

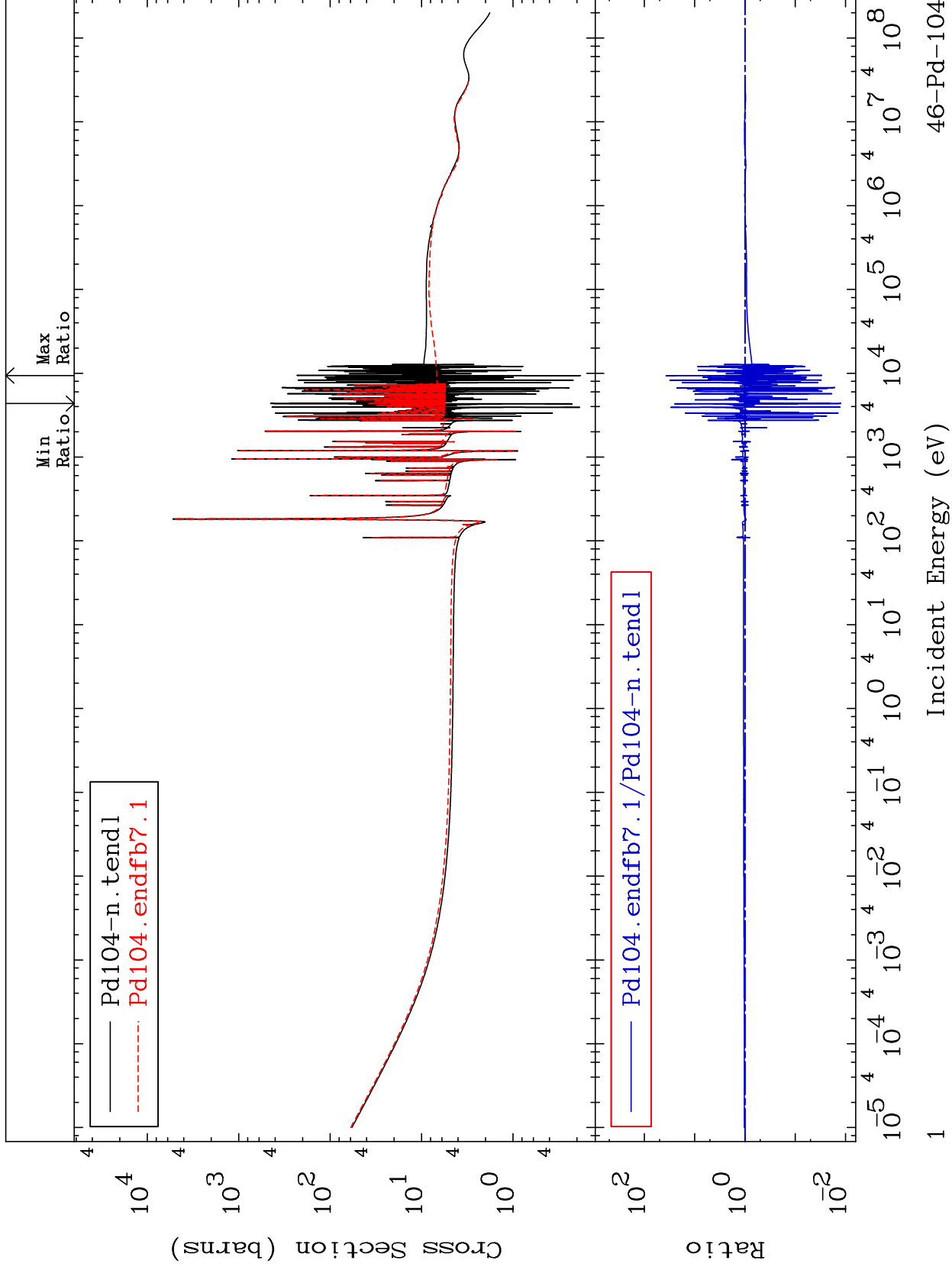
MAT 4631

Total

46-Pd-104

Cross Section

-98.76 To 3626. %

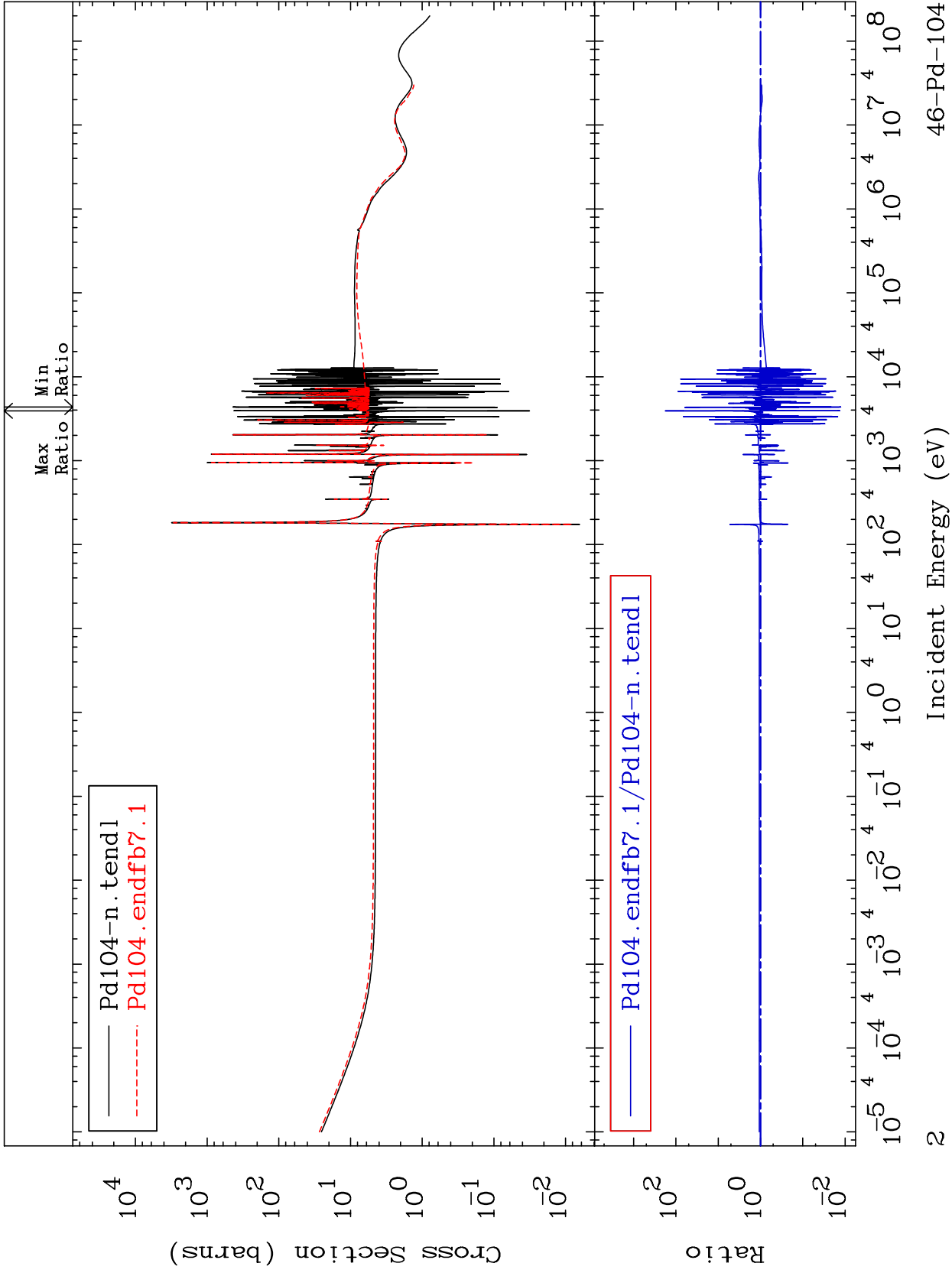


46-Pd-104

MAT 4631

Elastic
Cross Section

46-Pd-104
-98.73 To 9999. %



46-Pd-104

Incident Energy (eV)

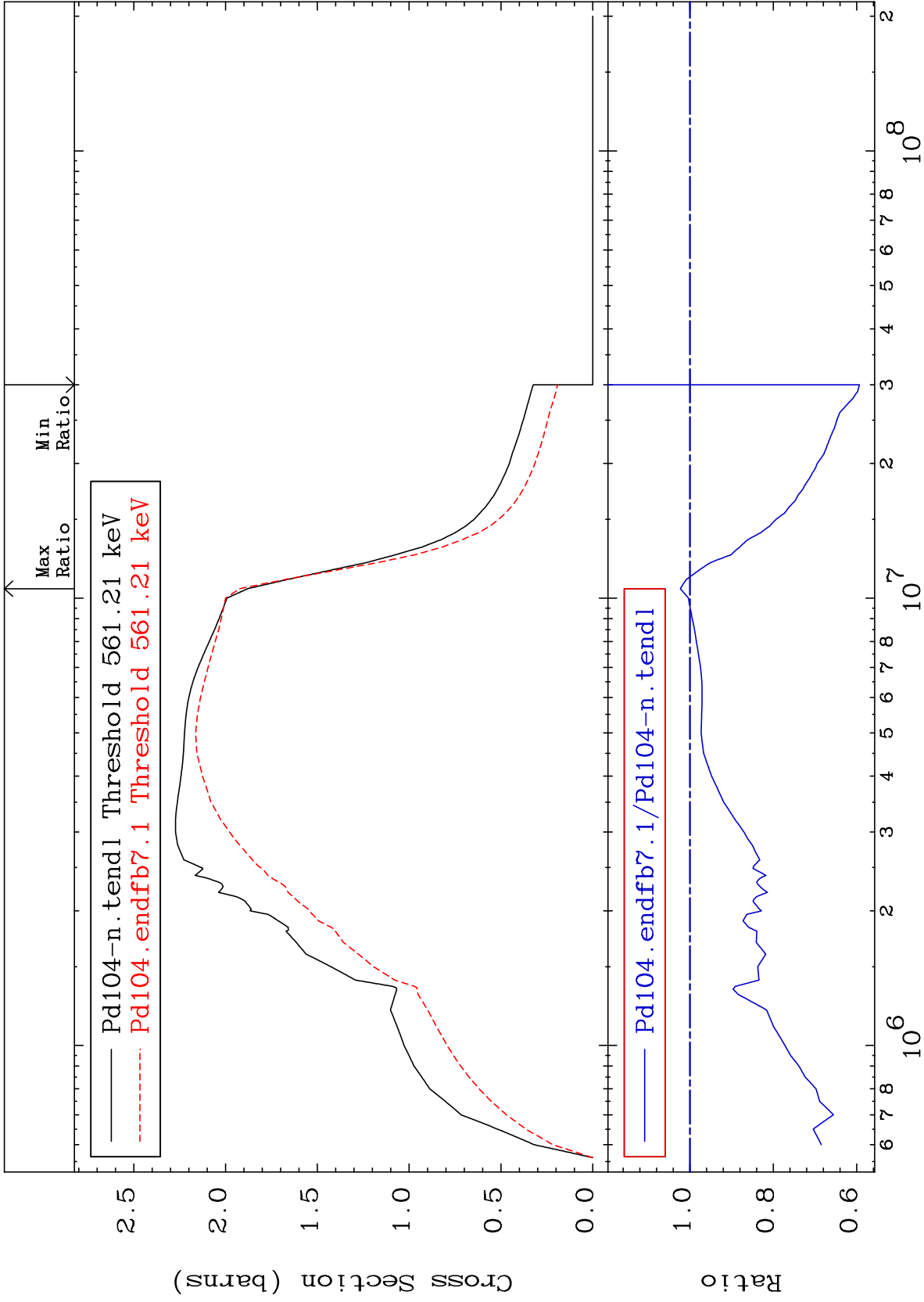
2

MAT 4631

46-Pd-104

Inelastic
Cross Section

-40.67 To 2.275 %



3

Incident Energy (eV)

46-Pd-104

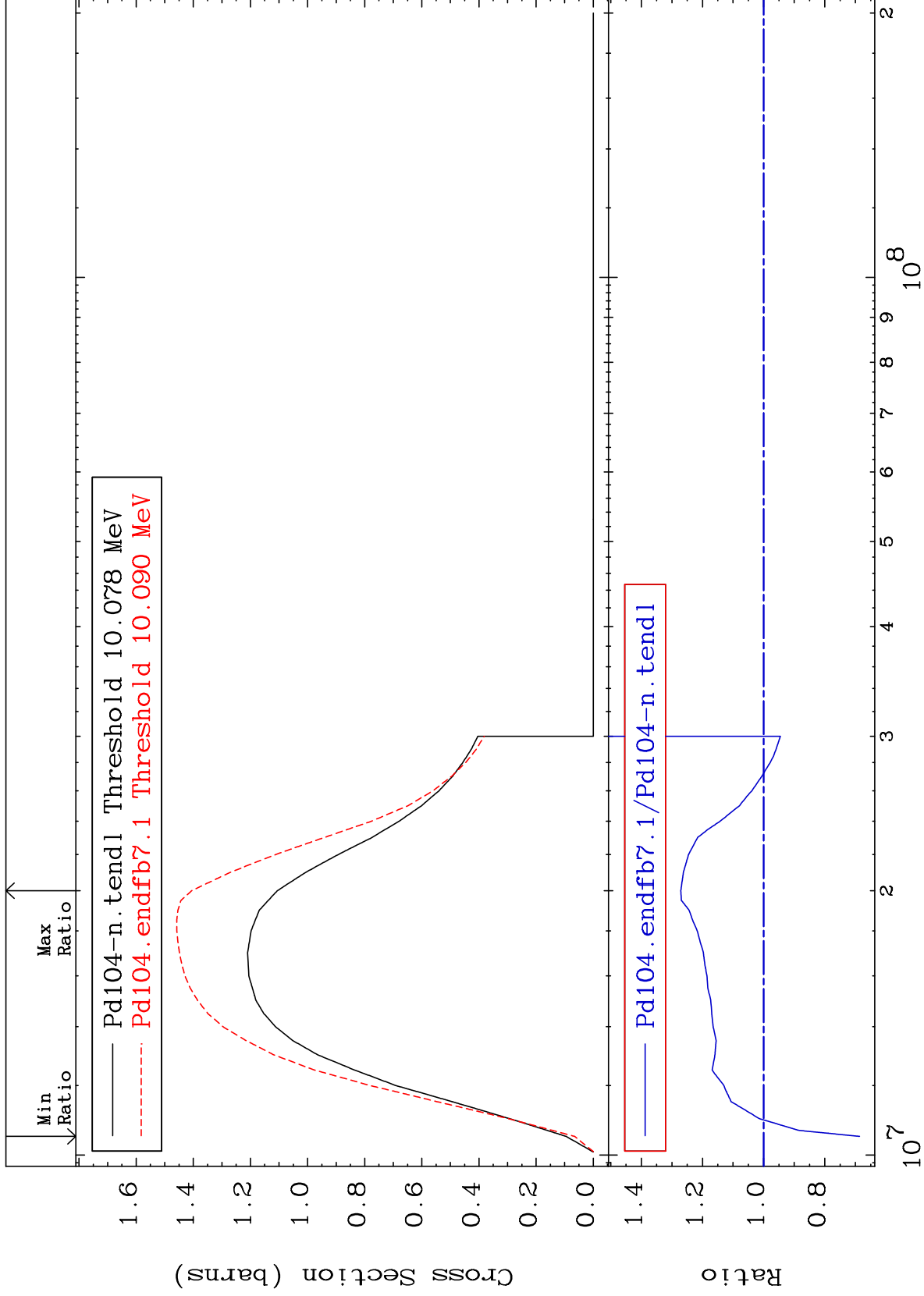
MAT 4631

(n,2n)

46-Pd-104

Cross Section

-31.36 To 27.10 %



46-Pd-104

46-Pd-104

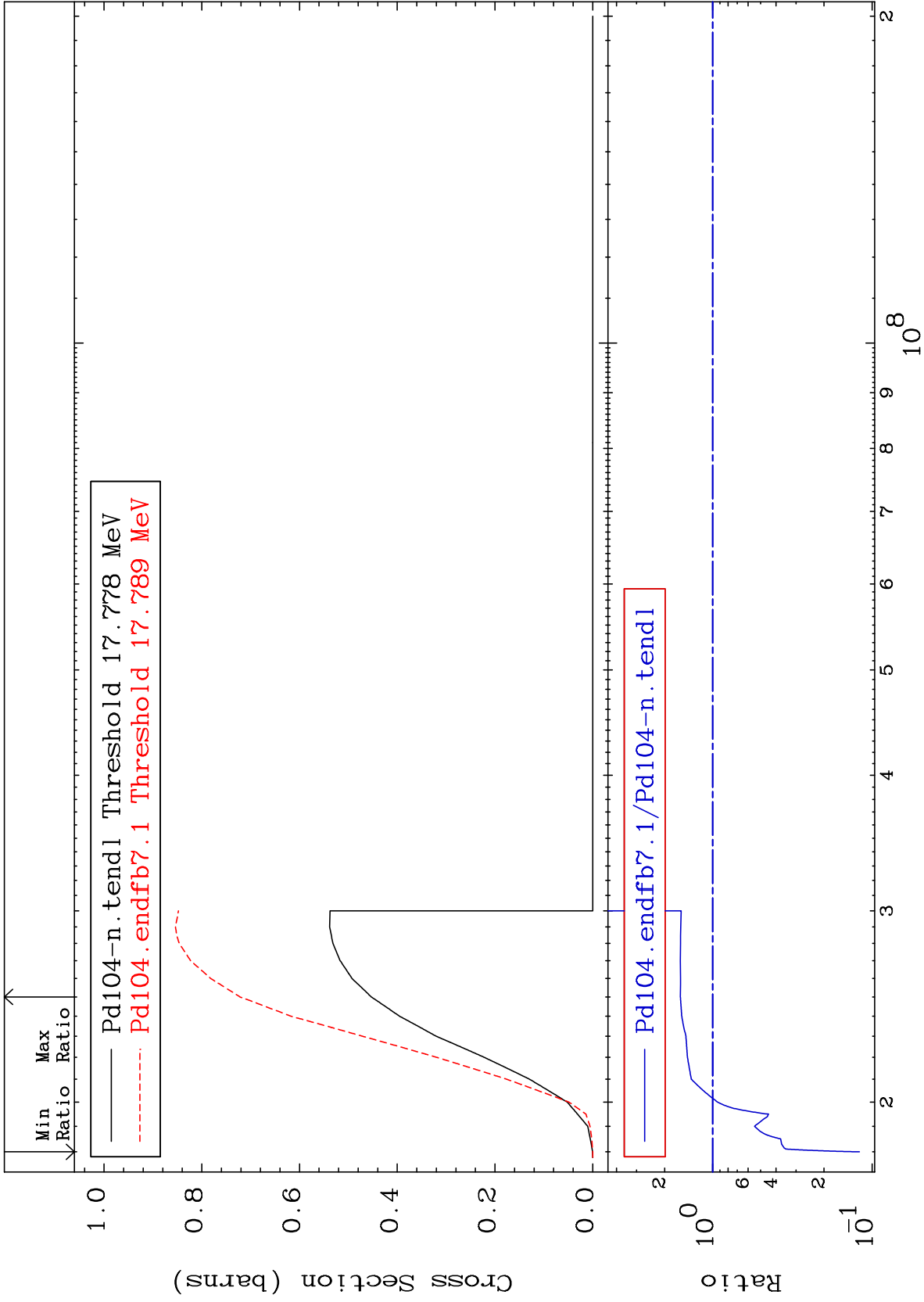
MAT 4631

(n,3n)

46-Pd-104

Cross Section

-88.00 To 59.30 %



5

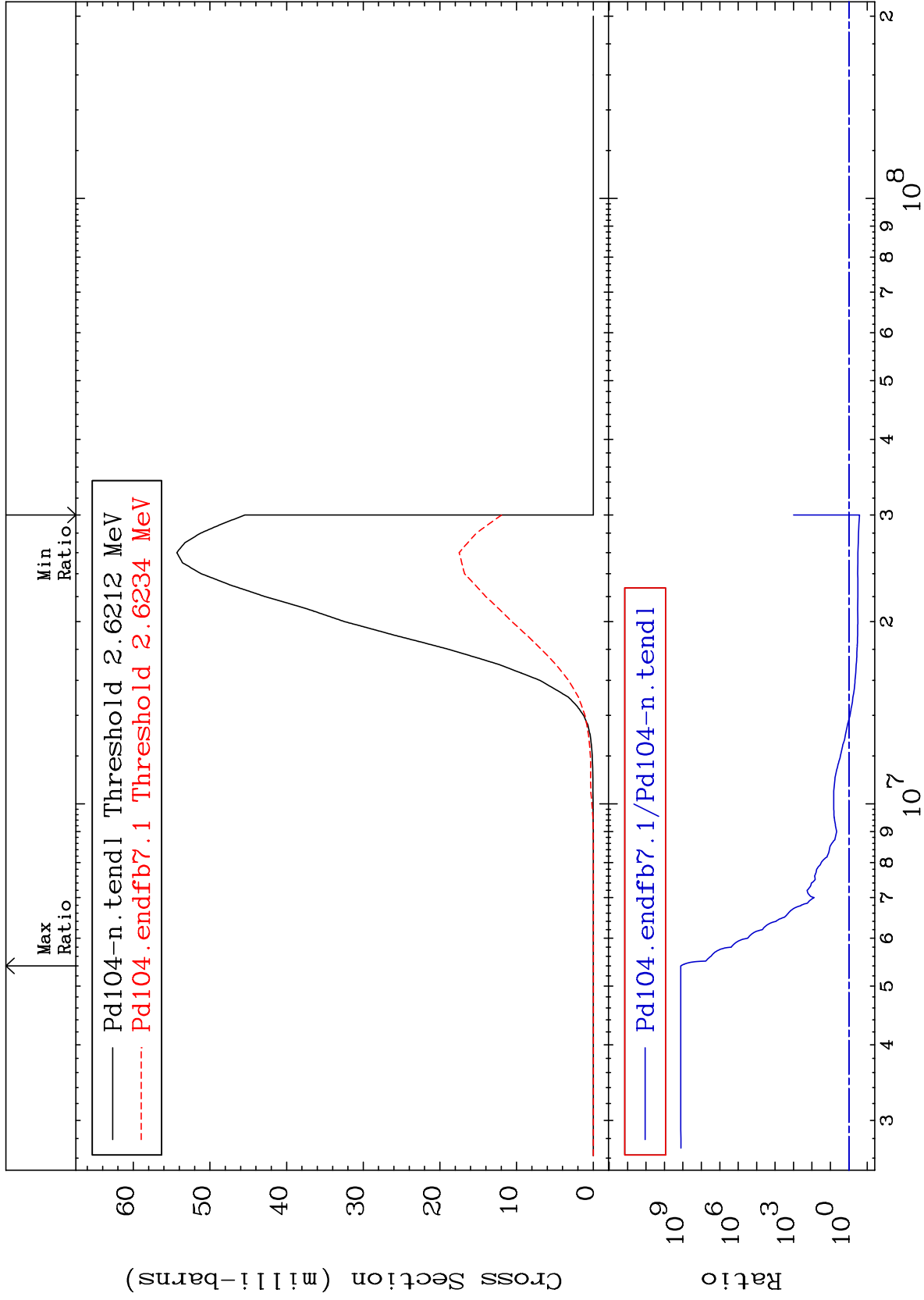
46-Pd-104

46-Pd-104

MAT 4631

(n, n') α
Cross Section

46-Pd-104
-73.70 To 9999. %



6

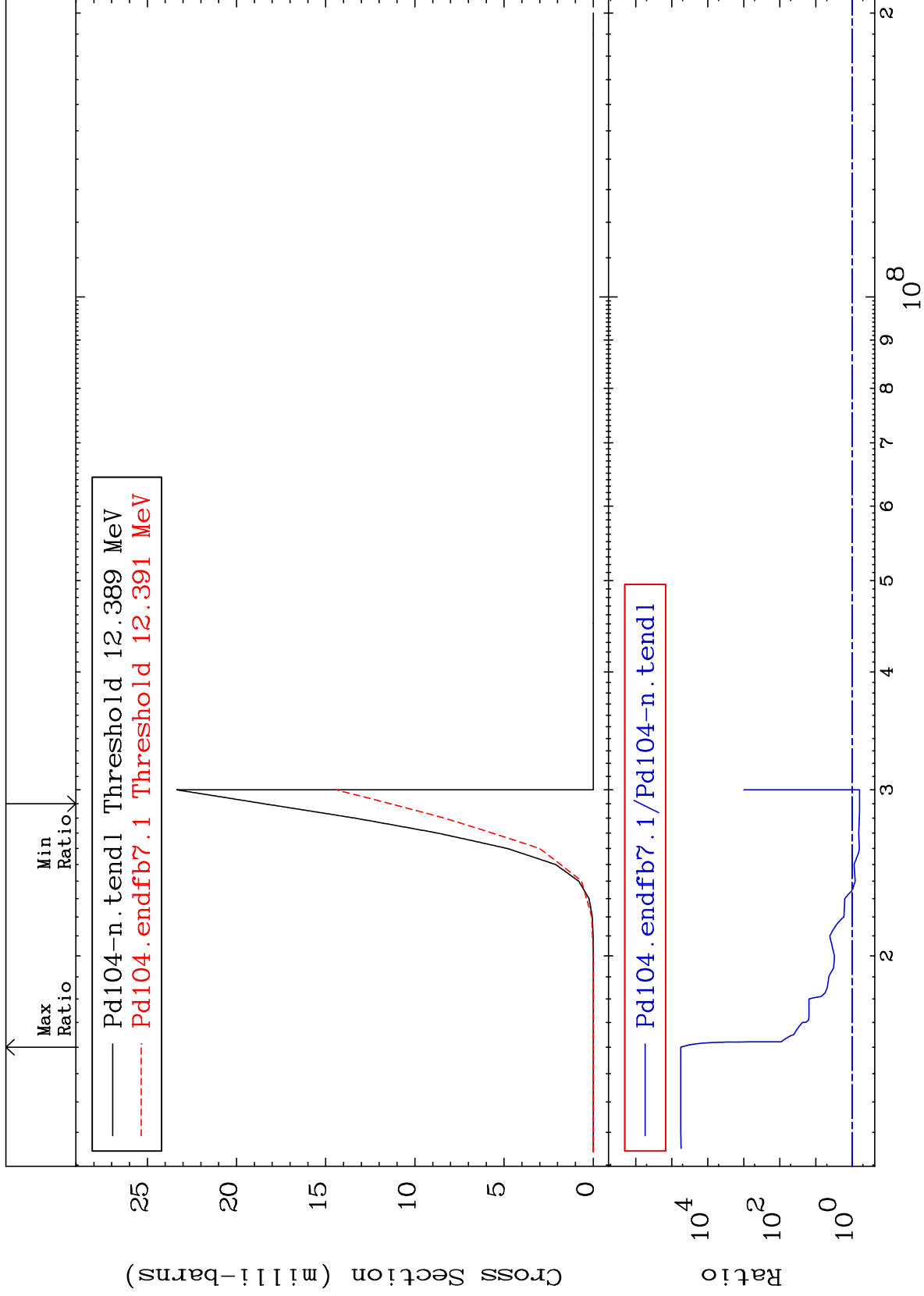
Incident Energy (eV)

