

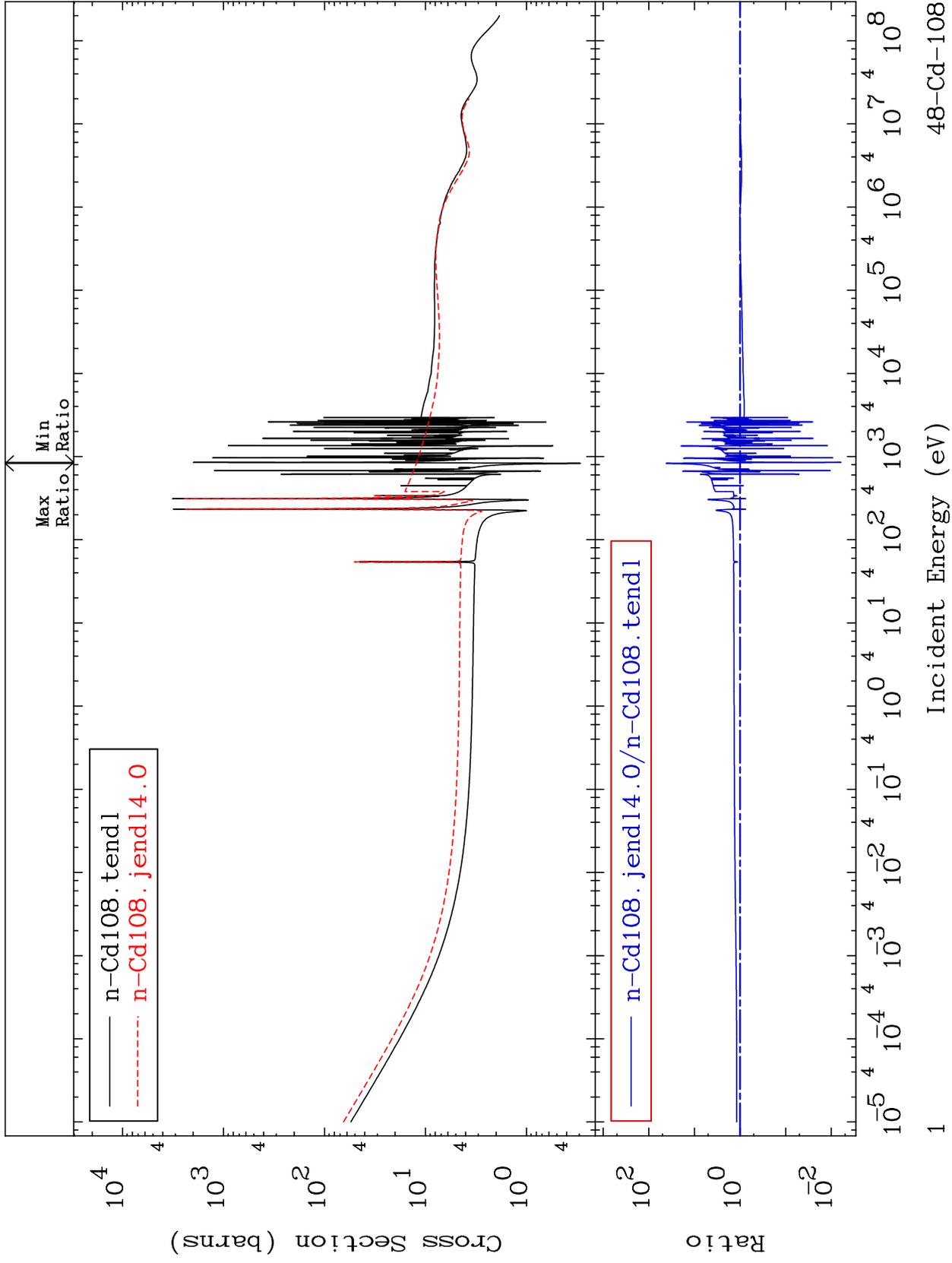
MAT 4831

Total

48-Cd-108

Cross Section

-99.39 To 4107. %



Incident Energy (eV)

48-Cd-108

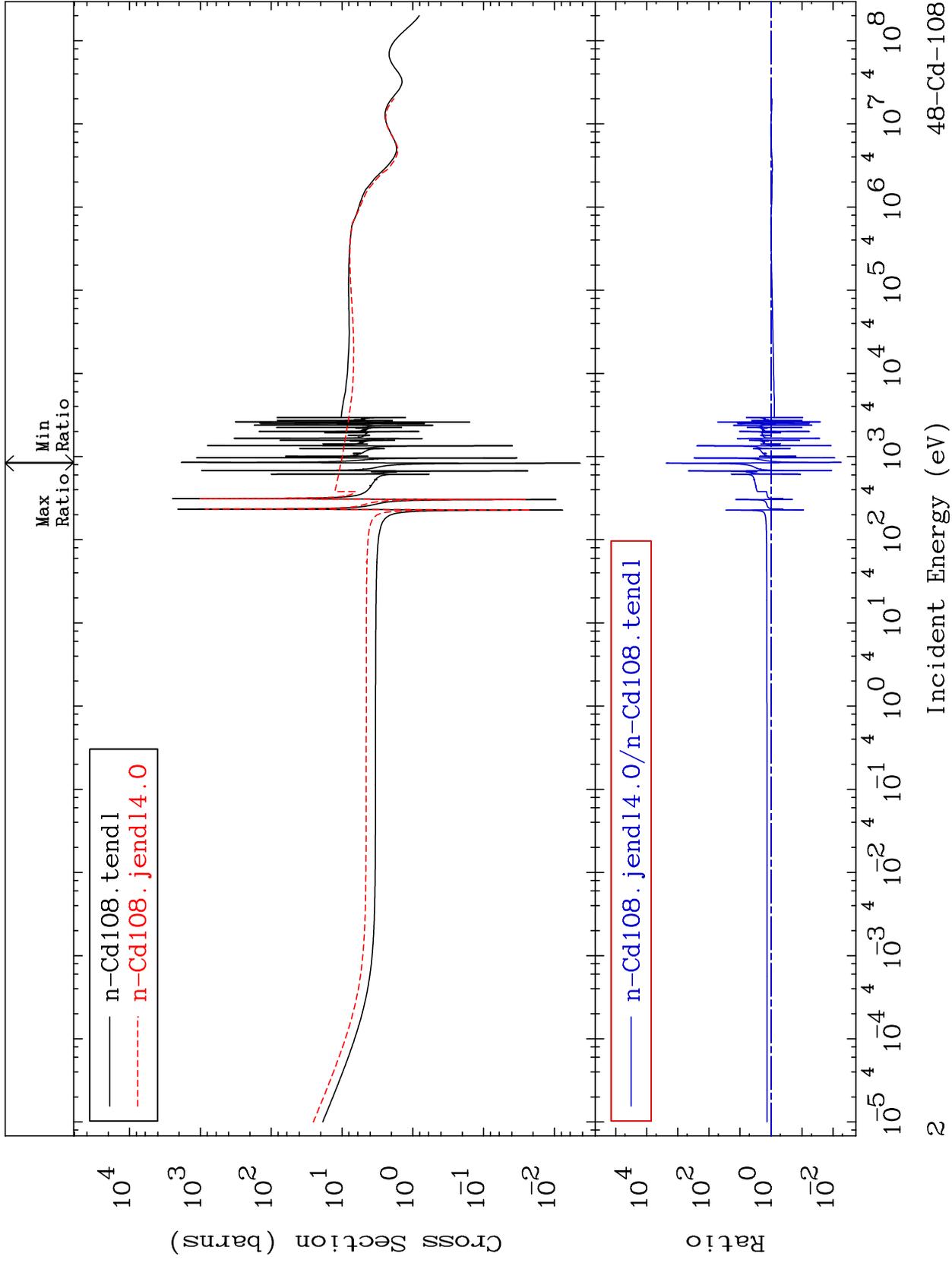
MAT 4831

Elastic

Cross Section

48-Cd-108

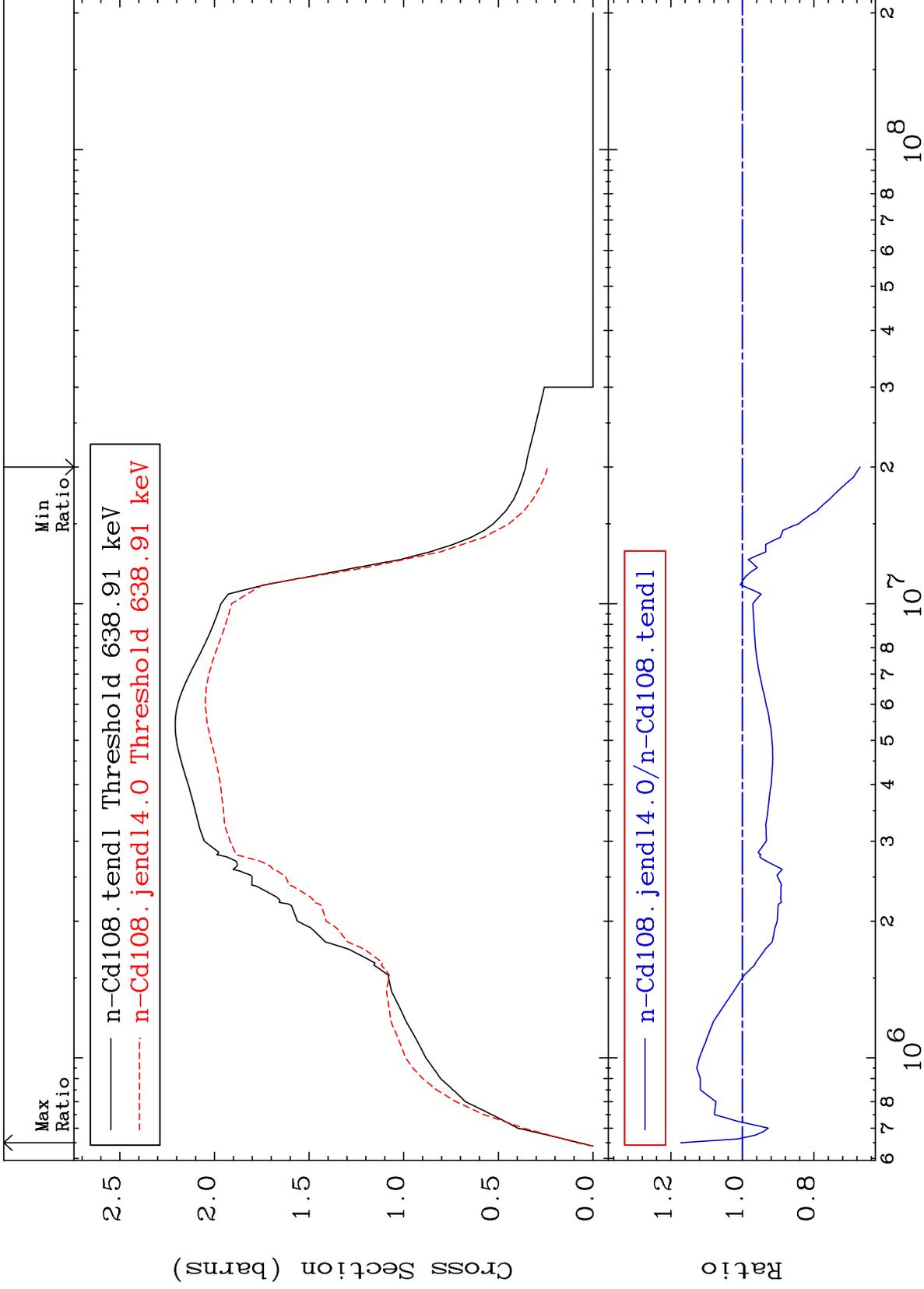
-99.44 To 9999. %



MAT 4831

Inelastic
Cross Section

48-Cd-108
-32.87 To 17.24 %



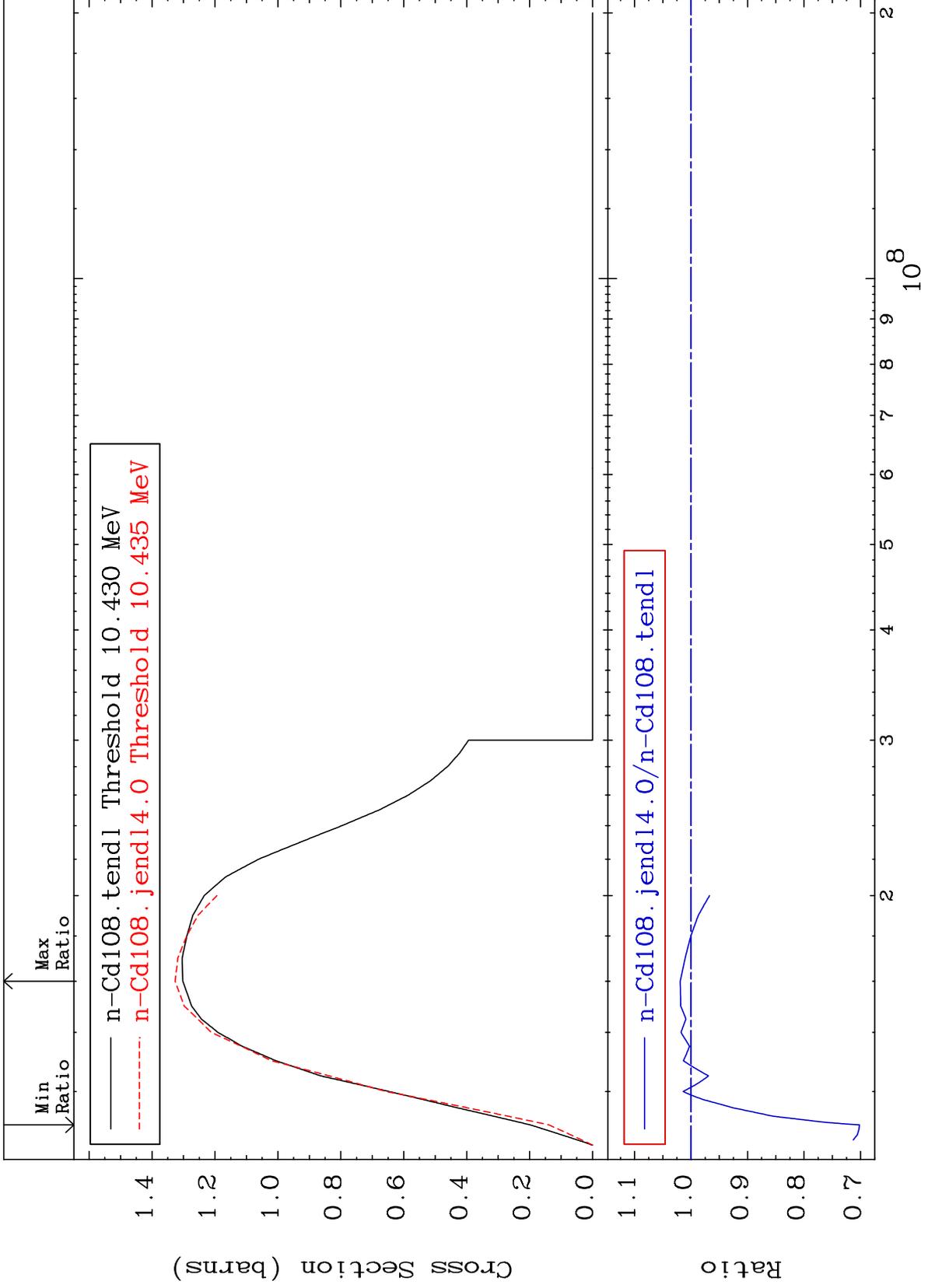
MAT 4831

(n,2n)

48-Cd-108

Cross Section

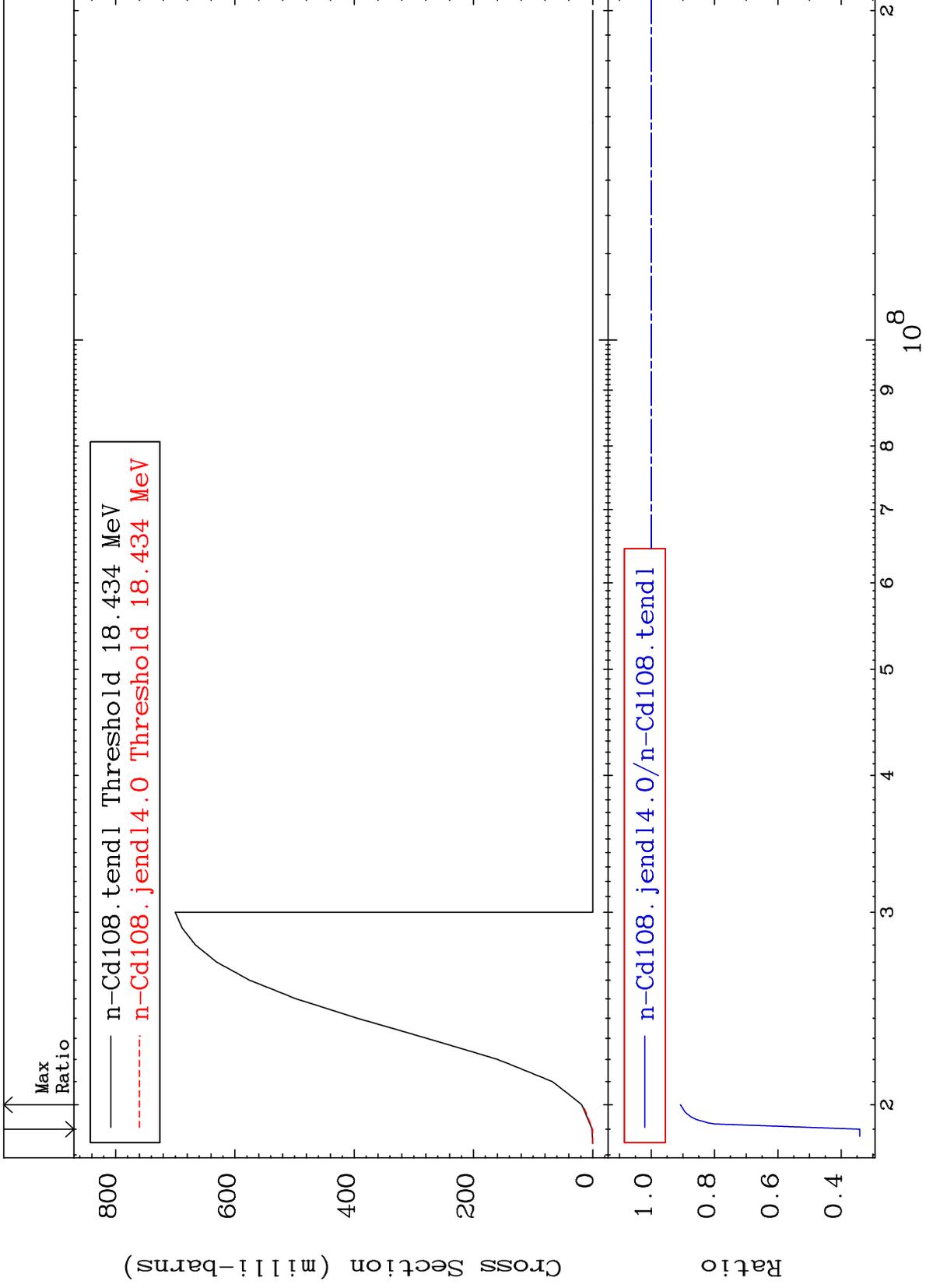
-29.81 To 1.912 %



MAT 4831

(n,3n)
Cross Section

48-Cd-108
-65.87 To -9.245%



5

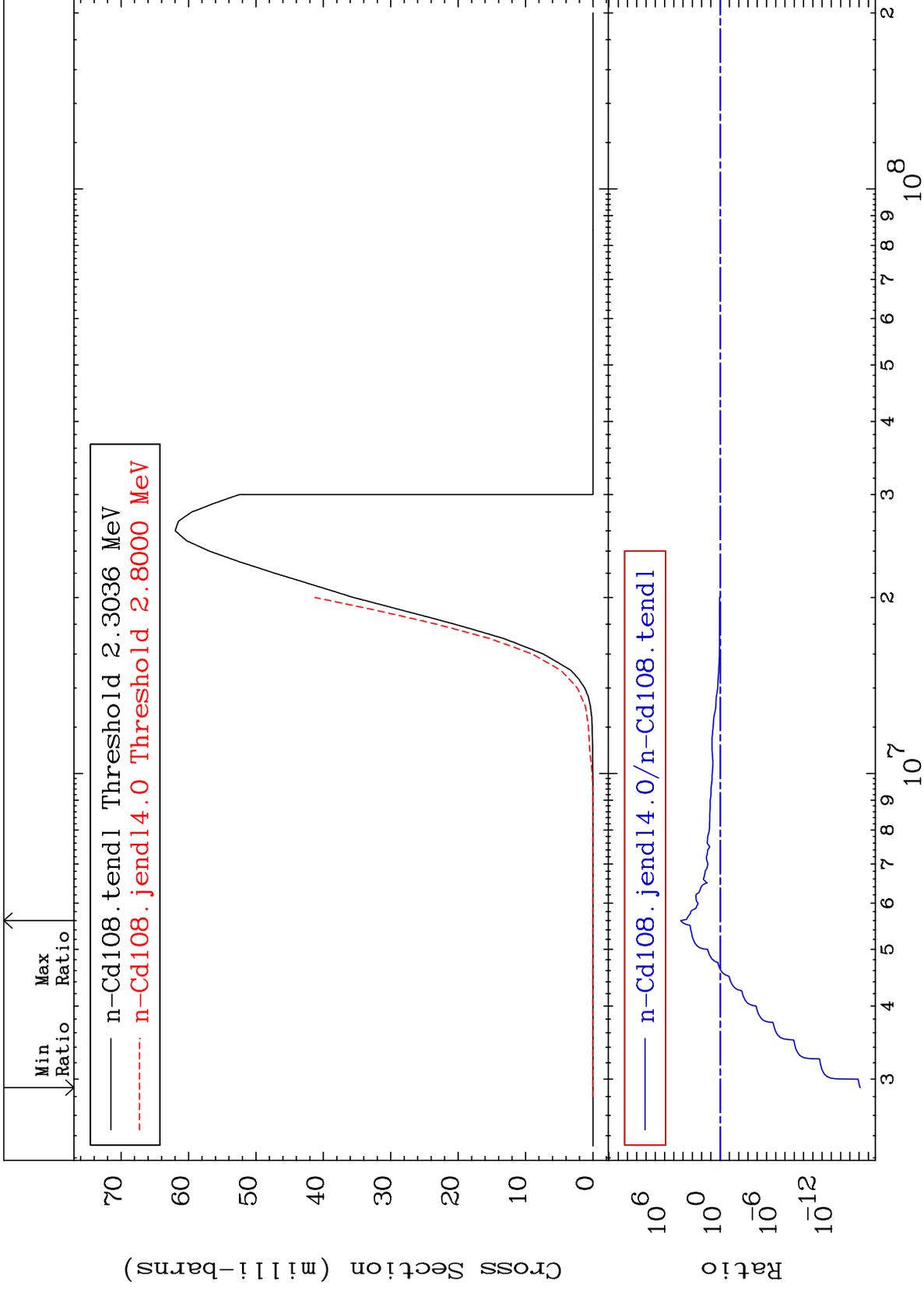
Incident Energy (eV)

