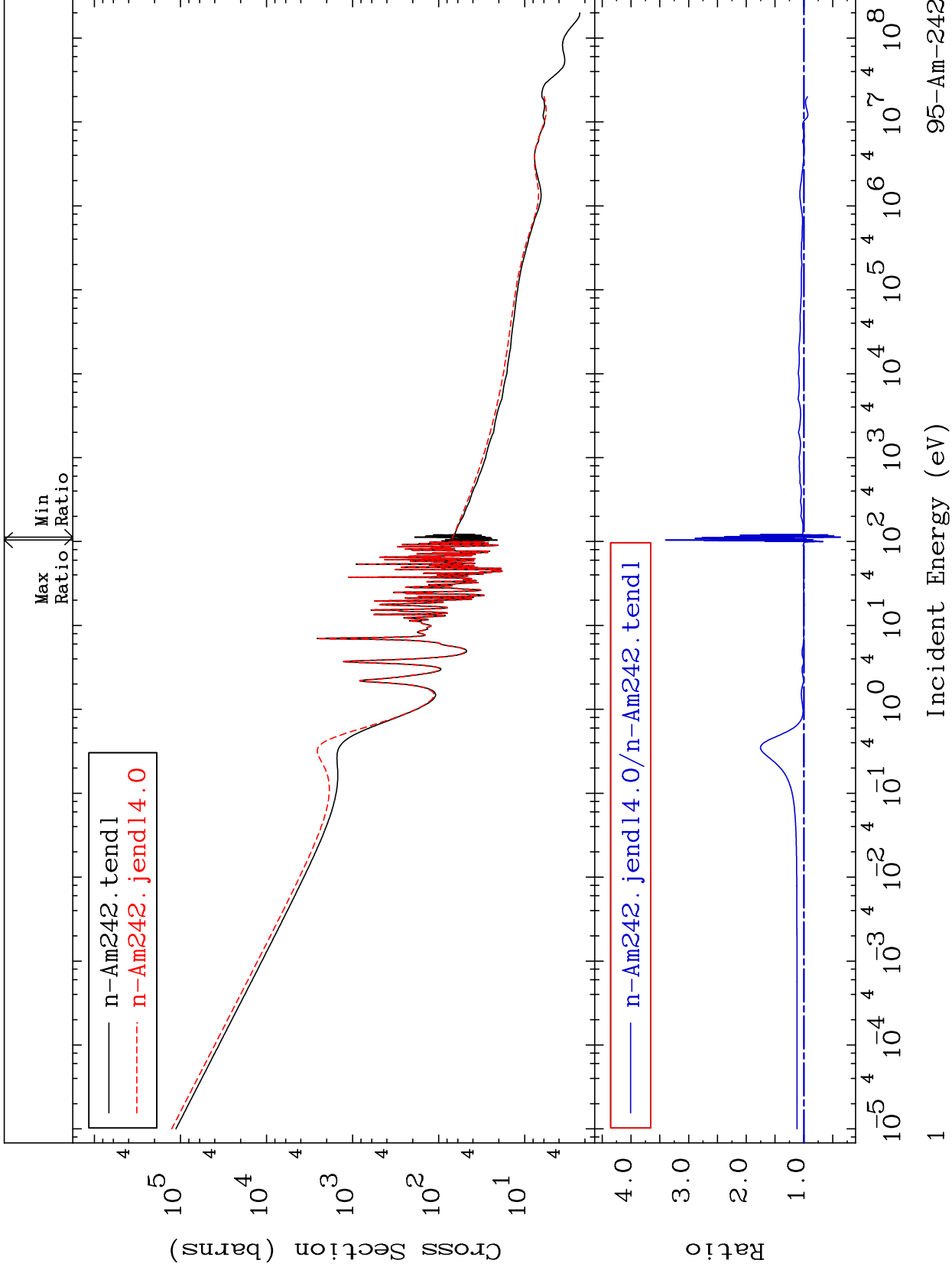


MAT 9546

Total Cross Section  
95-Am-242  
-63.81 To 240.1 %

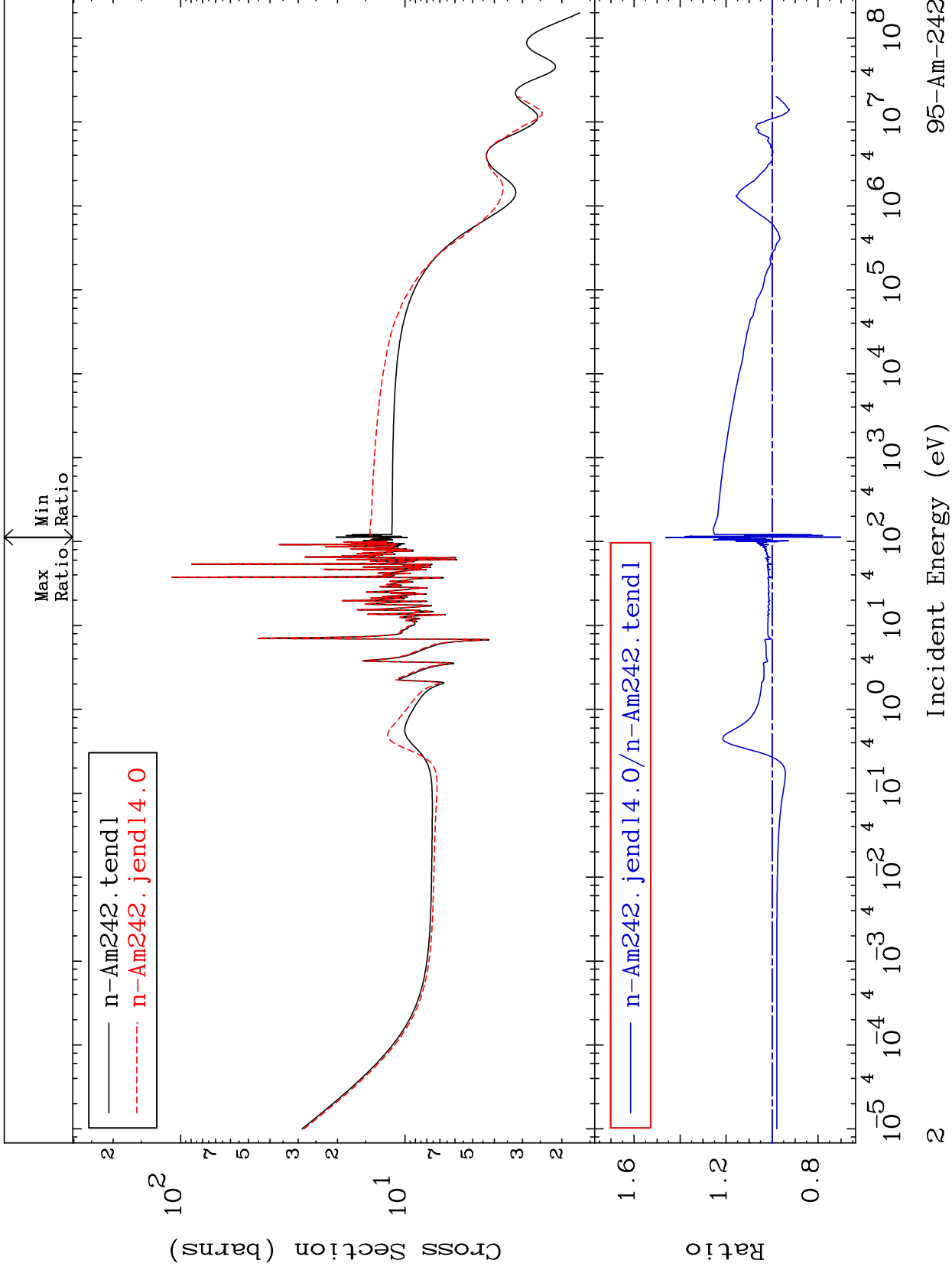


95-Am-242

MAT 9546

Elastic  
Cross Section

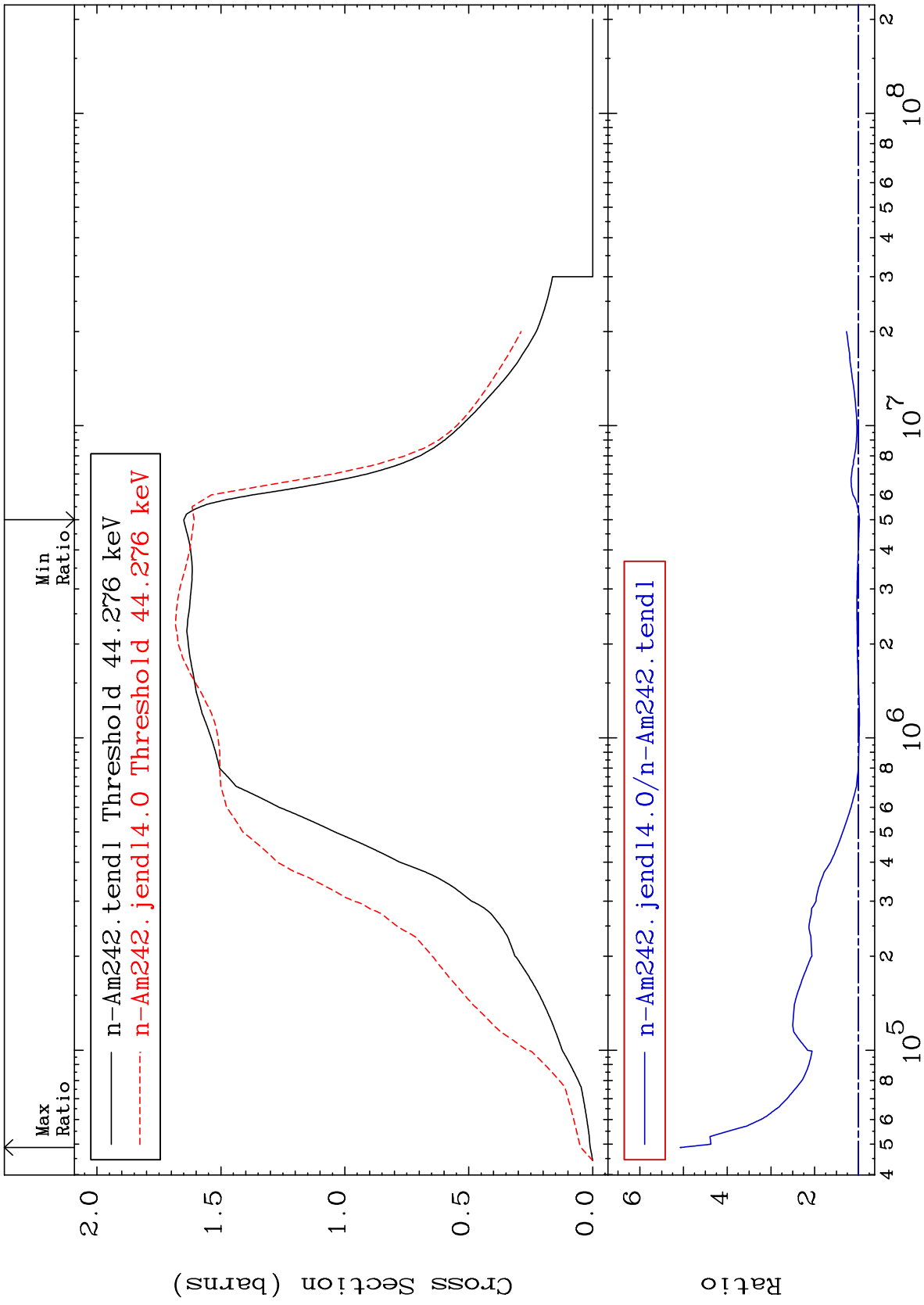
95-Am-242  
-29.81 To 46.33 %



MAT 9546

Inelastic  
Cross Section

95-Am-242  
-2.519 To 407.3 %



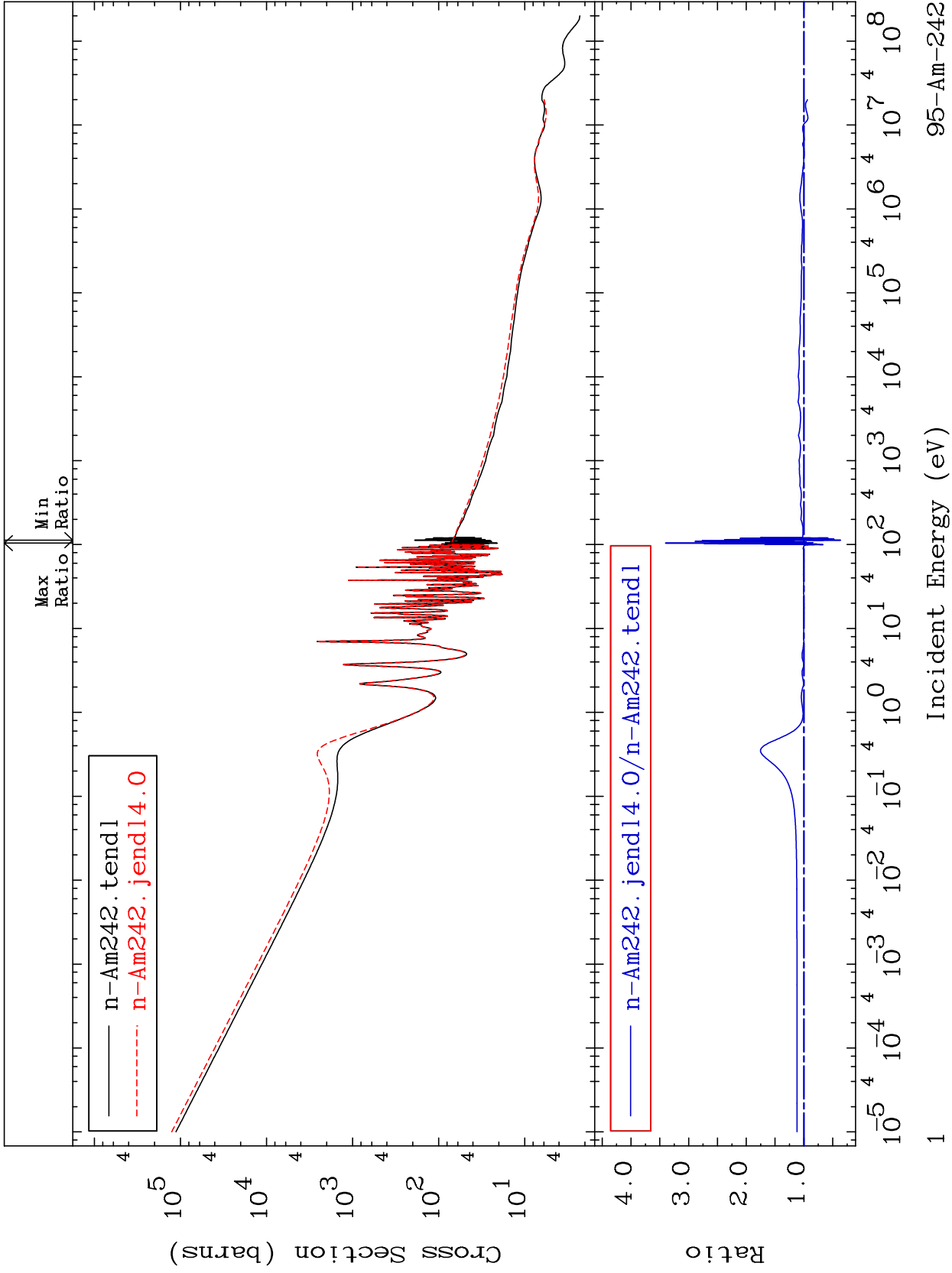
3

Incident Energy (eV)

