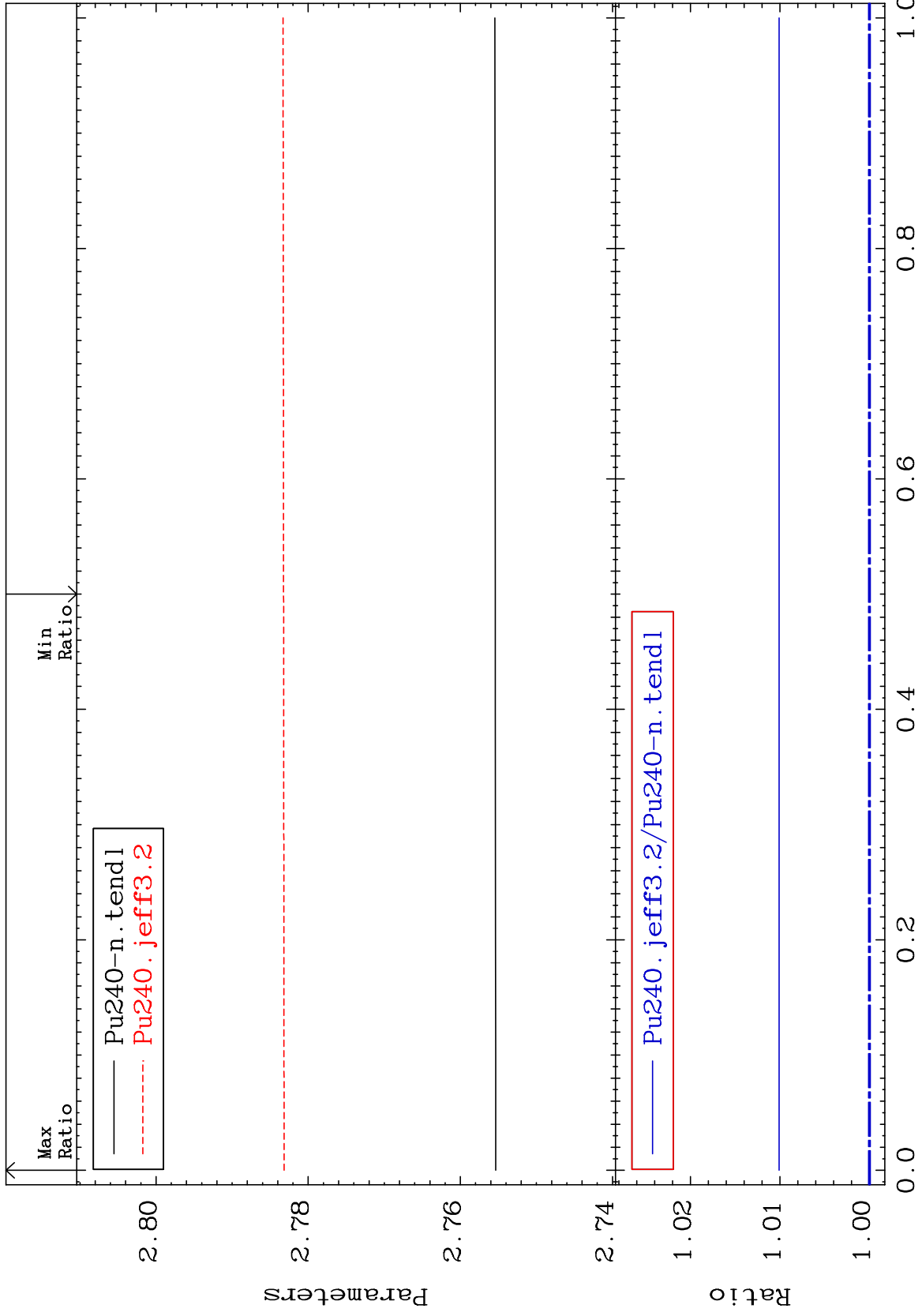


MAT 9440

Total $\bar{\nu}$
Parameters

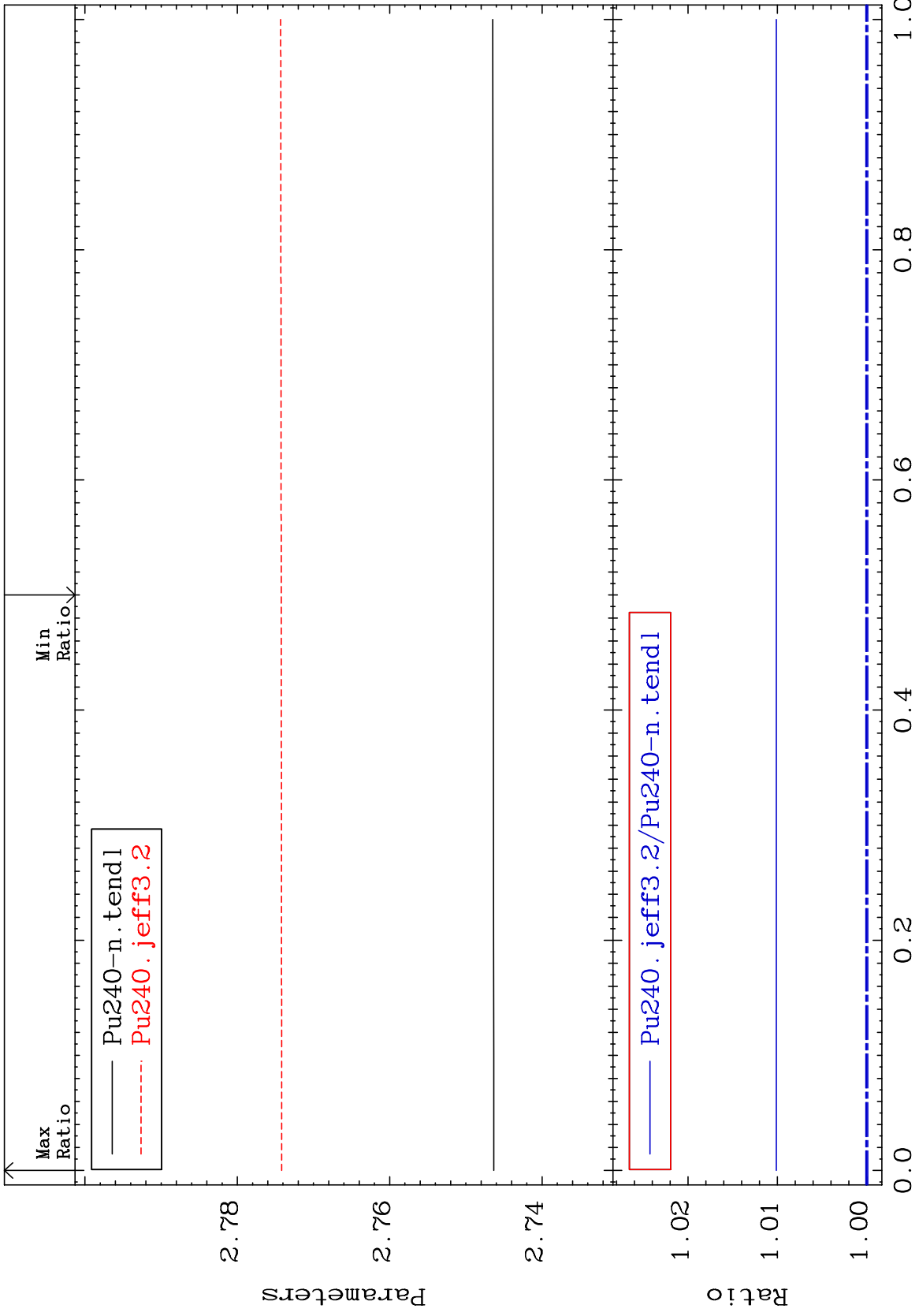
94-Pu-240
1.010 To 1.010 %



MAT 9440

Prompt $\bar{\nu}$
Parameters

94-Pu-240
1.013 To 1.013 %



2

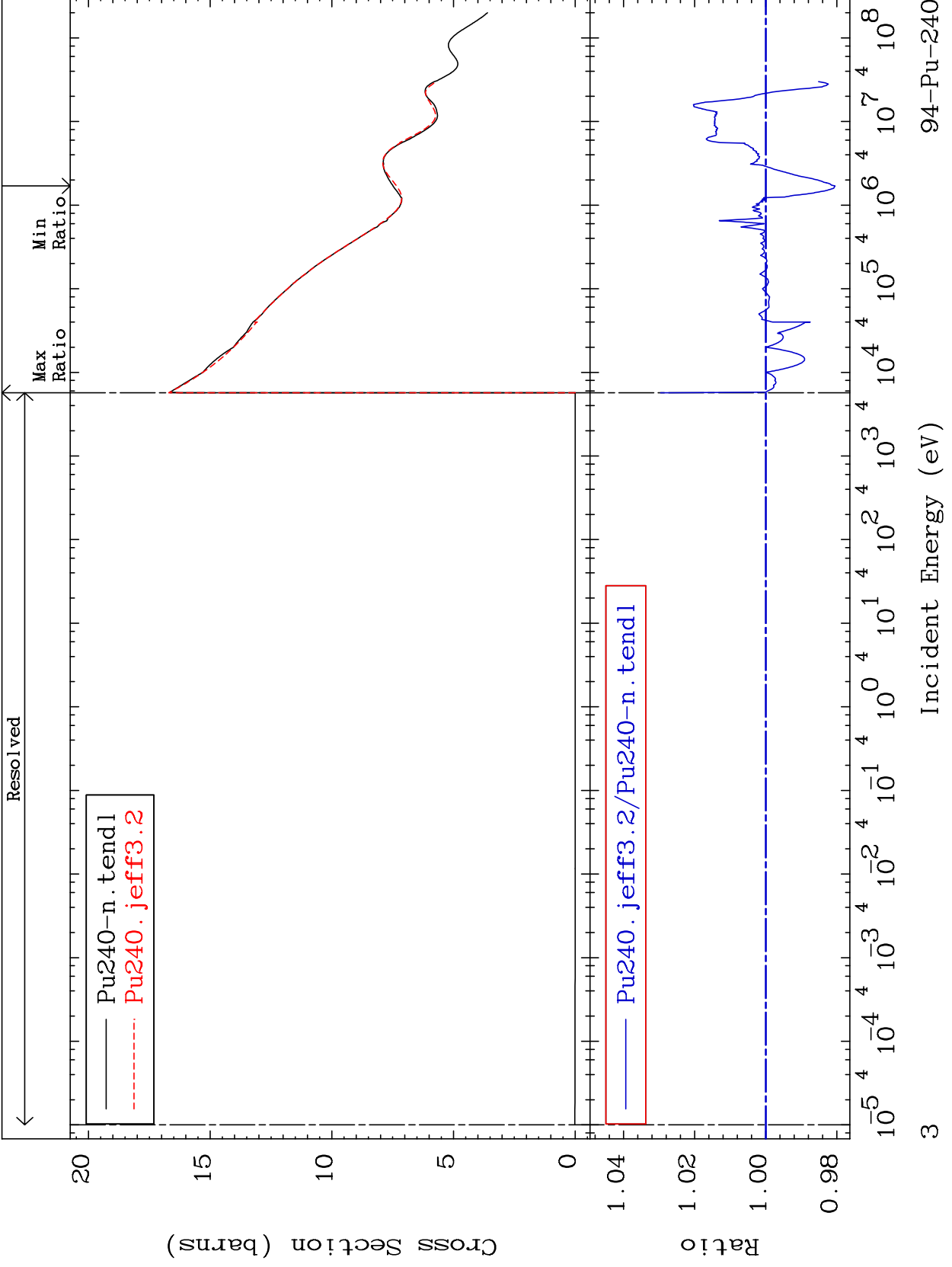
Incident Energy (KeV)

94-Pu-240

MAT 9440

Total
Cross Section

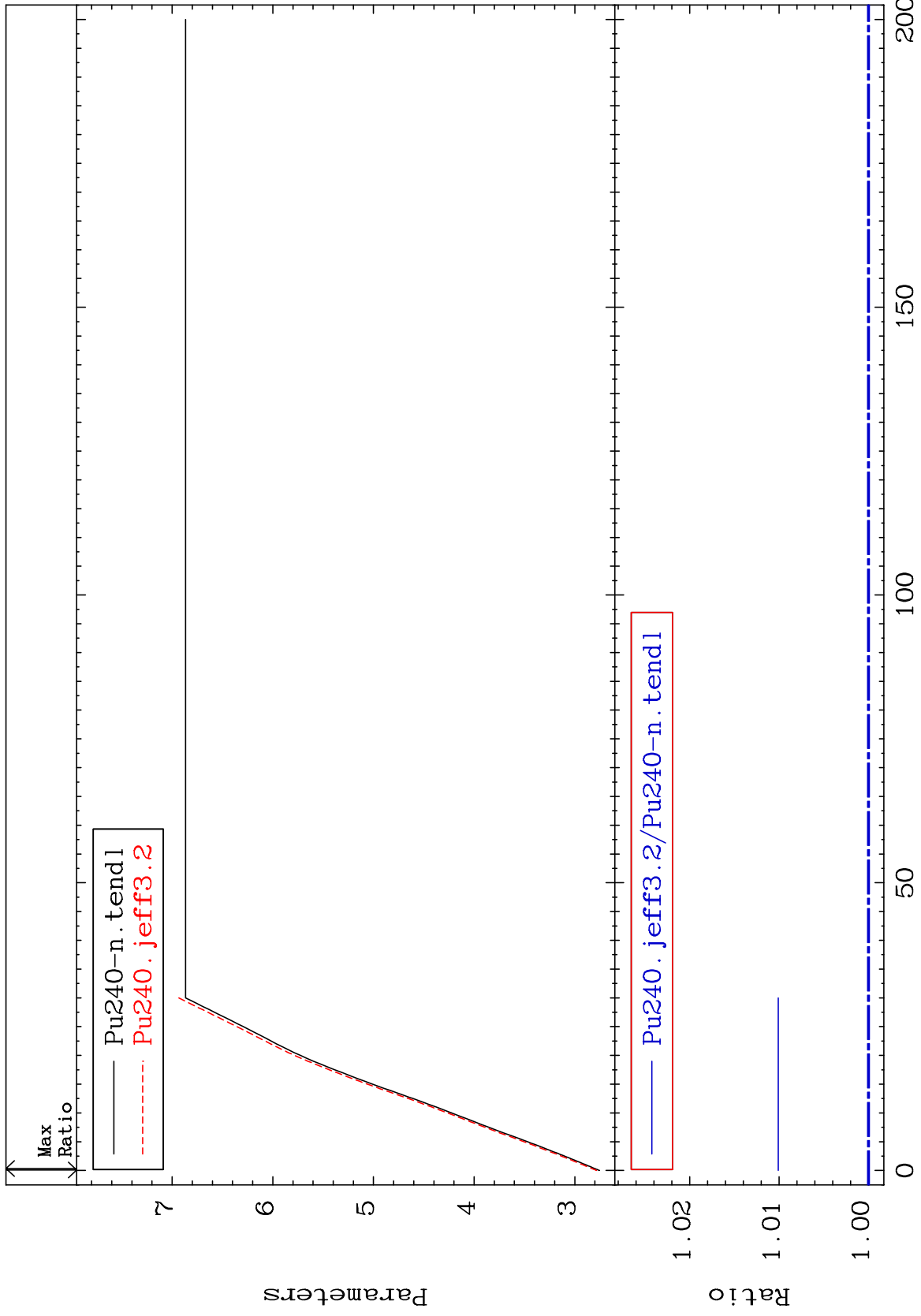
94-Pu-240
-1.947 To 2.961 %



MAT 9440

Total $\bar{\nu}$
Parameters

94-Pu-240
To 1.010 %



94-Pu-240

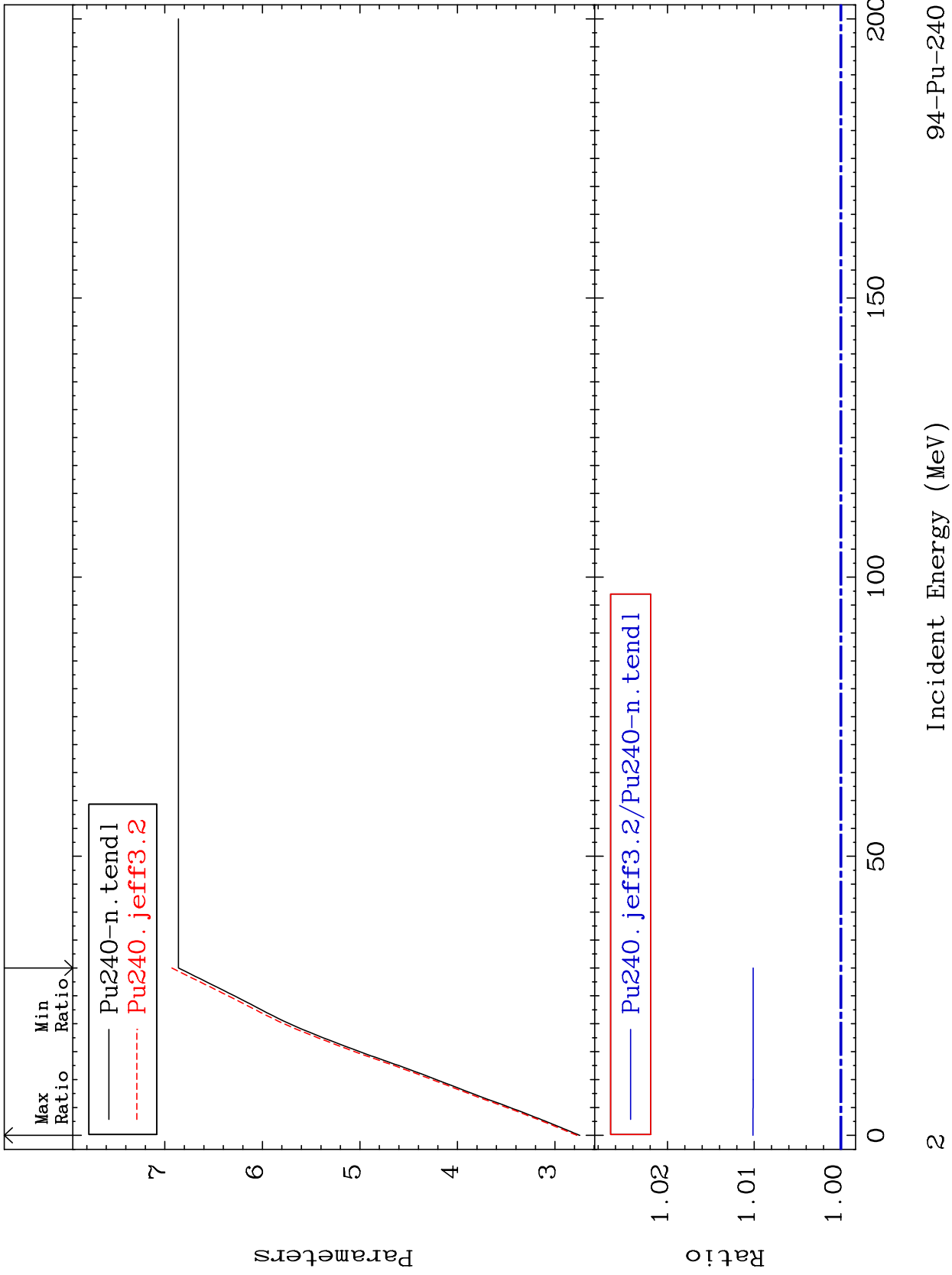
Incident Energy (MeV)

1

MAT 9440

Prompt $\bar{\nu}$
Parameters

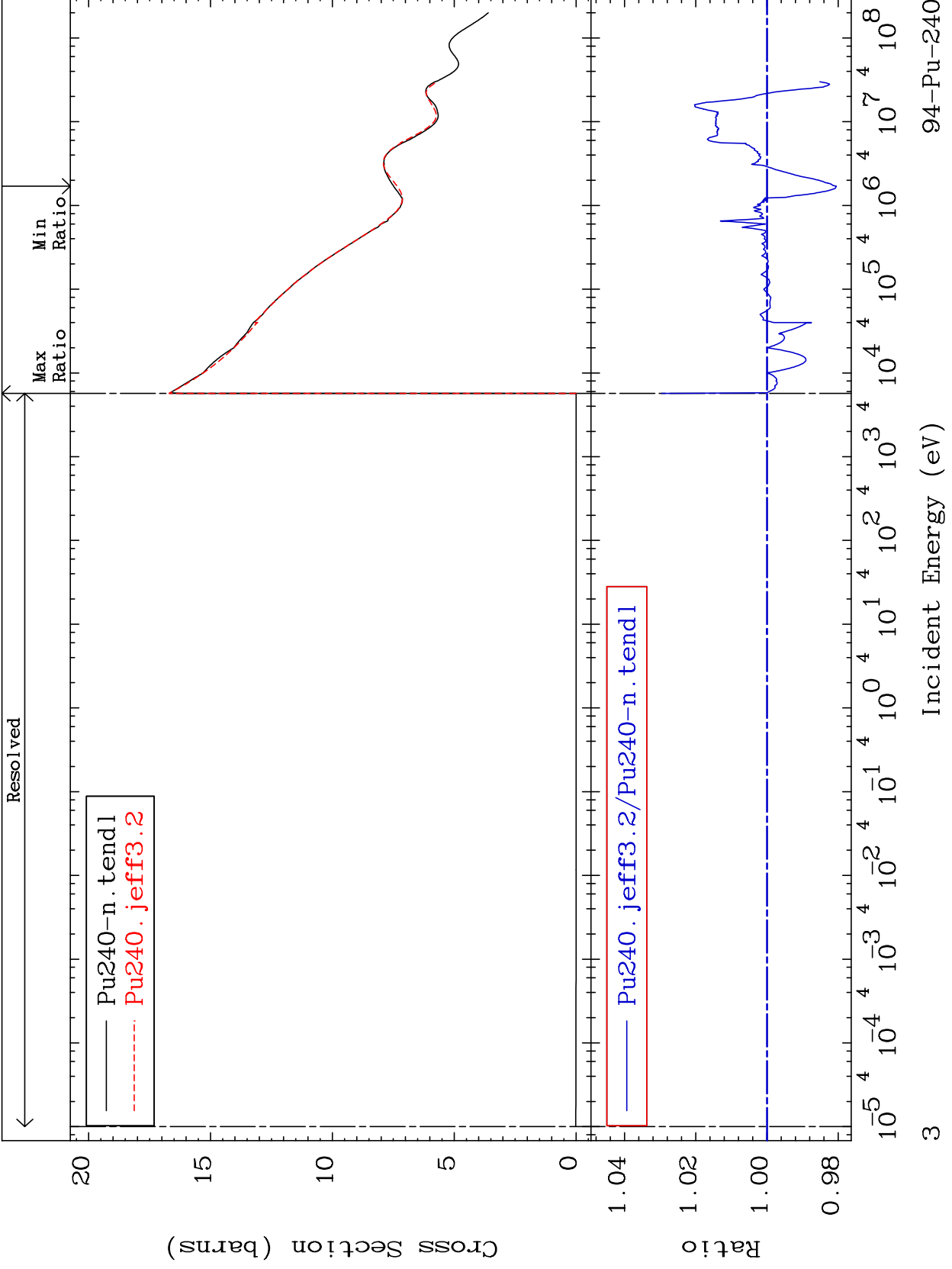
94-Pu-240
To 1.013 %



MAT 9440

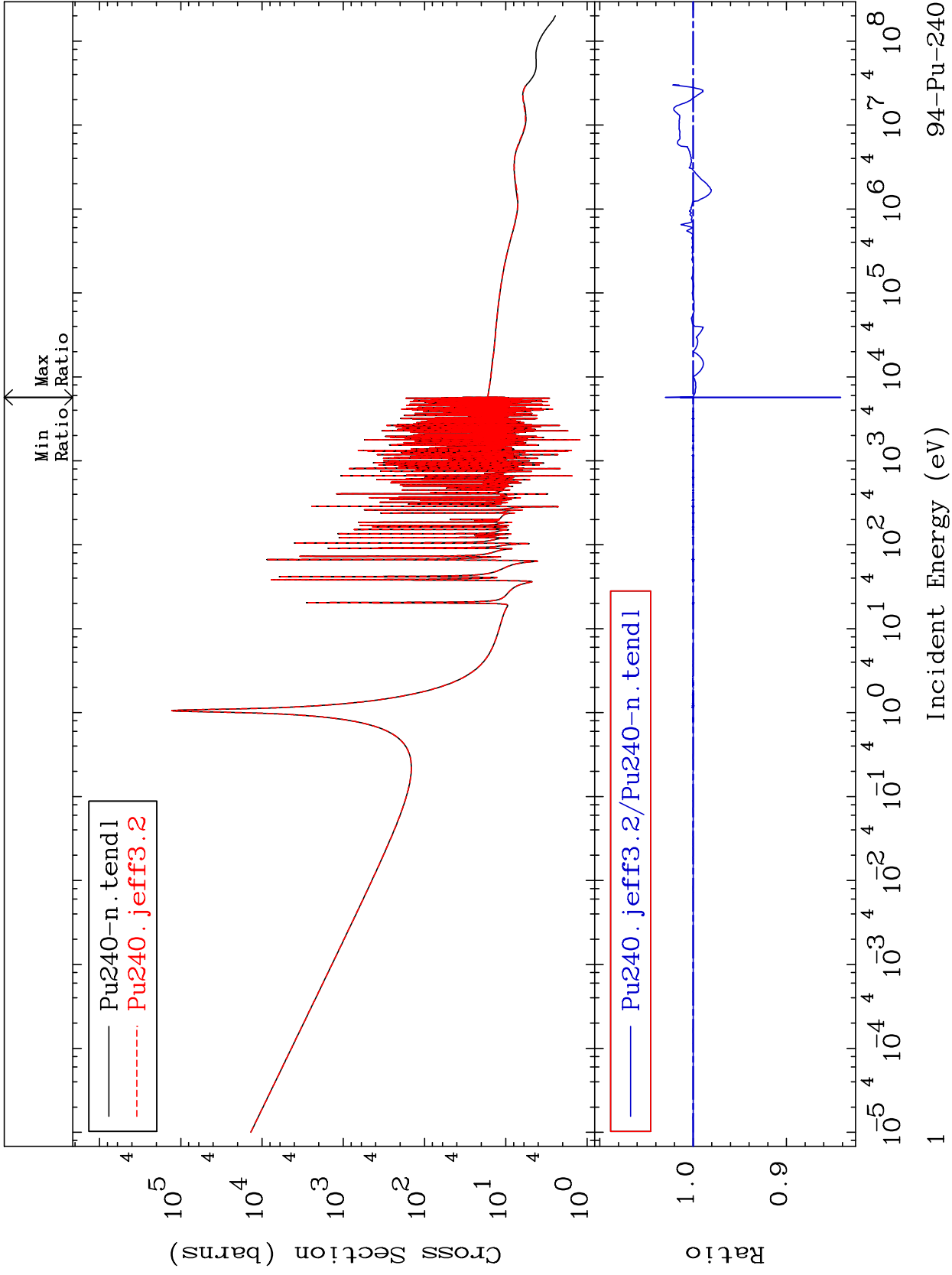
Total
Cross Section

94-Pu-240
-1.947 To 2.961 %



MAT 9440

Total Cross Section
94-Pu-240
-15.81 To 2.960 %



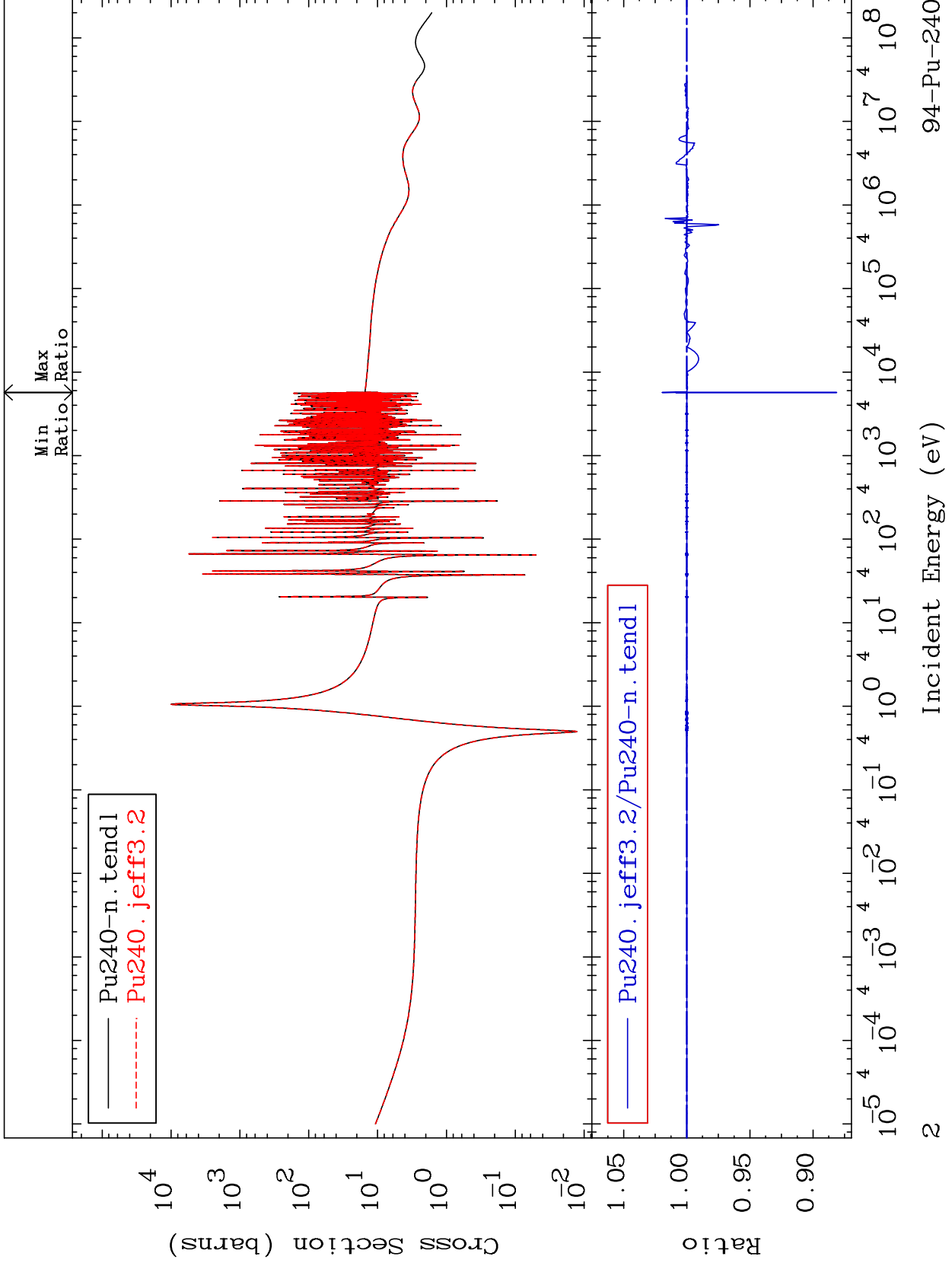
94-Pu-240

Incident Energy (eV)

