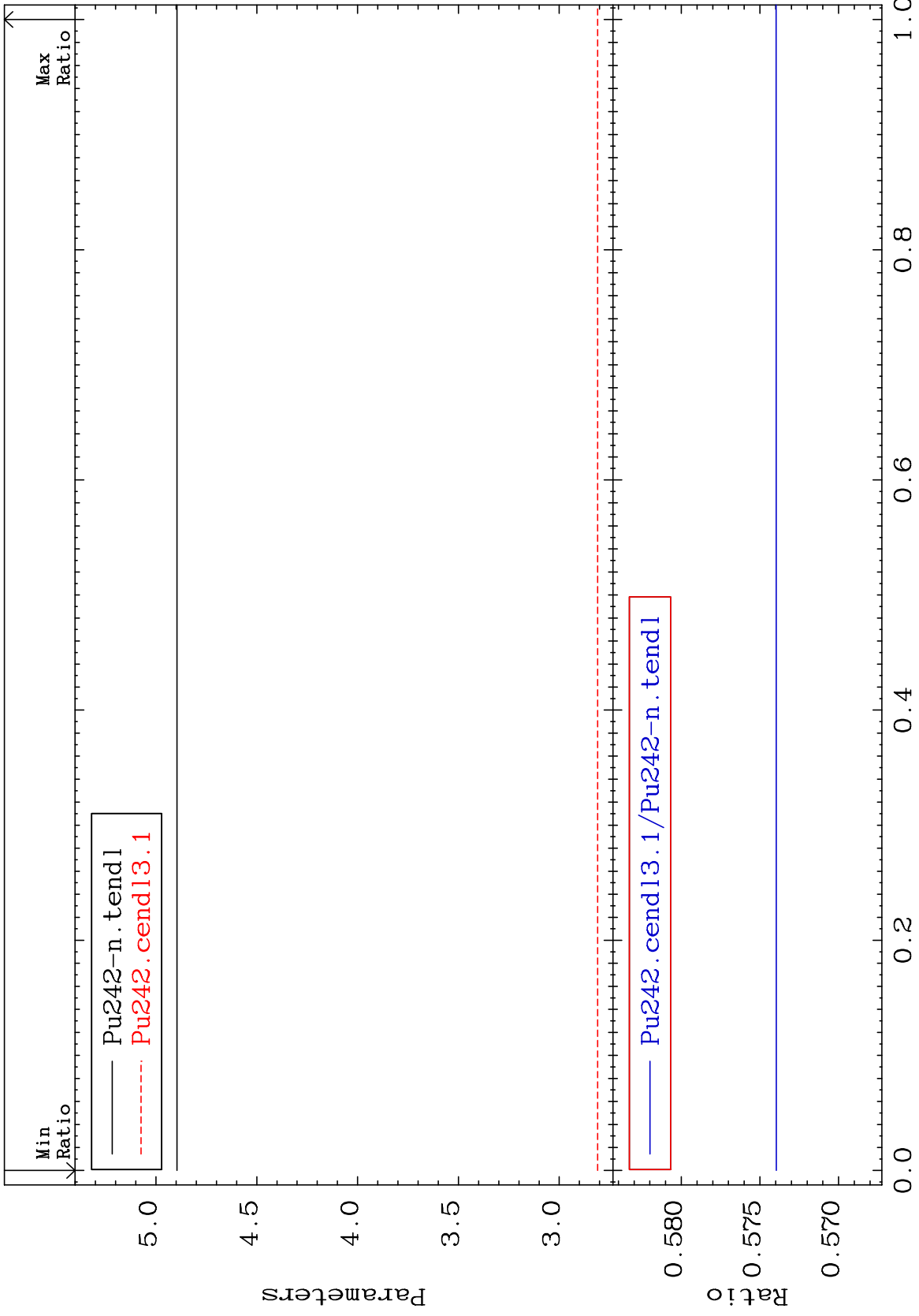


MAT 9446

Total $\bar{\nu}$
Parameters

94-Pu-242
-42.60 To -42.60%



1

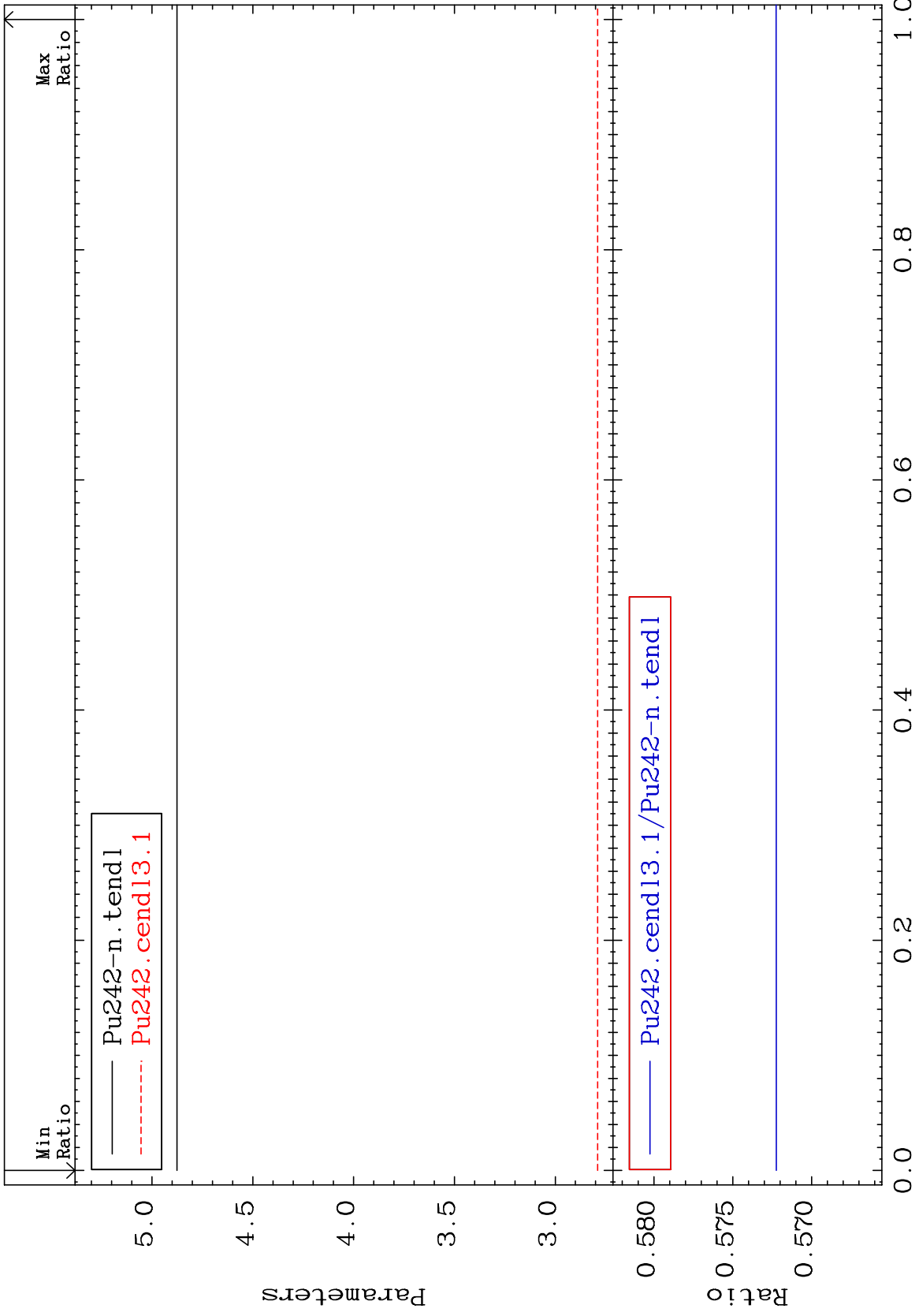
Incident Energy (KeV)

94-Pu-242

MAT 9446

Prompt $\bar{\nu}$
Parameters

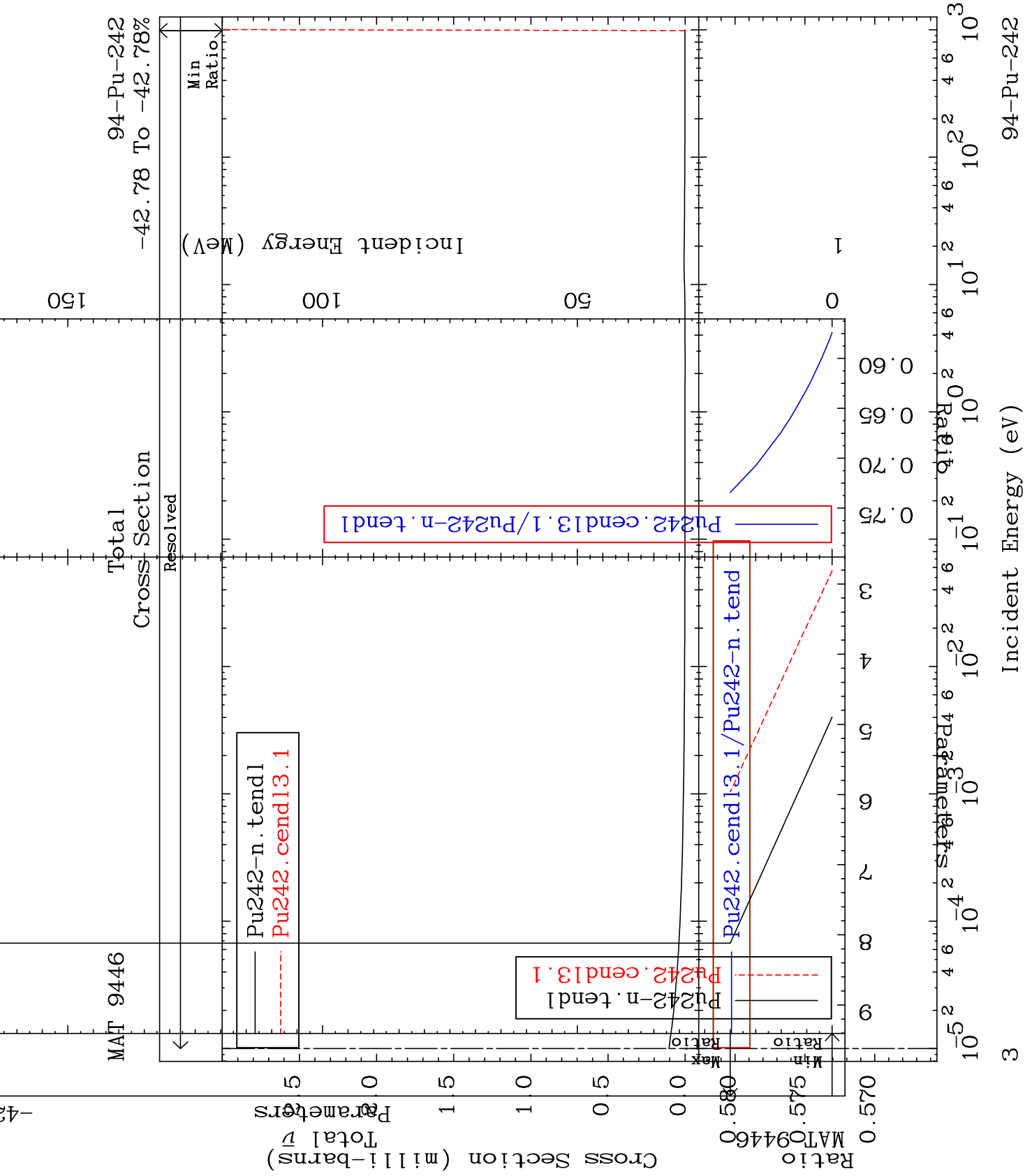
94-Pu-242
-42.78 To -42.78%



2

Incident Energy (KeV)

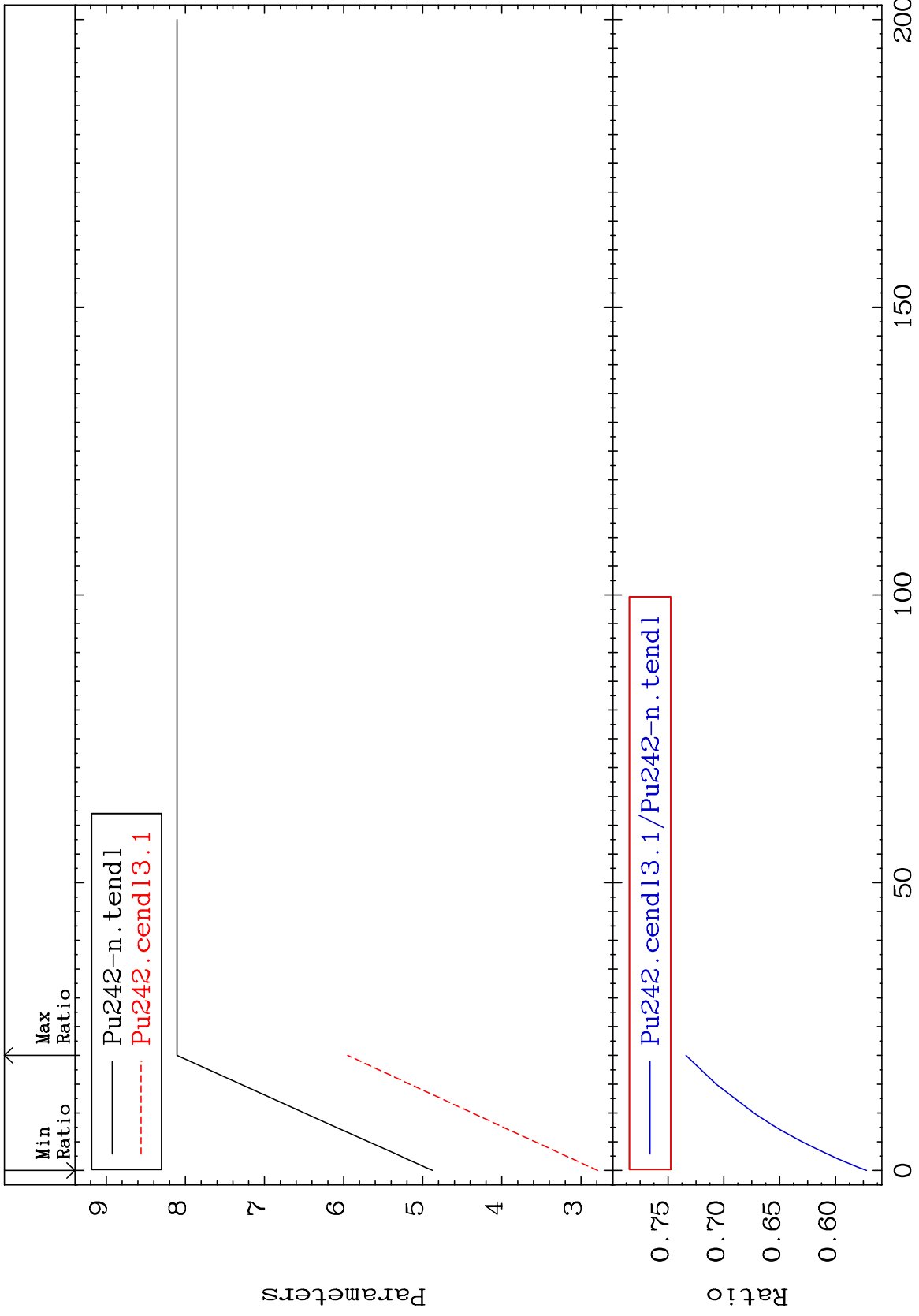
94-Pu-242



MAT 9446

Prompt $\bar{\nu}$
Parameters

94-Pu-242
-42.78 To -26.61%



2

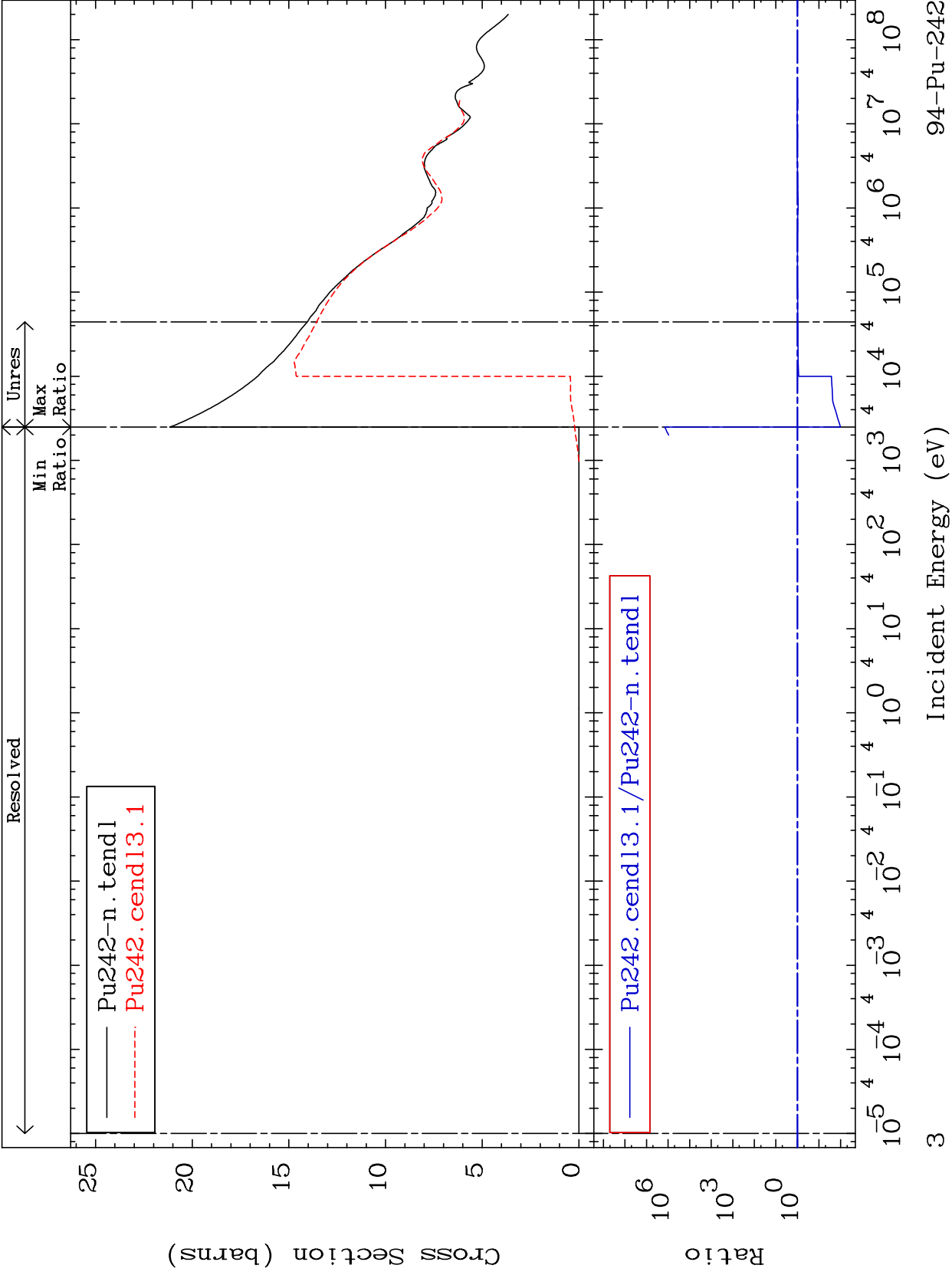
Incident Energy (MeV)

