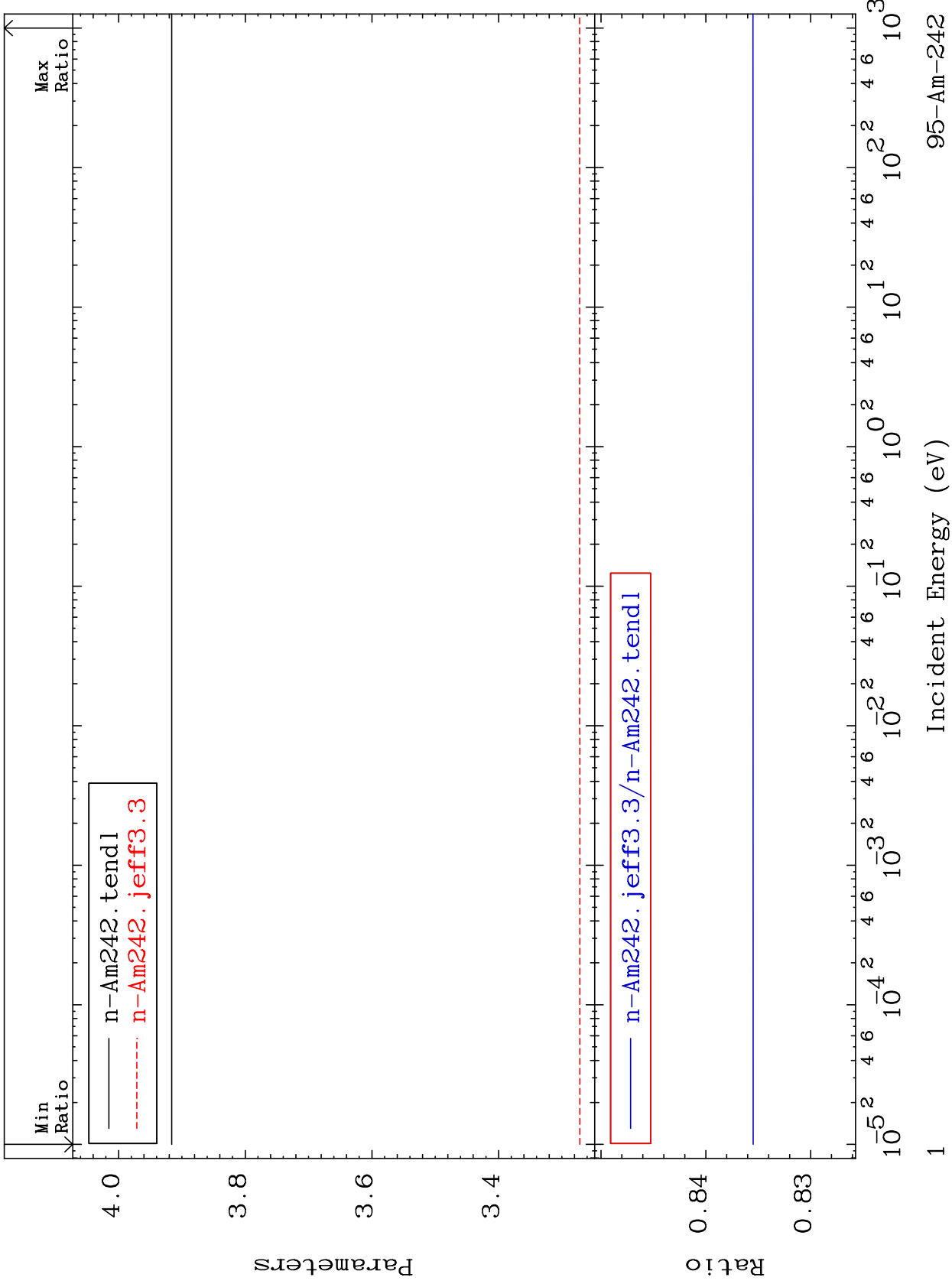


MAT 9546

Total $\bar{\nu}$
Parameters

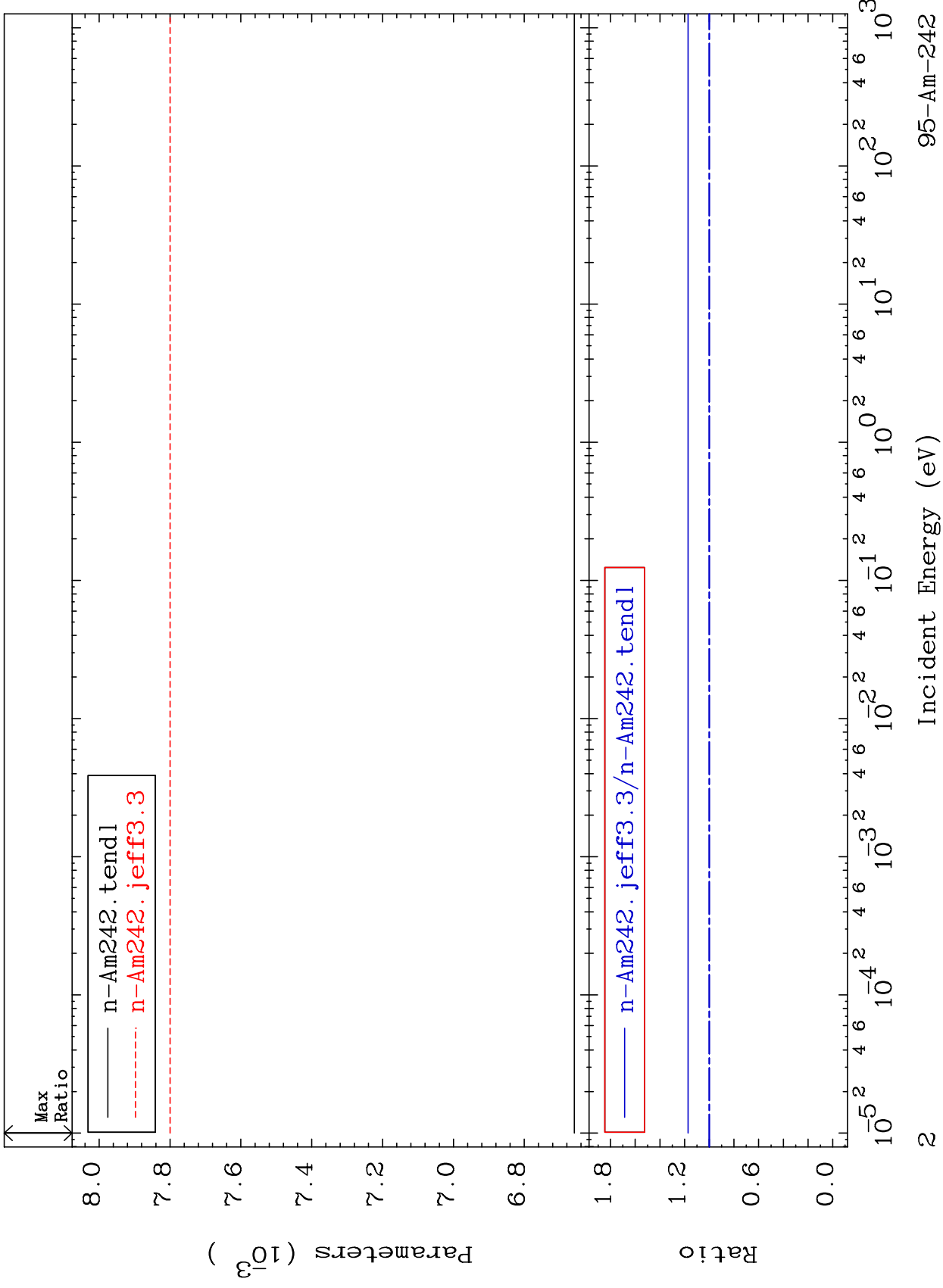
95-Am-242
-16.45 To -16.45%



MAT 9546

Delayed $\bar{\nu}$
Parameters

95-Am-242
17.13 To 17.13 %

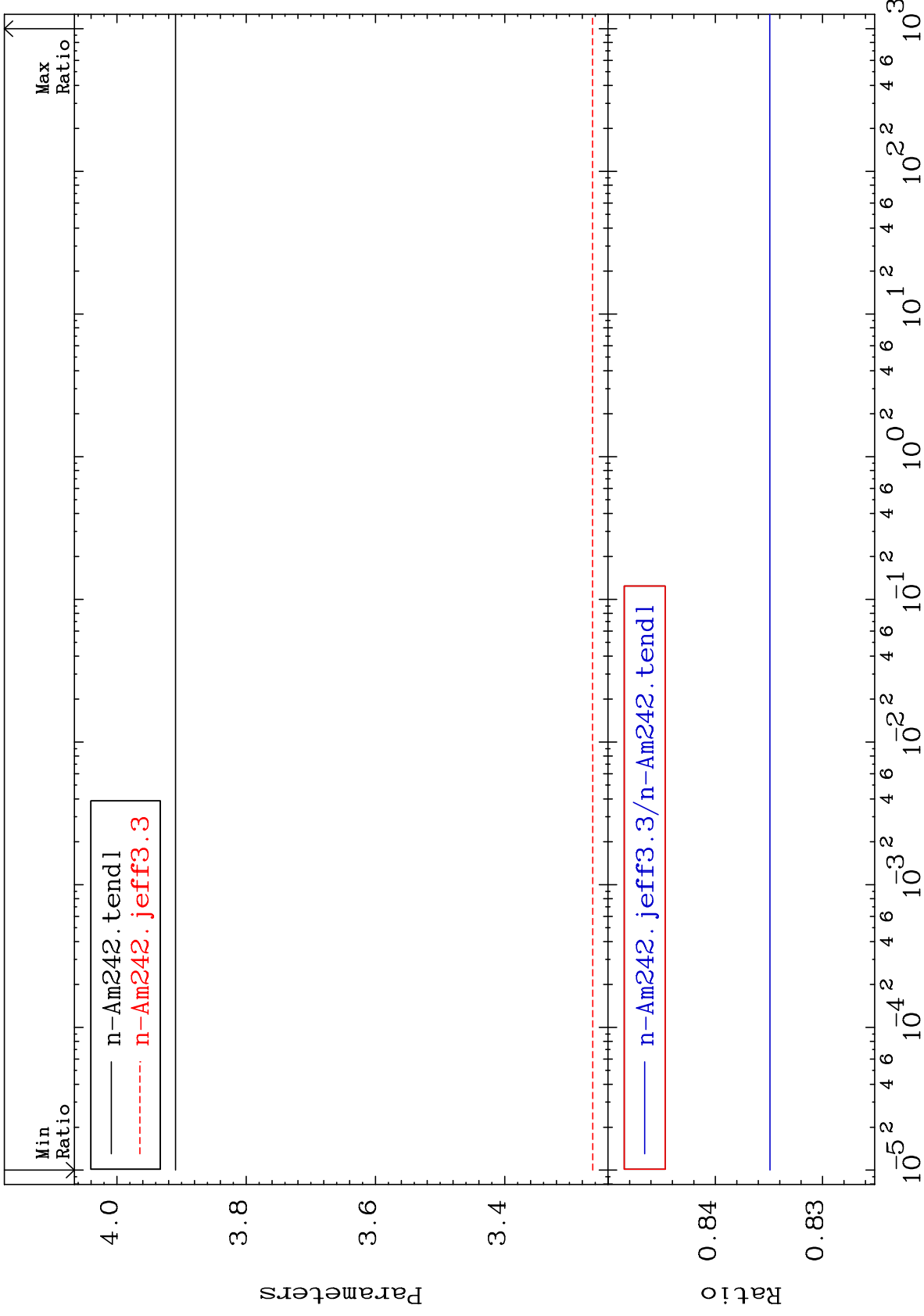


95-Am-242

MAT 9546

Prompt $\bar{\nu}$
Parameters

95-Am-242
-16.51 To -16.51%



95-Am-242

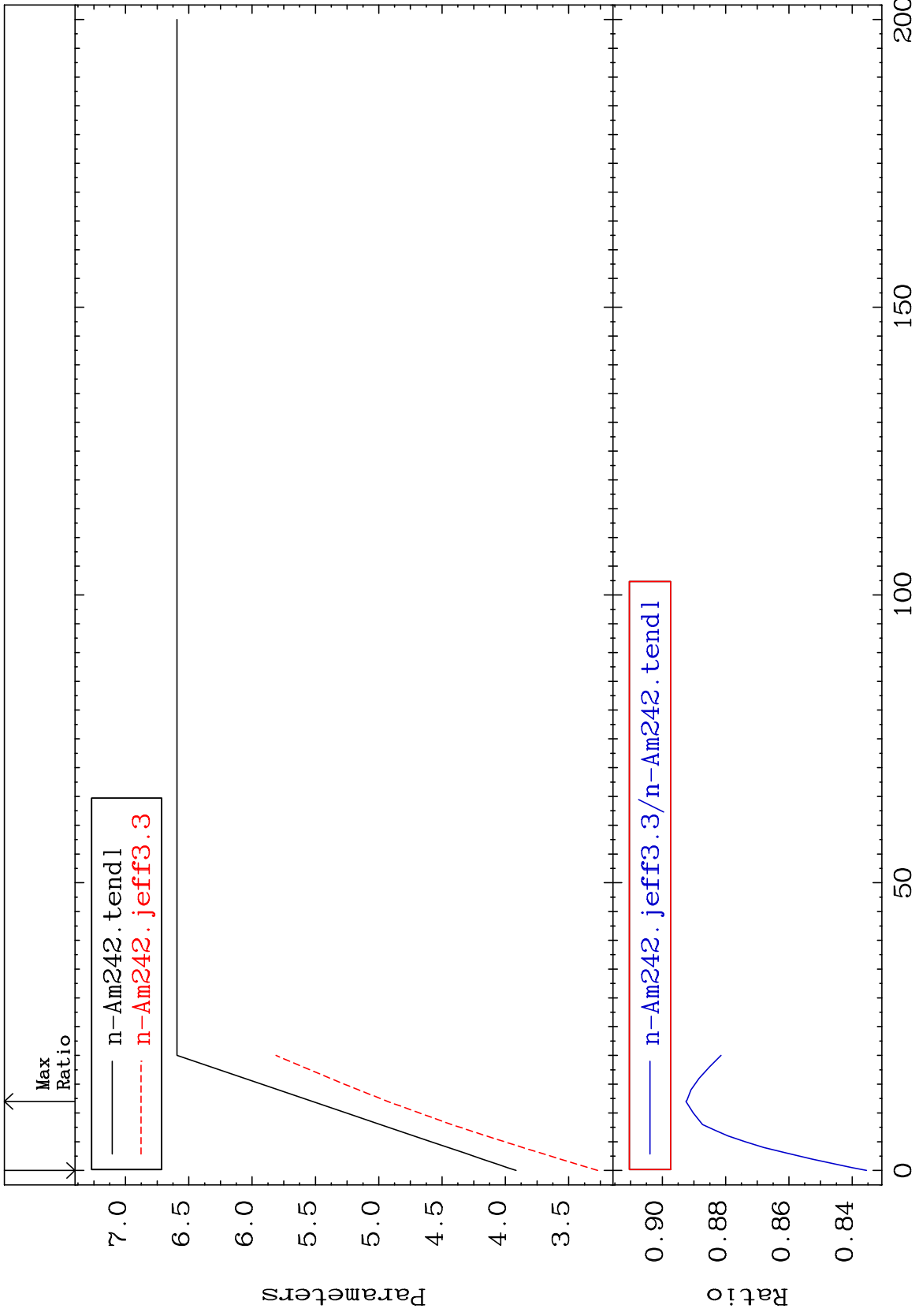
Incident Energy (eV)

