

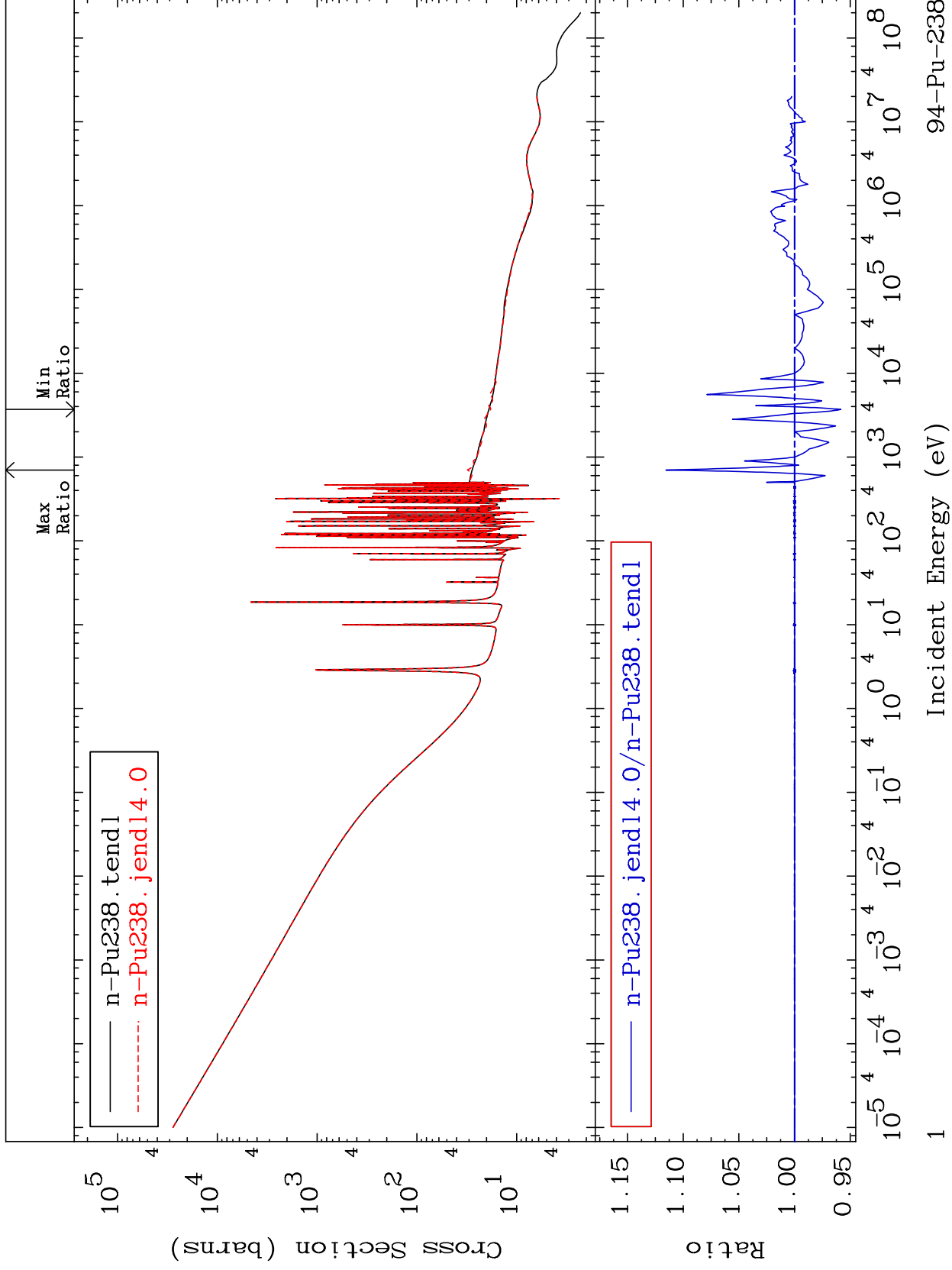
MAT 9434

Total

94-Pu-238

Cross Section

-4.158 To 11.55 %



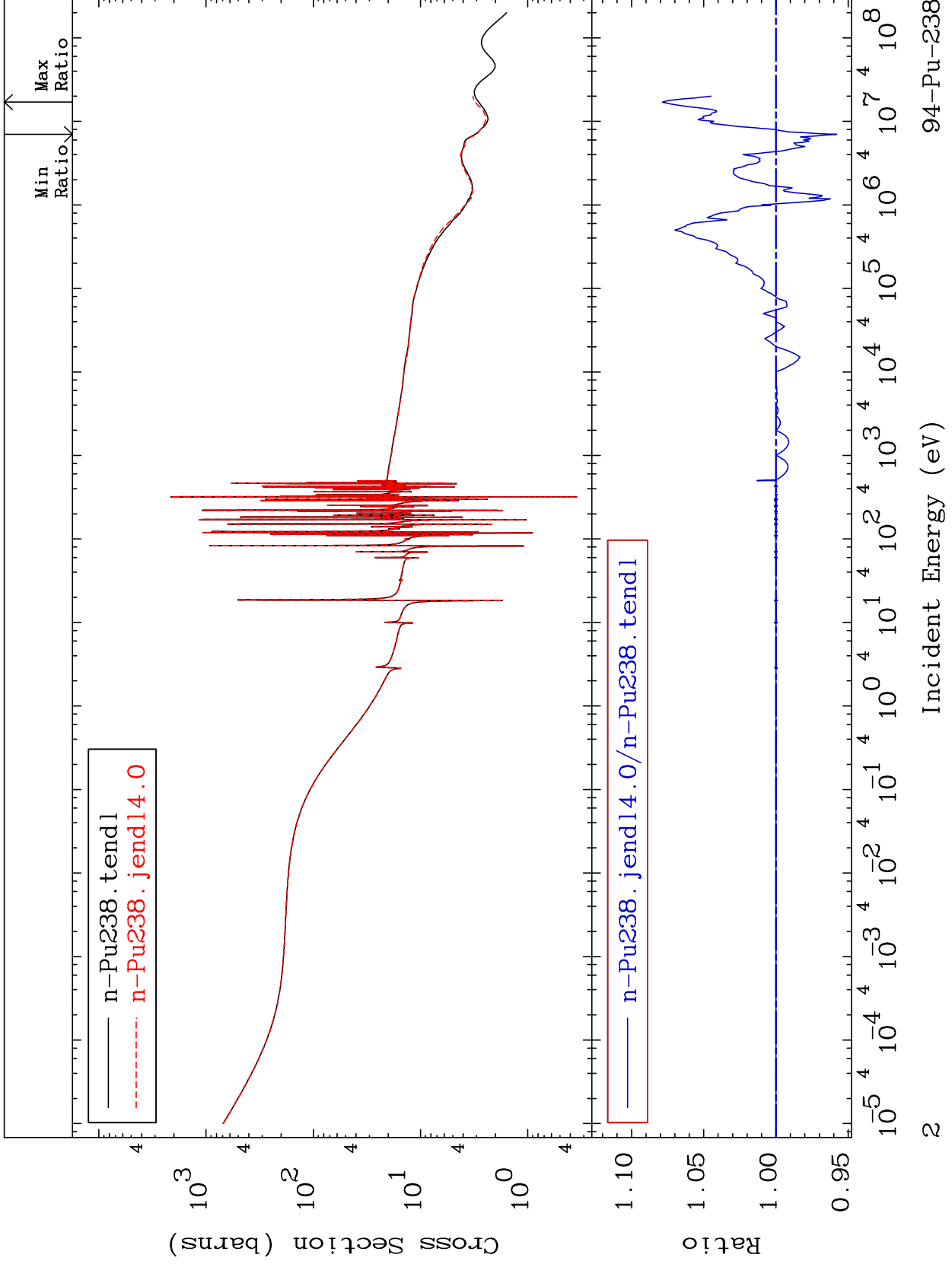
Incident Energy (eV)

94-Pu-238

MAT 9434

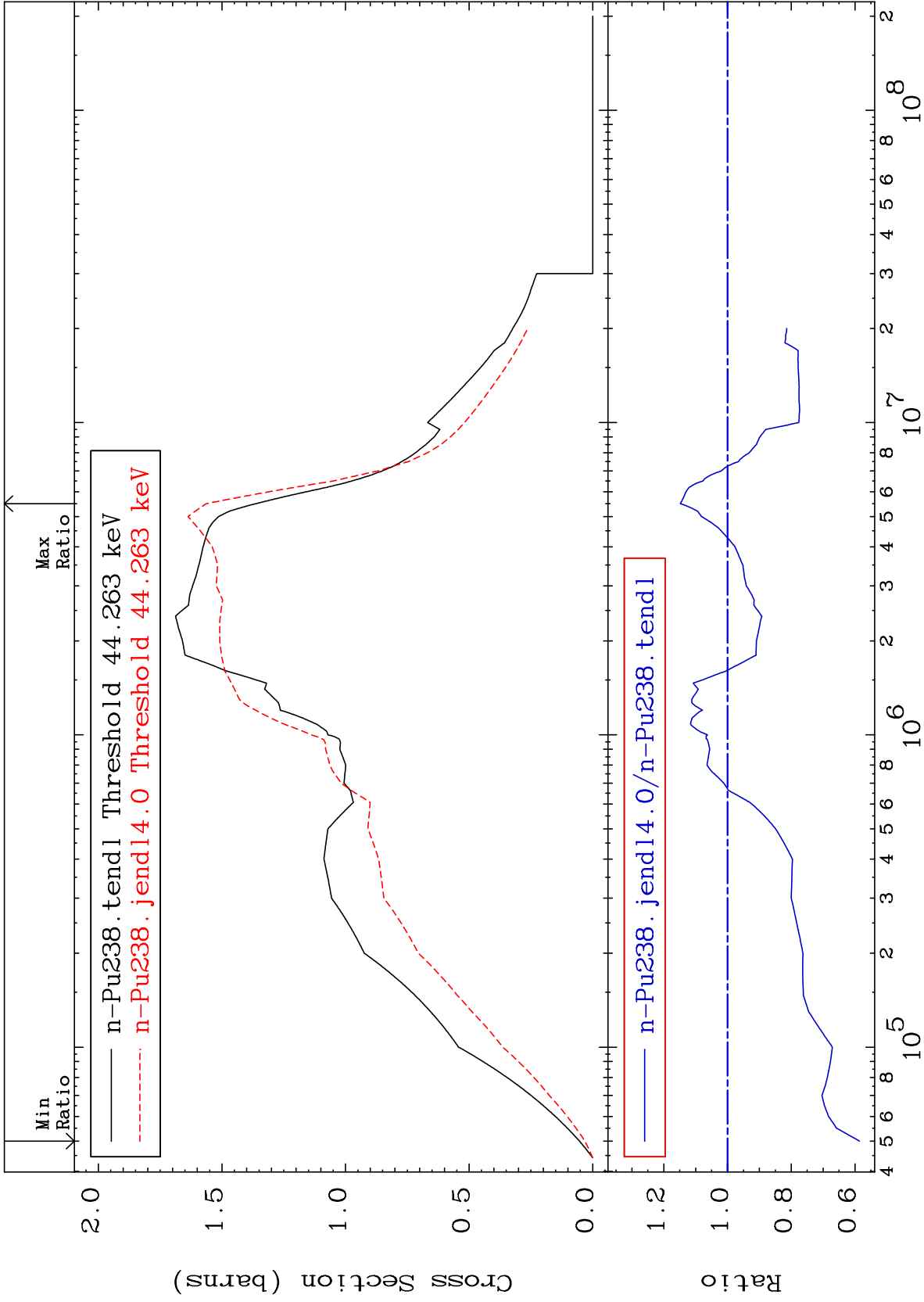
Elastic
Cross Section

94-Pu-238
-4.202 To 7.869 %



MAT 9434

Inelastic Cross Section
94-Pu-238
-41.40 To 14.80 %



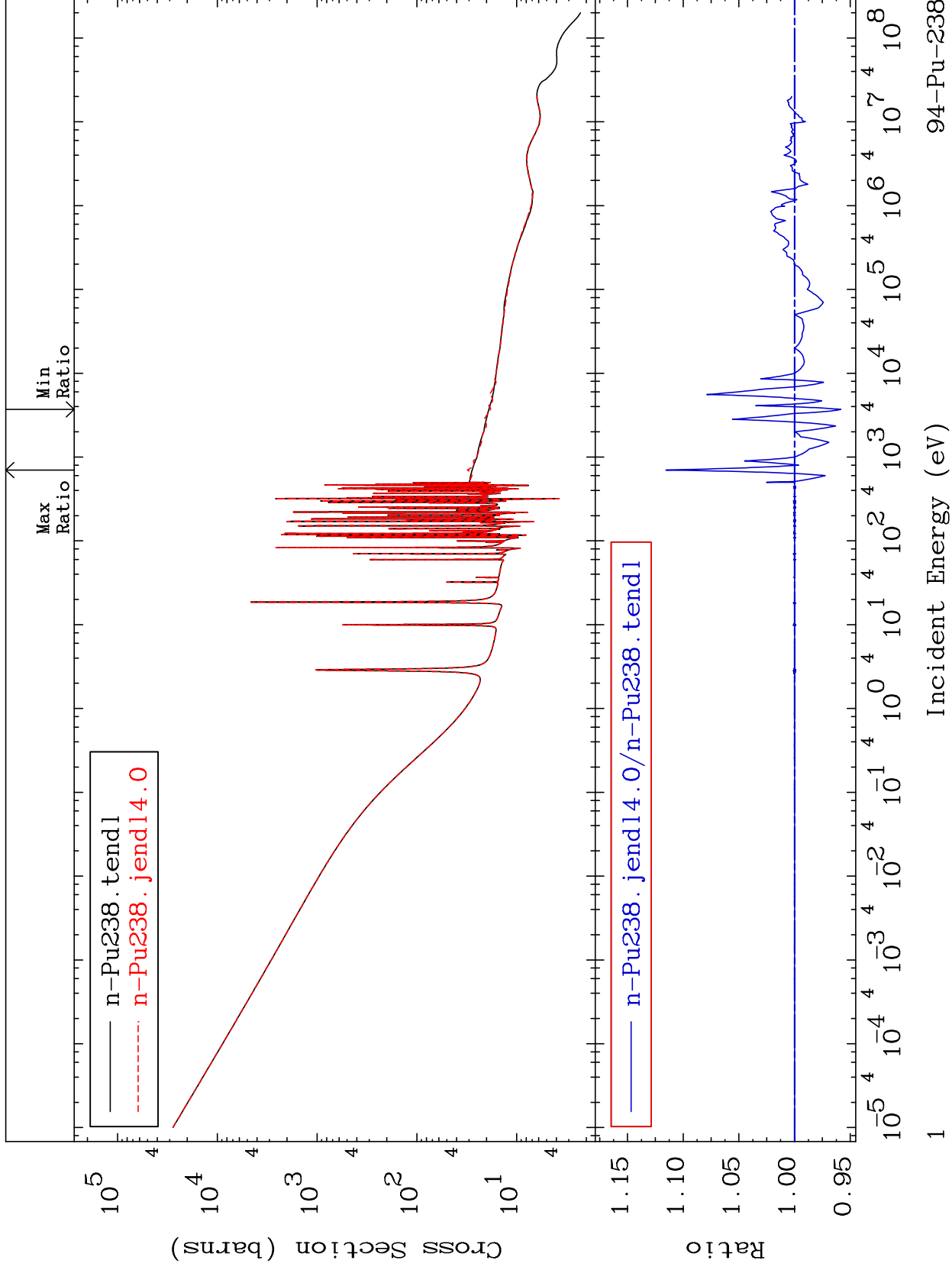
MAT 9434

Total

94-Pu-238

Cross Section

-4.158 To 11.55 %



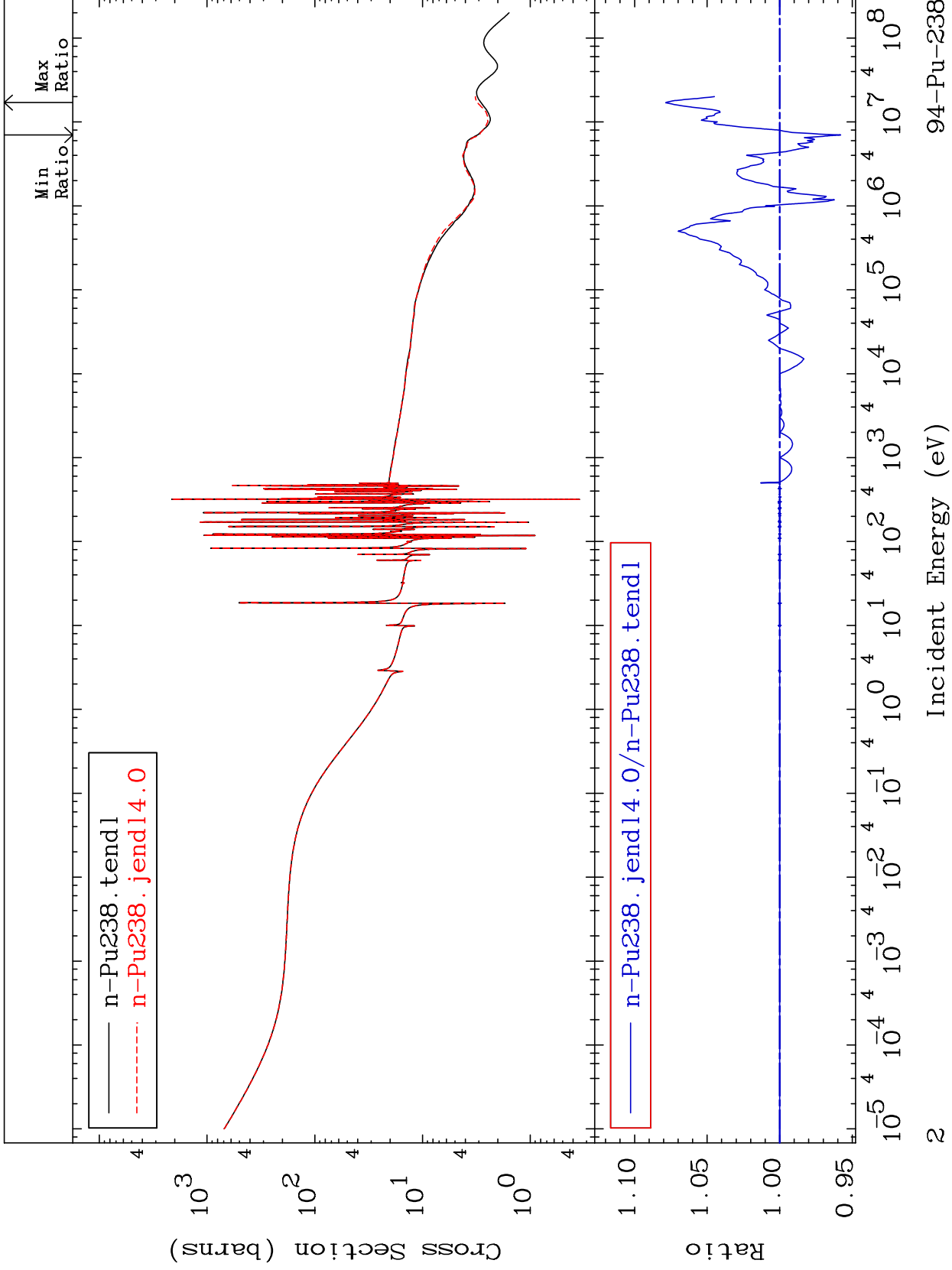
94-Pu-238

Incident Energy (eV)