94-Pu-242

MAT 9446

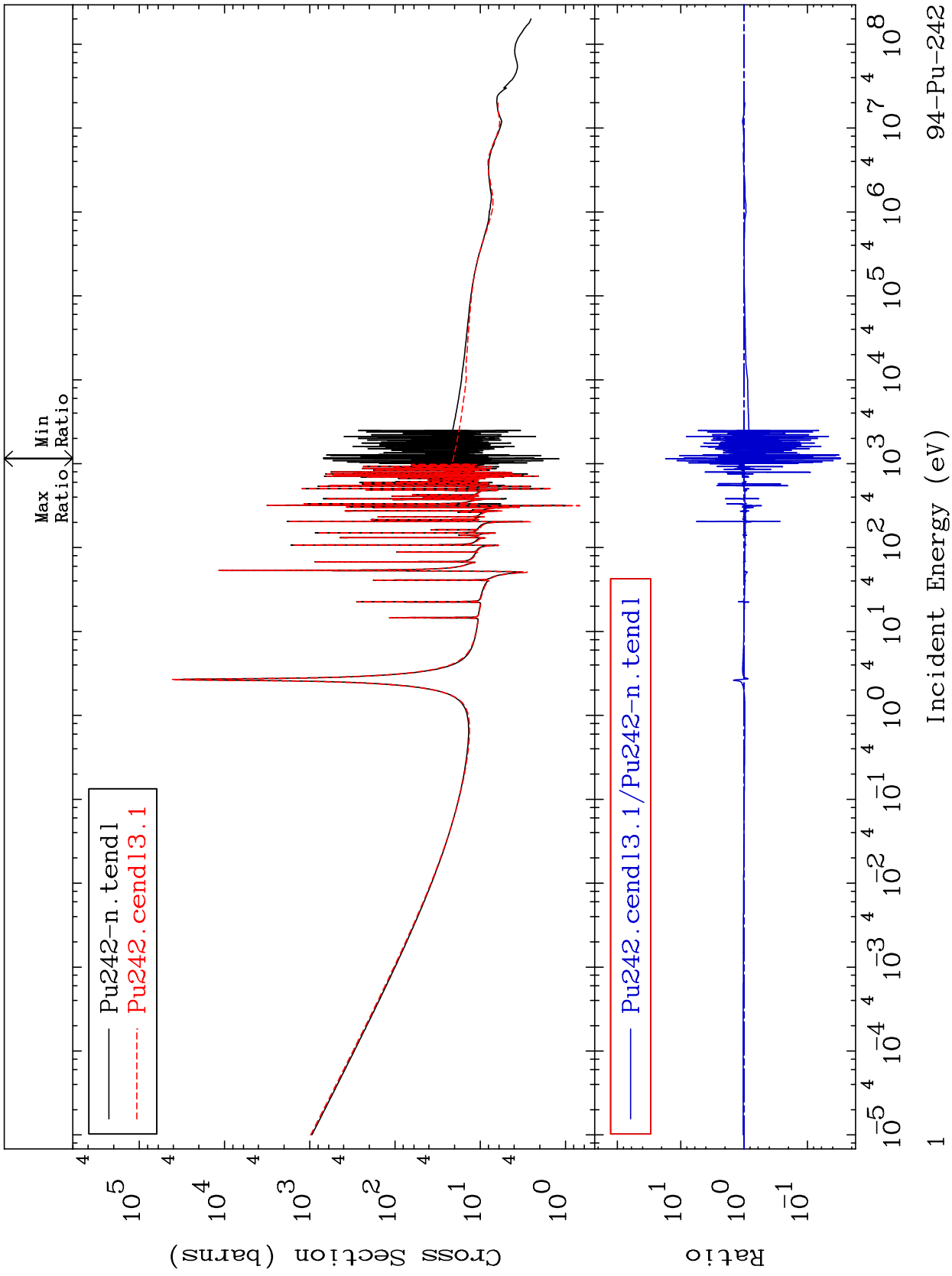
Total
Cross Section

94-Pu-242
-98.98 To 9999. %



MAT 9446

Total Cross Section
94-Pu-242
-97.01 To 1636. %



94-Pu-242

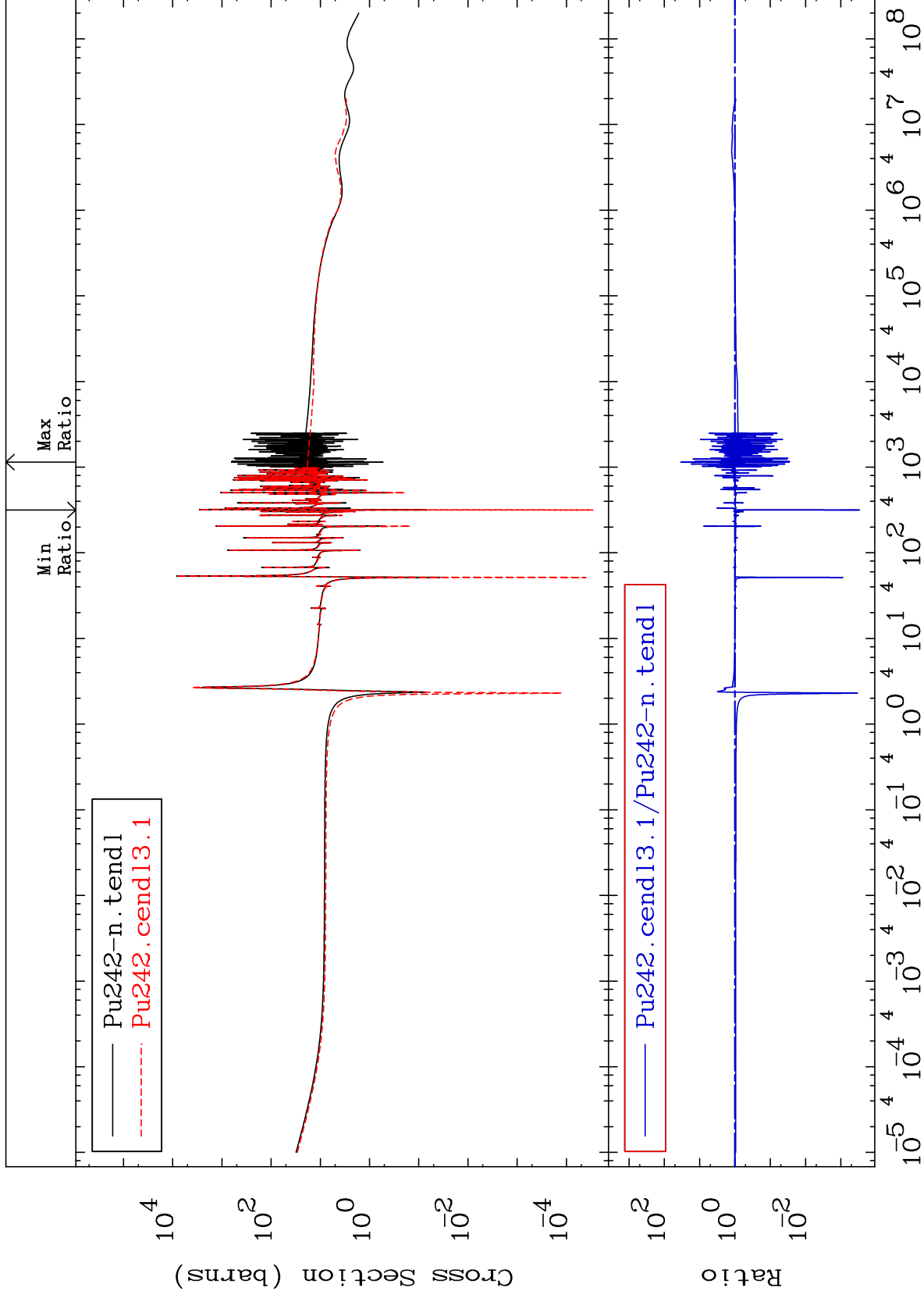
MAT 9446

Elastic

94-Pu-242

Cross Section

-99.97 To 3319. %



2

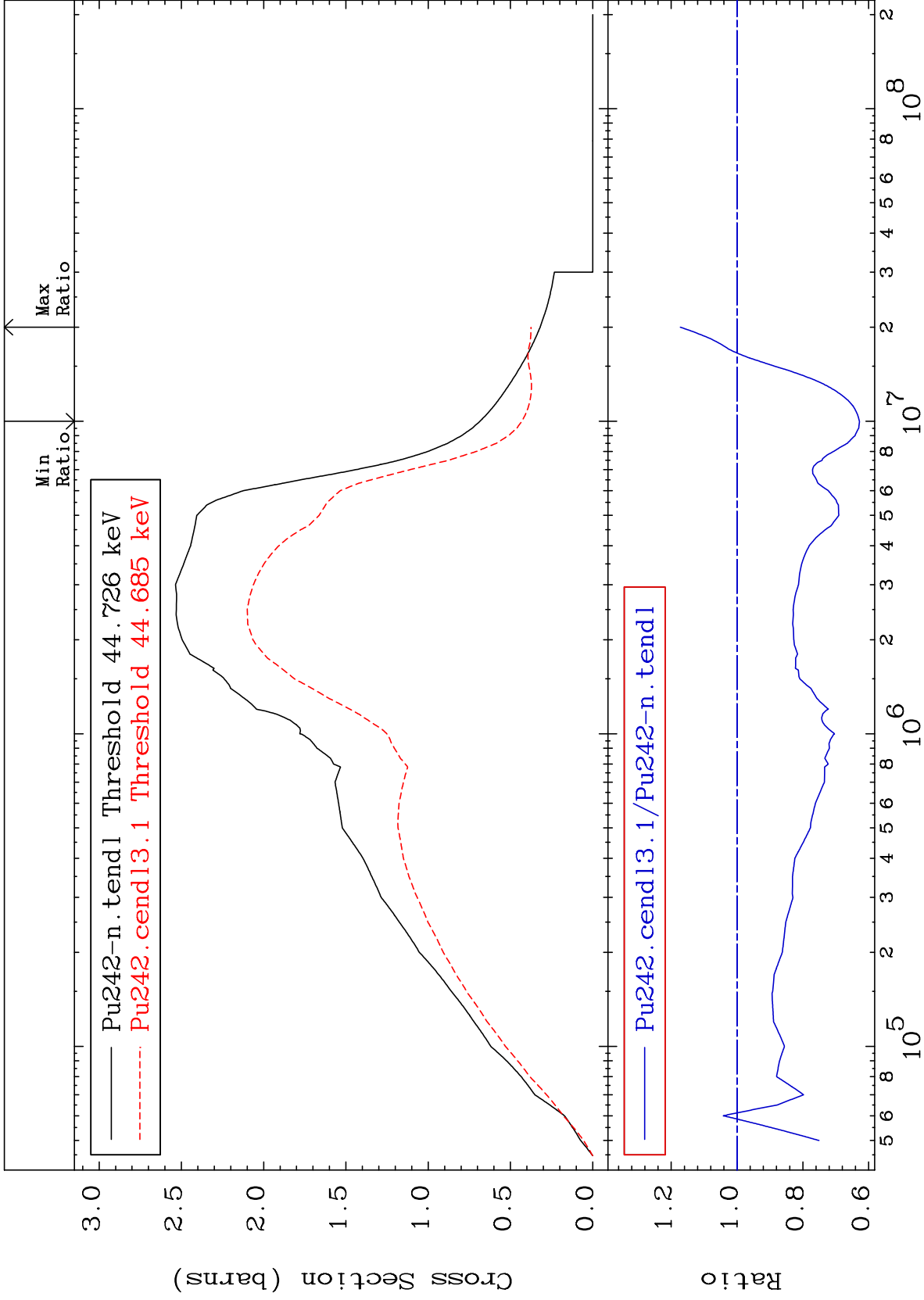
Incident Energy (eV)

94-Pu-242

MAT 9446

Inelastic
Cross Section

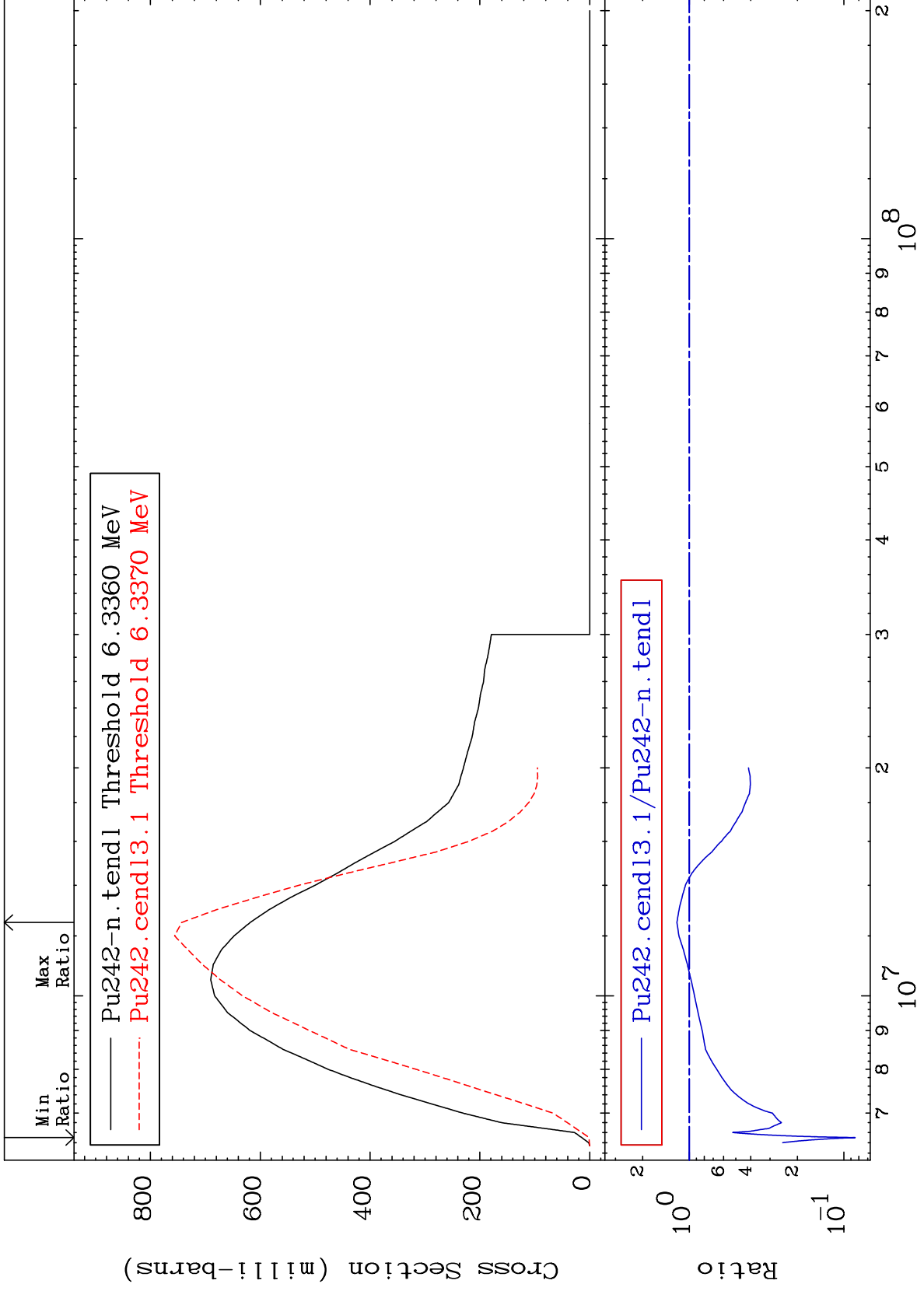
94-Pu-242
-37.19 To 17.22 %



MAT 9446

(n,2n)
Cross Section

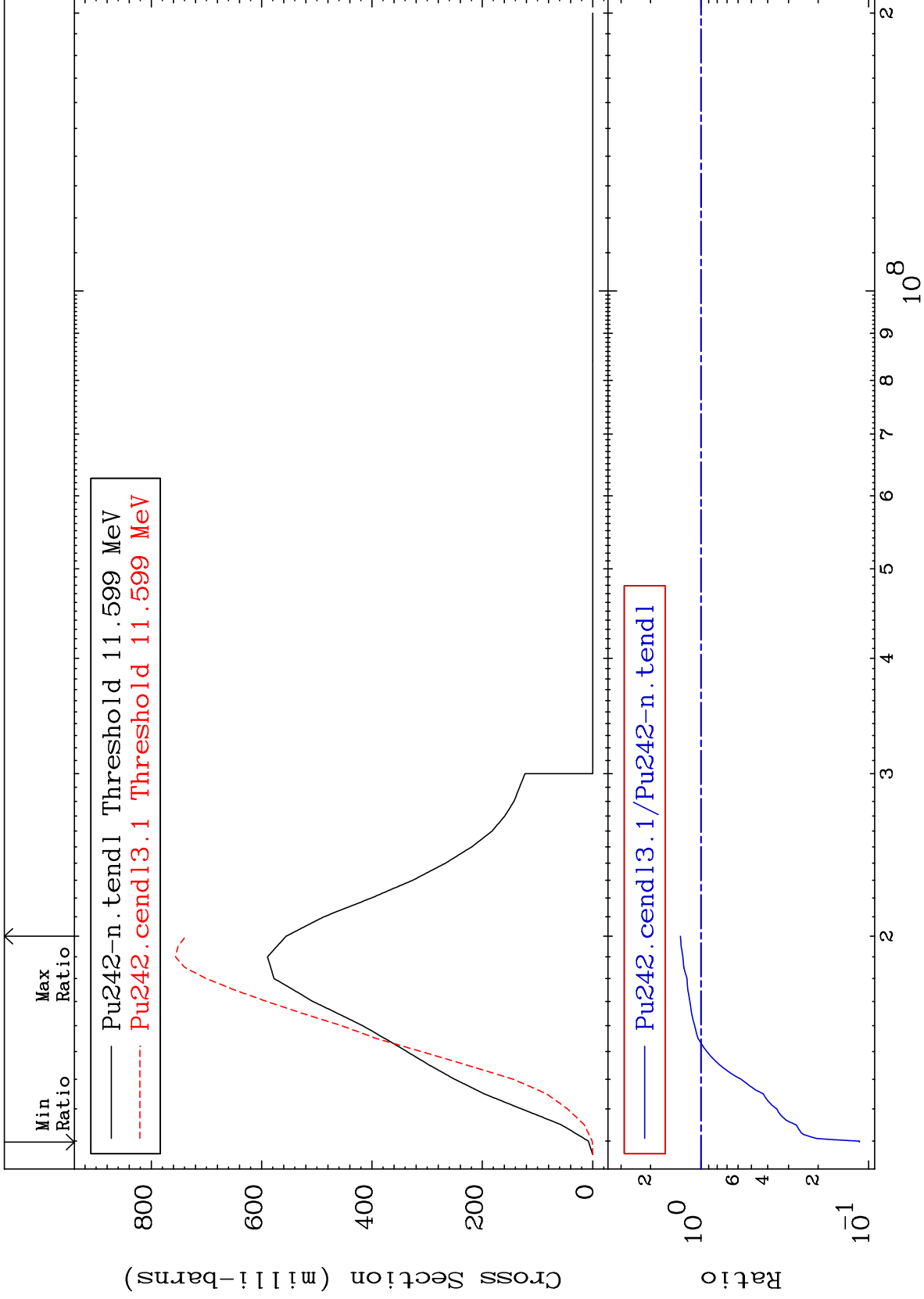
94-Pu-242
-91.54 To 20.18 %



MAT 9446

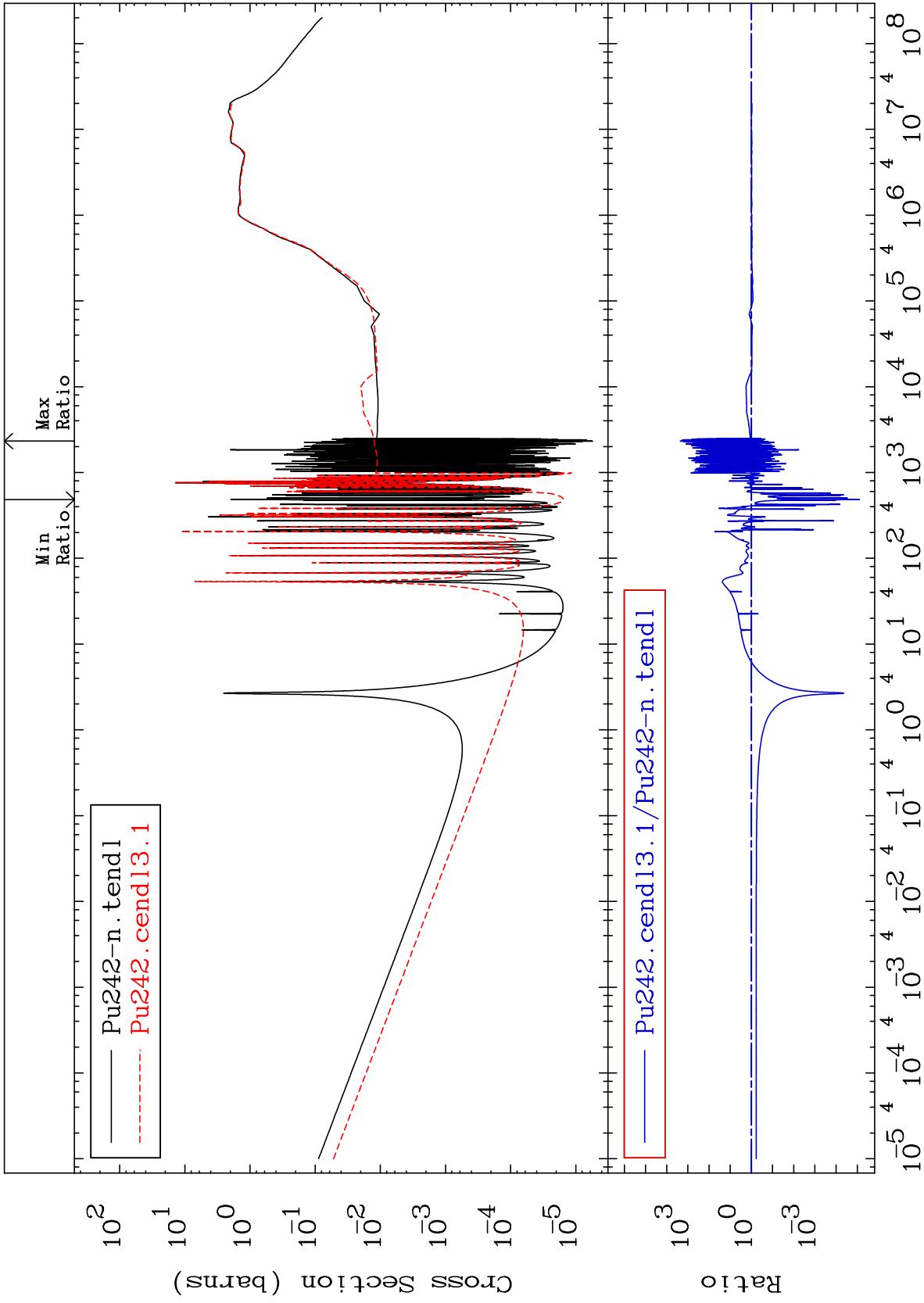
(n,3n)
Cross Section

94-Pu-242
-88.66 To 32.74 %



MAT 9446

Fission Cross Section 94-Pu-242
-100.0 To 9999. %



Incident Energy (eV)