MAT 9440

Elastic
Cross Section

94-Pu-240
-11.87 To 1.937 %



94-Pu-240

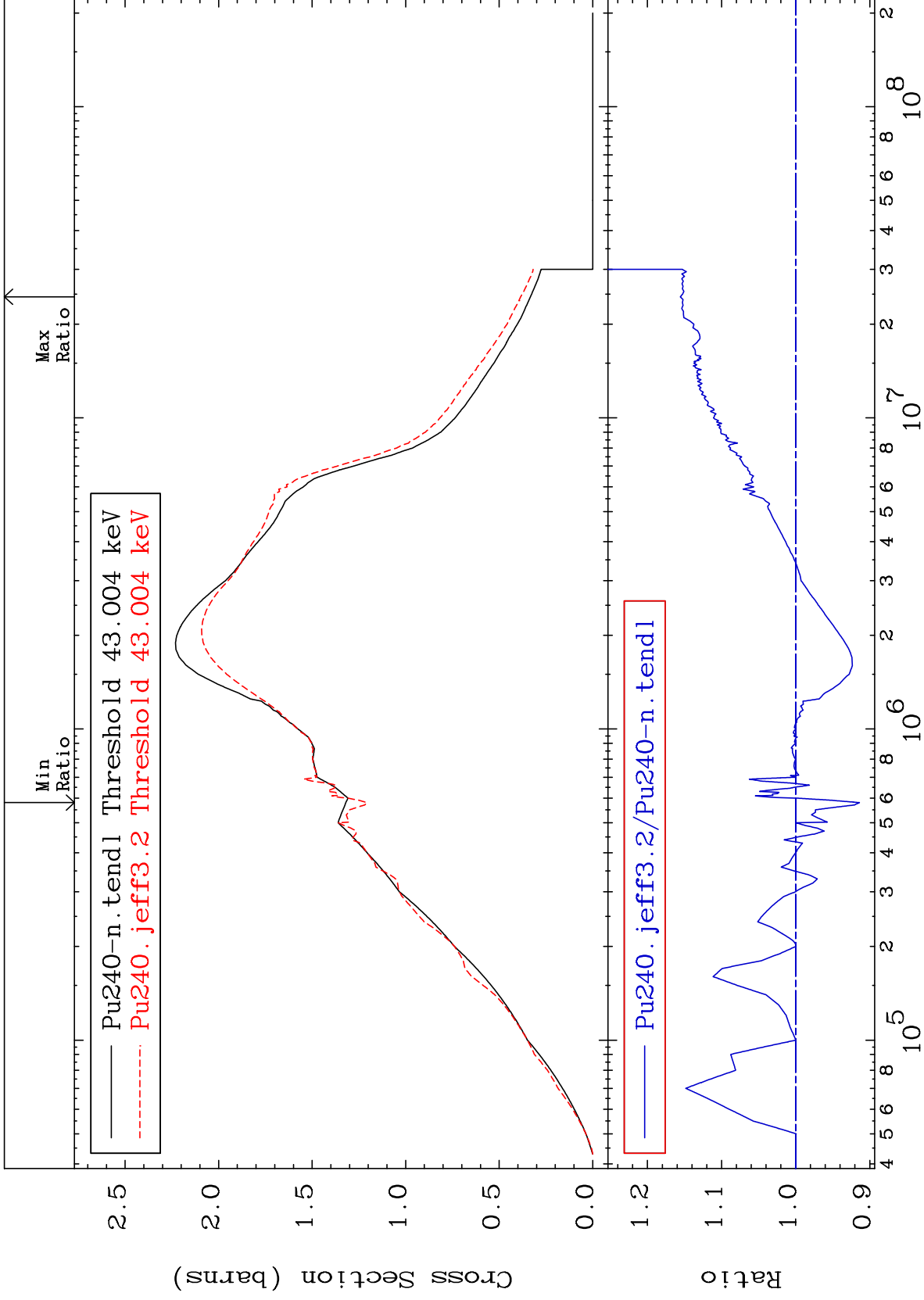
Incident Energy (eV)

2

MAT 9440

Inelastic
Cross Section

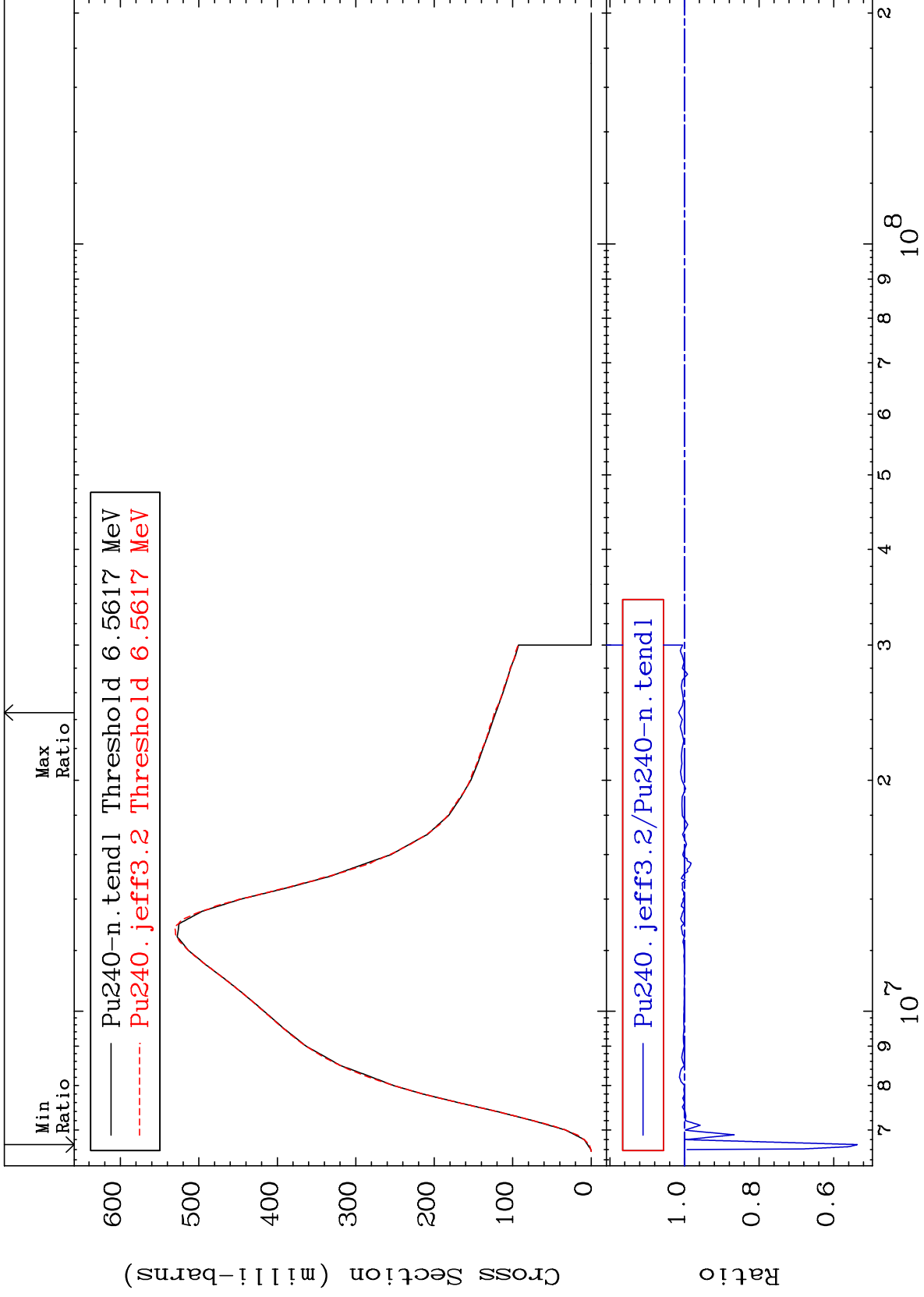
94-Pu-240
-8.606 To 15.56 %



MAT 9440

(n,2n)
Cross Section

94-Pu-240
-46.30 To 1.566 %



4

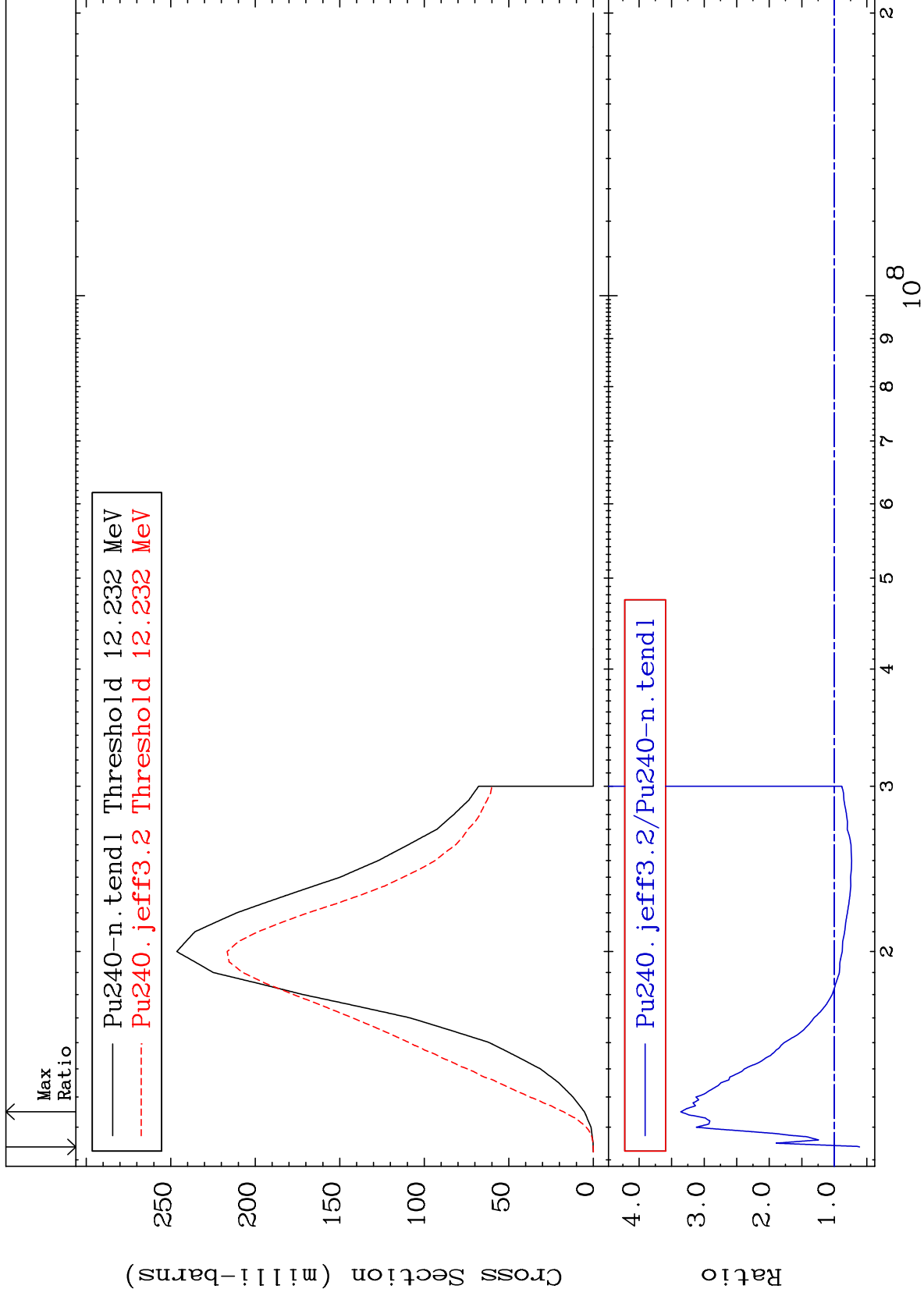
Incident Energy (eV)

94-Pu-240

MAT 9440

(n,3n)
Cross Section

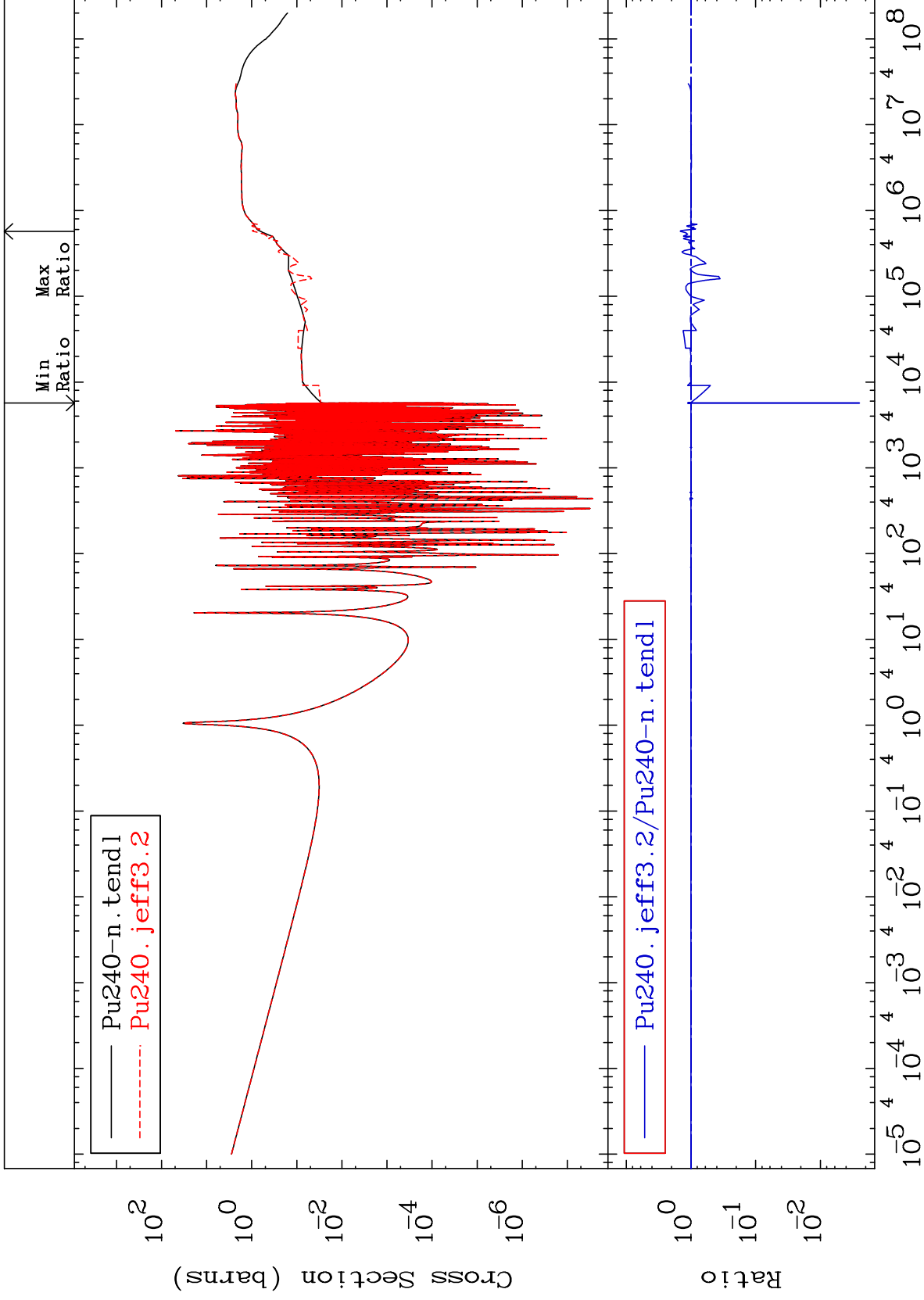
94-Pu-240
-38.74 To 235.9 %



MAT 9440

Fission
Cross Section

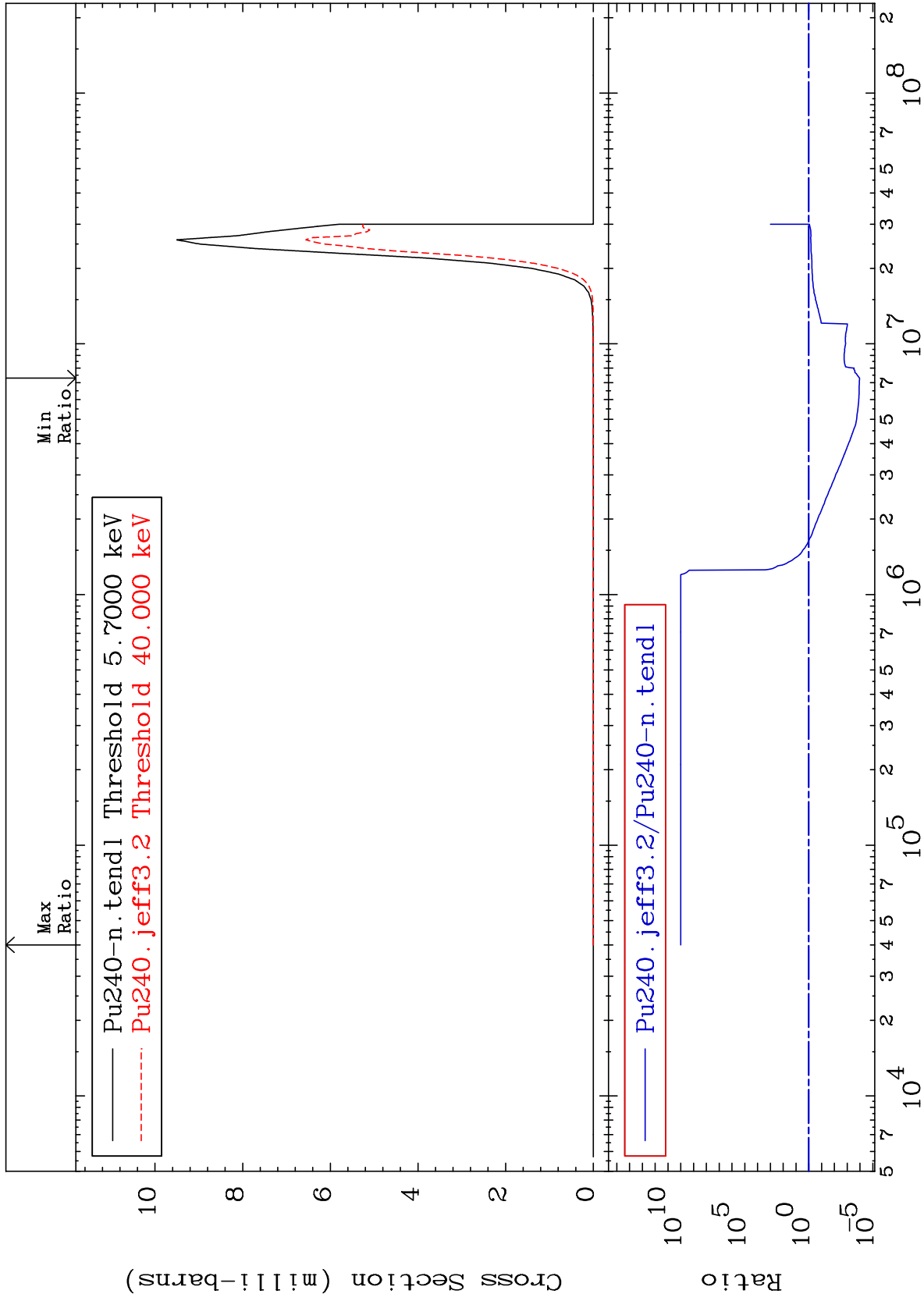
94-Pu-240
-99.75 To 45.94 %



MAT 9440

$(n, n') \alpha$
Cross Section

94-Pu-240
-99.99 To 9999. %



7

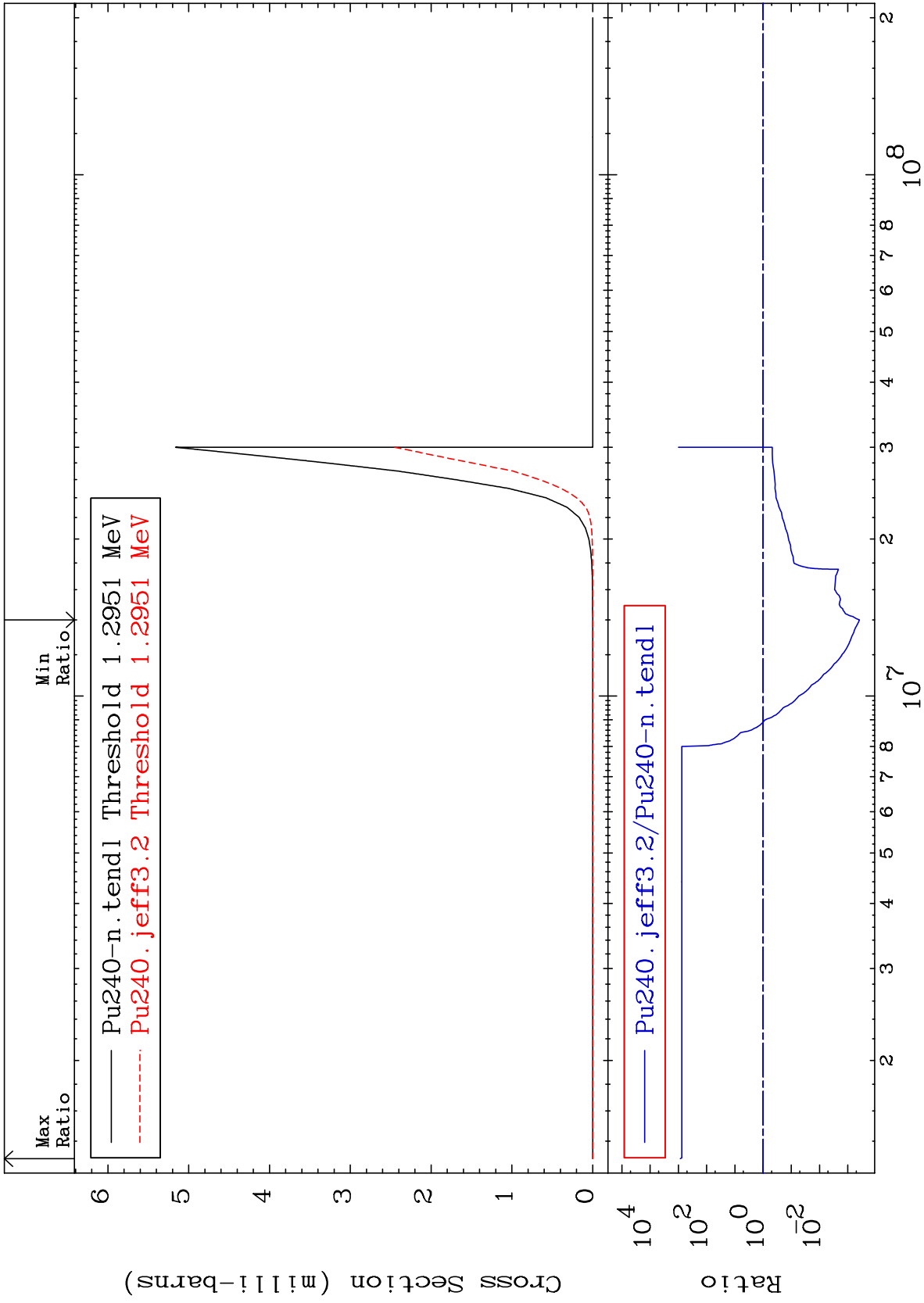
Incident Energy (eV)

94-Pu-240

MAT 9440

(n,2n) α
Cross Section

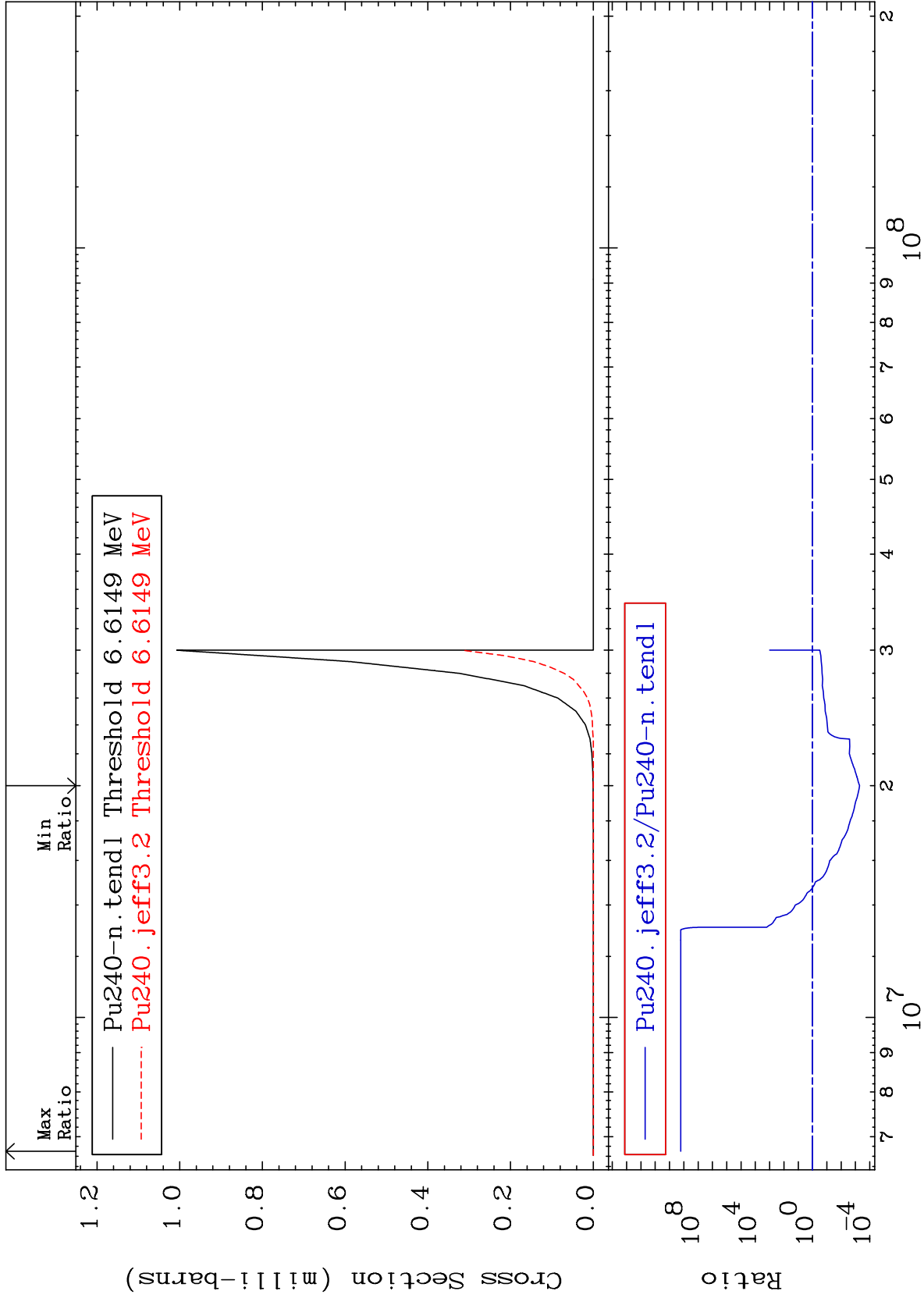
94-Pu-240
-99.96 To 9999. %



MAT 9440

(n,3n) α
Cross Section

94-Pu-240
-99.95 To 9999. %



9

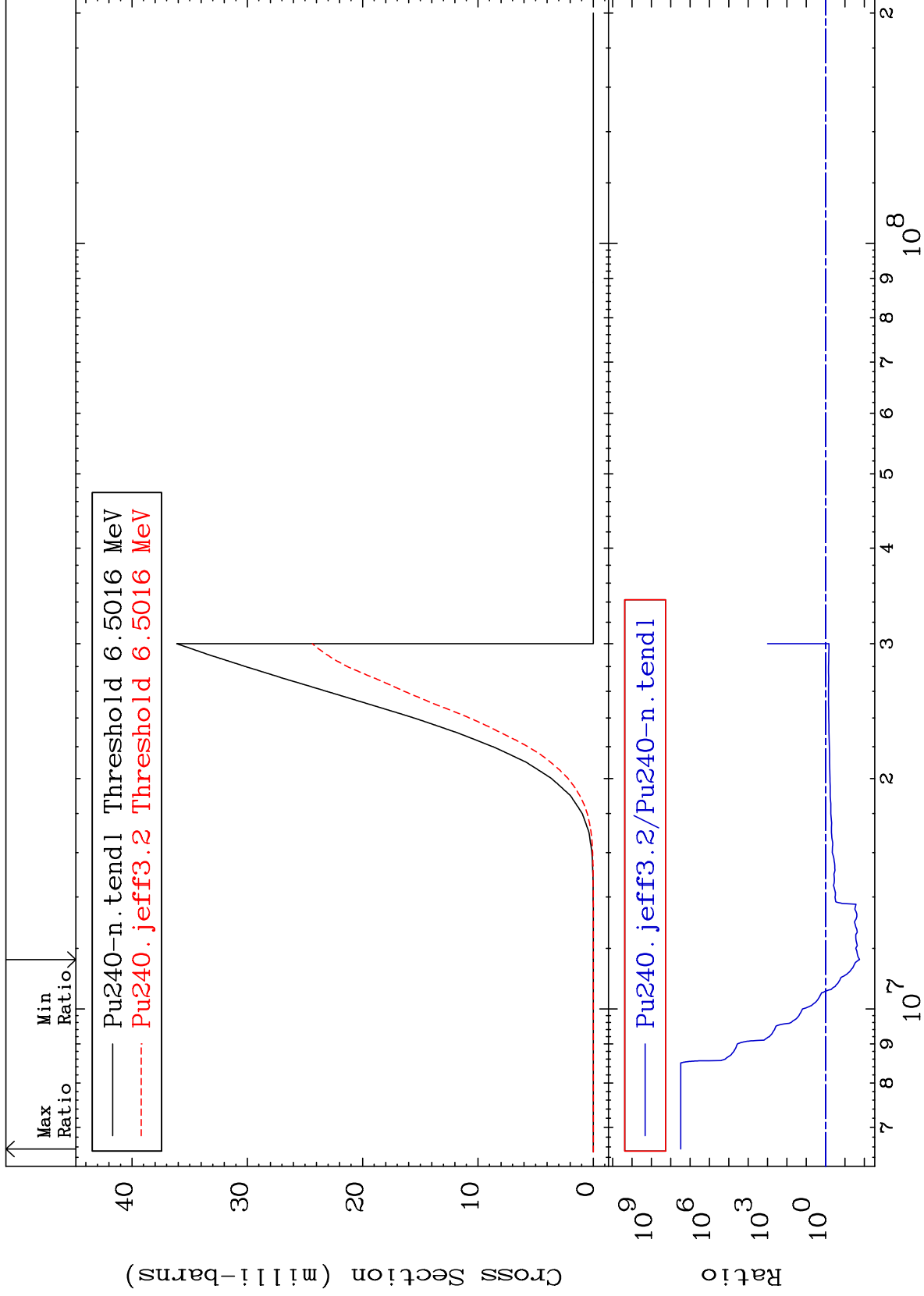
94-Pu-240

94-Pu-240

MAT 9440

(n,n') p
Cross Section

94-Pu-240
-98.22 To 9999. %



10

Incident Energy (eV)

94-Pu-240

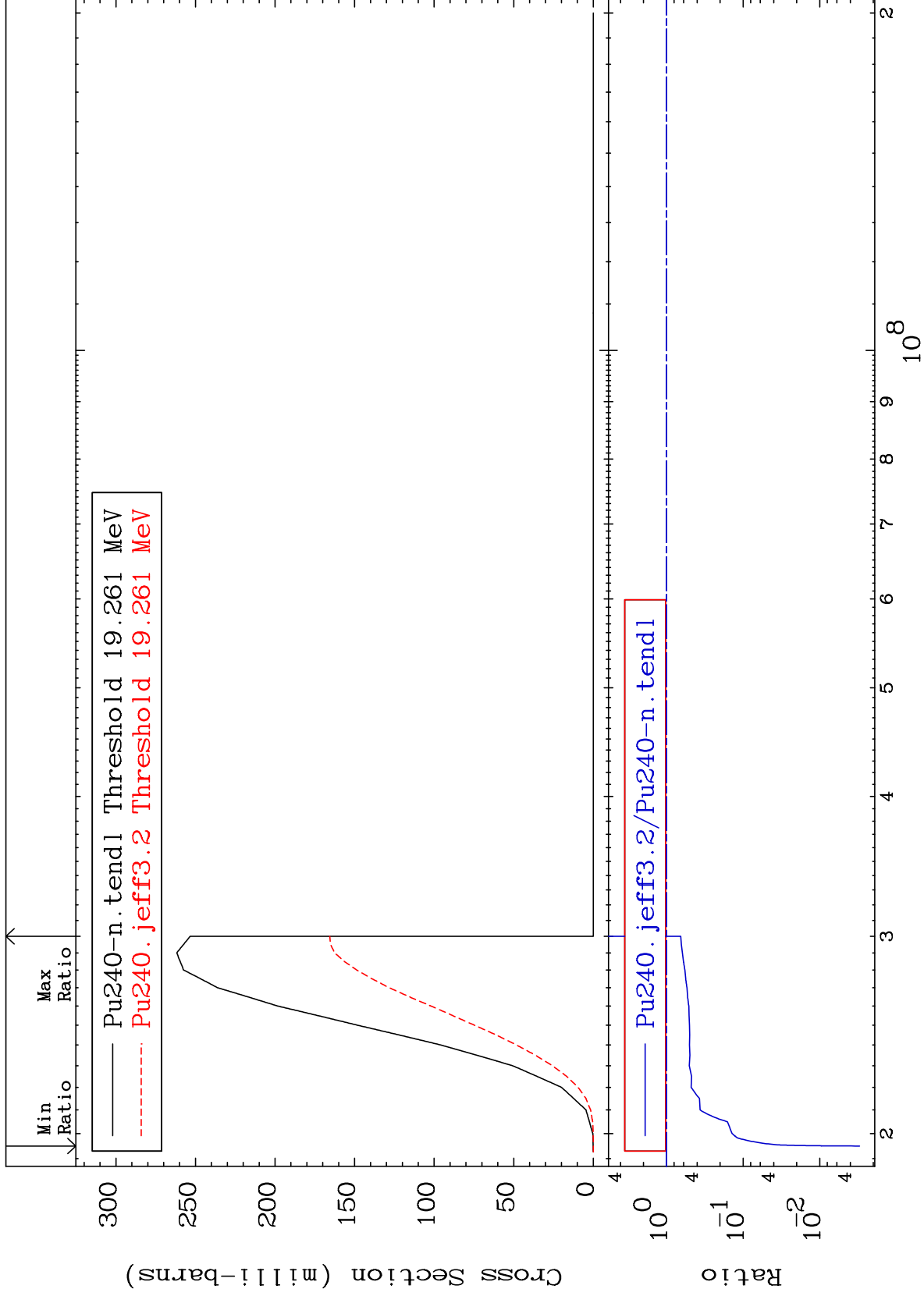
MAT 9440

(n,4n)