46-Pd-104

MAT 4631

(n,2n) α
Cross Section

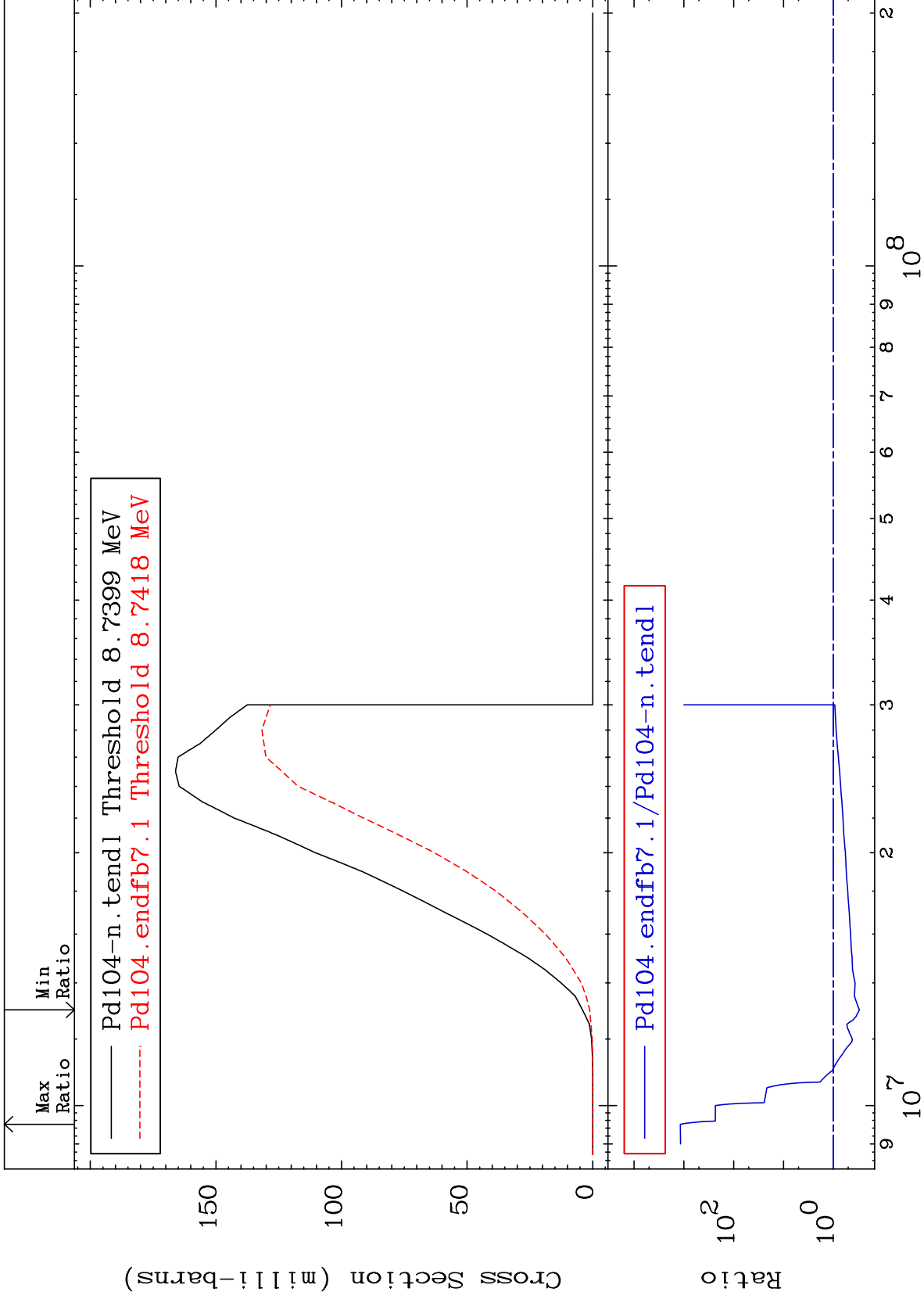
46-Pd-104
-38.39 To 9999. %



MAT 4631

(n,n') p
Cross Section

46-Pd-104
-70.22 To 9999. %



8

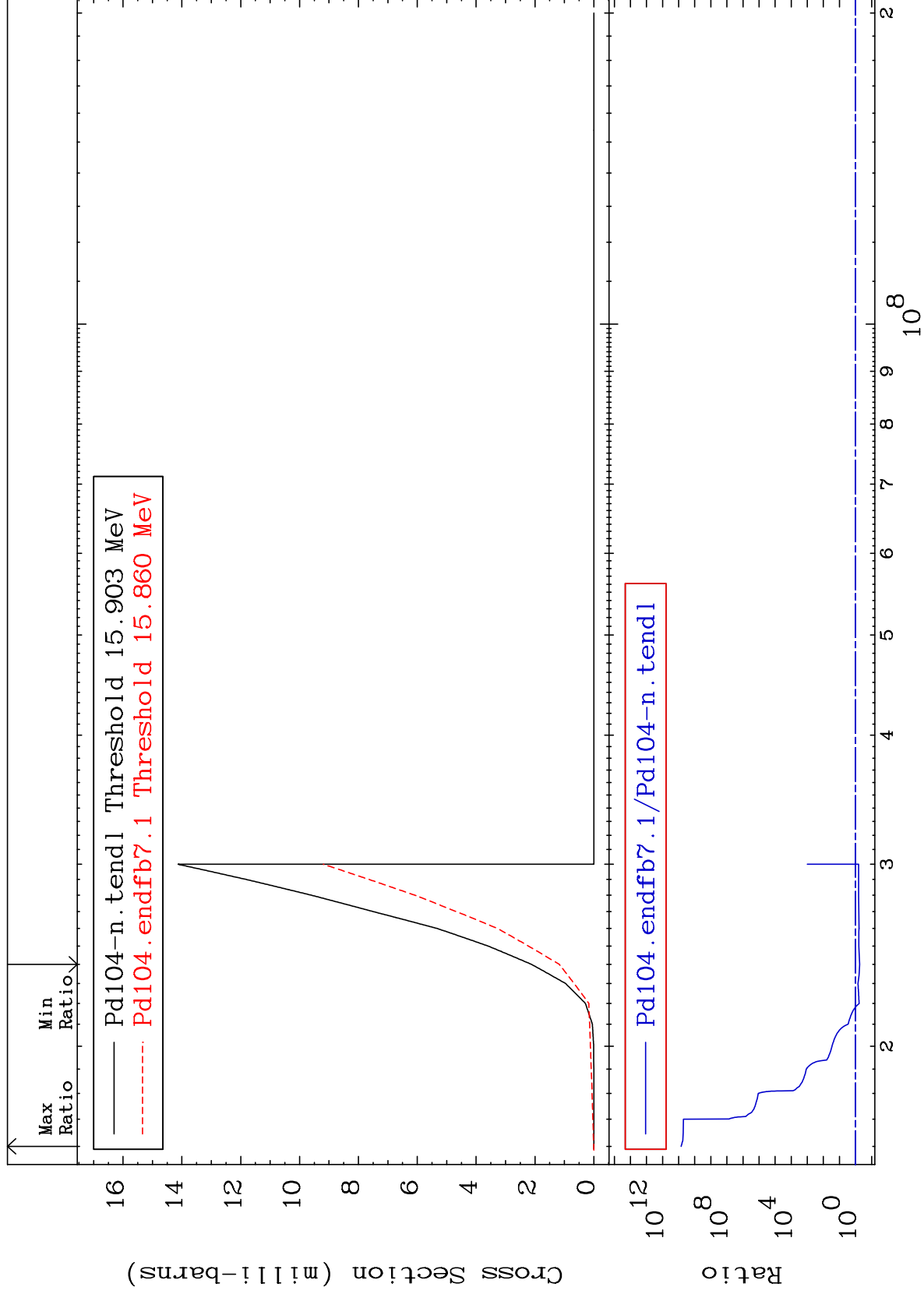
Incident Energy (eV)

46-Pd-104

MAT 4631

(n,n') d
Cross Section

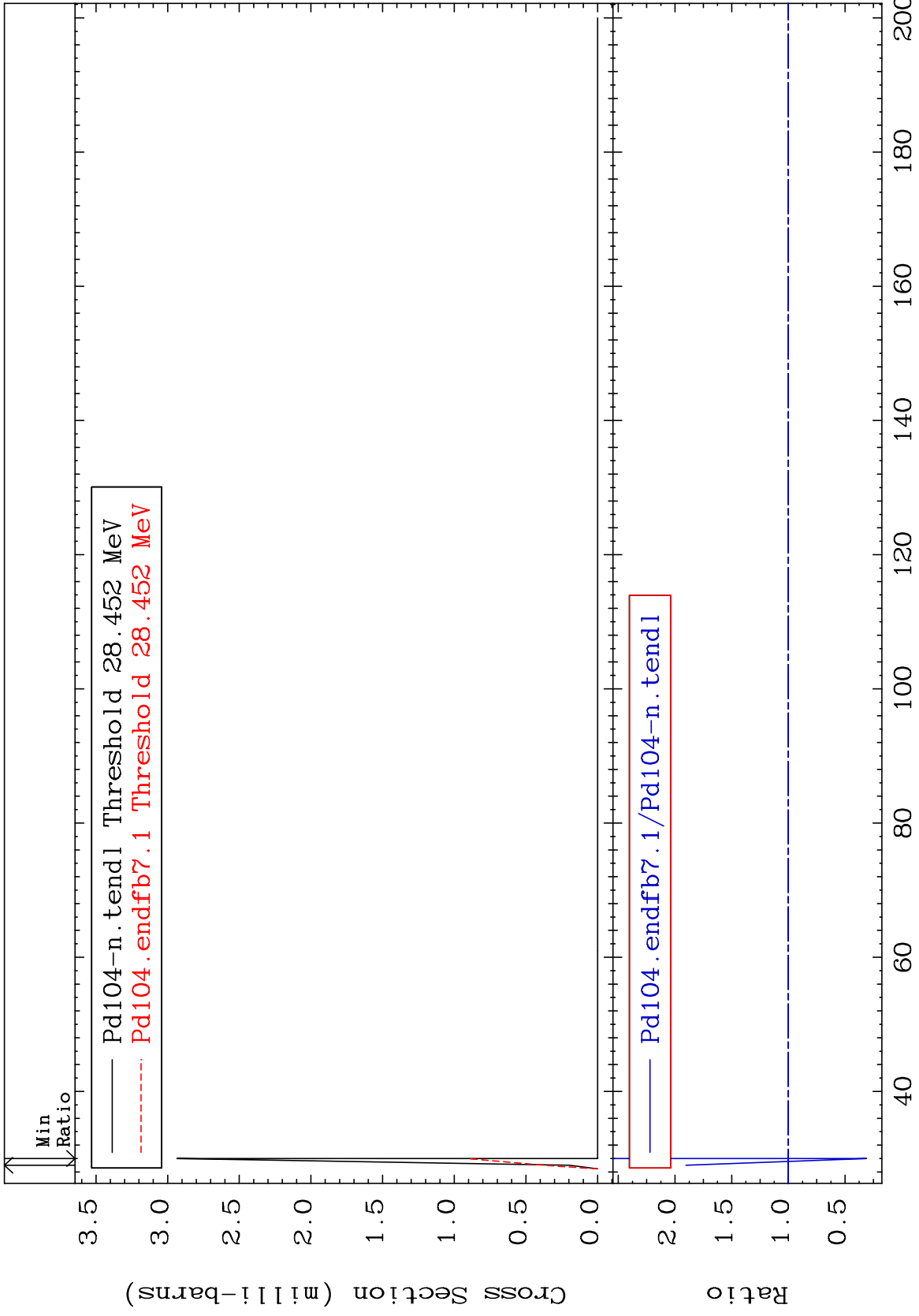
46-Pd-104
-44.62 To 9999. %



MAT 4631

(n,4n)
Cross Section

46-Pd-104
-68.91 To 90.34 %



10

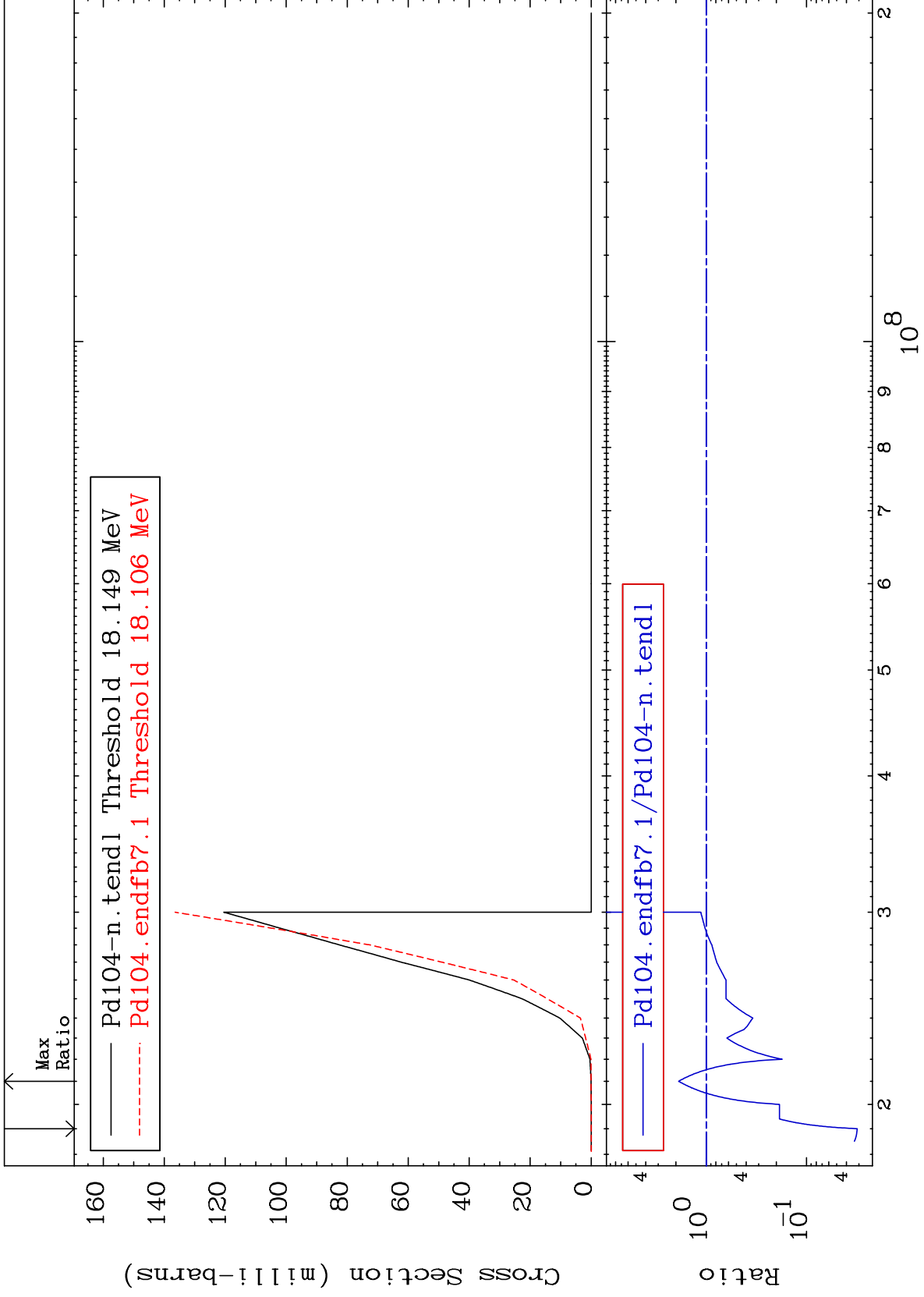
Incident Energy (MeV)

46-Pd-104

MAT 4631

(n,2n) p
Cross Section

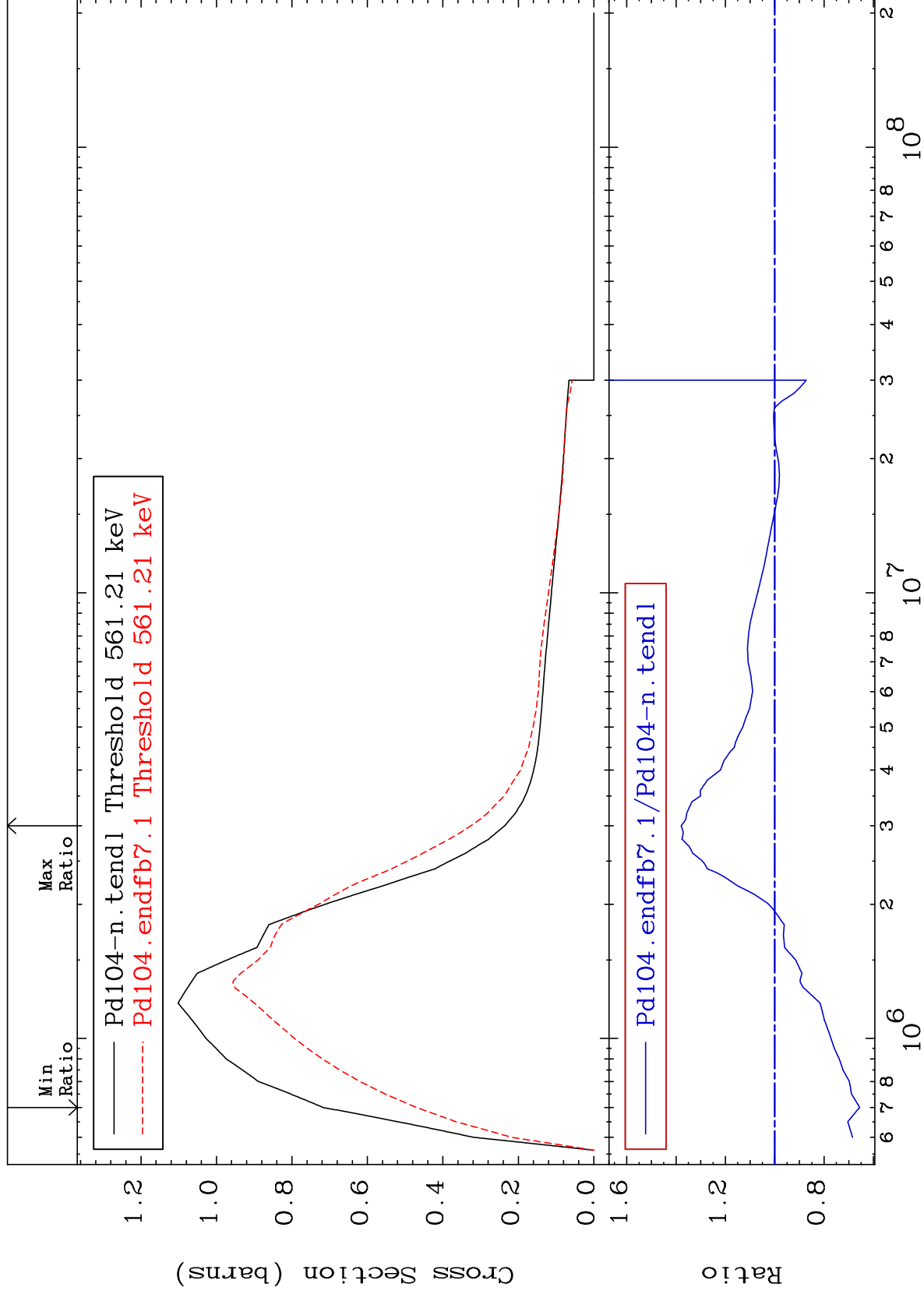
46-Pd-104
-96.88 To 88.17 %



MAT 4631

555.8 keV (n,n') Level
Cross Section

46-Pd-104
-34.42 To 37.94 %



12

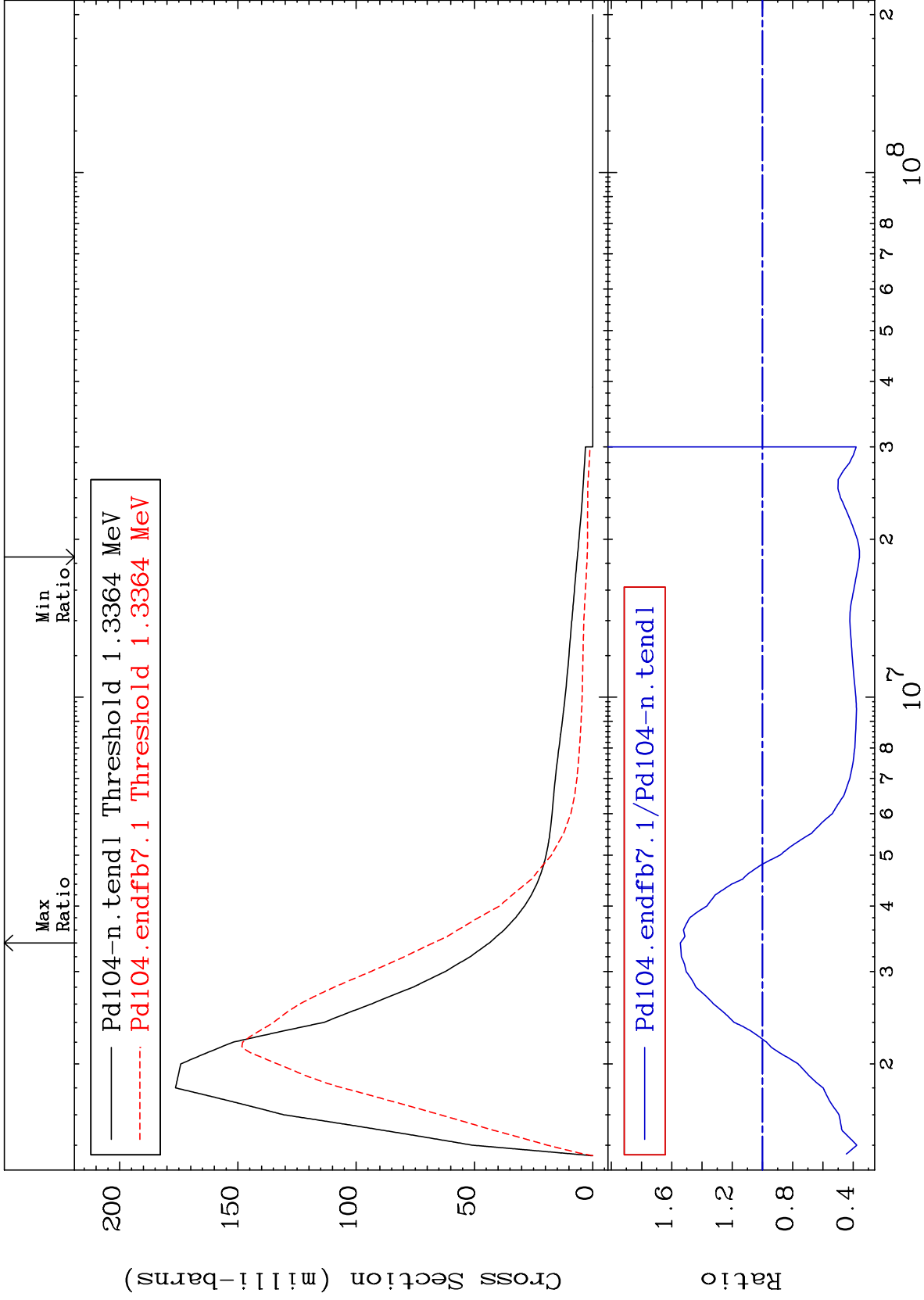
Incident Energy (eV)