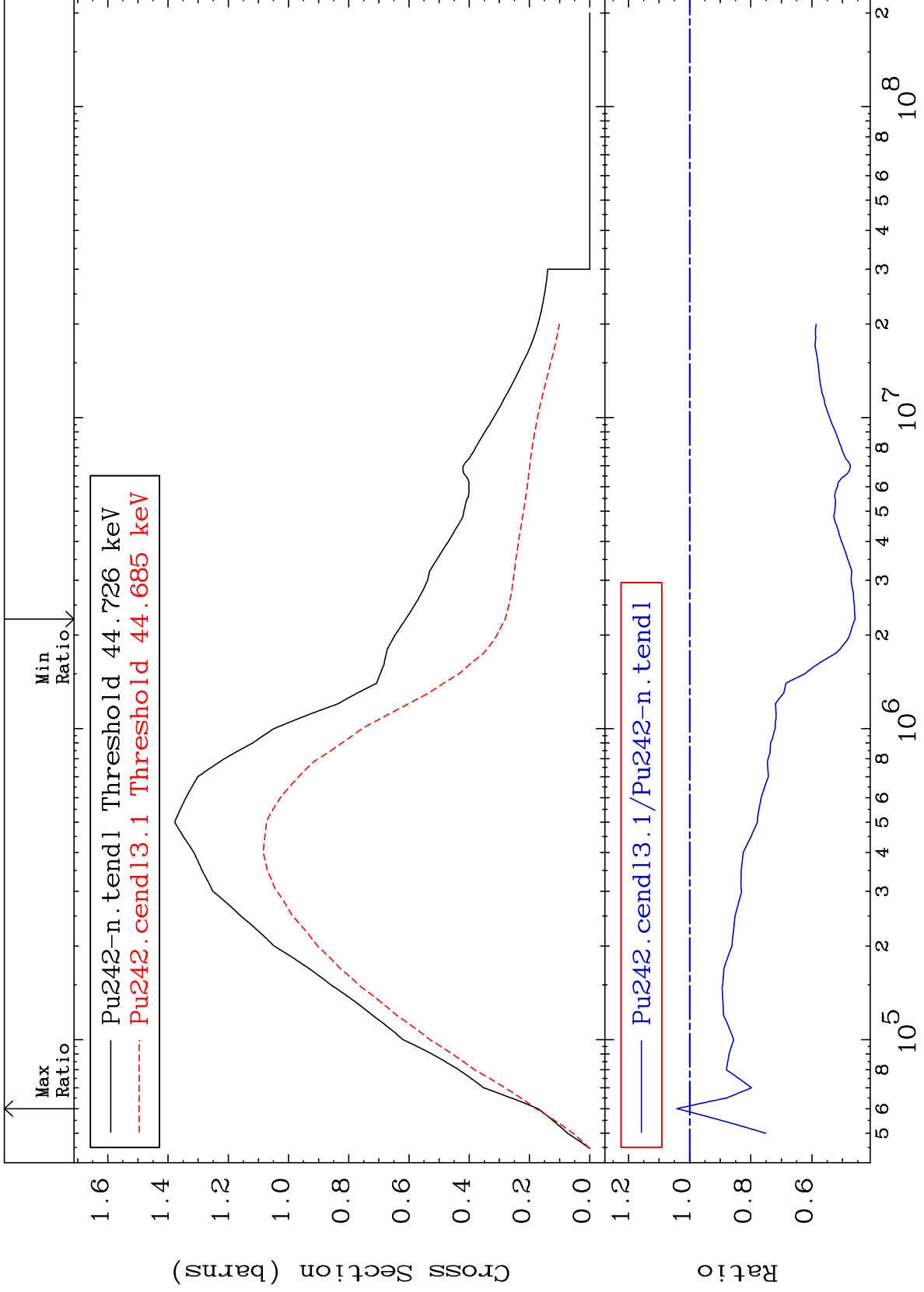
94-Pu-242

6

MAT 9446

44.54 keV (n,n') Level
Cross Section

94-Pu-242
-54.11 To 4.159 %



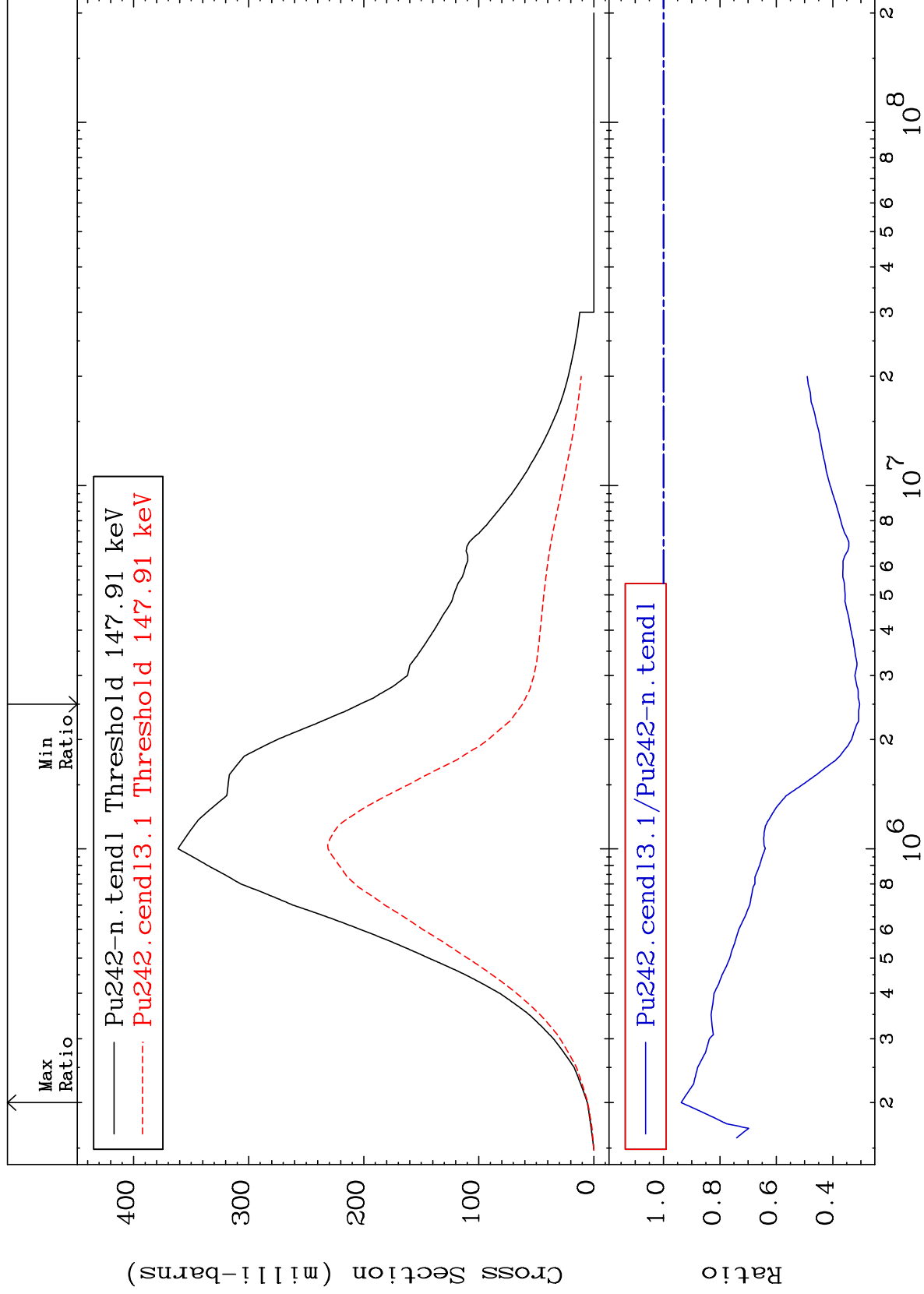
MAT 9446

147.3 keV (n,n') Level

94-Pu-242

Cross Section

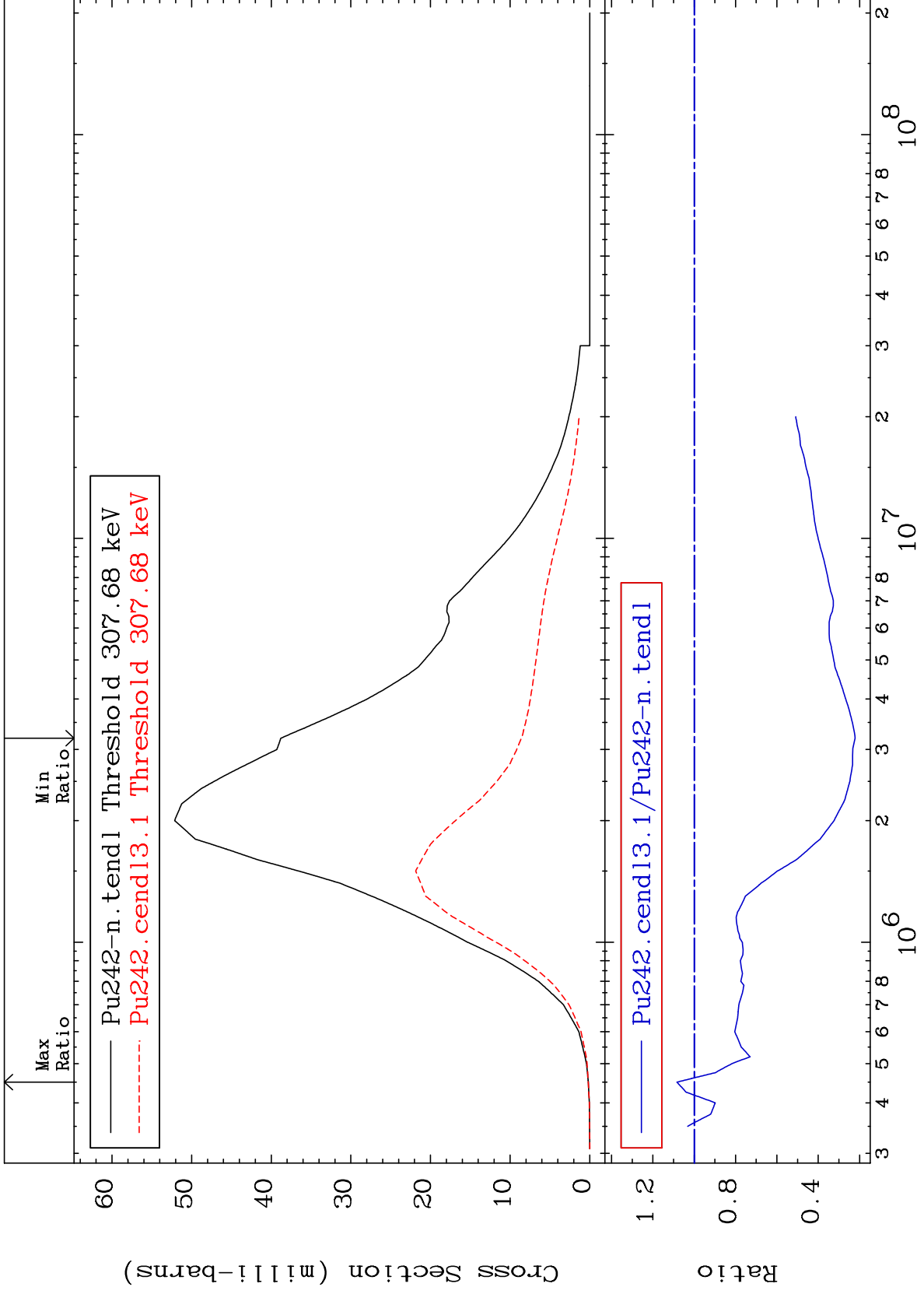
-69.53 To -6.270%



MAT 9446

306.4 keV (n,n') Level
Cross Section

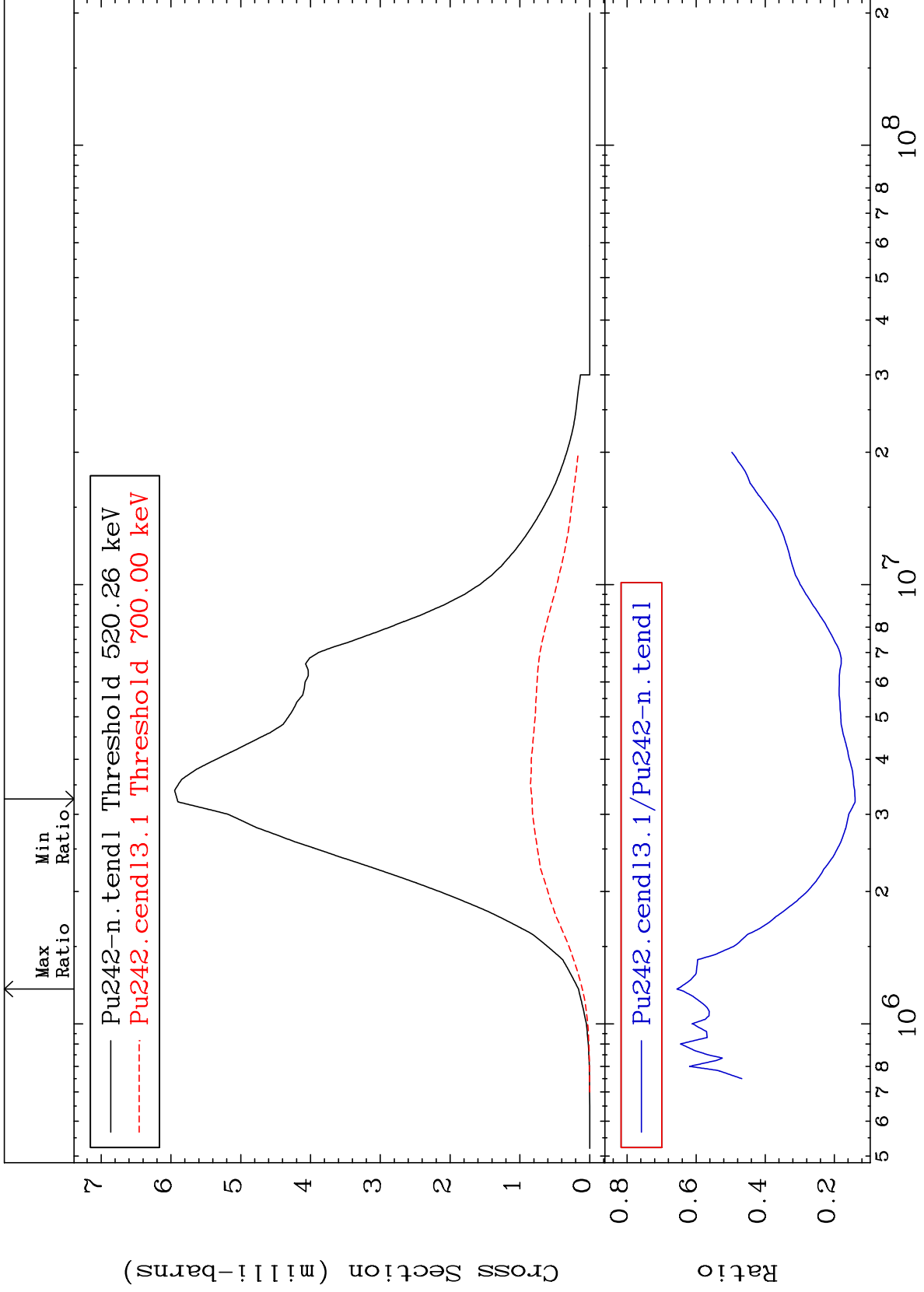
94-Pu-242
-77.84 To 8.371 %



MAT 9446

518.1 keV (n,n') Level
Cross Section

94-Pu-242
-86.02 To -34.45%



10

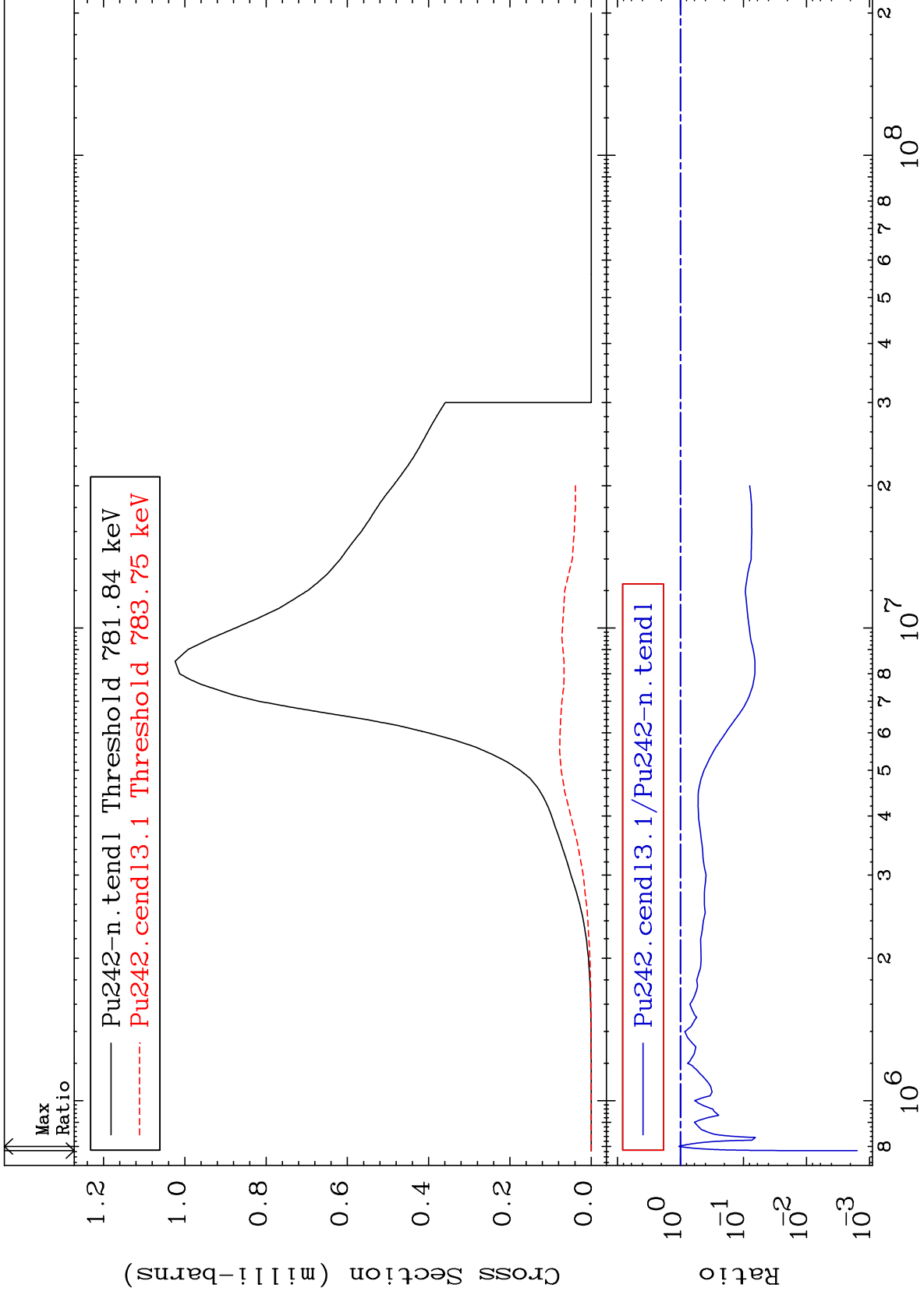
Incident Energy (eV)

94-Pu-242

MAT 9446

778.6 keV (n,n') Level
Cross Section

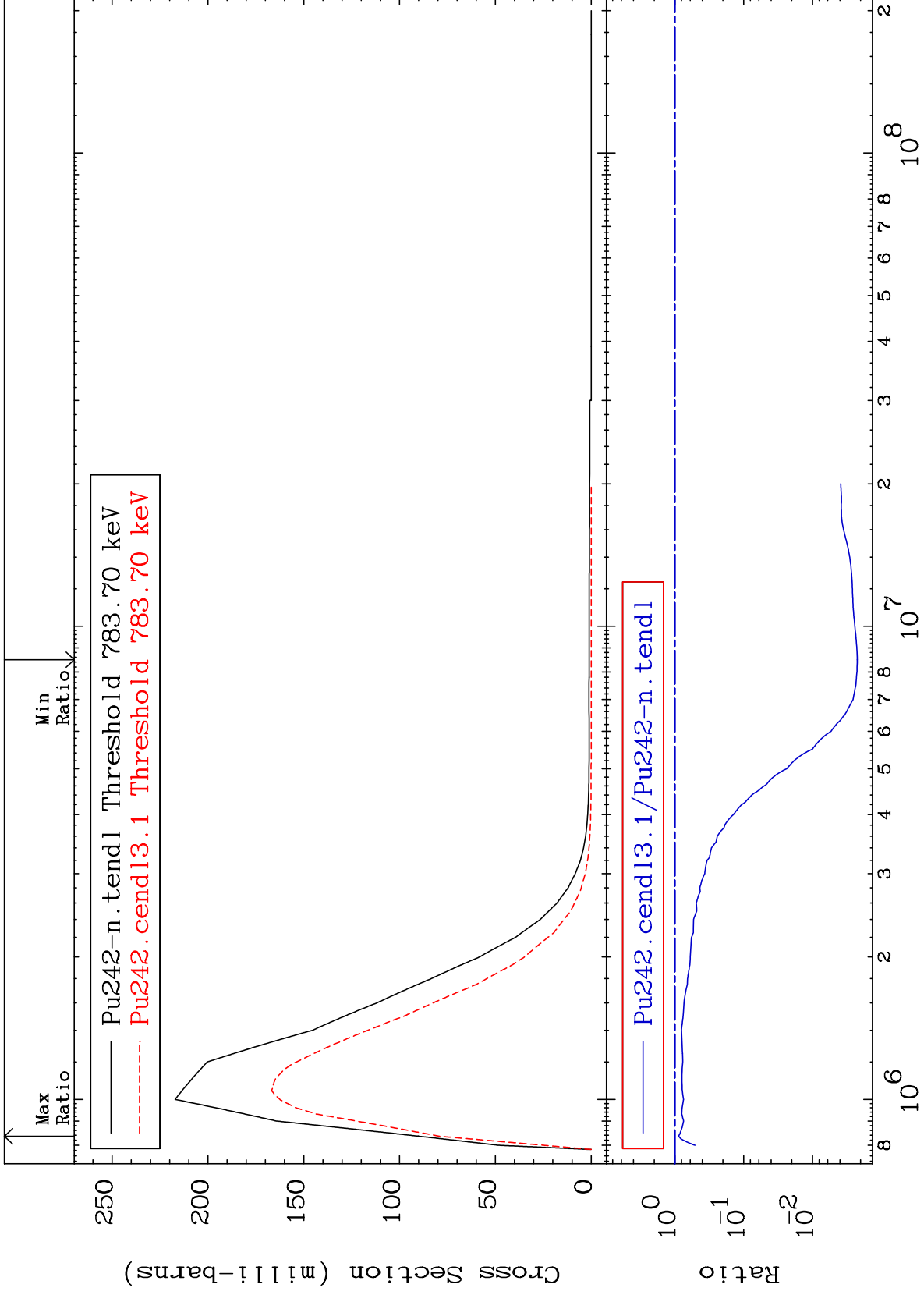
94-Pu-242
-99.84 To 6.619 %



MAT 9446

780.4 keV (n,n') Level
Cross Section

94-Pu-242
-99.78 To -11.84%



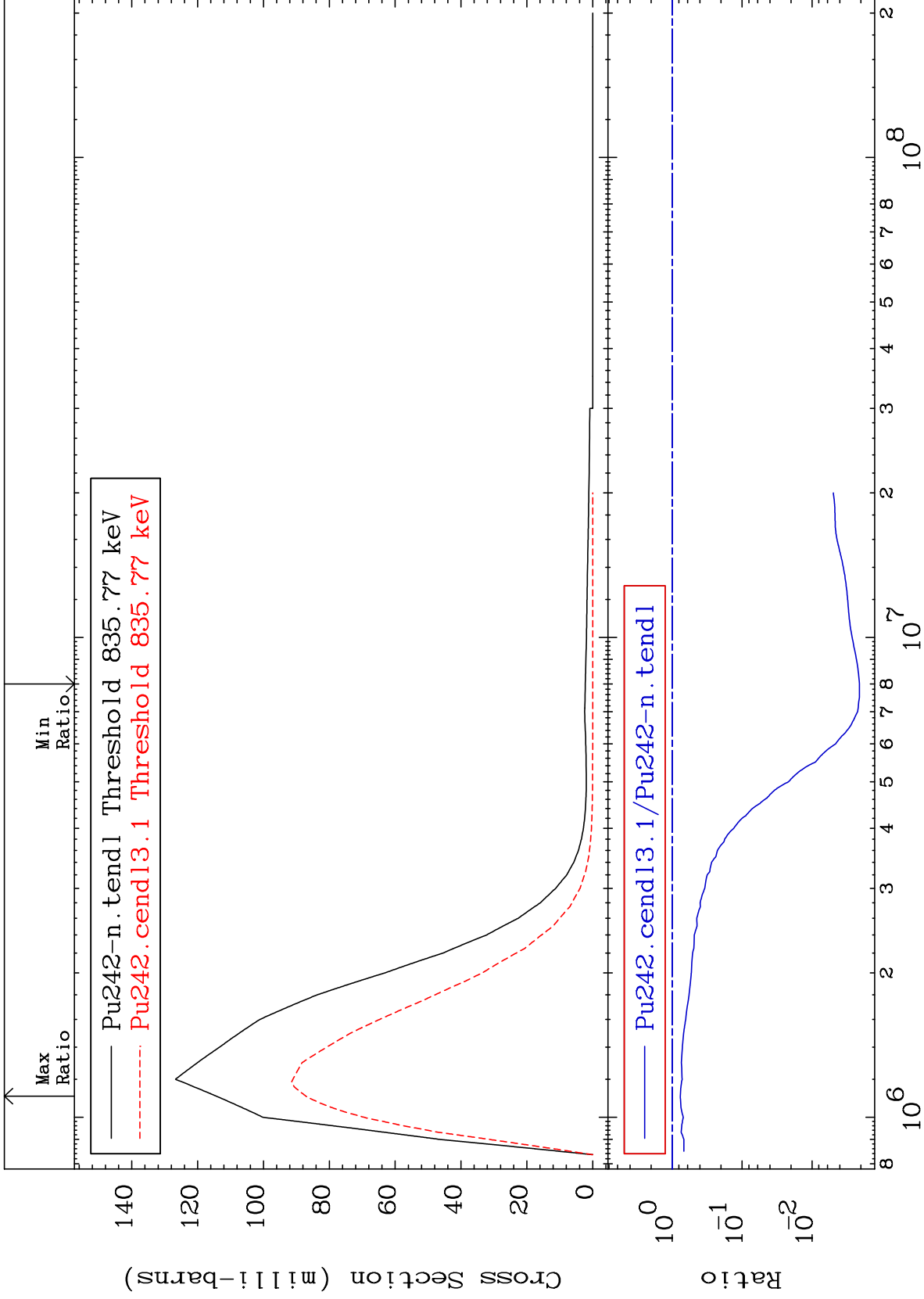
12

94-Pu-242

MAT 9446

832.3 keV (n,n') Level
Cross Section

94-Pu-242
-99.79 To -23.81%



13

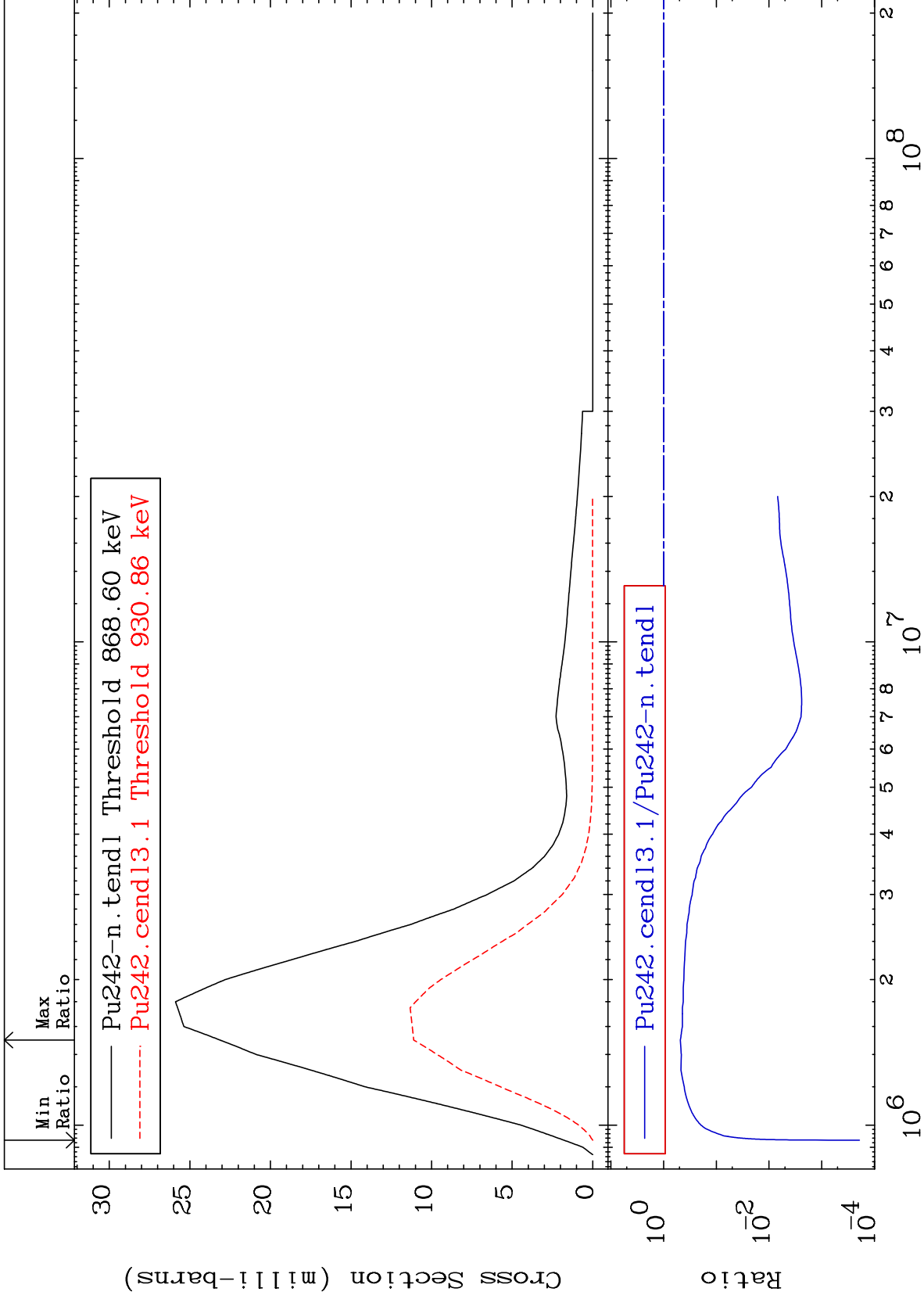
Incident Energy (eV)

