

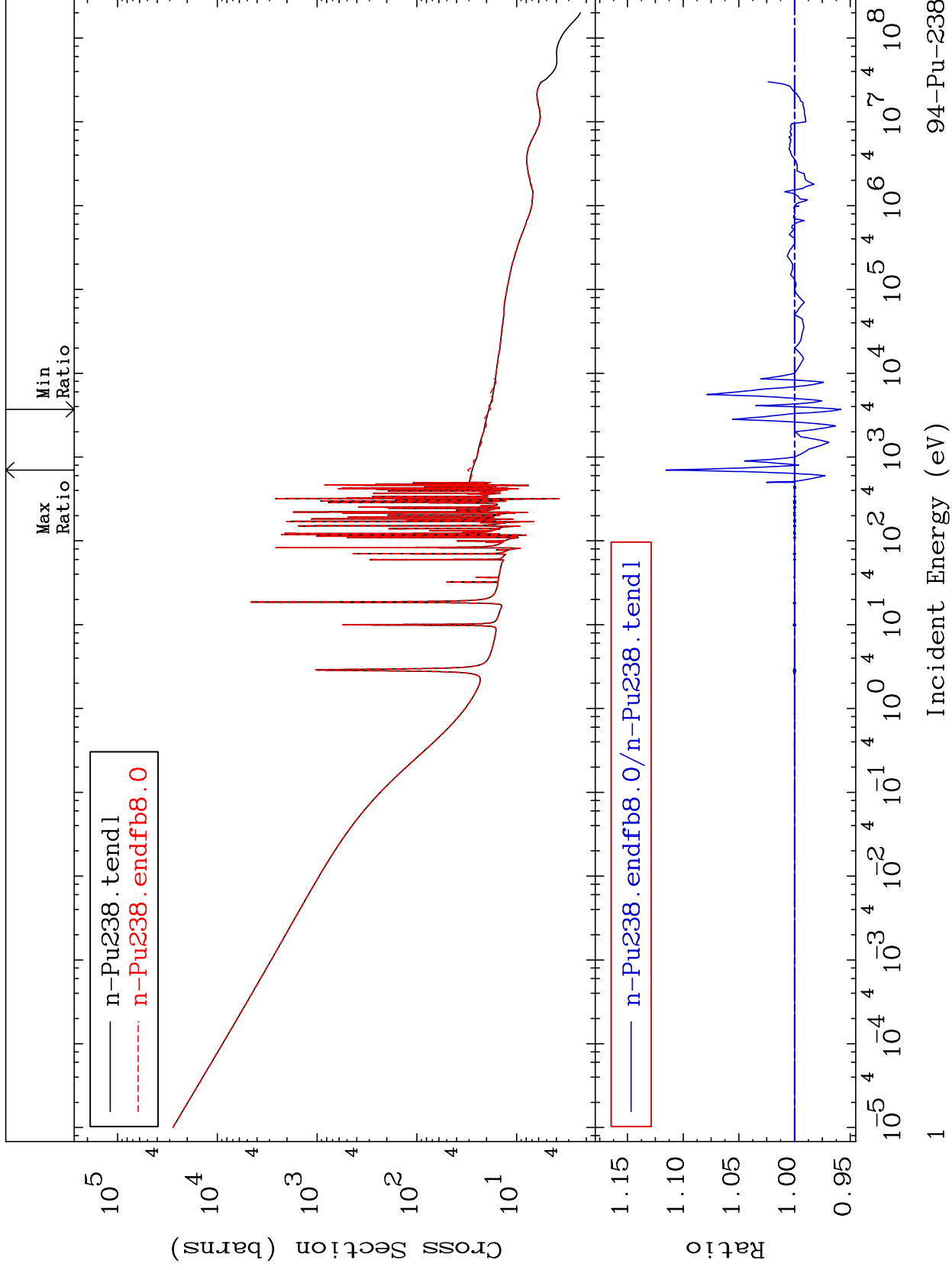
MAT 9434

Total

94-Pu-238

Cross Section

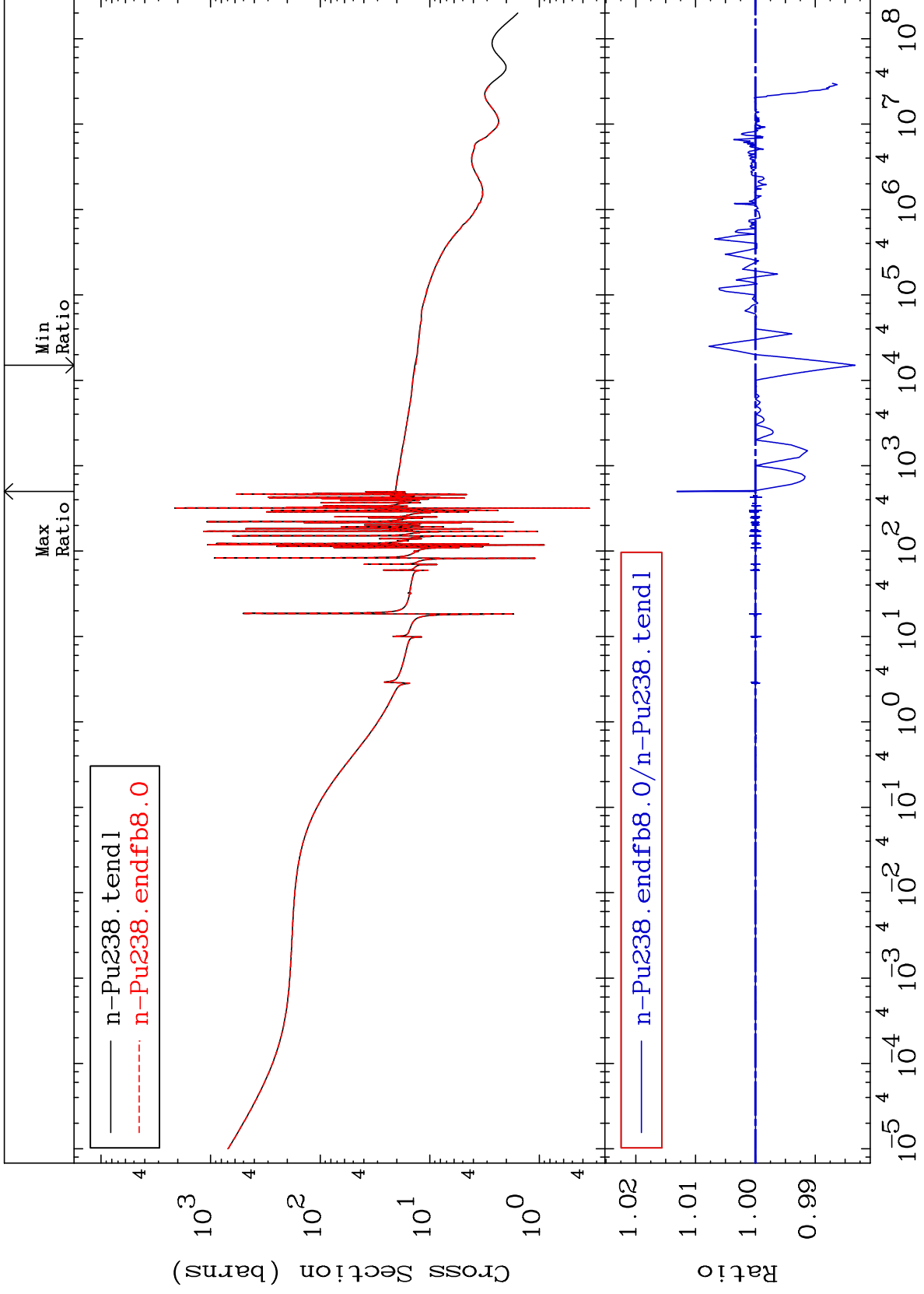
-4.158 To 11.55 %



MAT 9434

Elastic
Cross Section

94-Pu-238
-1.667 To 1.313 %



2

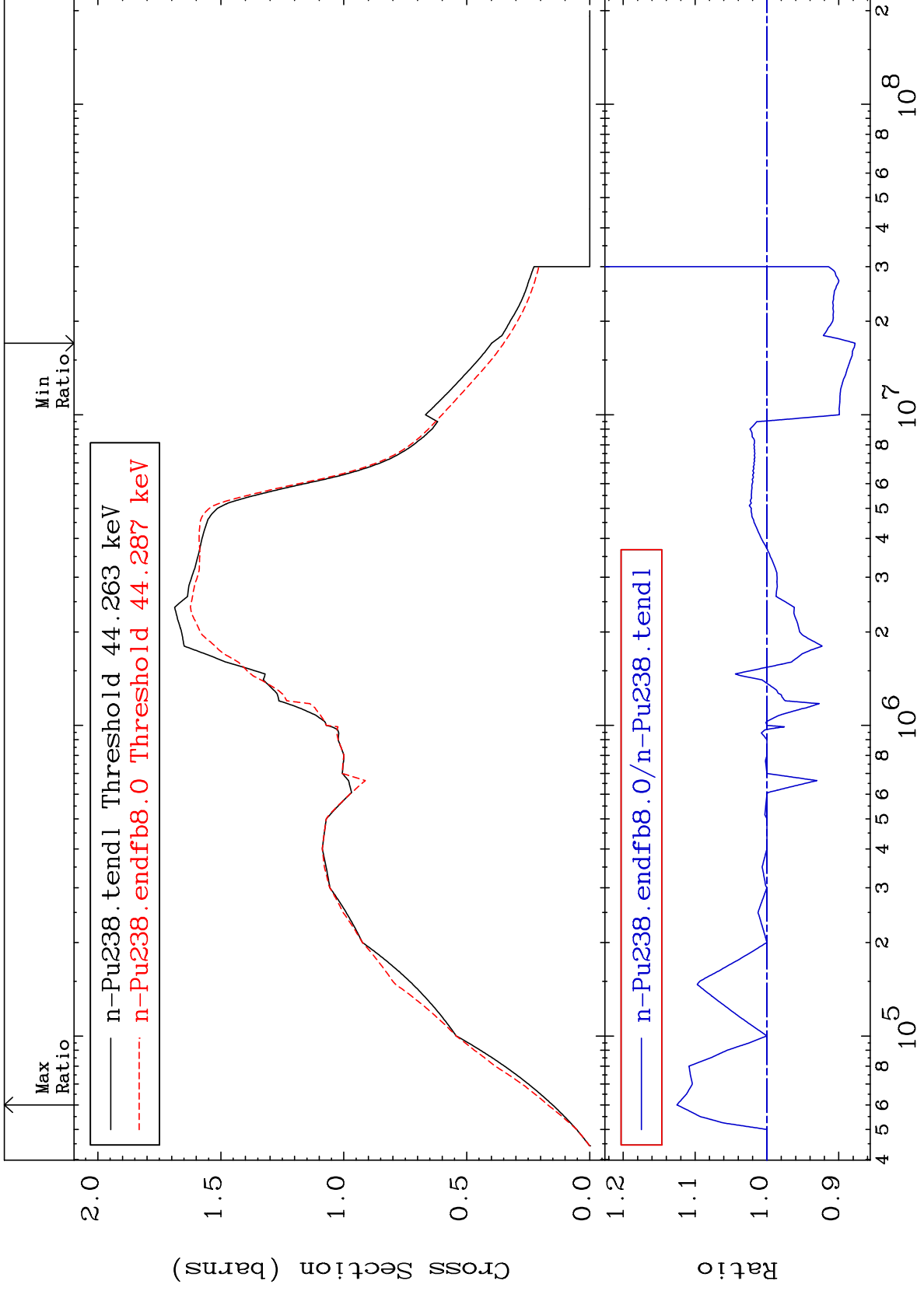
Incident Energy (eV)

94-Pu-238

MAT 9434

Inelastic
Cross Section

94-Pu-238
-12.27 To 12.53 %



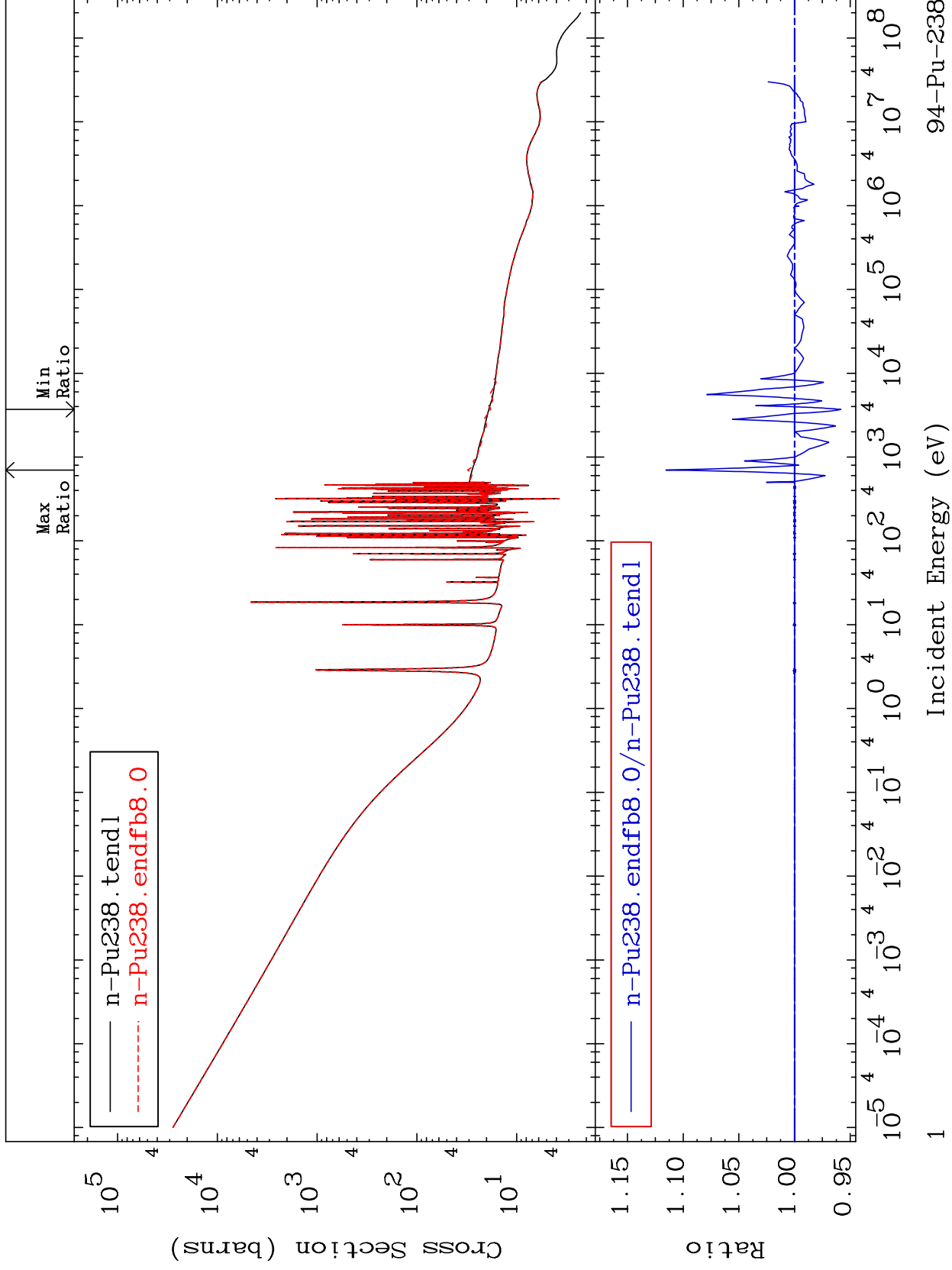
MAT 9434

Total

94-Pu-238

Cross Section

-4.158 To 11.55 %



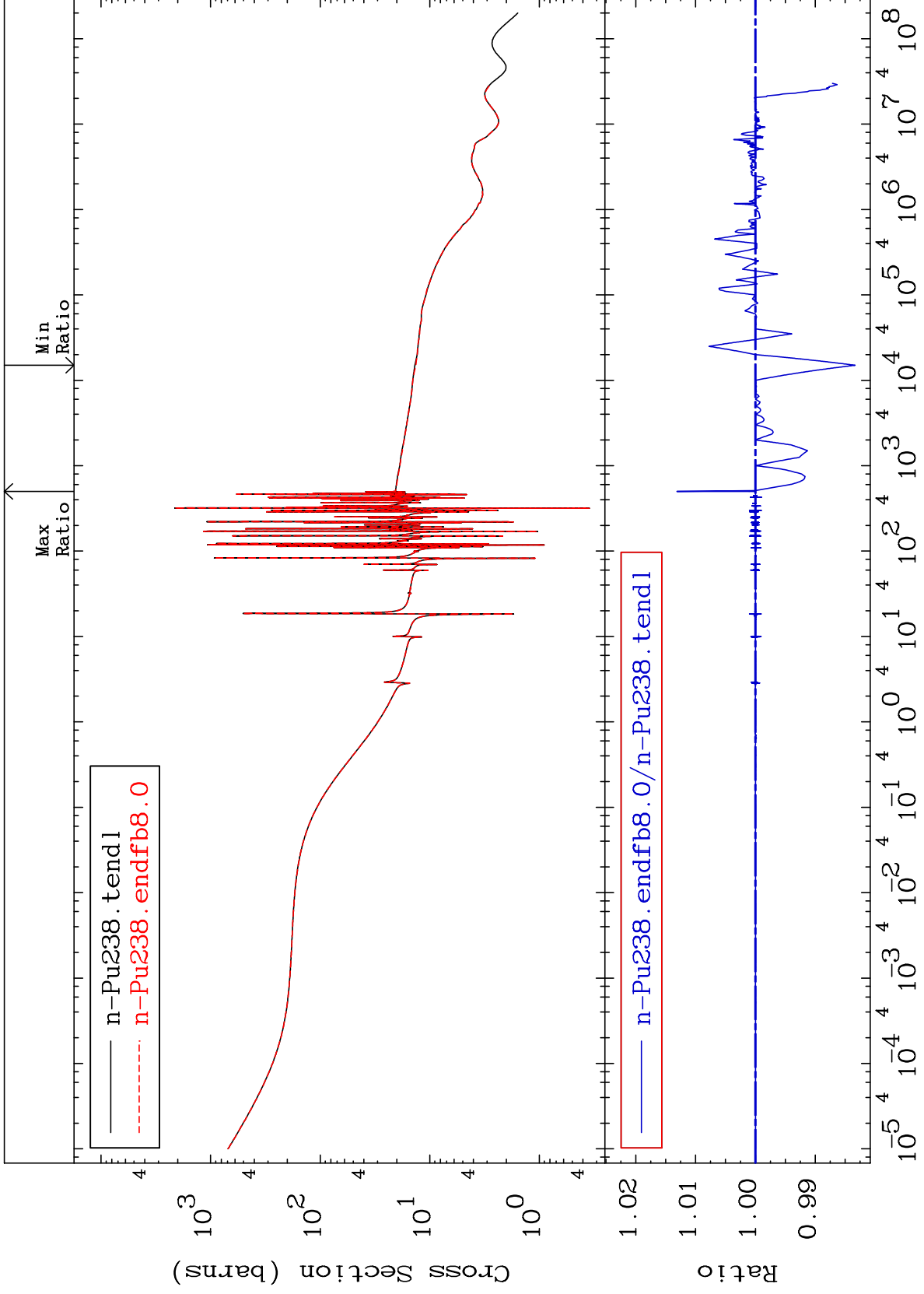
Incident Energy (eV)

94-Pu-238

MAT 9434

Elastic
Cross Section

94-Pu-238
-1.667 To 1.313 %



Incident Energy (eV)

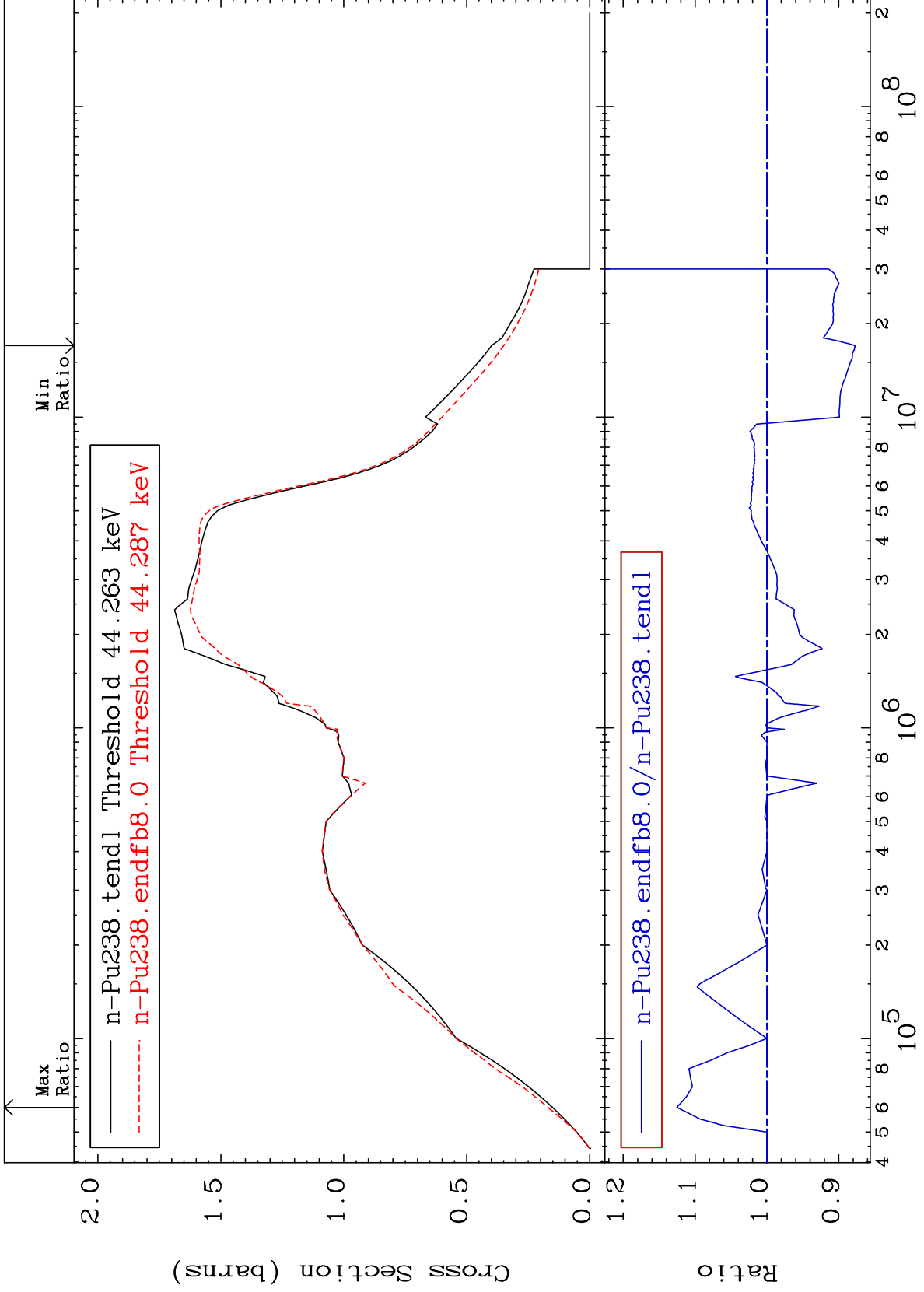
94-Pu-238

2

MAT 9434

Inelastic
Cross Section

94-Pu-238
-12.27 To 12.53 %



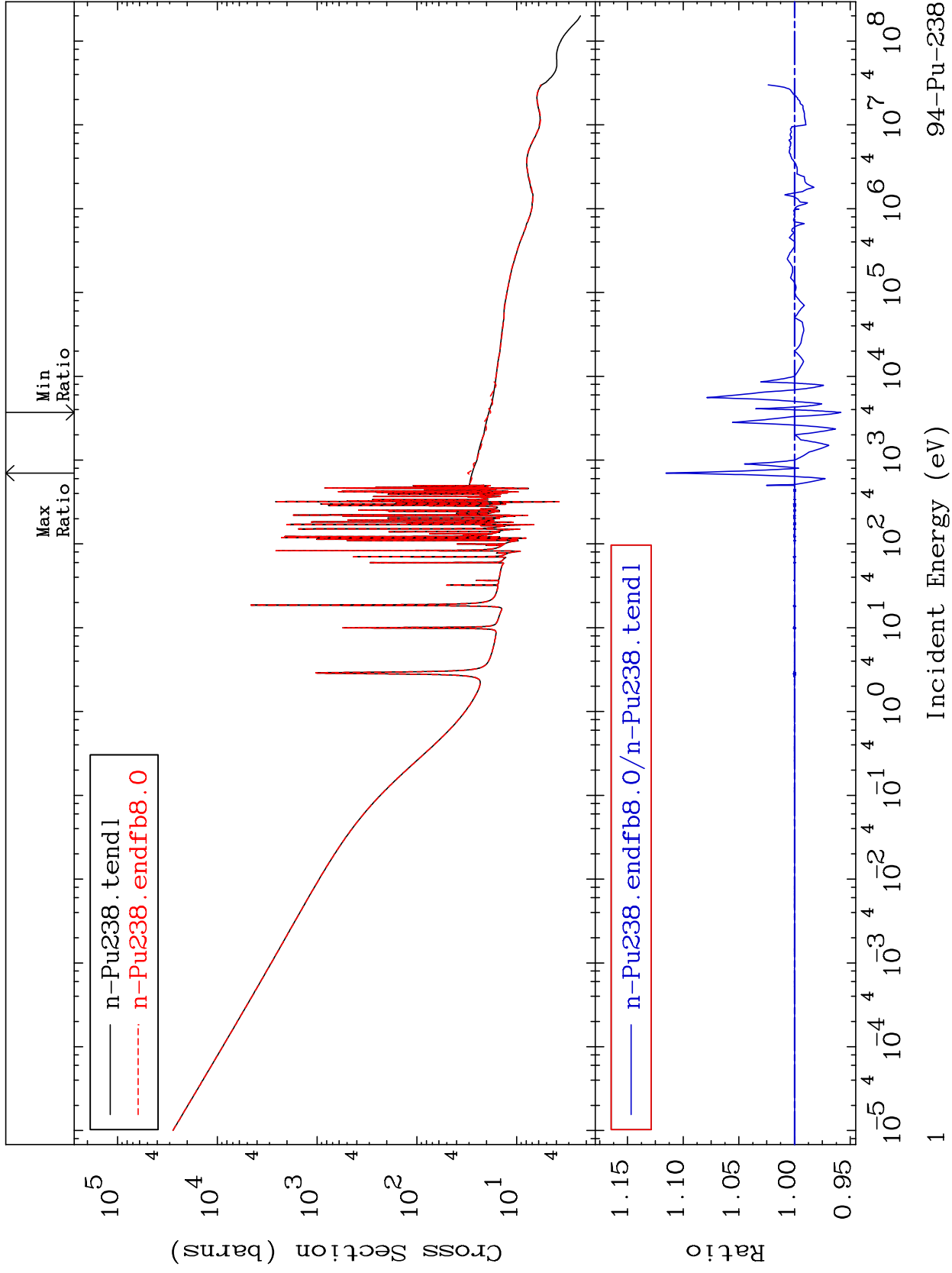
MAT 9434

Total

94-Pu-238

Cross Section

-4.158 To 11.55 %



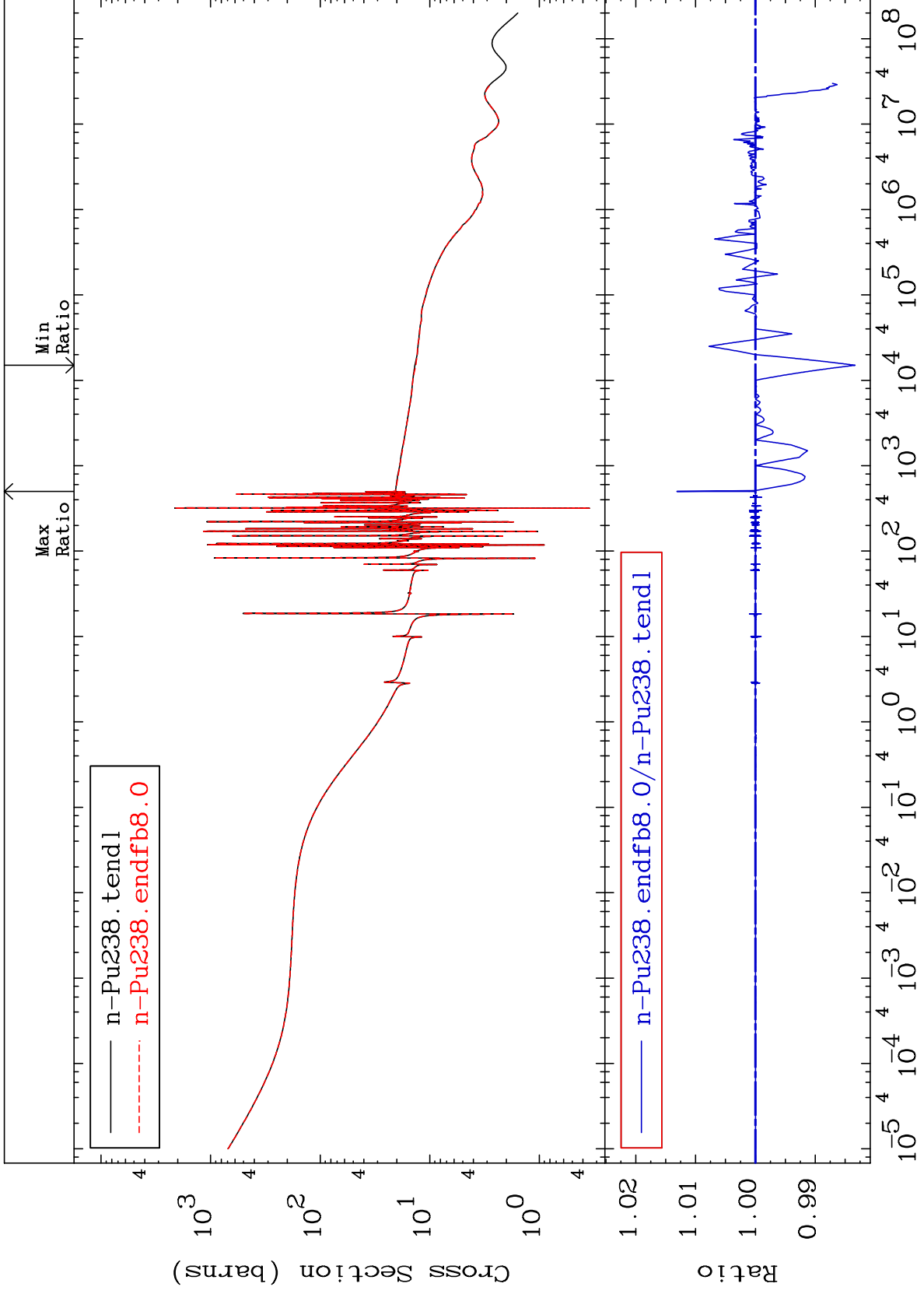
Incident Energy (eV)

