

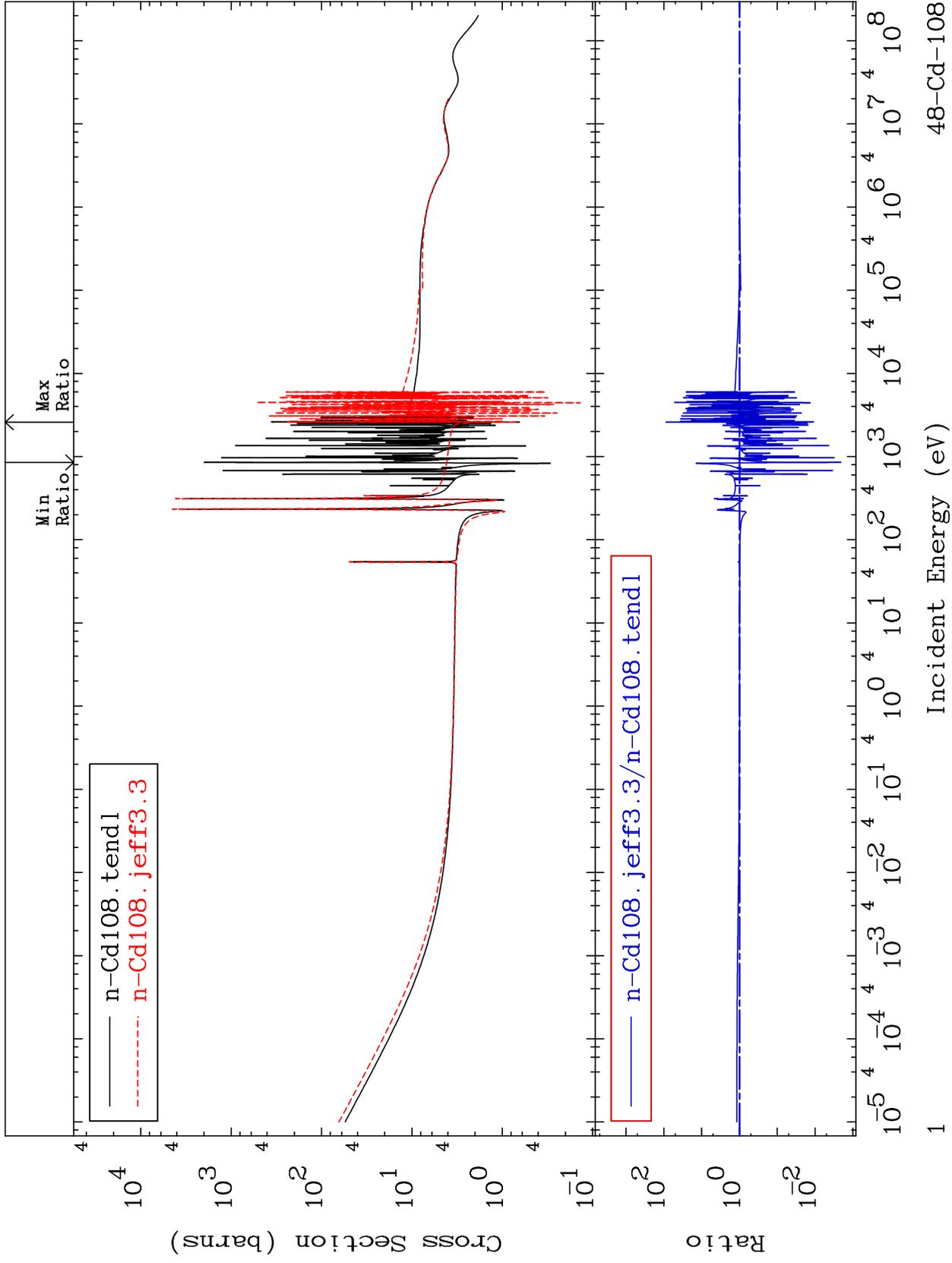
MAT 4831

Total

48-Cd-108

Cross Section

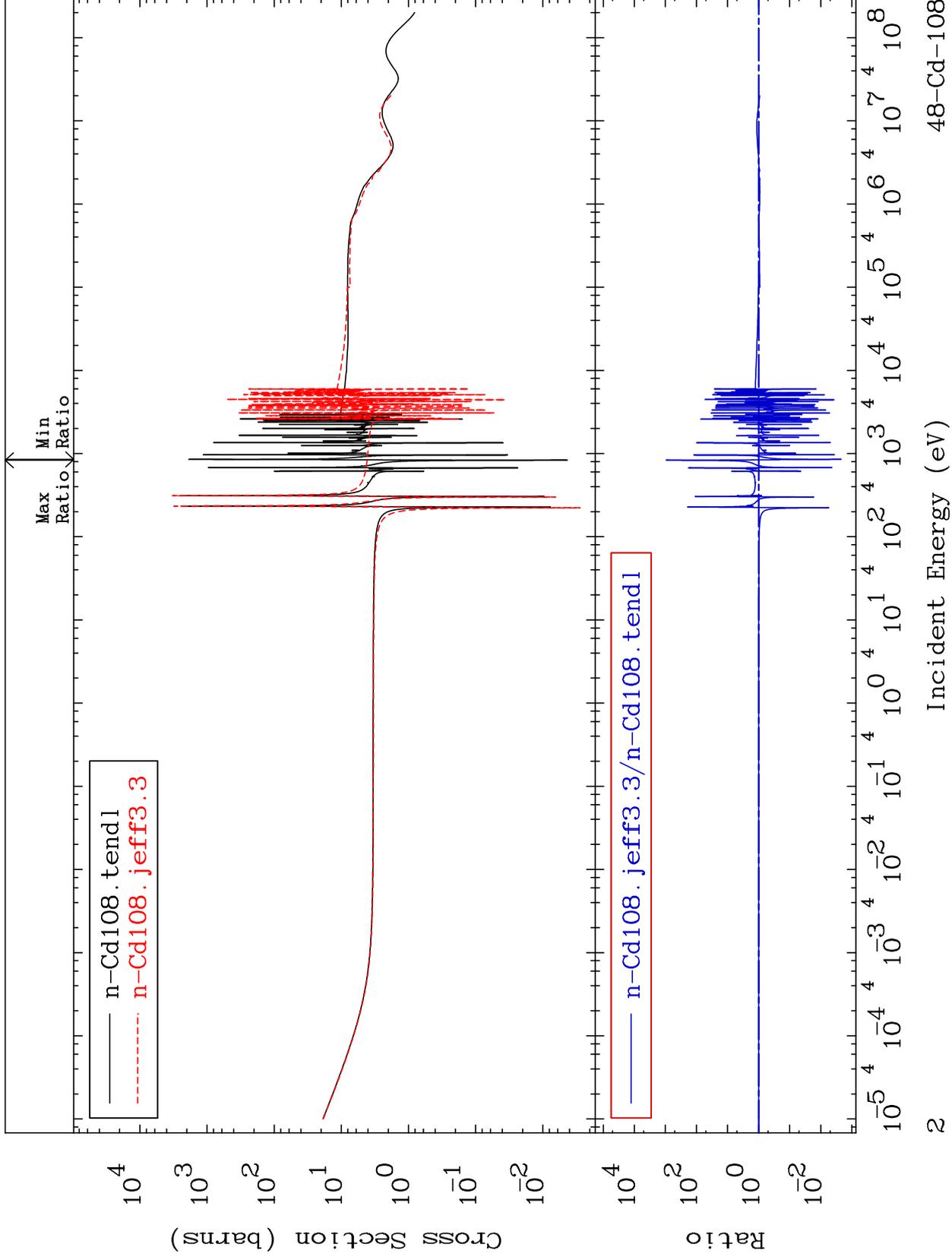
-99.79 To 8688. %



MAT 4831

Elastic
Cross Section

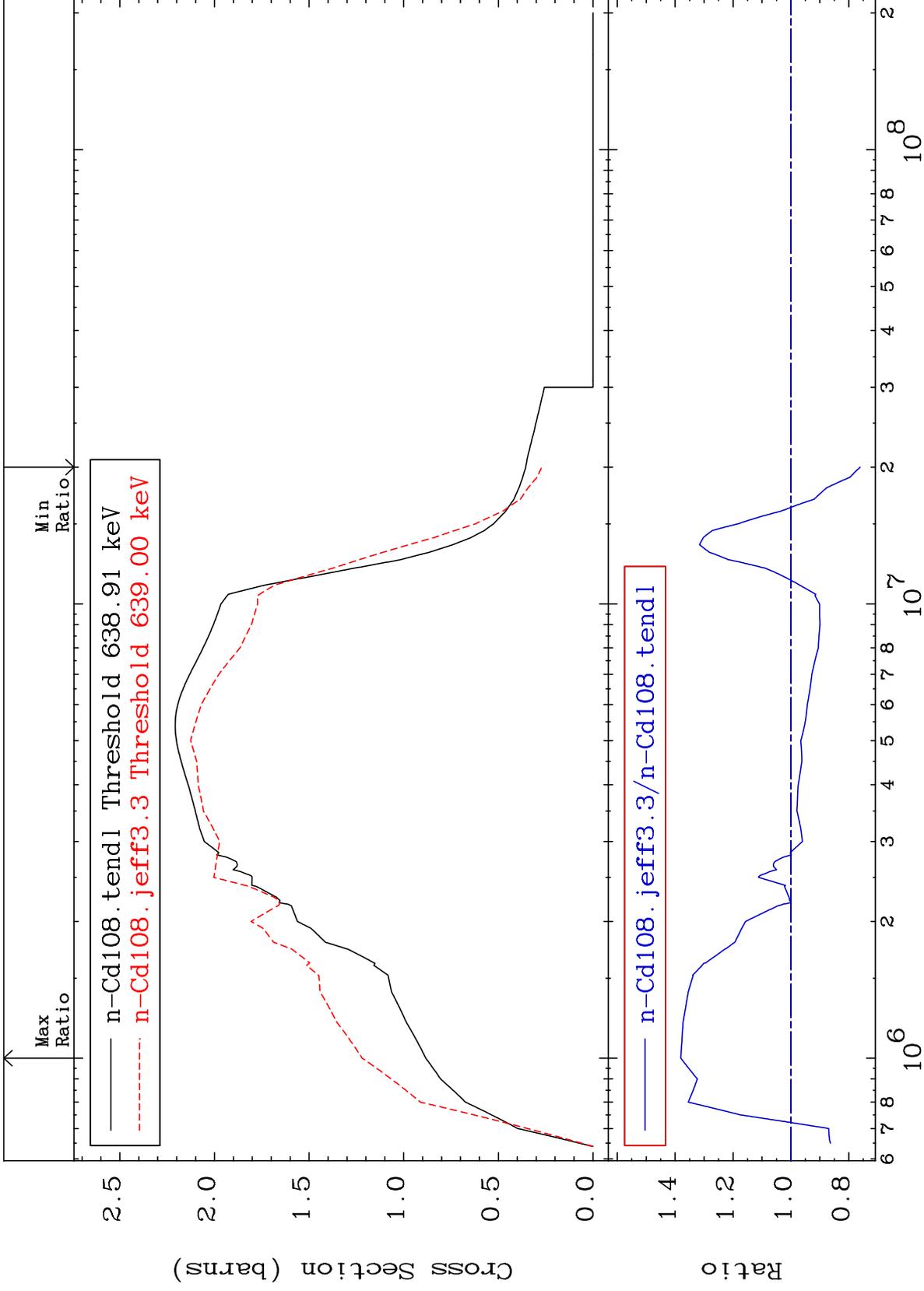
48-Cd-108
-99.78 To 9999. %



MAT 4831

Inelastic
Cross Section

48-Cd-108
-23.89 To 38.07 %



3

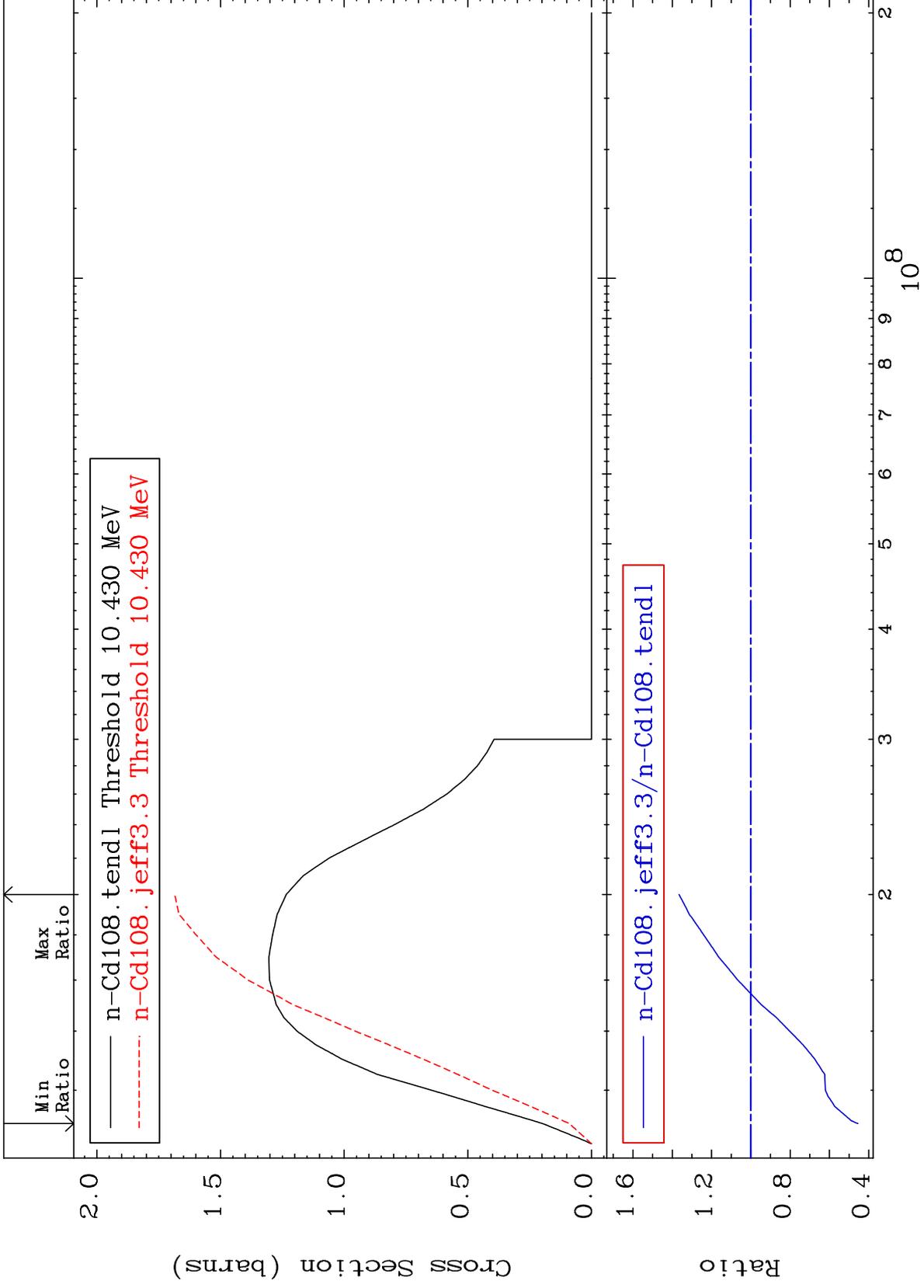
Incident Energy (eV)

