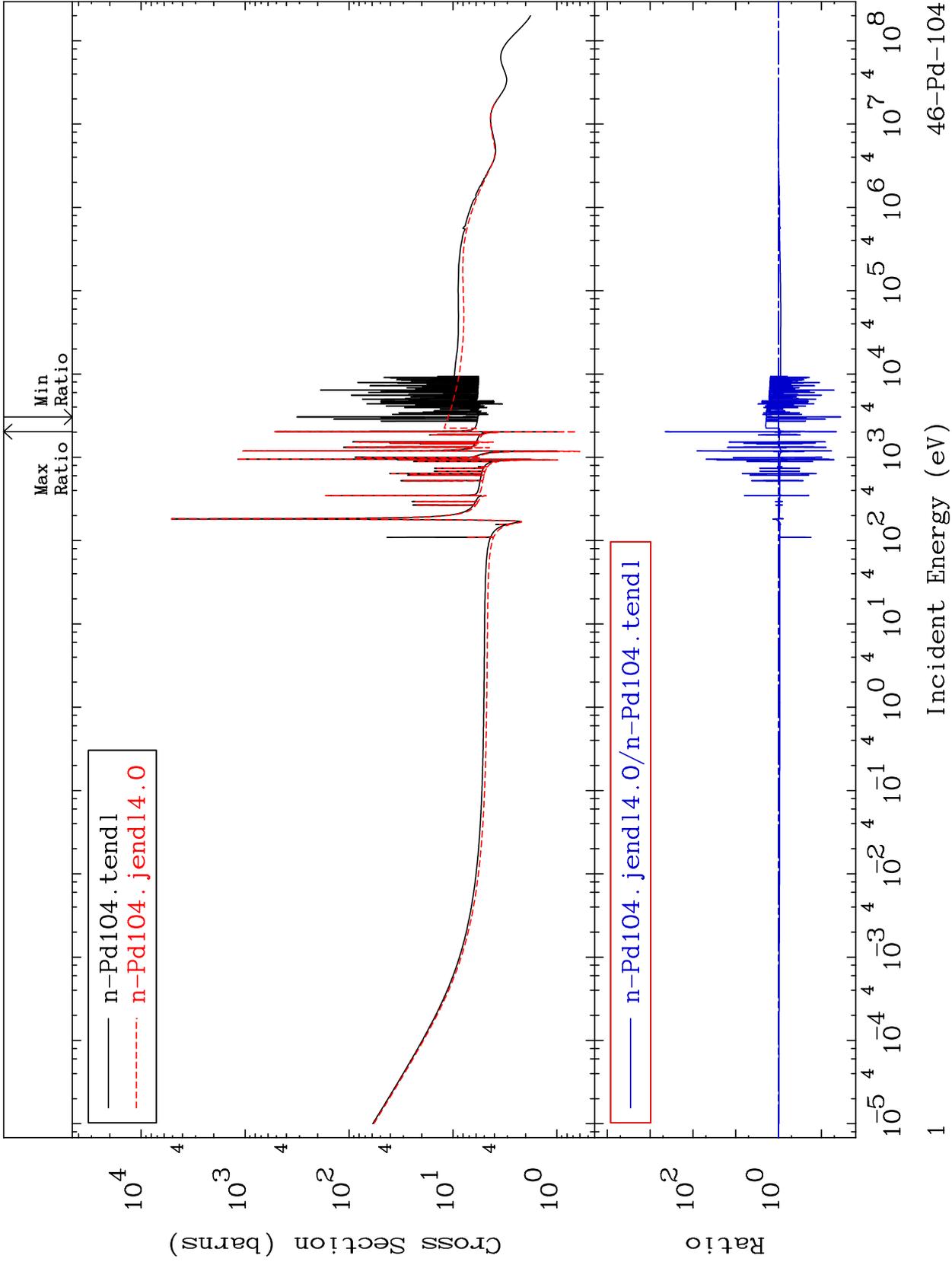


MAT 4631

Total Cross Section
46-Pd-104
-96.49 To 9999. %



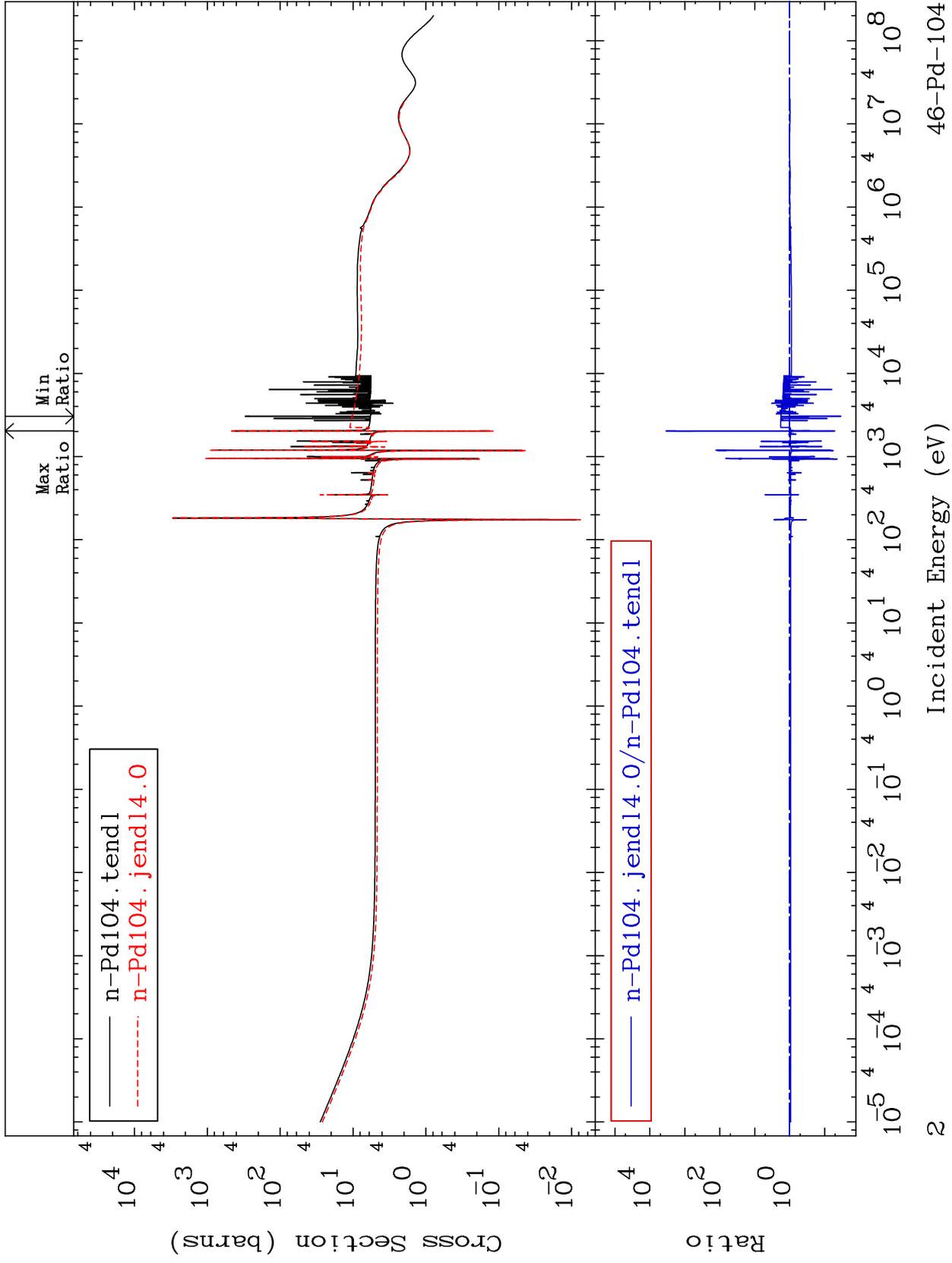
MAT 4631

Elastic

Cross Section

46-Pd-104

-96.60 To 9999. %



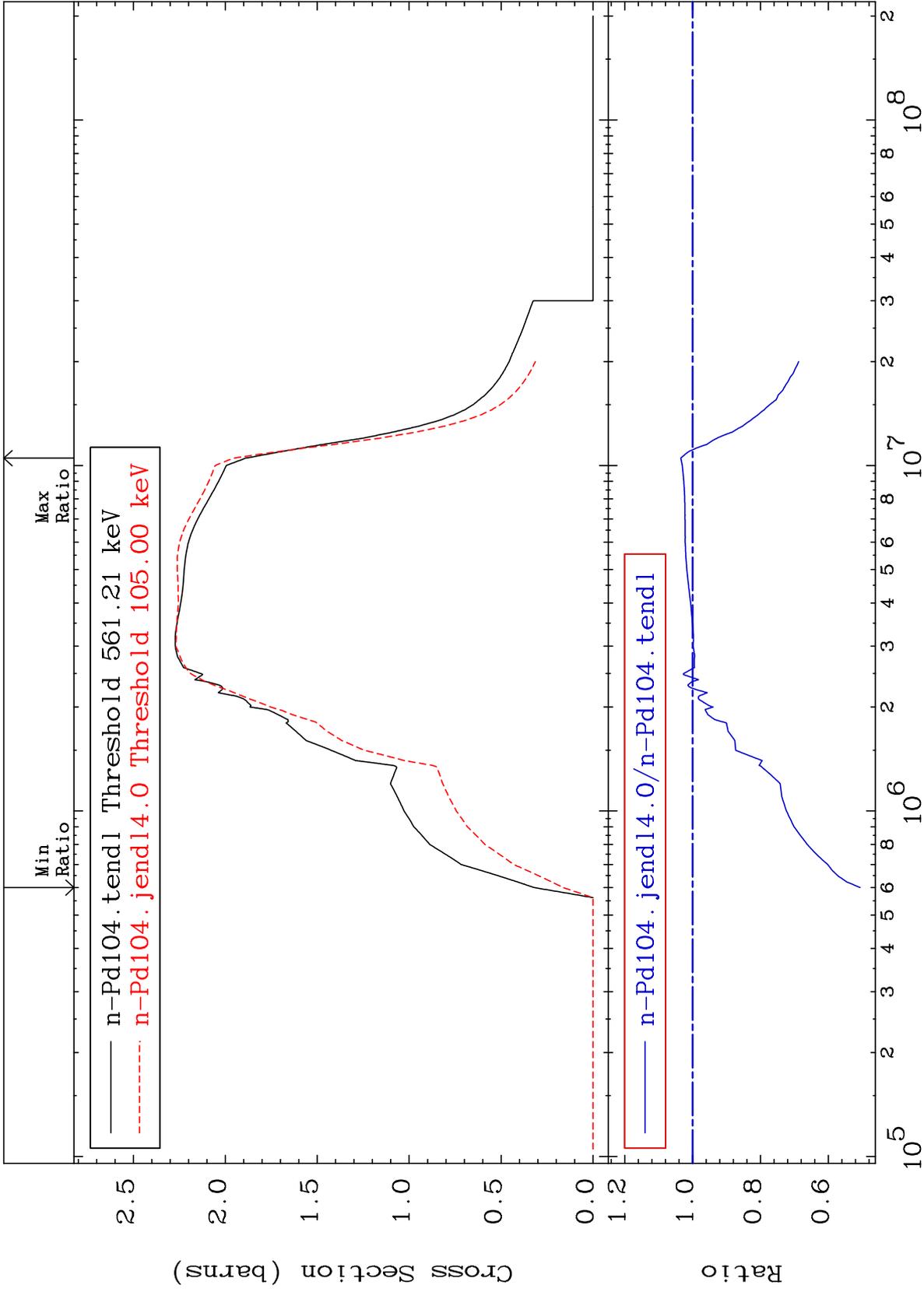
MAT 4631

Inelastic

46-Pd-104

Cross Section

-49.34 To 3.493 %



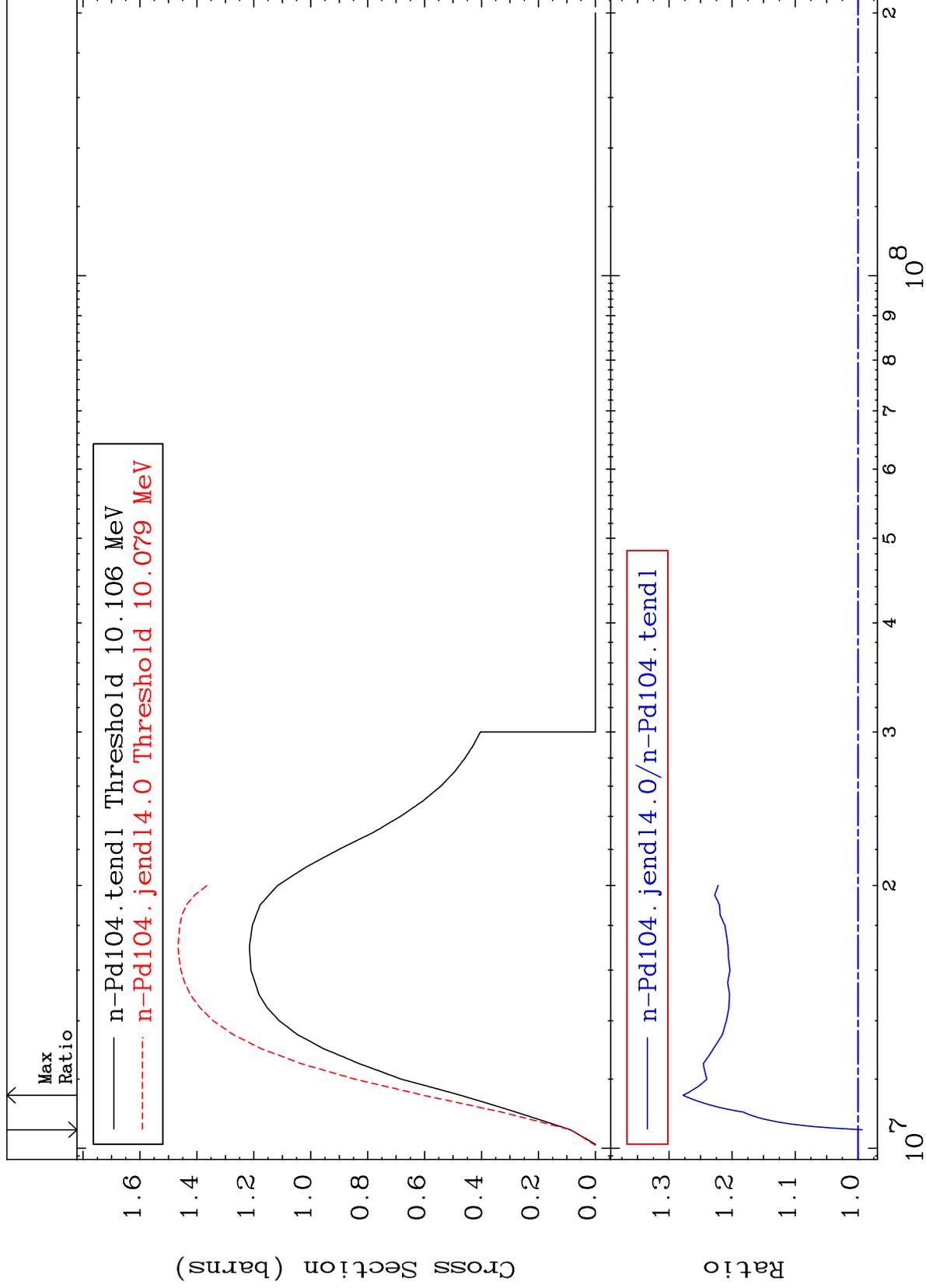
46-Pd-104

46-Pd-104

MAT 4631

(n,2n)
Cross Section

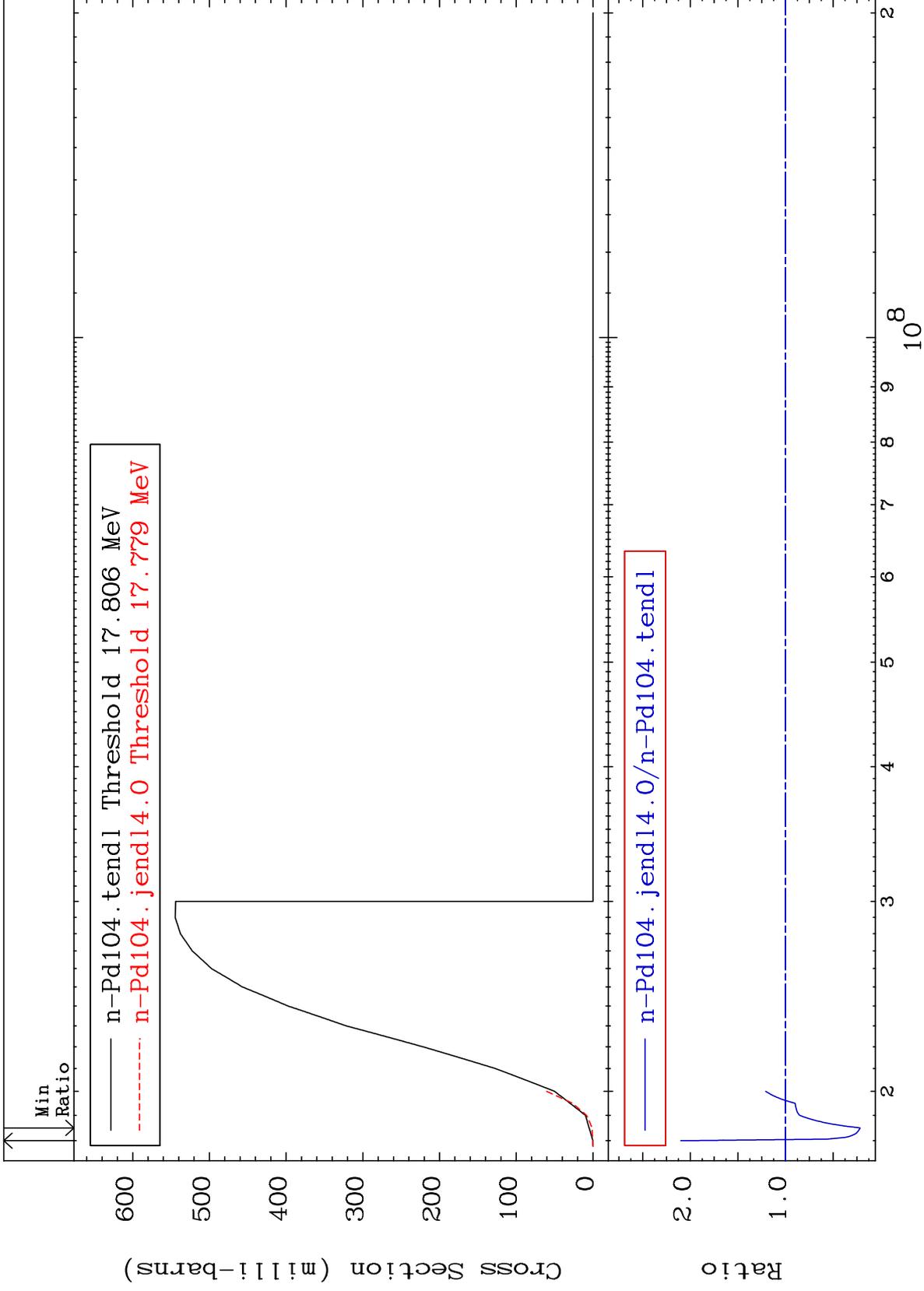
46-Pd-104
-0.637 To 27.78 %



MAT 4631

(n,3n)
Cross Section

46-Pd-104
-78.32 To 110.0 %



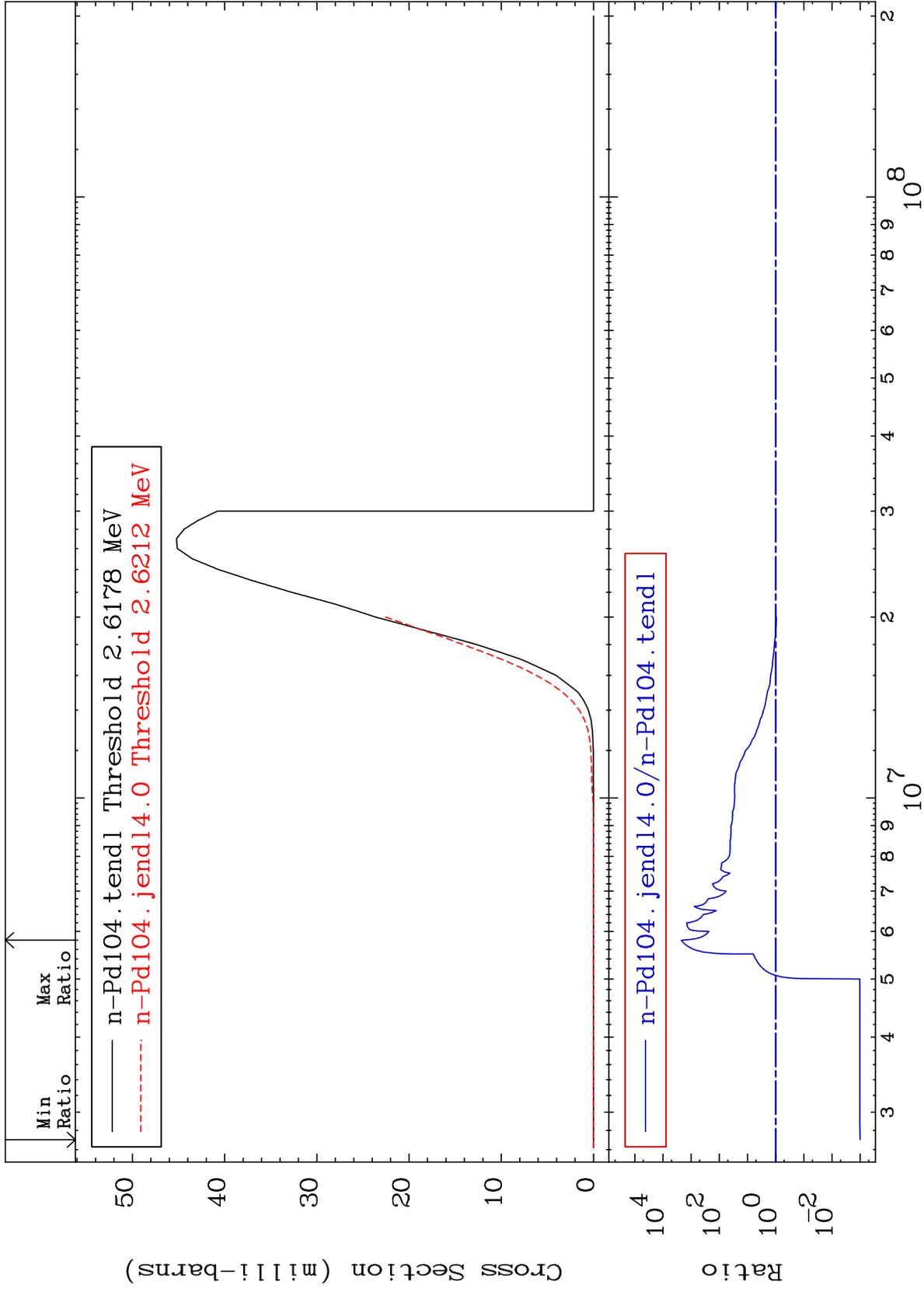
MAT 4631

46-Pd-104

(n,n') α

Cross Section

-99.90 To 9999. %



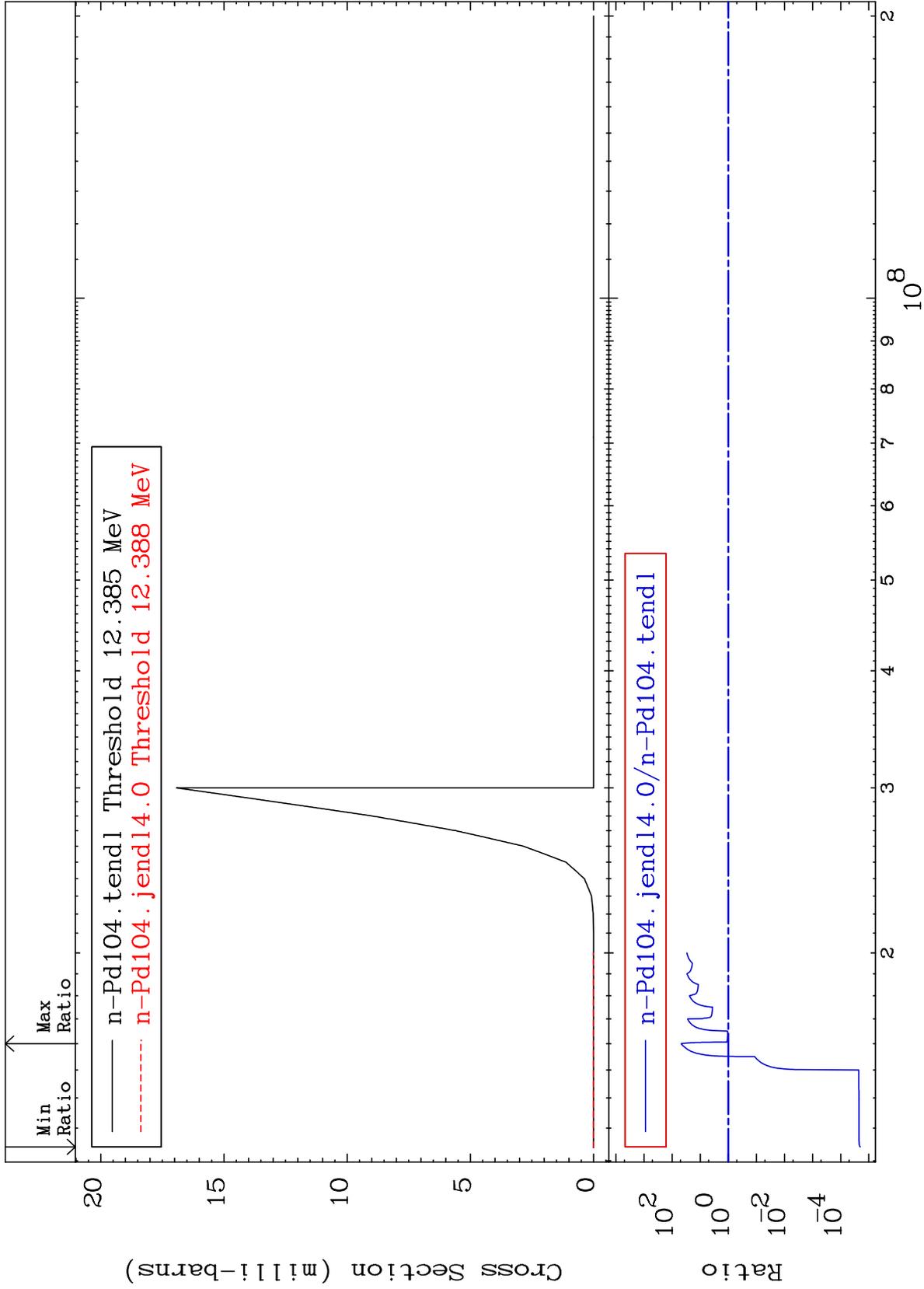
MAT 4631

(n,2n) α

46-Pd-104

Cross Section

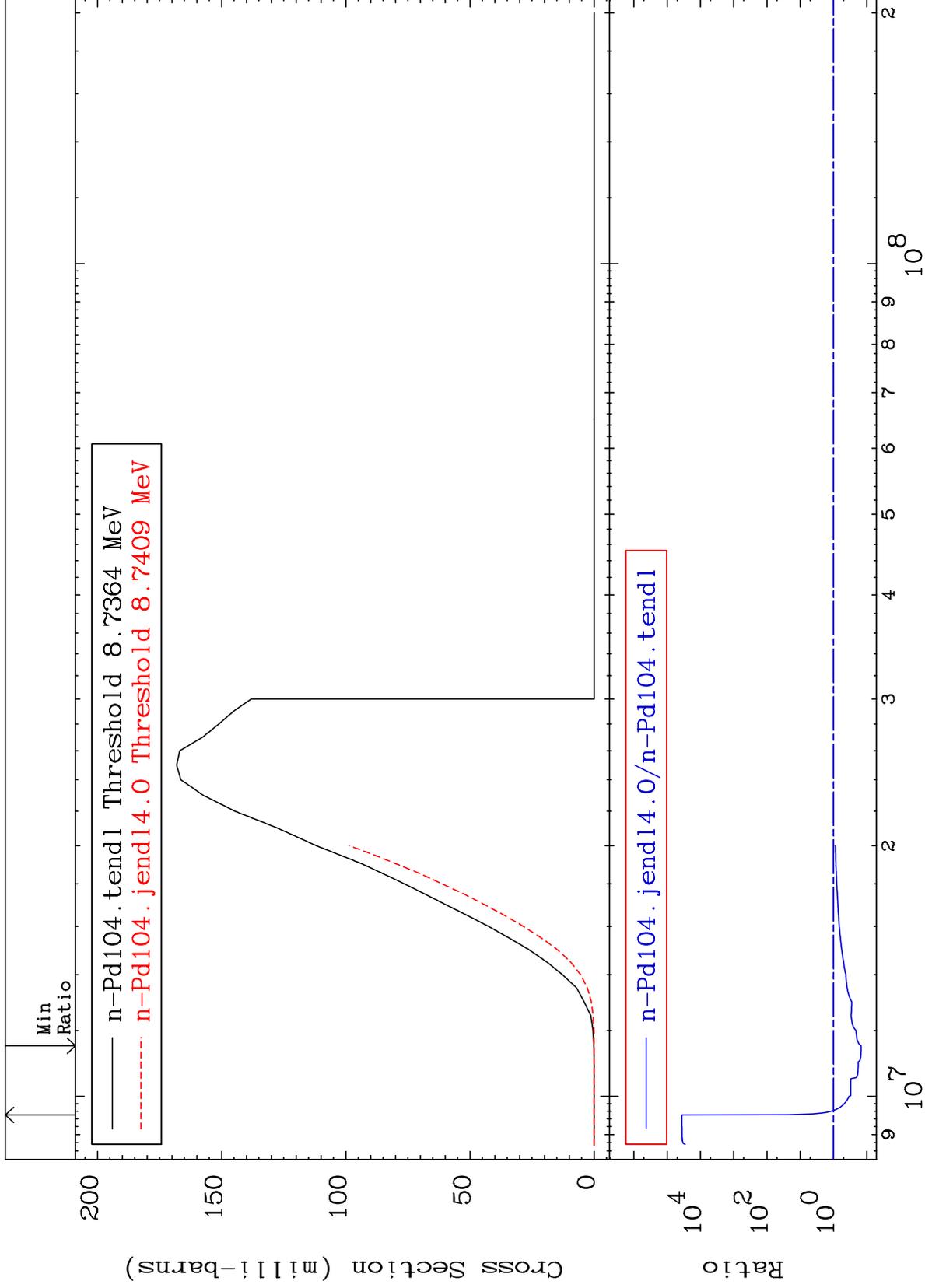
-100.0 To 4658. %



MAT 4631

(n,n') p
Cross Section

46-Pd-104
-85.21 To 9999. %



8

Incident Energy (eV)