94-Pu-238

MAT 9434

Elastic
Cross Section

94-Pu-238
-1.667 To 1.313 %



Incident Energy (eV)

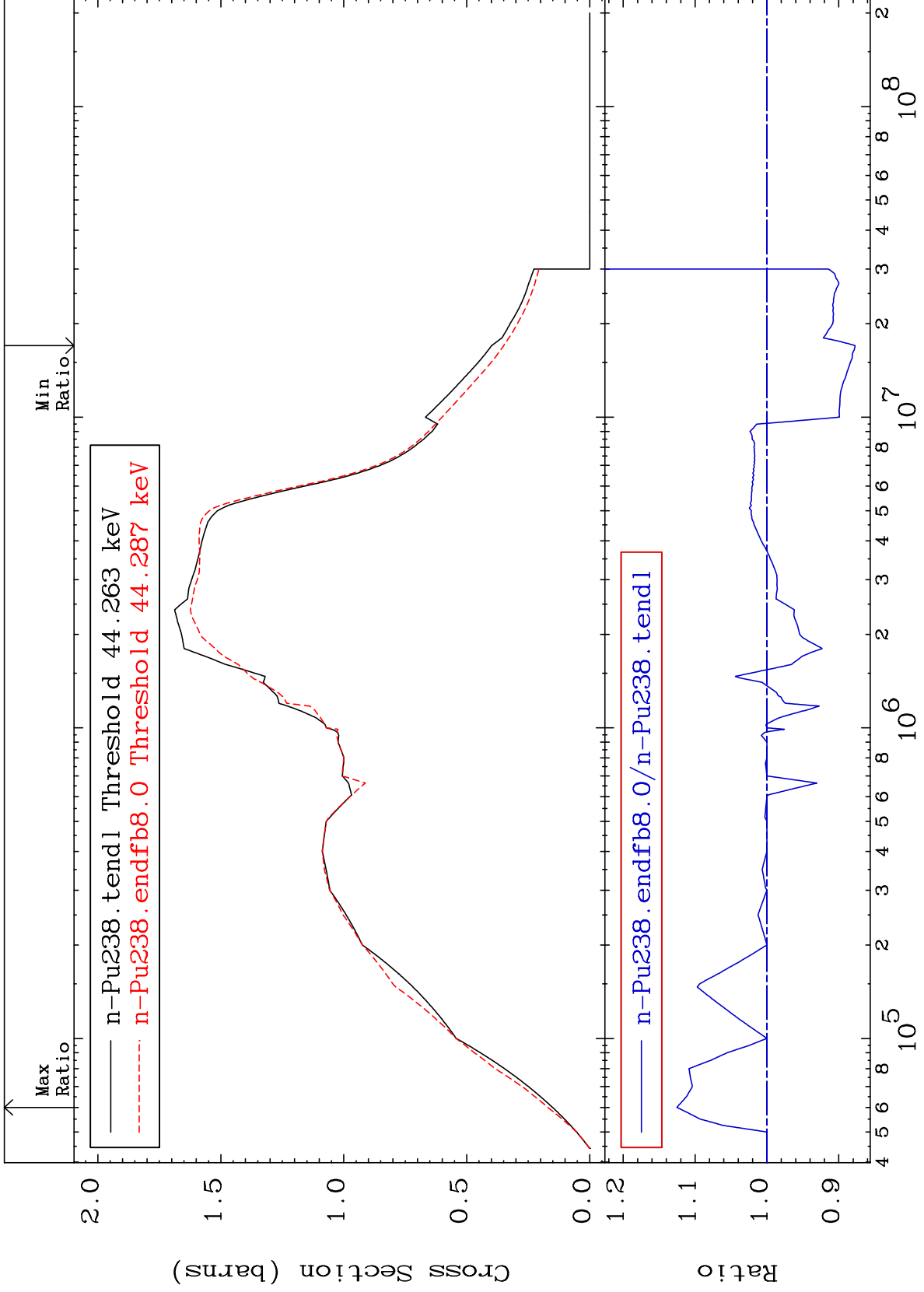
94-Pu-238

2

MAT 9434

Inelastic
Cross Section

94-Pu-238
-12.27 To 12.53 %



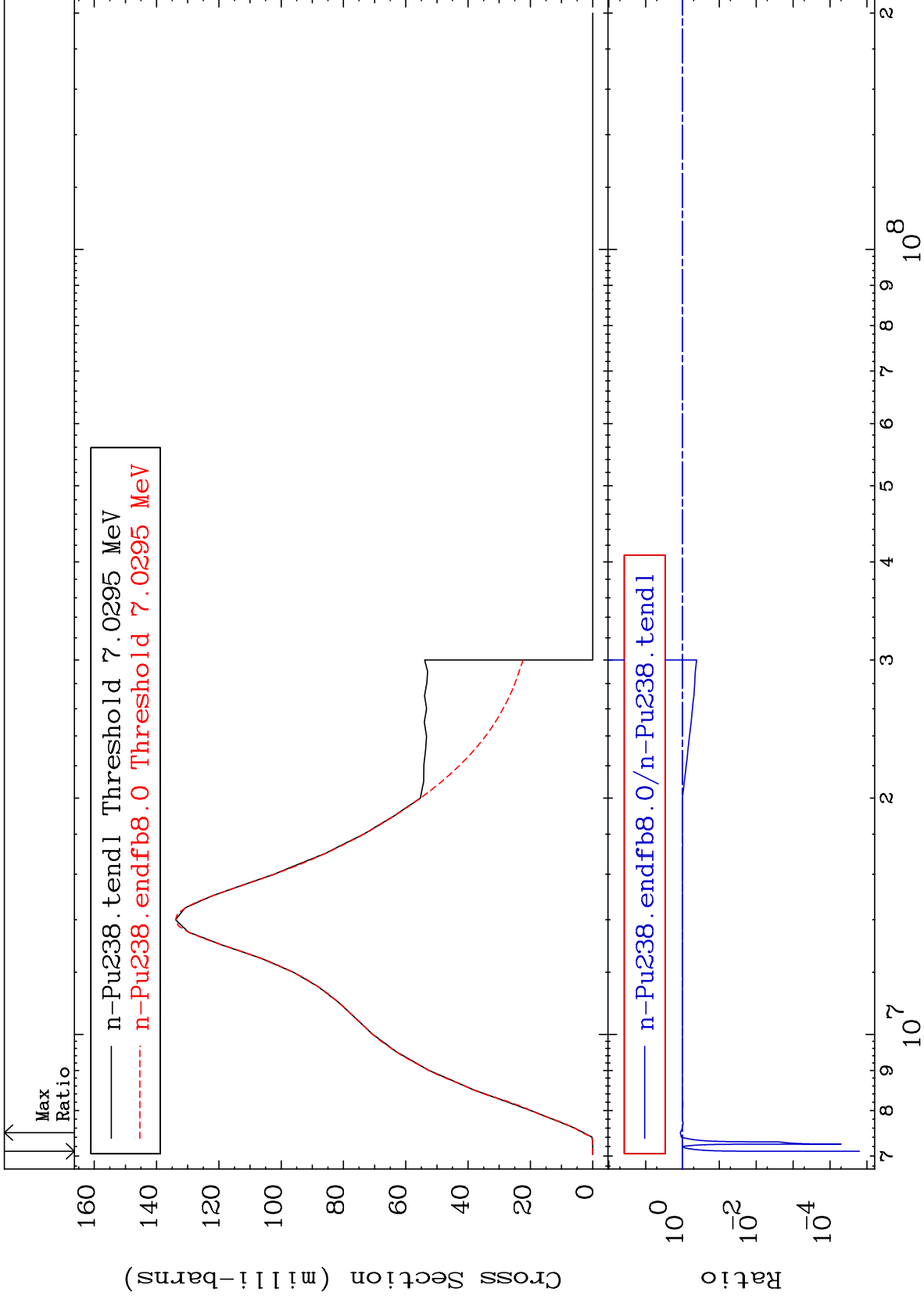
MAT 9434

(n,2n)

94-Pu-238

Cross Section

-100.0 To 14.08 %



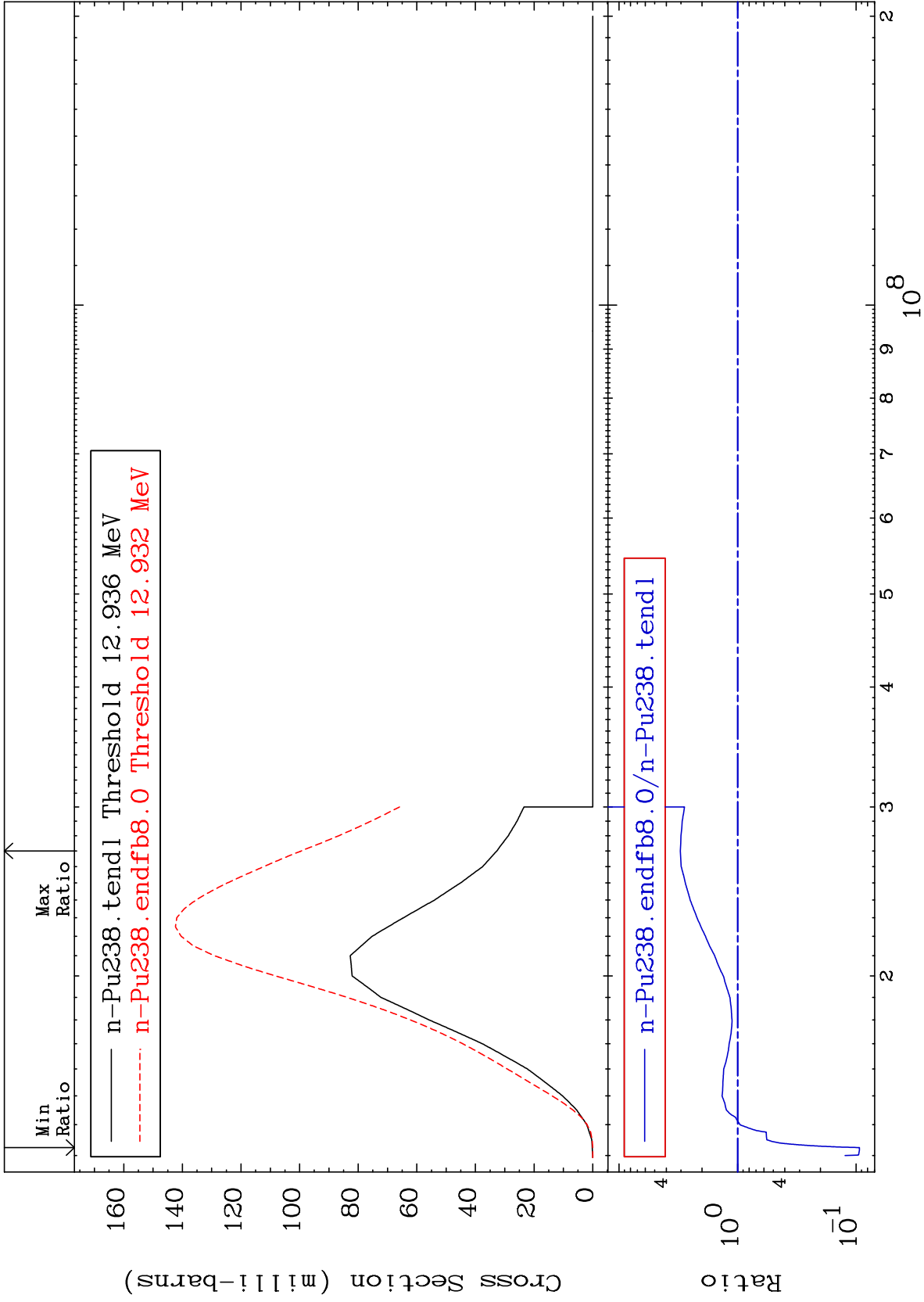
MAT 9434

(n,3n)

94-Pu-238

Cross Section

-90.64 To 204.0 %



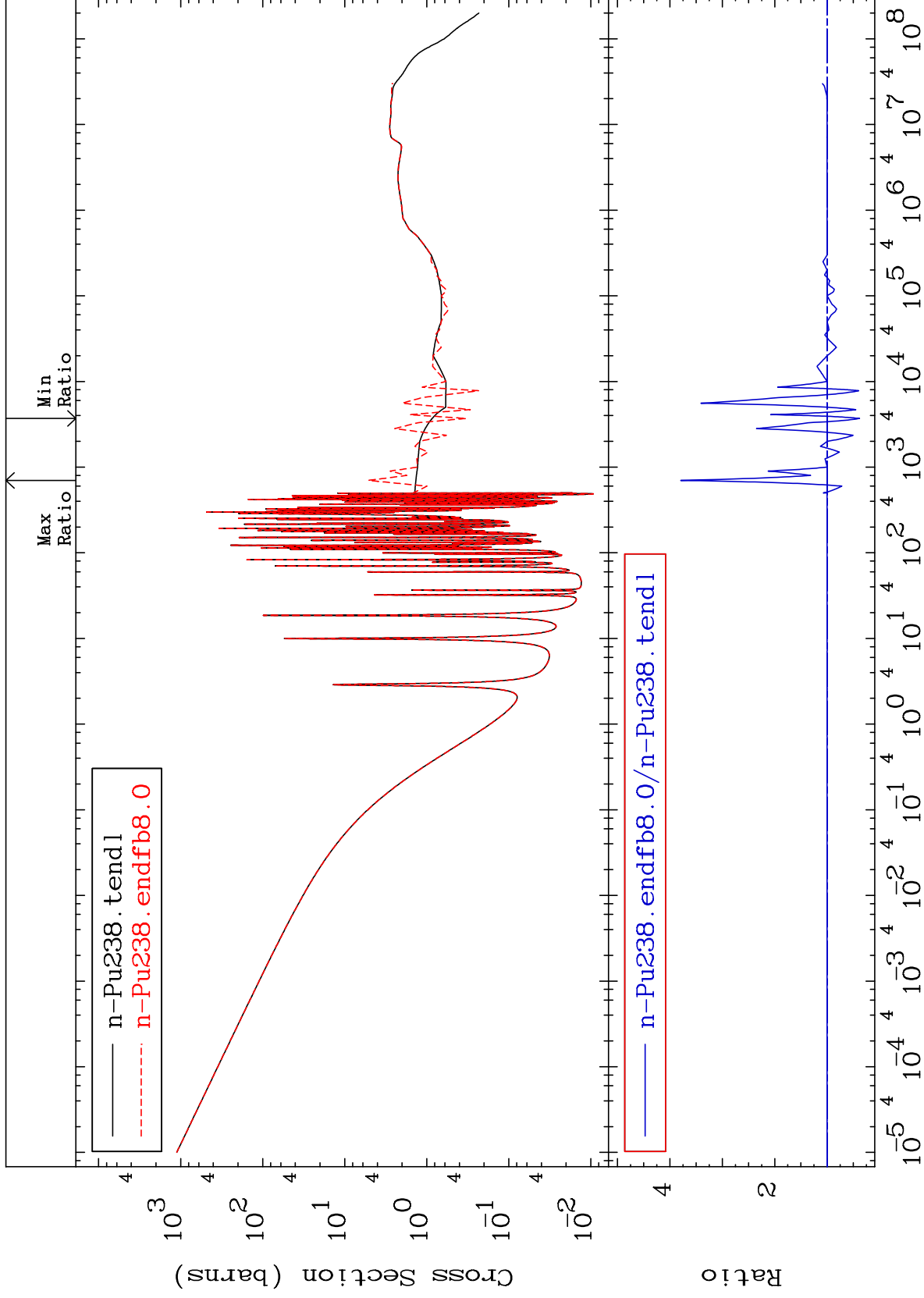
MAT 9434

Fission

94-Pu-238

Cross Section

-61.77 To 279.1 %



Incident Energy (eV)

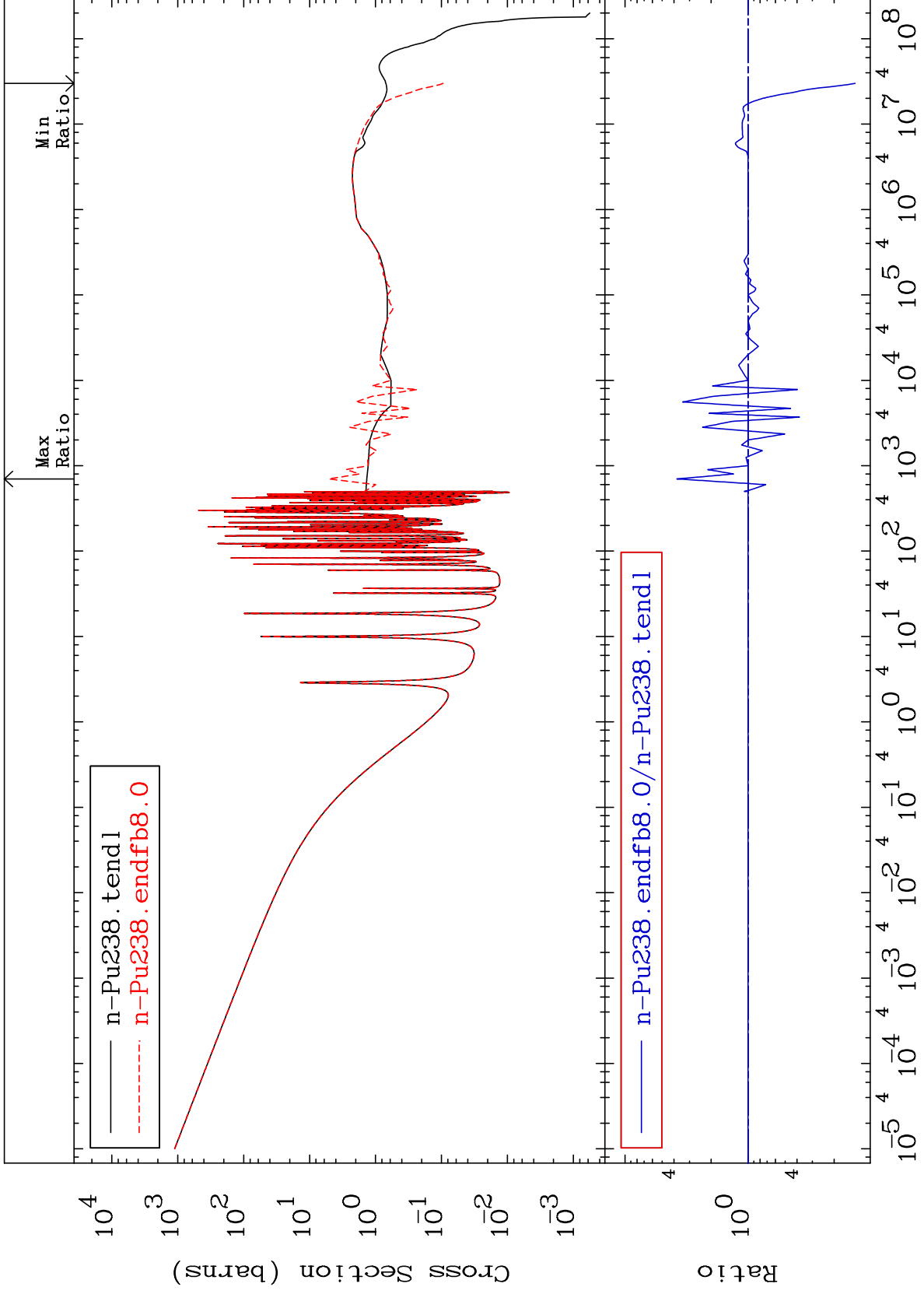
94-Pu-238

6

MAT 9434

(n,f) First Chance
Cross Section

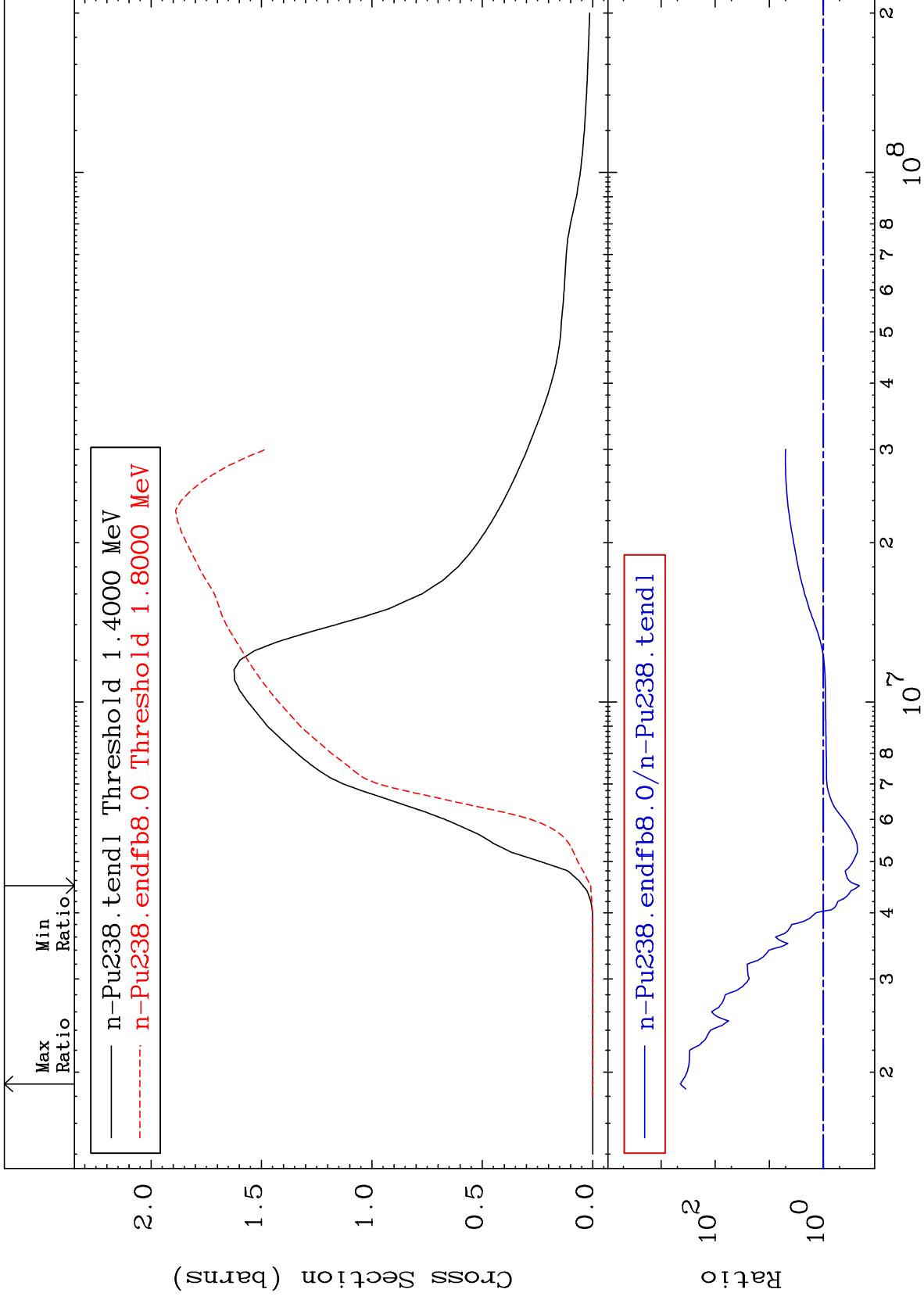
94-Pu-238
-86.49 To 279.1 %



Incident Energy (eV)

