

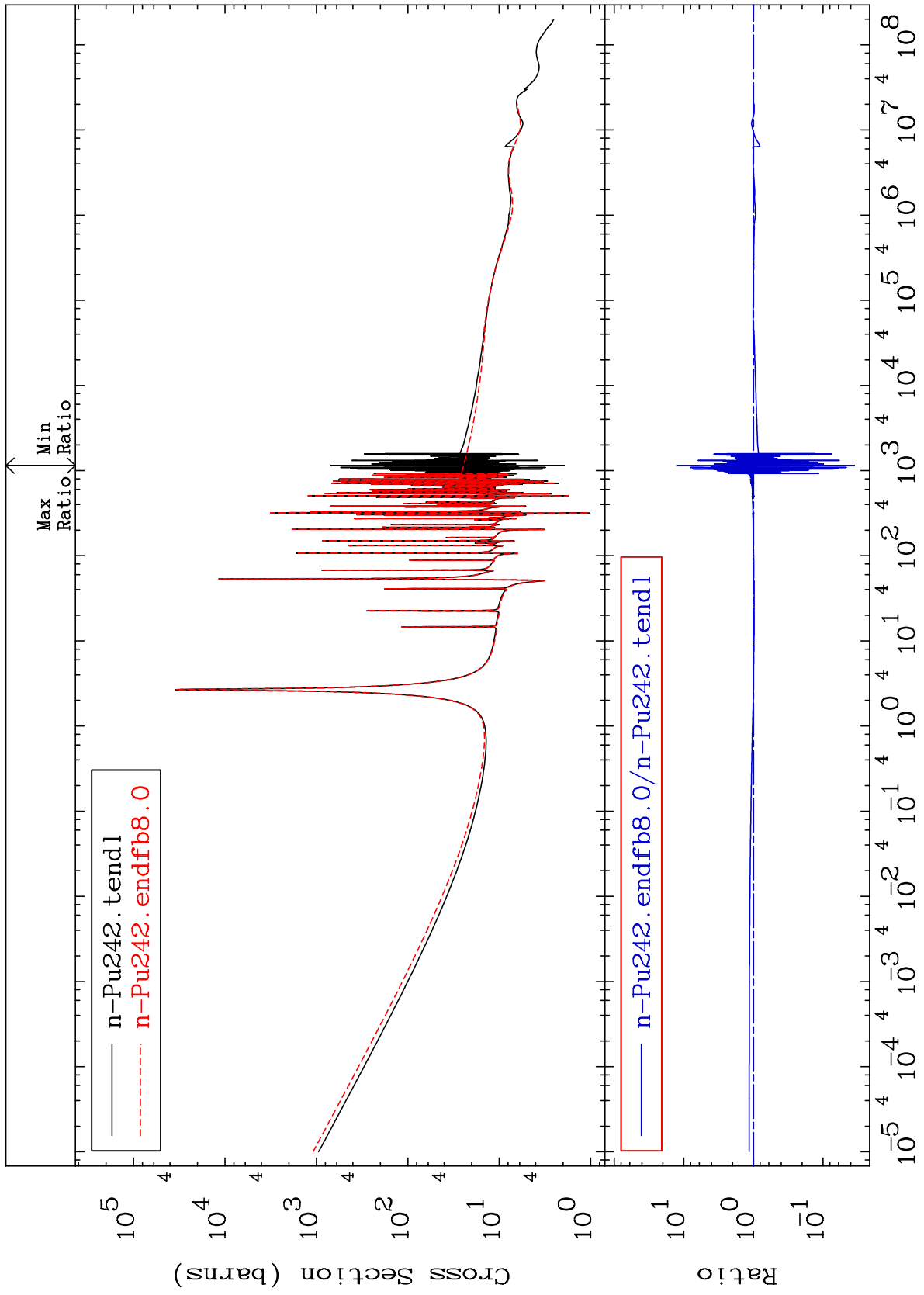
MAT 9446

Total

94-Pu-242

Cross Section

-96.46 To 1163. %



Incident Energy (eV)

94-Pu-242

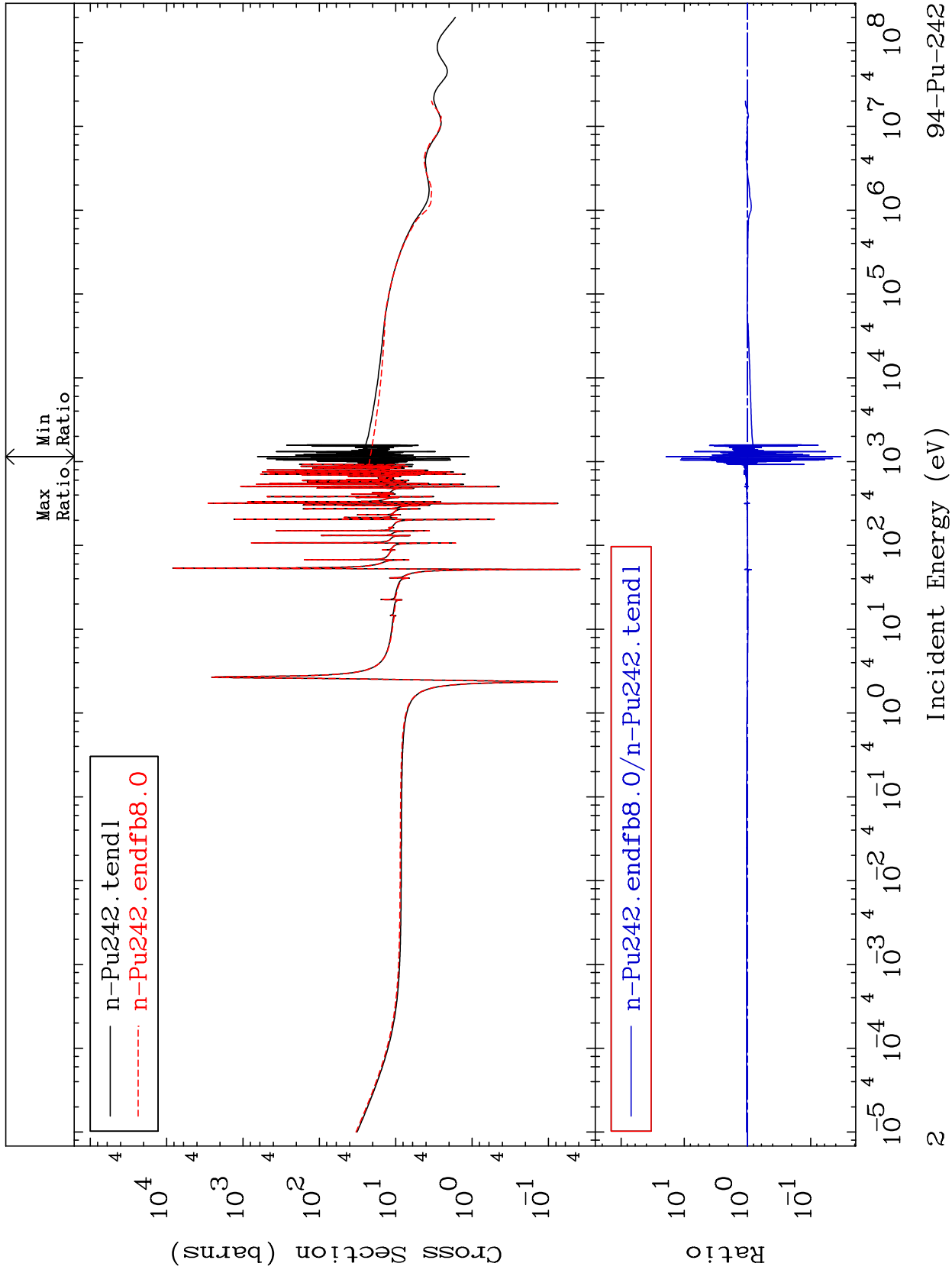
MAT 9446

Elastic

94-Pu-242

Cross Section

-96.68 To 1851. %



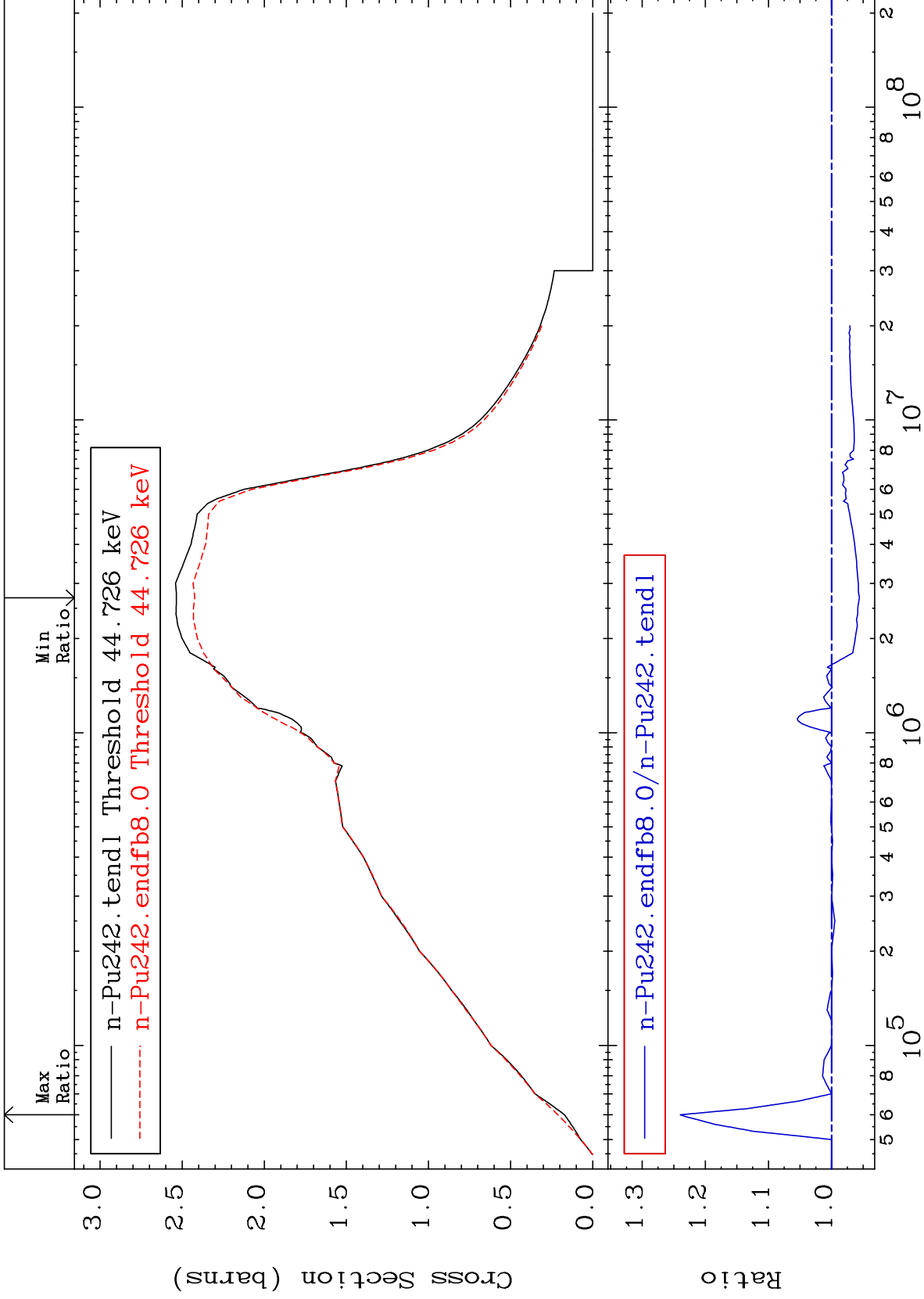
94-Pu-242

Incident Energy (eV)

MAT 9446

Inelastic  
Cross Section

94-Pu-242  
-4.413 To 23.96 %



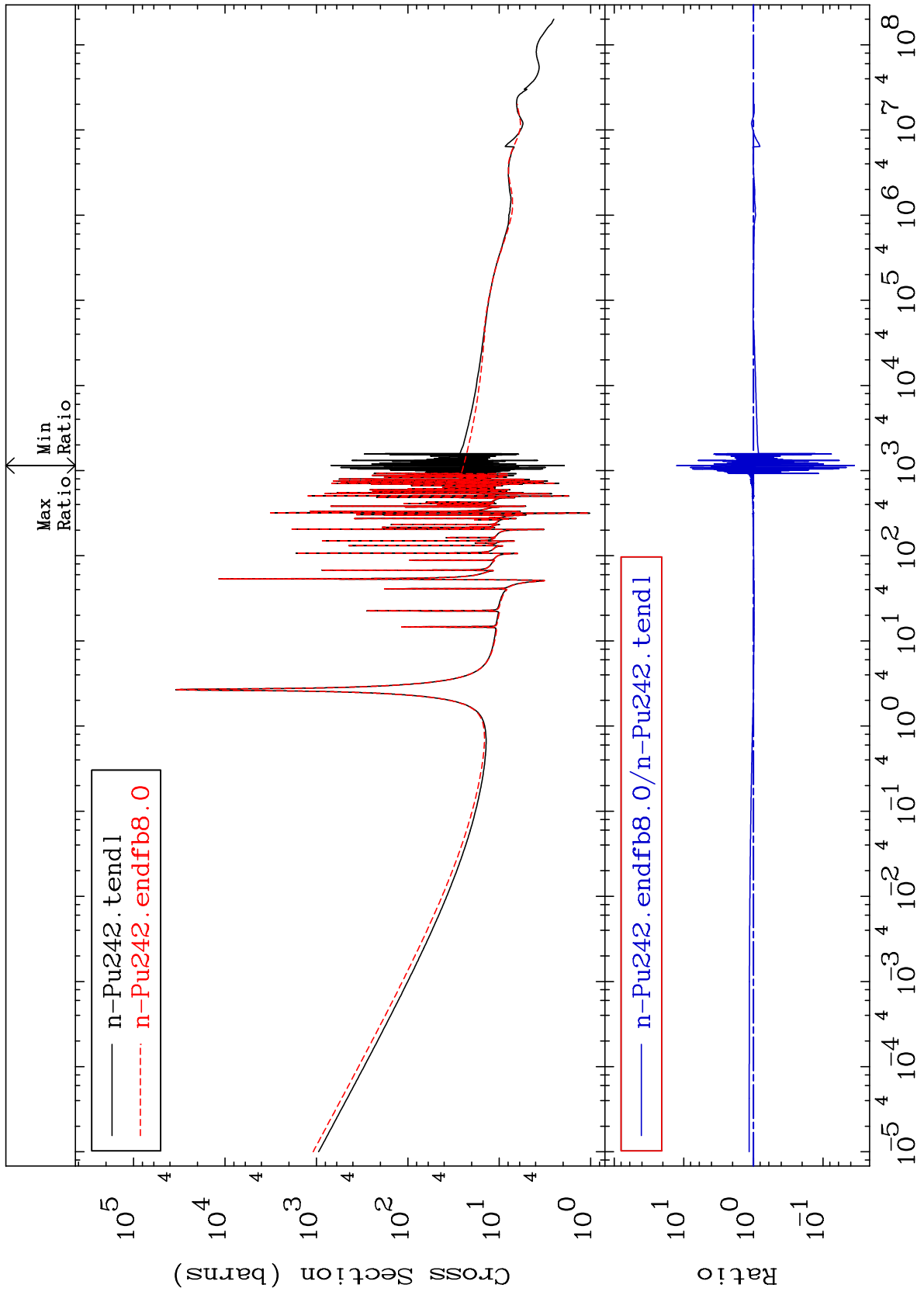
MAT 9446

Total

94-Pu-242

Cross Section

-96.46 To 1163. %



Incident Energy (eV)

94-Pu-242

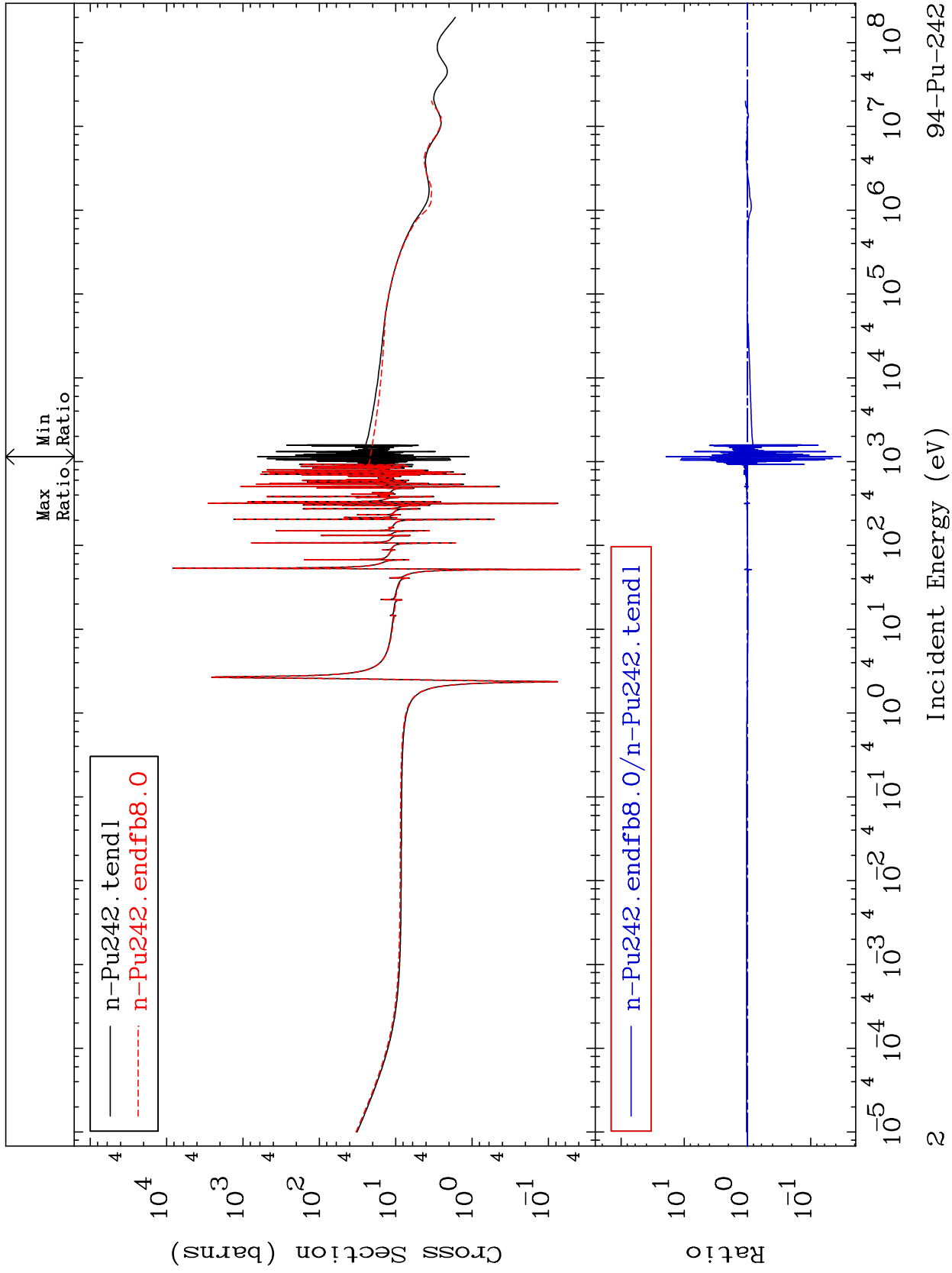
MAT 9446

Elastic

94-Pu-242

Cross Section

-96.68 To 1851. %



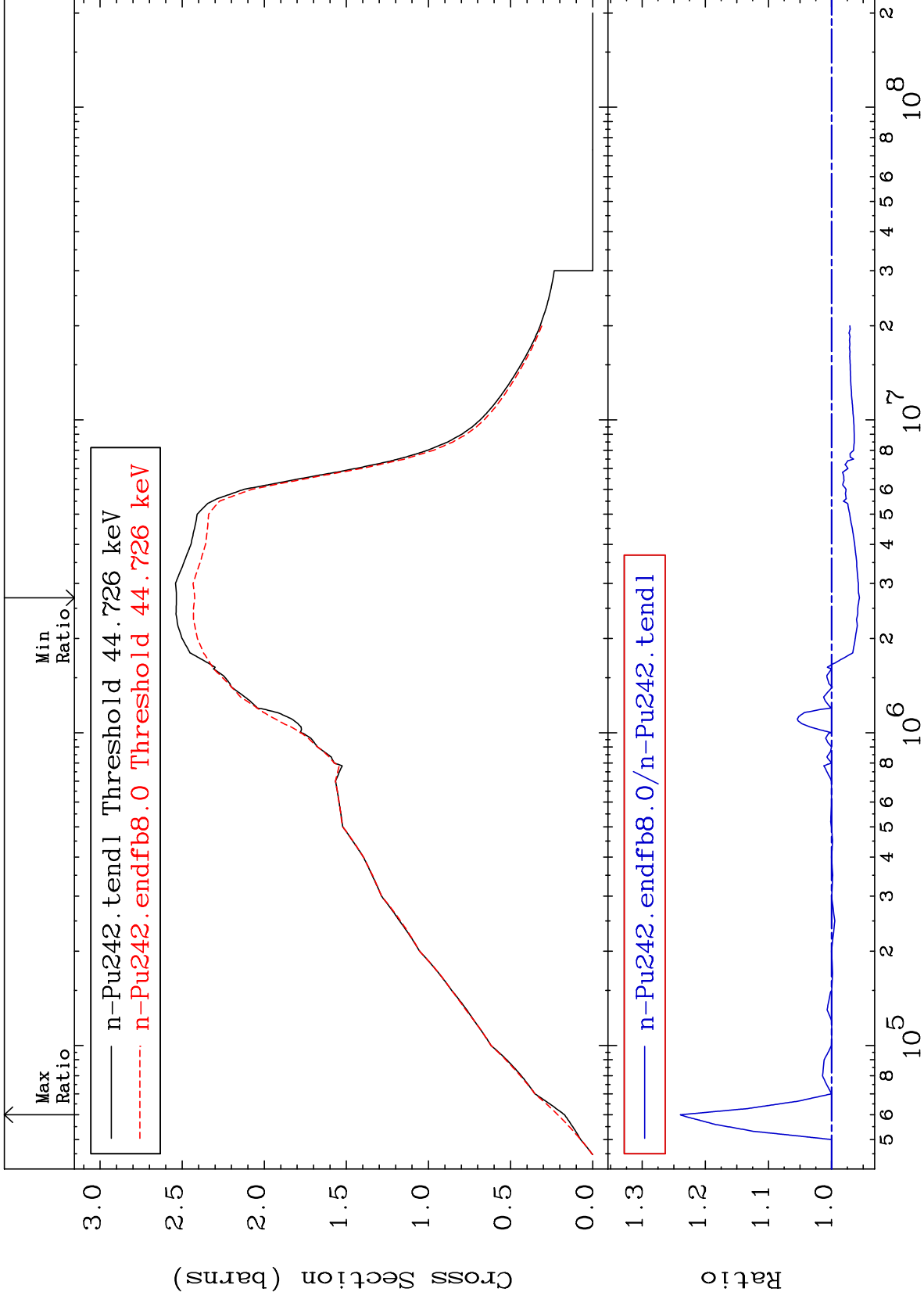
94-Pu-242

Incident Energy (eV)

