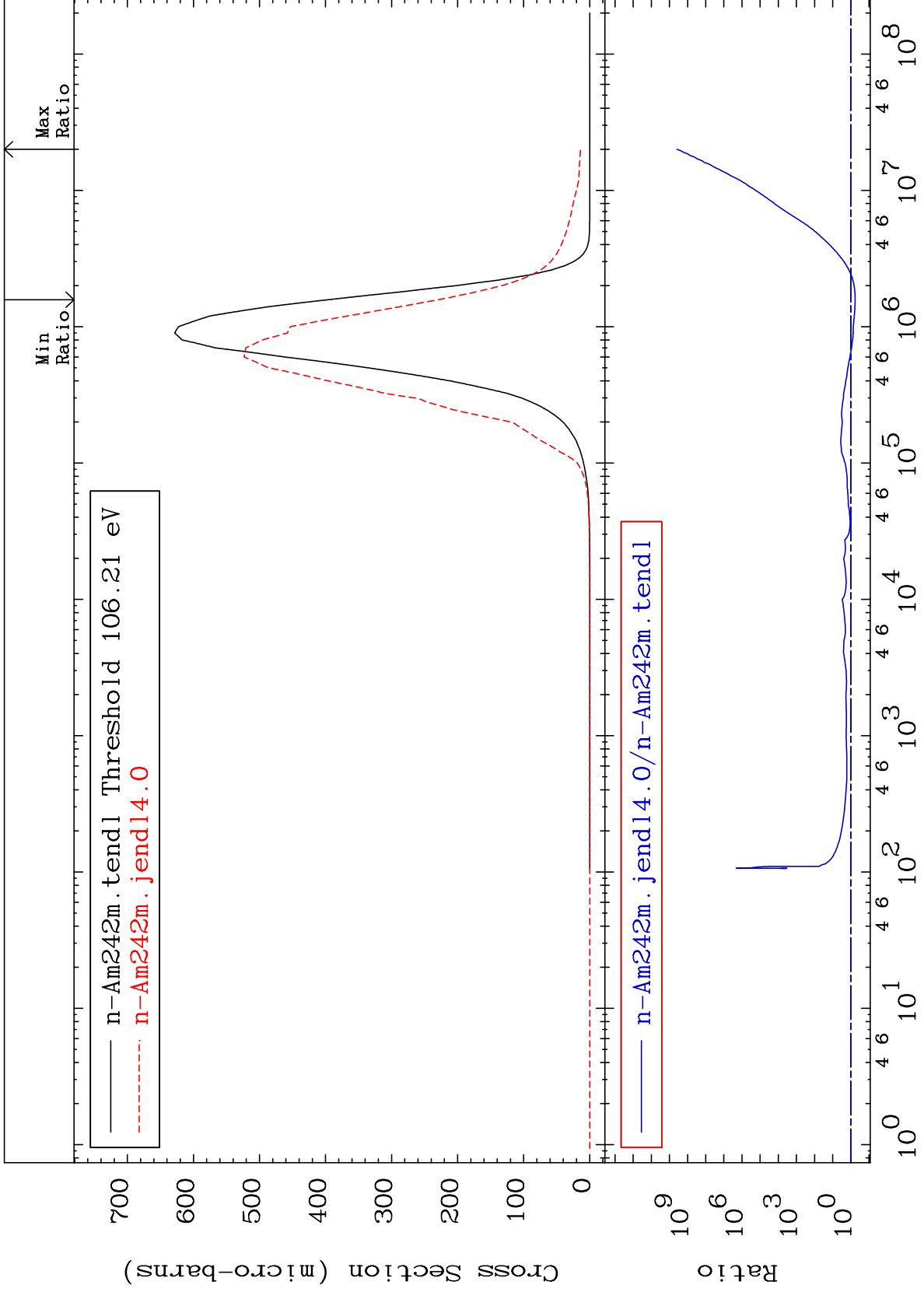
95-Am-242
-55.11 To 9999. %



MAT 9547

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

95-Am-242
-41.98 To 9999. %



13

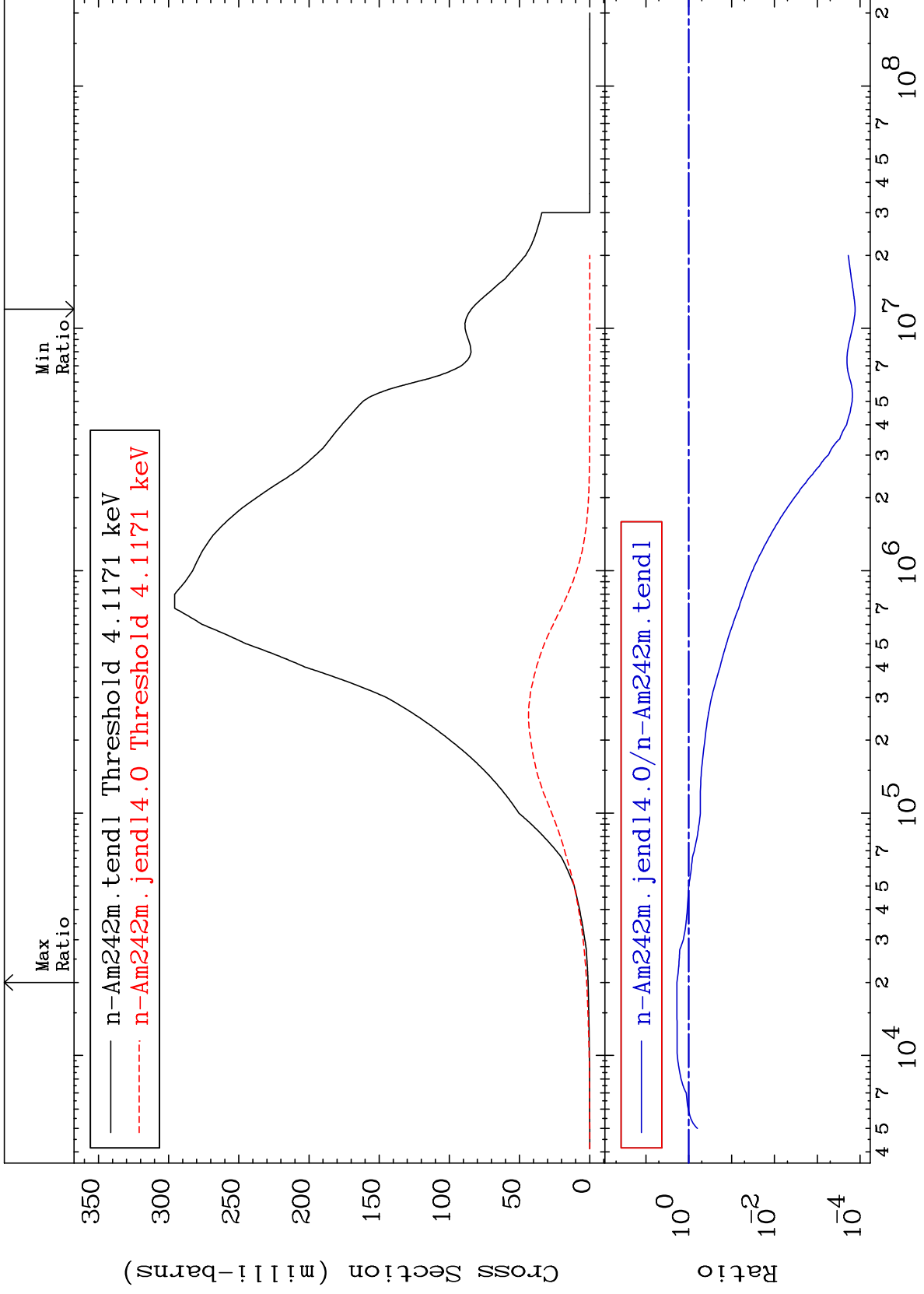
Incident Energy (eV)

95-Am-242

MAT 9547

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

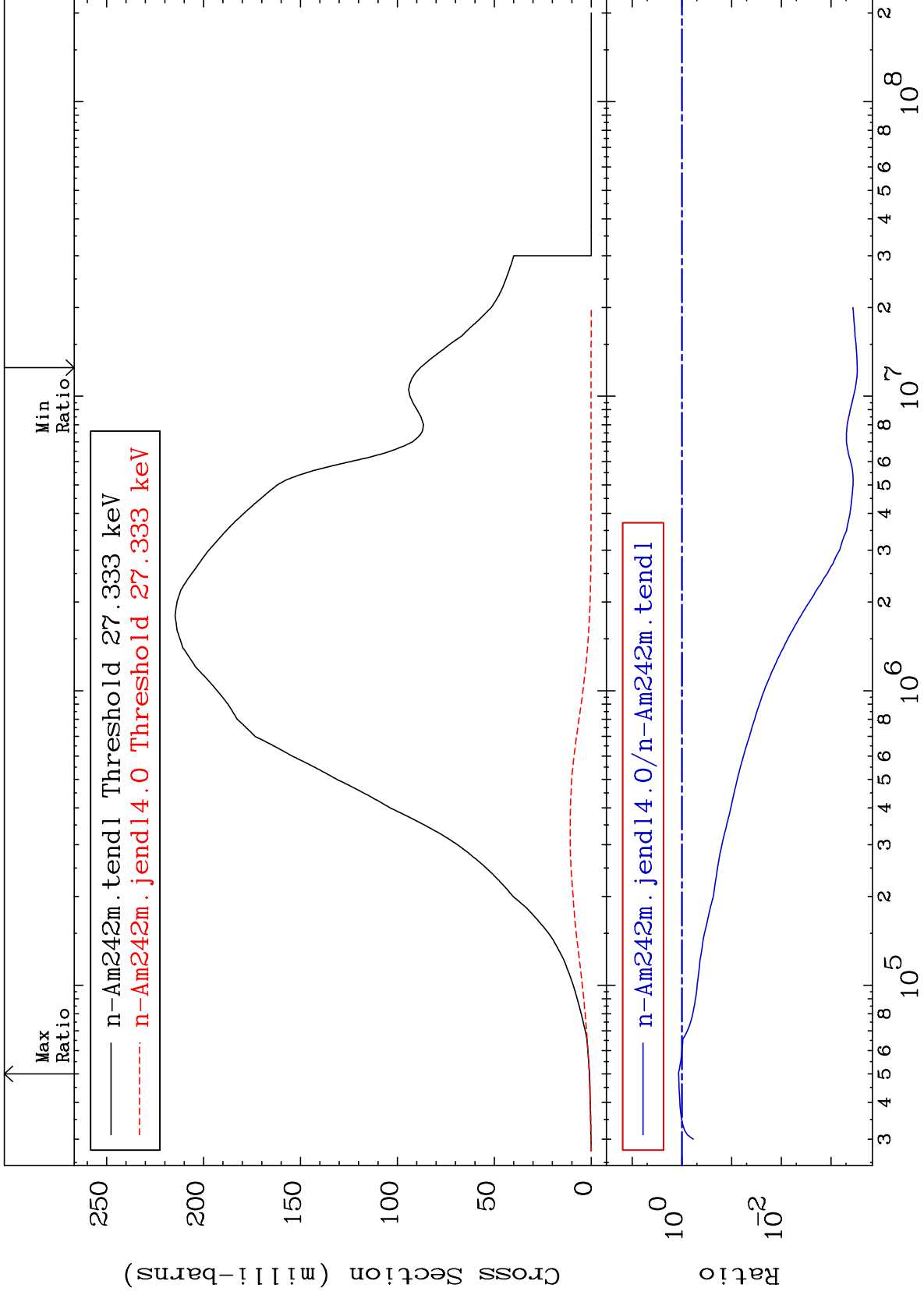
95-Am-242
-99.99 To 89.29 %



MAT 9547

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

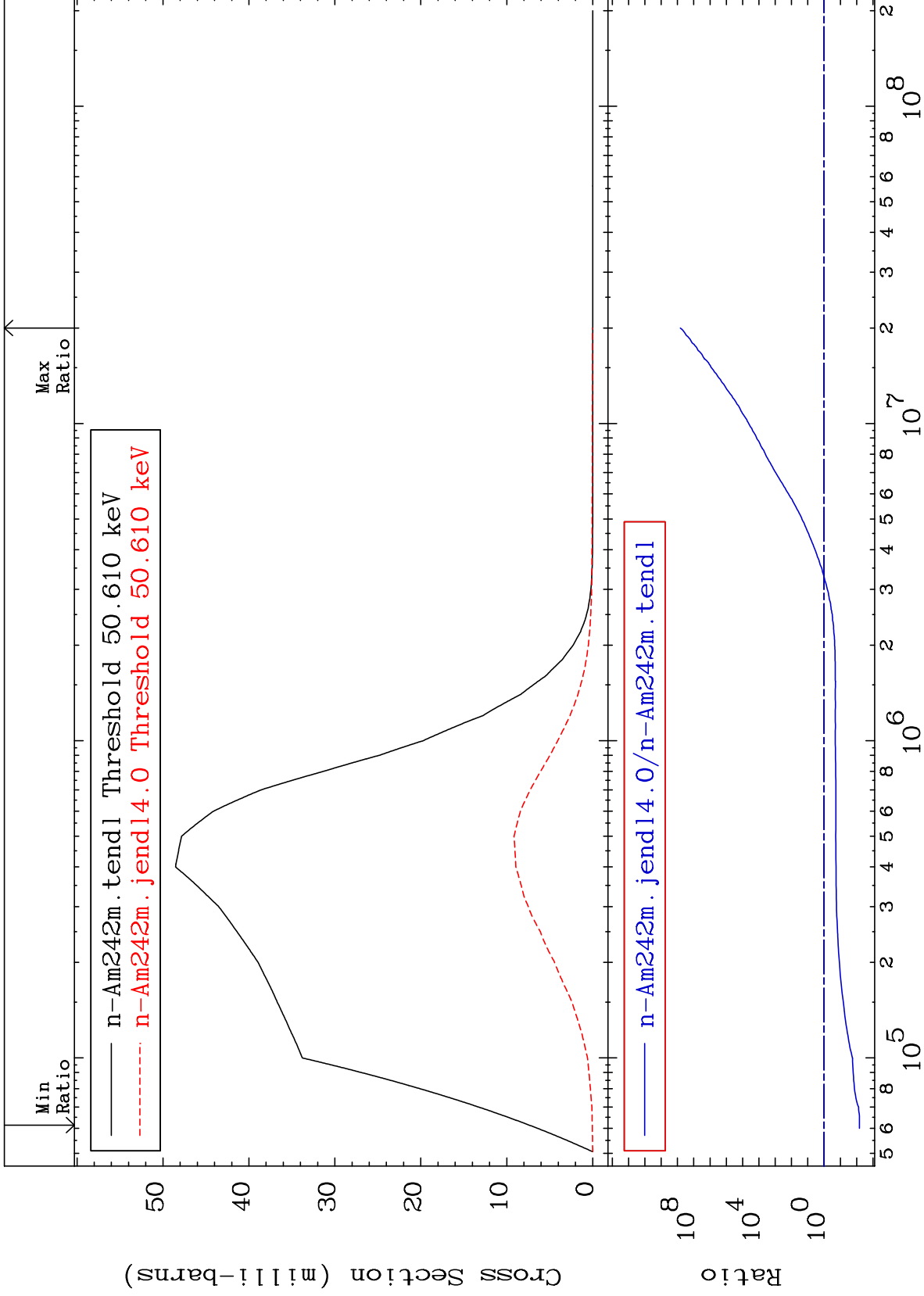
95-Am-242
-99.97 To 16.01 %



MAT 9547

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

95-Am-242
-99.33 To 9999. %



16

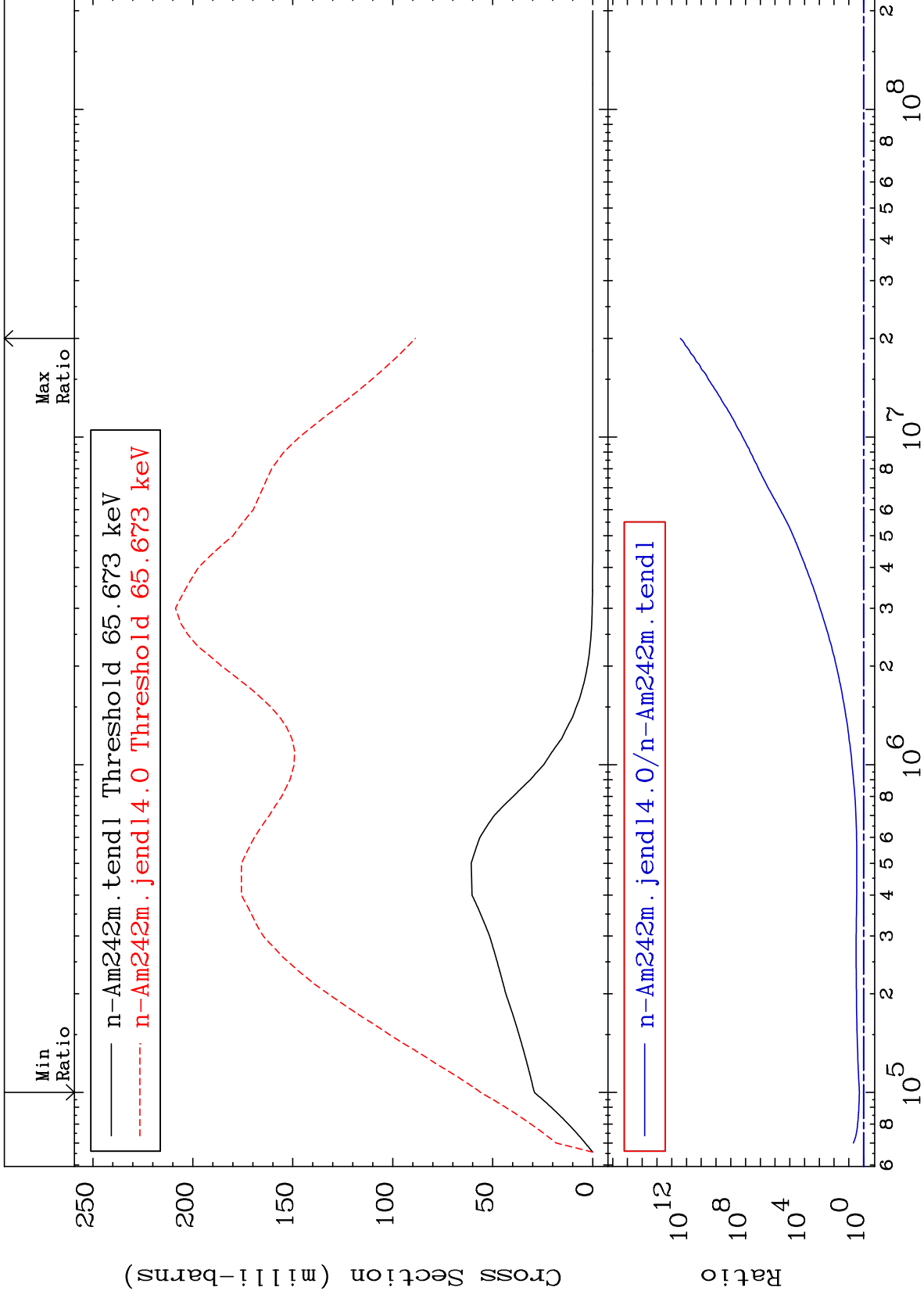
Incident Energy (eV)

