

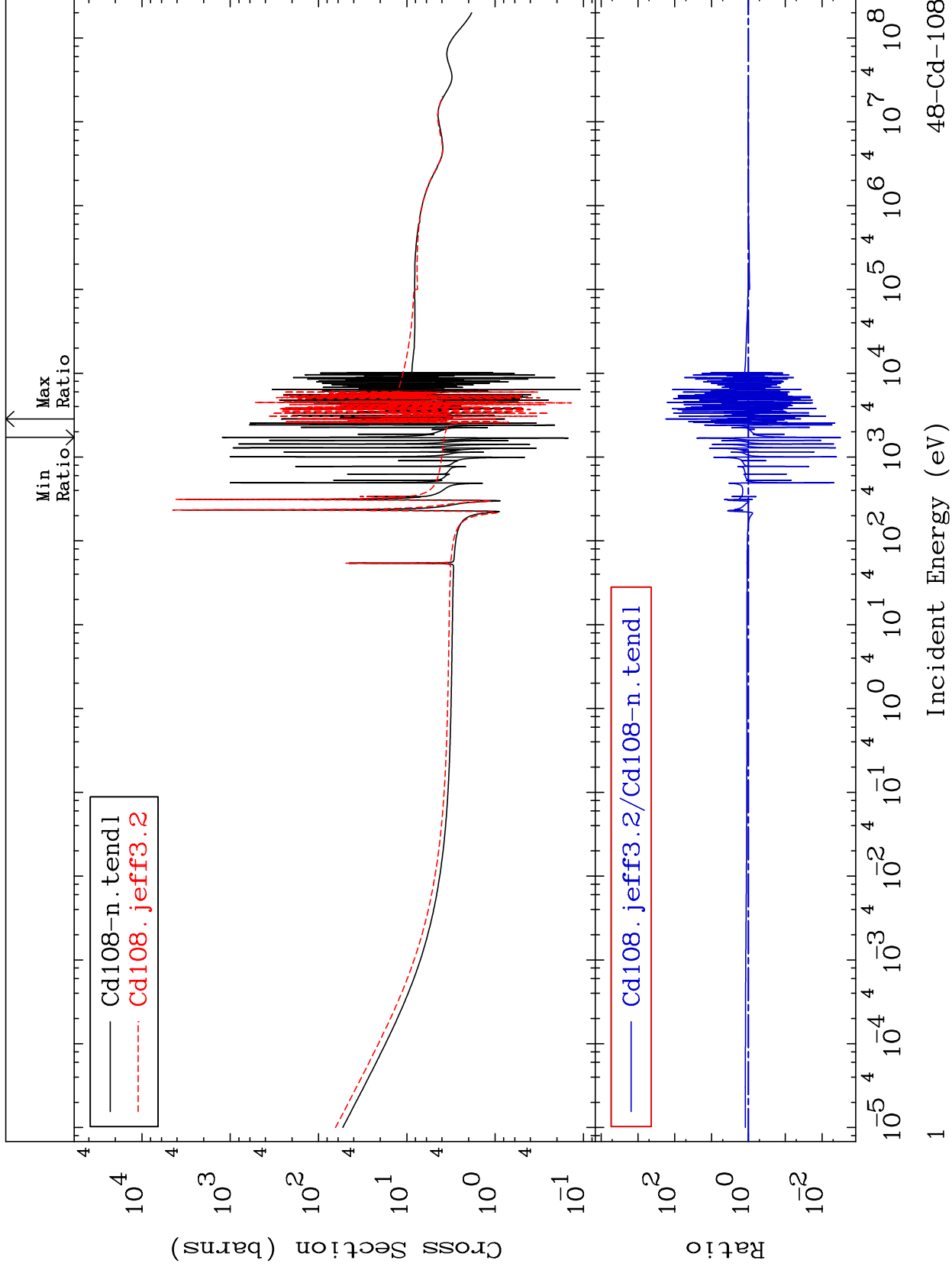
MAT 4831

Total

48-Cd-108

Cross Section

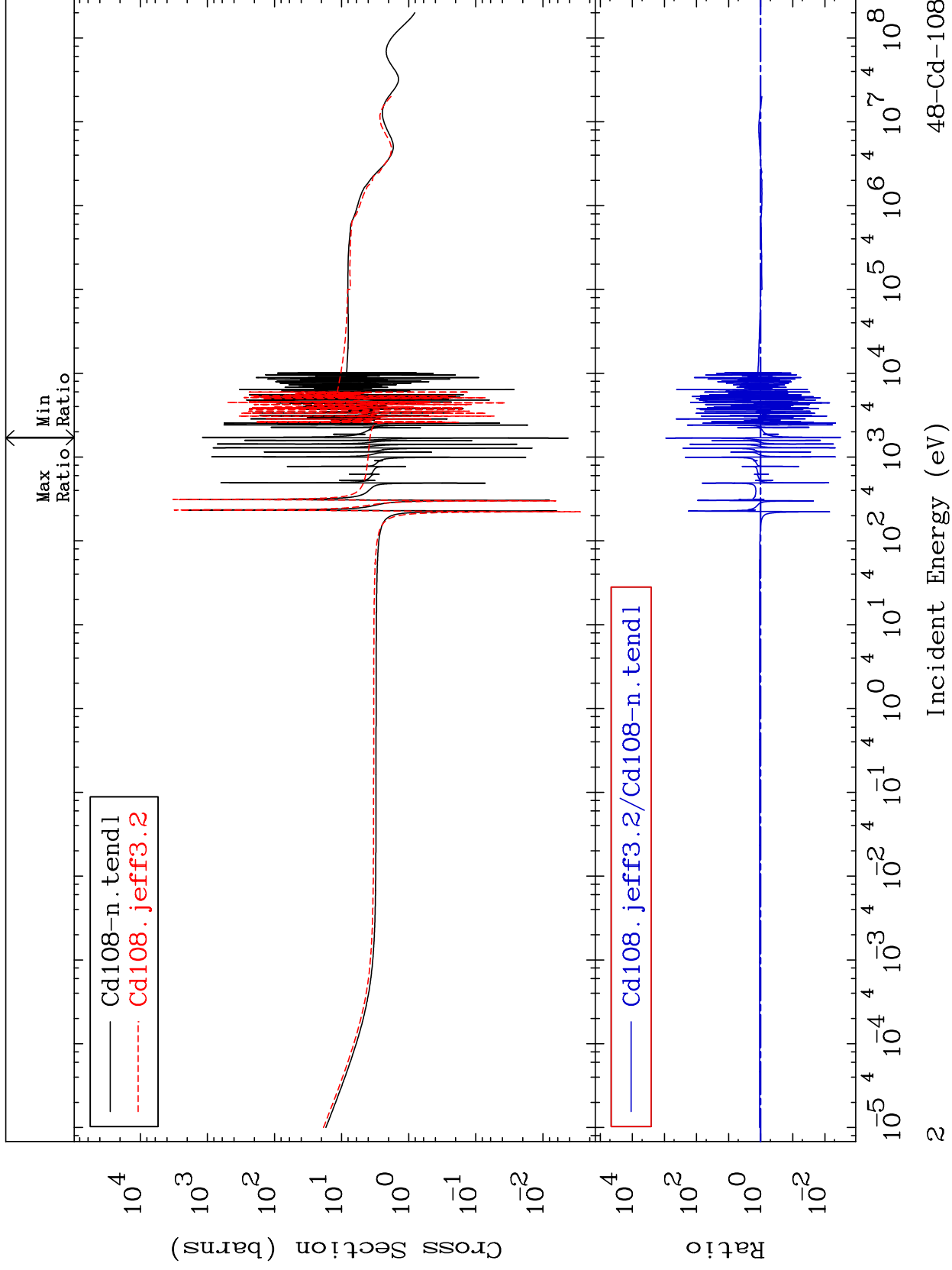
-99.69 To 9999. %



MAT 4831

Elastic
Cross Section

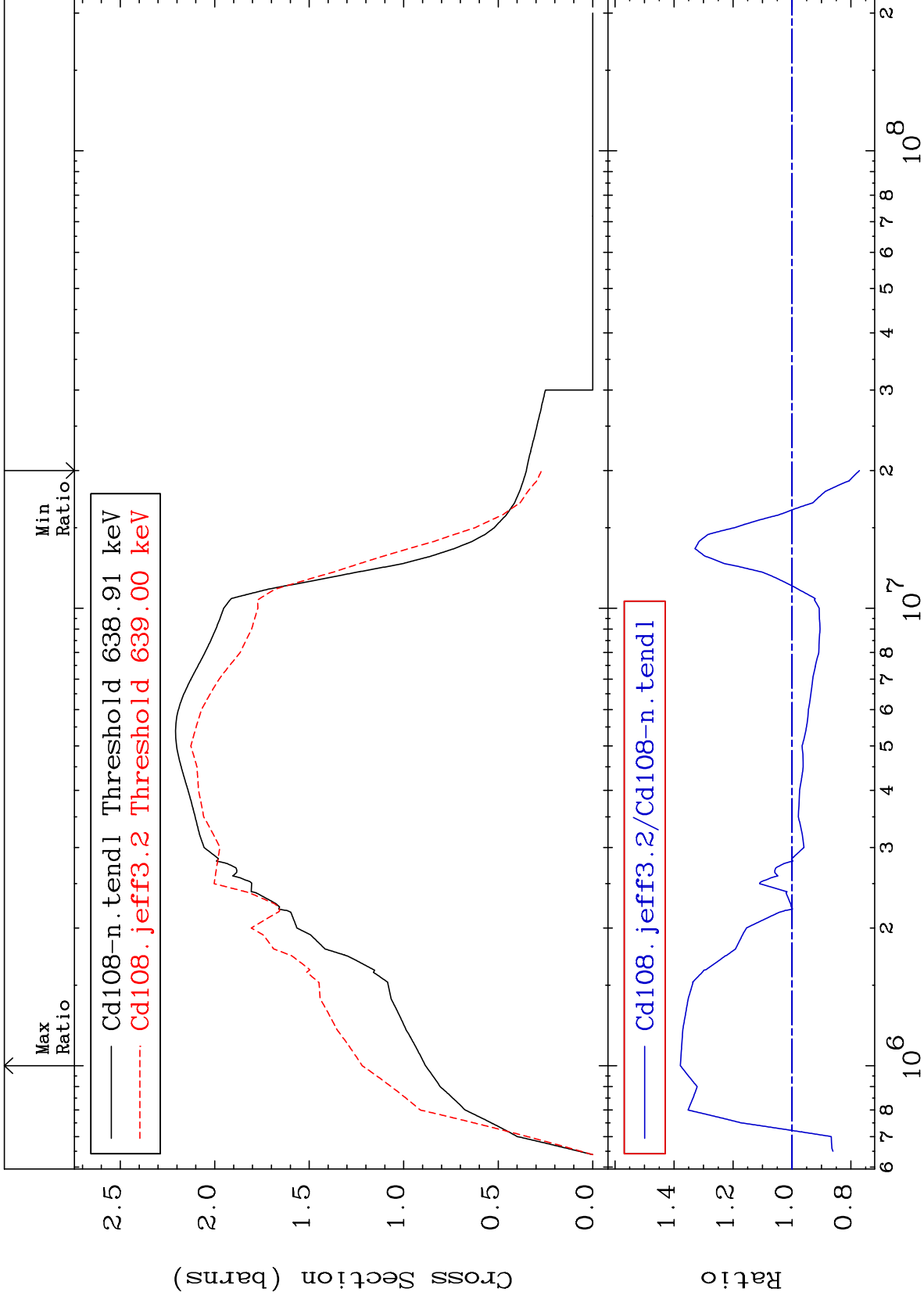
48-Cd-108
-99.68 To 9999. %



MAT 4831

Inelastic
Cross Section

48-Cd-108
-22.87 To 37.84 %



Incident Energy (eV)