46-Pd-104

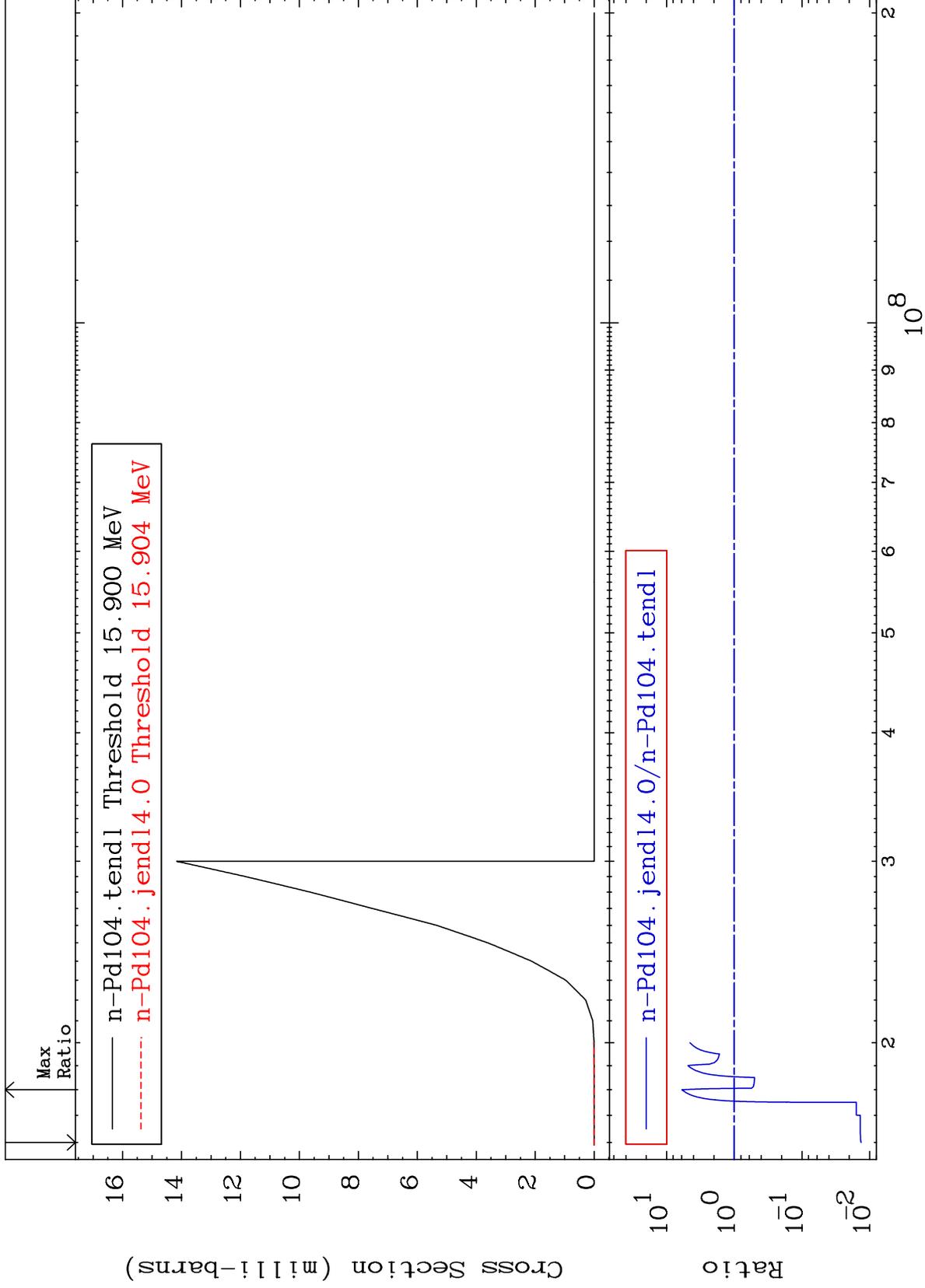
MAT 4631

(n,n') d

46-Pd-104

Cross Section

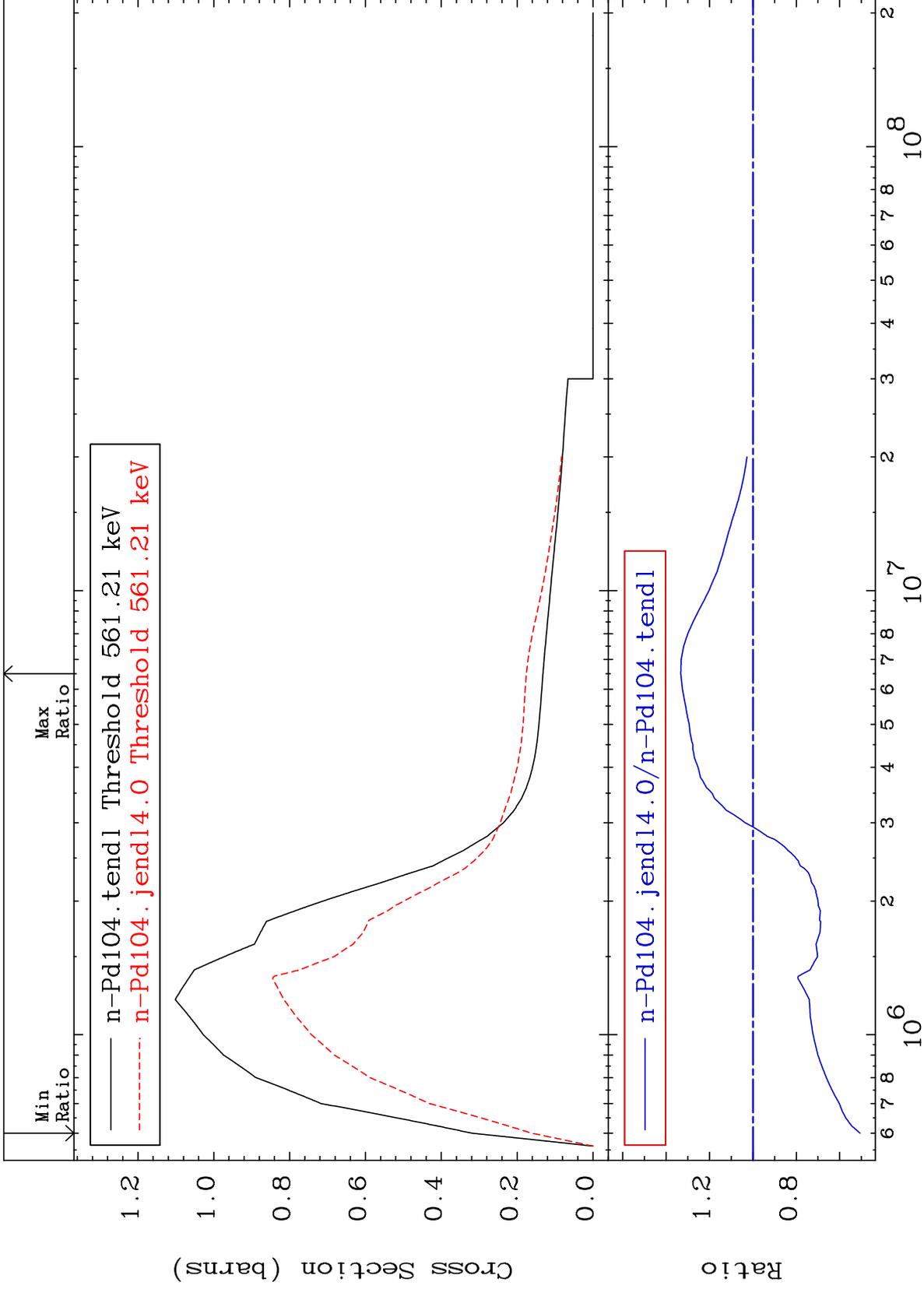
-98.66 To 493.8 %



MAT 4631

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

46-Pd-104
-49.39 To 33.23 %



10

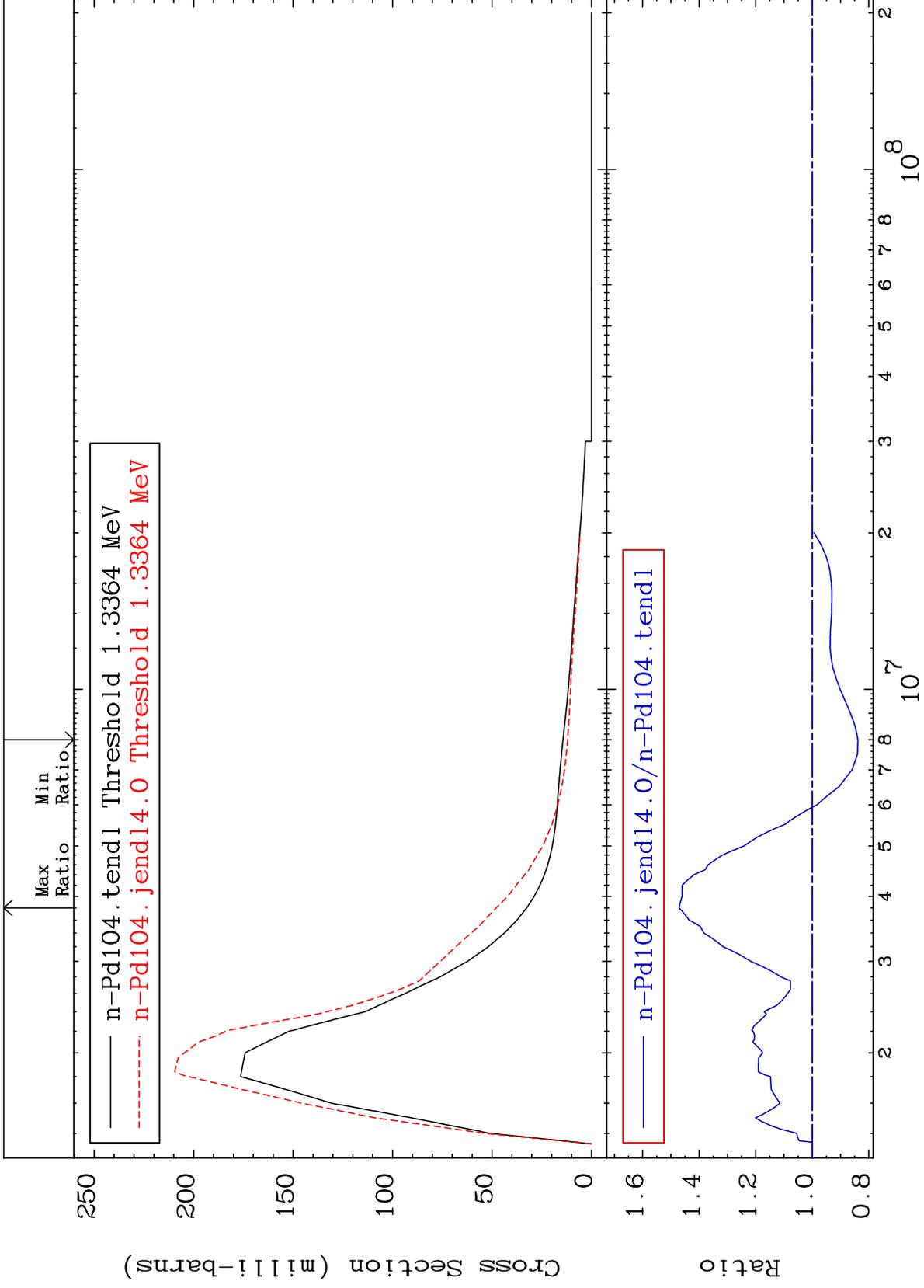
Incident Energy (eV)

46-Pd-104

MAT 4631

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

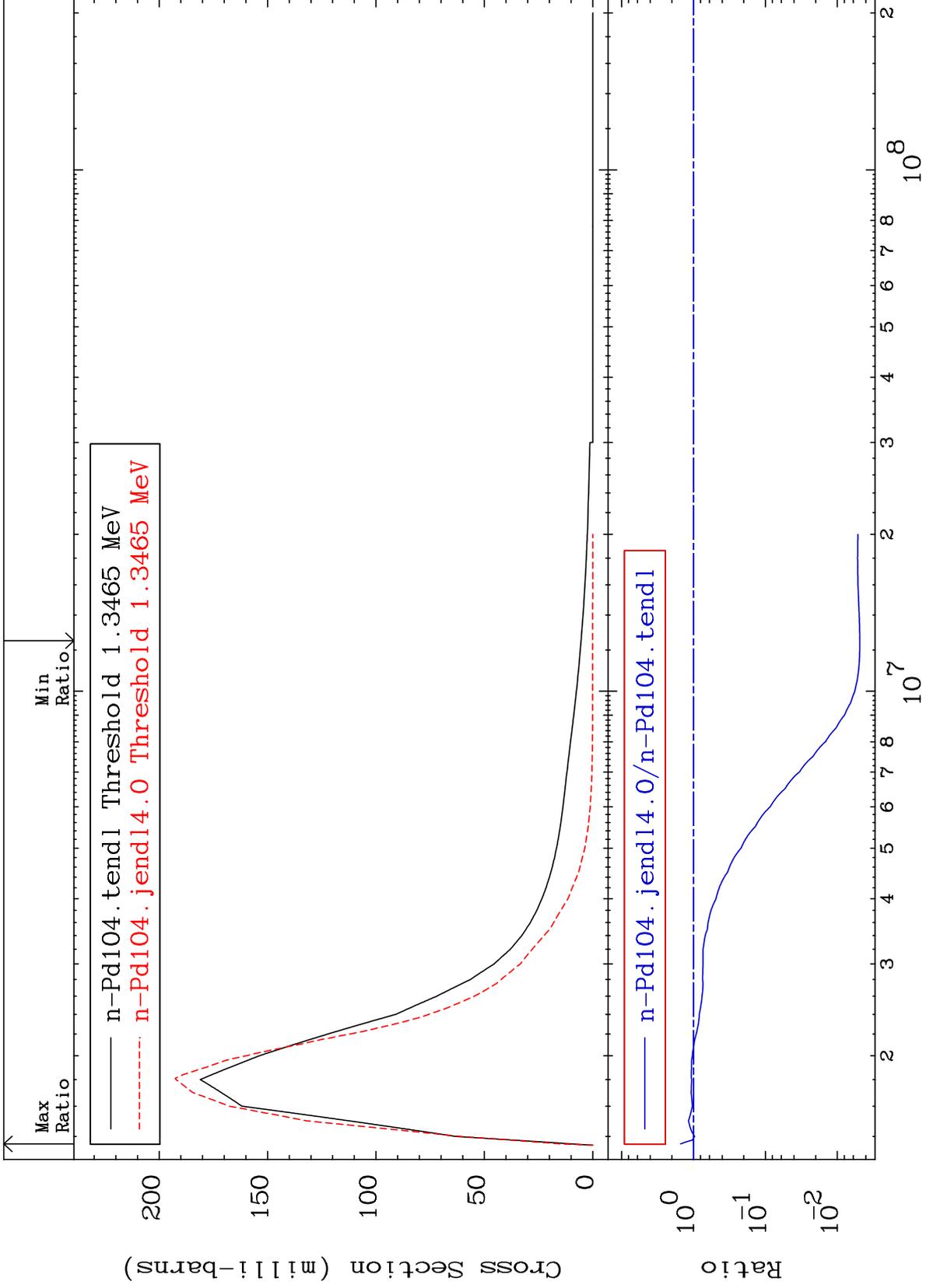
46-Pd-104
-16.15 To 47.12 %



MAT 4631

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

46-Pd-104
-99.51 To 51.58 %



12

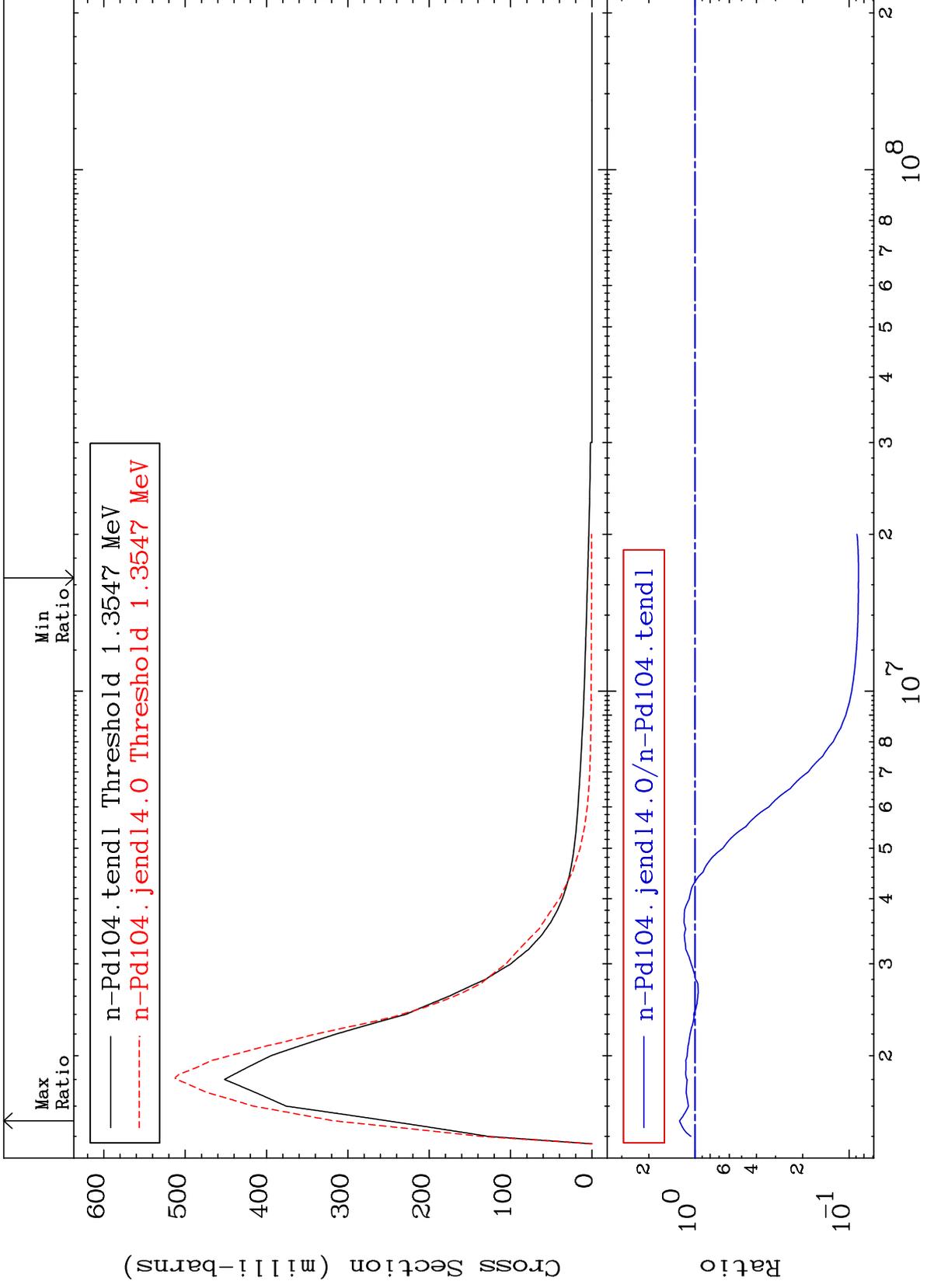
Incident Energy (eV)

46-Pd-104

MAT 4631

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

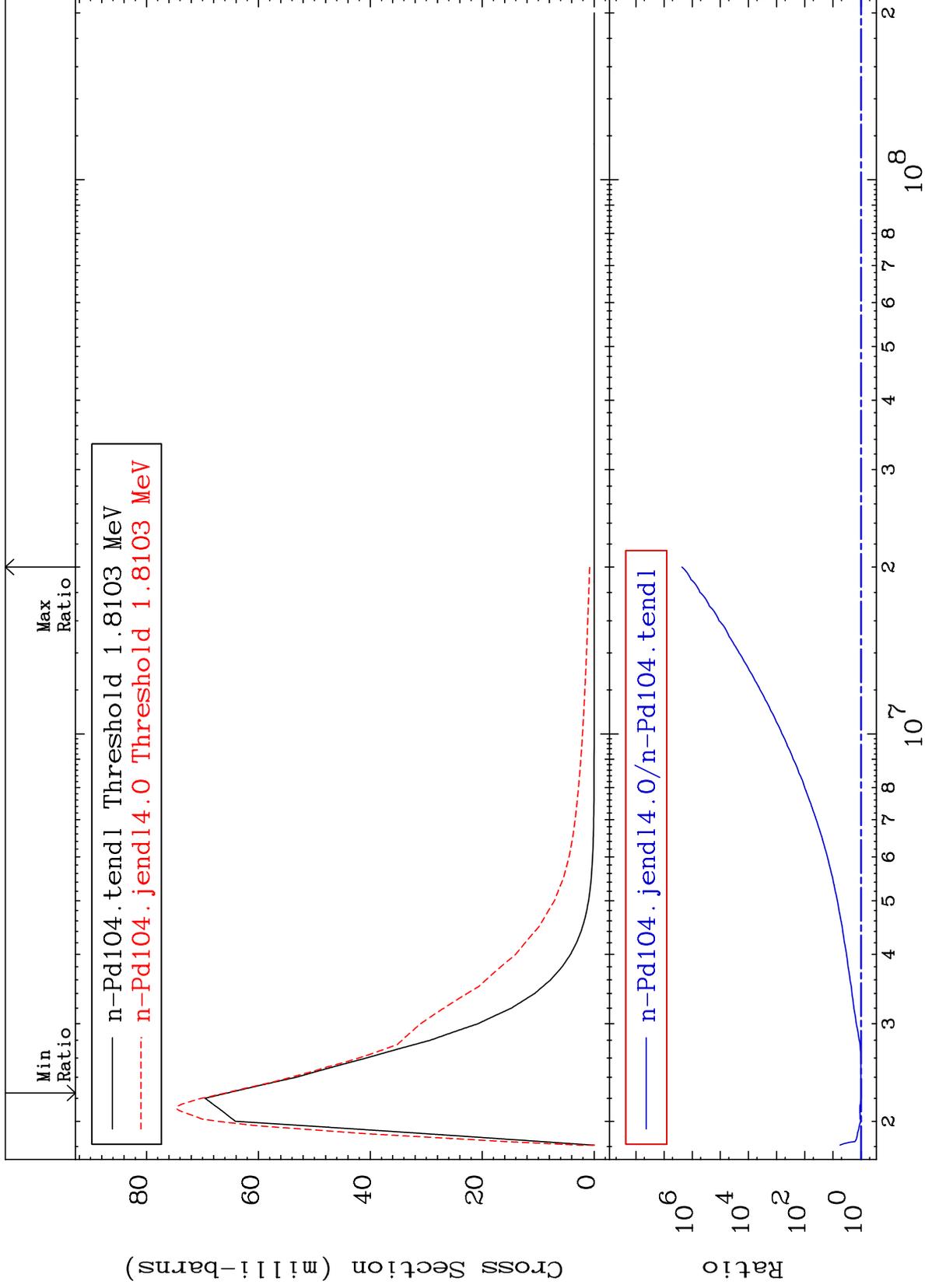
46-Pd-104
-91.32 To 26.38 %



MAT 4631

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

46-Pd-104
0.461 To 9999. %



14

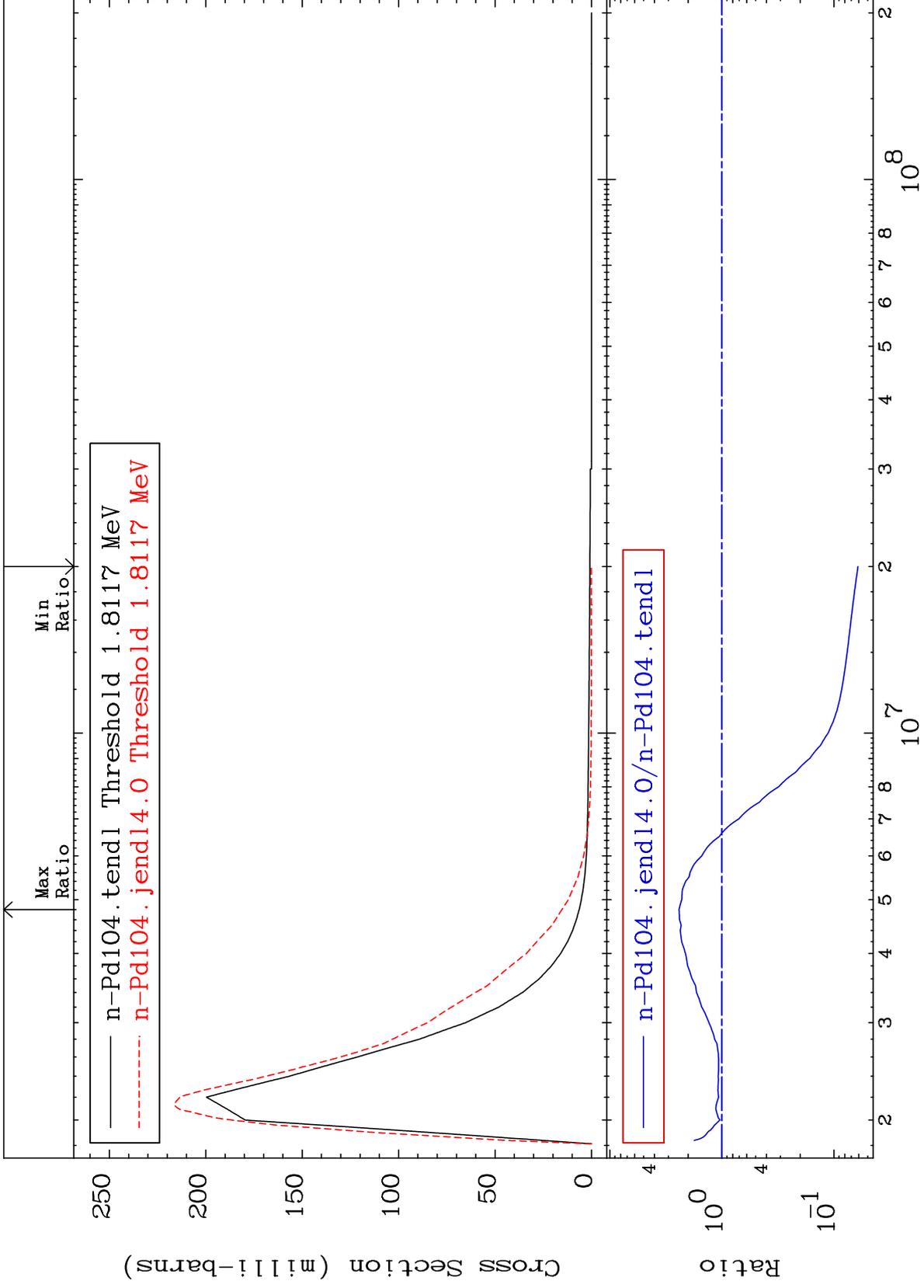
Incident Energy (eV)

46-Pd-104

MAT 4631

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

46-Pd-104
-93.89 To 140.9 %



15

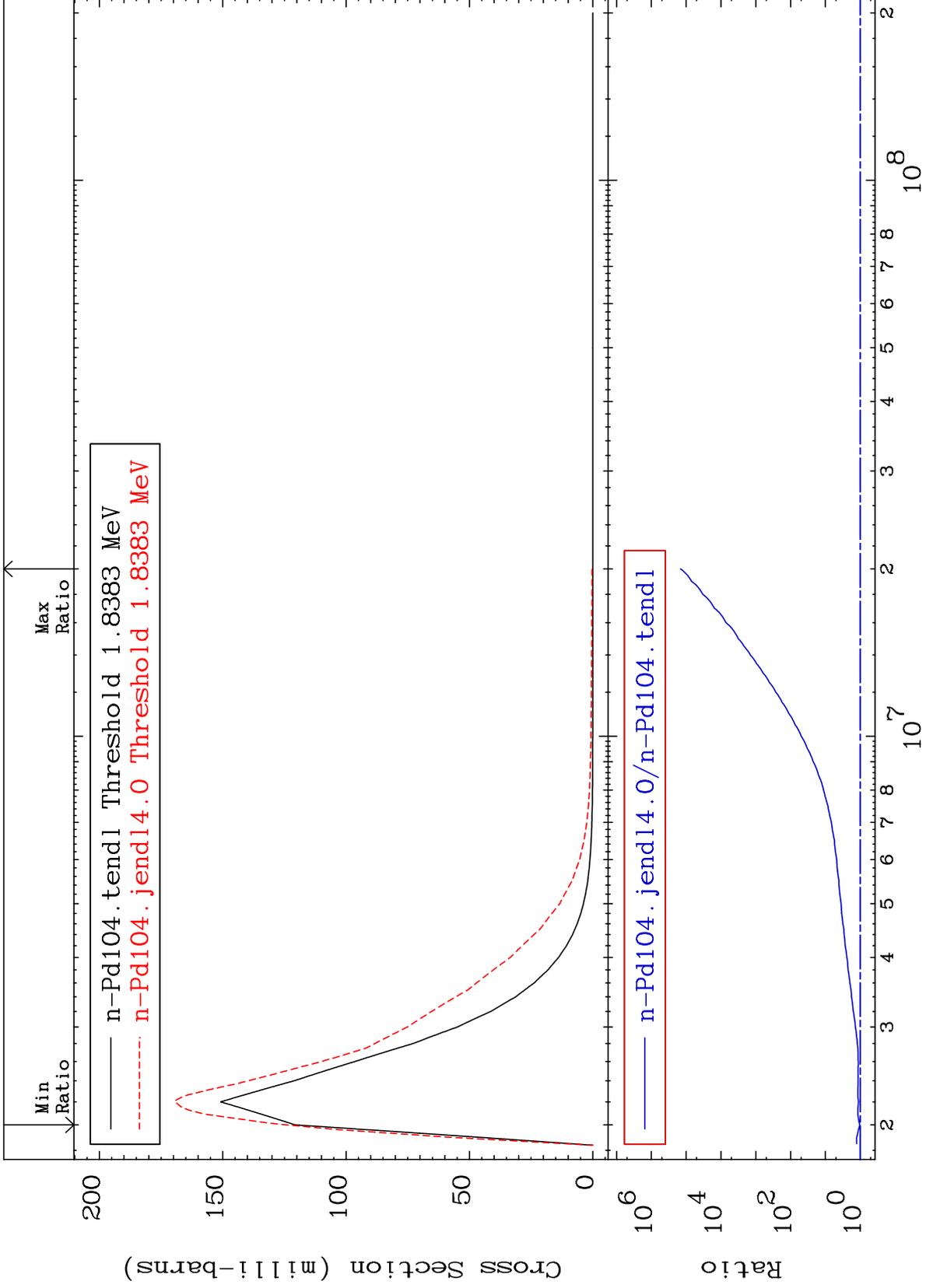
Incident Energy (eV)

