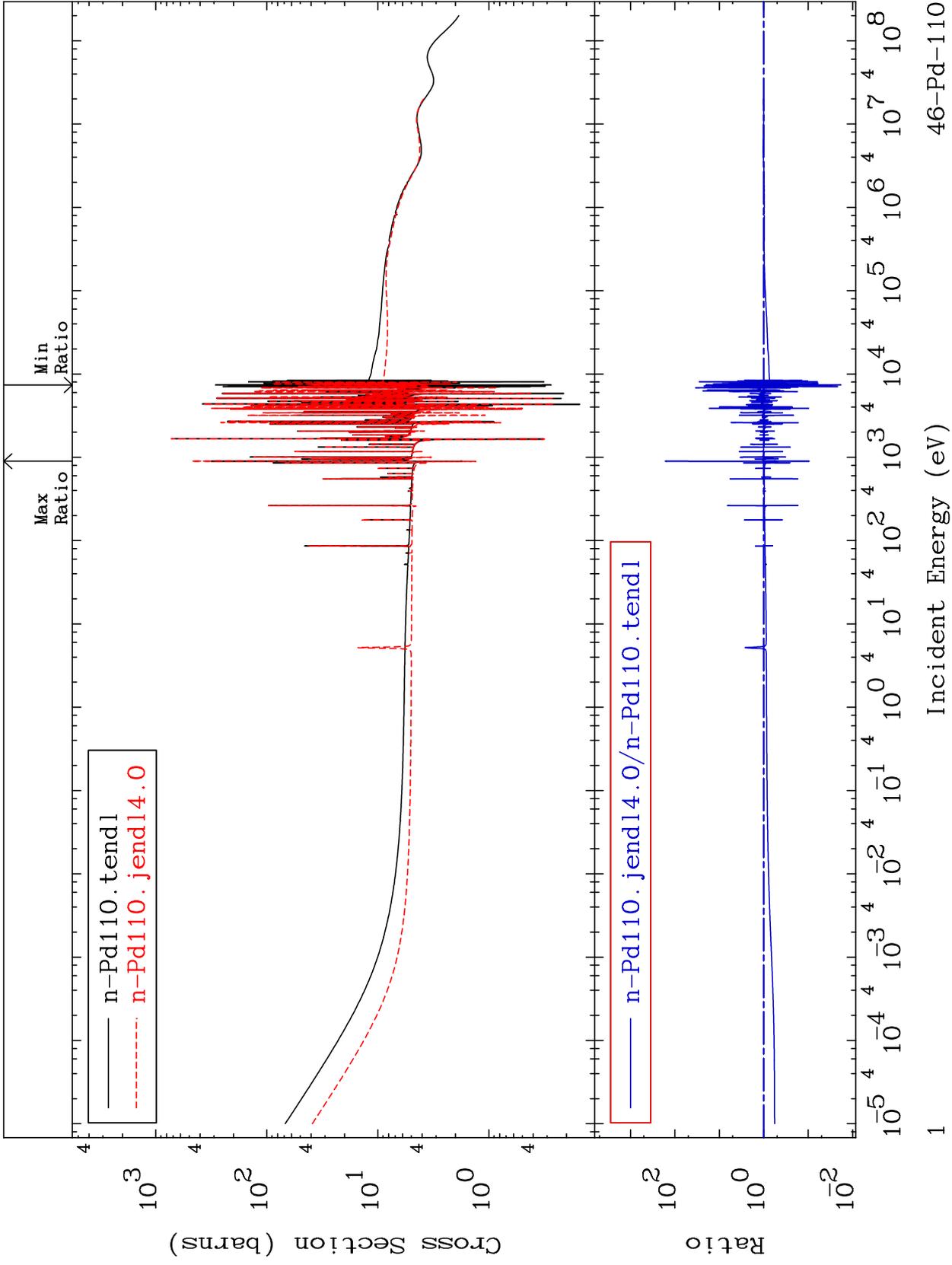


MAT 4649

Total Cross Section  
46-Pd-110  
-98.16 To 9999. %



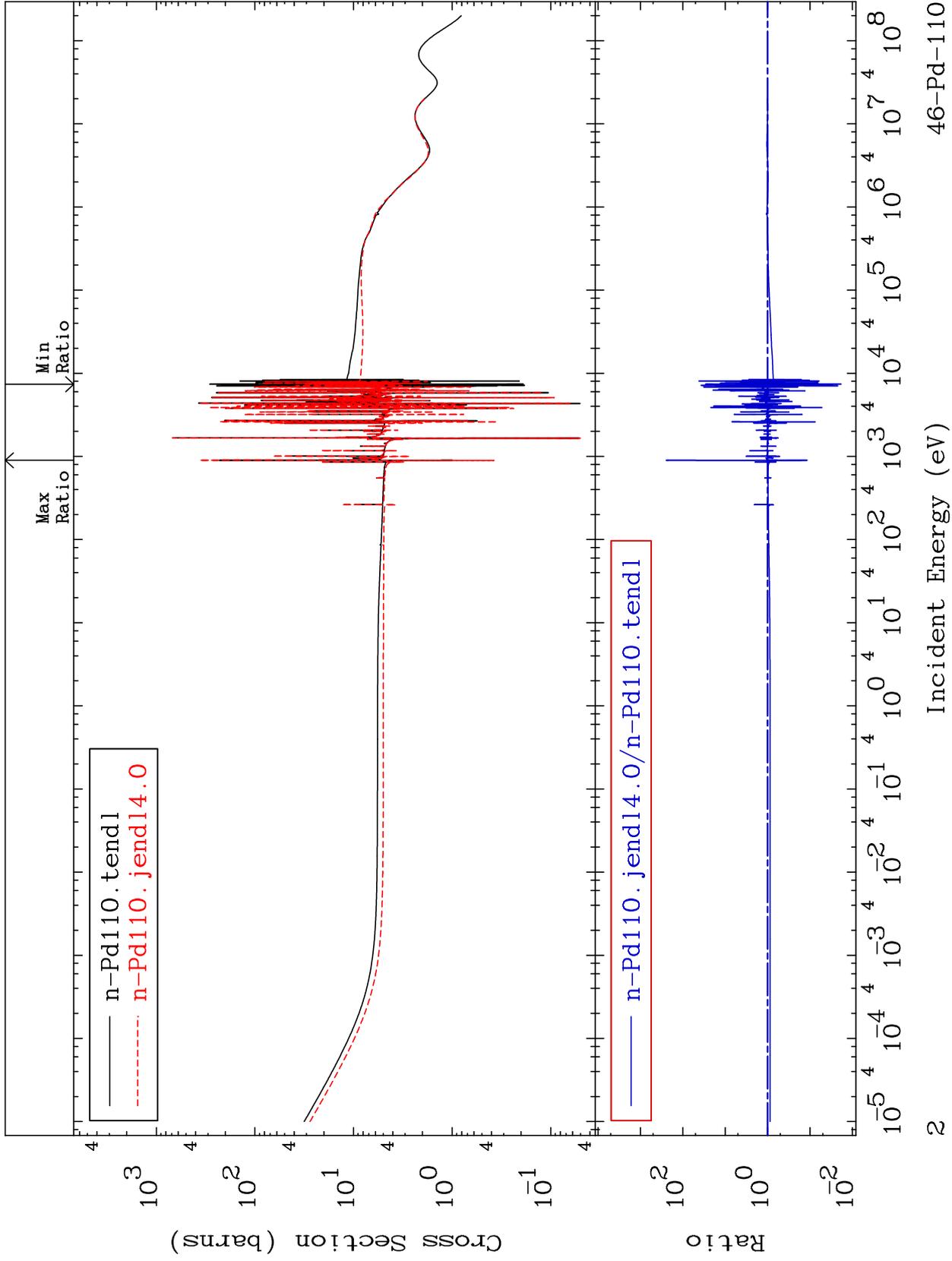
MAT 4649

Elastic

Cross Section

46-Pd-110

-98.14 To 9999. %



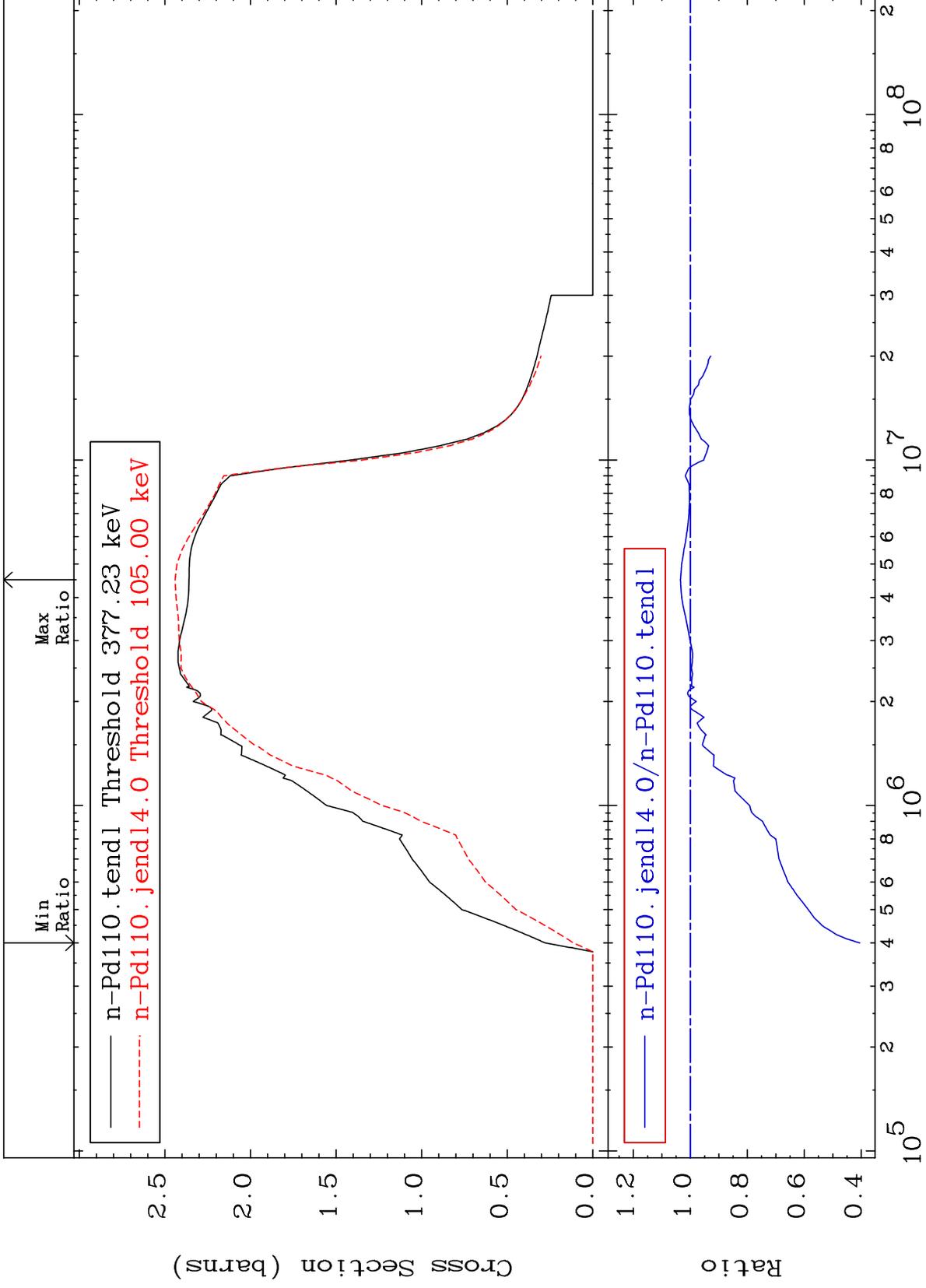
Incident Energy (eV)

46-Pd-110

MAT 4649

Inelastic  
Cross Section

46-Pd-110  
-59.48 To 3.451 %



3

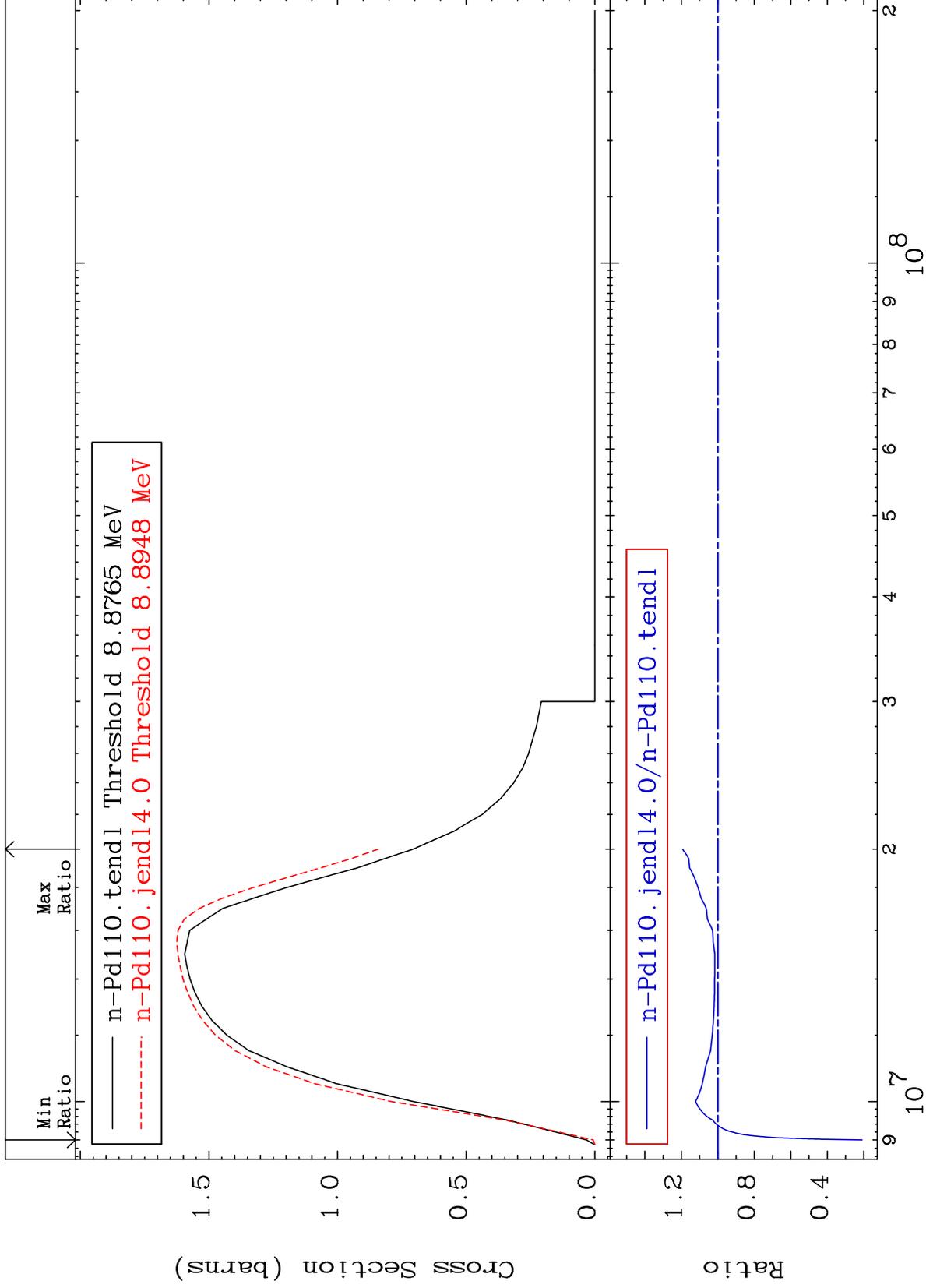
46-Pd-110

46-Pd-110

MAT 4649

(n,2n)  
Cross Section

46-Pd-110  
-79.03 To 19.27 %



4

Incident Energy (eV)

46-Pd-110

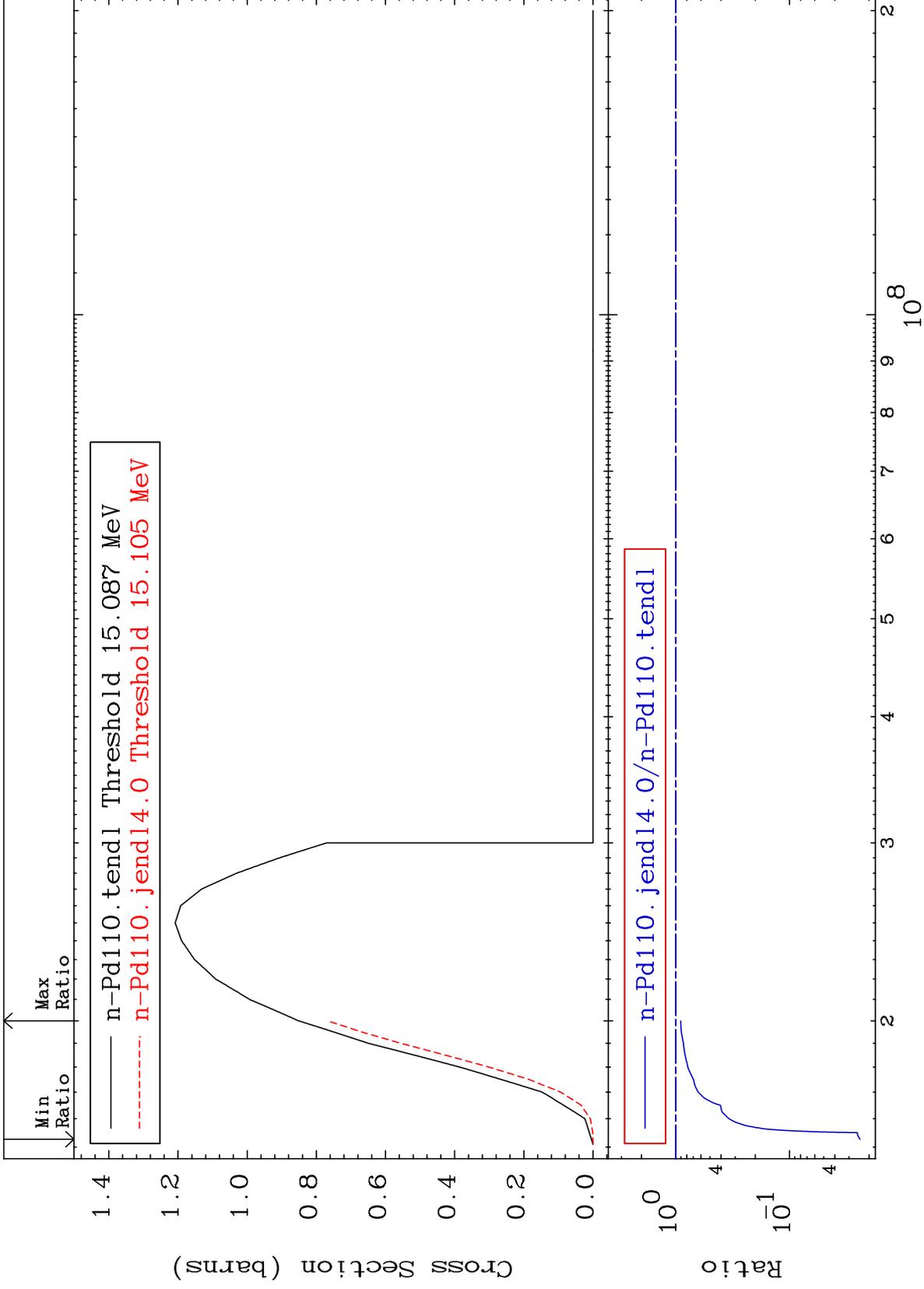
MAT 4649

(n,3n)

46-Pd-110

Cross Section

-97.60 To -9.784%



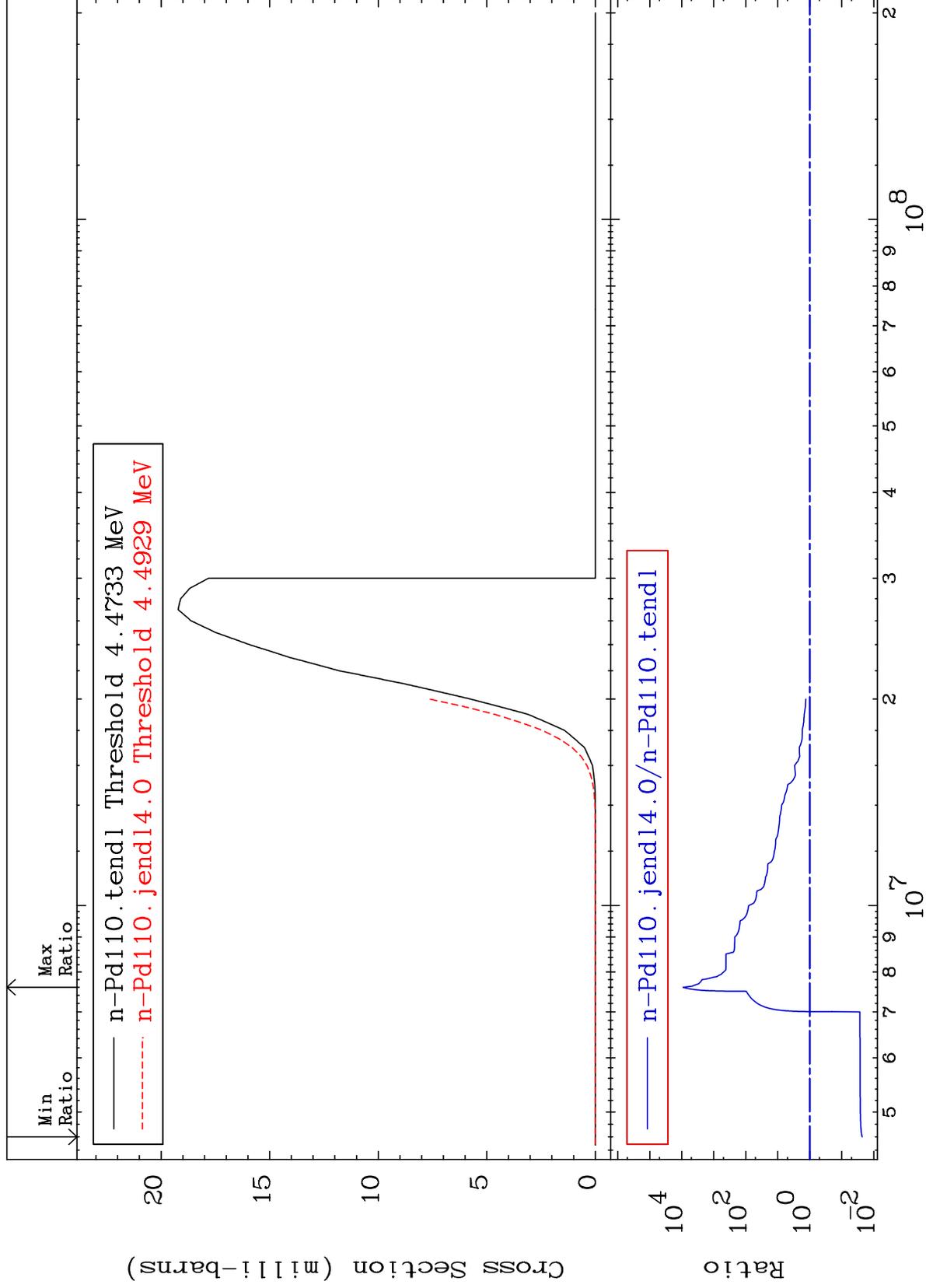
MAT 4649

(n, n')  $\alpha$

46-Pd-110

Cross Section

-97.69 To 9999. %



6

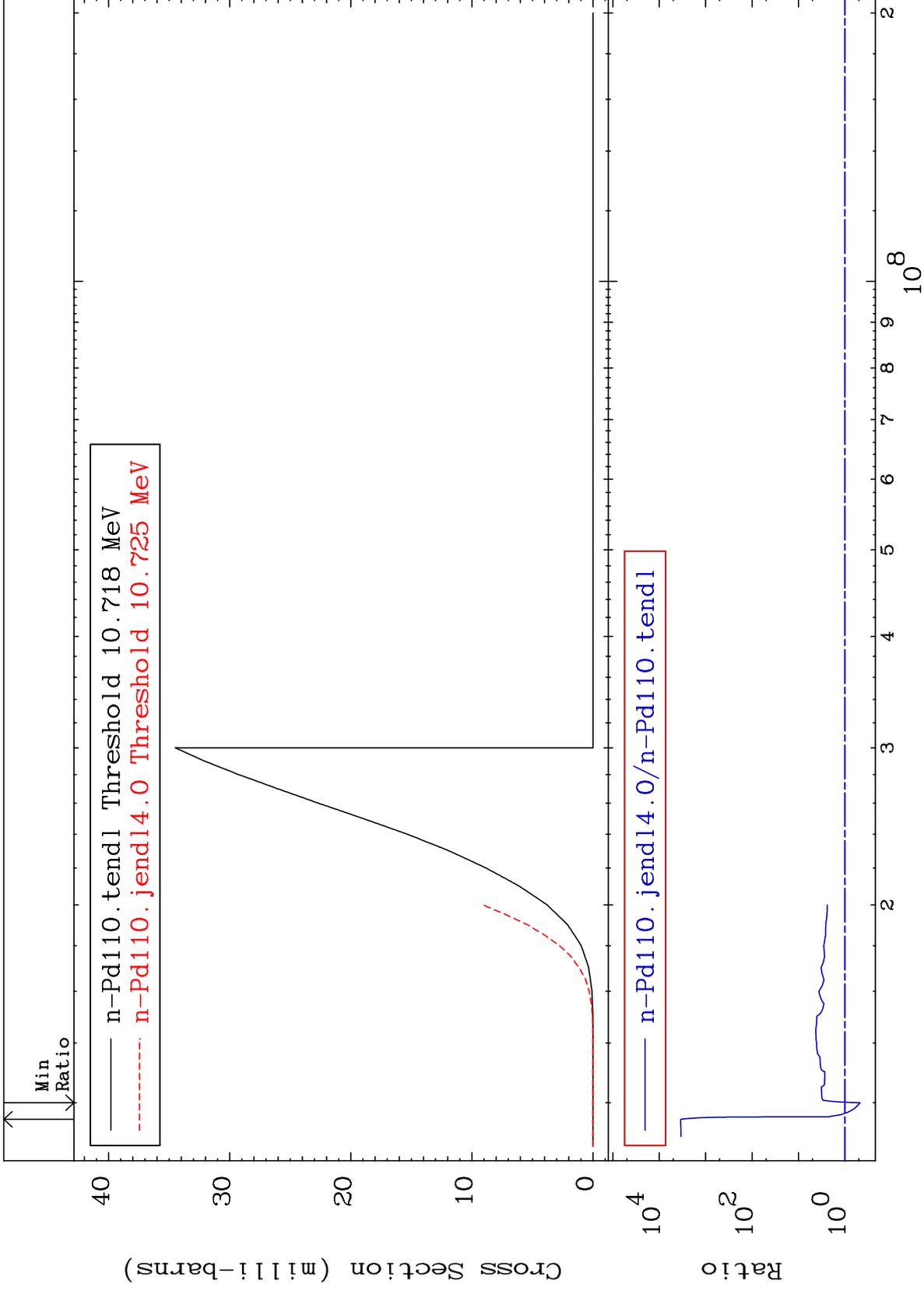
Incident Energy (eV)

