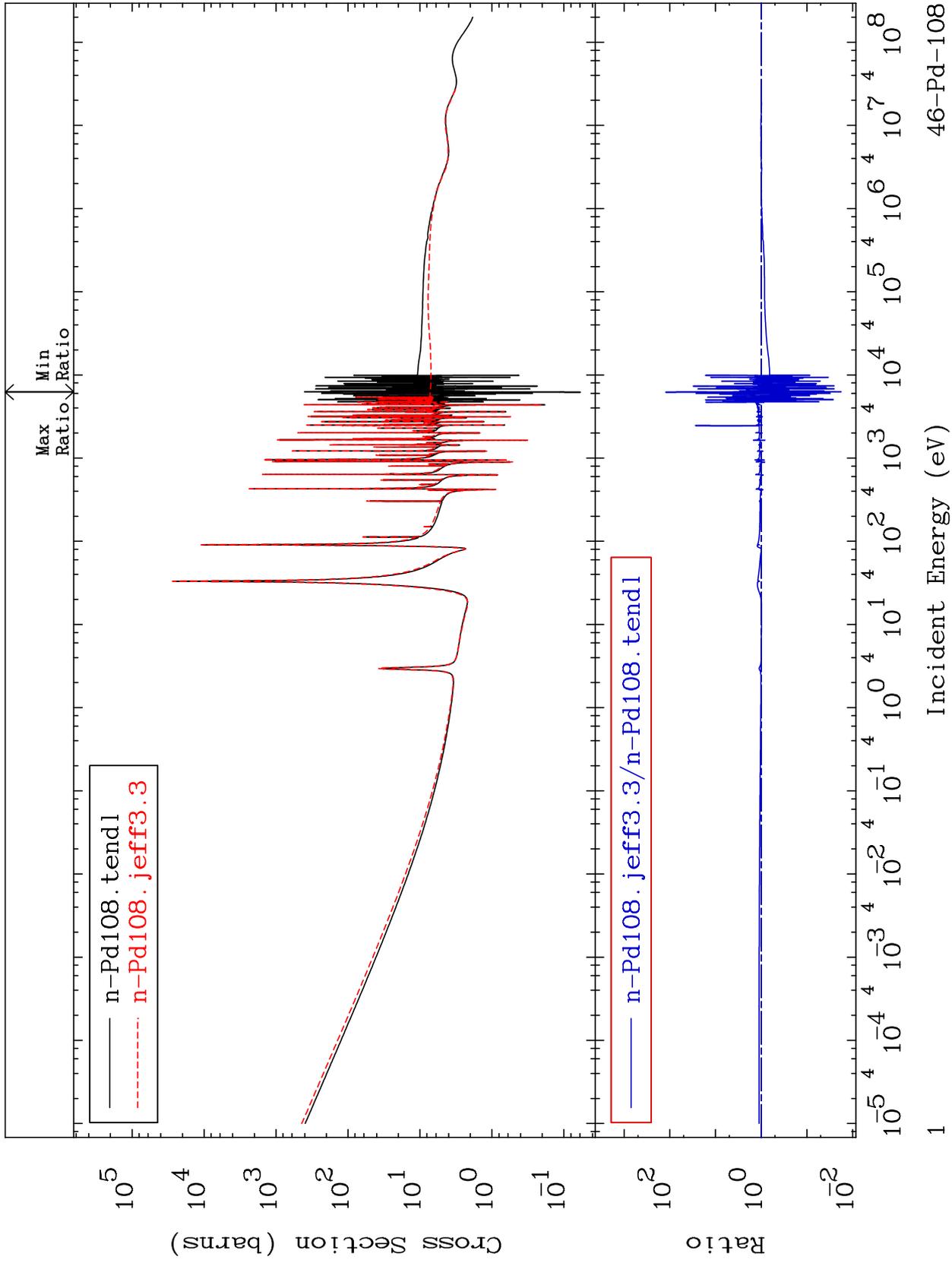


MAT 4643

Total
Cross Section

46-Pd-108
-98.21 To 9999. %



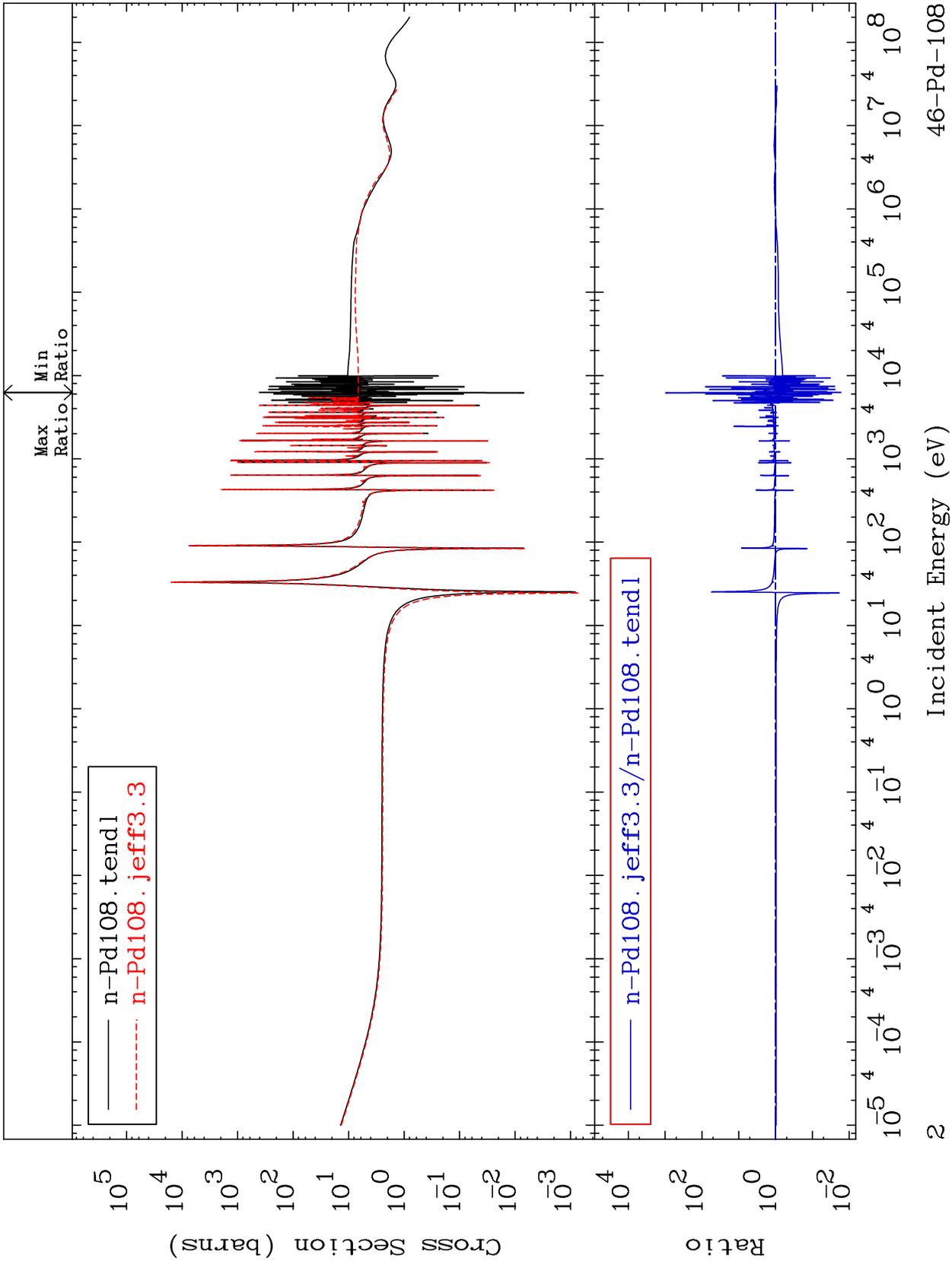
Incident Energy (eV)

46-Pd-108

MAT 4643

Elastic
Cross Section

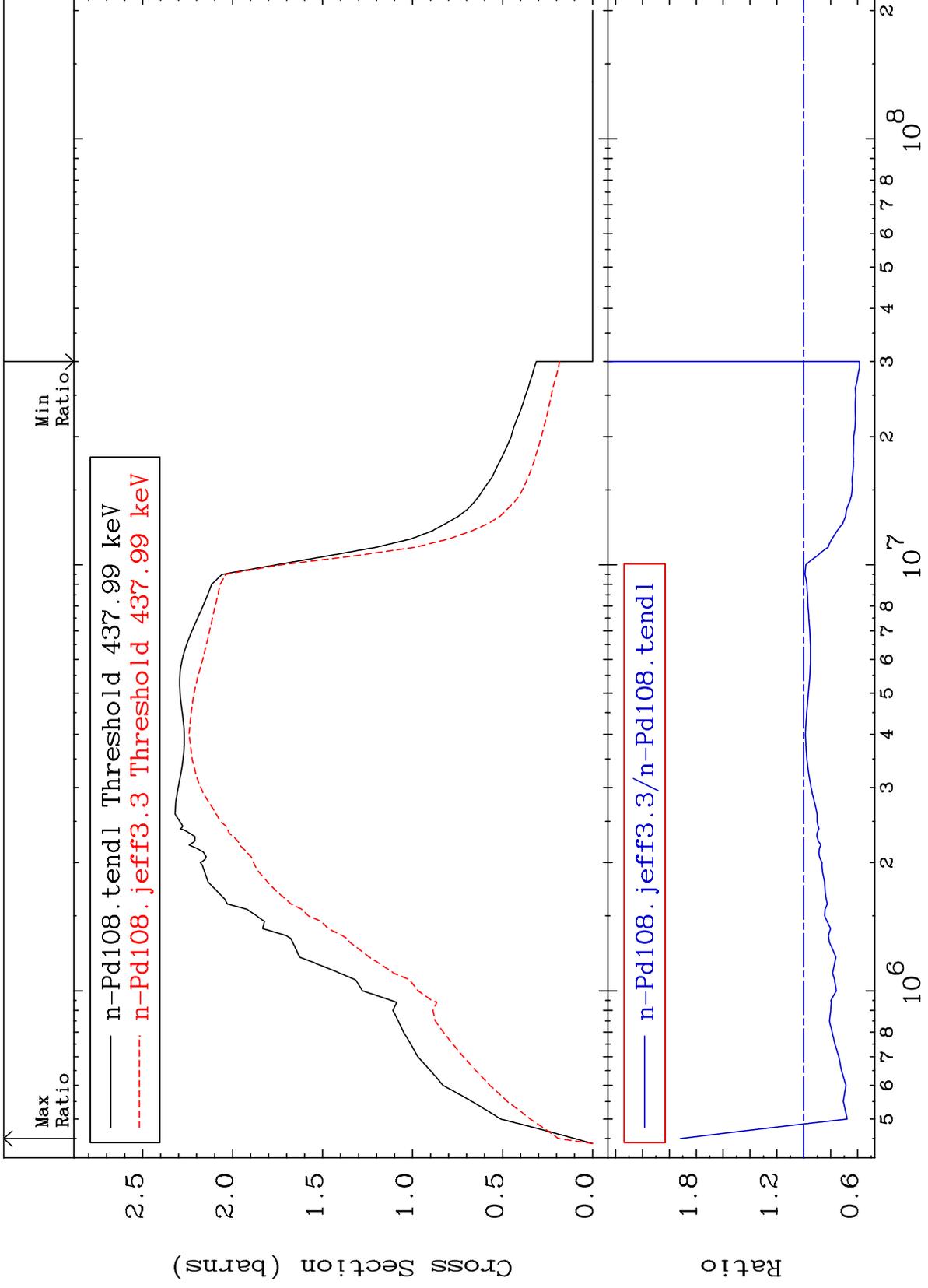
46-Pd-108
-98.31 To 9999. %



MAT 4643

Inelastic
Cross Section

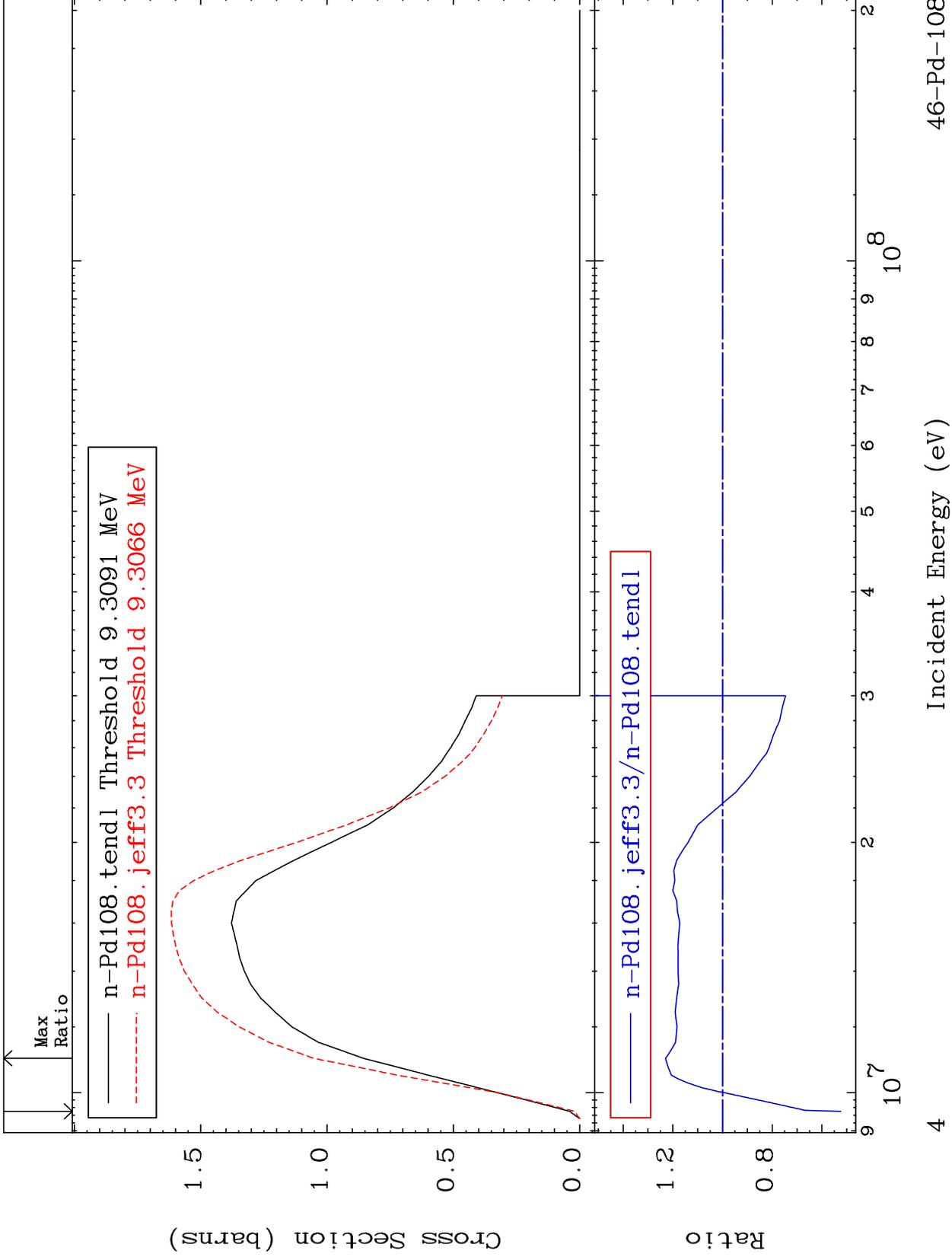
46-Pd-108
-41.38 To 91.84 %



MAT 4643

(n,2n)
Cross Section

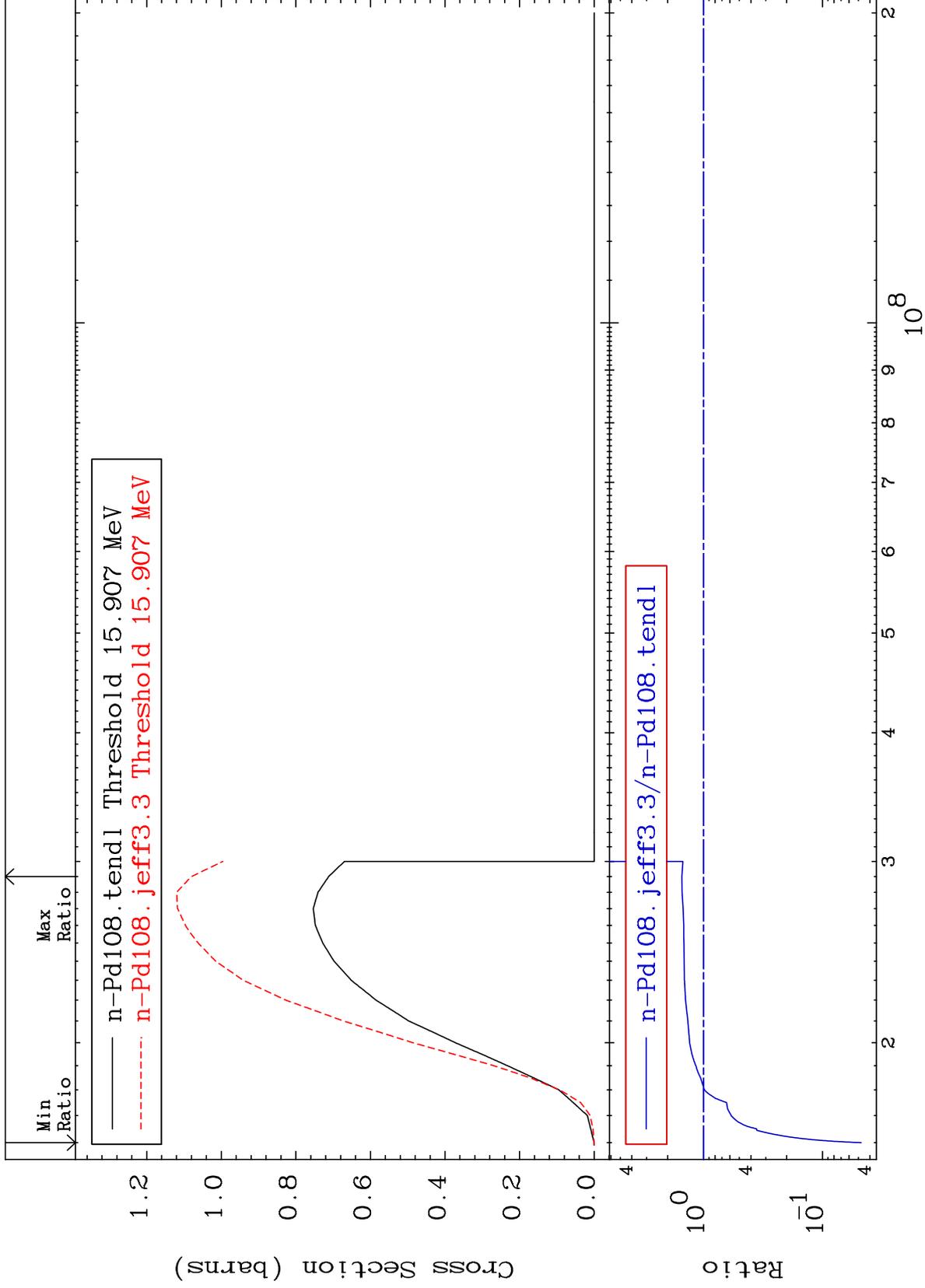
46-Pd-108
-47.61 To 22.95 %



MAT 4643

(n,3n)
Cross Section

46-Pd-108
-95.26 To 51.72 %



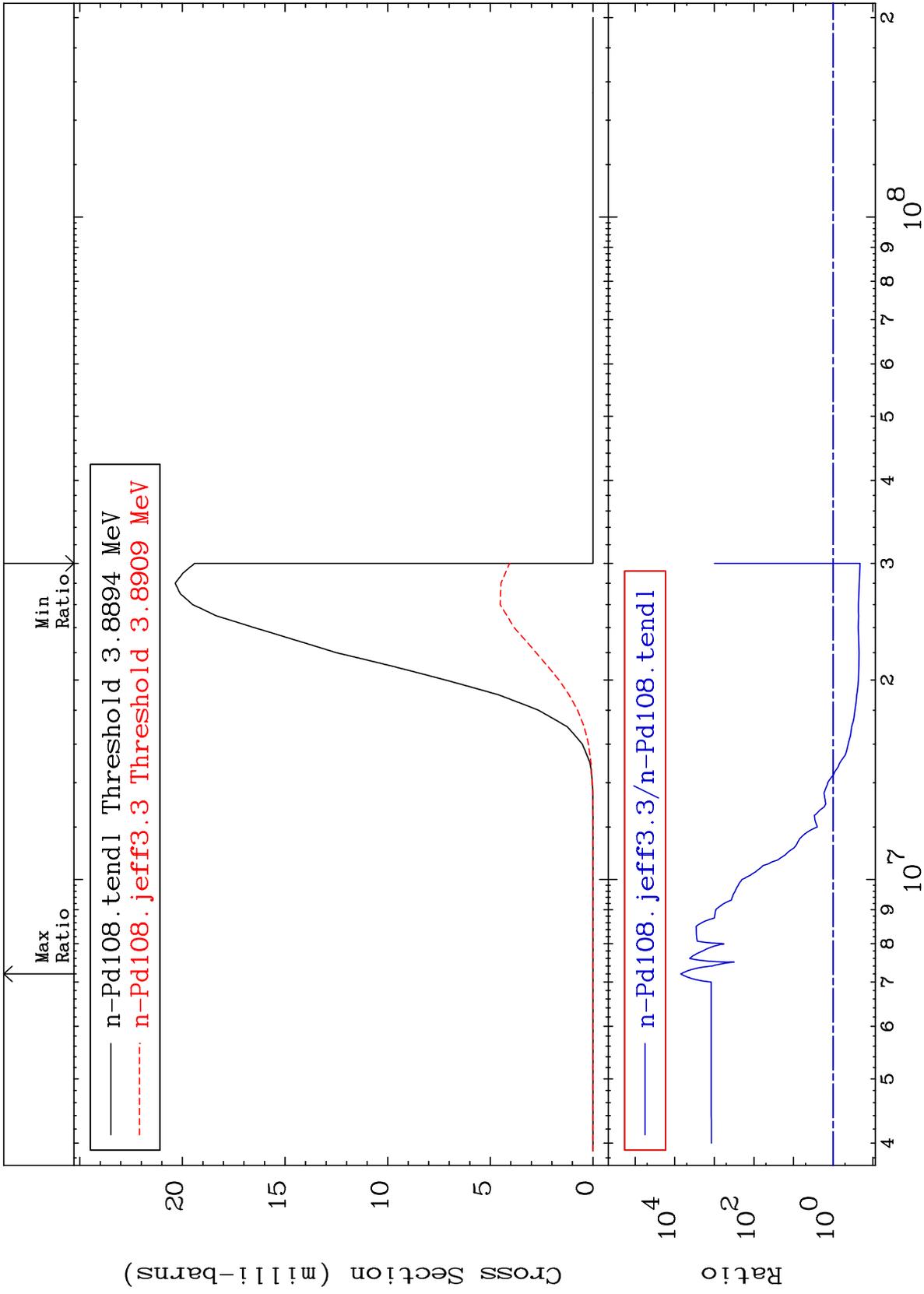
MAT 4643

(n,n') α

46-Pd-108

Cross Section

-79.08 To 9999. %



6

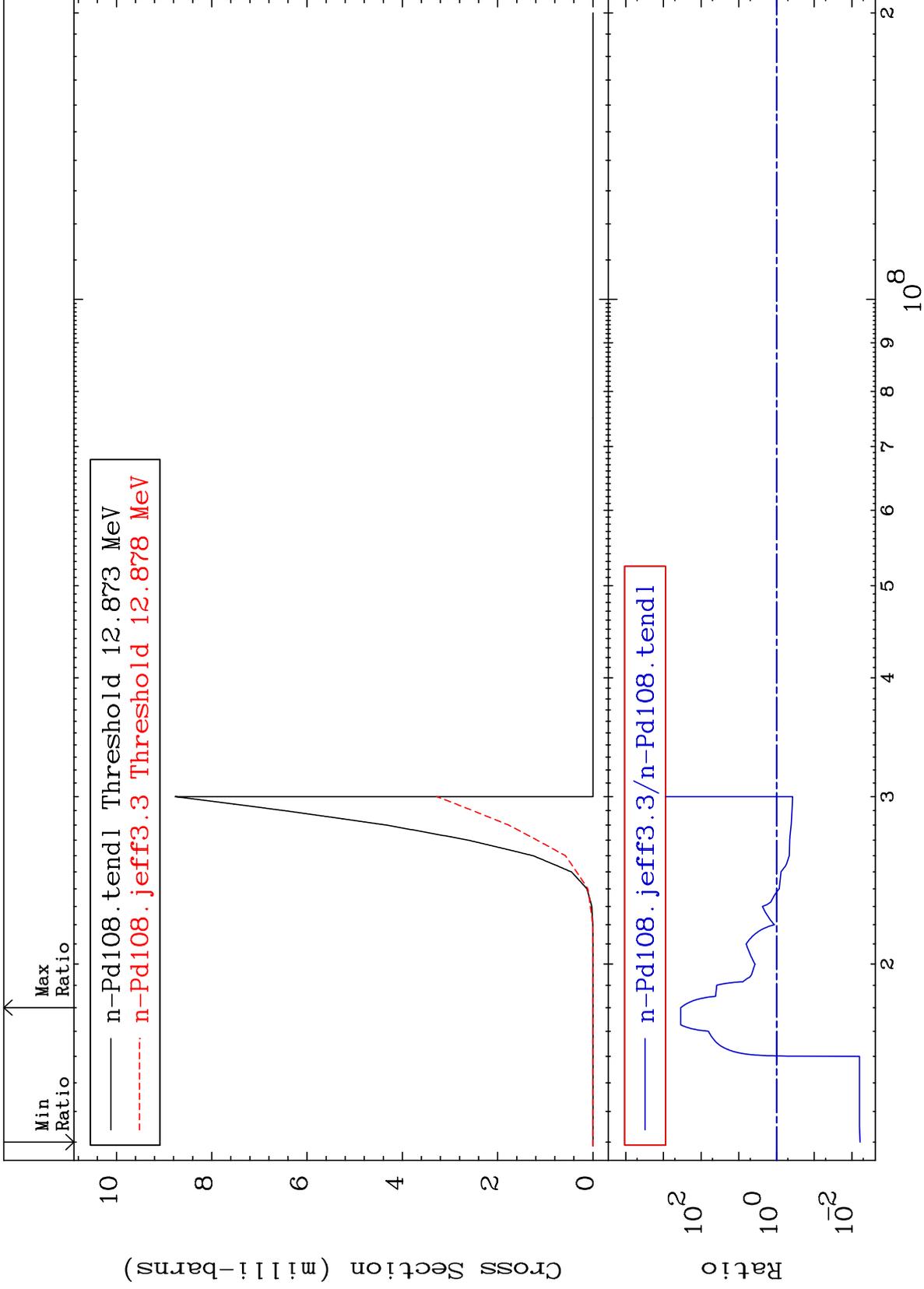
Incident Energy (eV)