3

MAT 9546

Total $\bar{\nu}$
Parameters

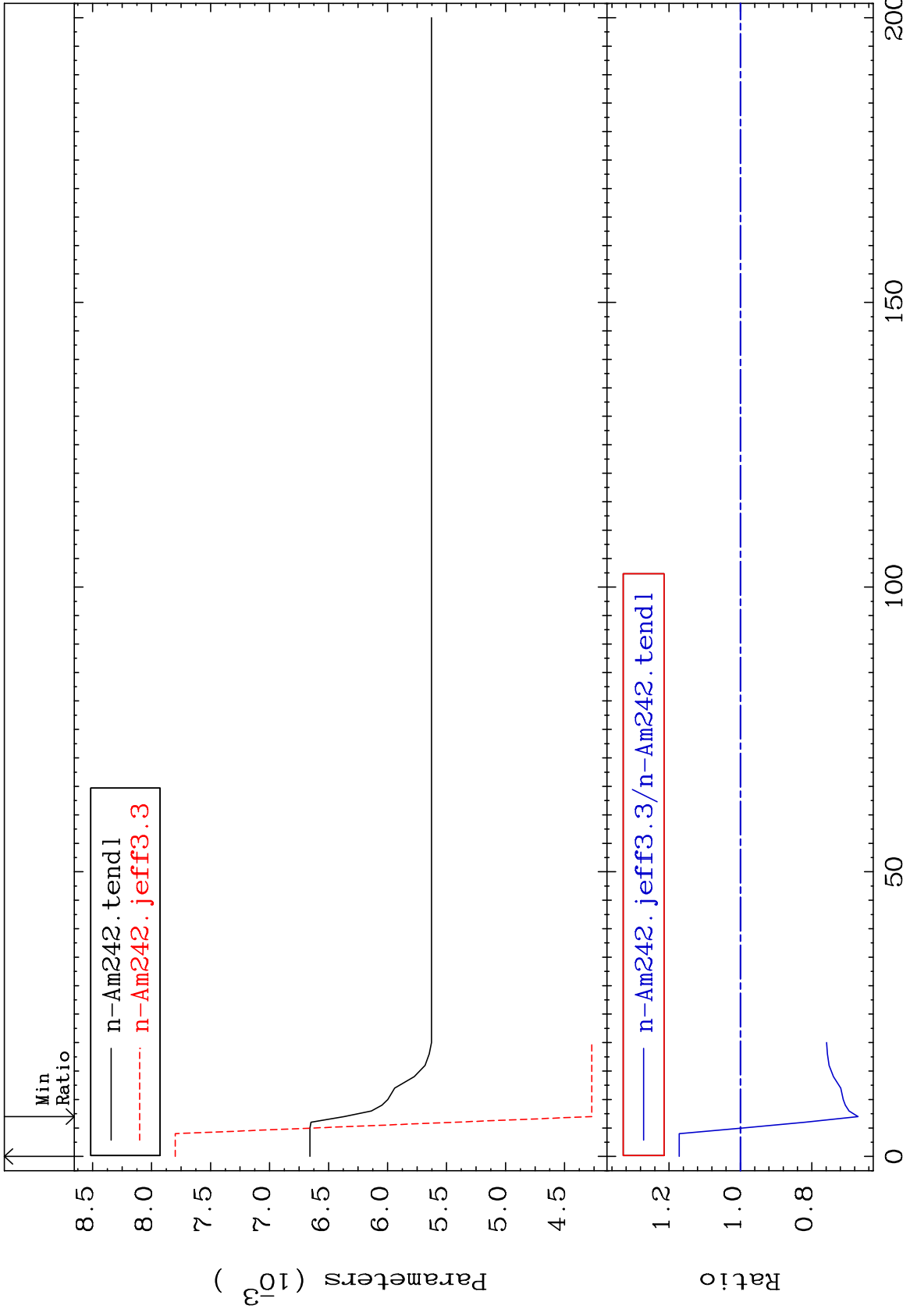
95-Am-242
-16.45 To -10.75%



MAT 9546

Delayed $\bar{\nu}$
Parameters

95-Am-242
-32.95 To 17.13 %



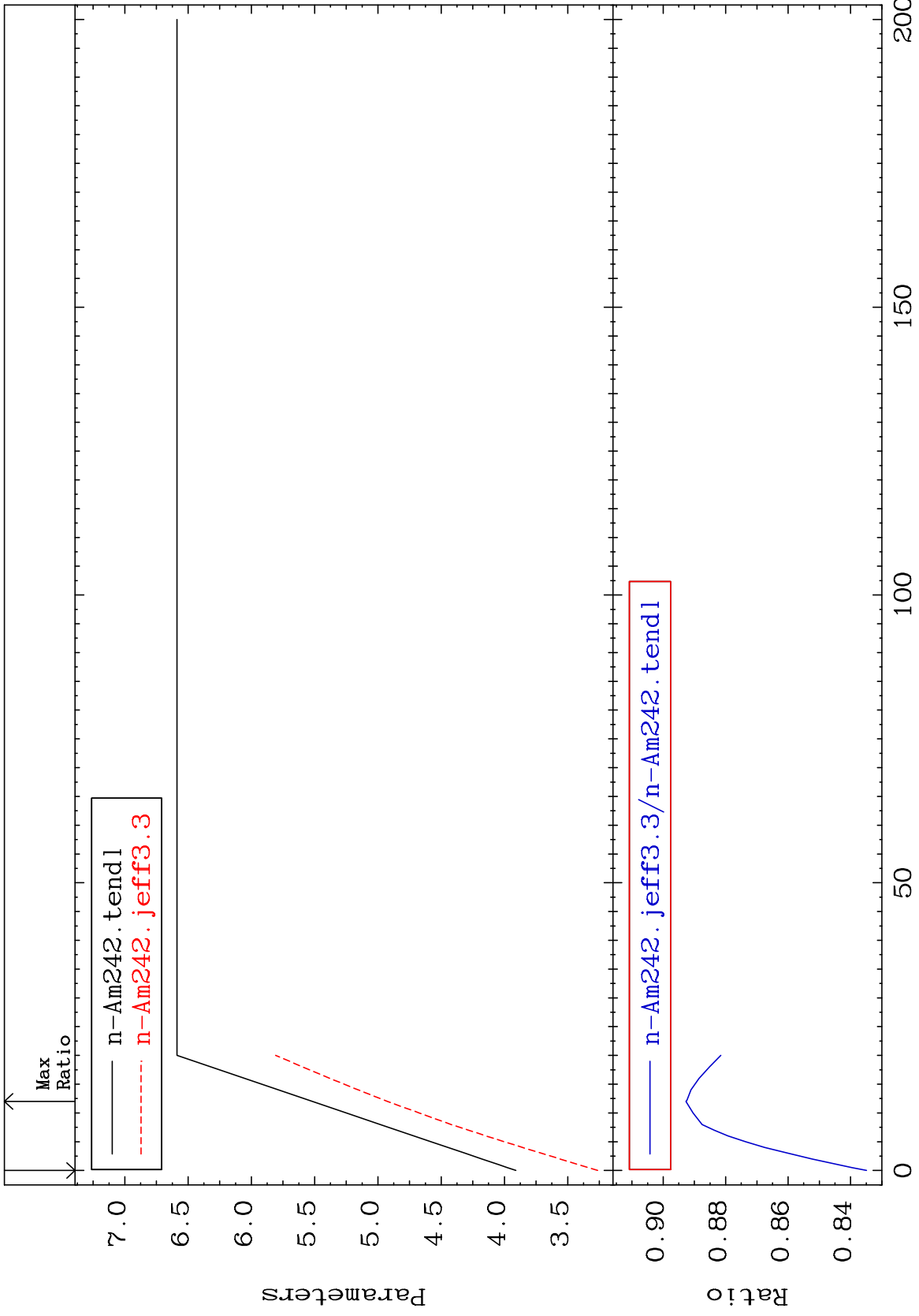
2

95-Am-242

MAT 9546

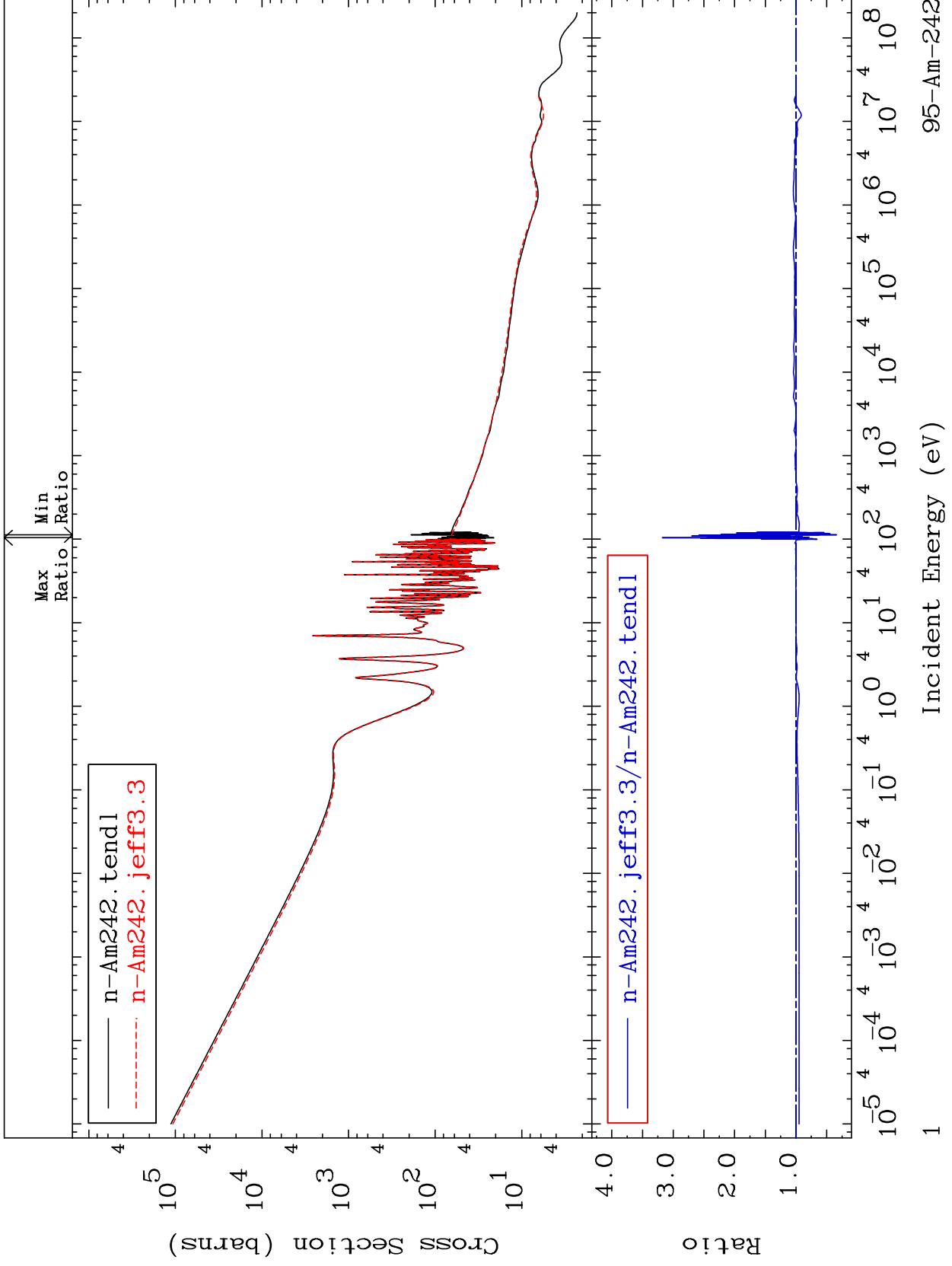
Prompt $\bar{\nu}$
Parameters

95-Am-242
-16.51 To -10.73%



MAT 9546

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

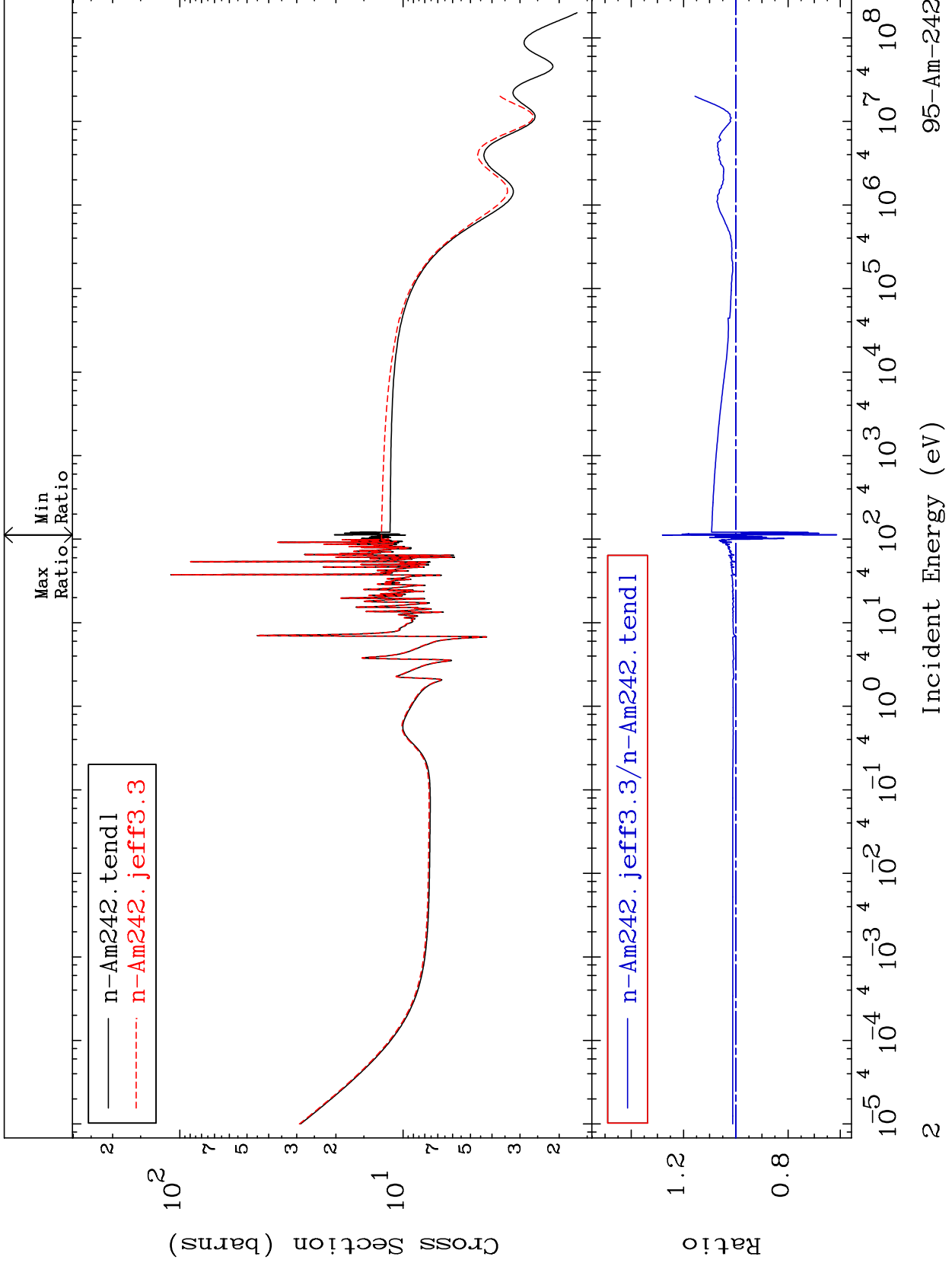


95-Am-242

MAT 9546

Elastic
Cross Section

95-Am-242
-38.57 To 28.09 %

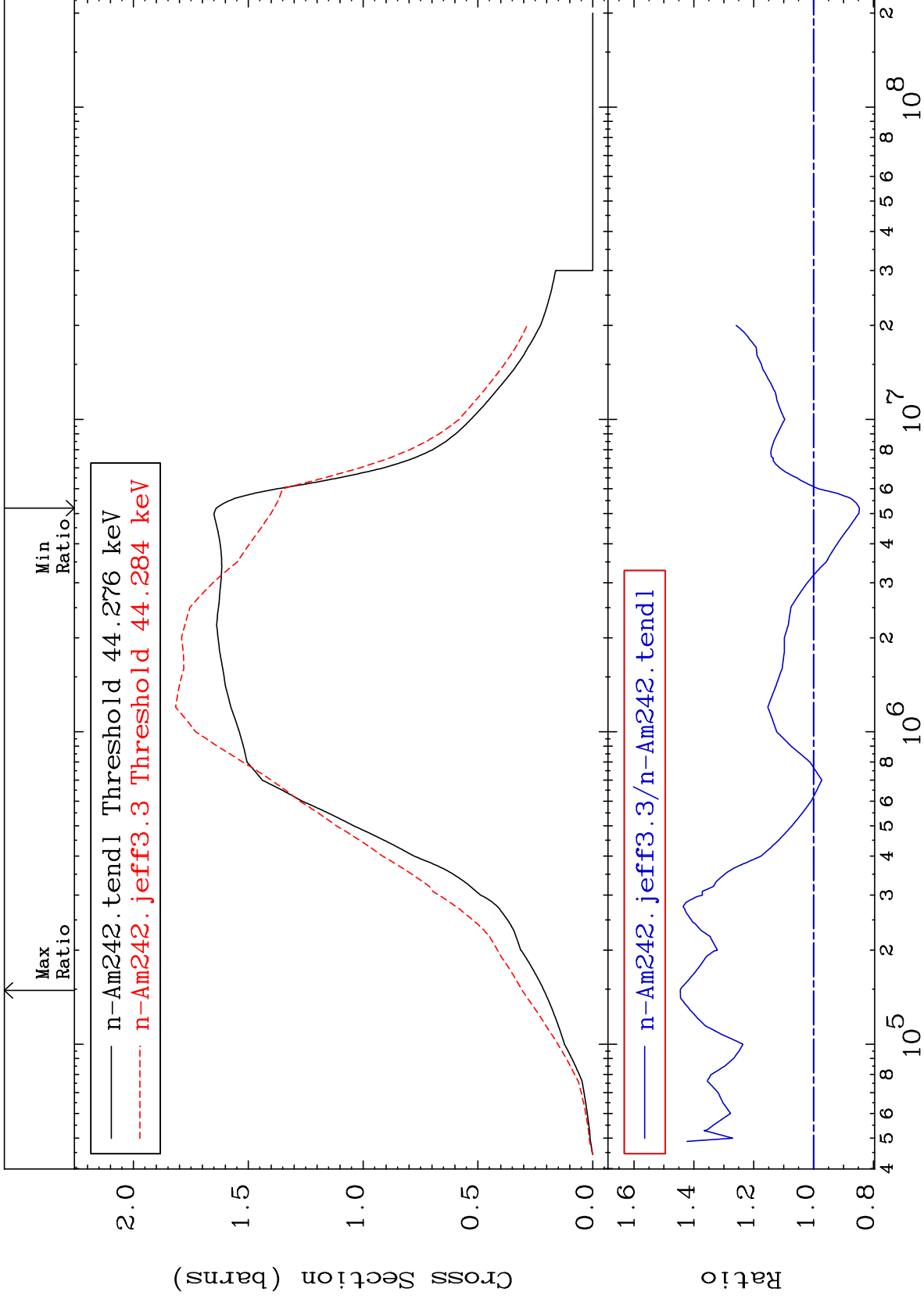


95-Am-242

MAT 9546

Inelastic
Cross Section

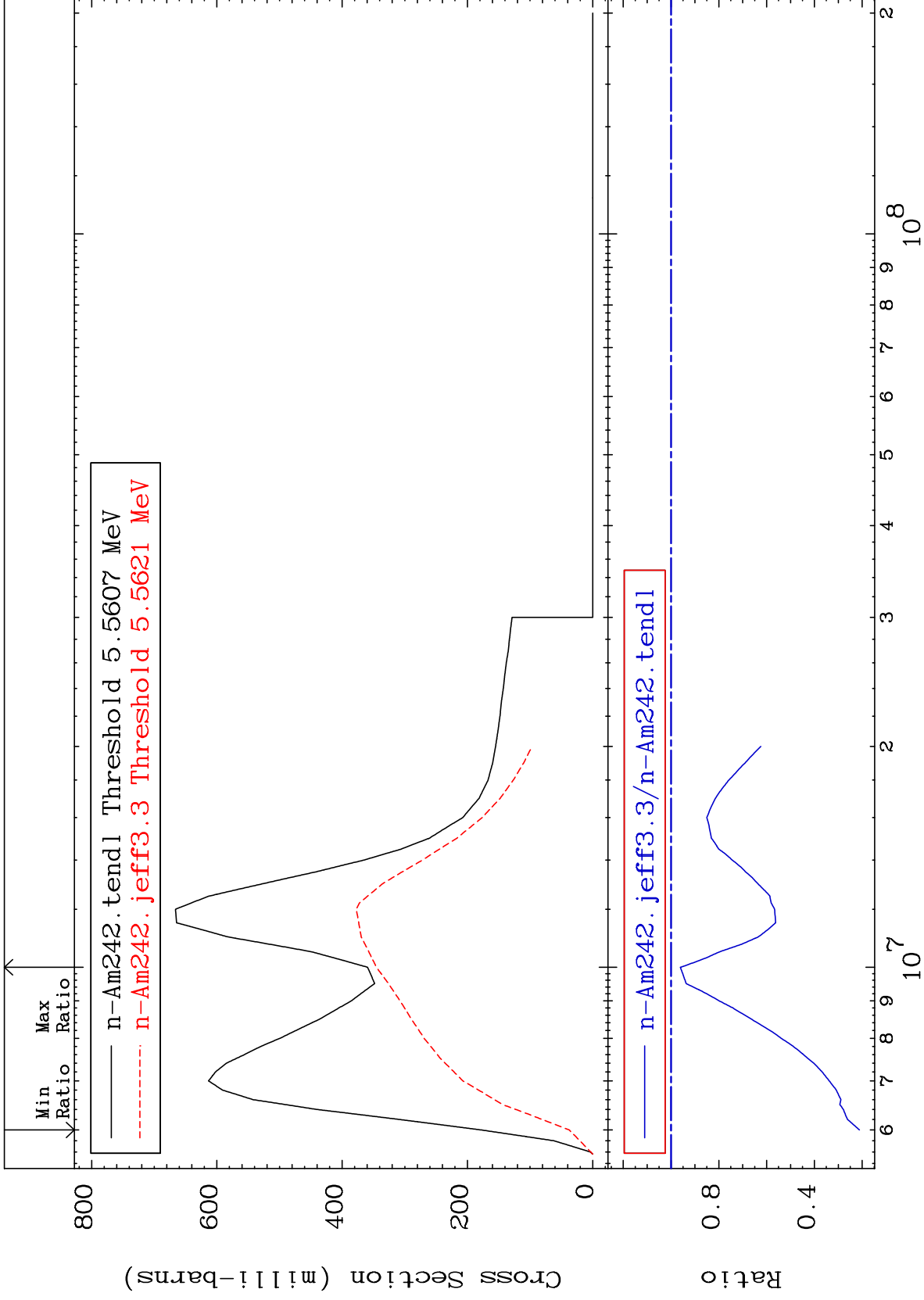
95-Am-242
-15.33 To 44.51 %



MAT 9546

(n,2n)
Cross Section

95-Am-242
-78.85 To -3.895%



4

Incident Energy (eV)

95-Am-242

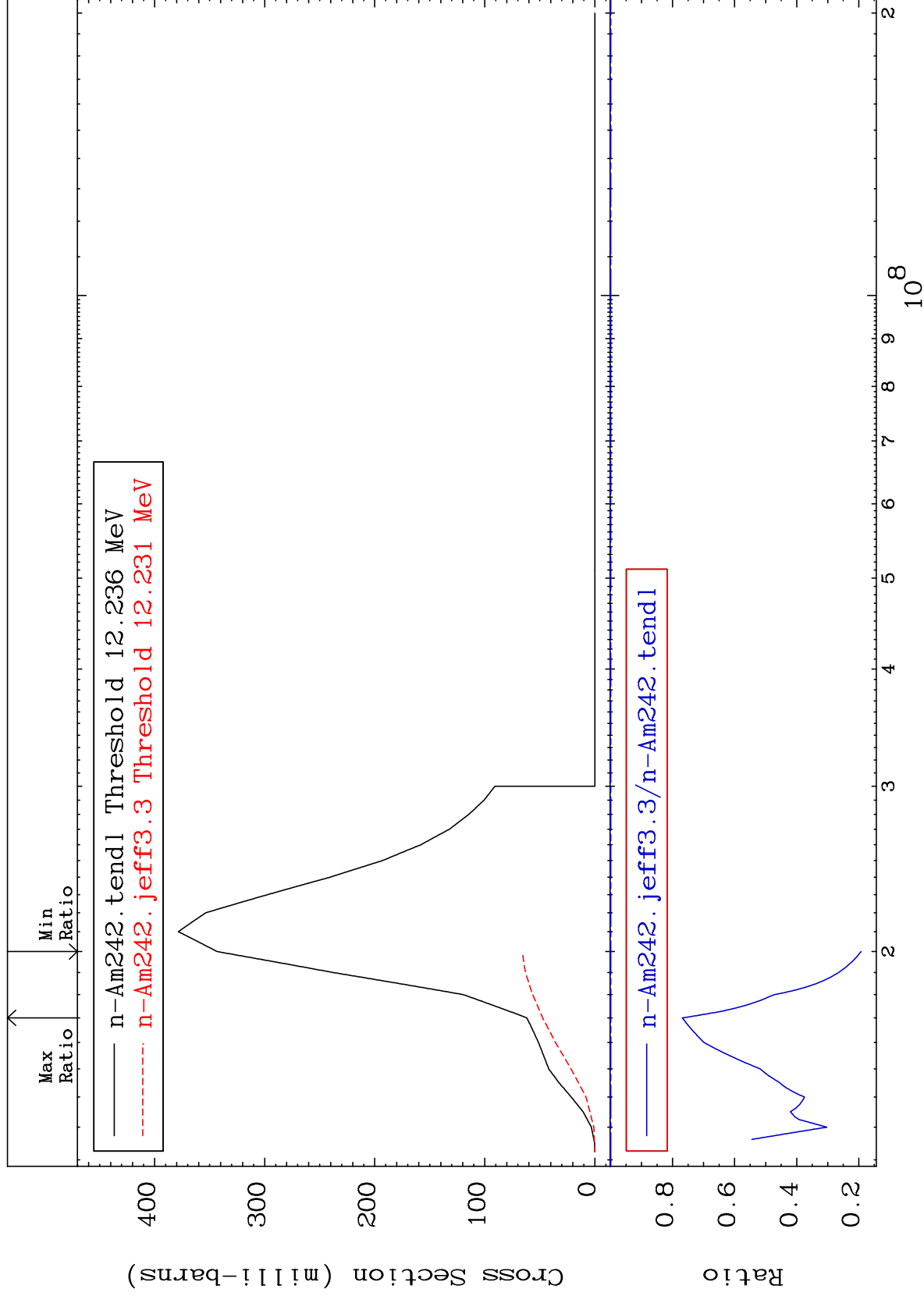
MAT 9546

(n,3n)

95-Am-242

Cross Section

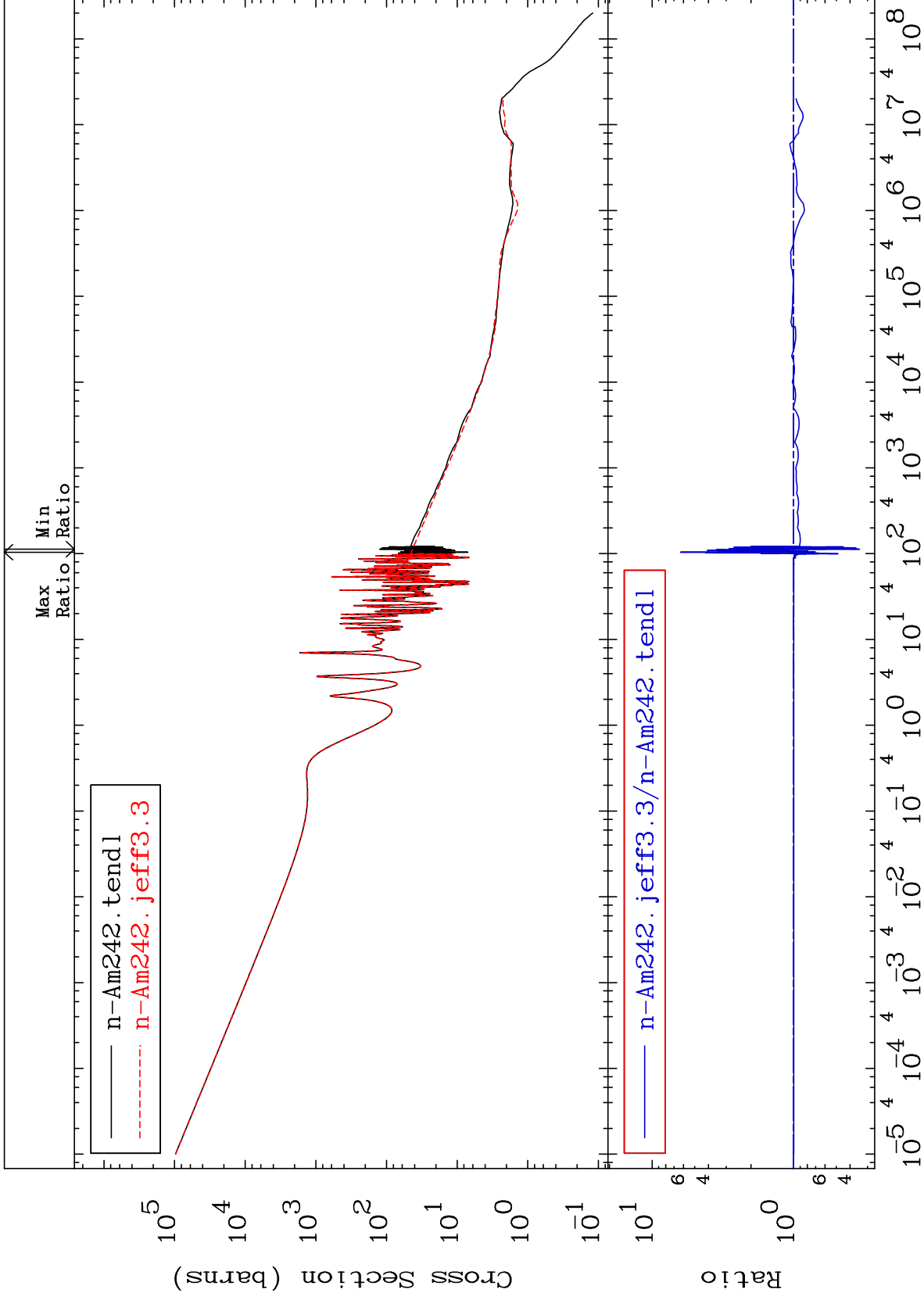
-80.77 To -23.14%



MAT 9546

Fission
Cross Section

95-Am-242
-65.71 To 531.3 %



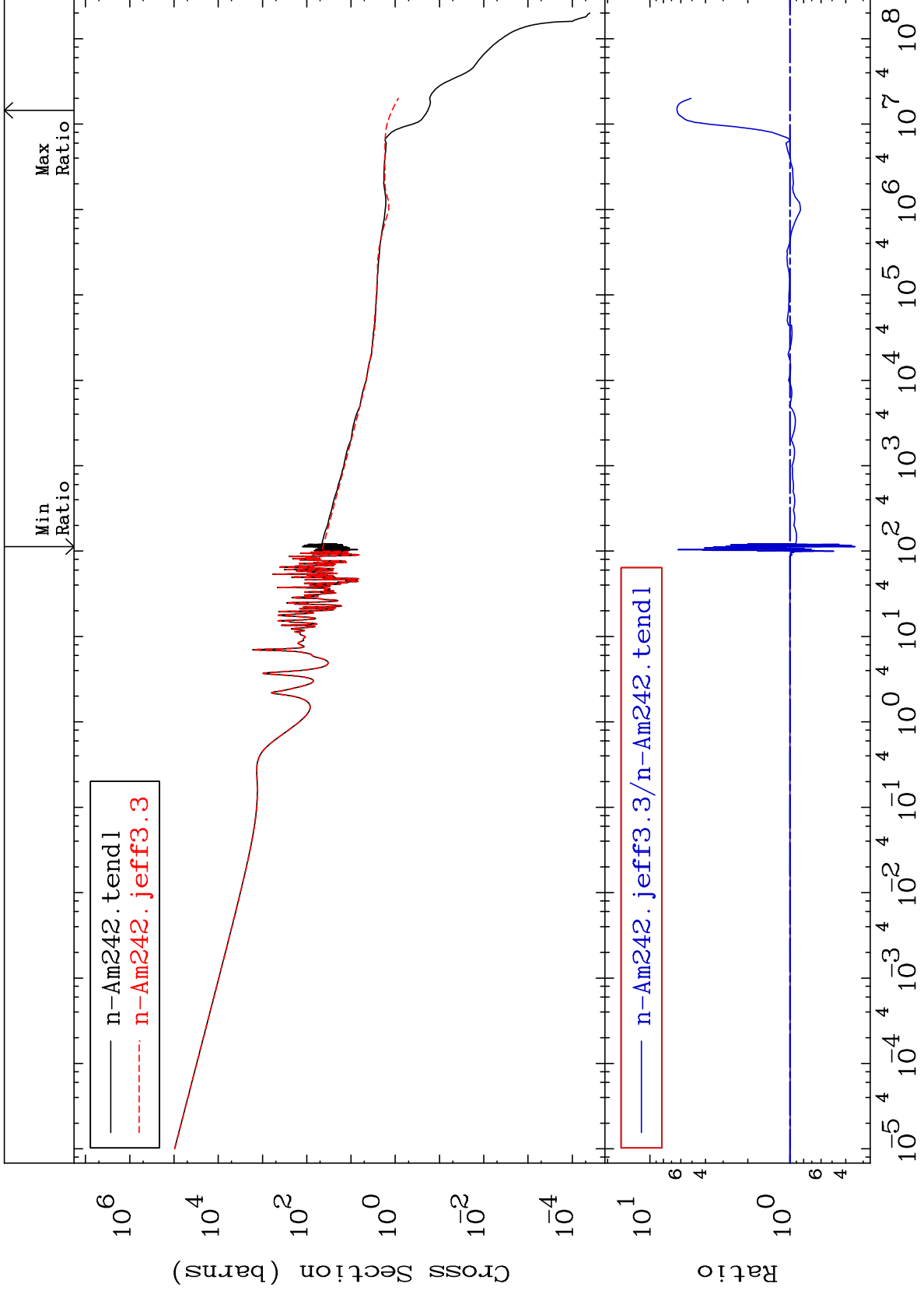
Incident Energy (eV)

95-Am-242

MAT 9546

(n,f) First Chance
Cross Section

95-Am-242
-65.71 To 540.6 %



Incident Energy (eV)

