

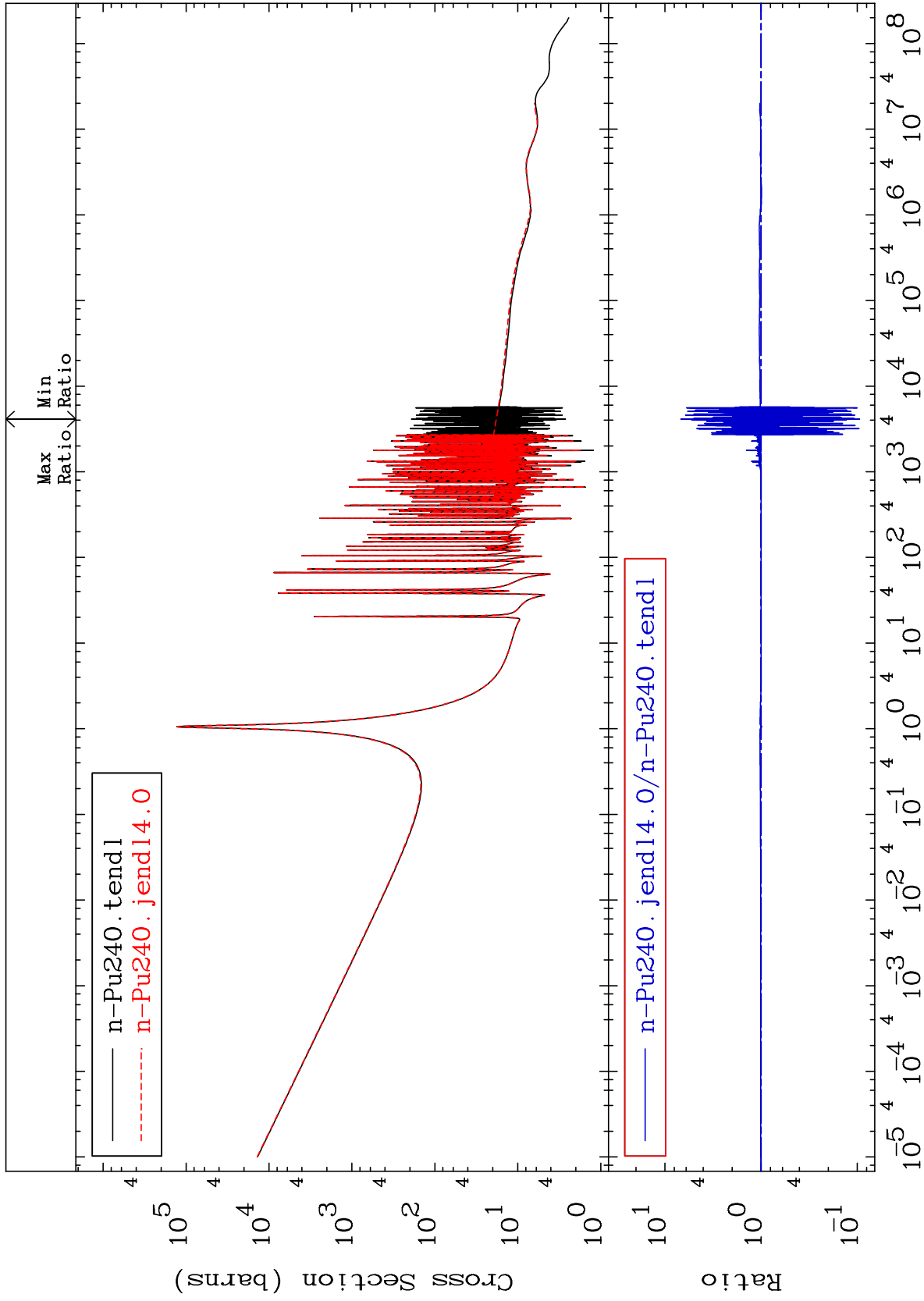
MAT 9440

Total

94-Pu-240

Cross Section

-90.52 To 583.5 %



Incident Energy (eV)

94-Pu-240

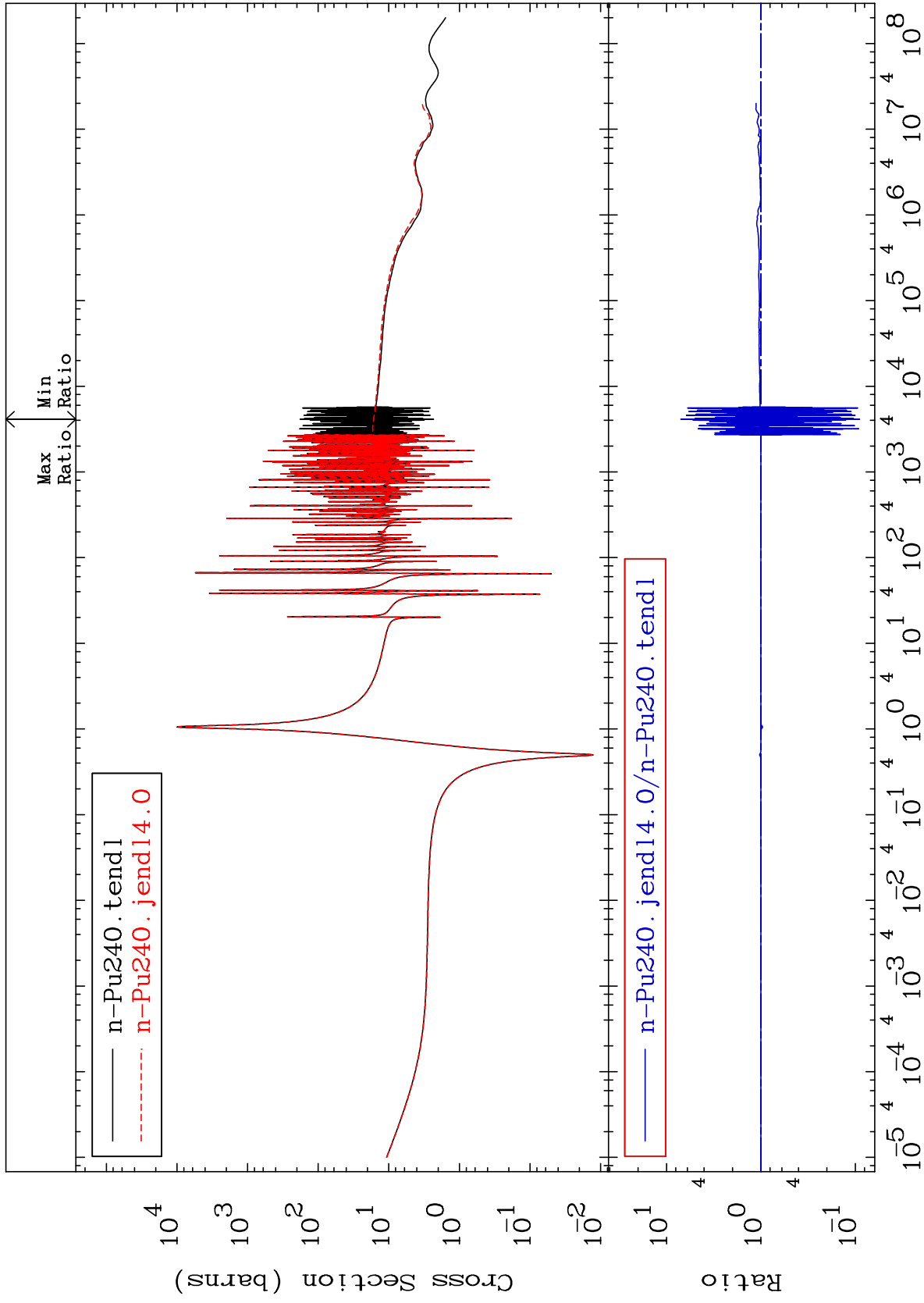
MAT 9440

Elastic

94-Pu-240

Cross Section

-90.97 To 606.3 %



2

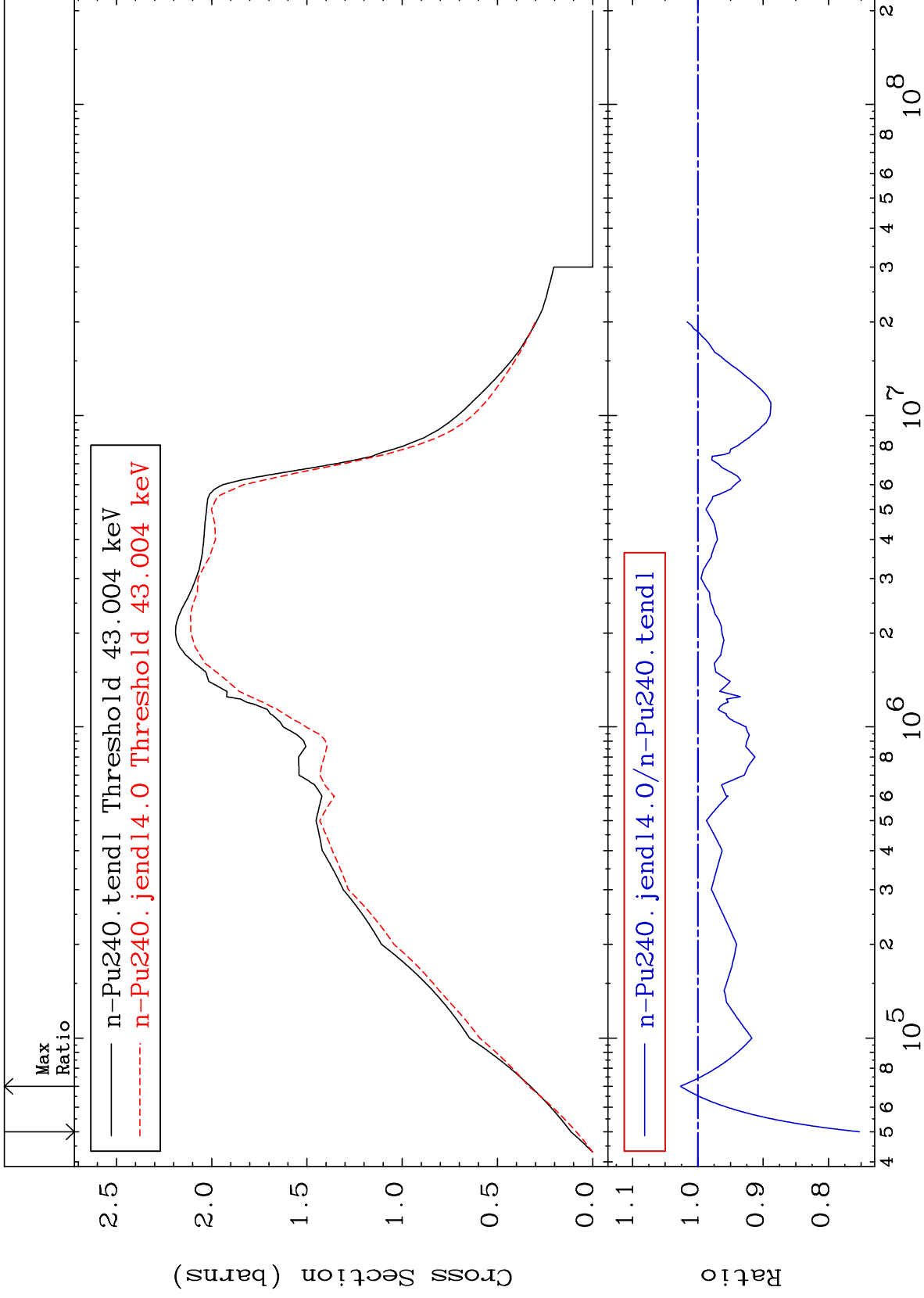
Incident Energy (eV)

94-Pu-240

MAT 9440

Inelastic
Cross Section

94-Pu-240
-24.74 To 2.678 %



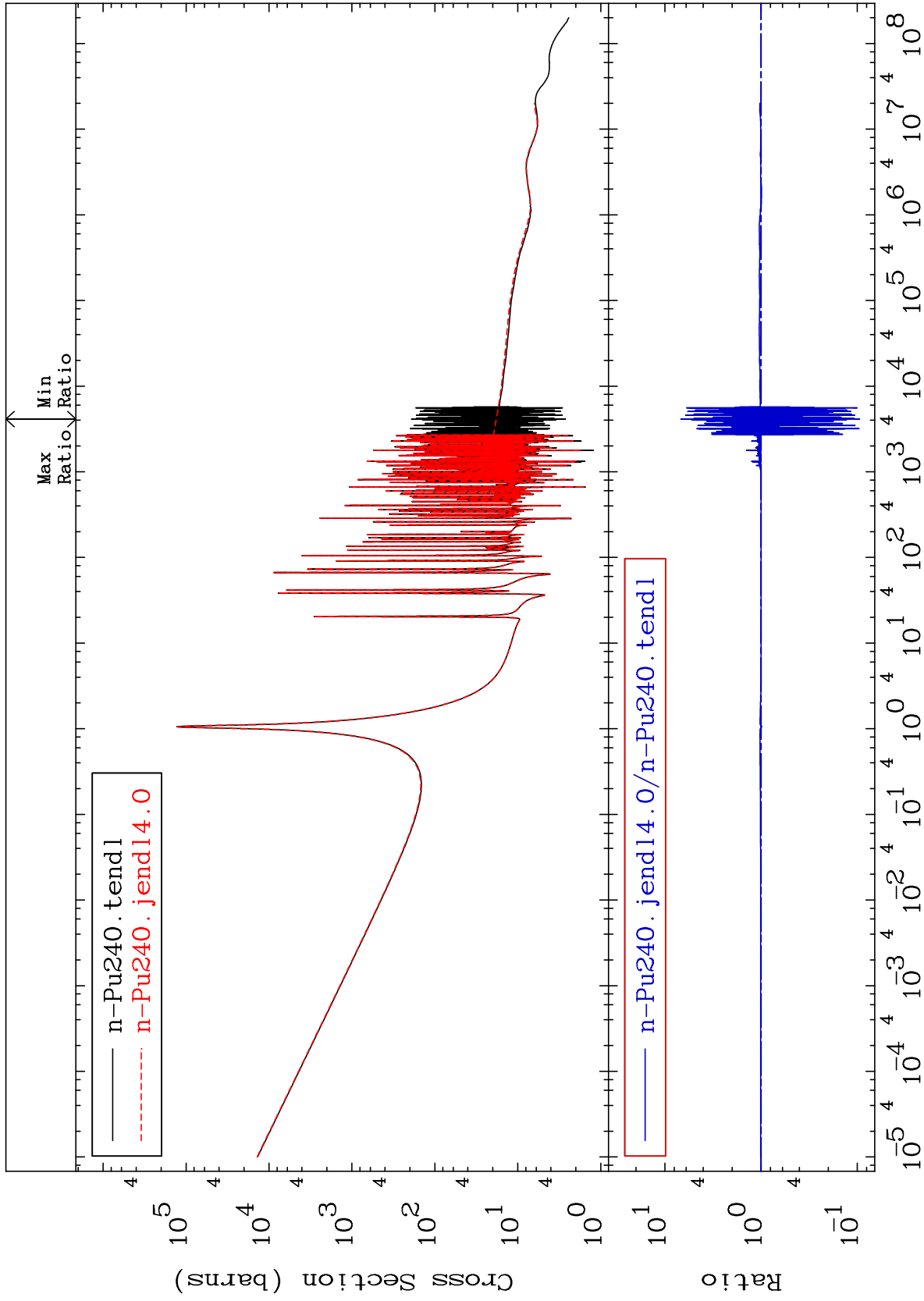
MAT 9440

Total

94-Pu-240

Cross Section

-90.52 To 583.5 %



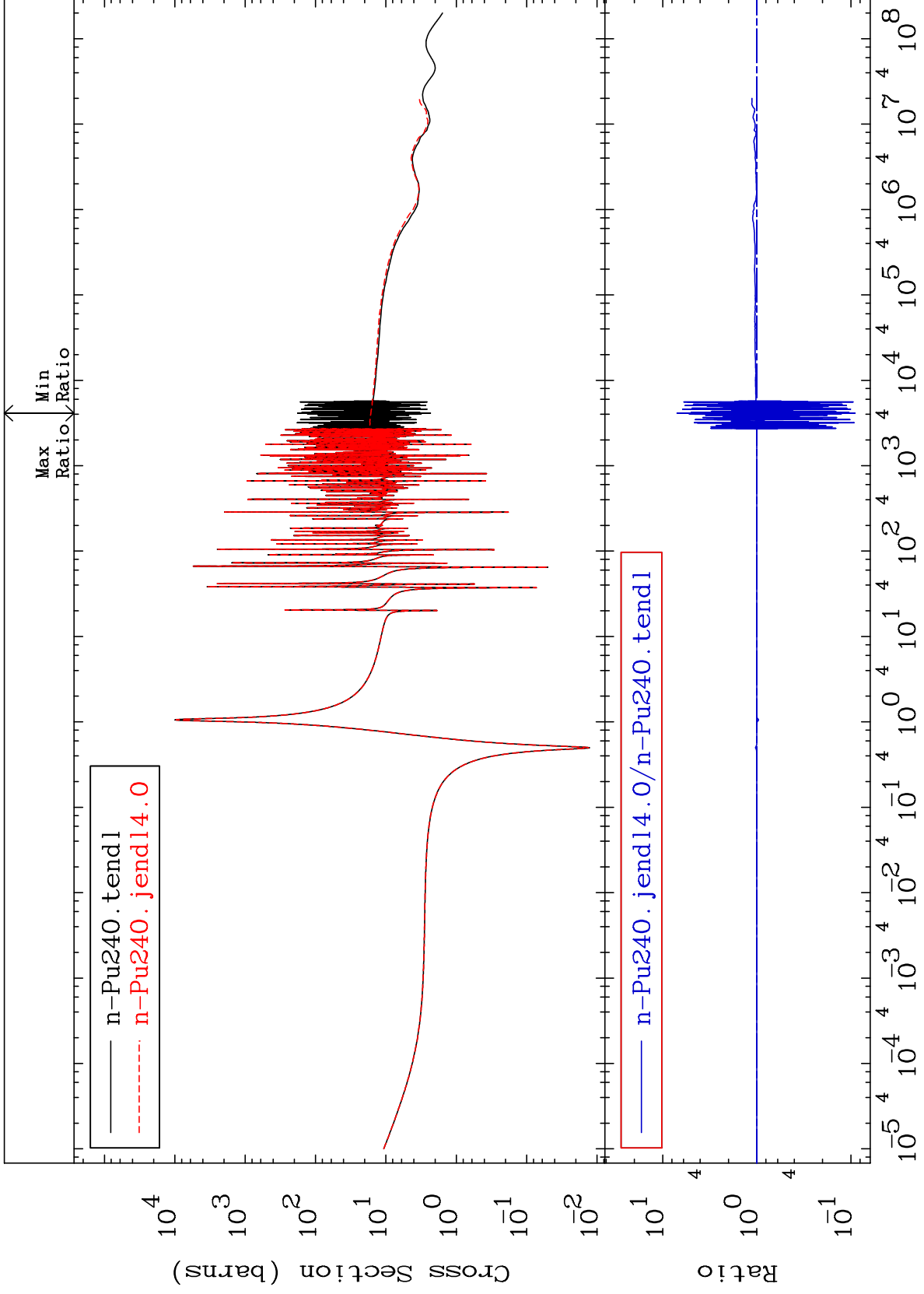
Incident Energy (eV)

94-Pu-240

MAT 9440

Elastic
Cross Section

94-Pu-240
-90.97 To 606.3 %



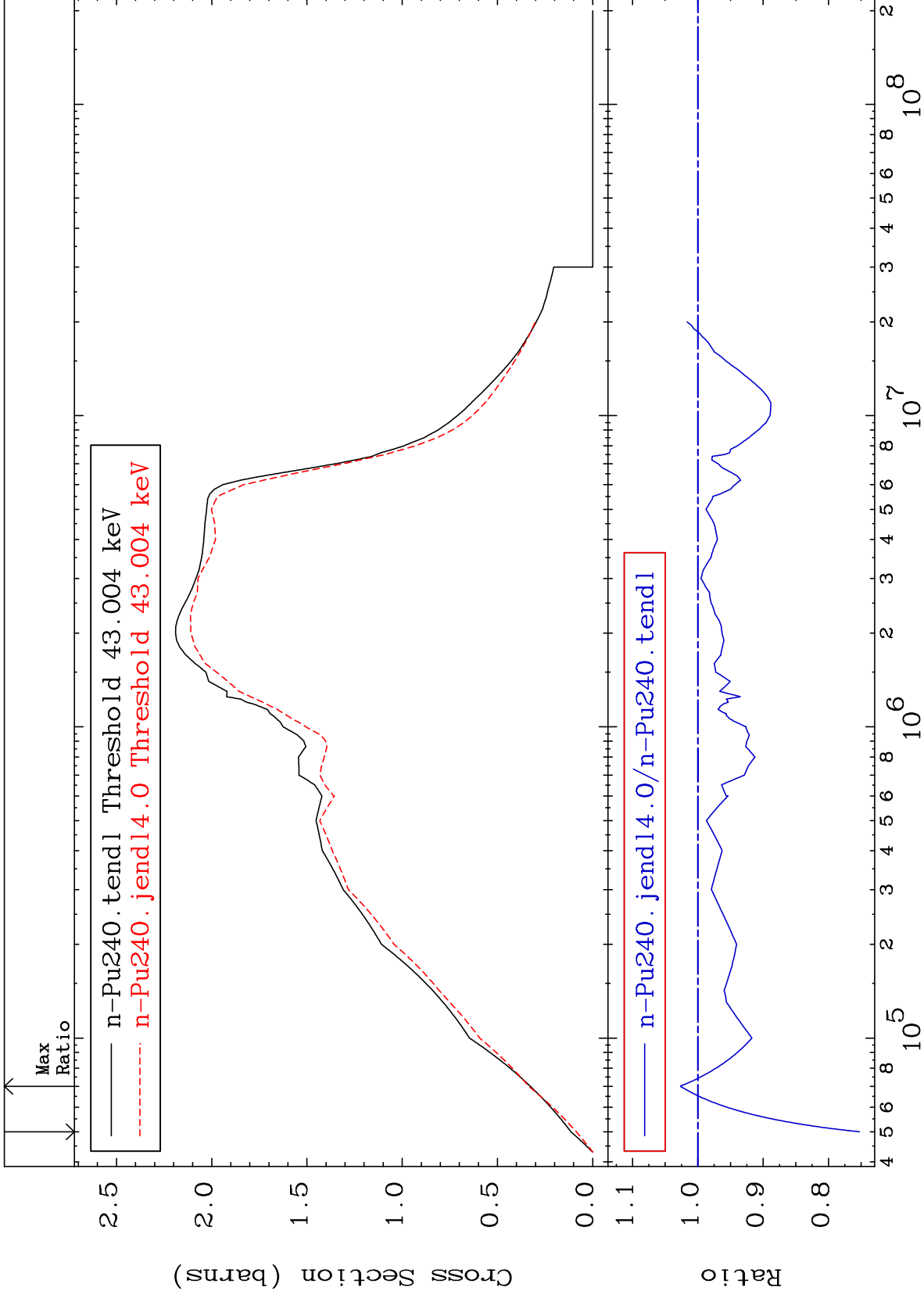
Incident Energy (eV)

94-Pu-240

MAT 9440

Inelastic
Cross Section

94-Pu-240
-24.74 To 2.678 %



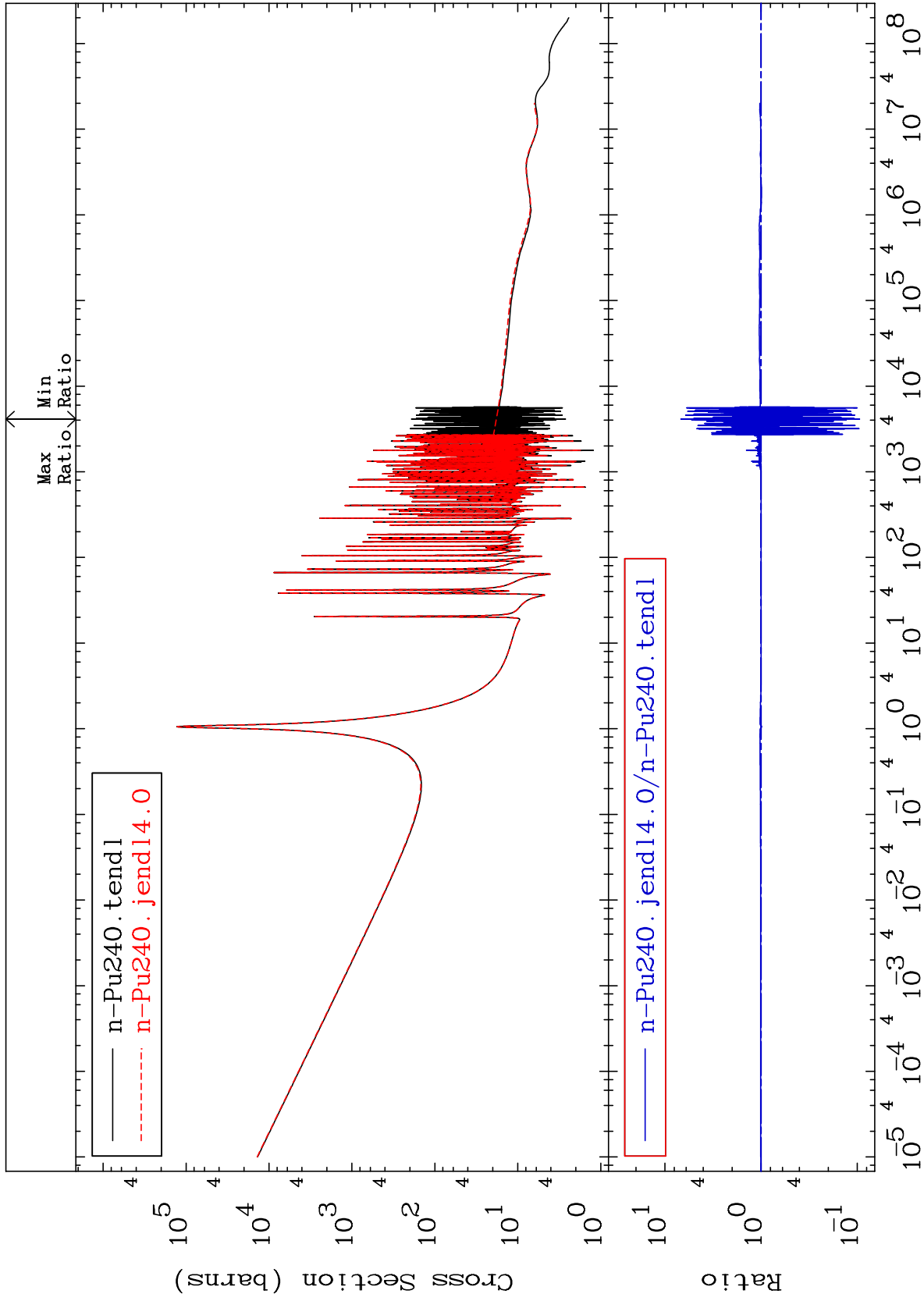
MAT 9440

Total

94-Pu-240

Cross Section

-90.52 To 583.5 %



Incident Energy (eV)