46-Pd-104

MAT 4631

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

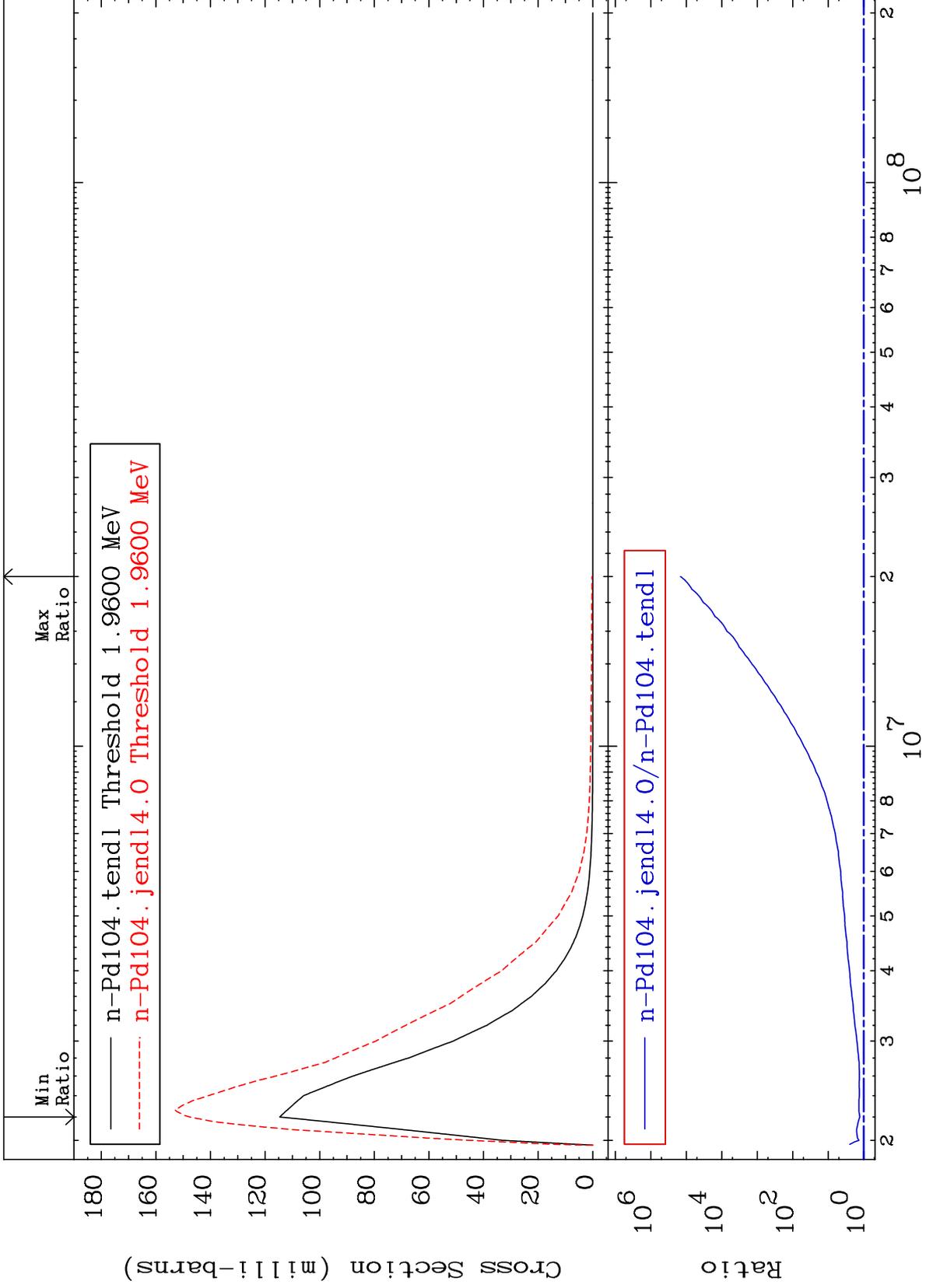
46-Pd-104
2.876 To 9999. %



MAT 4631

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

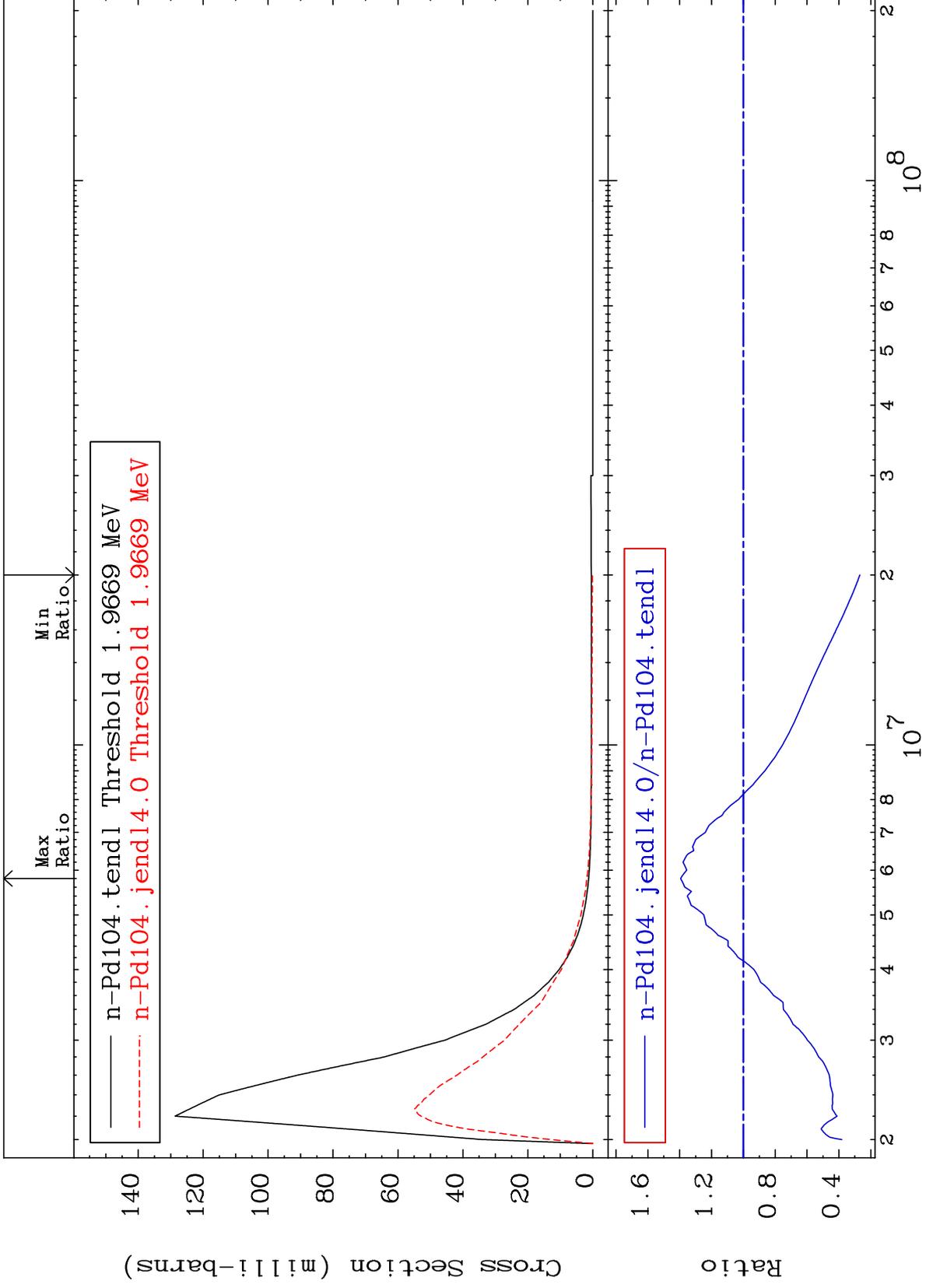
46-Pd-104
28.84 To 9999. %



MAT 4631

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

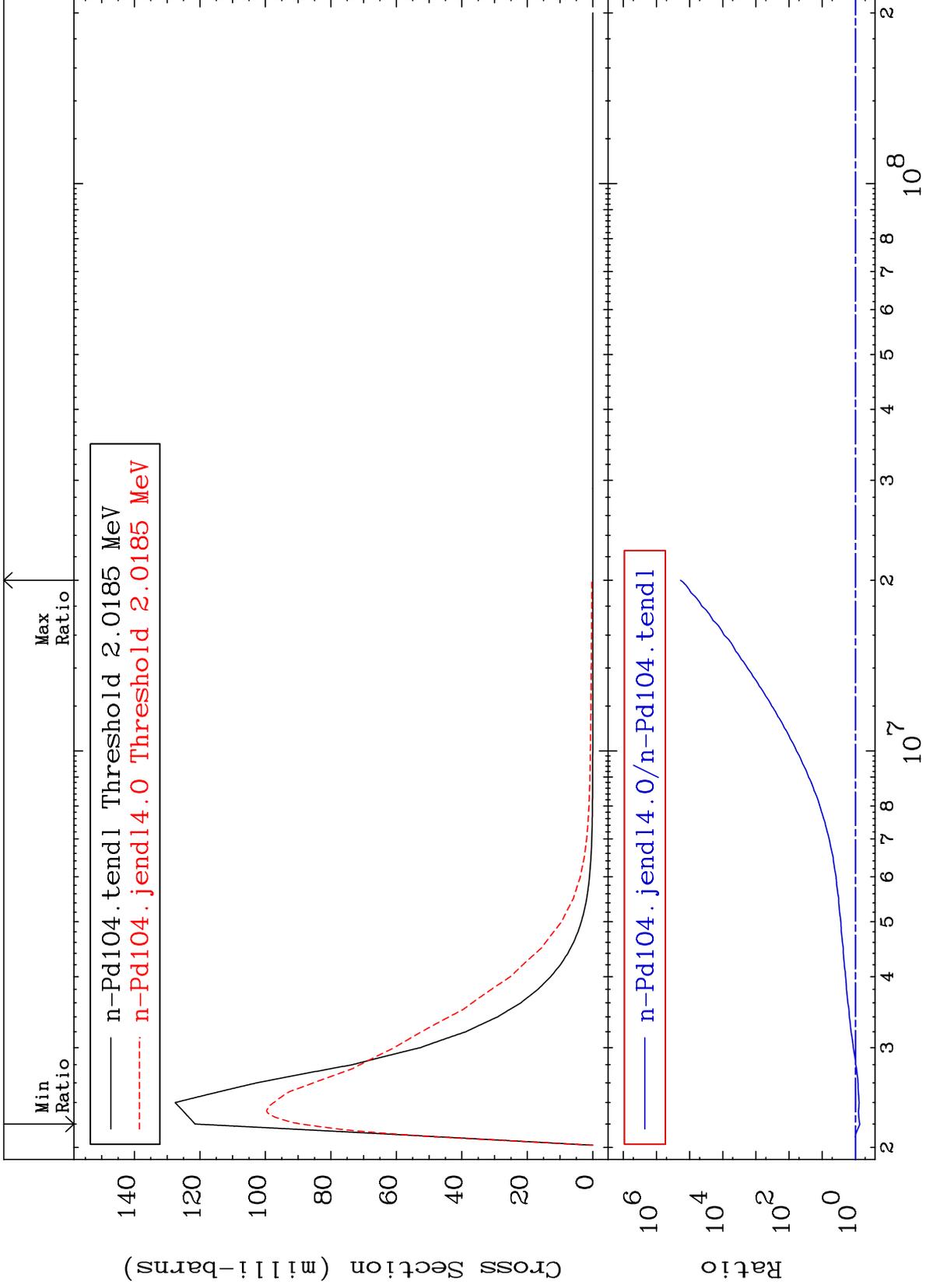
46-Pd-104
-73.12 To 39.49 %



MAT 4631

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

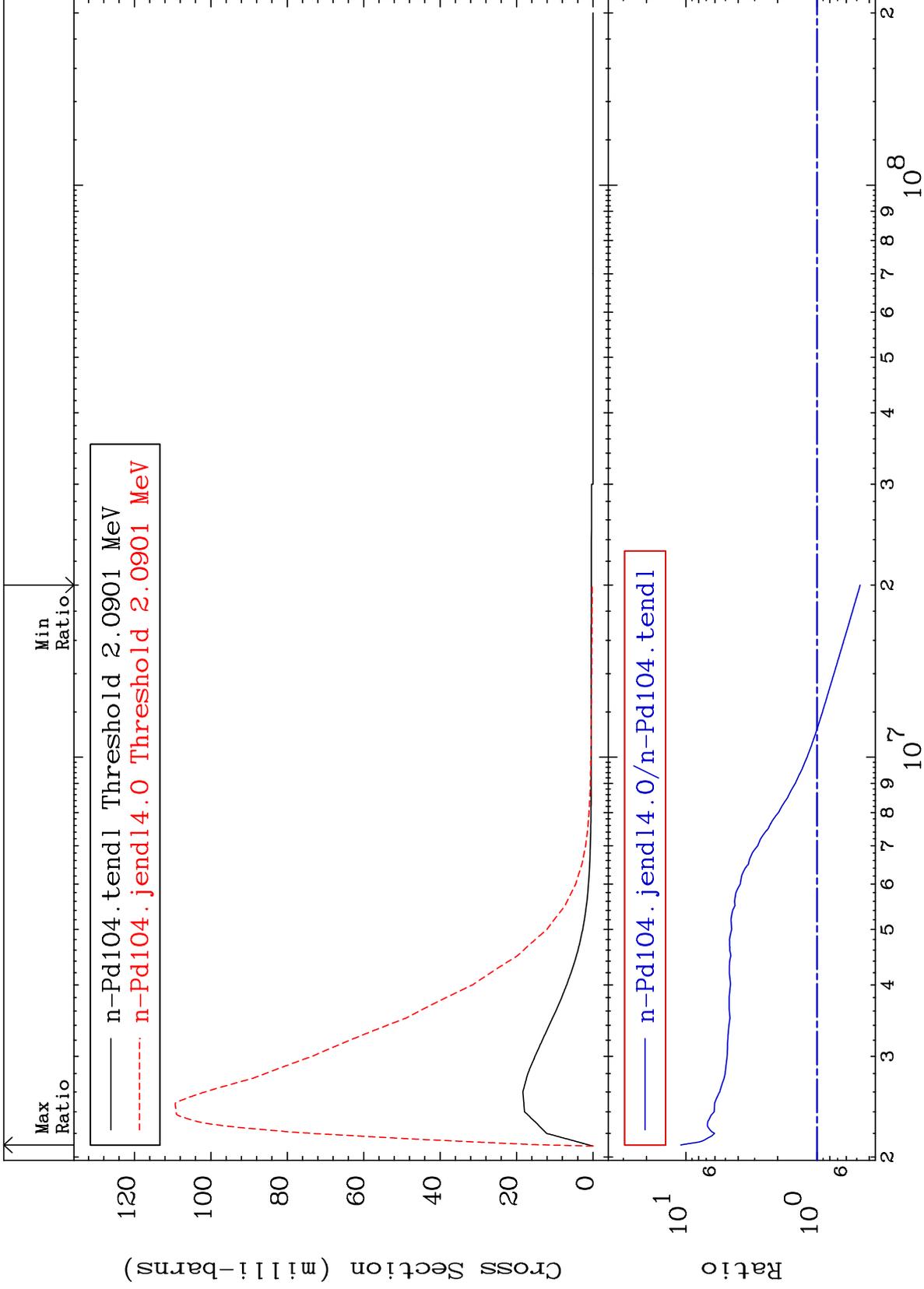
46-Pd-104
-26.59 To 9999. %



MAT 4631

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

46-Pd-104
-52.93 To 995.5 %



20

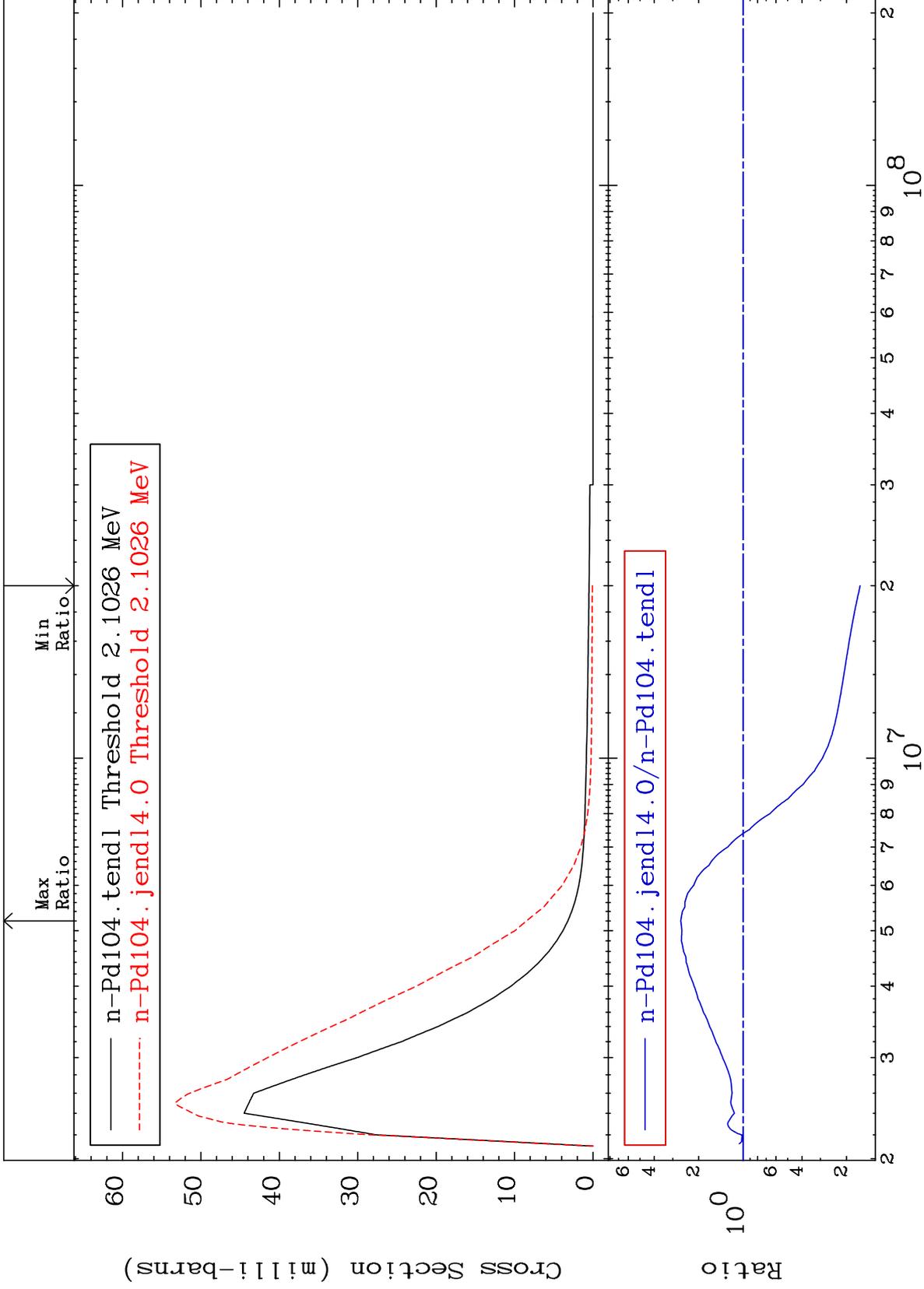
Incident Energy (eV)