46-Pd-108

MAT 4643

(n,2n) α
Cross Section

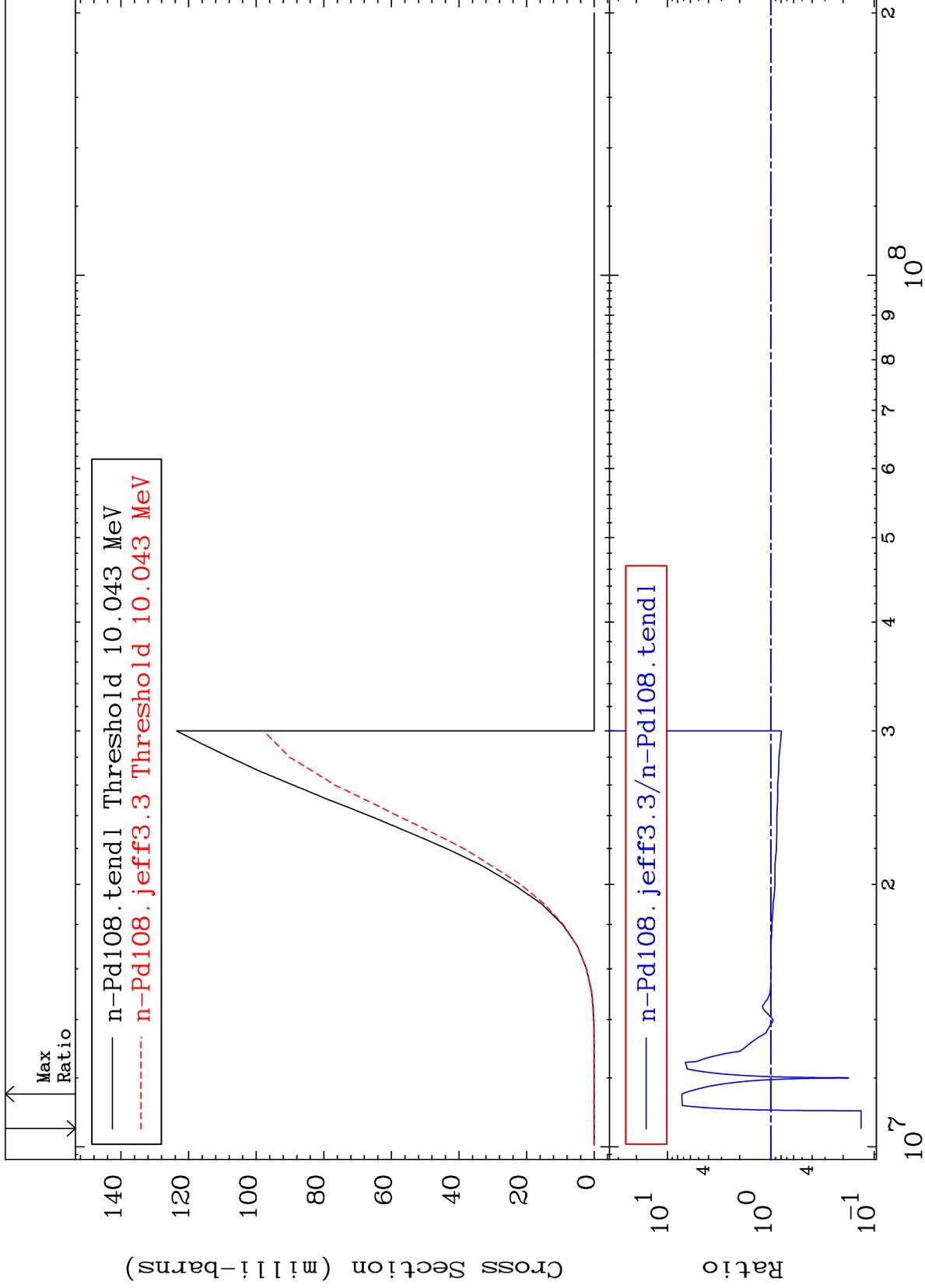
46-Pd-108
-99.40 To 9999. %



MAT 4643

(n,n') p
Cross Section

46-Pd-108
-86.60 To 625.5 %

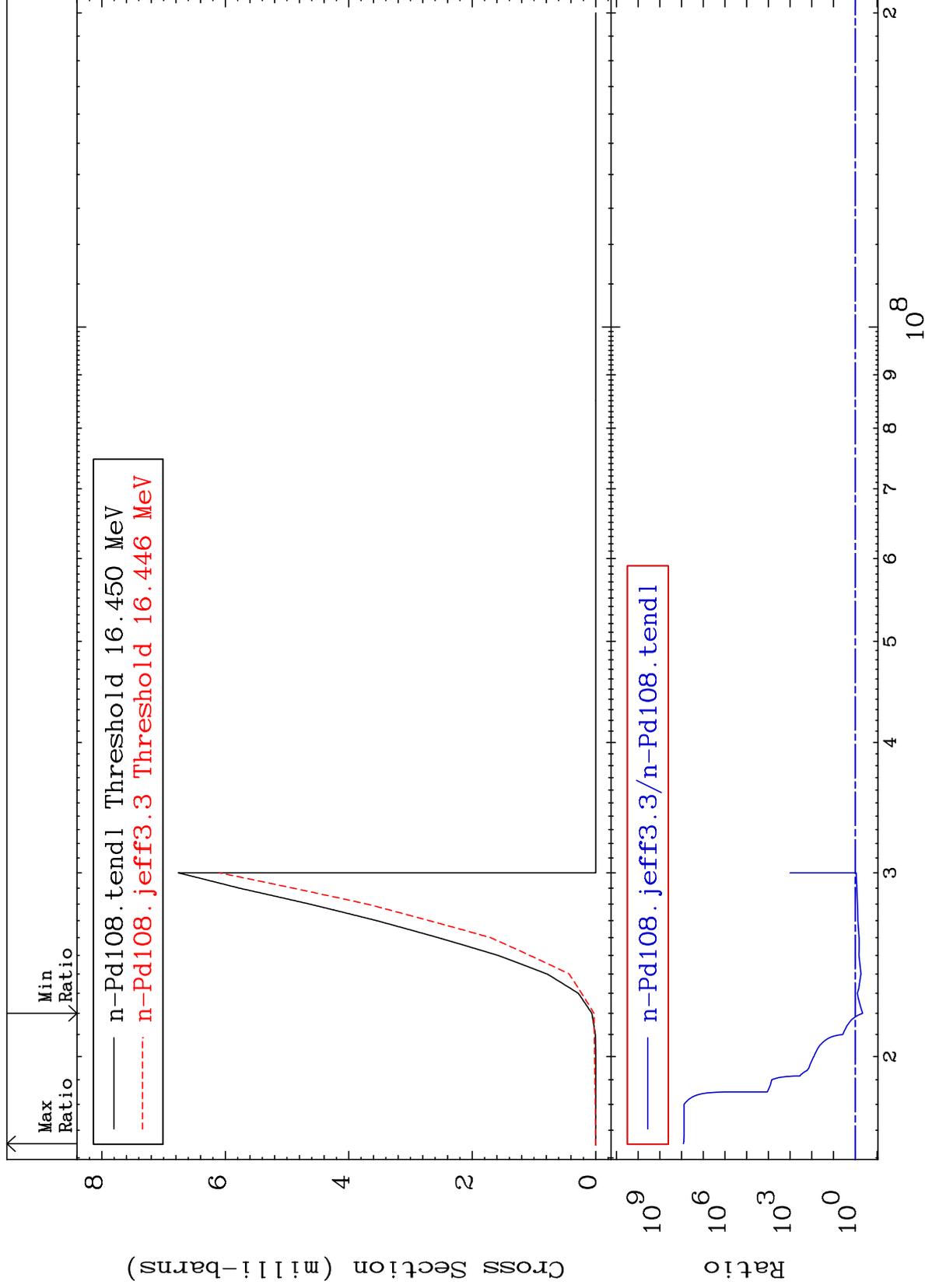


46-Pd-108

MAT 4643

(n,n') d
Cross Section

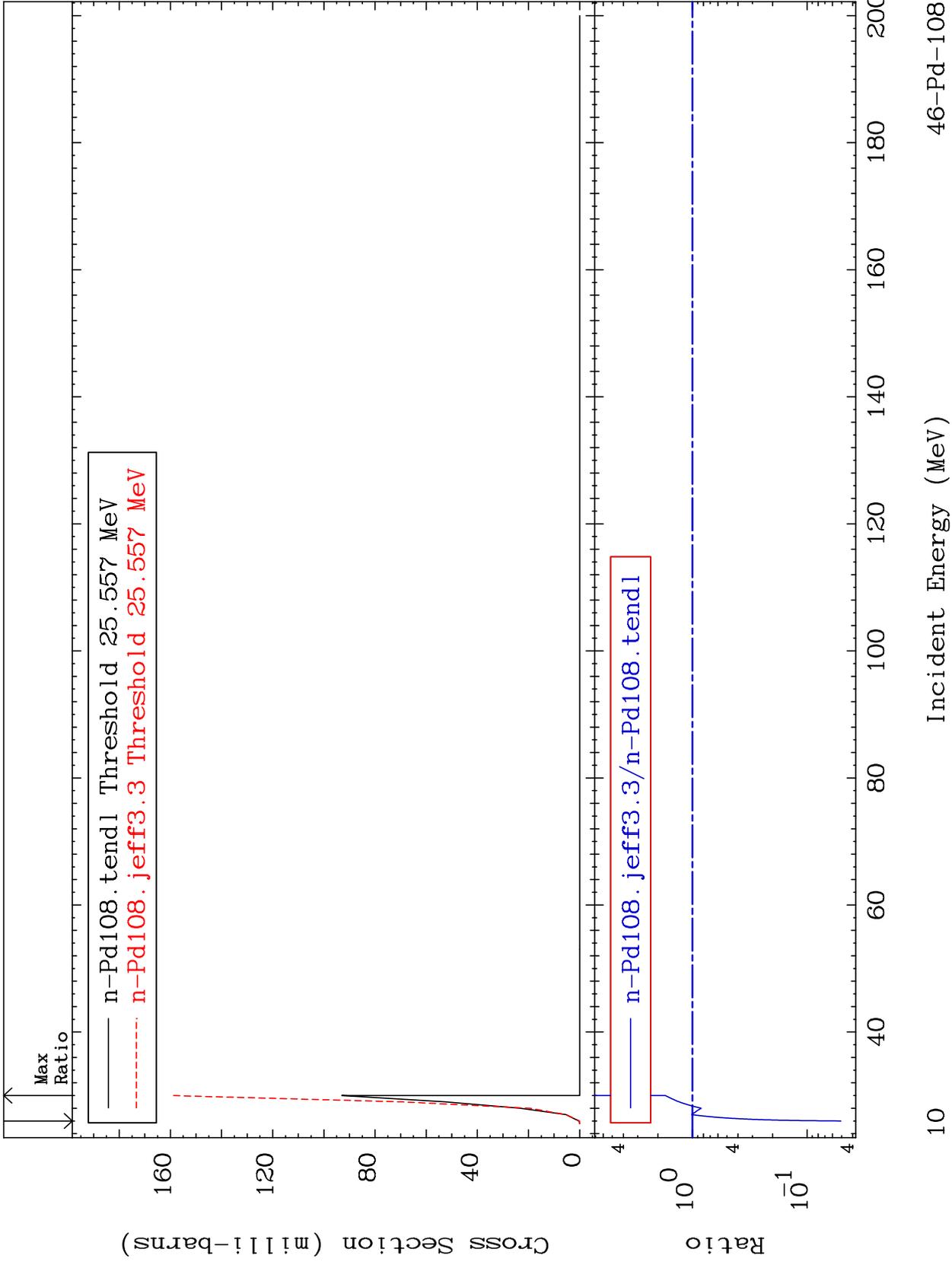
46-Pd-108
-54.45 To 9999. %



MAT 4643

(n,4n)
Cross Section

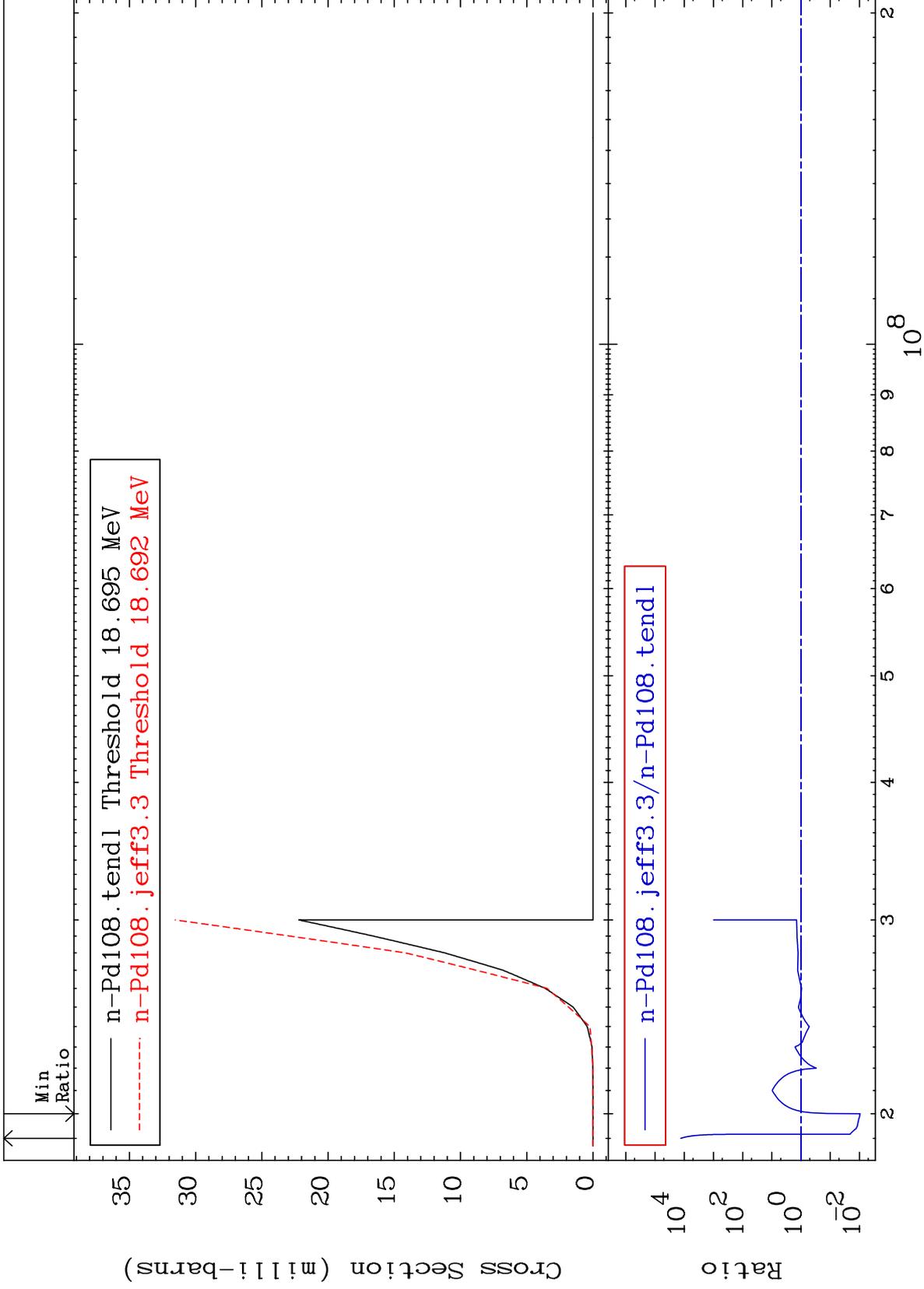
46-Pd-108
-94.92 To 71.59 %



MAT 4643

(n,2n) p
Cross Section

46-Pd-108
-99.05 To 9999. %



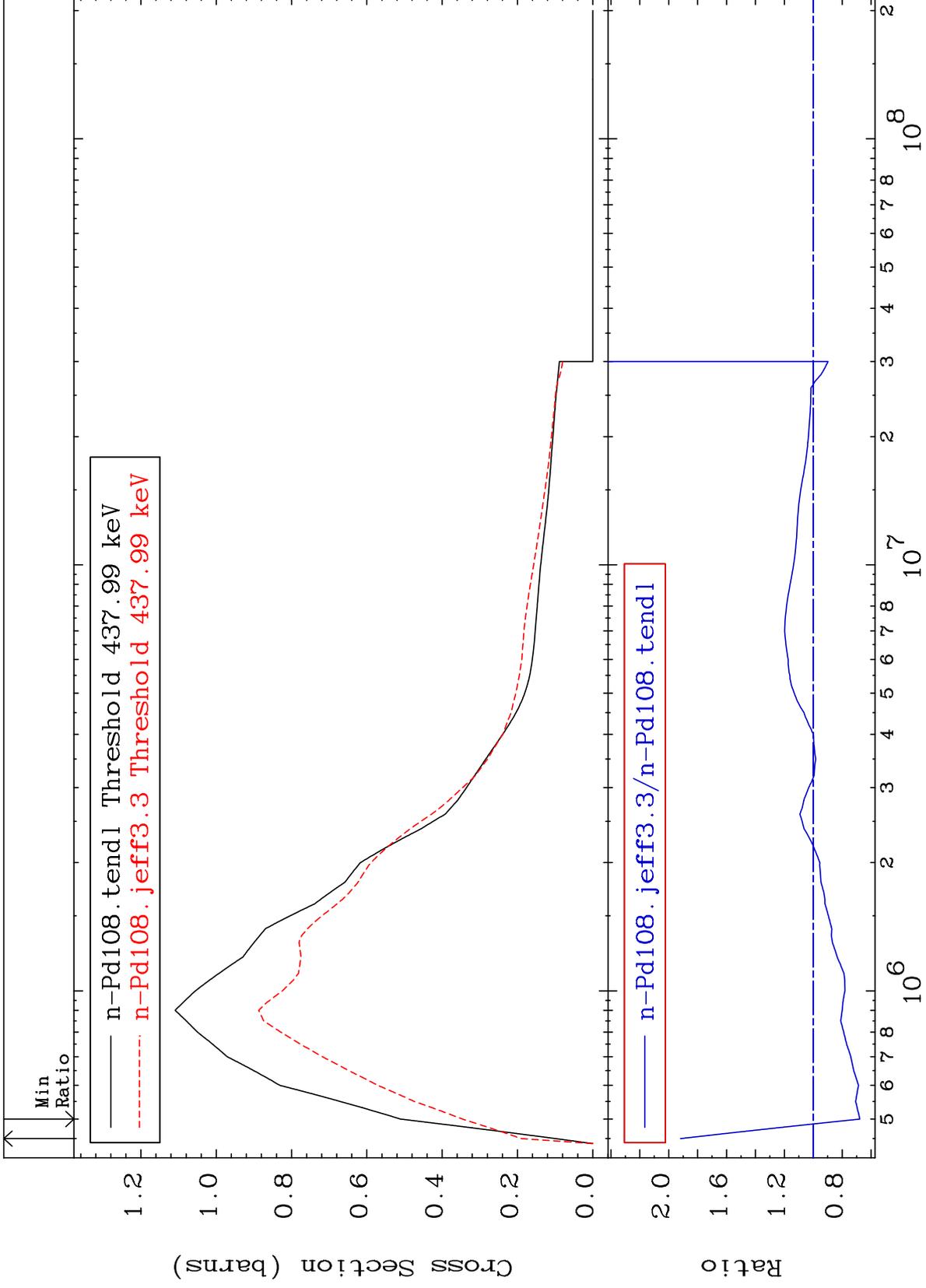
— n-Pd108.tendl Threshold 18.695 MeV
- - - n-Pd108.jeff3.3 Threshold 18.692 MeV