48-Cd-108

MAT 4831

(n,2n)
Cross Section

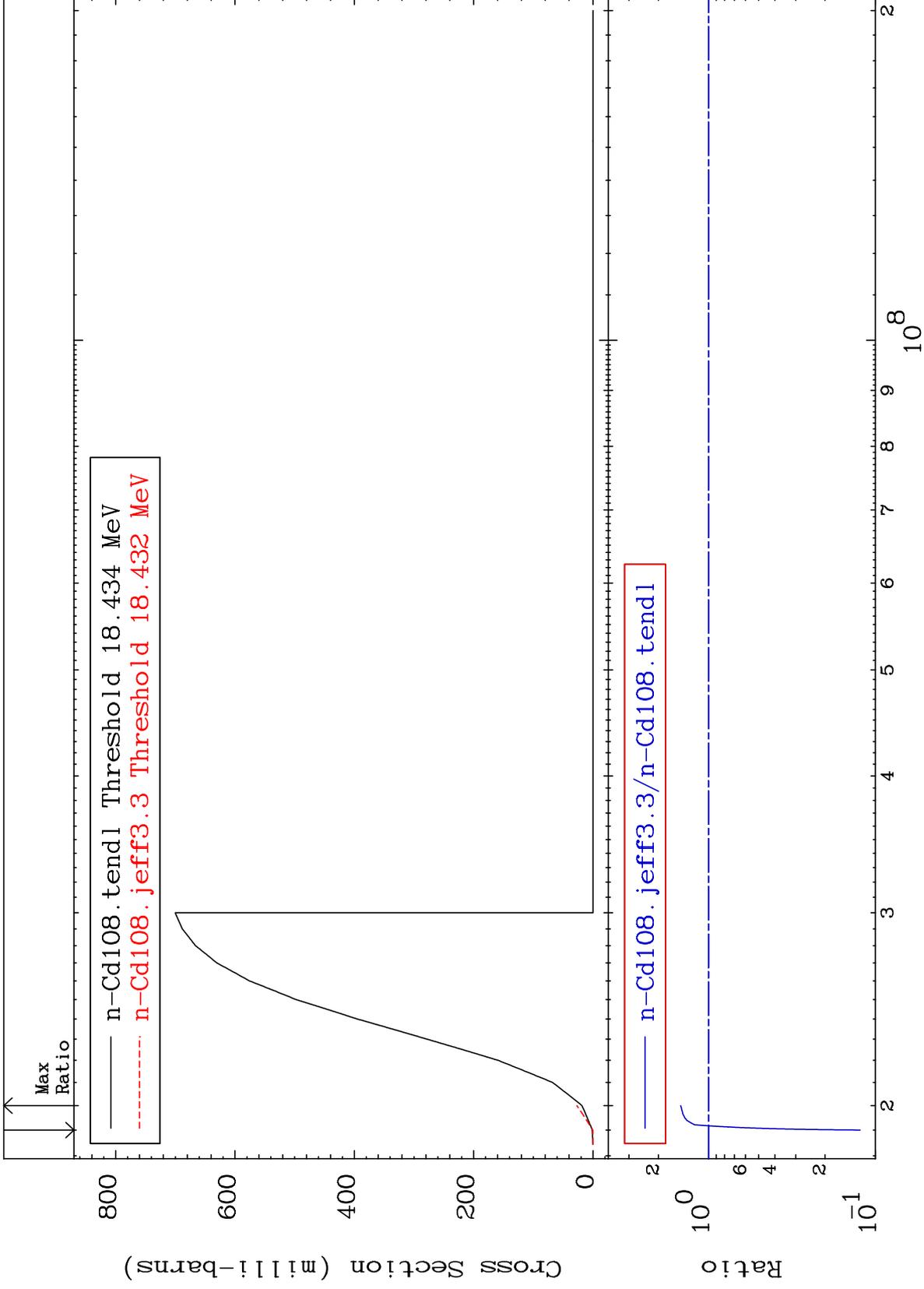
48-Cd-108
-54.47 To 36.54 %



MAT 4831

(n,3n)
Cross Section

48-Cd-108
-87.67 To 46.63 %



5

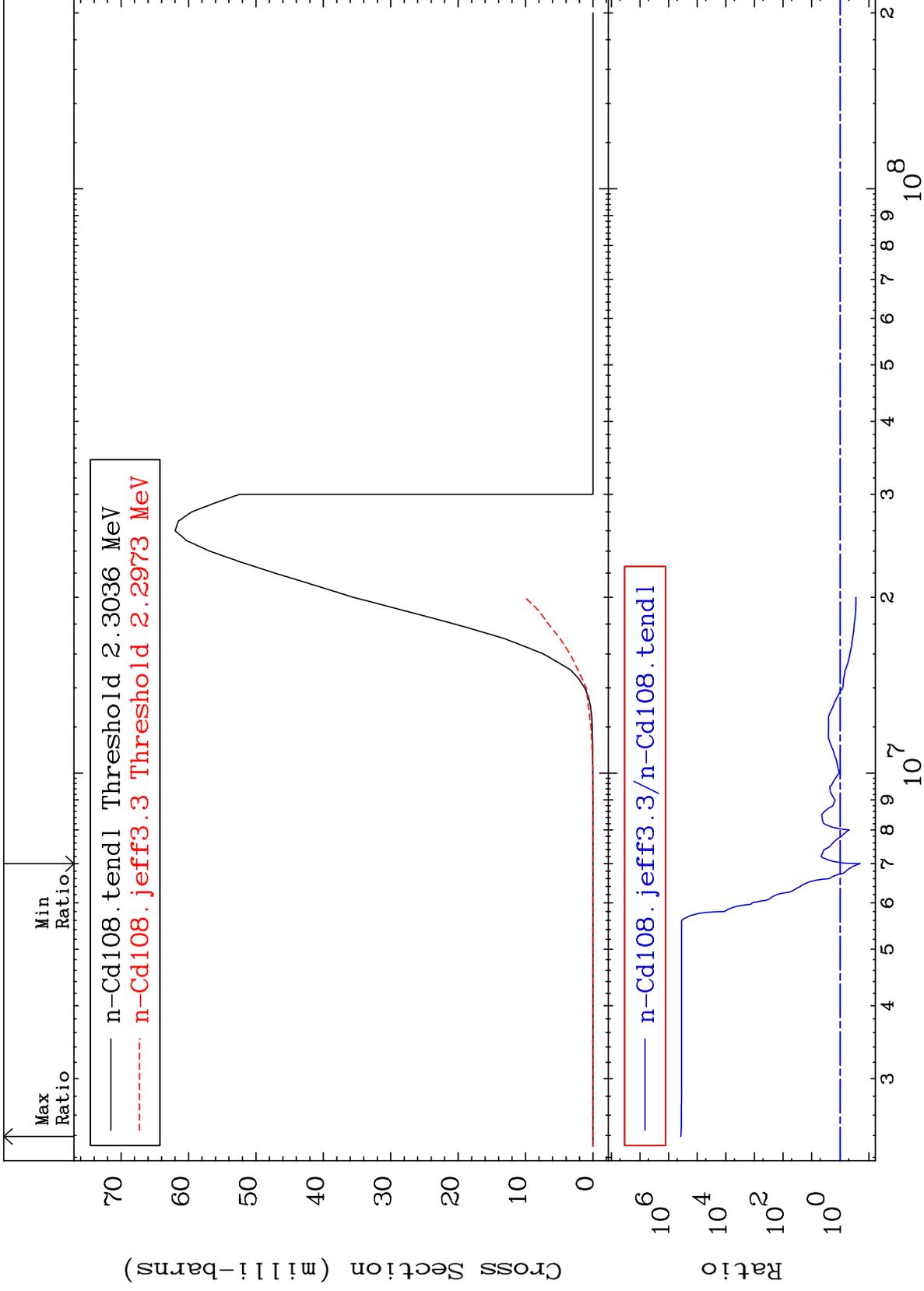
Incident Energy (eV)

48-Cd-108

MAT 4831

(n,n') α
Cross Section

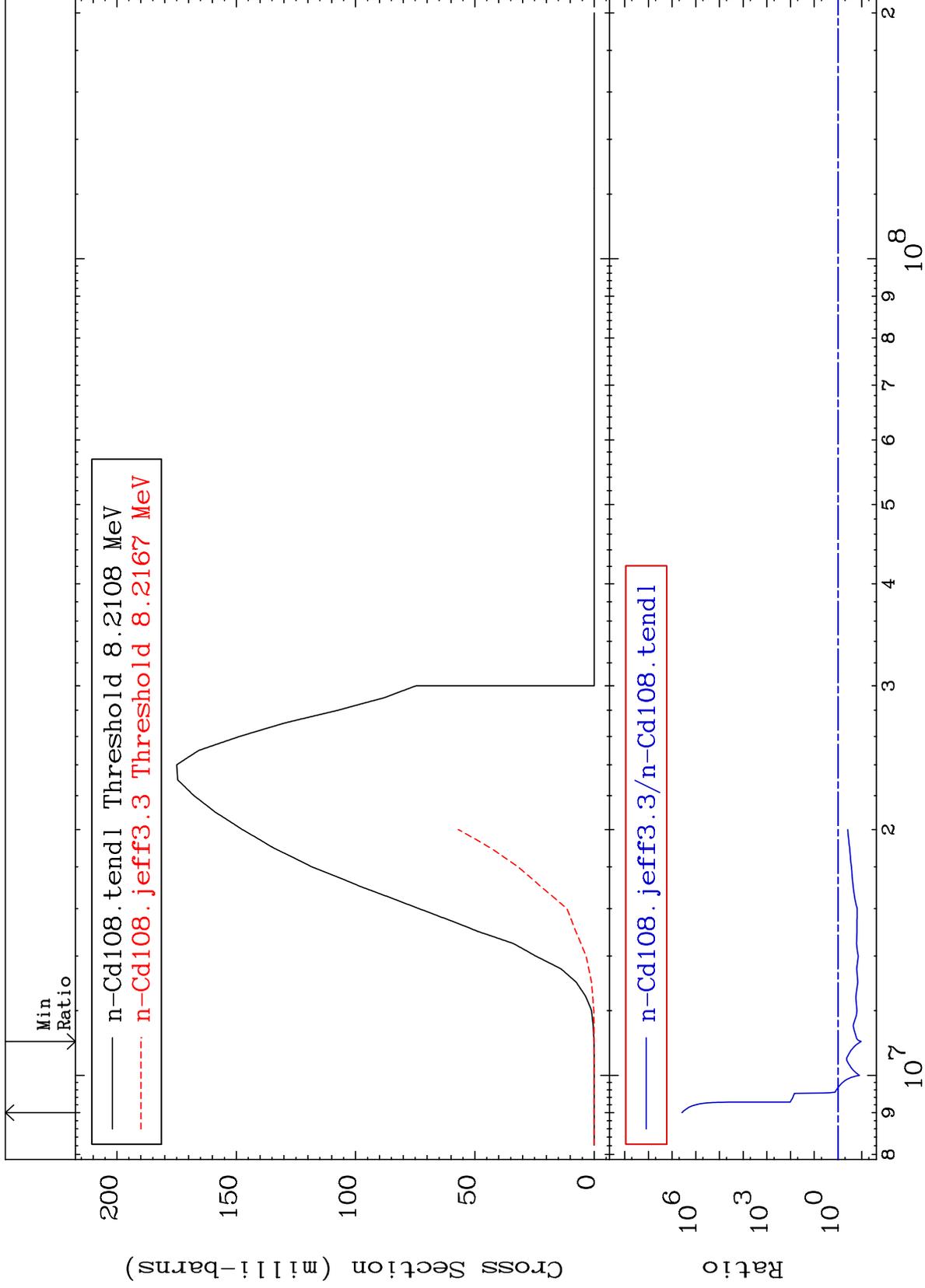
48-Cd-108
-79.74 To 9999. %



MAT 4831

(n, n') p
Cross Section

48-Cd-108
-89.48 To 9999. %



7

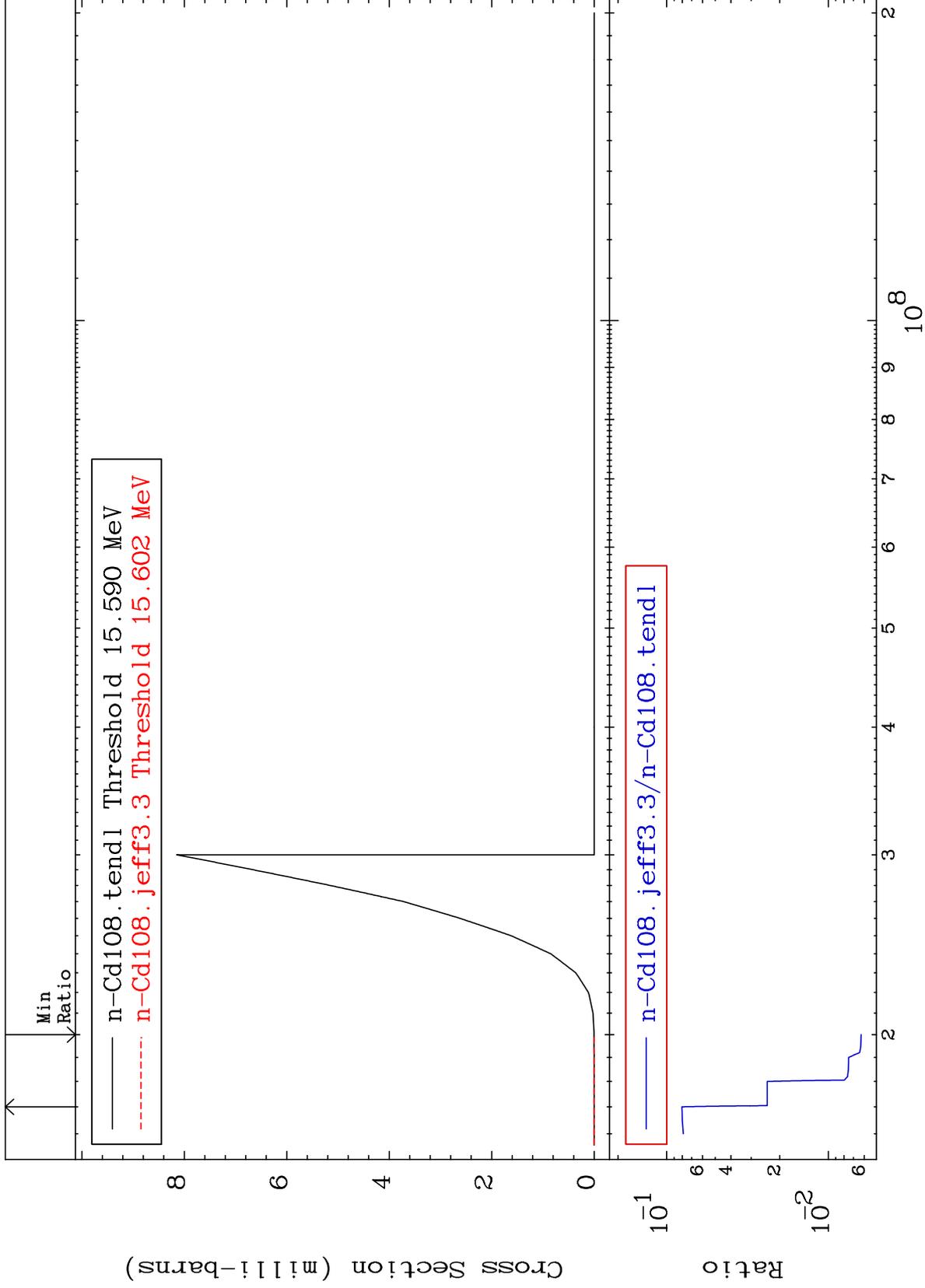
Incident Energy (eV)

48-Cd-108

MAT 4831

(n, n') d
Cross Section

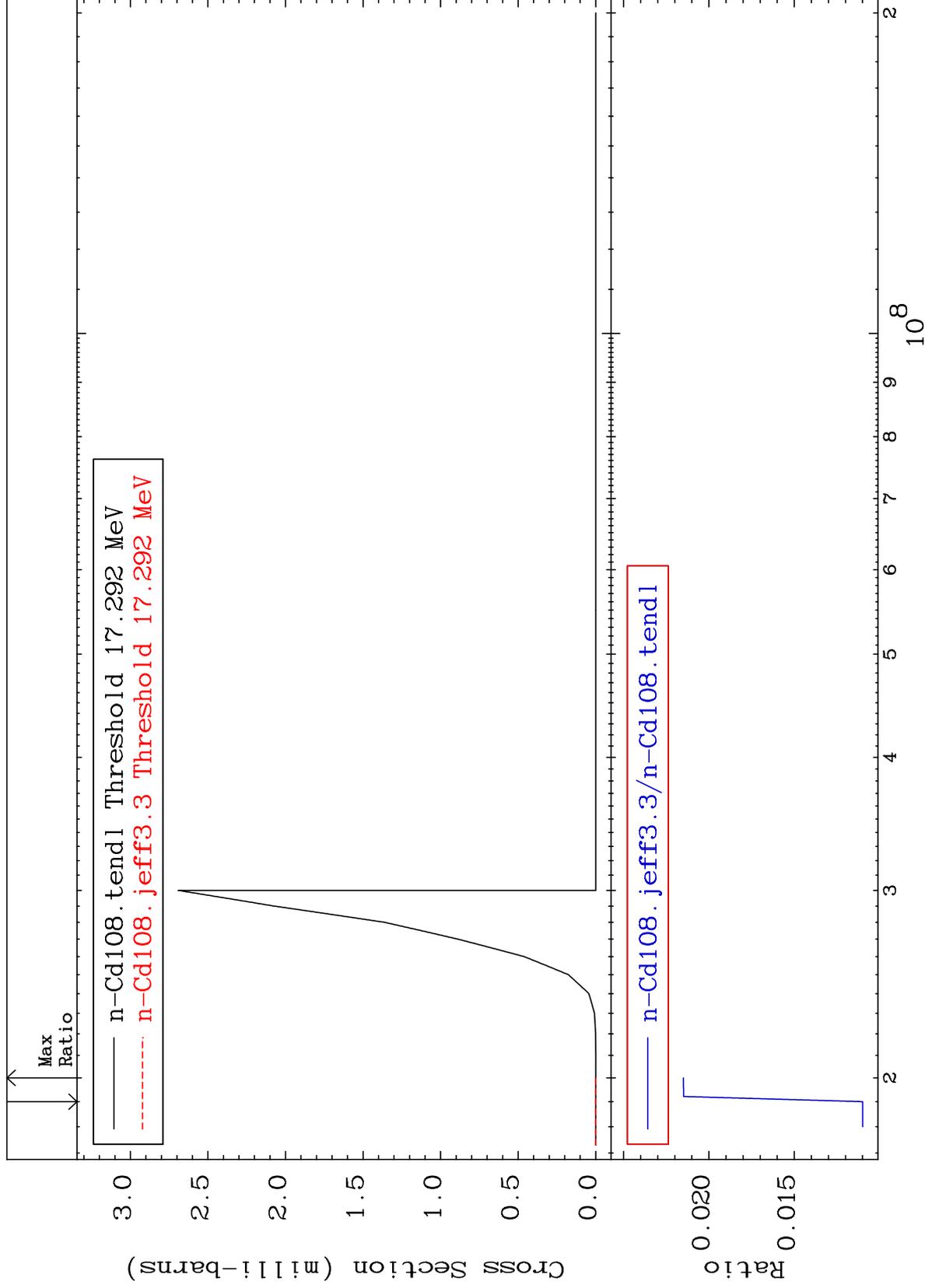
48-Cd-108
-99.37 To -91.95%



MAT 4831

(n,n') t
Cross Section

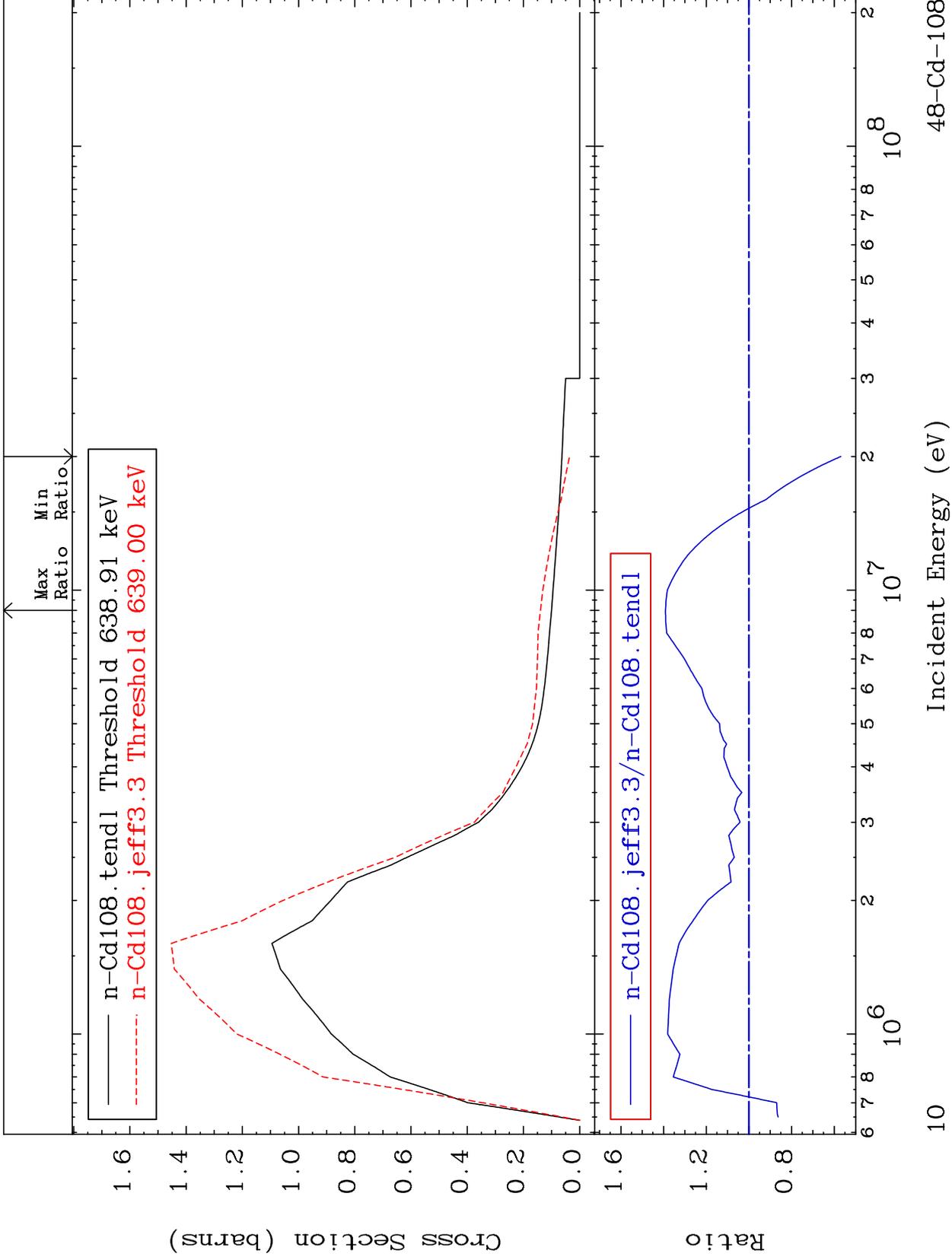
48-Cd-108
-98.90 To -97.85%



MAT 4831

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

48-Cd-108
-43.09 To 39.08 %



10

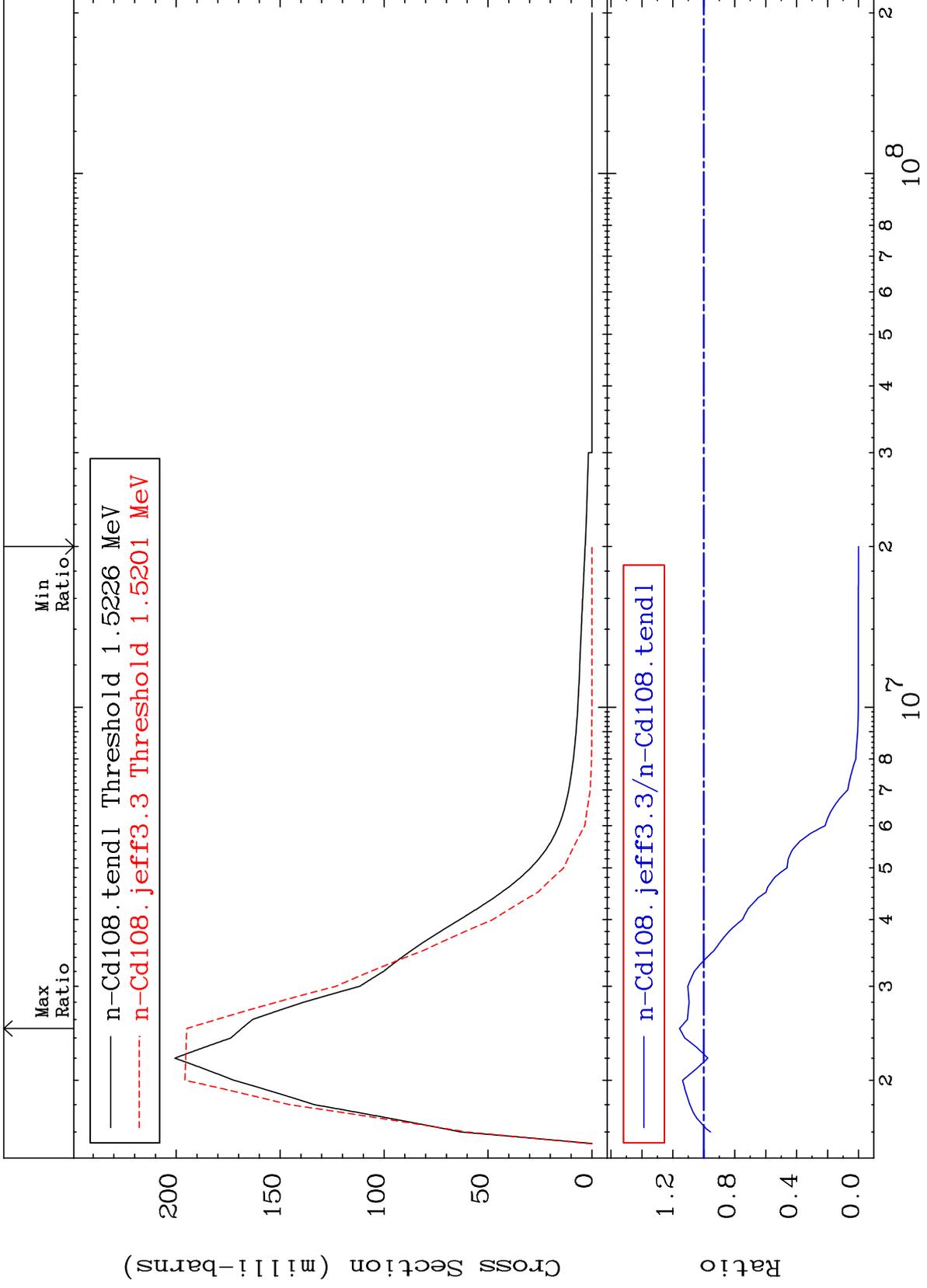
Incident Energy (eV)