46-Pd-104

MAT 4631

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

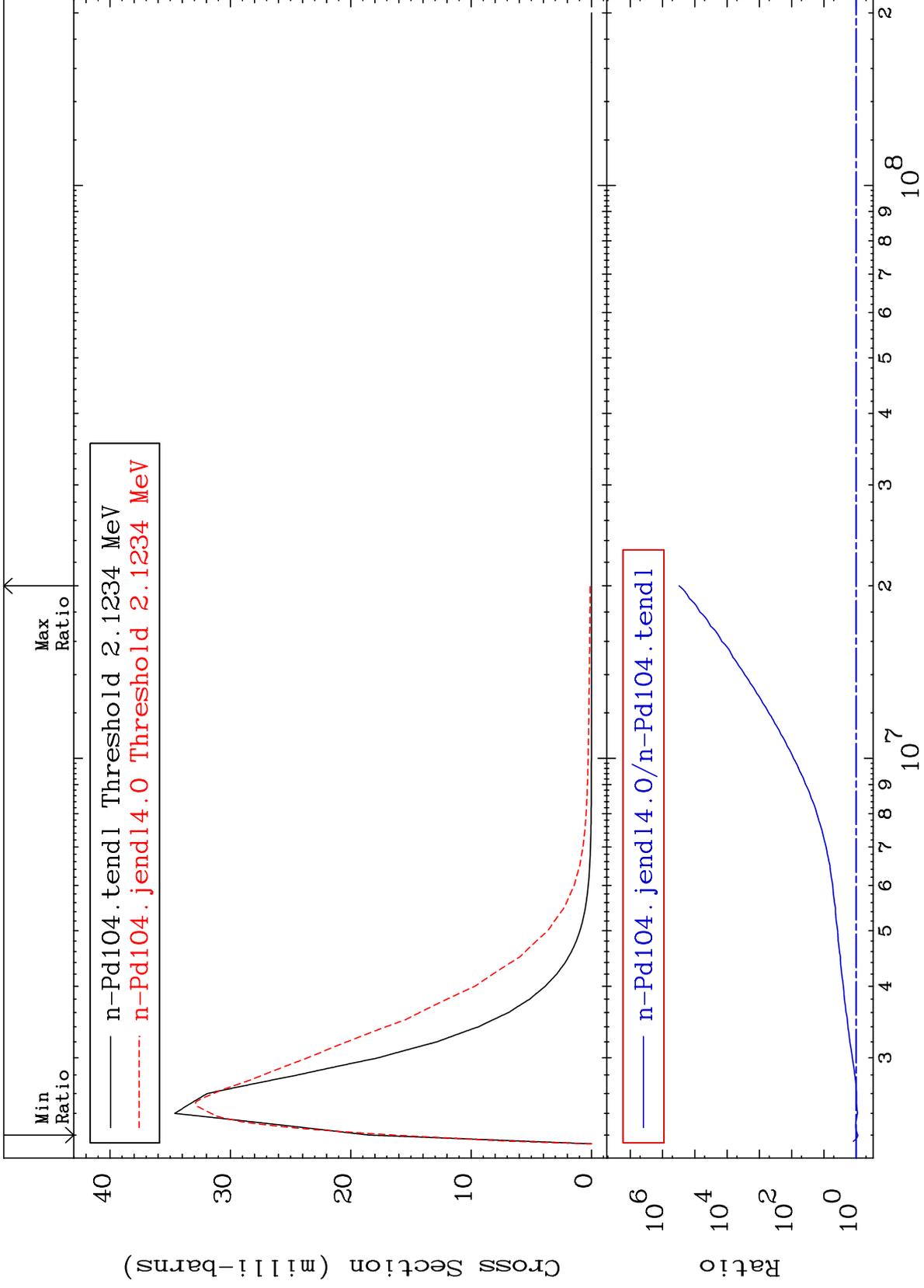
46-Pd-104
-83.84 To 164.7 %



MAT 4631

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

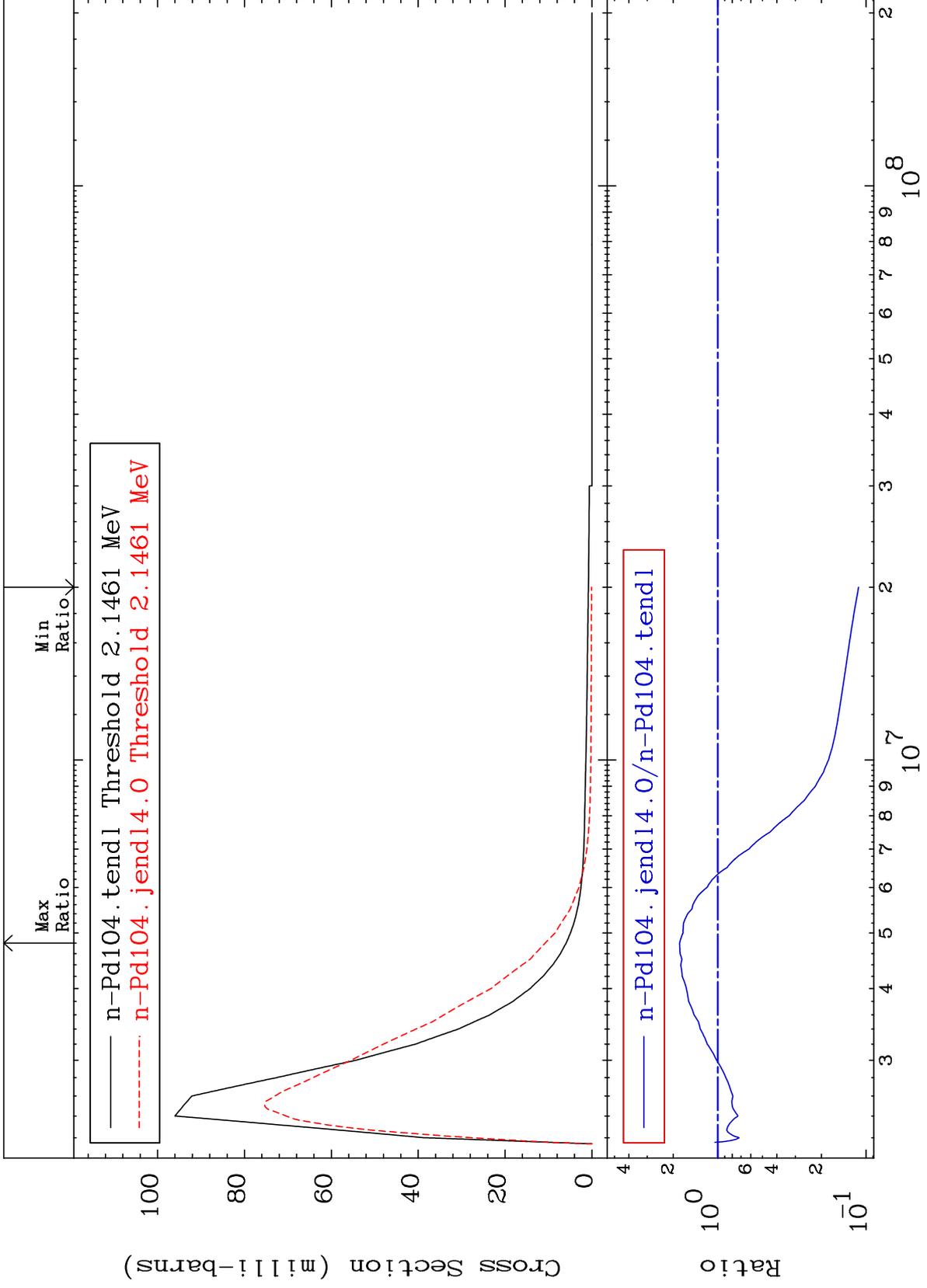
46-Pd-104
-10.91 To 9999. %



MAT 4631

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

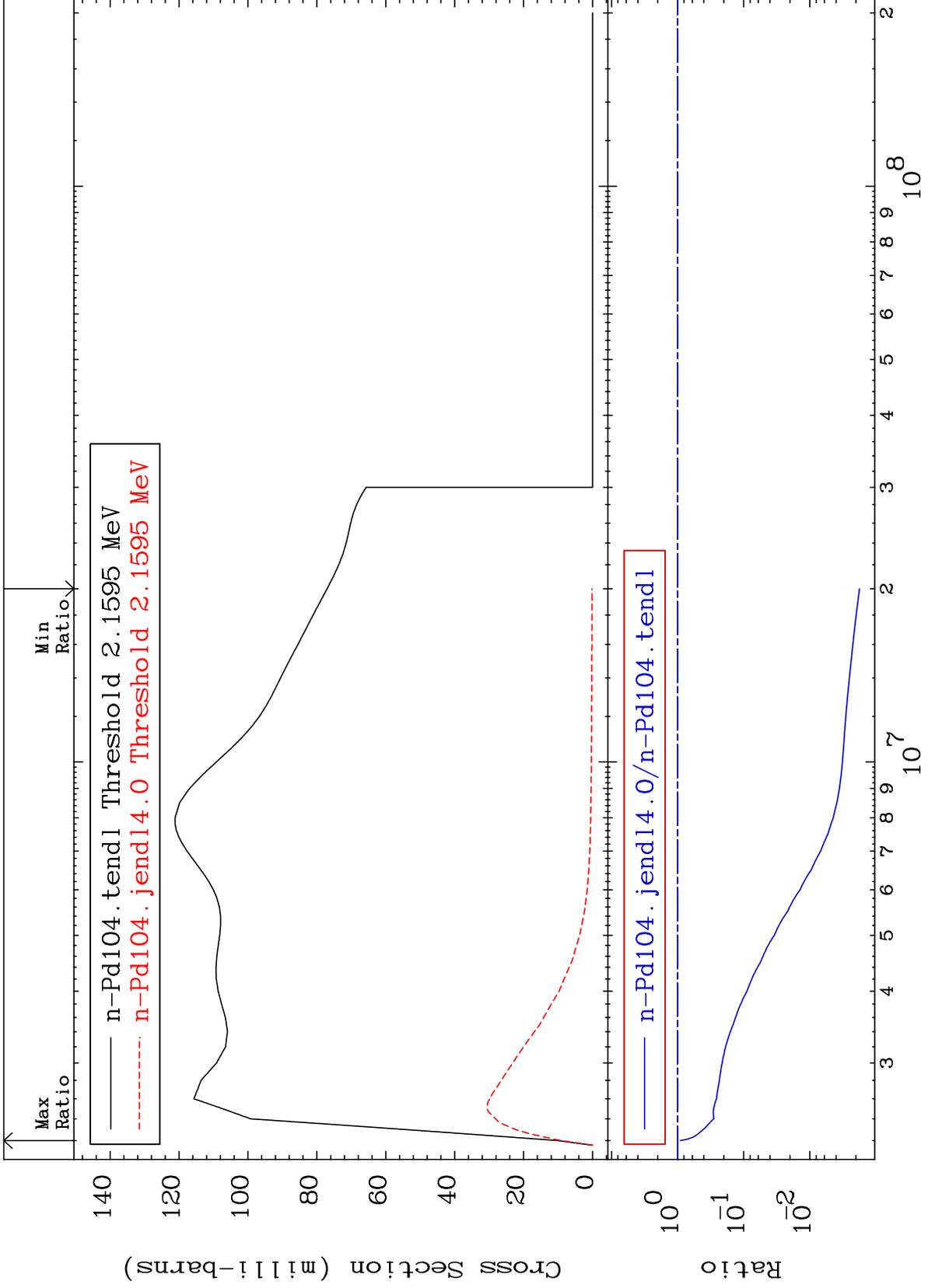
46-Pd-104
-88.75 To 81.63 %



MAT 4631

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

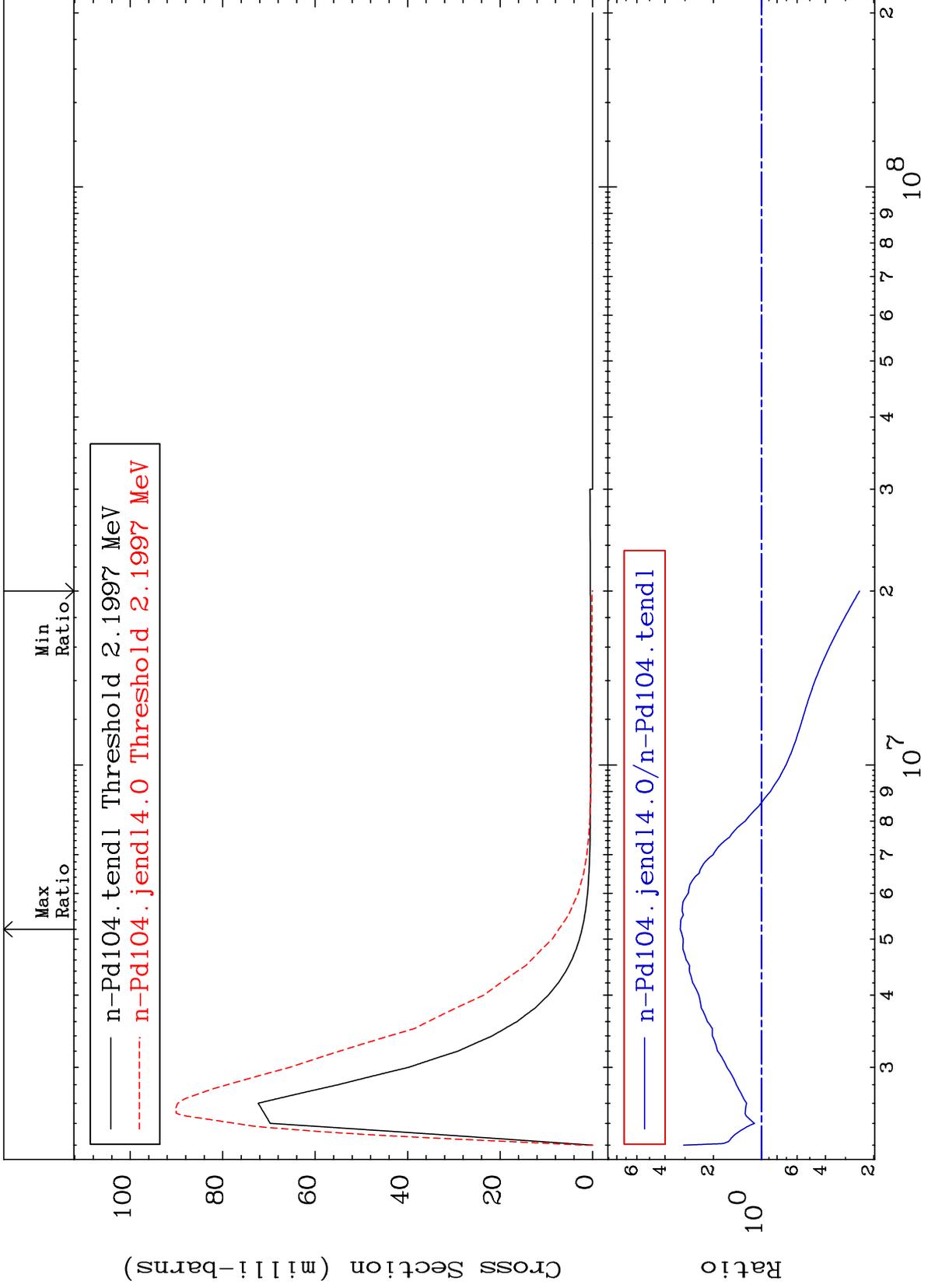
46-Pd-104
-99.82 To -8.962%



MAT 4631

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

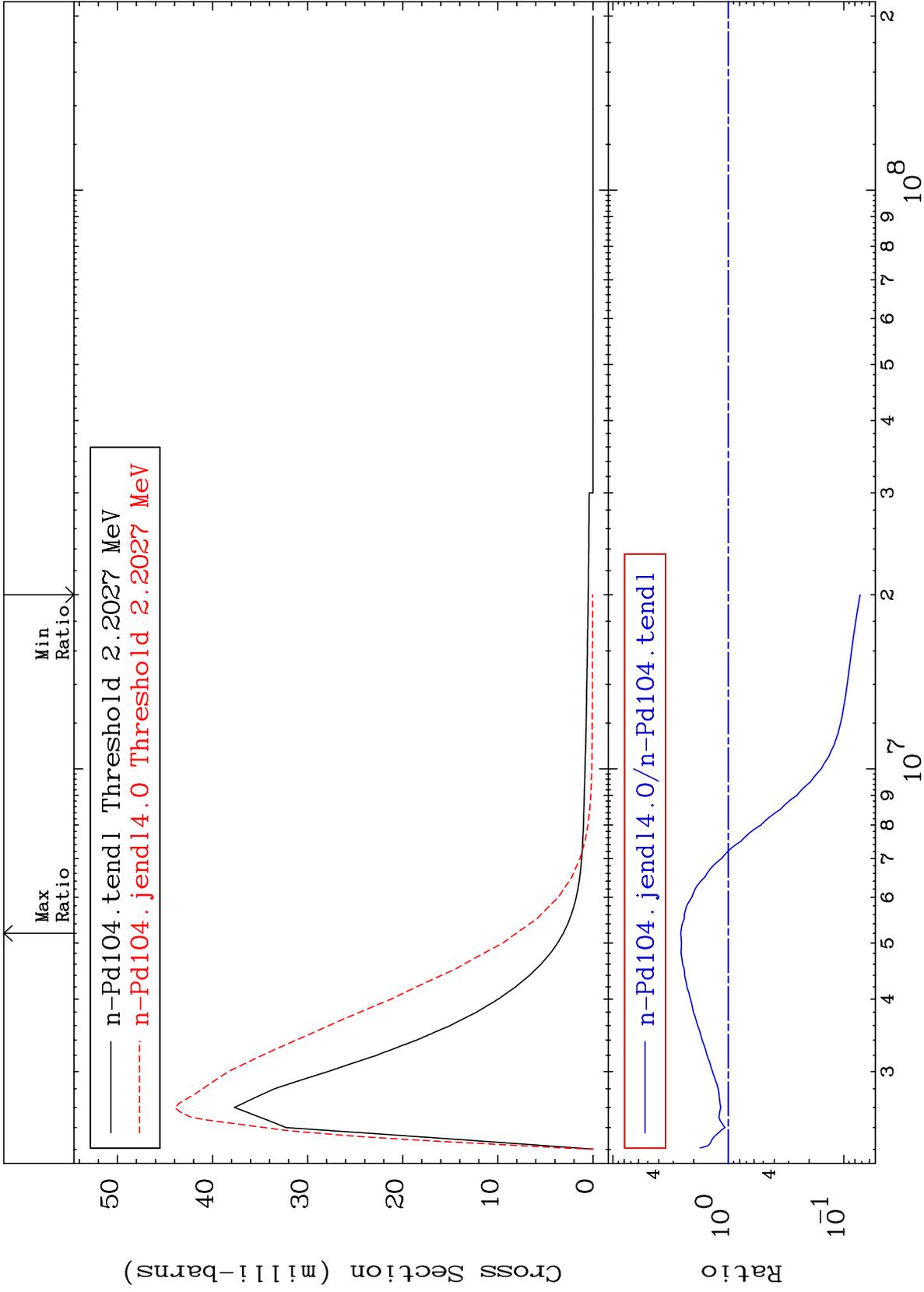
46-Pd-104
-75.47 To 221.4 %



MAT 4631

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

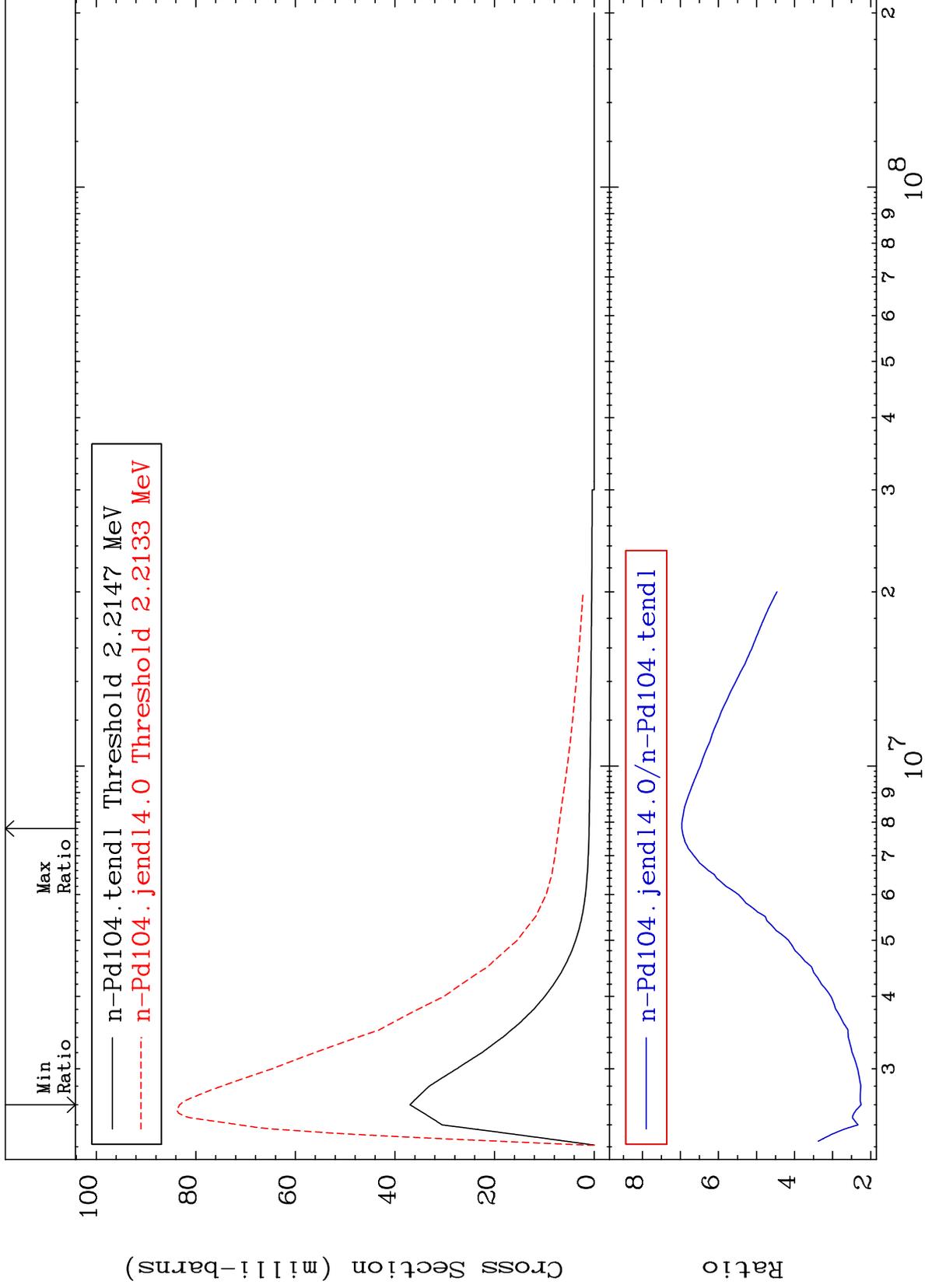
46-Pd-104
-92.78 To 158.4 %



MAT 4631

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

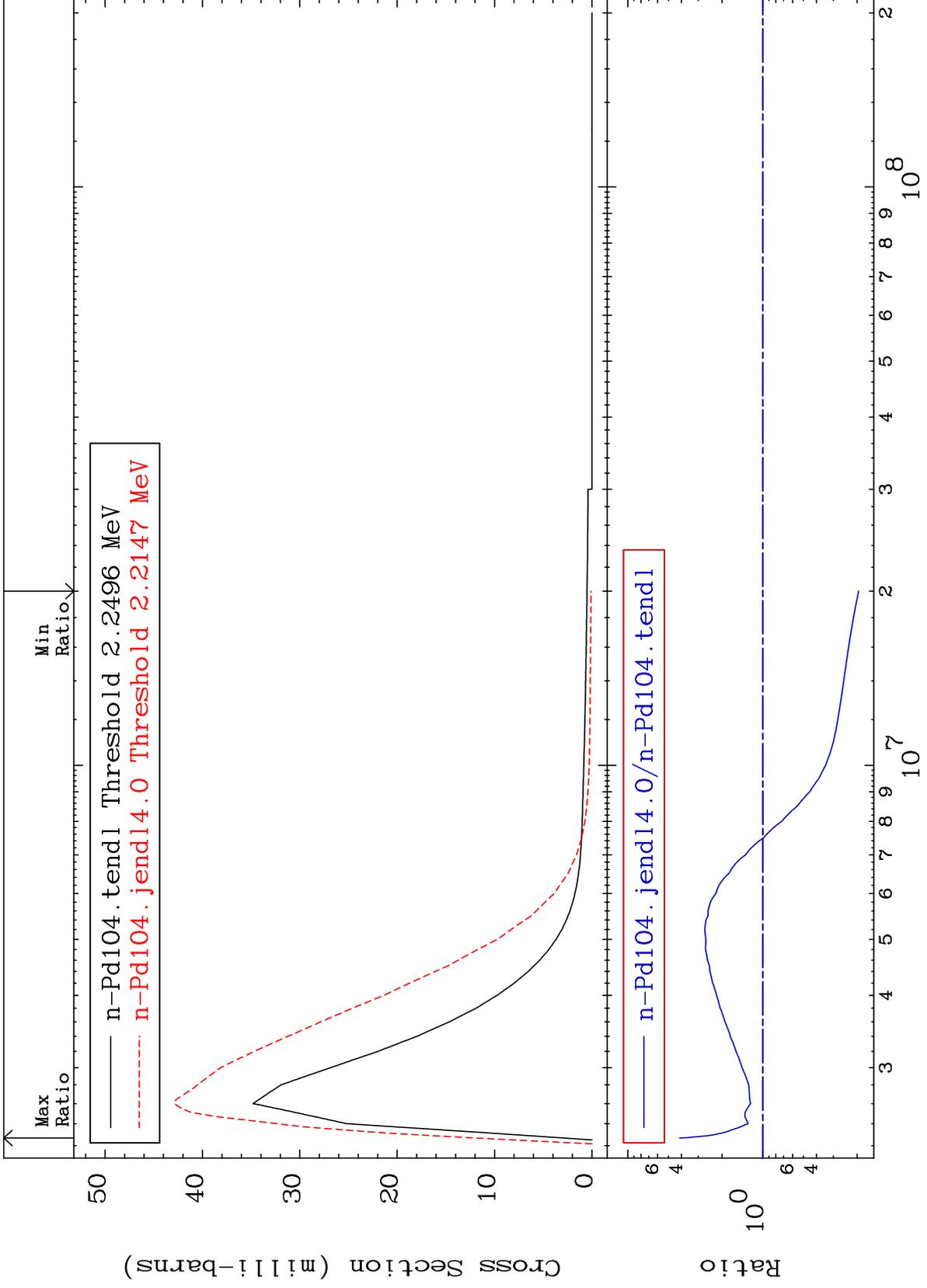
46-Pd-104
125.0 To 596.1 %



MAT 4631

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

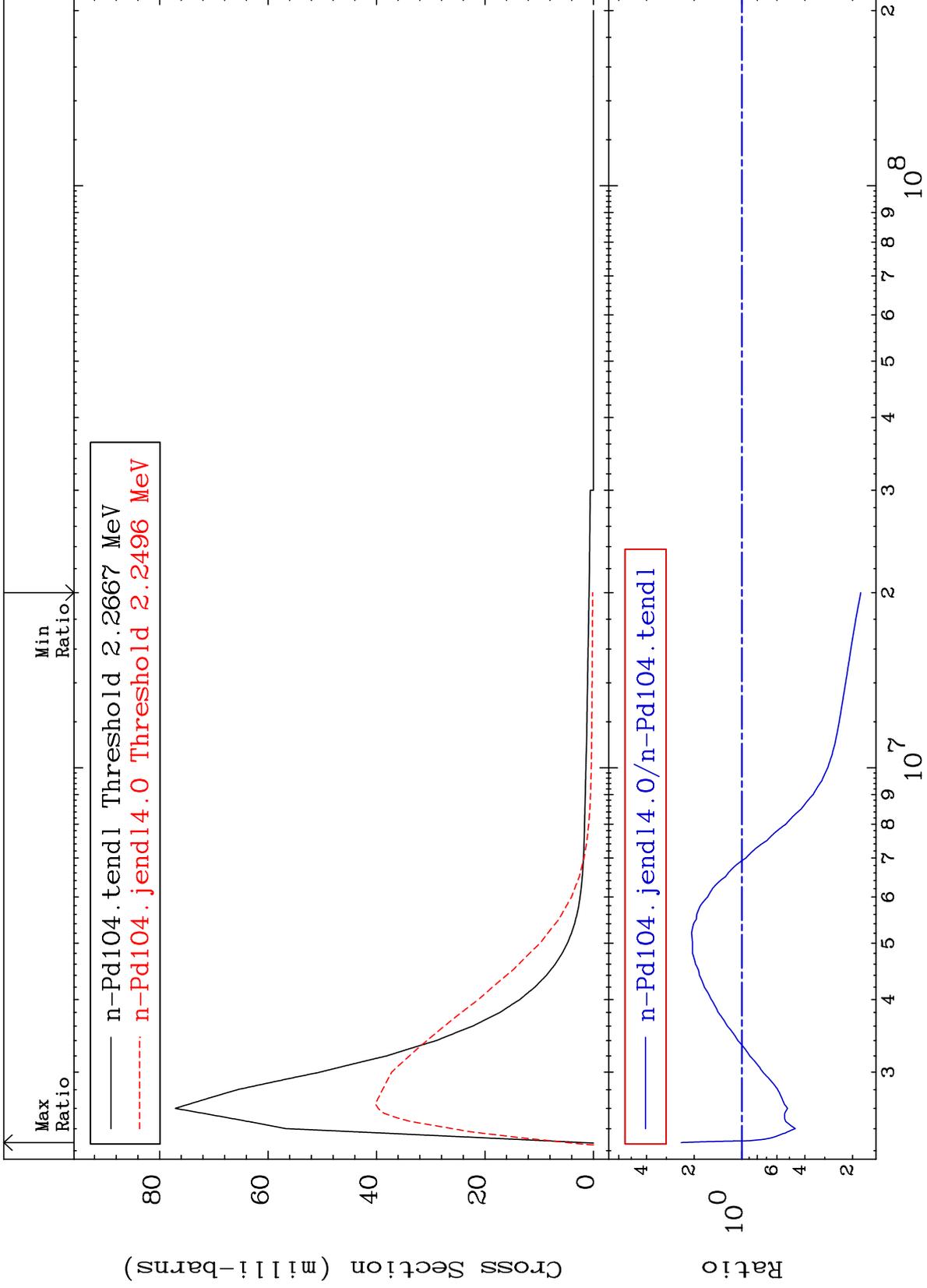
46-Pd-104
-80.52 To 313.3 %



MAT 4631

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

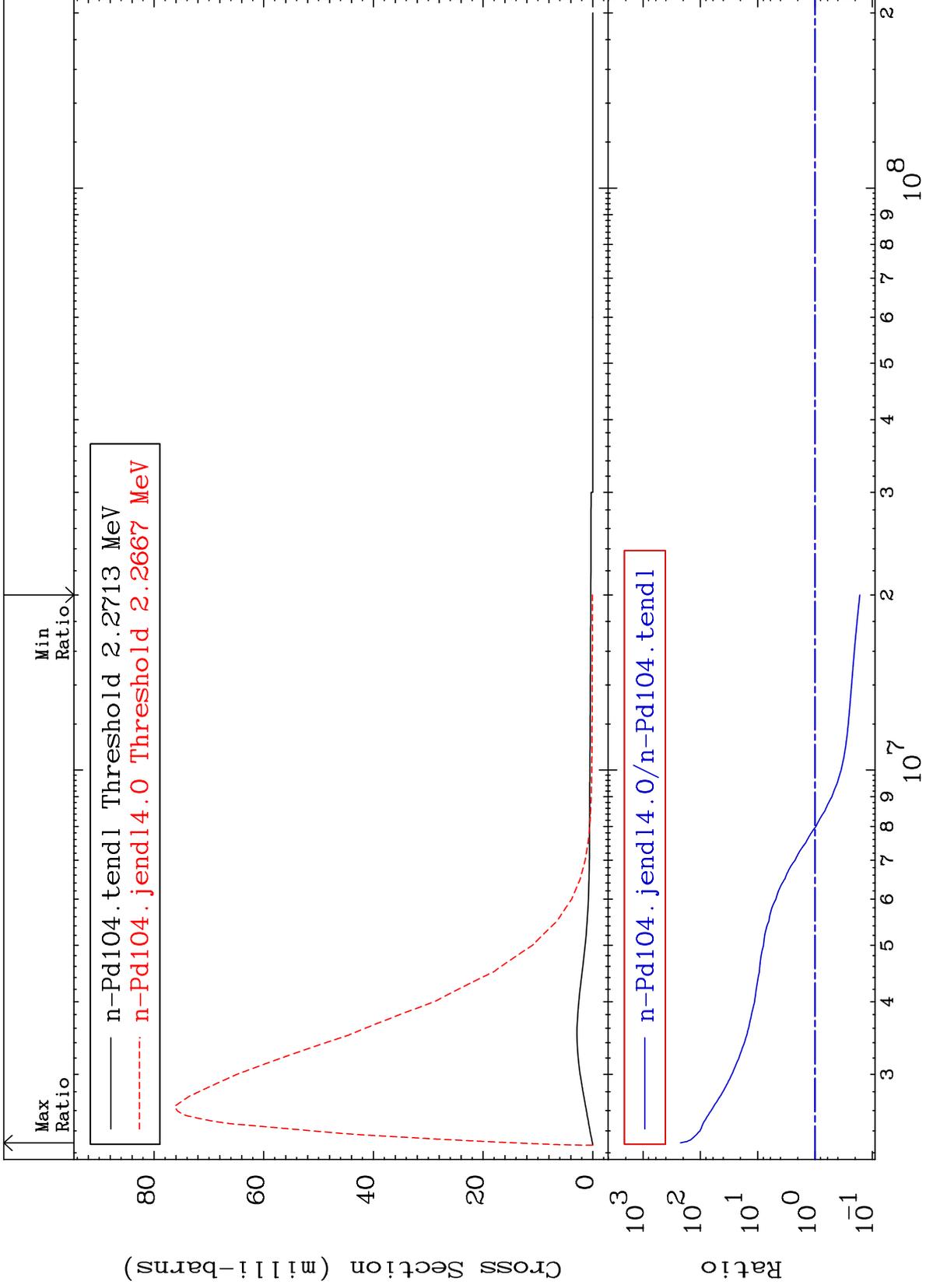
46-Pd-104
-82.24 To 141.5 %



MAT 4631

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

46-Pd-104
-83.44 To 9999. %



30

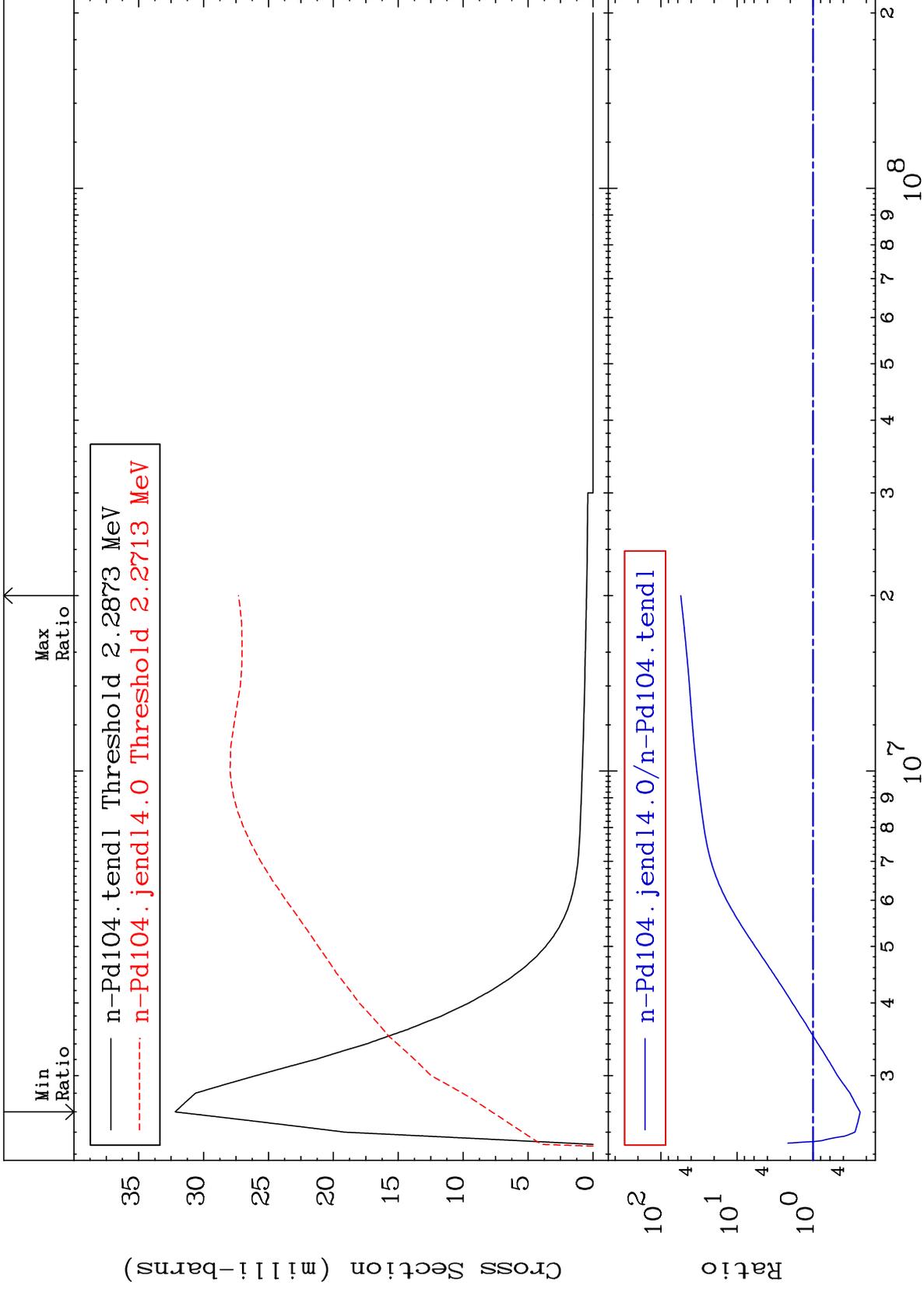
Incident Energy (eV)