94-Pu-240

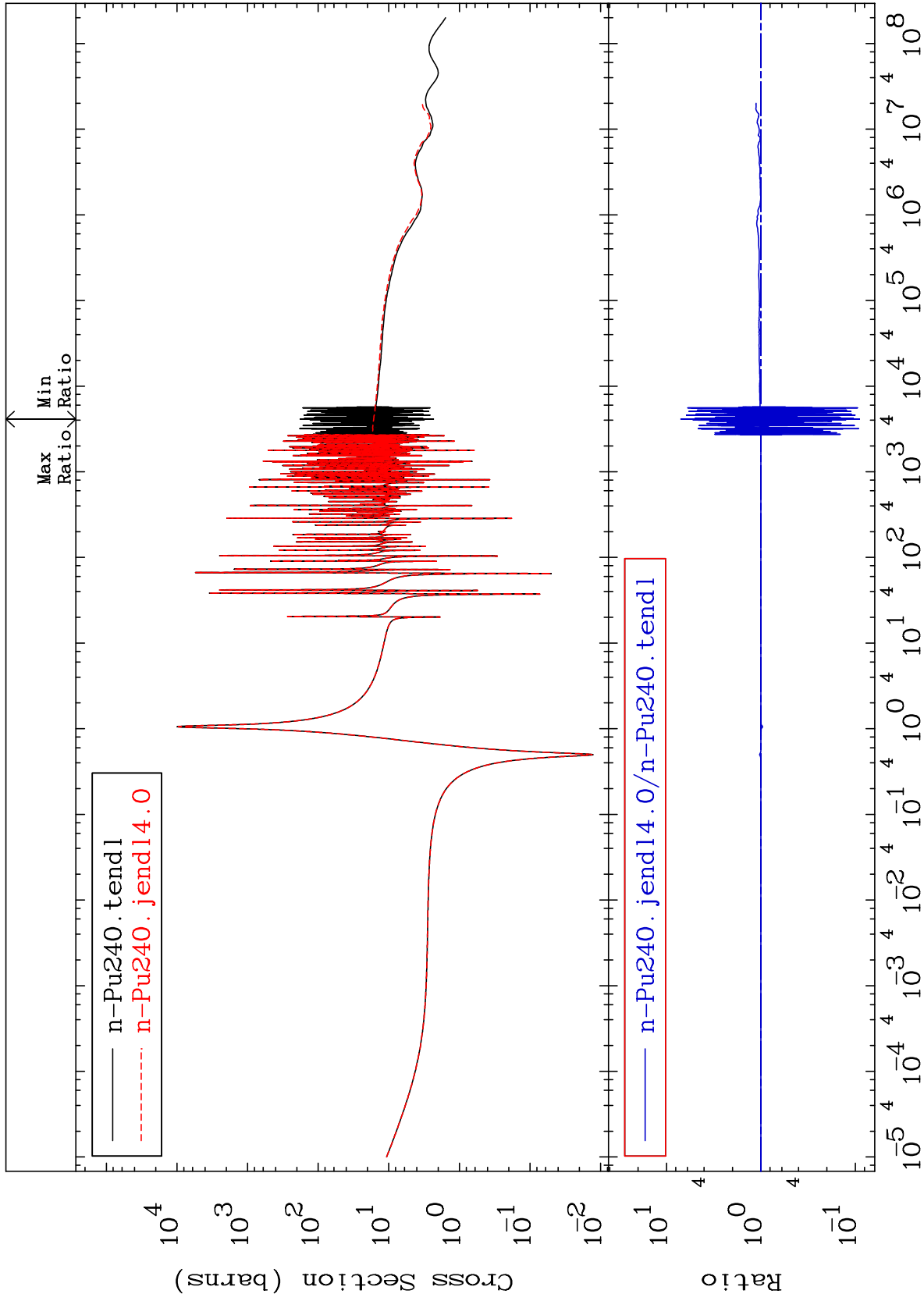
MAT 9440

Elastic

94-Pu-240

Cross Section

-90.97 To 606.3 %



2

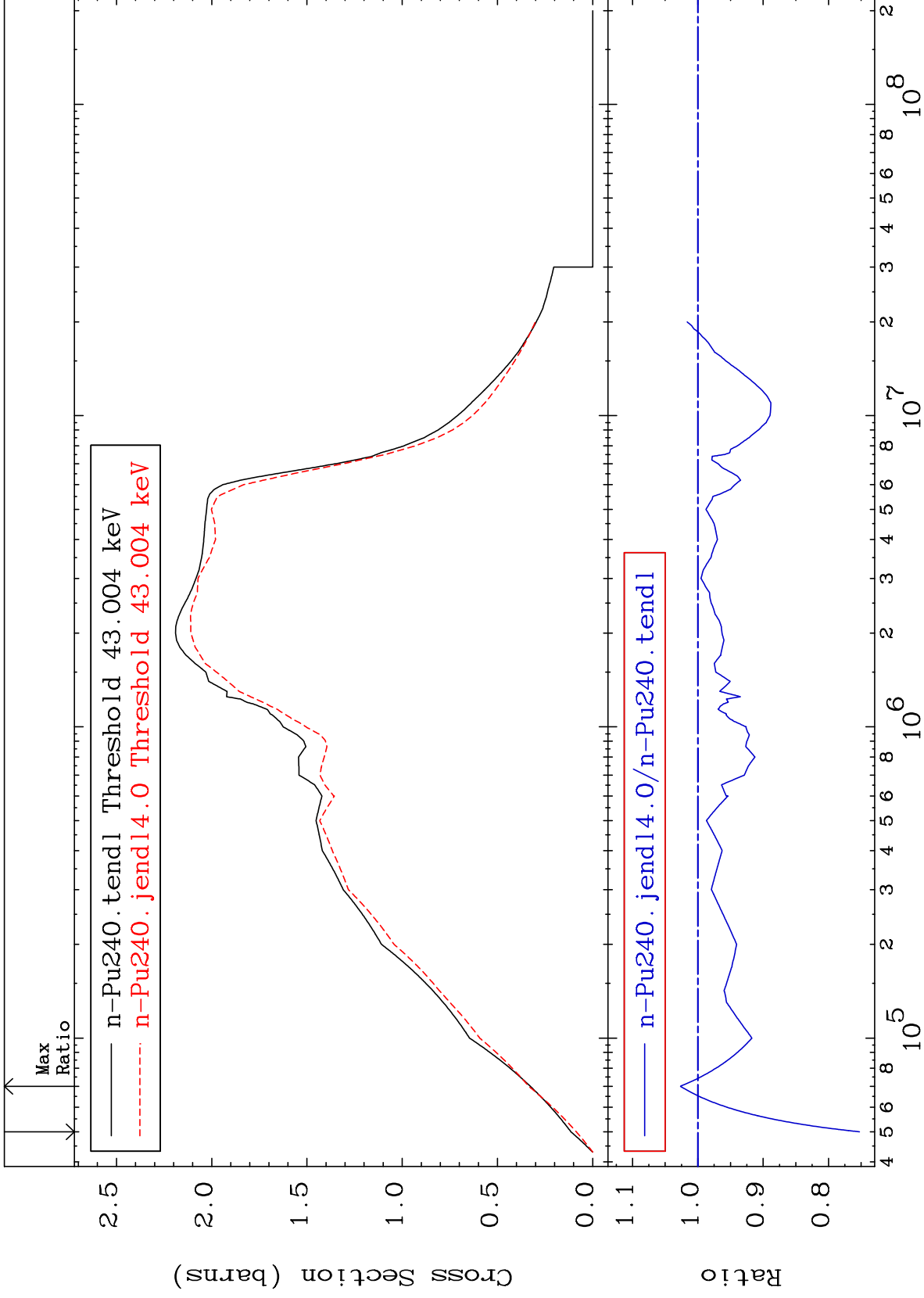
Incident Energy (eV)

94-Pu-240

MAT 9440

Inelastic
Cross Section

94-Pu-240
-24.74 To 2.678 %



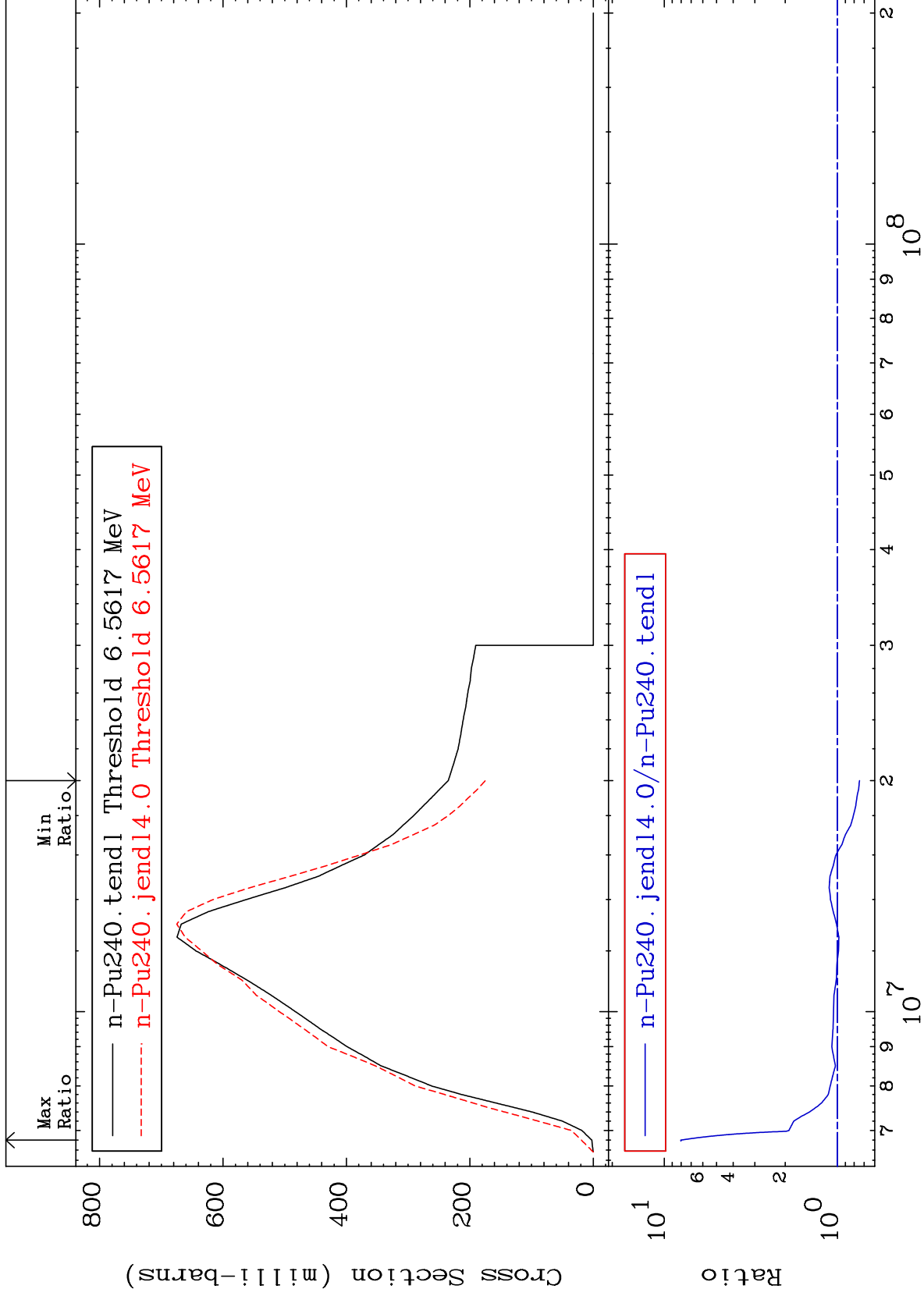
MAT 9440

(n,2n)

94-Pu-240

Cross Section

-25.55 To 703.9 %



4

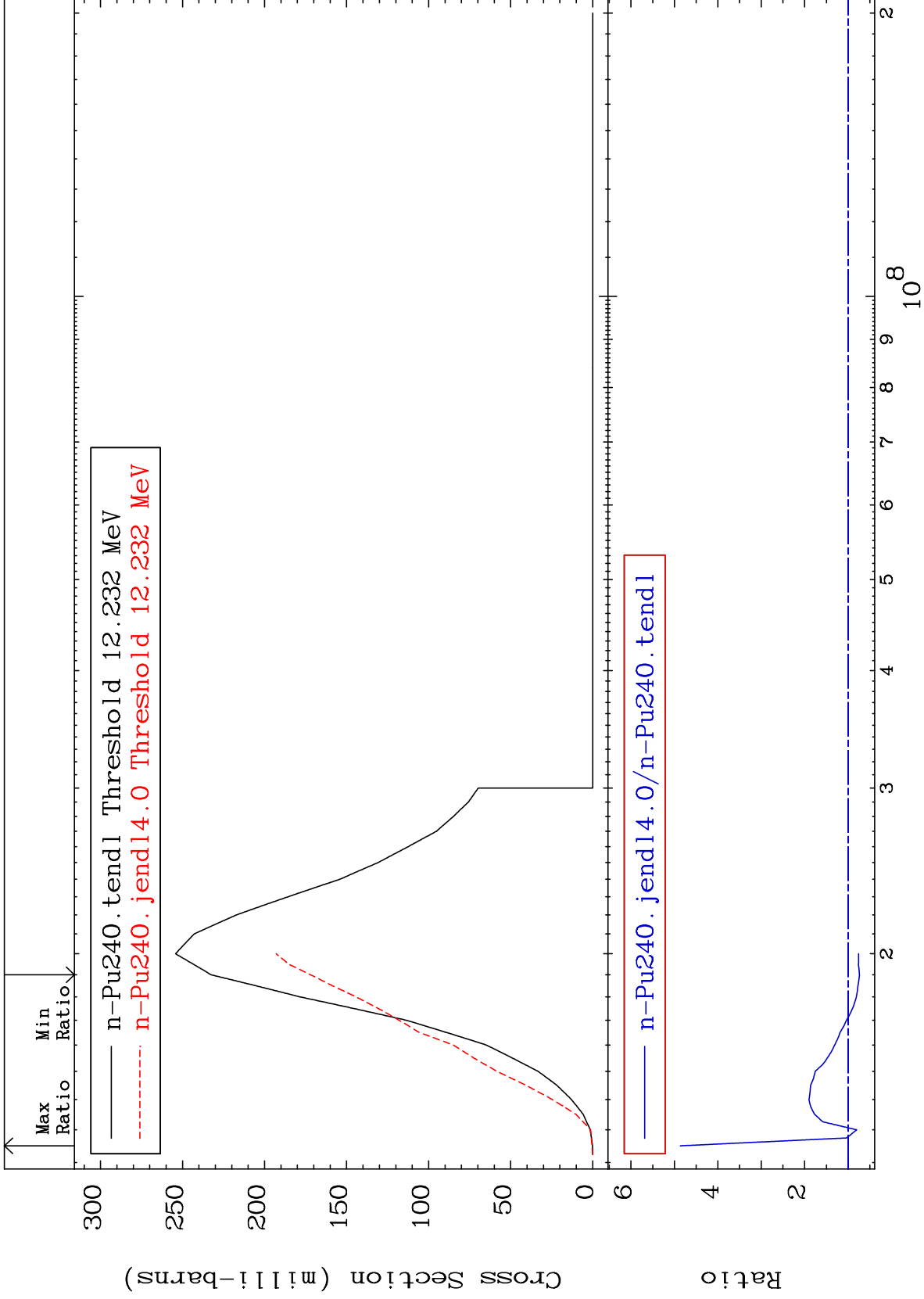
Incident Energy (eV)

94-Pu-240

MAT 9440

(n,3n)
Cross Section

94-Pu-240
-26.07 To 386.3 %

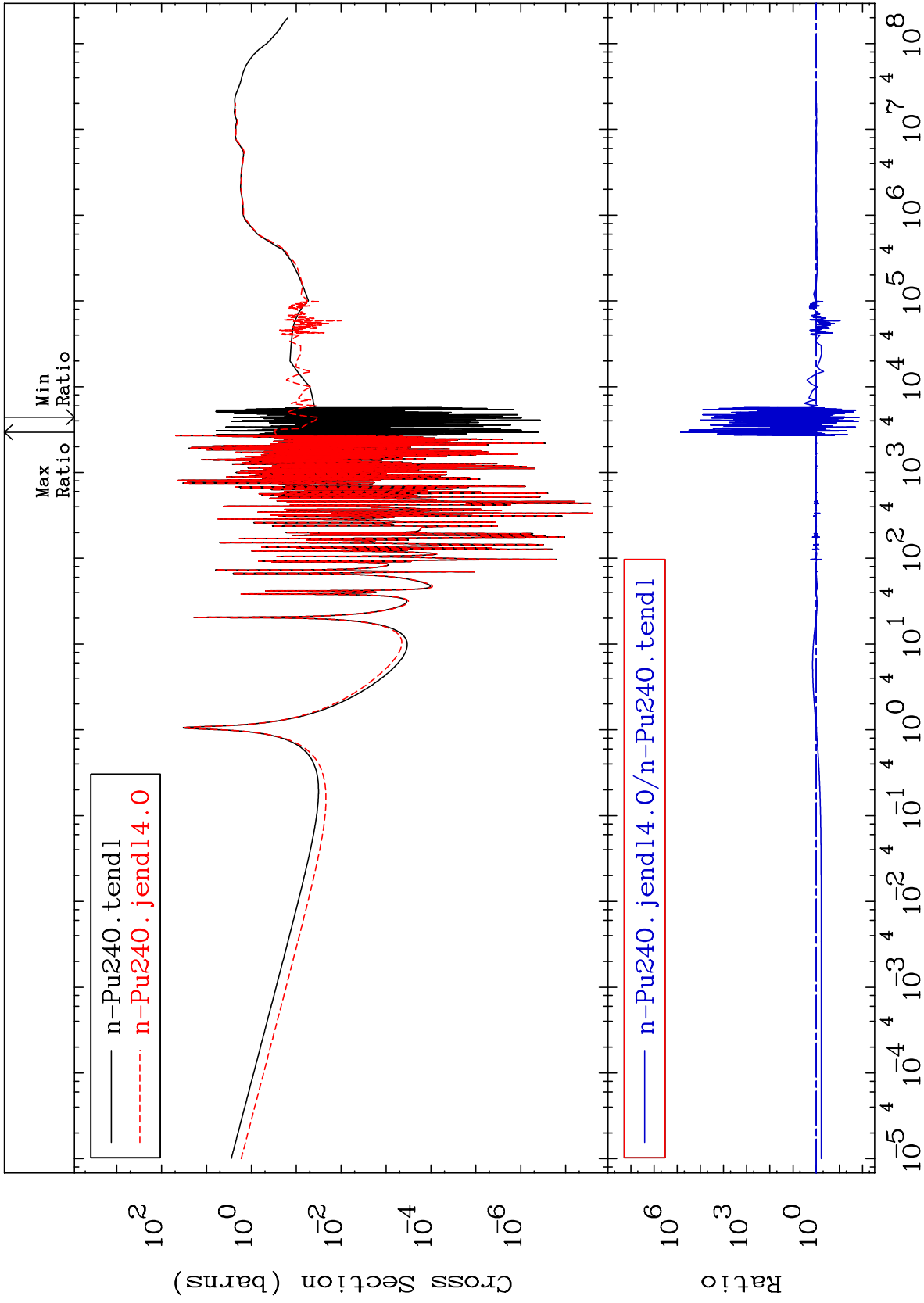


5

94-Pu-240

MAT 9440

Fission Cross Section
94-Pu-240
-98.64 To 9999. %



6

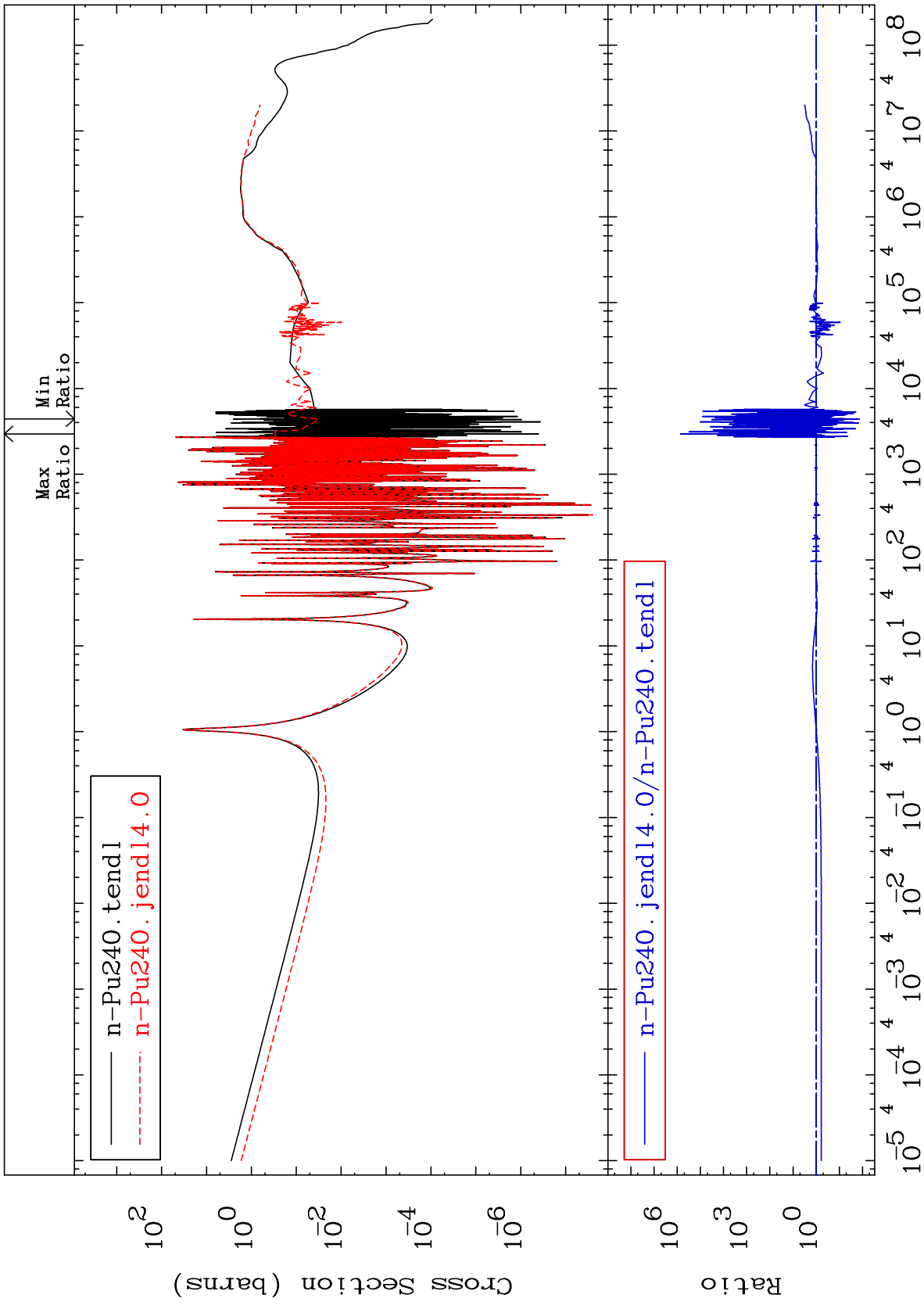
Incident Energy (eV)

94-Pu-240

MAT 9440

(n,f) First Chance
Cross Section

94-Pu-240
-98.64 To 9999. %



7

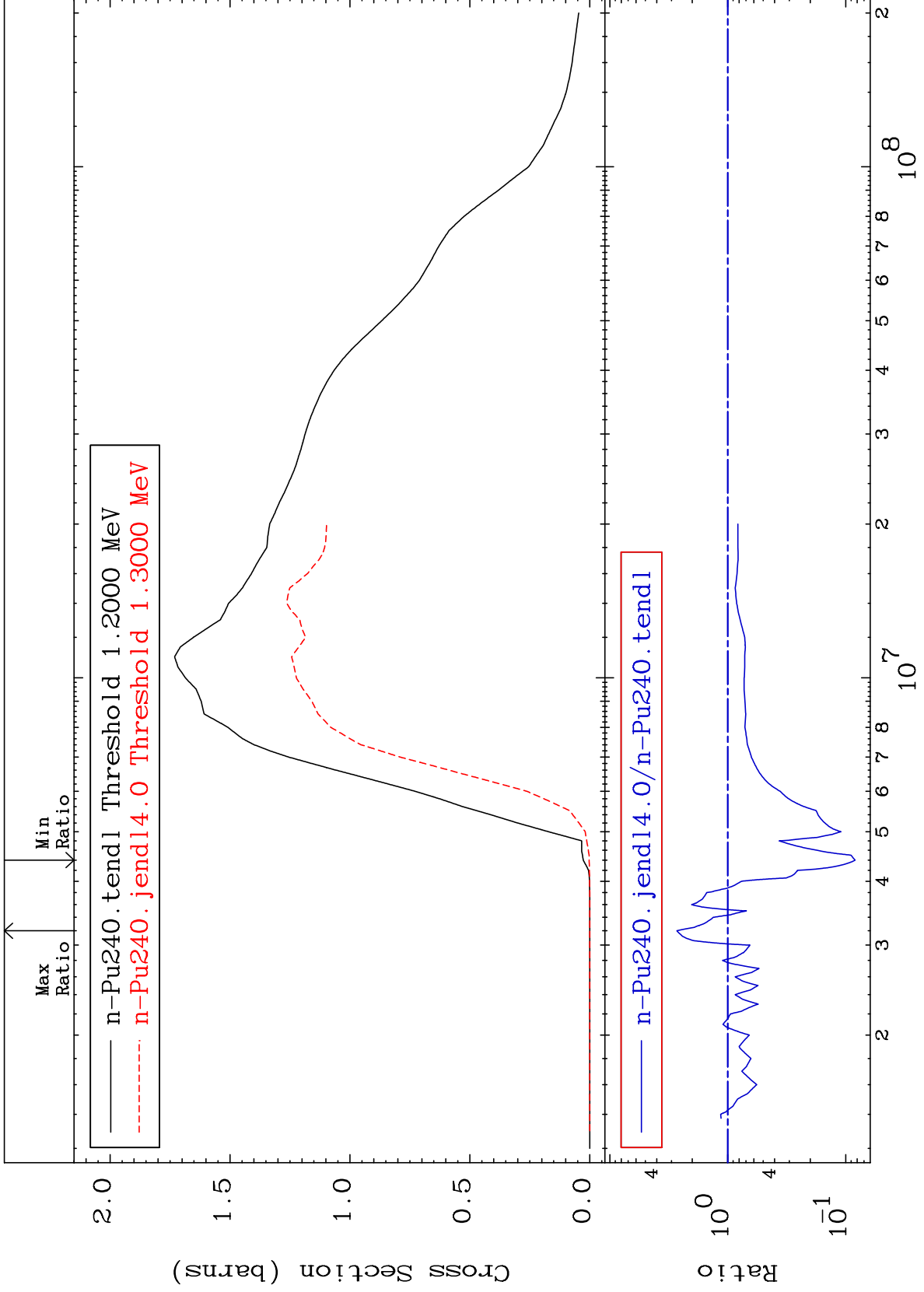
Incident Energy (eV)