48-Cd-108

MAT 4831

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

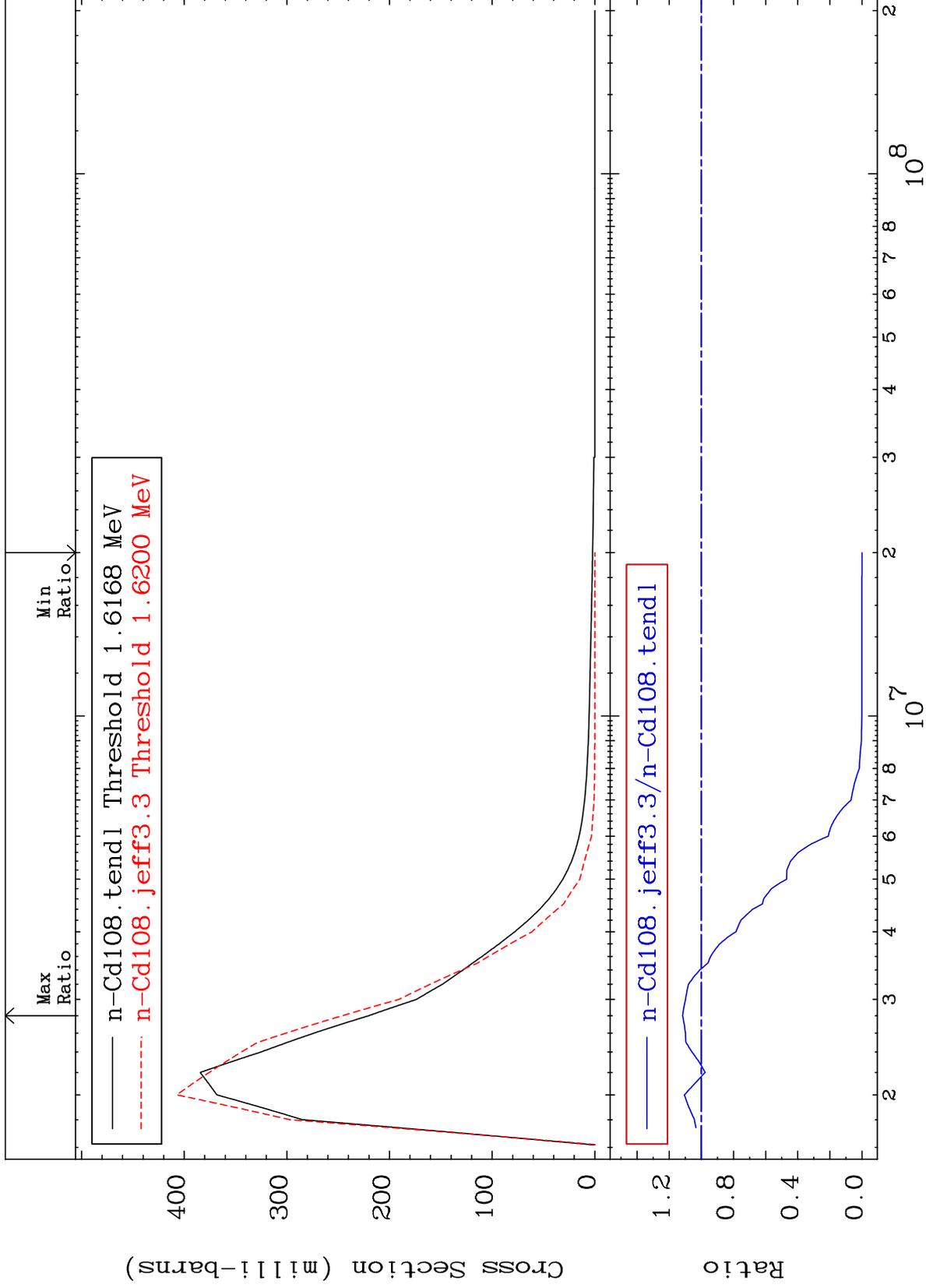
48-Cd-108
-100.0 To 15.66 %



MAT 4831

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

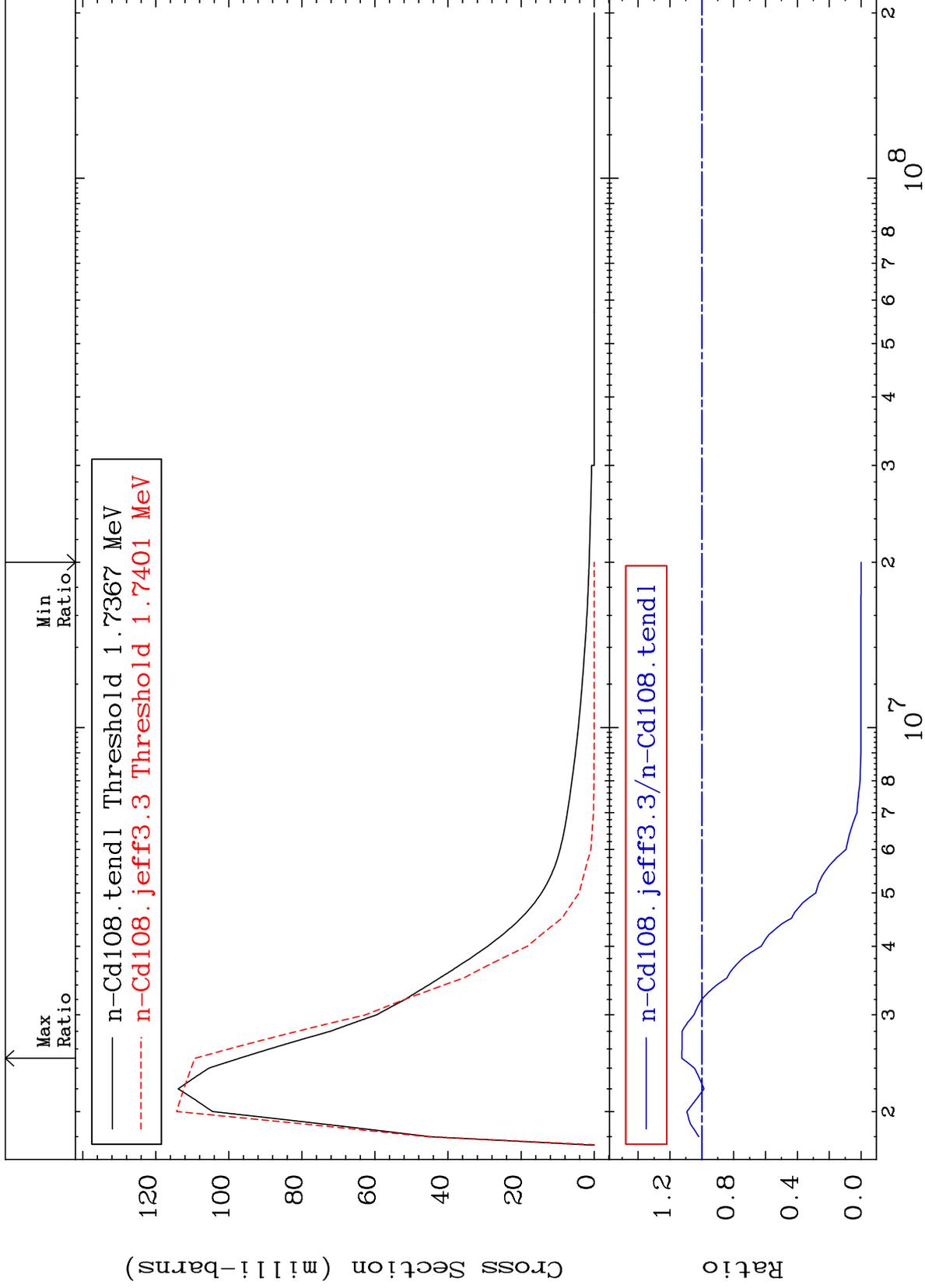
48-Cd-108
-100.0 To 11.67 %



MAT 4831

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

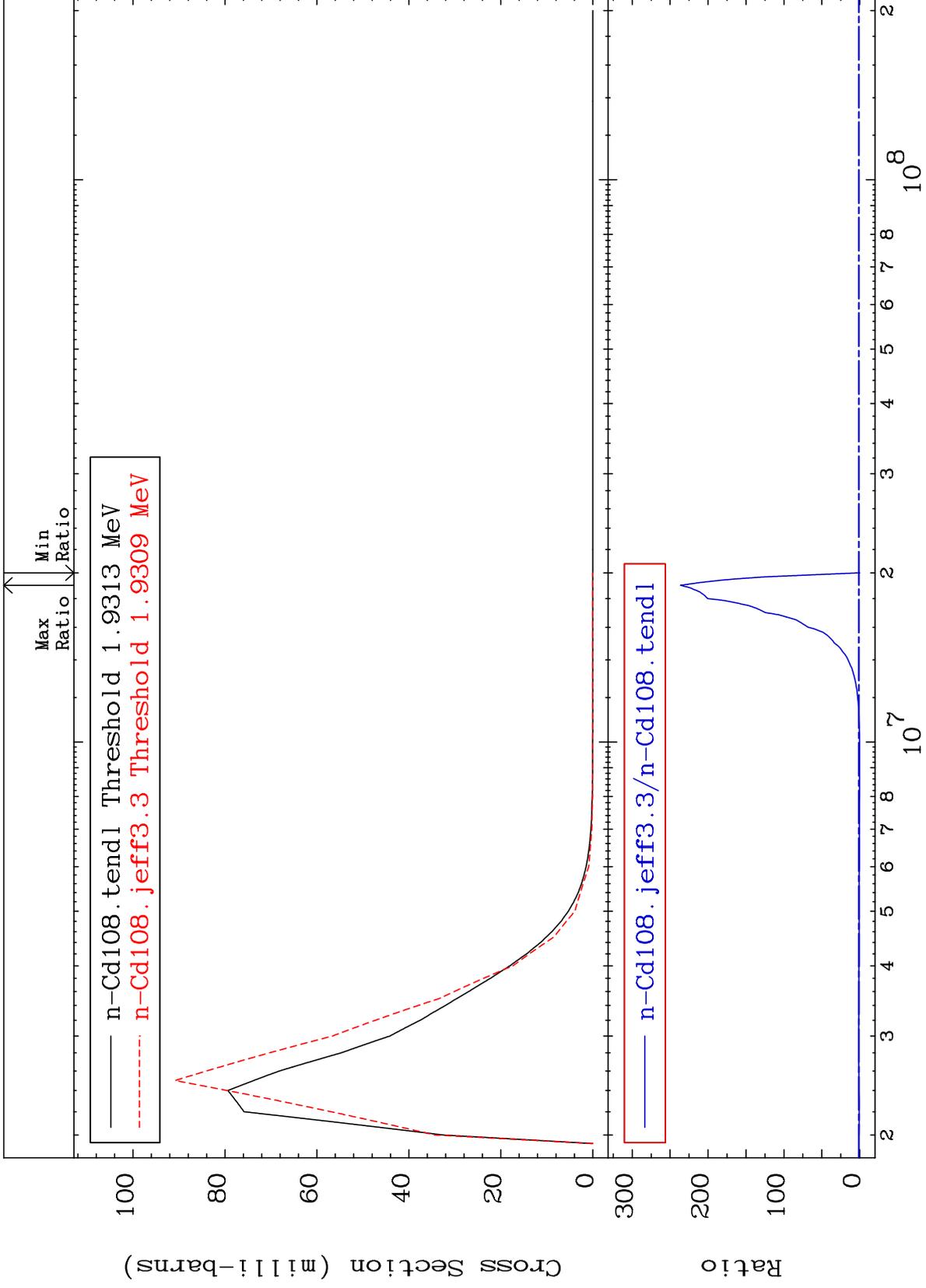
48-Cd-108
-100.0 To 12.52 %



MAT 4831

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

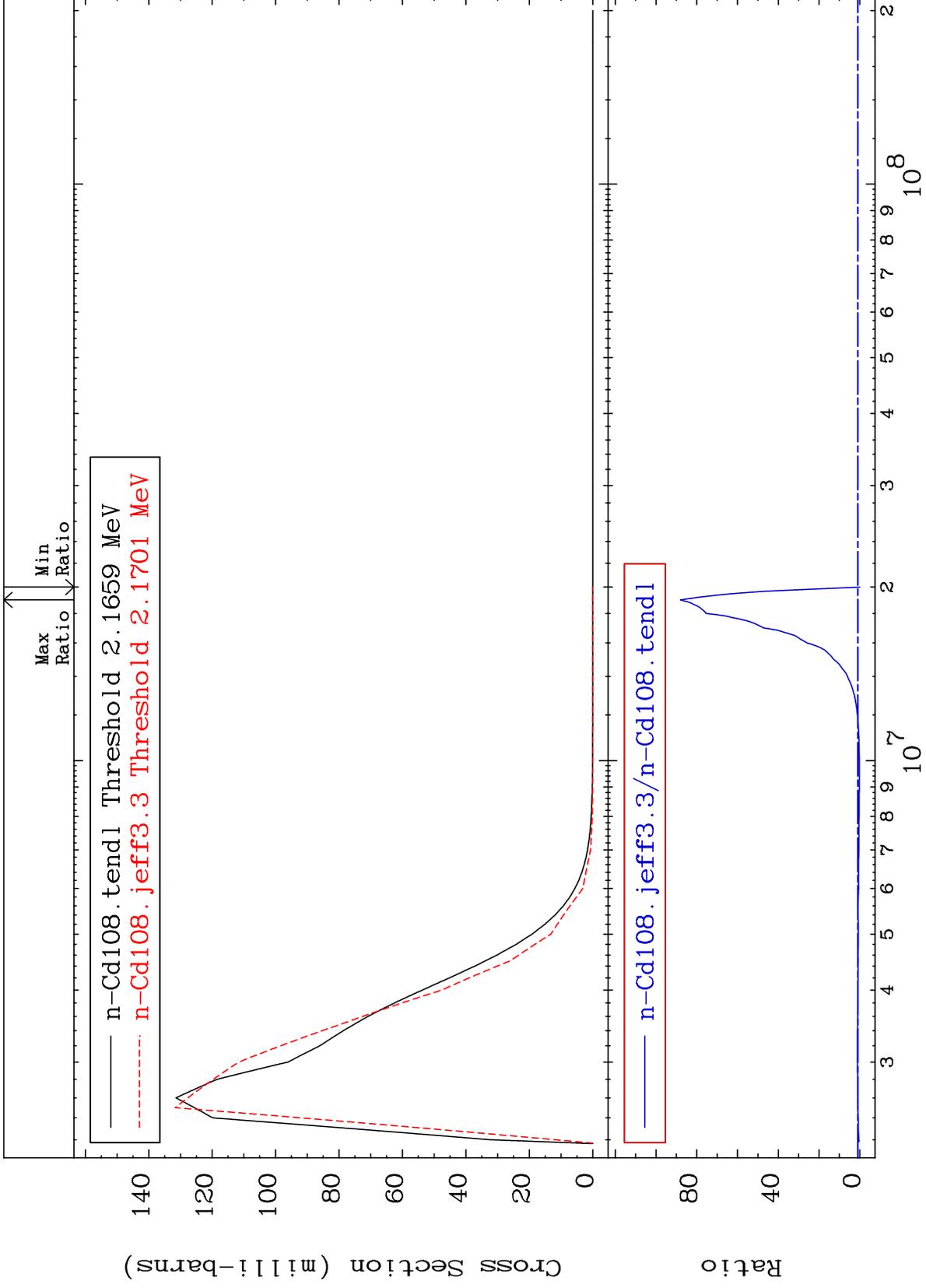
48-Cd-108
-100.0 To 9999. %



MAT 4831

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

48-Cd-108
-100.0 To 8697. %



15

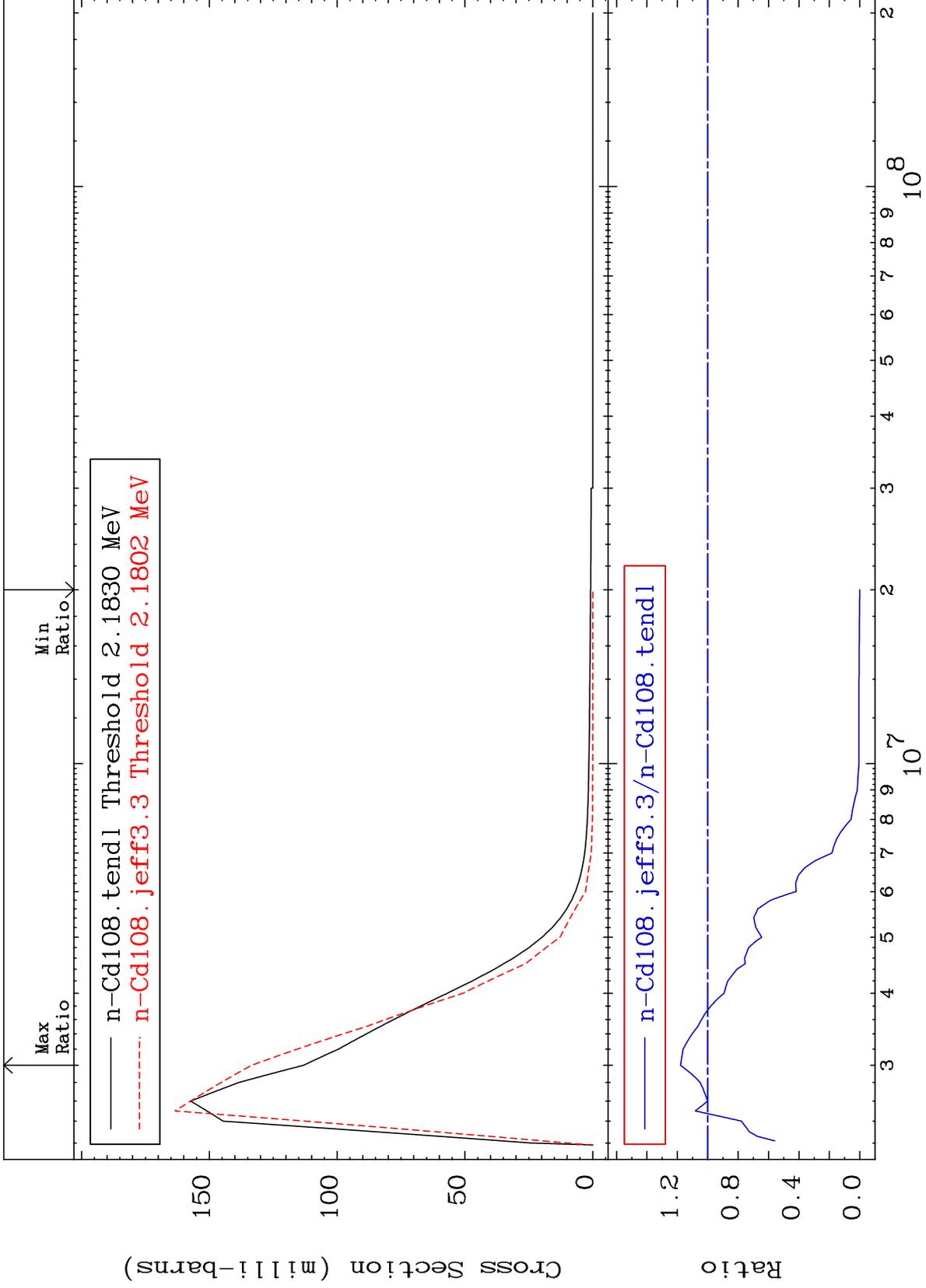
Incident Energy (eV)