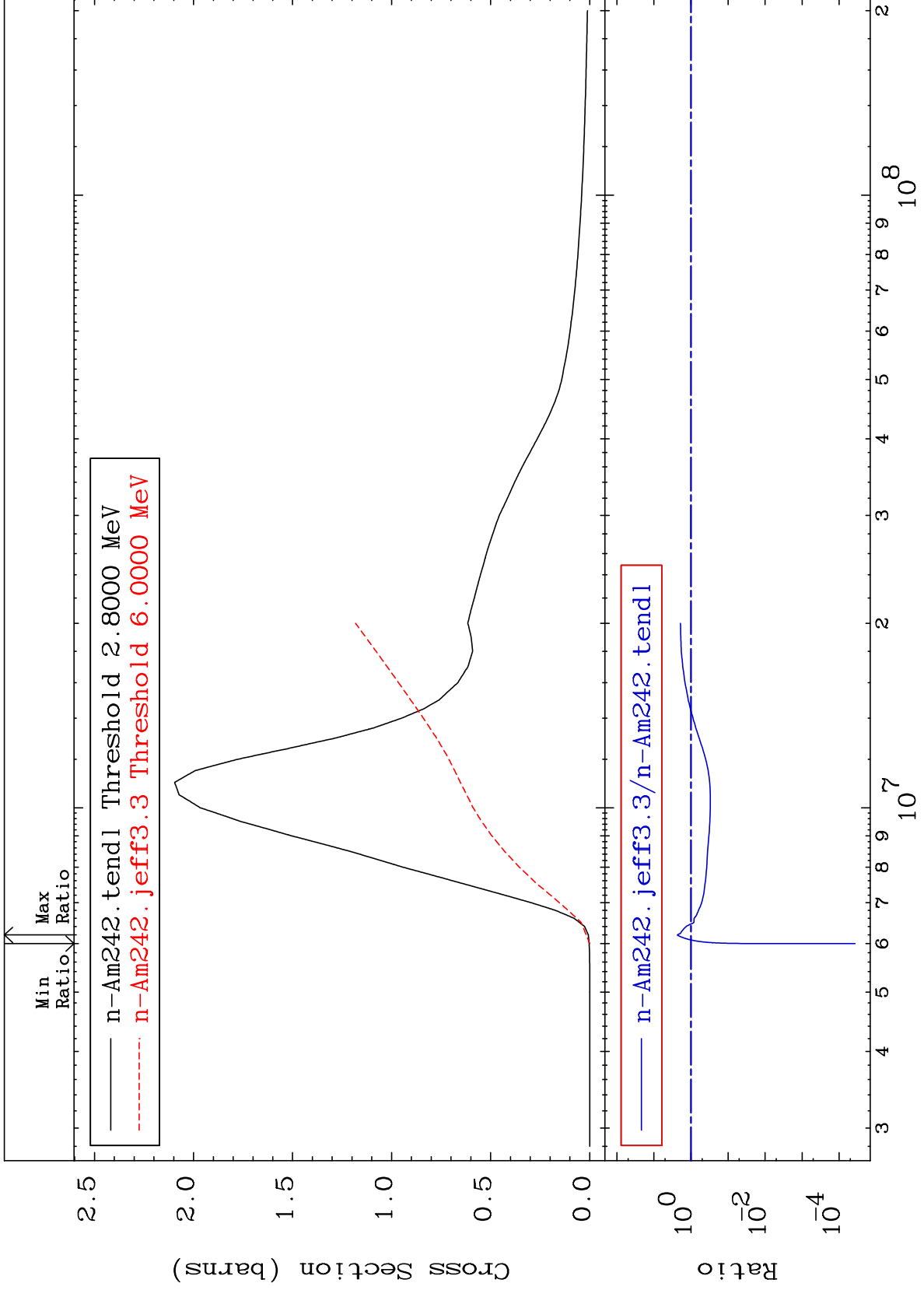
95-Am-242

7

MAT 9546

(n, nf) Second Chance
Cross Section

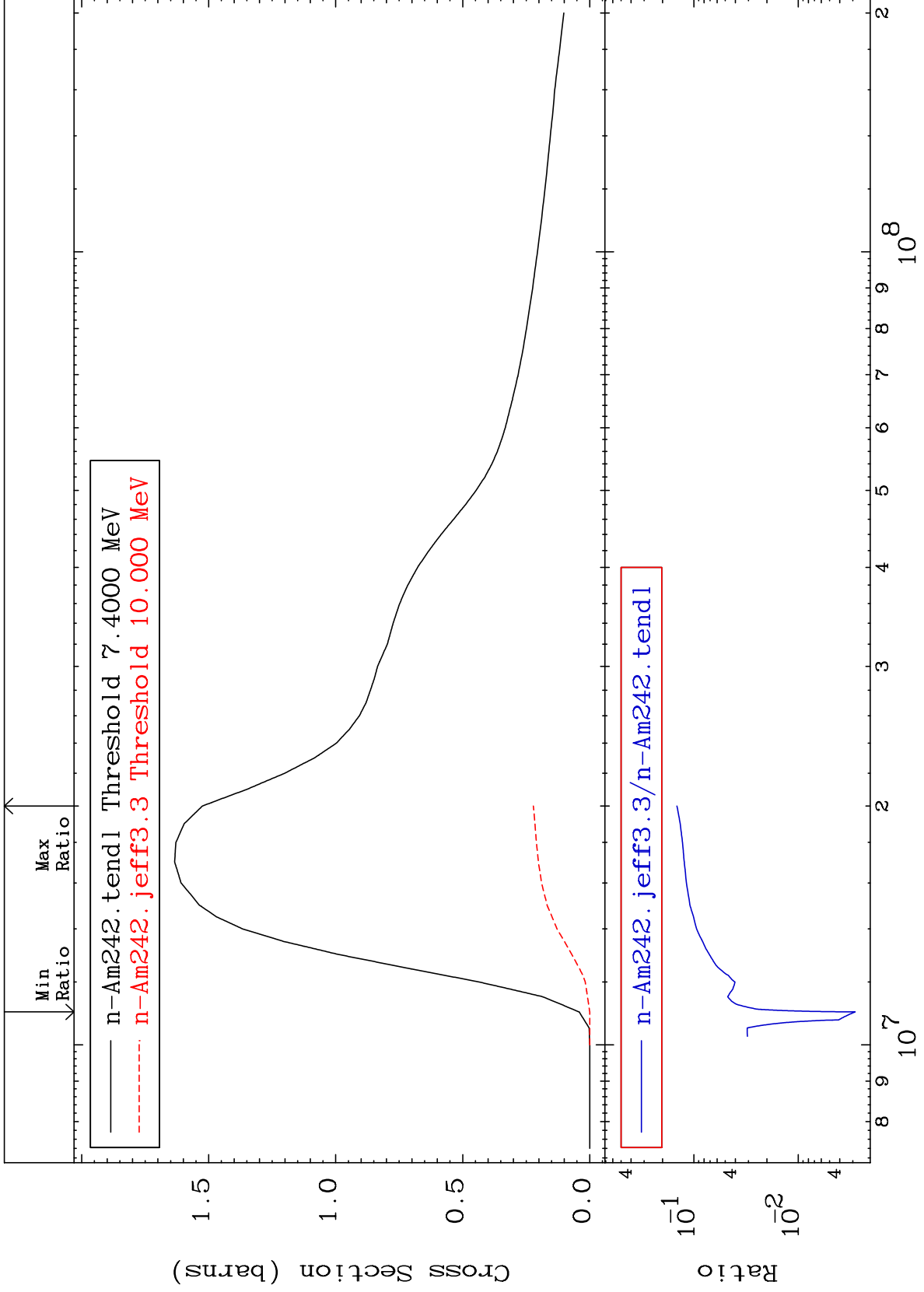
95-Am-242
-100.0 To 139.6 %



MAT 9546

(n,2nf) Third Chance
Cross Section

95-Am-242
-99.72 To -85.45%



9

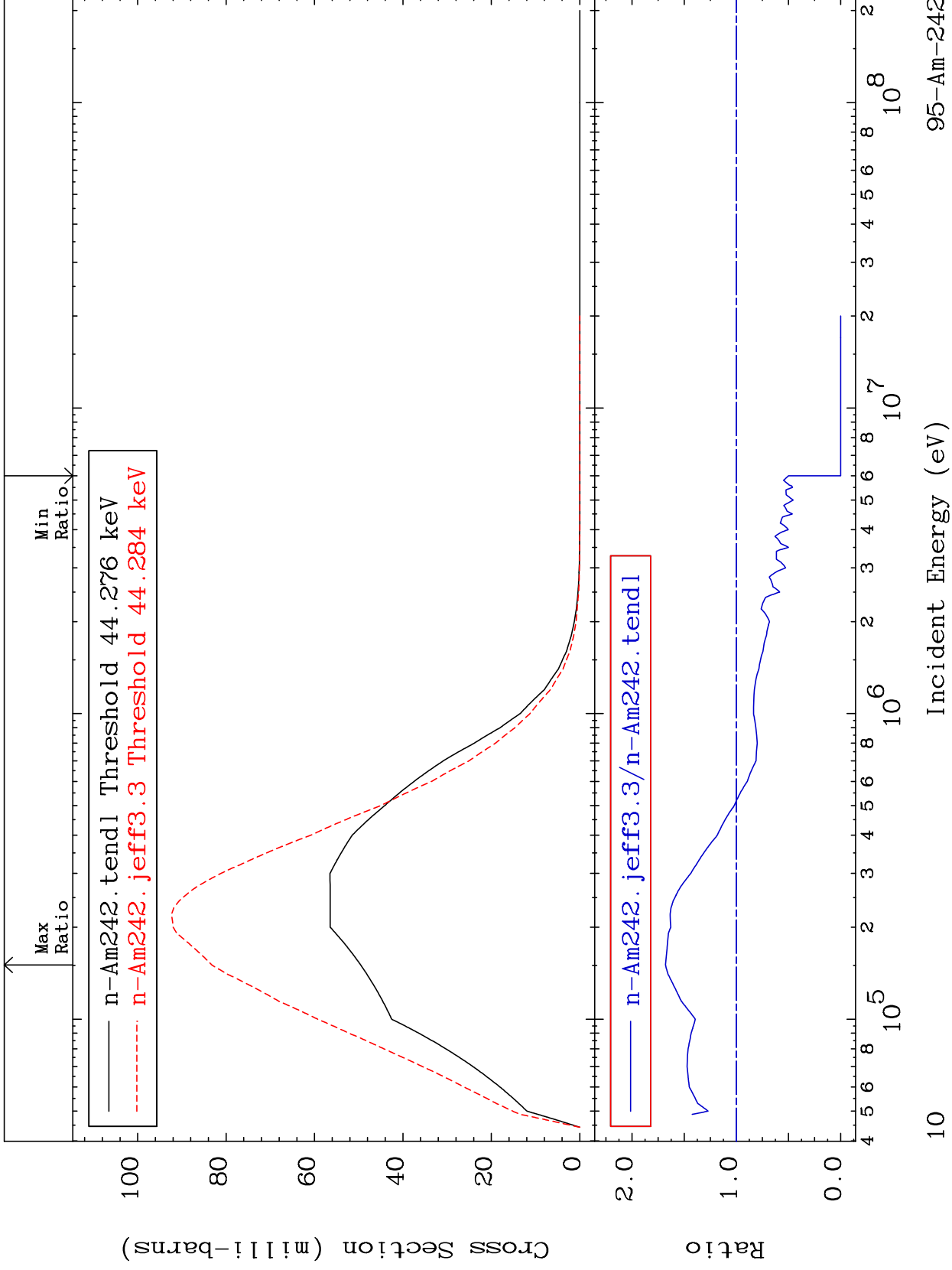
Incident Energy (eV)

95-Am-242

MAT 9546

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

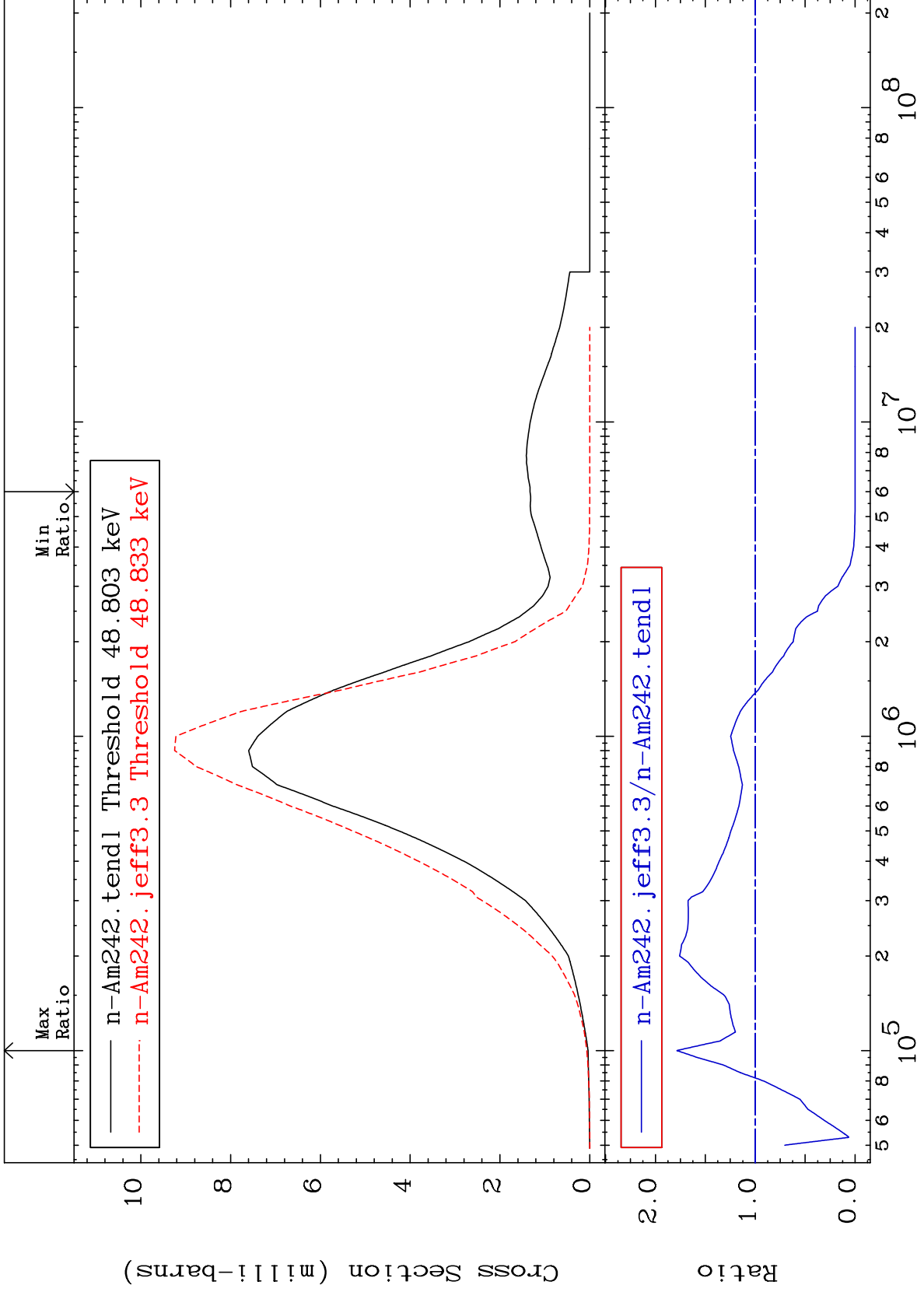
95-Am-242
-100.0 To 67.91 %



MAT 9546

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

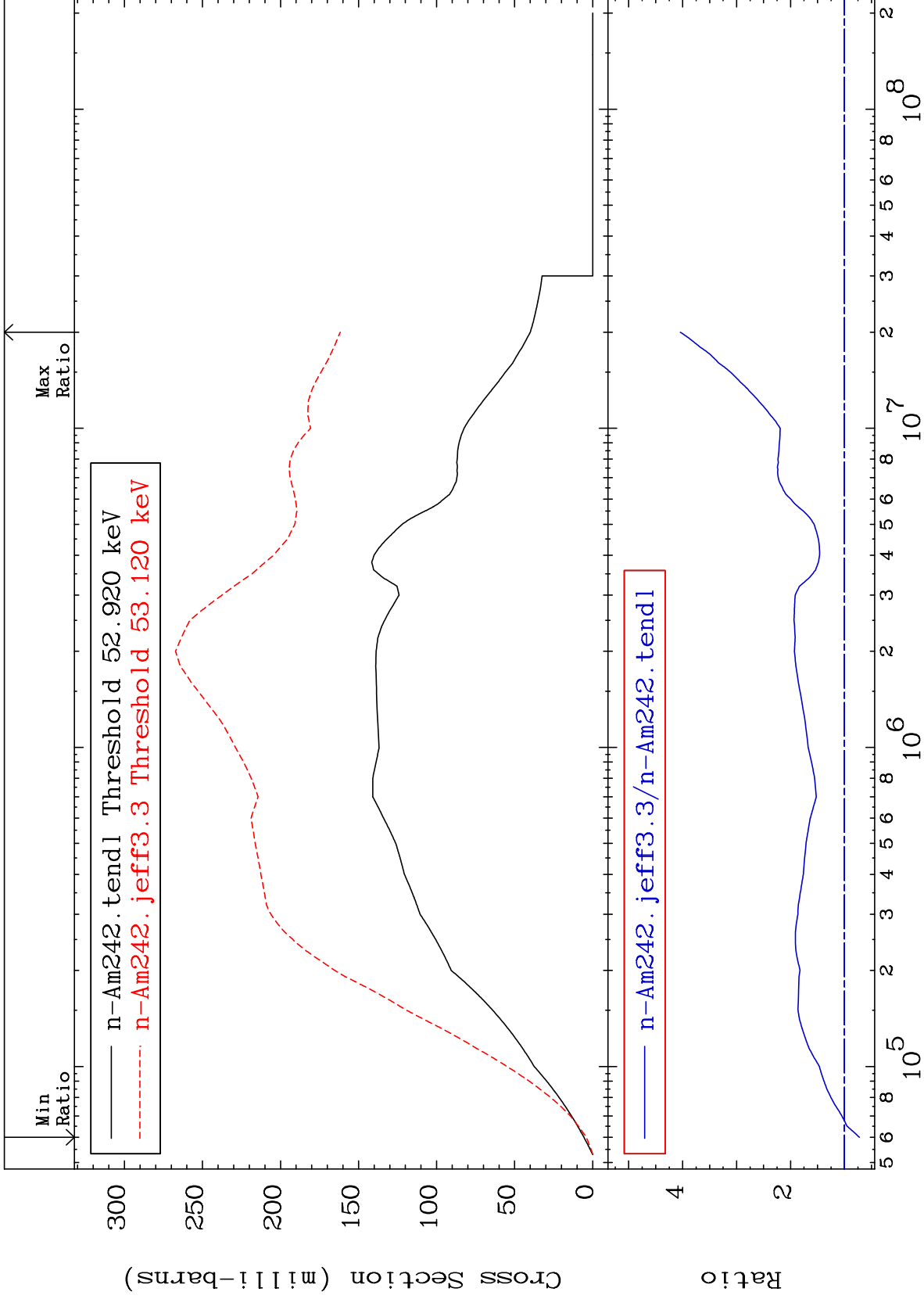
95-Am-242
-100.0 To 78.46 %



MAT 9546

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

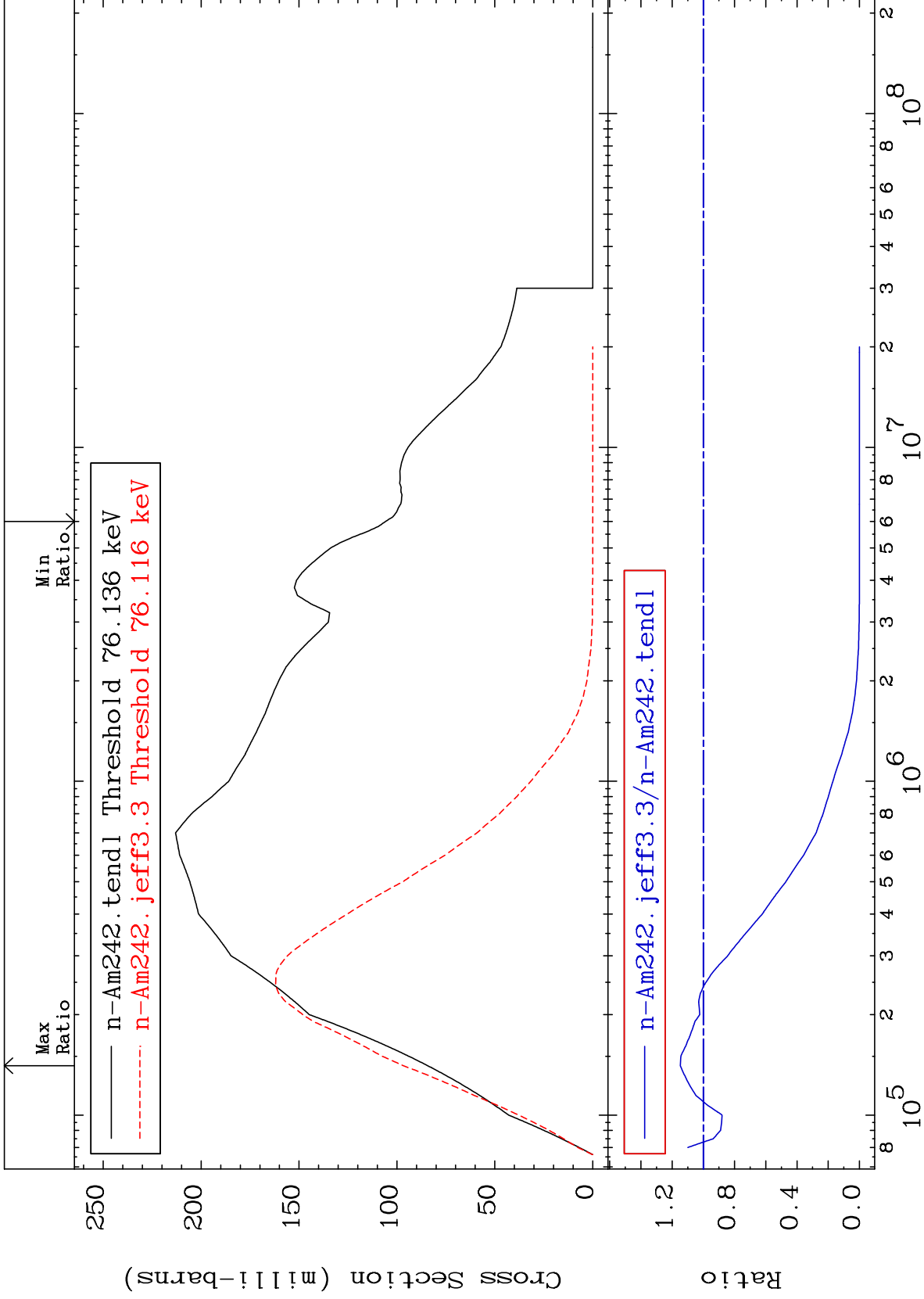
95-Am-242
-27.76 To 304.2 %



MAT 9546

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

95-Am-242
-100.0 To 14.73 %



13

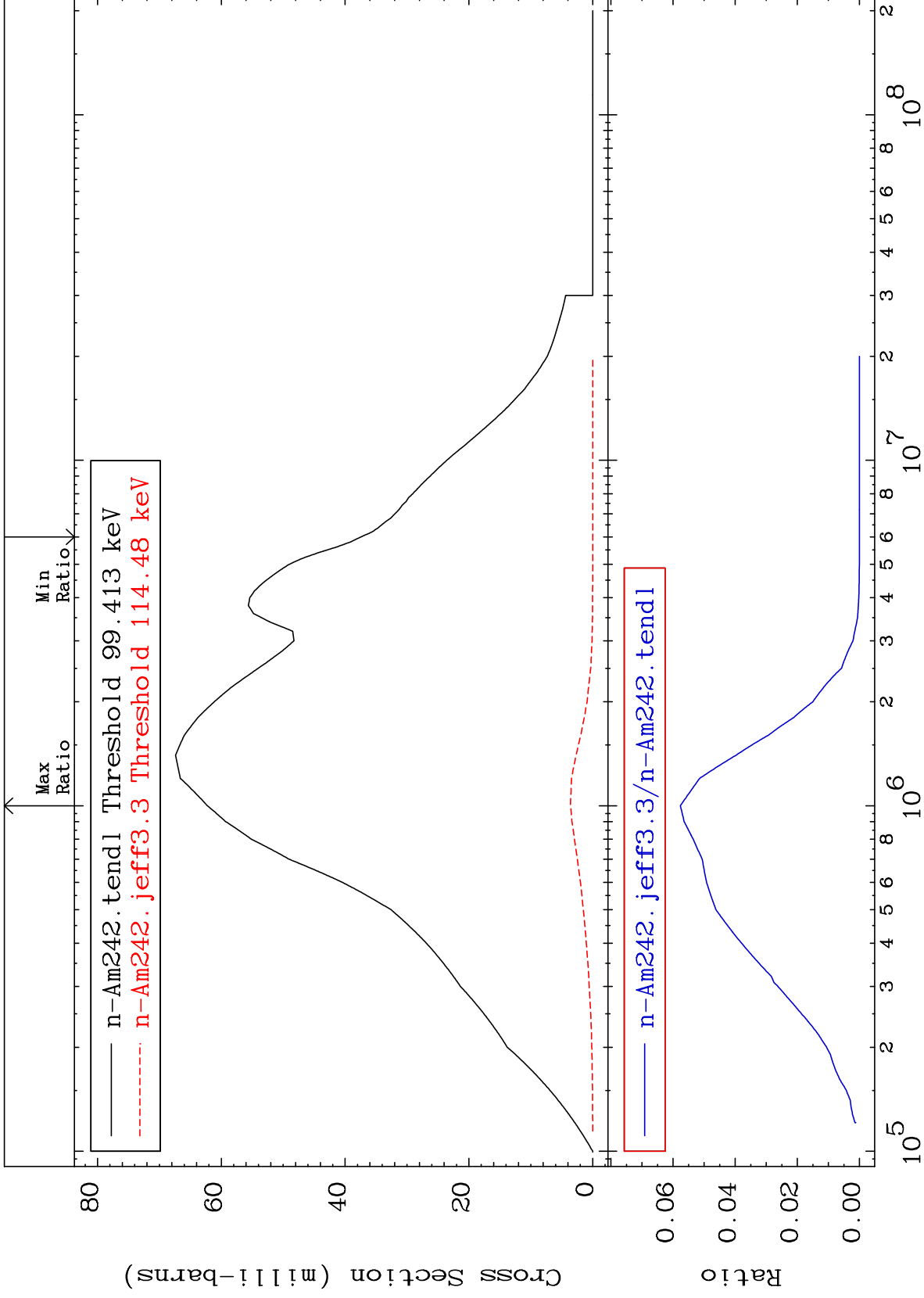
Incident Energy (eV)