95-Am-242

MAT 9546

Total Cross Section  
95-Am-242  
-63.81 To 240.1 %

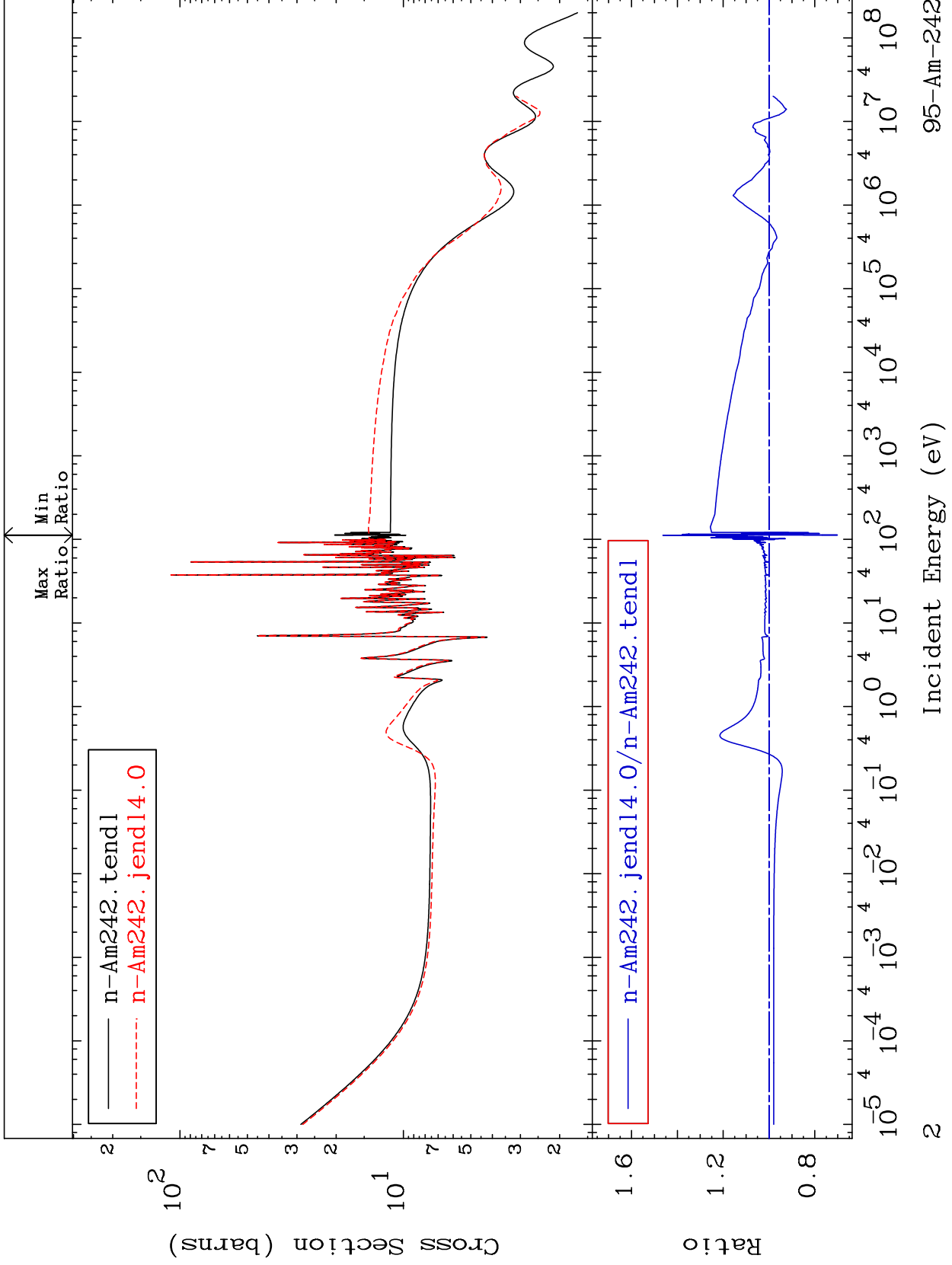


95-Am-242

MAT 9546

Elastic  
Cross Section

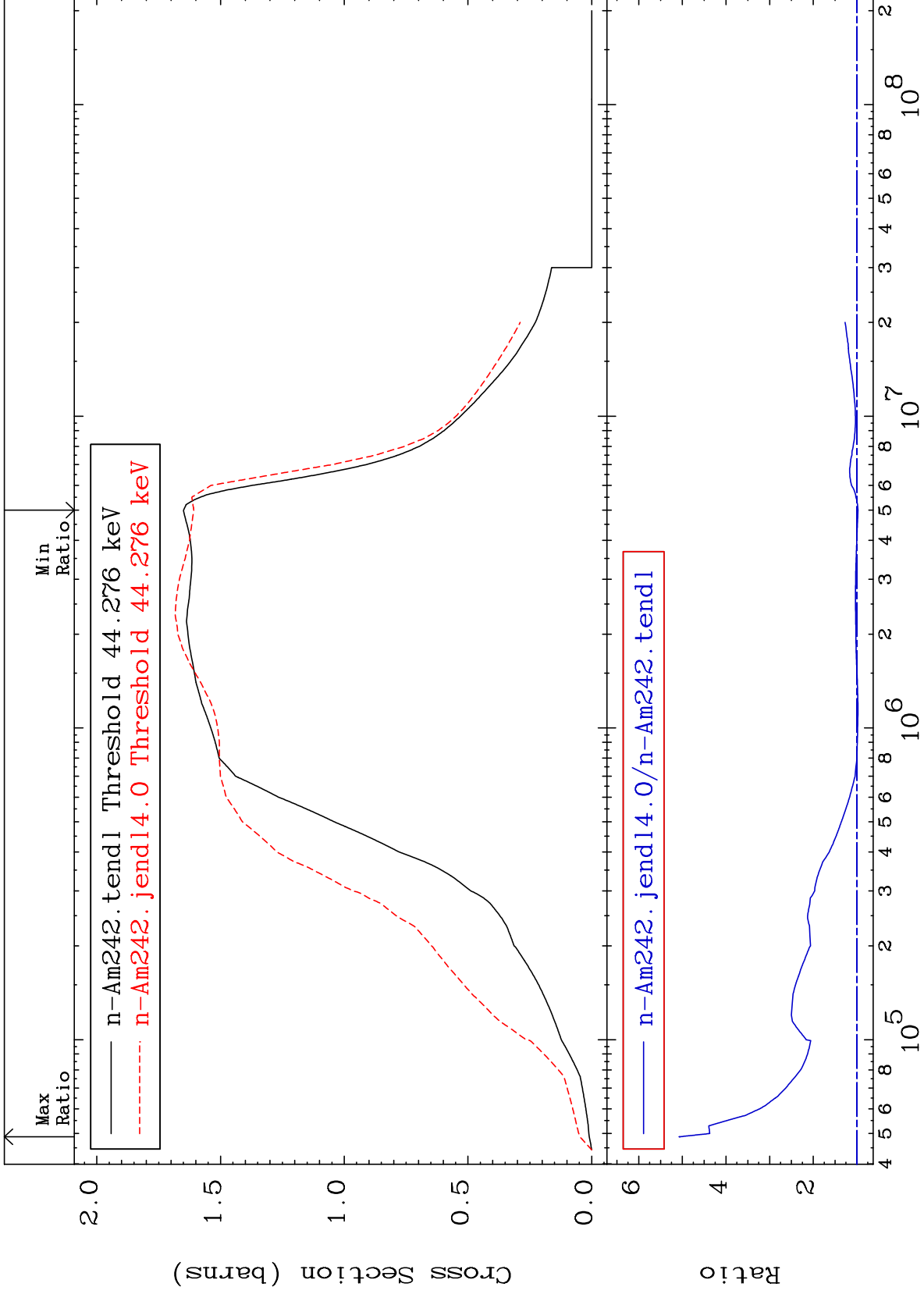
95-Am-242  
-29.81 To 46.33 %



MAT 9546

Inelastic  
Cross Section

95-Am-242  
-2.519 To 407.3 %

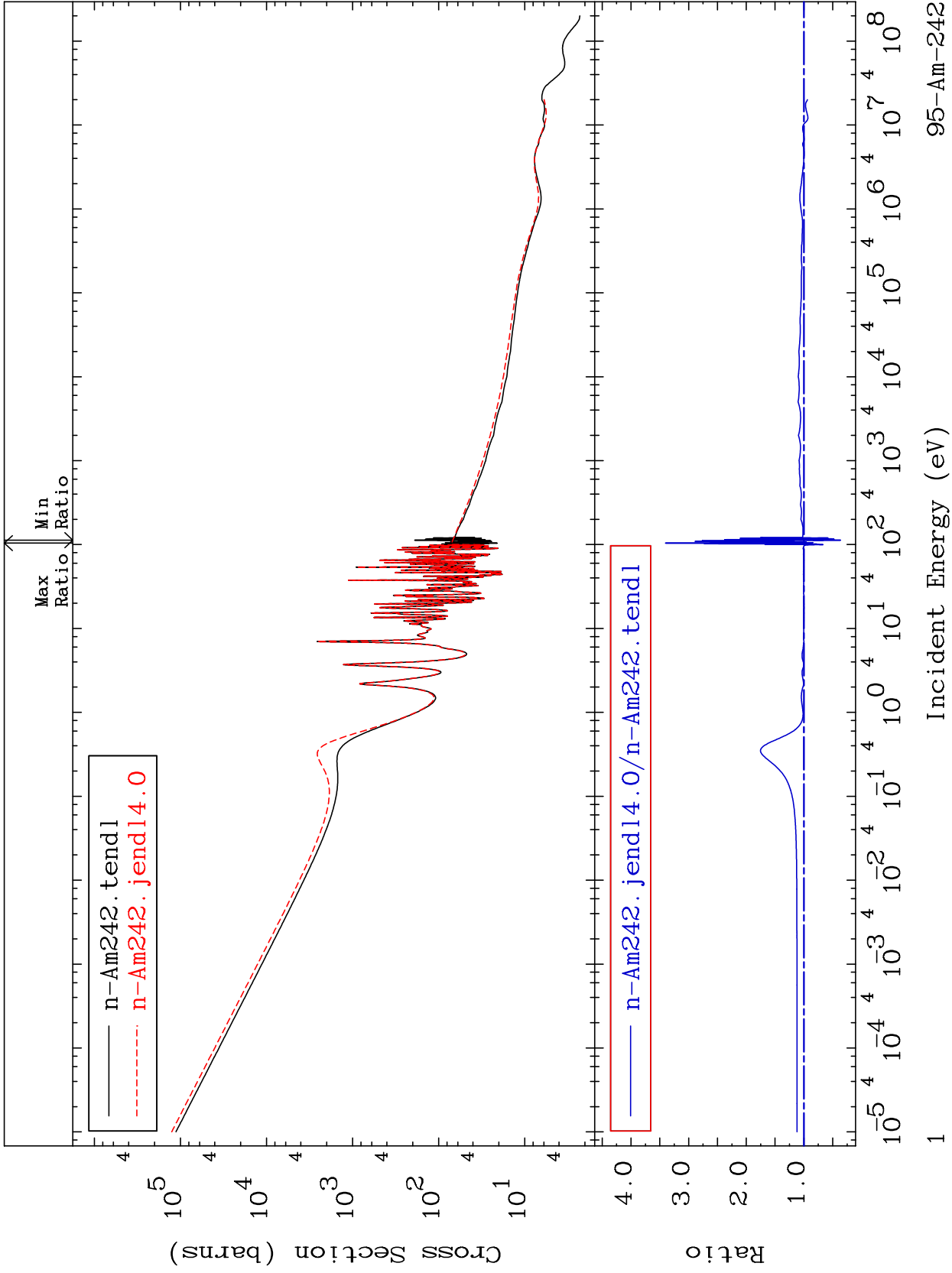


3

95-Am-242

MAT 9546

Total Cross Section  
95-Am-242  
-63.81 To 240.1 %



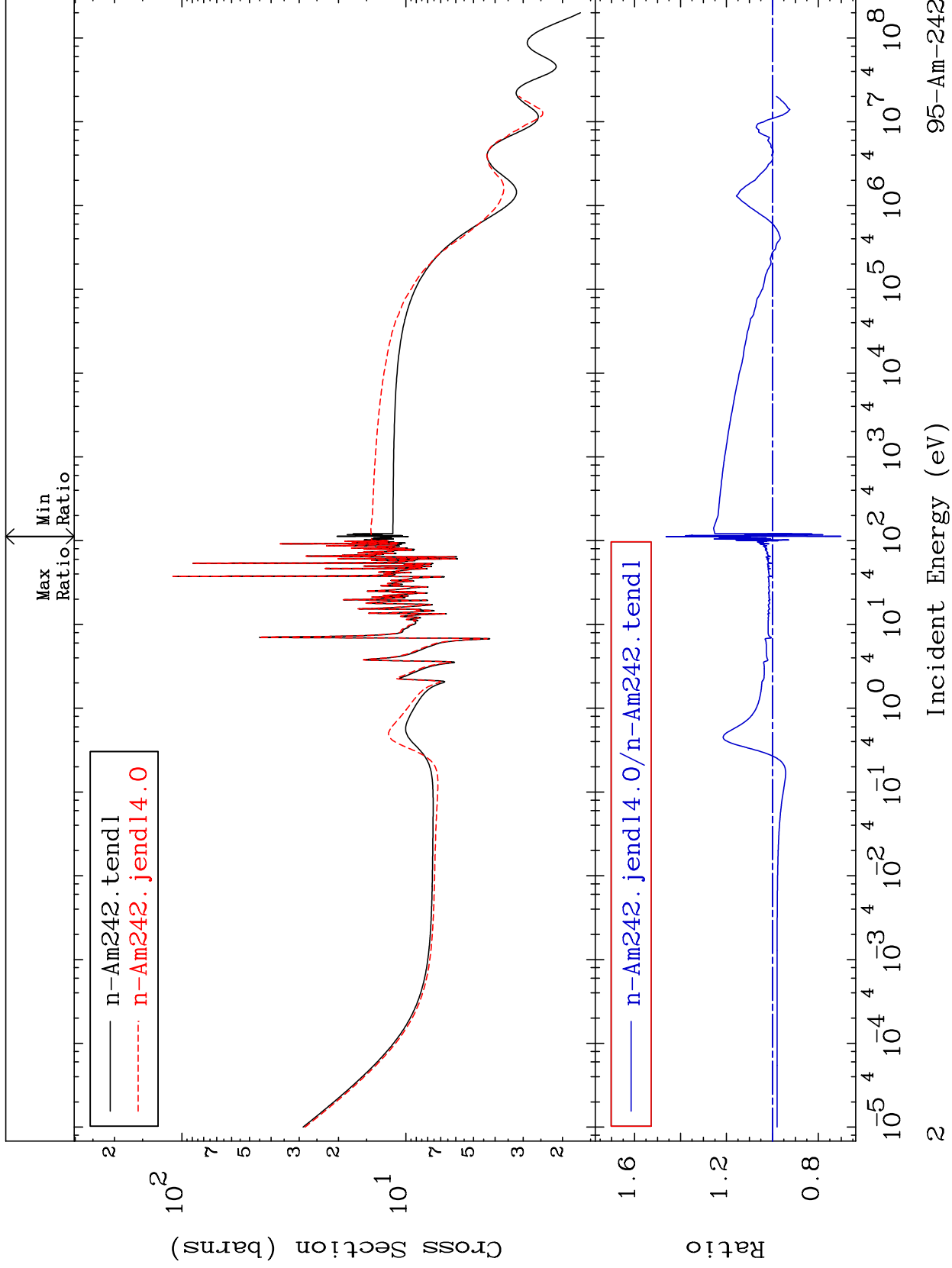
95-Am-242

MAT 9546

Elastic

Cross Section

95-Am-242  
-29.81 To 46.33 %



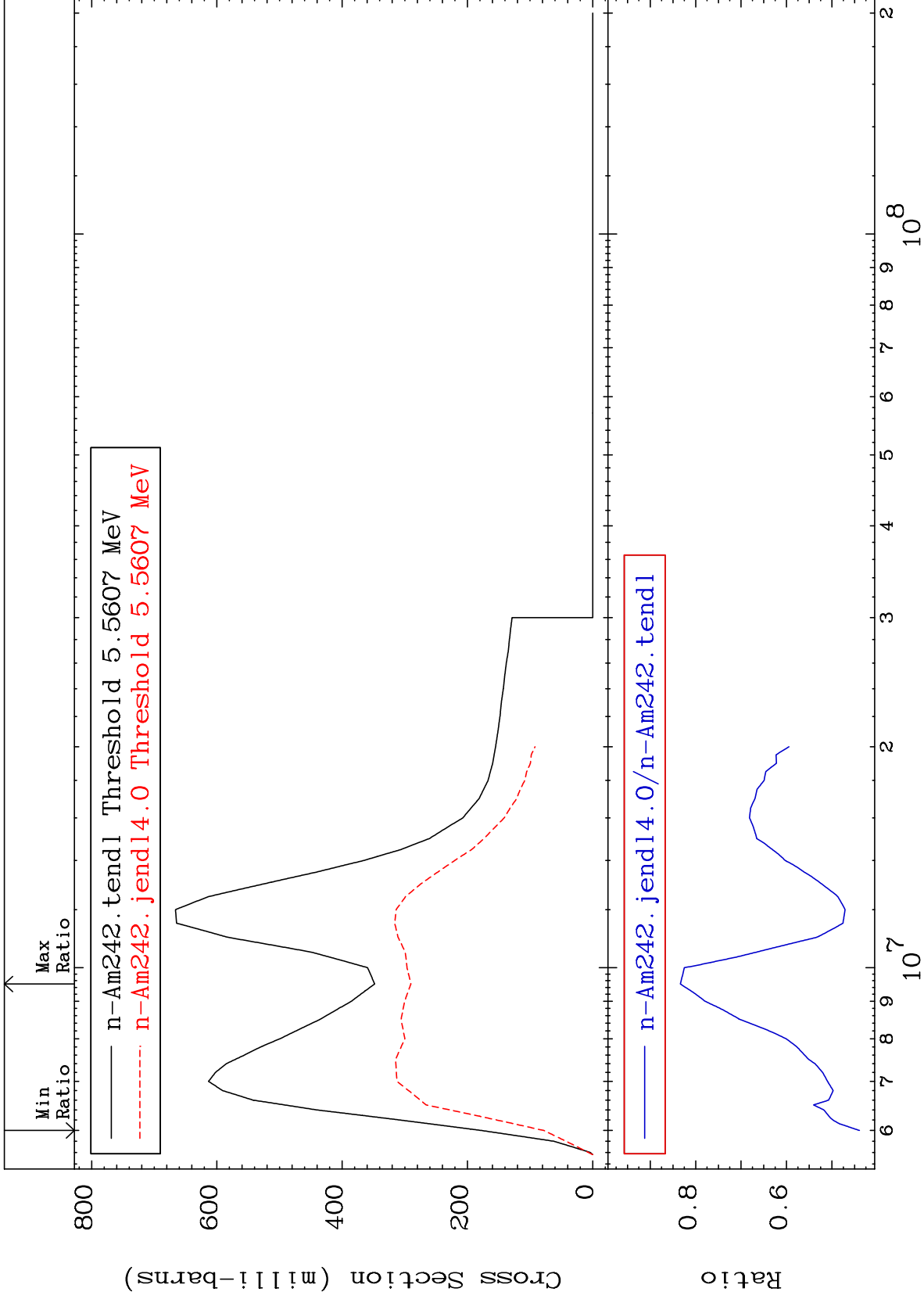




MAT 9546

(n,2n)  
Cross Section

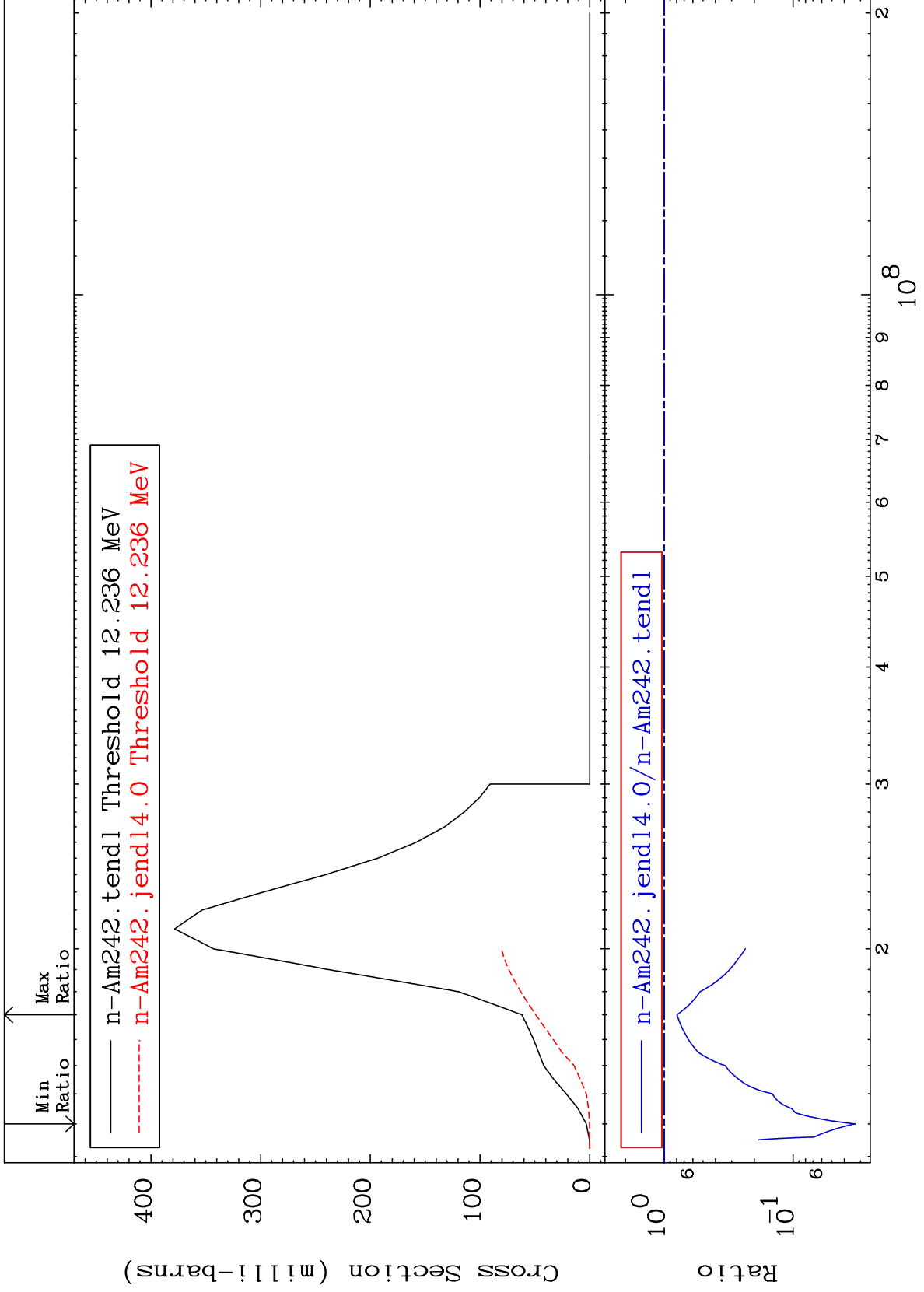
95-Am-242  
-56.06 To -16.63%



MAT 9546

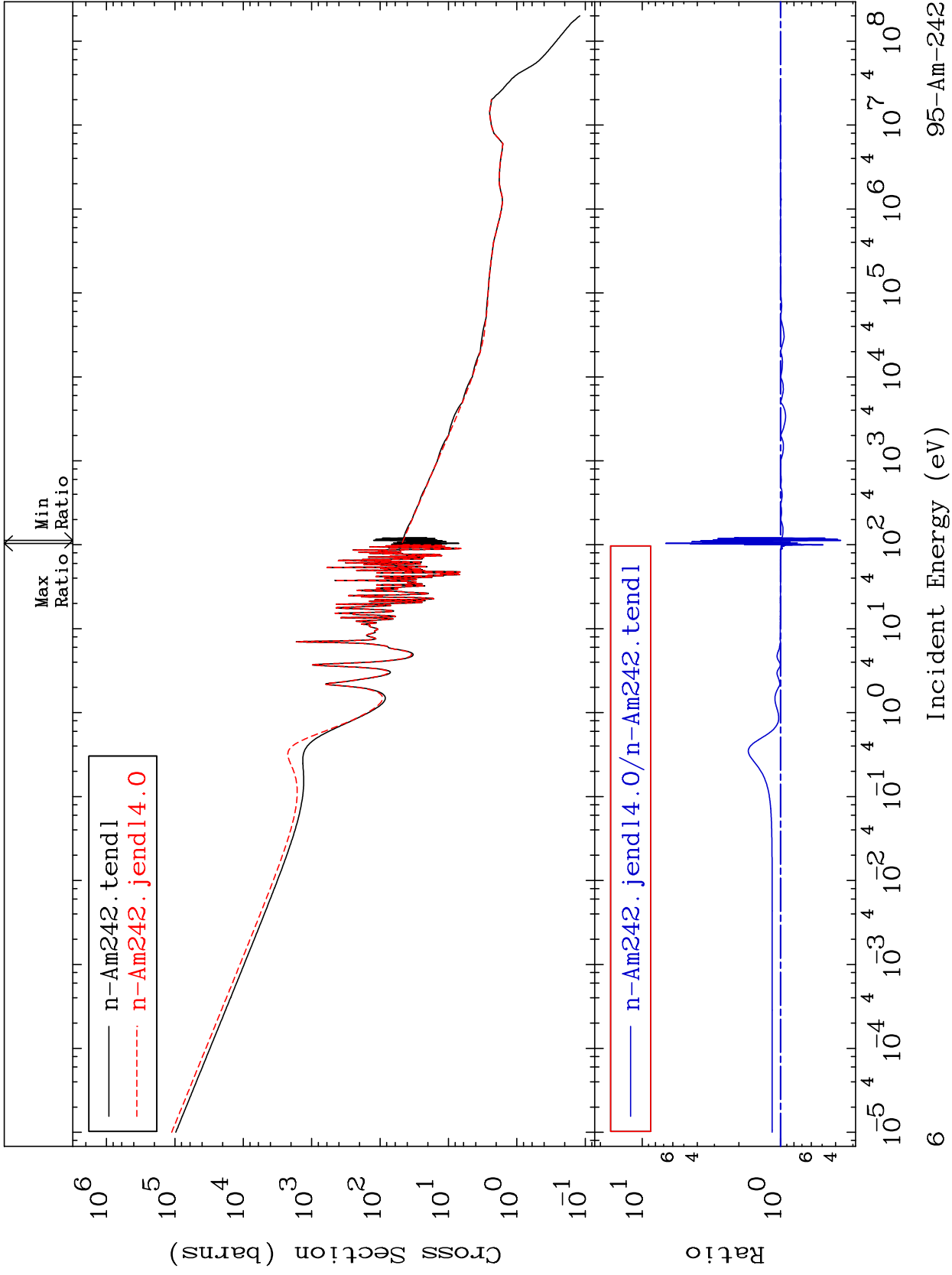
(n,3n)  
Cross Section

95-Am-242  
-96.70 To -20.38%



MAT 9546

Fission Cross Section 95-Am-242  
-63.23 To 577.6 %

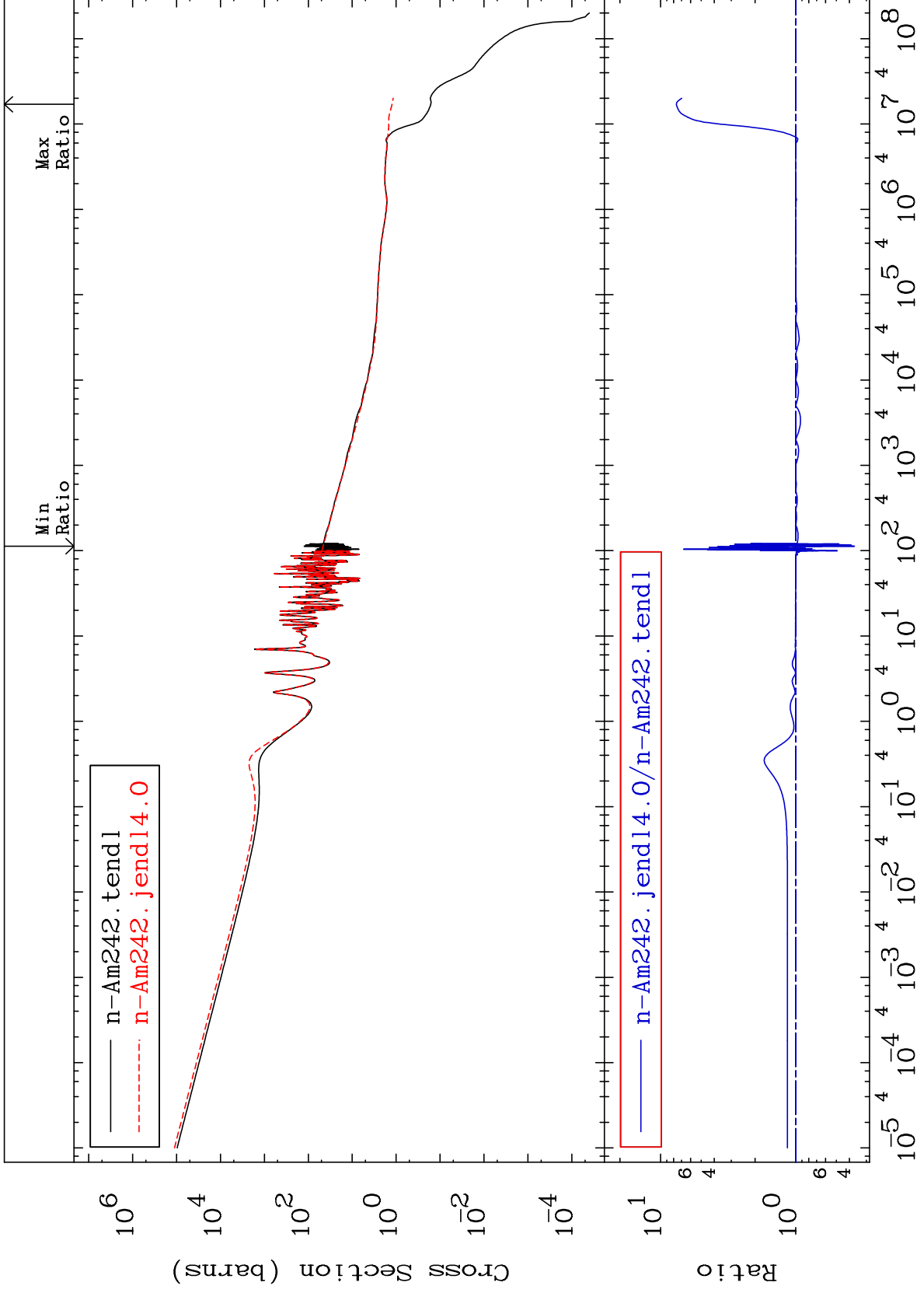


95-Am-242

MAT 9546

(n,f) First Chance  
Cross Section

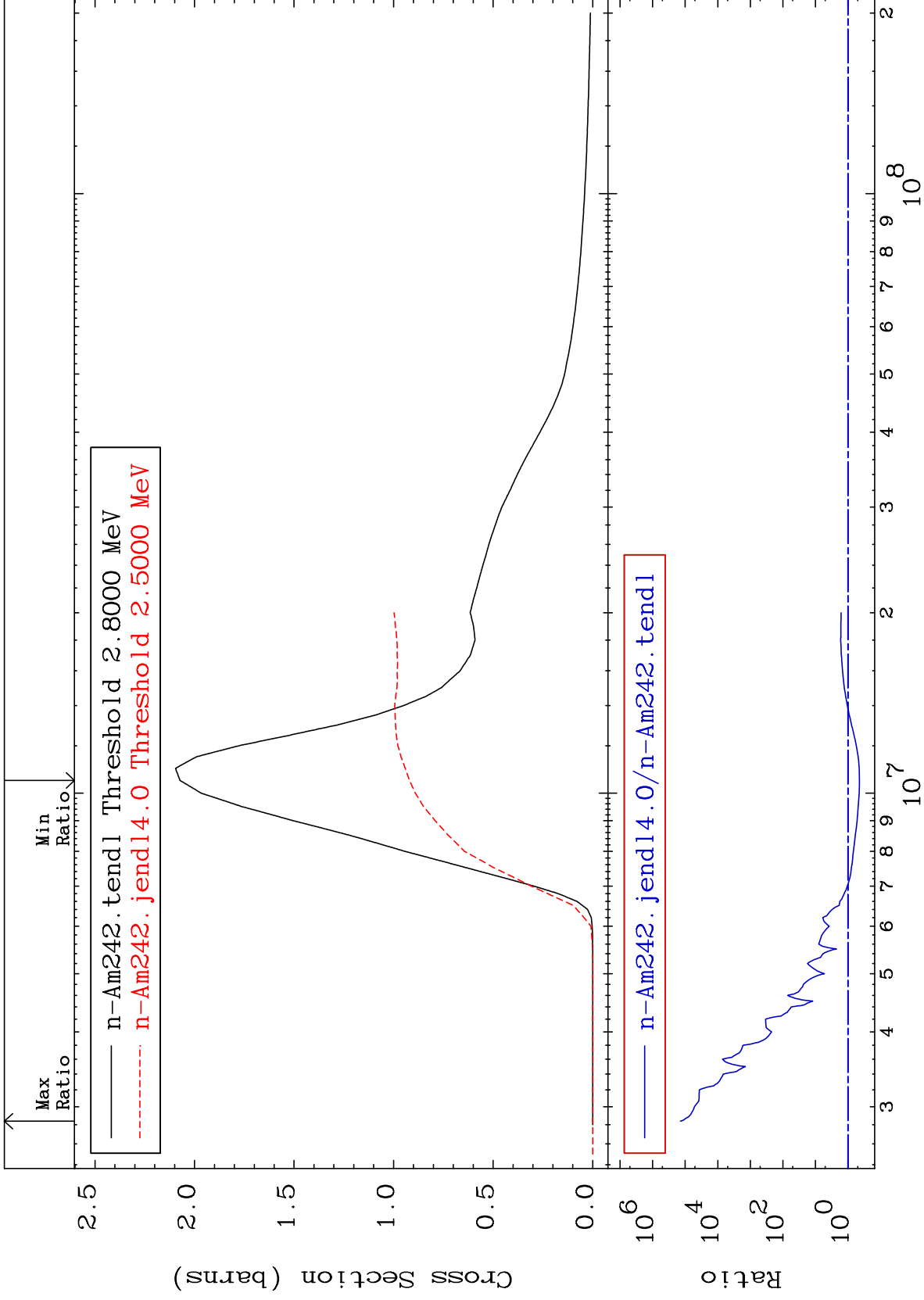
95-Am-242  
-63.23 To 663.8 %



Incident Energy (eV)

95-Am-242

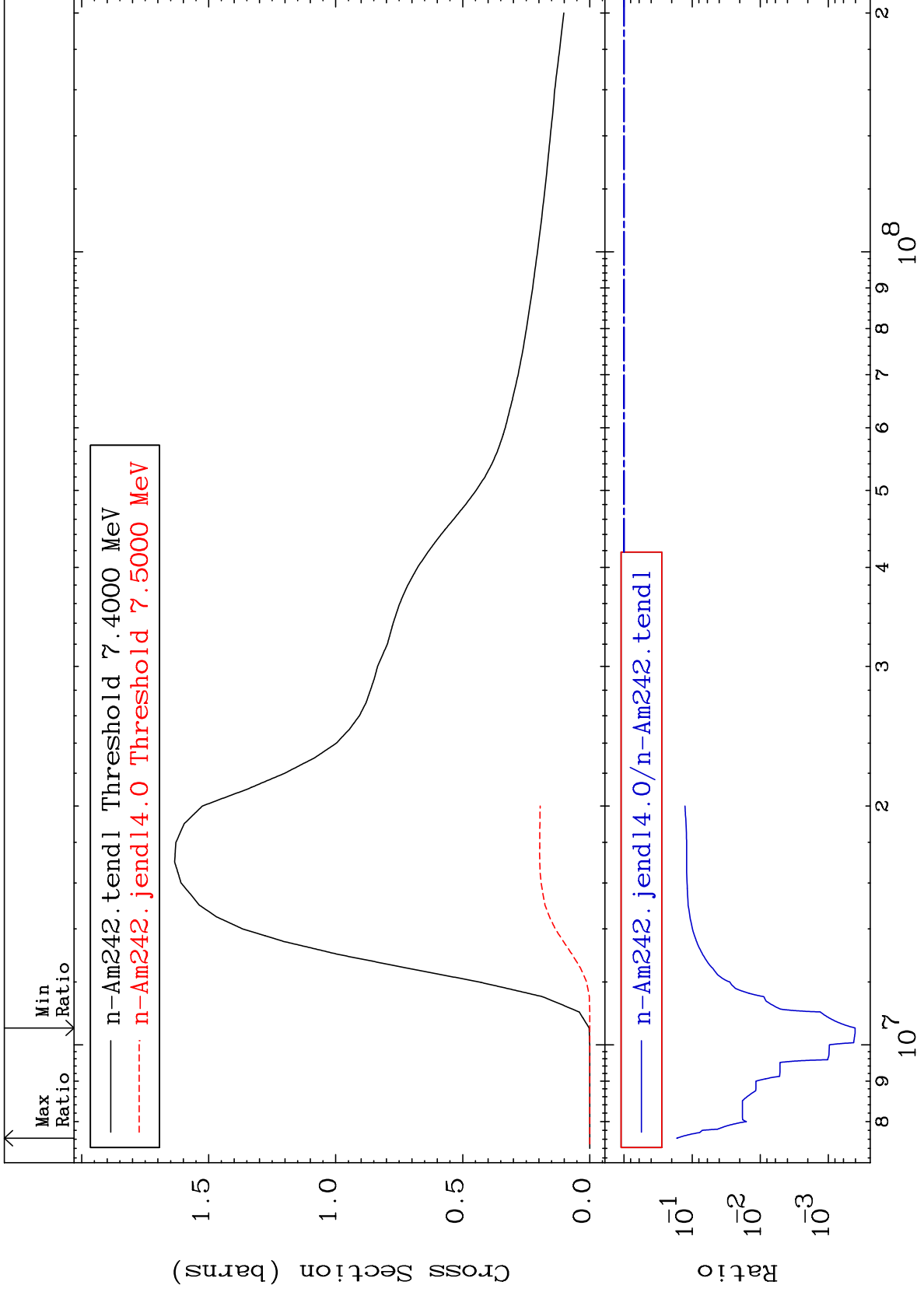
7



MAT 9546

(n,2nf) Third Chance  
Cross Section

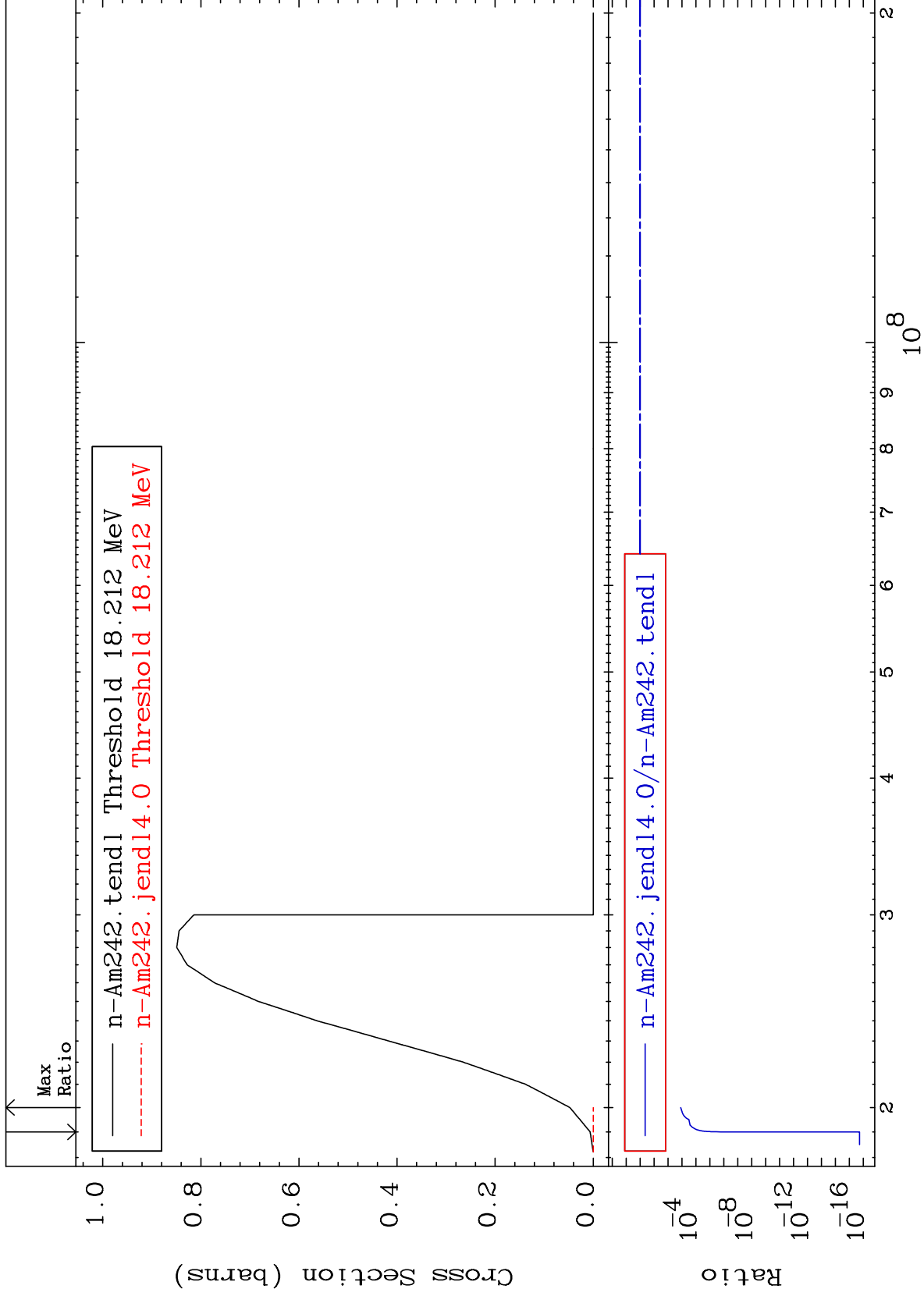
95-Am-242  
-99.96 To -83.25%



MAT 9546

(n,4n)  
Cross Section

95-Am-242  
-100.0 To -99.88%



10

Incident Energy (eV)