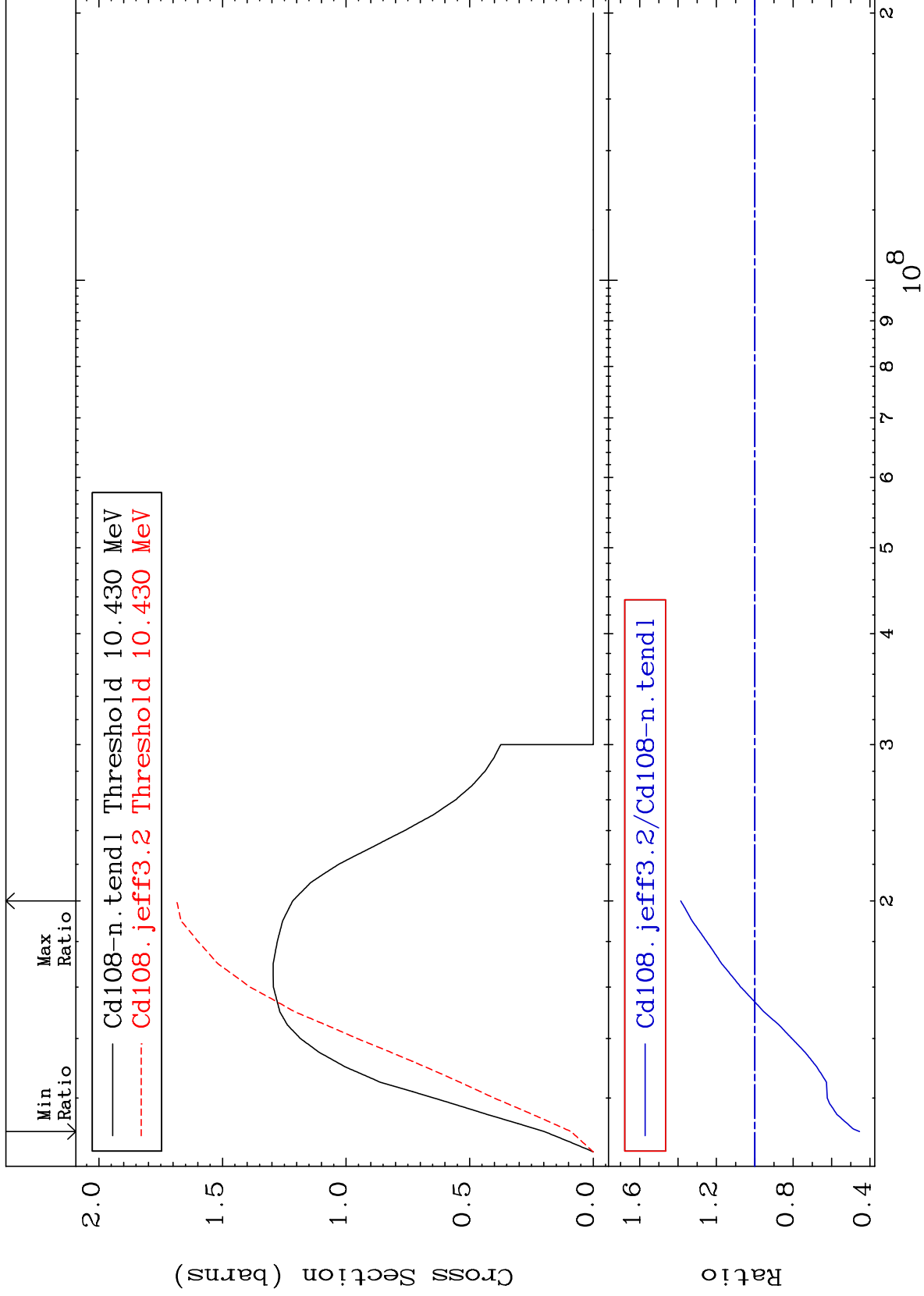
48-Cd-108

3

MAT 4831

(n,2n)
Cross Section

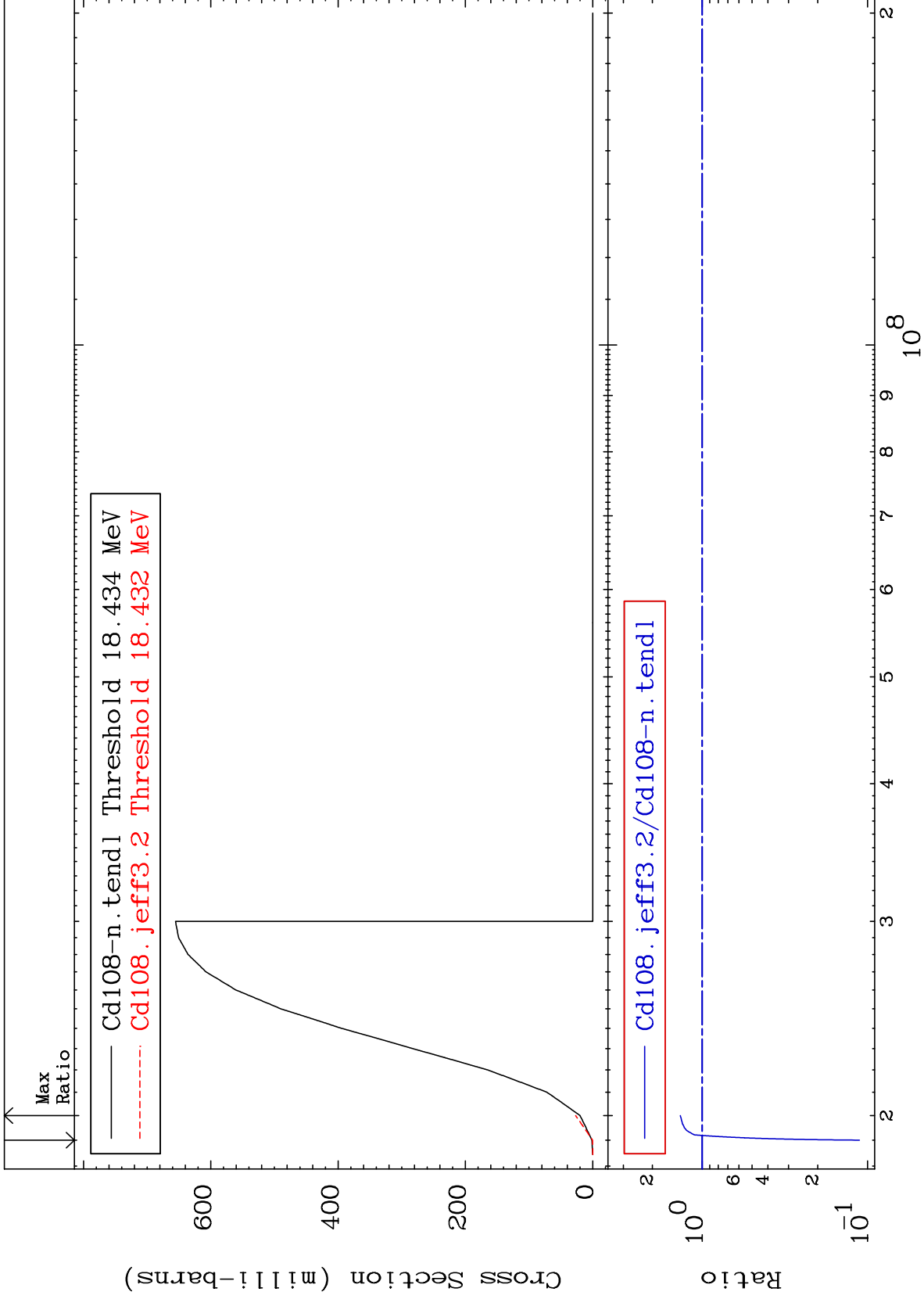
48-Cd-108
-54.59 To 38.57 %



MAT 4831

(n,3n)
Cross Section

48-Cd-108
-88.81 To 35.51 %



5

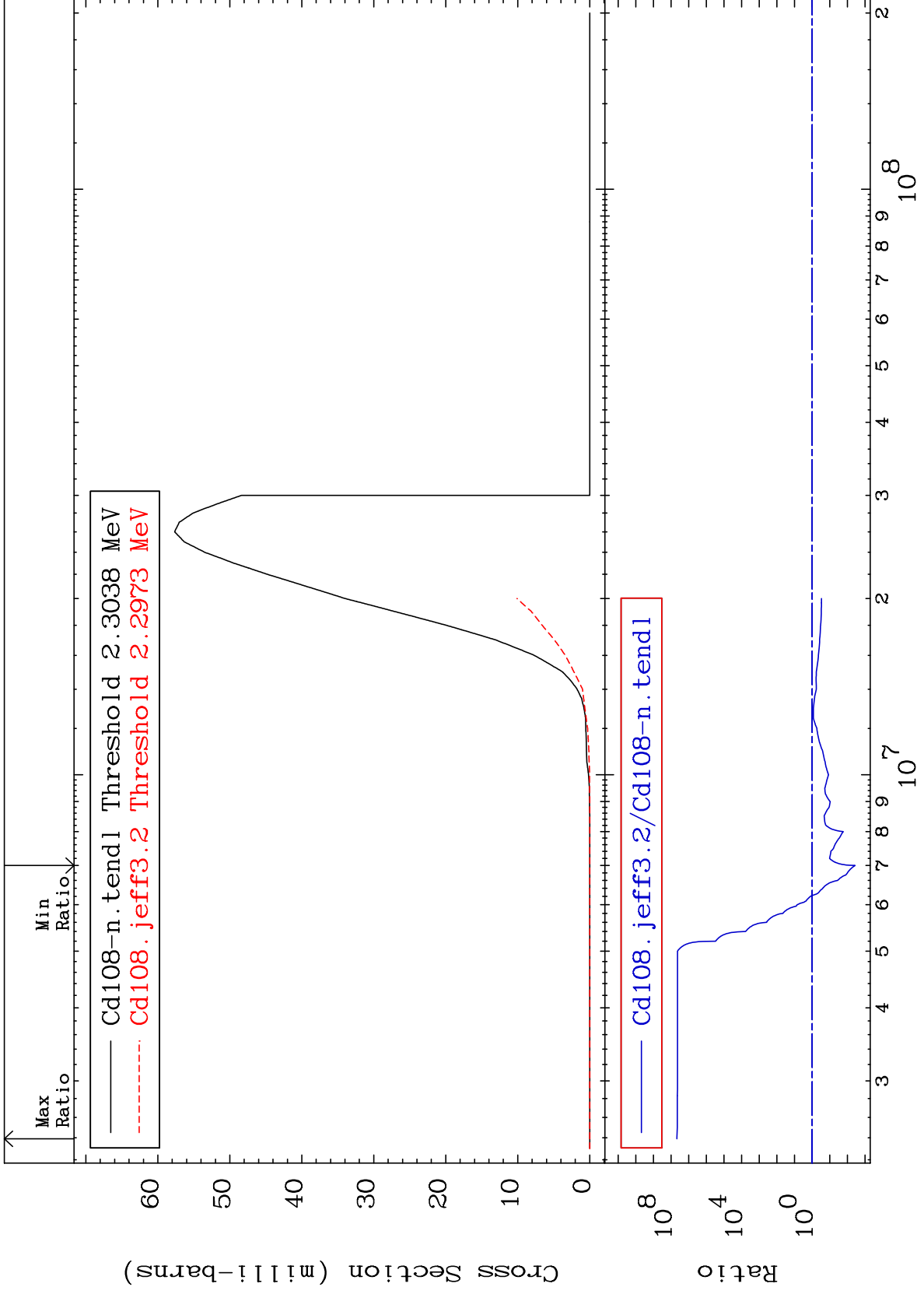
48-Cd-108

48-Cd-108

MAT 4831

(n, n') α
Cross Section

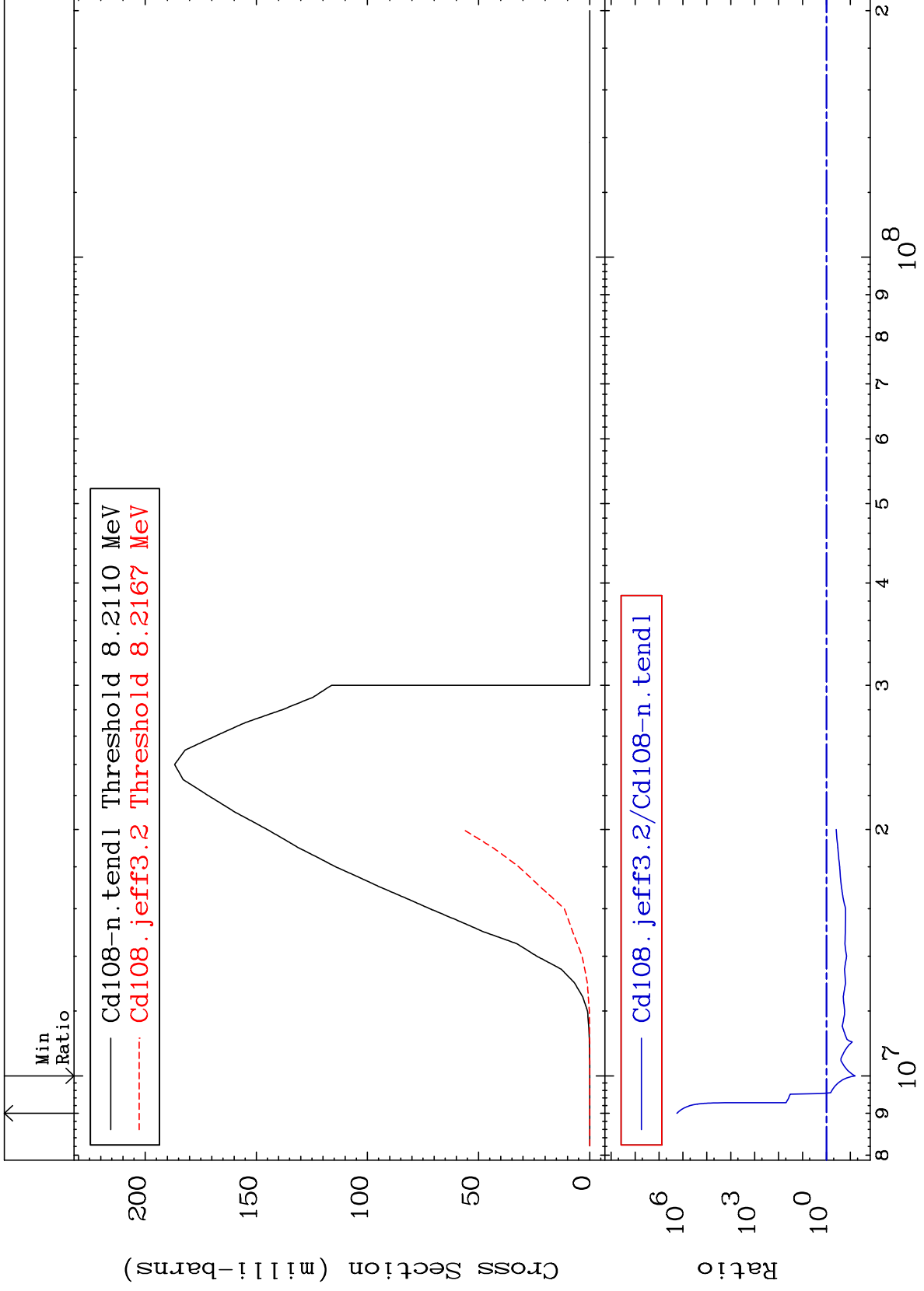
48-Cd-108
-99.63 To 9999. %



MAT 4831

(n, n') p
Cross Section

48-Cd-108
-93.67 To 9999. %



7

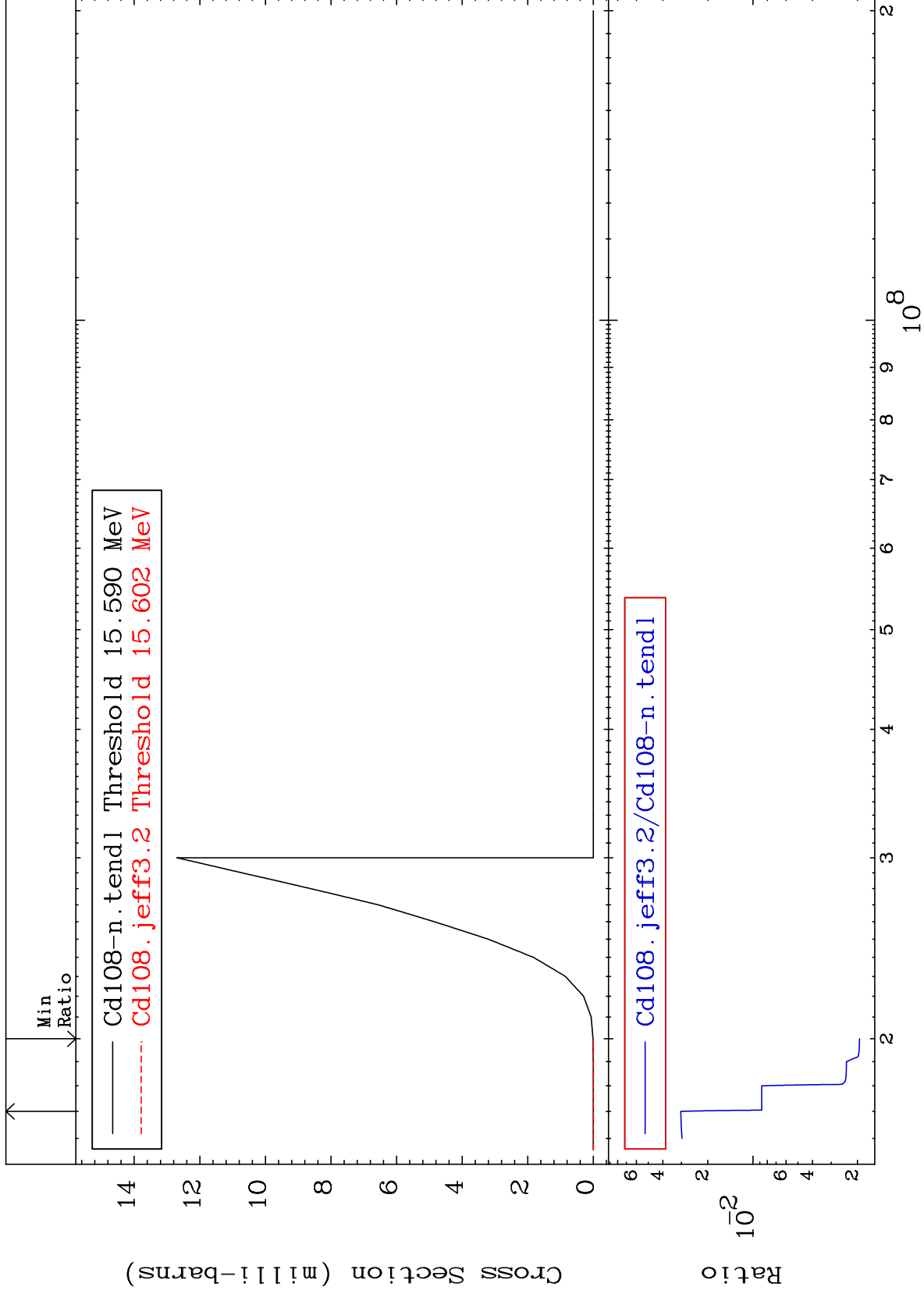
Incident Energy (eV)