46-Pd-110

MAT 4649

(n,n') p  
Cross Section

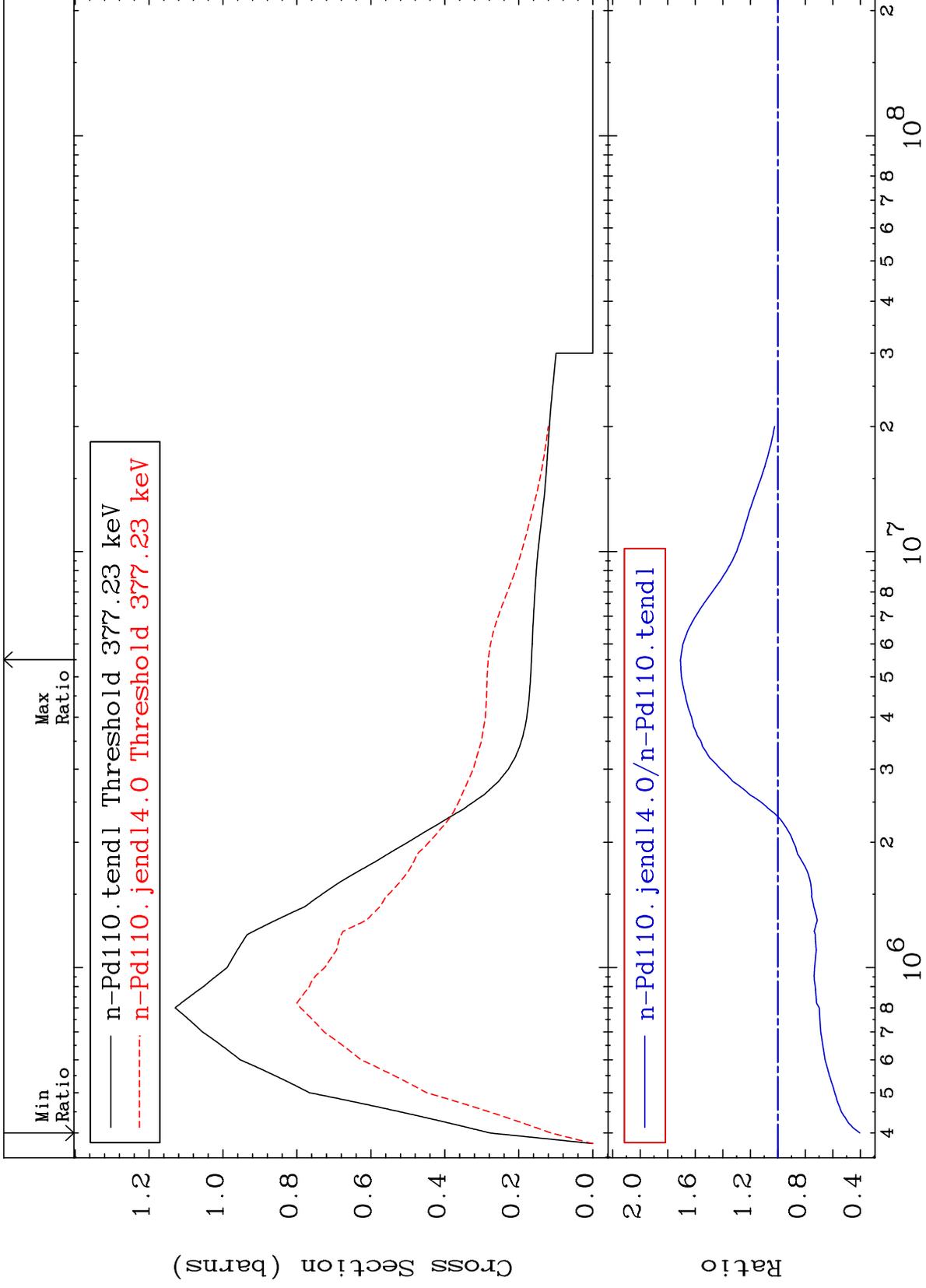
46-Pd-110  
-52.91 To 9999. %



MAT 4649

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

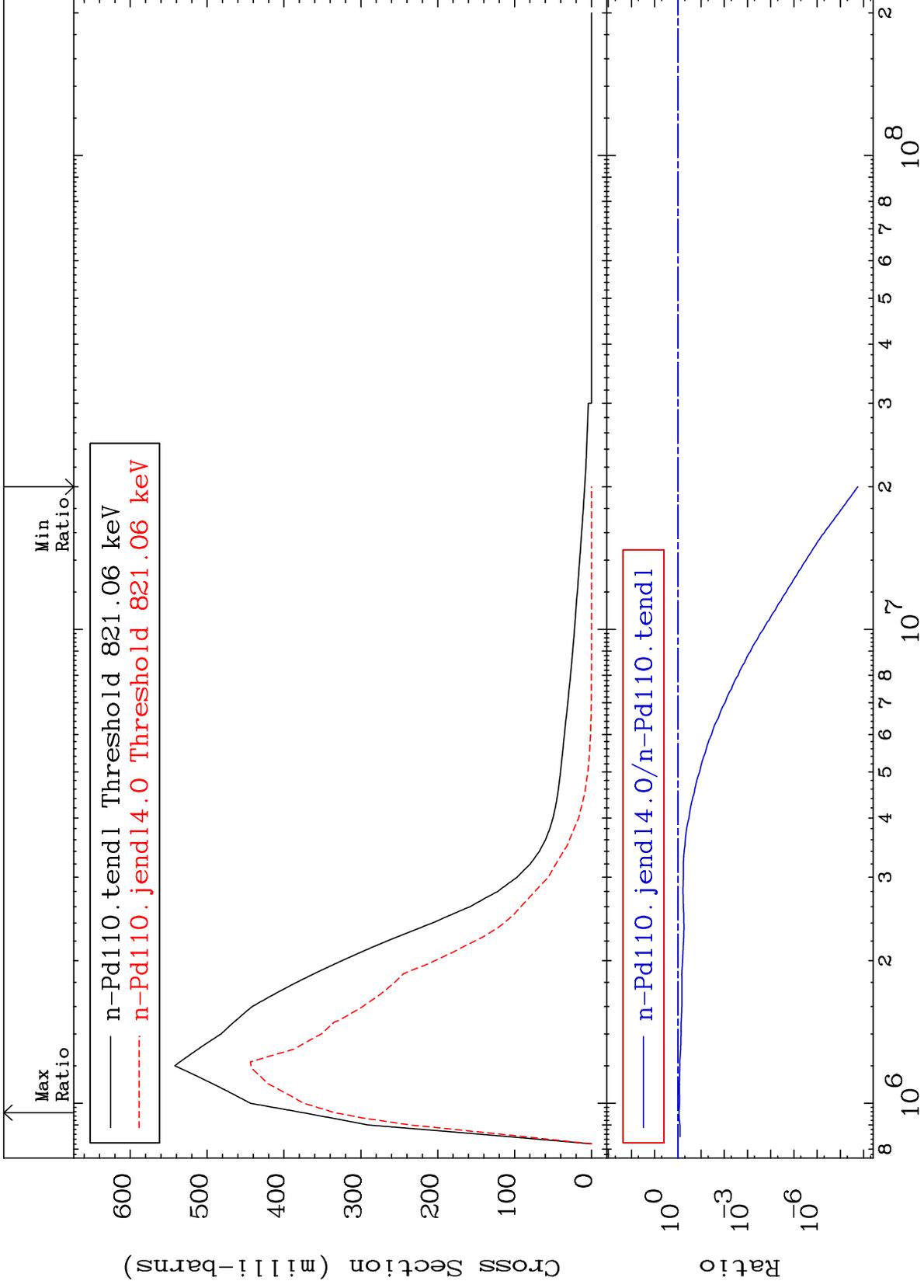
46-Pd-110  
-59.49 To 70.67 %



MAT 4649

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

46-Pd-110  
-100.0 To -11.09%



Incident Energy (eV)

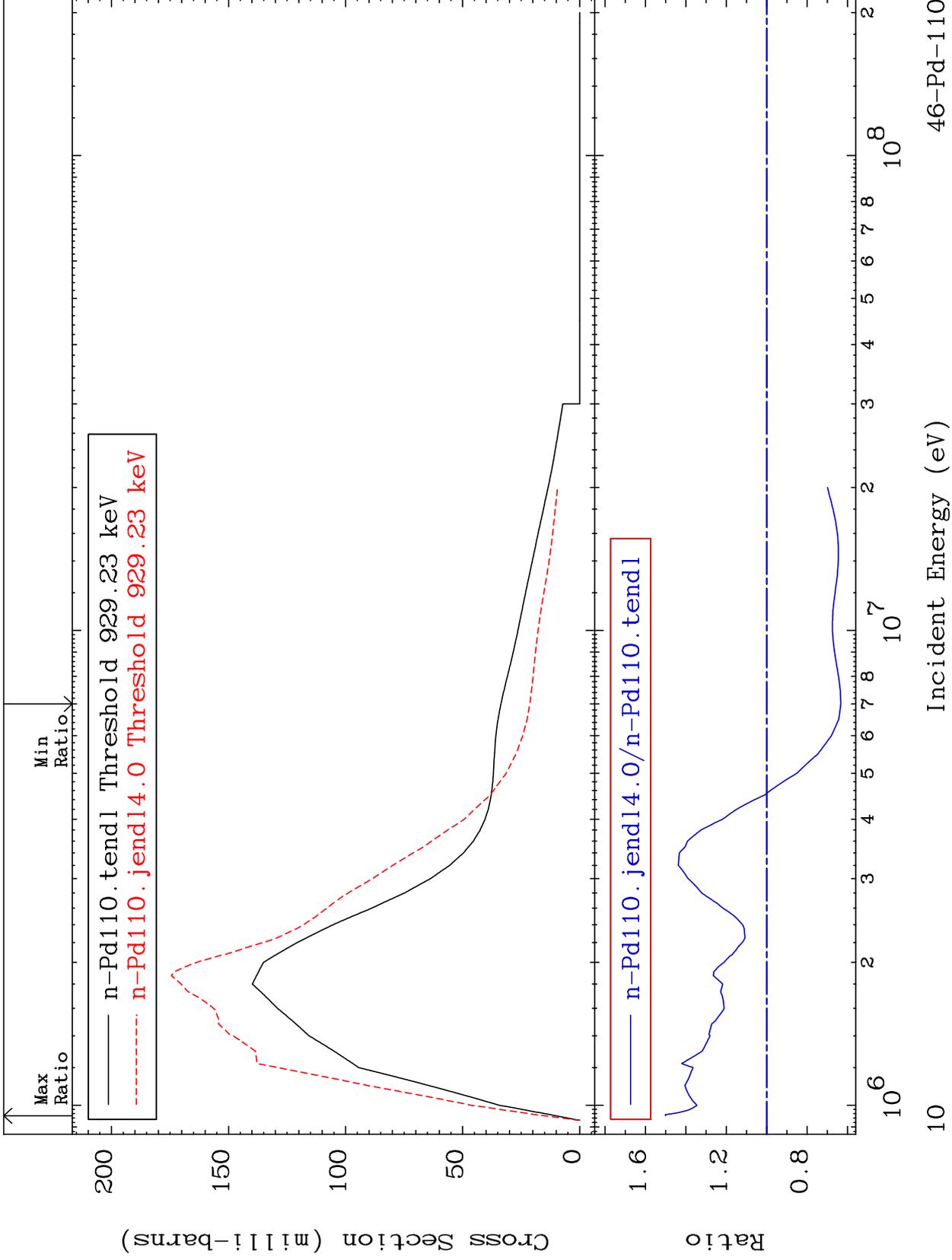
46-Pd-110

9

MAT 4649

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

46-Pd-110  
-36.69 To 50.09 %



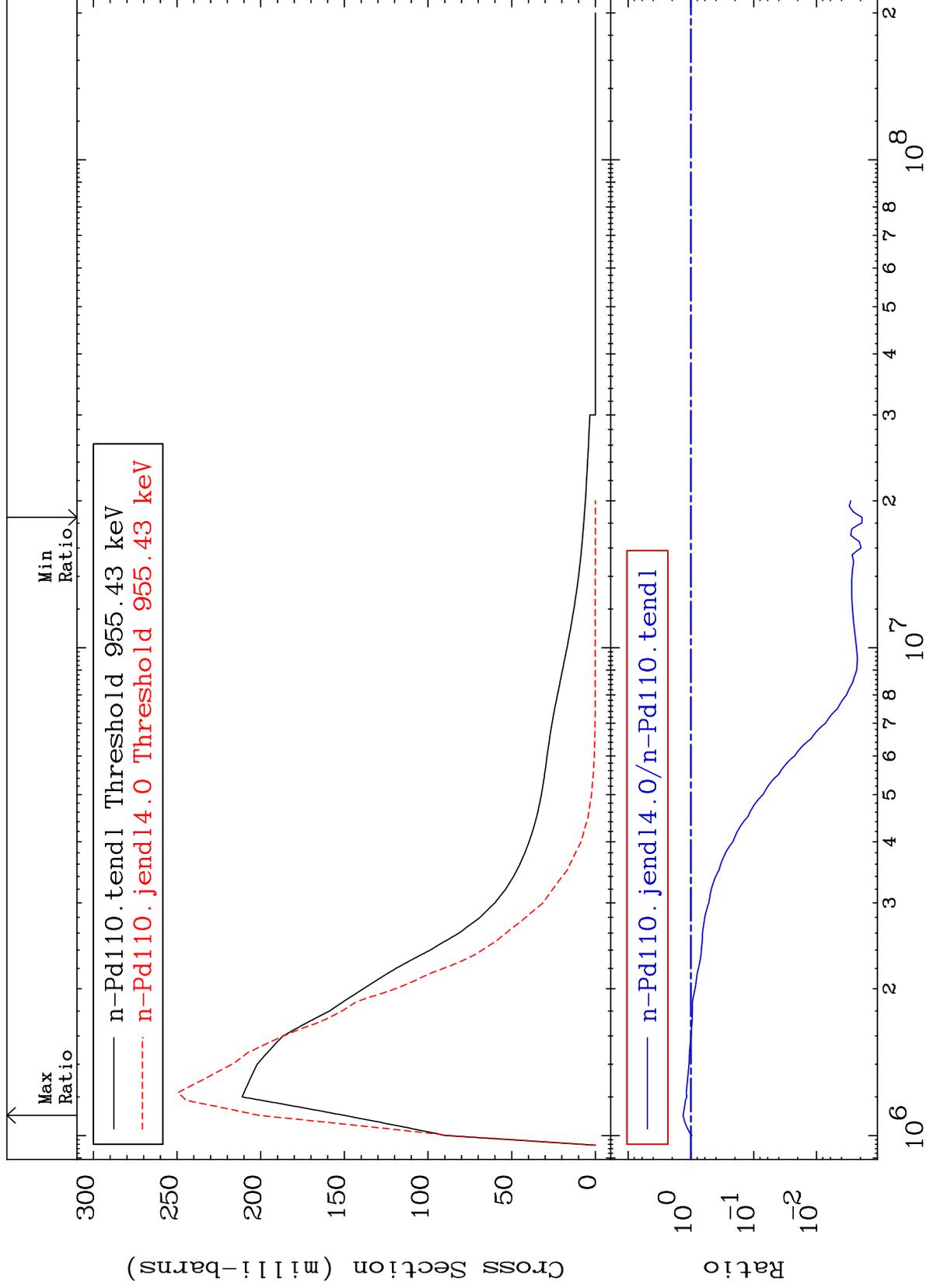
46-Pd-110

Incident Energy (eV)

MAT 4649

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

46-Pd-110  
-99.81 To 33.85 %



11

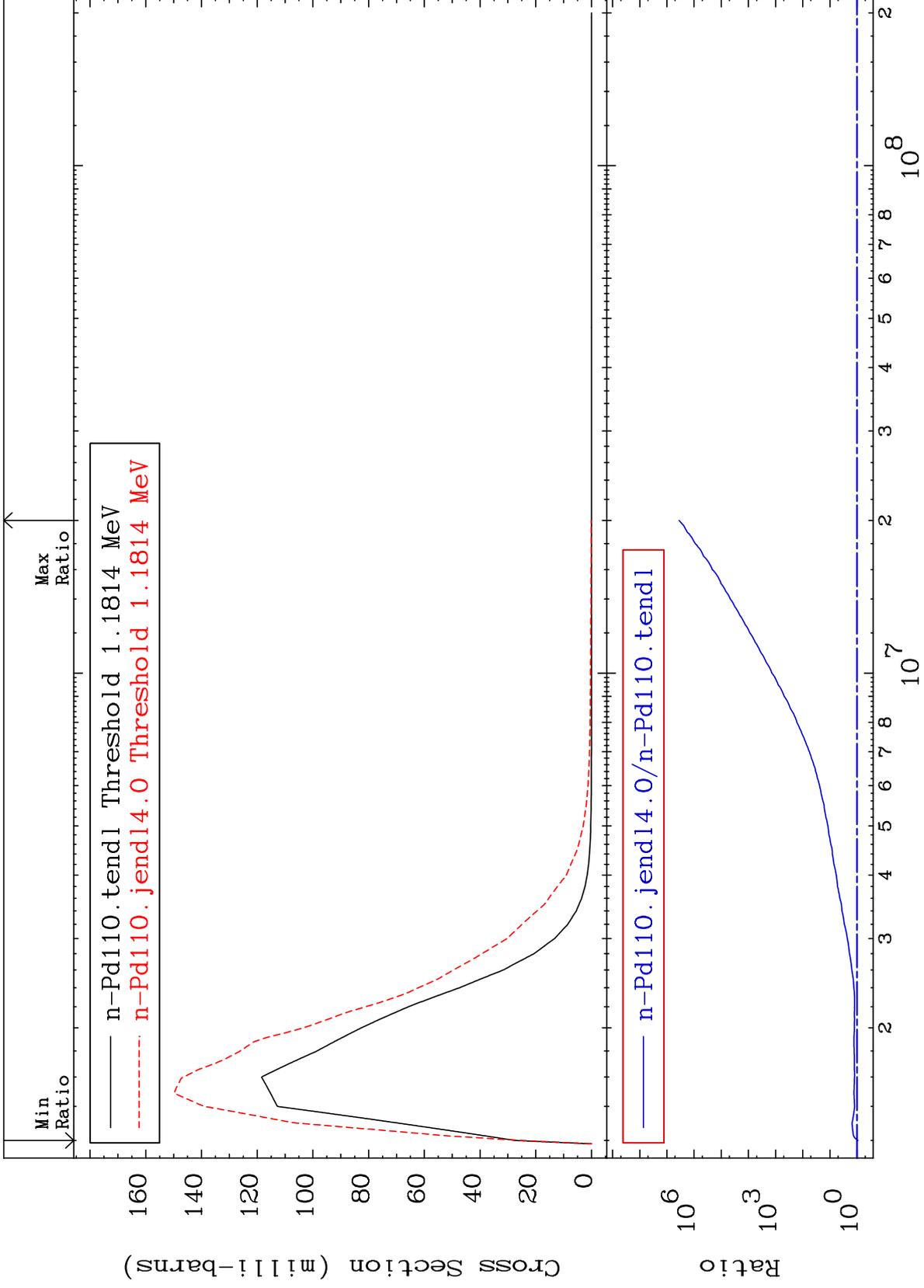
Incident Energy (eV)

46-Pd-110

MAT 4649

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

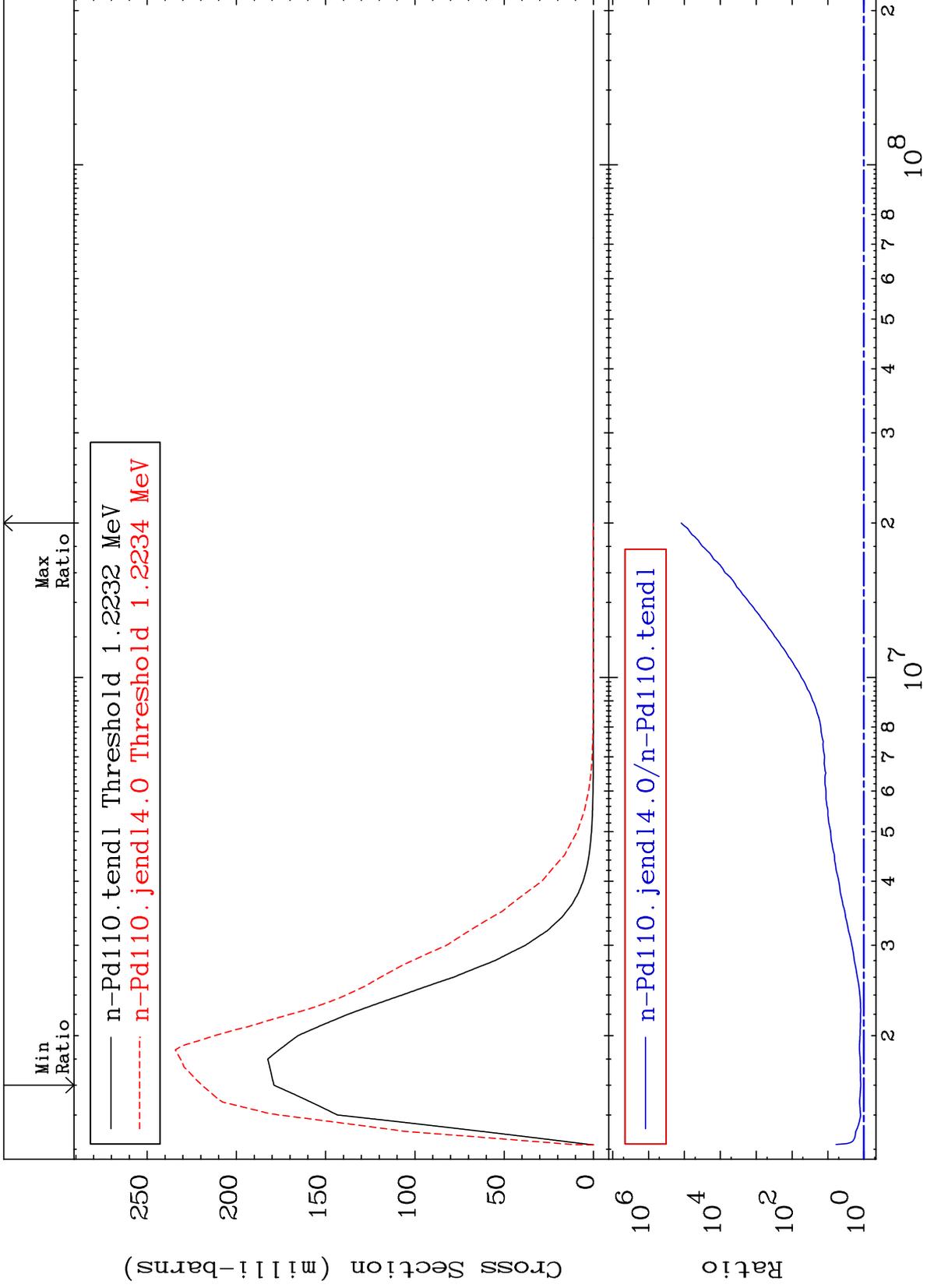
46-Pd-110  
-6.902 To 9999. %



MAT 4649

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

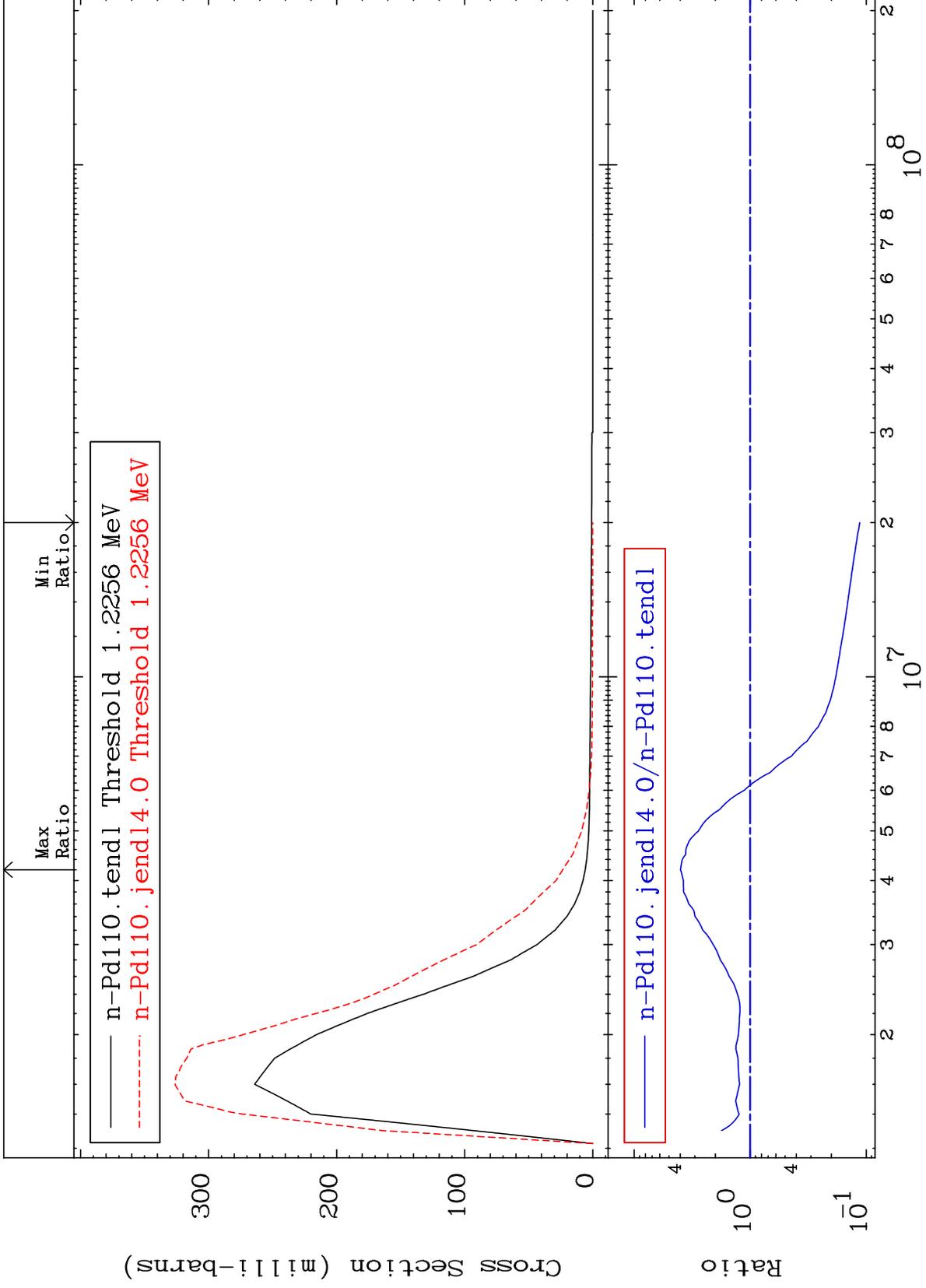
46-Pd-110  
22.52 To 9999. %



MAT 4649

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

46-Pd-110  
-88.64 To 298.6 %



14

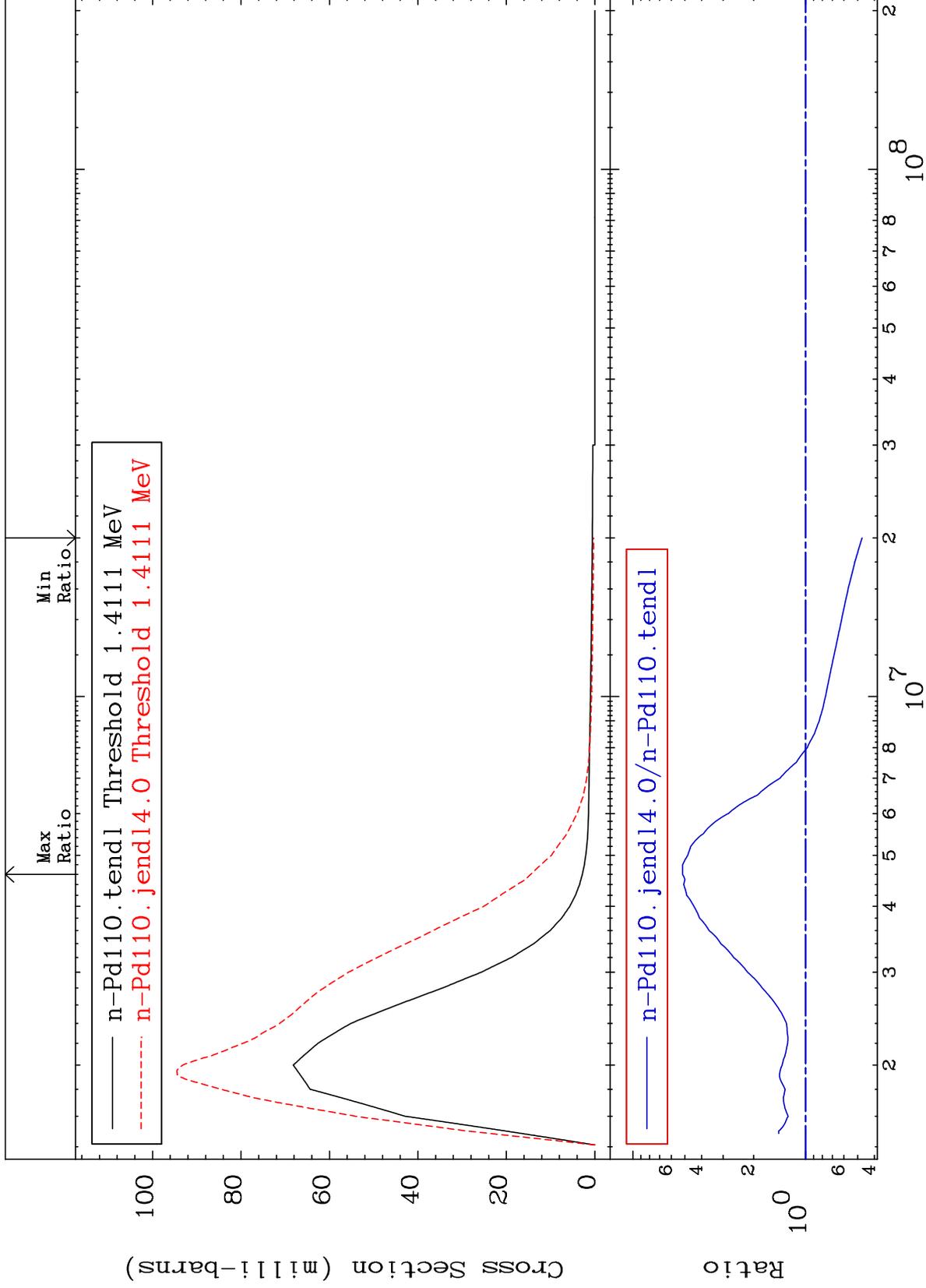
Incident Energy (eV)