— n-Pd108.jeff3.3/n-Pd108.tendl

MAT 4643

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

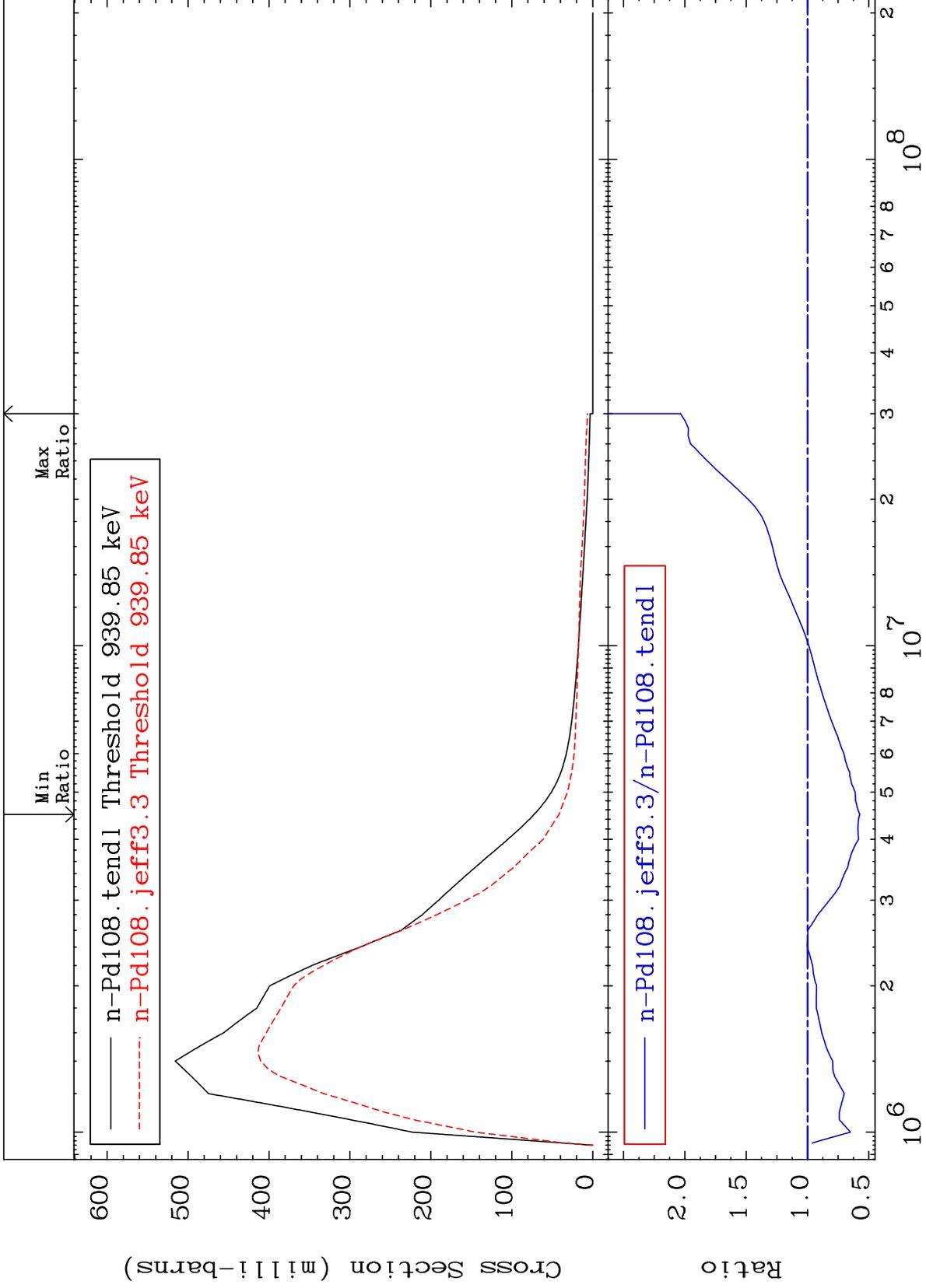
46-Pd-108
-32.21 To 91.84 %



MAT 4643

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

46-Pd-108
-42.64 To 103.6 %



13

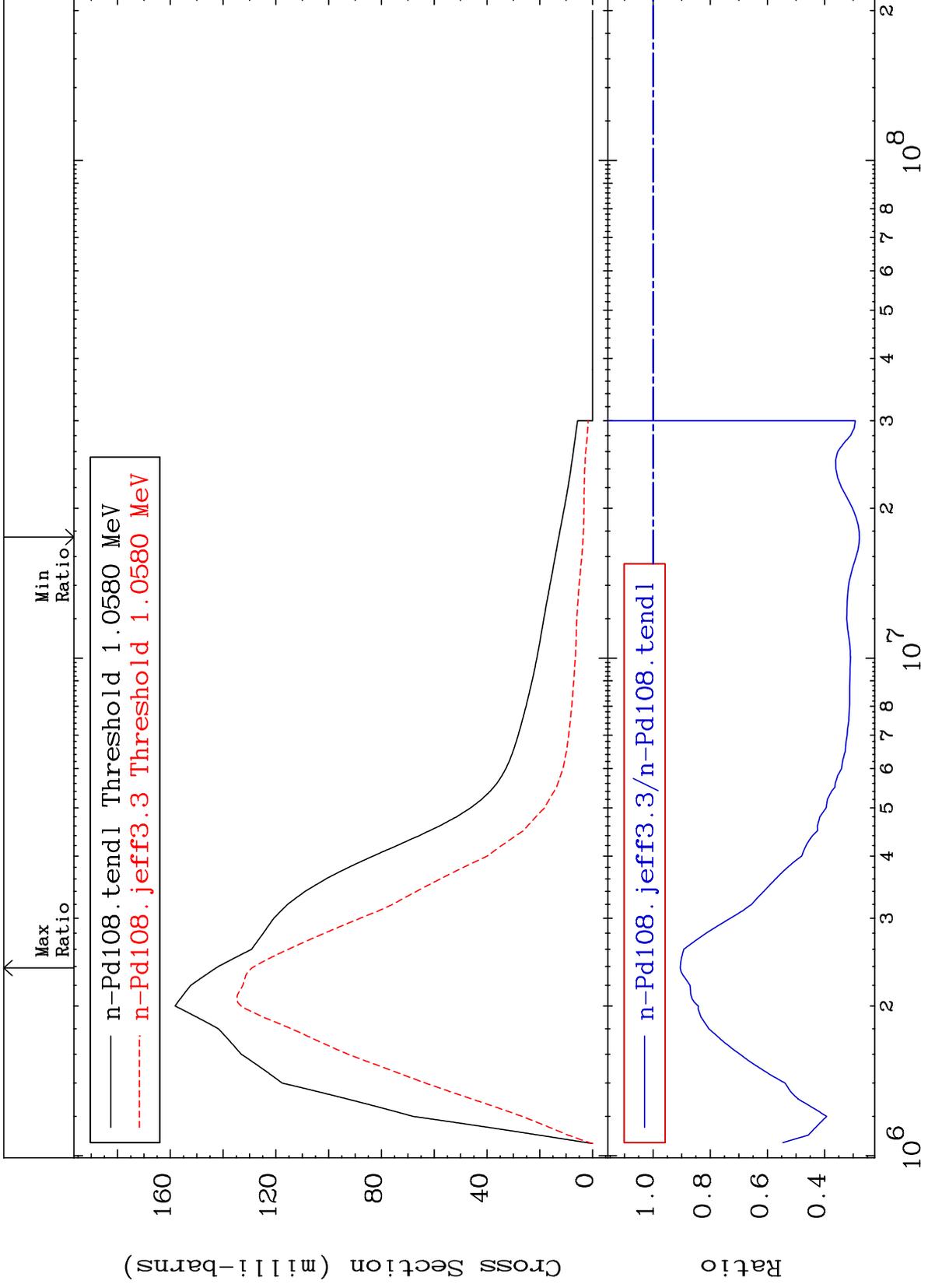
Incident Energy (eV)

46-Pd-108

MAT 4643

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

46-Pd-108
-72.22 To -9.525%



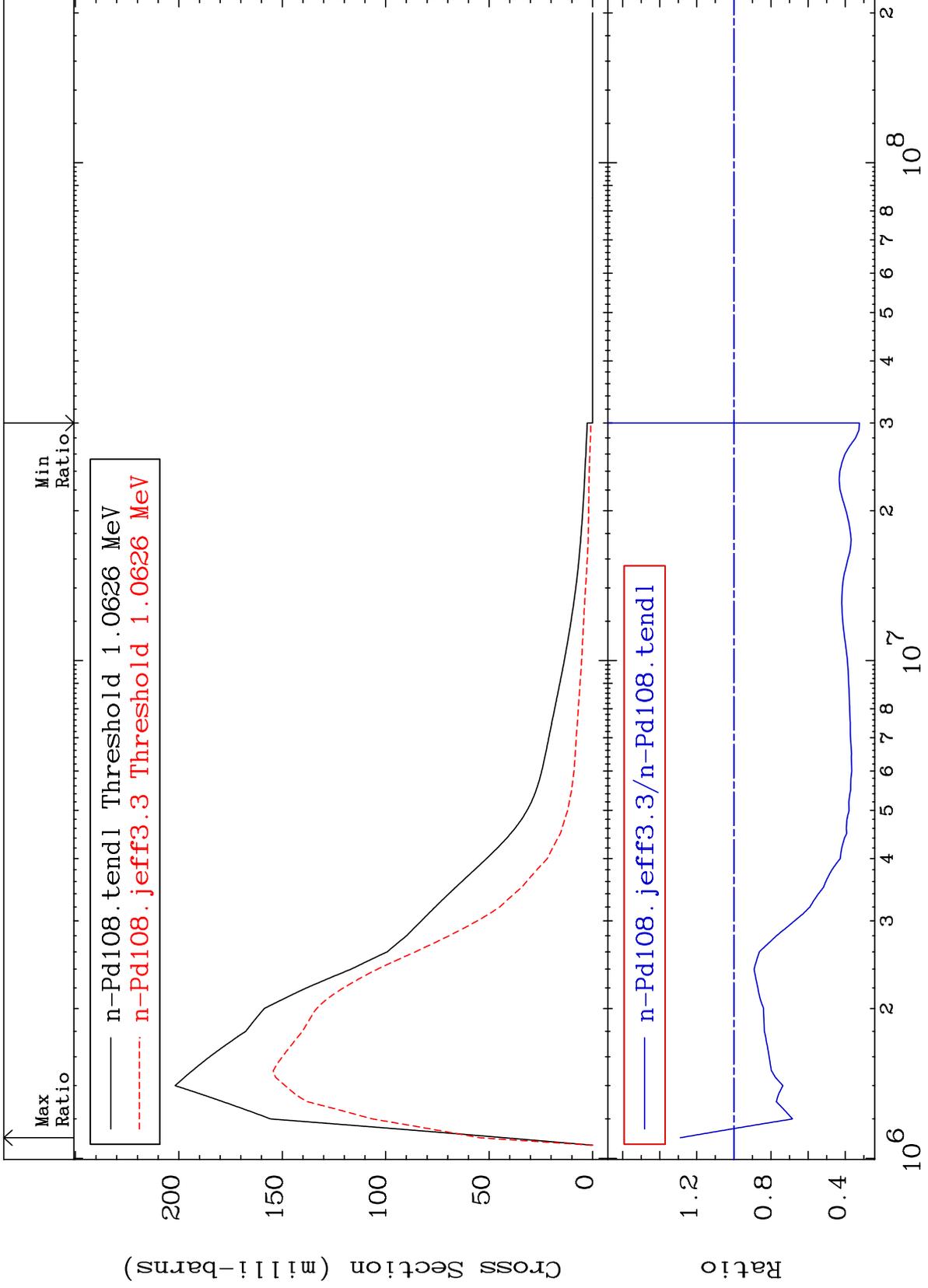
14

46-Pd-108

MAT 4643

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

46-Pd-108
-67.63 To 28.91 %



15

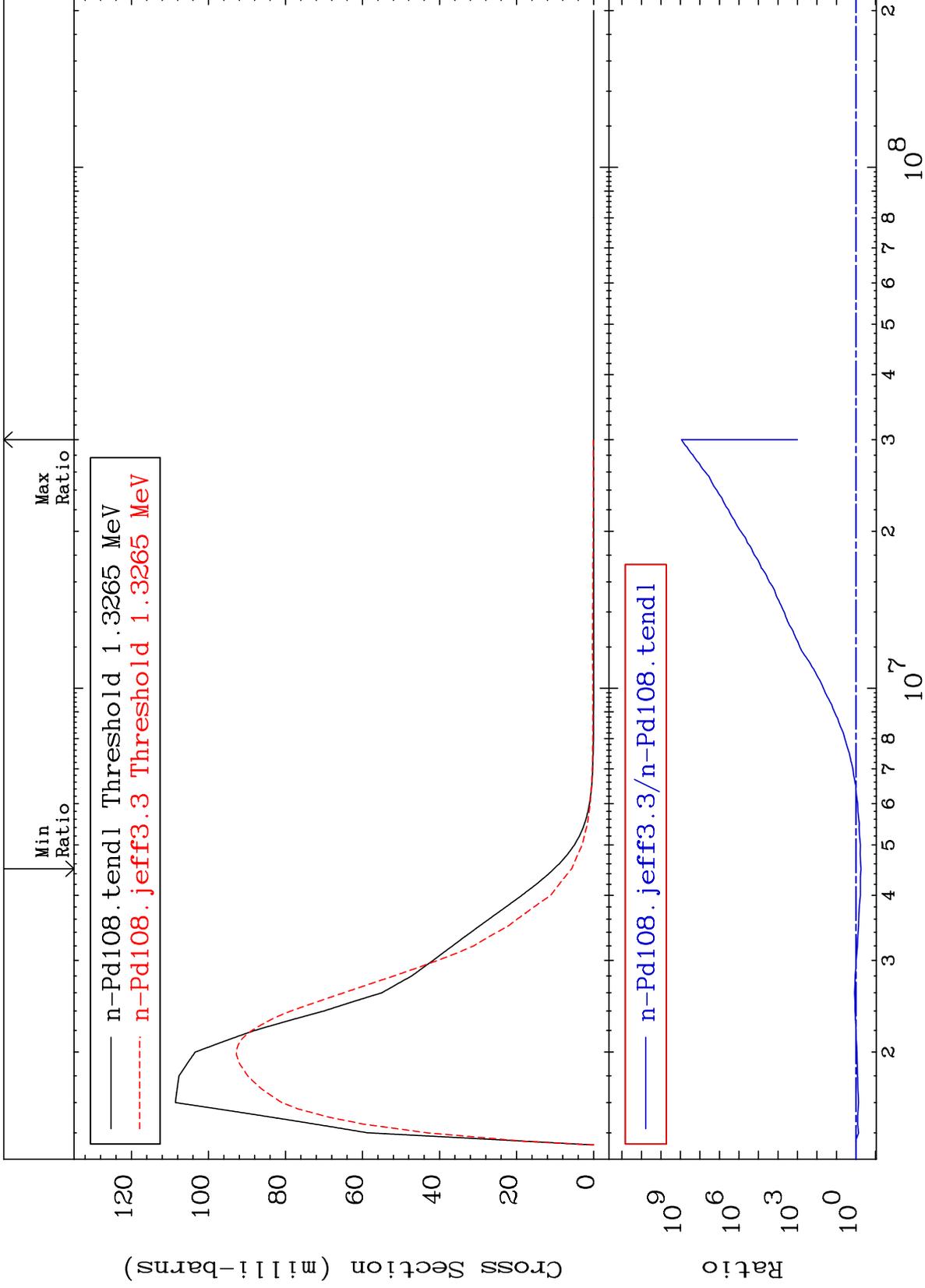
Incident Energy (eV)