MAT 9434

Elastic
Cross Section

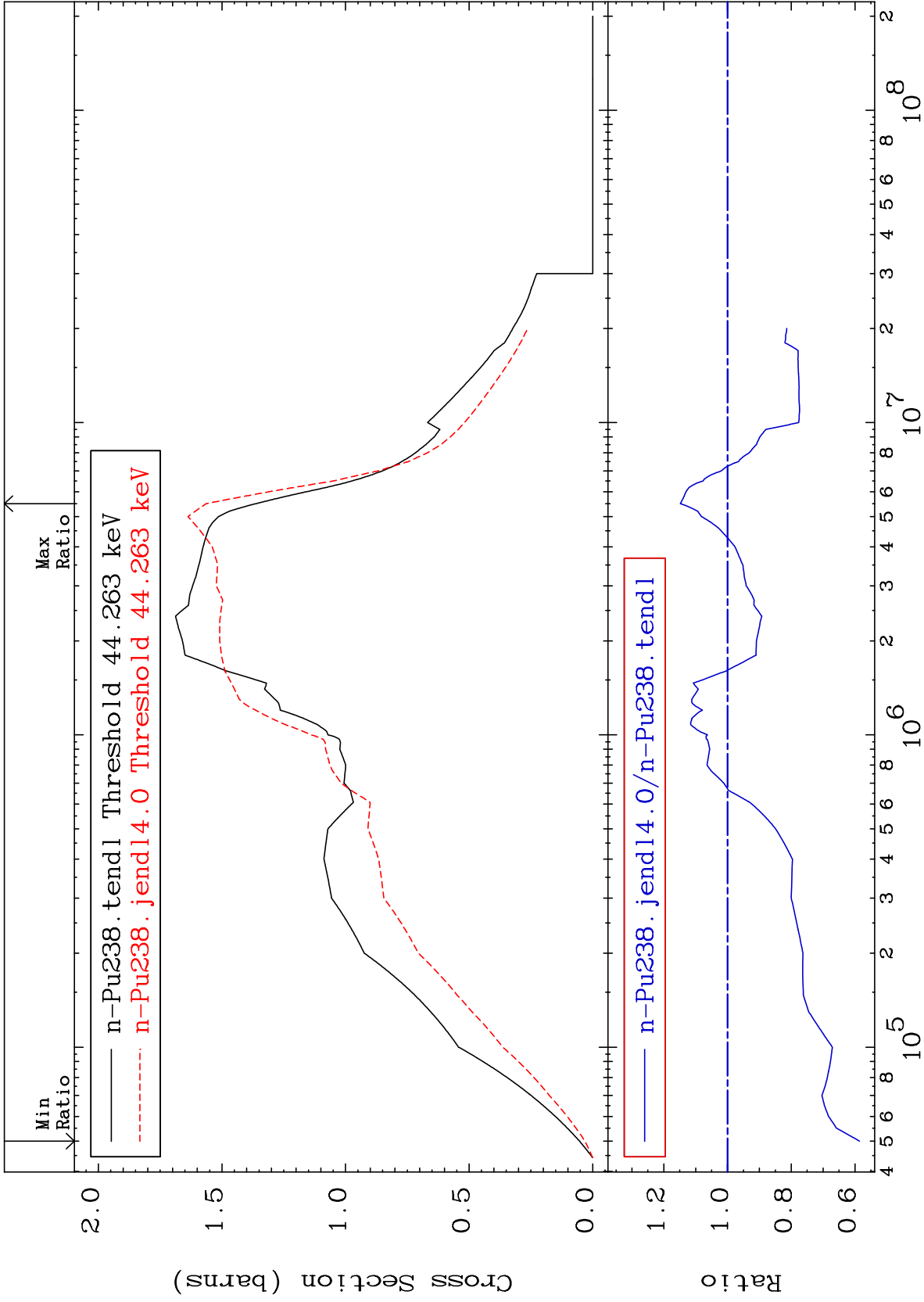
94-Pu-238
-4.202 To 7.869 %



94-Pu-238

MAT 9434

Inelastic Cross Section
94-Pu-238
-41.40 To 14.80 %



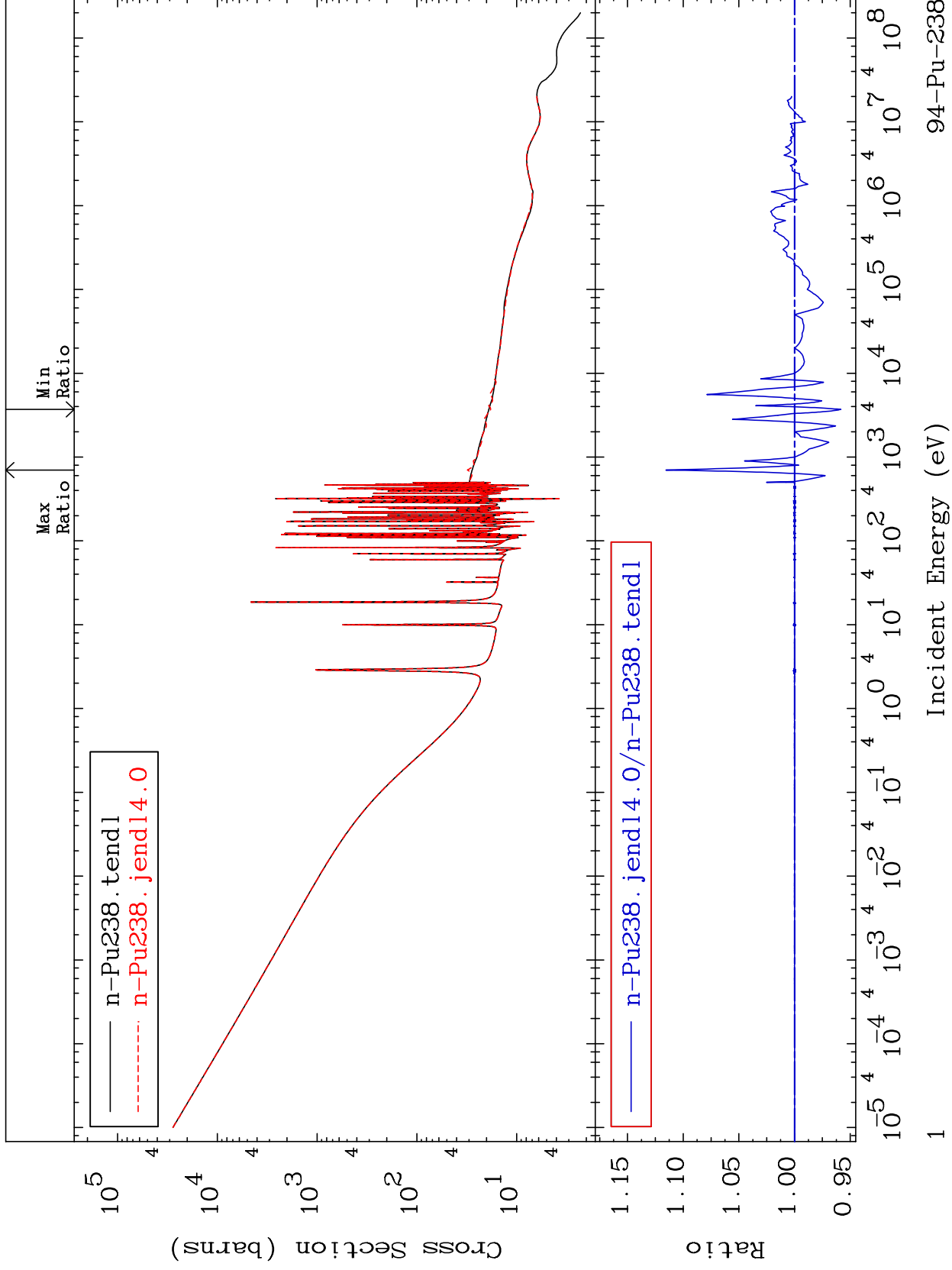
MAT 9434

Total

94-Pu-238

Cross Section

-4.158 To 11.55 %



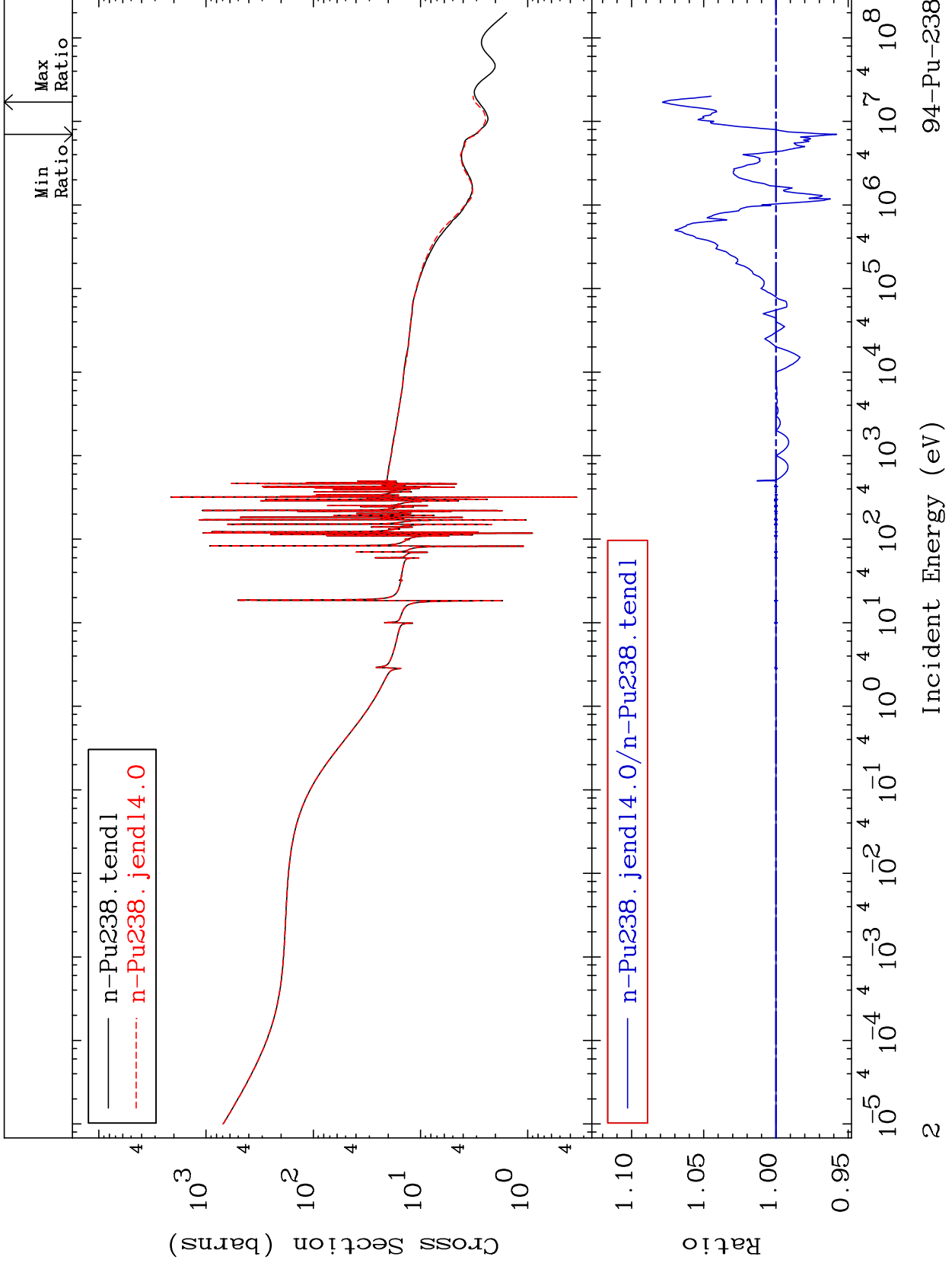
Incident Energy (eV)

94-Pu-238

MAT 9434

Elastic
Cross Section

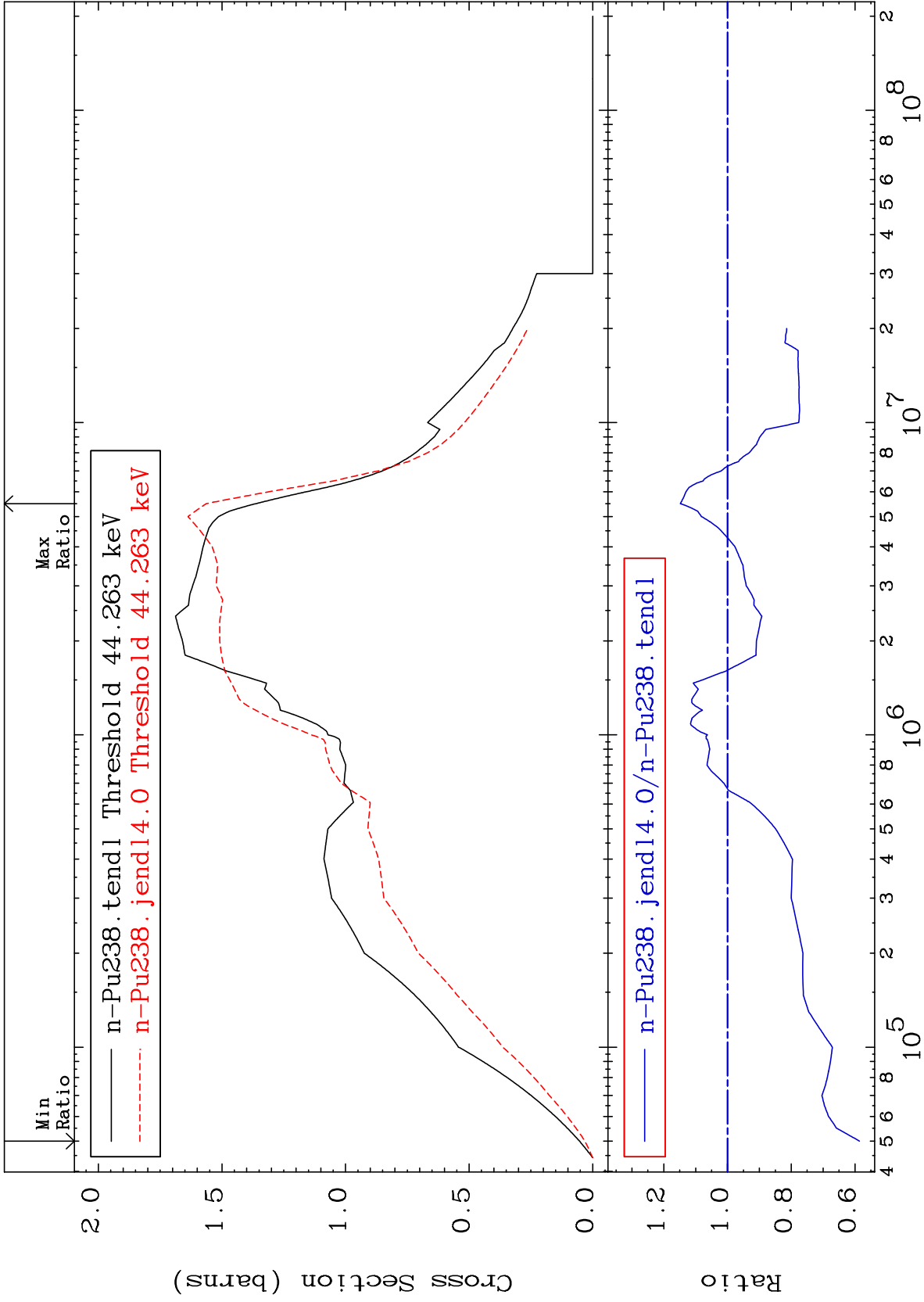
94-Pu-238
-4.202 To 7.869 %



94-Pu-238

MAT 9434

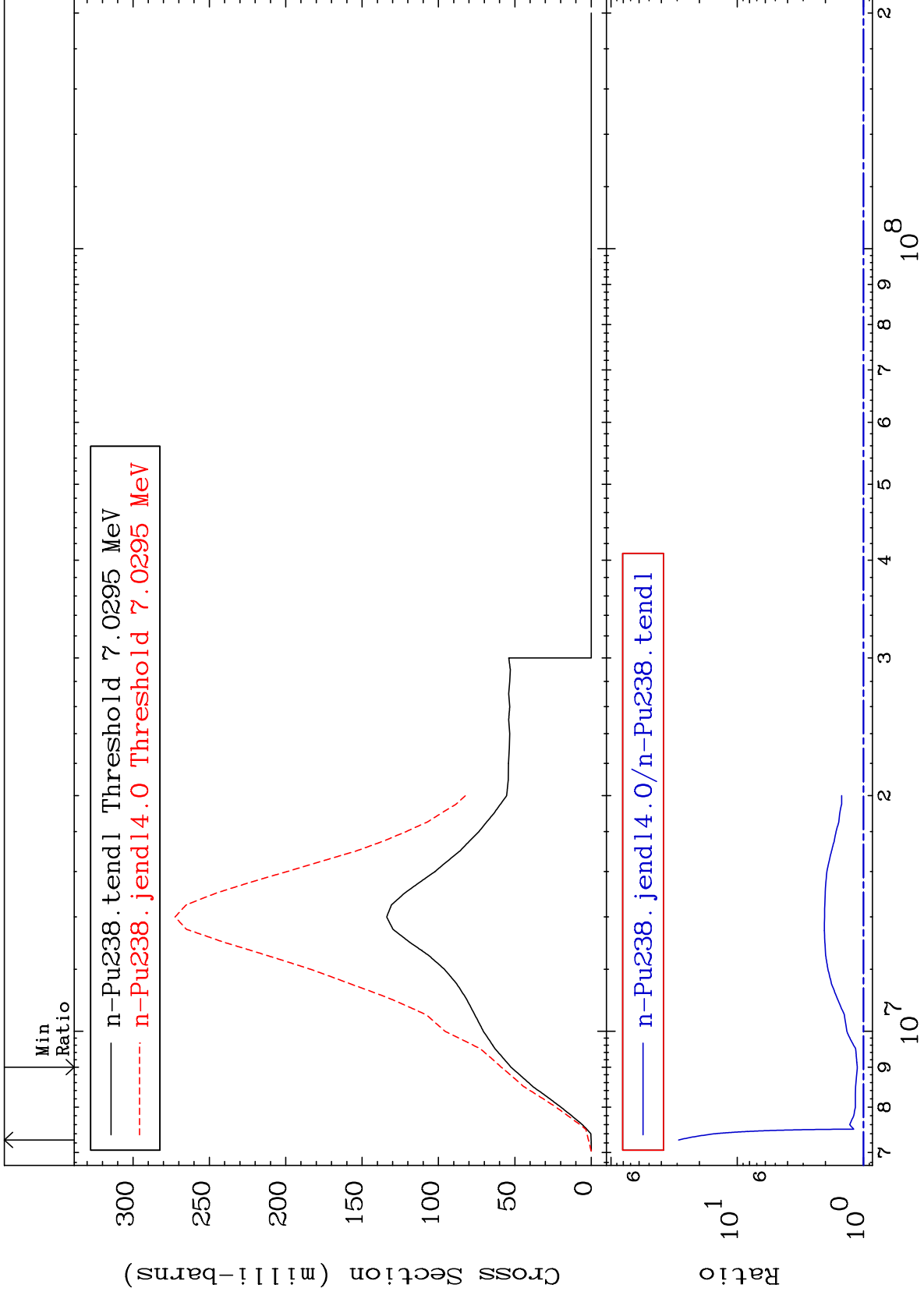
Inelastic Cross Section
94-Pu-238
-41.40 To 14.80 %



MAT 9434

(n,2n)
Cross Section

94-Pu-238
12.02 To 2816. %



4

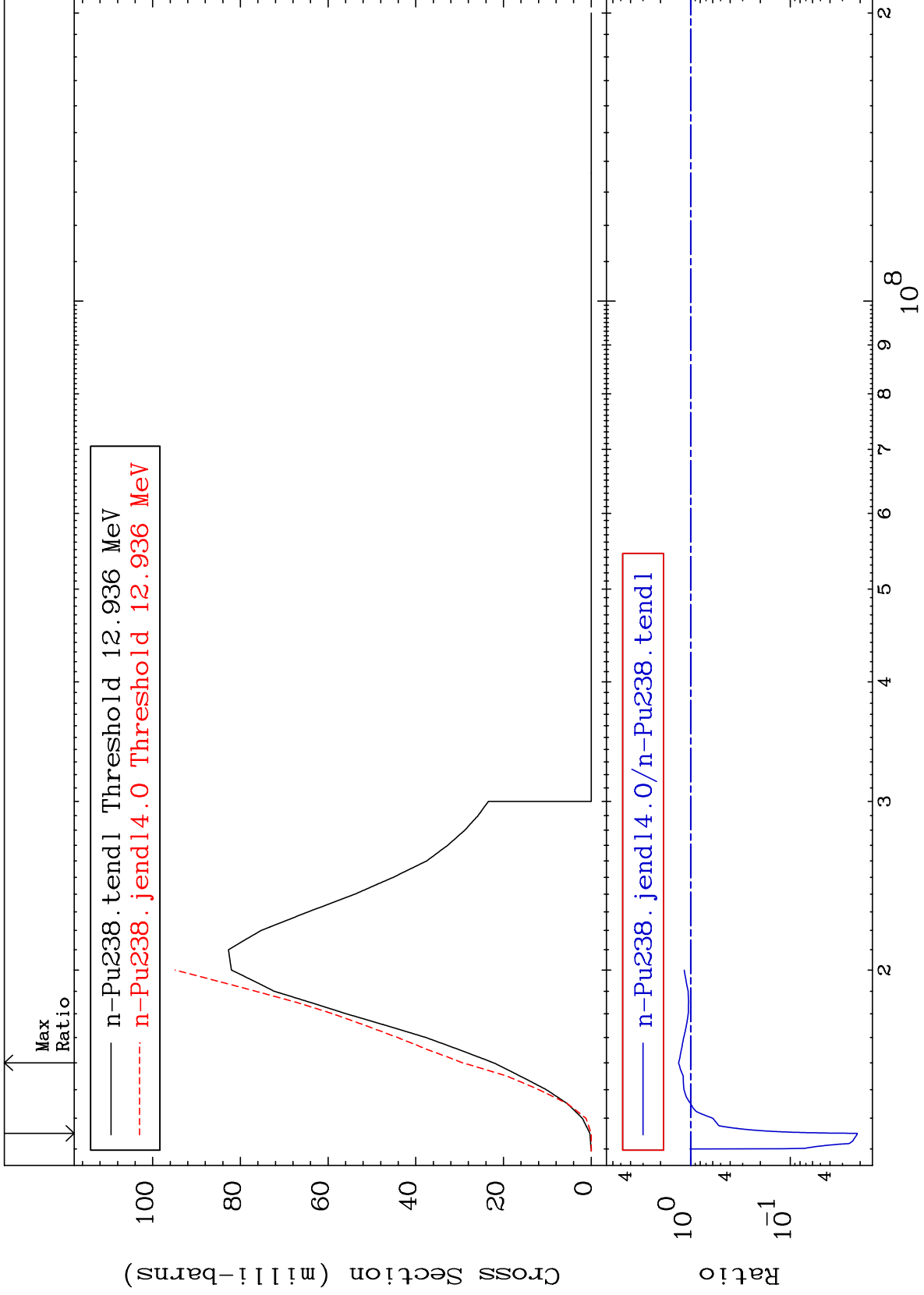
94-Pu-238

94-Pu-238

MAT 9434

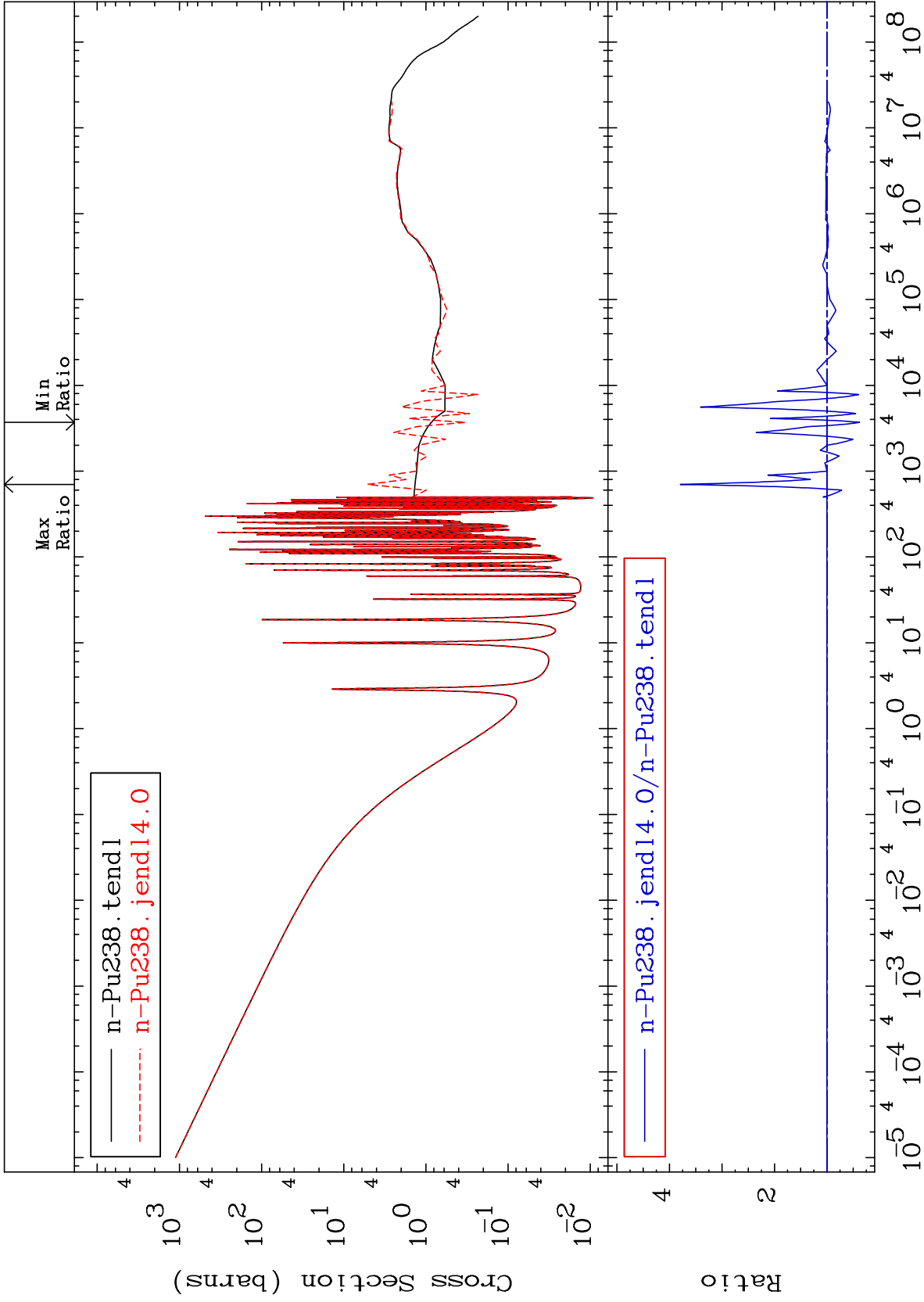
(n,3n)
Cross Section

94-Pu-238
-97.86 To 31.69 %



MAT 9434

Fission Cross Section 94-Pu-238
-61.77 To 279.1 %



94-Pu-238

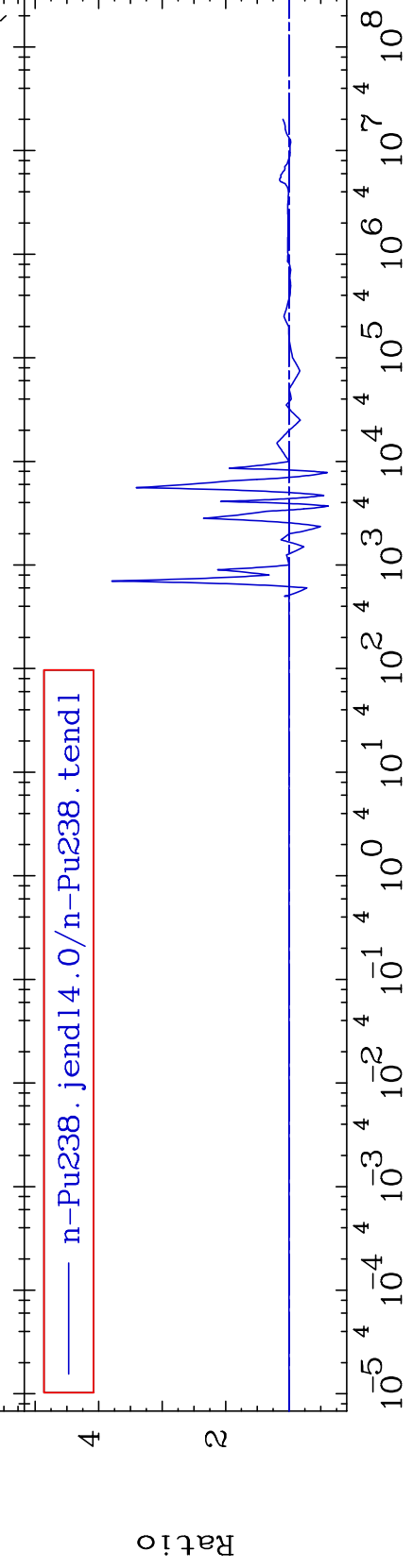
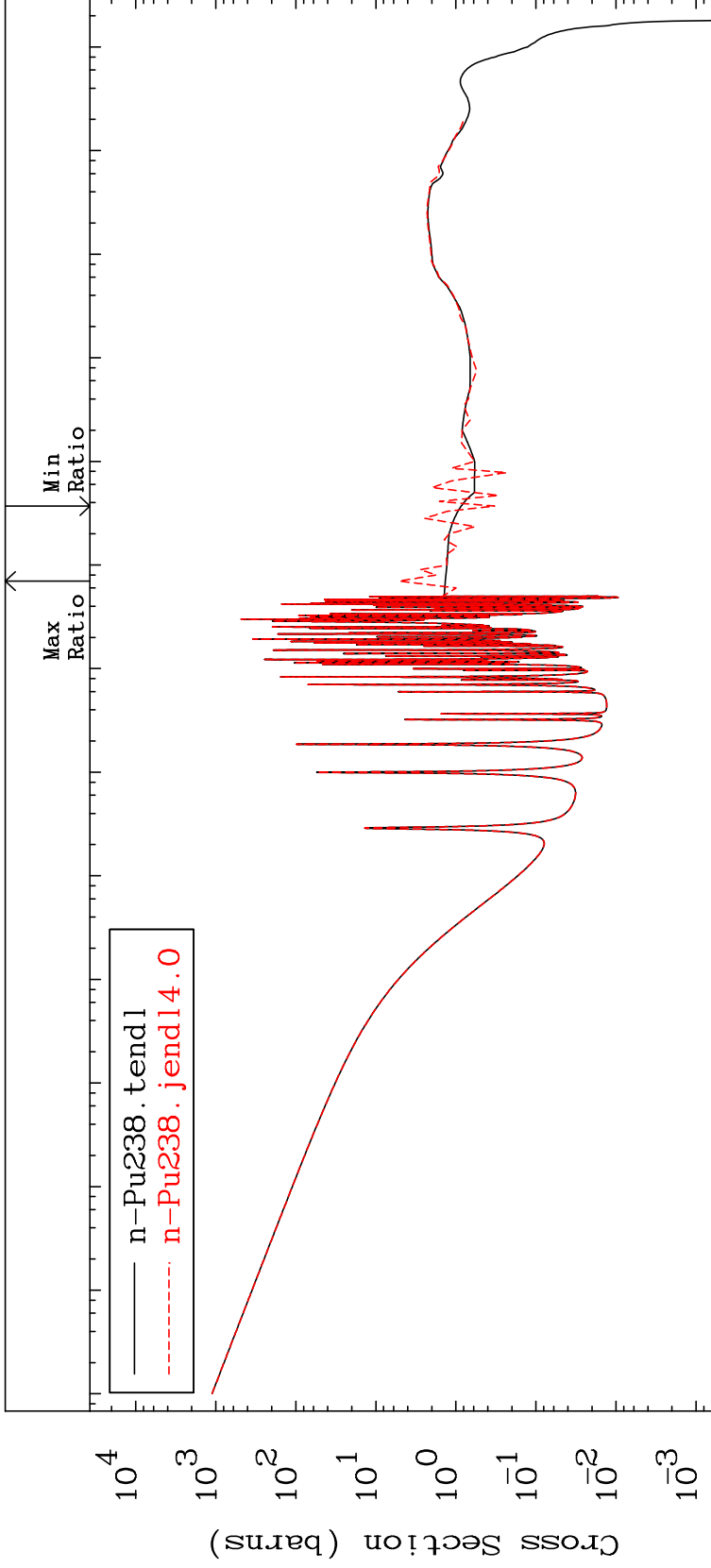
Incident Energy (eV)