MAT 9446

Inelastic  
Cross Section

94-Pu-242  
-4.413 To 23.96 %



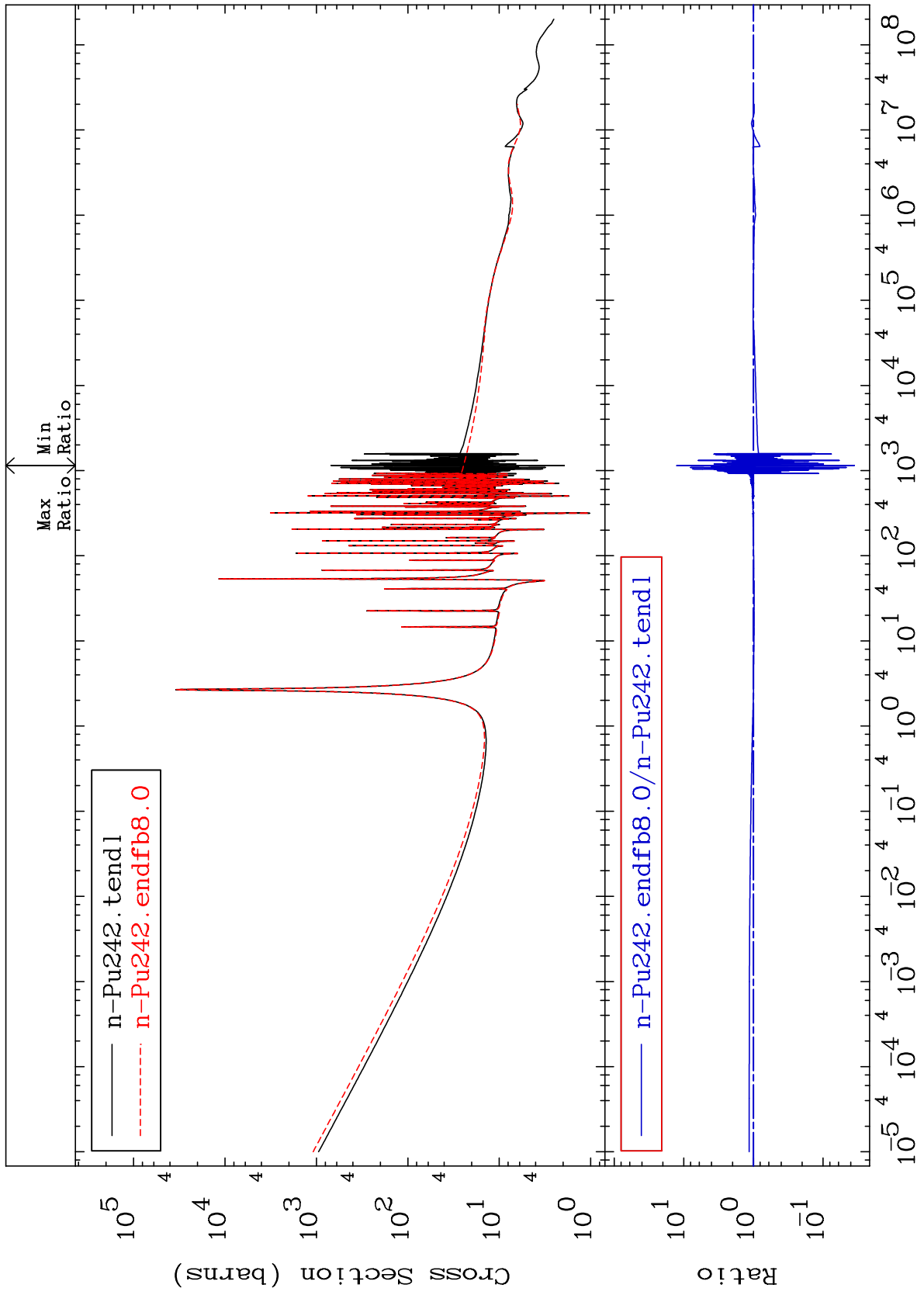
MAT 9446

Total

94-Pu-242

Cross Section

-96.46 To 1163. %



Incident Energy (eV)

94-Pu-242

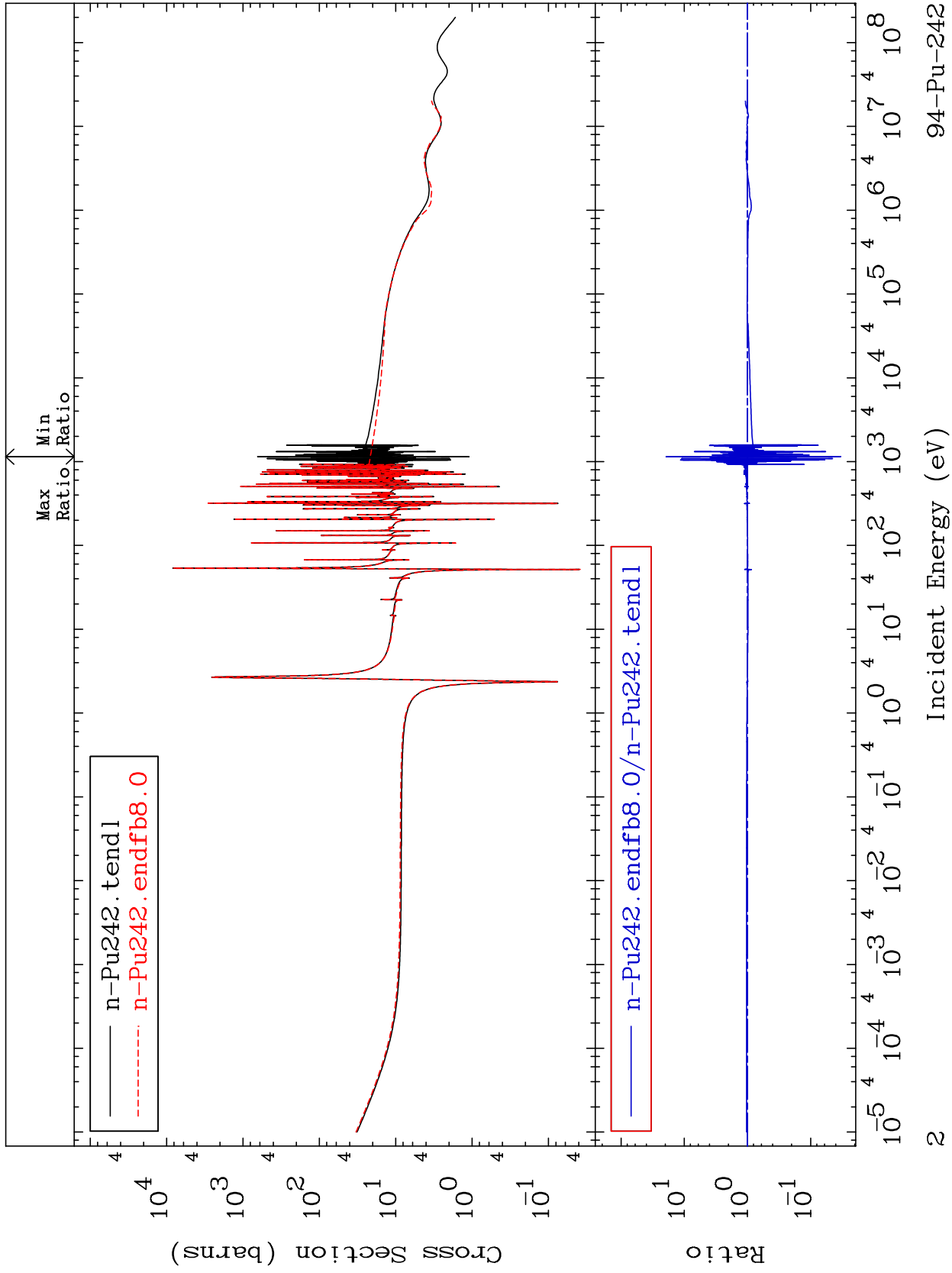
MAT 9446

Elastic

94-Pu-242

Cross Section

-96.68 To 1851. %



Incident Energy (eV)

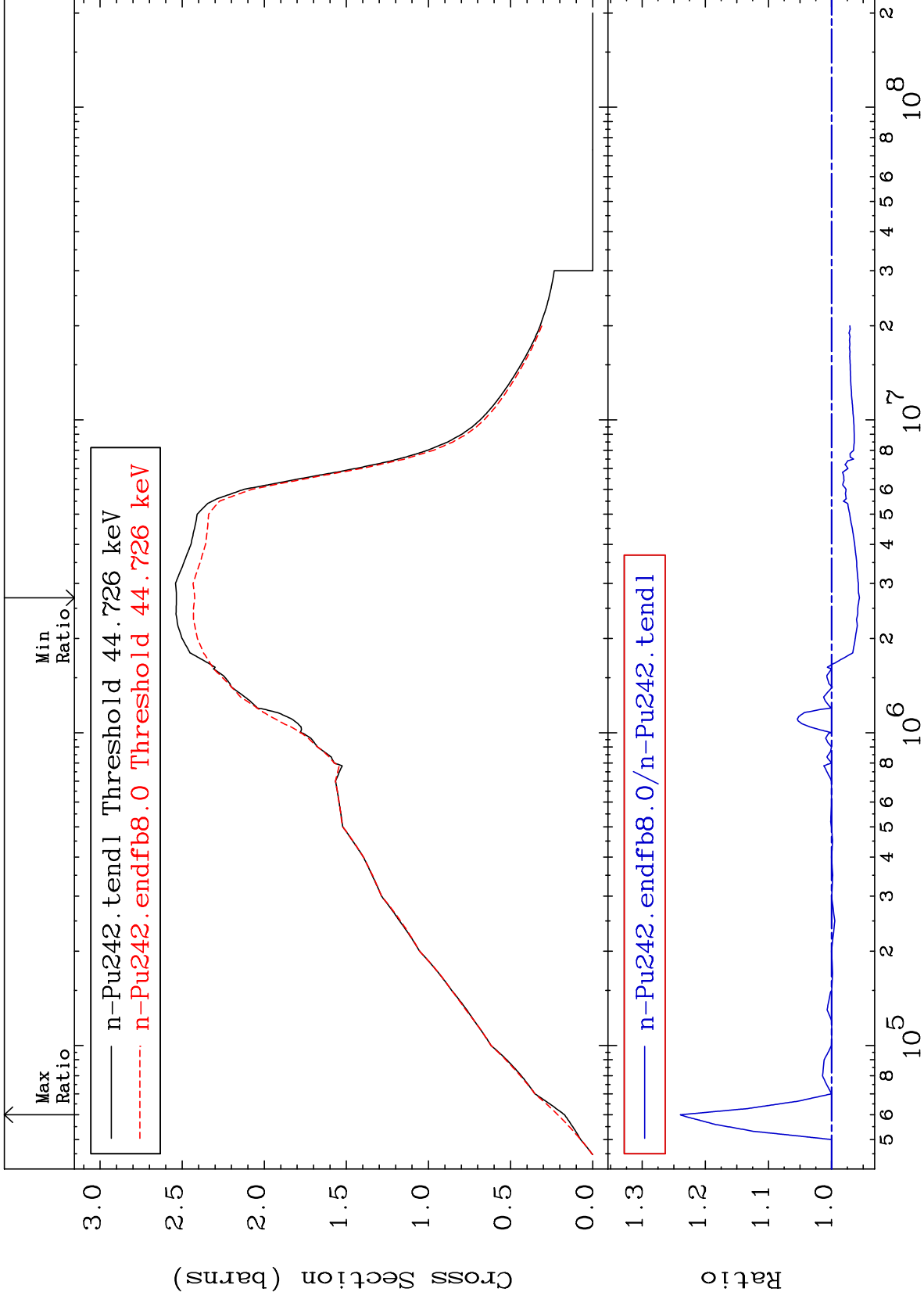
94-Pu-242



MAT 9446

Inelastic  
Cross Section

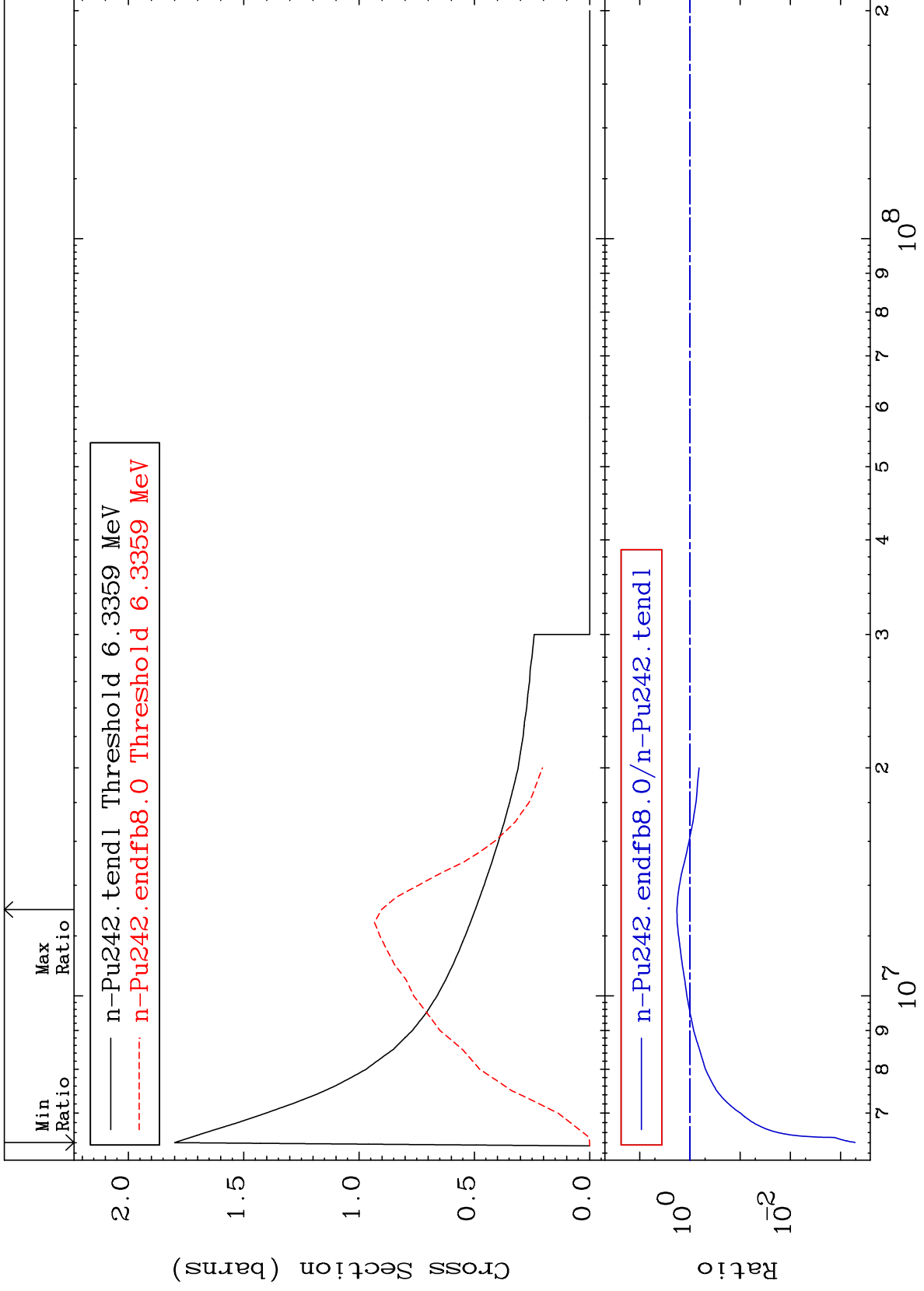
94-Pu-242  
-4.413 To 23.96 %



MAT 9446

(n,2n)  
Cross Section

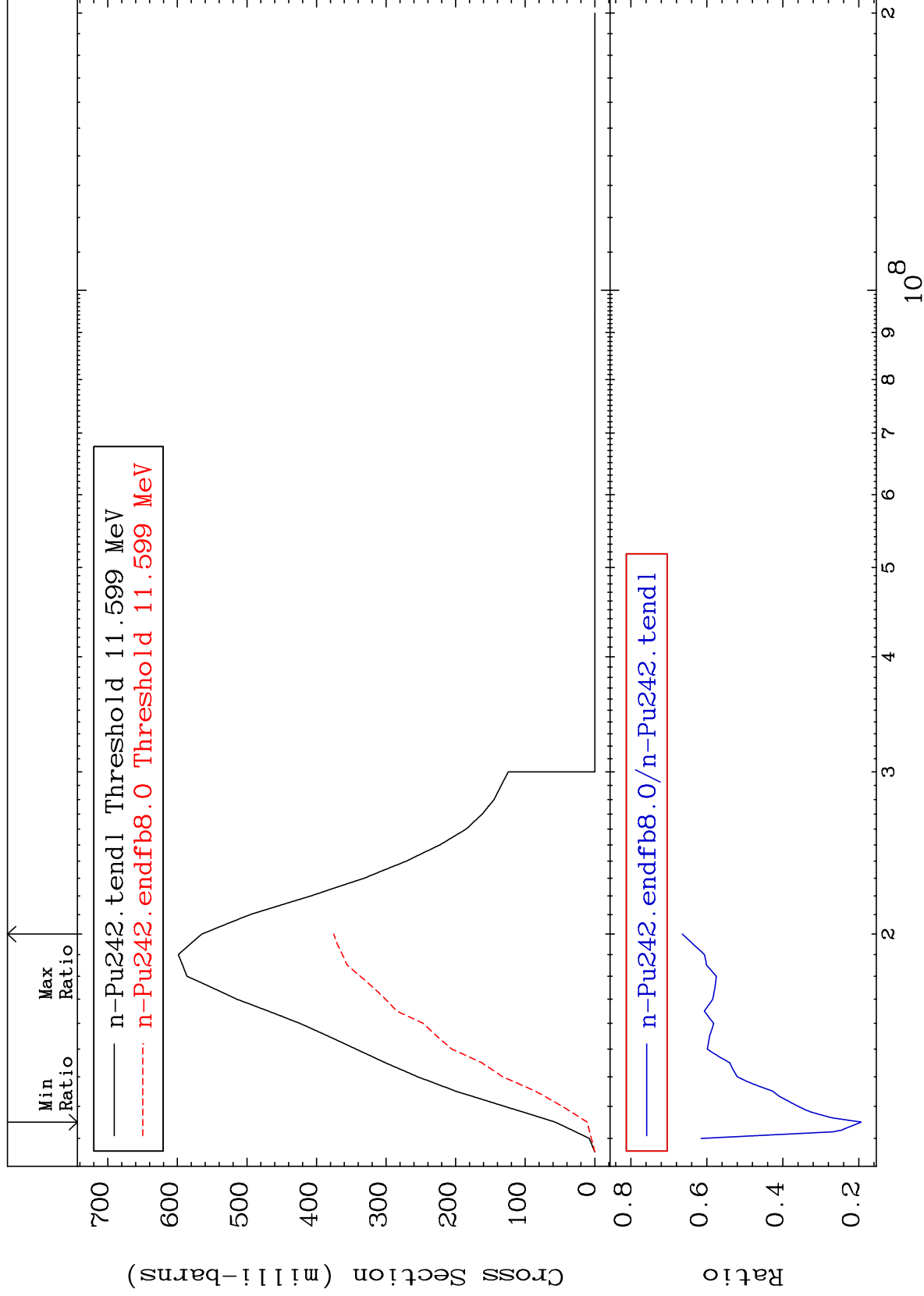
94-Pu-242  
-99.95 To 82.07 %



MAT 9446

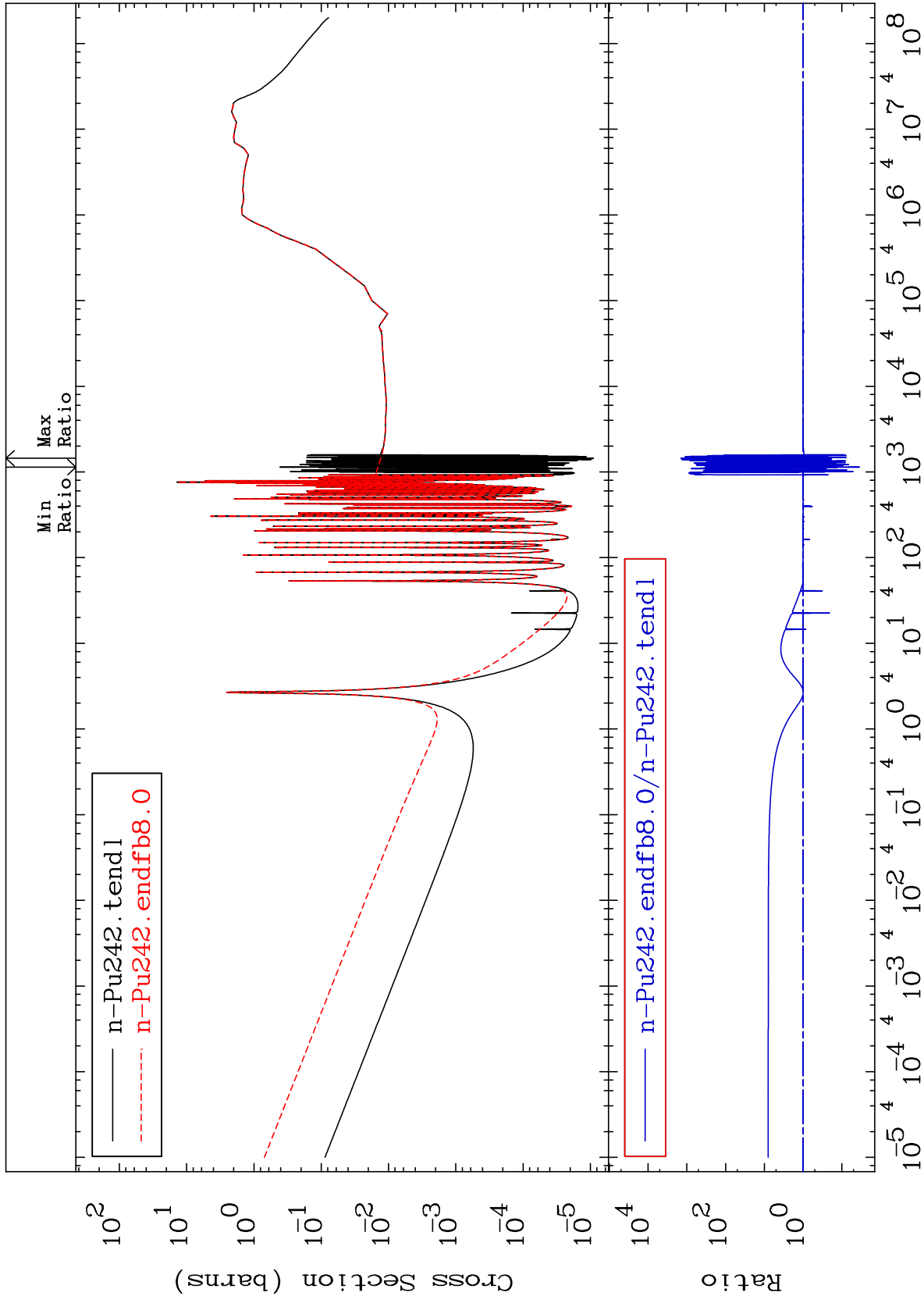
(n,3n)  
Cross Section

94-Pu-242  
-80.60 To -33.56%



MAT 9446

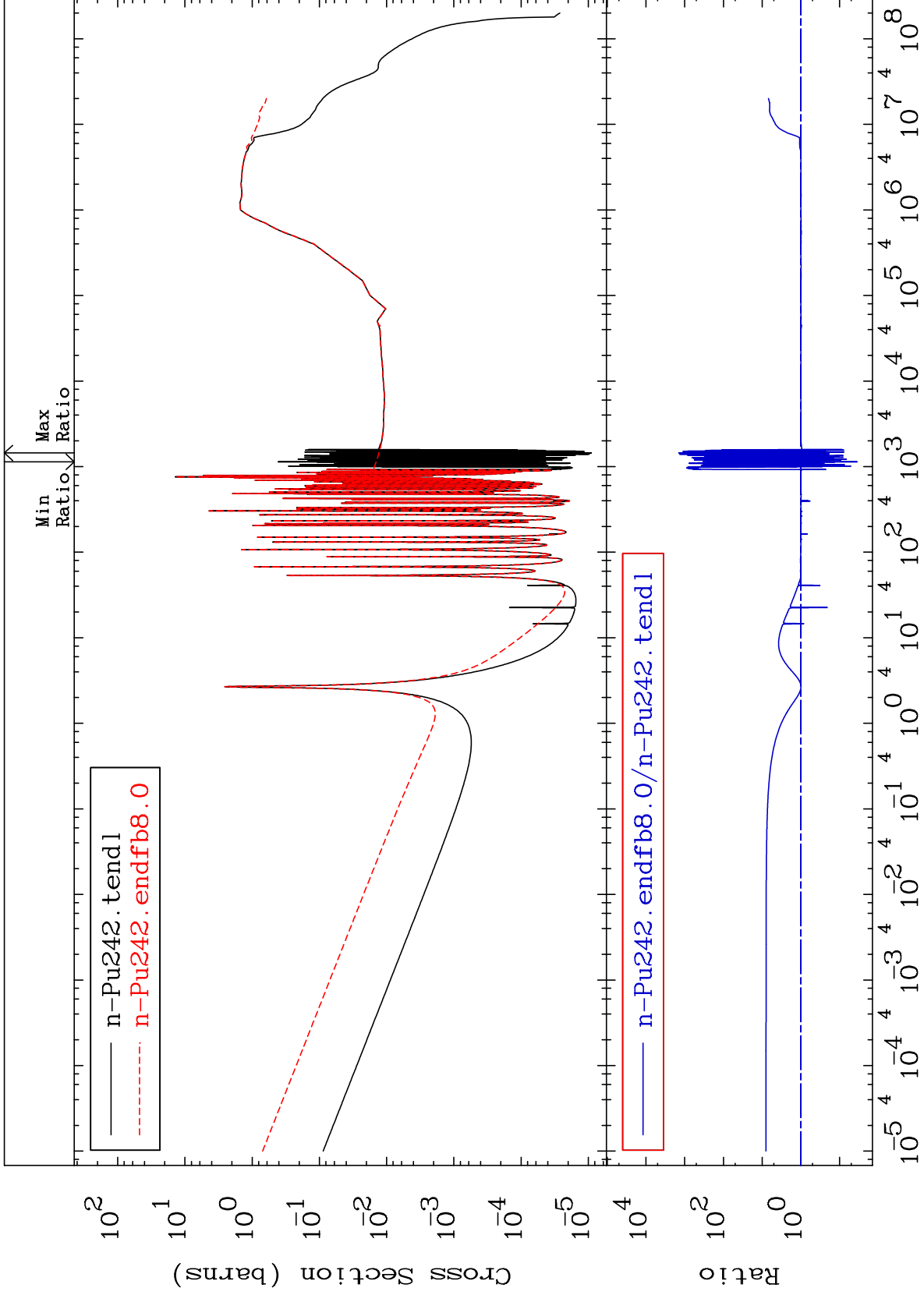
Fission Cross Section 94-Pu-242  
-96.49 To 9999. %