46-Pd-108

MAT 4643

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

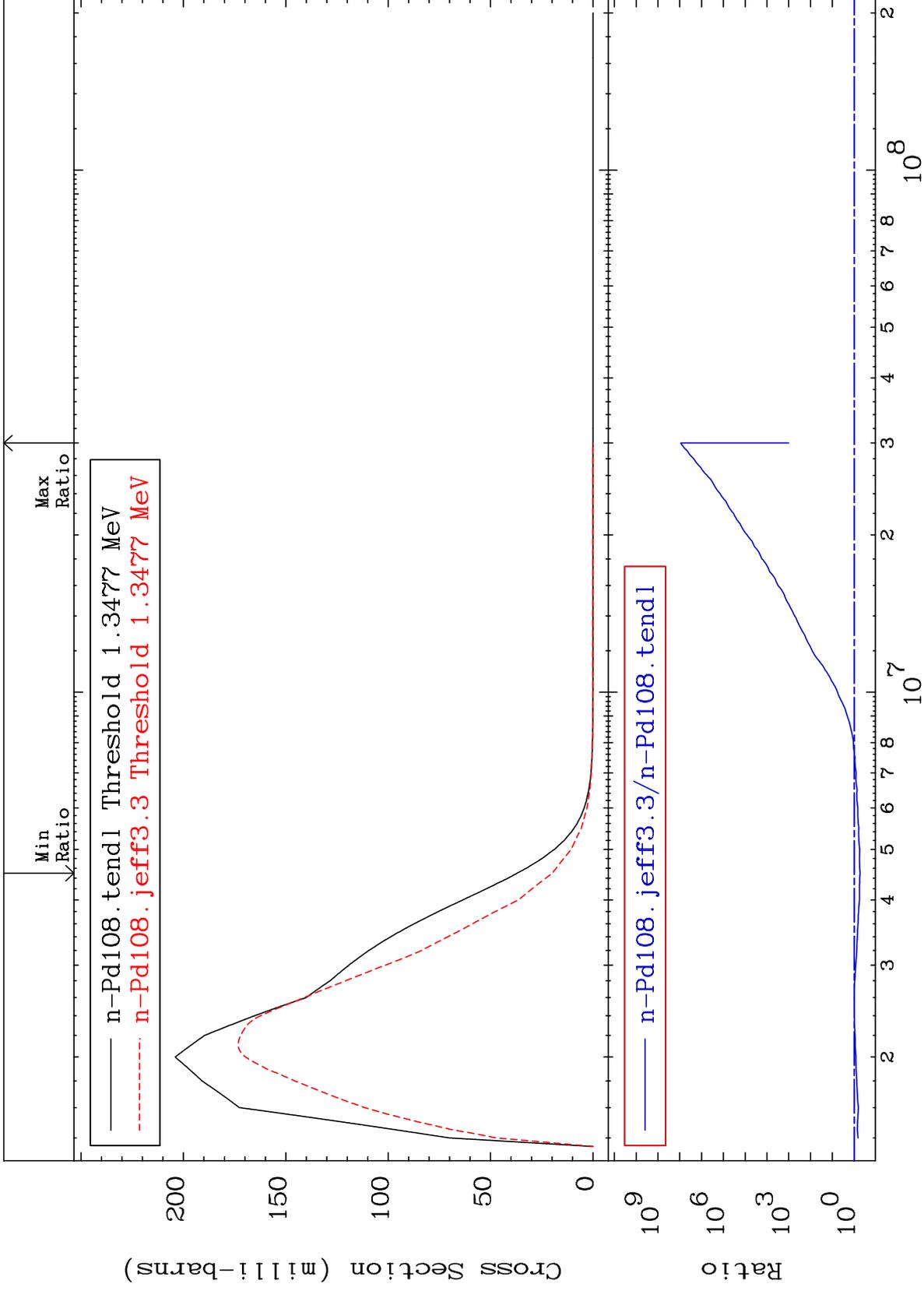
46-Pd-108
-44.58 To 9999. %



MAT 4643

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

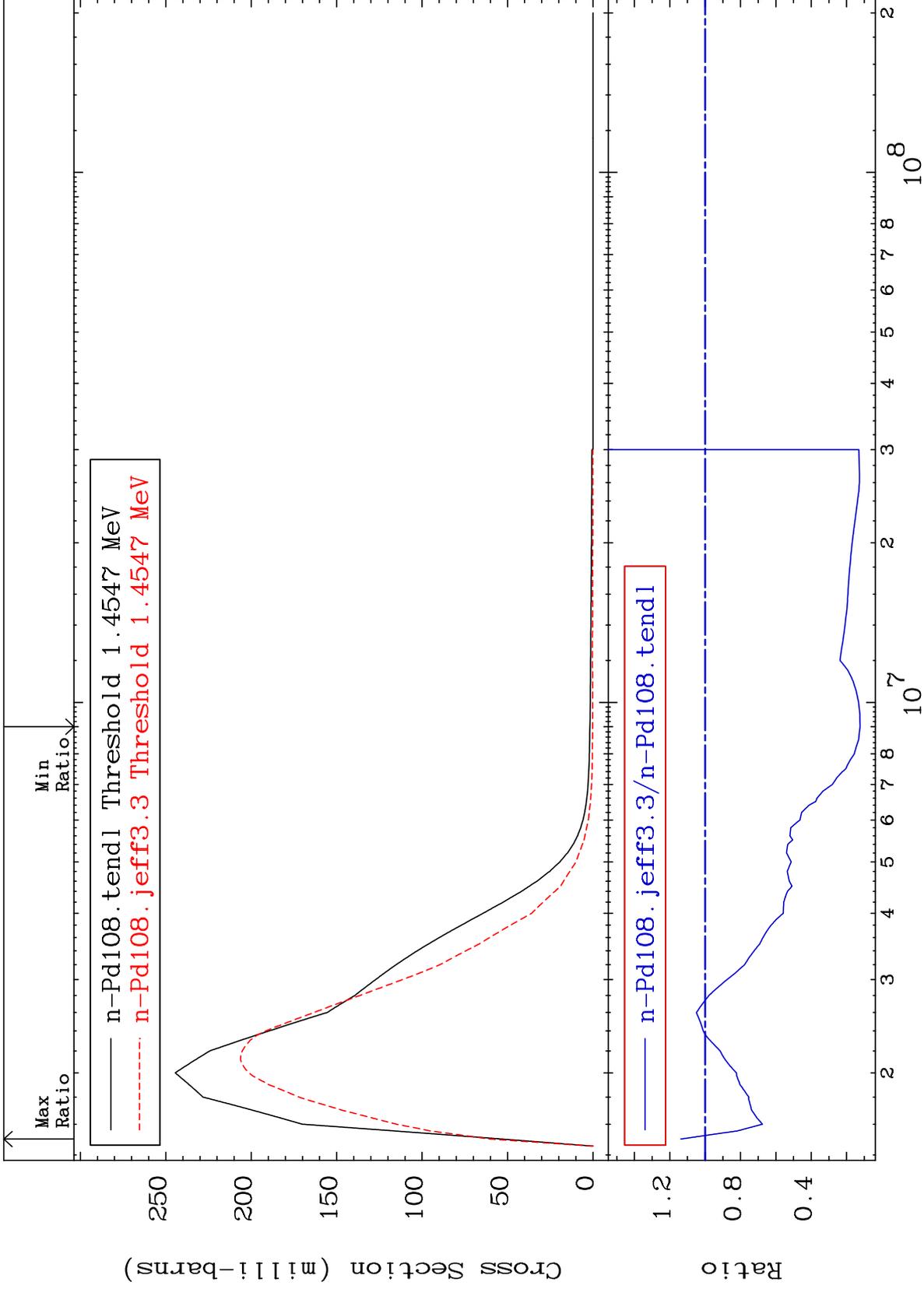
46-Pd-108
-46.43 To 9999. %



MAT 4643

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

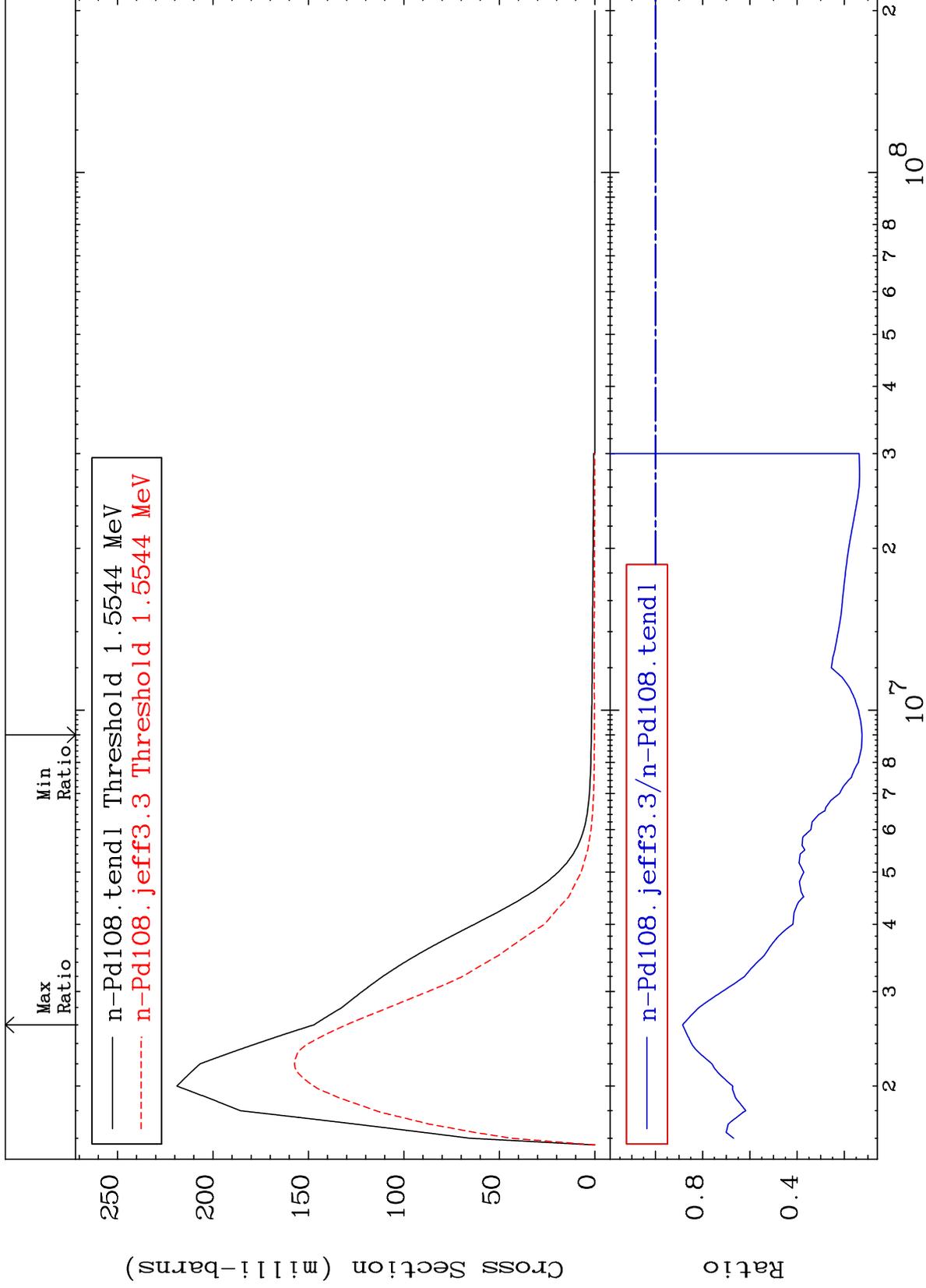
46-Pd-108
-87.66 To 13.79 %



MAT 4643

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

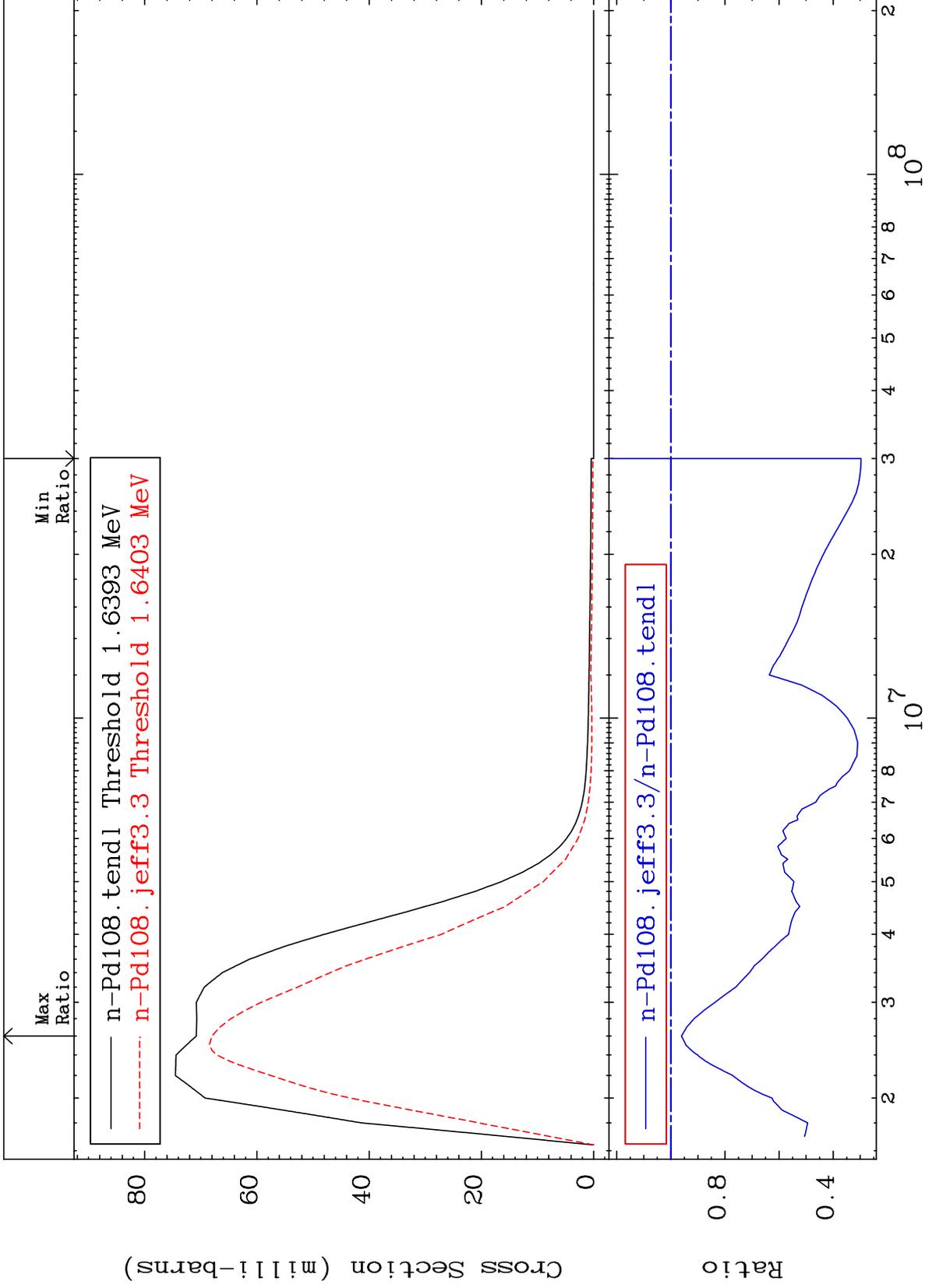
46-Pd-108
-87.49 To -11.54%



MAT 4643

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

46-Pd-108
-70.28 To -3.949%



20

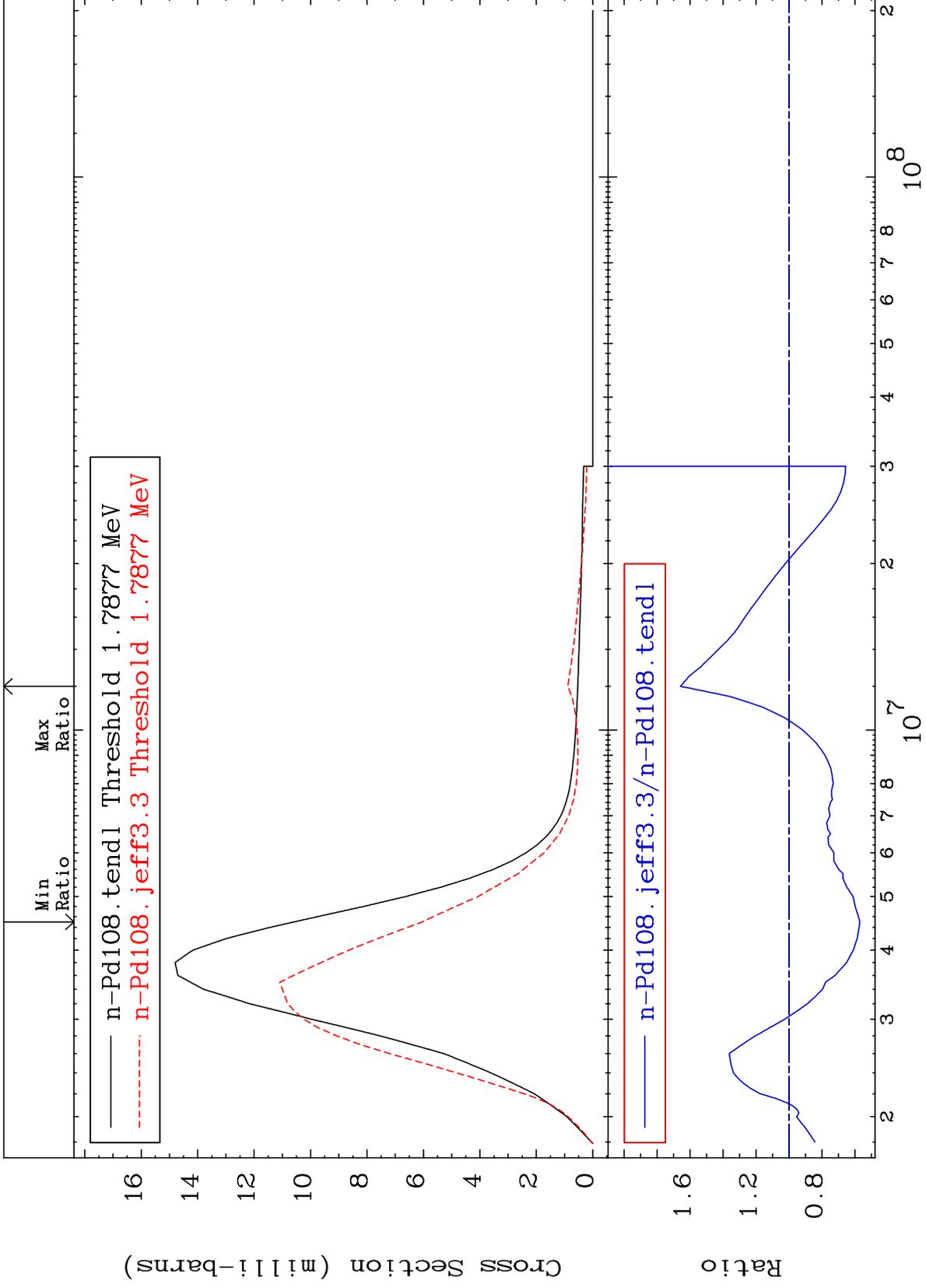
46-Pd-108

46-Pd-108

MAT 4643

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

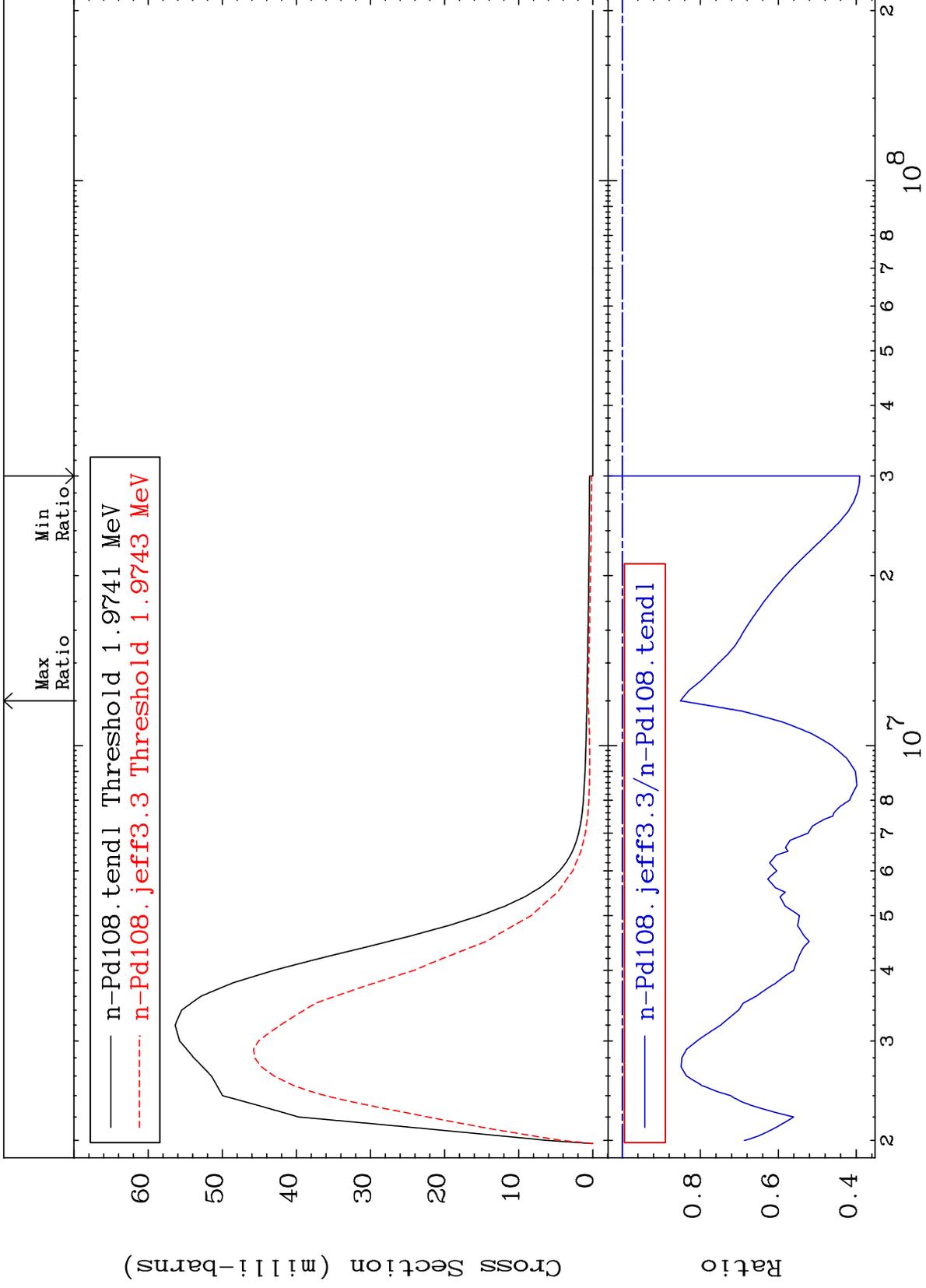
46-Pd-108
-42.90 To 65.84 %



MAT 4643

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

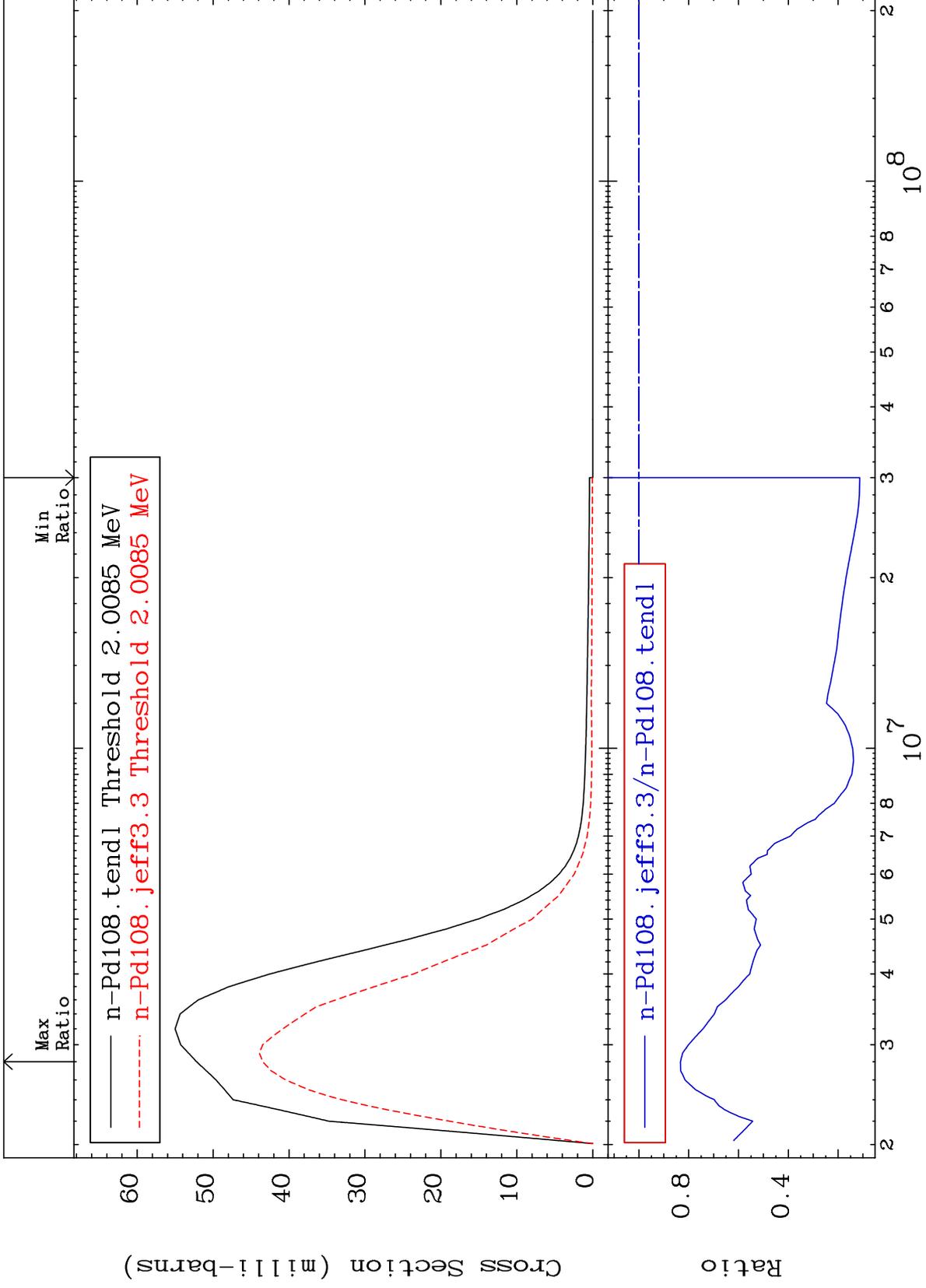
46-Pd-108
-60.92 To -14.91%



MAT 4643

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

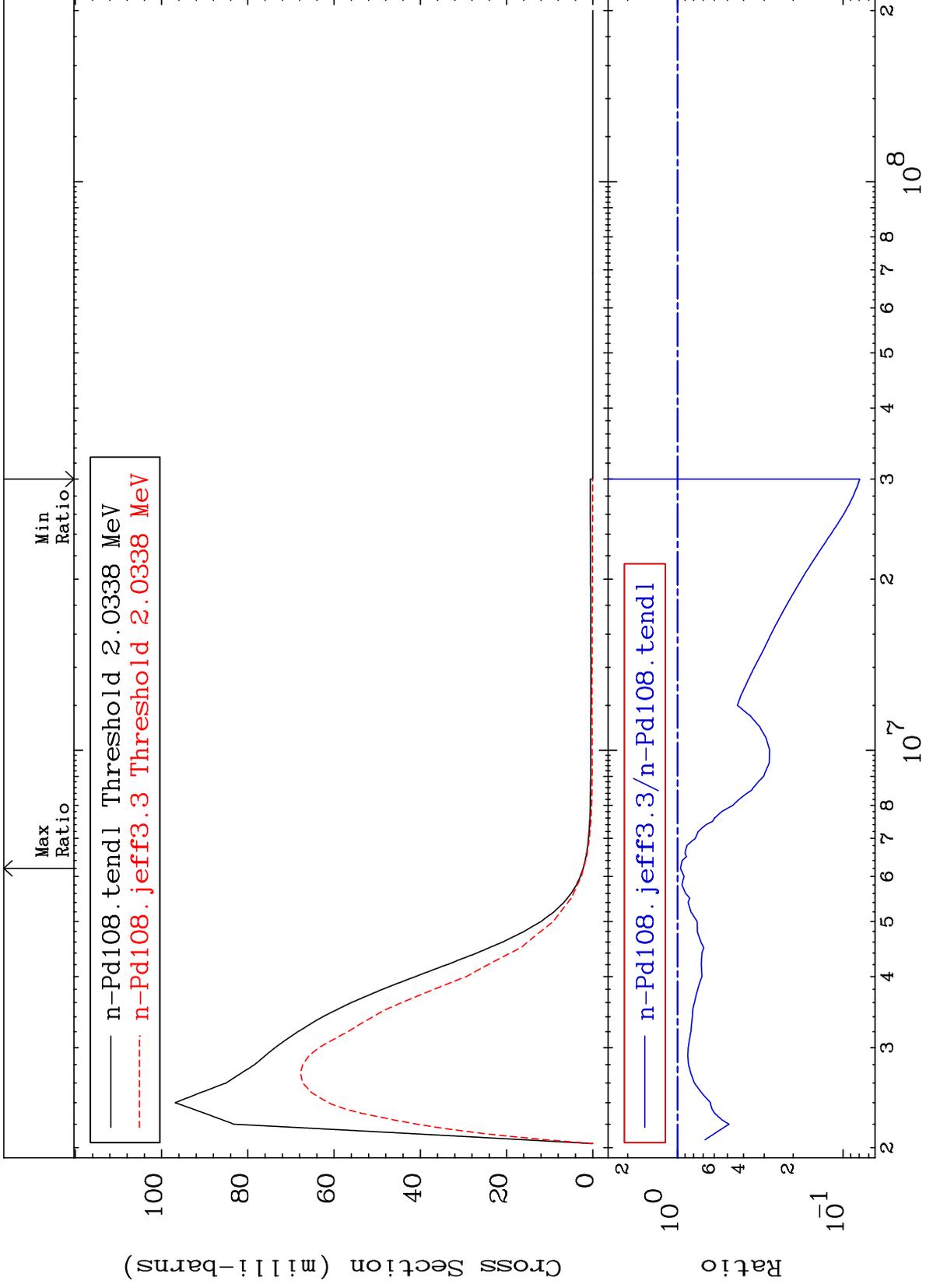
46-Pd-108
-88.71 To -16.71%



MAT 4643

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