48-Cd-108

MAT 4831

(n, n') α
Cross Section

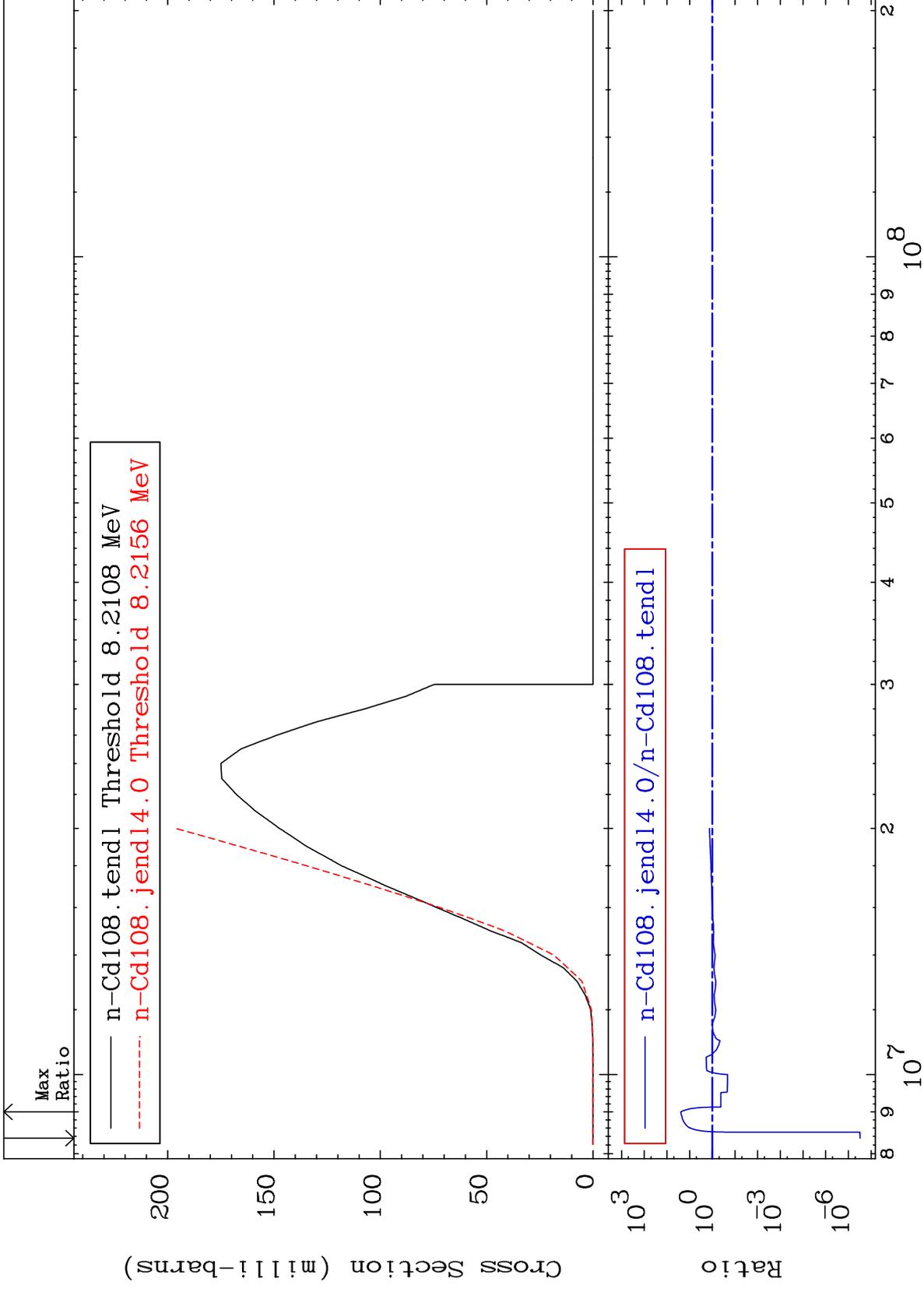
48-Cd-108
-100.0 To 9999. %



MAT 4831

(n,n') p
Cross Section

48-Cd-108
-100.0 To 2355. %



7

Incident Energy (eV)

48-Cd-108

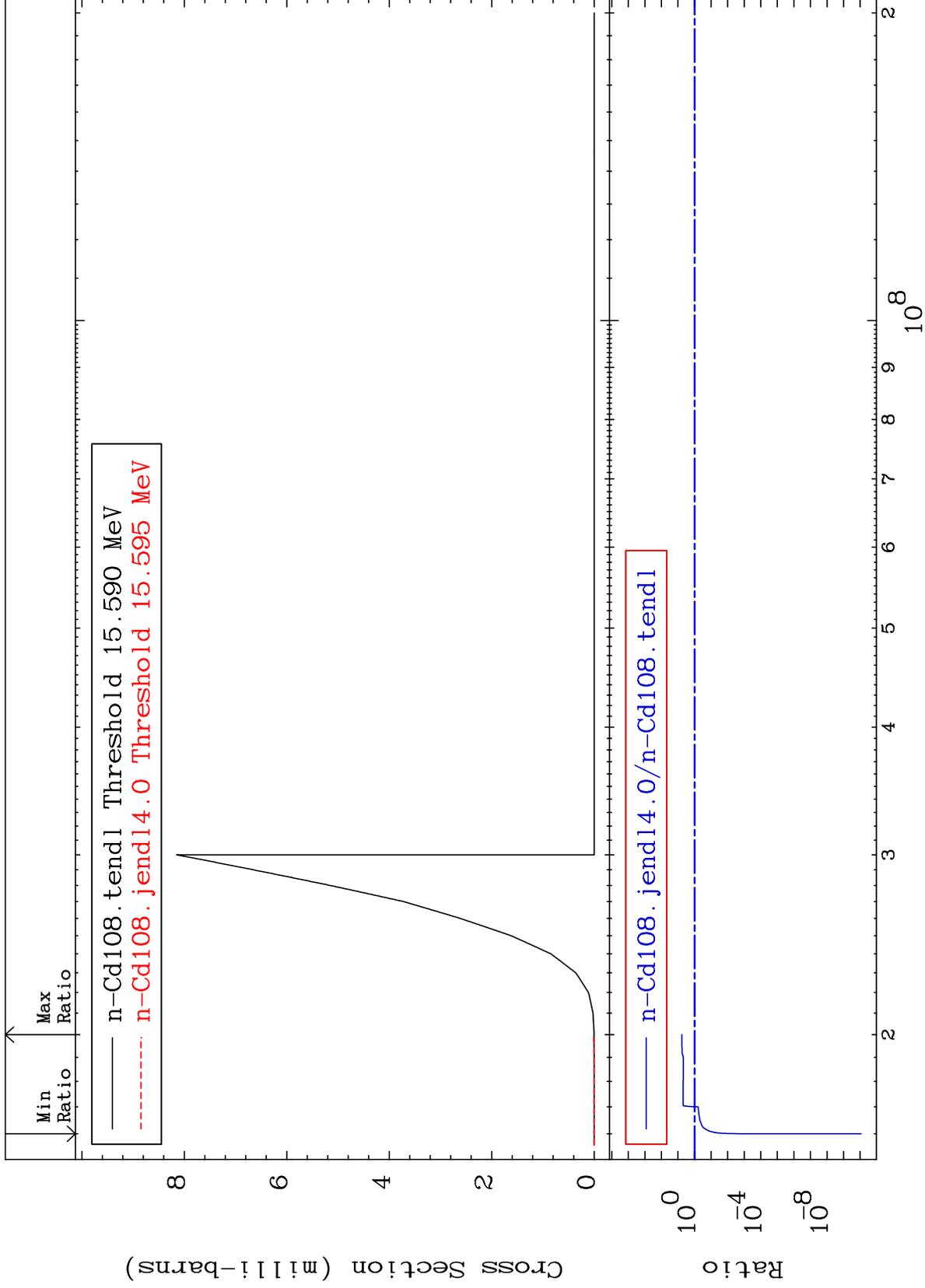
MAT 4831

(n,n') d

48-Cd-108

Cross Section

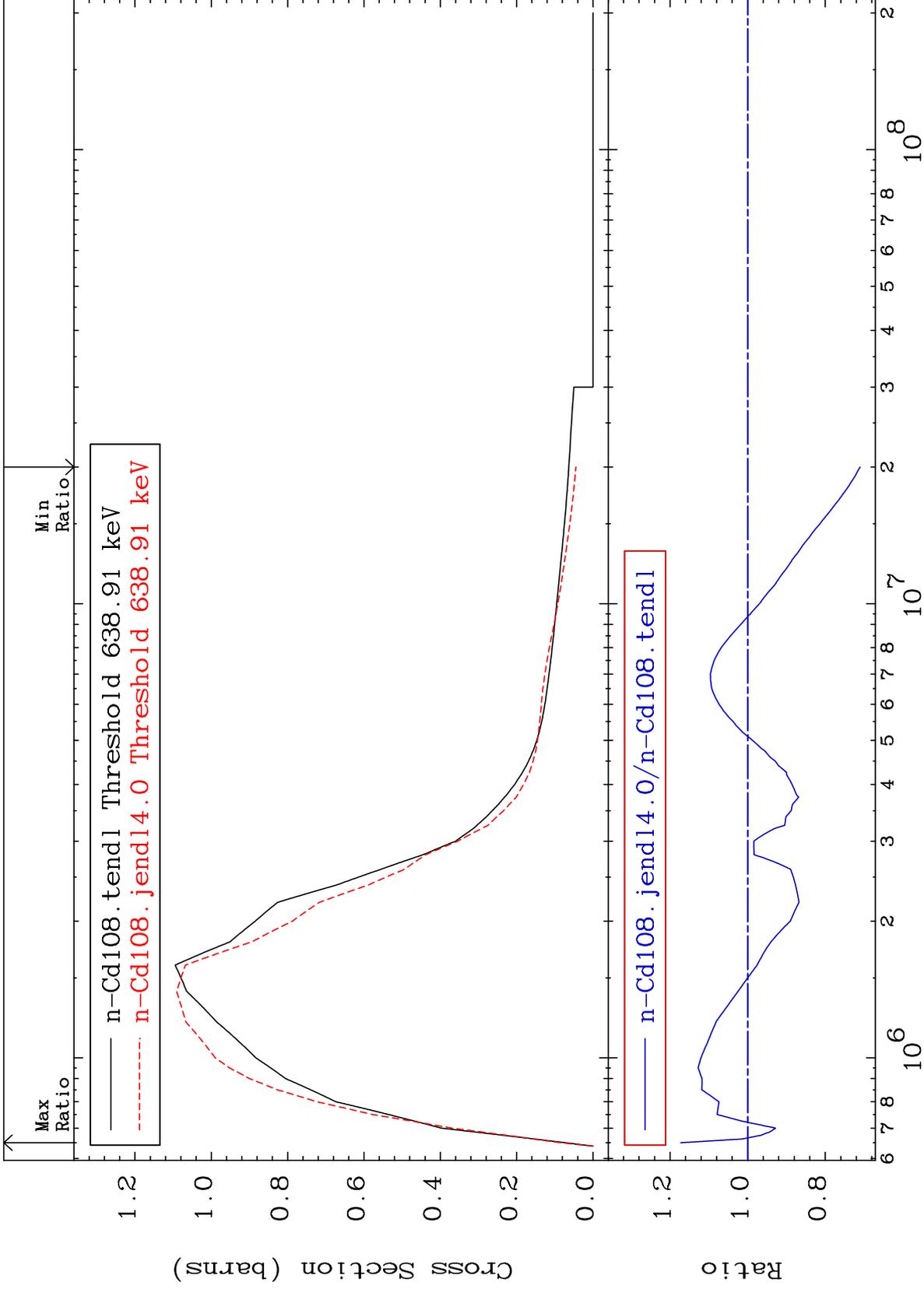
-100.0 To 479.1 %



MAT 4831

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

48-Cd-108
-28.98 To 17.24 %



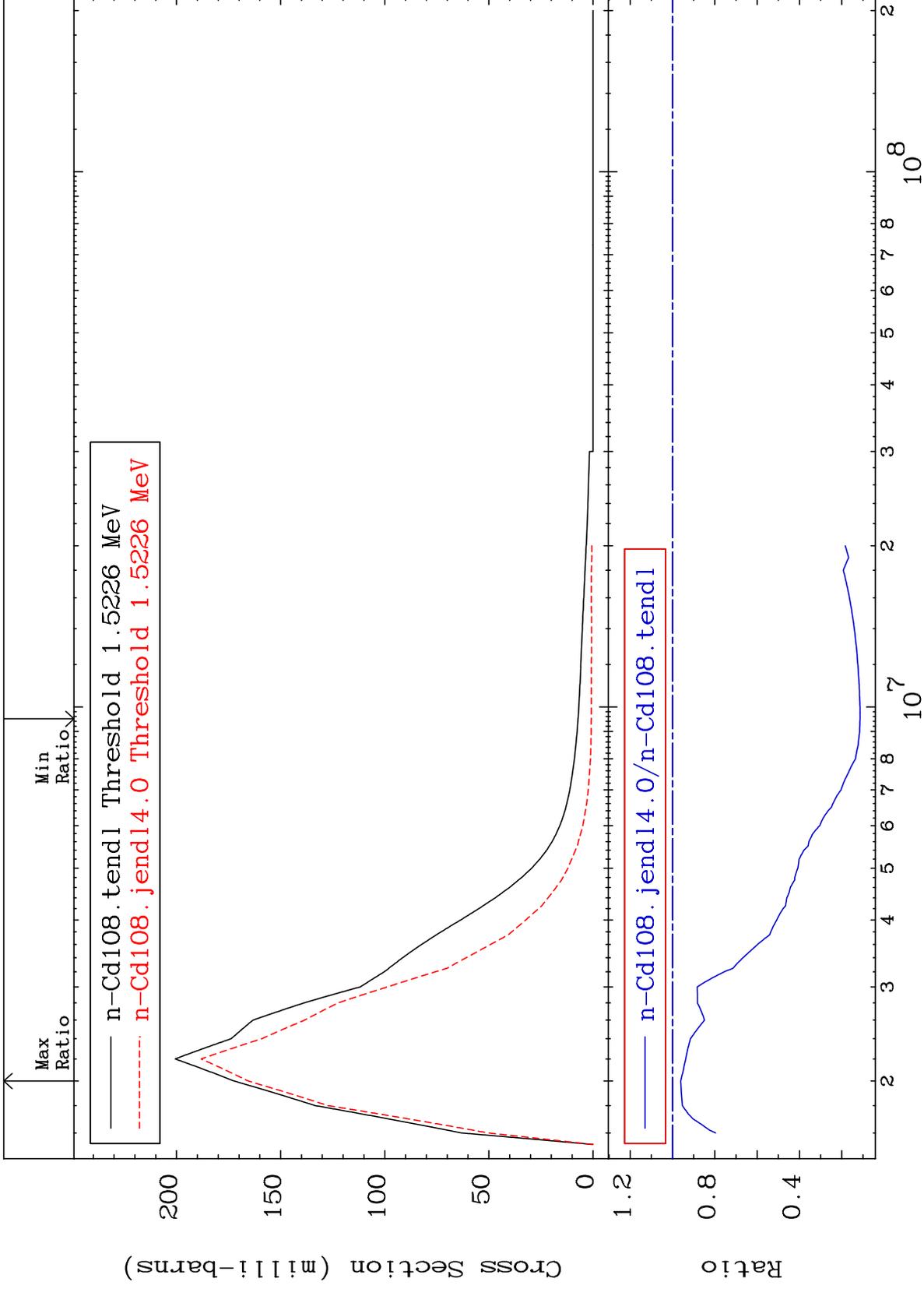
9

48-Cd-108

MAT 4831

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

48-Cd-108
-88.66 To -3.913%



10

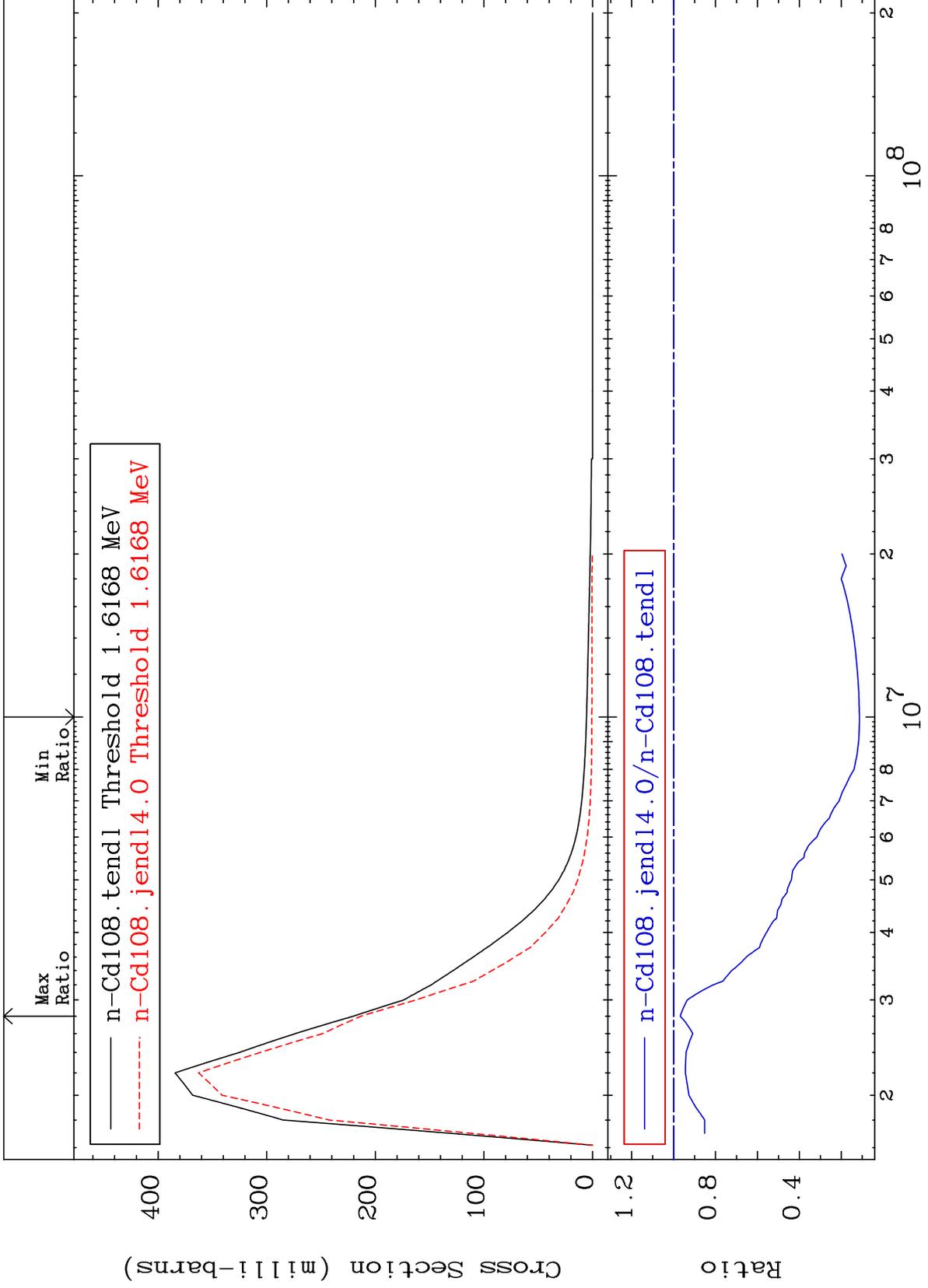
Incident Energy (eV)

48-Cd-108

MAT 4831

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

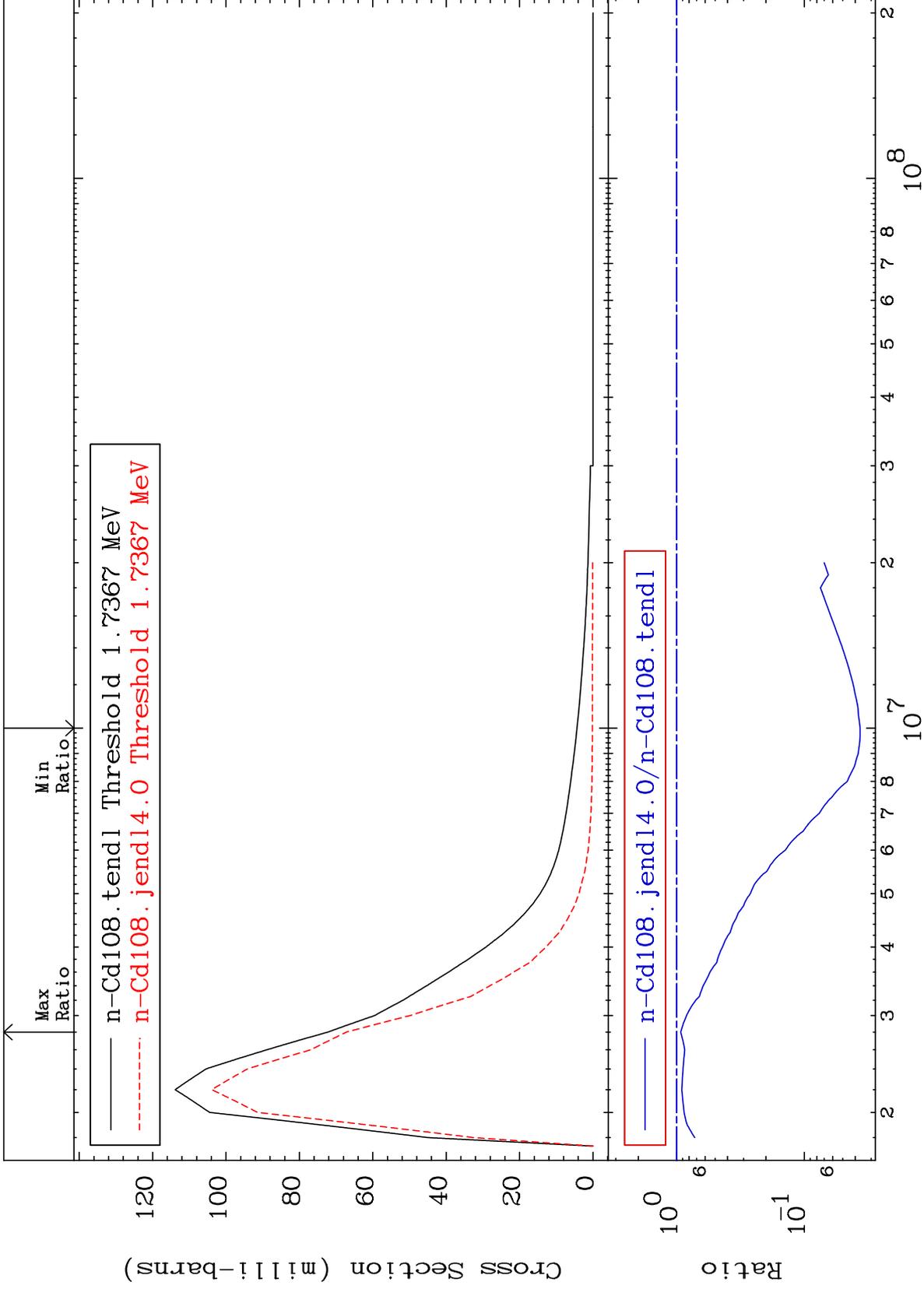
48-Cd-108
-88.66 To -3.189%



MAT 4831

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

48-Cd-108
-96.34 To -7.022%



12

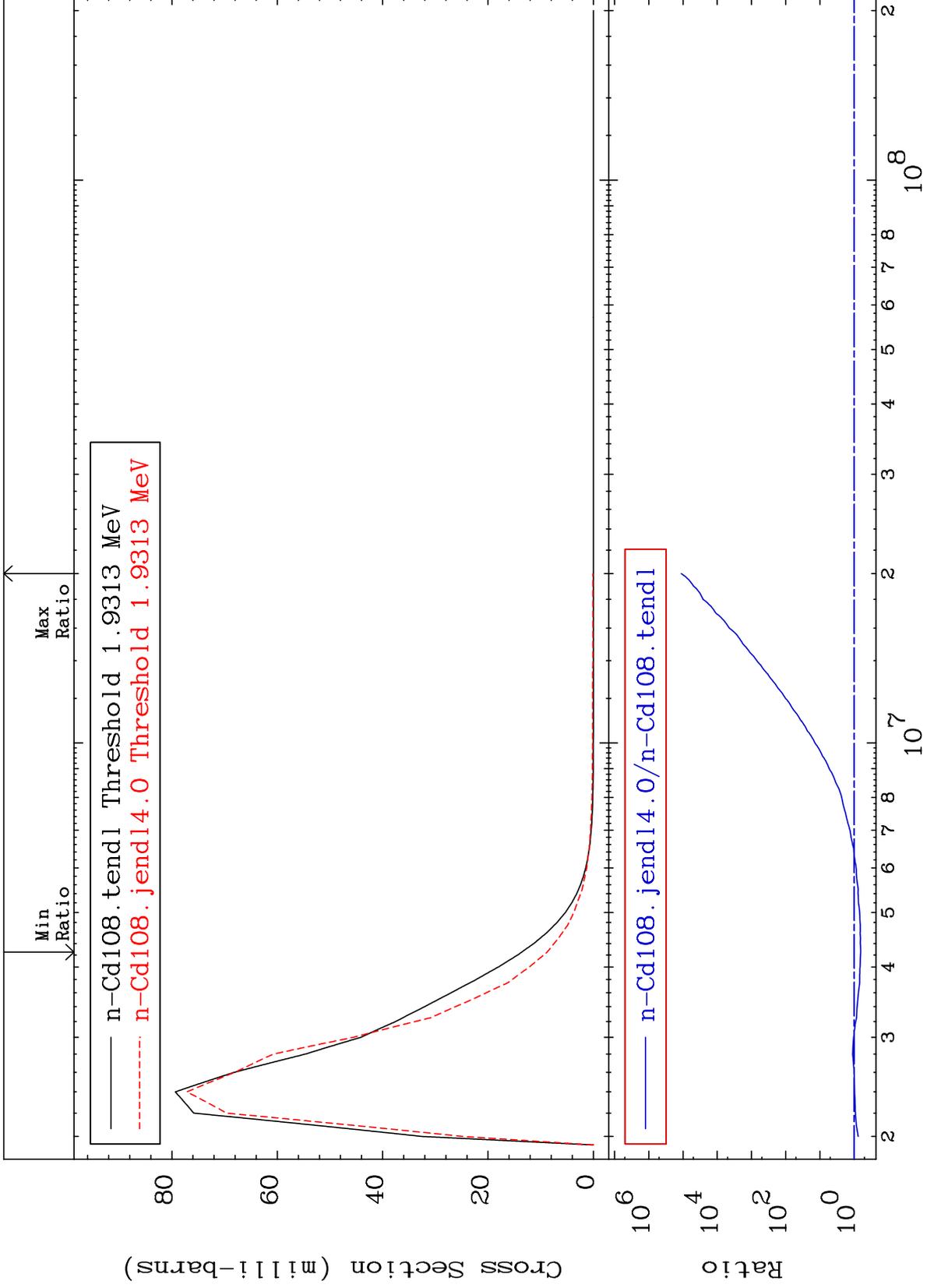
Incident Energy (eV)