46-Pd-104

MAT 4631

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

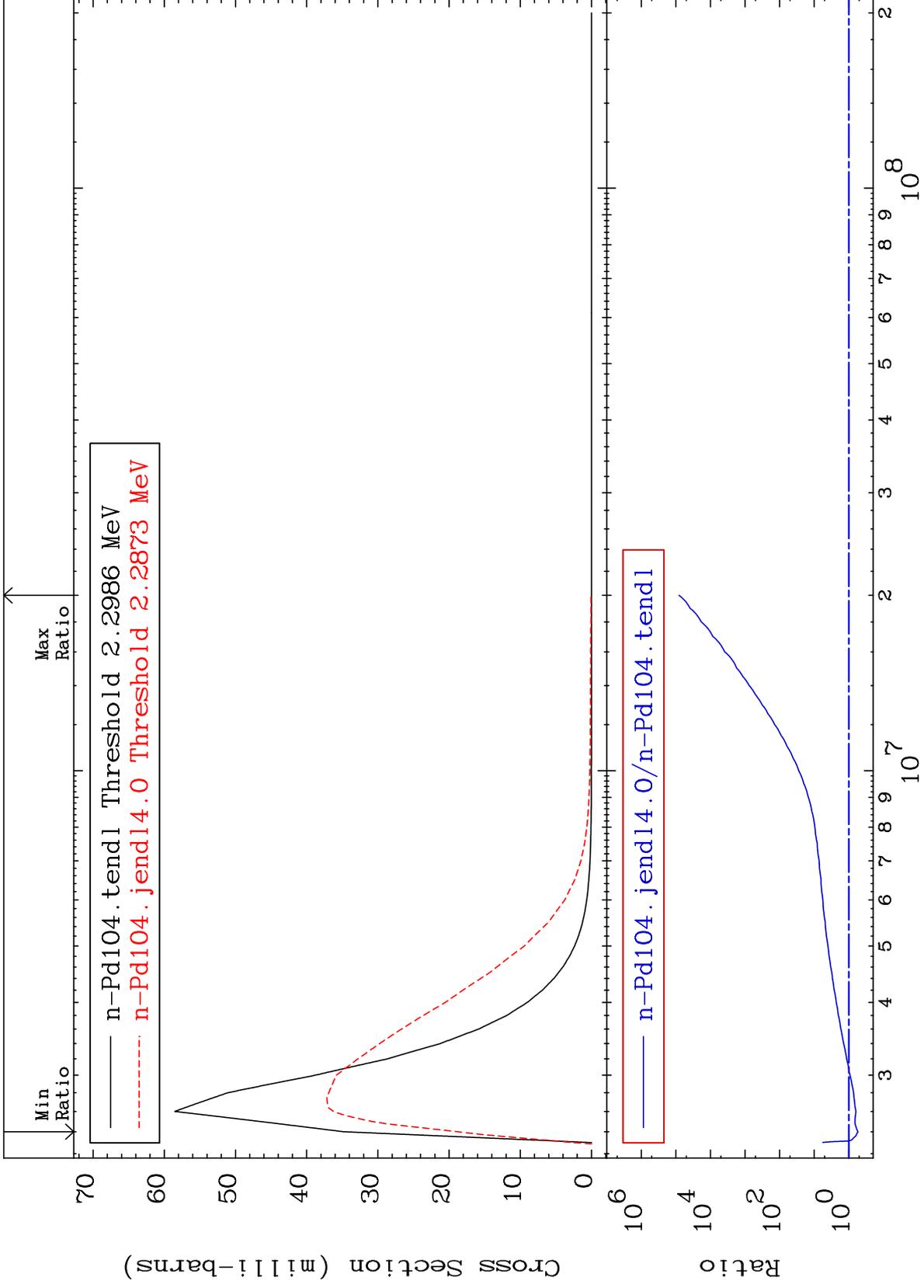
46-Pd-104
-75.82 To 5387. %



MAT 4631

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

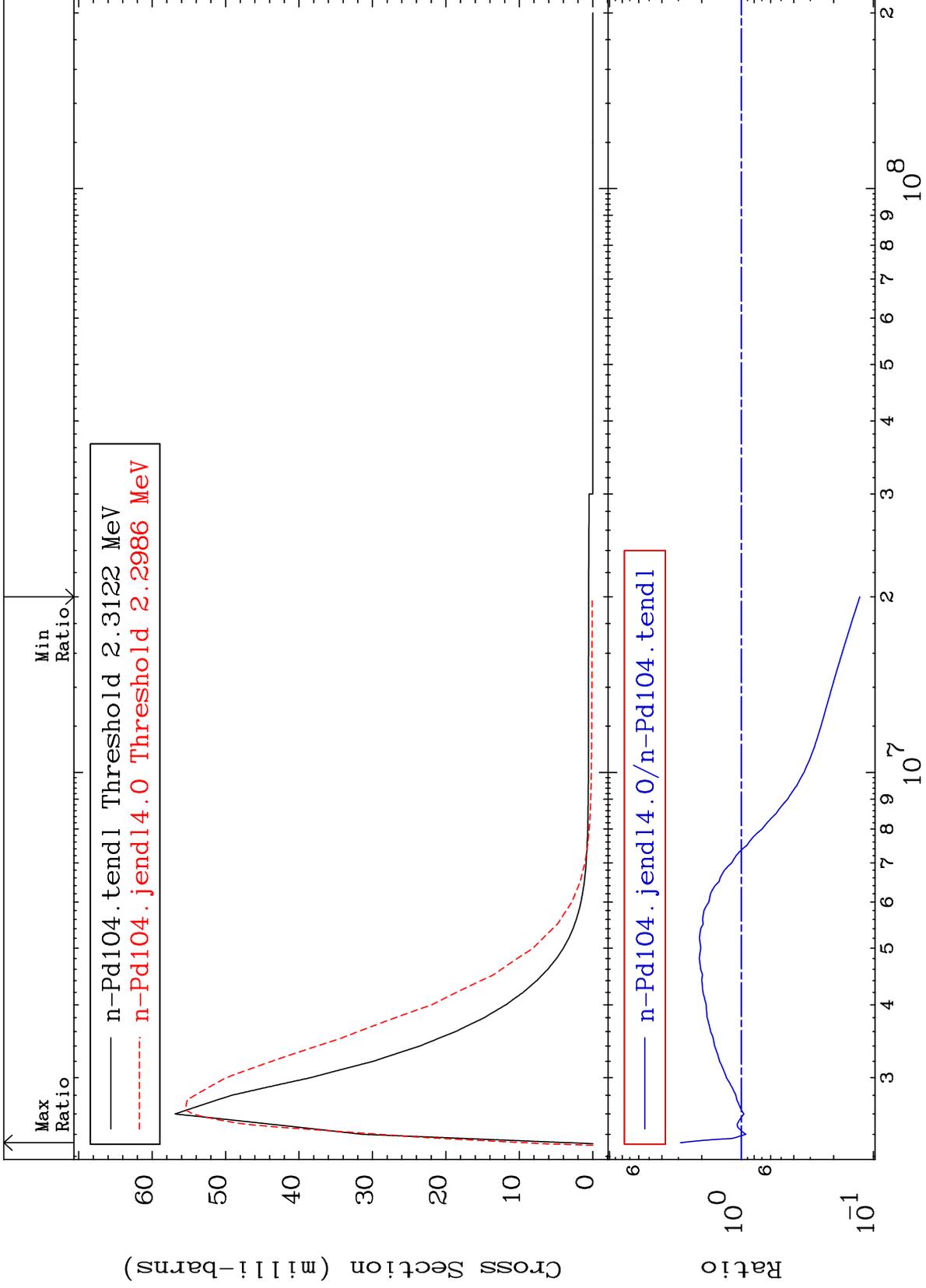
46-Pd-104
-45.87 To 9999. %



MAT 4631

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

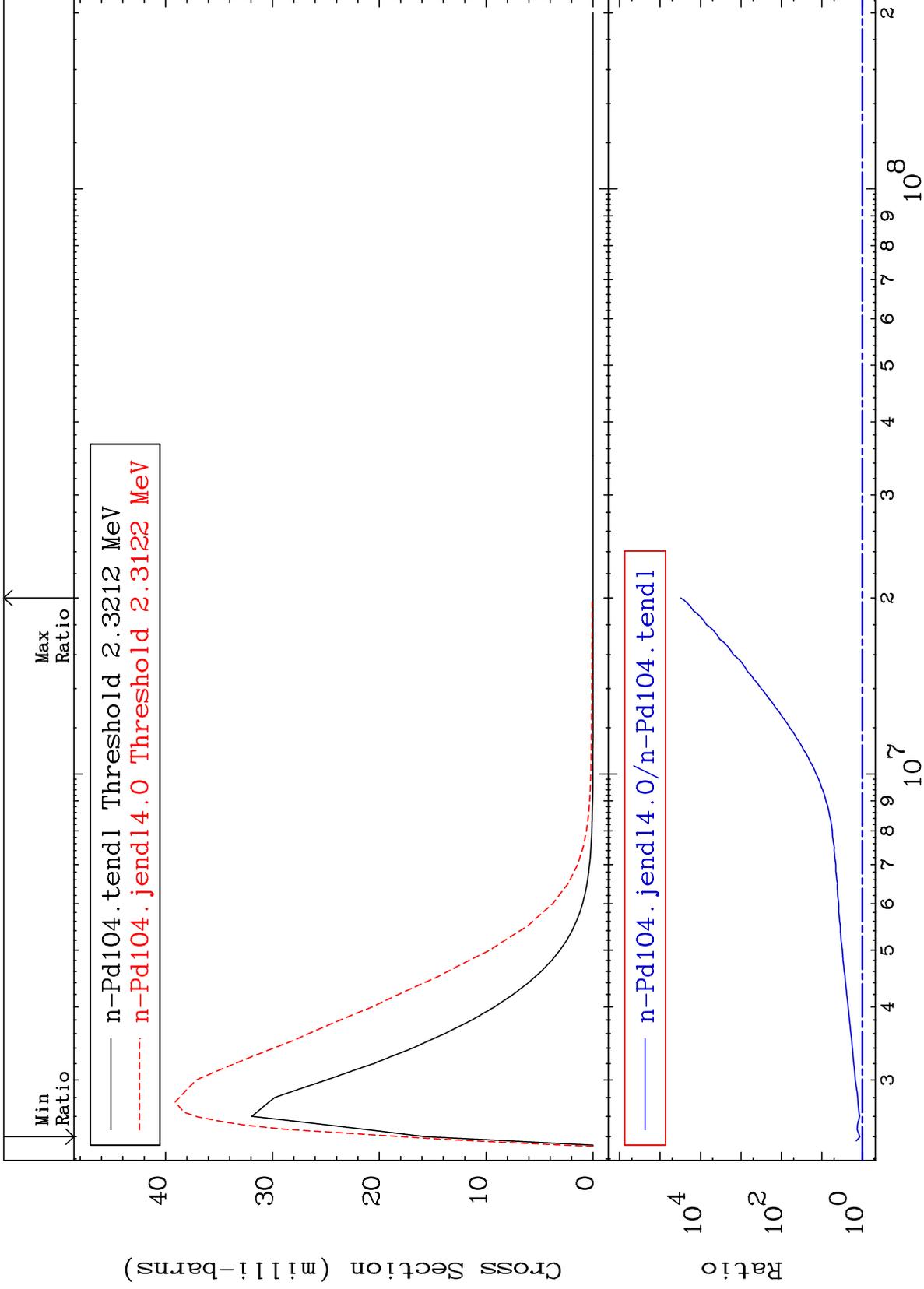
46-Pd-104
-87.32 To 189.2 %



MAT 4631

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

46-Pd-104
13.86 To 9999. %



34

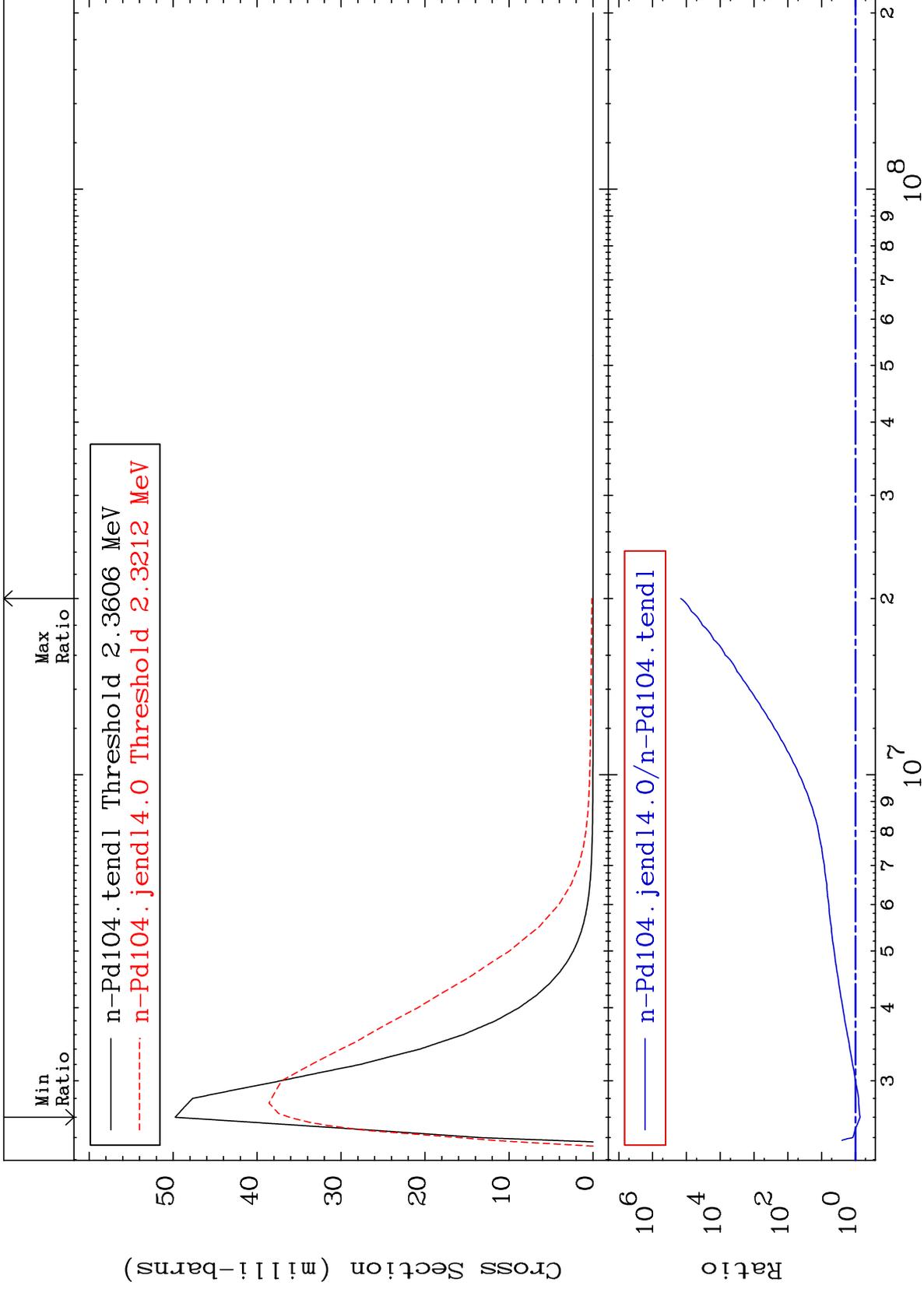
Incident Energy (eV)

46-Pd-104

MAT 4631

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

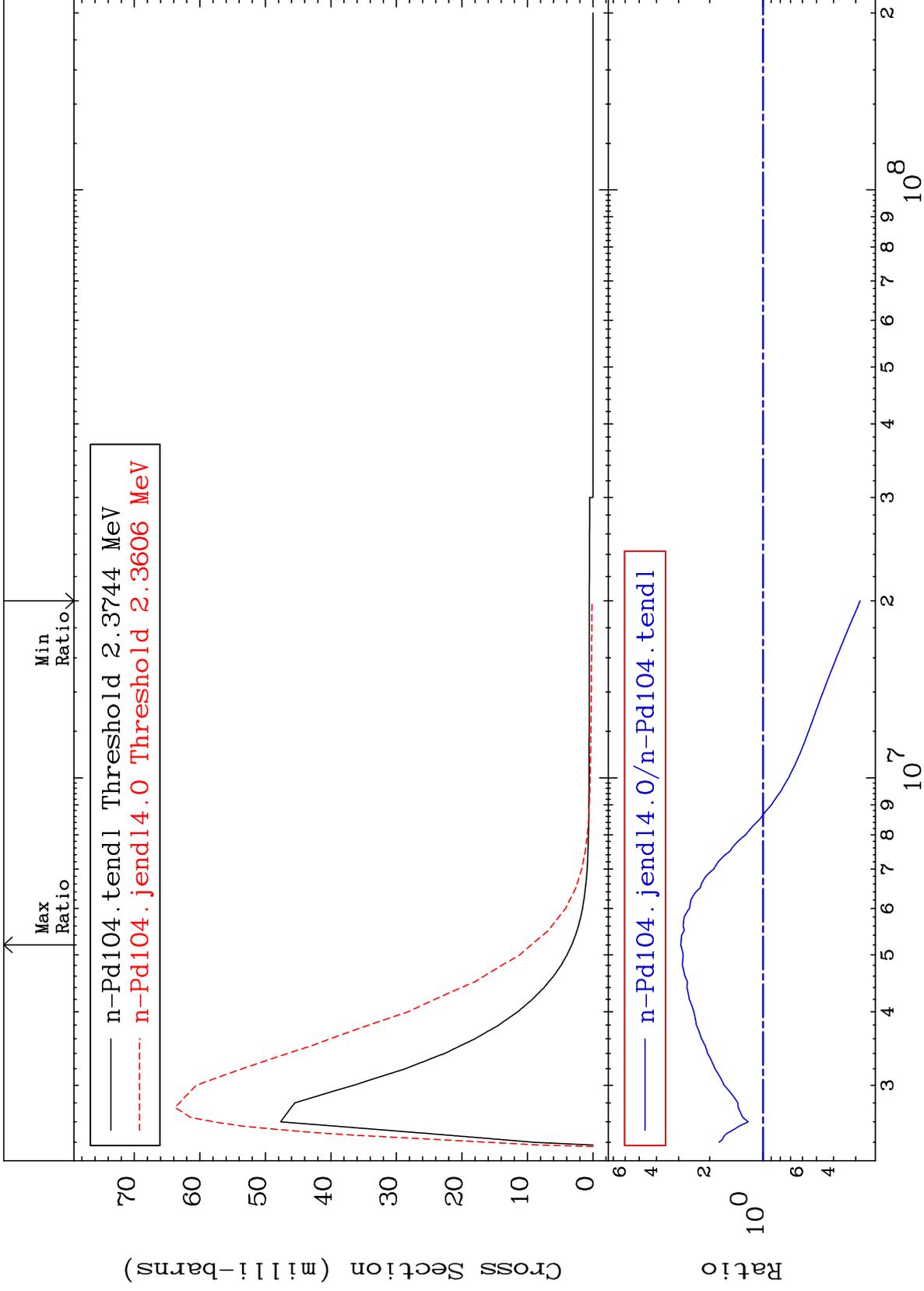
46-Pd-104
-27.40 To 9999. %



MAT 4631

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

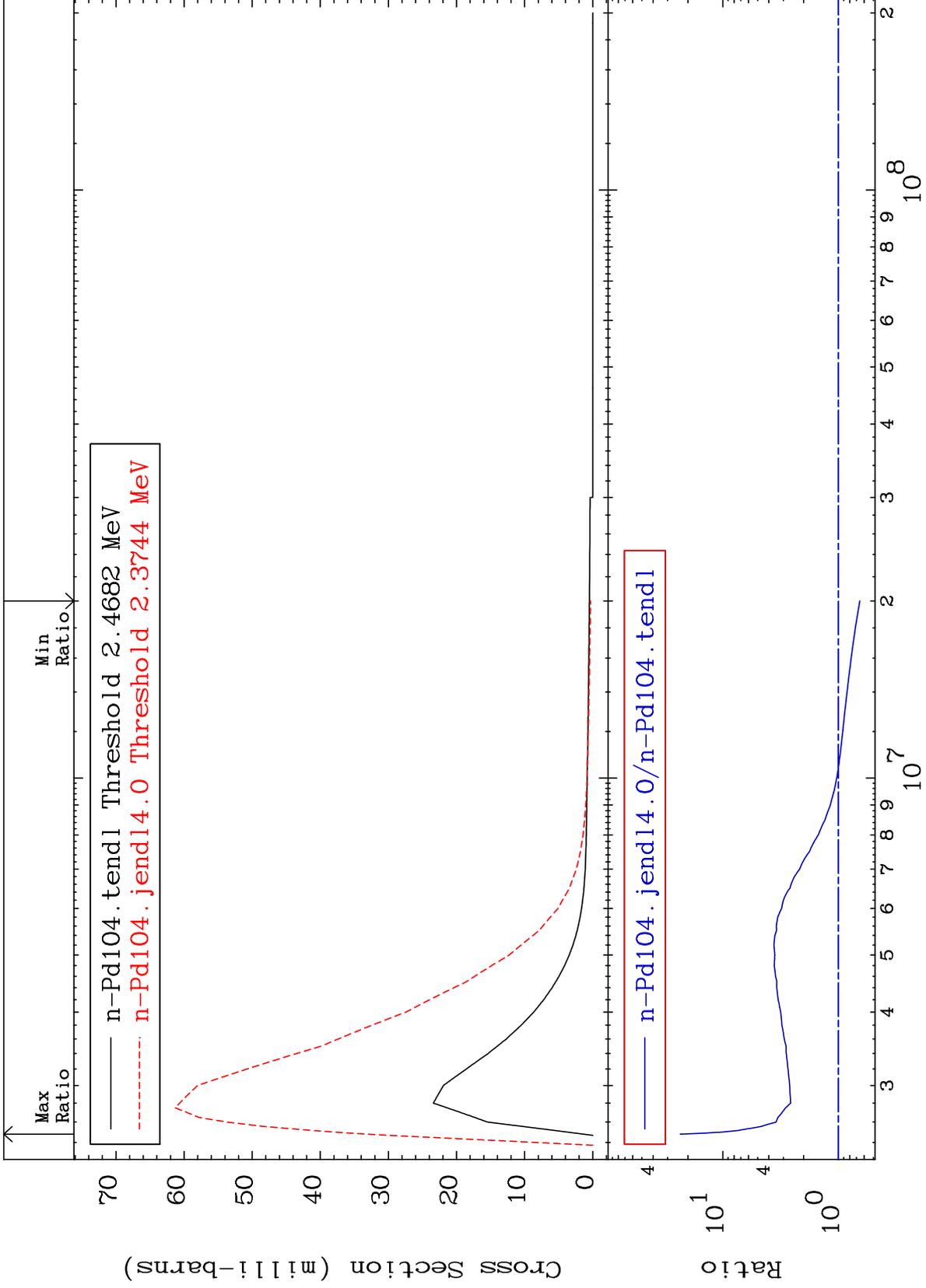
46-Pd-104
-71.65 To 191.5 %



MAT 4631

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

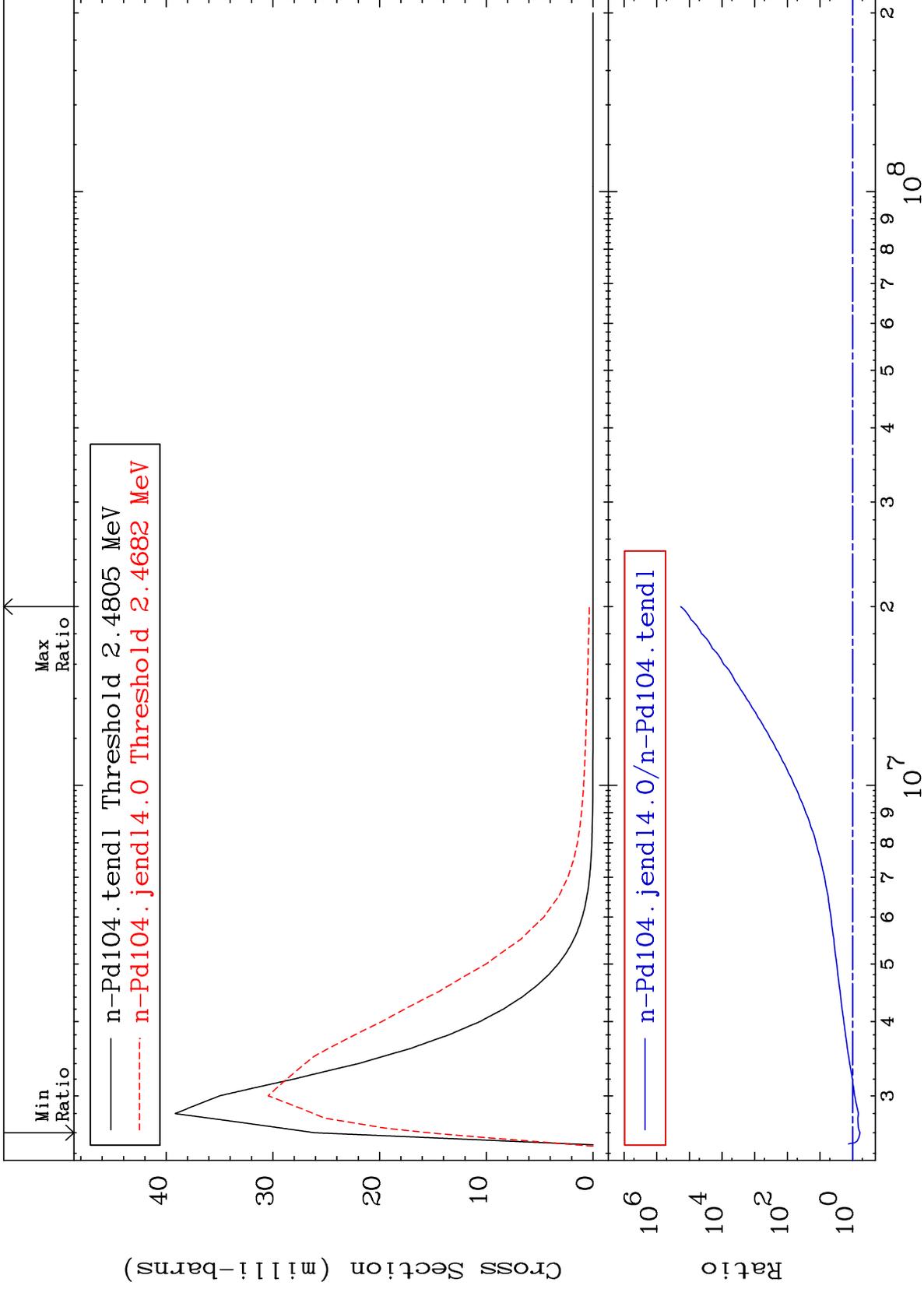
46-Pd-104
-34.52 To 2220. %



MAT 4631

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

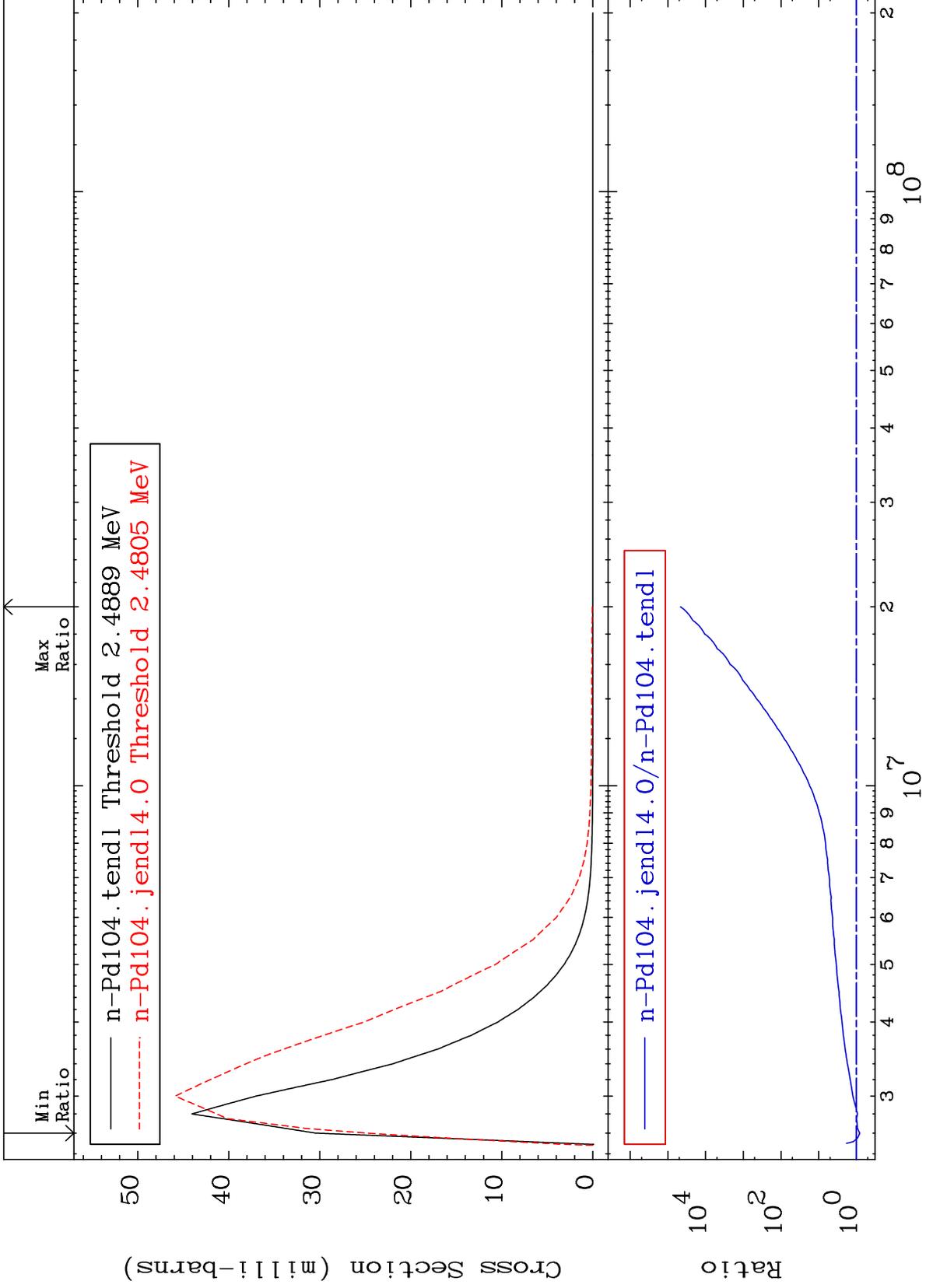
46-Pd-104
-40.91 To 9999. %



MAT 4631

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

46-Pd-104
-18.67 To 9999. %

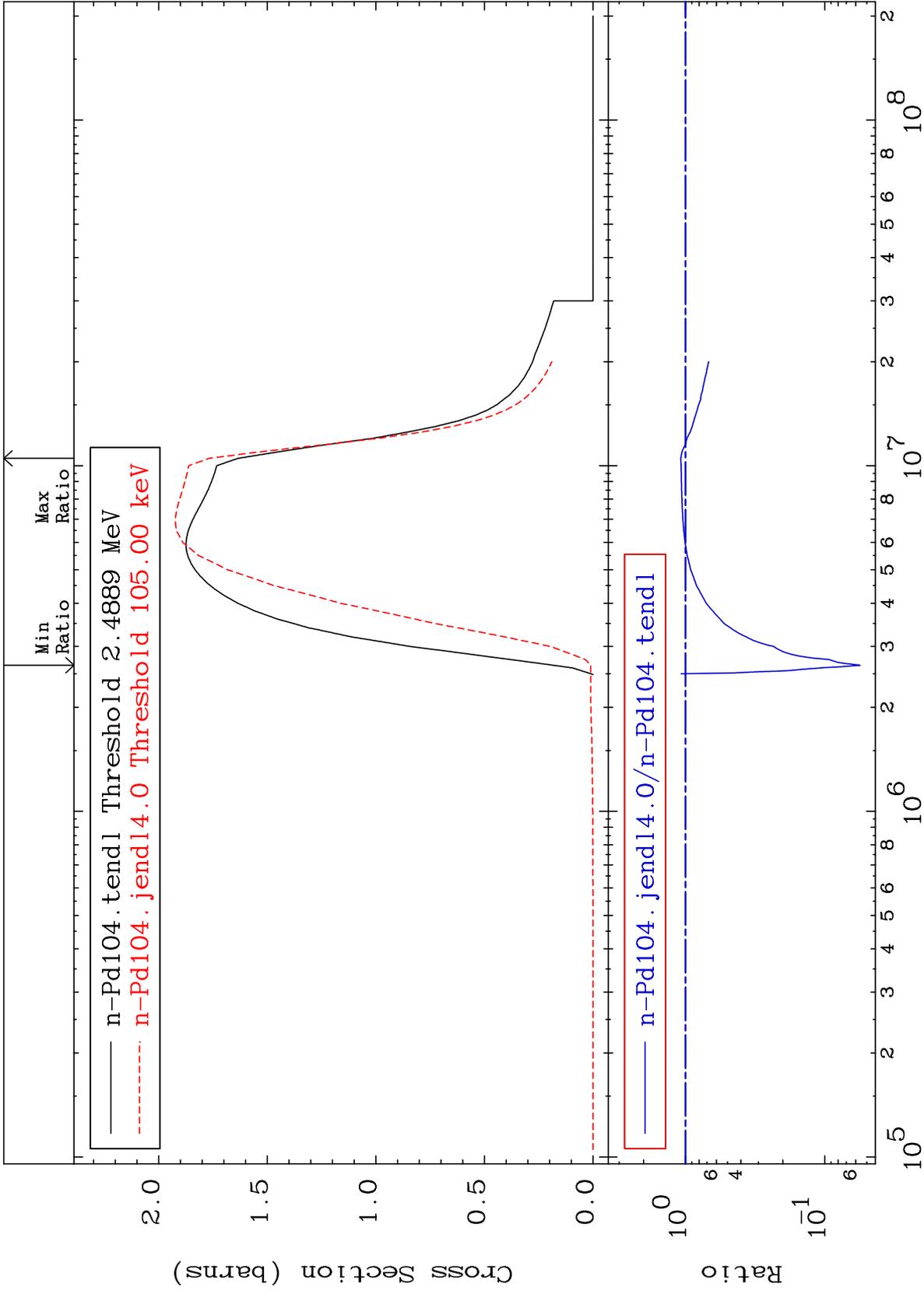


MAT 4631

(n, n') Continuum
Cross Section

46-Pd-104
-94.42 To 8.143 %

— n-Pd104.tendl Threshold 2.4889 MeV
- - - n-Pd104.jendl4.0 Threshold 105.00 keV



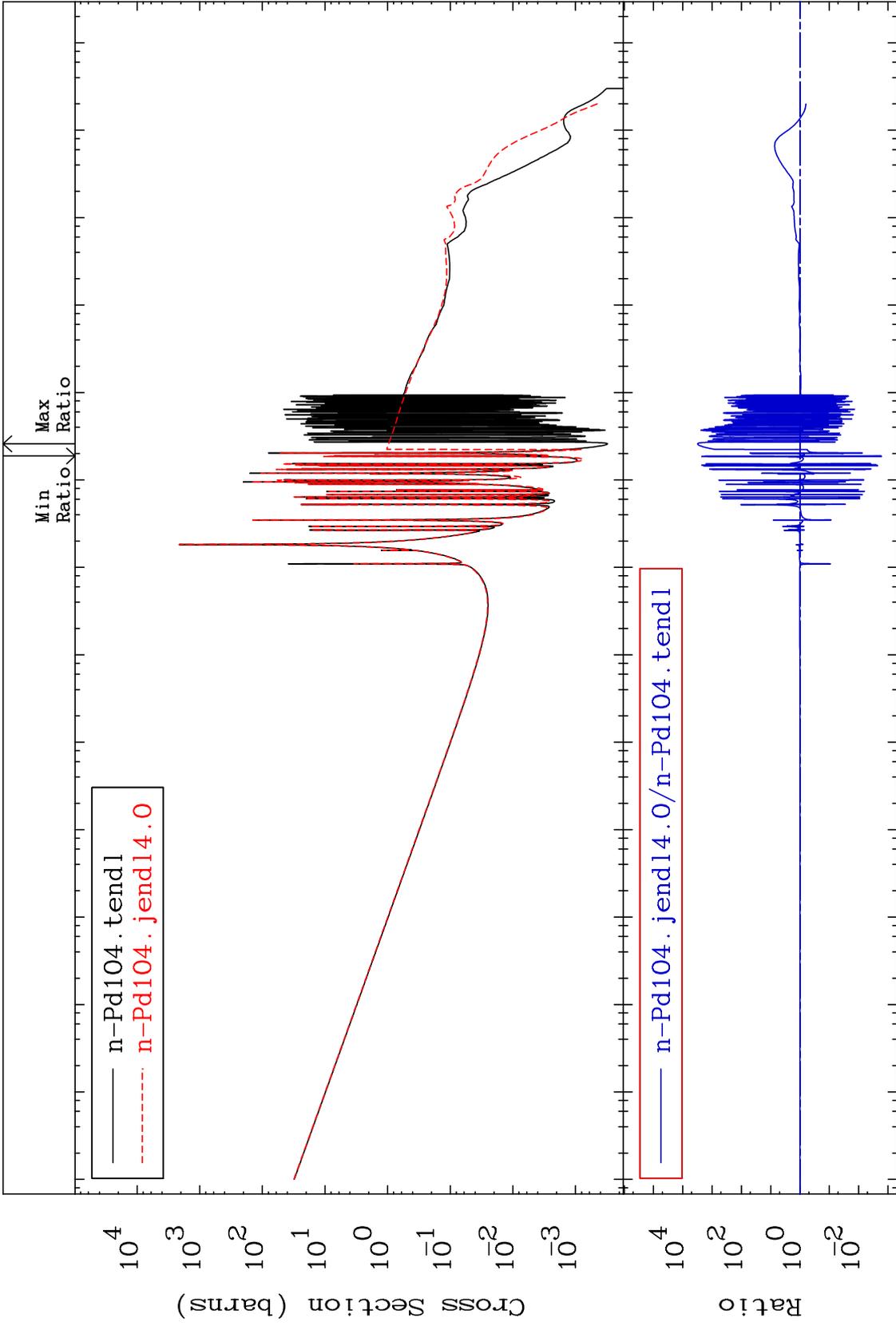
Incident Energy (eV)