94-Pu-238

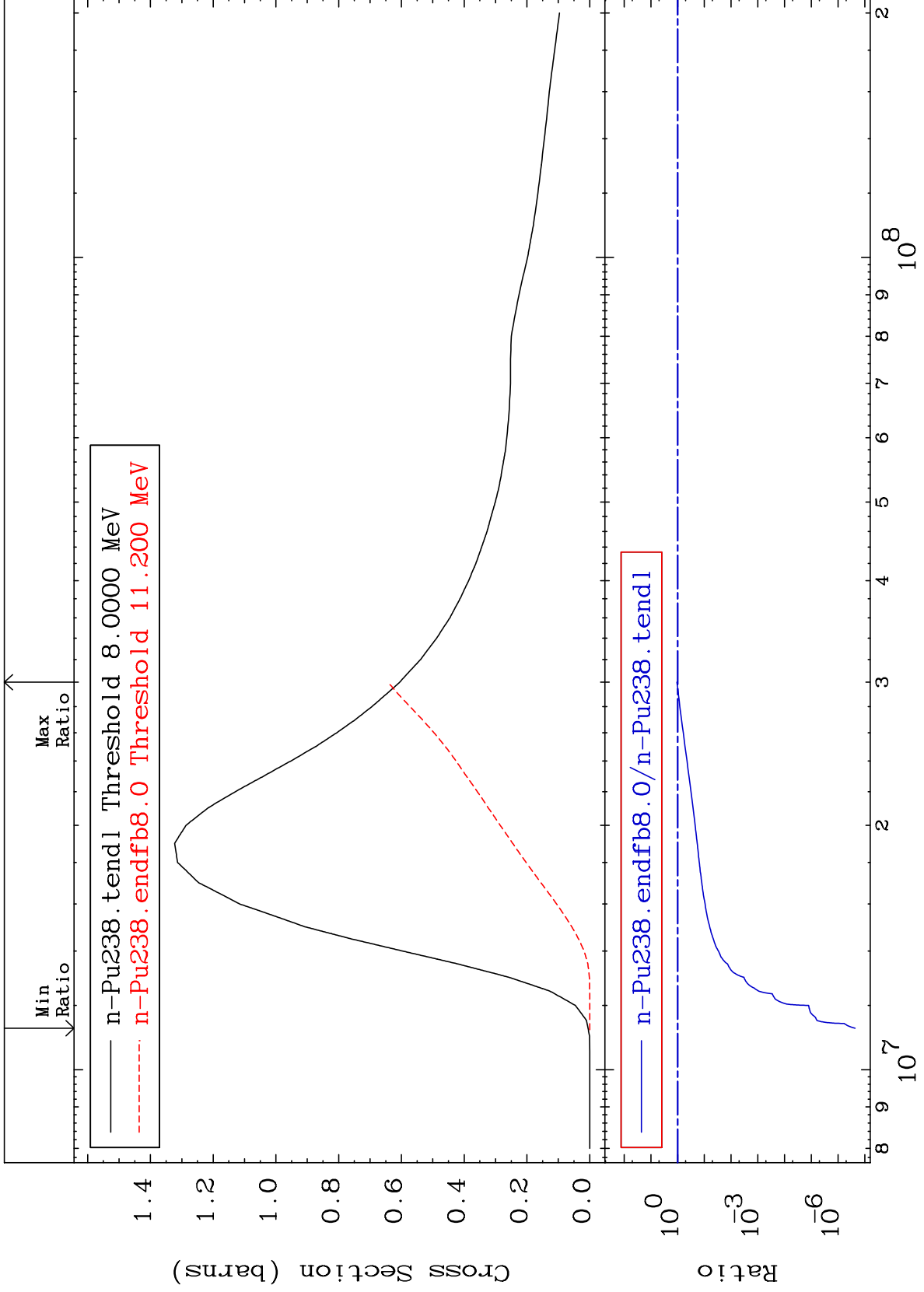
7



MAT 9434

(n,2nf) Third Chance
Cross Section

94-Pu-238
-100.0 To 6.190 %



9

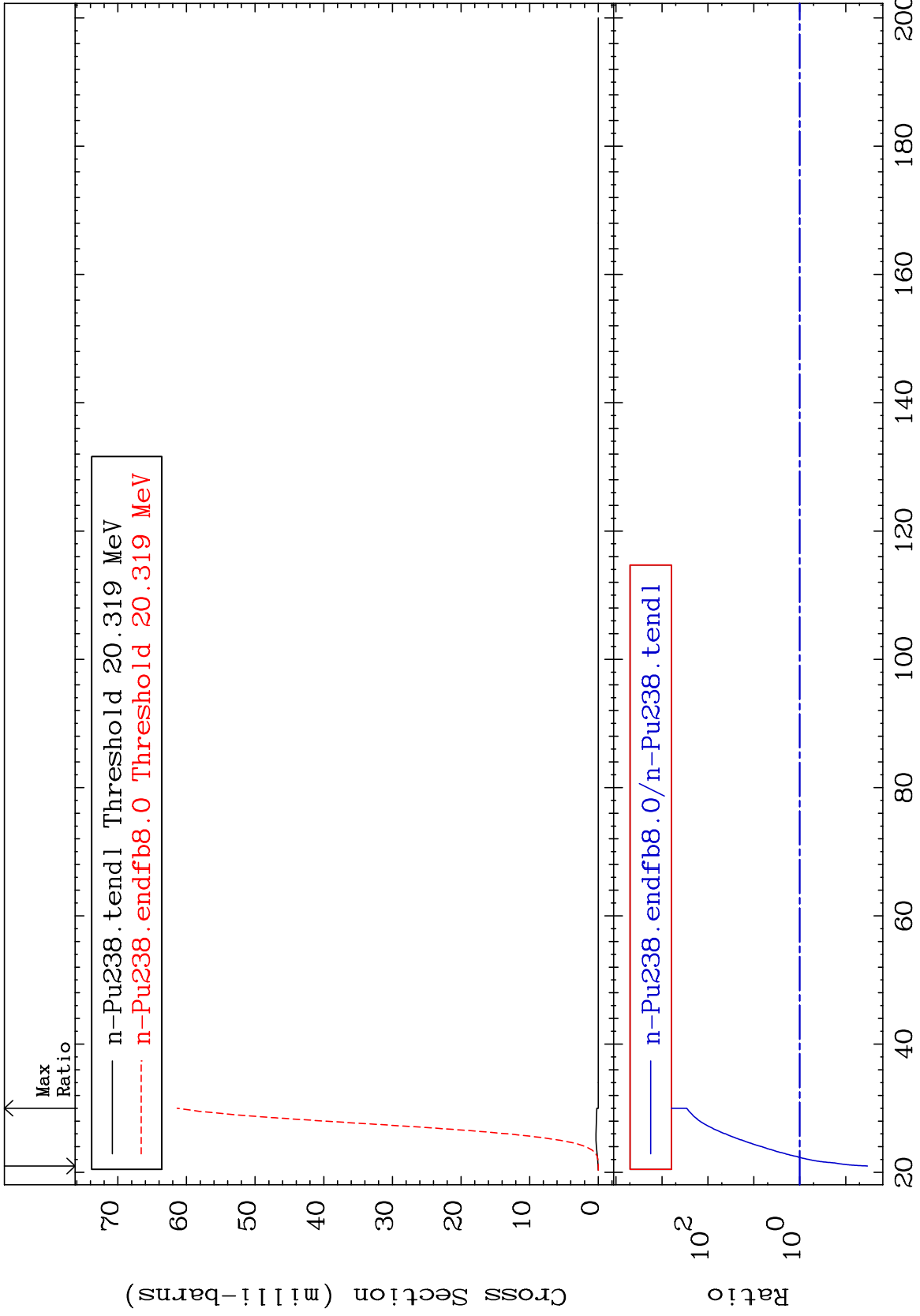
Incident Energy (eV)

94-Pu-238

MAT 9434

(n,4n)
Cross Section

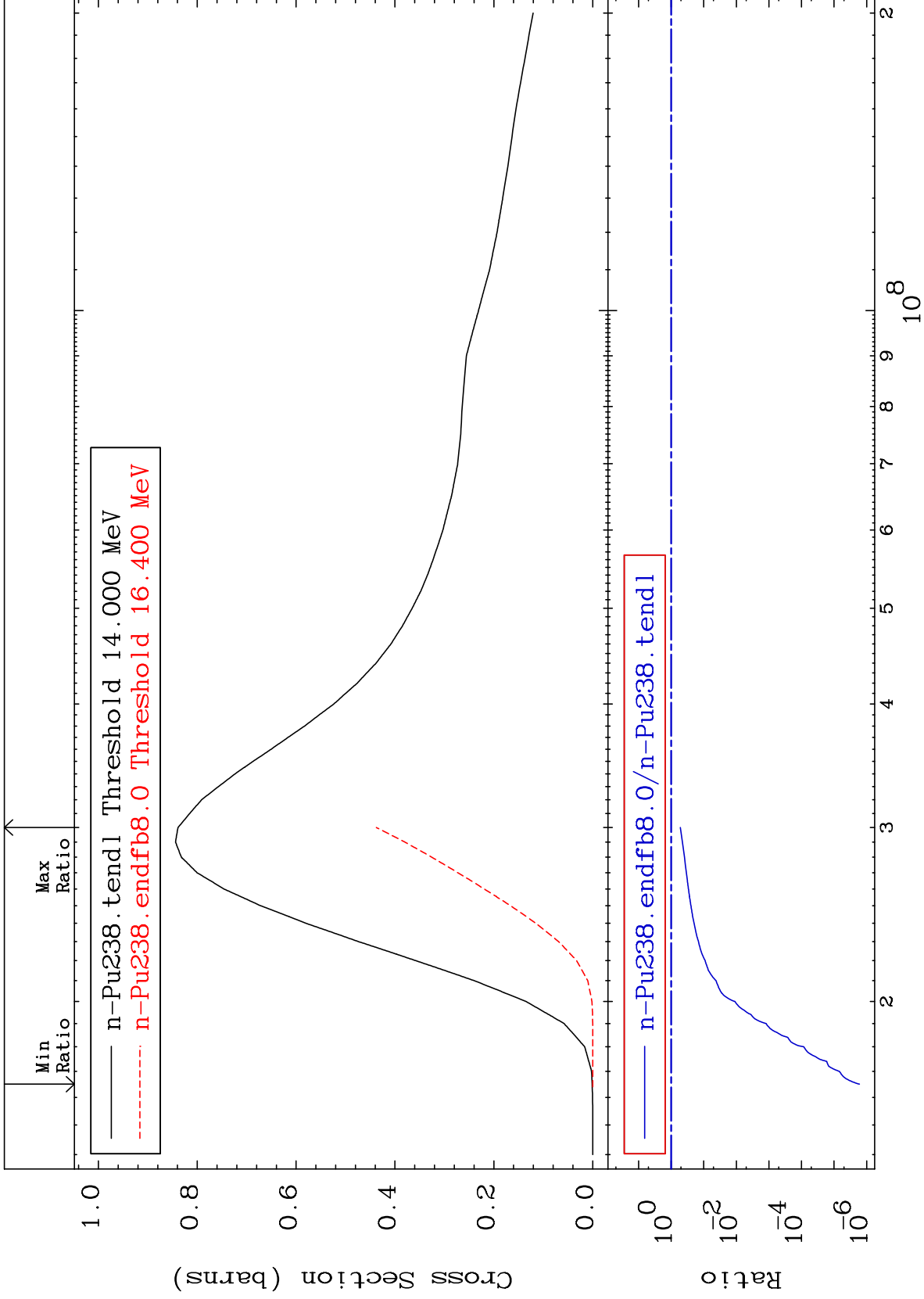
94-Pu-238
-96.64 To 9999. %



10

Incident Energy (MeV)