94-Pu-240

MAT 9440

(n, nf) Second Chance
Cross Section

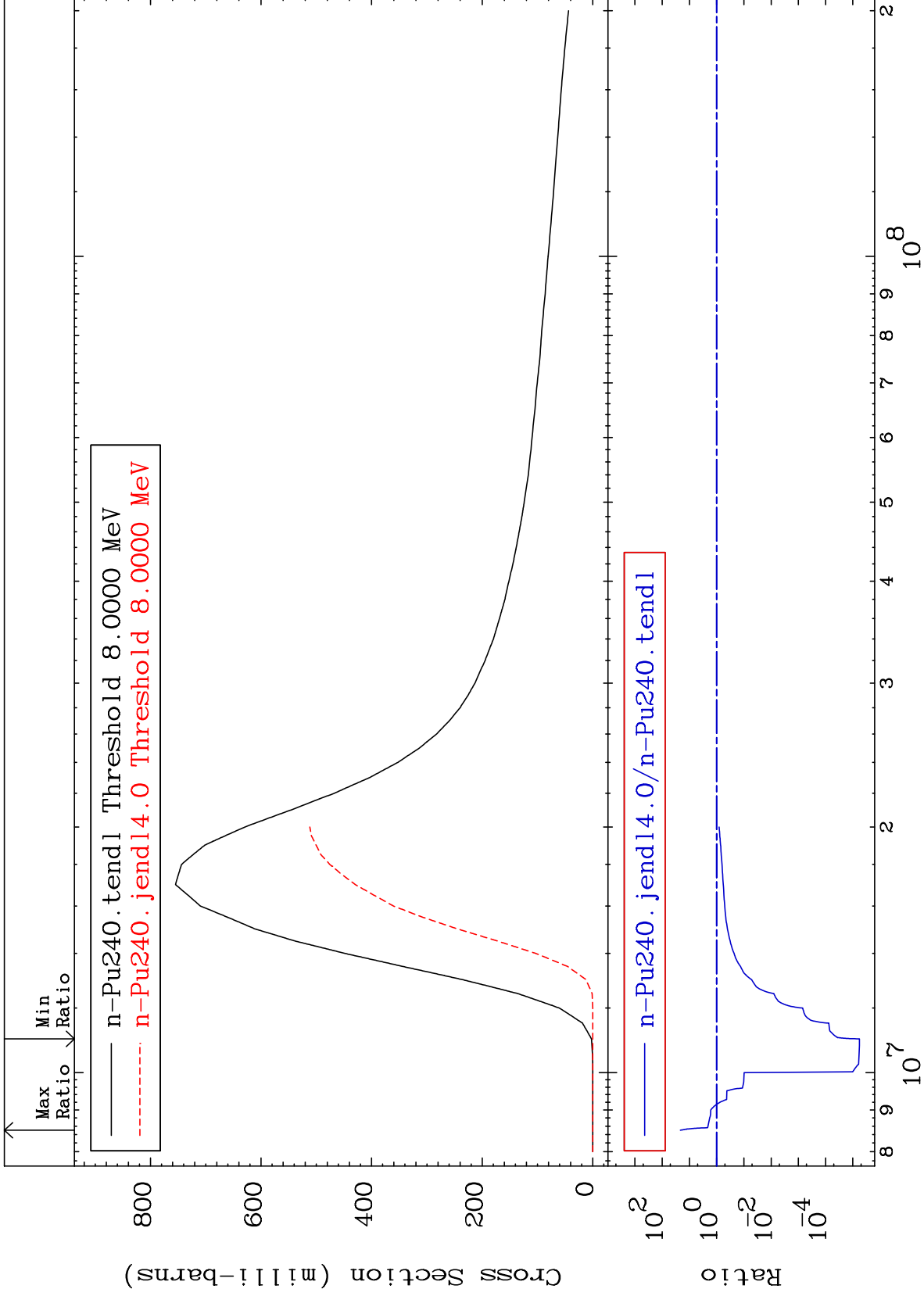
94-Pu-240
-91.68 To 169.9 %



MAT 9440

(n,2nf) Third Chance
Cross Section

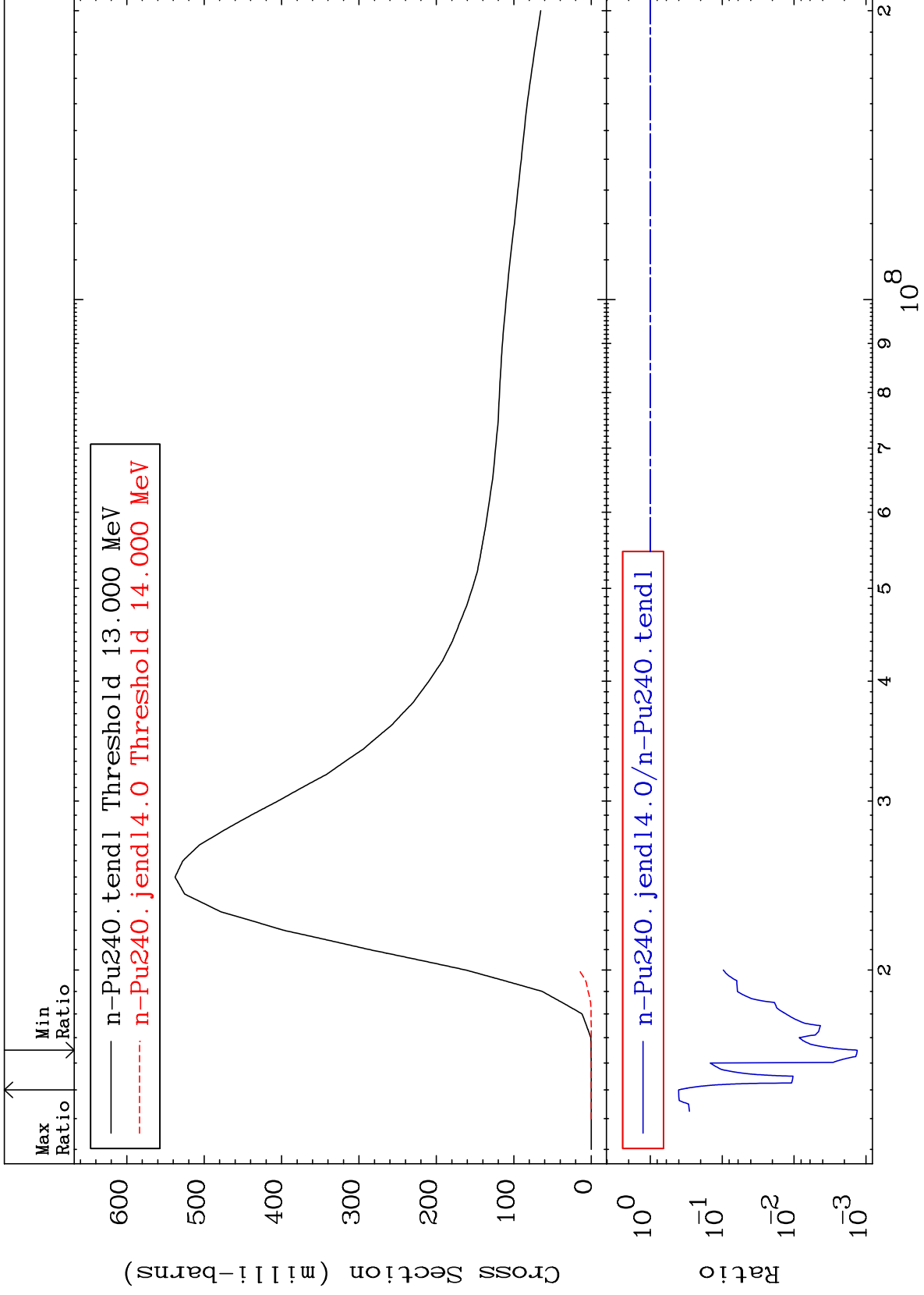
94-Pu-240
-100.0 To 2051. %



MAT 9440

(n,3nf) Fourth Chance
Cross Section

94-Pu-240
-99.87 To -59.67%



10

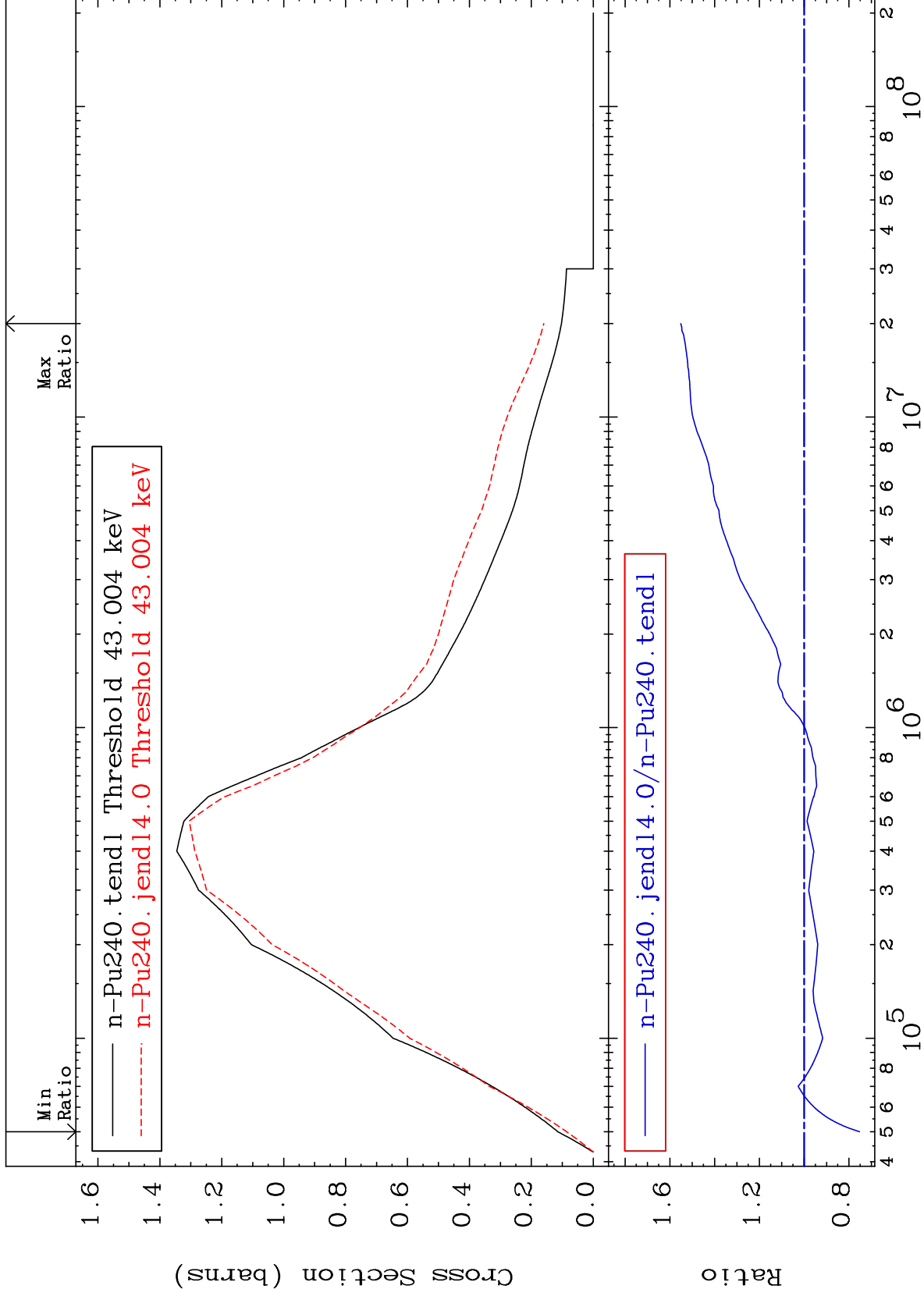
Incident Energy (eV)

94-Pu-240

MAT 9440

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

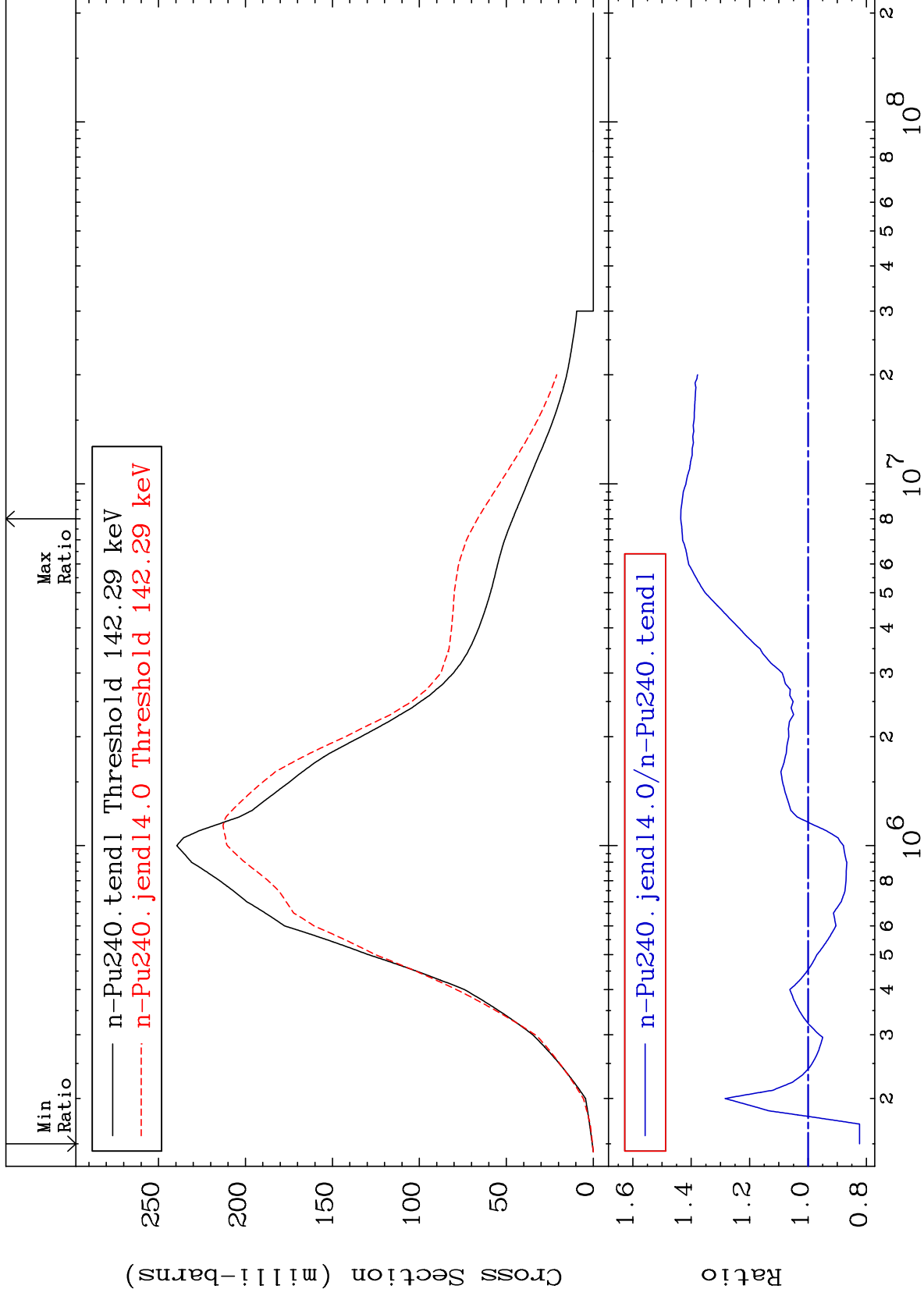
94-Pu-240
-24.74 To 55.12 %



MAT 9440

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

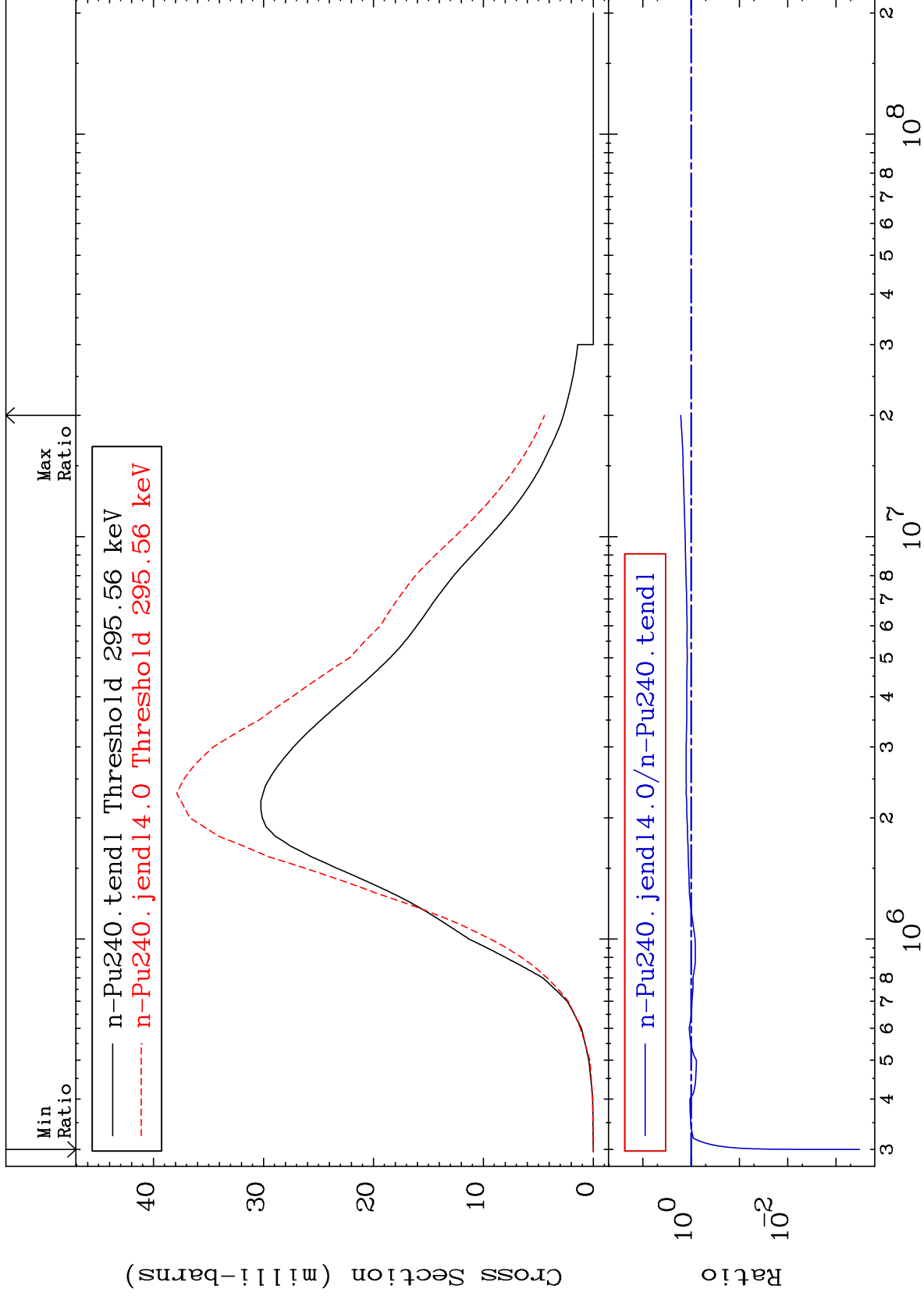
94-Pu-240
-17.63 To 43.58 %



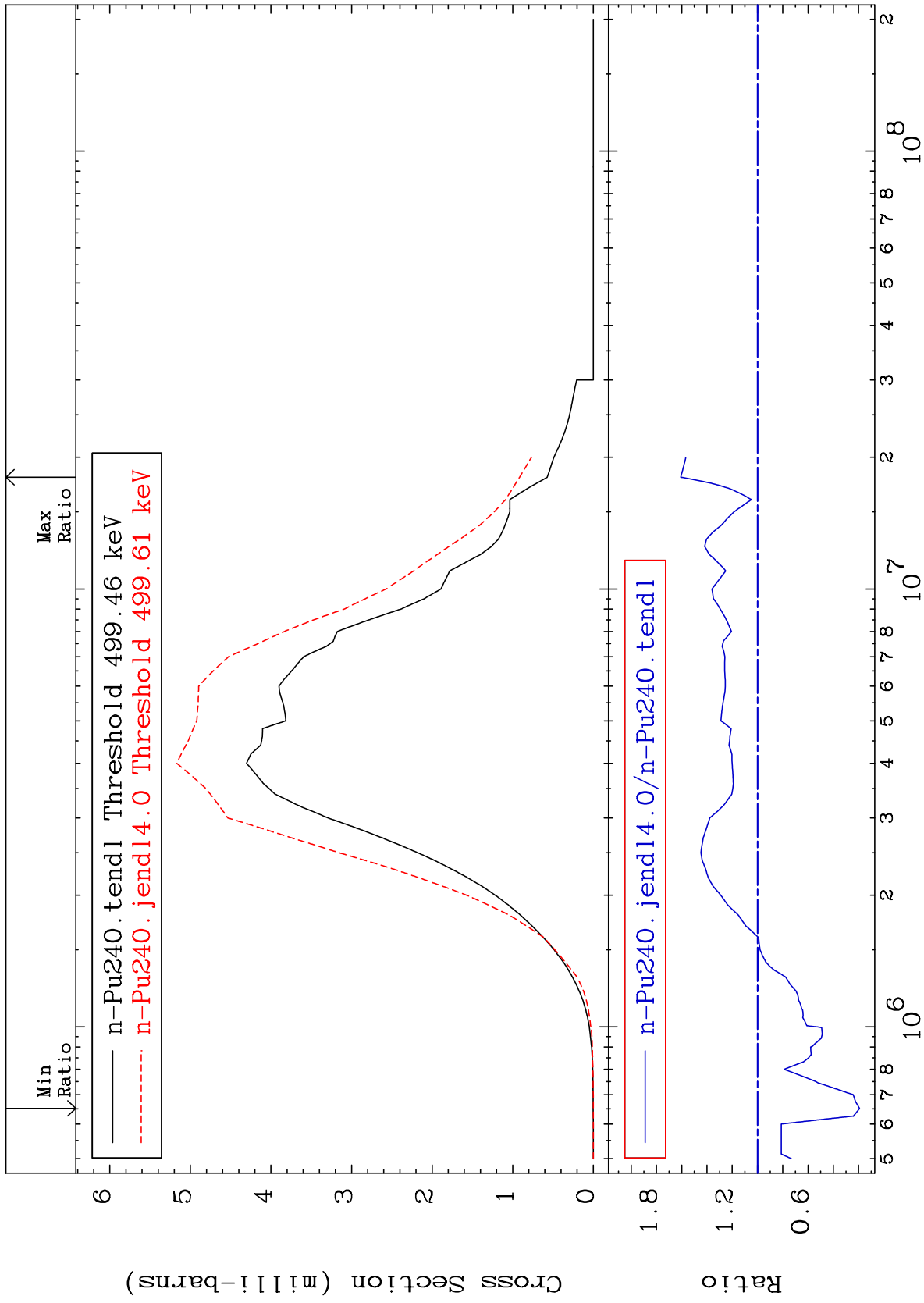
MAT 9440

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

94-Pu-240
-99.97 To 63.54 %



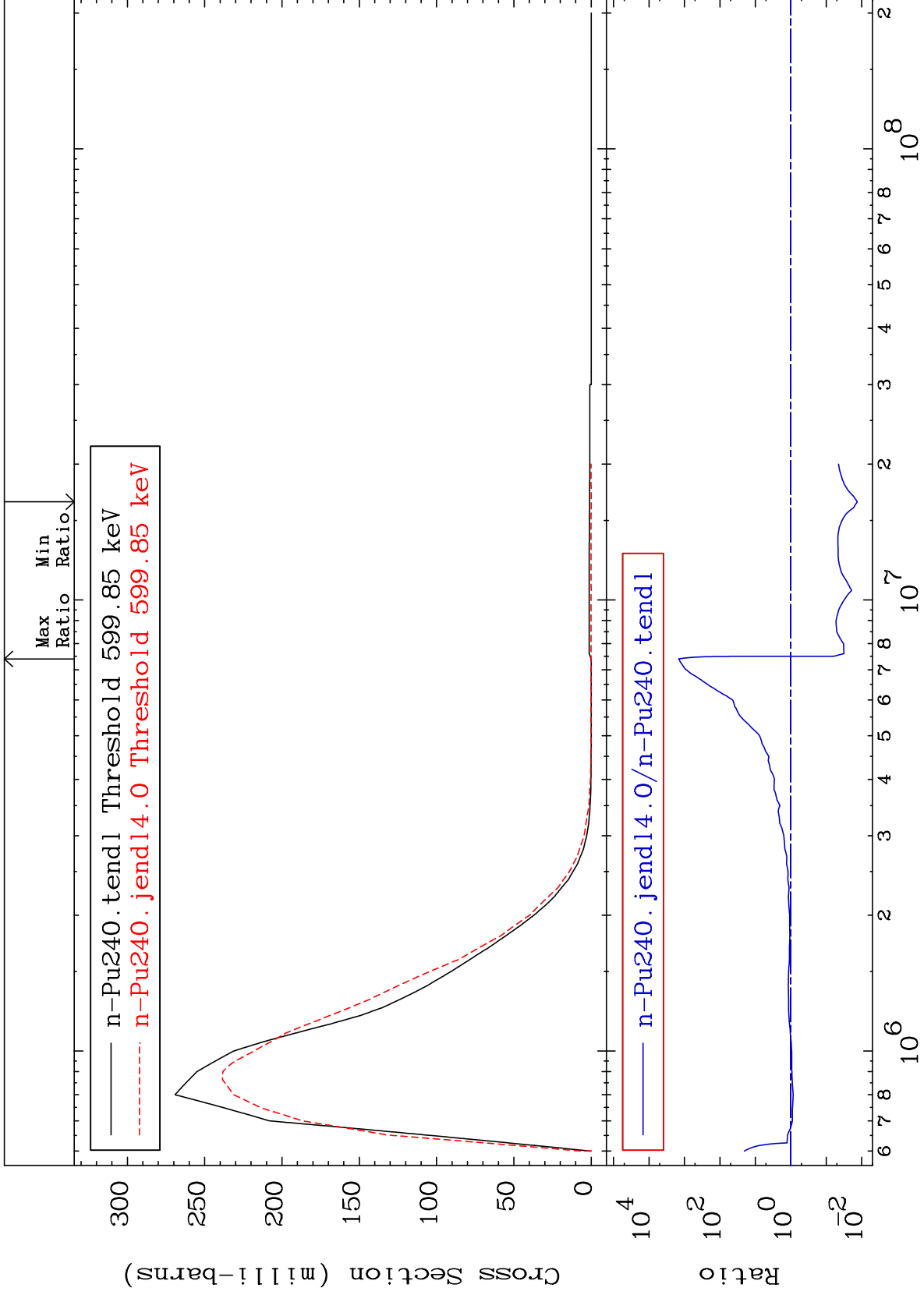
MAT 9440 MT= 54 (n,n') Level Cross Section 94-Pu-240
 -80.76 To 60.74 %



MAT 9440

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

94-Pu-240
-98.67 To 9999. %



15

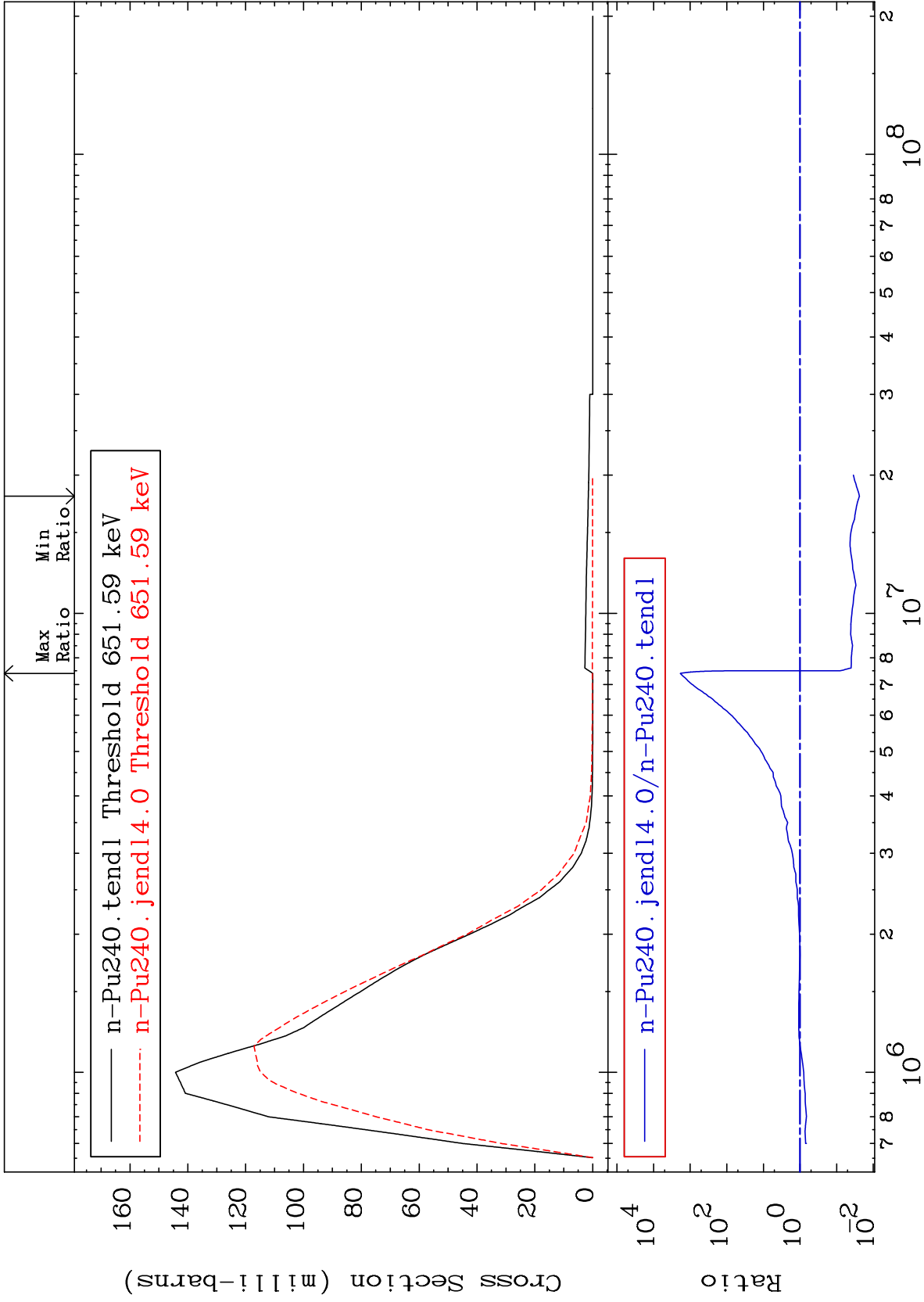
Incident Energy (eV)

