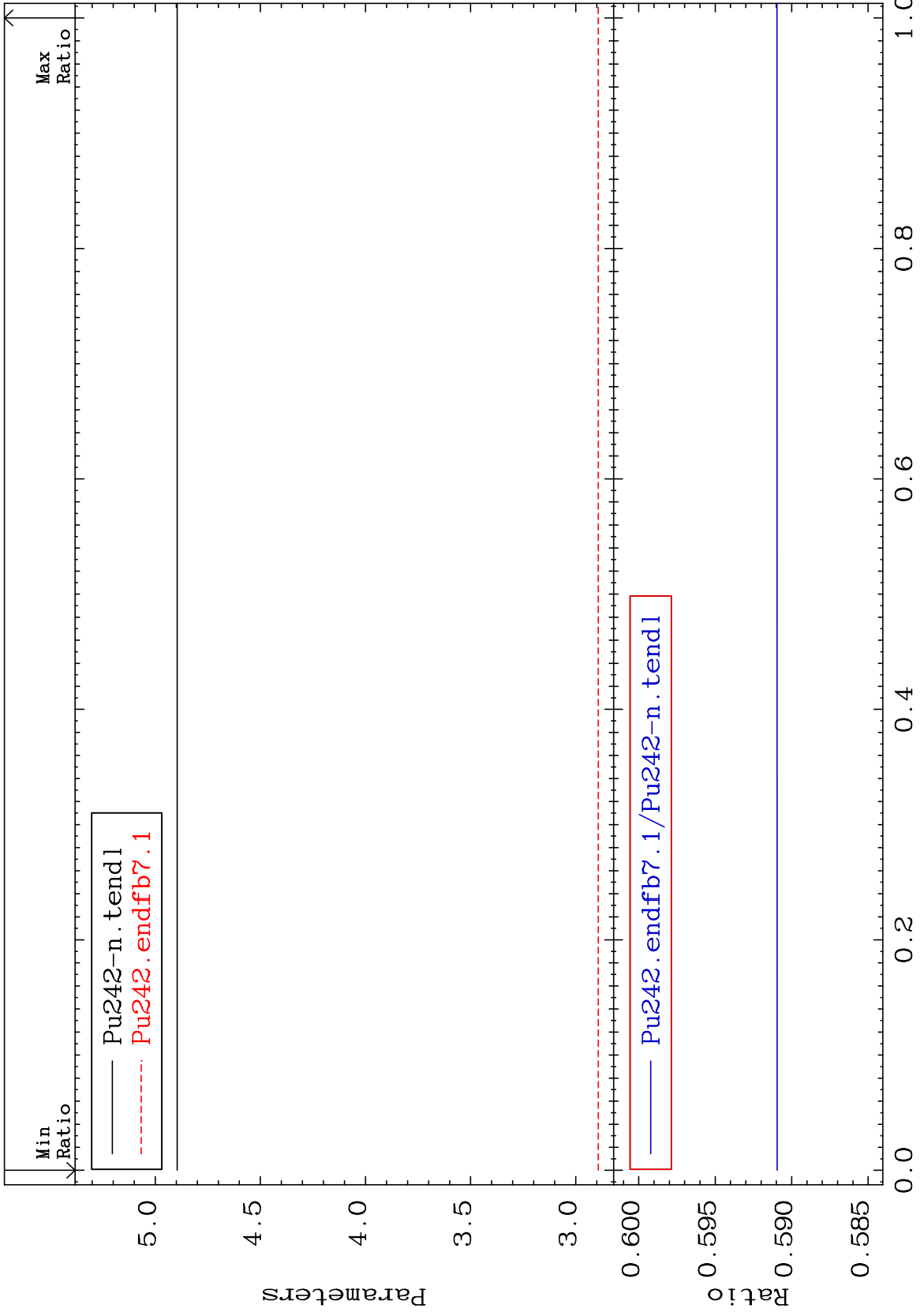


MAT 9446

Total $\bar{\nu}$
Parameters

94-Pu-242
-40.90 To -40.90%



1

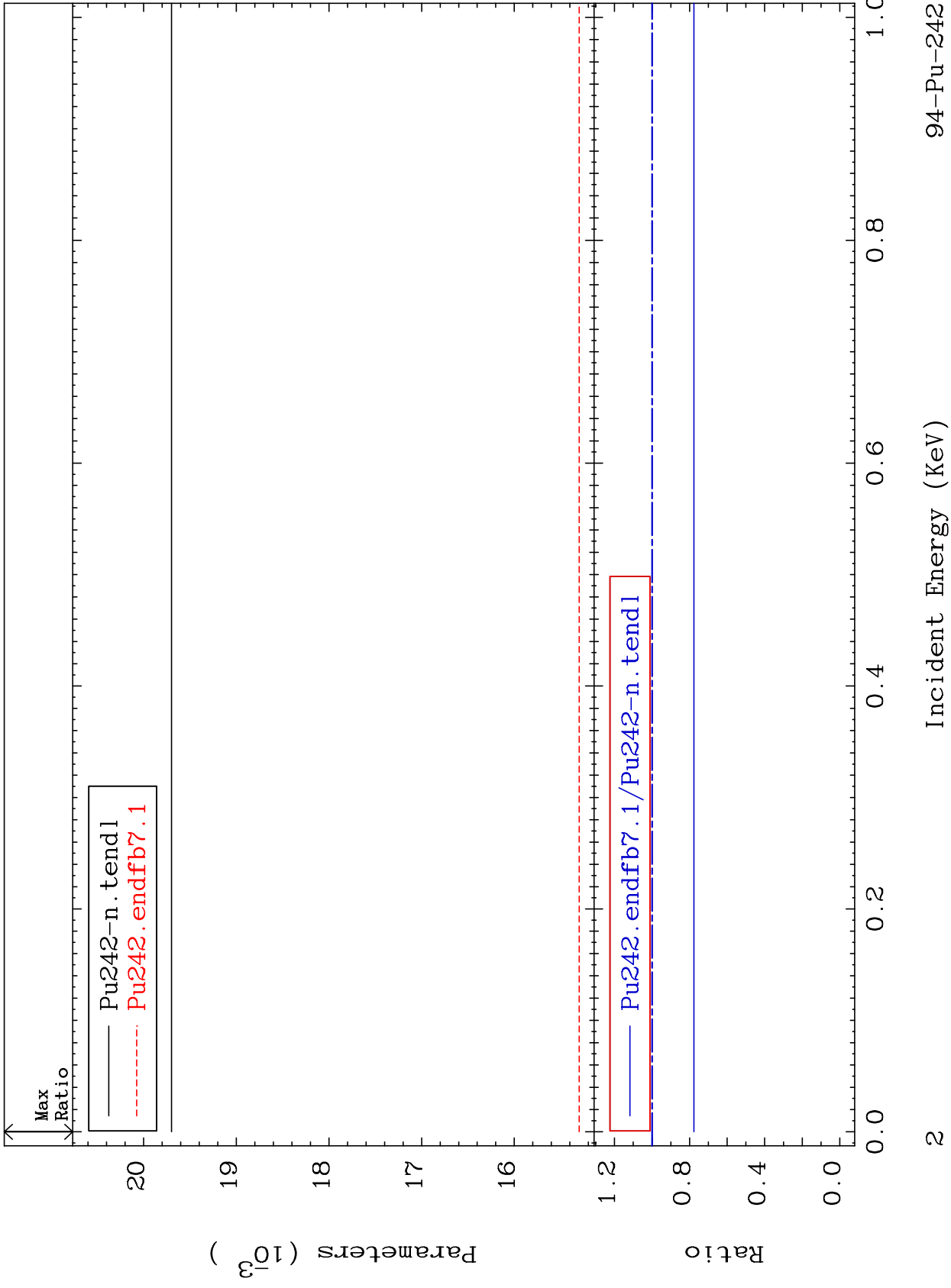
Incident Energy (KeV)

94-Pu-242

MAT 9446

Delayed $\bar{\nu}$
Parameters

94-Pu-242
-22.34 To -22.34%



2

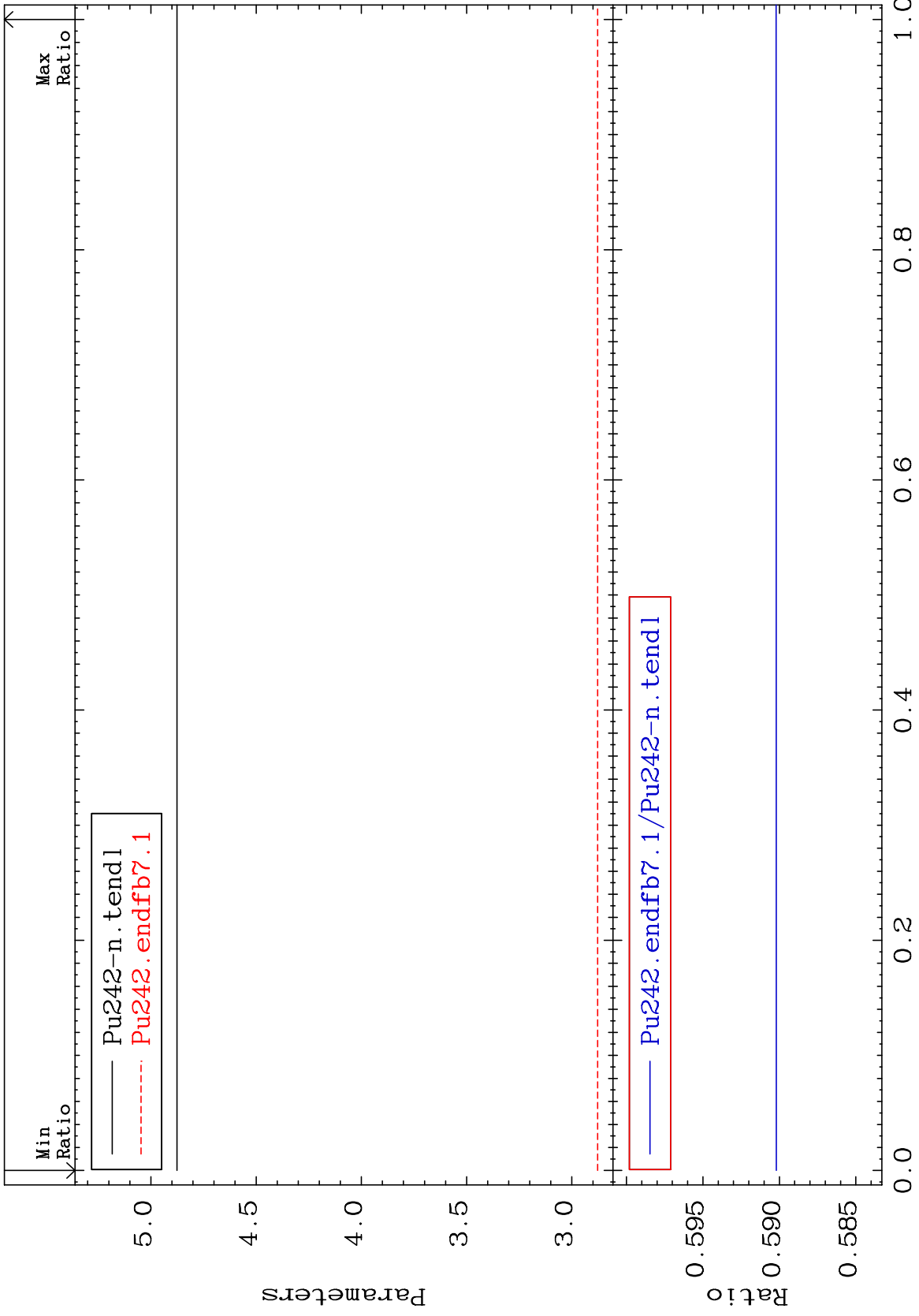
Incident Energy (KeV)

94-Pu-242

MAT 9446

Prompt $\bar{\nu}$
Parameters

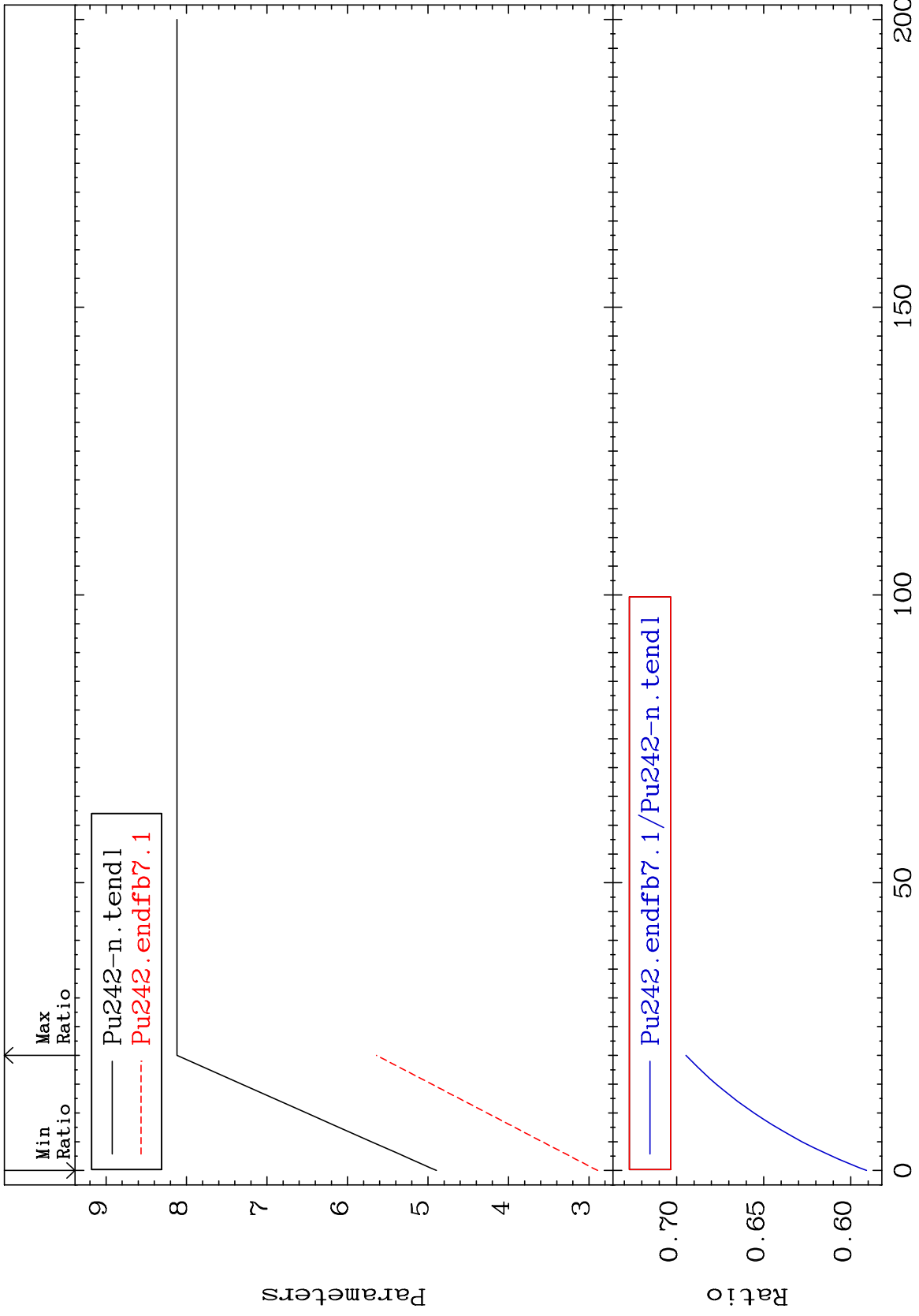
94-Pu-242
-40.98 To -40.98%



MAT 9446

Total $\bar{\nu}$
Parameters

94-Pu-242
-40.90 To -30.54%



1

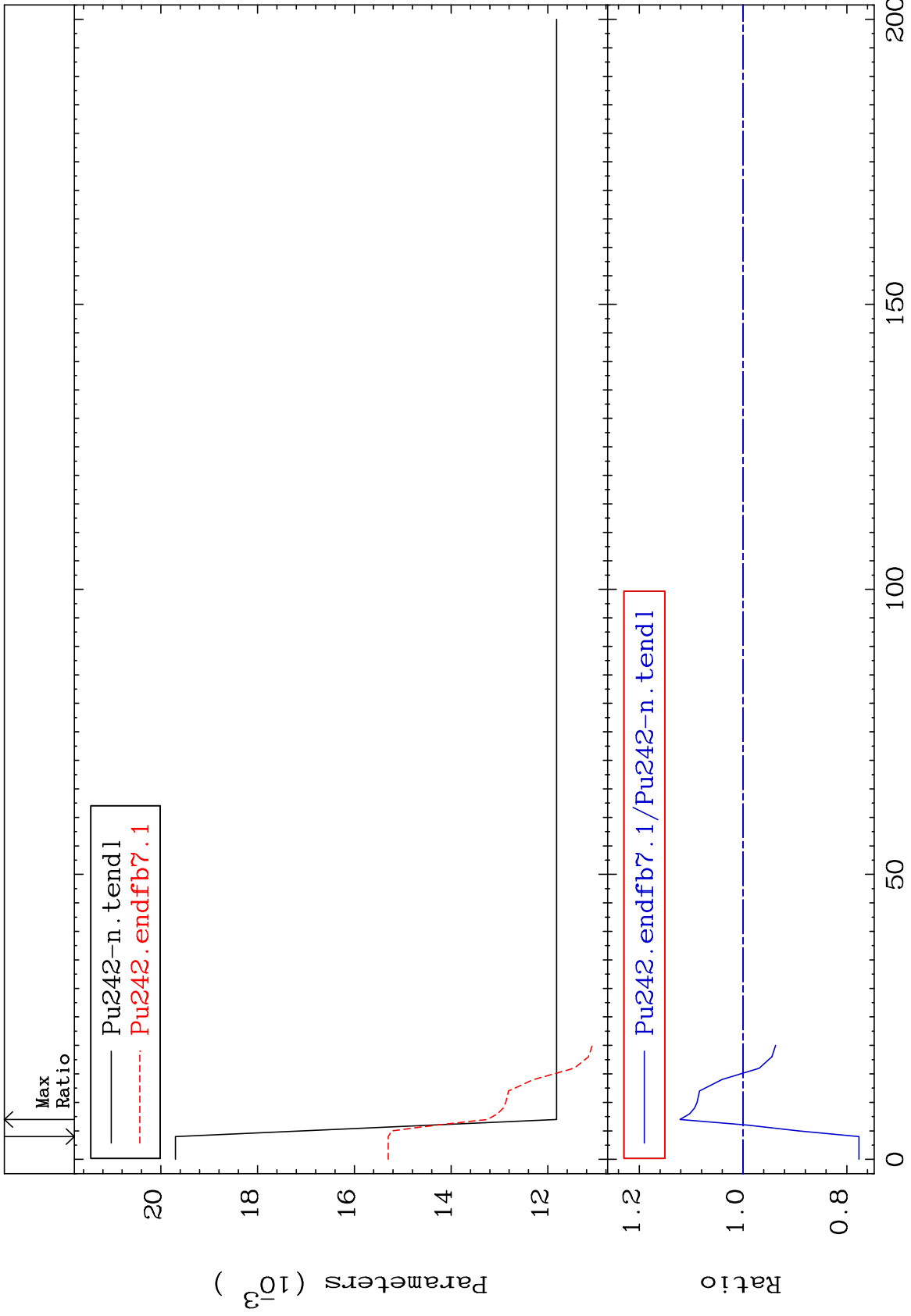
Incident Energy (MeV)

94-Pu-242

MAT 9446

Delayed $\bar{\nu}$
Parameters

94-Pu-242
-22.34 To 12.16 %



Incident Energy (MeV)

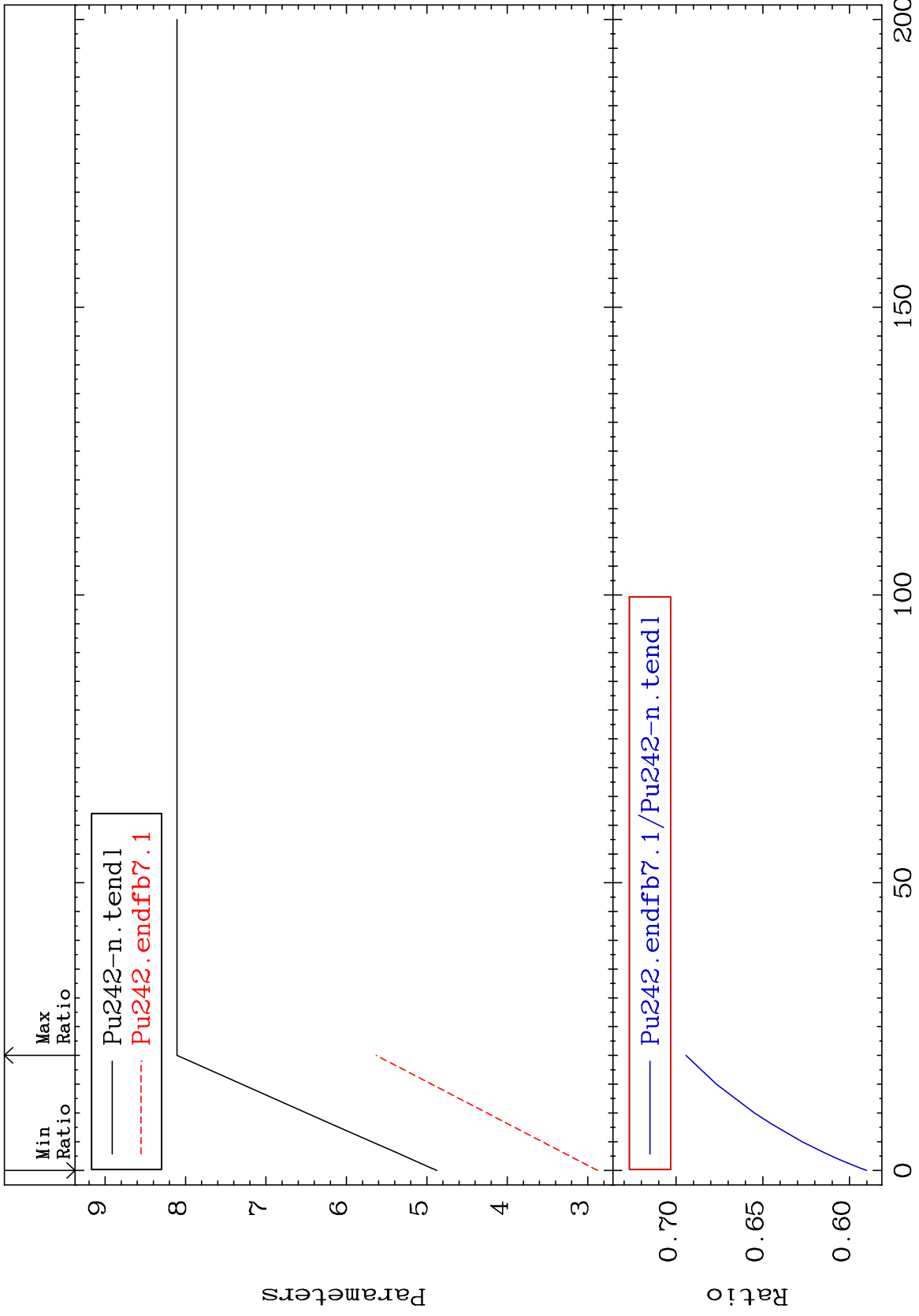
94-Pu-242

2

MAT 9446

Prompt $\bar{\nu}$
Parameters

94-Pu-242
-40.98 To -30.57%



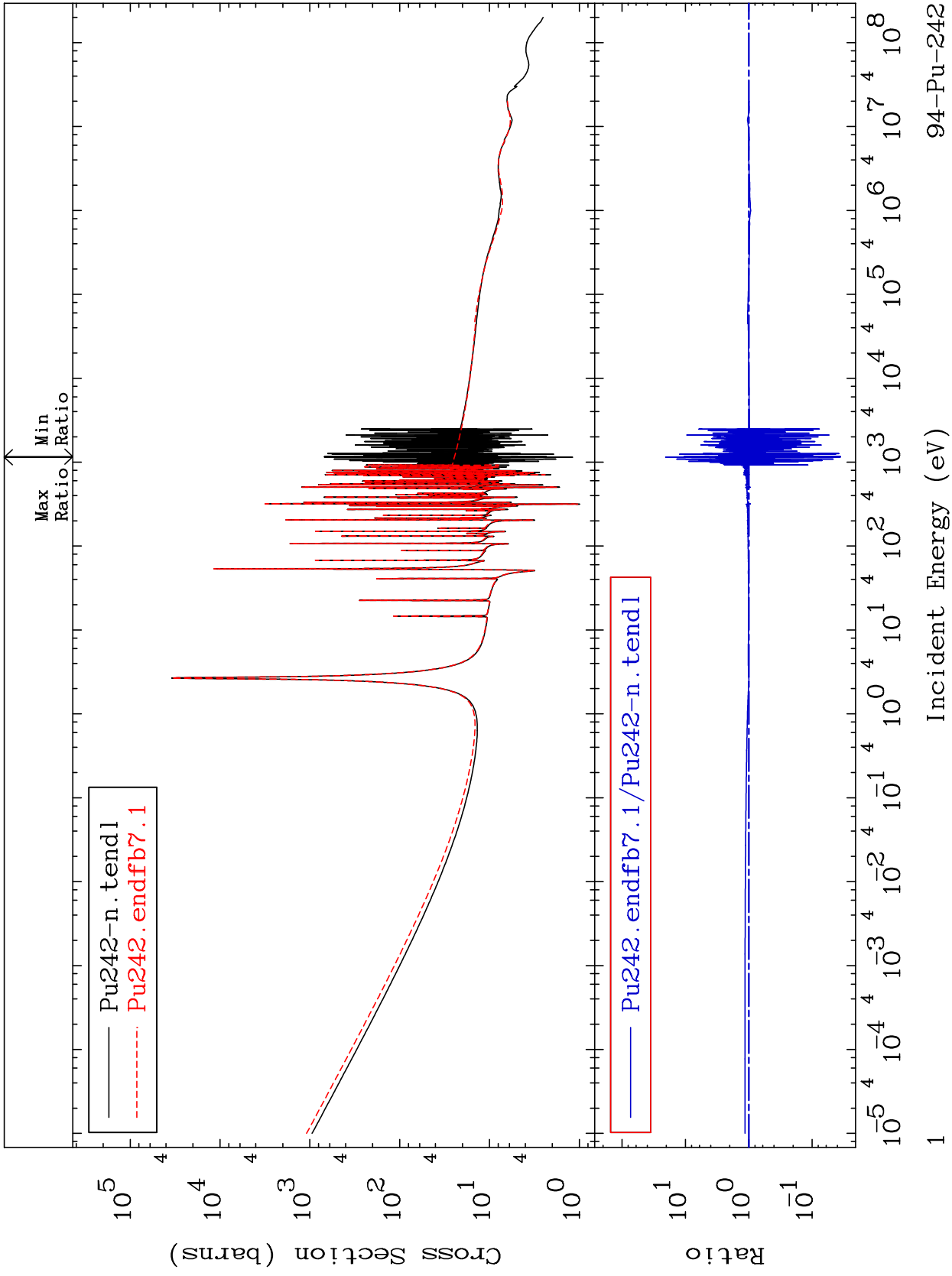
3

Incident Energy (MeV)