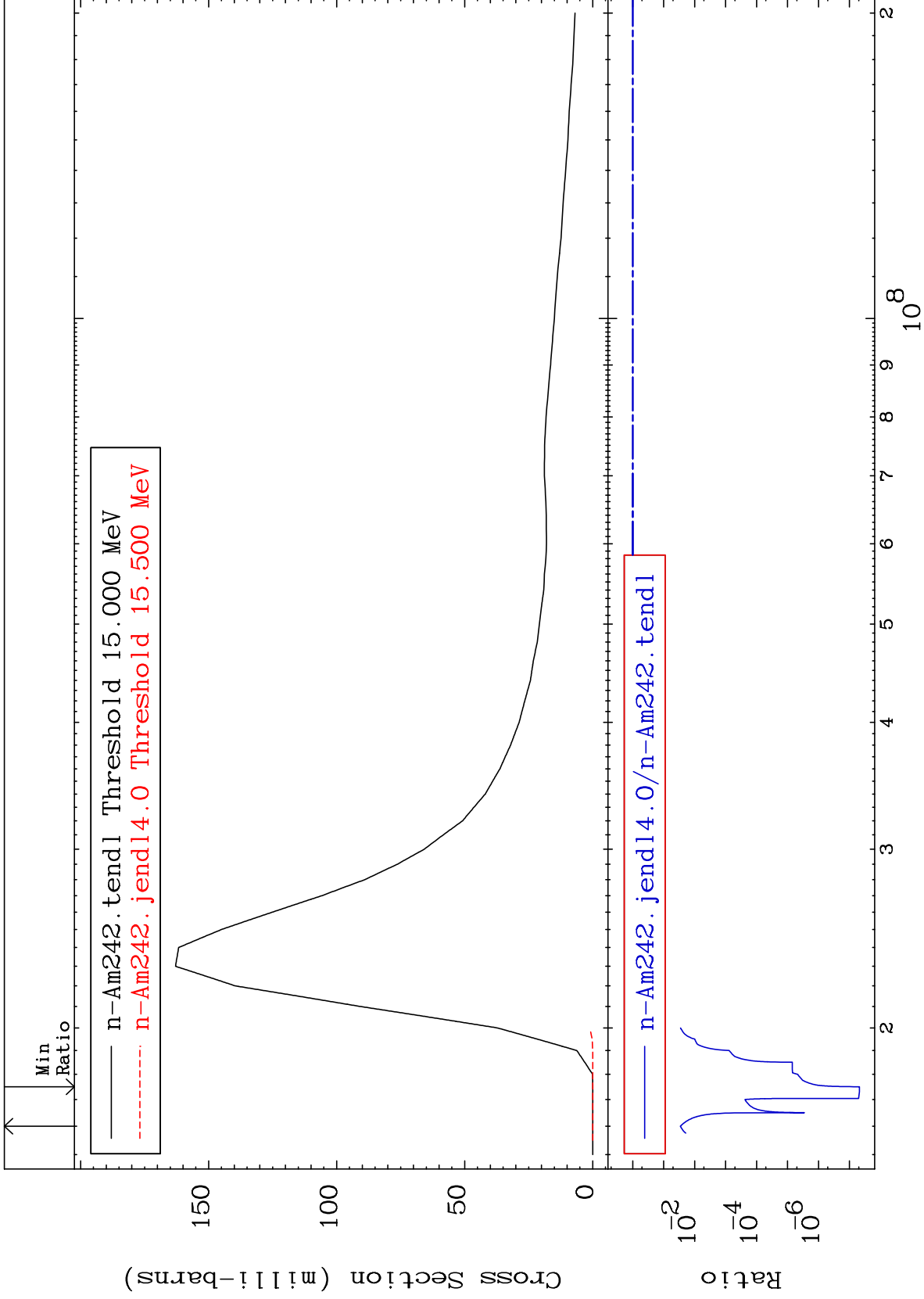
95-Am-242



MAT 9546

(n,3nf) Fourth Chance  
Cross Section

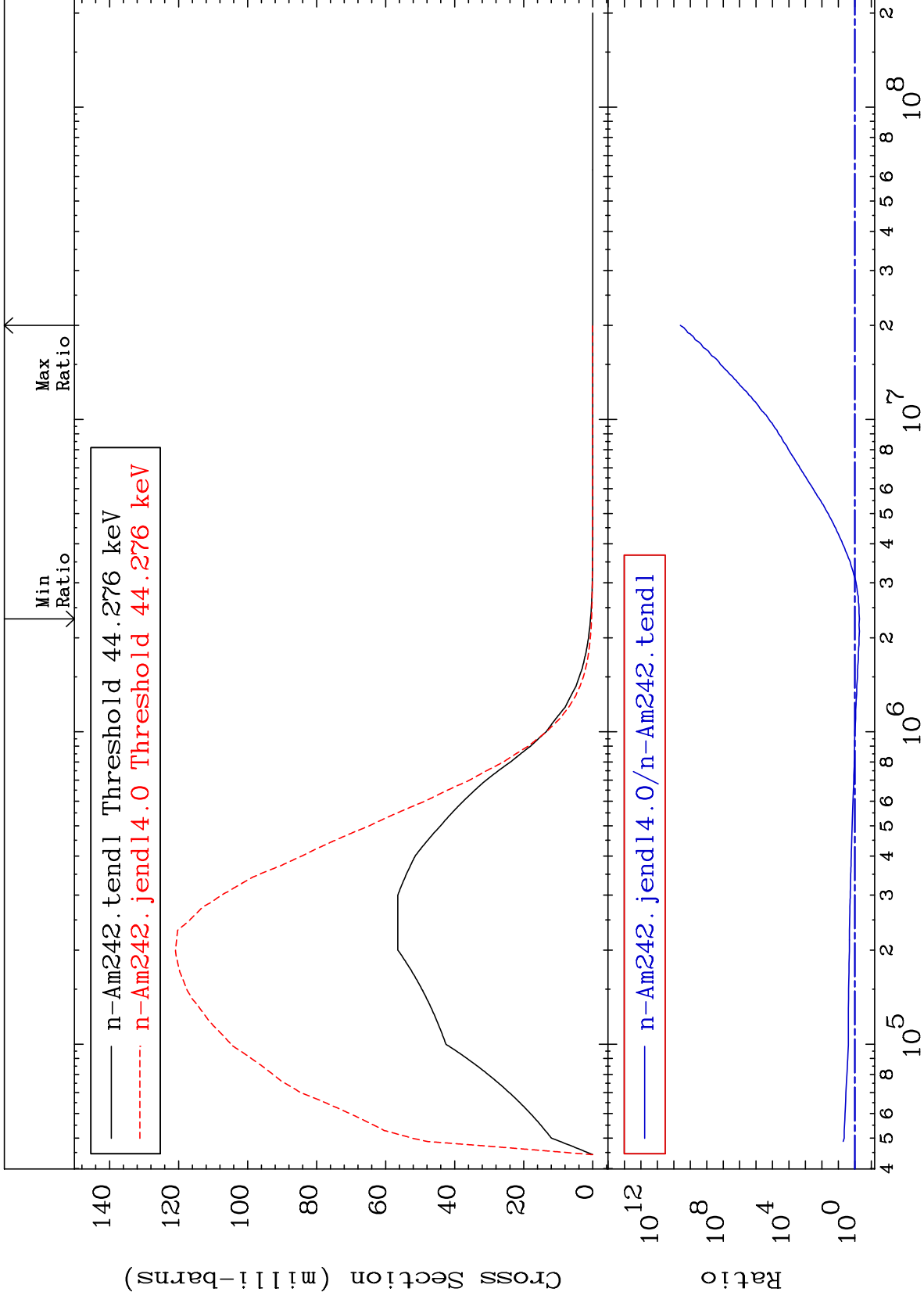
95-Am-242  
-100.0 To -97.11%



MAT 9546

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

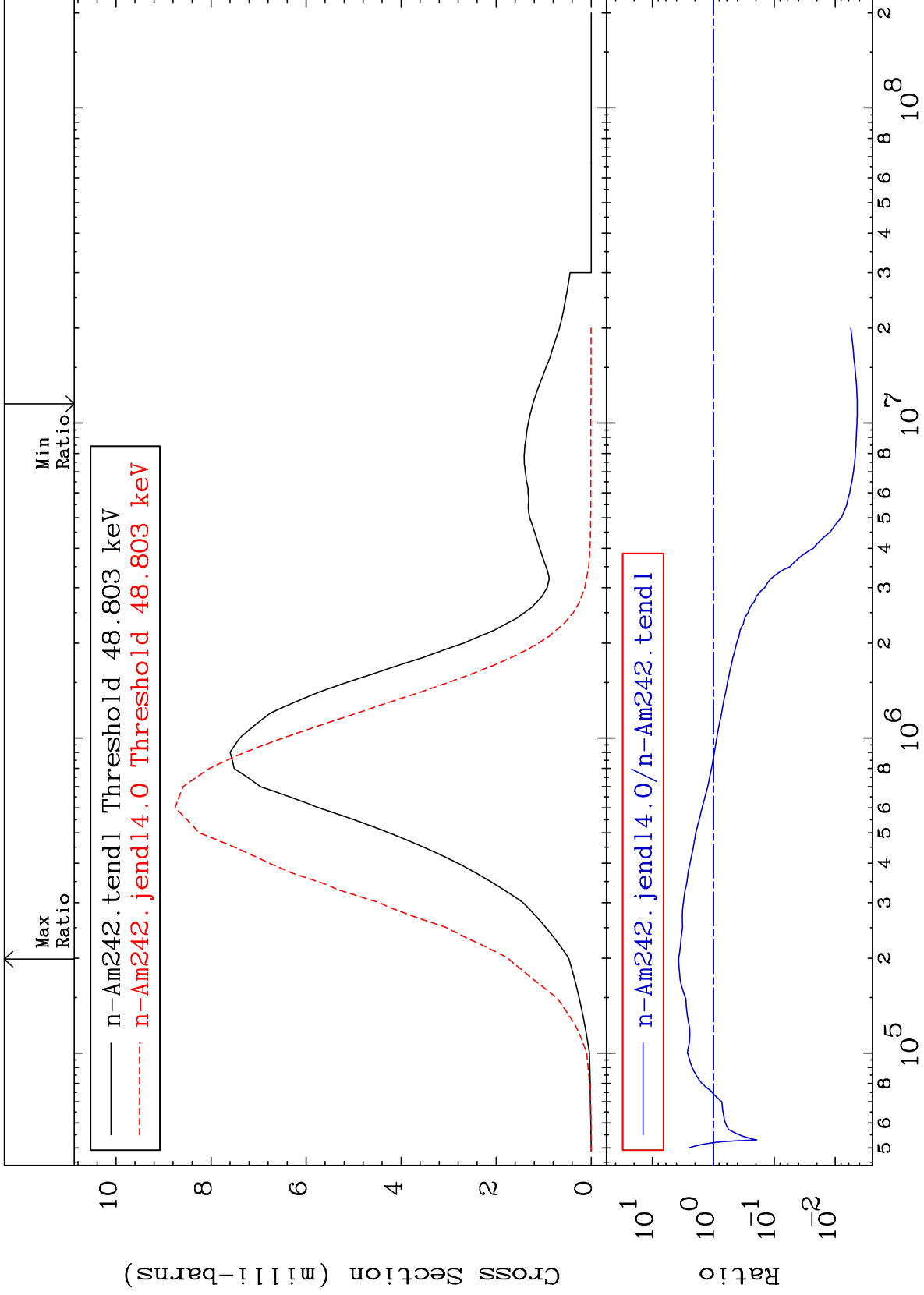
95-Am-242  
-47.40 To 9999. %



MAT 9546

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

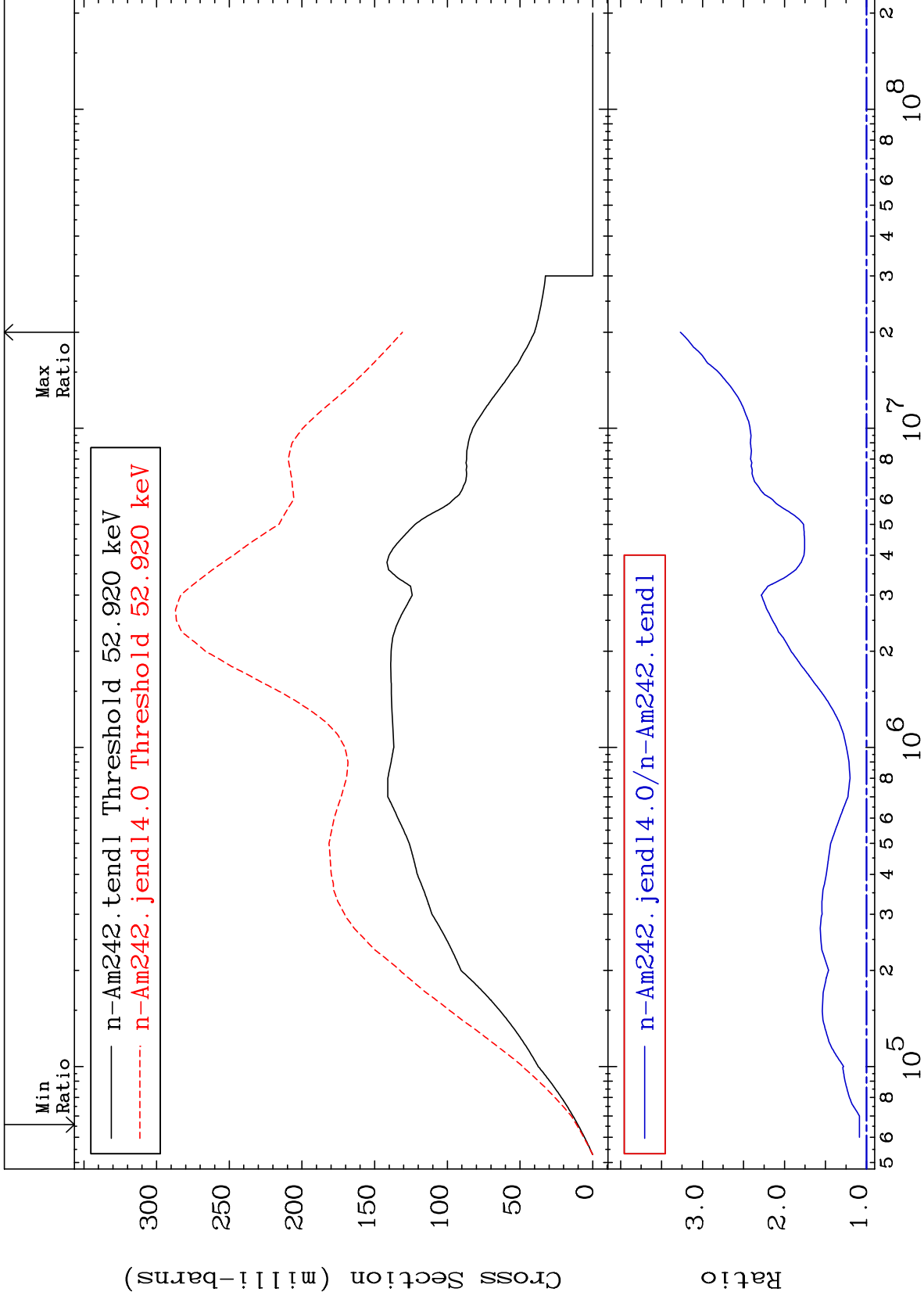
95-Am-242  
-99.57 To 270.3 %



MAT 9546

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

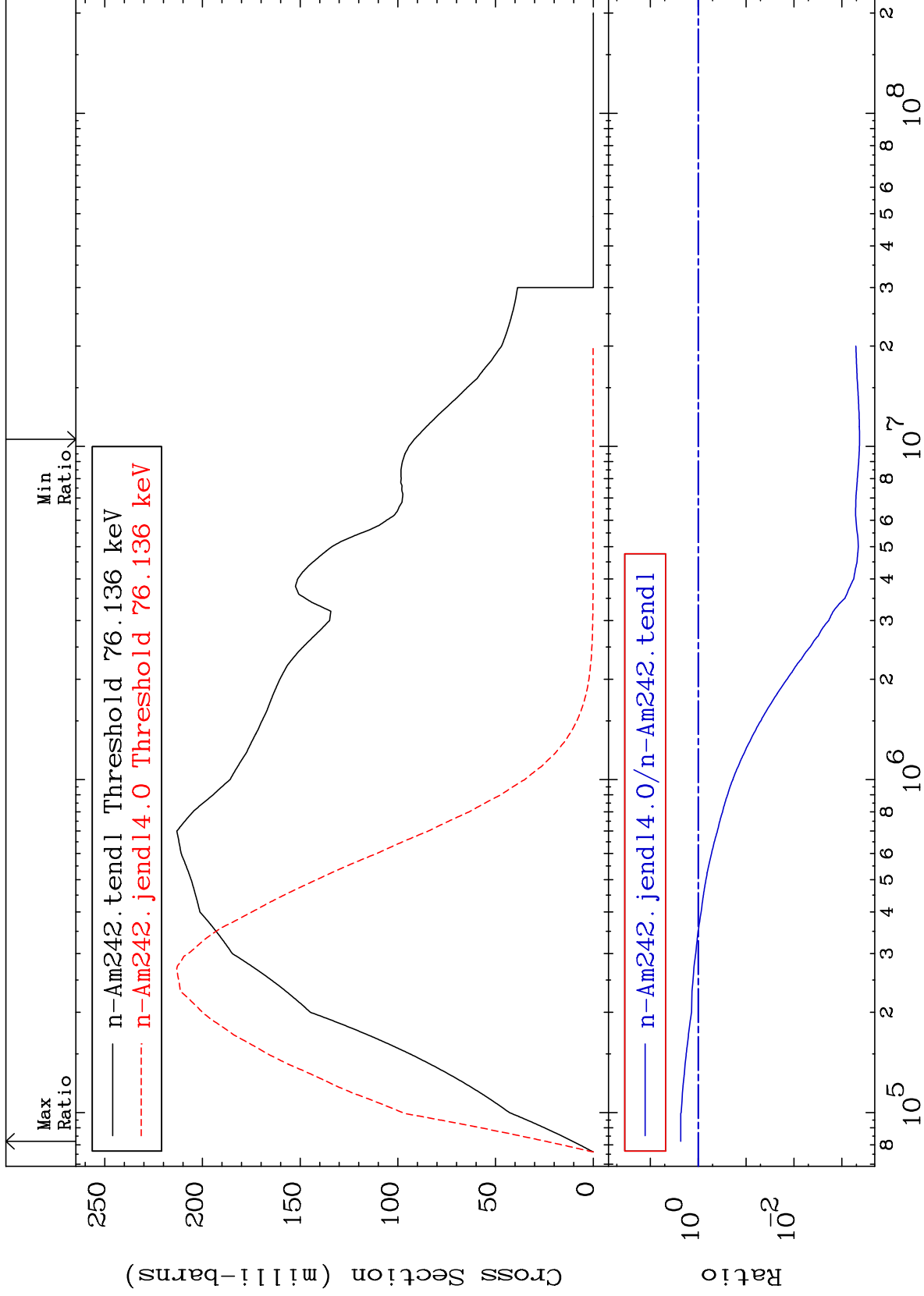
95-Am-242  
8.659 To 227.1 %



MAT 9546

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

95-Am-242  
-99.96 To 130.7 %



15

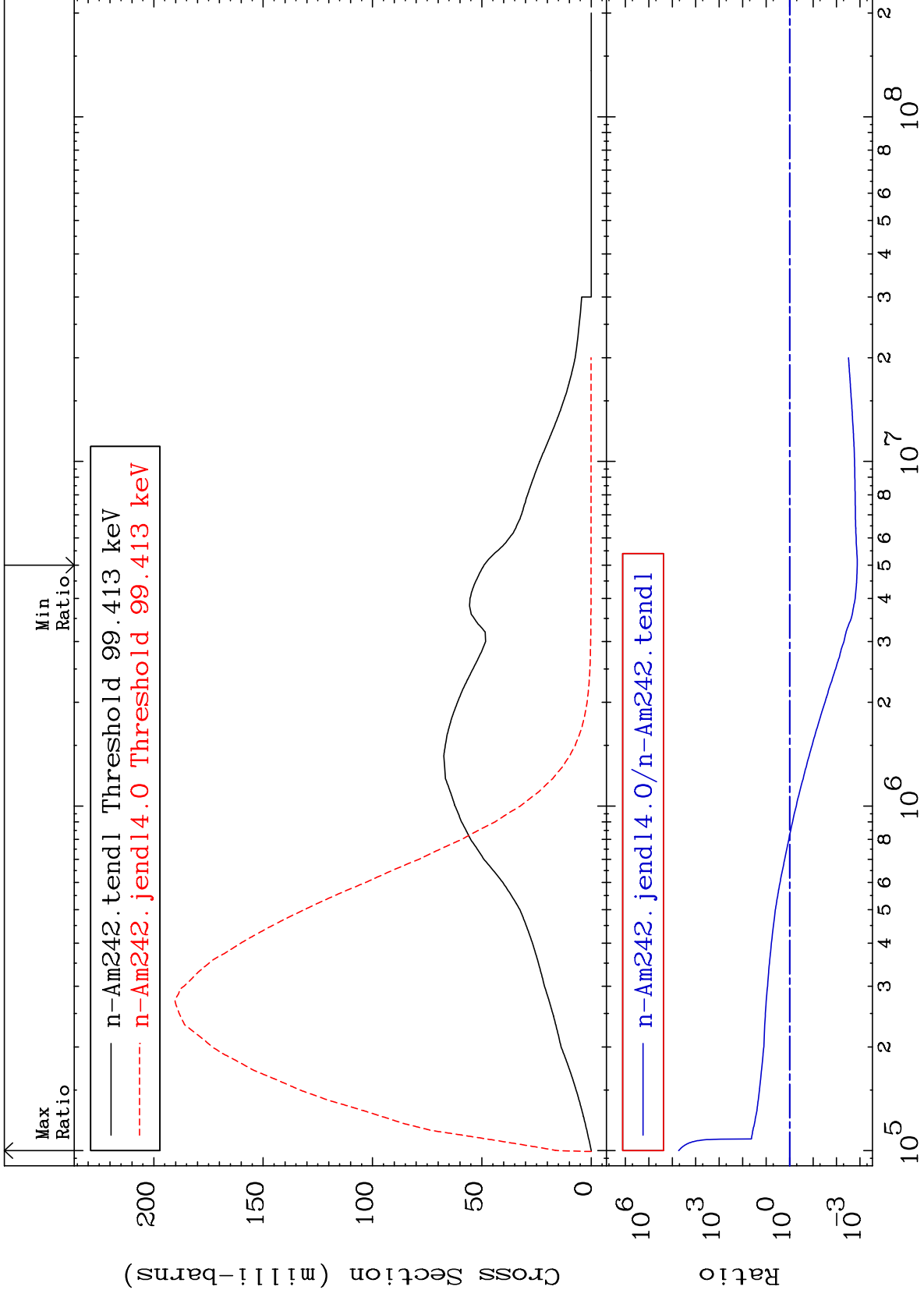
Incident Energy (eV)