6

MAT 9434

(n,f) First Chance
Cross Section

94-Pu-238
-61.77 To 279.1 %



Incident Energy (eV)

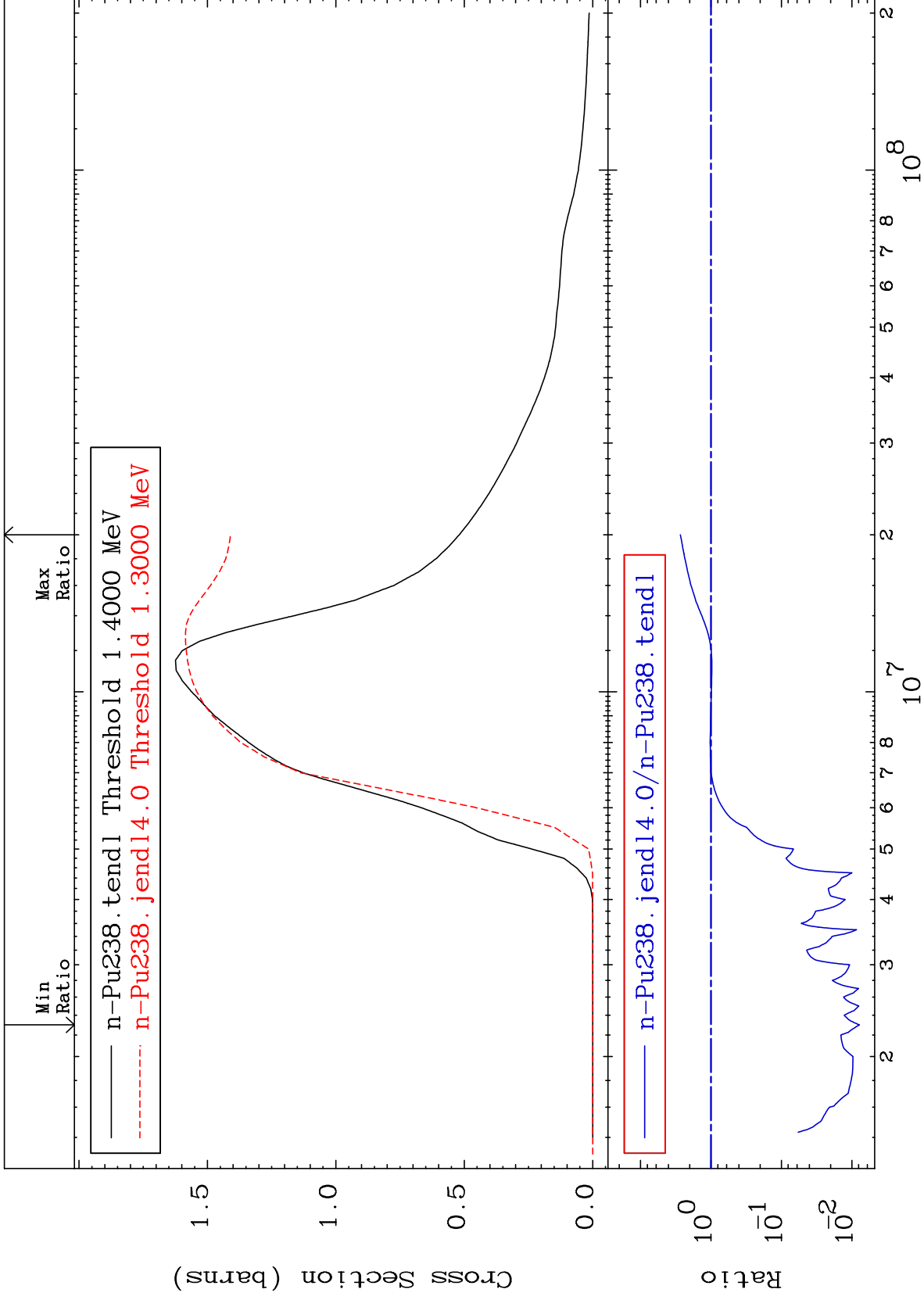
94-Pu-238

7

MAT 9434

(n, nf) Second Chance
Cross Section

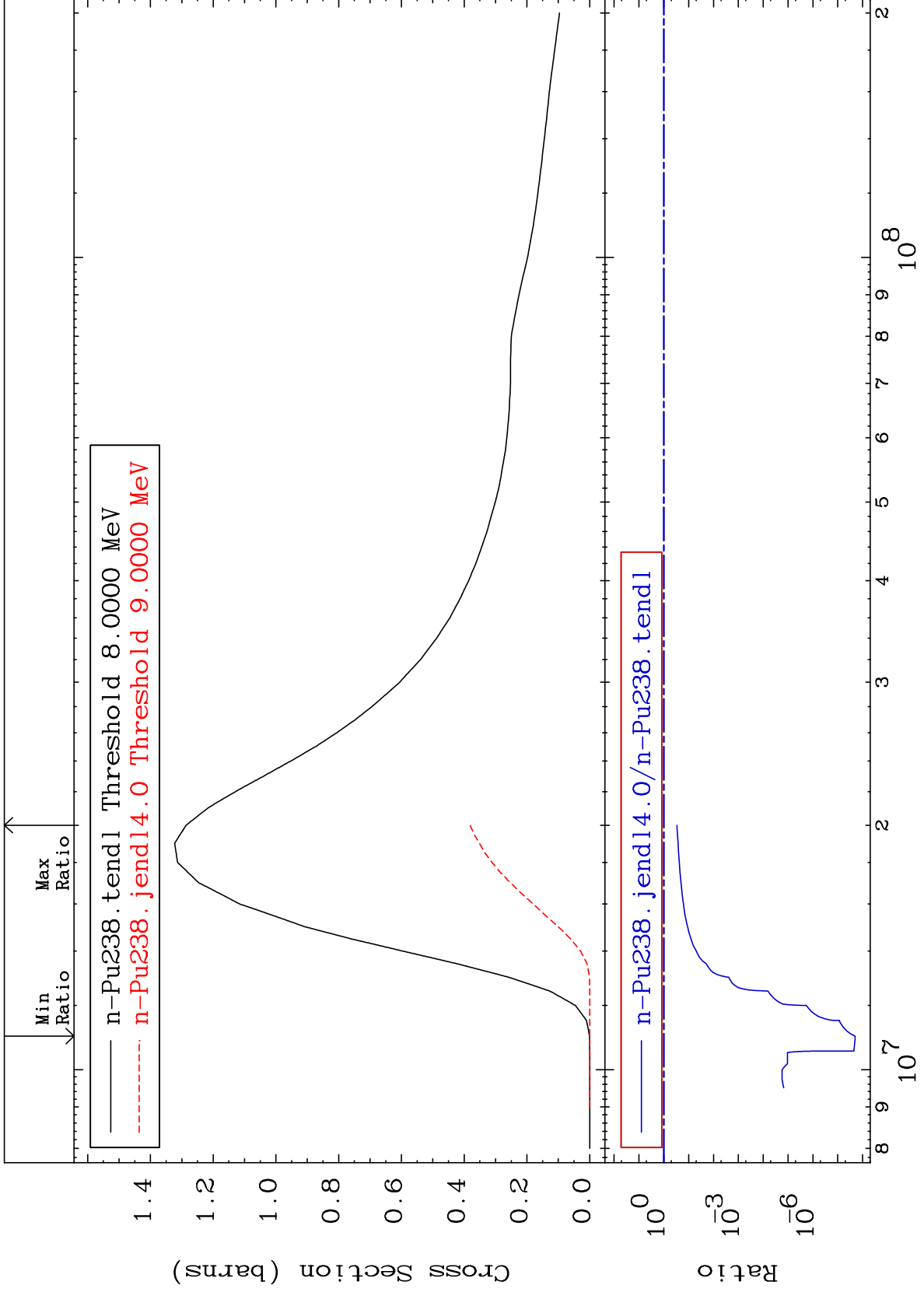
94-Pu-238
-99.22 To 171.5 %



MAT 9434

(n,2nf) Third Chance
Cross Section

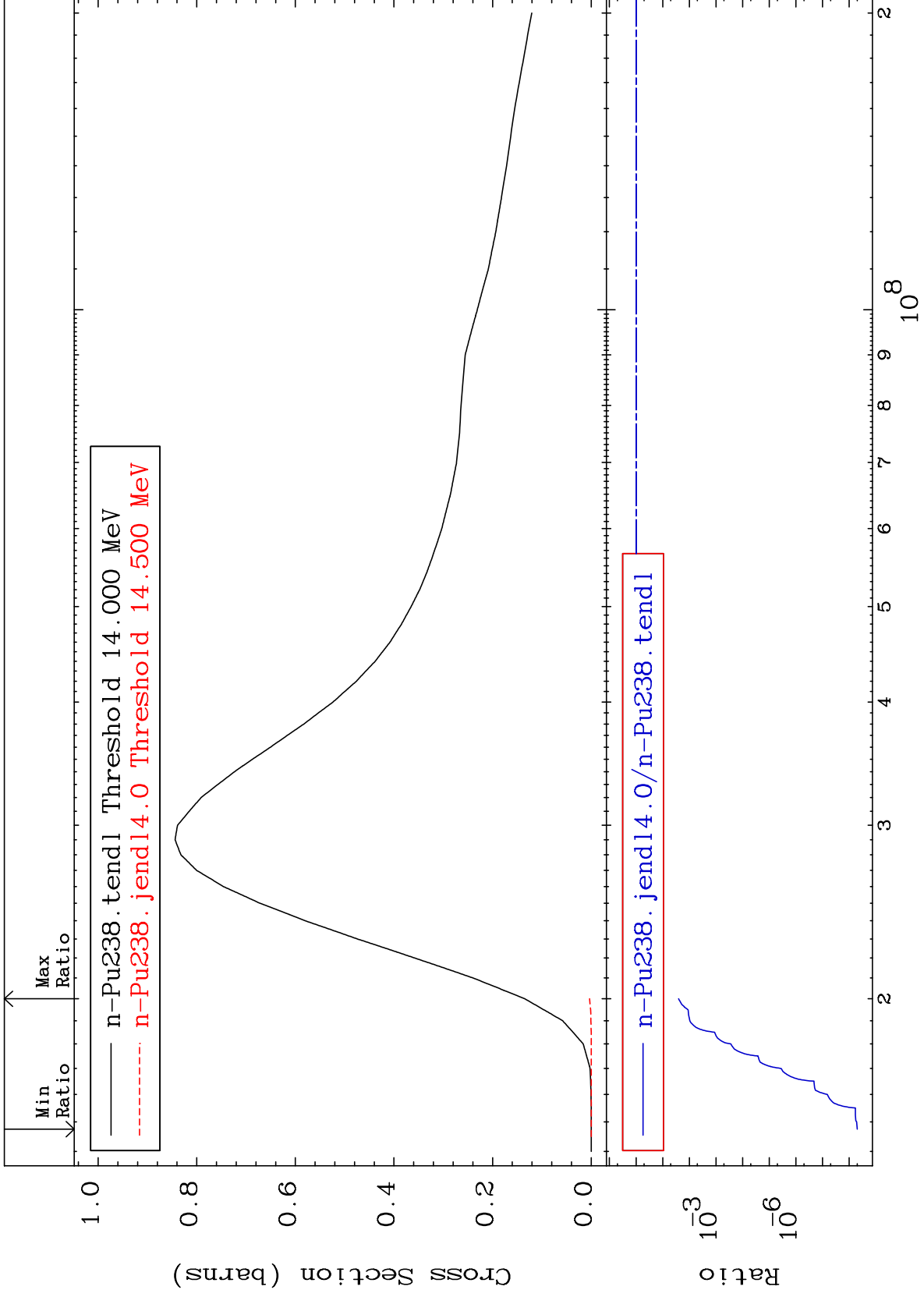
94-Pu-238
-100.0 To -70.38%



MAT 9434

(n,3nf) Fourth Chance
Cross Section

94-Pu-238
-100.0 To -97.47%



10

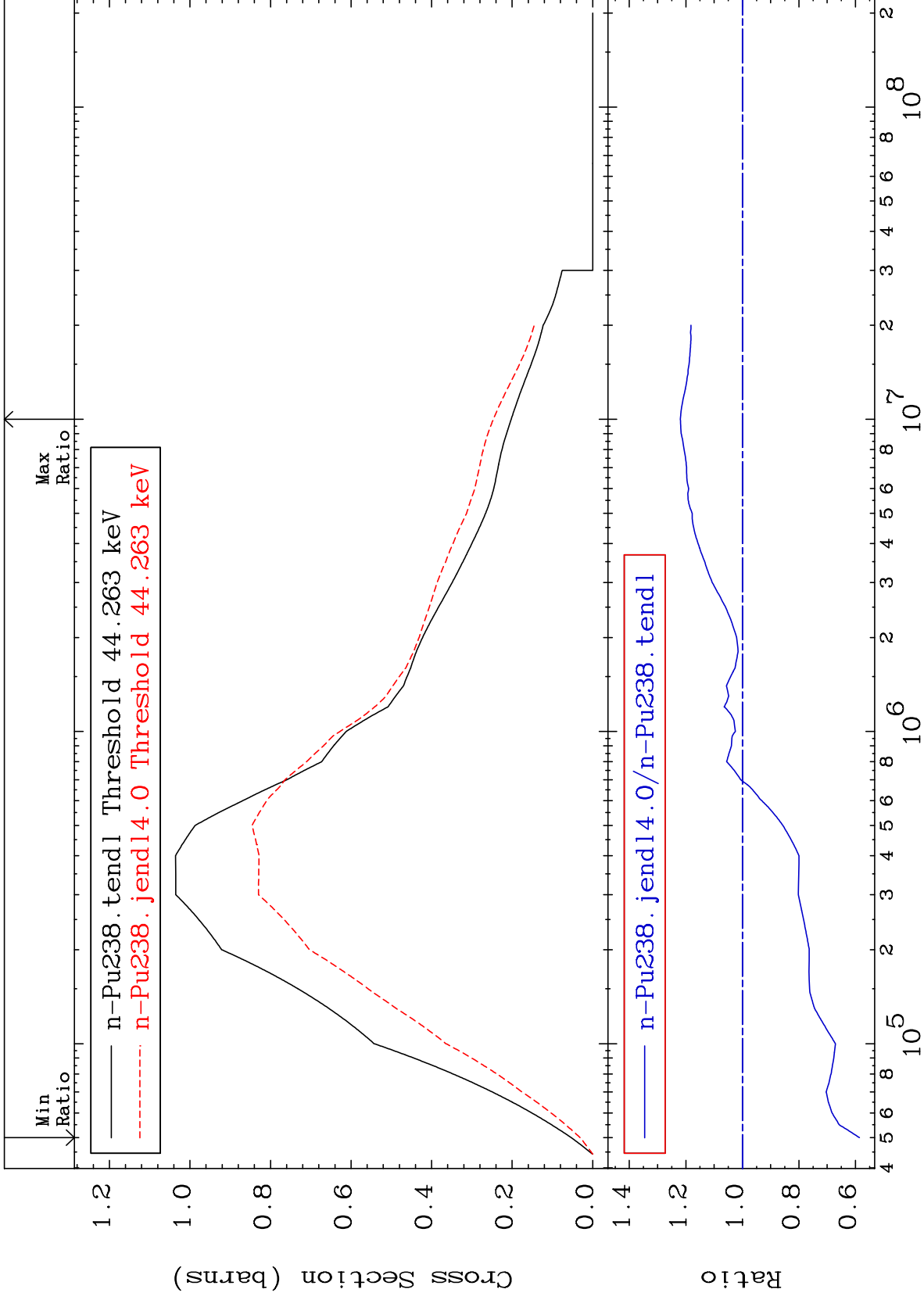
Incident Energy (eV)