6

Incident Energy (eV)

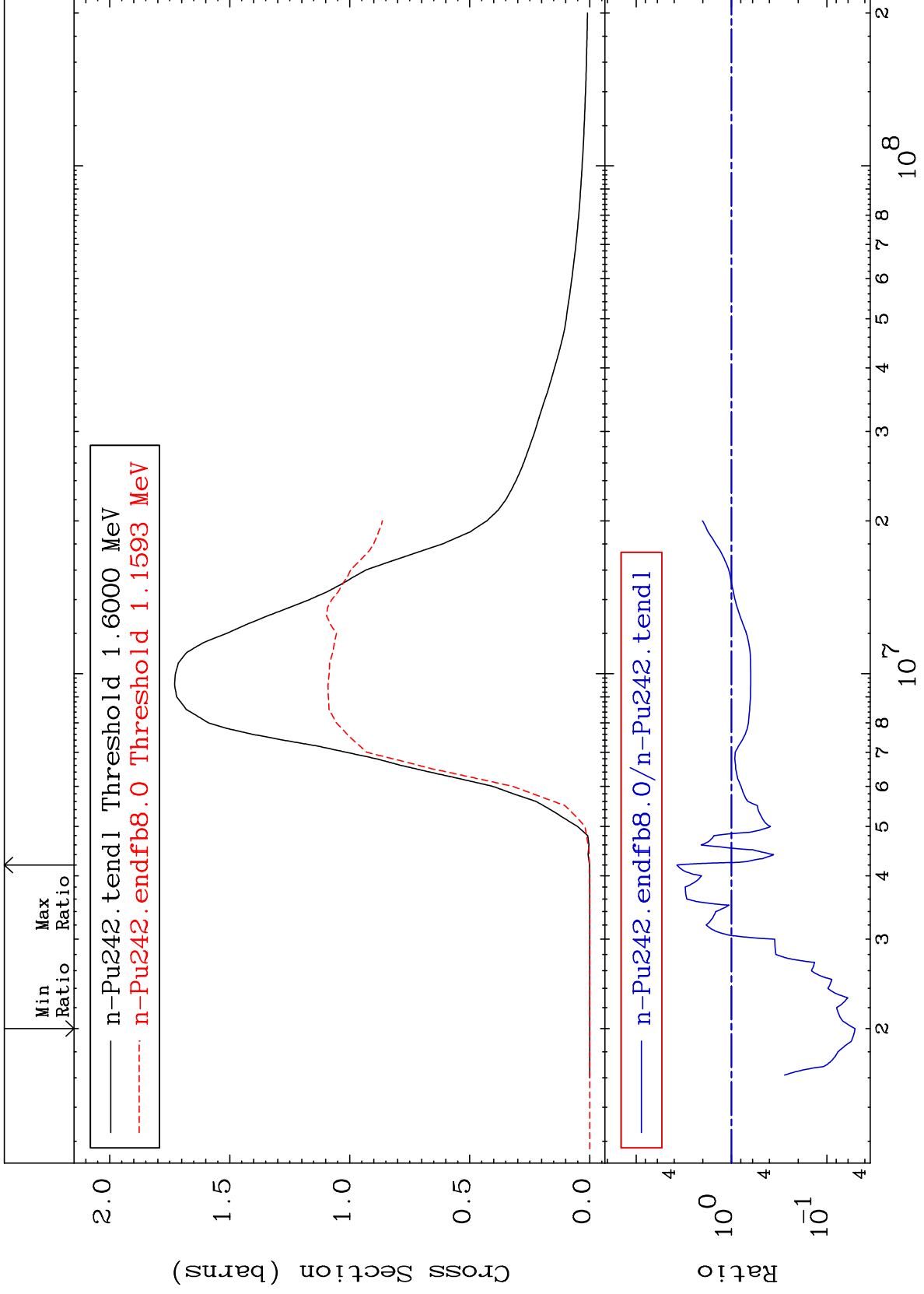
94-Pu-242



MAT 9446

(n, nf) Second Chance  
Cross Section

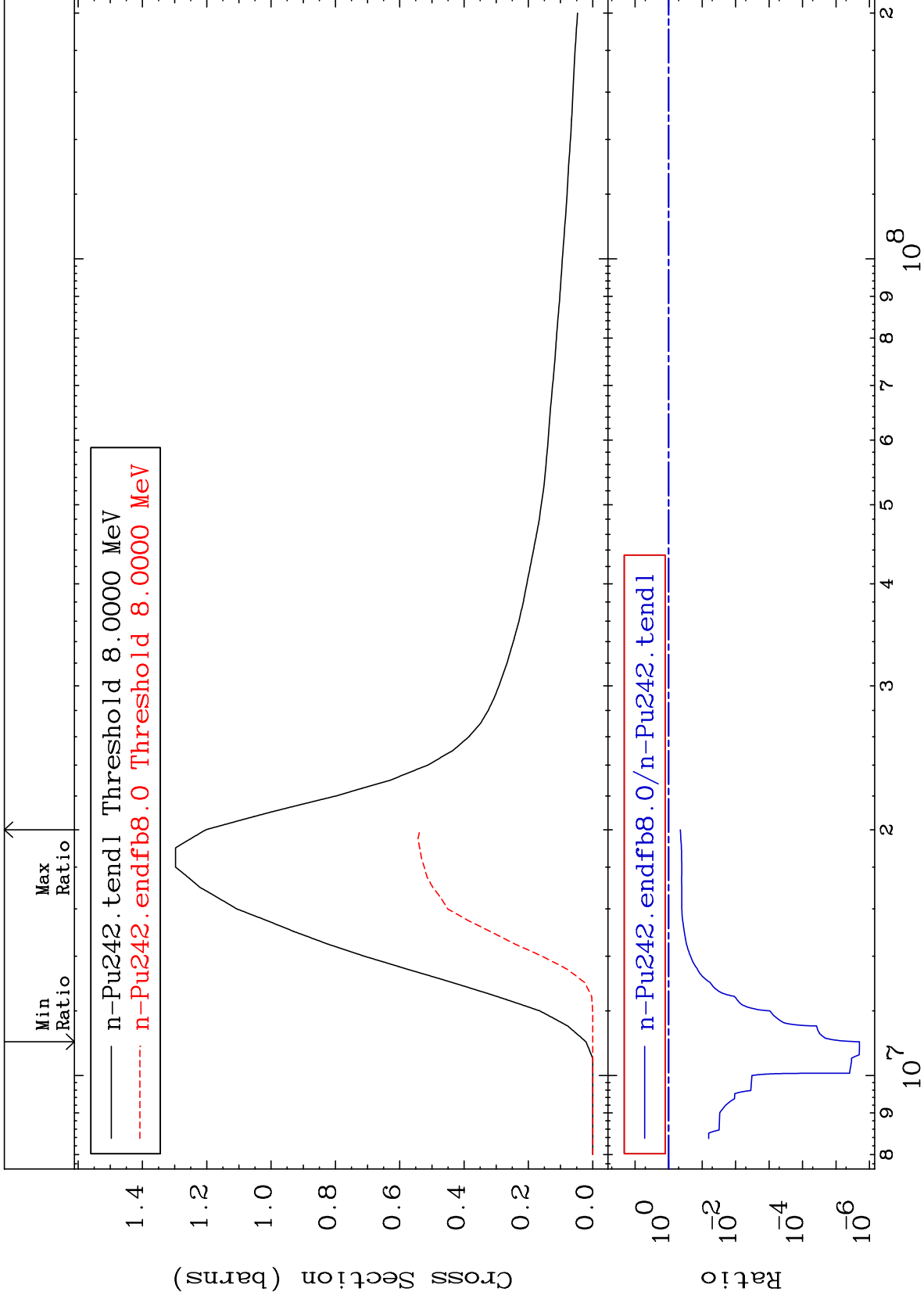
94-Pu-242  
-94.93 To 273.6 %



MAT 9446

(n,2nf) Third Chance  
Cross Section

94-Pu-242  
-100.0 To -55.33%



9

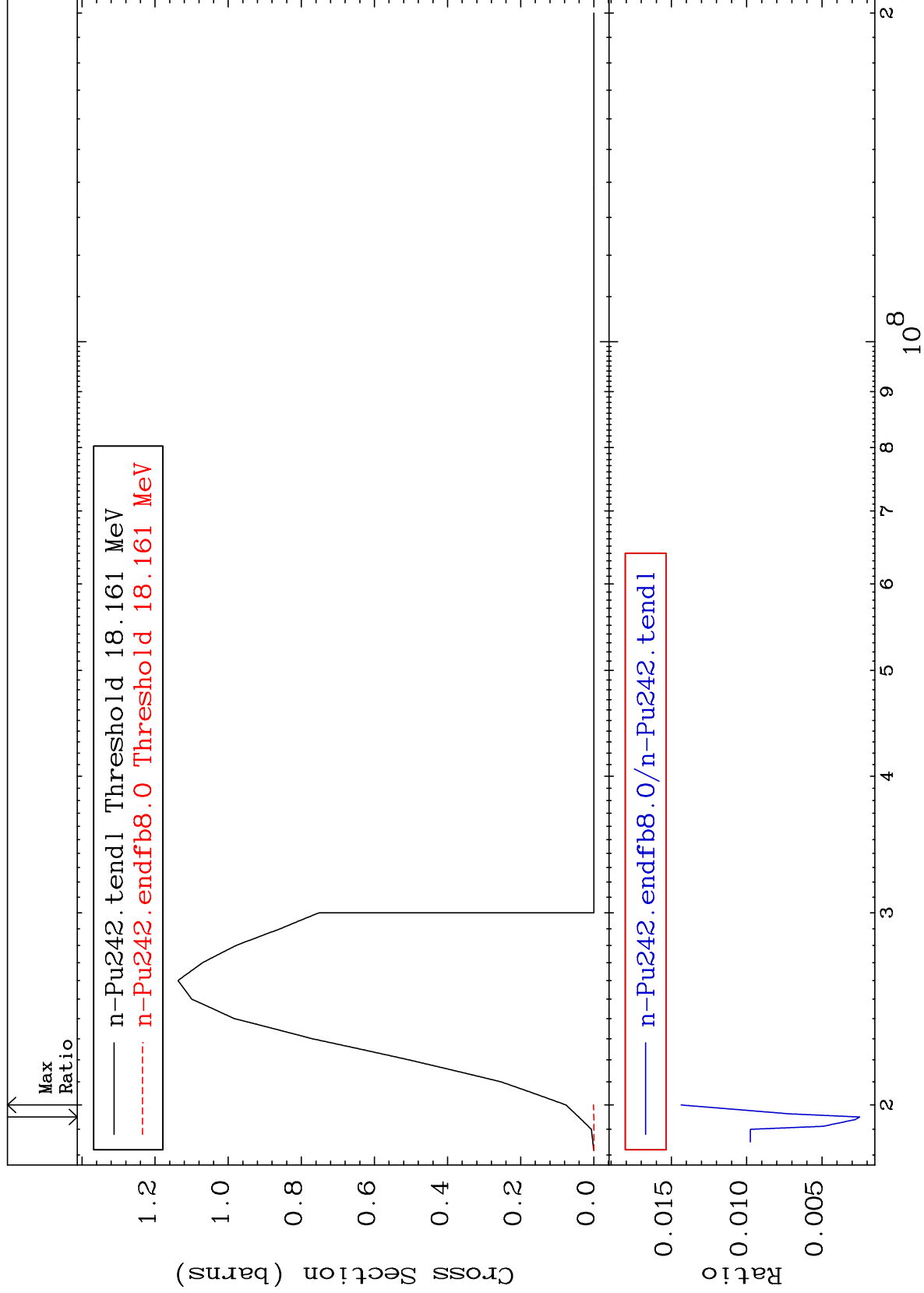
Incident Energy (eV)

94-Pu-242

MAT 9446

(n,4n)  
Cross Section

94-Pu-242  
-99.75 To -98.57%



10

Incident Energy (eV)