95-Am-242

MAT 9546

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

95-Am-242  
-99.87 To 9999. %



16

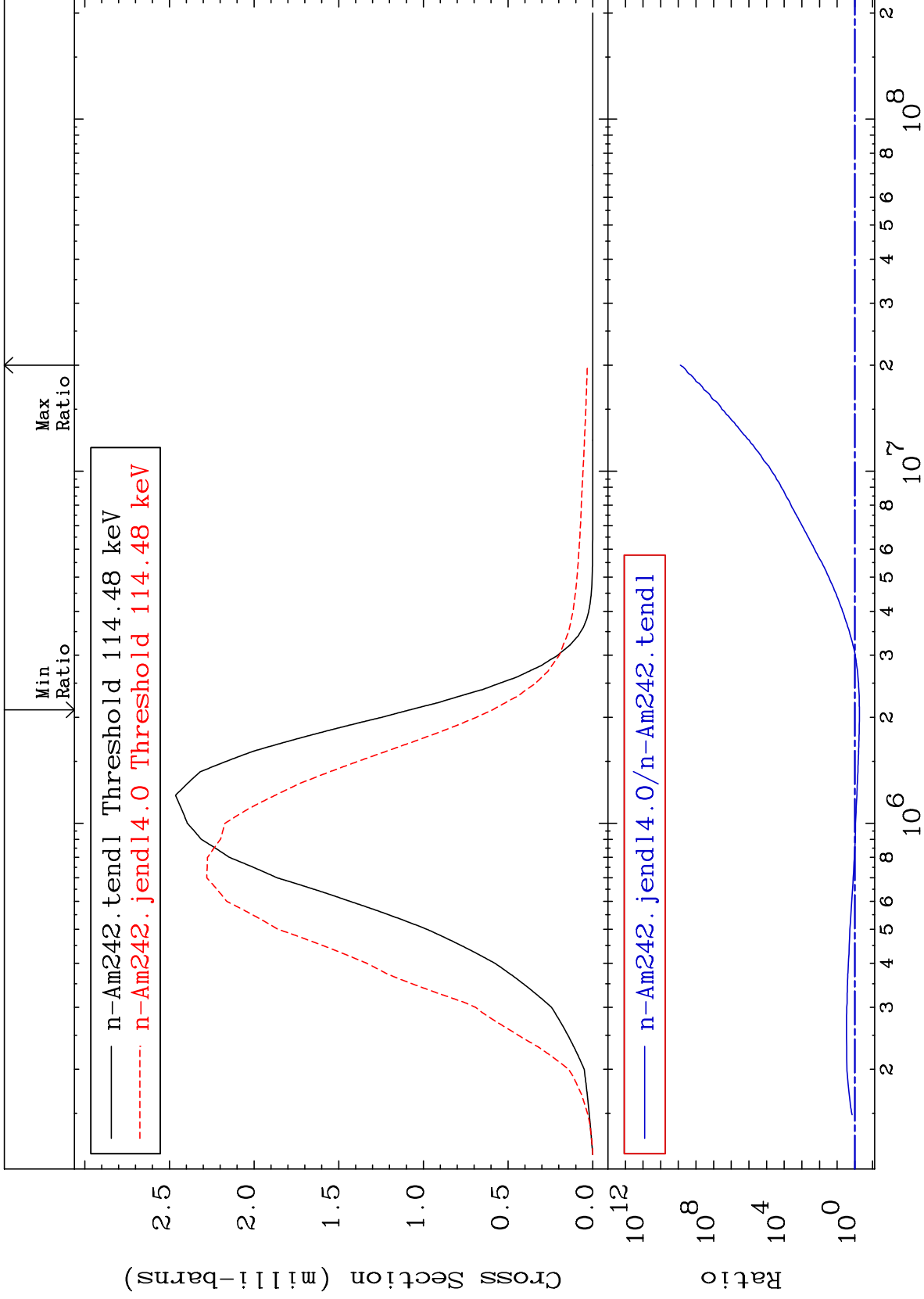
Incident Energy (eV)