94-Pu-242

MAT 9446

Total Cross Section
94-Pu-242
-96.45 To 1962. %



94-Pu-242

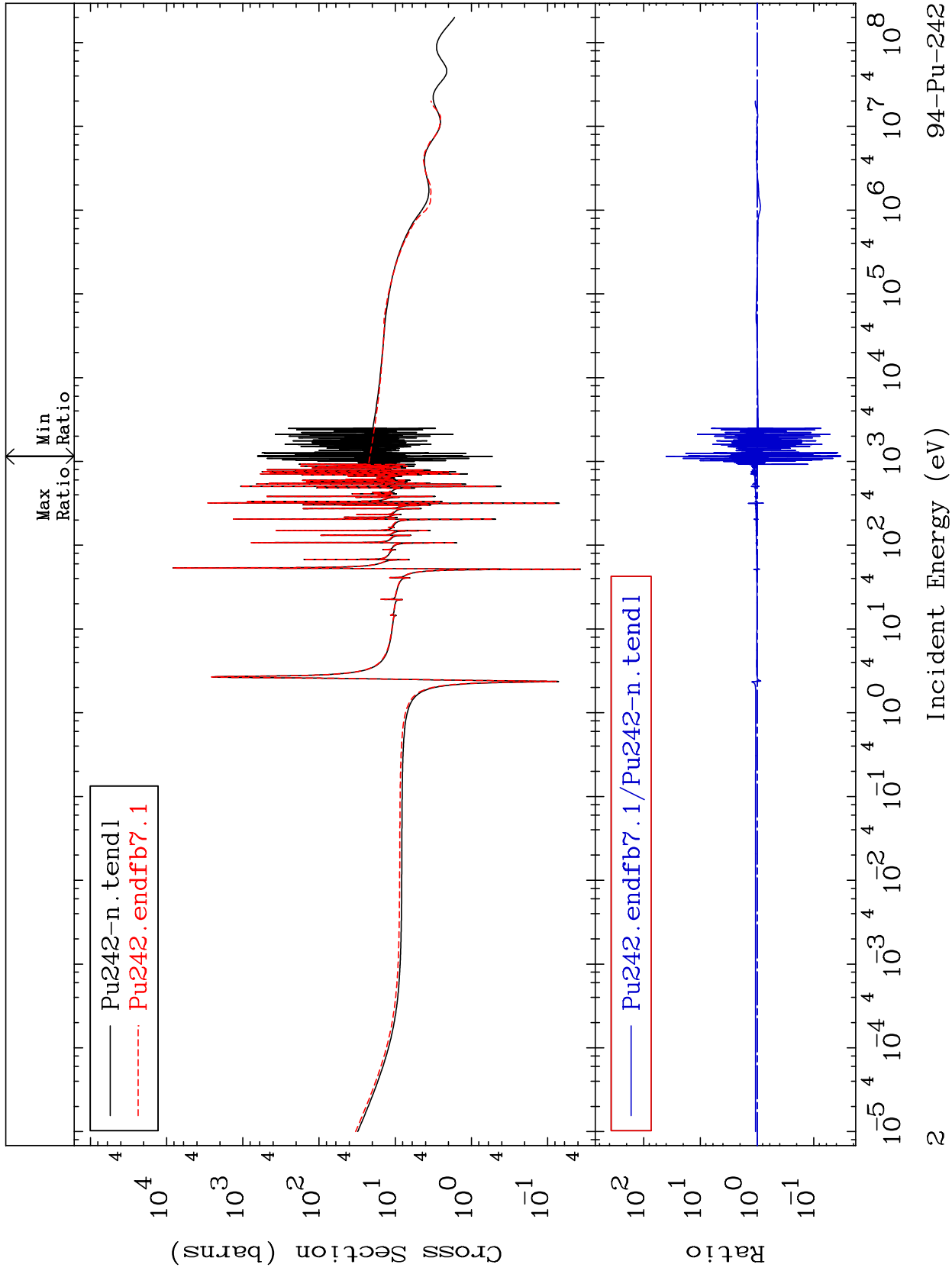
MAT 9446

Elastic

94-Pu-242

Cross Section

-96.66 To 3941. %

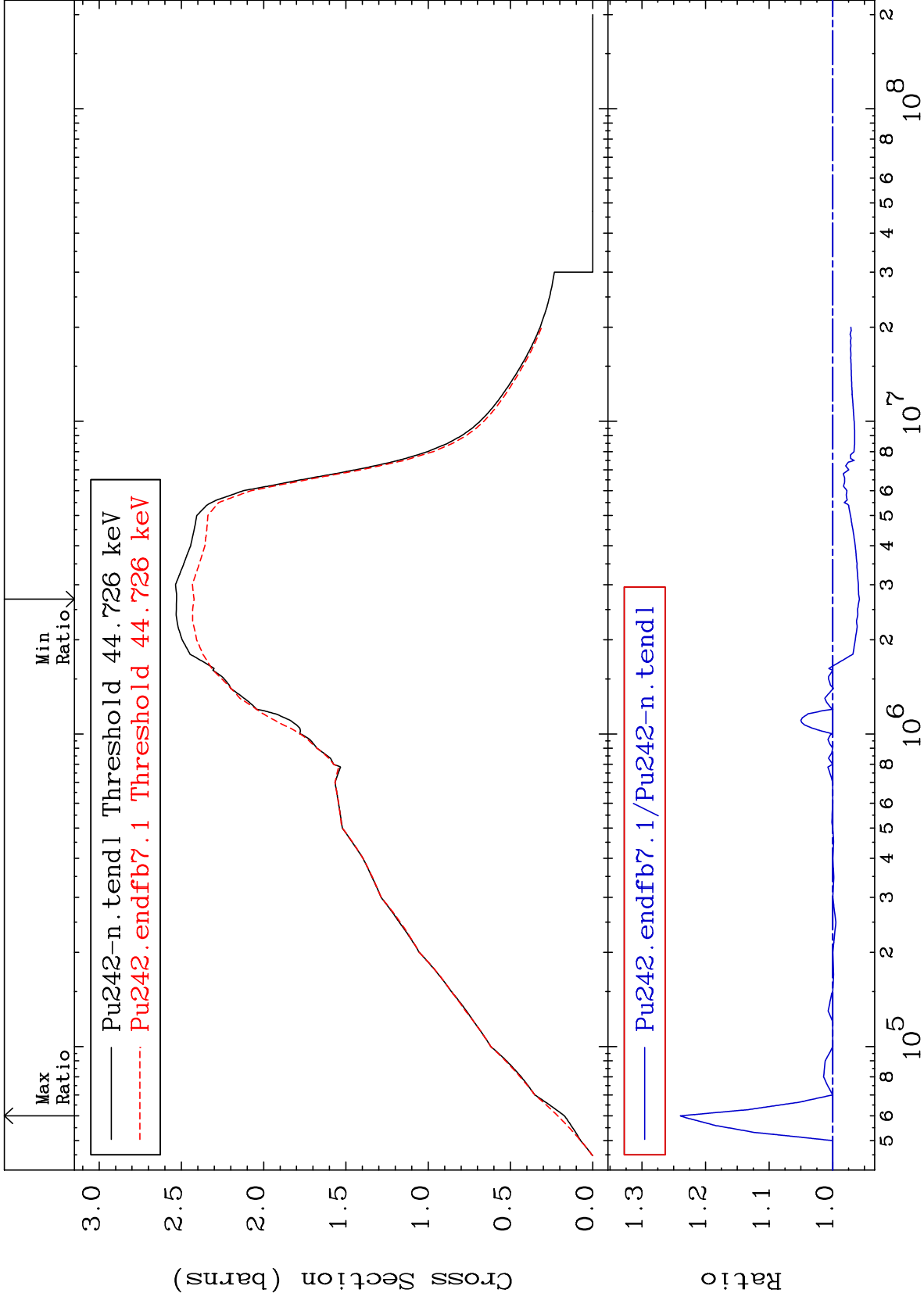


94-Pu-242

MAT 9446

Inelastic
Cross Section

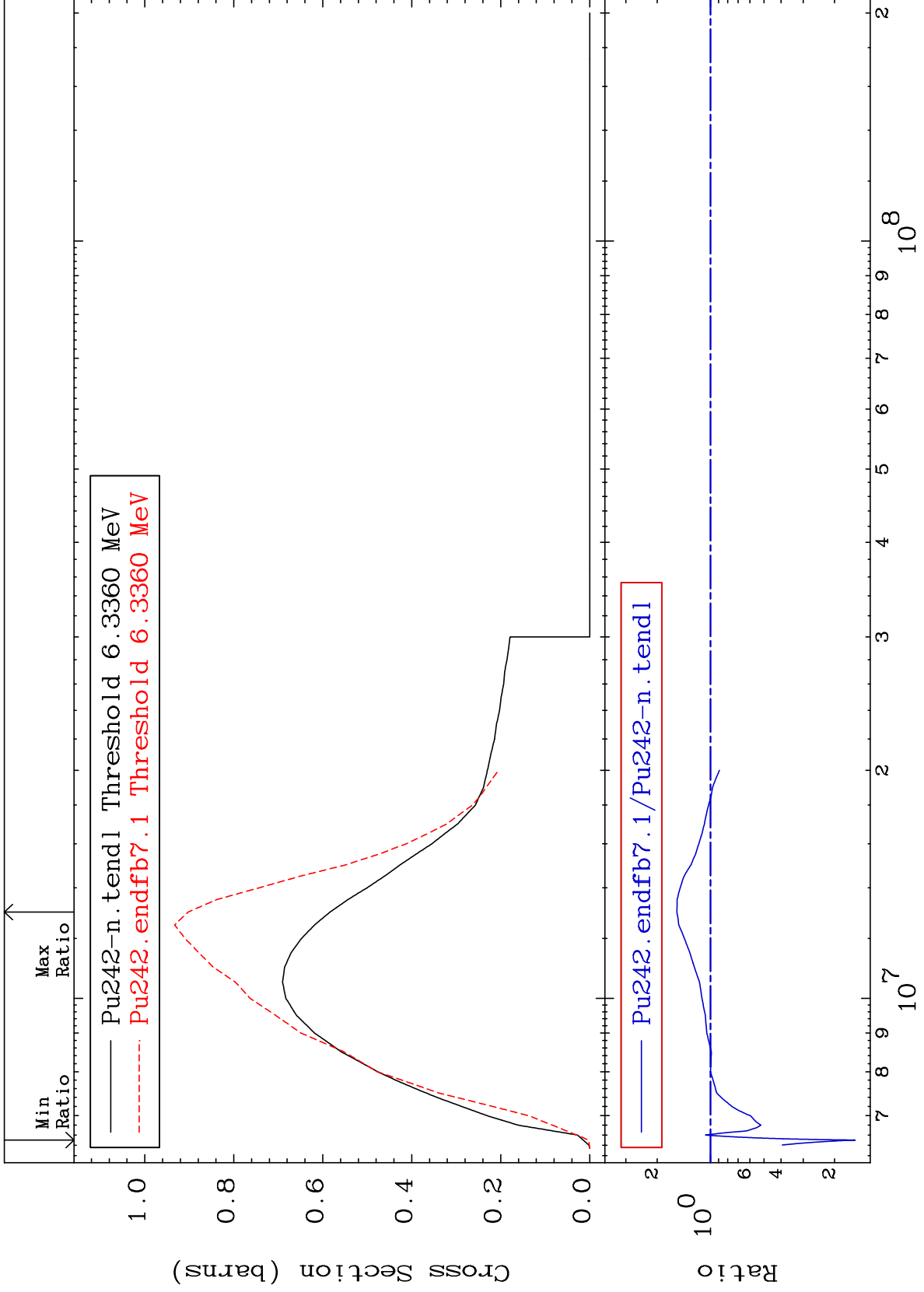
94-Pu-242
-4.204 To 23.96 %



MAT 9446

(n,2n)
Cross Section

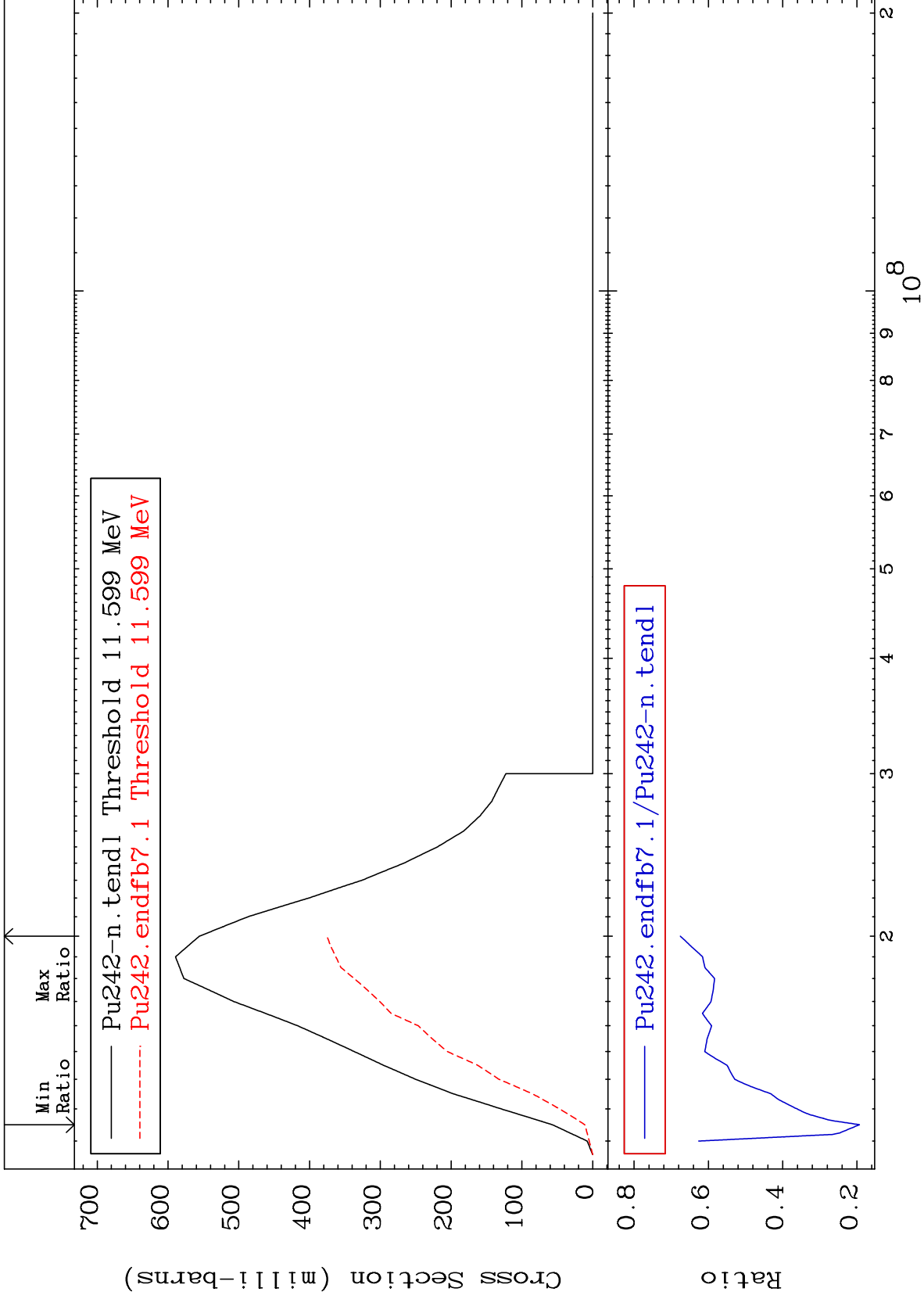
94-Pu-242
-84.69 To 54.70 %



MAT 9446

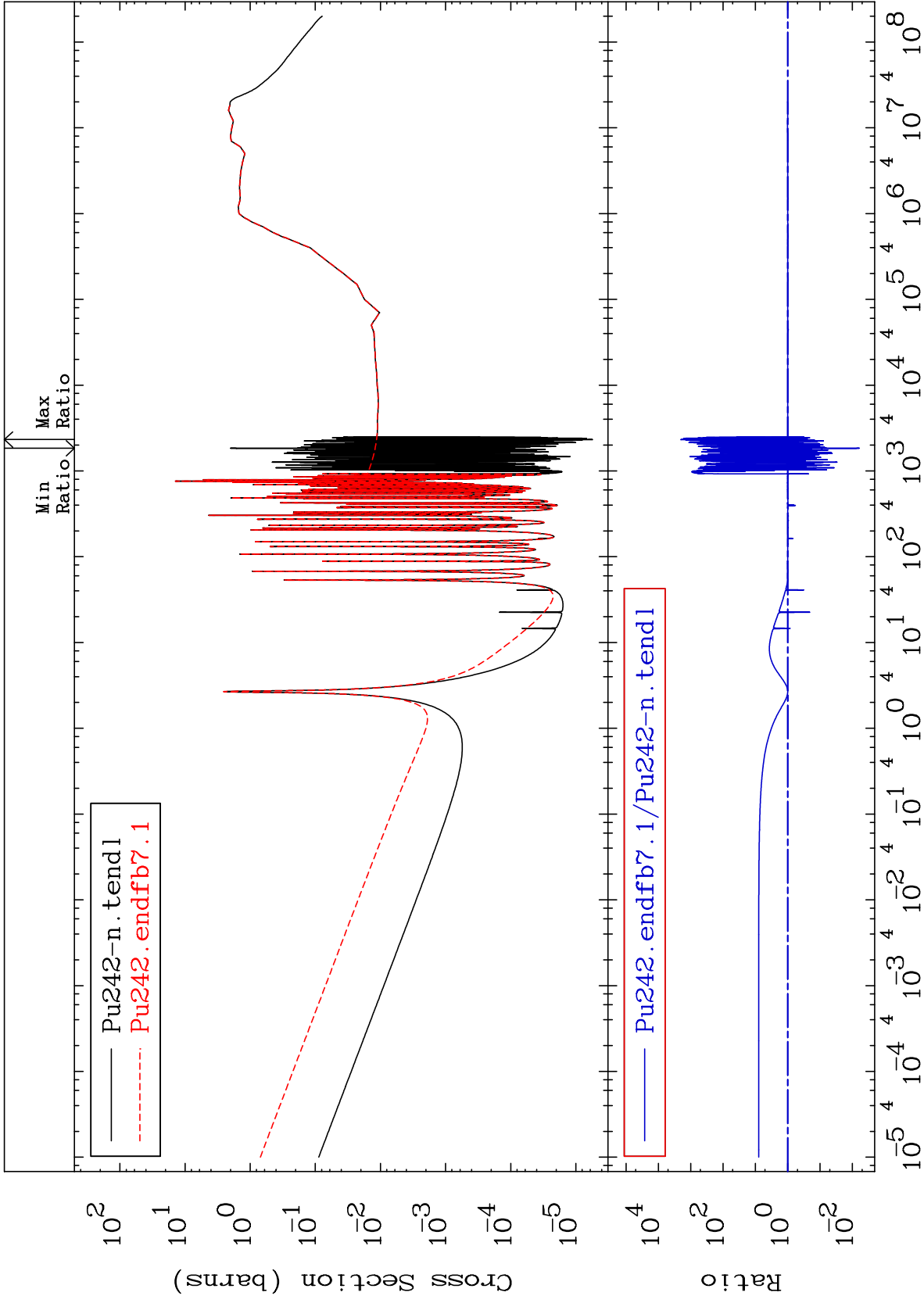
(n, 3n)
Cross Section

94-Pu-242
-80.67 To -32.45%



MAT 9446

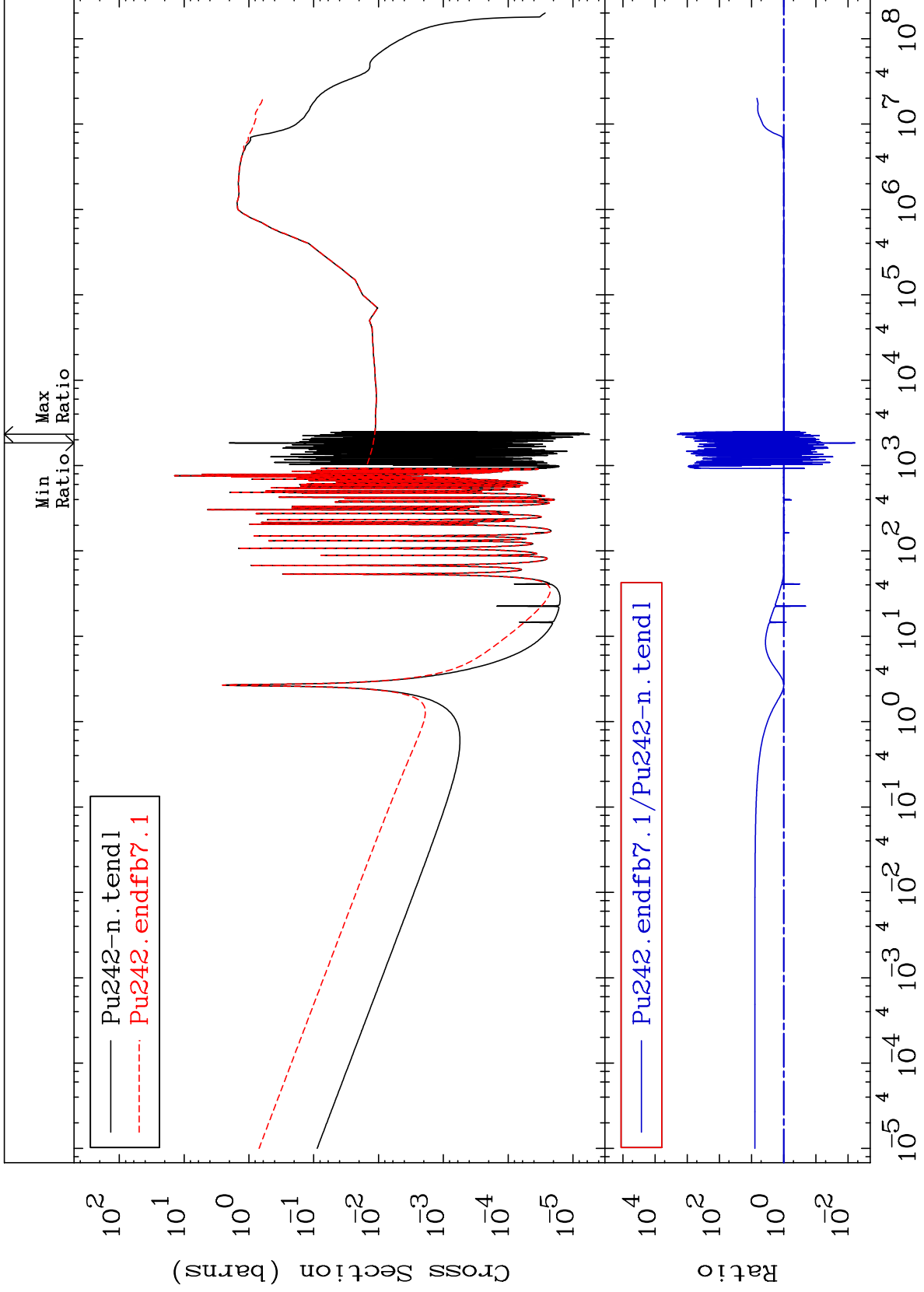
Fission Cross Section 94-Pu-242
-99.40 To 9999. %