94-Pu-242

MAT 9446

865.0 keV (n,n') Level
Cross Section

94-Pu-242
-99.98 To -51.97%



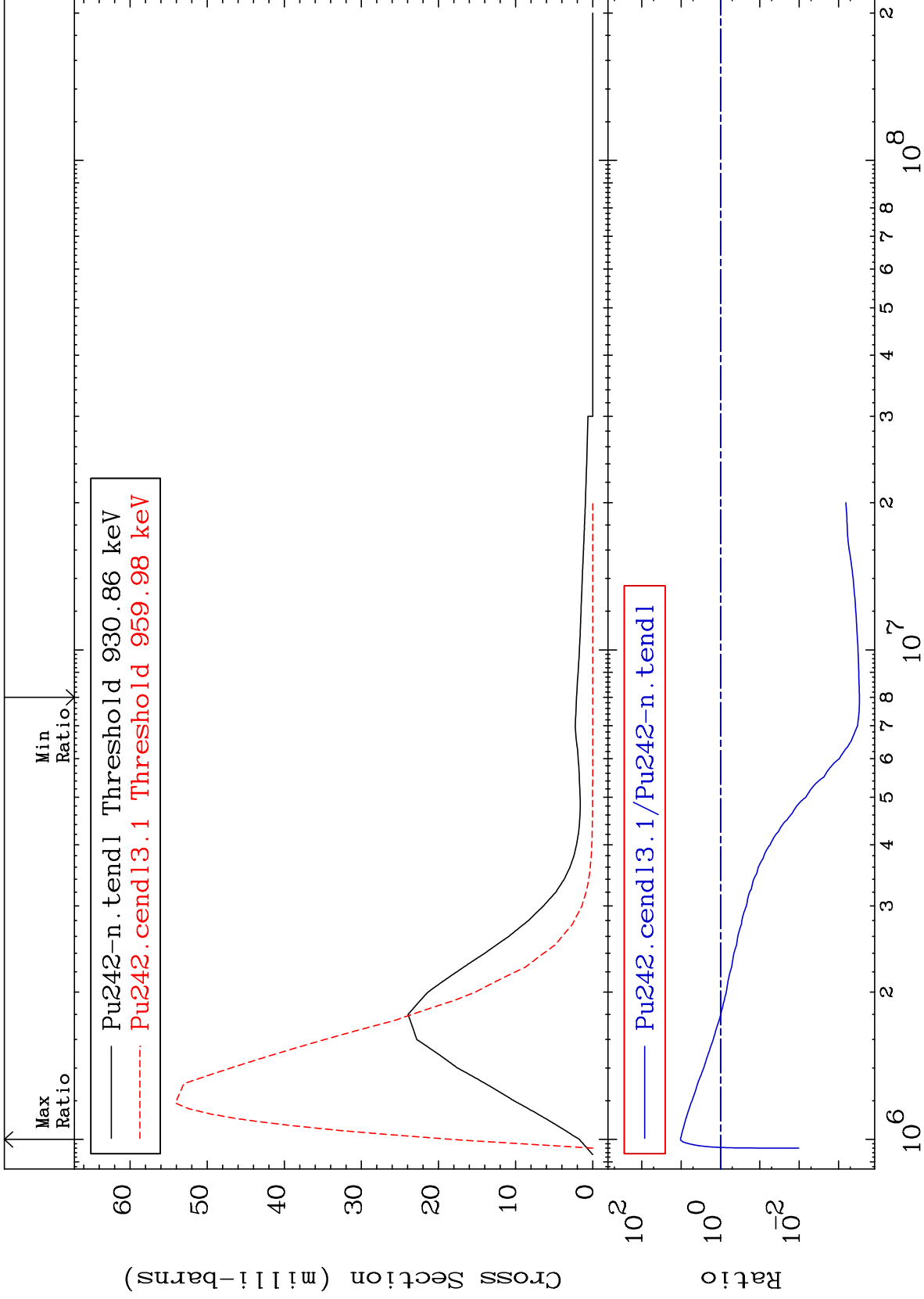
14

94-Pu-242

MAT 9446

927.0 keV (n,n') Level
Cross Section

94-Pu-242
-99.97 To 948.4 %



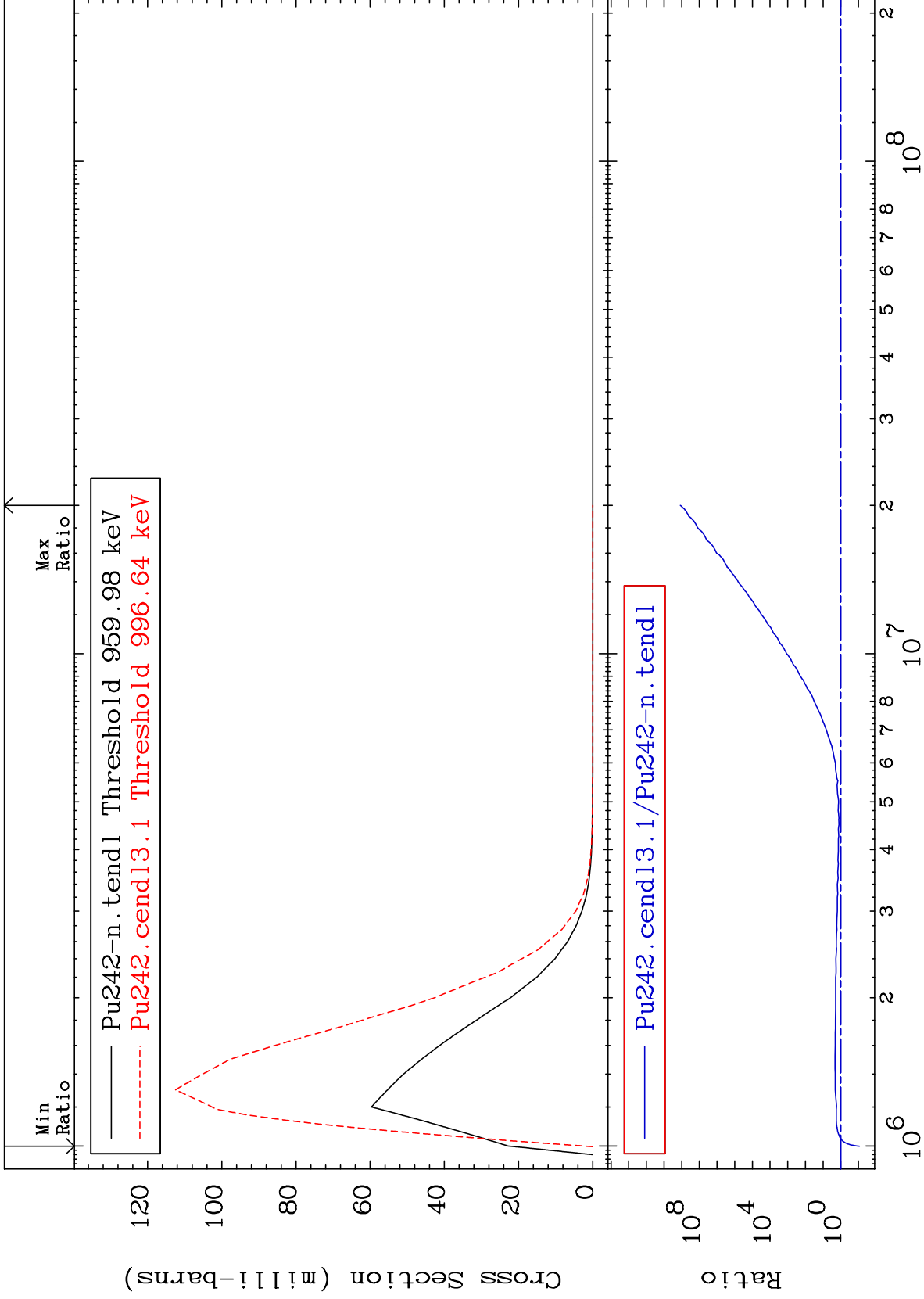
15

94-Pu-242

MAT 9446

956.0 keV (n,n') Level
Cross Section

94-Pu-242
-91.24 To 9999. %



16

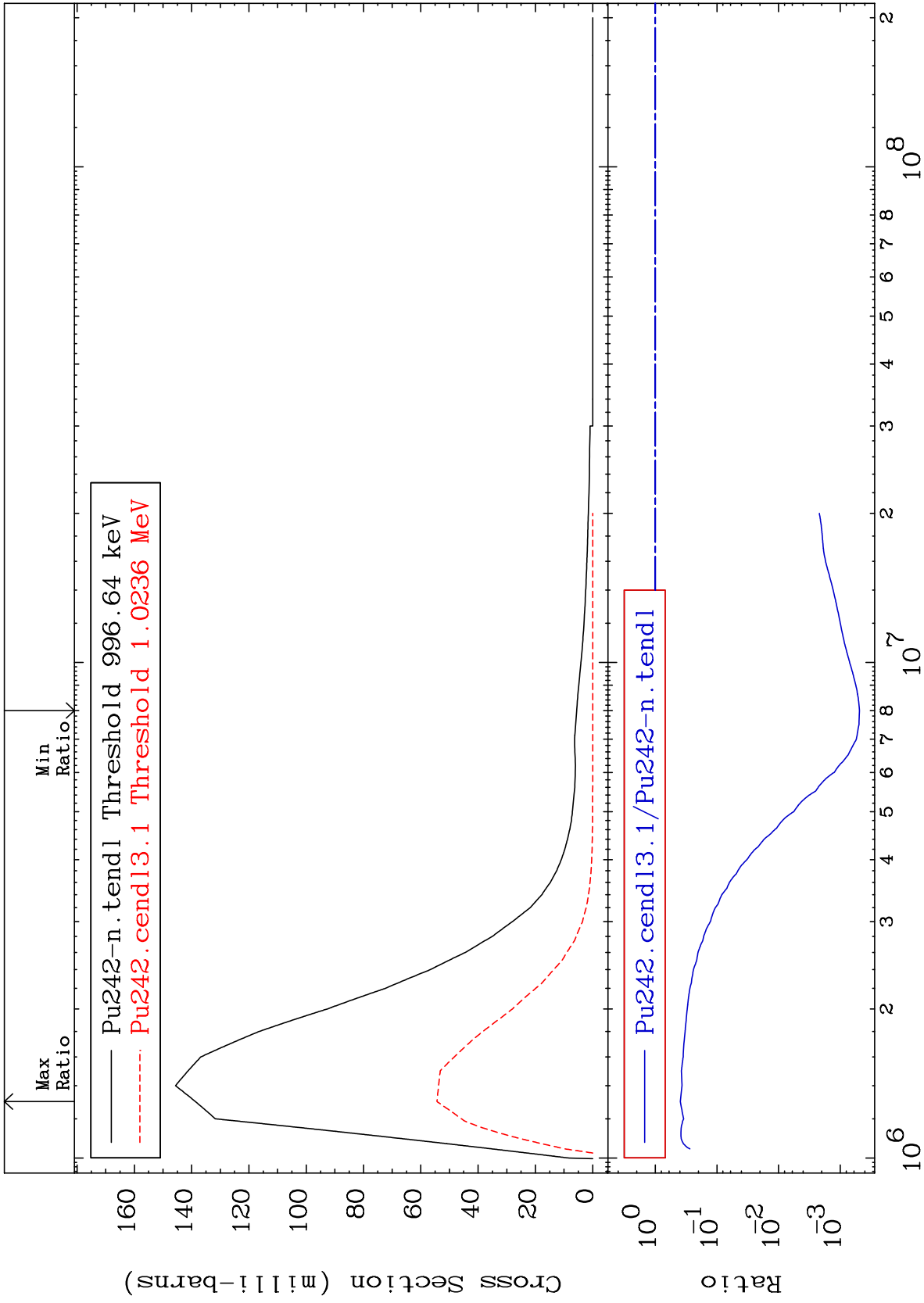
Incident Energy (eV)

94-Pu-242

MAT 9446

992.5 keV (n,n') Level
Cross Section

94-Pu-242
-99.95 To -60.79%



17

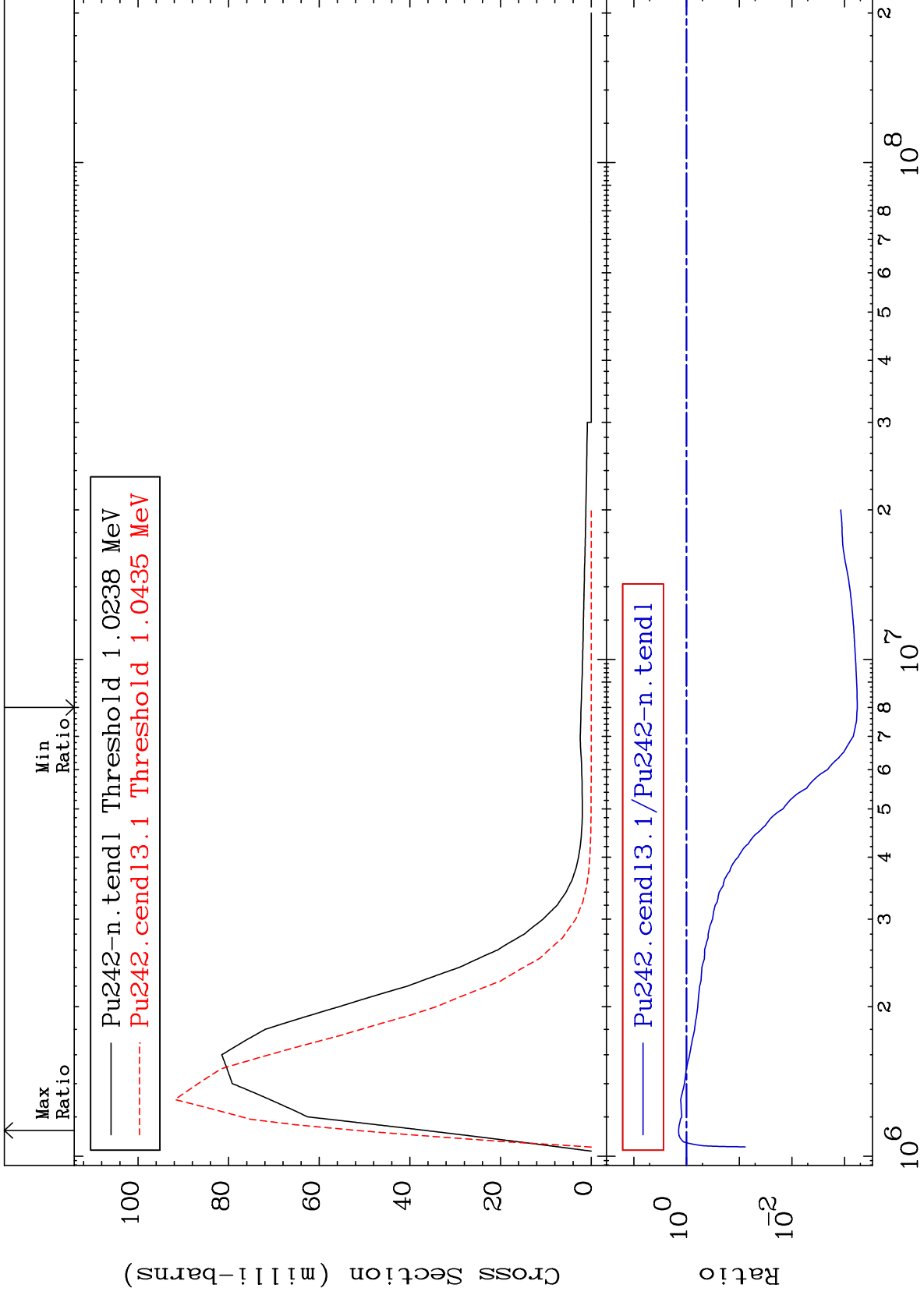
Incident Energy (eV)

94-Pu-242

MAT 9446

1.019 MeV (n,n') Level
Cross Section

94-Pu-242
-99.94 To 41.50 %



18

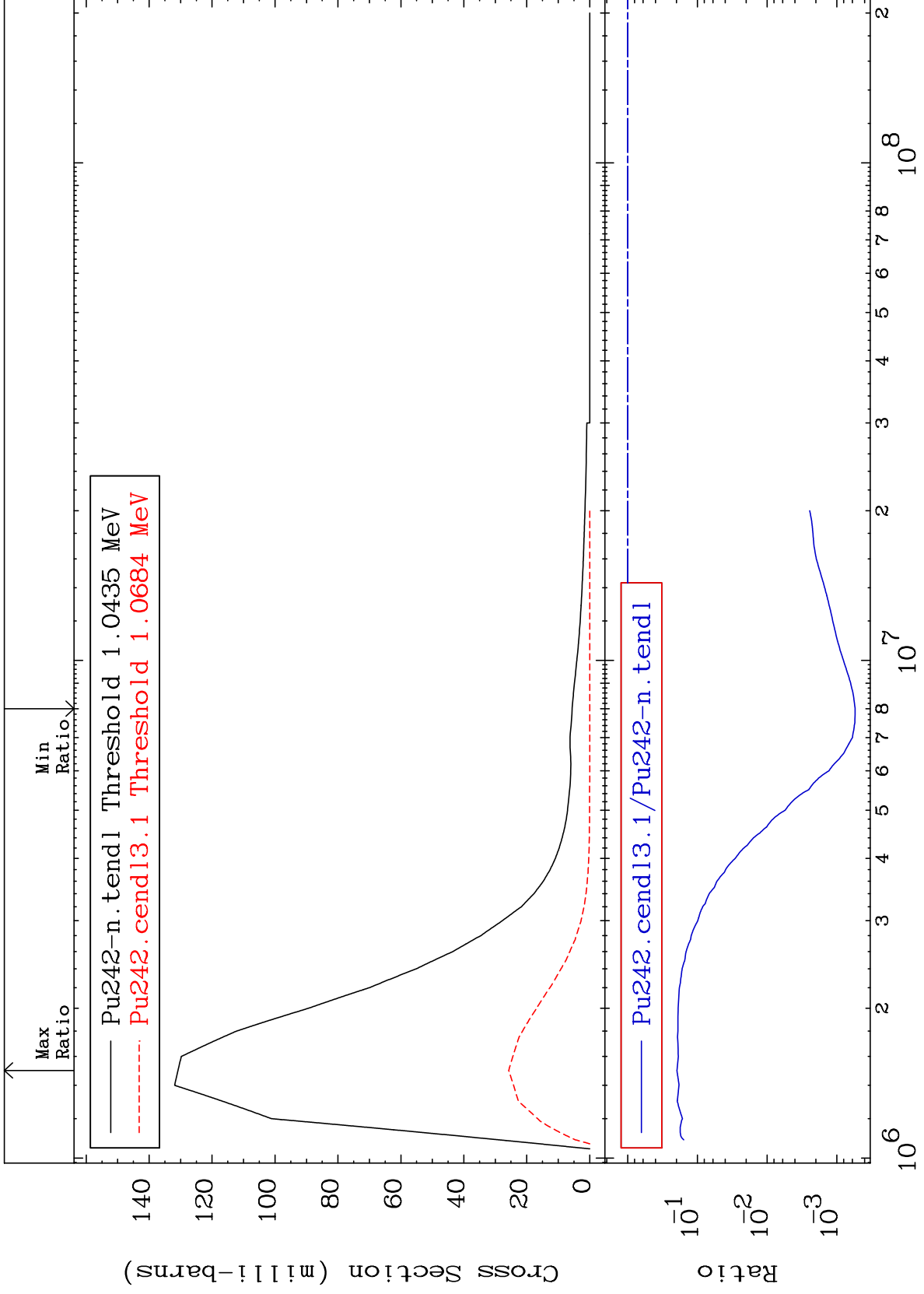
94-Pu-242

94-Pu-242

MAT 9446

1.039 MeV (n,n') Level
Cross Section

94-Pu-242
-99.95 To -80.32%



19

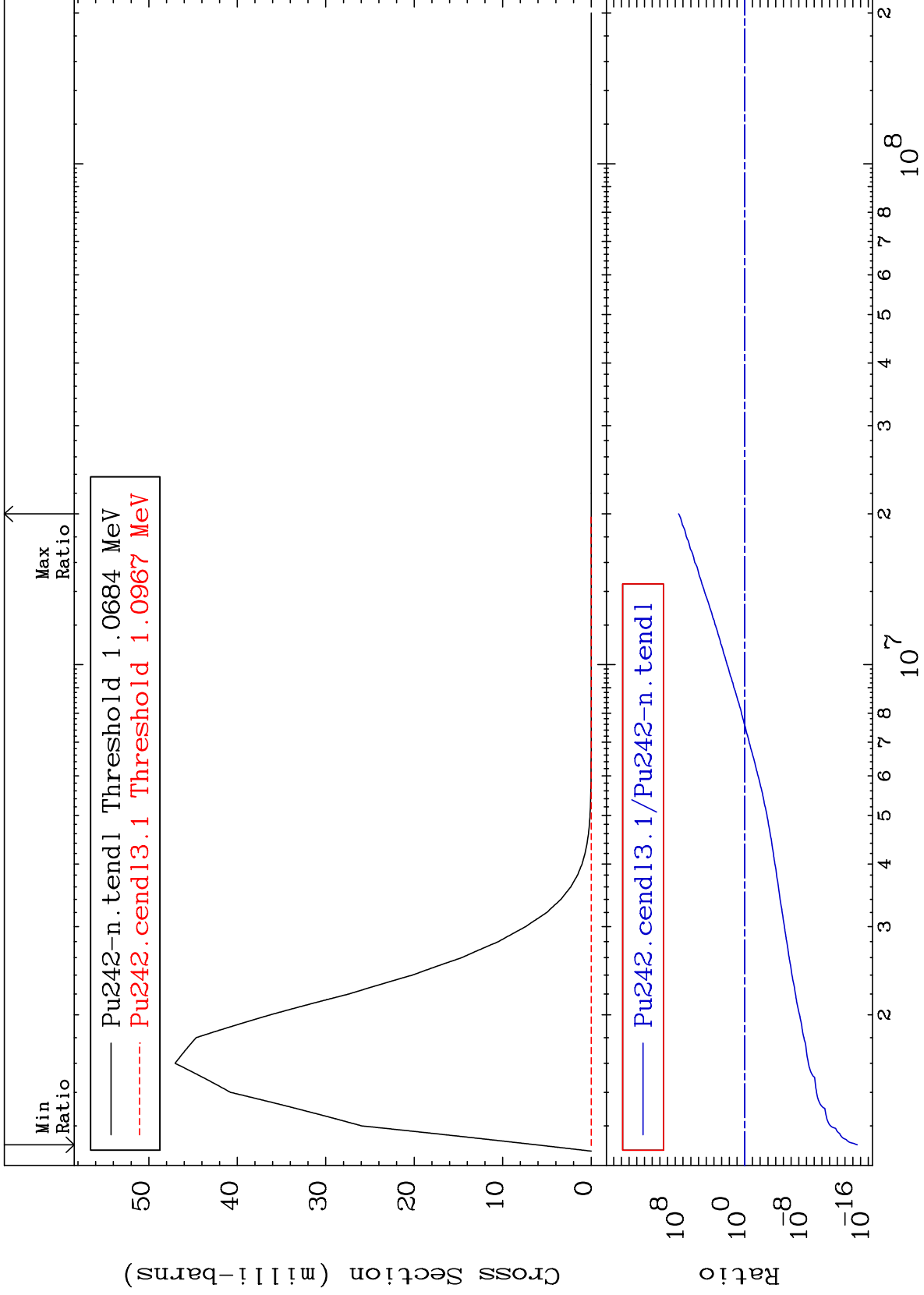
Incident Energy (eV)