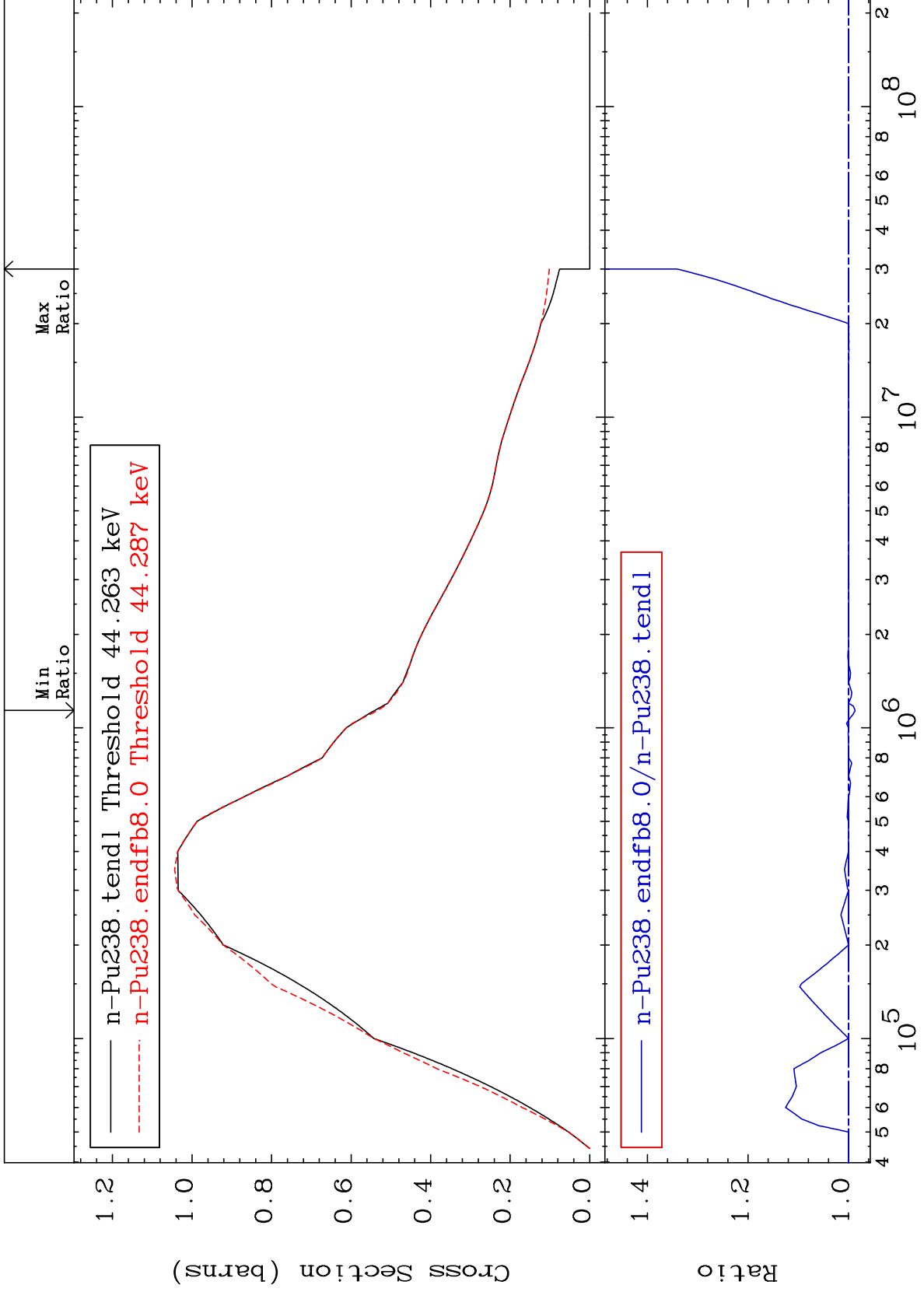
94-Pu-238



MAT 9434

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

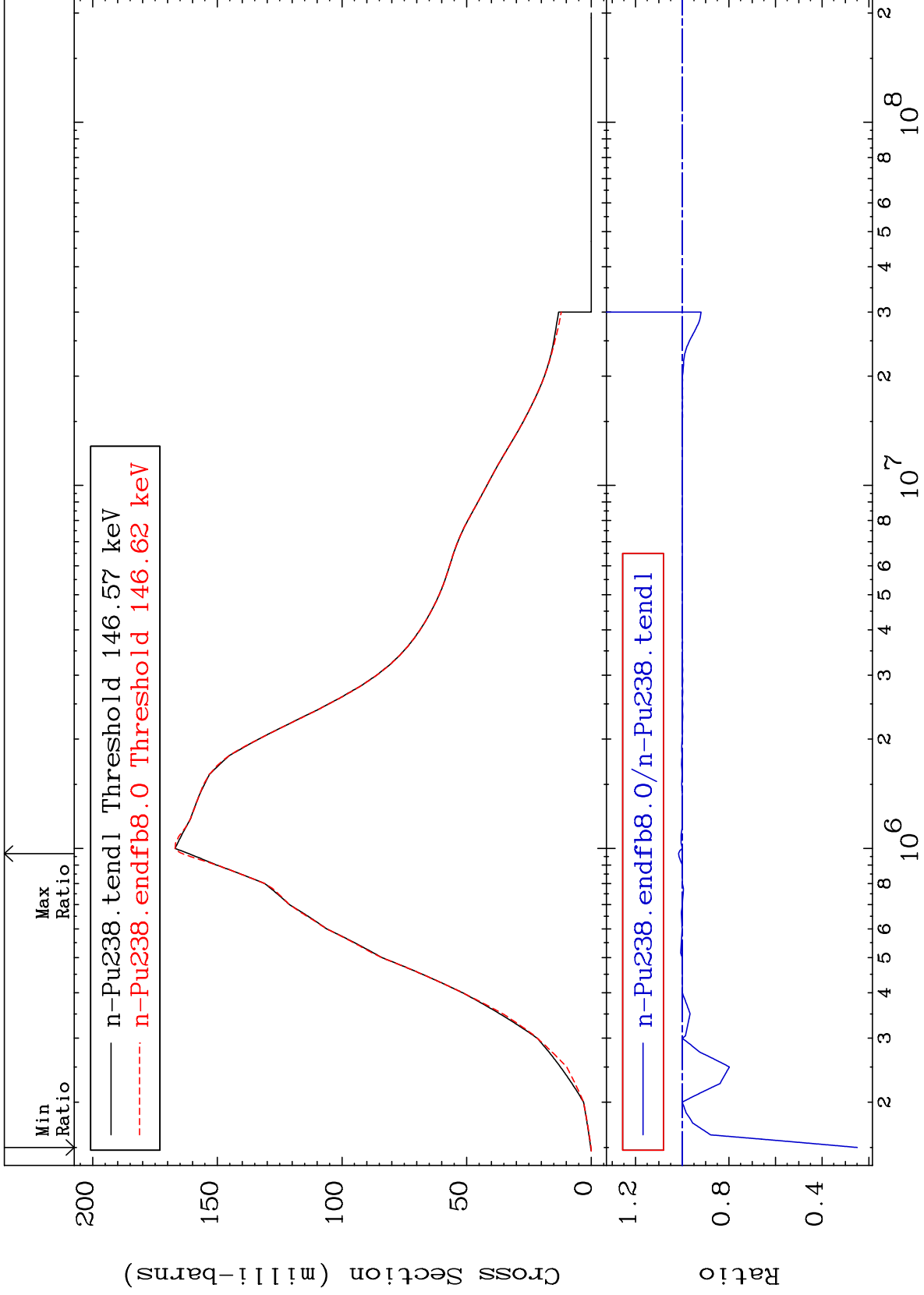
94-Pu-238
-1.302 To 34.14 %



MAT 9434

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

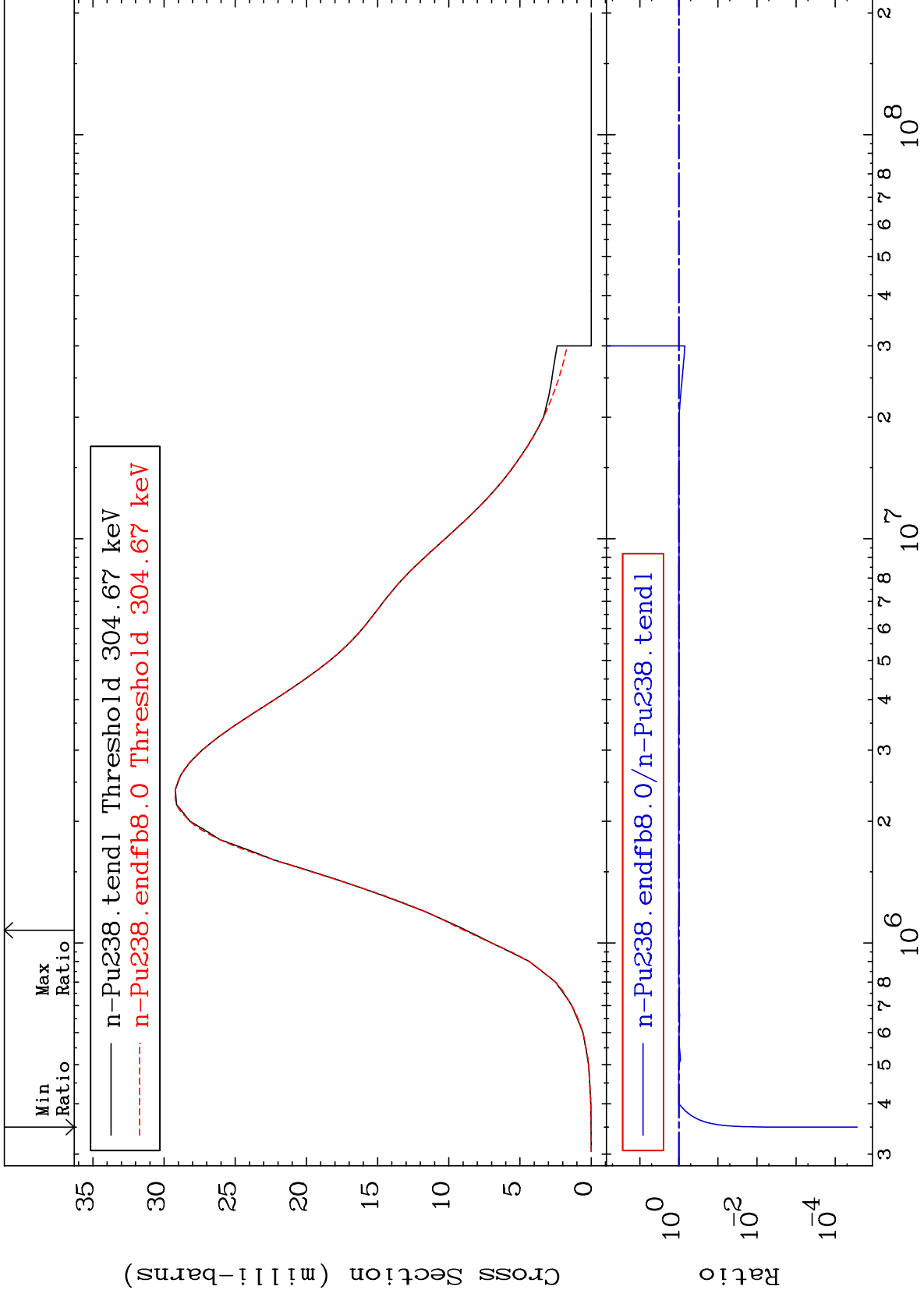
94-Pu-238
-75.05 To 1.551 %



MAT 9434

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

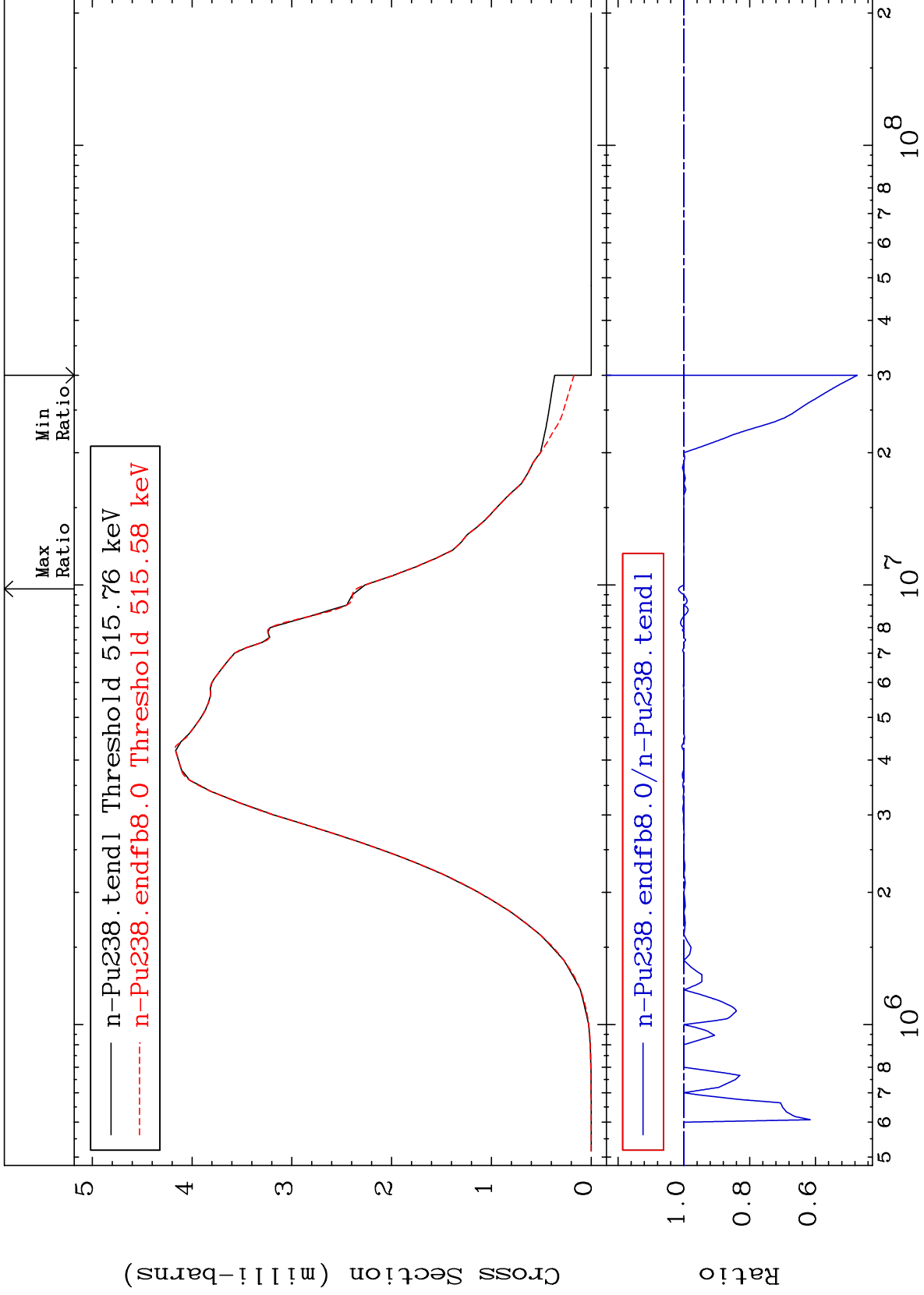
94-Pu-238
-100.0 To 1.573 %



MAT 9434

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

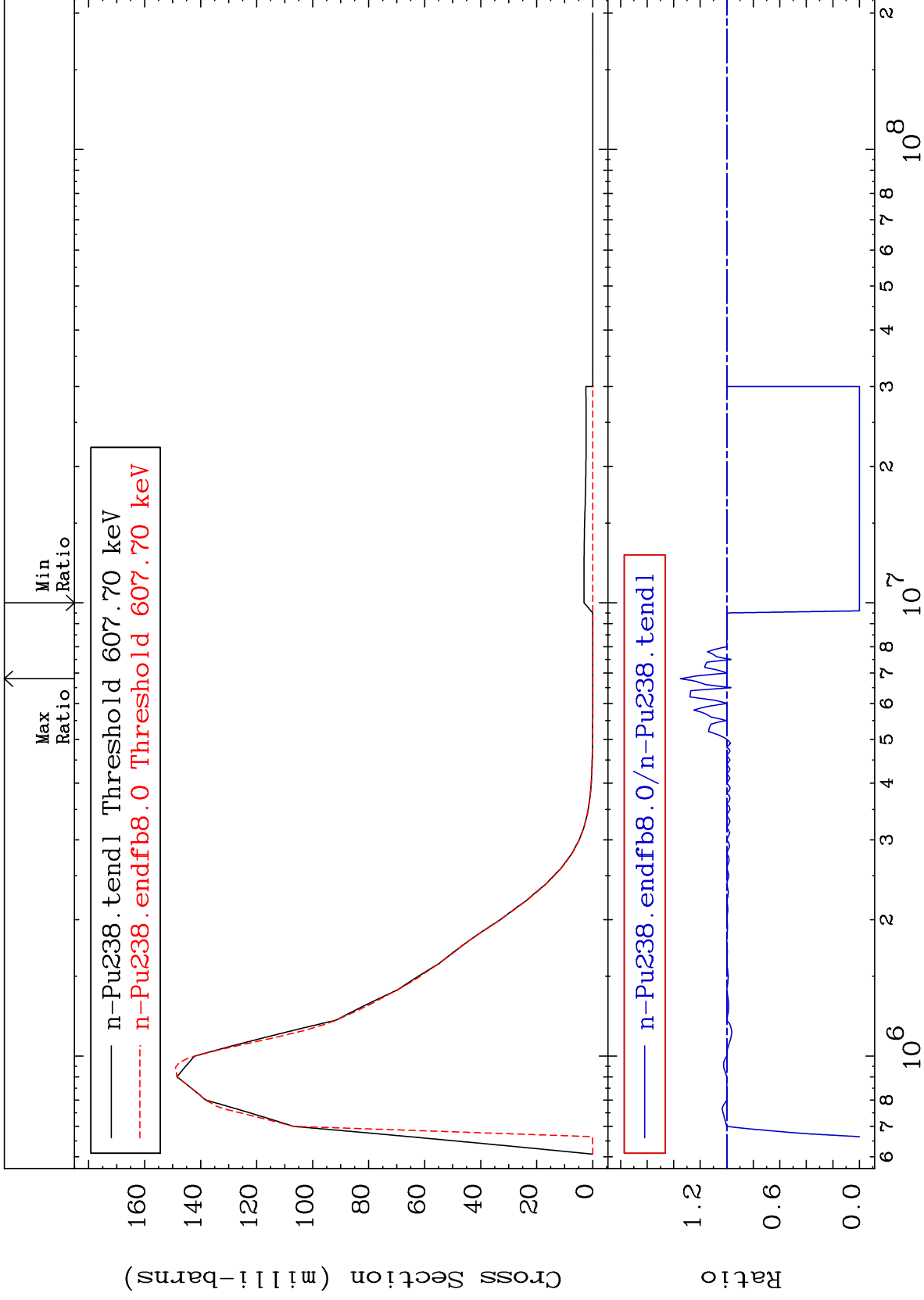
94-Pu-238
-52.70 To 1.583 %



MAT 9434

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

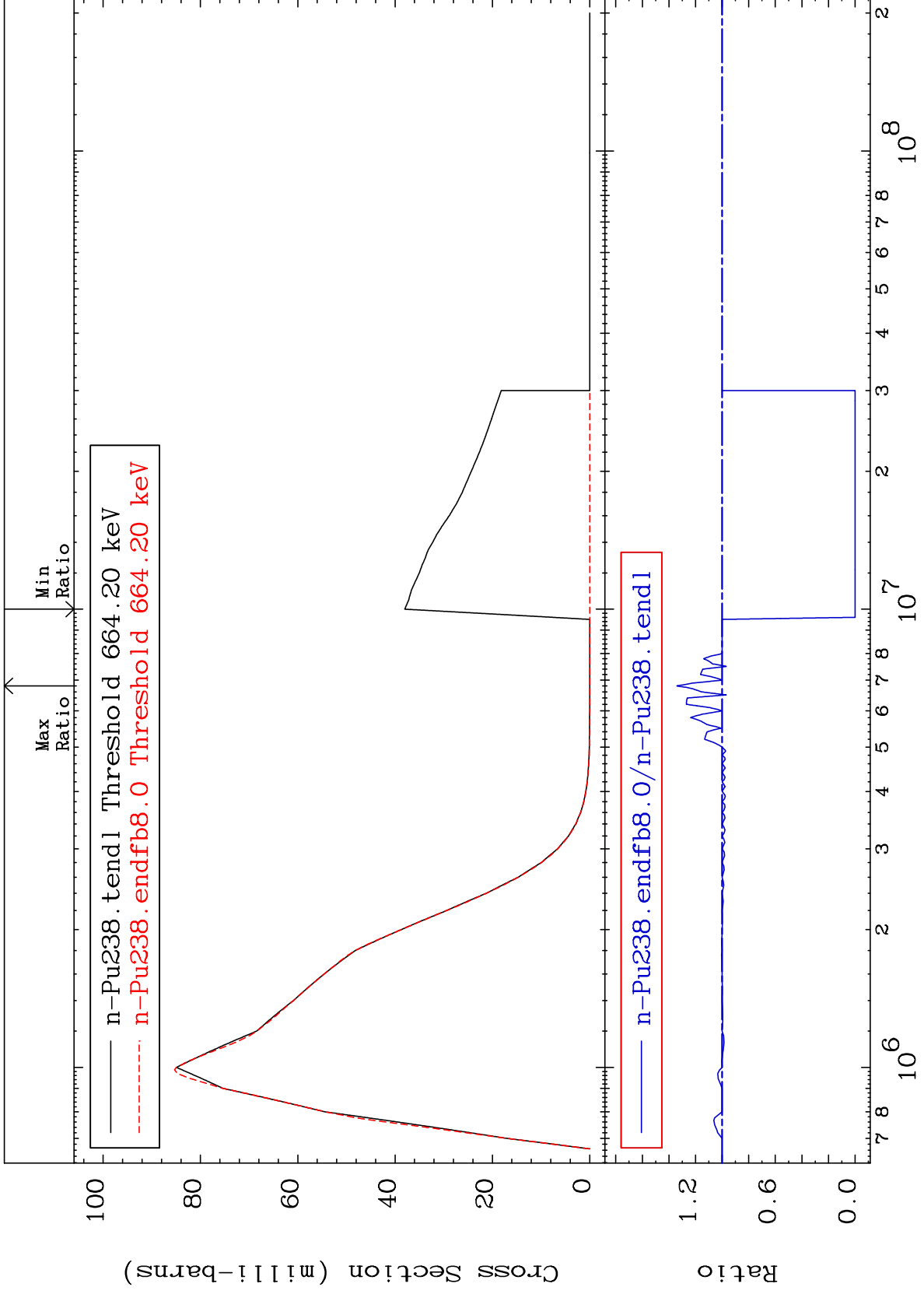
94-Pu-238
-100.0 To 34.96 %



MAT 9434

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

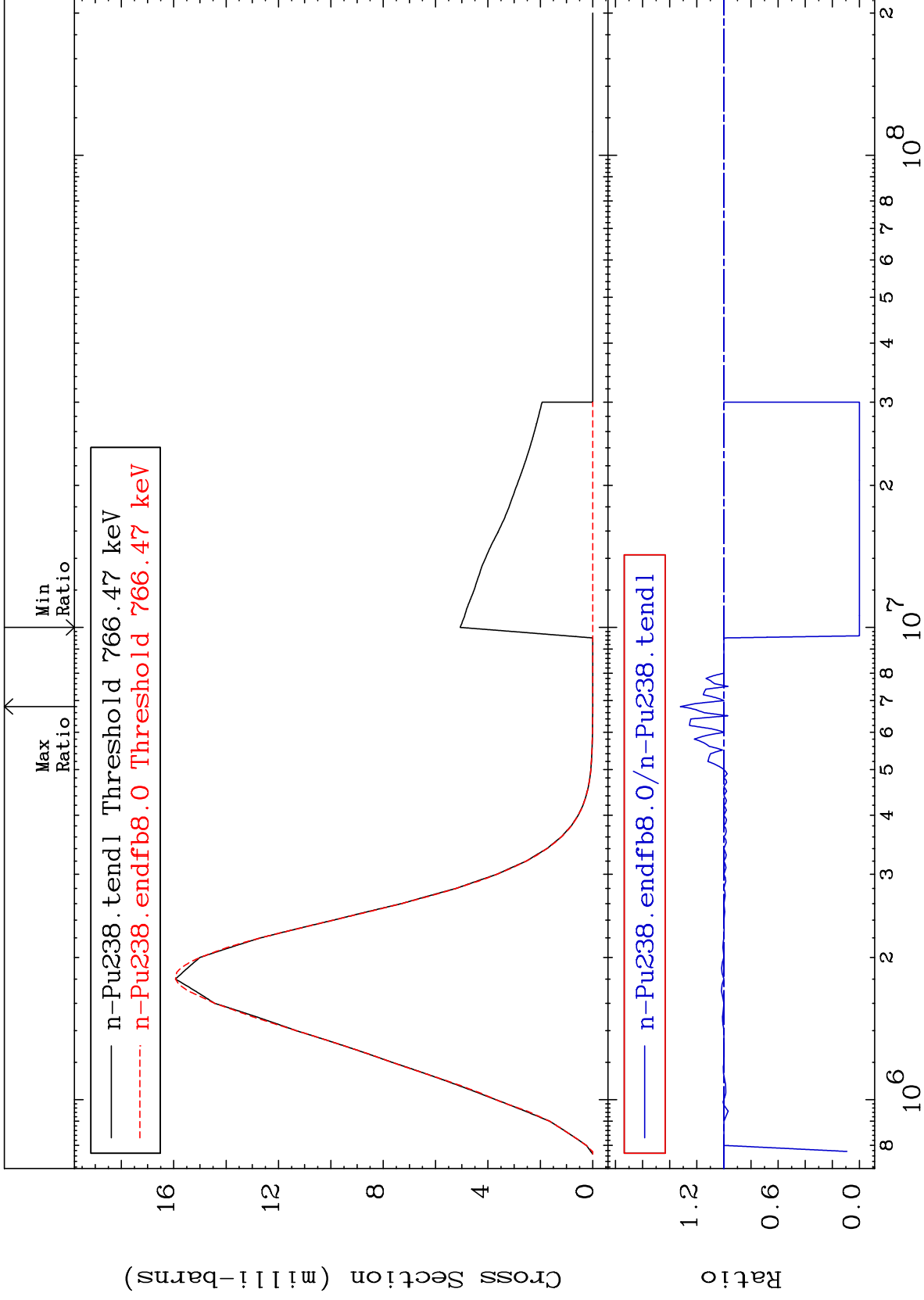
94-Pu-238
-100.0 To 33.99 %



MAT 9434

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

94-Pu-238
-100.0 To 32.13 %



18

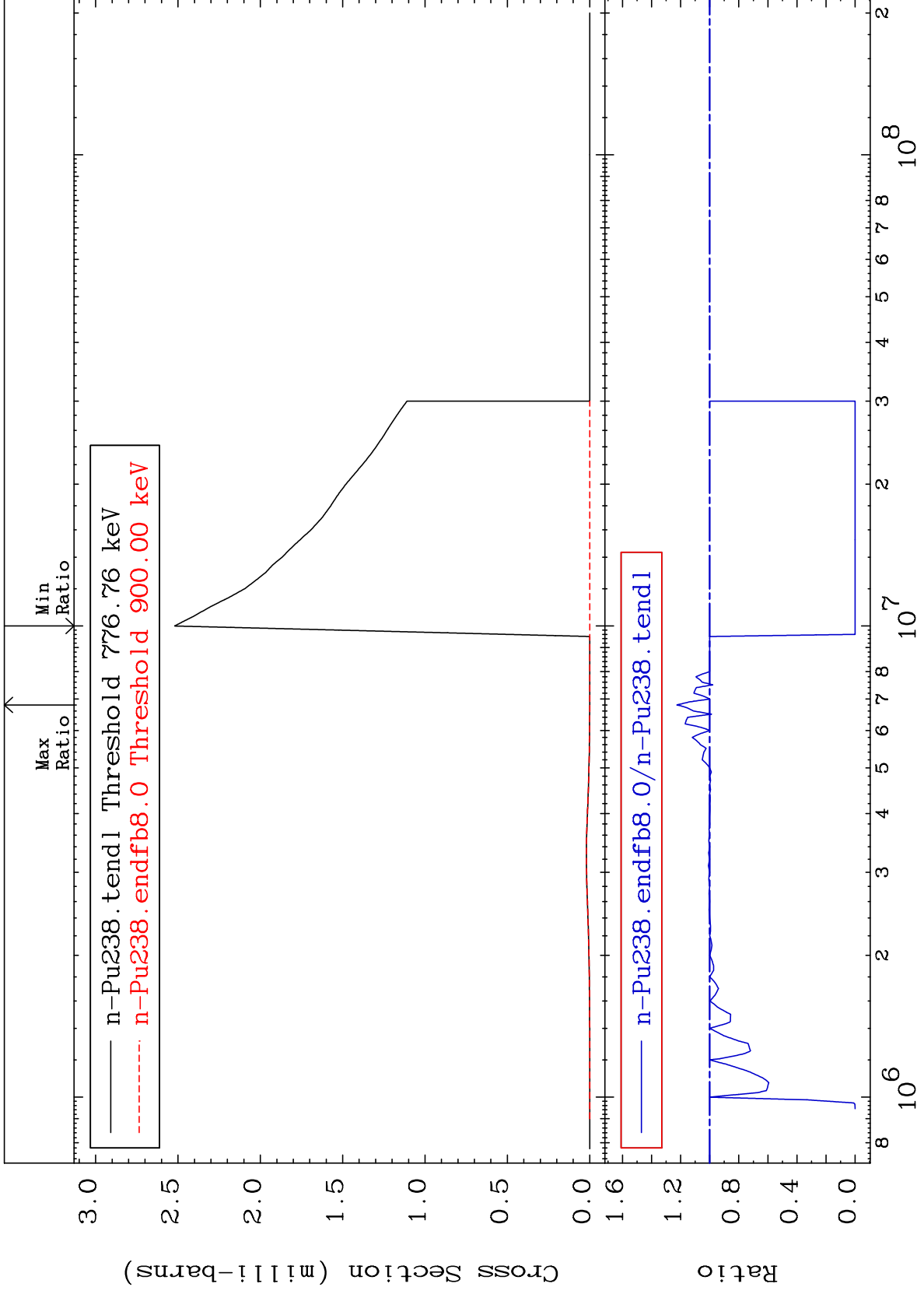
Incident Energy (eV)

94-Pu-238

MAT 9434

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

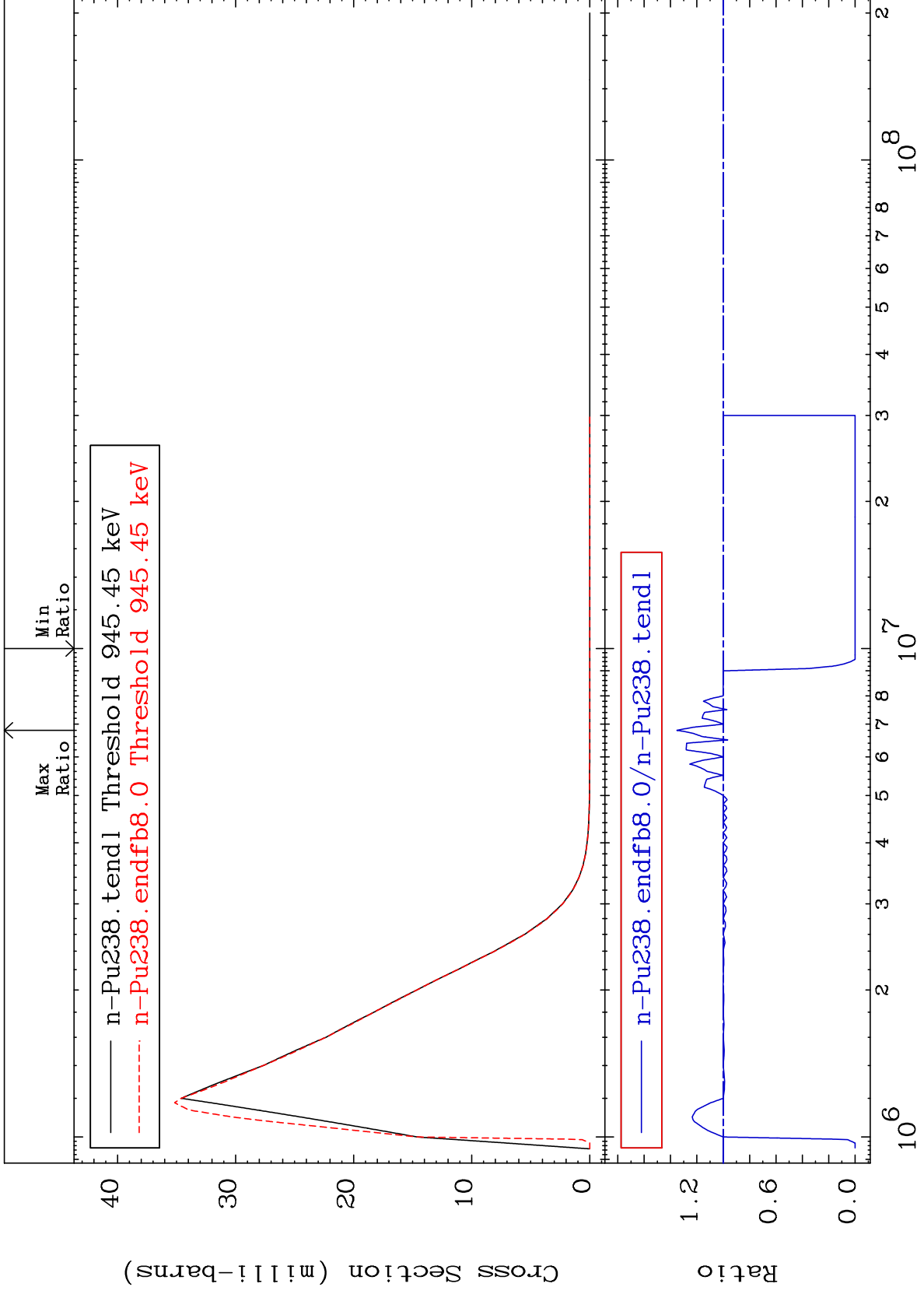
94-Pu-238
-100.0 To 22.56 %



MAT 9434

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

94-Pu-238
-100.0 To 35.13 %



Incident Energy (eV)

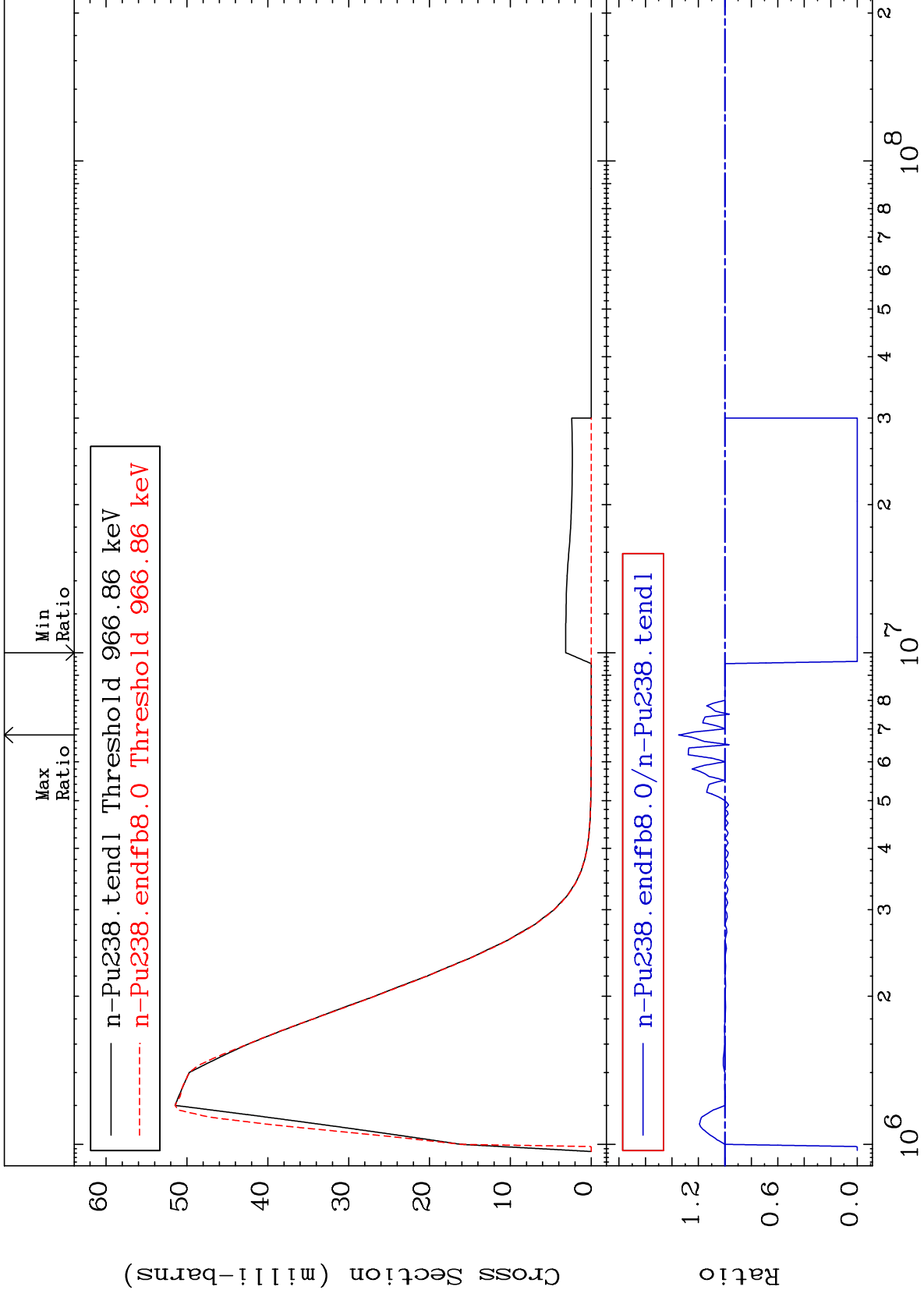
20

94-Pu-238

MAT 9434

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

94-Pu-238
-100.0 To 34.93 %



21

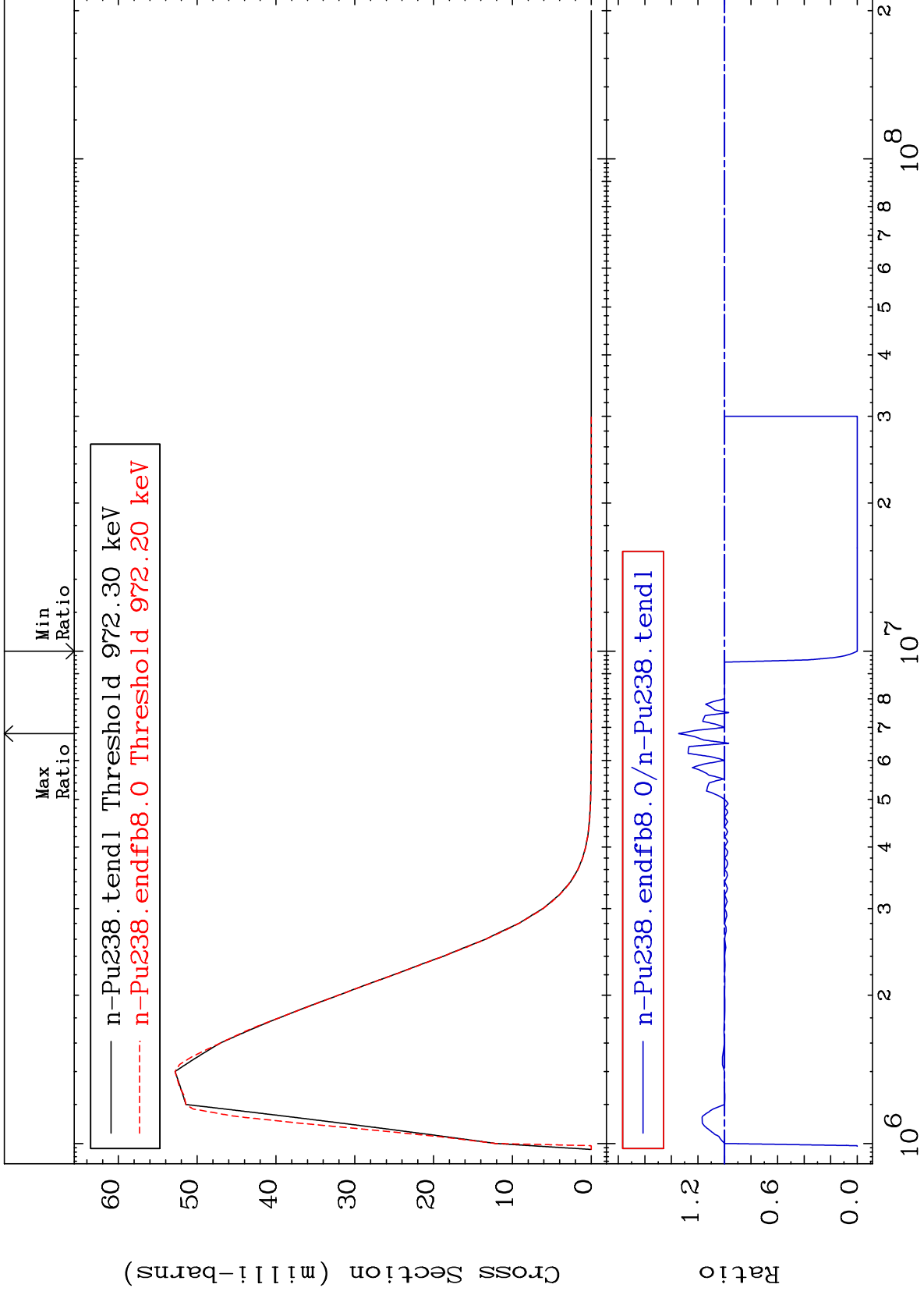
Incident Energy (eV)

94-Pu-238

MAT 9434

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

94-Pu-238
-100.0 To 34.54 %



22

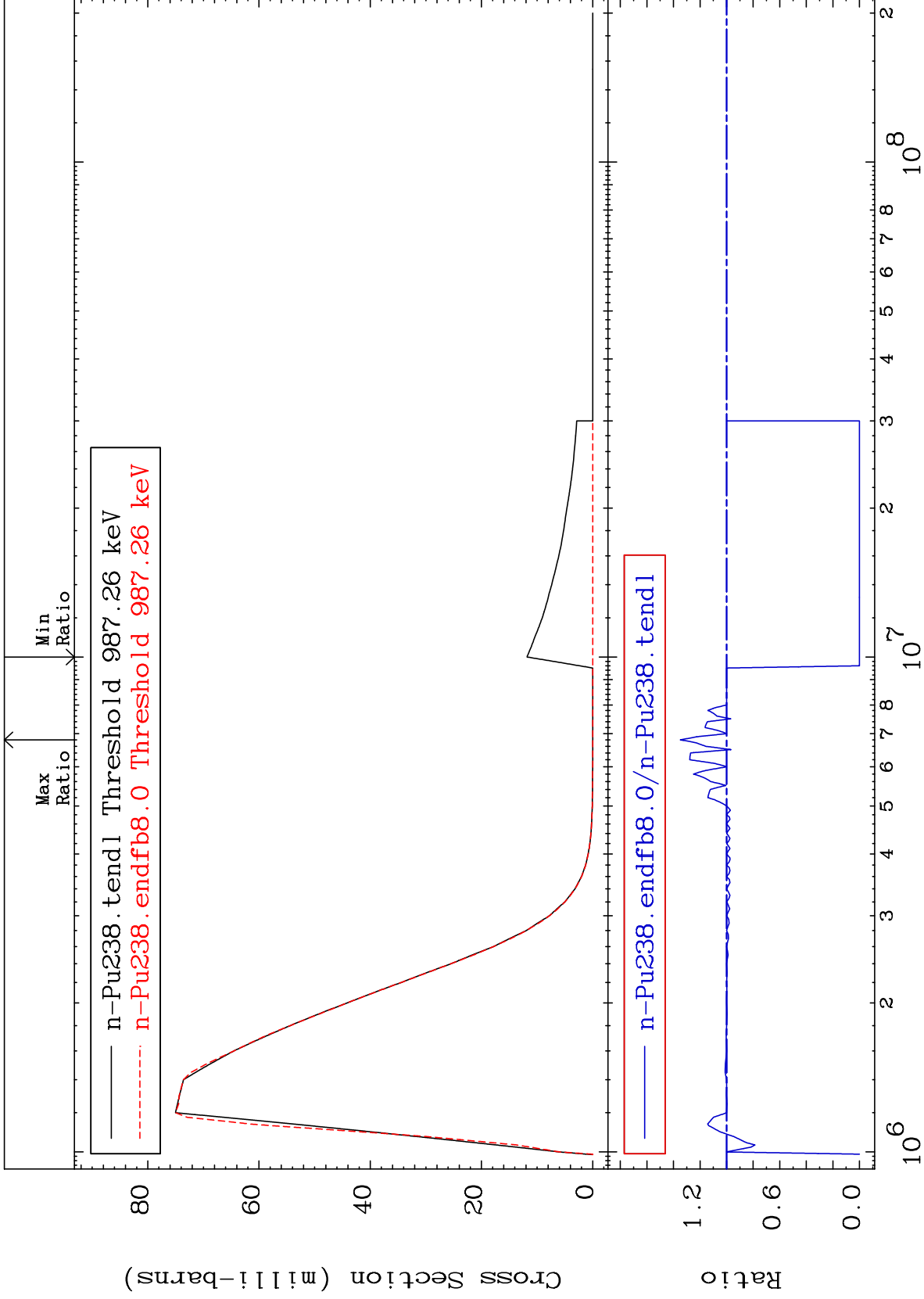
Incident Energy (eV)