94-Pu-240

Cross Section

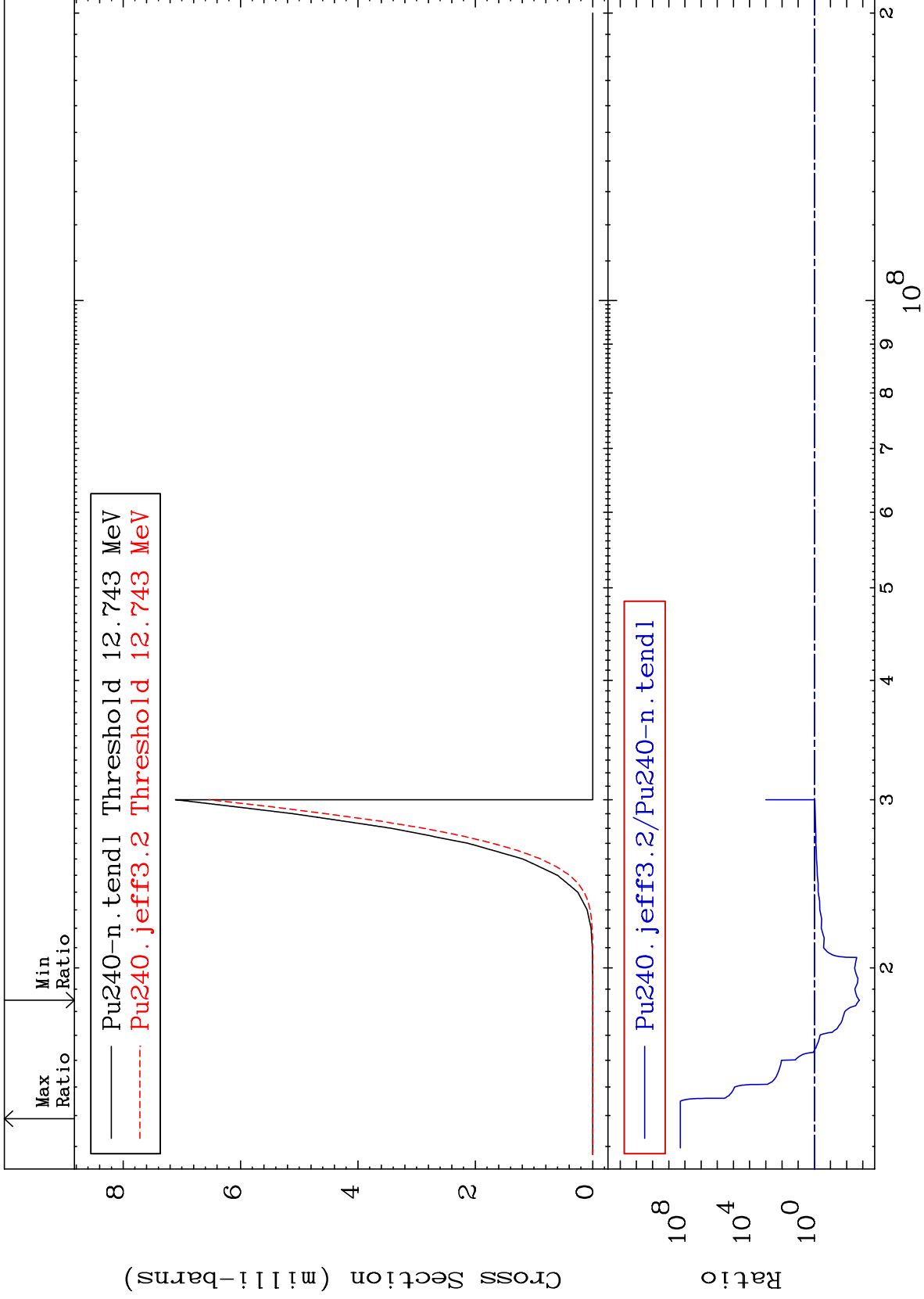
-99.70 To -34.66%



MAT 9440

(n,2n) p
Cross Section

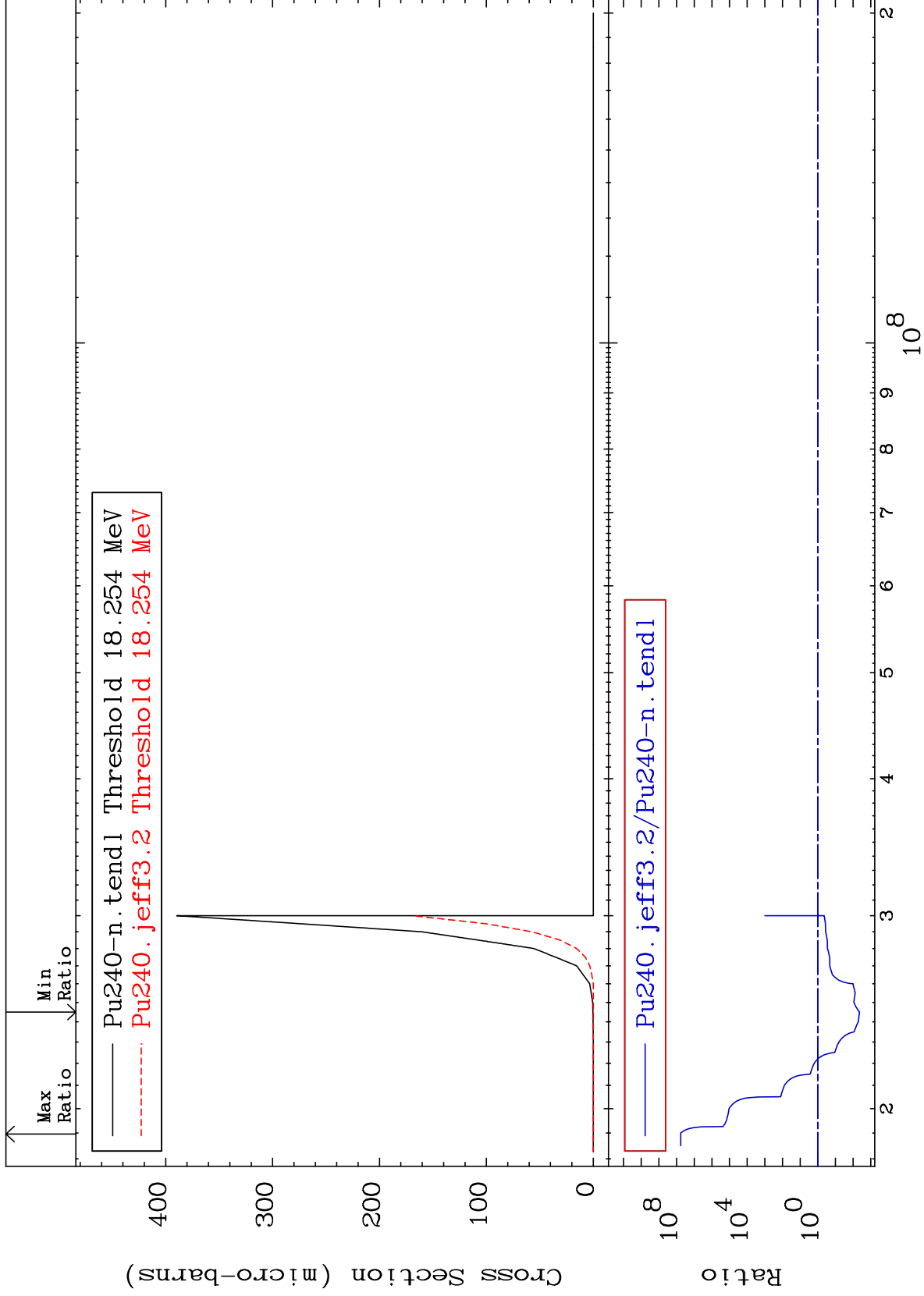
94-Pu-240
-99.84 To 9999. %



MAT 9440

(n,3n) p
Cross Section

94-Pu-240
-99.57 To 9999. %



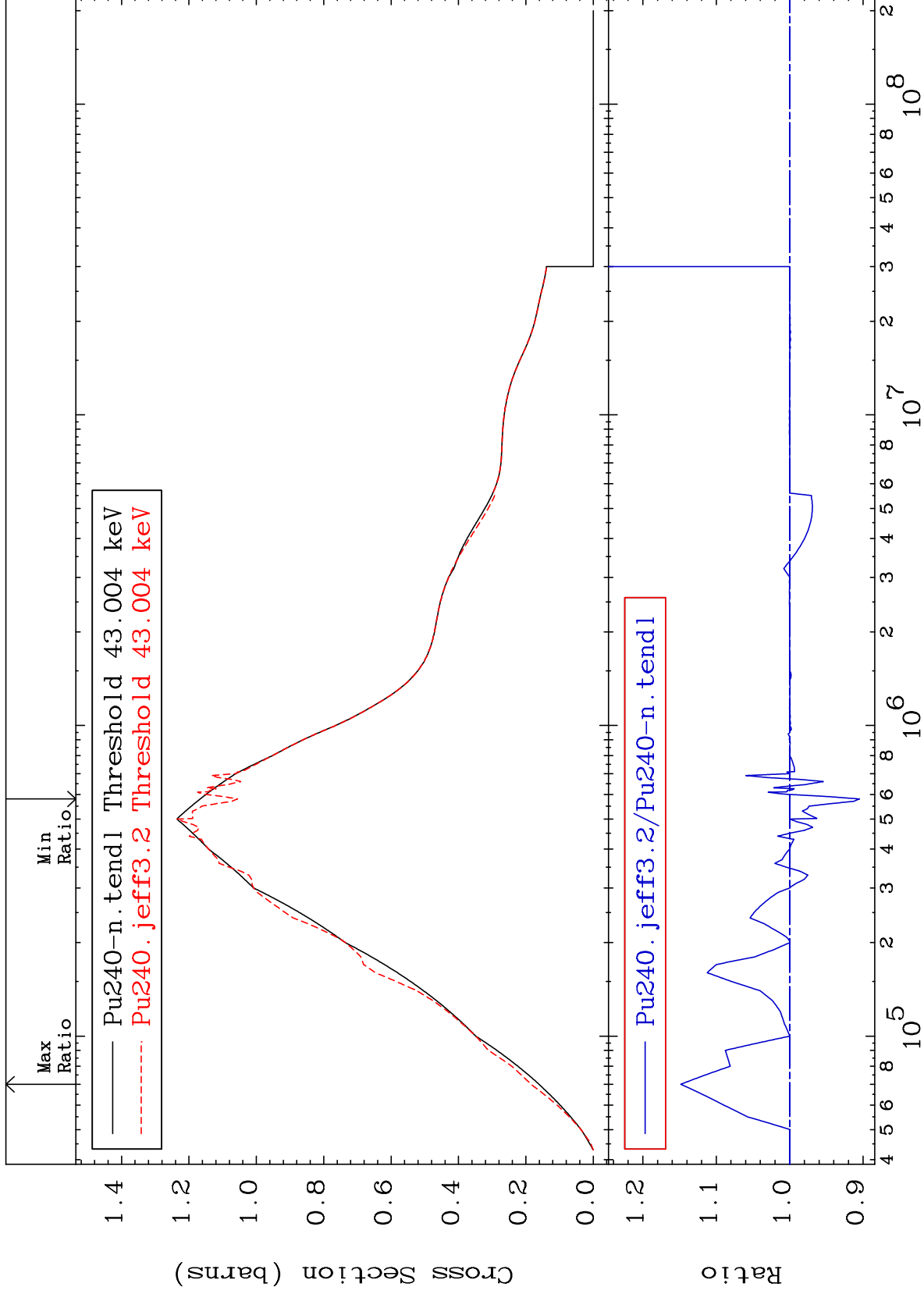
MAT 9440

42.82 keV (n,n') Level

94-Pu-240

Cross Section

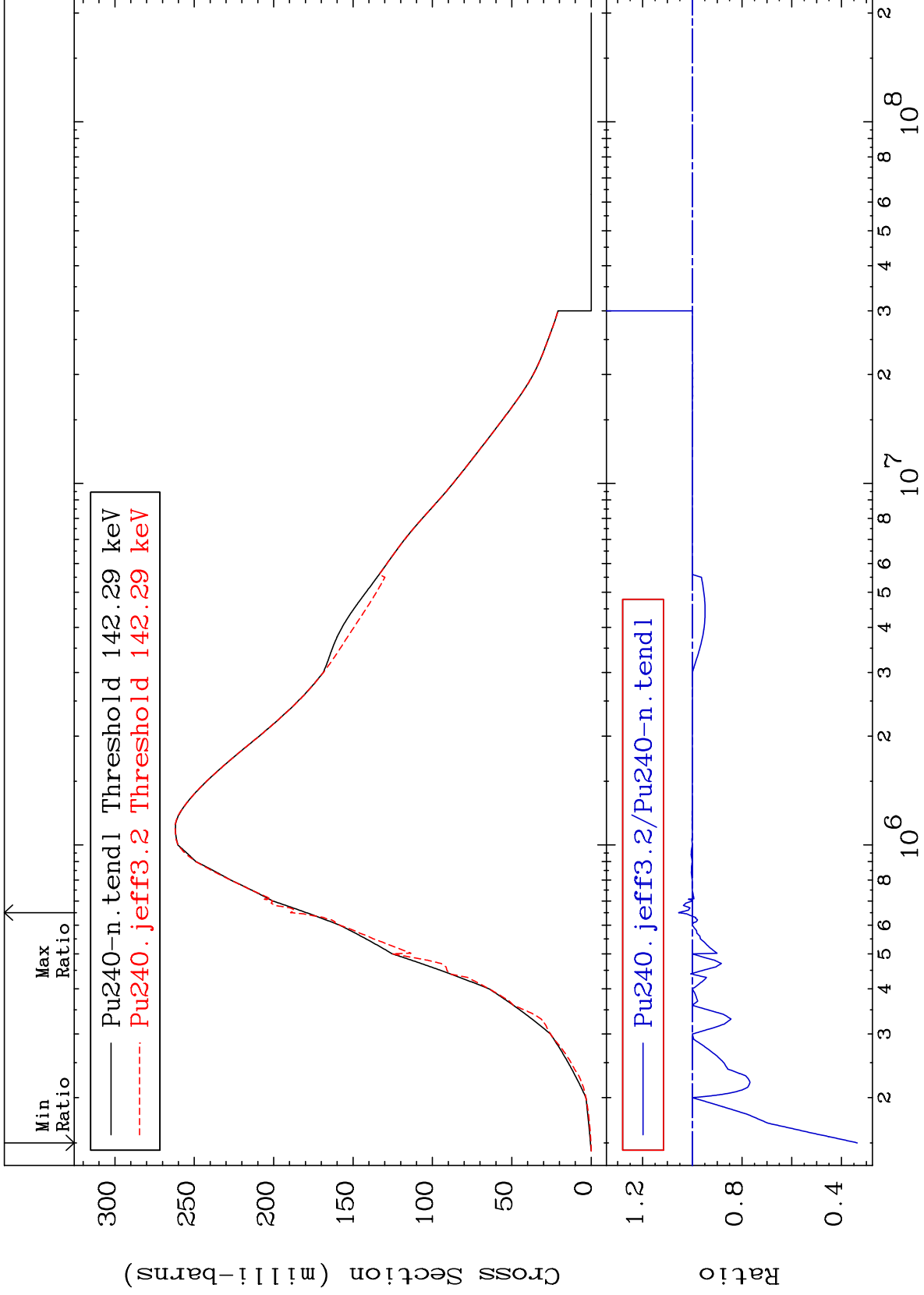
-9.514 To 14.83 %



MAT 9440

141.7 keV (n,n') Level
Cross Section

94-Pu-240
-66.34 To 5.501 %



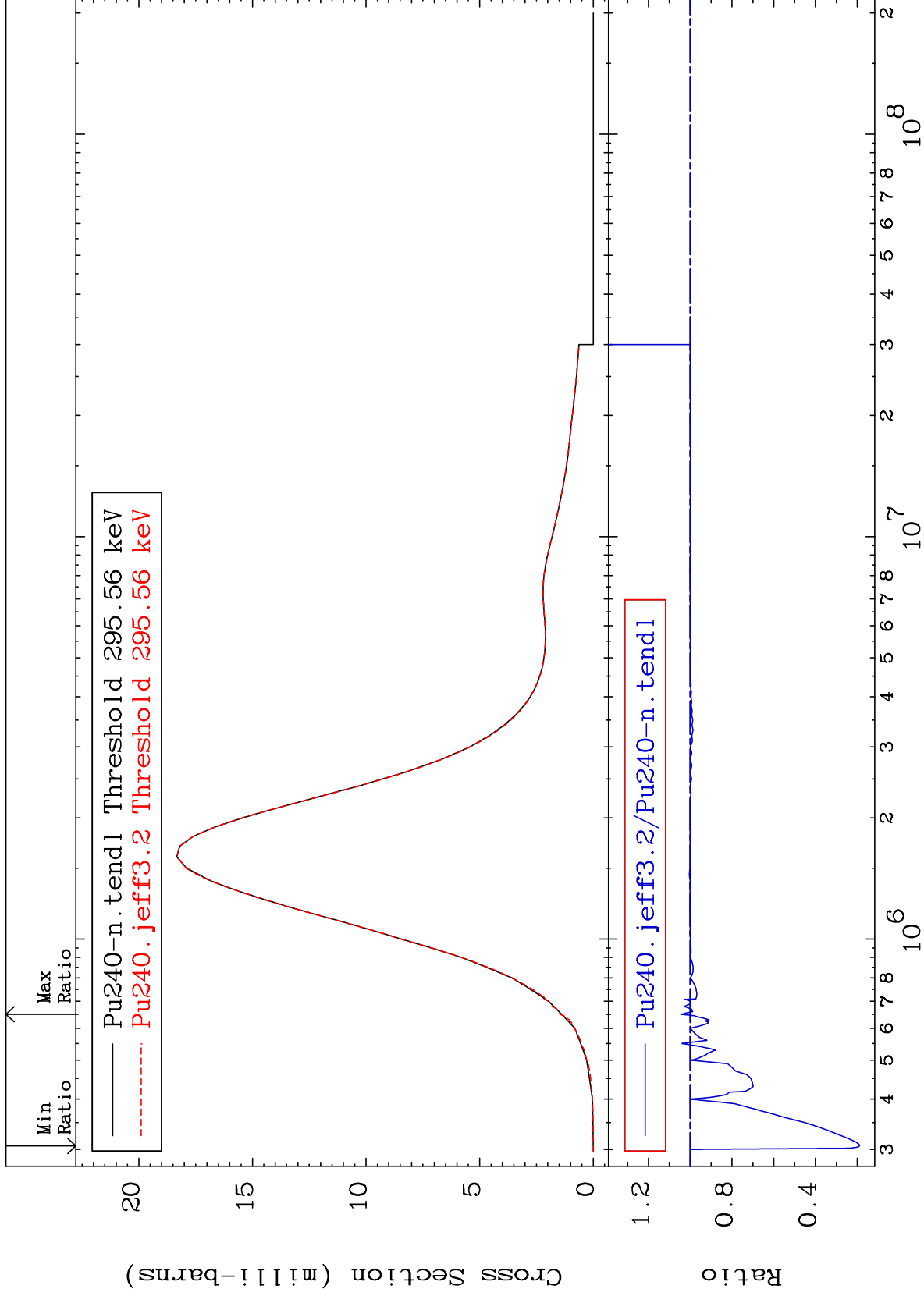
15

94-Pu-240

MAT 9440

294.3 keV (n,n') Level
Cross Section

94-Pu-240
-81.08 To 4.519 %



16

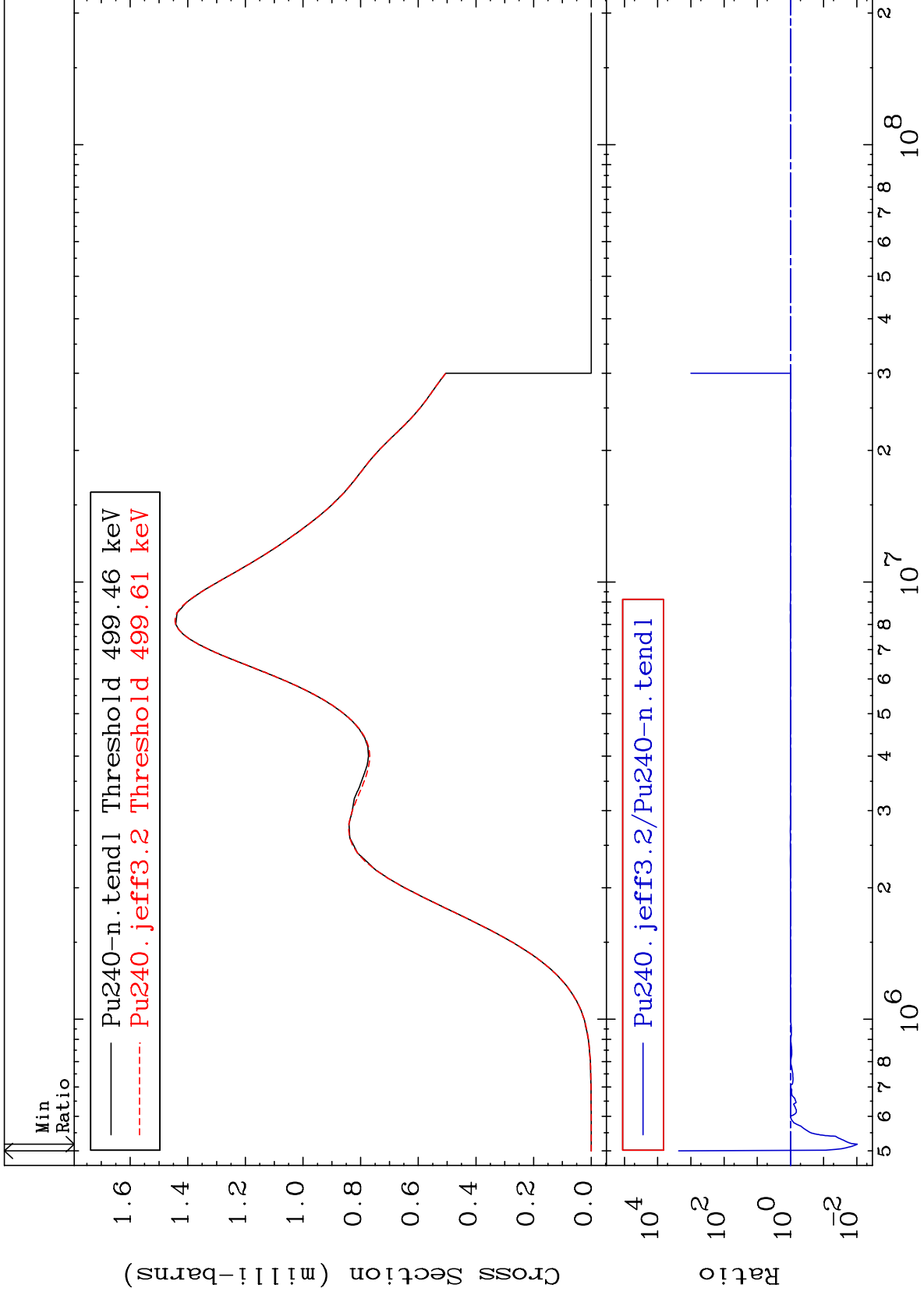
Incident Energy (eV)