48-Cd-108

MAT 4831

(n, n') d
Cross Section

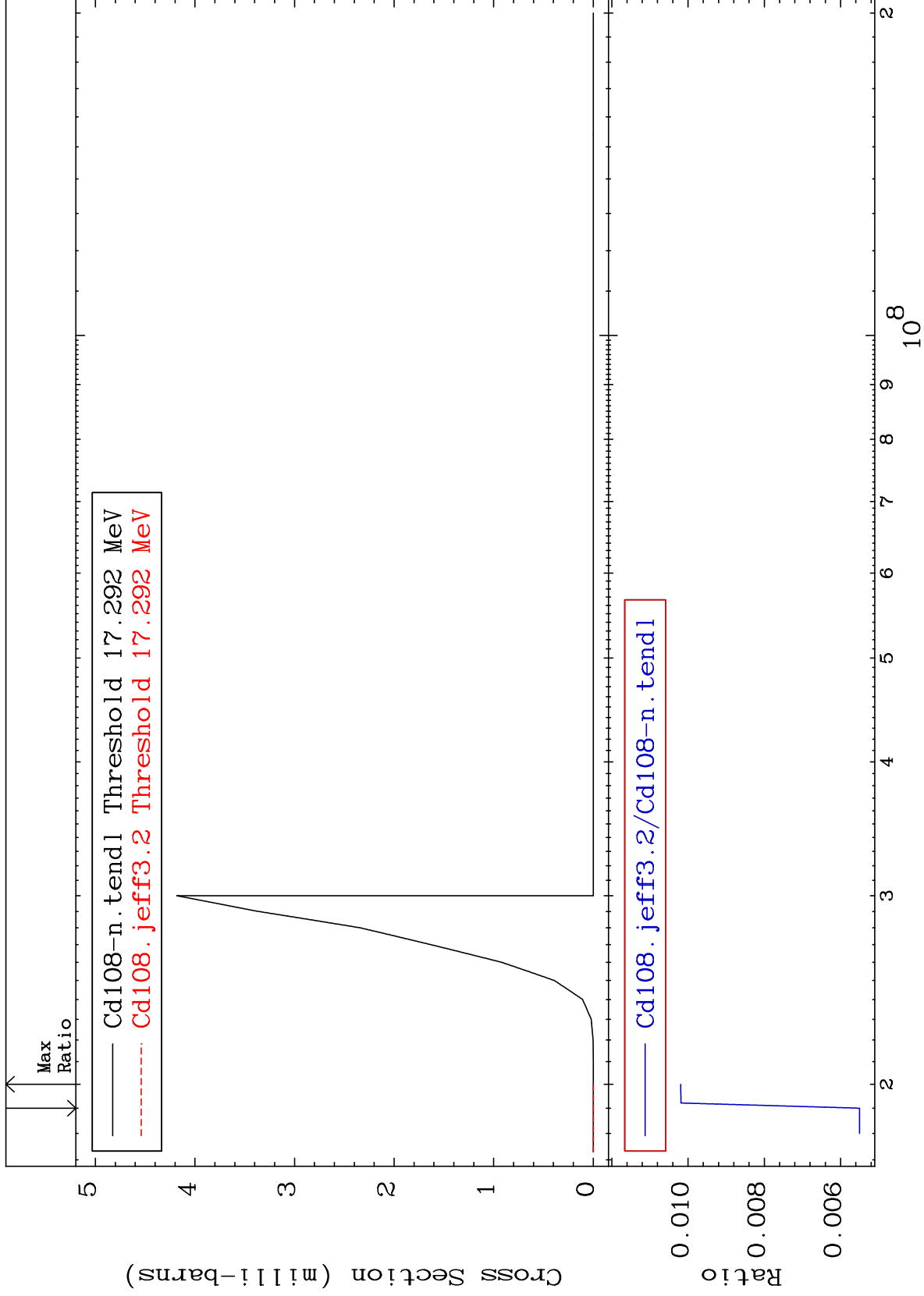
48-Cd-108
-99.81 To -96.97%



MAT 4831

(n,n') t
Cross Section

48-Cd-108
-99.45 To -98.98%

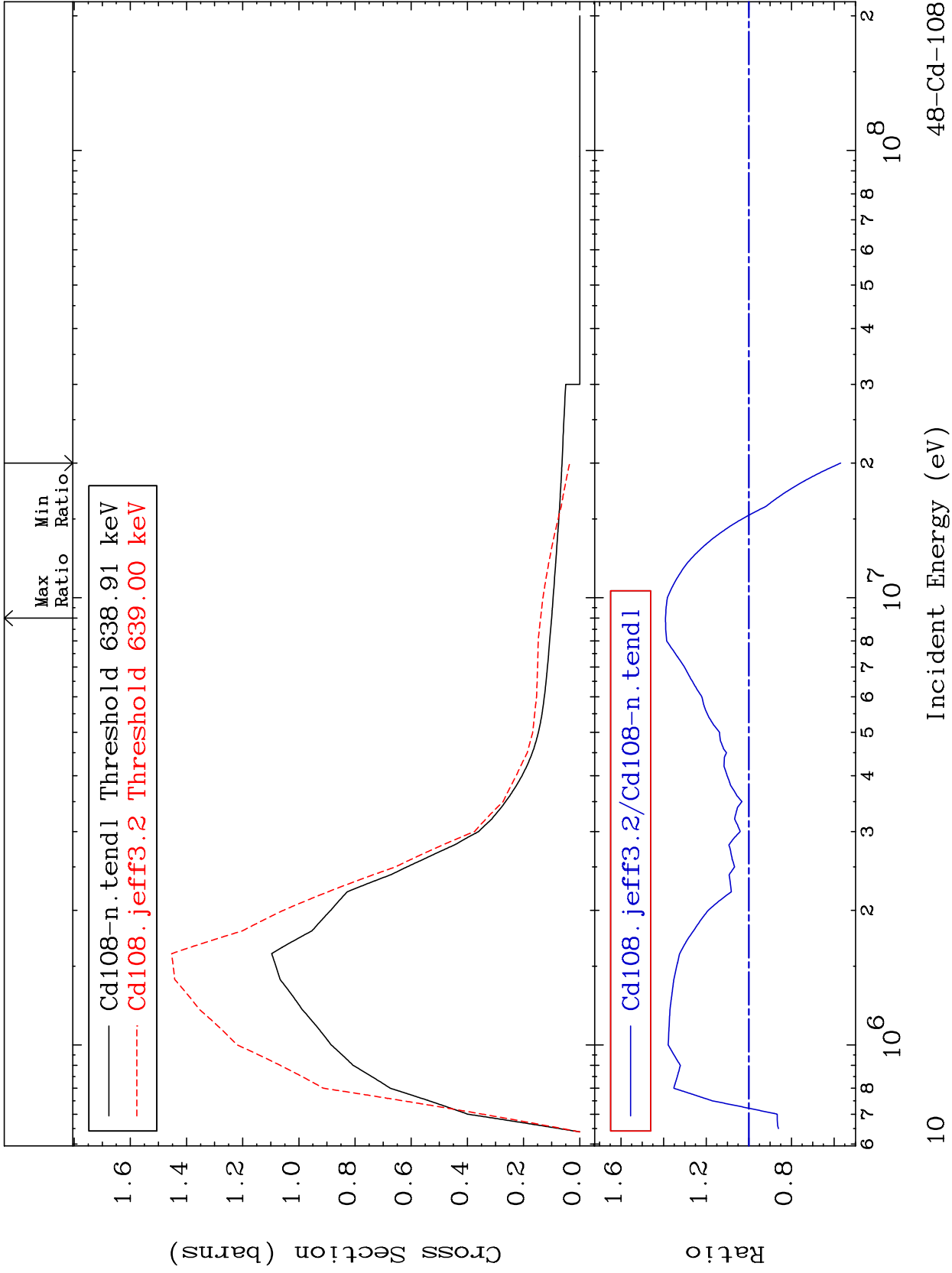


MAT 4831

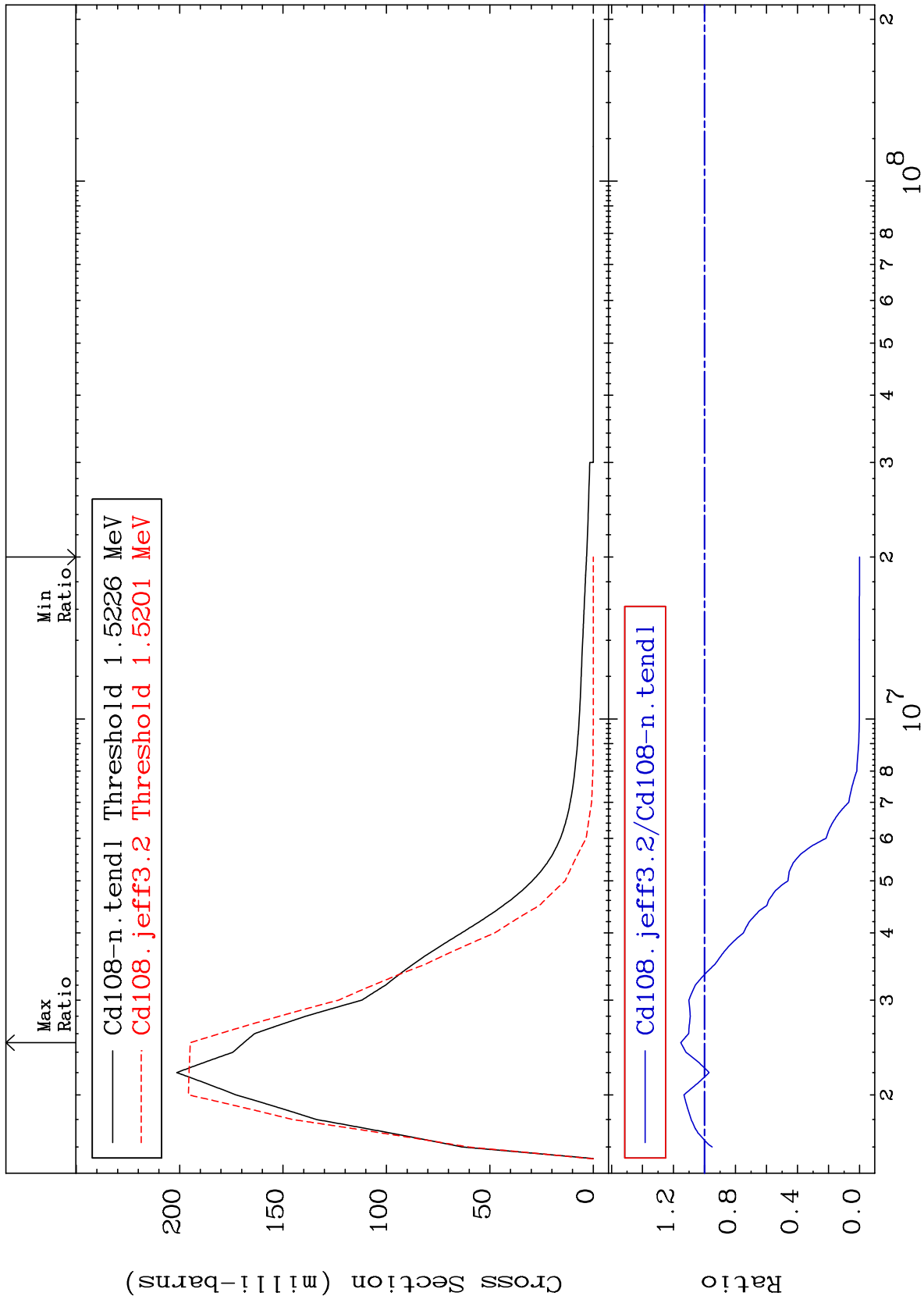
633.0 keV (n,n') Level

48-Cd-108

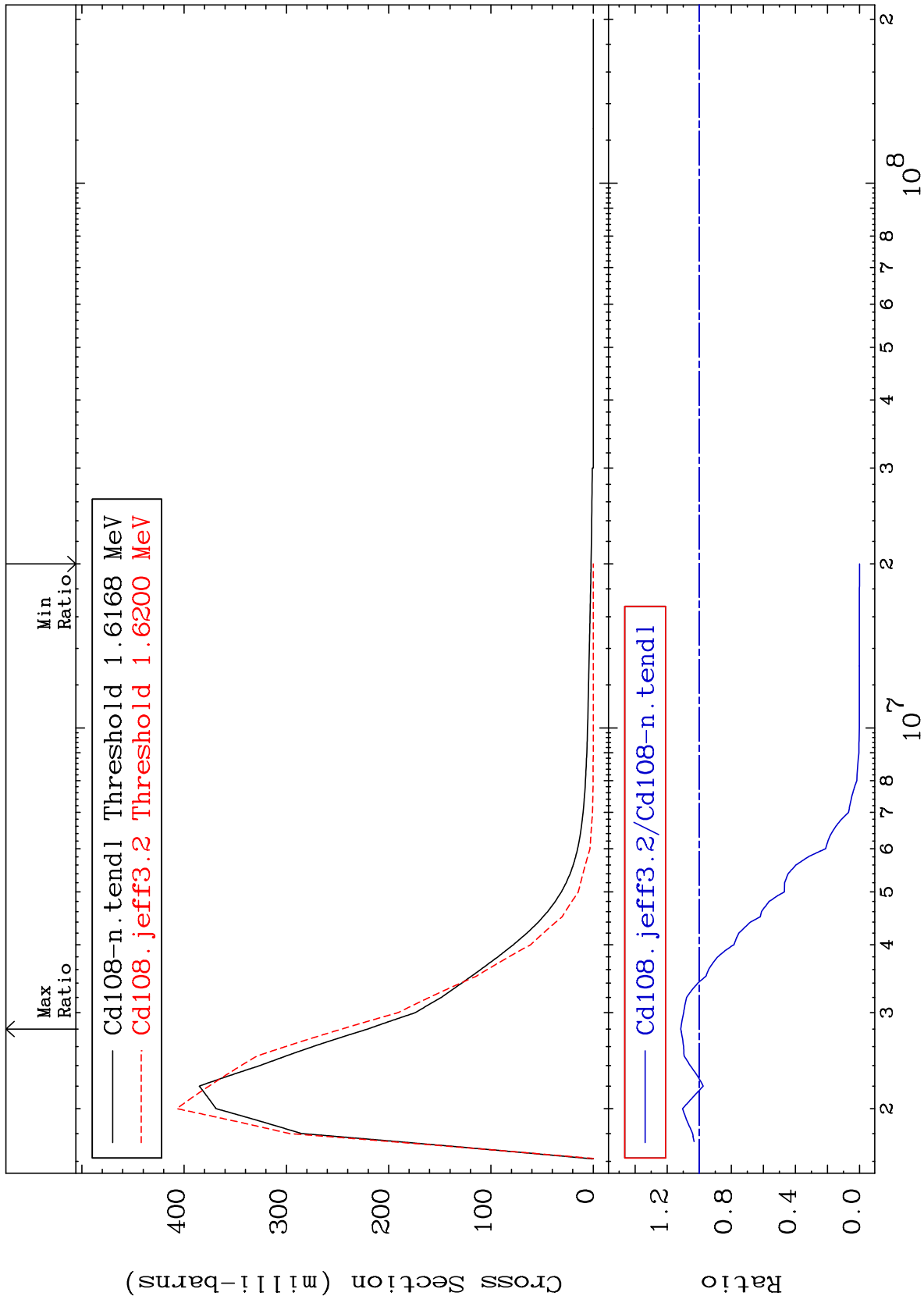
-43.09 To 39.08 %



MAT 4831 1.508 MeV (n,n') Level 48-Cd-108
 Cross Section -100.0 To 15.33 %



MAT 4831 1.602 MeV (n,n') Level 48-Cd-108
 Cross Section -100.0 To 11.50 %

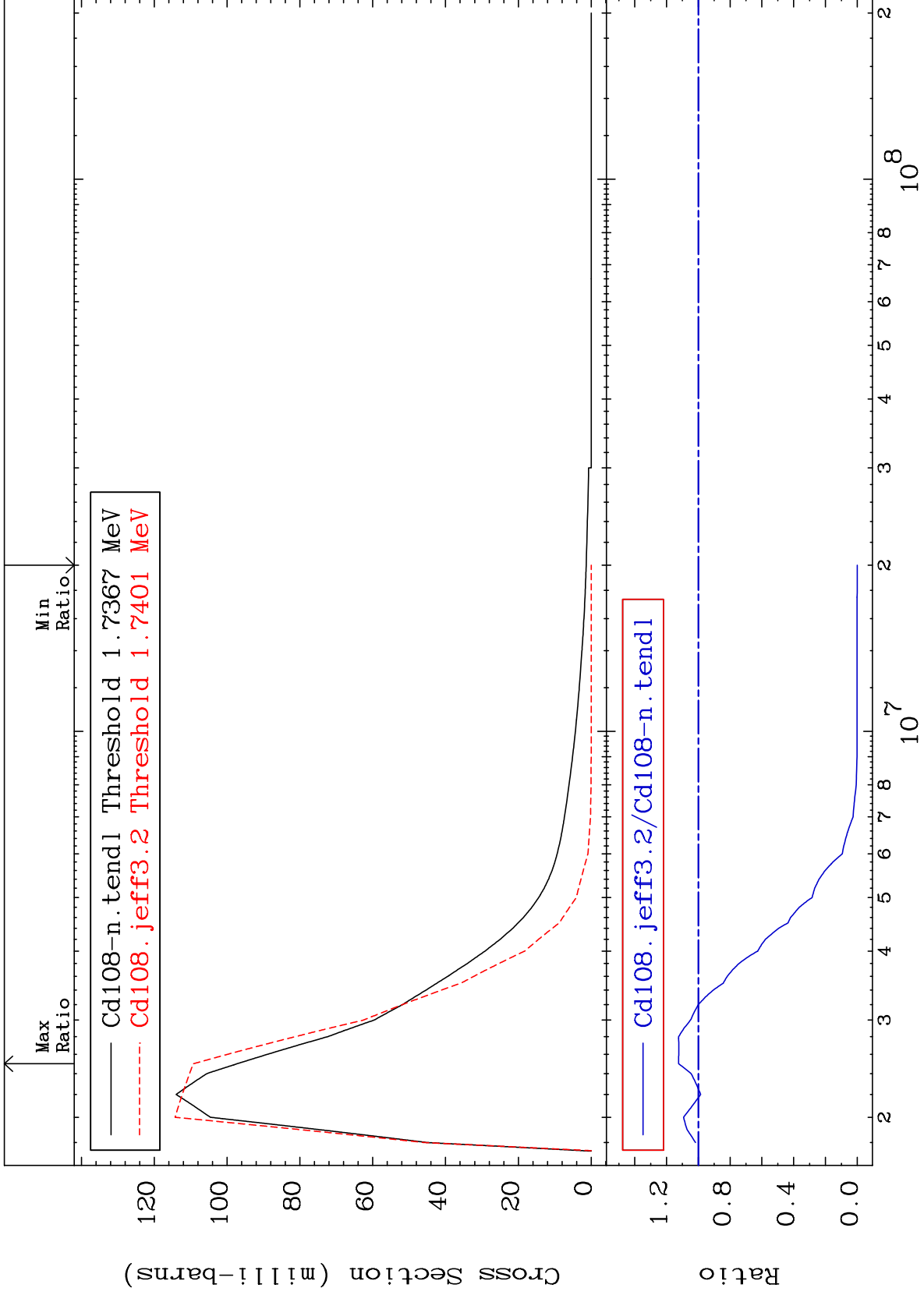


12 Incident Energy (eV) 48-Cd-108

MAT 4831

1.721 MeV (n,n') Level
Cross Section

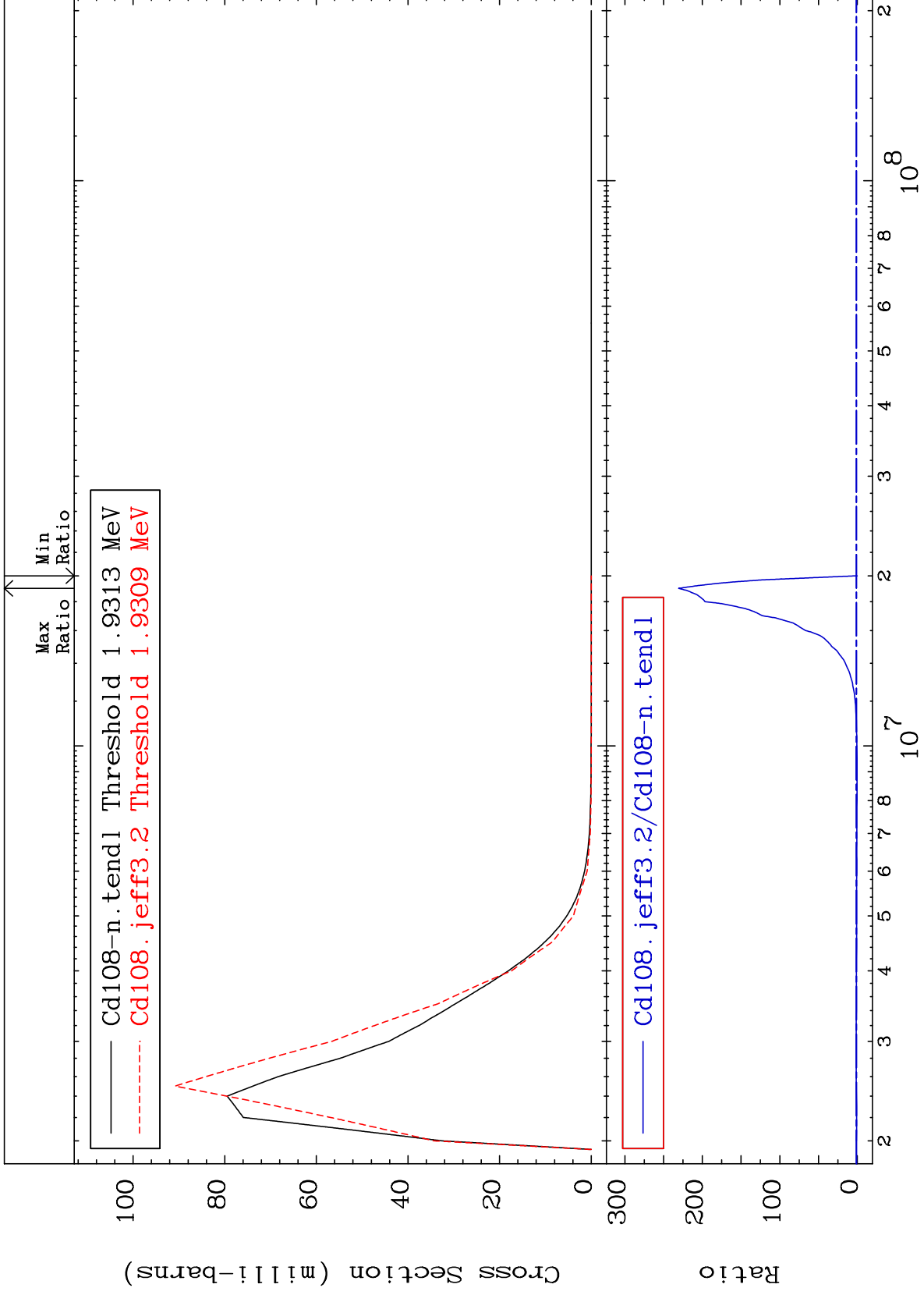
48-Cd-108
-100.0 To 12.38 %



