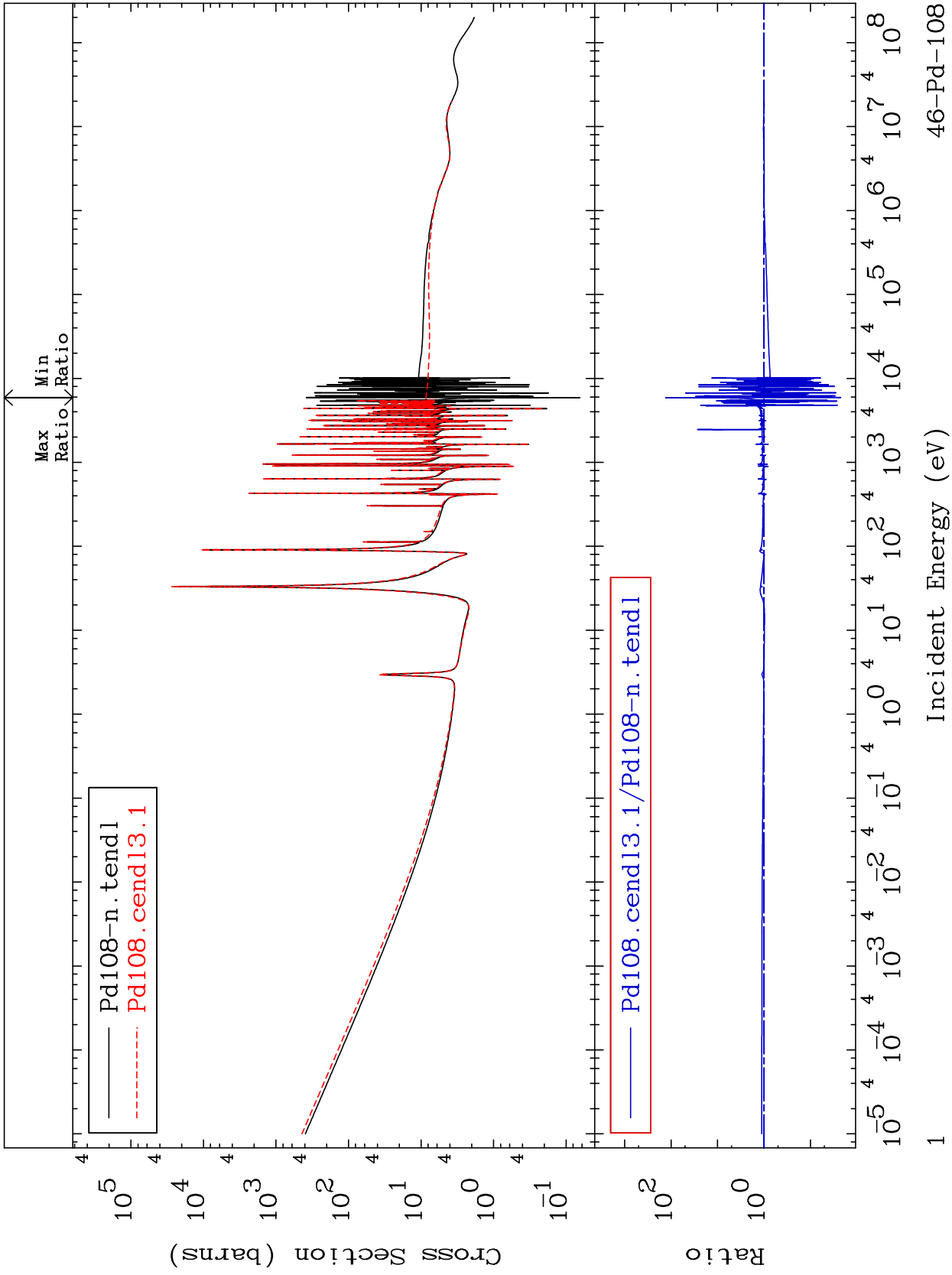


MAT 4643

Total
Cross Section

46-Pd-108
-97.76 To 9999. %



Incident Energy (eV)

46-Pd-108

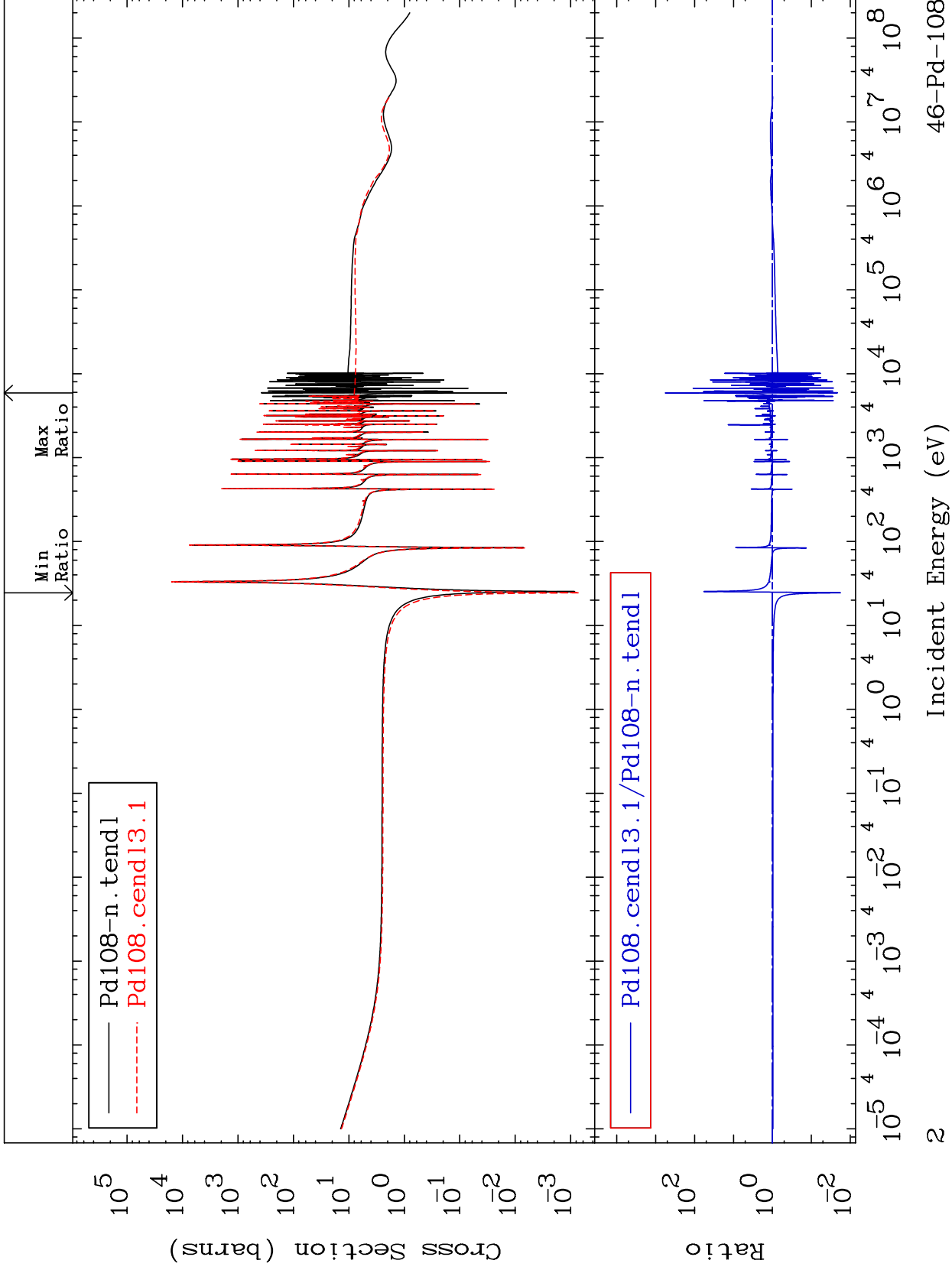
MAT 4643

Elastic

Cross Section

46-Pd-108

-98.24 To 9999. %

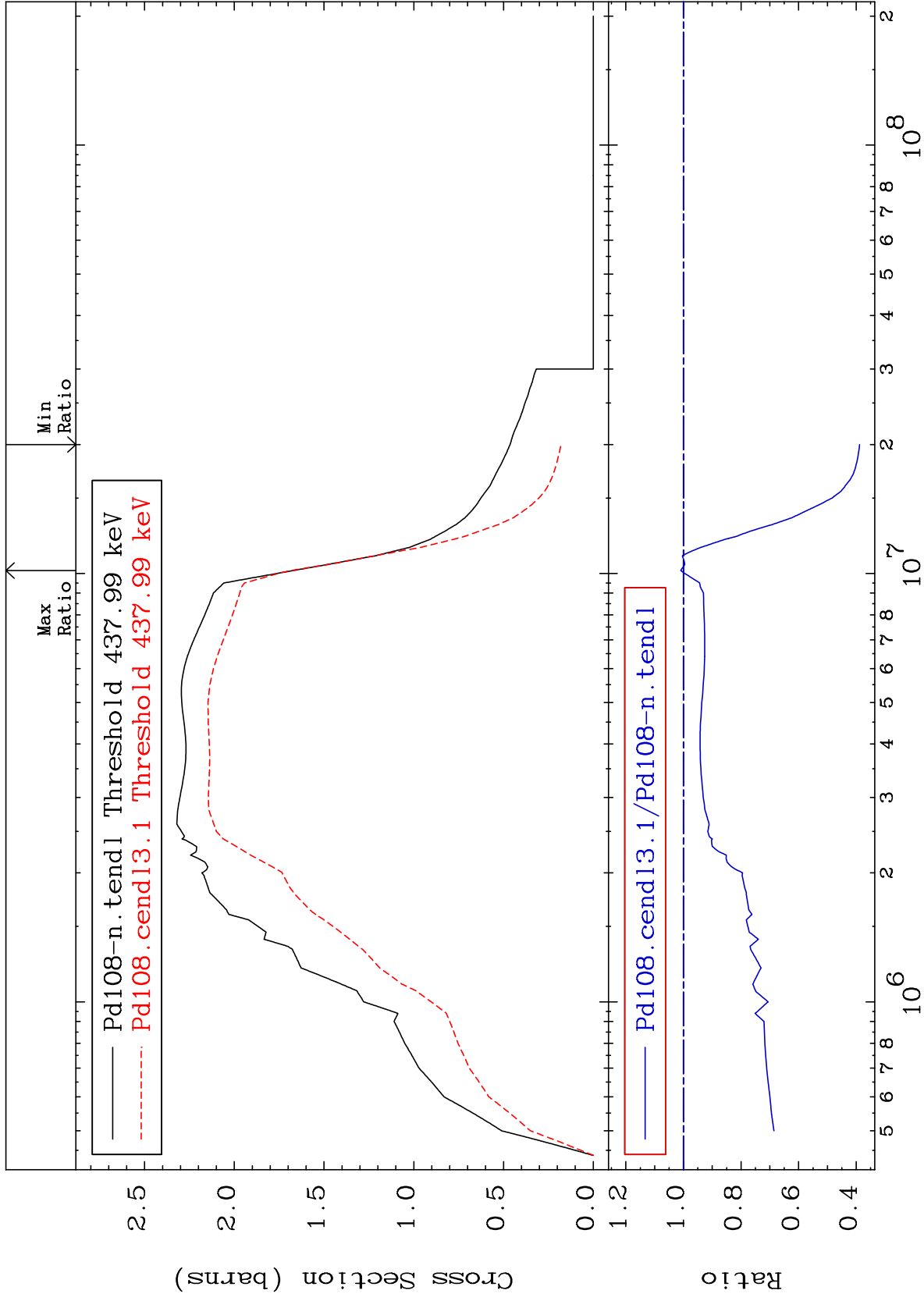


MAT 4643

46-Pd-108

-61.16 To 0.932 %

Inelastic
Cross Section



3

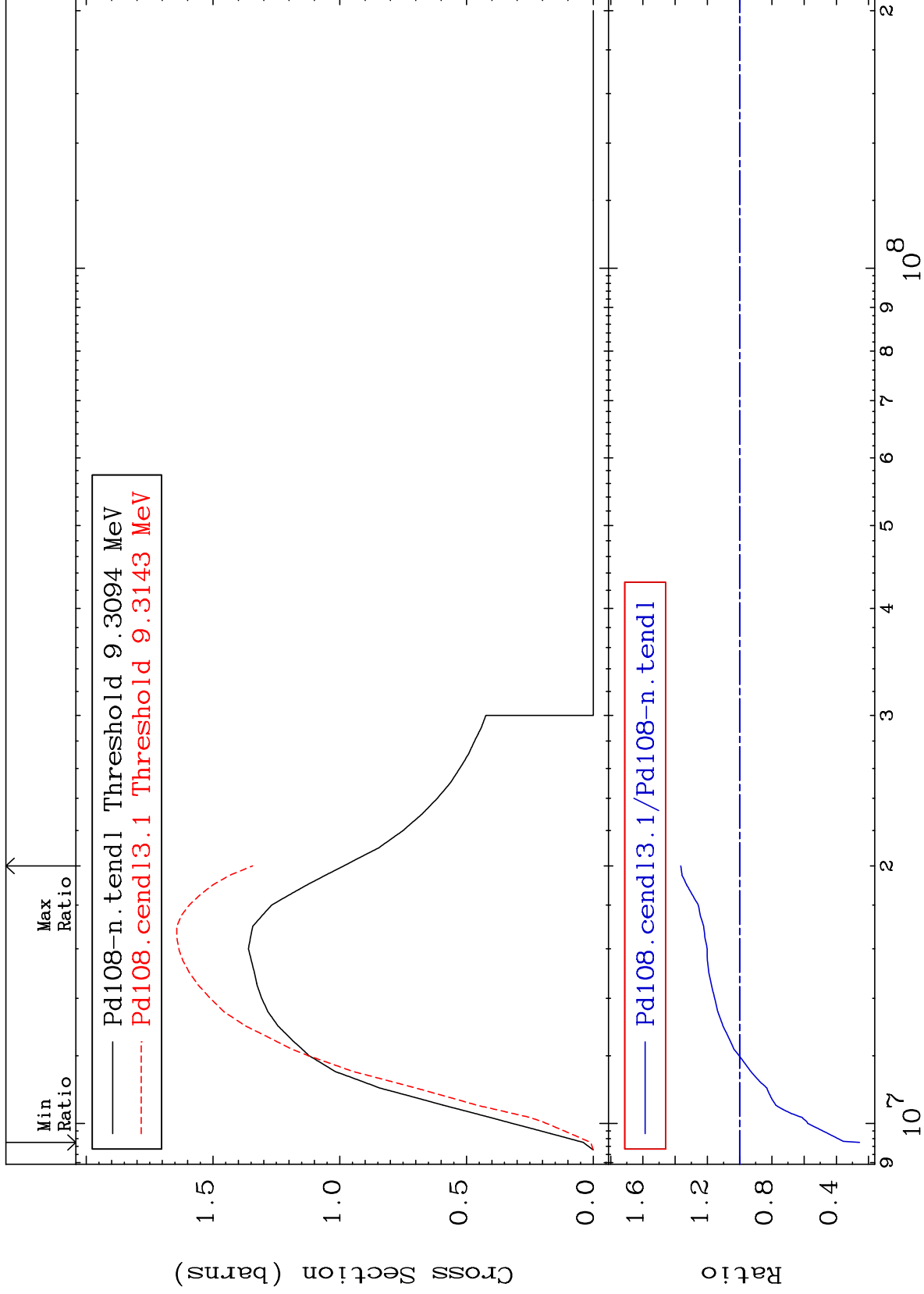
Incident Energy (eV)

46-Pd-108

MAT 4643

(n,2n)
Cross Section

46-Pd-108
-74.39 To 36.52 %



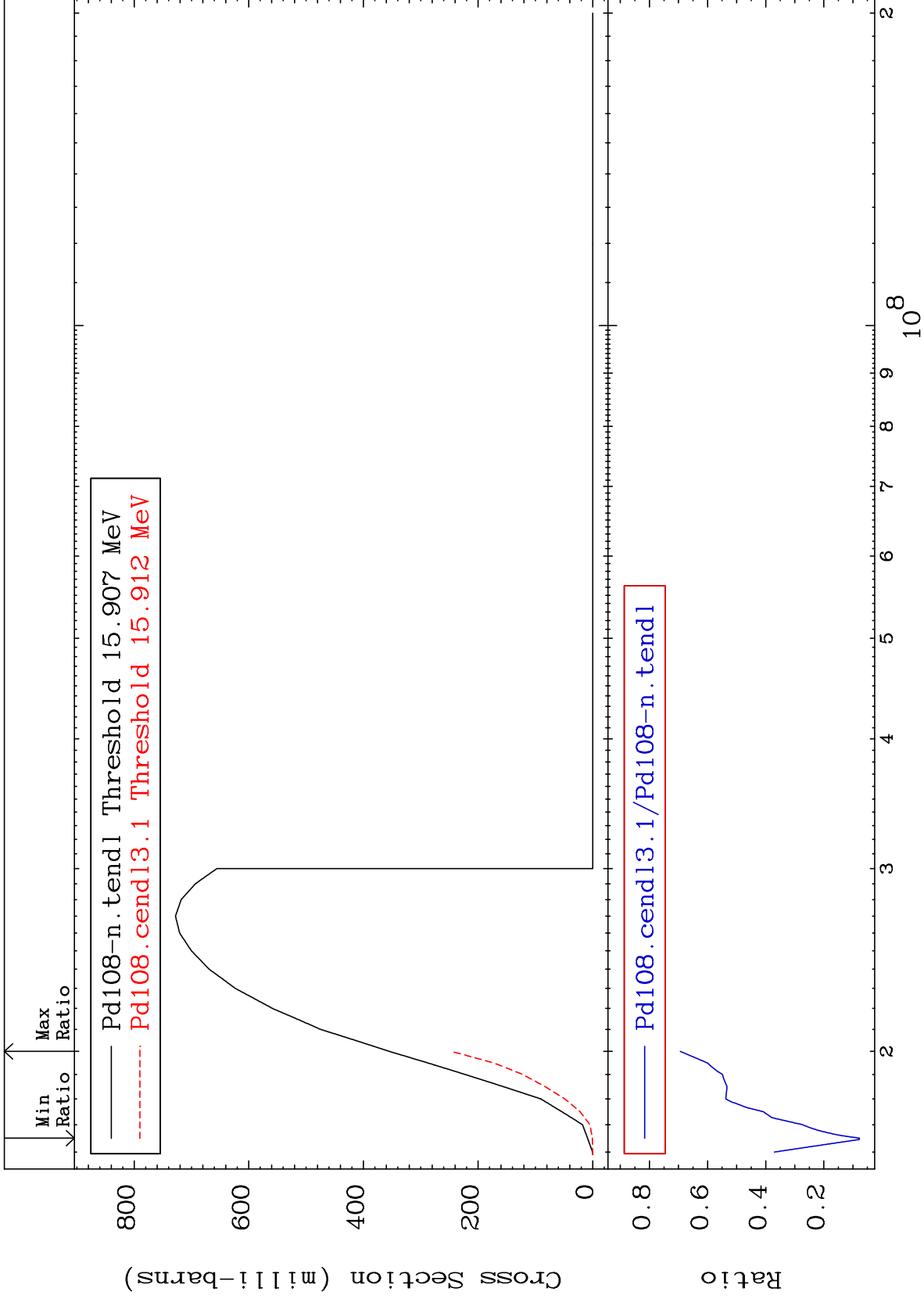
46-Pd-108

Incident Energy (eV)