94-Pu-238

MAT 9434

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

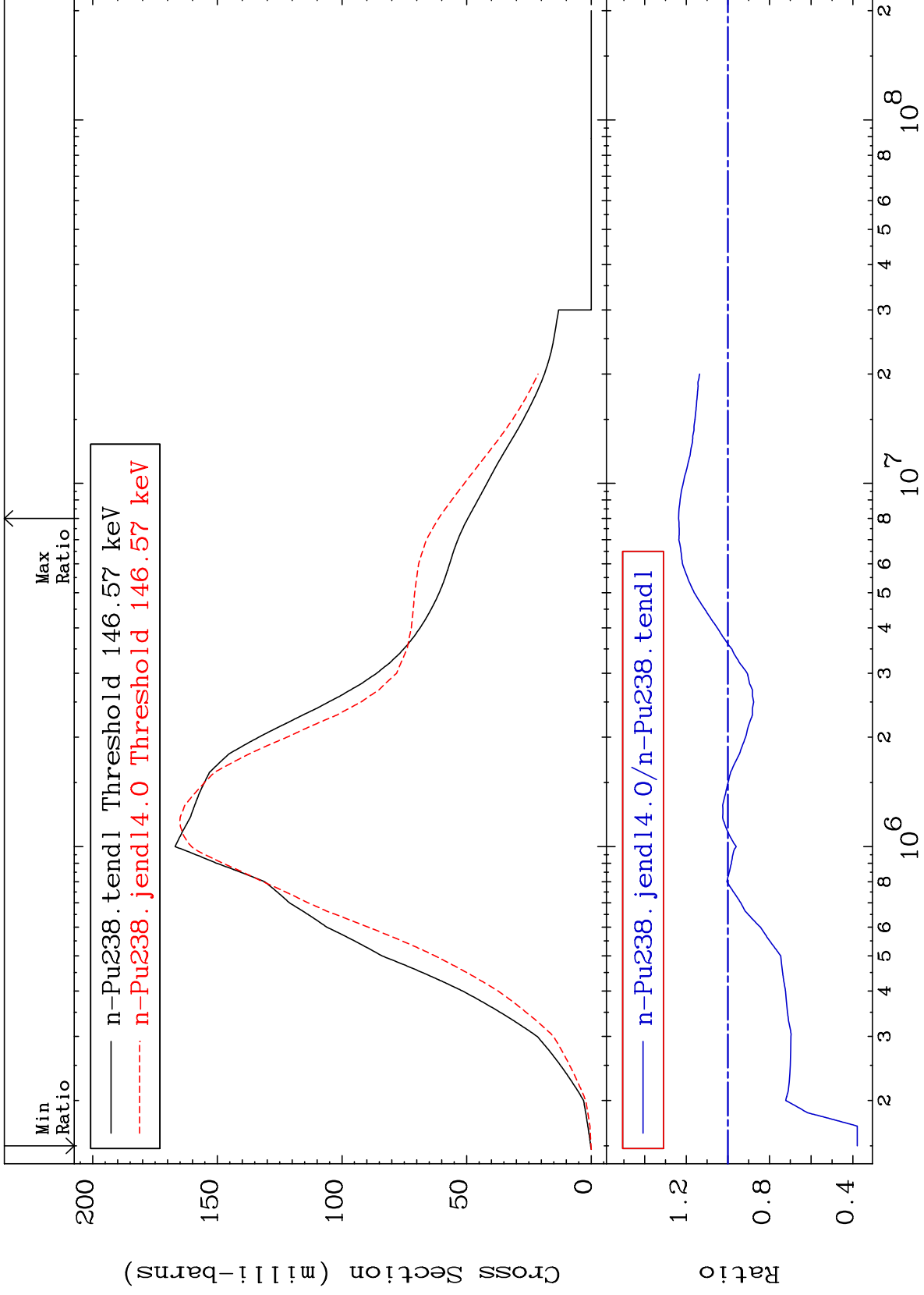
94-Pu-238
-41.40 To 21.95 %



MAT 9434

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

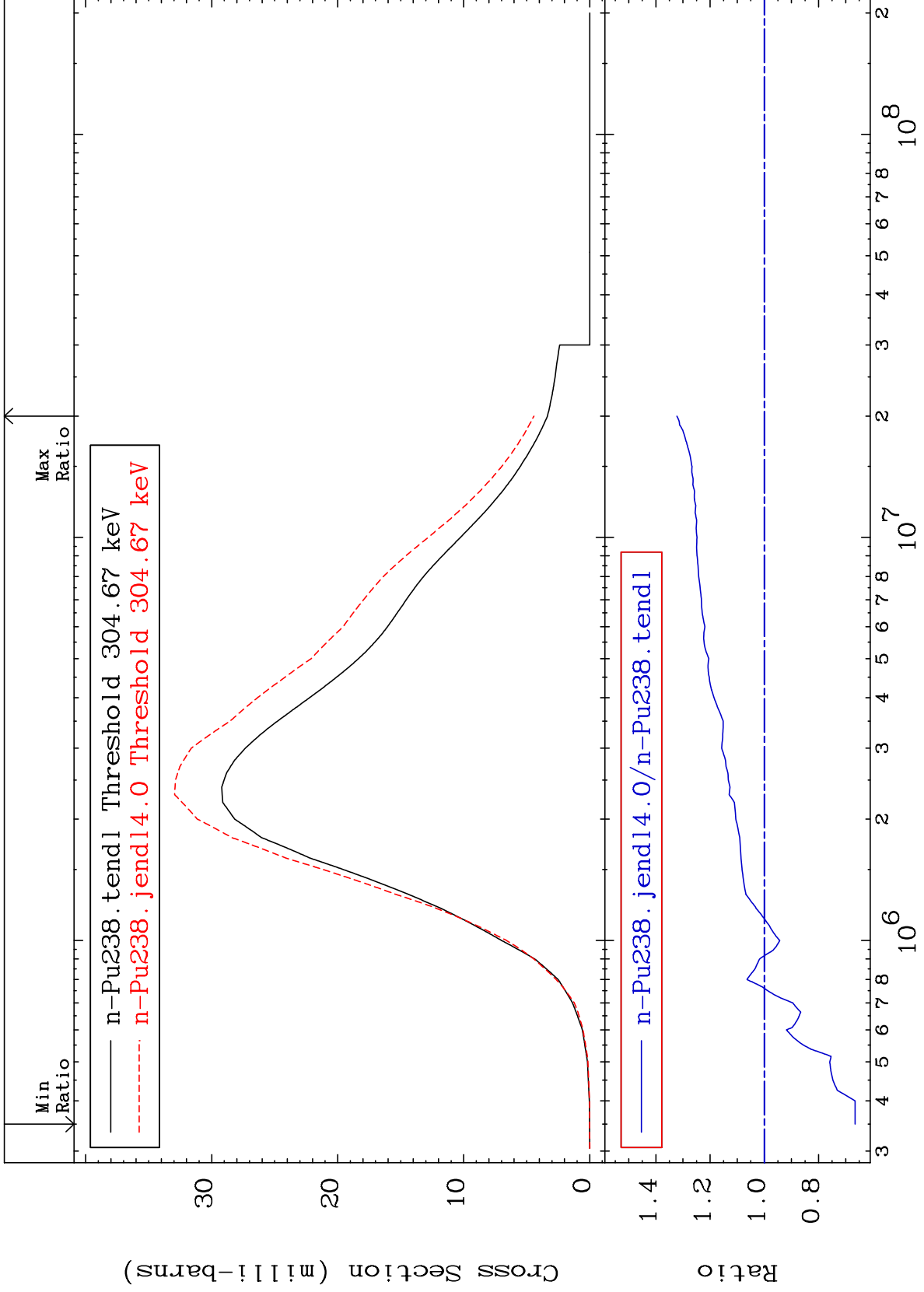
94-Pu-238
-62.15 To 23.70 %



MAT 9434

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

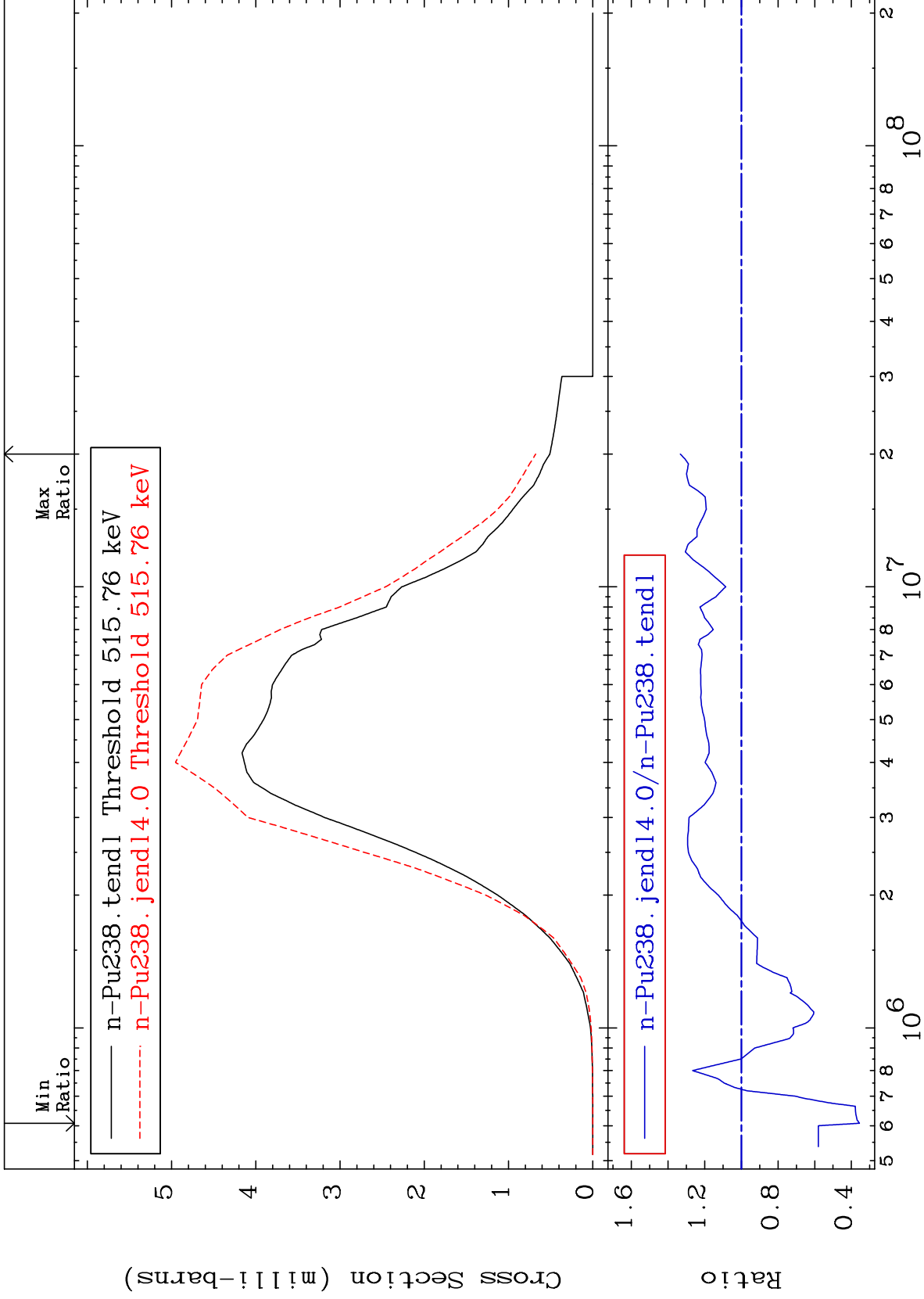
94-Pu-238
-33.46 To 32.23 %



MAT 9434

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

94-Pu-238
-64.39 To 33.27 %



14

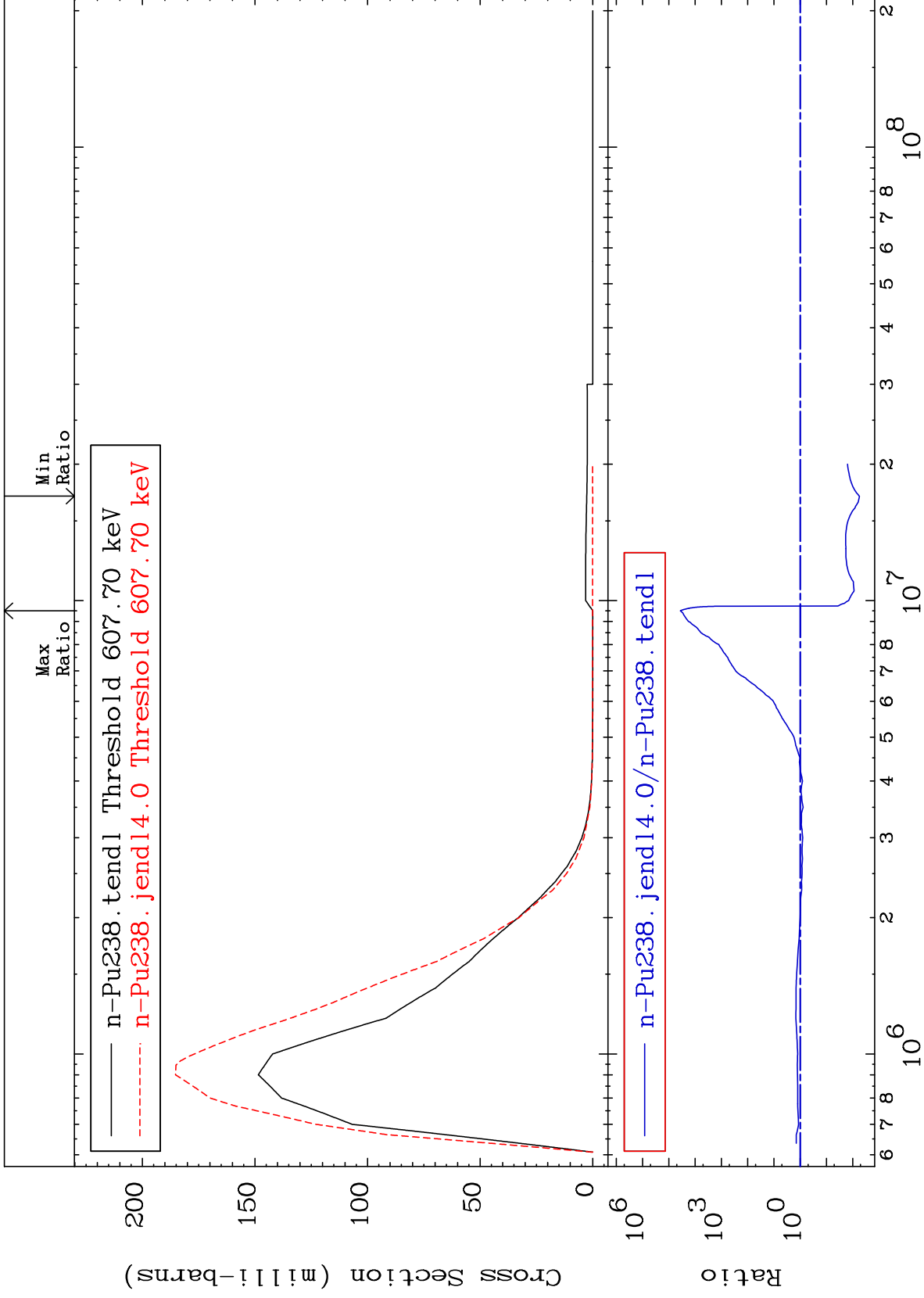
Incident Energy (eV)

94-Pu-238

MAT 9434

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

94-Pu-238
-99.45 To 9999. %



15

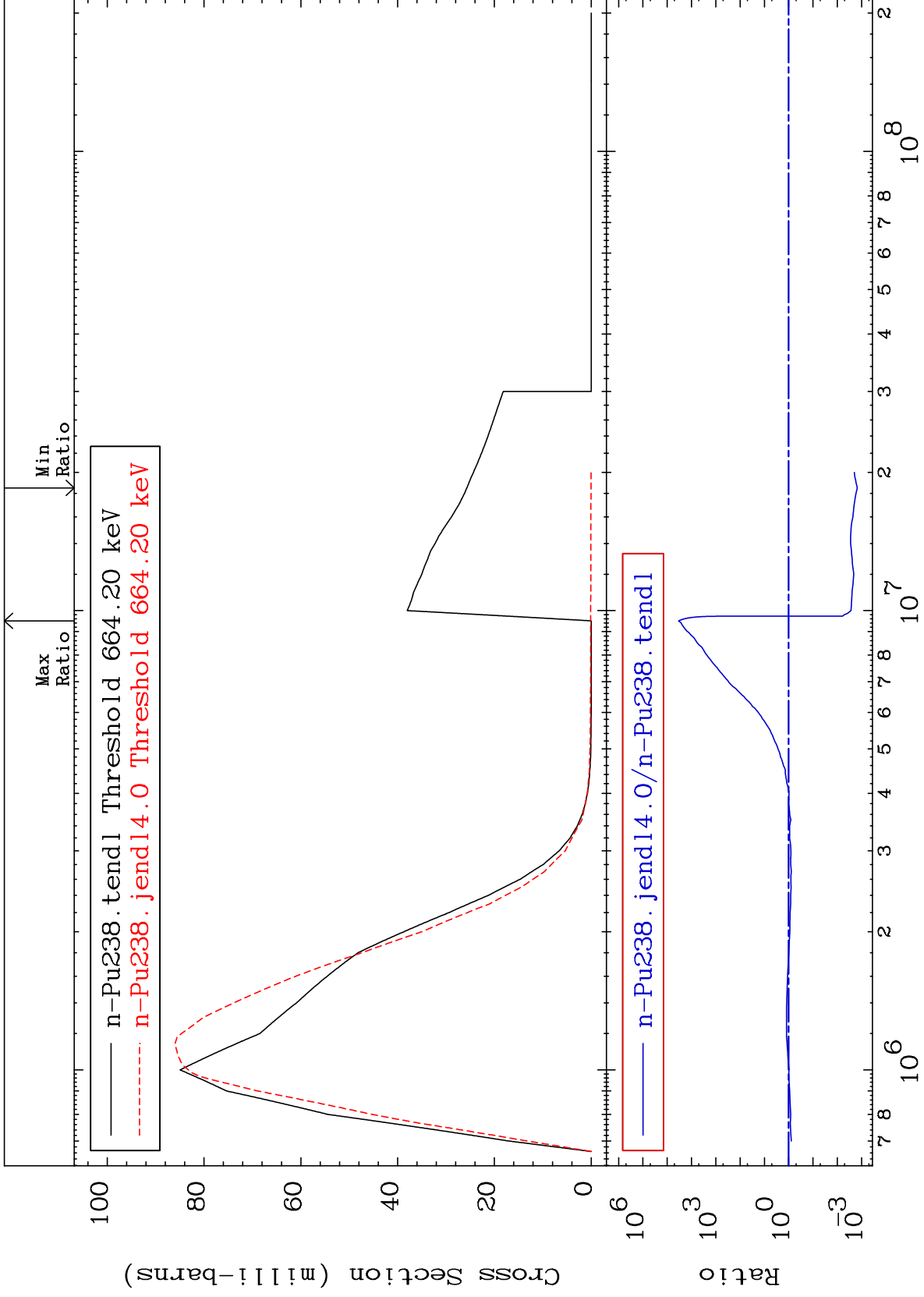
Incident Energy (eV)

94-Pu-238

MAT 9434

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

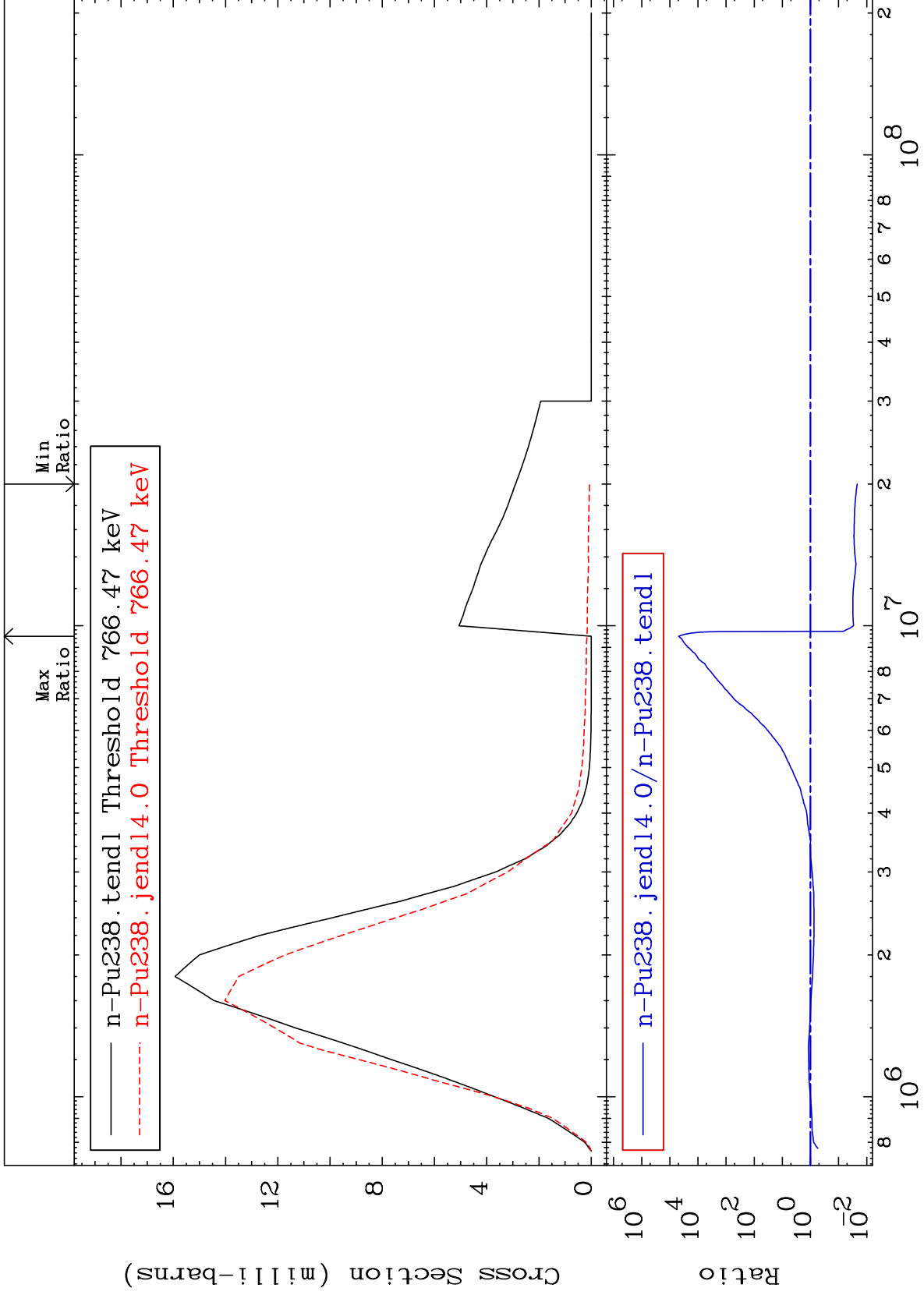
94-Pu-238
-99.85 To 9999. %



MAT 9434

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

94-Pu-238
-97.82 To 9999. %



17

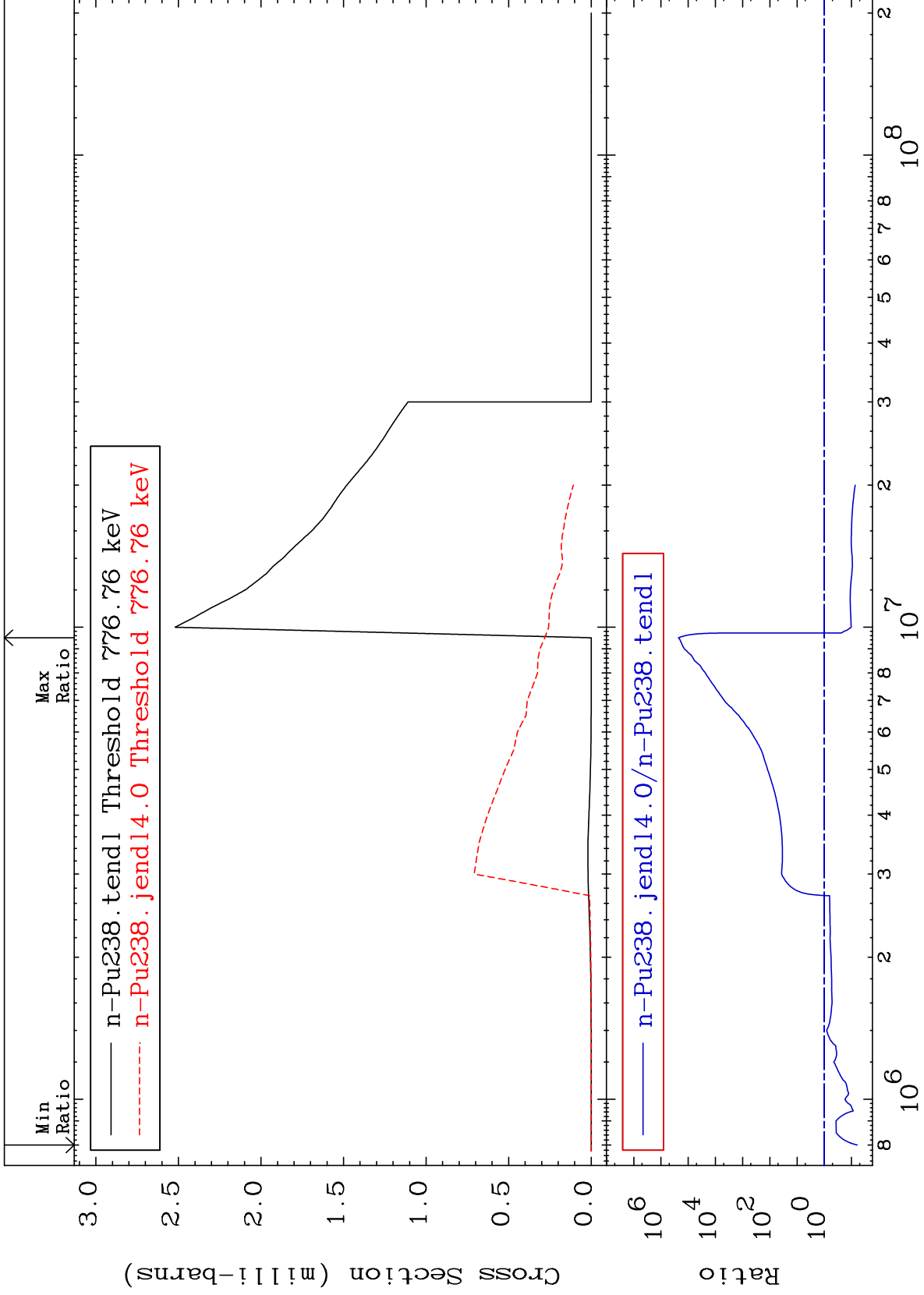
Incident Energy (eV)

94-Pu-238

MAT 9434

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

94-Pu-238
-93.87 To 9999. %



18

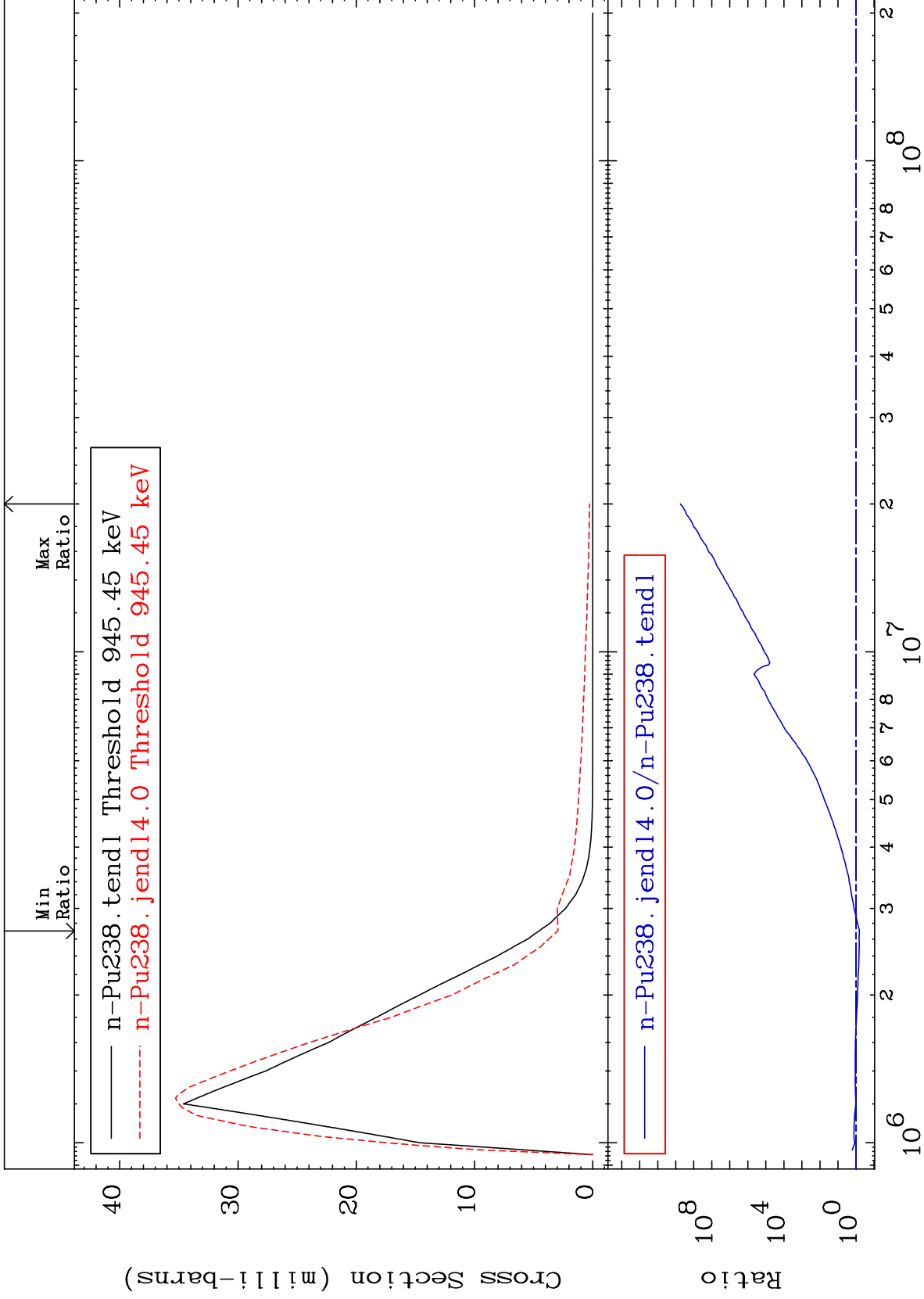
Incident Energy (eV)

94-Pu-238

MAT 9434

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

94-Pu-238
-35.32 To 9999. %



19

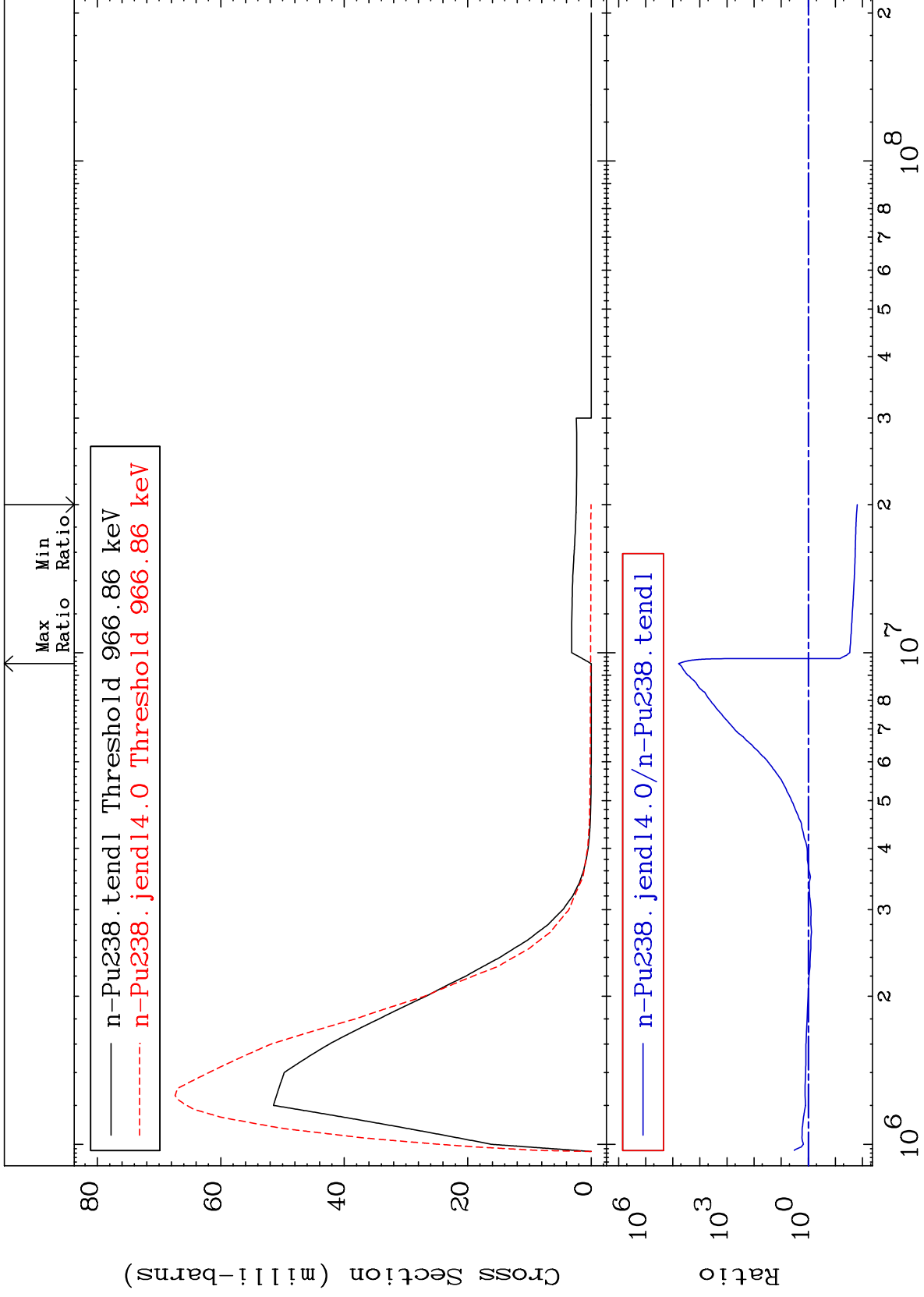
Incident Energy (eV)