46-Pd-110

MAT 4649

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

46-Pd-110  
-52.91 To 415.4 %



15

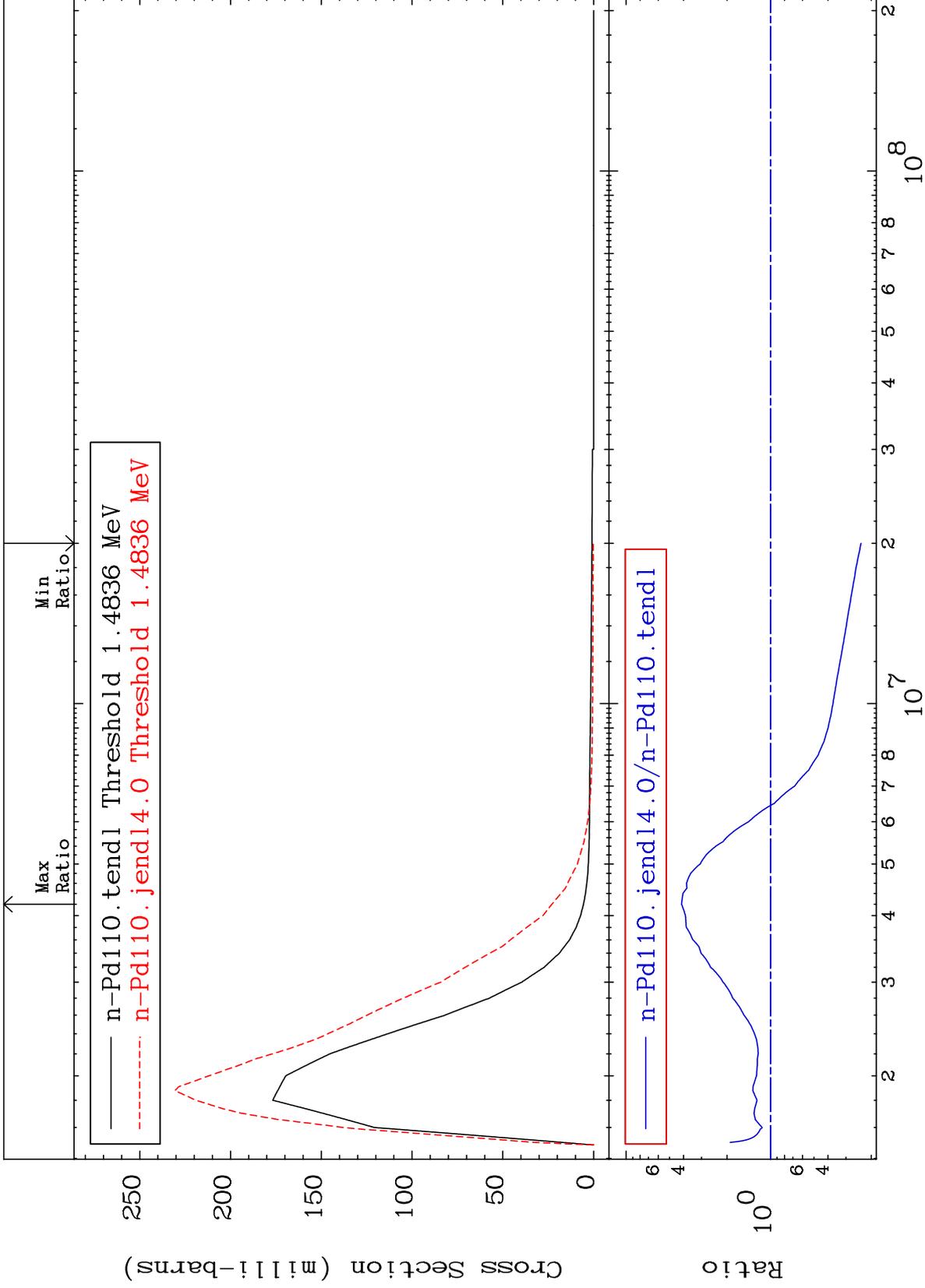
Incident Energy (eV)

46-Pd-110

MAT 4649

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

46-Pd-110  
-76.43 To 313.5 %



16

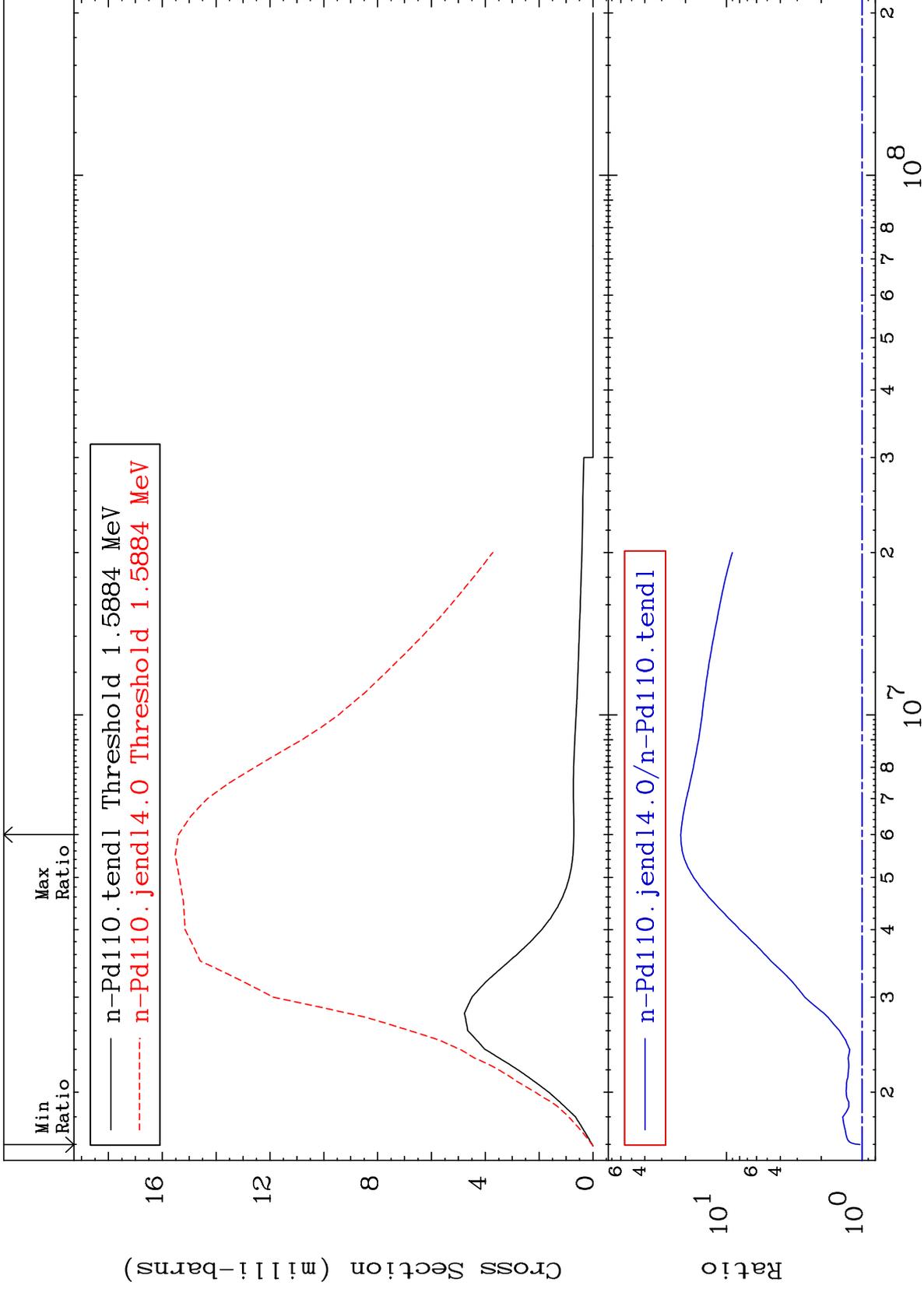
Incident Energy (eV)

46-Pd-110

MAT 4649

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

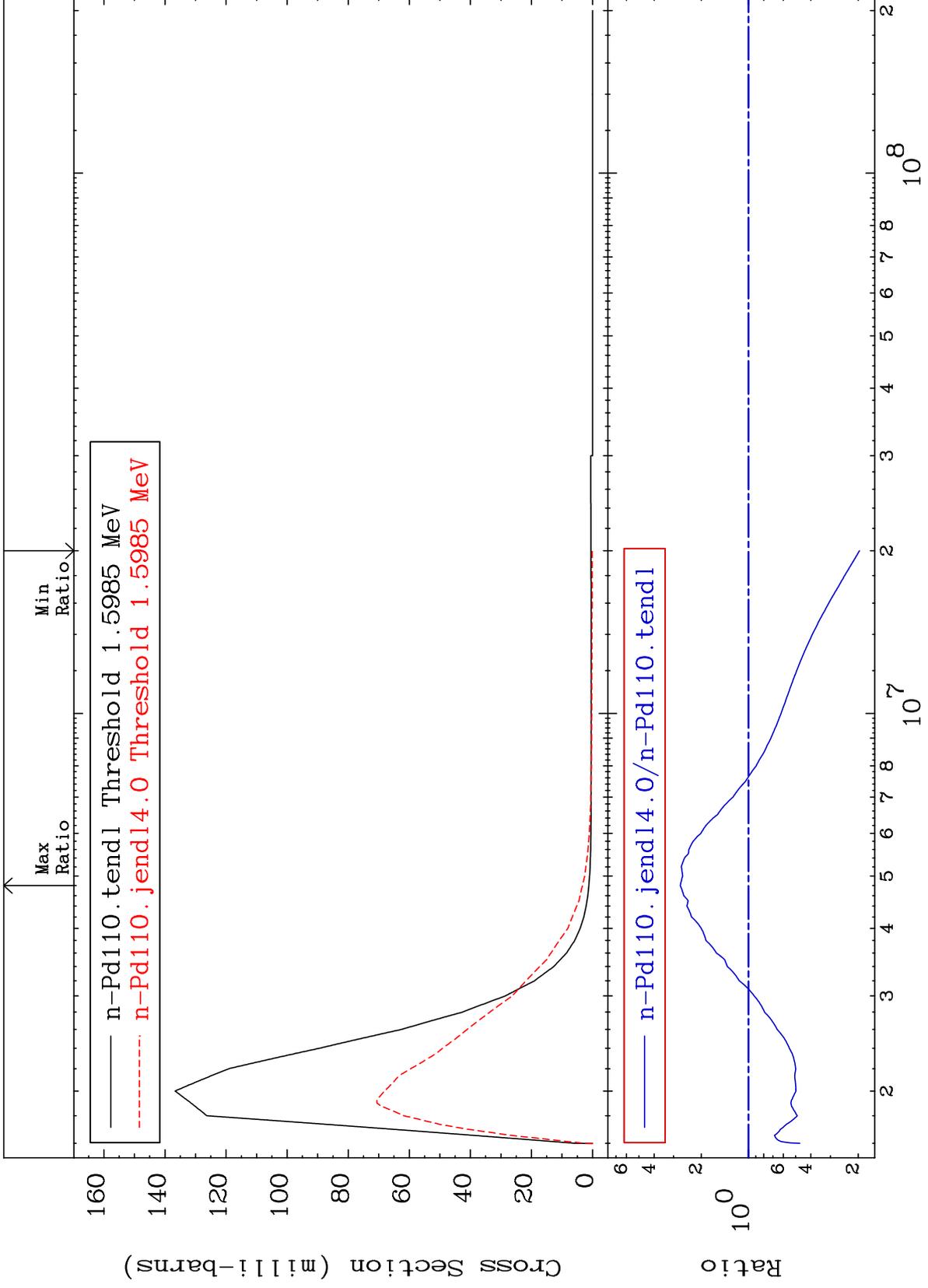
46-Pd-110  
3.247 To 2070. %



MAT 4649

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

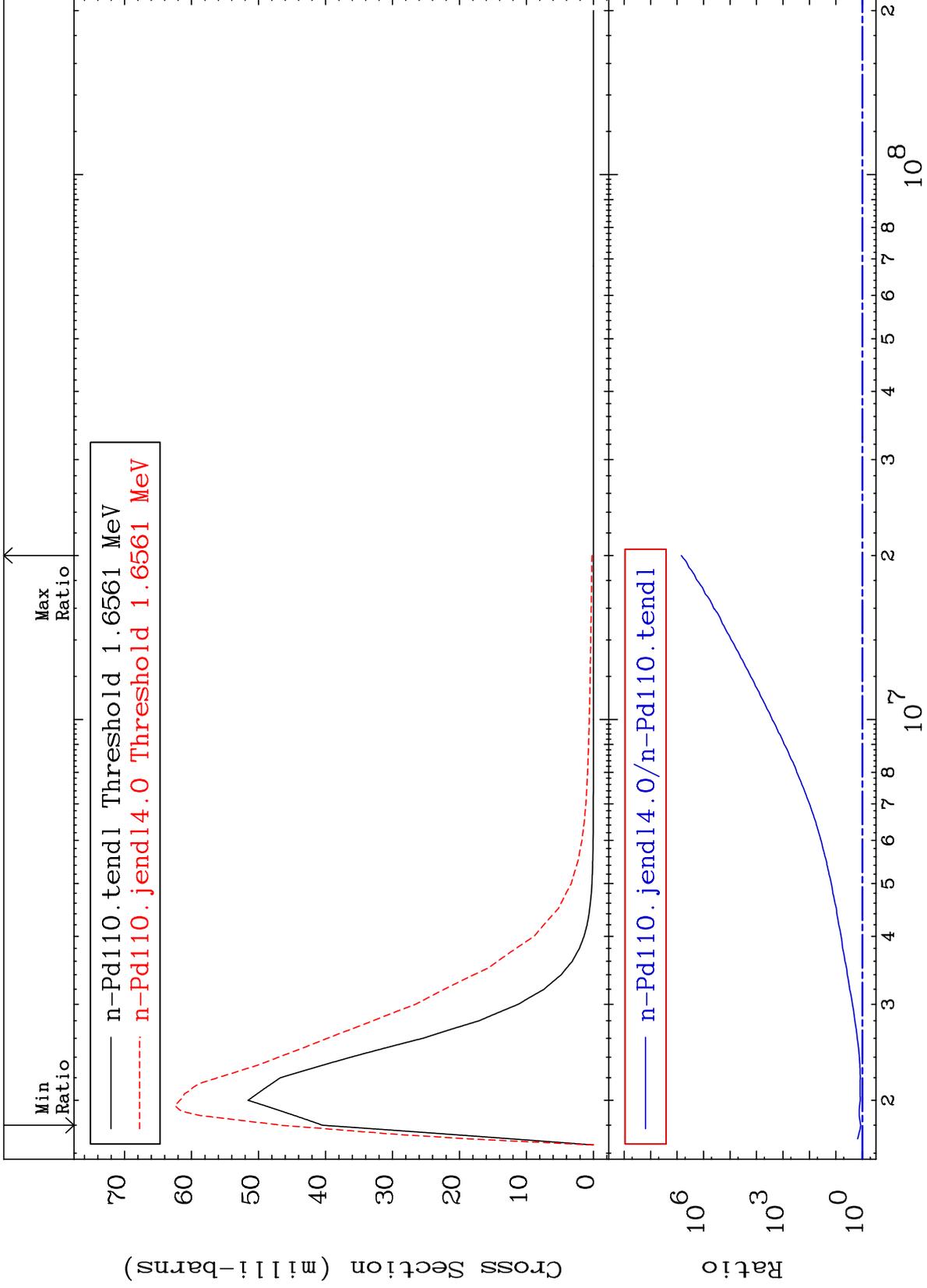
46-Pd-110  
-80.39 To 172.2 %



MAT 4649

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

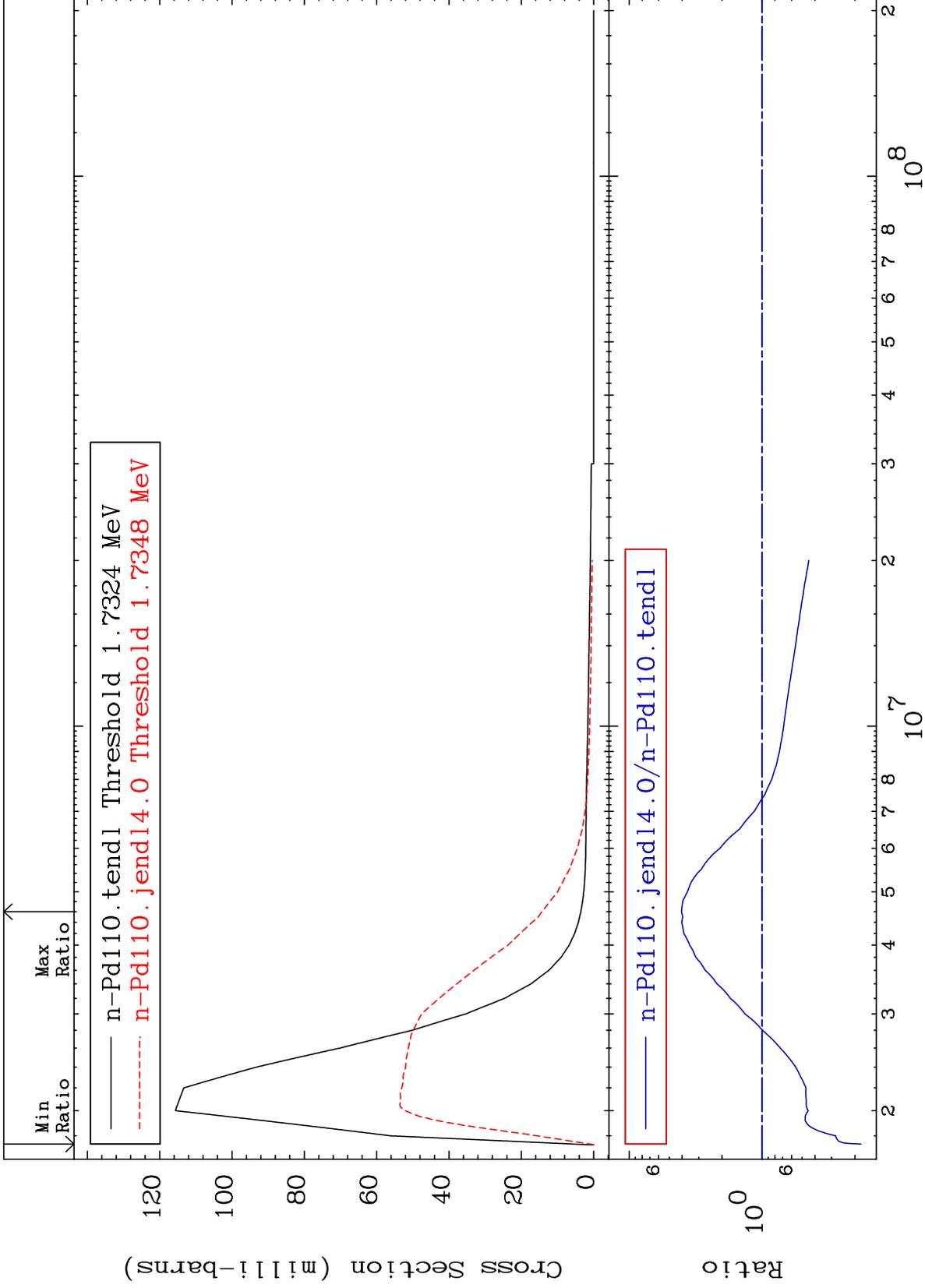
46-Pd-110  
15.32 To 9999. %



MAT 4649

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

46-Pd-110  
-82.01 To 304.4 %



20

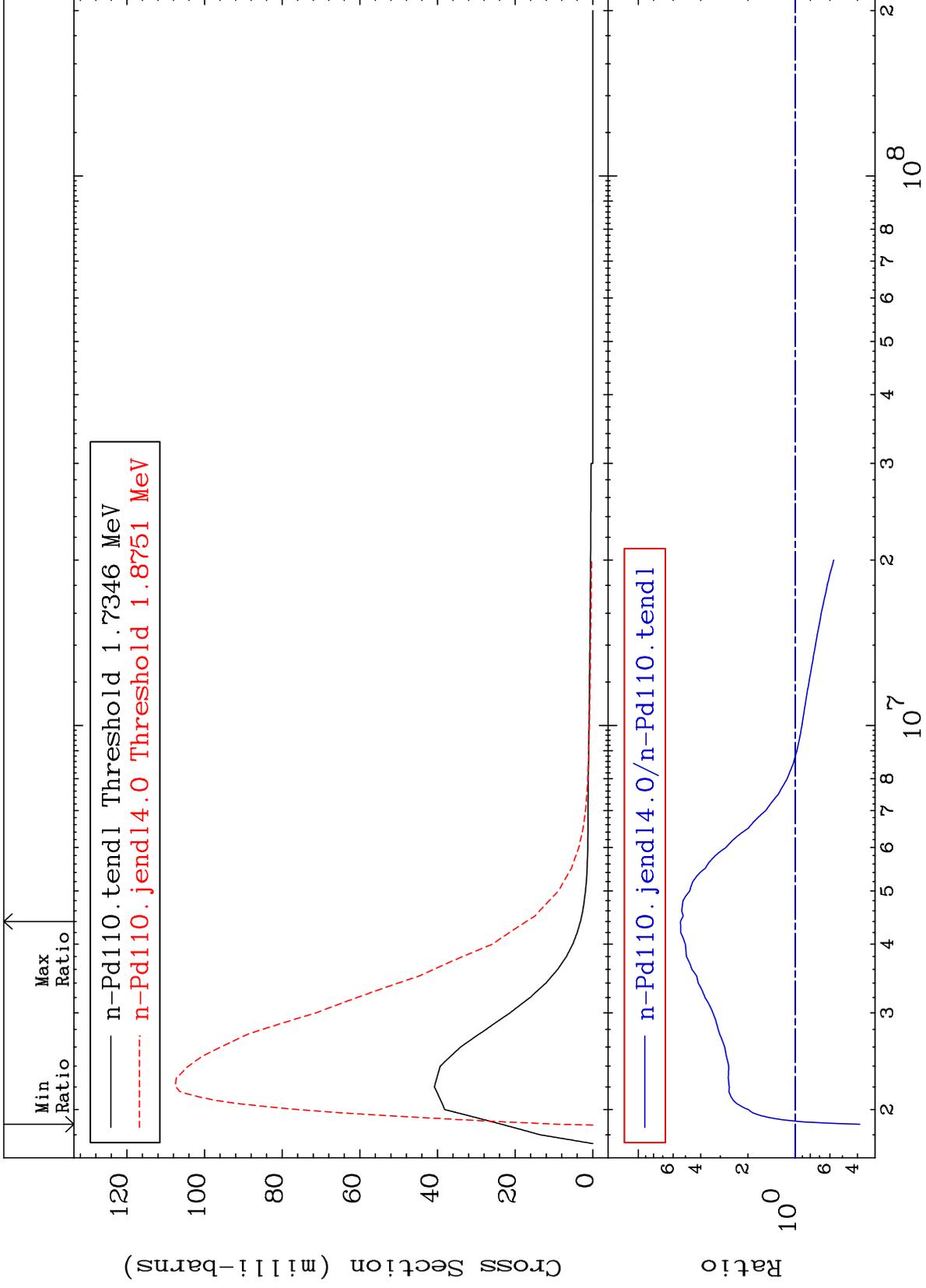
46-Pd-110

46-Pd-110

MAT 4649

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

46-Pd-110  
-61.27 To 438.5 %



21

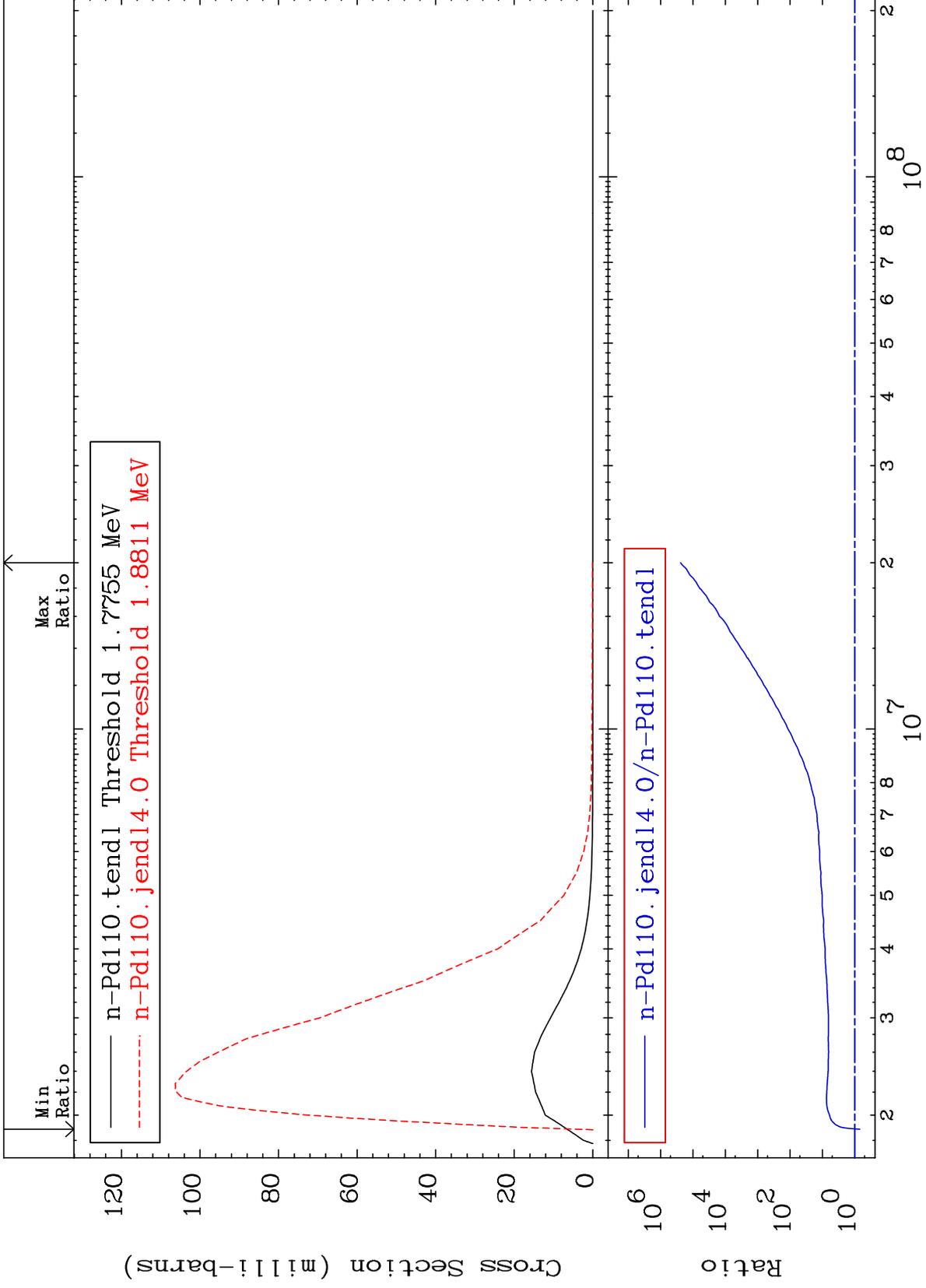
Incident Energy (eV)