46-Pd-104

MAT 4631

1.324 MeV (n,n') Level
Cross Section

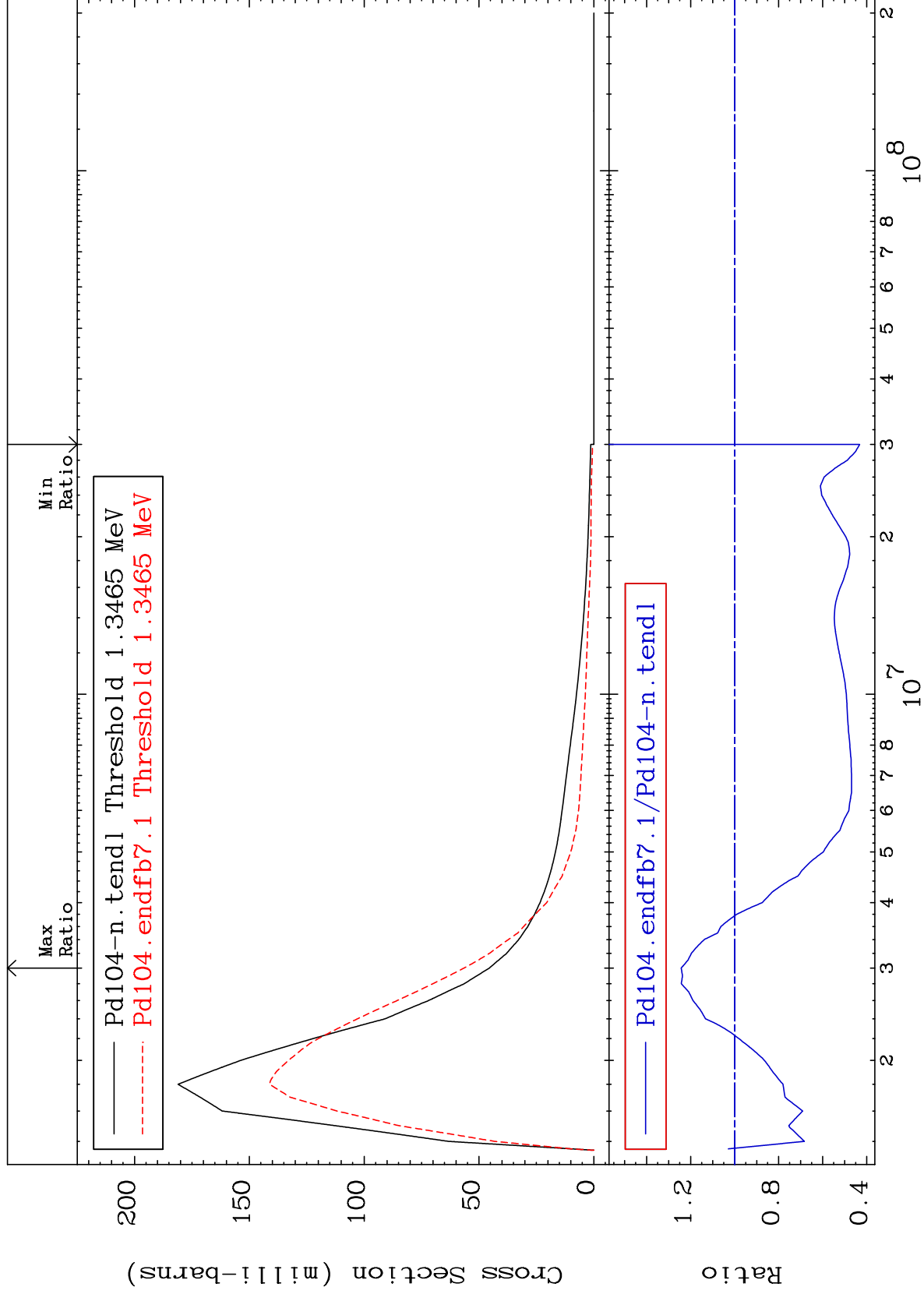
46-Pd-104
-64.08 To 54.31 %



MAT 4631

1.334 MeV (n,n') Level
Cross Section

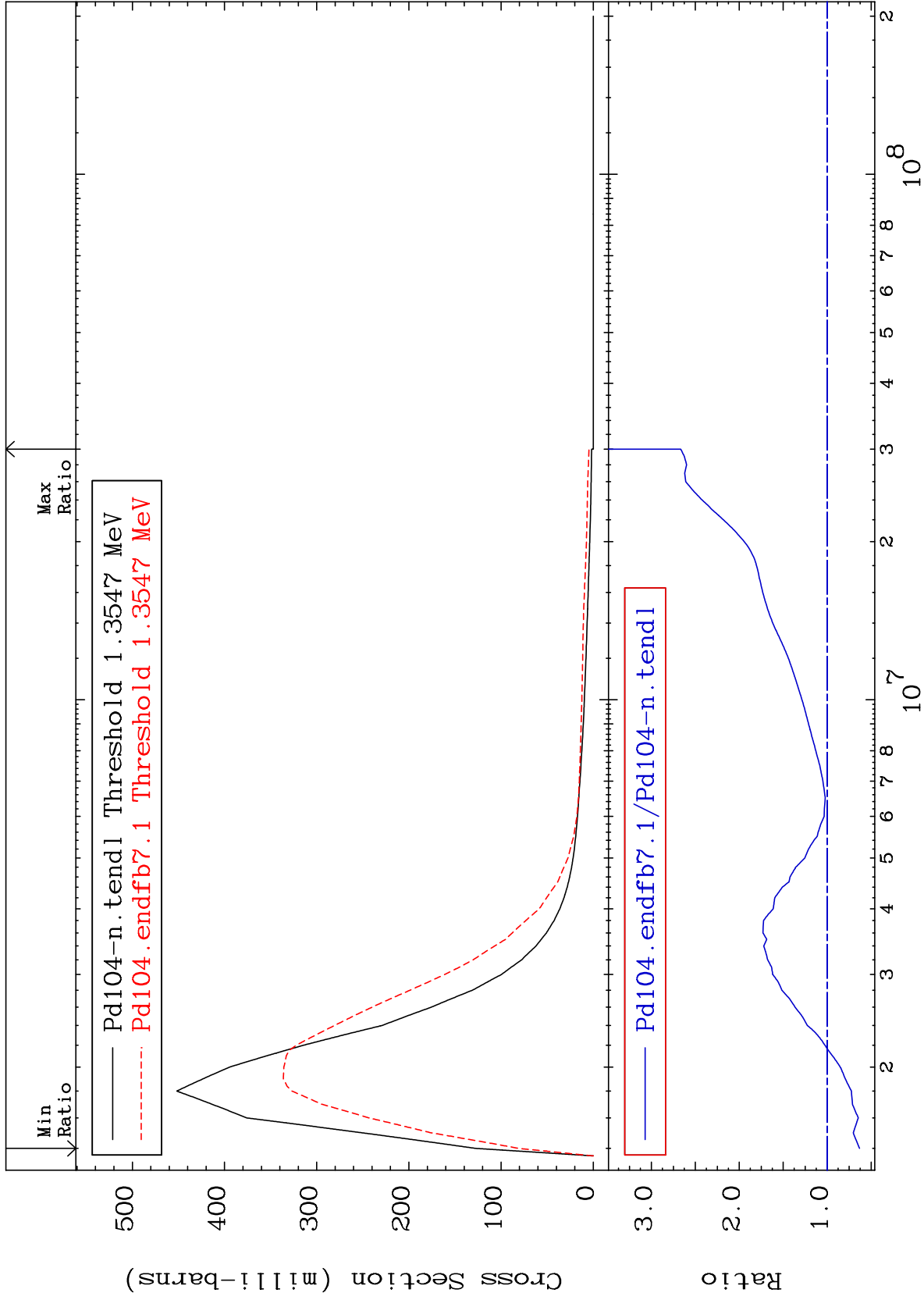
46-Pd-104
-56.81 To 24.32 %



MAT 4631

1.342 MeV (n,n') Level
Cross Section

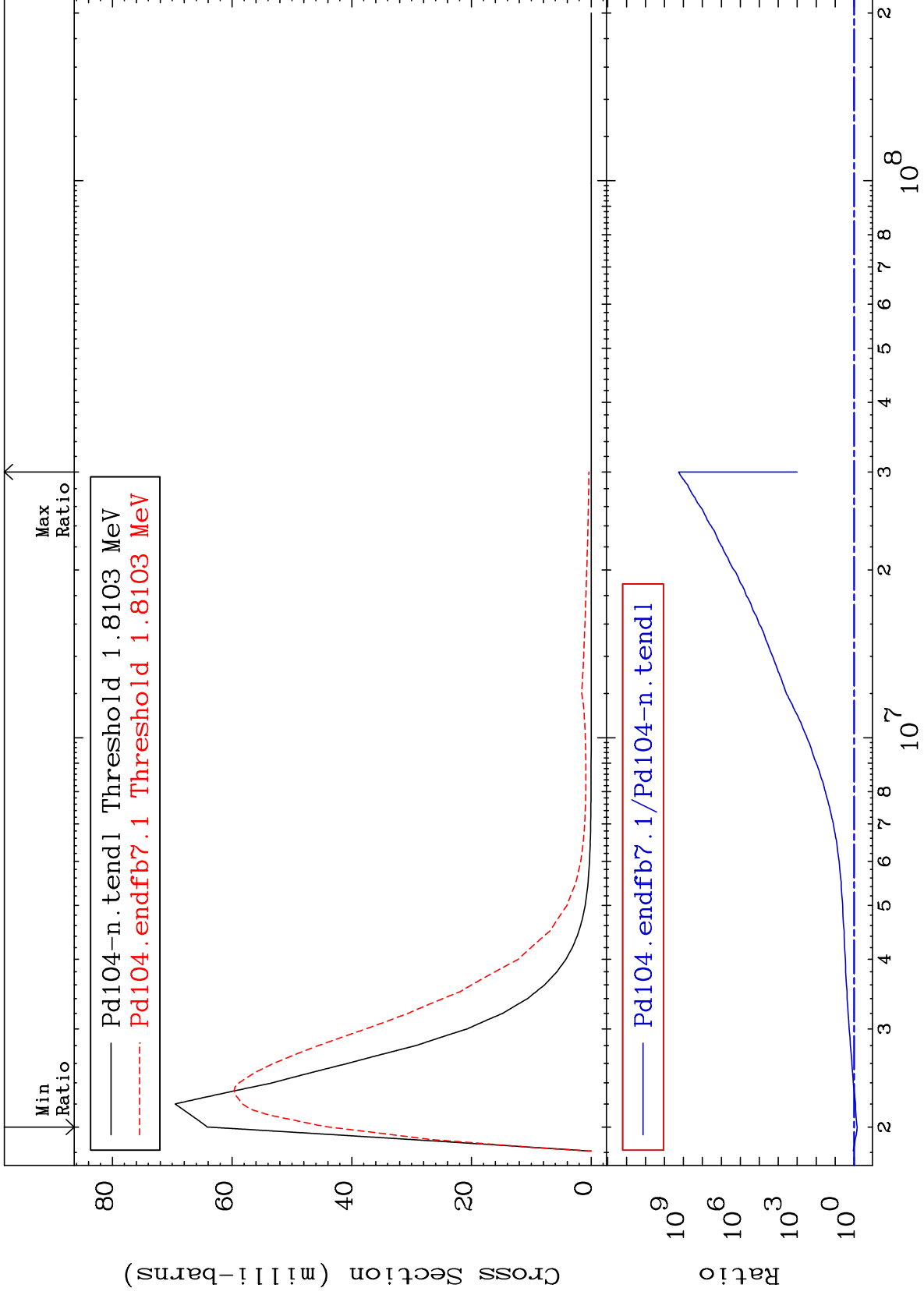
46-Pd-104
-36.83 To 166.6 %



MAT 4631

1.793 MeV (n,n') Level
Cross Section

46-Pd-104
-31.68 To 9999. %



16

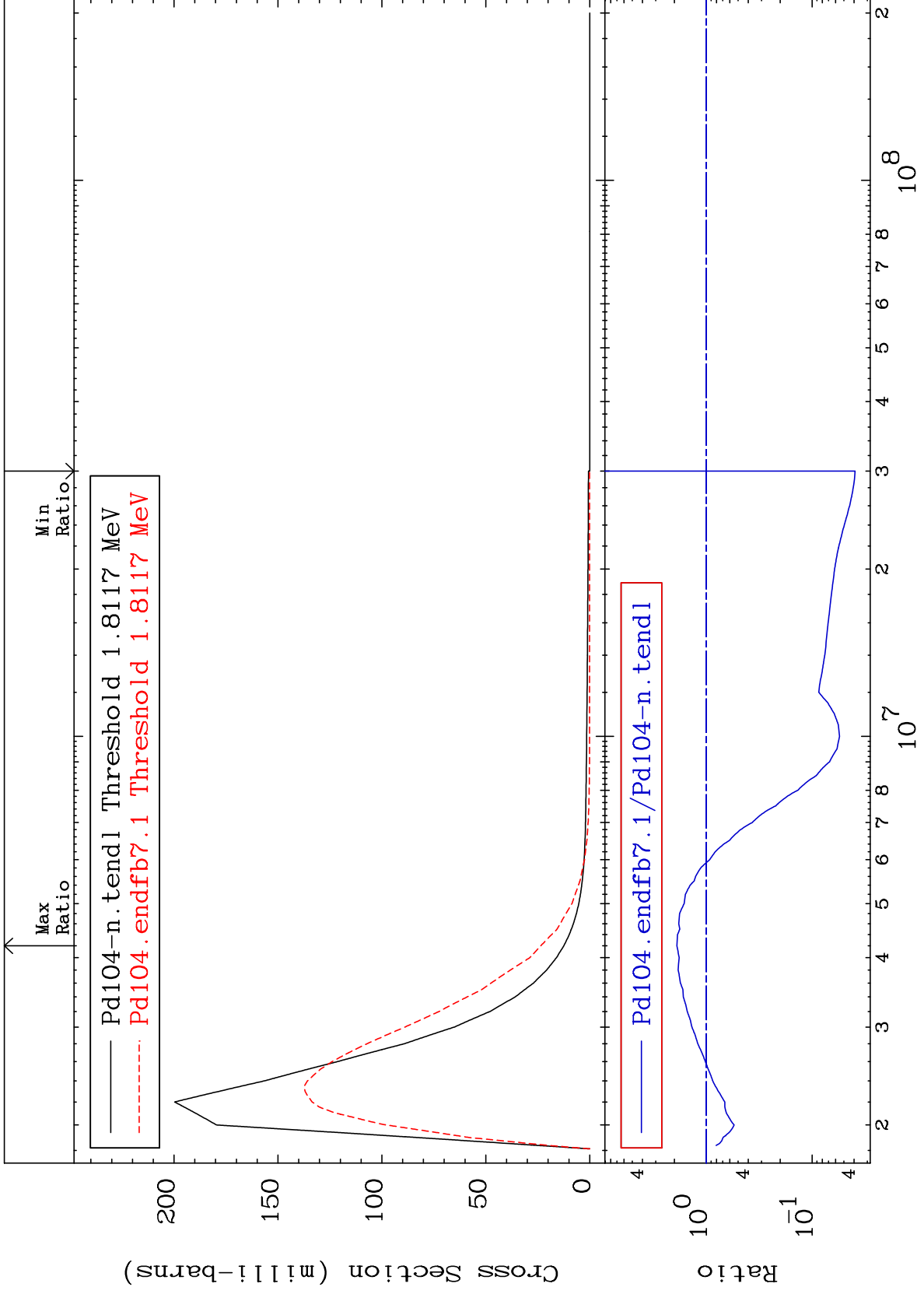
Incident Energy (eV)

46-Pd-104

MAT 4631

1.794 MeV (n,n') Level
Cross Section

46-Pd-104
-96.08 To 89.26 %



17

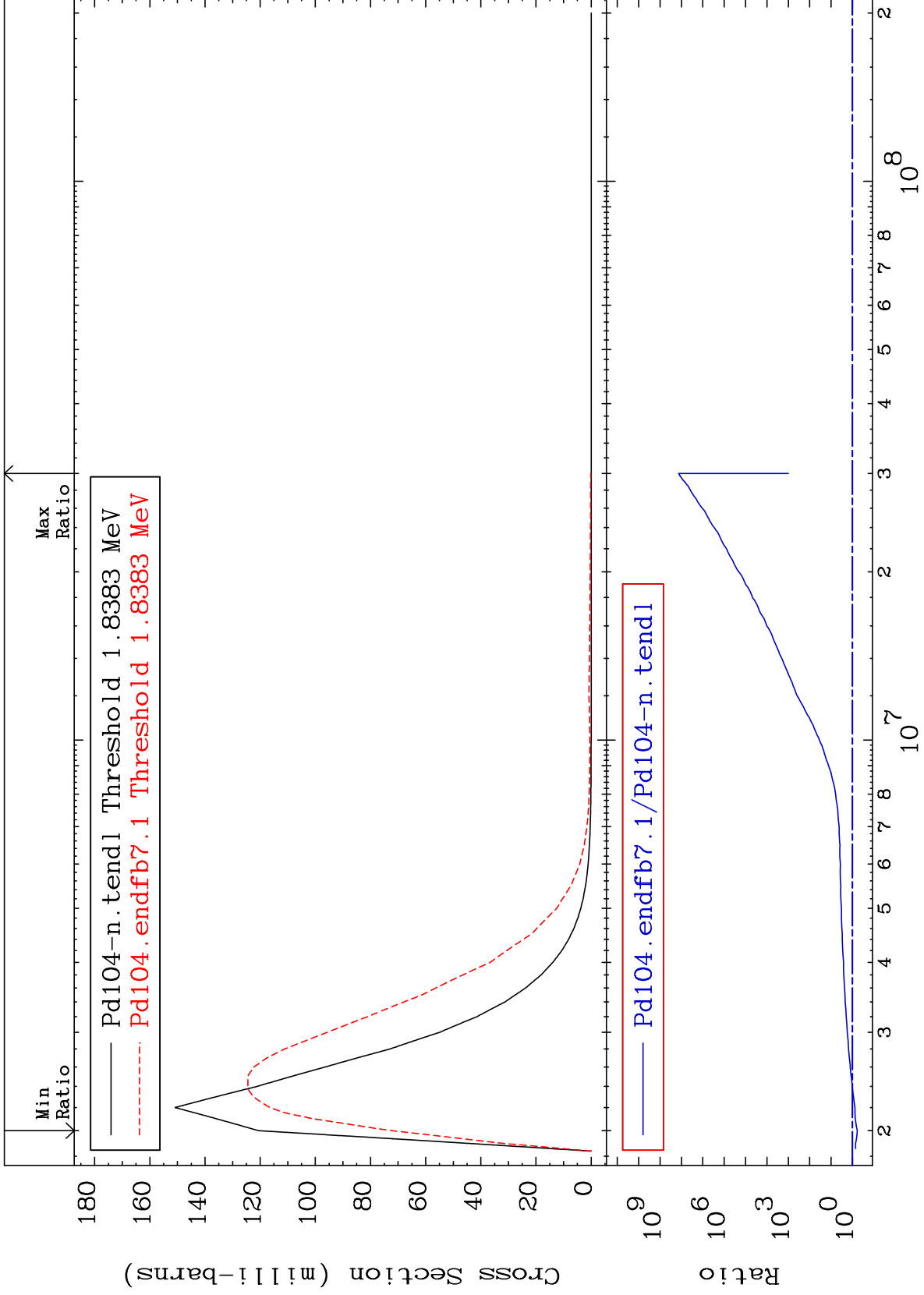
Incident Energy (eV)

46-Pd-104

MAT 4631

1.821 MeV (n,n') Level
Cross Section

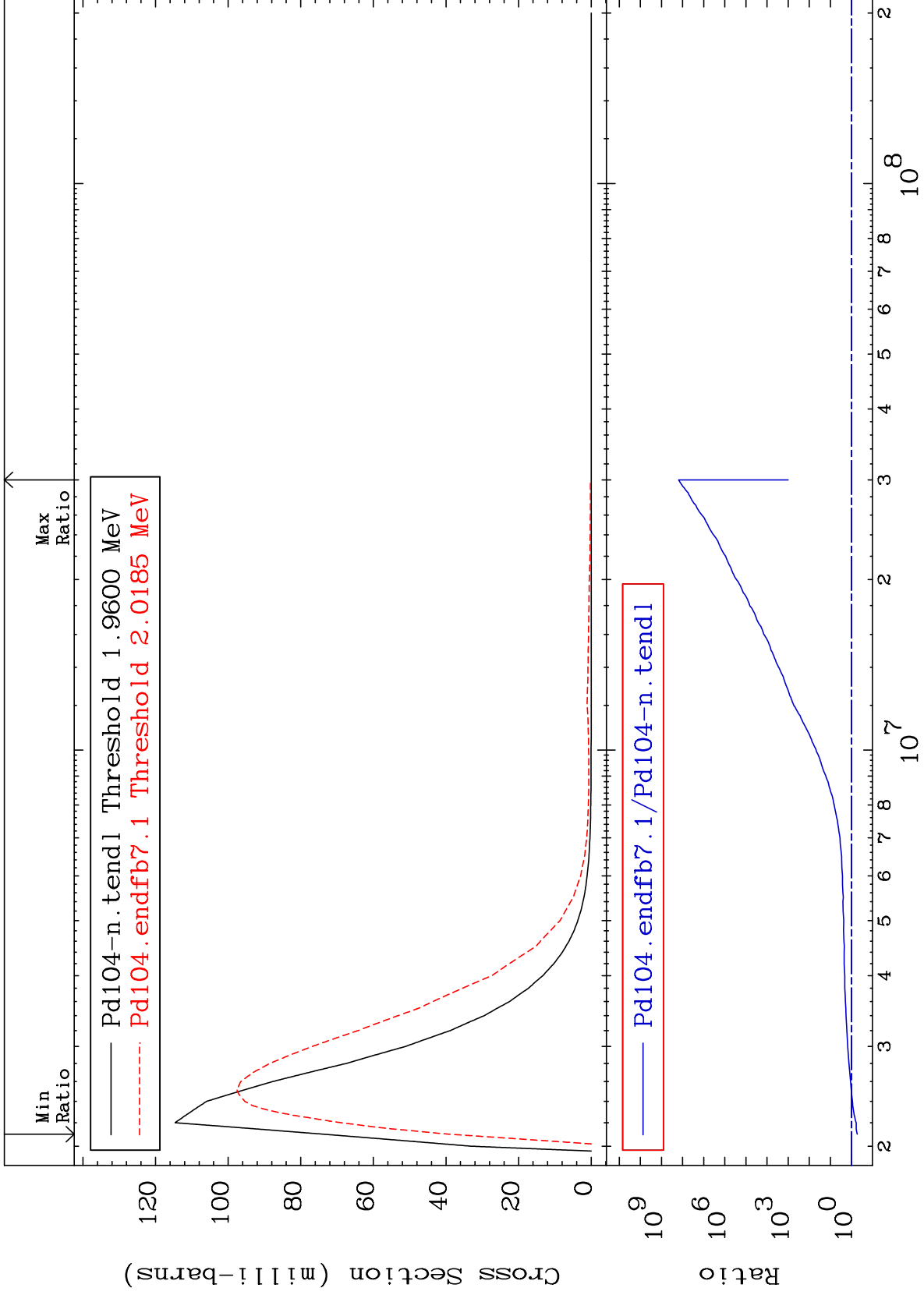
46-Pd-104
-40.19 To 9999. %



MAT 4631

1.941 MeV (n,n') Level
Cross Section

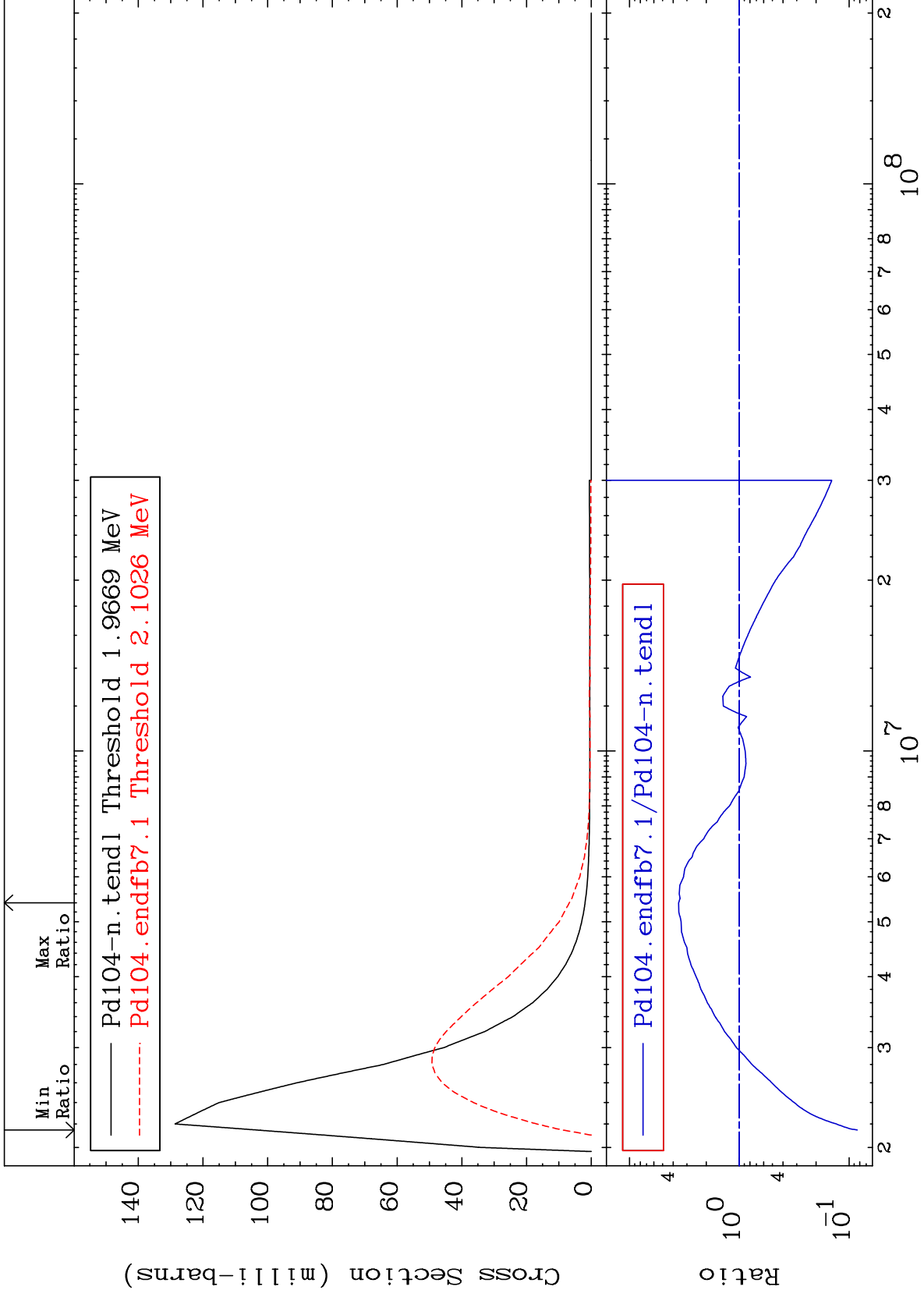
46-Pd-104
-46.88 To 9999. %



MAT 4631

1.948 MeV (n,n') Level
Cross Section

46-Pd-104
-91.56 To 257.5 %



20

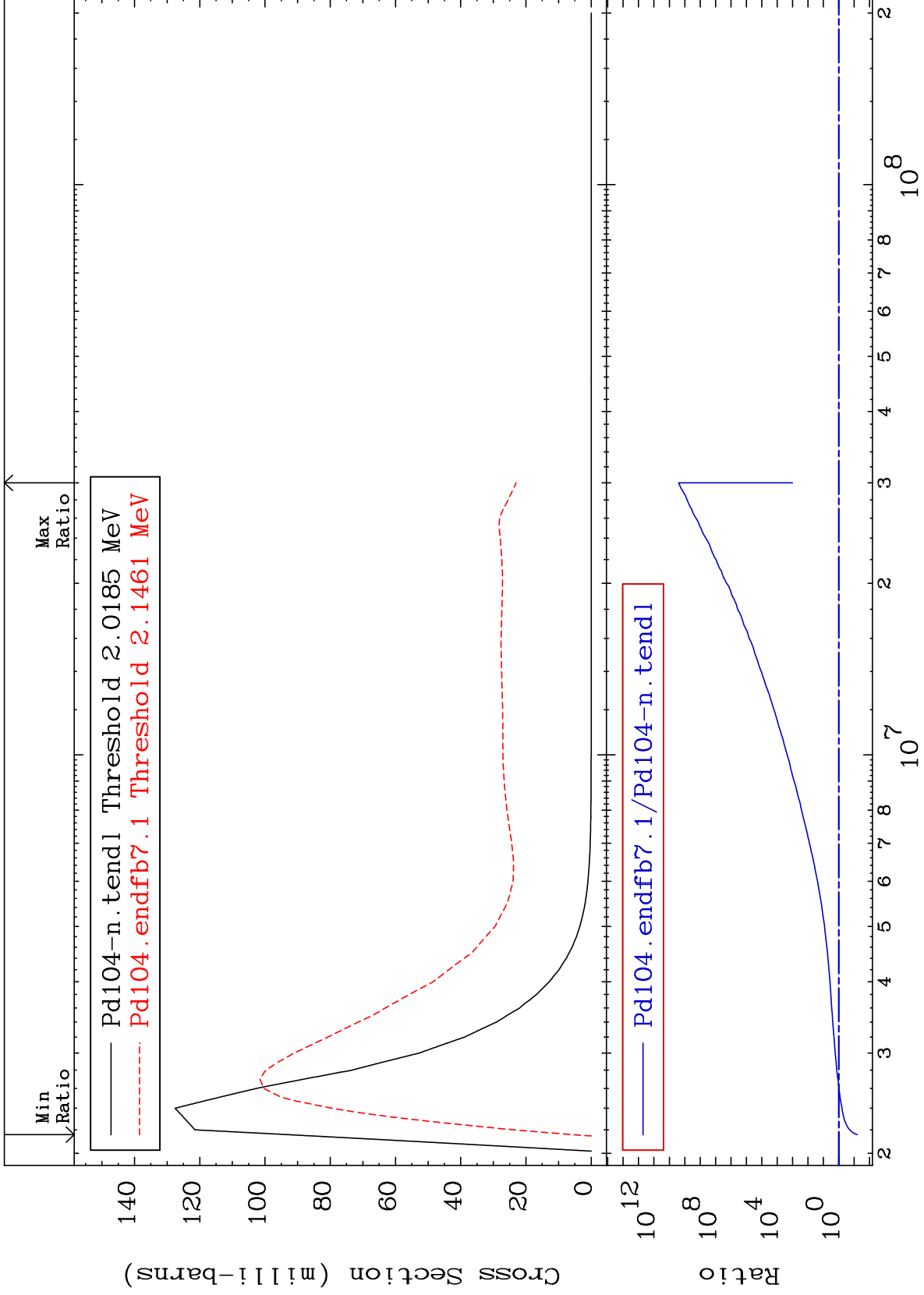
Incident Energy (eV)