94-Pu-240

MAT 9440

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

94-Pu-240
-97.62 To 9999. %

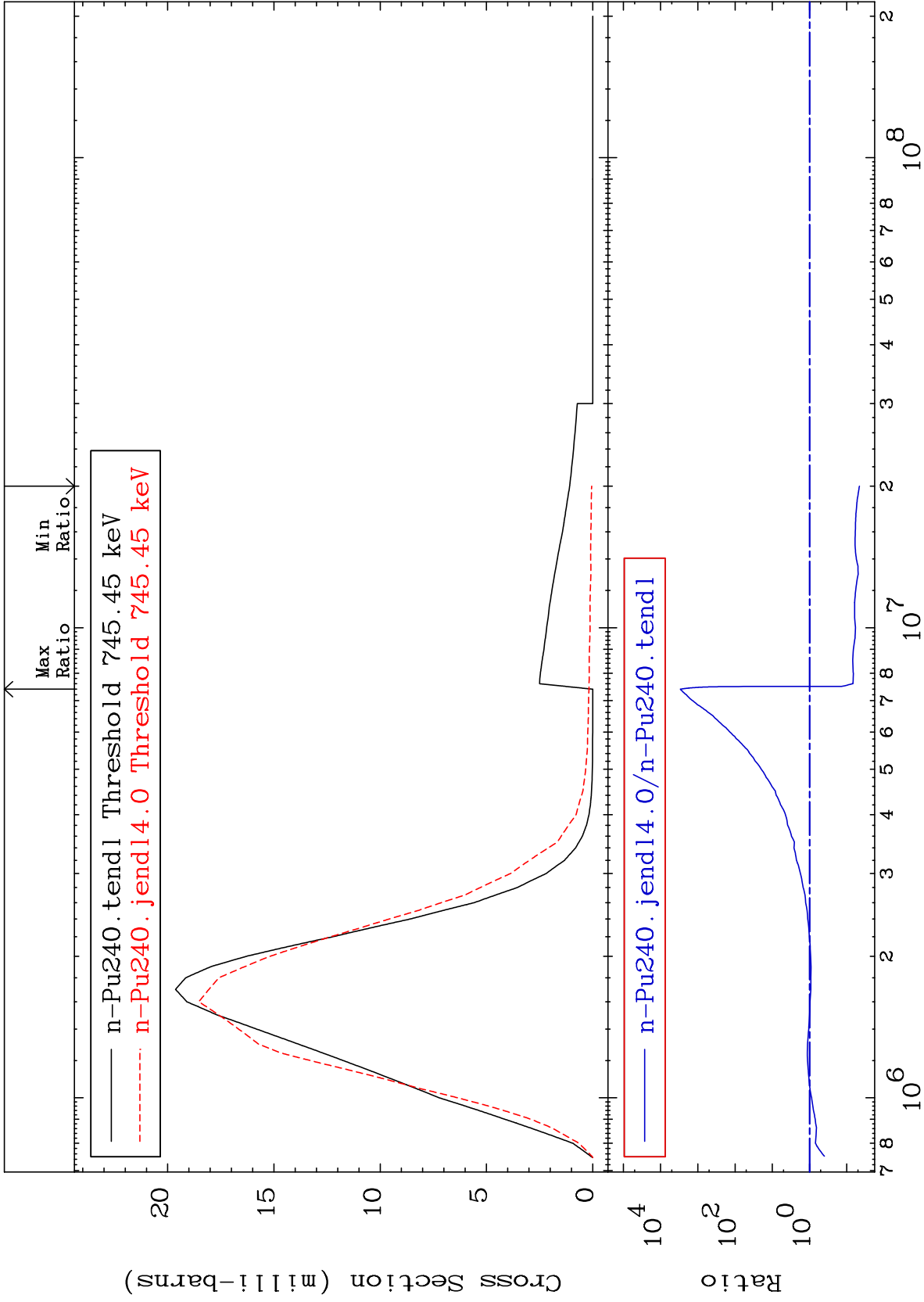


MAT 9440

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

94-Pu-240
-95.43 To 9999. %

— n-Pu240.tendl Threshold 745.45 keV
- - - n-Pu240.jendl4.0 Threshold 745.45 keV



17

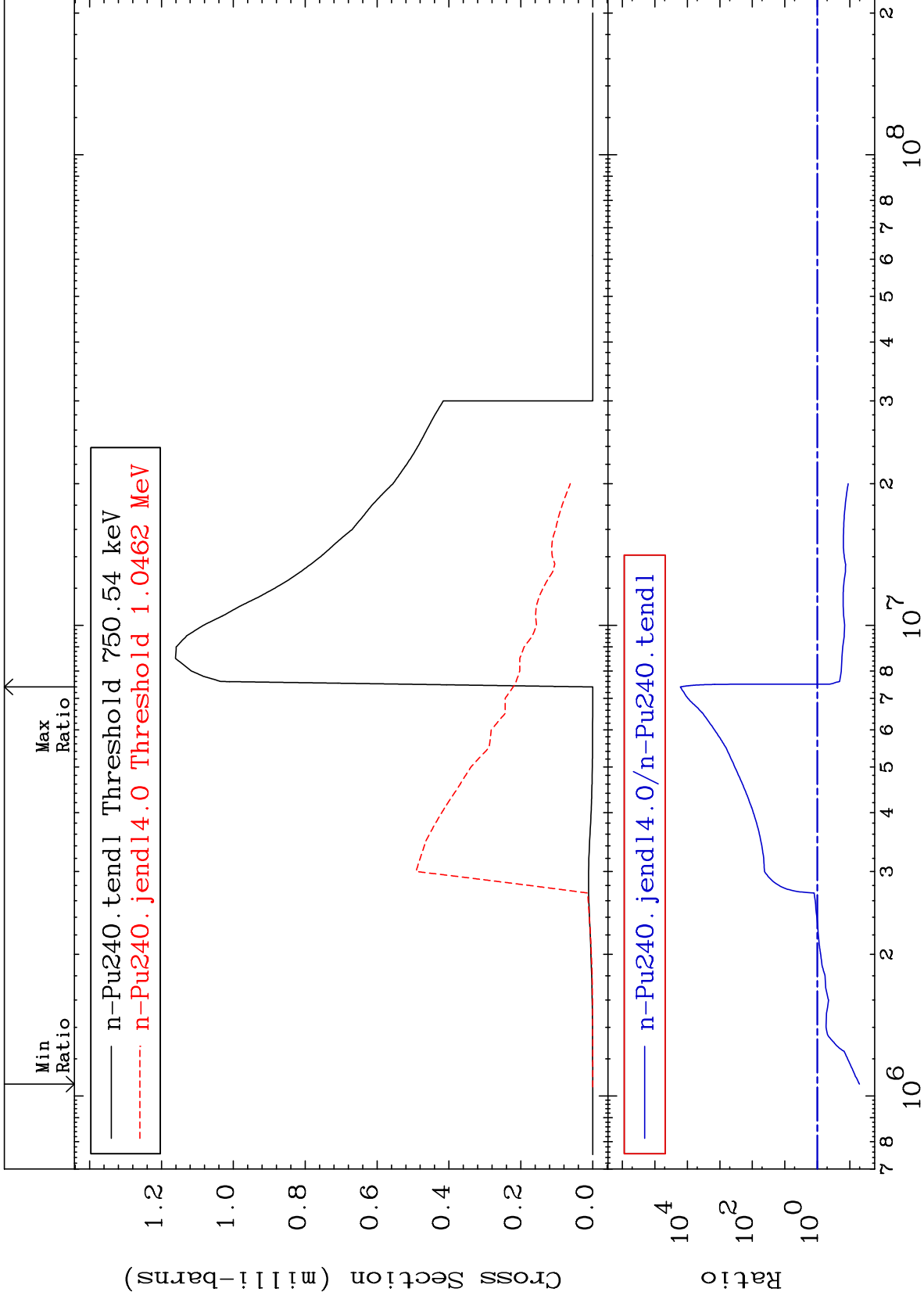
Incident Energy (eV)

94-Pu-240

MAT 9440

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

94-Pu-240
-94.96 To 9999. %



18

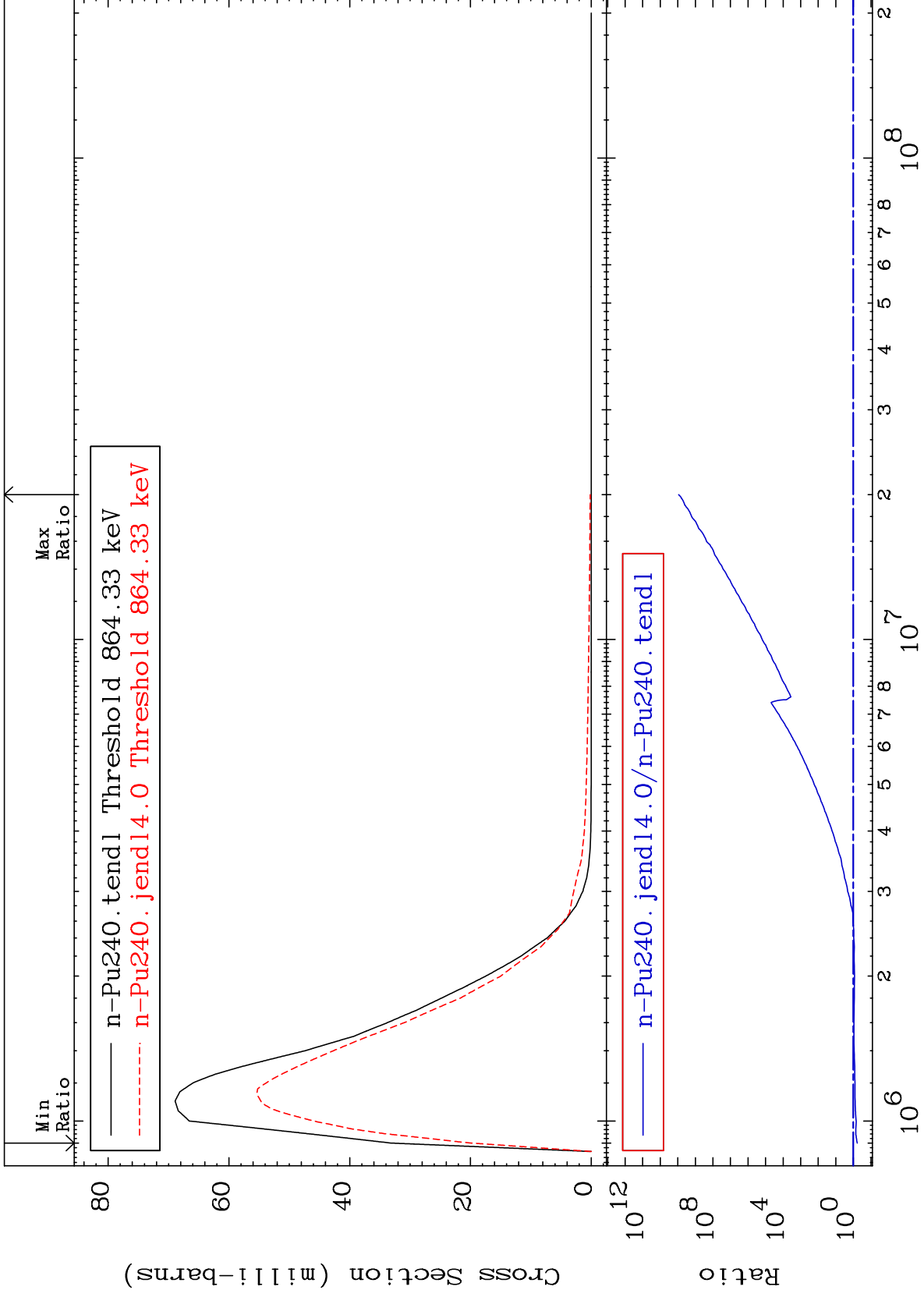
Incident Energy (eV)

94-Pu-240

MAT 9440

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

94-Pu-240
-40.14 To 9999. %



19

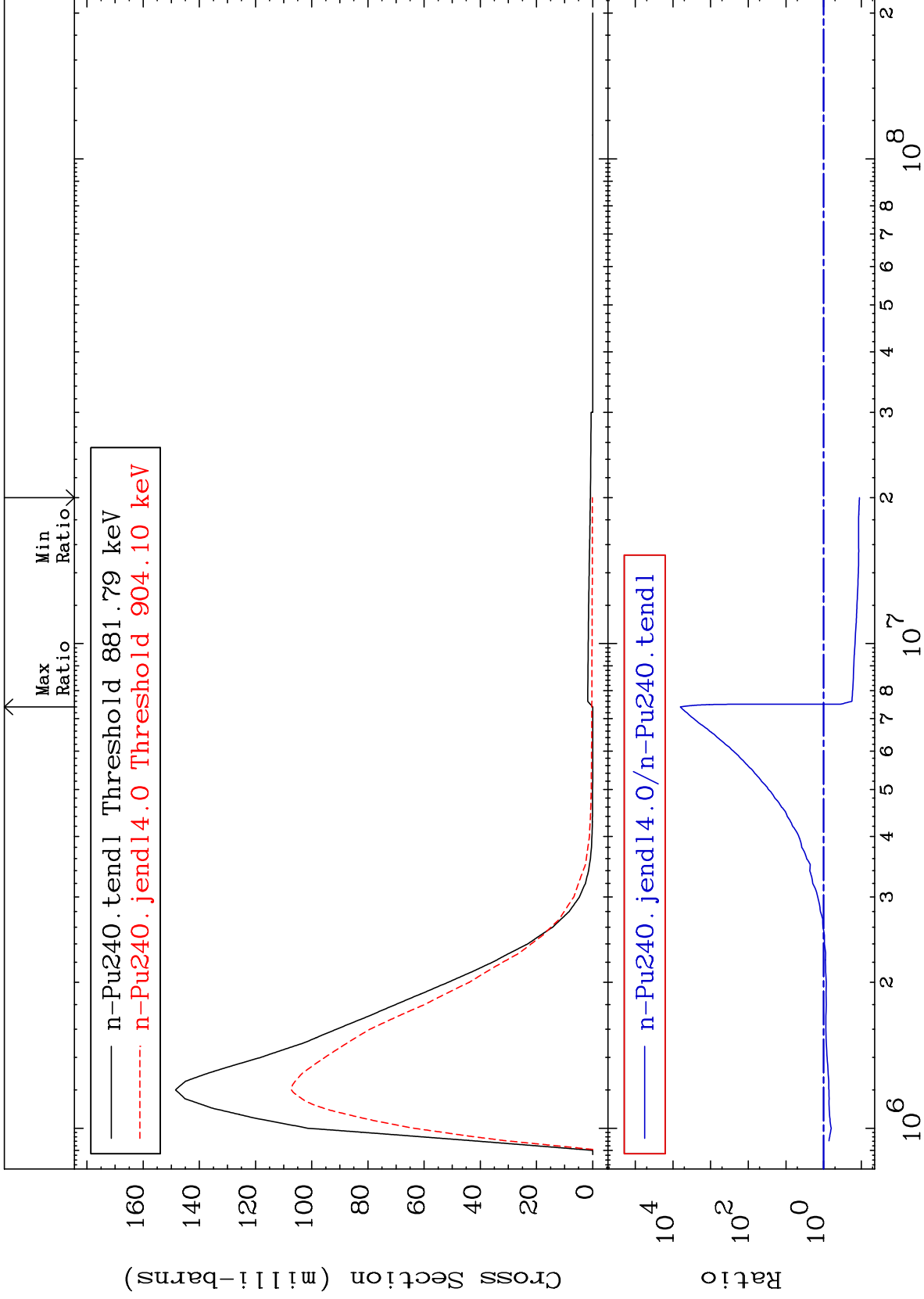
Incident Energy (eV)

94-Pu-240

MAT 9440

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

94-Pu-240
-88.82 To 9999. %



20

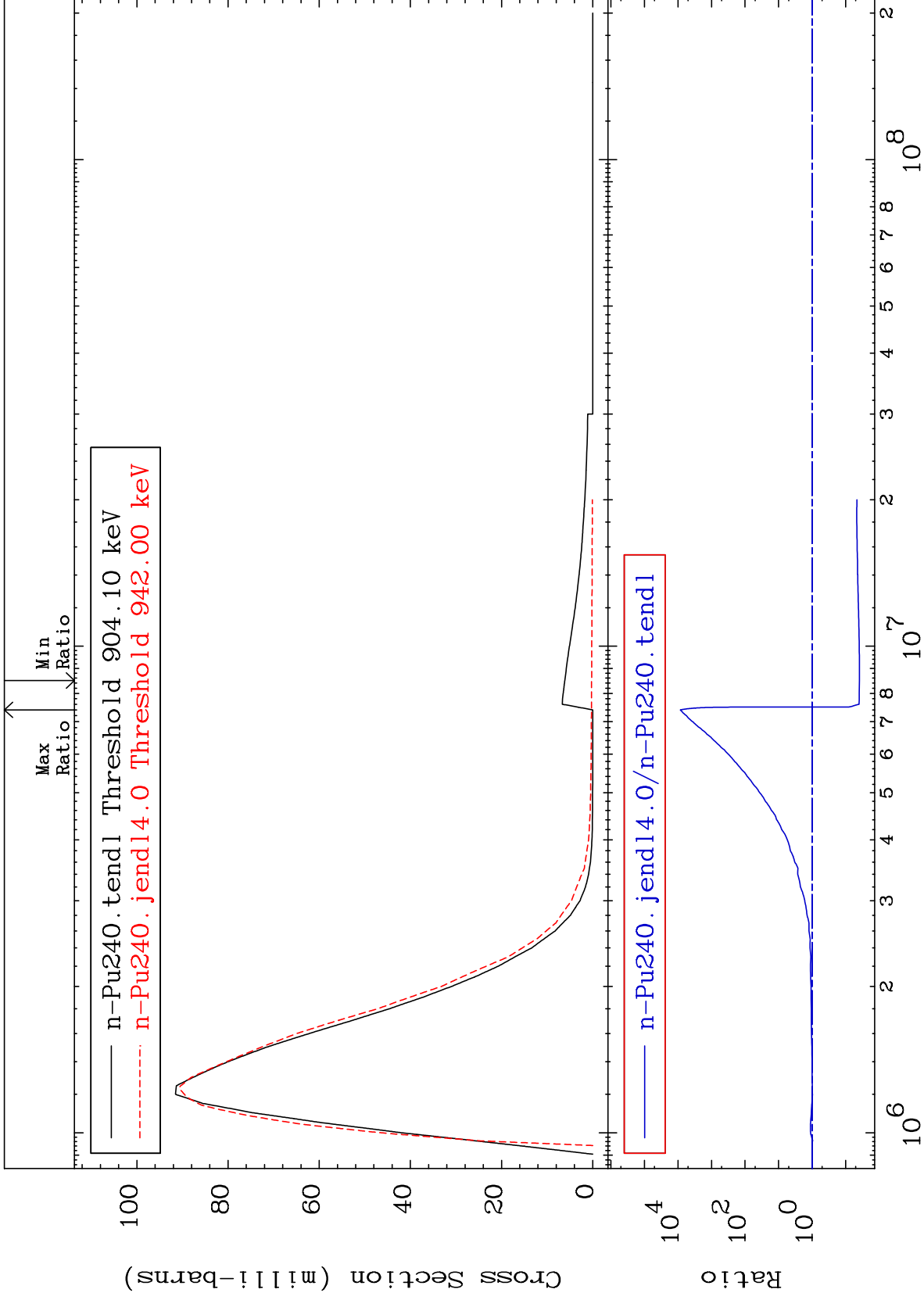
Incident Energy (eV)

94-Pu-240

MAT 9440

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

94-Pu-240
-96.12 To 9999. %



21

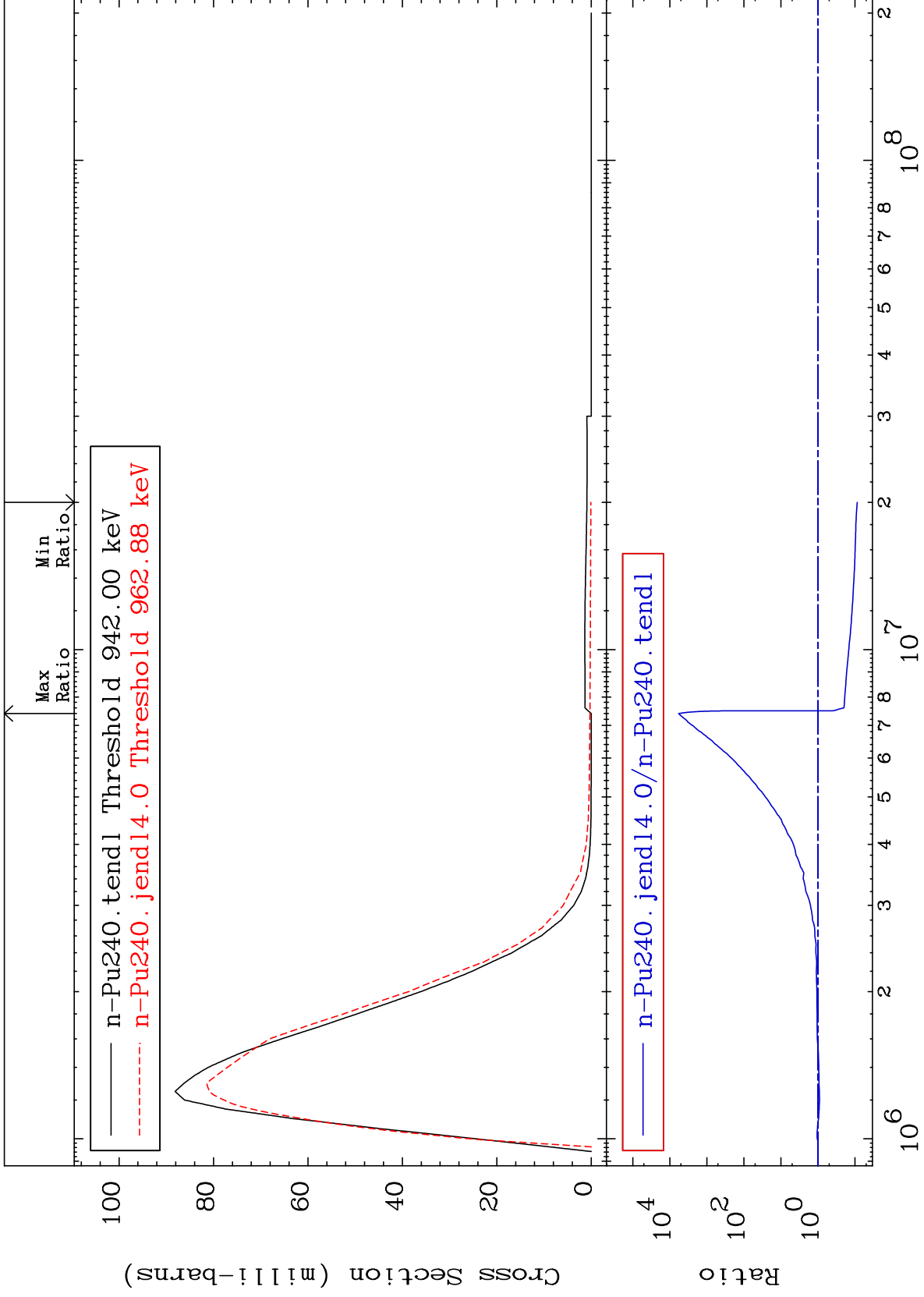
Incident Energy (eV)

94-Pu-240

MAT 9440

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

94-Pu-240
-91.27 To 9999. %



22

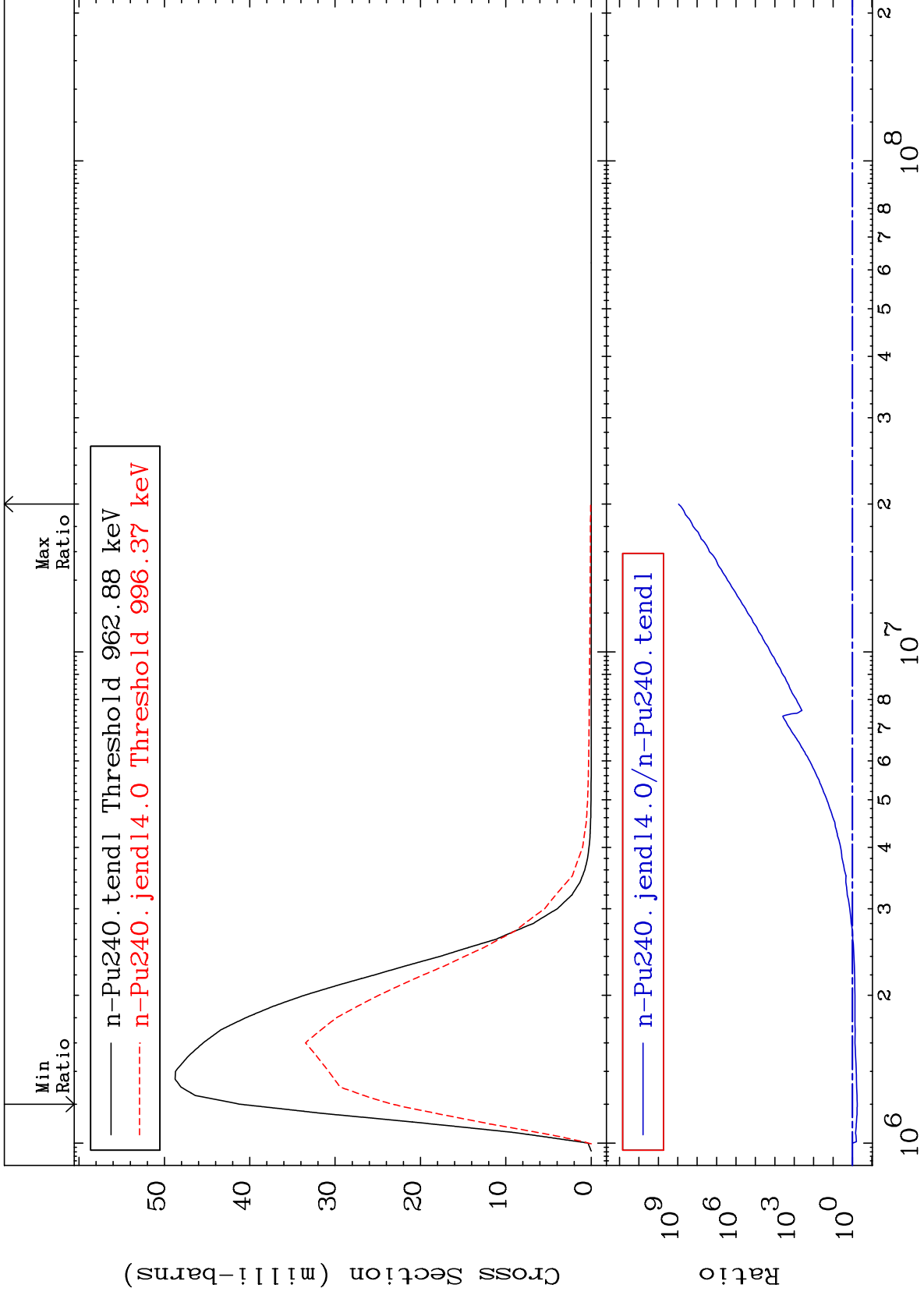
Incident Energy (eV)