95-Am-242

MAT 9546

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

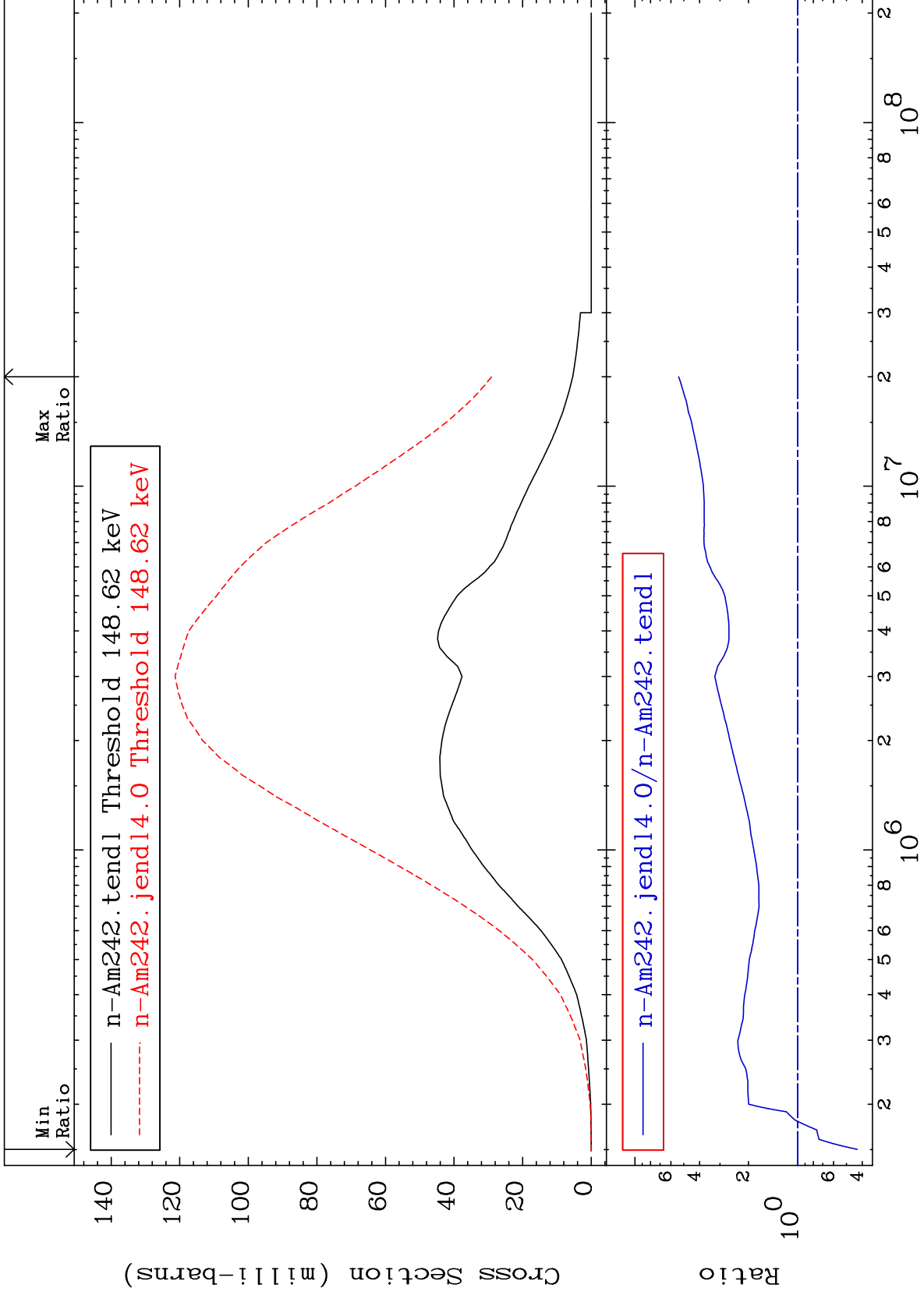
95-Am-242  
-45.26 To 9999. %



MAT 9546

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

95-Am-242  
-57.07 To 437.8 %

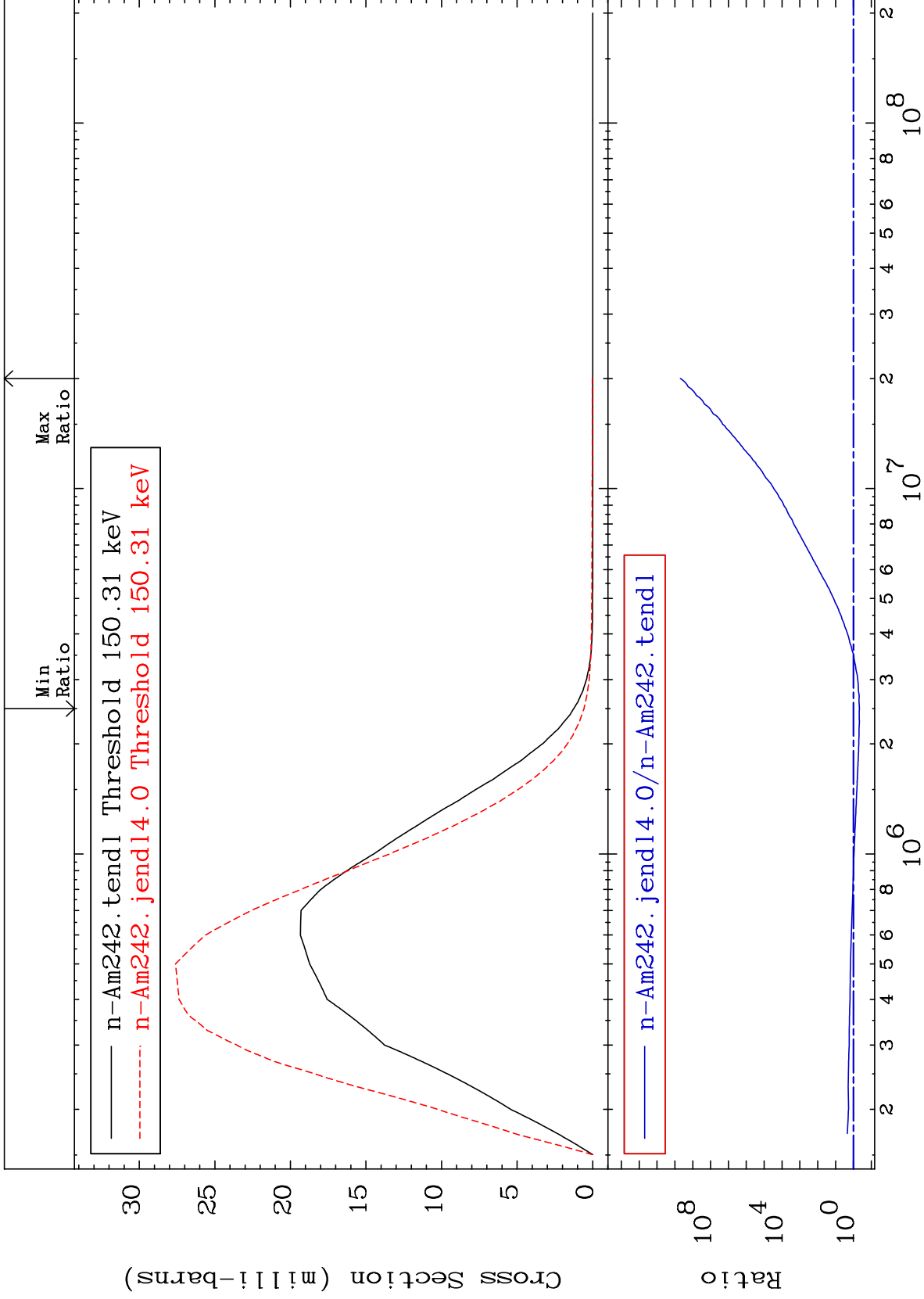




MAT 9546

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

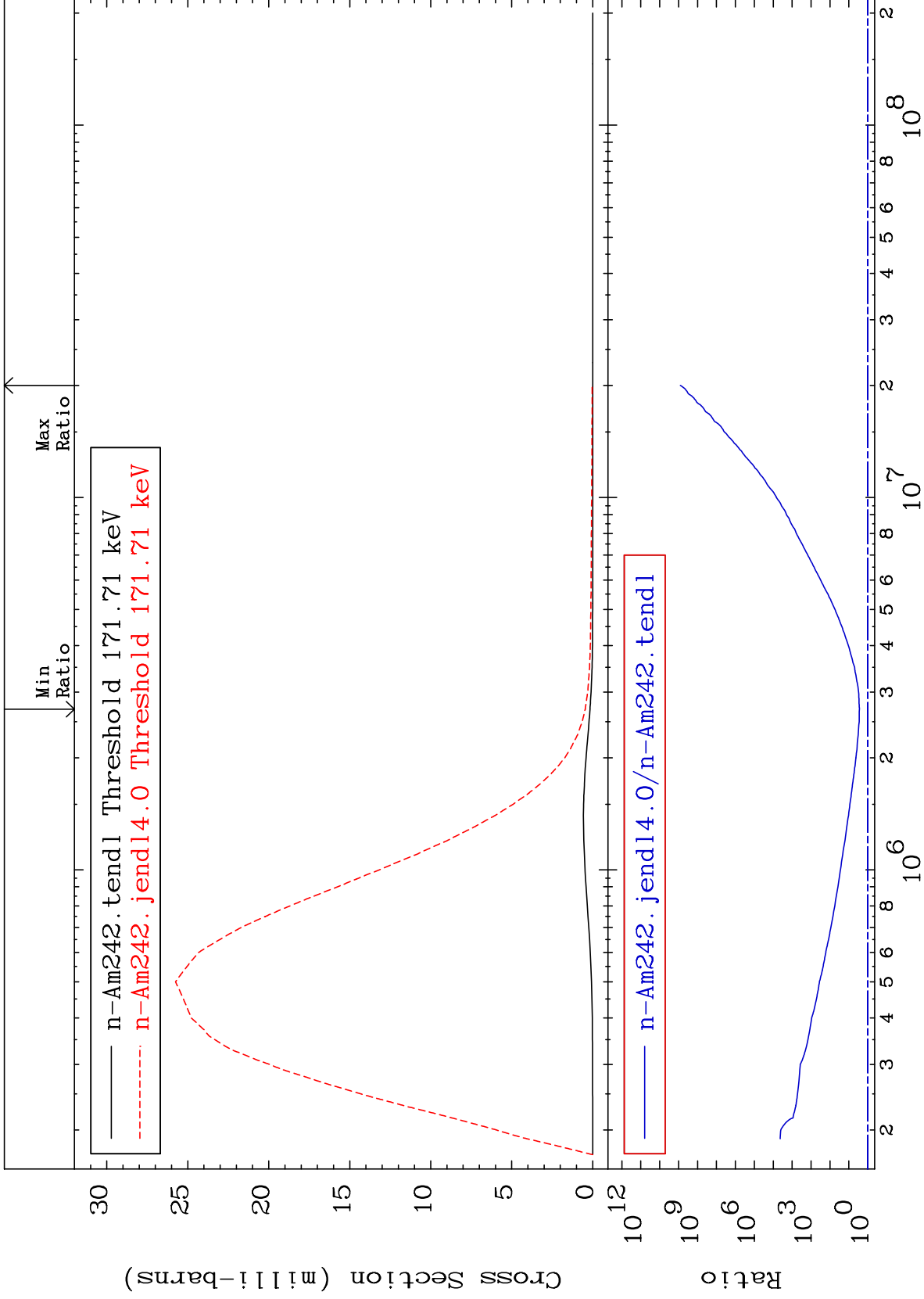
95-Am-242  
-54.02 To 9999. %



MAT 9546

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

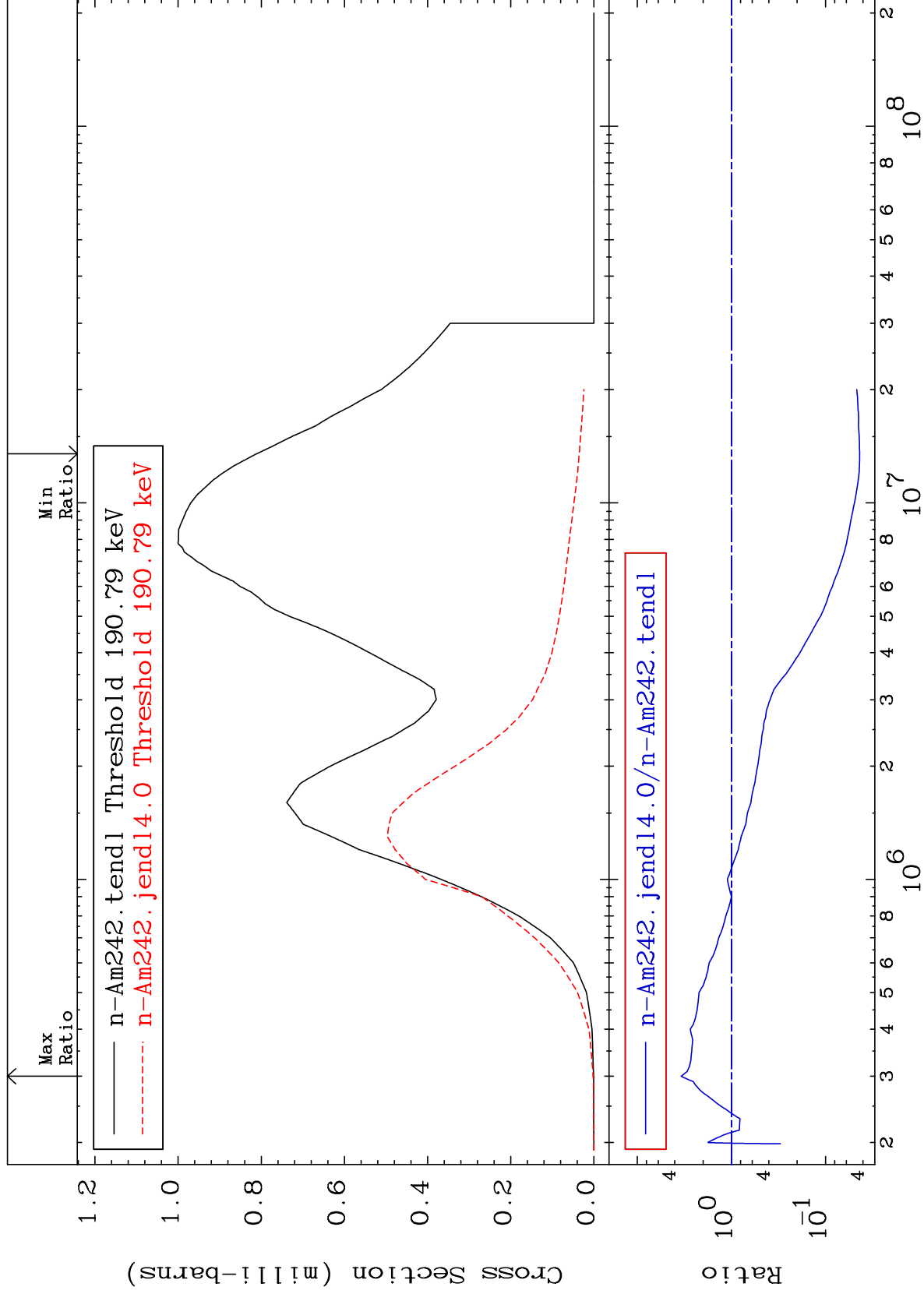
176.9 To 9999. %  
95-Am-242



MAT 9546

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

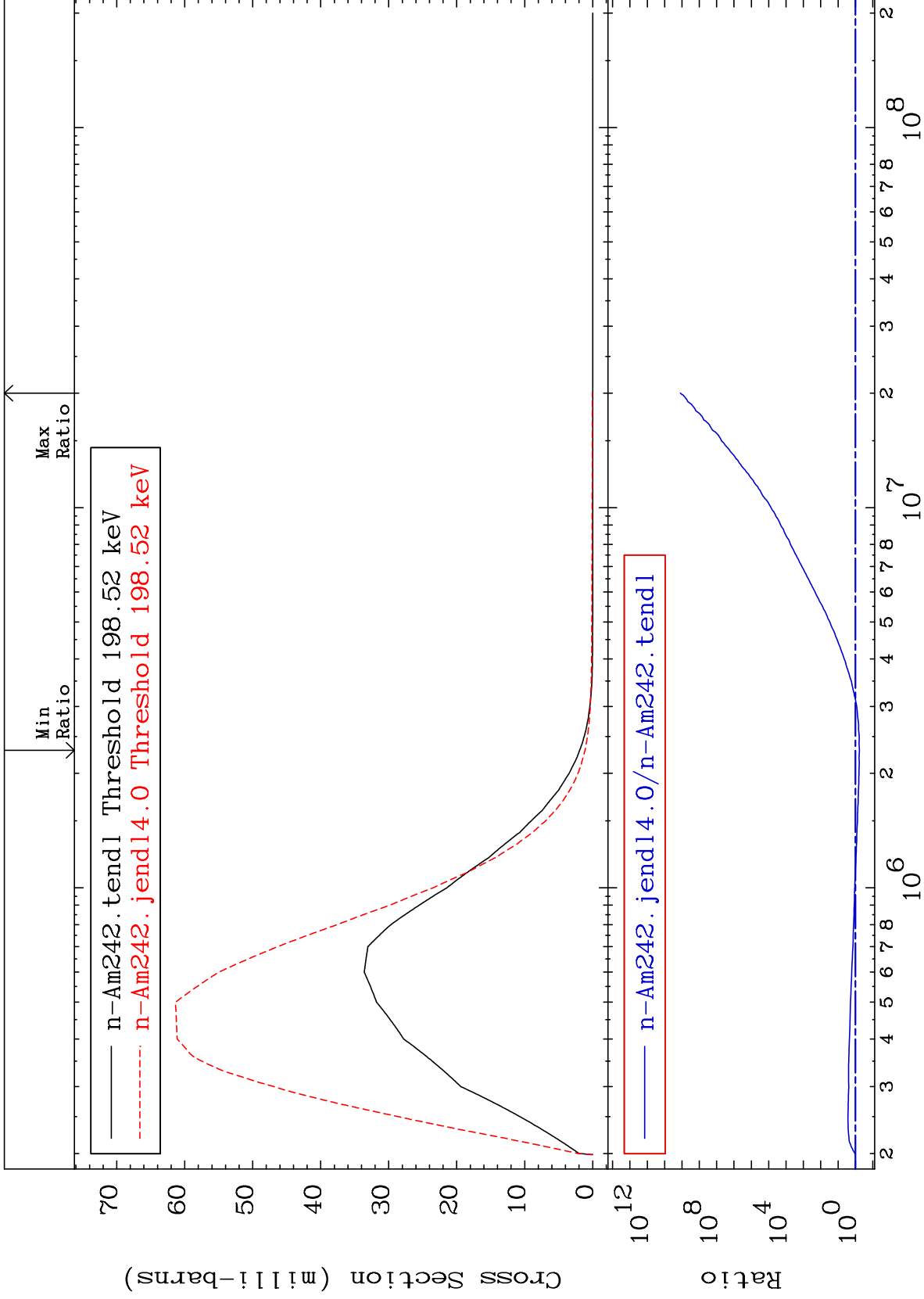
95-Am-242  
-95.66 To 241.8 %



MAT 9546

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

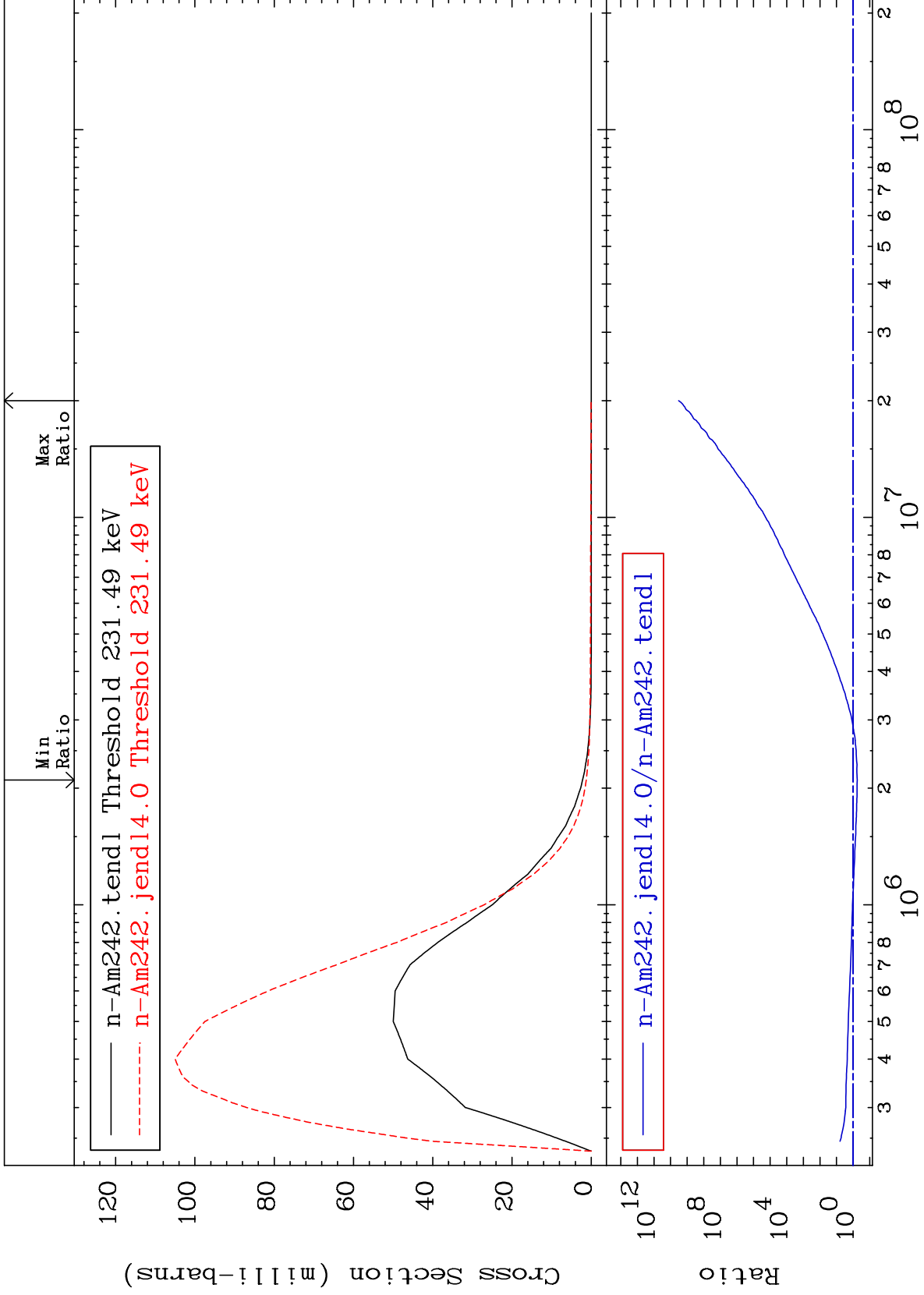
95-Am-242  
-41.14 To 9999. %



MAT 9546

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

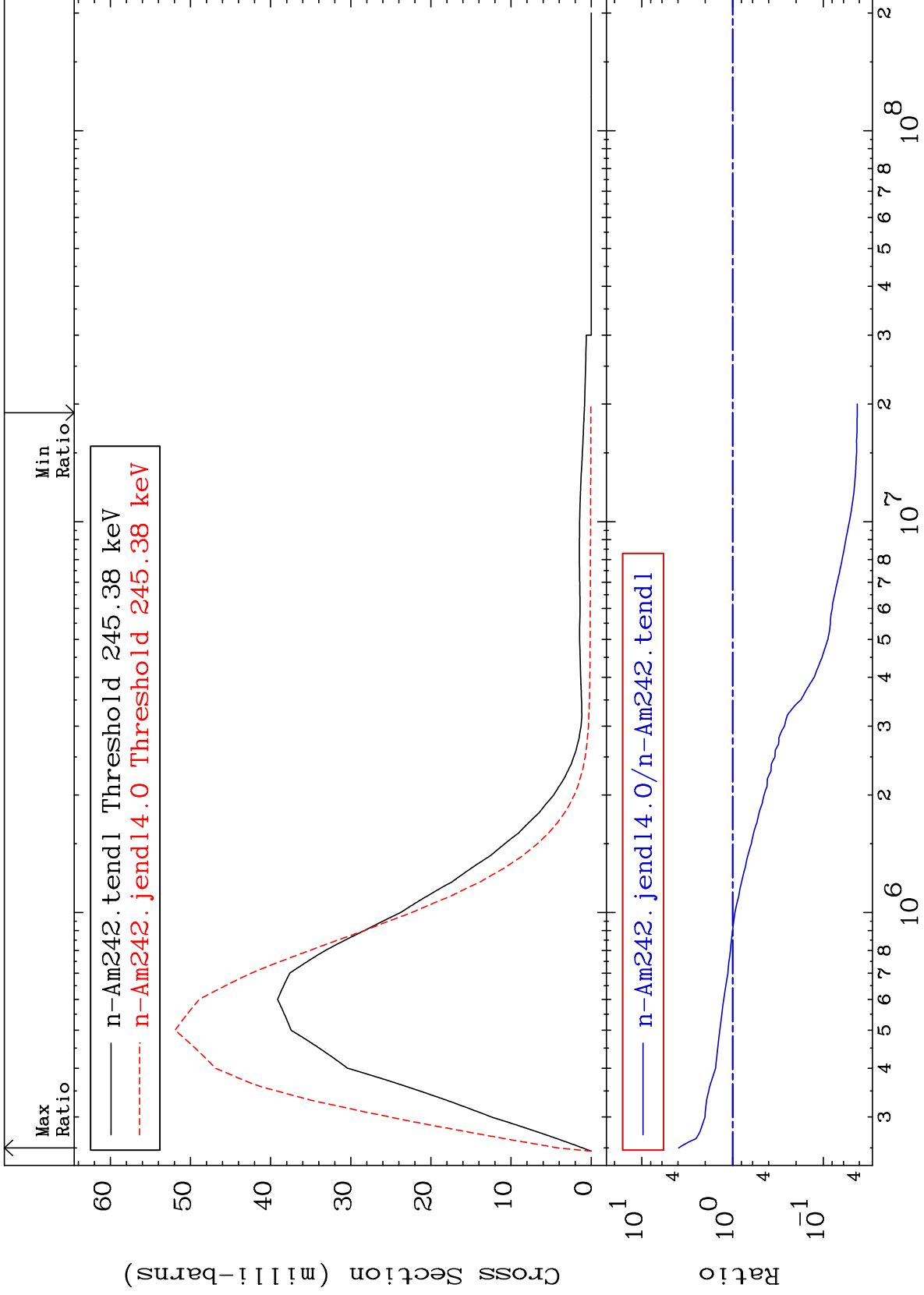
95-Am-242  
-43.66 To 9999. %



MAT 9546