MAT 9446

(n,f) First Chance
Cross Section

94-Pu-242
-99.40 To 9999. %



7

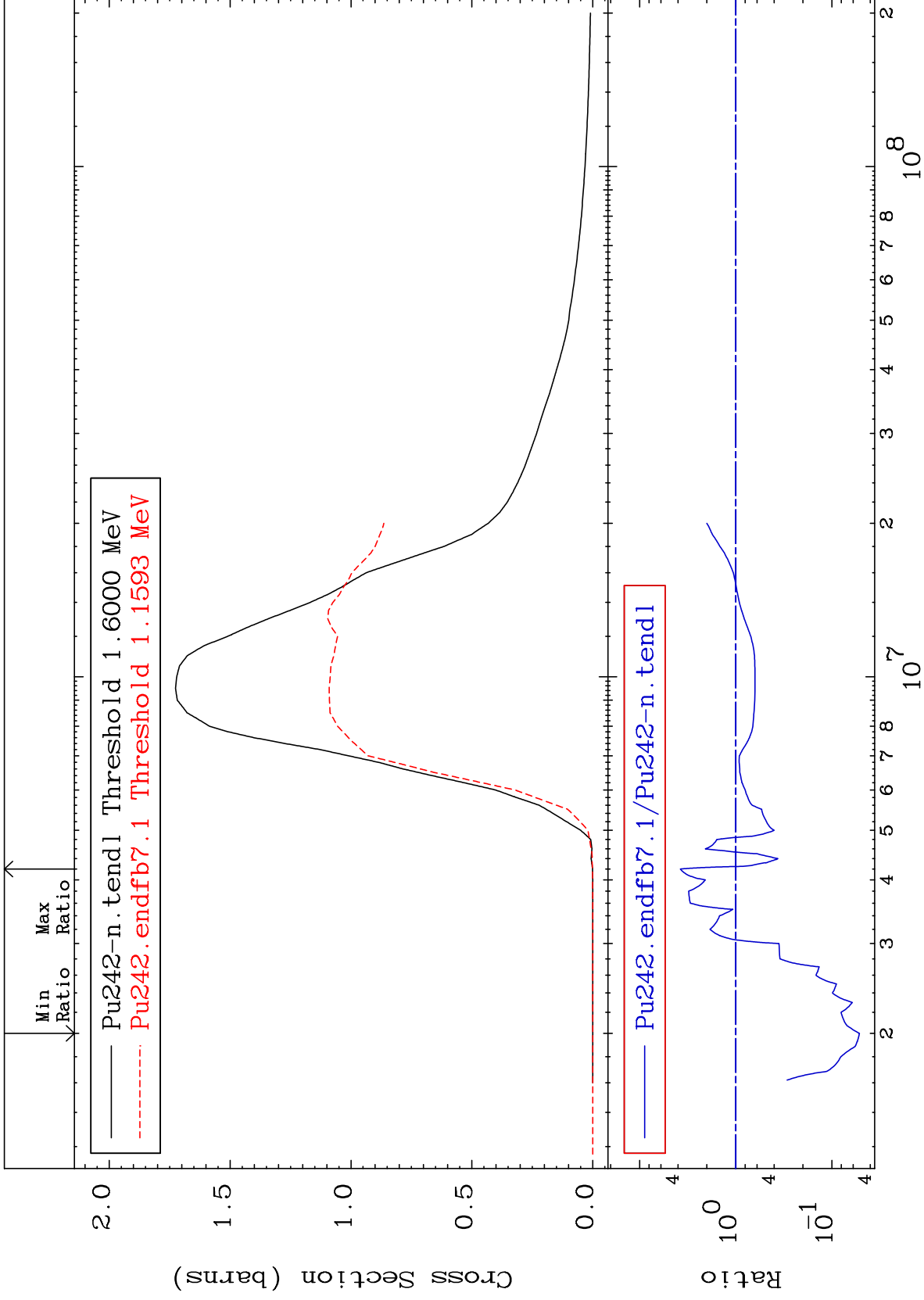
Incident Energy (eV)

94-Pu-242

MAT 9446

(n, nf) Second Chance
Cross Section

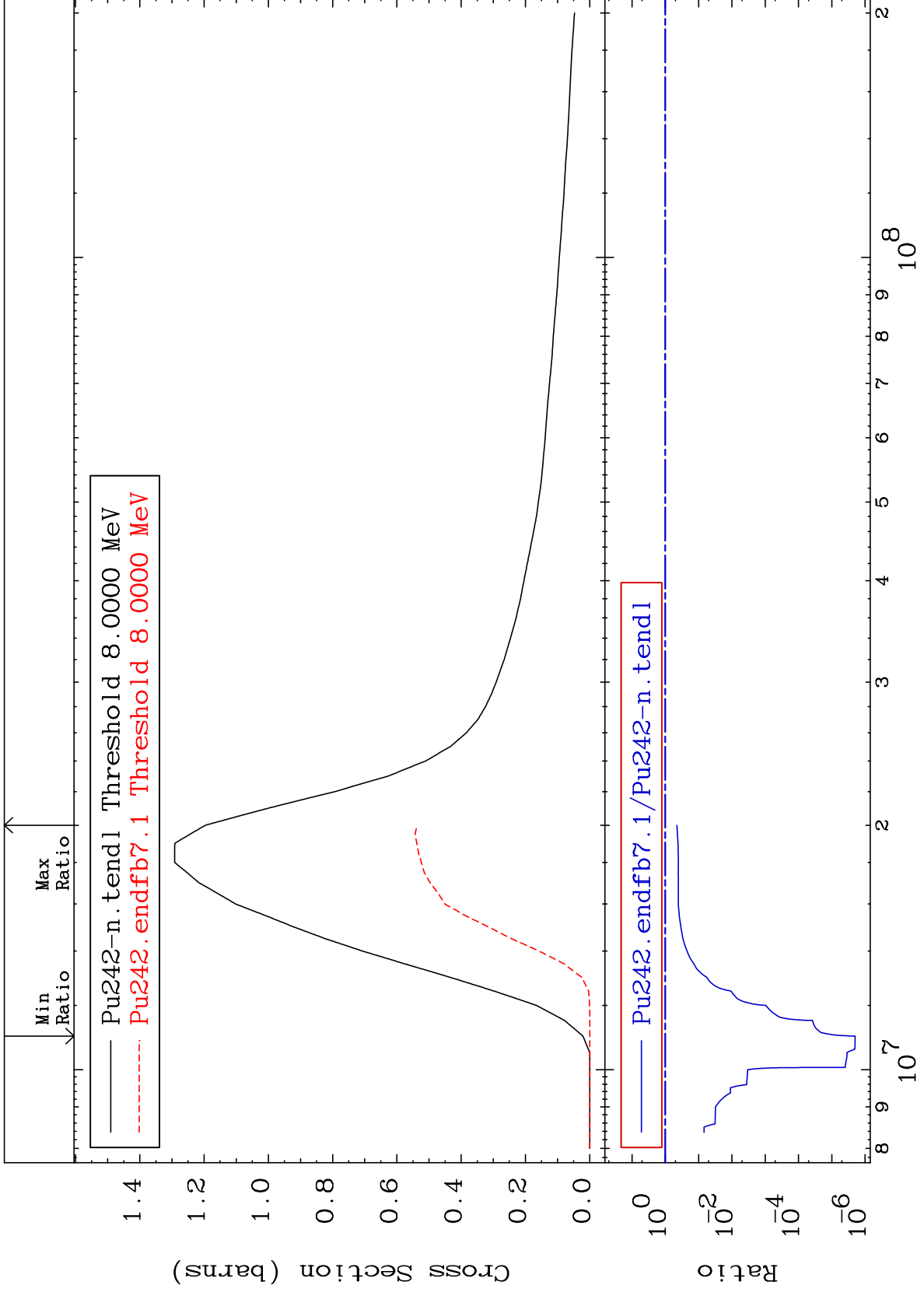
94-Pu-242
-94.82 To 277.4 %



MAT 9446

(n,2nf) Third Chance
Cross Section

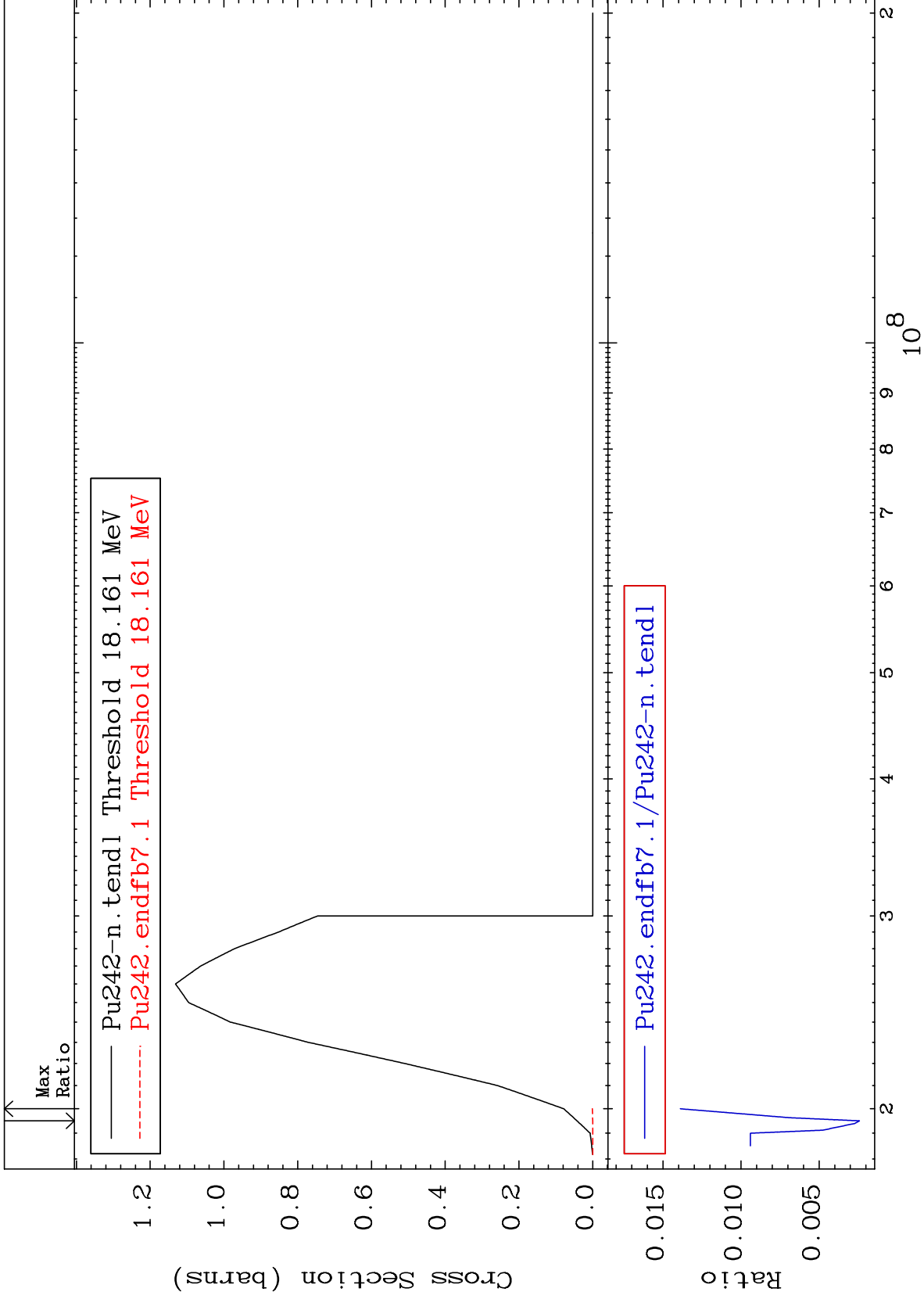
94-Pu-242
-100.0 To -55.08%



MAT 9446

(n,4n)
Cross Section

94-Pu-242
-99.76 To -98.61%



10

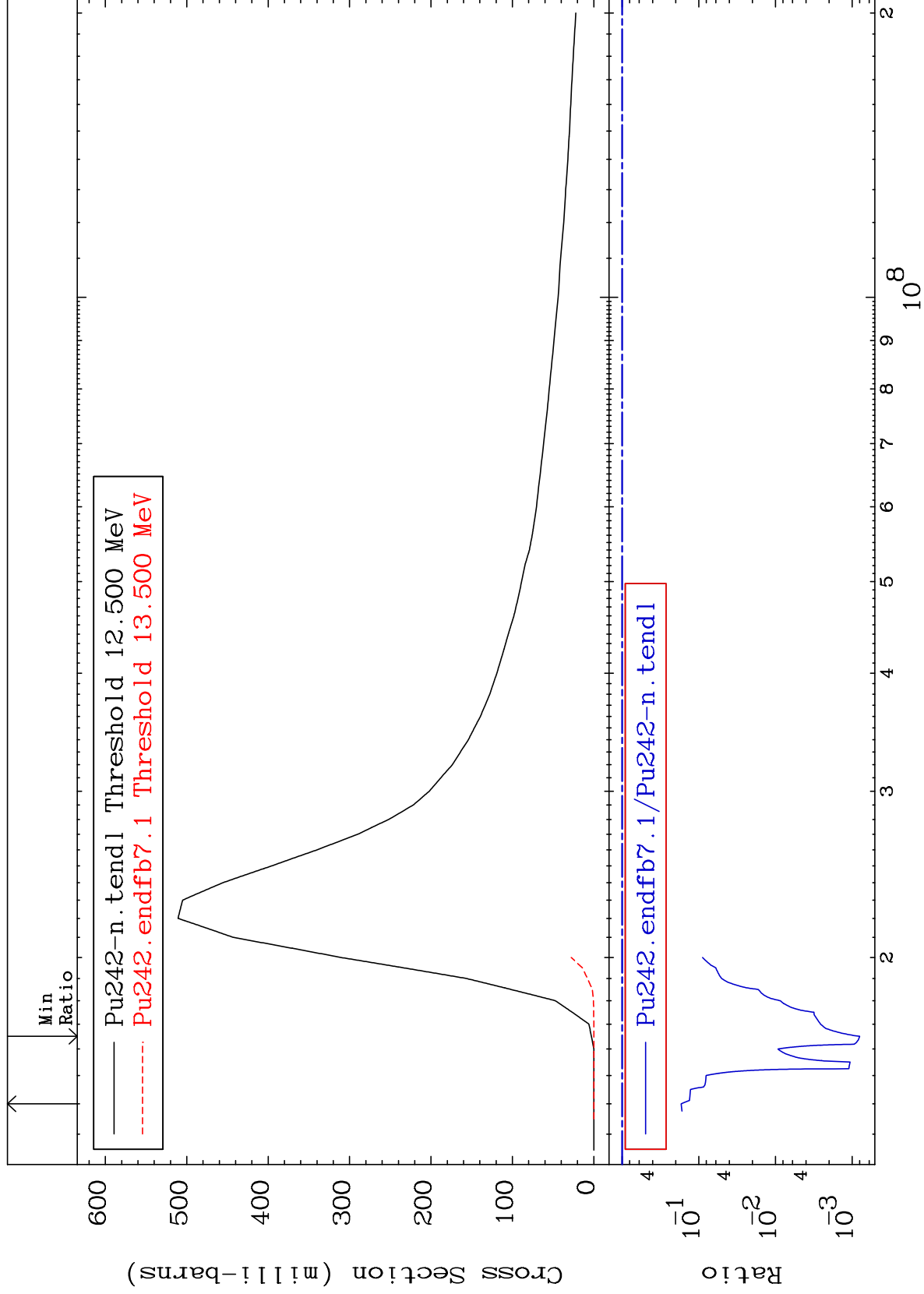
Incident Energy (eV)