46-Pd-104

MAT 4631

(n, γ)
Cross Section

46-Pd-104
-99.84 To 9999. %



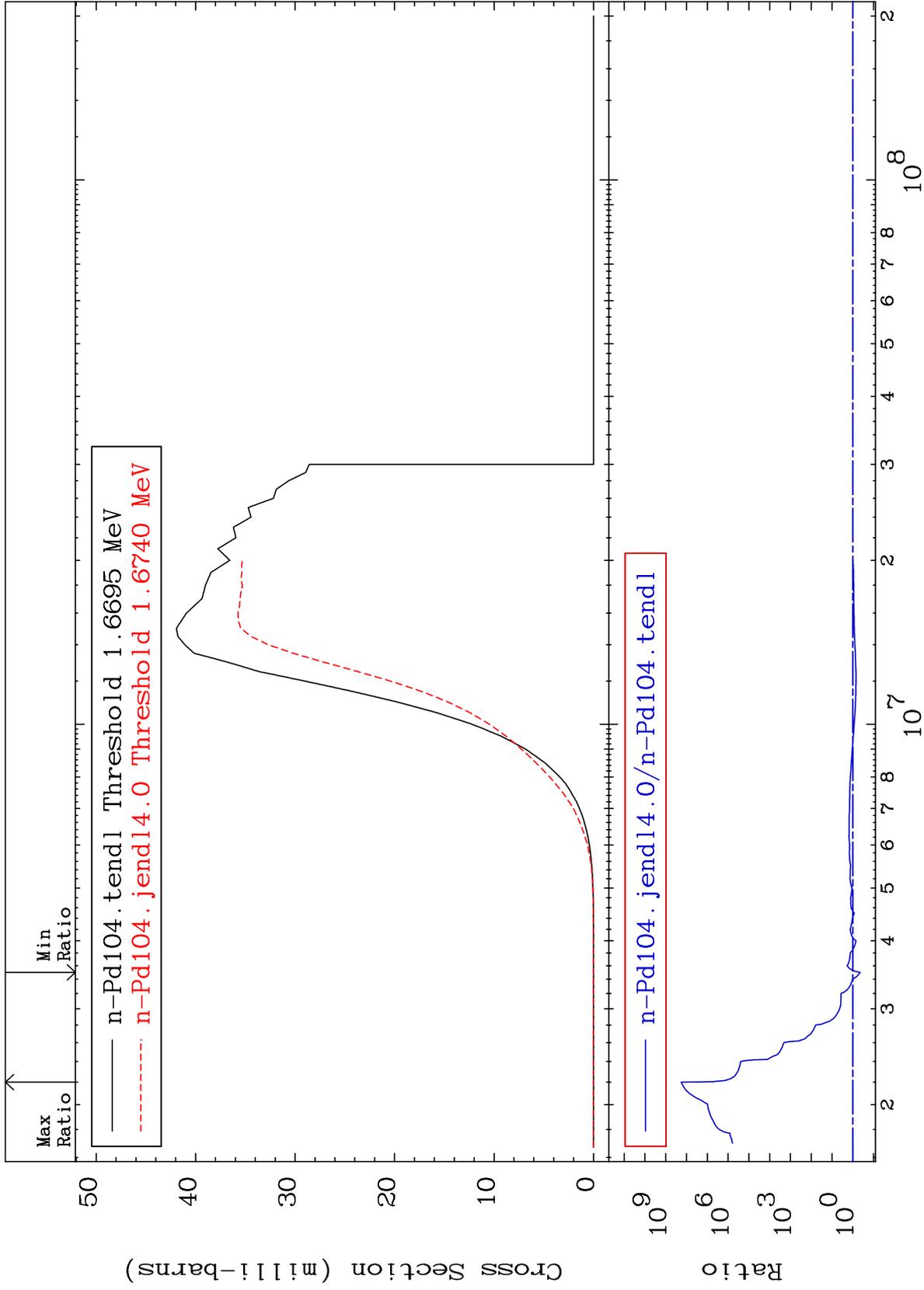
MAT 4631

(n,p)

46-Pd-104

Cross Section

-56.04 To 9999. %



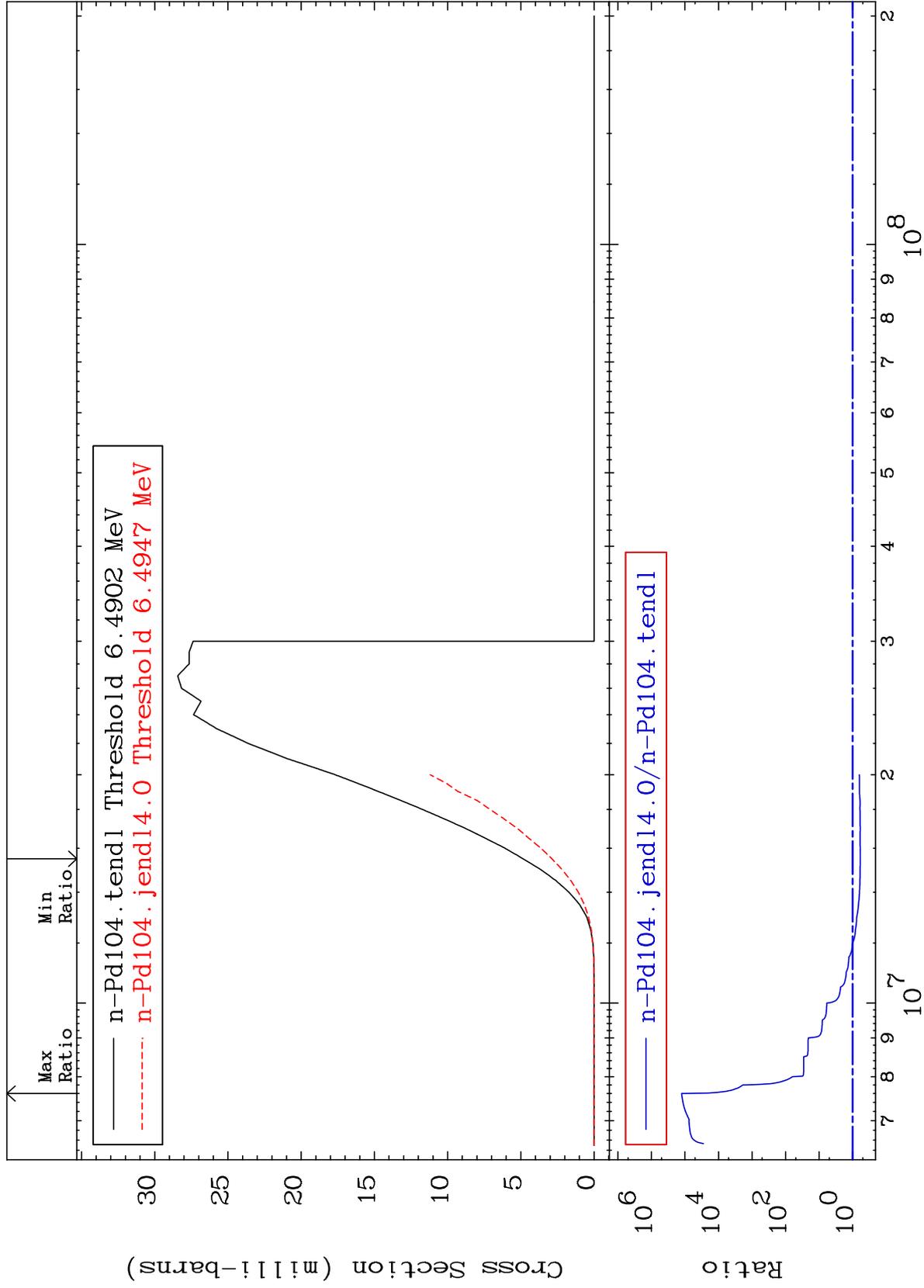
MAT 4631

(n, d)

46-Pd-104

Cross Section

-40.68 To 9999. %



43

Incident Energy (eV)

46-Pd-104

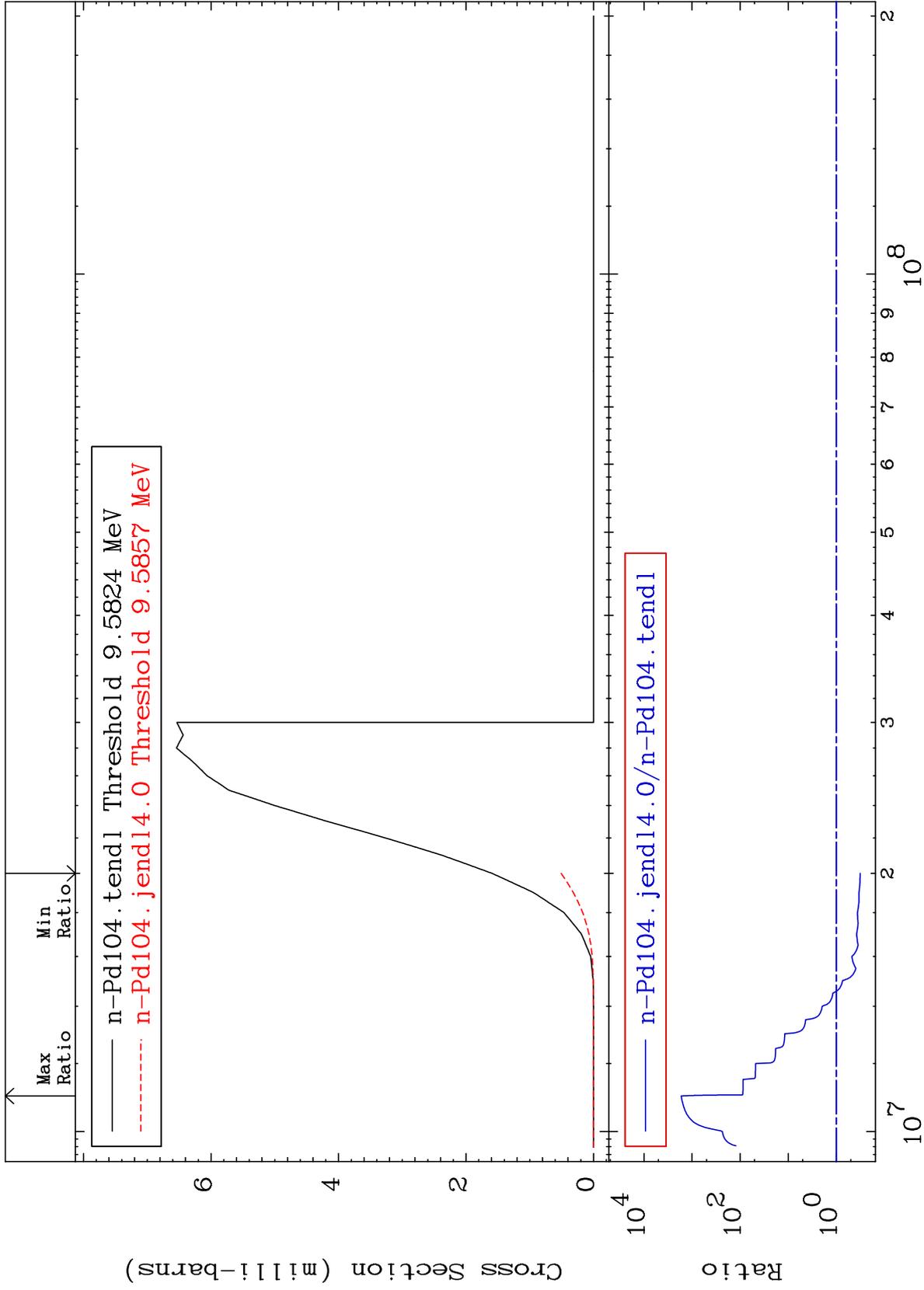
MAT 4631

(n, t)

46-Pd-104

Cross Section

-68.15 To 9999. %



44

Incident Energy (eV)

46-Pd-104

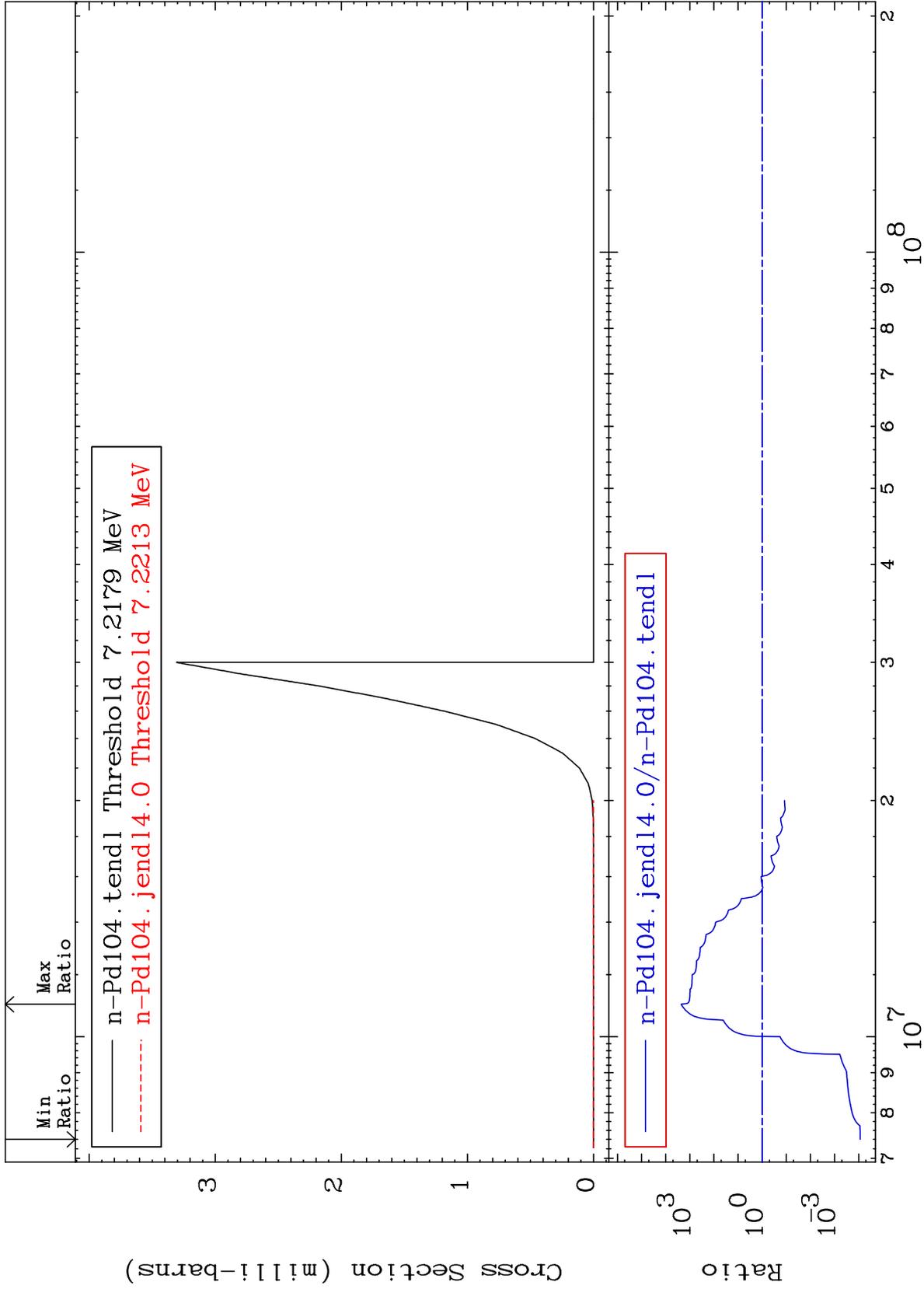
MAT 4631

(n, He-3)

46-Pd-104

Cross Section

-99.99 To 9999. %



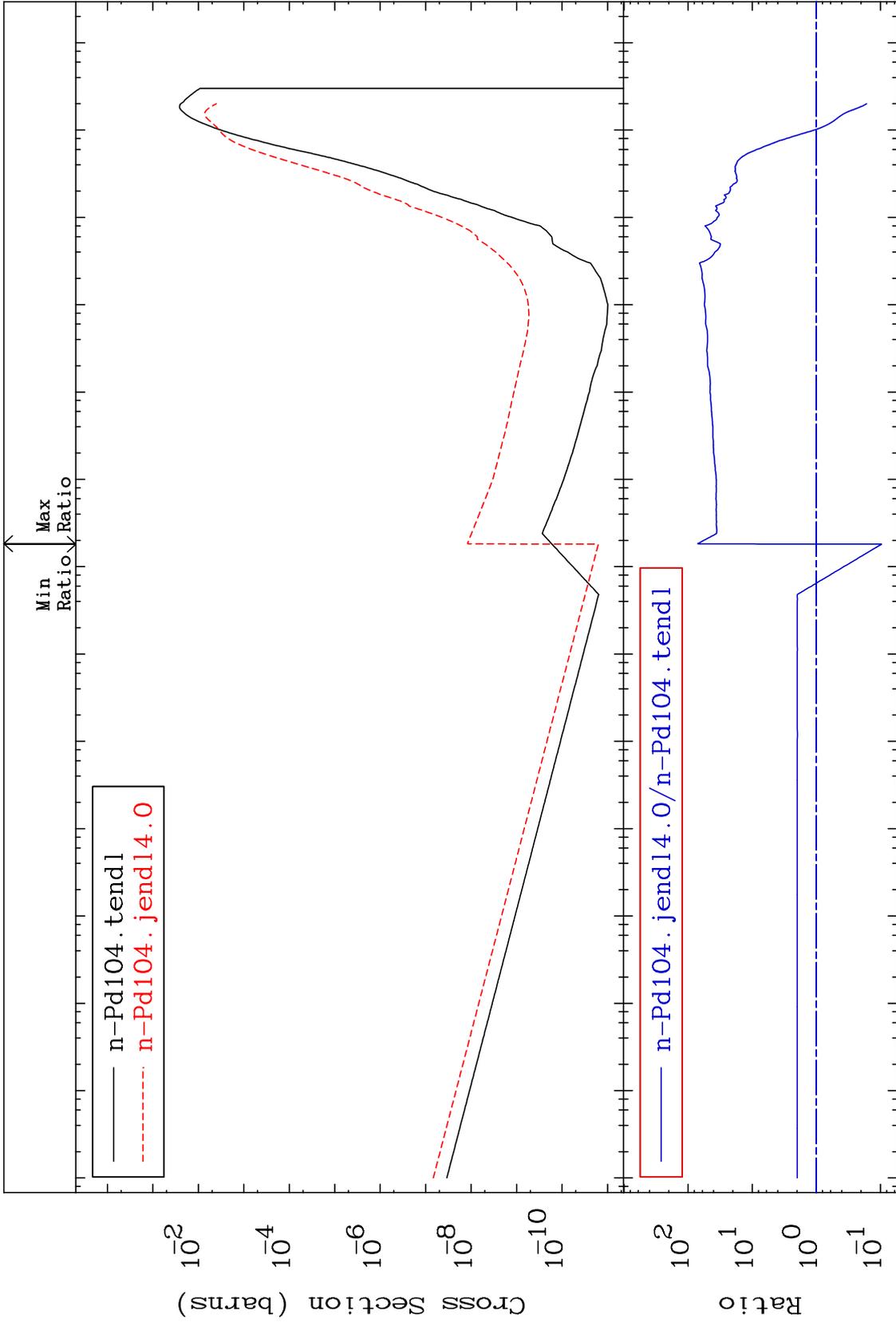
45

46-Pd-104

46-Pd-104

MAT 4631

(n, α)
Cross Section
46-Pd-104
-90.41 To 6971. %



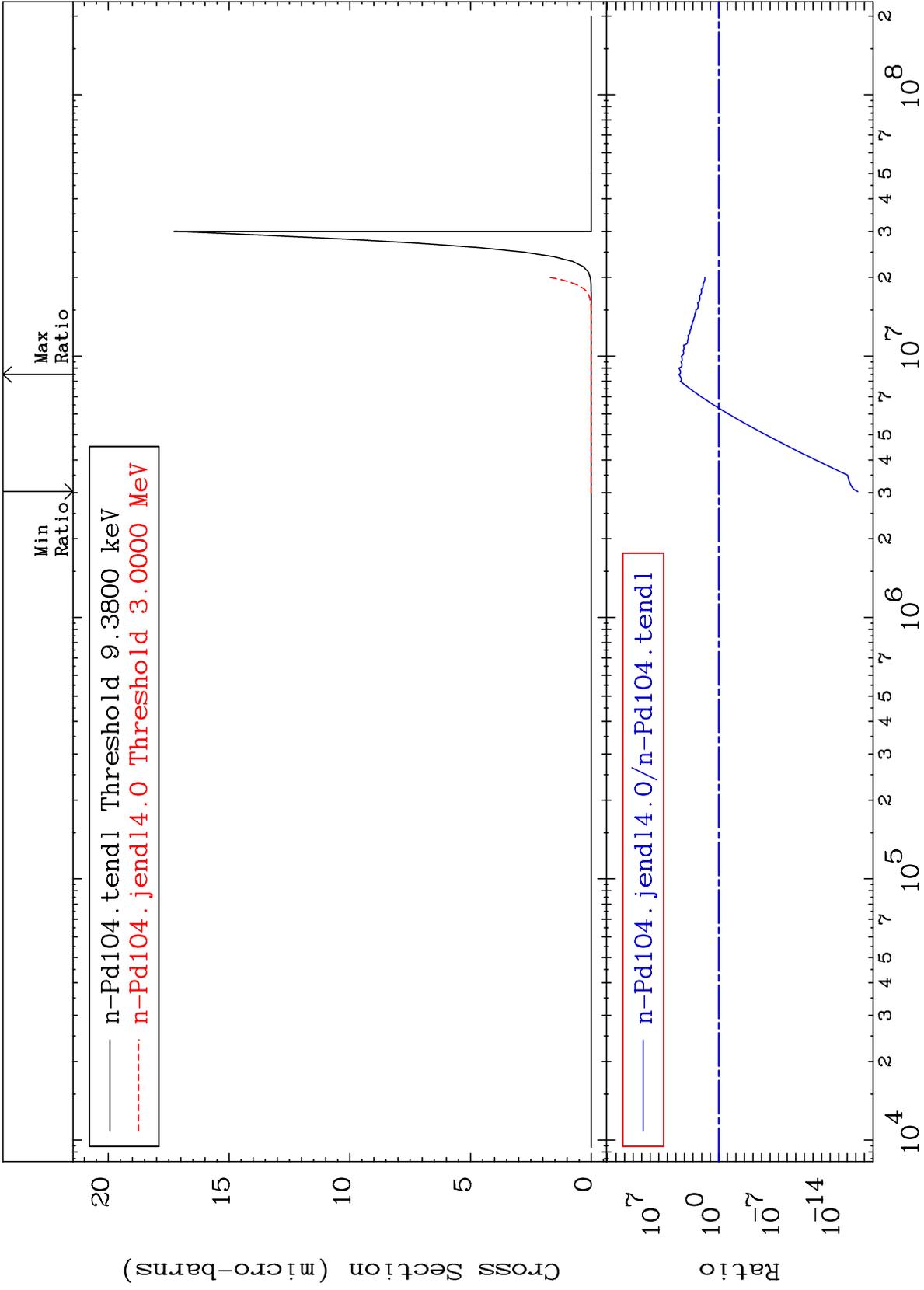
46

Incident Energy (eV)

46-Pd-104

MAT 4631

(n,2α)
Cross Section
46-Pd-104
-100.0 To 9999. %

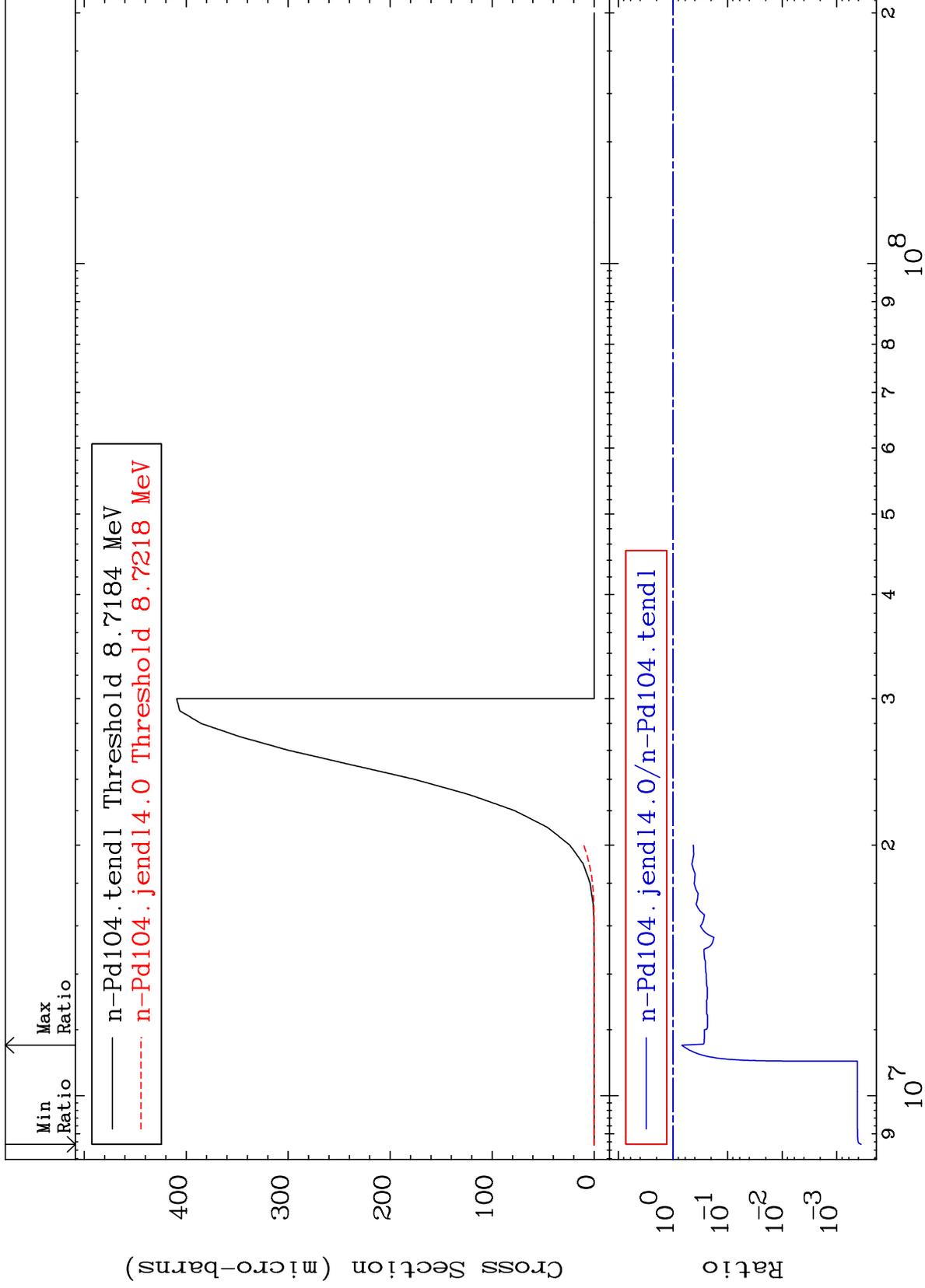


46-Pd-104

MAT 4631

(n,2p)
Cross Section

46-Pd-104
-99.96 To -31.28%



48

Incident Energy (eV)