94-Pu-238

MAT 9434

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

94-Pu-238
-100.0 To 34.81 %



23

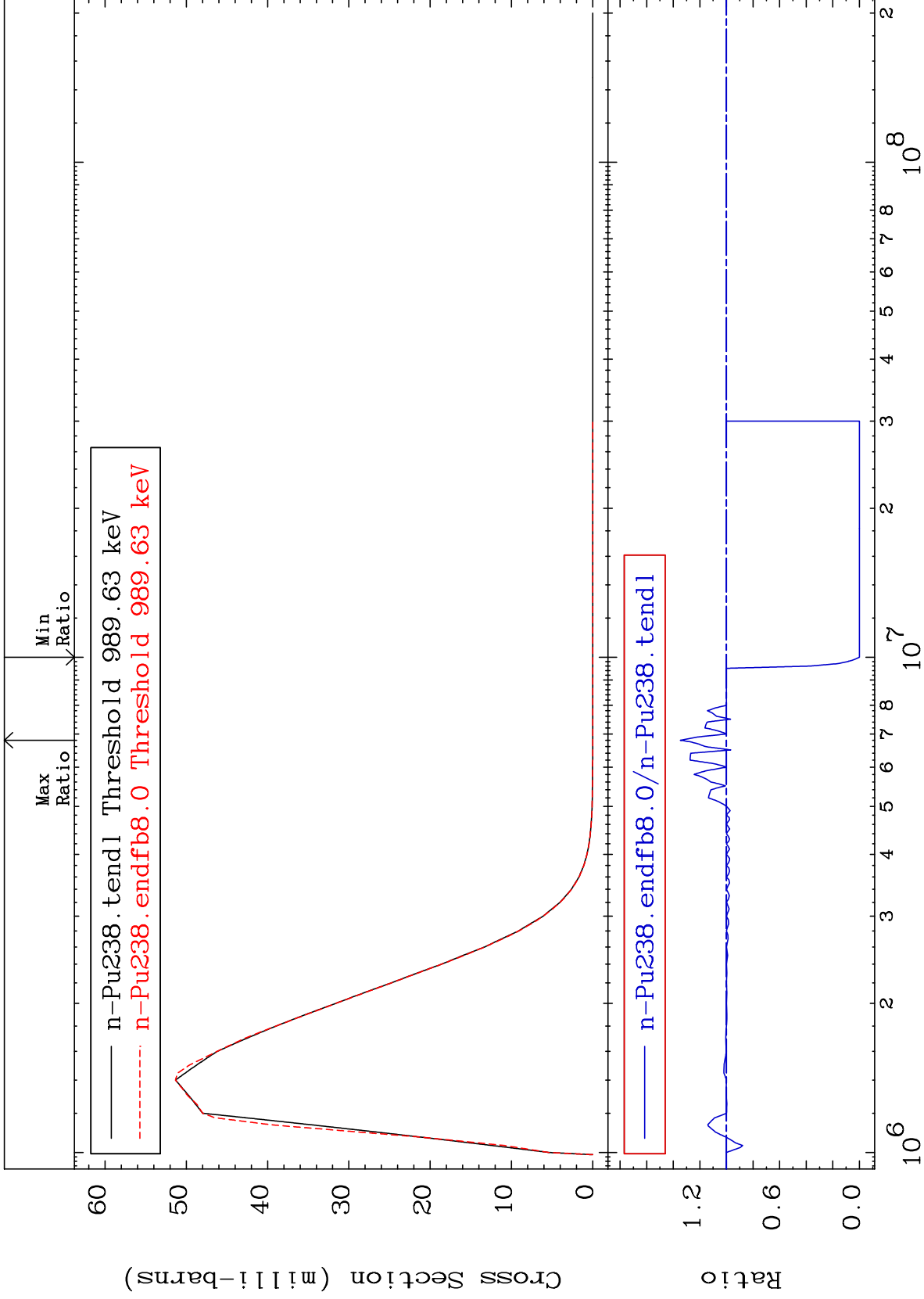
Incident Energy (eV)

94-Pu-238

MAT 9434

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

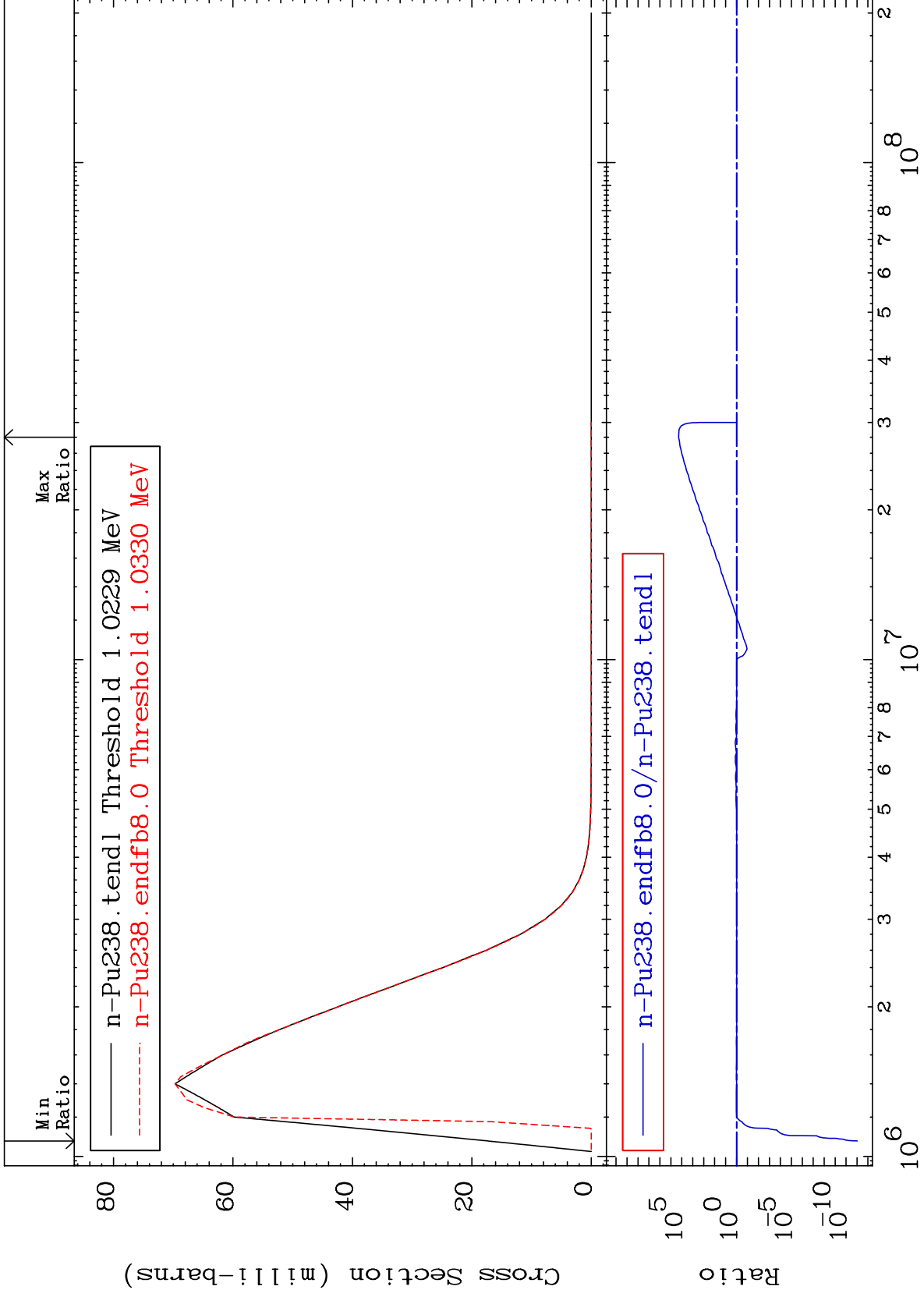
94-Pu-238
-100.0 To 34.65 %



MAT 9434

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

94-Pu-238
-100.0 To 9999. %



25

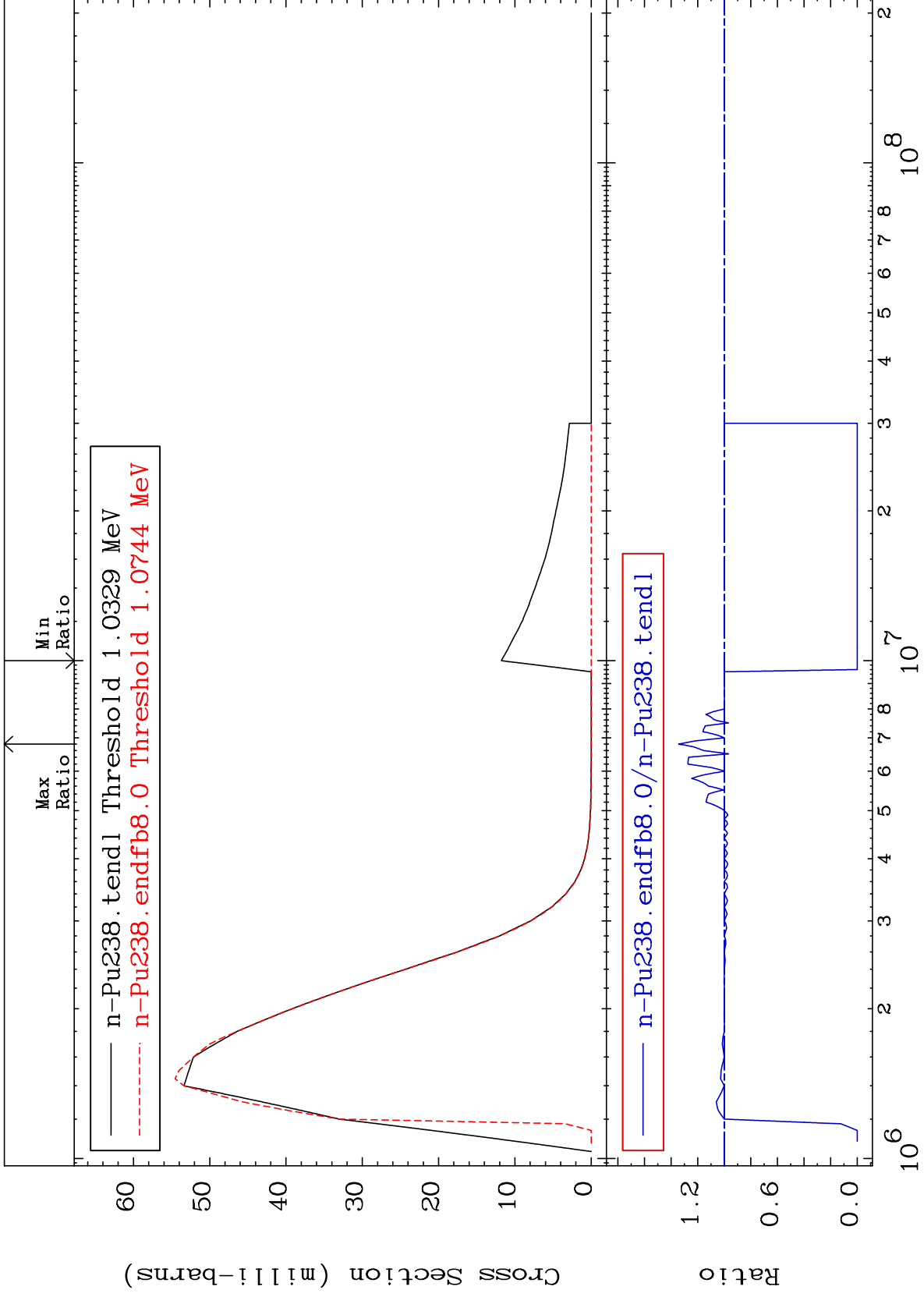
Incident Energy (eV)

94-Pu-238

MAT 9434

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

94-Pu-238
-100.0 To 34.30 %



26

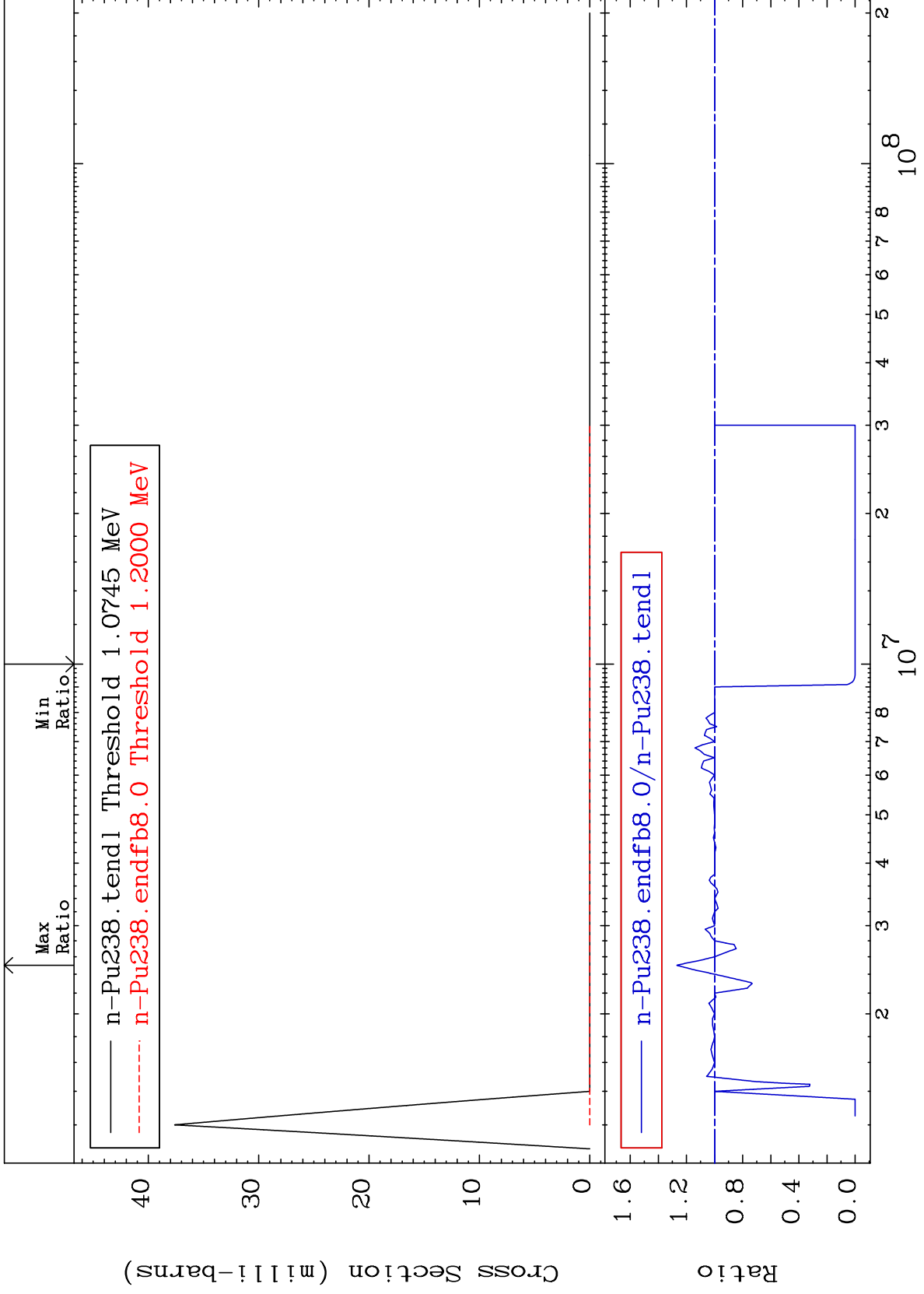
Incident Energy (eV)