48-Cd-108

MAT 4831

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

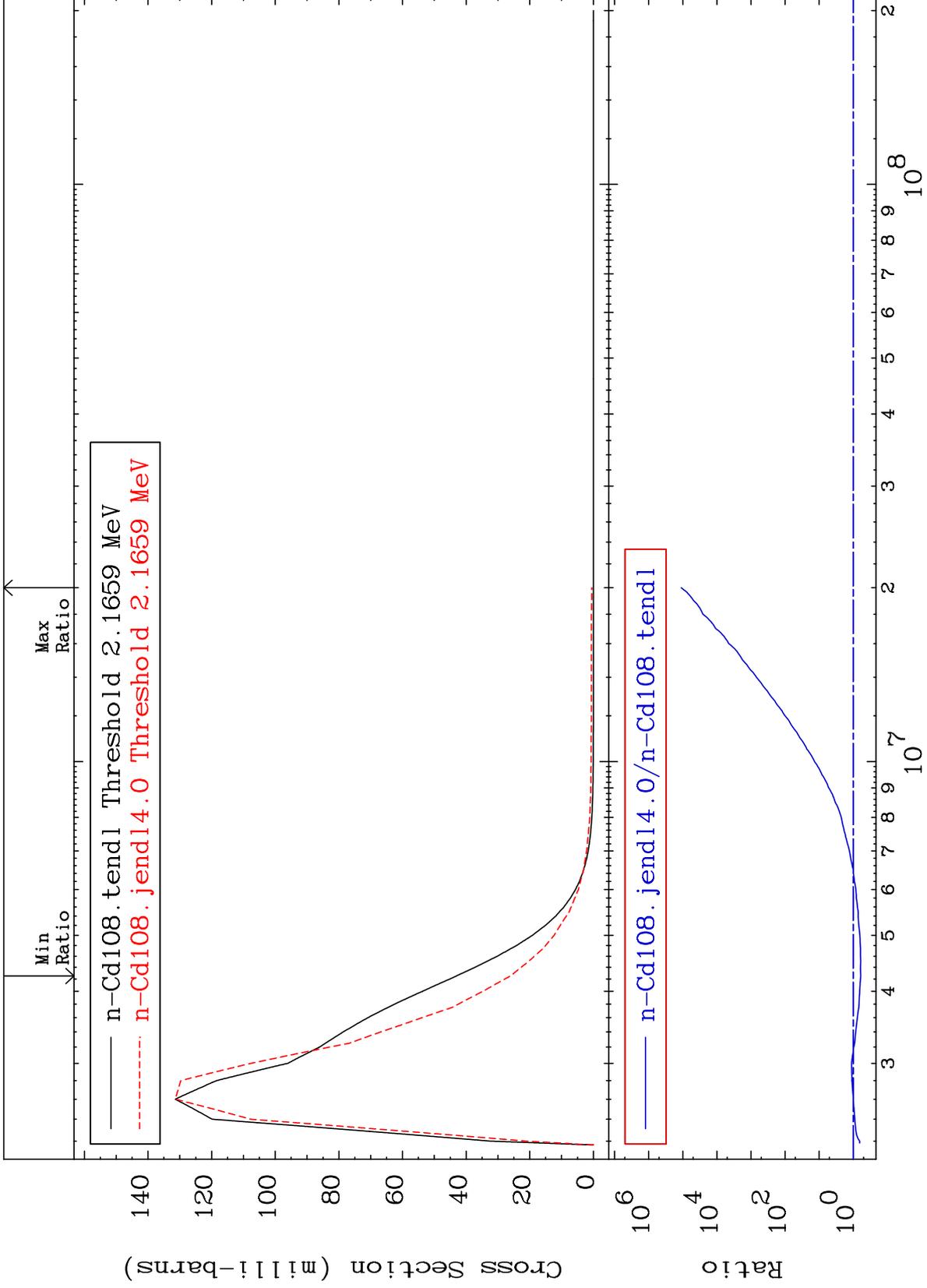
48-Cd-108
-35.60 To 9999. %



MAT 4831

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

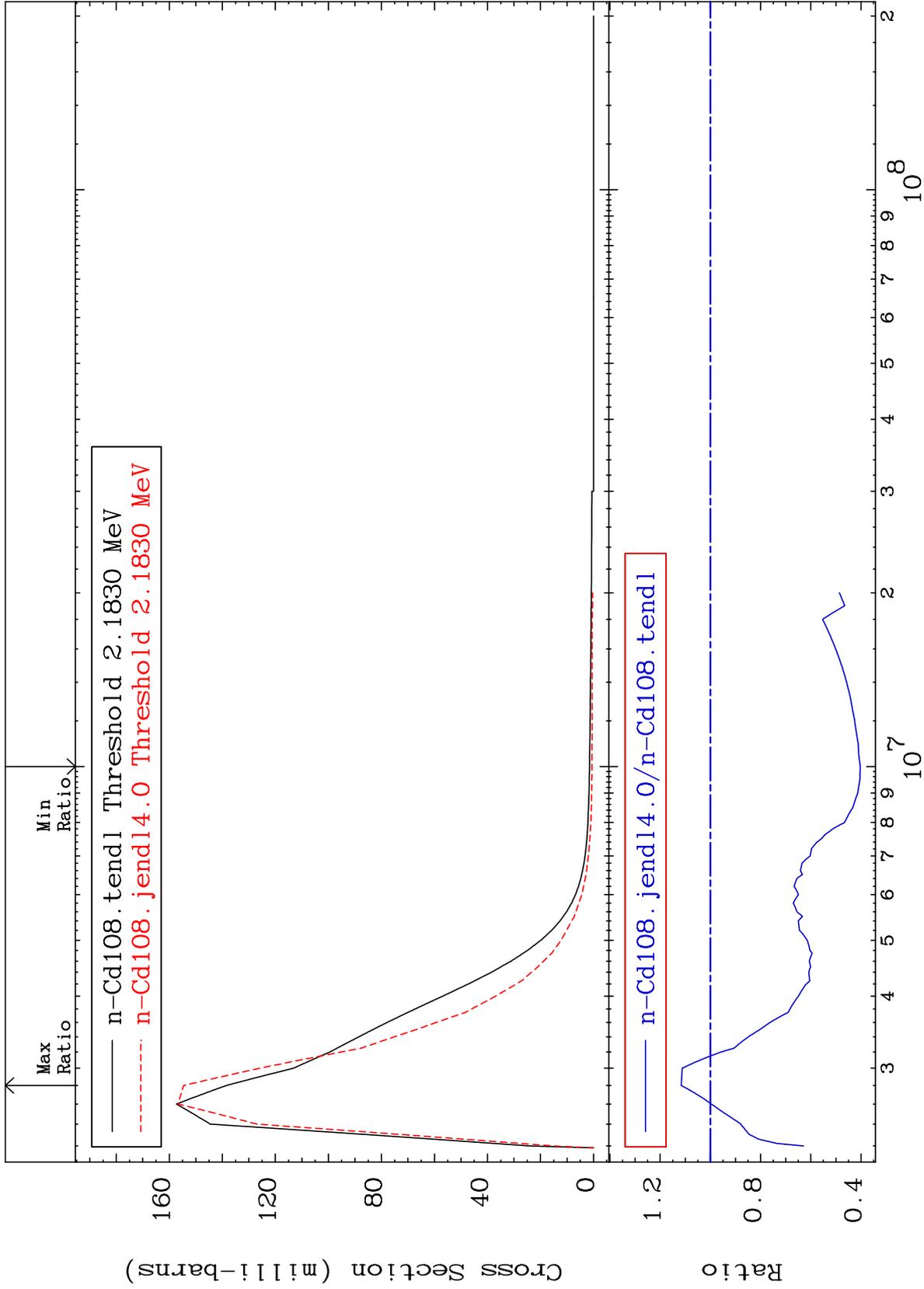
48-Cd-108
-39.51 To 9999. %



MAT 4831

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

48-Cd-108
-59.65 To 11.63 %



15

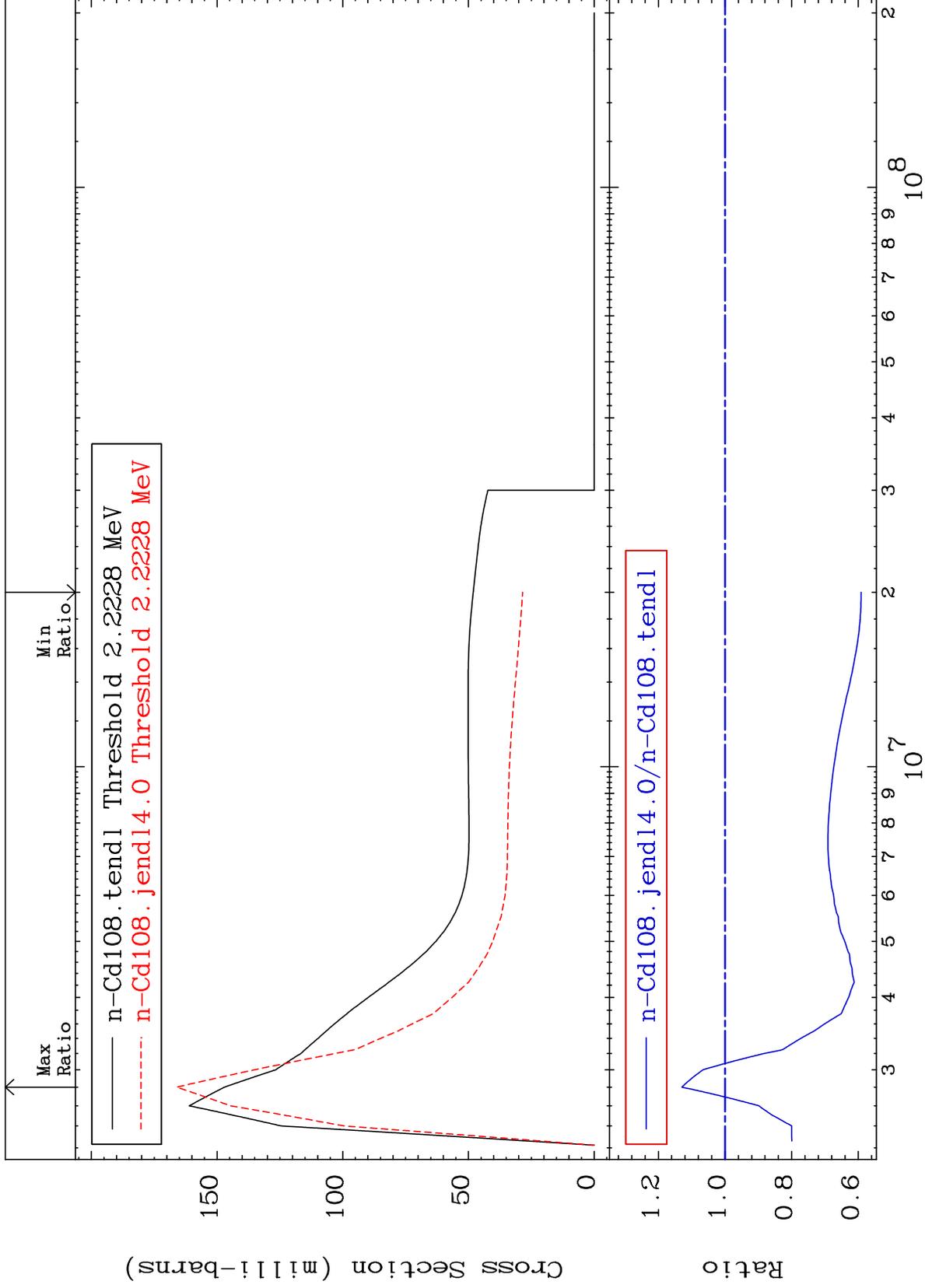
Incident Energy (eV)

48-Cd-108

MAT 4831

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

48-Cd-108
-40.85 To 12.94 %



16

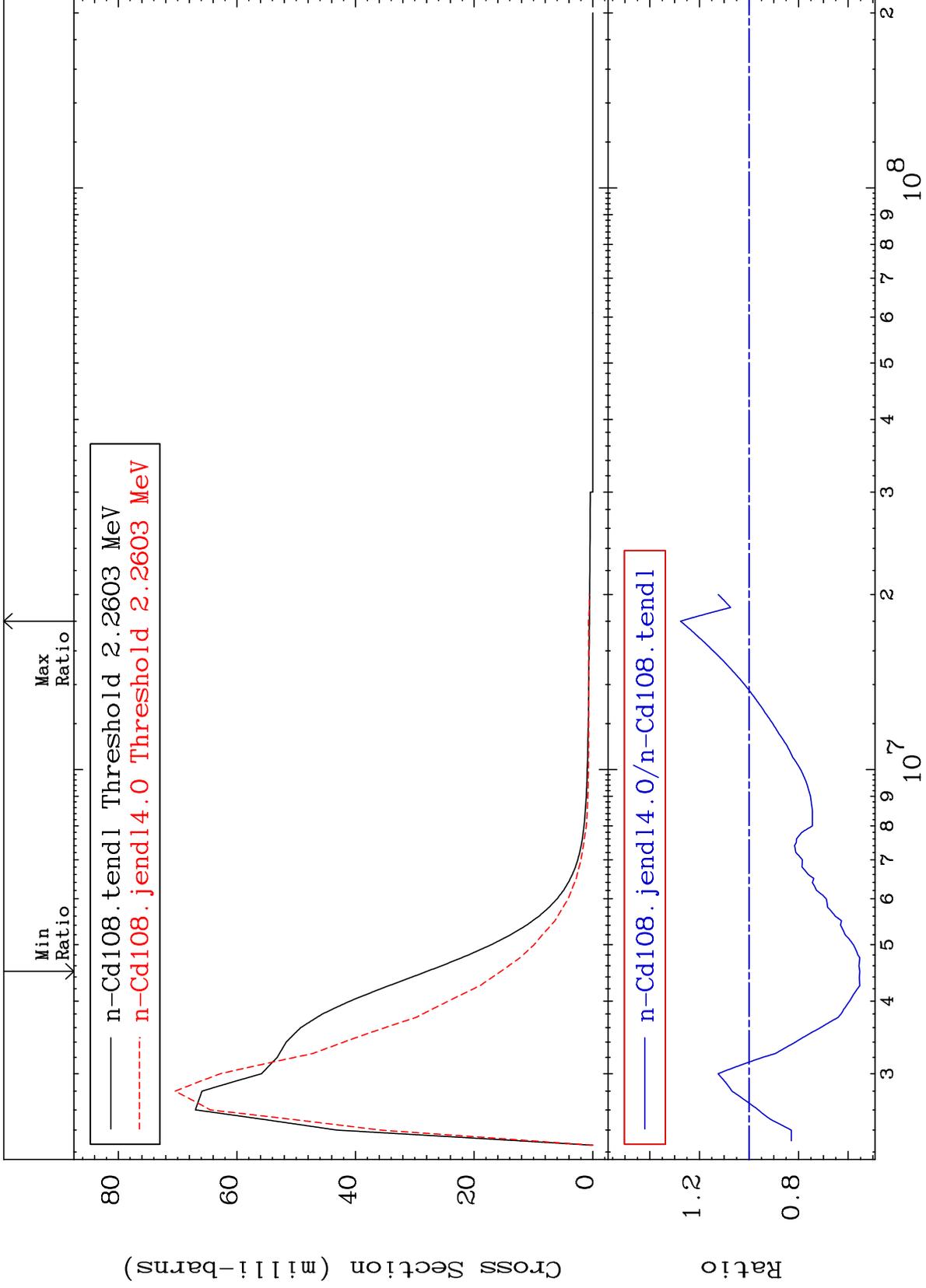
Incident Energy (eV)

48-Cd-108

MAT 4831

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

48-Cd-108
-44.68 To 27.62 %

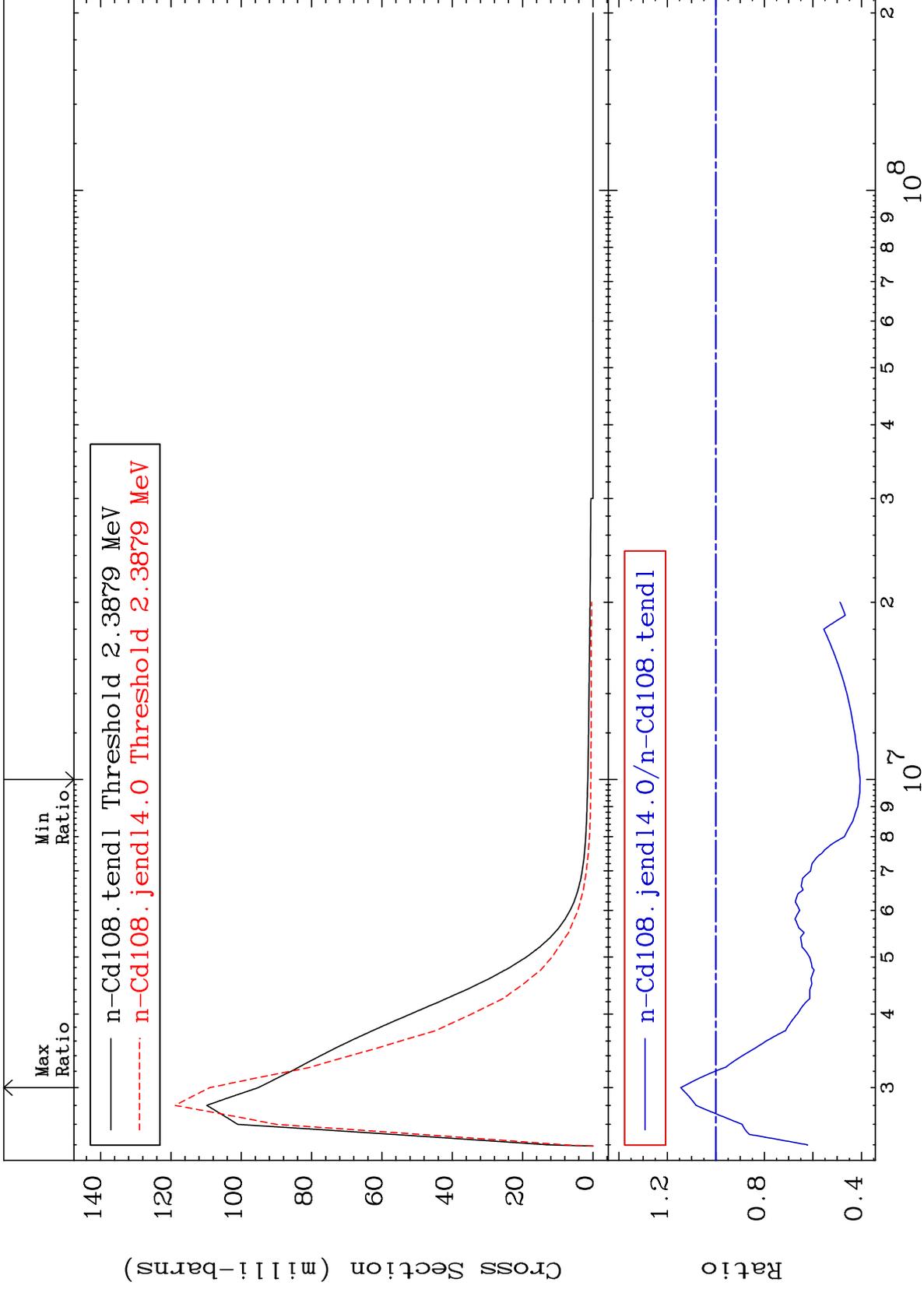


17

MAT 4831

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

48-Cd-108
-59.43 To 14.49 %



18

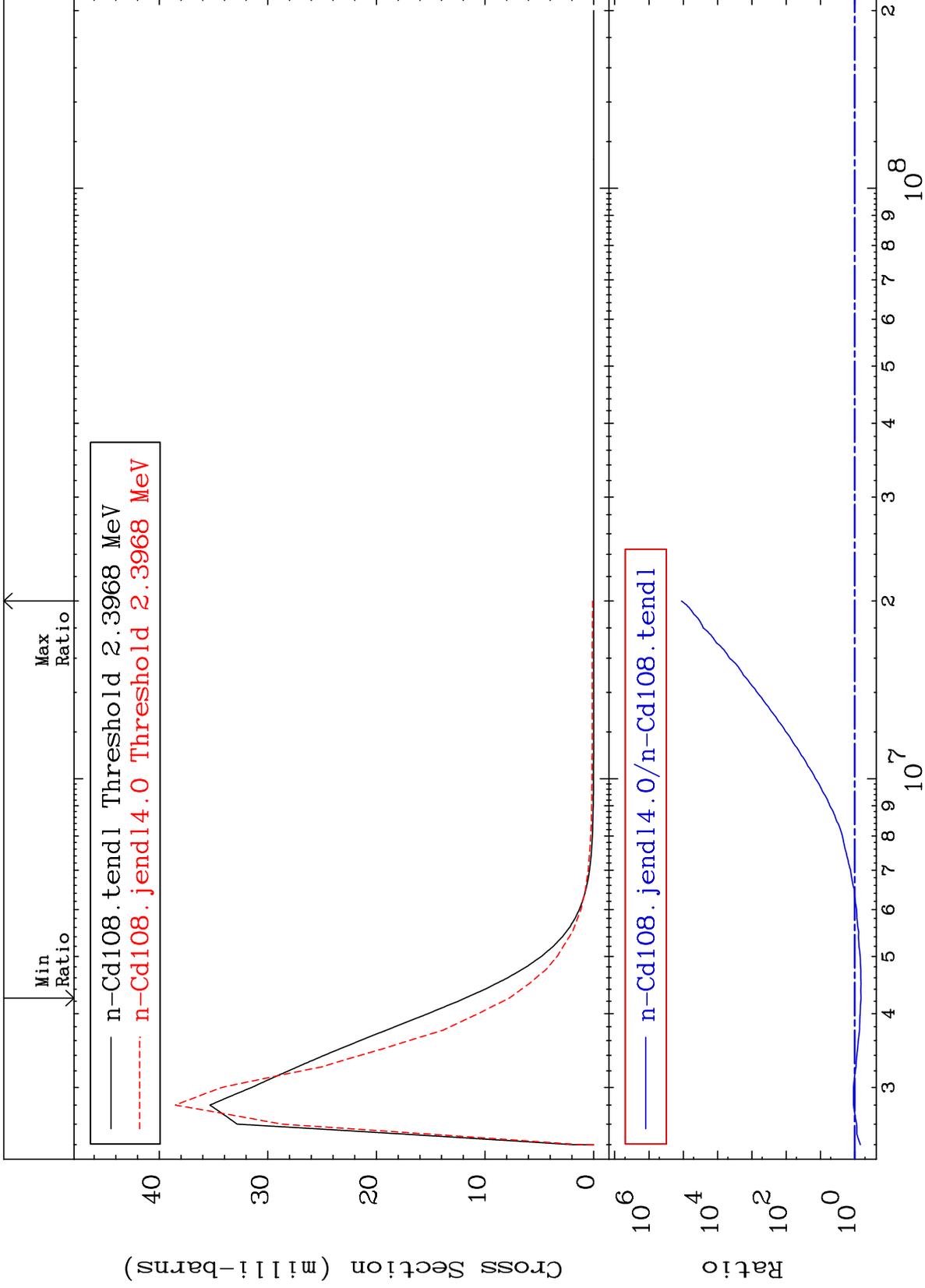
Incident Energy (eV)