46-Pd-104

MAT 4631

1.999 MeV (n,n') Level
Cross Section

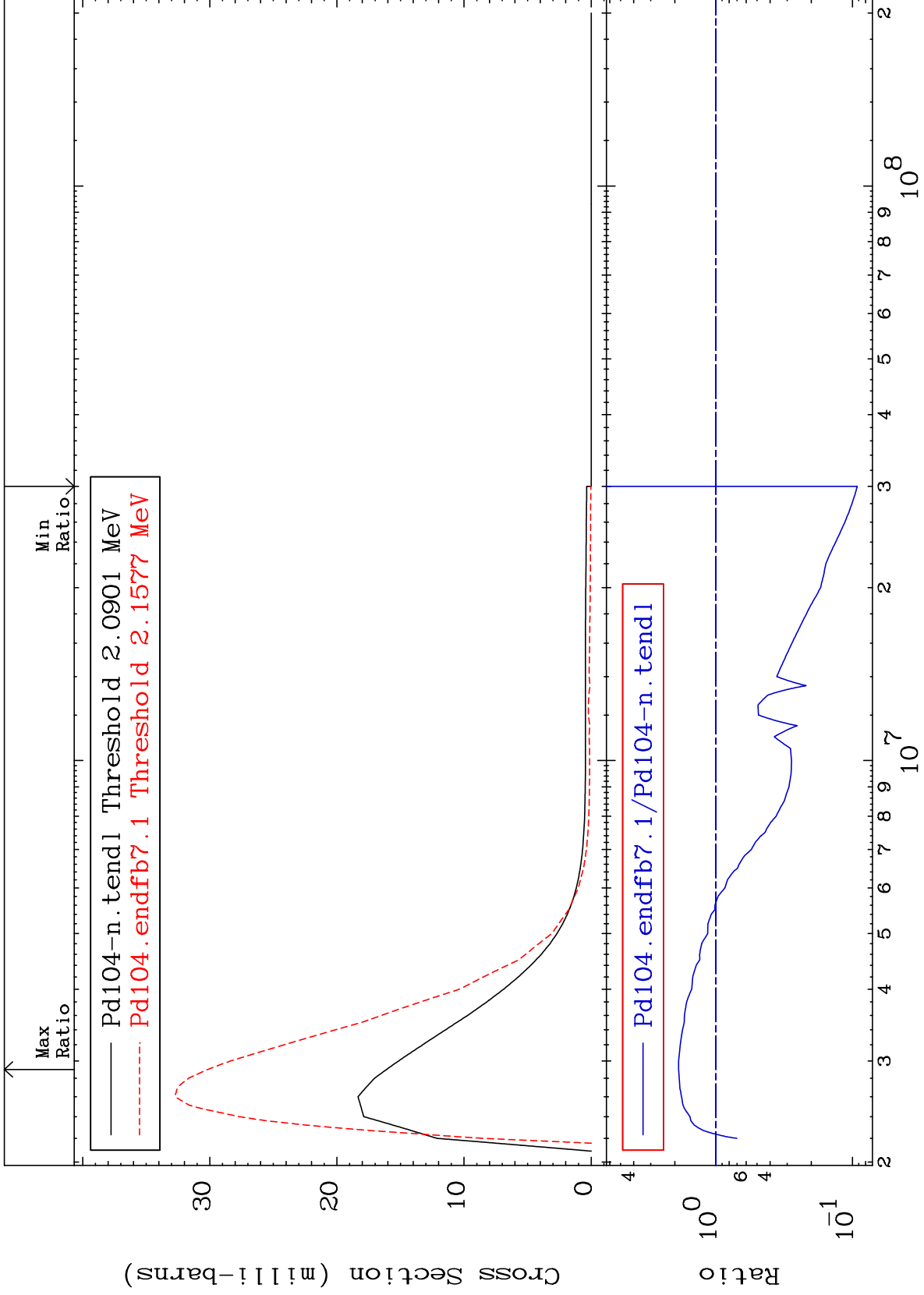
46-Pd-104
-93.65 To 9999. %



MAT 4631

2.070 MeV (n,n') Level
Cross Section

46-Pd-104
-90.79 To 87.40 %



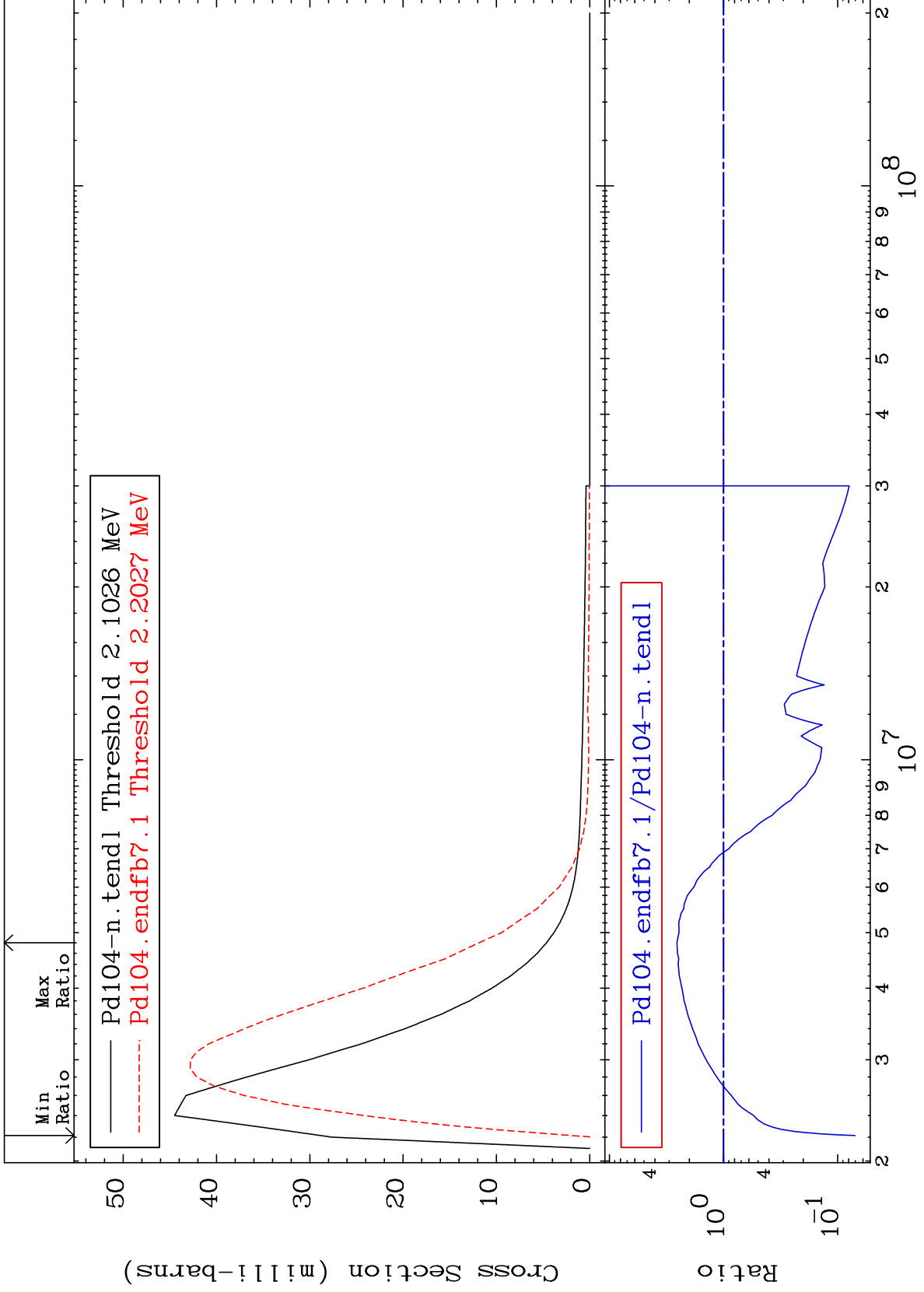
— Pd104-n.tendl Threshold 2.0901 MeV
- - - Pd104.endfb7.1 Threshold 2.1577 MeV