94-Pu-242

MAT 9446

(n,3nf) Fourth Chance
Cross Section

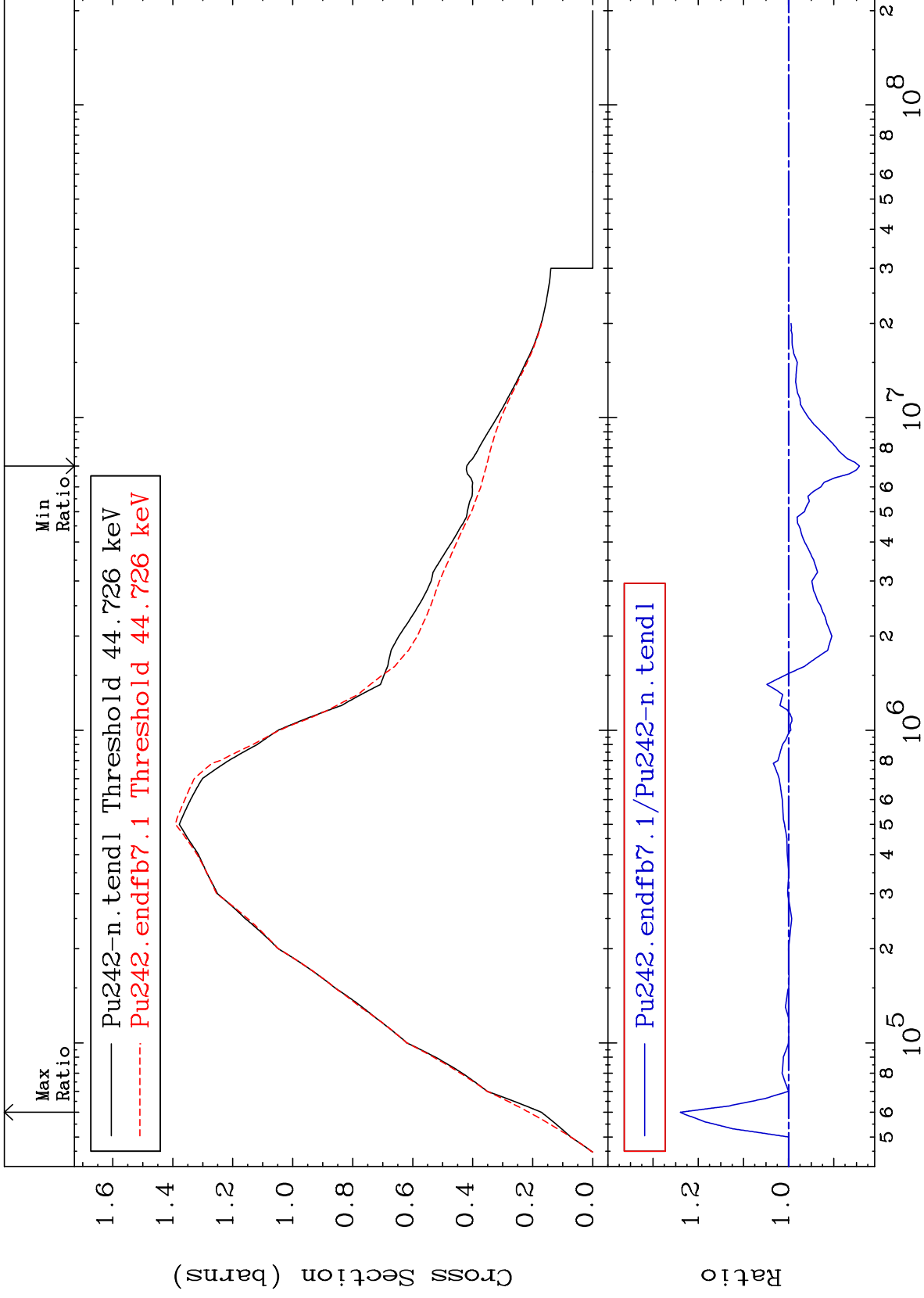
94-Pu-242
-99.92 To -83.02%



MAT 9446

44.54 keV (n,n') Level
Cross Section

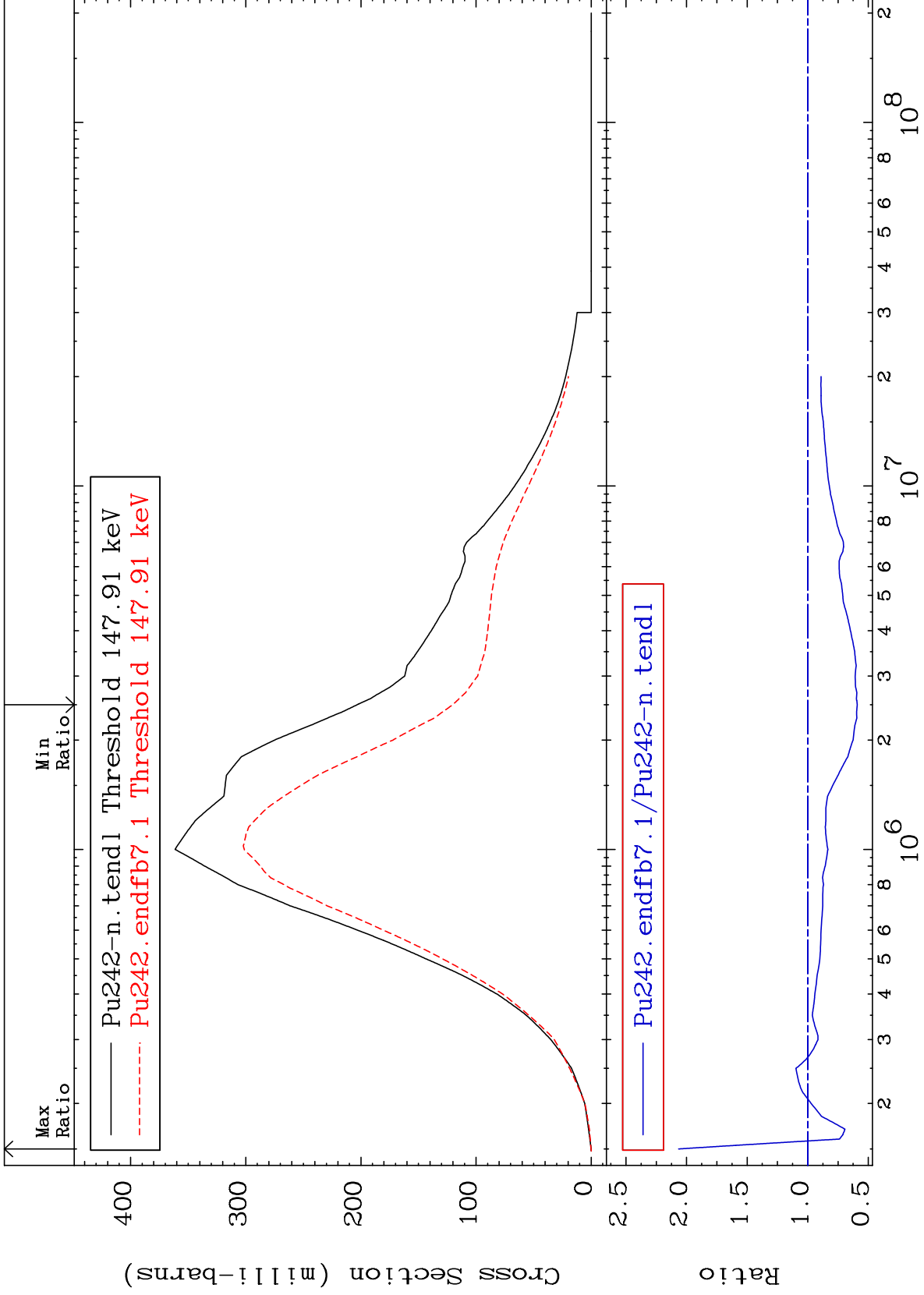
94-Pu-242
-15.66 To 23.96 %



MAT 9446

147.3 keV (n,n') Level
Cross Section

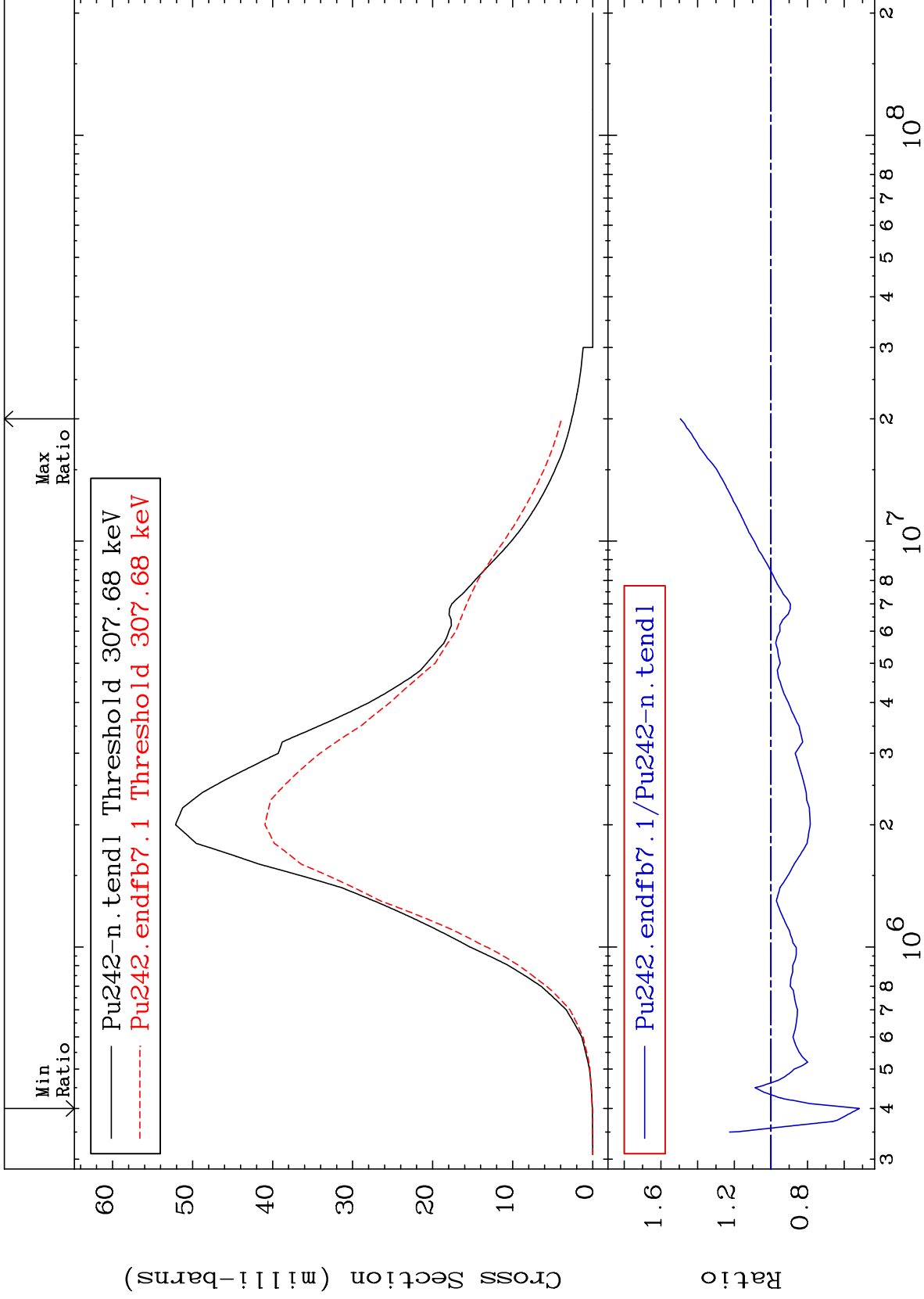
94-Pu-242
-40.88 To 106.5 %



MAT 9446

306.4 keV (n,n') Level
Cross Section

94-Pu-242
-48.31 To 49.41 %



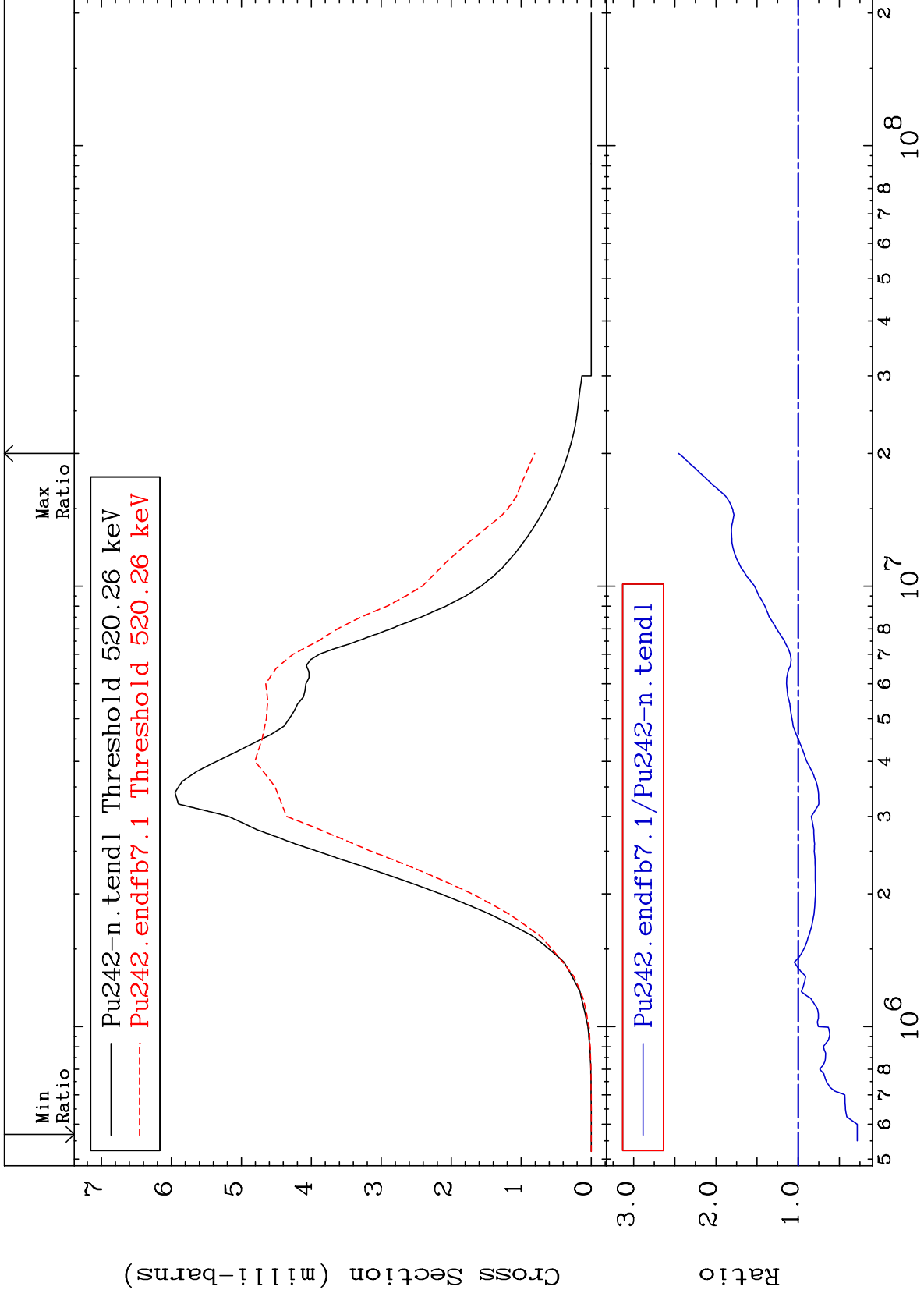
14

94-Pu-242

MAT 9446

518.1 keV (n,n') Level
Cross Section

94-Pu-242
-71.77 To 145.4 %



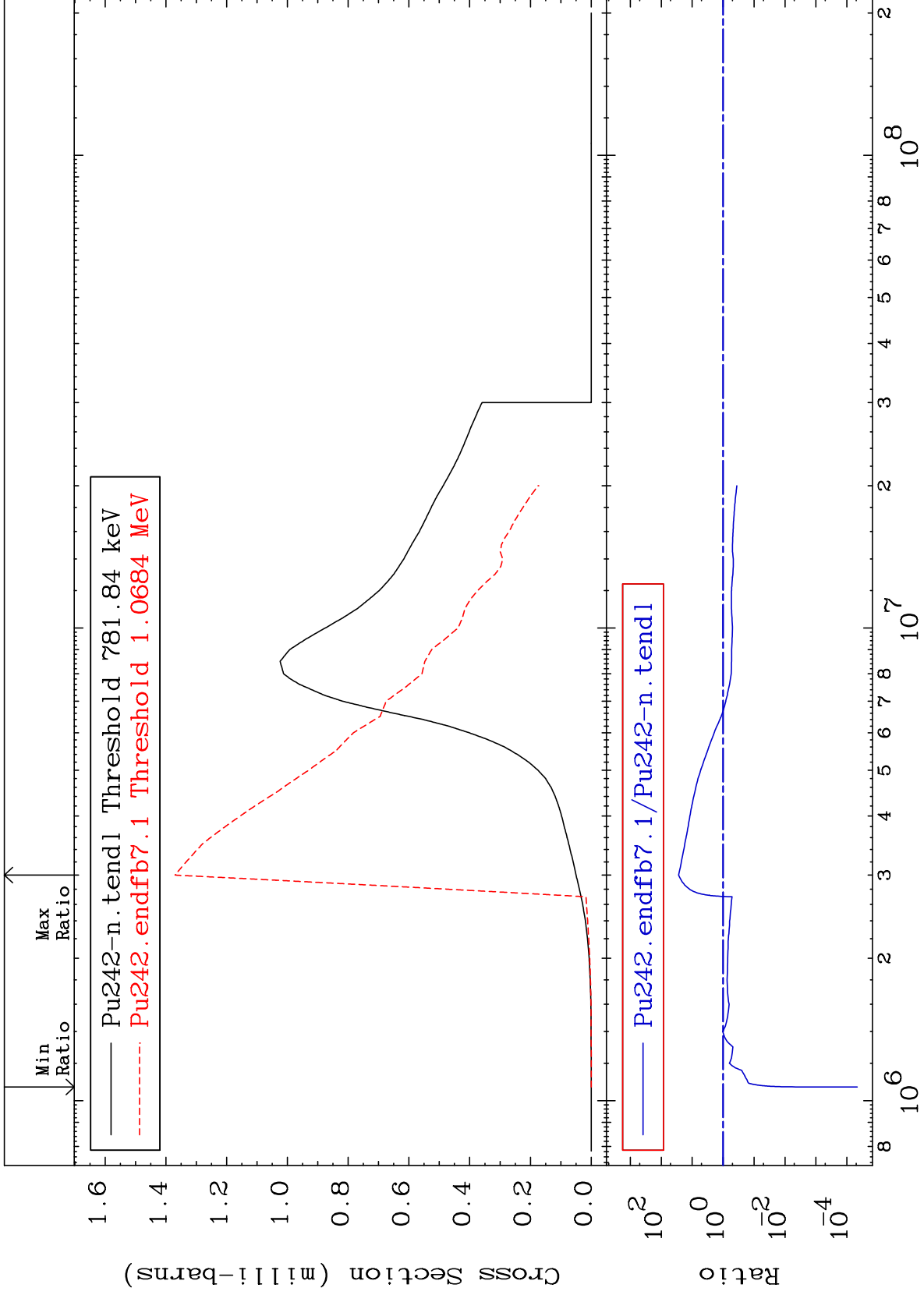
15

94-Pu-242

MAT 9446

778.6 keV (n,n') Level
Cross Section

94-Pu-242
-100.0 To 2643. %



16

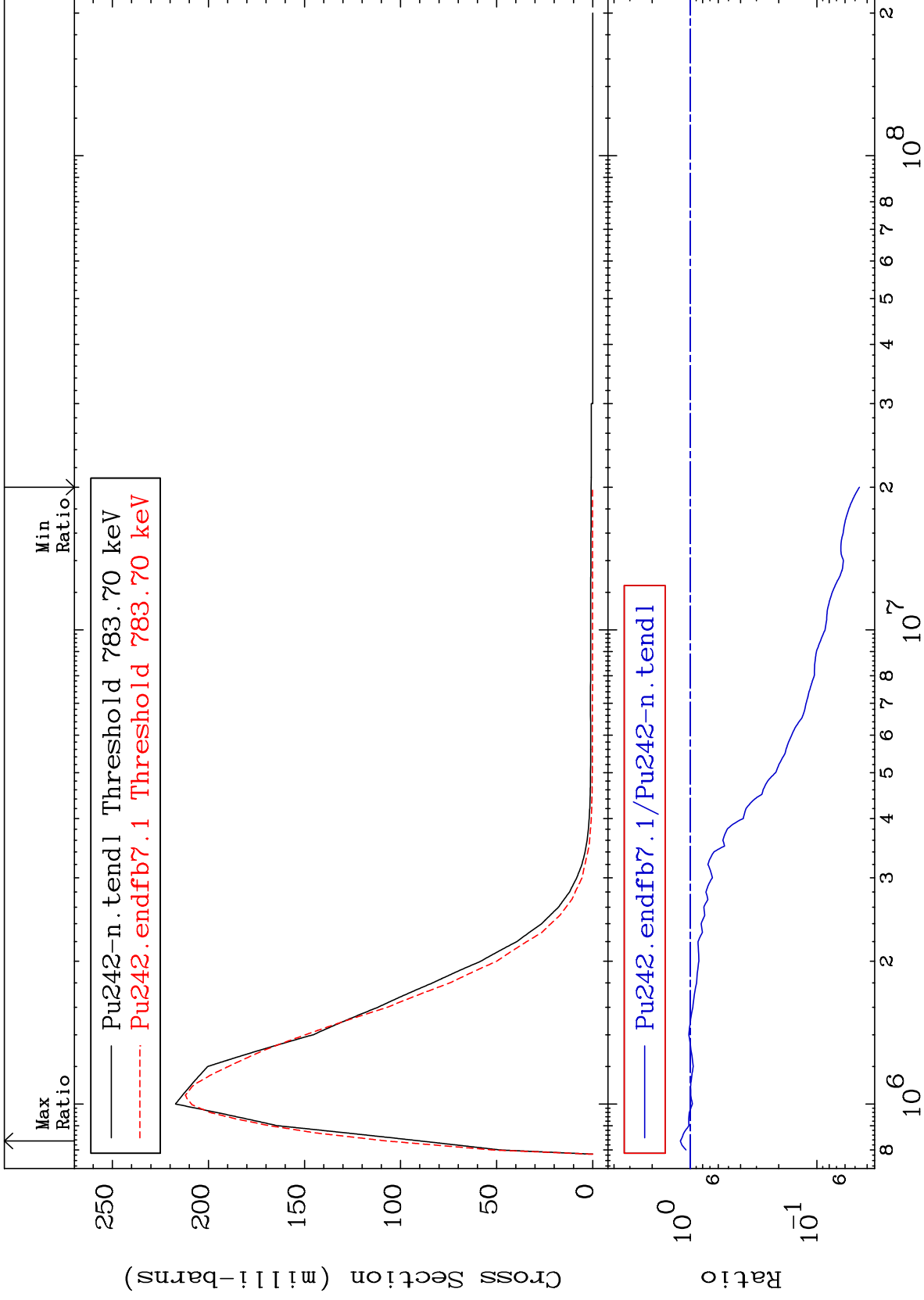
Incident Energy (eV)

94-Pu-242

MAT 9446

780.4 keV (n,n') Level
Cross Section

94-Pu-242
-95.39 To 19.79 %



17

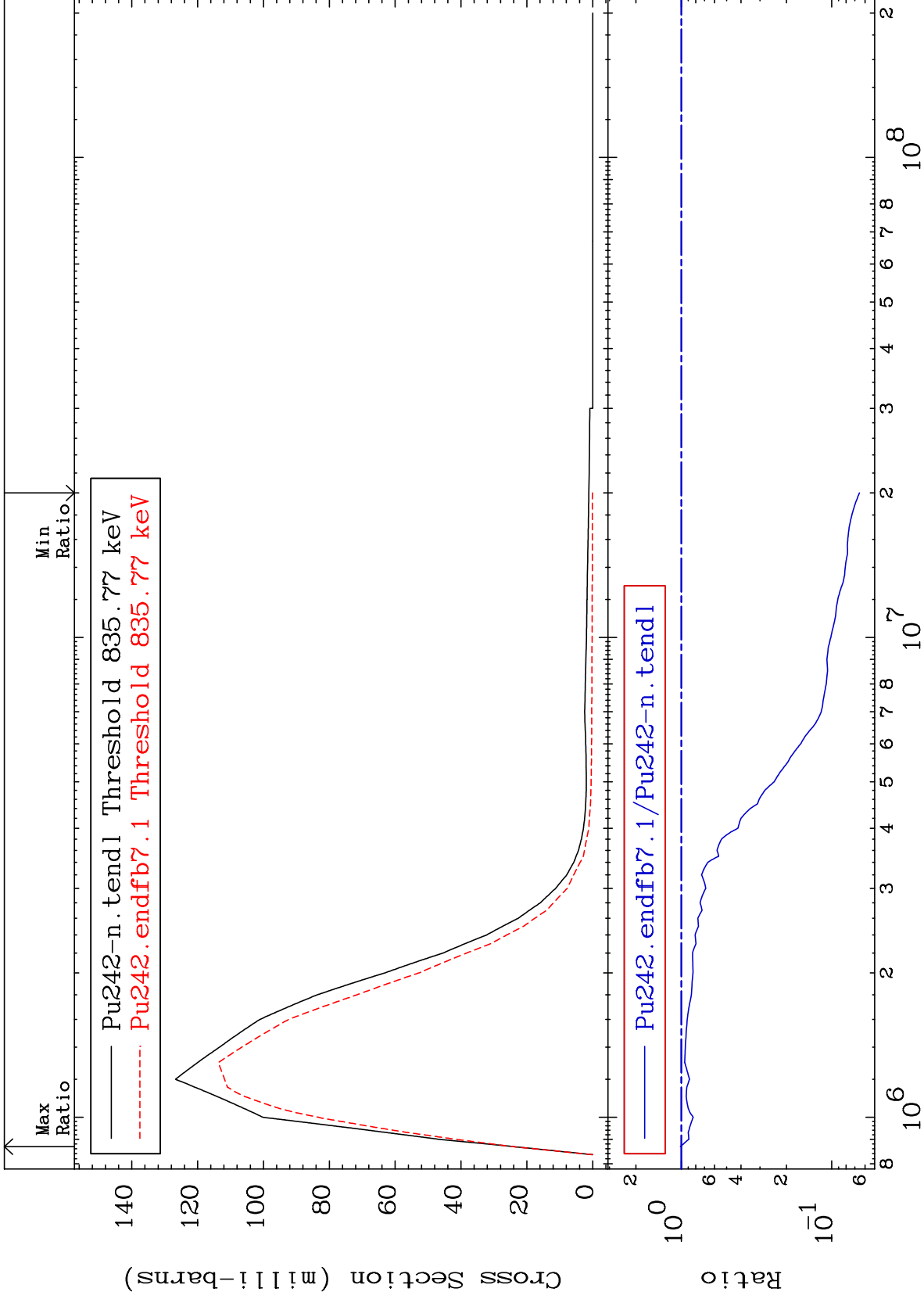
Incident Energy (eV)