MAT 4831

1.913 MeV (n,n') Level
Cross Section

48-Cd-108
-100.0 To 9999. %



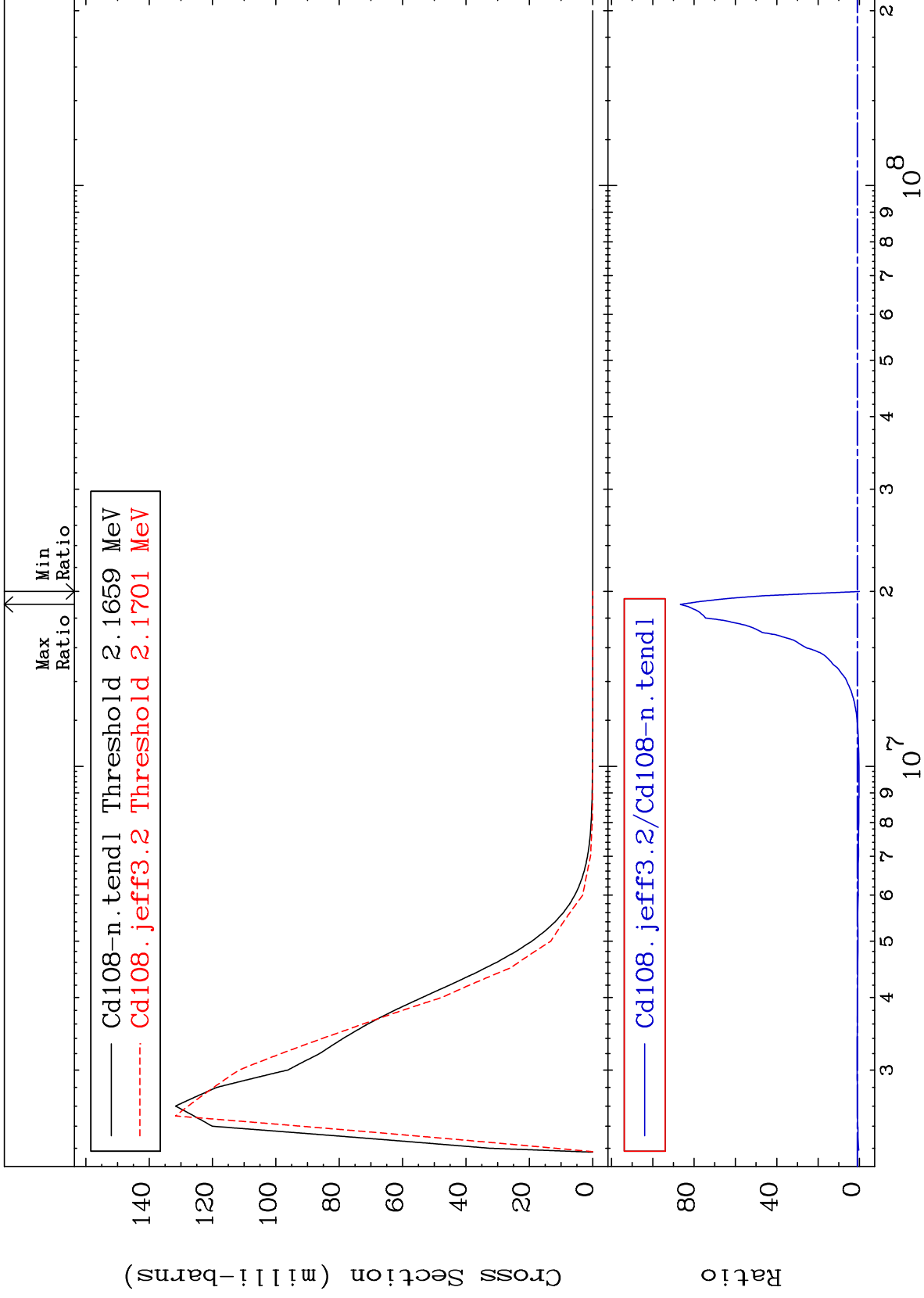
14

48-Cd-108

MAT 4831

2.146 MeV (n,n') Level
Cross Section

48-Cd-108
-100.0 To 8565. %



15

Incident Energy (eV)

48-Cd-108

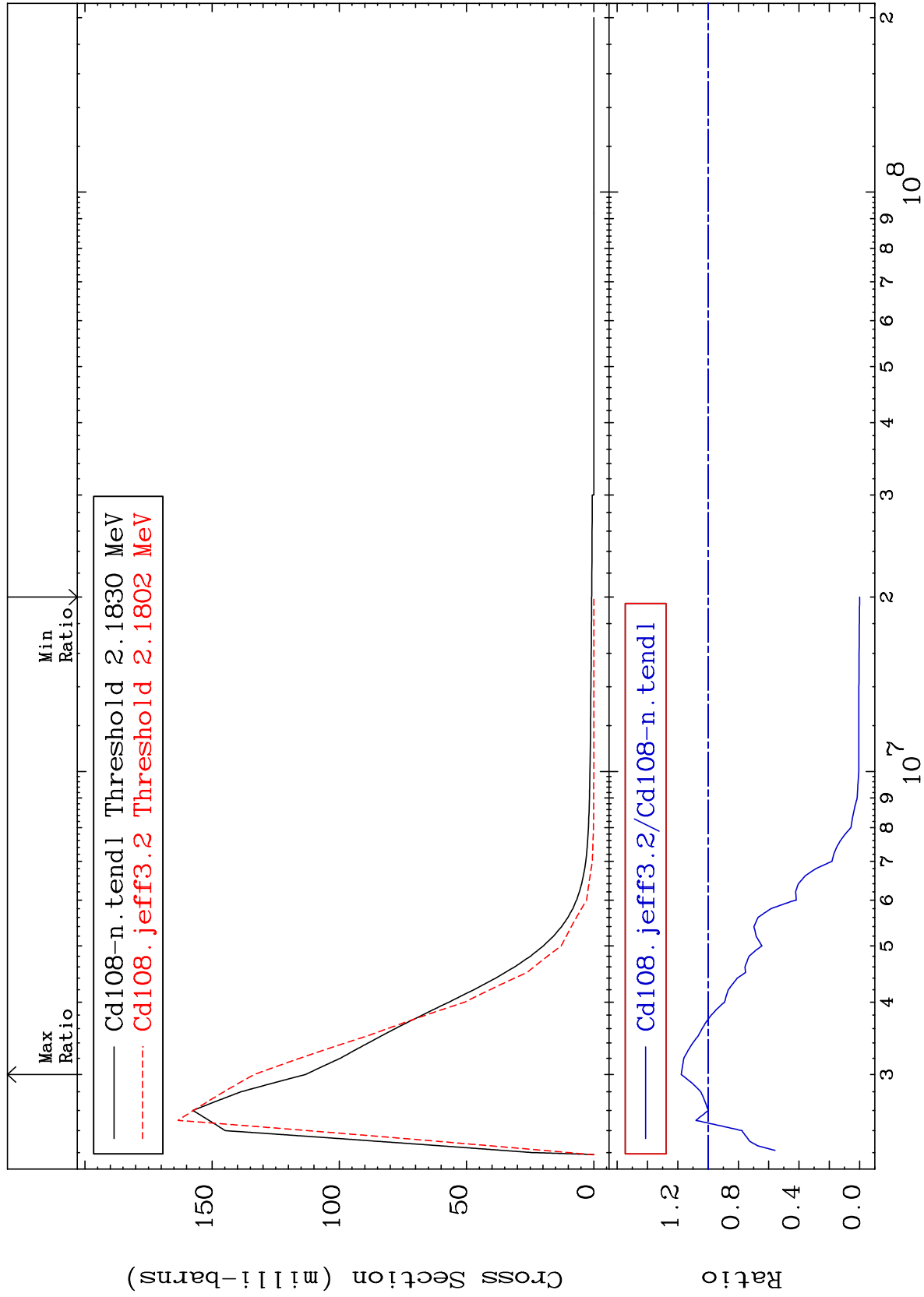
MAT 4831

2.163 MeV (n,n') Level

48-Cd-108

-100.0 To 17.76 %

Cross Section



16

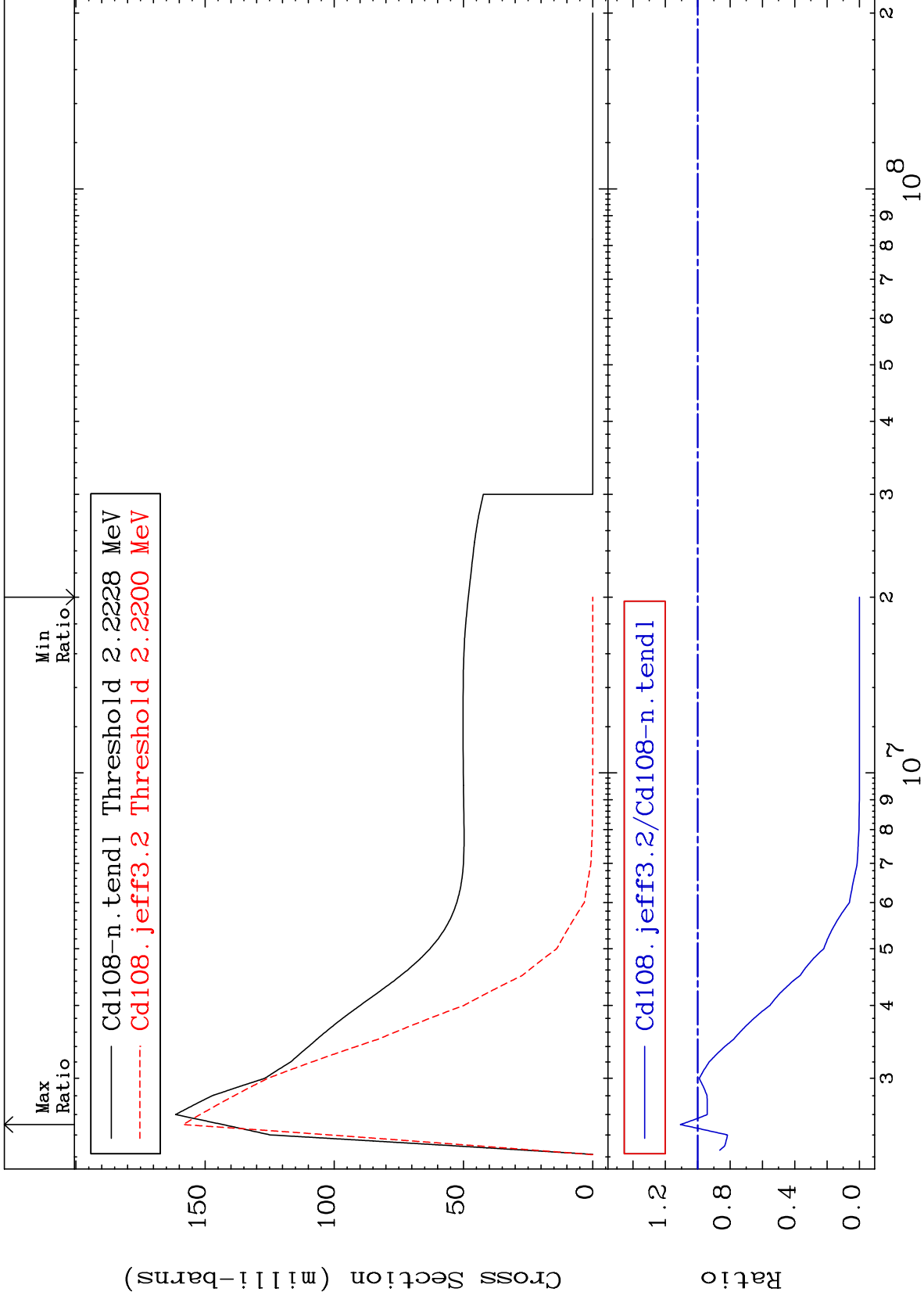
Incident Energy (eV)

48-Cd-108

MAT 4831

2.202 MeV (n,n') Level
Cross Section

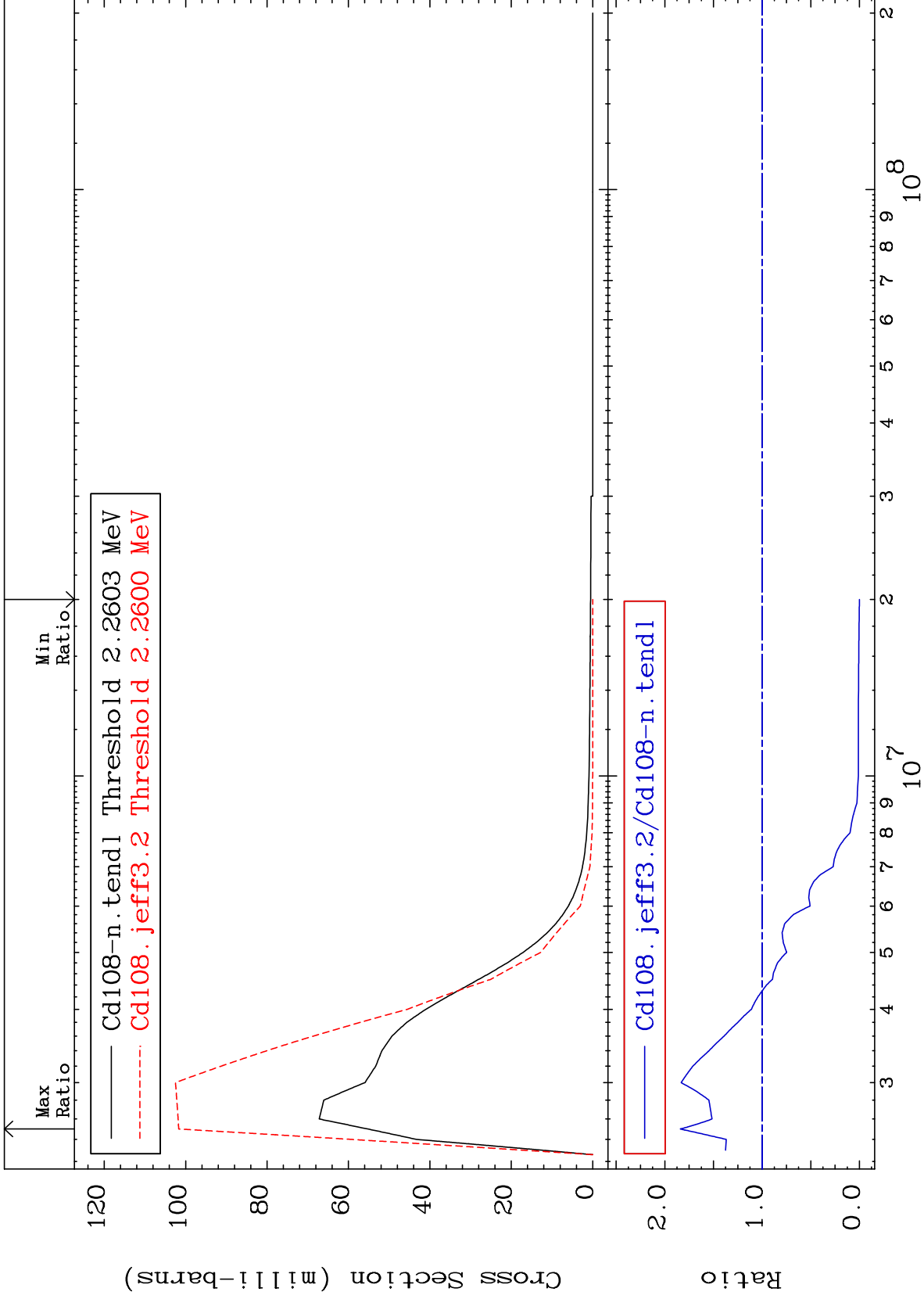
48-Cd-108
-100.0 To 10.74 %



MAT 4831

2.239 MeV (n,n') Level
Cross Section

48-Cd-108
-100.0 To 84.03 %



18

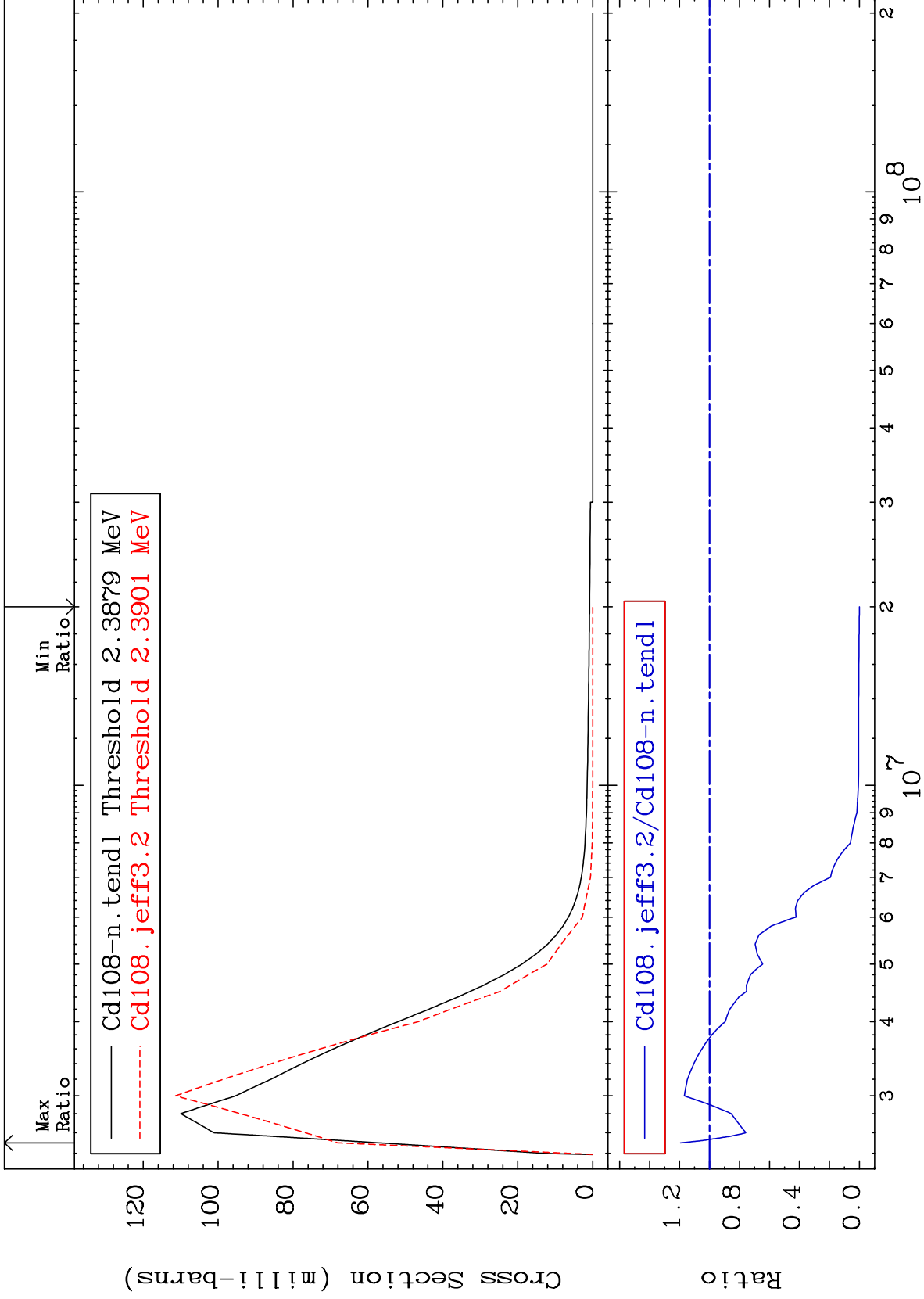
Incident Energy (eV)