— Pd104.endfb7.1/Pd104-n.tendl

MAT 4631

2.082 MeV (n,n') Level
Cross Section

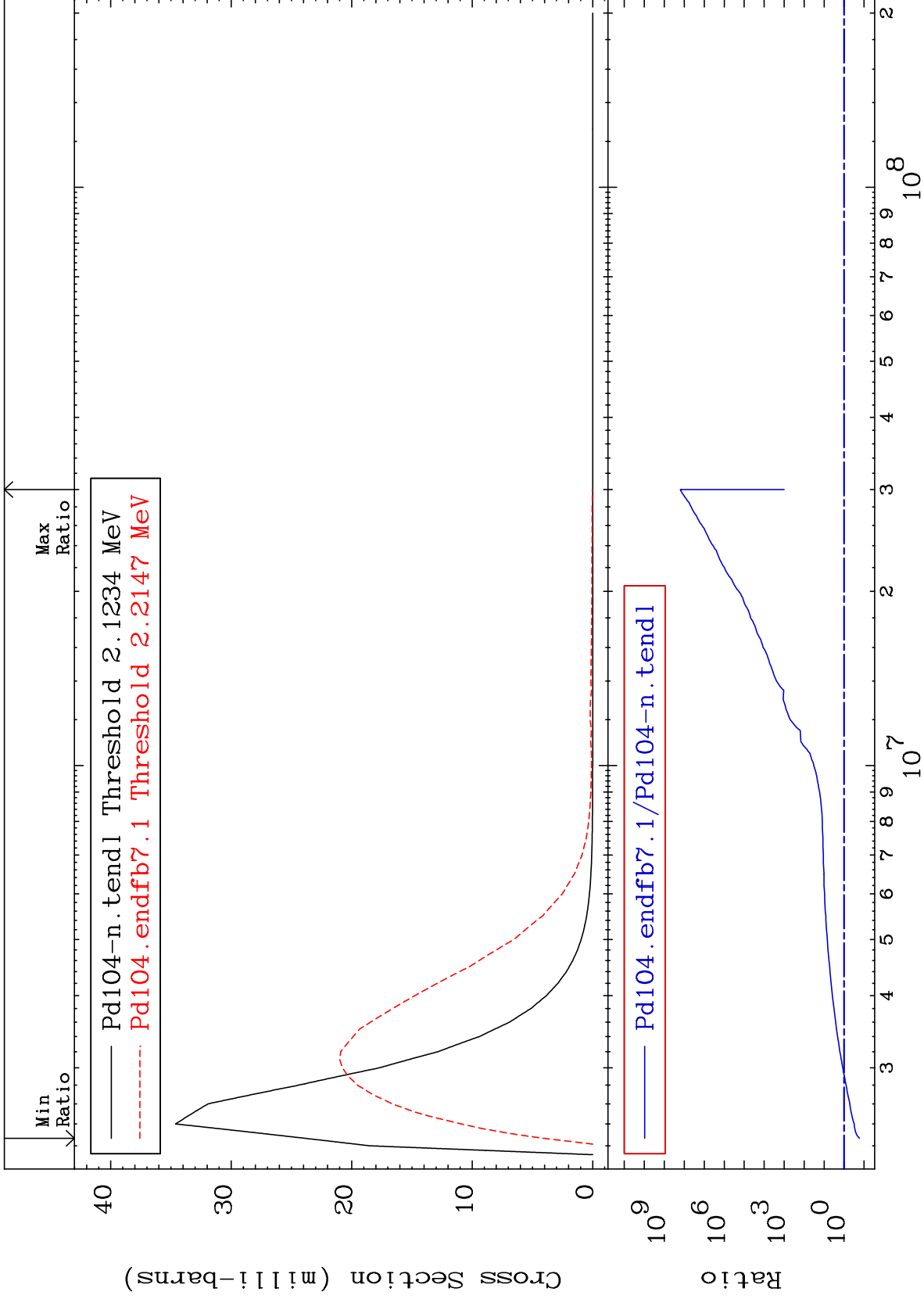
46-Pd-104
-92.97 To 156.4 %



MAT 4631

2.103 MeV (n,n') Level
Cross Section

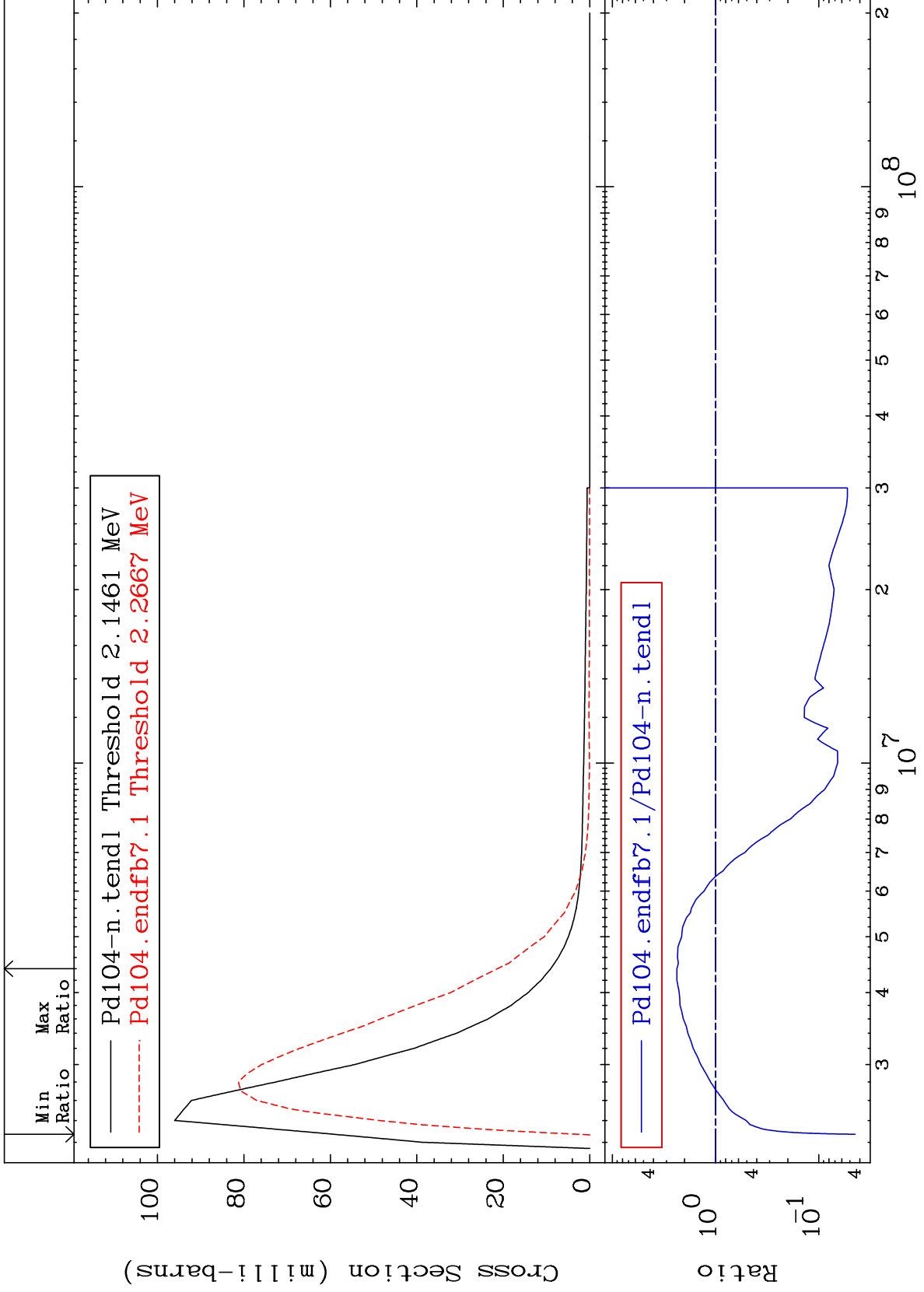
46-Pd-104
-82.92 To 9999. %



MAT 4631

2.125 MeV (n,n') Level
Cross Section

46-Pd-104
-95.54 To 137.4 %



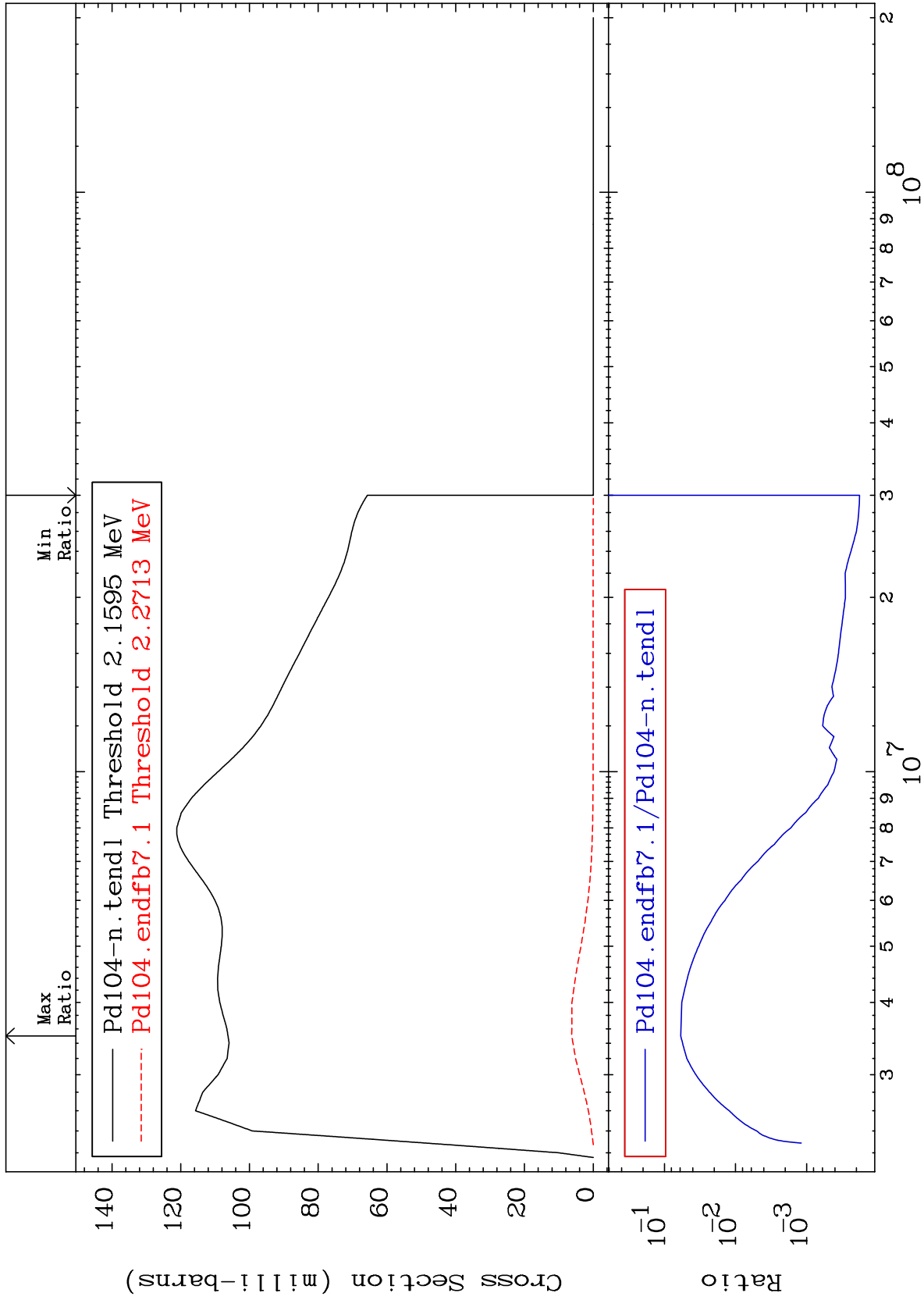
MAT 4631

2.139 MeV (n,n') Level

46-Pd-104

-99.98 To -94.11%

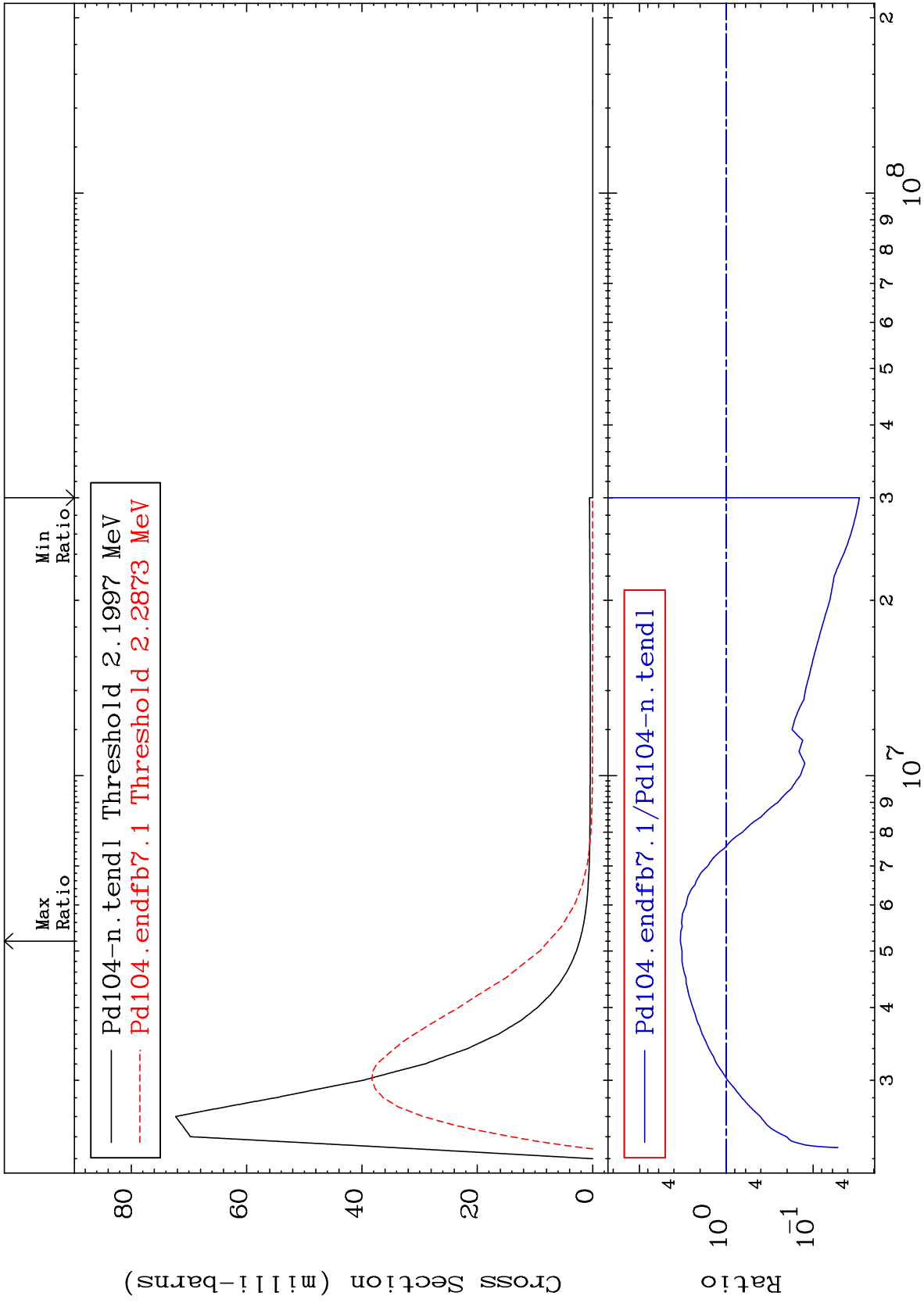
Cross Section



MAT 4631

2.179 MeV (n,n') Level
Cross Section

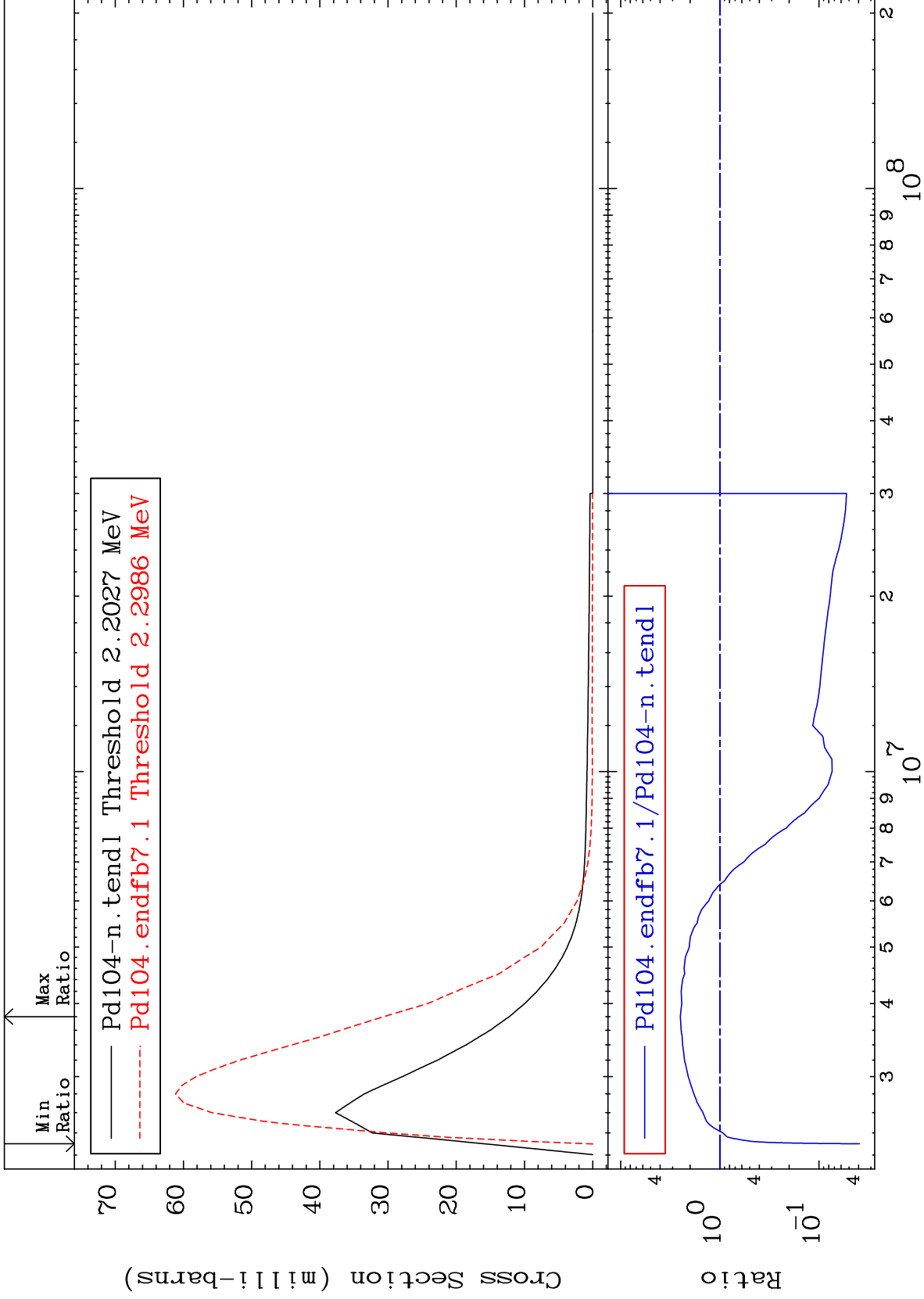
46-Pd-104
-97.07 To 237.5 %



MAT 4631

2.182 MeV (n,n') Level
Cross Section

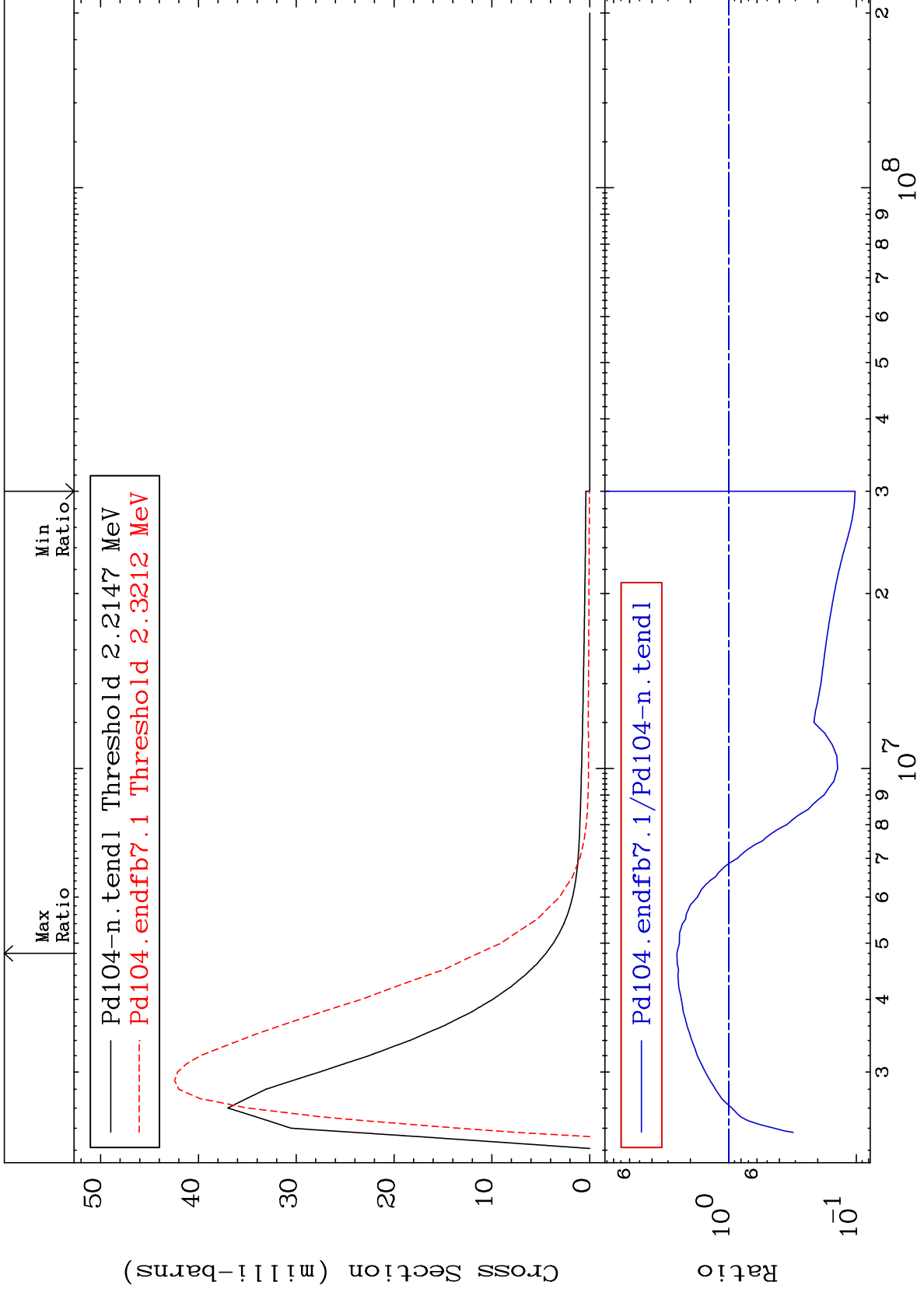
46-Pd-104
-96.08 To 150.3 %



MAT 4631

2.193 MeV (n,n') Level
Cross Section

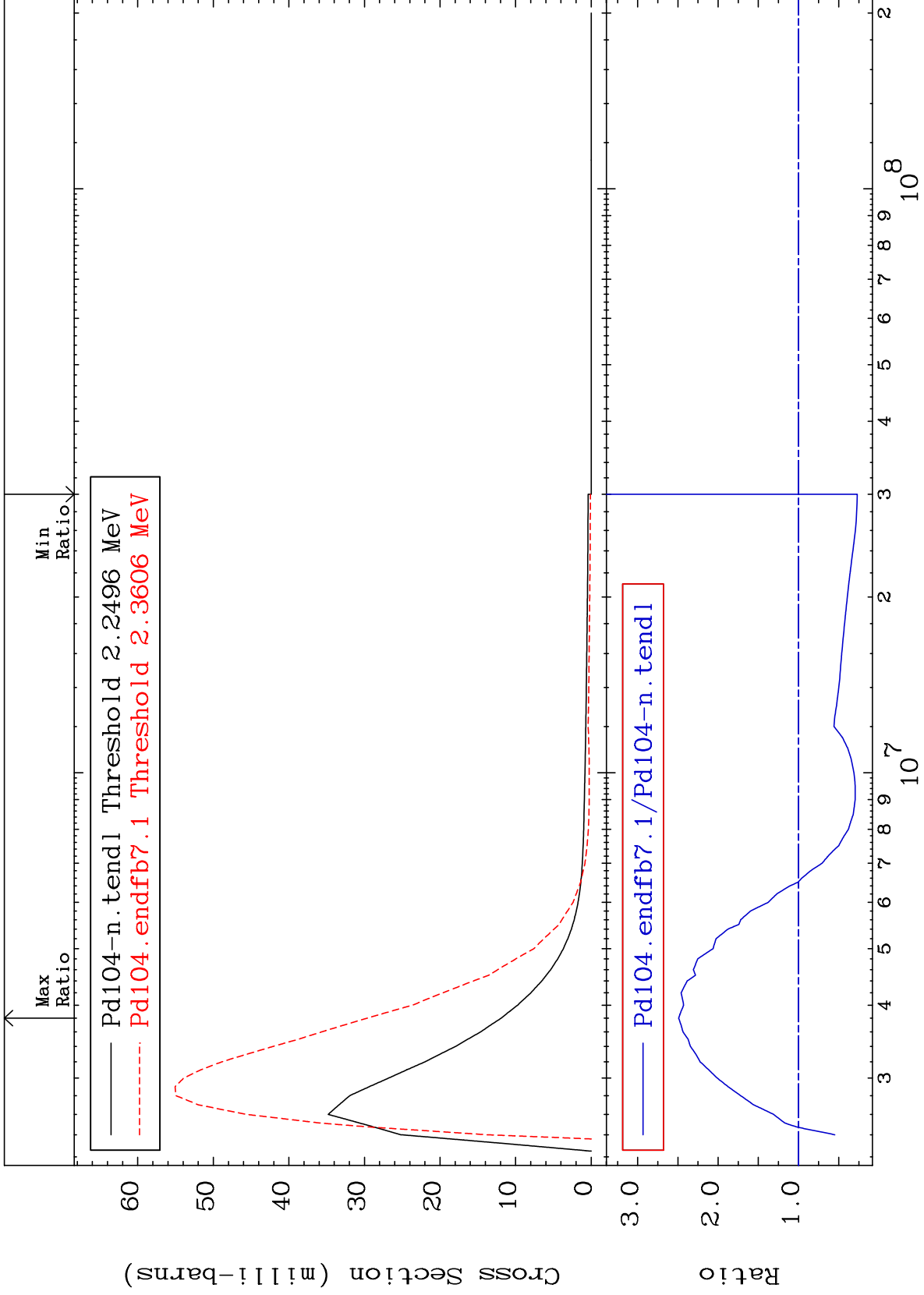
46-Pd-104
-89.79 To 154.8 %



MAT 4631

2.228 MeV (n,n') Level
Cross Section

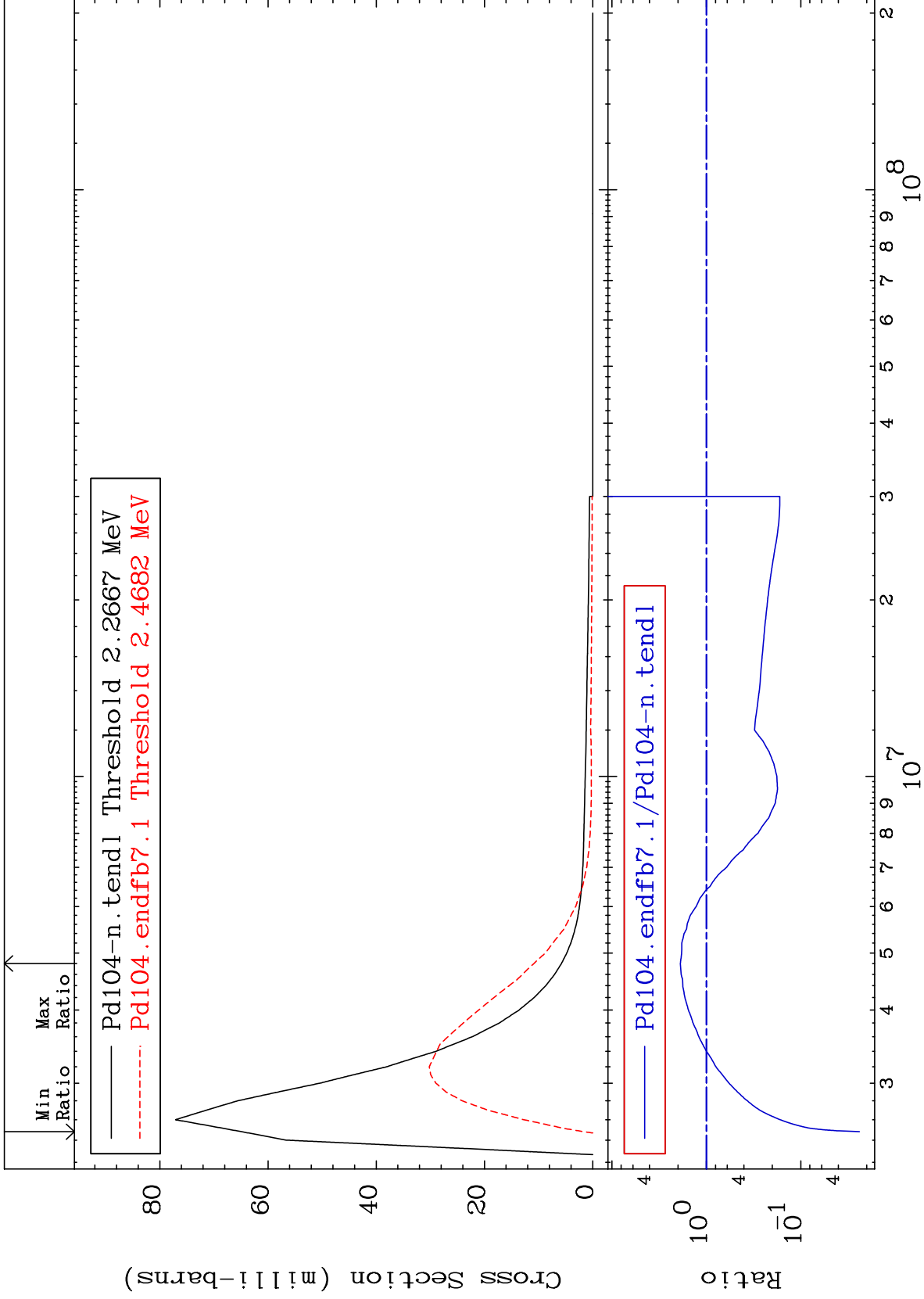
46-Pd-104
-73.06 To 149.1 %



MAT 4631

2.245 MeV (n,n') Level
Cross Section

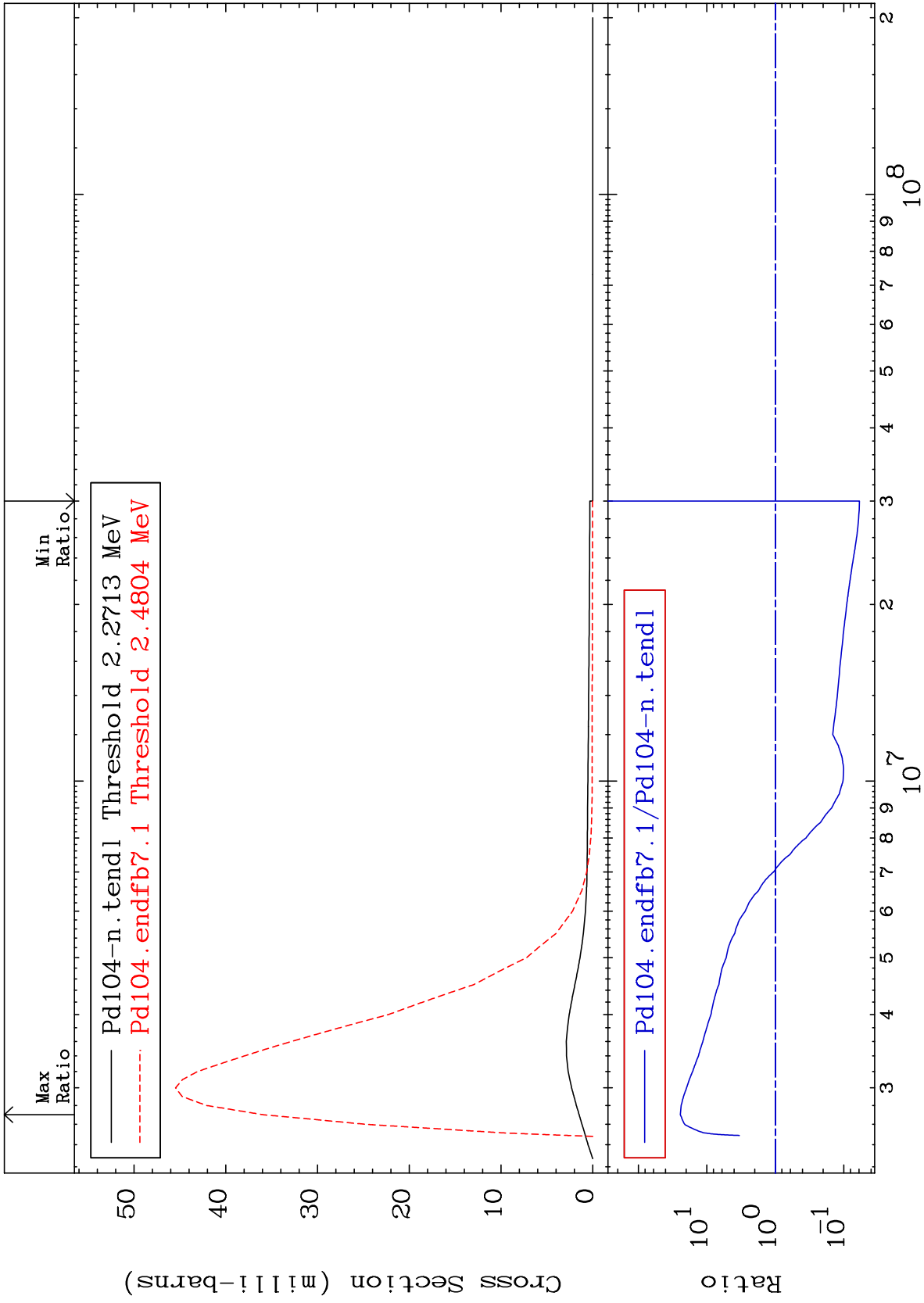