94-Pu-240

MAT 9440

497.4 keV (n,n') Level
Cross Section

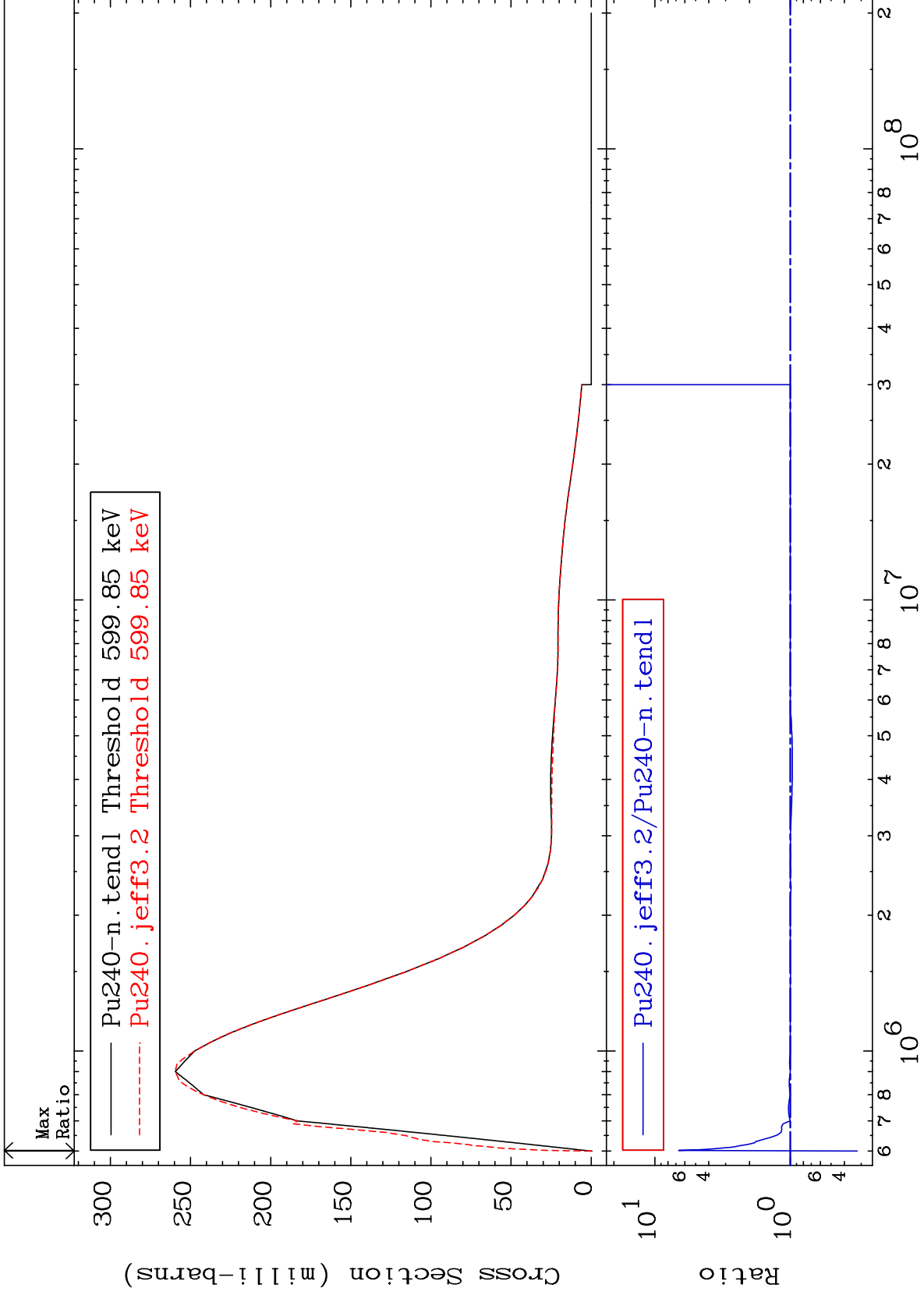
94-Pu-240
-99.03 To 9999. %



MAT 9440

597.3 keV (n,n') Level
Cross Section

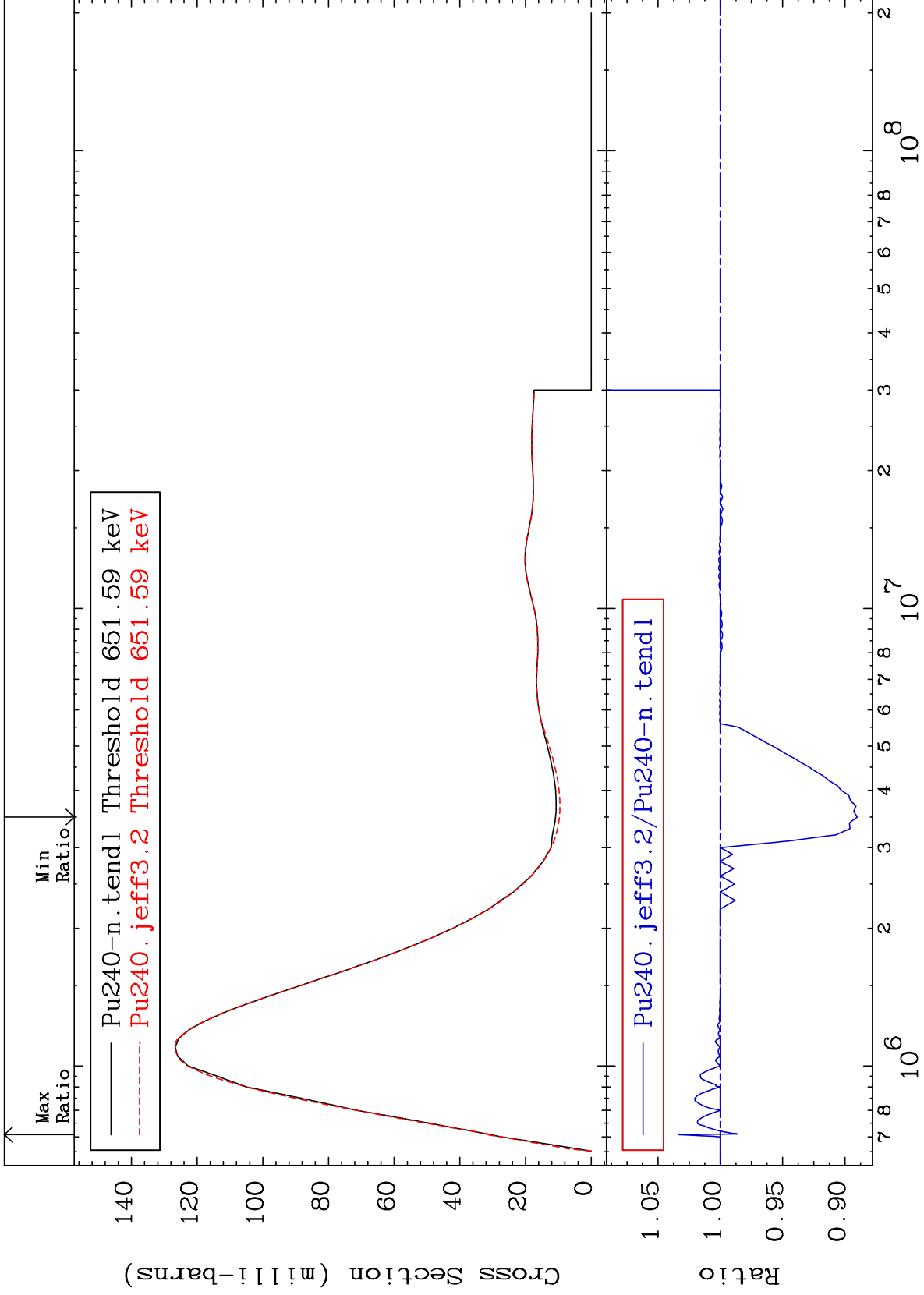
94-Pu-240
-67.92 To 567.1 %



MAT 9440

648.9 keV (n,n') Level
Cross Section

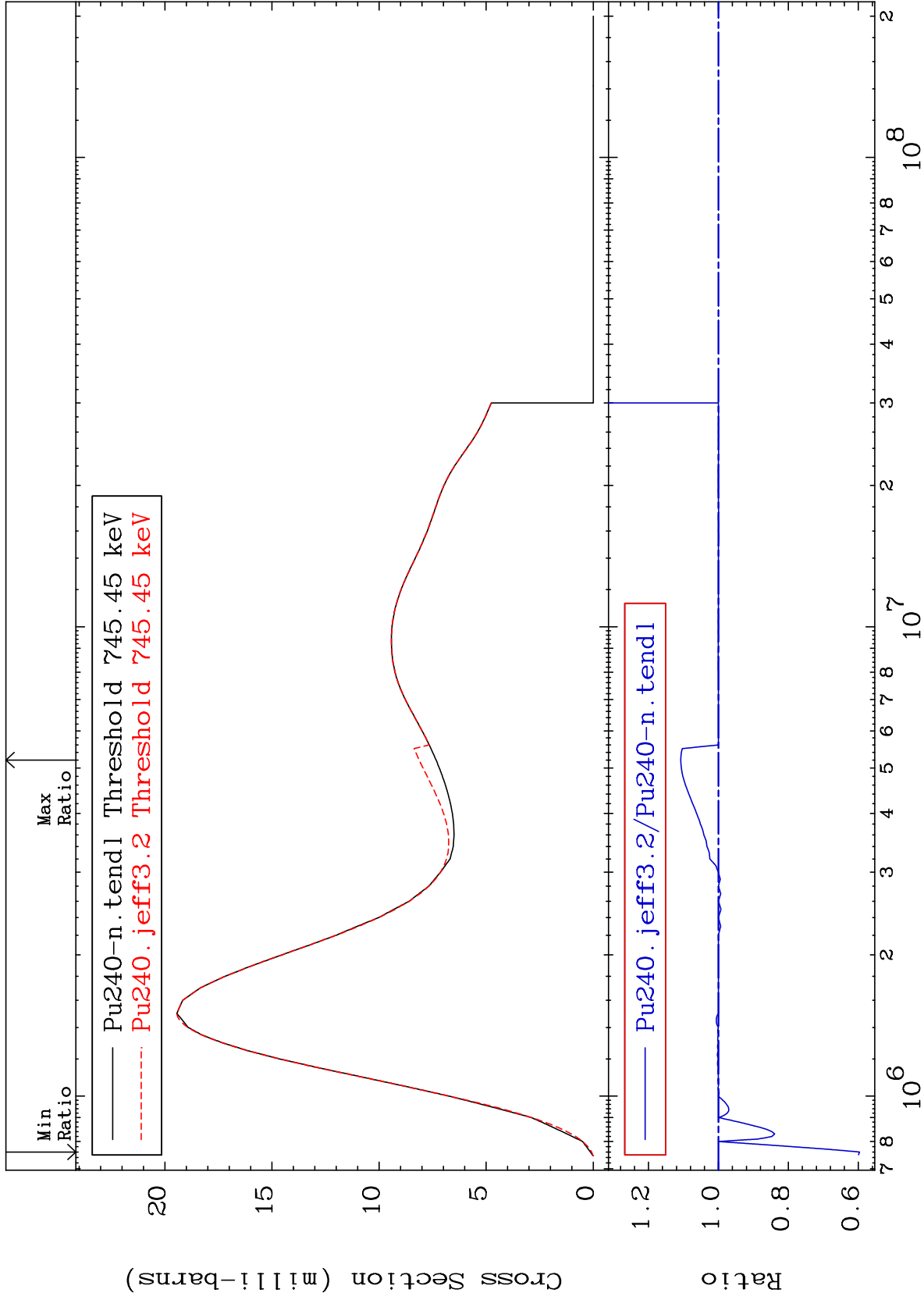
94-Pu-240
-10.99 To 3.348 %



MAT 9440

742.3 keV (n,n') Level
Cross Section

94-Pu-240
-40.34 To 10.77 %



20

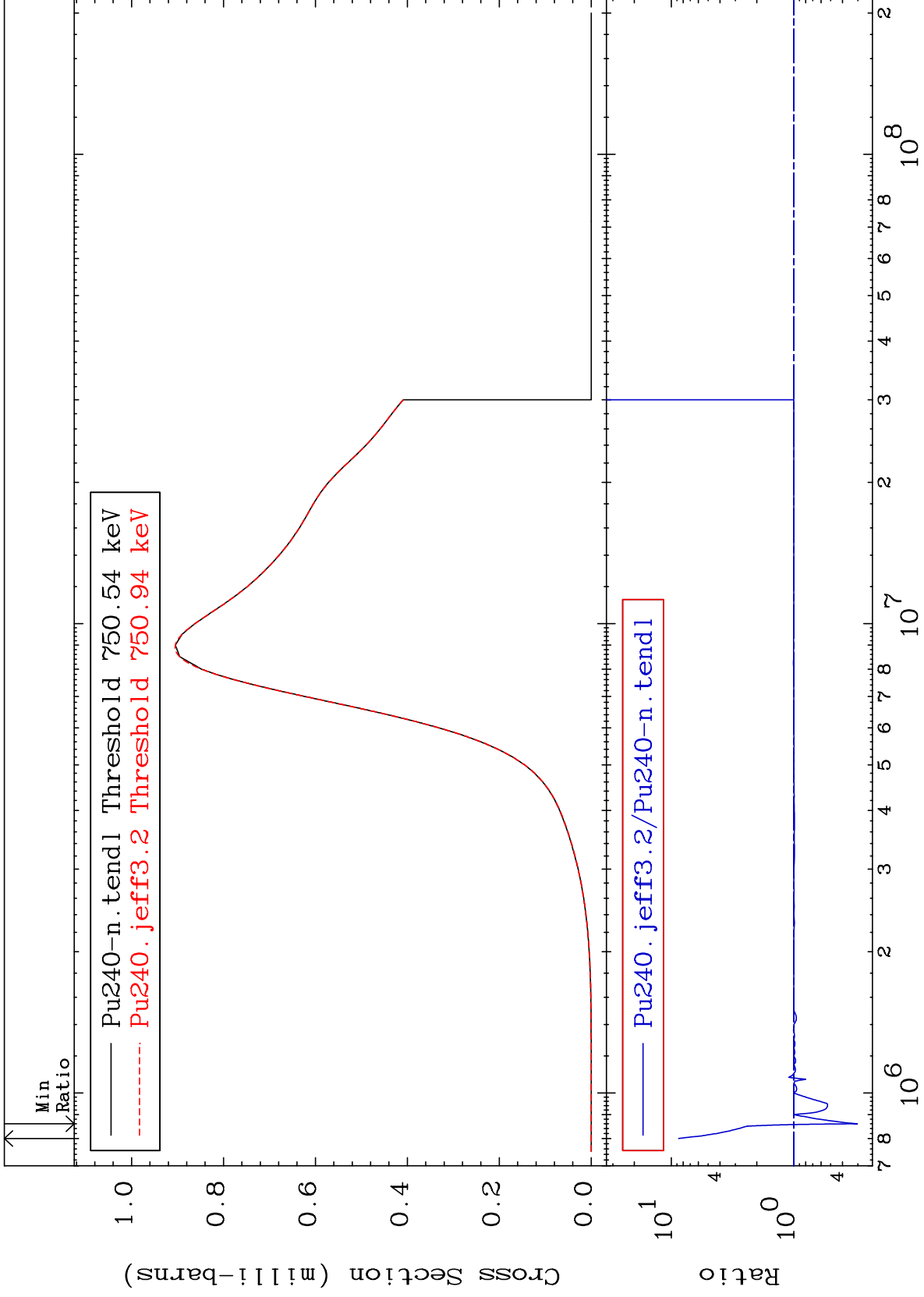
Incident Energy (eV)

94-Pu-240

MAT 9440

747.4 keV (n,n') Level
Cross Section

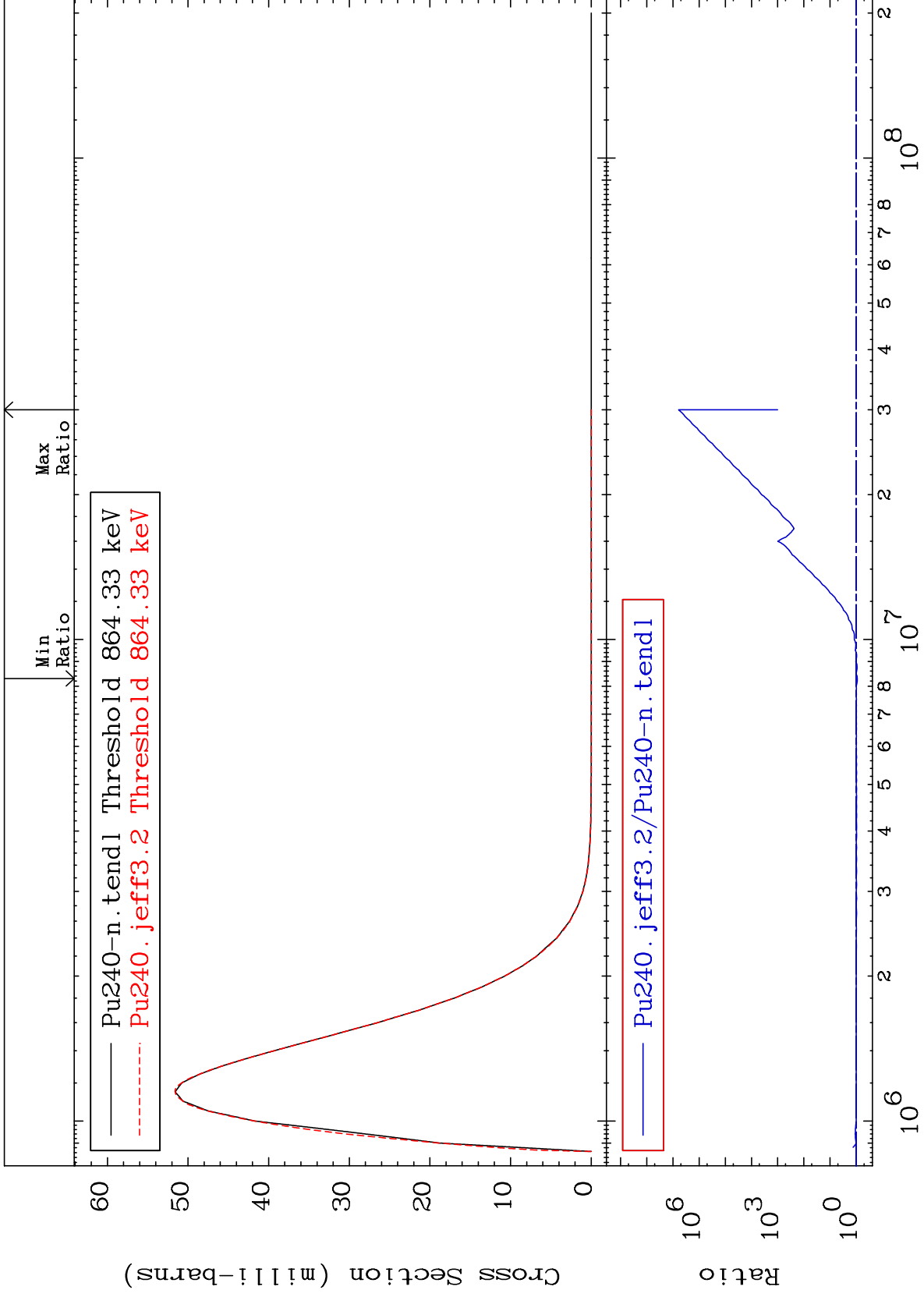
94-Pu-240
-69.66 To 770.2 %



MAT 9440

860.7 keV (n,n') Level
Cross Section

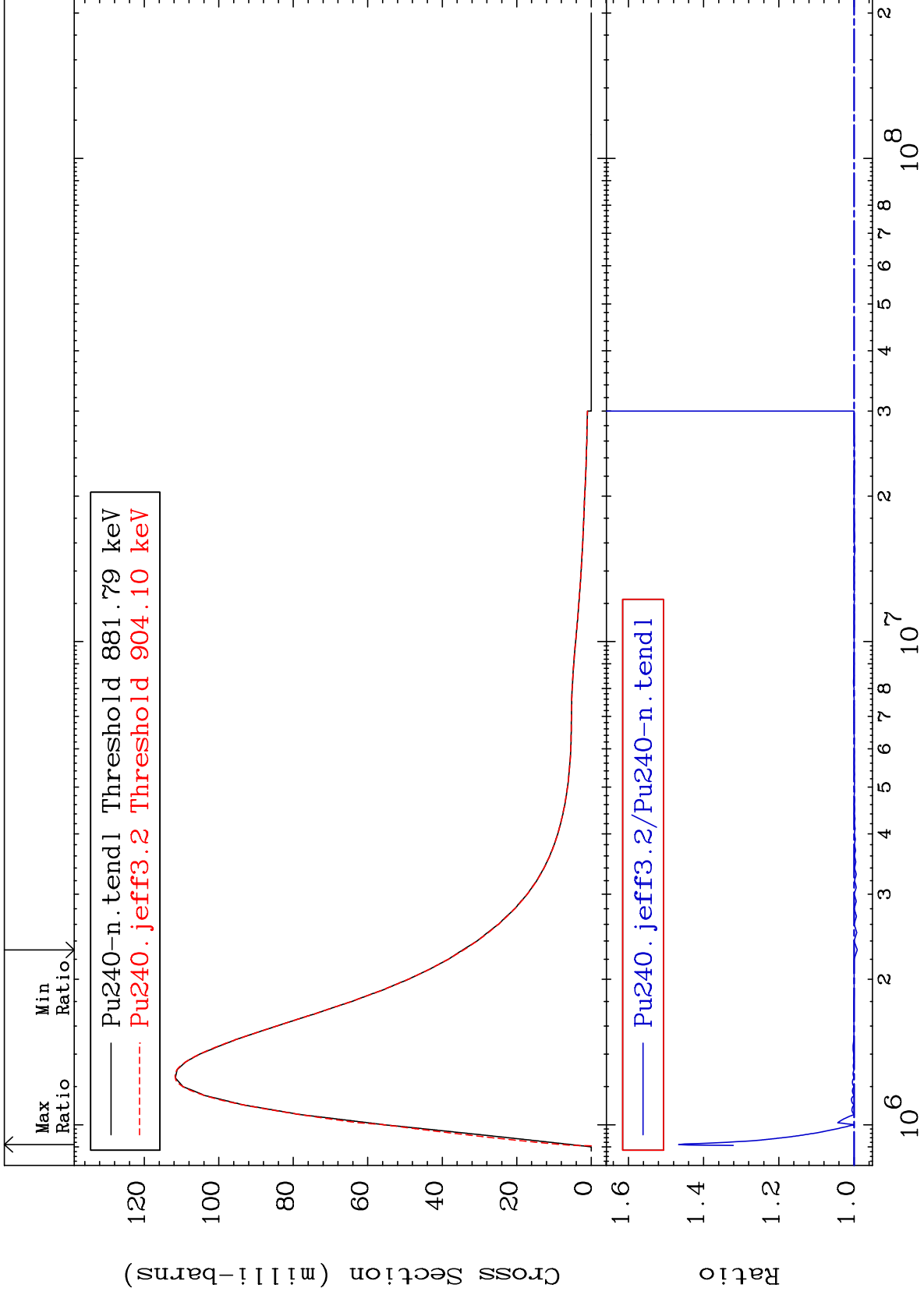
94-Pu-240
-8.691 To 9999. %



MAT 9440

878.1 keV (n,n') Level
Cross Section

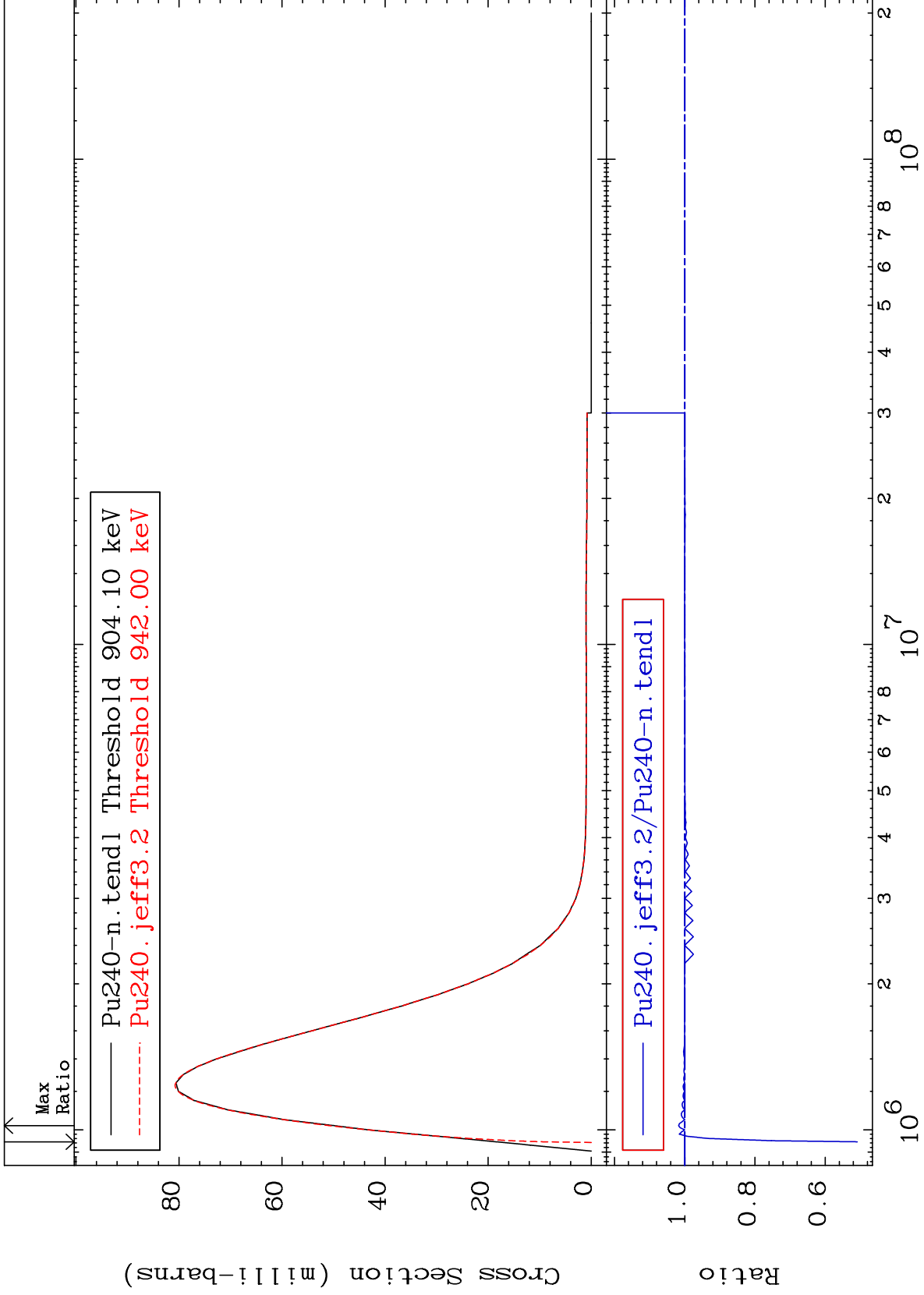
94-Pu-240
-0.841 To 46.65 %



MAT 9440

900.3 keV (n,n') Level
Cross Section

94-Pu-240
-49.11 To 1.737 %



24

94-Pu-240

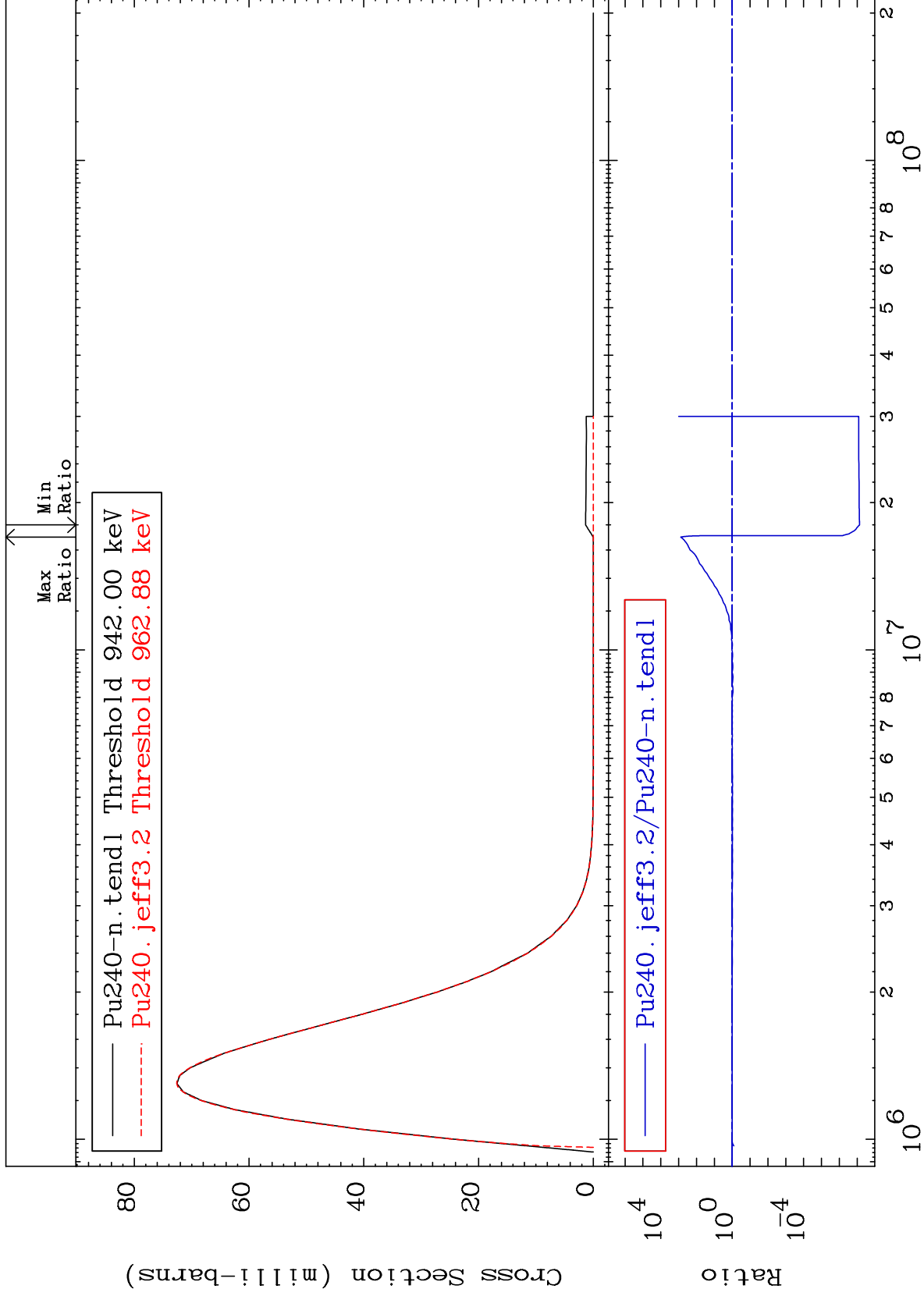
MAT 9440

938.1 keV (n,n') Level

94-Pu-240

-100.0 To 9999. %

Cross Section



25

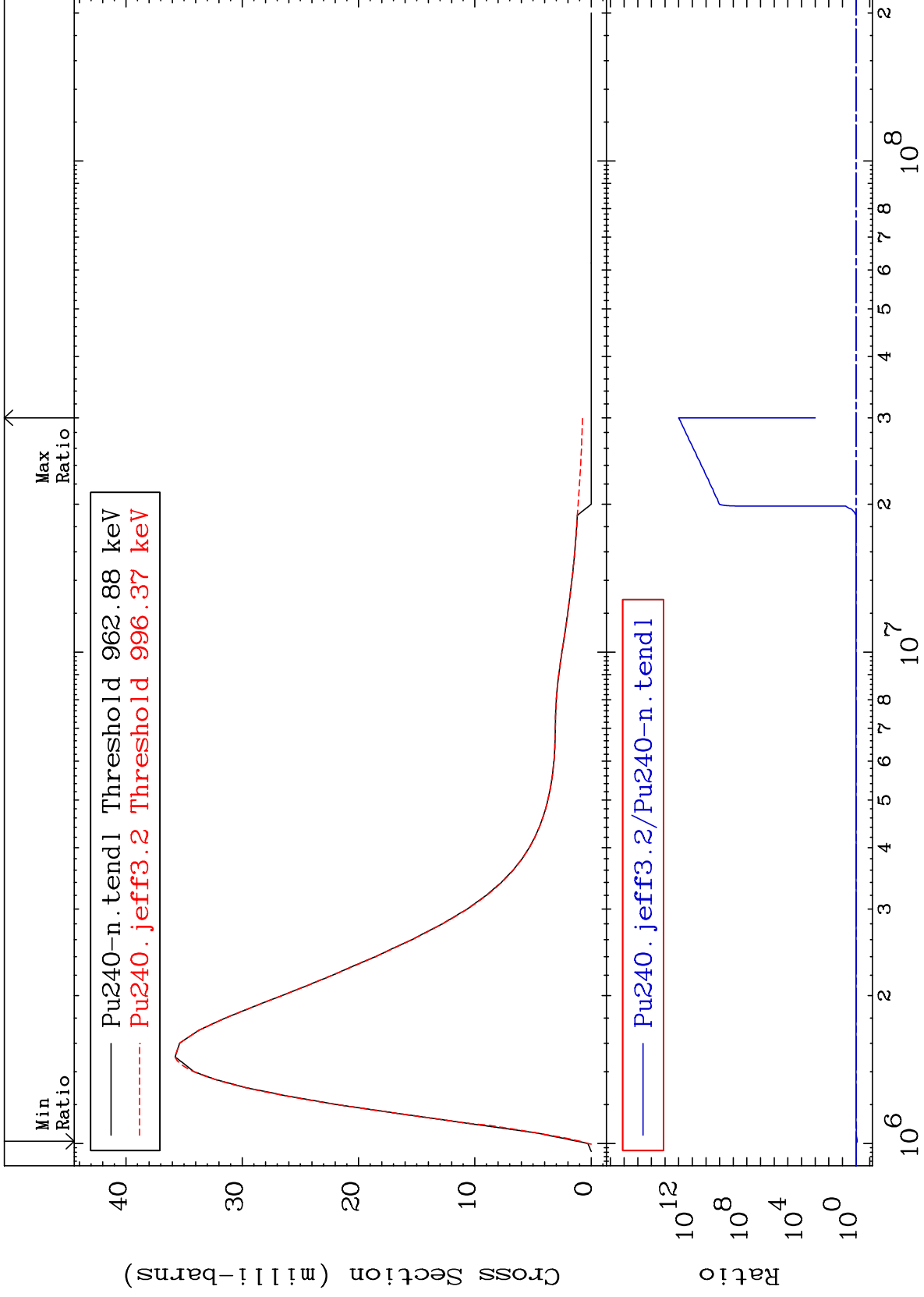
Incident Energy (eV)

94-Pu-240

MAT 9440

958.9 keV (n,n') Level
Cross Section

94-Pu-240
-17.92 To 9999. %



26

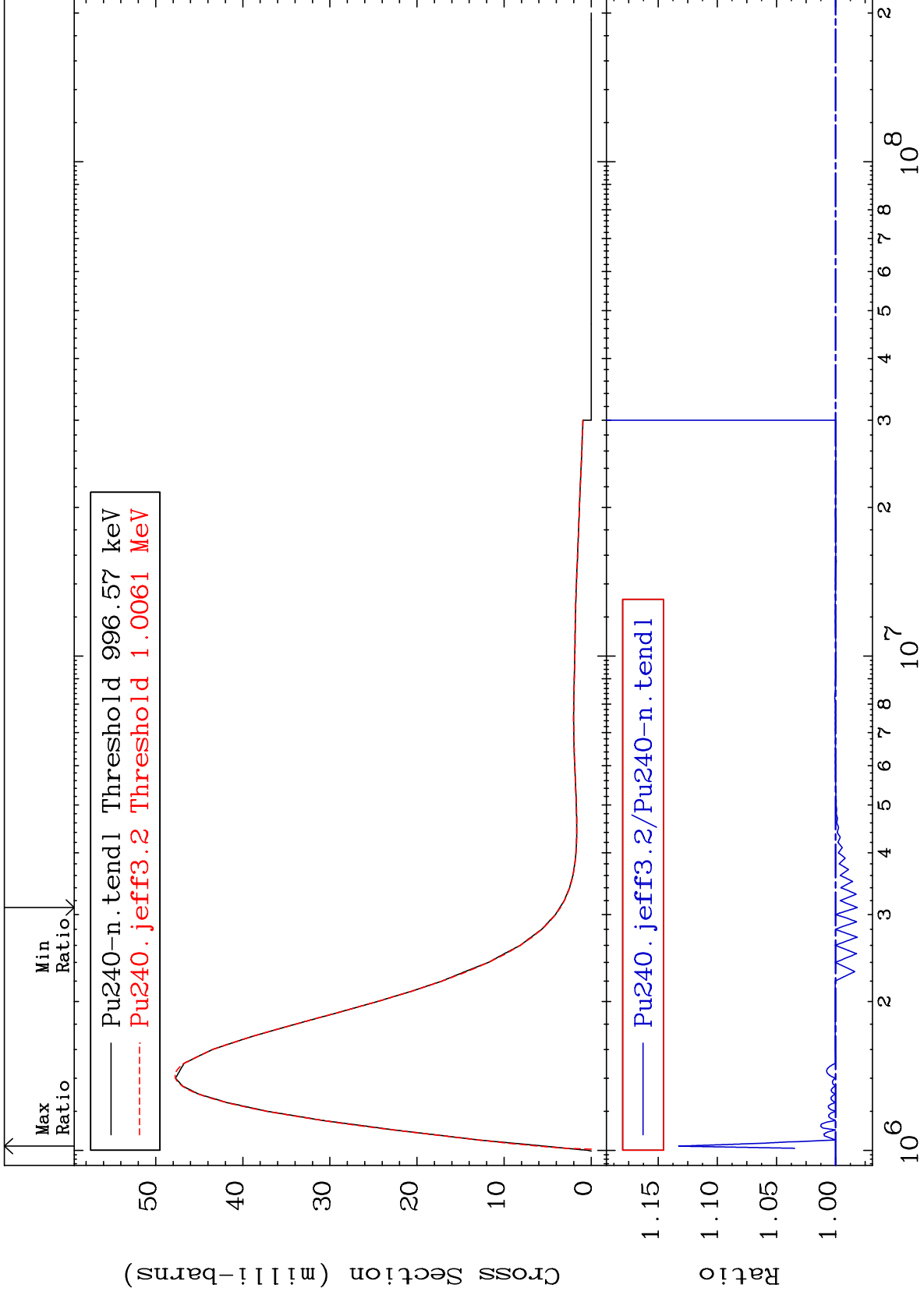
Incident Energy (eV)

94-Pu-240

MAT 9440

992.4 keV (n,n') Level
Cross Section

94-Pu-240
-1.834 To 13.27 %



27

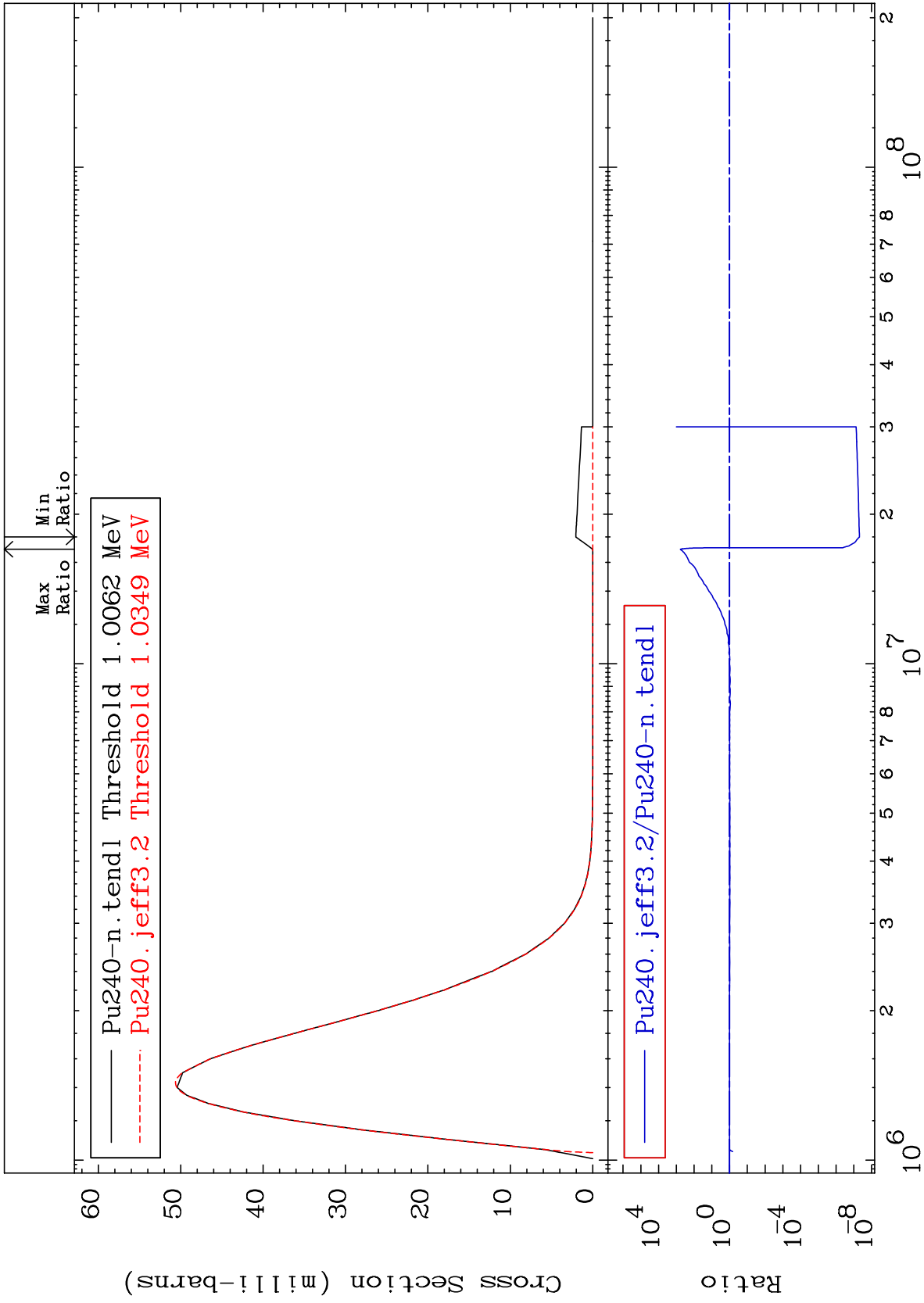
Incident Energy (eV)