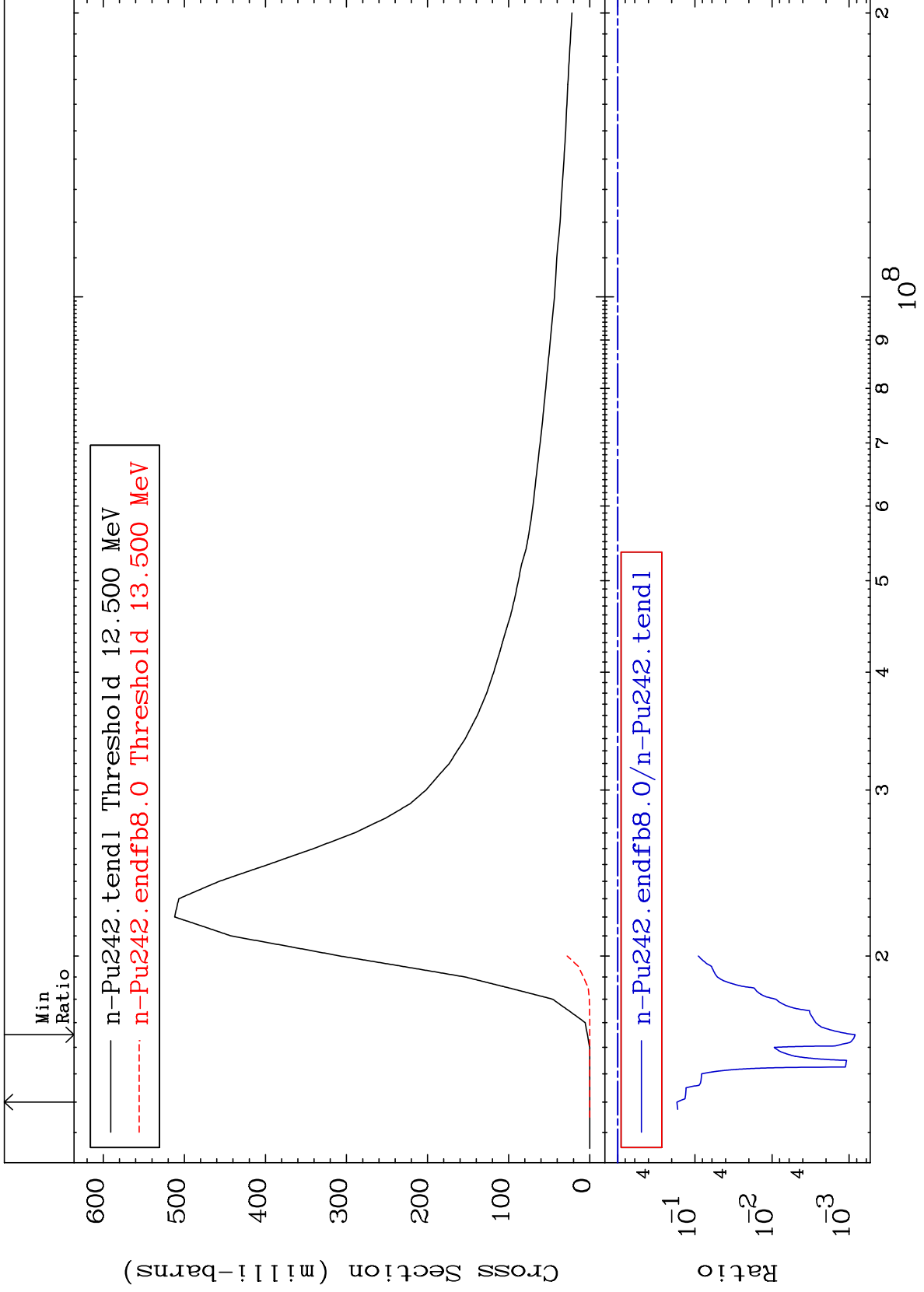
94-Pu-242



MAT 9446

(n,3nf) Fourth Chance  
Cross Section

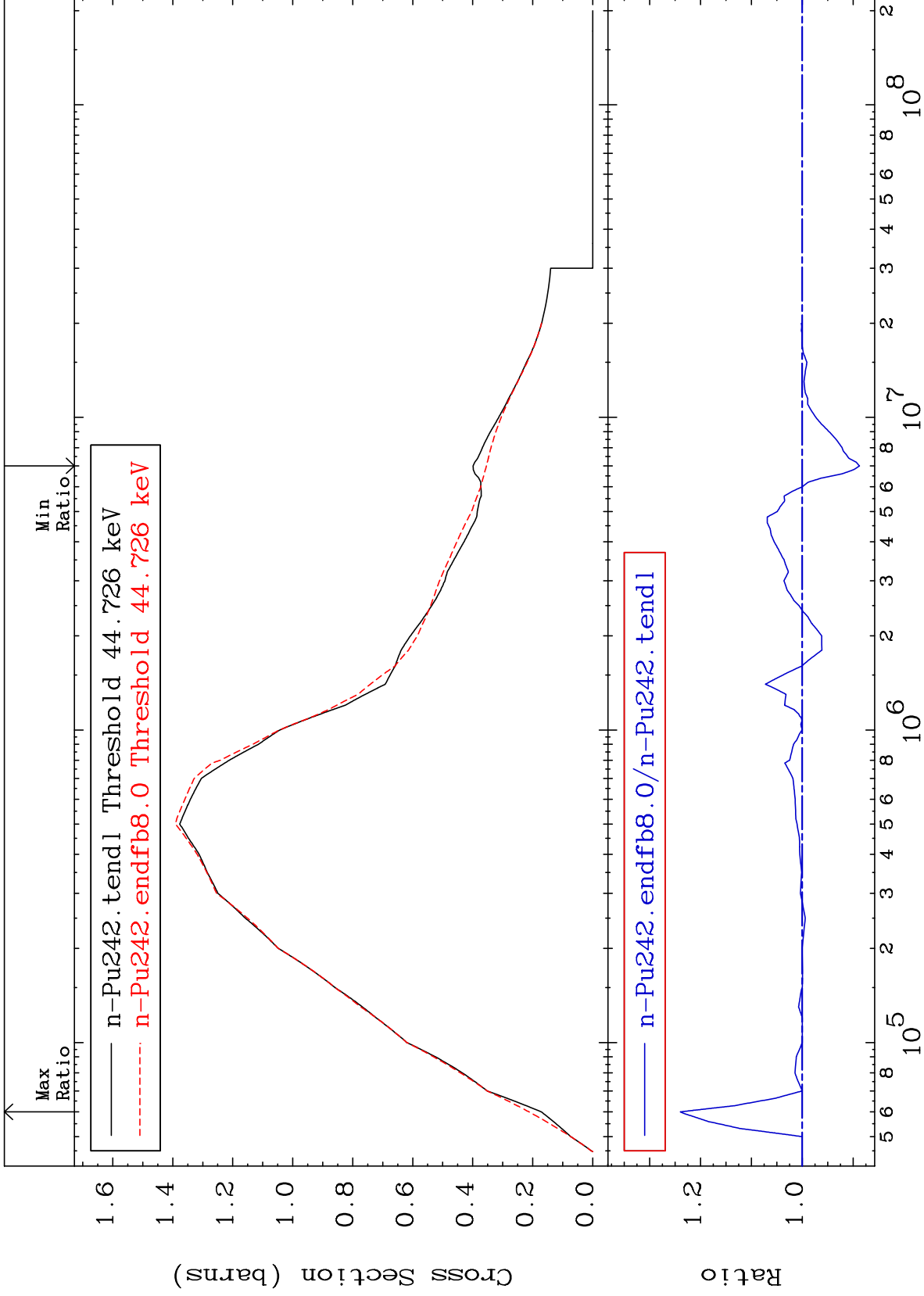
94-Pu-242  
-99.92 To -82.92%



MAT 9446

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

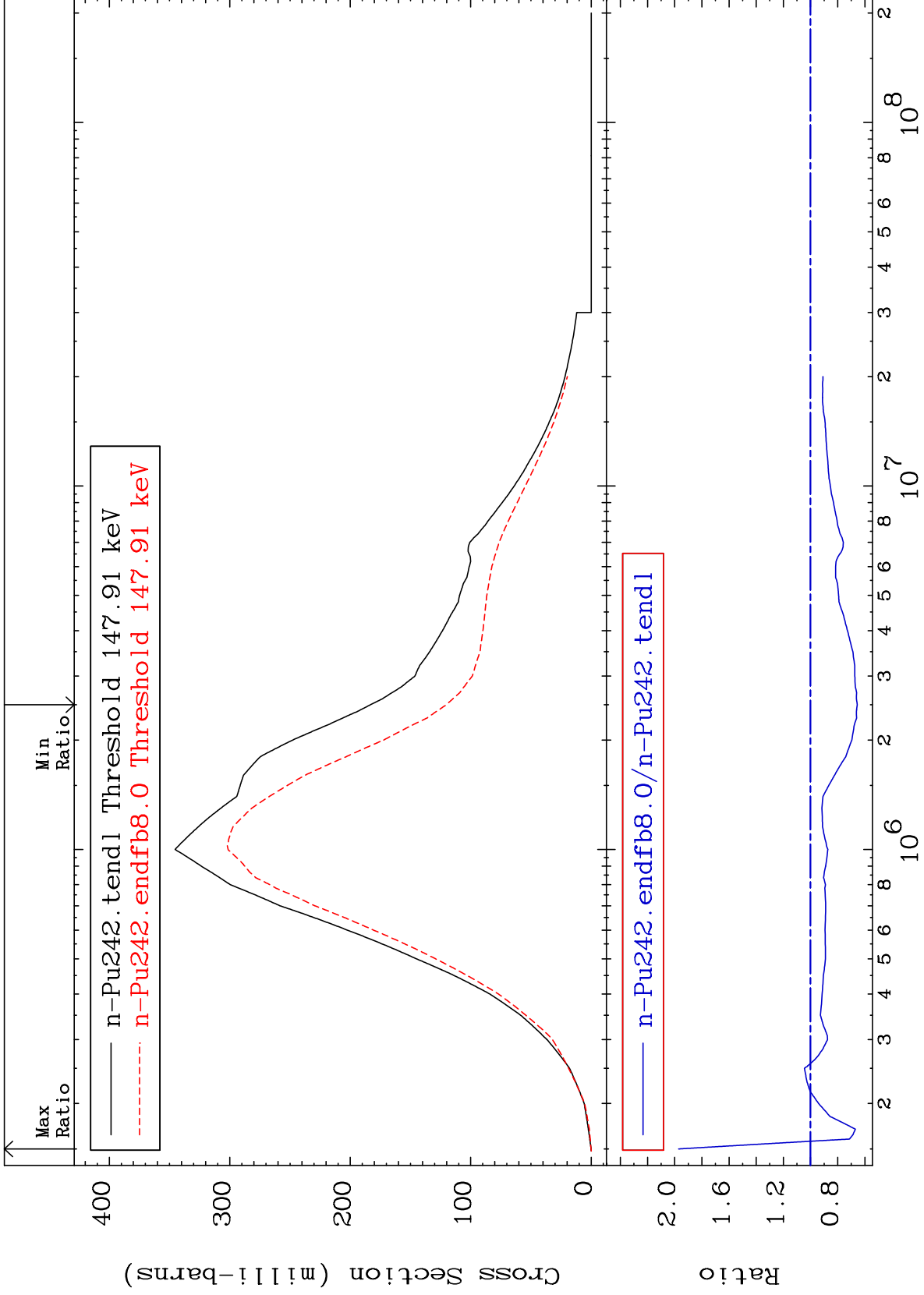
94-Pu-242  
-11.25 To 23.96 %



MAT 9446

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

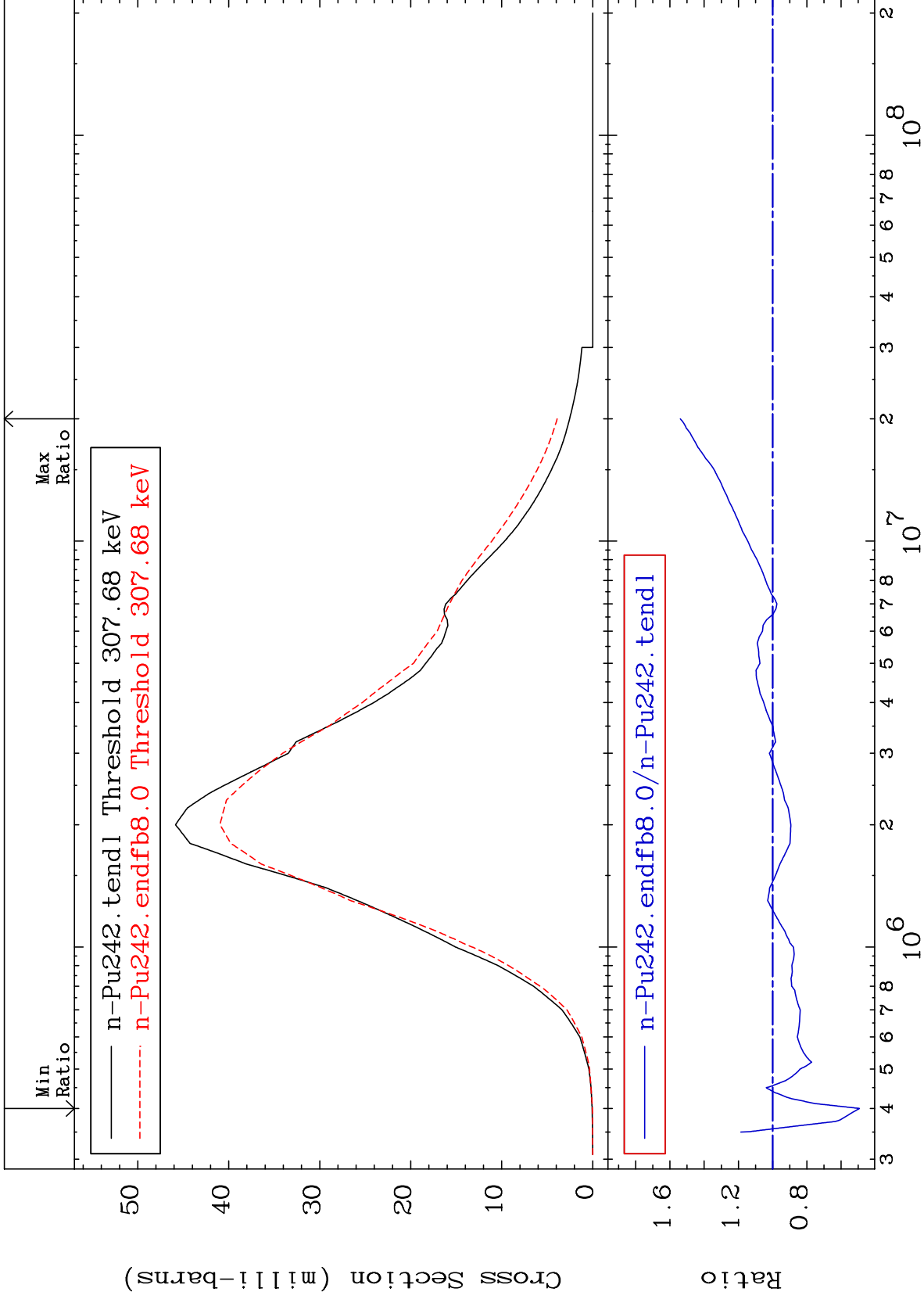
94-Pu-242  
-34.41 To 97.10 %



MAT 9446

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

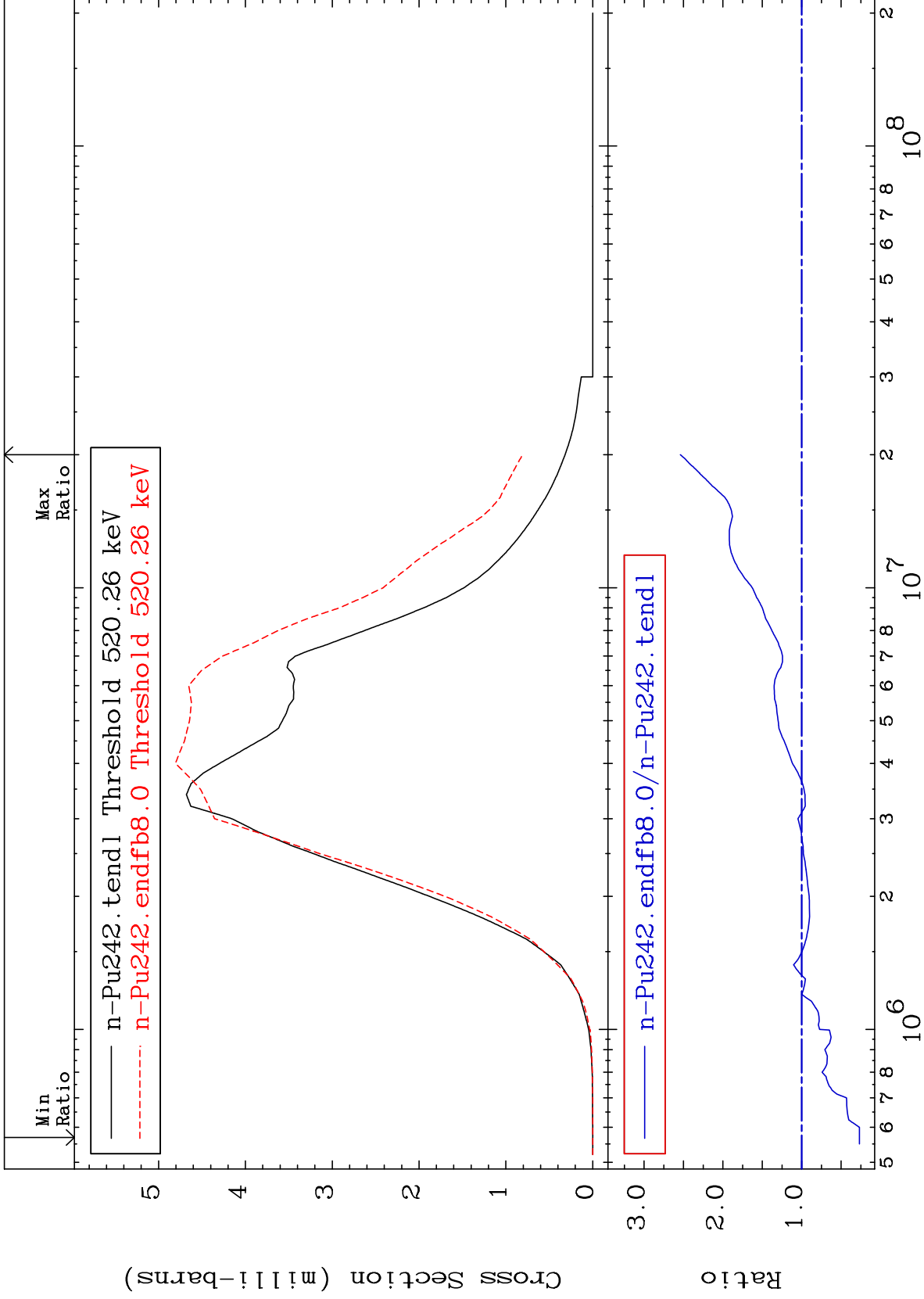
94-Pu-242  
-50.72 To 53.92 %



MAT 9446

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

94-Pu-242  
-73.25 To 153.9 %



15

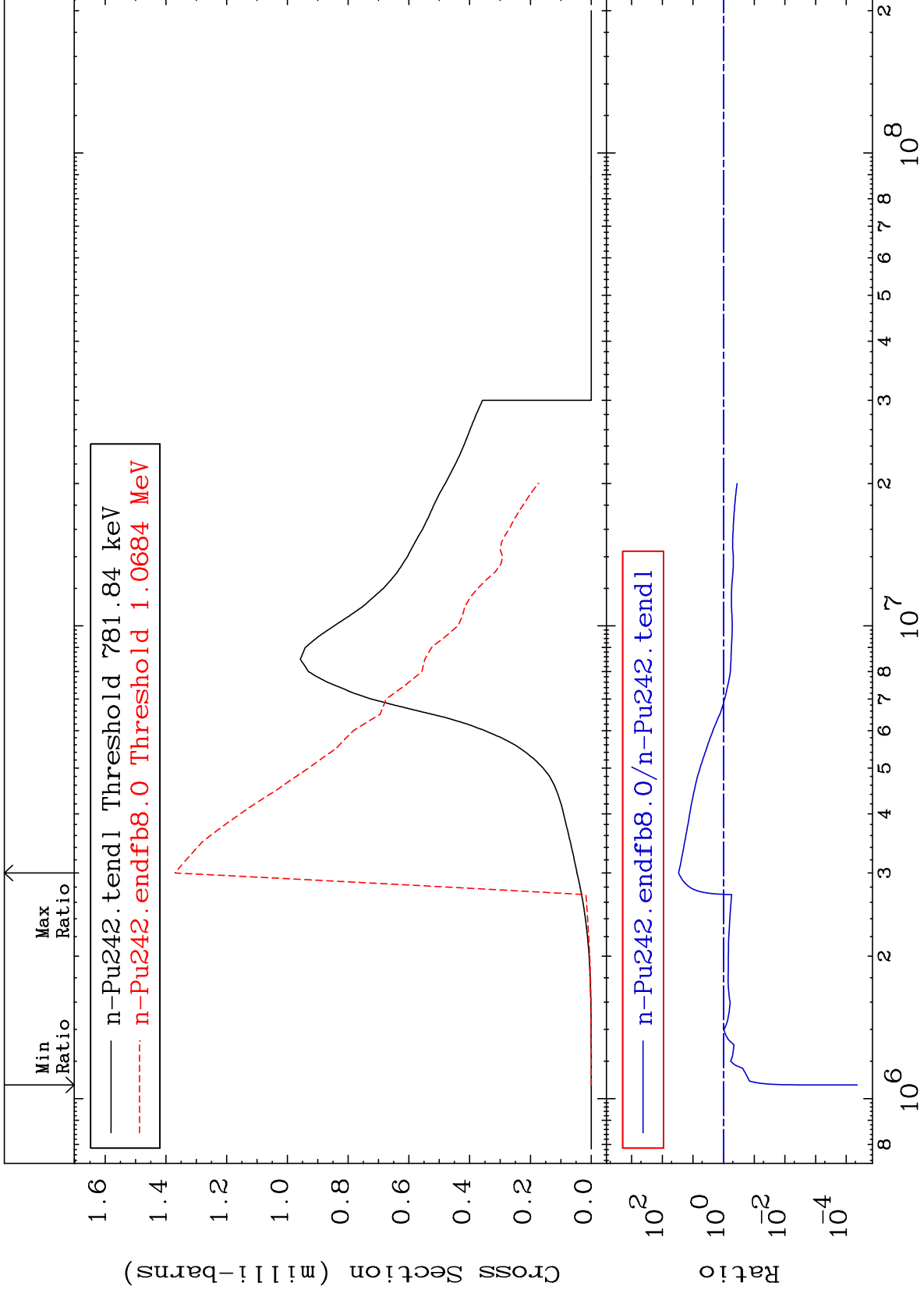
Incident Energy (eV)

94-Pu-242

MAT 9446

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

94-Pu-242  
-100.0 To 2828. %



16

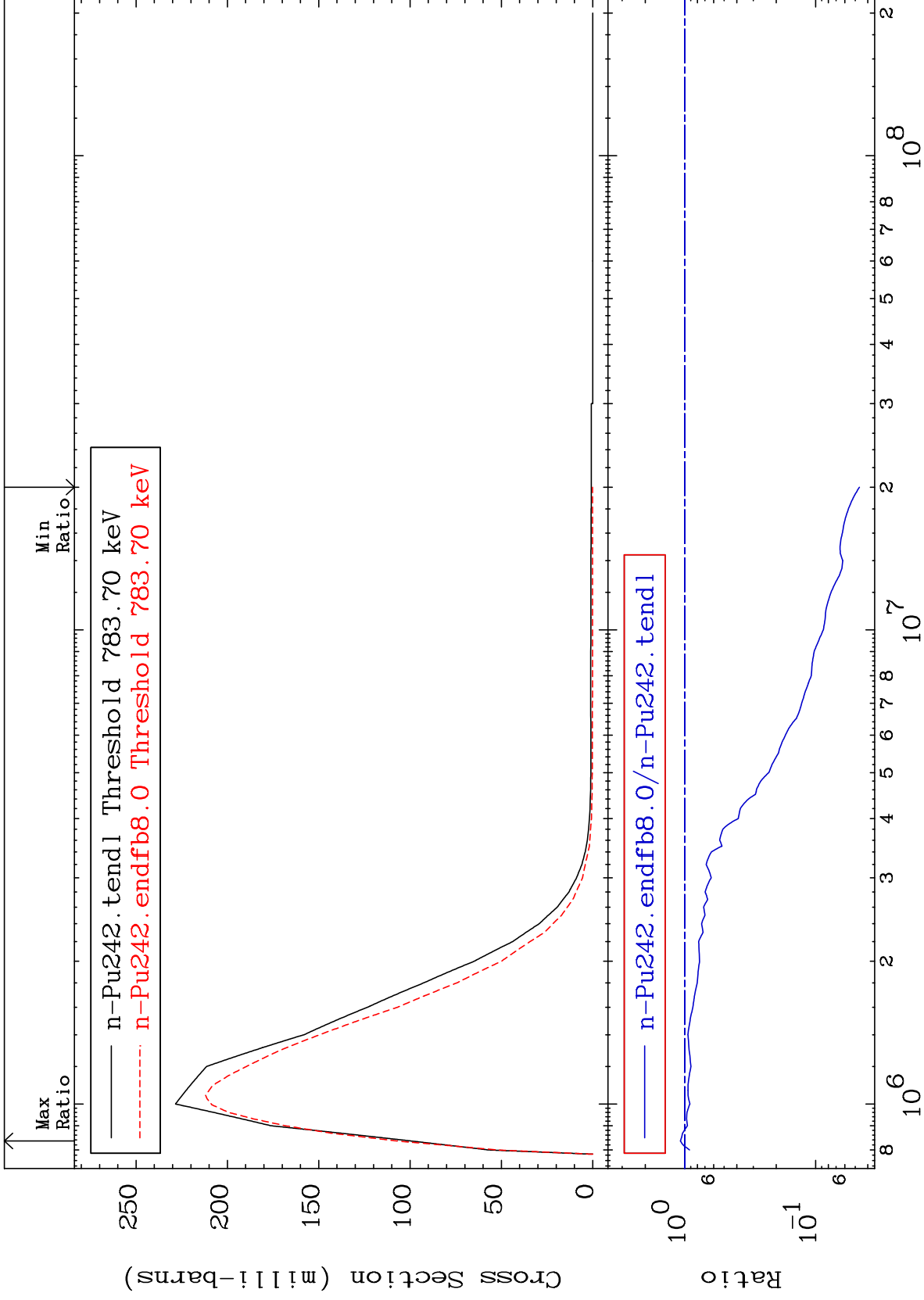
Incident Energy (eV)

94-Pu-242

MAT 9446

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

94-Pu-242  
-95.36 To 7.909 %



17

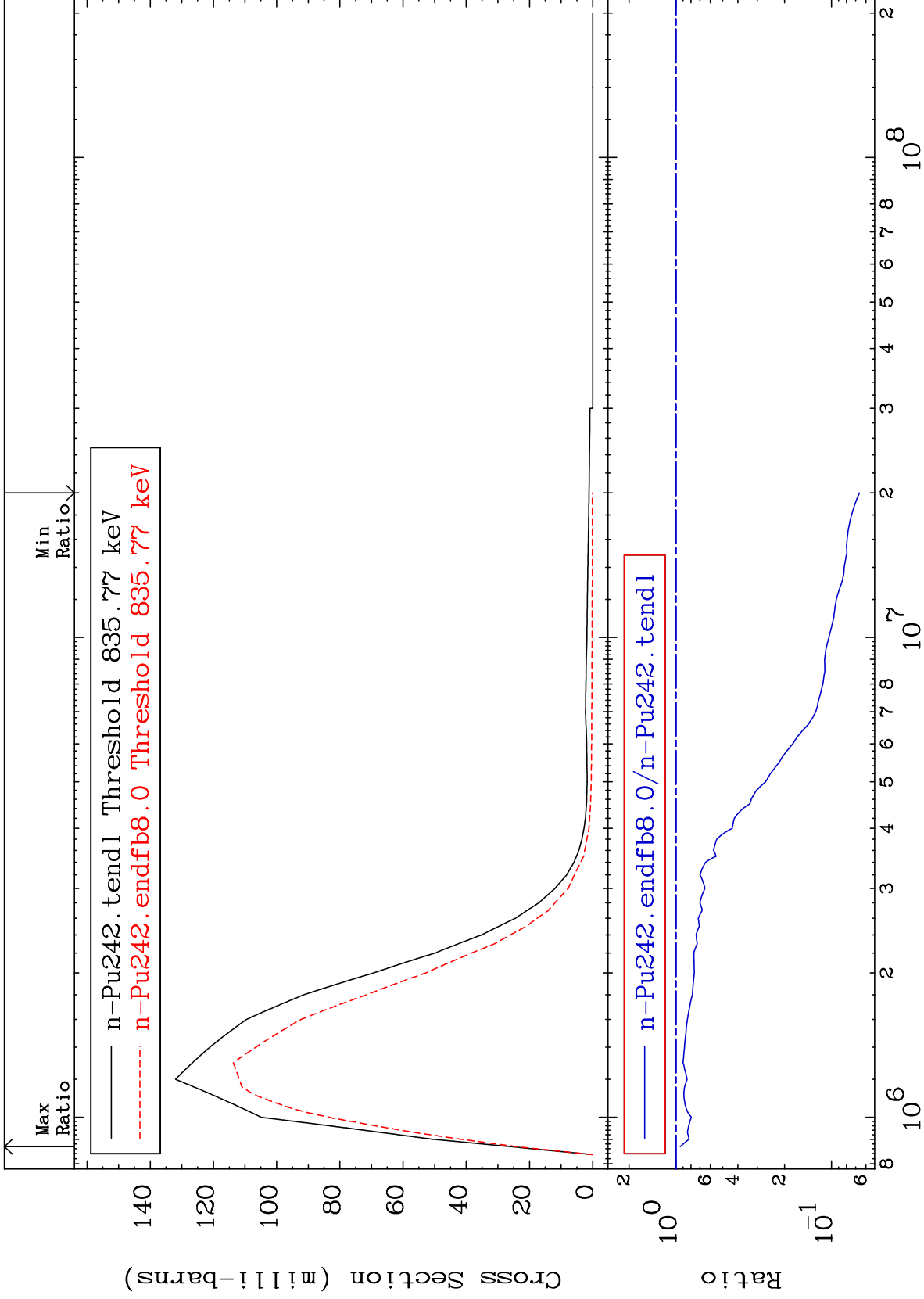
Incident Energy (eV)

94-Pu-242

MAT 9446

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

94-Pu-242  
-93.39 To -6.472%



18

Incident Energy (eV)