94-Pu-242

MAT 9446

1.064 MeV (n,n') Level
Cross Section

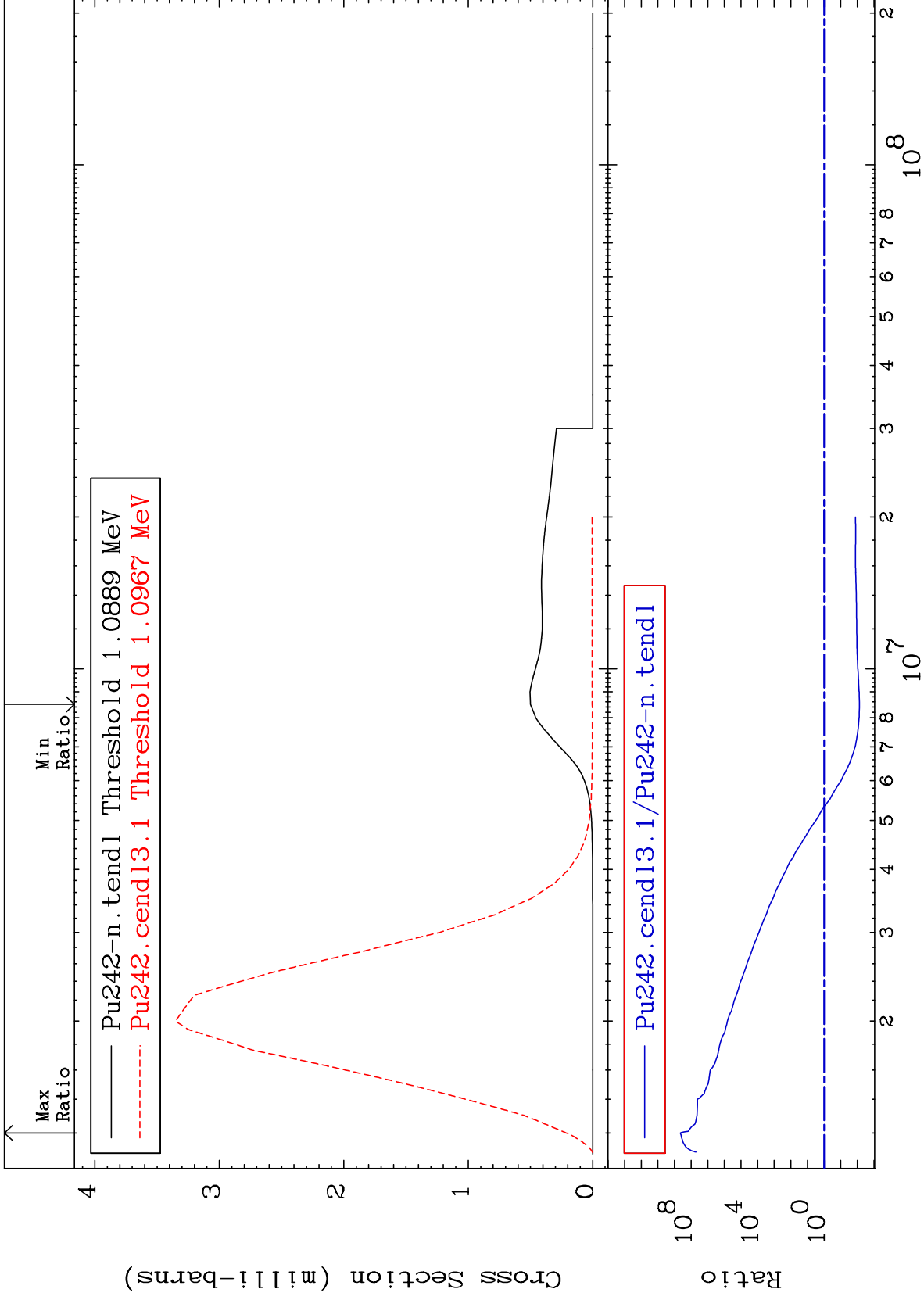
94-Pu-242
-100.0 To 9999. %



MAT 9446

1.084 MeV (n,n') Level
Cross Section

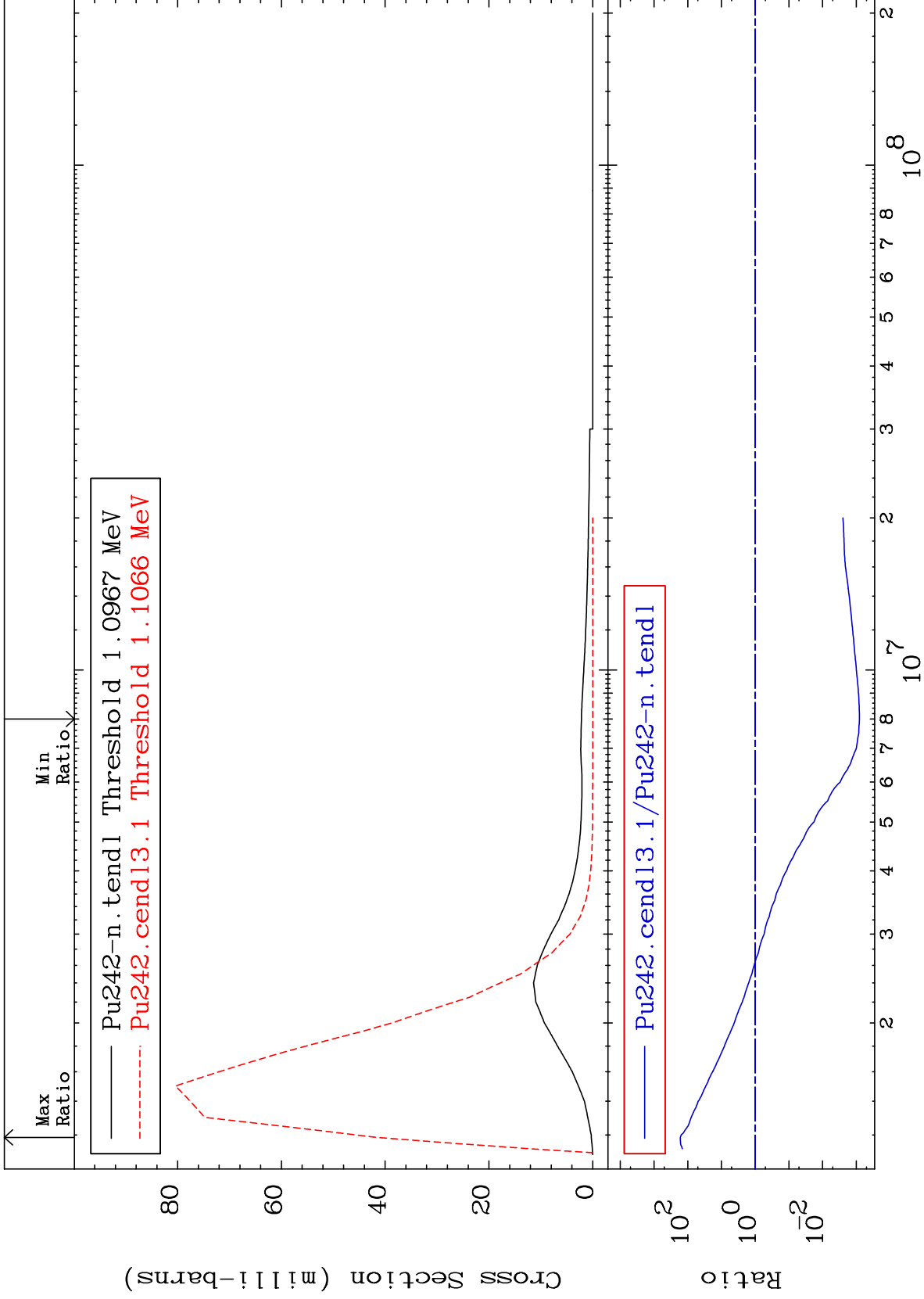
94-Pu-242
-99.25 To 9999. %



MAT 9446

1.092 MeV (n,n') Level
Cross Section

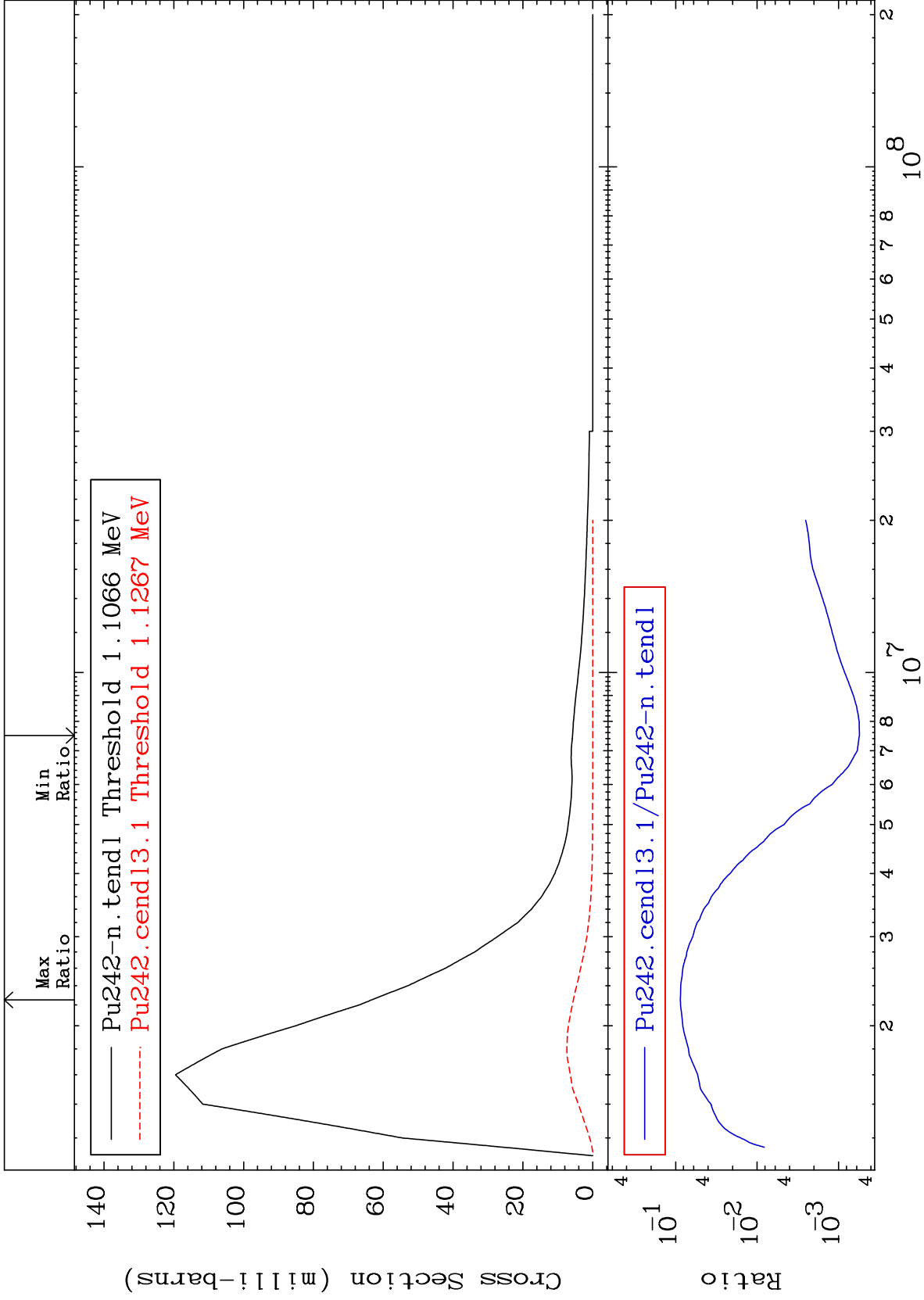
94-Pu-242
-99.92 To 9999. %

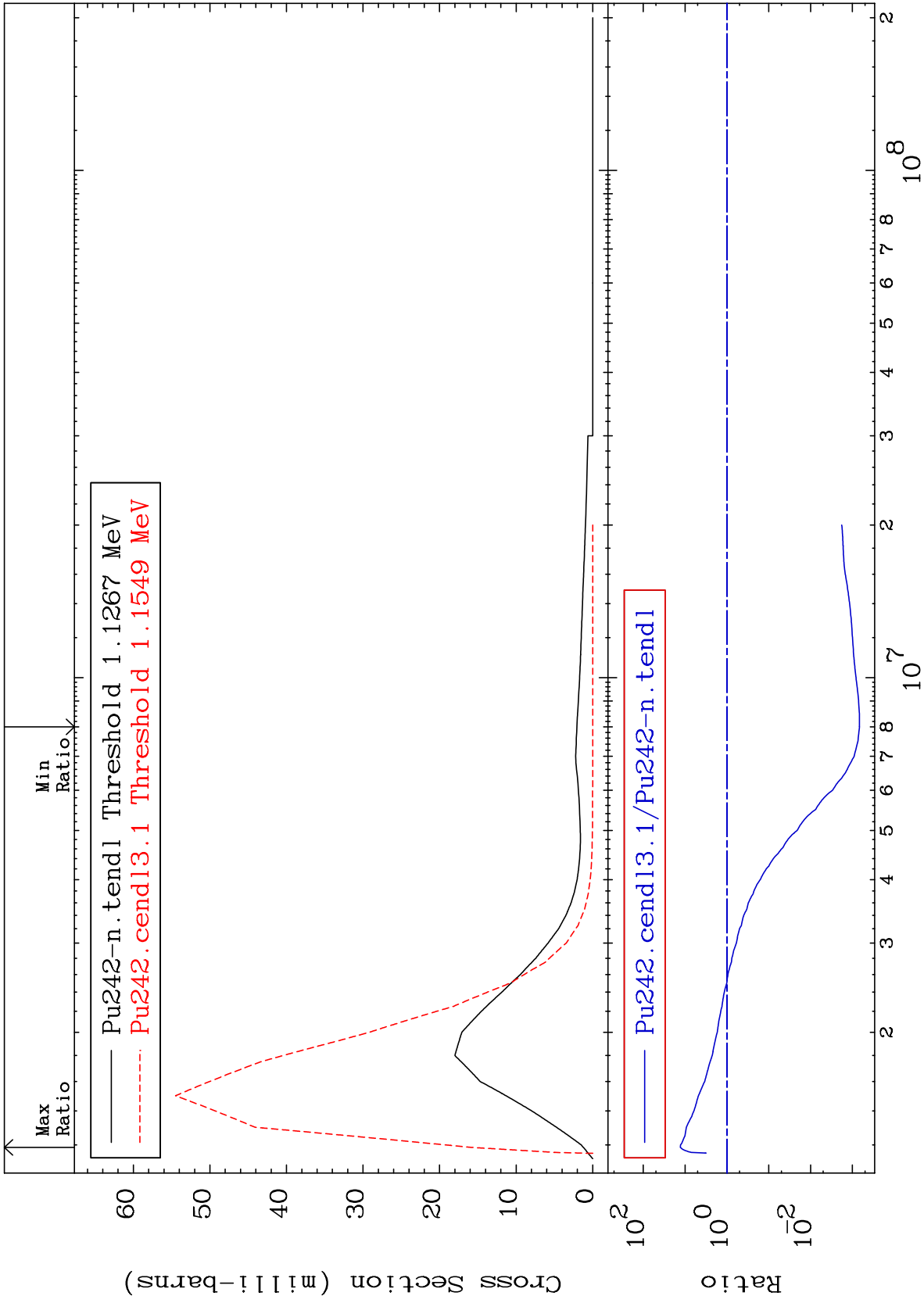


MAT 9446

1.102 MeV (n,n') Level
Cross Section

94-Pu-242
-99.94 To -91.25%

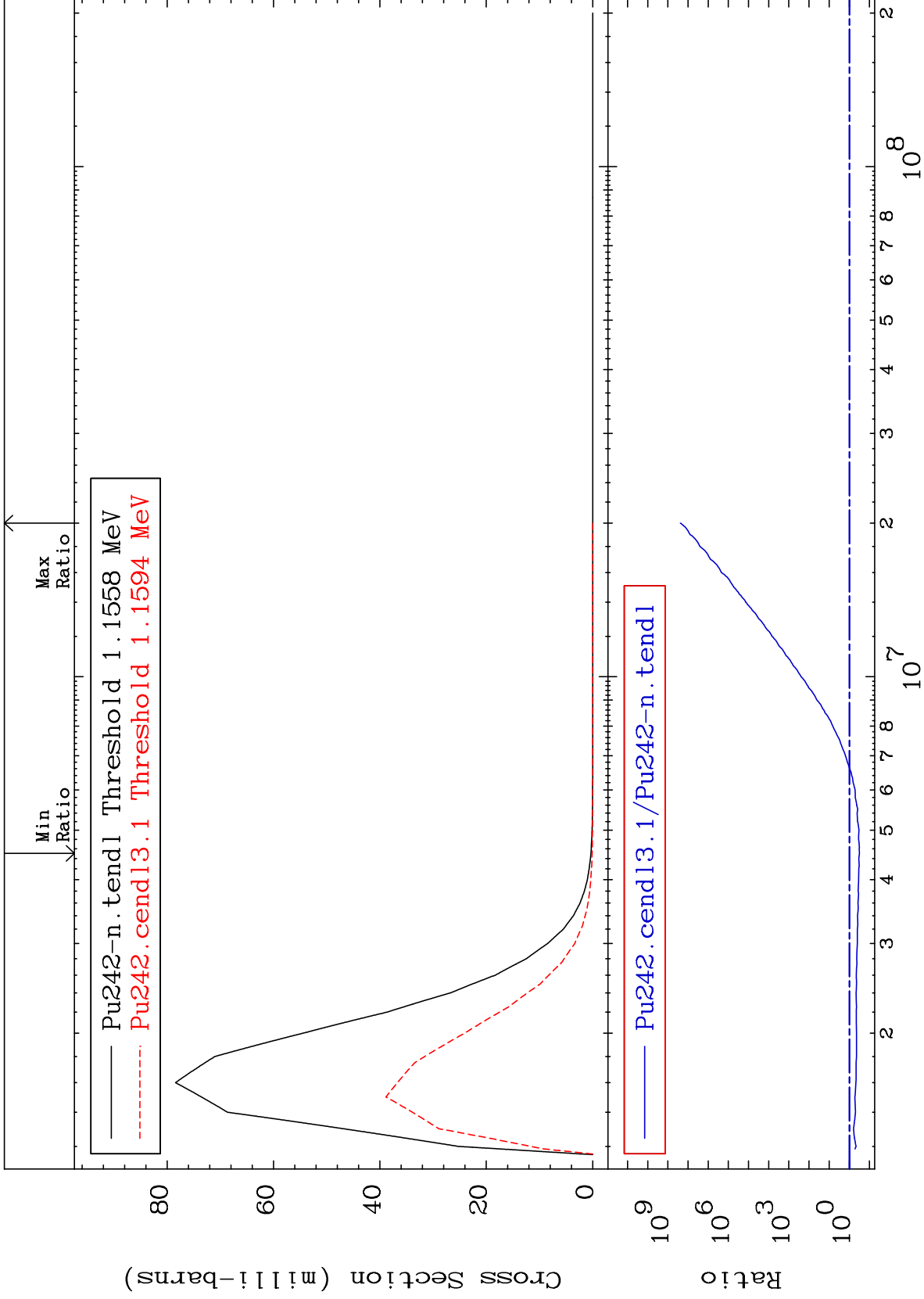




MAT 9446

1.151 MeV (n,n') Level
Cross Section

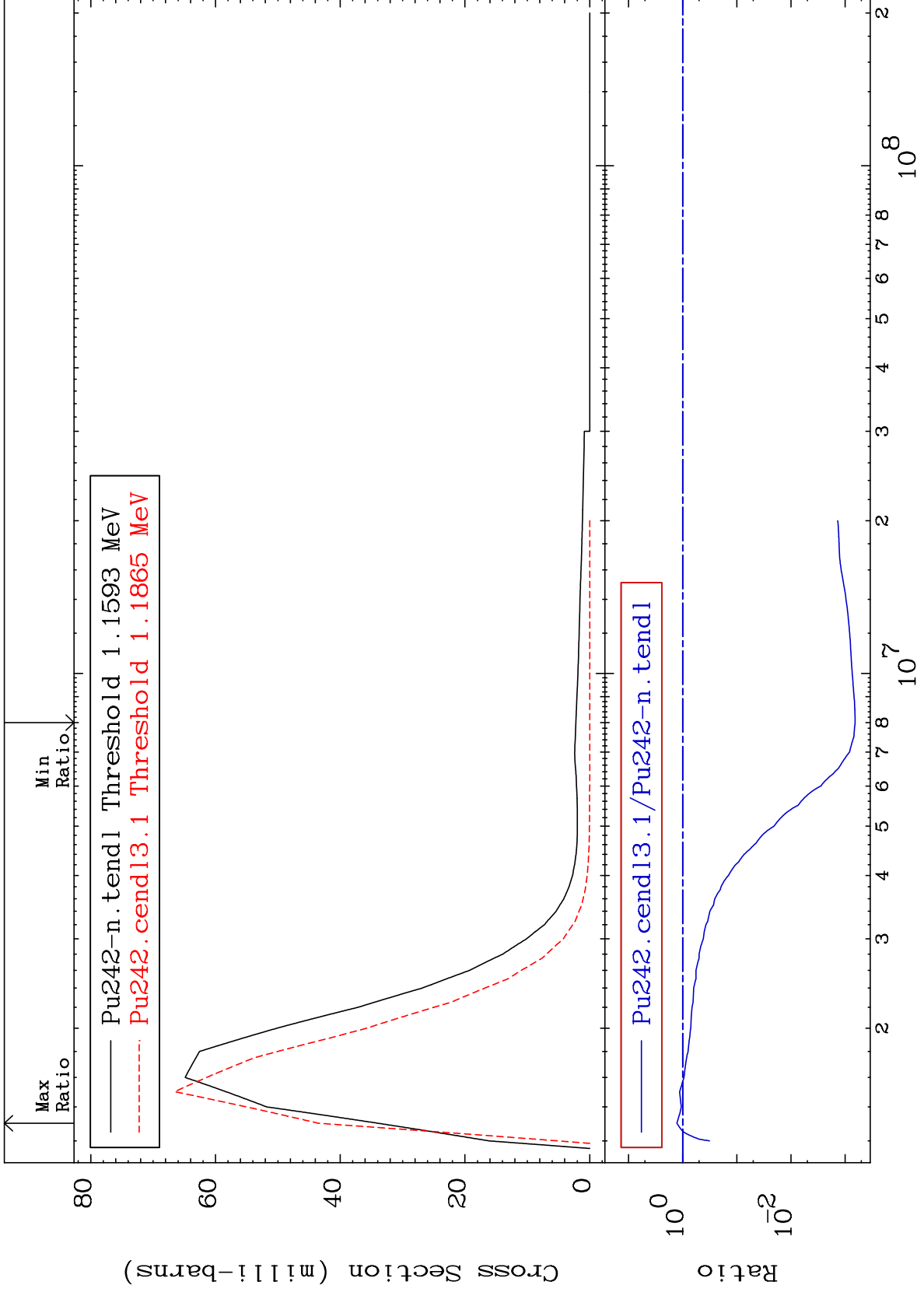
94-Pu-242
-68.45 To 9999. %

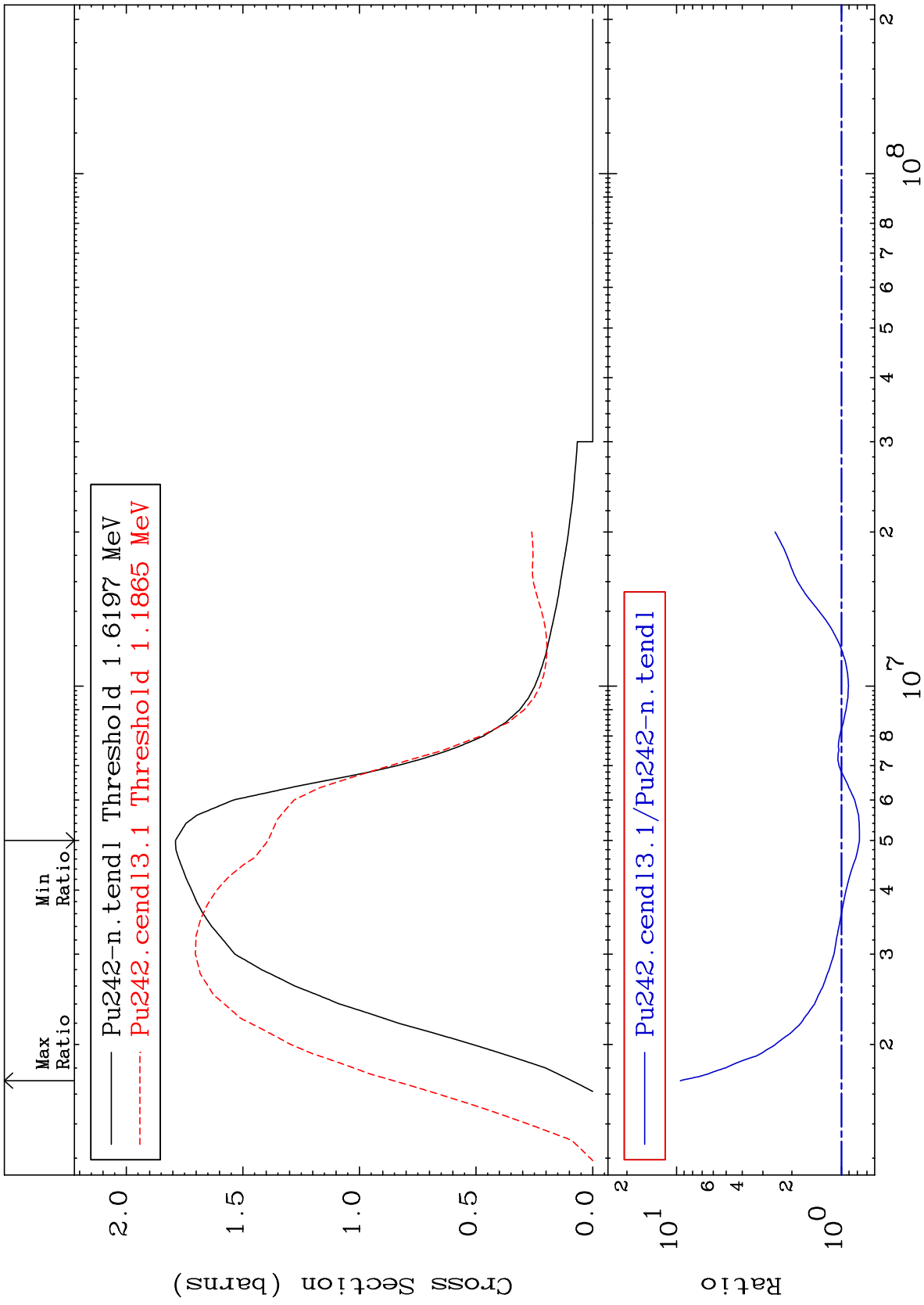