48-Cd-108

MAT 4831

2.366 MeV (n,n') Level
Cross Section

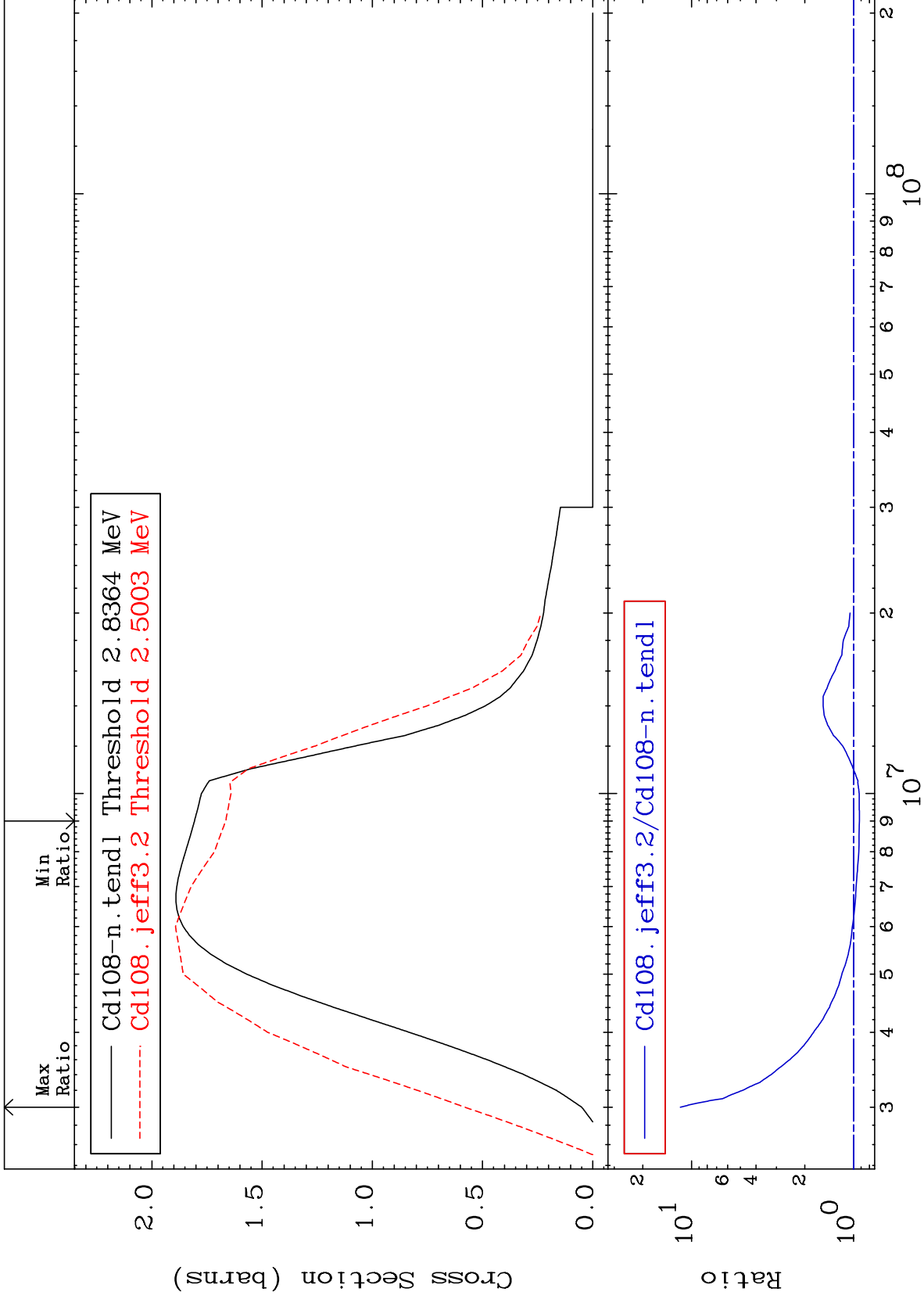
48-Cd-108
-100.0 To 19.47 %



MAT 4831

(n, n') Continuum
Cross Section

48-Cd-108
-7.847 To 1073. %



20

Incident Energy (eV)

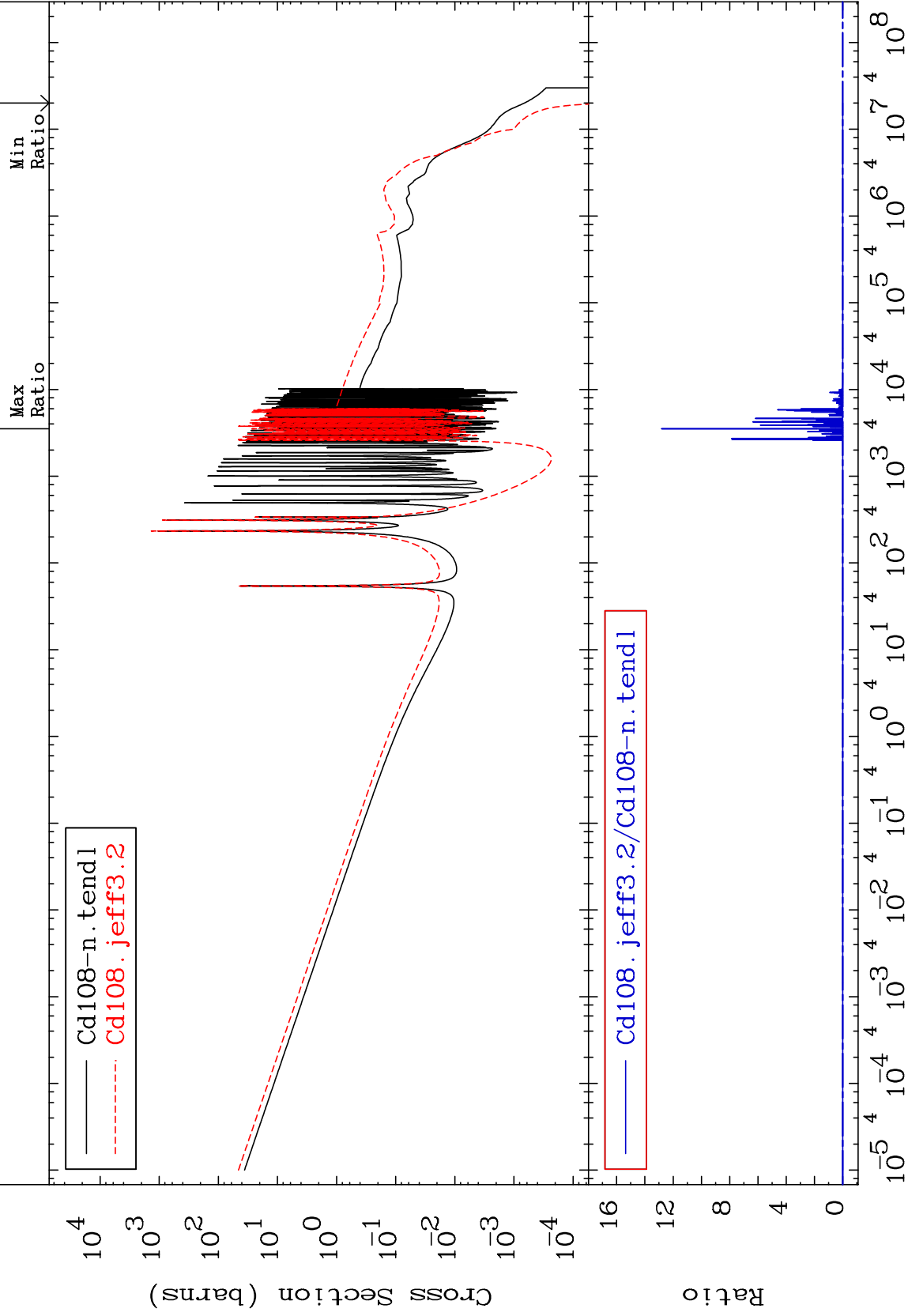
48-Cd-108

MAT 4831

48-Cd-108

(n, γ)
Cross Section

-100.0 To 9999. %



21

48-Cd-108

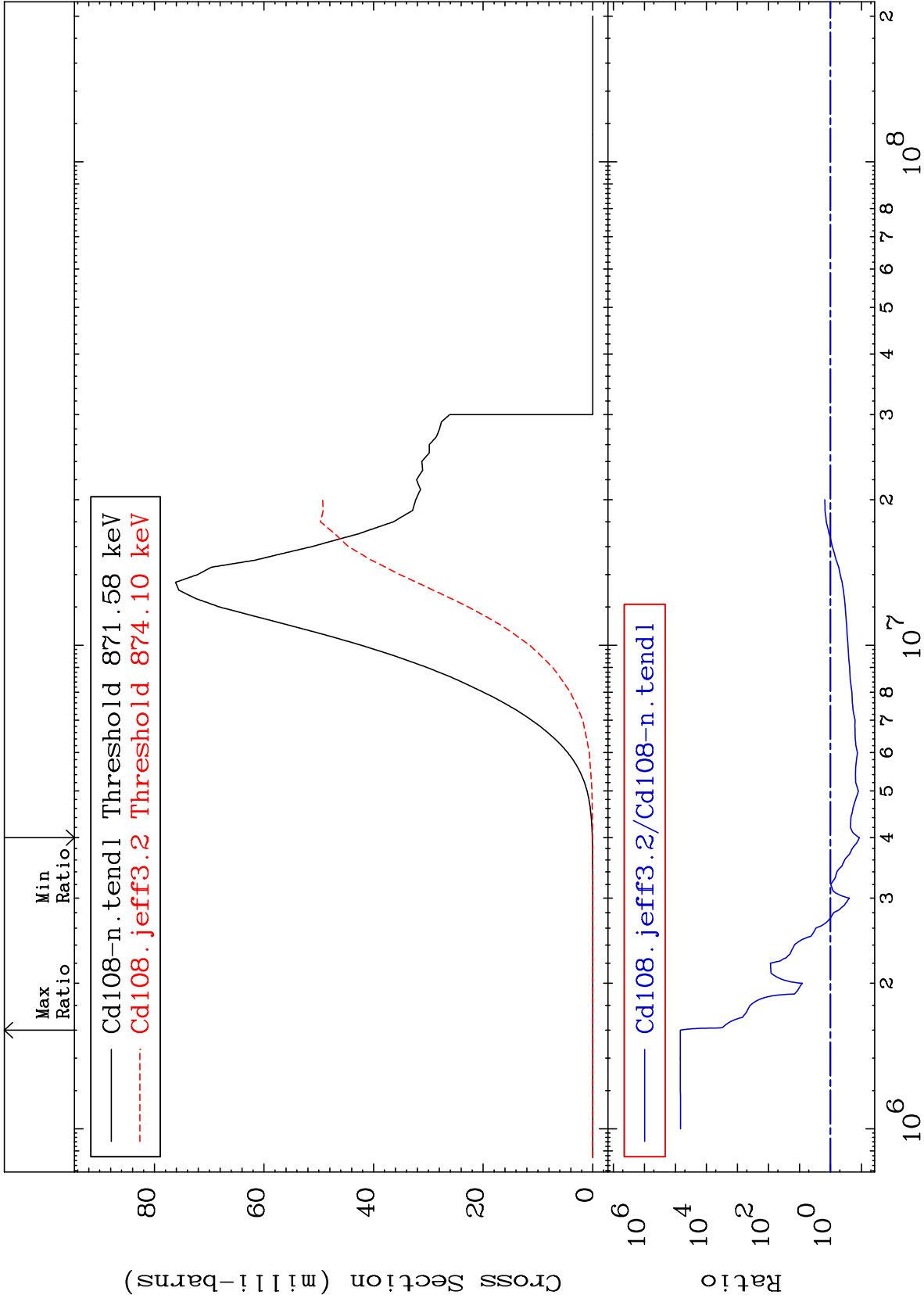
MAT 4831

(n,p)

48-Cd-108

Cross Section

-88.34 To 9999. %



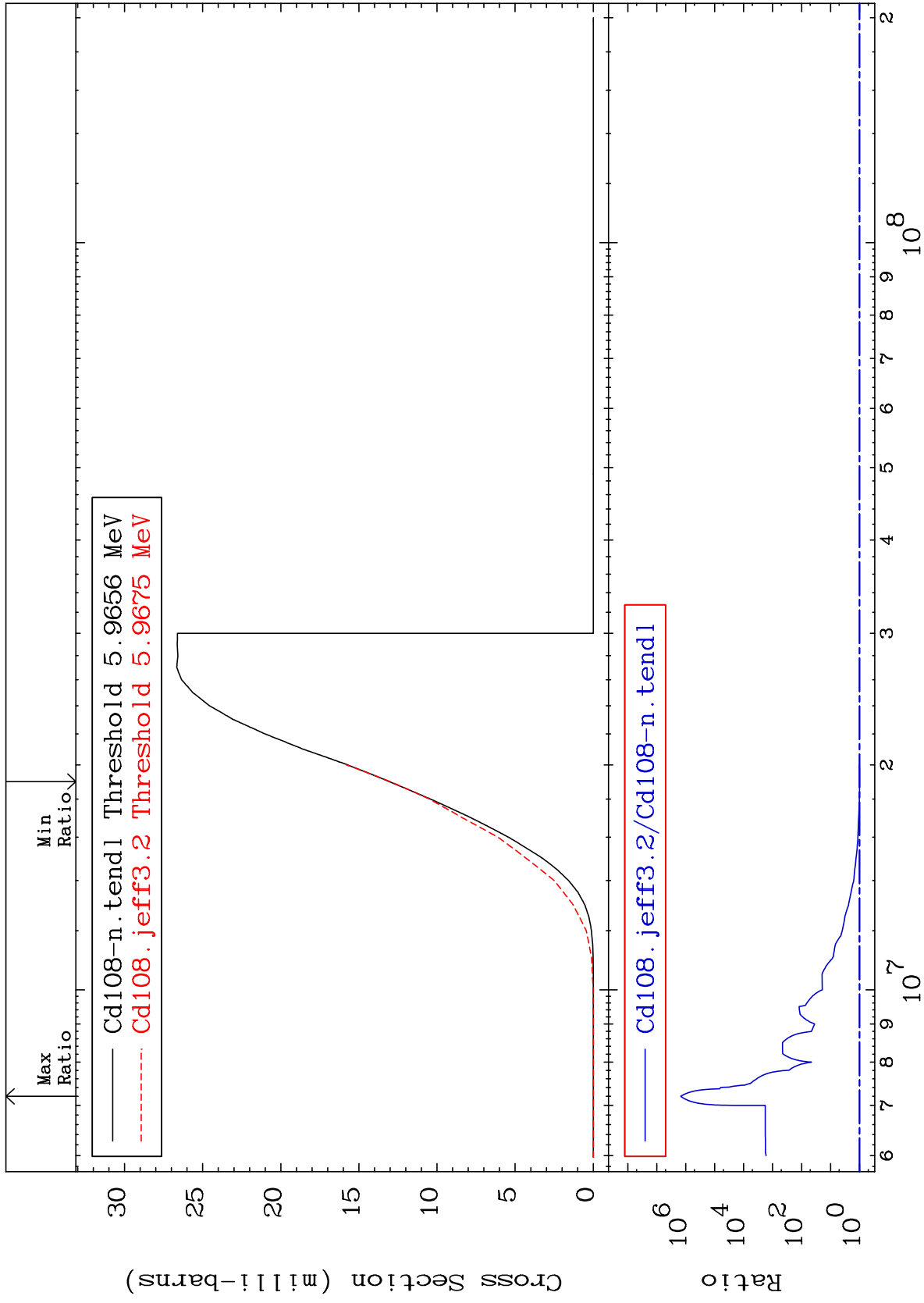
MAT 4831

(n, d)