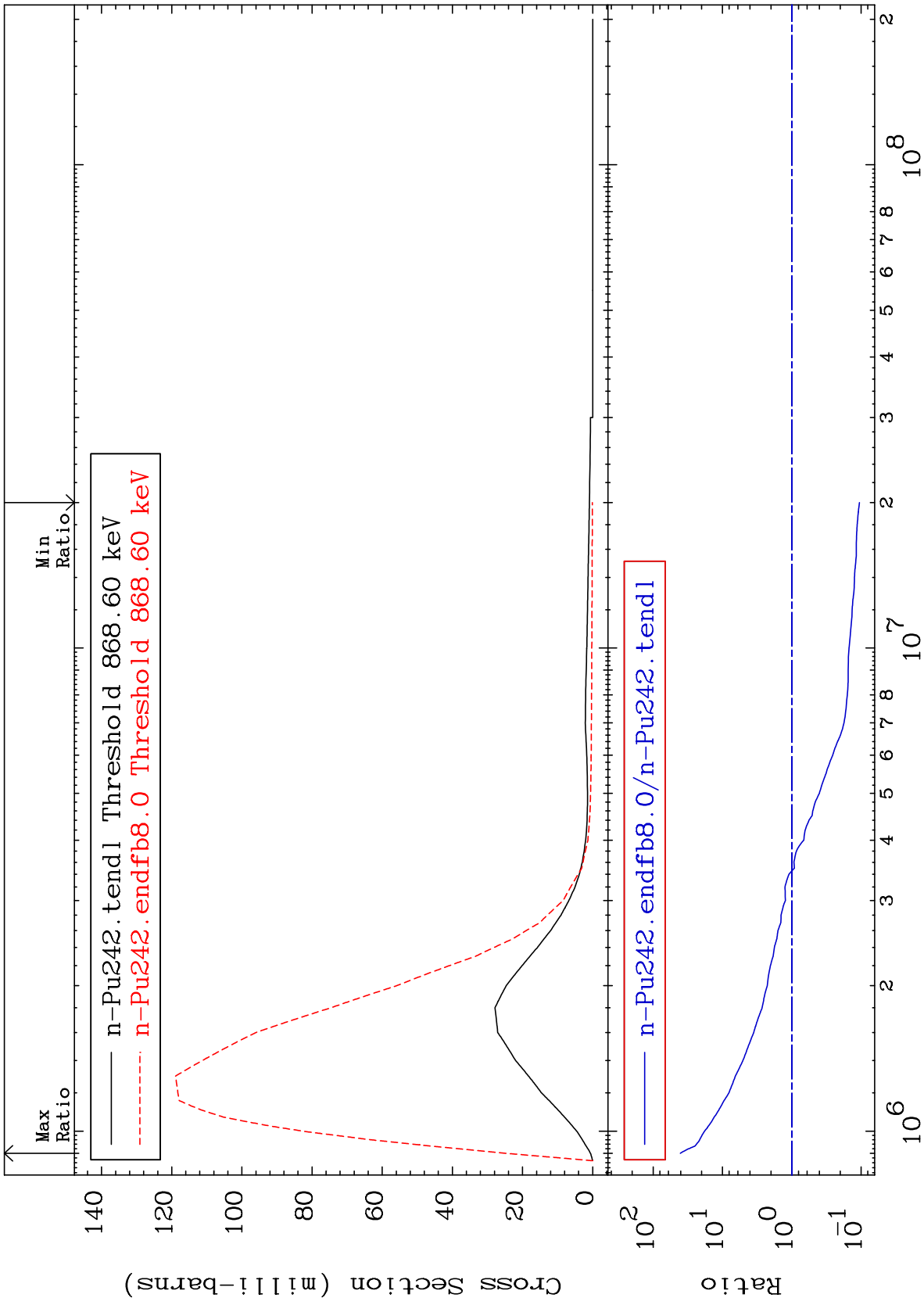
94-Pu-242



MAT 9446

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

94-Pu-242  
-89.42 To 3947. %



19

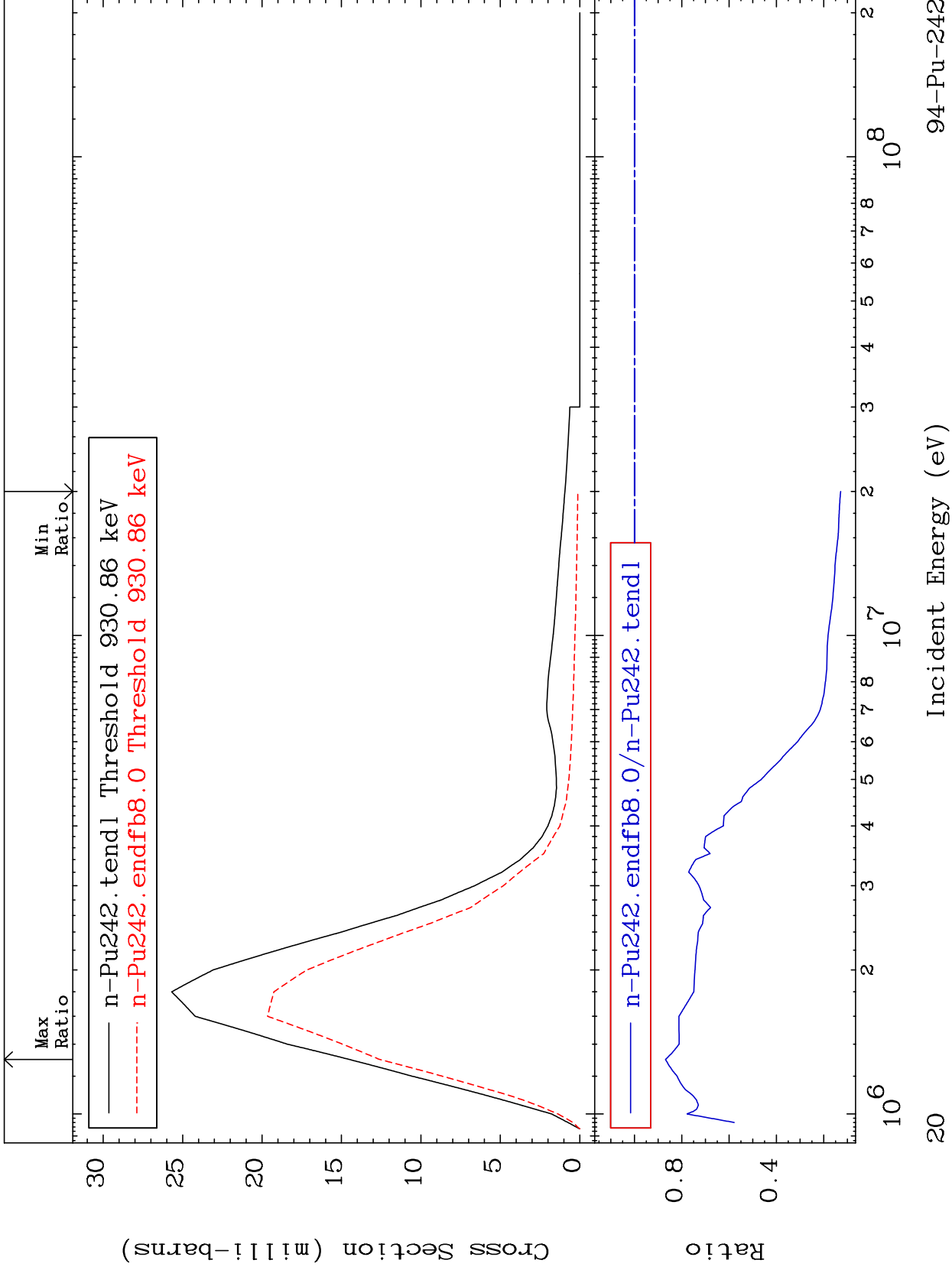
Incident Energy (eV)

94-Pu-242

MAT 9446

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

94-Pu-242  
-87.17 To -13.11%



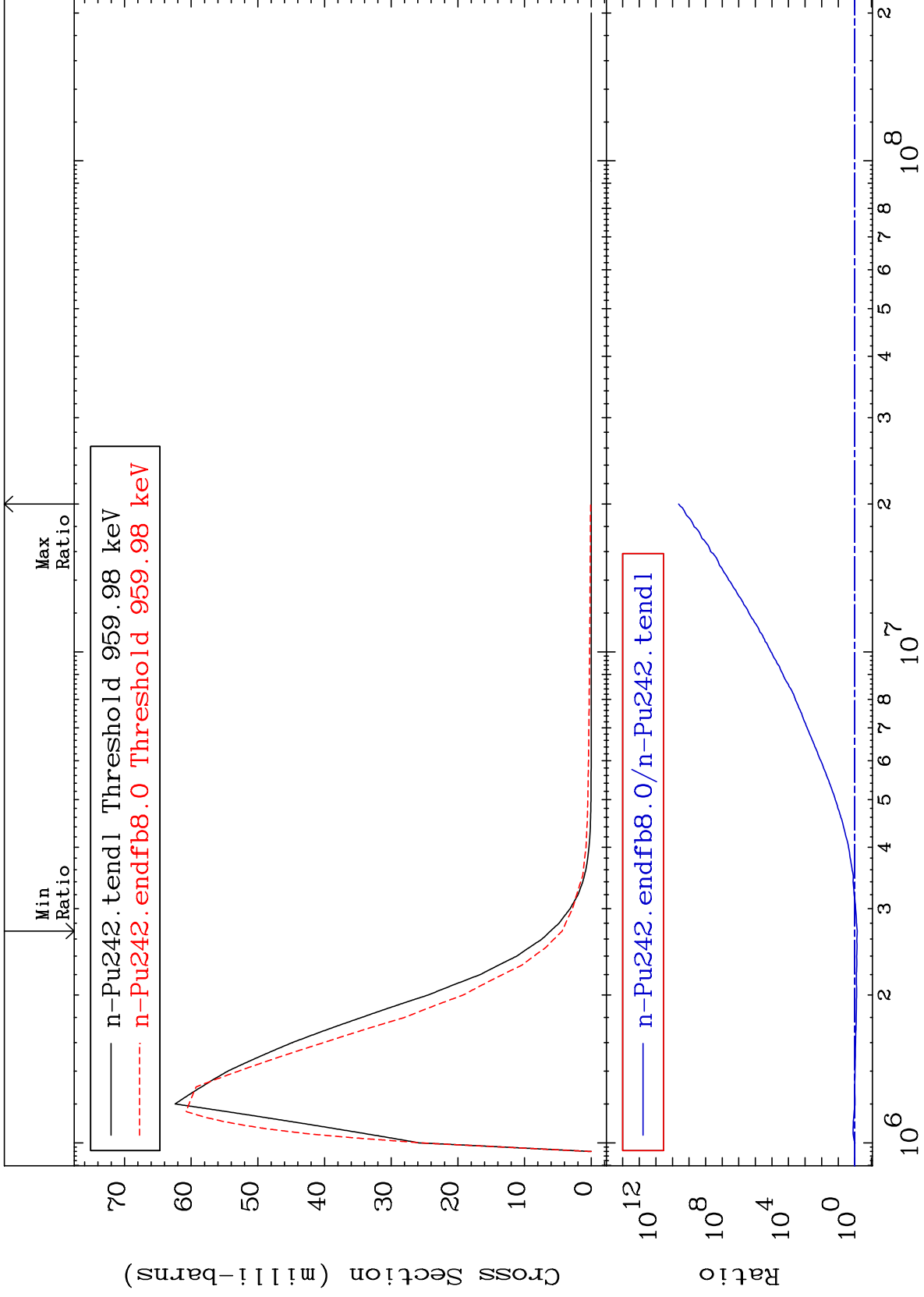
Incident Energy (eV)

94-Pu-242

MAT 9446

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

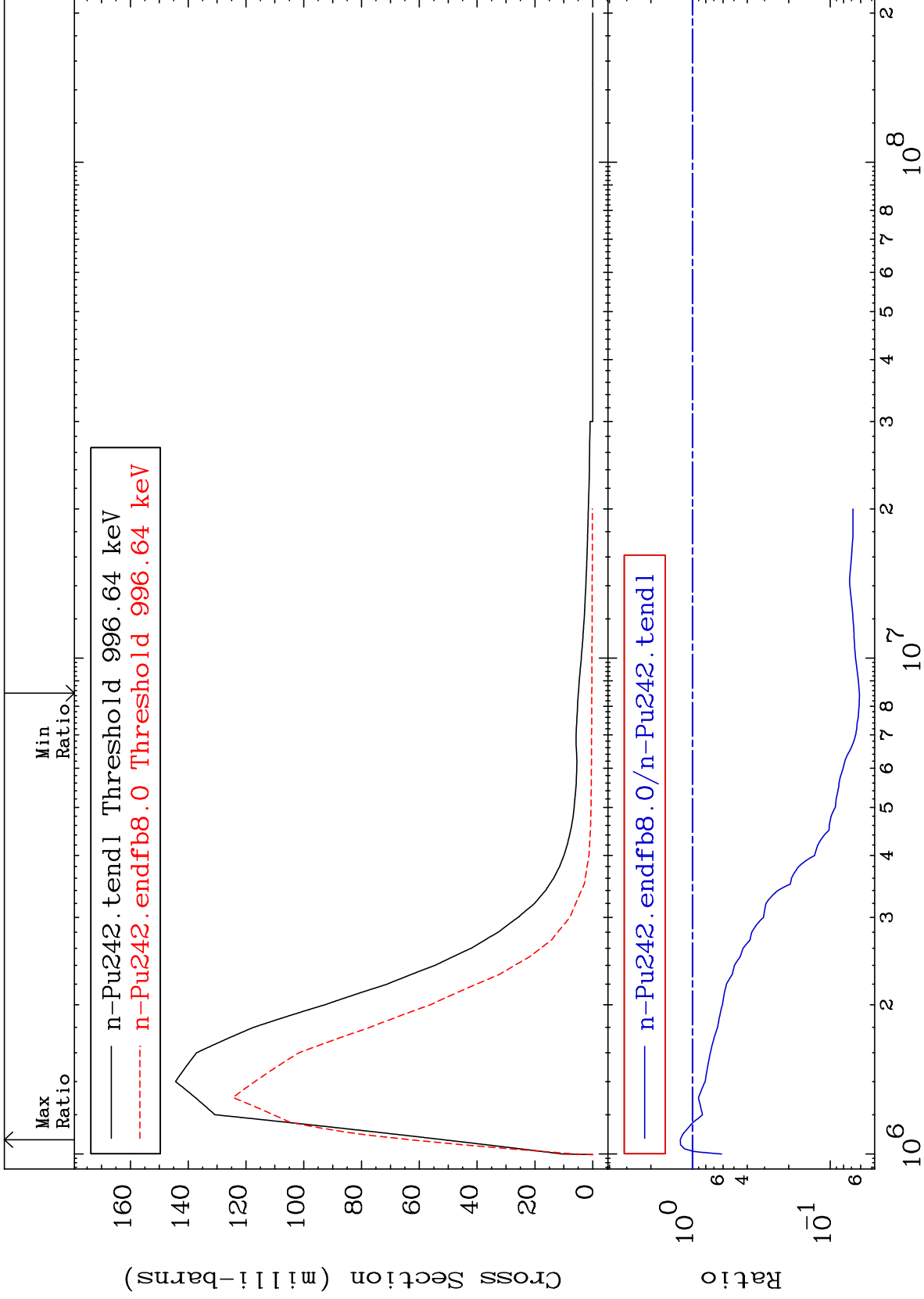
94-Pu-242  
-28.70 To 9999. %



MAT 9446

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

94-Pu-242  
-93.87 To 22.39 %



22

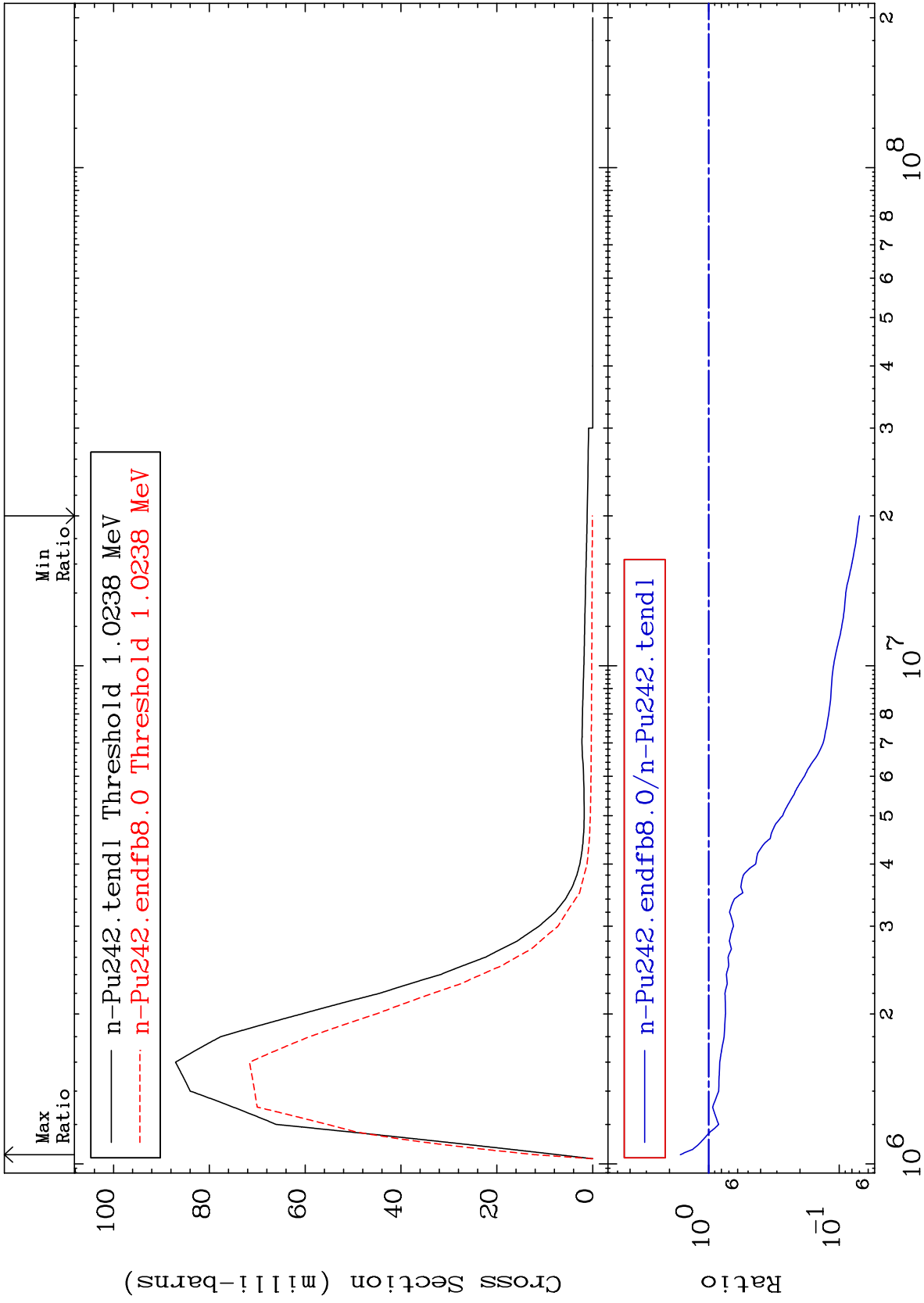
Incident Energy (eV)

94-Pu-242

MAT 9446

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

94-Pu-242  
-93.00 To 64.85 %



23

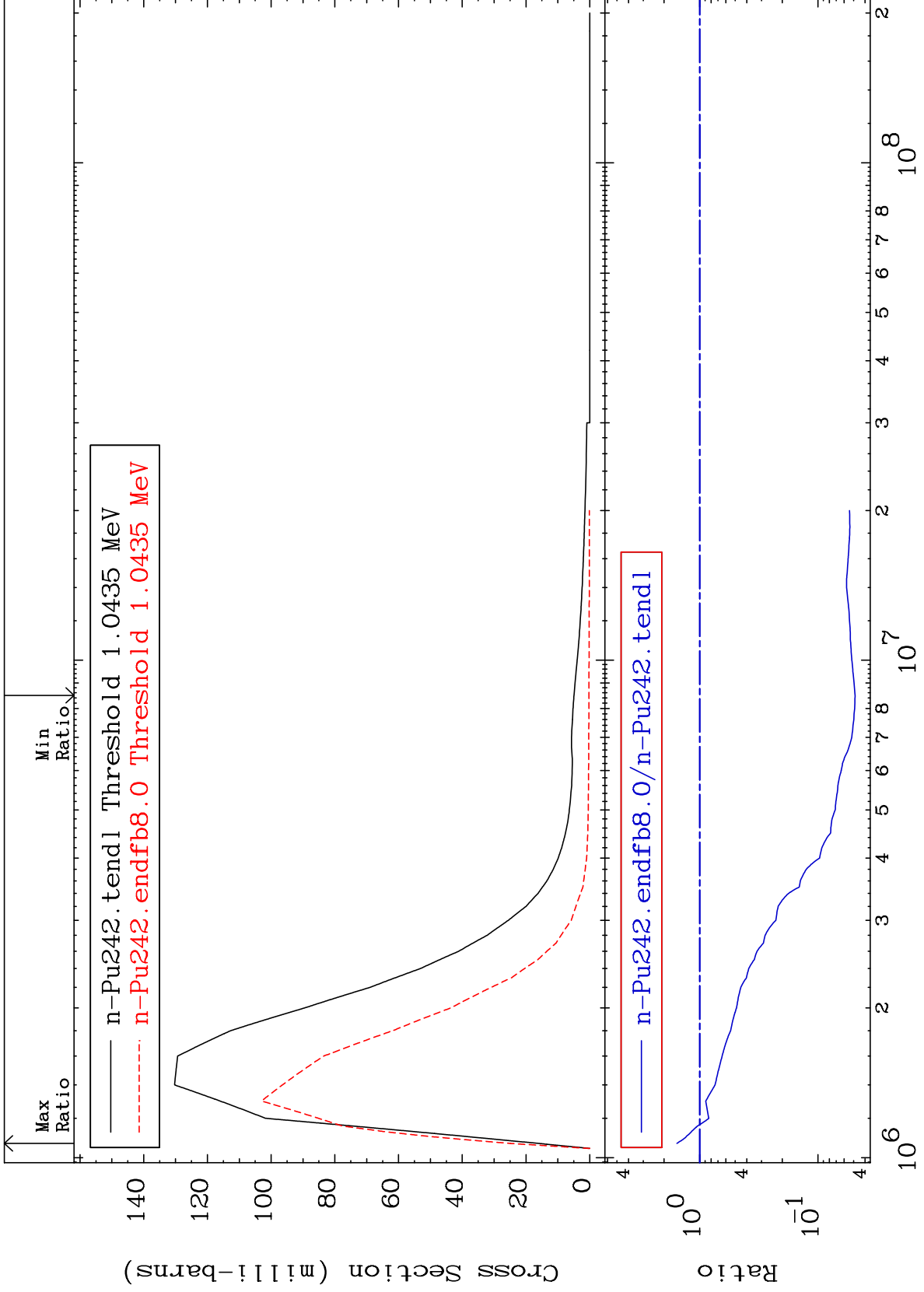
Incident Energy (eV)

94-Pu-242

MAT 9446

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

94-Pu-242  
-95.15 To 55.67 %



24

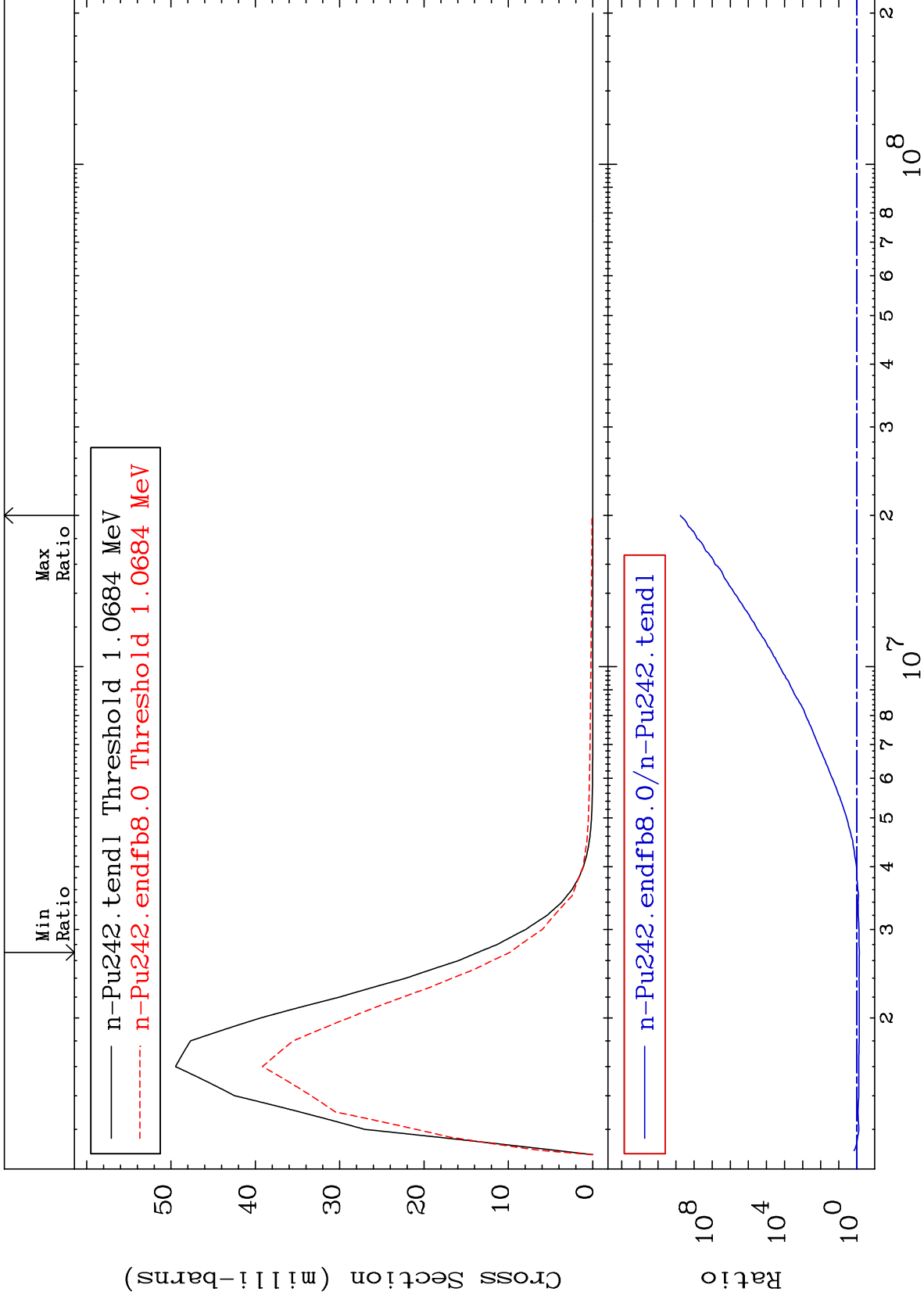
Incident Energy (eV)