95-Am-242

MAT 9547

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

95-Am-242
91.59 To 9999. %



17

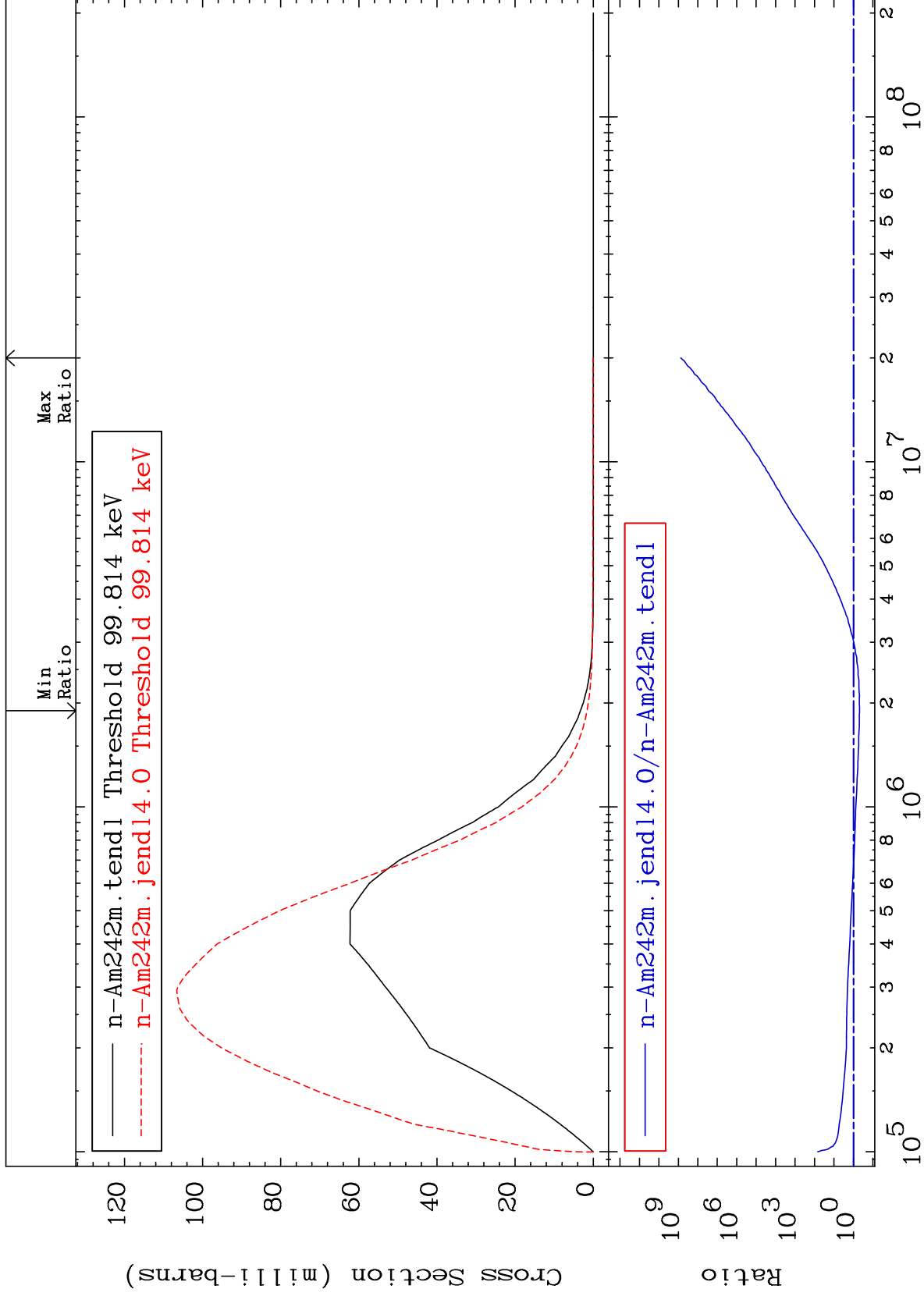
Incident Energy (eV)

95-Am-242

MAT 9547

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

95-Am-242
-51.53 To 9999. %



18

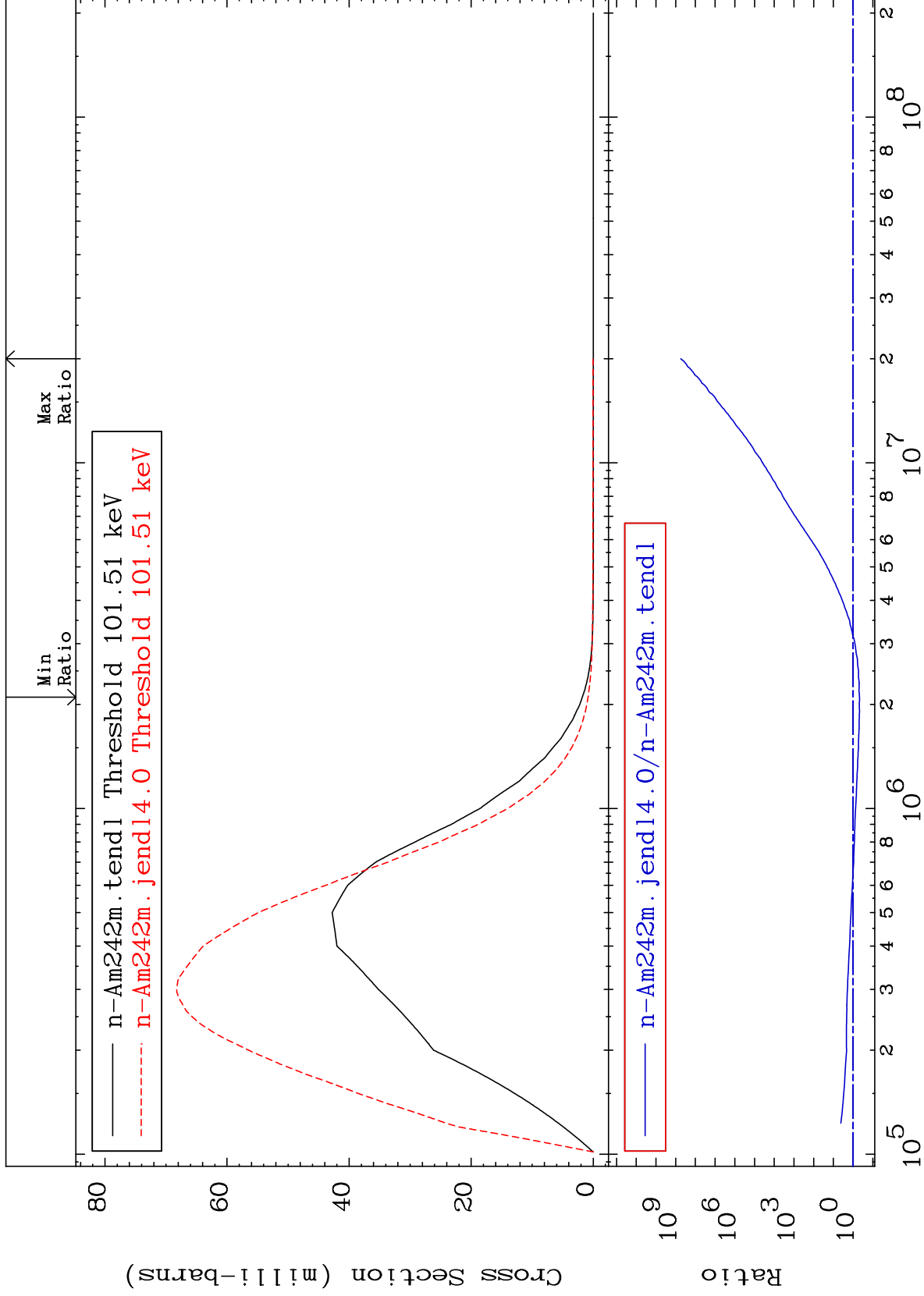
Incident Energy (eV)

95-Am-242

MAT 9547

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

95-Am-242
-52.75 To 9999. %



19

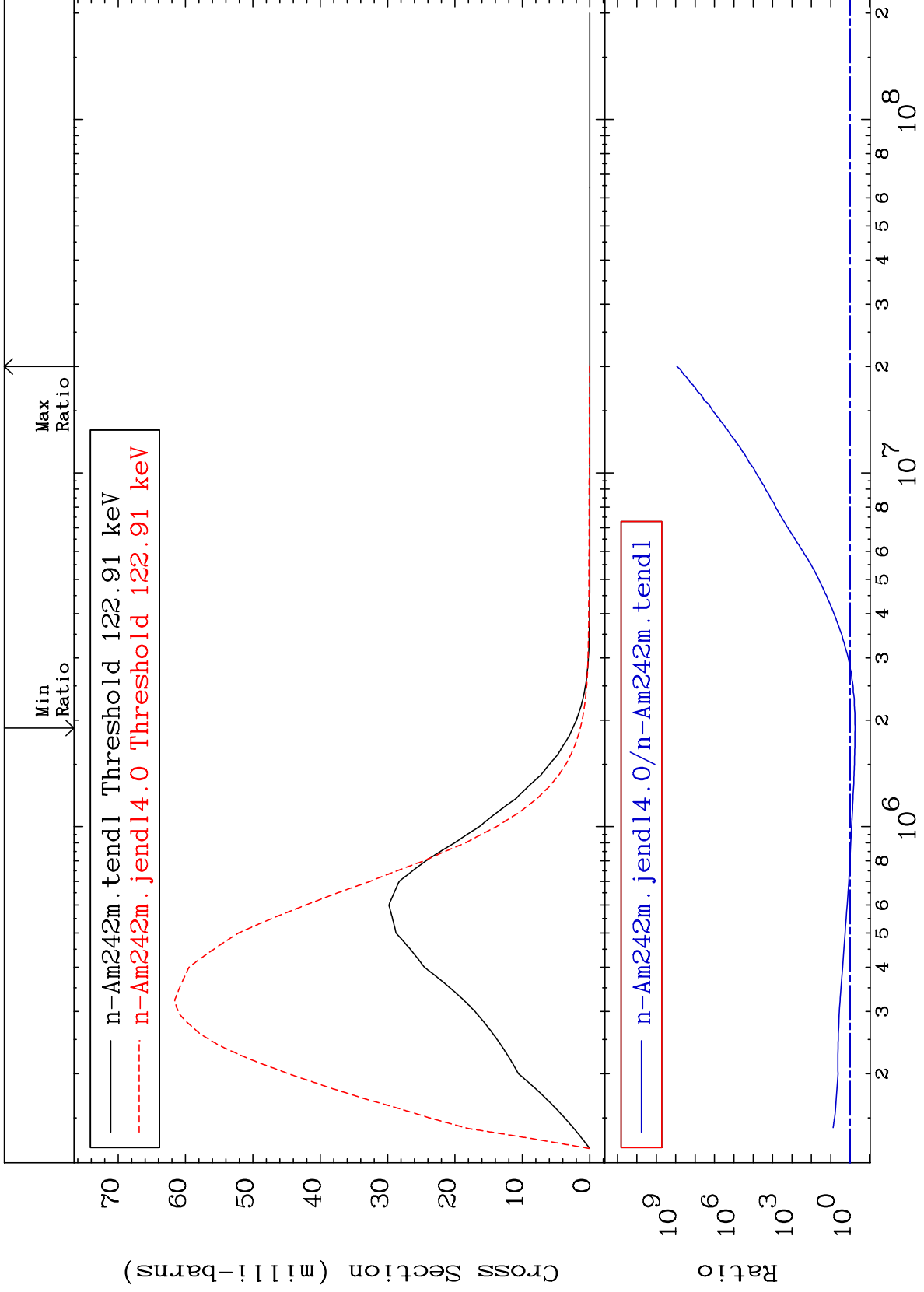
Incident Energy (eV)