94-Pu-240

MAT 9440

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

94-Pu-240
-43.53 To 9999. %



23

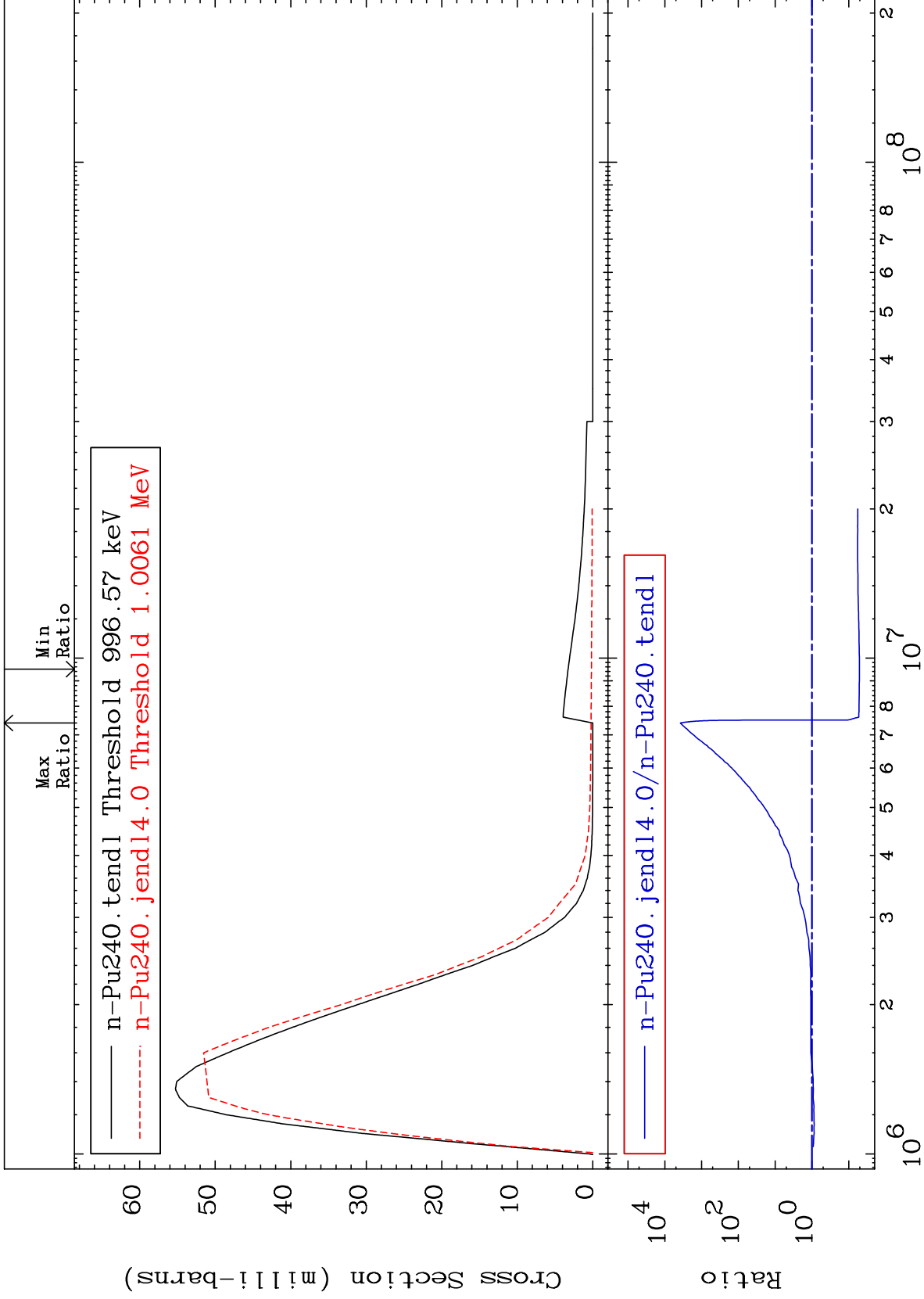
Incident Energy (eV)

94-Pu-240

MAT 9440

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

94-Pu-240
-94.87 To 9999. %



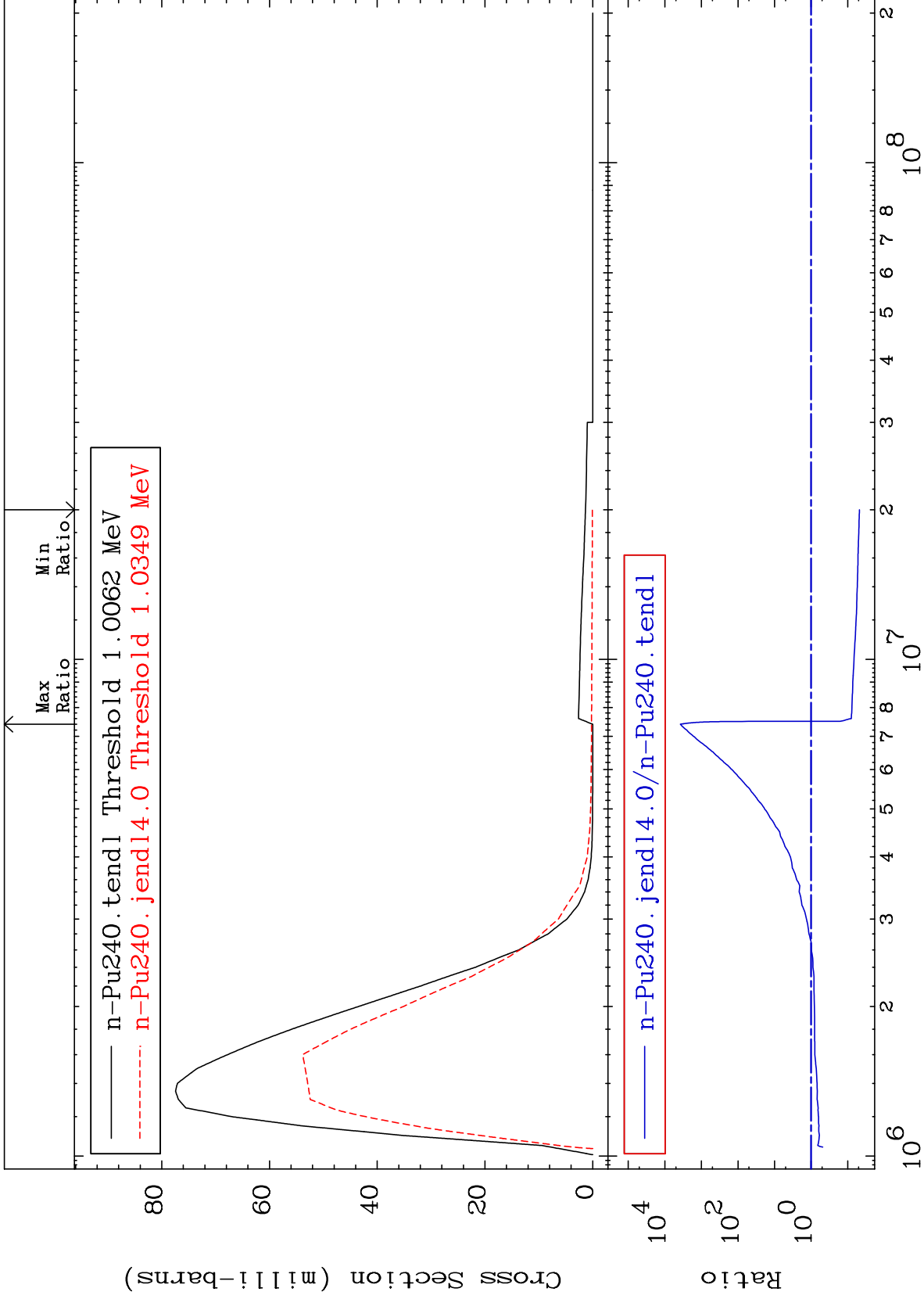
24

94-Pu-240

MAT 9440

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

94-Pu-240
-95.24 To 9999. %



25

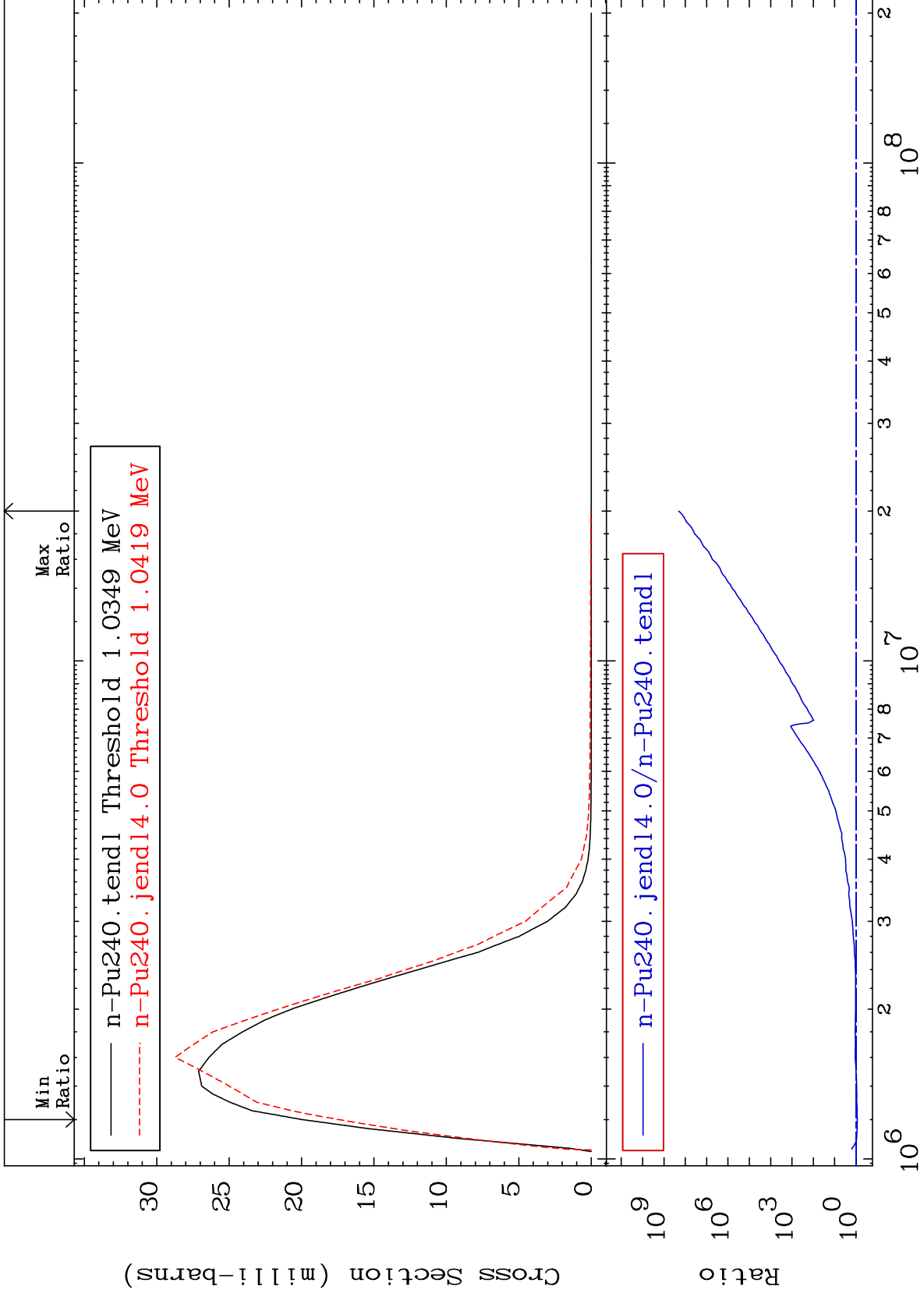
Incident Energy (eV)

94-Pu-240

MAT 9440

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

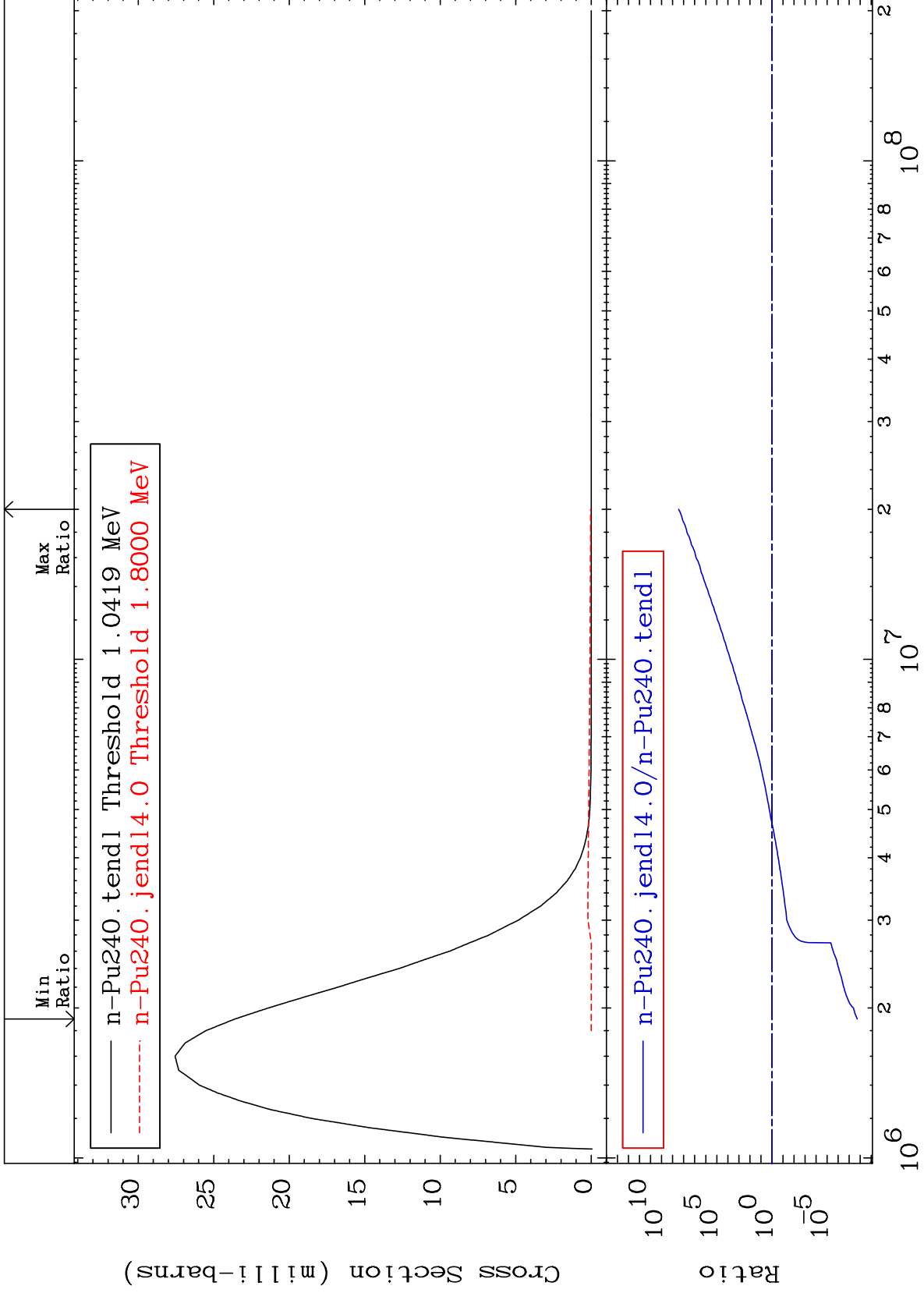
94-Pu-240
-12.67 To 9999. %



MAT 9440

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

94-Pu-240
-100.0 To 9999. %



27

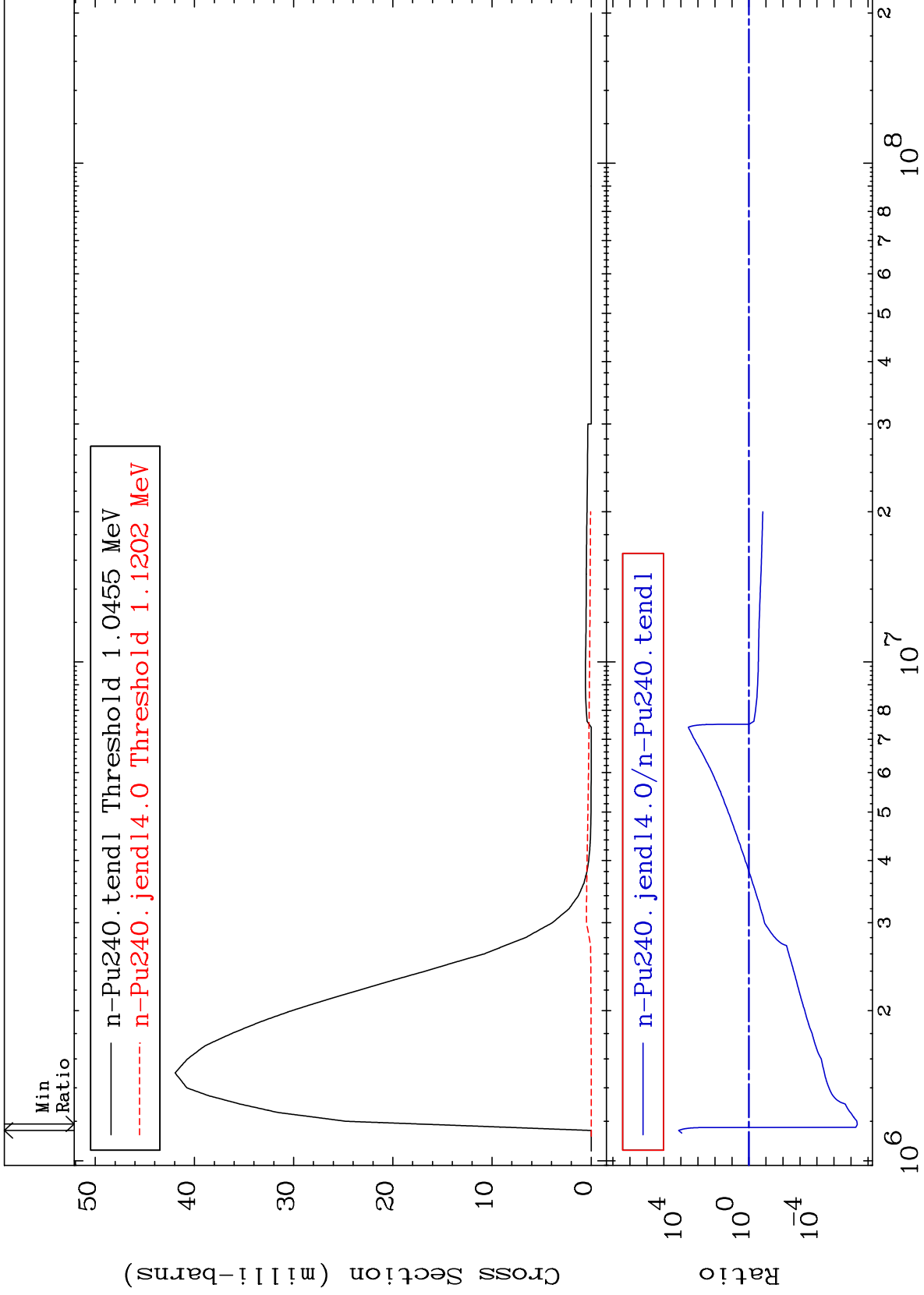
Incident Energy (eV)