94-Pu-240

MAT 9440

1.002 MeV (n,n') Level
Cross Section

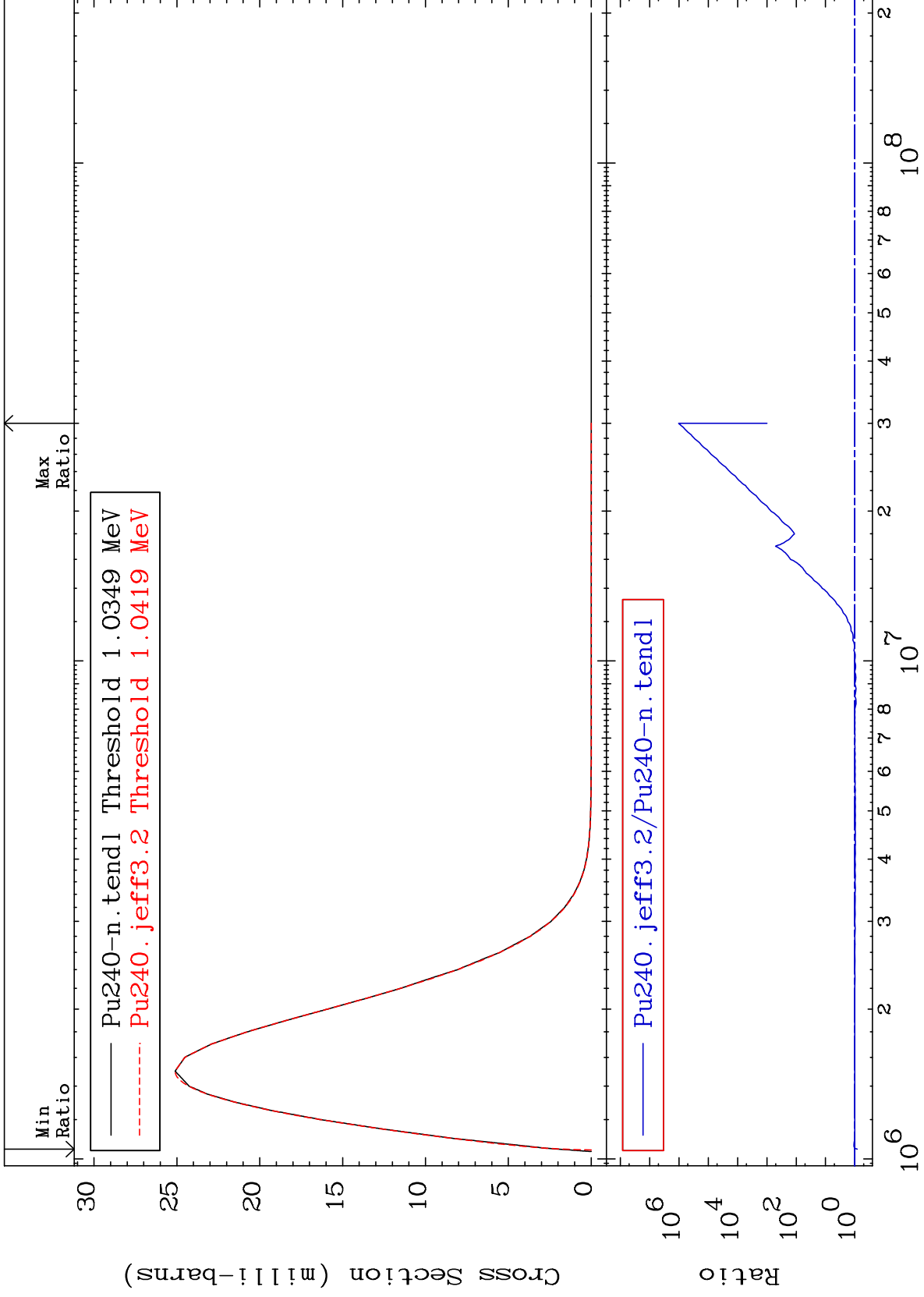
94-Pu-240
-100.0 To 9999. %



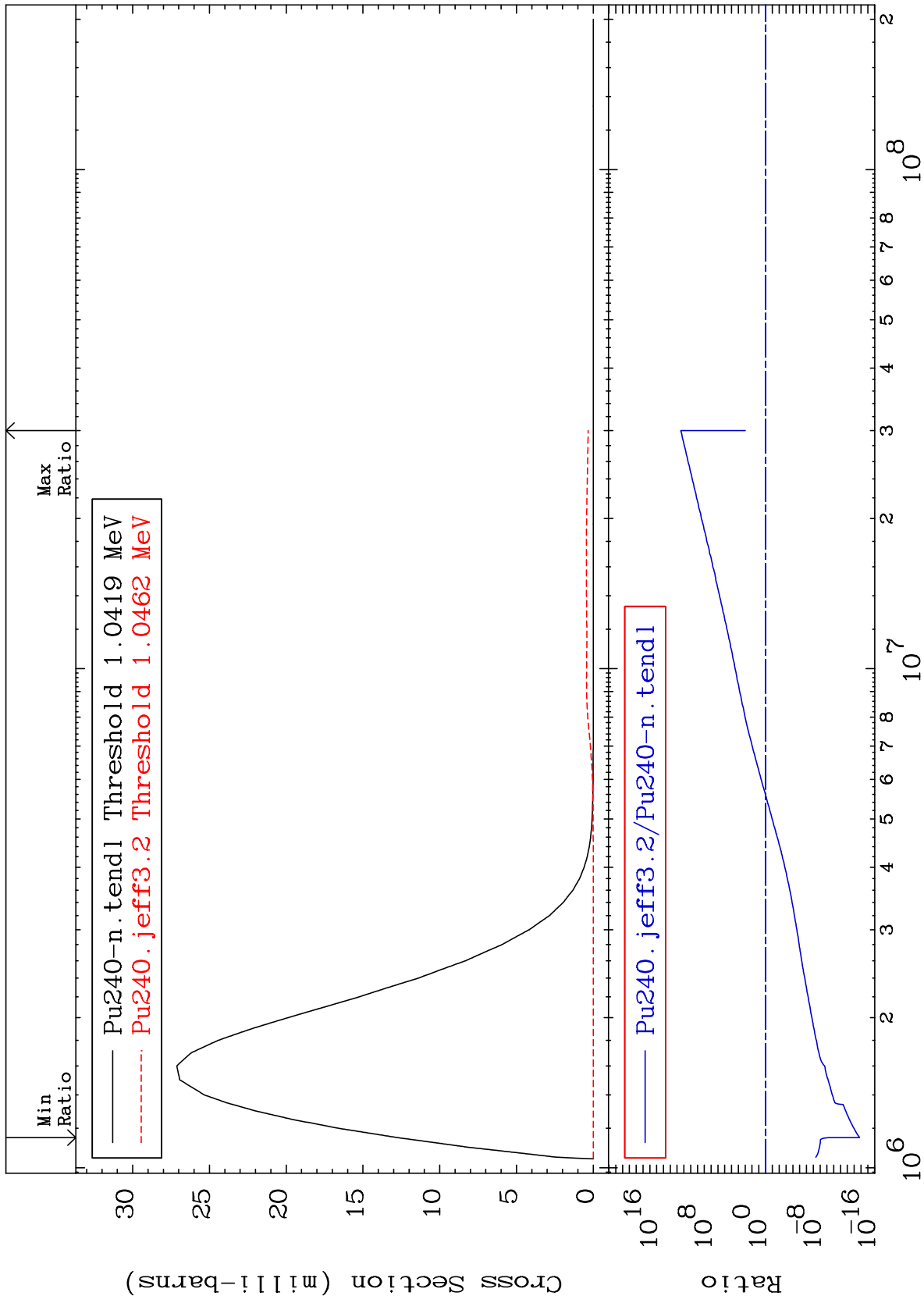
MAT 9440

1.031 MeV (n,n') Level
Cross Section

94-Pu-240
-17.31 To 9999. %



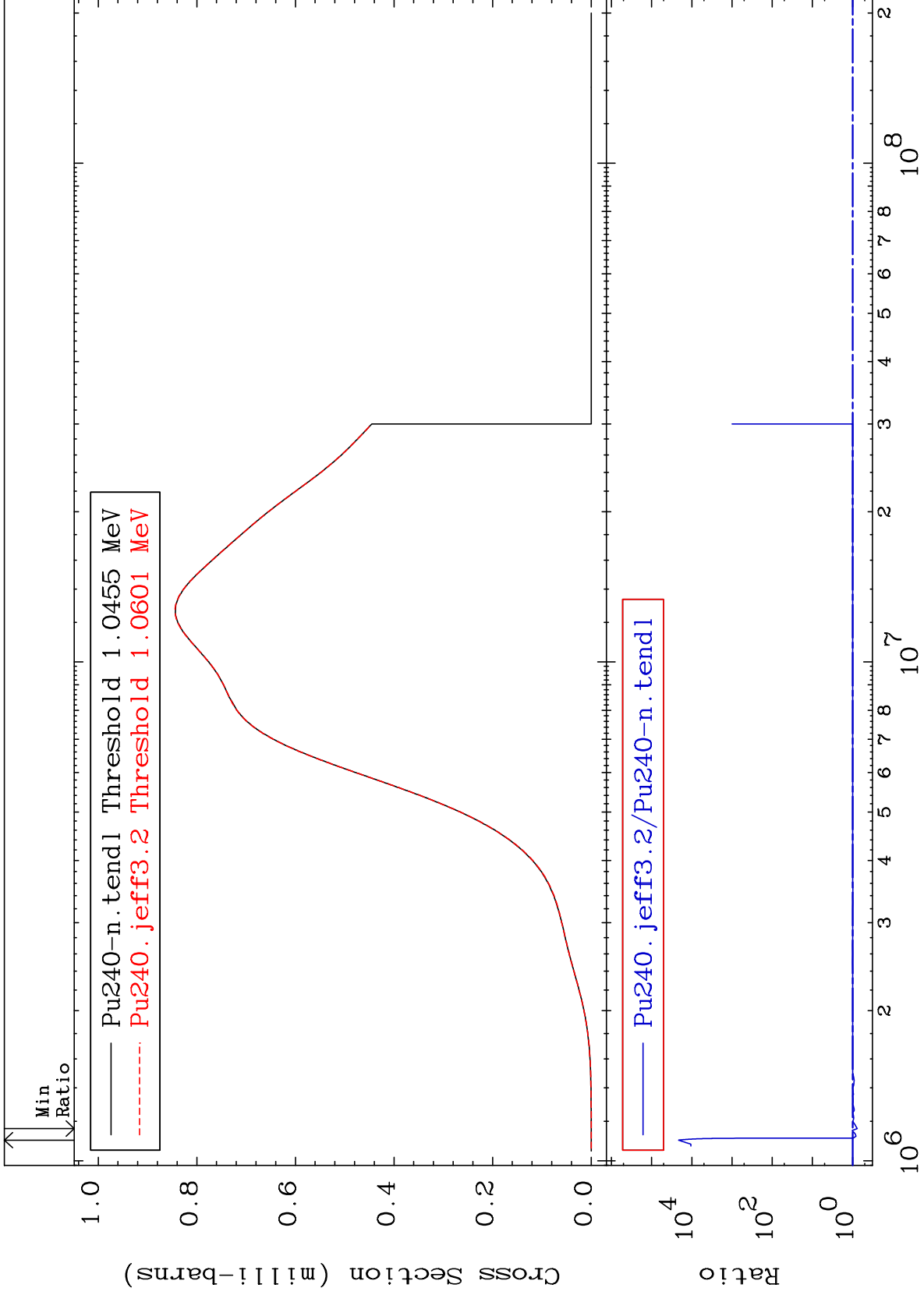
MAT 9440 1.038 MeV (n,n') Level 94-Pu-240
 Cross Section -100.0 To 9999. %