46-Pd-110

MAT 4649

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

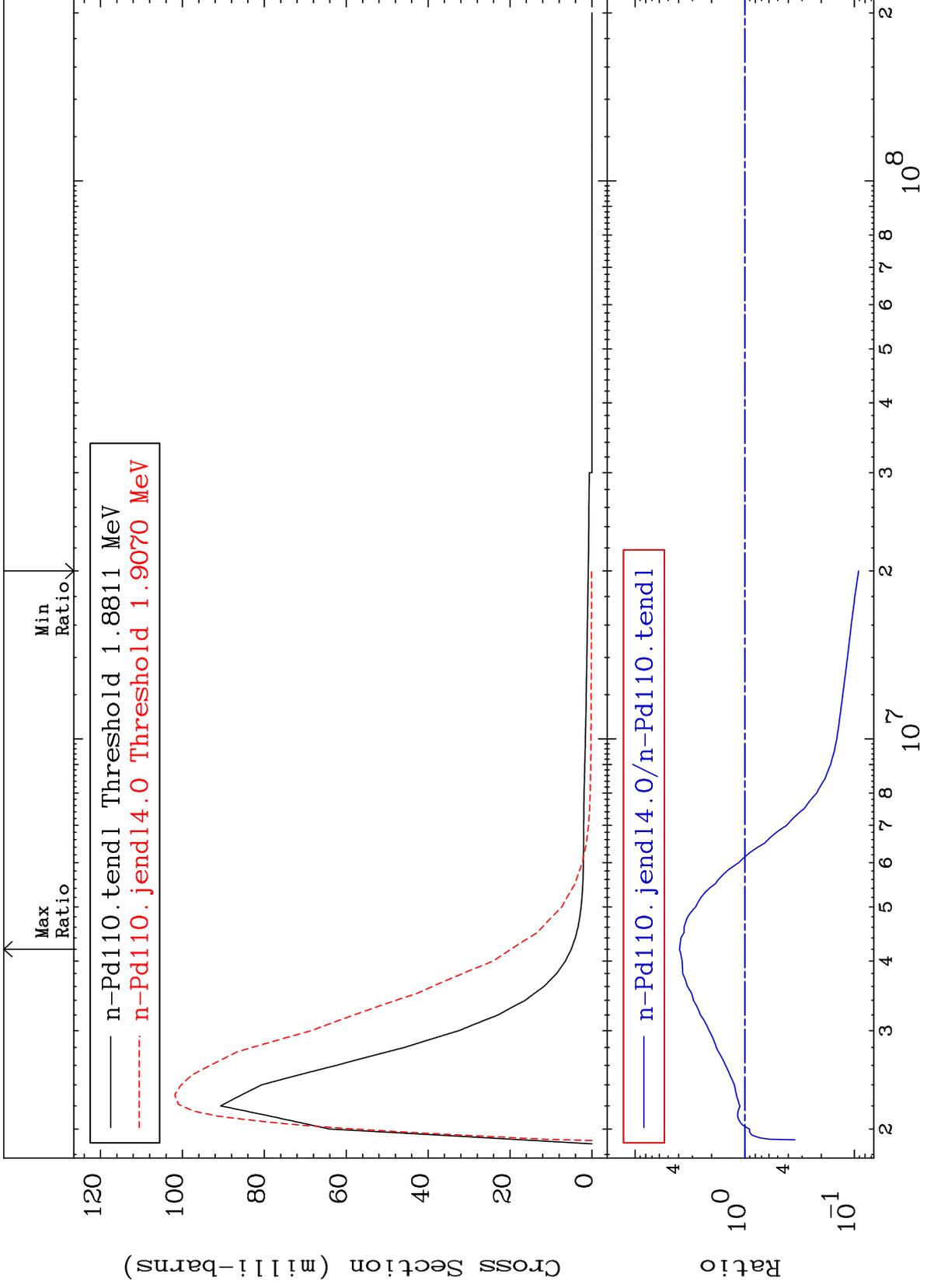
46-Pd-110  
-30.05 To 9999. %



MAT 4649

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

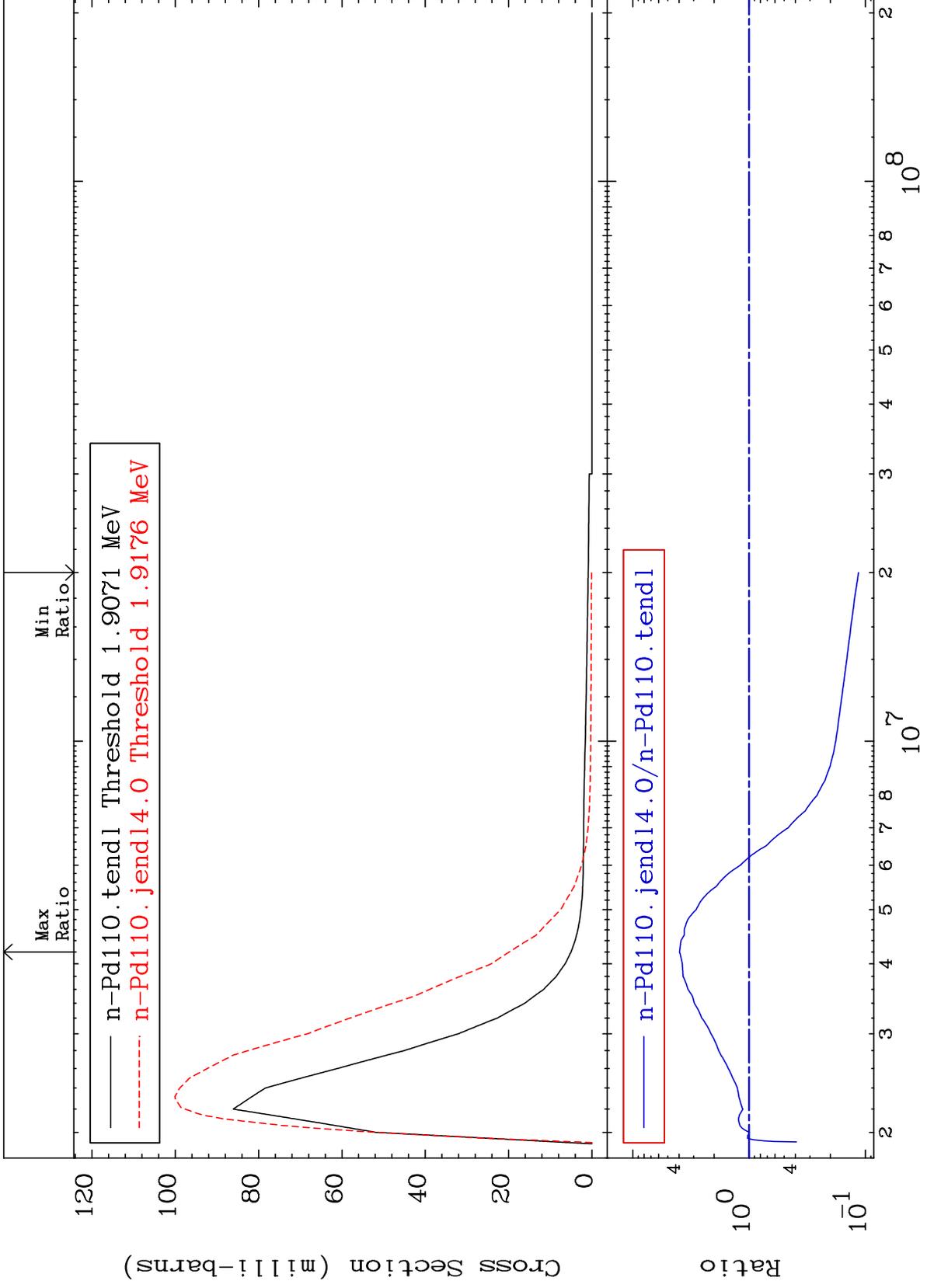
46-Pd-110  
-90.85 To 292.6 %



MAT 4649

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

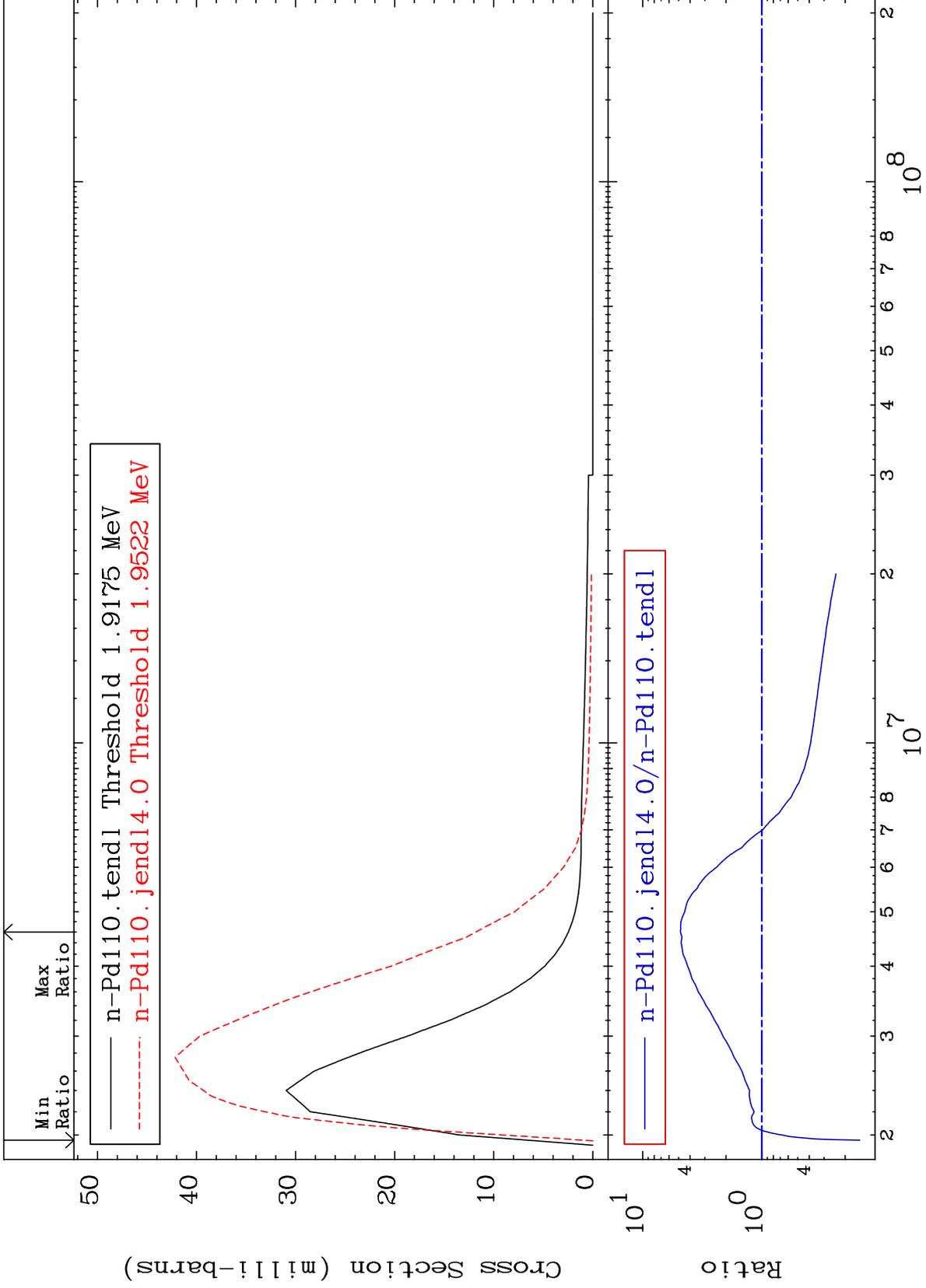
46-Pd-110  
-88.52 To 297.0 %



MAT 4649

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

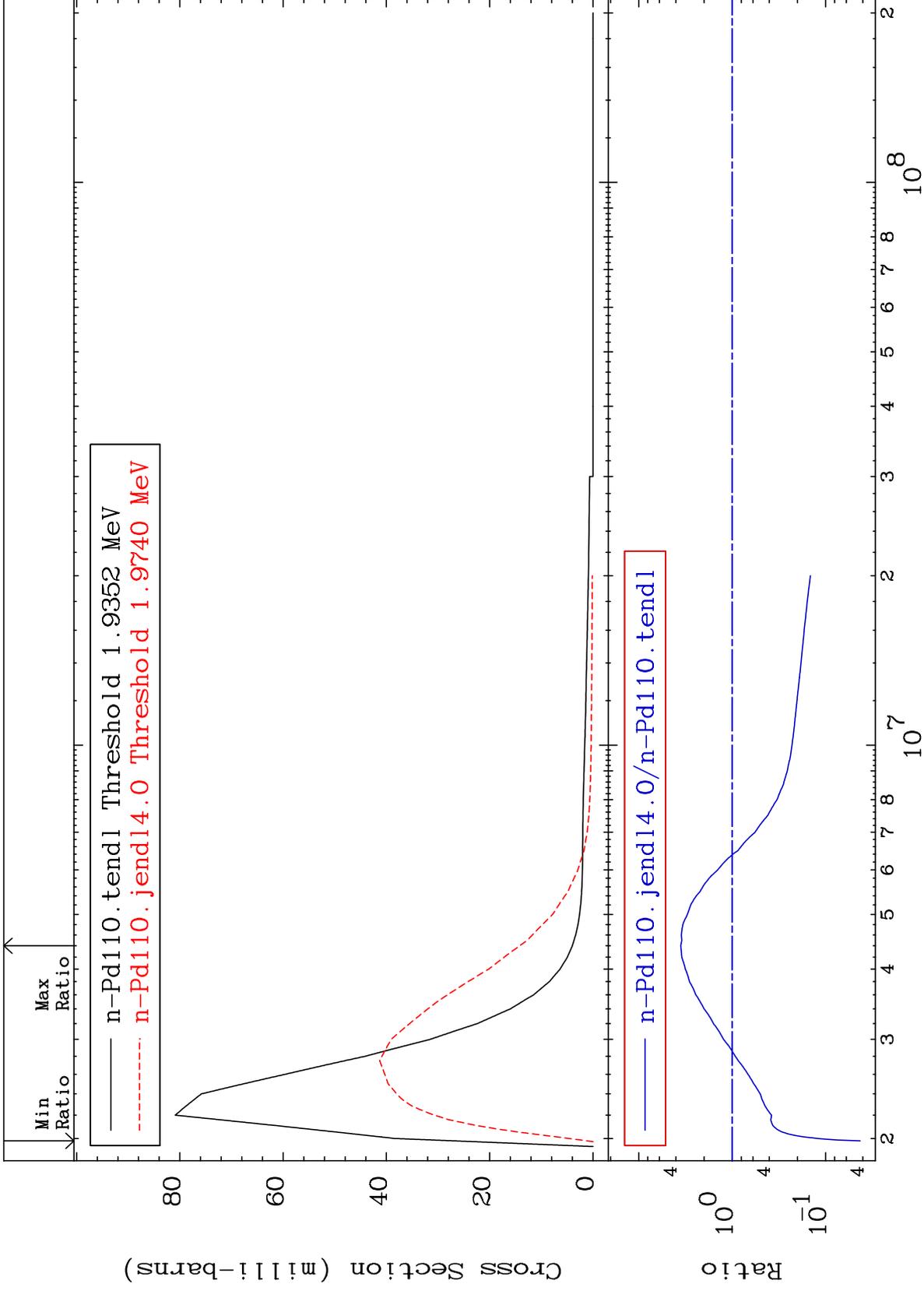
46-Pd-110  
-84.93 To 381.0 %



25

Incident Energy (eV)