46-Pd-104
-97.61 To 88.64 %



MAT 4631

2.250 MeV (n,n') Level
Cross Section

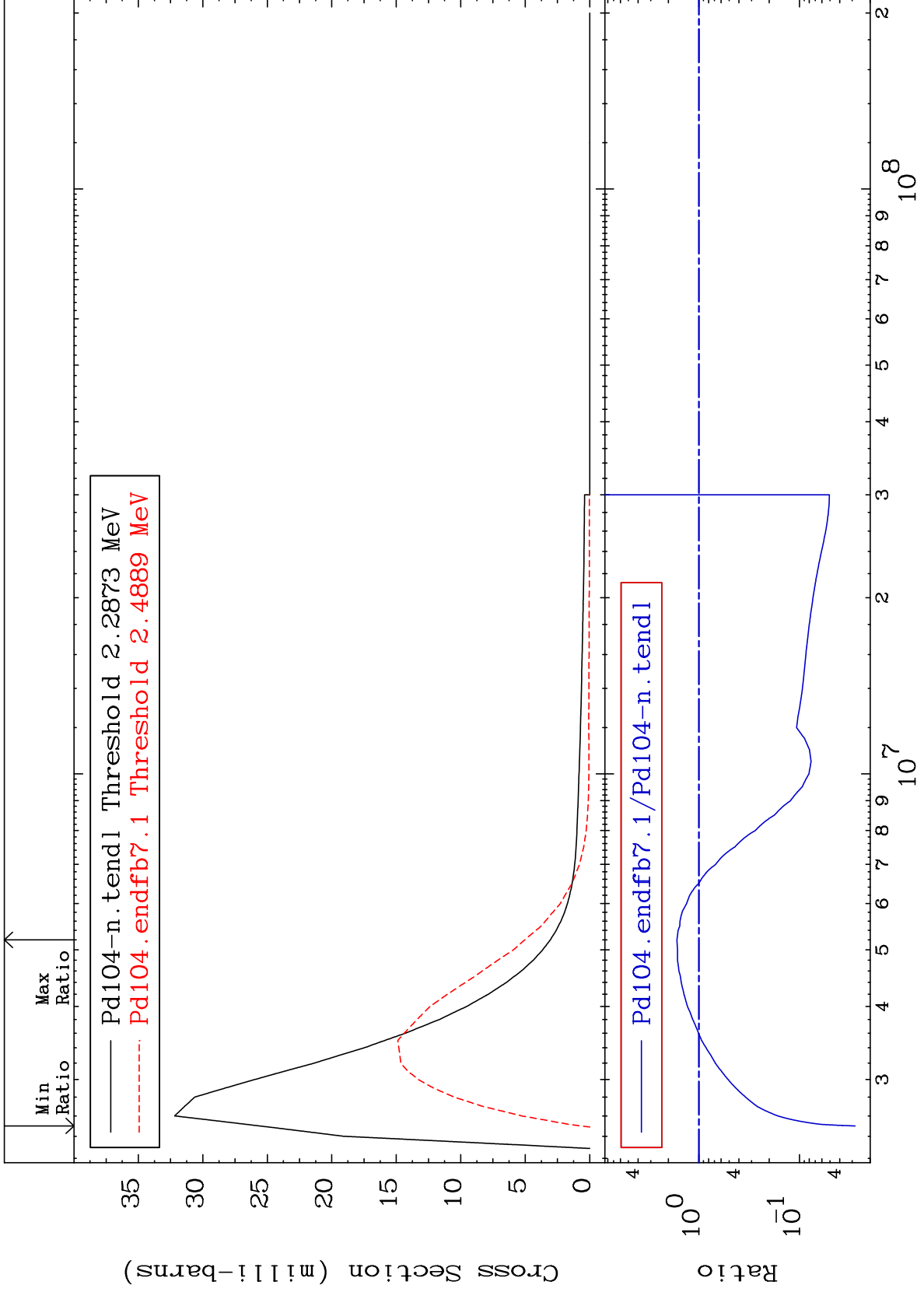
46-Pd-104
-94.10 To 2336. %



MAT 4631

2.265 MeV (n,n') Level
Cross Section

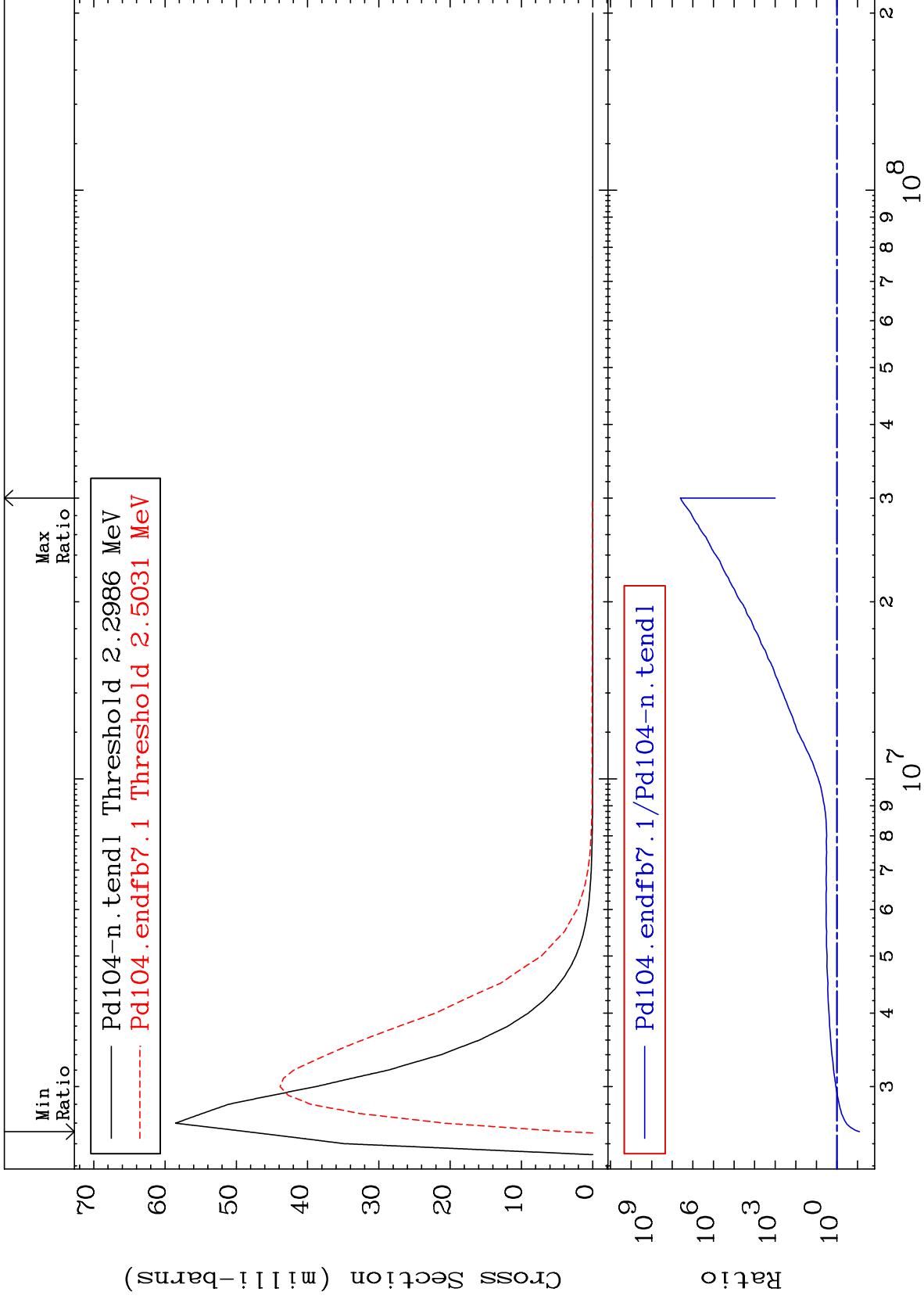
46-Pd-104
-97.19 To 64.81 %



MAT 4631

2.277 MeV (n,n') Level
Cross Section

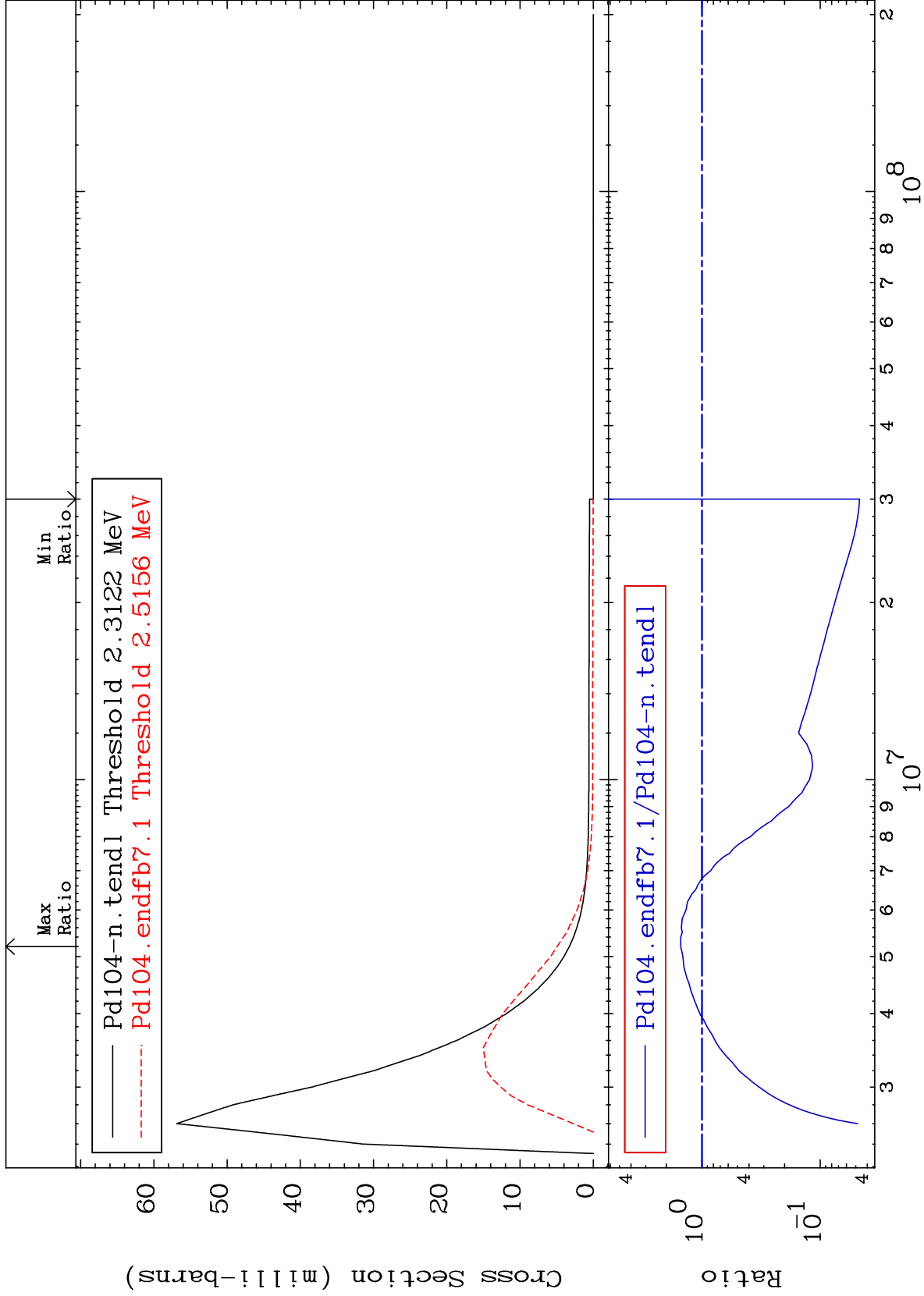
46-Pd-104
-91.89 To 9999. %



MAT 4631

2.290 MeV (n,n') Level
Cross Section

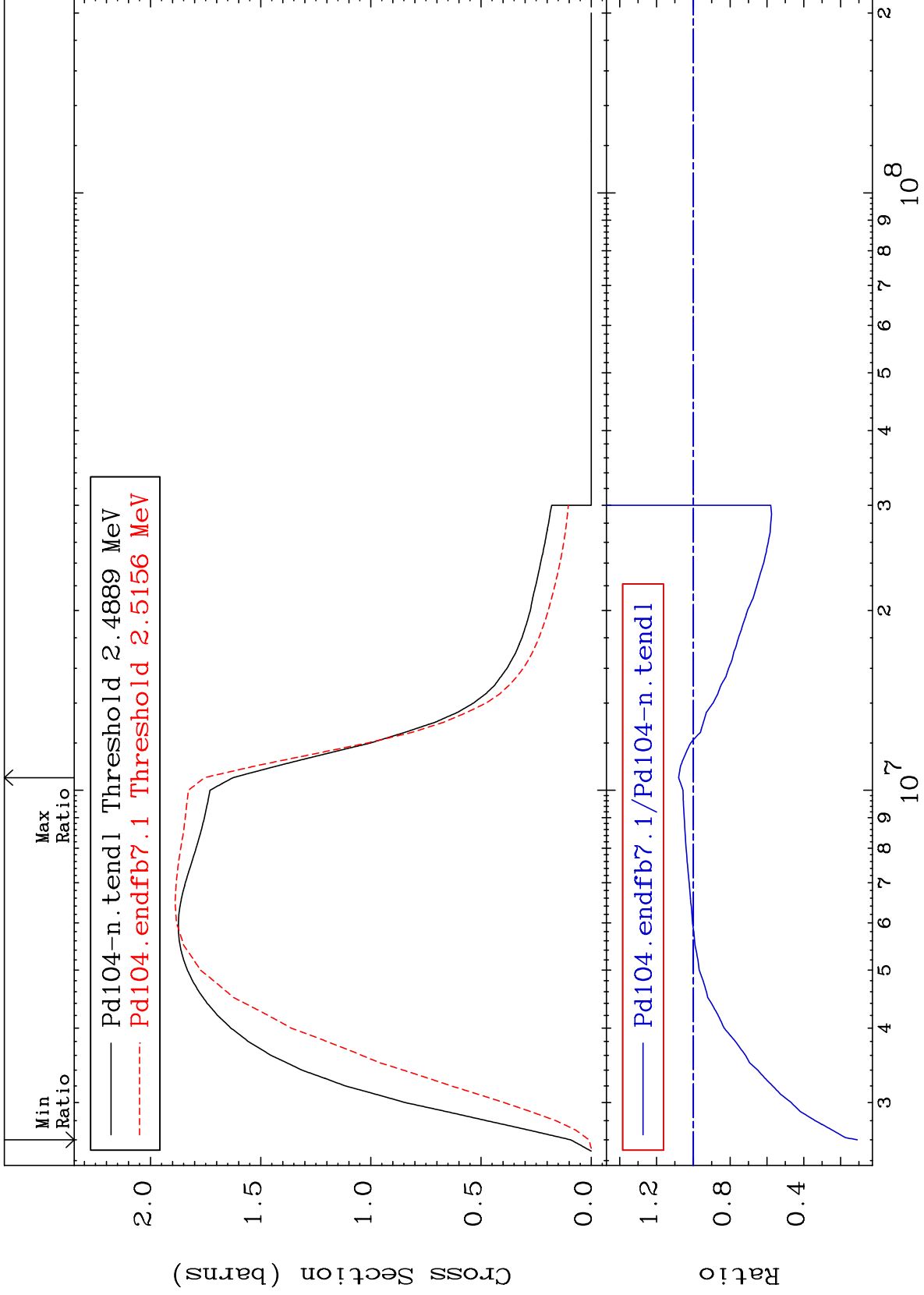
46-Pd-104
-95.36 To 51.33 %



MAT 4631

(n, n') Continuum
Cross Section

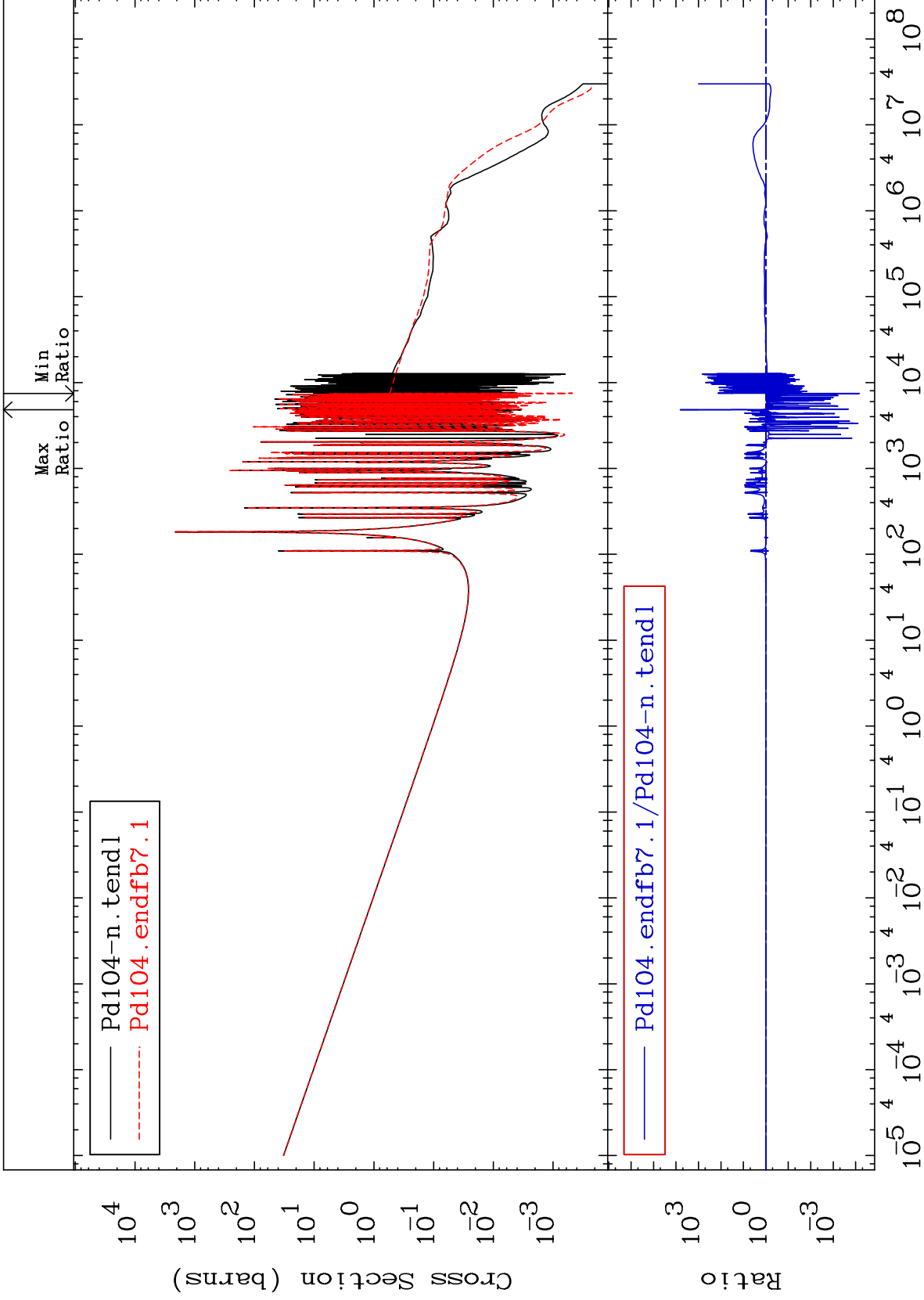
46-Pd-104
-89.04 To 7.956 %



MAT 4631

(n, γ)
Cross Section

46-Pd-104
-99.99 To 9999. %



37

Incident Energy (eV)

46-Pd-104

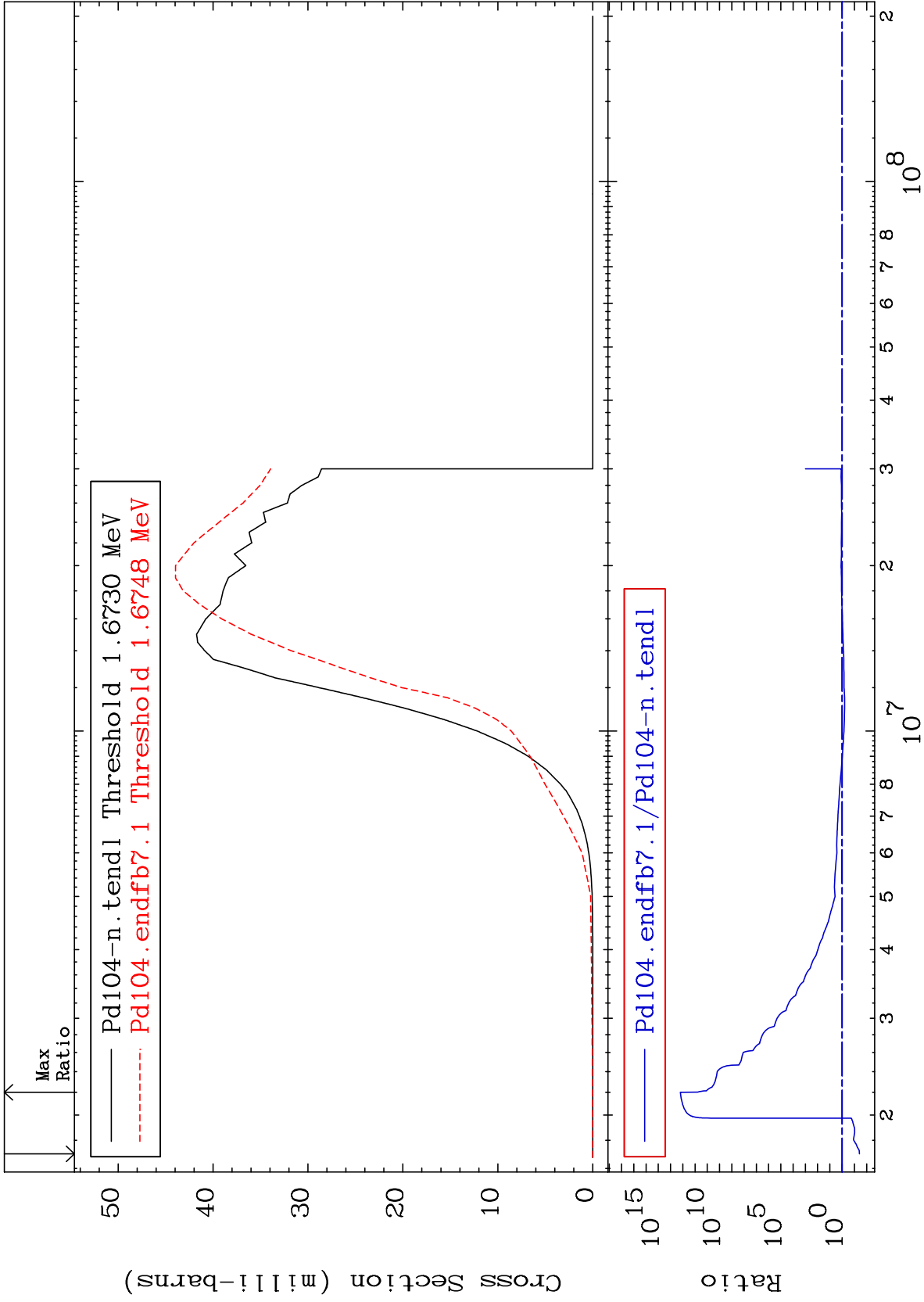
MAT 4631

(n,p)

46-Pd-104

Cross Section

-96.14 To 9999. %



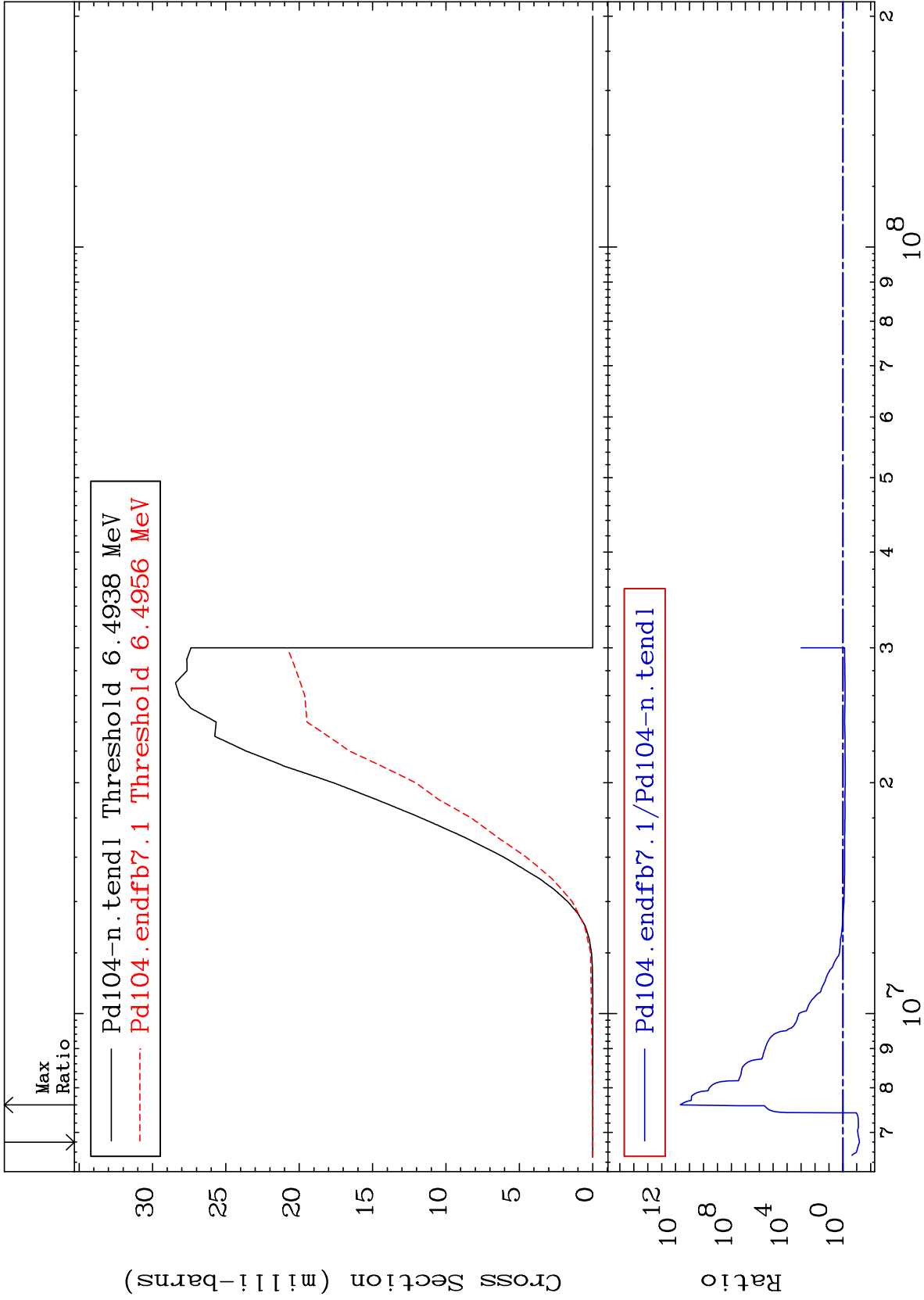
MAT 4631

(n, d)

46-Pd-104

Cross Section

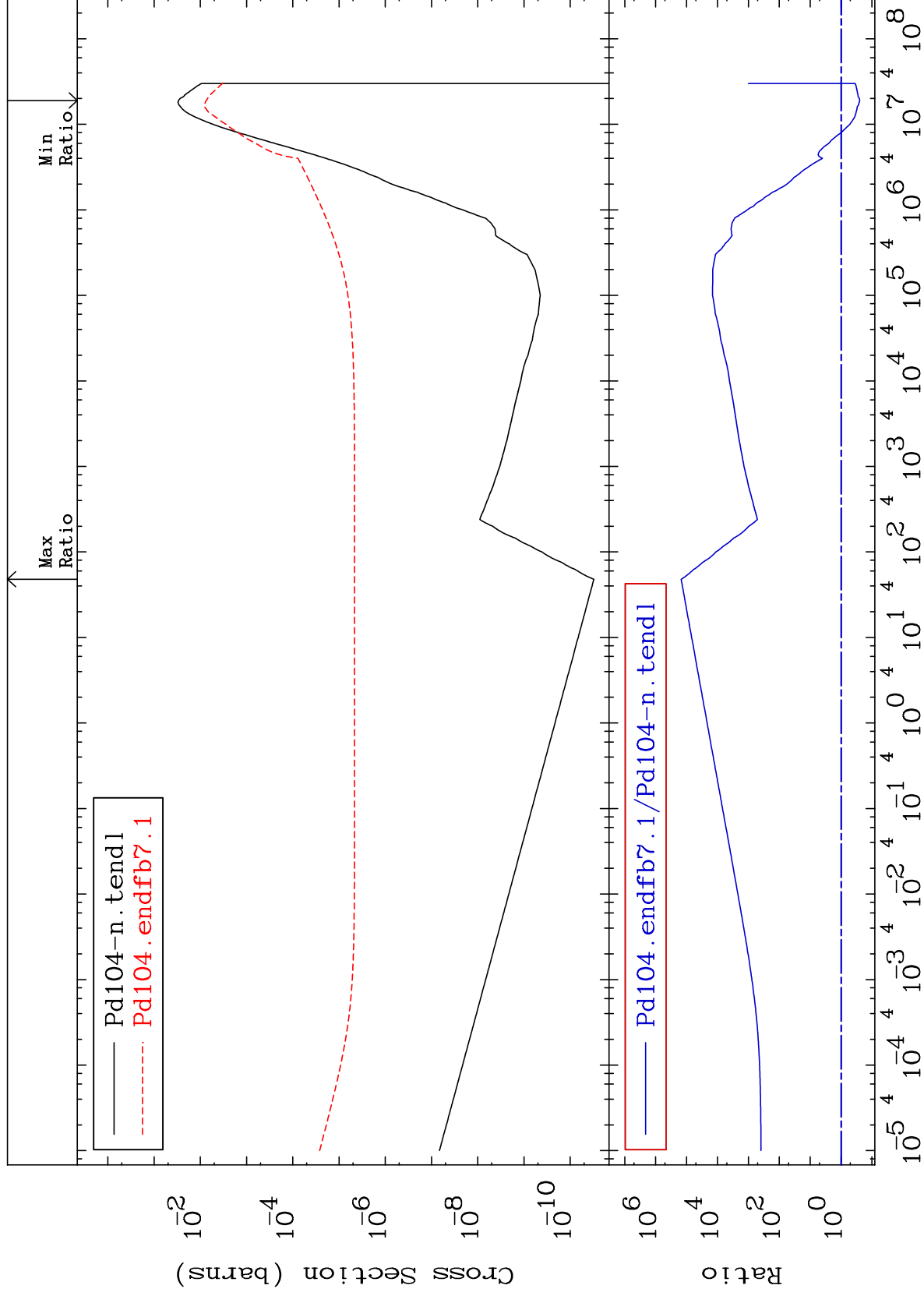
-93.50 To 9999. %



MAT 4631

46-Pd-104

(n, α)
Cross Section
-74.95 To 9999. %



Incident Energy (eV)