MAT 9440

1.041 MeV (n,n') Level
Cross Section

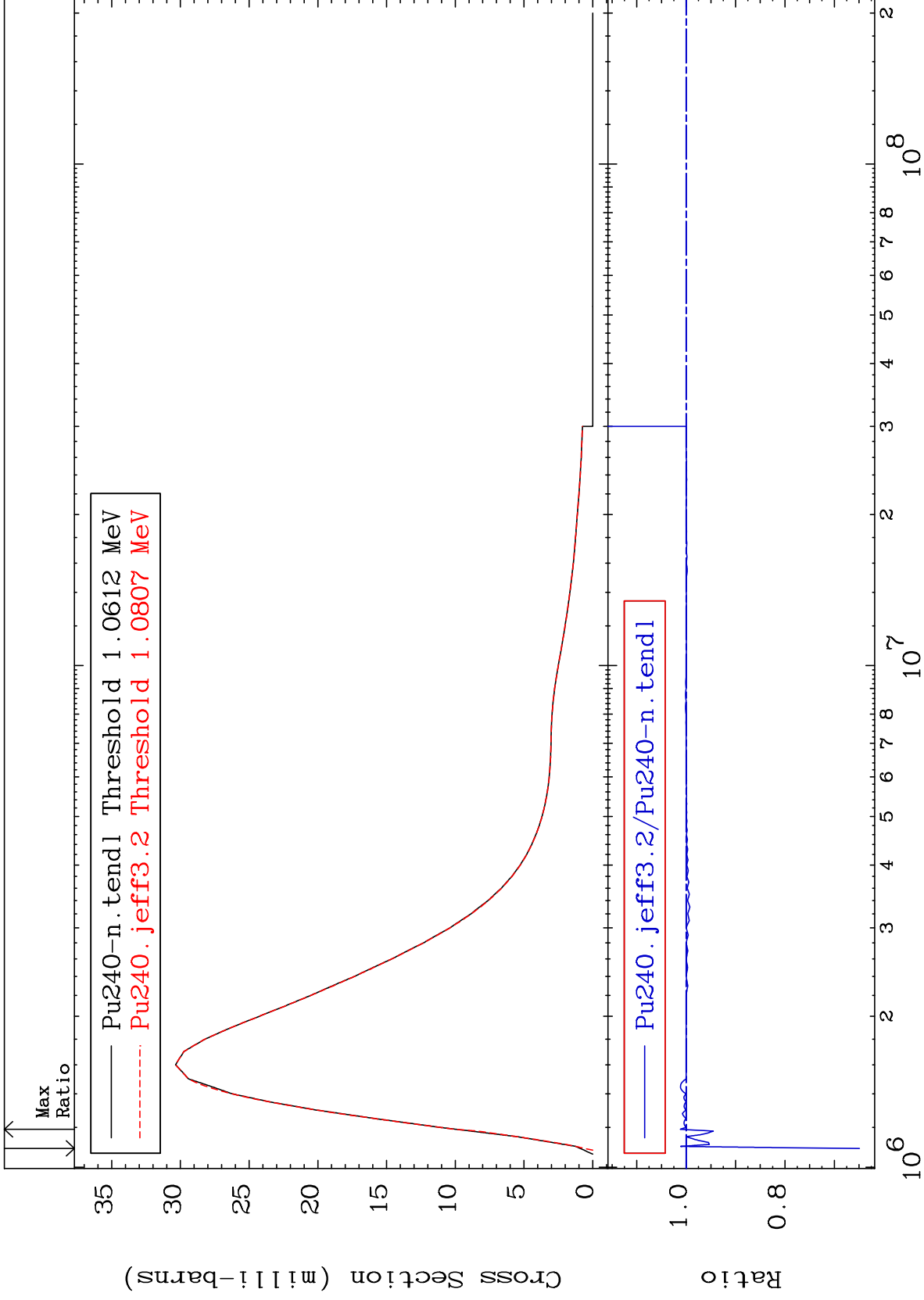
94-Pu-240
-23.33 To 9999. %



MAT 9440

1.057 MeV (n,n') Level
Cross Section

94-Pu-240
-35.08 To 1.176 %



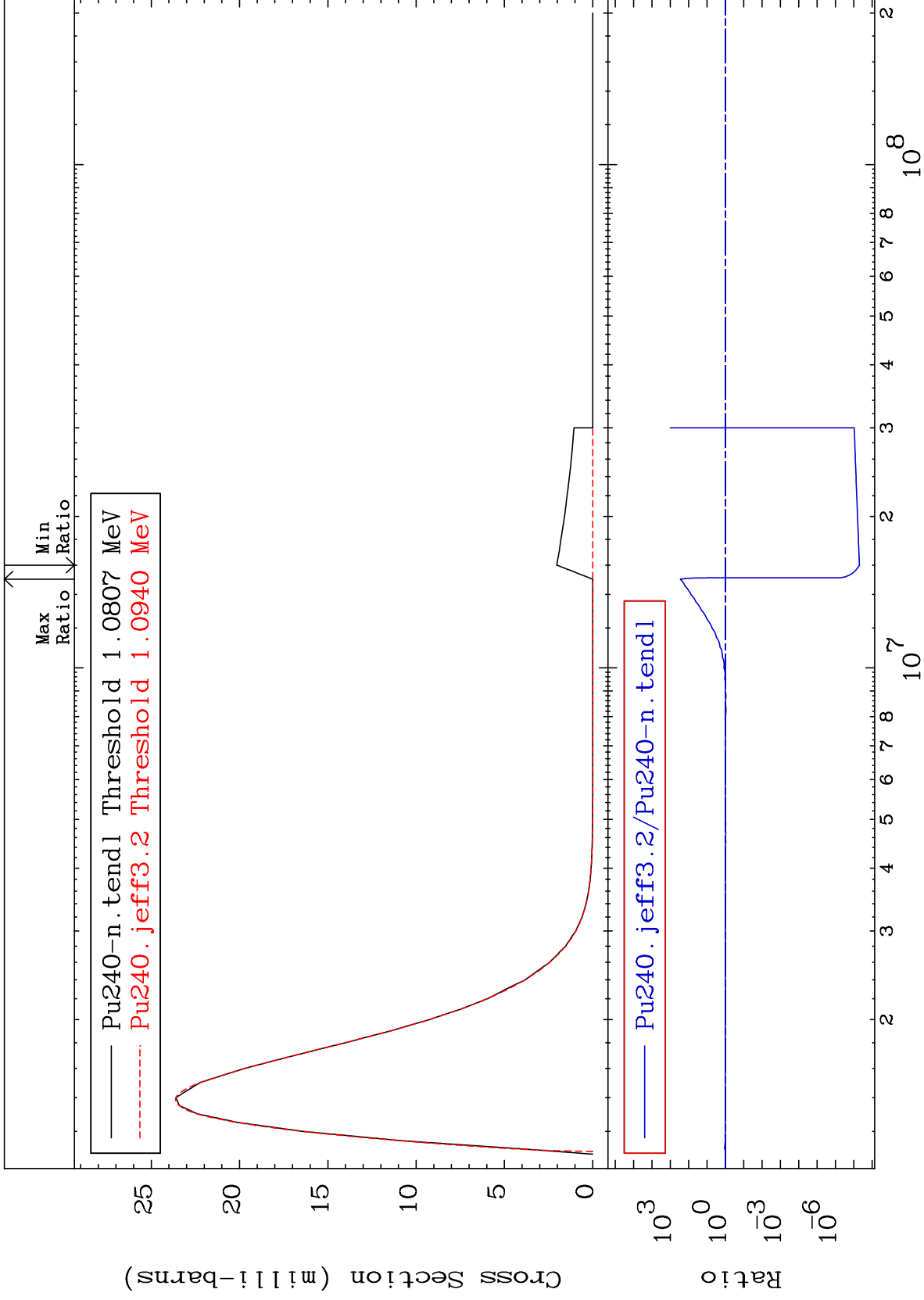
32

94-Pu-240

MAT 9440

1.076 MeV (n,n') Level
Cross Section

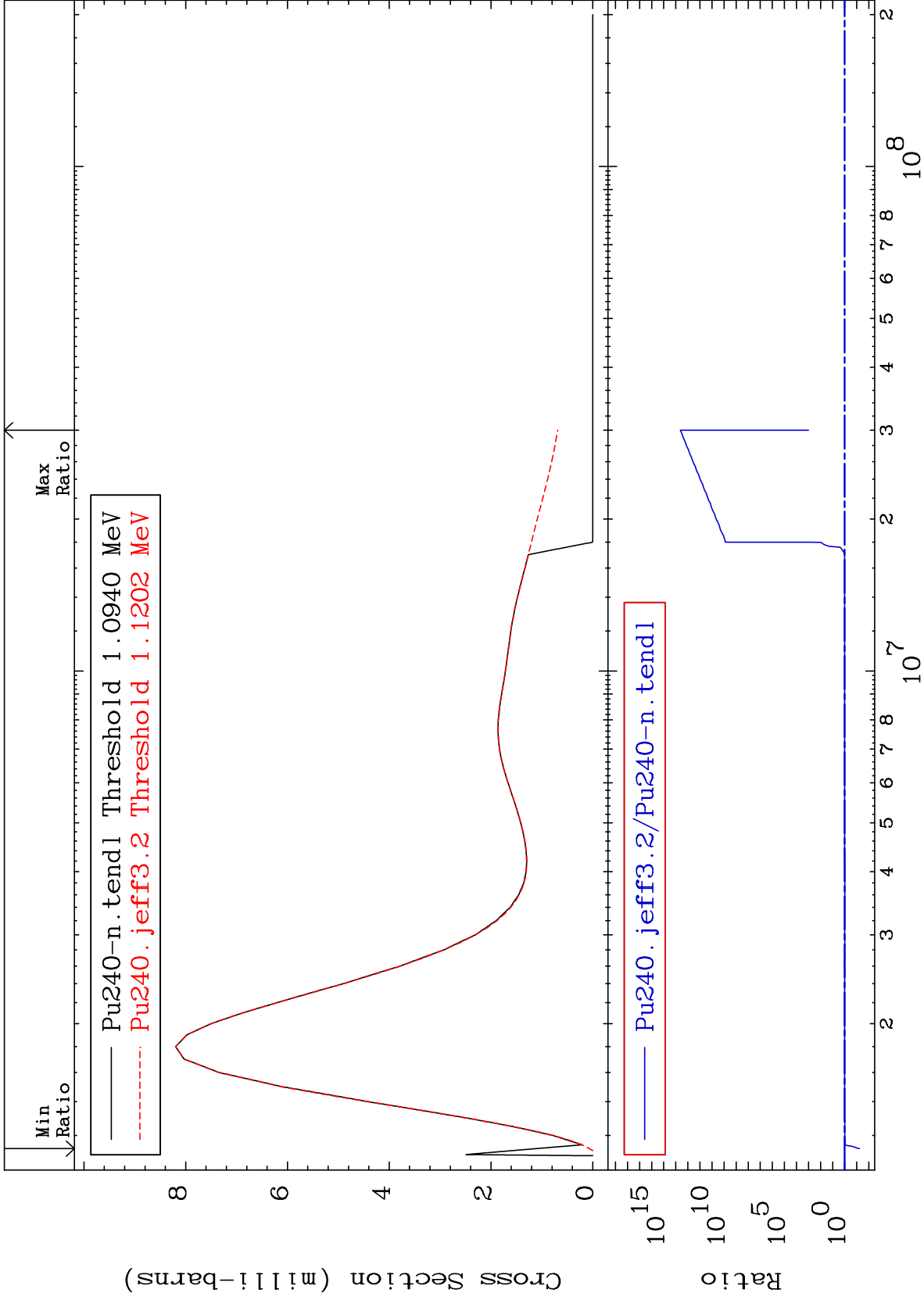
94-Pu-240
-100.0 To 9999. %

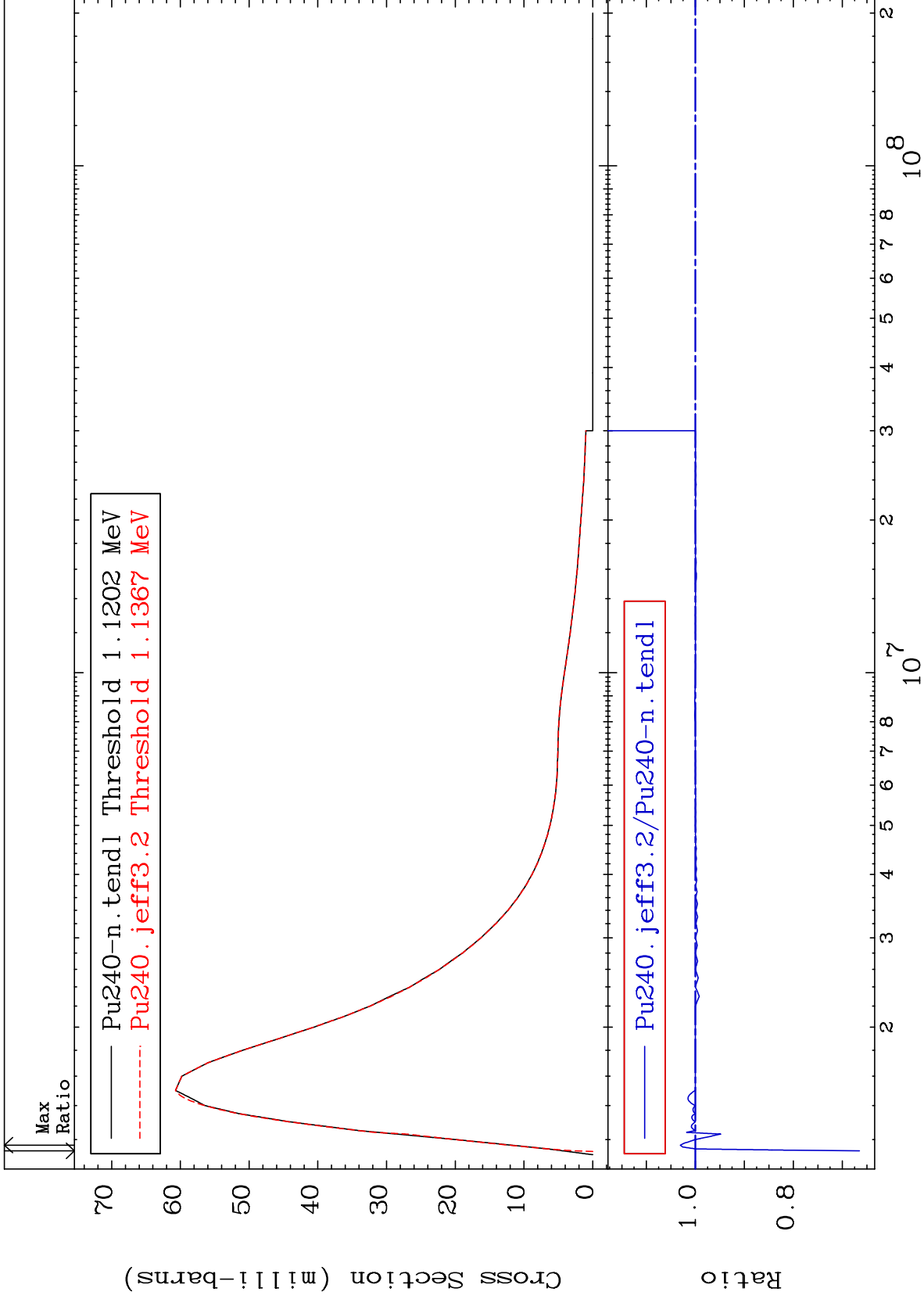


MAT 9440

1.089 MeV (n,n') Level
Cross Section

94-Pu-240
-93.97 To 9999. %

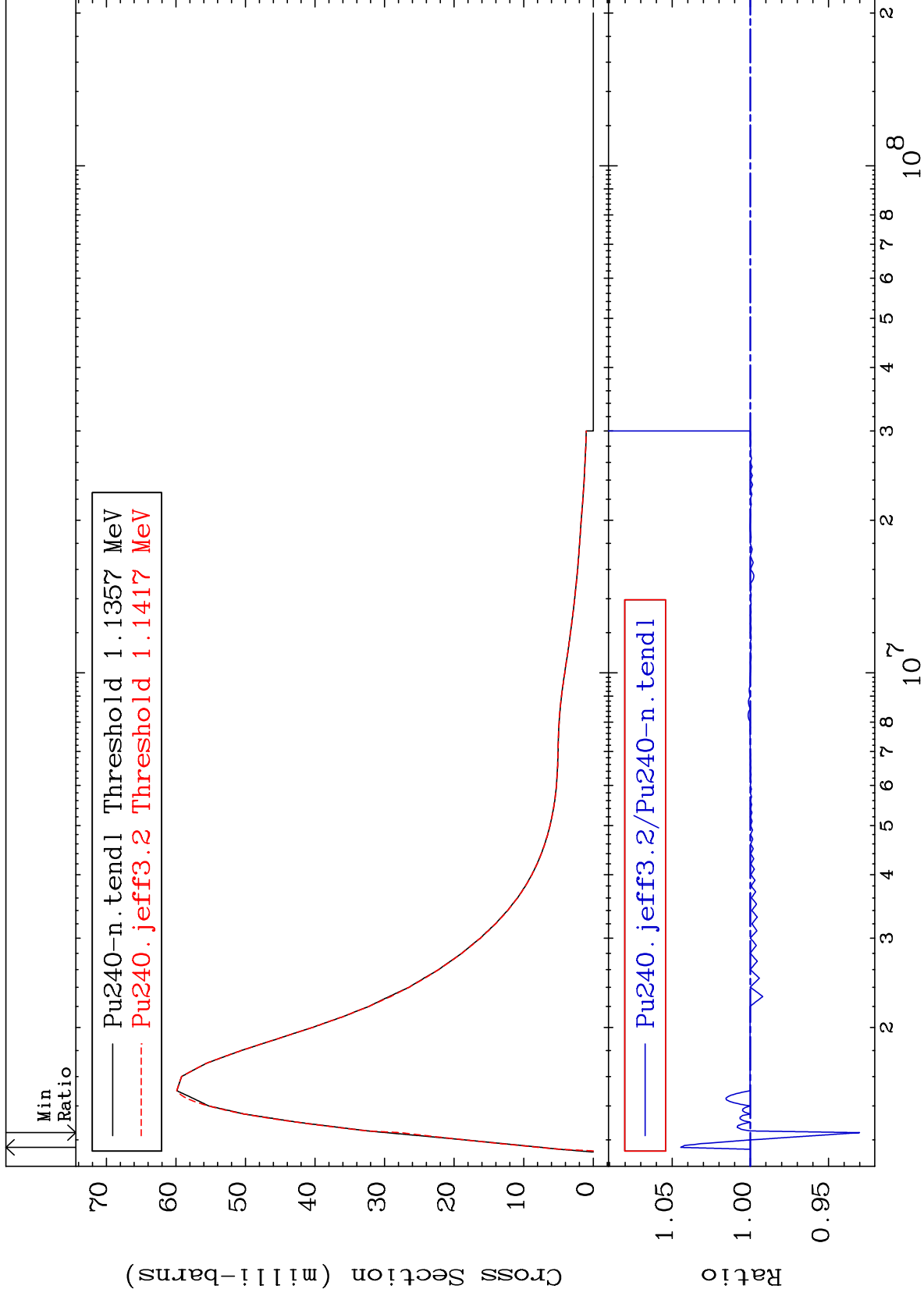




MAT 9440

1.131 MeV (n,n') Level
Cross Section

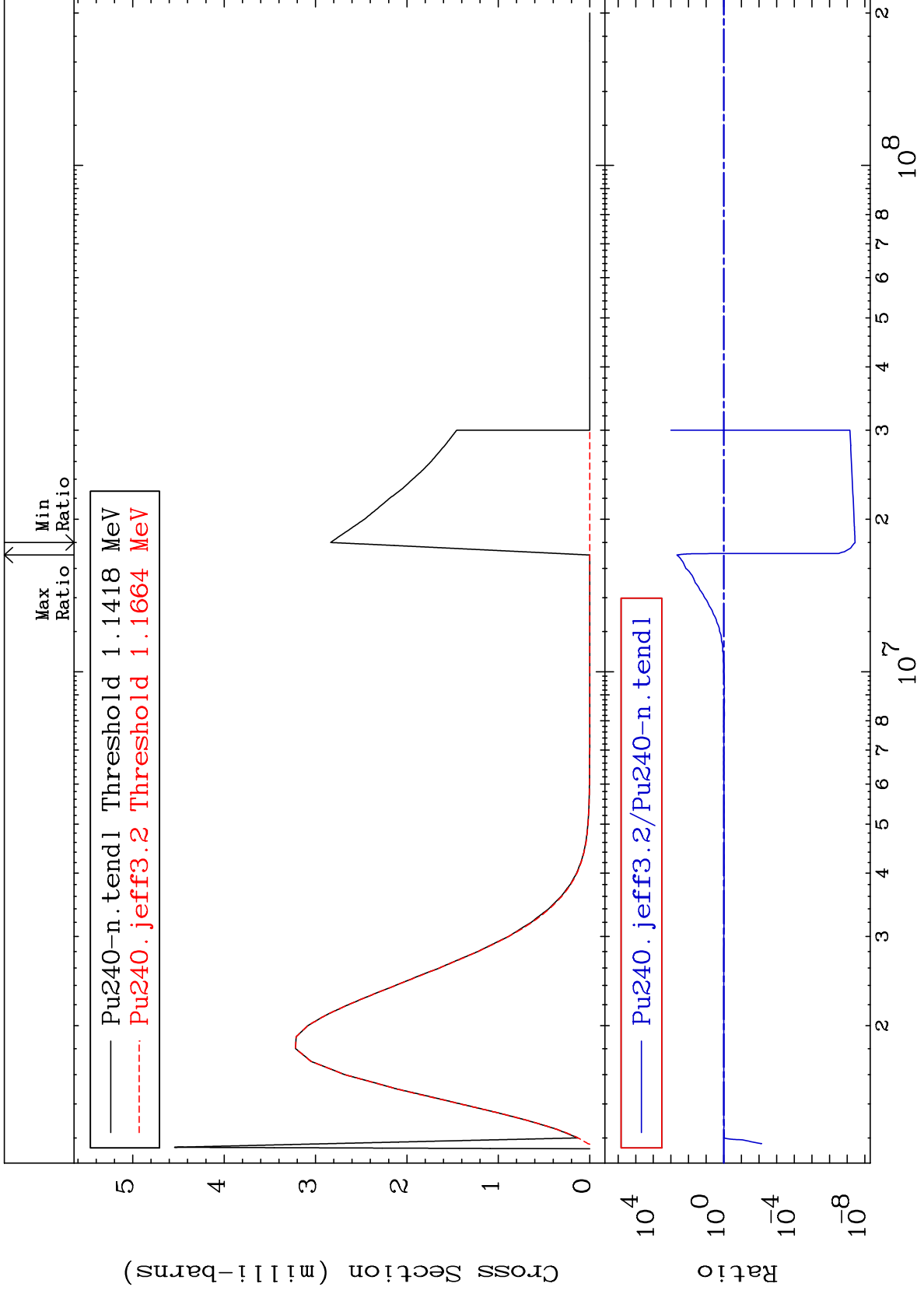
94-Pu-240
-6.982 To 4.445 %



MAT 9440

1.137 MeV (n,n') Level
Cross Section

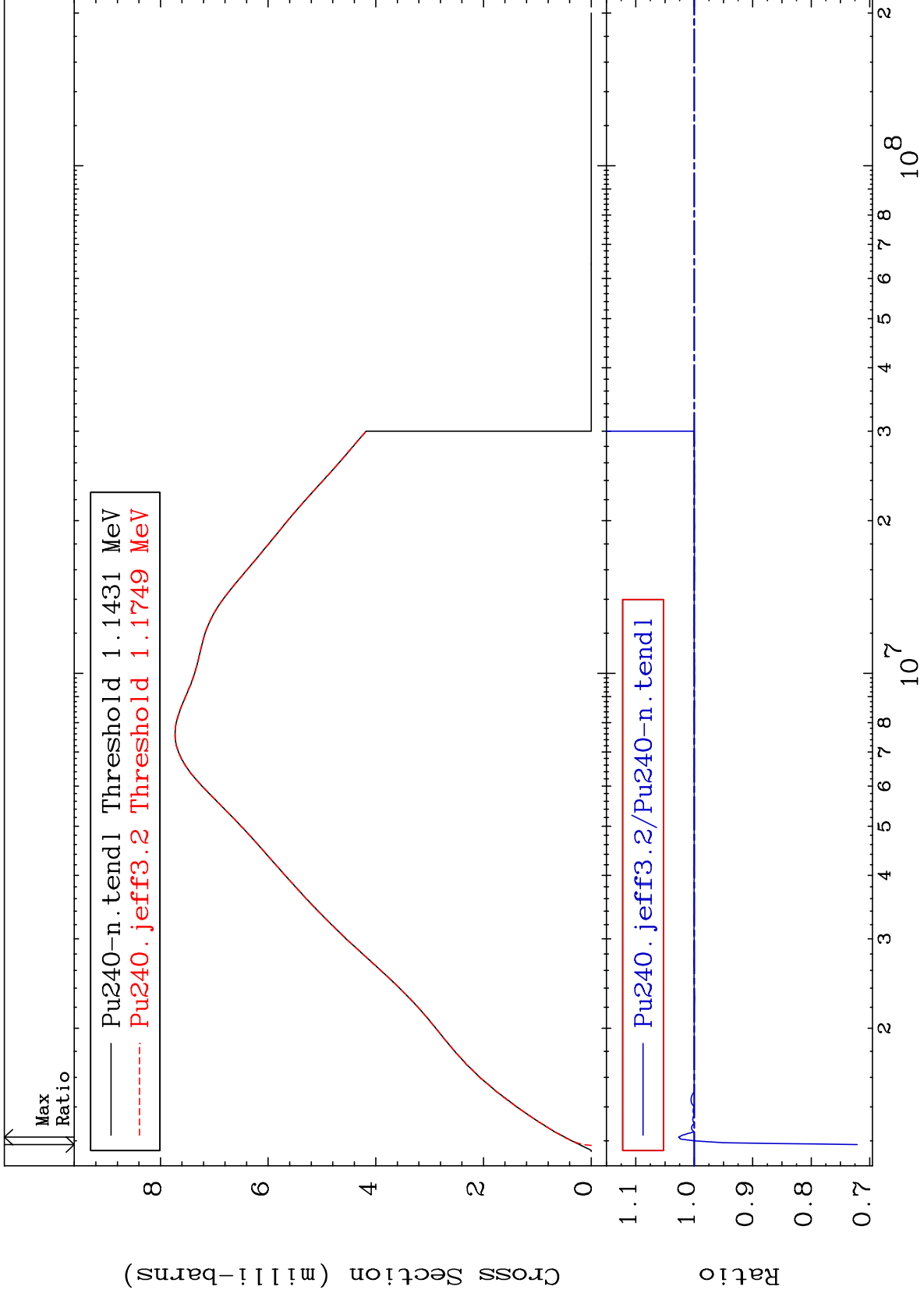
94-Pu-240
-100.0 To 9999. %



MAT 9440

1.138 MeV (n,n') Level
Cross Section

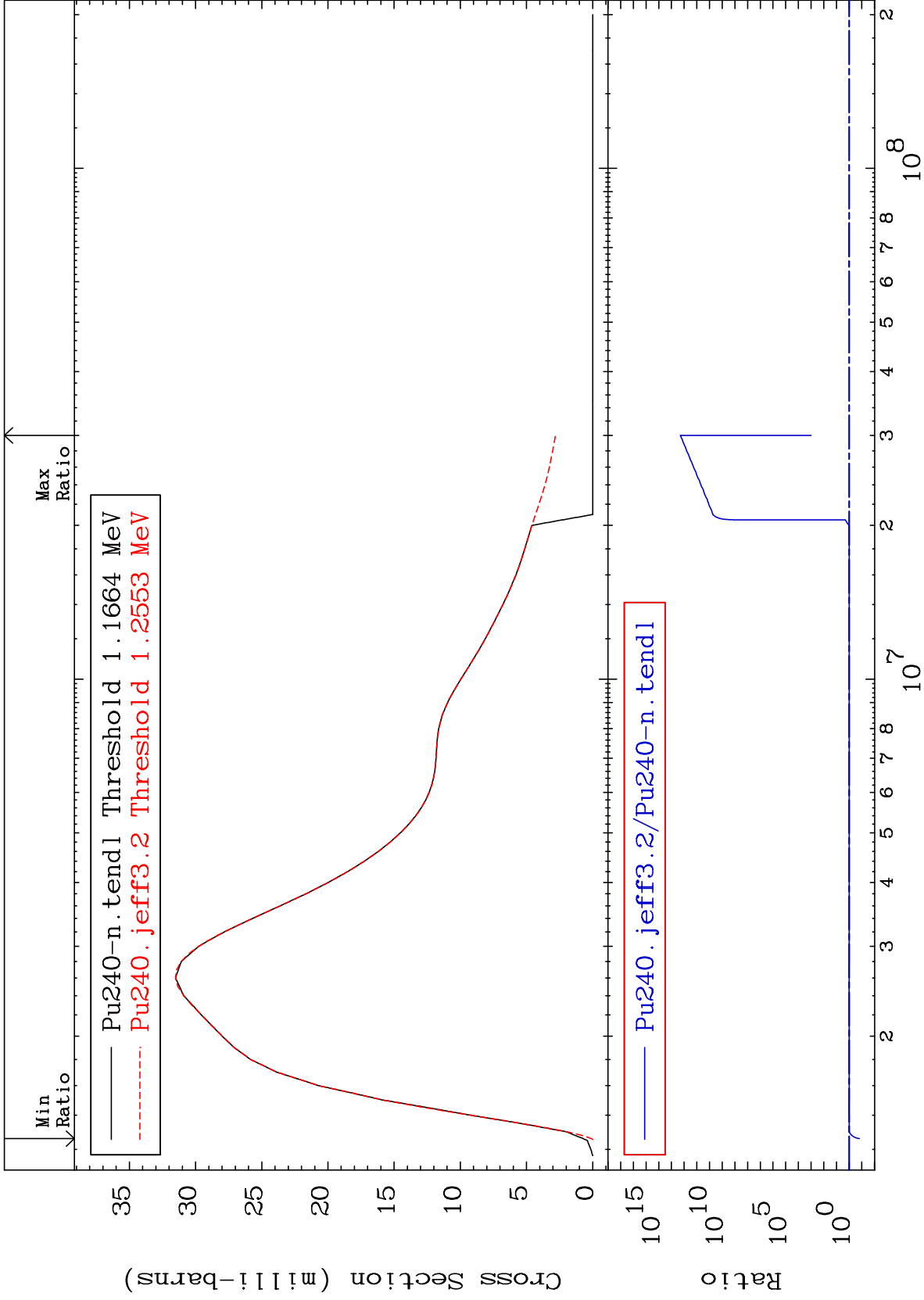
94-Pu-240
-27.88 To 2.669 %



MAT 9440

1.162 MeV (n,n') Level
Cross Section

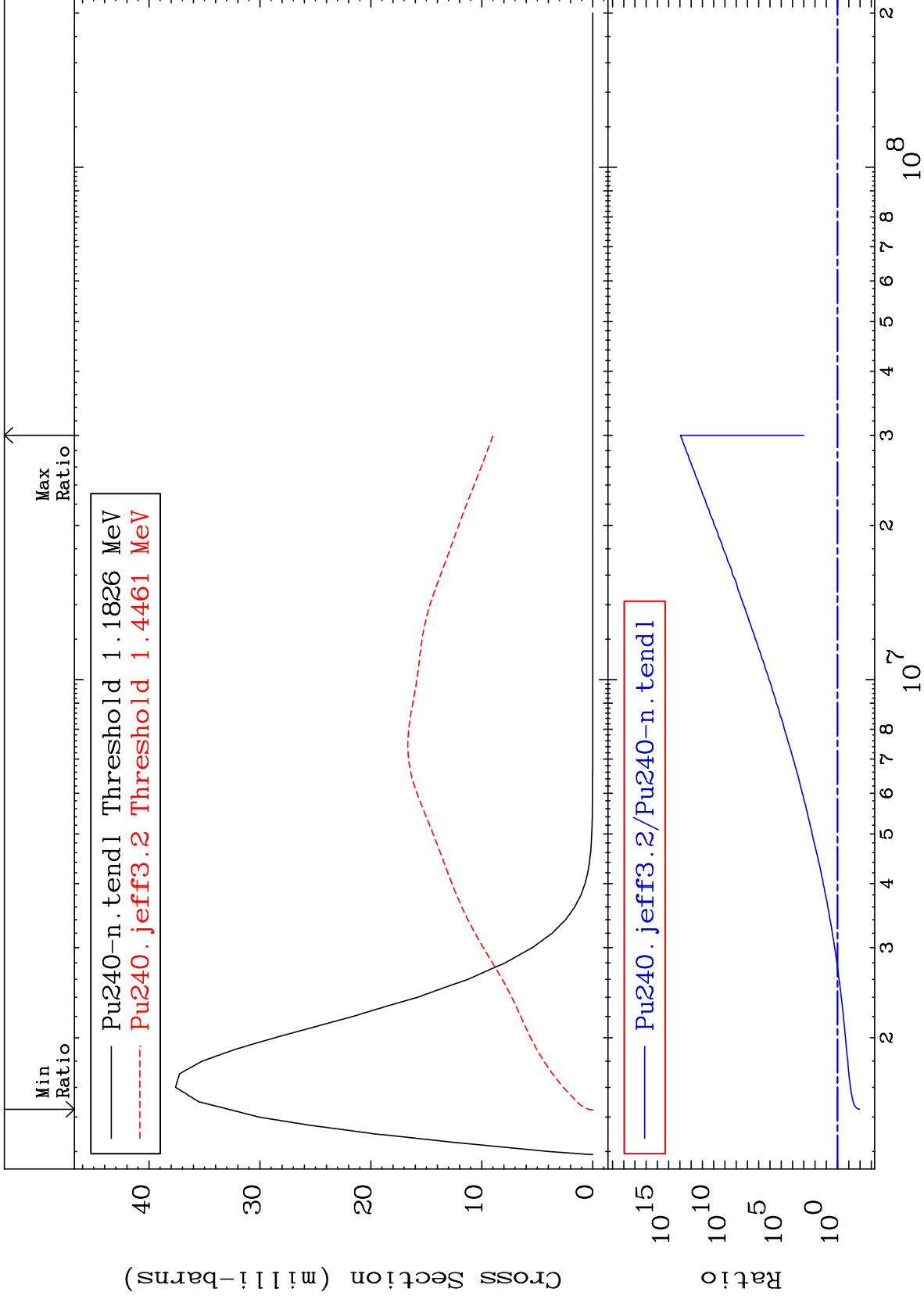
94-Pu-240
-84.58 To 9999. %



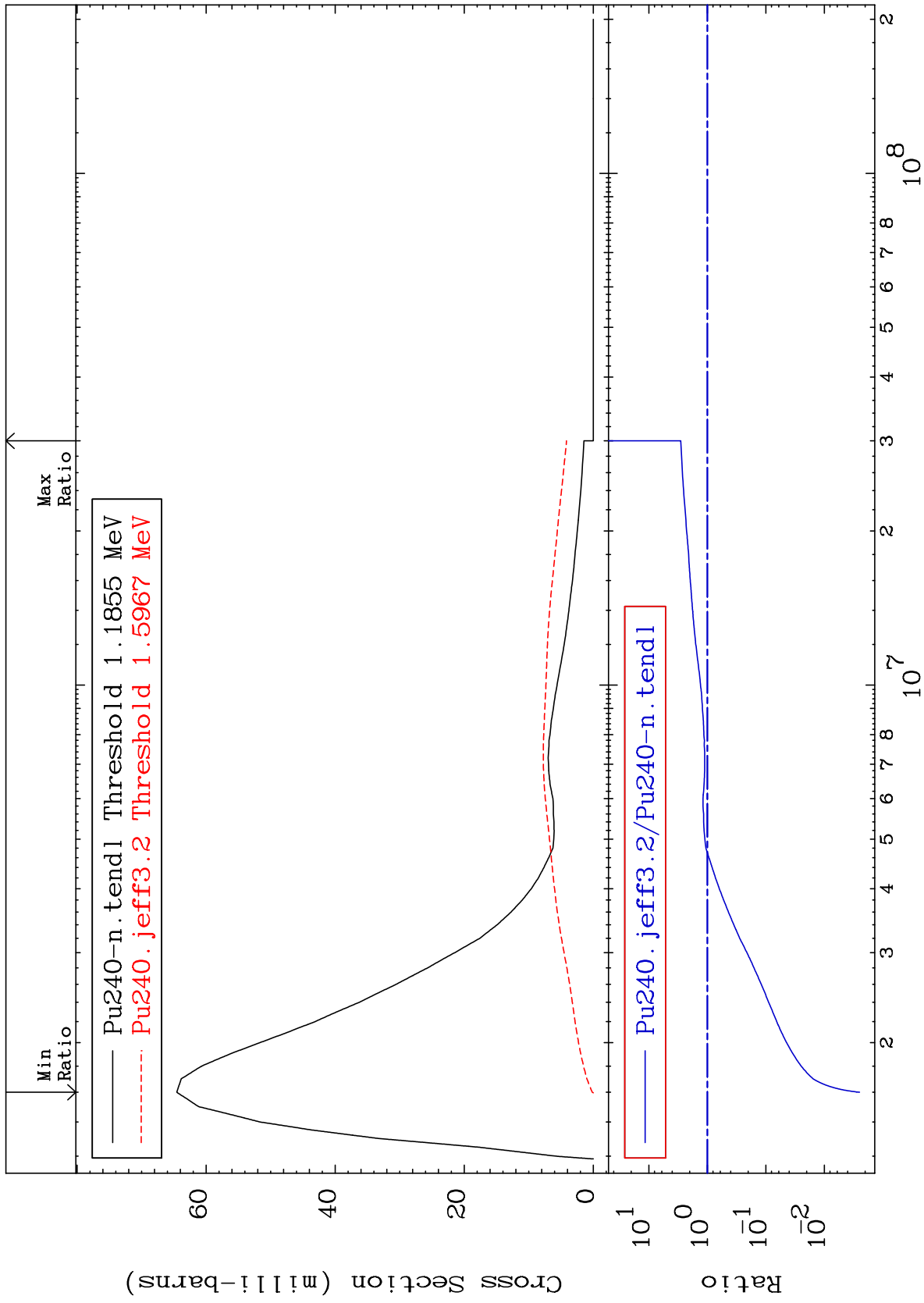
MAT 9440

1.178 MeV (n,n') Level
Cross Section

94-Pu-240
-98.87 To 9999. %



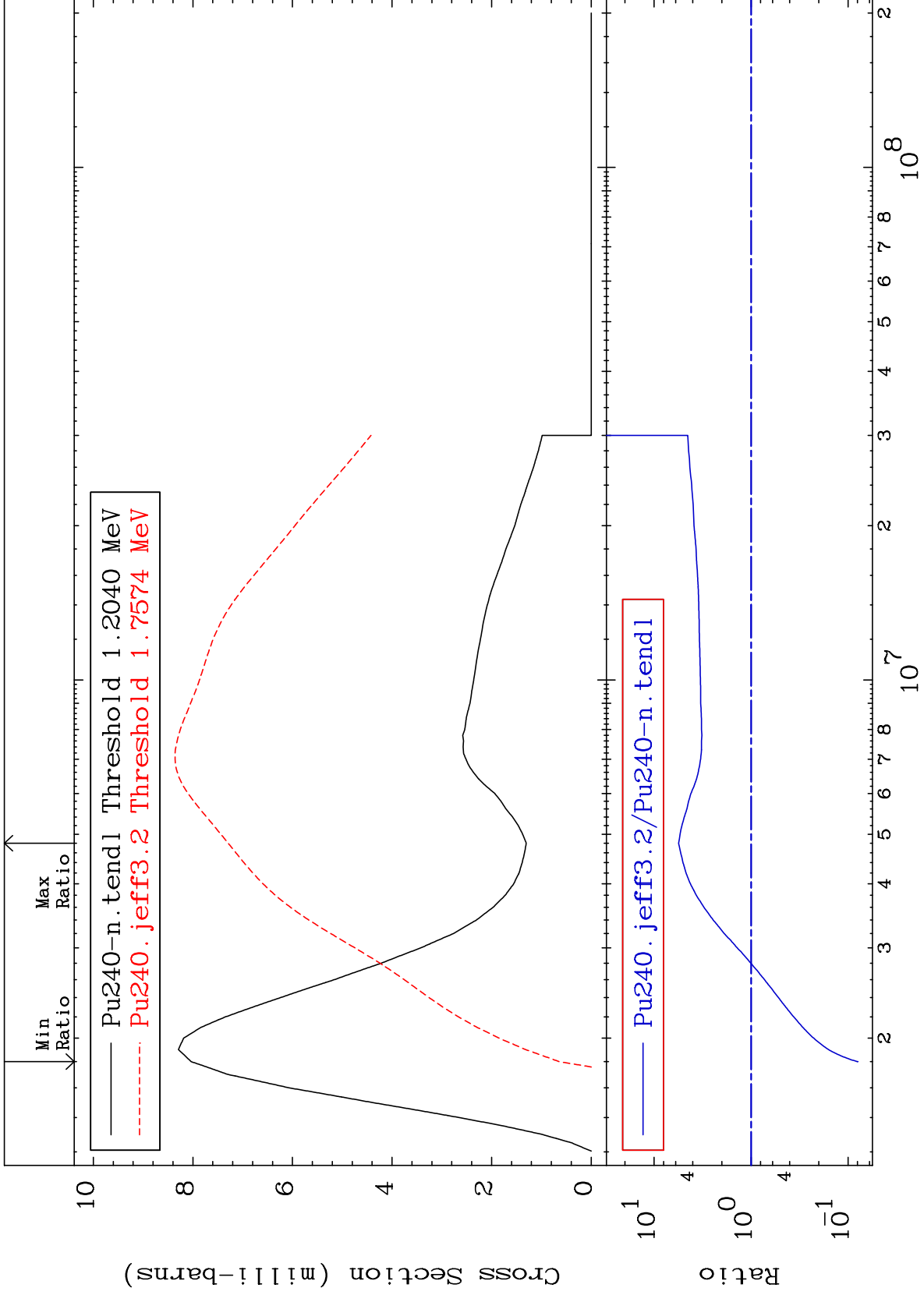
MAT 9440 1.180 MeV (n,n') Level Cross Section 94-Pu-240 -99.75 To 184.9 %



MAT 9440

1.199 MeV (n,n') Level
Cross Section

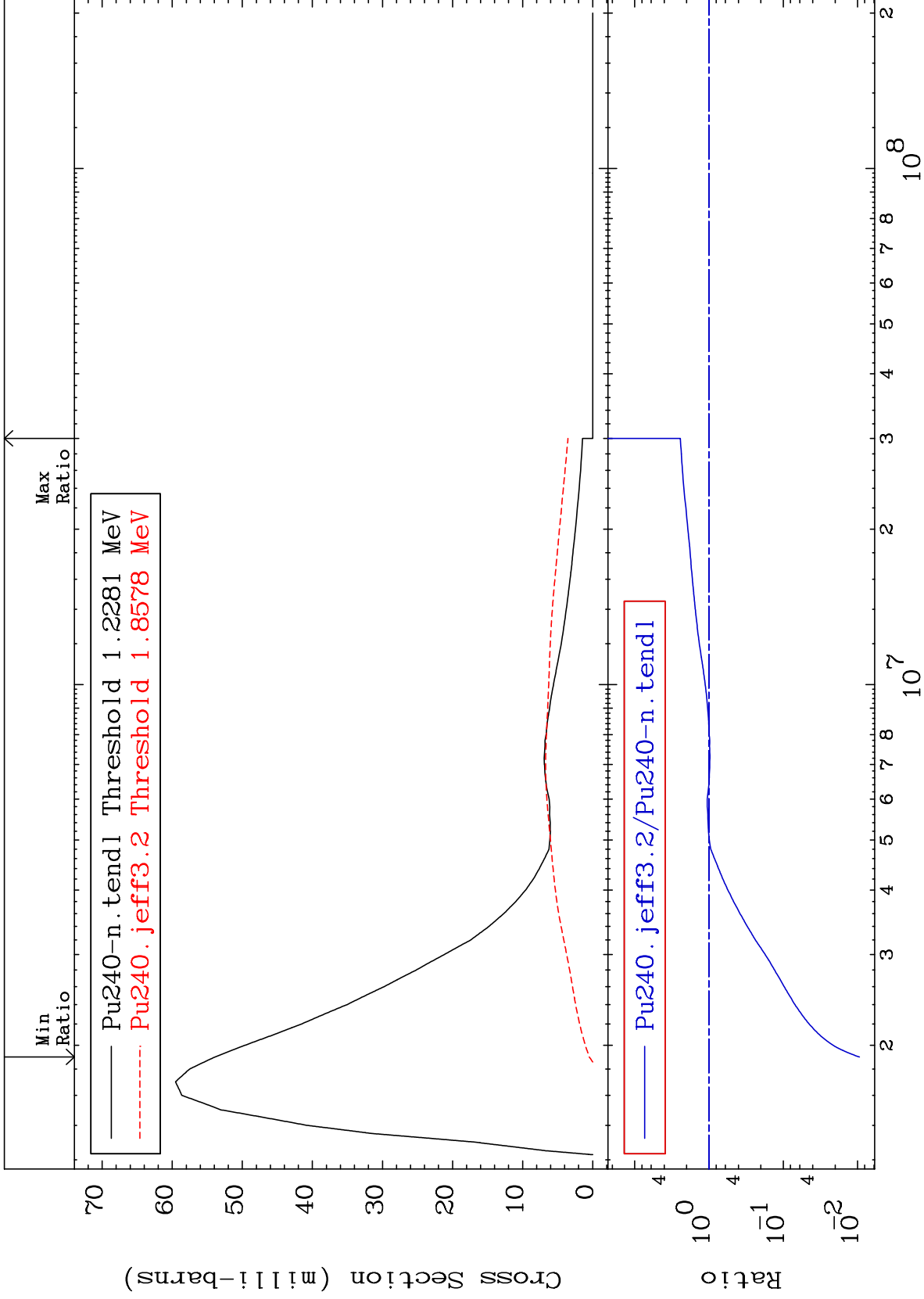
94-Pu-240
-91.96 To 458.8 %

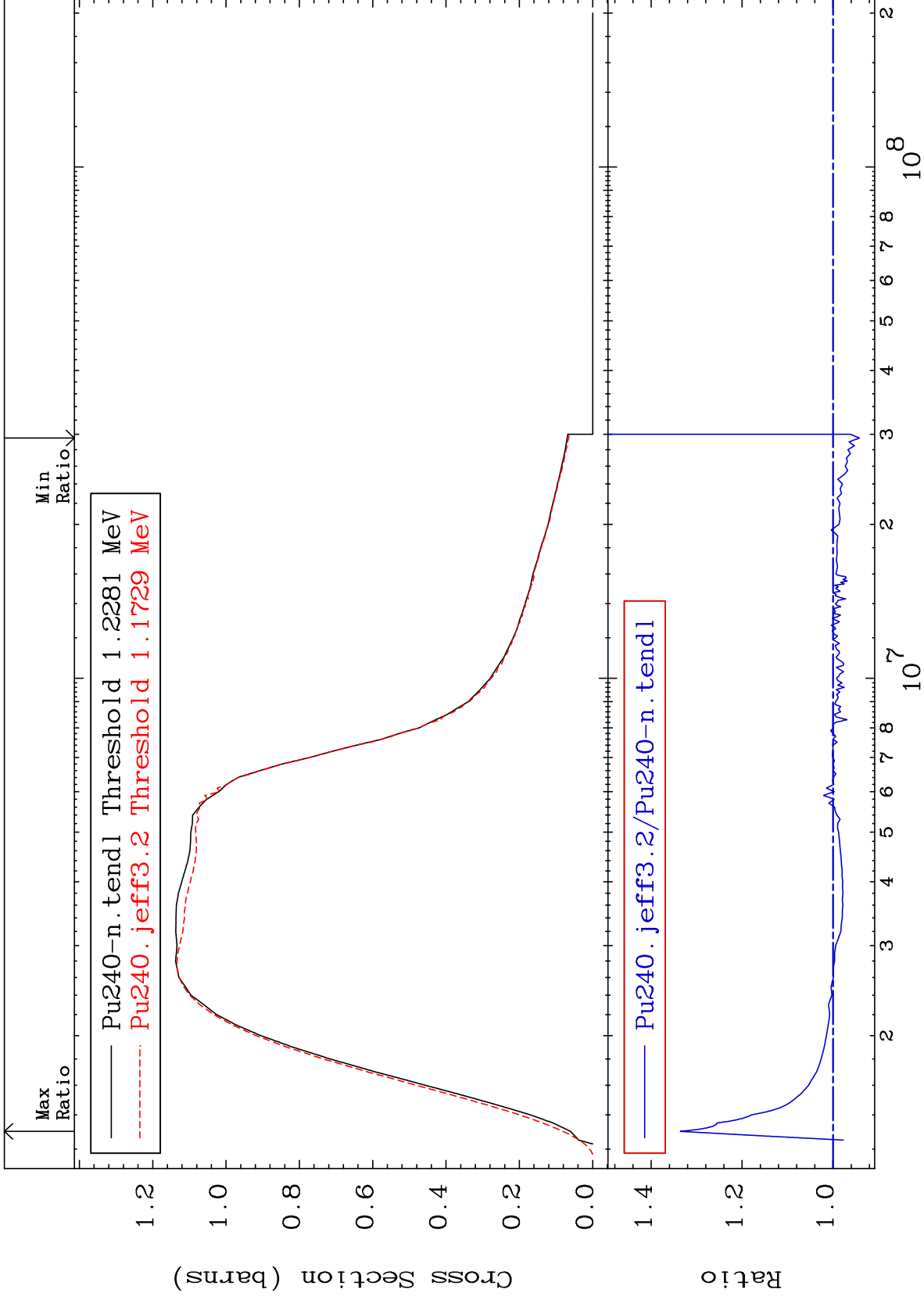


MAT 9440

1.223 MeV (n,n') Level
Cross Section

94-Pu-240
-99.06 To 142.5 %





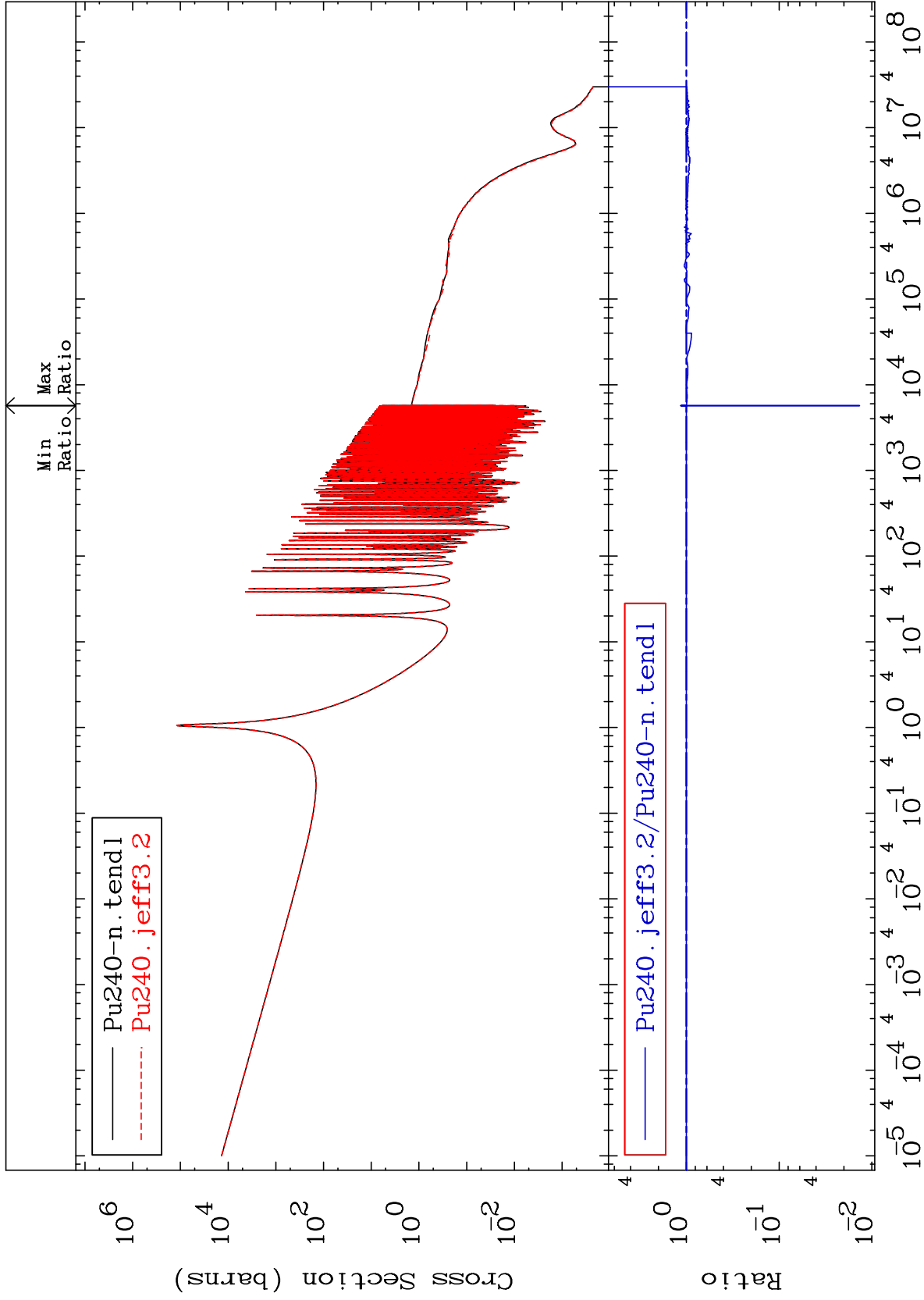
MAT 9440

(n, γ)