95-Am-242

MAT 9546

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

95-Am-242
-100.0 To -94.23%



14

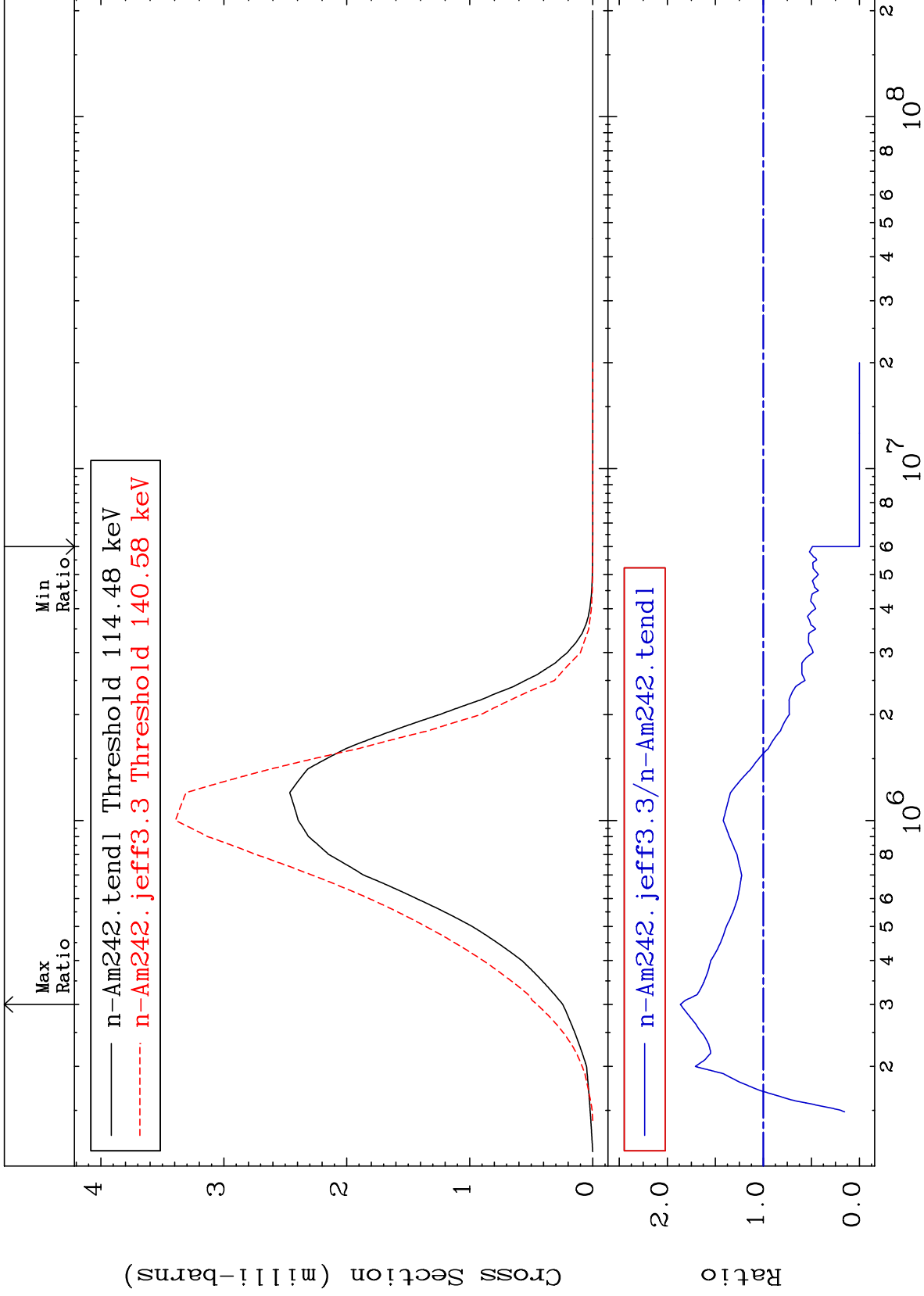
Incident Energy (eV)

95-Am-242

MAT 9546

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

95-Am-242
-100.0 To 86.41 %



15

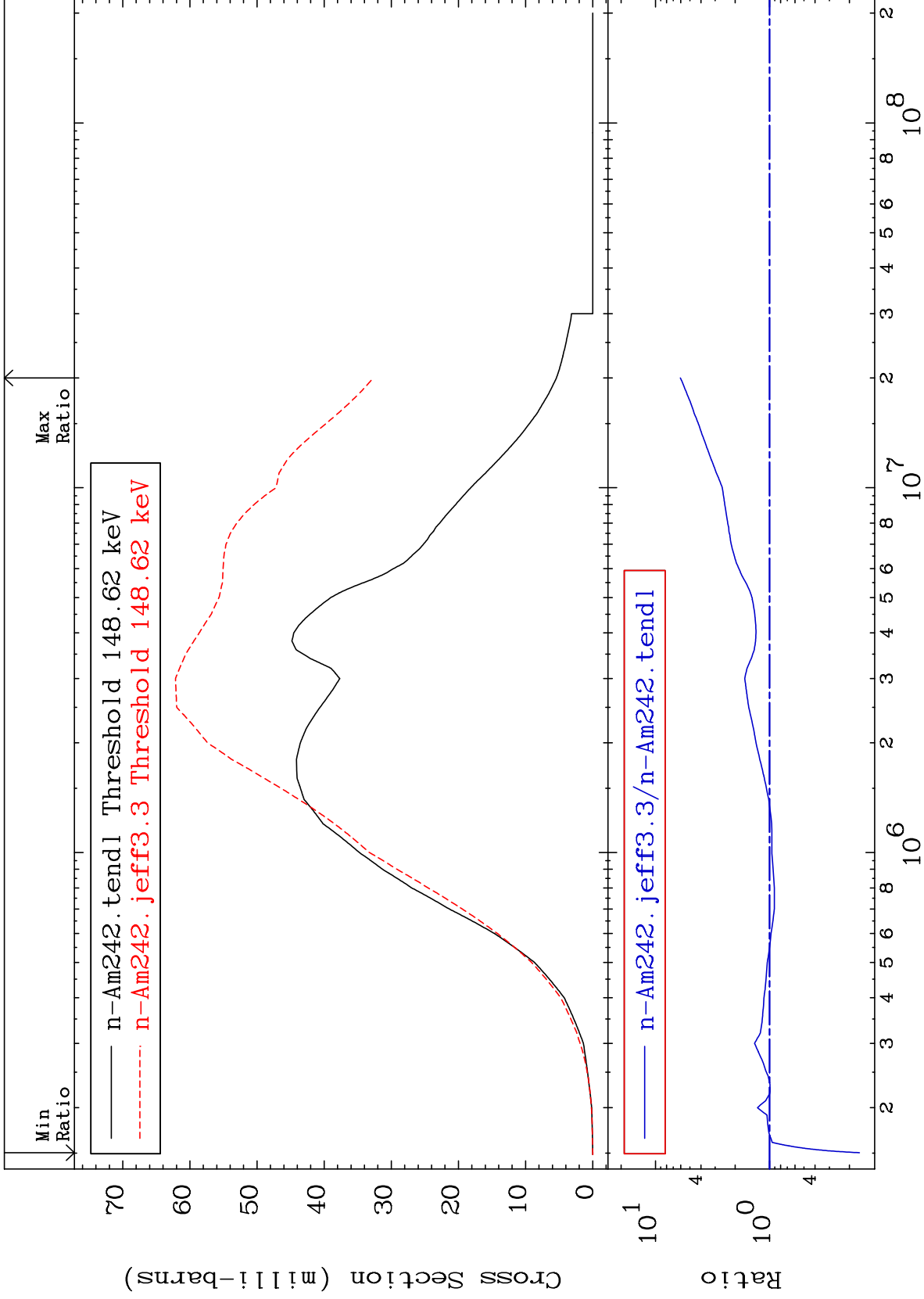
Incident Energy (eV)

95-Am-242

MAT 9546

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

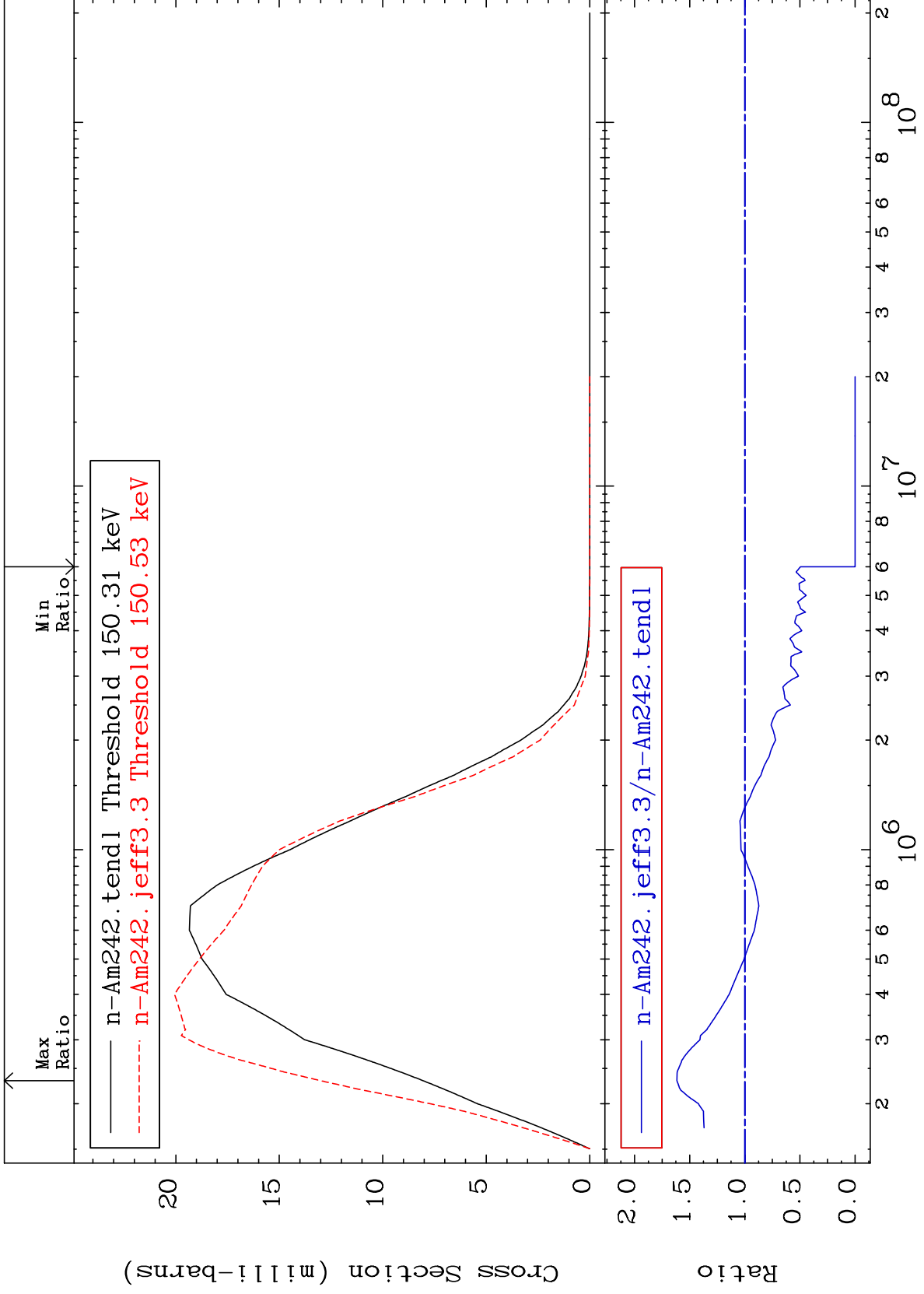
95-Am-242
-83.66 To 505.0 %



MAT 9546

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

95-Am-242
-100.0 To 61.59 %



17

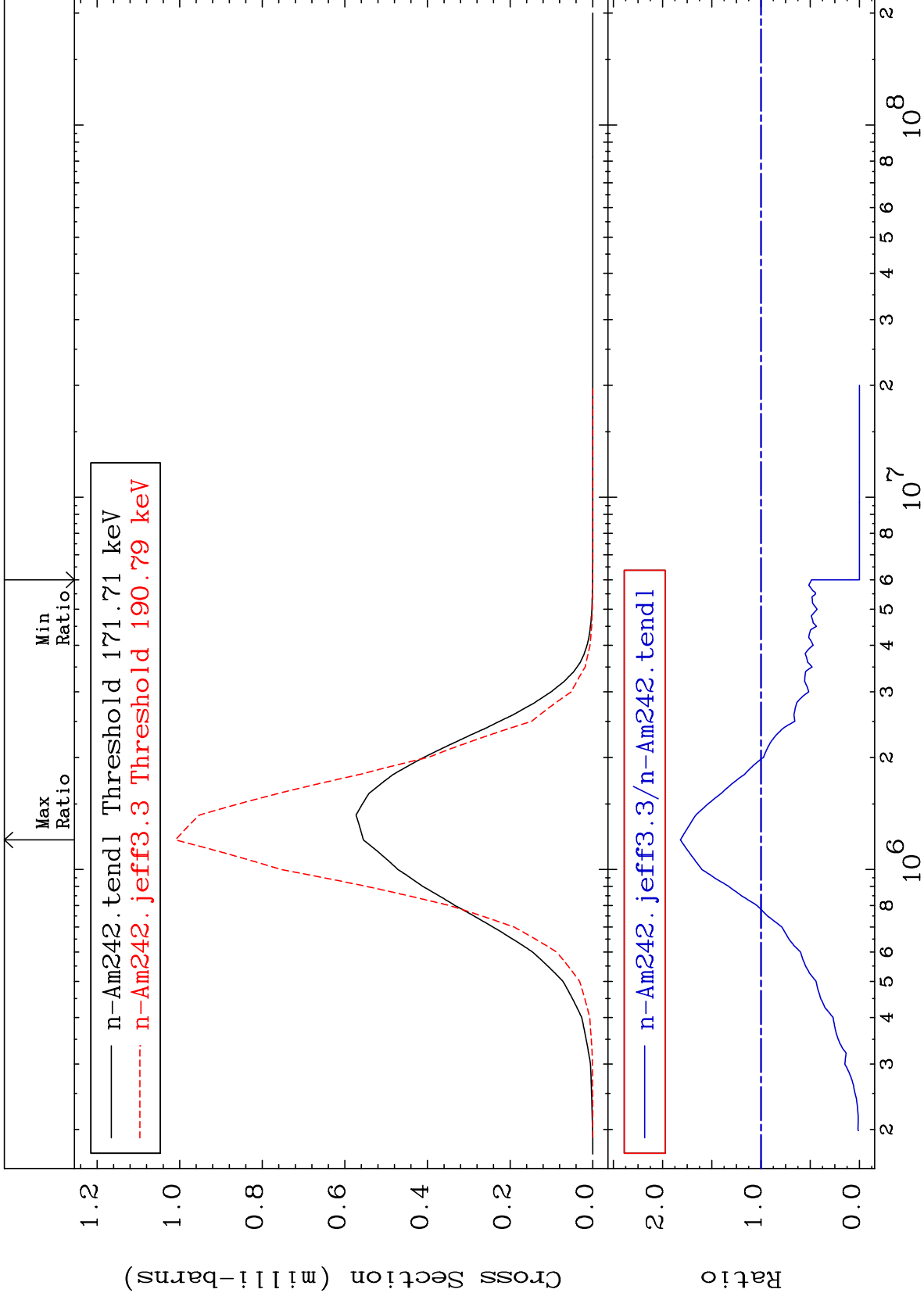
Incident Energy (eV)

95-Am-242

MAT 9546

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

95-Am-242
-100.0 To 81.95 %



18

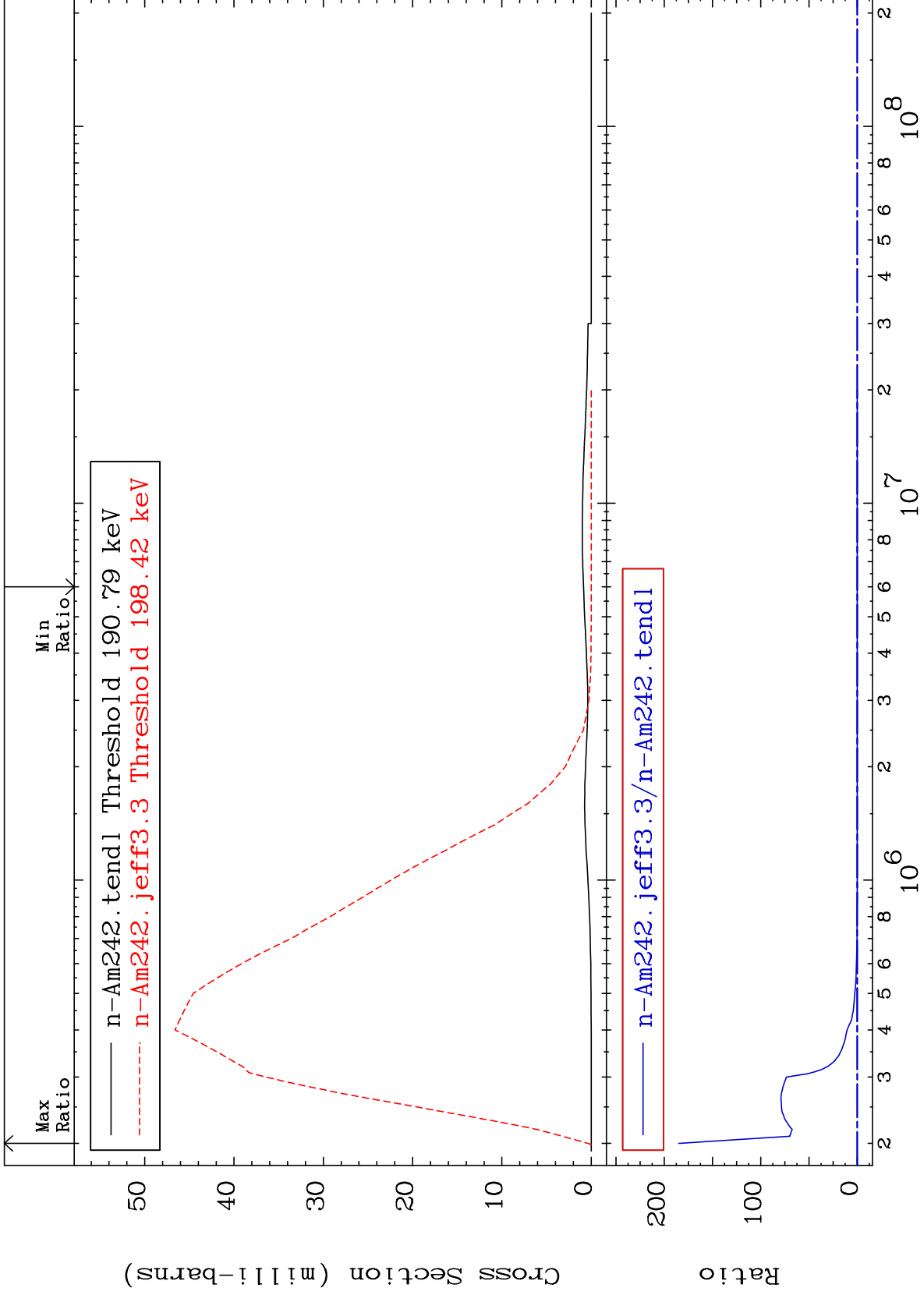
Incident Energy (eV)

95-Am-242

MAT 9546

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

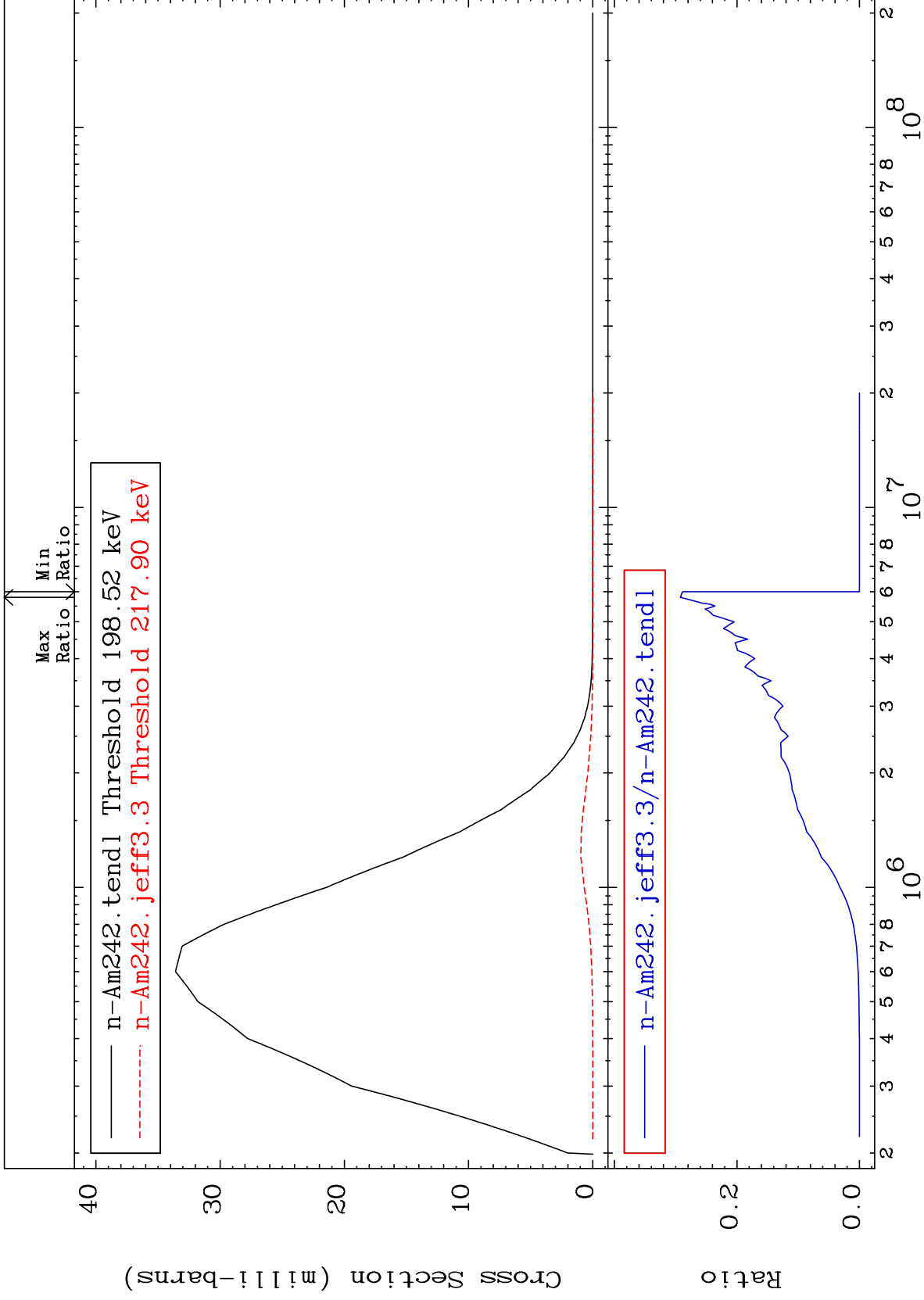
95-Am-242
-100.0 To 9999. %



MAT 9546

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

95-Am-242
-100.0 To -70.75%



20

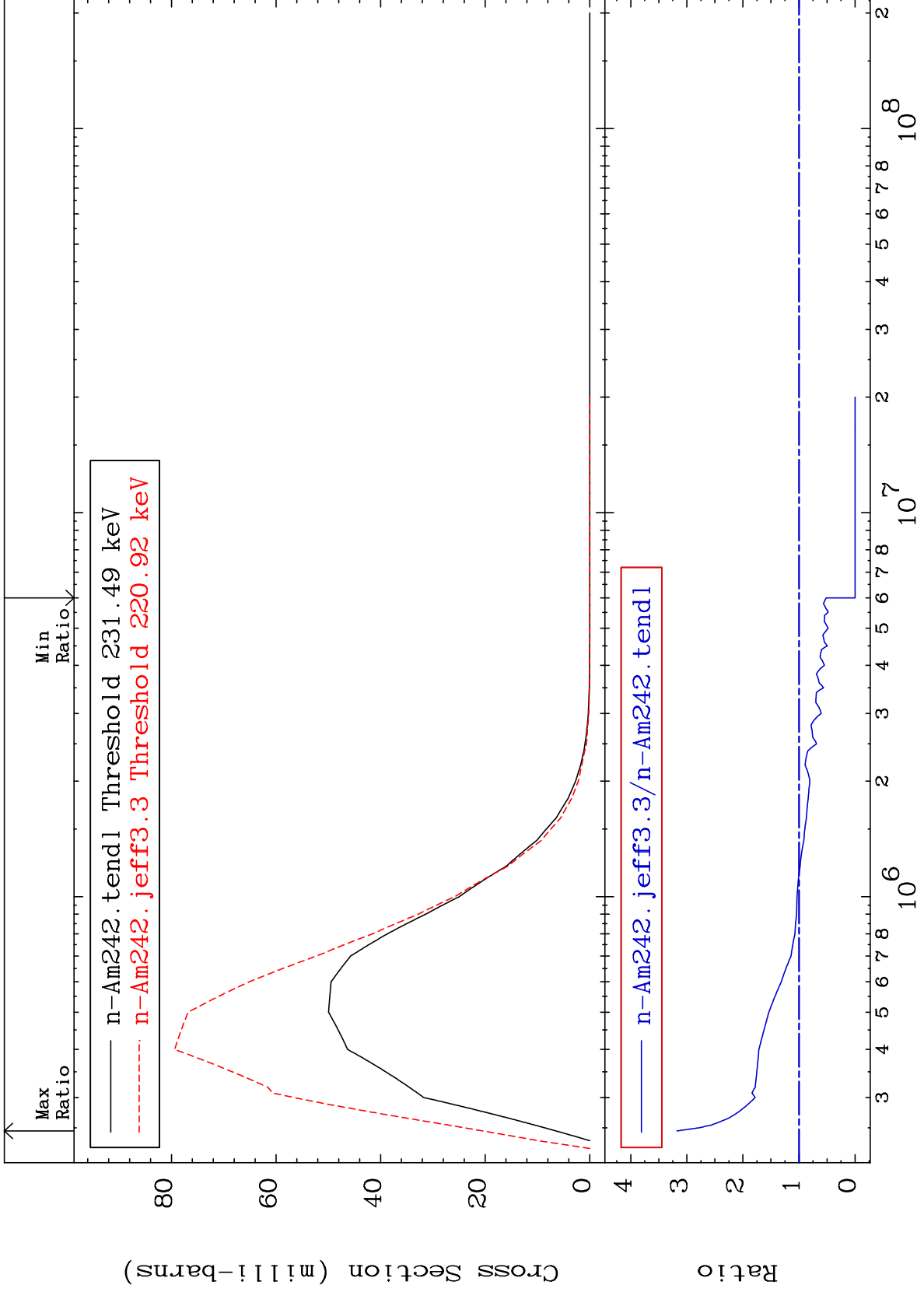
Incident Energy (eV)