48-Cd-108

Cross Section

-0.520 To 9999. %



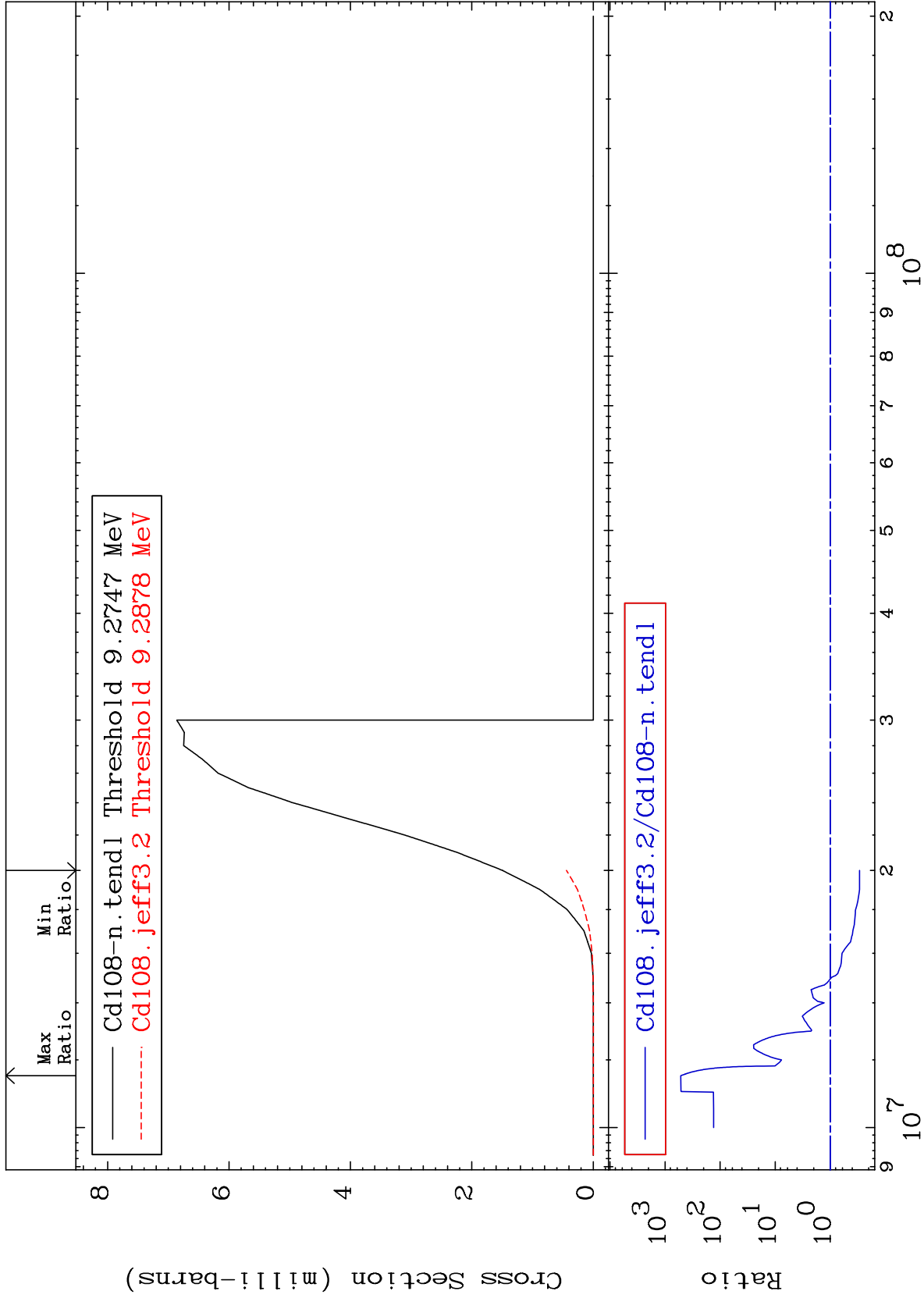
MAT 4831

(n, t)

48-Cd-108

Cross Section

-70.58 To 9999. %



24

Incident Energy (eV)

48-Cd-108

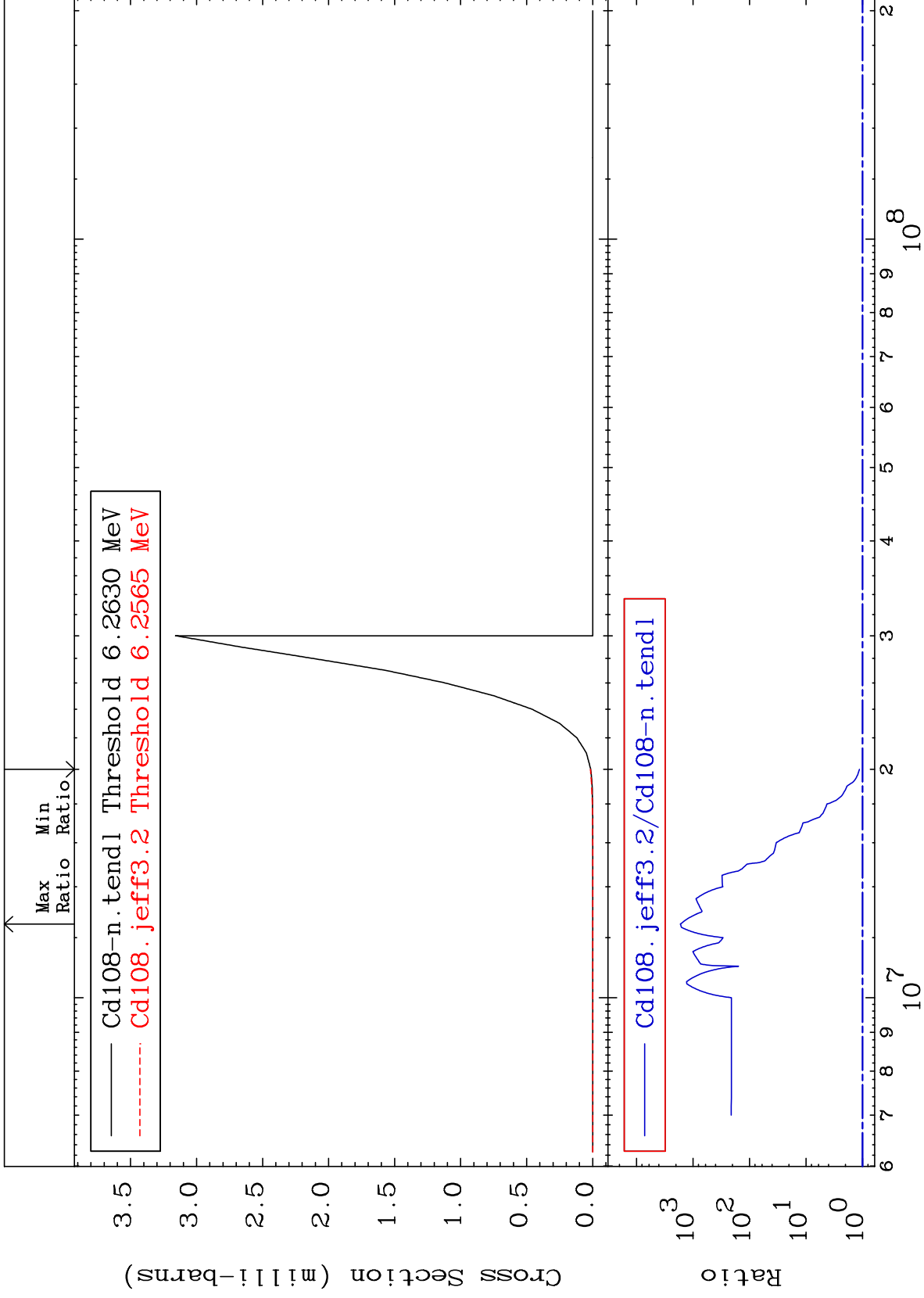
MAT 4831

(n, He-3)

48-Cd-108

Cross Section

13.52 To 9999. %



25

Incident Energy (eV)

48-Cd-108

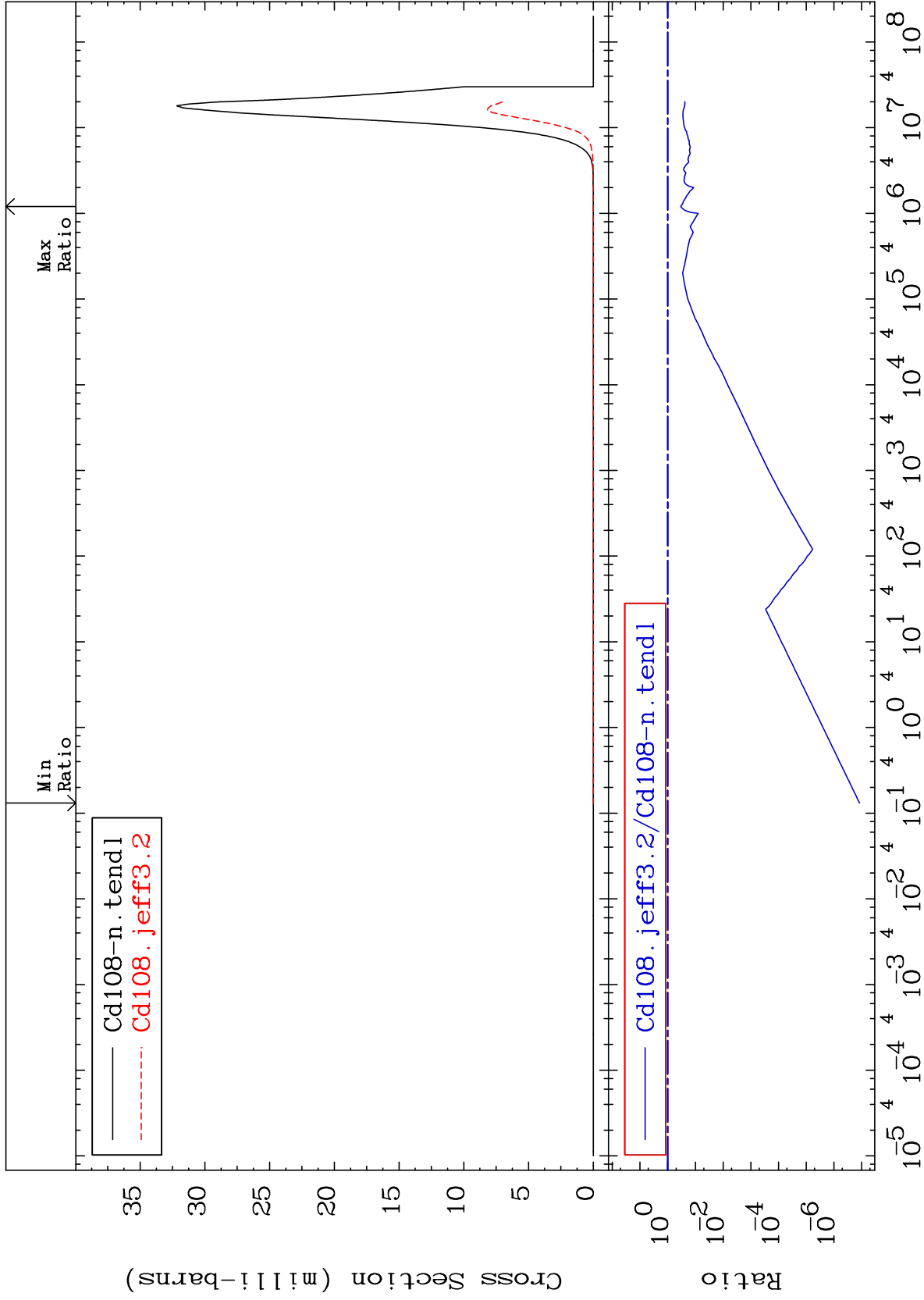
MAT 4831

(n, α)

48-Cd-108

Cross Section

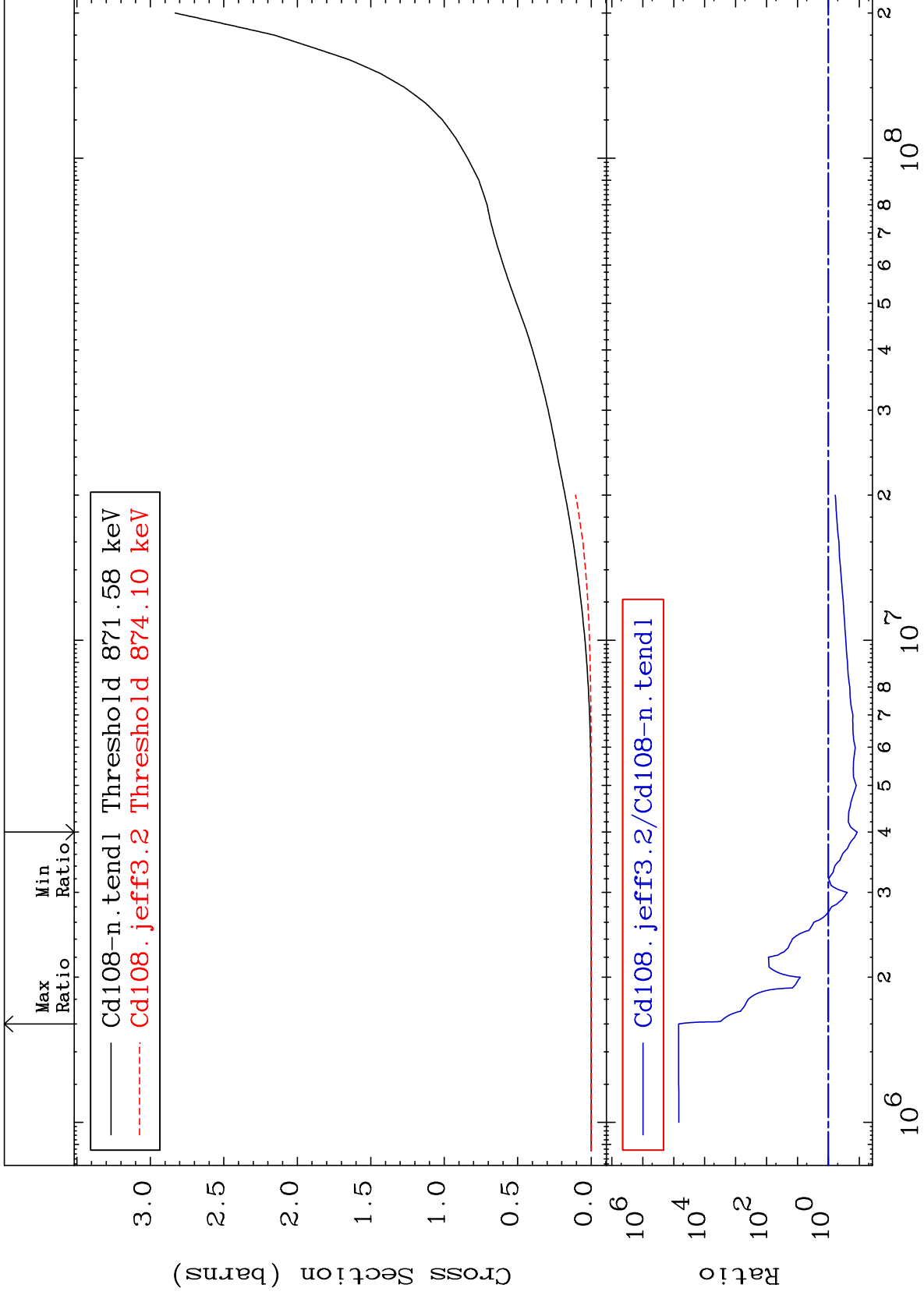
-100.0 To -66.21%



MAT 4831

Hydrogen Production
Cross Section

48-Cd-108
-88.34 To 9999. %



27

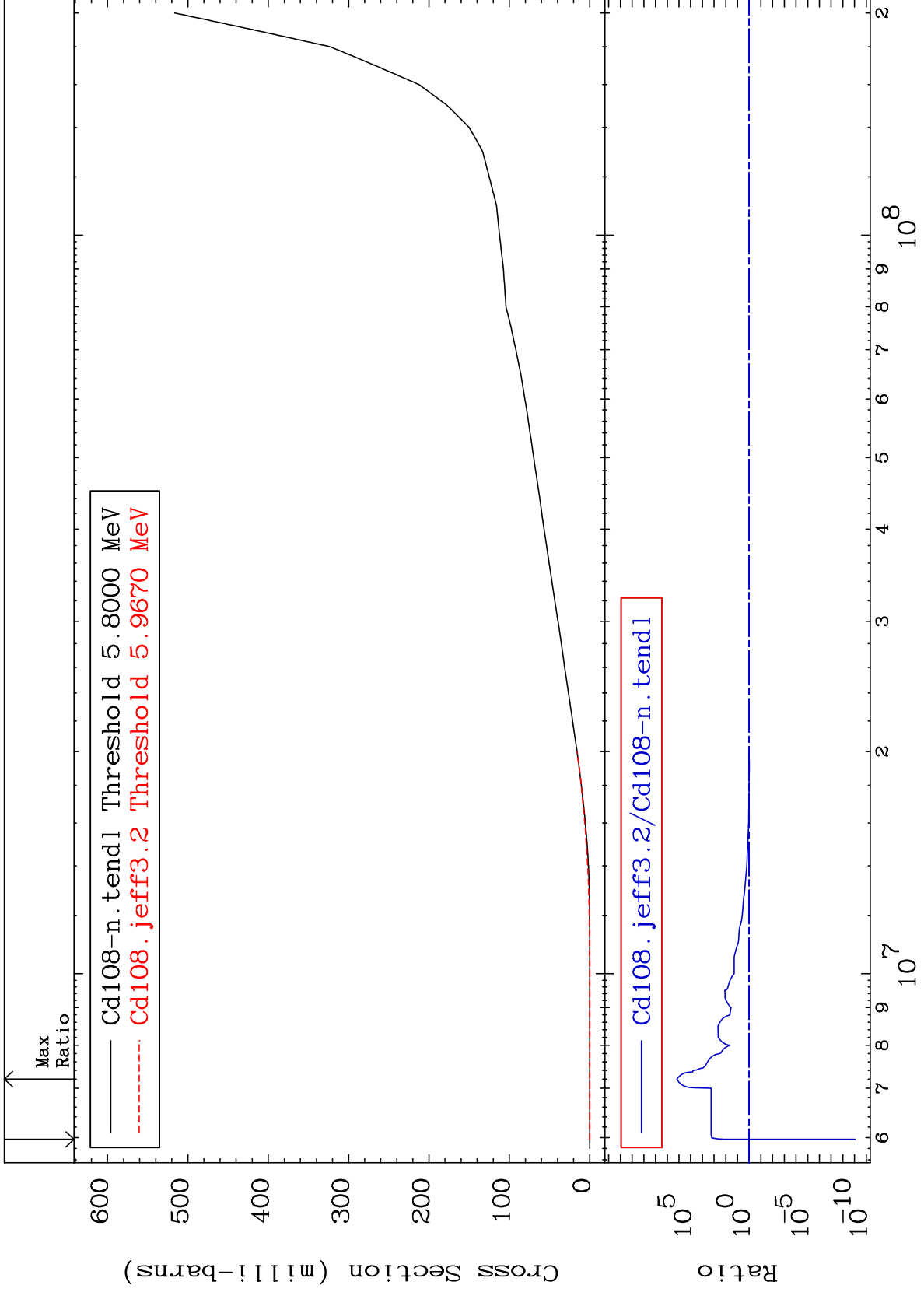
Incident Energy (eV)