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

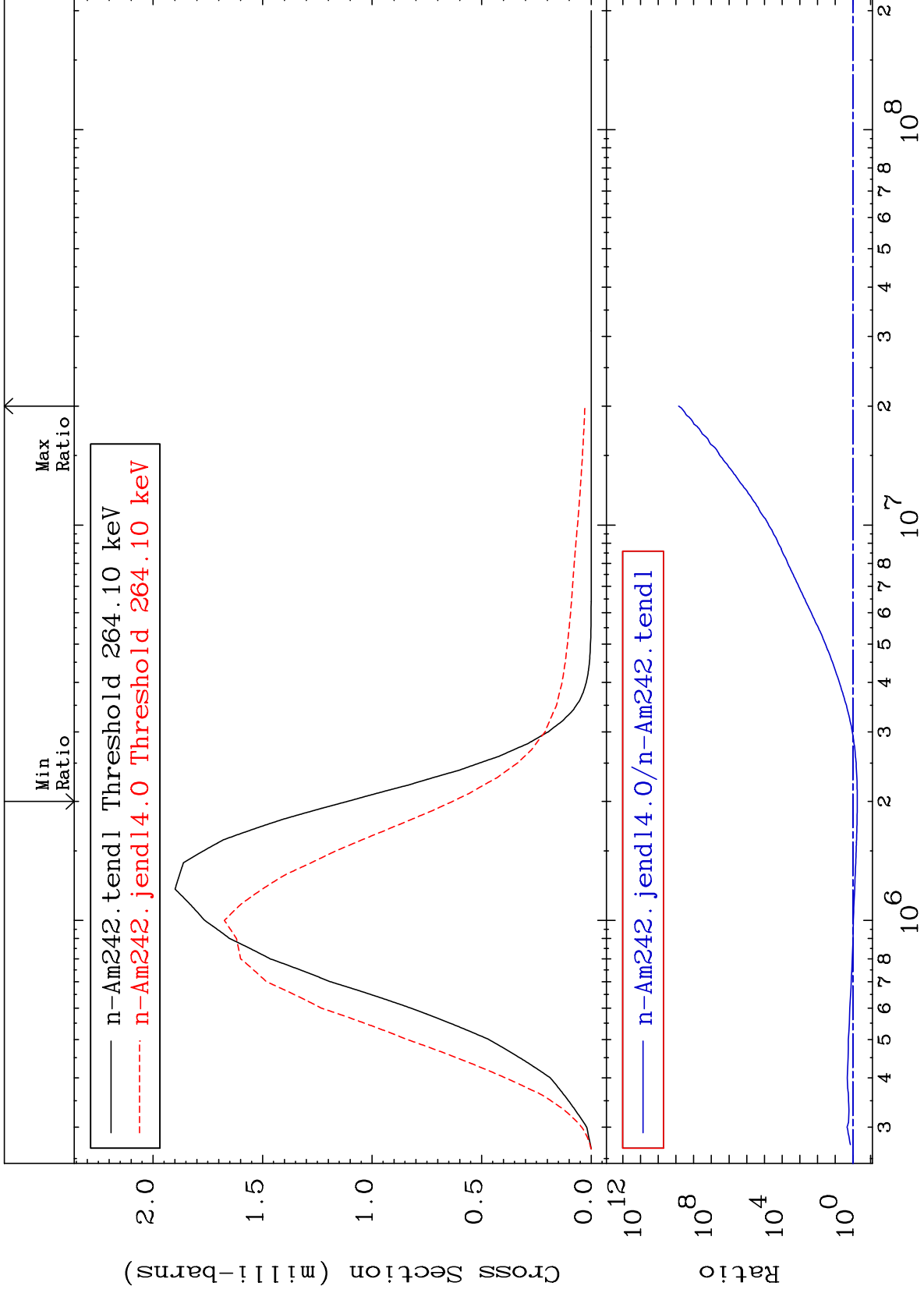
95-Am-242  
-95.77 To 293.3 %



MAT 9546

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

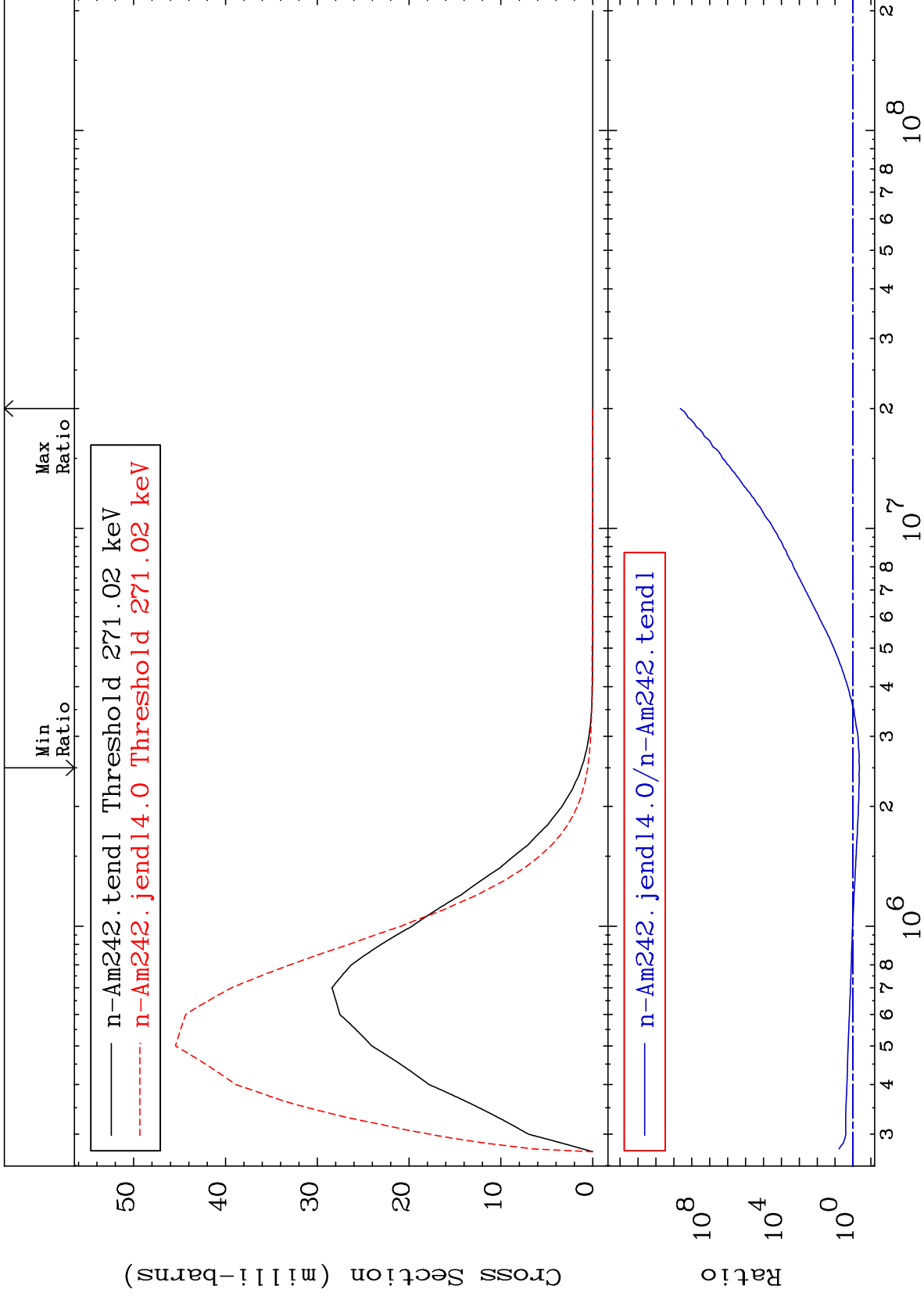
95-Am-242  
-43.15 To 9999. %



MAT 9546

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

95-Am-242  
-56.05 To 9999. %

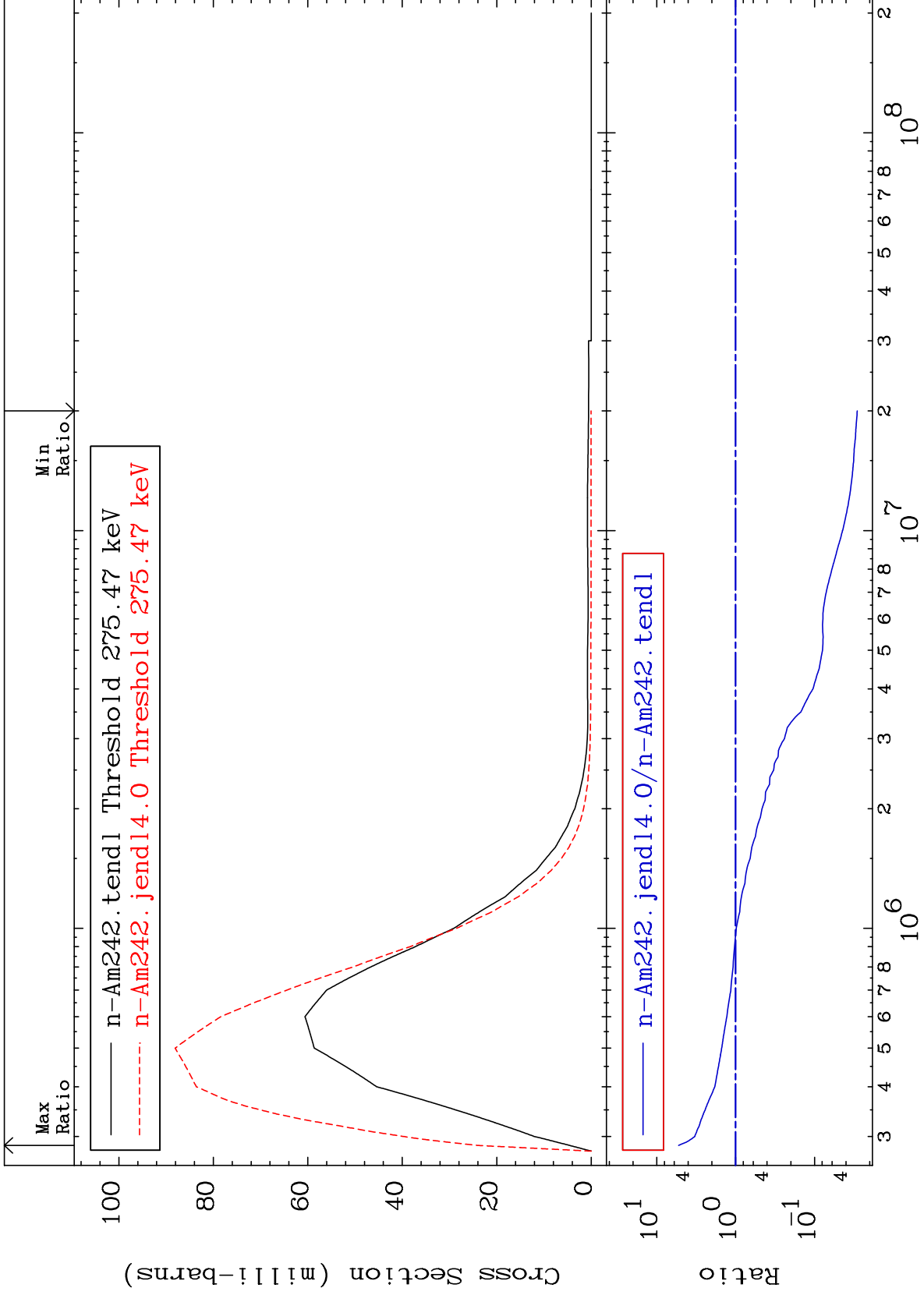




MAT 9546

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

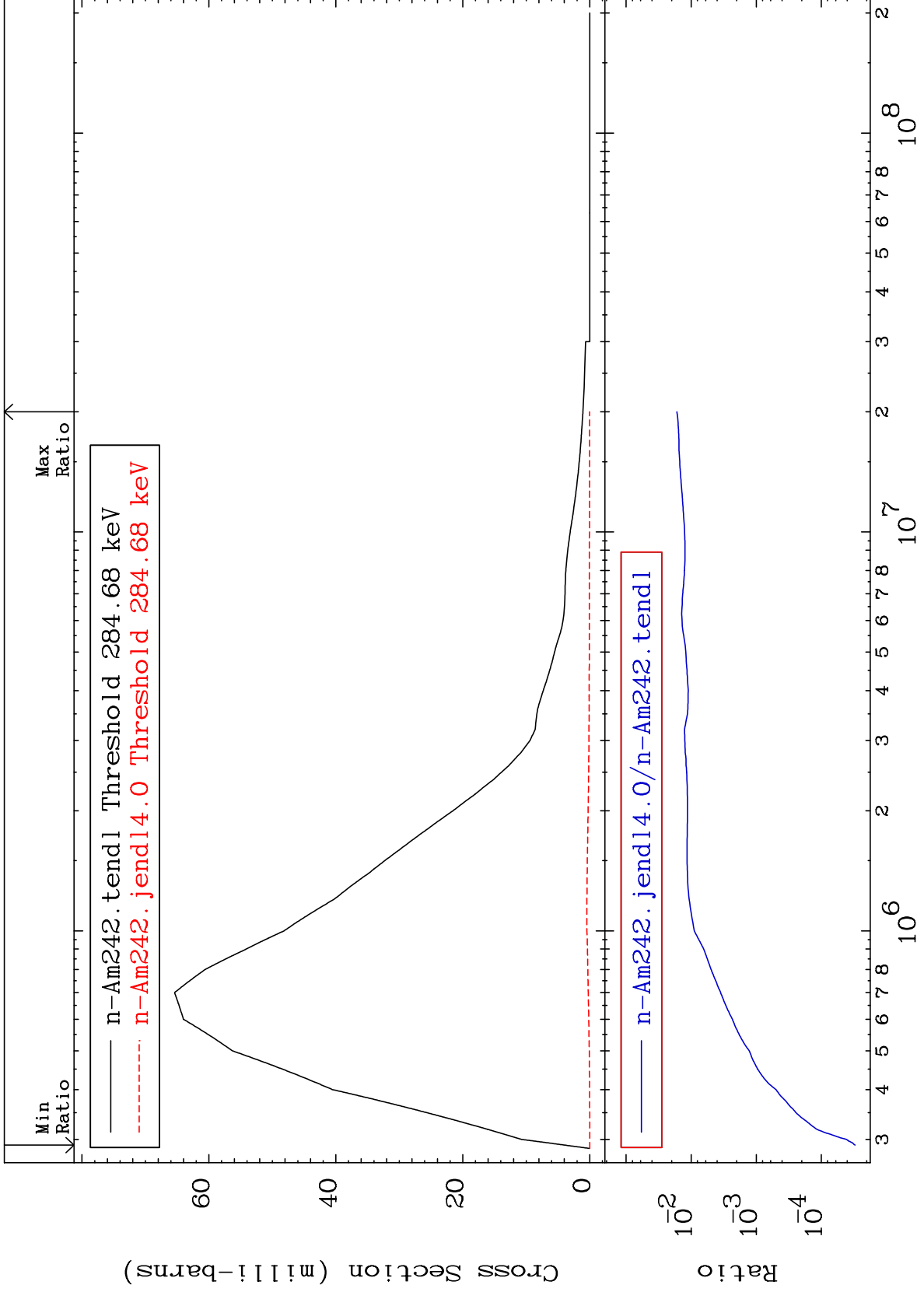
95-Am-242  
-97.12 To 427.9 %



MAT 9546

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

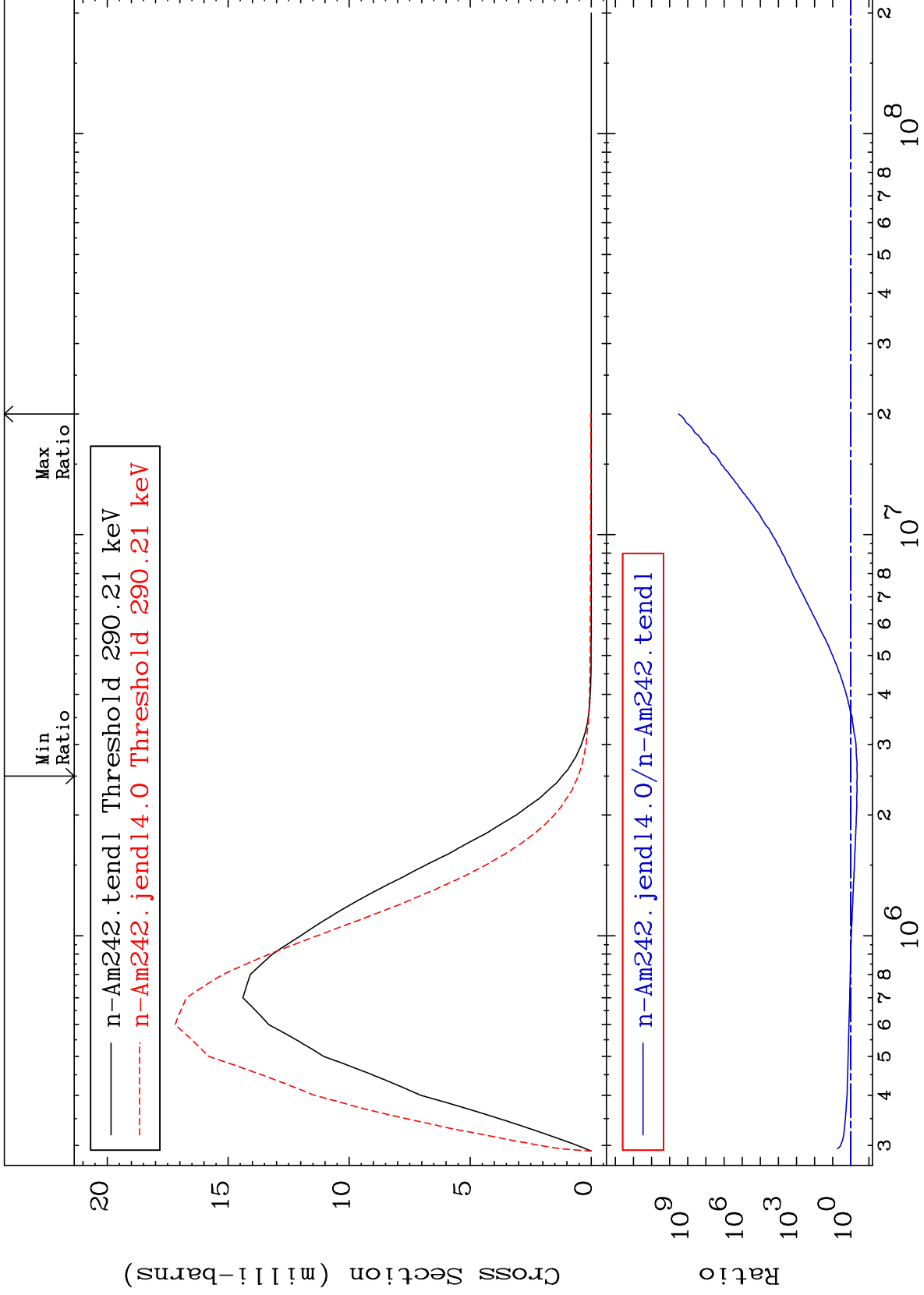
95-Am-242  
-100.0 To -98.34%



MAT 9546

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

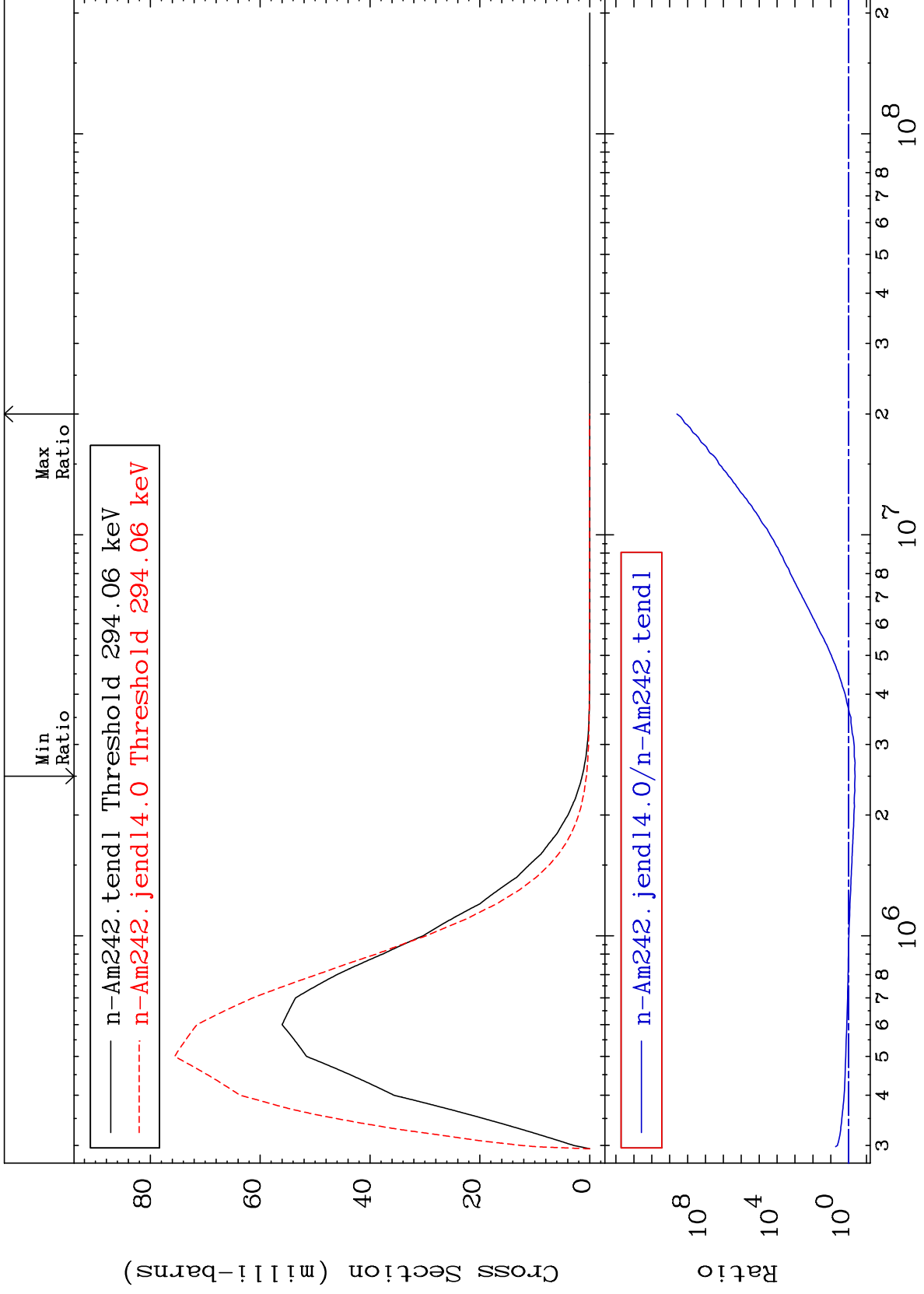
95-Am-242  
-55.74 To 9999. %



MAT 9546

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

95-Am-242  
-56.21 To 9999. %



30

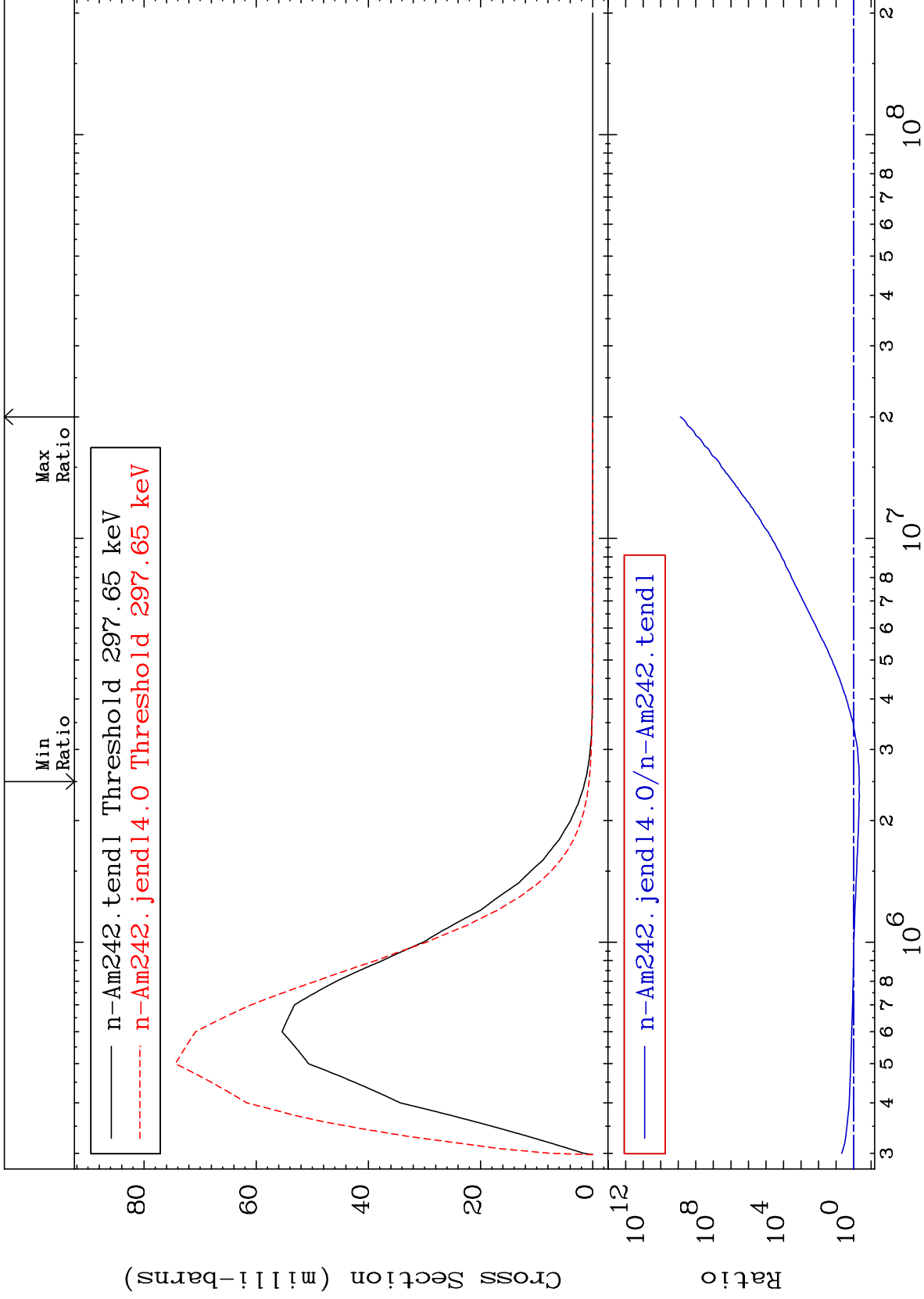
Incident Energy (eV)