94-Pu-238

MAT 9434

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

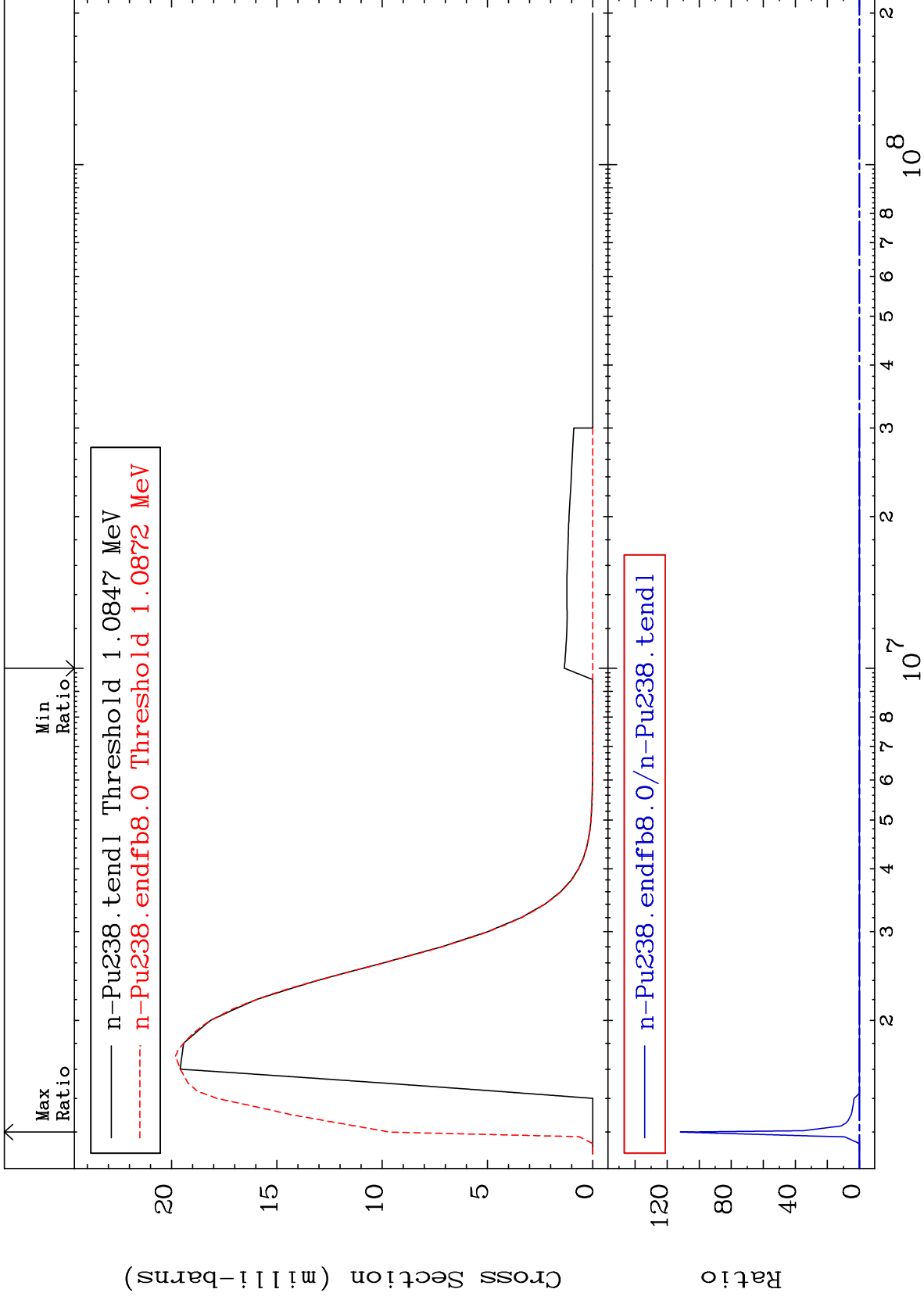
94-Pu-238
-100.0 To 26.79 %



MAT 9434

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

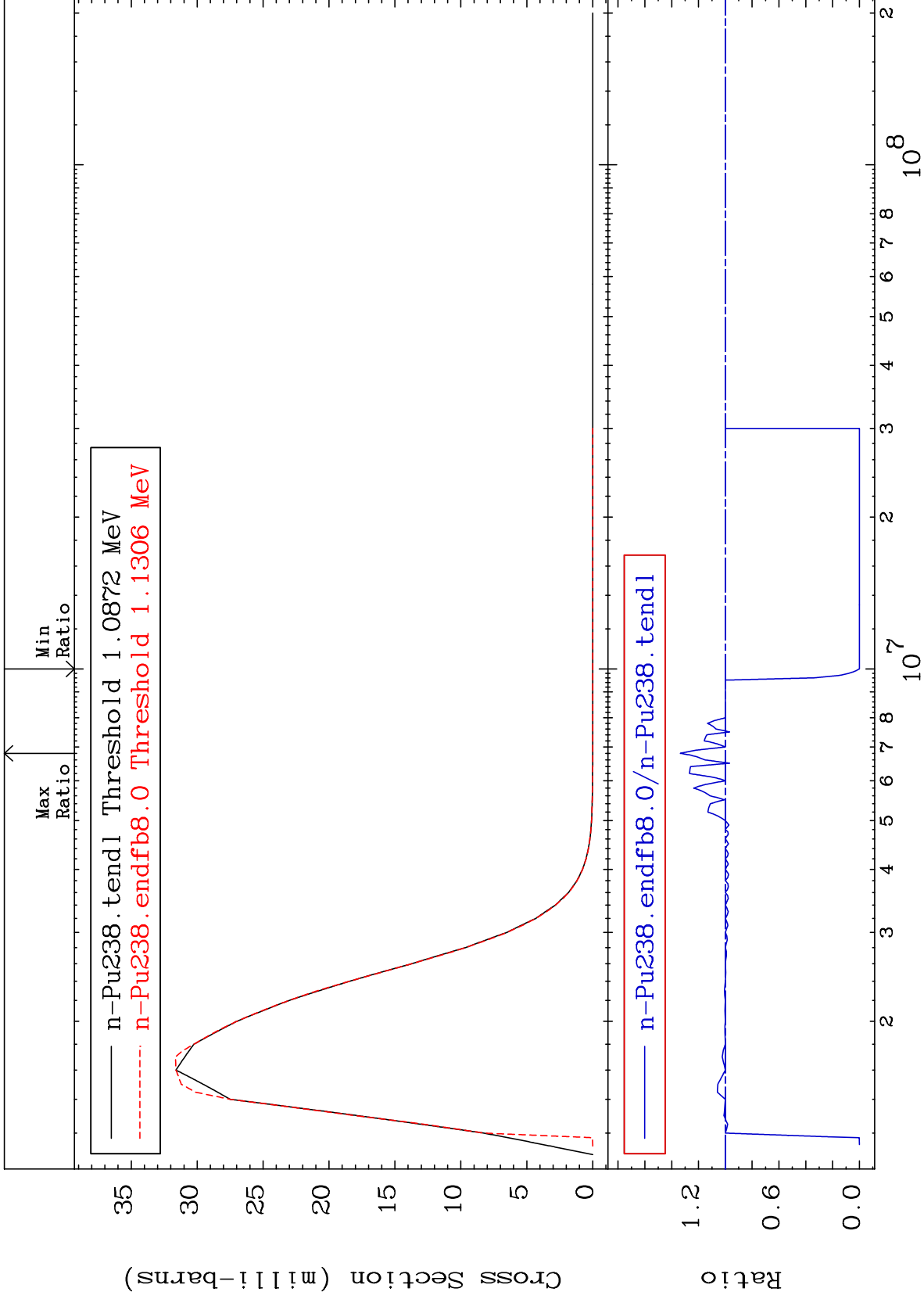
94-Pu-238
-100.0 To 9999. %



MAT 9434

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

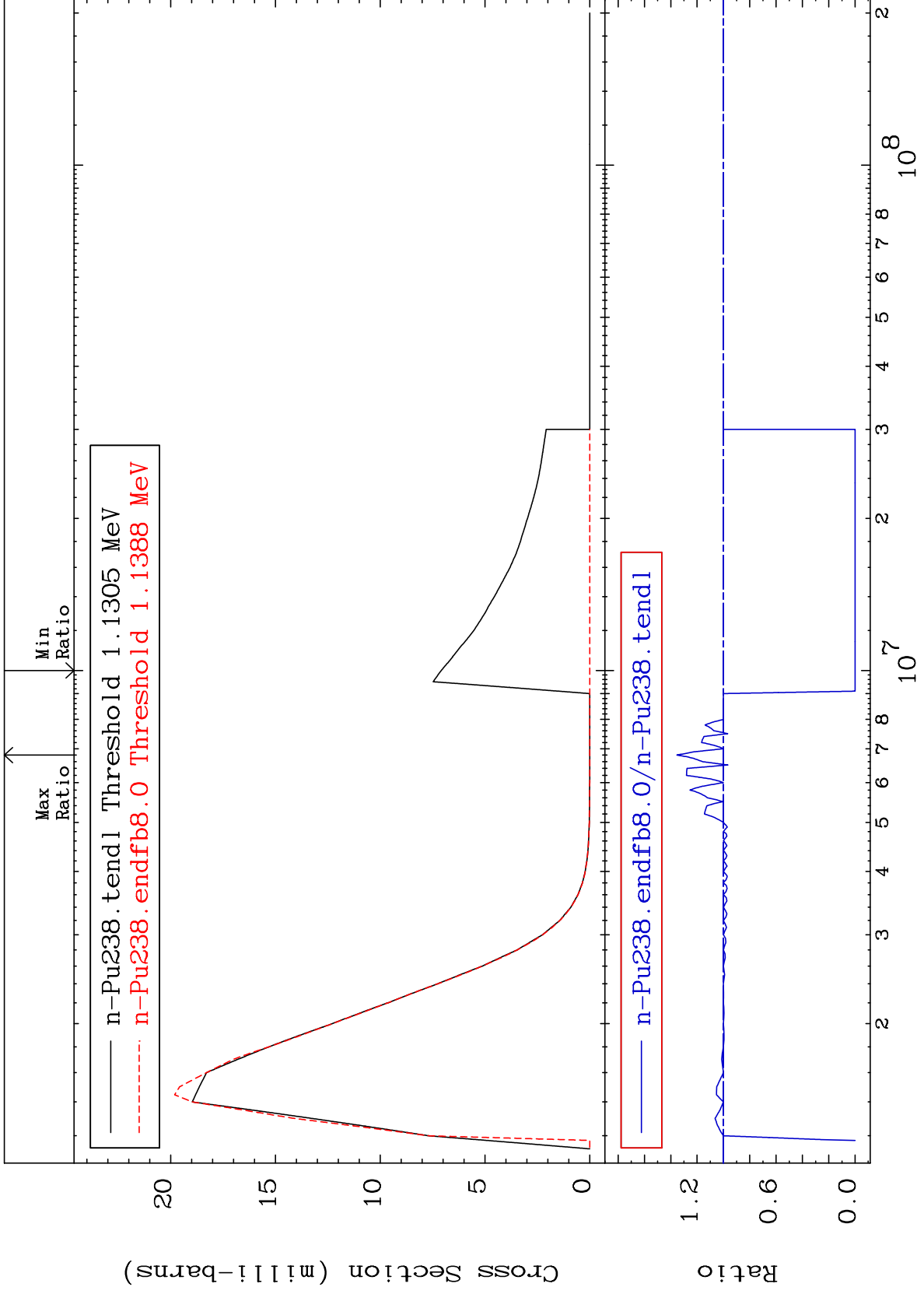
94-Pu-238
-100.0 To 33.52 %



MAT 9434

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

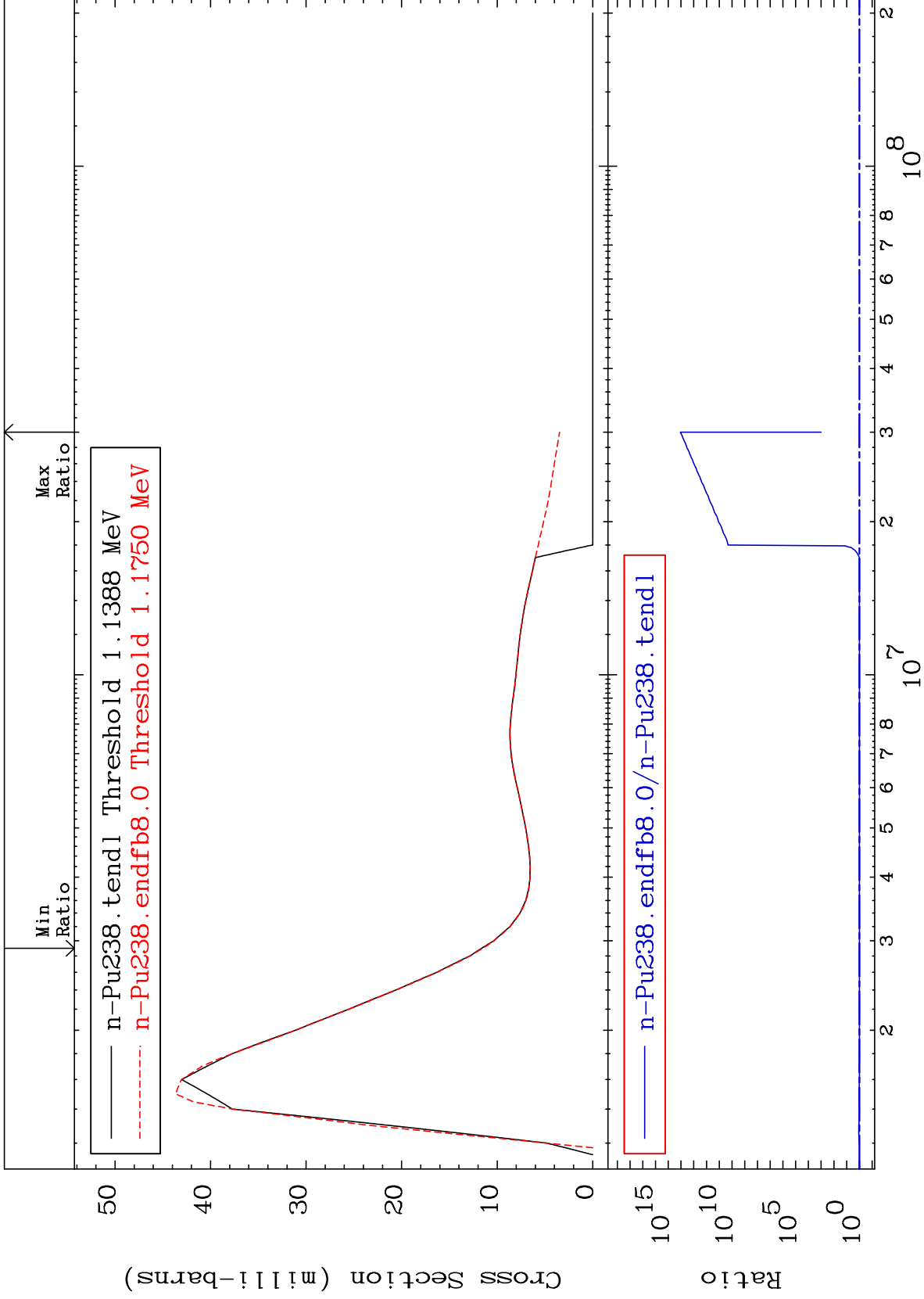
94-Pu-238
-100.0 To 35.32 %



MAT 9434

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

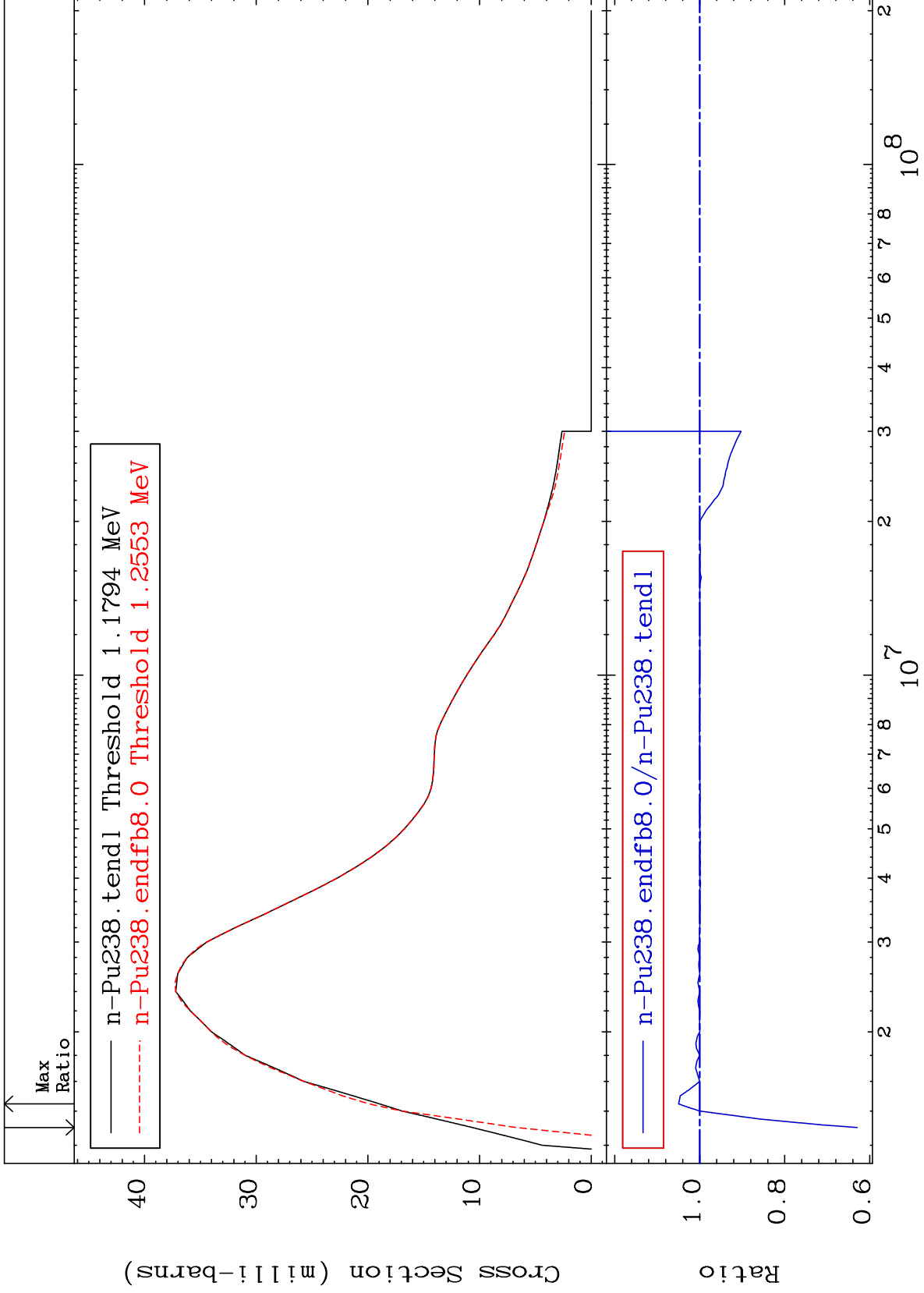
94-Pu-238
-1.072 To 9999. %



MAT 9434

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

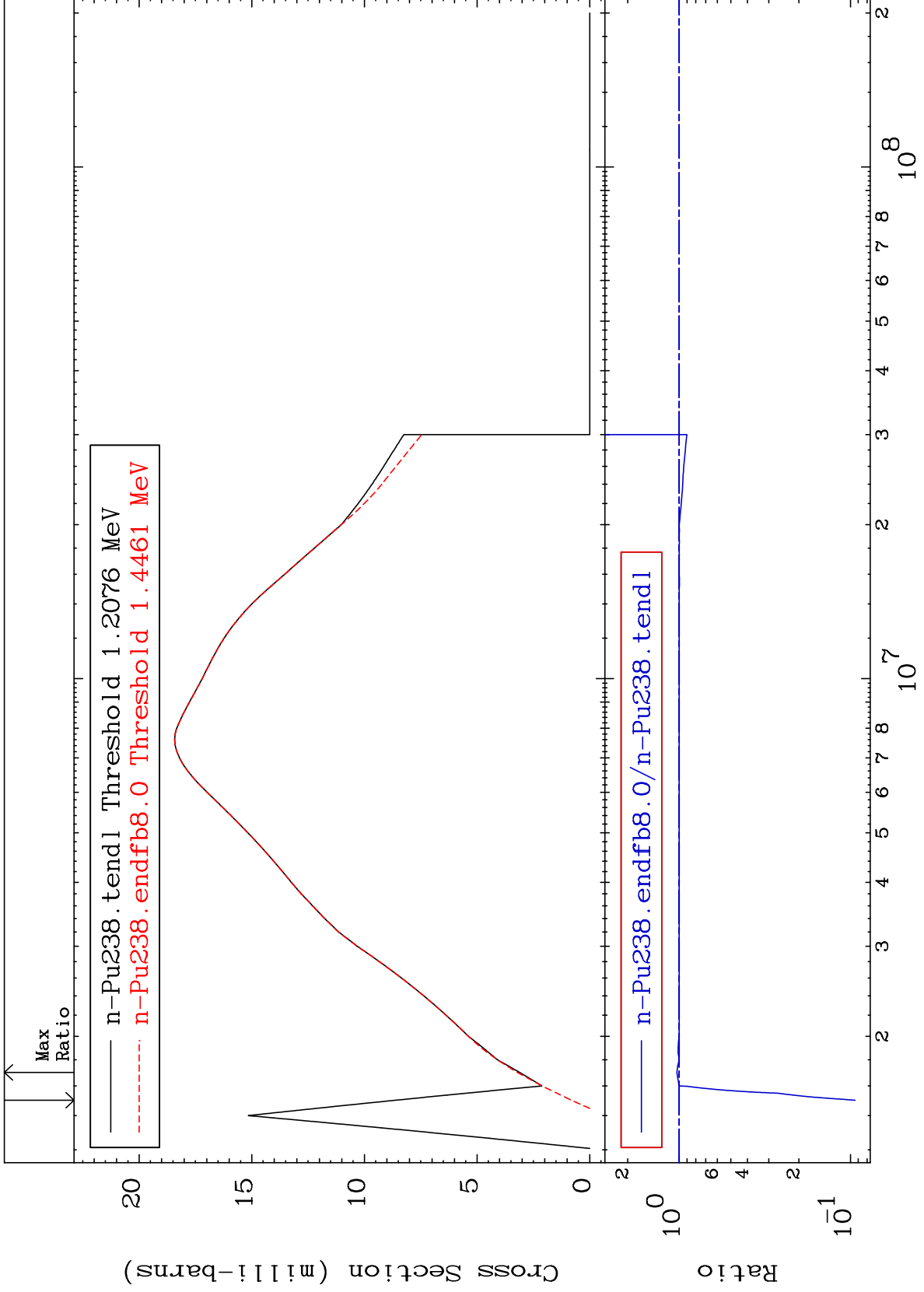
94-Pu-238
-37.05 To 4.954 %

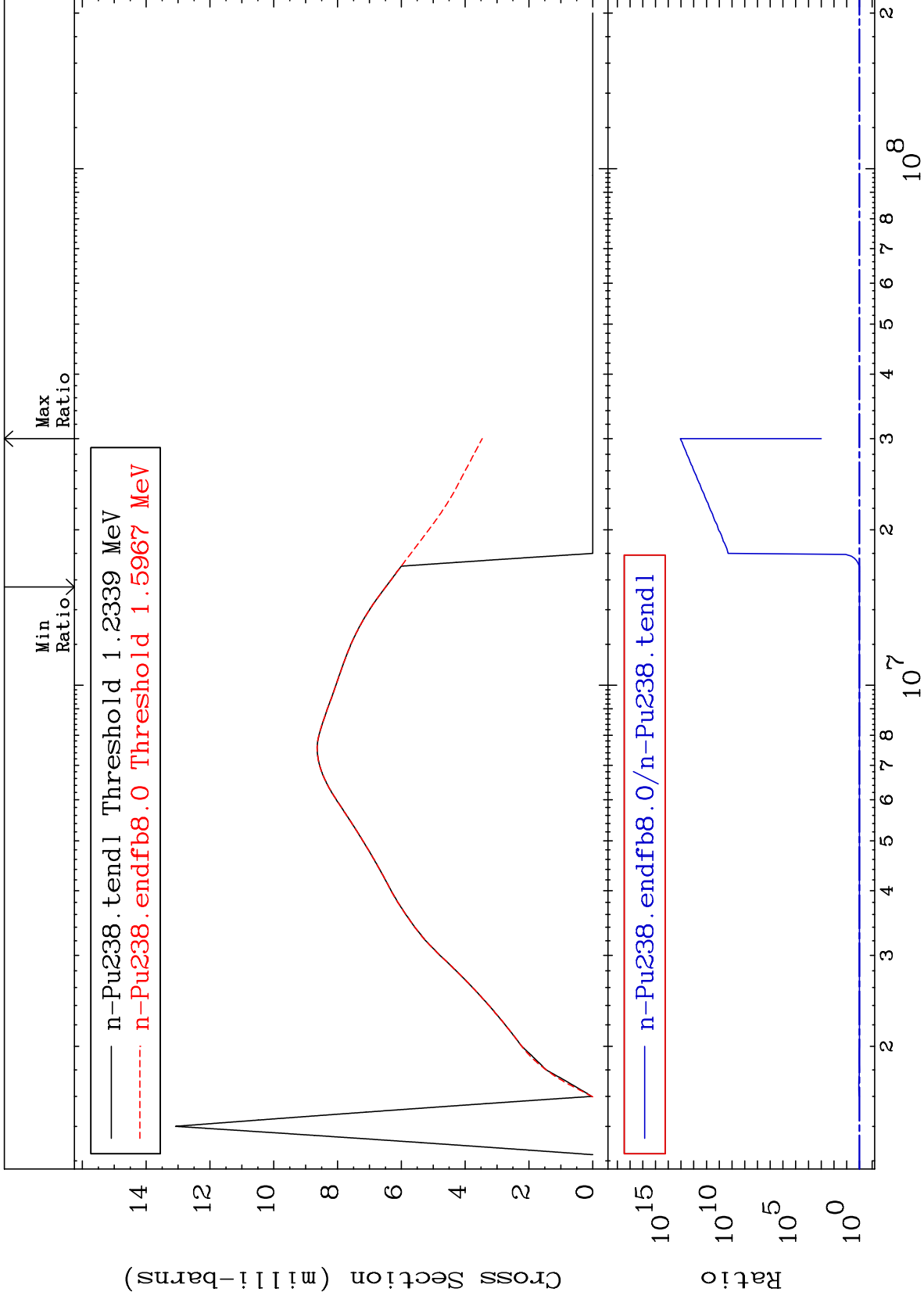


MAT 9434

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

94-Pu-238
-90.60 To 3.172 %

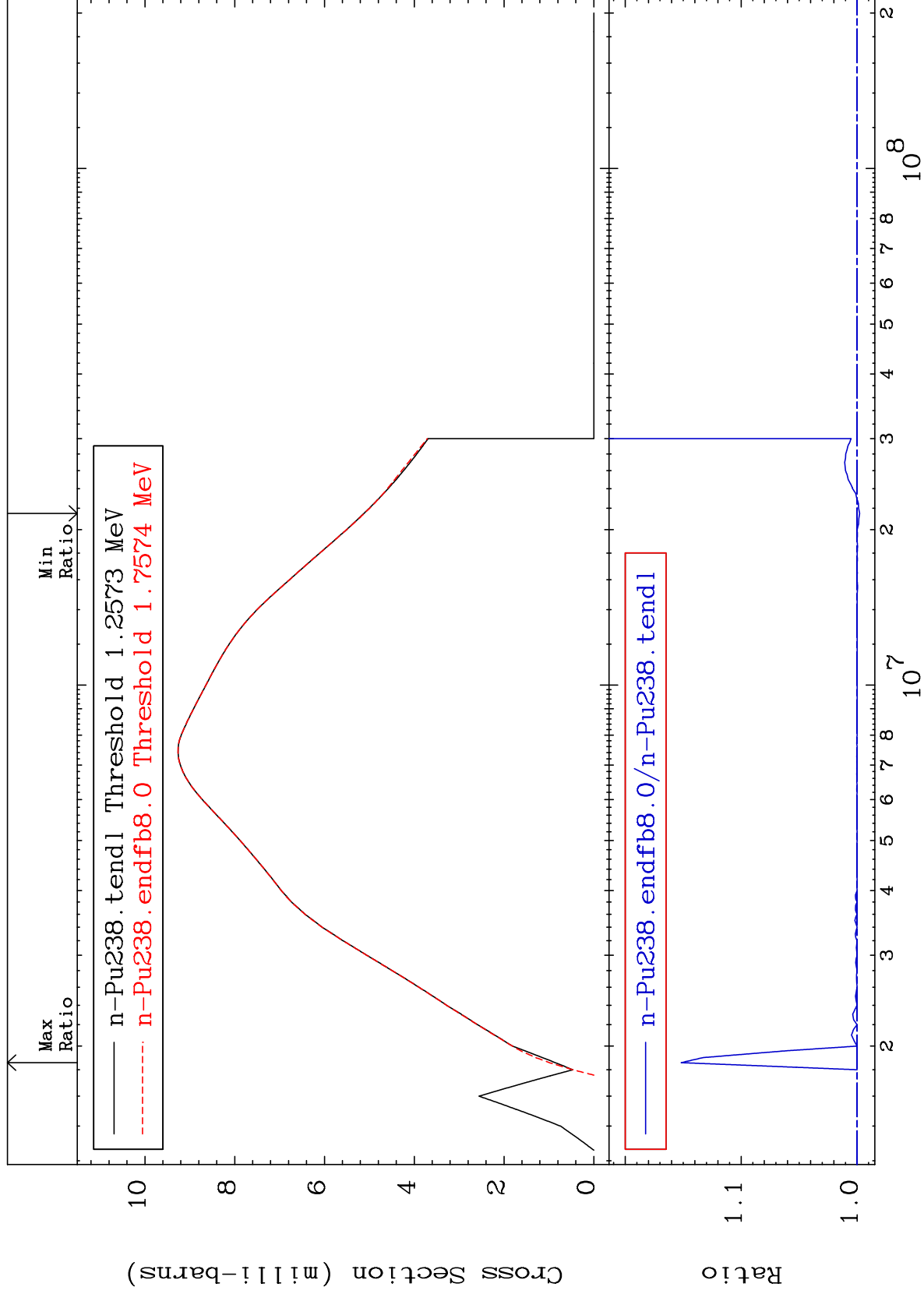




MAT 9434

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

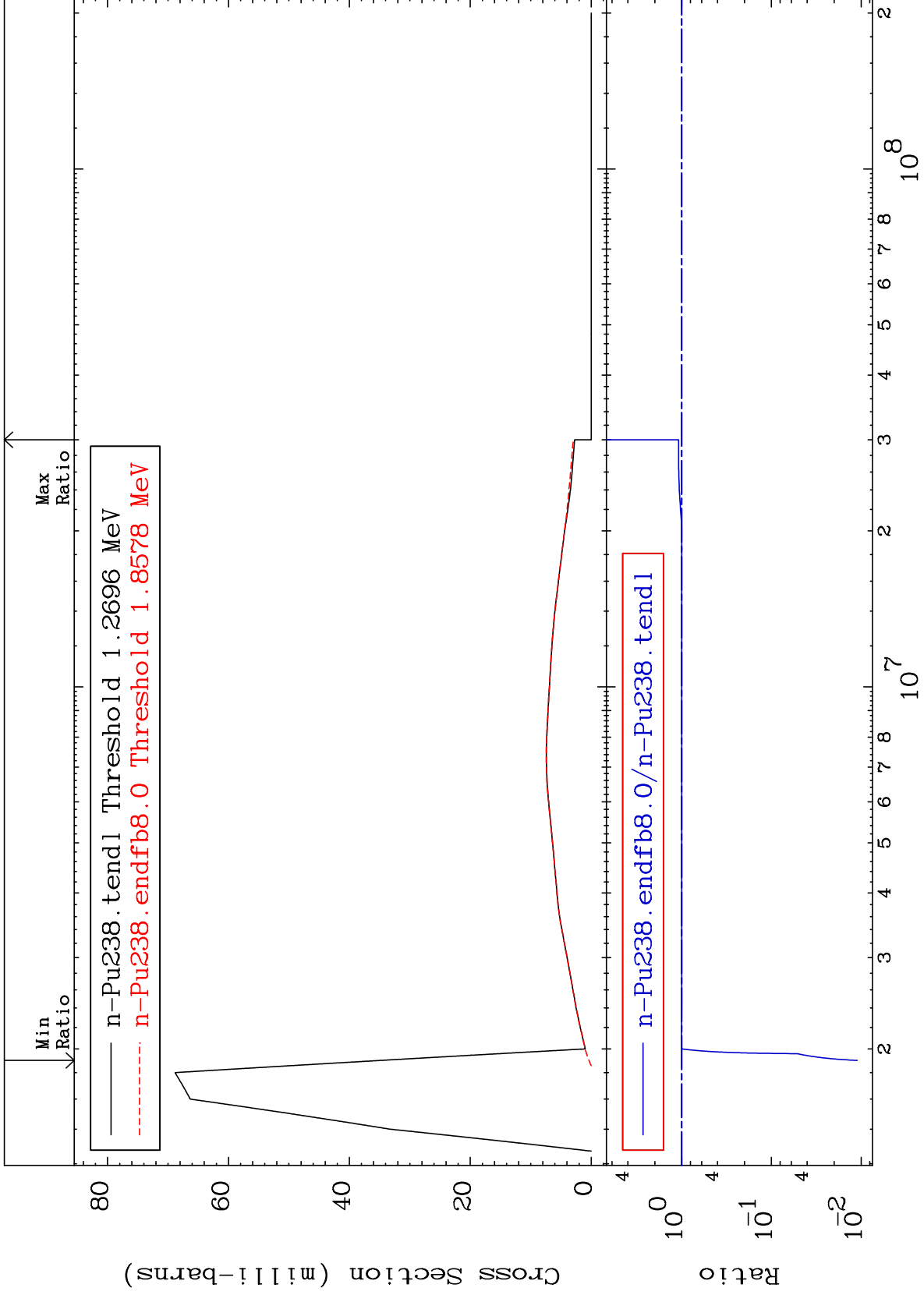
94-Pu-238
-0.224 To 15.18 %



MAT 9434

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