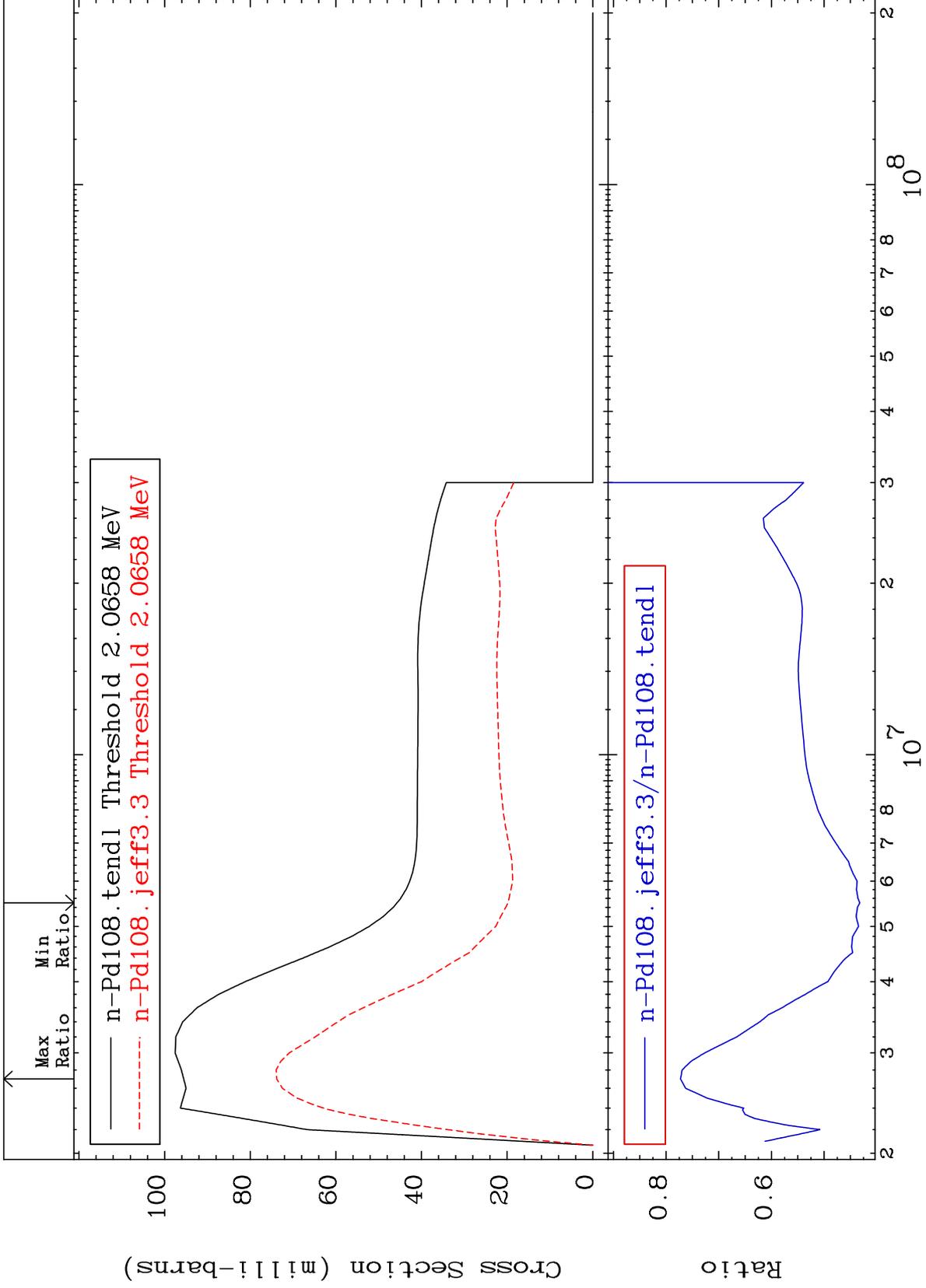
46-Pd-108
-92.07 To -4.062%



MAT 4643

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

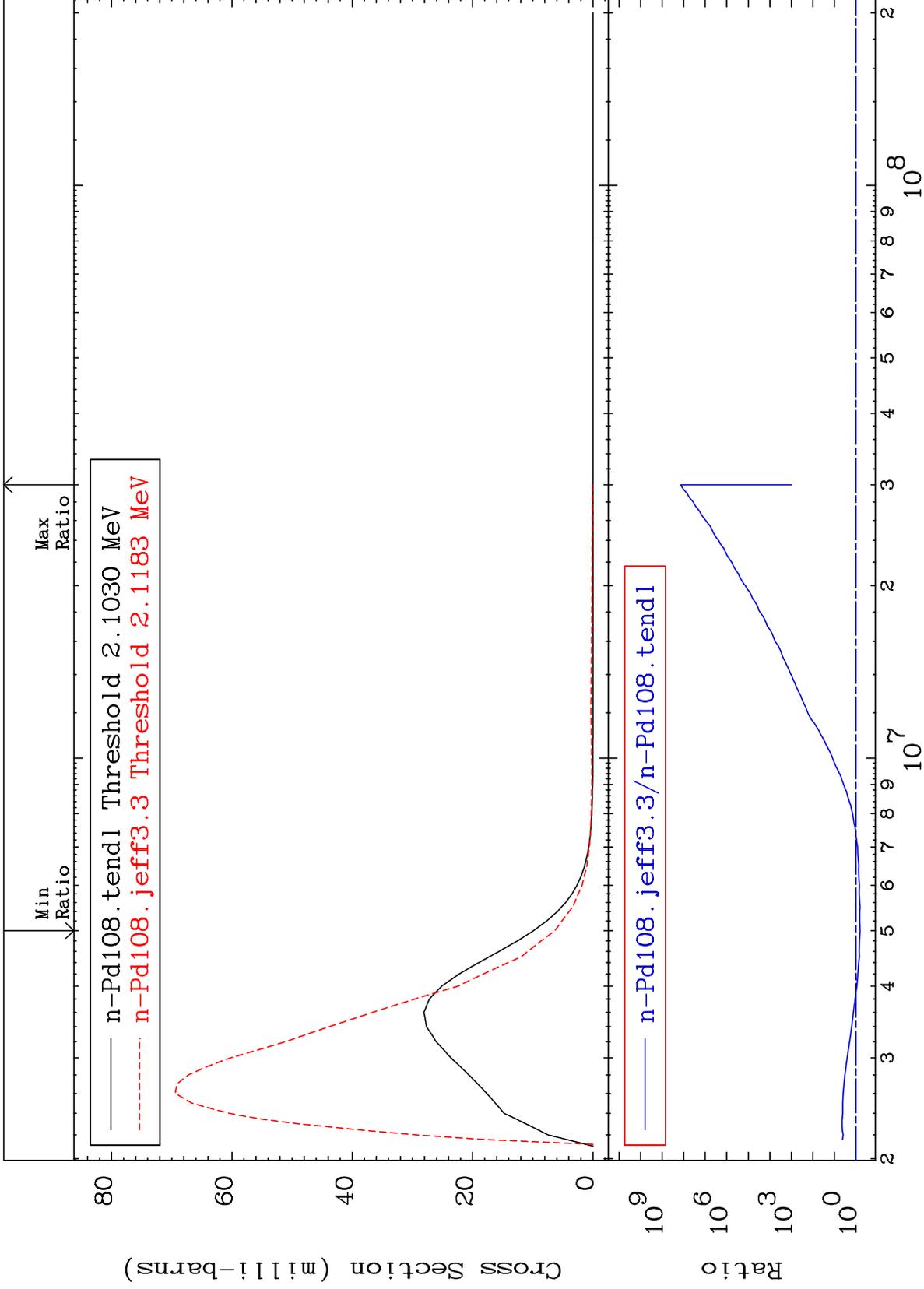
46-Pd-108
-56.79 To -22.74%



MAT 4643

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

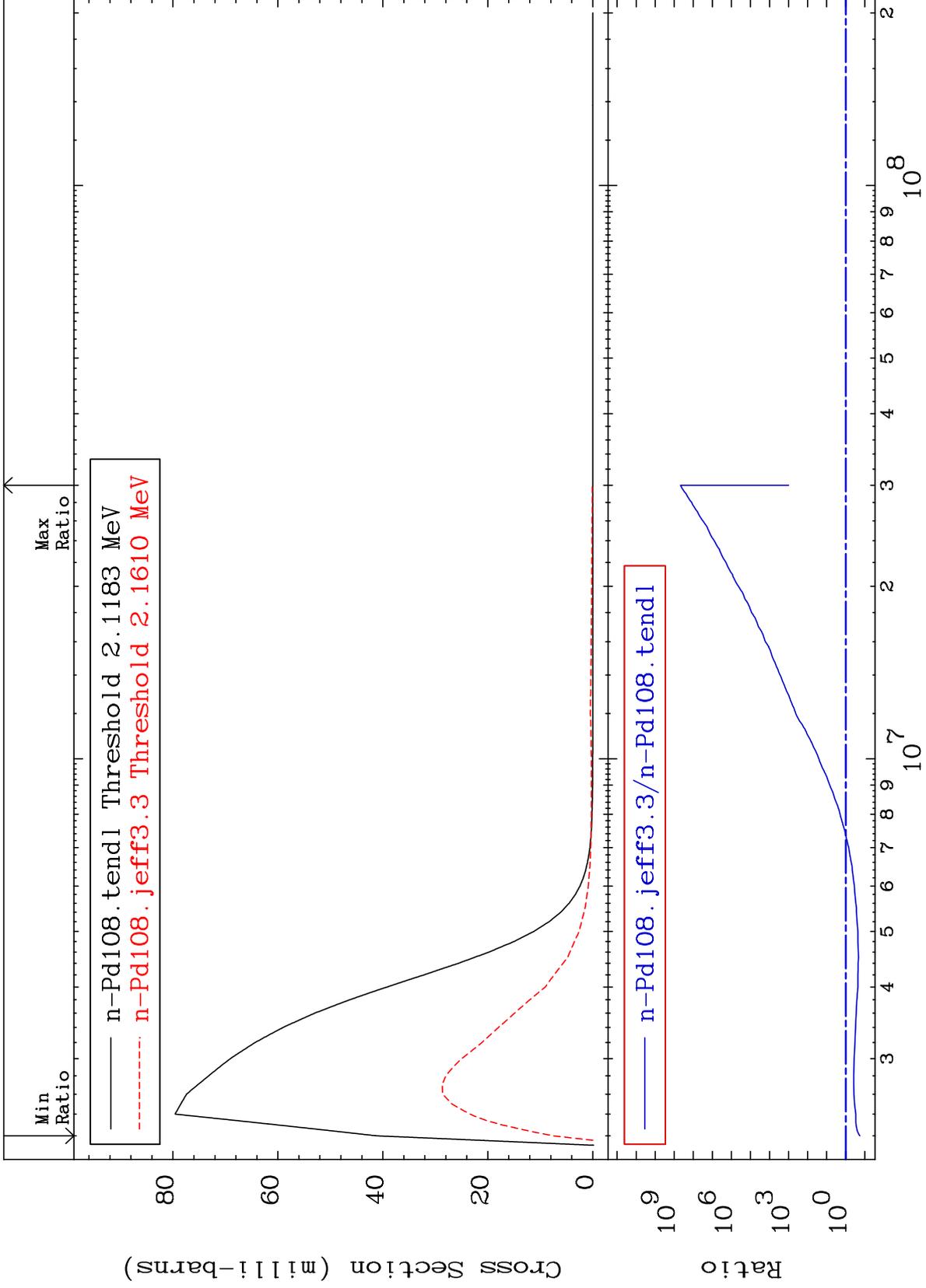
46-Pd-108
-35.90 To 9999. %



MAT 4643

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

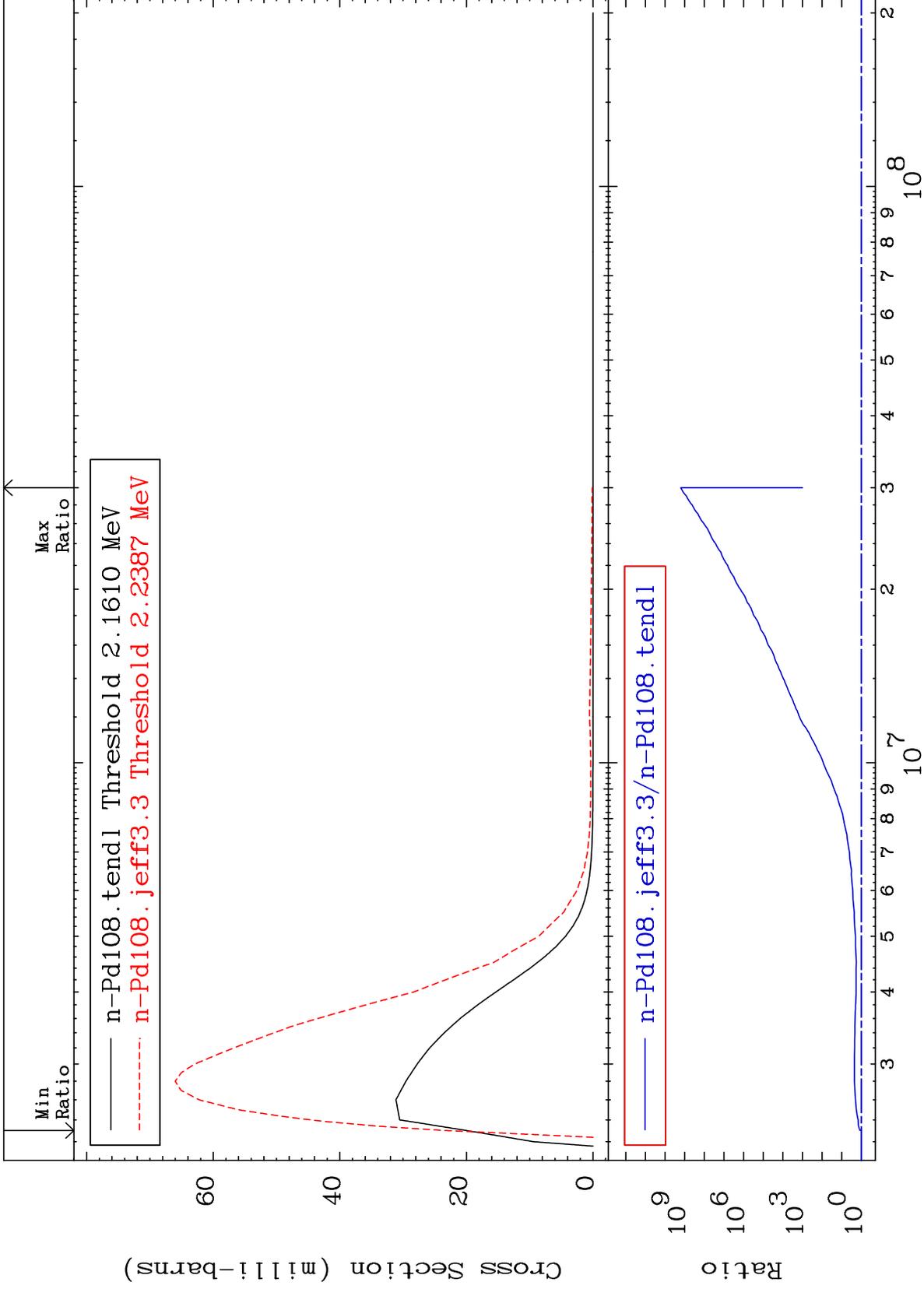
46-Pd-108
-81.71 To 9999. %



MAT 4643

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

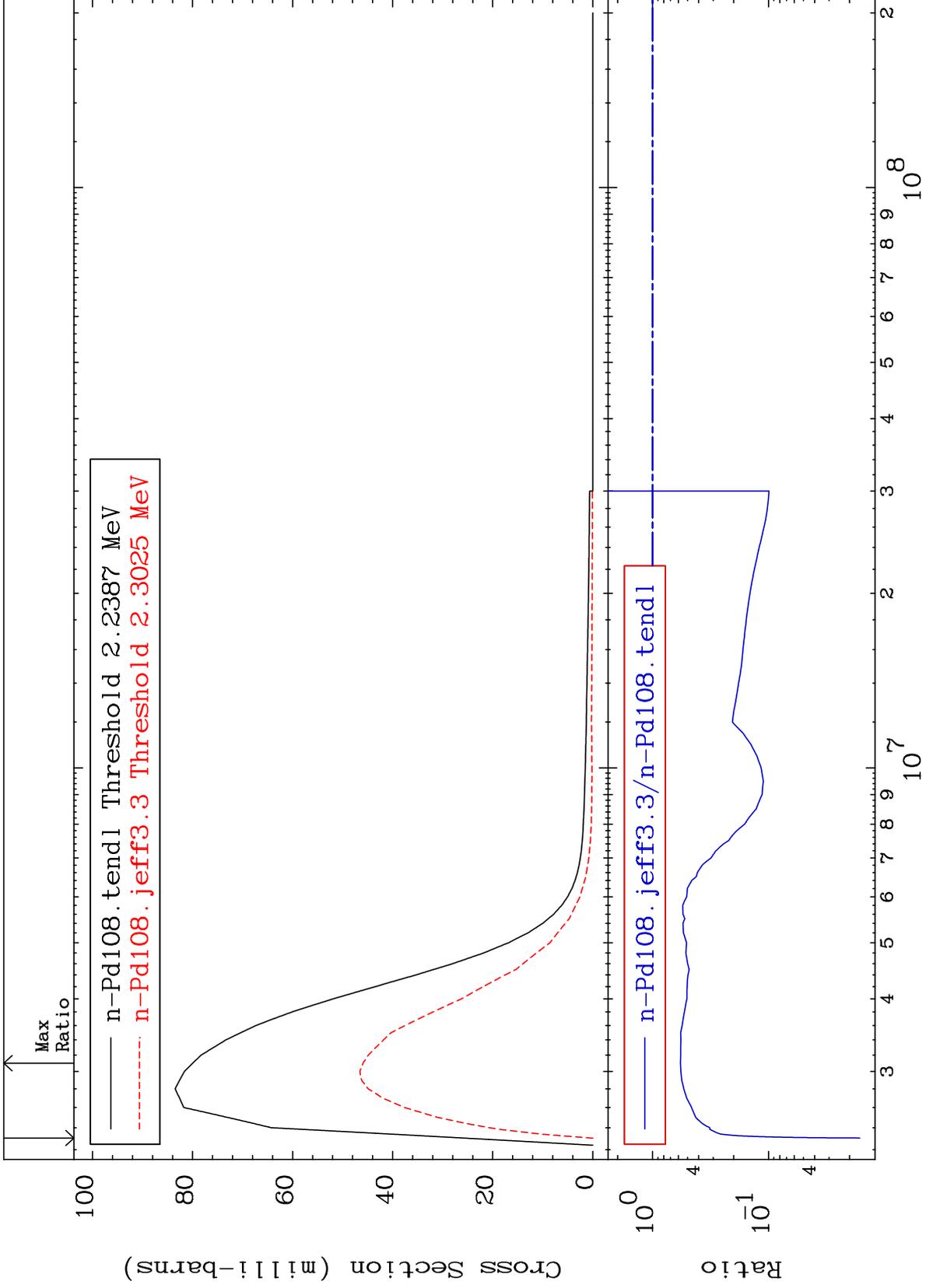
46-Pd-108
16.23 To 9999. %



MAT 4643

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

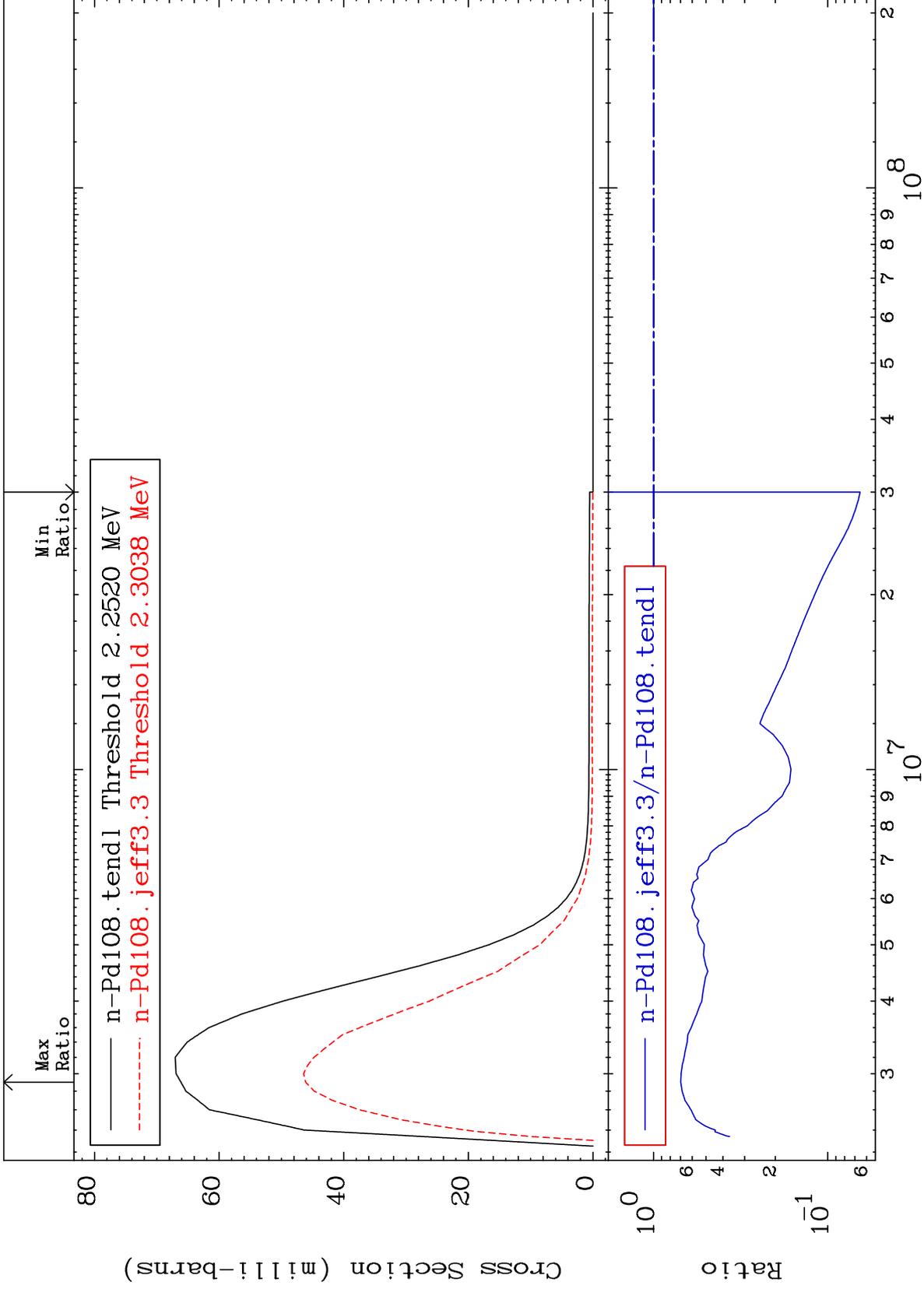
46-Pd-108
-98.37 To -42.59%



MAT 4643

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

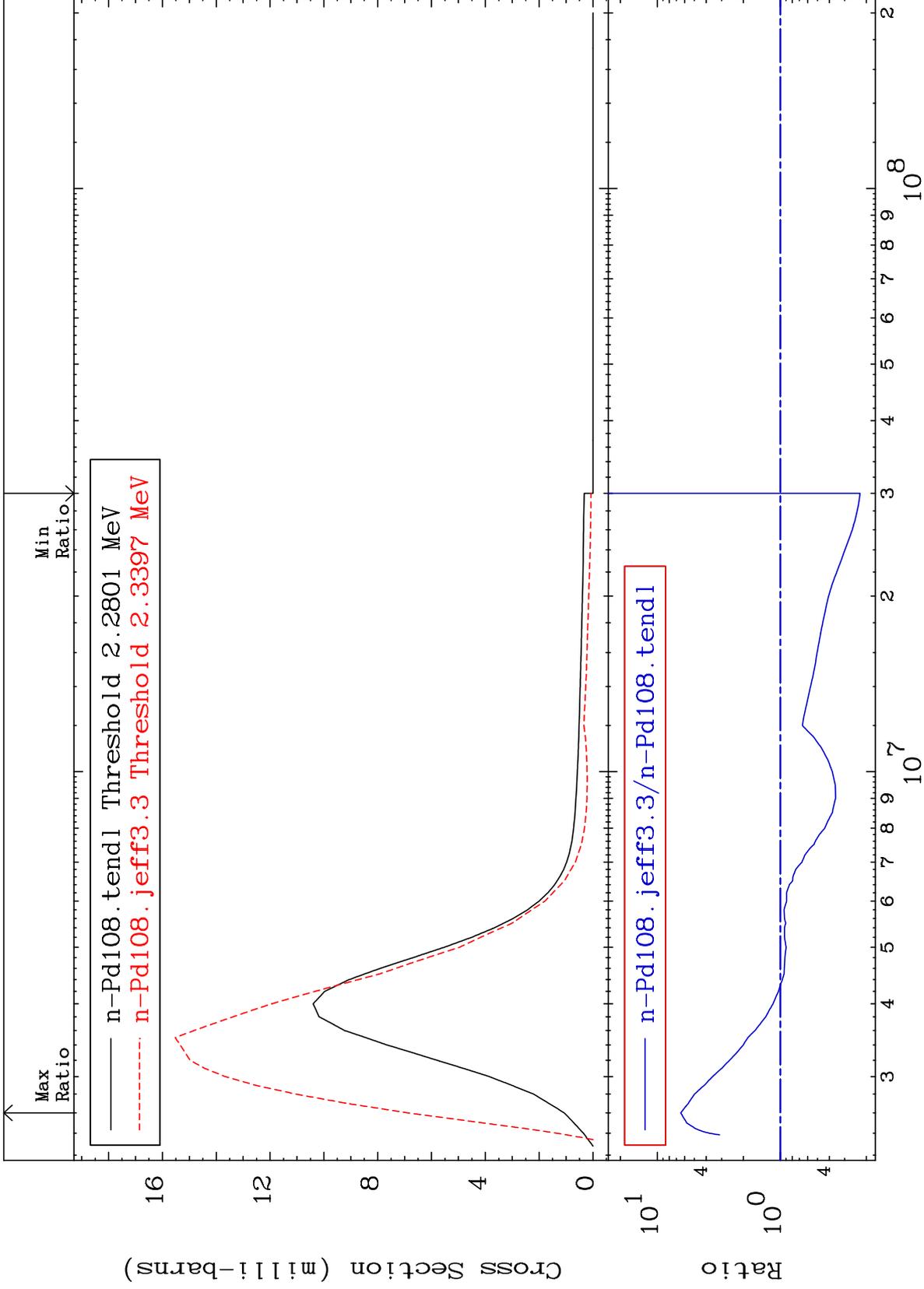
46-Pd-108
-93.47 To -30.26%



MAT 4643

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

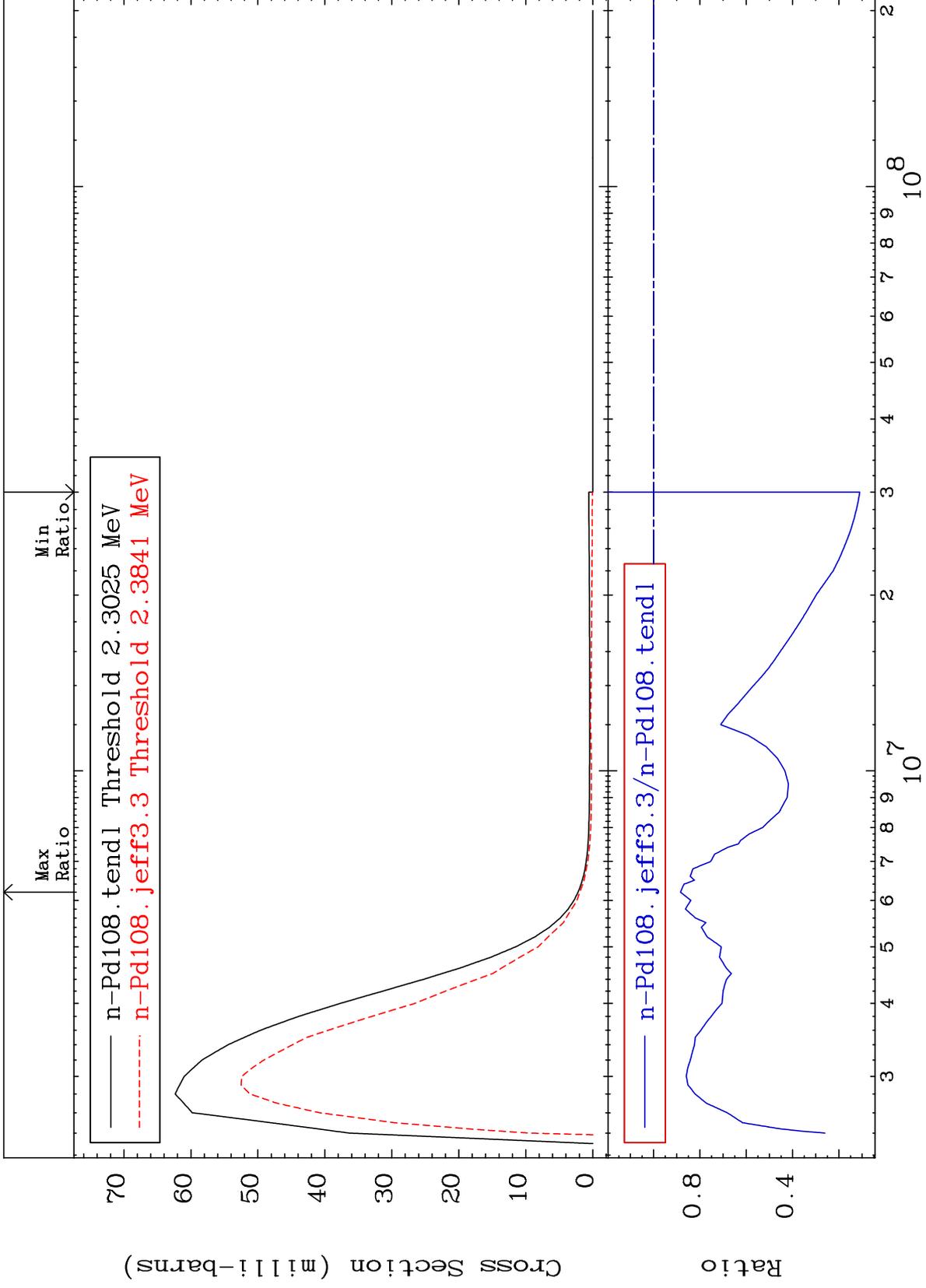
46-Pd-108
-77.51 To 545.0 %



MAT 4643

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

46-Pd-108
-89.00 To -11.62%



32

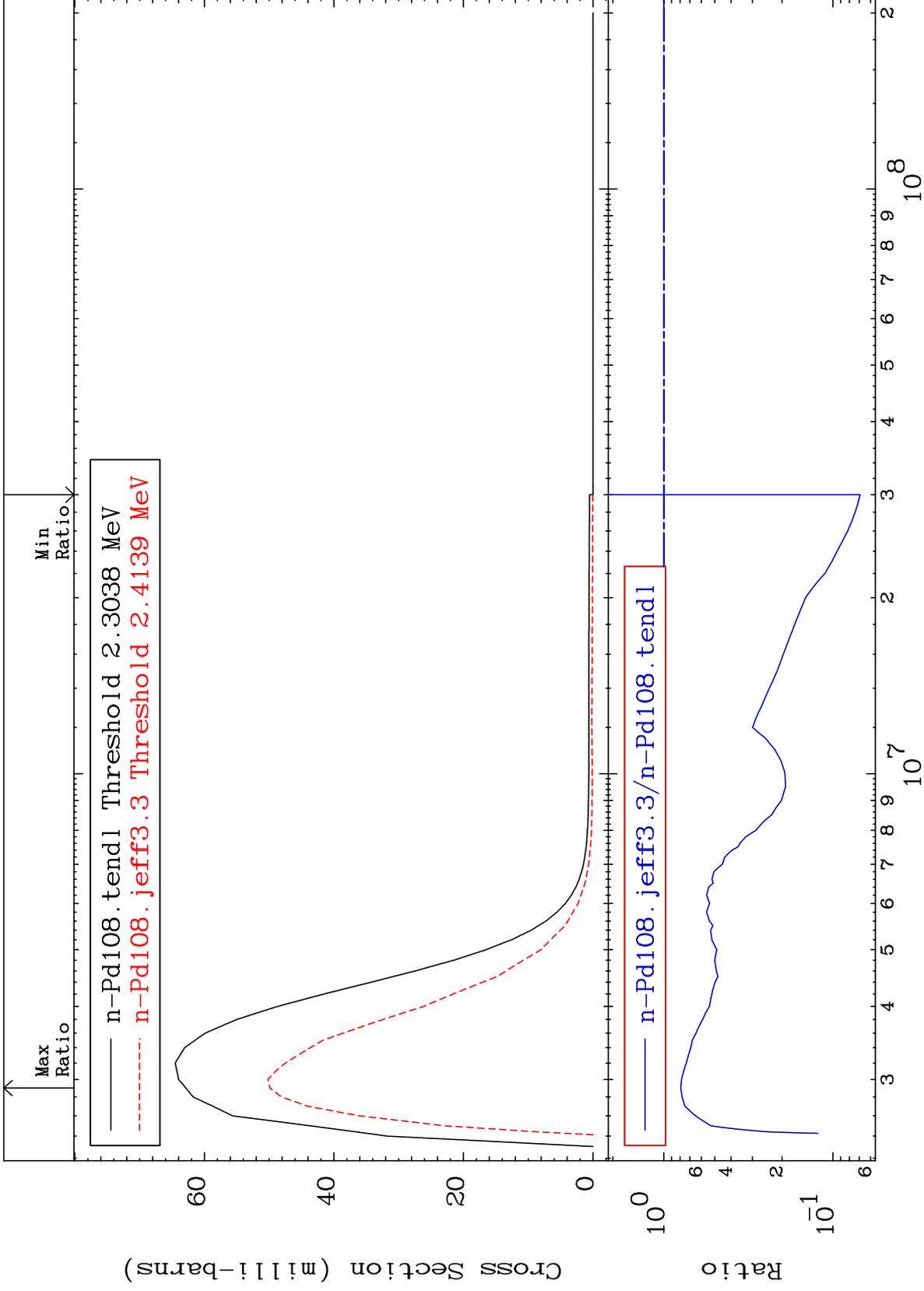
Incident Energy (eV)