94-Pu-242

MAT 9446

832.3 keV (n,n') Level
Cross Section

94-Pu-242
-93.47 To 1.385 %



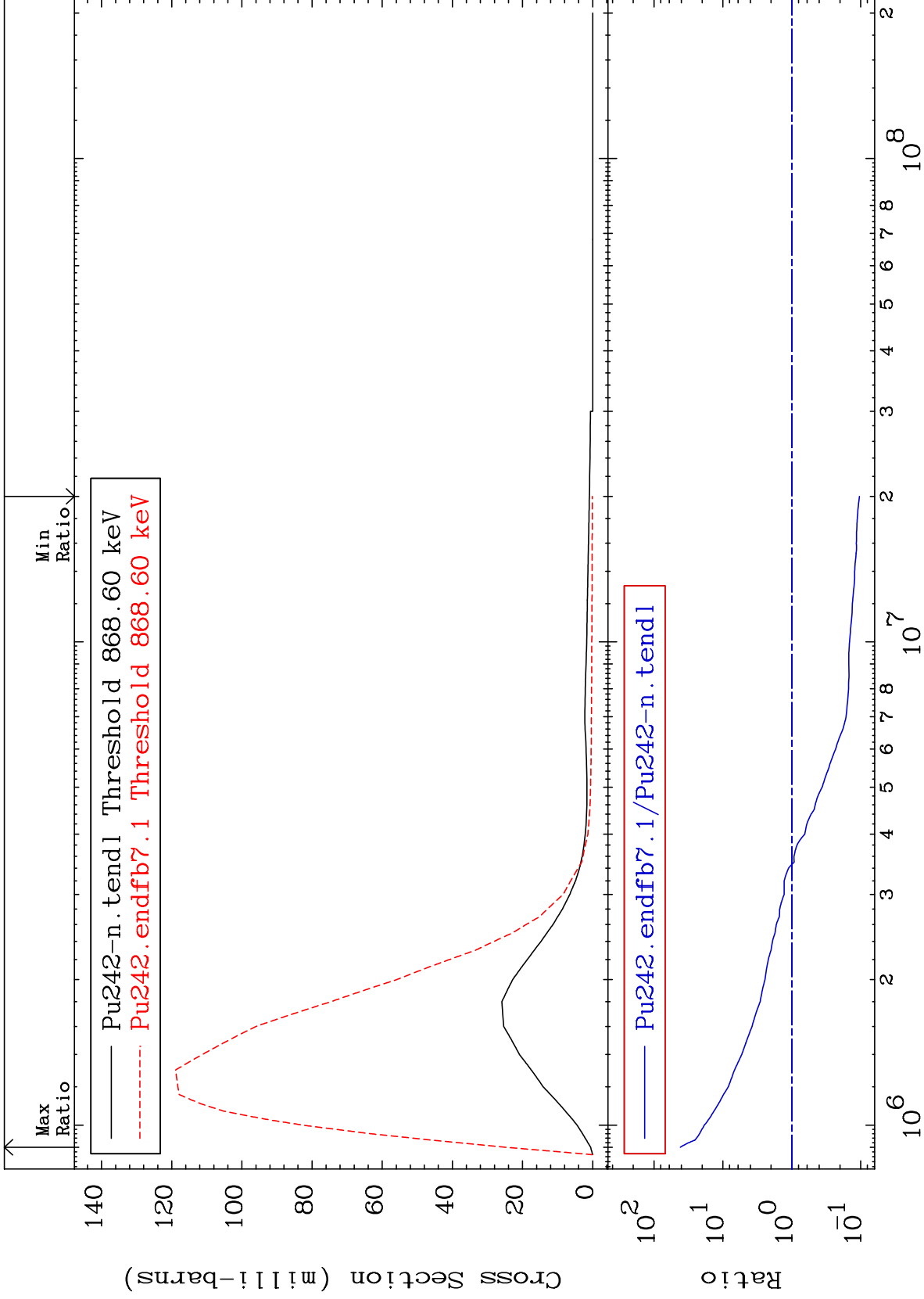
18

94-Pu-242

MAT 9446

865.0 keV (n,n') Level
Cross Section

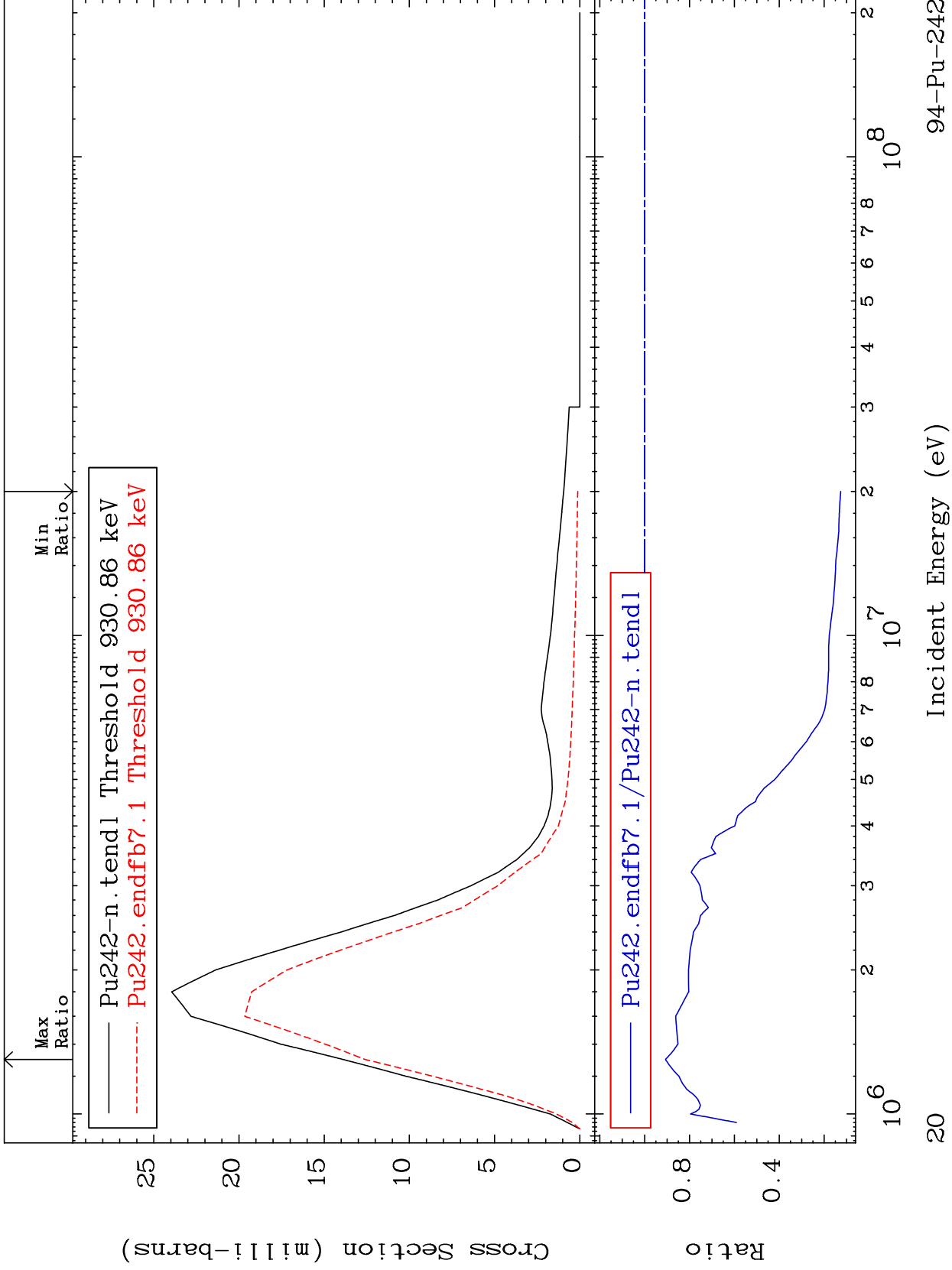
94-Pu-242
-89.57 To 4042. %



MAT 9446

927.0 keV (n,n') Level
Cross Section

94-Pu-242
-87.36 To -9.313%



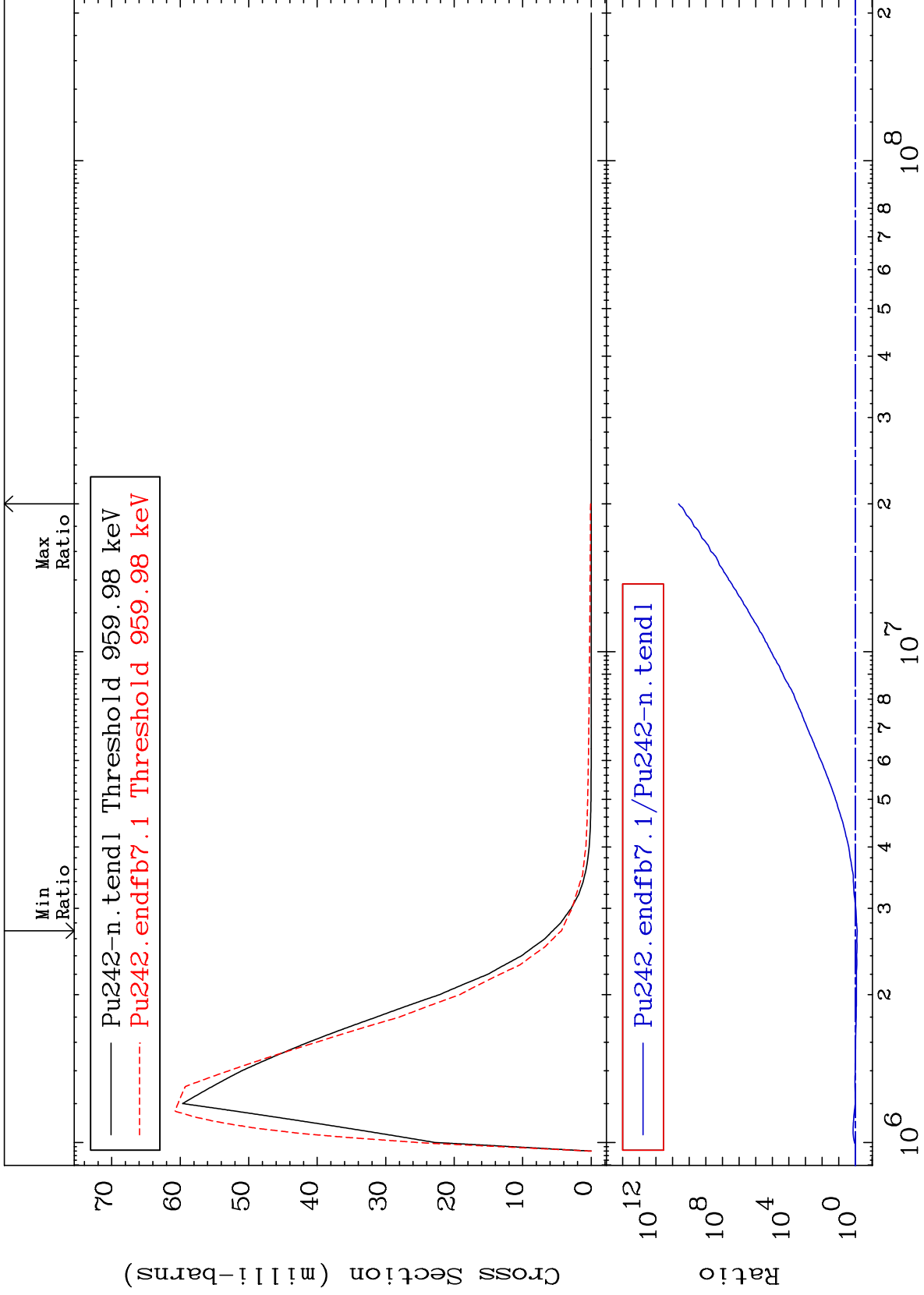
94-Pu-242

Incident Energy (eV)

MAT 9446

956.0 keV (n,n') Level
Cross Section

94-Pu-242
-22.45 To 9999. %



21

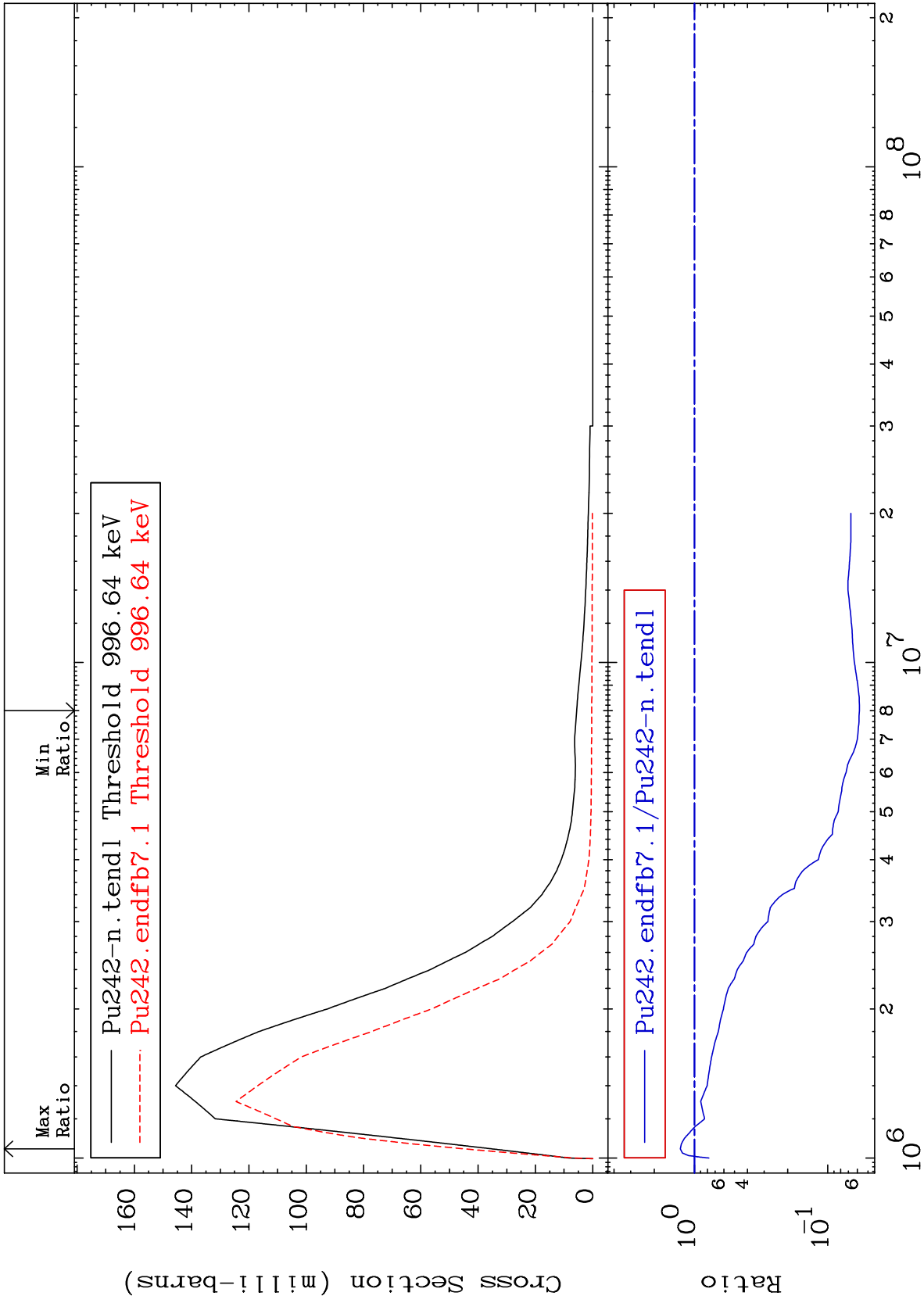
Incident Energy (eV)

94-Pu-242

MAT 9446

992.5 keV (n,n') Level
Cross Section

94-Pu-242
-94.21 To 27.44 %



22

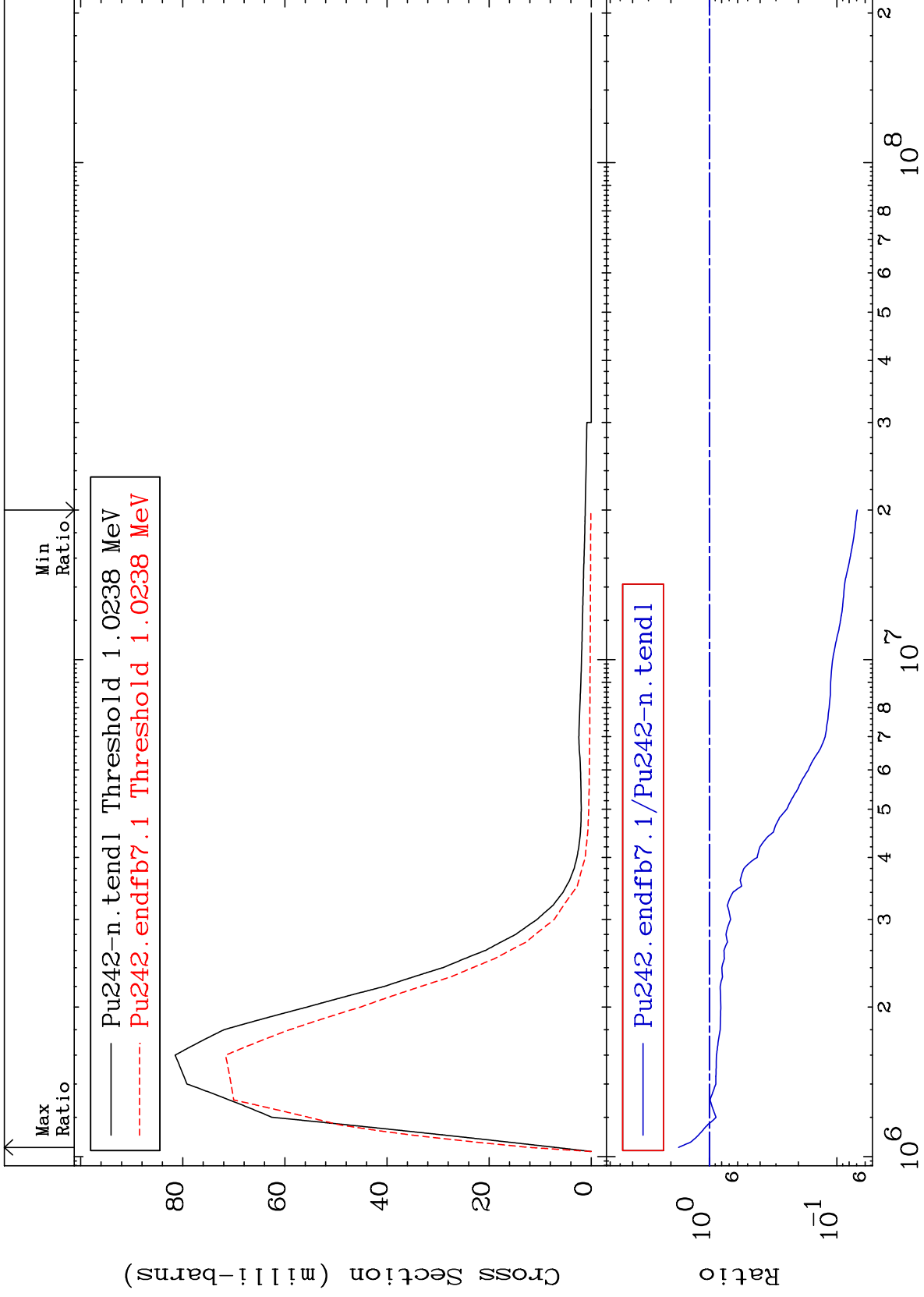
Incident Energy (eV)

94-Pu-242

MAT 9446

1.019 MeV (n,n') Level
Cross Section

94-Pu-242
-93.09 To 74.06 %



23

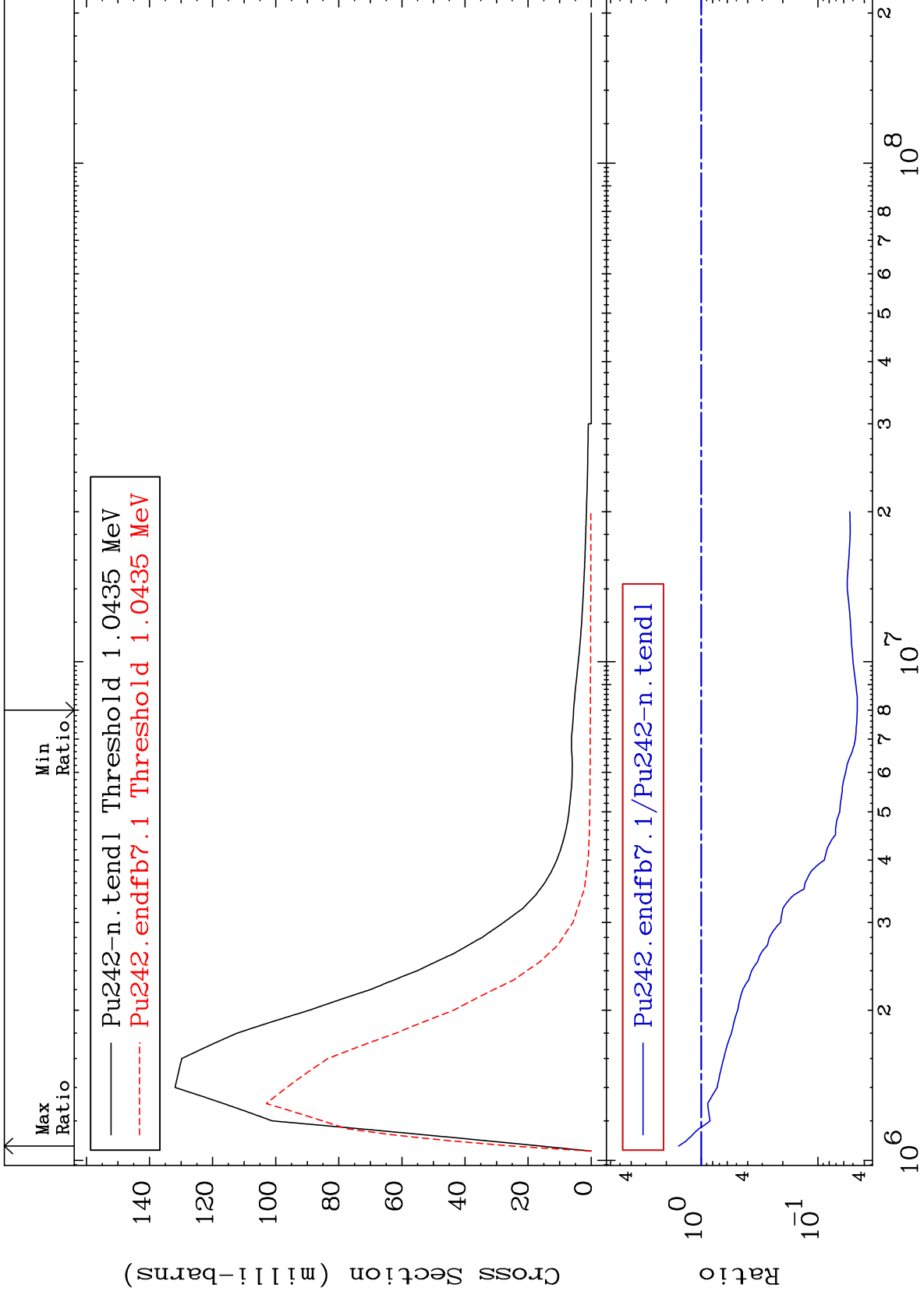
94-Pu-242

94-Pu-242

MAT 9446

1.039 MeV (n,n') Level
Cross Section

94-Pu-242
-95.41 To 56.64 %



24

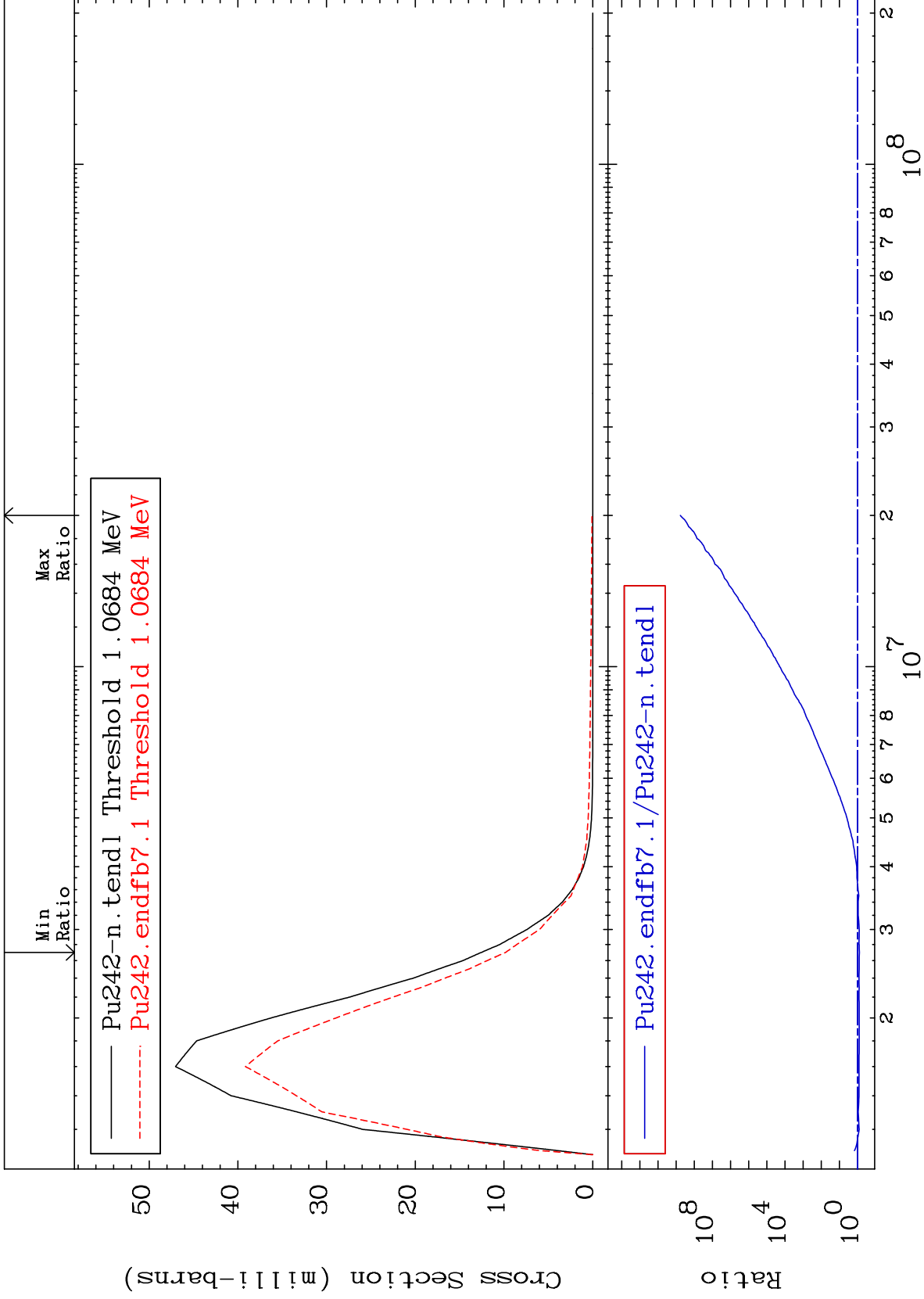
Incident Energy (eV)