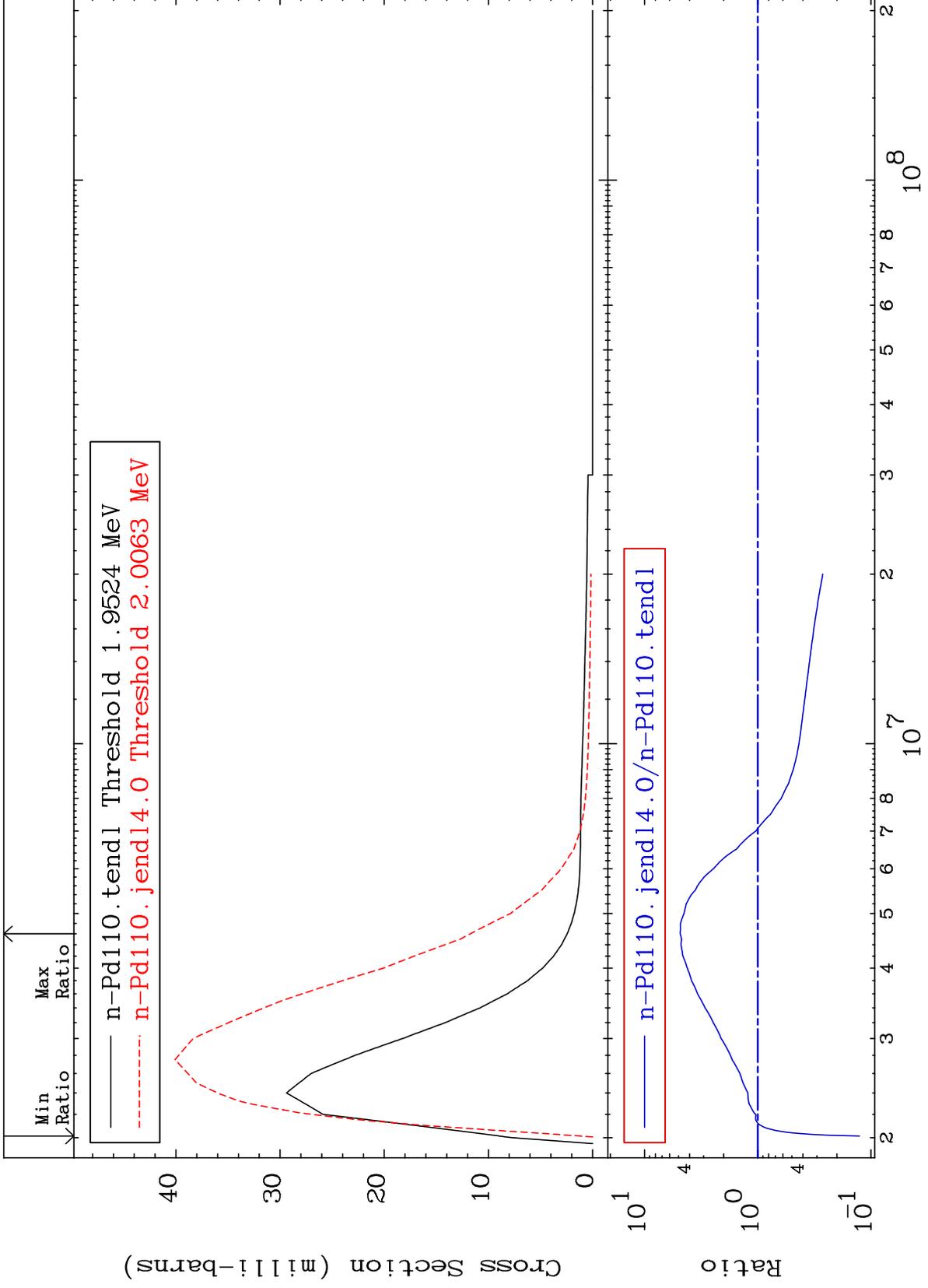
46-Pd-110



MAT 4649

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

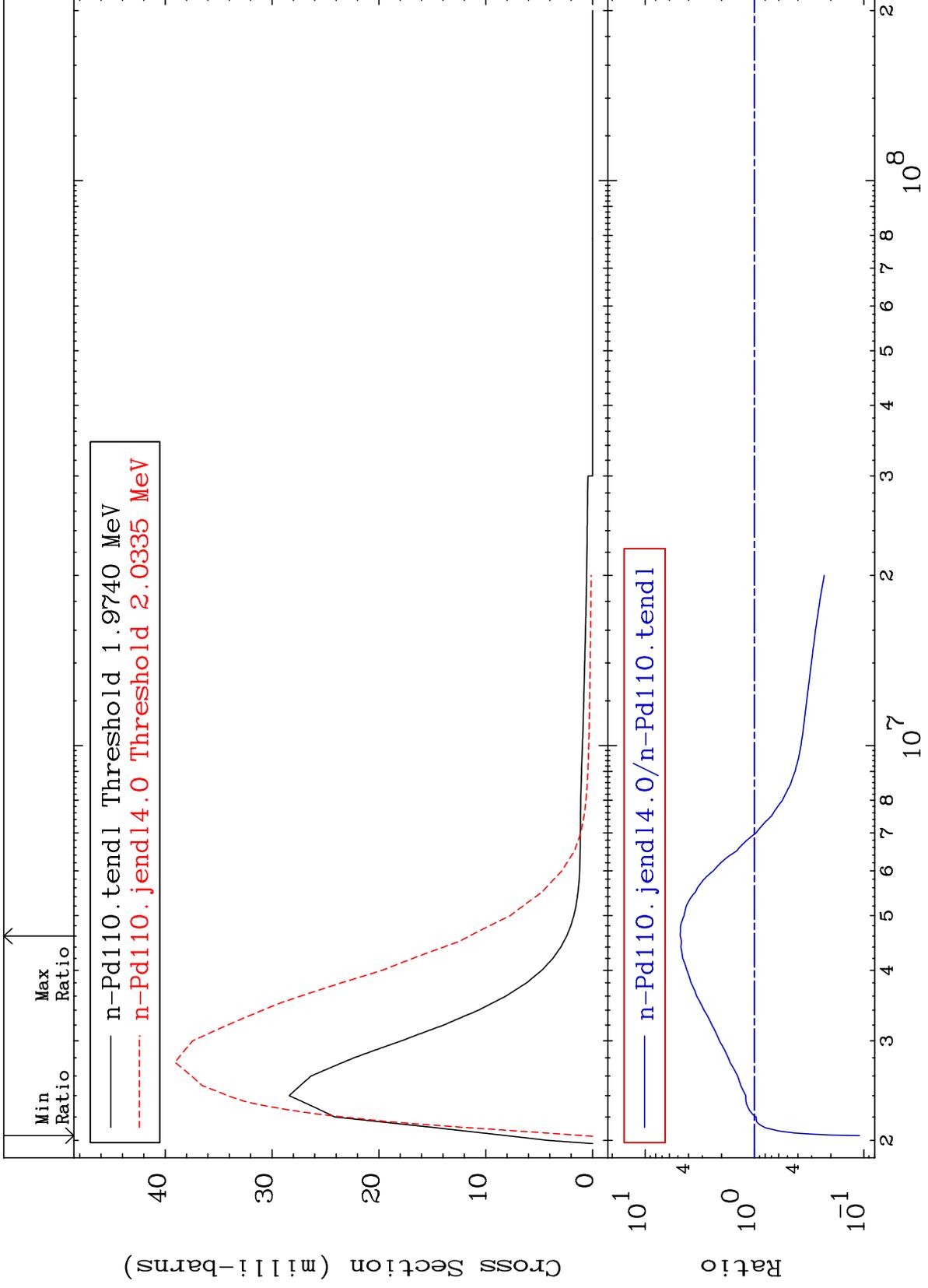
46-Pd-110  
-87.35 To 382.9 %



MAT 4649

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

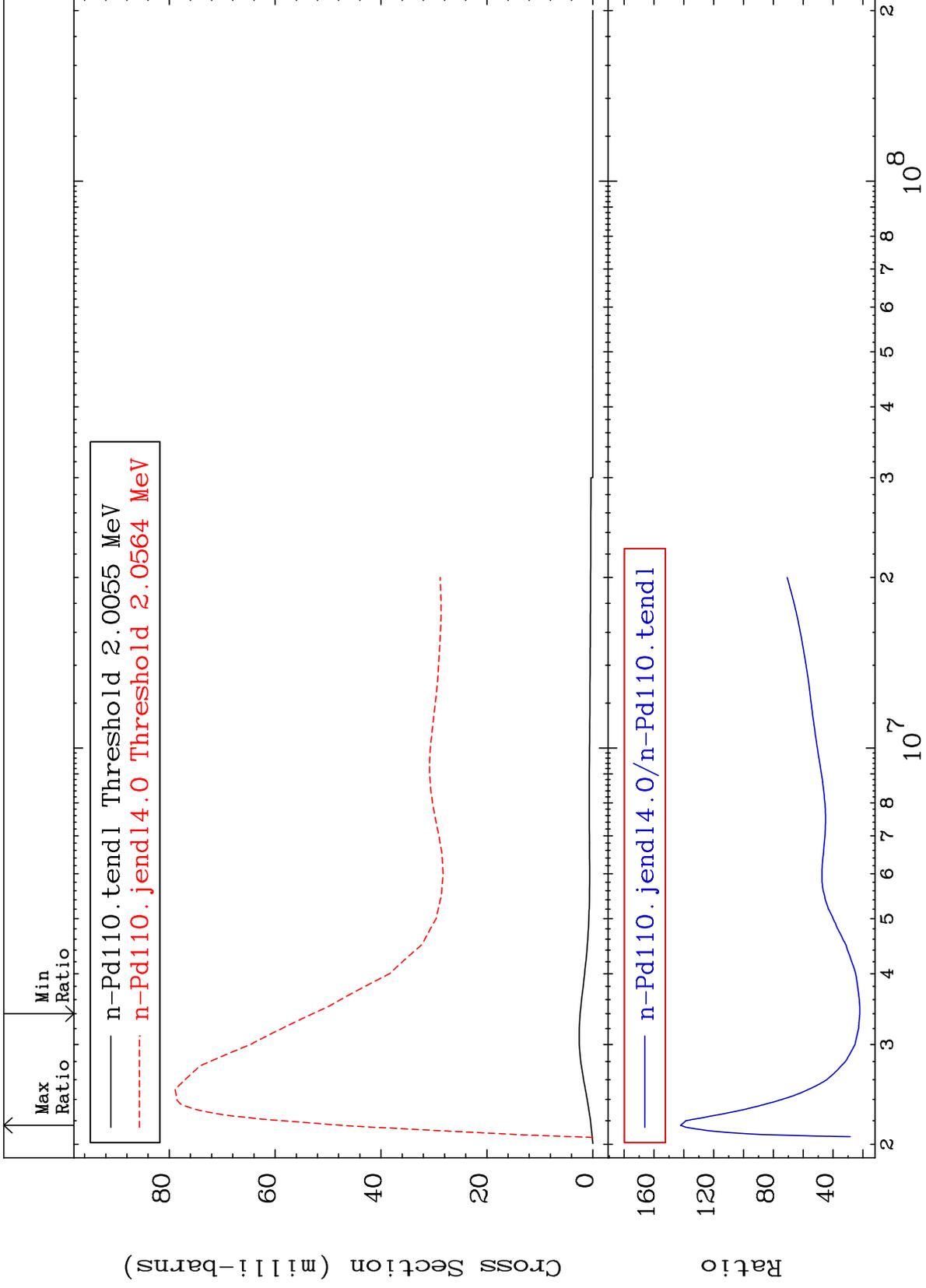
46-Pd-110  
-89.04 To 376.9 %



MAT 4649

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

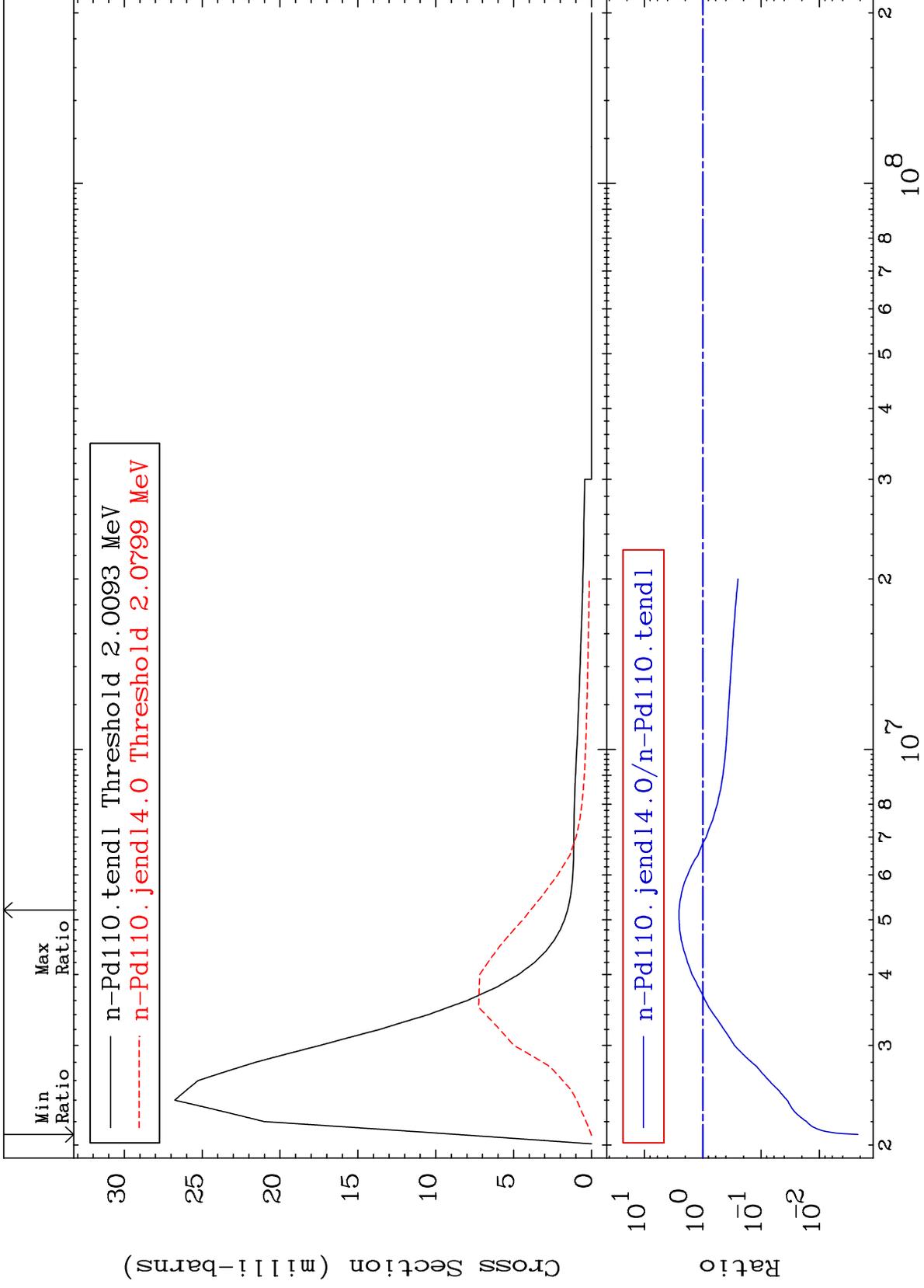
46-Pd-110  
2112. To 9999. %



MAT 4649

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

46-Pd-110  
-99.78 To 154.7 %



30

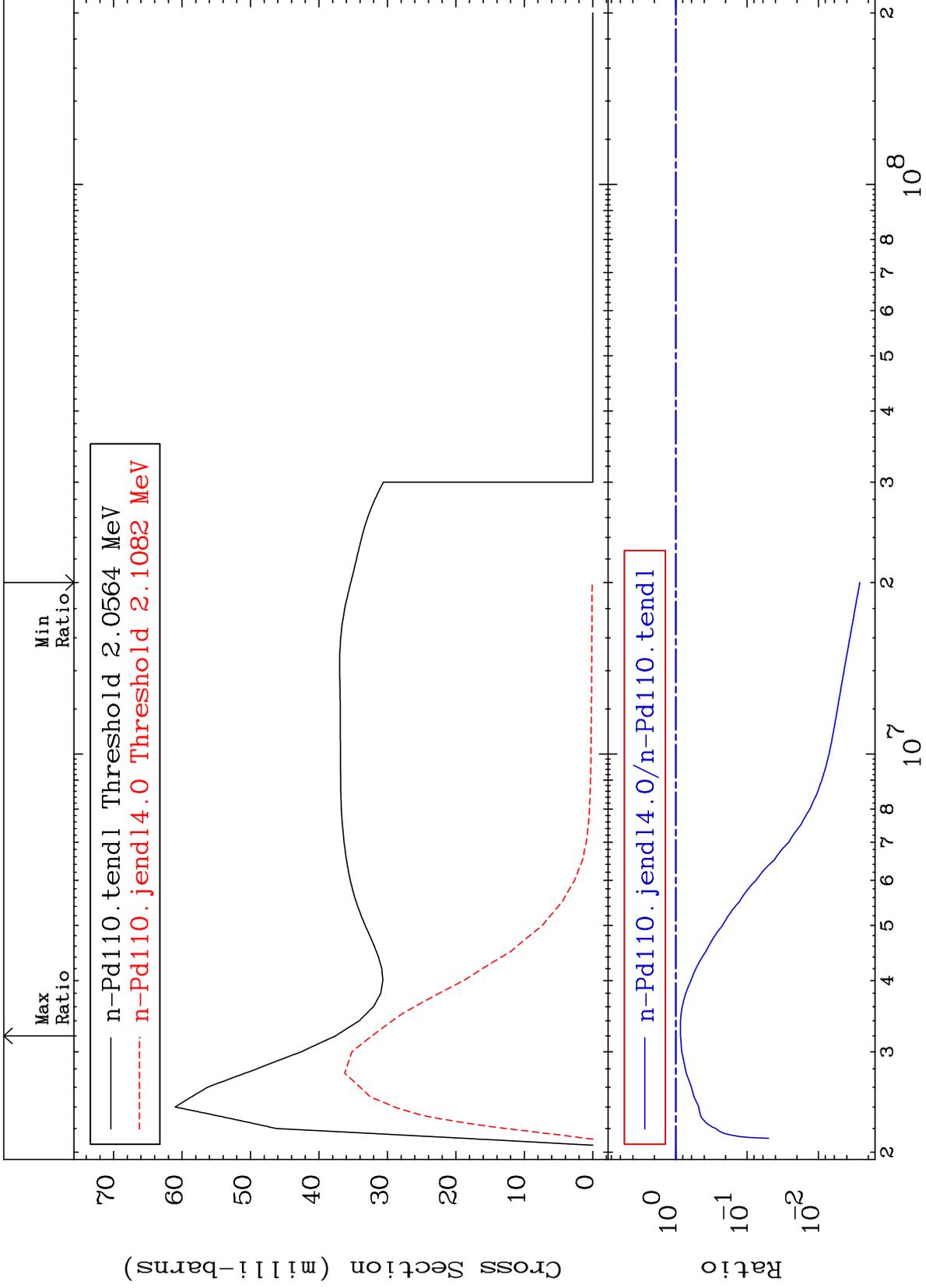
Incident Energy (eV)

46-Pd-110

MAT 4649

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

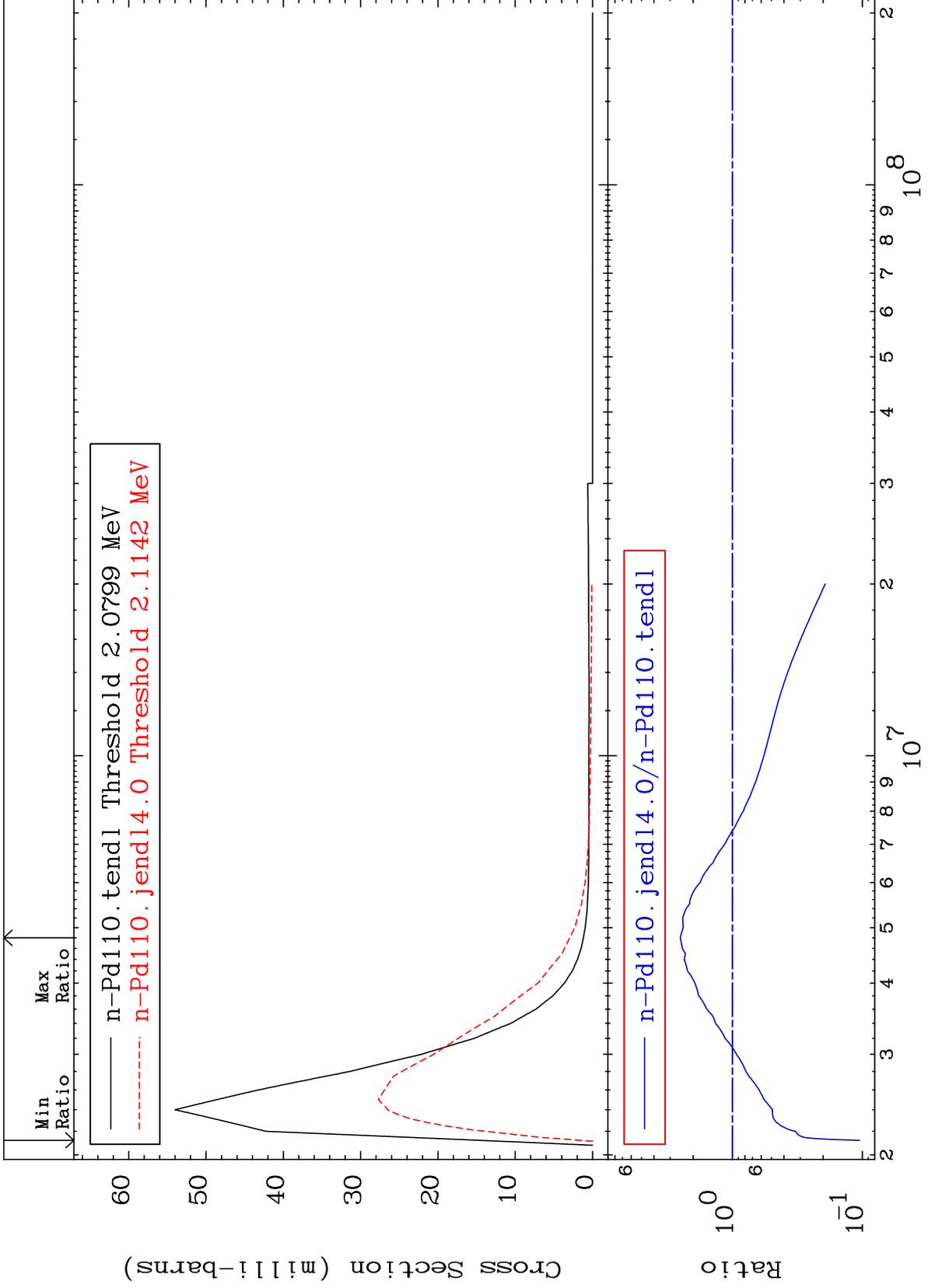
46-Pd-110  
-99.74 To -14.14%



MAT 4649

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

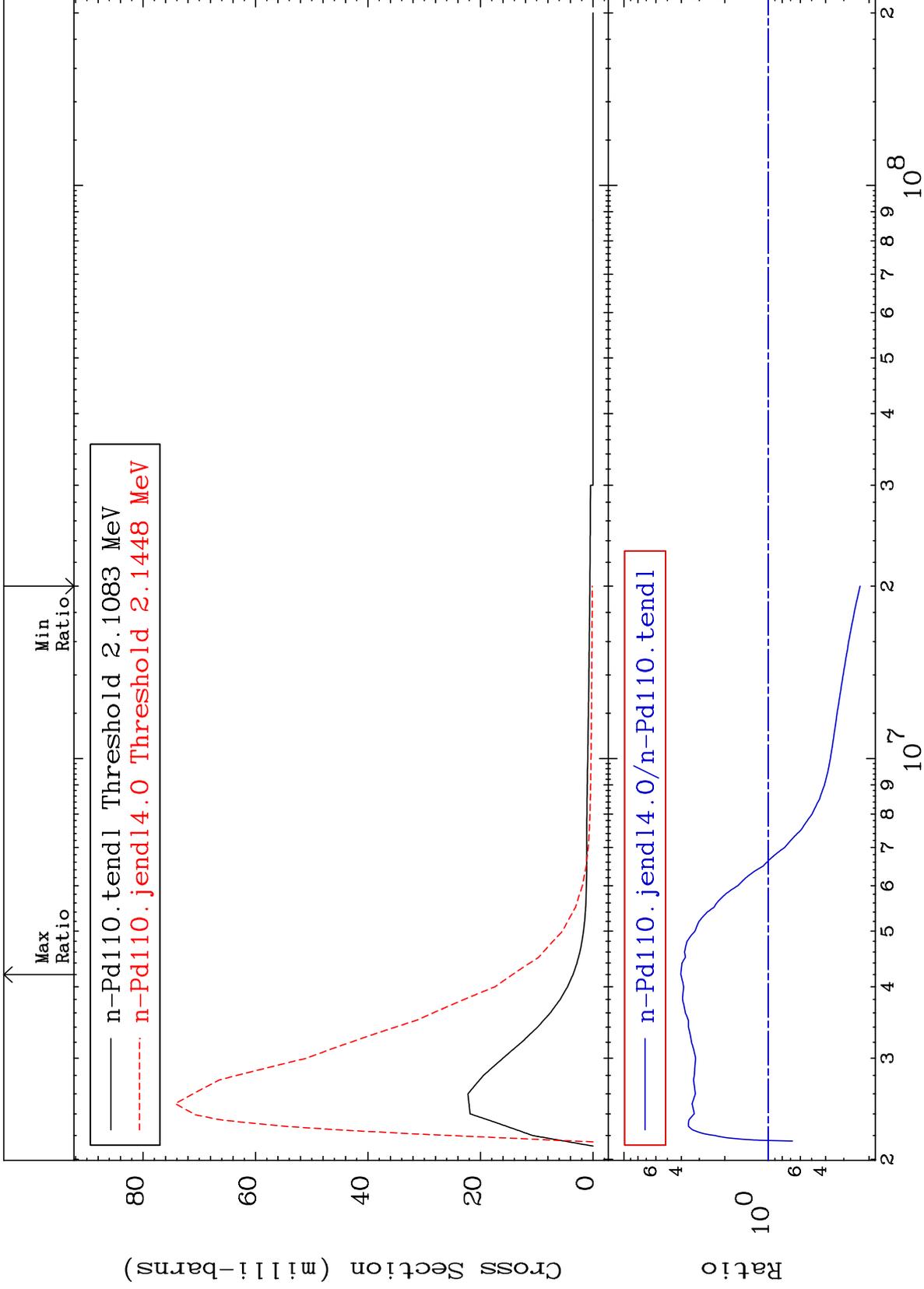
46-Pd-110  
-89.49 To 151.3 %



MAT 4649

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

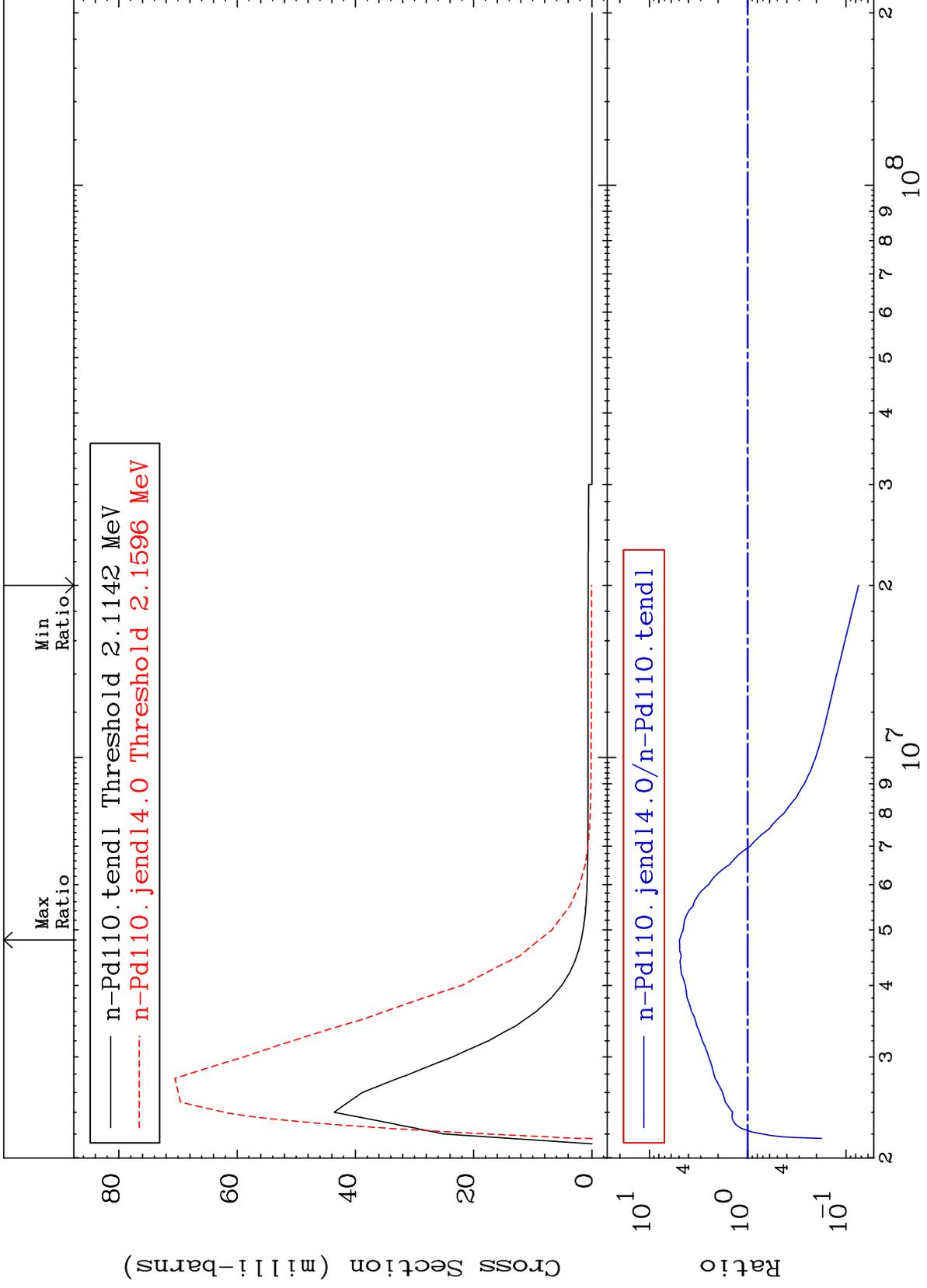
46-Pd-110  
-76.89 To 303.8 %



MAT 4649

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

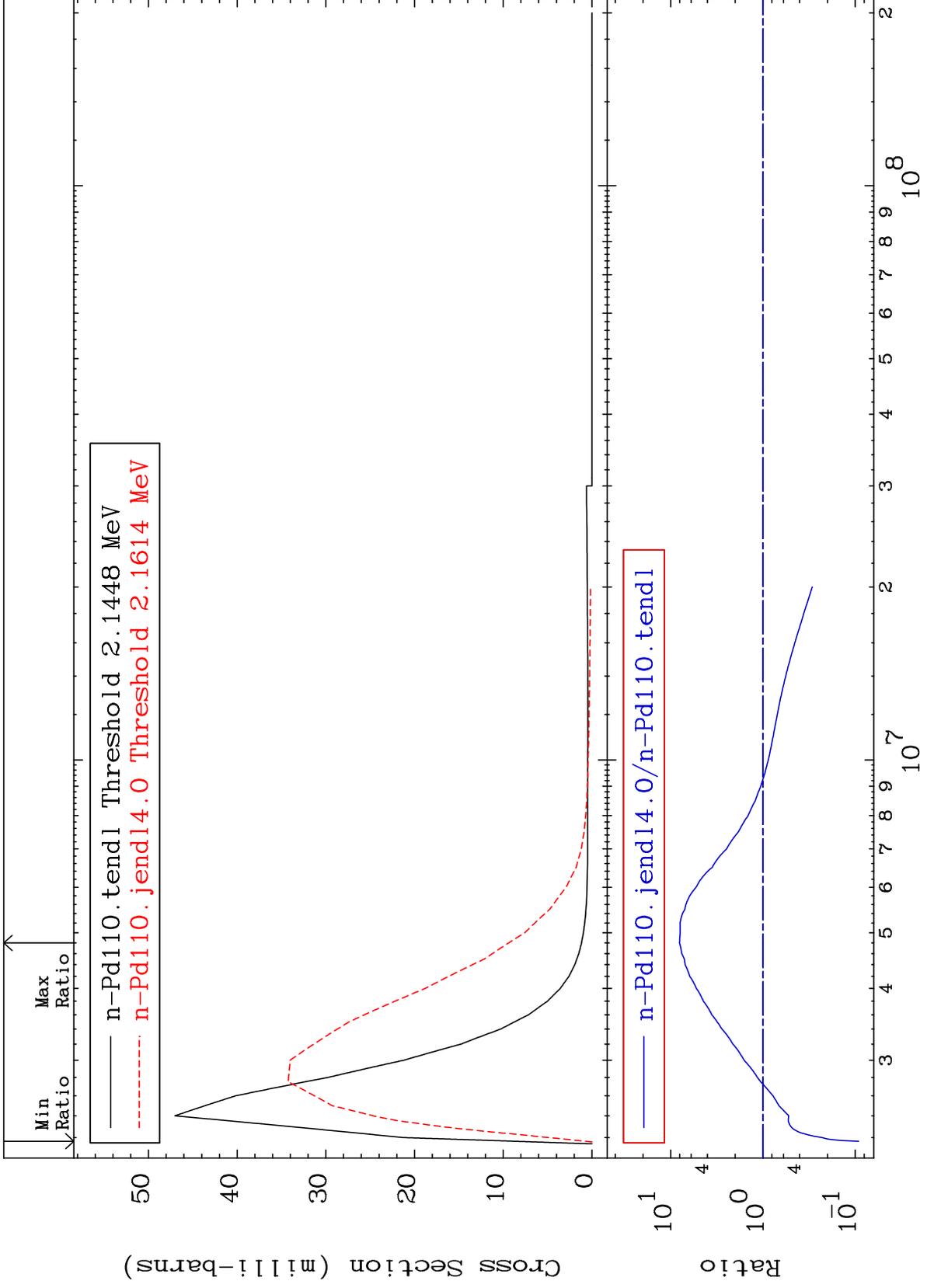
46-Pd-110  
-92.54 To 394.0 %



MAT 4649

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

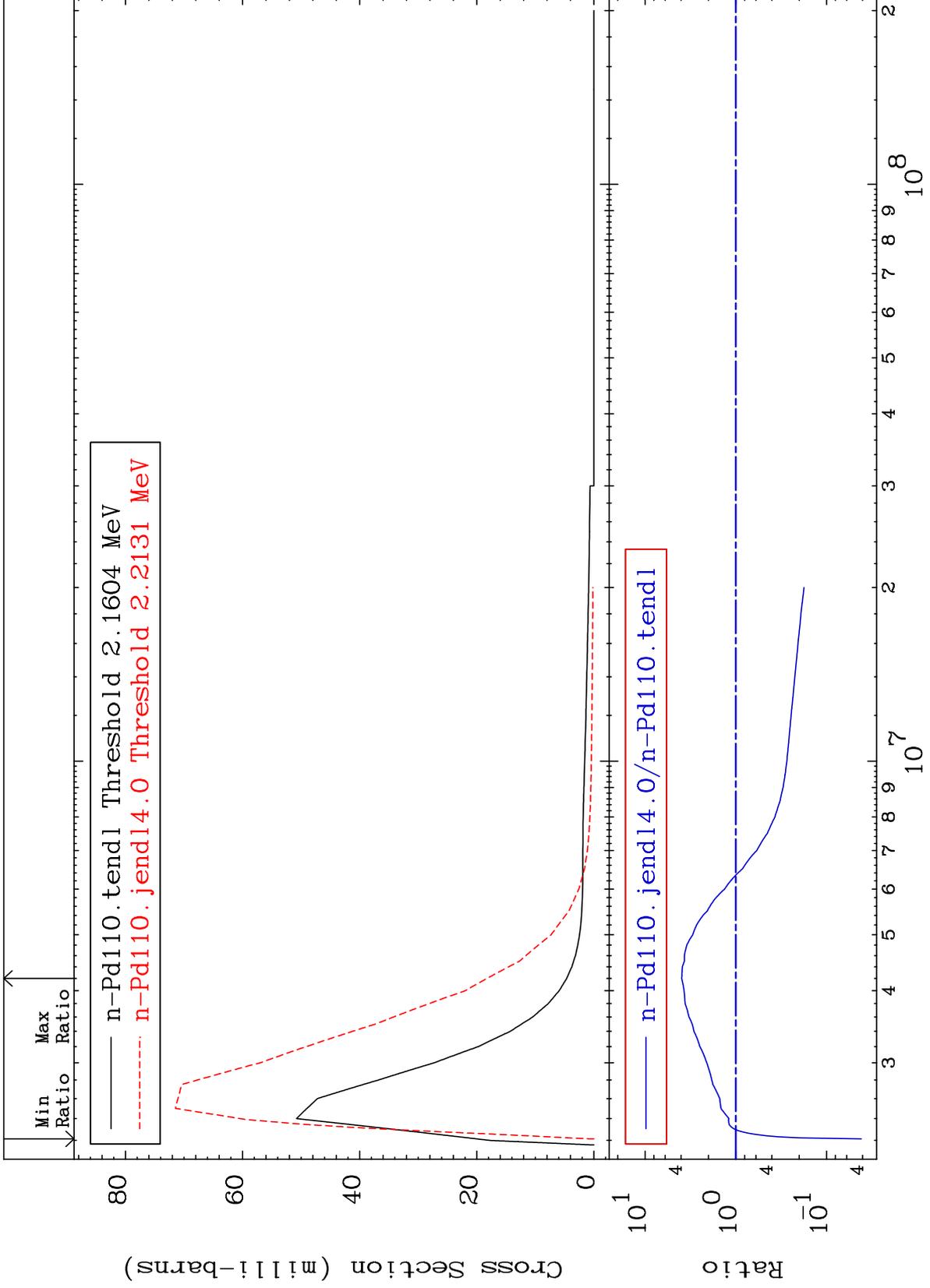
46-Pd-110  
-90.81 To 703.8 %



MAT 4649

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

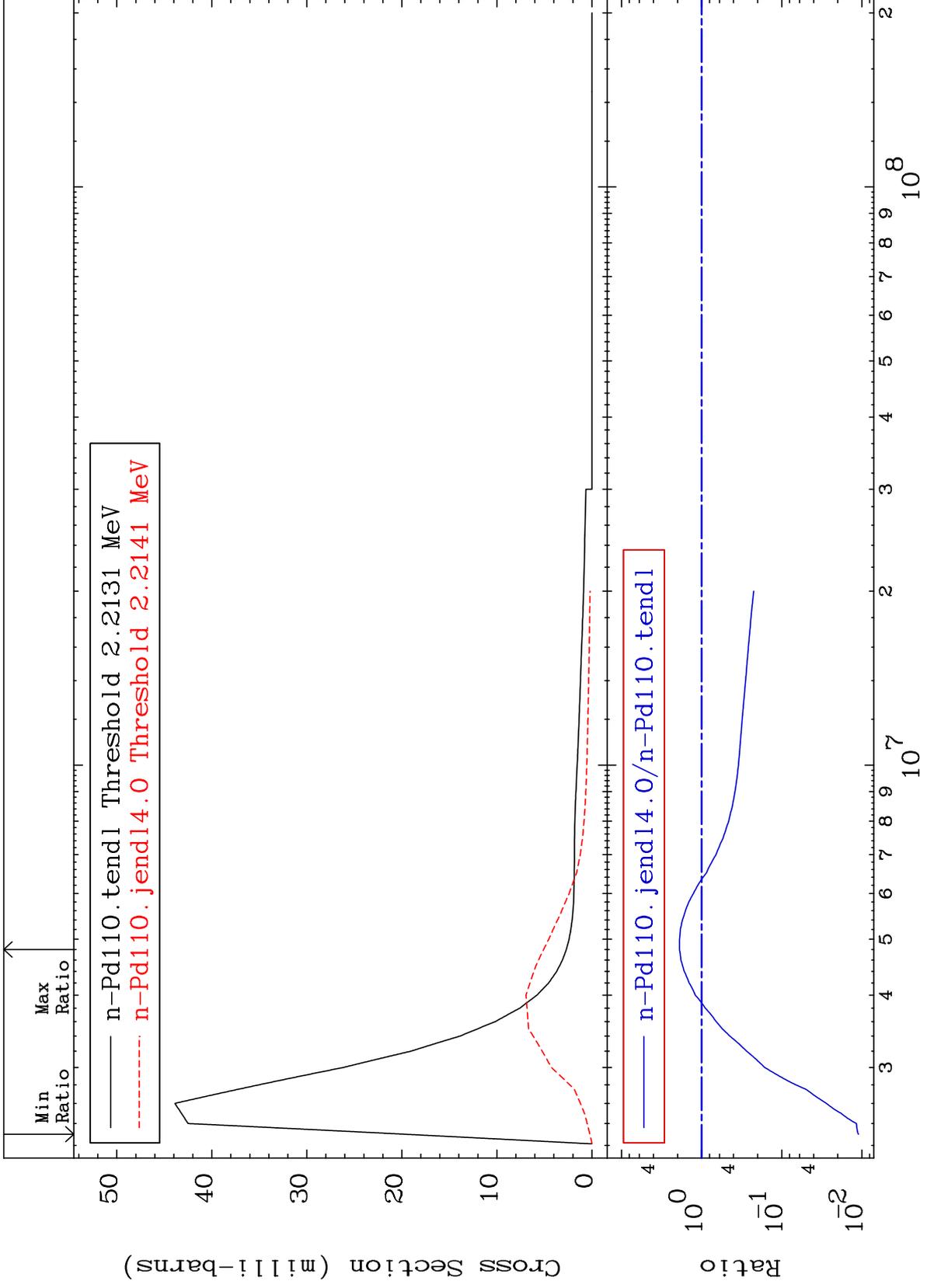
46-Pd-110  
-95.86 To 294.1 %



MAT 4649

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

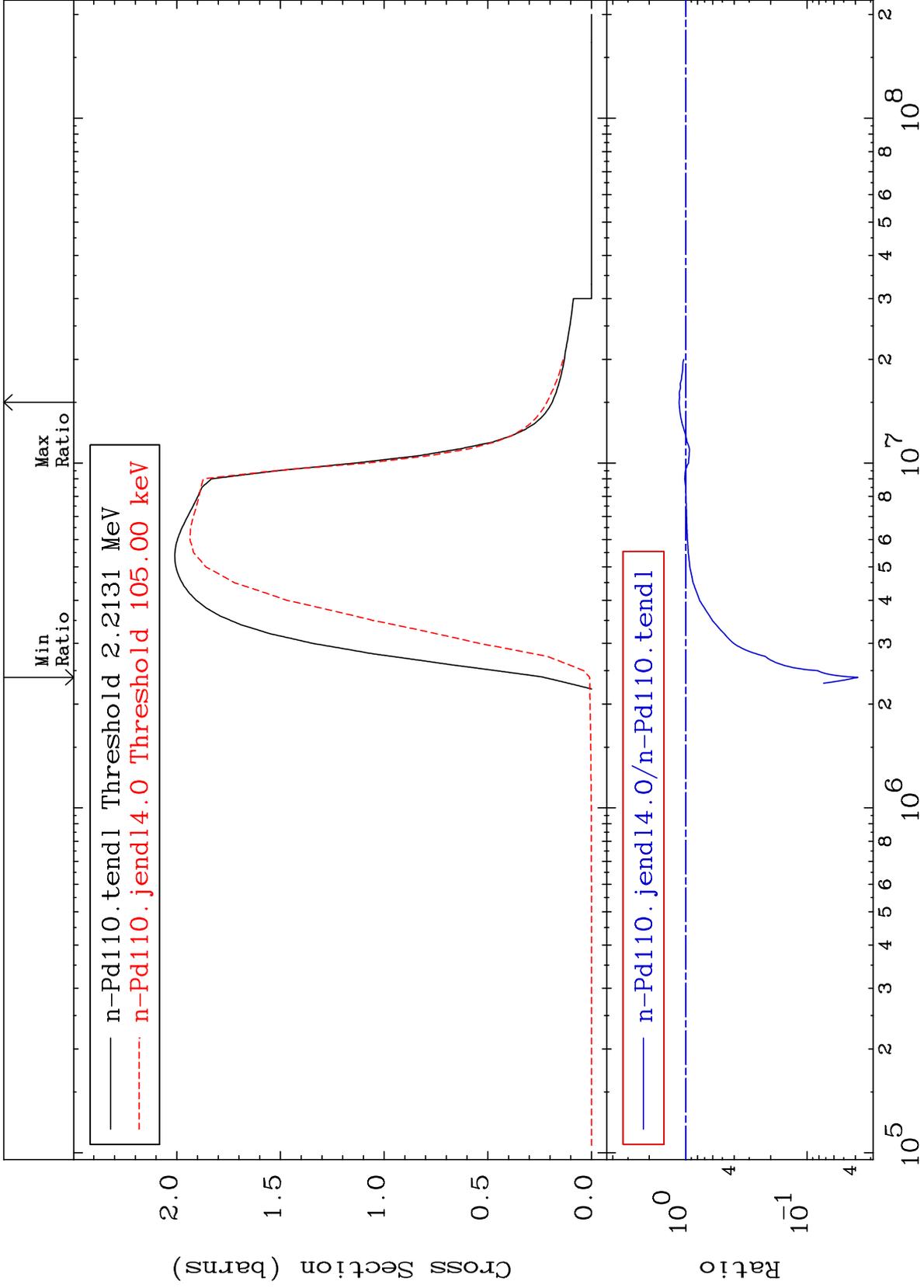
46-Pd-110  
-98.90 To 88.88 %



MAT 4649

(n, n') Continuum  
Cross Section

46-Pd-110  
-96.19 To 13.76 %



38

Incident Energy (eV)