94-Pu-238

MAT 9434

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

94-Pu-238
-98.43 To 9999. %



20

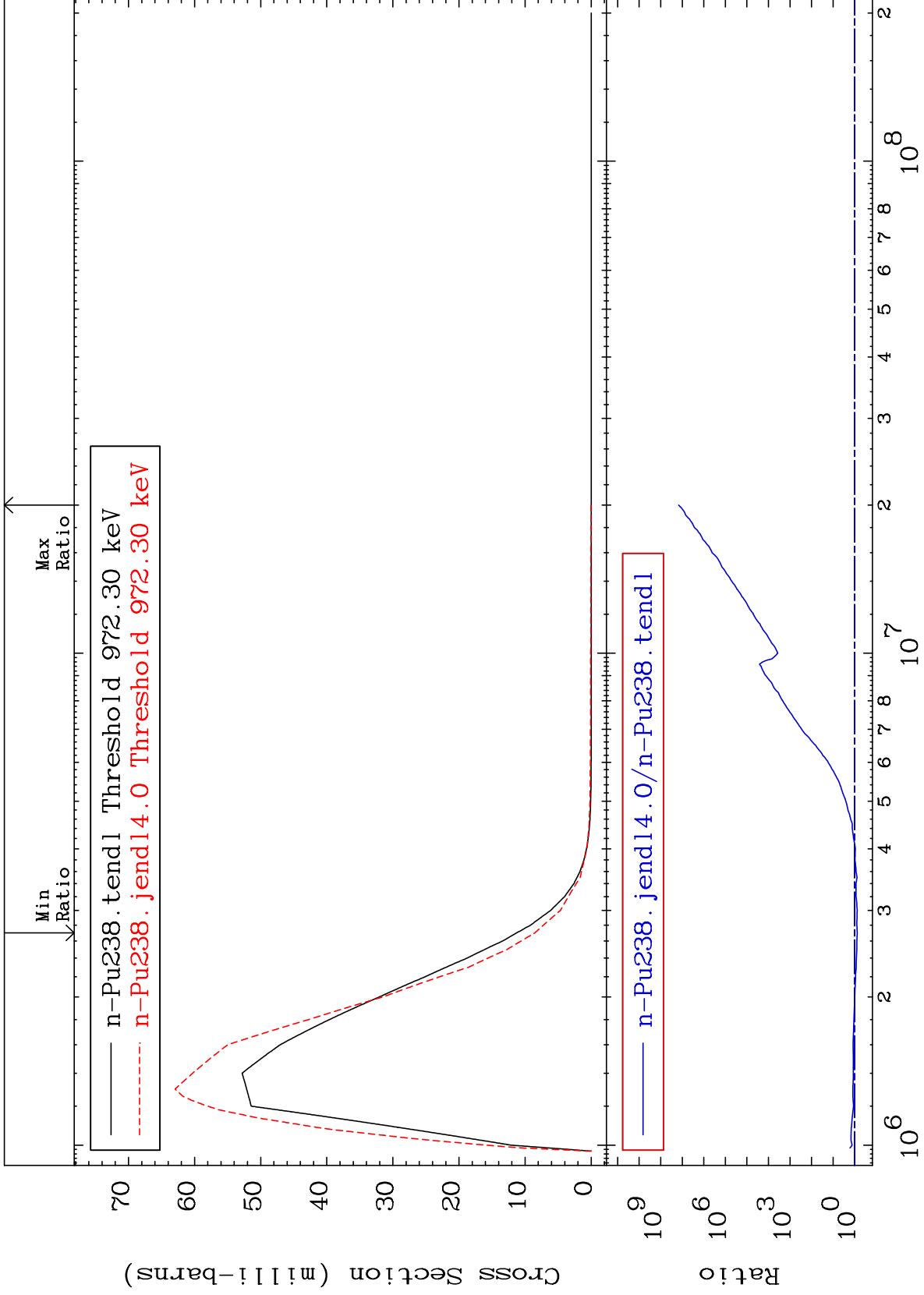
Incident Energy (eV)

94-Pu-238

MAT 9434

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

94-Pu-238
-24.45 To 9999. %



21

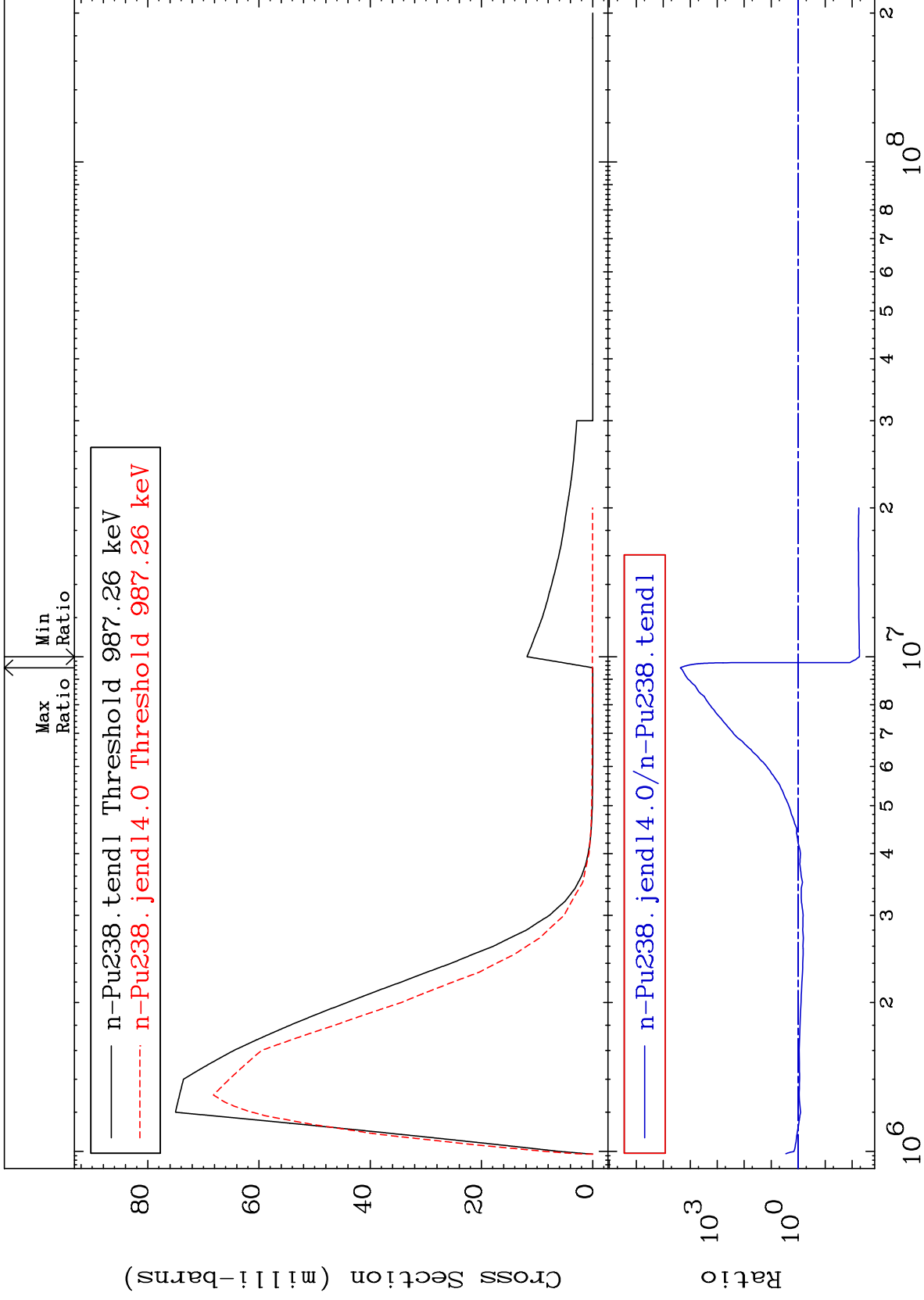
Incident Energy (eV)

94-Pu-238

MAT 9434

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

94-Pu-238
-99.46 To 9999. %



22

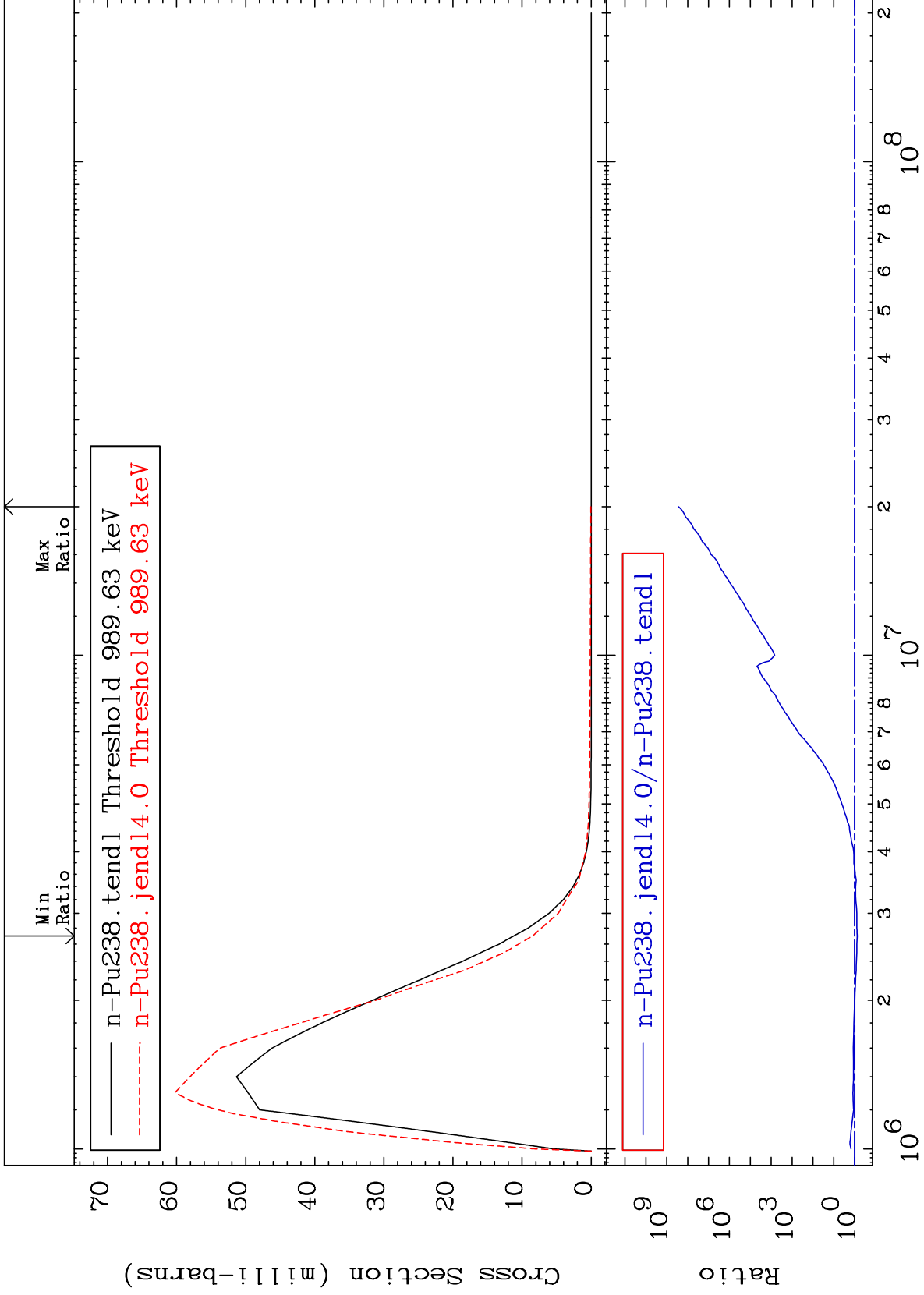
Incident Energy (eV)

94-Pu-238

MAT 9434

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

94-Pu-238
-24.61 To 9999. %



23

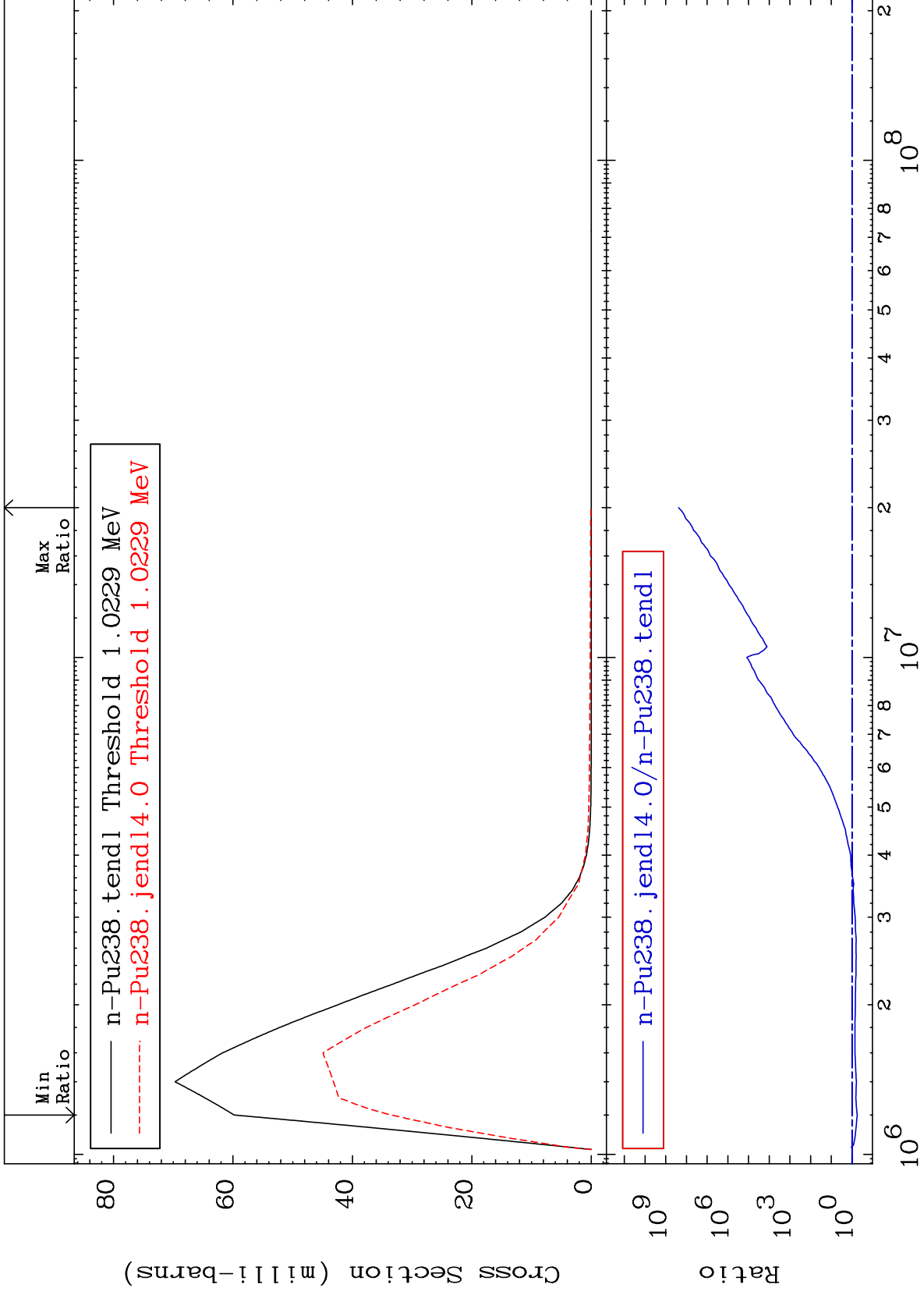
Incident Energy (eV)

94-Pu-238

MAT 9434

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

94-Pu-238
-44.19 To 9999. %



24

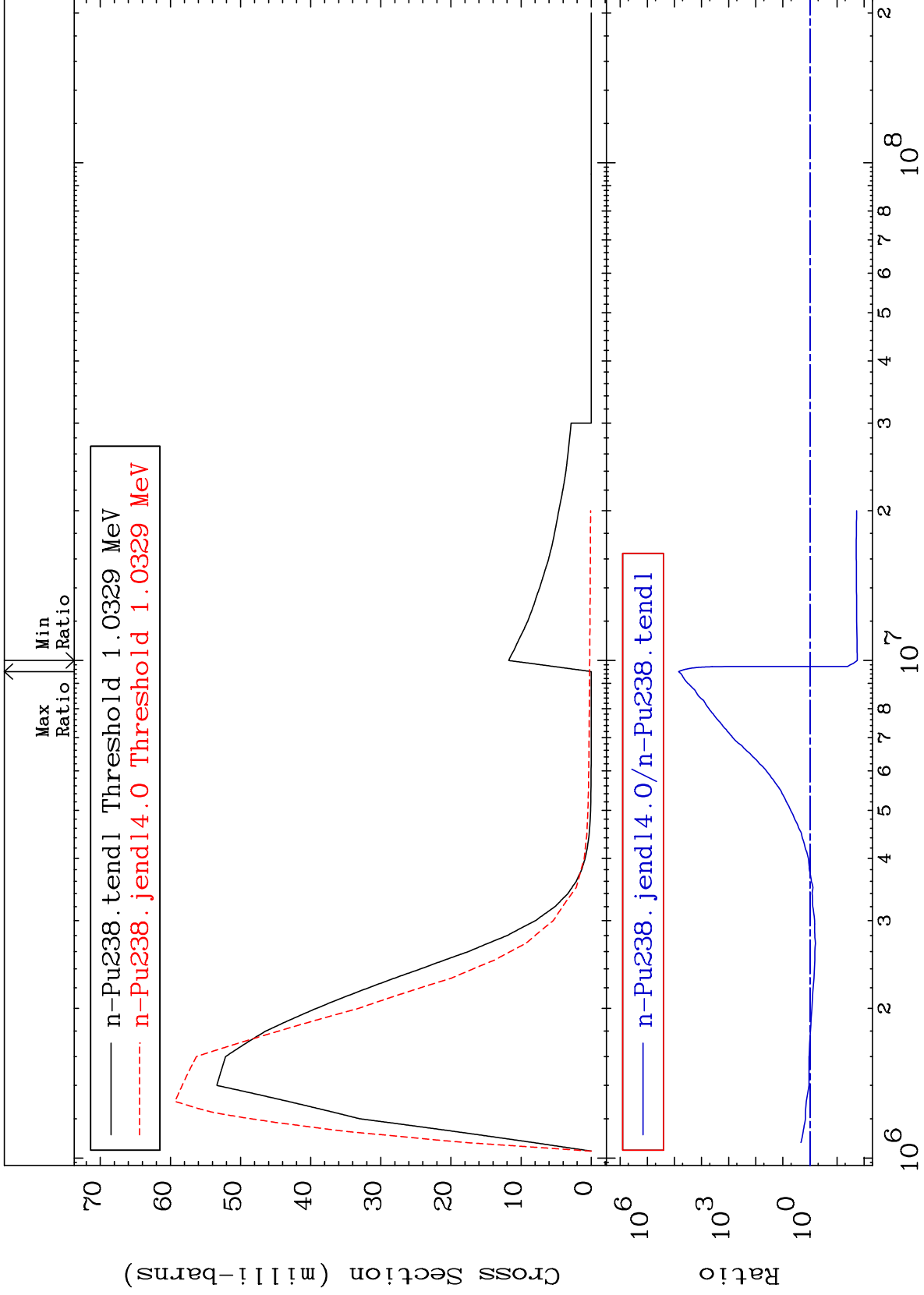
Incident Energy (eV)

94-Pu-238

MAT 9434

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

94-Pu-238
-98.19 To 9999. %



25

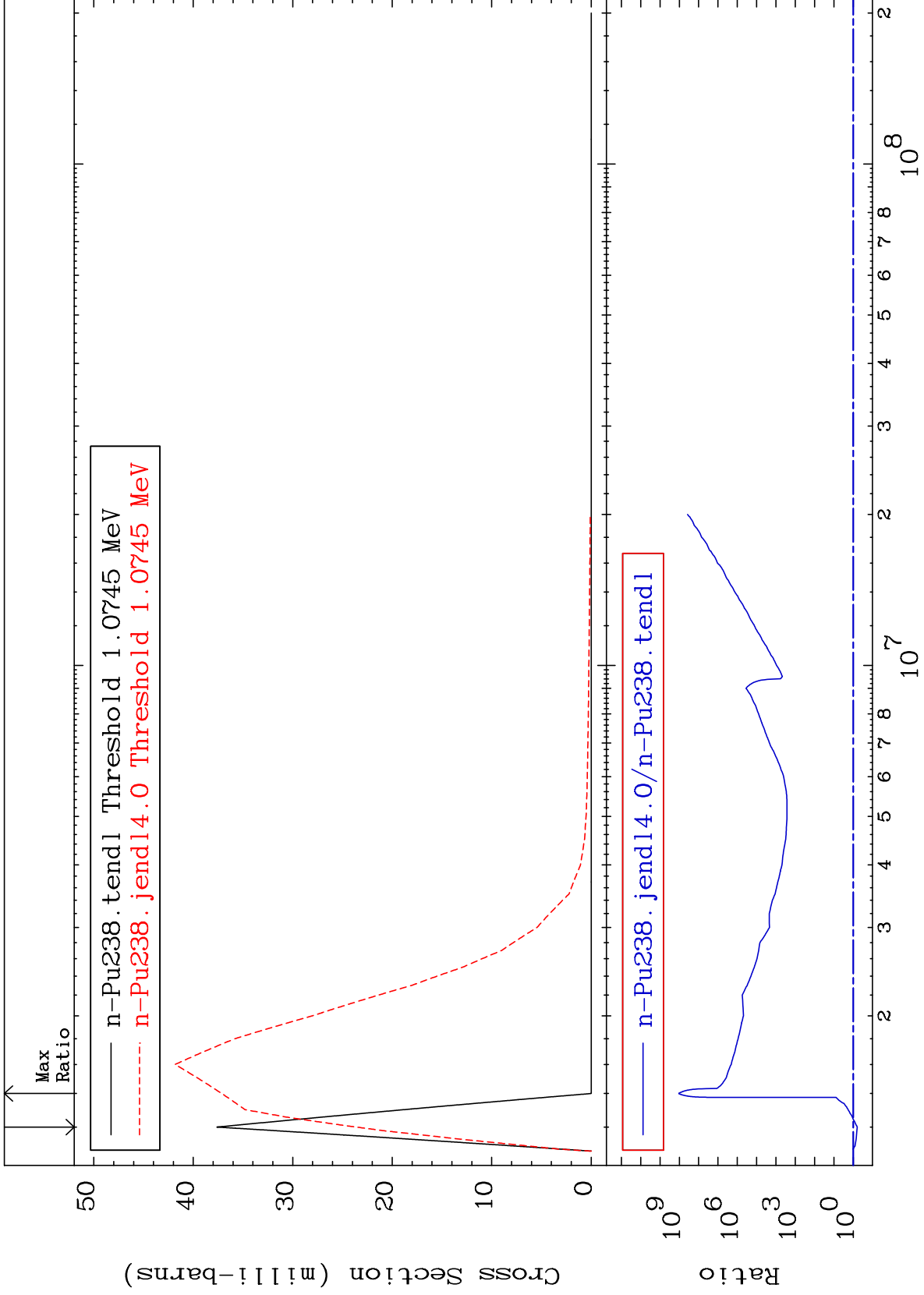
Incident Energy (eV)