48-Cd-108

MAT 4831

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

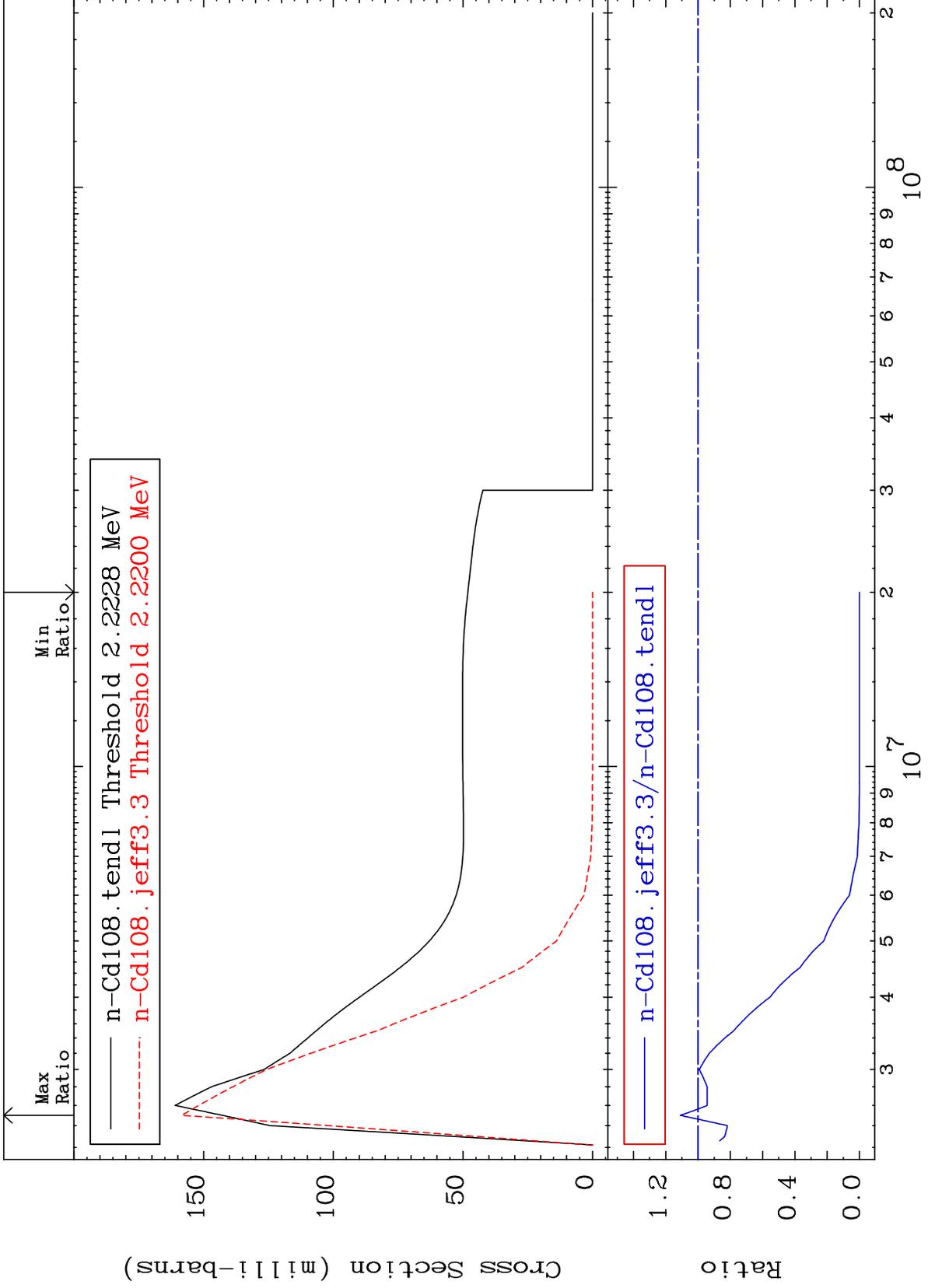
48-Cd-108
-100.0 To 17.91 %



MAT 4831

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

48-Cd-108
-100.0 To 11.02 %



17

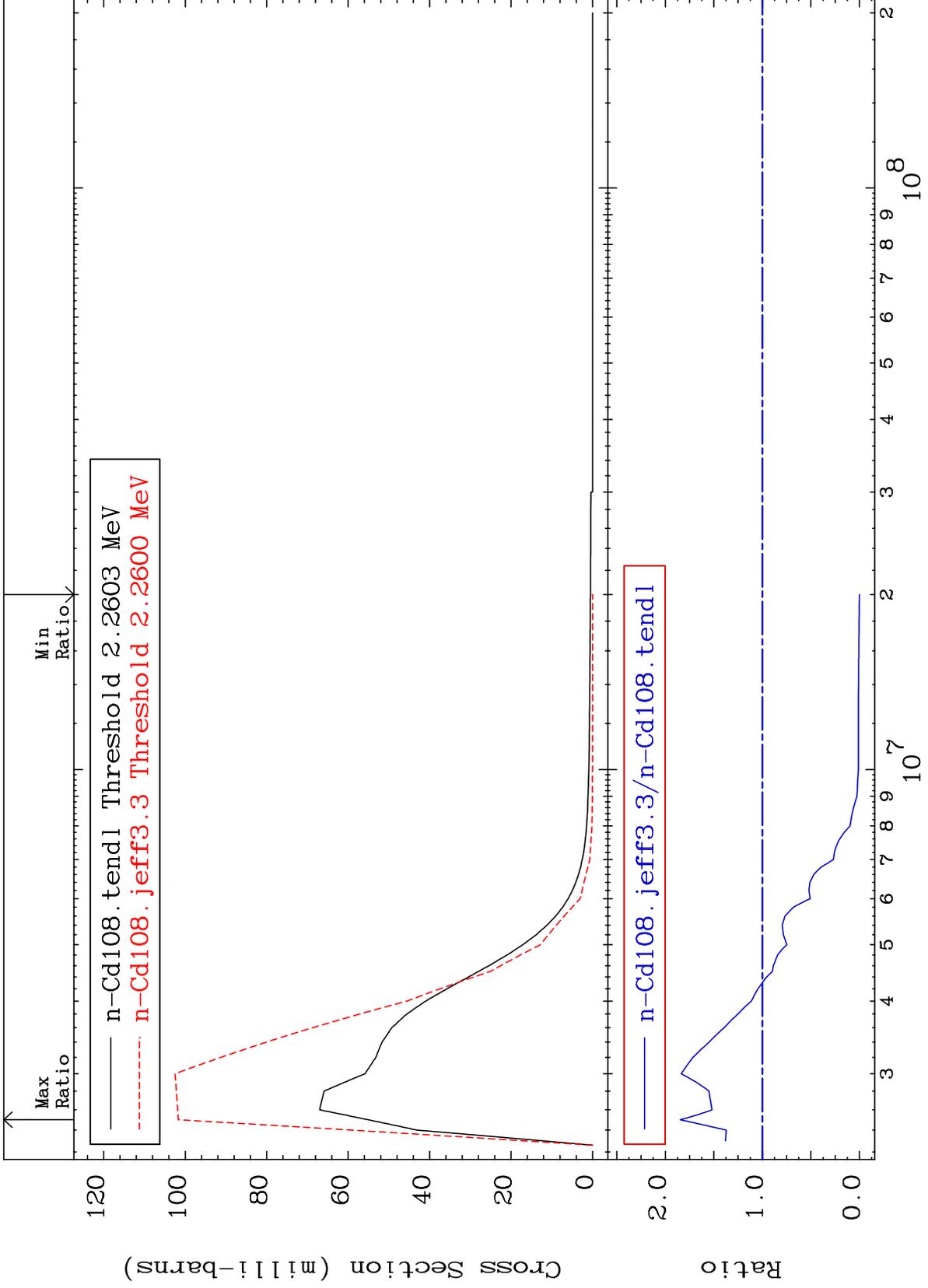
Incident Energy (eV)