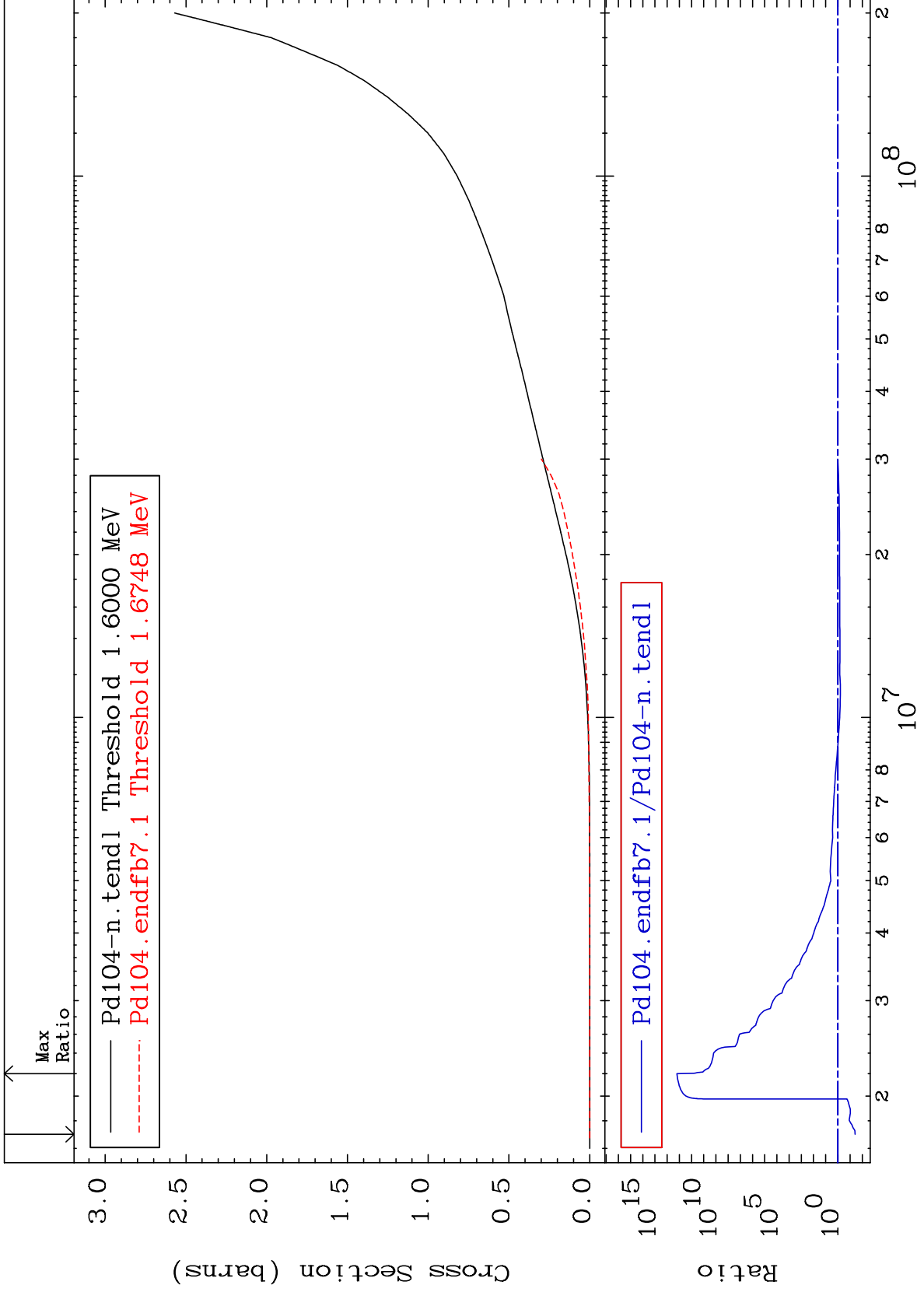
46-Pd-104

40

MAT 4631

Hydrogen Production
Cross Section

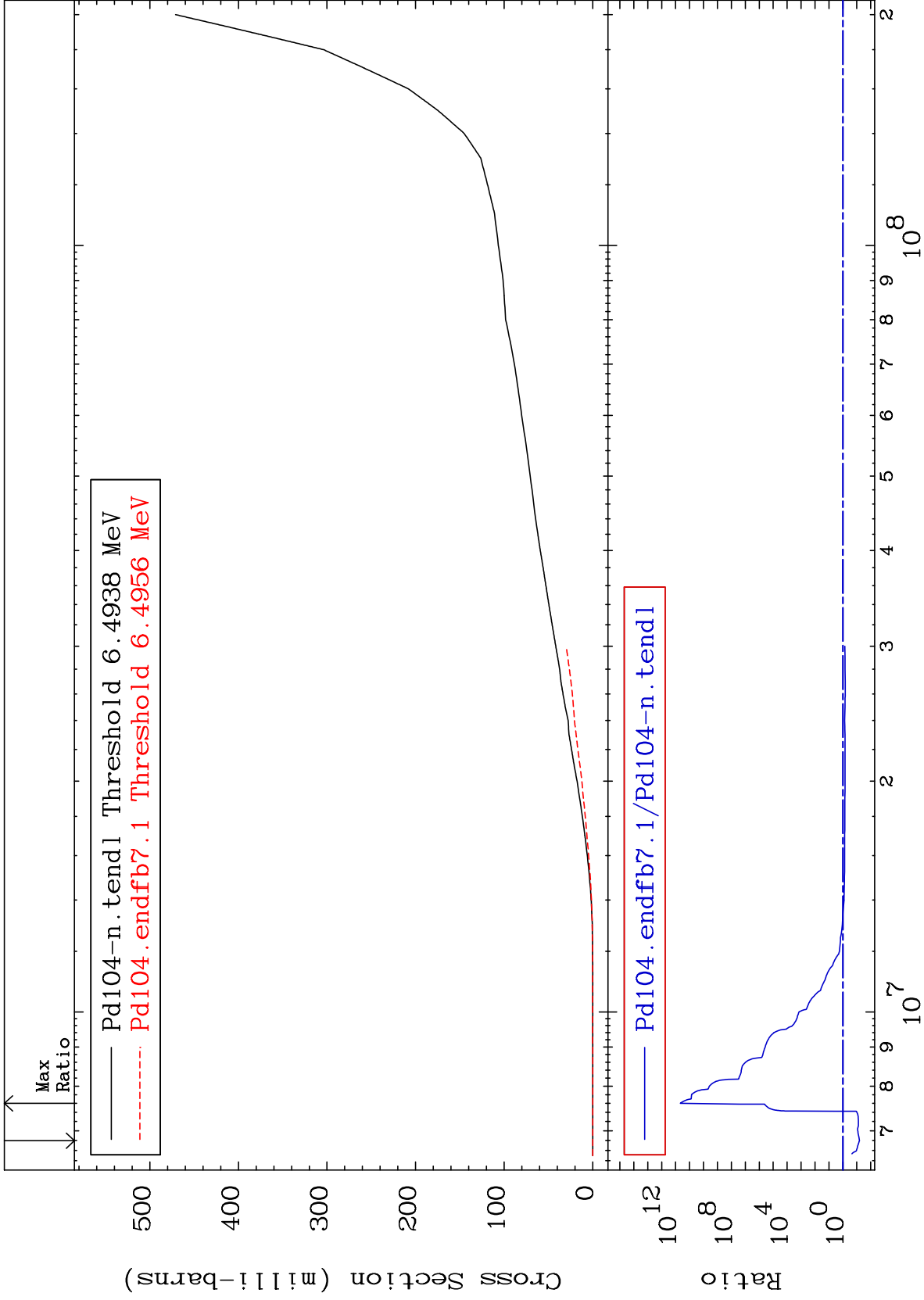
46-Pd-104
-96.14 To 9999. %



MAT 4631

Deuterium Production
Cross Section

46-Pd-104
-93.50 To 9999. %



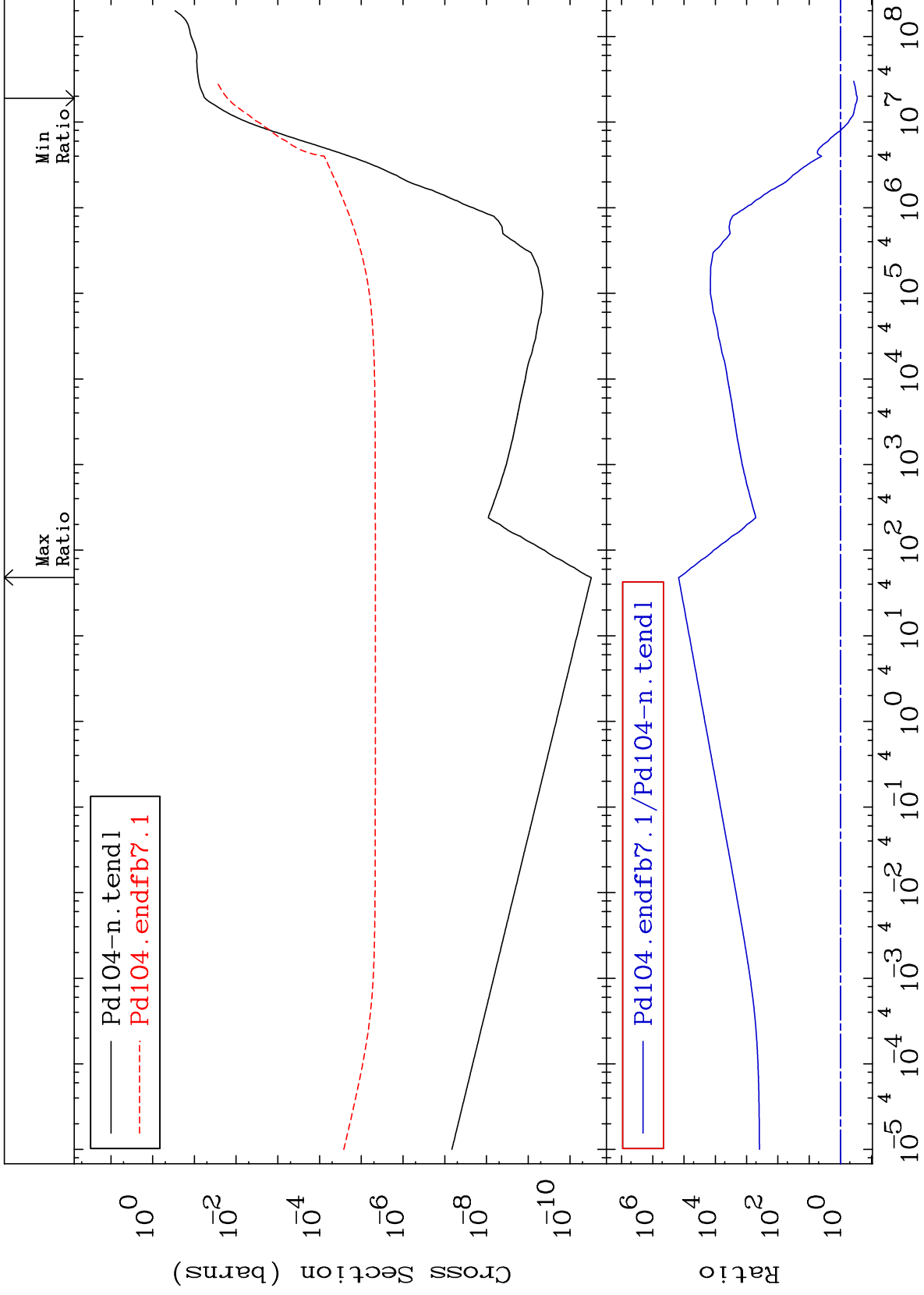
42

46-Pd-104

MAT 4631

He-4 Production
Cross Section

46-Pd-104
-71.03 To 9999. %



43

Incident Energy (eV)

46-Pd-104

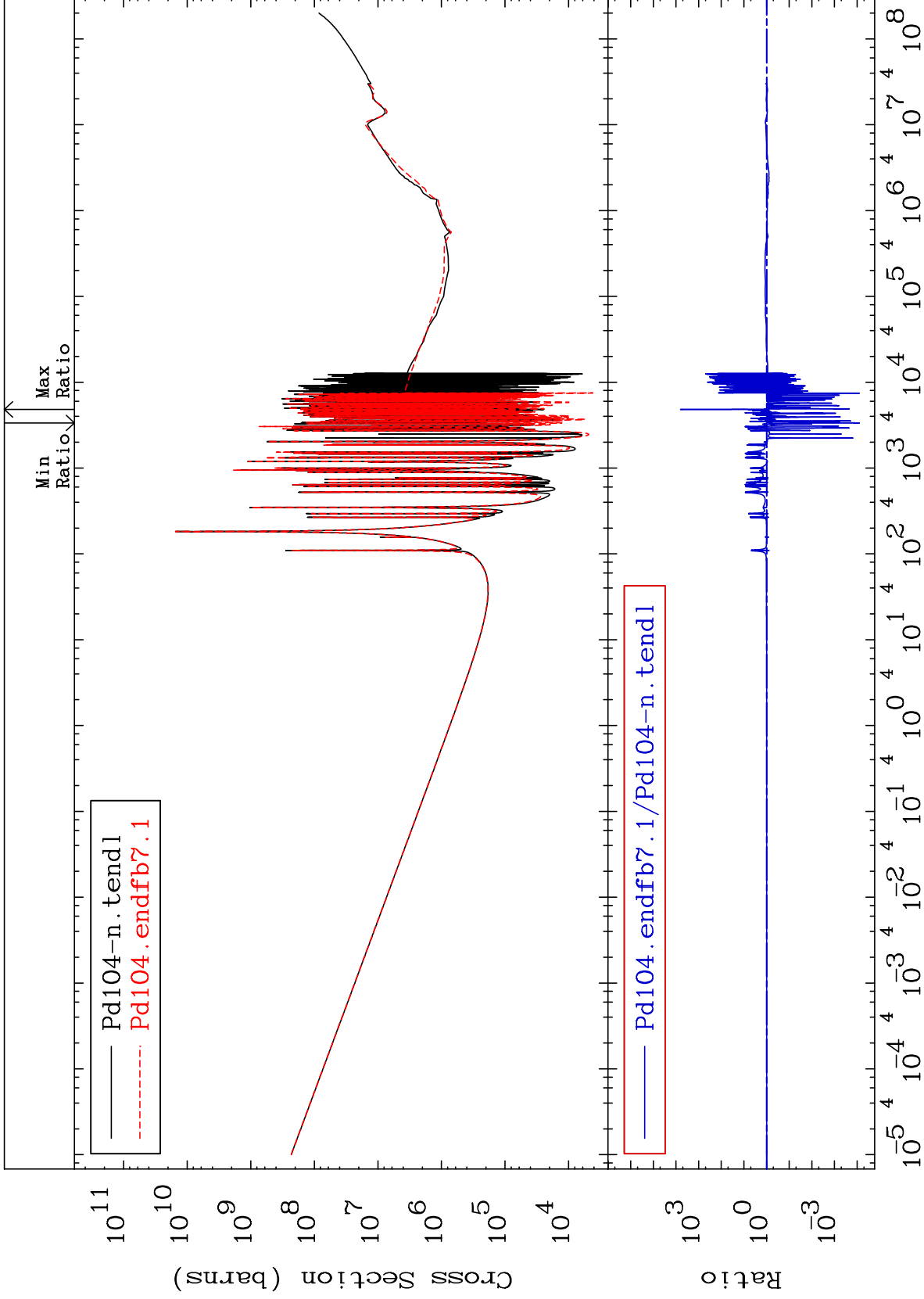
MAT 4631

Kerma total (eV-barns)

46-Pd-104

Cross Section

-99.99 To 9999. %



44

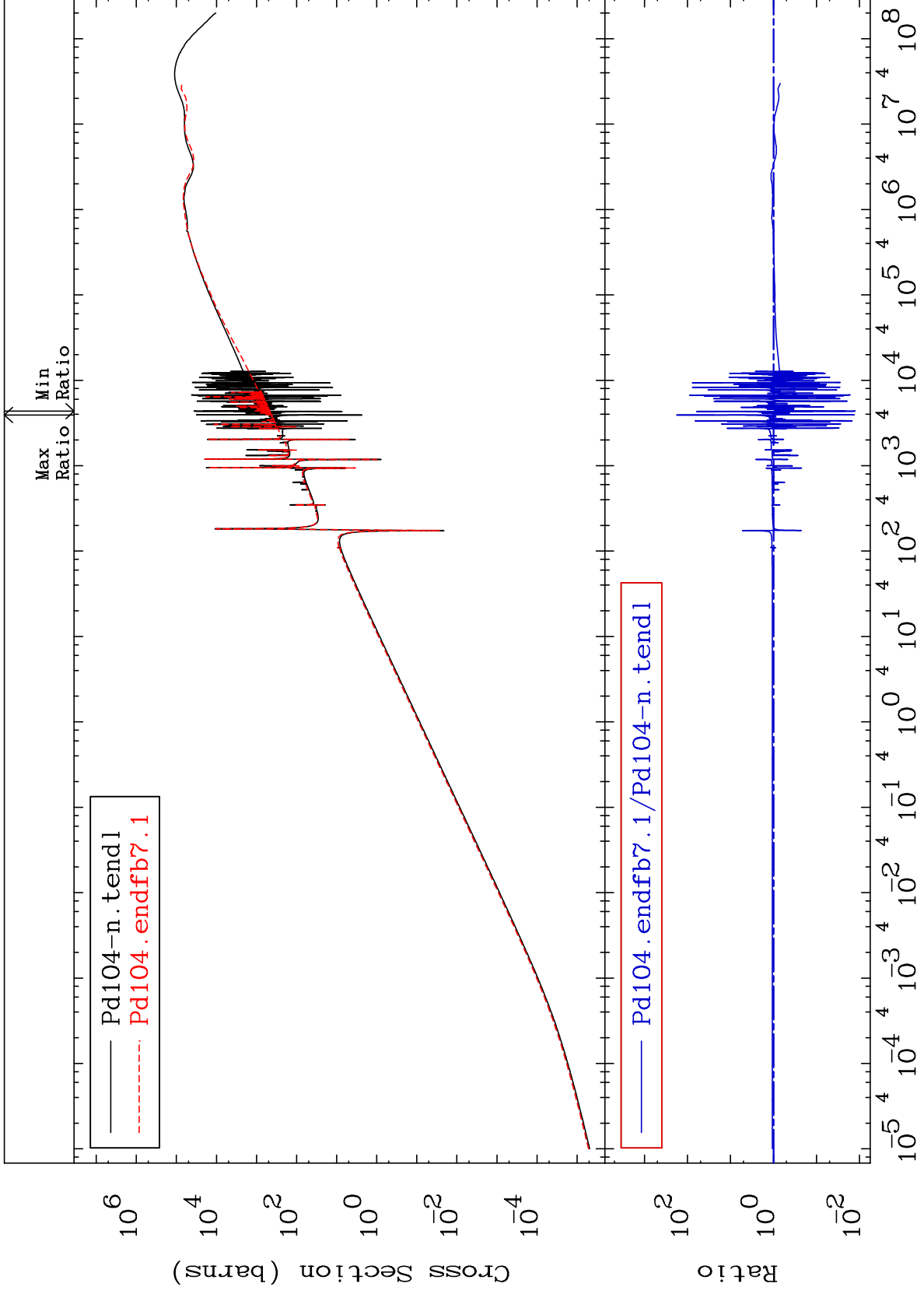
Incident Energy (eV)

46-Pd-104

MAT 4631

Kerma elastic
Cross Section

46-Pd-104
-98.73 To 9999. %



45

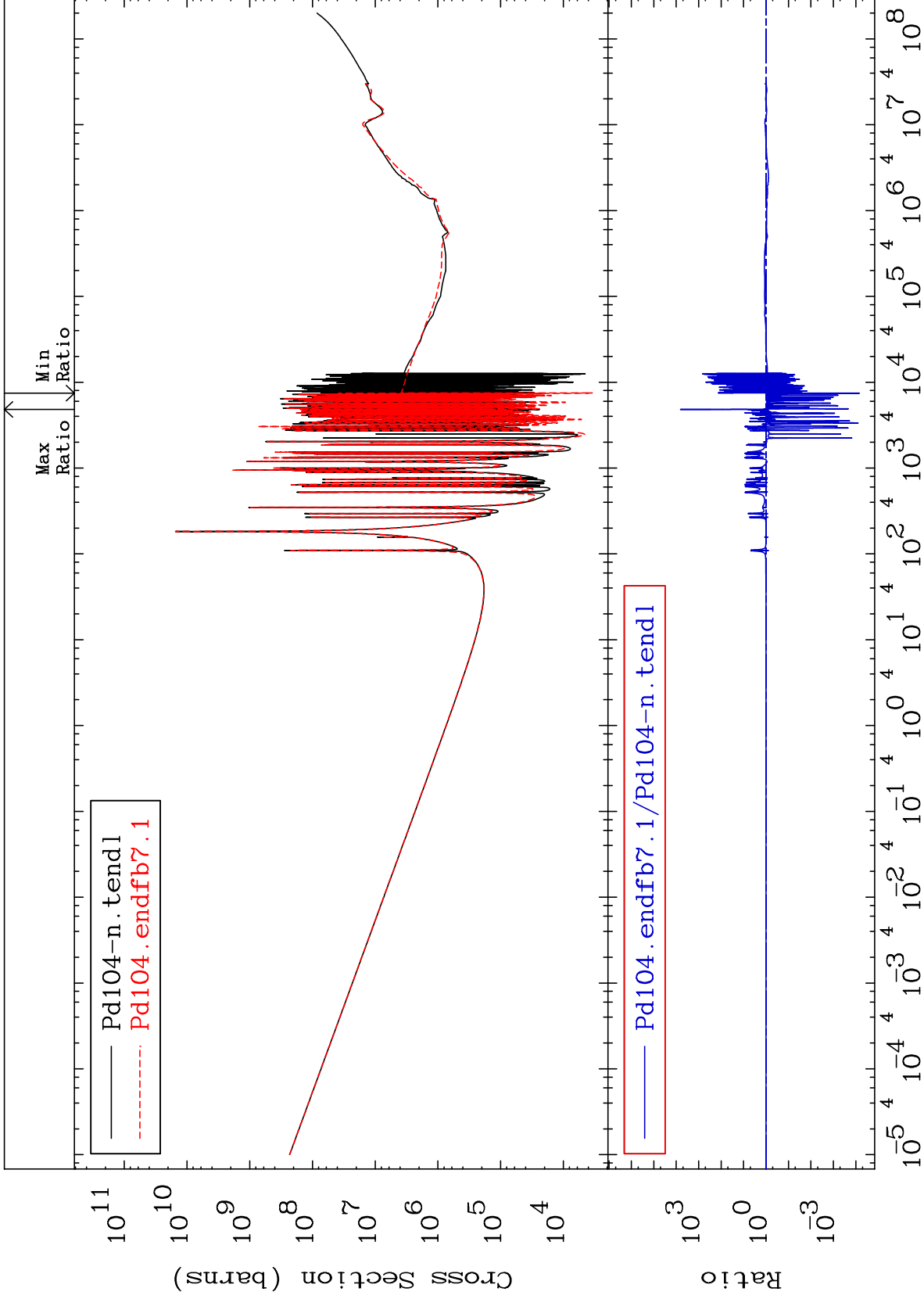
Incident Energy (eV)

46-Pd-104

MAT 4631

Kerma non-elastic (all but mt2)
Cross Section

46-Pd-104
-99.99 To 9999. %



46

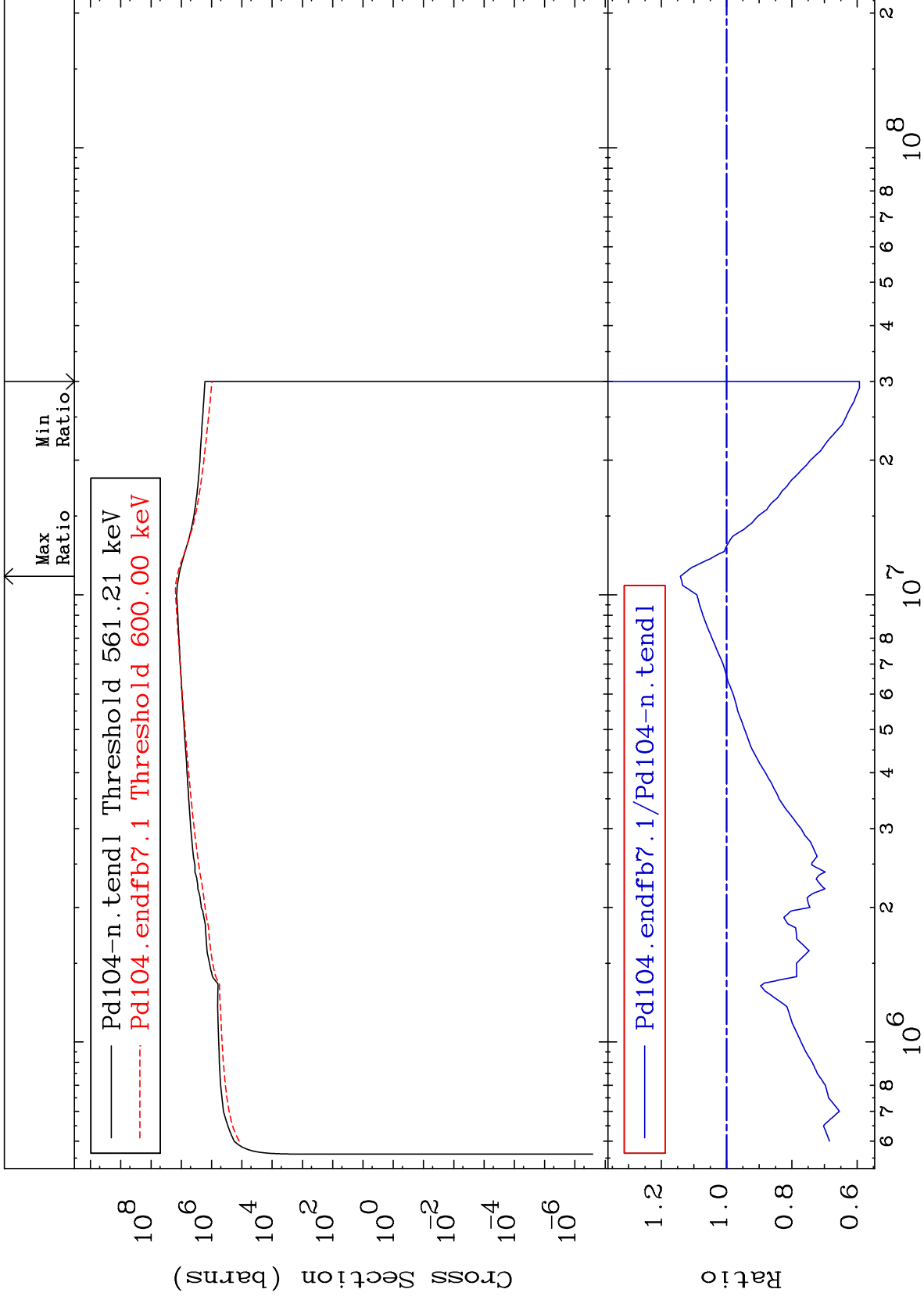
Incident Energy (eV)

46-Pd-104

MAT 4631

Kerma inelastic (mt51-91)
Cross Section

46-Pd-104
-40.70 To 14.16 %



47

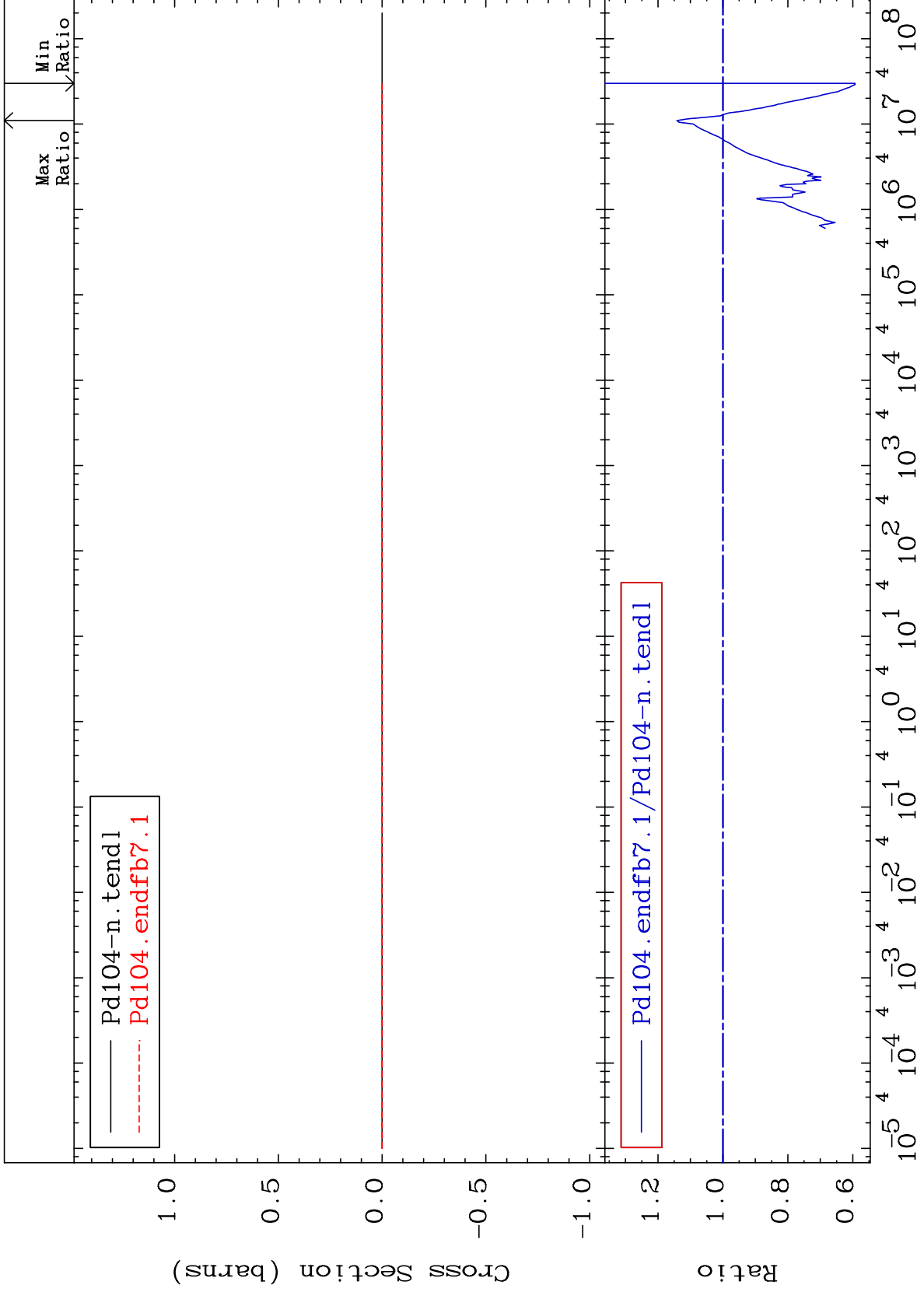
Incident Energy (eV)