95-Am-242

MAT 9546

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

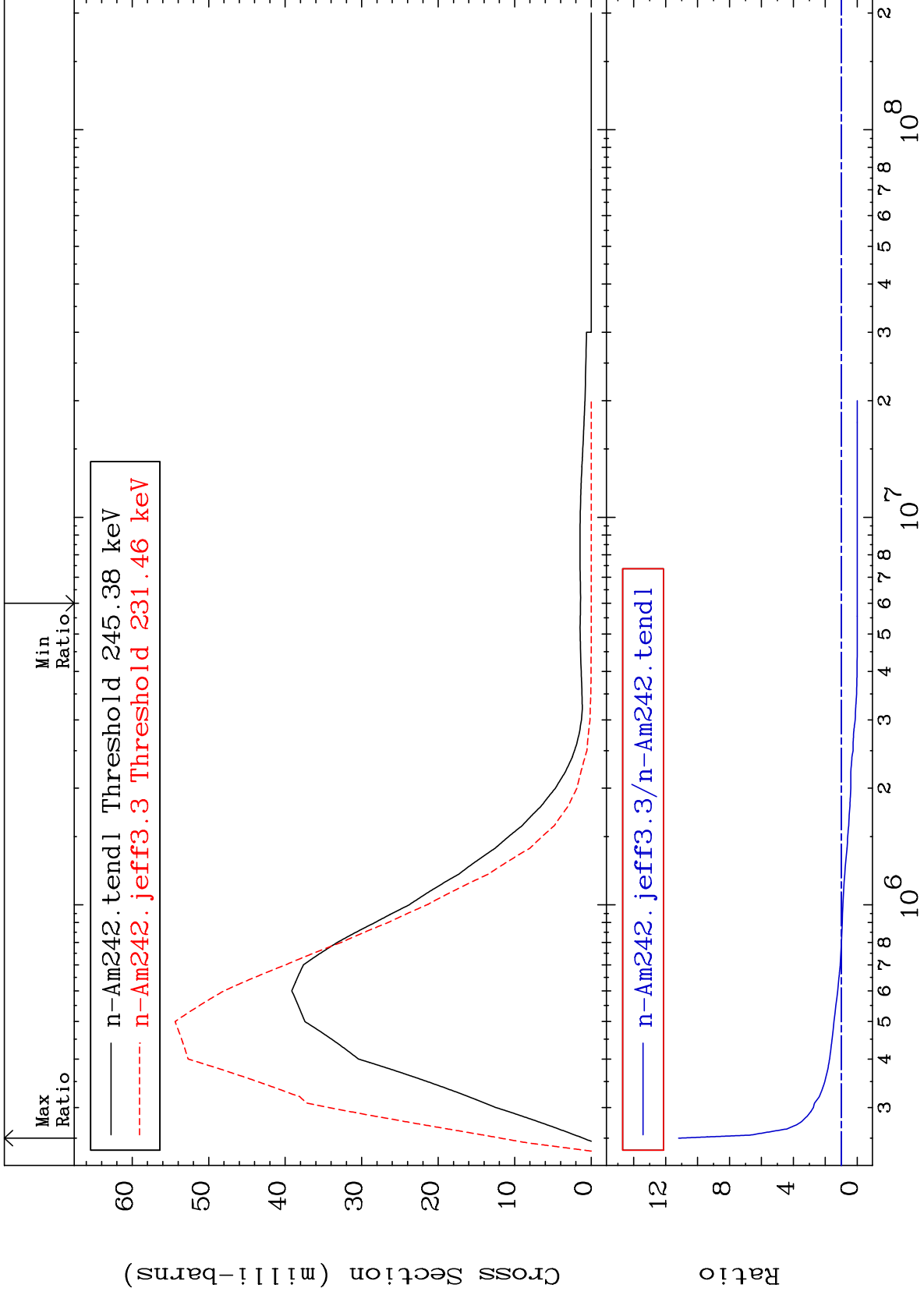
95-Am-242
-100.0 To 217.6 %



MAT 9546

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

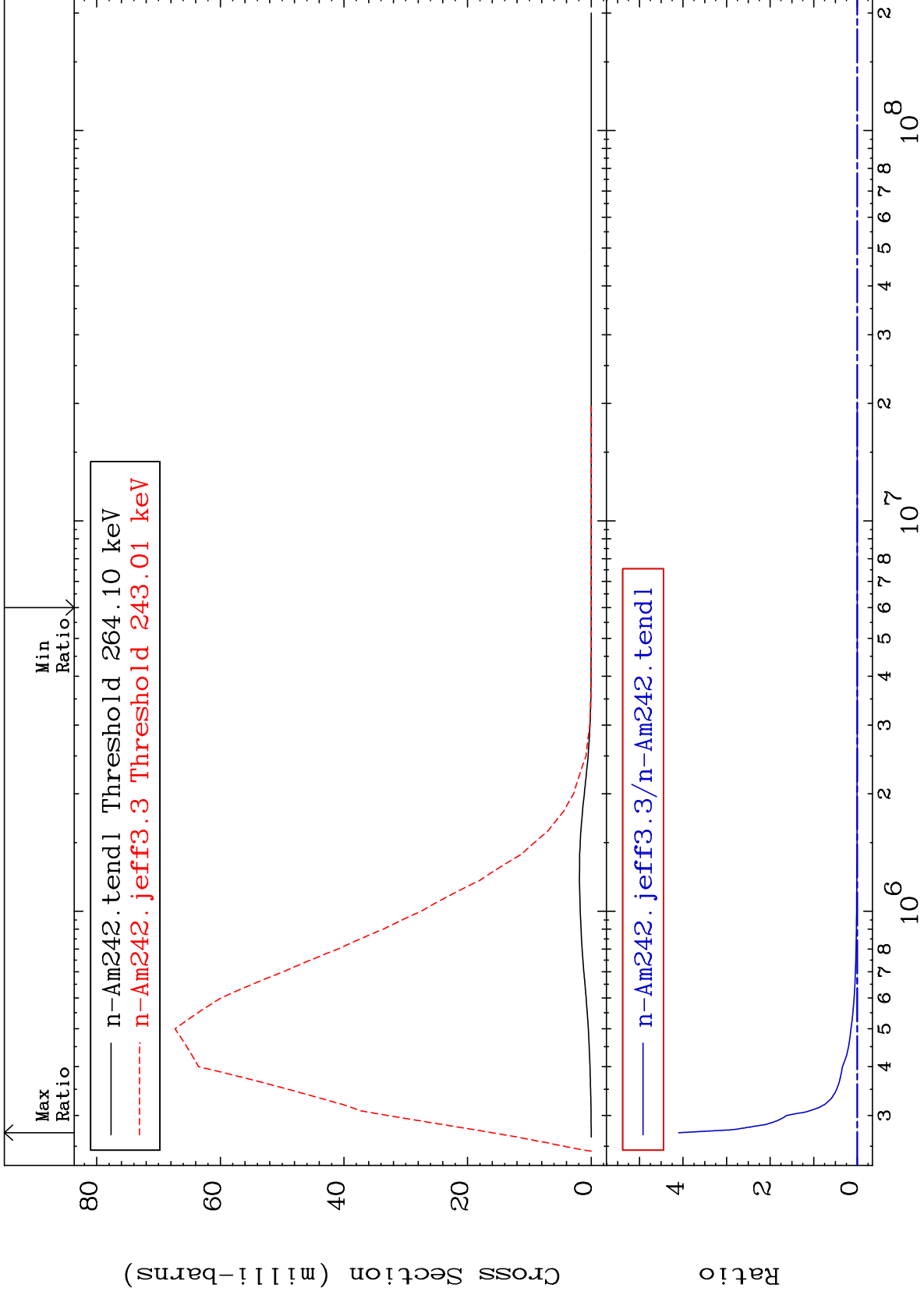
95-Am-242
-100.0 To 1019. %



MAT 9546

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

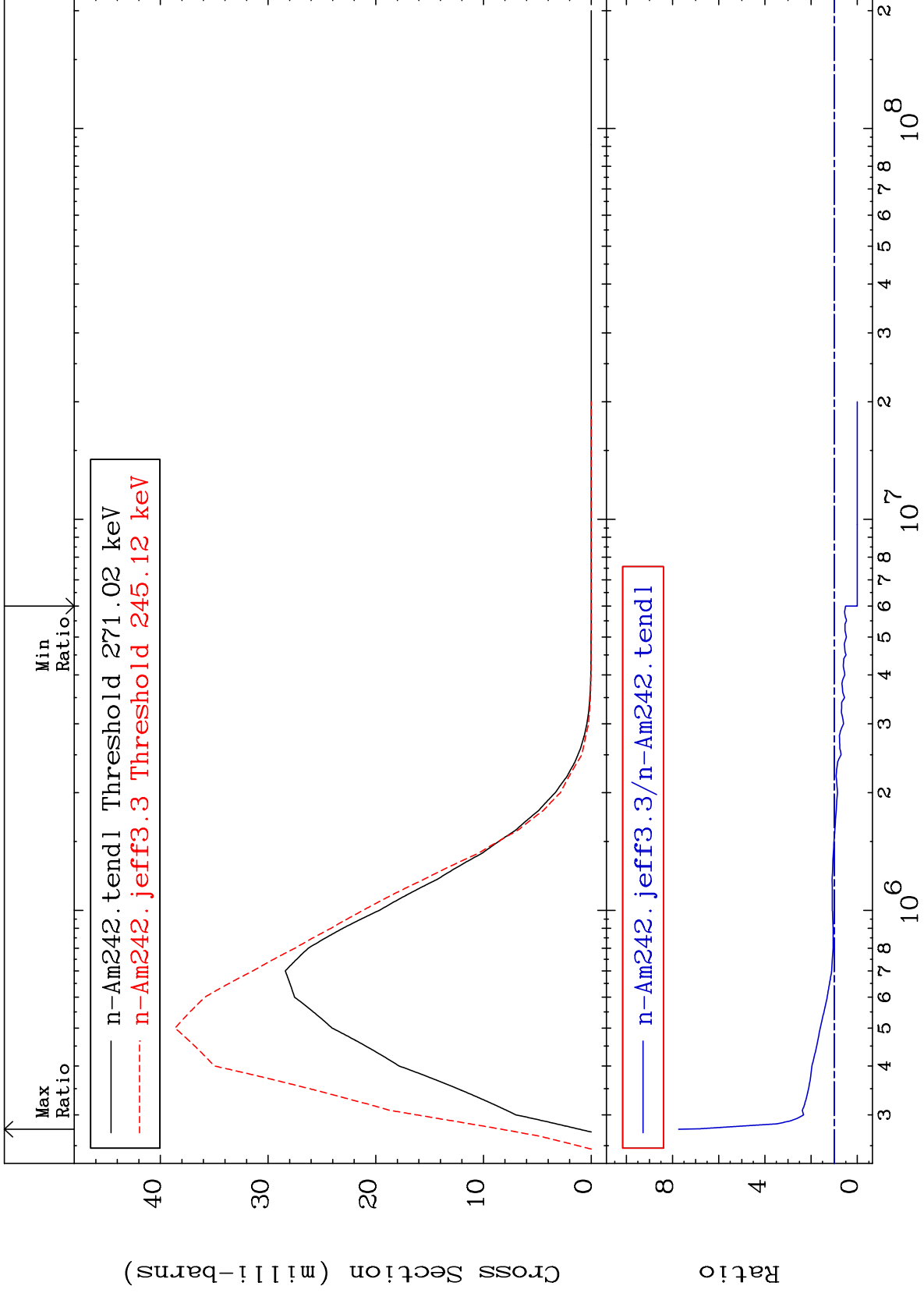
95-Am-242
-100.0 To 9999. %



MAT 9546

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

95-Am-242
-100.0 To 673.5 %



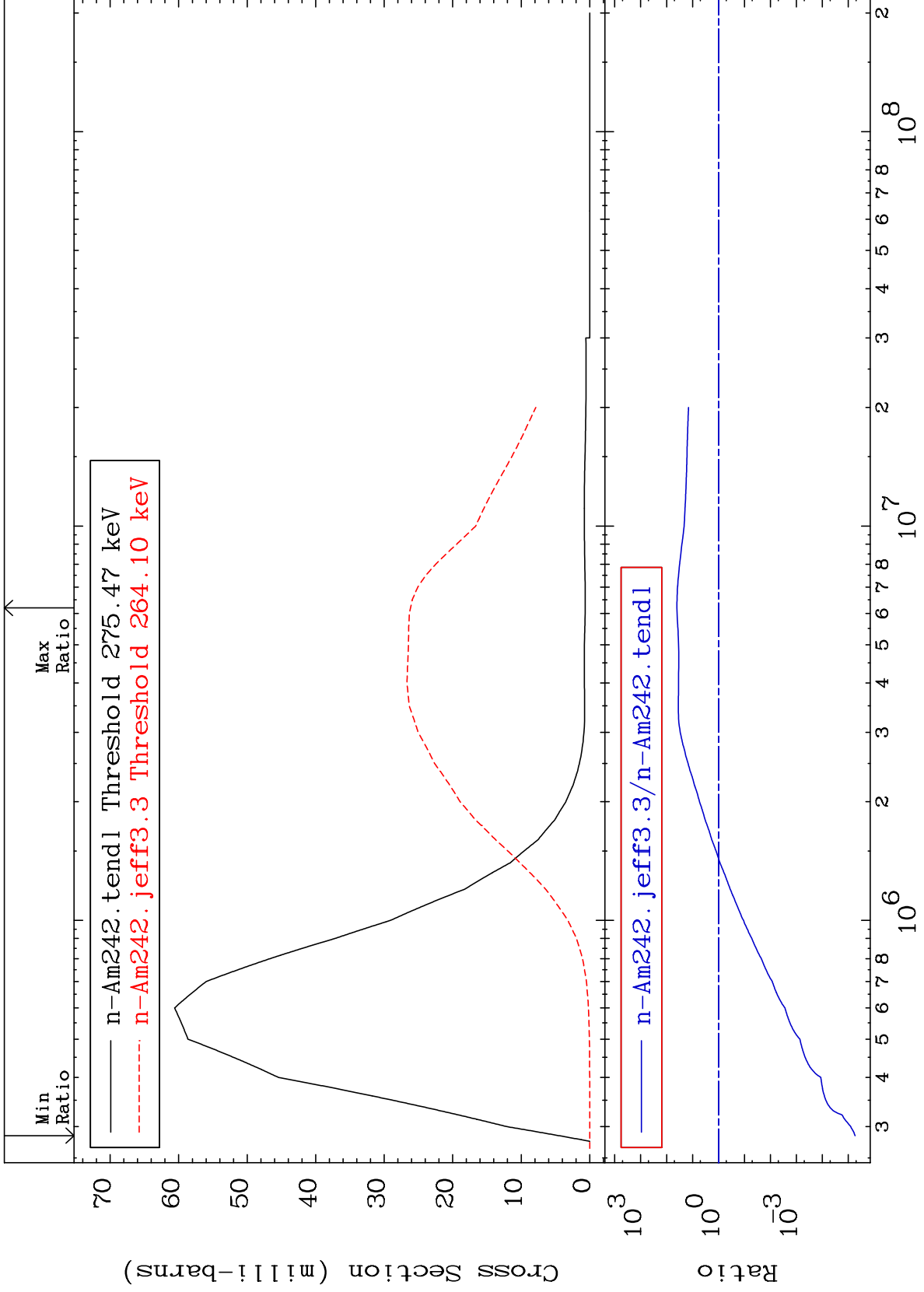
24

95-Am-242

MAT 9546

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

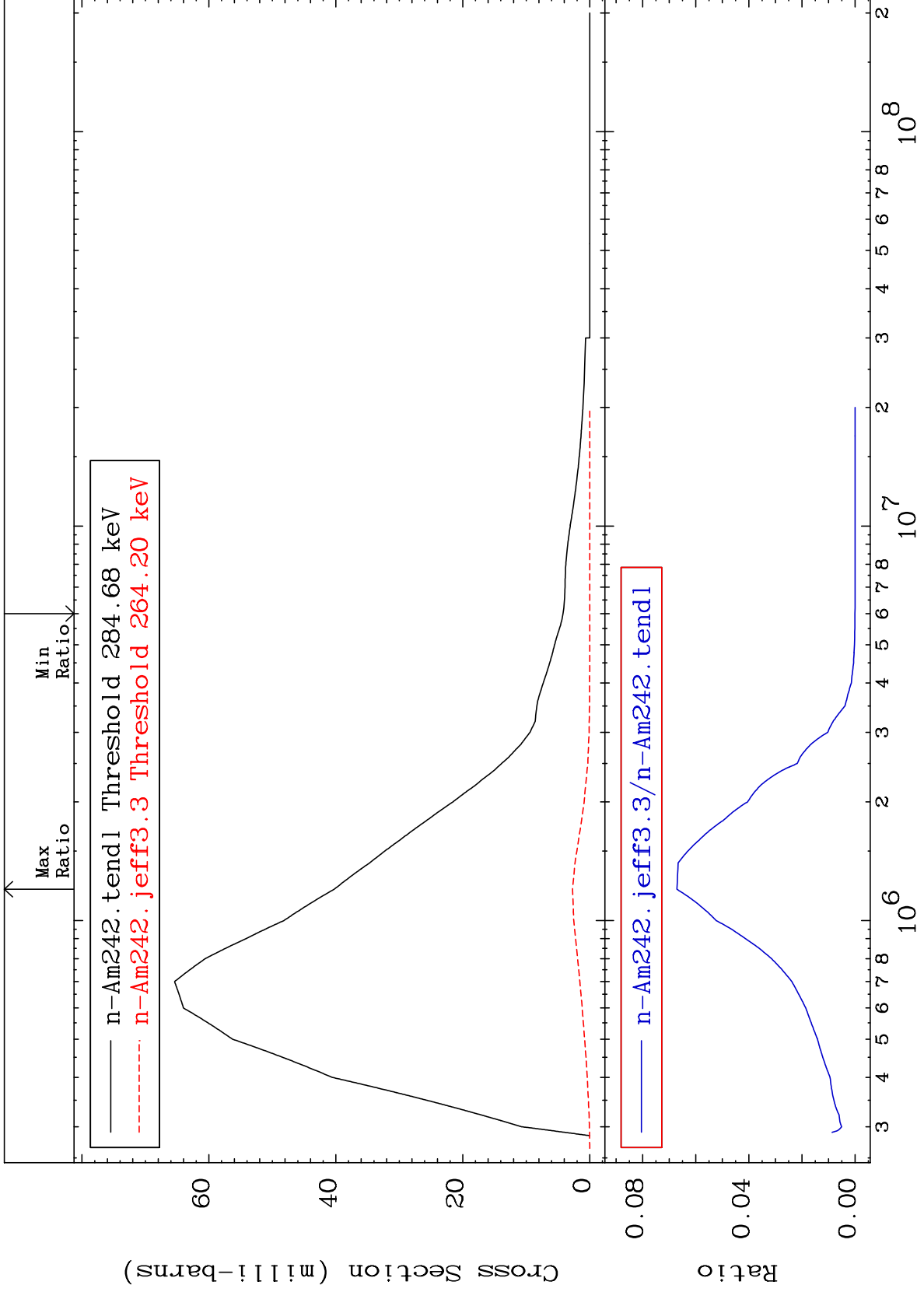
95-Am-242
-100.0 To 3909. %



MAT 9546

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

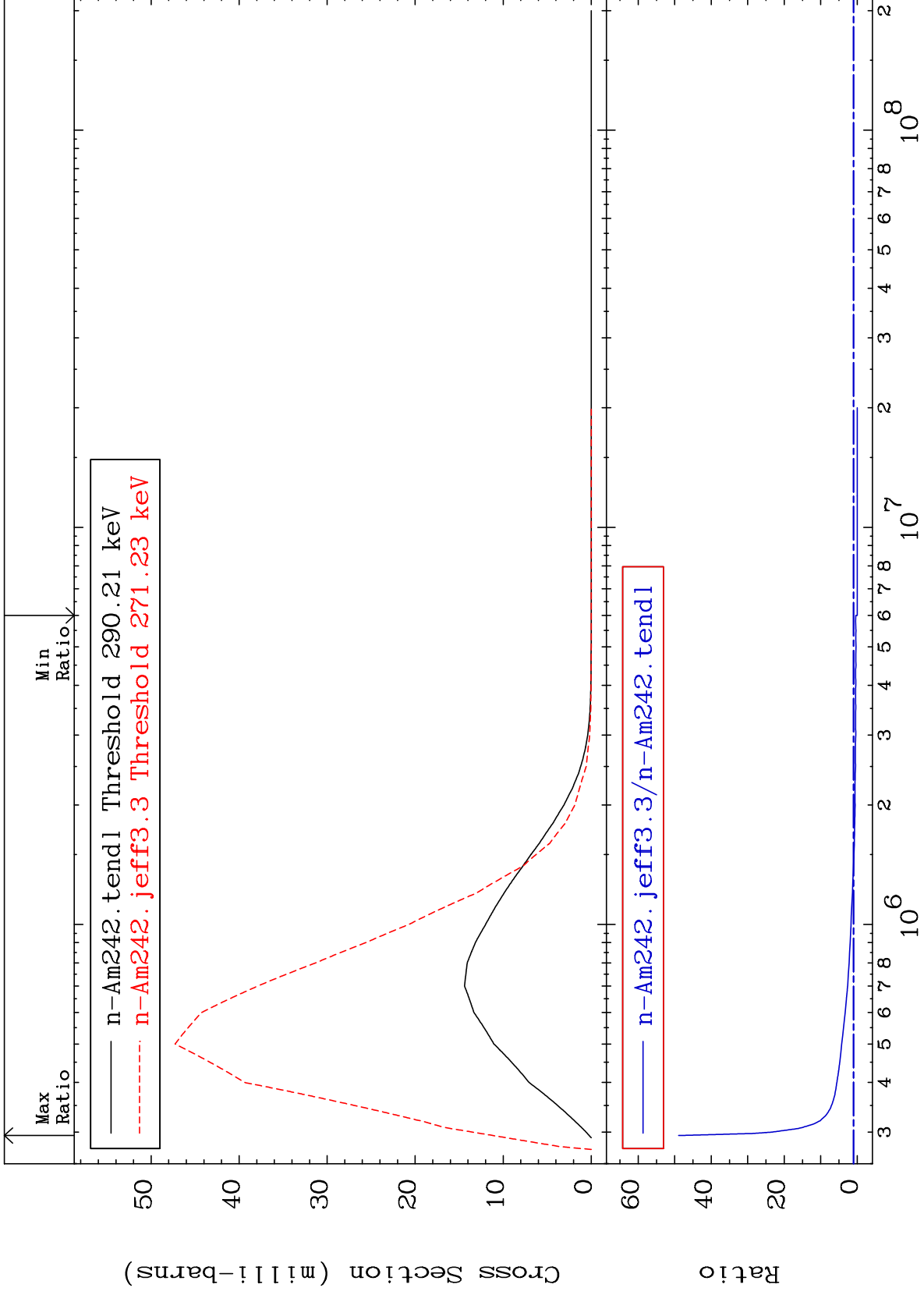
95-Am-242
-100.0 To -93.29%



MAT 9546