48-Cd-108

MAT 4831

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

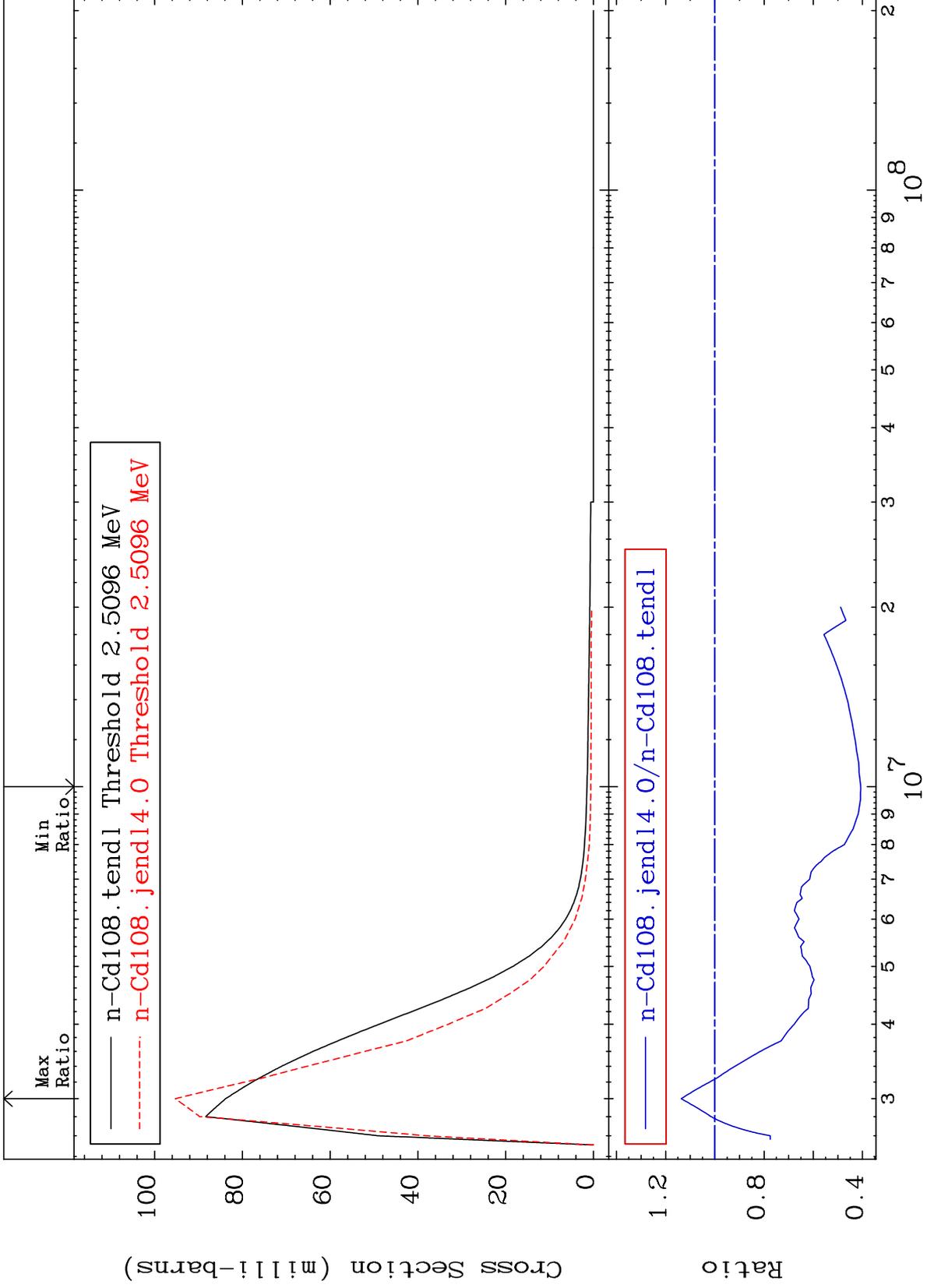
48-Cd-108
-34.43 To 9999. %



MAT 4831

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

48-Cd-108
-59.29 To 13.66 %



20

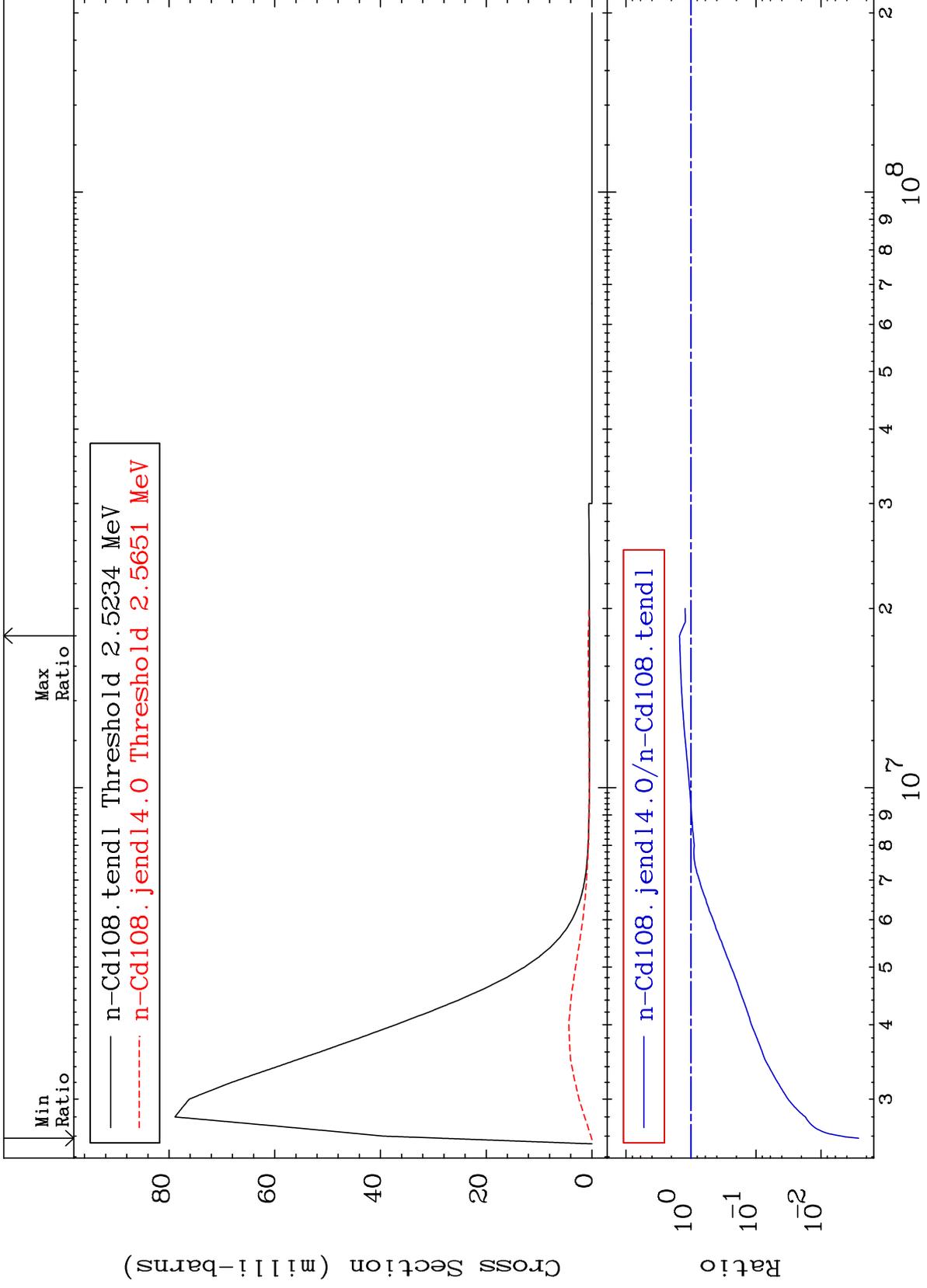
Incident Energy (eV)

48-Cd-108

MAT 4831

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

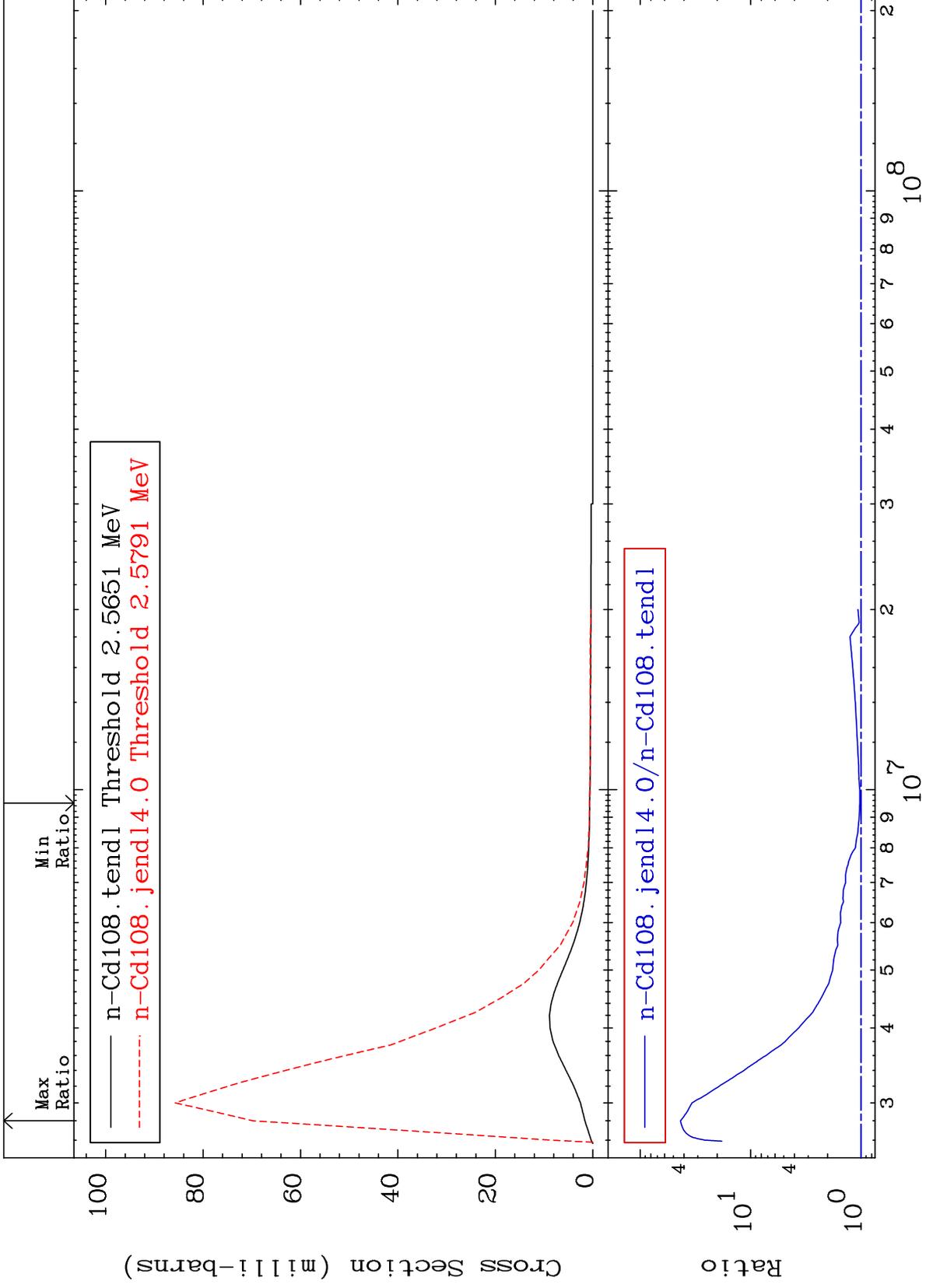
48-Cd-108
-99.74 To 50.15 %



MAT 4831

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

48-Cd-108
2.446 To 4205. %



22

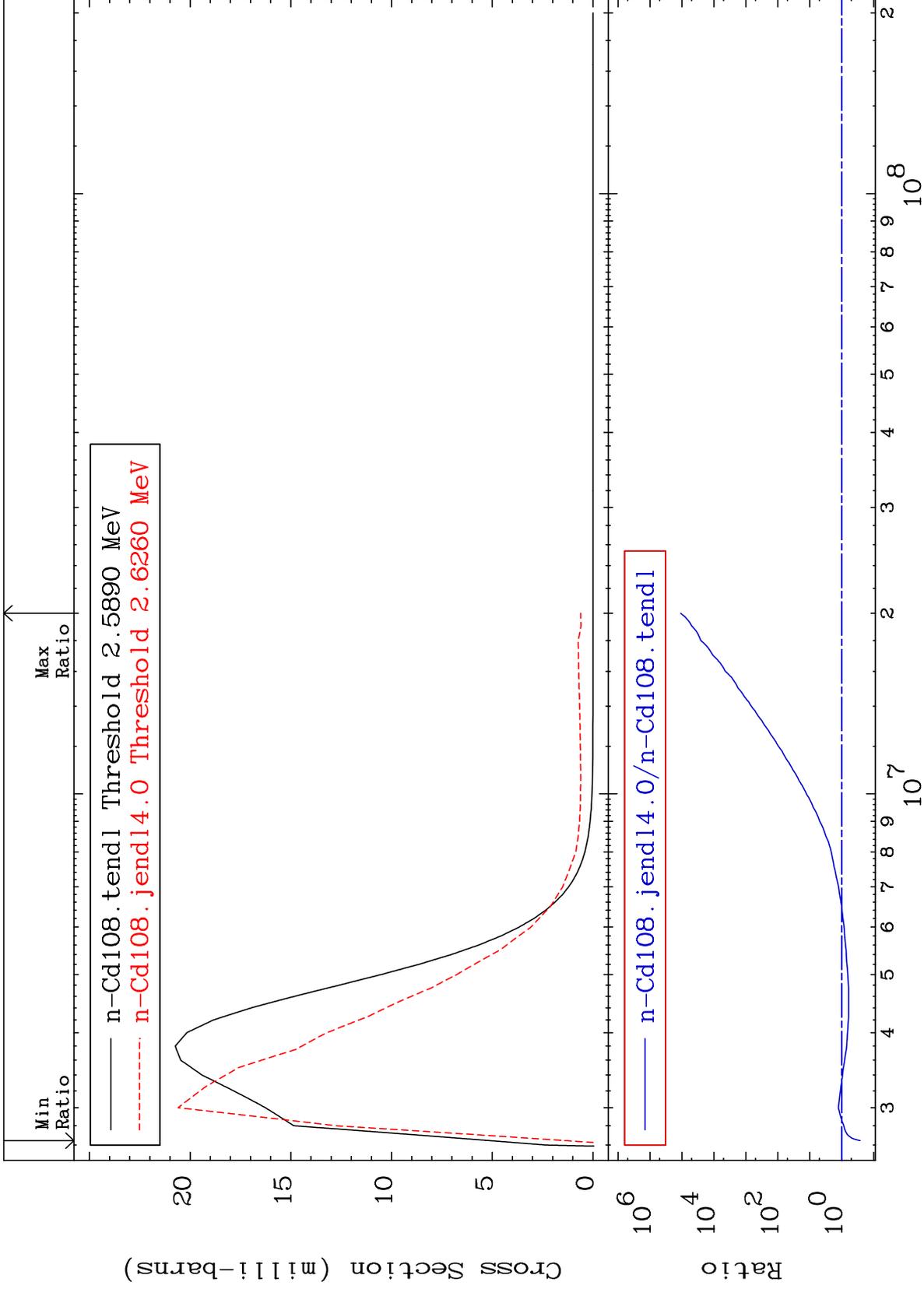
Incident Energy (eV)