48-Cd-108

MAT 4831

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

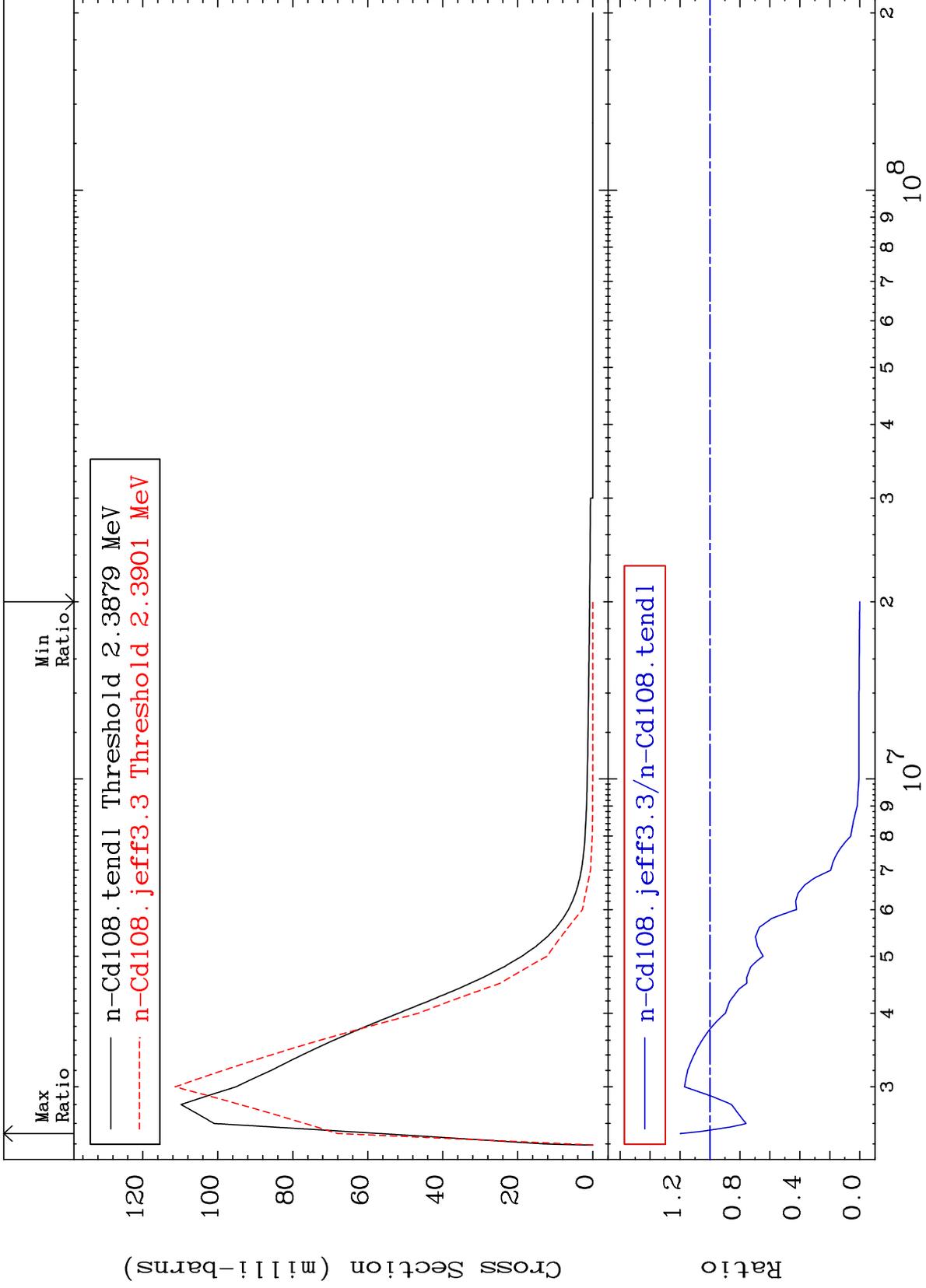
48-Cd-108
-100.0 To 84.60 %



MAT 4831

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

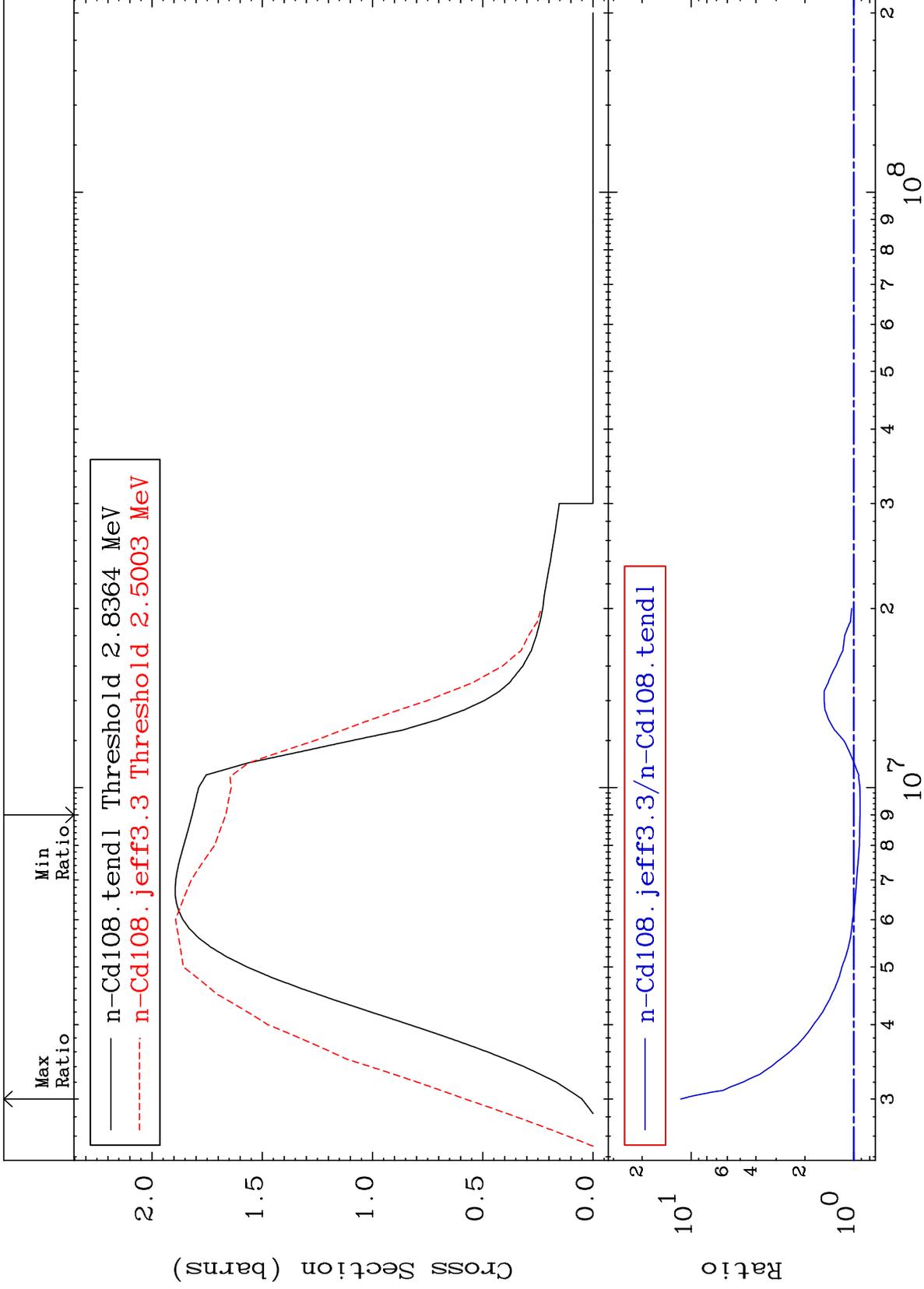
48-Cd-108
-100.0 To 19.68 %



MAT 4831

(n, n') Continuum
Cross Section

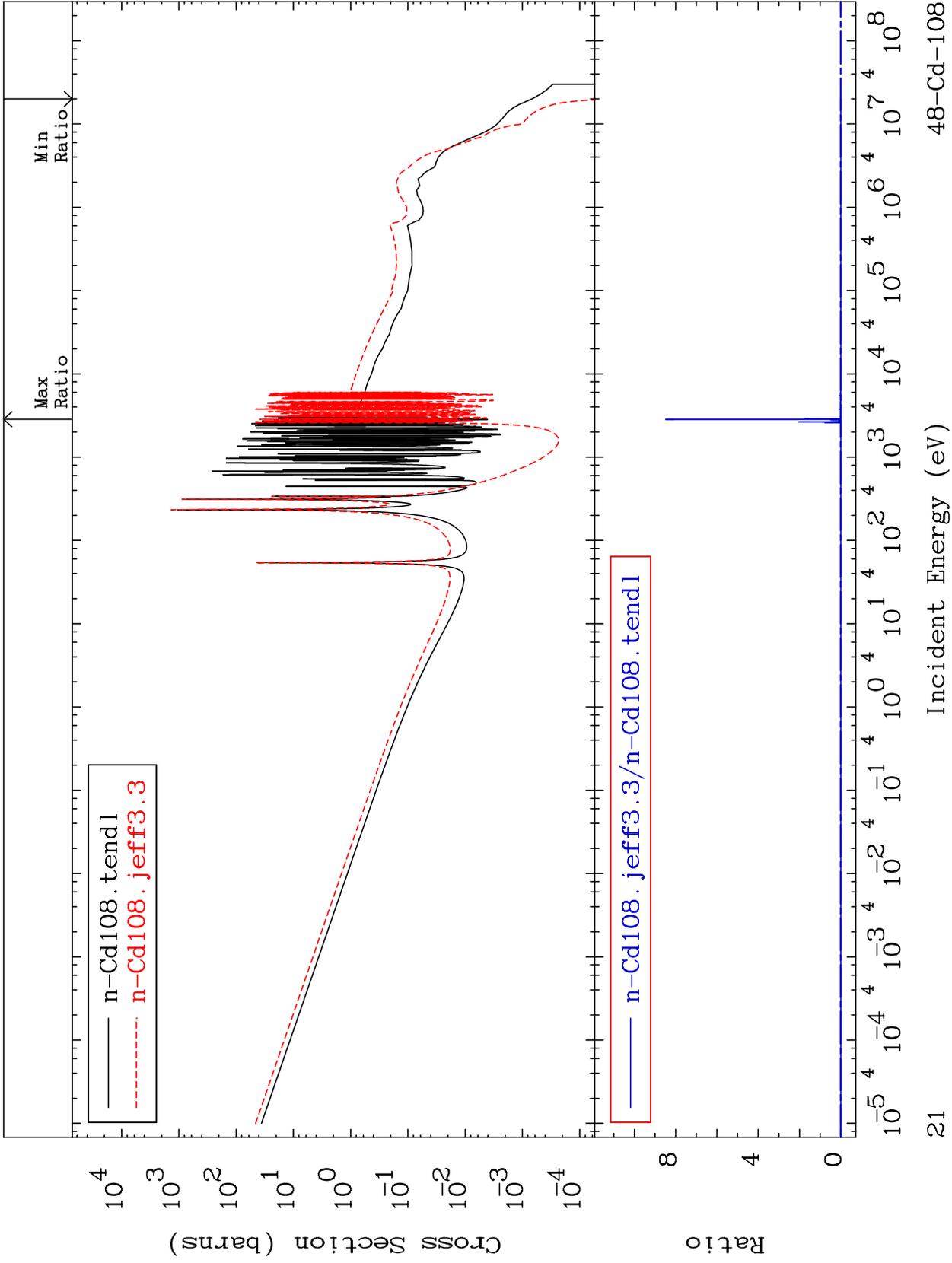
48-Cd-108
-8.416 To 1058. %



MAT 4831

(n, γ)
Cross Section

48-Cd-108
-100.0 To 9999. %



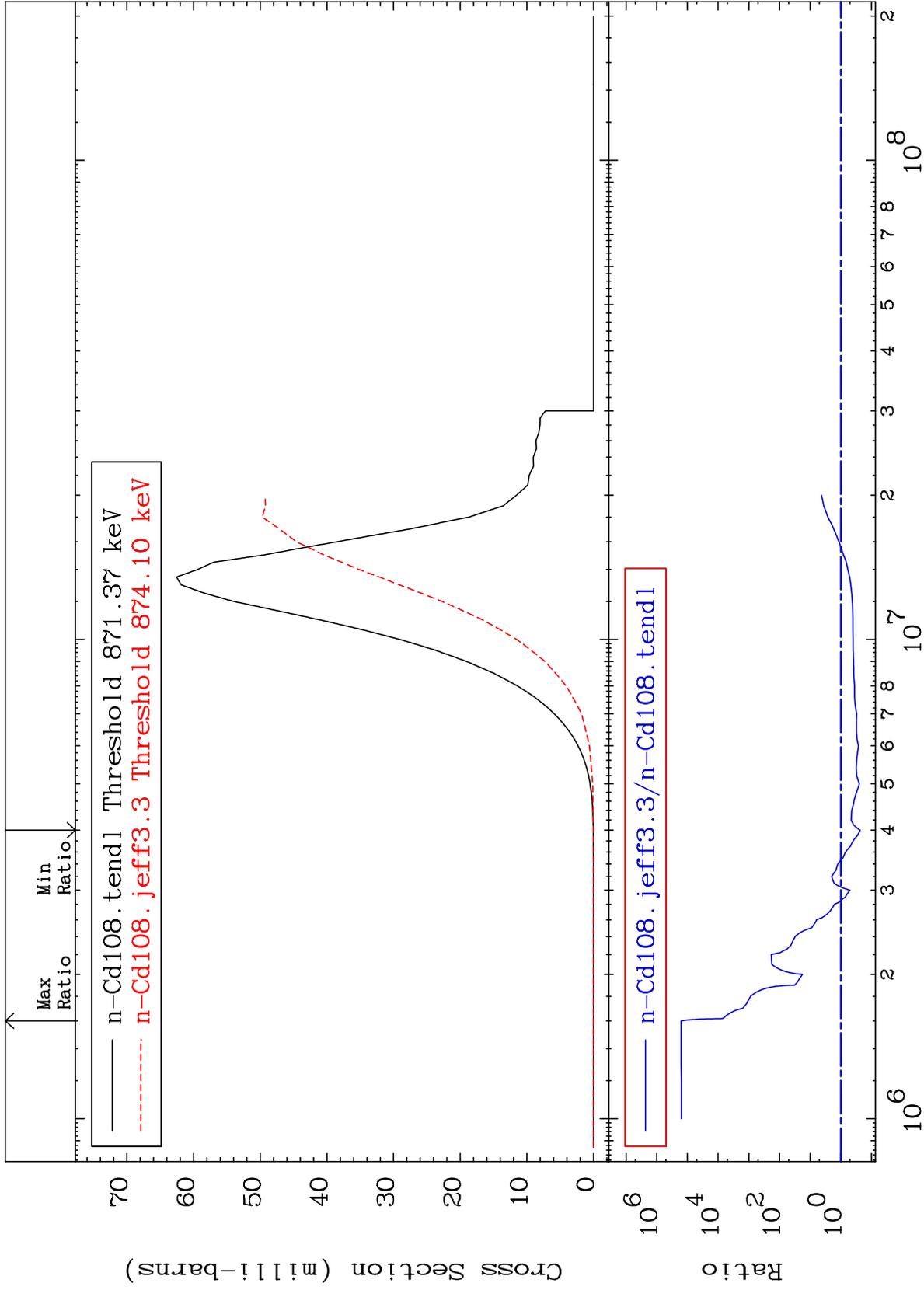
MAT 4831

(n,p)

48-Cd-108

Cross Section

-76.66 To 9999. %



22

48-Cd-108

48-Cd-108

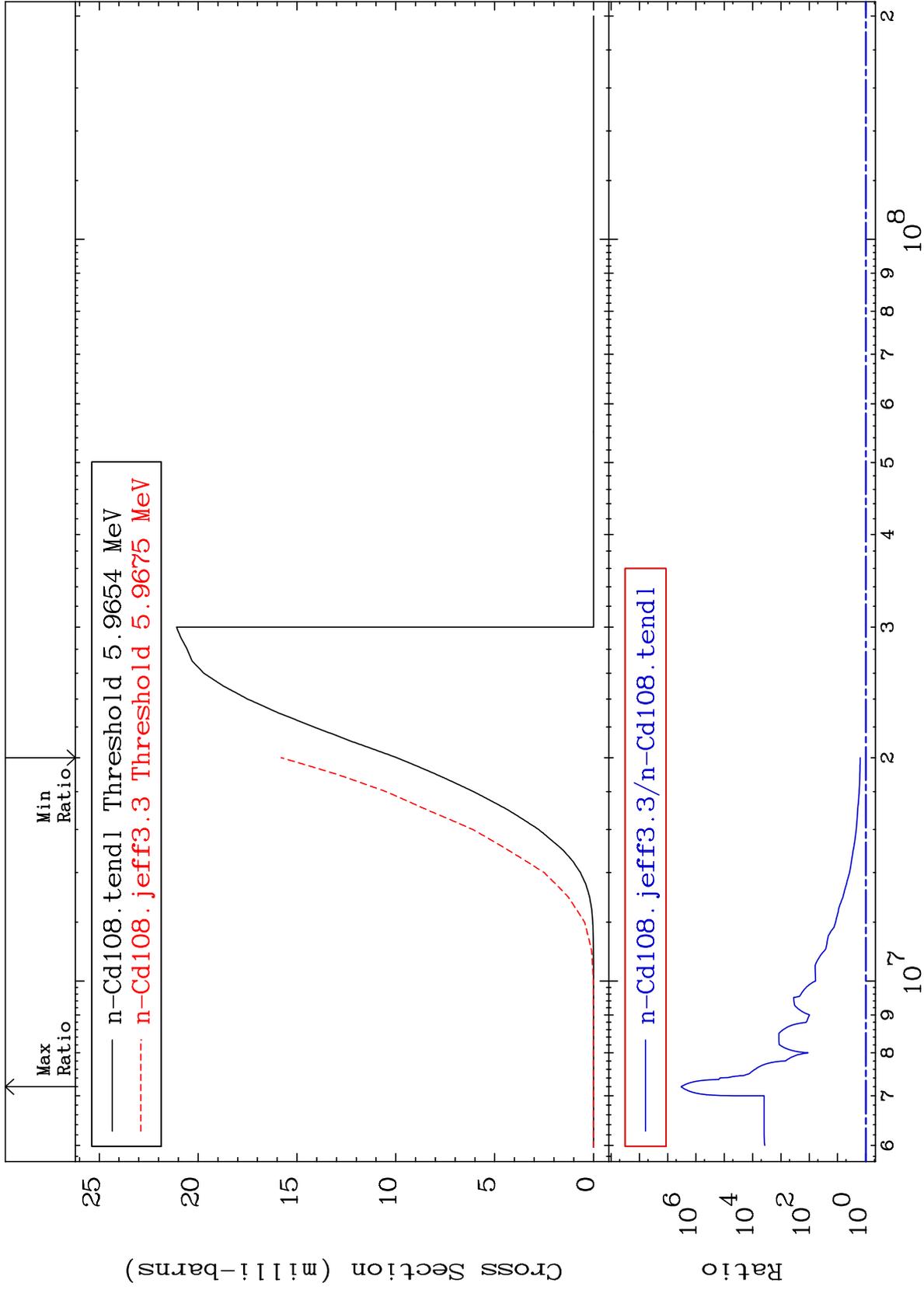
MAT 4831

(n, d)

48-Cd-108

Cross Section

58.80 To 9999. %



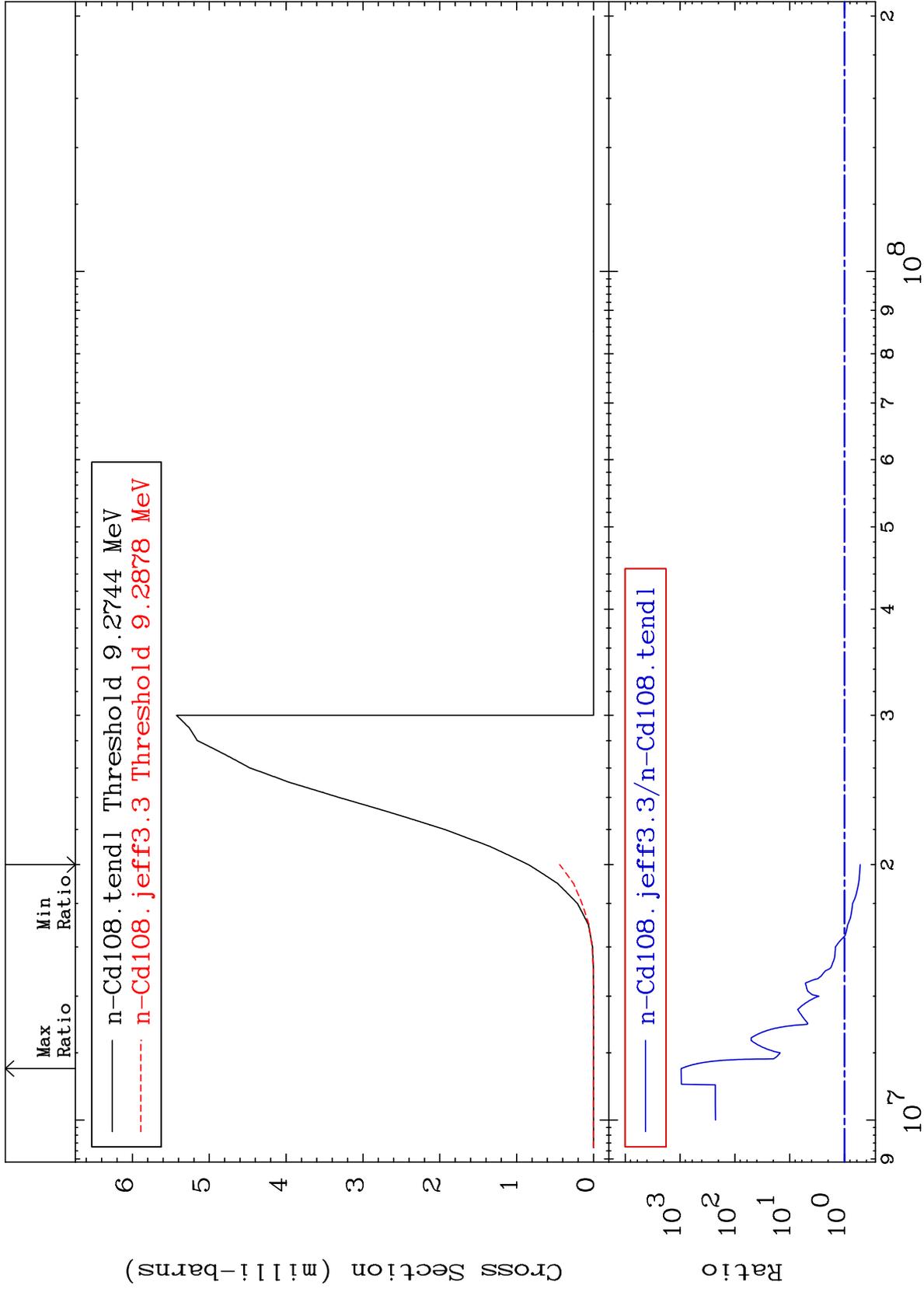
MAT 4831

(n, t)

48-Cd-108

Cross Section

-48.04 To 9999. %



24

48-Cd-108

48-Cd-108

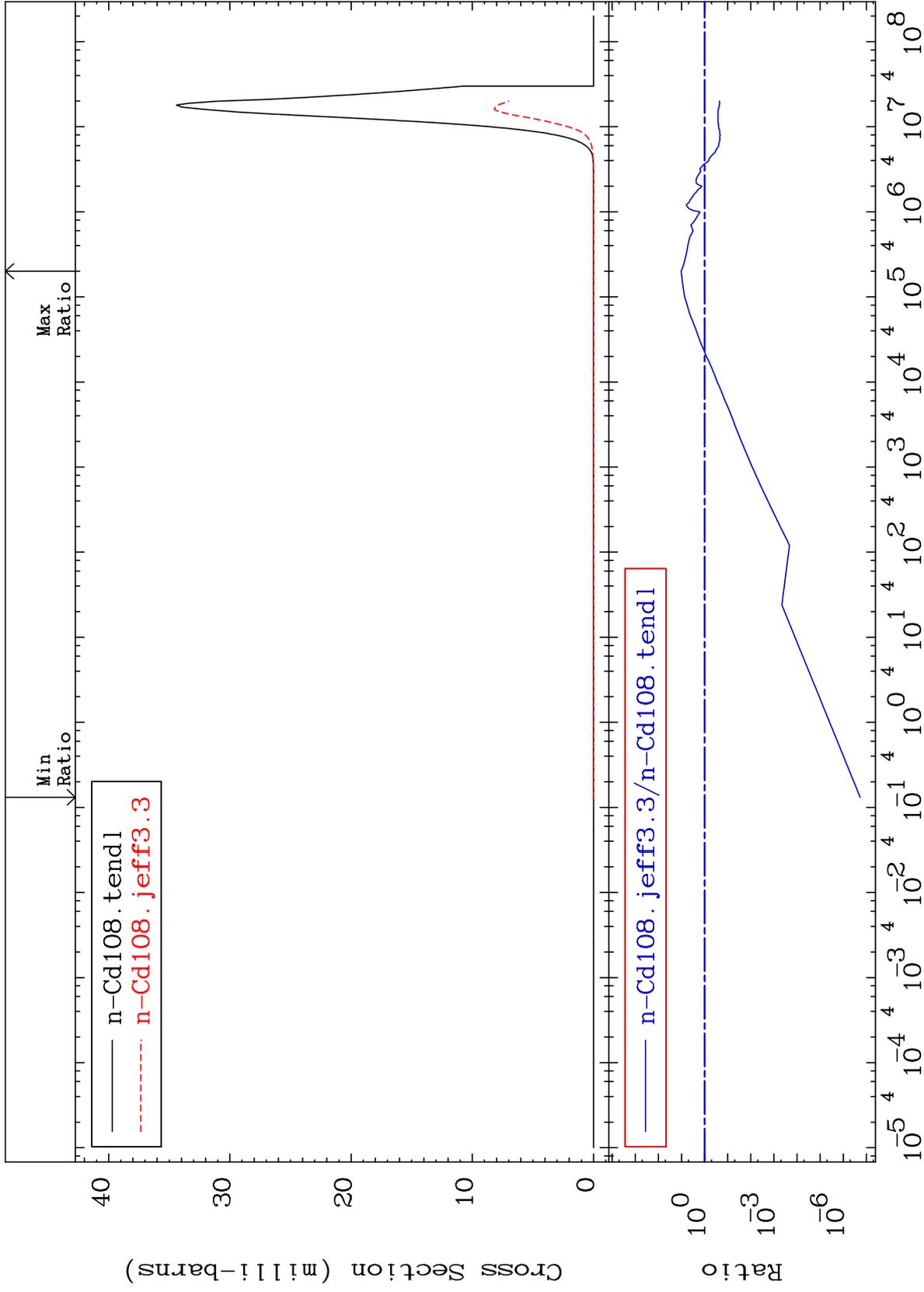
MAT 4831

(n, α)