94-Pu-242

MAT 9446

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

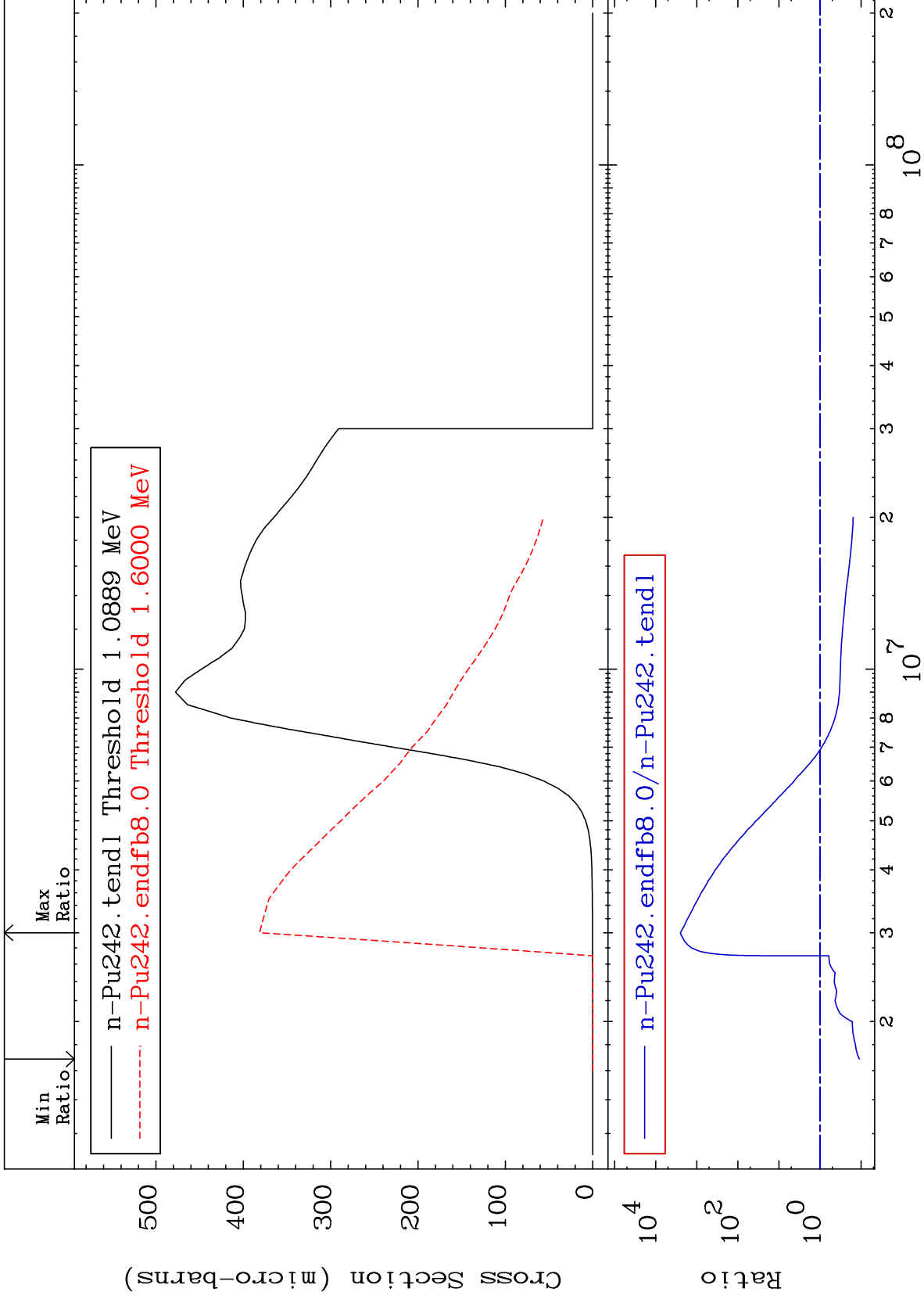
94-Pu-242  
-27.84 To 9999. %



MAT 9446

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

94-Pu-242  
-89.08 To 9999. %

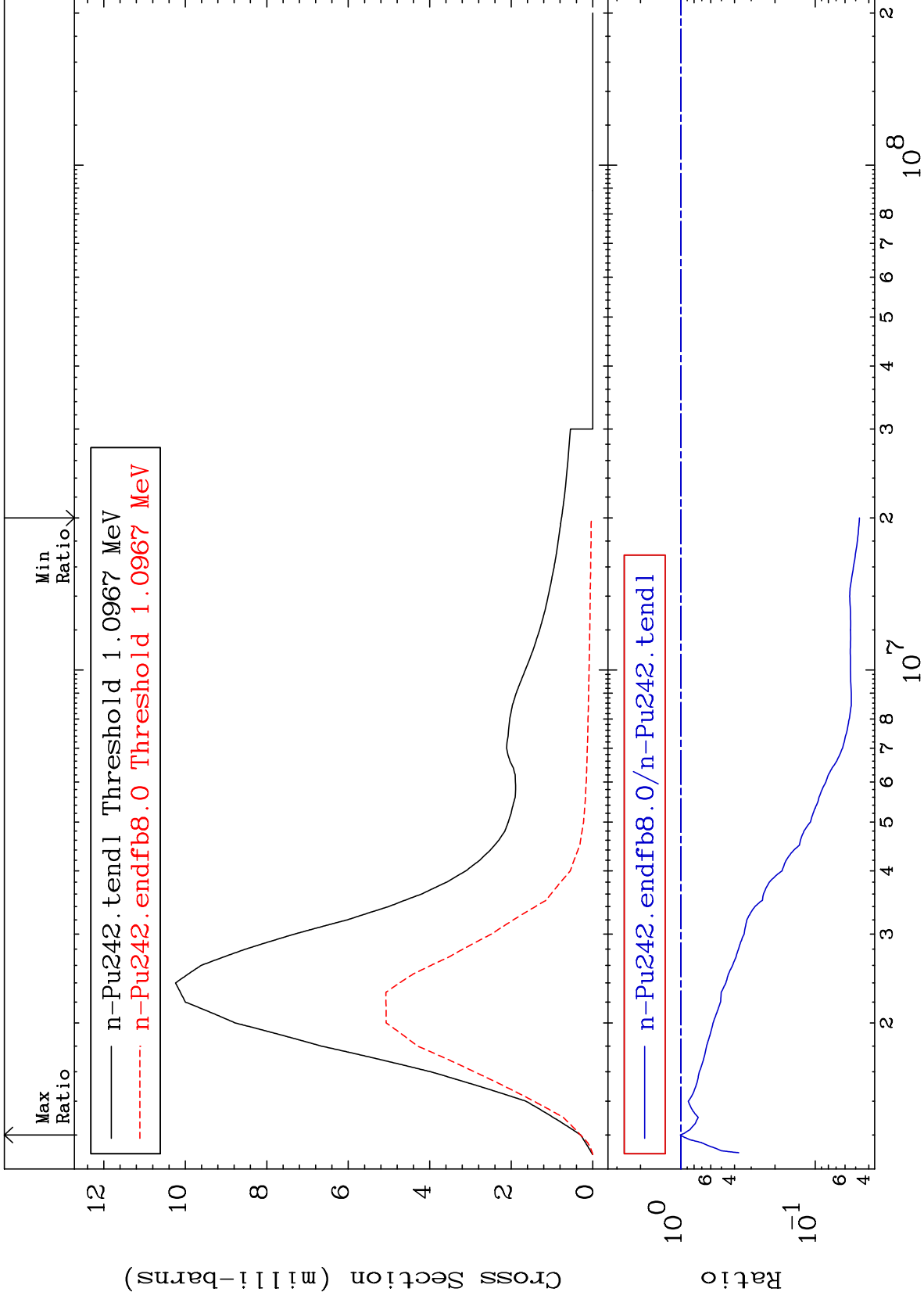




MAT 9446

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

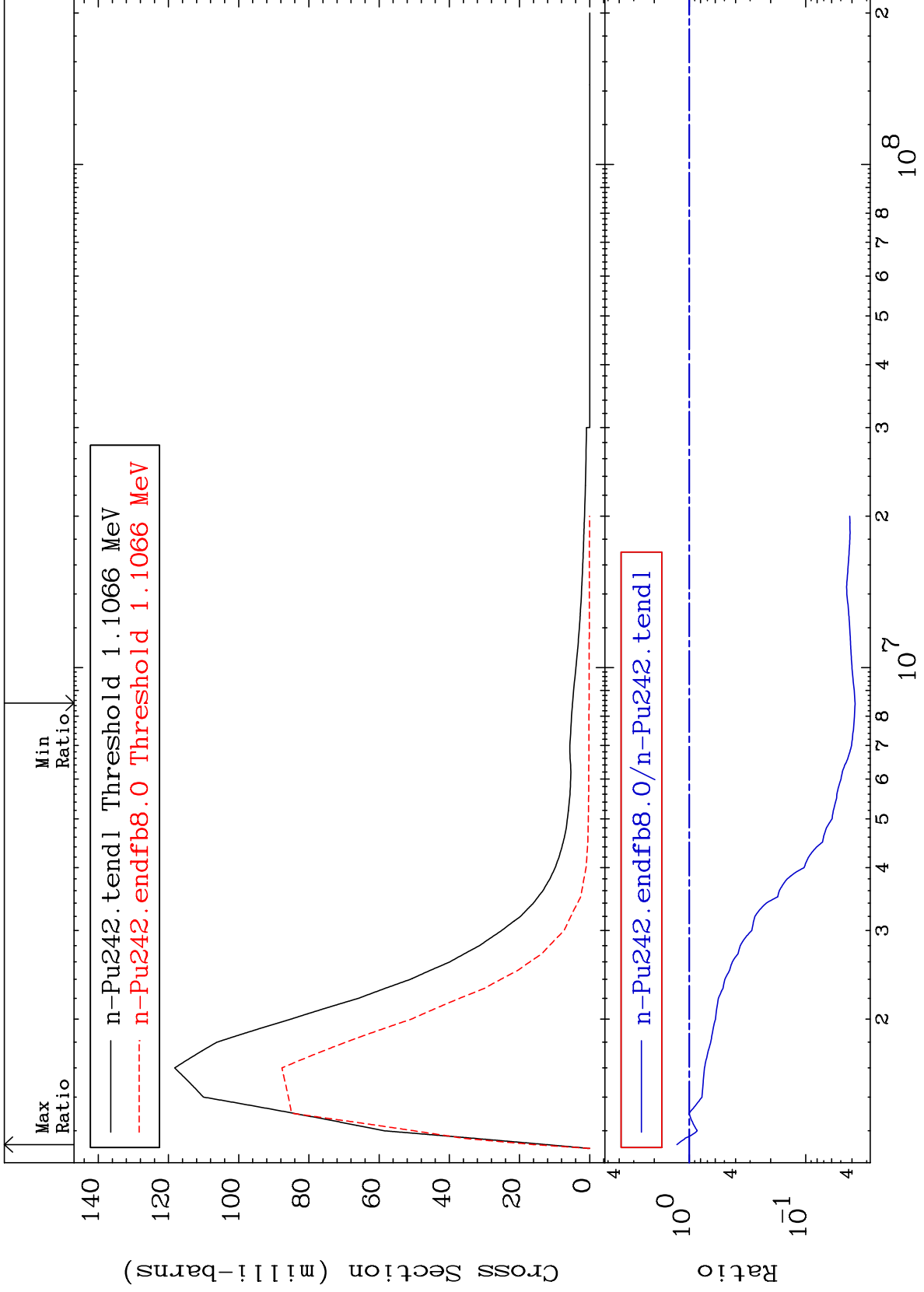
94-Pu-242  
-95.31 To 1.124 %



MAT 9446

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

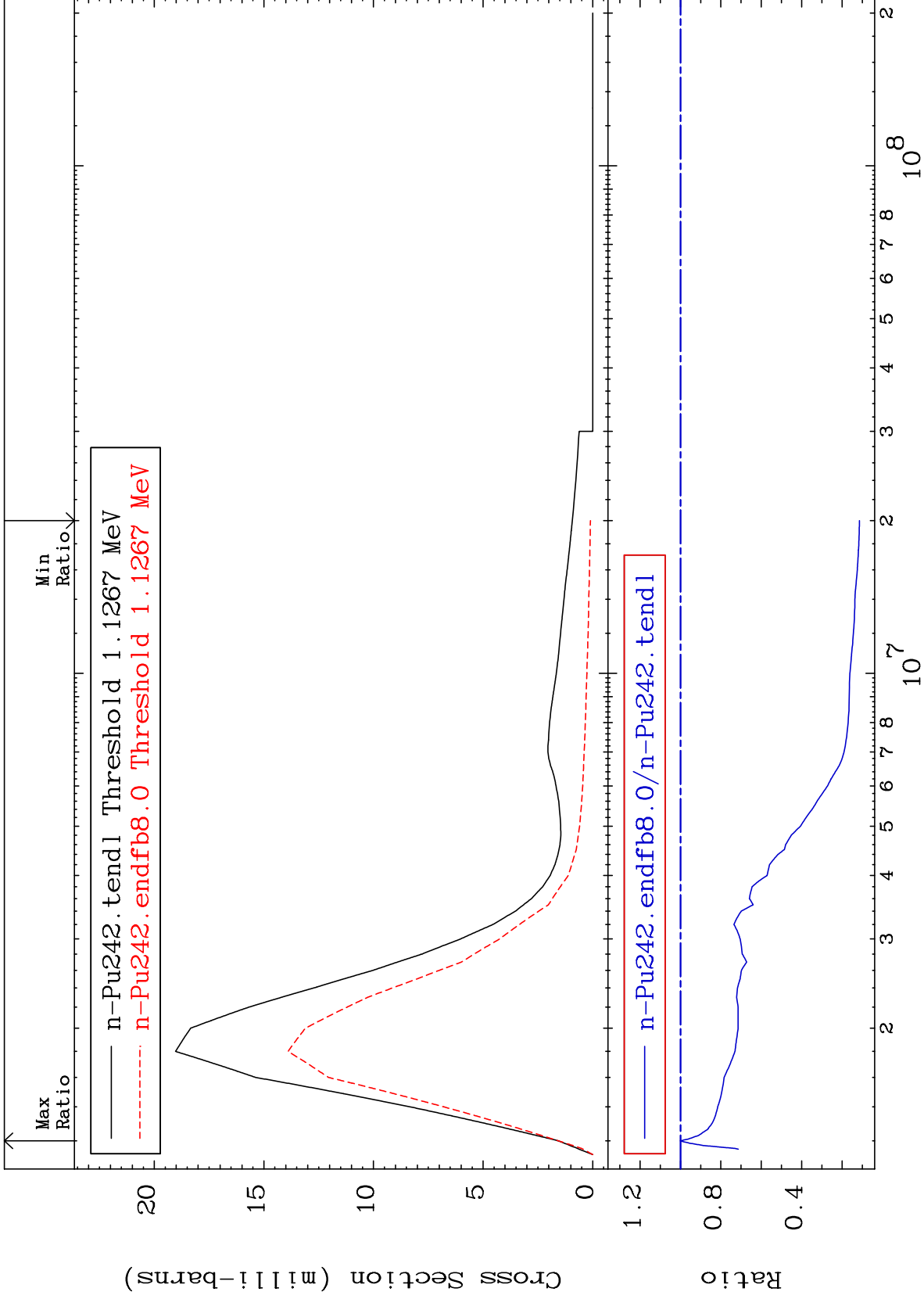
94-Pu-242  
-96.23 To 27.85 %



MAT 9446

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

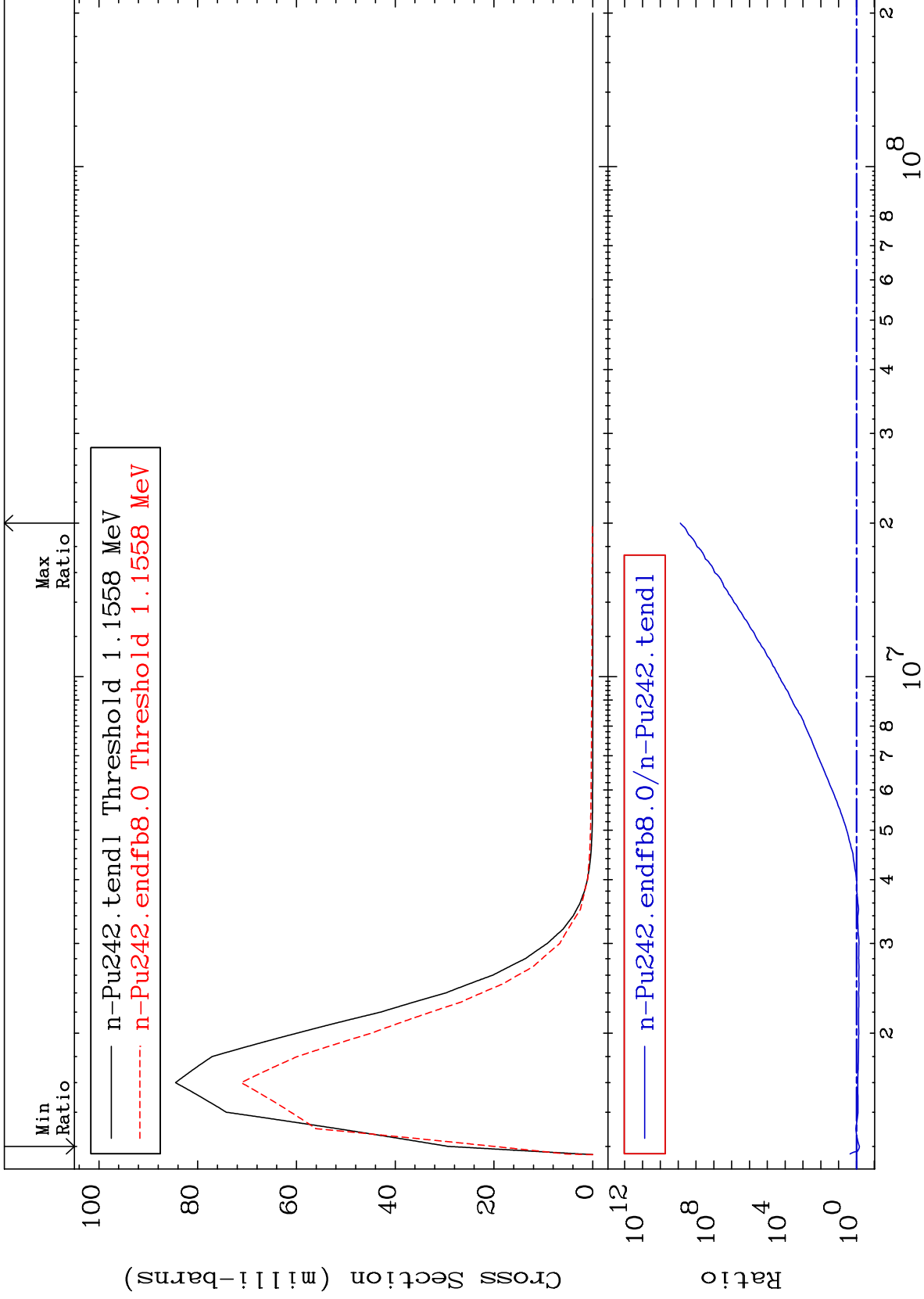
94-Pu-242  
-88.56 To 0.044 %



MAT 9446

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

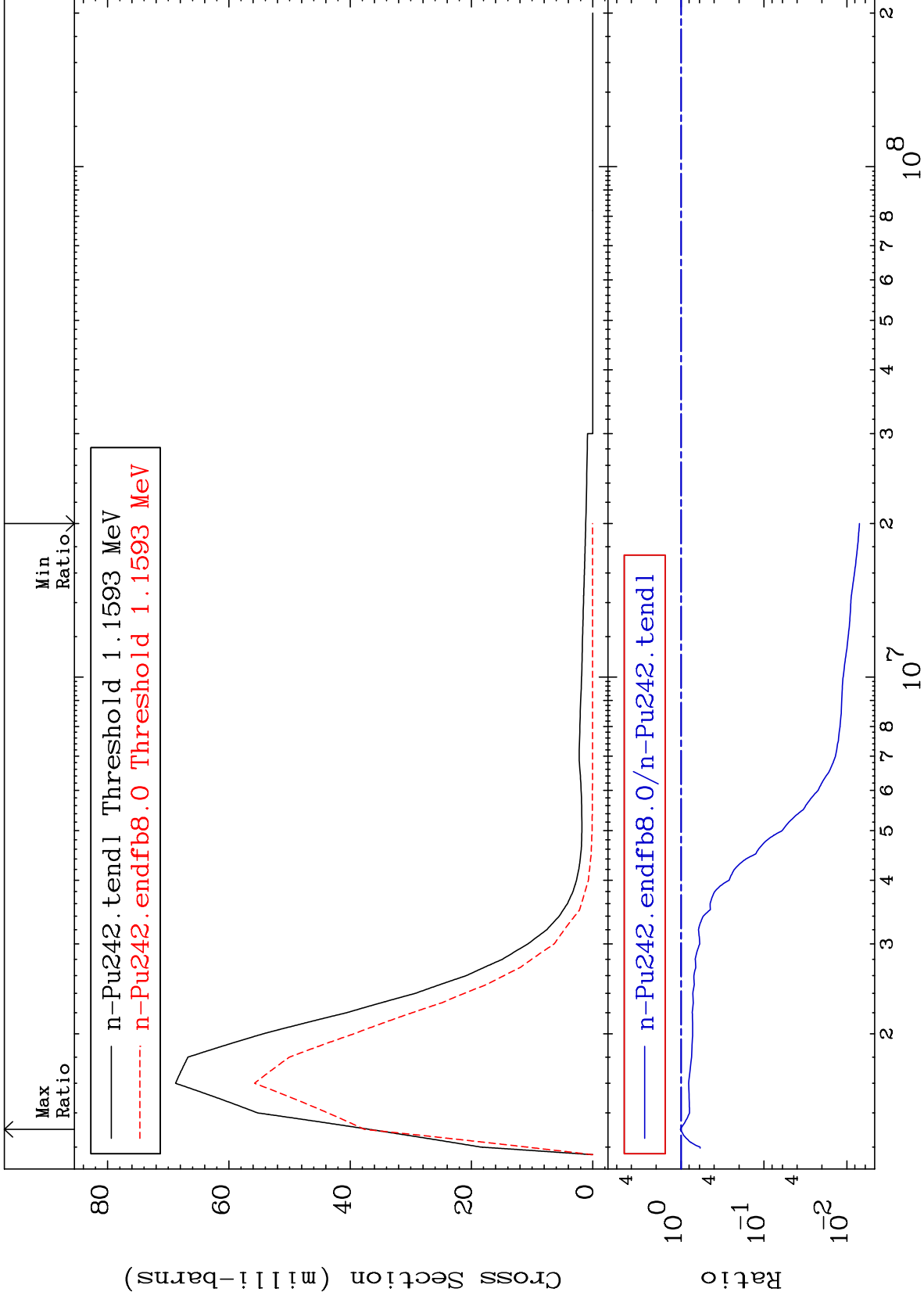
94-Pu-242  
-31.74 To 9999. %



MAT 9446

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

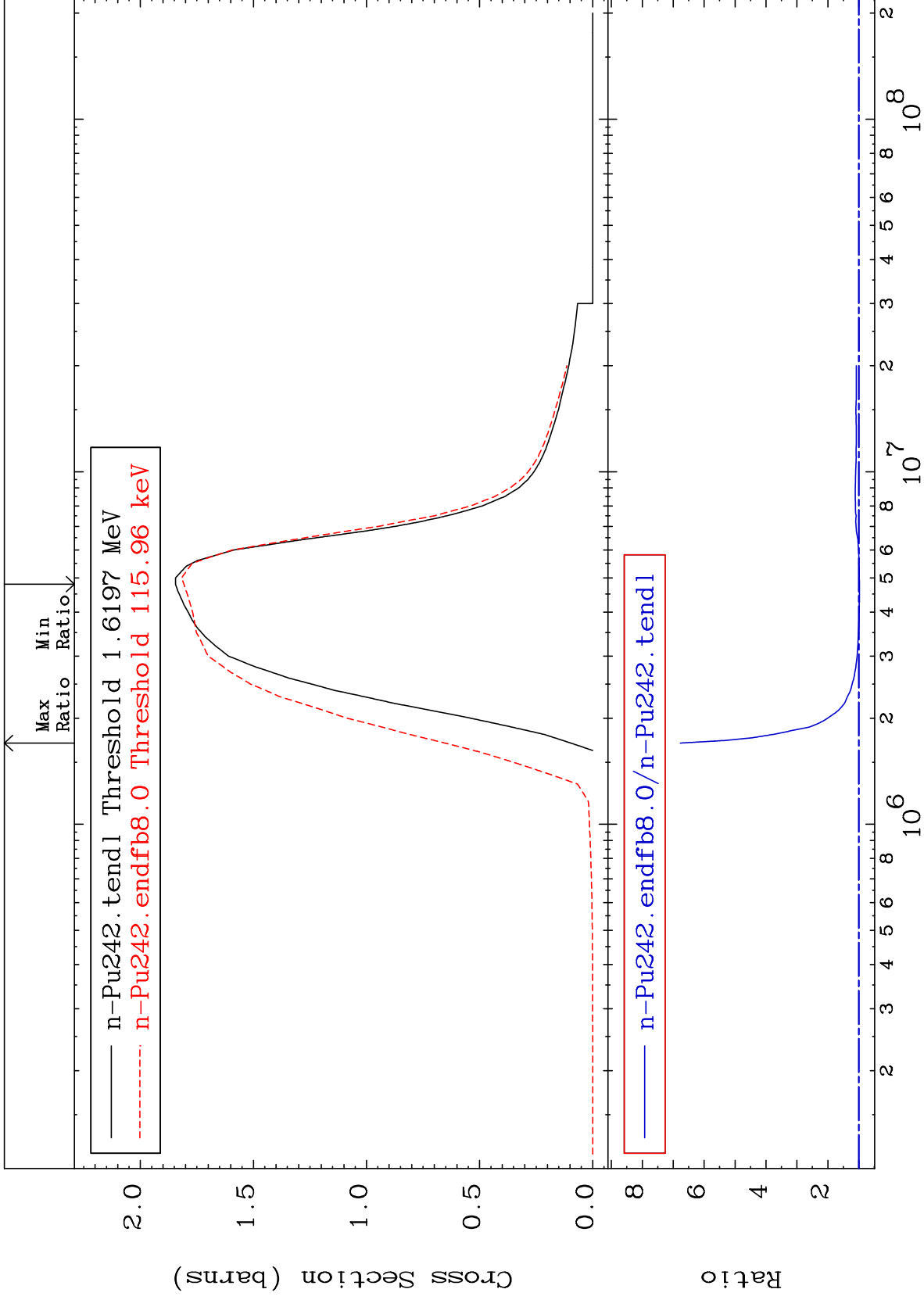
94-Pu-242  
-99.29 To 2.125 %



MAT 9446

(n, n') Continuum  
Cross Section

94-Pu-242  
-2.016 To 576.9 %



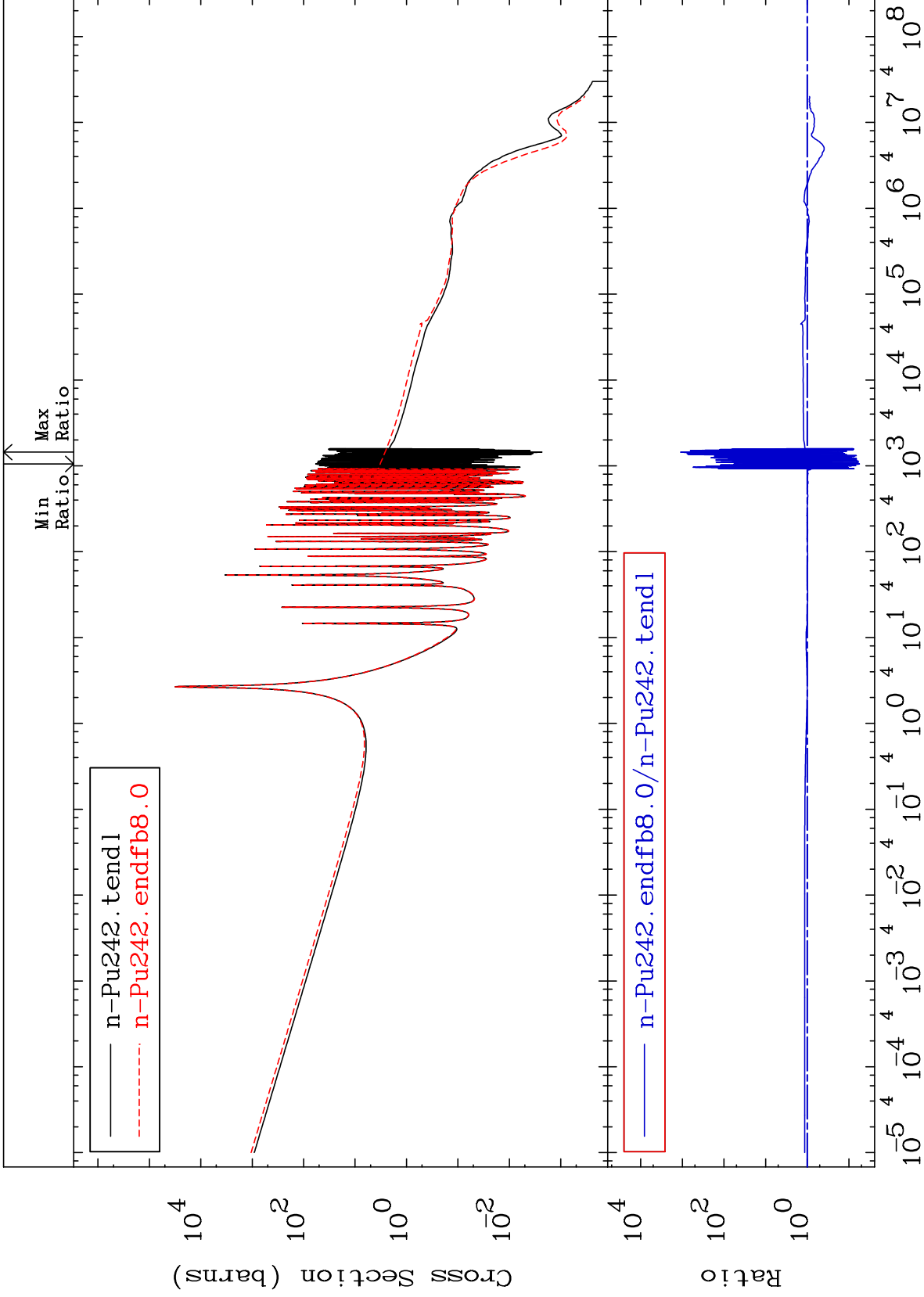
MAT 9446

(n,  $\gamma$ )