94-Pu-240

MAT 9440

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

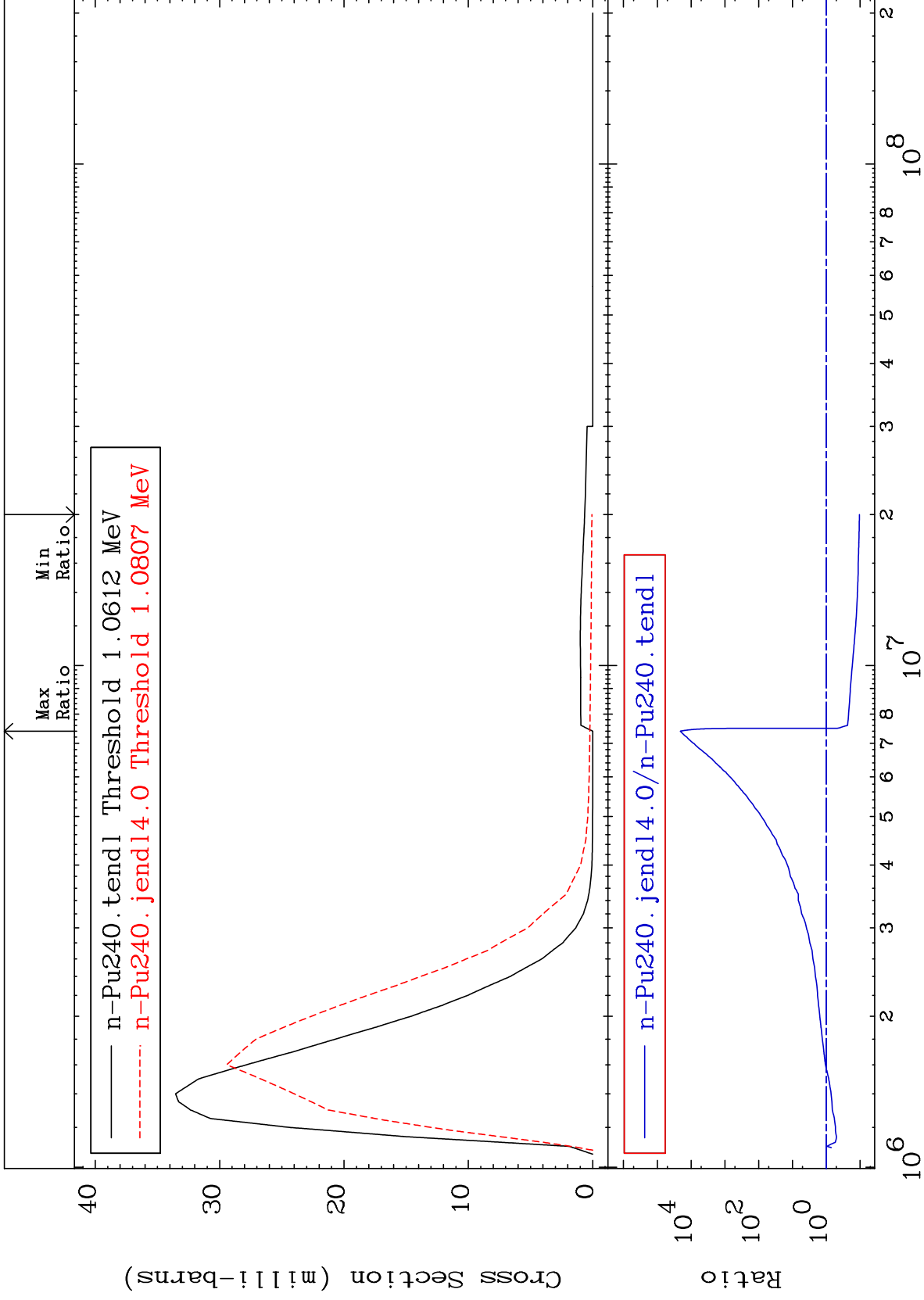
94-Pu-240
-100.0 To 9999. %



MAT 9440

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

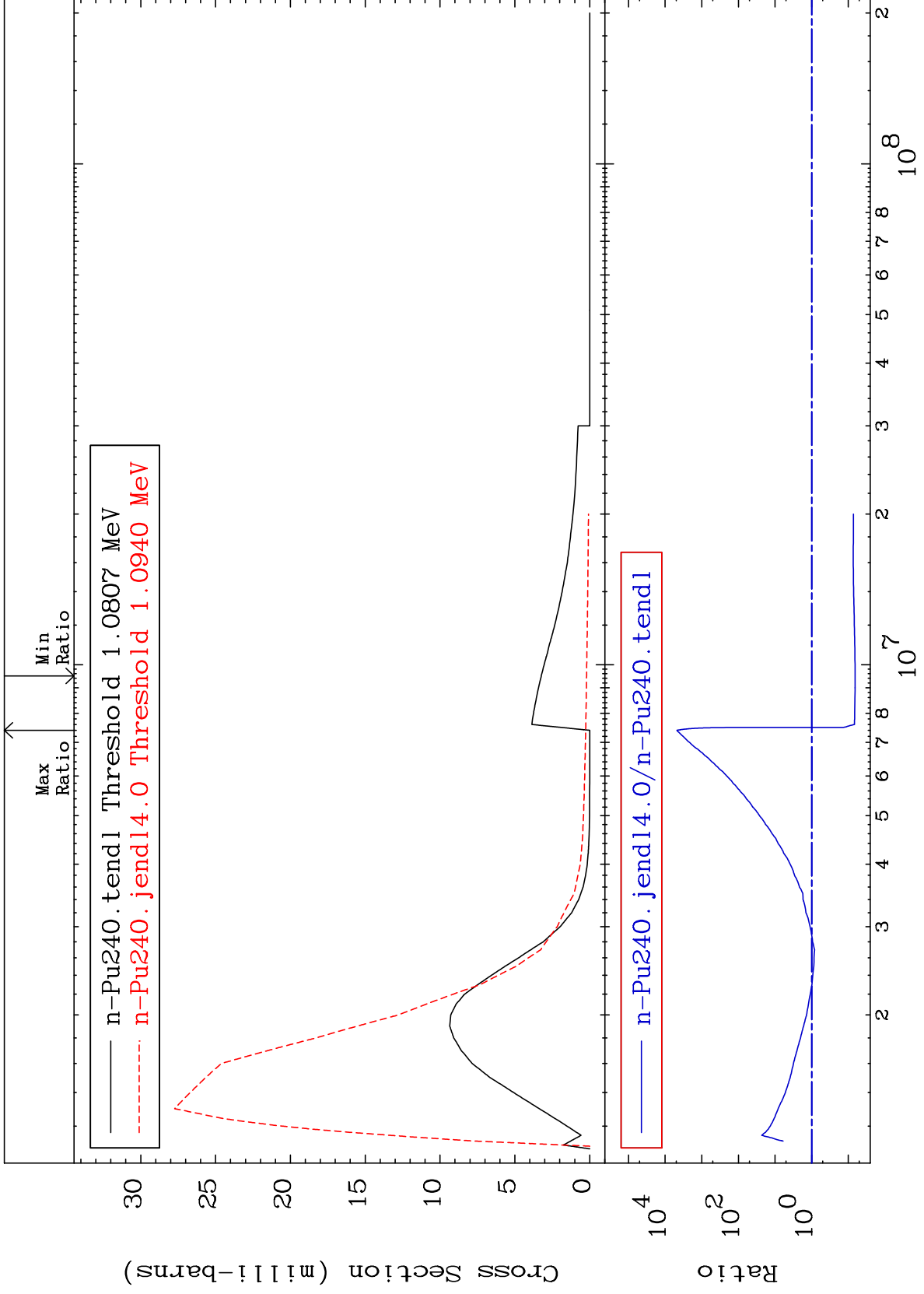
94-Pu-240
-89.61 To 9999. %



MAT 9440

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

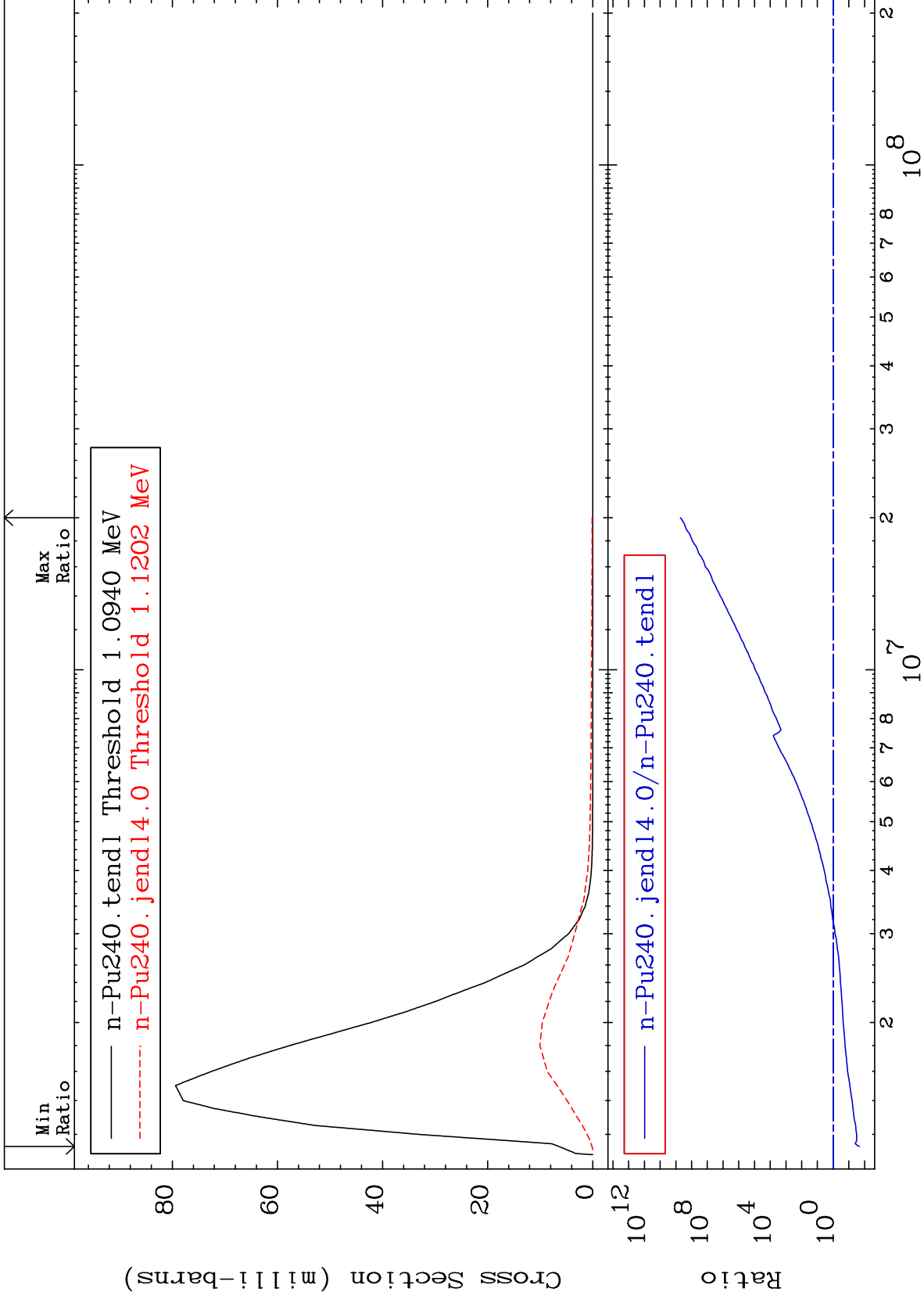
94-Pu-240
-93.48 To 9999. %



MAT 9440

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

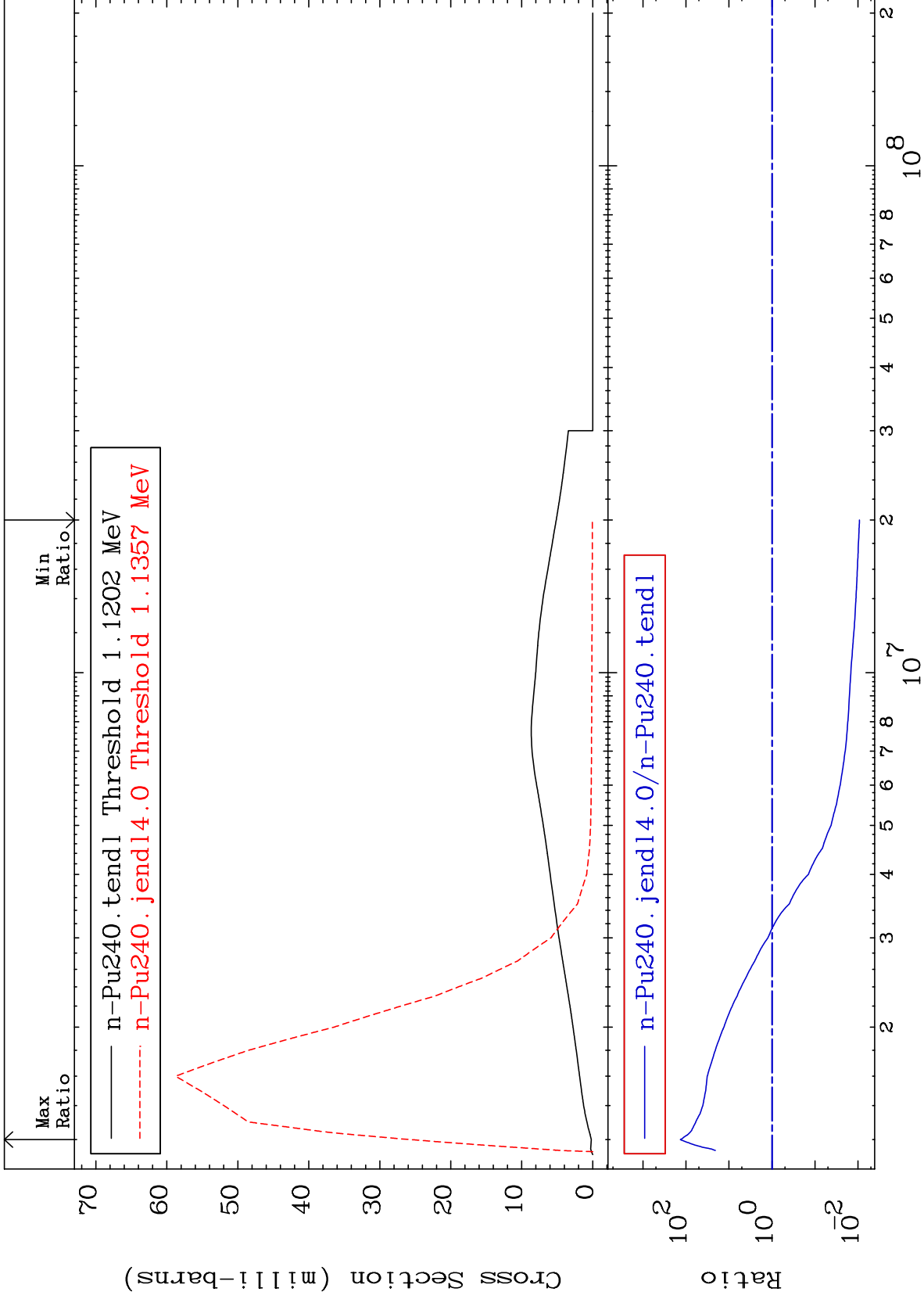
94-Pu-240
-97.87 To 9999. %



MAT 9440

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

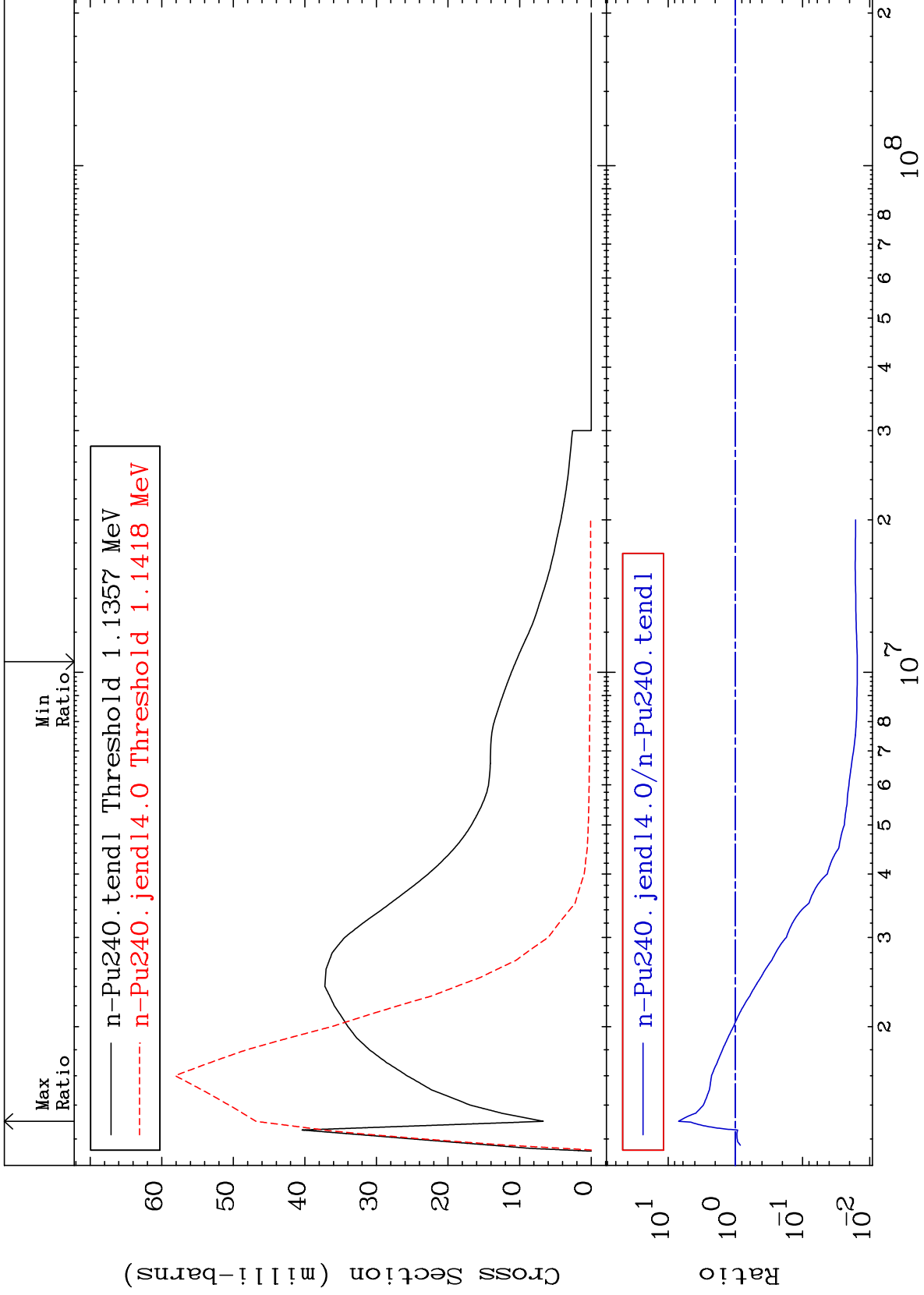
94-Pu-240
-99.07 To 9999. %



MAT 9440

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

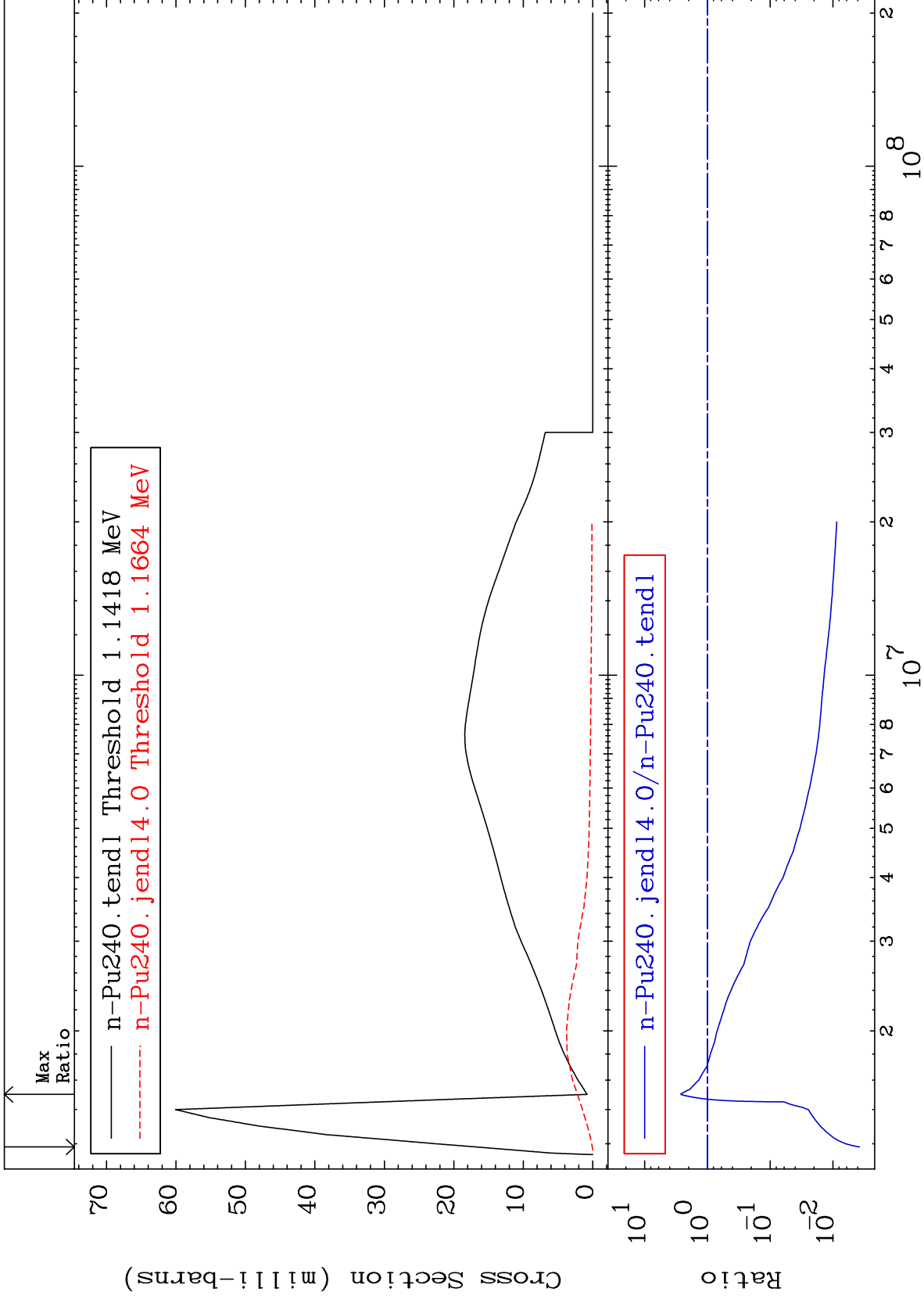
94-Pu-240
-98.47 To 598.2 %



MAT 9440

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

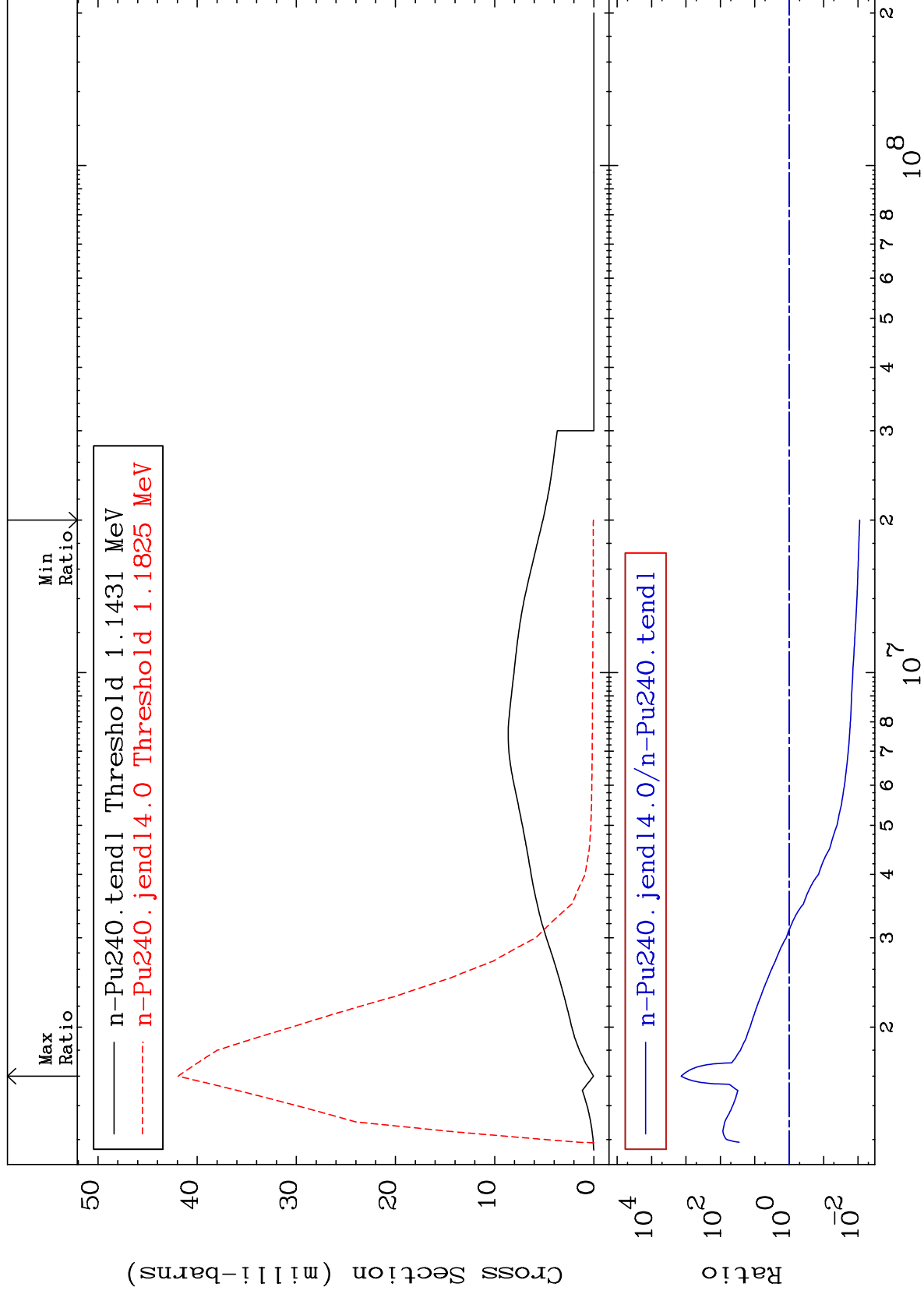
94-Pu-240
-99.62 To 170.2 %