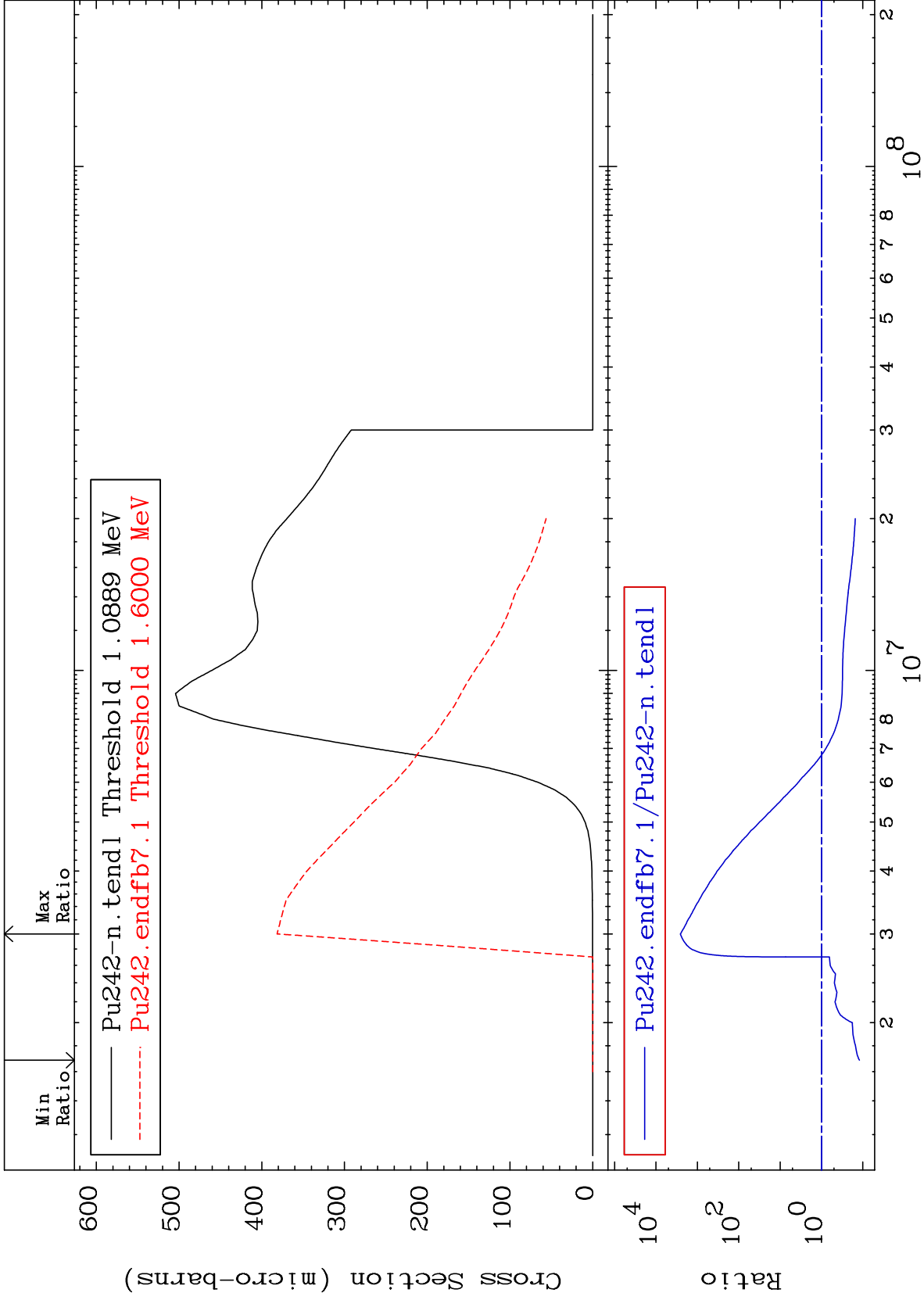
94-Pu-242

MAT 9446

1.064 MeV (n,n') Level
Cross Section

94-Pu-242
-21.75 To 9999. %

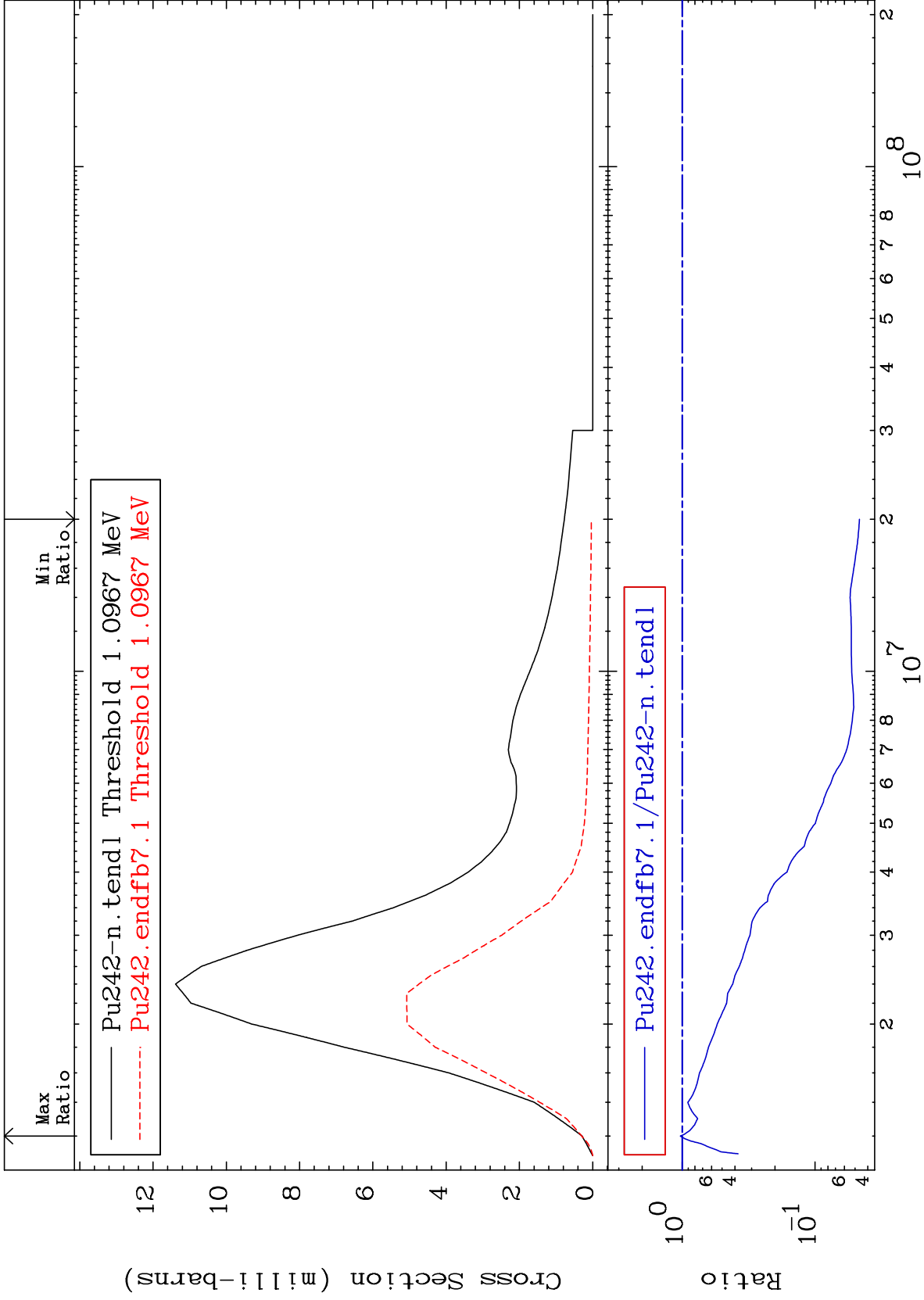




MAT 9446

1.092 MeV (n,n') Level
Cross Section

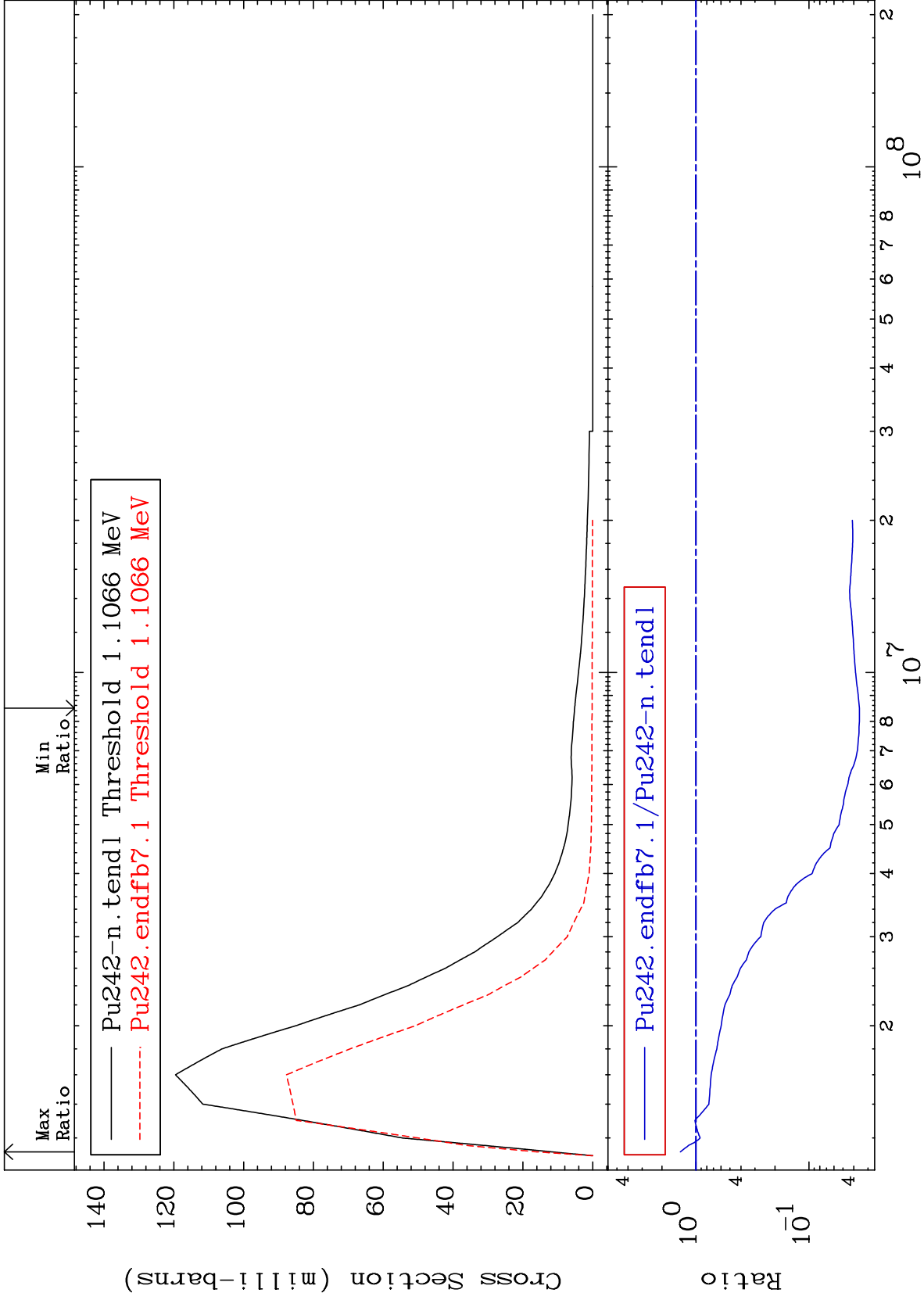
94-Pu-242
-95.37 To 3.105 %



MAT 9446

1.102 MeV (n,n') Level
Cross Section

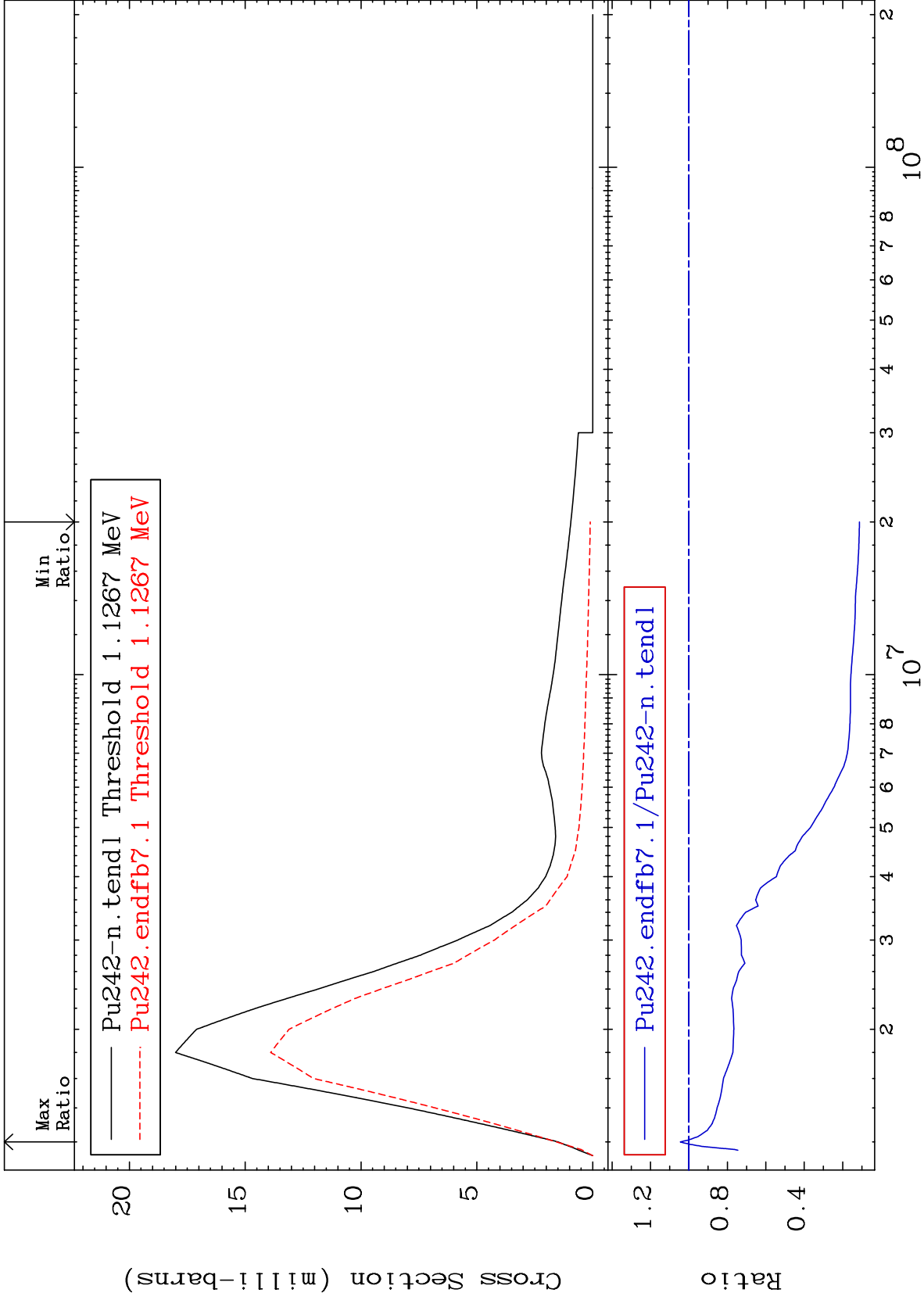
94-Pu-242
-96.43 To 37.41 %



MAT 9446

1.122 MeV (n,n') Level
Cross Section

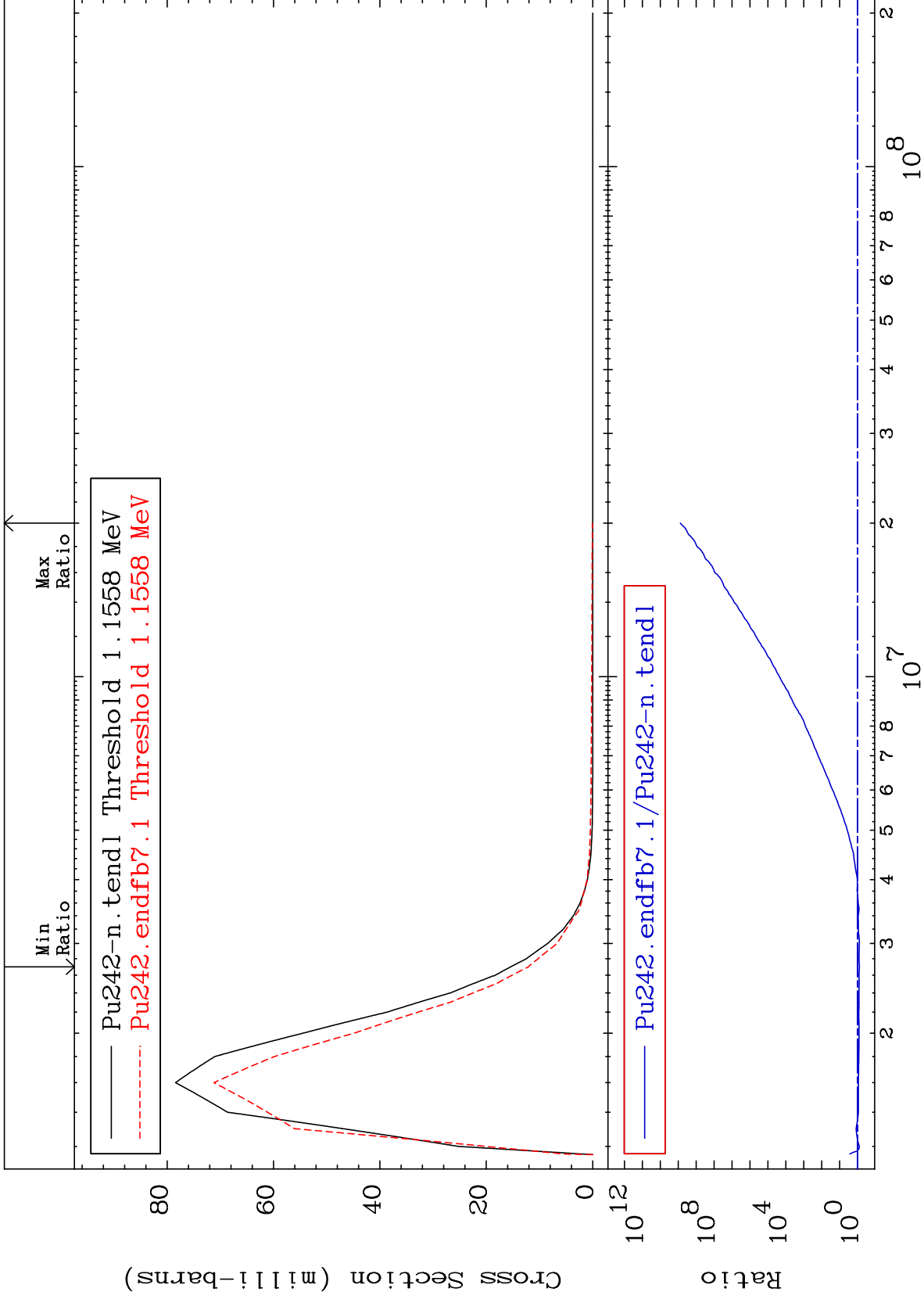
94-Pu-242
-88.73 To 4.463 %



MAT 9446

1.151 MeV (n,n') Level
Cross Section

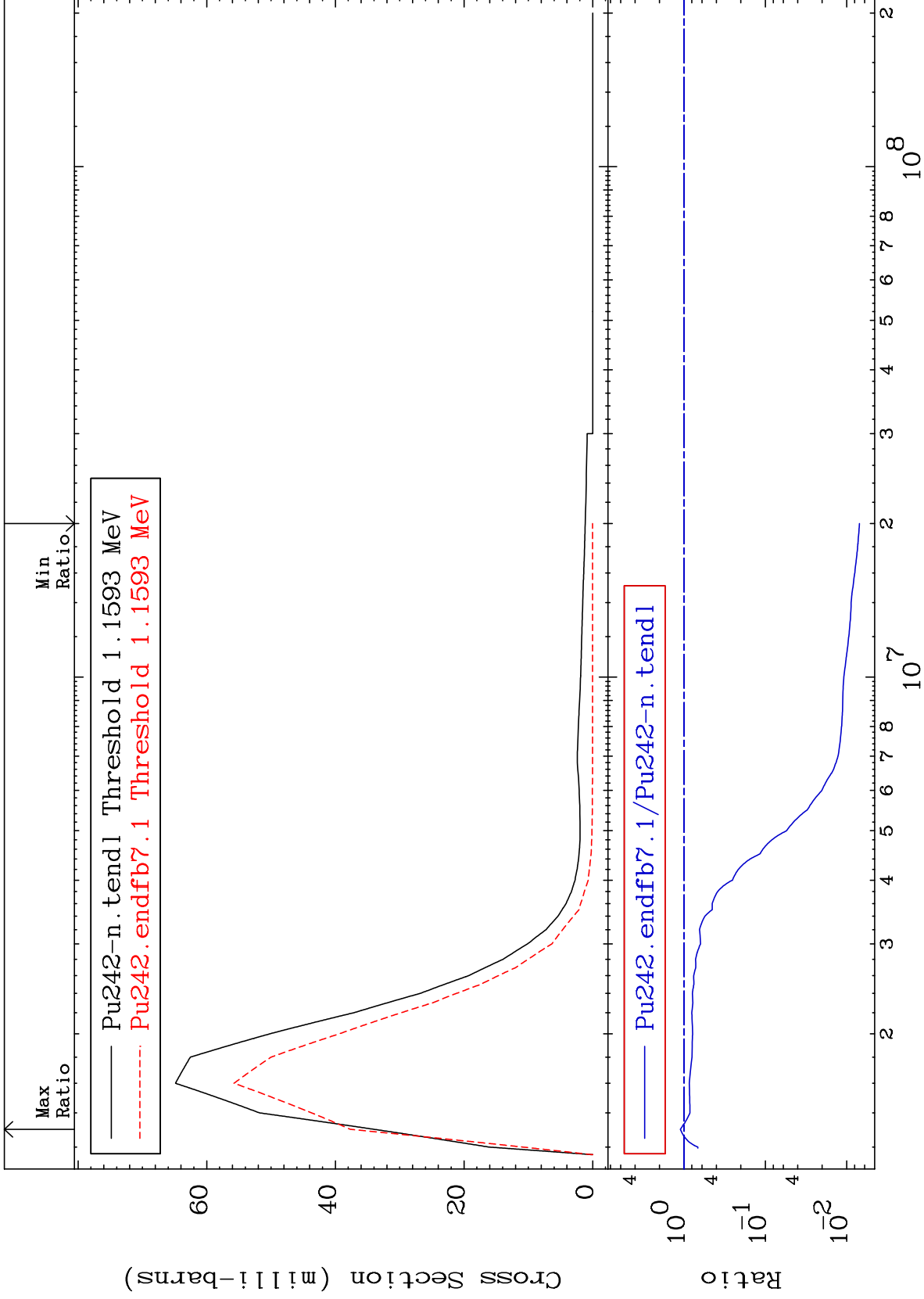
94-Pu-242
-21.50 To 9999. %



MAT 9446

1.154 MeV (n,n') Level
Cross Section

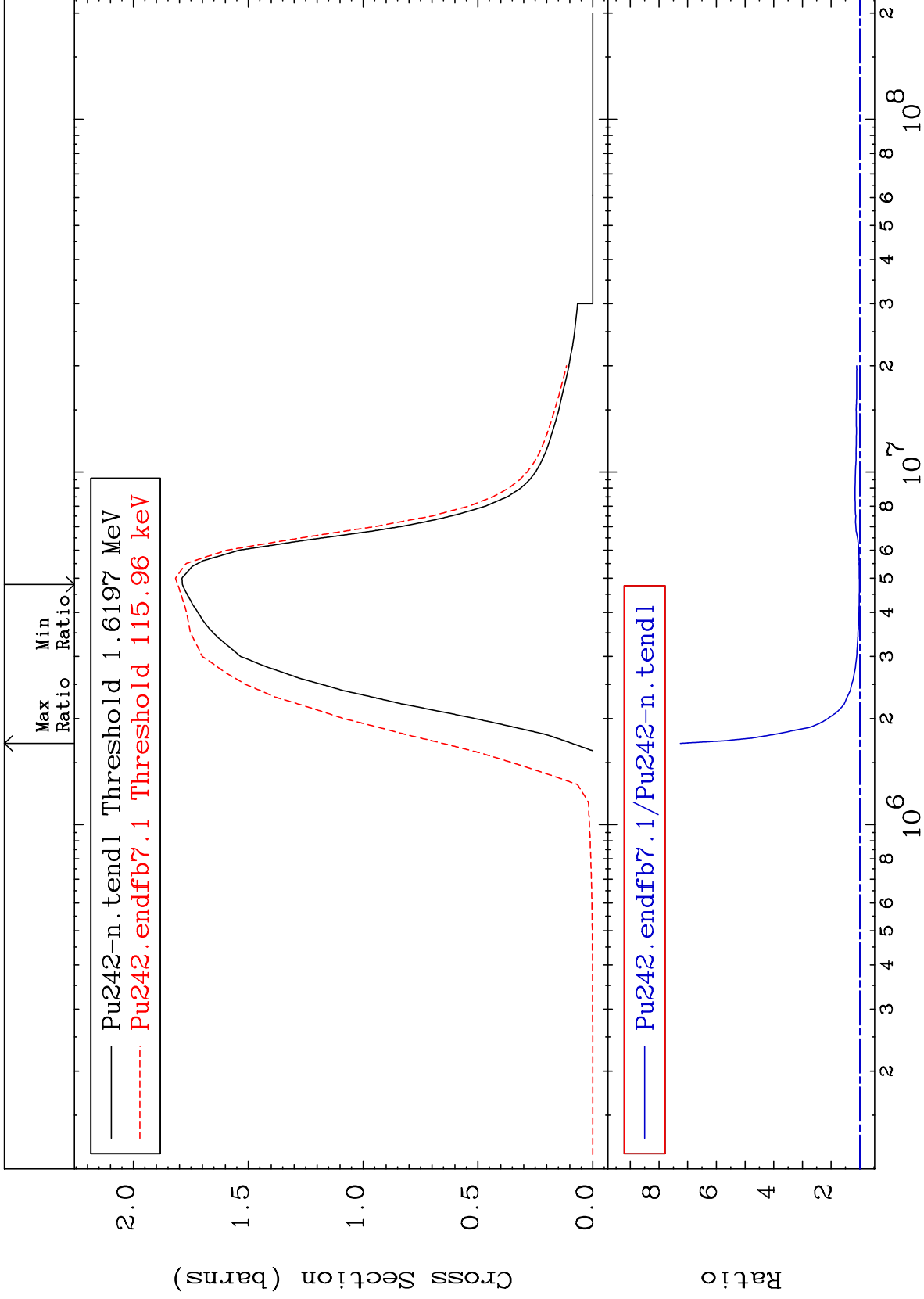
94-Pu-242
-99.30 To 10.85 %



MAT 9446

(n, n') Continuum
Cross Section

94-Pu-242
1.141 To 625.7 %



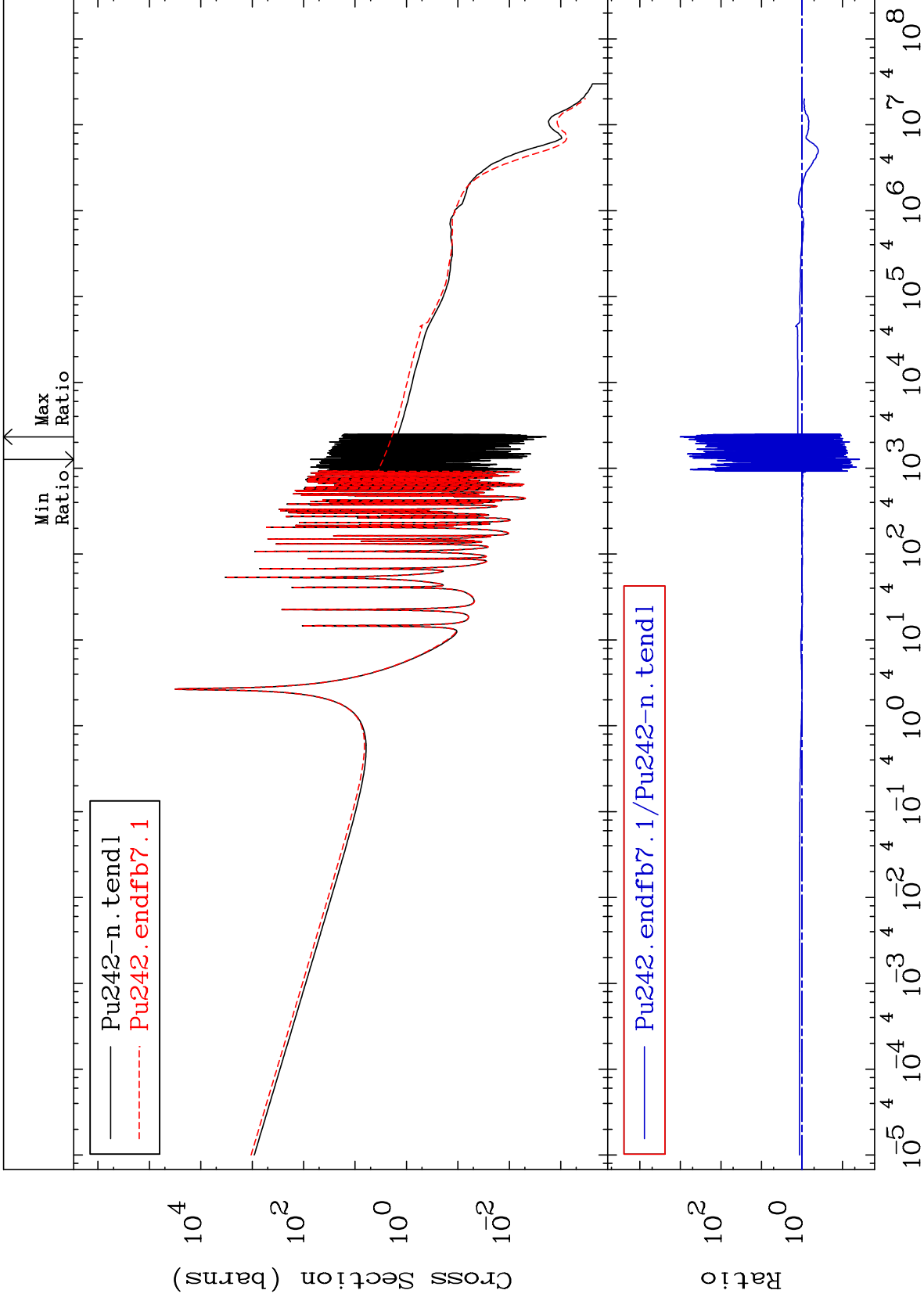
MAT 9446

(n, γ)

94-Pu-242

Cross Section

-96.16 To 9999. %



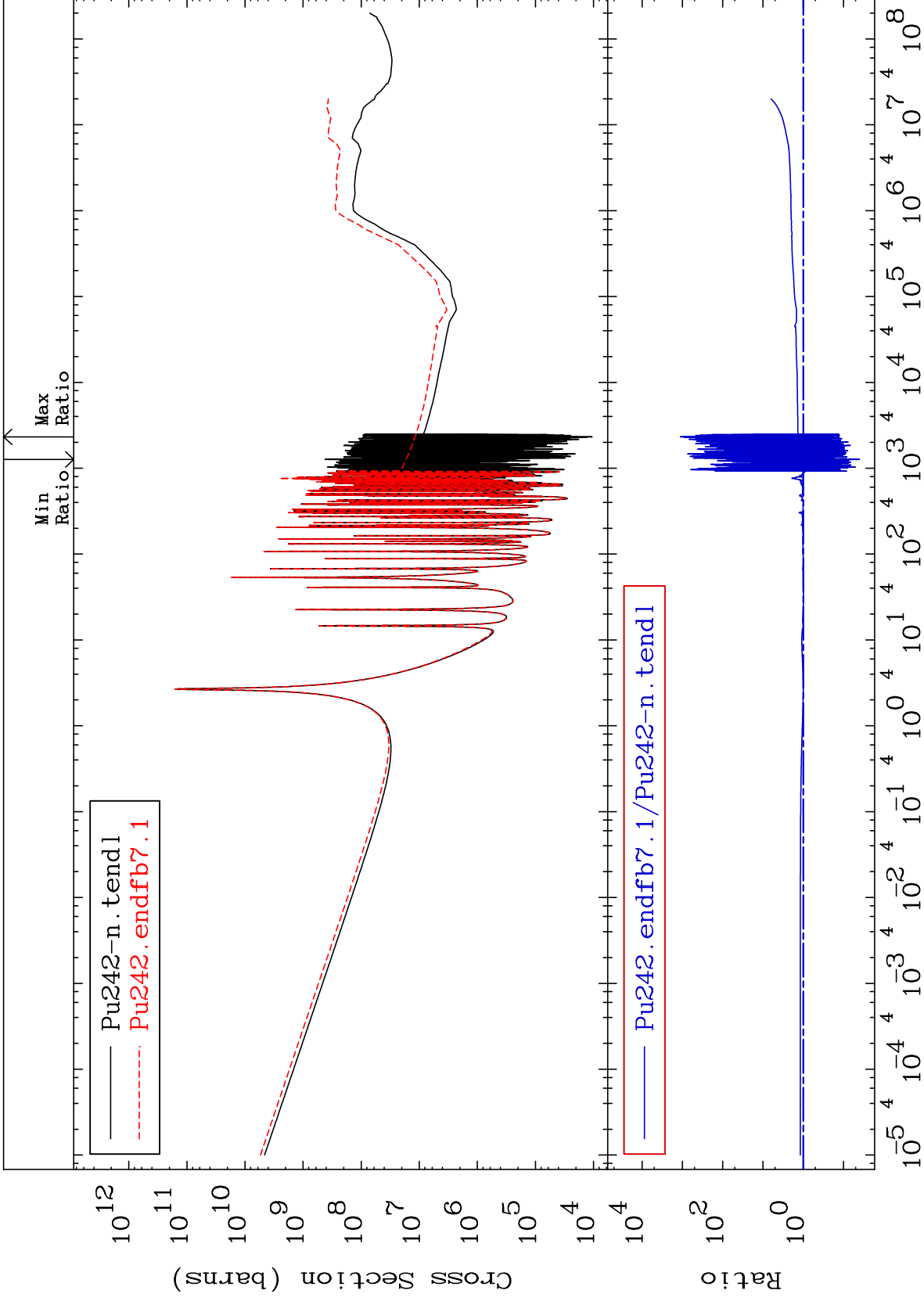
MAT 9446

Kerma total (eV-barns)