94-Pu-242

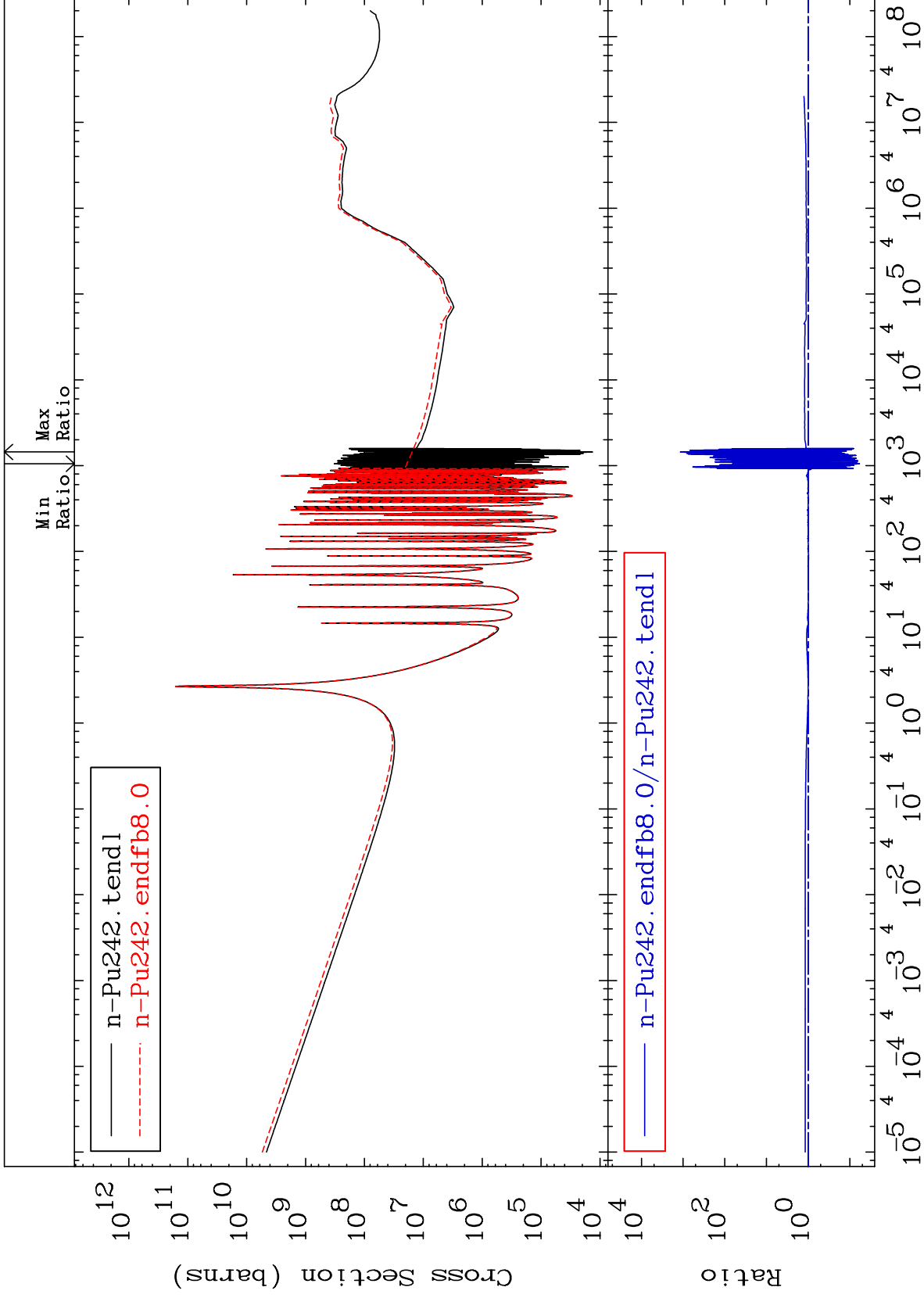
Cross Section

-94.42 To 9999. %



Cross Section

-94.15 To 9999. %

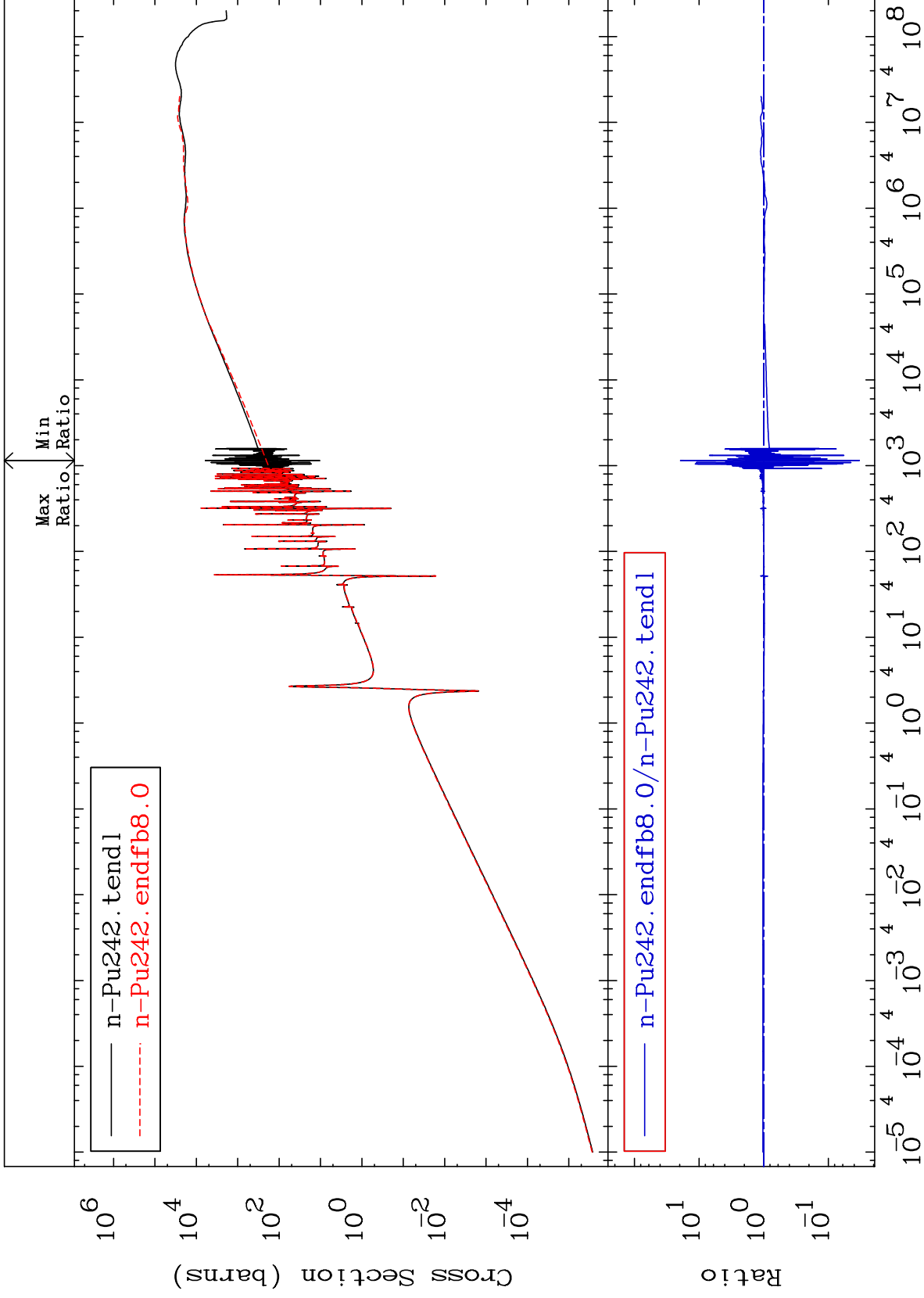




MAT 9446

Kerma elastic  
Cross Section

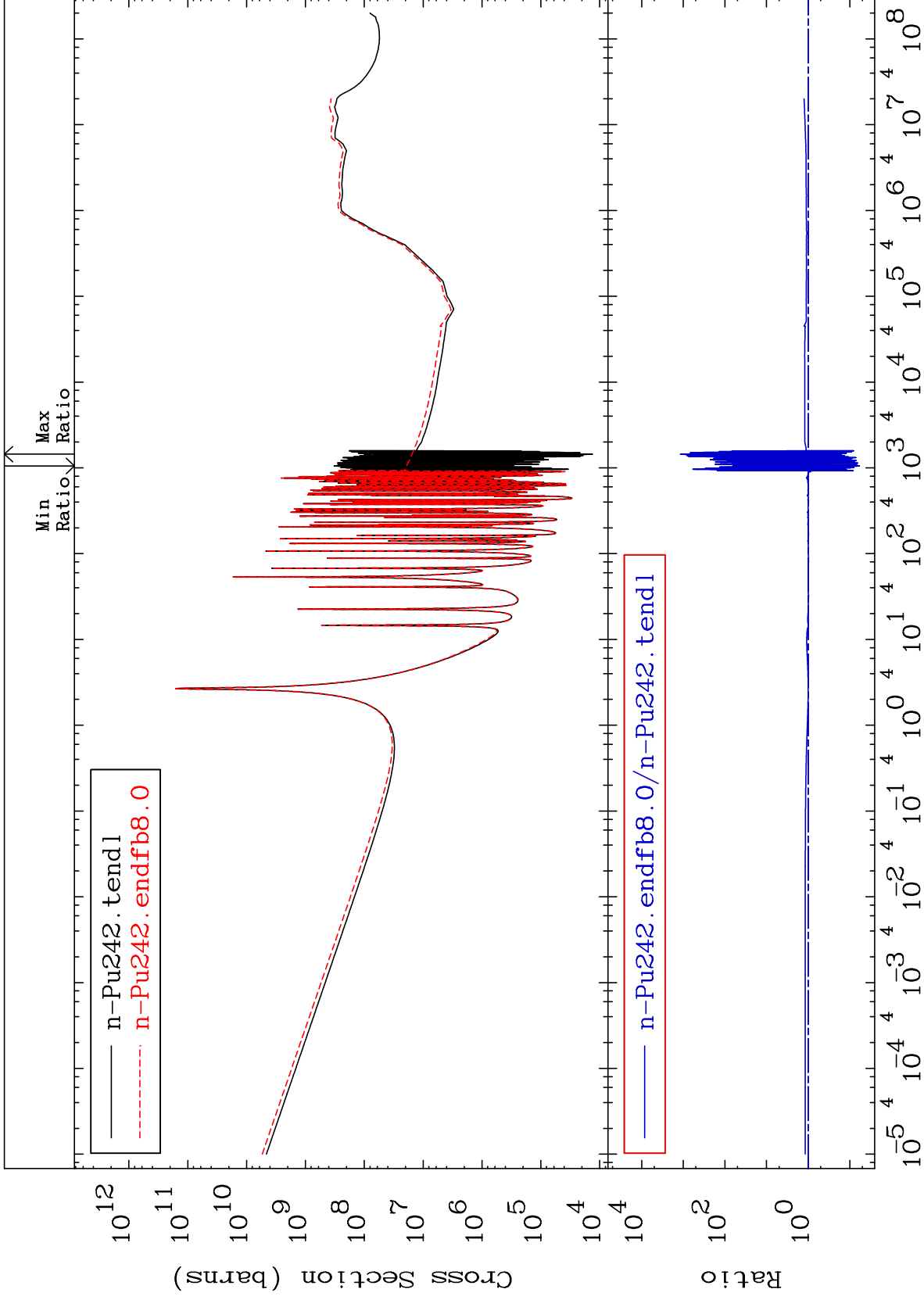
94-Pu-242  
-96.69 To 1846. %

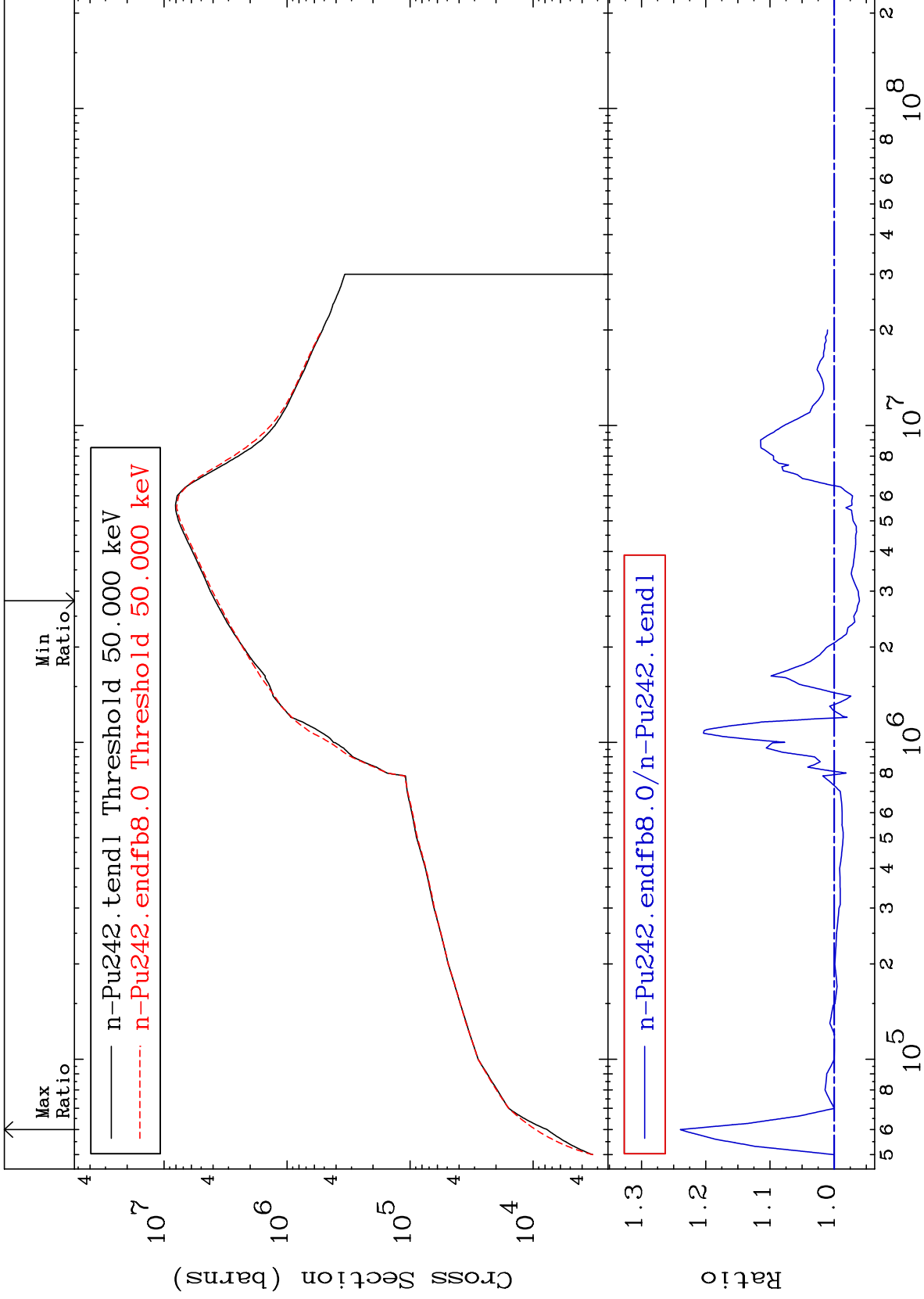


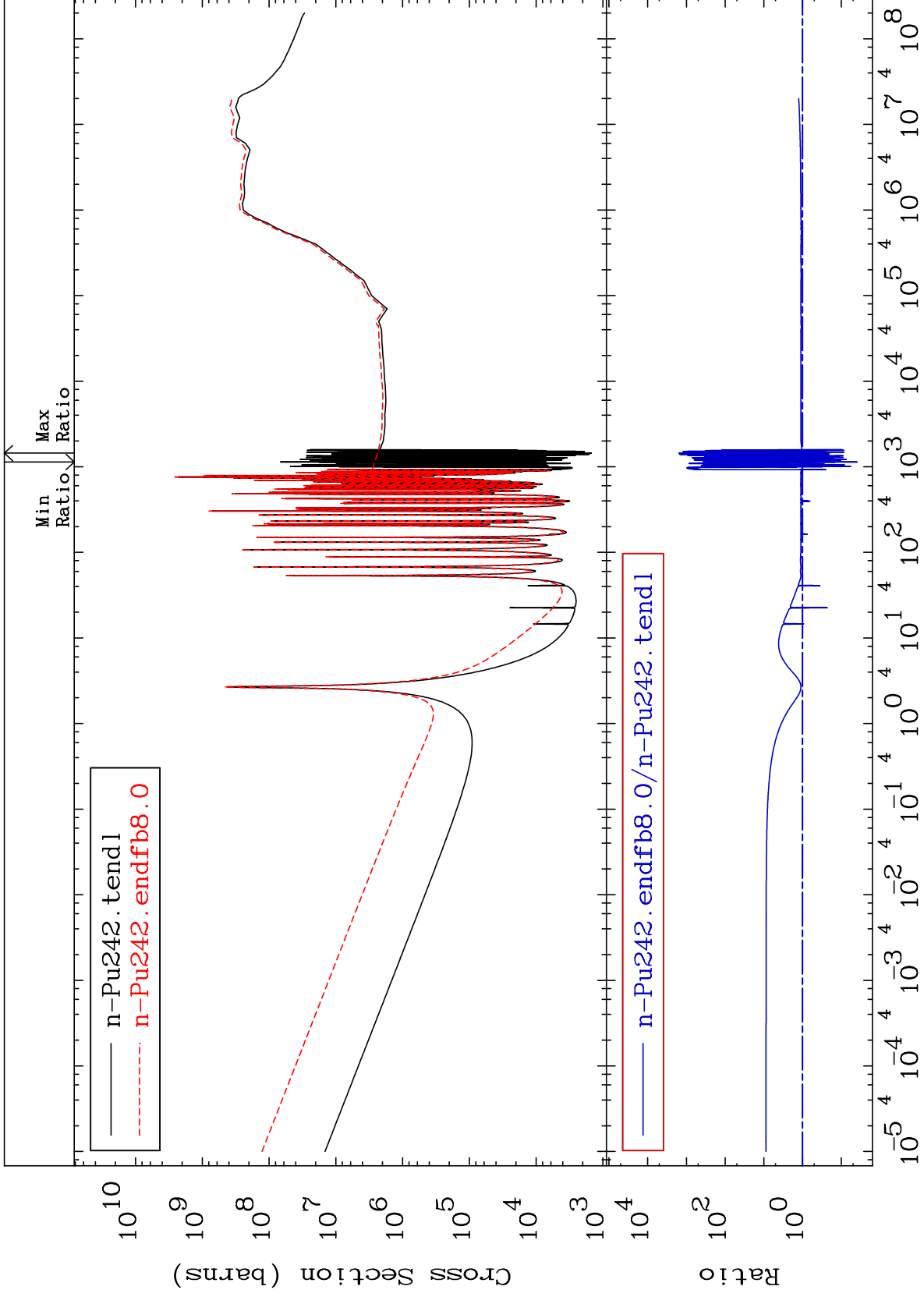
35

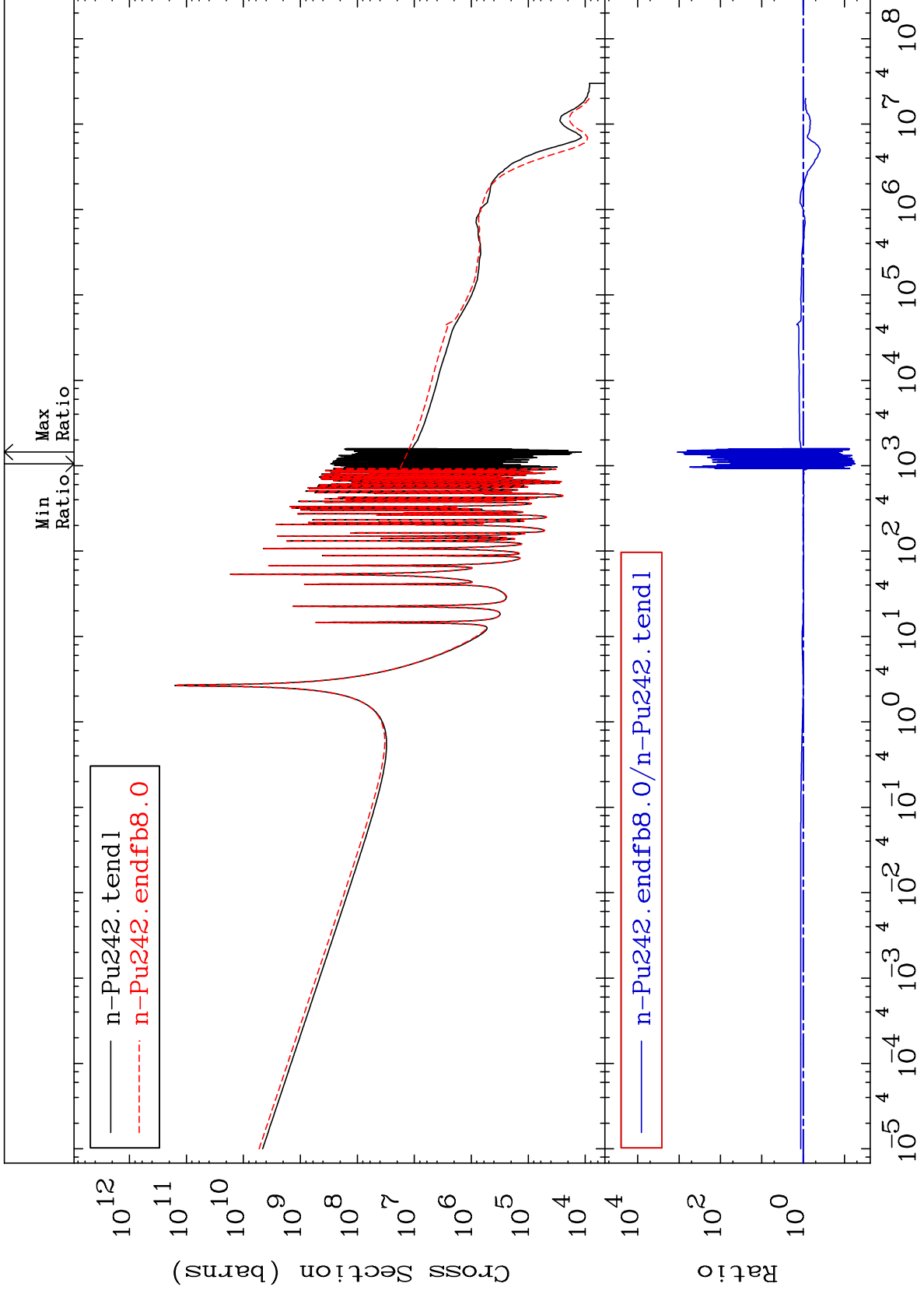
Incident Energy (eV)

94-Pu-242