MAT 4643

(n,3n)
Cross Section

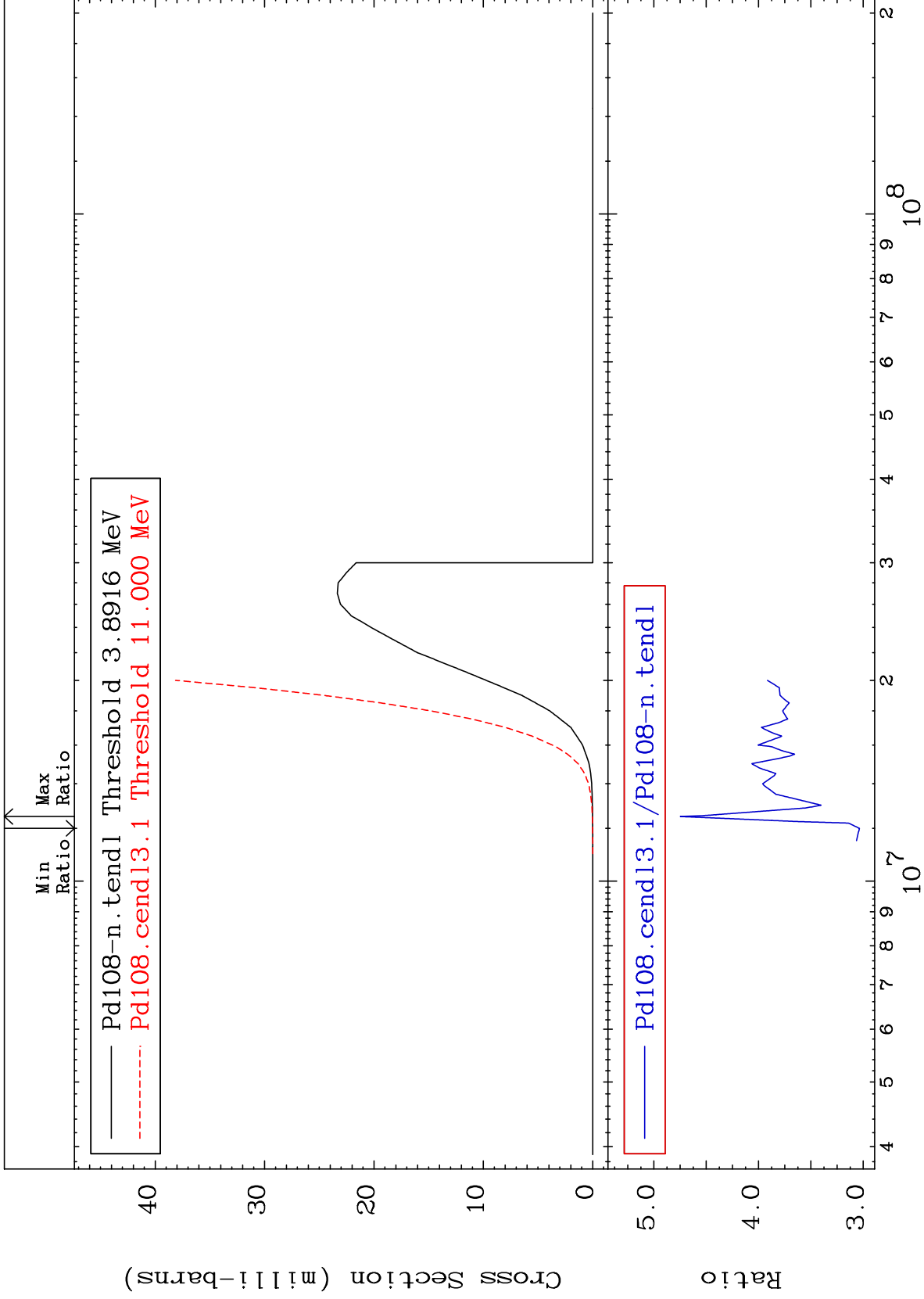
46-Pd-108
-92.24 To -30.64%



MAT 4643

(n,n') α
Cross Section

46-Pd-108
203.6 To 374.7 %



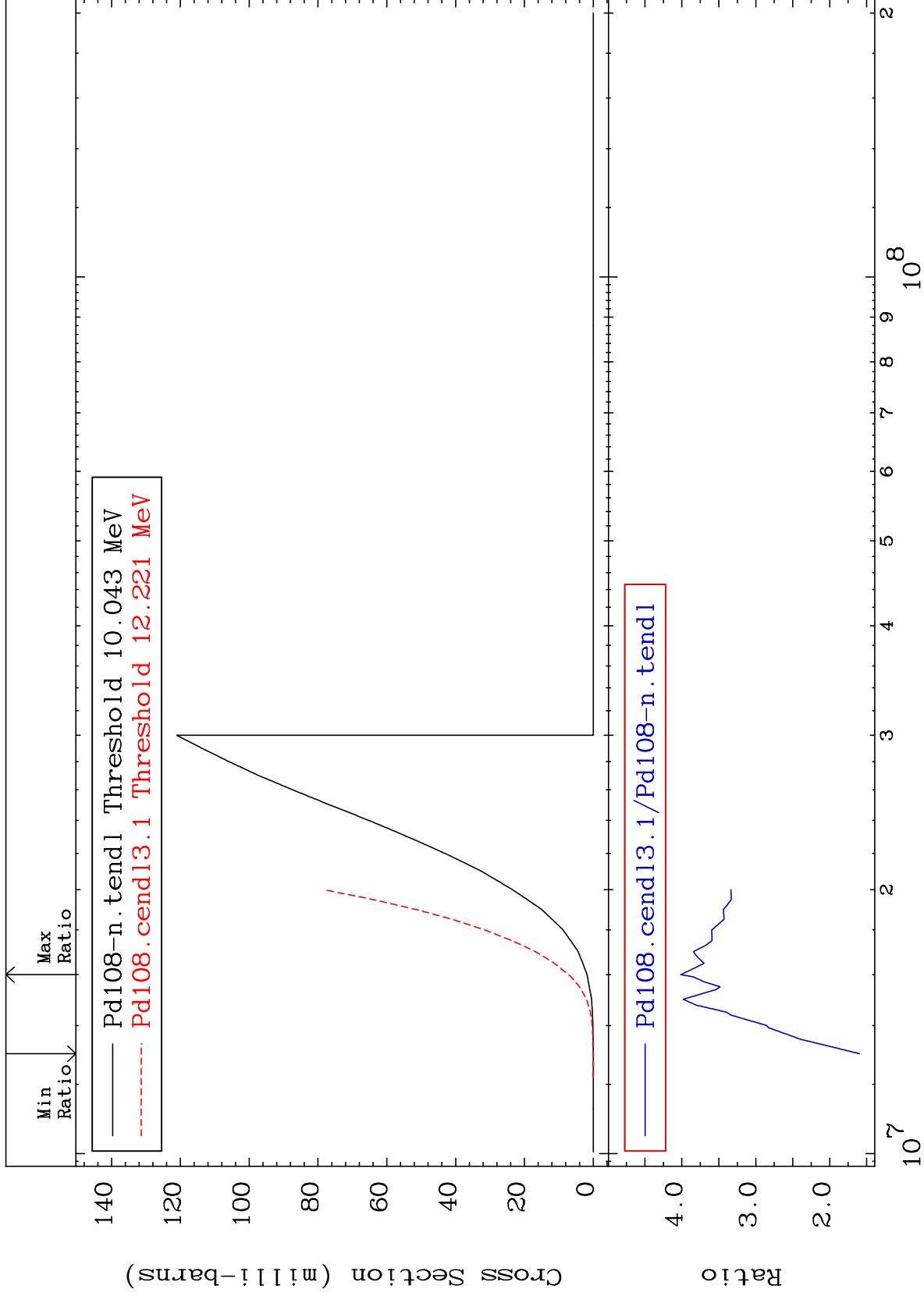
6

46-Pd-108

MAT 4643

(n,n') p
Cross Section

46-Pd-108
59.62 To 301.5 %

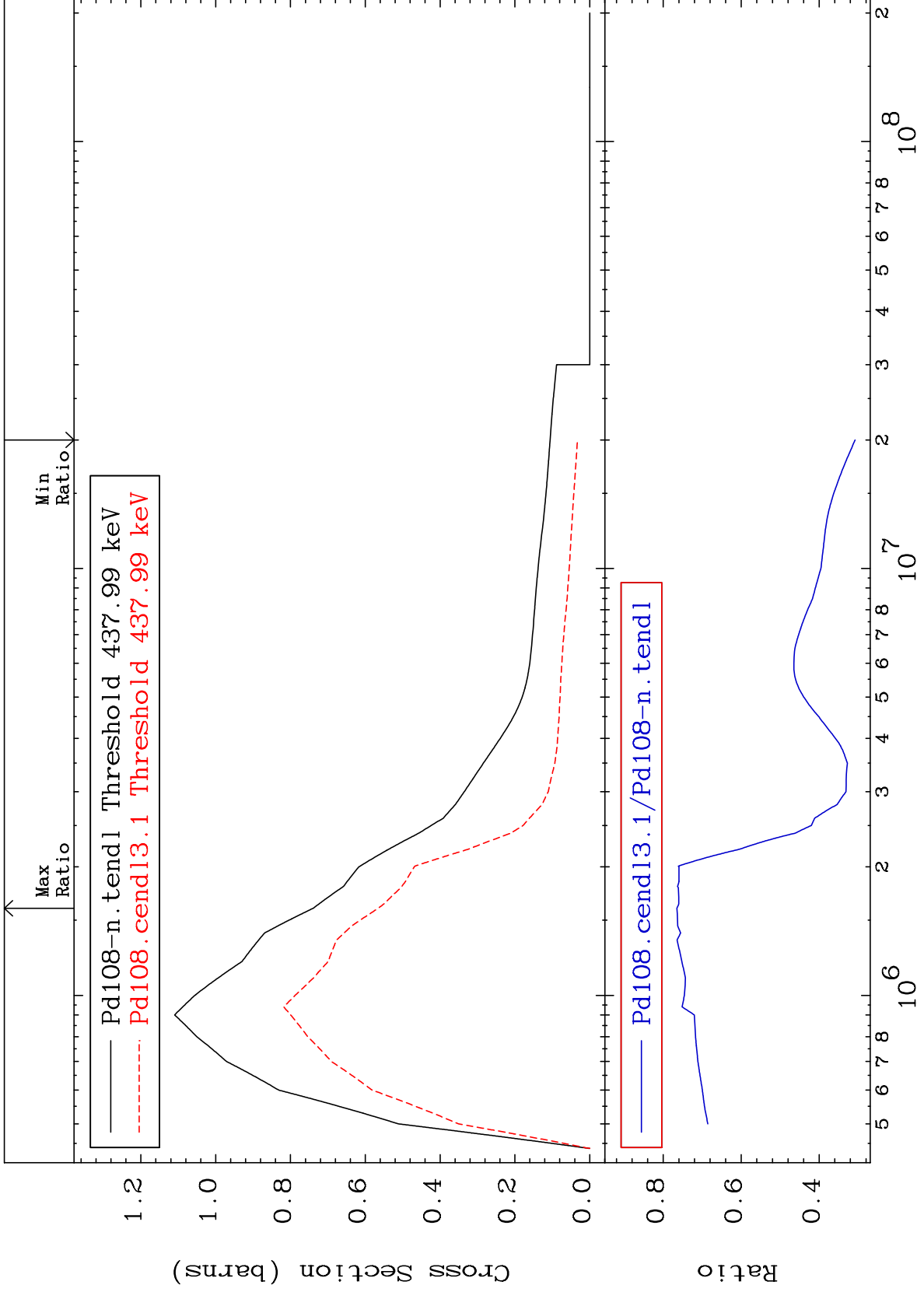


46-Pd-108

MAT 4643

433.9 keV (n,n') Level
Cross Section

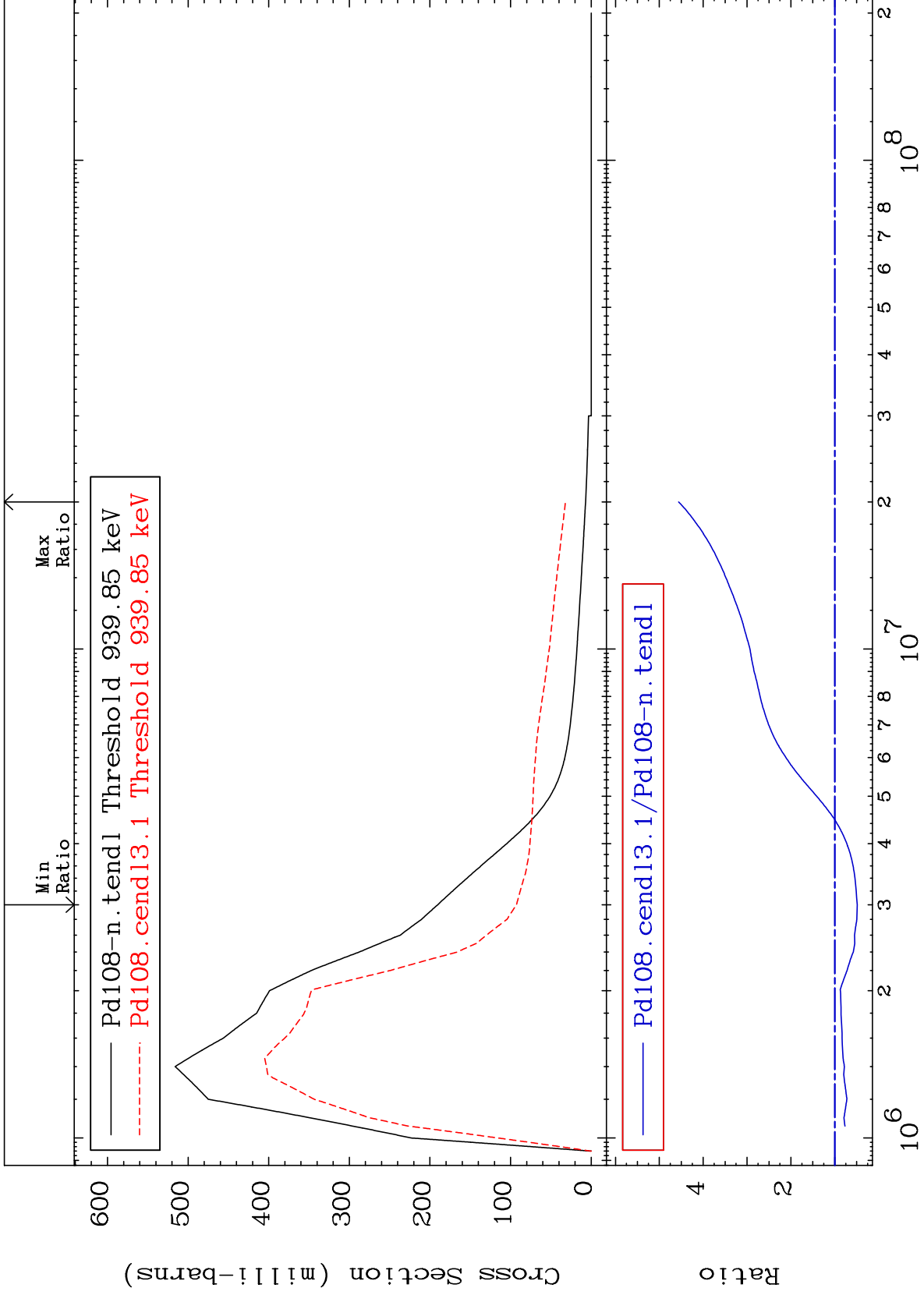
46-Pd-108
-69.20 To -23.50%



MAT 4643

931.2 keV (n,n') Level
Cross Section

46-Pd-108
-51.31 To 356.0 %



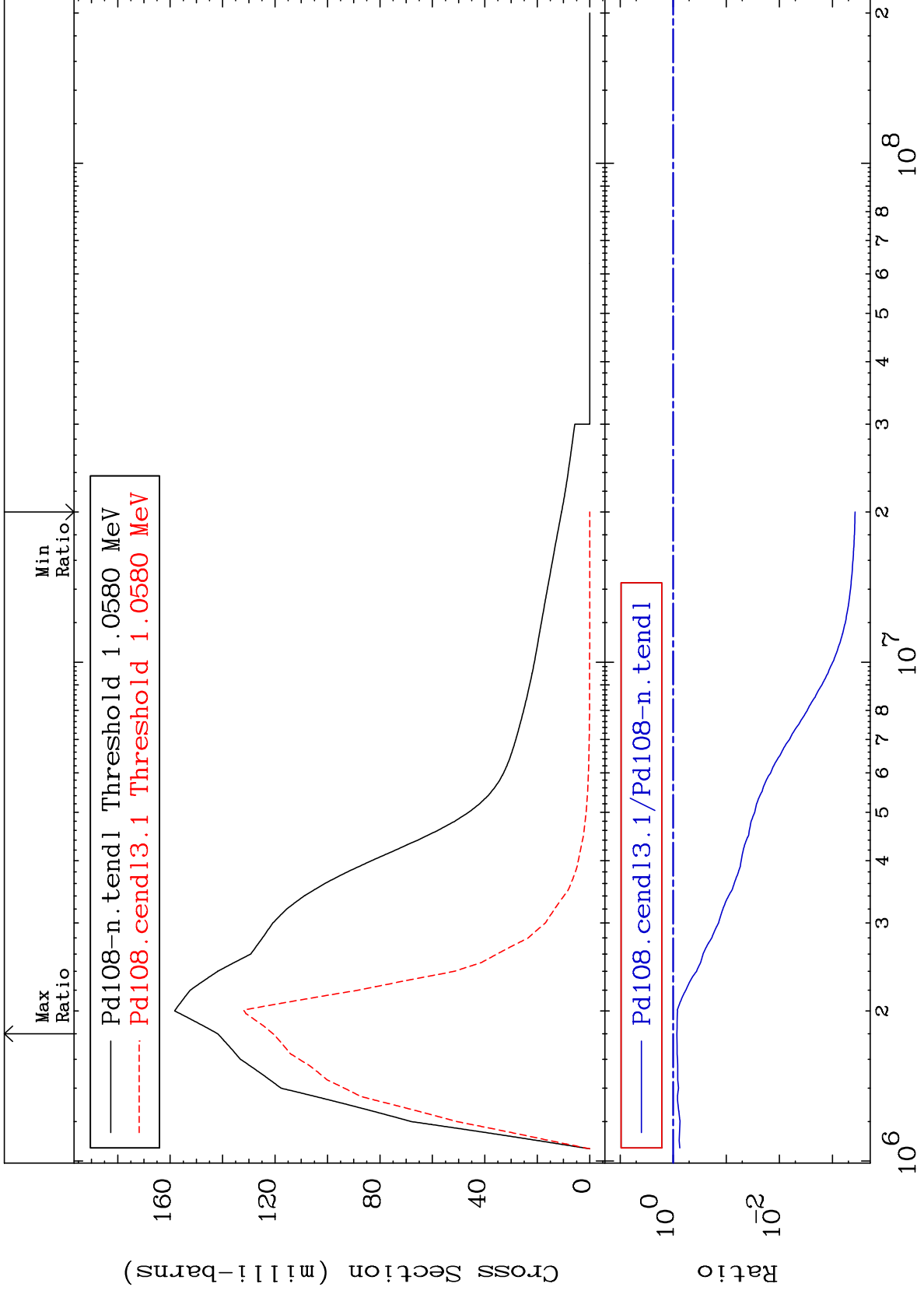
Incident Energy (eV)