46-Pd-110



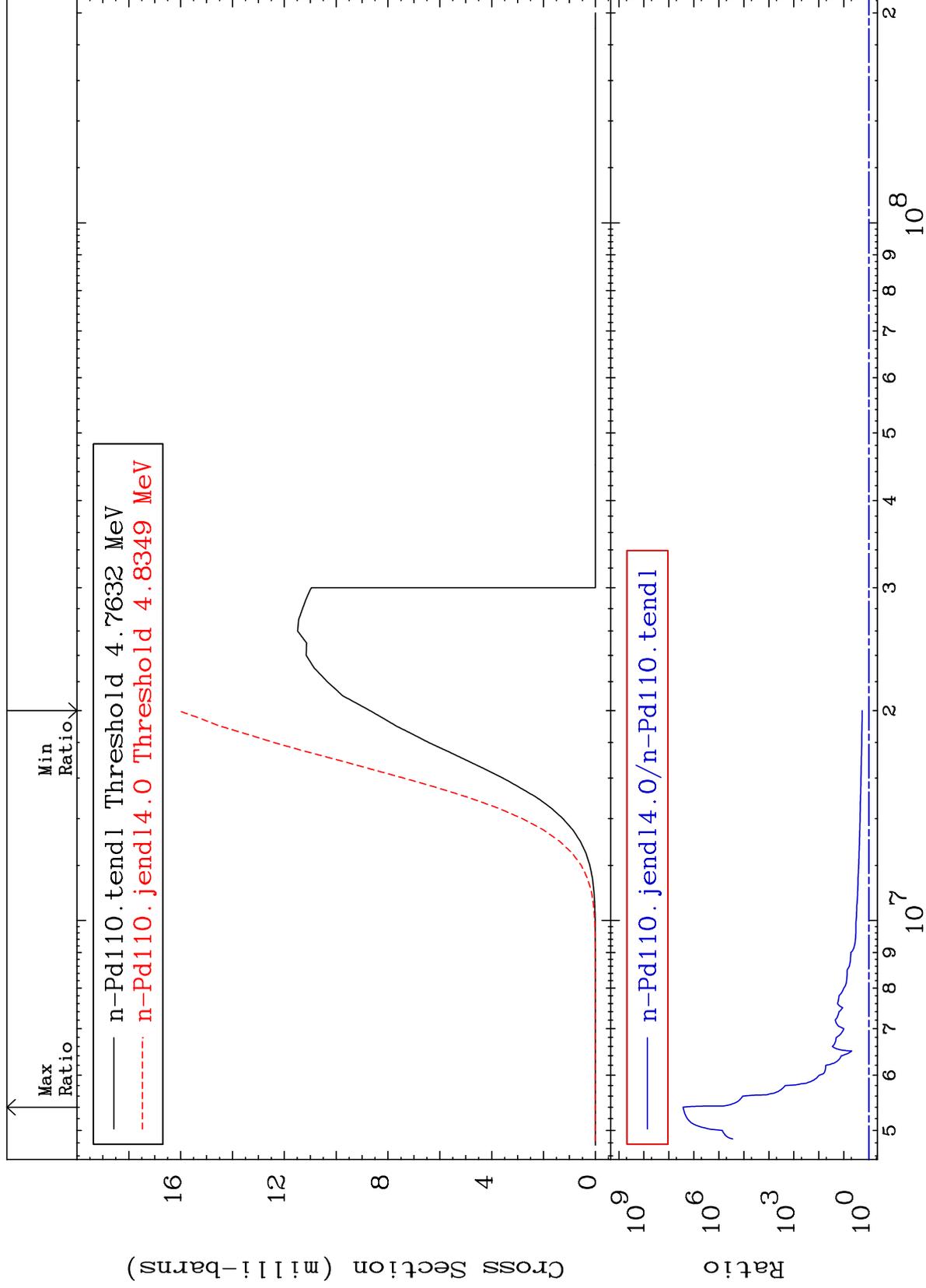
MAT 4649

(n,p)

46-Pd-110

Cross Section

84.97 To 9999. %



40

Incident Energy (eV)

46-Pd-110

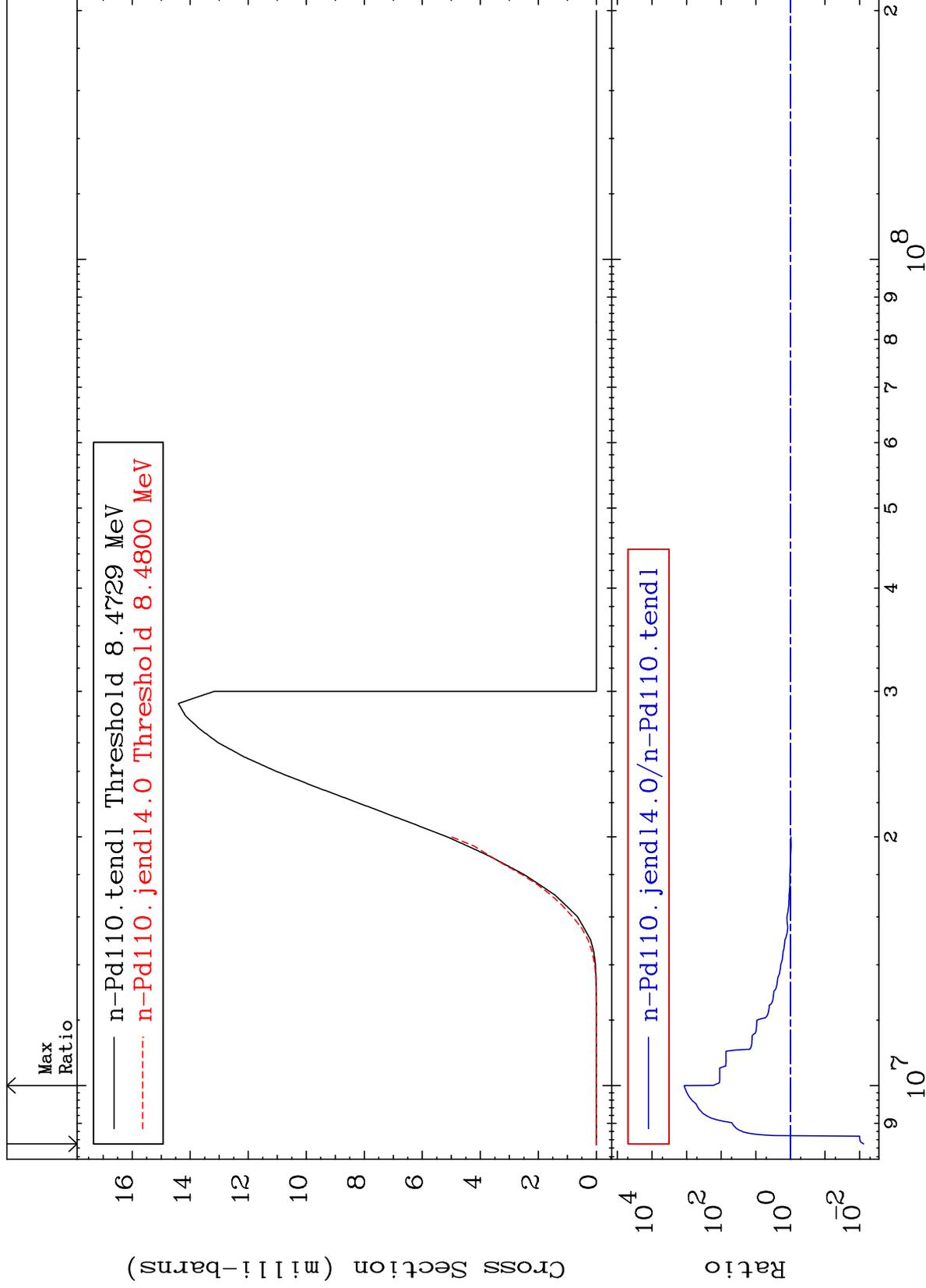
MAT 4649

(n, d)

46-Pd-110

Cross Section

-99.23 To 9999. %



41

Incident Energy (eV)

46-Pd-110

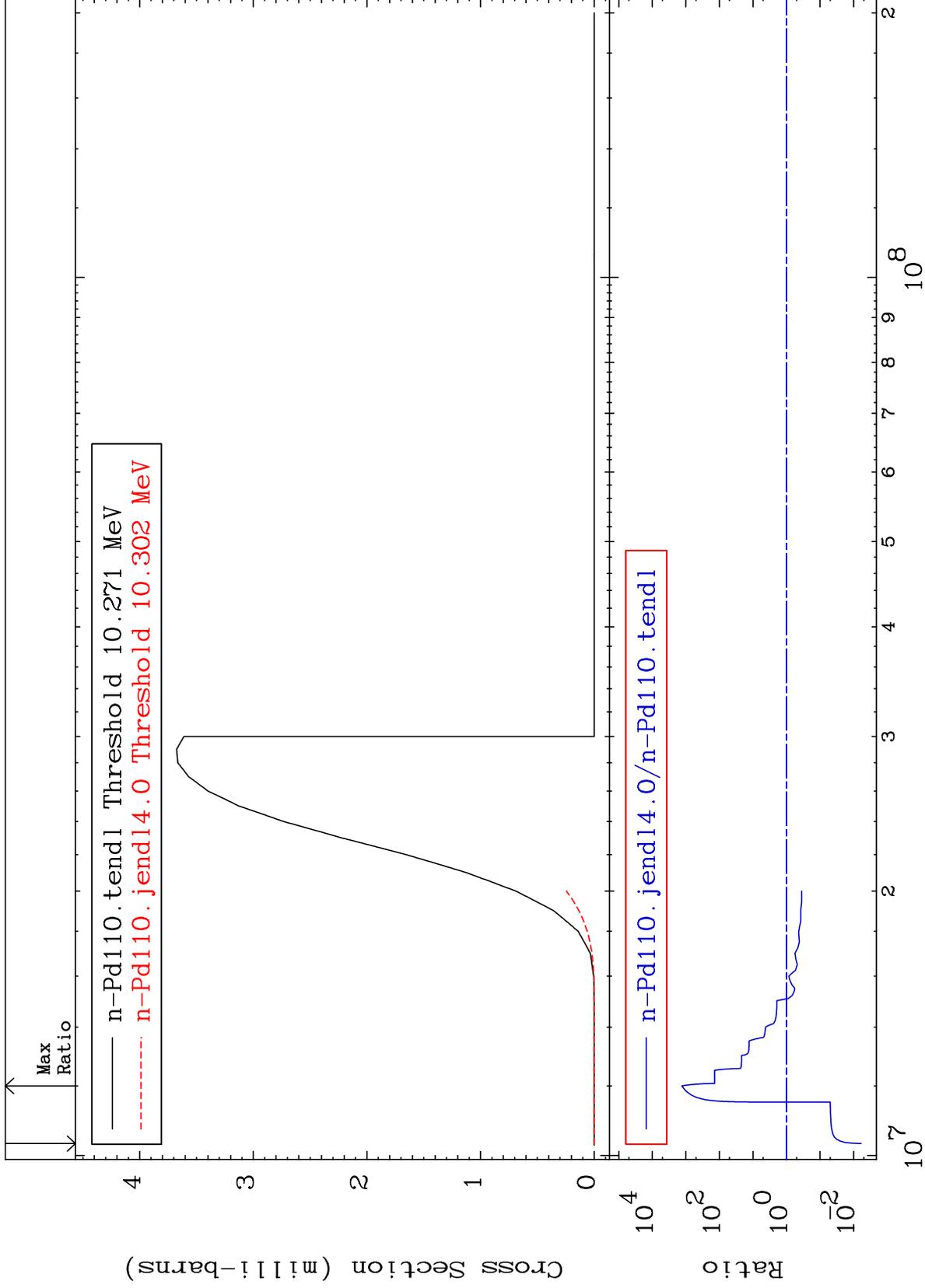
MAT 4649

(n, t)

46-Pd-110

Cross Section

-99.40 To 9999. %

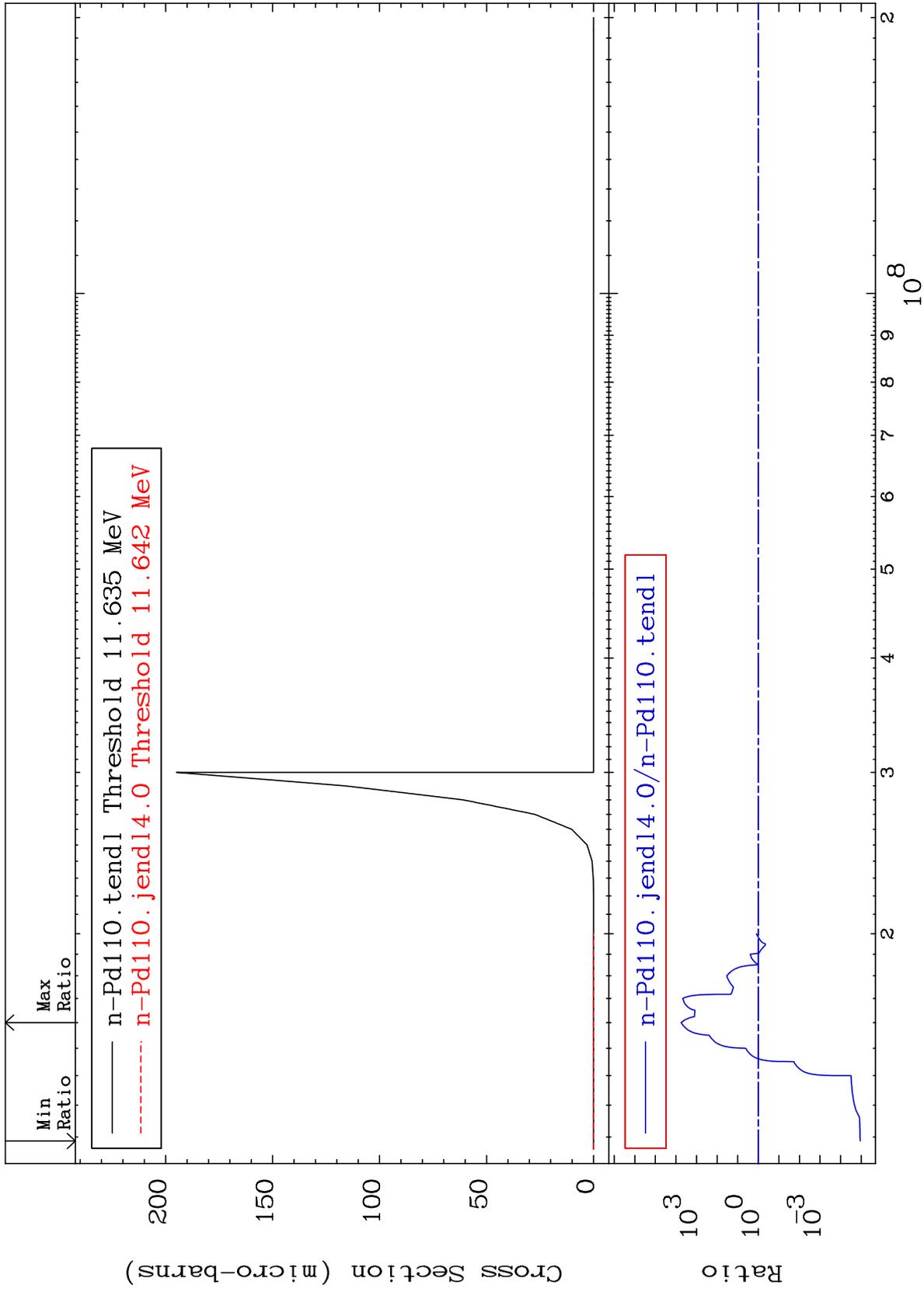


42

46-Pd-110

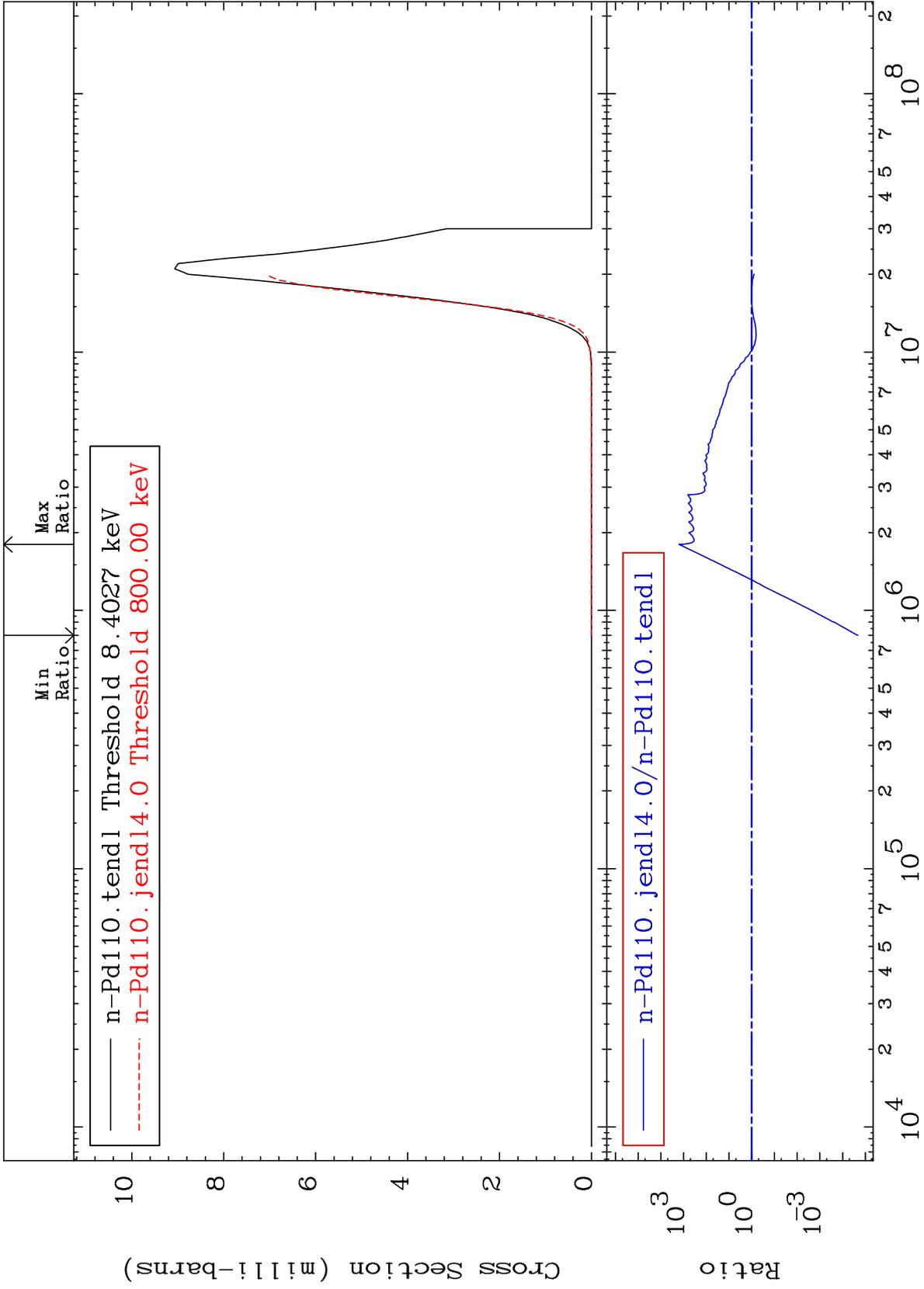
Cross Section

-100.0 To 9999. %



MAT 4649

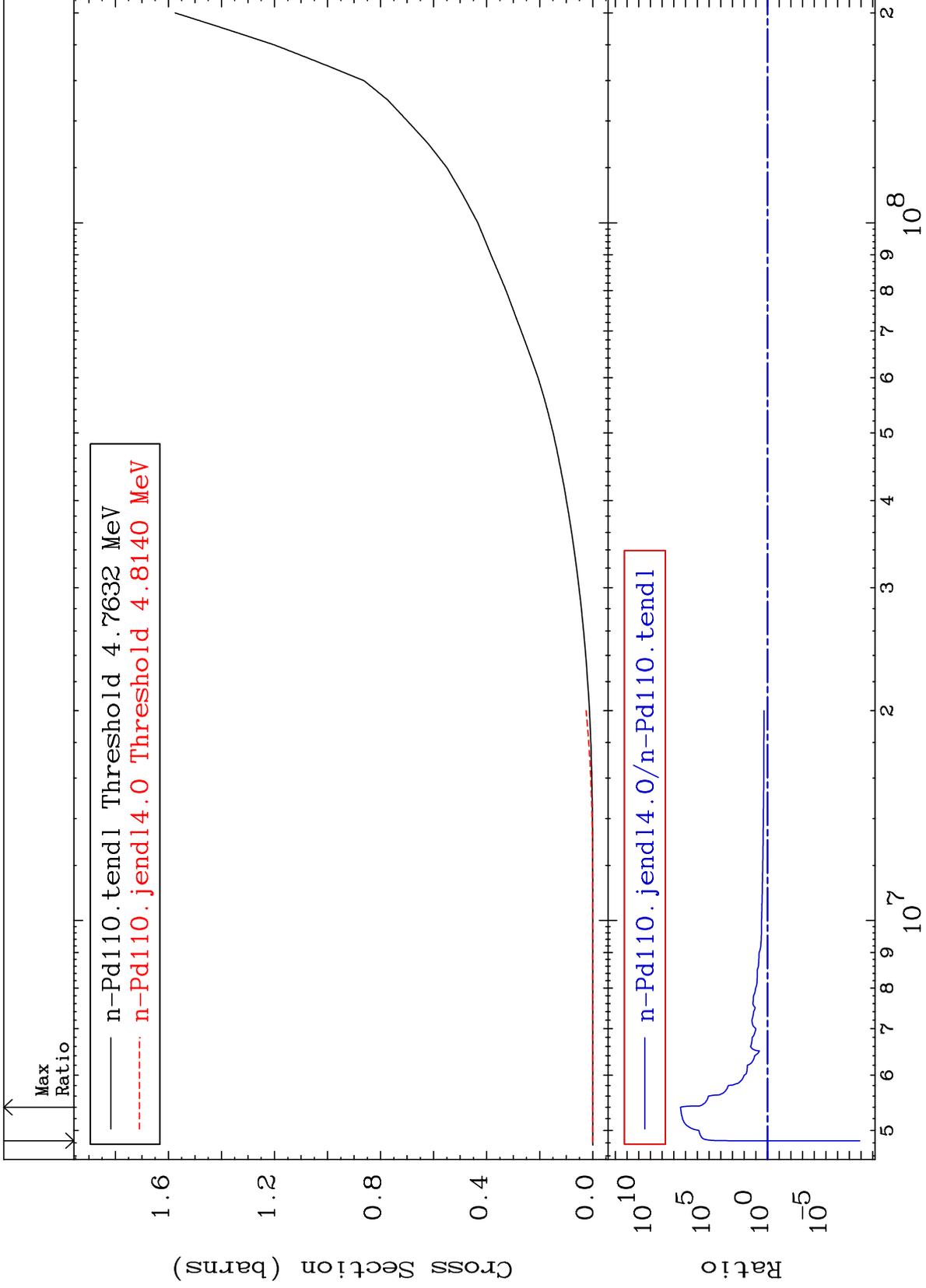
(n,  $\alpha$ )  
Cross Section  
46-Pd-110  
-100.0 To 9999. %