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

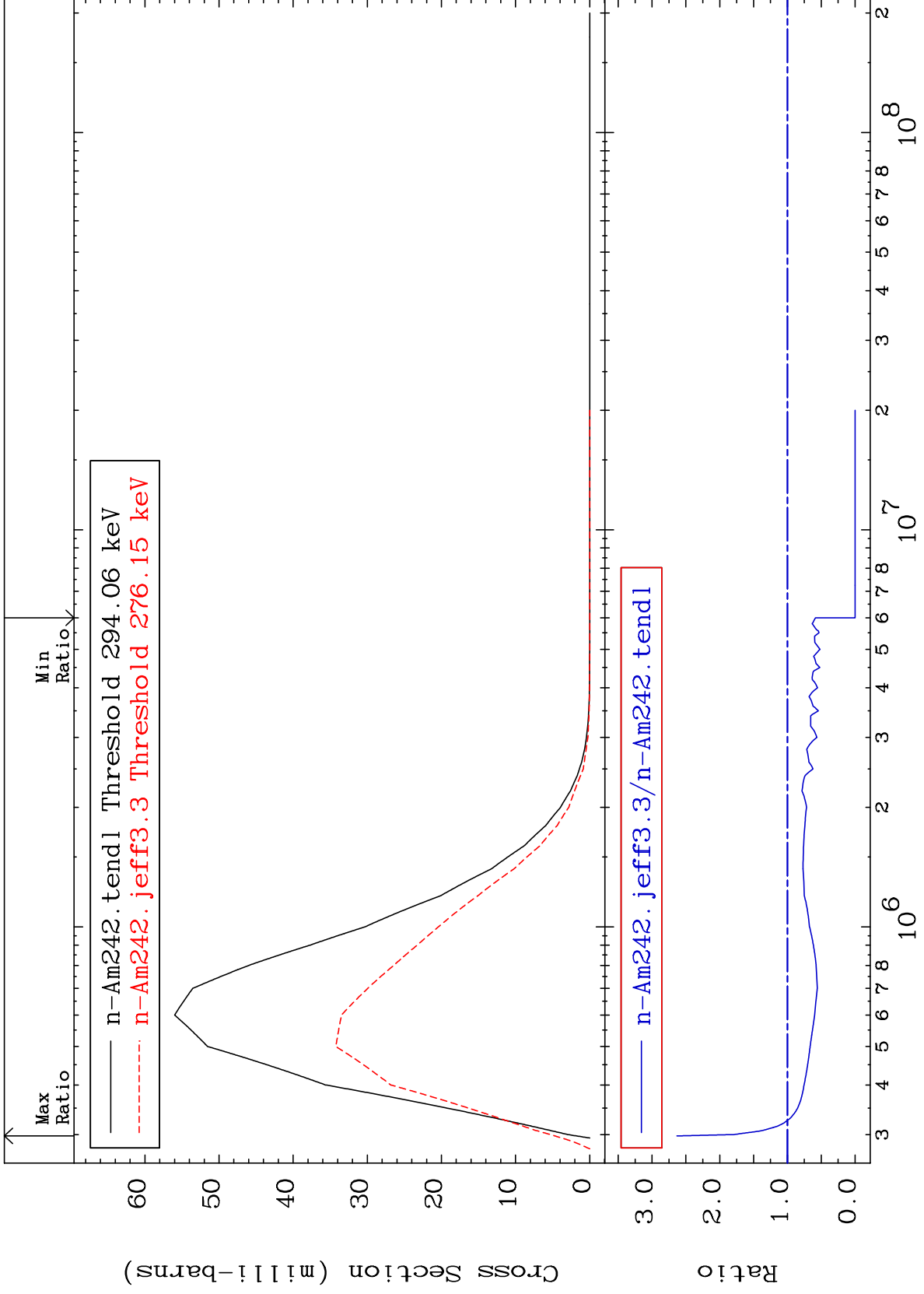
95-Am-242
-100.0 To 4793. %



MAT 9546

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

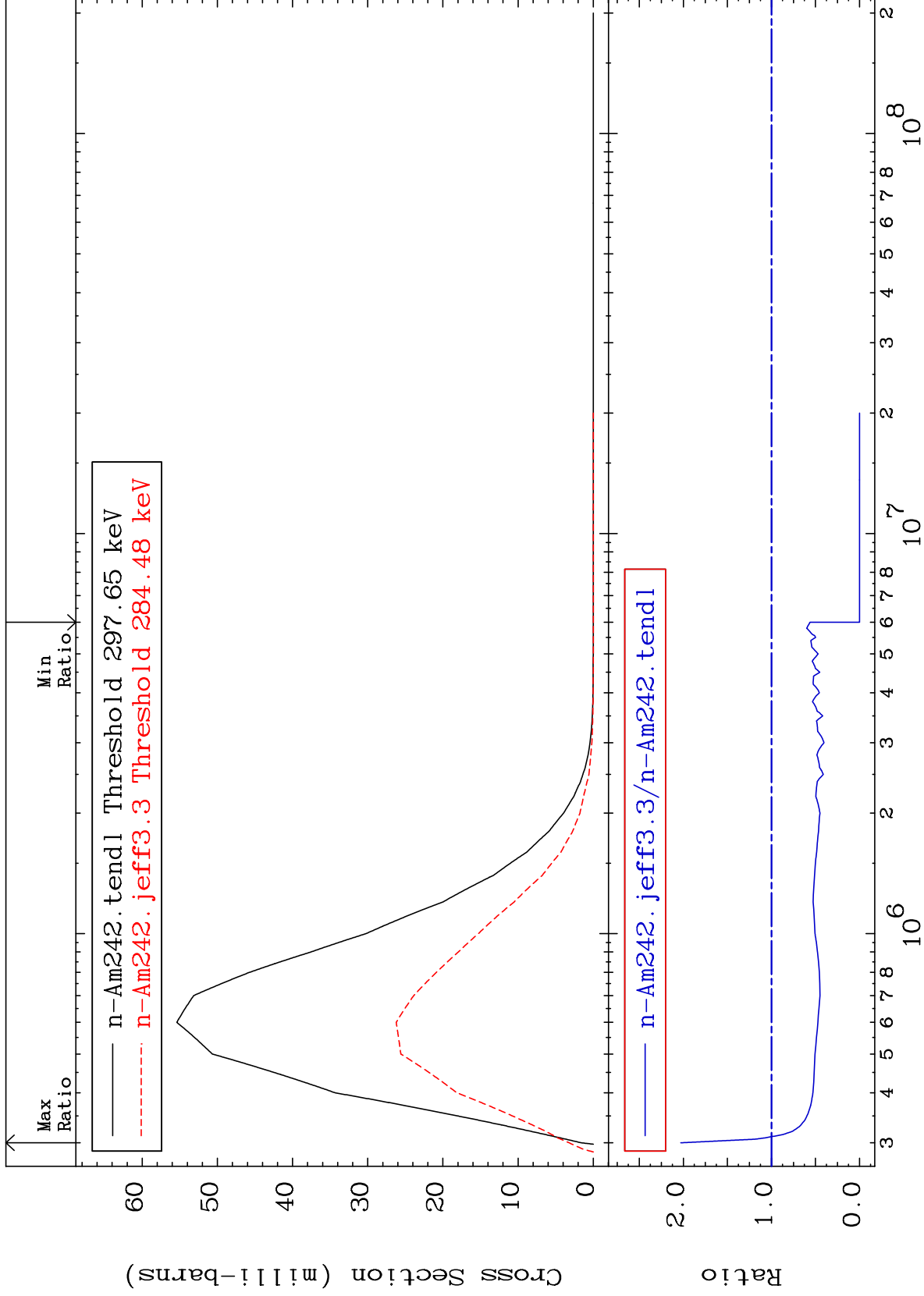
95-Am-242
-100.0 To 163.2 %



MAT 9546

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

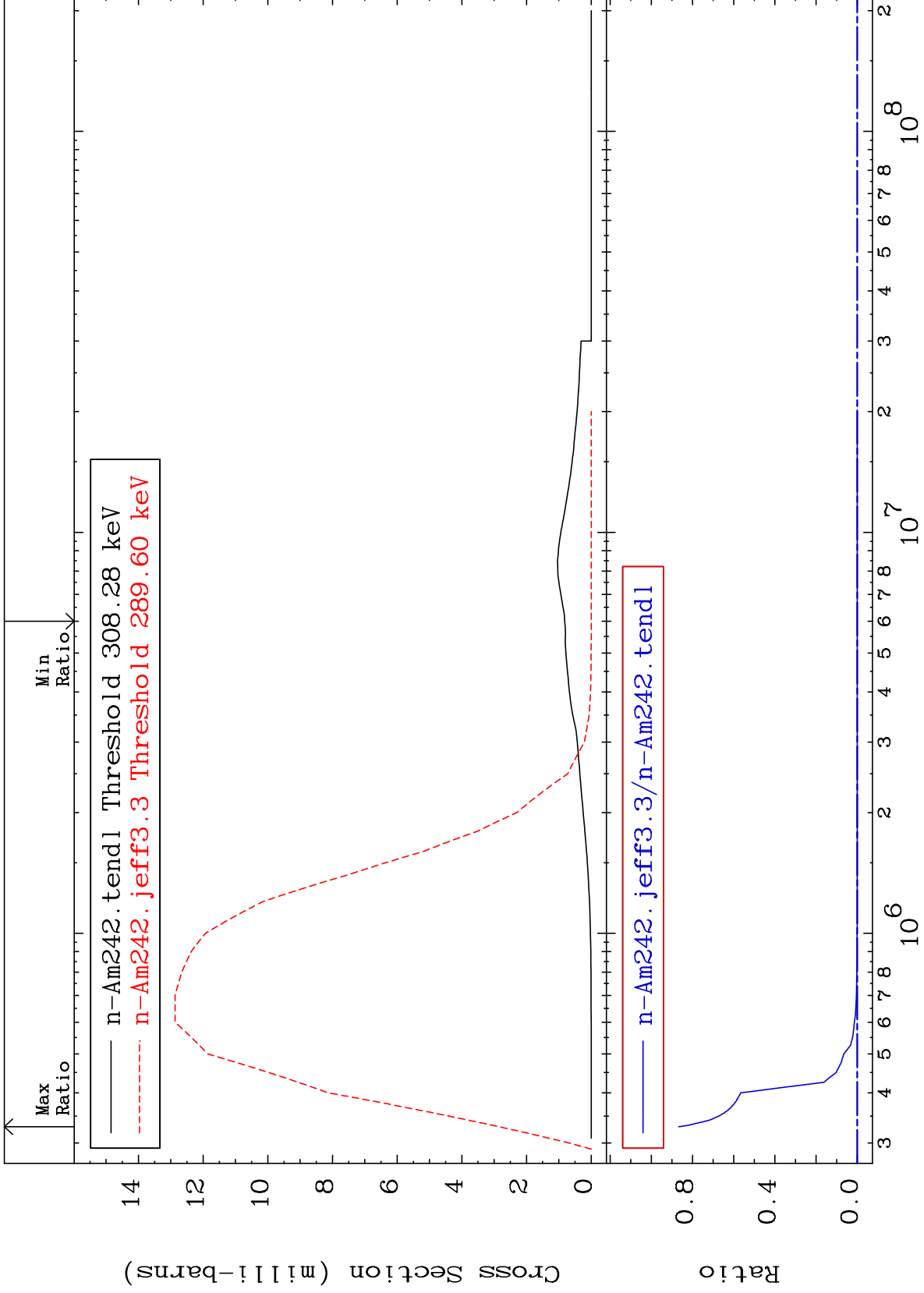
95-Am-242
-100.0 To 102.9 %



MAT 9546

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

95-Am-242
-100.0 To 9999. %



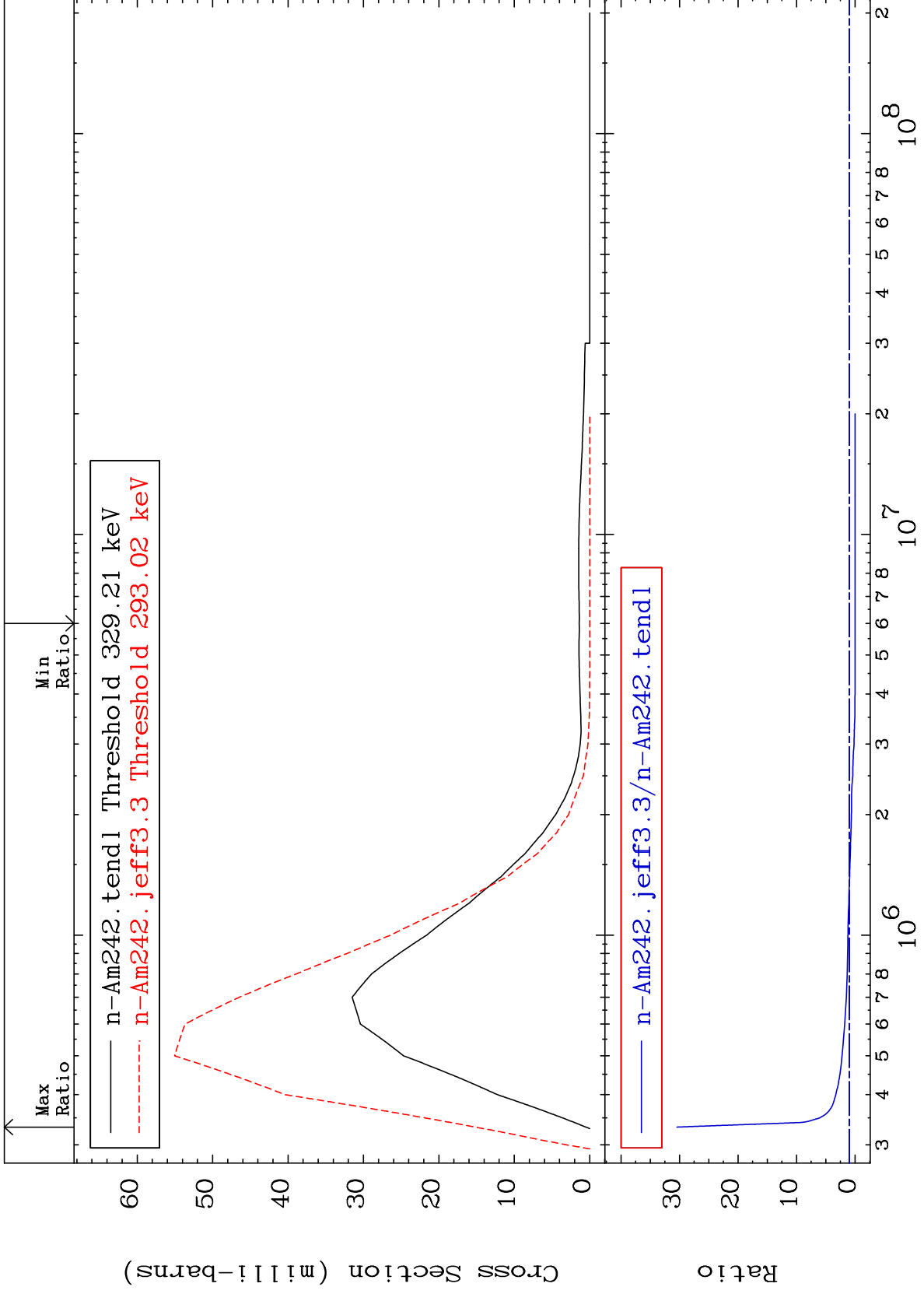
30

95-Am-242

MAT 9546

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

95-Am-242
-100.0 To 2944. %



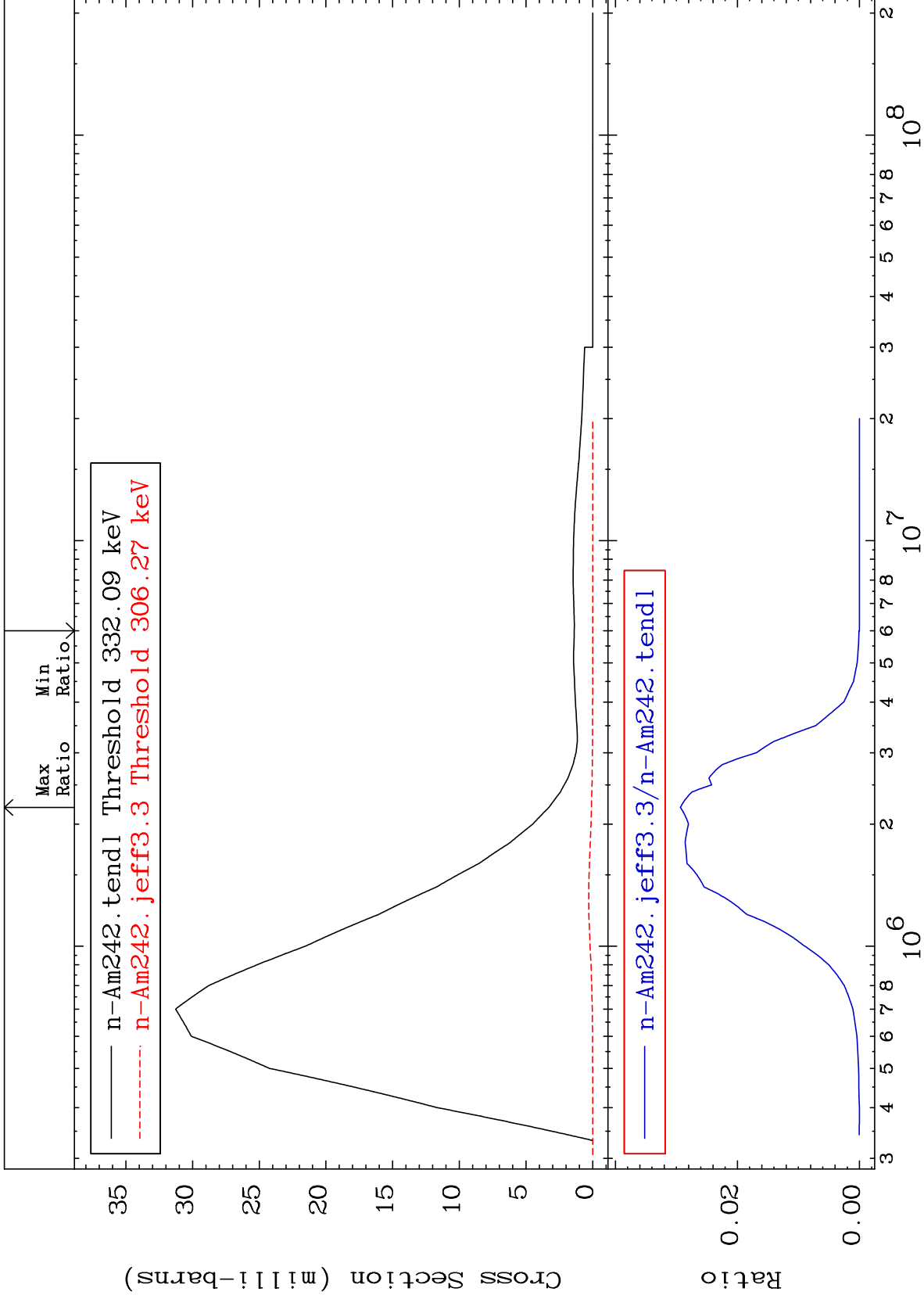
31

95-Am-242

MAT 9546

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

95-Am-242
-100.0 To -97.06%



32

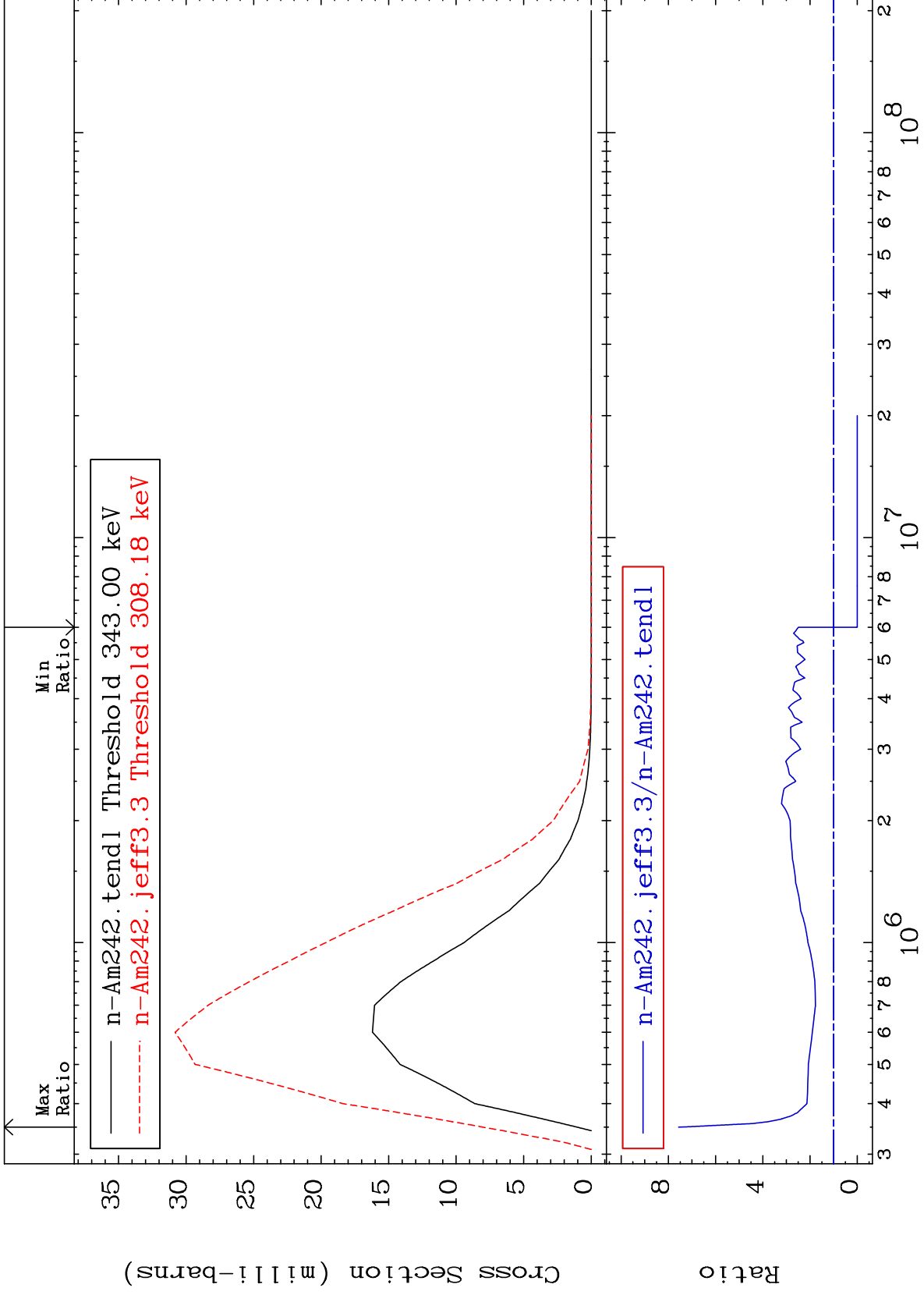
Incident Energy (eV)