48-Cd-108

MAT 4831

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

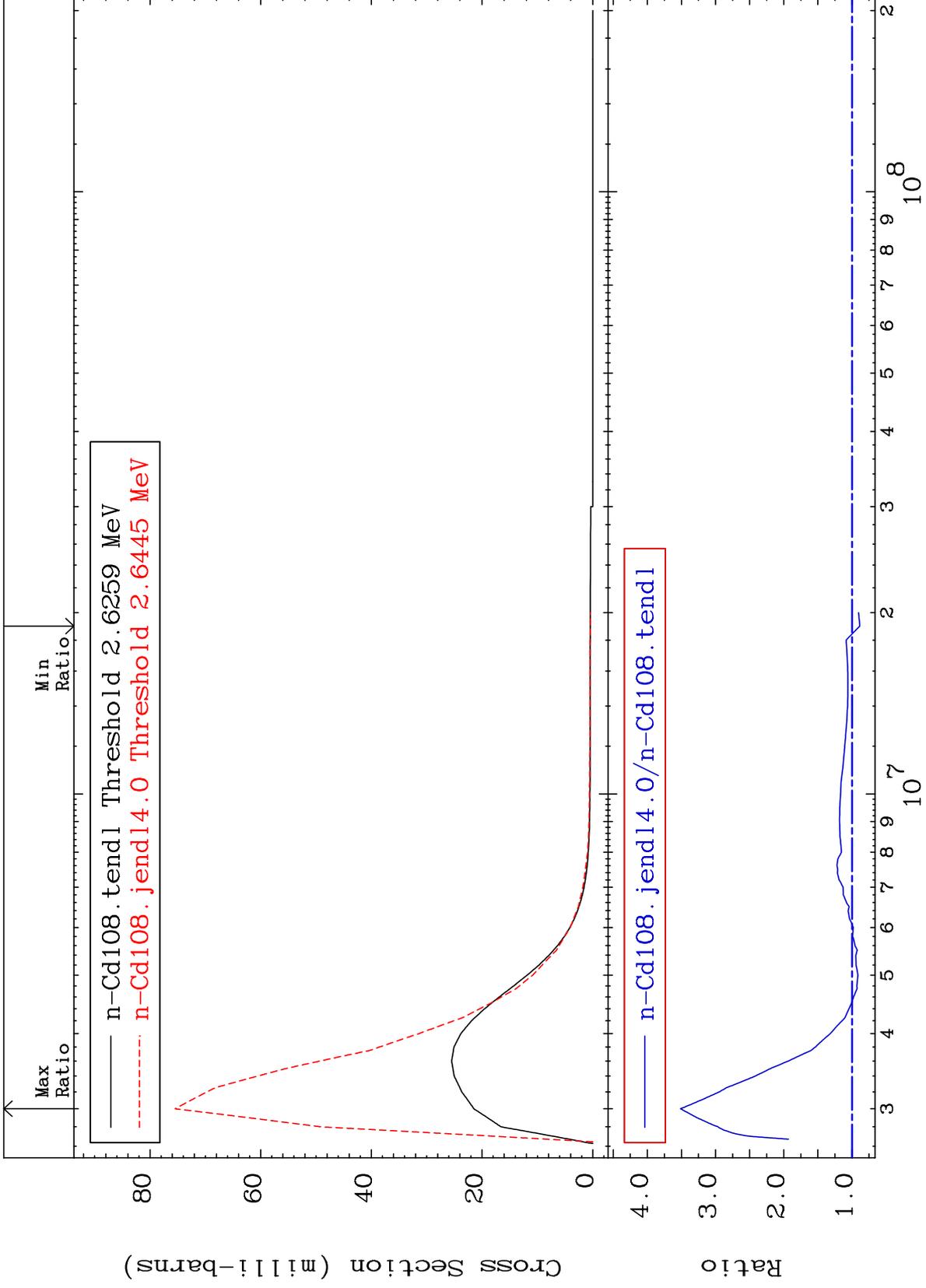
48-Cd-108
-73.51 To 9999. %



MAT 4831

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

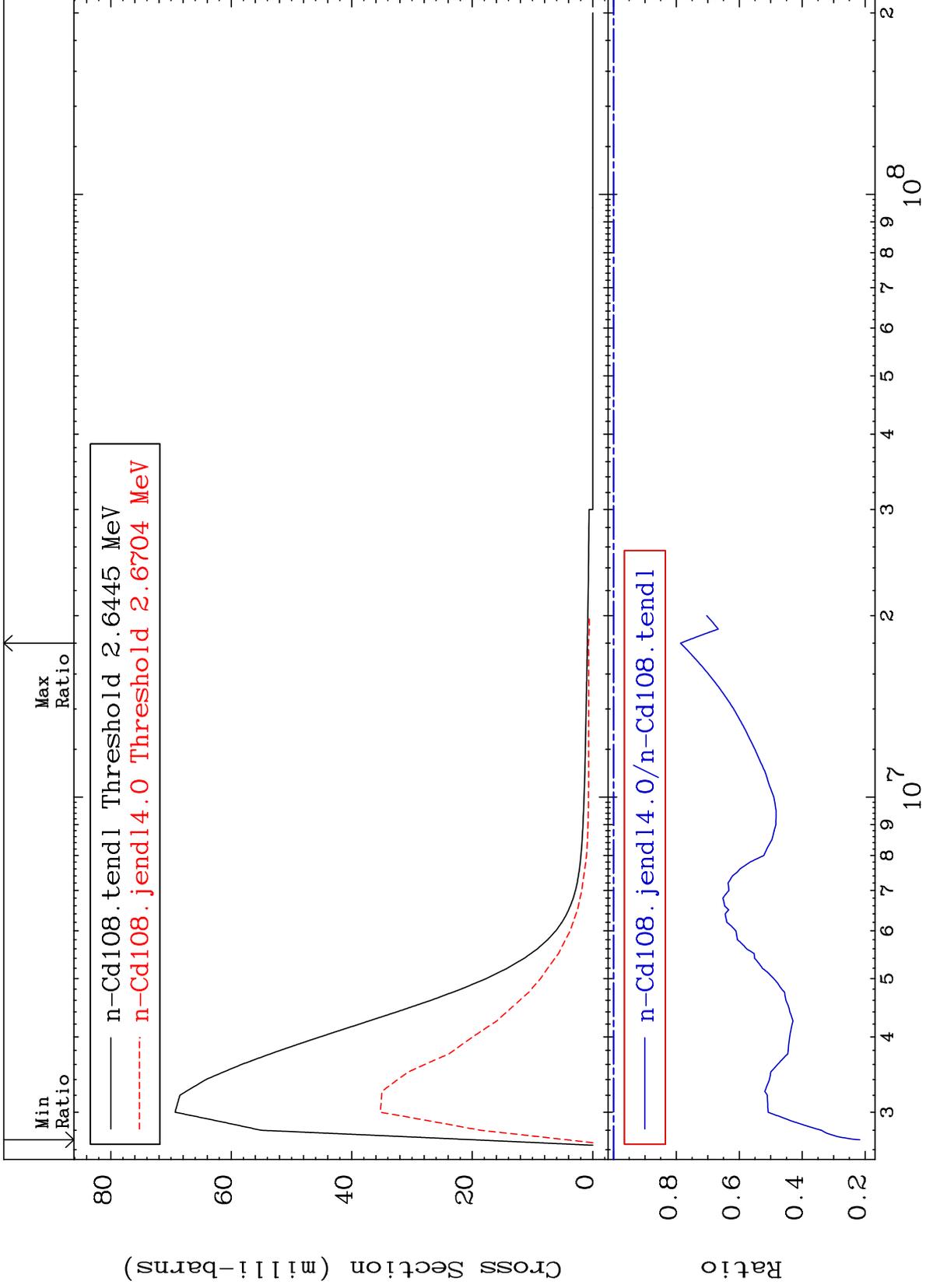
48-Cd-108
-11.41 To 251.3 %



MAT 4831

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

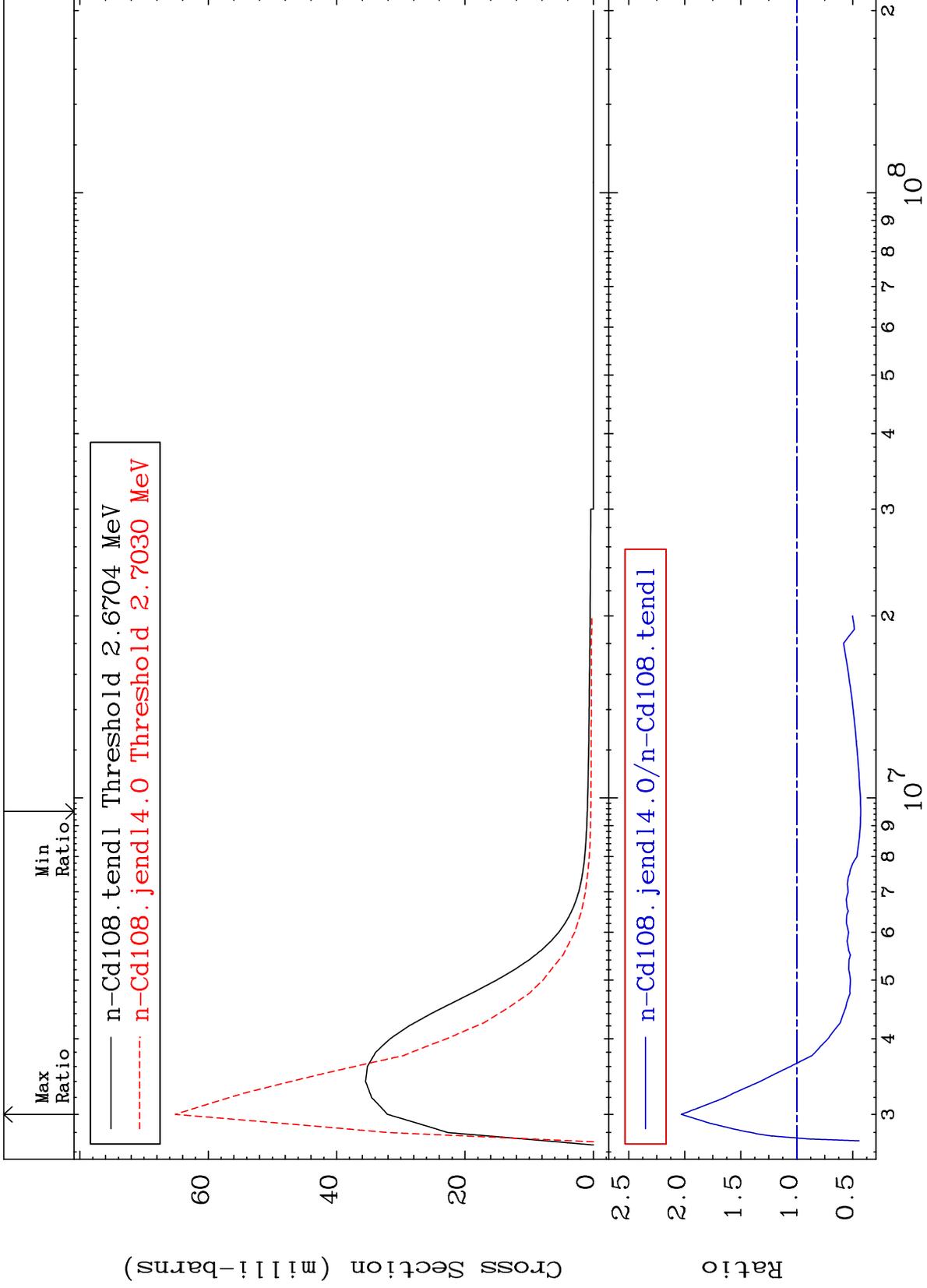
48-Cd-108
-78.30 To -21.32%



MAT 4831

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

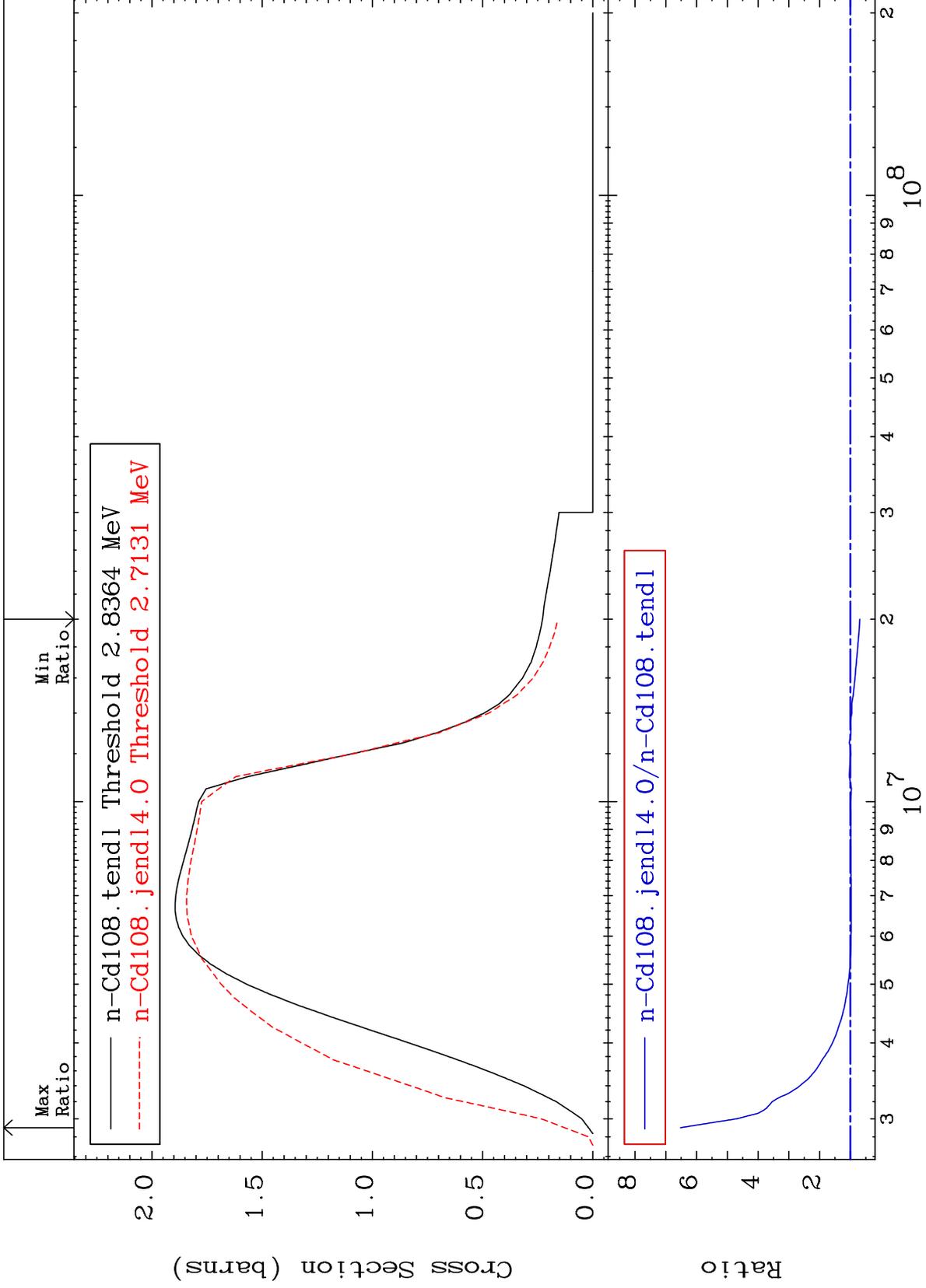
48-Cd-108
-57.03 To 103.1 %



MAT 4831

(n, n') Continuum
Cross Section

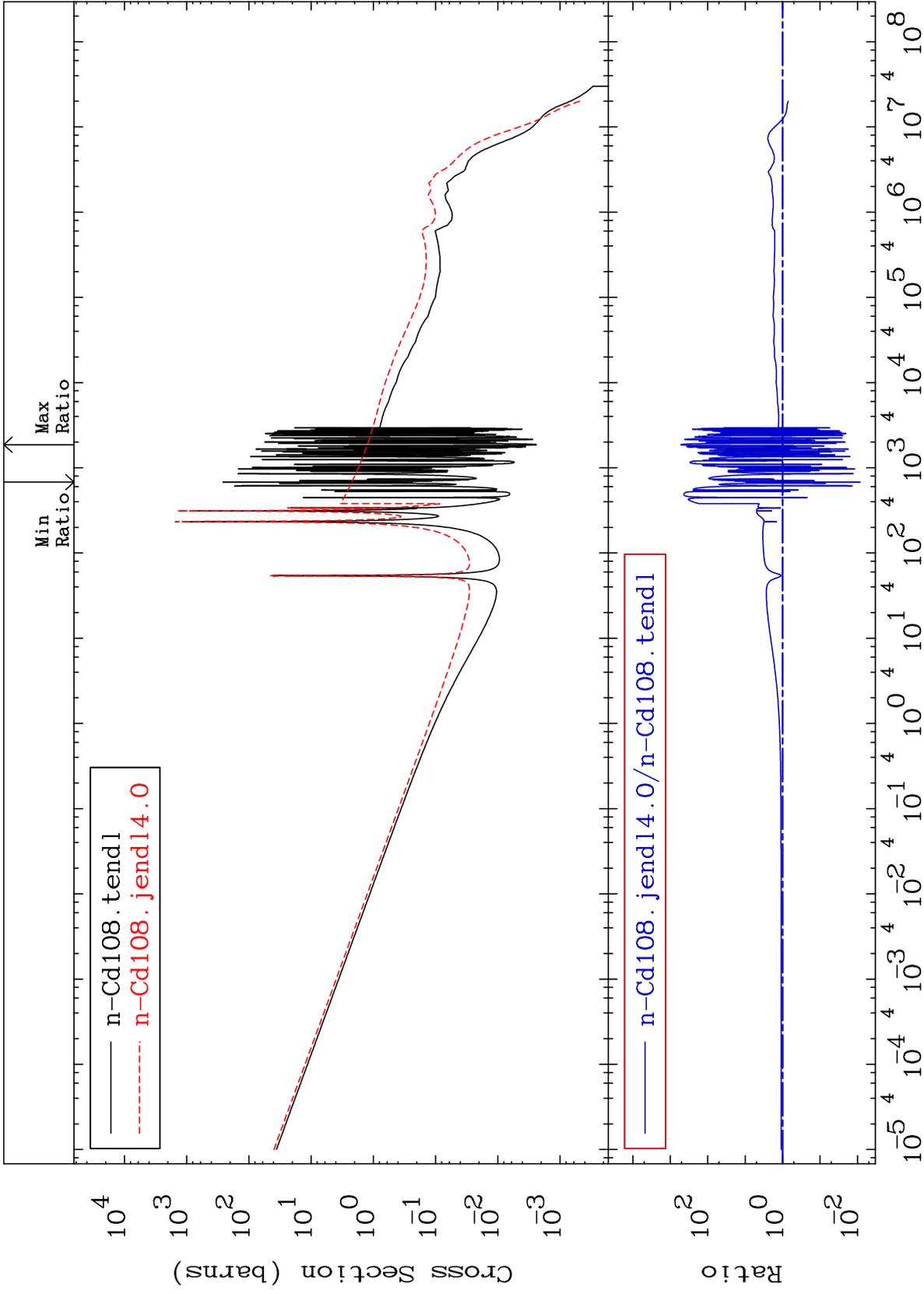
48-Cd-108
-30.44 To 552.2 %



MAT 4831

(n, γ)
Cross Section

48-Cd-108
-99.15 To 9999. %



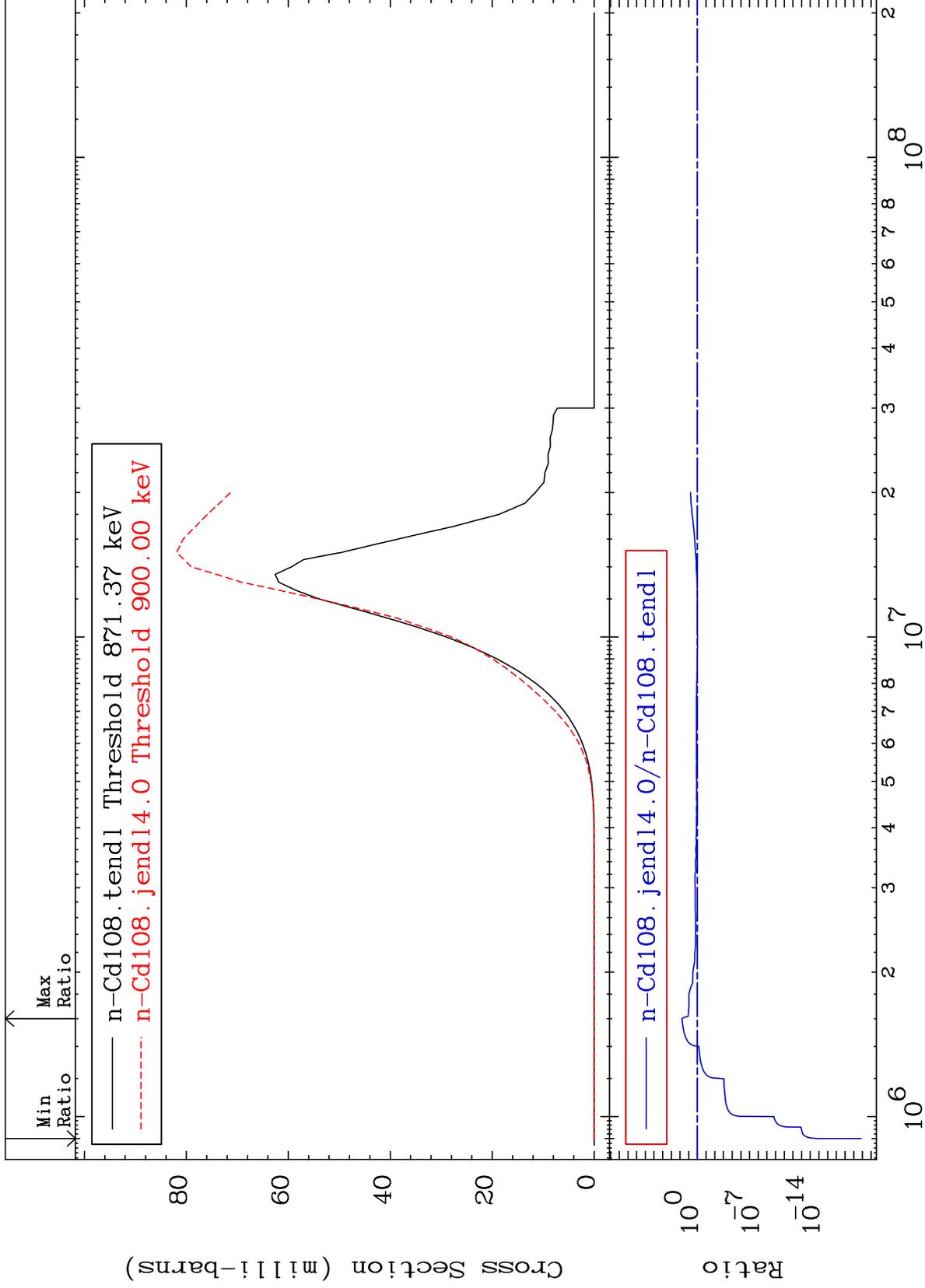
MAT 4831

(n,p)

48-Cd-108

Cross Section

-100.0 To 5978. %



30

Incident Energy (eV)

48-Cd-108

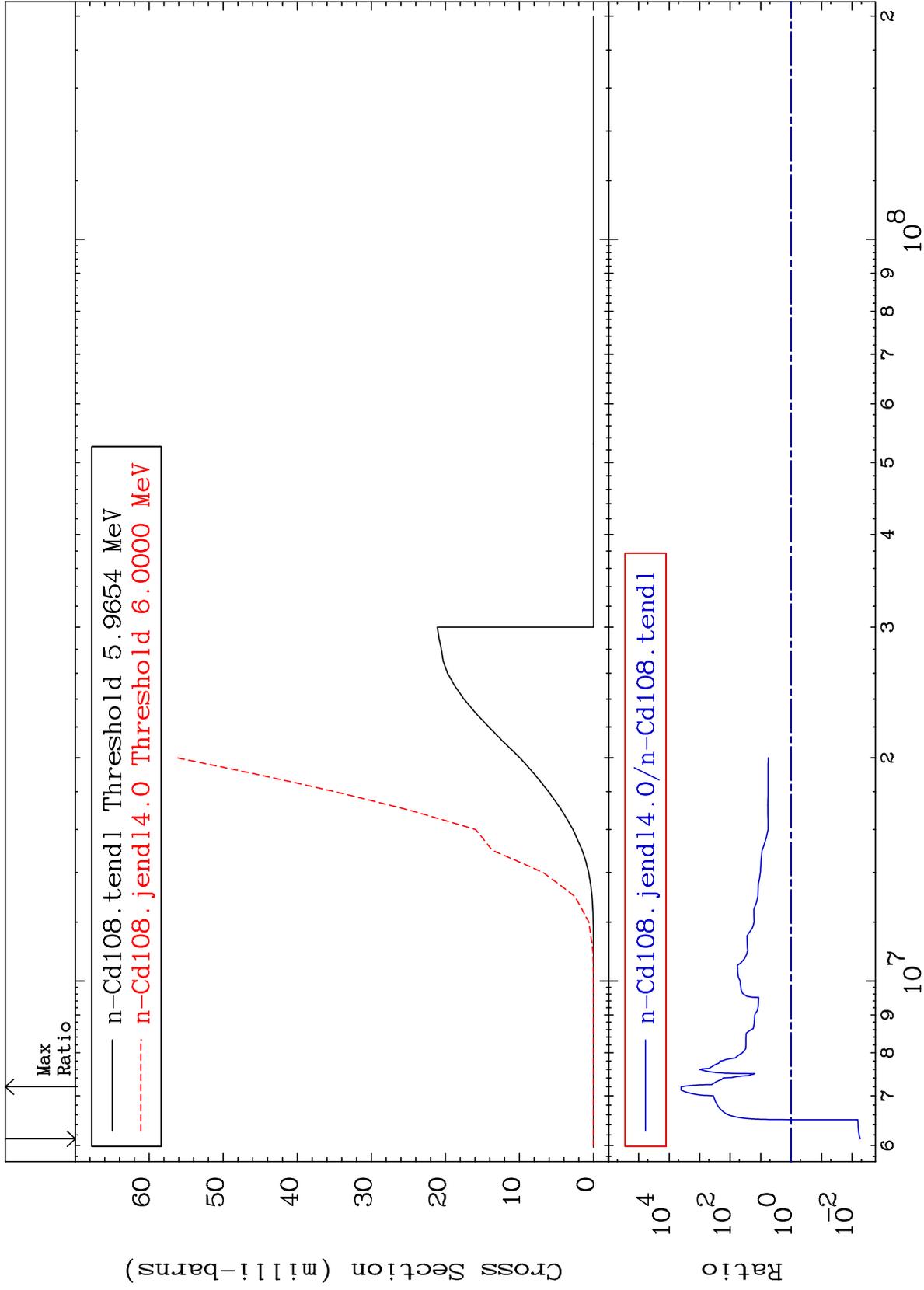
MAT 4831

(n, d)