94-Pu-238

MAT 9434

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

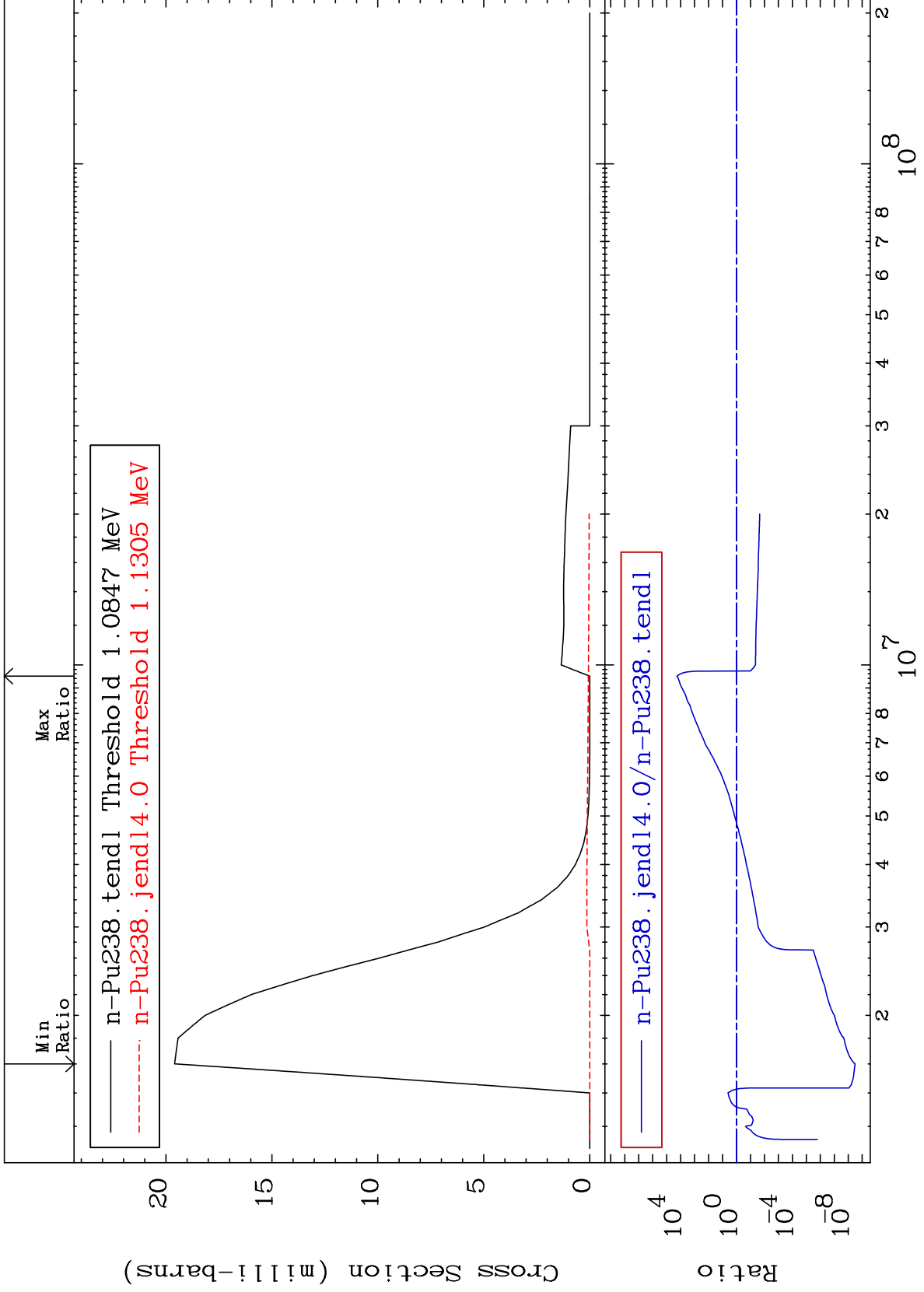
94-Pu-238
-37.26 To 9999. %



MAT 9434

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

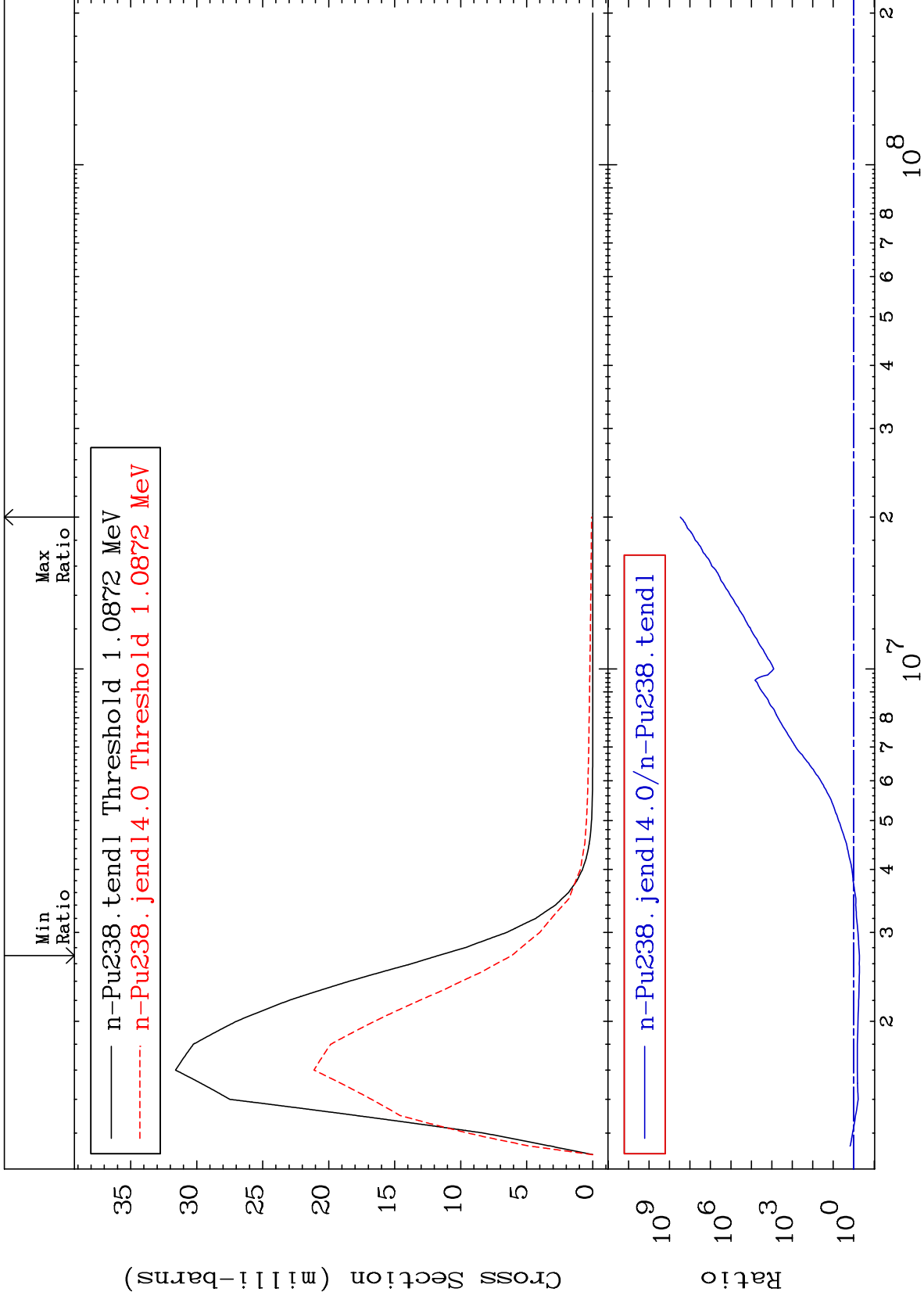
94-Pu-238
-100.0 To 9999. %



MAT 9434

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

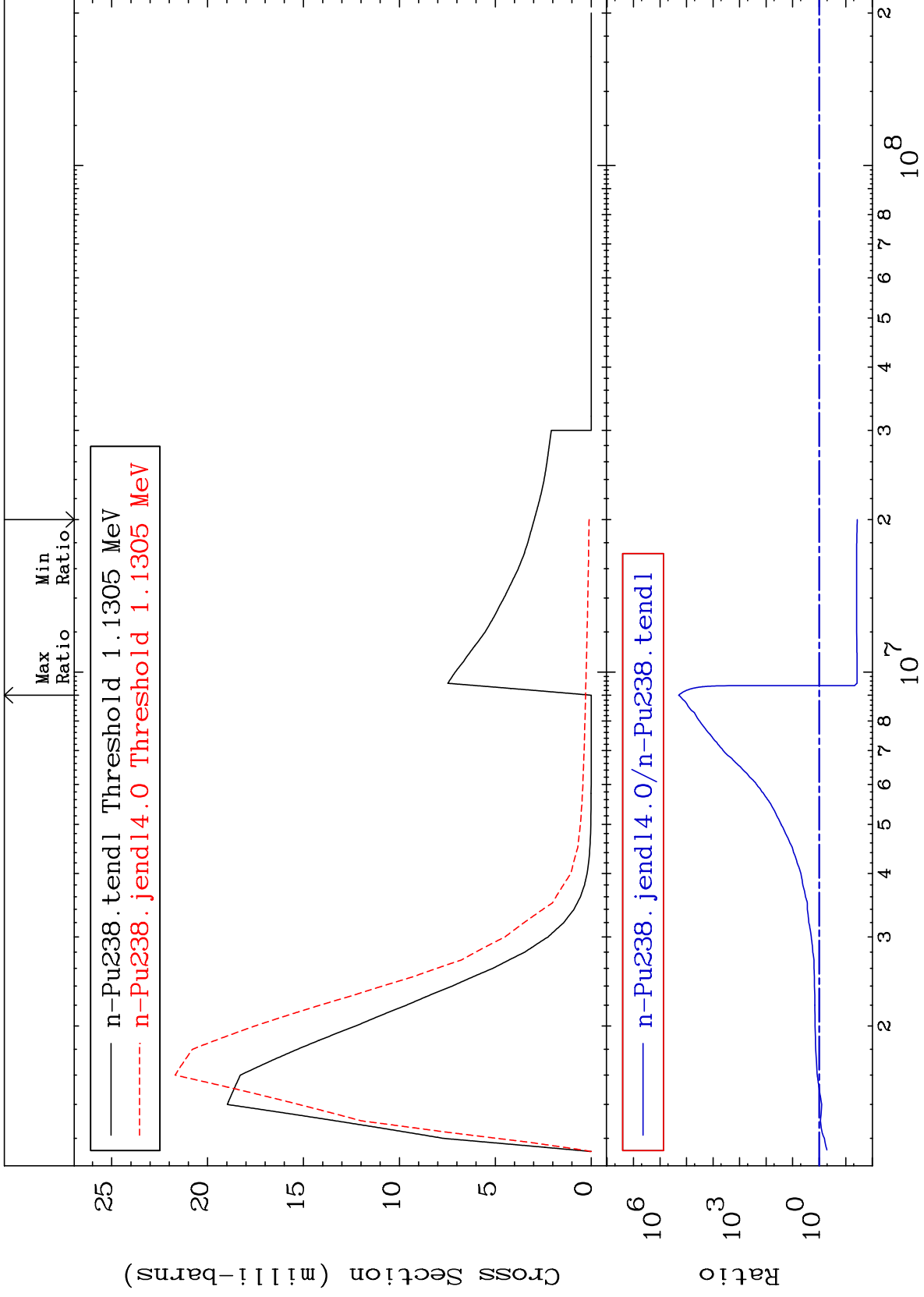
94-Pu-238
-47.63 To 9999. %

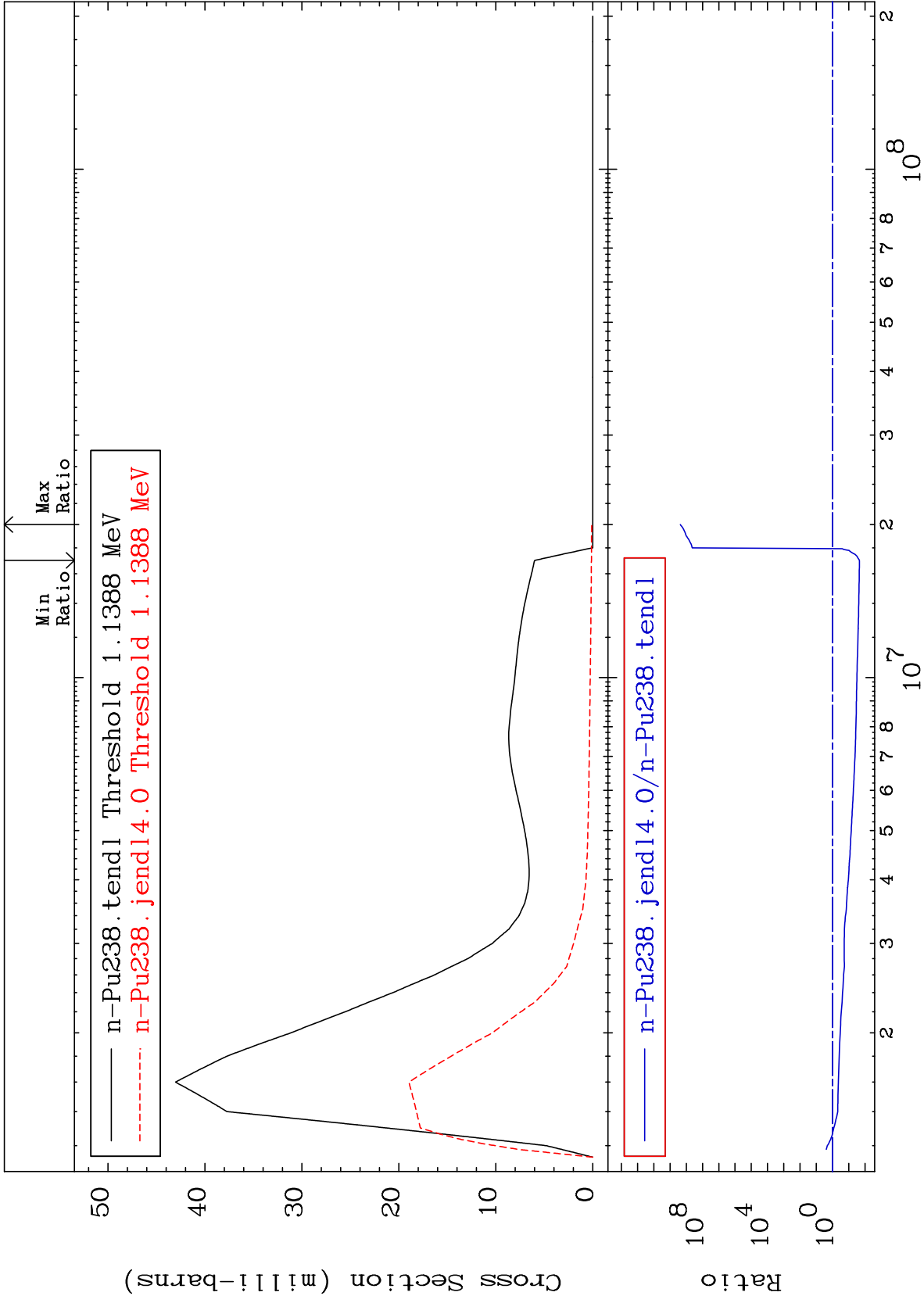


MAT 9434

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

94-Pu-238
-96.33 To 9999. %

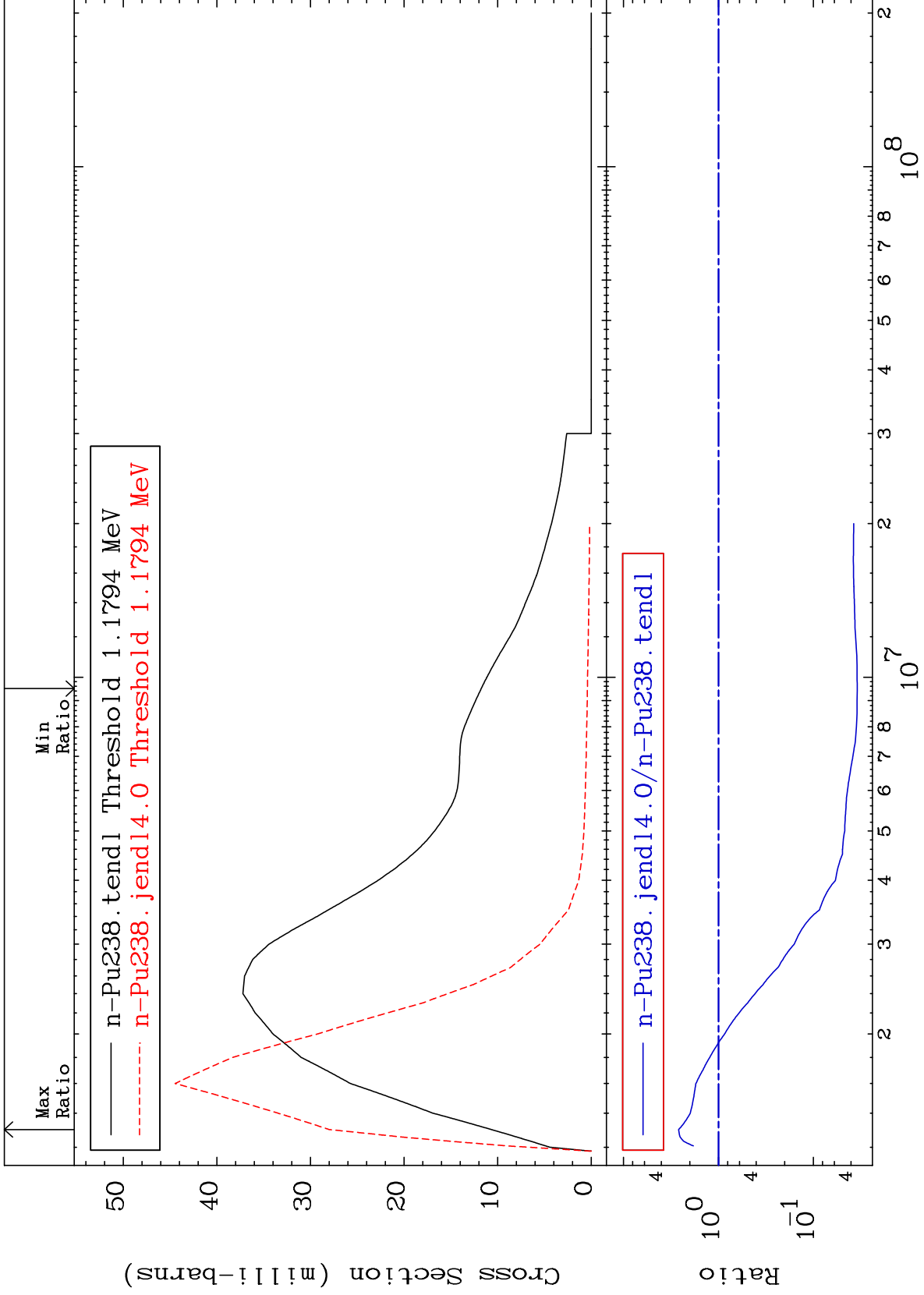




MAT 9434

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

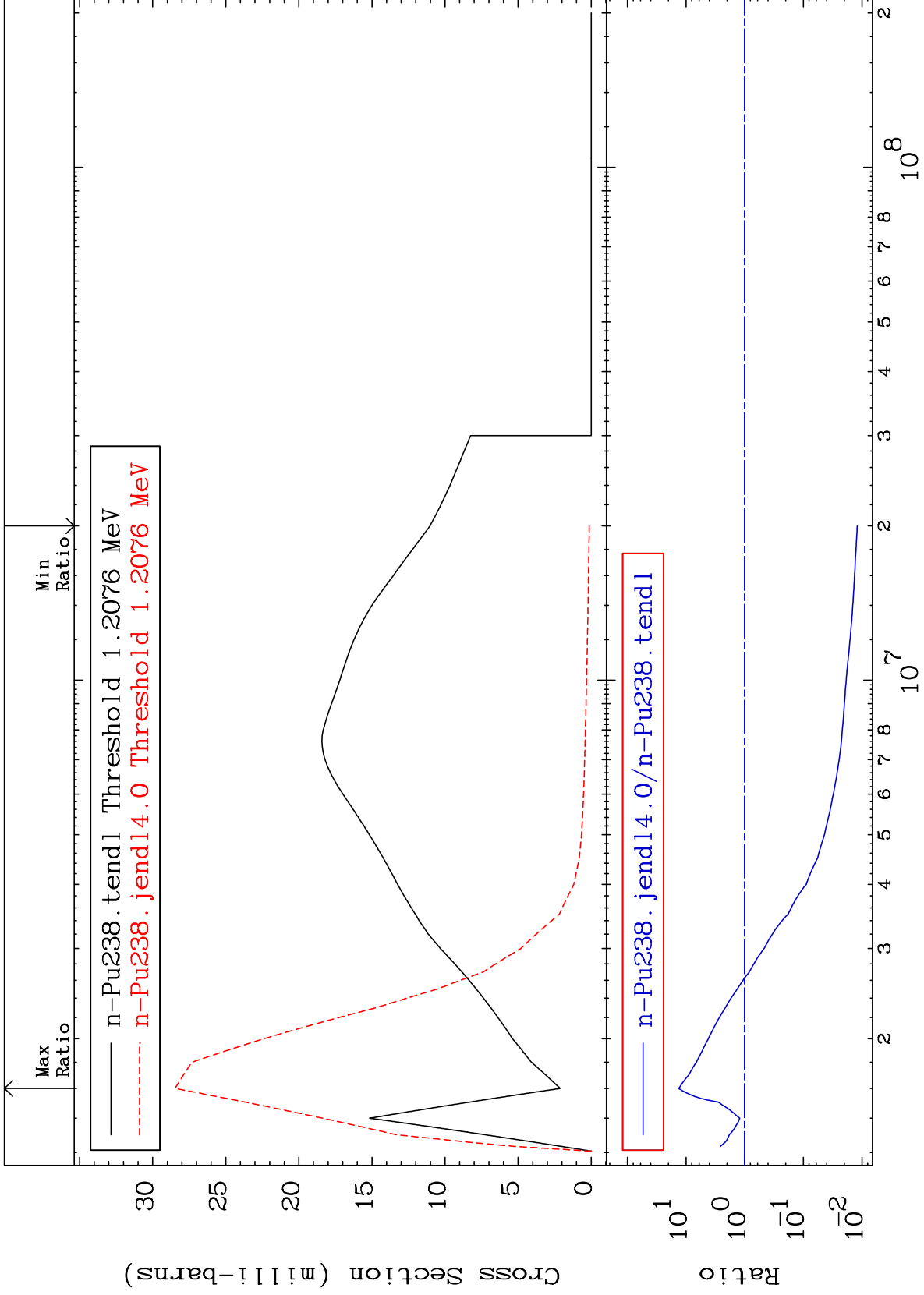
94-Pu-238
-96.56 To 162.6 %



MAT 9434

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

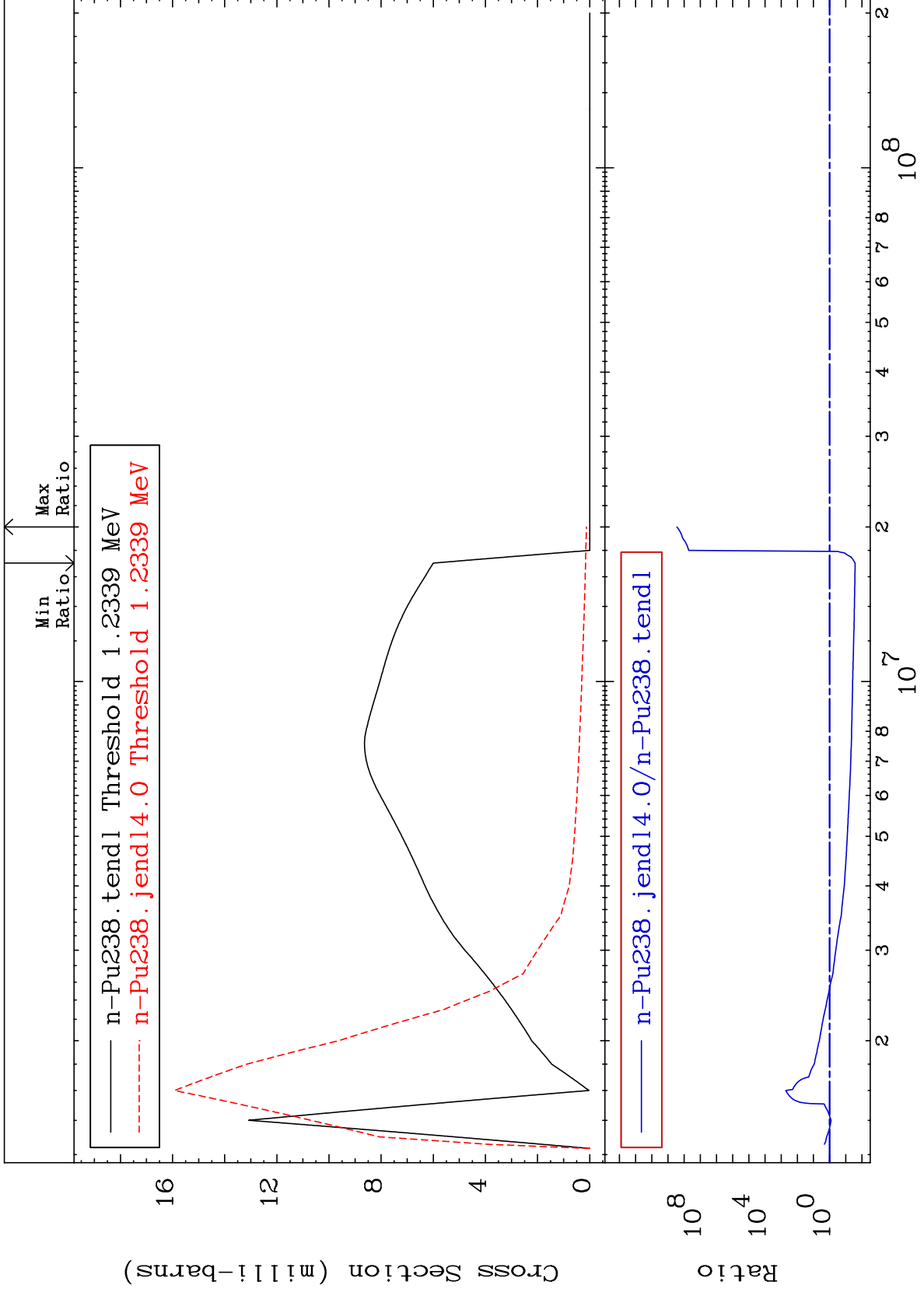