MAT 9446

1.154 MeV (n,n') Level
Cross Section

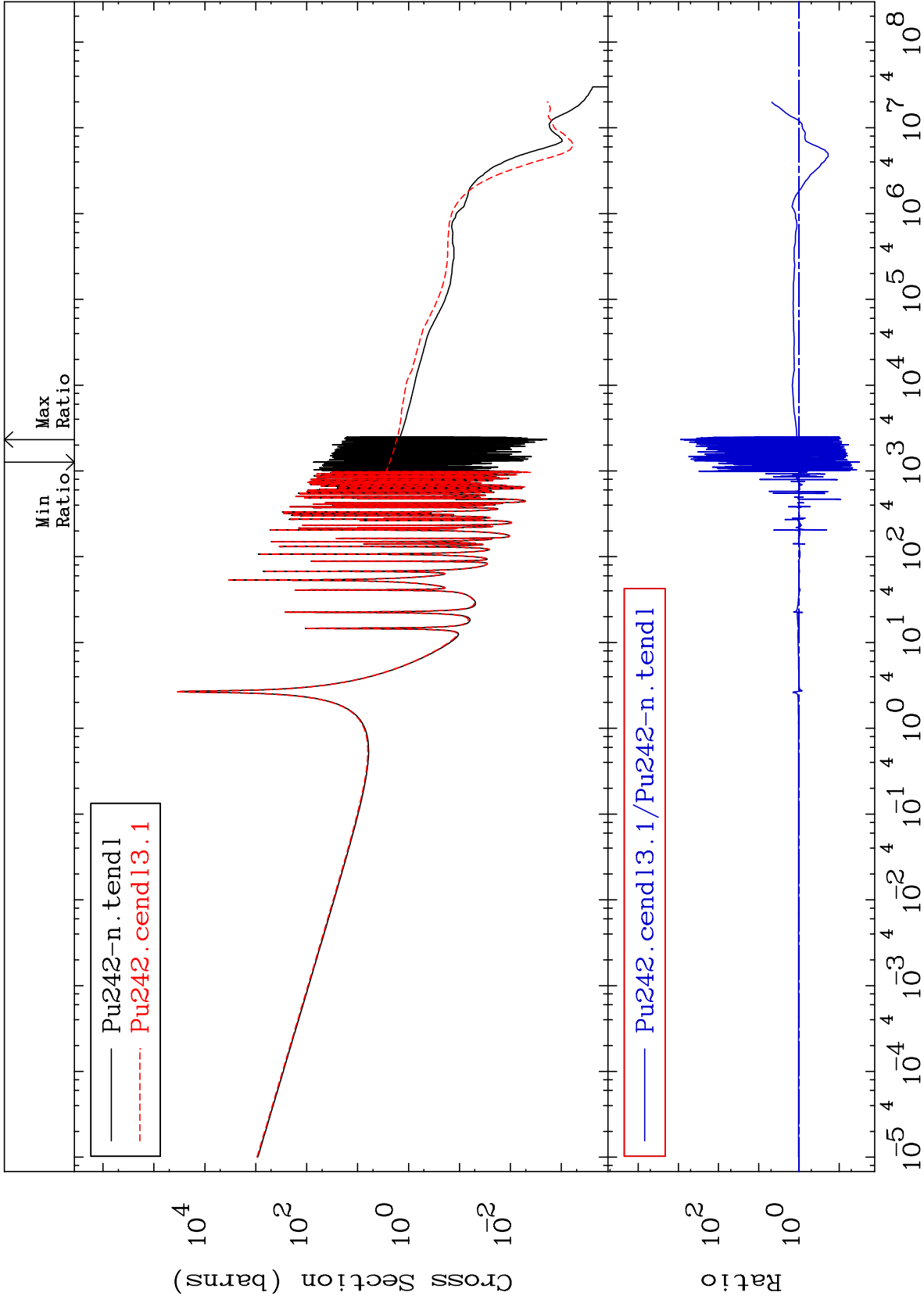
94-Pu-242
-99.93 To 28.12 %





MAT 9446

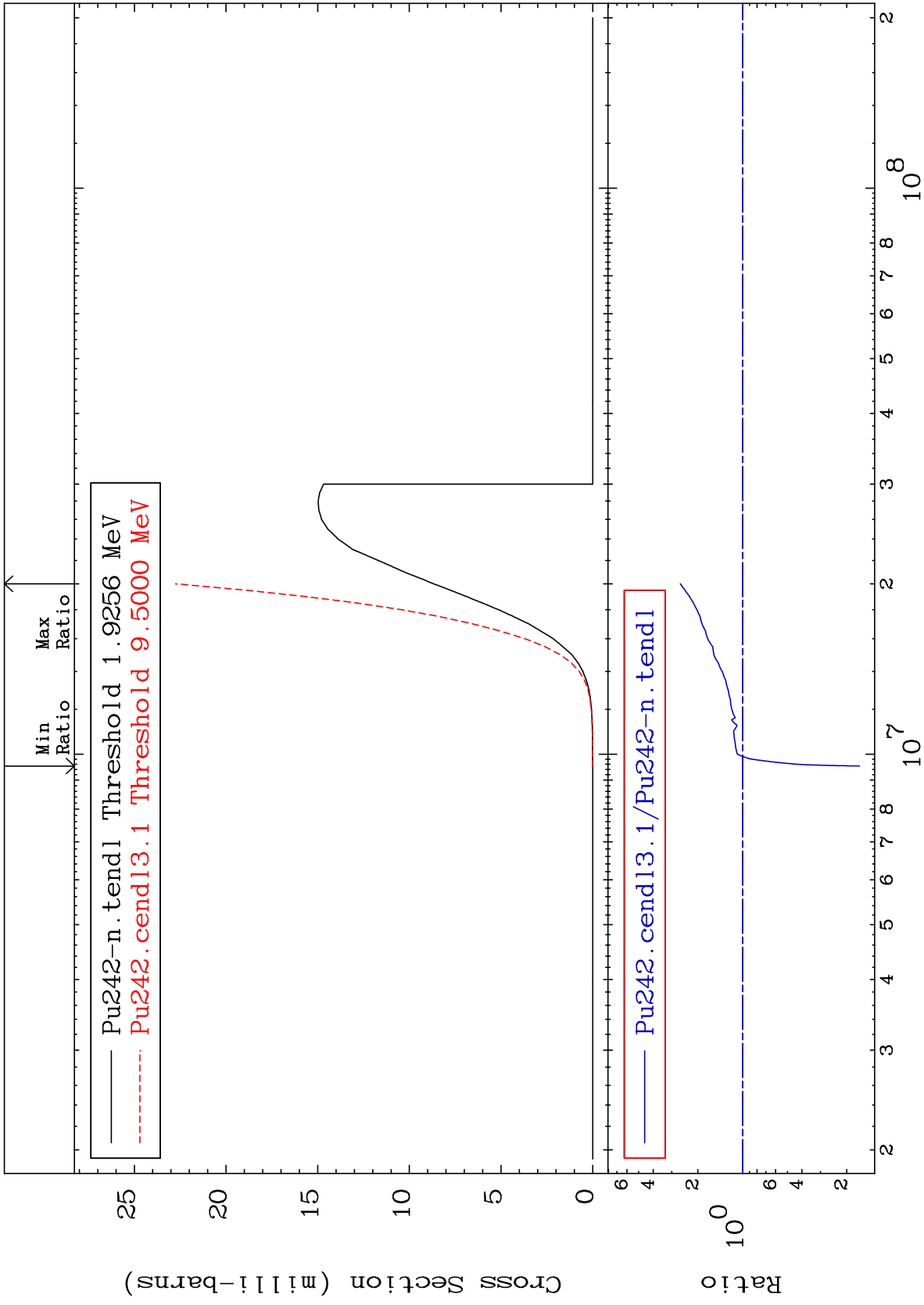
(n, γ)
Cross Section
94-Pu-242
-96.84 To 9999. %



MAT 9446

94-Pu-242
-83.59 To 162.4 %

(n,p)
Cross Section



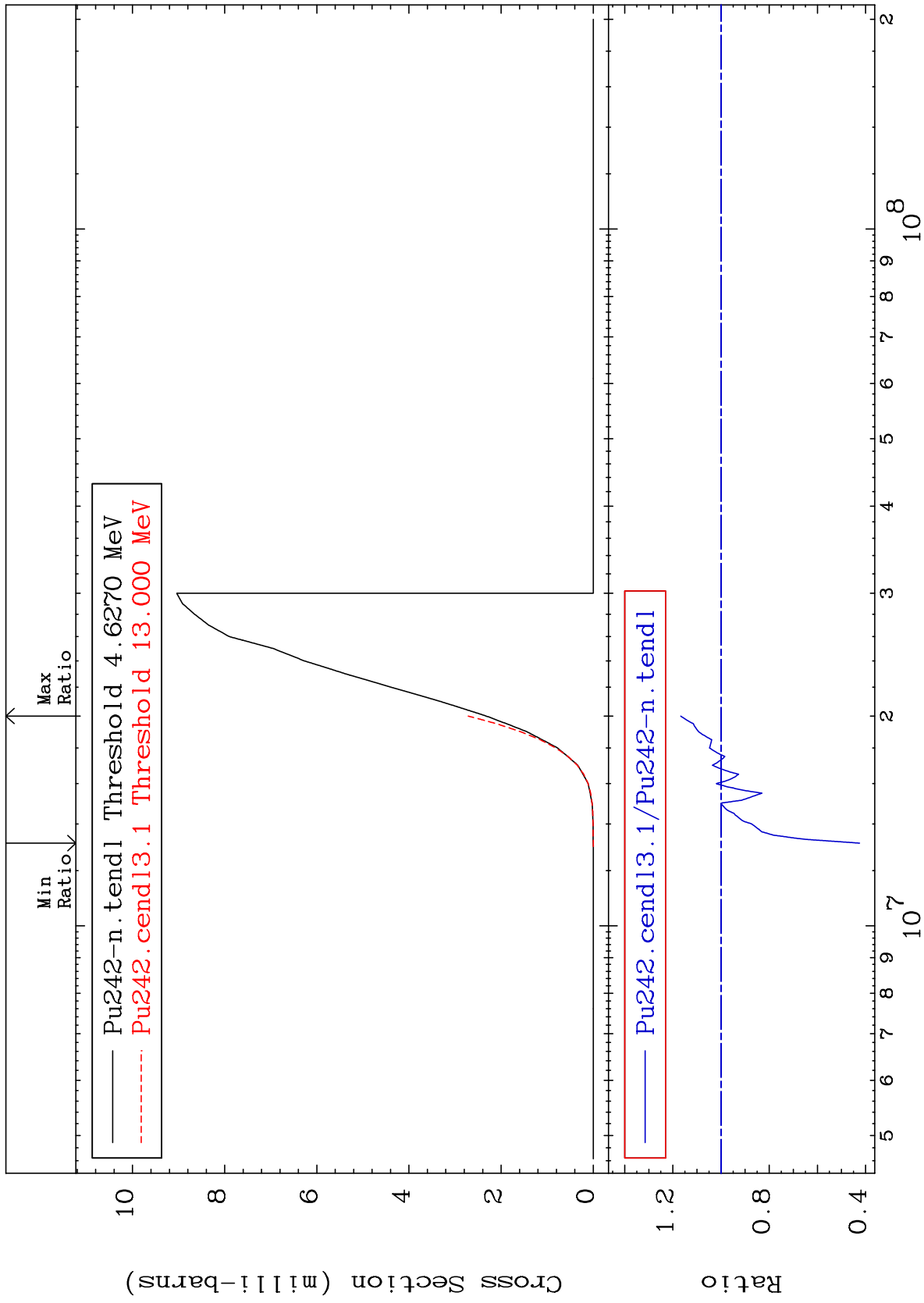
MAT 9446

(n, d)

94-Pu-242

Cross Section

-57.49 To 16.72 %

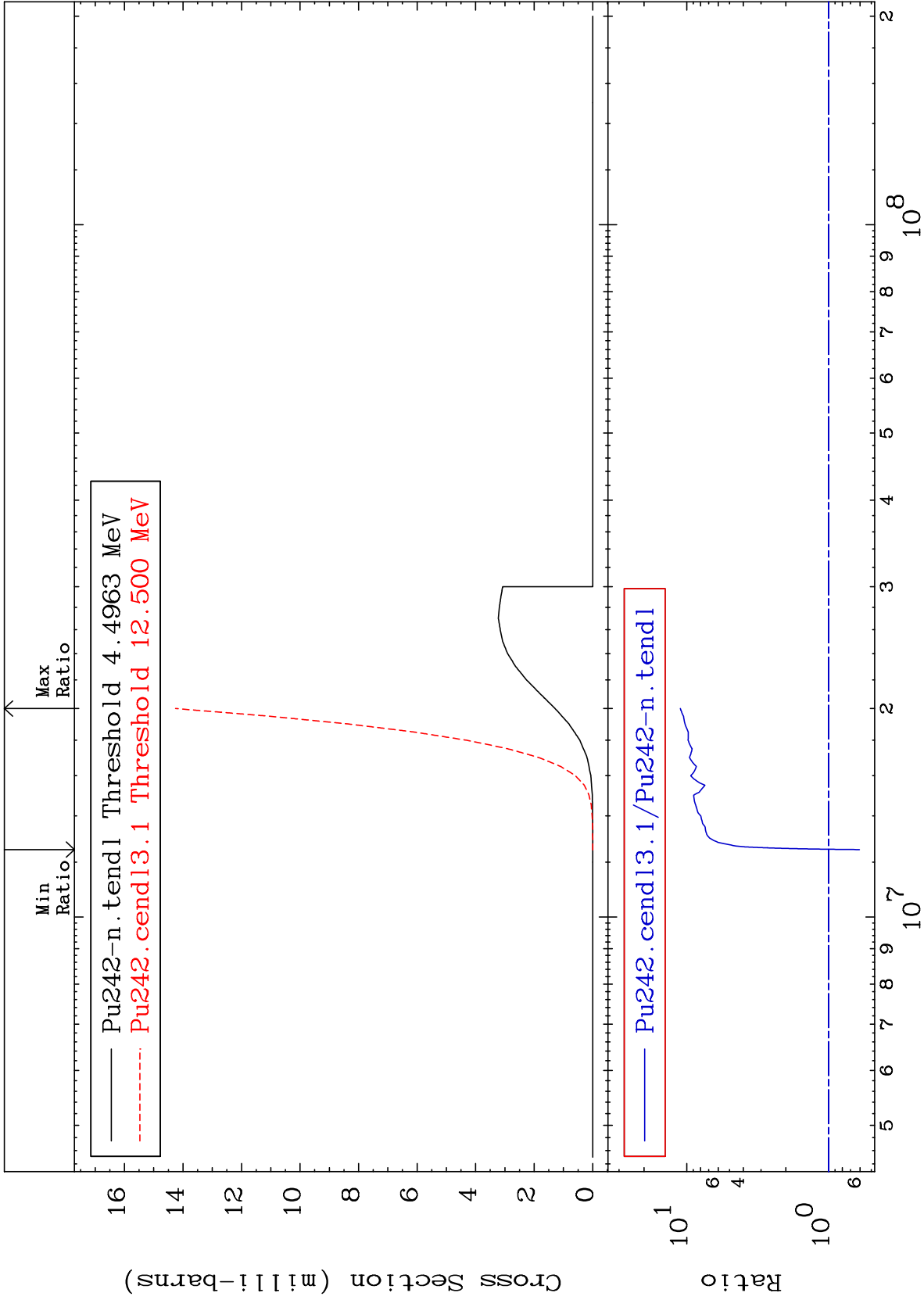


30

94-Pu-242

MAT 9446

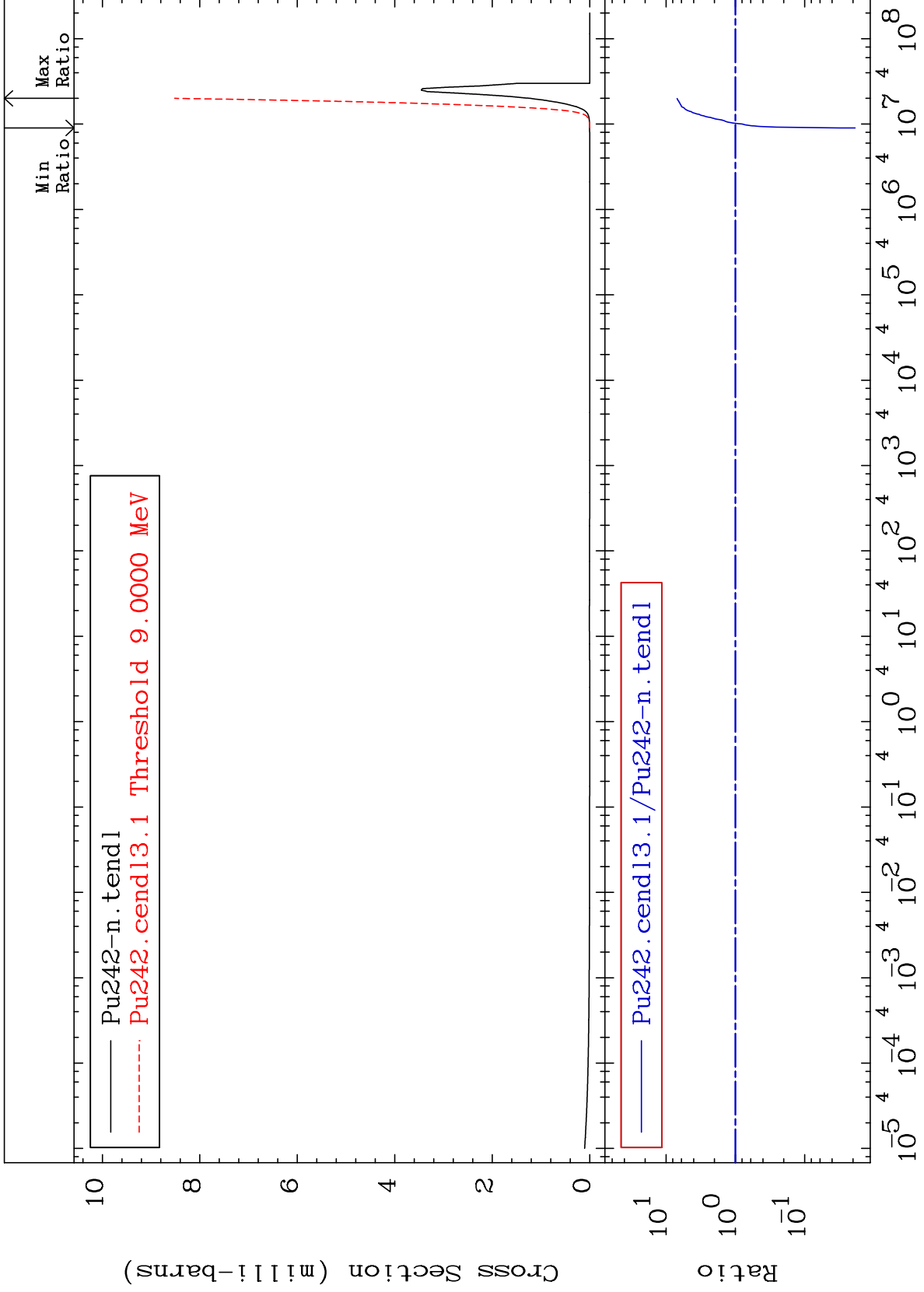
(n, t) Cross Section
94-Pu-242
-39.39 To 1009. %



MAT 9446

(n, α)
Cross Section

94-Pu-242
-98.13 To 596.2 %



32

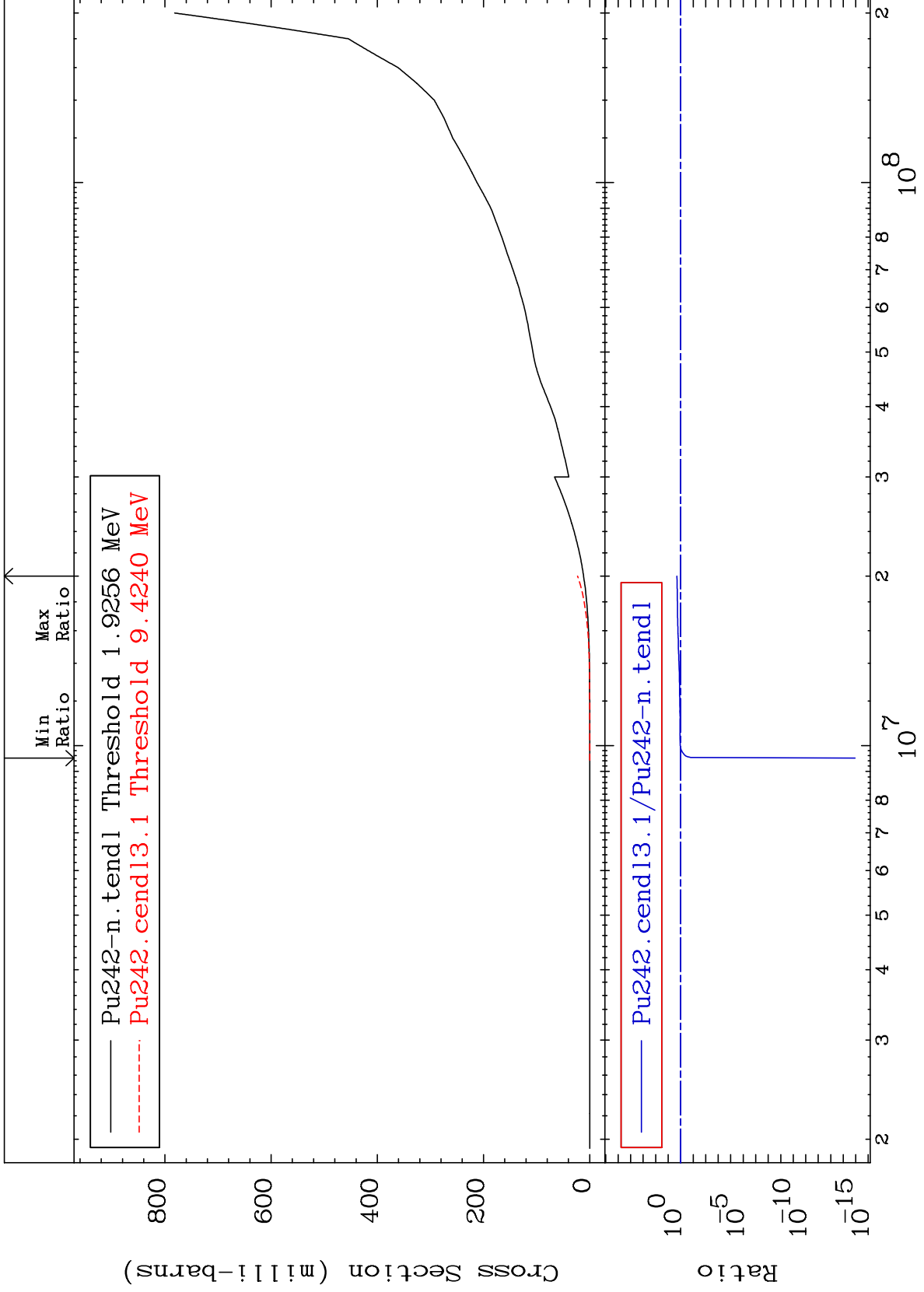
Incident Energy (eV)