48-Cd-108

Cross Section

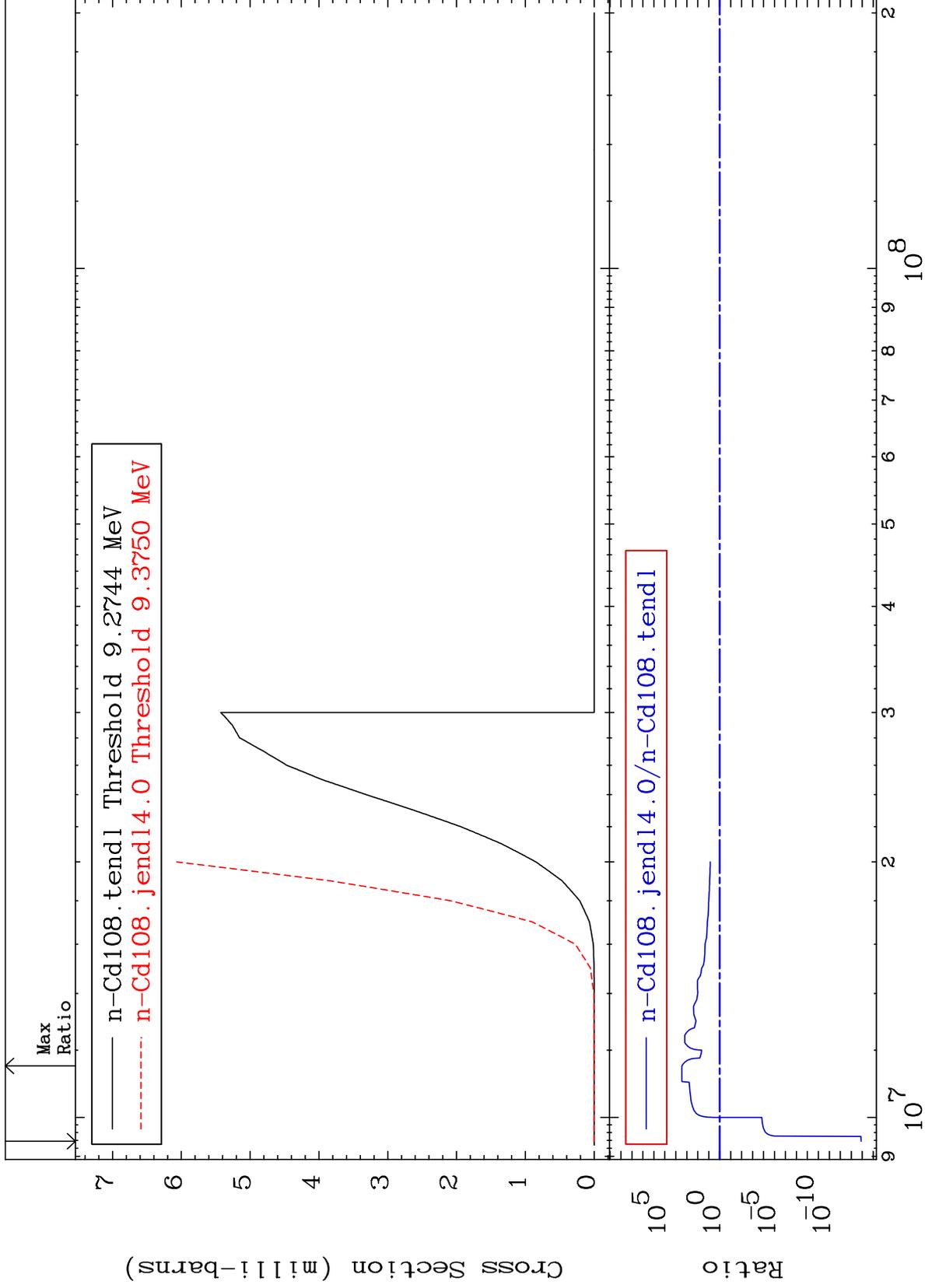
-99.45 To 9999. %



MAT 4831

(n, t)
Cross Section

48-Cd-108
-100.0 To 9999. %



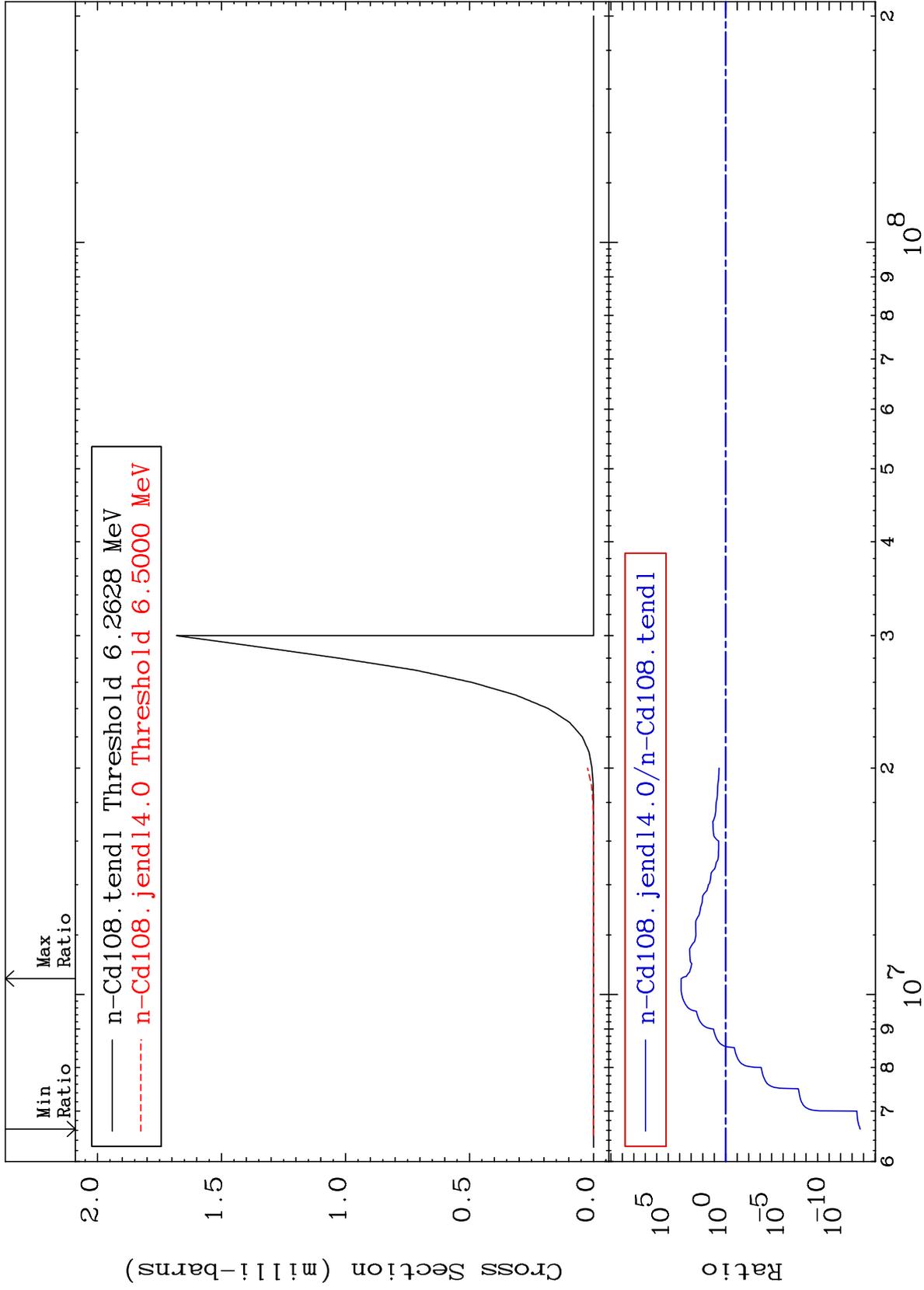
32

Incident Energy (eV)

48-Cd-108

Cross Section

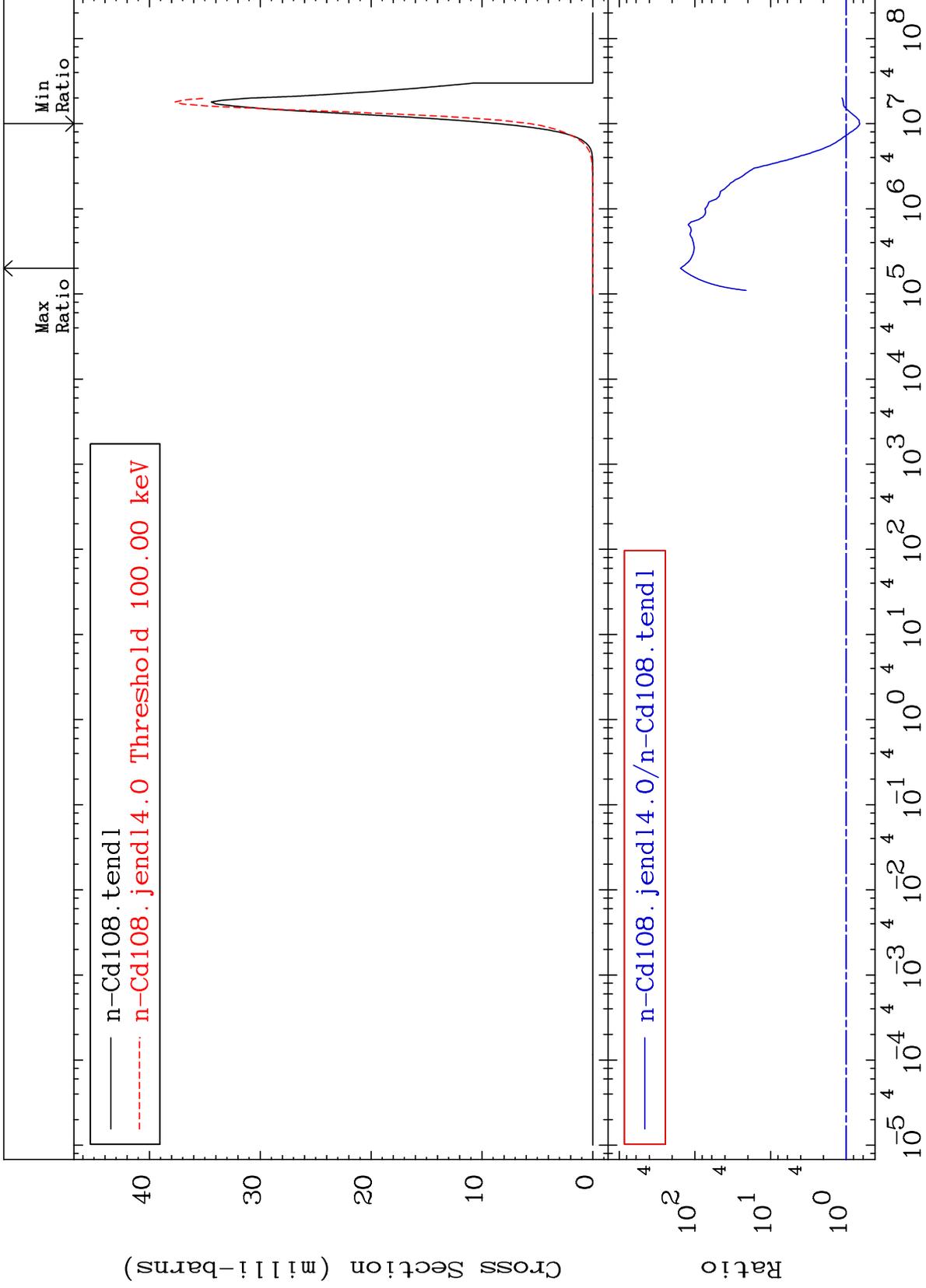
-100.0 To 9999. %



MAT 4831

(n, α)
Cross Section

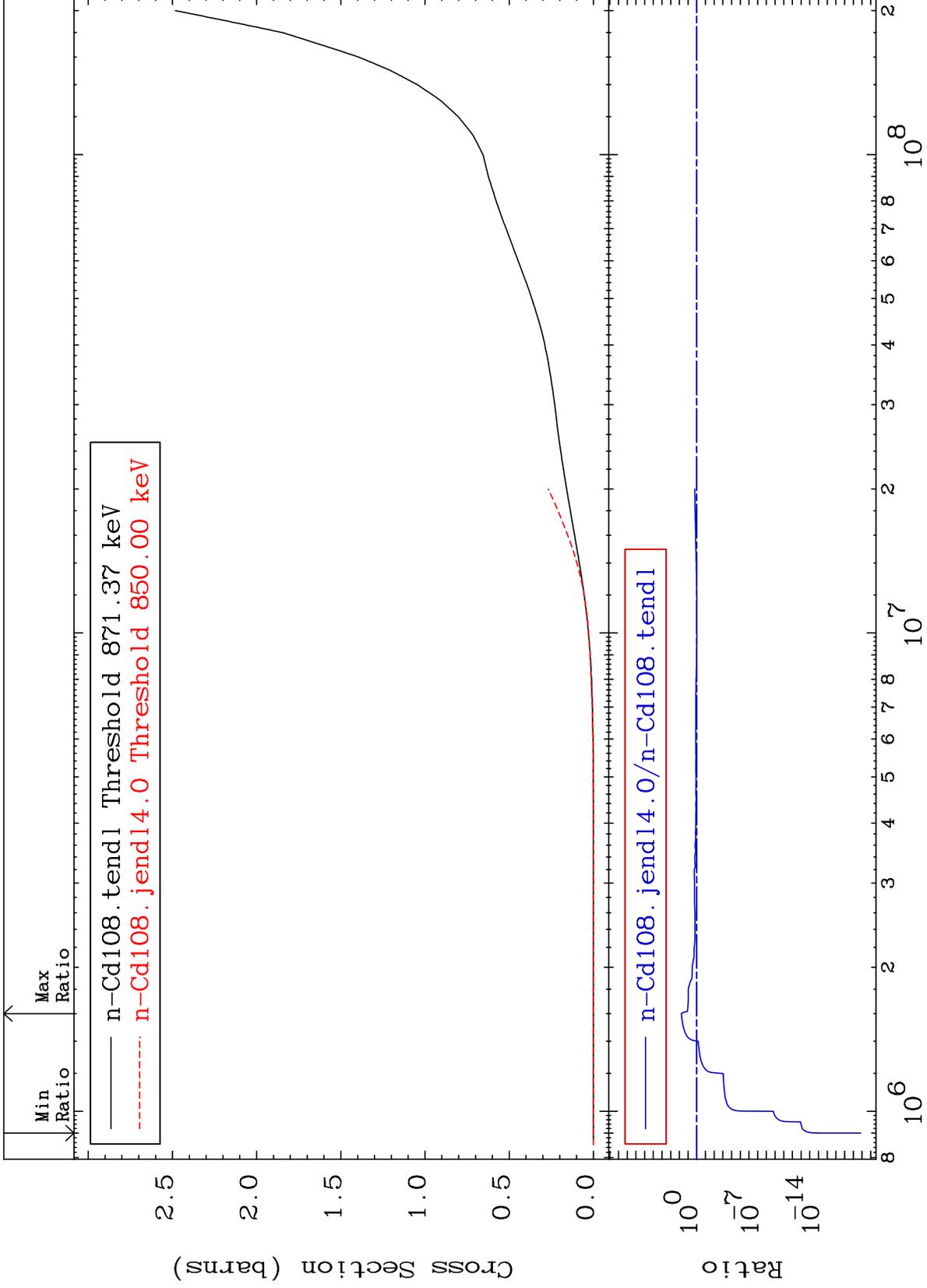
48-Cd-108
-33.79 To 9999. %



MAT 4831

Hydrogen Production
Cross Section

48-Cd-108
-100.0 To 5978. %



35

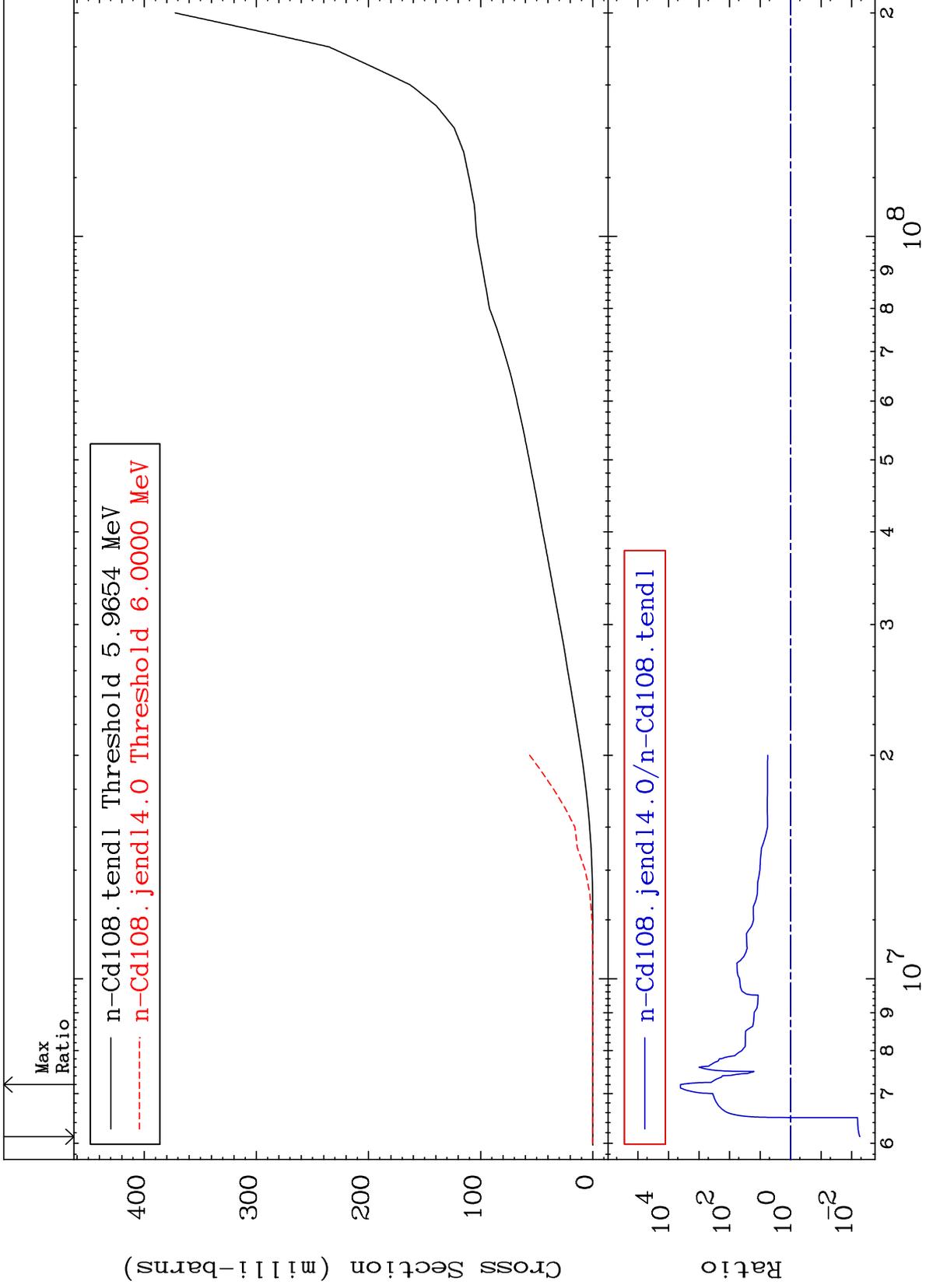
Incident Energy (eV)

48-Cd-108

MAT 4831

Deuterium Production
Cross Section

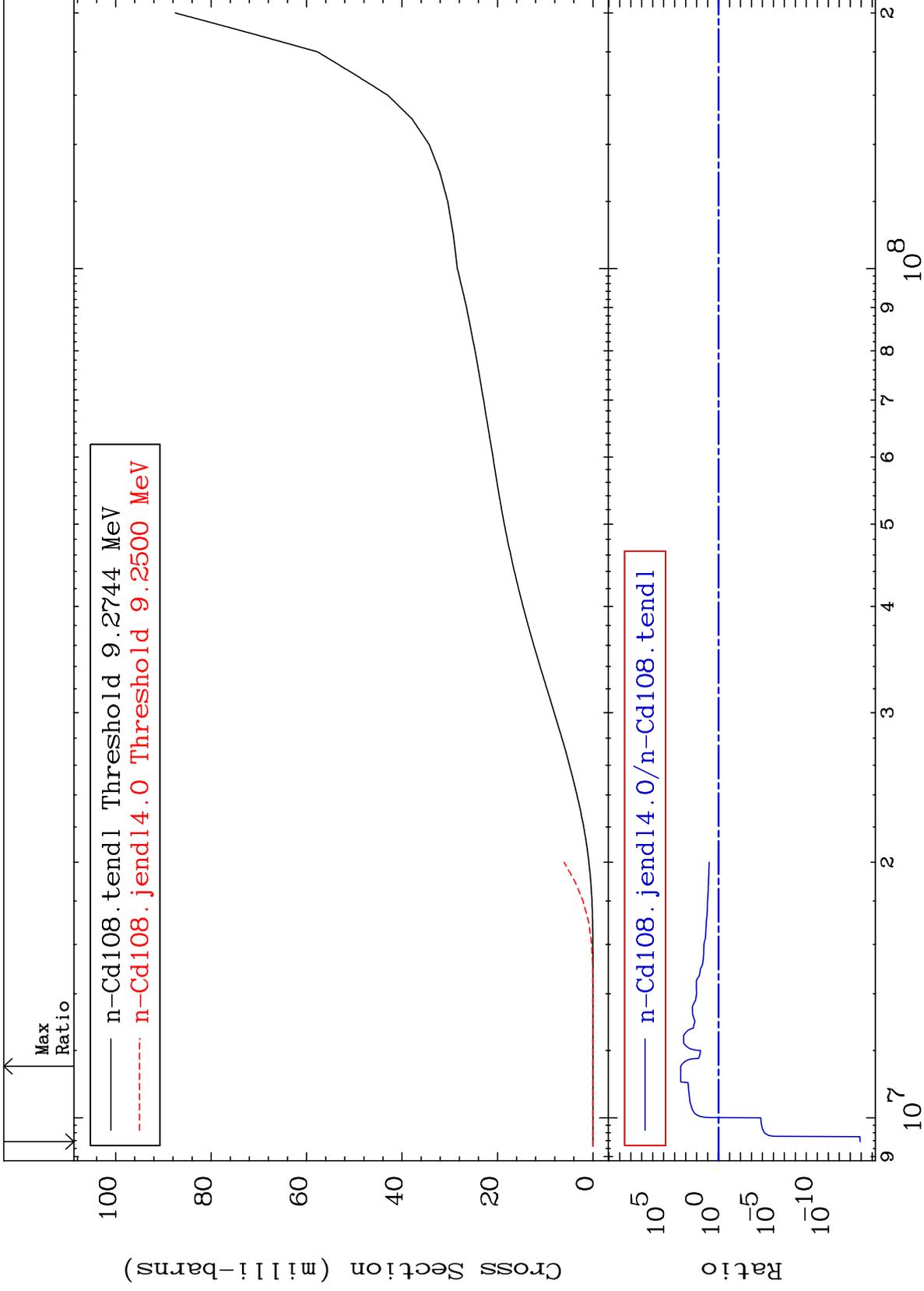
48-Cd-108
-99.45 To 9999. %



MAT 4831

Tritium Production
Cross Section

48-Cd-108
-100.0 To 9999. %



37

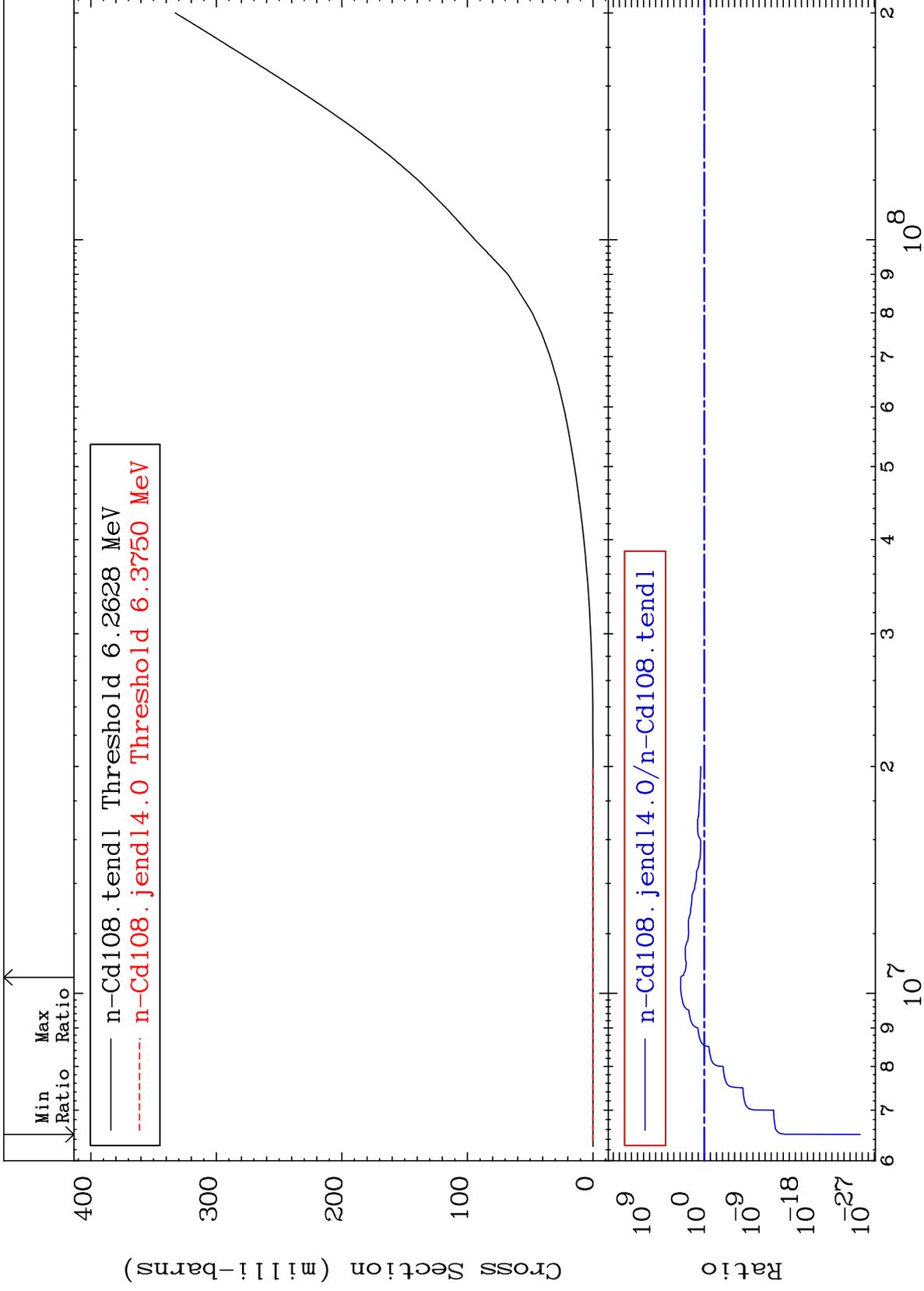
Incident Energy (eV)