94-Pu-240

Cross Section

-98.64 To 15.02 %



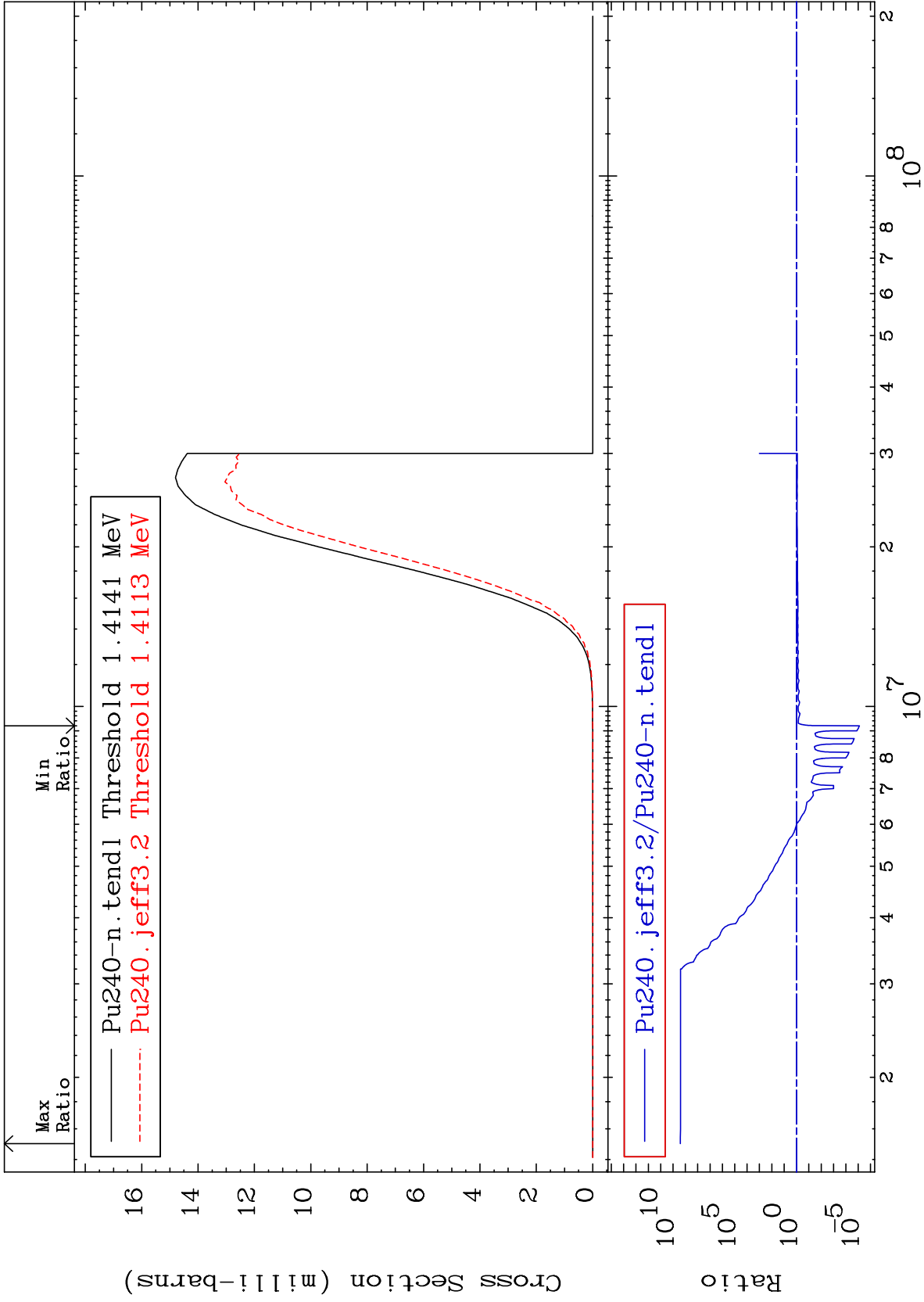
MAT 9440

(n,p)