95-Am-242

MAT 9547

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

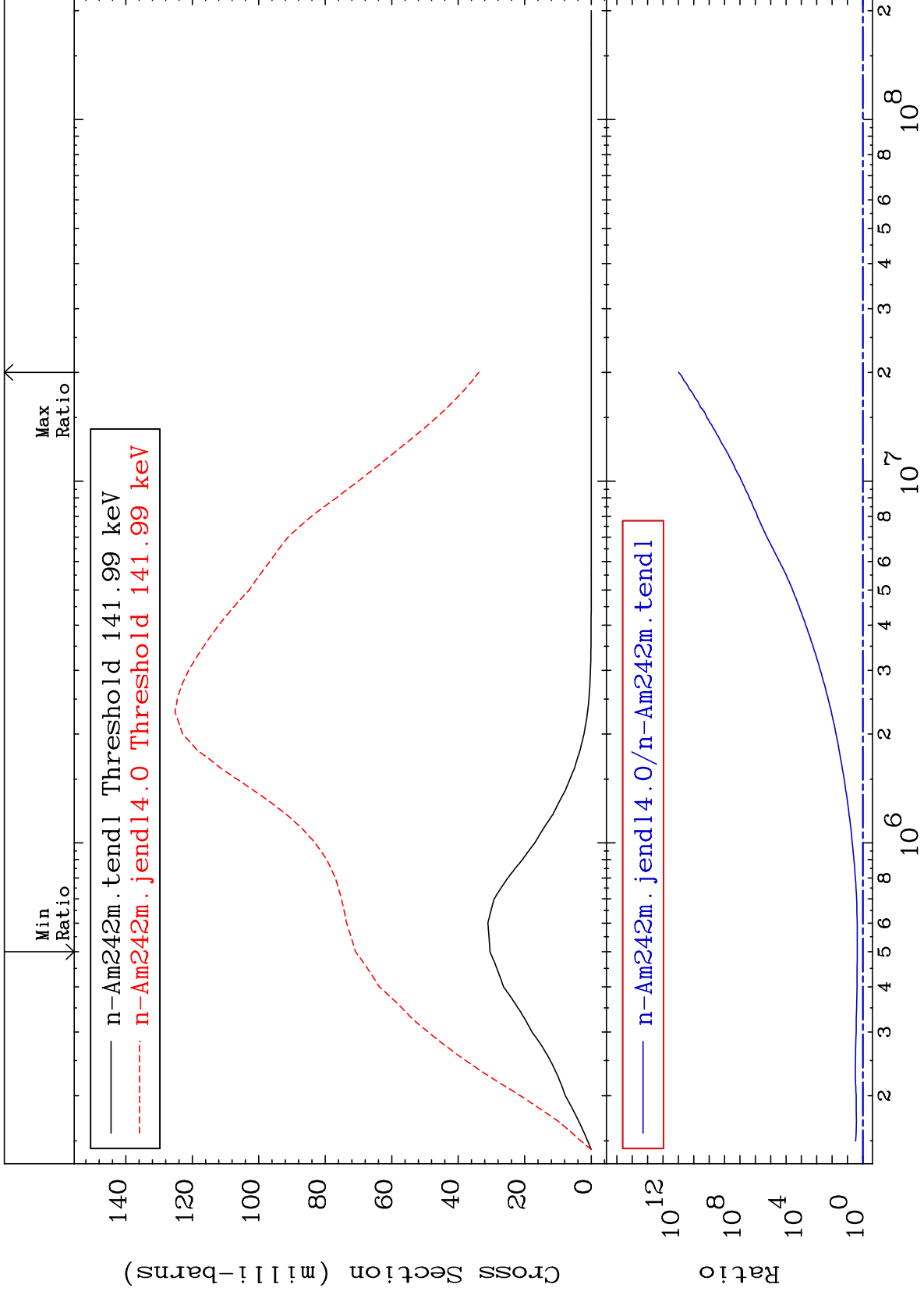
95-Am-242
-44.66 To 9999. %



MAT 9547

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

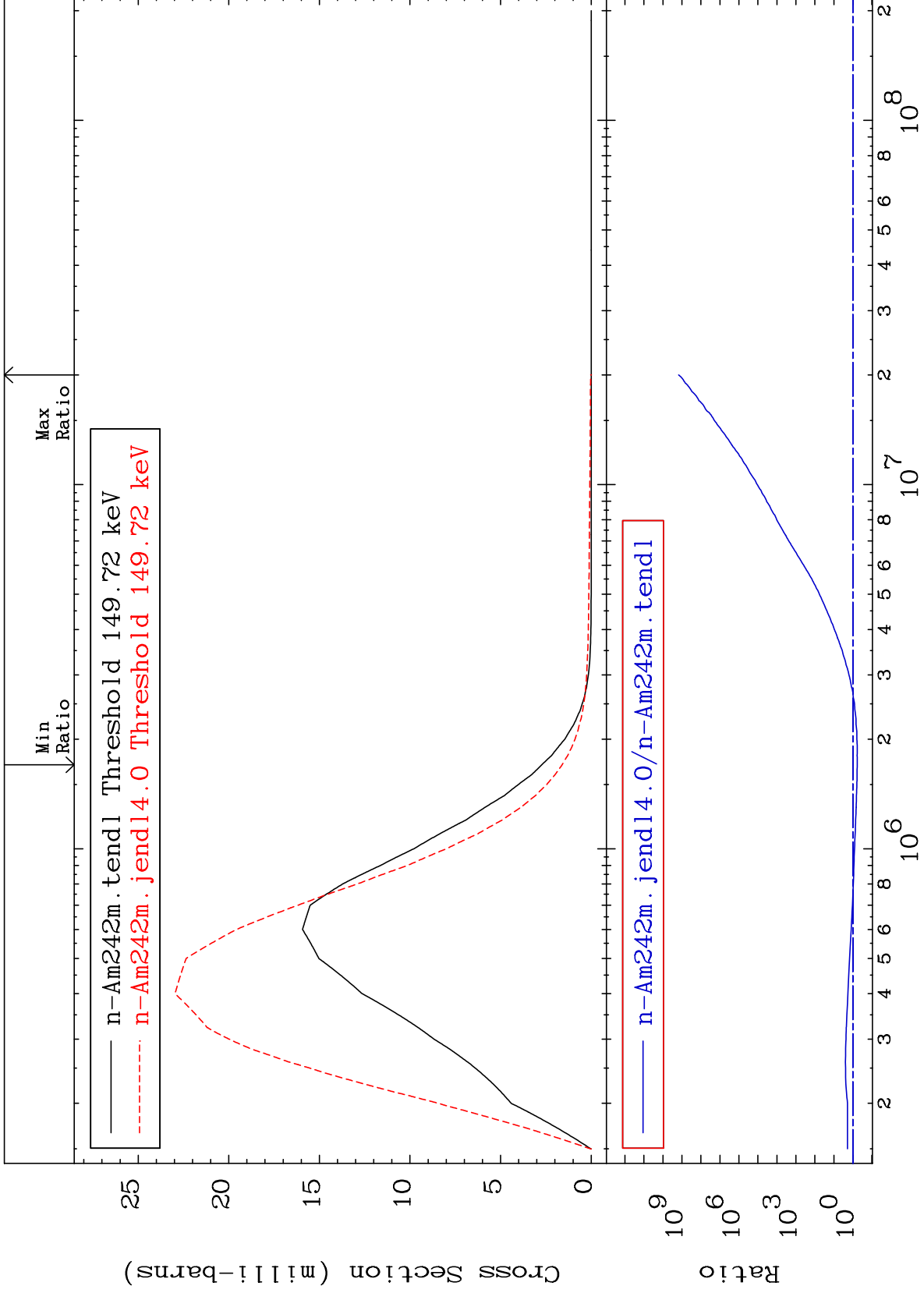
95-Am-242
133.1 To 9999. %



MAT 9547

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

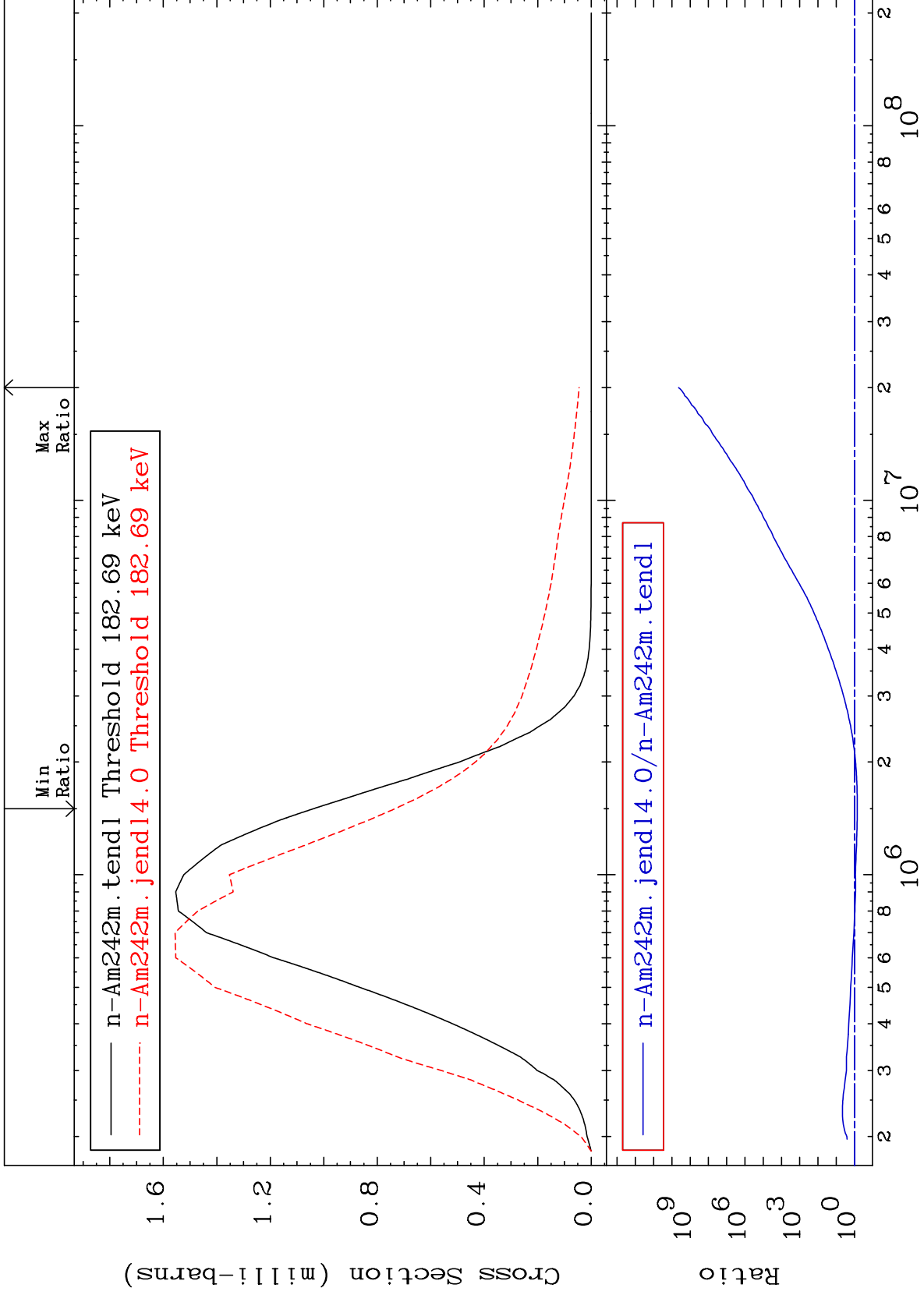
95-Am-242
-41.33 To 9999. %



MAT 9547

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

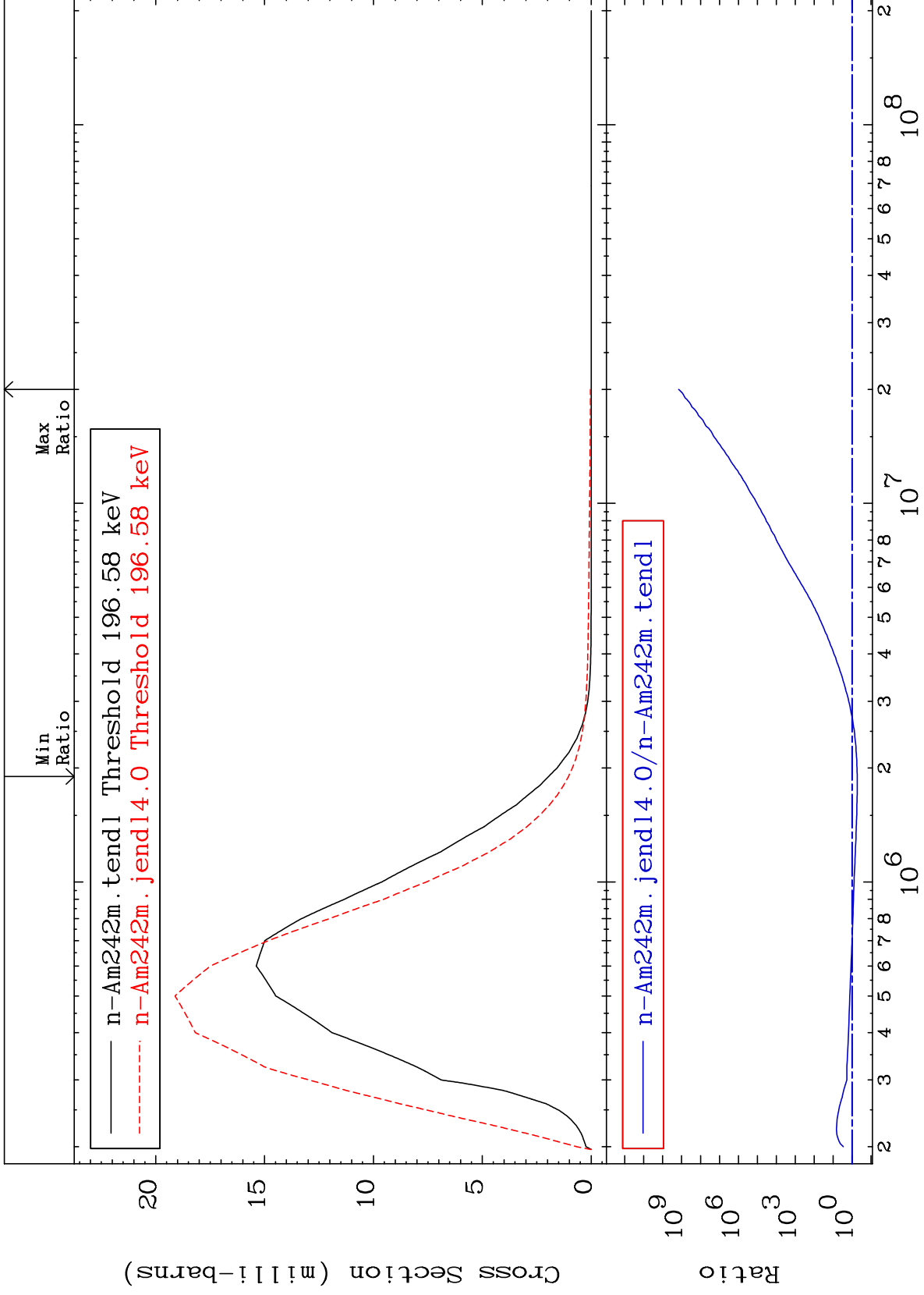
95-Am-242
-29.45 To 9999. %



MAT 9547

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

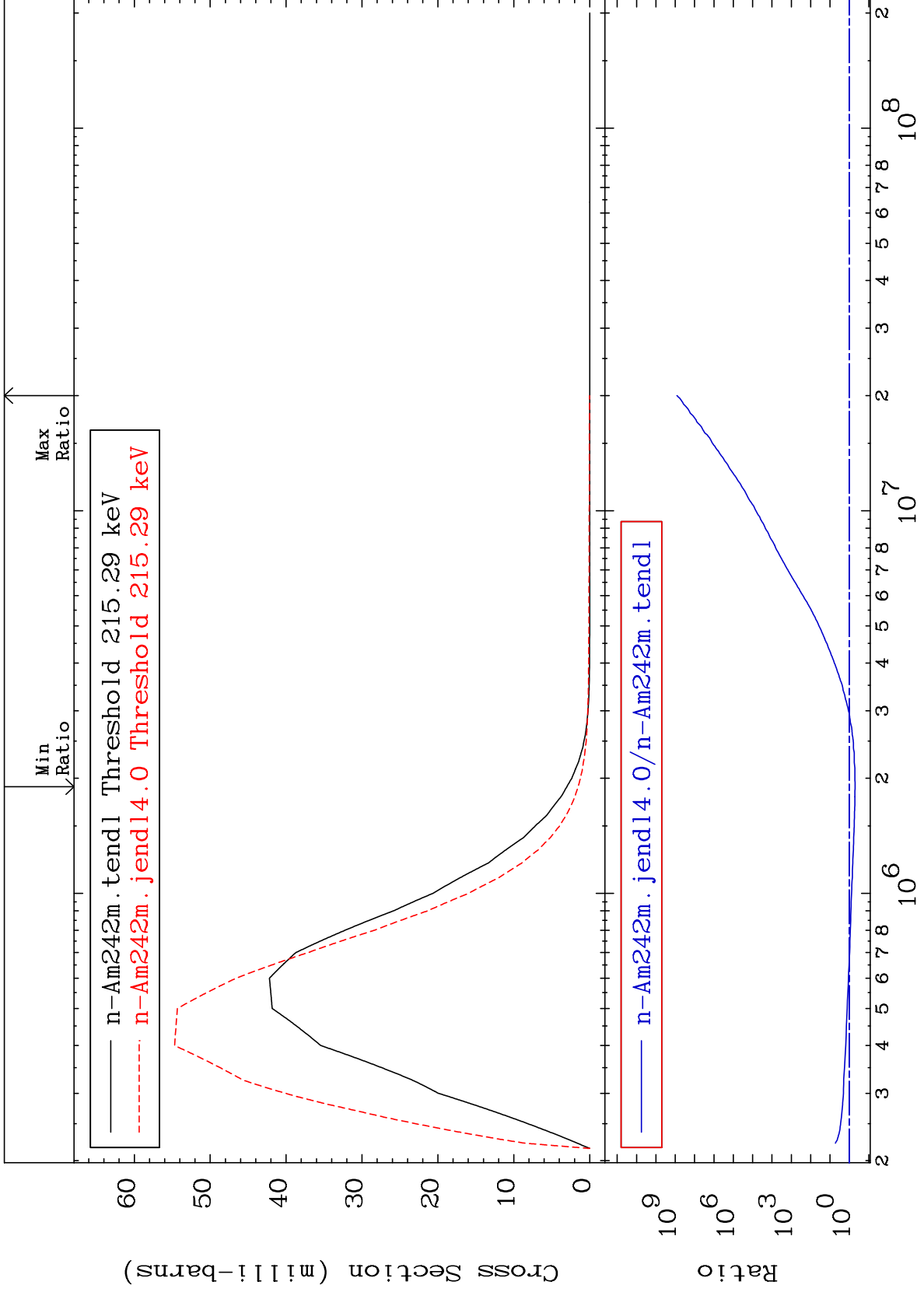
95-Am-242
-46.79 To 9999. %



MAT 9547

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