95-Am-242

MAT 9546

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

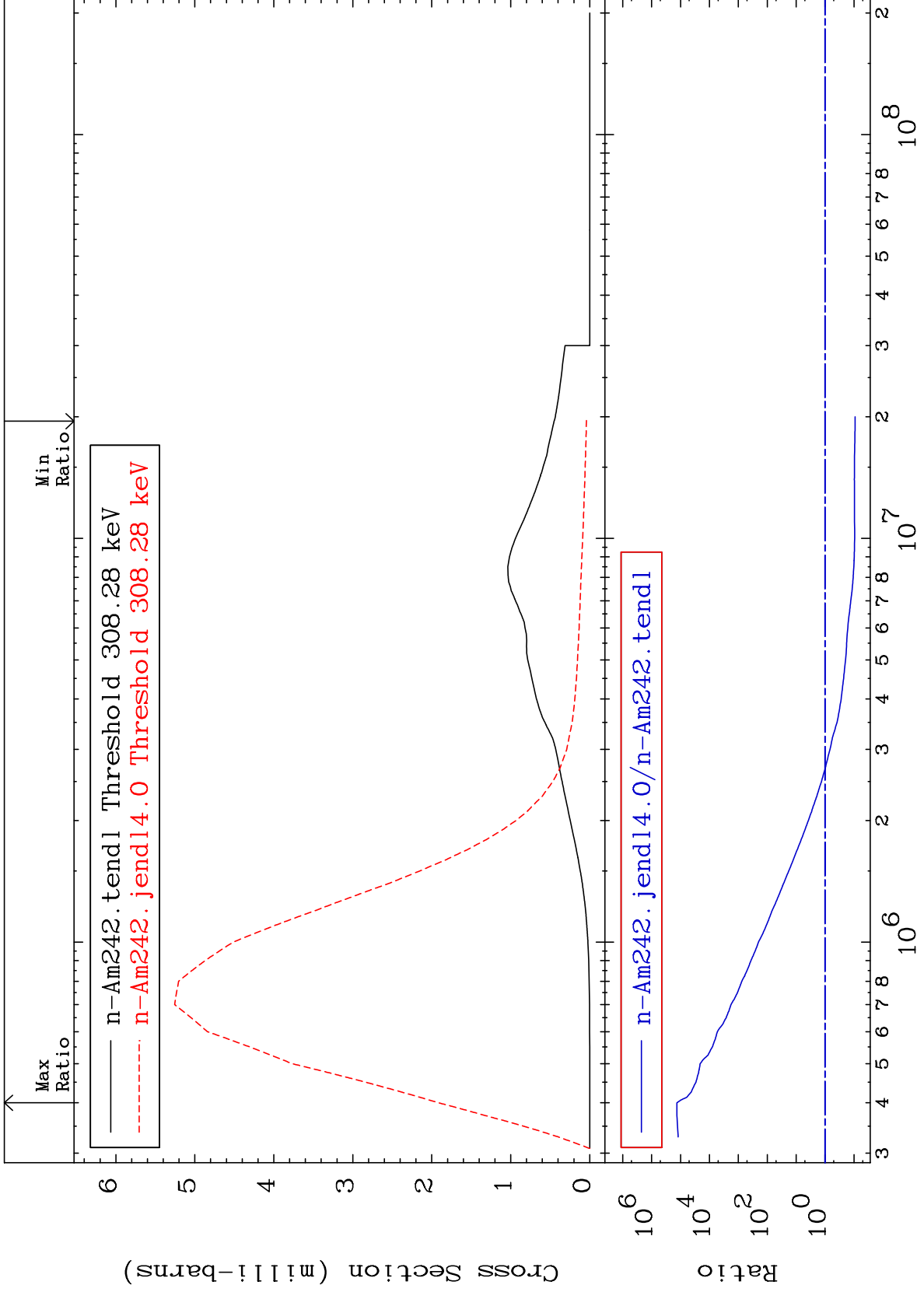
95-Am-242  
-53.15 To 9999. %



MAT 9546

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

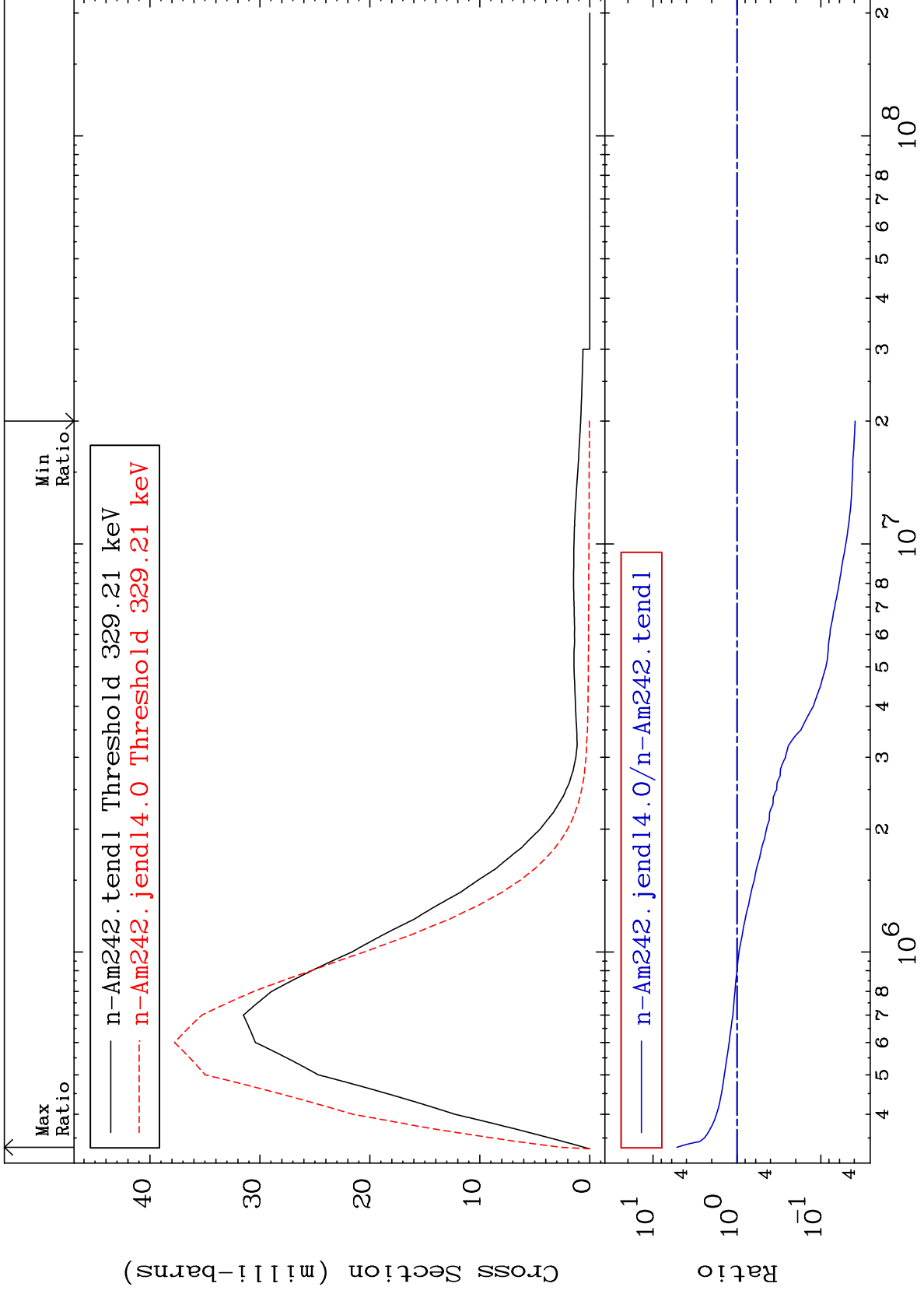
95-Am-242  
-90.83 To 9999. %



MAT 9546

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

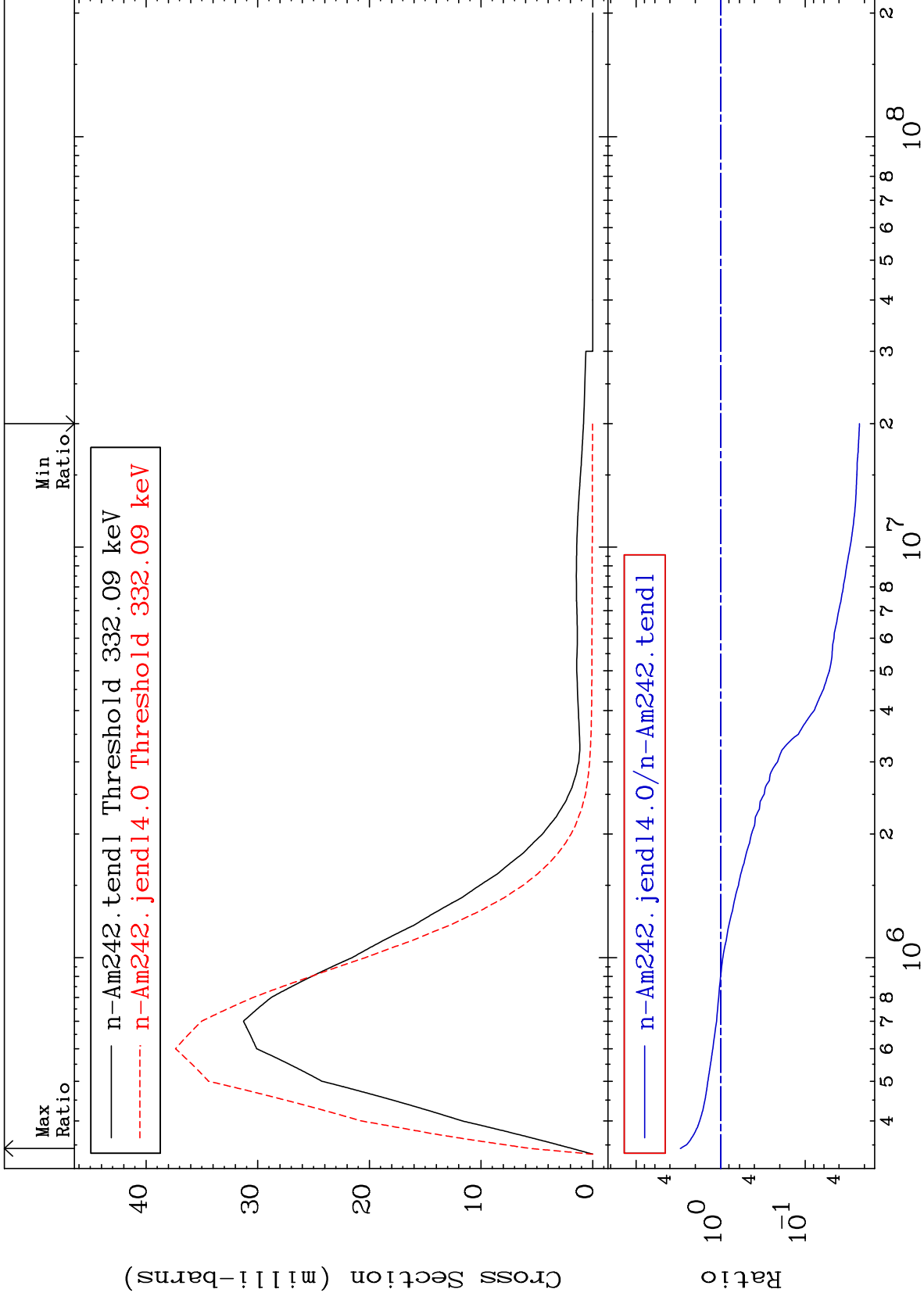
95-Am-242  
-96.09 To 420.3 %



MAT 9546

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

95-Am-242  
-97.71 To 200.1 %

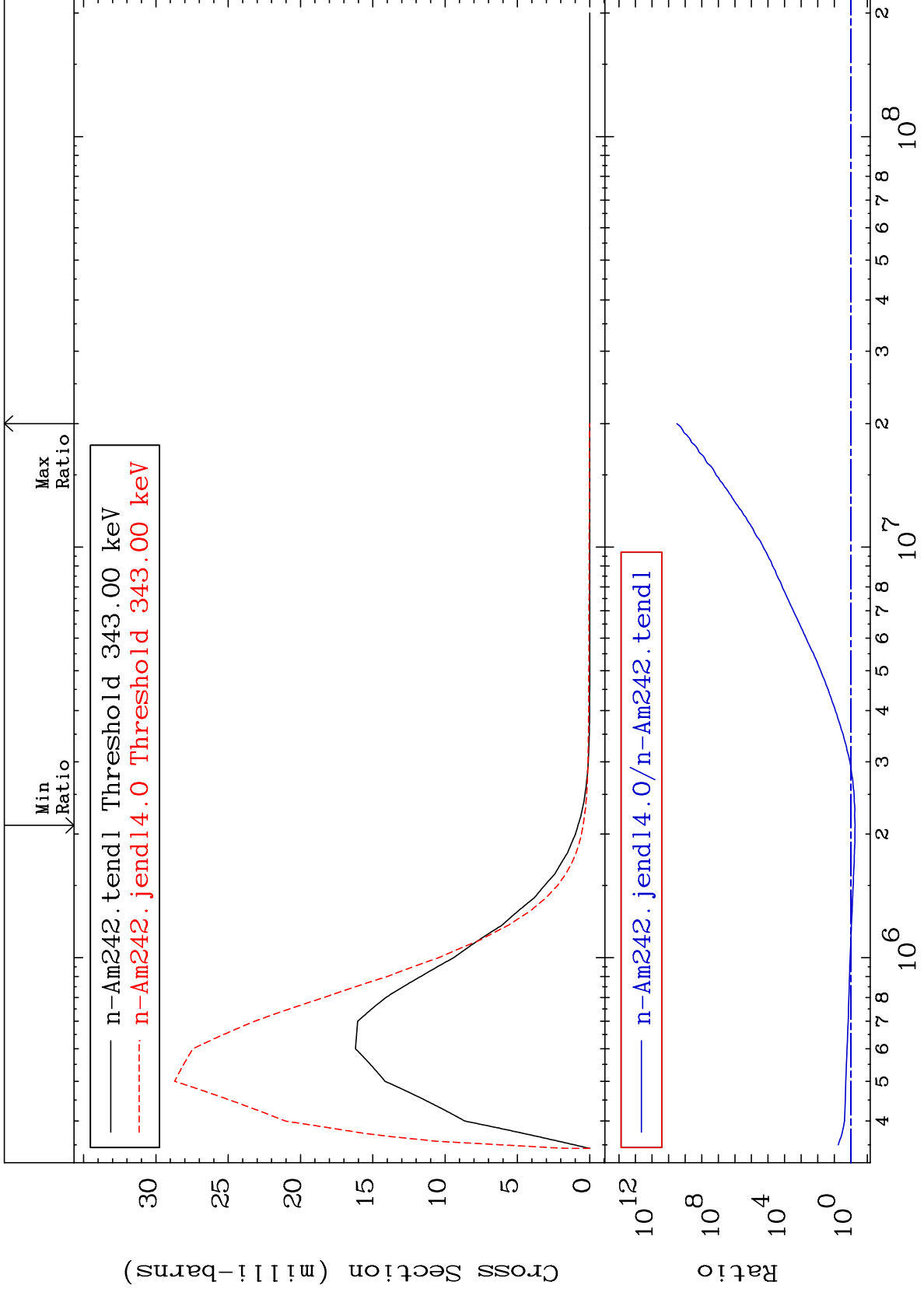




MAT 9546

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

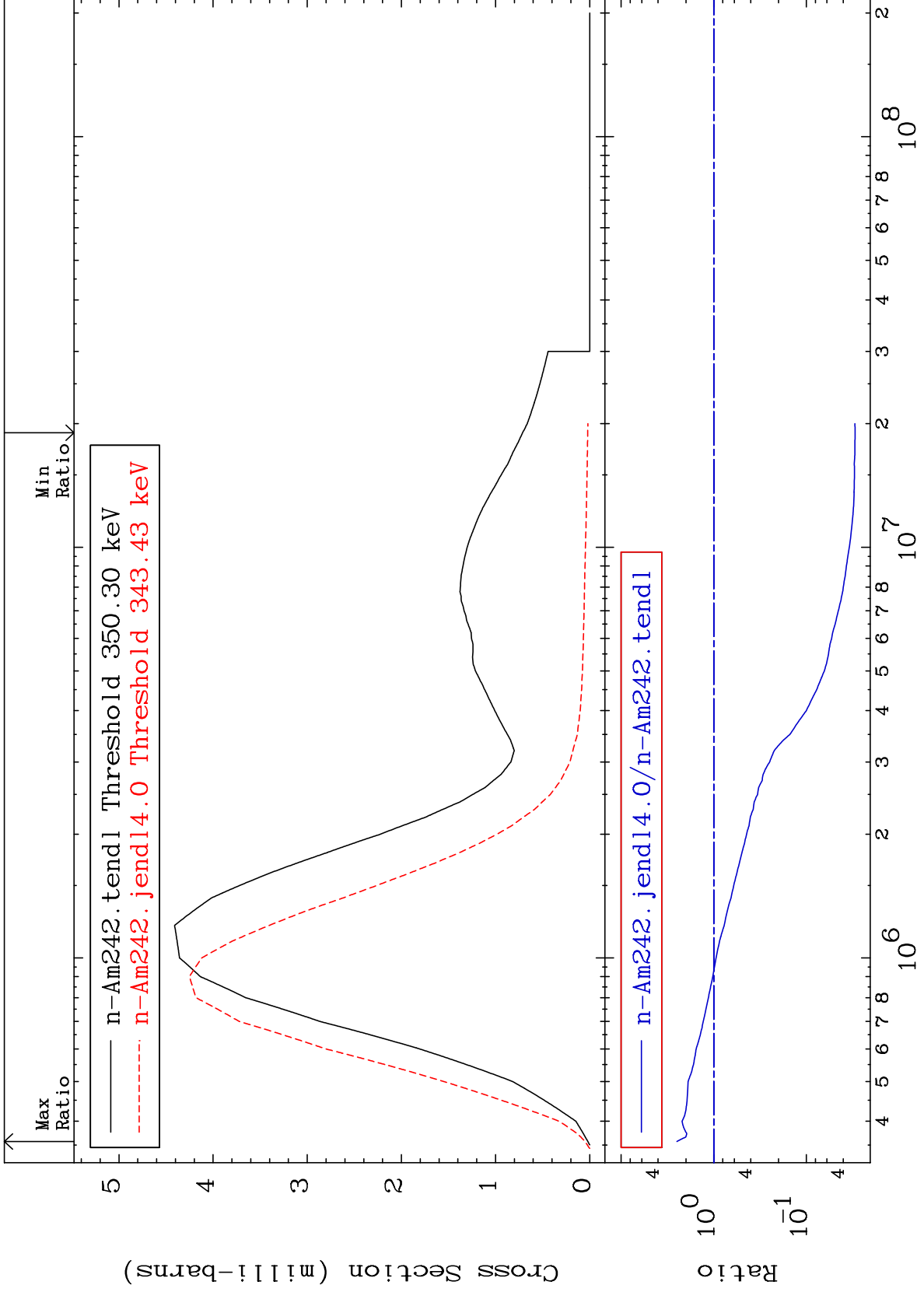
95-Am-242  
-44.48 To 9999. %



MAT 9546

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

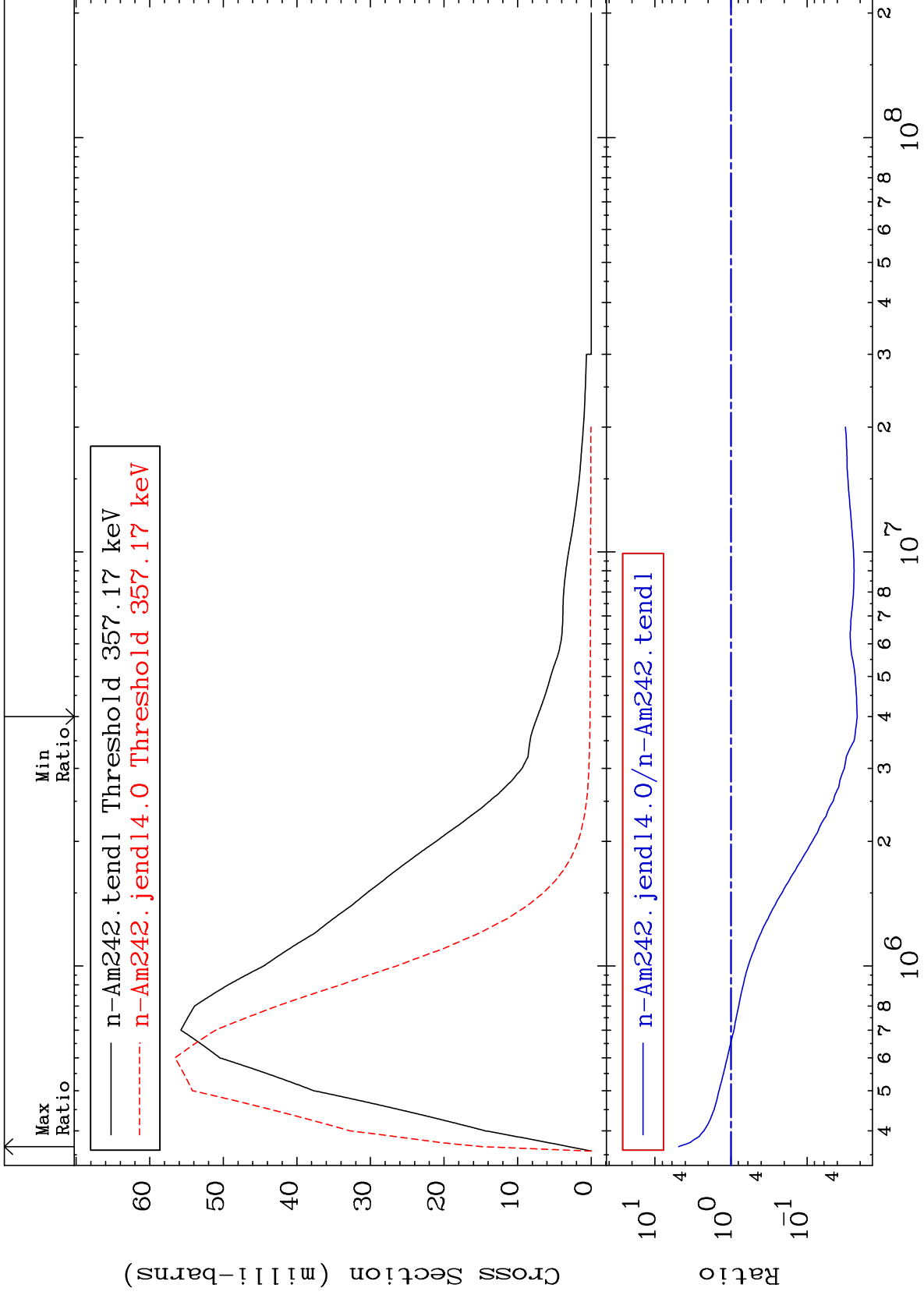
95-Am-242  
-97.02 To 150.0 %



MAT 9546

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

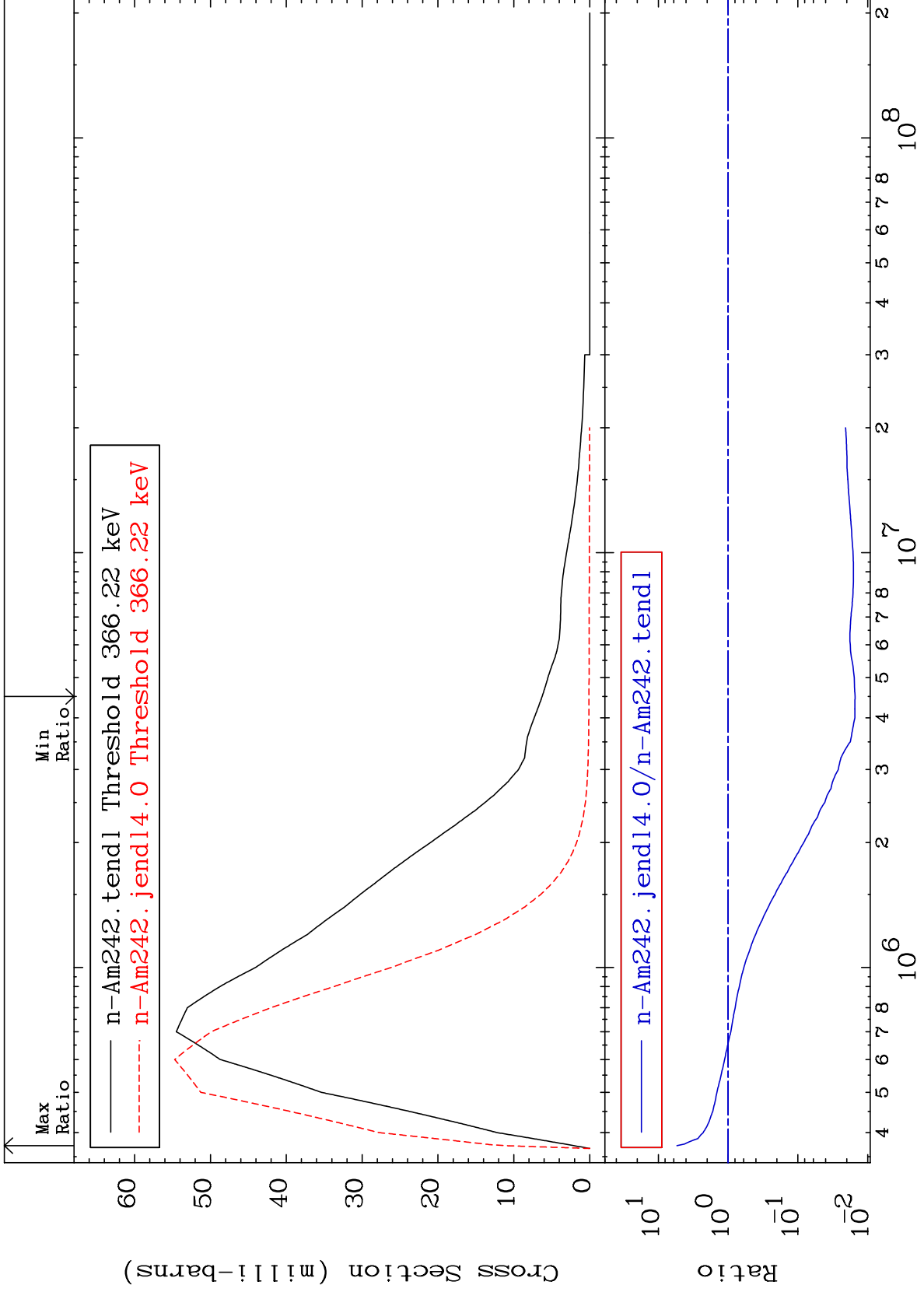
95-Am-242  
-97.81 To 388.3 %



MAT 9546

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

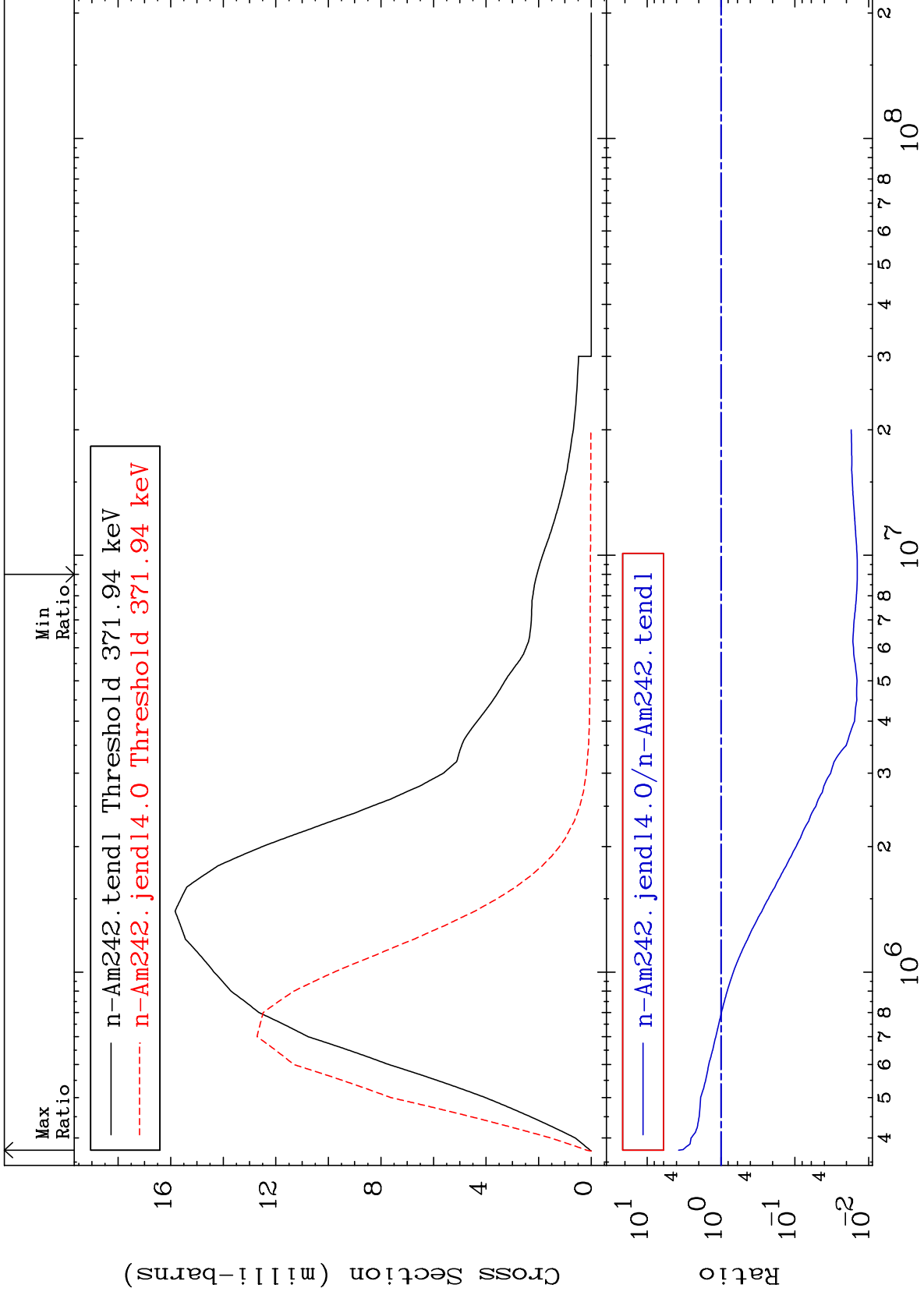
95-Am-242  
-98.48 To 441.2 %



MAT 9546

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

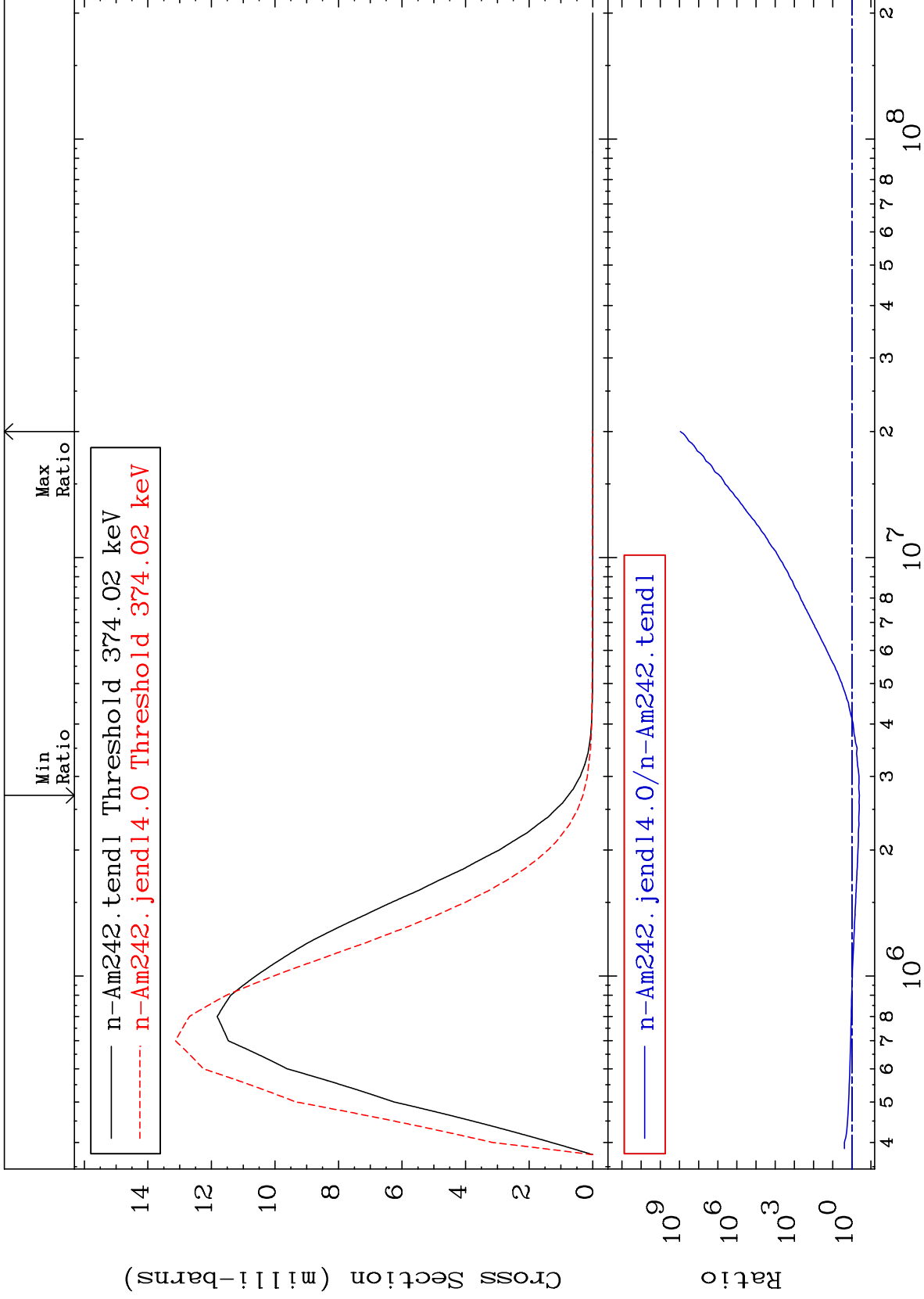
95-Am-242  
-98.57 To 275.0 %



MAT 9546

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

95-Am-242  
-59.91 To 9999. %



40

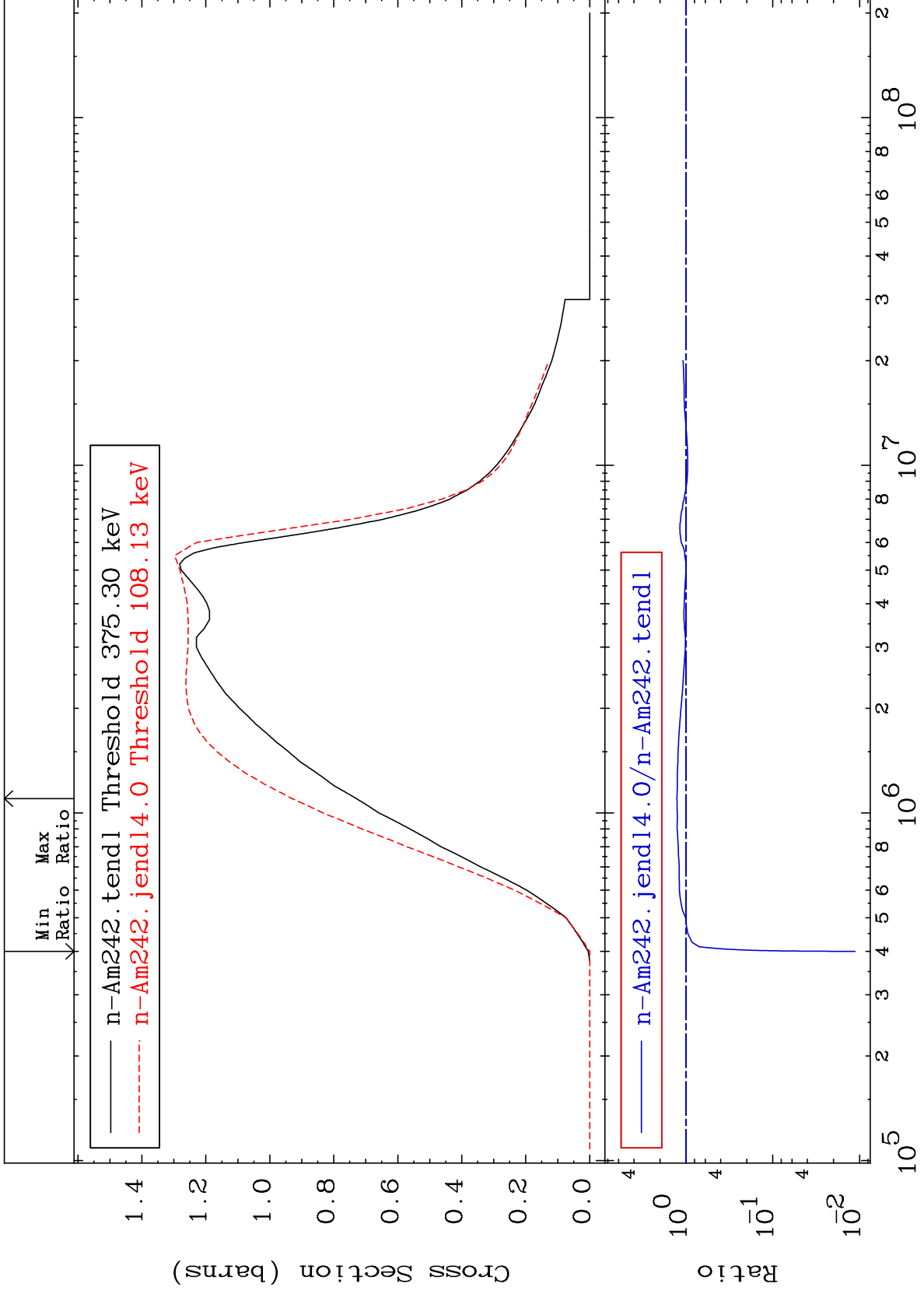
Incident Energy (eV)

95-Am-242

MAT 9546

(n, n') Continuum  
Cross Section

95-Am-242  
-98.87 To 27.54 %



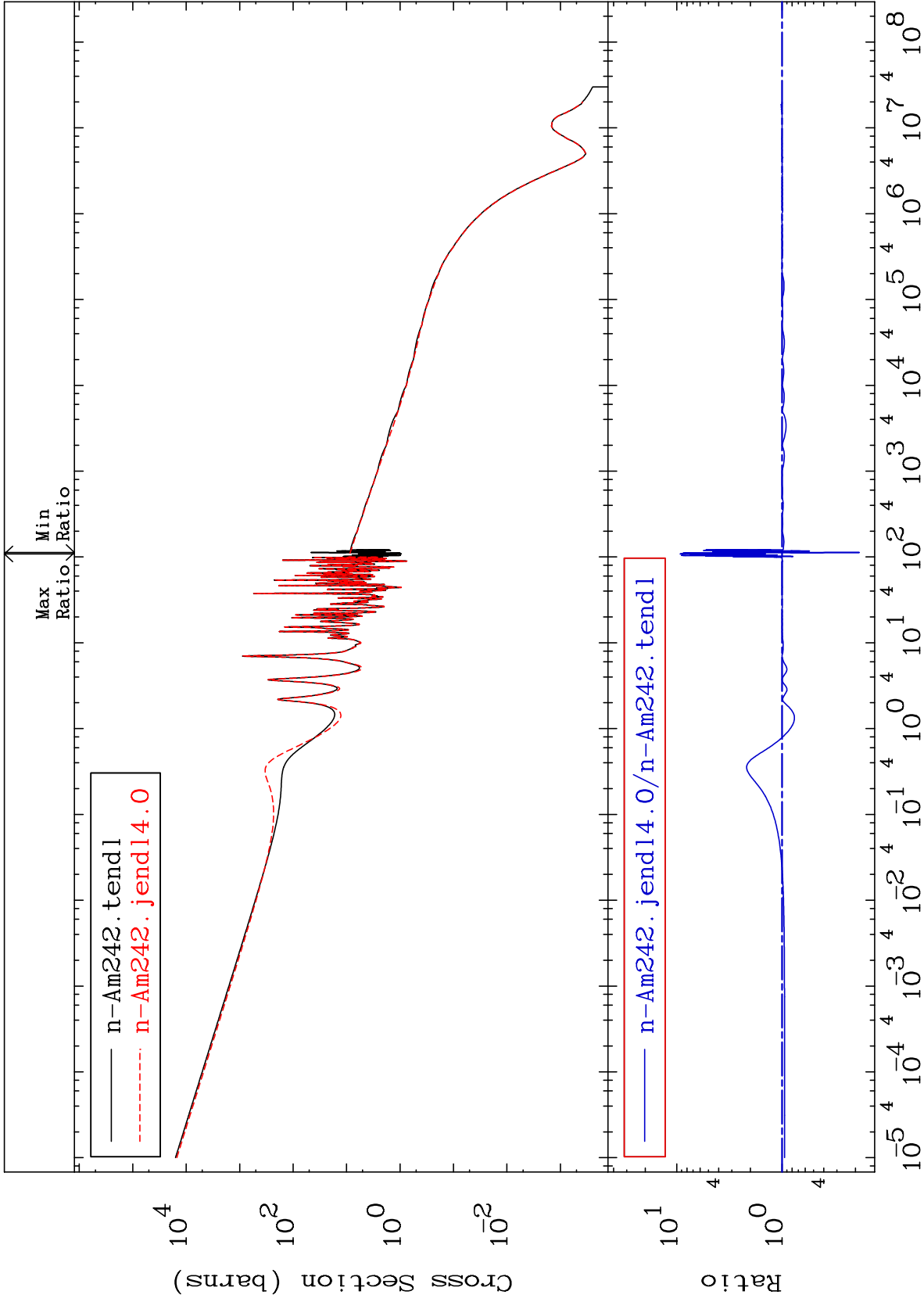
41

Incident Energy (eV)

95-Am-242

MAT 9546

(n,  $\gamma$ ) Cross Section  
95-Am-242  
-81.67 To 825.7 %





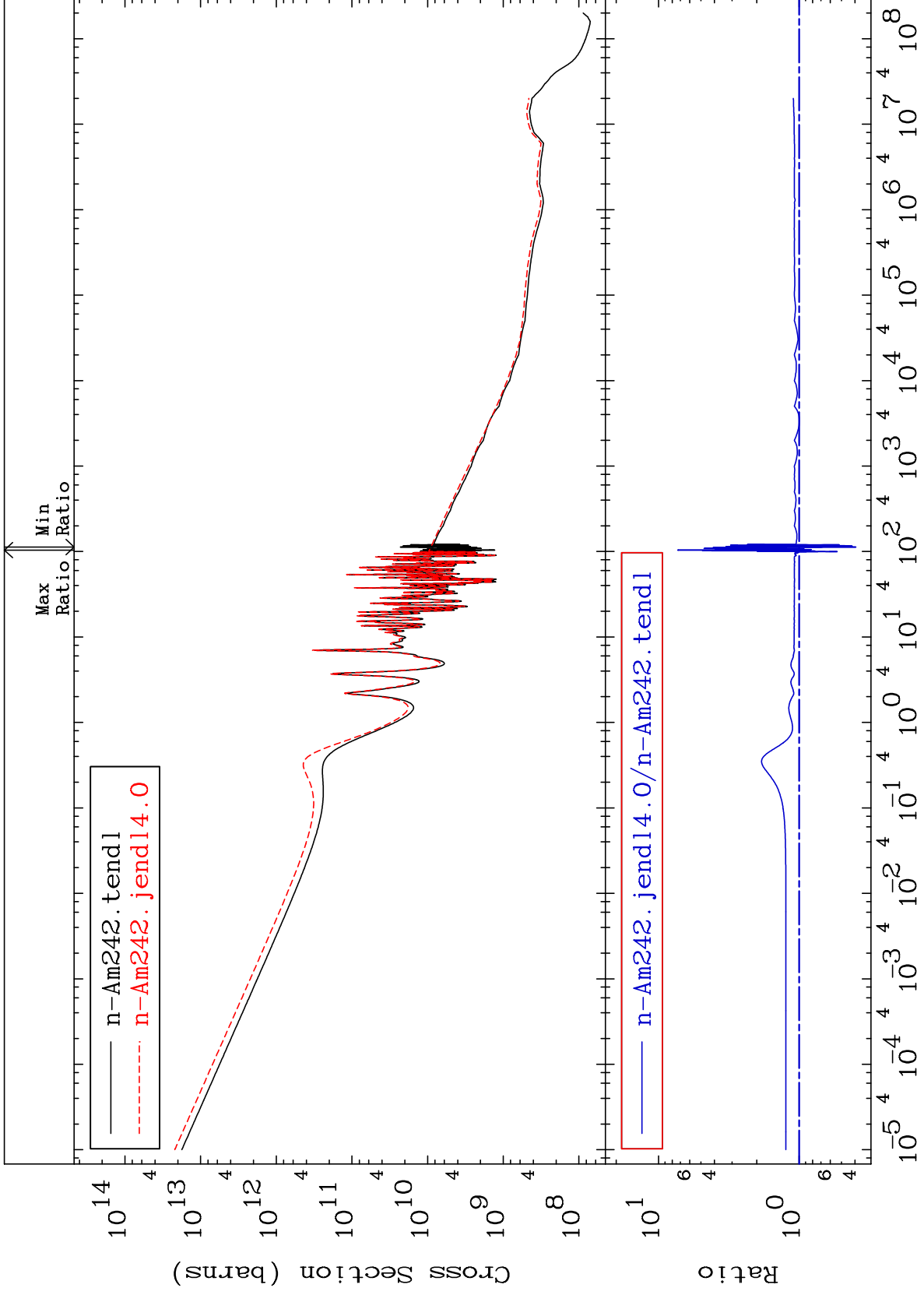
MAT 9546

Kerma total (eV-barns)

95-Am-242

Cross Section

-60.52 To 633.2 %



43

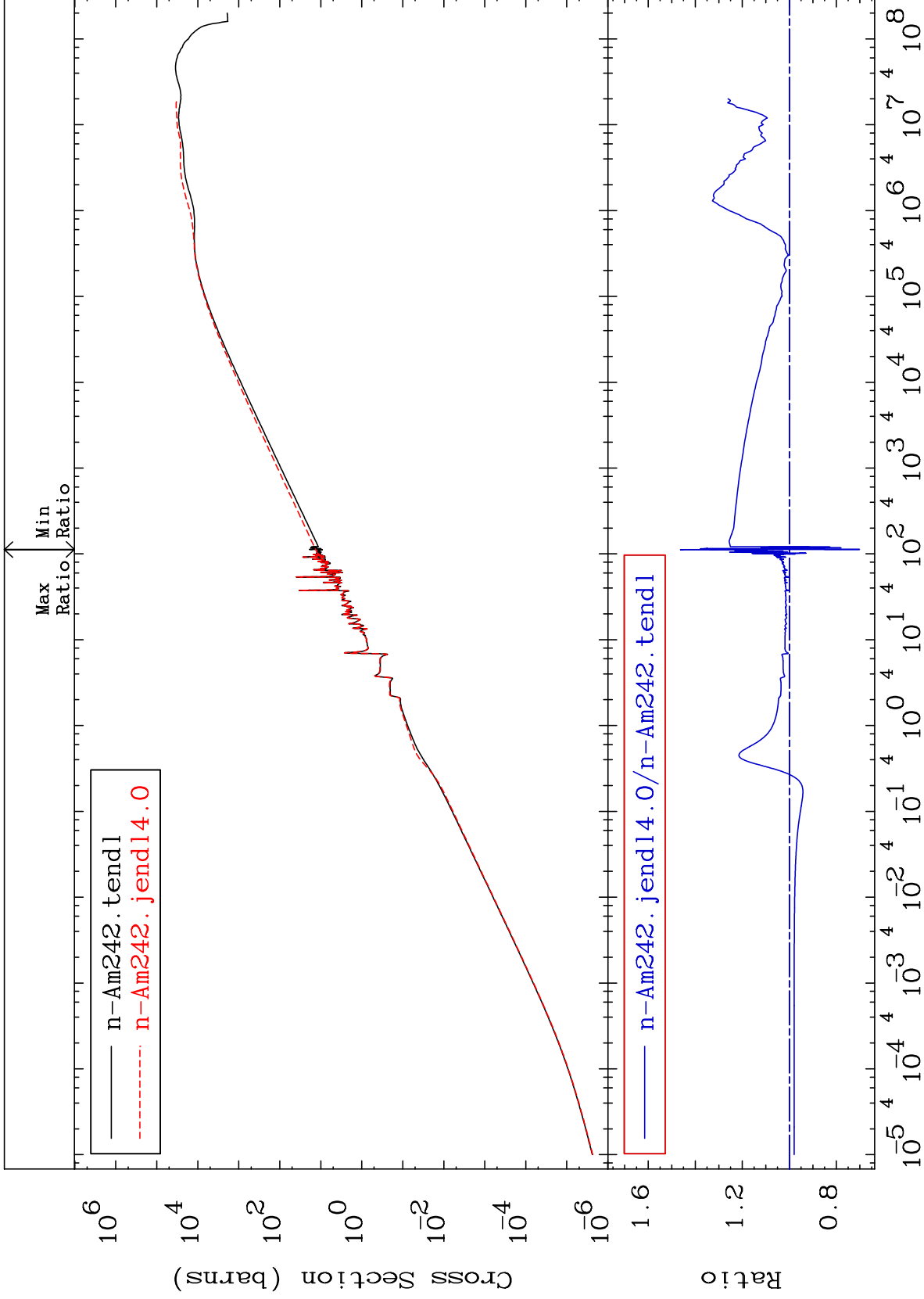
Incident Energy (eV)