94-Pu-242

Cross Section

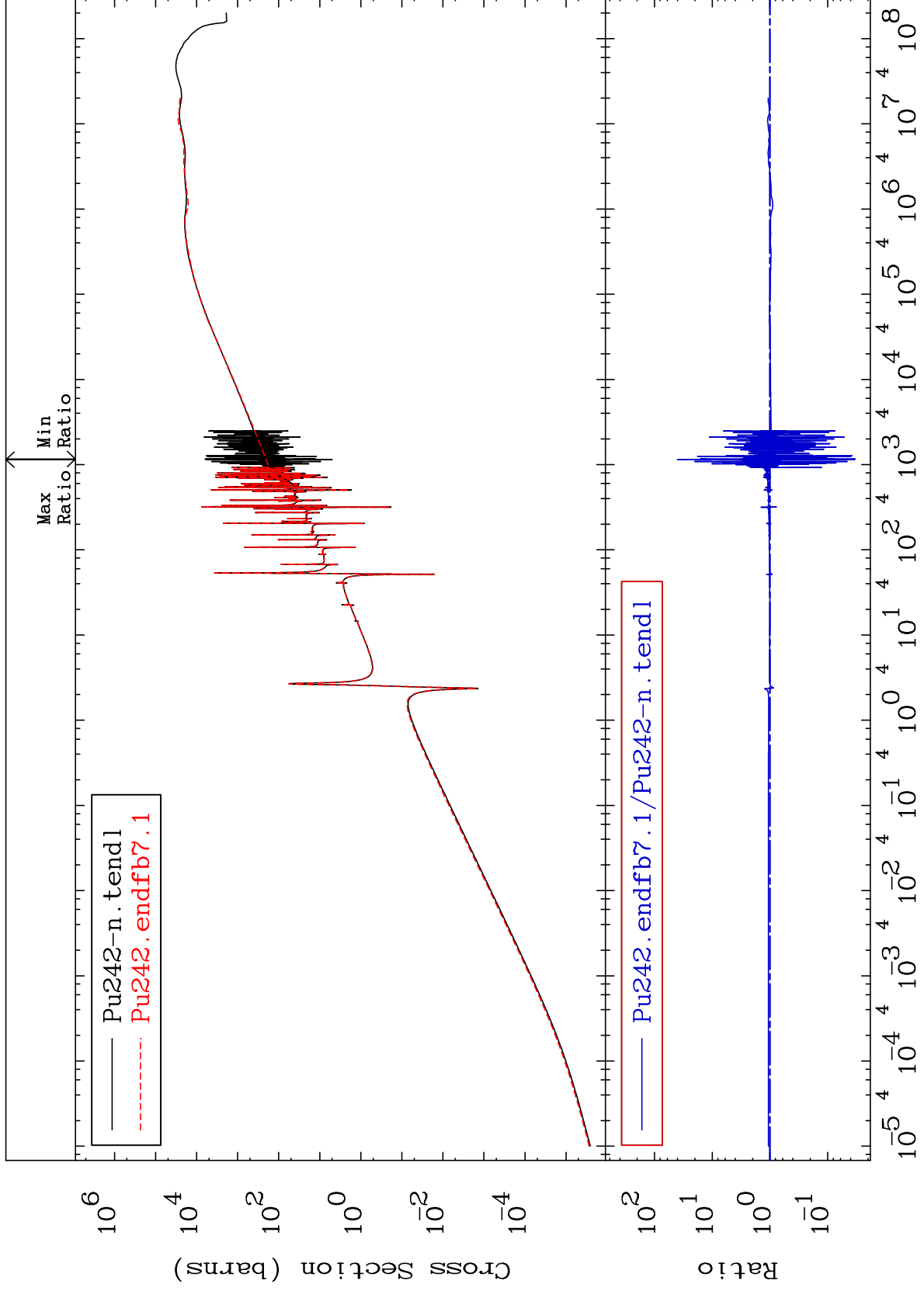
-95.97 To 9999. %



MAT 9446

Kerma elastic
Cross Section

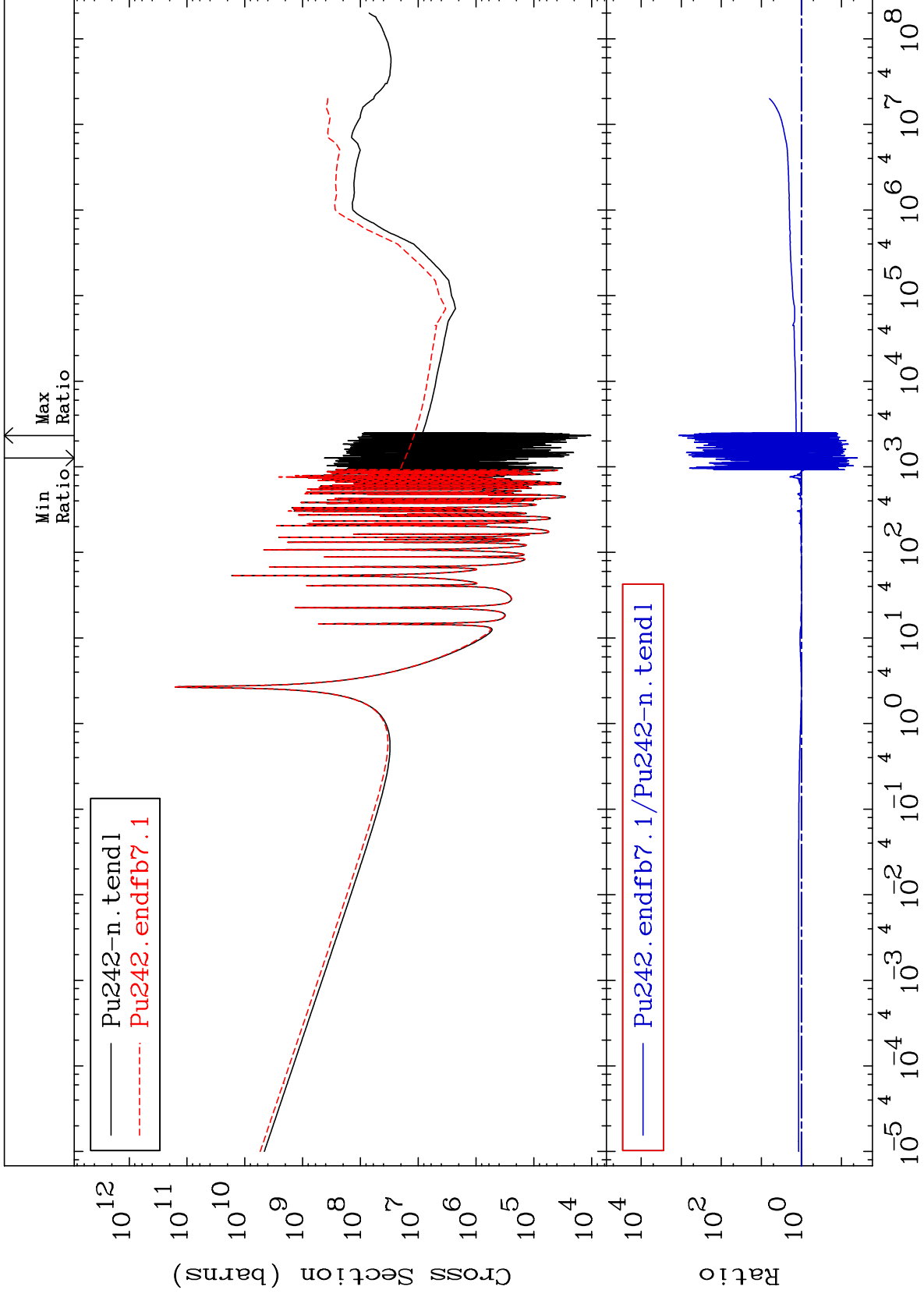
94-Pu-242
-96.67 To 3931. %

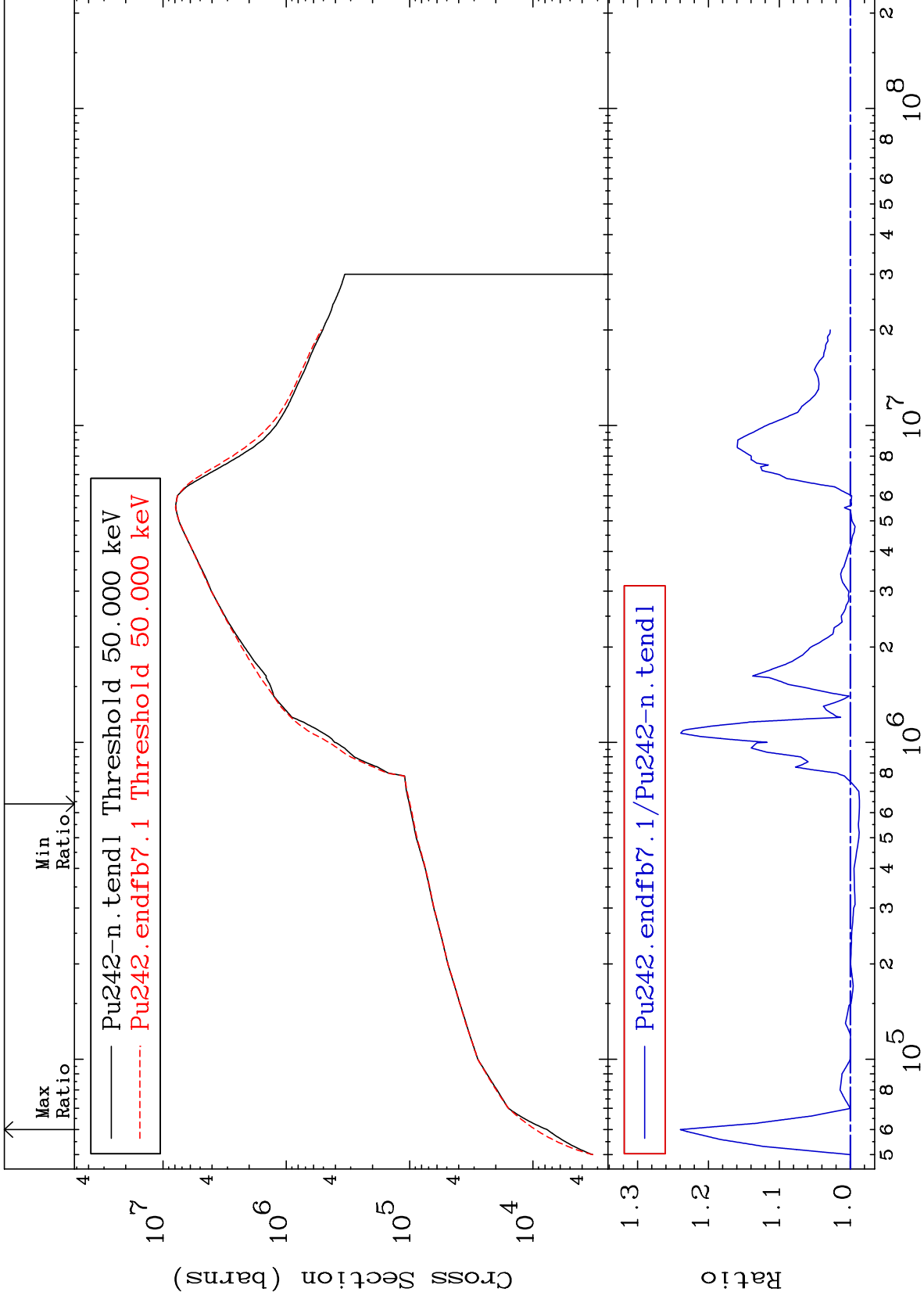


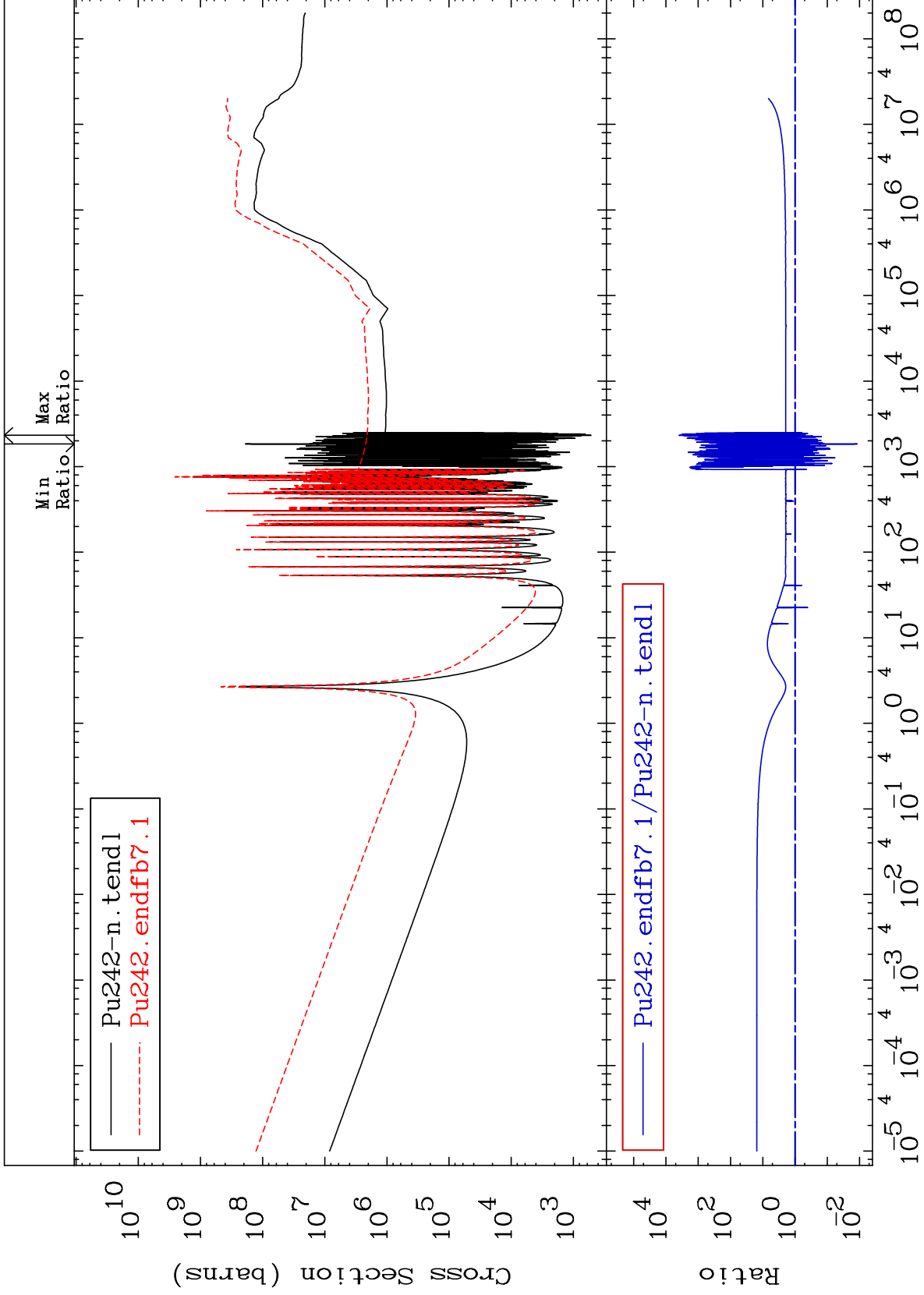
MAT 9446

Kerma non-elastic (all but mt2)
Cross Section

94-Pu-242
-95.97 To 9999. %



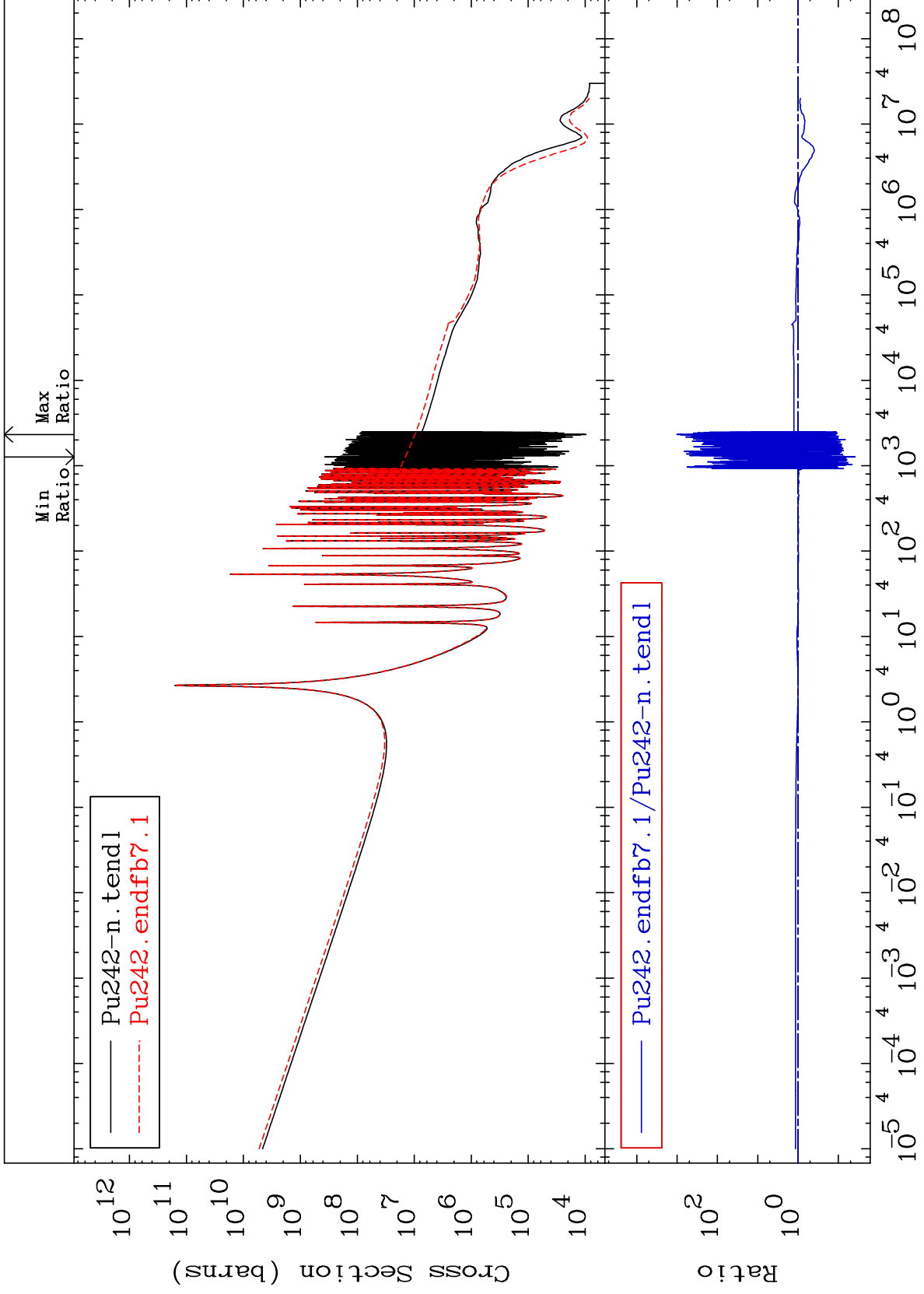




MAT 9446

Kerma capture (mt102)
Cross Section

94-Pu-242
-96.17 To 9999. %



39

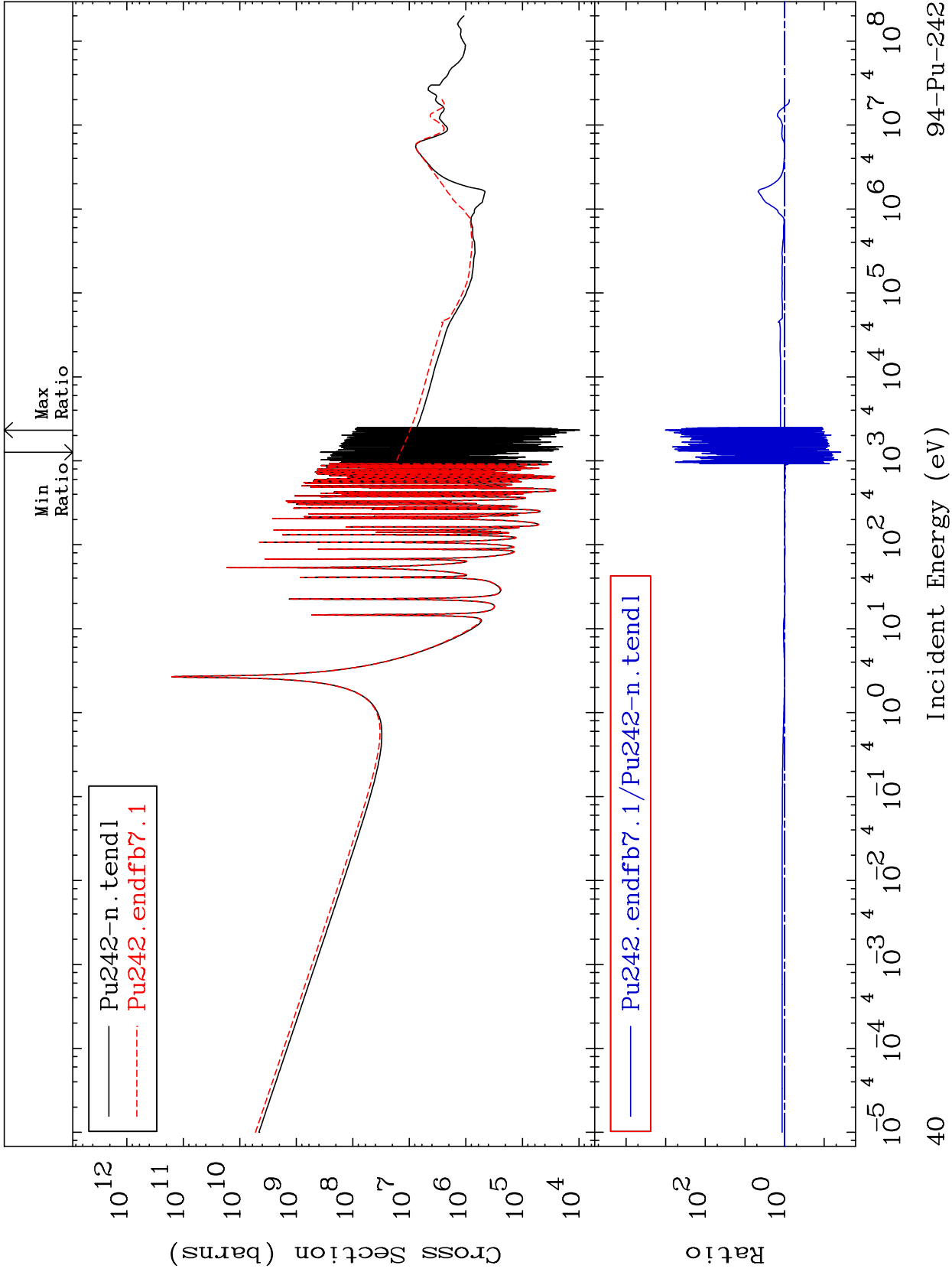
Incident Energy (eV)

94-Pu-242

MAT 9446