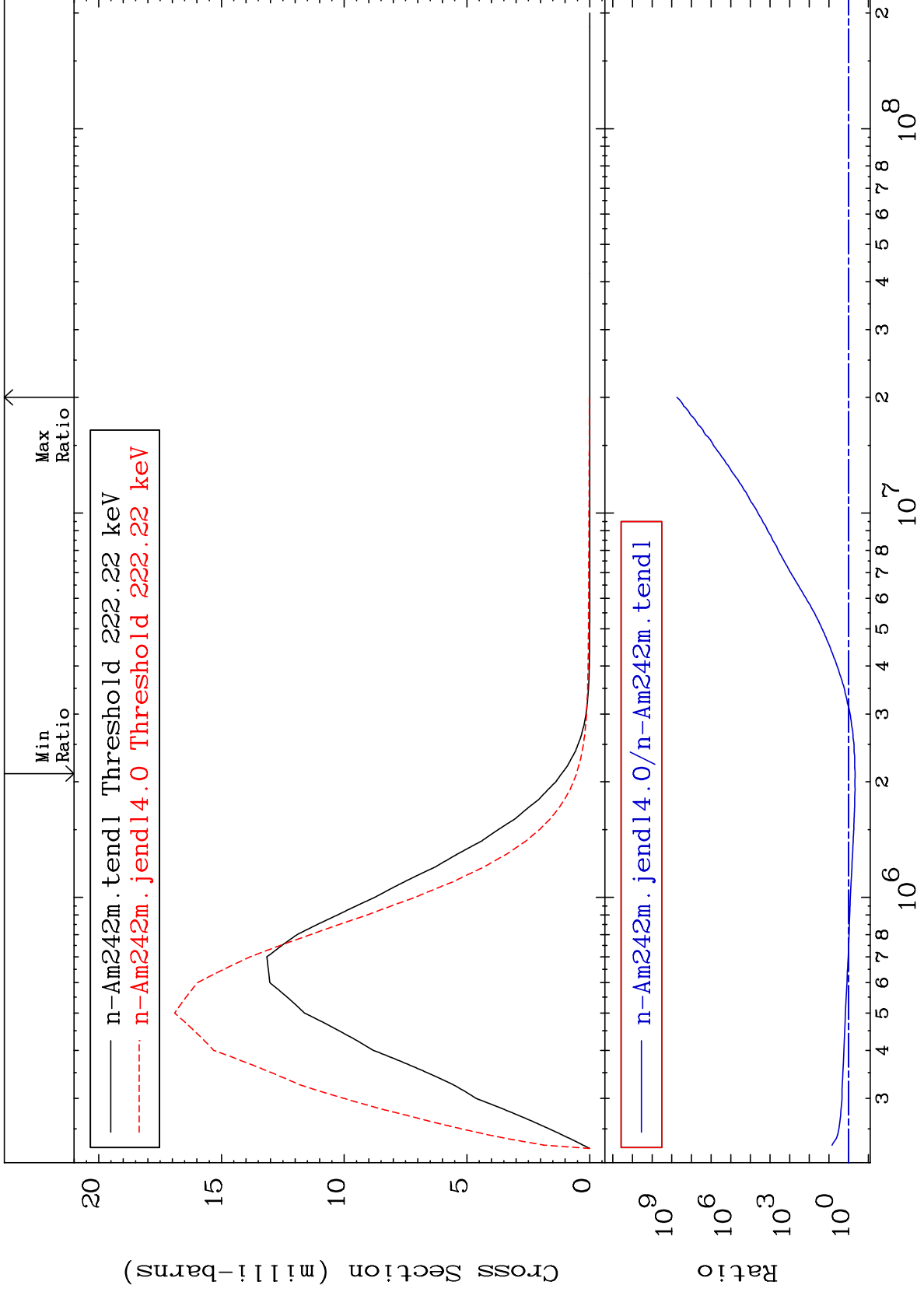
95-Am-242
-49.60 To 9999. %



MAT 9547

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

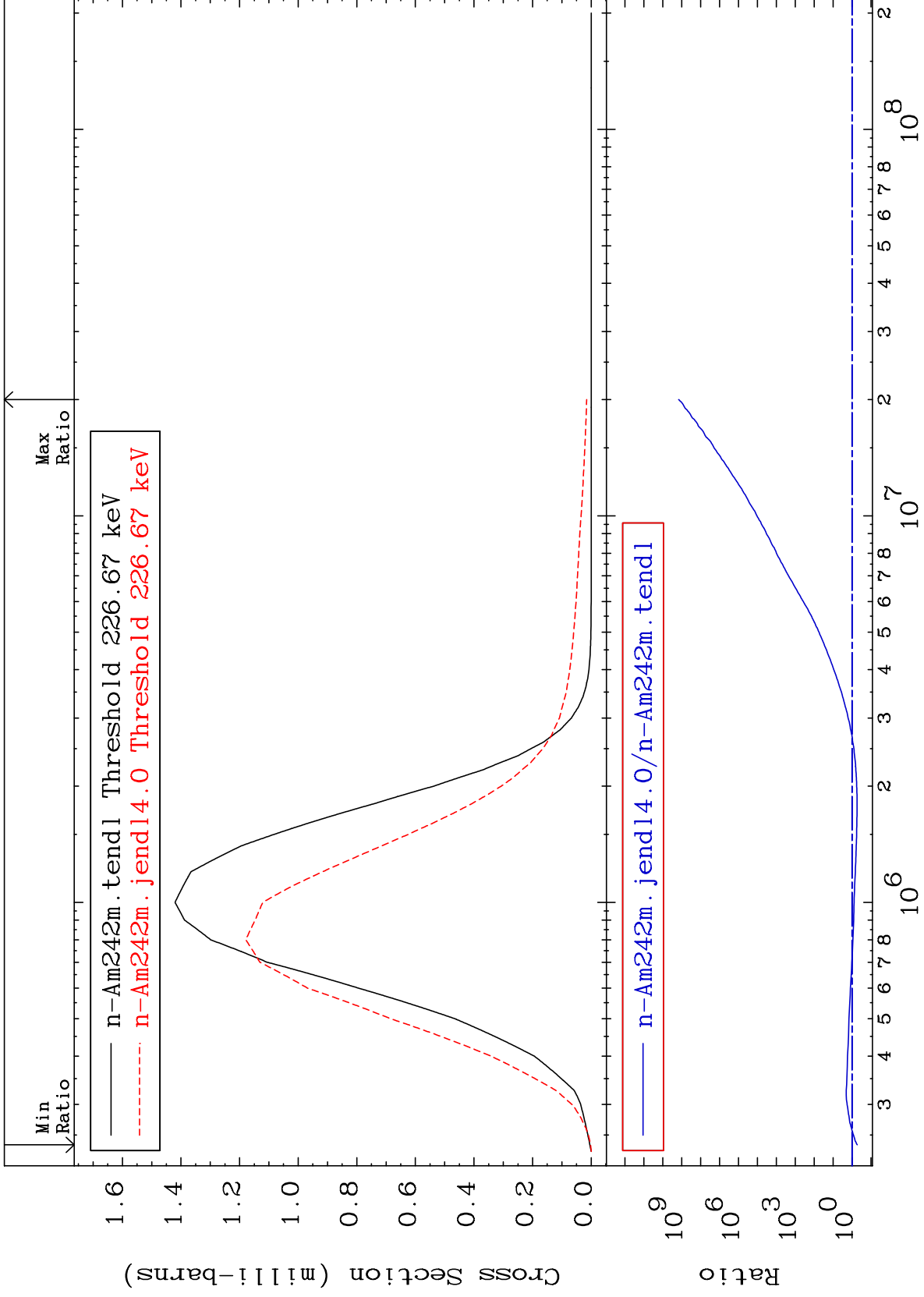
95-Am-242
-53.08 To 9999. %



MAT 9547

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

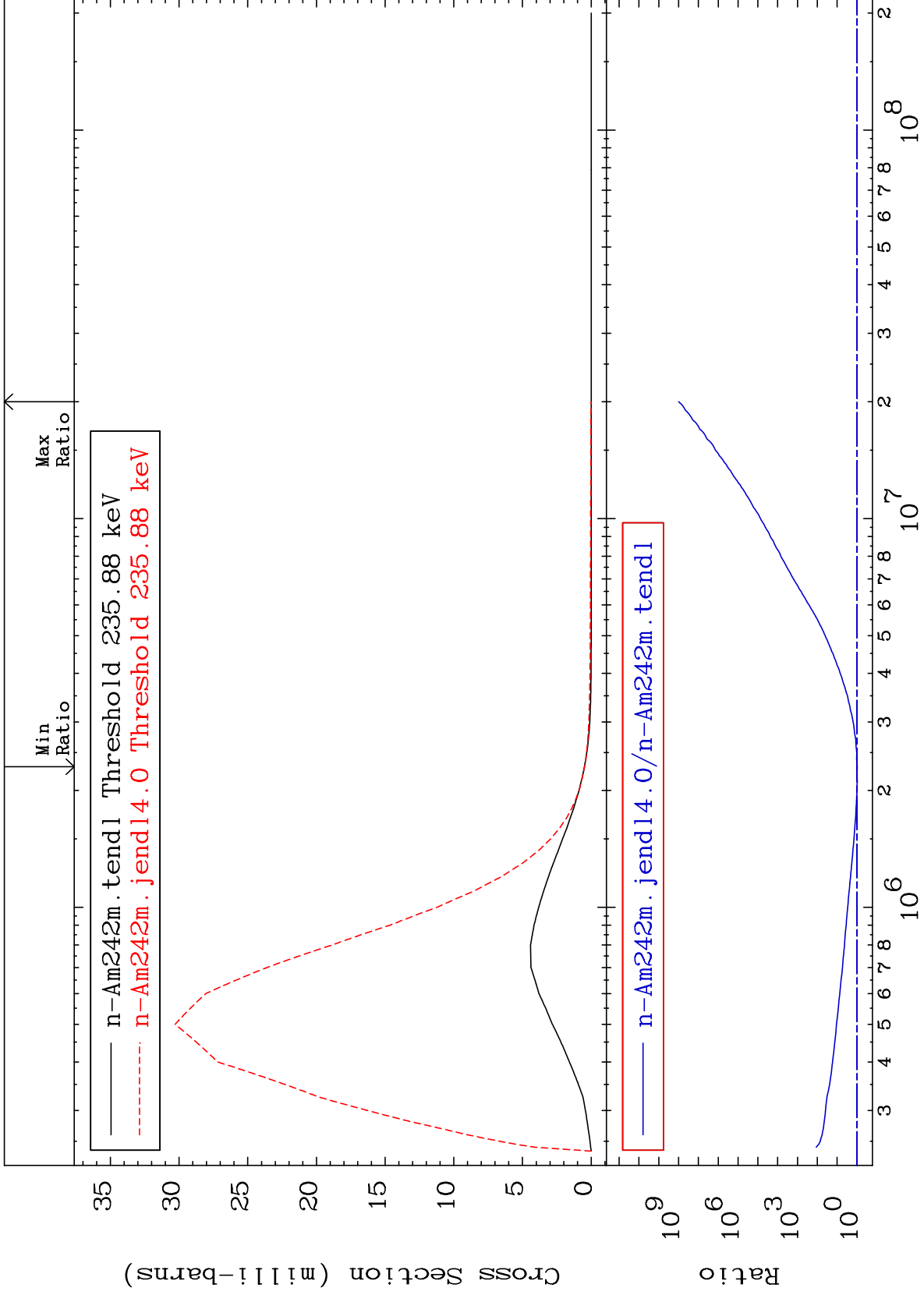
95-Am-242
-46.64 To 9999. %



MAT 9547

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

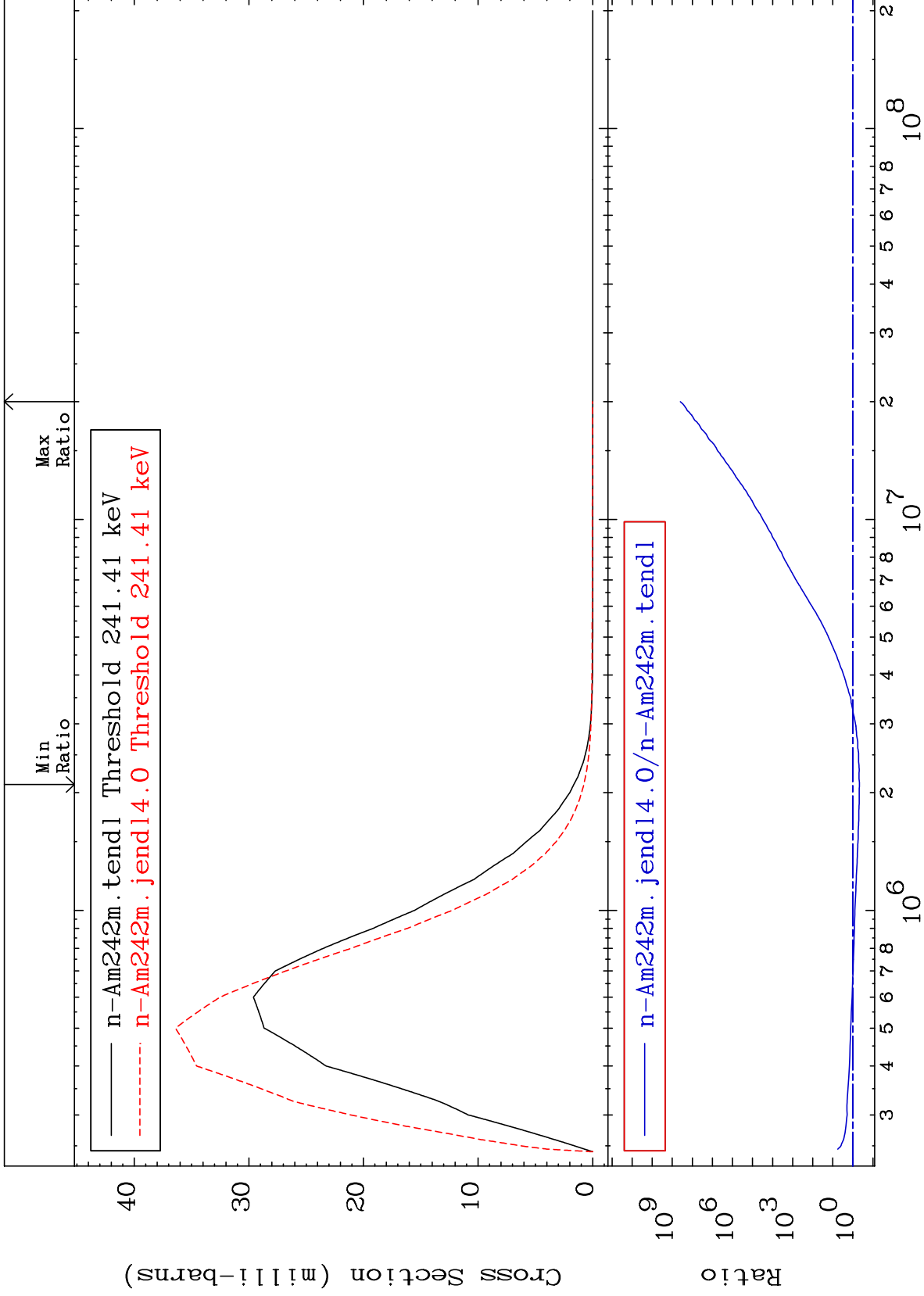
95-Am-242
-3.104 To 9999. %



MAT 9547

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

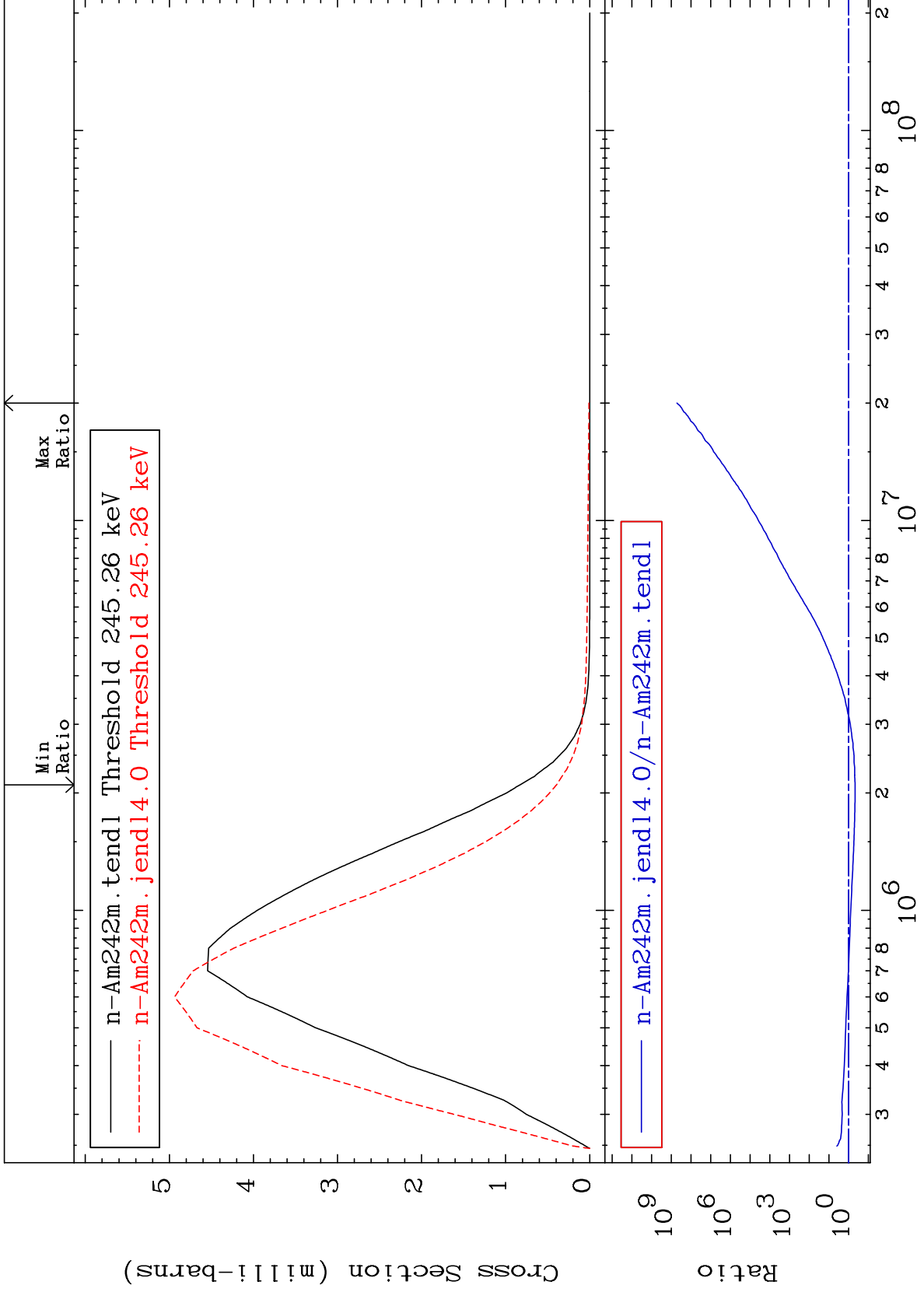
95-Am-242
-53.05 To 9999. %



MAT 9547

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

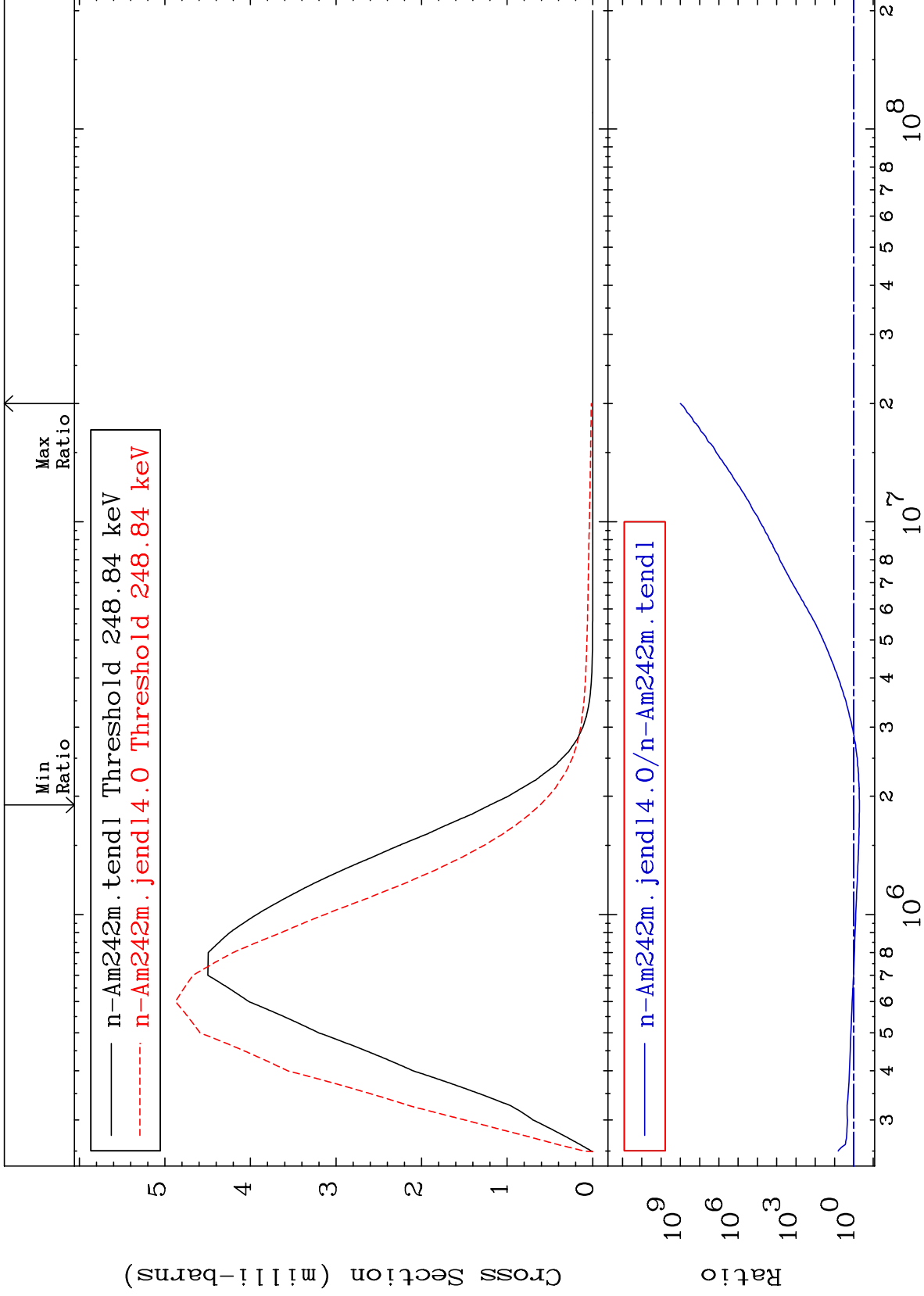
95-Am-242