MAT 9440

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

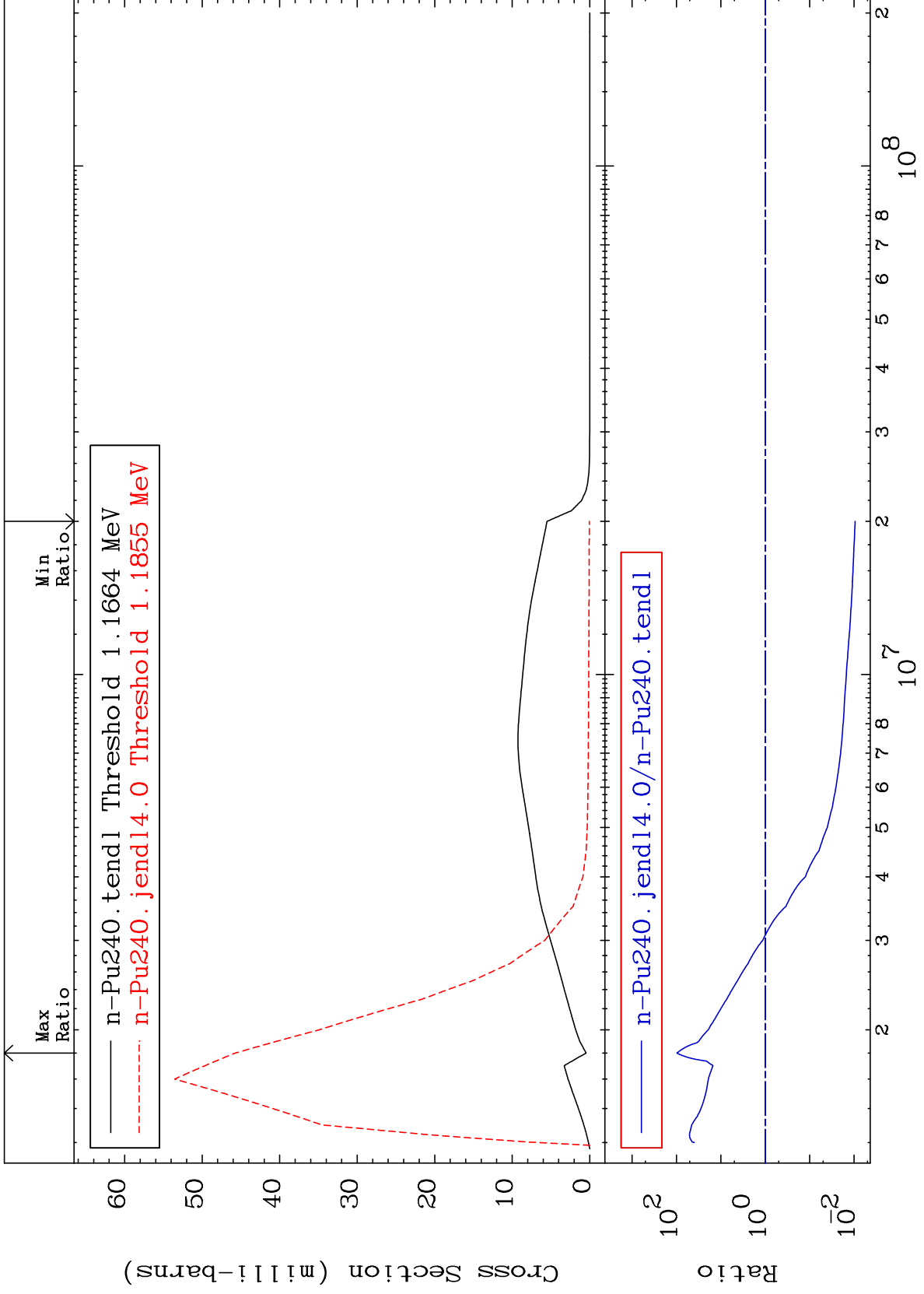
94-Pu-240
-99.10 To 9999. %



MAT 9440

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

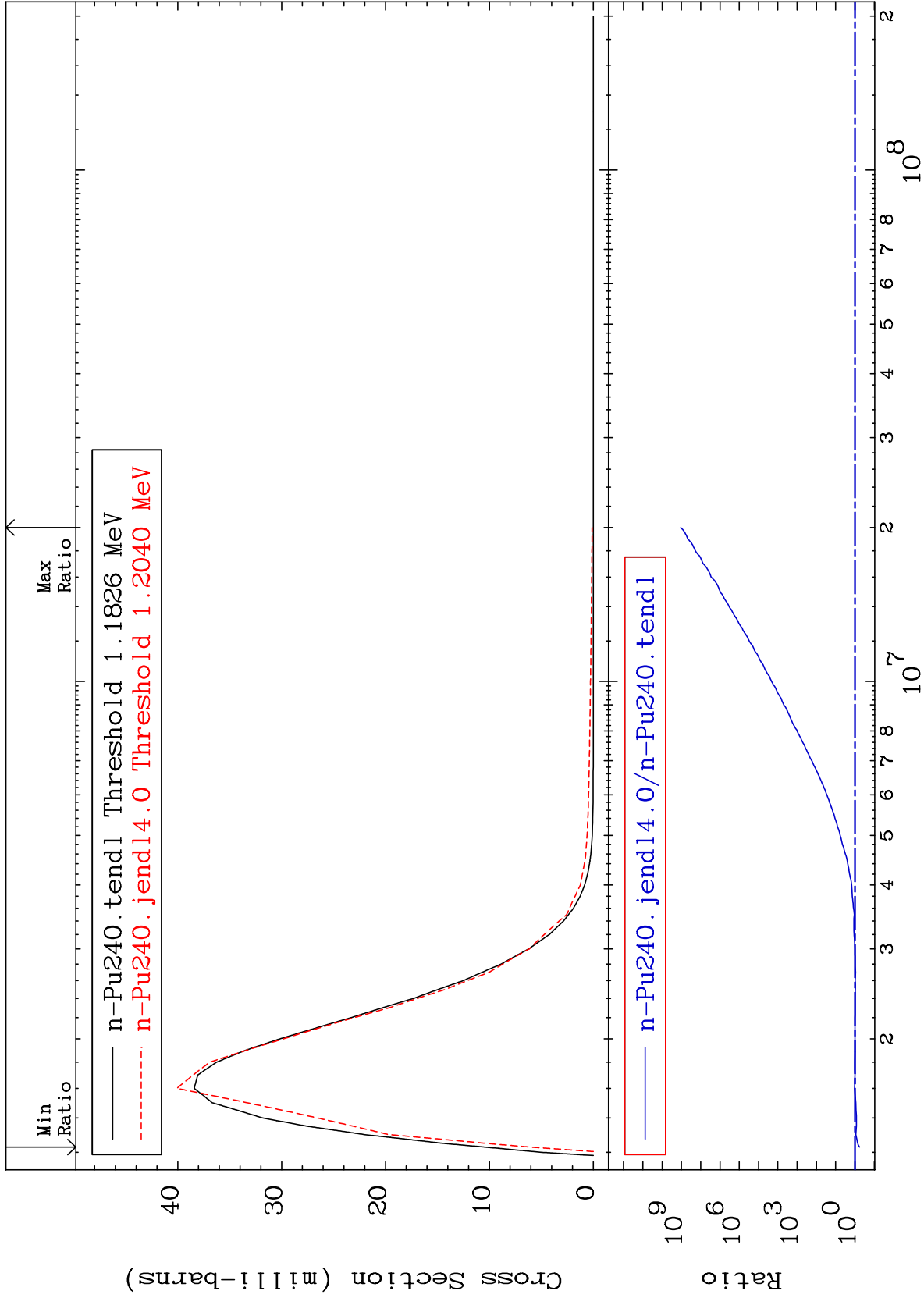
94-Pu-240
-99.05 To 9662. %



MAT 9440

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

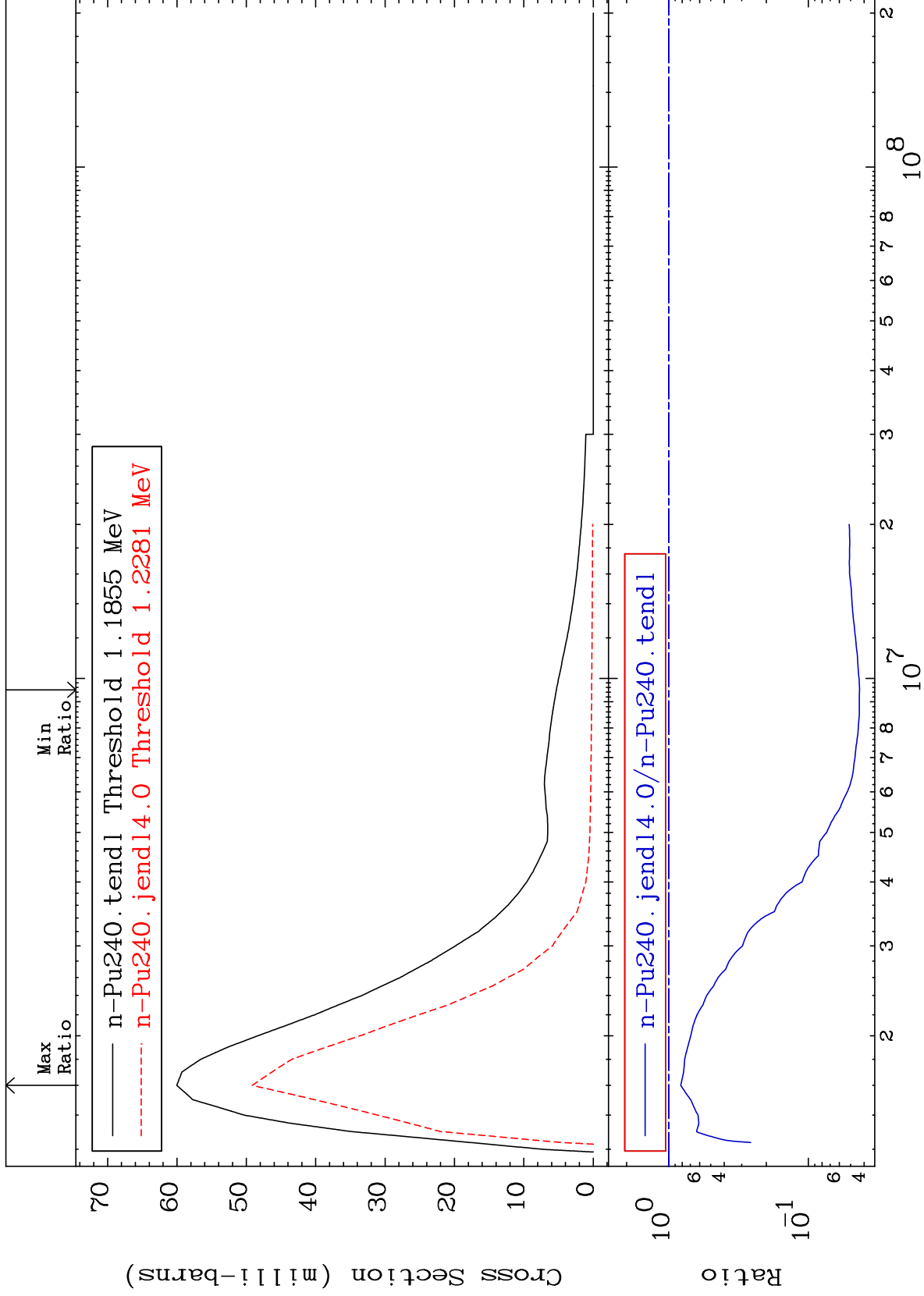
94-Pu-240
-42.14 To 9999. %



MAT 9440

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

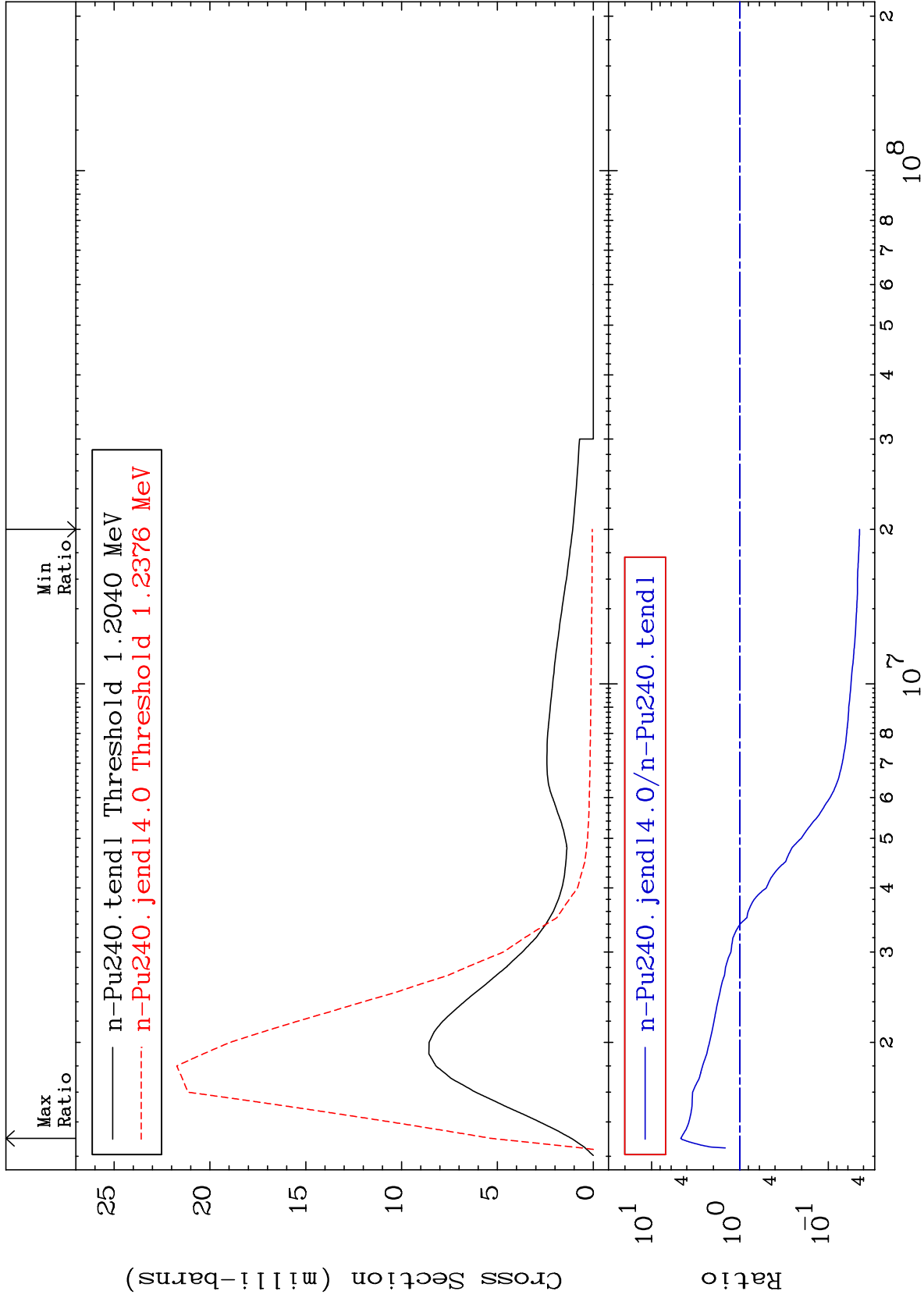
94-Pu-240
-95.69 To -18.12%



MAT 9440

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

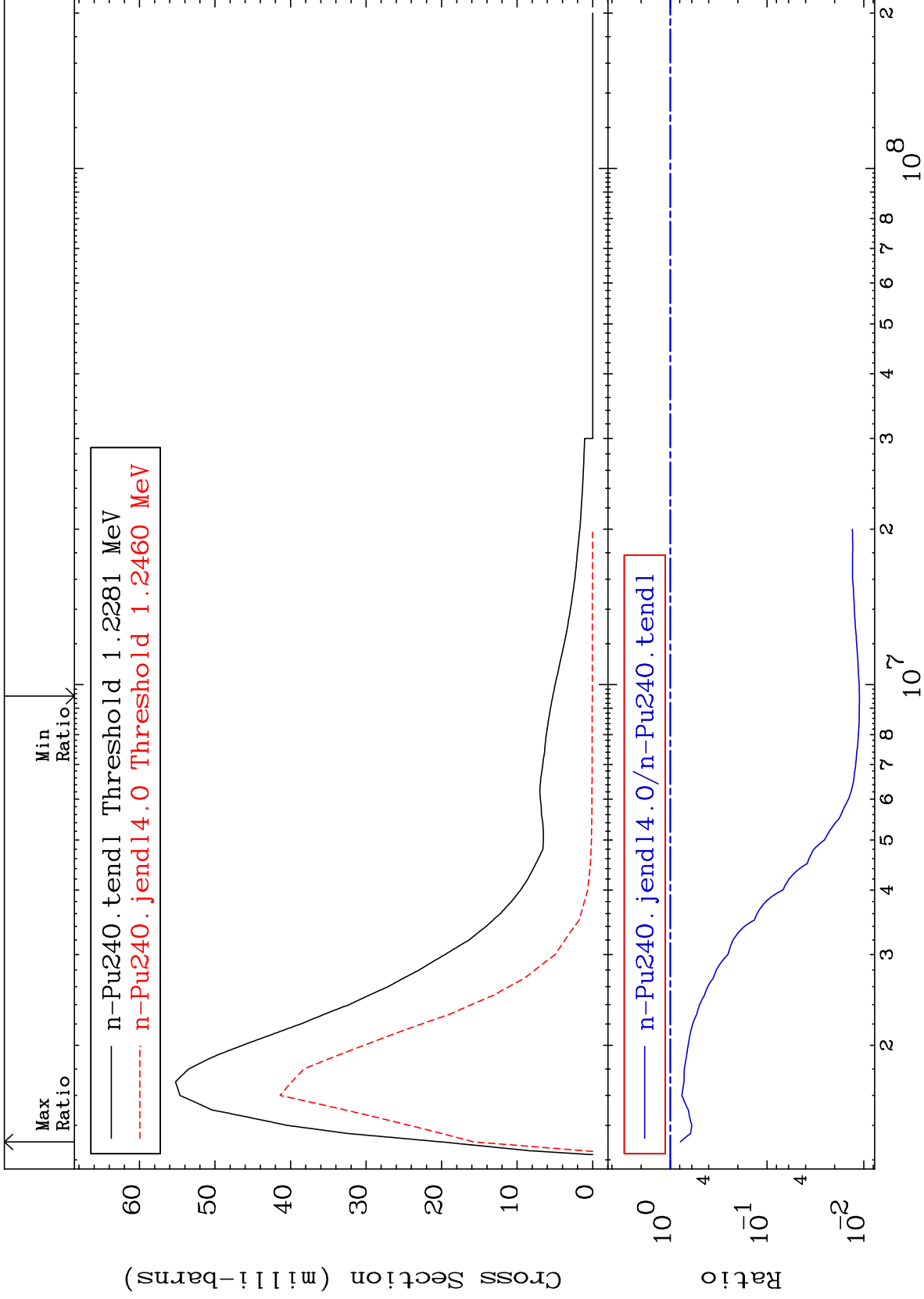
94-Pu-240
-95.58 To 367.2 %



MAT 9440

MT= 80 (n,n') Level
Cross Section

94-Pu-240
-98.89 To -21.45%



40

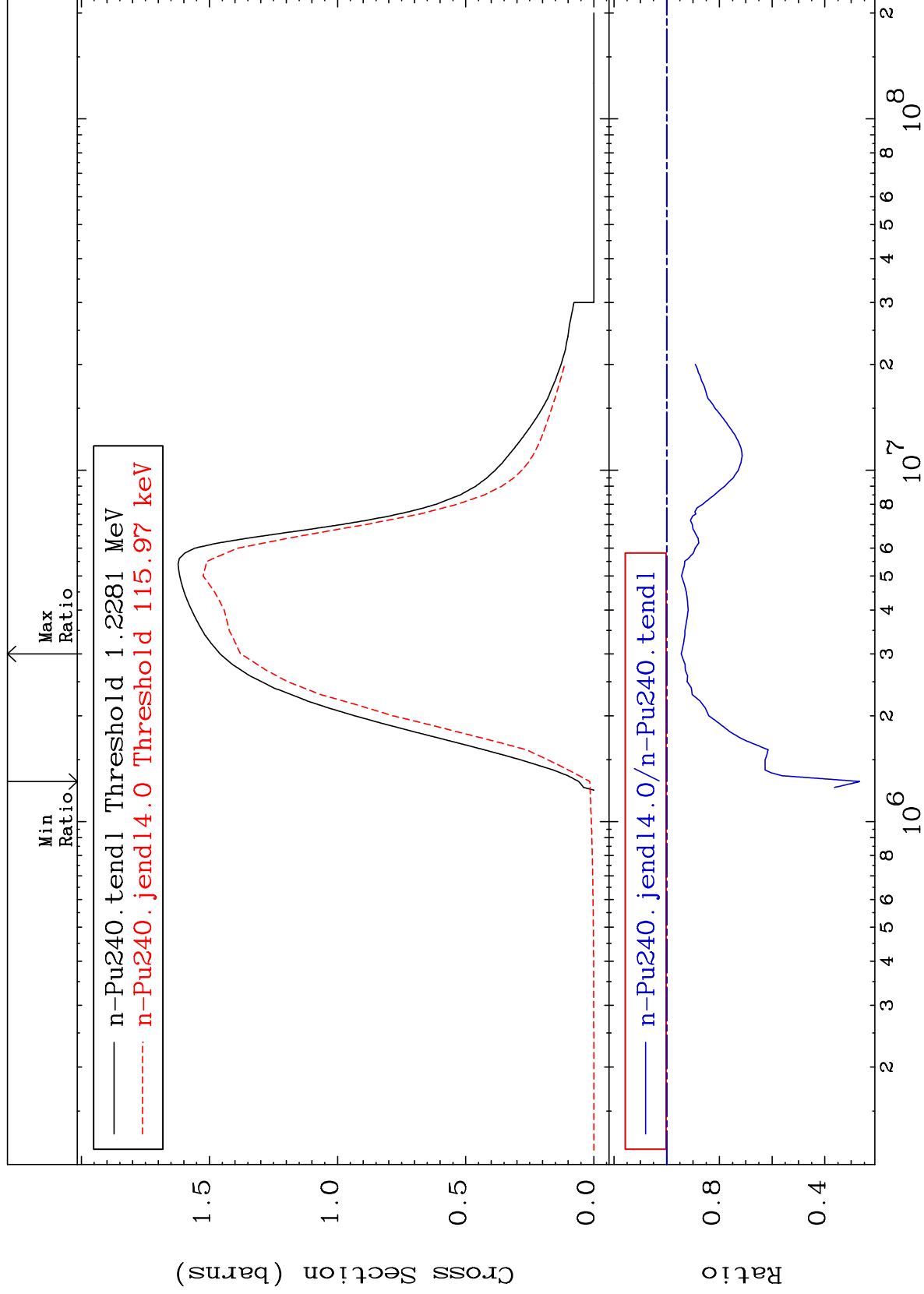
Incident Energy (eV)

94-Pu-240

MAT 9440

(n, n') Continuum
Cross Section

94-Pu-240
-73.21 To -5.489%



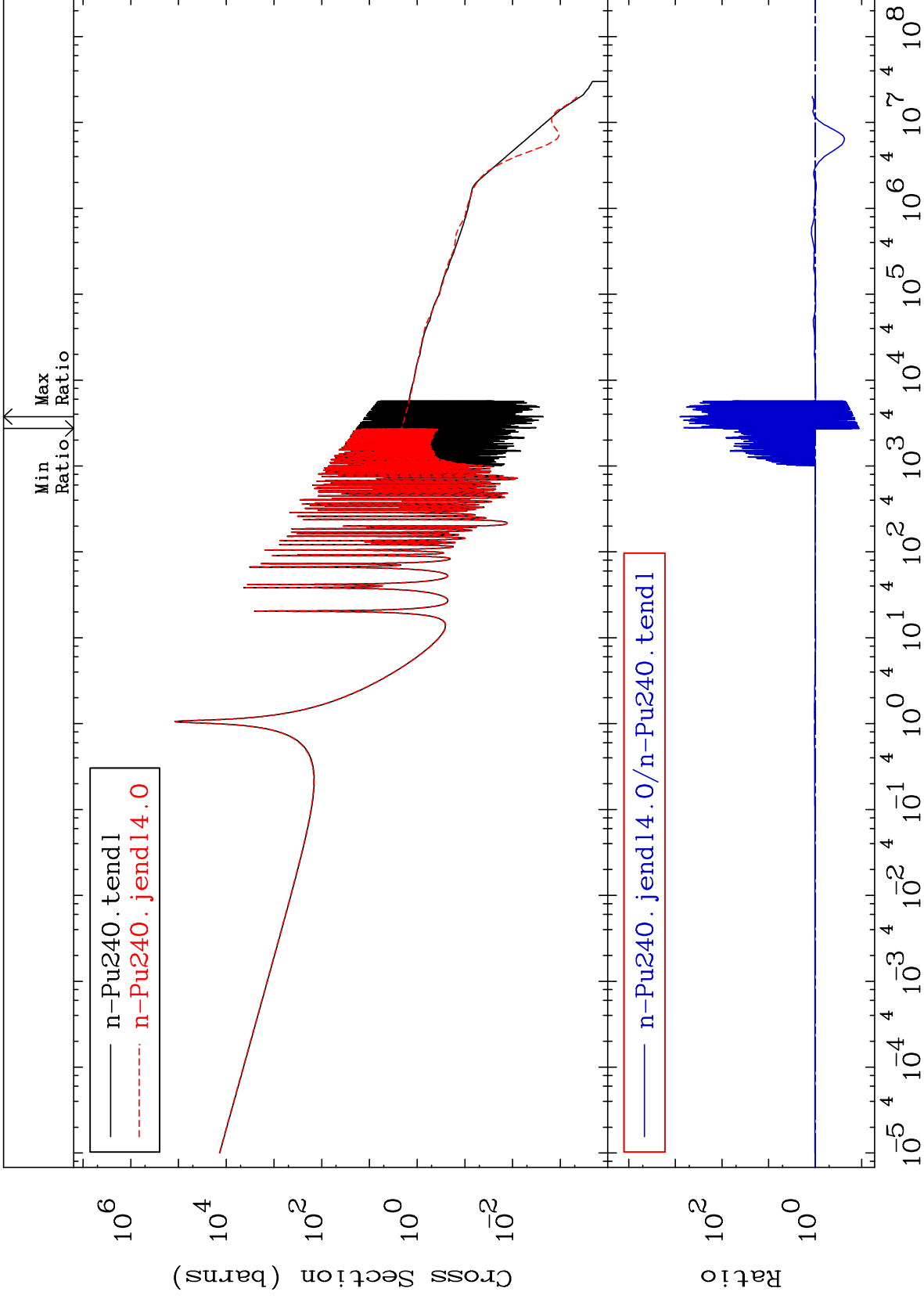
MAT 9440

(n, γ)