94-Pu-240

Cross Section

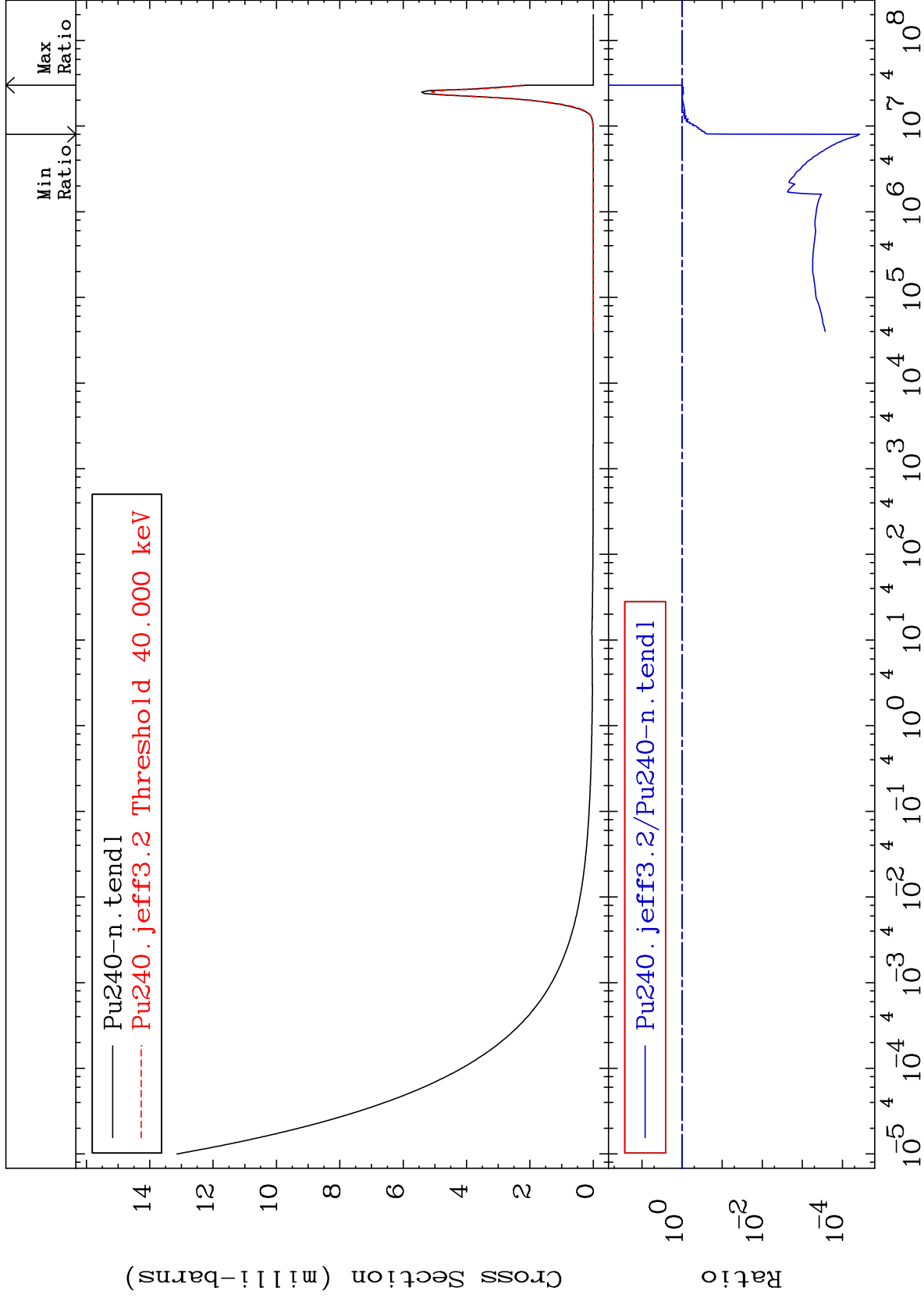
-100.0 To 9999. %



MAT 9440

(n, α)
Cross Section

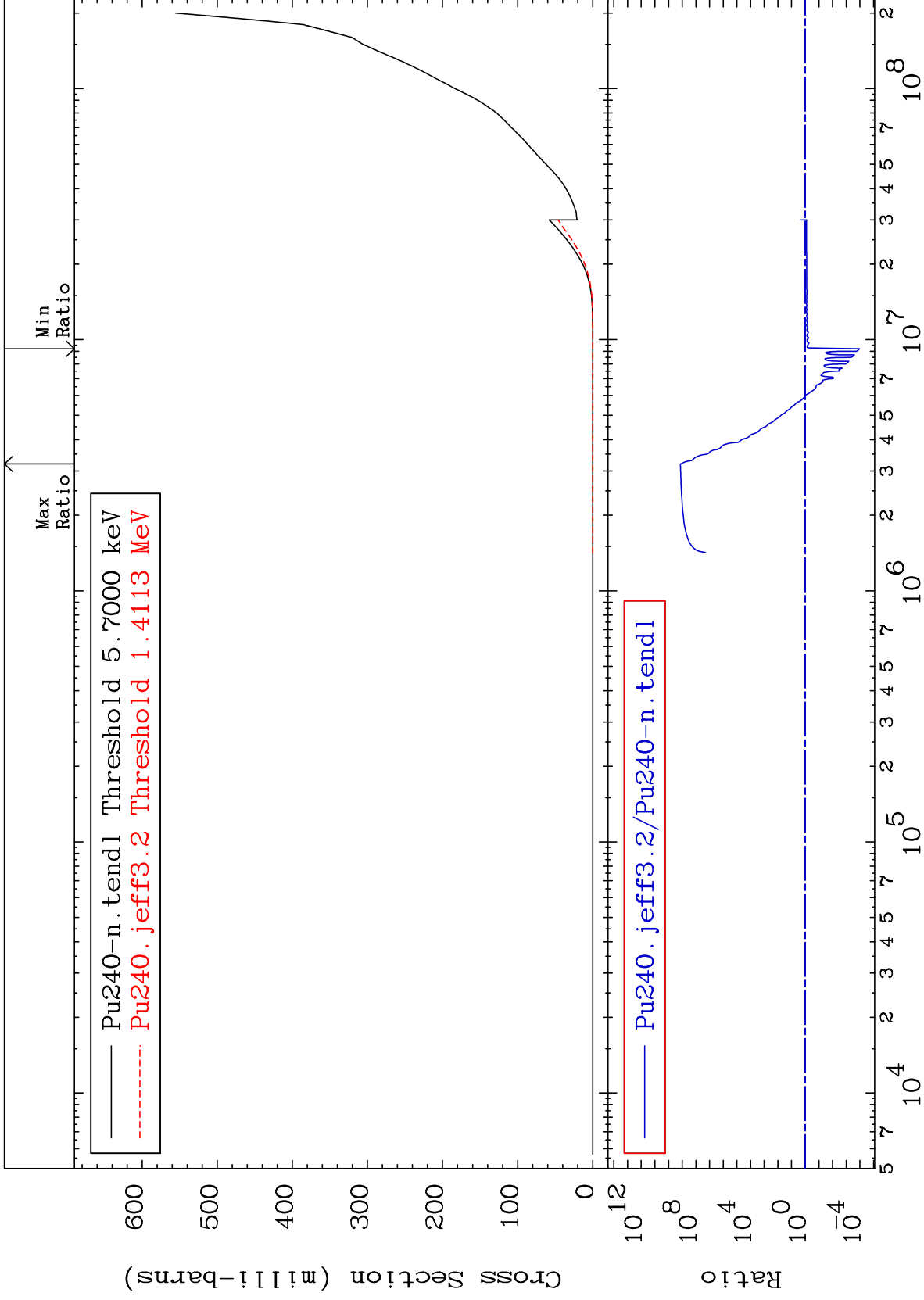
94-Pu-240
-100.0 To 8.249 %



MAT 9440

Hydrogen Production
Cross Section

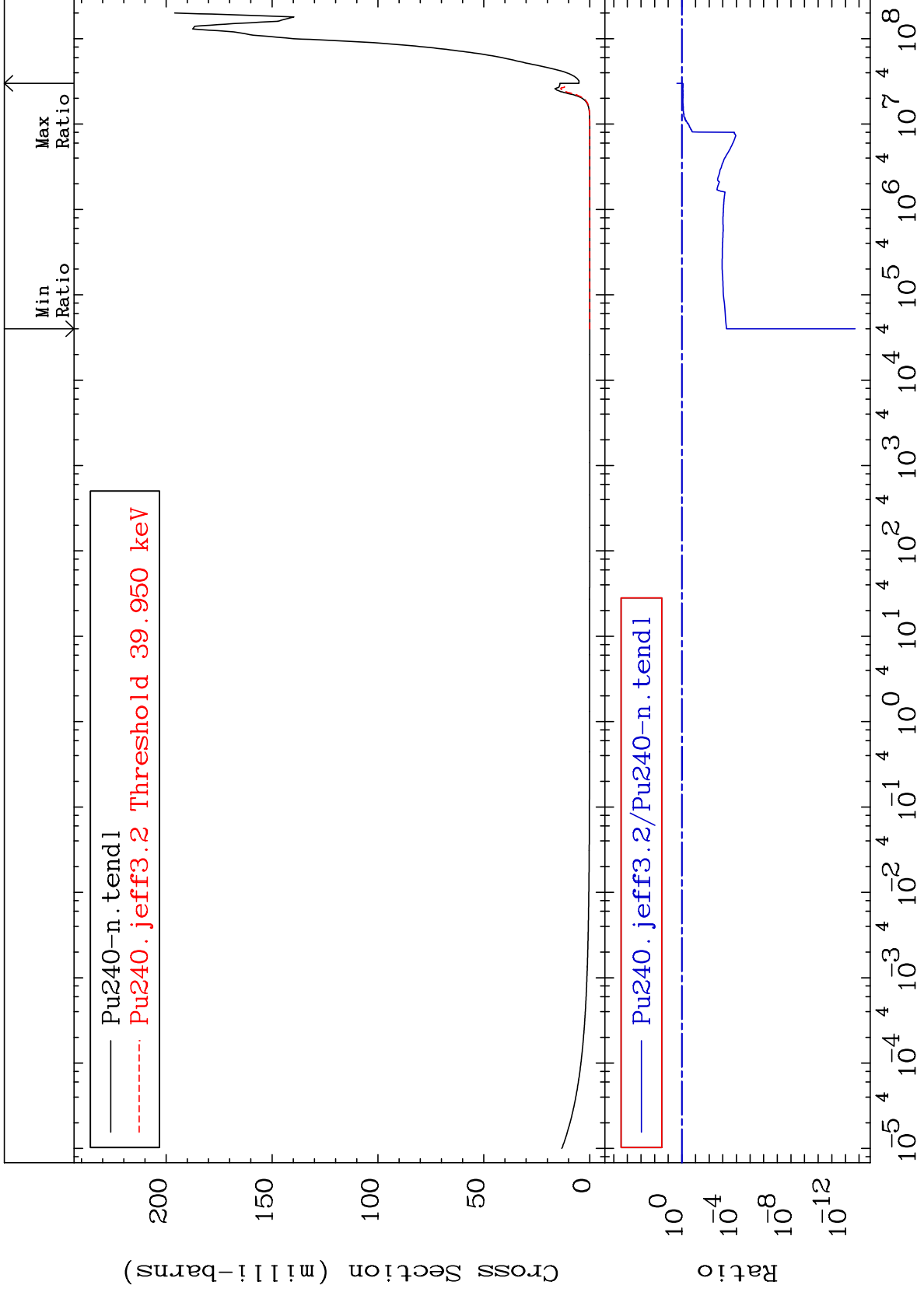
94-Pu-240
-99.99 To 9999. %



MAT 9440

He-4 Production
Cross Section

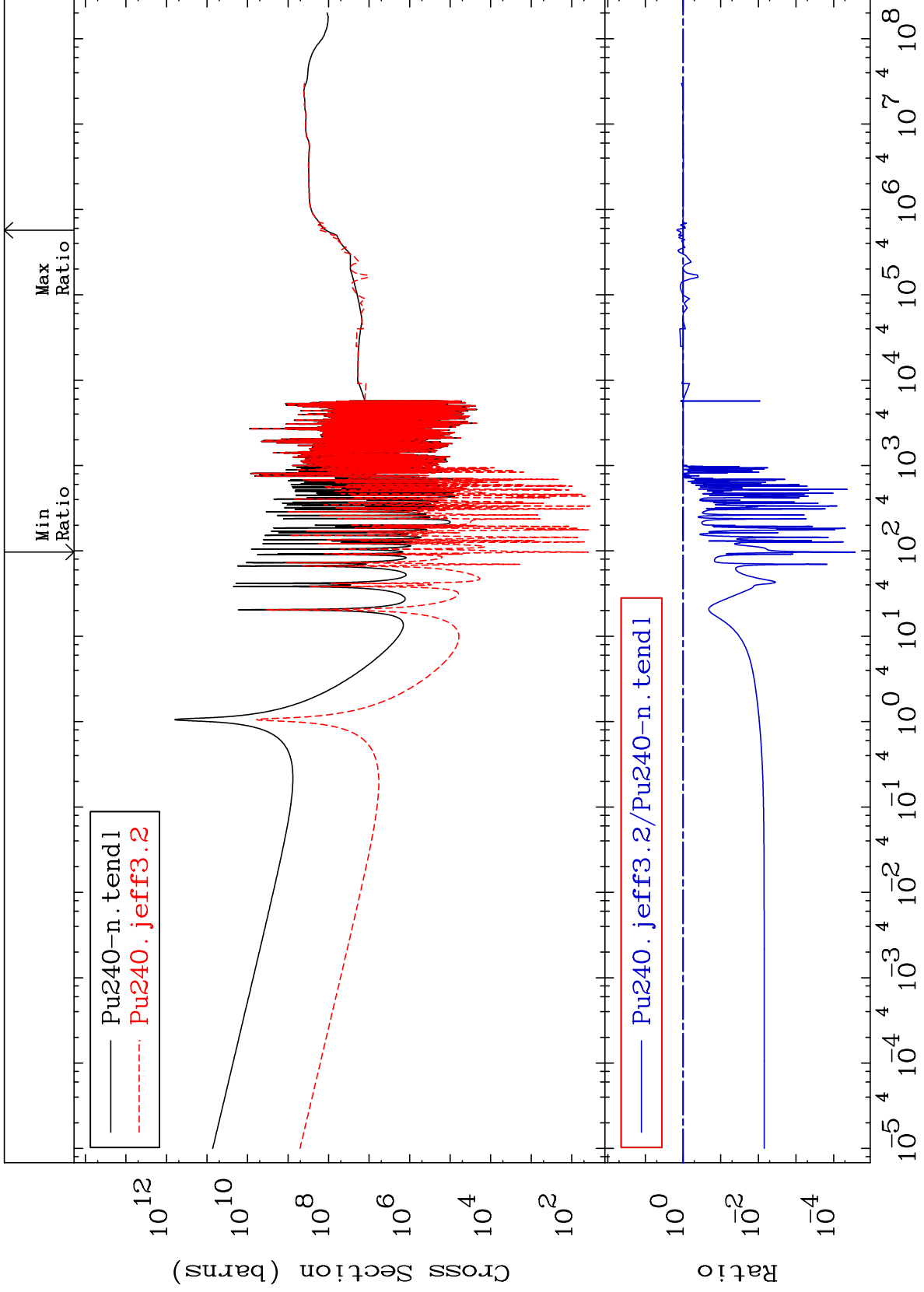
94-Pu-240
-100.0 To 131.4 %



MAT 9440

Kerma total (eV-barns)
Cross Section

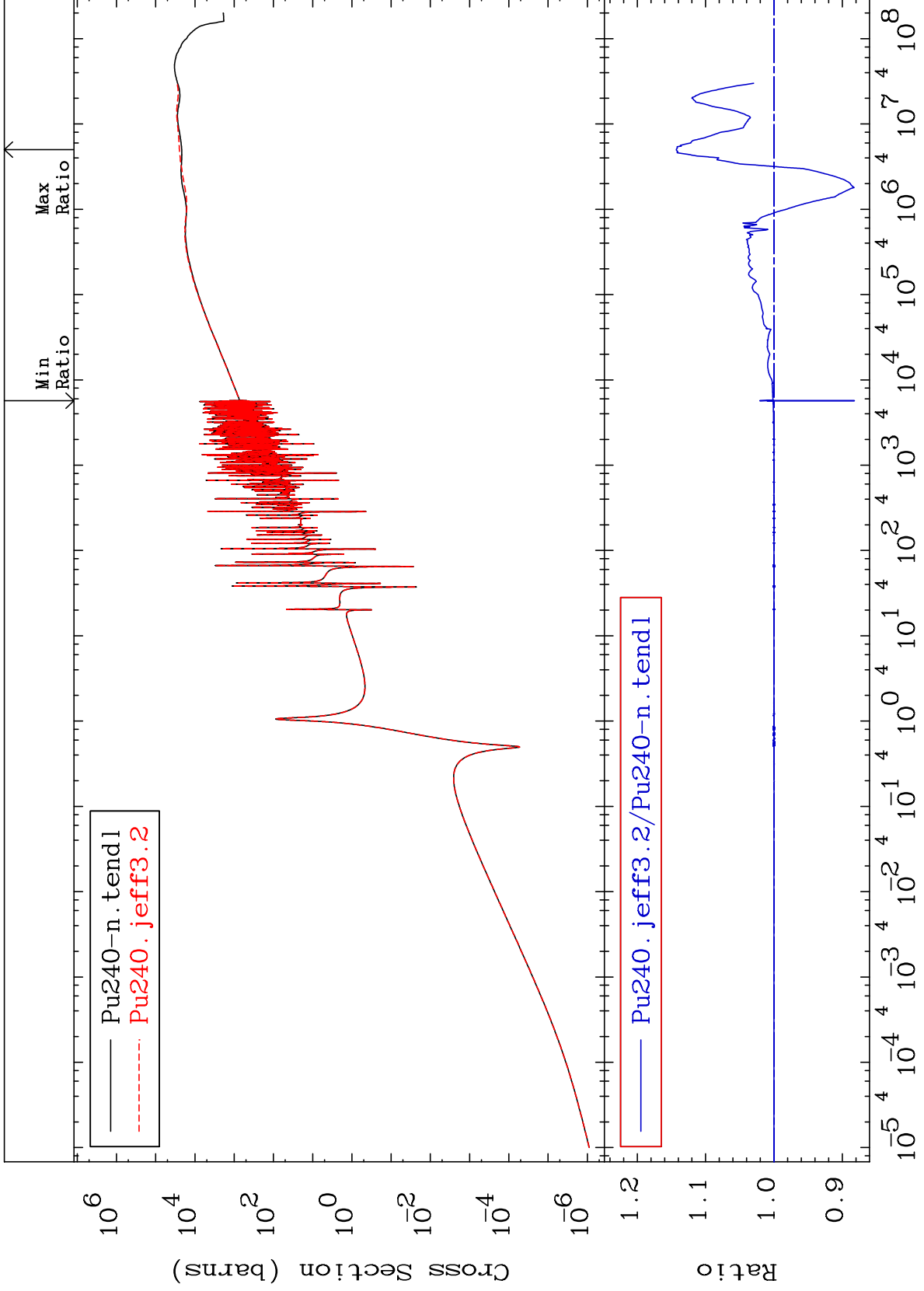
94-Pu-240
-100.0 To 45.24 %



MAT 9440

Kerma elastic
Cross Section

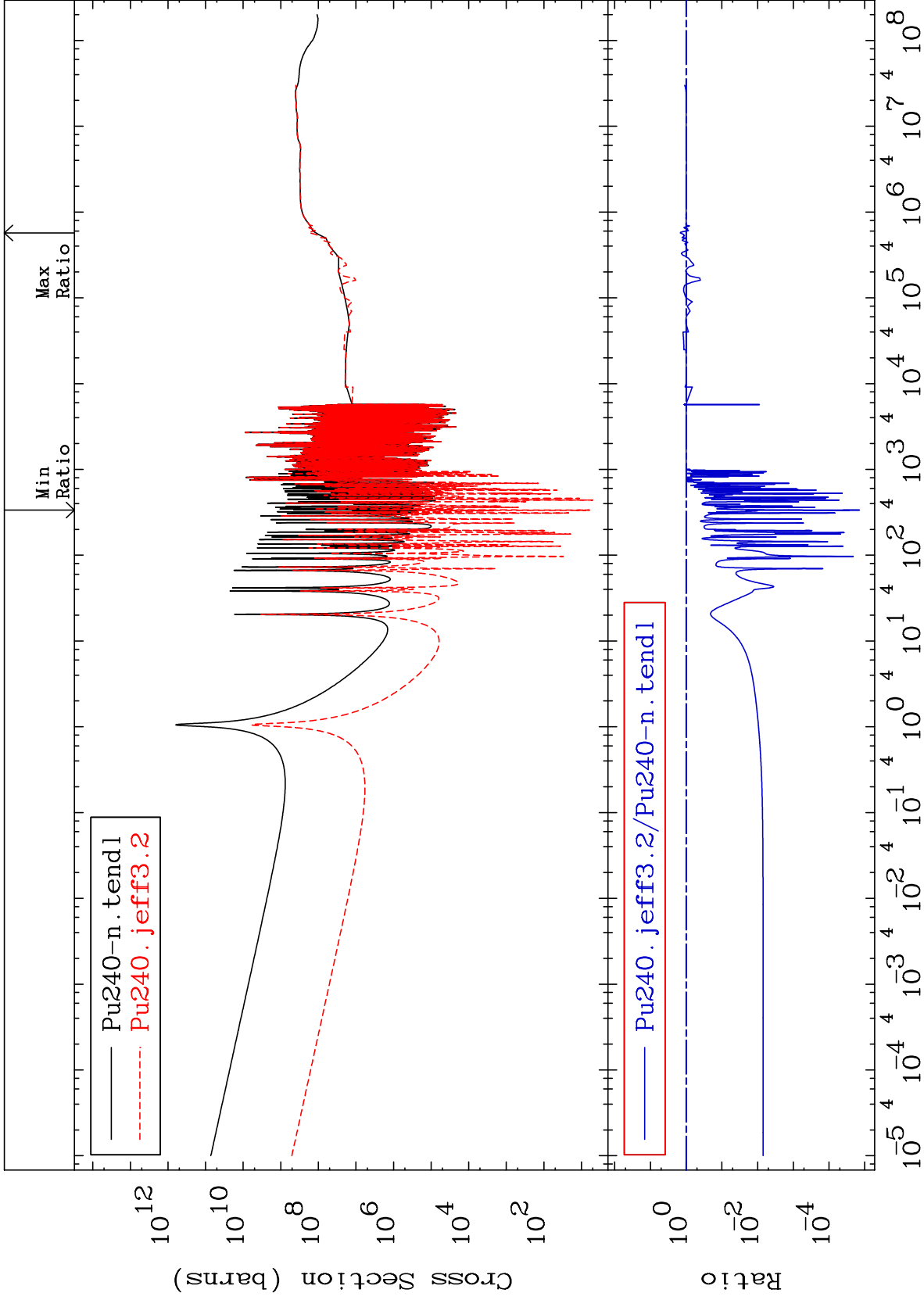
94-Pu-240
-11.75 To 14.28 %



MAT 9440

Kerma non-elastic (all but mt2)
Cross Section

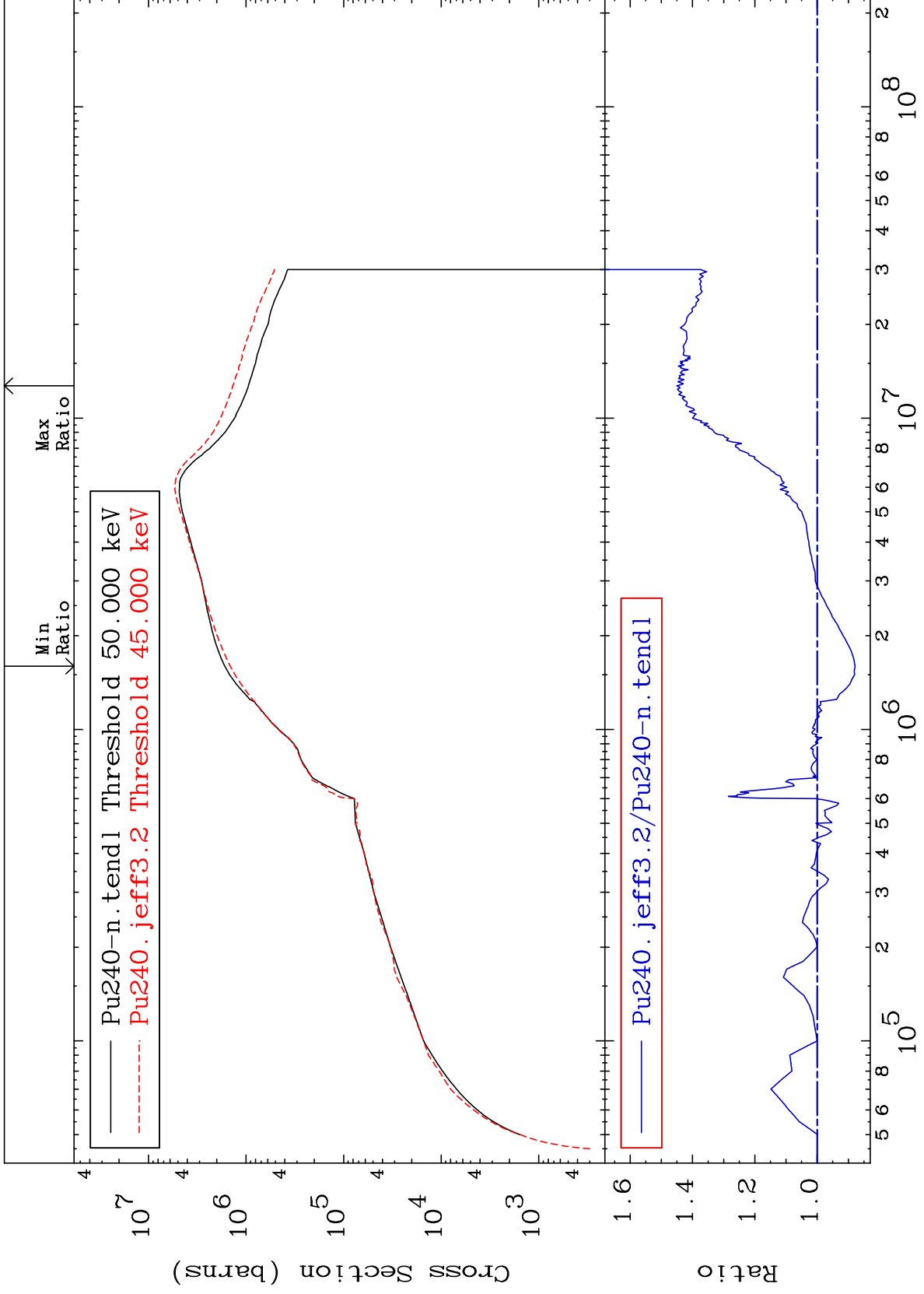
94-Pu-240
-100.0 To 45.25 %



MAT 9440

Kerma inelastic (mt51-91)
Cross Section

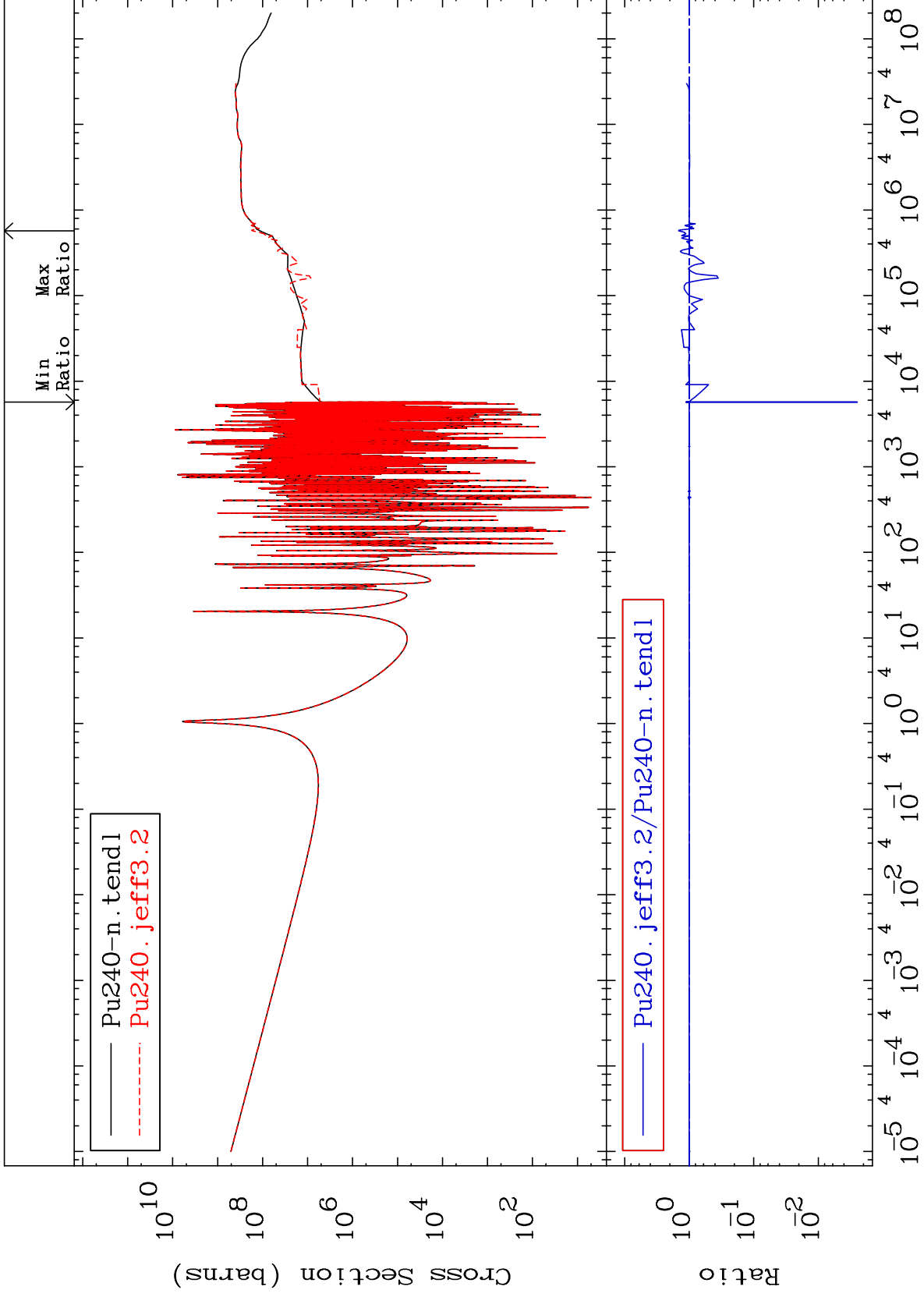
94-Pu-240
-12.16 To 45.01 %



MAT 9440

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

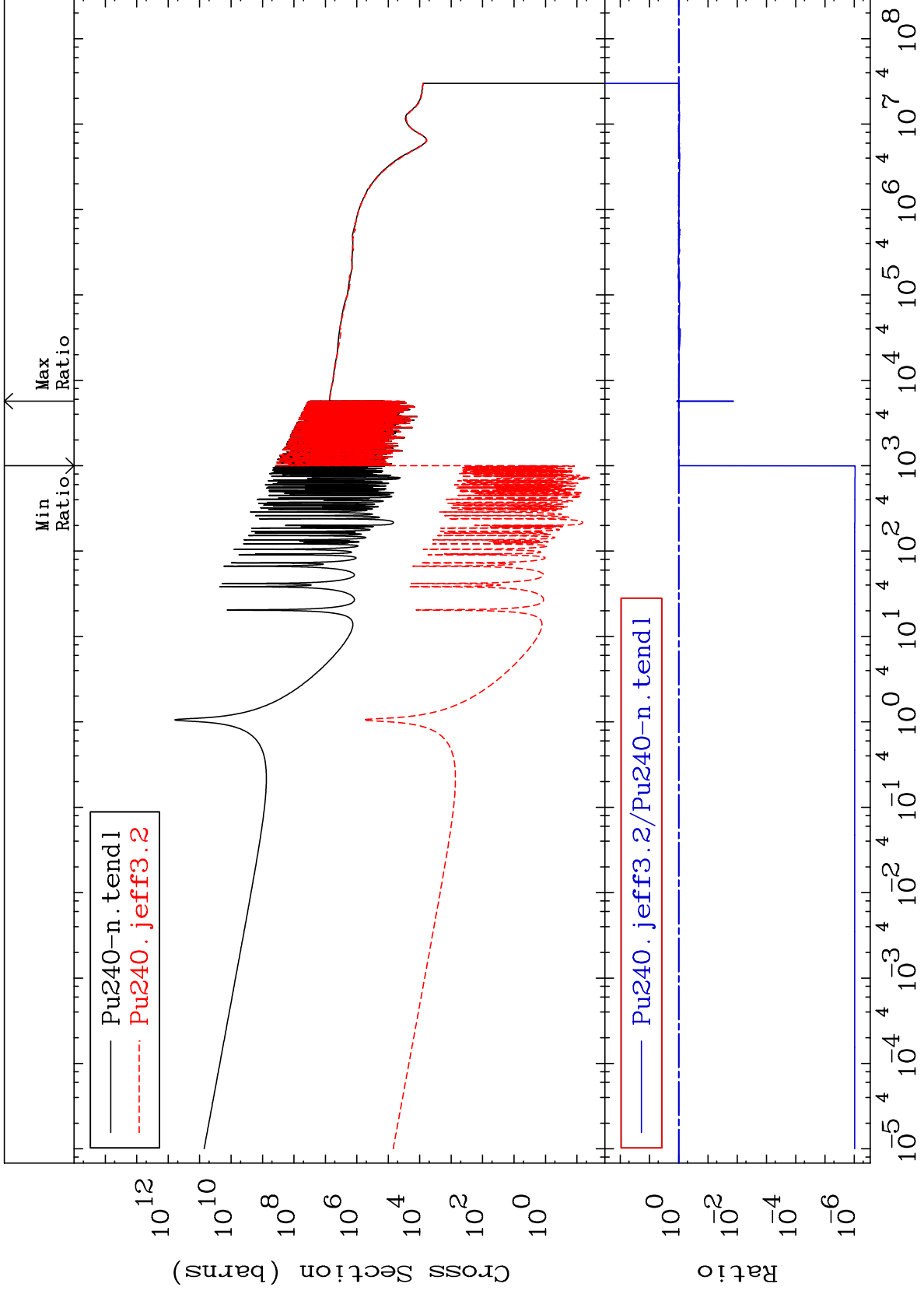
94-Pu-240
-99.75 To 45.90 %



MAT 9440

Kerma capture (mt102)
Cross Section

94-Pu-240
-100.0 To 15.02 %

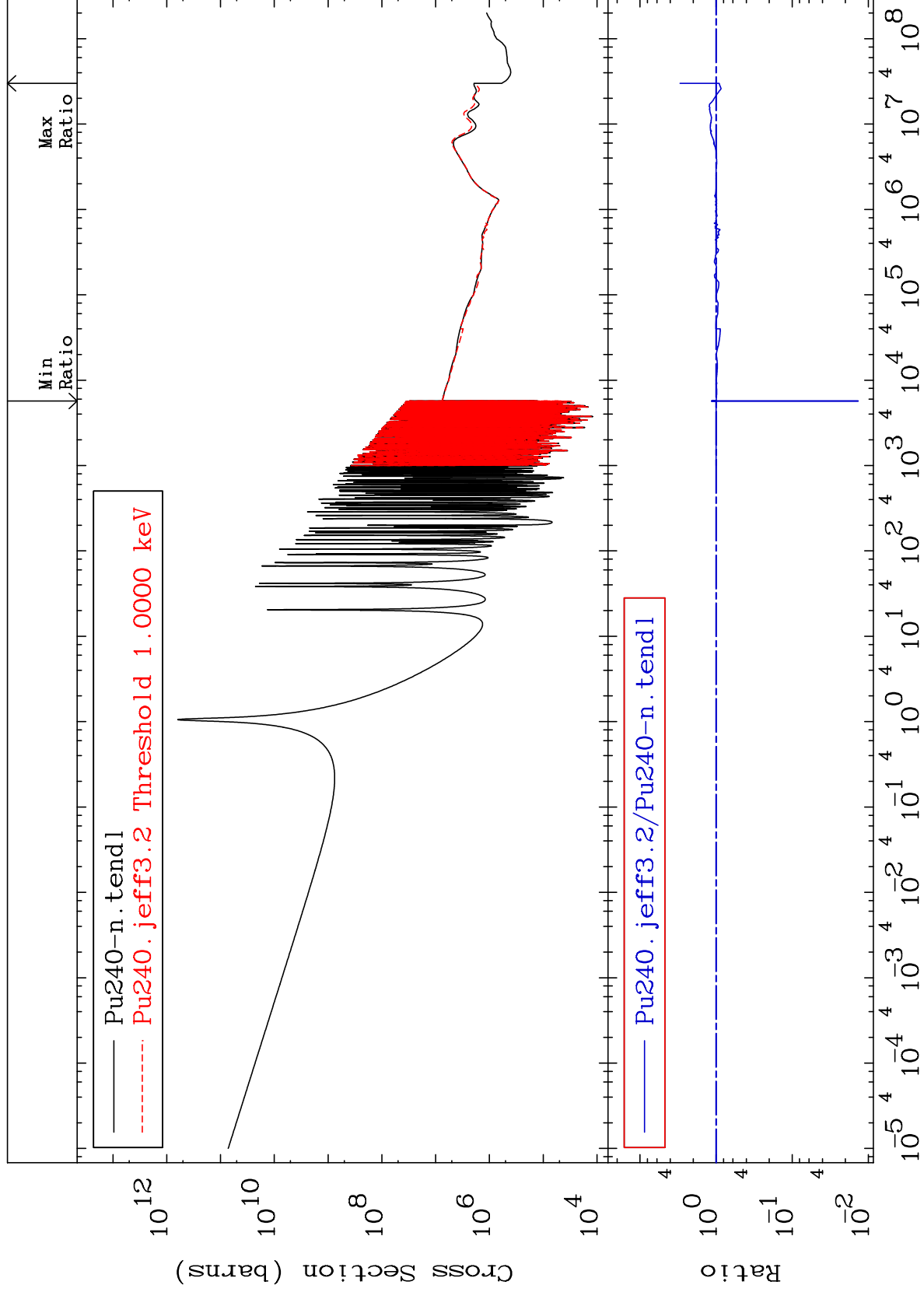


MAT 9440

Total photon (eV-barns)
Cross Section

94-Pu-240

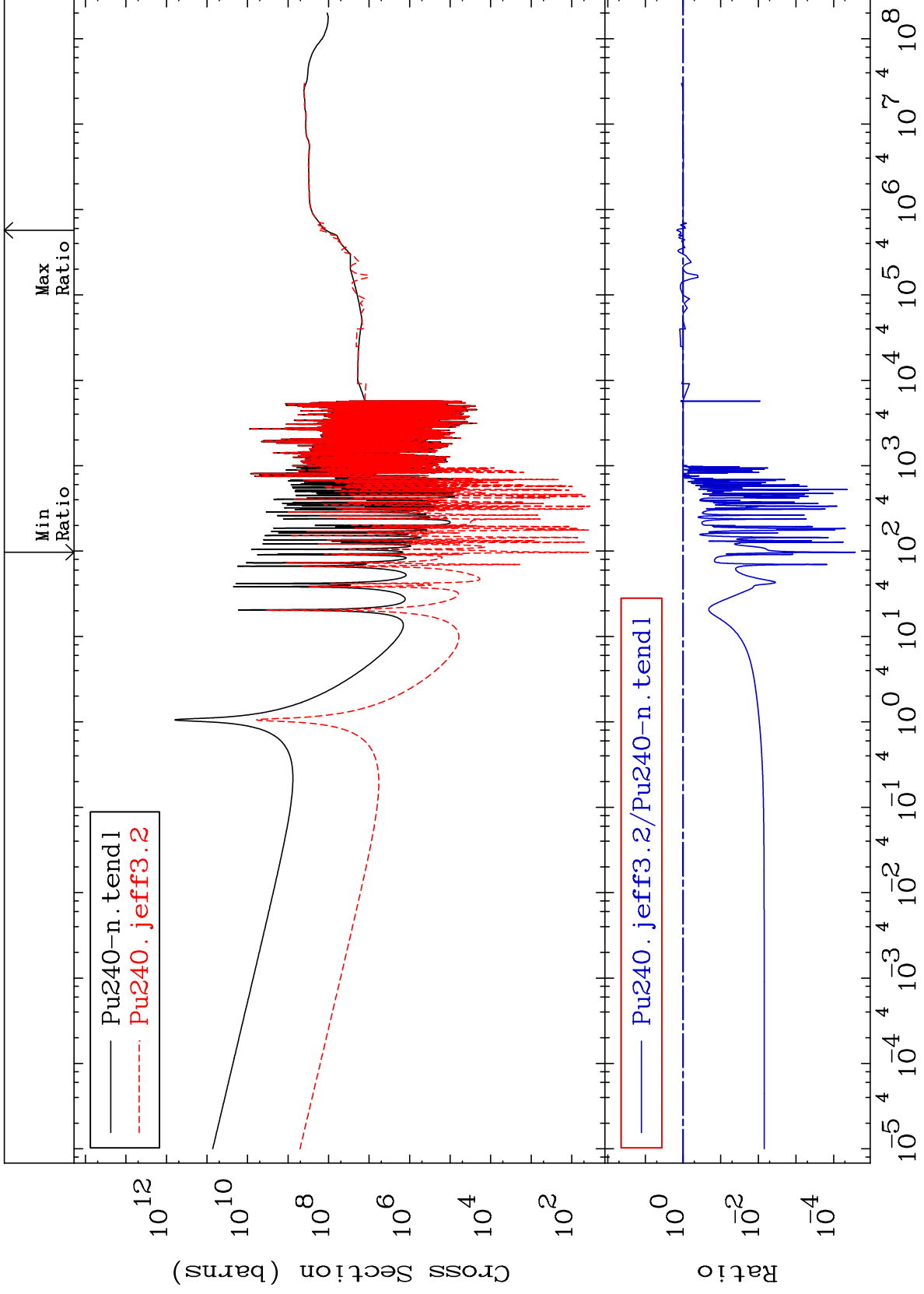
-98.64 To 197.7 %



MAT 9440

Total kinematic kerma (high limit)
Cross Section

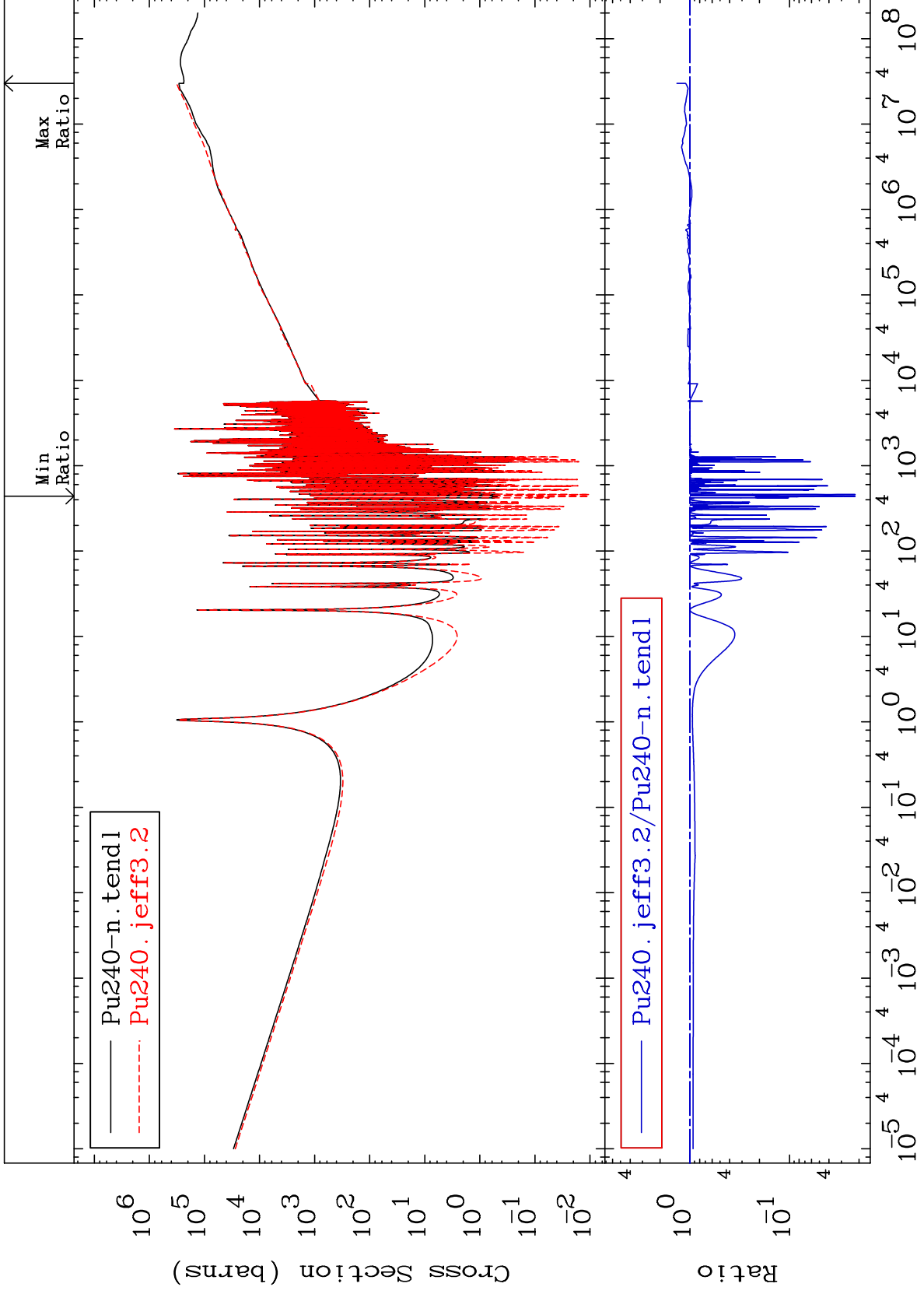
94-Pu-240
-100.0 To 45.27 %



MAT 9440

Dpa total (eV-barns)
Cross Section

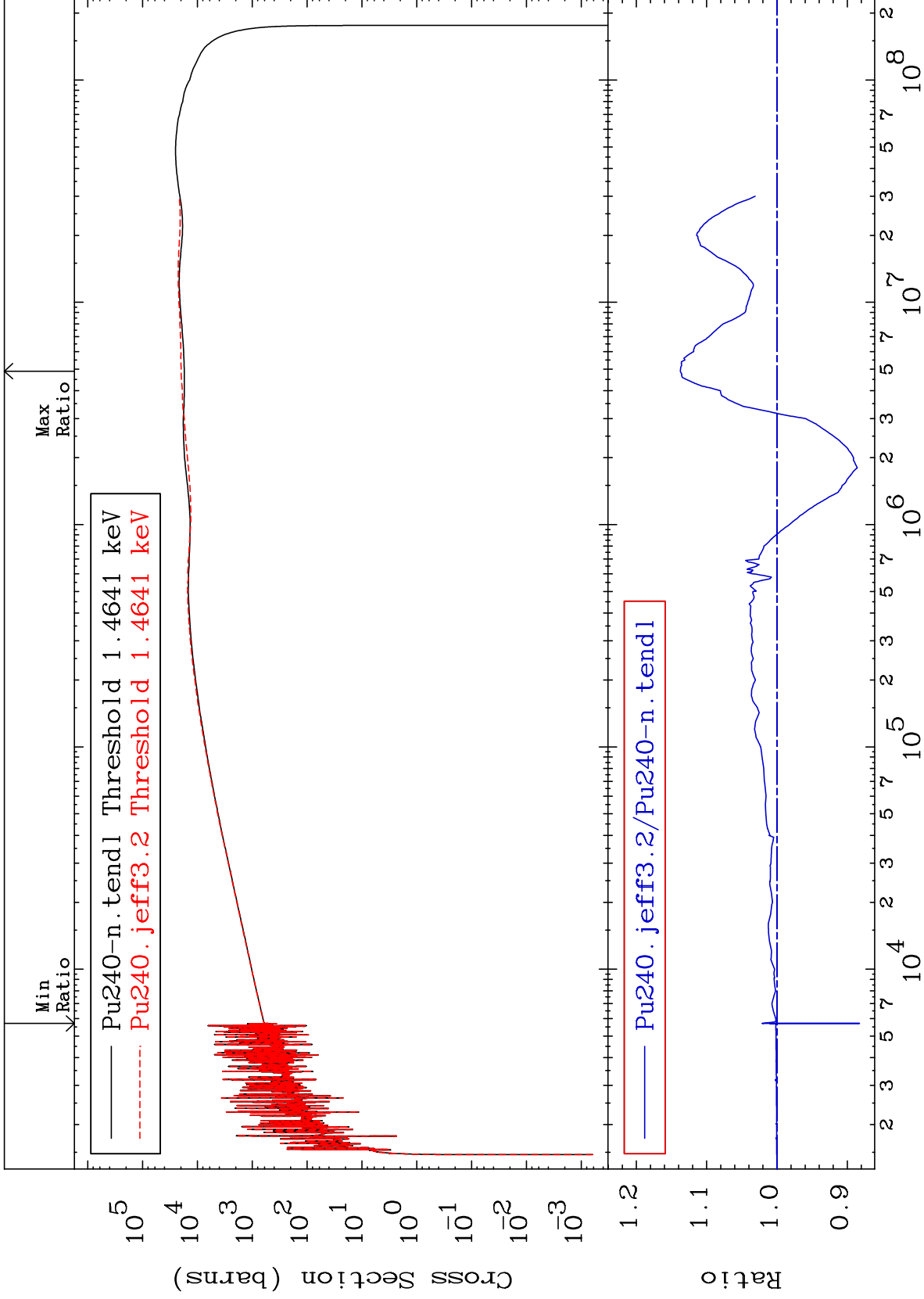
94-Pu-240
-97.81 To 35.32 %



MAT 9440

Dpa elastic (mt2)
Cross Section

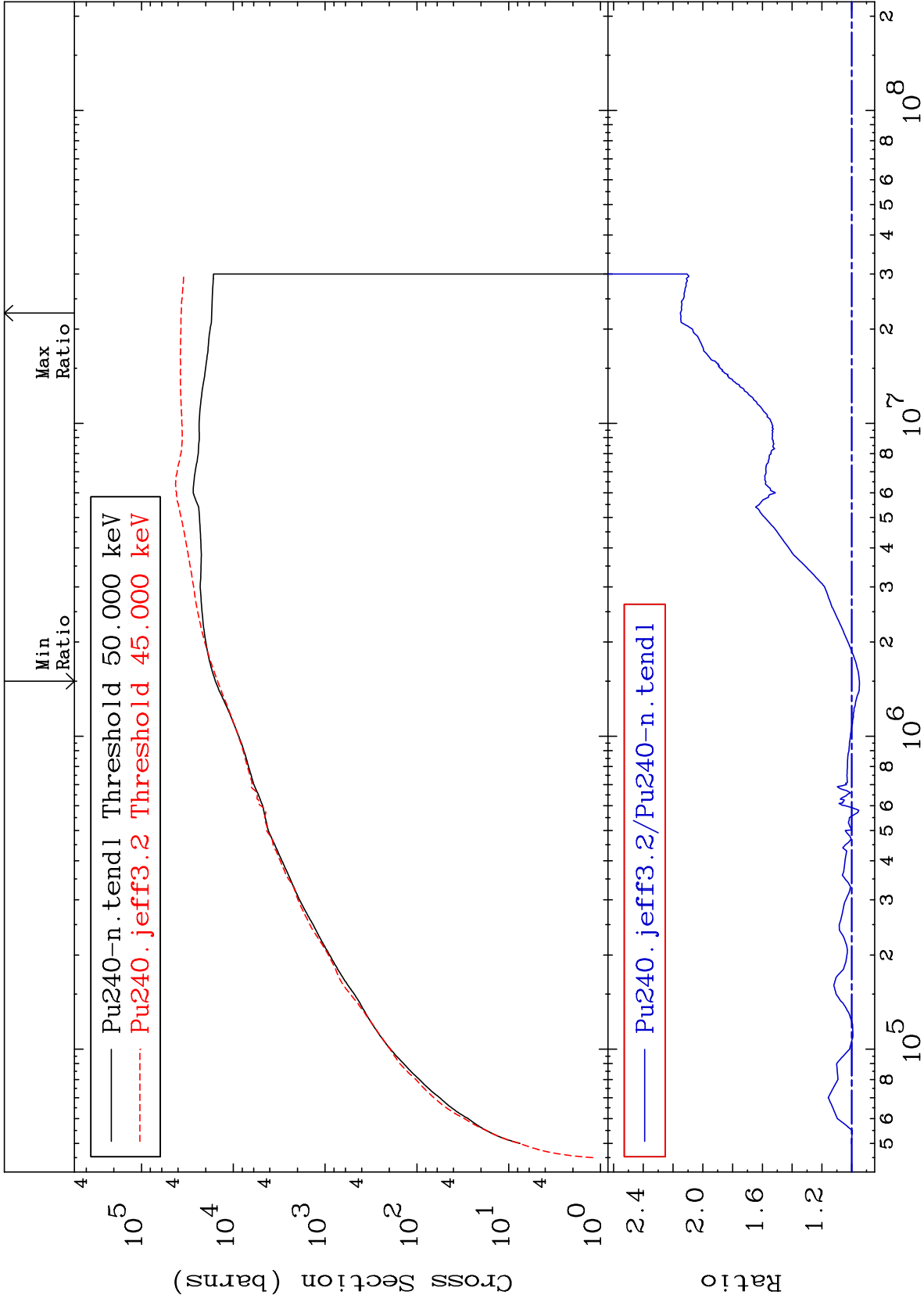
94-Pu-240
-11.73 To 13.74 %



MAT 9440

Dpa inelastic (mt51-91)
Cross Section

94-Pu-240
-5.179 To 115.1 %



60

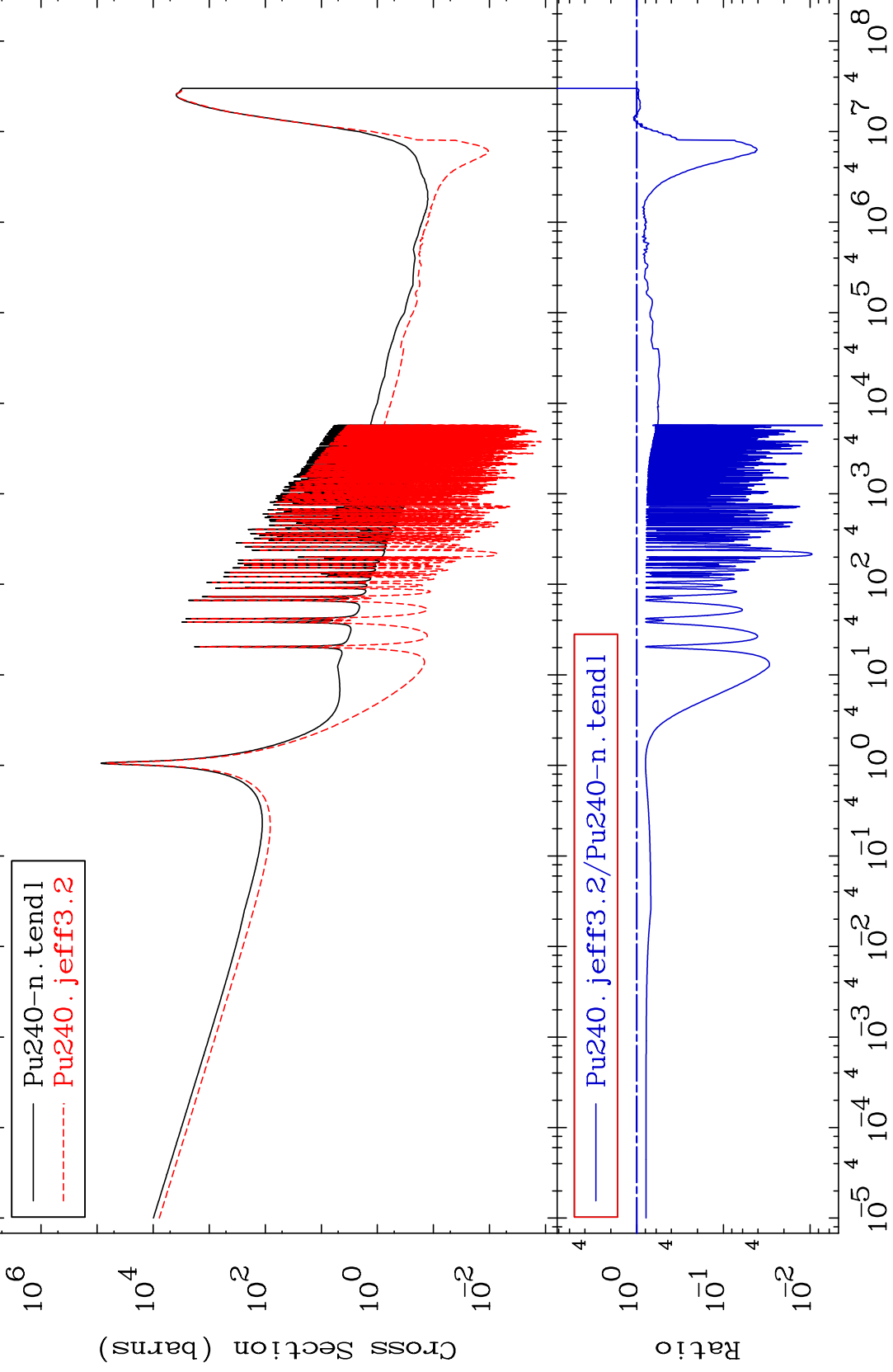
Incident Energy (eV)

94-Pu-240

MAT 9440

Dpa disappearance (mt102 -120)
Cross Section

94-Pu-240
-99.28 To 9.338 %



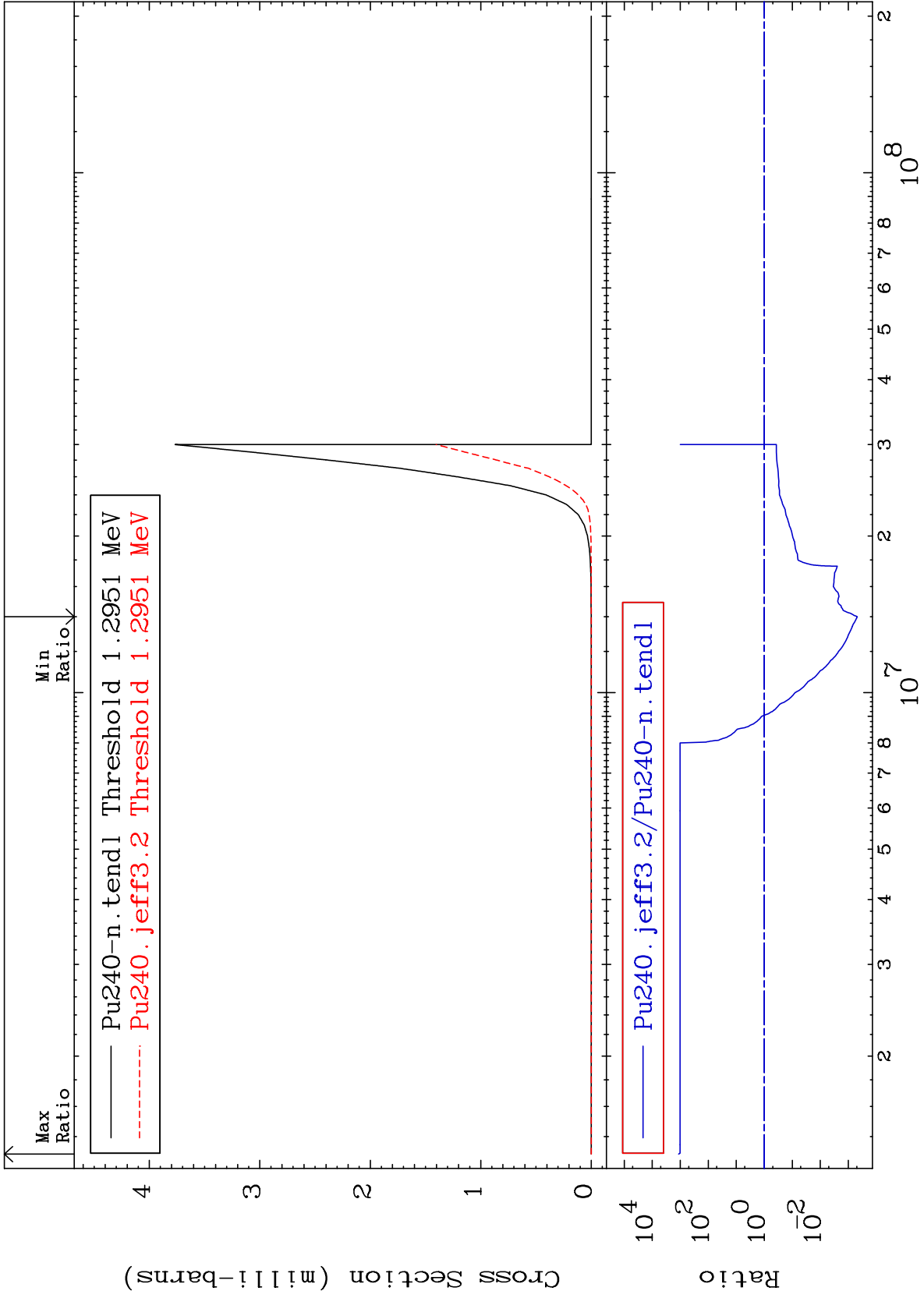
61

Incident Energy (eV)

94-Pu-240

MAT 9440

(n,2n) α : 92-U -235g 94-Pu-240
Radionuclide Production Cross Section -99.95 To 9999. %



MAT 9440

(n,2n) α :92-U -235m1

94-Pu-240

Radionuclide Production Cross Section

-99.98 To 9999. %