-52.38 To 9999. %



MAT 9547

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

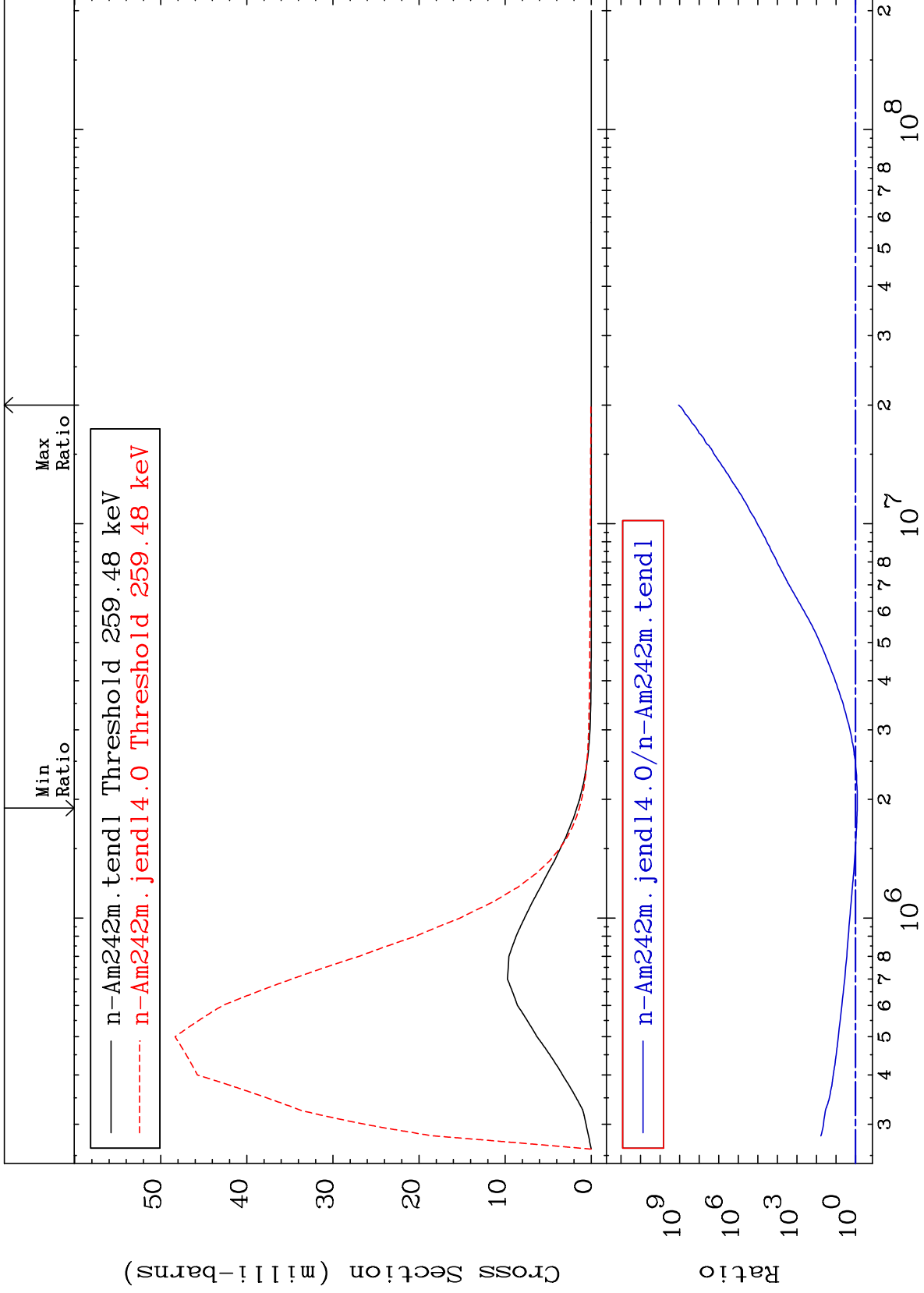
95-Am-242
-48.72 To 9999. %



MAT 9547

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

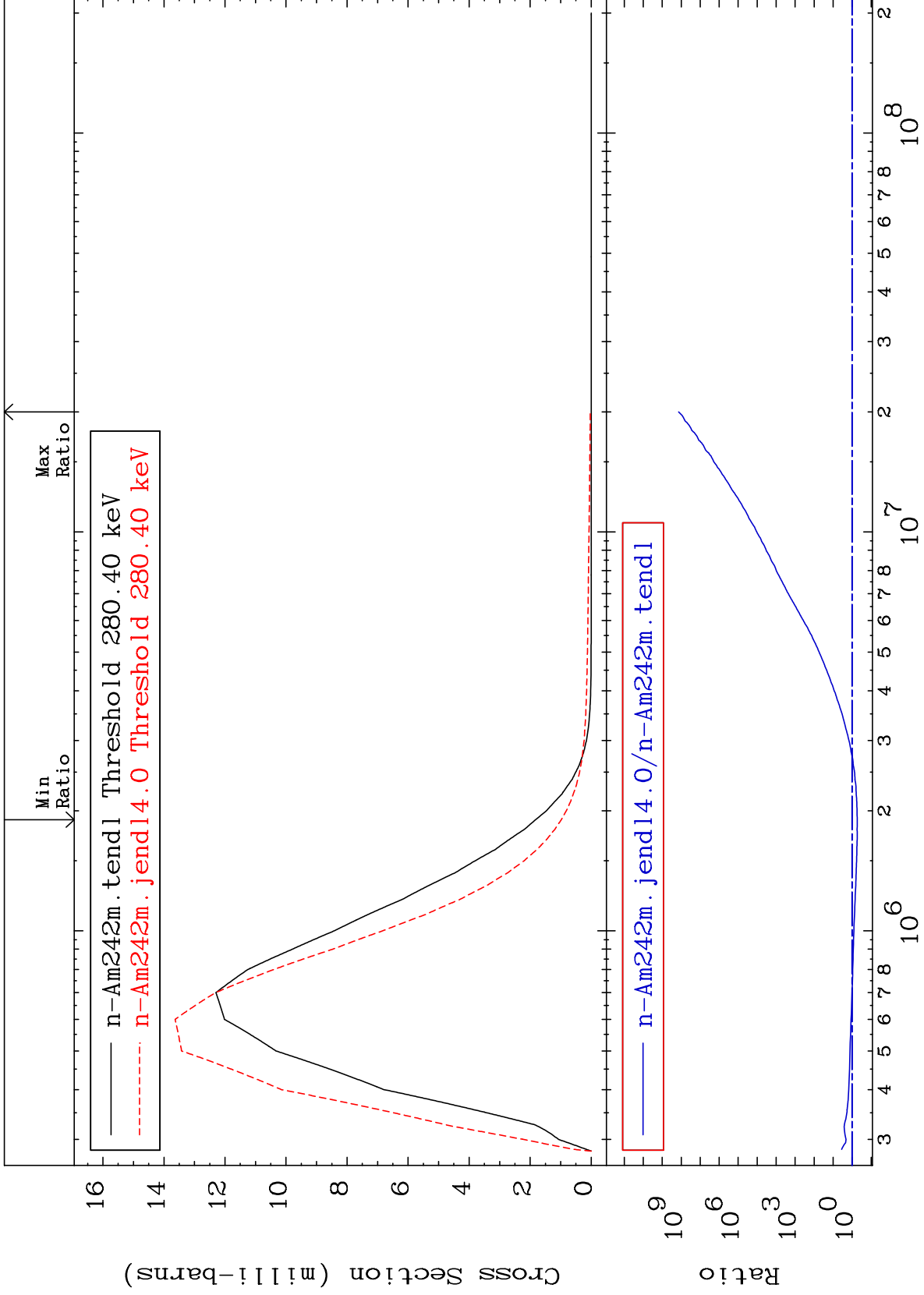
95-Am-242
-18.06 To 9999. %



MAT 9547

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

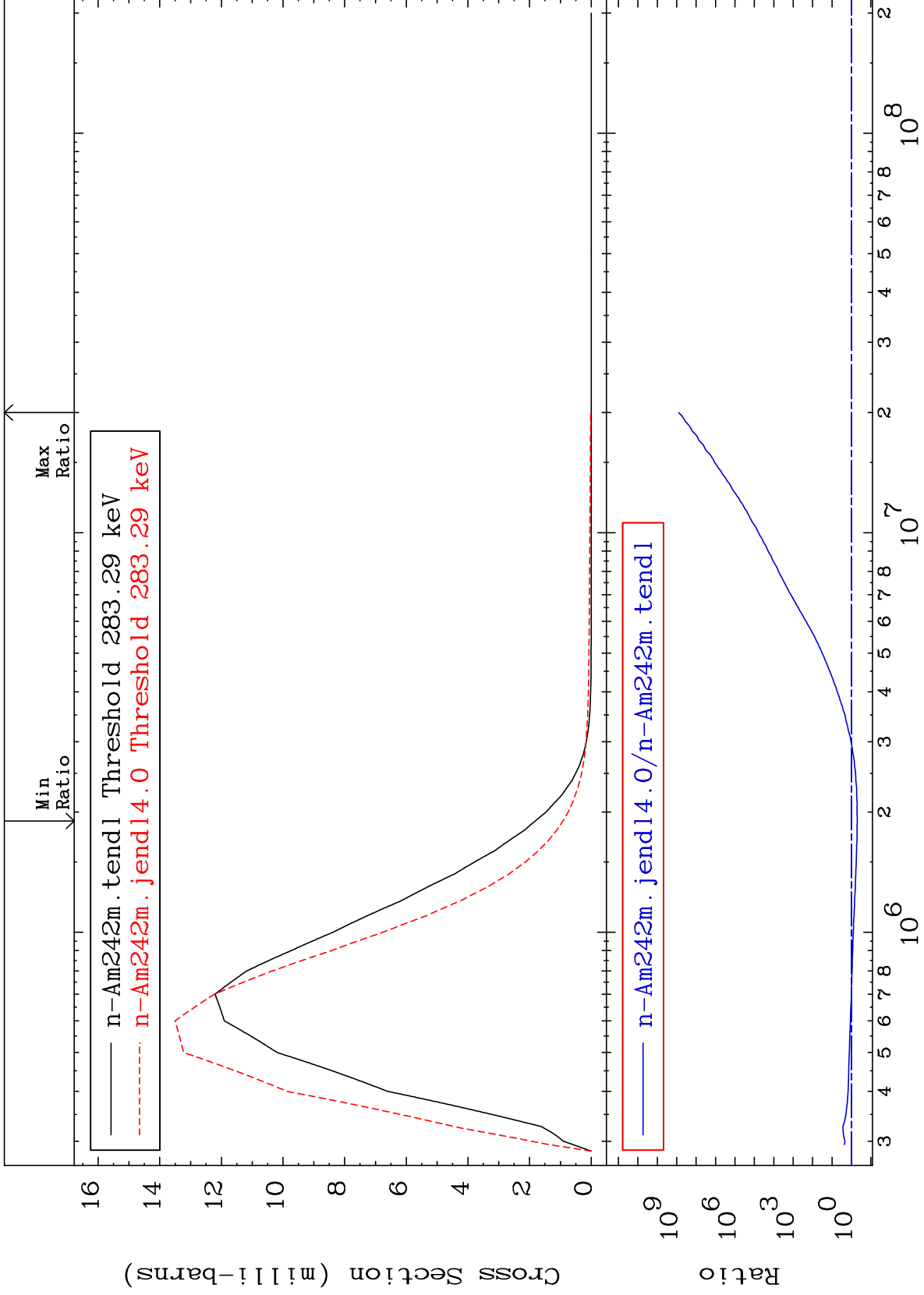
95-Am-242
-46.29 To 9999. %



MAT 9547

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

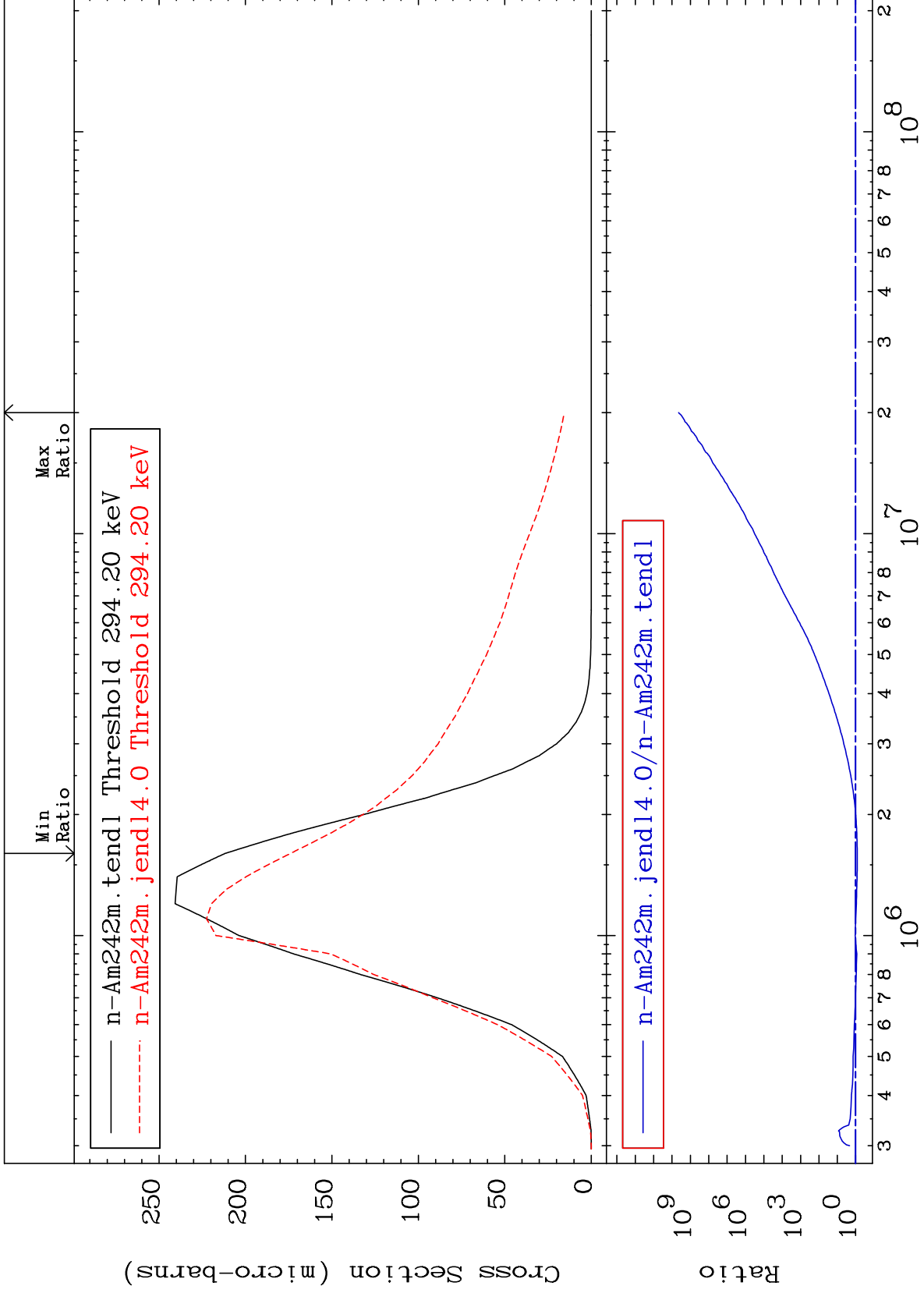
95-Am-242
-49.76 To 9999. %



MAT 9547

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

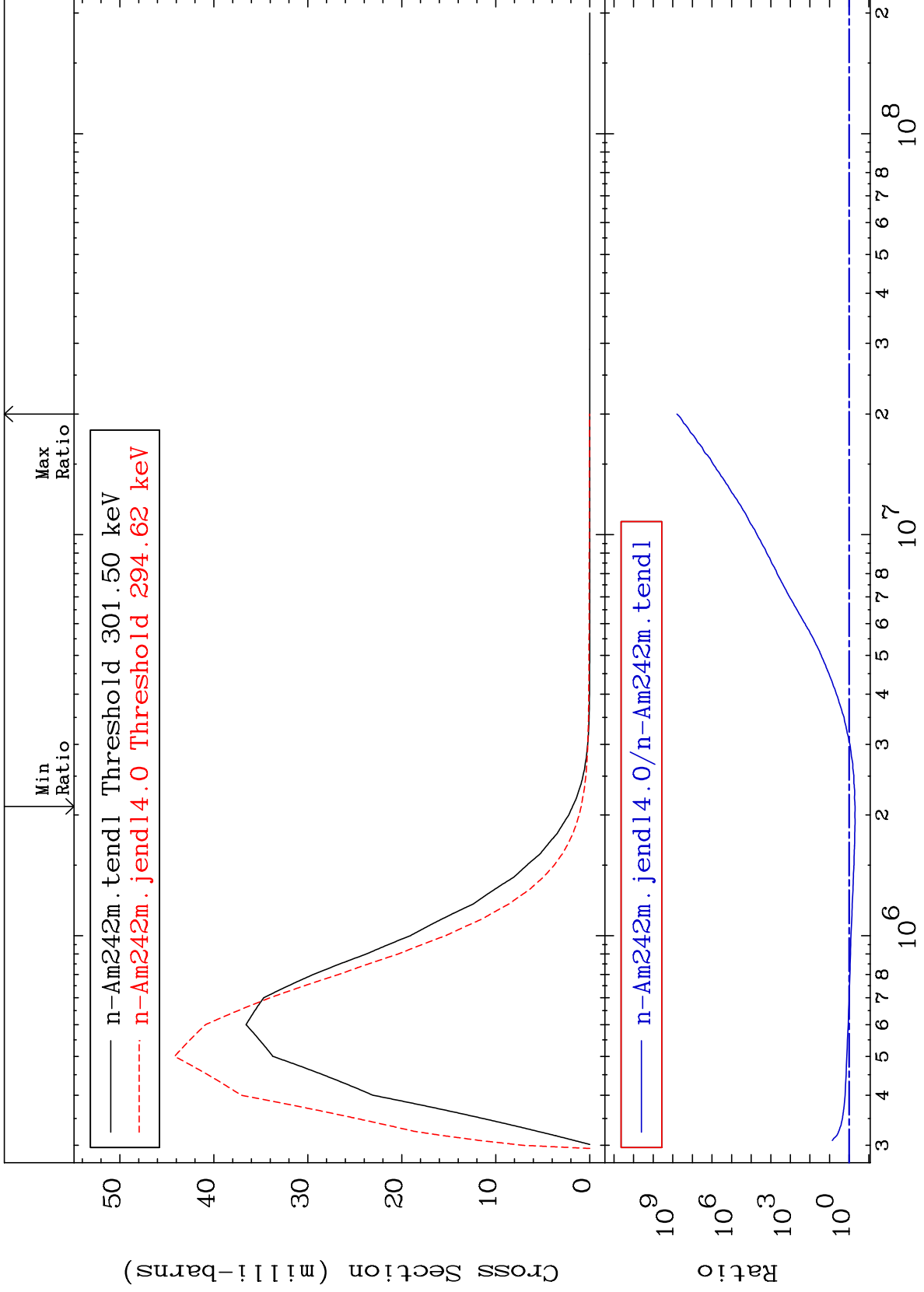
95-Am-242
-17.89 To 9999. %



MAT 9547

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