46-Pd-104

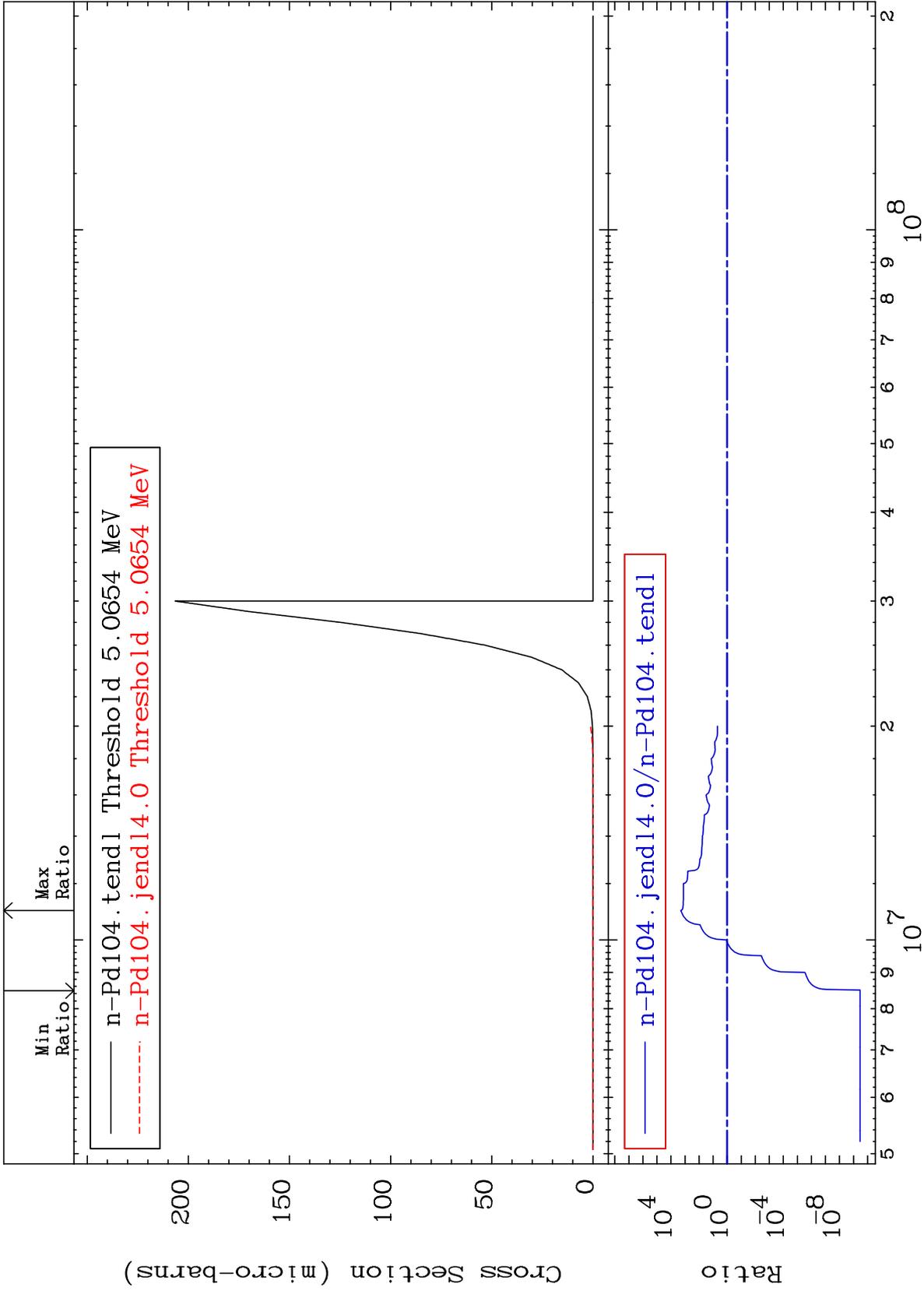
MAT 4631

(n, p) α

46-Pd-104

Cross Section

-100.0 To 9999. %



49

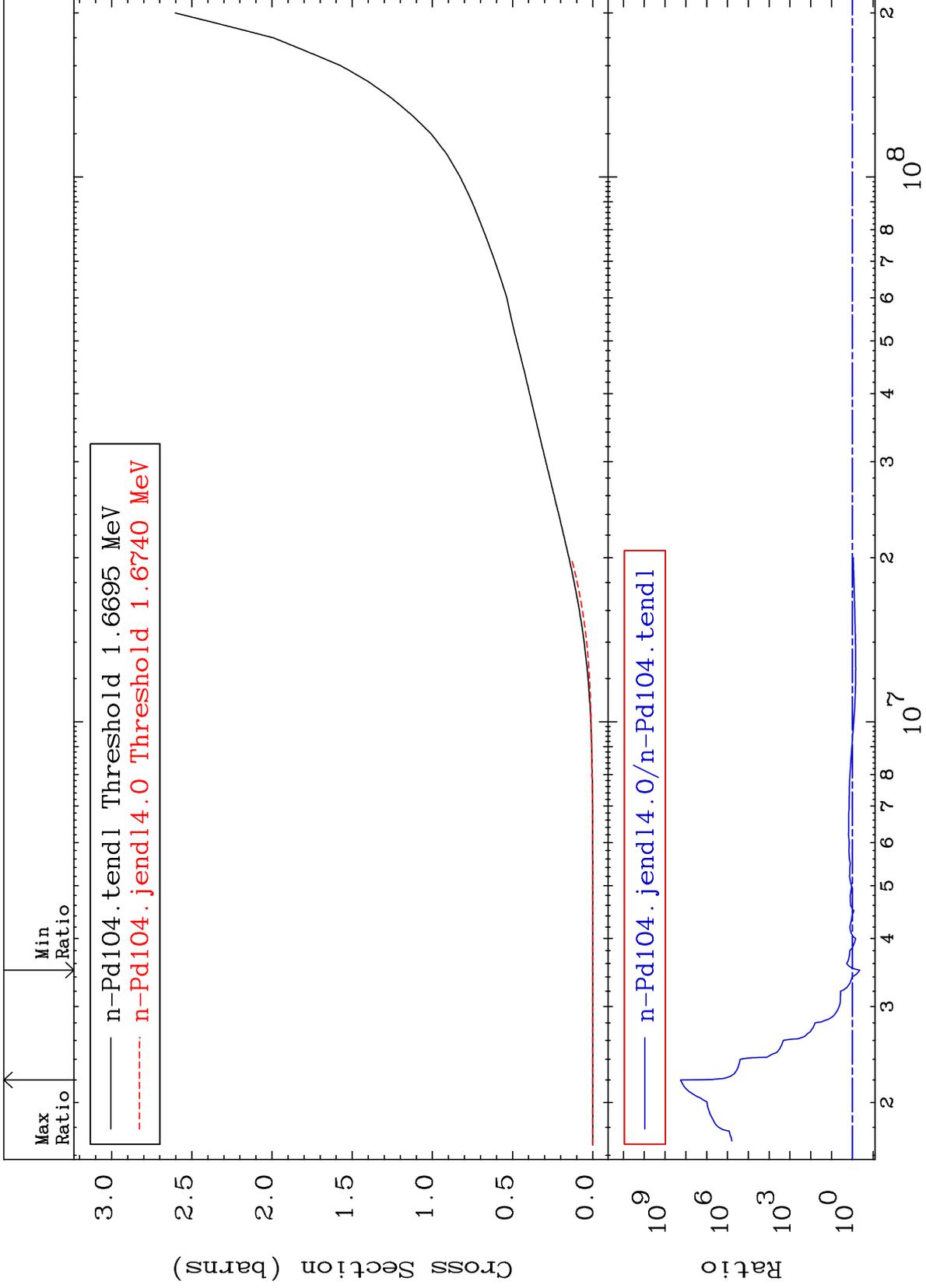
Incident Energy (eV)

46-Pd-104

MAT 4631

Hydrogen Production Cross Section

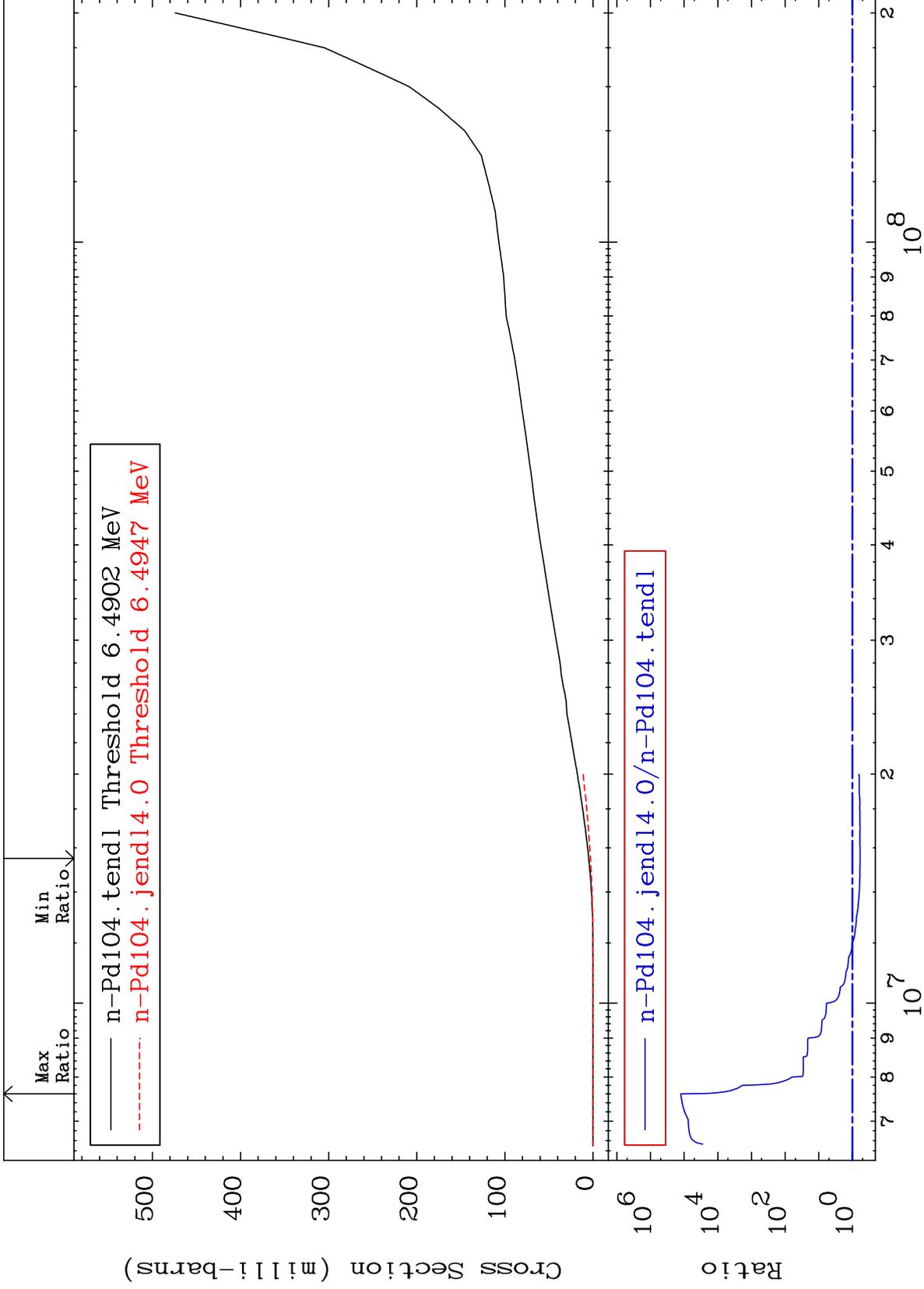
46-Pd-104
-56.04 To 9999. %



MAT 4631

Deuterium Production Cross Section

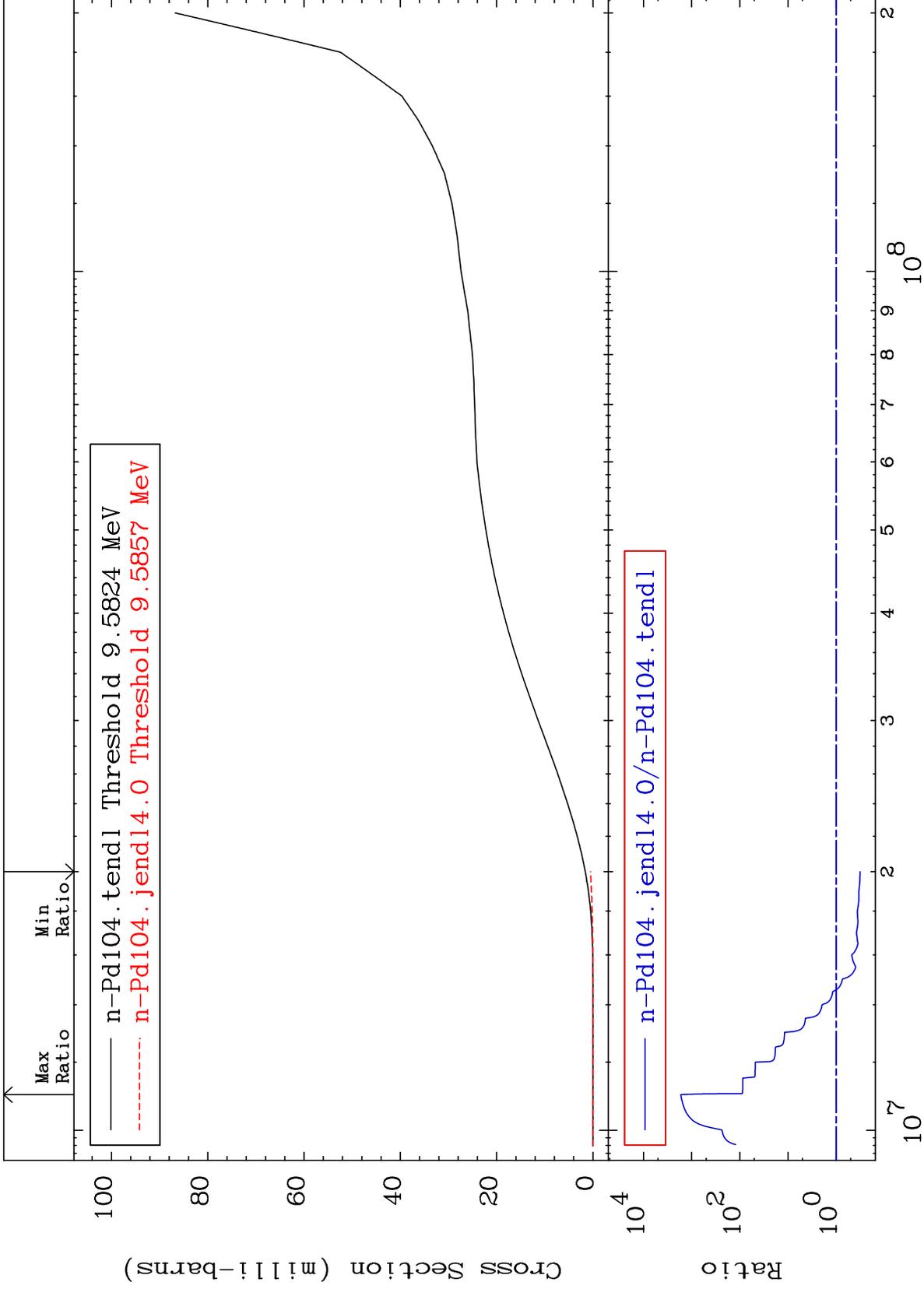
46-Pd-104
-40.68 To 9999. %



MAT 4631

Tritium Production
Cross Section

46-Pd-104
-68.15 To 9999. %



52

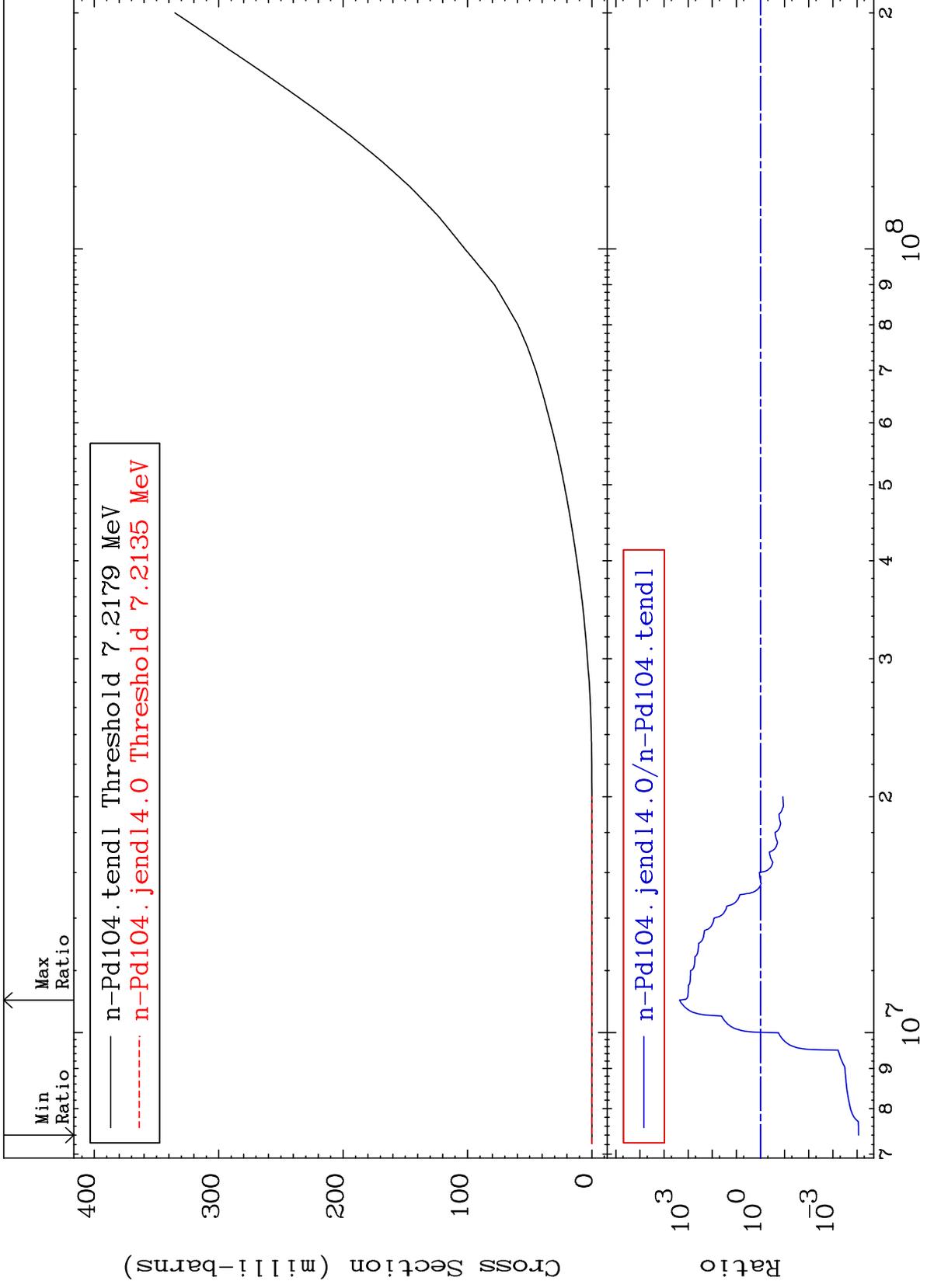
Incident Energy (eV)