46-Pd-108

MAT 4643

1.048 MeV (n,n') Level
Cross Section

46-Pd-108
-99.96 To -14.85%



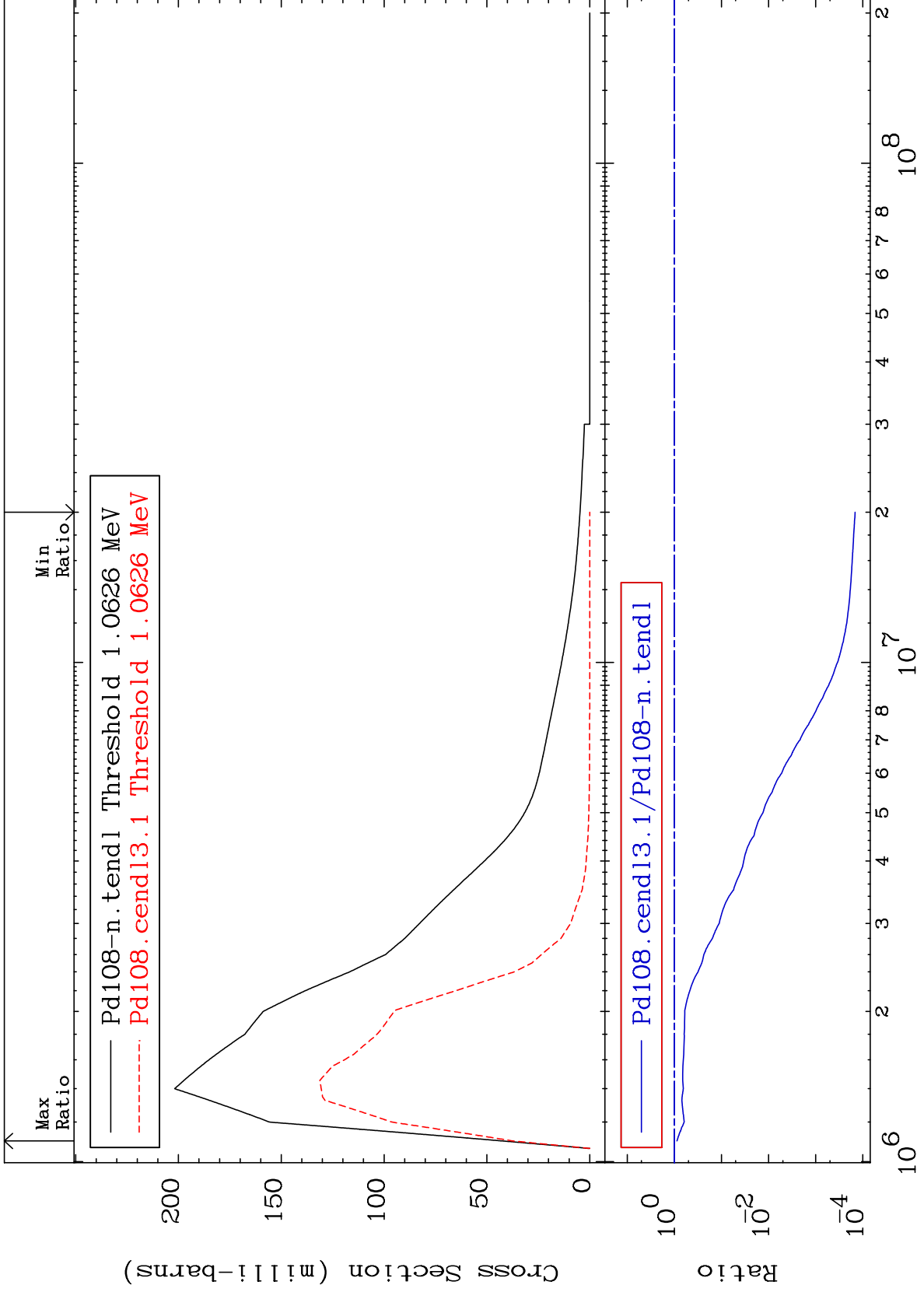
Incident Energy (eV)

46-Pd-108

MAT 4643

1.053 MeV (n,n') Level
Cross Section

46-Pd-108
-99.99 To -11.81%



11

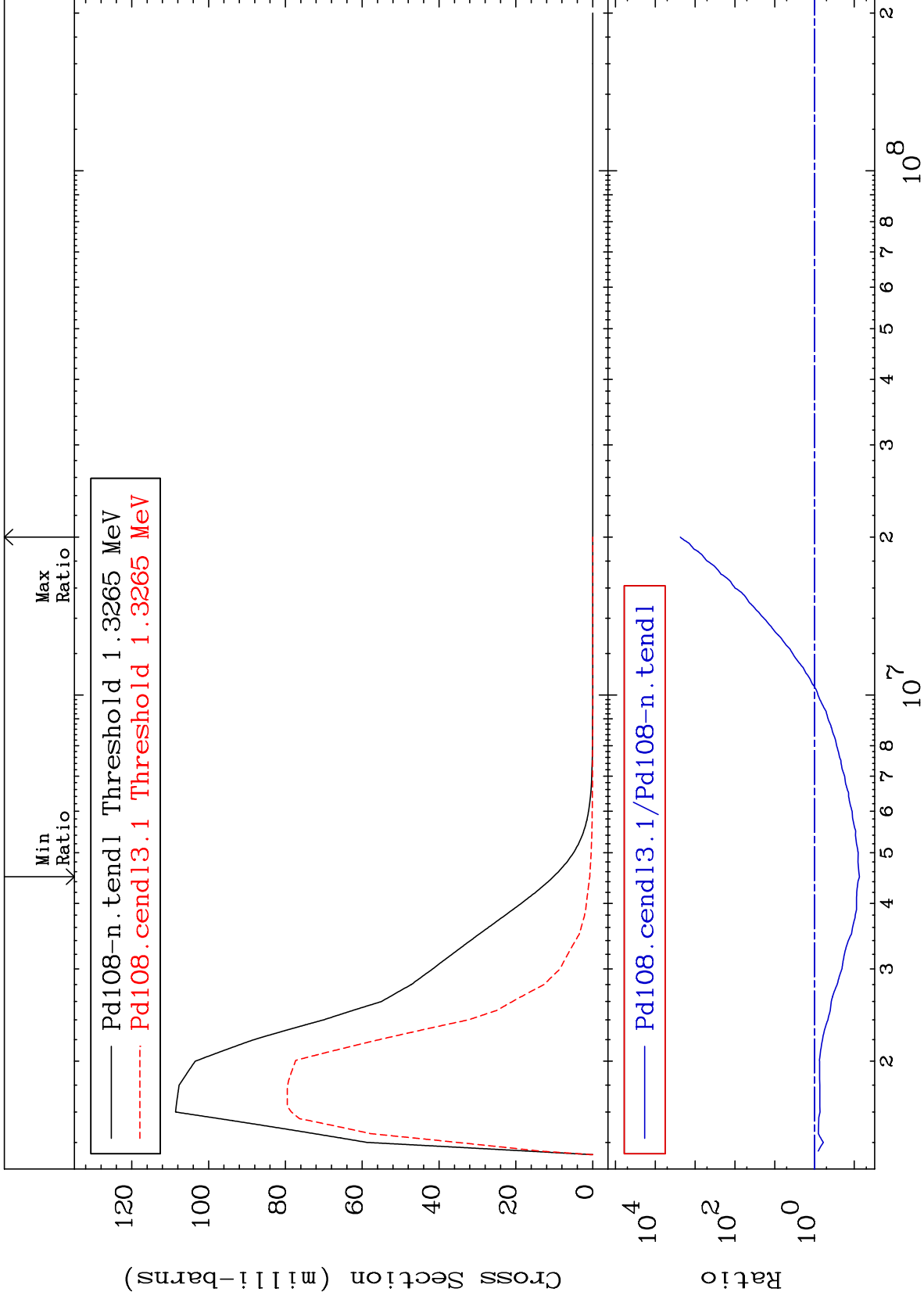
Incident Energy (eV)

46-Pd-108

MAT 4643

1.314 MeV (n,n') Level
Cross Section

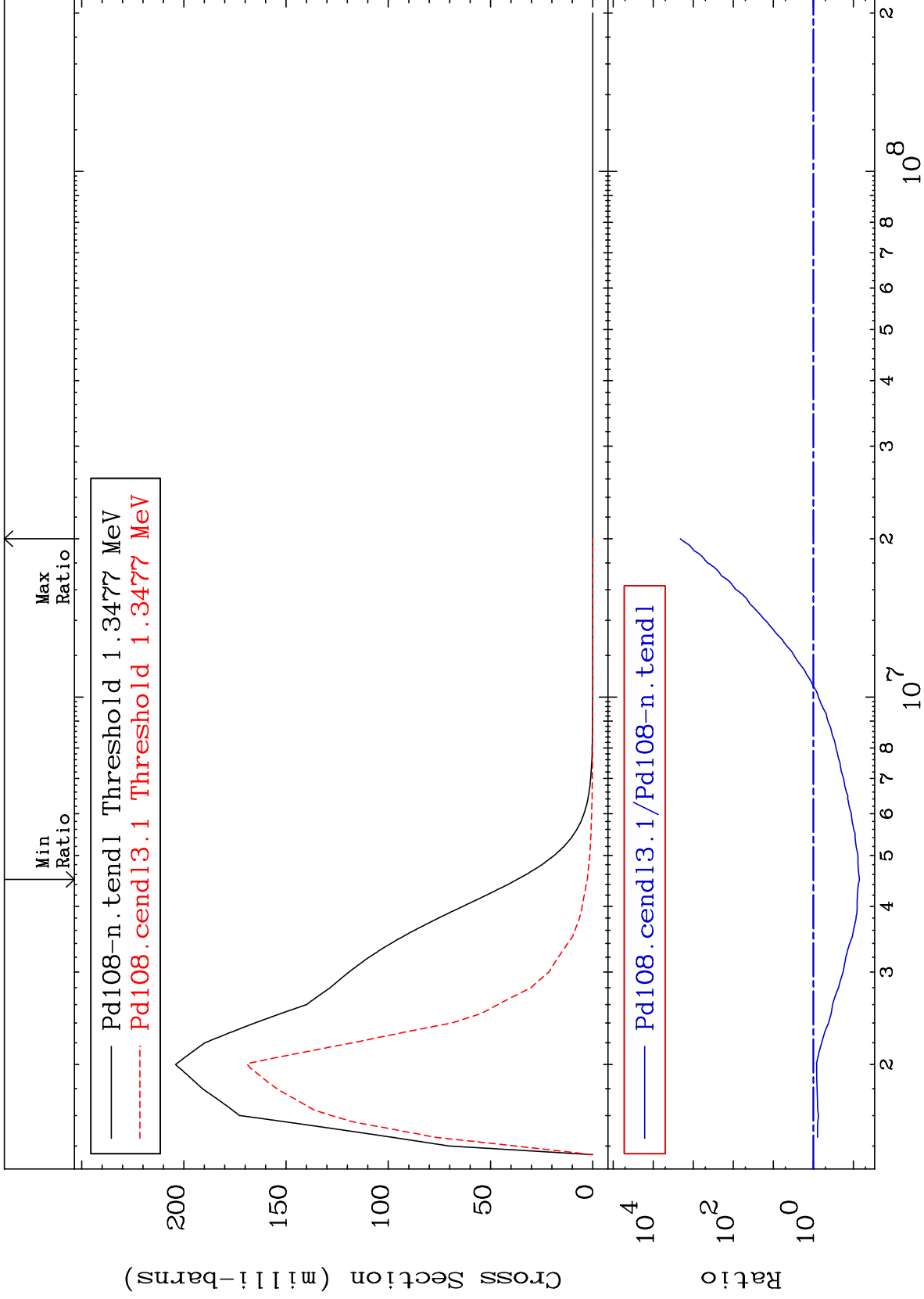
46-Pd-108
-92.57 To 9999. %



MAT 4643

1.335 MeV (n,n') Level
Cross Section

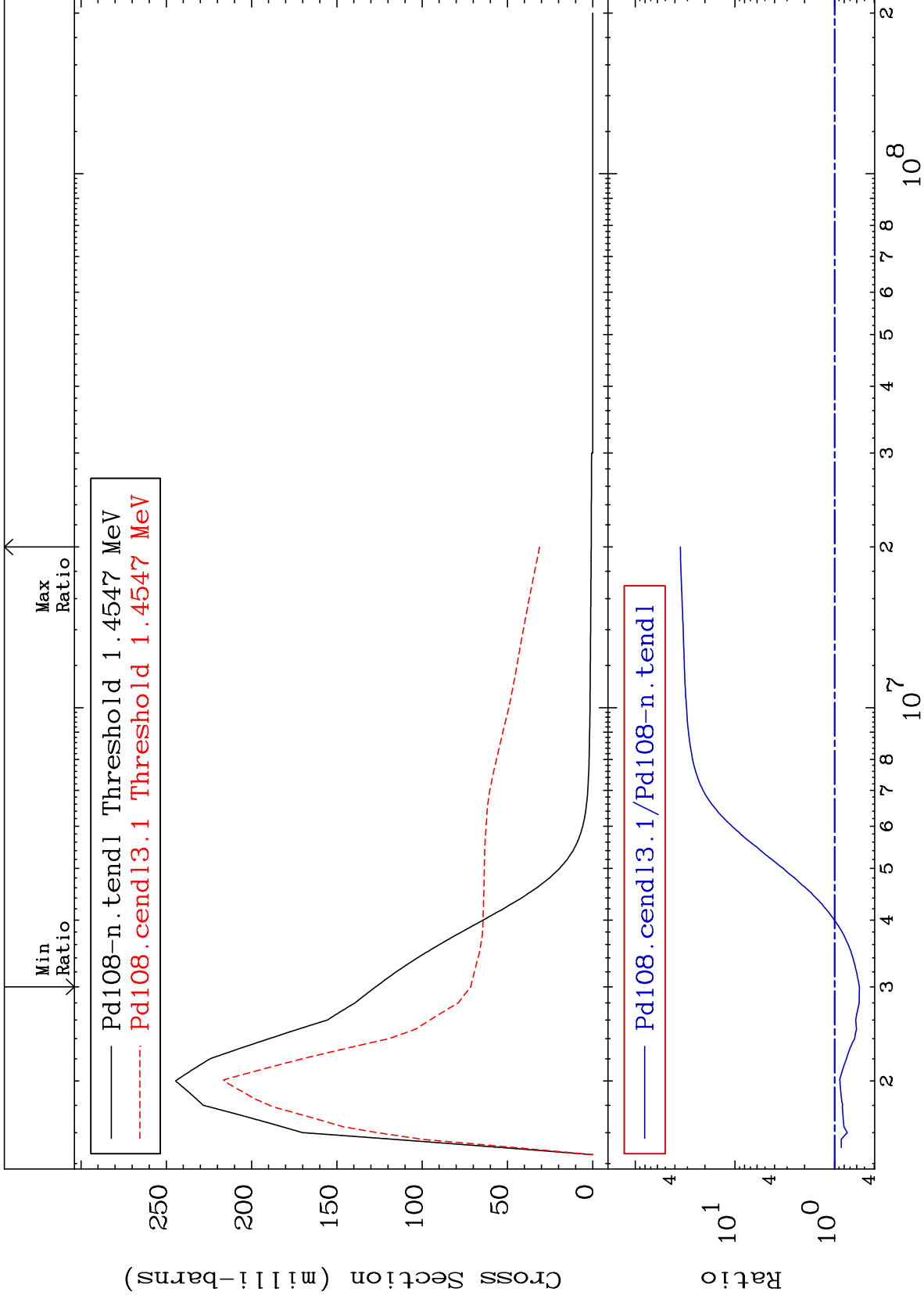
46-Pd-108
-92.93 To 9999. %



MAT 4643

1.441 MeV (n,n') Level
Cross Section

46-Pd-108
-43.77 To 3433. %



14

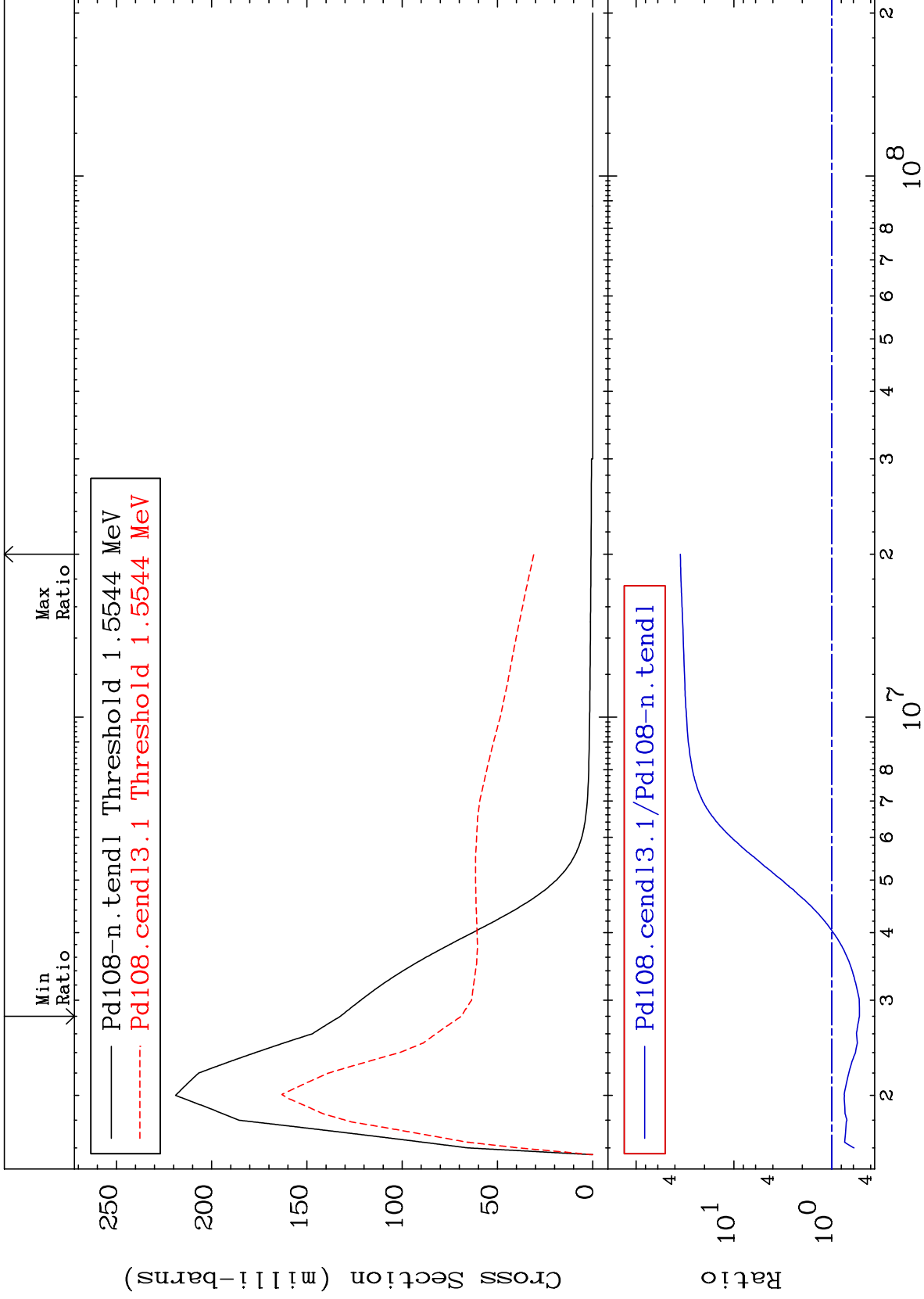
Incident Energy (eV)