46-Pd-104

MAT 4631

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

46-Pd-104
-40.70 To 14.16 %



48

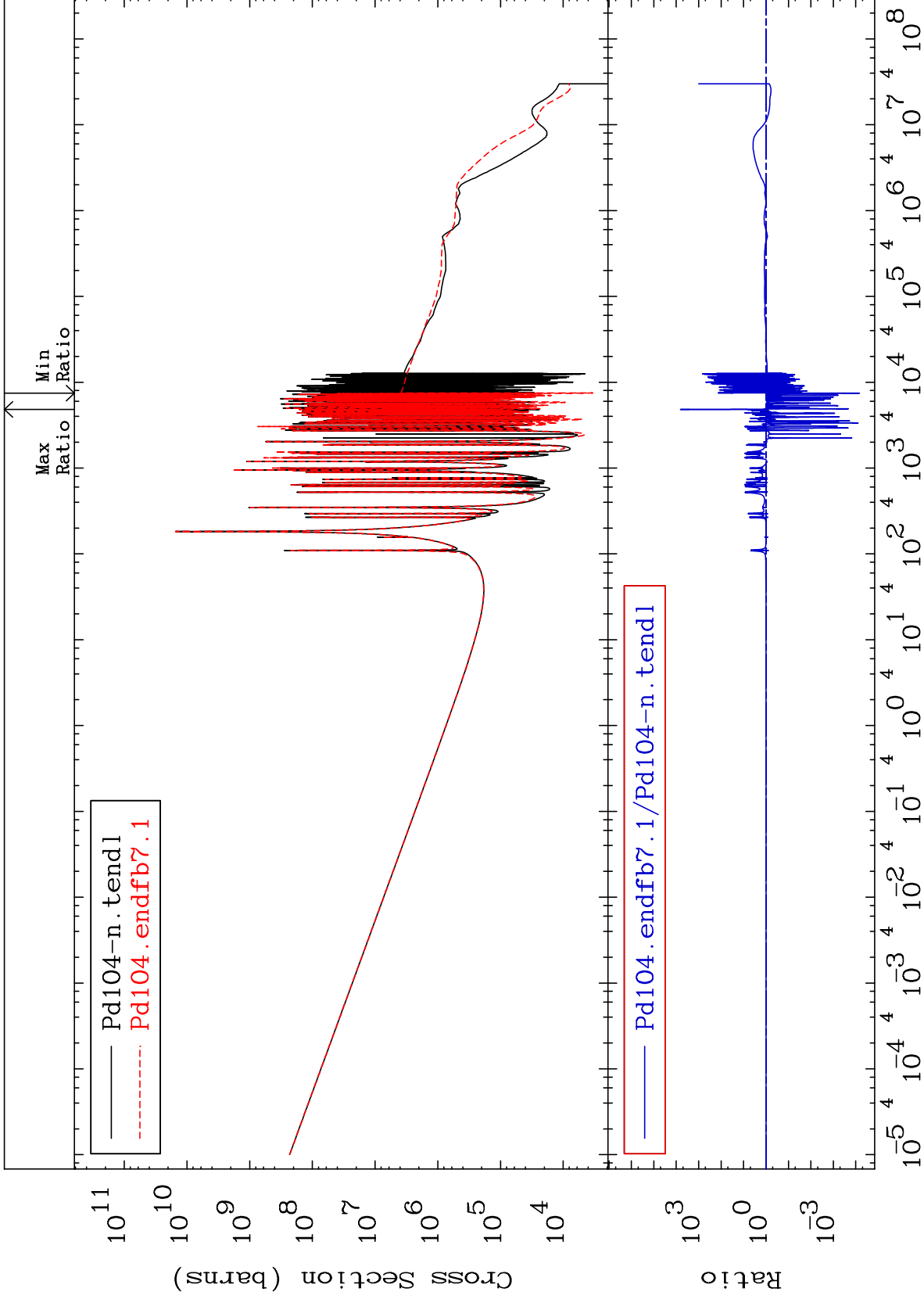
Incident Energy (eV)

46-Pd-104

MAT 4631

Kerma capture (mt102)
Cross Section

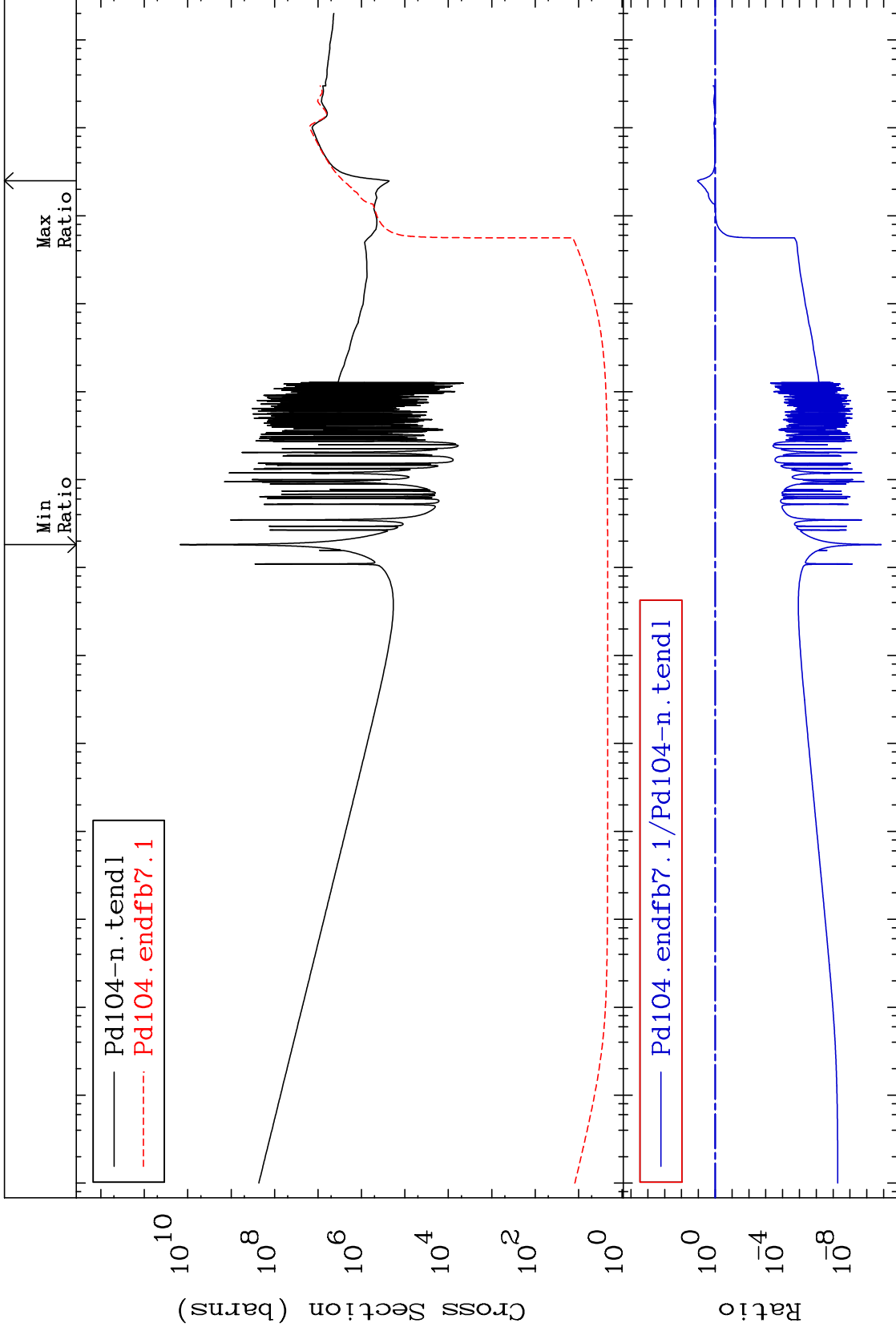
46-Pd-104
-99.99 To 9999. %



MAT 4631

Total photon (eV-barns)
Cross Section

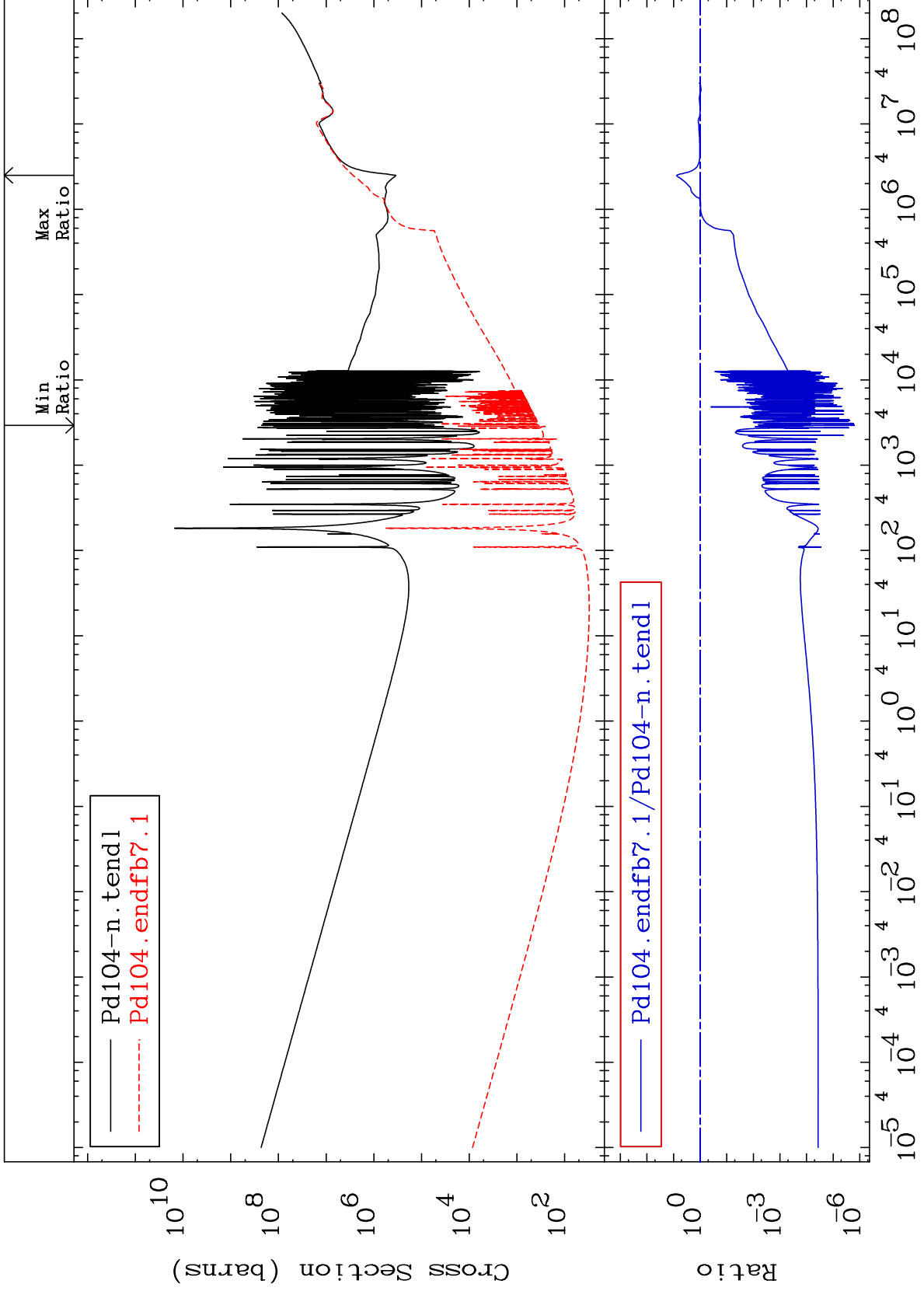
46-Pd-104
-100.0 To 1023. %



MAT 4631

Total kinematic kerma (high limit)
Cross Section

46-Pd-104
-100.0 To 685.3 %



51

Incident Energy (eV)

46-Pd-104

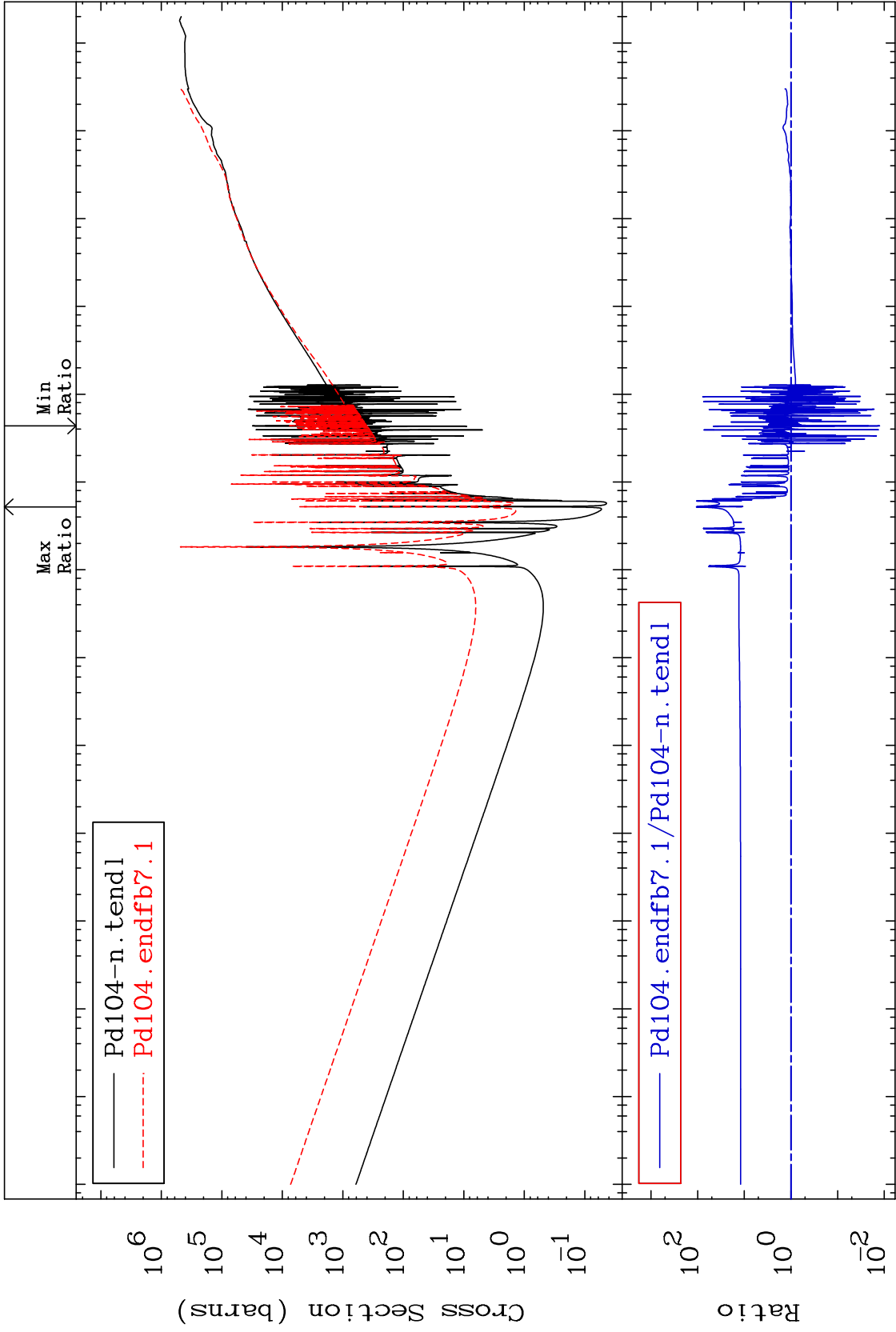
MAT 4631

Dpa total (eV-barns)

46-Pd-104

-98.73 To 9999. %

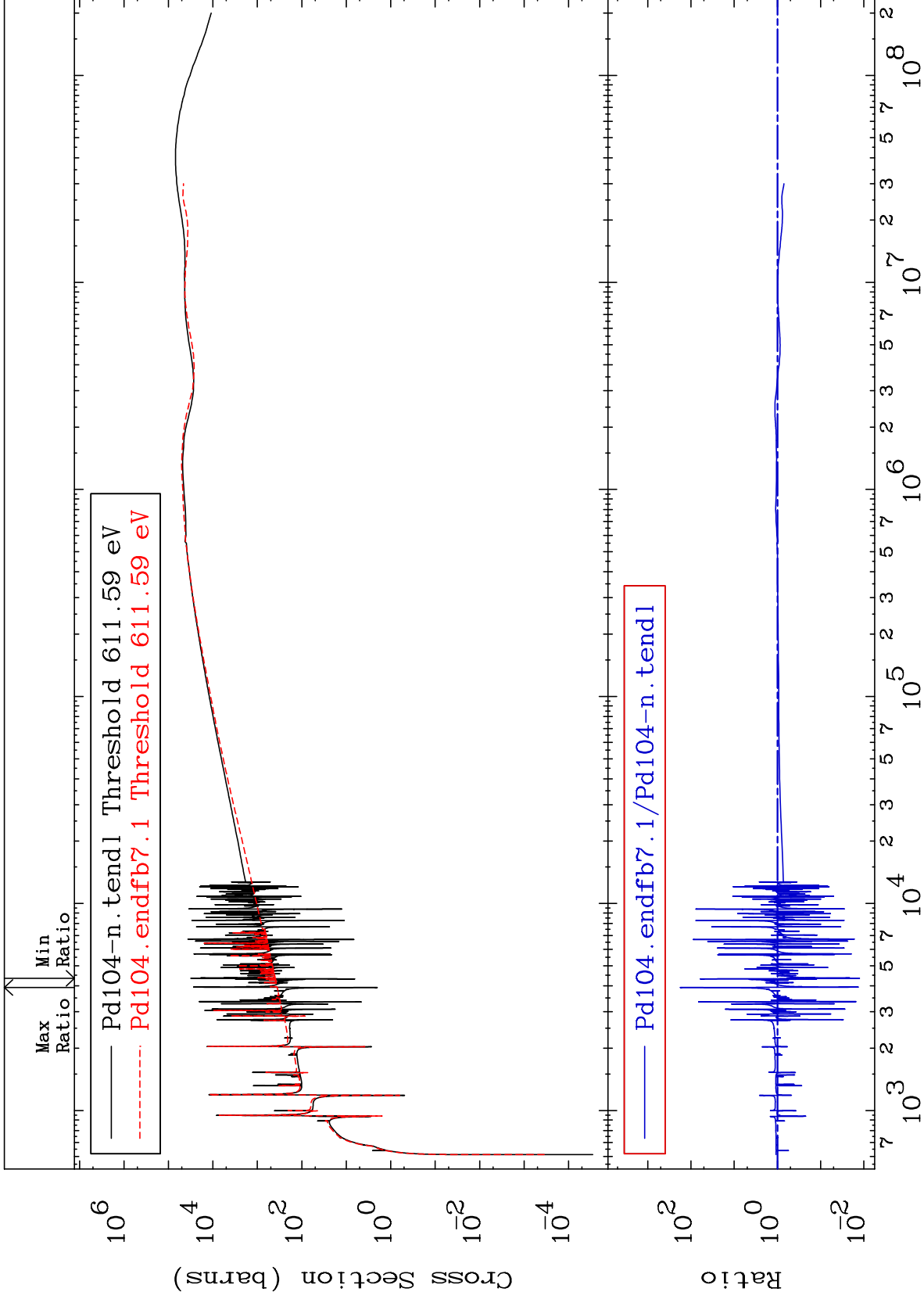
Cross Section

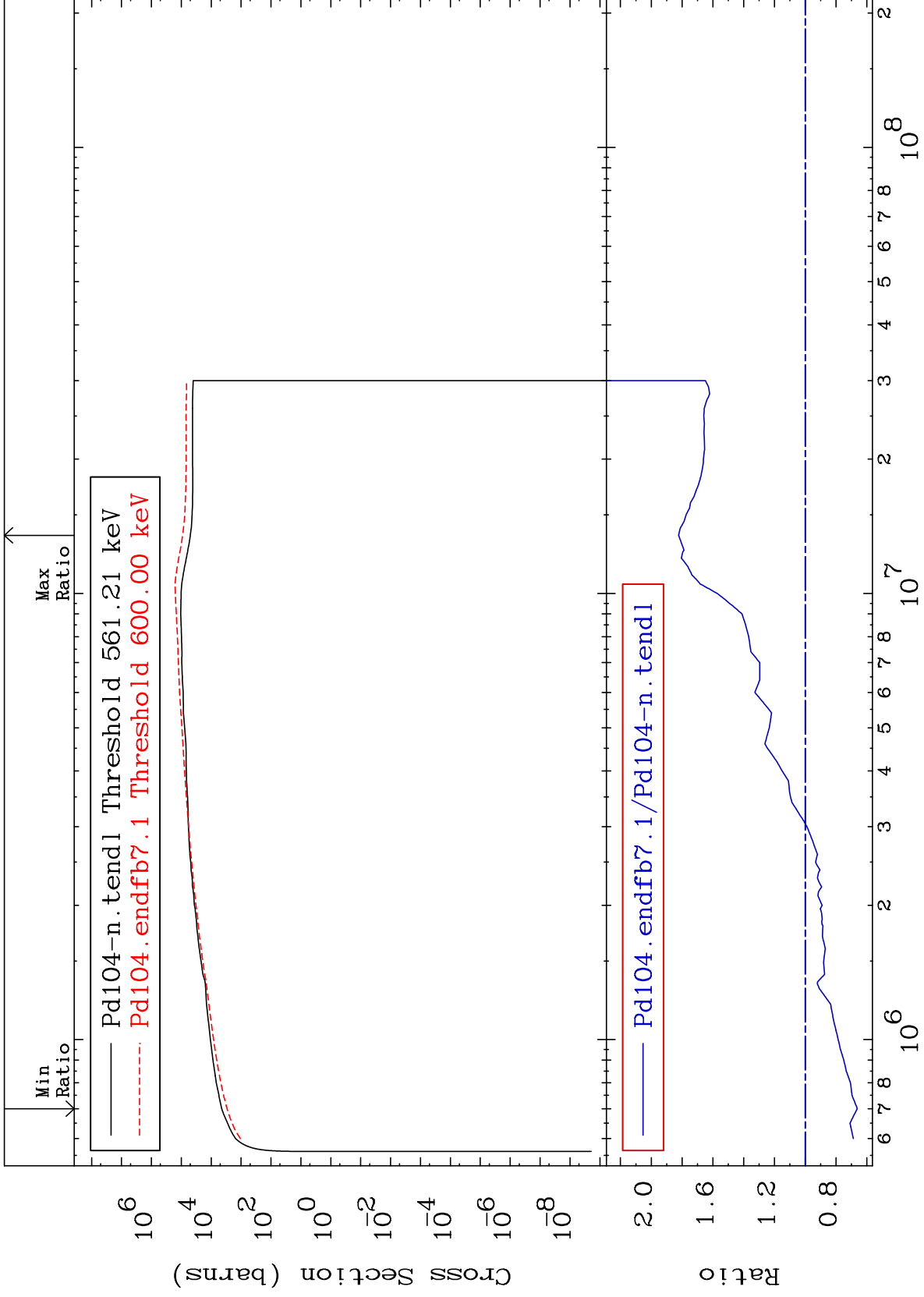


52

Incident Energy (eV)

46-Pd-104

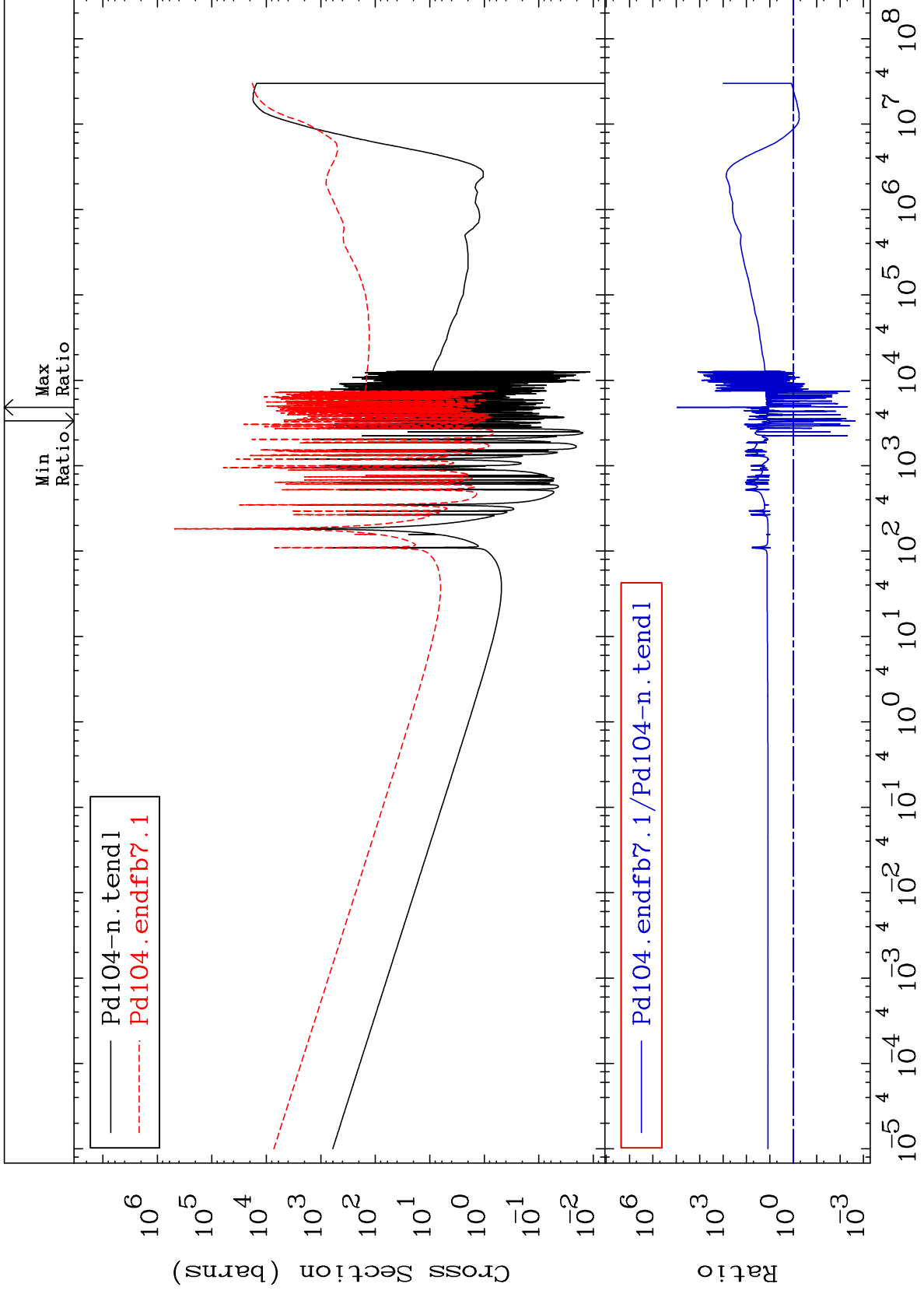




MAT 4631

Dpa disappearance (mt102 -120)
Cross Section

46-Pd-104
-99.77 To 9999. %



55

Incident Energy (eV)

46-Pd-104