95-Am-242

MAT 9546

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

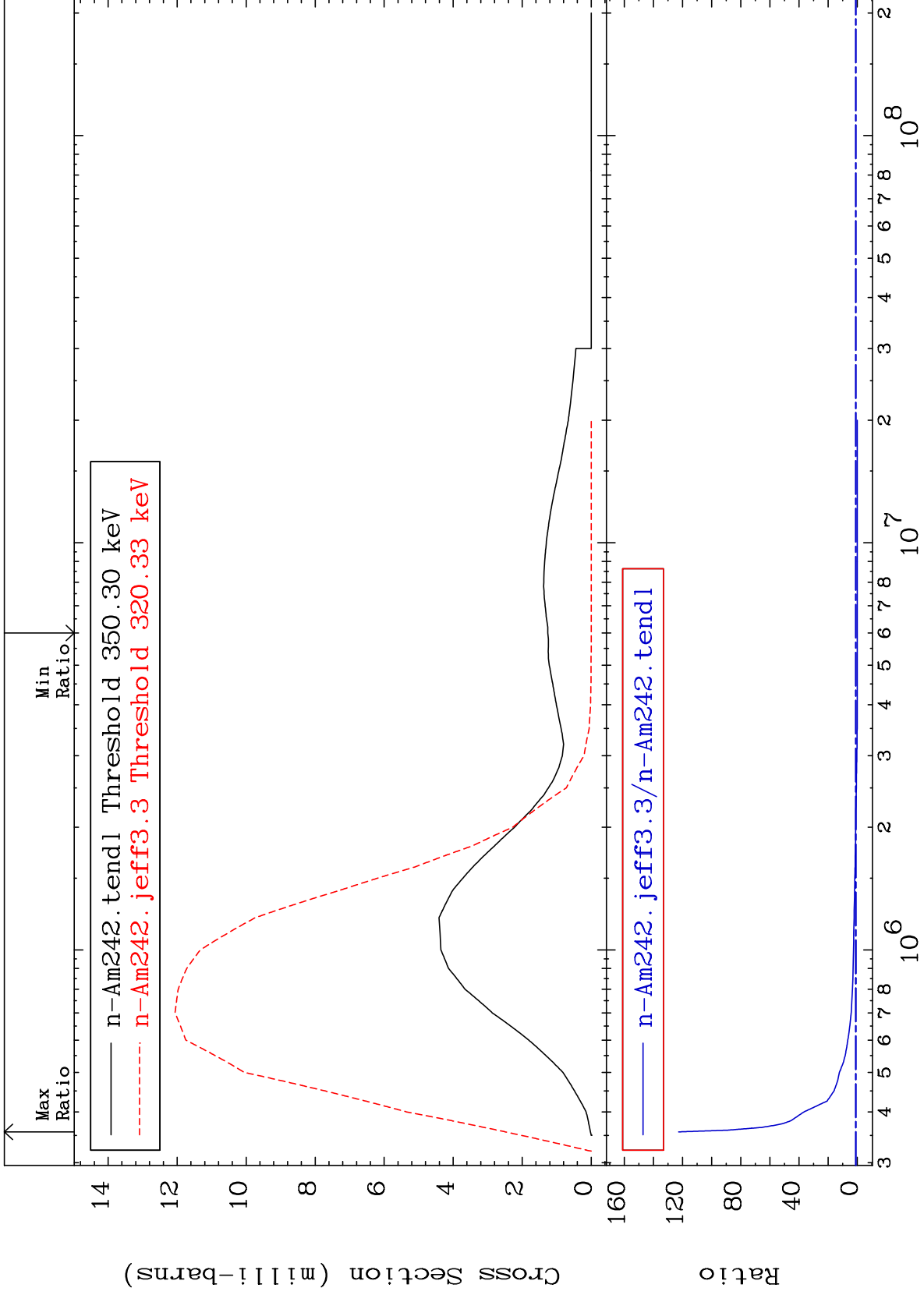
95-Am-242
-100.0 To 656.4 %



MAT 9546

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

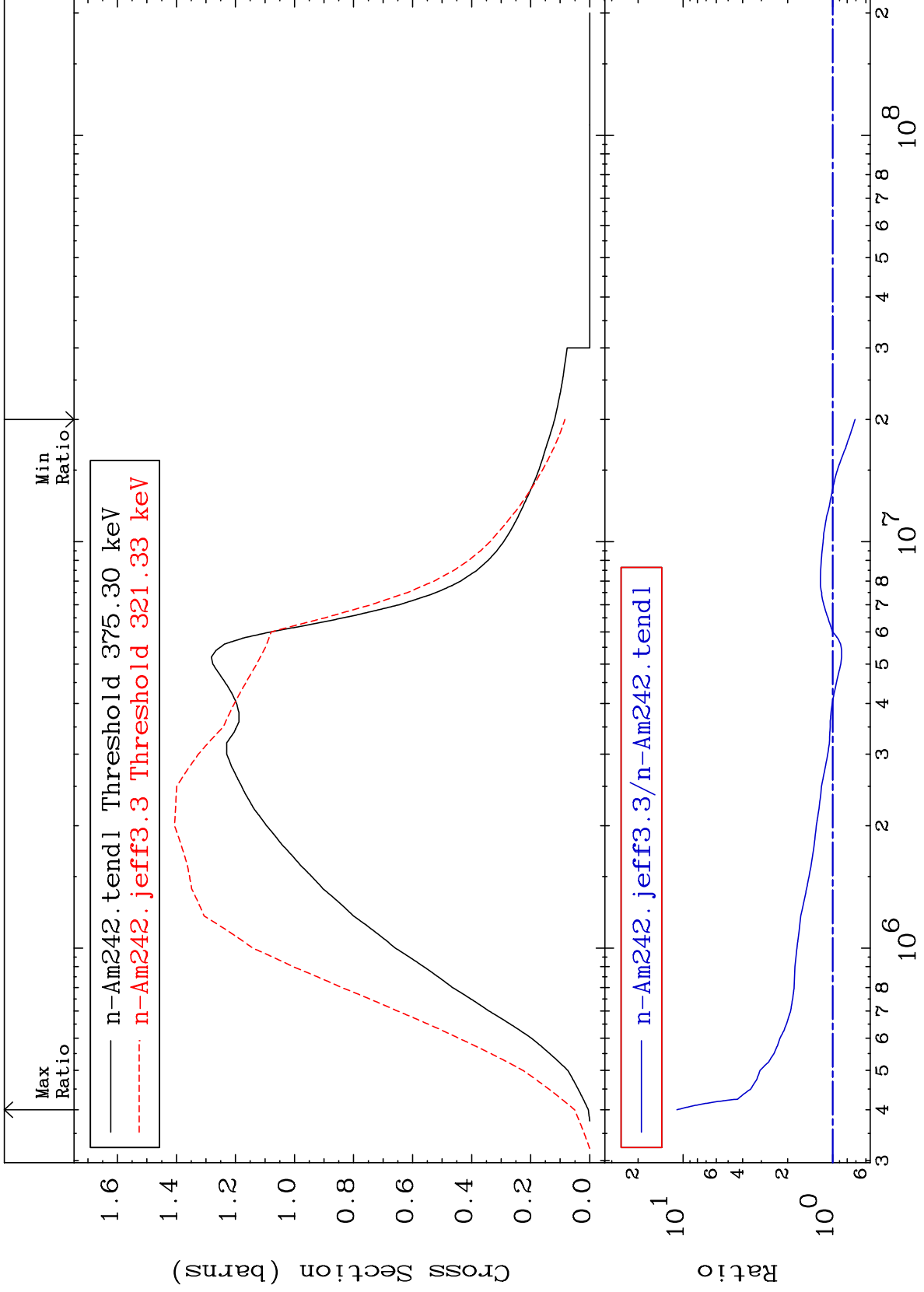
95-Am-242
-100.0 To 9999. %



MAT 9546

(n, n') Continuum
Cross Section

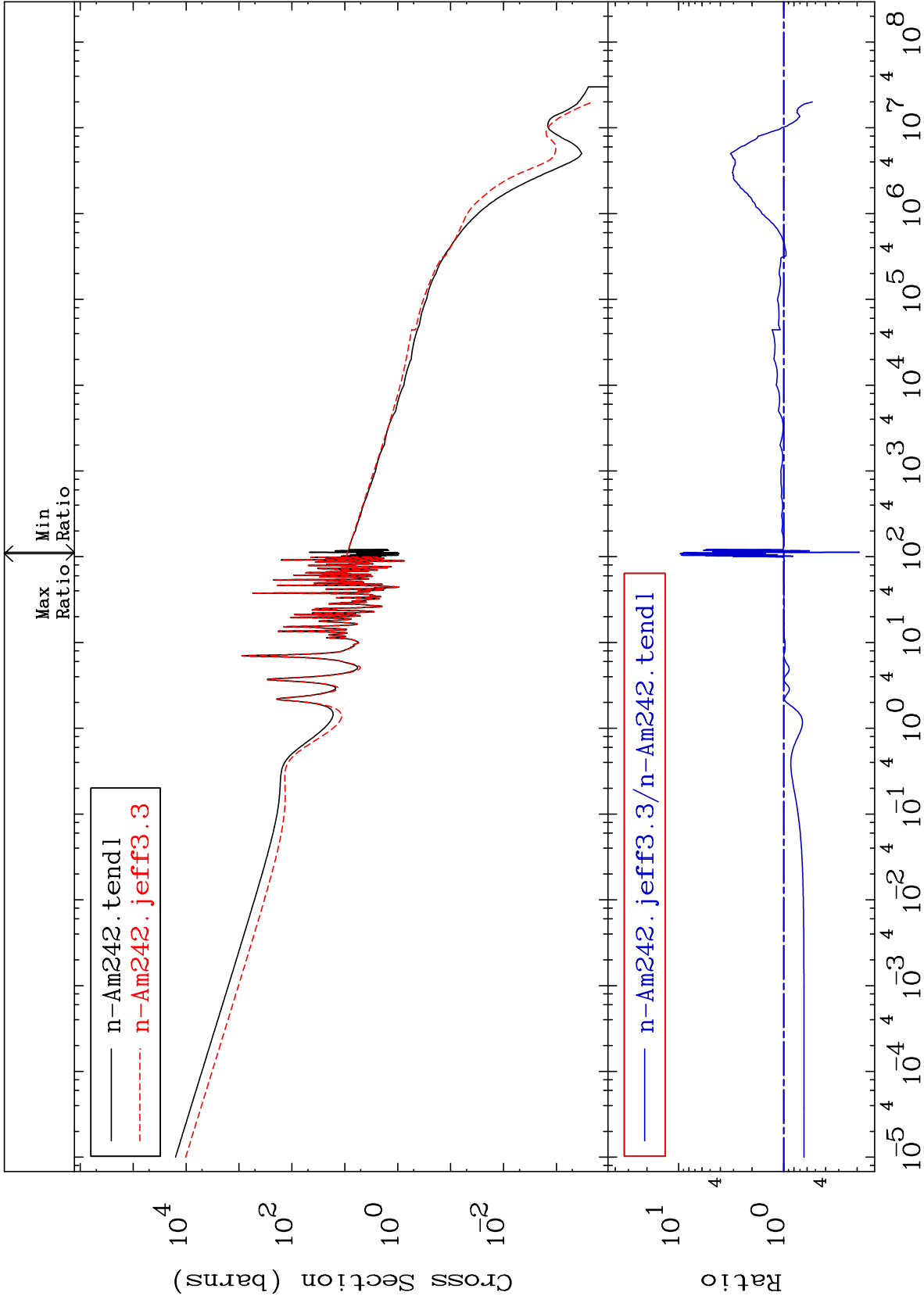
95-Am-242
-29.22 To 998.4 %



MAT 9546

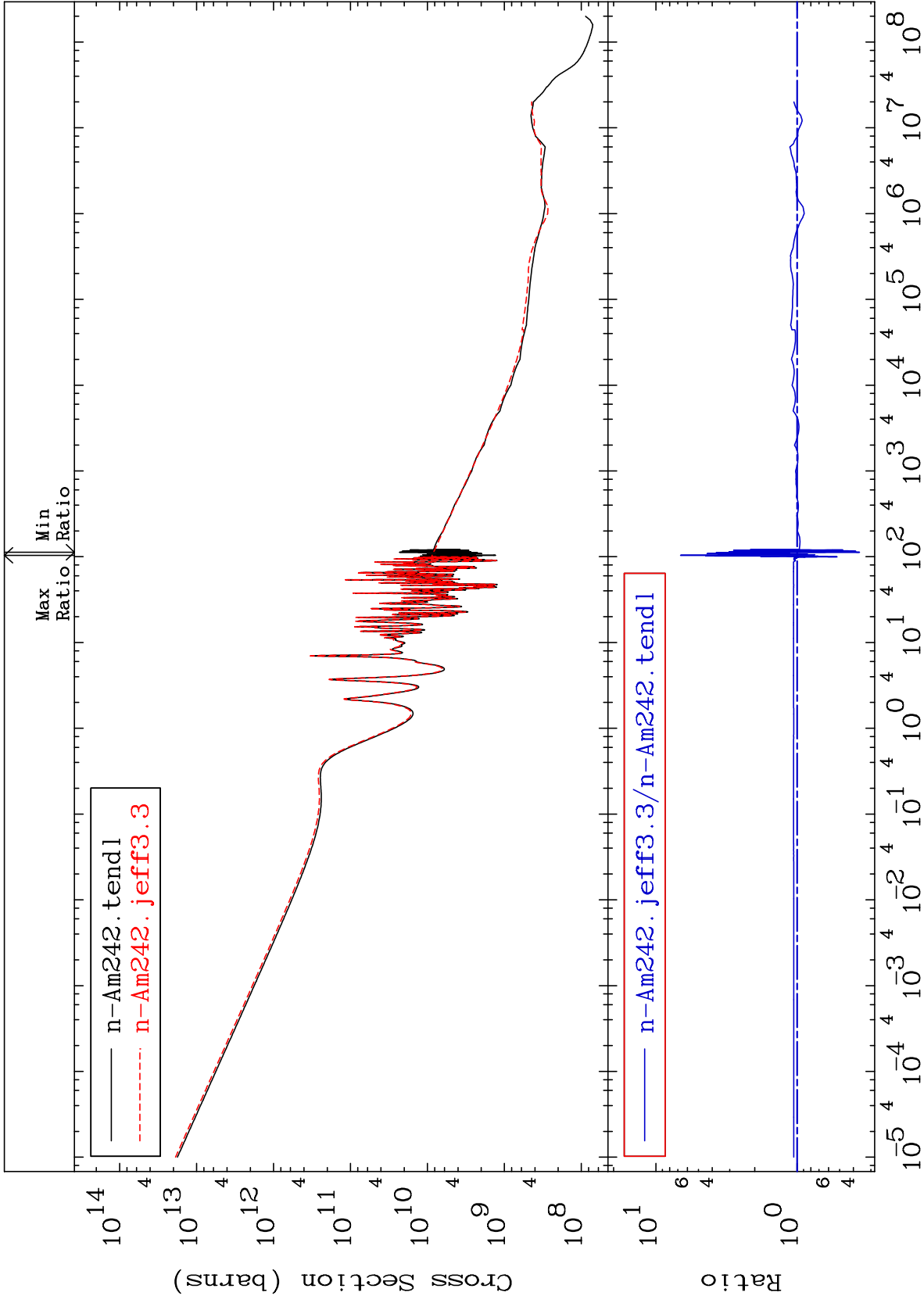
(n, γ)
Cross Section

95-Am-242
-80.95 To 861.7 %



Cross Section

-63.78 To 572.0 %

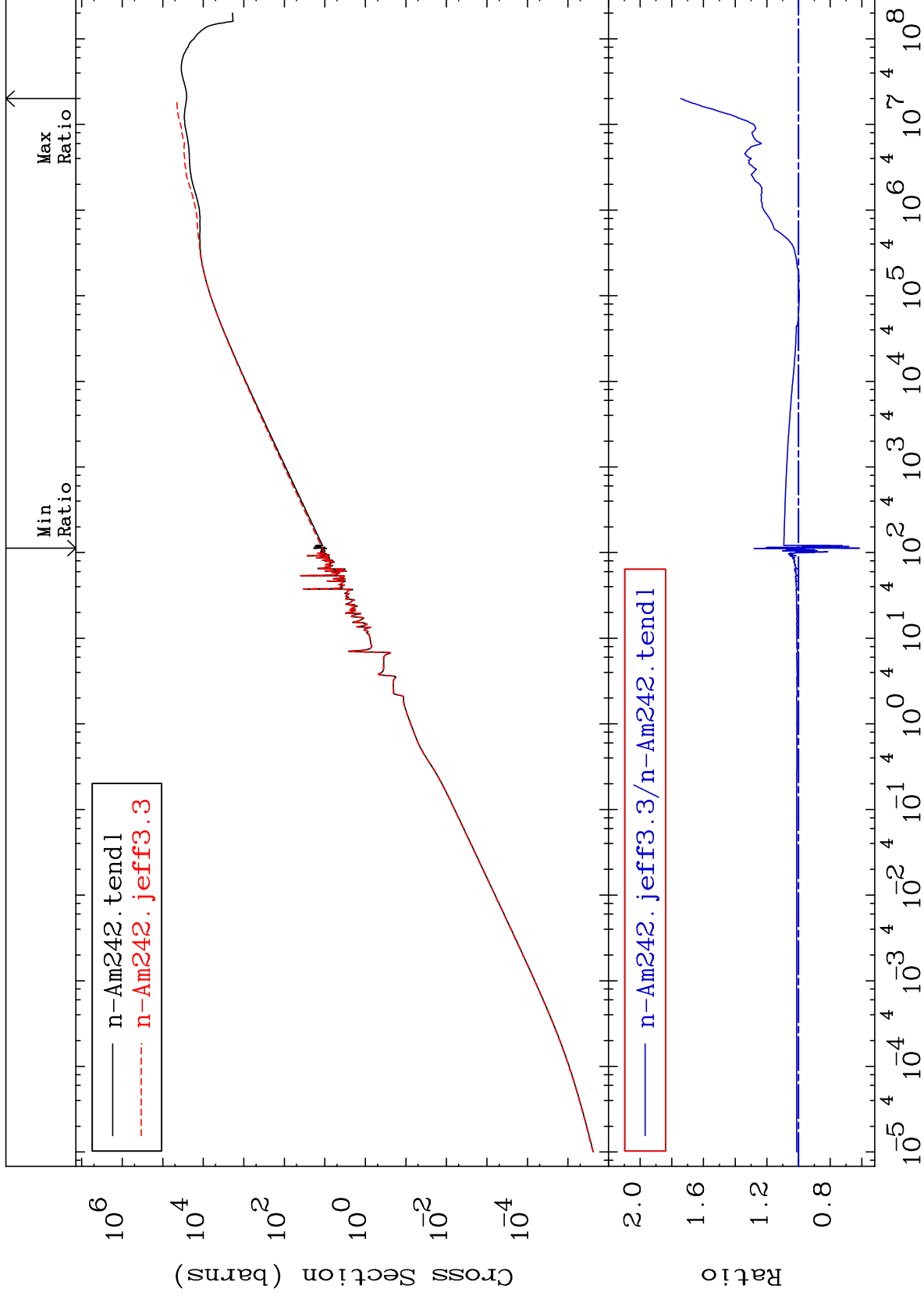


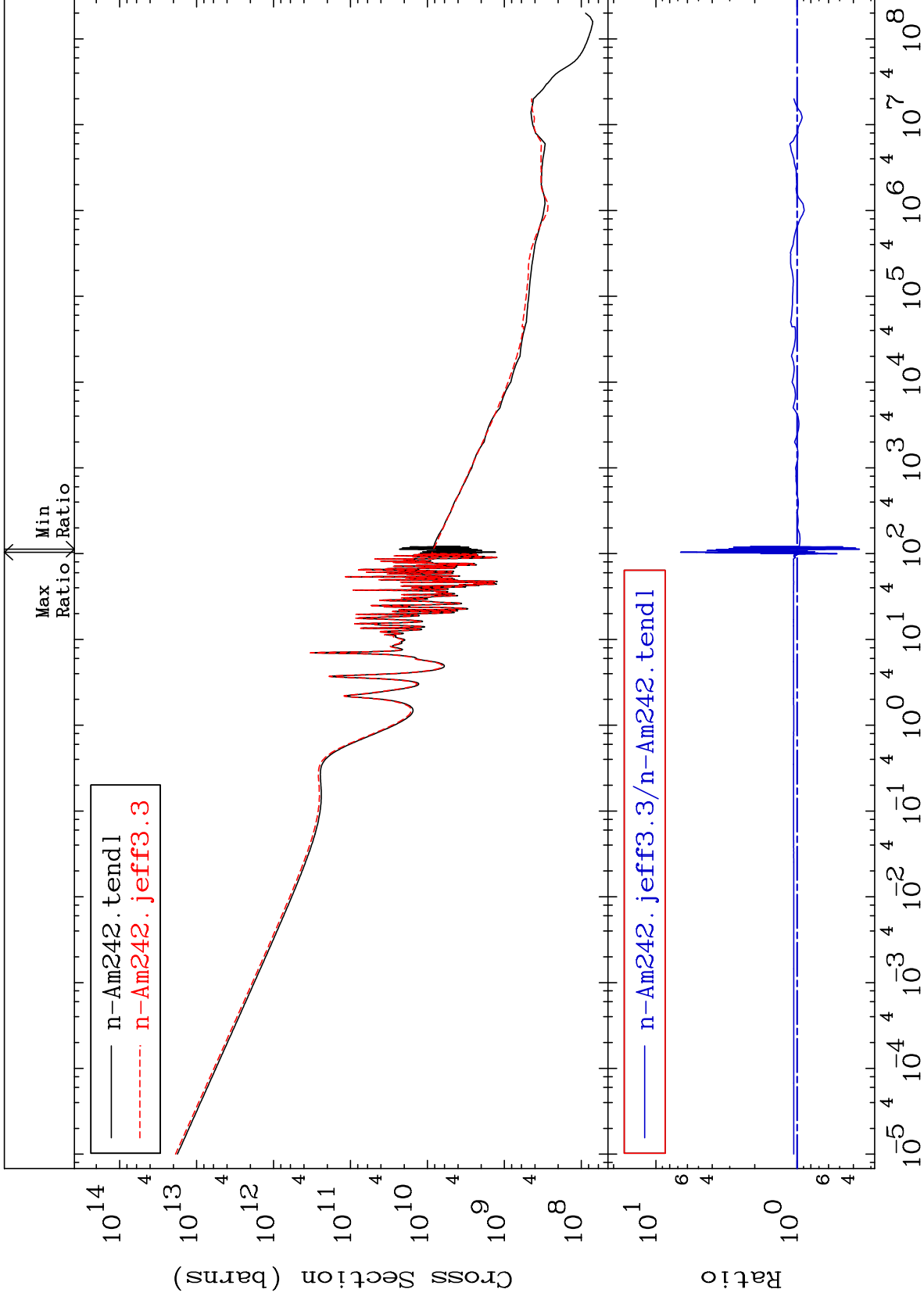
Incident Energy (eV)