46-Pd-108

MAT 4643

1.540 MeV (n,n') Level
Cross Section

46-Pd-108
-47.91 To 3424. %



15

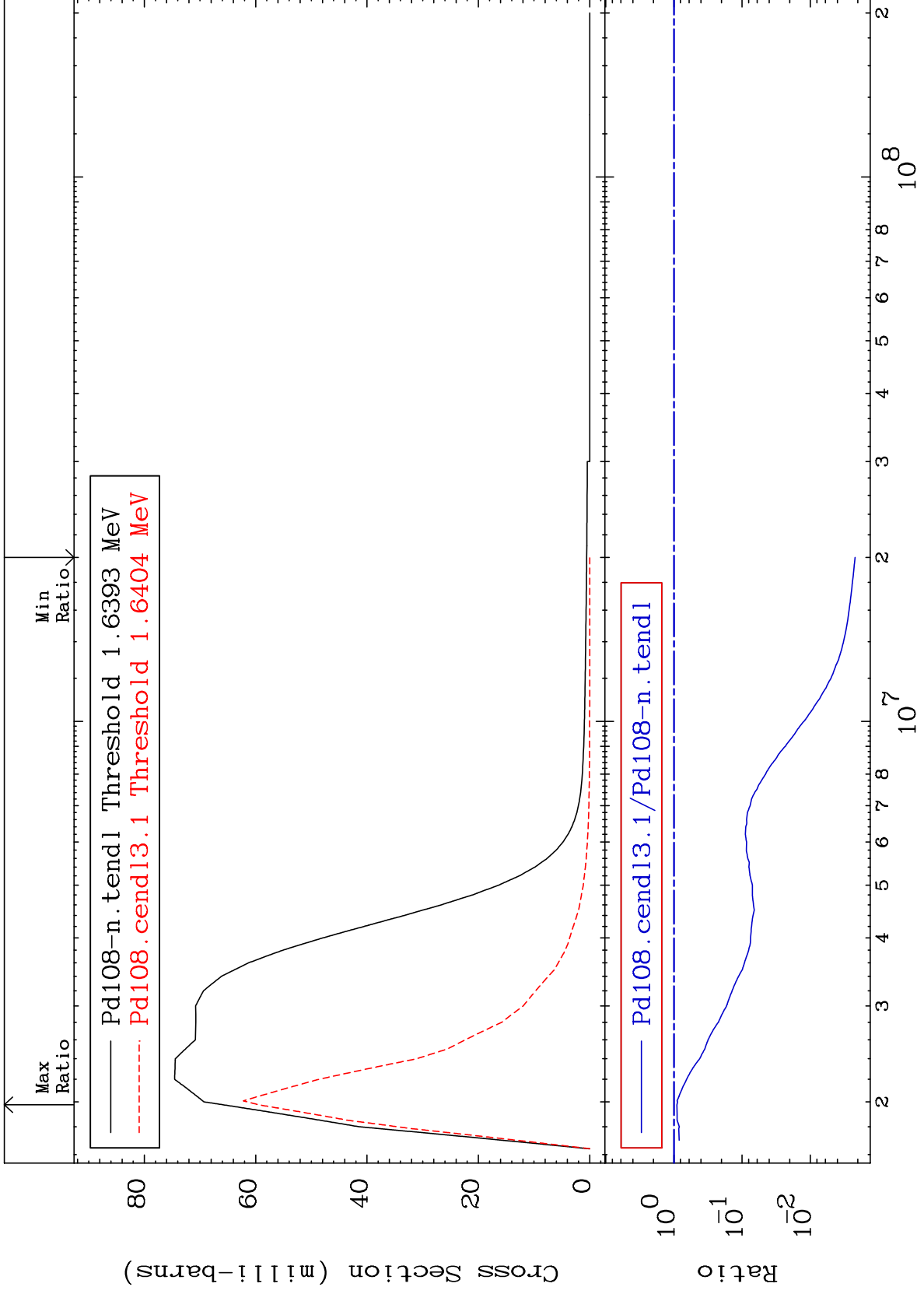
Incident Energy (eV)

46-Pd-108

MAT 4643

1.624 MeV (n,n') Level
Cross Section

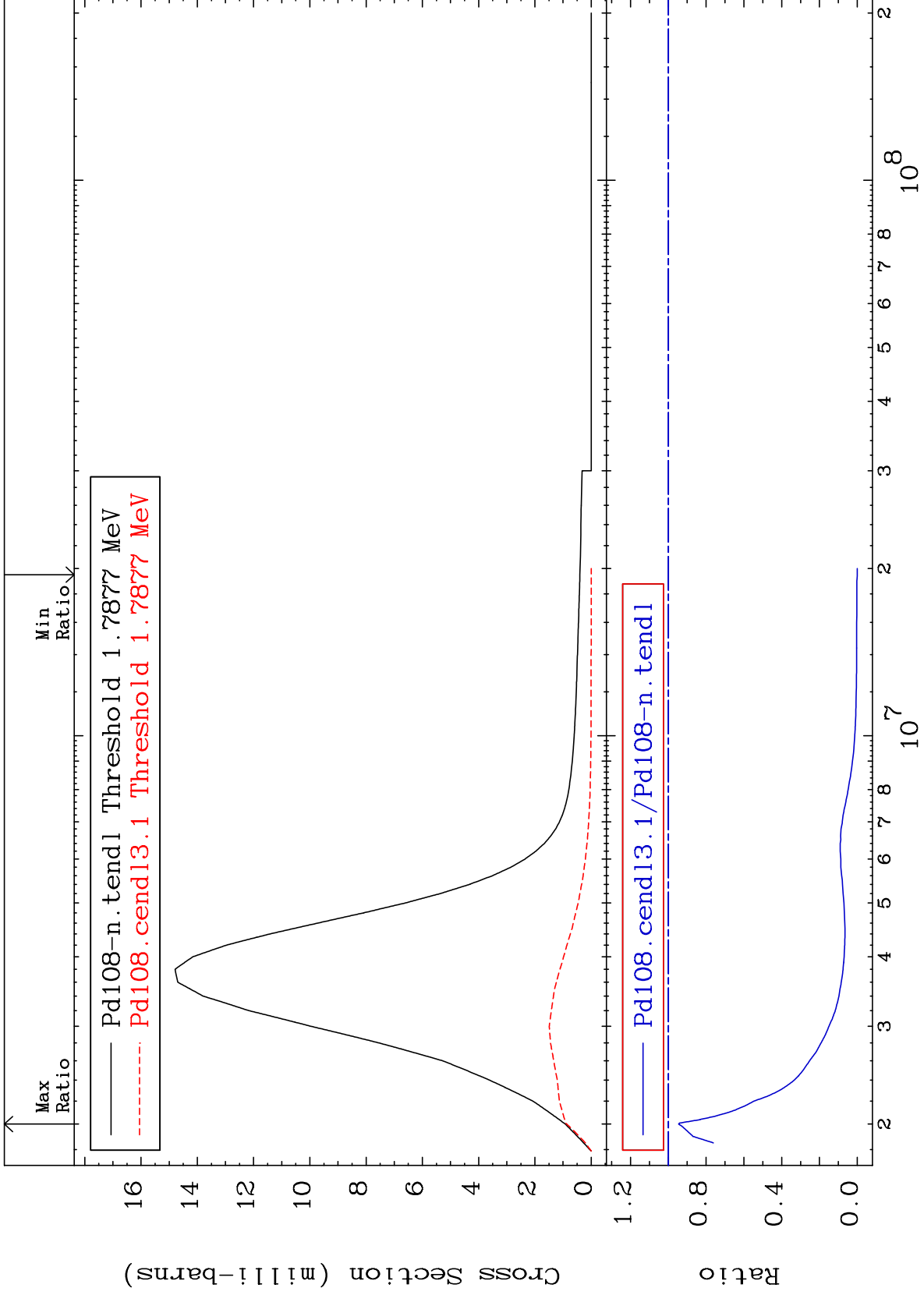
46-Pd-108
-99.78 To -9.703%



MAT 4643

1.771 MeV (n,n') Level
Cross Section

46-Pd-108
-100.0 To -5.458%



17

Incident Energy (eV)