94-Pu-240

Cross Section

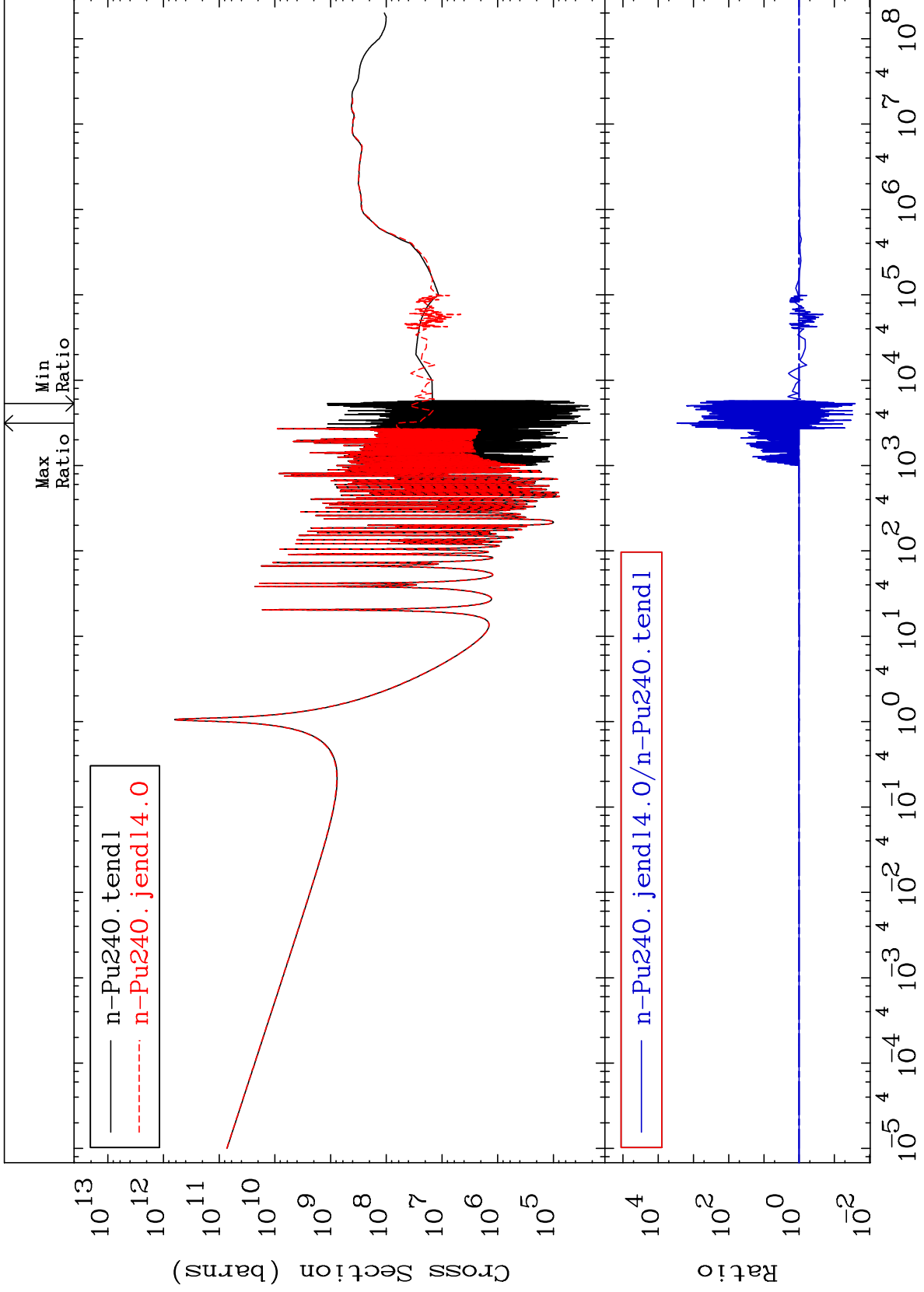
-88.78 To 9999. %



MAT 9440

Kerma total (eV-barns)
Cross Section

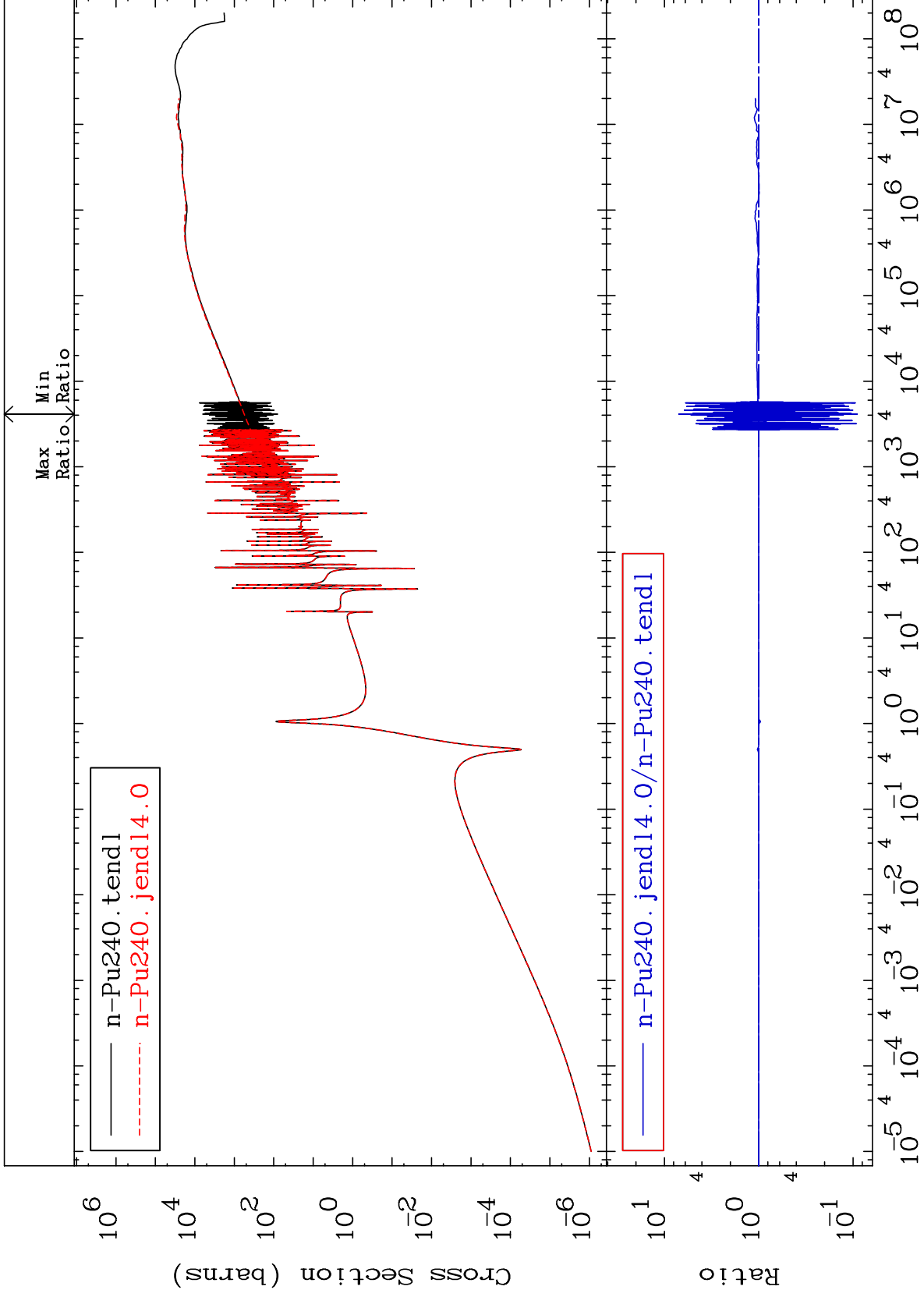
94-Pu-240
-97.42 To 9999. %



MAT 9440

Kerma elastic
Cross Section

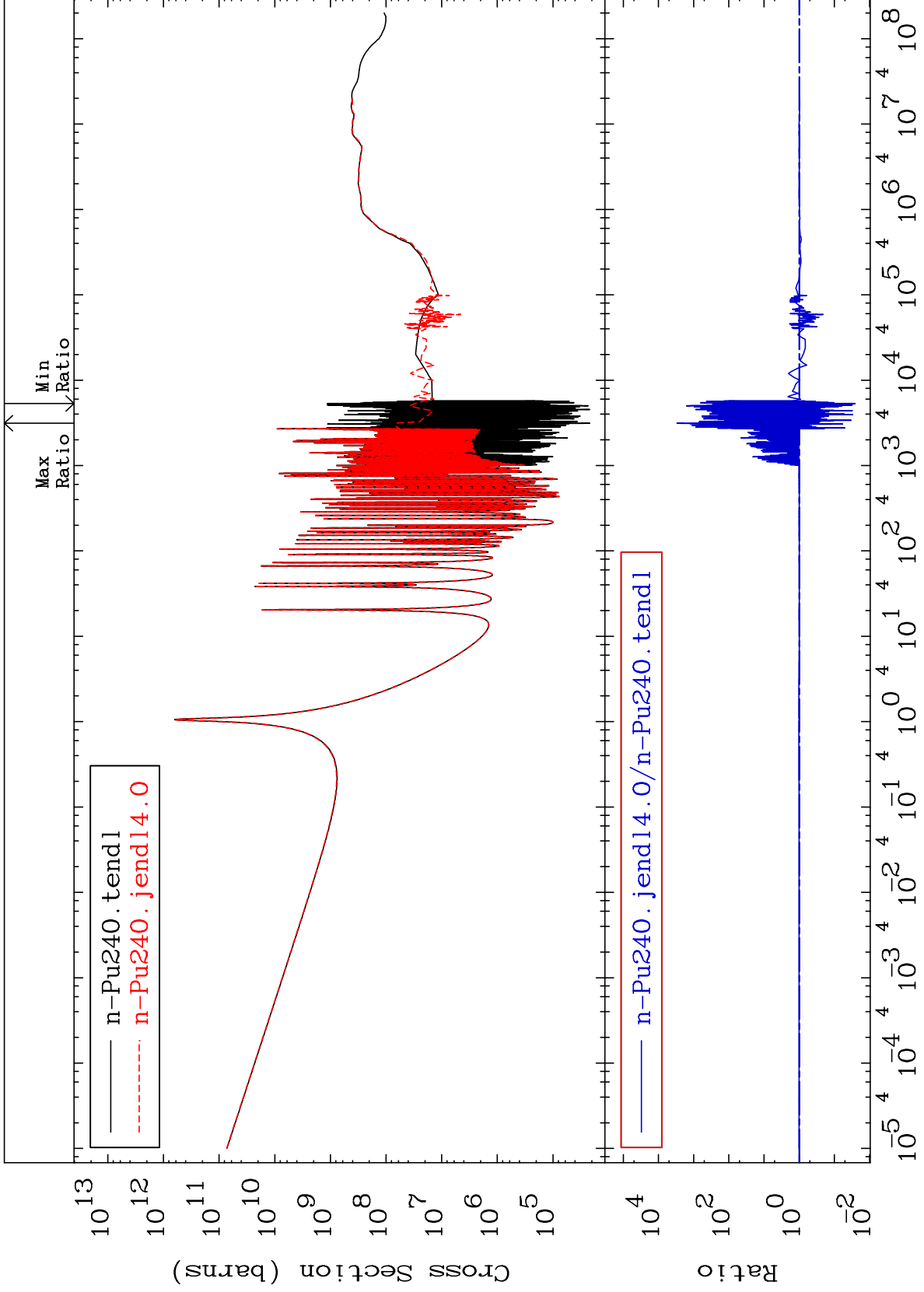
94-Pu-240
-90.97 To 606.2 %



MAT 9440

Kerma non-elastic (all but mt2)
Cross Section

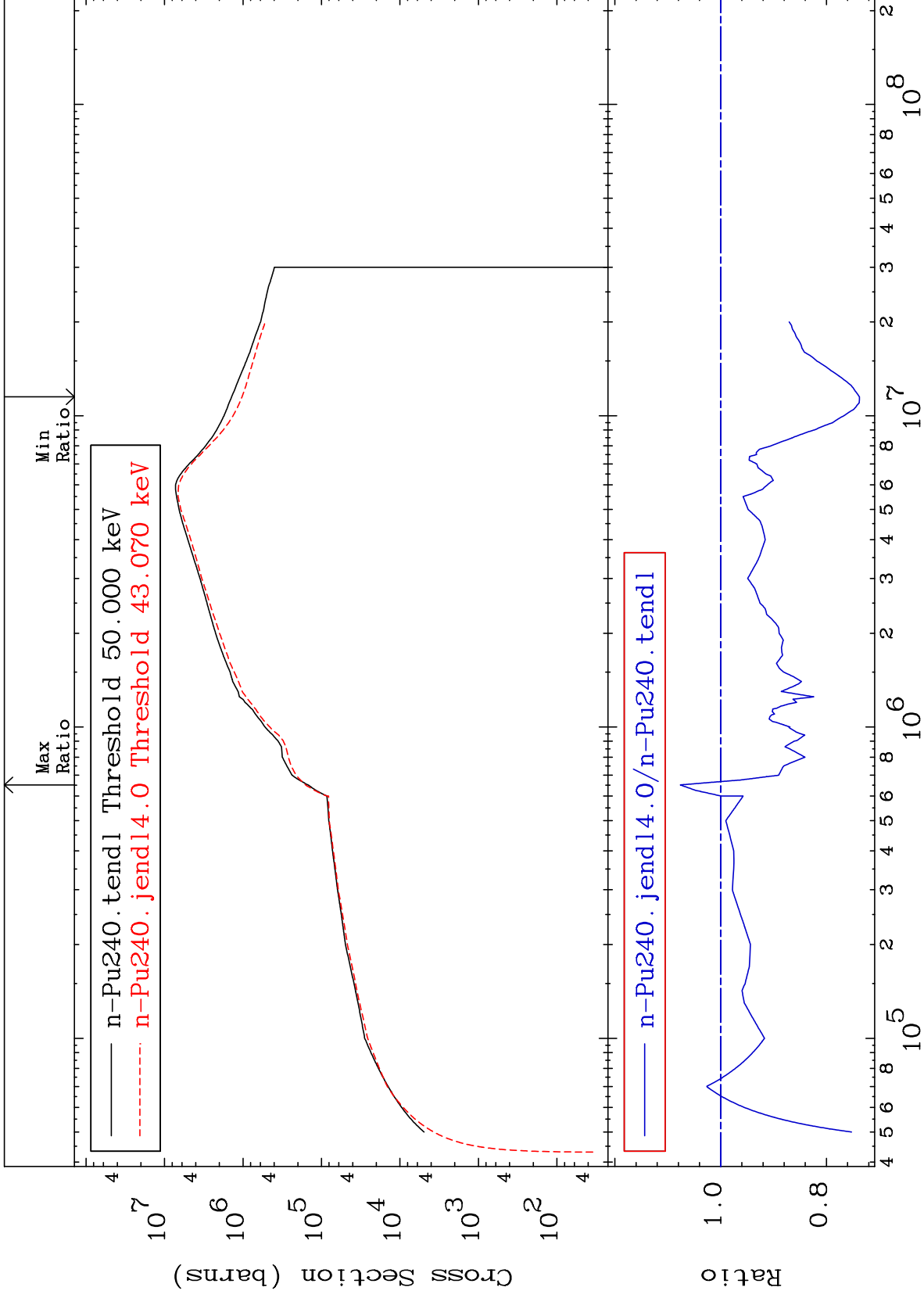
94-Pu-240
-97.42 To 9999. %



MAT 9440

Kerma inelastic (mt51-91)
Cross Section

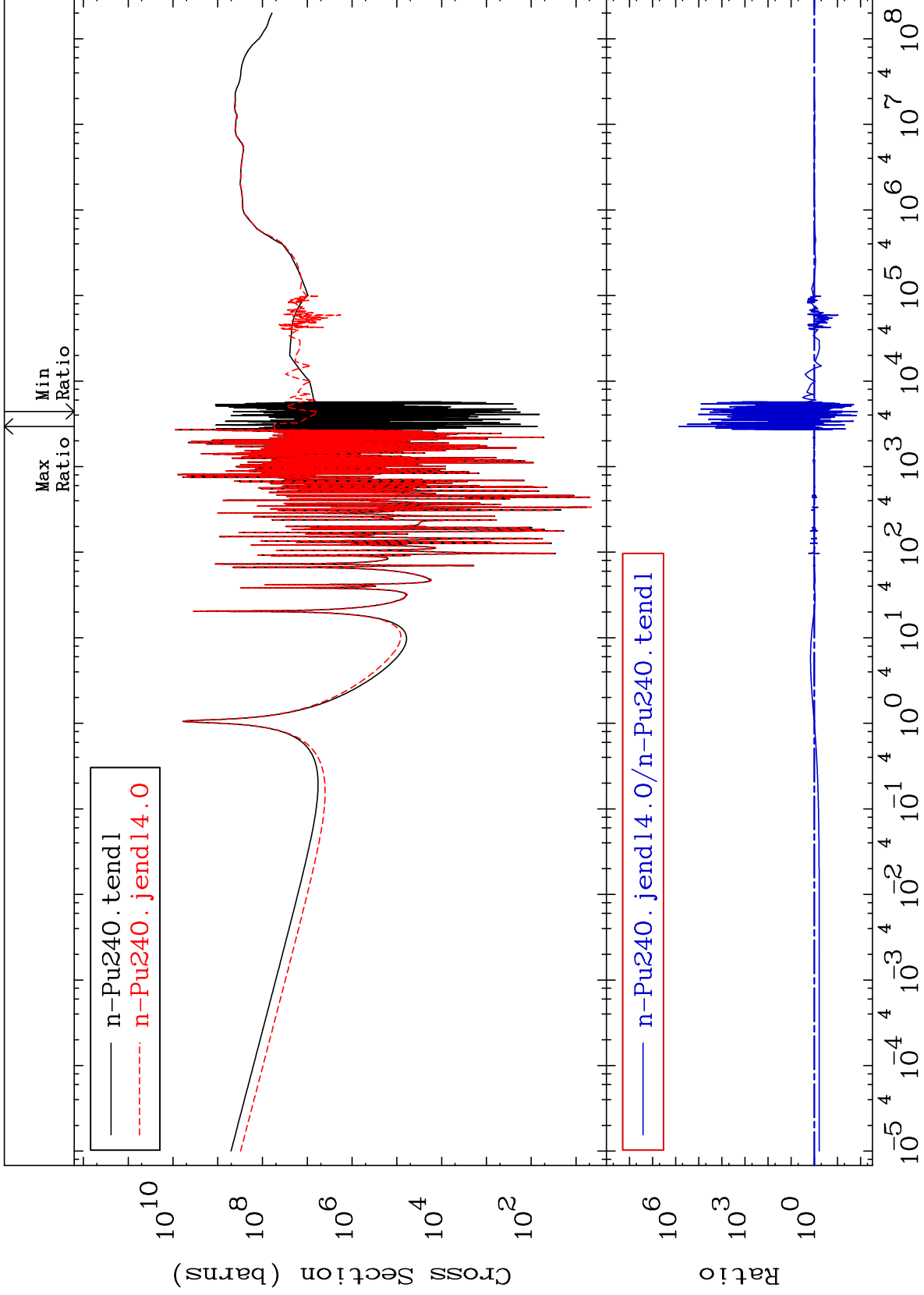
94-Pu-240
-26.23 To 7.628 %



MAT 9440

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

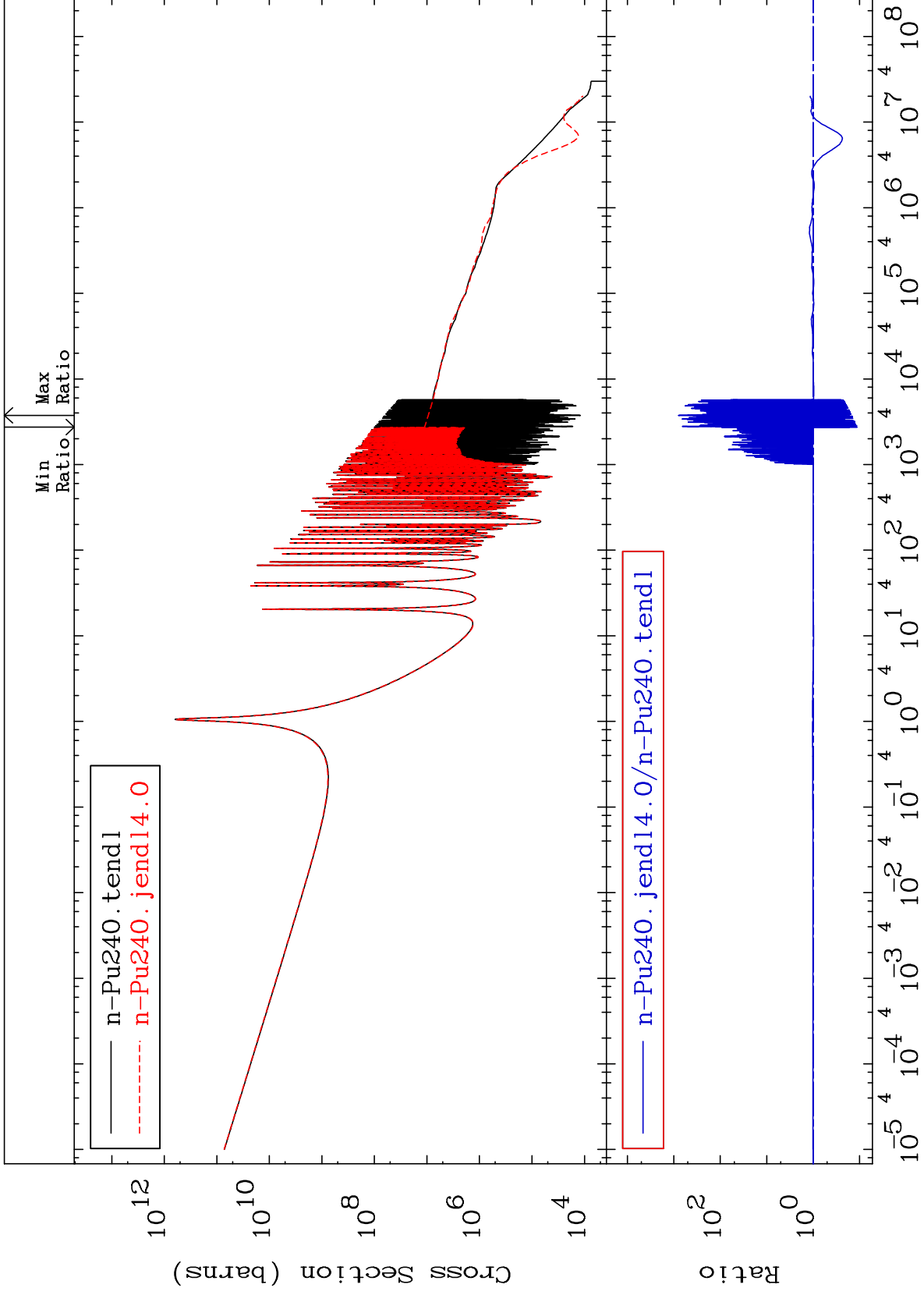
94-Pu-240
-98.62 To 9999. %



MAT 9440

Kerma capture (mt102)
Cross Section

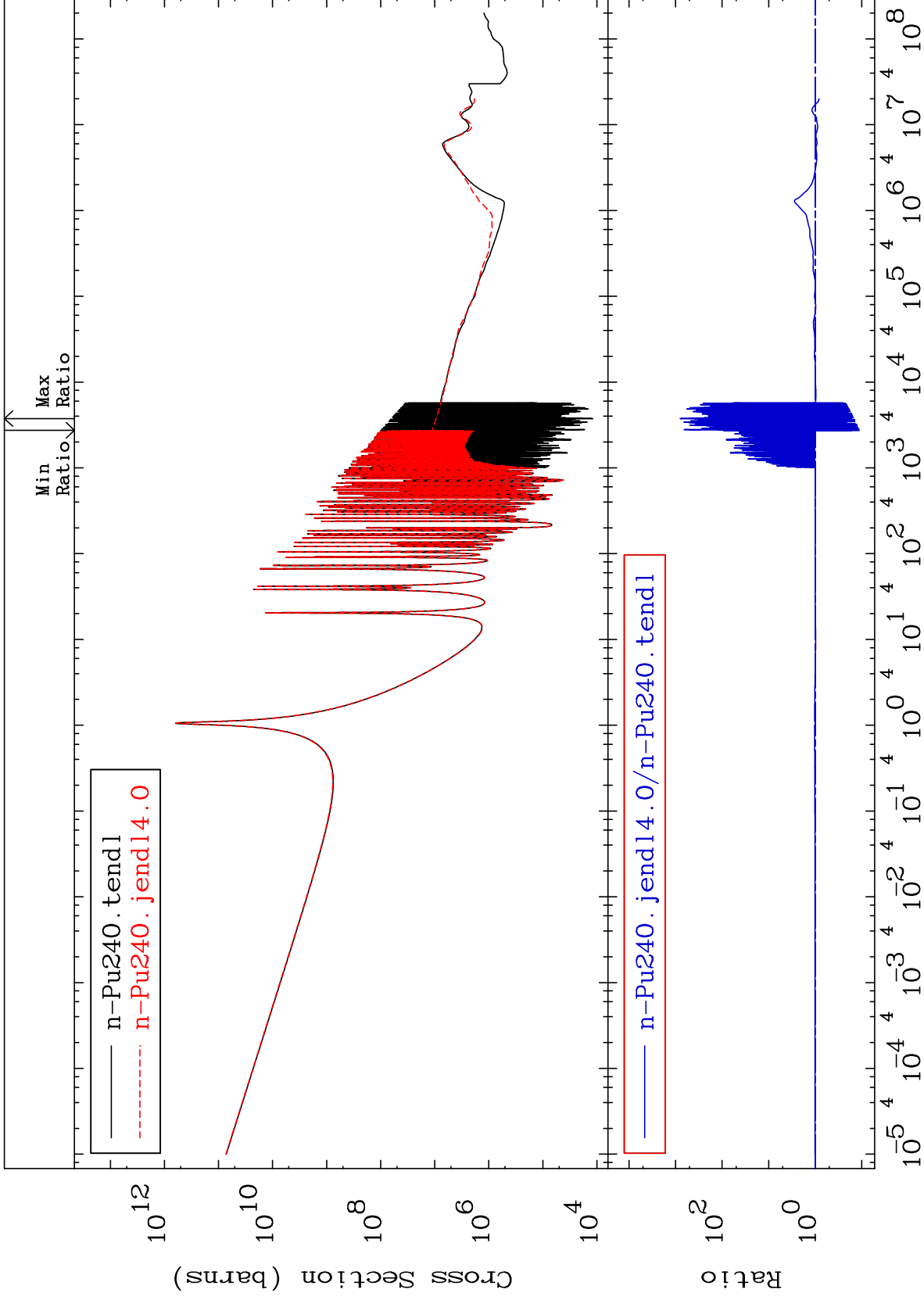
94-Pu-240
-88.78 To 9999. %

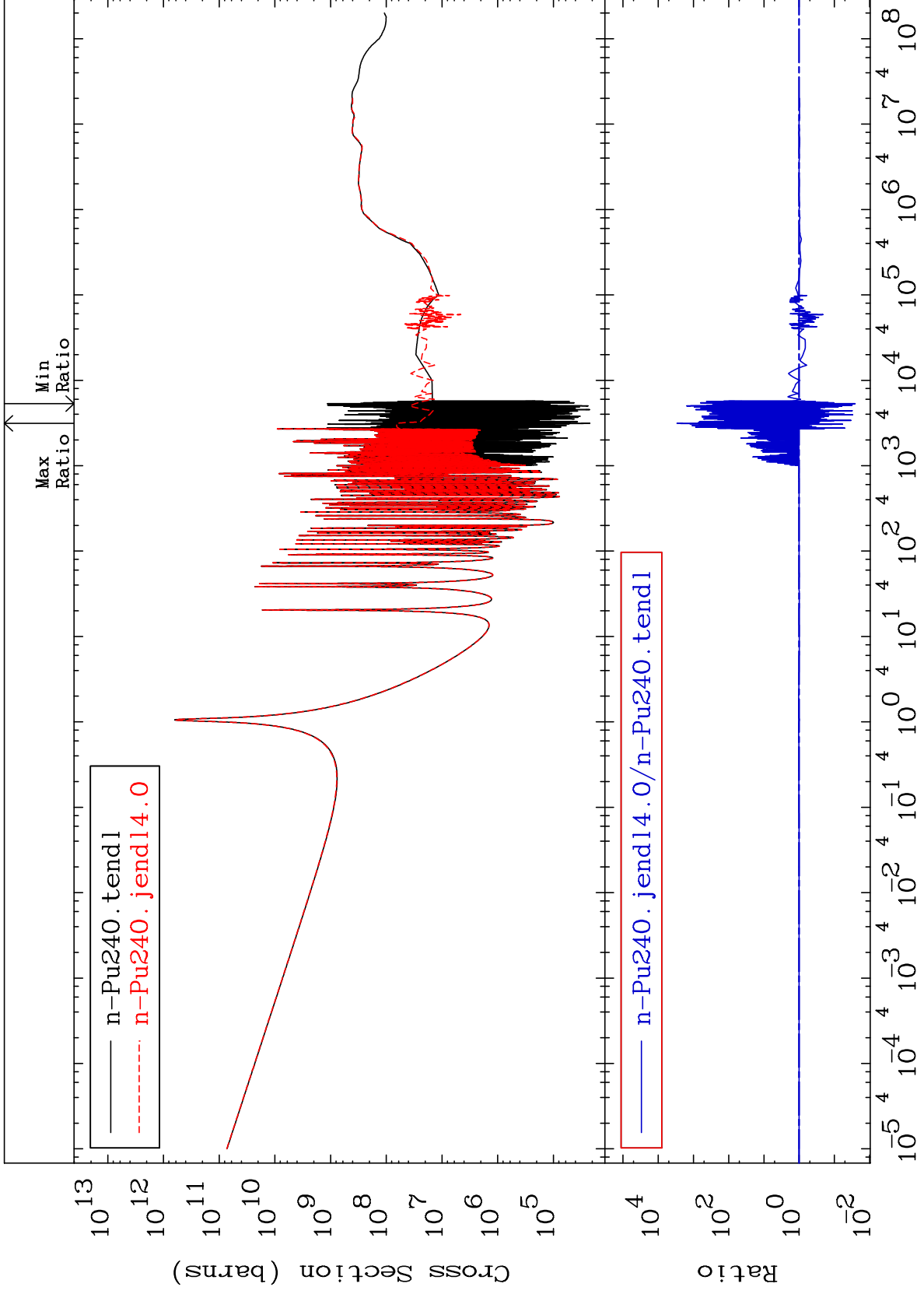


48

Incident Energy (eV)

94-Pu-240

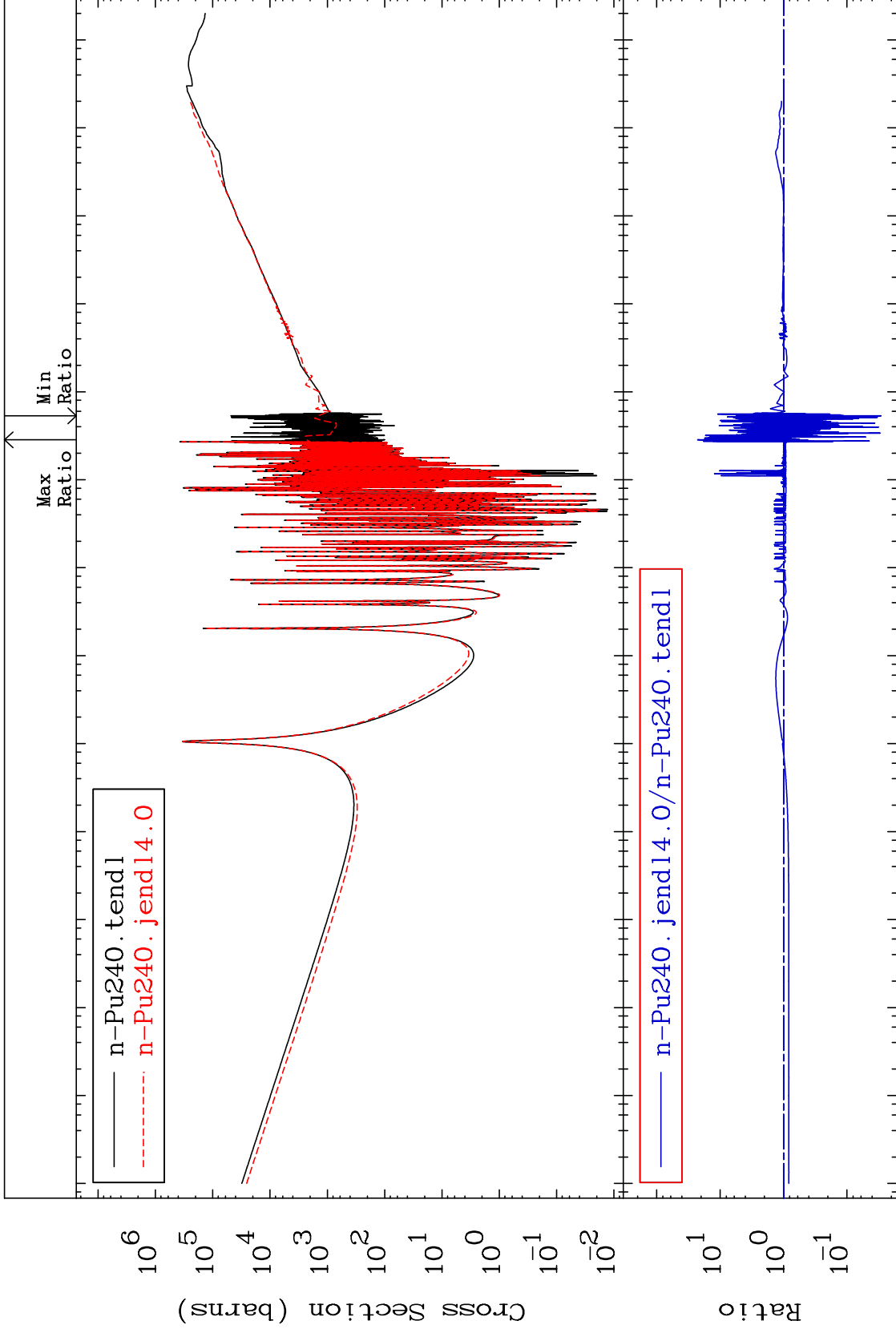




MAT 9440

Dpa total (eV-barns)
Cross Section

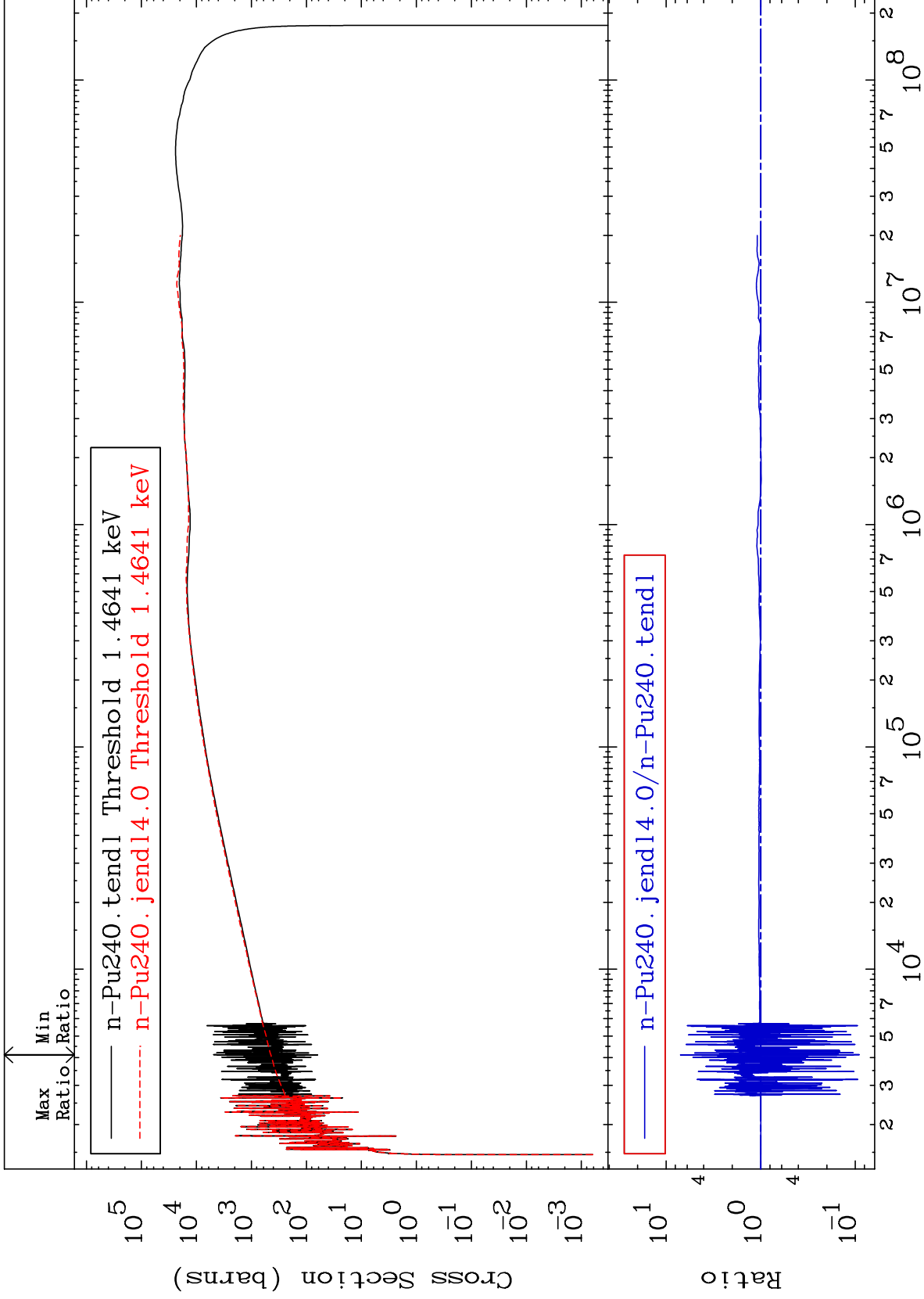
94-Pu-240
-97.10 To 2175. %



MAT 9440

Dpa elastic (mt2)
Cross Section

94-Pu-240
-90.96 To 607.0 %



MAT 9440

Dpa inelastic (mt51-91)
Cross Section

94-Pu-240
-24.12 To 276.7 %