94-Pu-238
-98.80 To 1241. %



MAT 9434

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

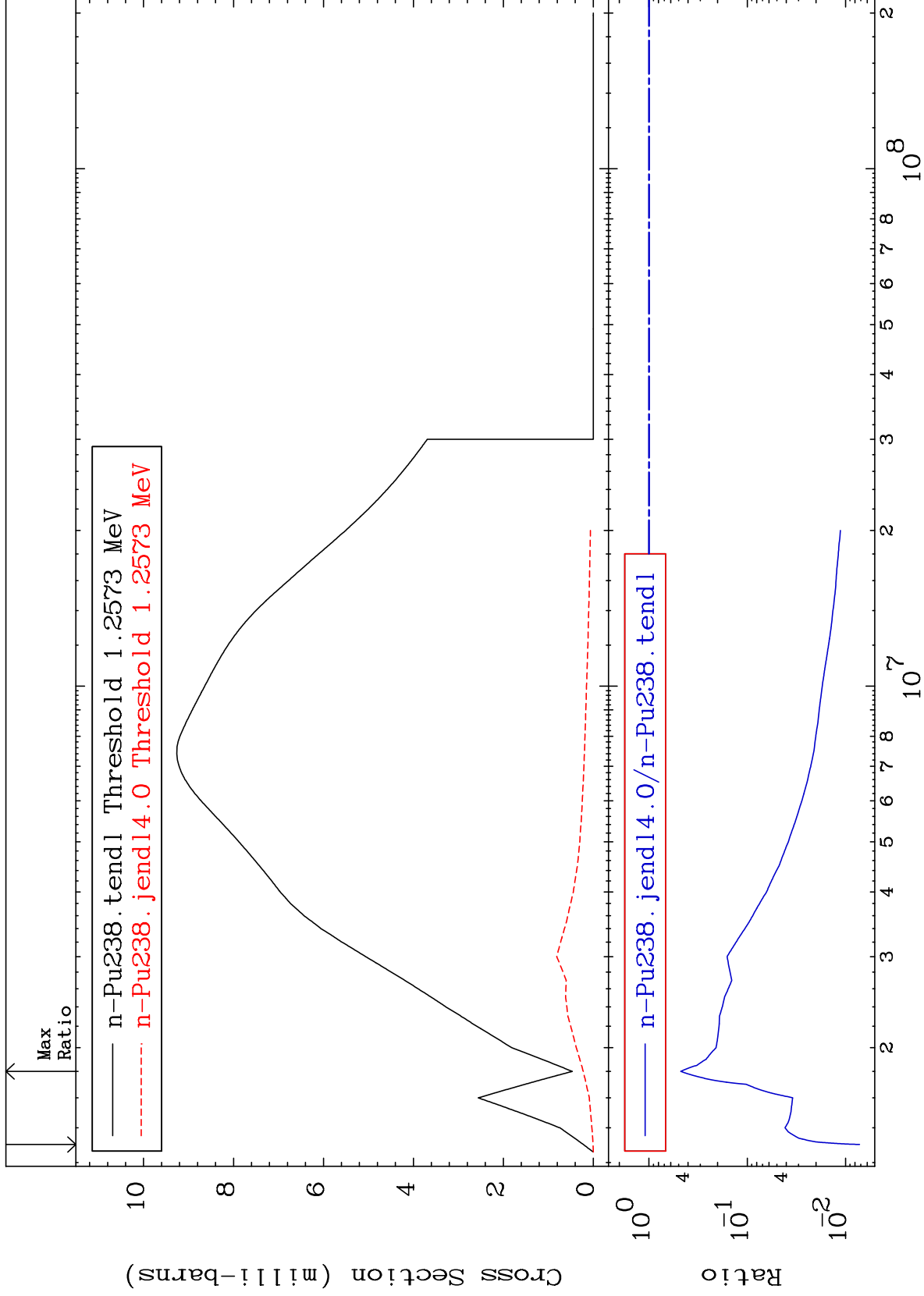
94-Pu-238
-97.33 To 9999. %



MAT 9434

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

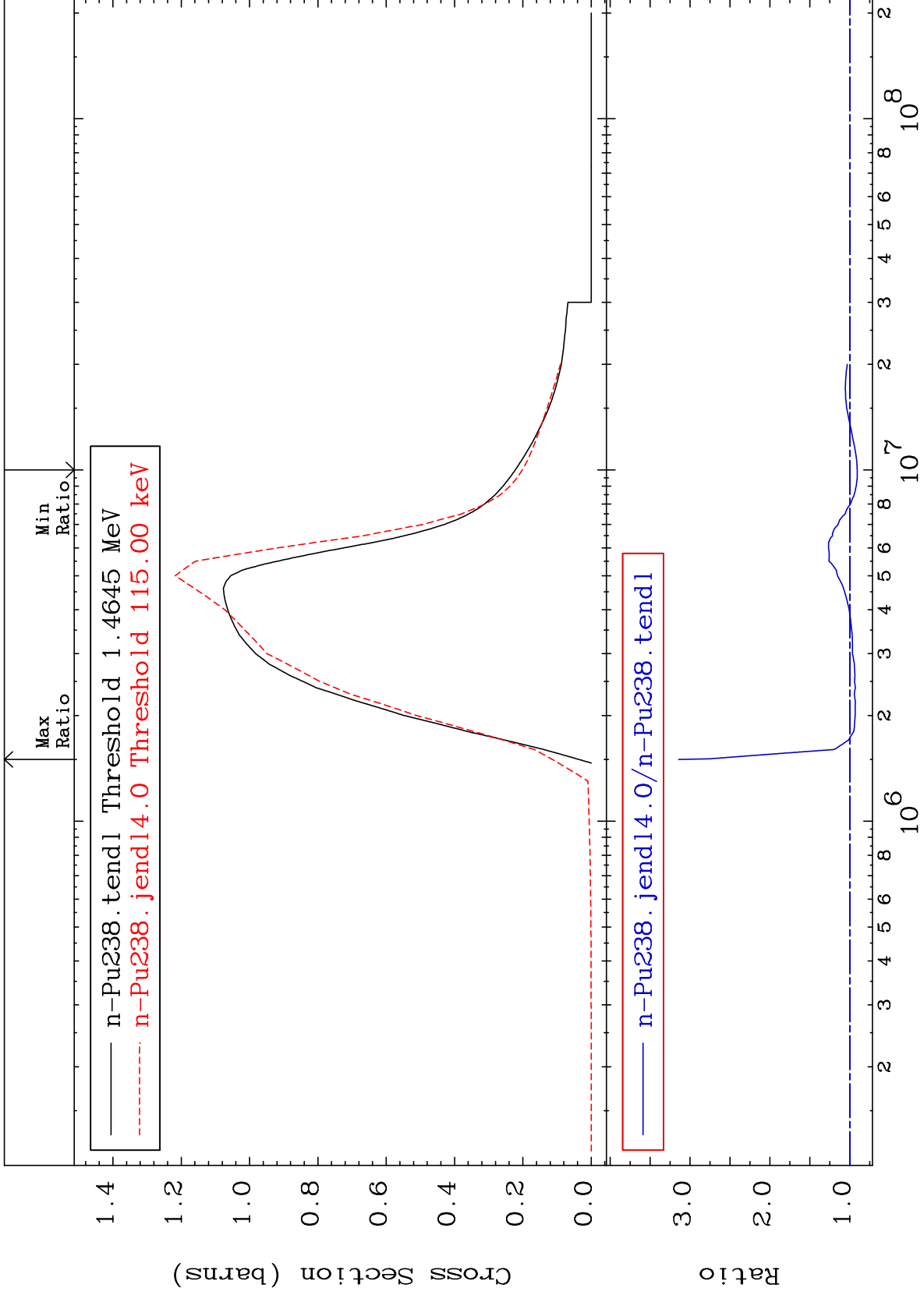
94-Pu-238
-99.28 To -52.52%



MAT 9434

(n, n') Continuum
Cross Section

94-Pu-238
-9.288 To 214.3 %



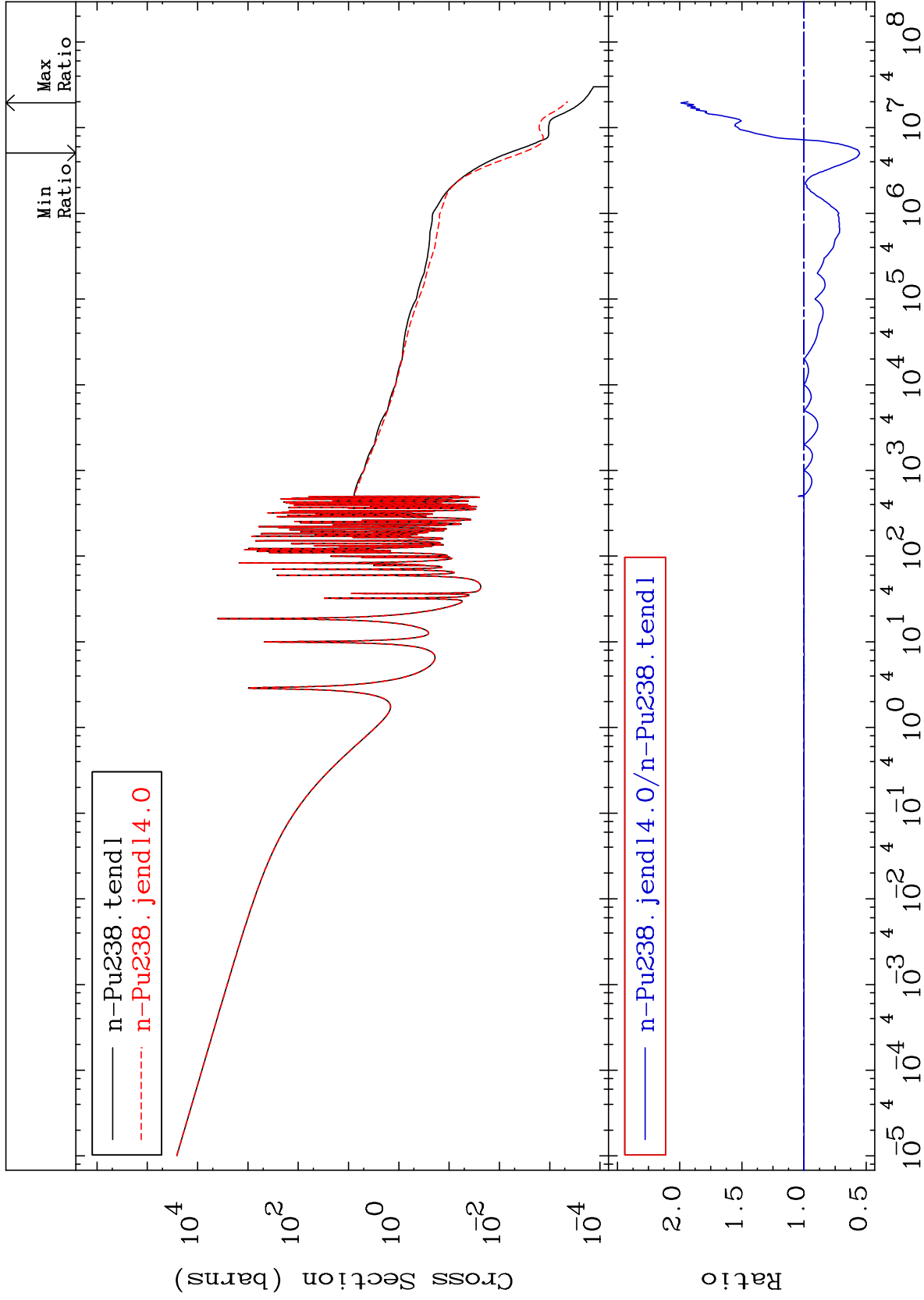
MAT 9434

(n, γ)

94-Pu-238

Cross Section

-44.64 To 99.09 %



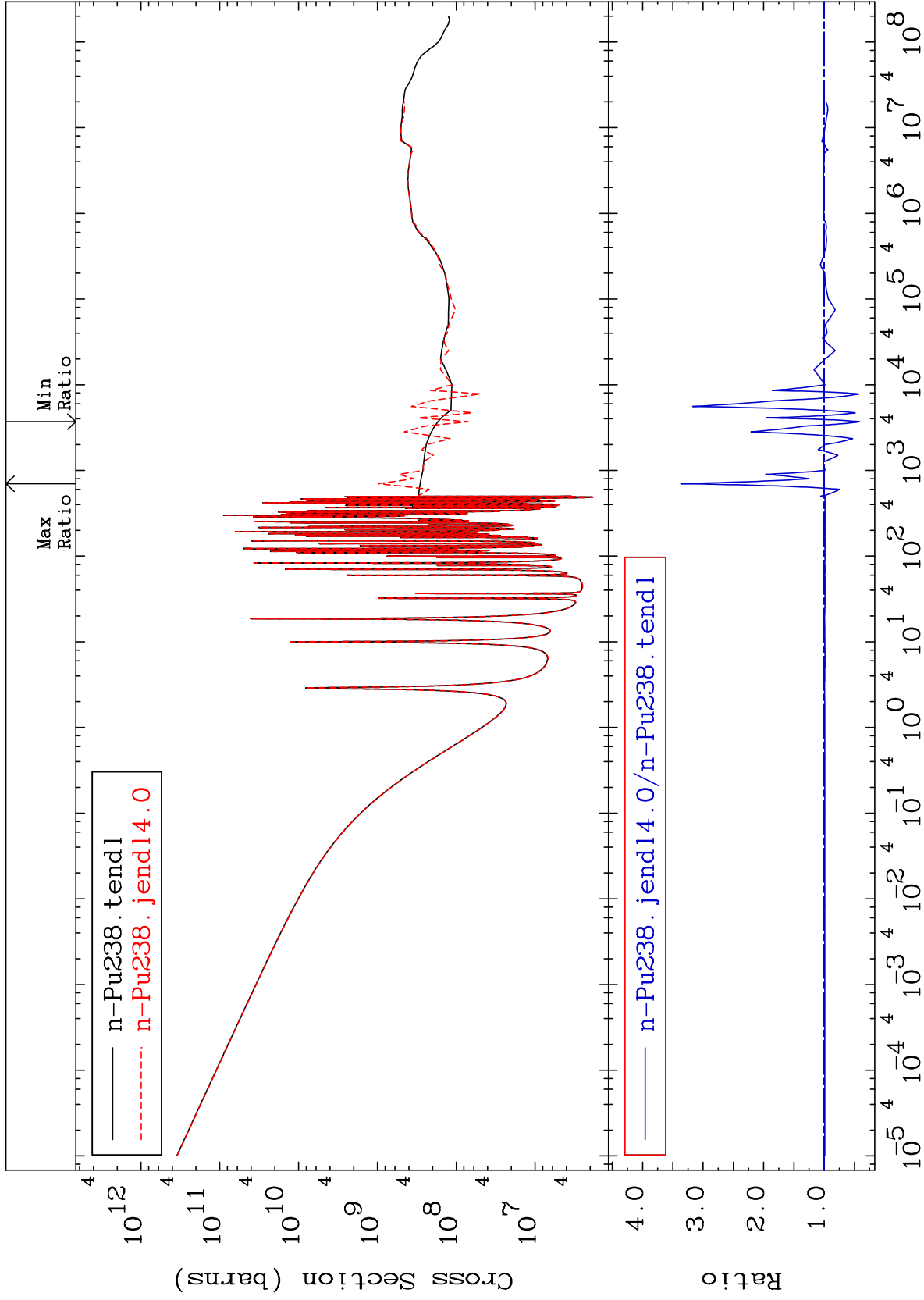
Incident Energy (eV)

94-Pu-238

36

Cross Section

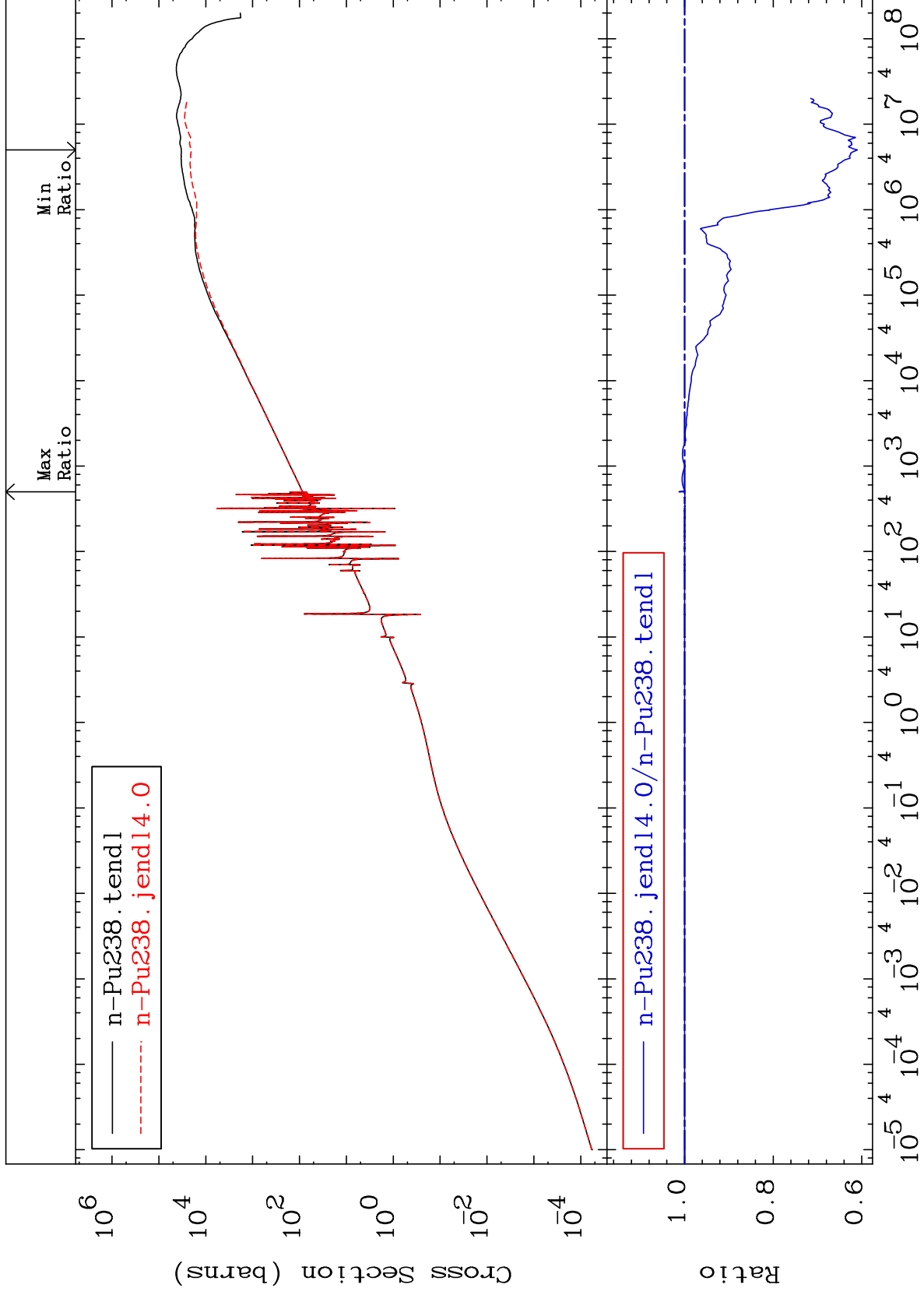
-58.40 To 236.9 %



MAT 9434

Kerma elastic
Cross Section

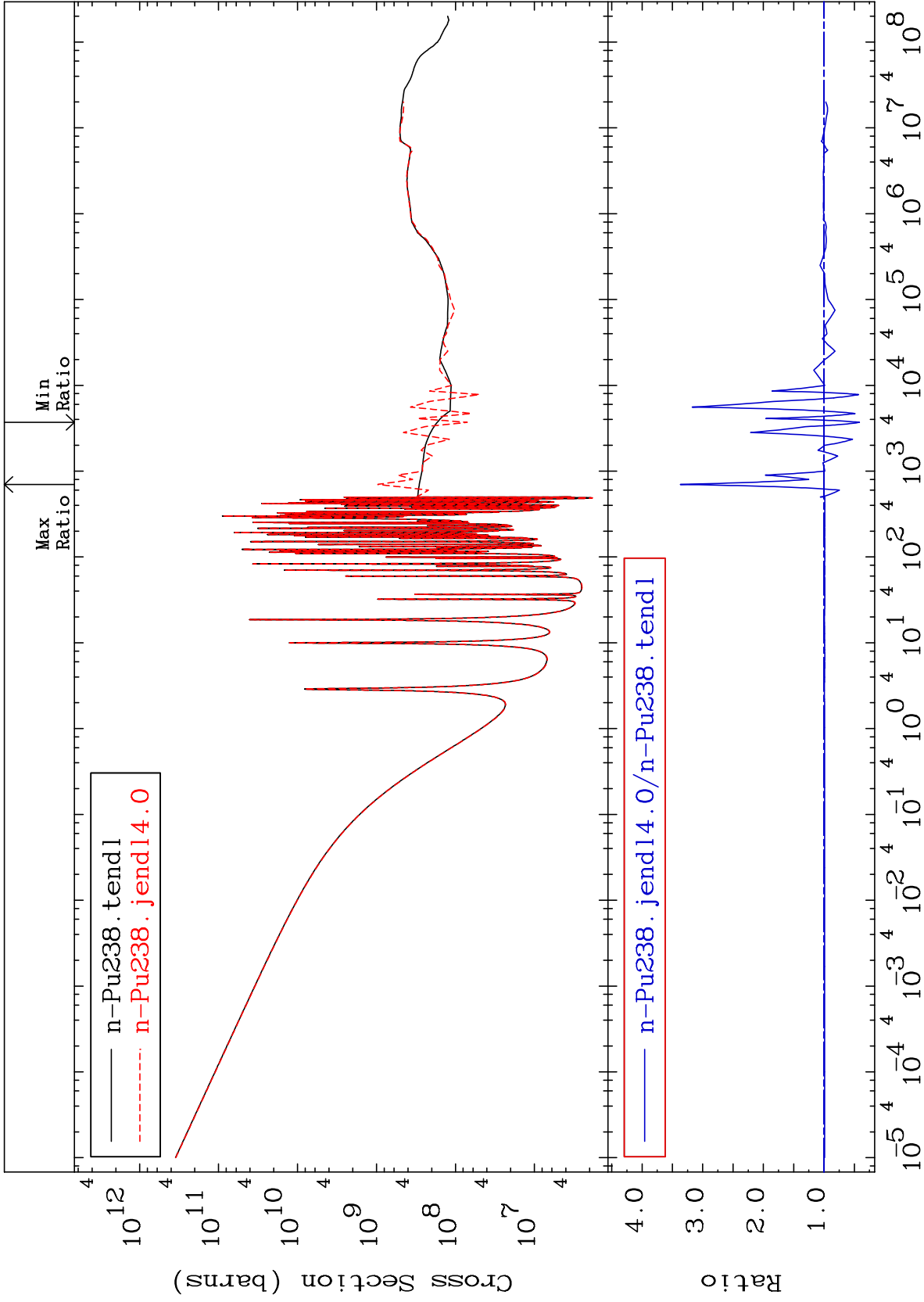
94-Pu-238
-39.00 To 1.245 %

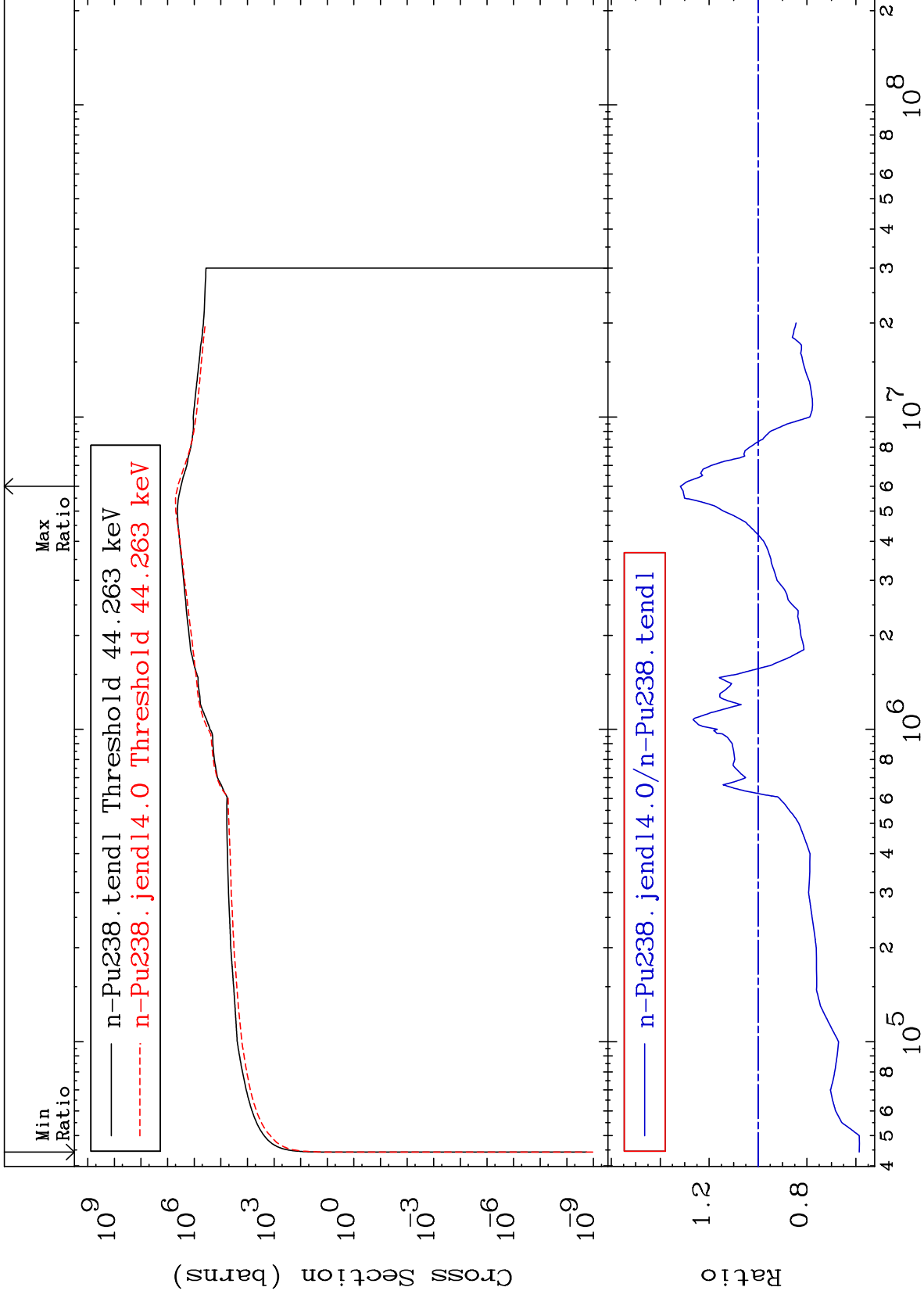


38

Incident Energy (eV)