46-Pd-108

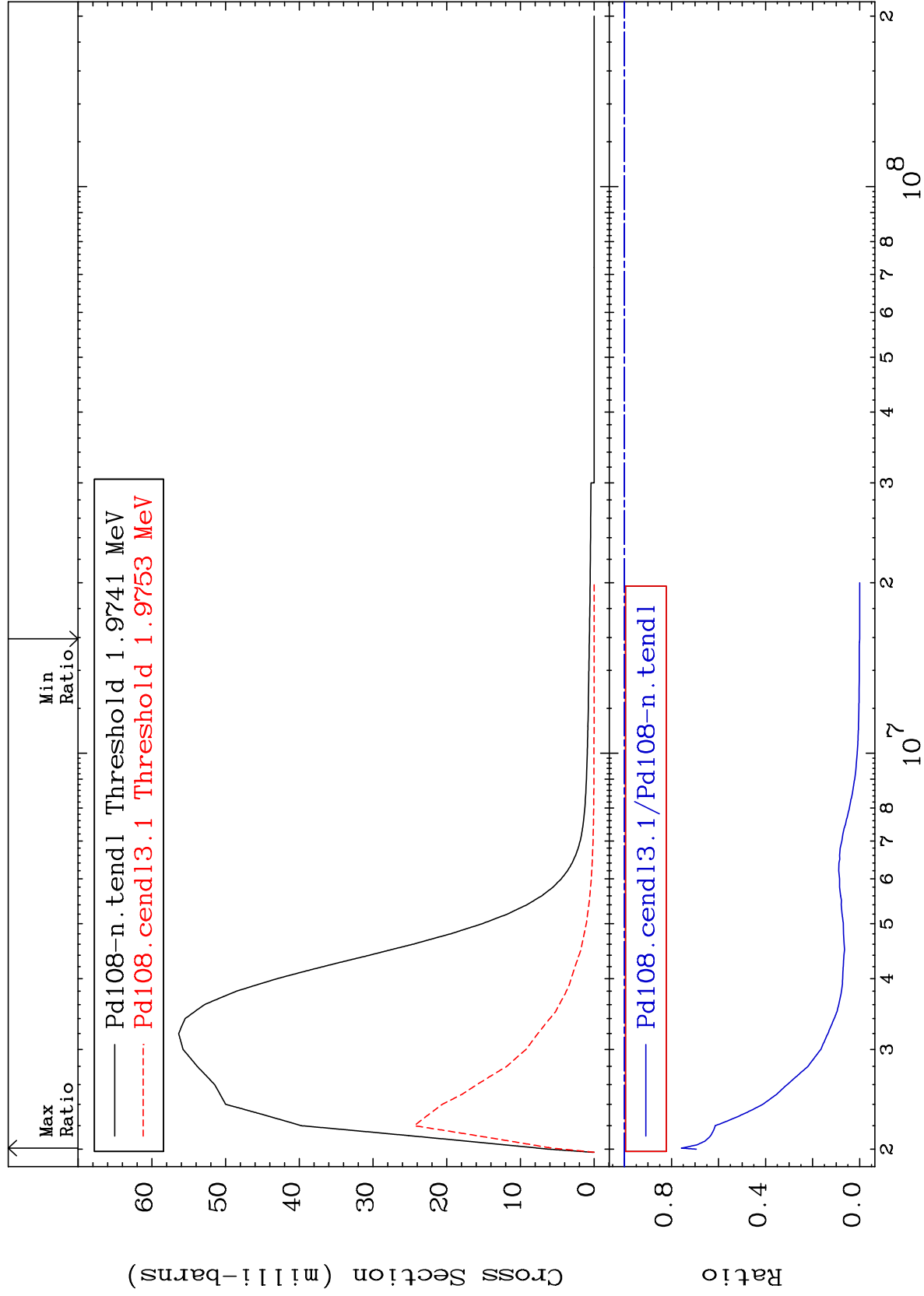
MAT 4643

1.956 MeV (n,n') Level

46-Pd-108

-100.0 To -24.20%

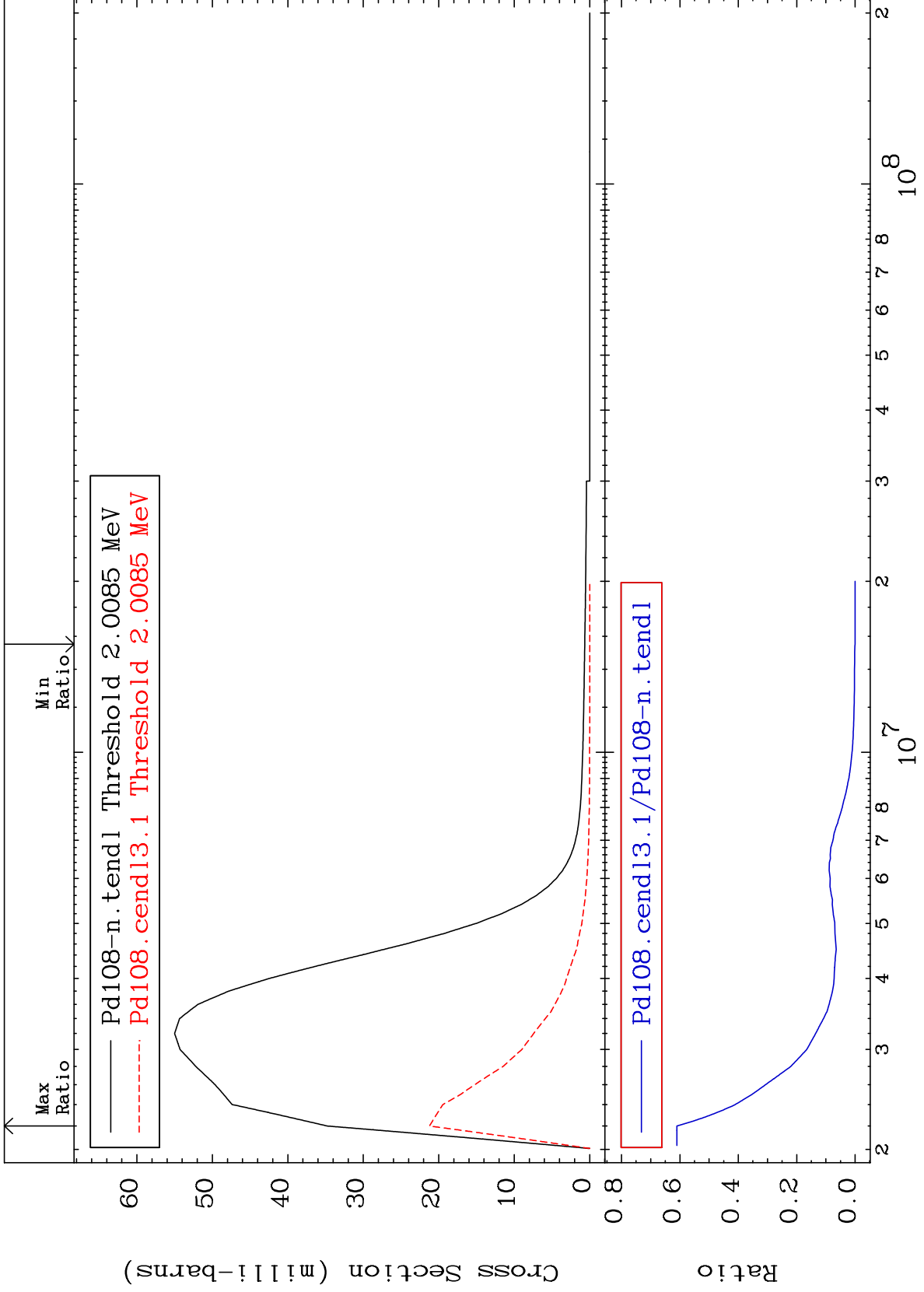
Cross Section



MAT 4643

1.990 MeV (n,n') Level
Cross Section

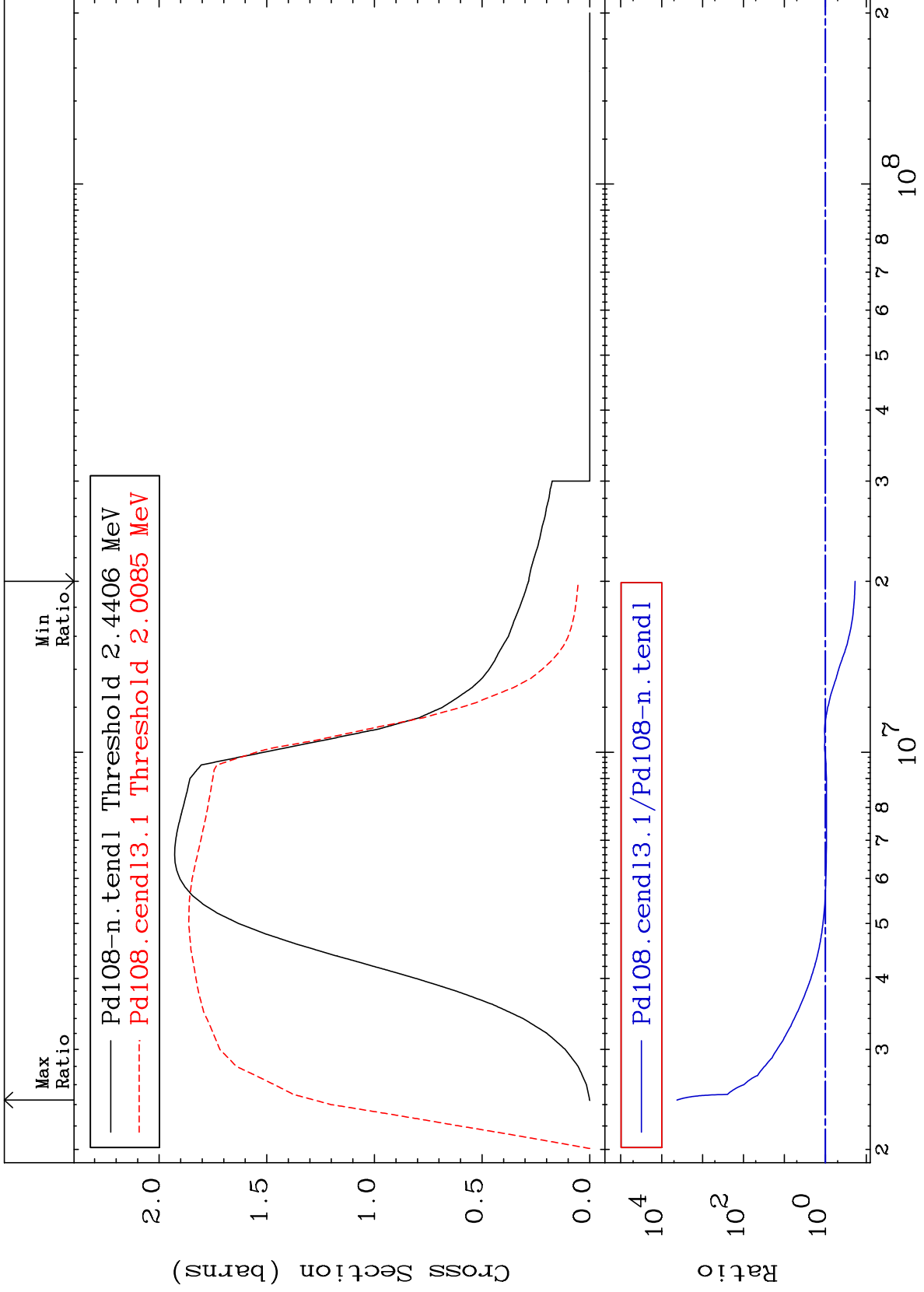
46-Pd-108
-100.0 To -38.98%



MAT 4643

(n, n') Continuum
Cross Section

46-Pd-108
-81.24 To 9999. %



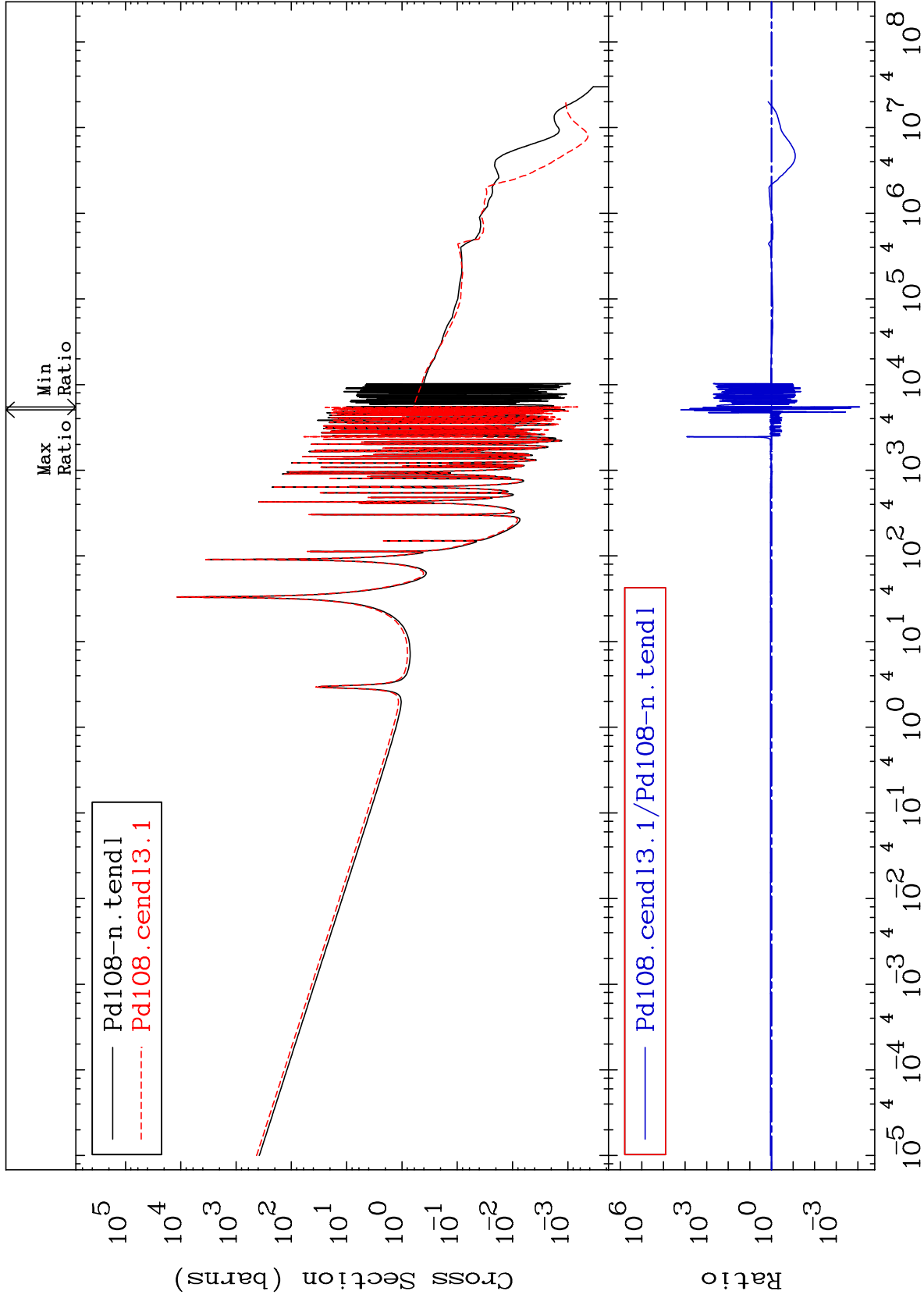
MAT 4643

(n, γ)

46-Pd-108

Cross Section

-99.99 To 9999. %



21

Incident Energy (eV)

46-Pd-108

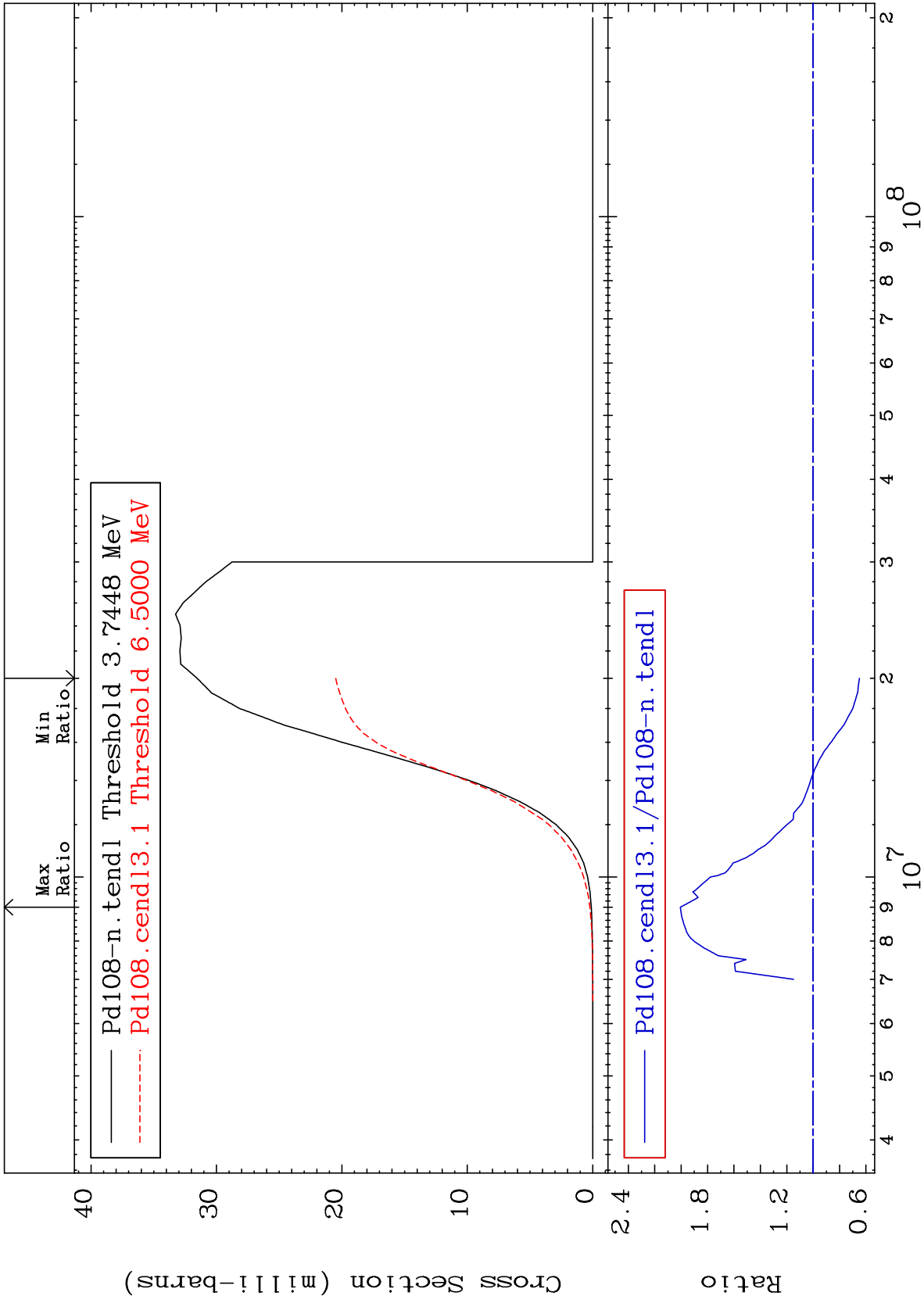
MAT 4643

(n, p)

46-Pd-108

Cross Section

-35.03 To 100.6 %



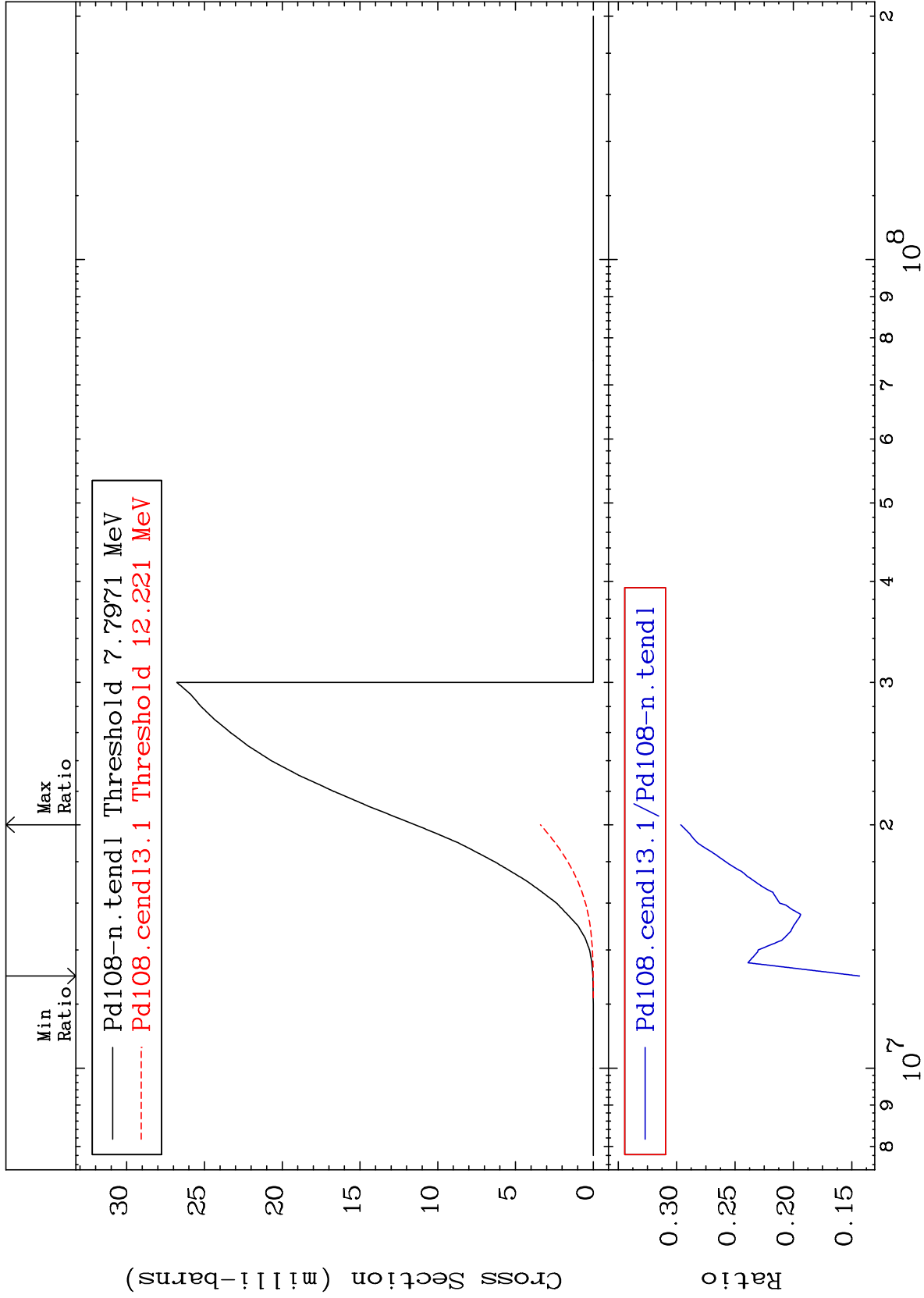
MAT 4643

(n, d)

46-Pd-108

Cross Section

-85.67 To -70.35%



23

Incident Energy (eV)

46-Pd-108

MAT 4643

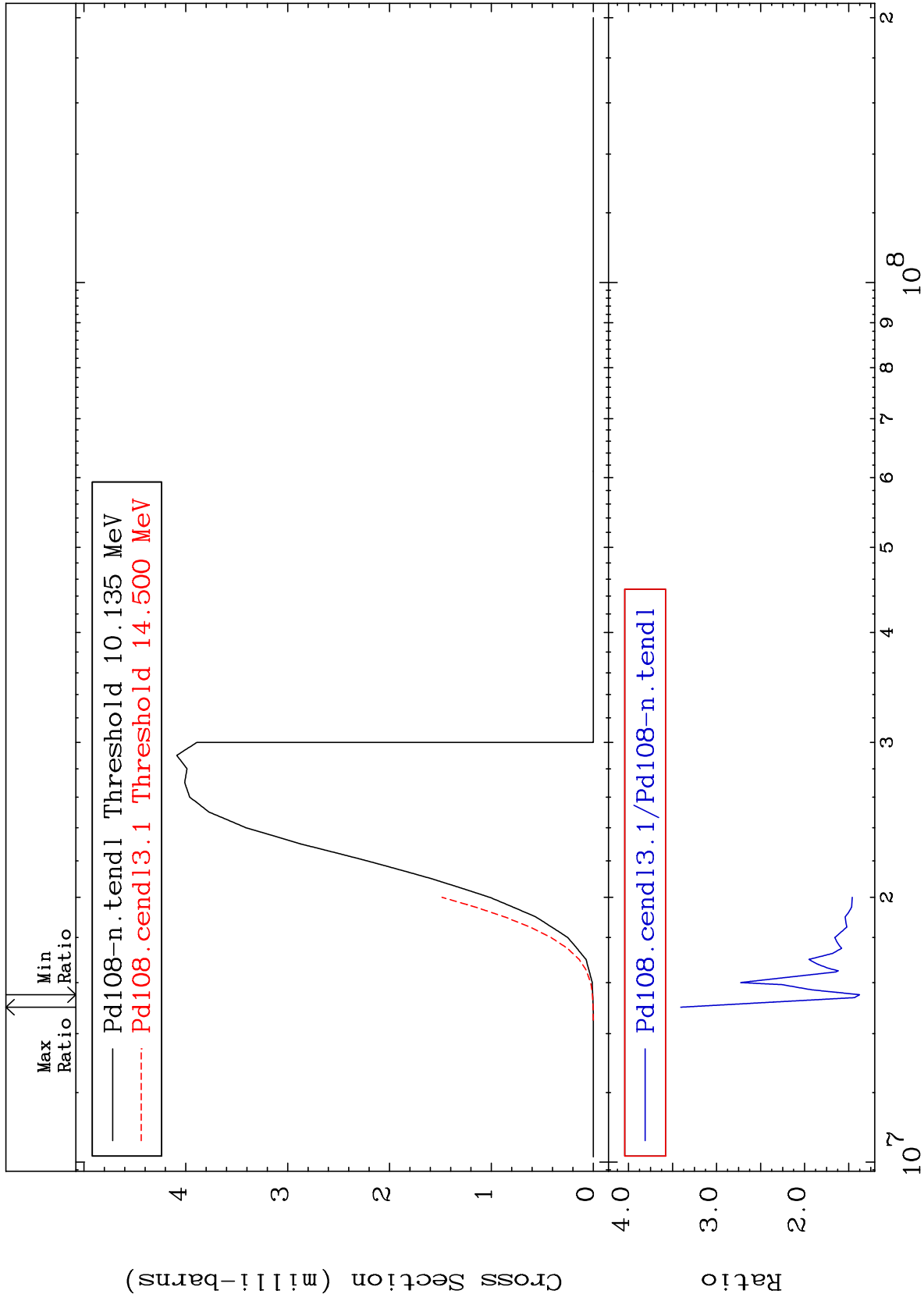
(n, t)