46-Pd-108

MAT 4643

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

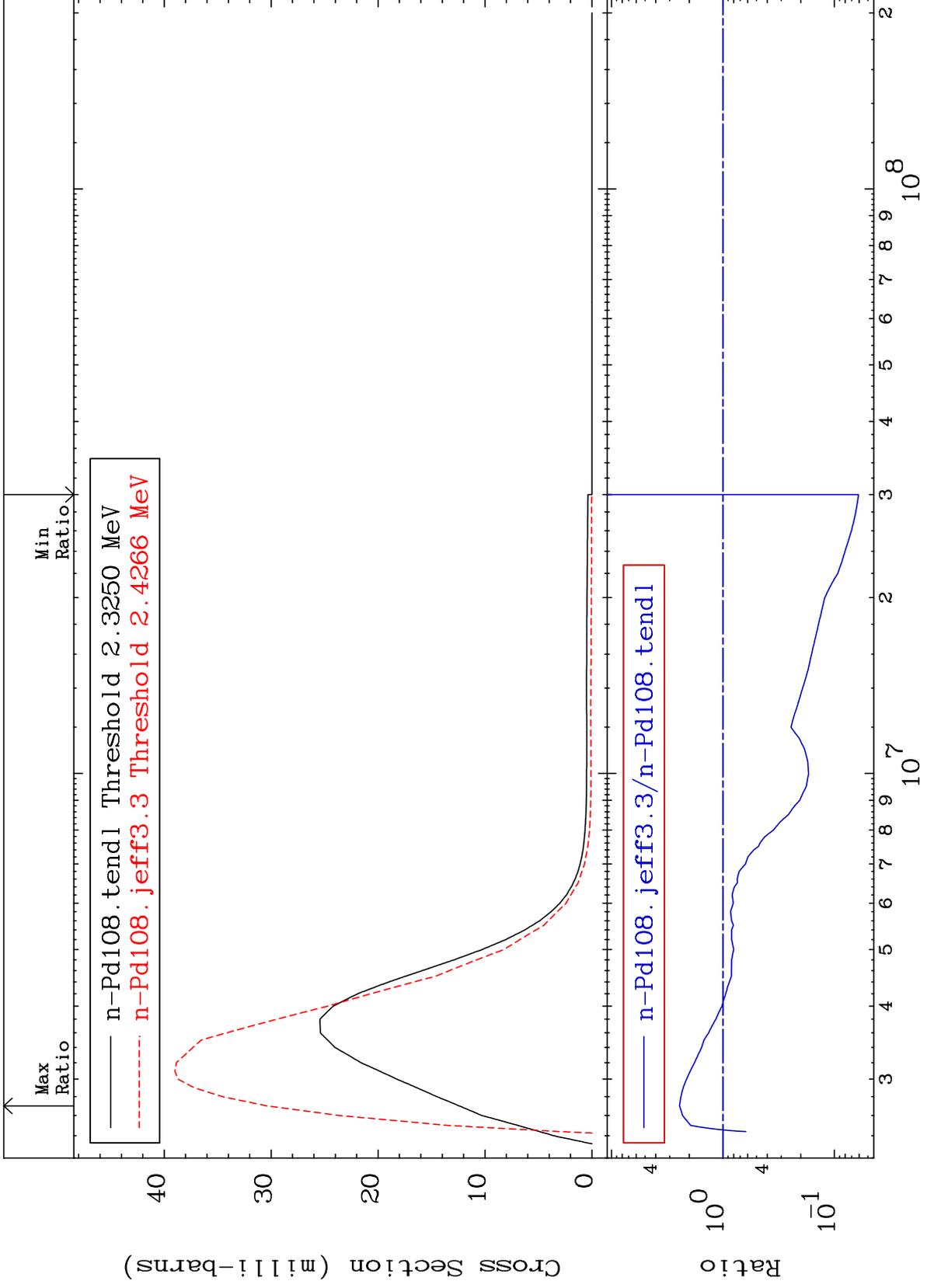
46-Pd-108
-93.09 To -20.66%



MAT 4643

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

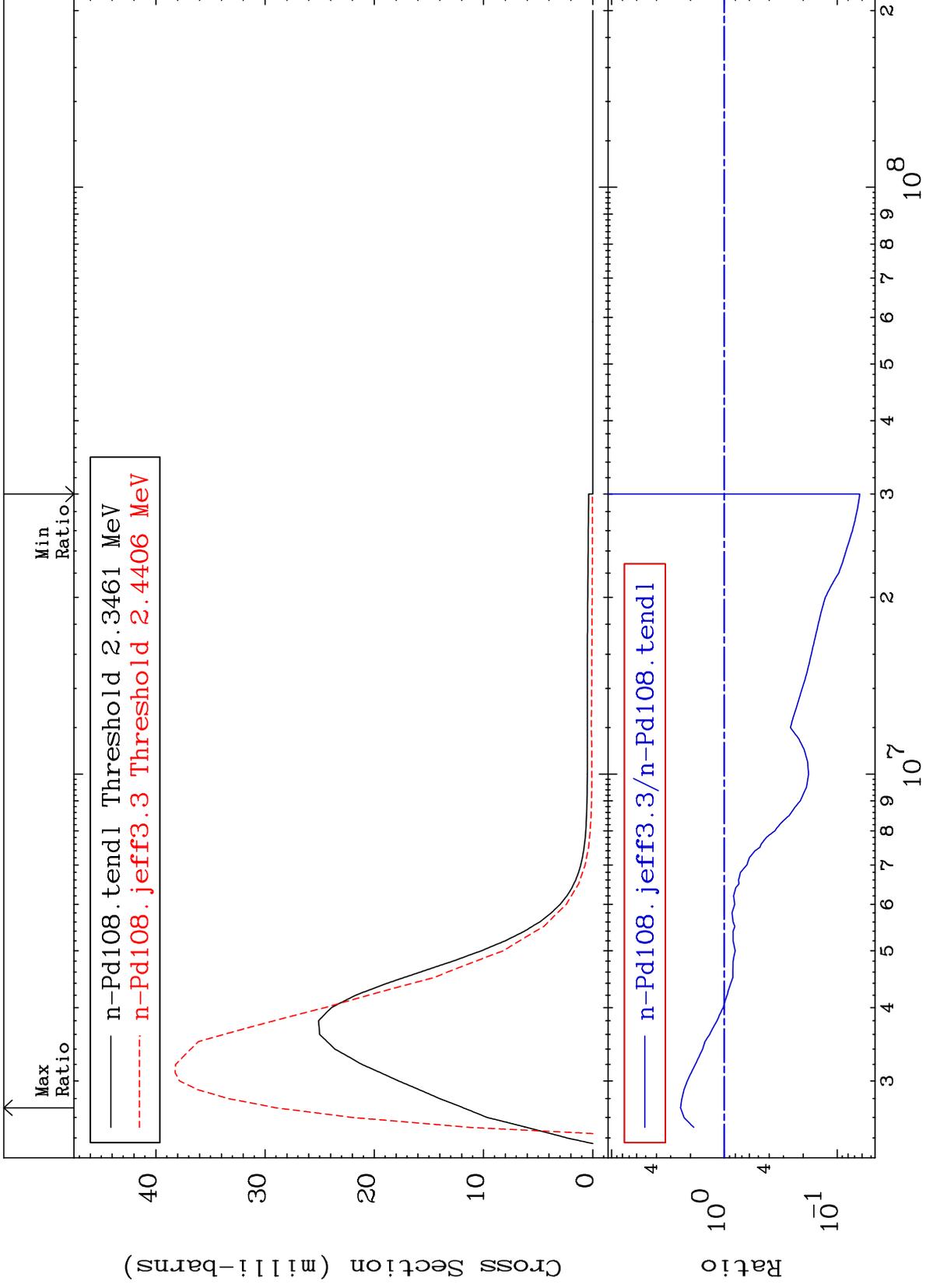
46-Pd-108
-93.93 To 145.0 %

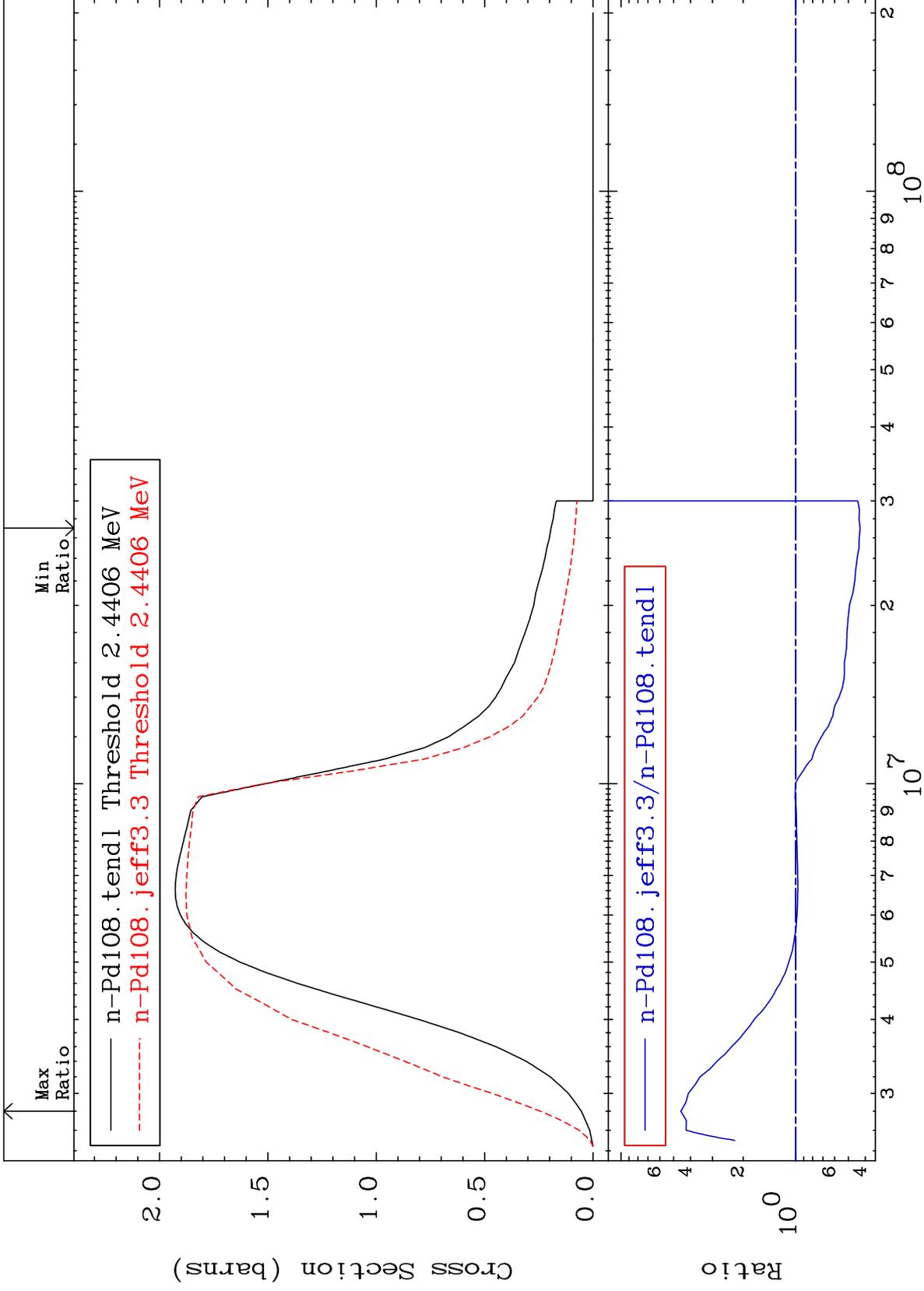


MAT 4643

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

46-Pd-108
-93.70 To 144.8 %

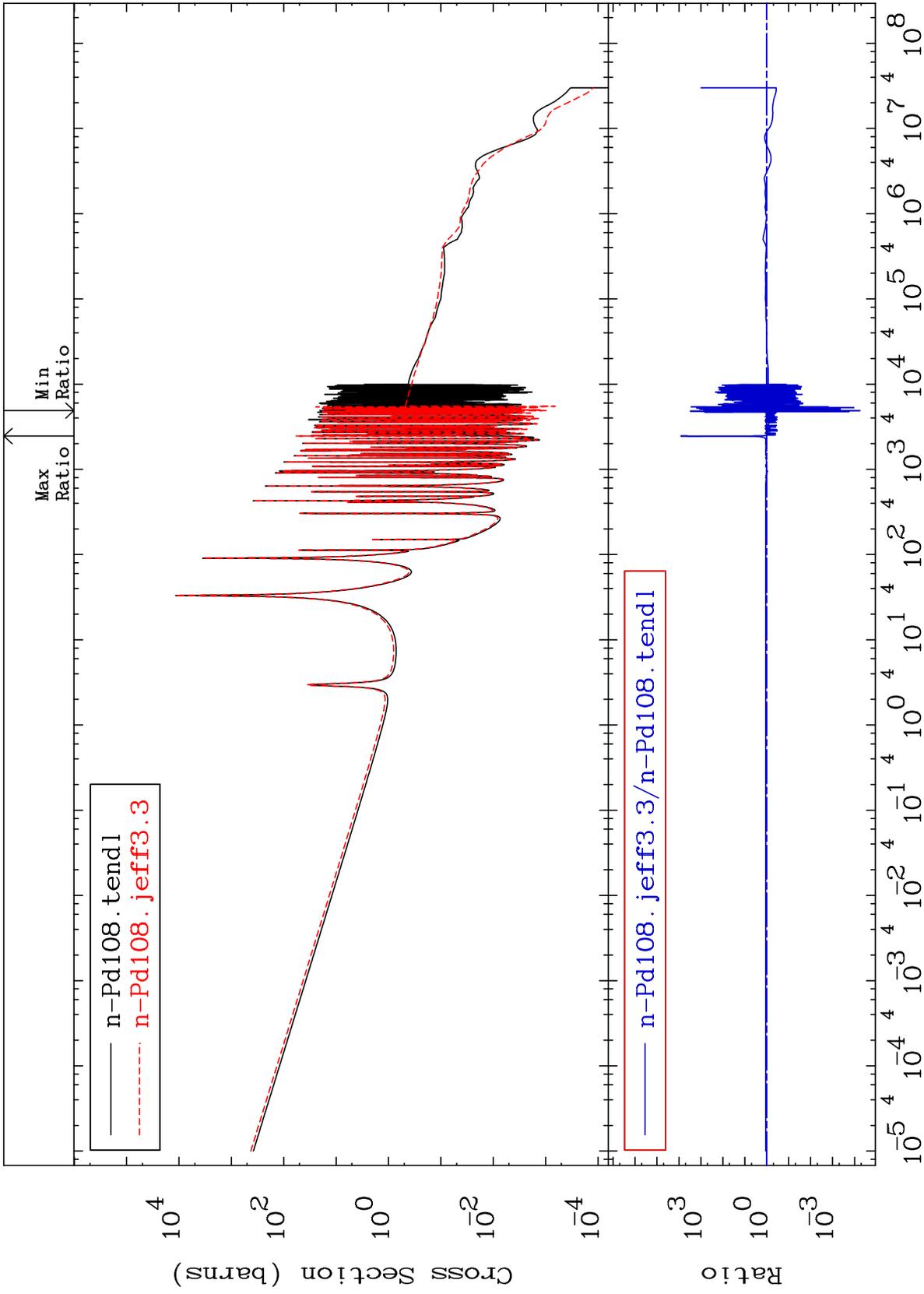




MAT 4643

(n, γ)
Cross Section

46-Pd-108
-99.99 To 9999. %



37

Incident Energy (eV)

46-Pd-108

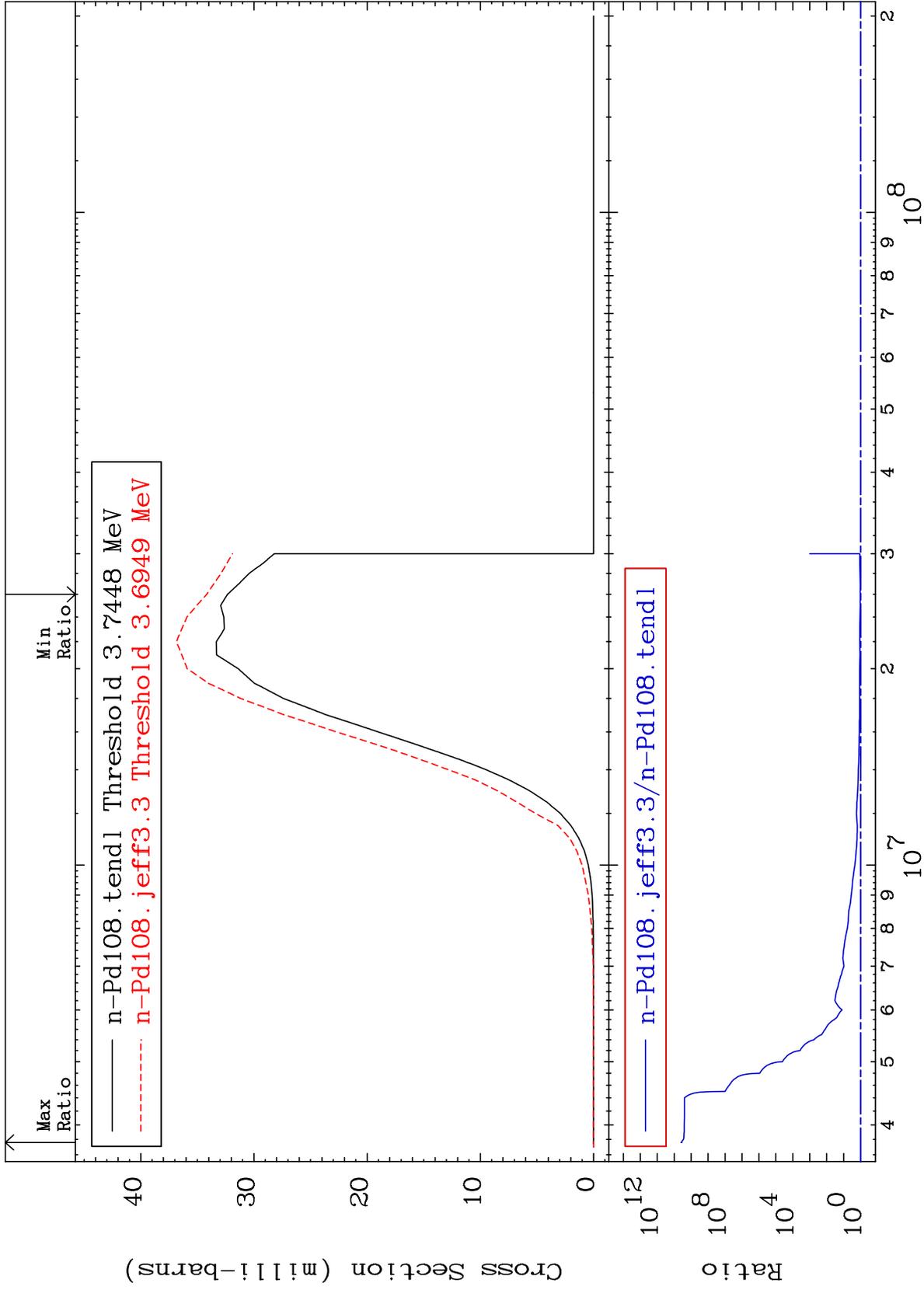
MAT 4643

(n,p)

46-Pd-108

Cross Section

5.664 To 9999. %



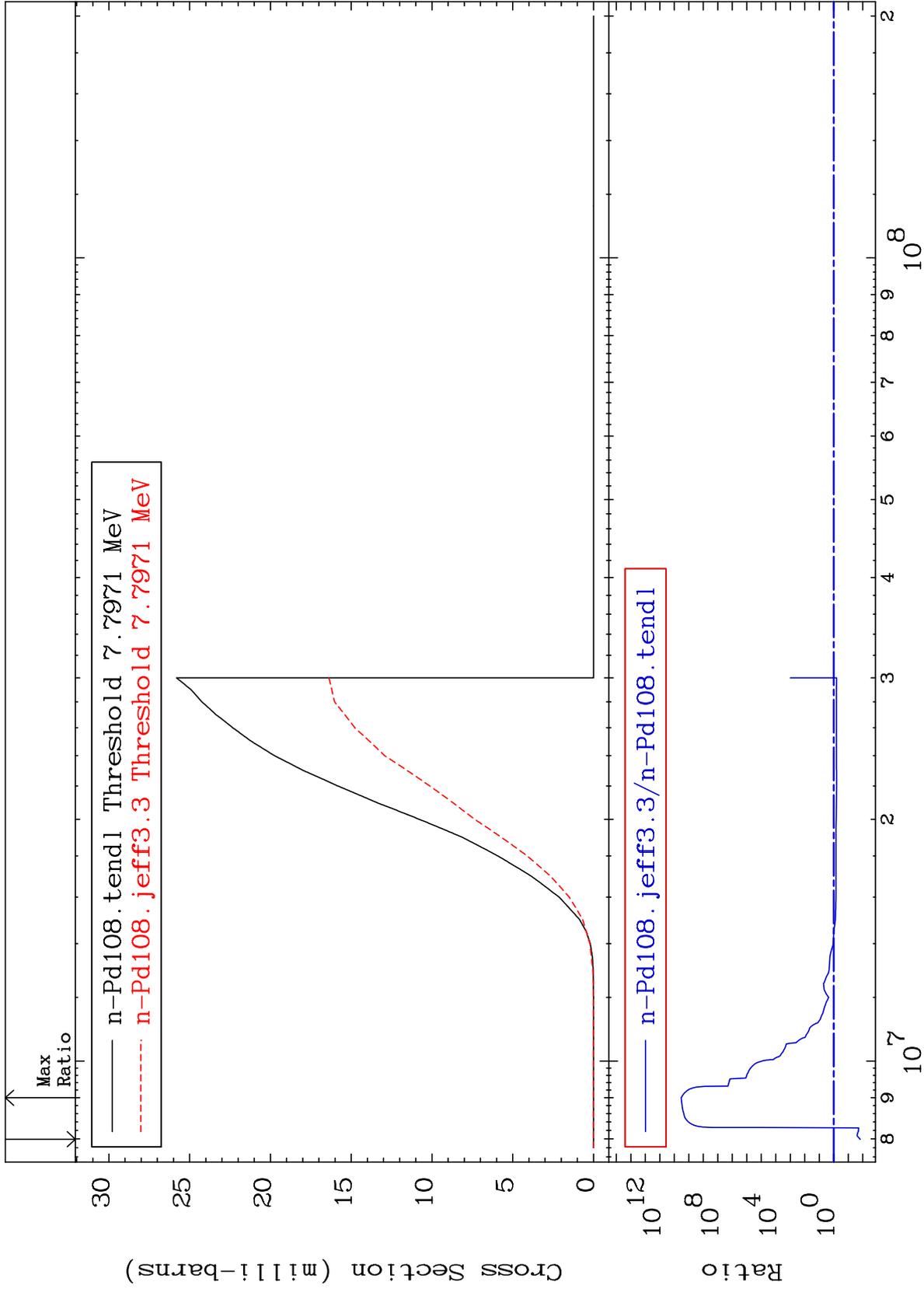
MAT 4643

(n, d)