94-Pu-242

MAT 9446

Hydrogen Production
Cross Section

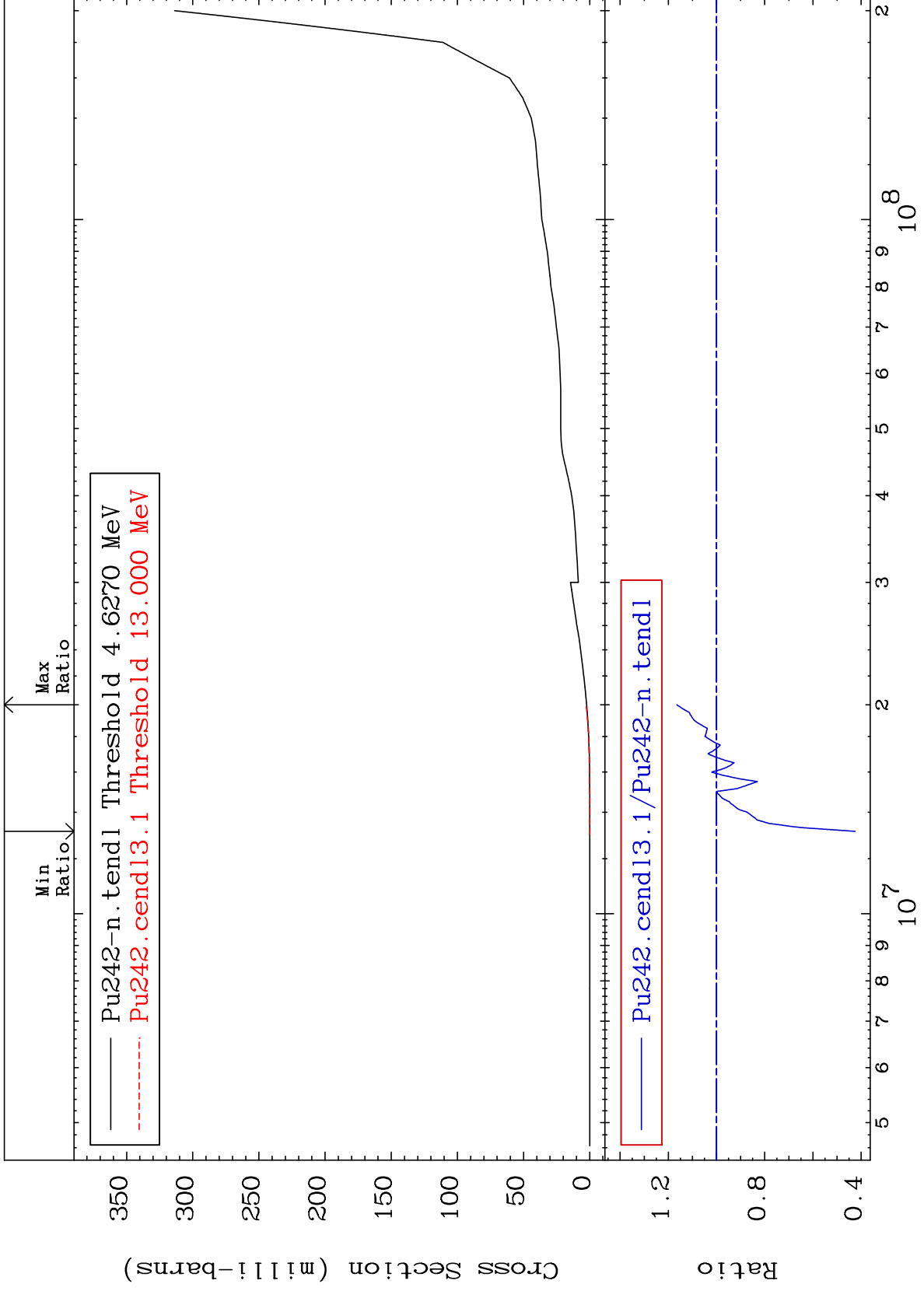
94-Pu-242
-100.0 To 99.33 %



MAT 9446

Deuterium Production
Cross Section

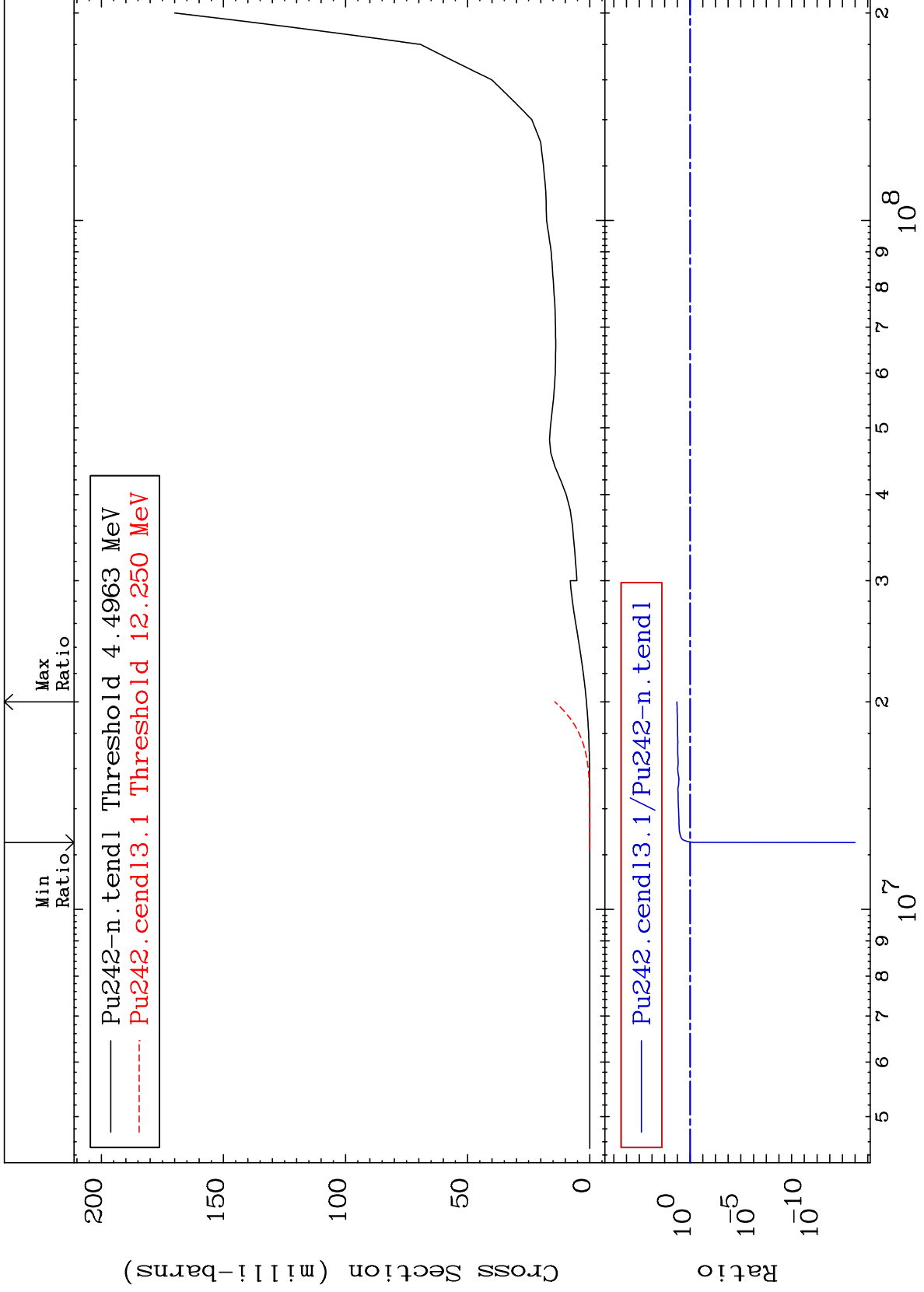
94-Pu-242
-57.49 To 16.44 %

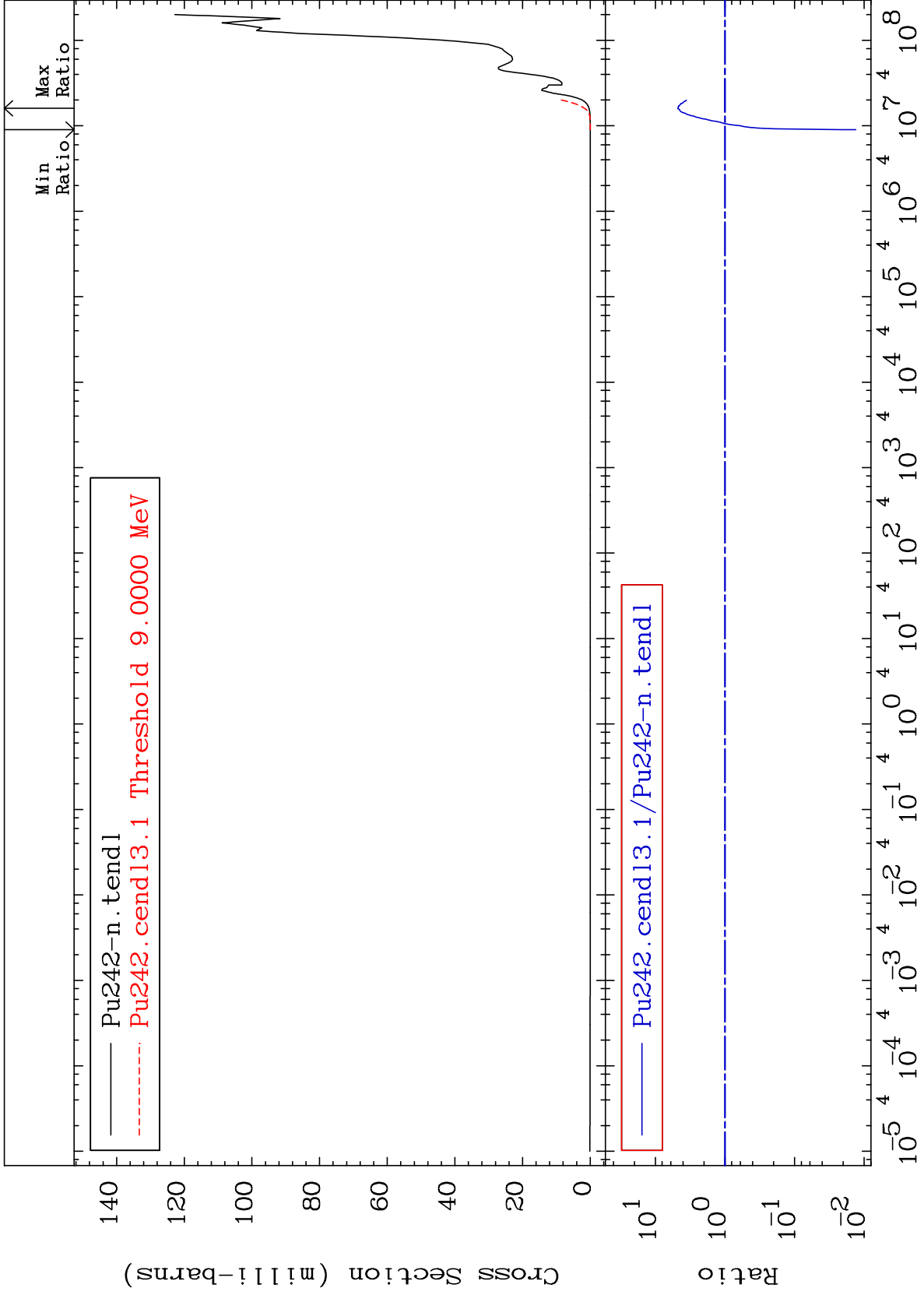


MAT 9446

Tritium Production
Cross Section

94-Pu-242
-100.0 To 981.7 %





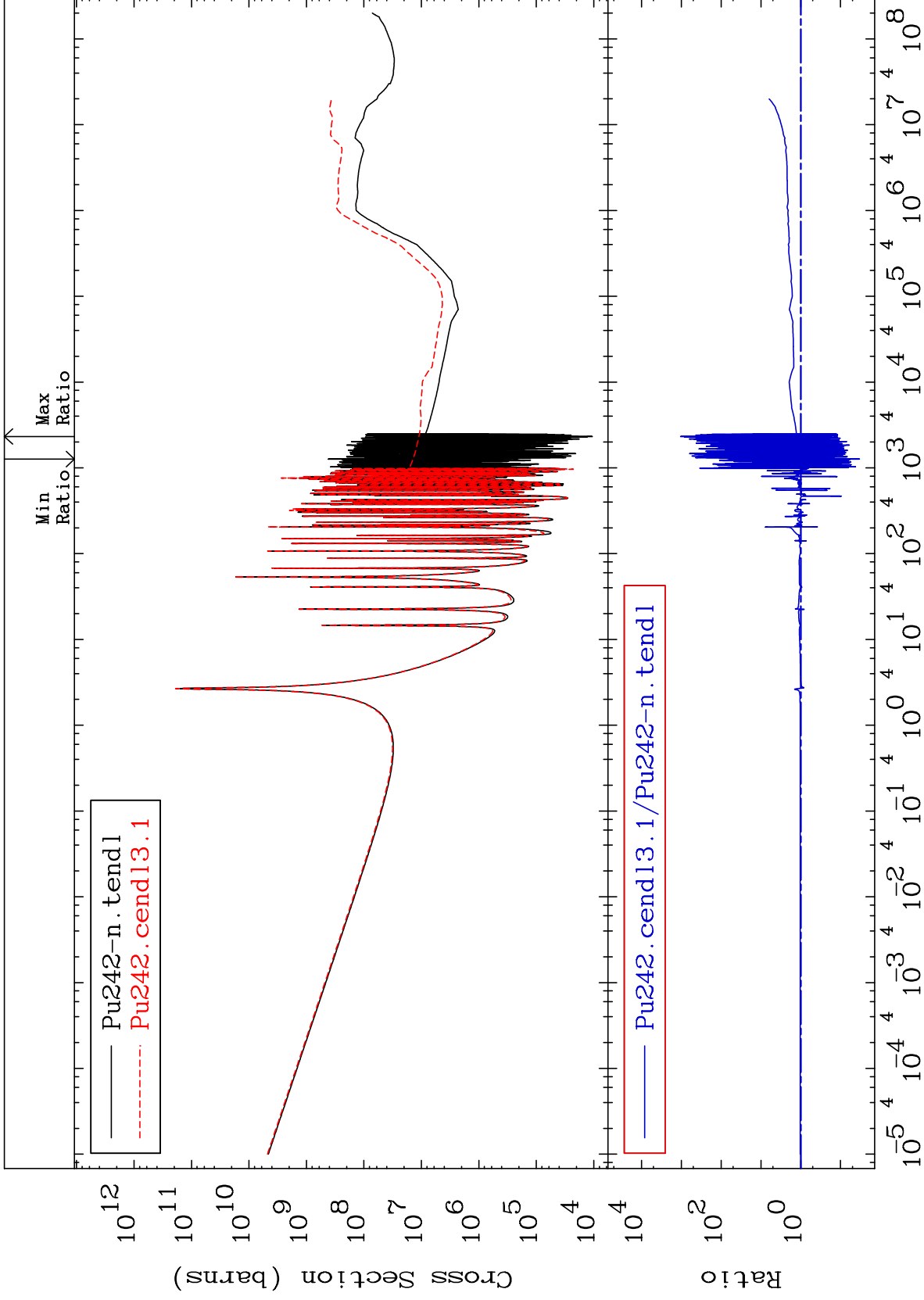
MAT 9446

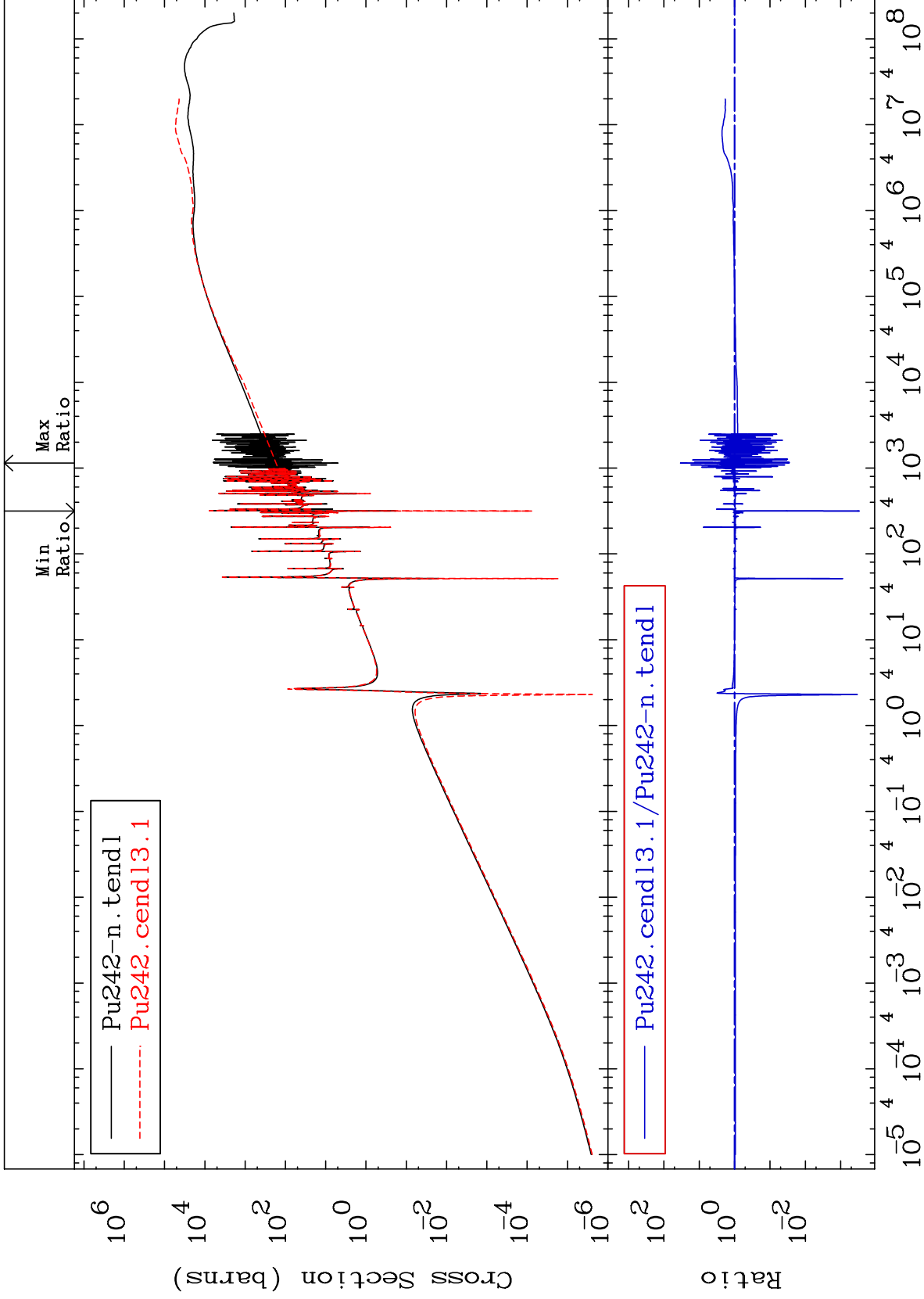
Kerma total (eV-barns)

94-Pu-242

Cross Section

-96.64 To 9999. %

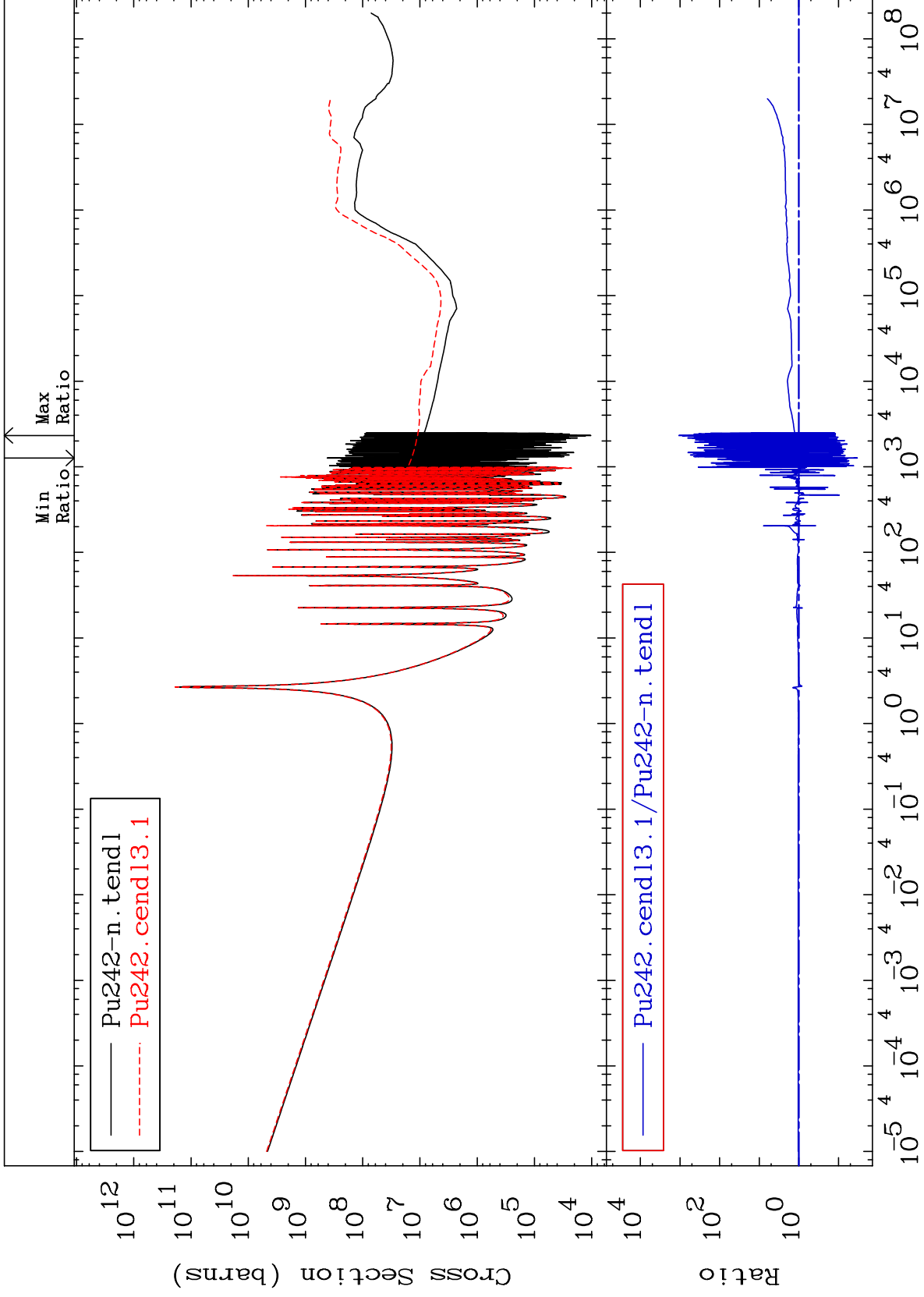




MAT 9446

Kerma non-elastic (all but mt2)
Cross Section

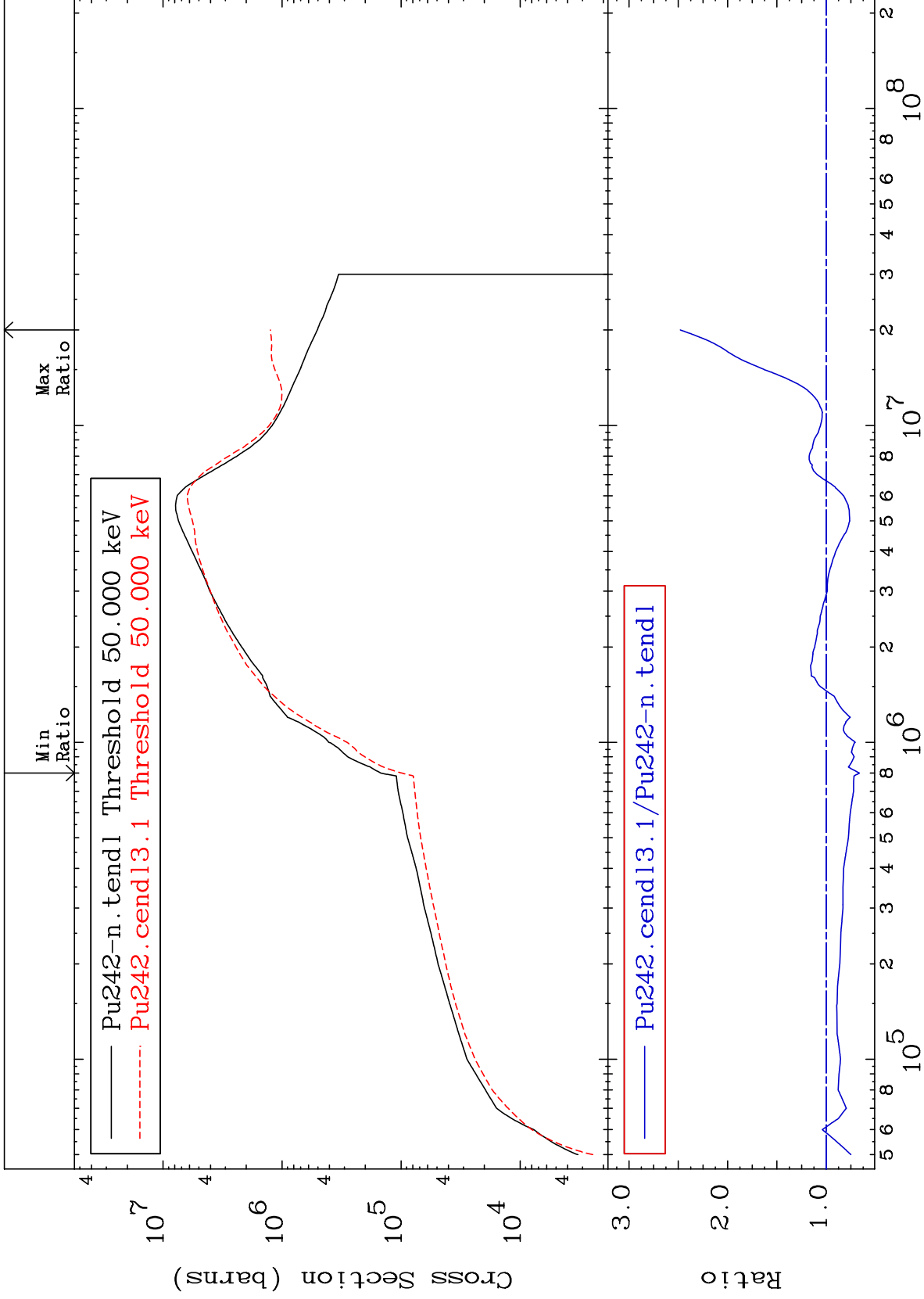
94-Pu-242
-96.64 To 9999. %



MAT 9446

Kerma inelastic (mt51-91)
Cross Section

94-Pu-242
-33.60 To 147.9 %



40

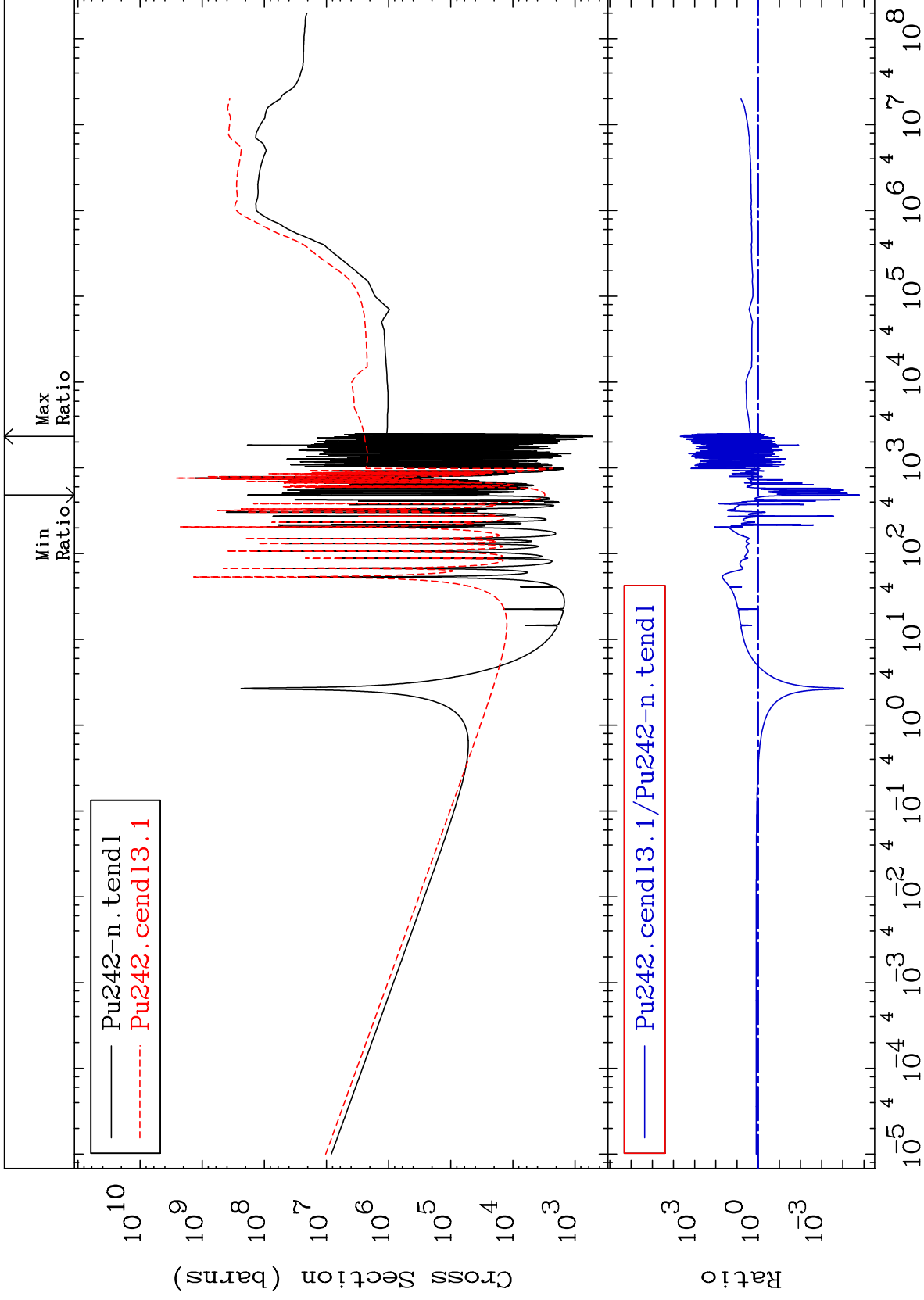
Incident Energy (eV)