46-Pd-108

Cross Section

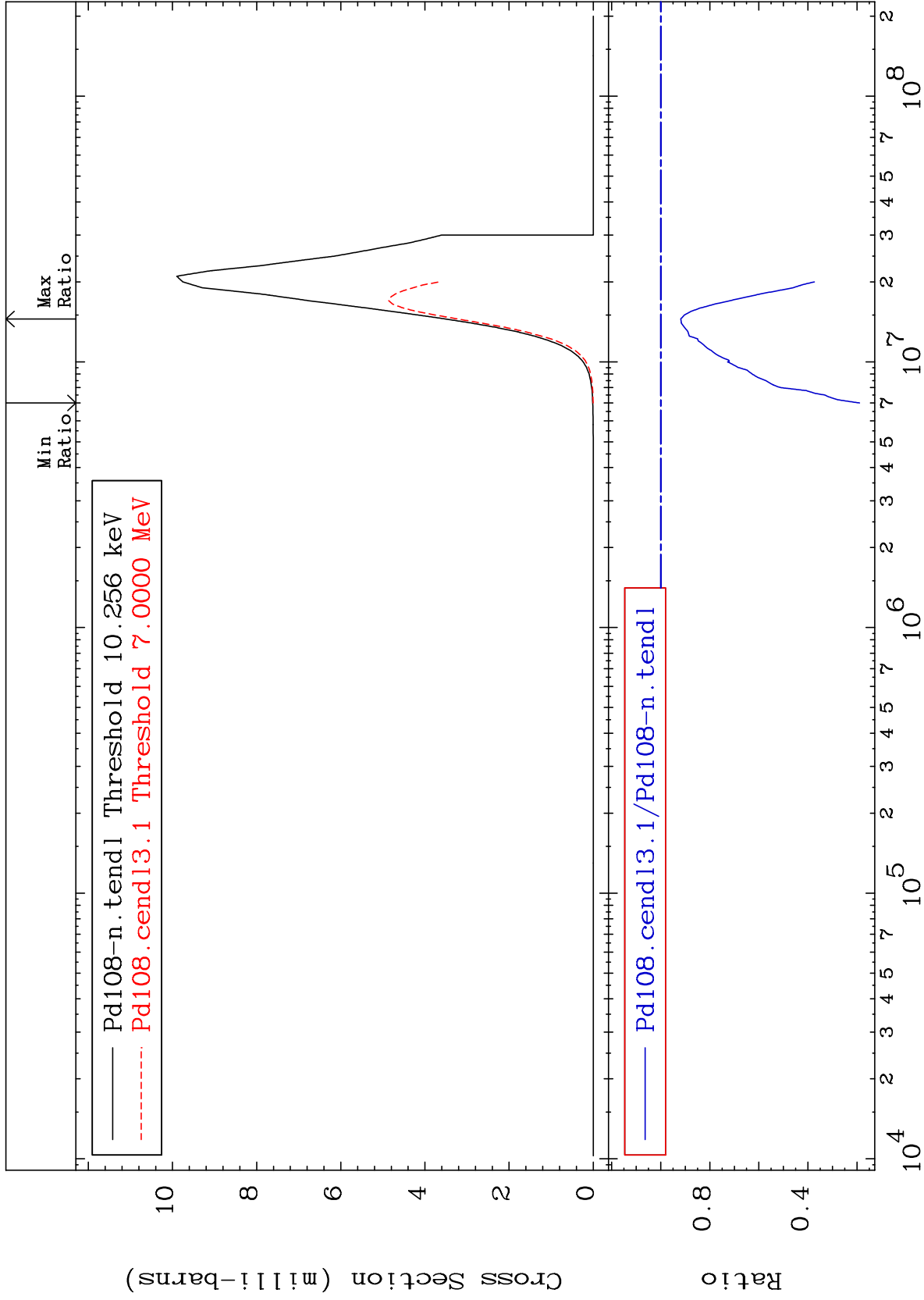
37.66

To 240.7 %



MAT 4643

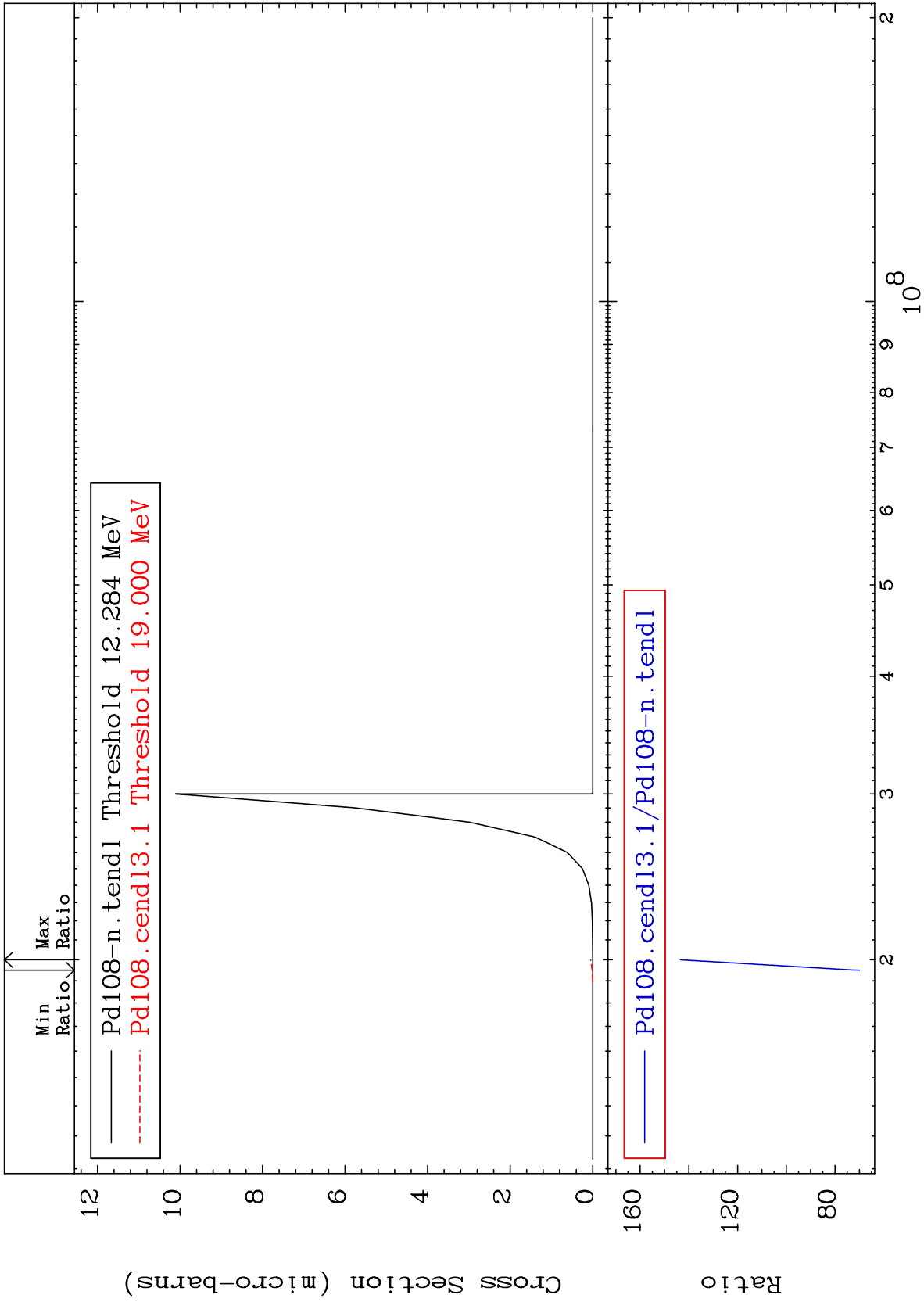
(n, α)
Cross Section
46-Pd-108
-81.04 To -8.169%



25

Incident Energy (eV)

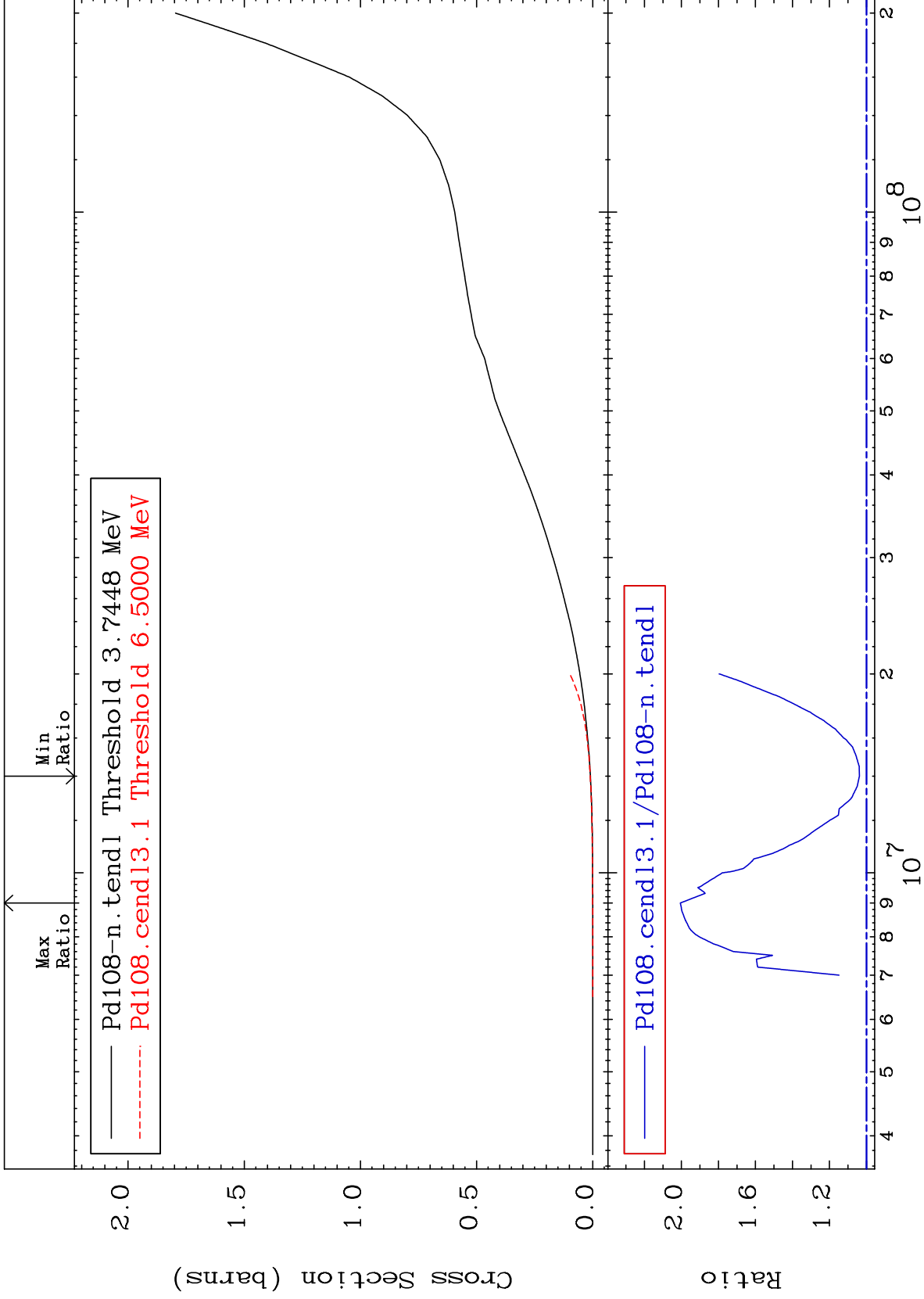
46-Pd-108



MAT 4643

Hydrogen Production
Cross Section

46-Pd-108
3.800 To 100.6 %



27

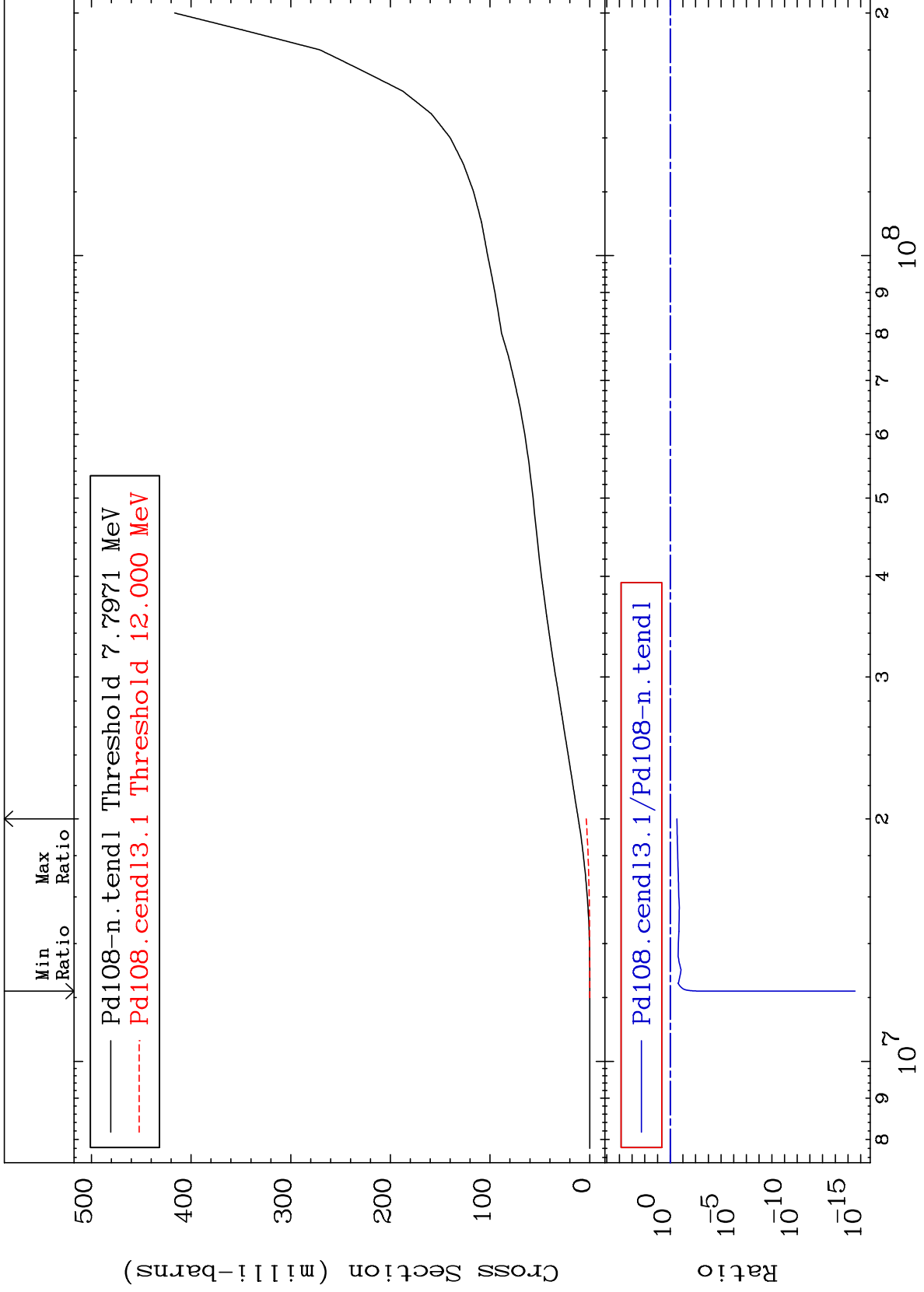
Incident Energy (eV)

46-Pd-108

MAT 4643

Deuterium Production
Cross Section

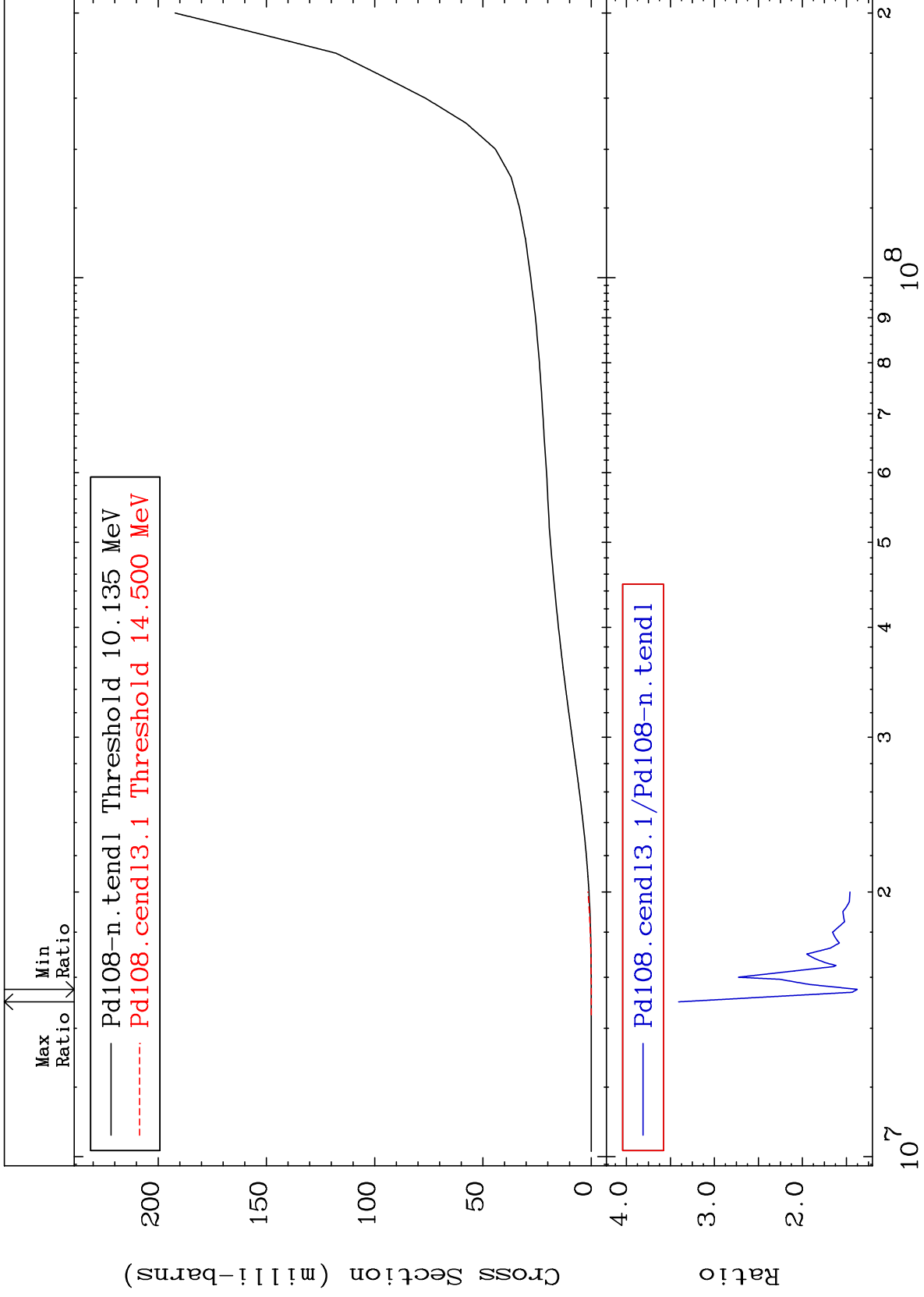
46-Pd-108
-100.0 To -70.35%



MAT 4643

Tritium Production
Cross Section

46-Pd-108
37.66 To 240.7 %



29

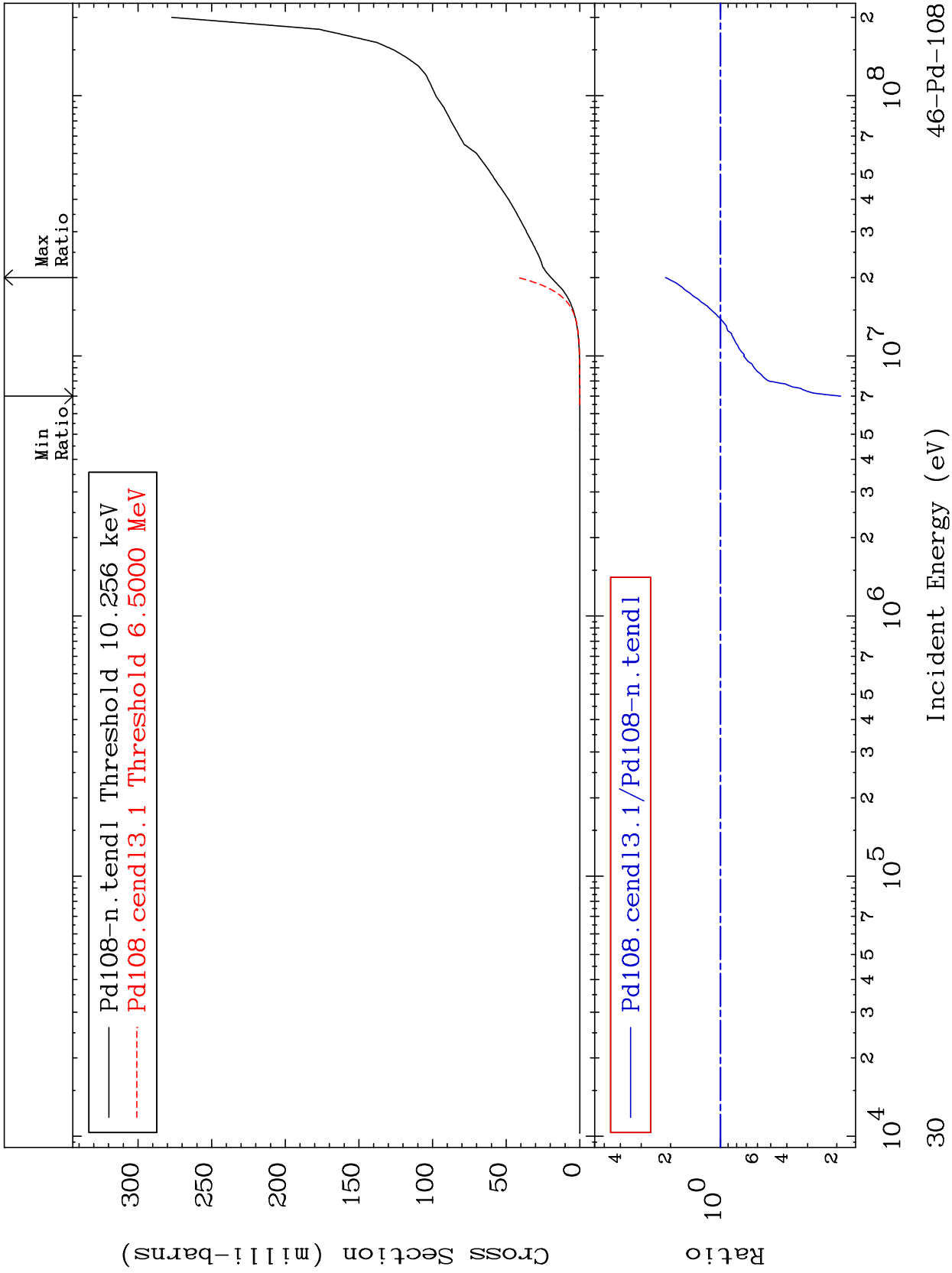
Incident Energy (eV)