MAT 4649

Hydrogen Production  
Cross Section

46-Pd-110  
-100.0 To 9999. %



45

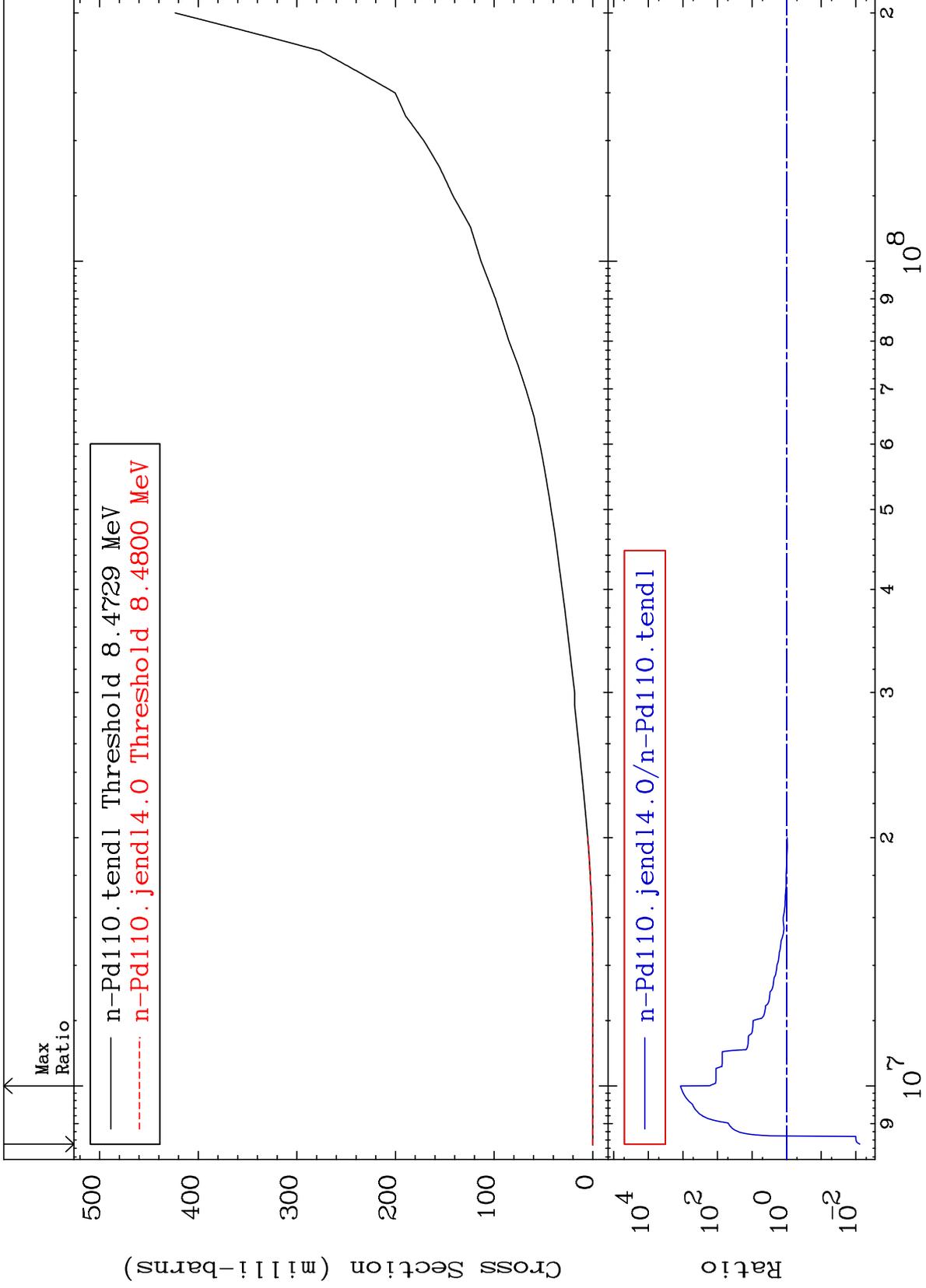
Incident Energy (eV)

46-Pd-110

MAT 4649

Deuterium Production  
Cross Section

46-Pd-110  
-99.23 To 9999. %



46

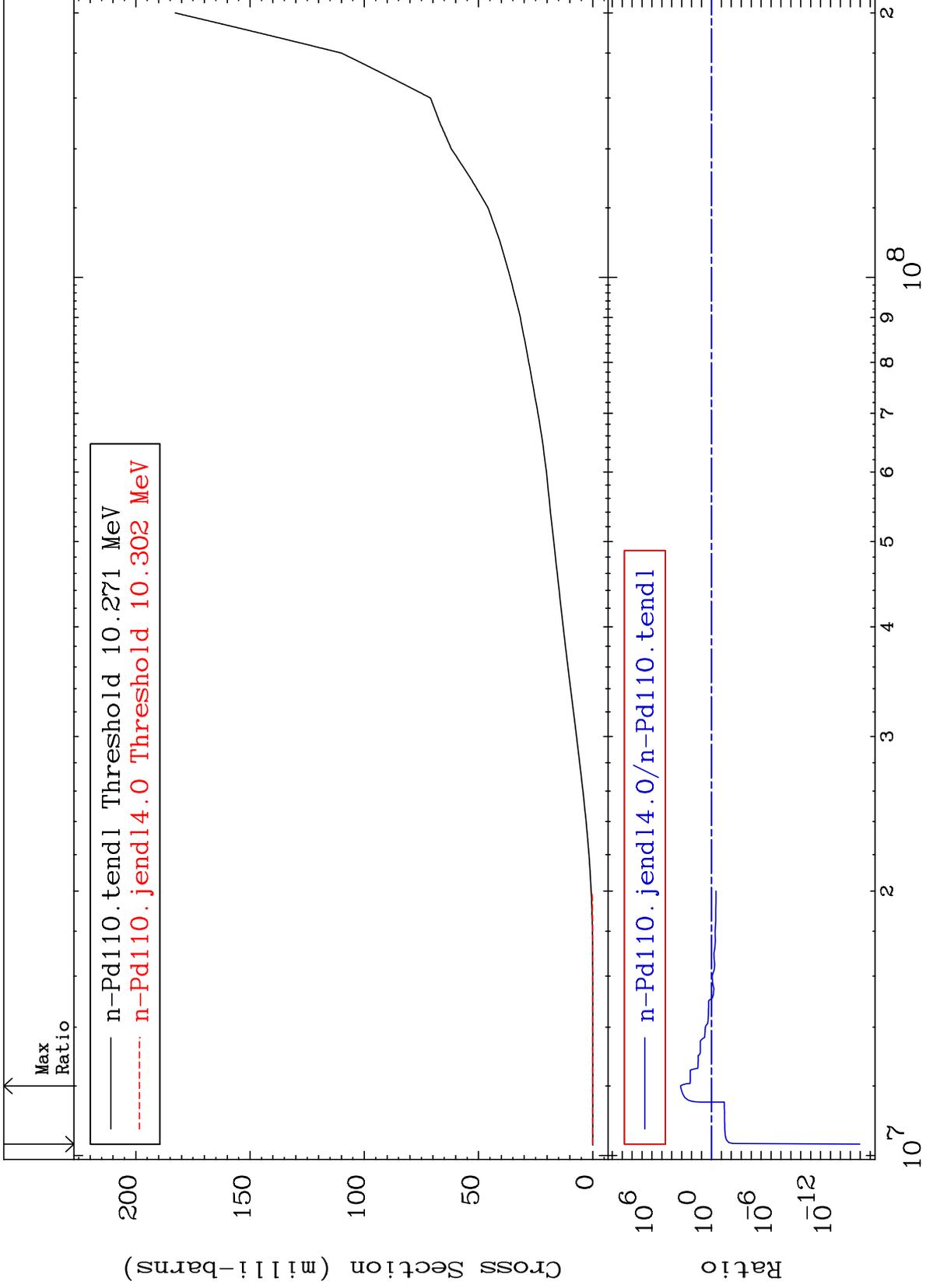
Incident Energy (eV)

46-Pd-110

MAT 4649

Tritium Production  
Cross Section

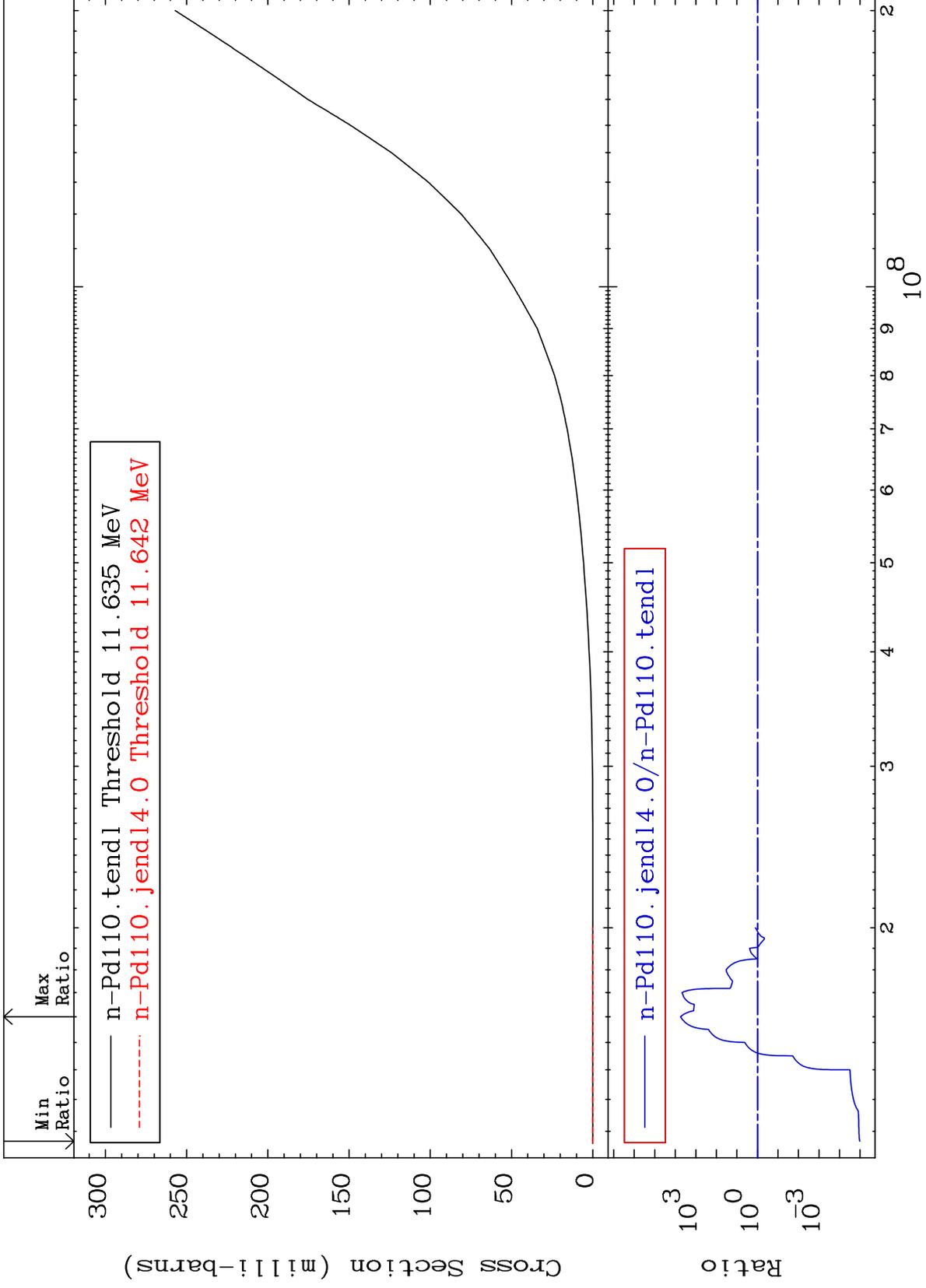
46-Pd-110  
-100.0 To 9999. %



47

Incident Energy (eV)