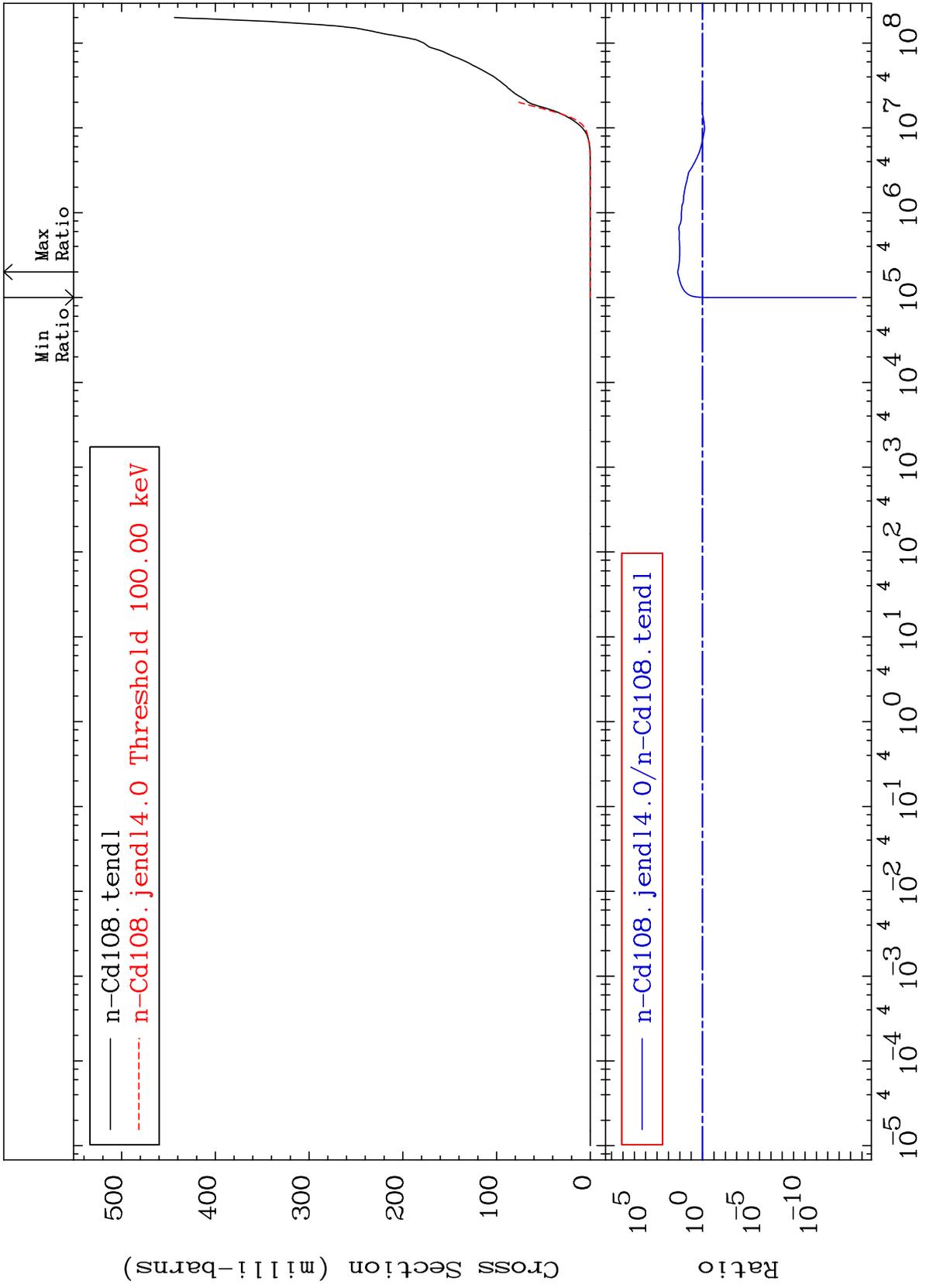
48-Cd-108

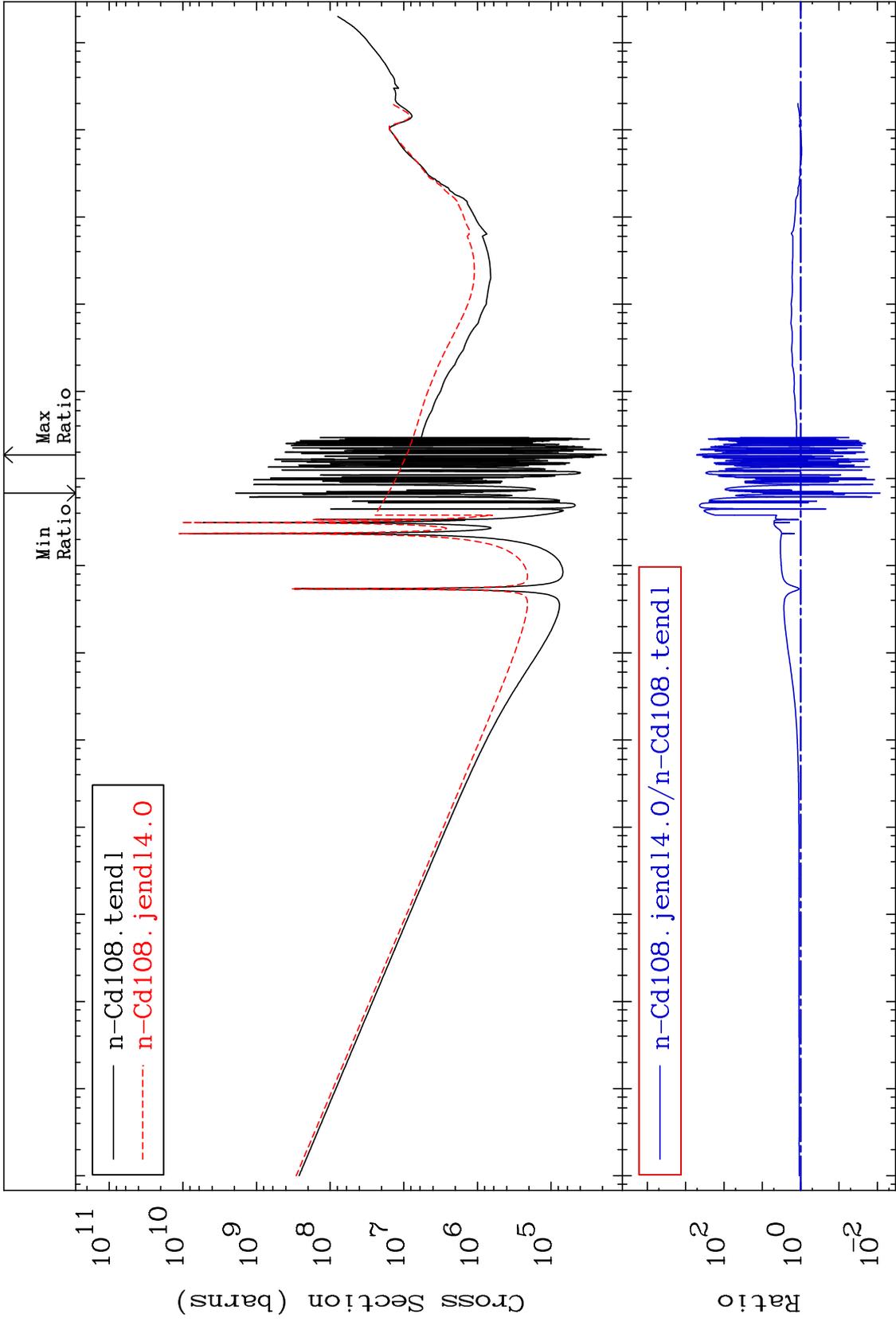
MAT 4831

He-3 Production
Cross Section

48-Cd-108
-100.0 To 9999. %



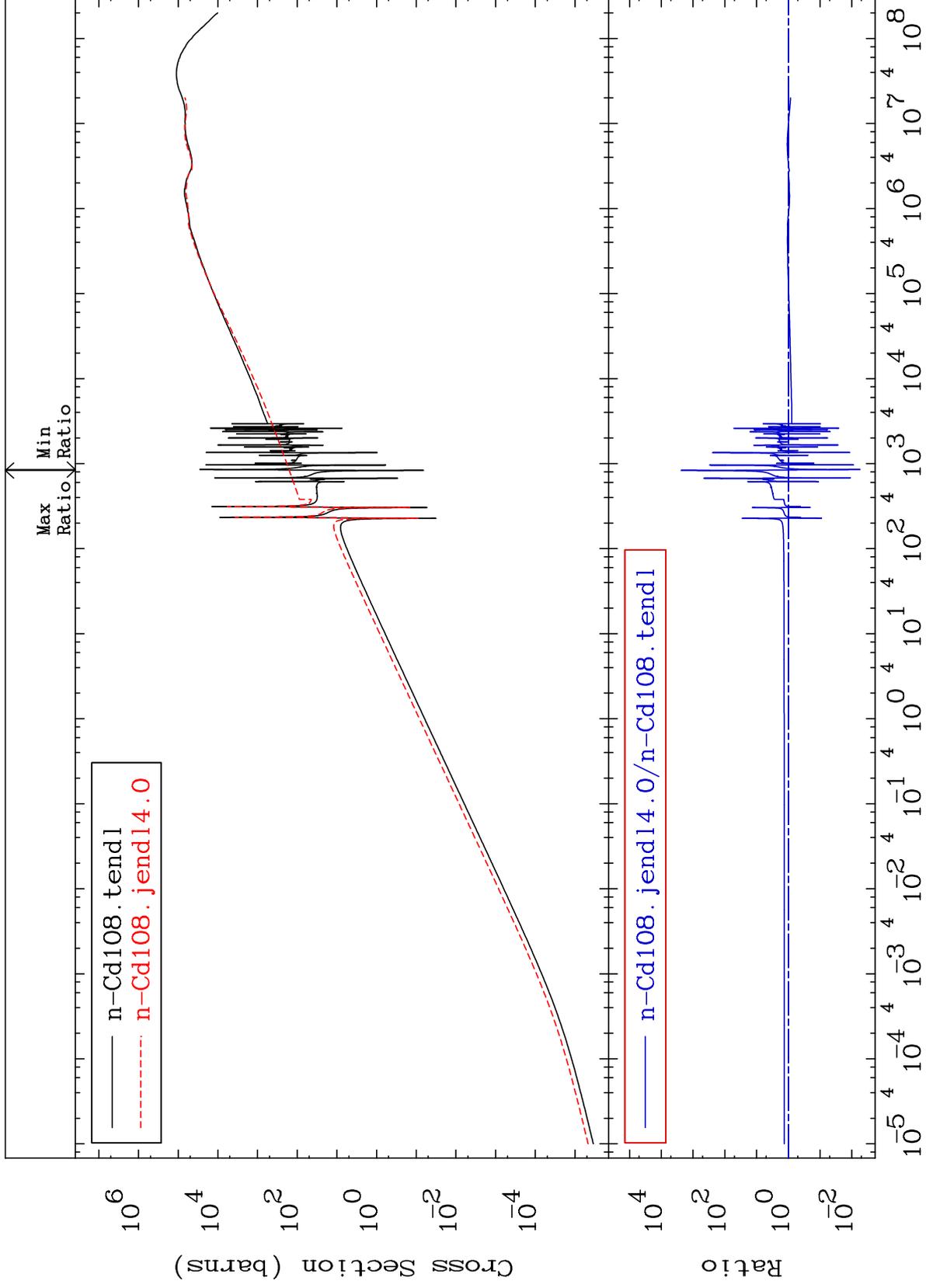


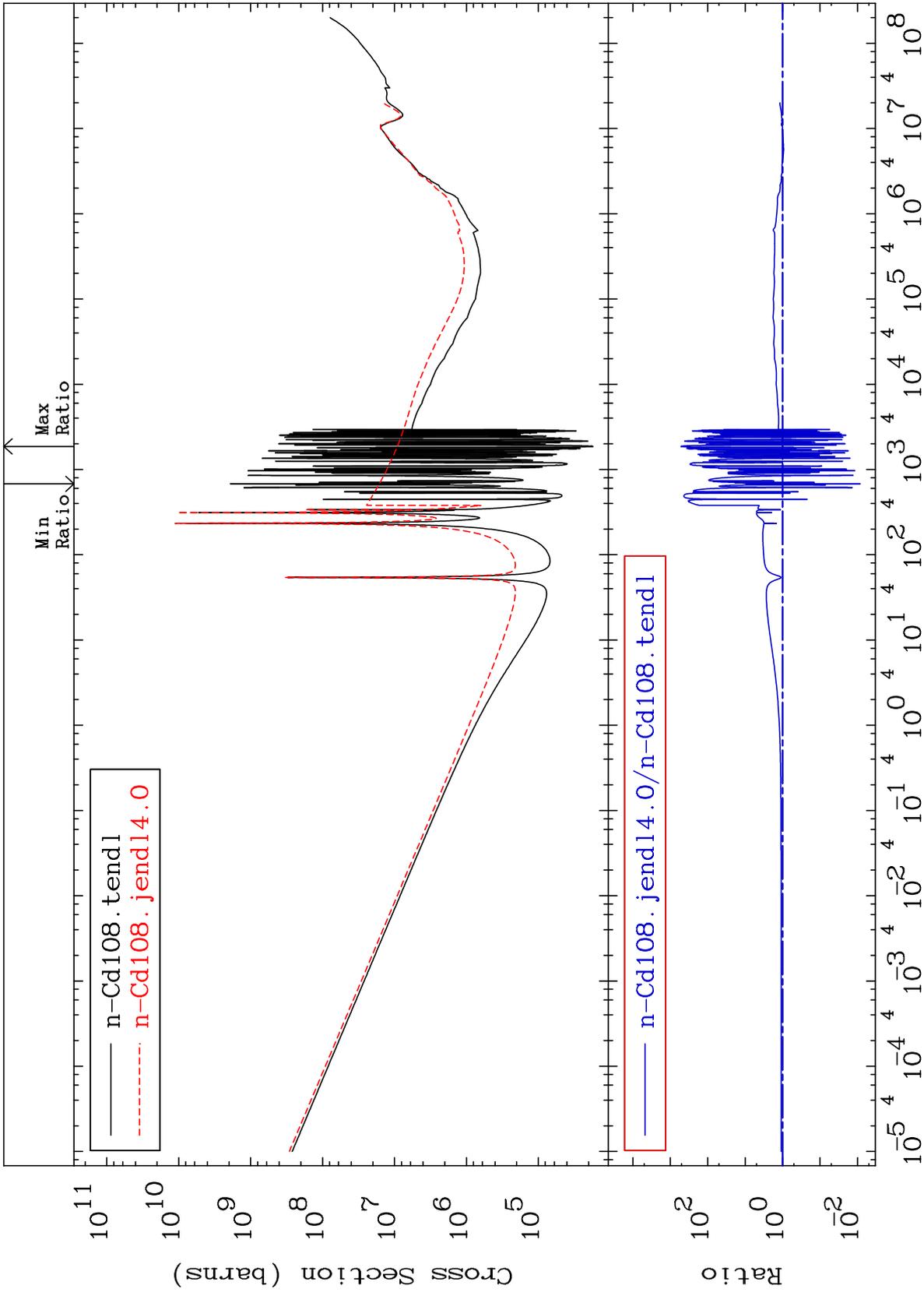


MAT 4831

Kerma elastic
Cross Section

48-Cd-108
-99.44 To 9999. %

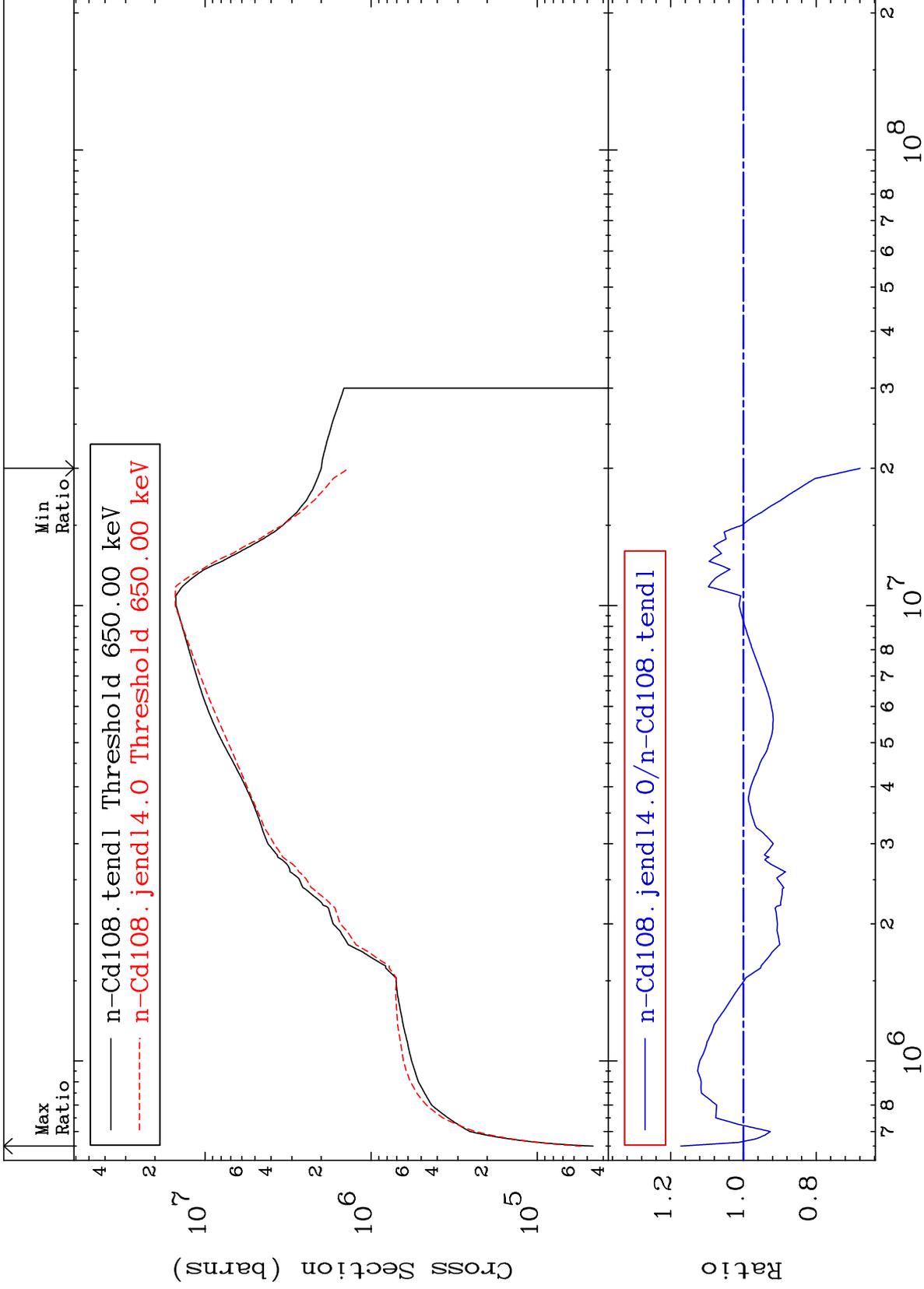




MAT 4831

Kerma inelastic (mt51-91)
Cross Section

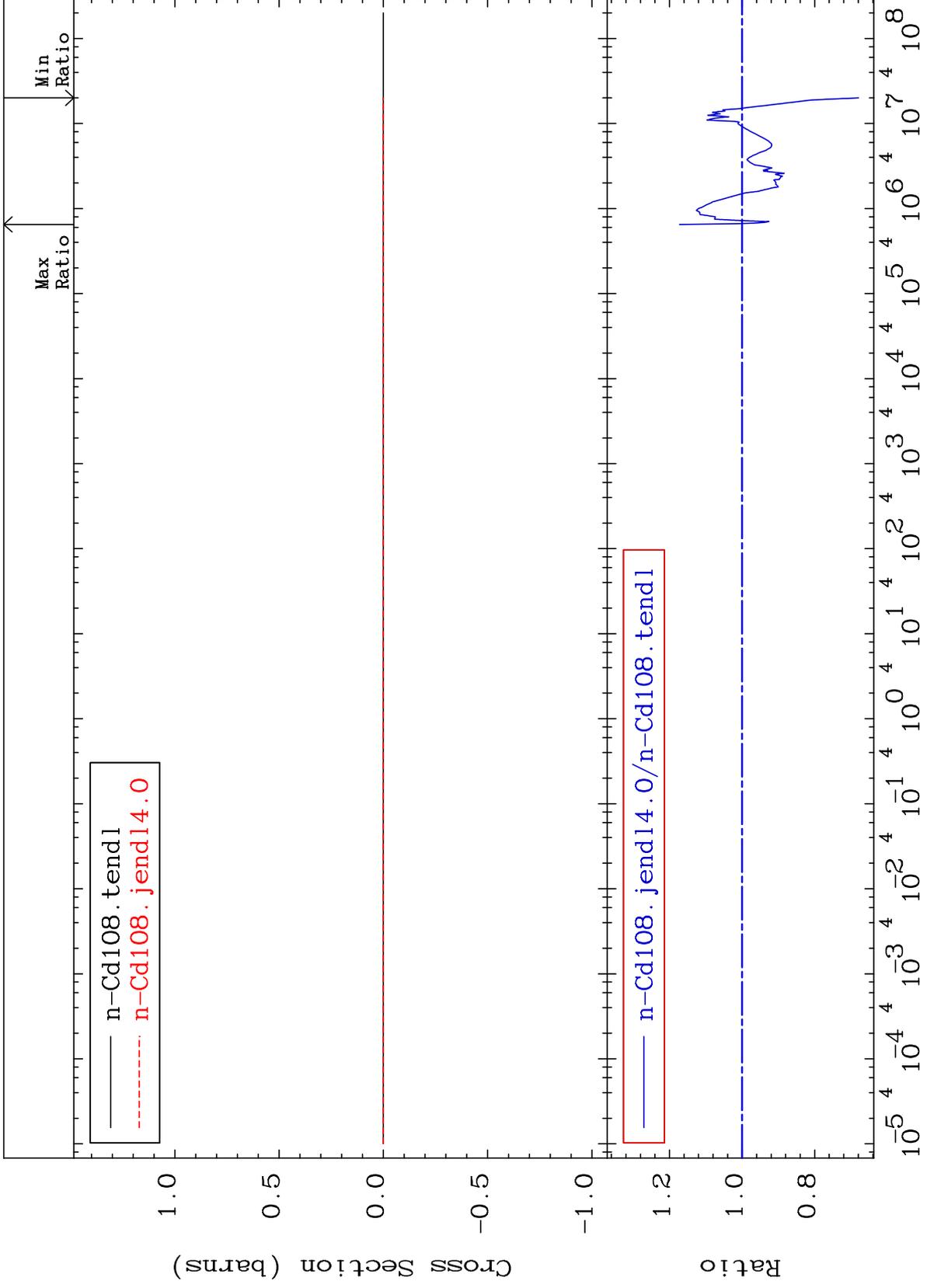
48-Cd-108
-32.07 To 17.23 %



MAT 4831

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

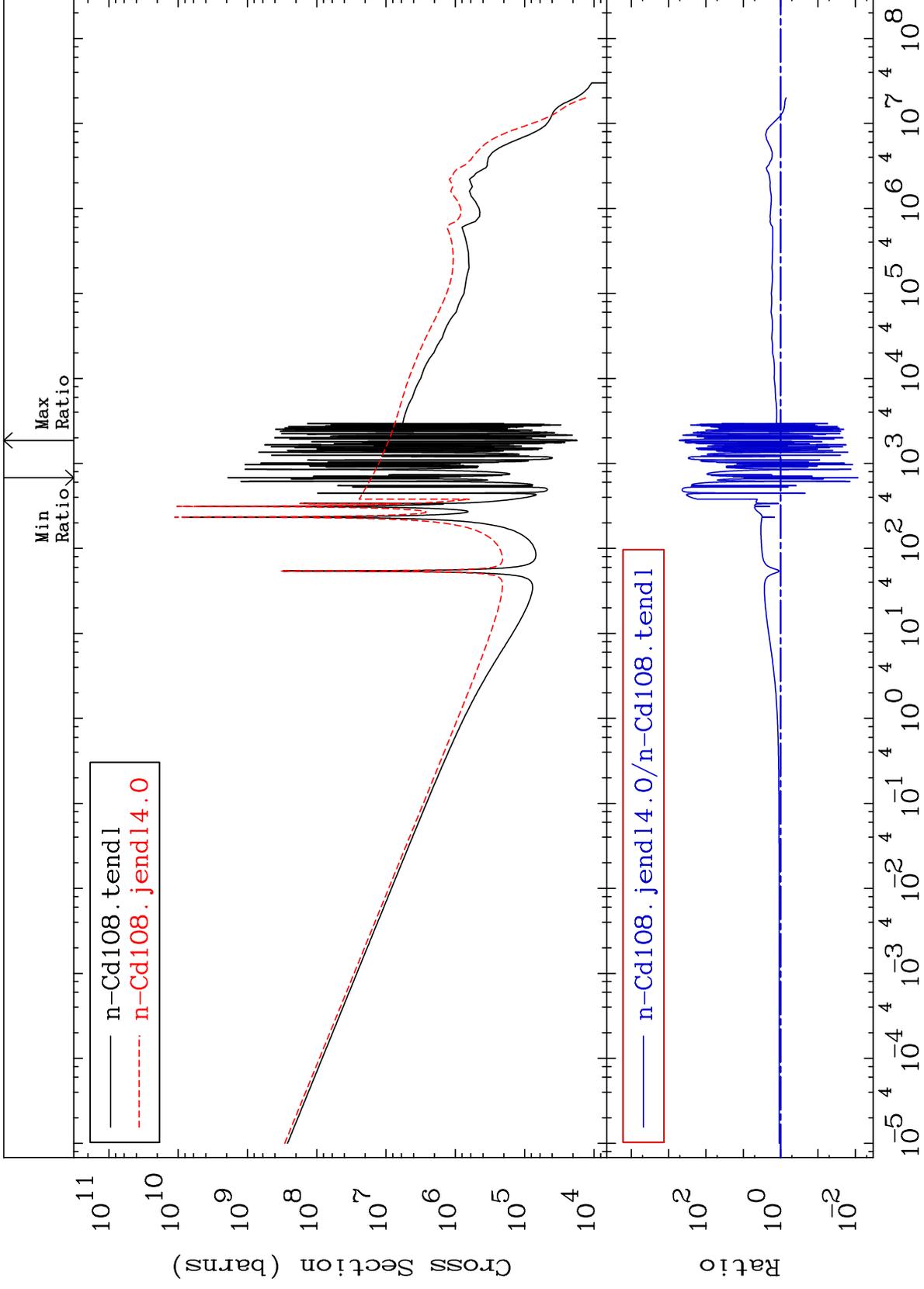
48-Cd-108
-32.07 To 17.23 %



MAT 4831

Kerma capture (mt102)
Cross Section

48-Cd-108
-99.15 To 9999. %



45

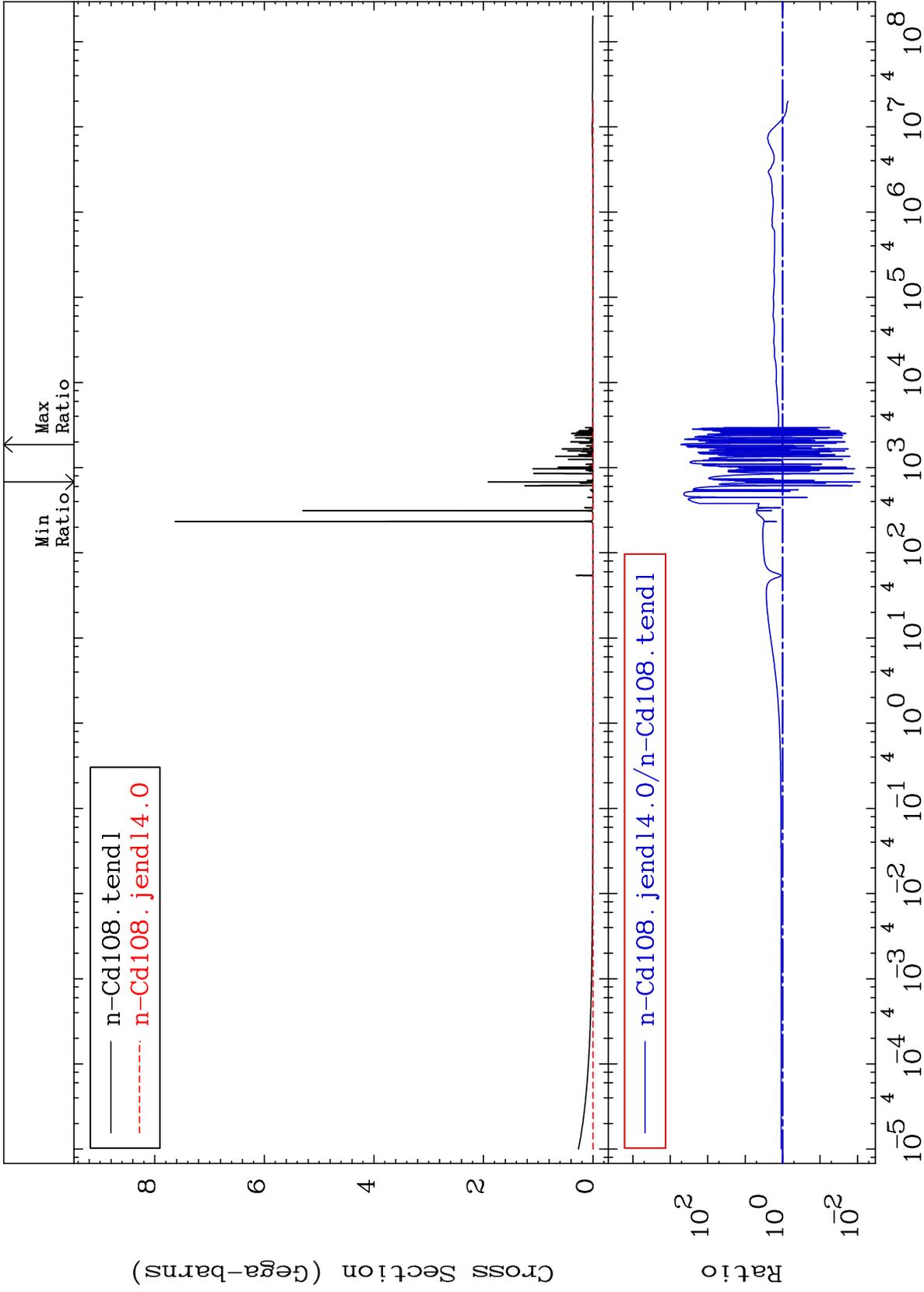
Incident Energy (eV)