Total photon (eV-barns)
Cross Section

94-Pu-242
-96.17 To 9999. %



40

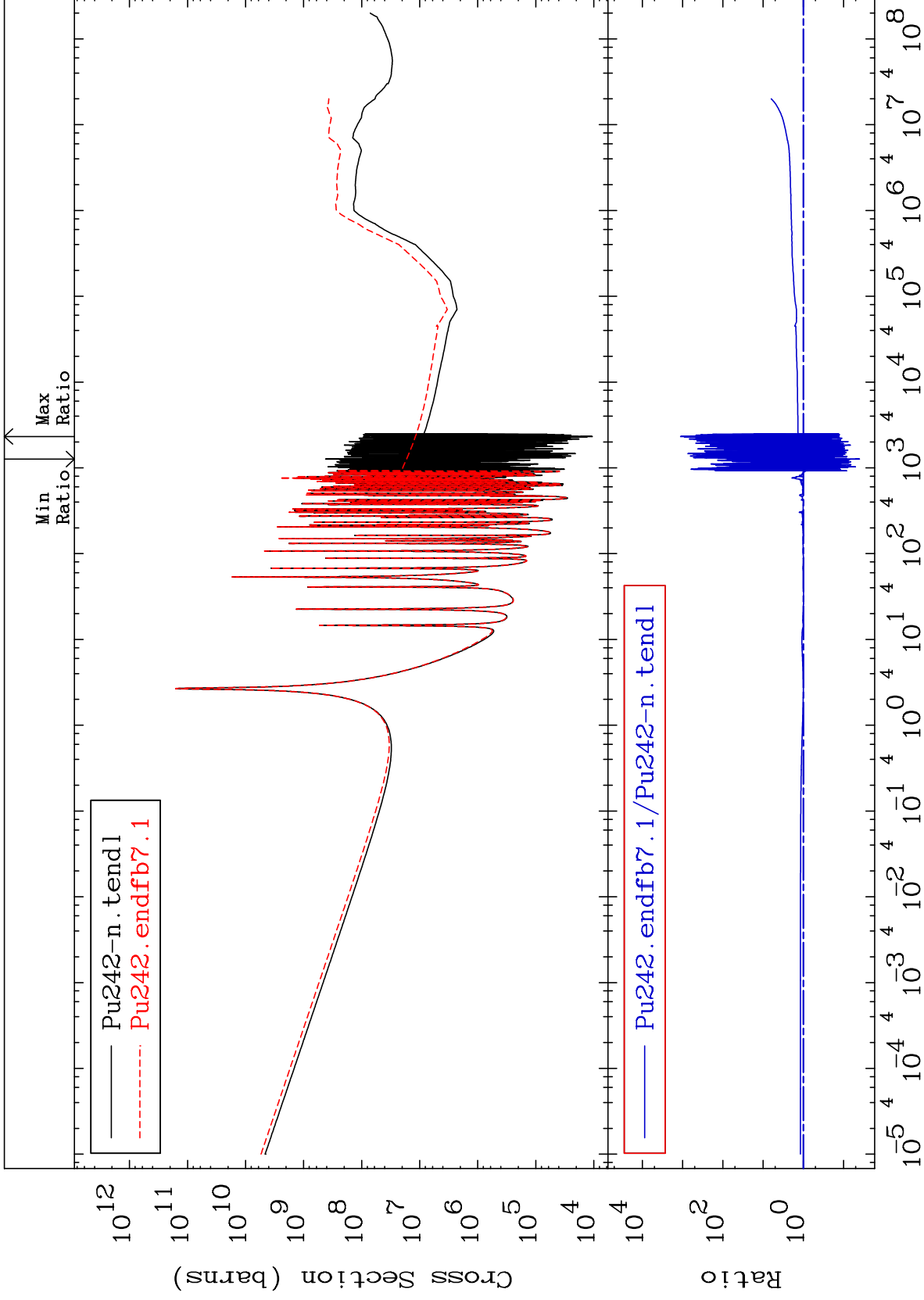
Incident Energy (eV)

94-Pu-242

MAT 9446

Total kinematic kerma (high limit)
Cross Section

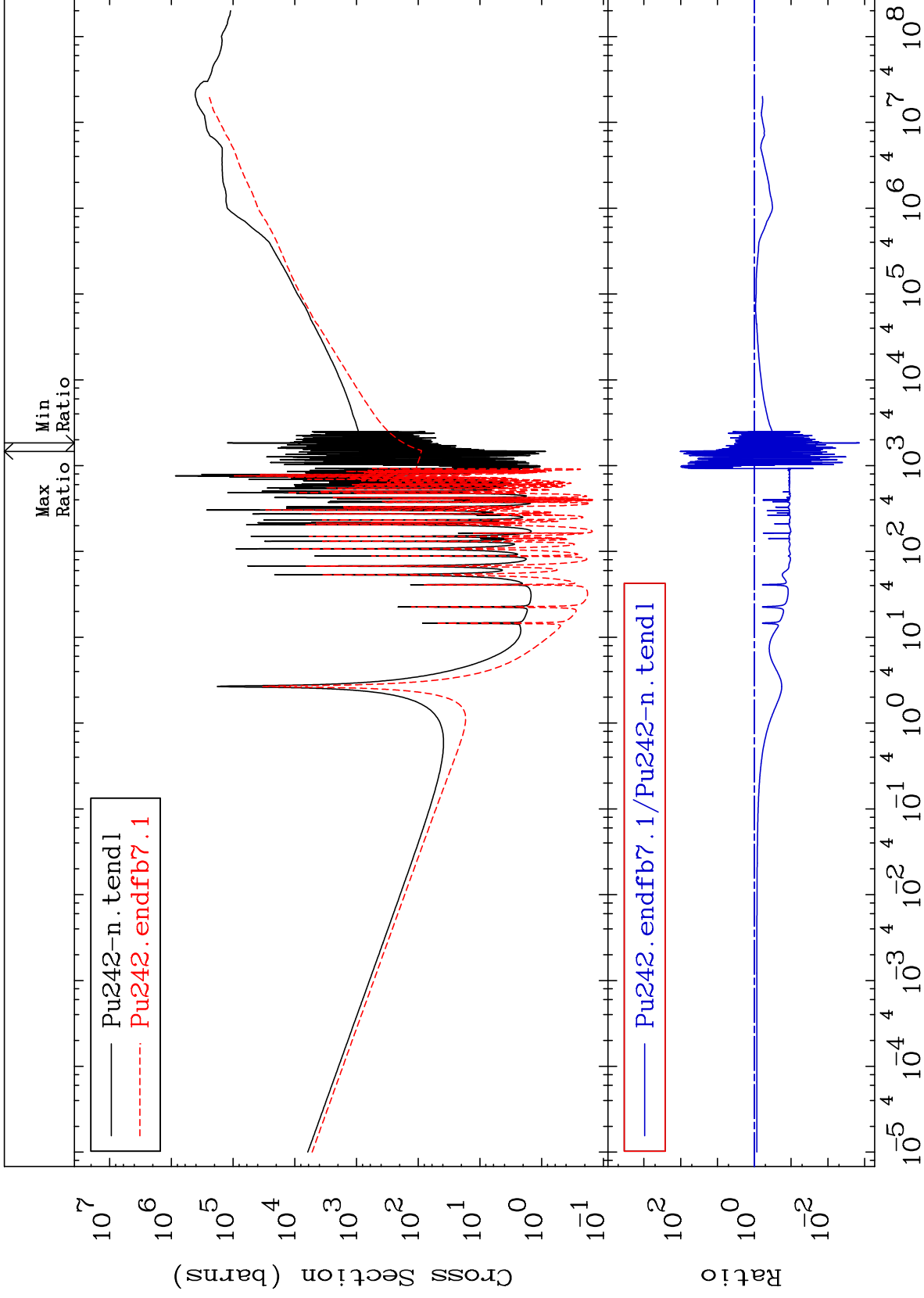
94-Pu-242
-95.97 To 9999. %



MAT 9446

Dpa total (eV-barns)
Cross Section

94-Pu-242
-99.86 To 9999. %



42

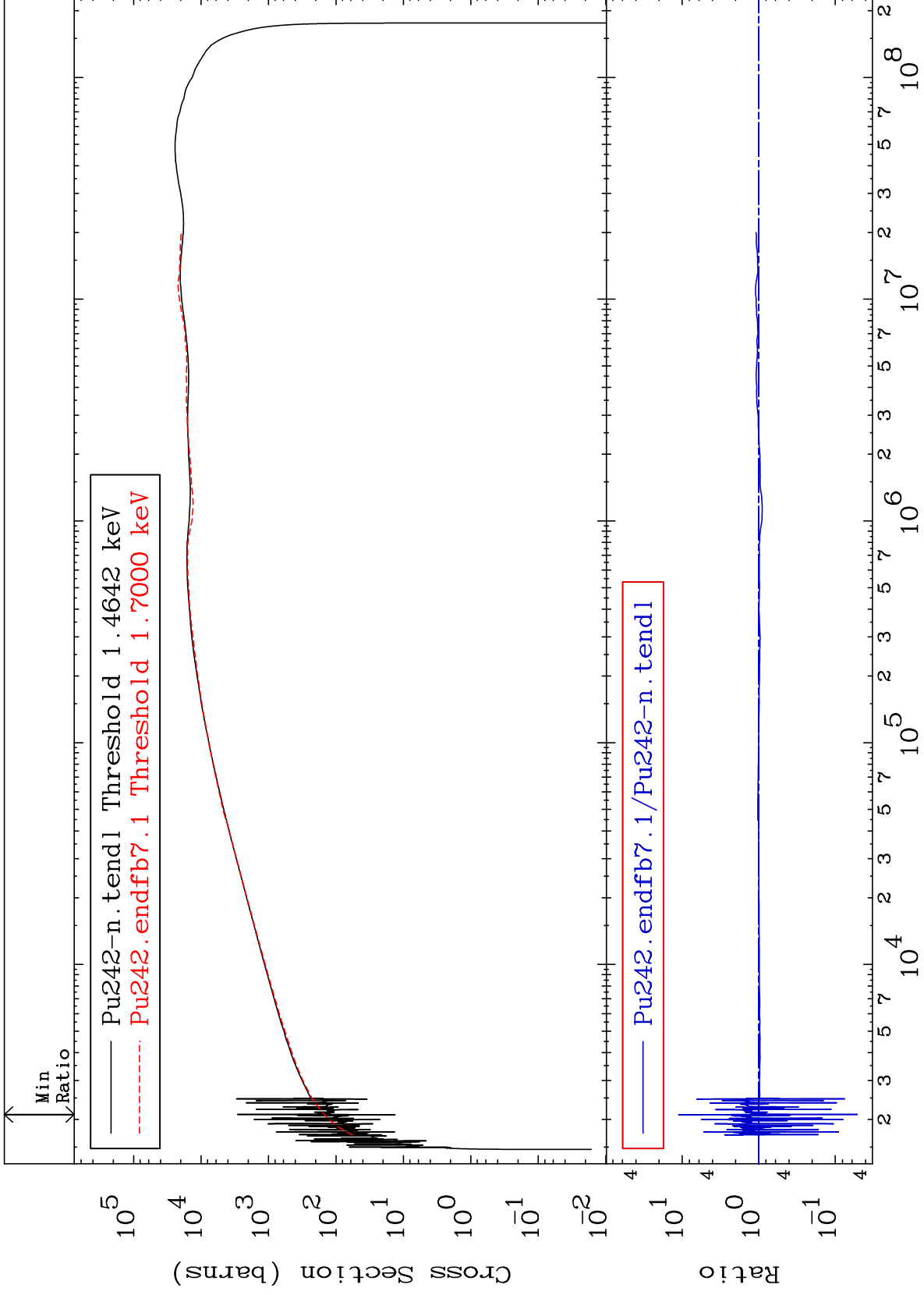
Incident Energy (eV)

94-Pu-242

MAT 9446

Dpa elastic (mt2)
Cross Section

94-Pu-242
-94.86 To 1009. %



MAT 9446

Dpa inelastic (mt51-91)
Cross Section

94-Pu-242
-0.727 To 247.8 %