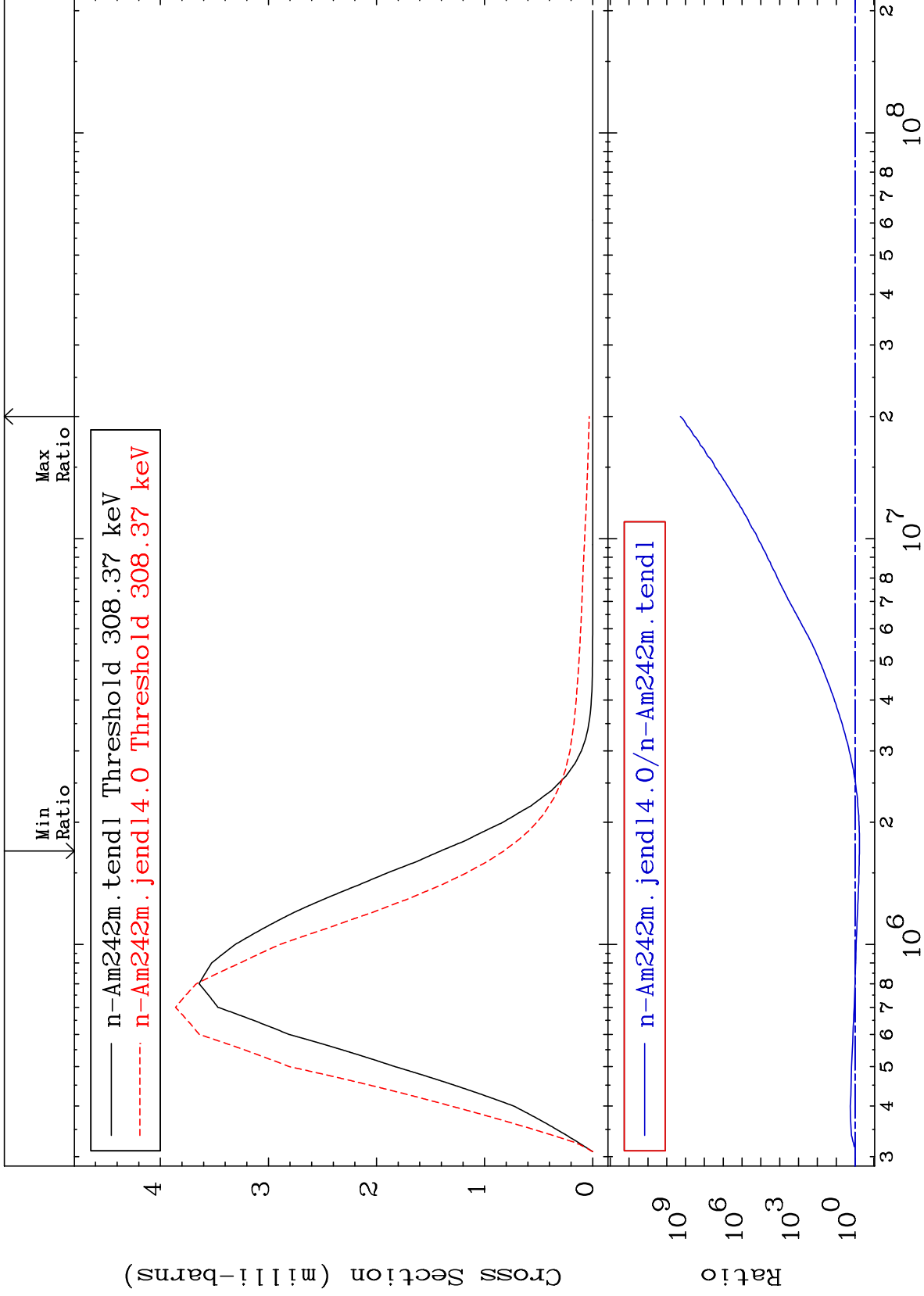
95-Am-242
-50.39 To 9999. %



MAT 9547

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

95-Am-242
-41.54 To 9999. %



37

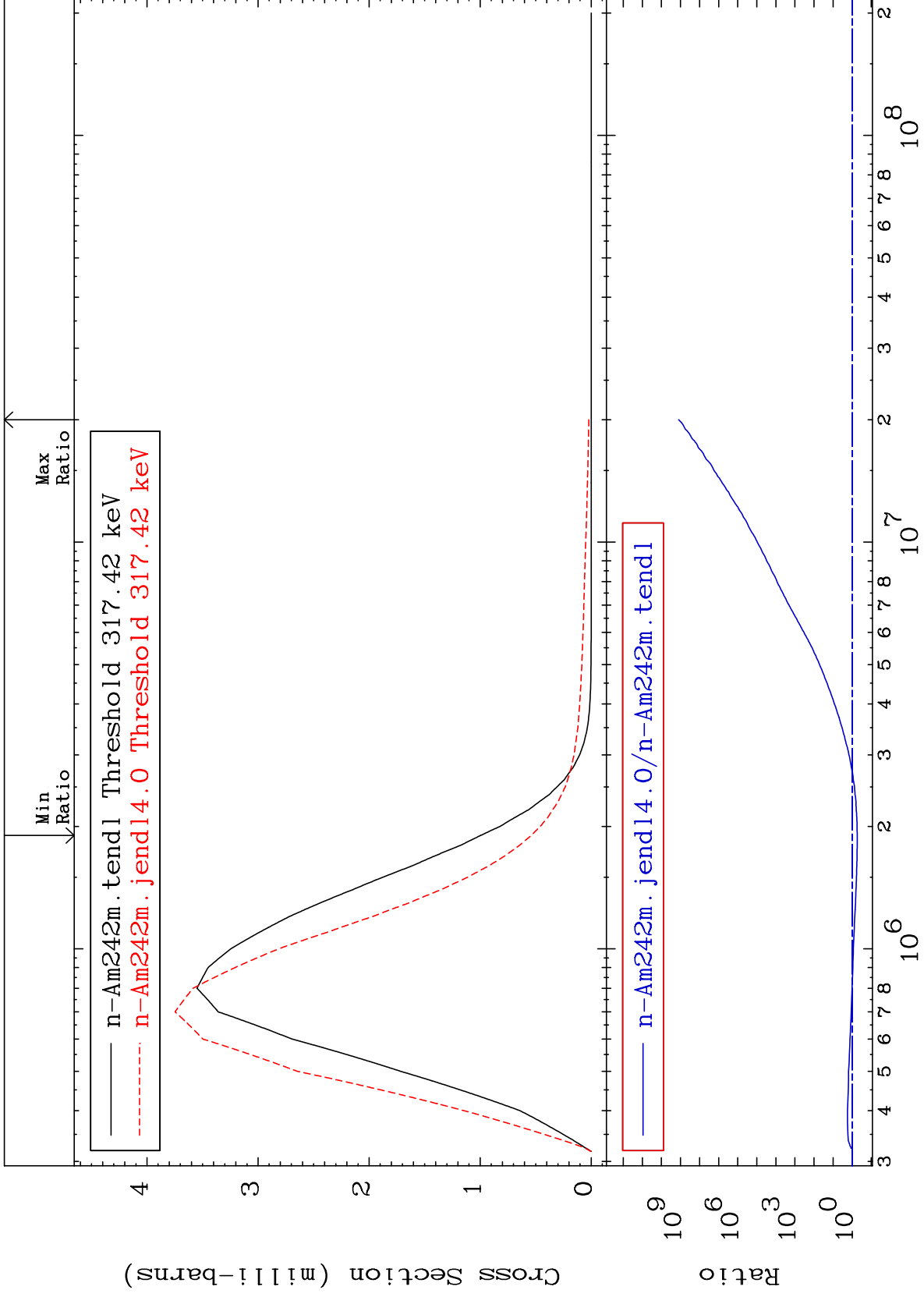
Incident Energy (eV)

95-Am-242

MAT 9547

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

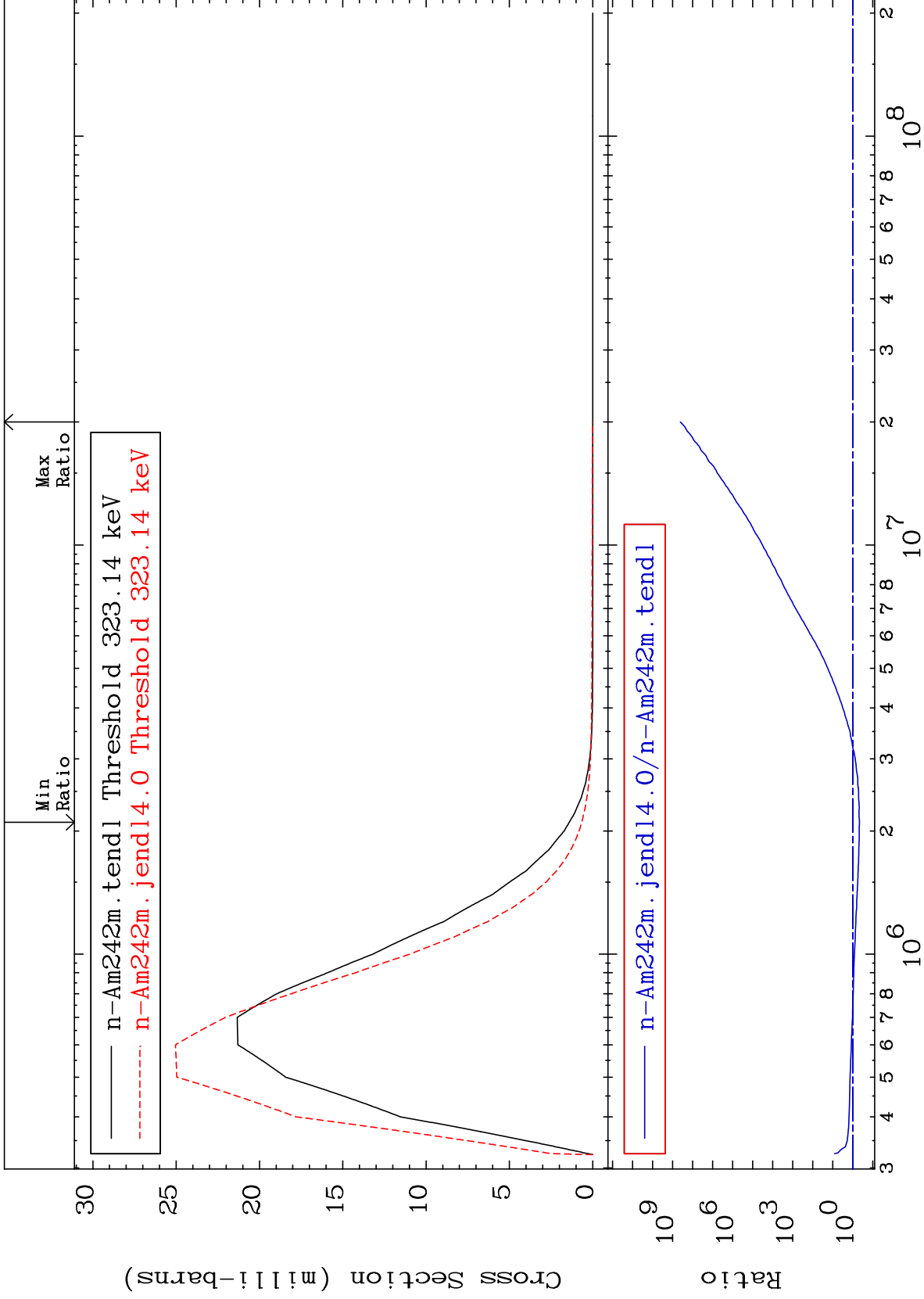
95-Am-242
-45.81 To 9999. %



MAT 9547

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

95-Am-242
-53.61 To 9999. %



39

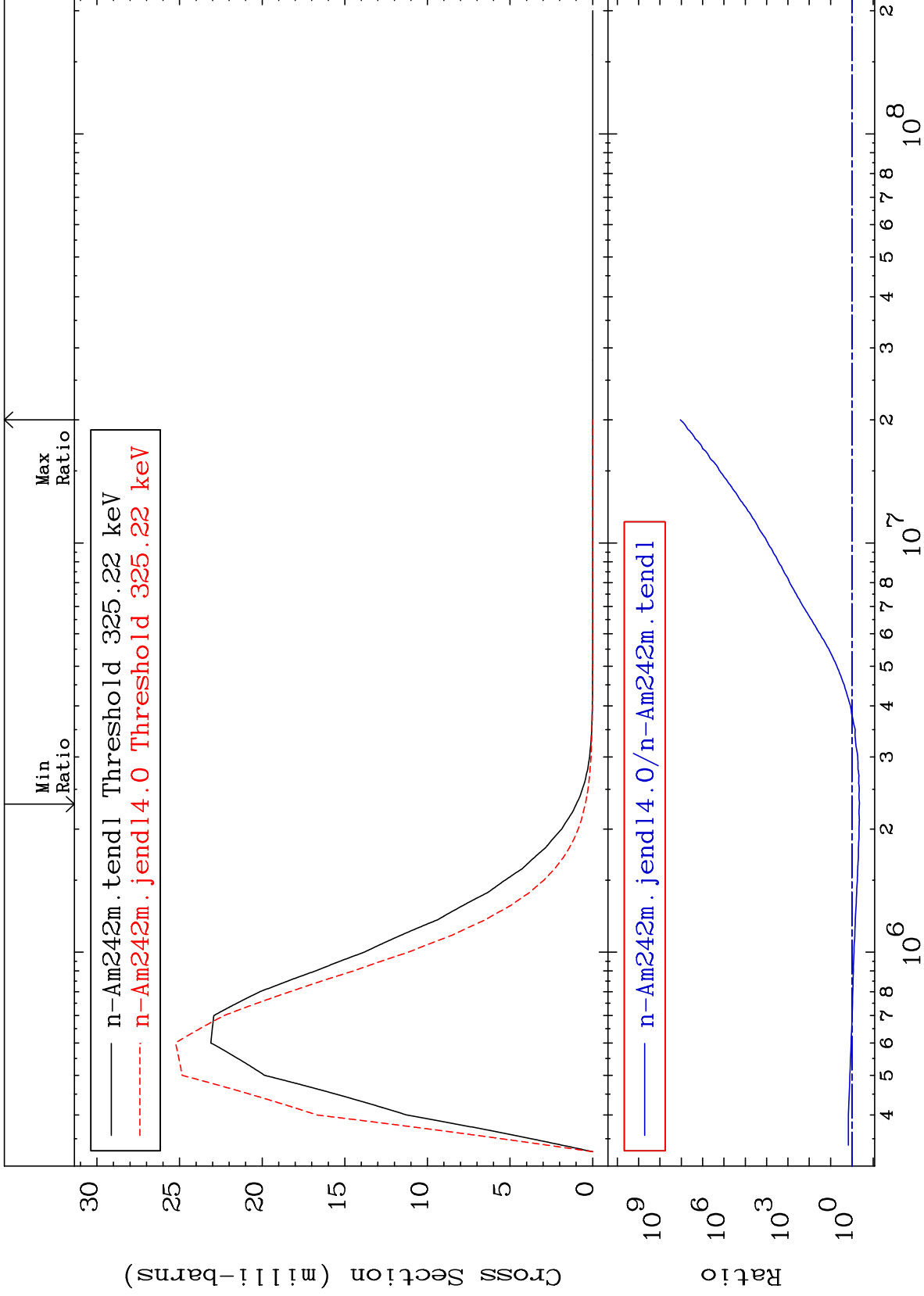
Incident Energy (eV)

95-Am-242

MAT 9547

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

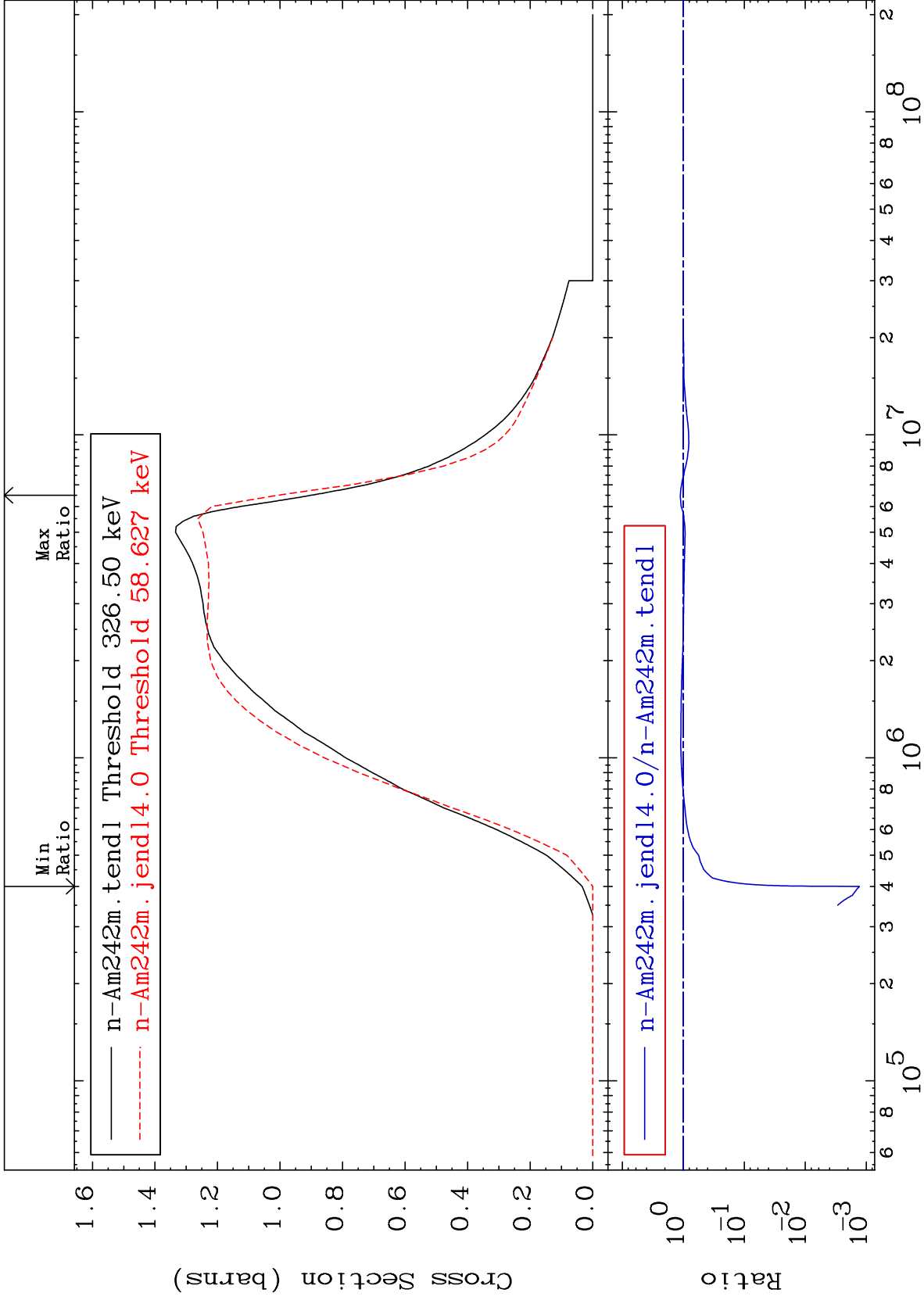
95-Am-242
-55.50 To 9999. %



40

Incident Energy (eV)