46-Pd-104

MAT 4631

He-3 Production
Cross Section

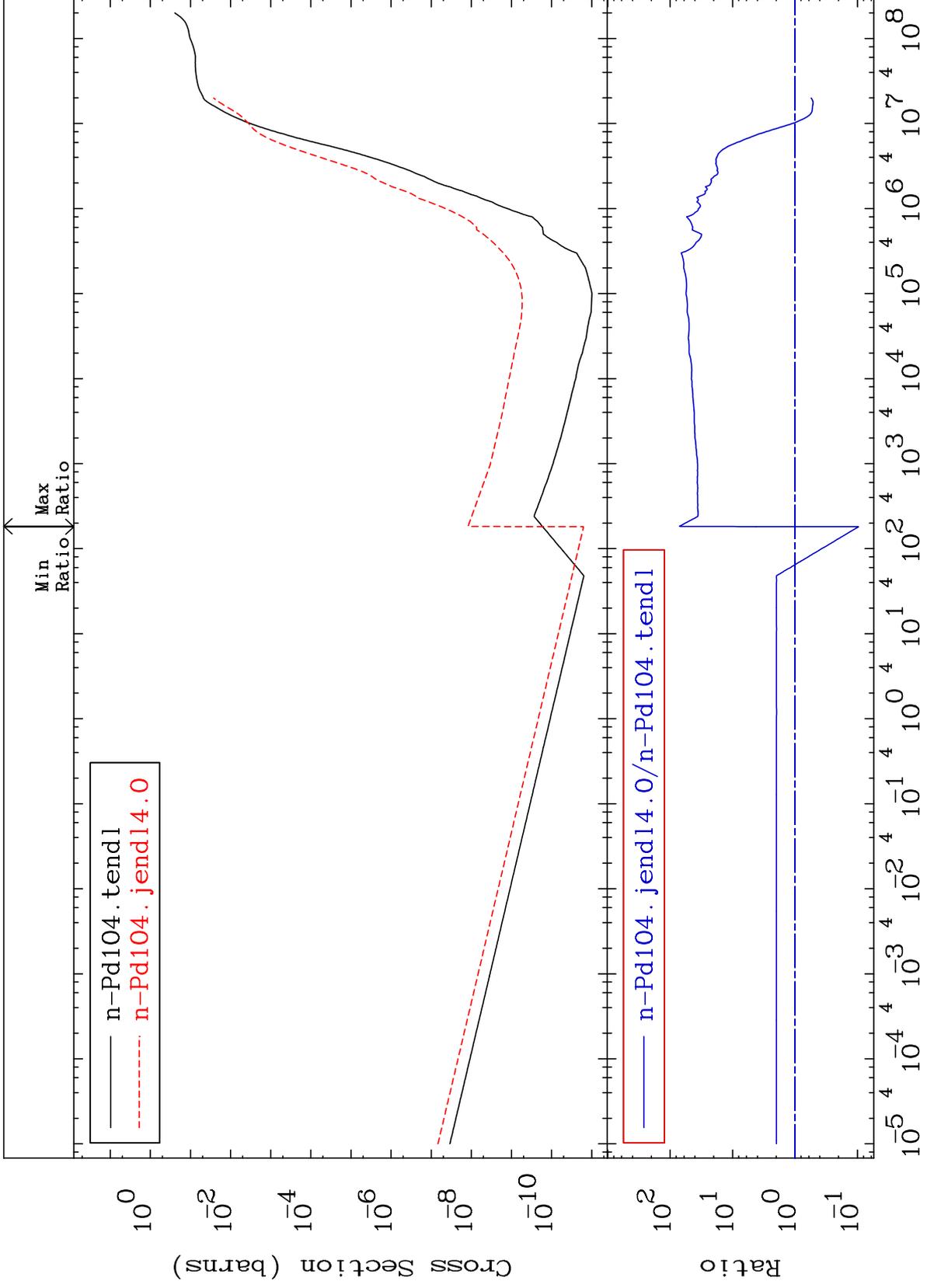
46-Pd-104
-99.99 To 9999. %



MAT 4631

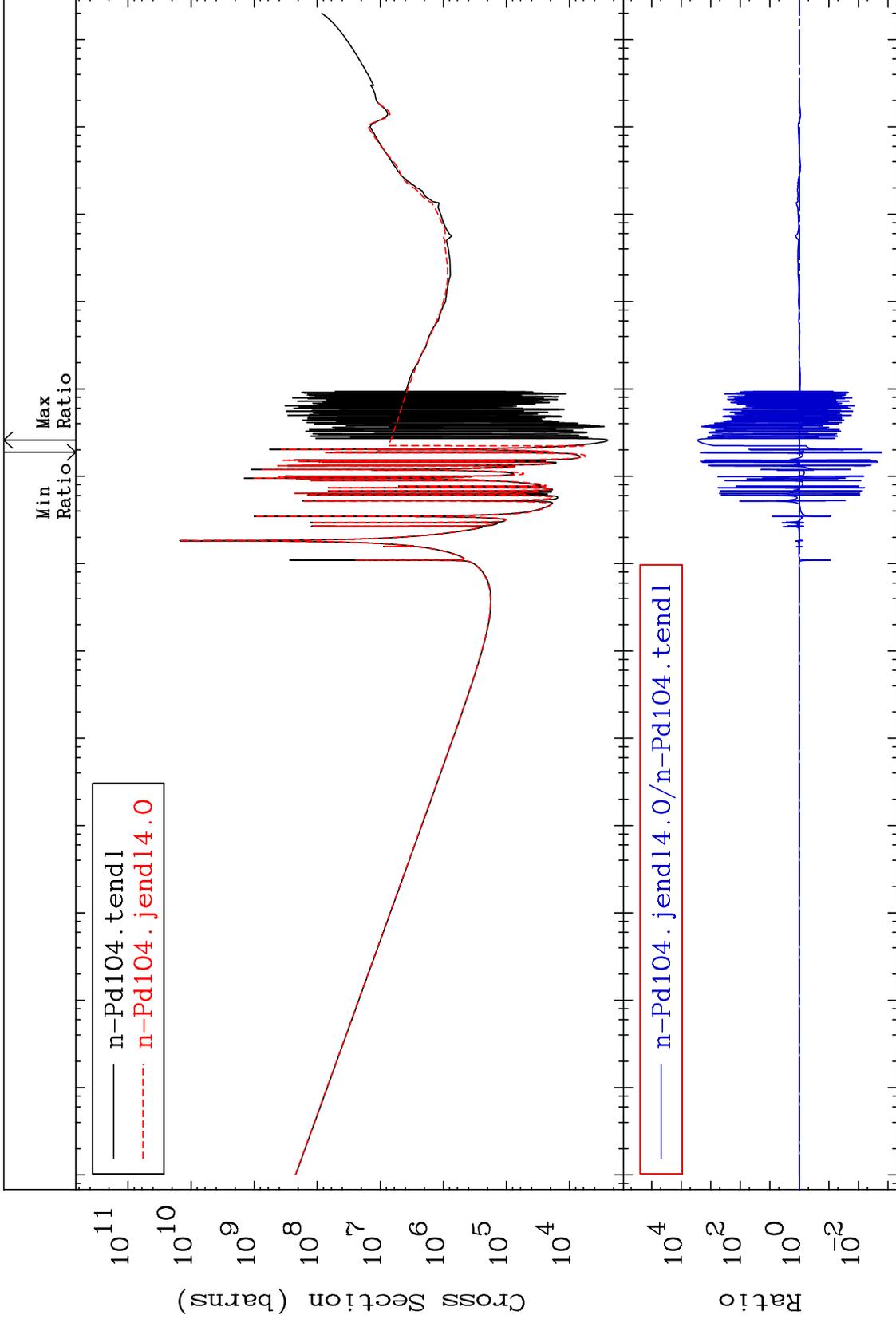
He-4 Production
Cross Section

46-Pd-104
-90.41 To 6971. %



Cross Section

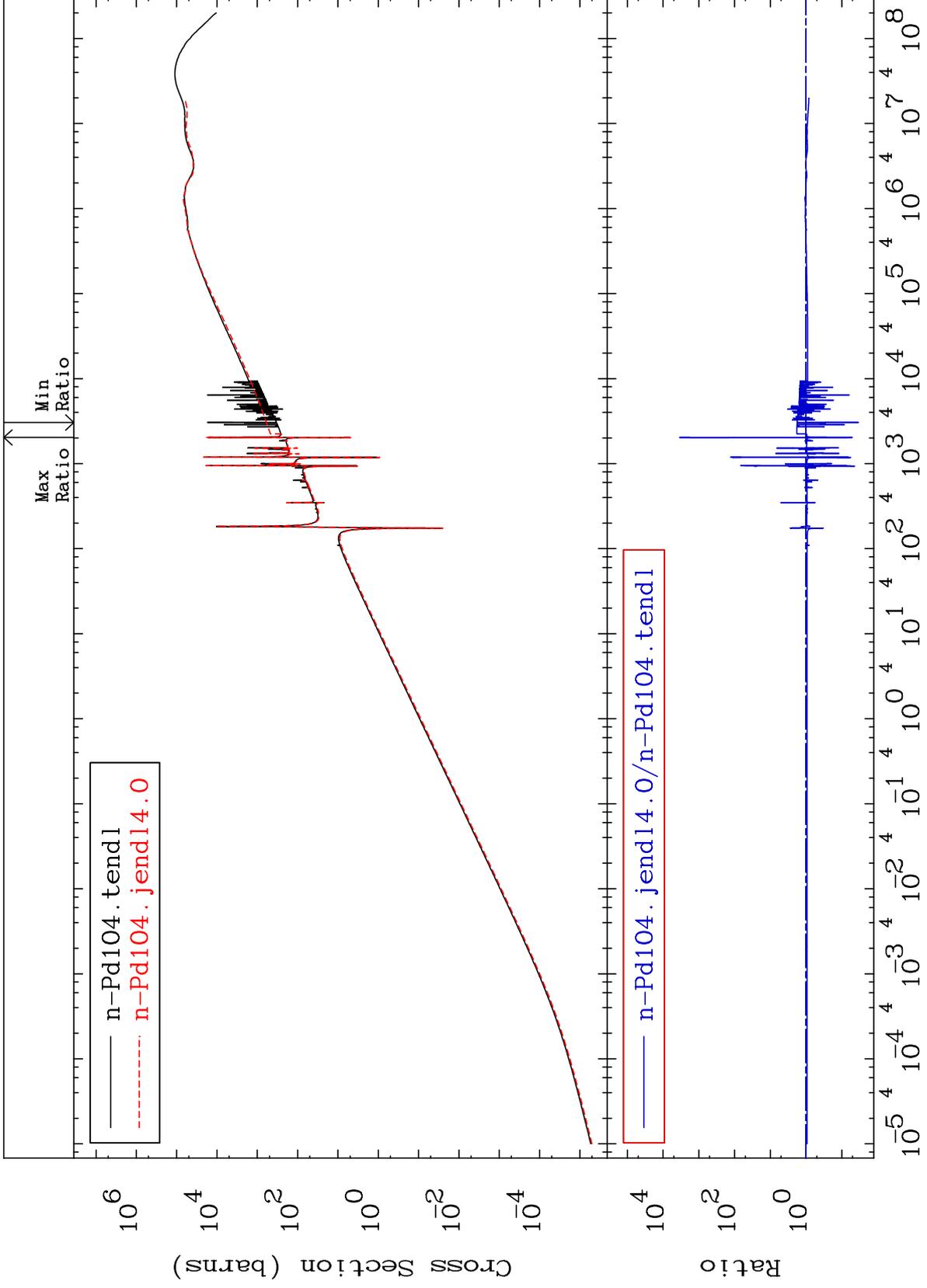
-99.83 To 9999. %

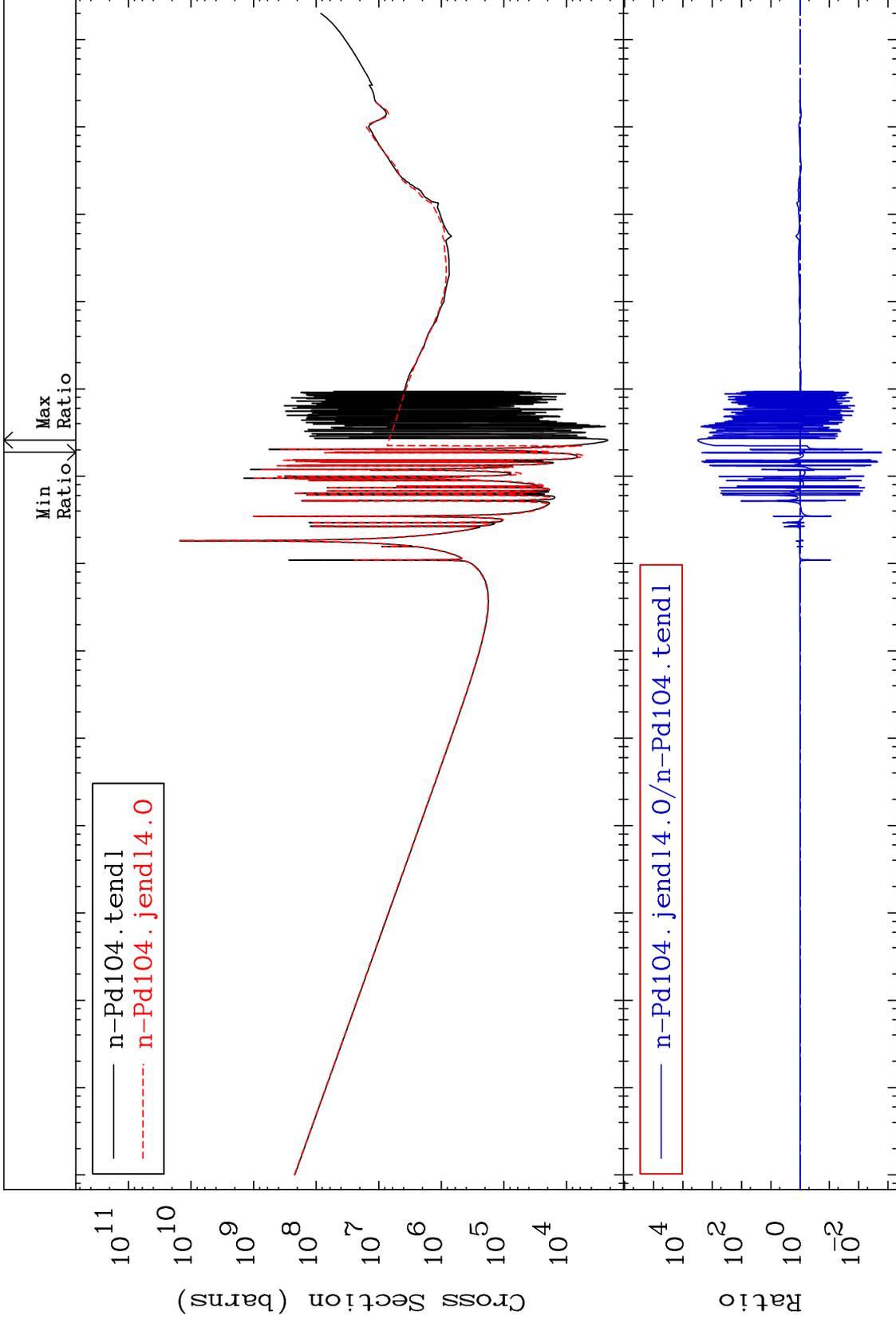


MAT 4631

Kerma elastic
Cross Section

46-Pd-104
-96.60 To 9999. %

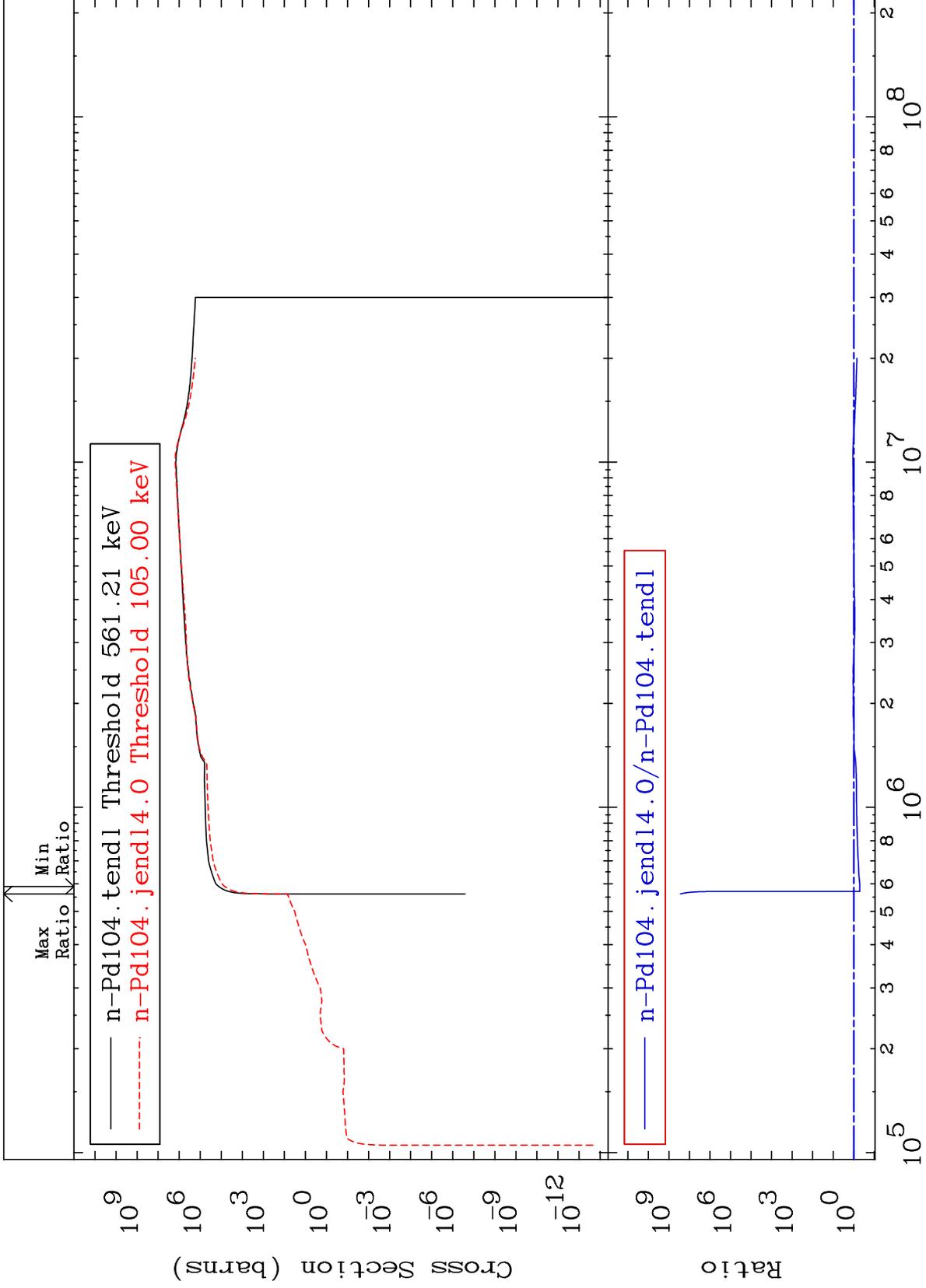




MAT 4631

Kerma inelastic (mt51-91)
Cross Section

46-Pd-104
-49.36 To 9999. %



58

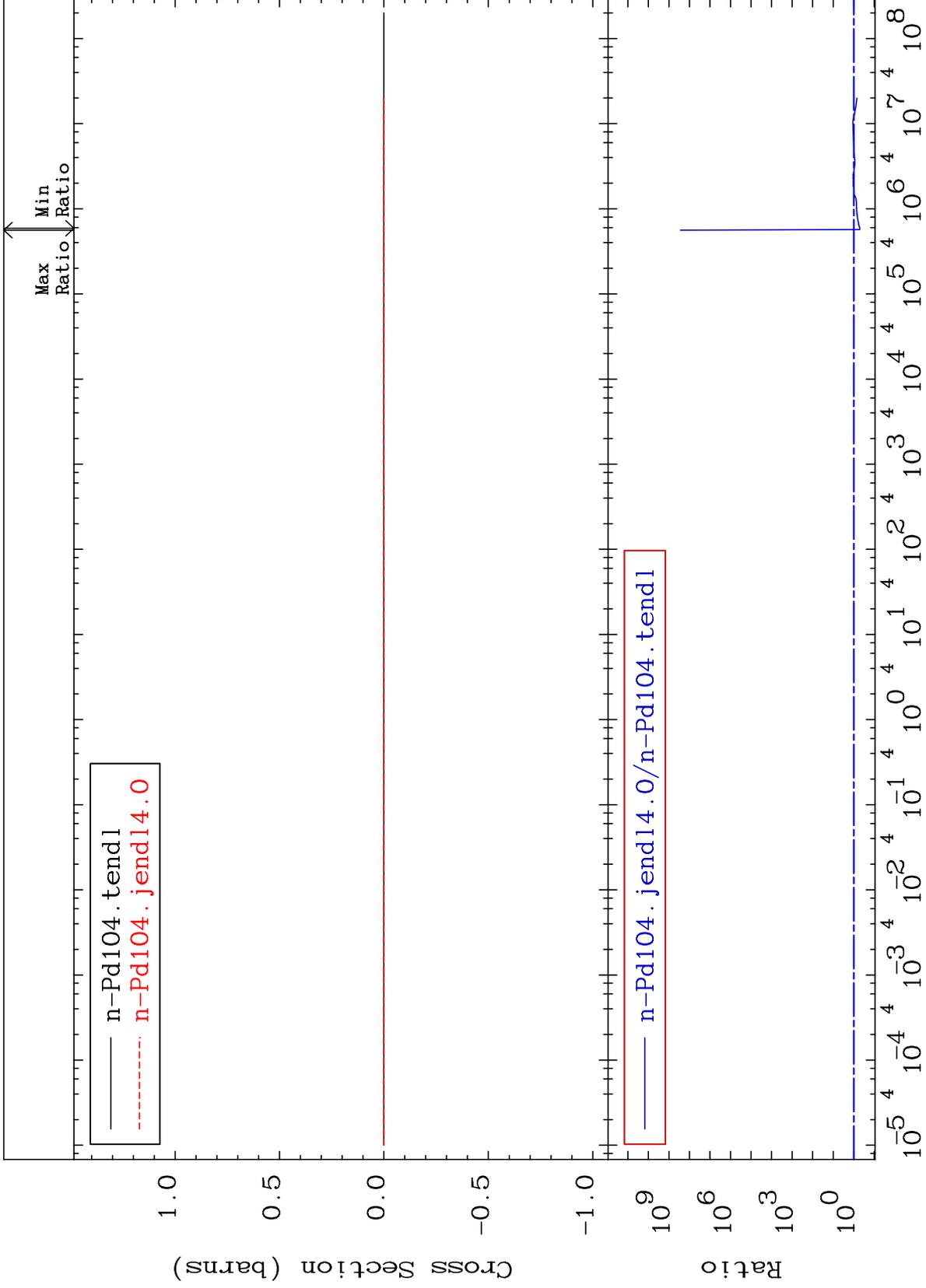
Incident Energy (eV)

46-Pd-104

MAT 4631

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

46-Pd-104
-49.36 To 9999. %



59

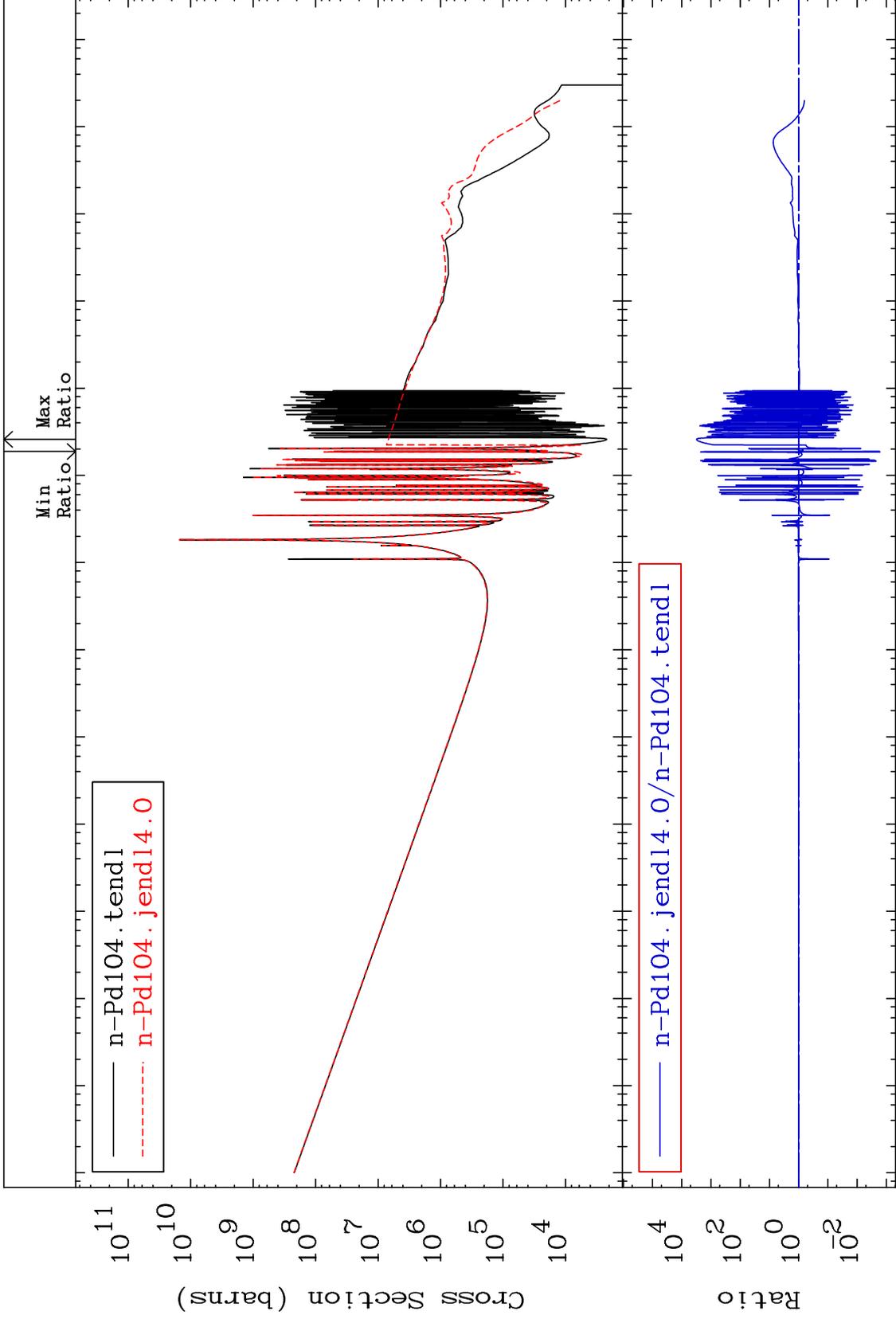
Incident Energy (eV)

46-Pd-104

MAT 4631

Kerma capture (mt102)
Cross Section

46-Pd-104
-99.84 To 9999. %



60

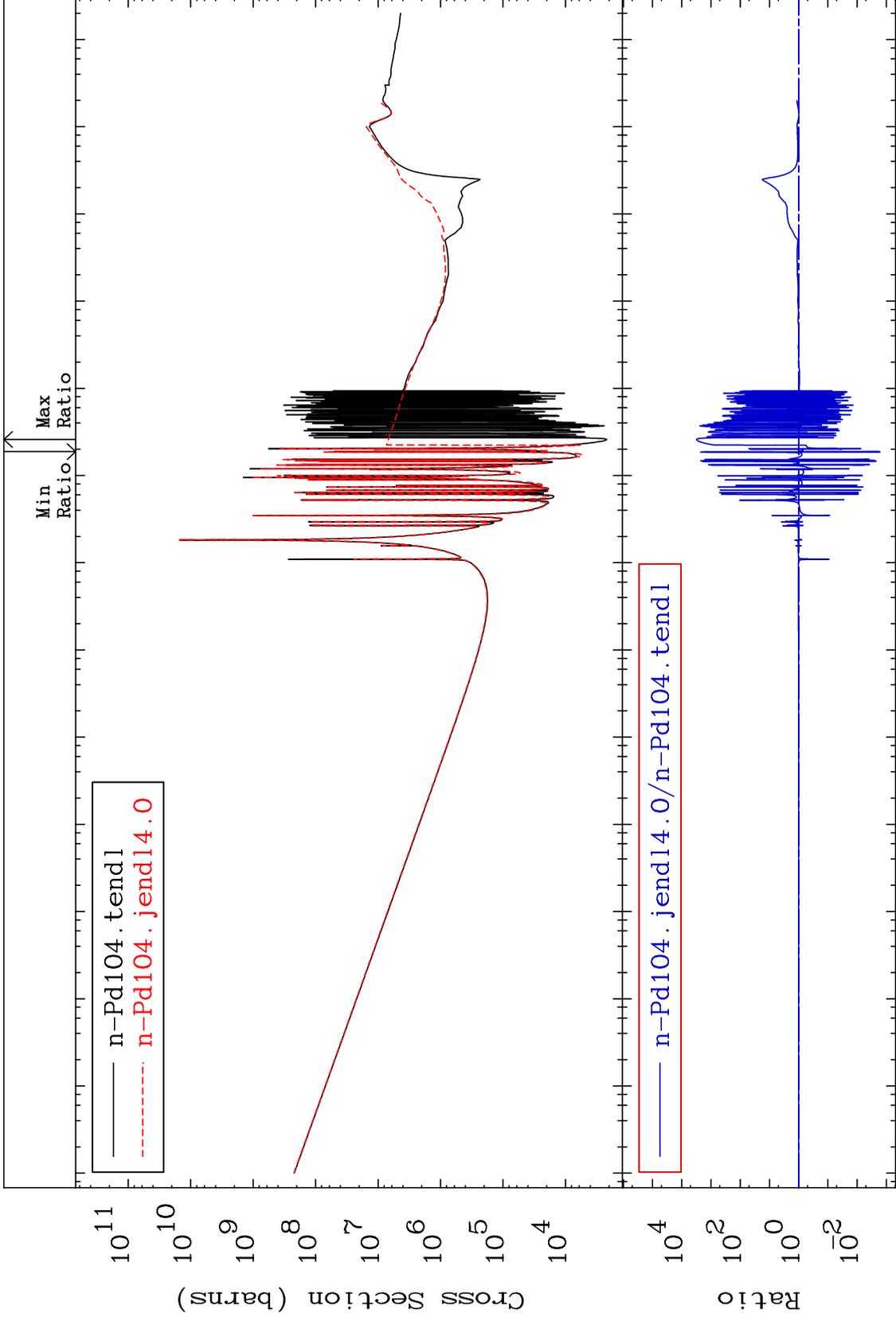
Incident Energy (eV)

46-Pd-104

MAT 4631

Total photon (eV-barns)
Cross Section

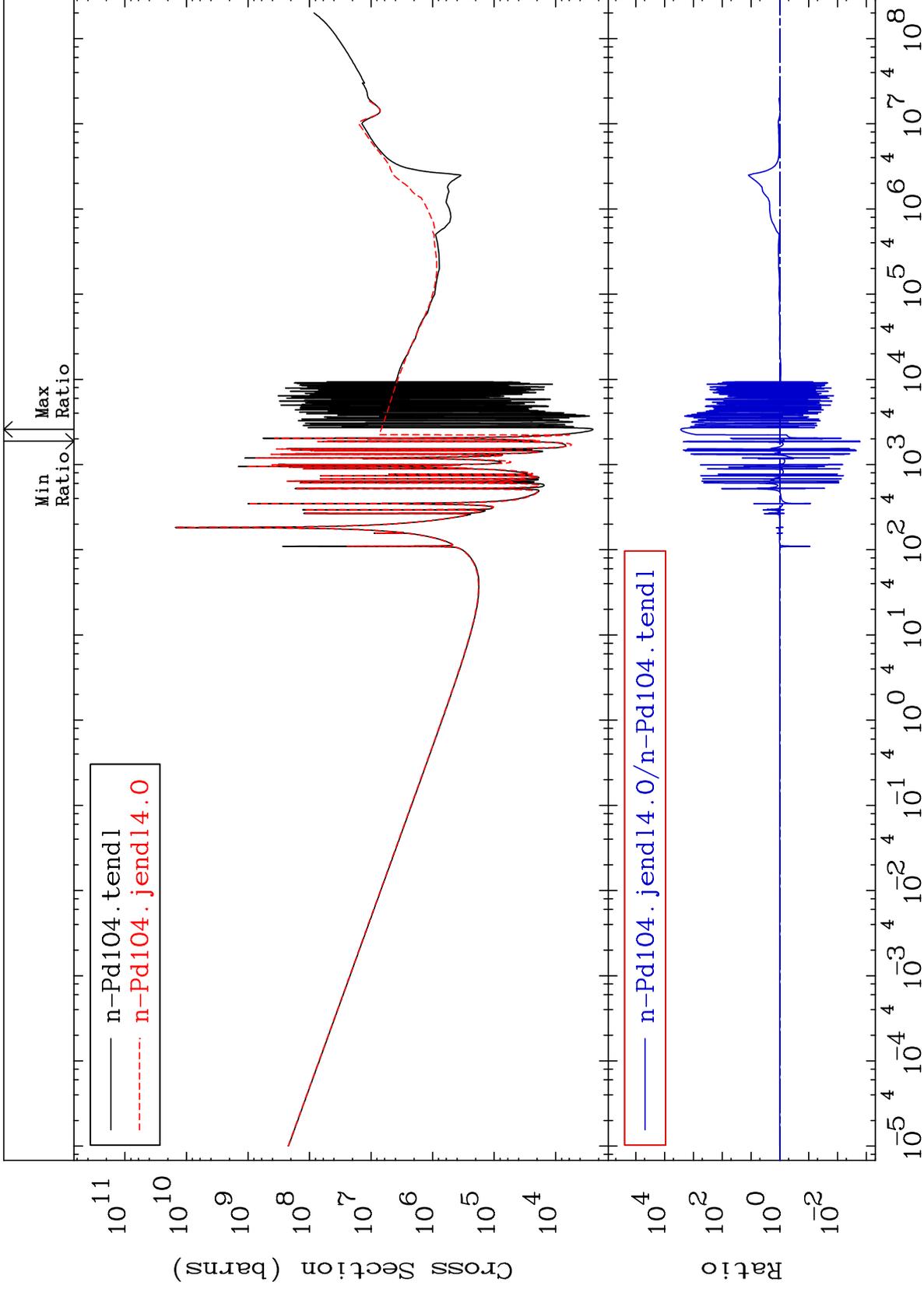
46-Pd-104
-99.84 To 9999. %



61

Incident Energy (eV)

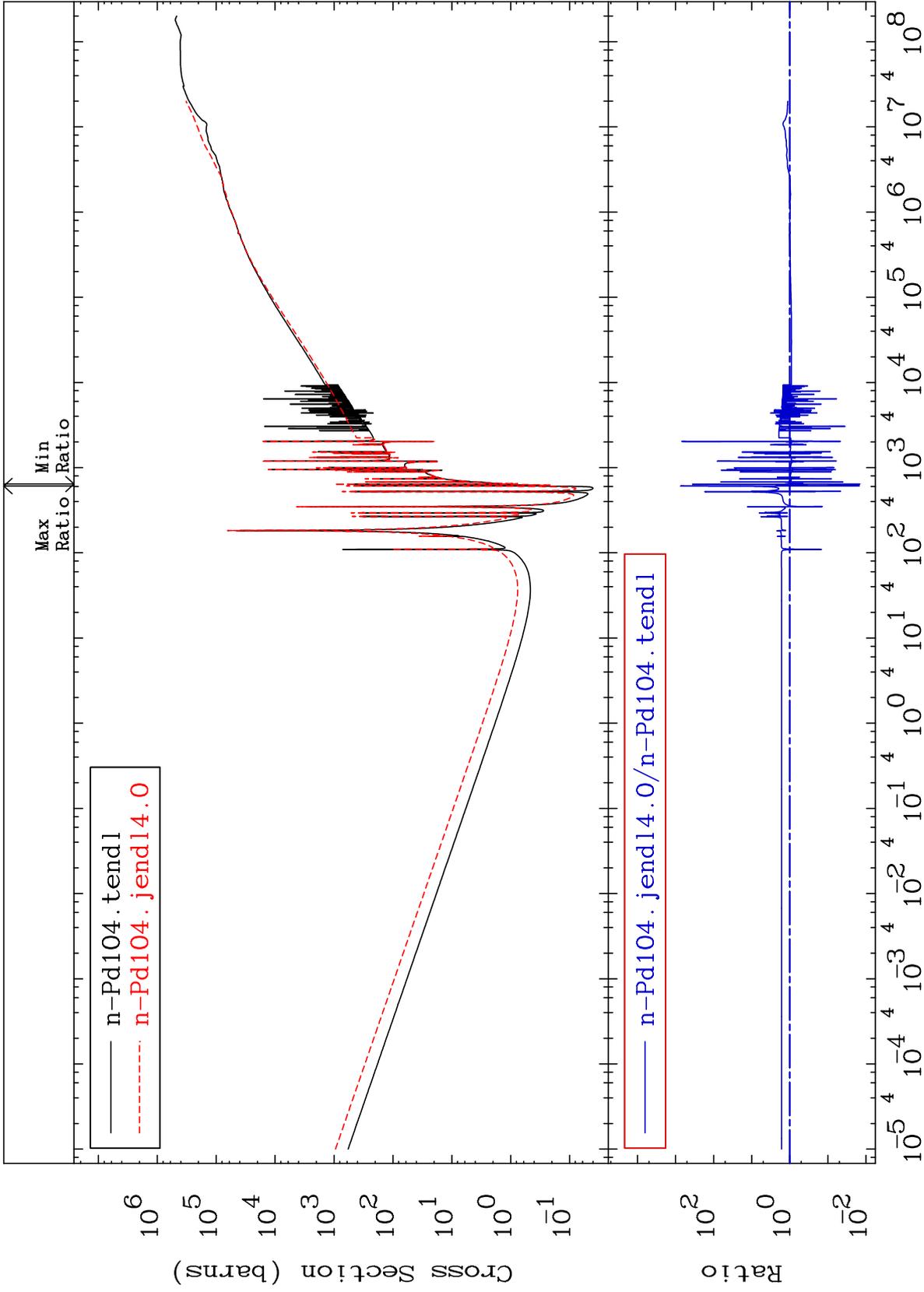
46-Pd-104



MAT 4631

Dpa total (eV-barns)
Cross Section

46-Pd-104
-98.57 To 9999. %



63

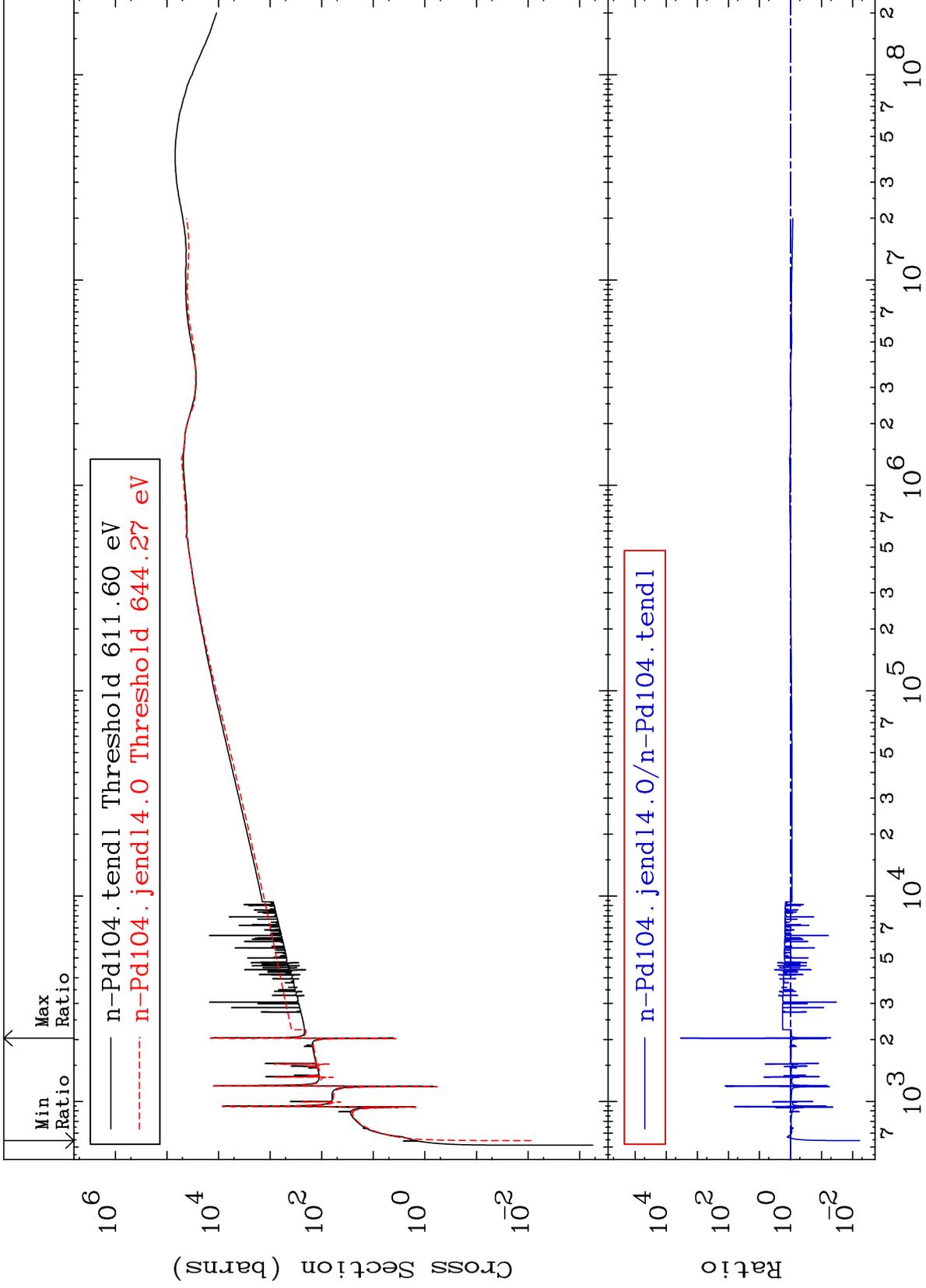
Incident Energy (eV)

46-Pd-104

MAT 4631

Dpa elastic (mt2)
Cross Section

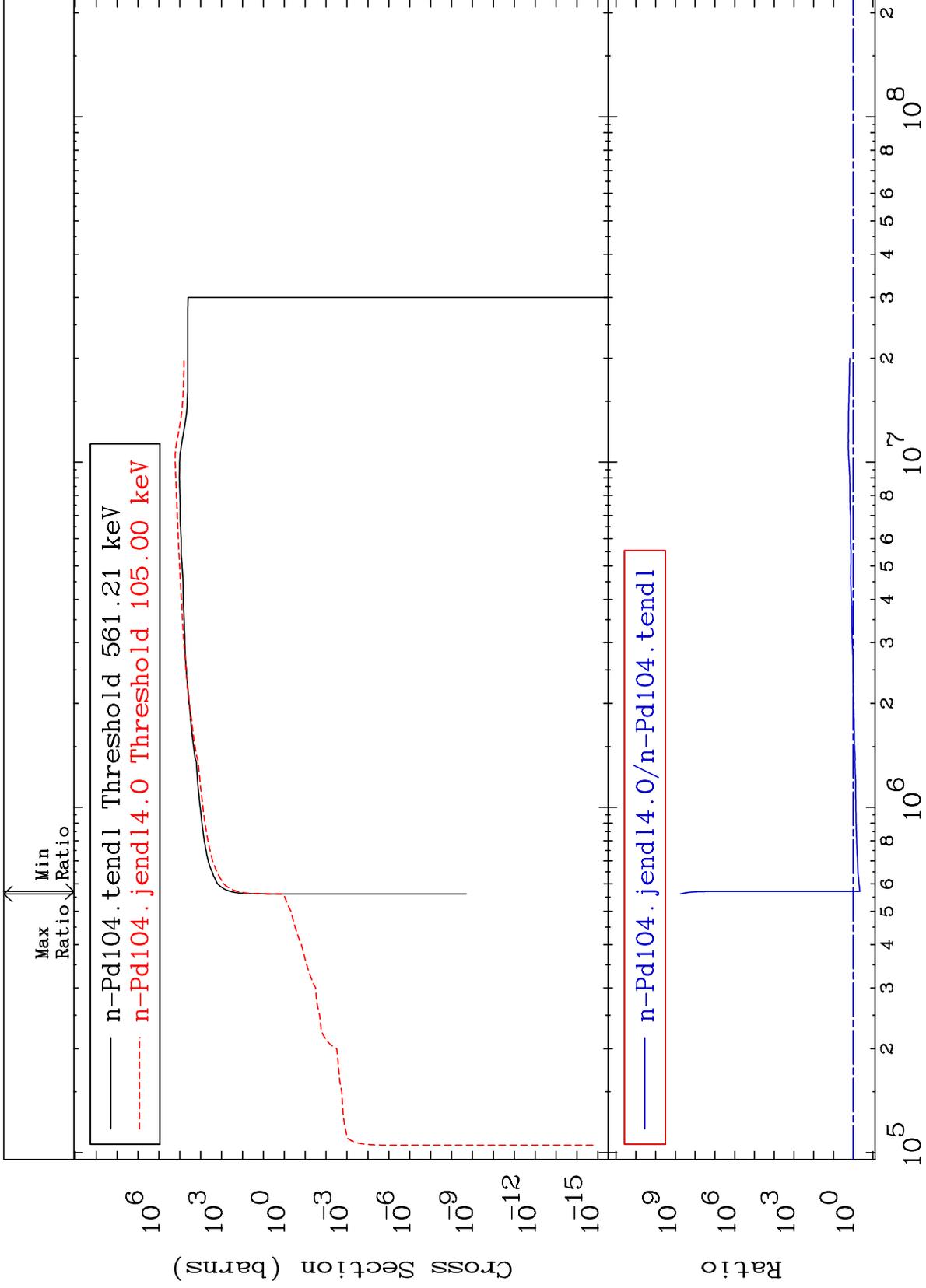
46-Pd-104
-99.41 To 9999. %



MAT 4631

Dpa inelastic (mt51-91)
Cross Section

46-Pd-104
-53.45 To 9999. %



65

46-Pd-104

46-Pd-104