94-Pu-238

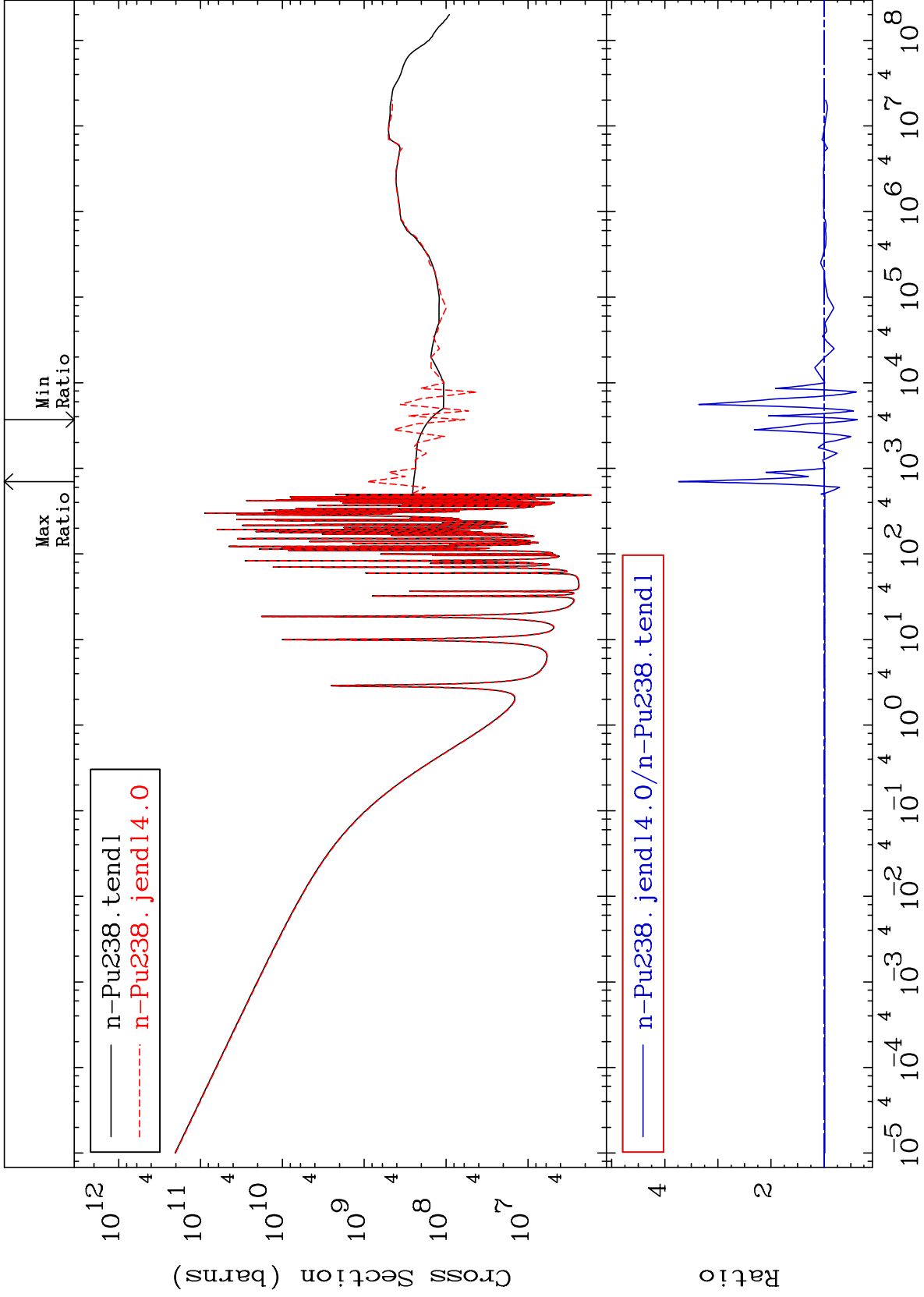




MAT 9434

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

94-Pu-238
-62.30 To 273.9 %



41

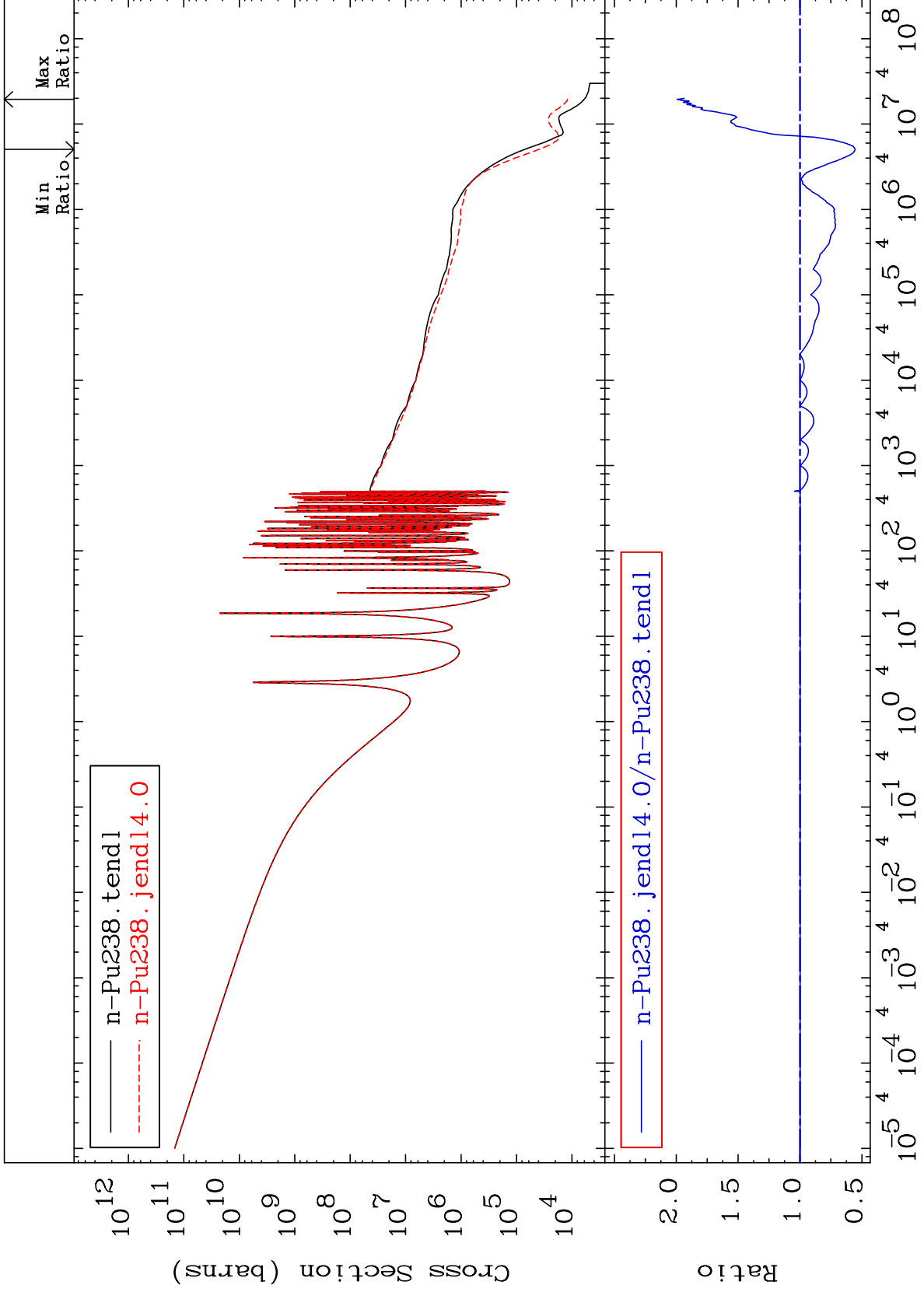
Incident Energy (eV)

94-Pu-238

MAT 9434

Kerma capture (mt102)
Cross Section

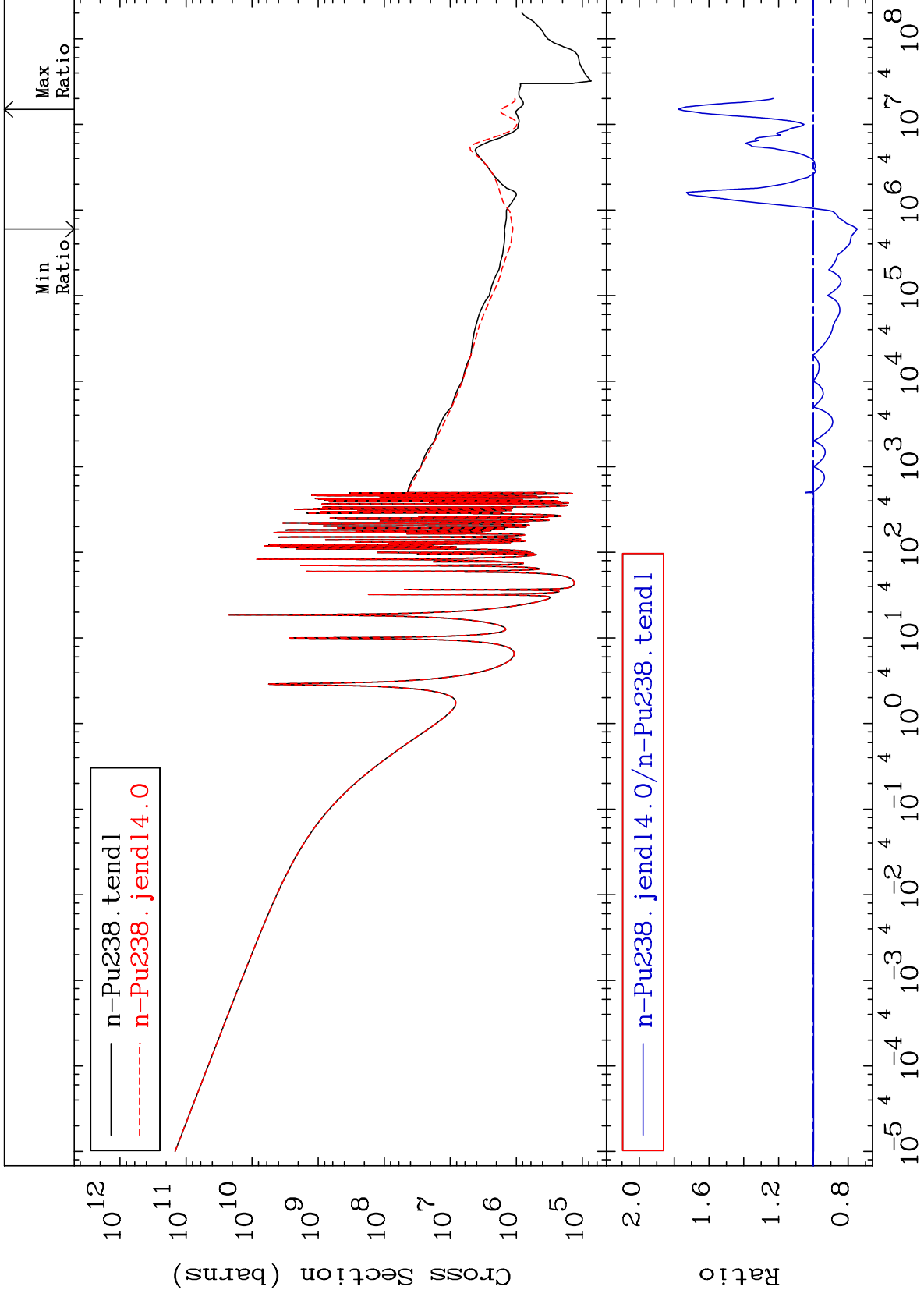
94-Pu-238
-44.55 To 99.52 %

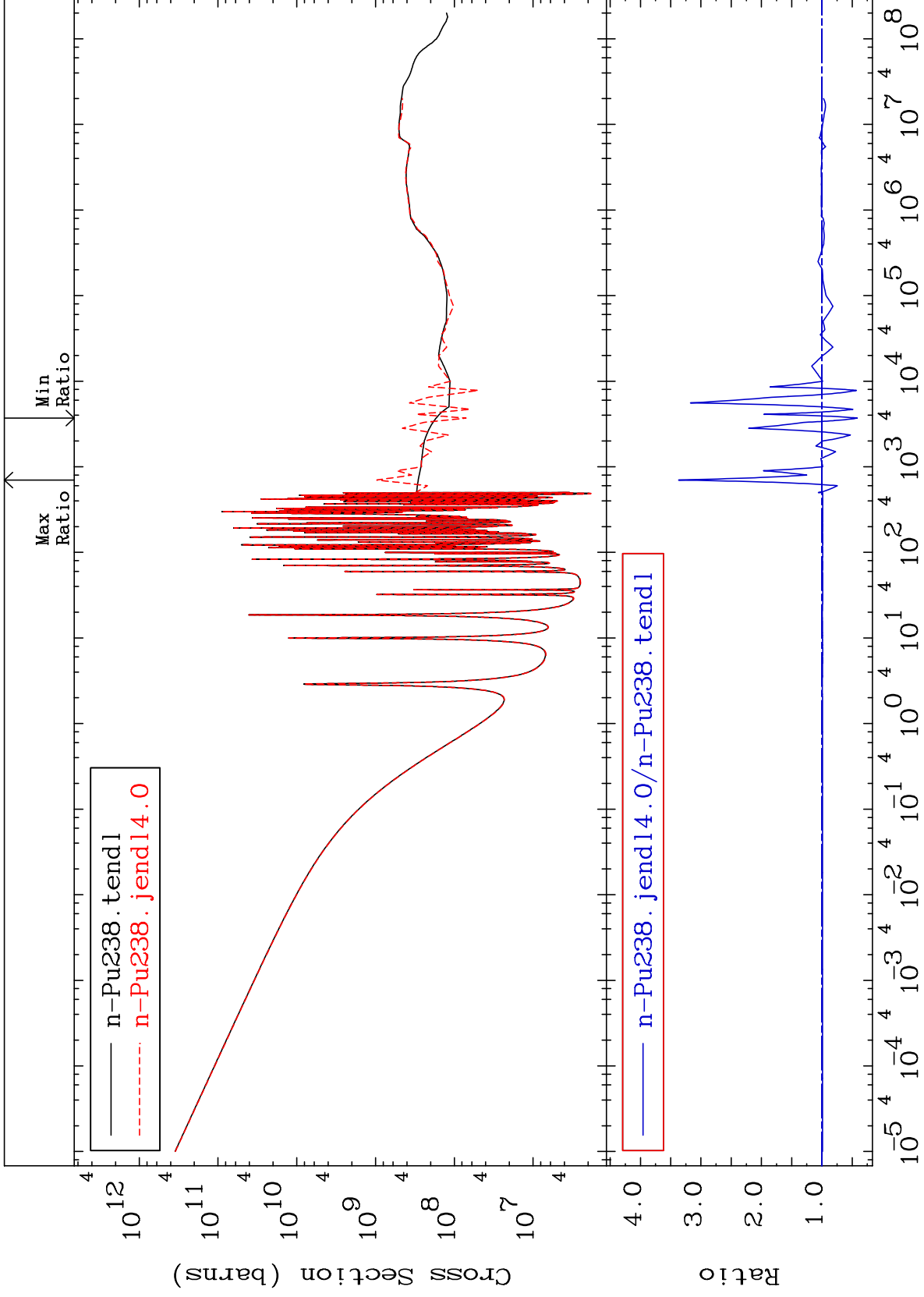


MAT 9434

Total photon (eV-barns)
Cross Section

94-Pu-238
-25.22 To 77.42 %

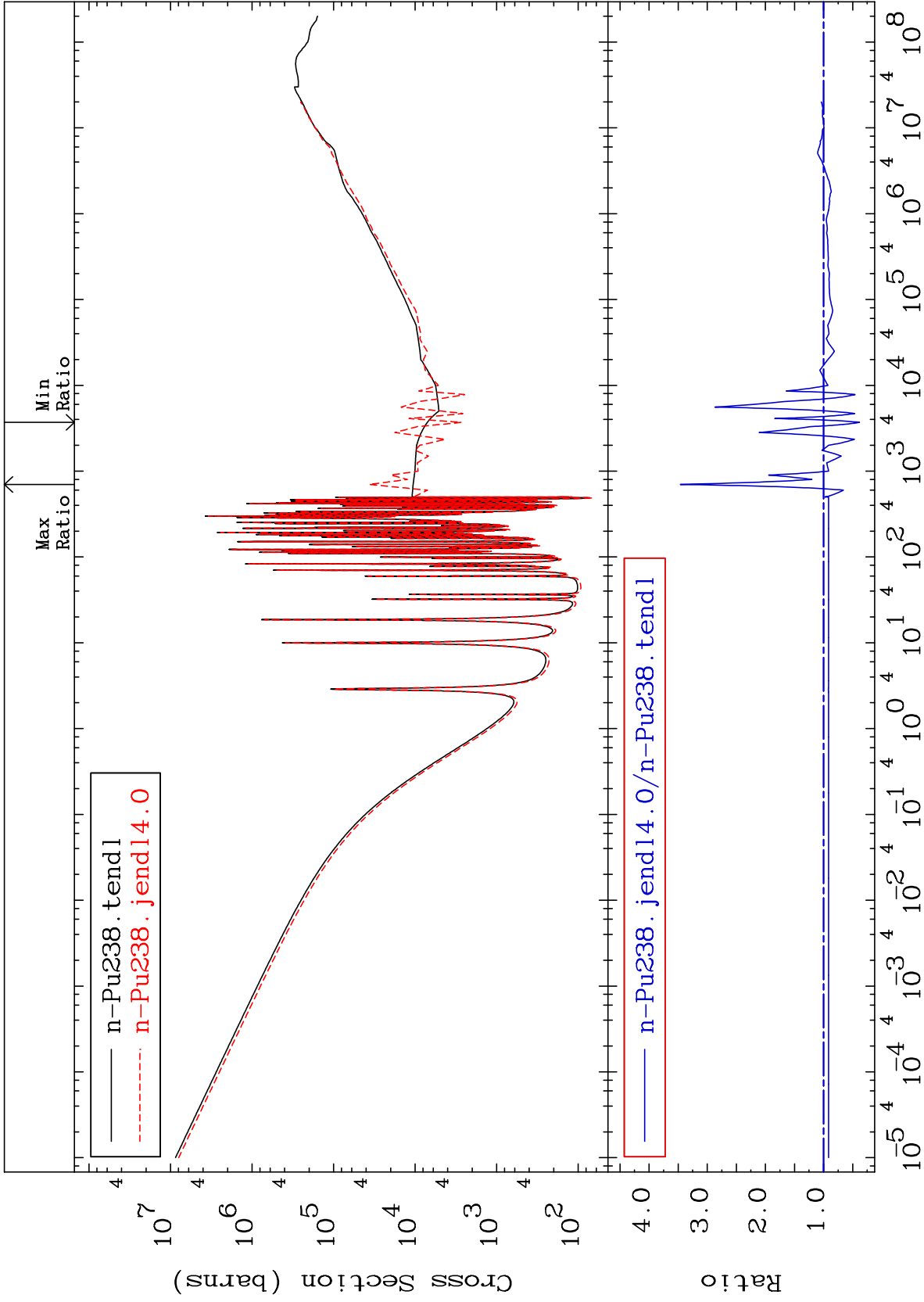




MAT 9434

Dpa total (eV-barns)
Cross Section

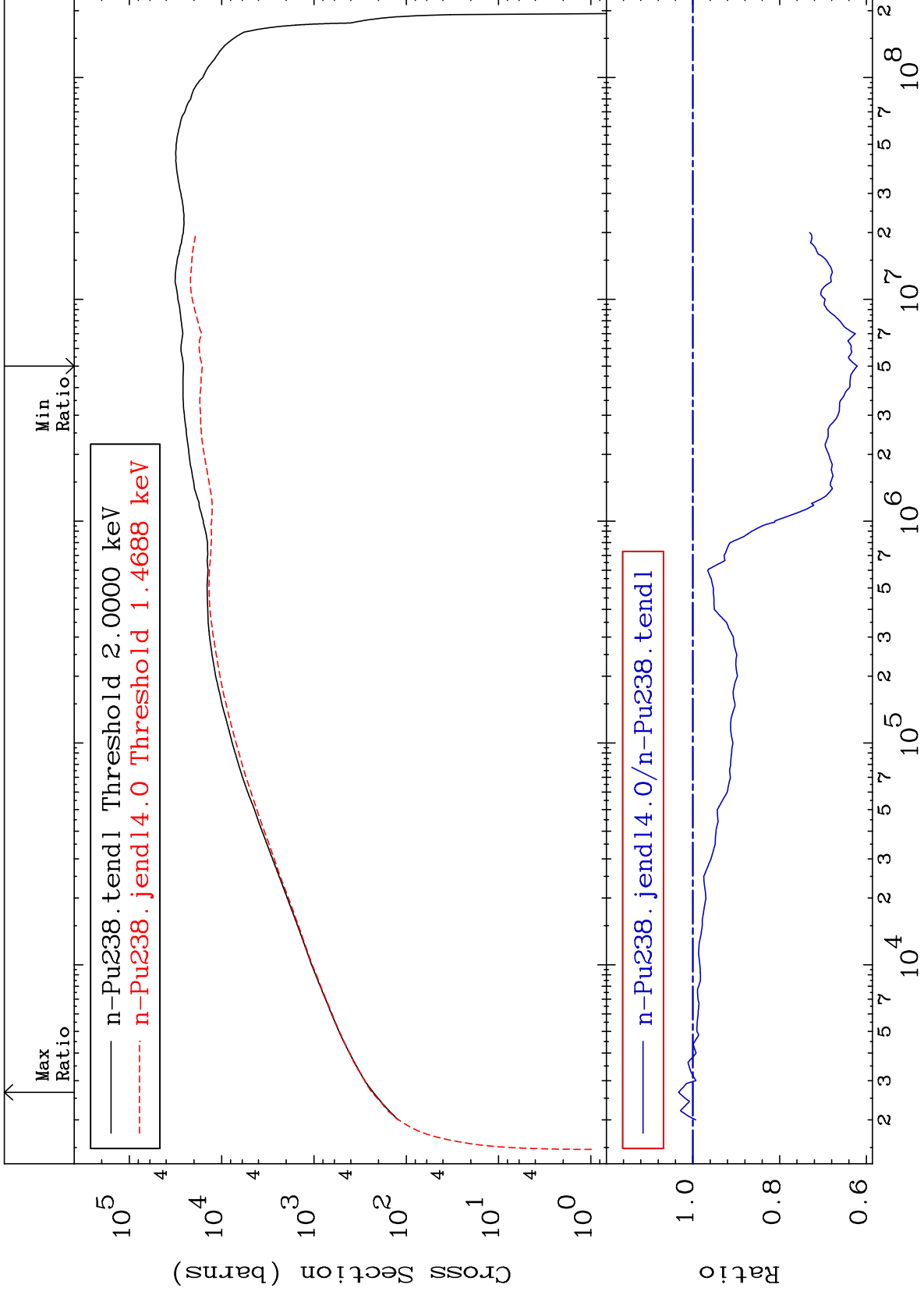
94-Pu-238
-61.57 To 246.2 %

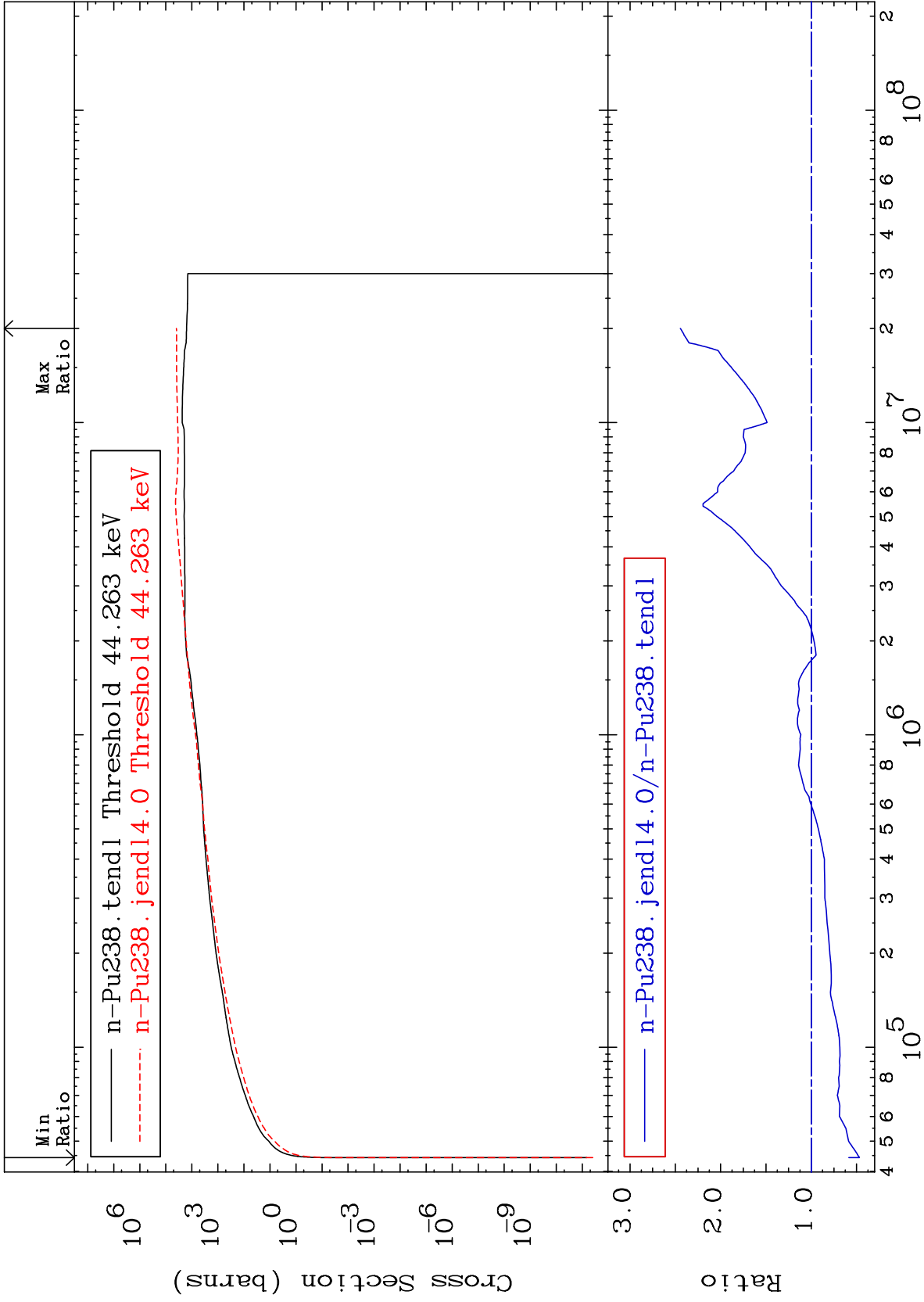


MAT 9434

Dpa elastic (mt2)
Cross Section

94-Pu-238
-37.90 To 3.269 %





MAT 9434

Dpa disappearance (mt102 -120)
Cross Section

94-Pu-238
-100.0 To 60.11 %