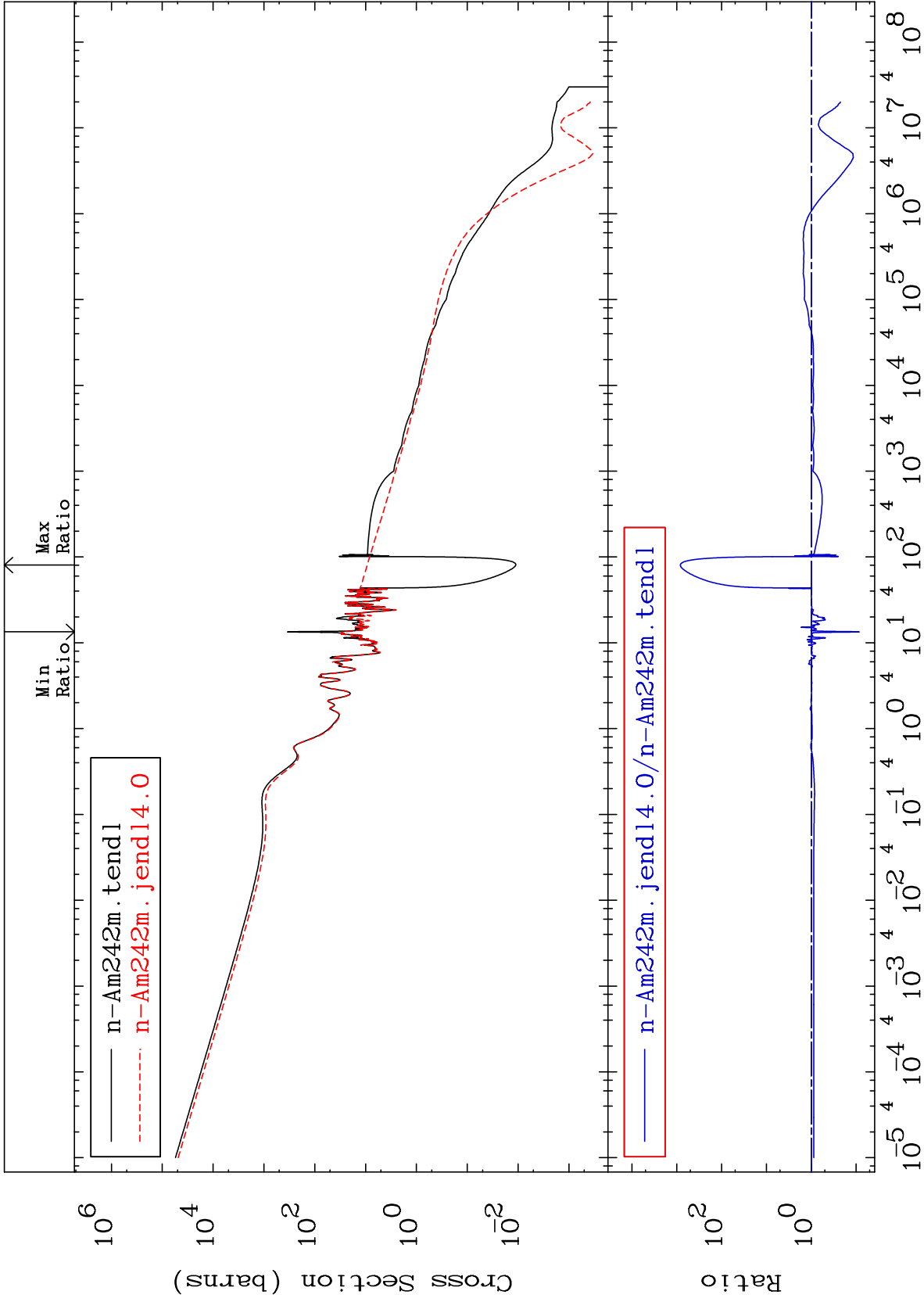
95-Am-242

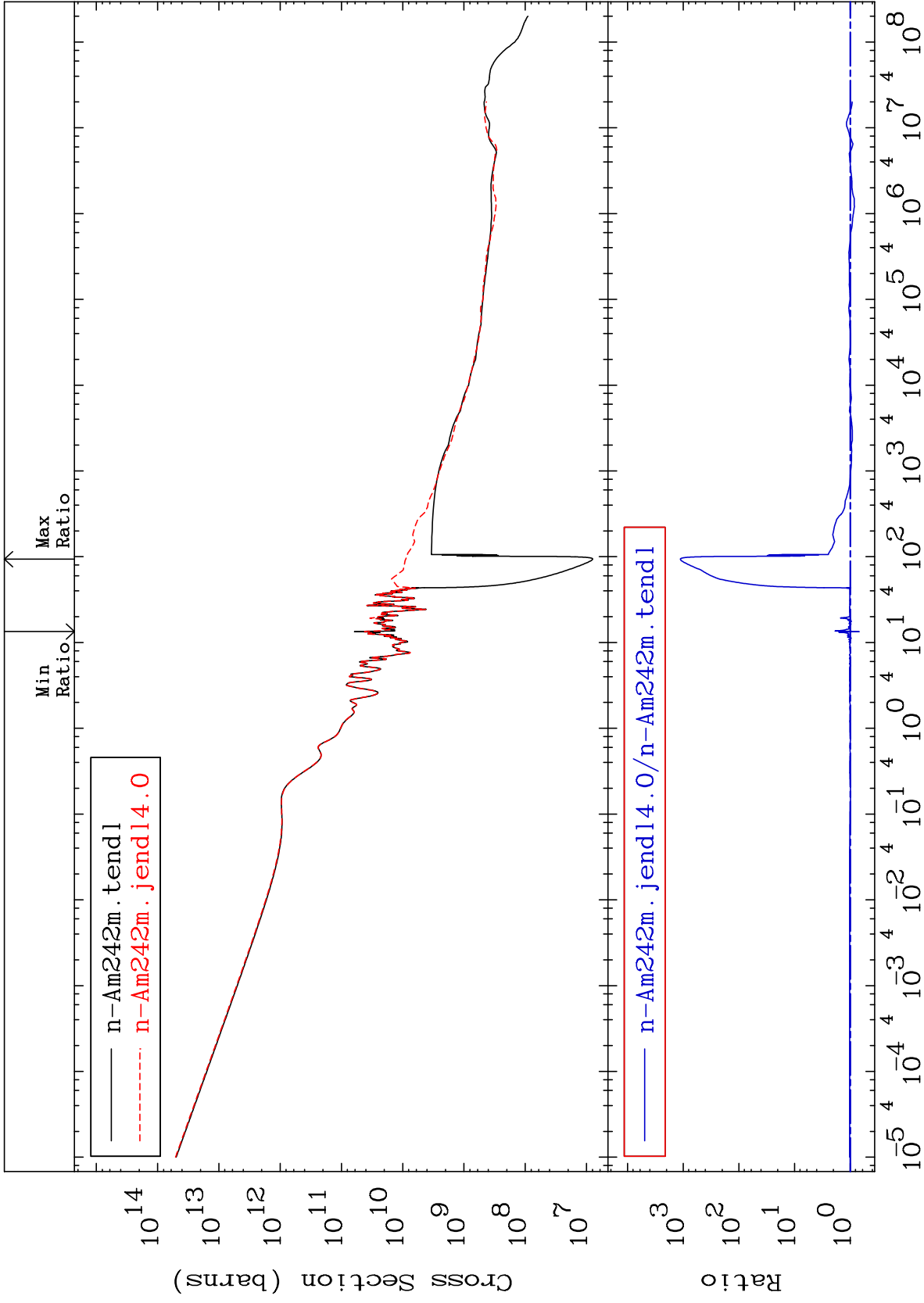


MAT 9547

95-Am-242
-91.55 To 9999. %

(n, γ)
Cross Section





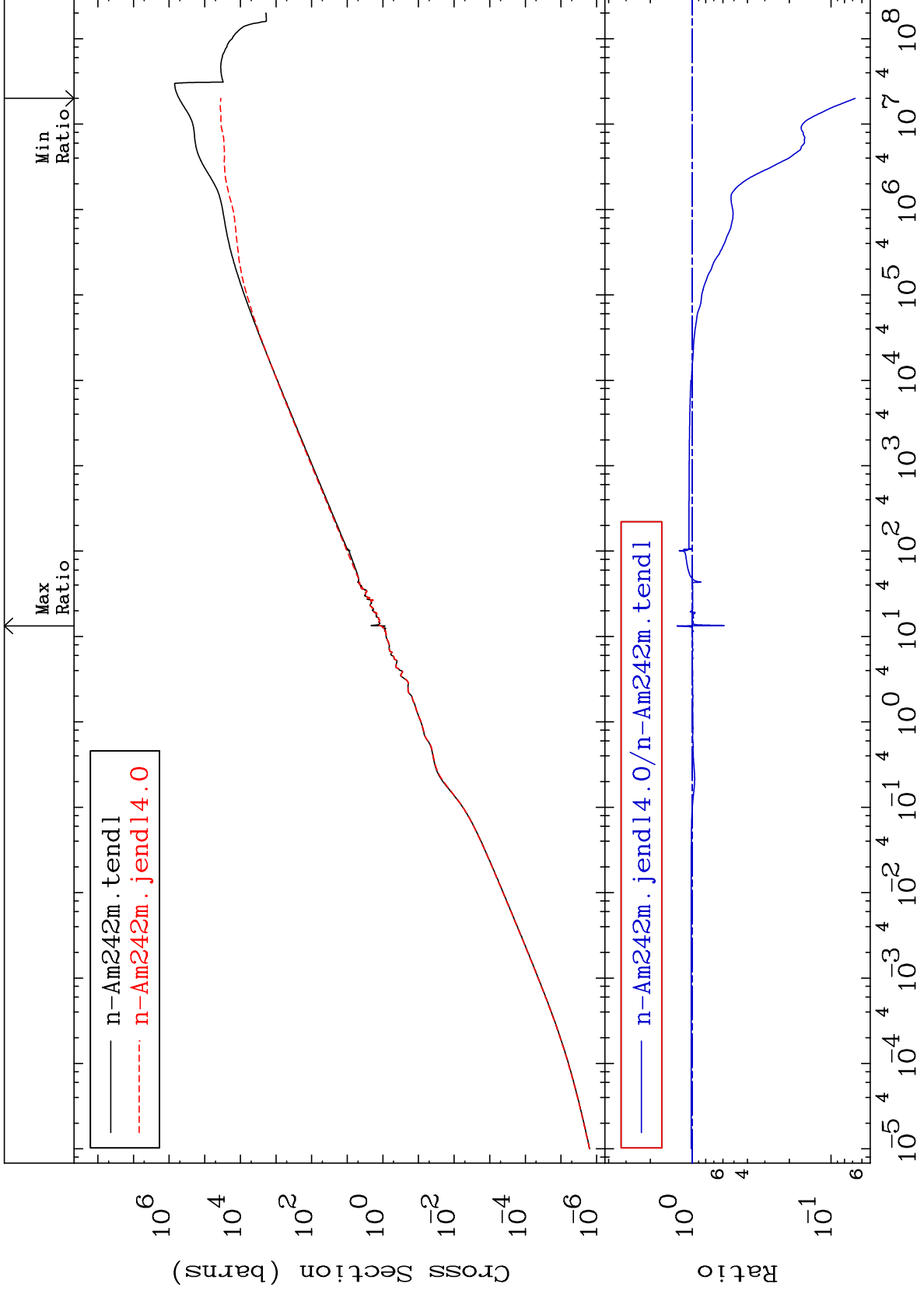
— n-Am242m.tendl
- - - n-Am242m.jendl4.0