94-Pu-242

MAT 9446

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

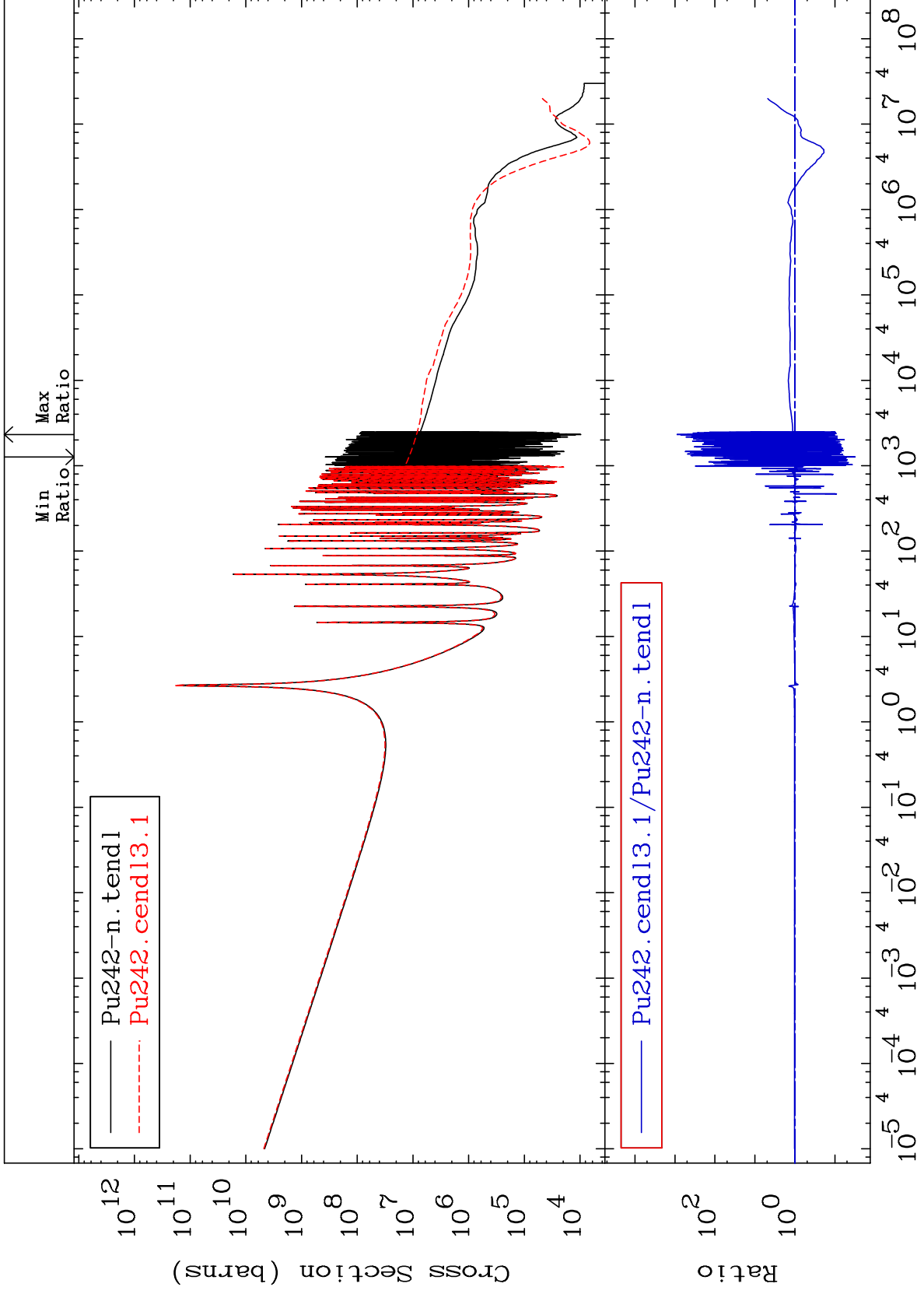
94-Pu-242
-100.0 To 9999. %



MAT 9446

Kerma capture (mt102)
Cross Section

94-Pu-242
-96.84 To 9999. %



42

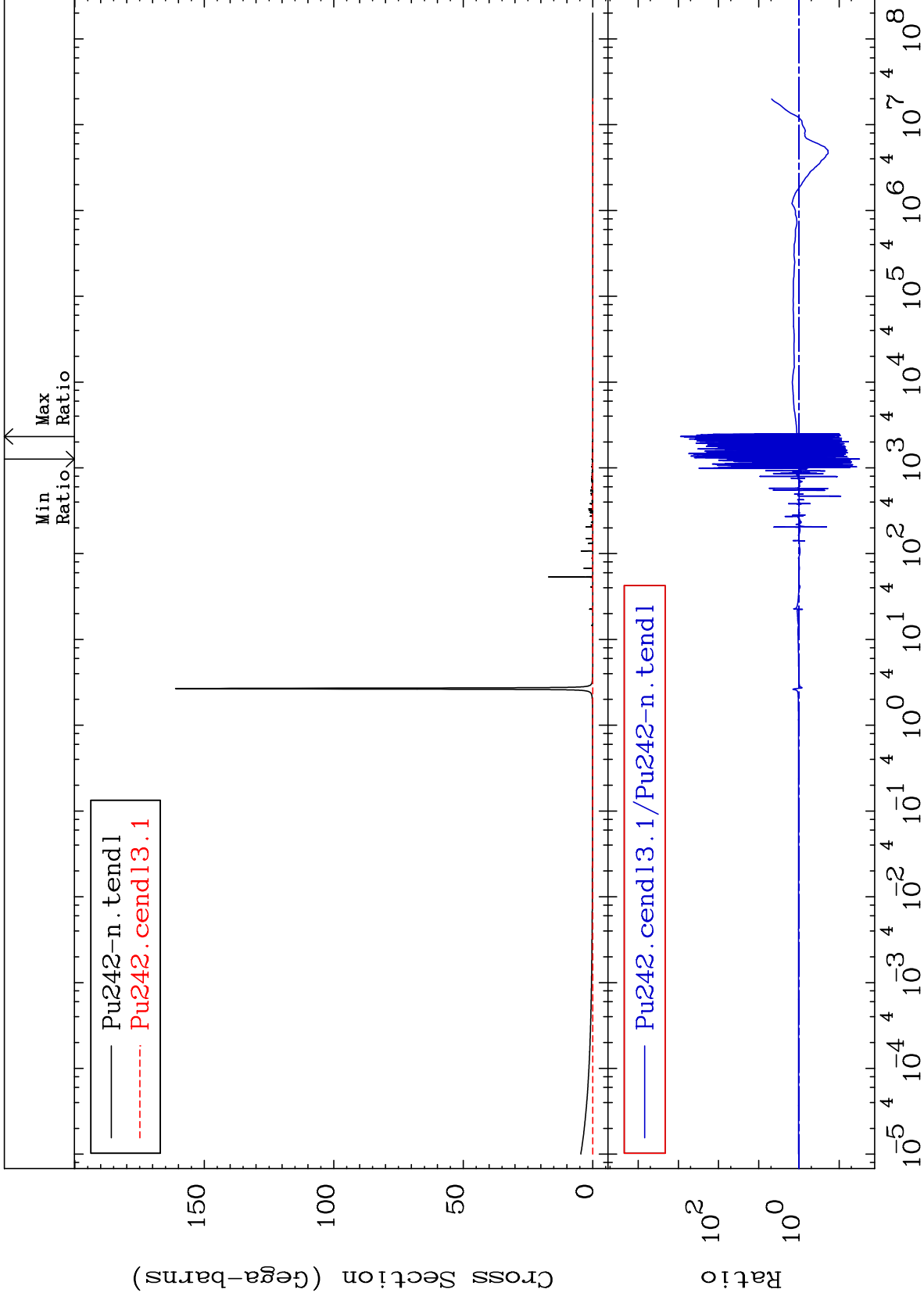
Incident Energy (eV)

94-Pu-242

MAT 9446

Total photon (eV-barns)
Cross Section

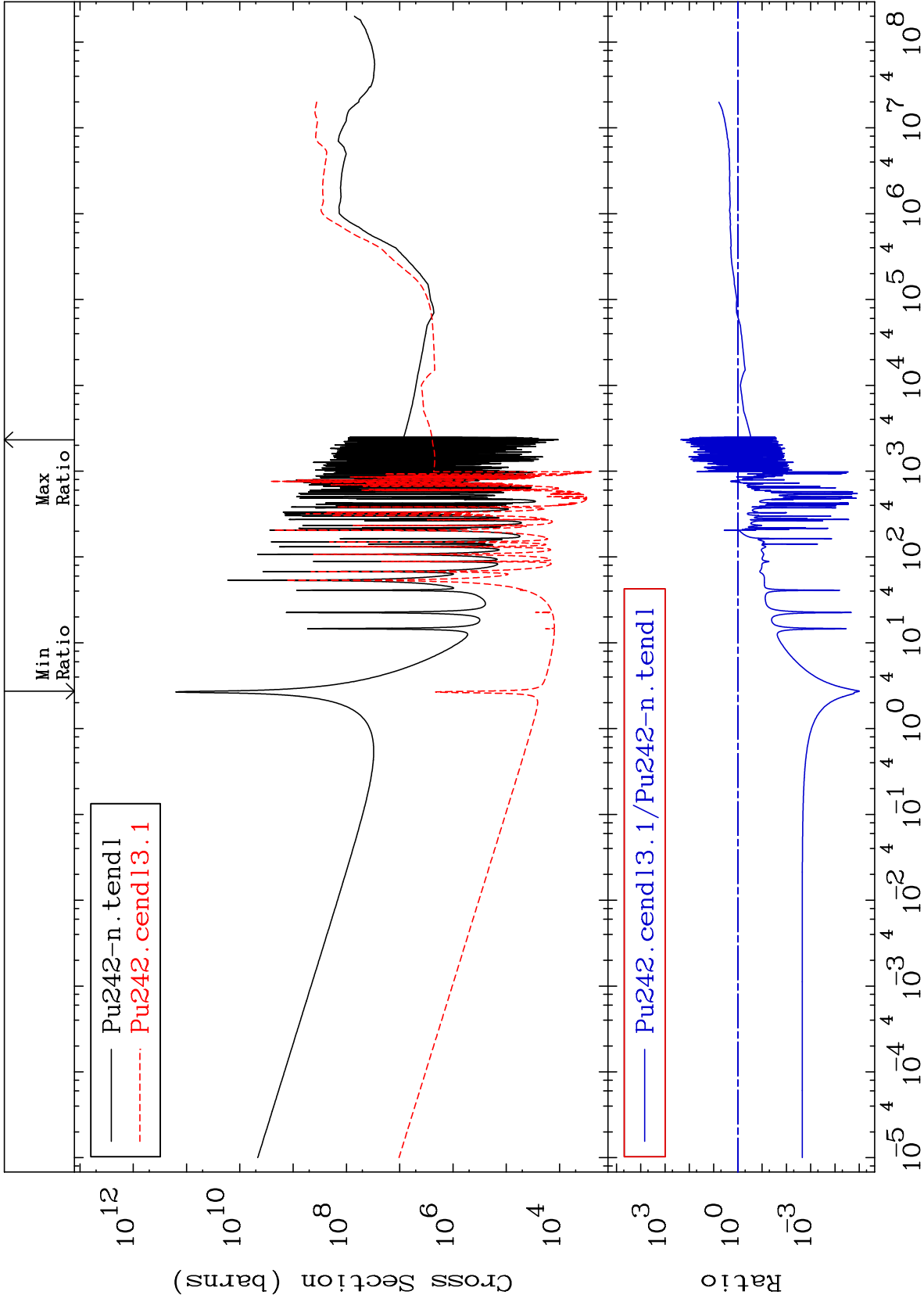
94-Pu-242
-96.84 To 9999. %

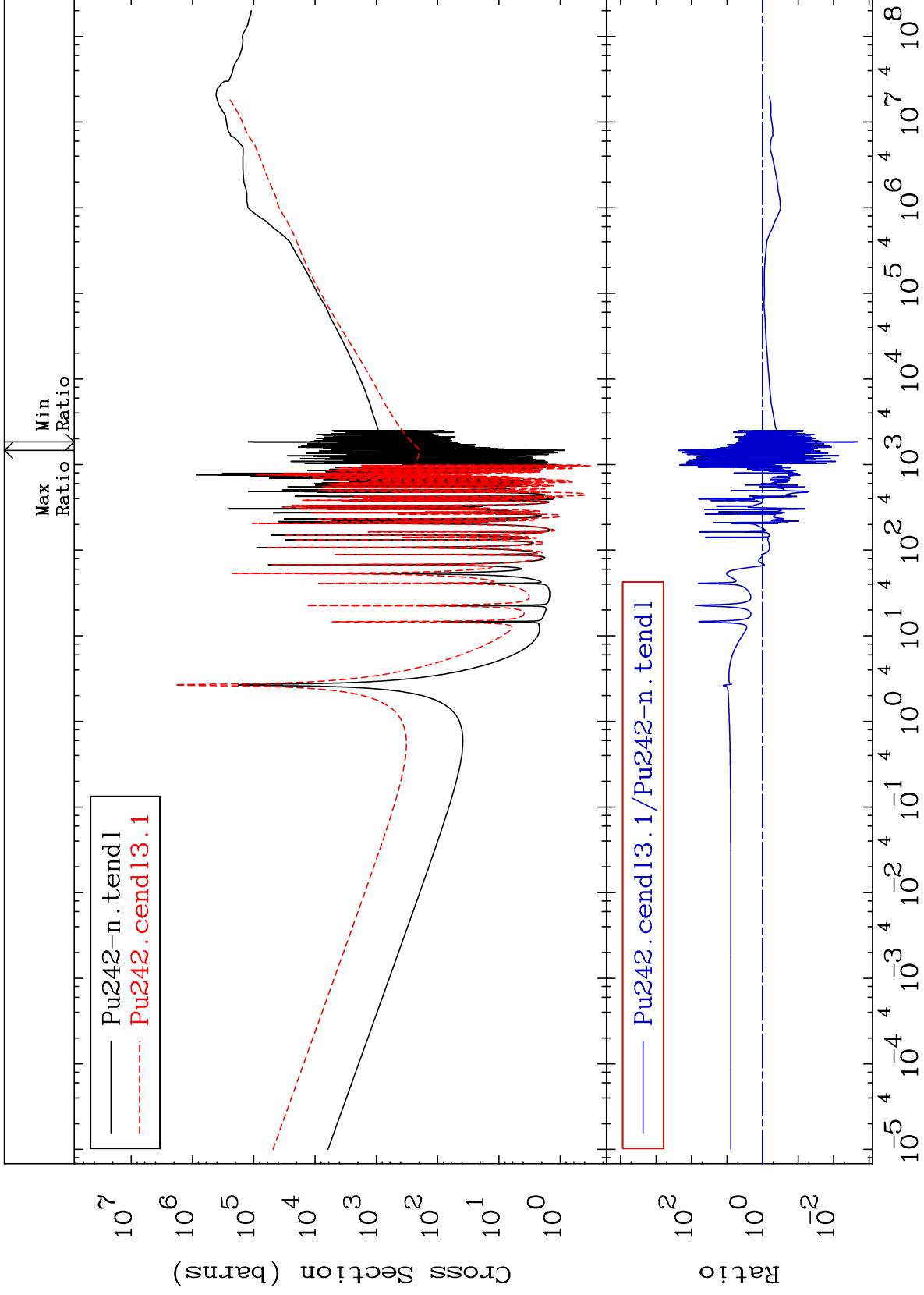


43

Incident Energy (eV)

94-Pu-242

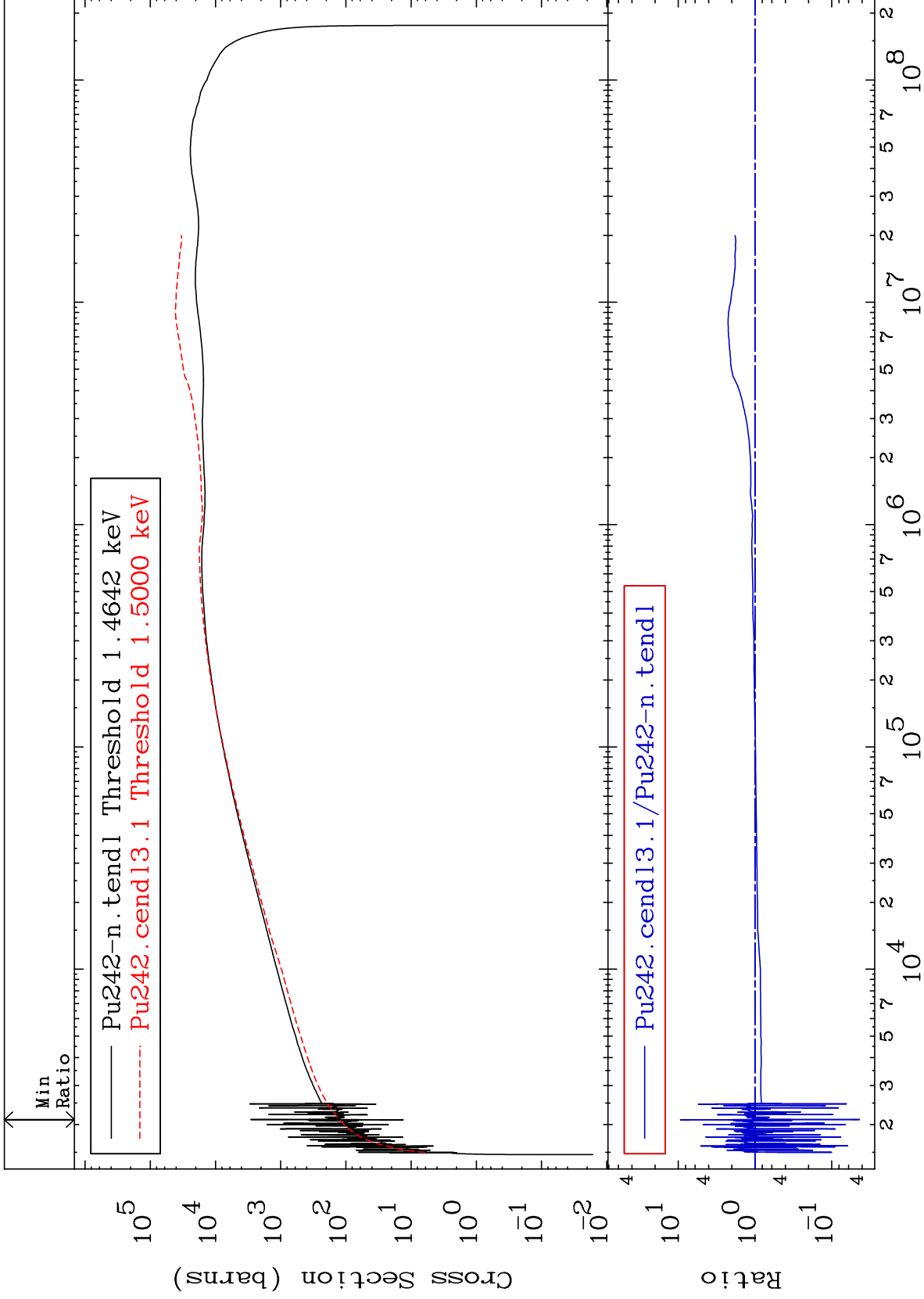




MAT 9446

Dpa elastic (mt2)
Cross Section

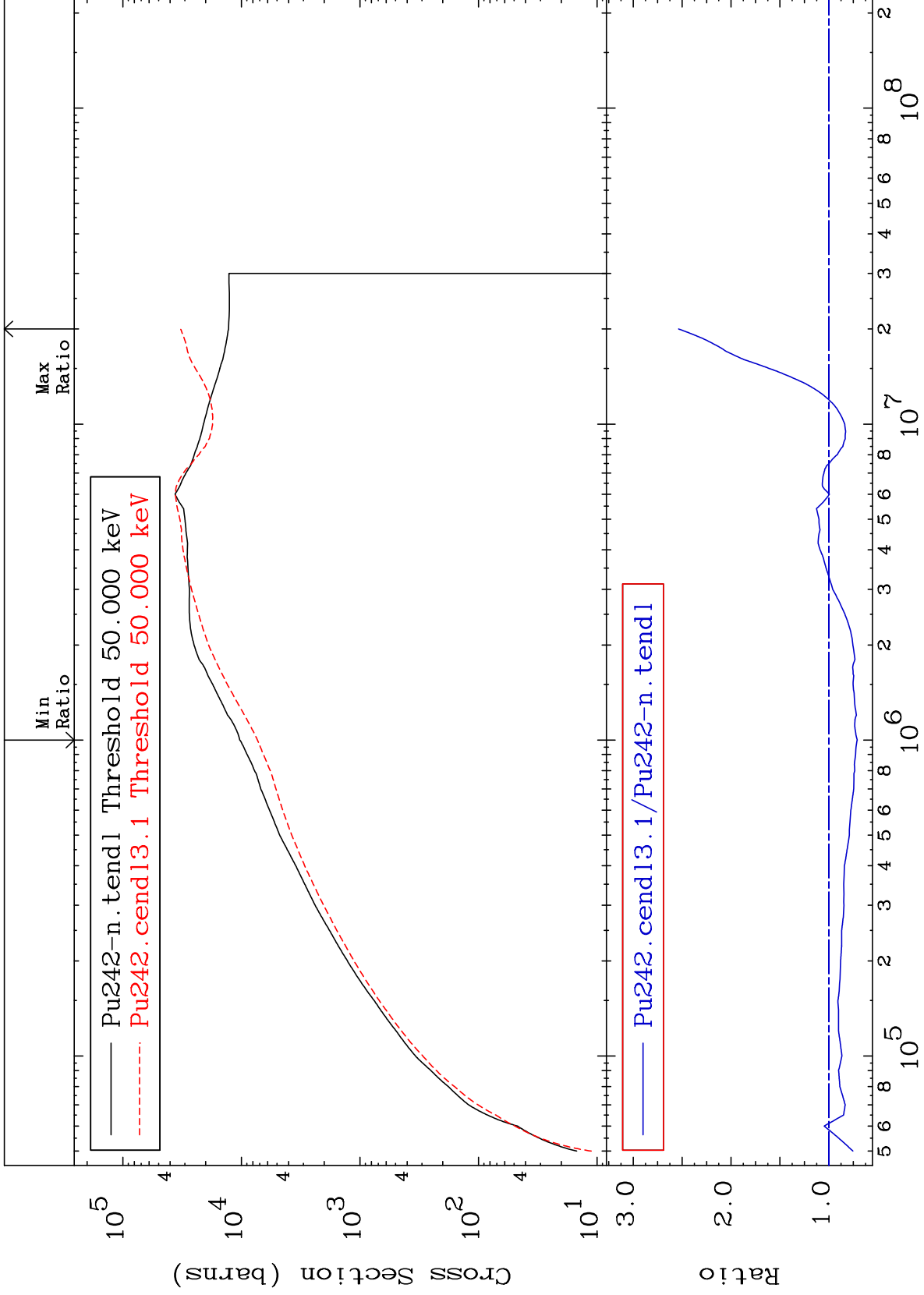
94-Pu-242
-95.66 To 836.7 %



MAT 9446

Dpa inelastic (mt51-91)
Cross Section

94-Pu-242
-29.02 To 153.6 %



MAT 9446

Dpa disappearance (mt102 -120)
Cross Section

94-Pu-242
131.7 To 9999. %