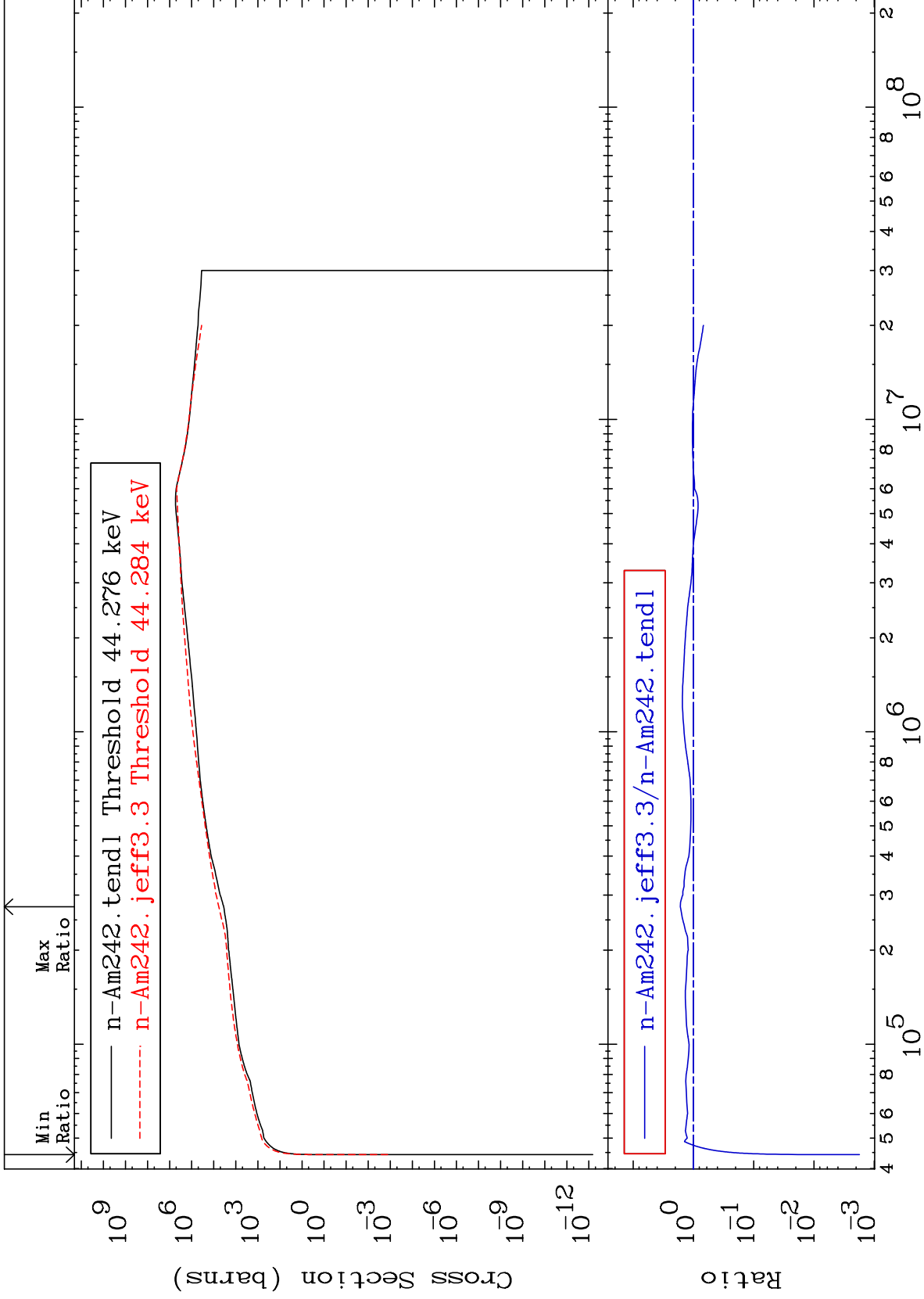
MAT 9546

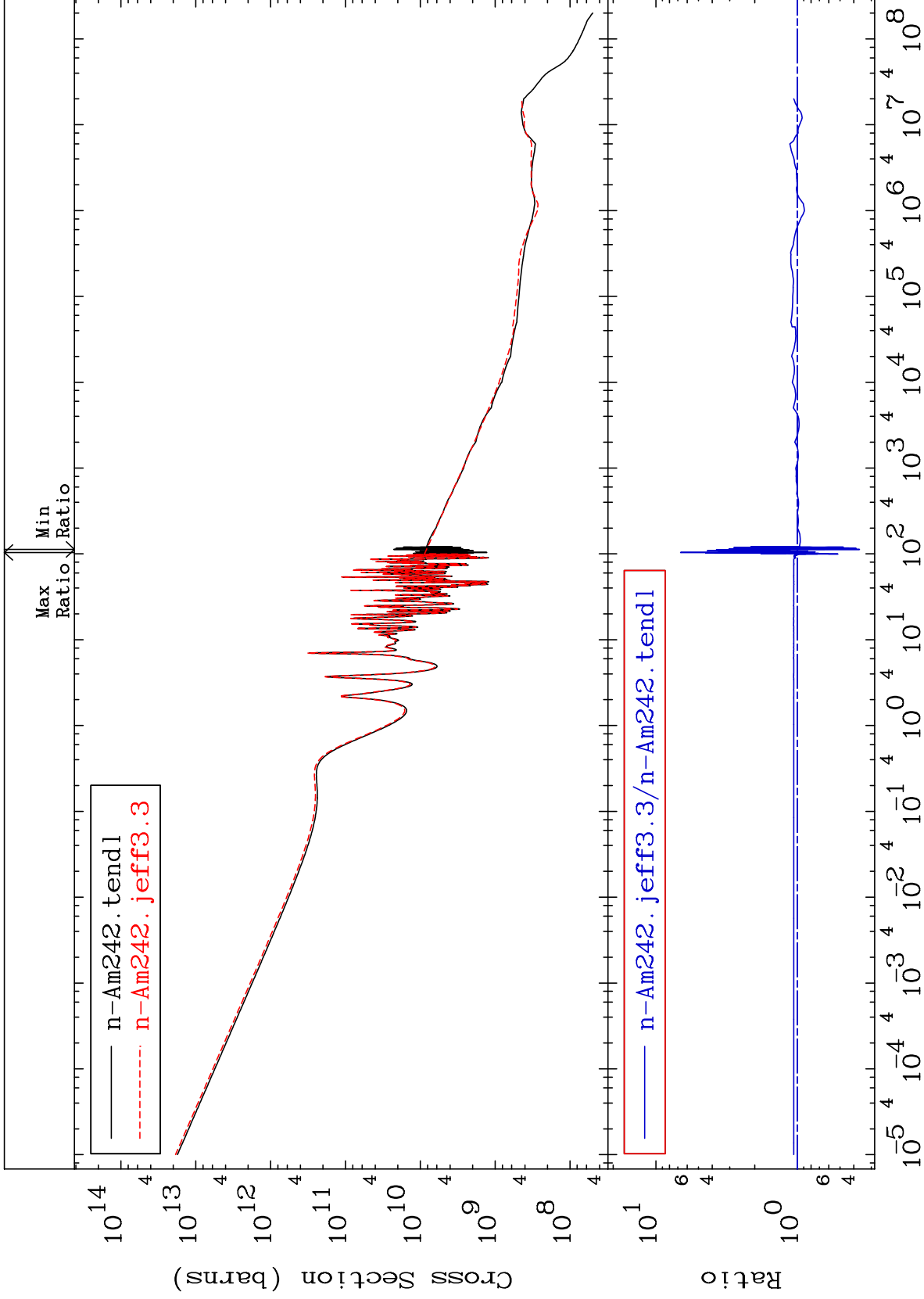
Kerma elastic
Cross Section

95-Am-242
-38.56 To 74.37 %





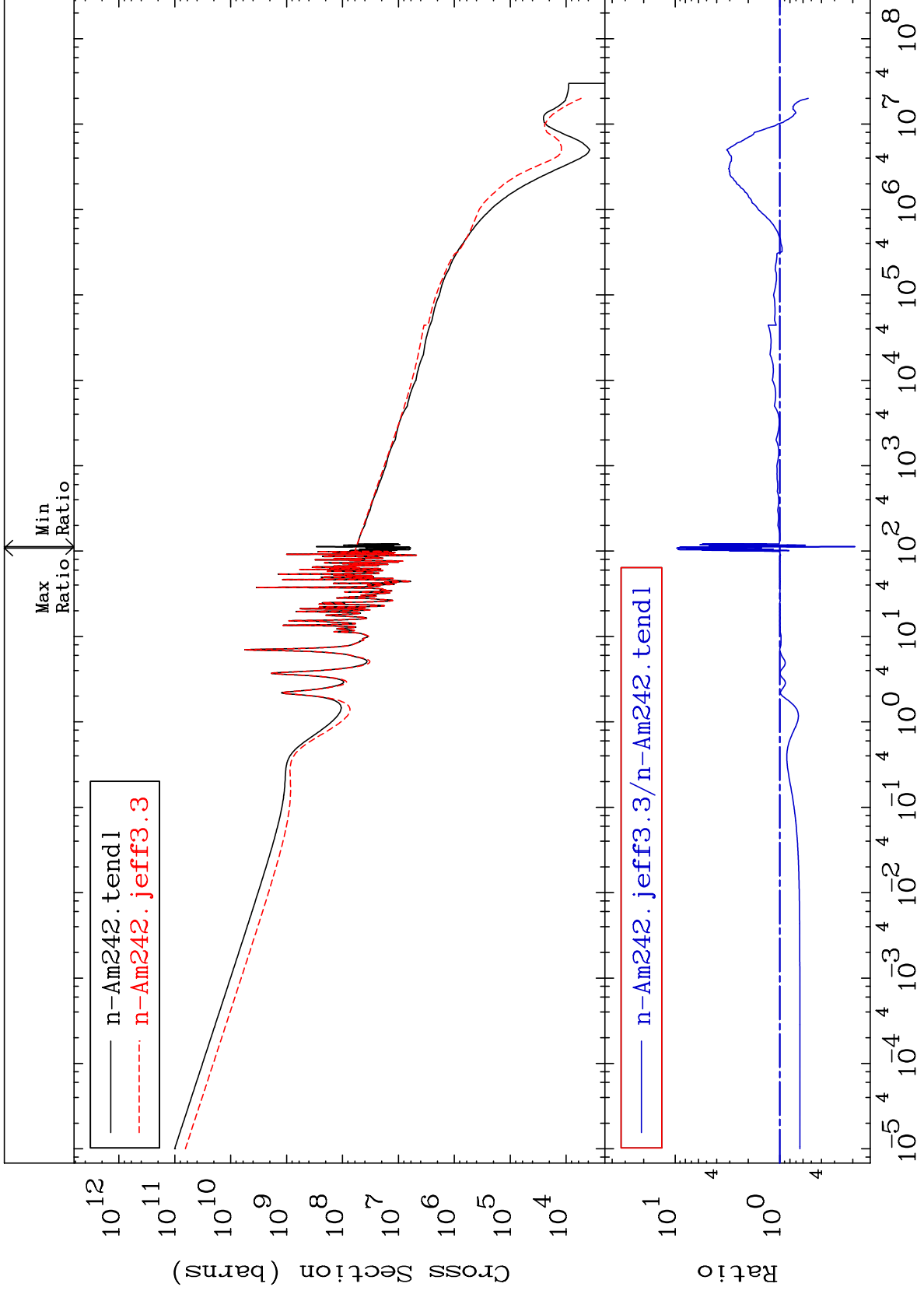




MAT 9546

Kerma capture (mt102)
Cross Section

95-Am-242
-80.95 To 861.7 %



42

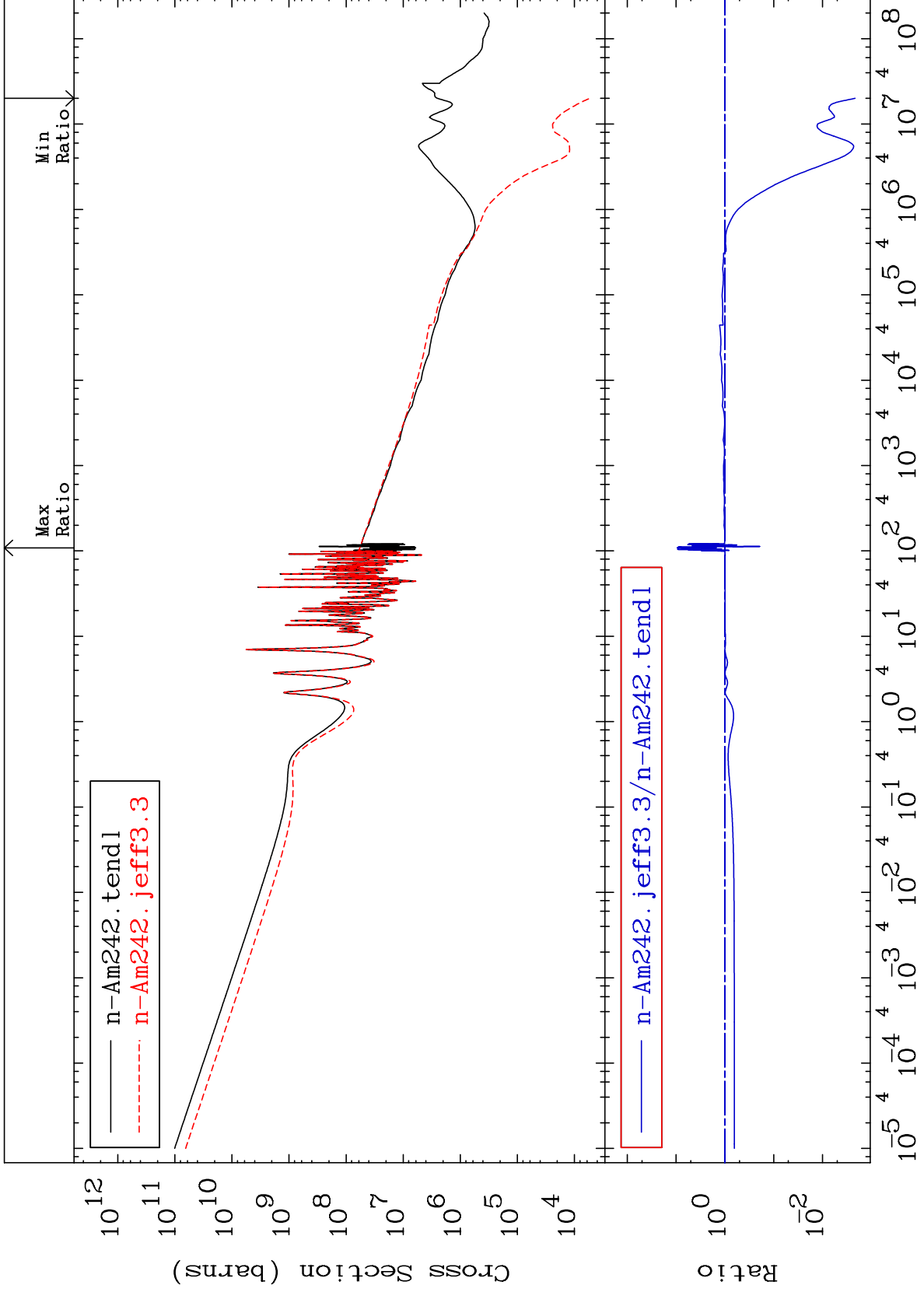
Incident Energy (eV)

95-Am-242

MAT 9546

Total photon (eV-barns)
Cross Section

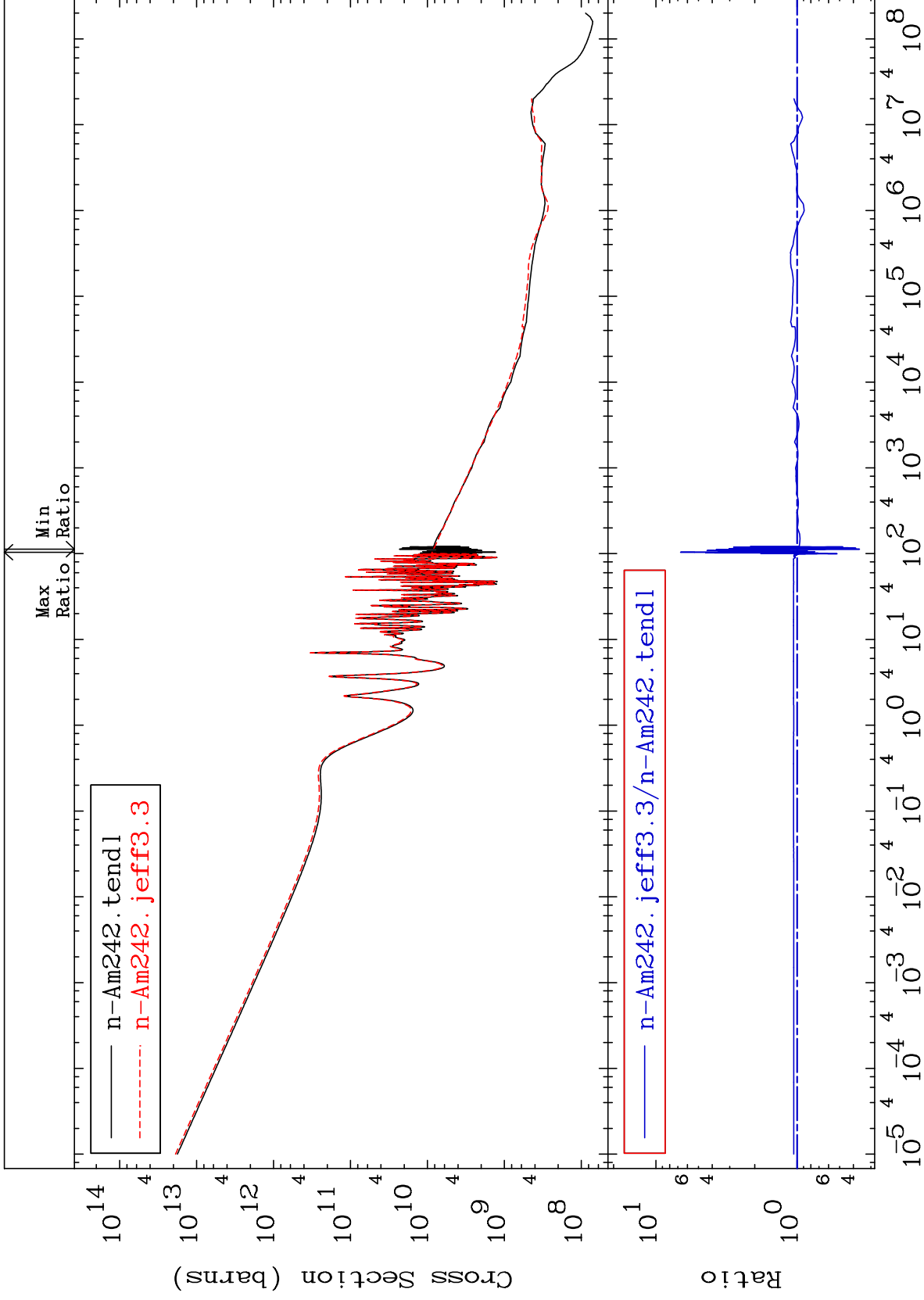
95-Am-242
-99.79 To 861.7 %



43

Incident Energy (eV)

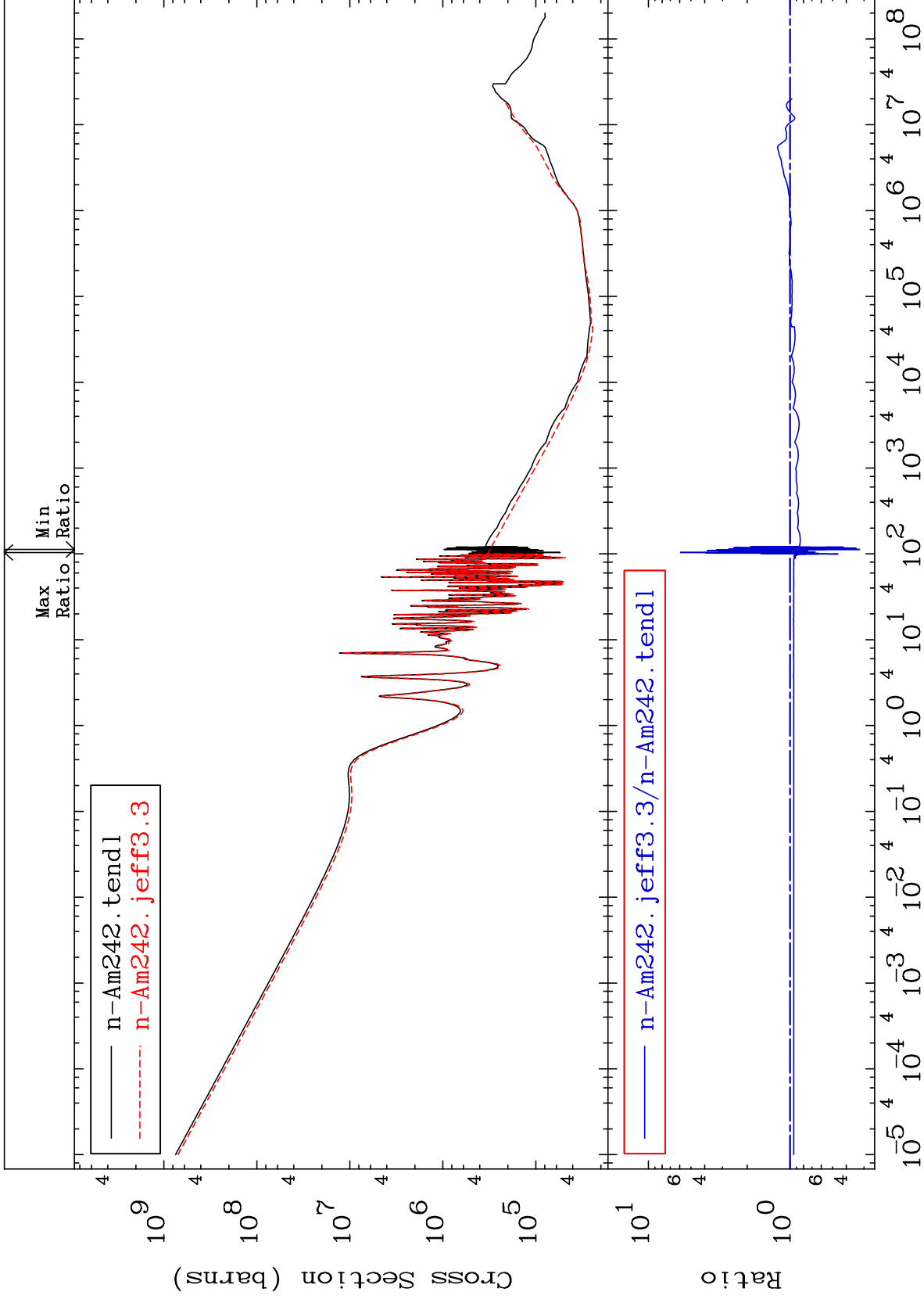
95-Am-242



MAT 9546

Dpa total (eV-barns)
Cross Section

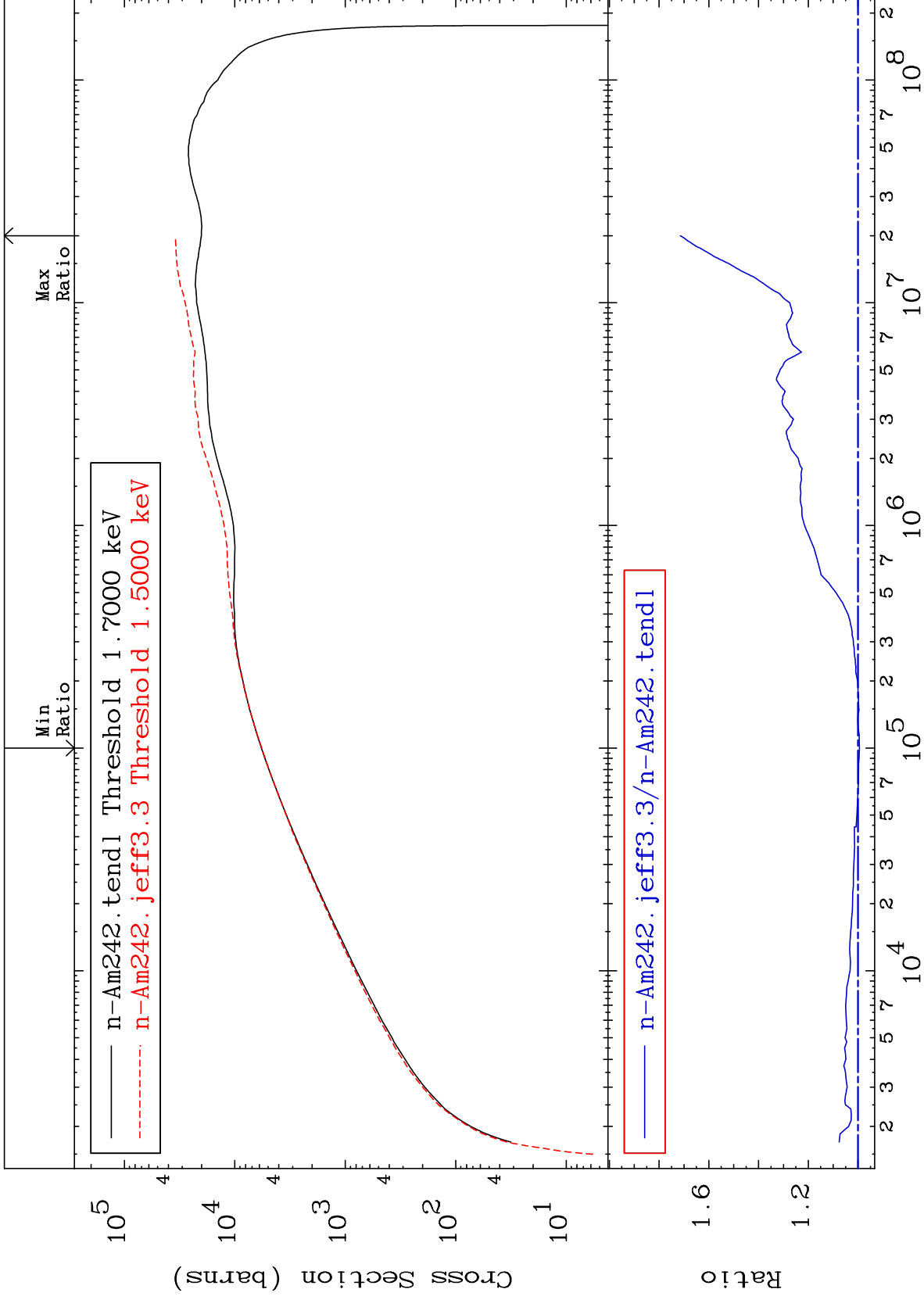
95-Am-242
-67.72 To 494.2 %



MAT 9546

Dpa elastic (mt2)
Cross Section

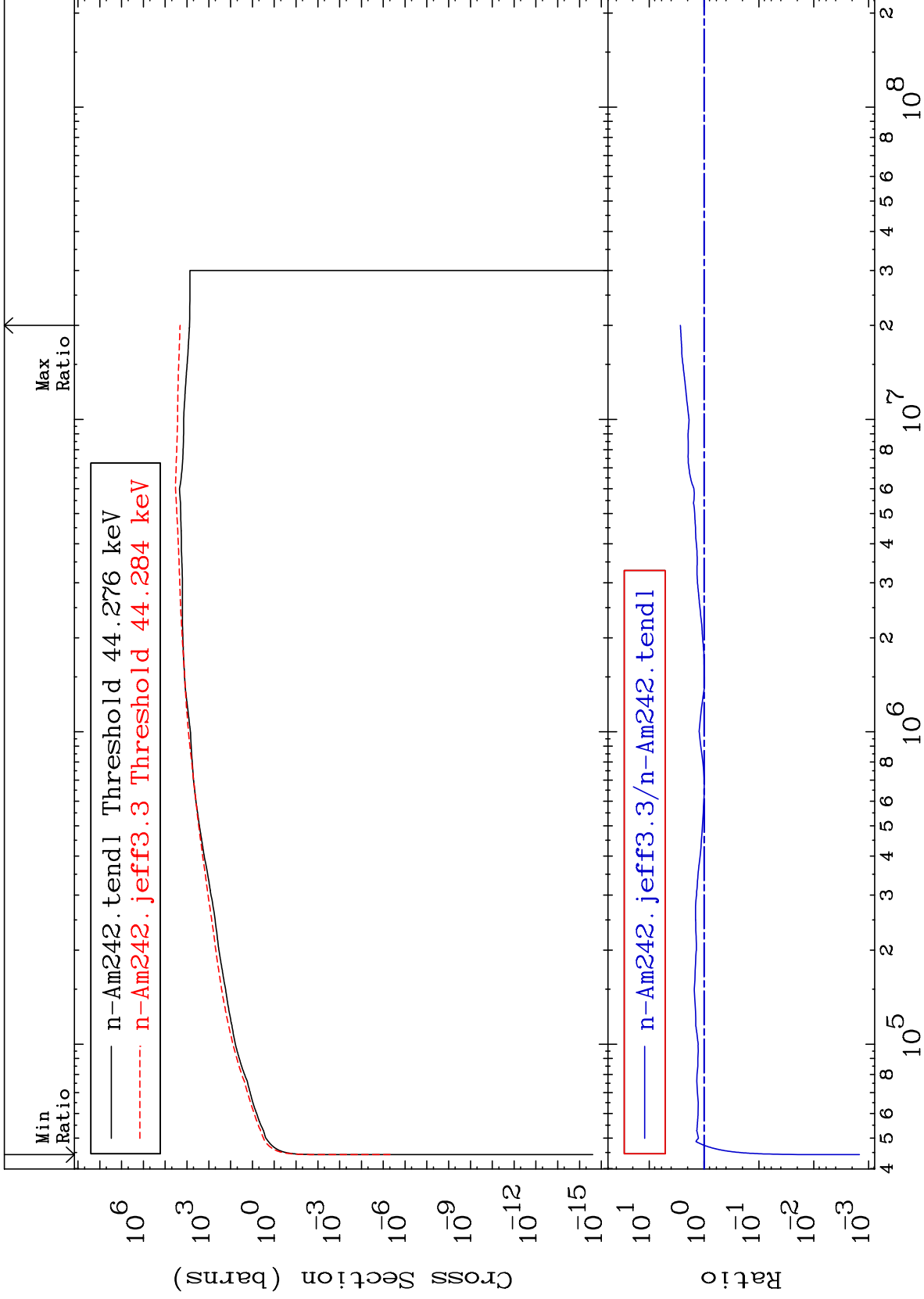
95-Am-242
-0.566 To 71.45 %



MAT 9546

Dpa inelastic (mt51-91)
Cross Section

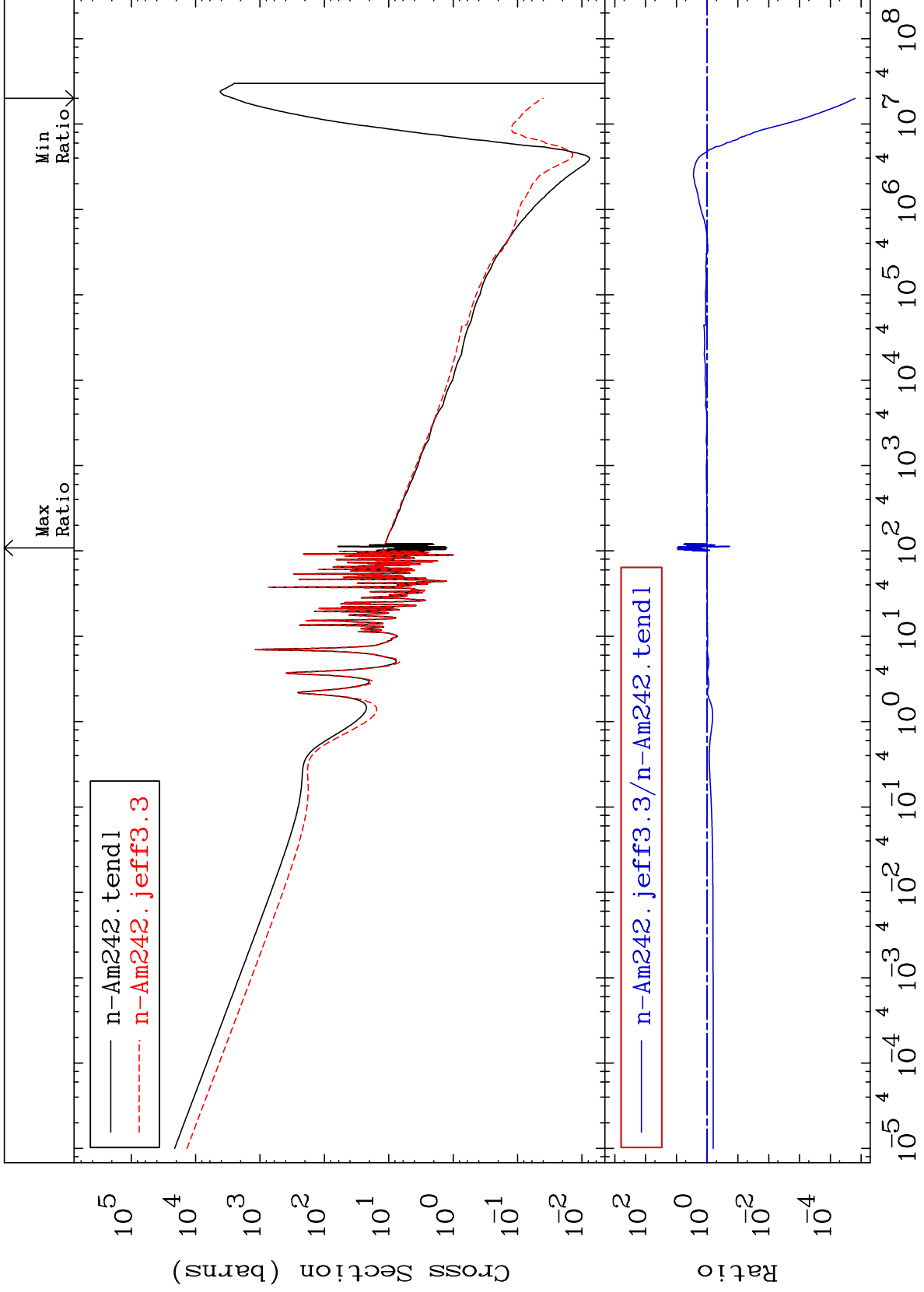
95-Am-242
-99.85 To 171.4 %



MAT 9546

Dpa disappearance (mt102 -120)
Cross Section

95-Am-242
-100.0 To 861.2 %



Incident Energy (eV)

95-Am-242

48