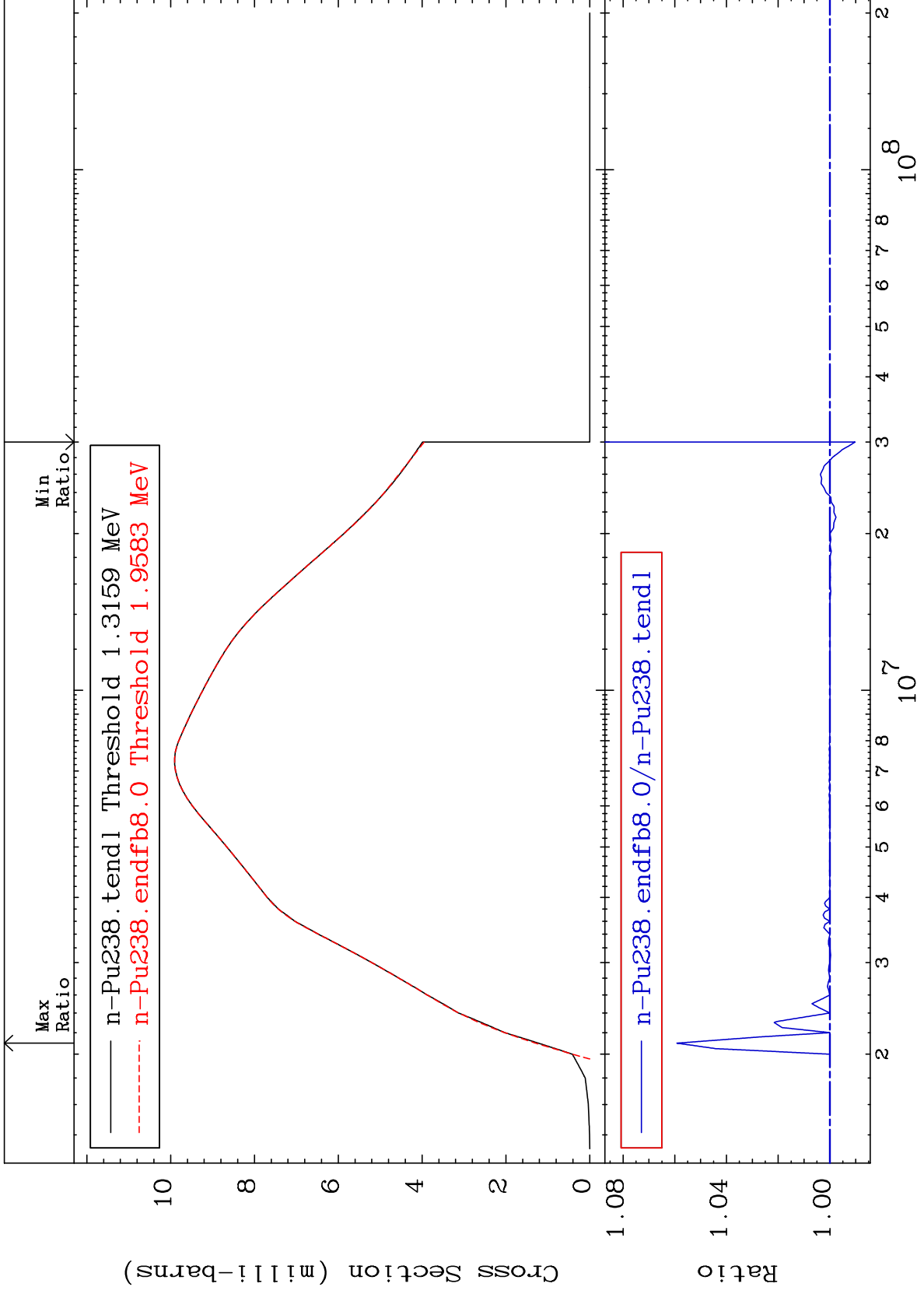
94-Pu-238
-98.90 To 8.457 %



MAT 9434

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

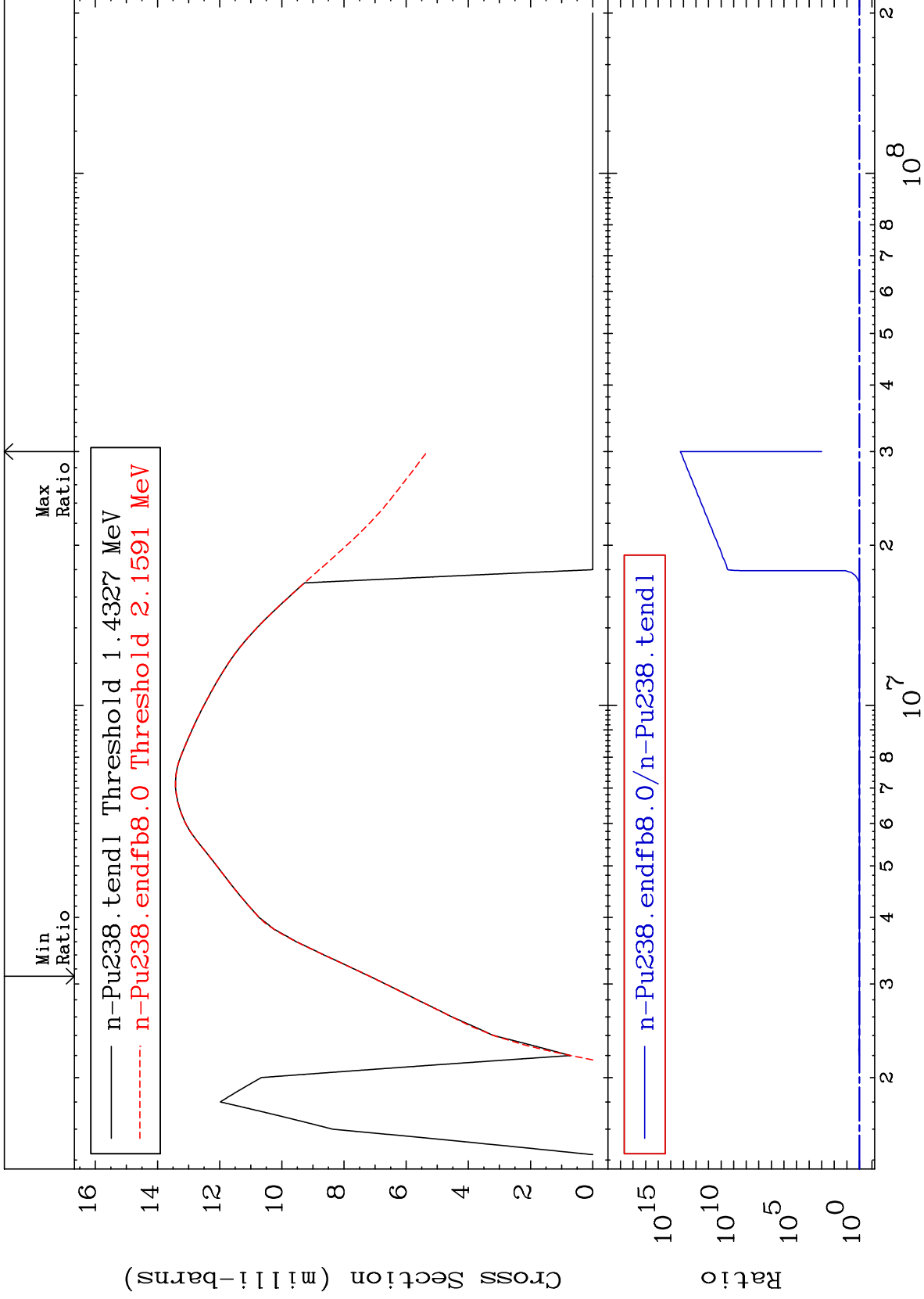
94-Pu-238
-0.975 To 5.917 %



MAT 9434

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

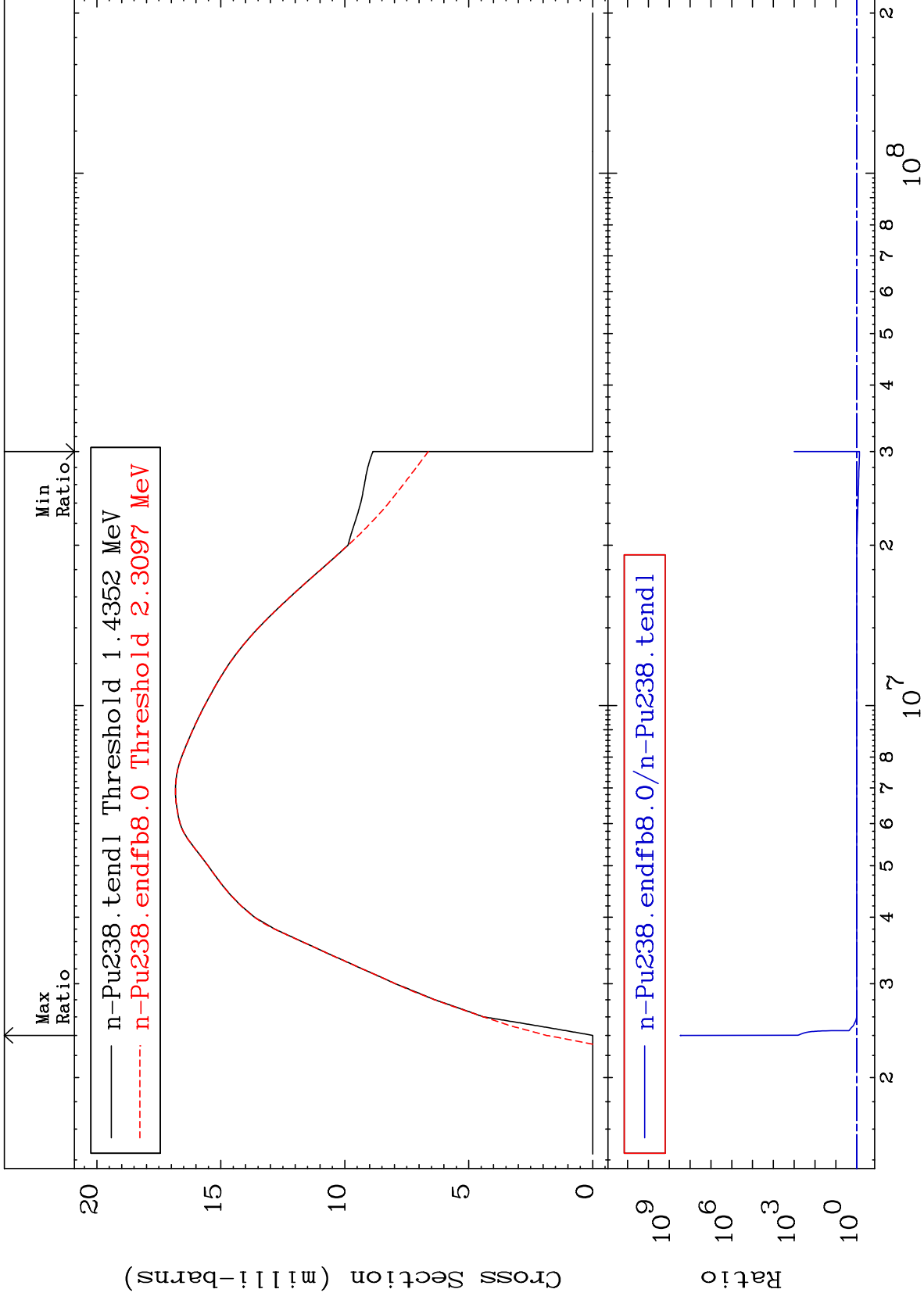
94-Pu-238
-0.028 To 9999. %



MAT 9434

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

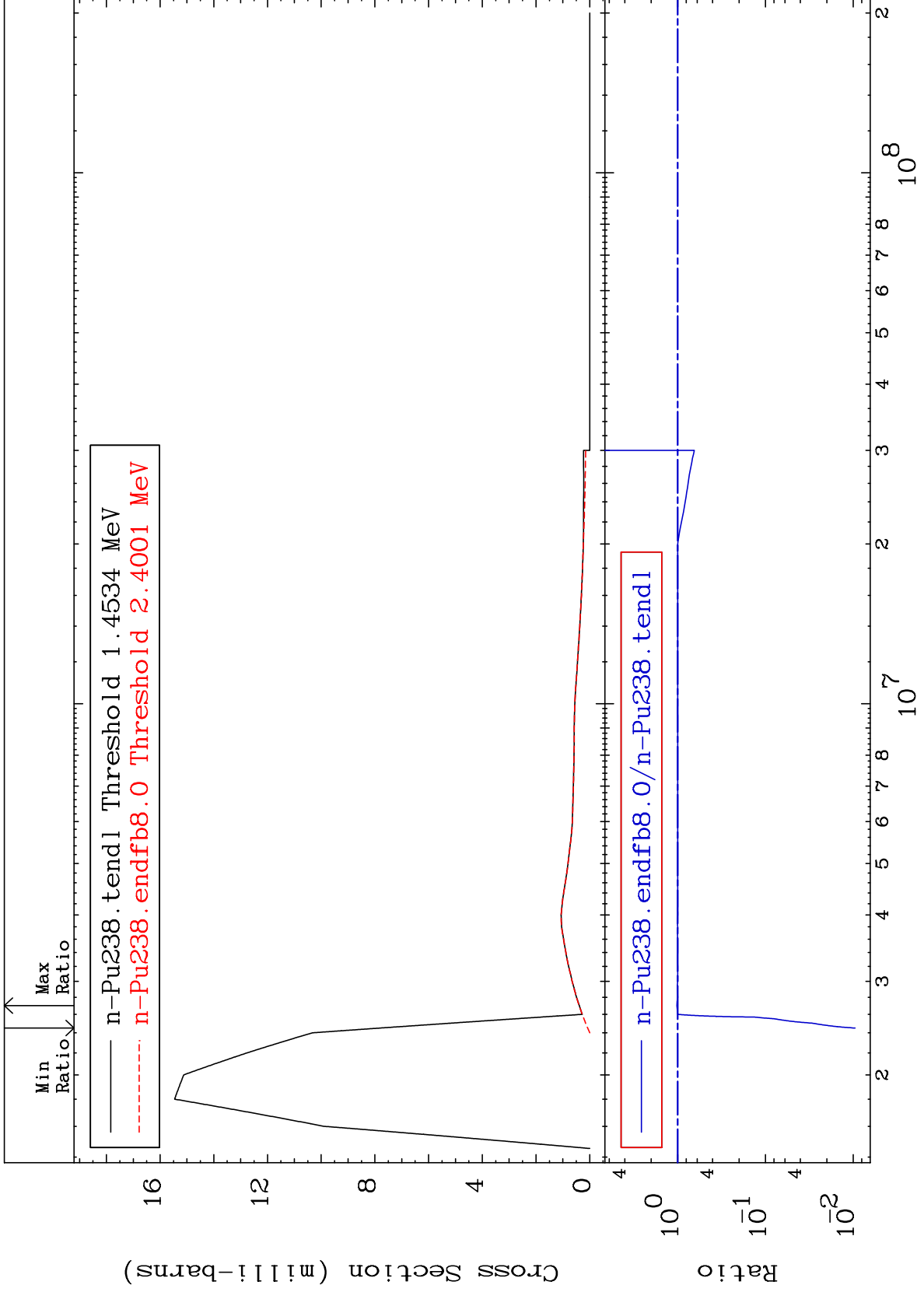
94-Pu-238
-25.20 To 9999. %



MAT 9434

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

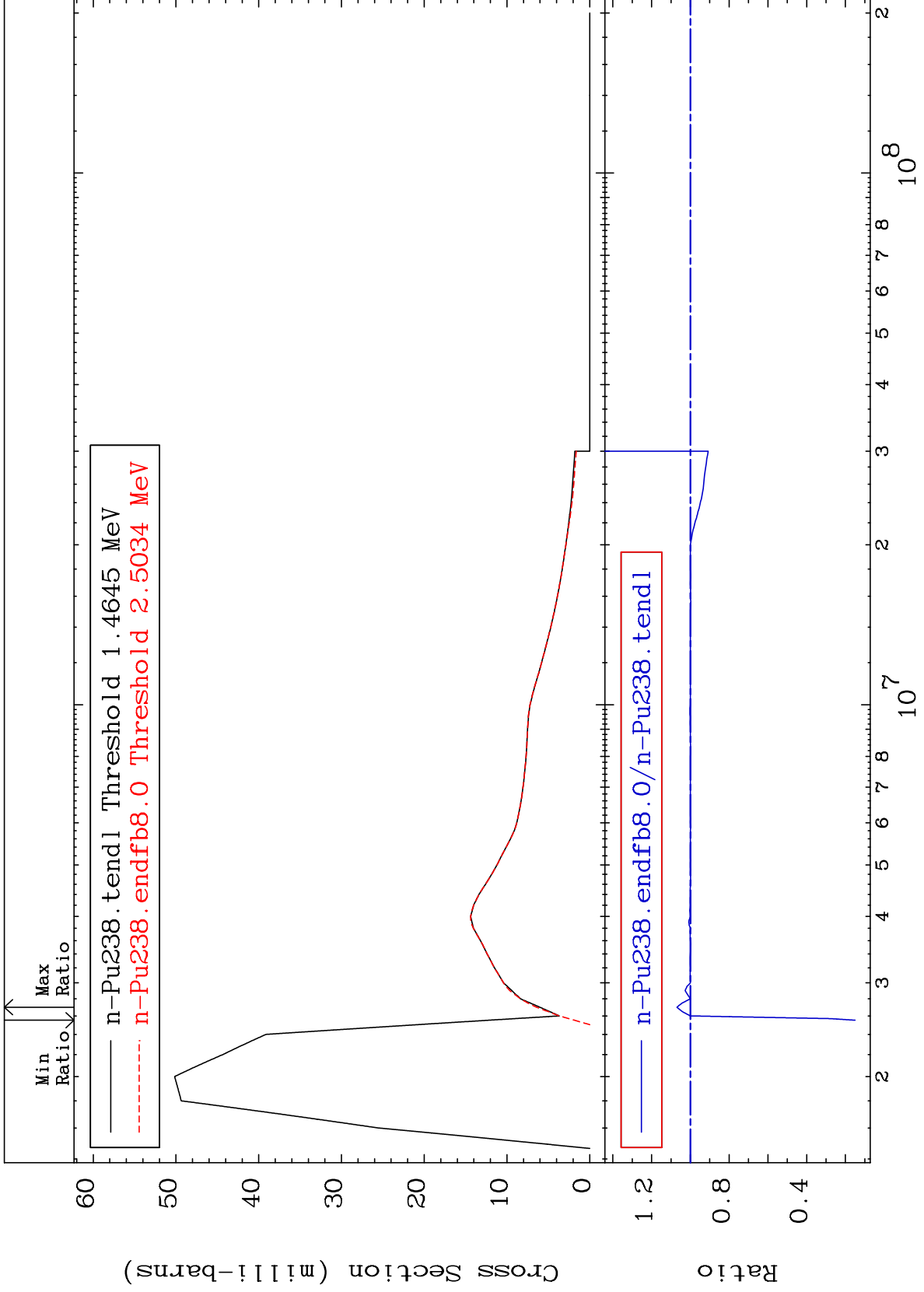
94-Pu-238
-99.05 To 1.960 %



MAT 9434

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

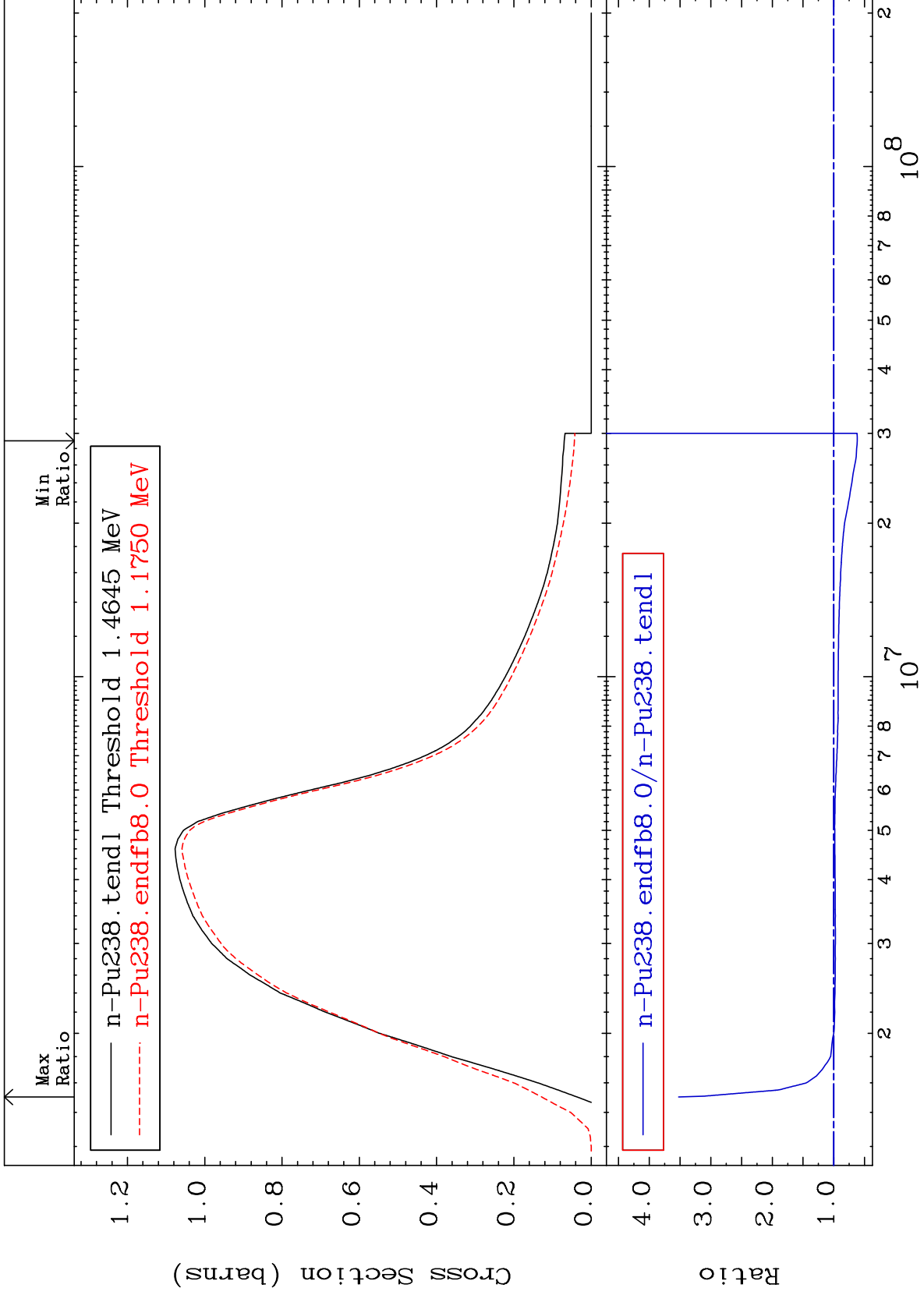
94-Pu-238
-84.98 To 6.940 %



MAT 9434

(n, n') Continuum
Cross Section

94-Pu-238
-38.06 To 252.2 %



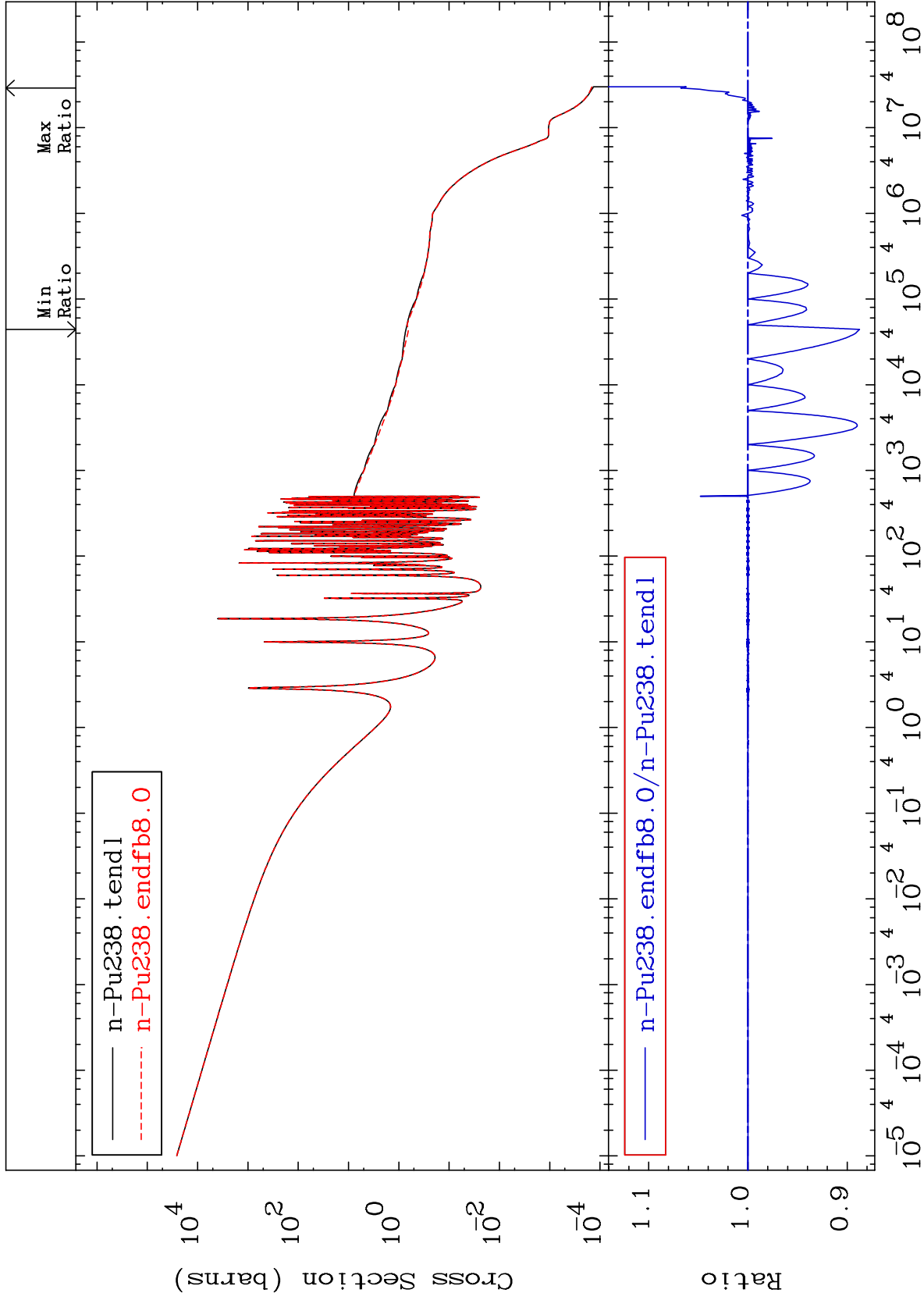
MAT 9434

(n, γ)

94-Pu-238

Cross Section

-11.24 To 6.764 %



43

Incident Energy (eV)

94-Pu-238

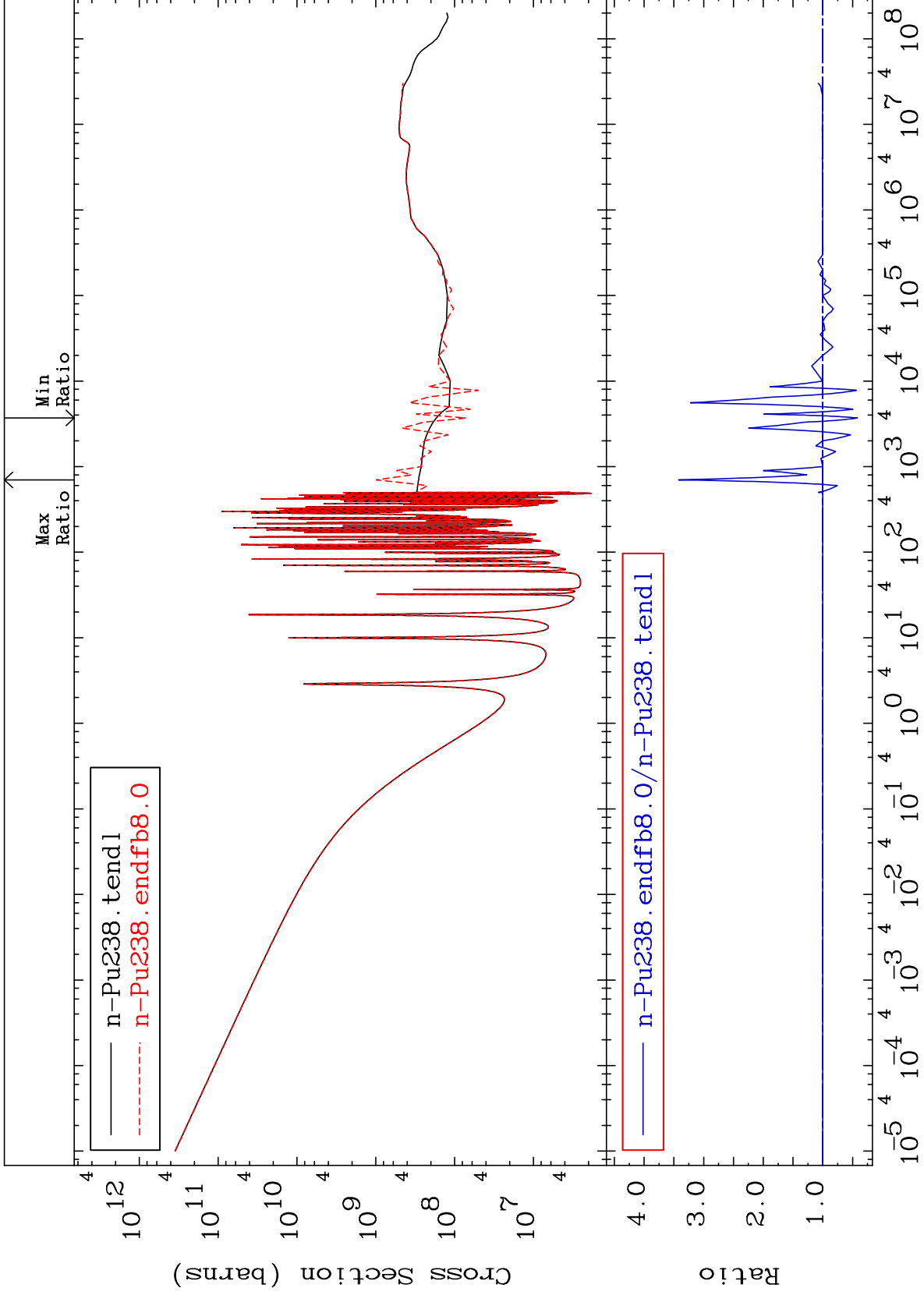
MAT 9434

Kerma total (eV-barns)

94-Pu-238

Cross Section

-57.84 To 242.0 %



44

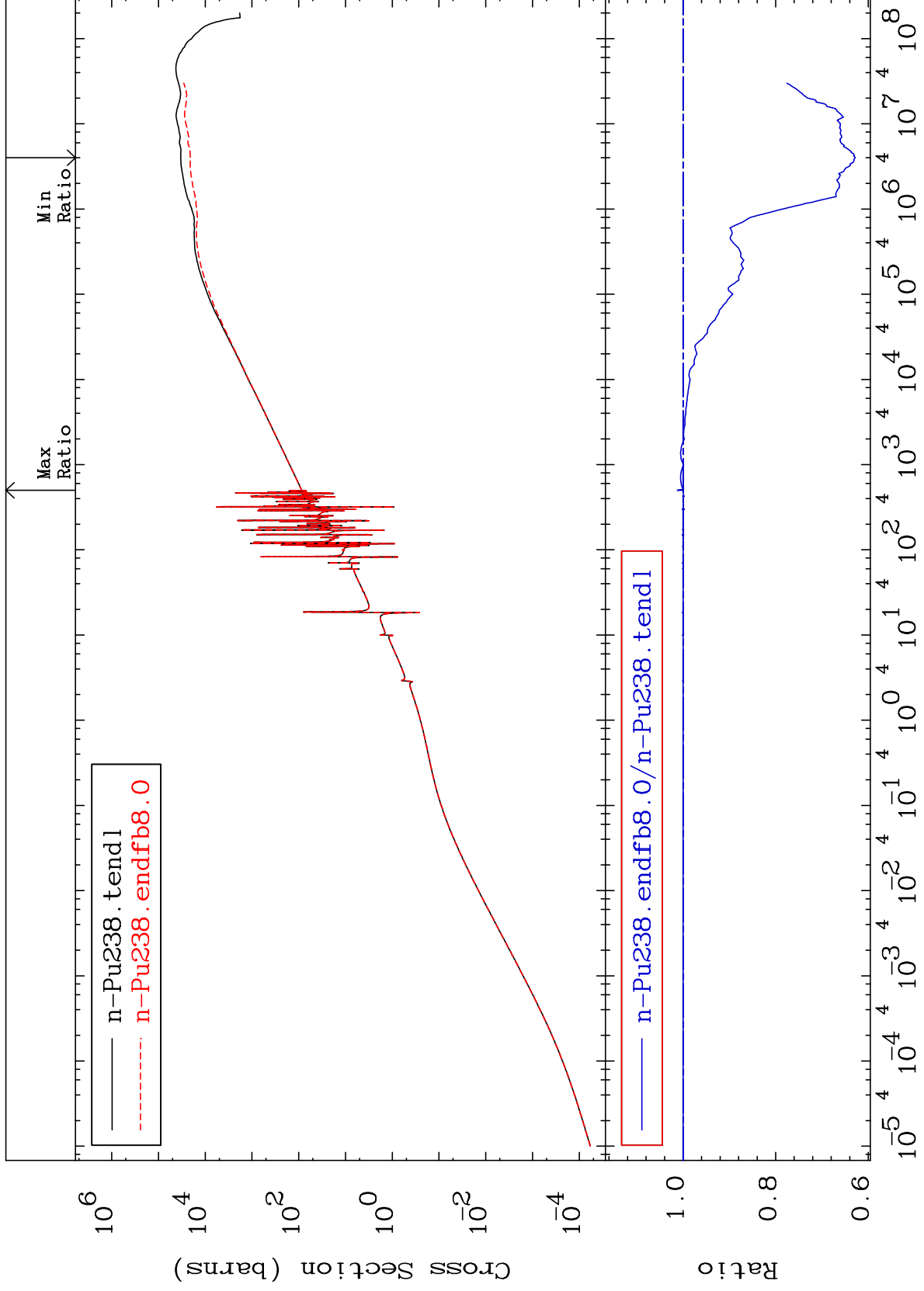
Incident Energy (eV)