48-Cd-108

Cross Section

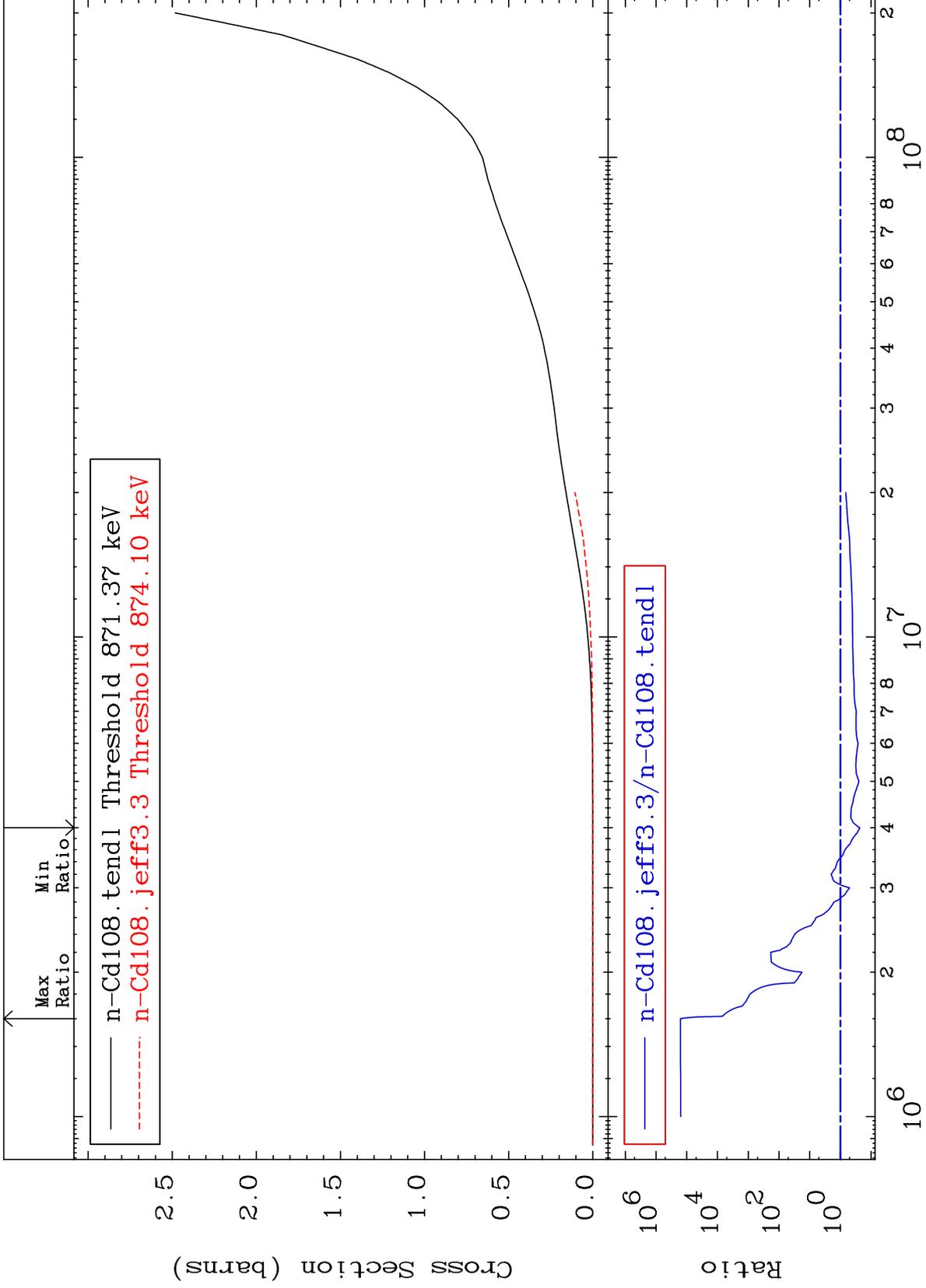
-100.0 To 931.1 %



MAT 4831

Hydrogen Production
Cross Section

48-Cd-108
-76.66 To 9999. %



27

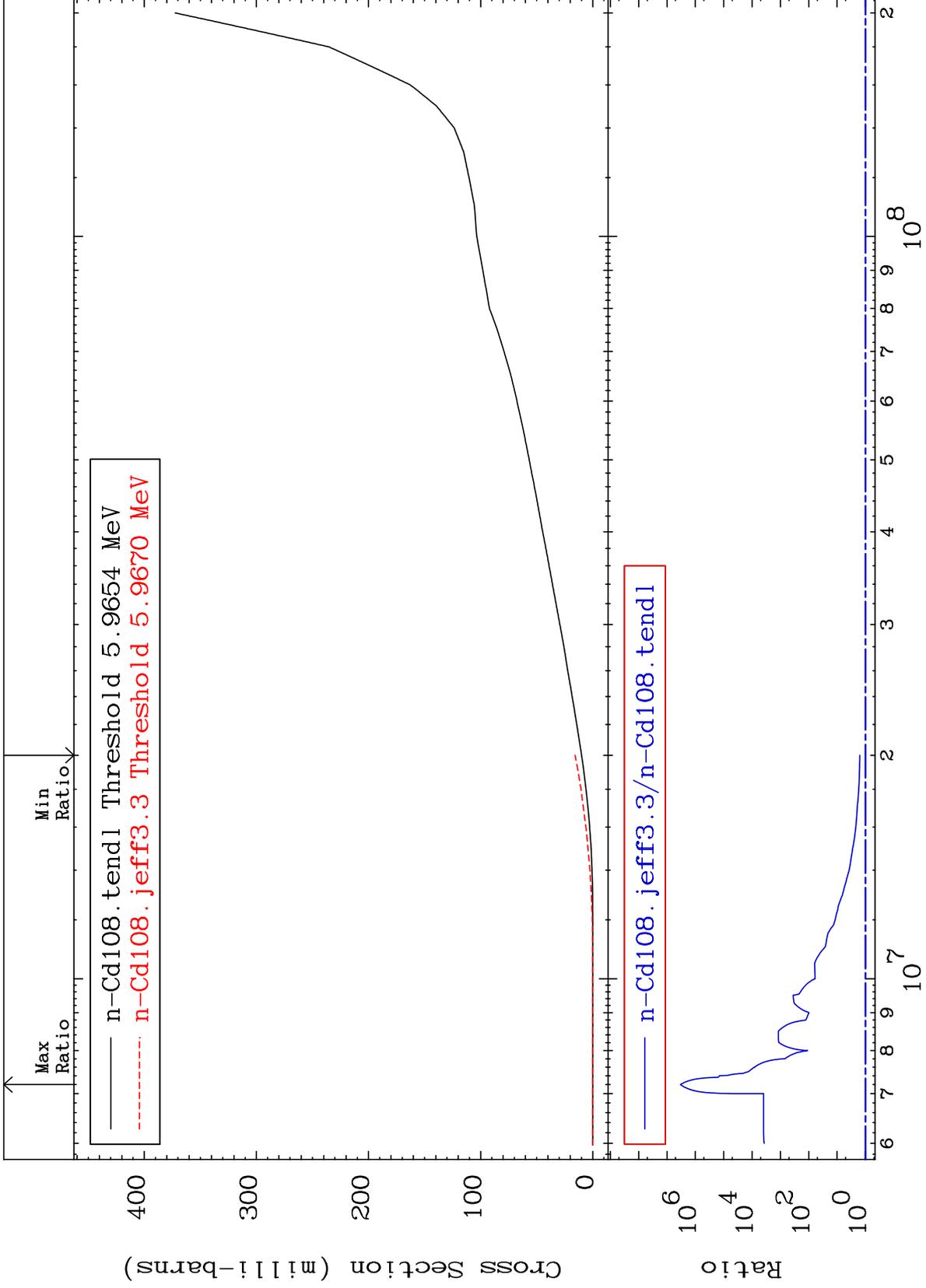
Incident Energy (eV)

48-Cd-108

MAT 4831

Deuterium Production
Cross Section

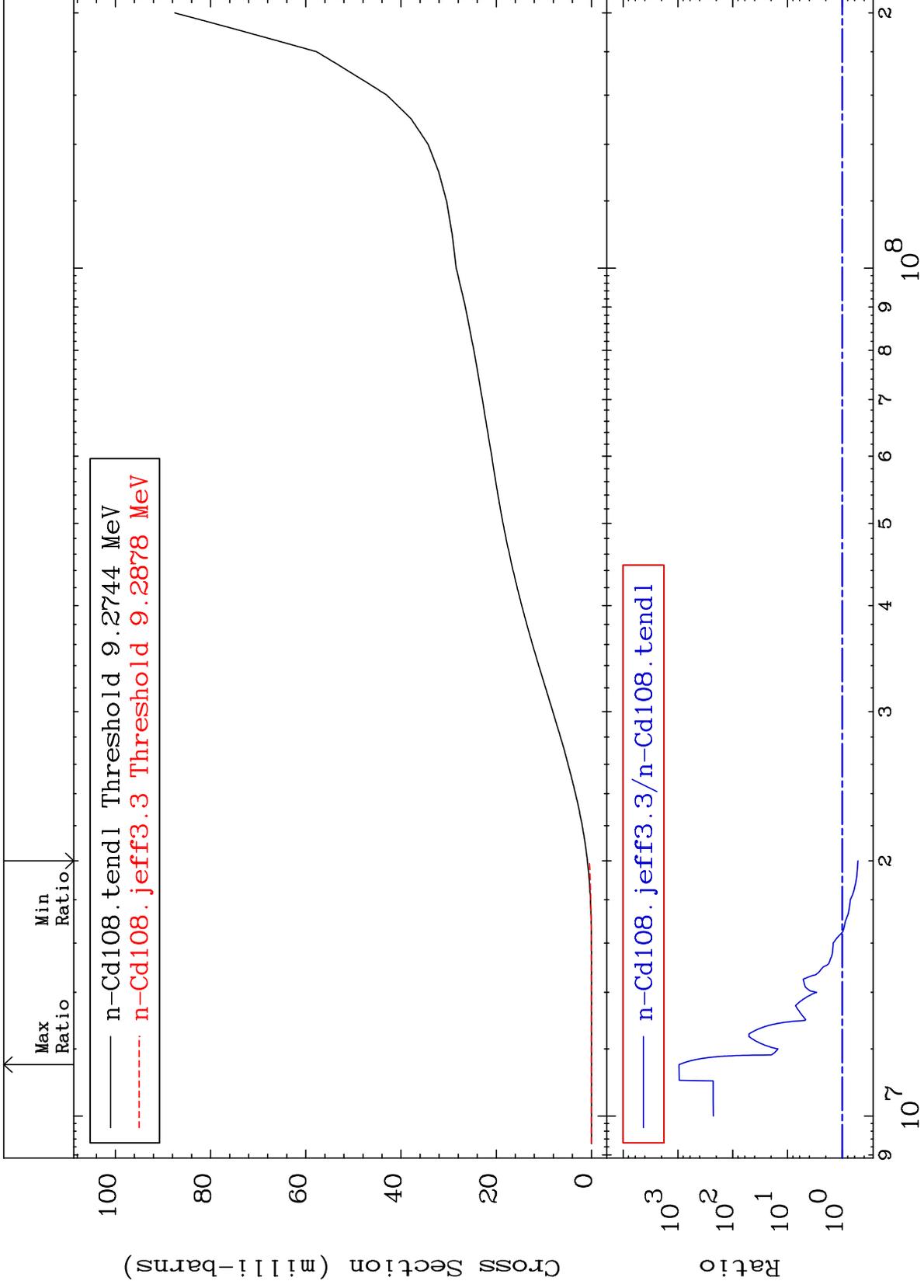
48-Cd-108
58.77 To 9999. %



MAT 4831

Tritium Production
Cross Section

48-Cd-108
-48.04 To 9999. %



29

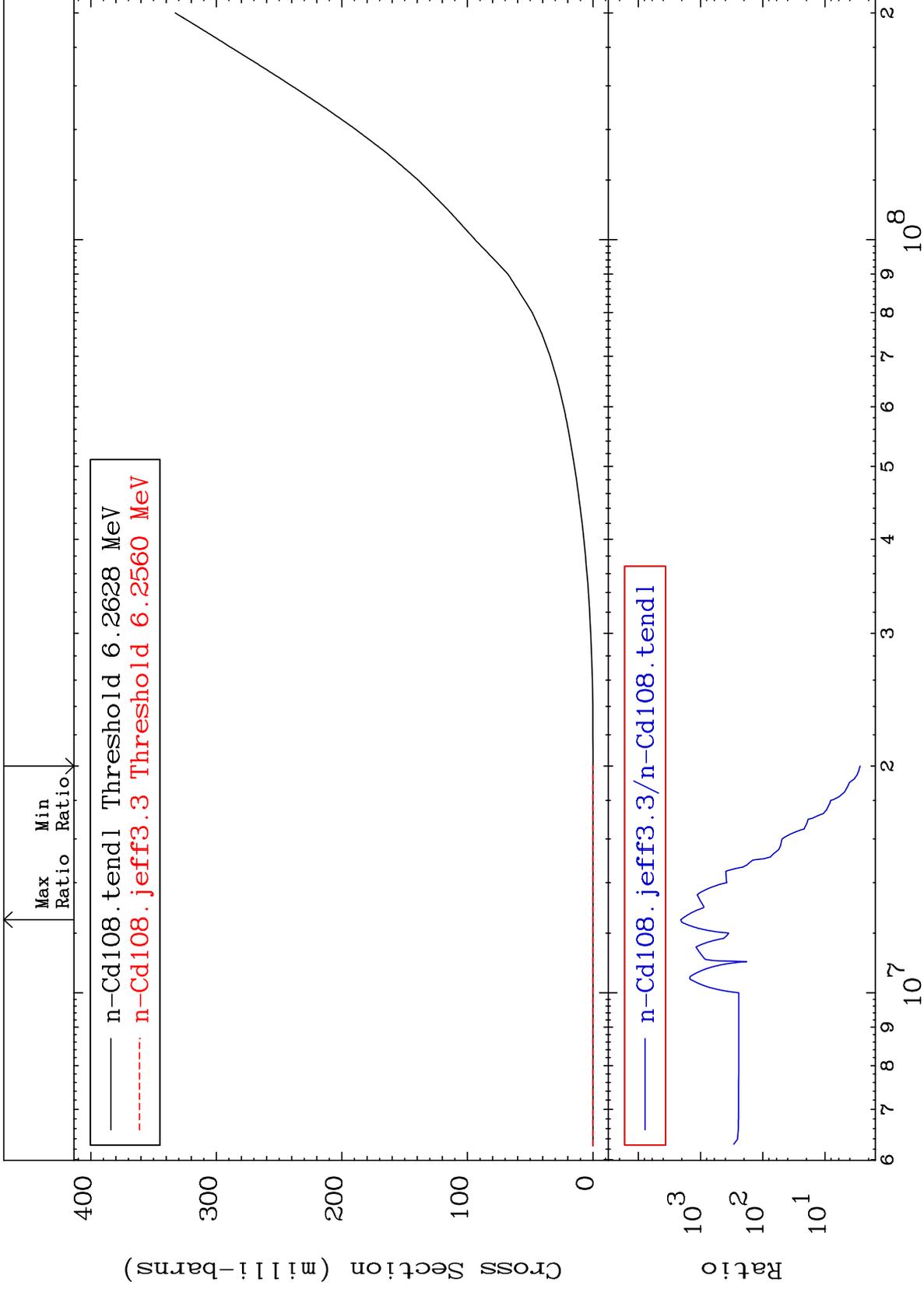
Incident Energy (eV)

48-Cd-108

MAT 4831

He-3 Production
Cross Section

48-Cd-108
173.6 To 9999. %



30

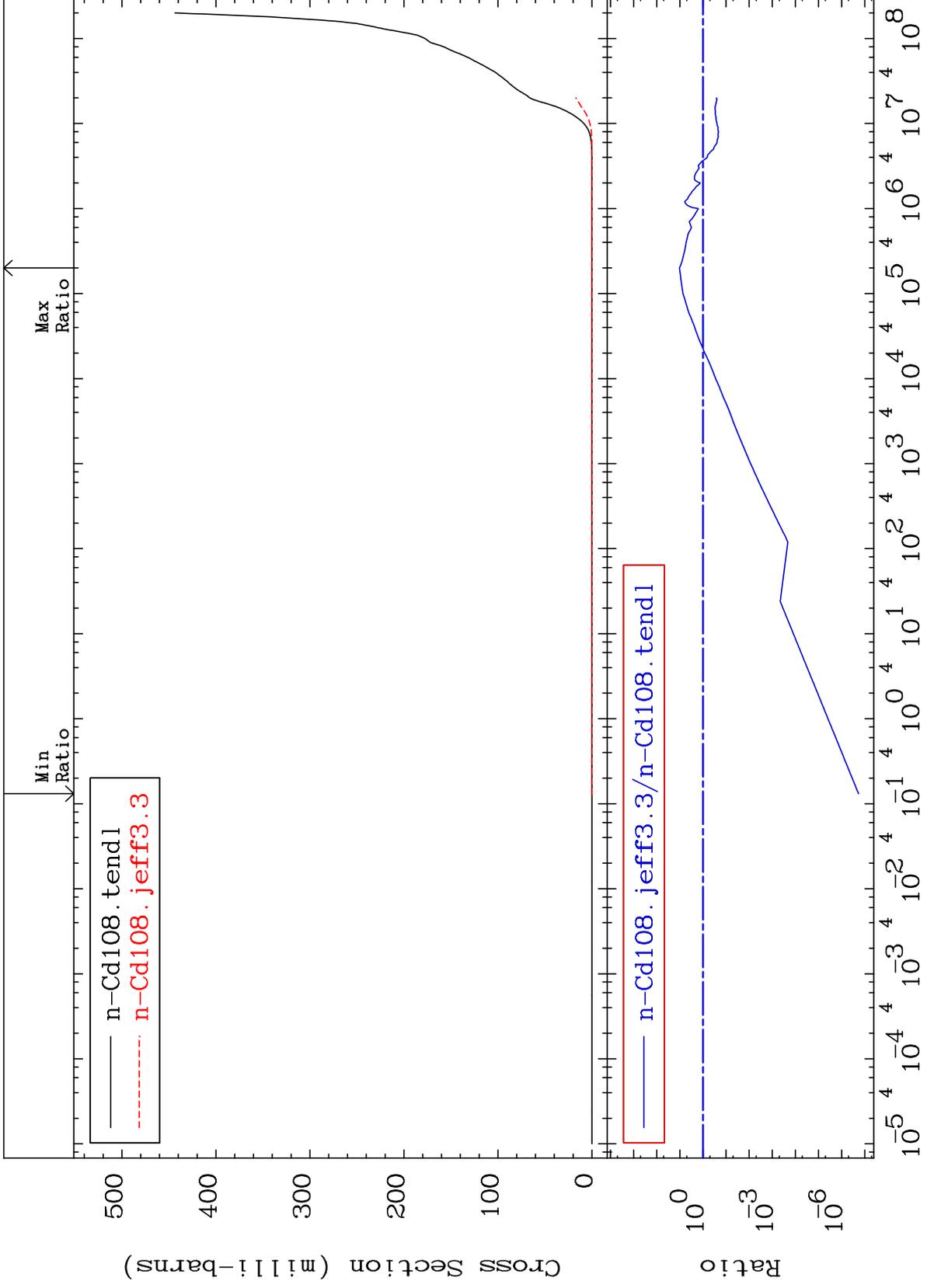
Incident Energy (eV)

48-Cd-108

MAT 4831

He-4 Production
Cross Section

48-Cd-108
-100.0 To 931.1 %



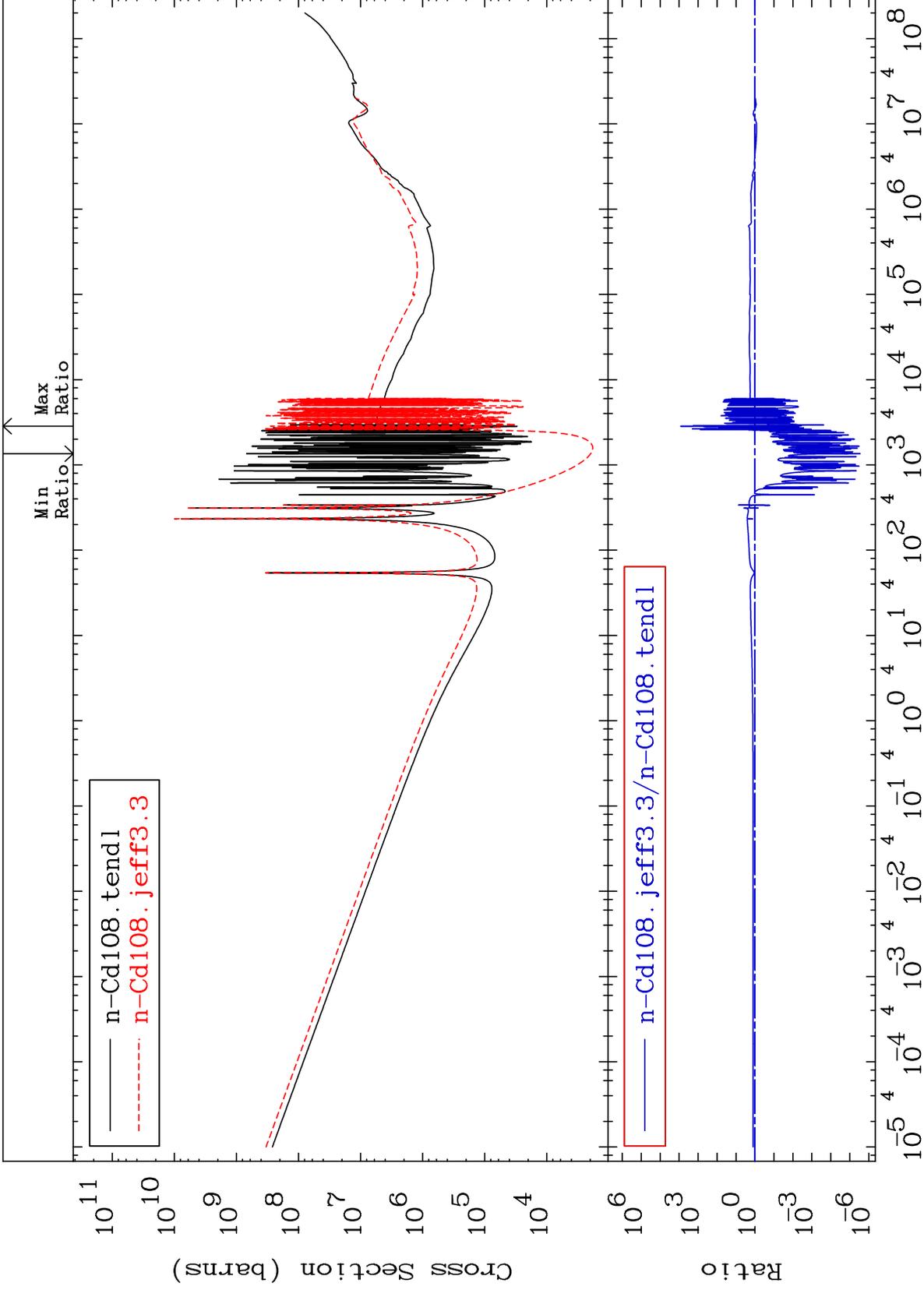
MAT 4831

Kerma total (eV-barns)