46-Pd-108

MAT 4643

He-4 Production
Cross Section

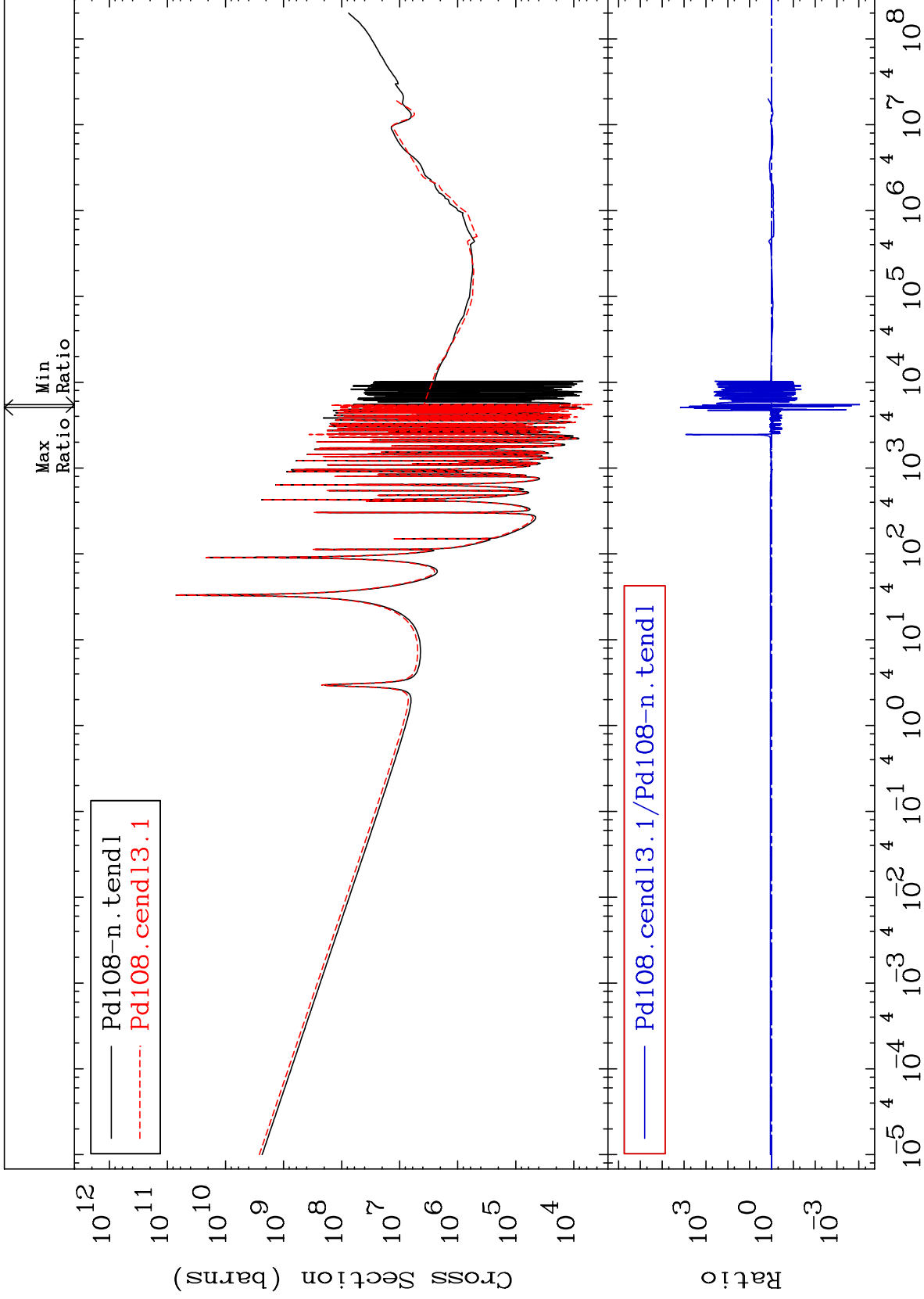
46-Pd-108
-81.04 To 114.3 %



30

Incident Energy (eV)