46-Pd-108

Cross Section

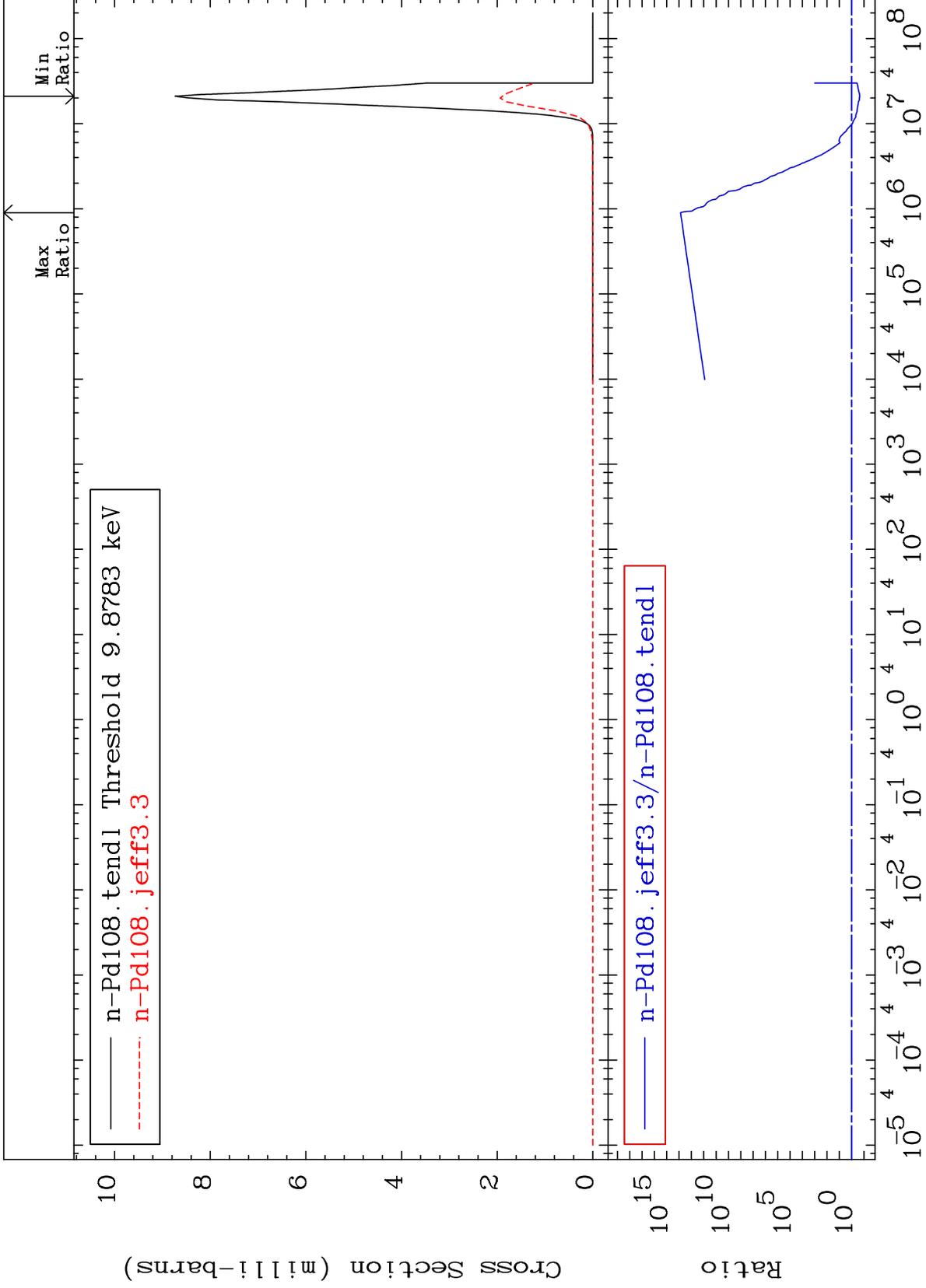
-98.50 To 9999. %



MAT 4643

(n, α)
Cross Section

46-Pd-108
-78.35 To 9999. %



Incident Energy (eV)

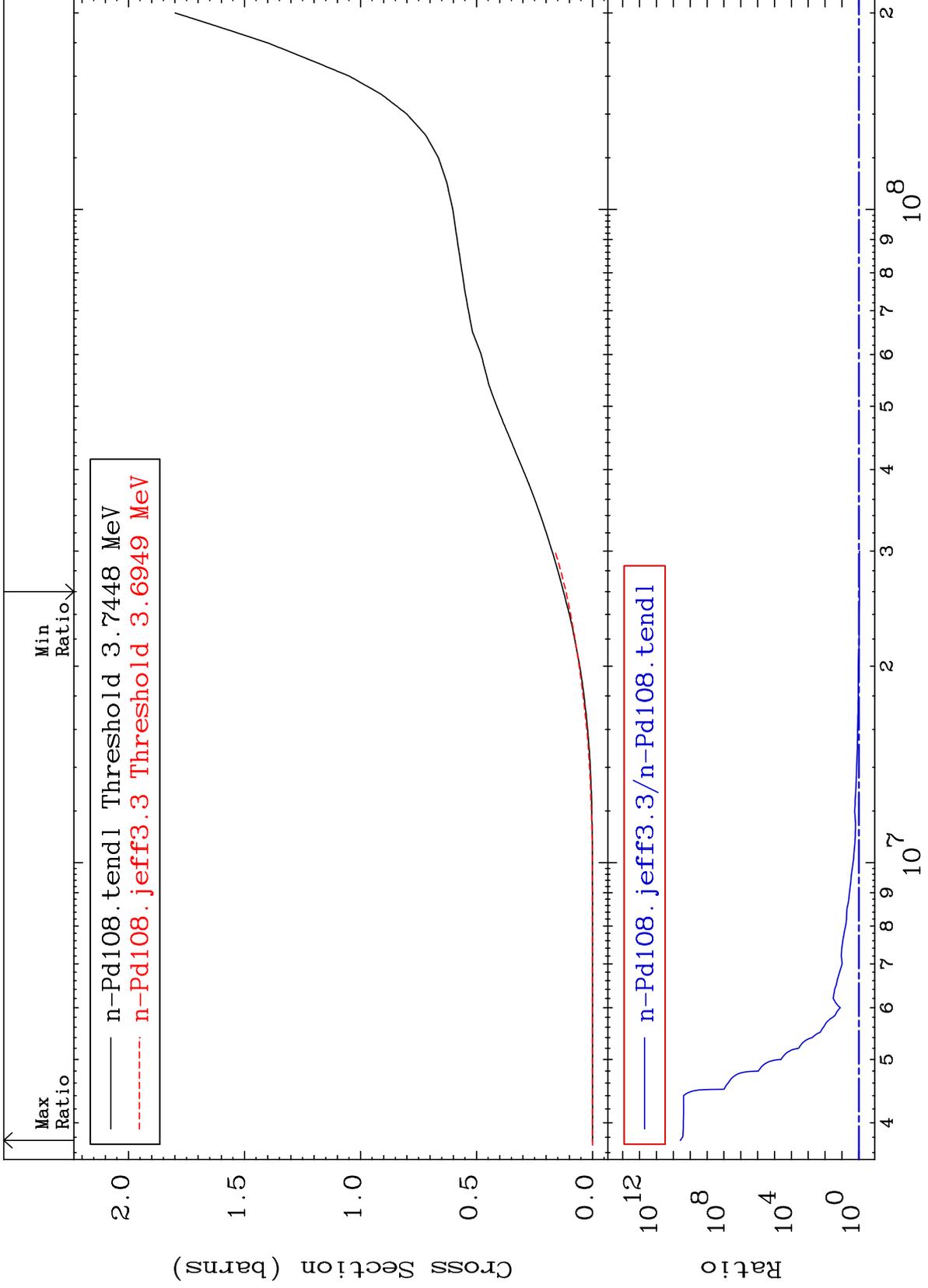
46-Pd-108

40

MAT 4643

Hydrogen Production
Cross Section

46-Pd-108
-8.534 To 9999. %



41

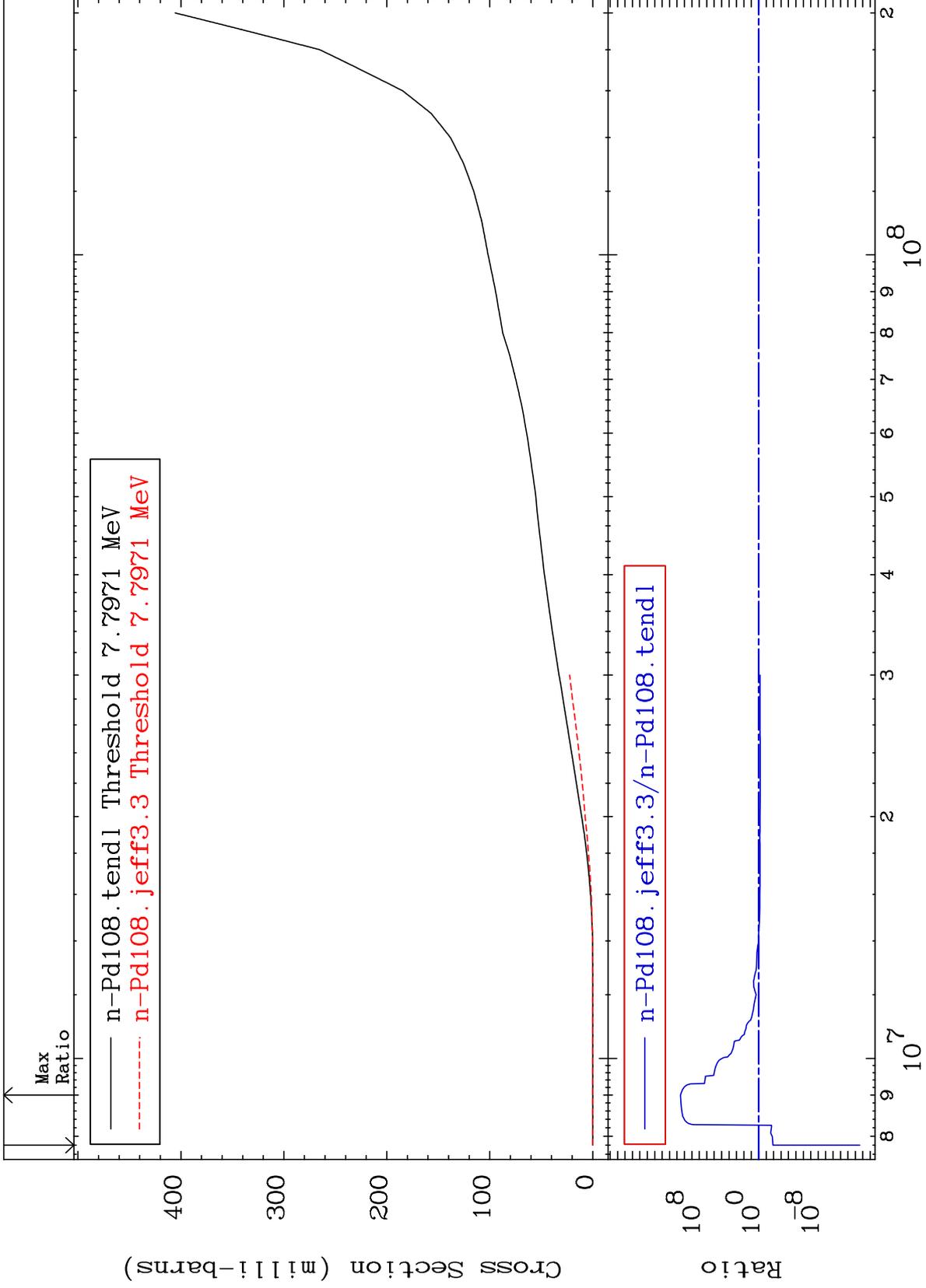
Incident Energy (eV)

46-Pd-108

MAT 4643

Deuterium Production
Cross Section

46-Pd-108
-100.0 To 9999. %



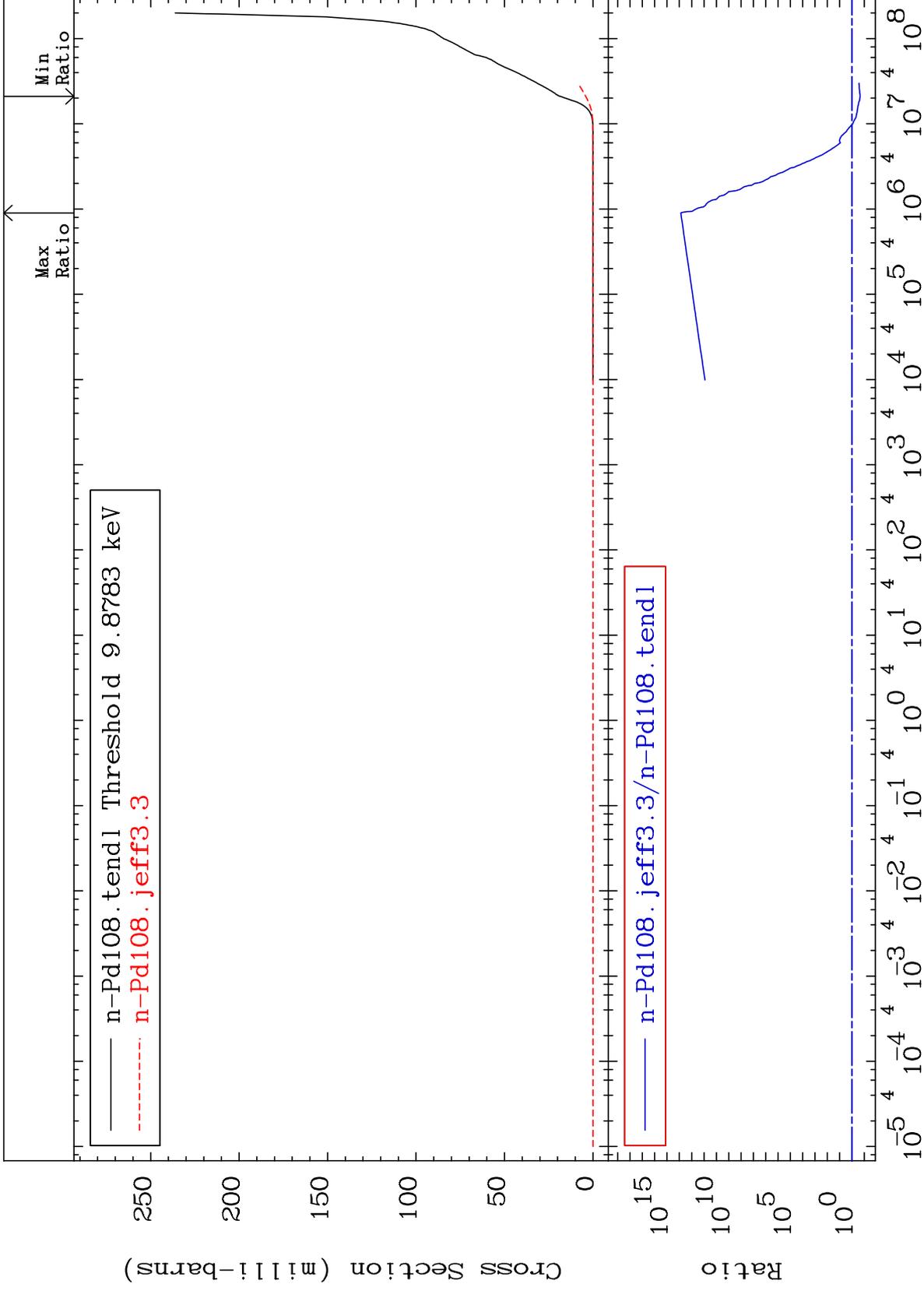
42

46-Pd-108

MAT 4643

He-4 Production
Cross Section

46-Pd-108
-77.84 To 9999. %



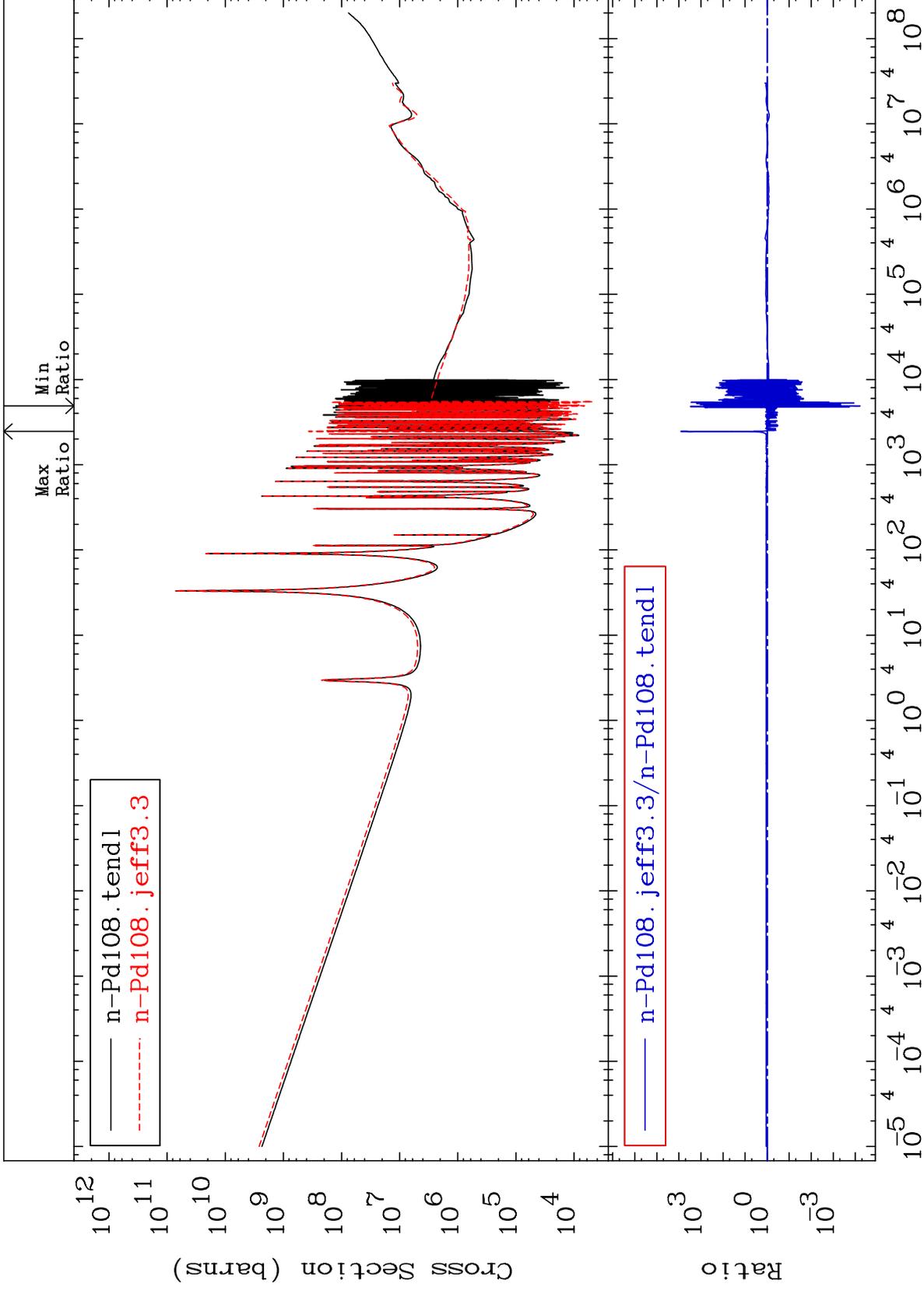
43

Incident Energy (eV)

46-Pd-108

Cross Section

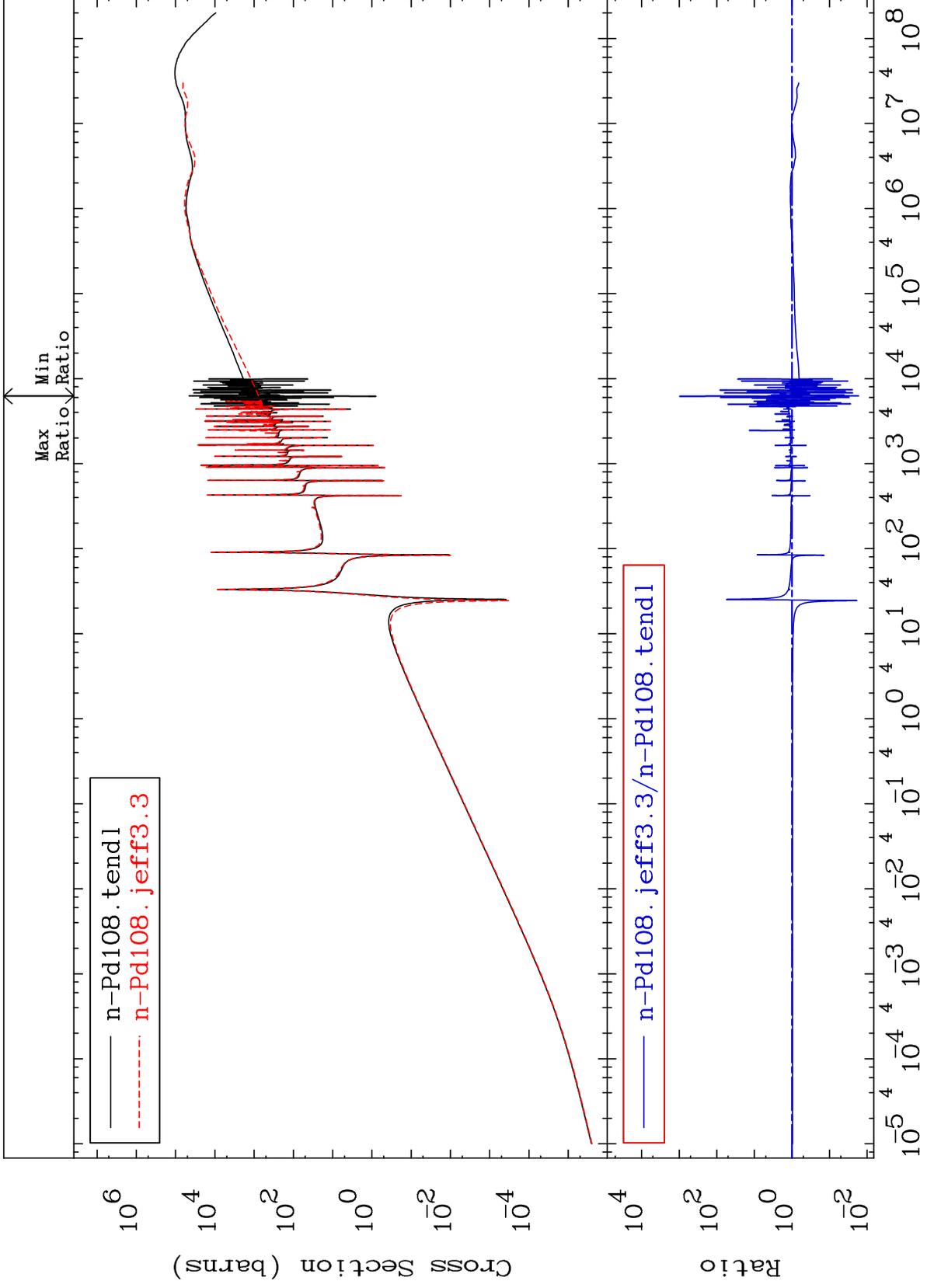
-99.99 To 9999. %



MAT 4643

Kerma elastic
Cross Section

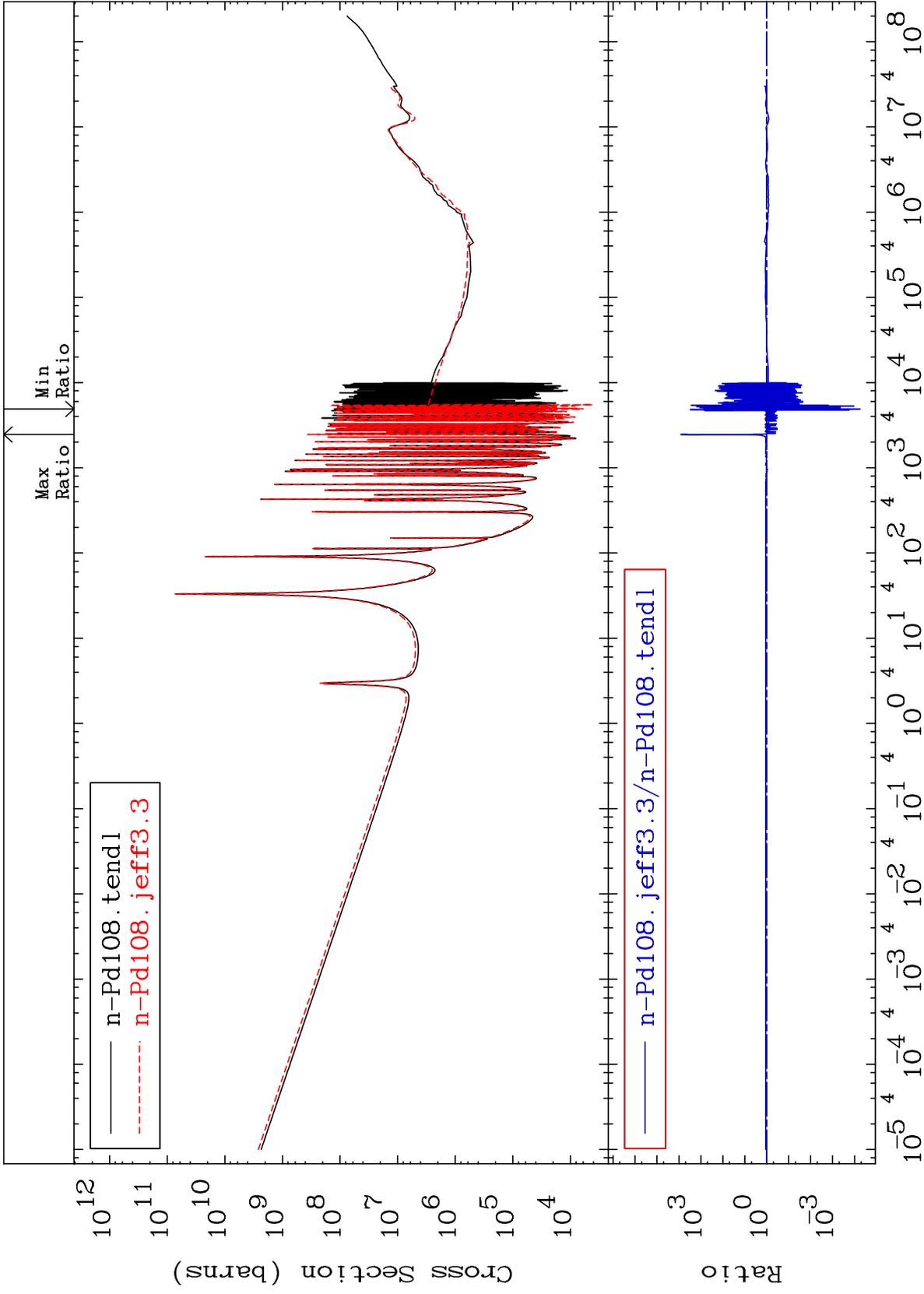
46-Pd-108
-98.31 To 9999. %



45

Incident Energy (eV)