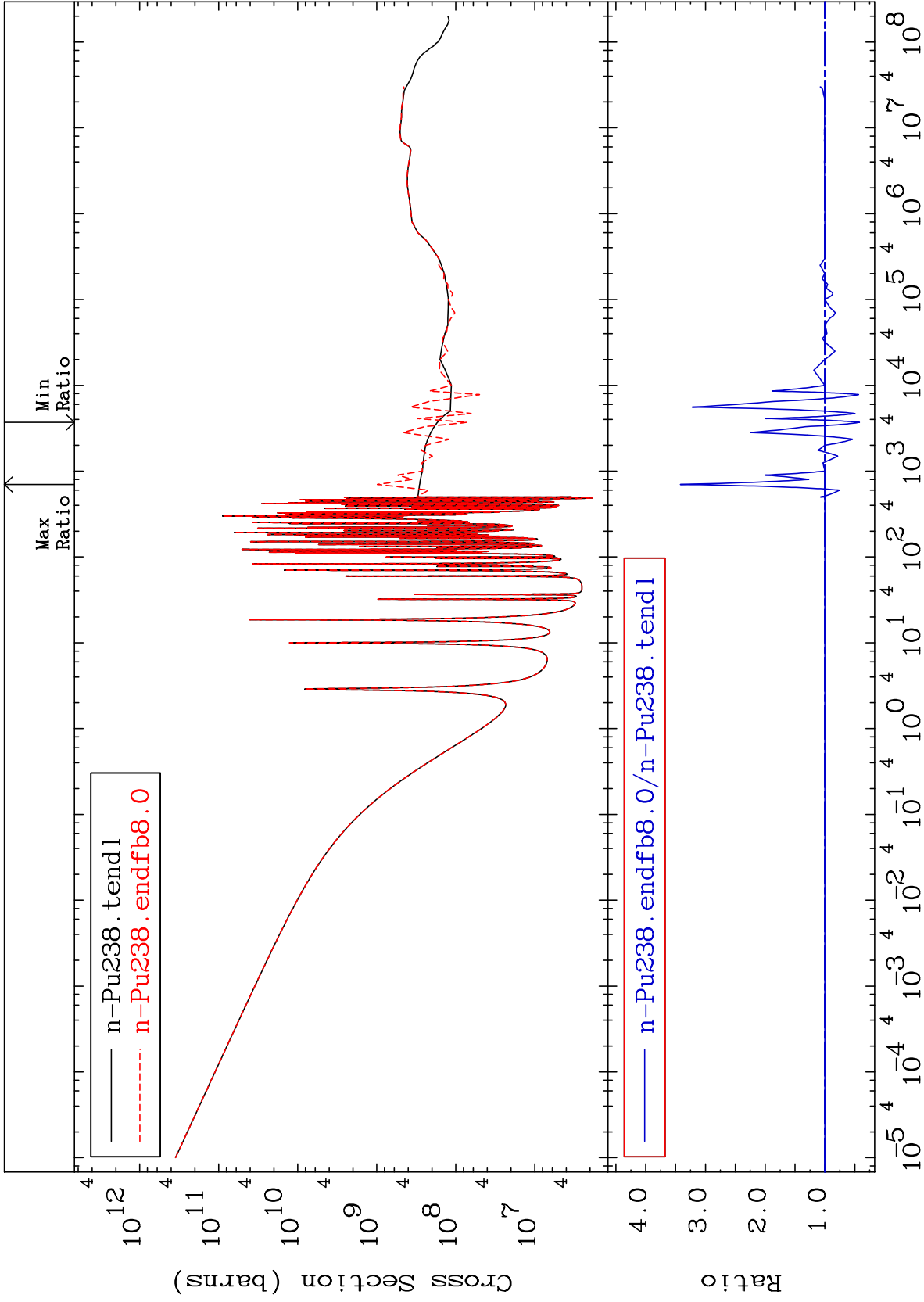
94-Pu-238

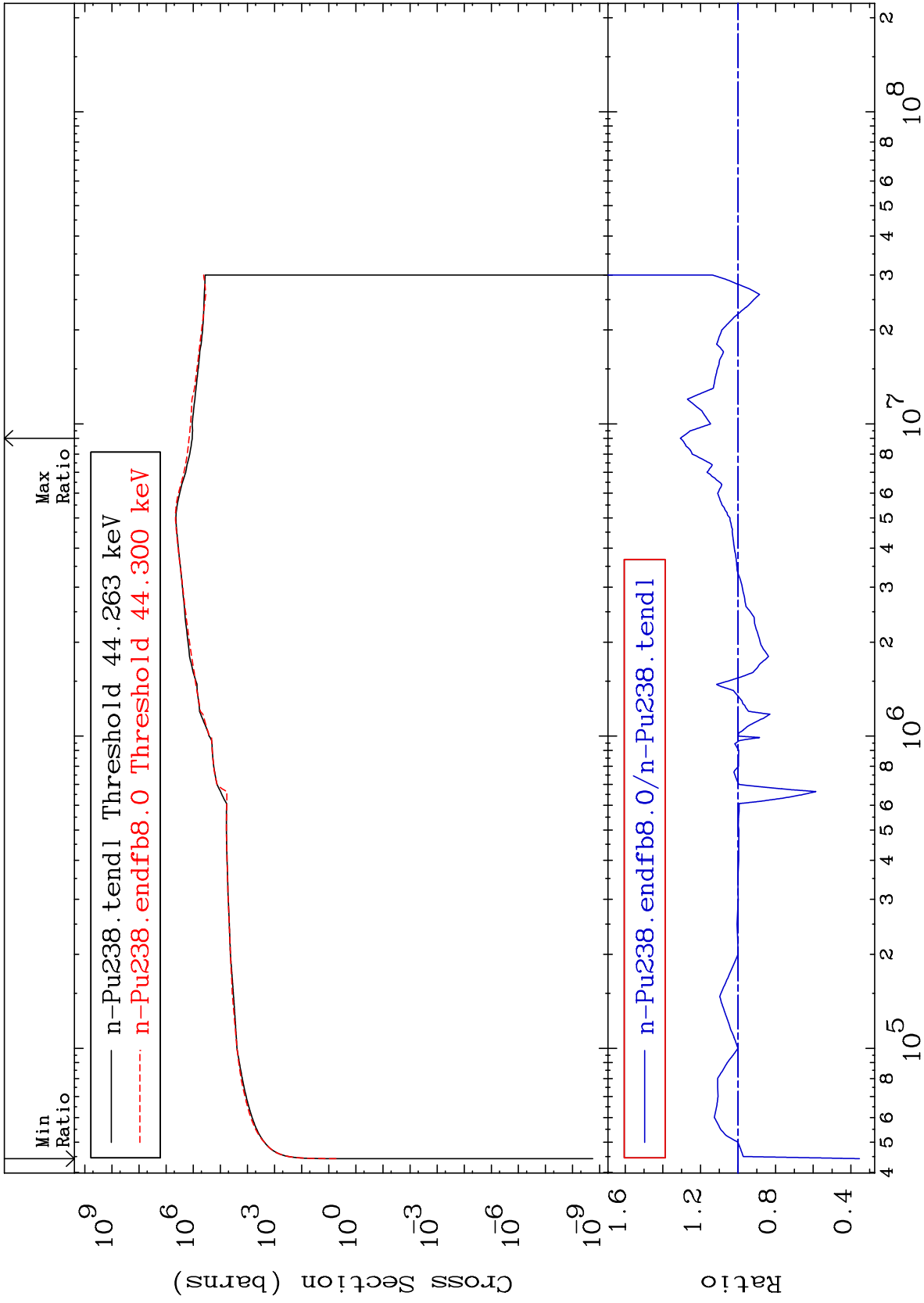
MAT 9434

Kerma elastic
Cross Section

94-Pu-238
-37.18 To 1.244 %



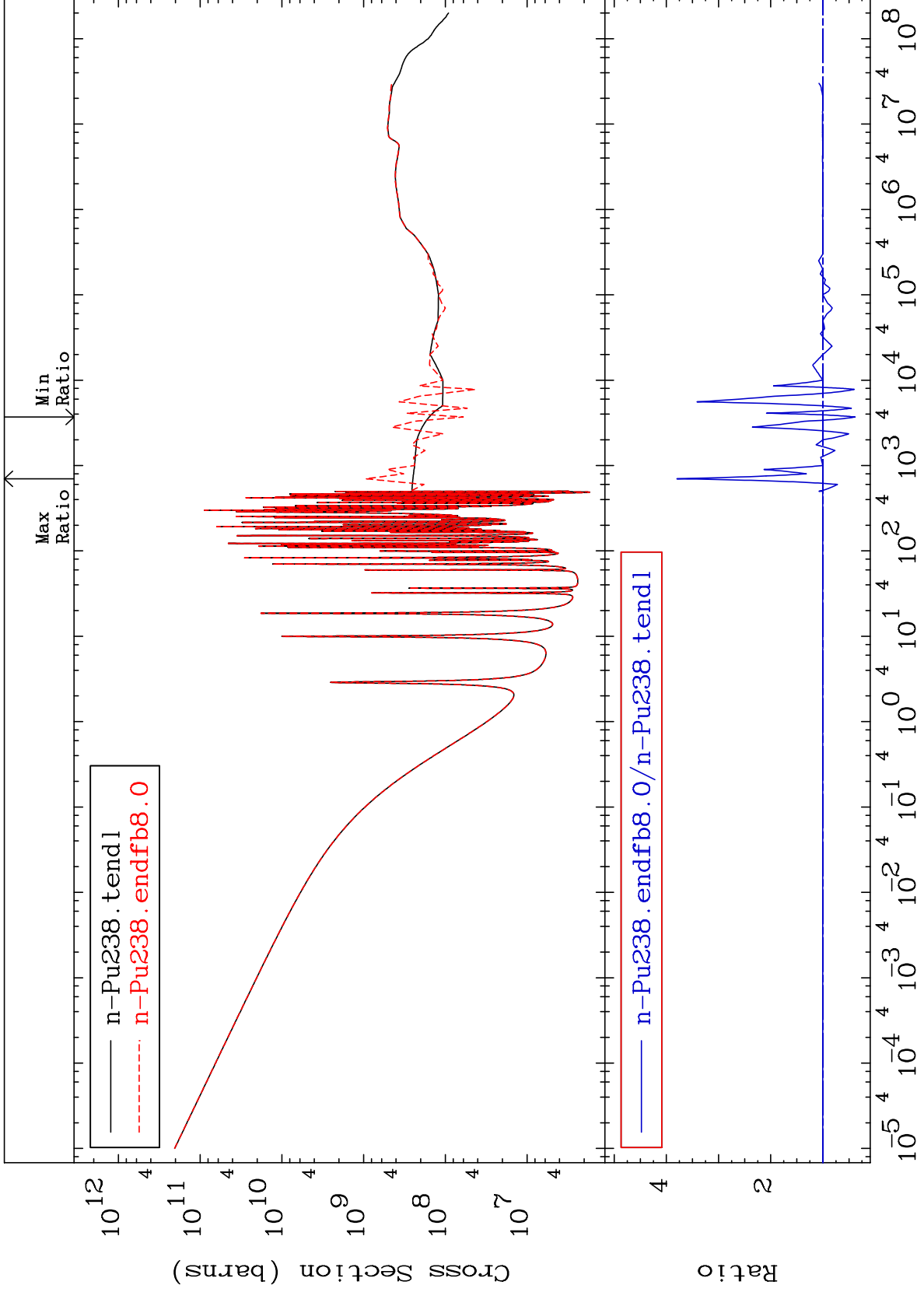




MAT 9434

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

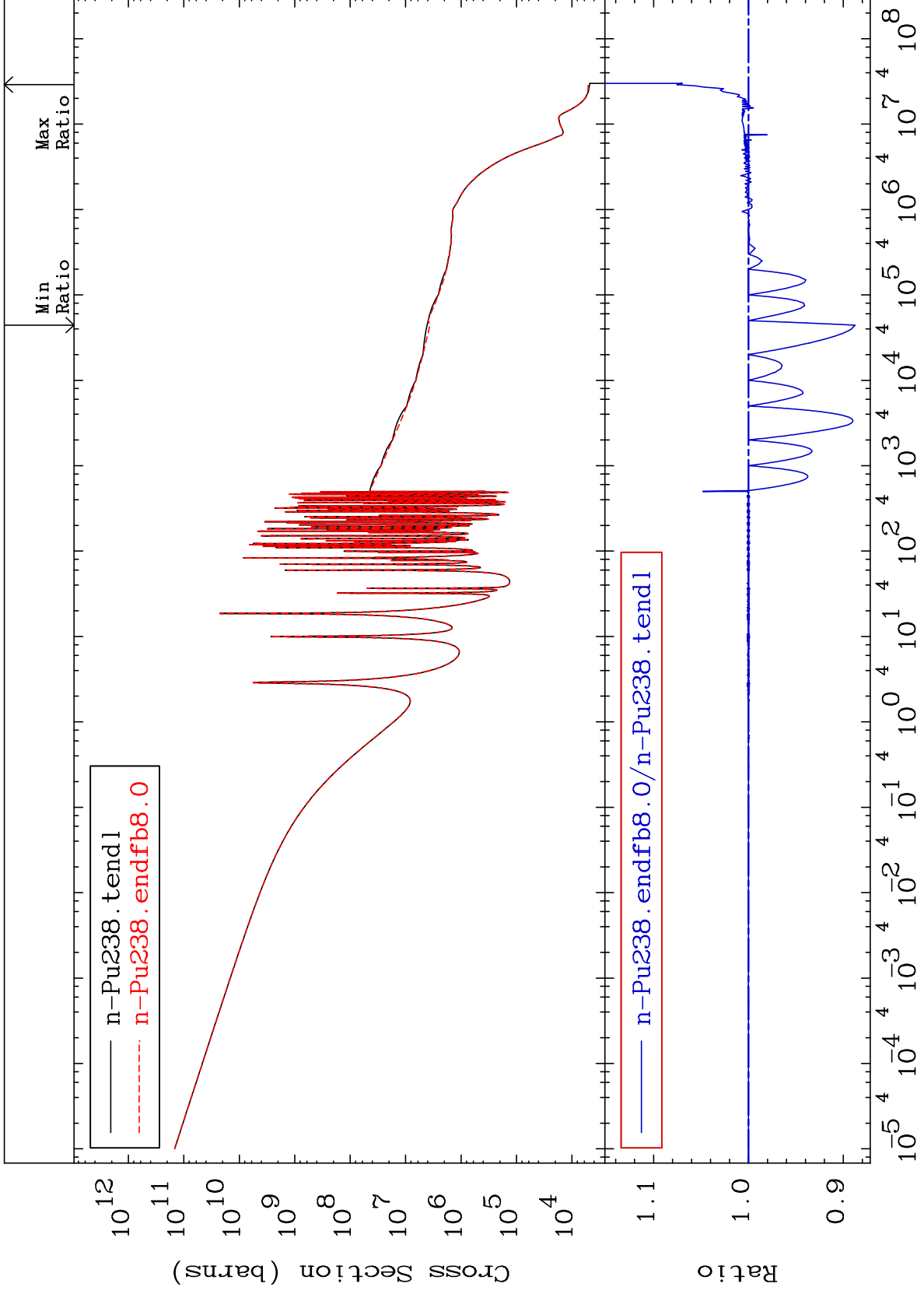
94-Pu-238
-61.70 To 279.8 %



MAT 9434

Kerma capture (mt102)
Cross Section

94-Pu-238
-11.24 To 7.542 %



49

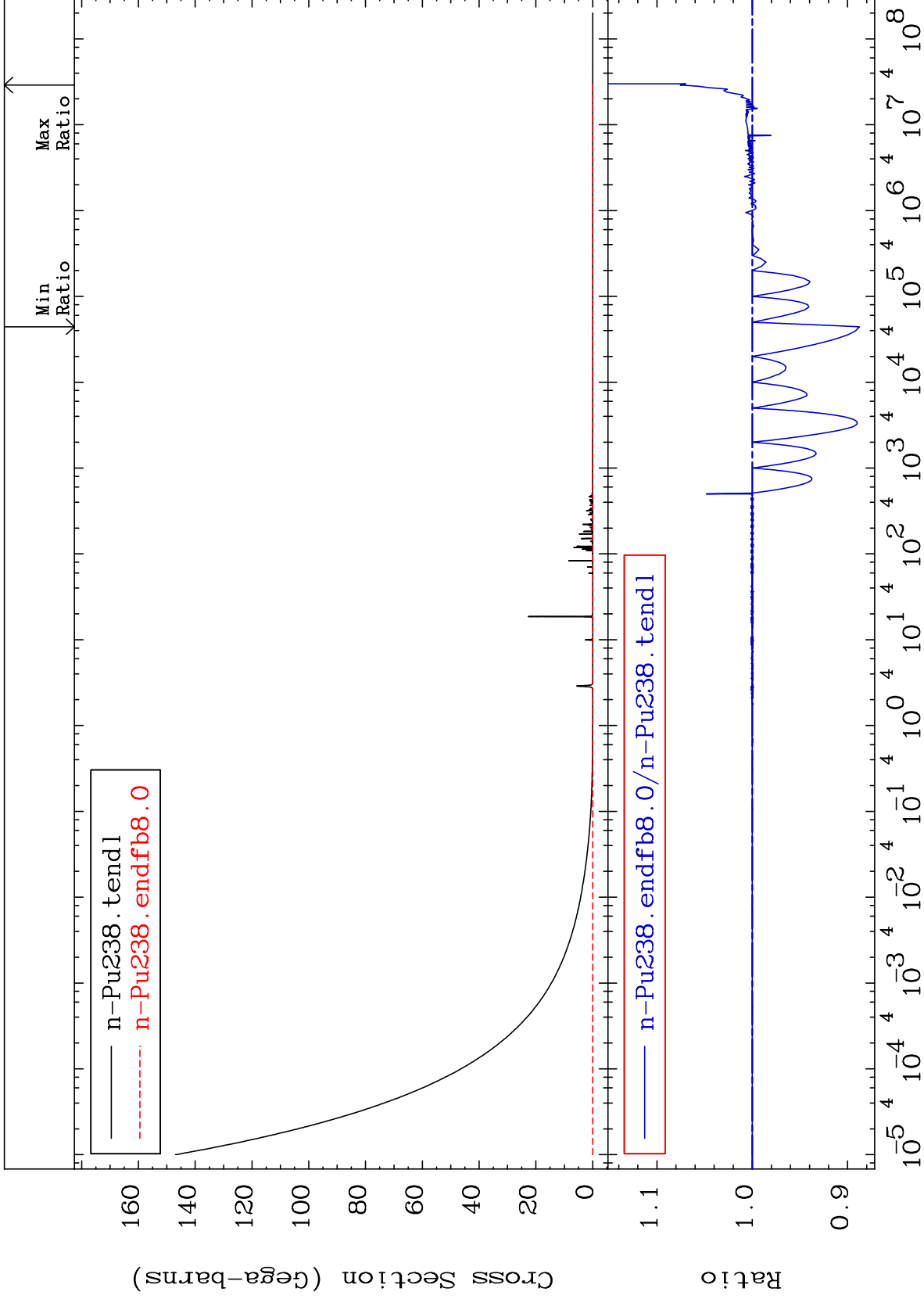
Incident Energy (eV)

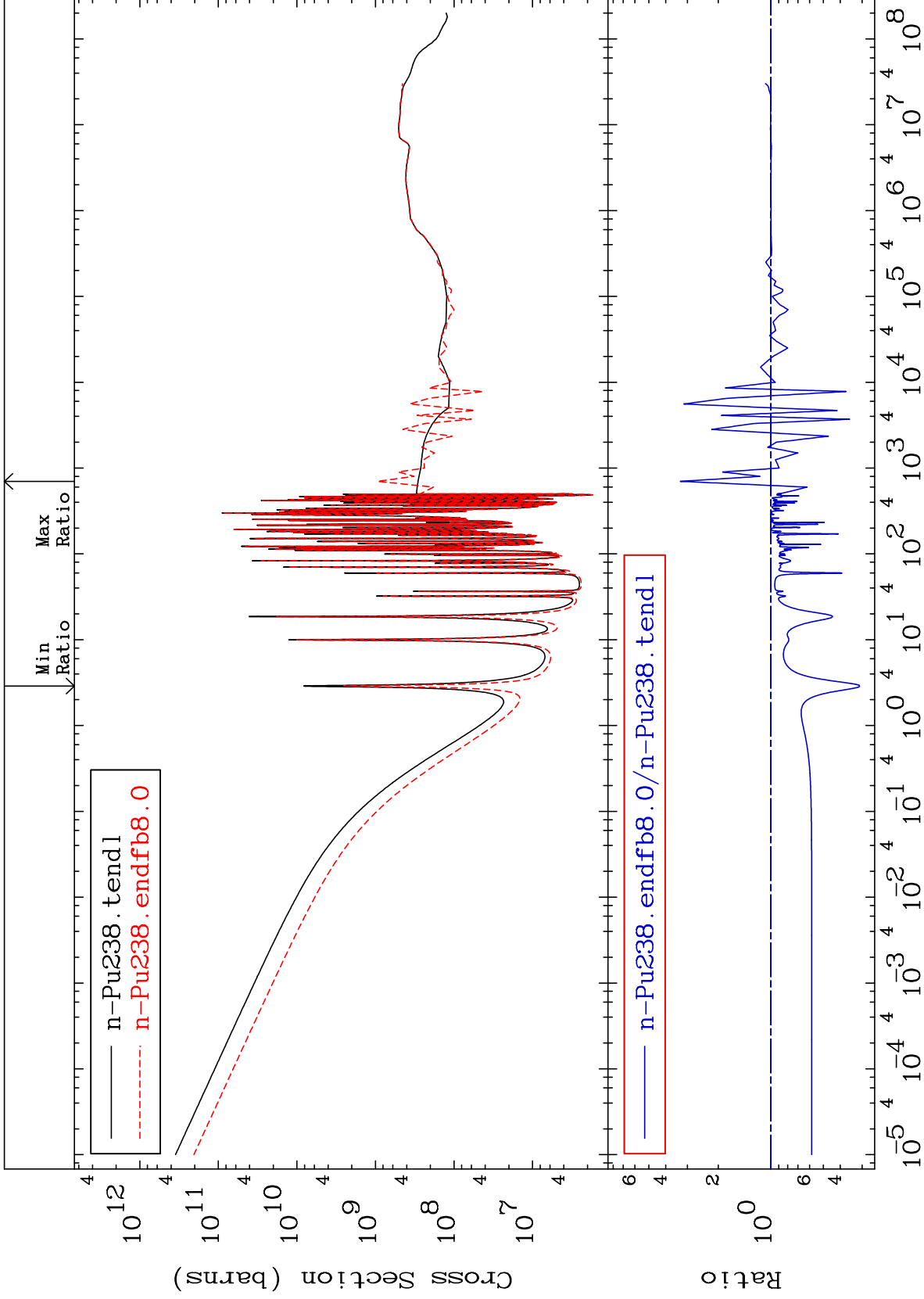
94-Pu-238

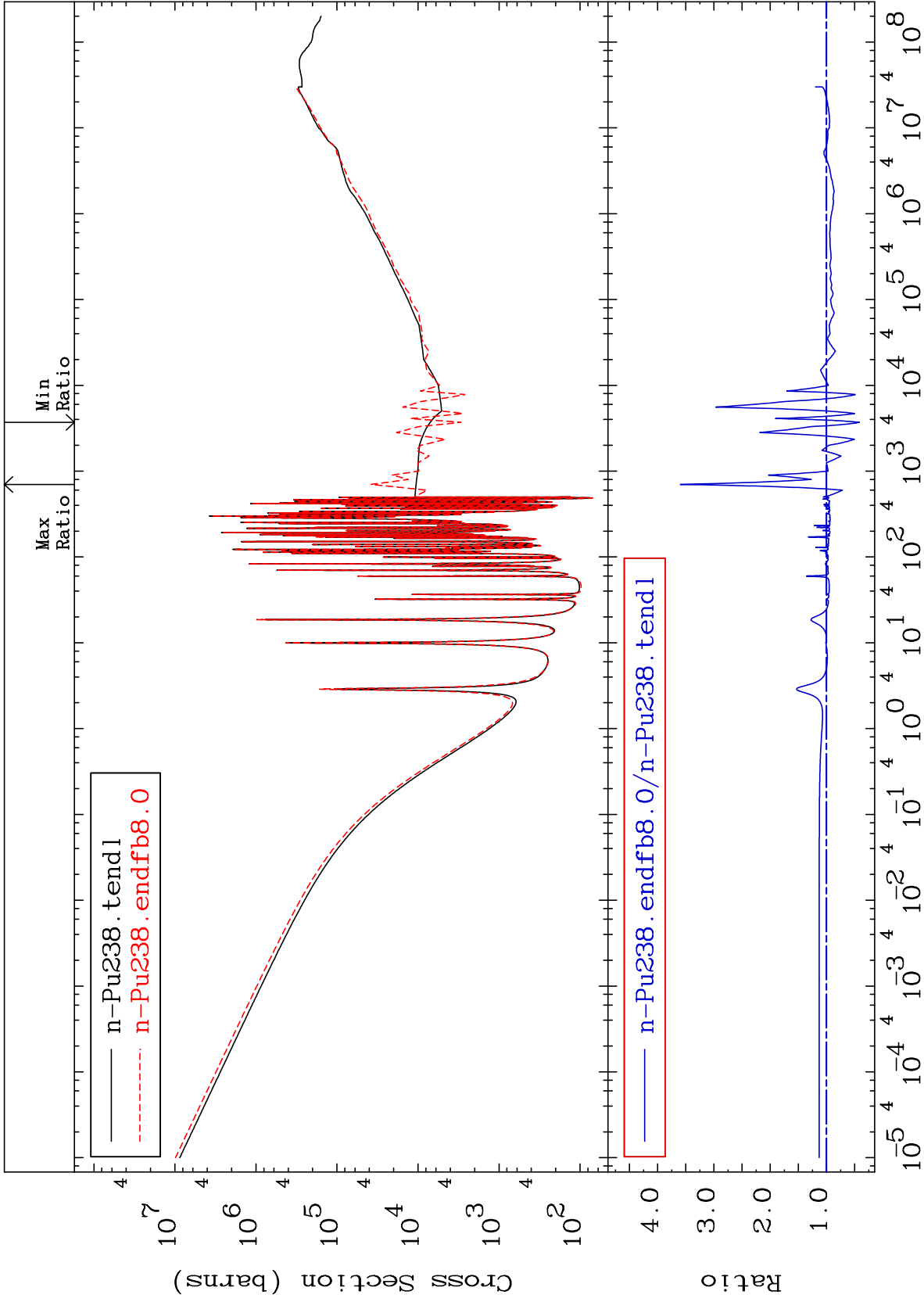
MAT 9434

Total photon (eV-barns)
Cross Section

94-Pu-238
-11.24 To 7.542 %



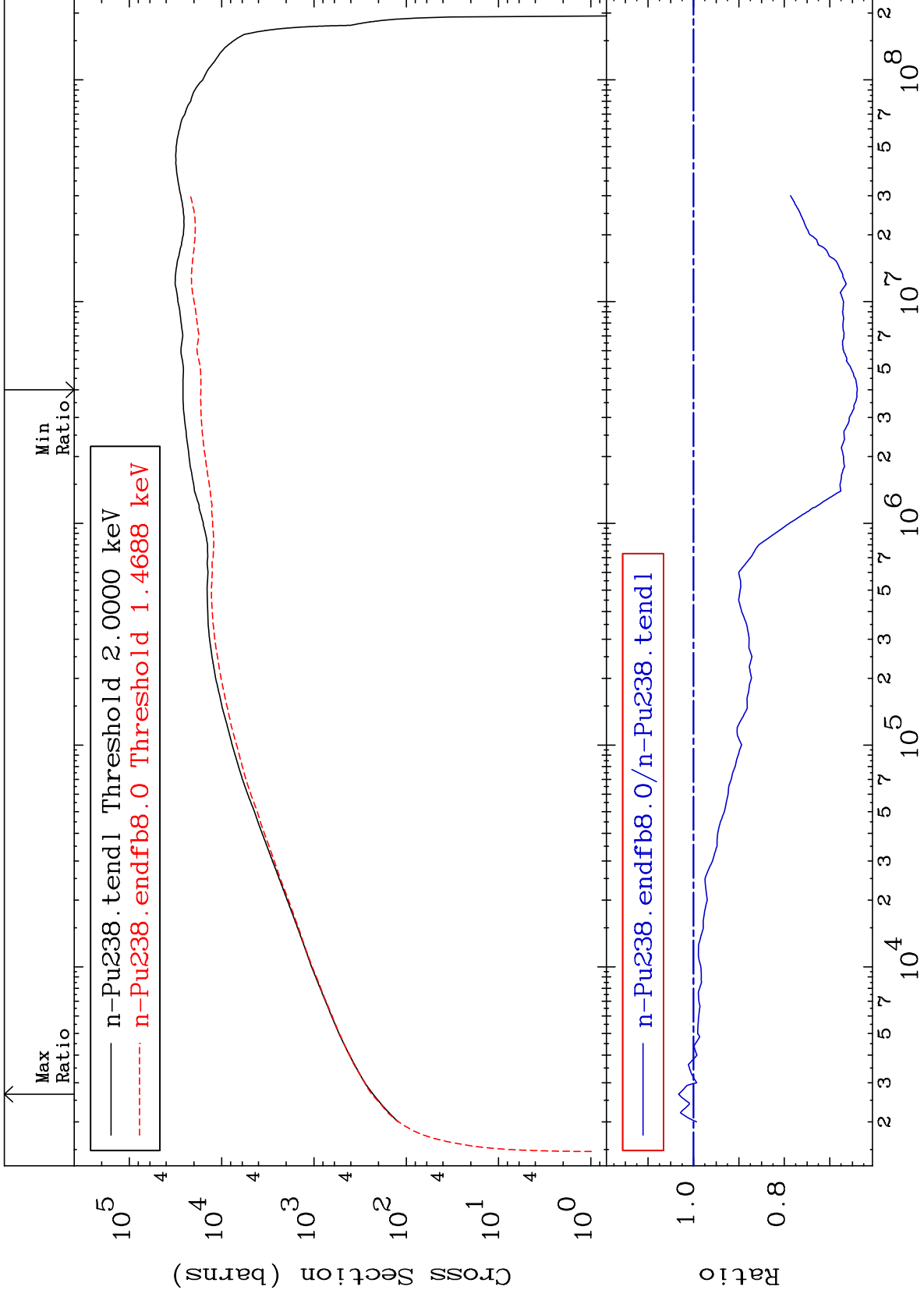




MAT 9434

Dpa elastic (mt2)
Cross Section

94-Pu-238
-36.06 To 3.265 %



MAT 9434

Dpa disappearance (mt102 -120)
Cross Section

94-Pu-238
-99.73 To 9999. %