48-Cd-108

MAT 4831

Deuterium Production
Cross Section

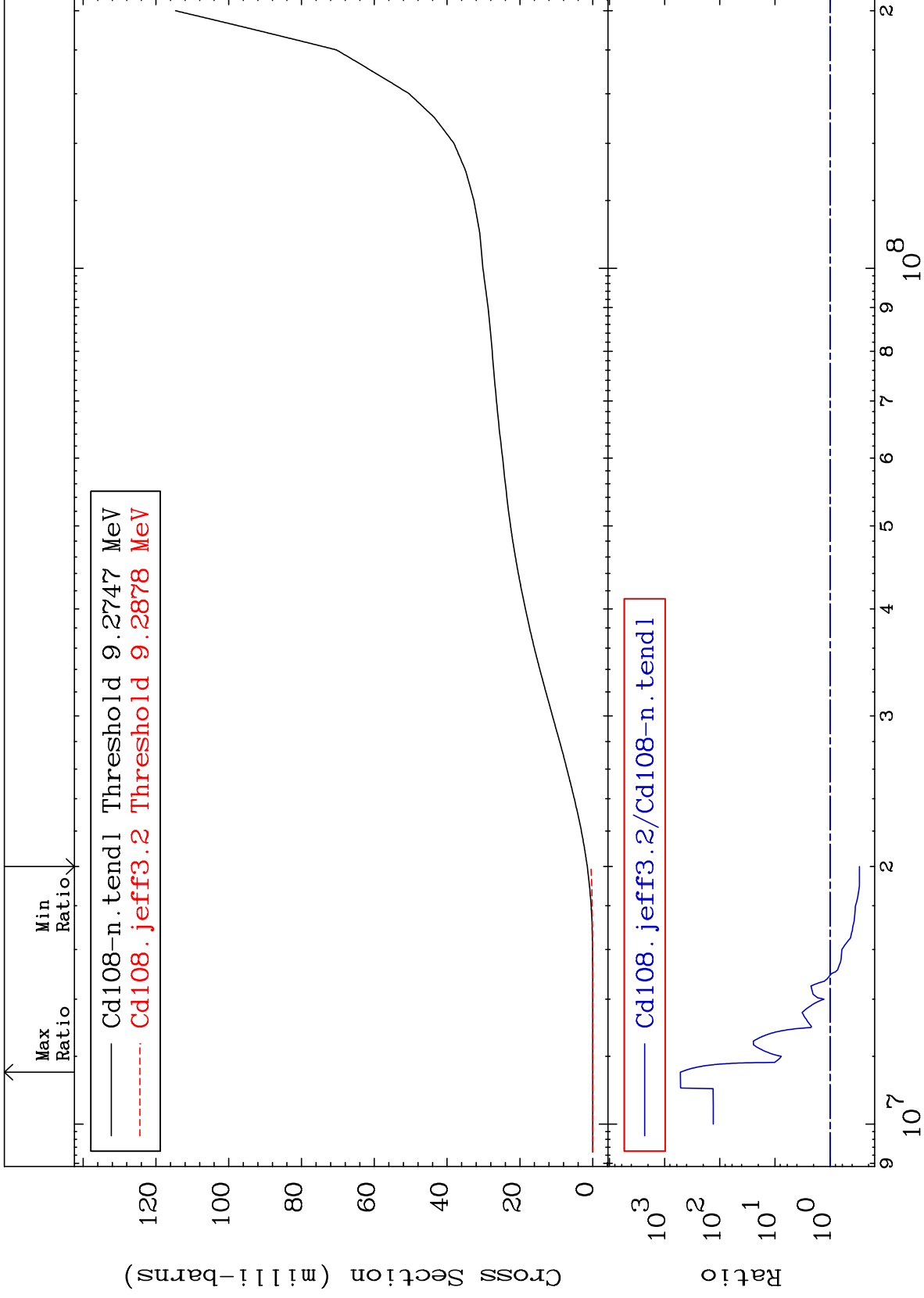
48-Cd-108
-100.0 To 9999. %



MAT 4831

Tritium Production
Cross Section

48-Cd-108
-70.58 To 9999. %



29

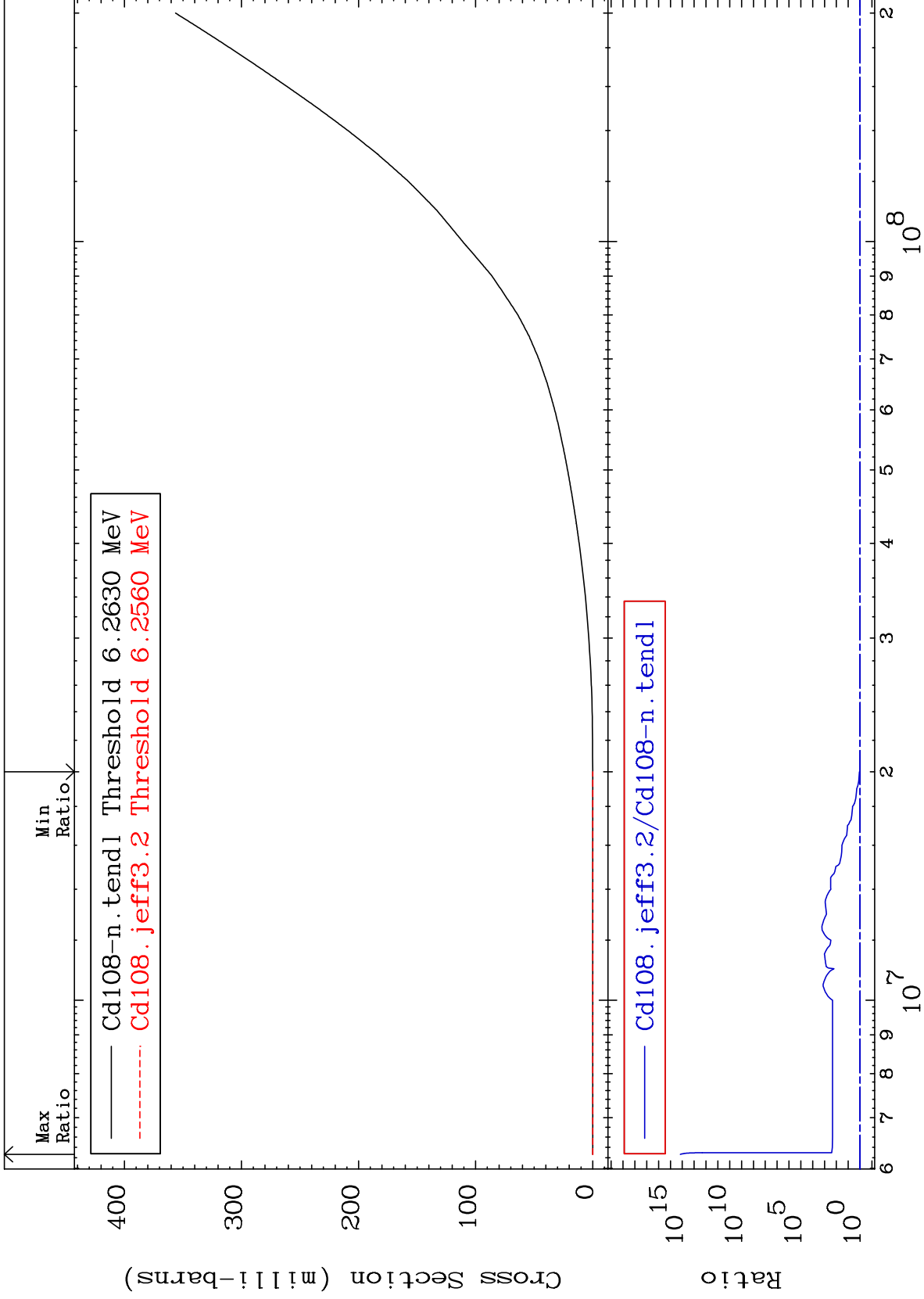
Incident Energy (eV)

48-Cd-108

MAT 4831

He-3 Production
Cross Section

48-Cd-108
13.52 To 9999. %



30

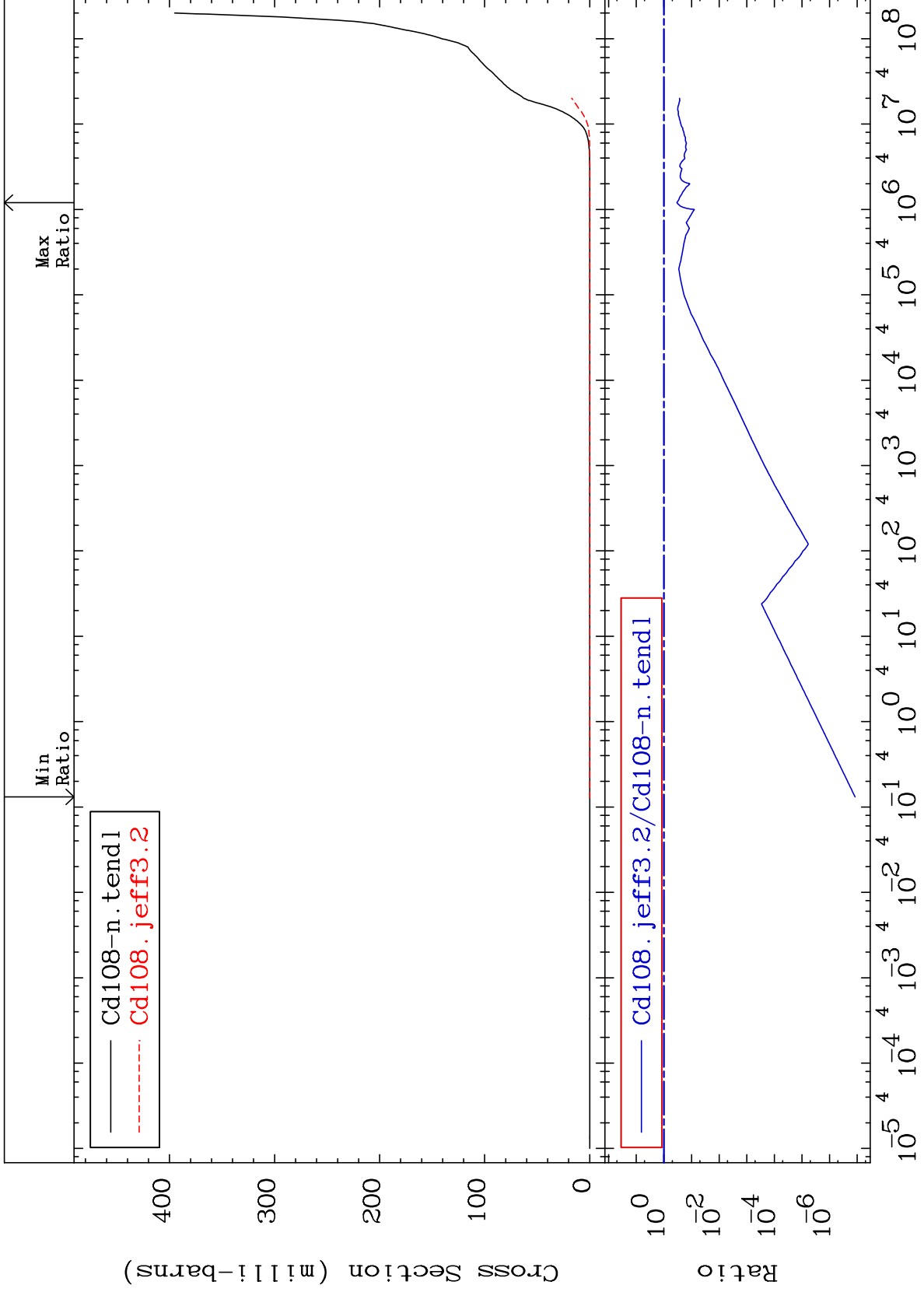
Incident Energy (eV)

48-Cd-108

MAT 4831

He-4 Production
Cross Section

48-Cd-108
-100.0 To -66.21%



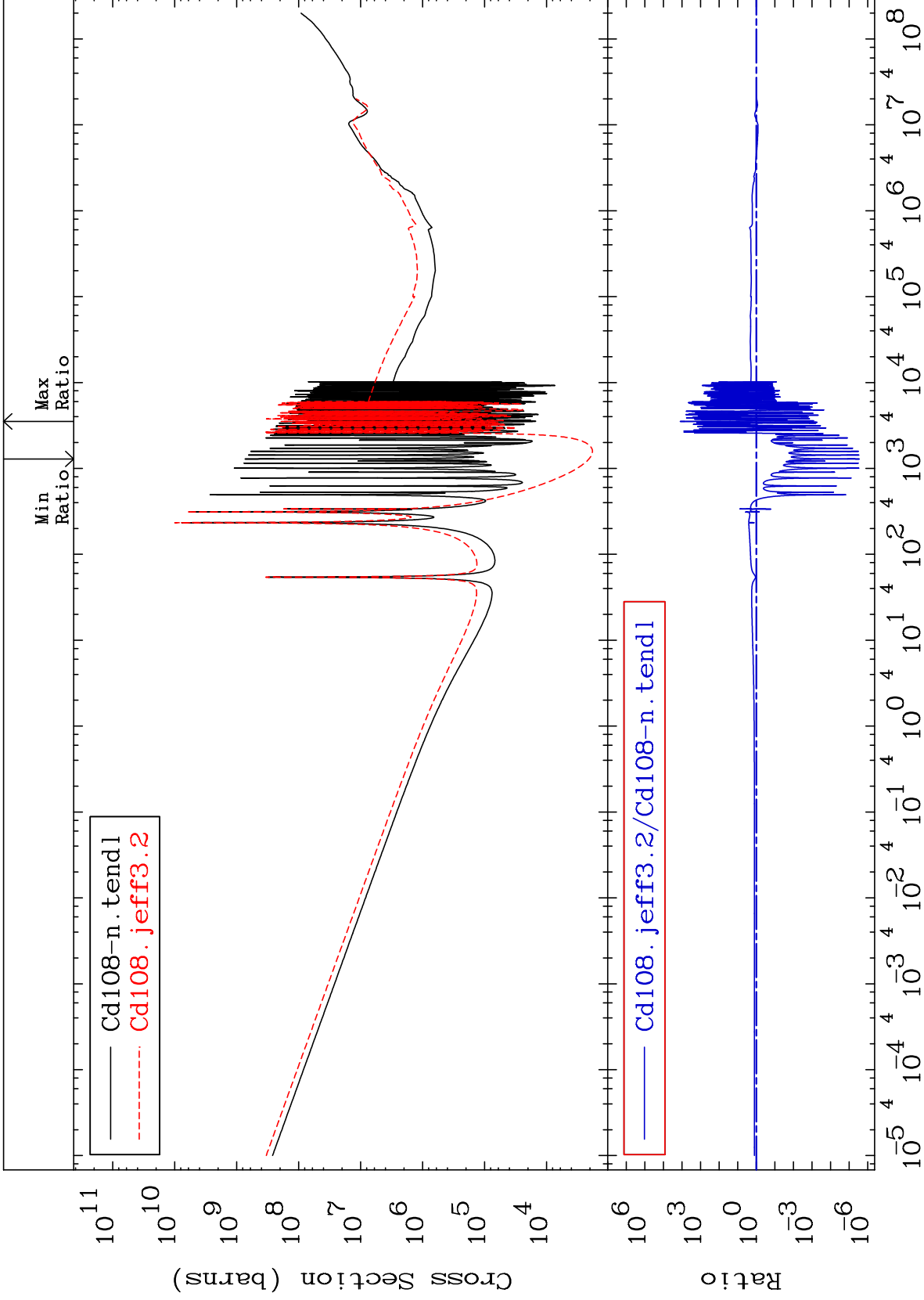
MAT 4831

Kerma total (eV-barns)