48-Cd-108

Cross Section

-100.0 To 9999. %



32

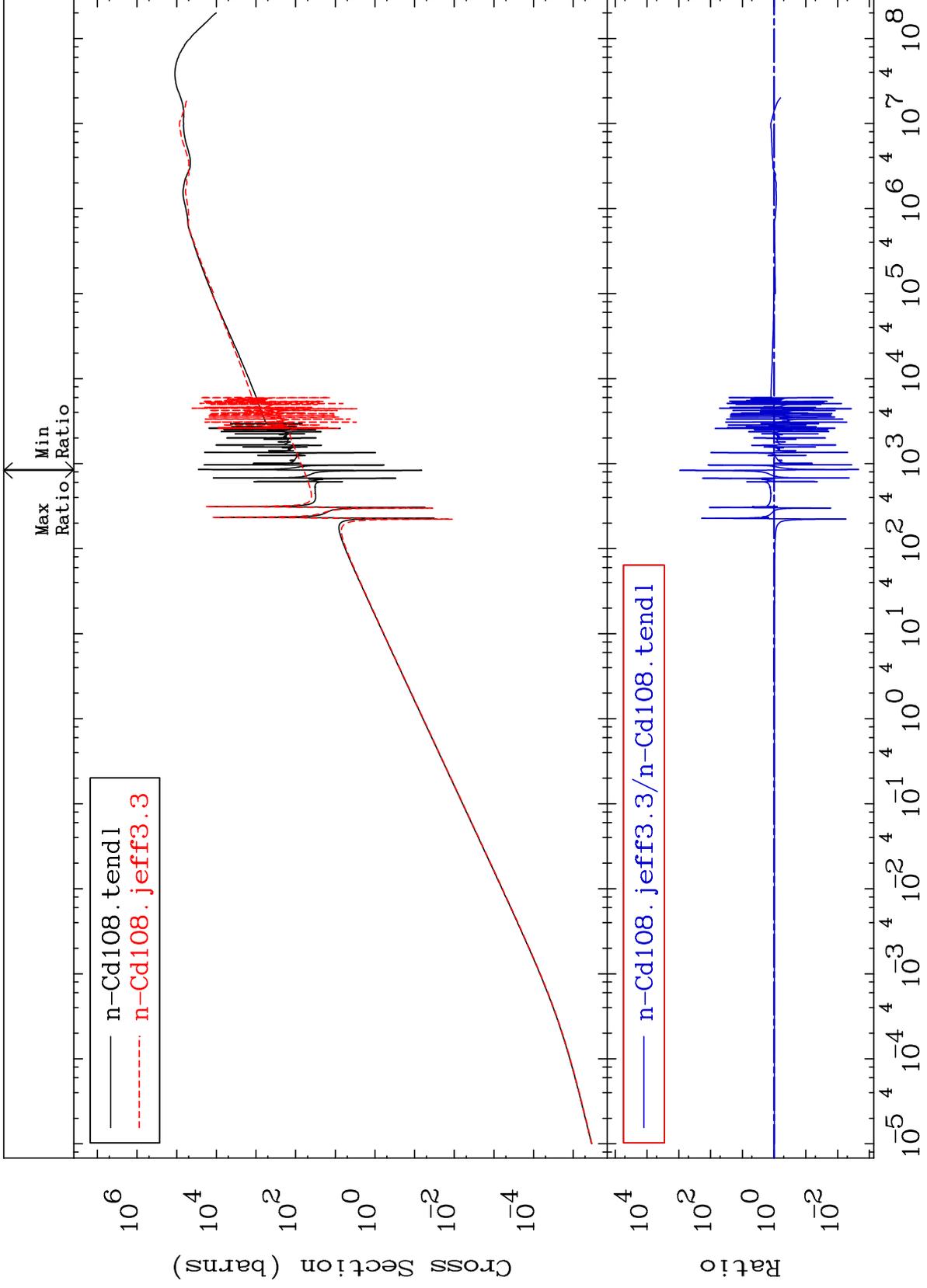
Incident Energy (eV)