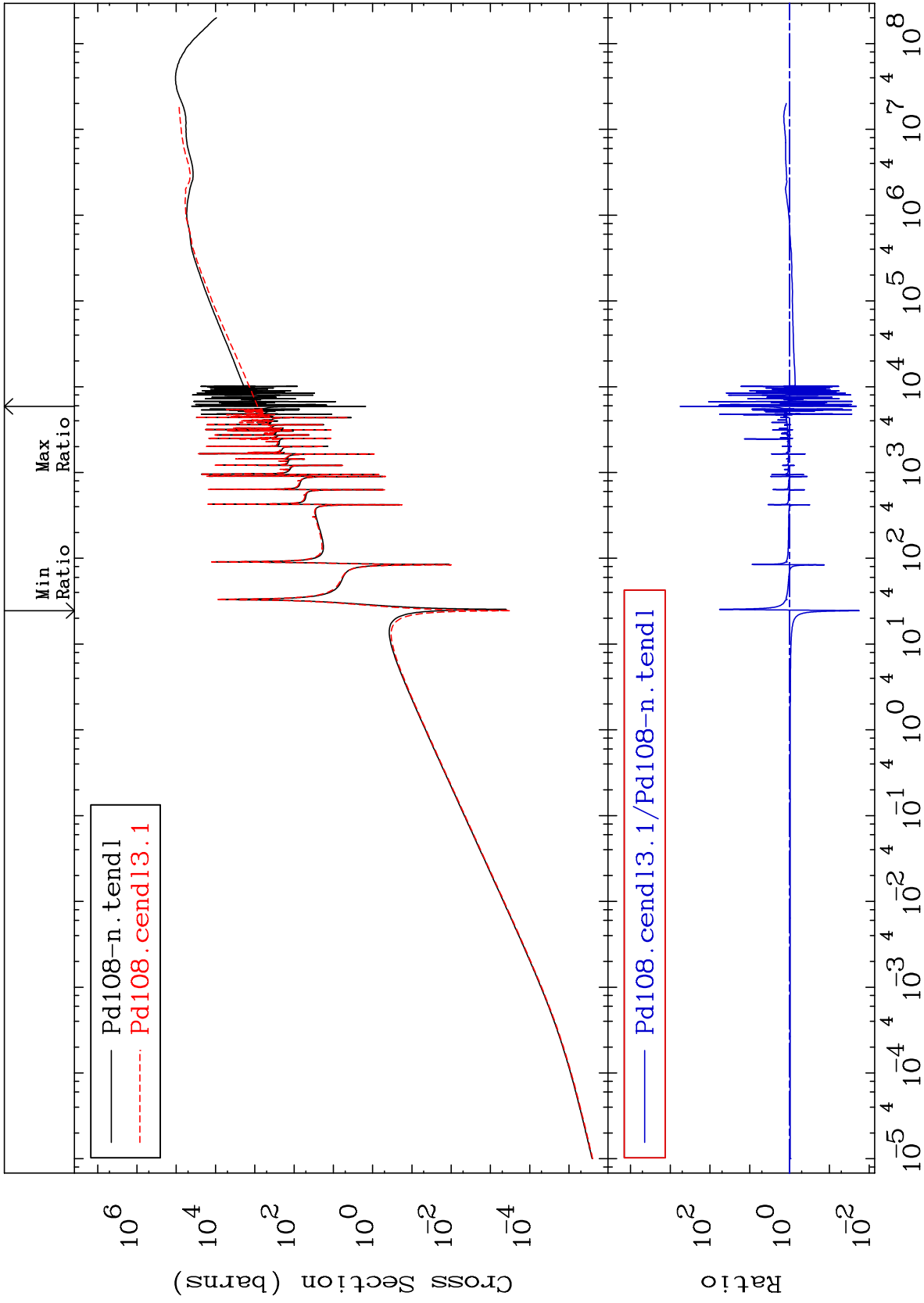
46-Pd-108

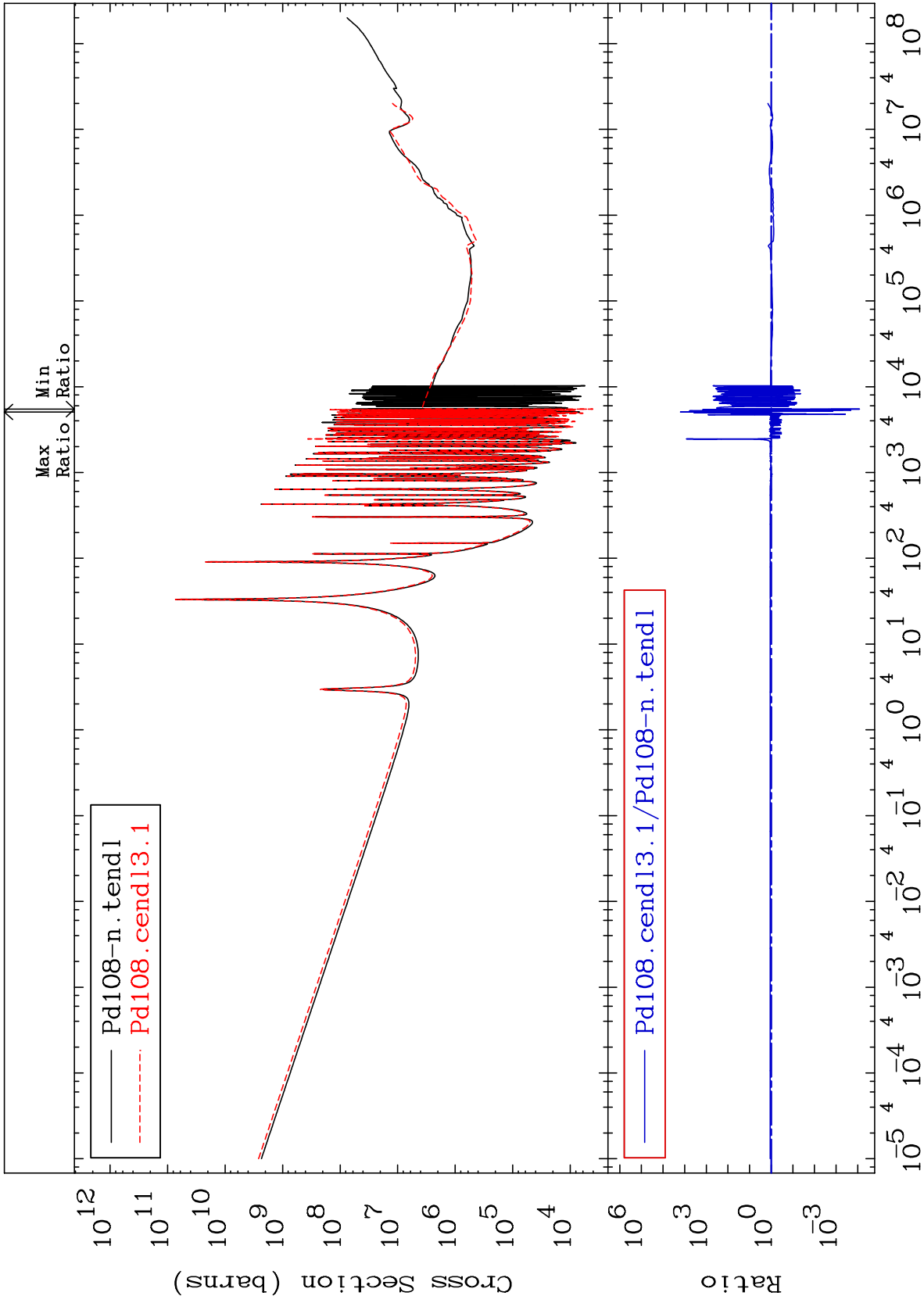


MAT 4643

Kerma elastic
Cross Section

46-Pd-108
-98.24 To 9999. %

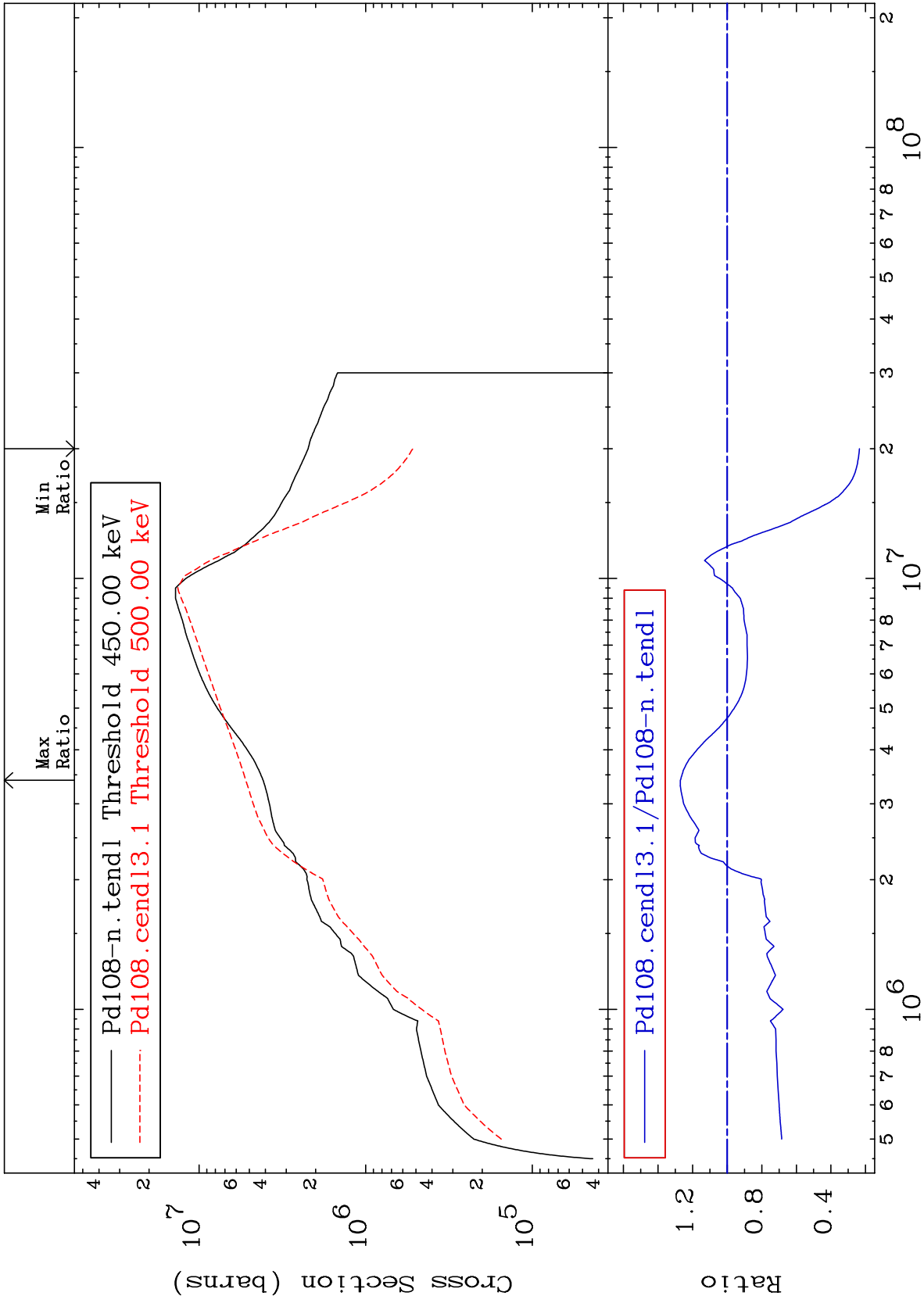




MAT 4643

Kerma inelastic (mt51-91)
Cross Section

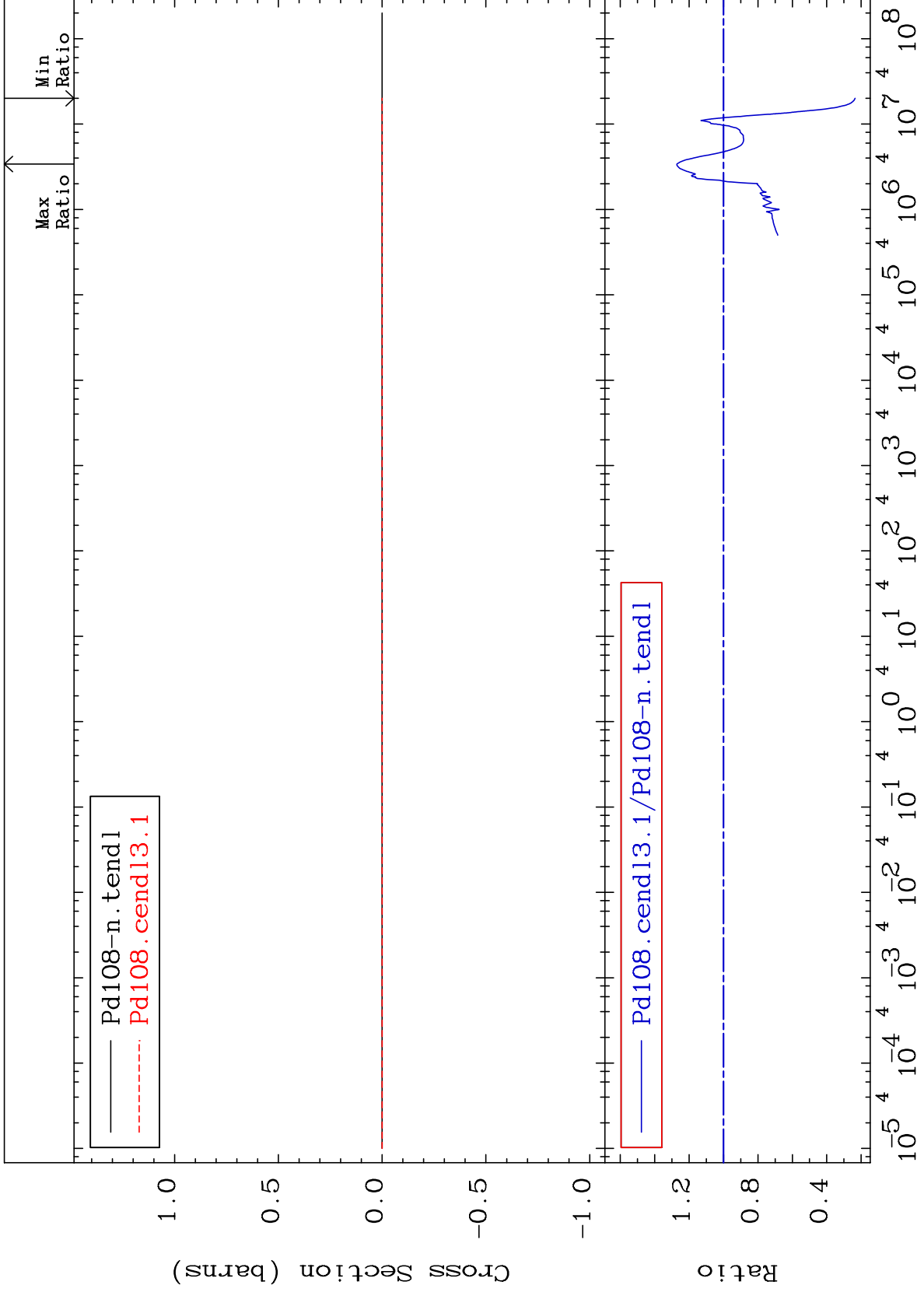
46-Pd-108
-76.47 To 27.06 %



MAT 4643

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

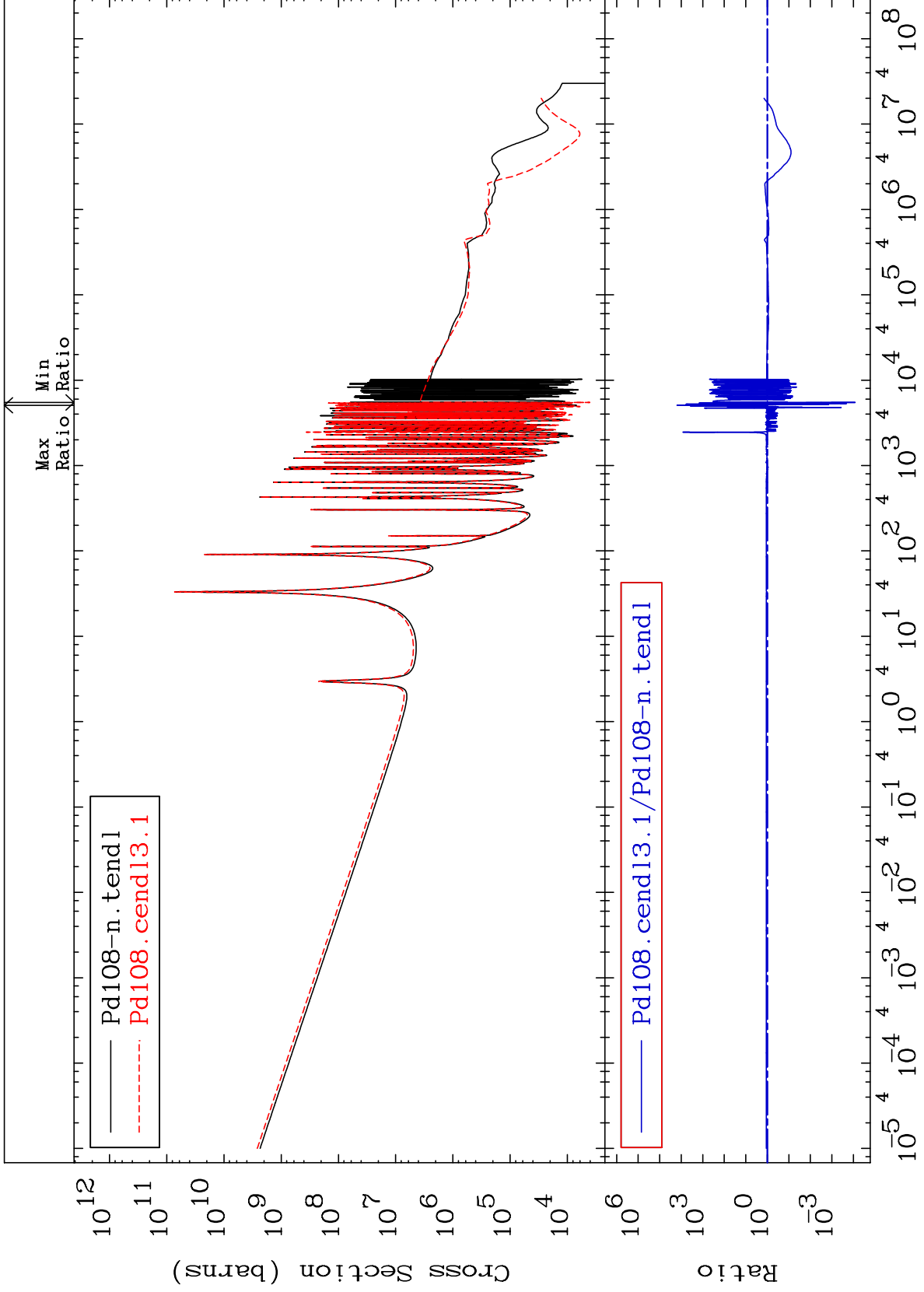
46-Pd-108
-76.47 To 27.06 %



MAT 4643

Kerma capture (mt102)
Cross Section

46-Pd-108
-99.99 To 9999. %



36

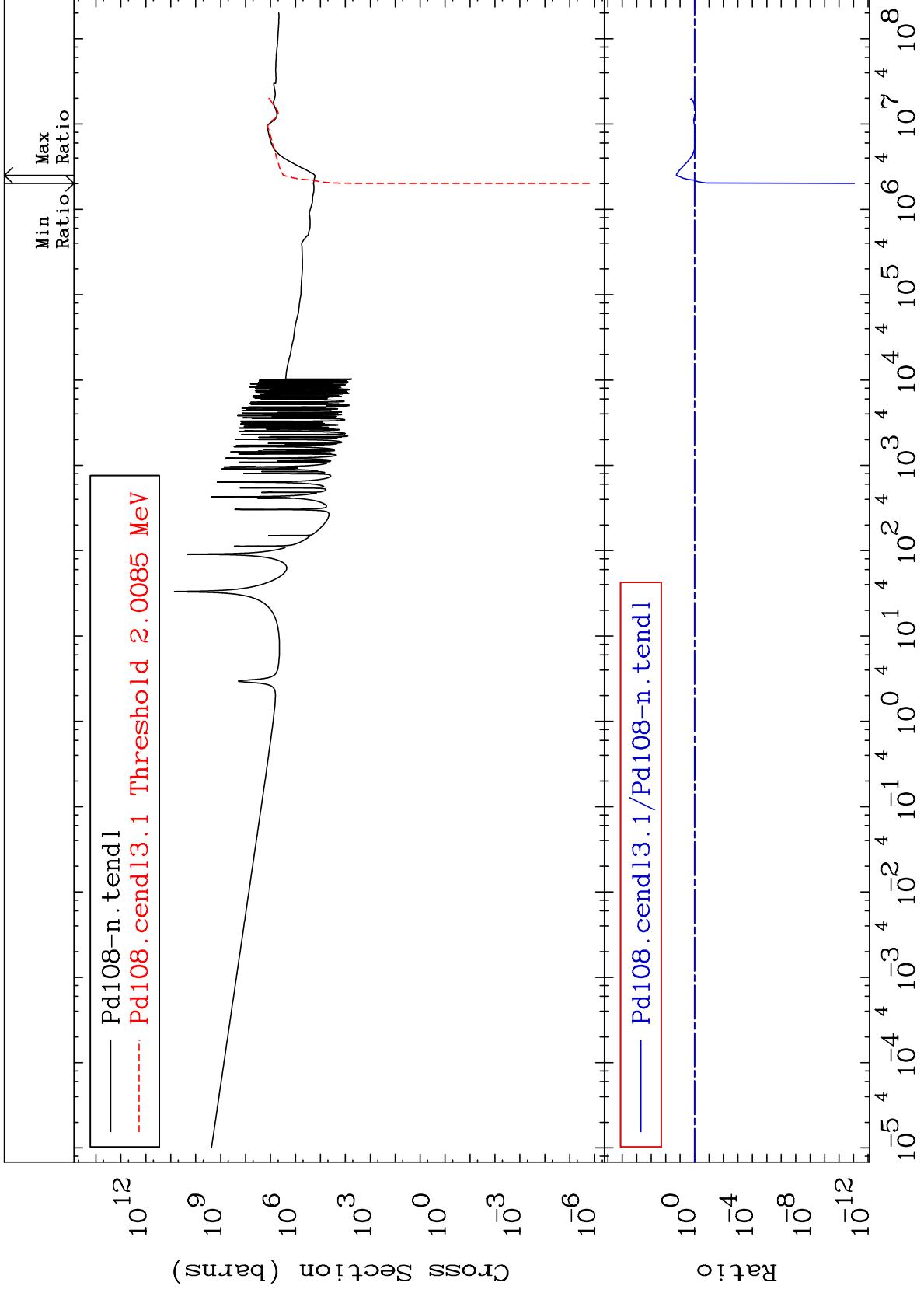
Incident Energy (eV)

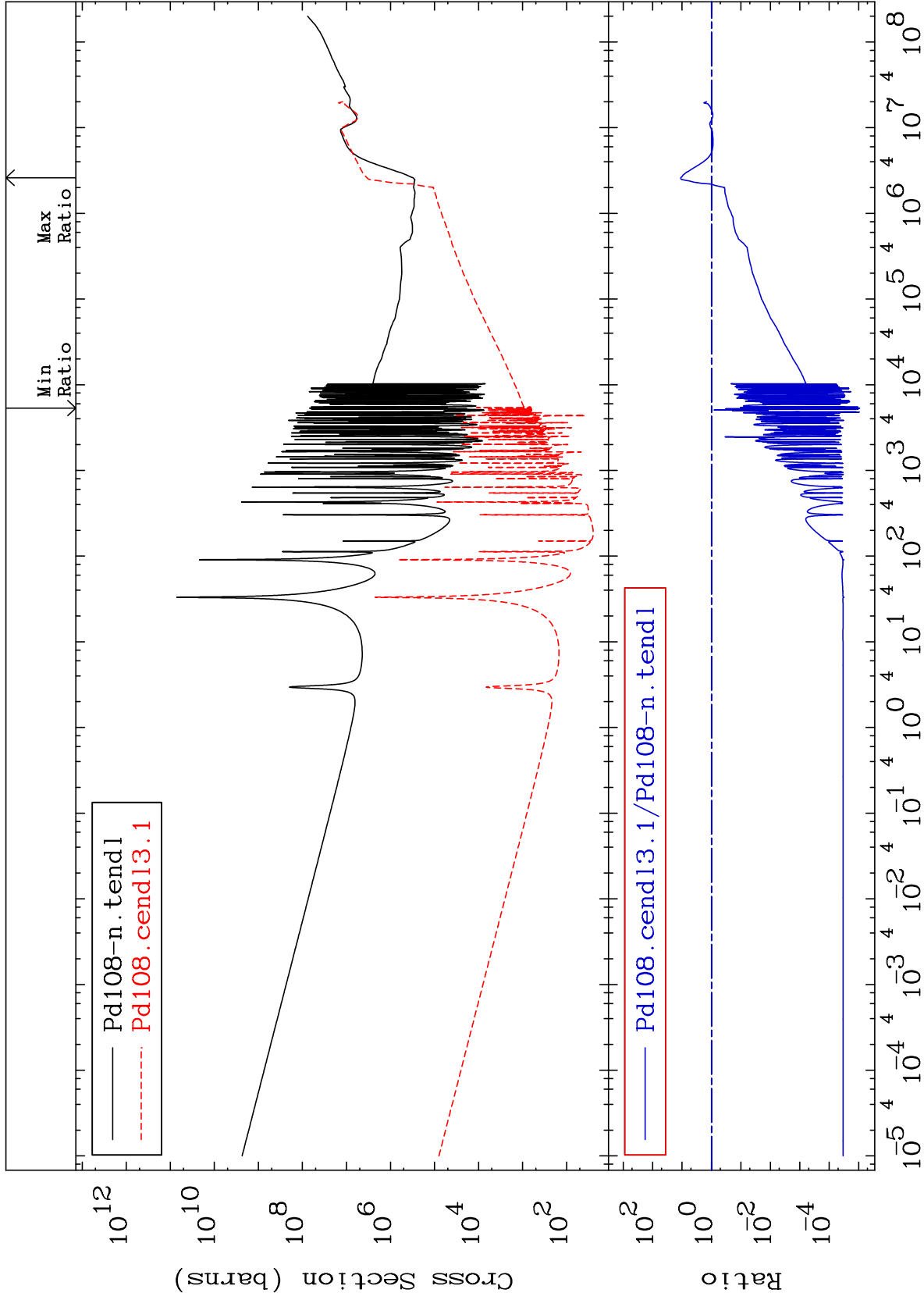
46-Pd-108

MAT 4643

Total photon (eV-barns)
Cross Section

46-Pd-108
-100.0 To 1713. %

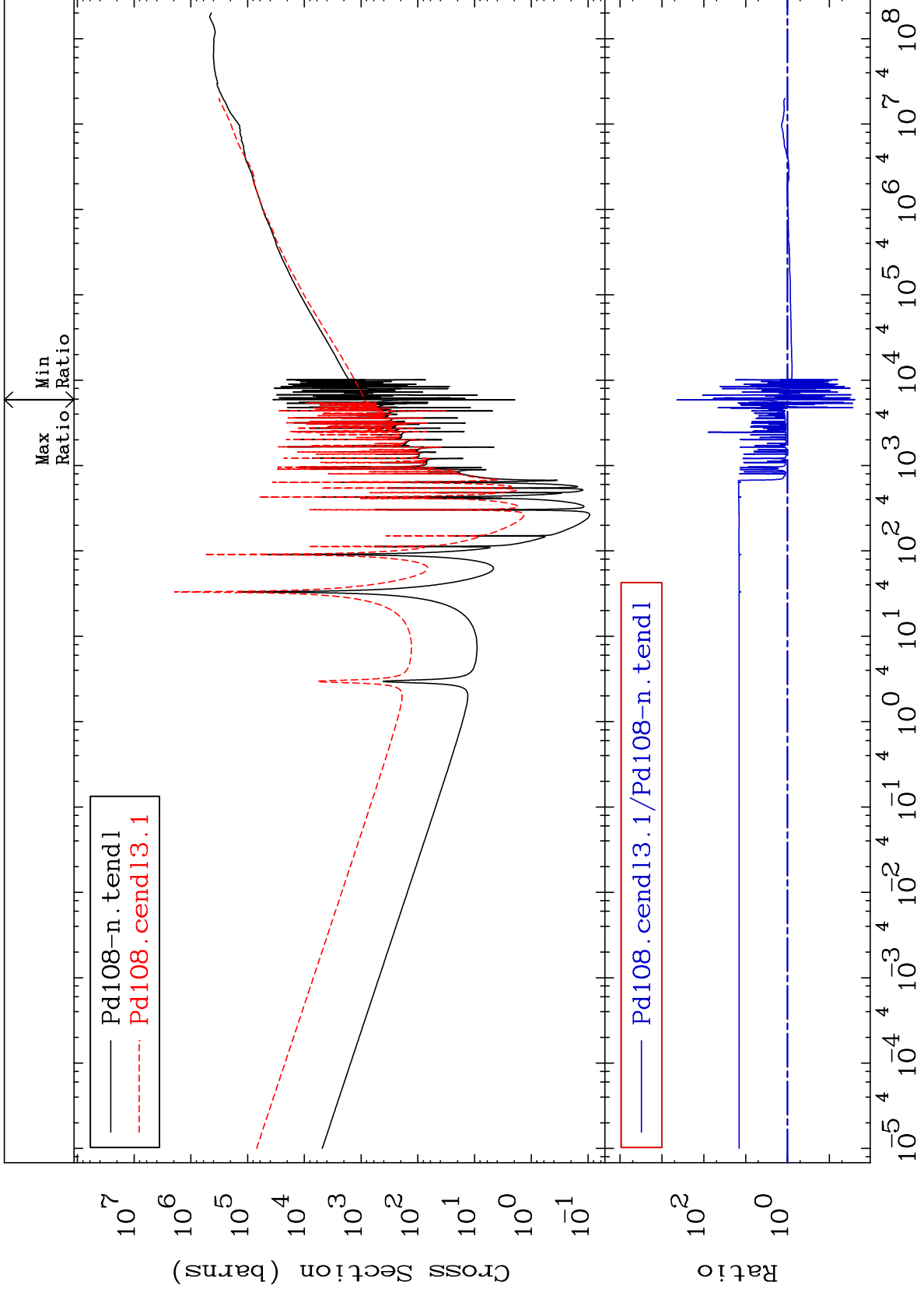




MAT 4643

Dpa total (eV-barns)
Cross Section

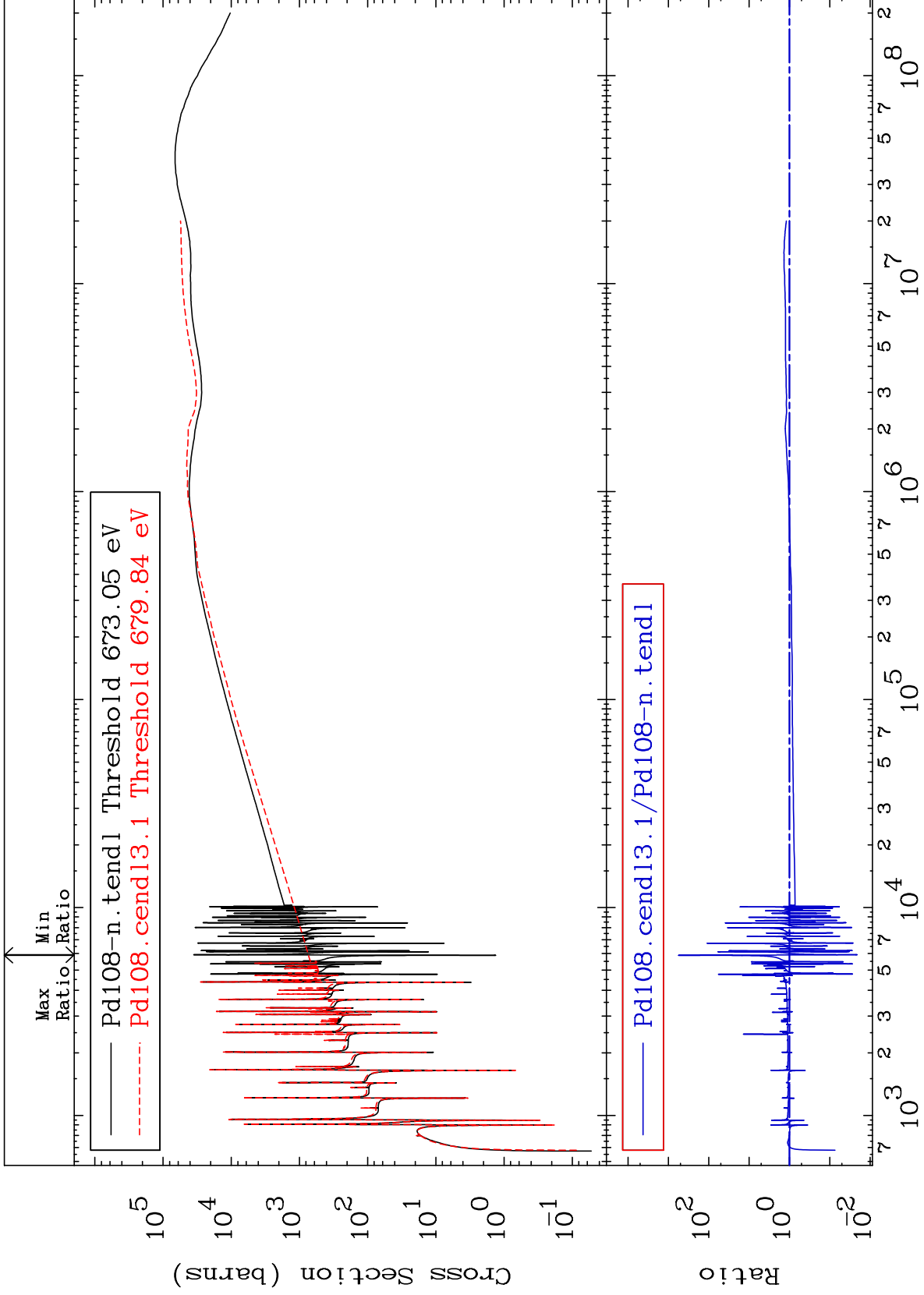
46-Pd-108
-97.56 To 9999. %



MAT 4643

Dpa elastic (mt2)
Cross Section

46-Pd-108
-97.91 To 9999. %



40

Incident Energy (eV)

46-Pd-108

MAT 4643

Dpa inelastic (mt51-91)
Cross Section

46-Pd-108
-31.33 To 74.27 %