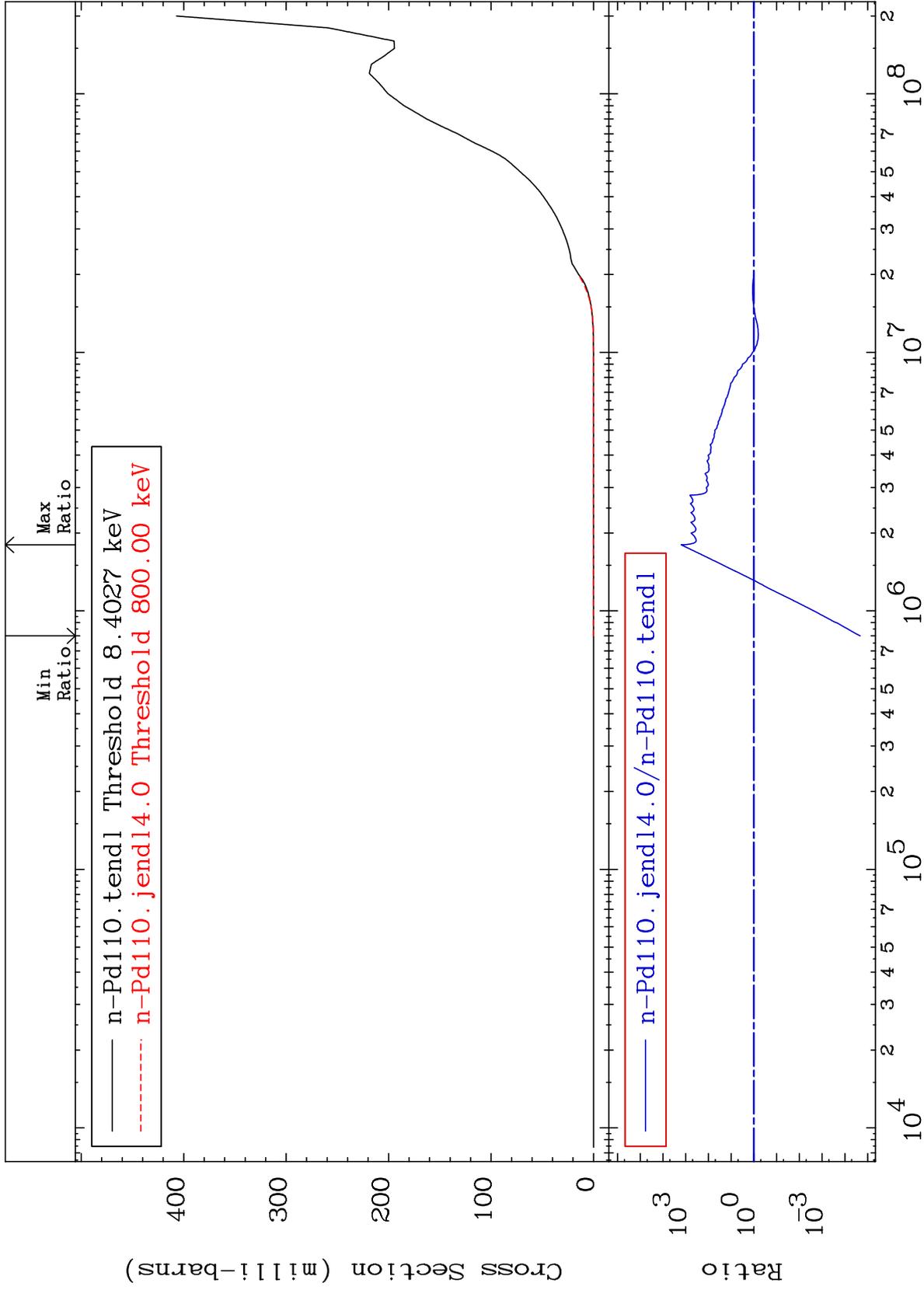
46-Pd-110



MAT 4649

He-4 Production  
Cross Section

46-Pd-110  
-100.0 To 9999. %



49

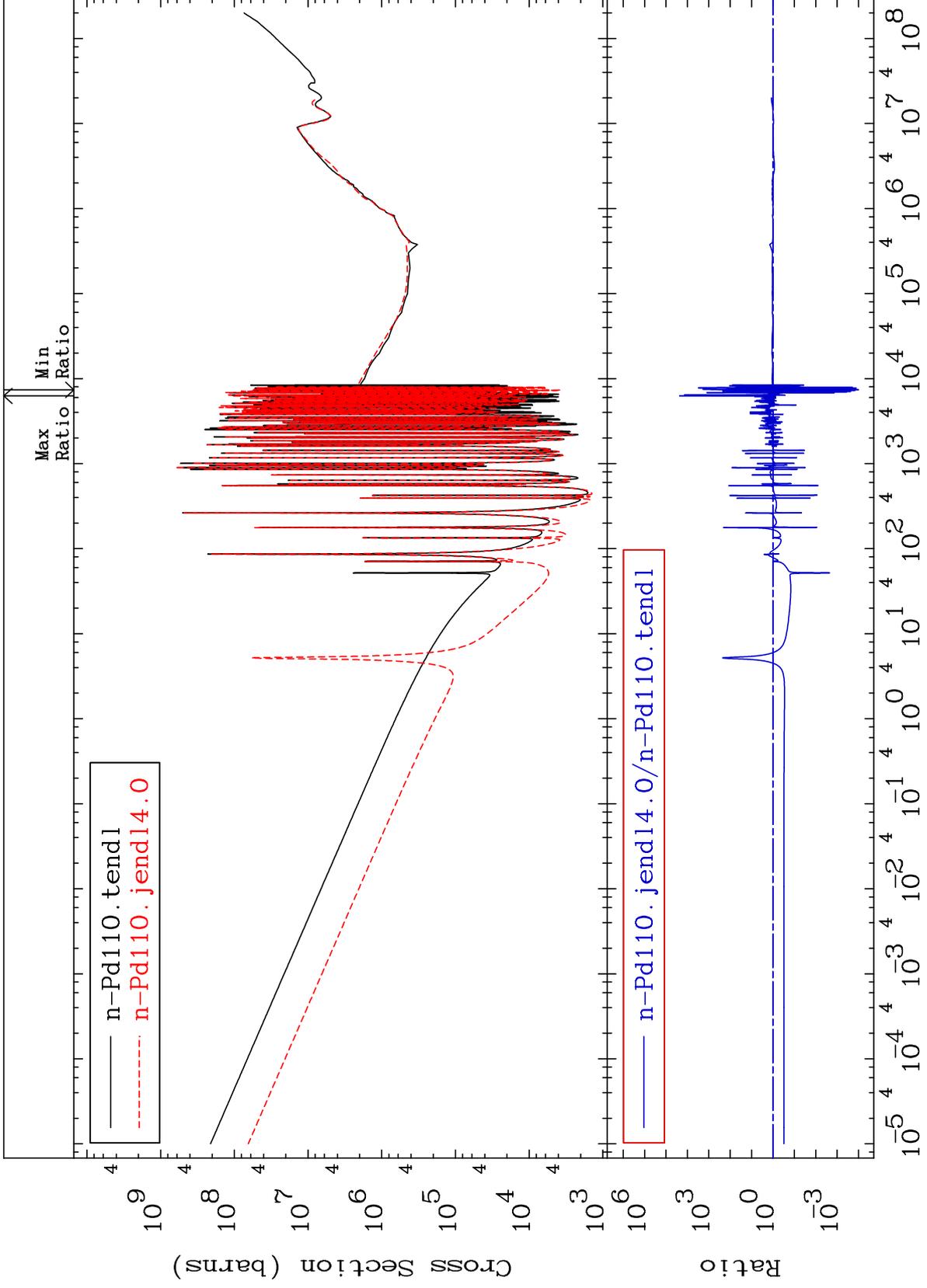
46-Pd-110

46-Pd-110

MAT 4649

Kerma total (eV-barns)  
Cross Section

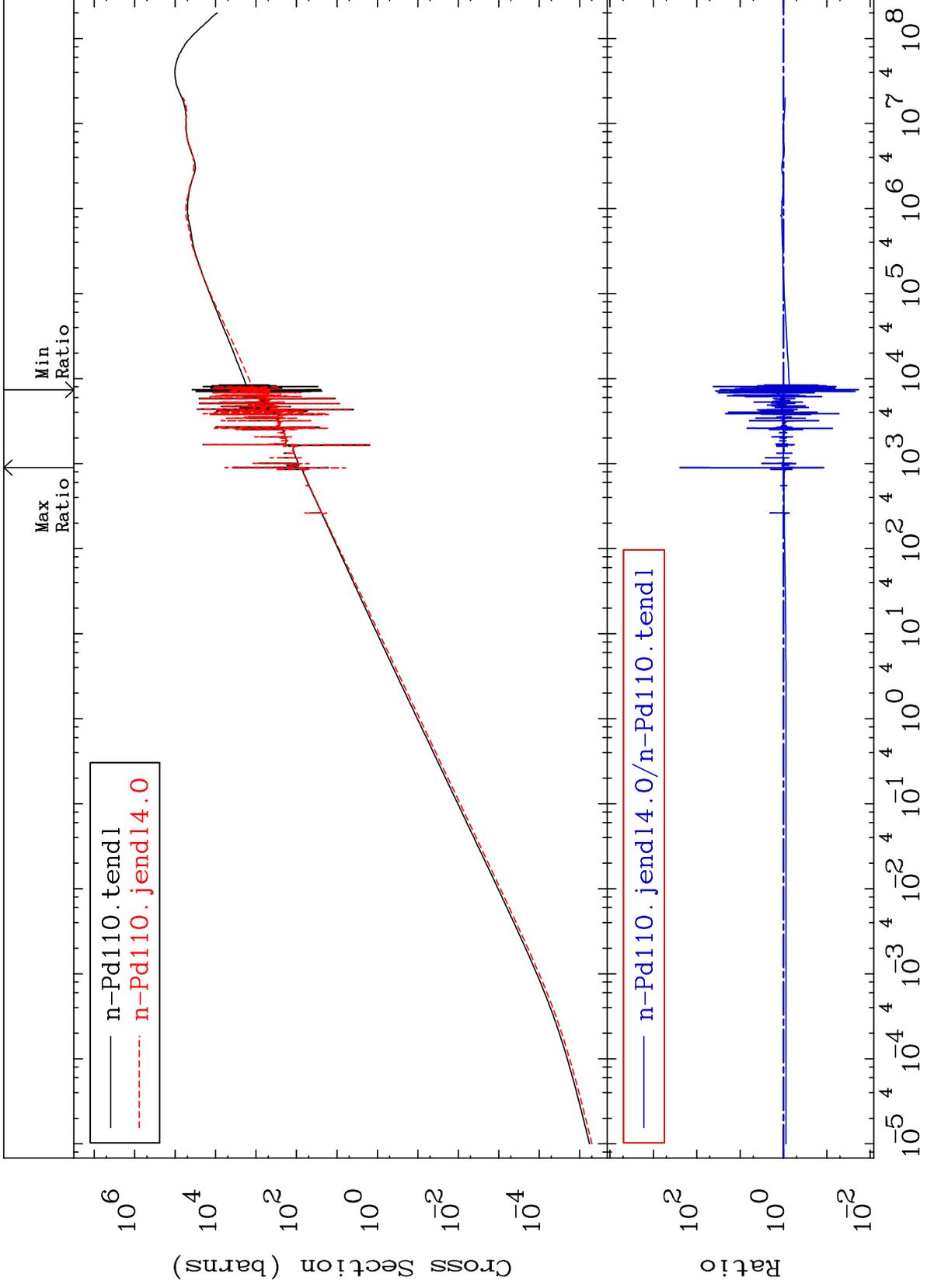
46-Pd-110  
-99.99 To 9999. %

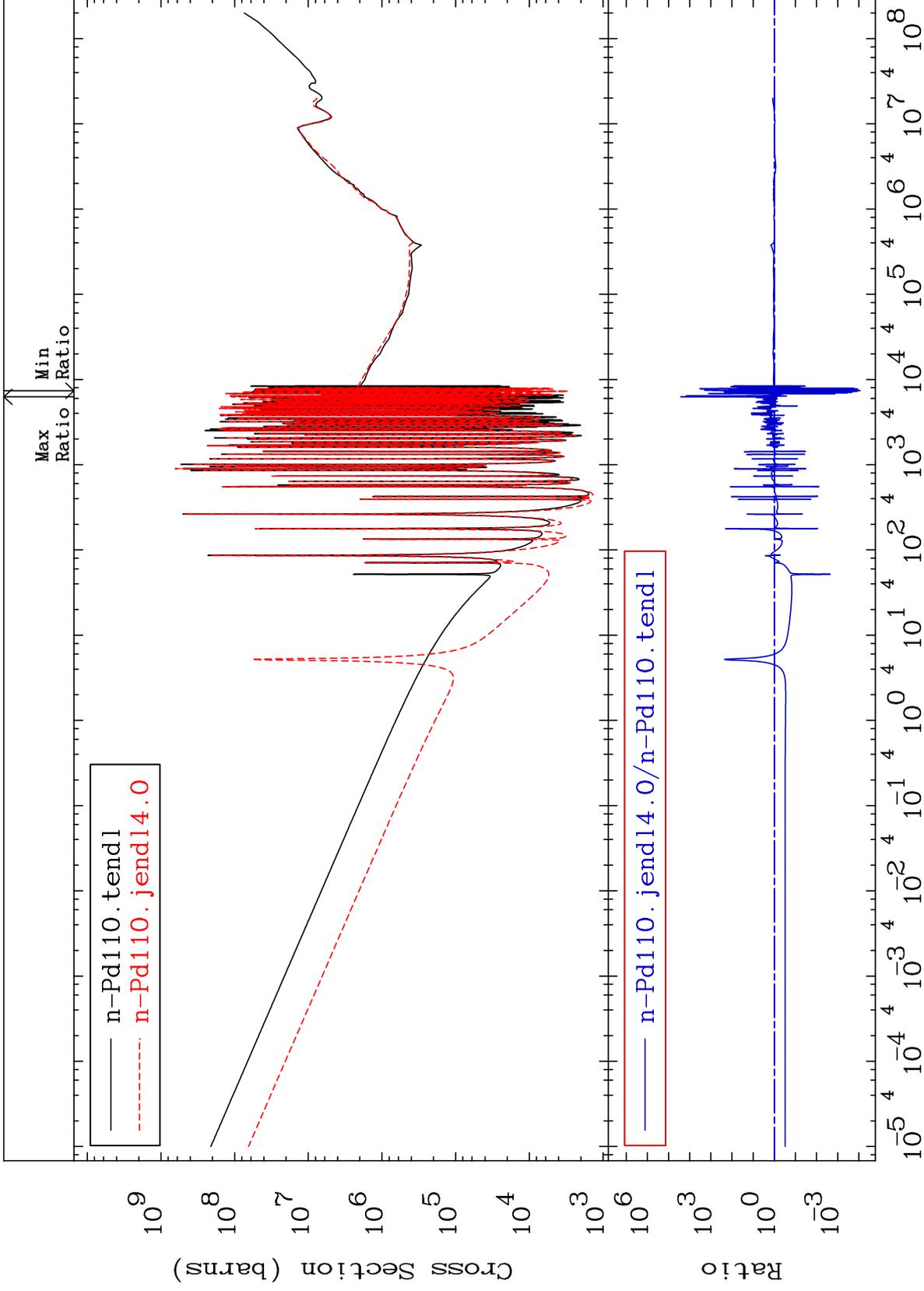


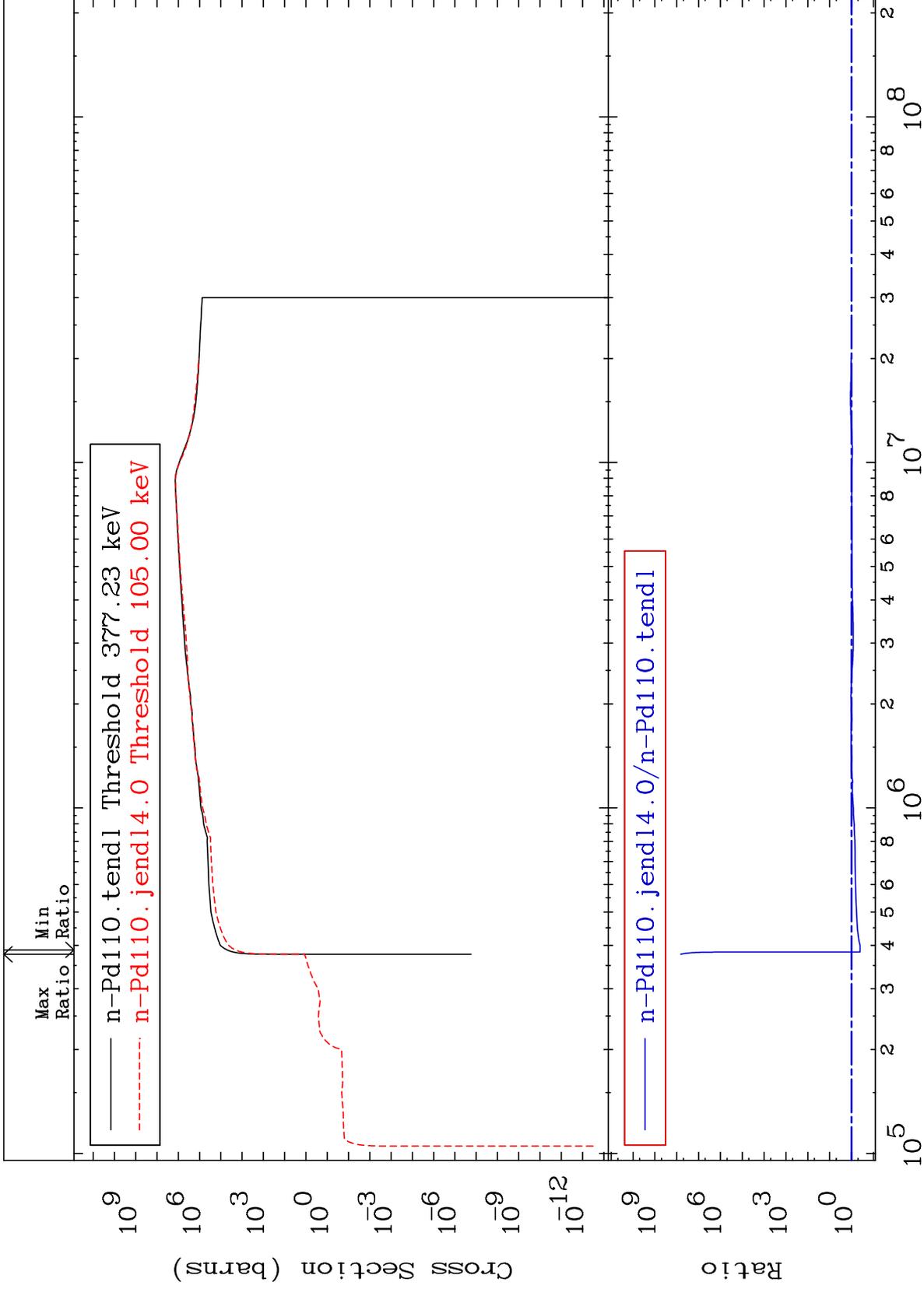
MAT 4649

Kerma elastic  
Cross Section

46-Pd-110  
-98.14 To 9999. %



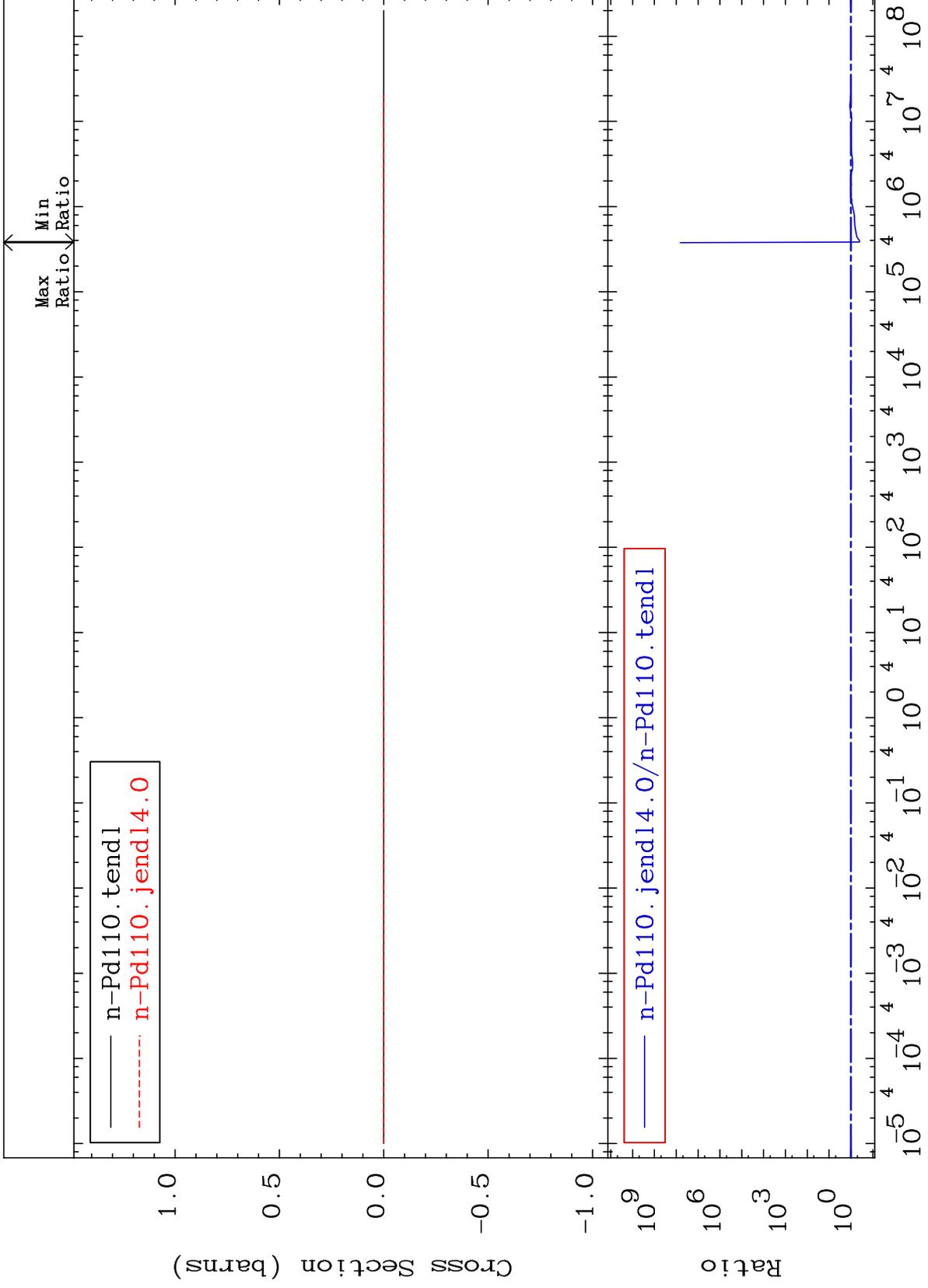




MAT 4649

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

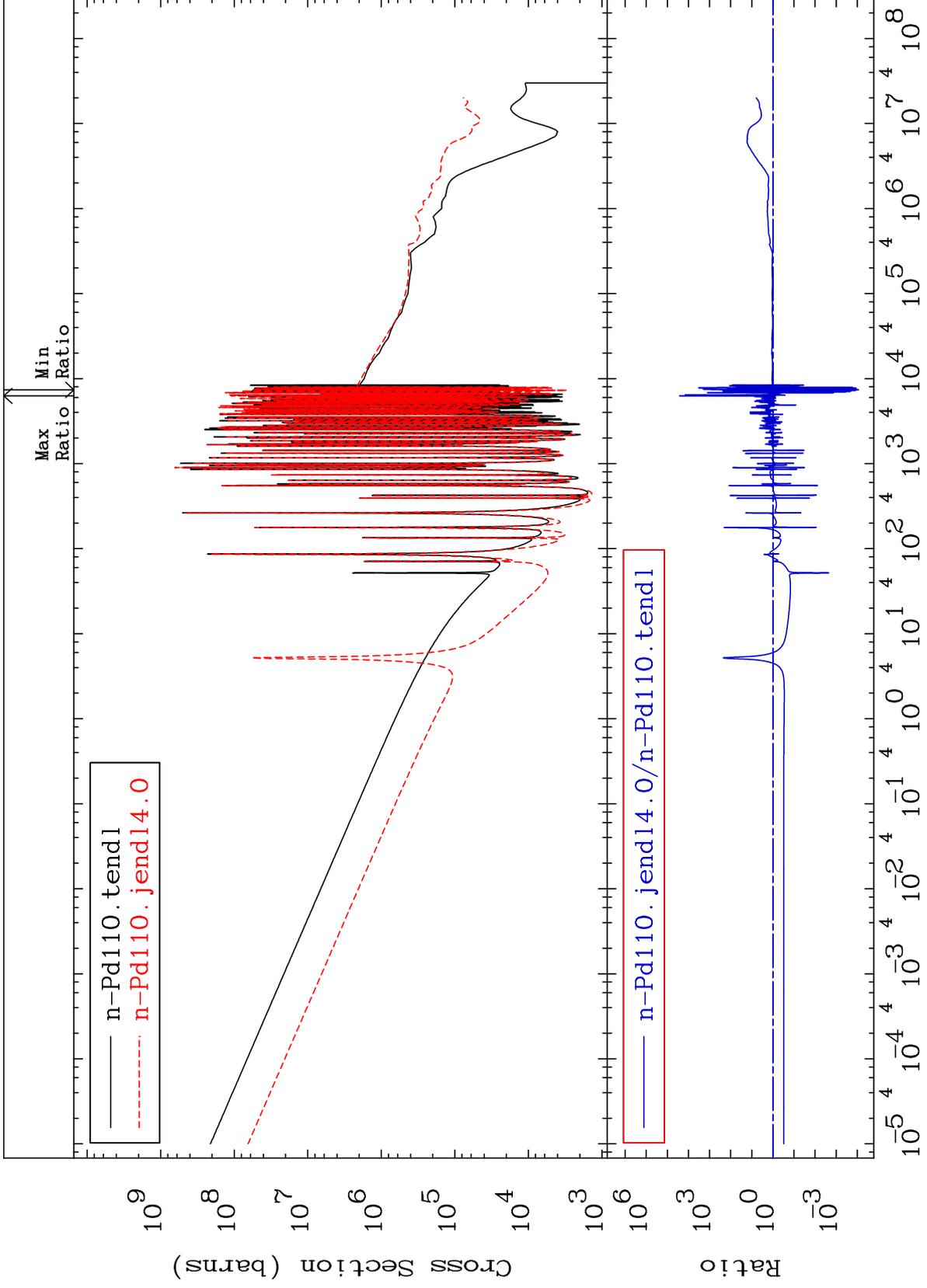
46-Pd-110  
-59.50 To 9999. %



MAT 4649

Kerma capture (mt102)  
Cross Section

46-Pd-110  
-99.99 To 9999. %



55

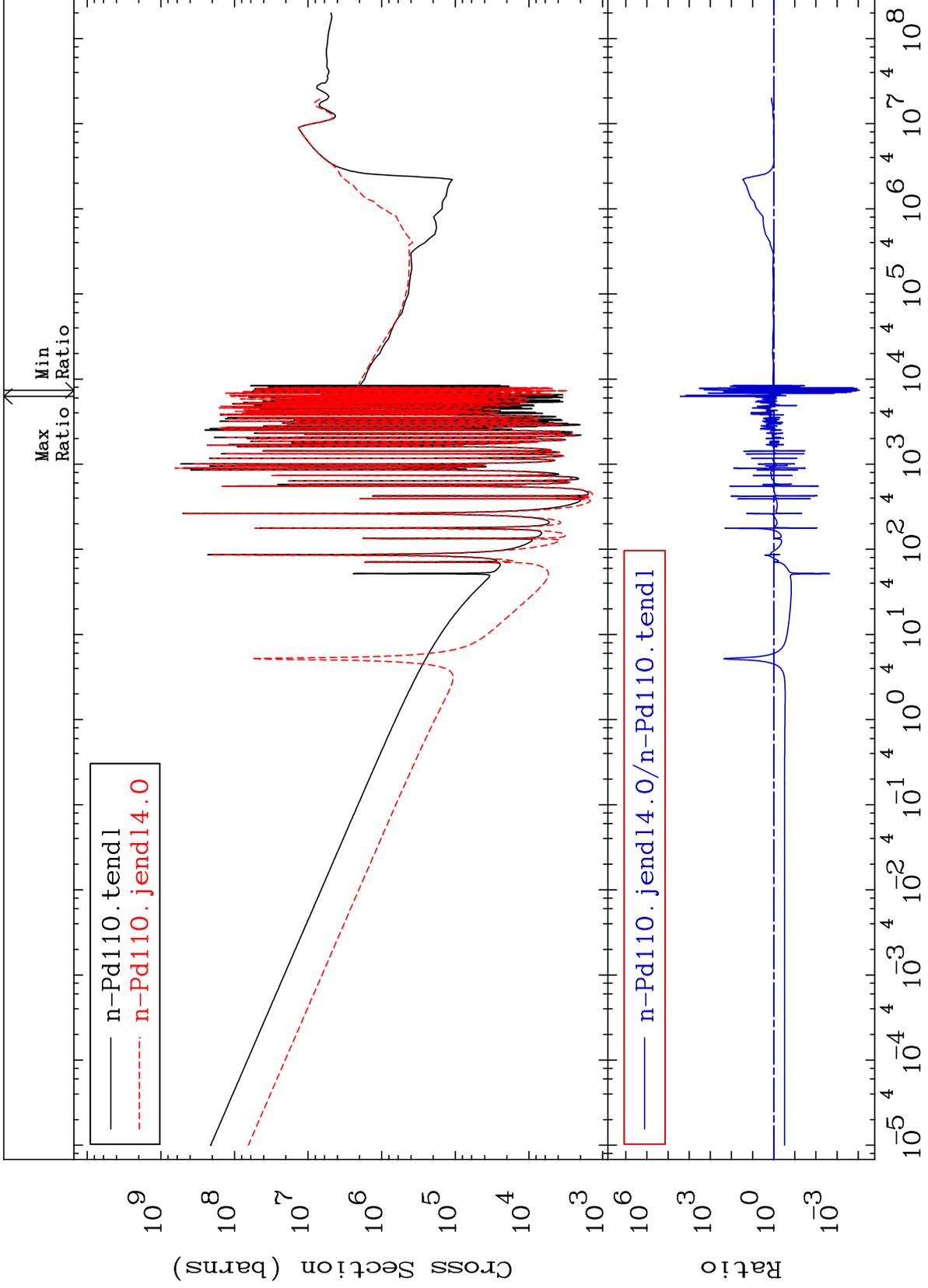
Incident Energy (eV)

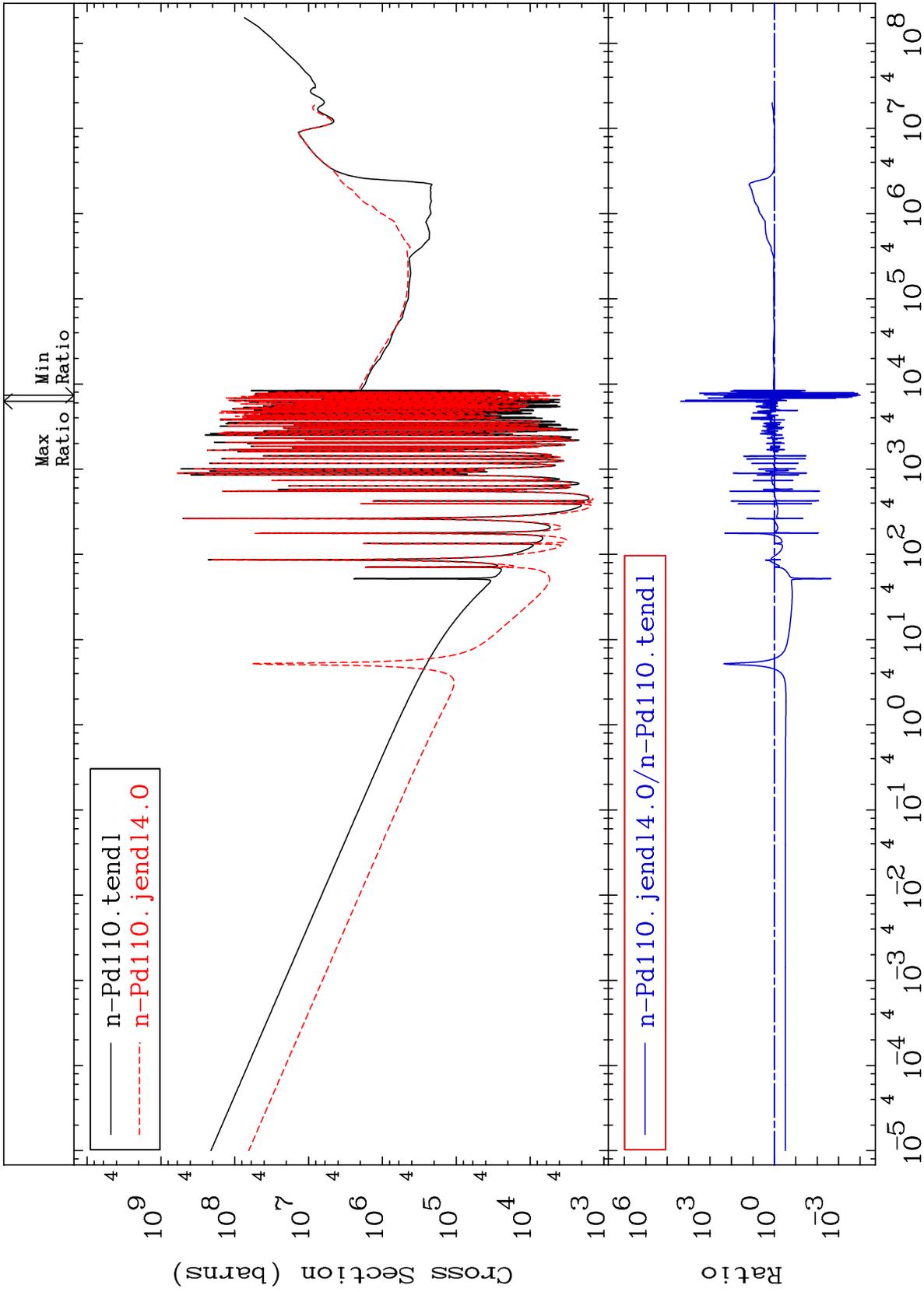
46-Pd-110

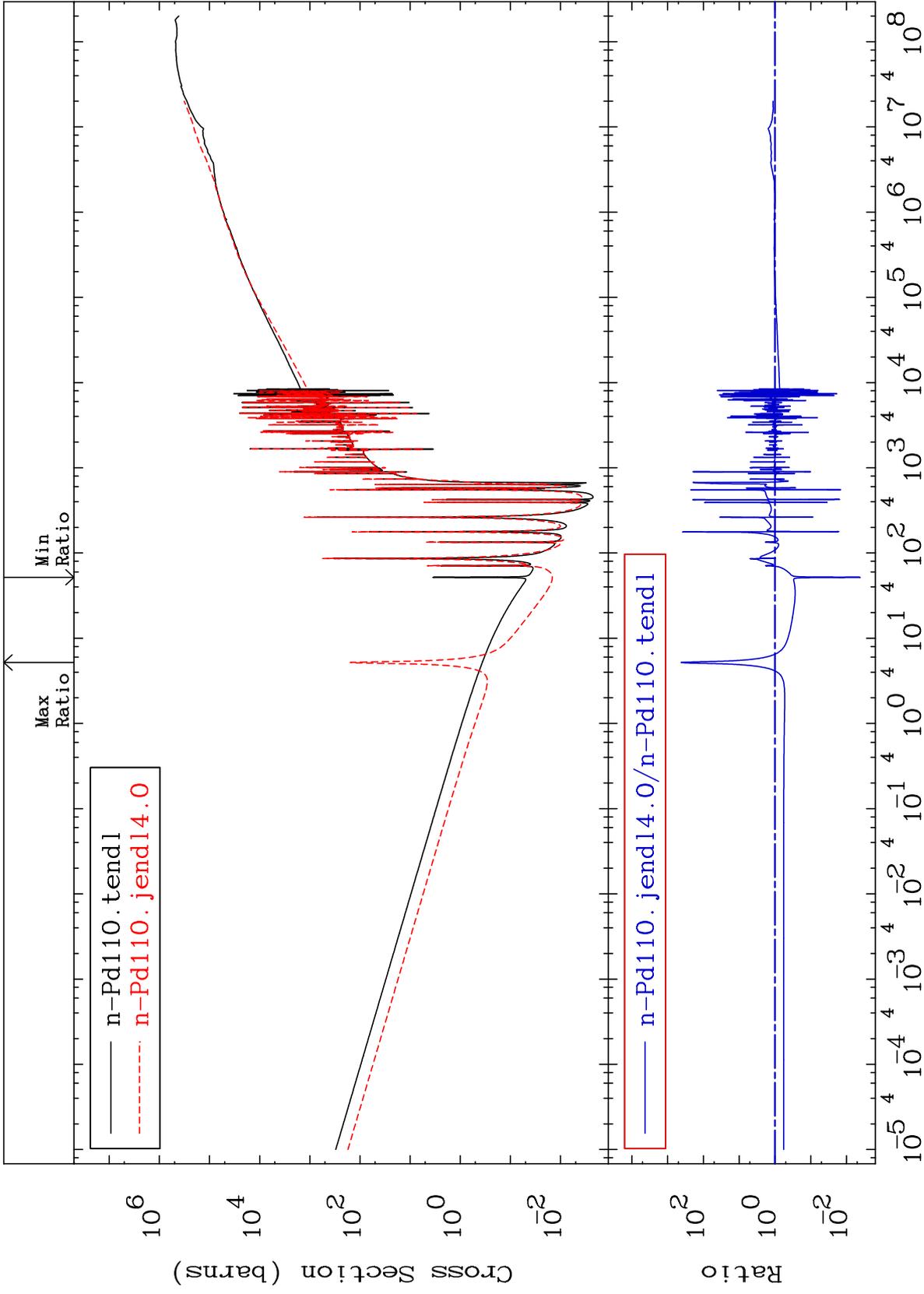
MAT 4649

Total photon (eV-barns)  
Cross Section

46-Pd-110  
-99.99 To 9999. %



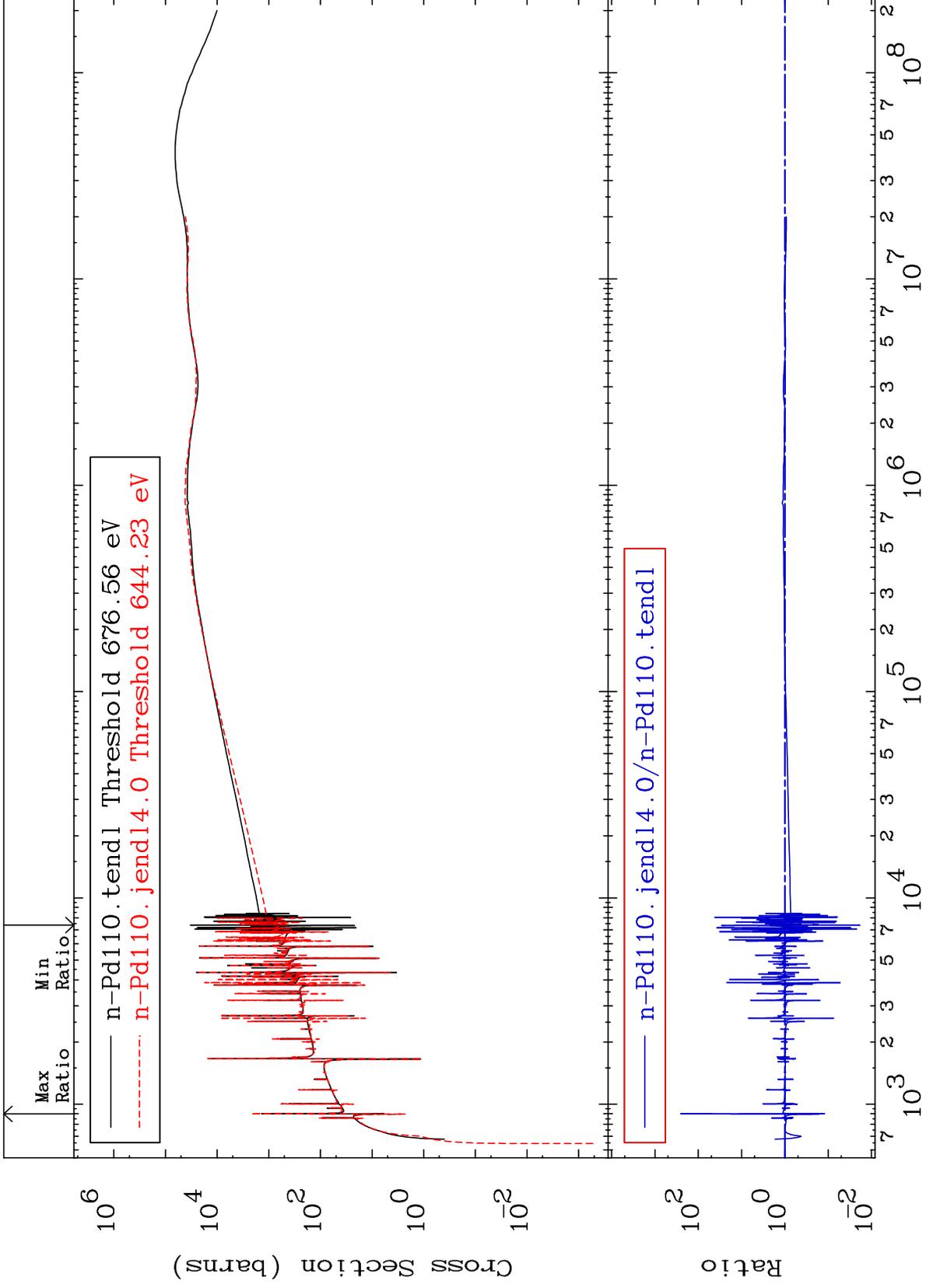




MAT 4649

Dpa elastic (mt2)  
Cross Section

46-Pd-110  
-98.13 To 9999. %



59

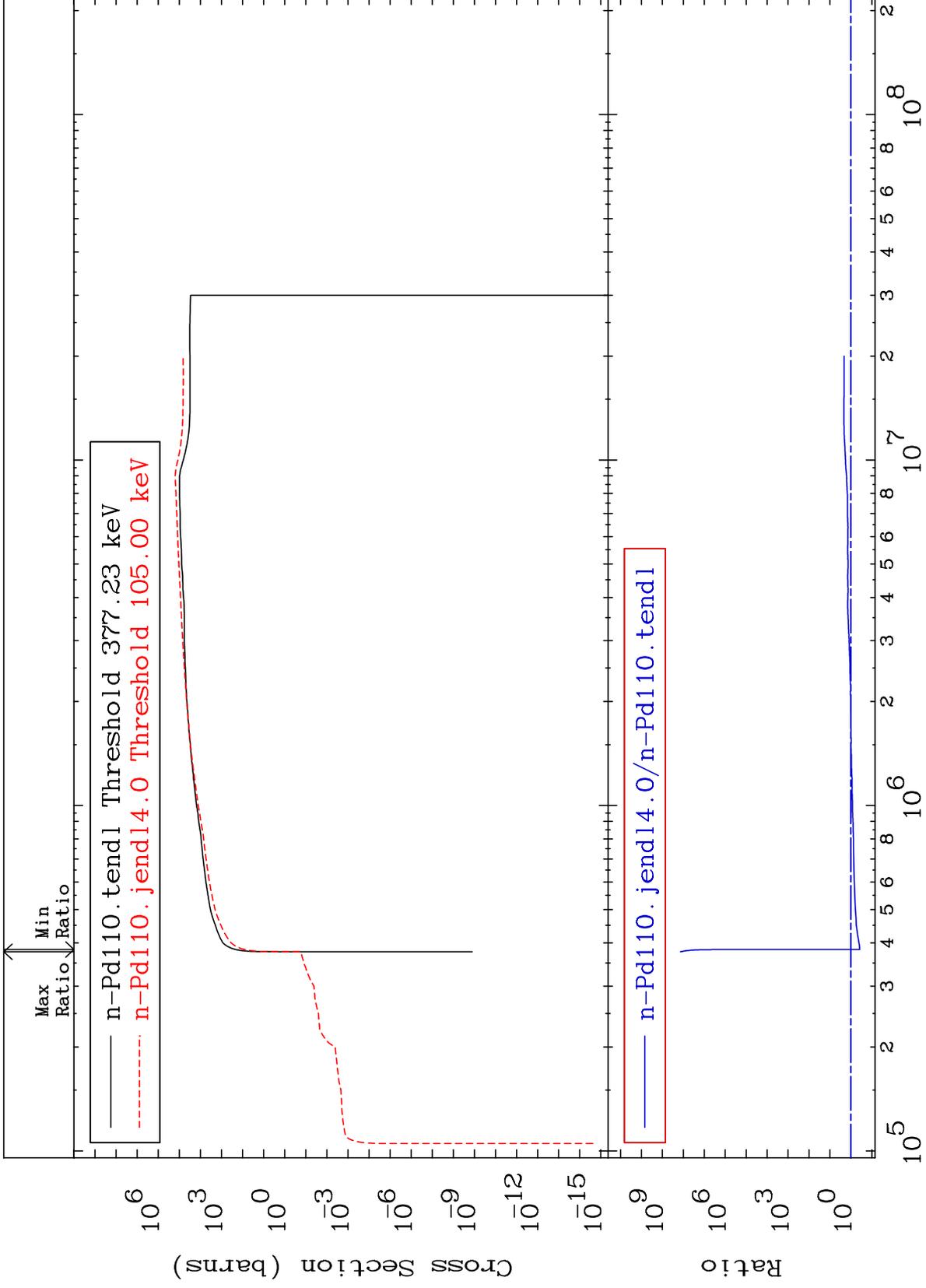
46-Pd-110

46-Pd-110

MAT 4649

Dpa inelastic (mt51-91)  
Cross Section

46-Pd-110  
-62.46 To 9999. %



60

Incident Energy (eV)

46-Pd-110