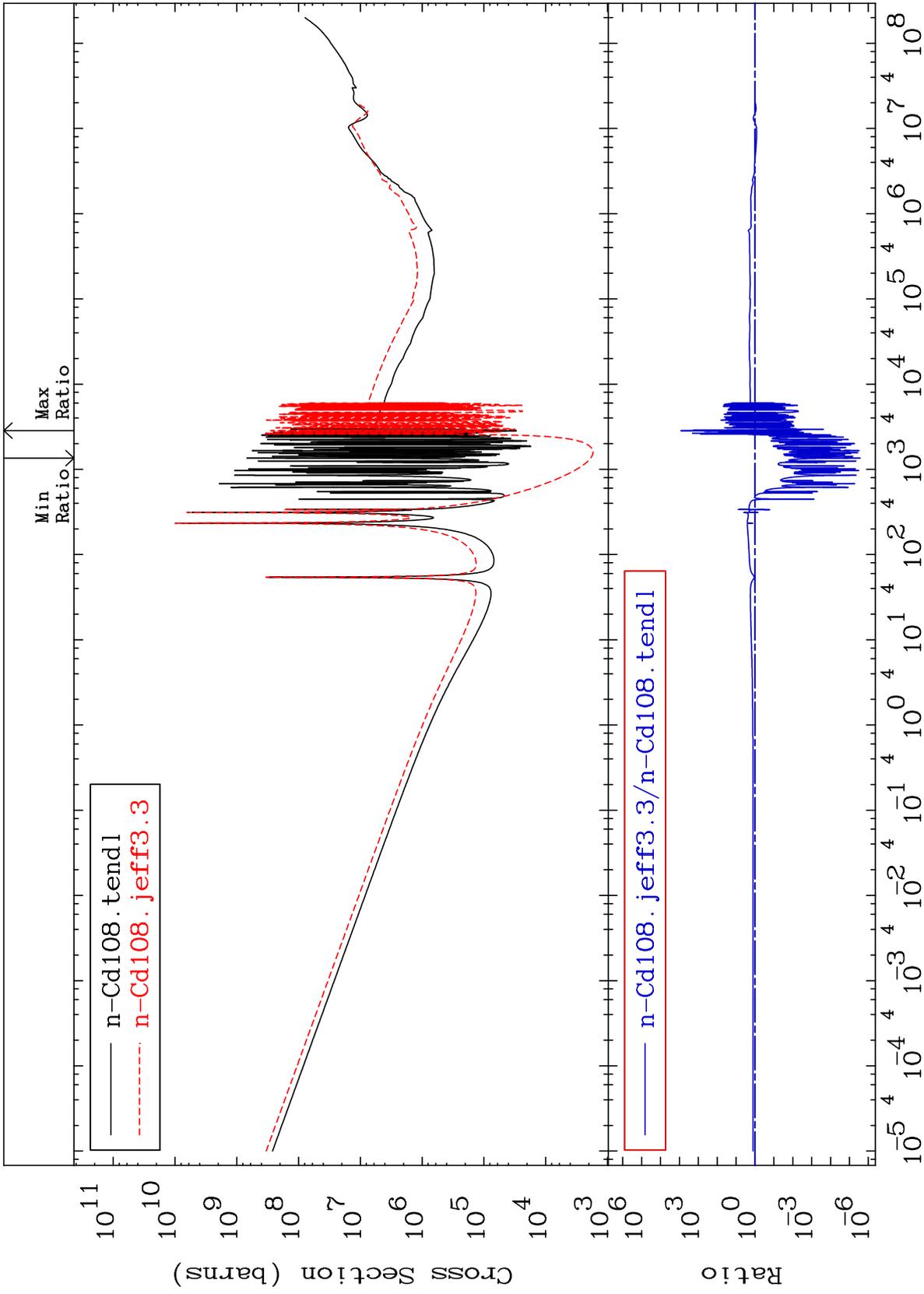
48-Cd-108

MAT 4831

Kerma elastic
Cross Section

48-Cd-108
-99.78 To 9999. %

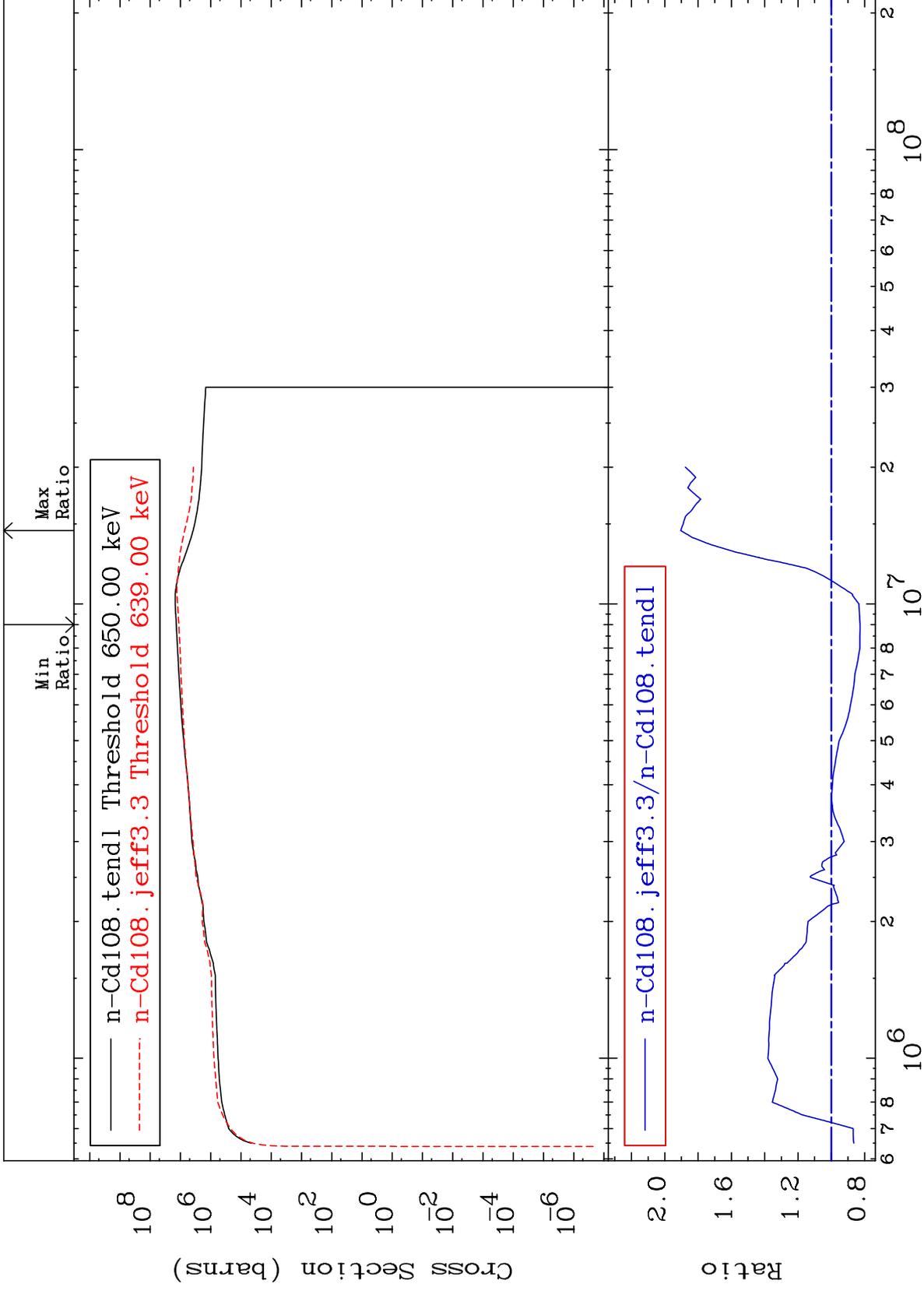




MAT 4831

Kerma inelastic (mt51-91)
Cross Section

48-Cd-108
-17.28 To 90.40 %



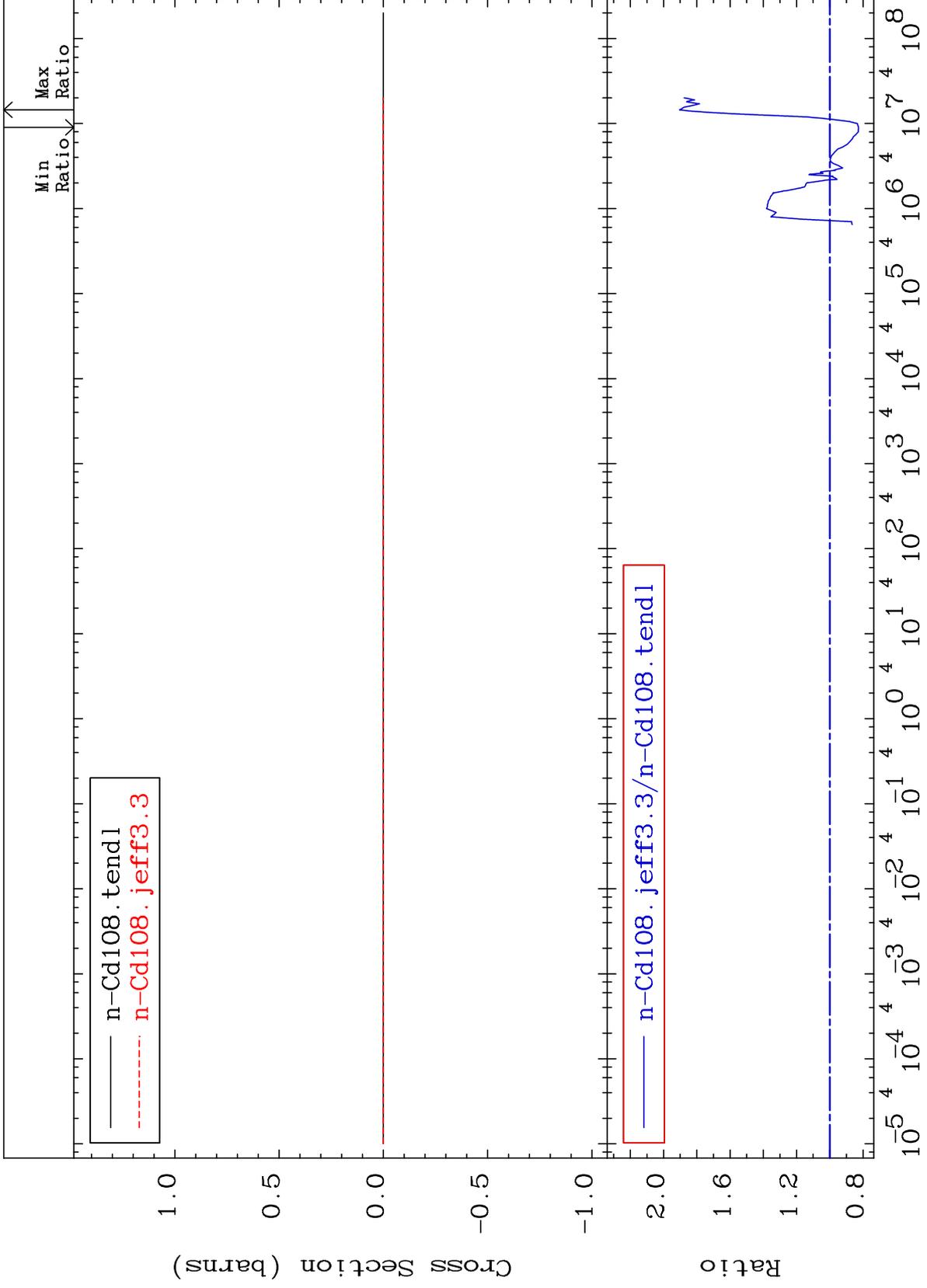
35

48-Cd-108

MAT 4831

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

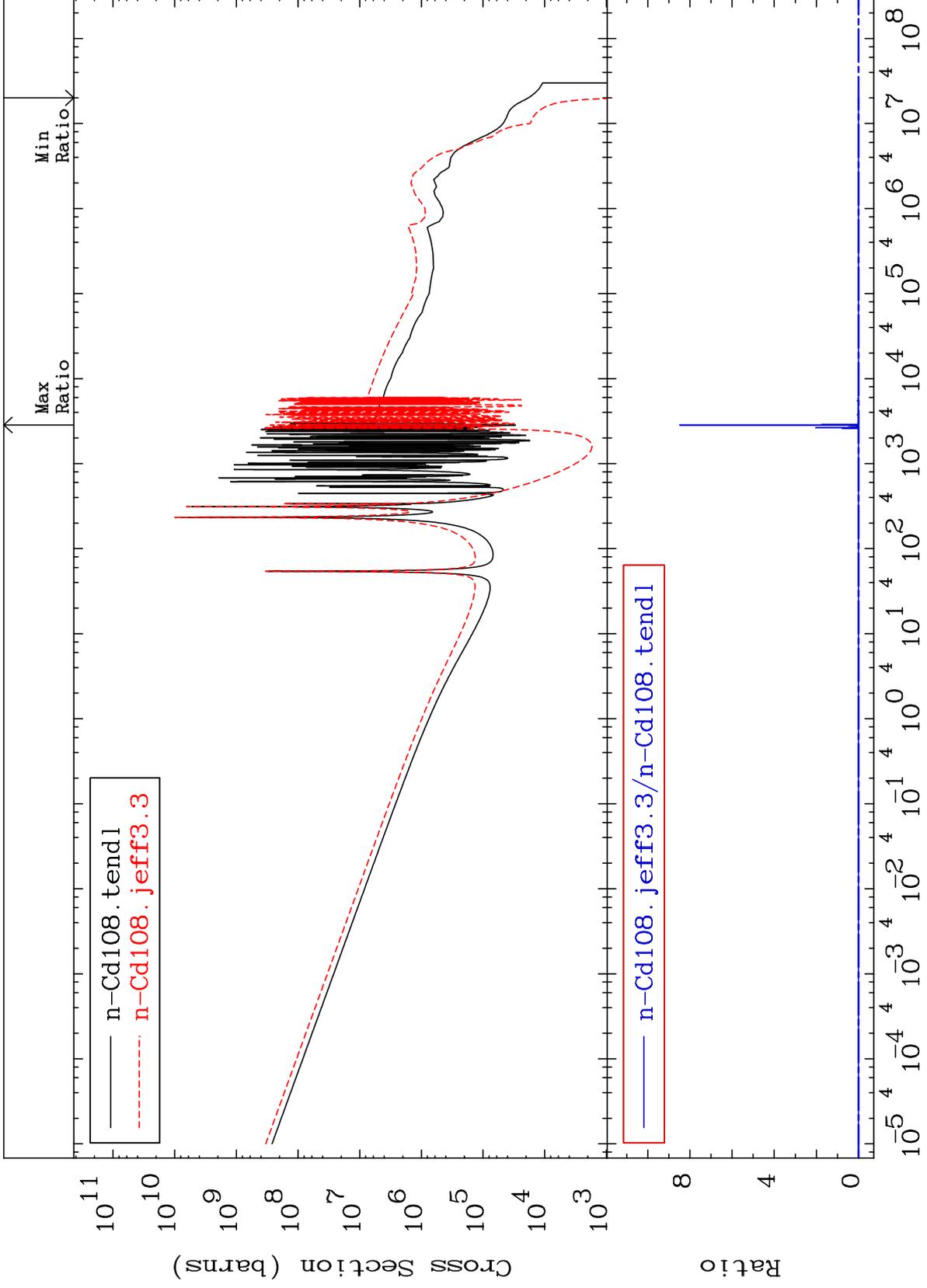
48-Cd-108
-17.28 To 90.40 %



MAT 4831

Kerma capture (mt102)
Cross Section

48-Cd-108
-100.0 To 9999. %



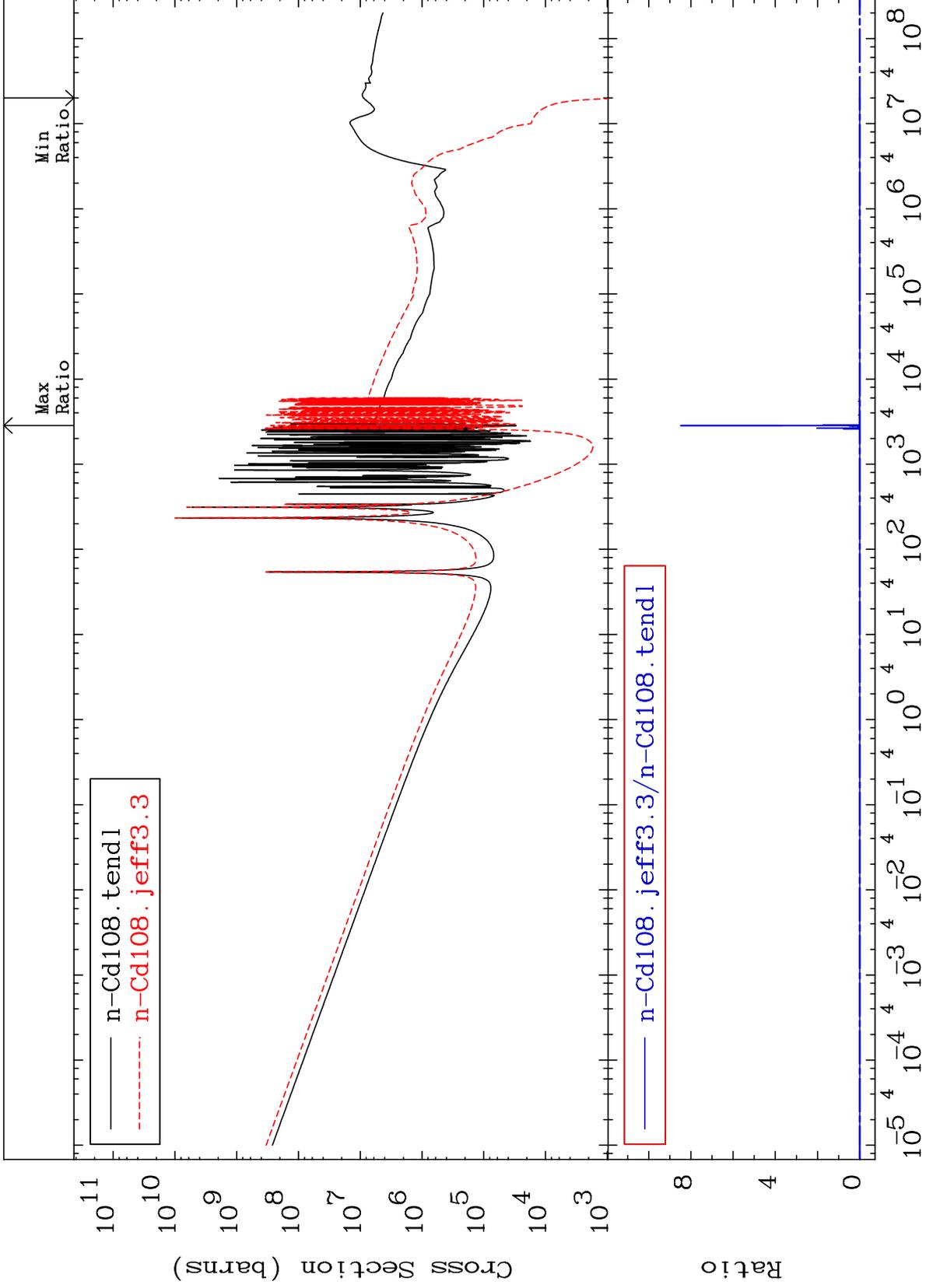
37

48-Cd-108

MAT 4831

Total photon (eV-barns)
Cross Section

48-Cd-108
-100.0 To 9999. %



38

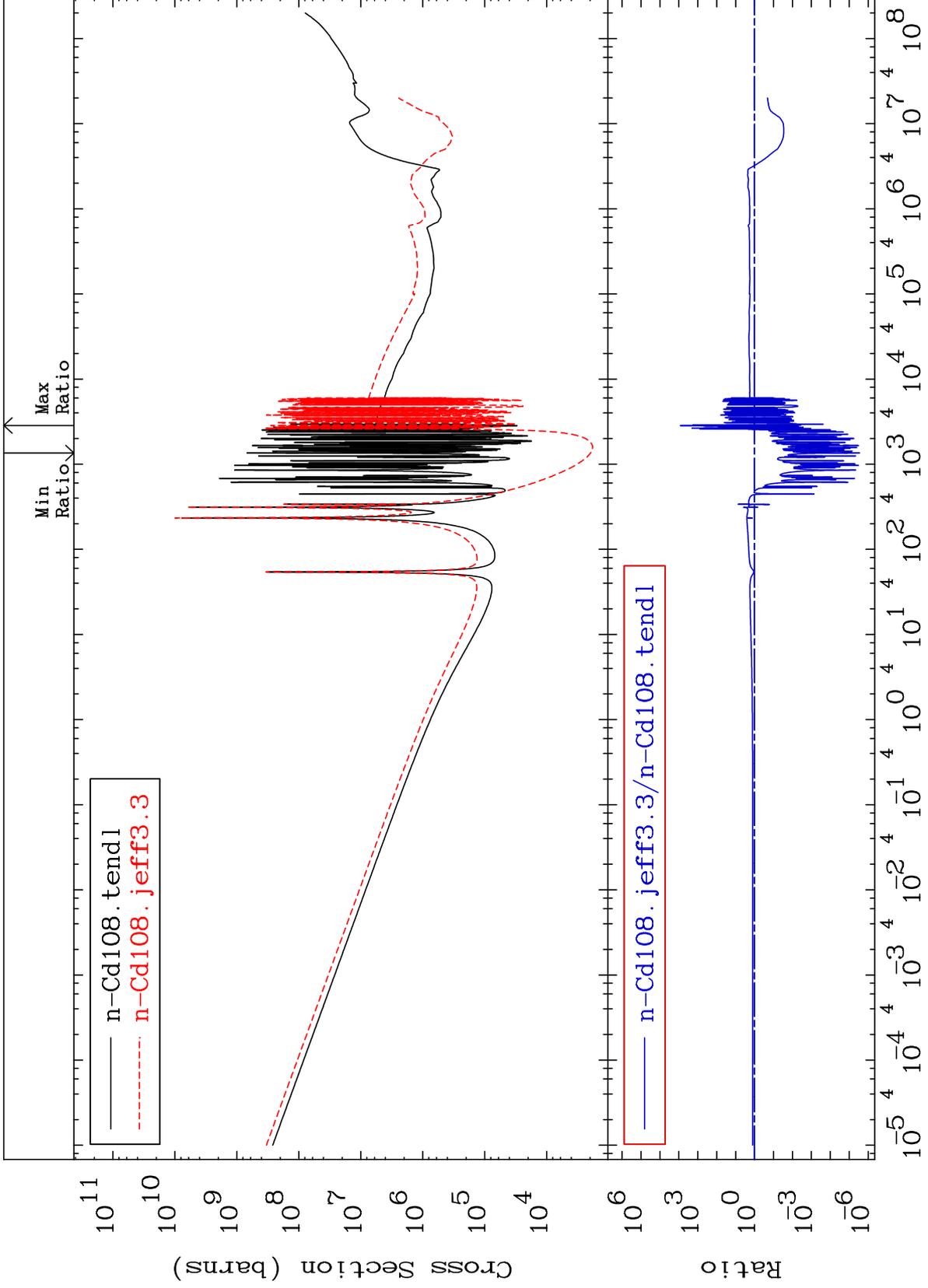
Incident Energy (eV)

48-Cd-108

MAT 4831

Total kinematic kerma (high limit)
Cross Section

48-Cd-108
-100.0 To 9999. %



39

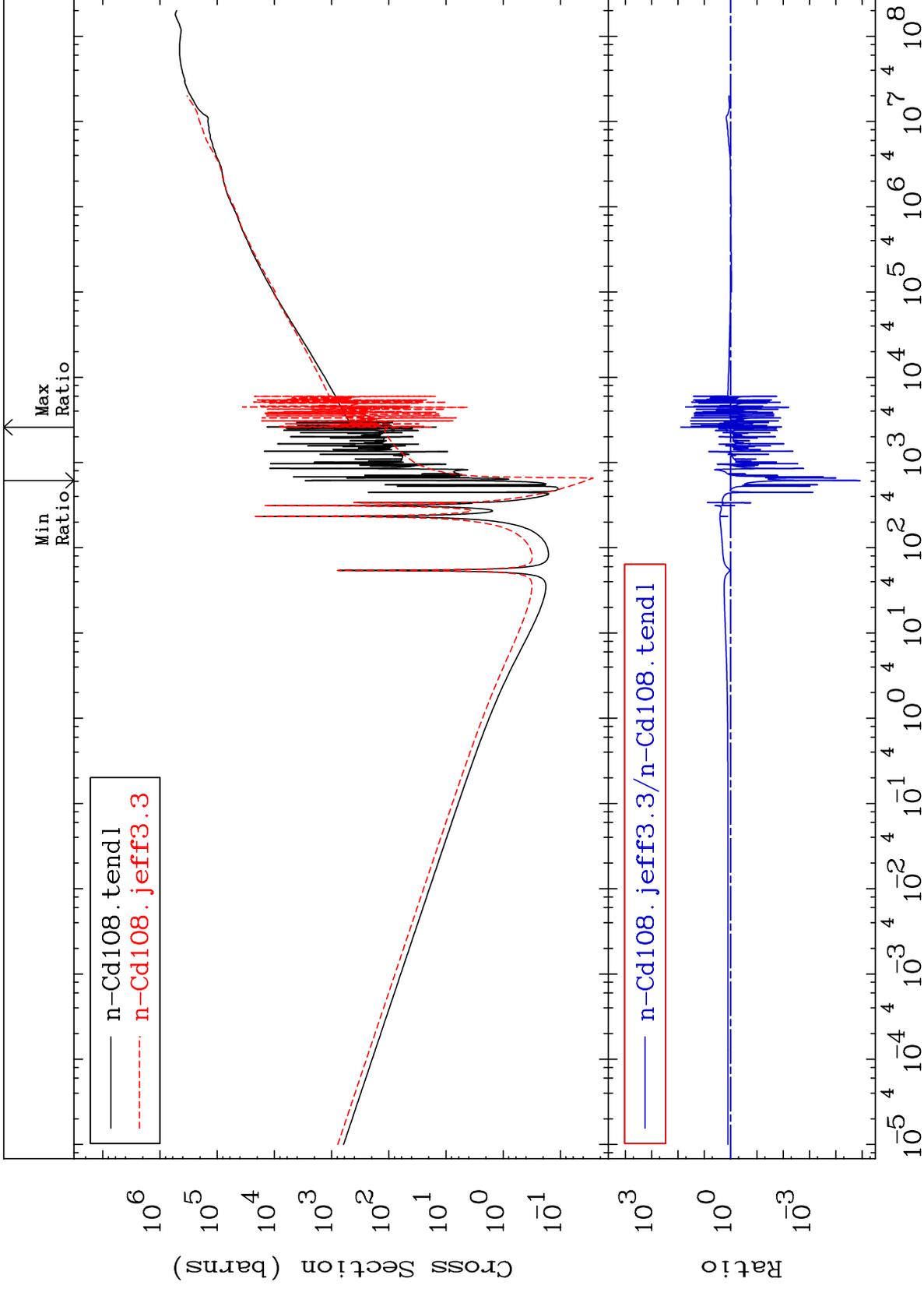
Incident Energy (eV)

48-Cd-108

MAT 4831

Dpa total (eV-barns)
Cross Section

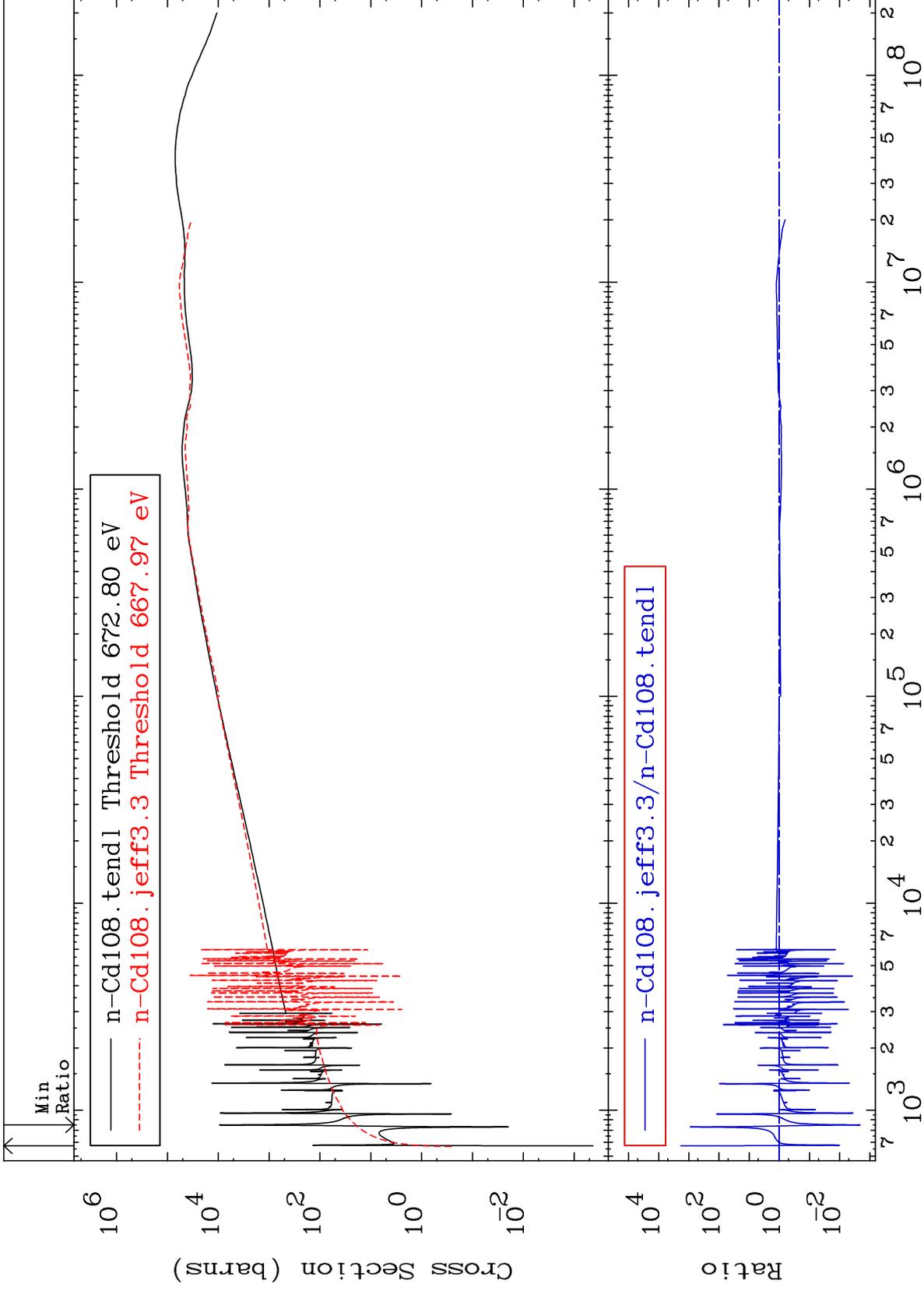
48-Cd-108
-100.0 To 7734. %



MAT 4831

Dpa elastic (mt2)
Cross Section

48-Cd-108
-99.79 To 9999. %



41

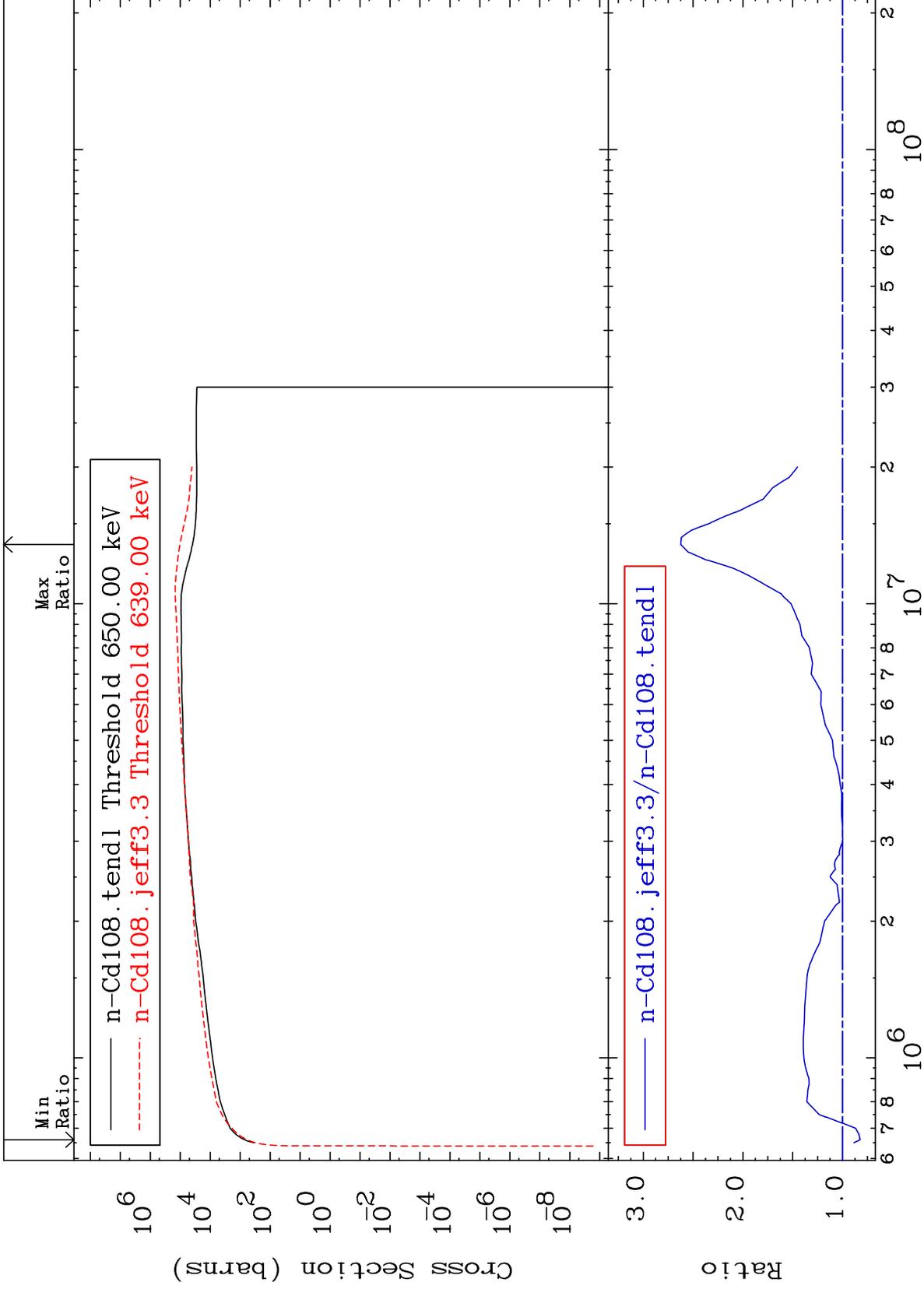
Incident Energy (eV)

48-Cd-108

MAT 4831

Dpa inelastic (mt51-91)
Cross Section

48-Cd-108
-17.63 To 162.4 %



42

48-Cd-108