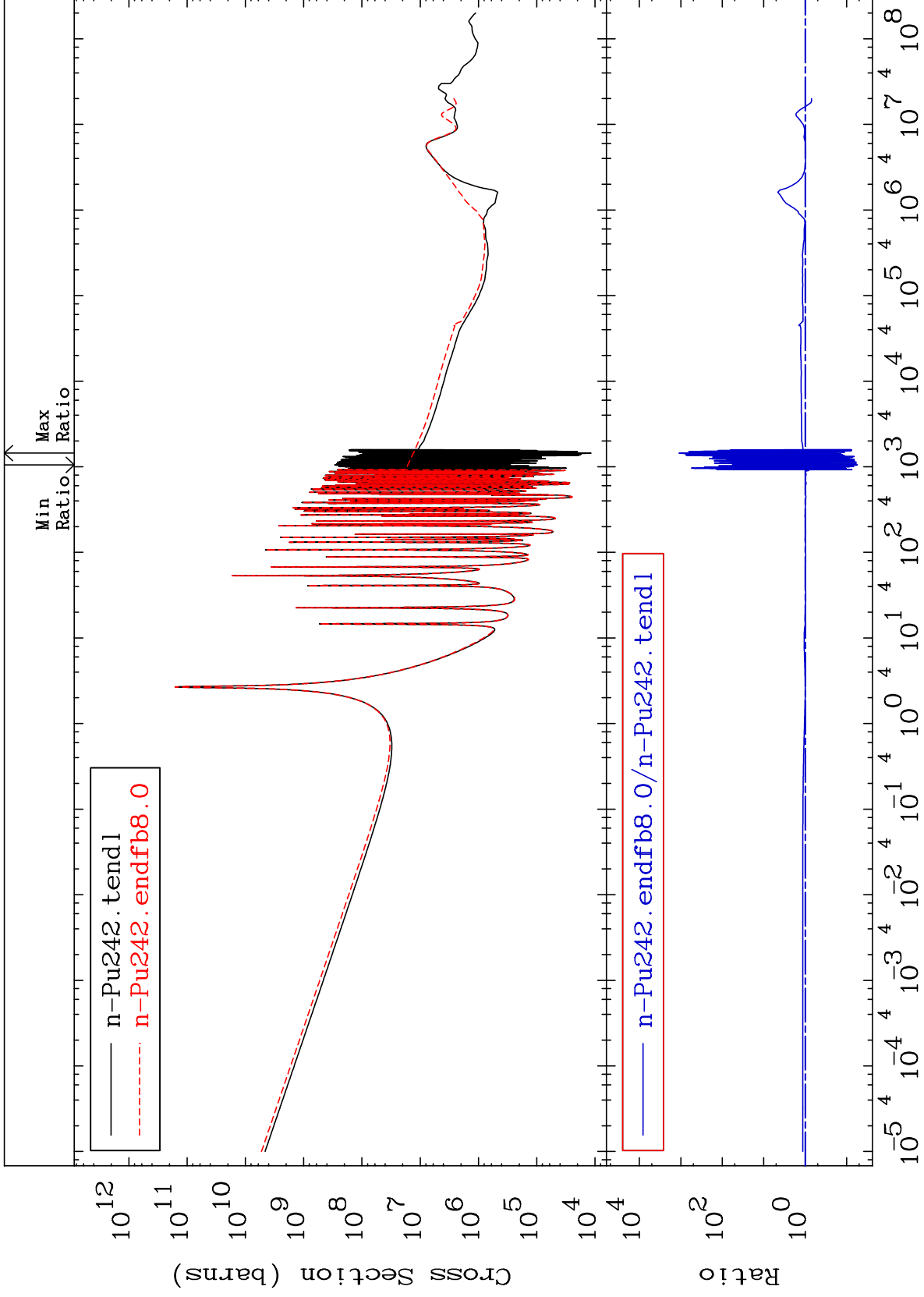




MAT 9446

Total photon (eV-barns)  
Cross Section

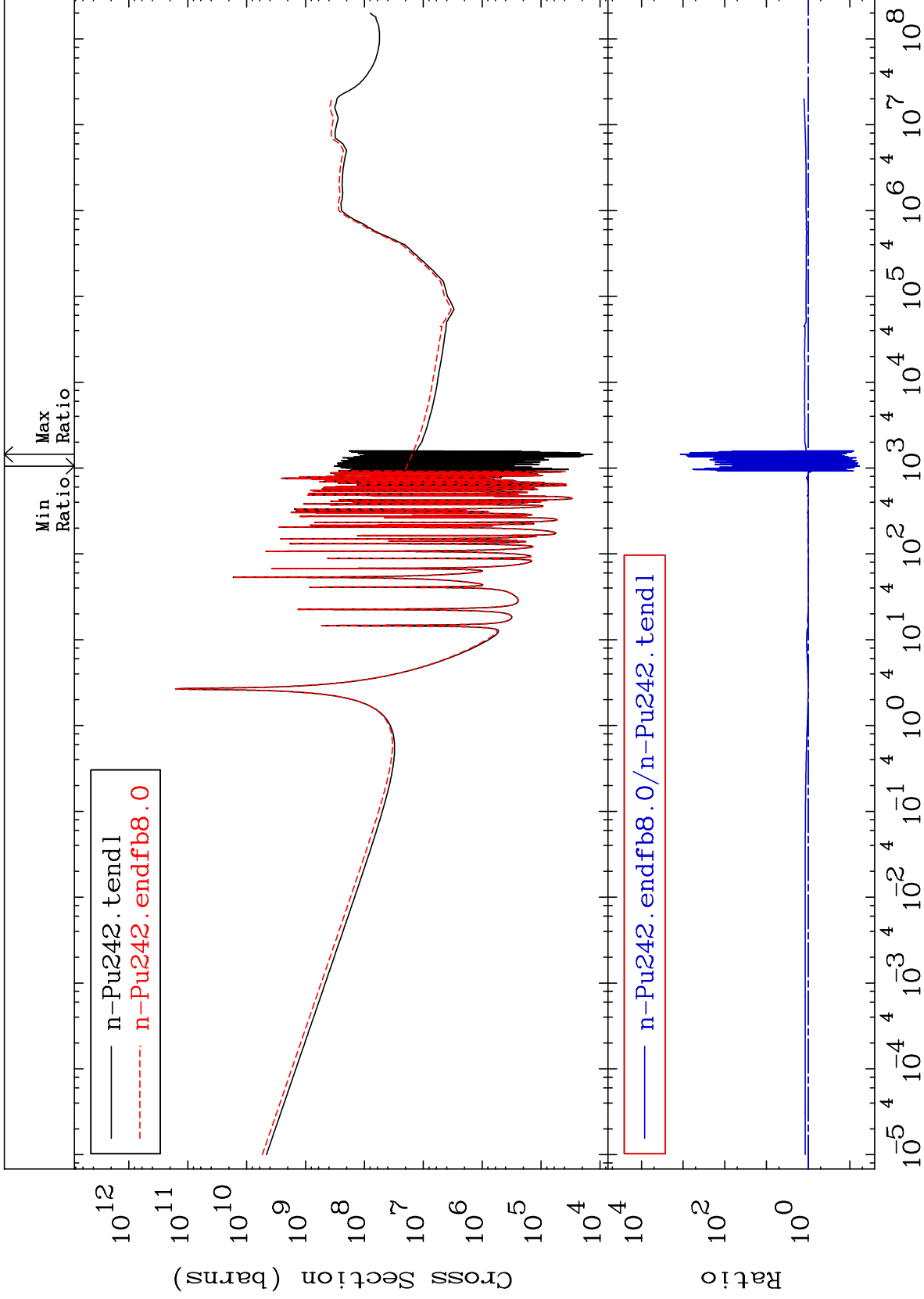
94-Pu-242  
-94.43 To 9999. %

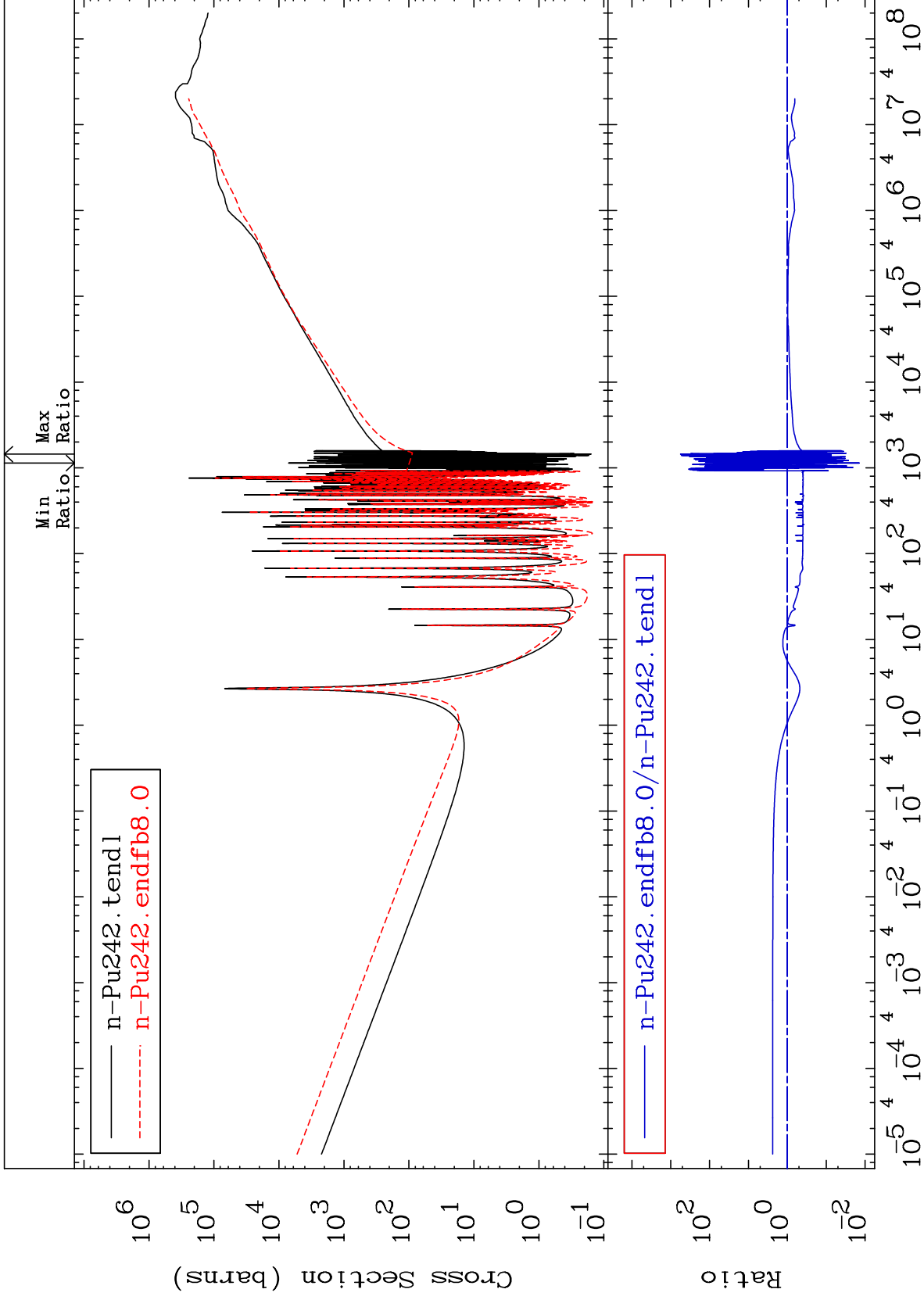


40

Incident Energy (eV)

94-Pu-242



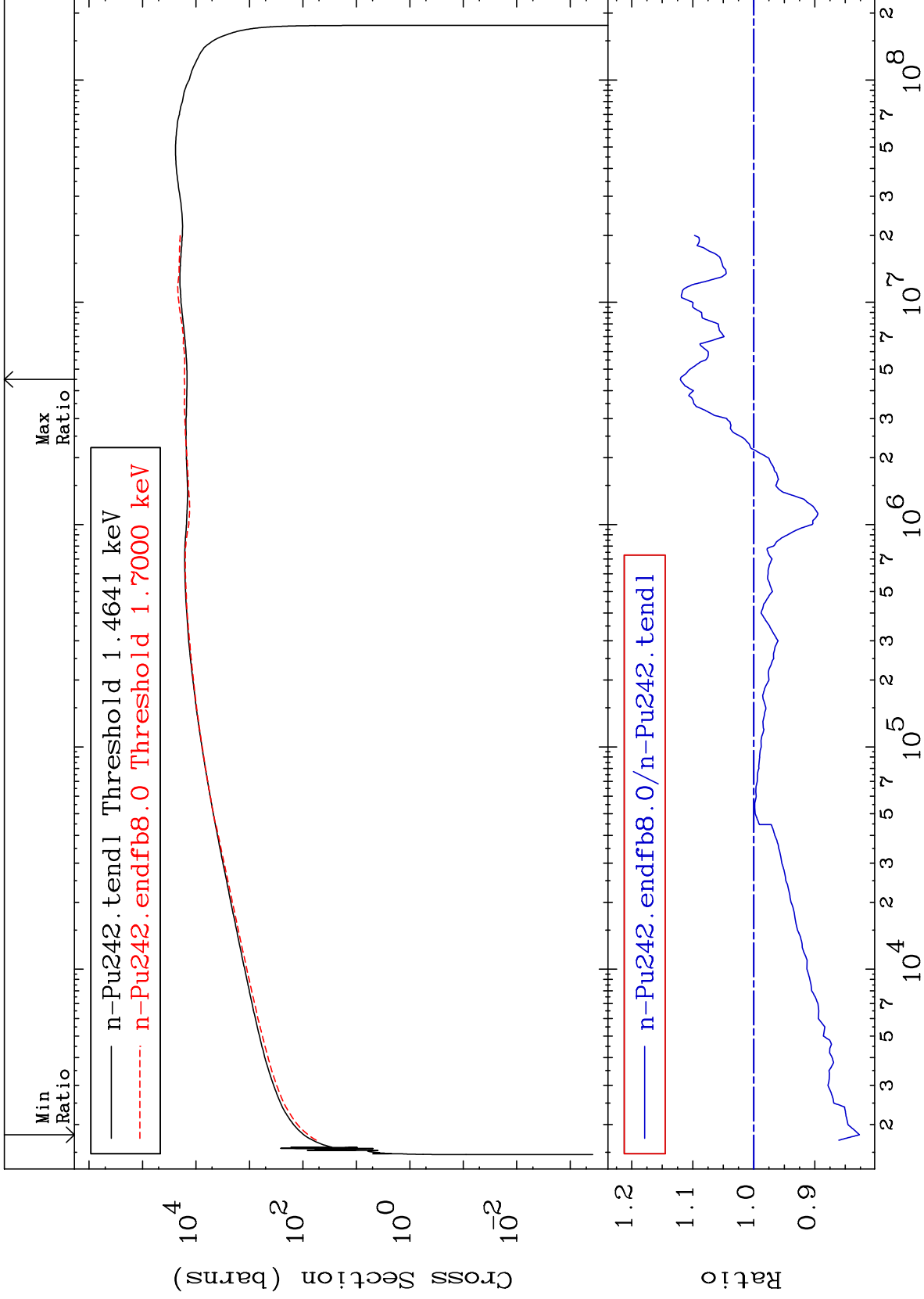




MAT 9446

Dpa elastic (mt2)  
Cross Section

94-Pu-242  
-17.32 To 12.03 %



MAT 9446

Dpa inelastic (mt51-91)  
Cross Section

94-Pu-242  
0.093 To 250.9 %