48-Cd-108

MAT 4831

Total photon (eV-barns)
Cross Section

48-Cd-108
-99.15 To 9999. %



46

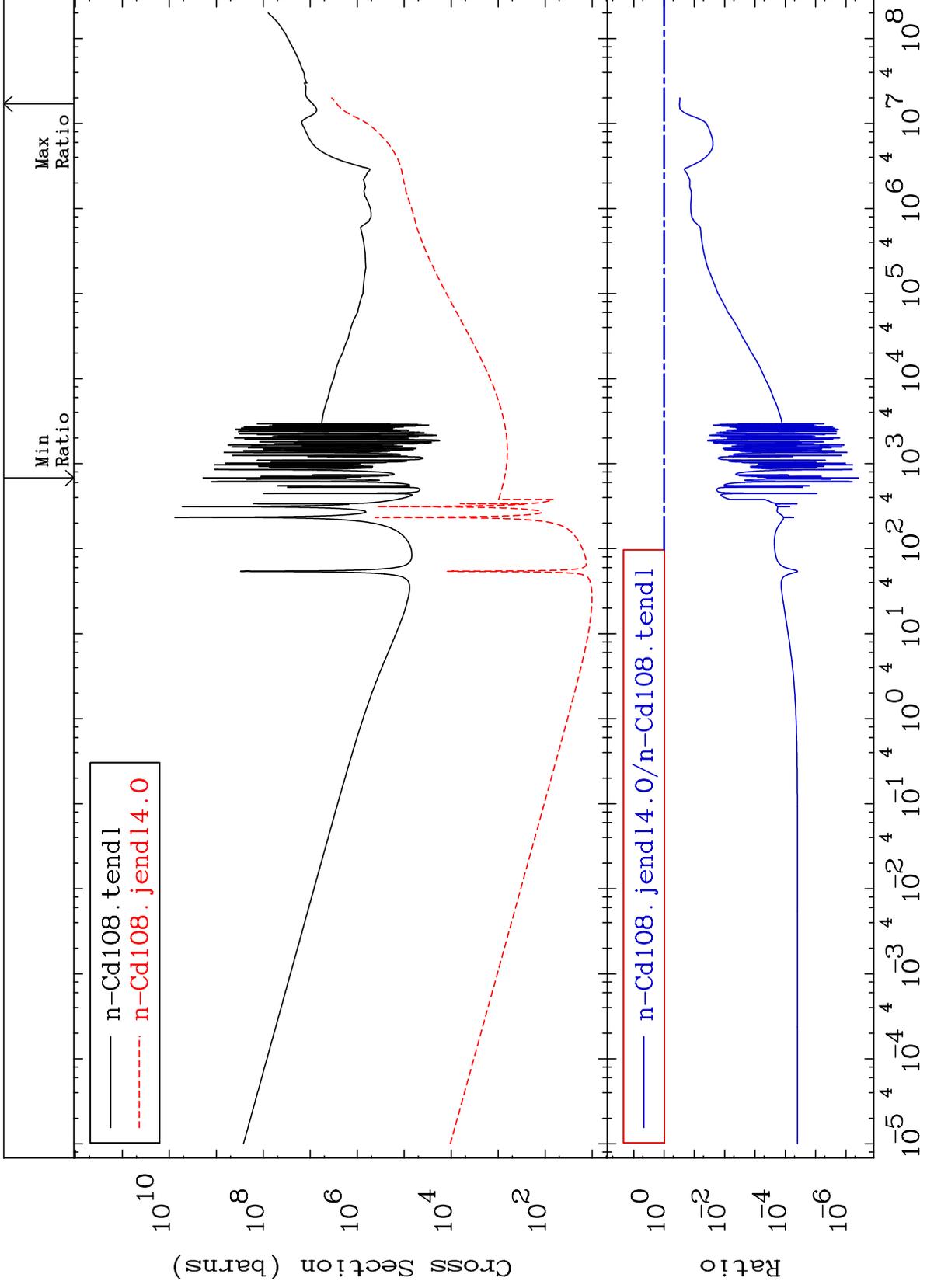
Incident Energy (eV)

48-Cd-108

MAT 4831

Total kinematic kerma (high limit)
Cross Section

48-Cd-108
-100.0 To -69.11%



47

Incident Energy (eV)

48-Cd-108

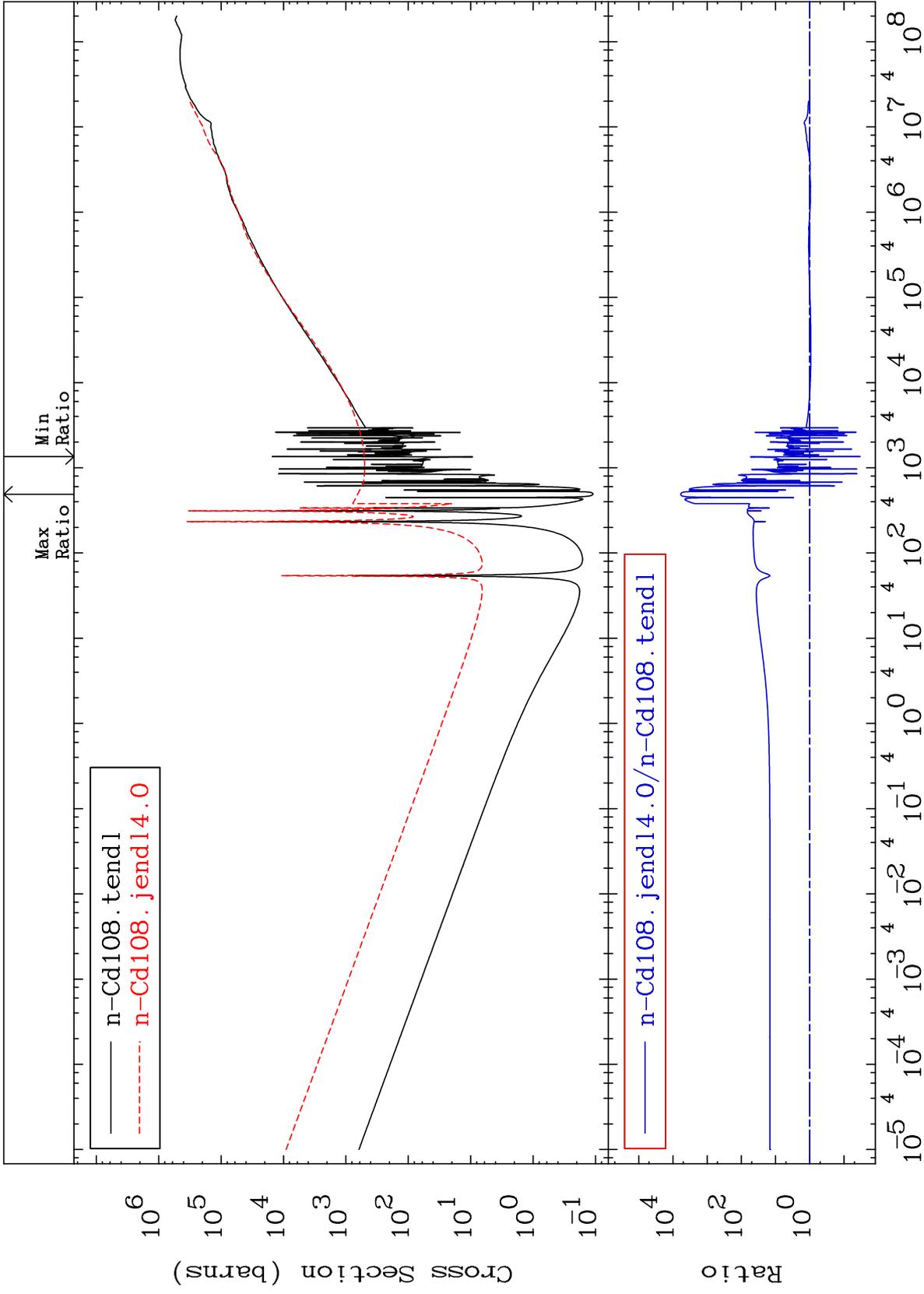
MAT 4831

Dpa total (eV-barns)

48-Cd-108

-96.59 To 9999. %

Cross Section



48

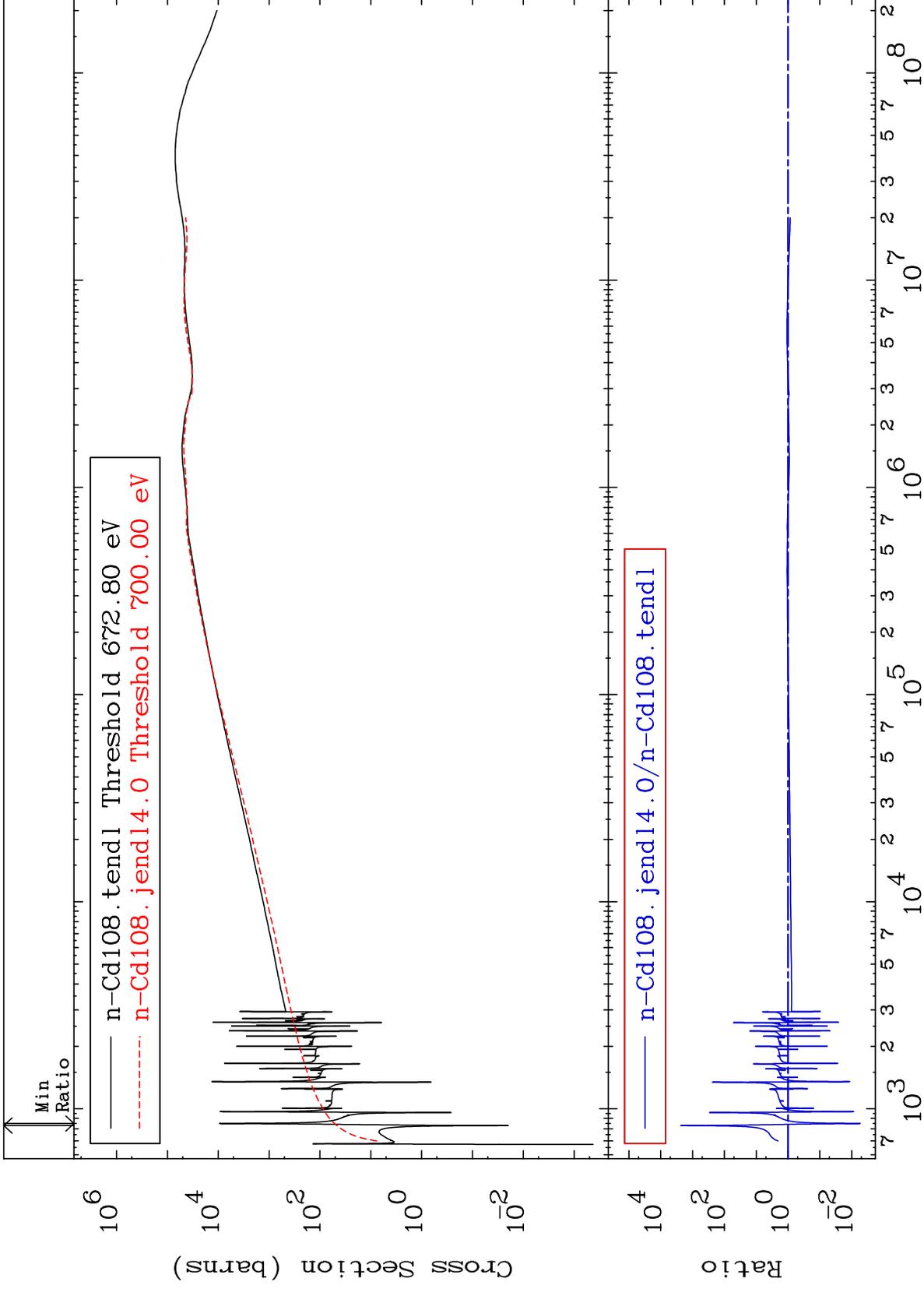
Incident Energy (eV)

48-Cd-108

MAT 4831

Dpa elastic (mt2)
Cross Section

48-Cd-108
-99.45 To 9999. %



49

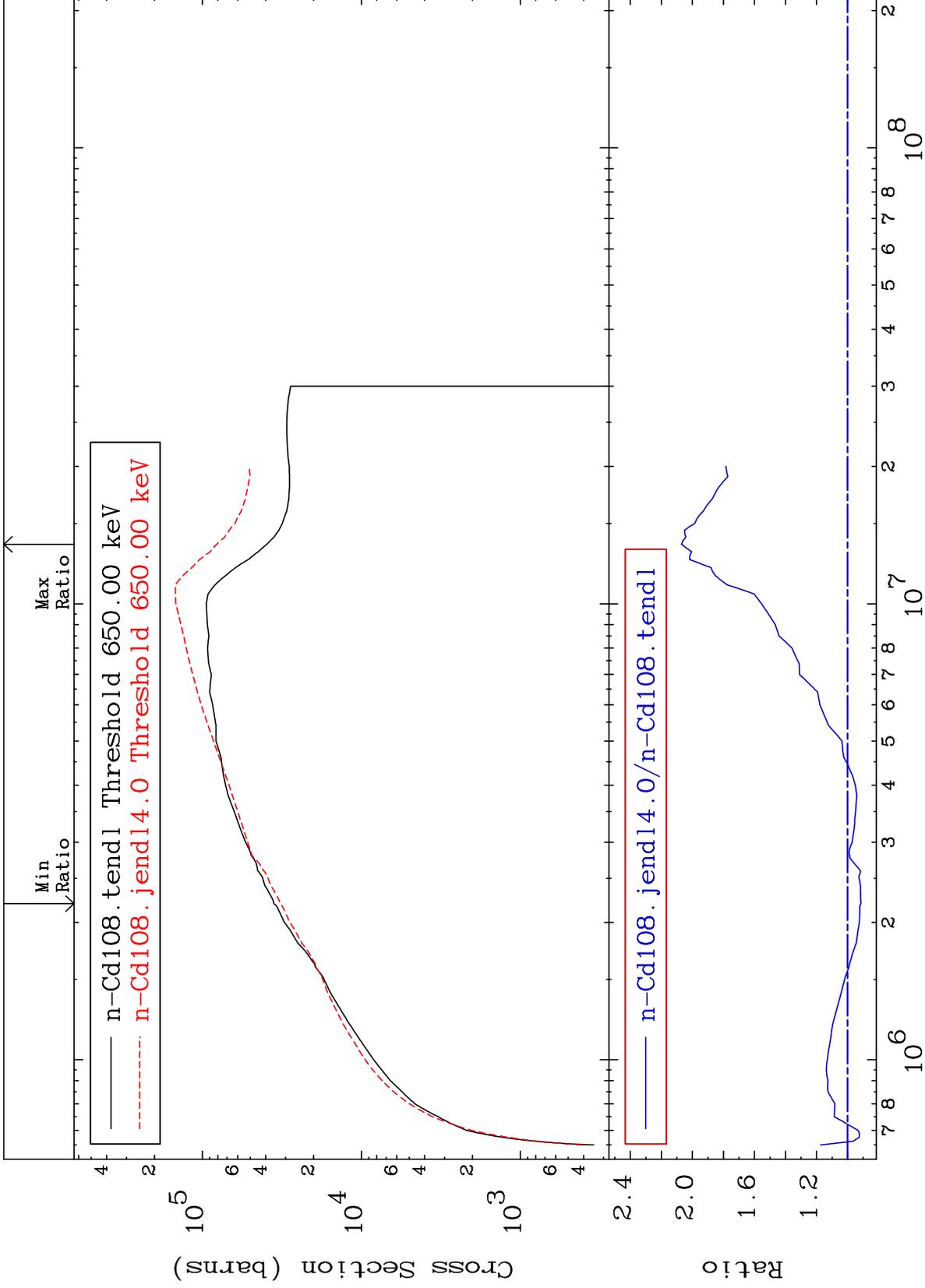
Incident Energy (eV)

48-Cd-108

MAT 4831

Dpa inelastic (mt51-91)
Cross Section

48-Cd-108
-8.635 To 107.0 %



50

Incident Energy (eV)

48-Cd-108