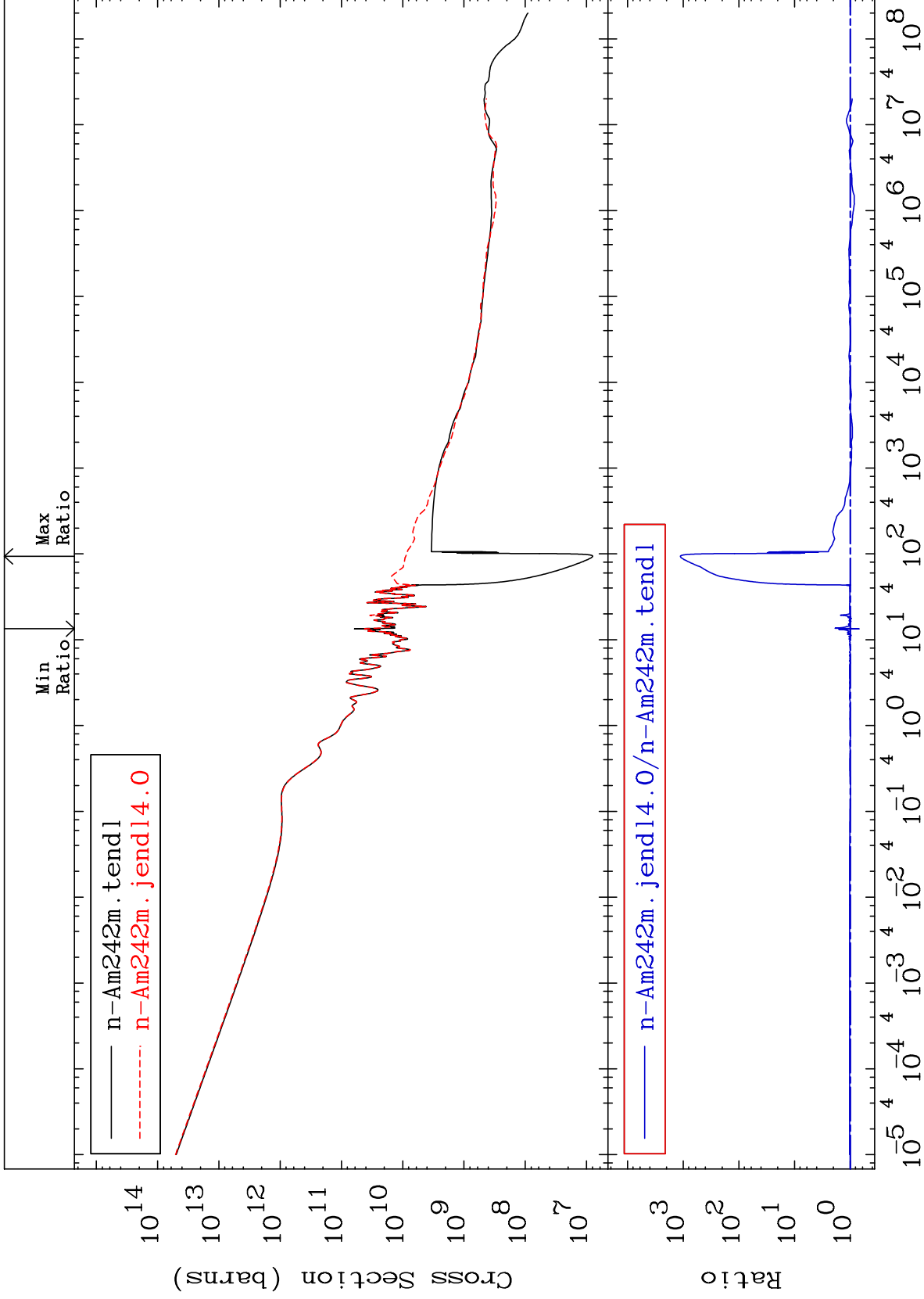
— n-Am242m.jendl4.0/n-Am242m.tendl

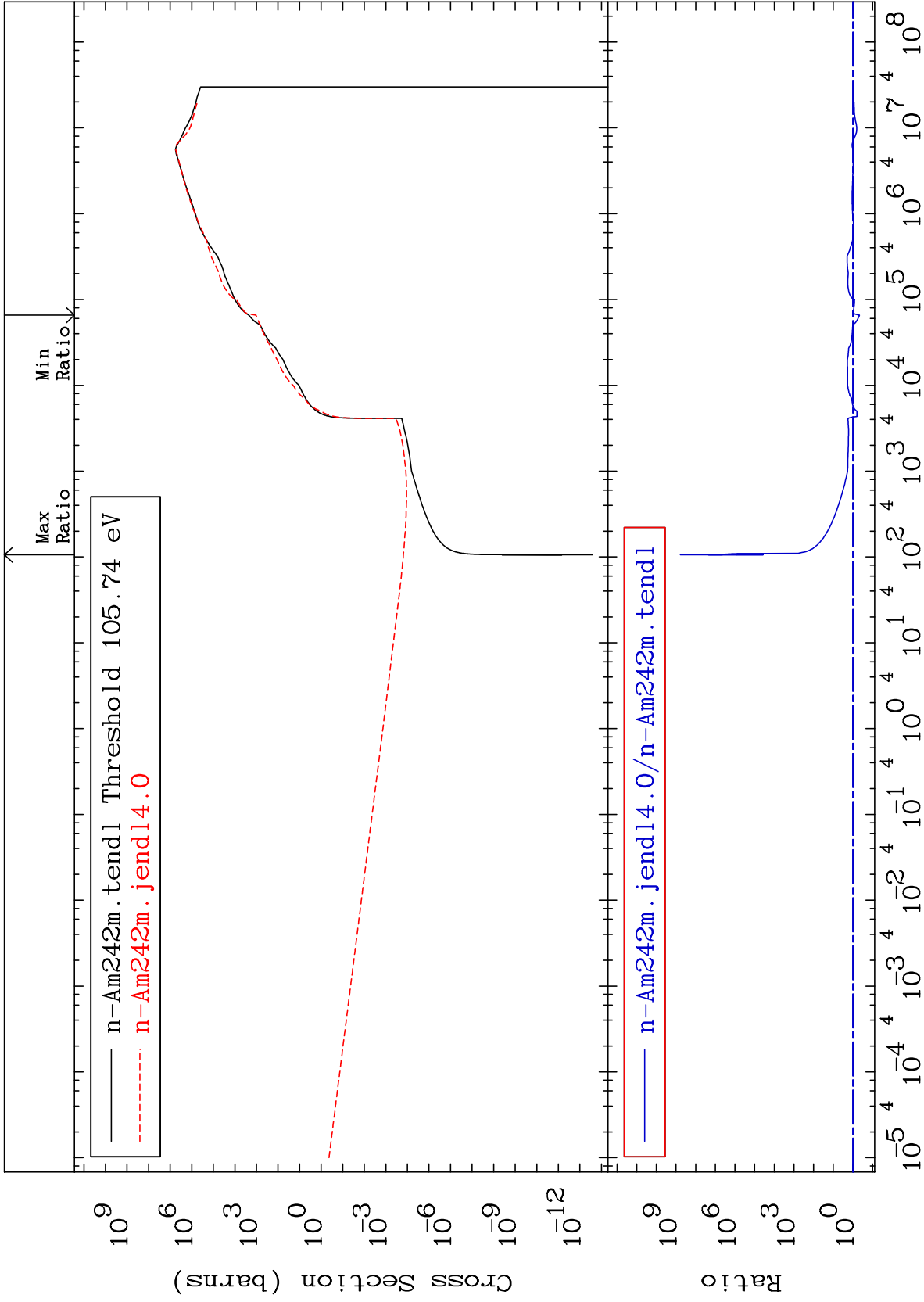
MAT 9547

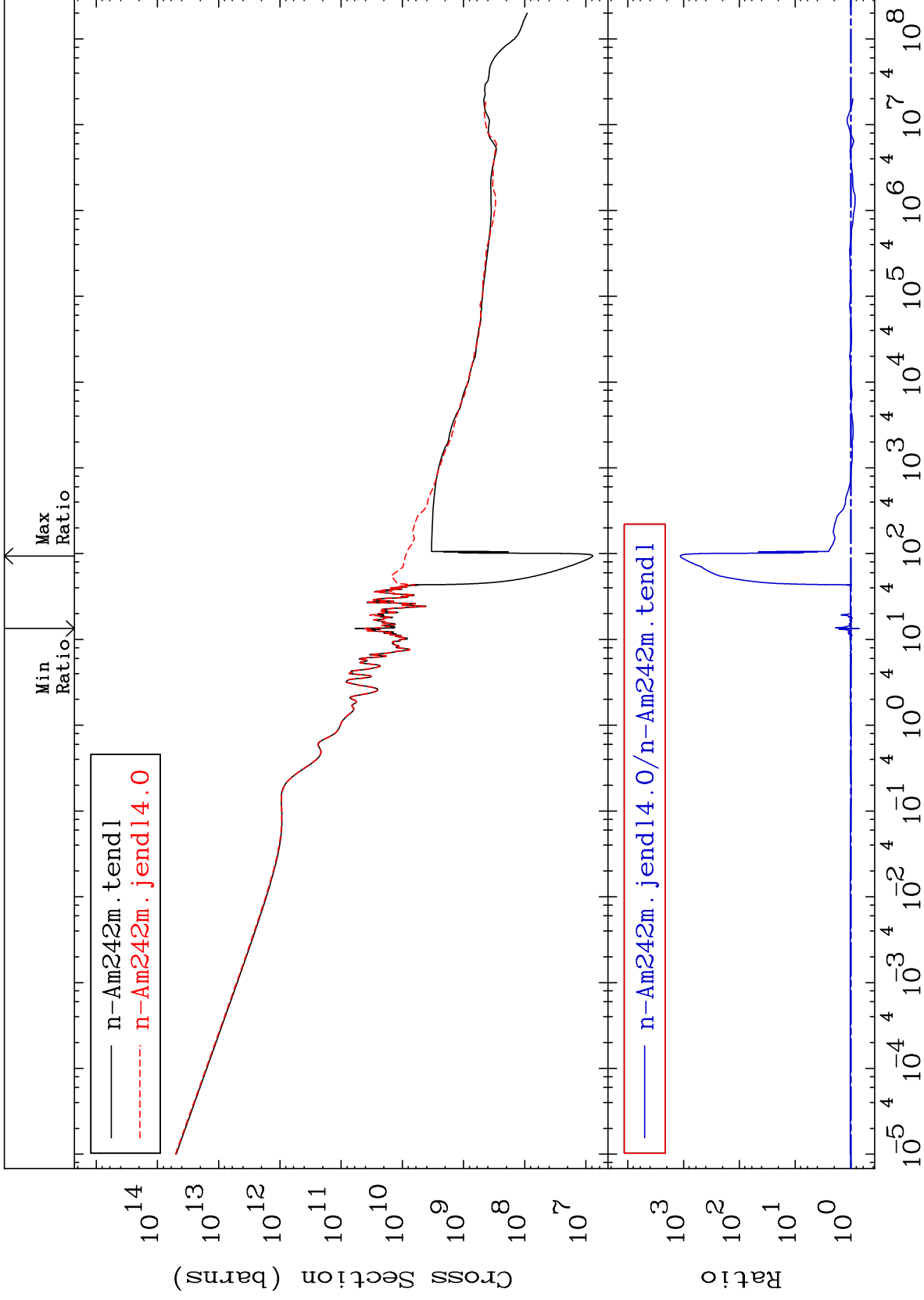
Kerma elastic
Cross Section

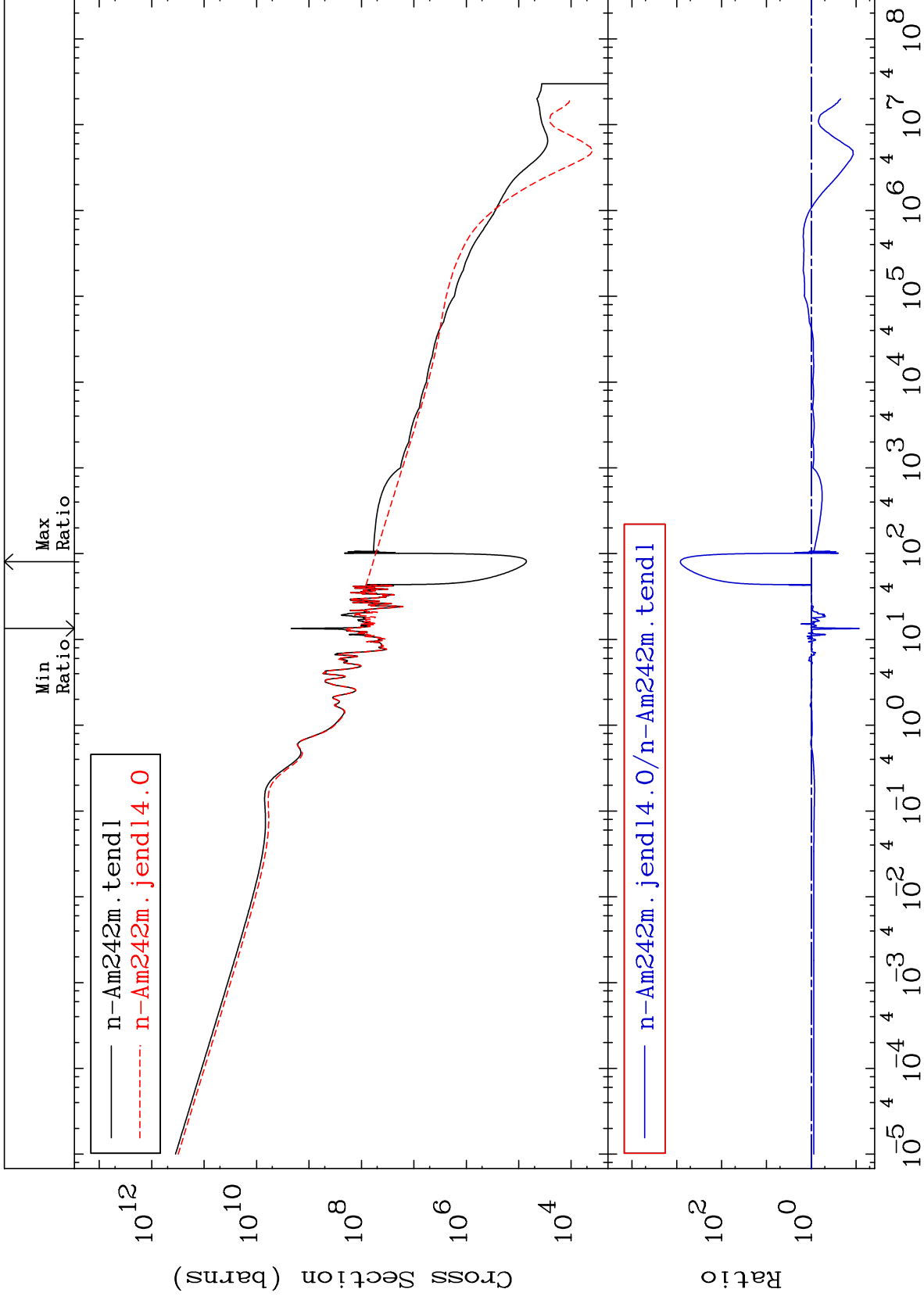
95-Am-242
-93.28 To 28.86 %

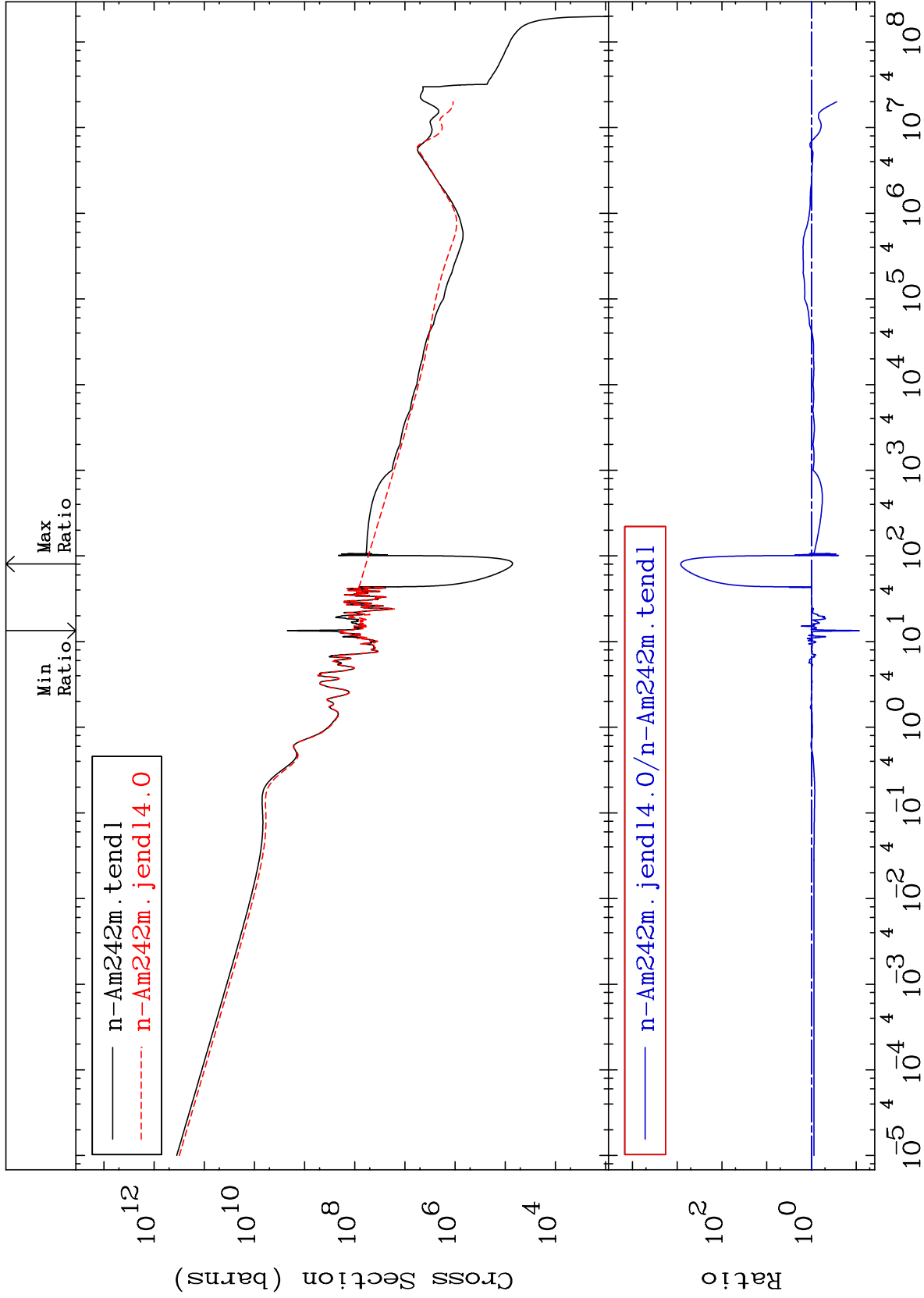




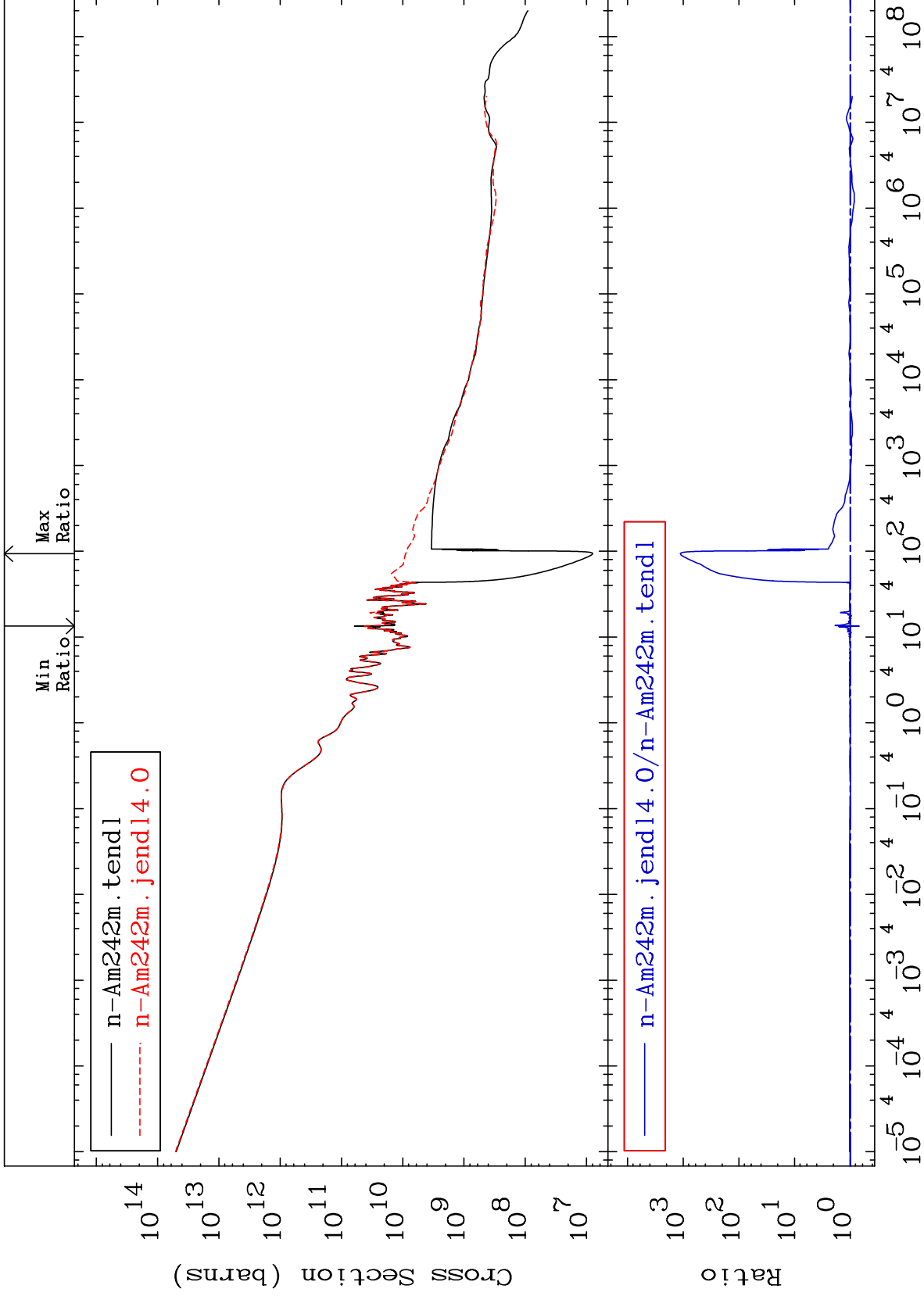


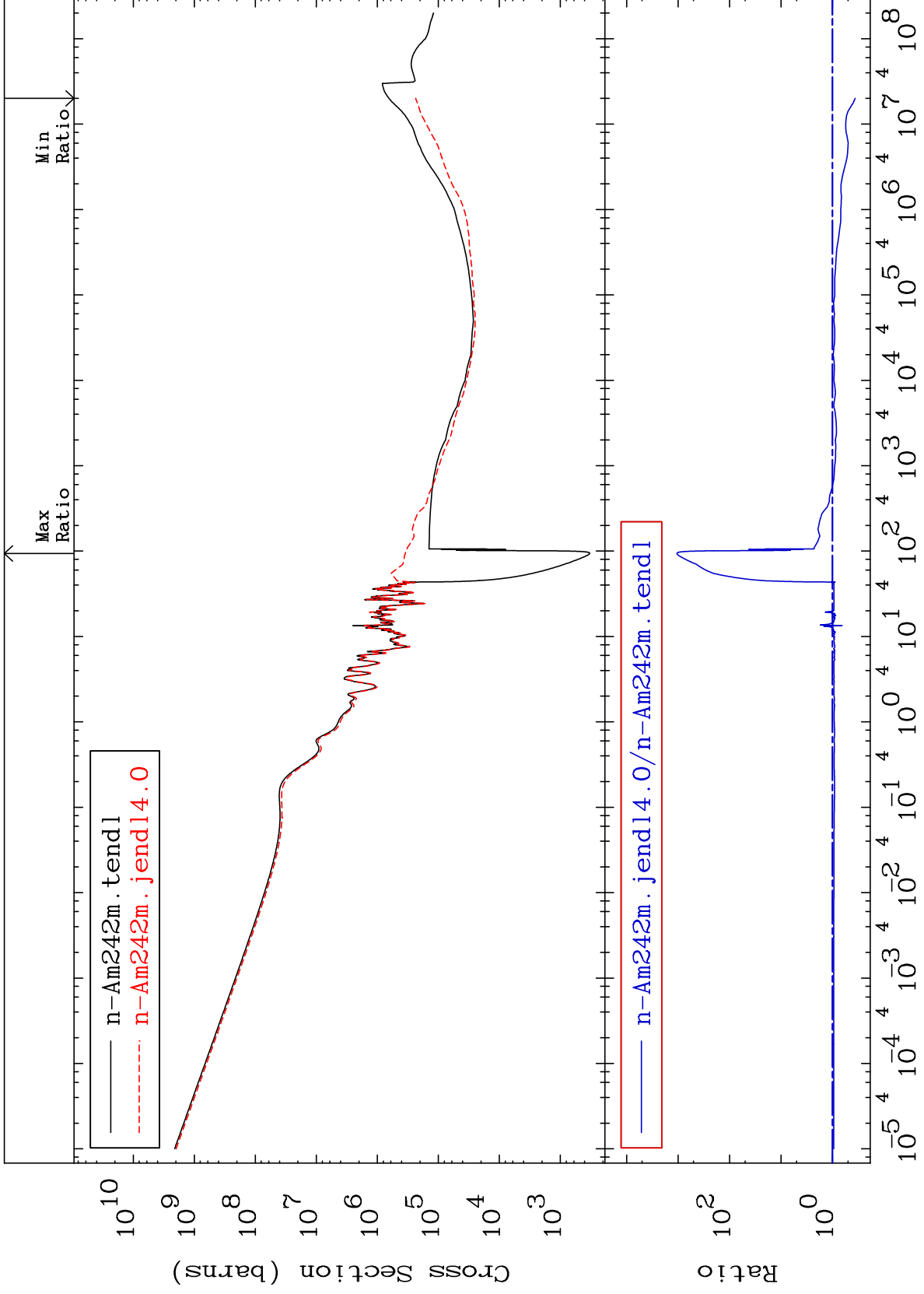






Cross Section





MAT 9547

Dpa elastic (mt2)
Cross Section

95-Am-242
-92.77 To 4.691 %