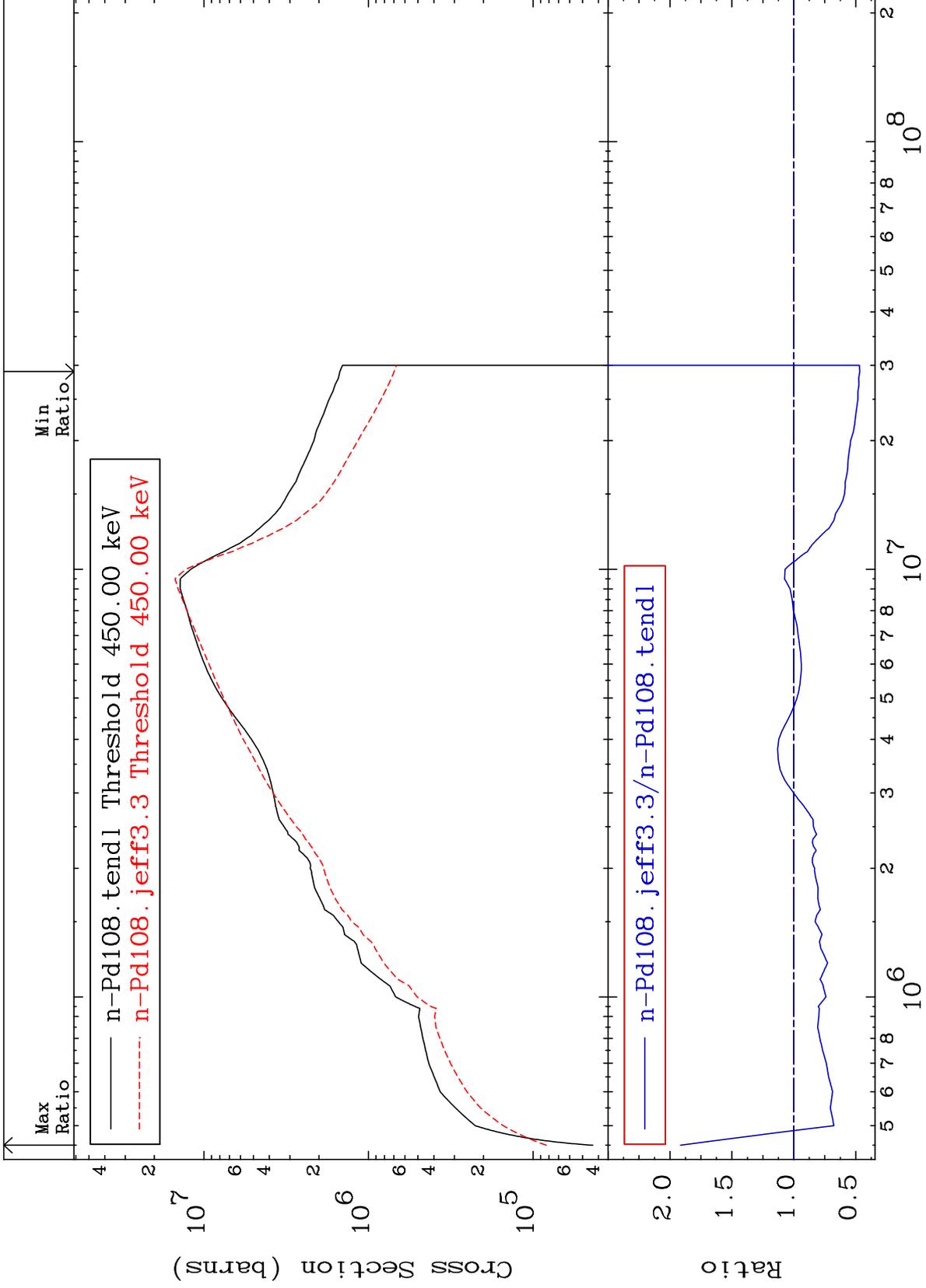
46-Pd-108



MAT 4643

Kerma inelastic (mt51-91)
Cross Section

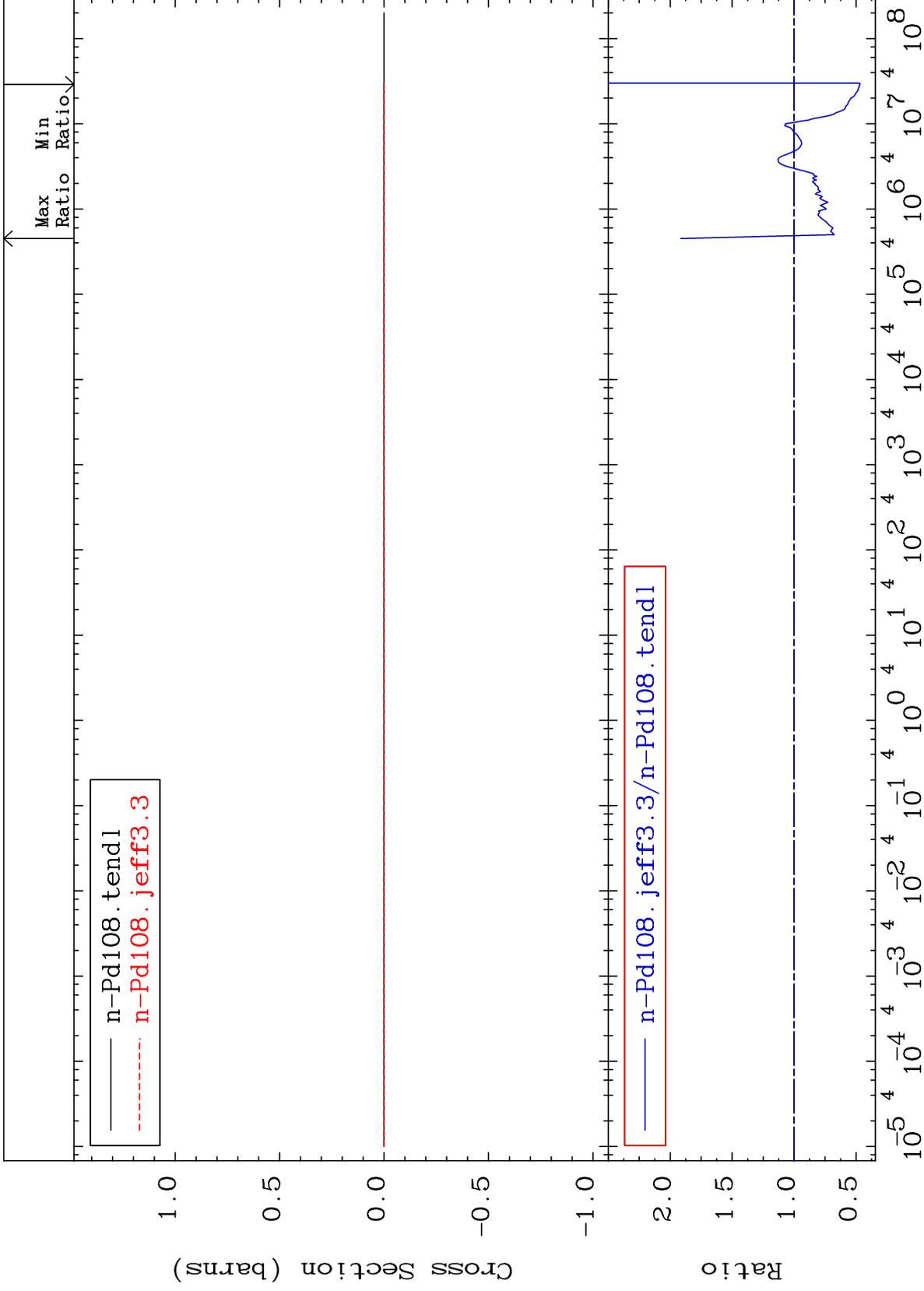
46-Pd-108
-53.24 To 91.50 %



MAT 4643

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

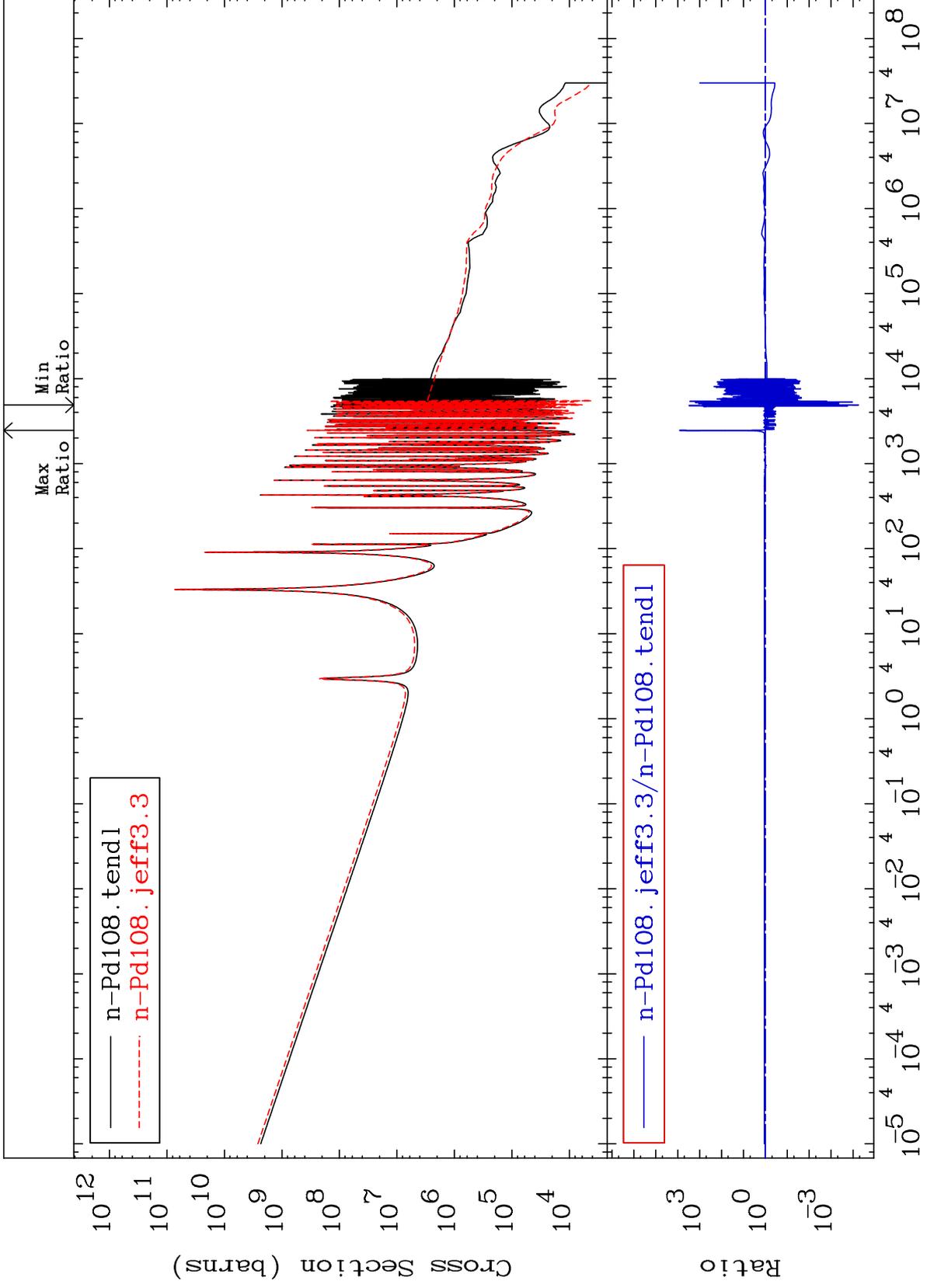
46-Pd-108
-53.24 To 91.50 %



MAT 4643

Kerma capture (mt102)
Cross Section

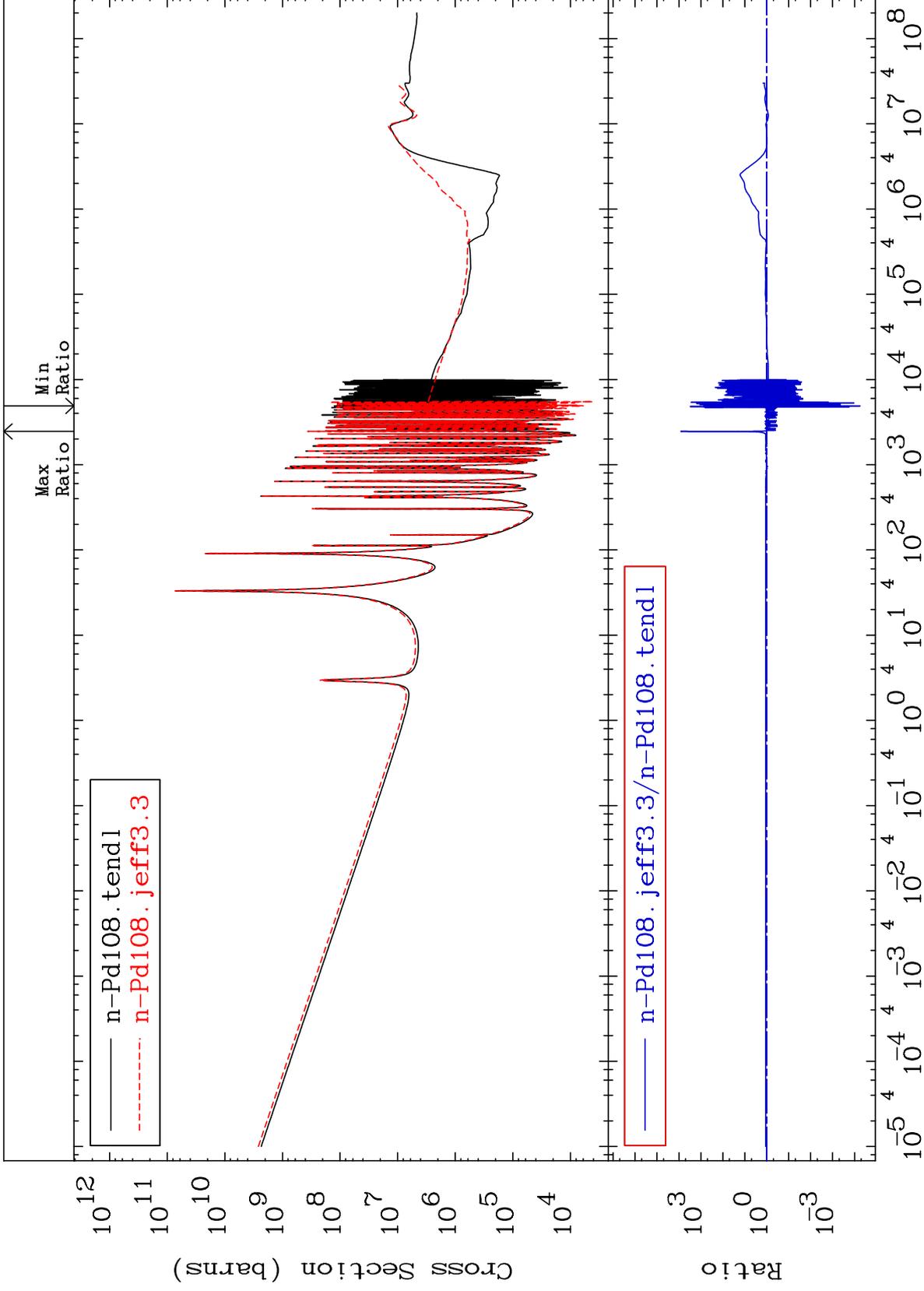
46-Pd-108
-99.99 To 9999. %



MAT 4643

Total photon (eV-barns)
Cross Section

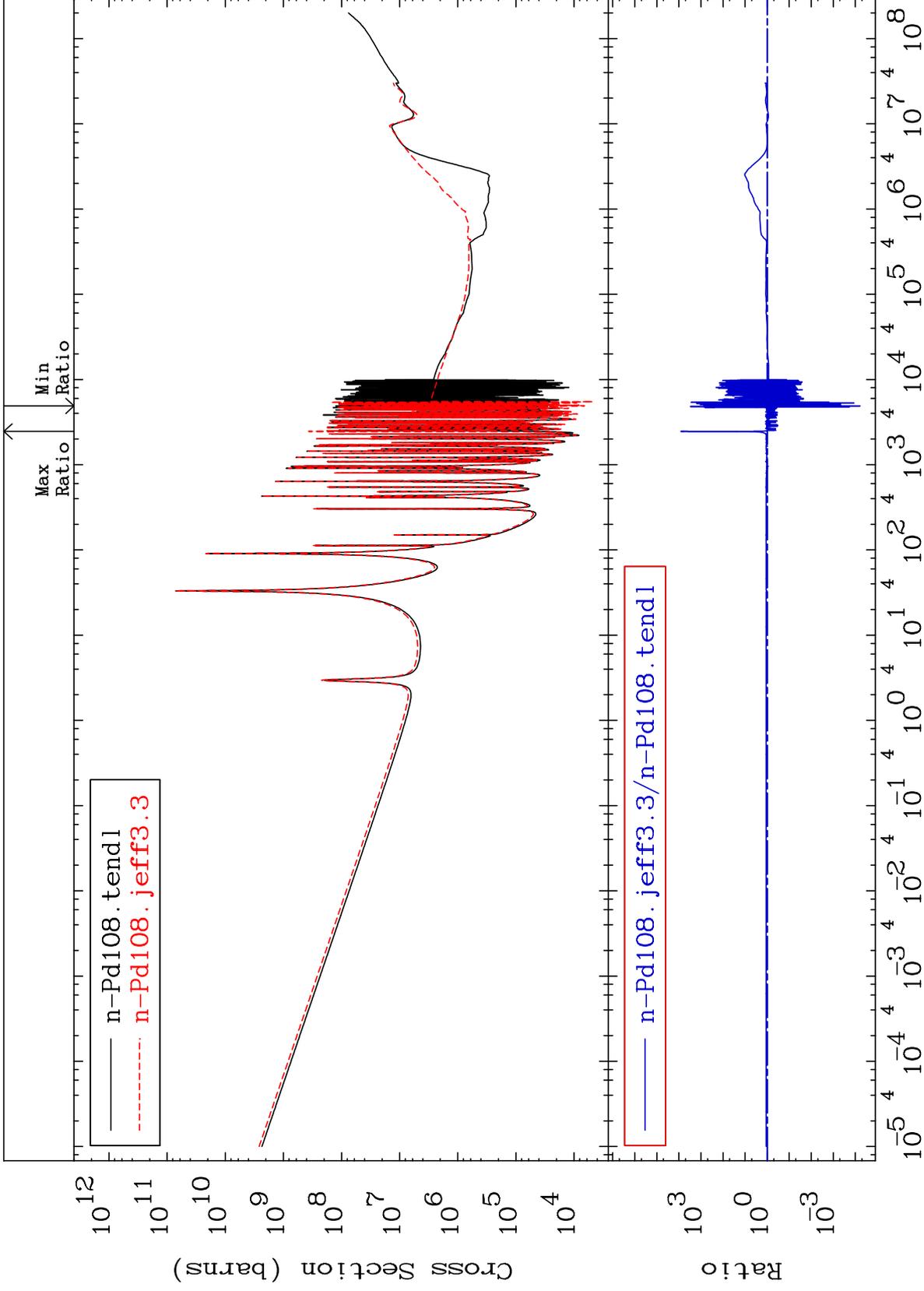
46-Pd-108
-99.99 To 9999. %



50

Incident Energy (eV)

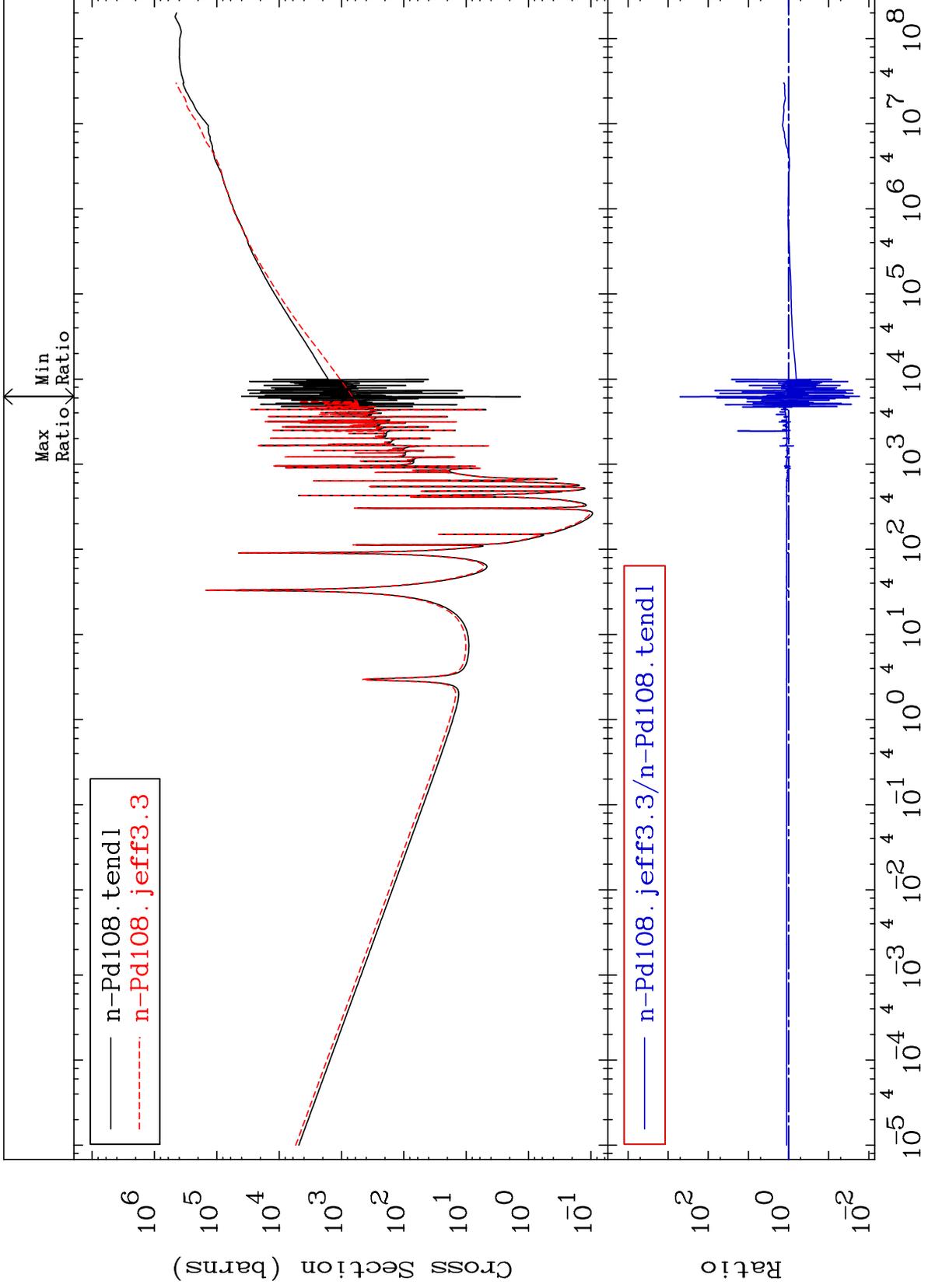
46-Pd-108



MAT 4643

Dpa total (eV-barns)
Cross Section

46-Pd-108
-98.29 To 9999. %



MAT 4643

Dpa elastic (mt2)
Cross Section

46-Pd-108
-98.31 To 9999. %