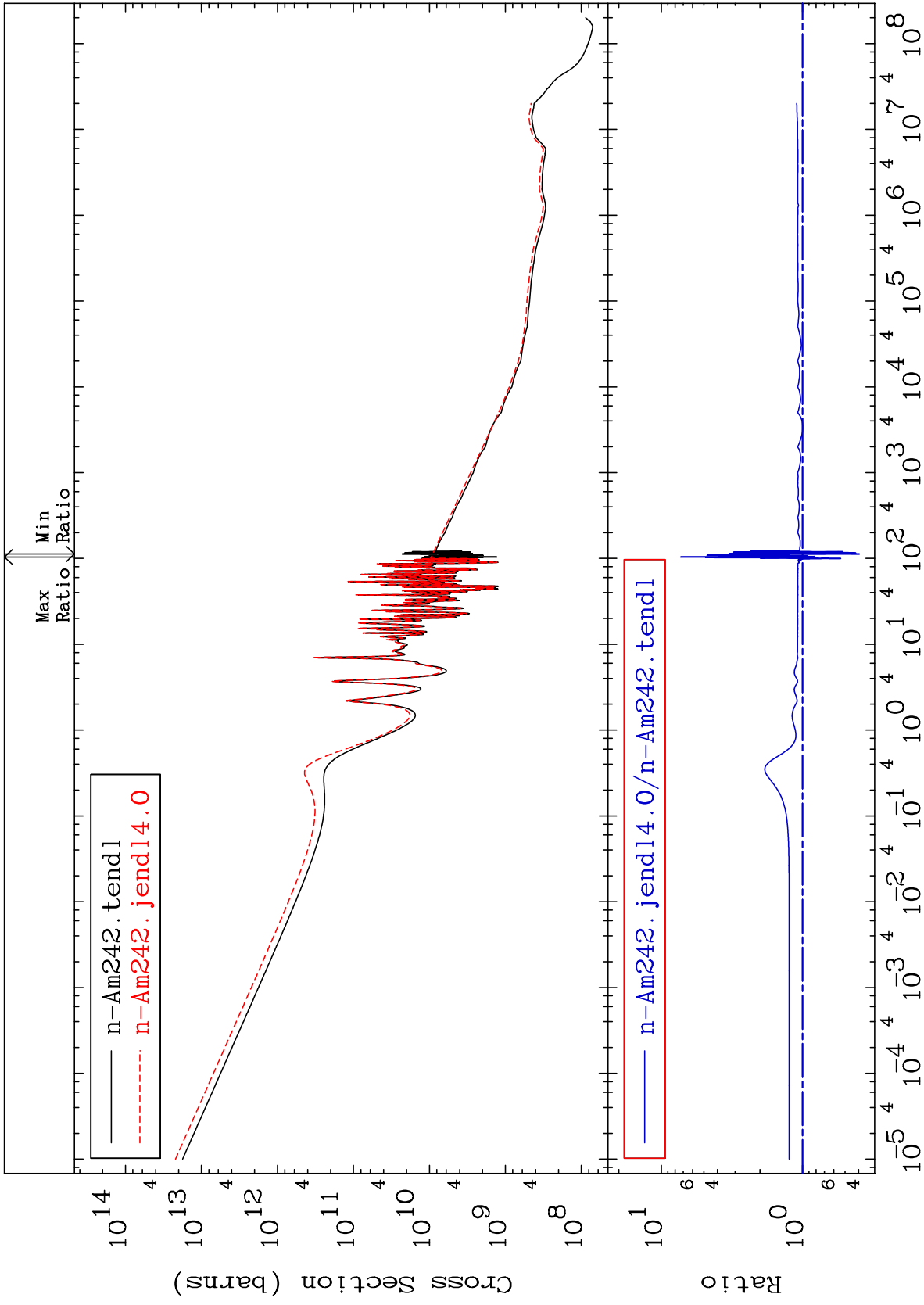
95-Am-242

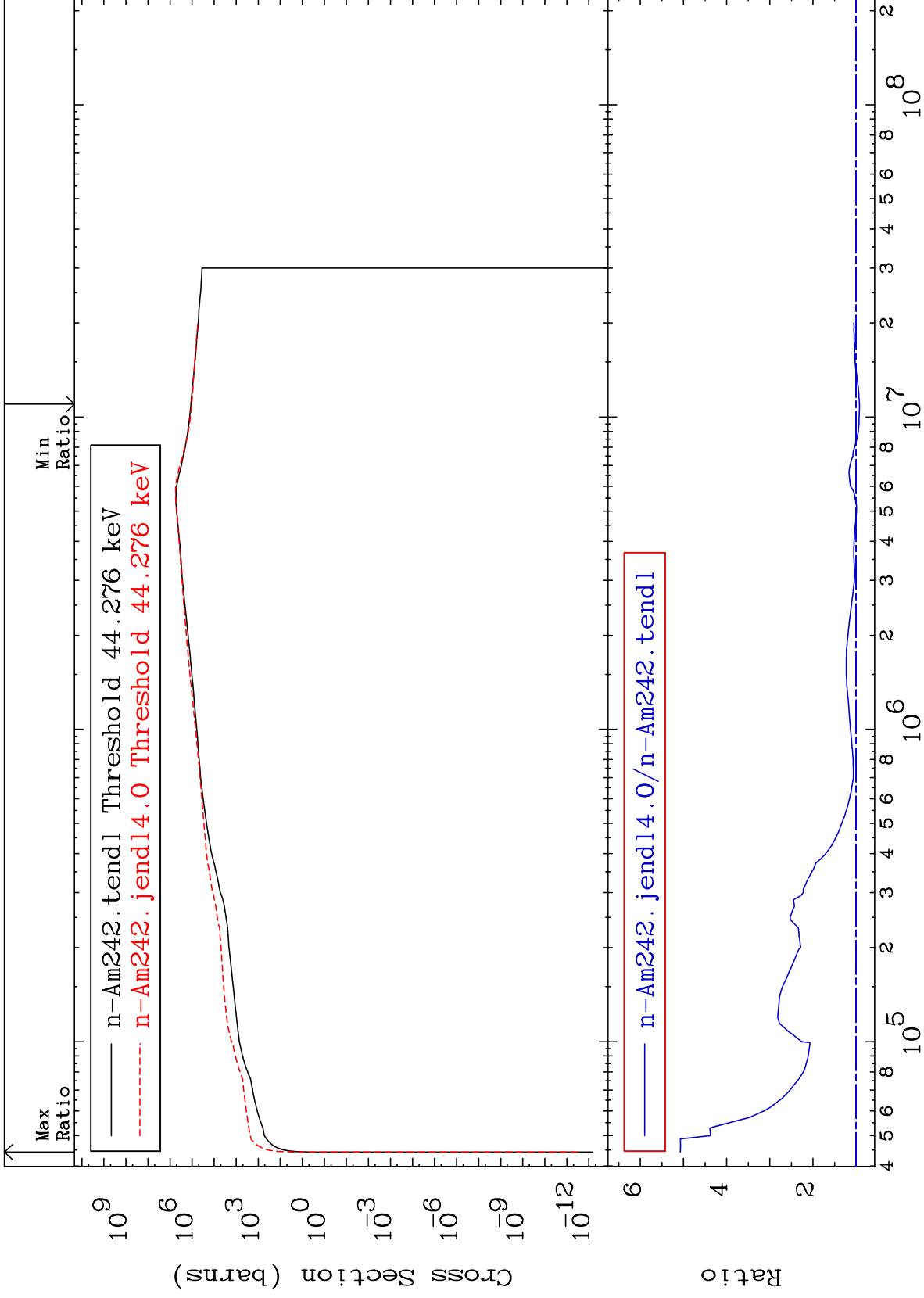
MAT 9546

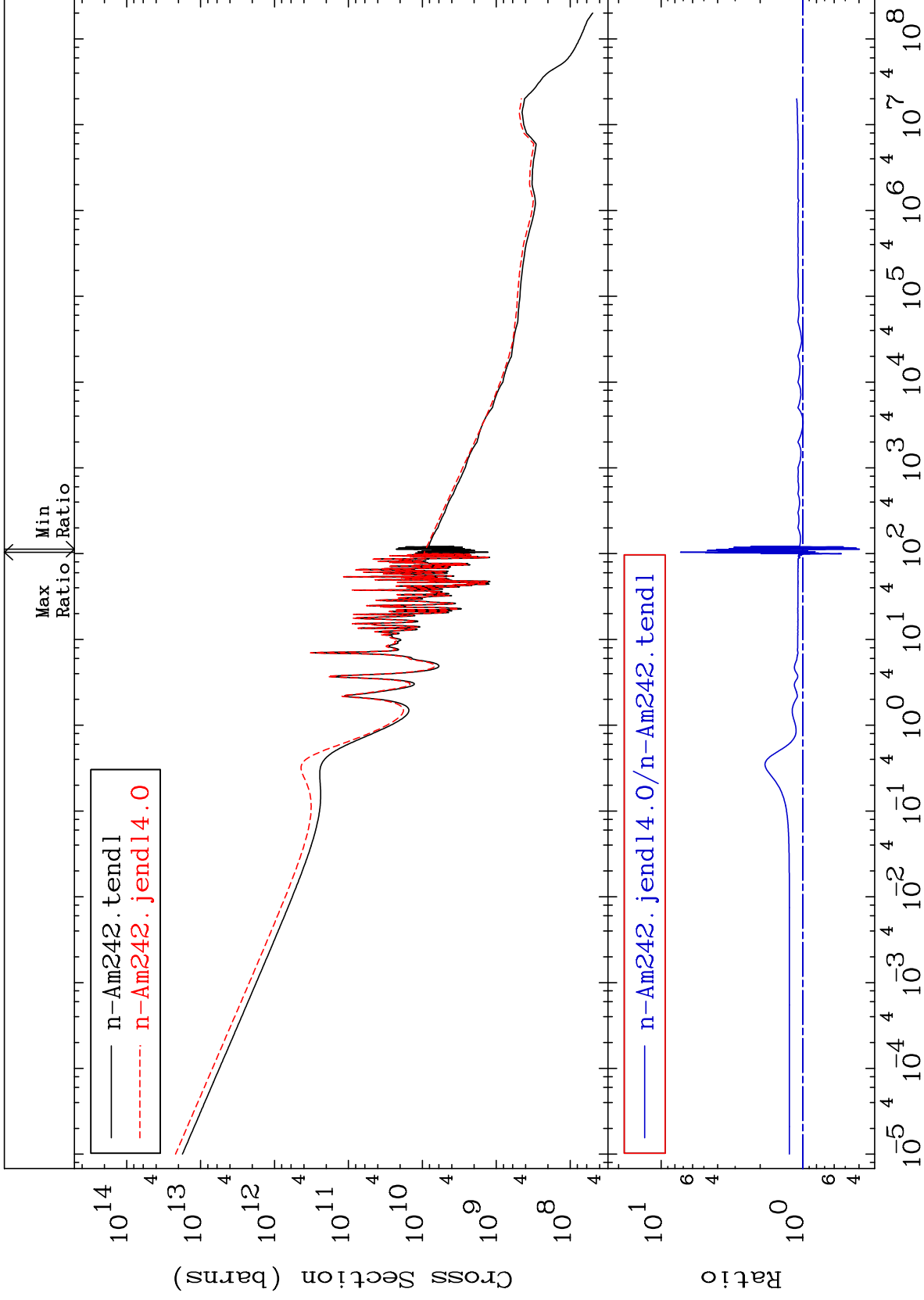
Kerma elastic  
Cross Section

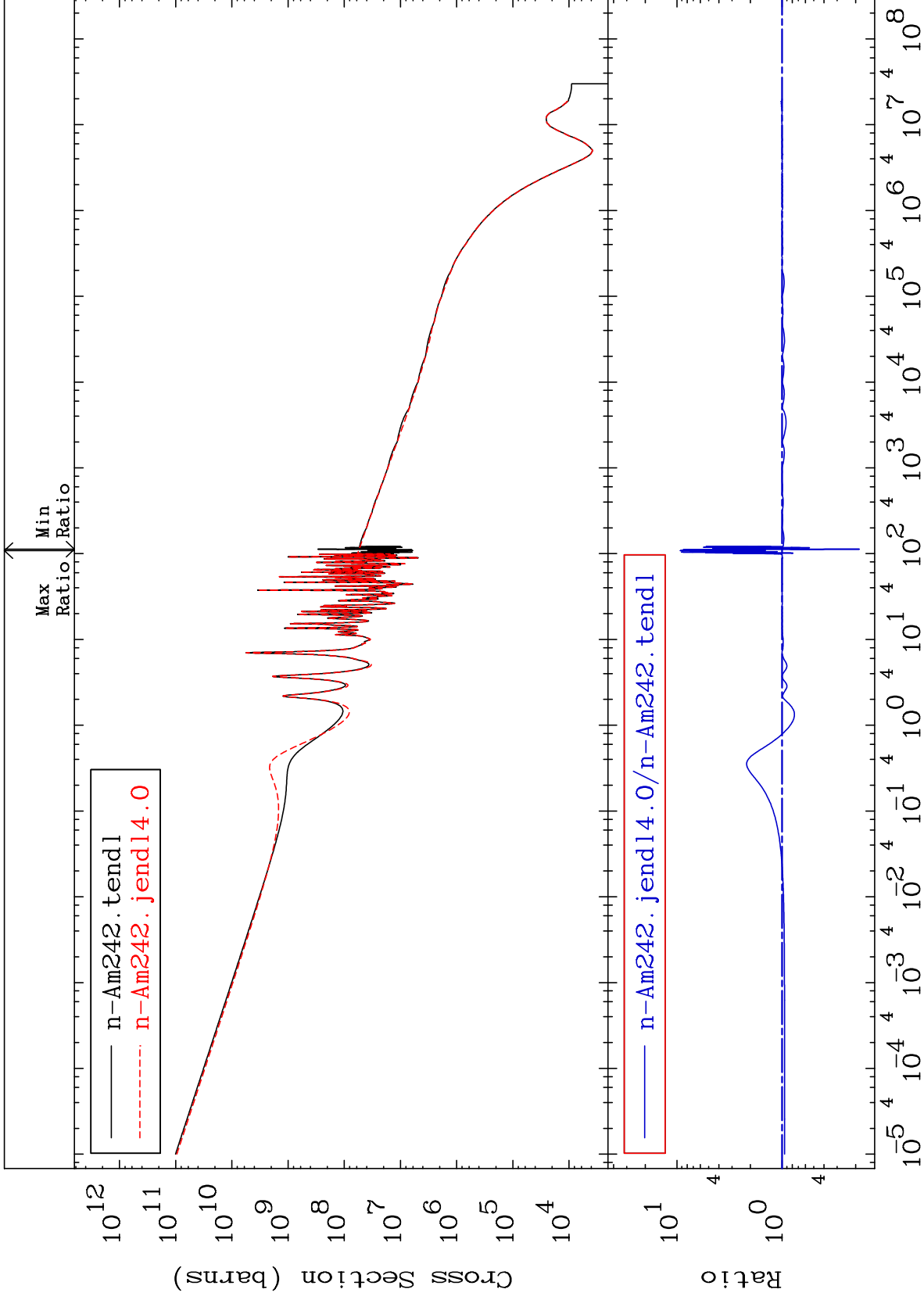
95-Am-242  
-29.80 To 46.34 %











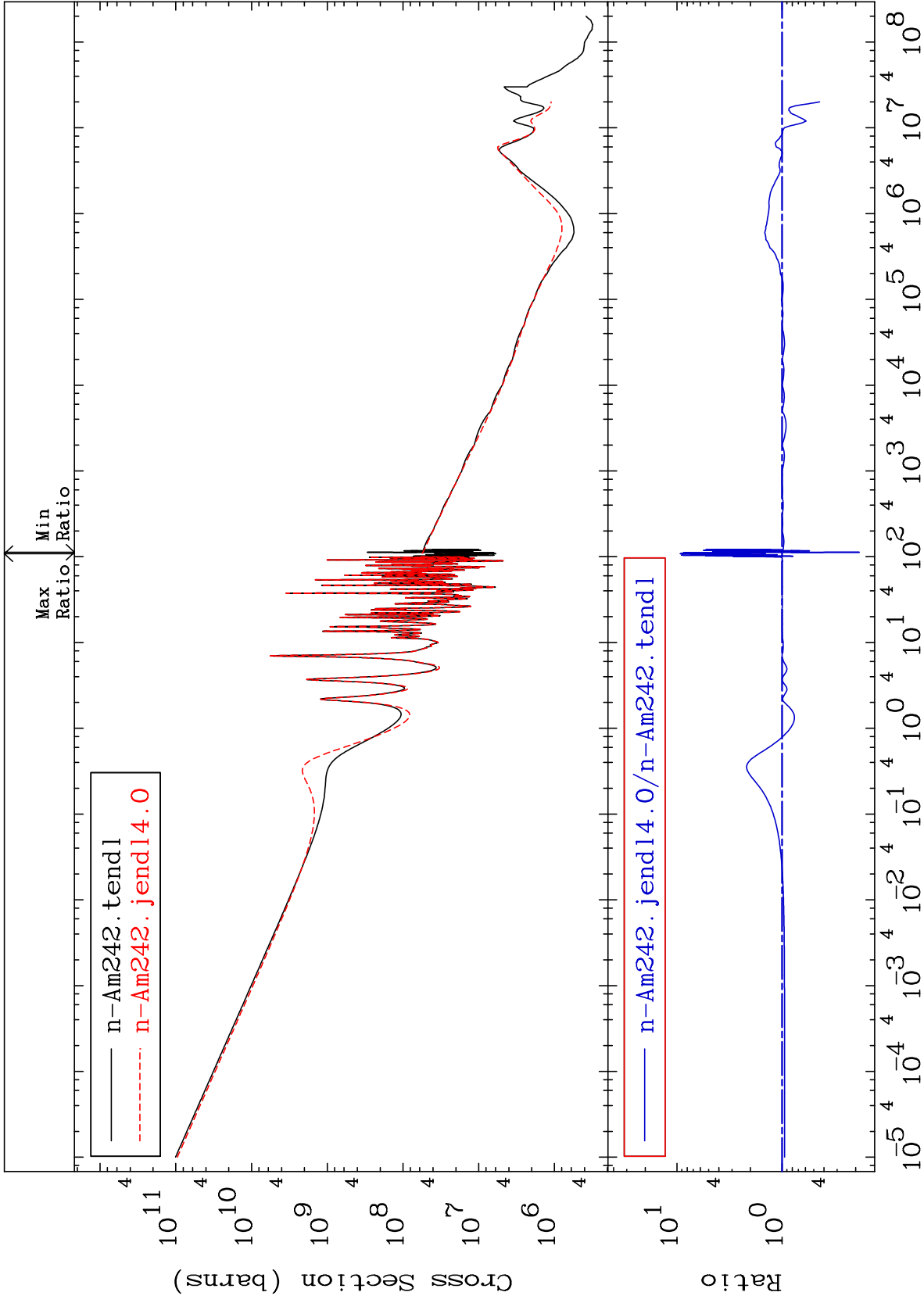
MAT 9546

Total photon (eV-barns)

95-Am-242

Cross Section

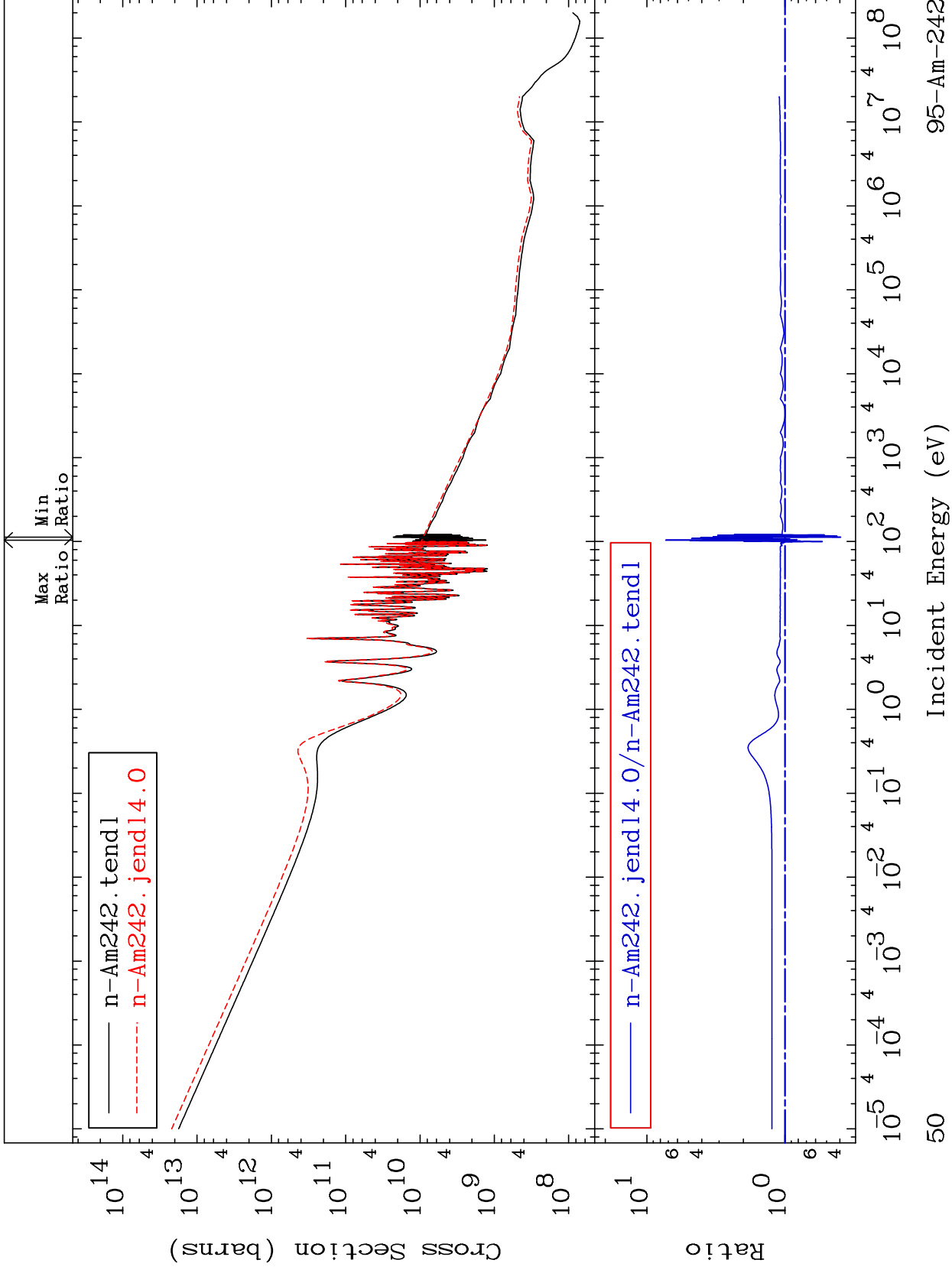
-81.62 To 828.2 %



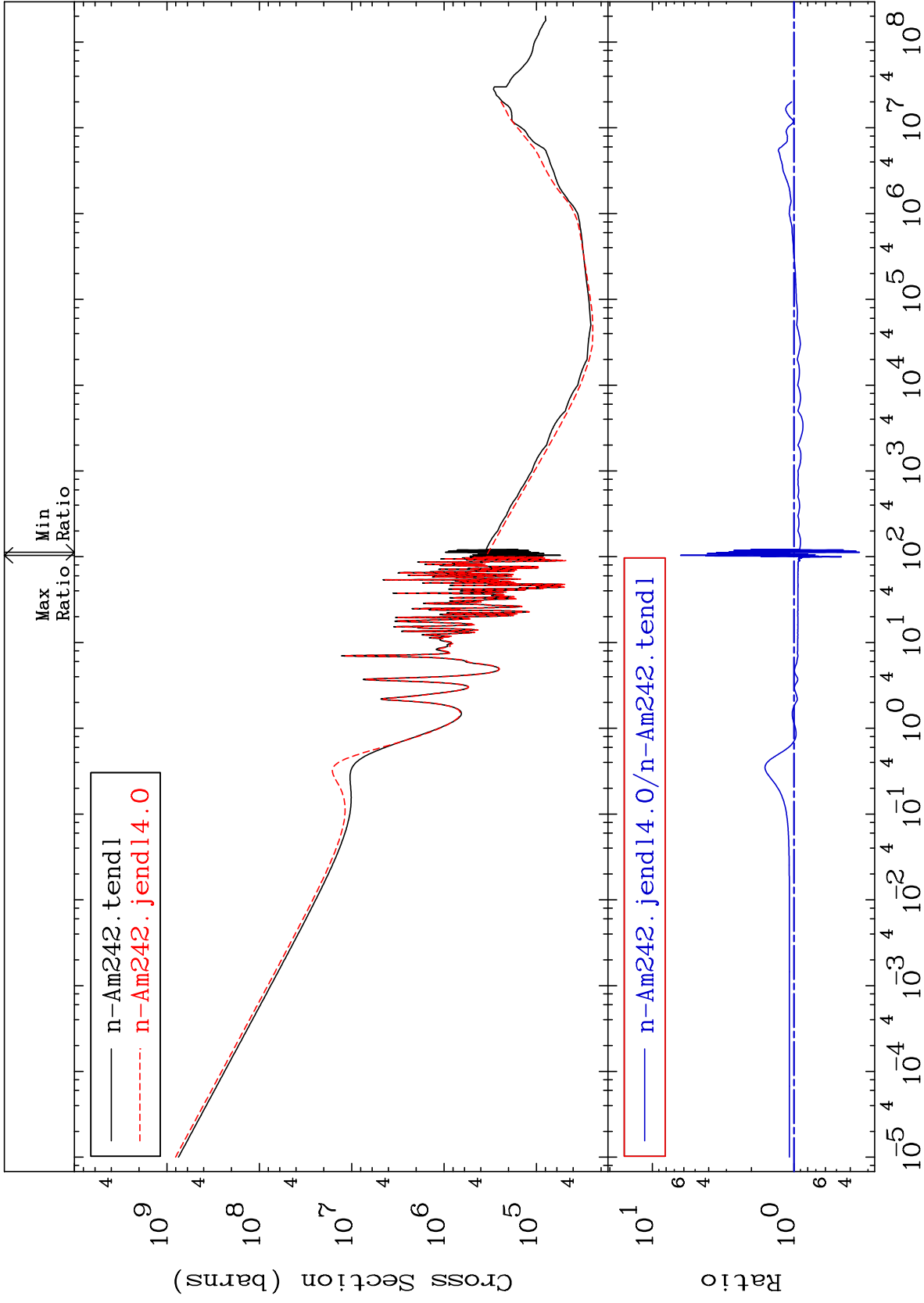
MAT 9546

Total kinematic kerma (high limit)  
Cross Section

95-Am-242  
-60.52 To 633.2 %



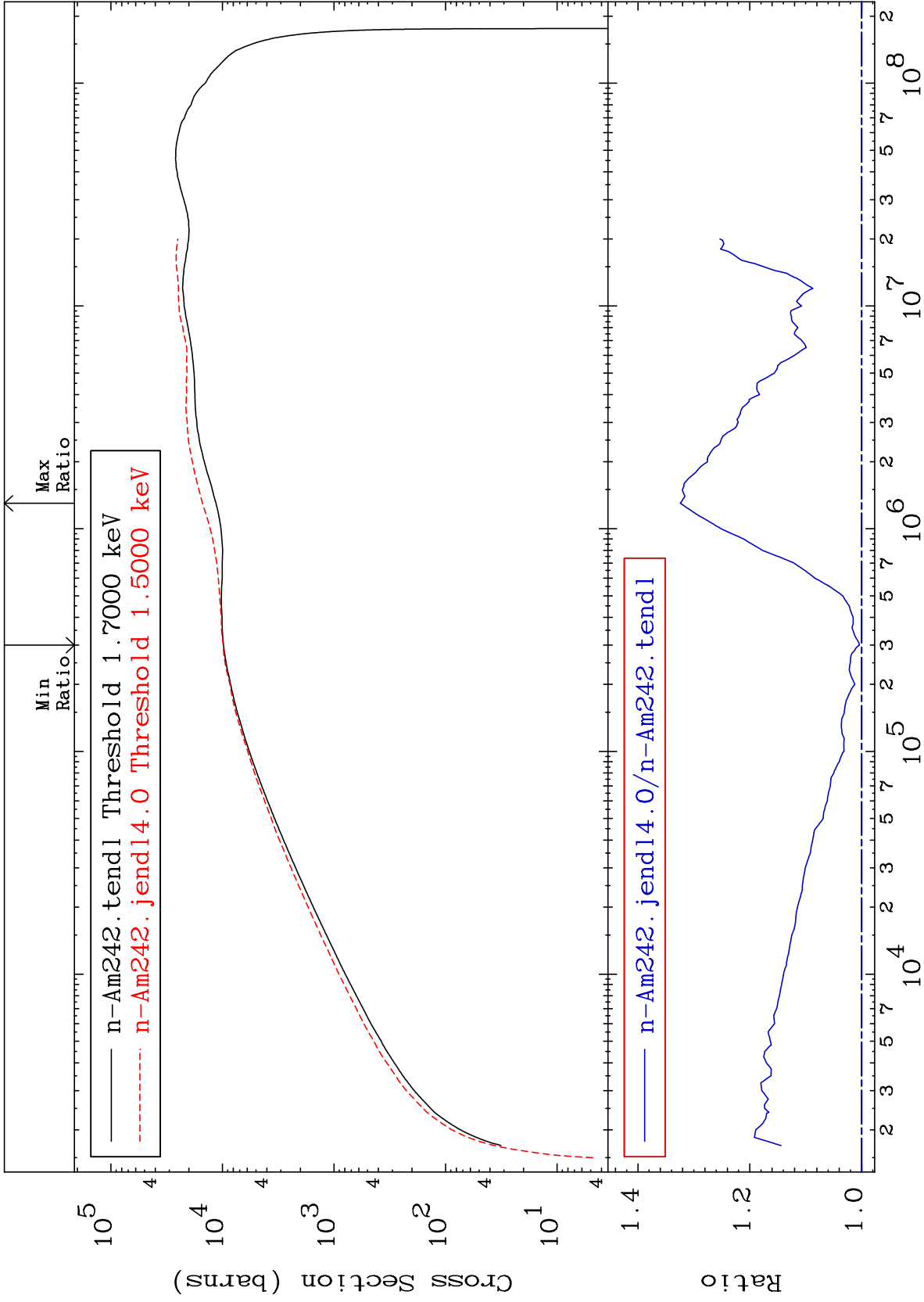




MAT 9546

Dpa elastic (mt2)  
Cross Section

95-Am-242  
0.396 To 32.41 %



MAT 9546

Dpa inelastic (mt51-91)  
Cross Section

95-Am-242  
-99.99 To 408.9 %