48-Cd-108

Cross Section

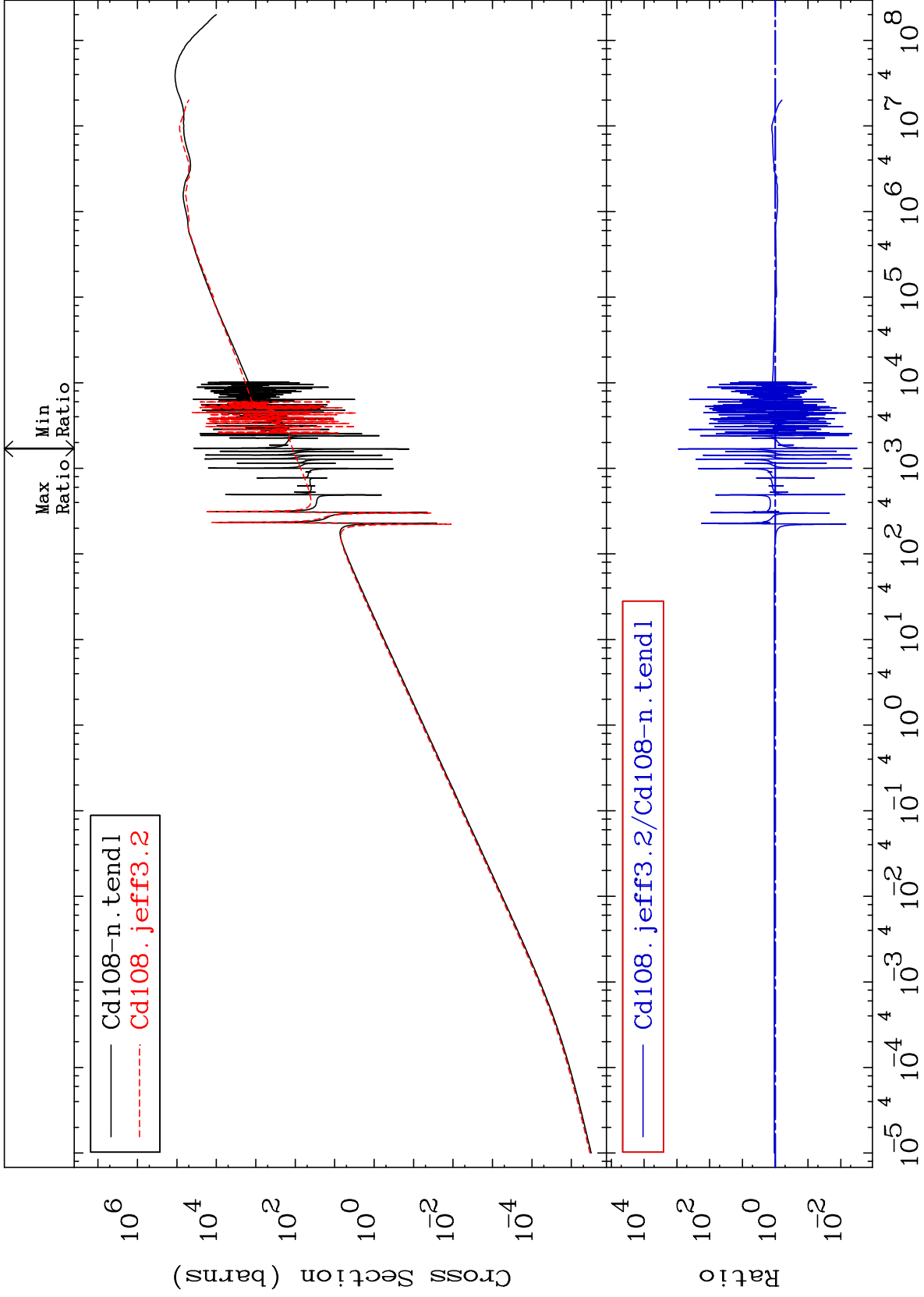
-100.0 To 9999. %

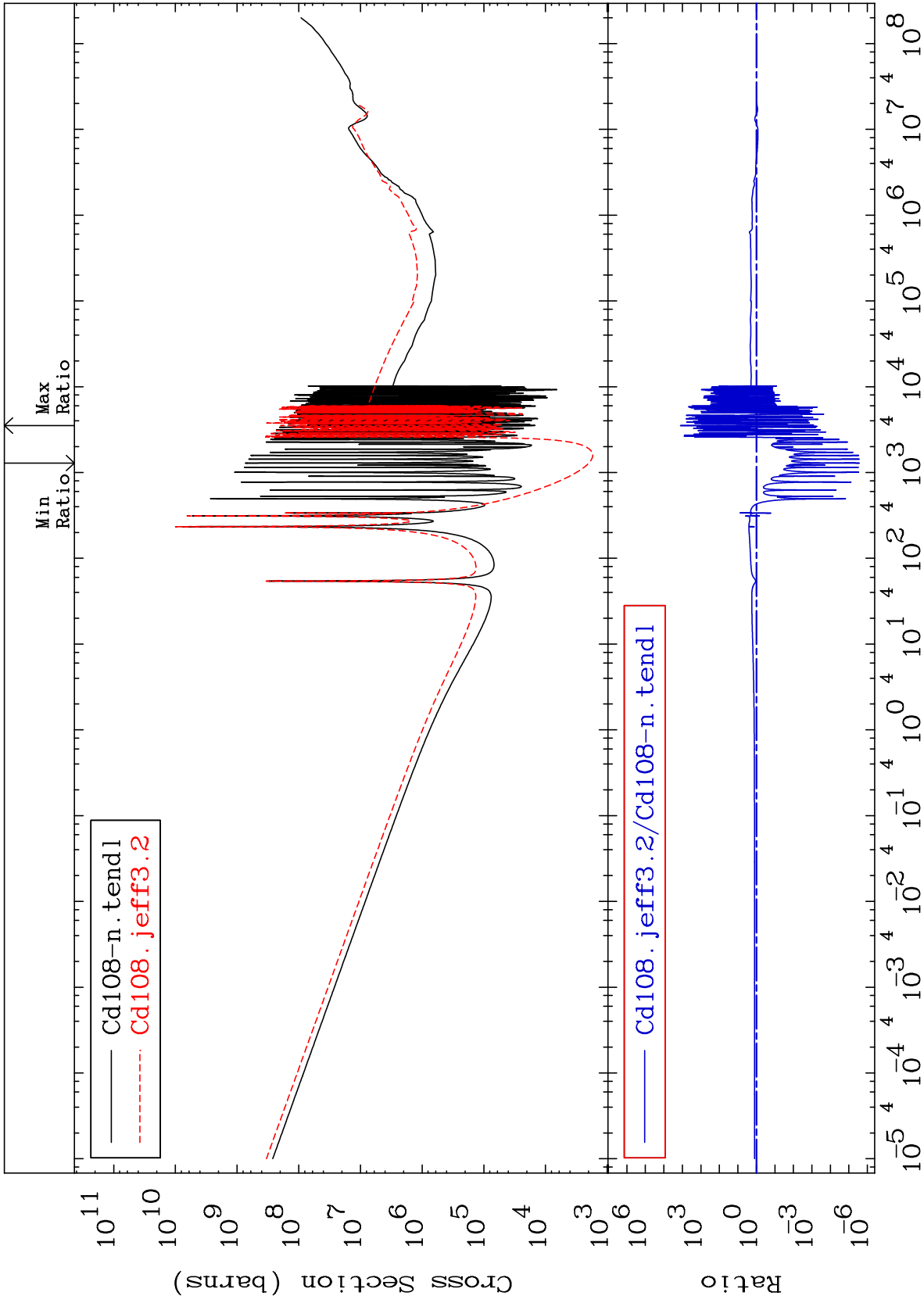


MAT 4831

Kerma elastic
Cross Section

48-Cd-108
-99.69 To 9999. %

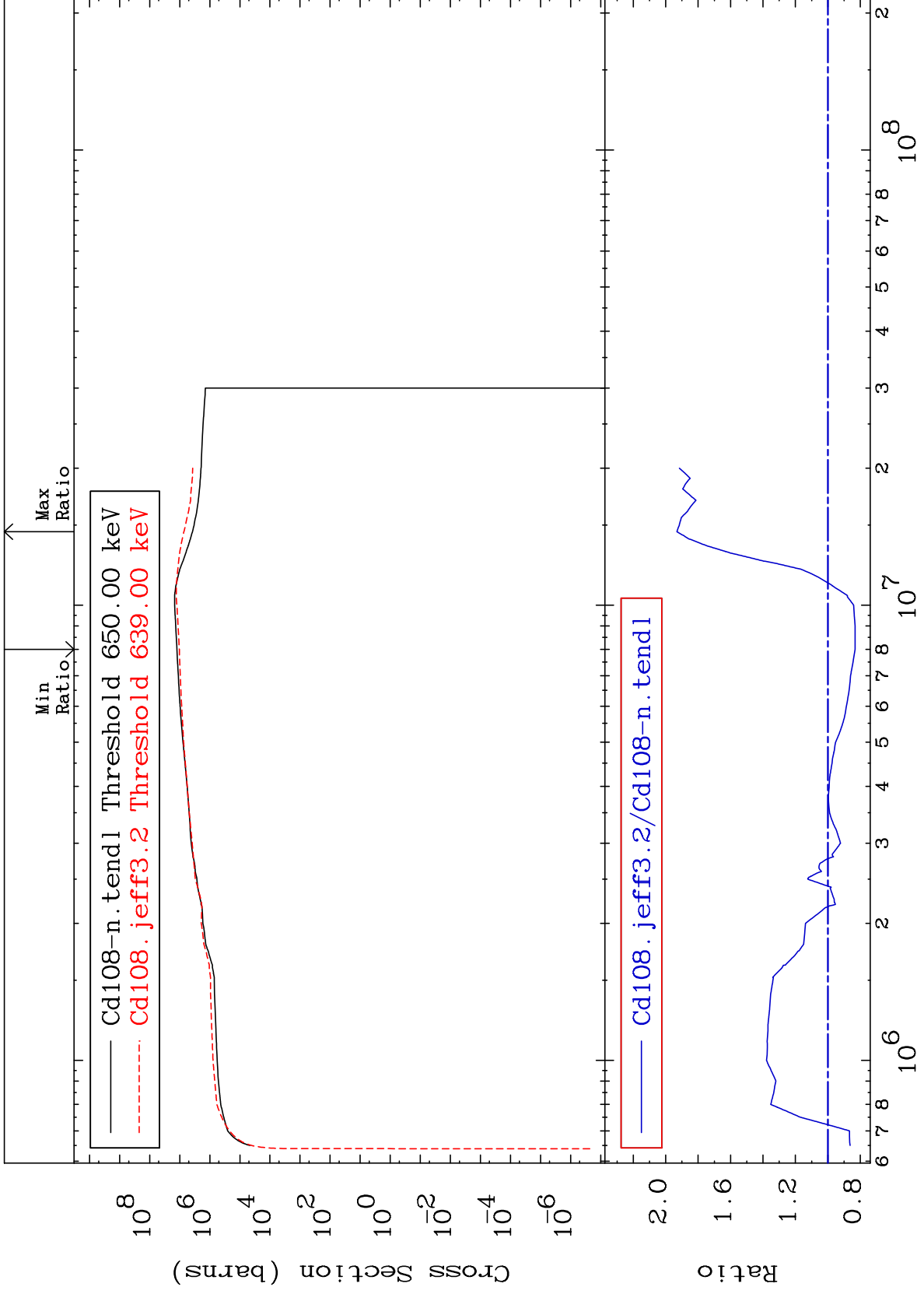




MAT 4831

Kerma inelastic (mt51-91)
Cross Section

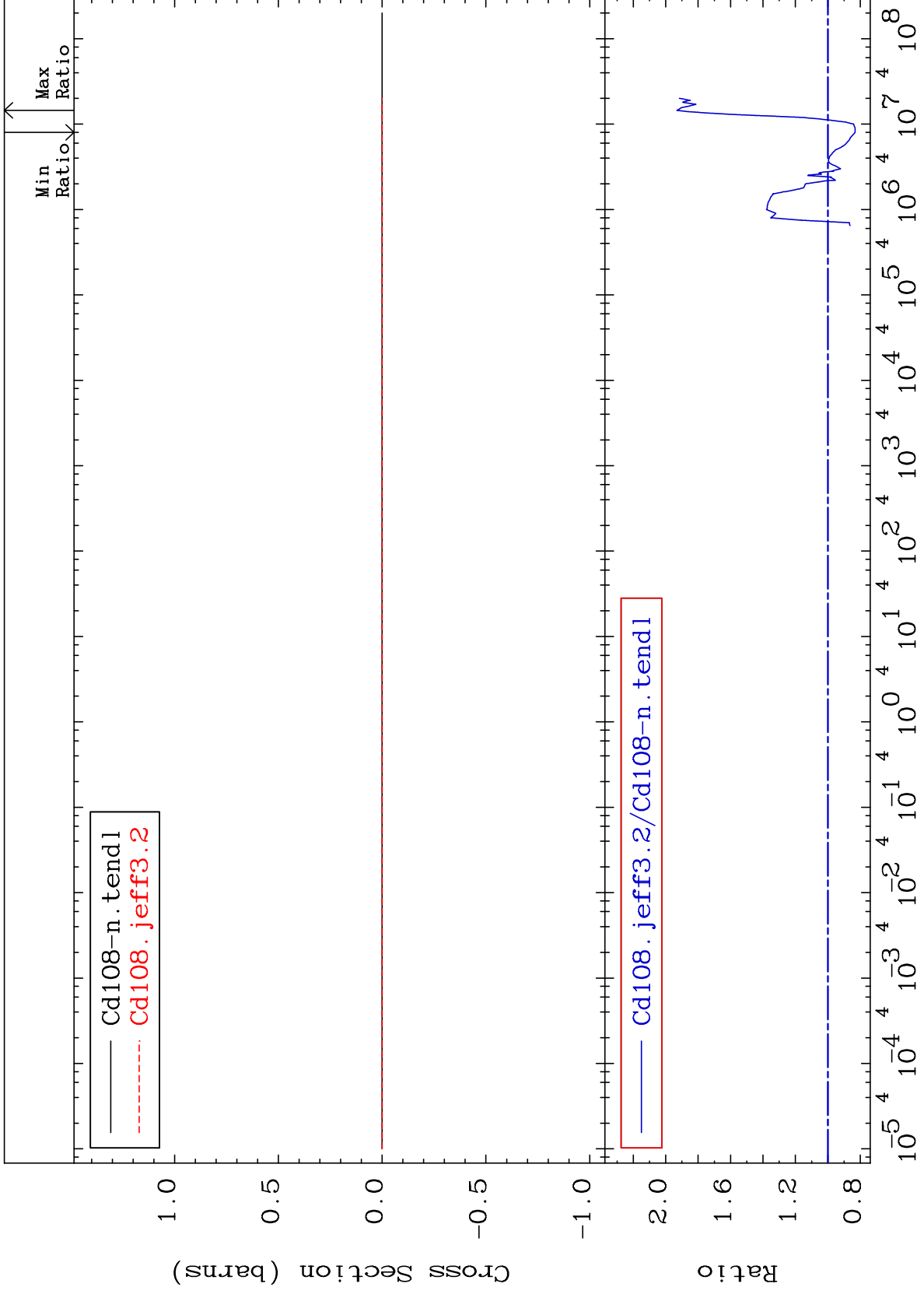
48-Cd-108
-16.81 To 93.08 %



MAT 4831

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

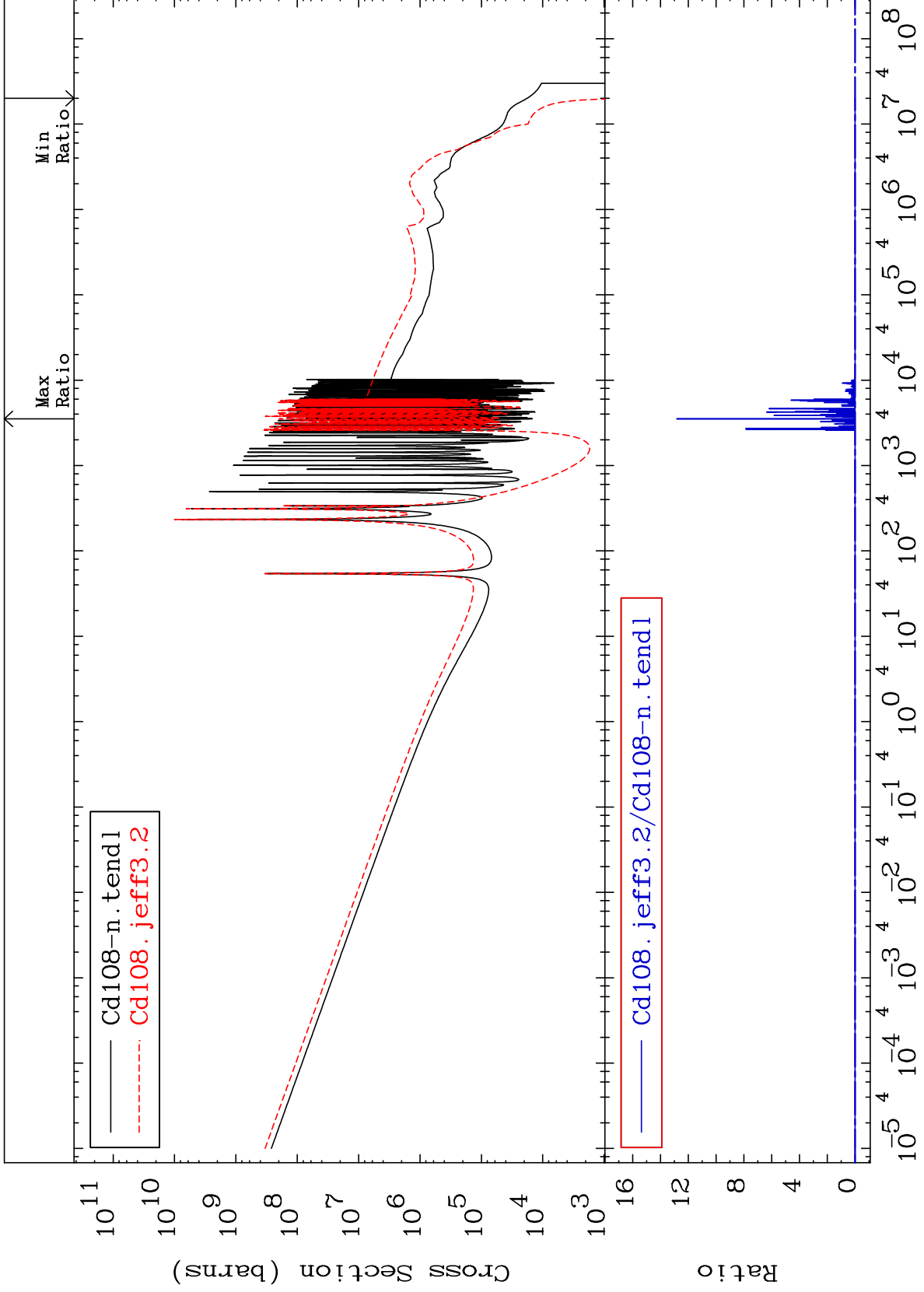
48-Cd-108
-16.81 To 93.08 %



MAT 4831

Kerma capture (mt102)
Cross Section

48-Cd-108
-100.0 To 9999. %



37

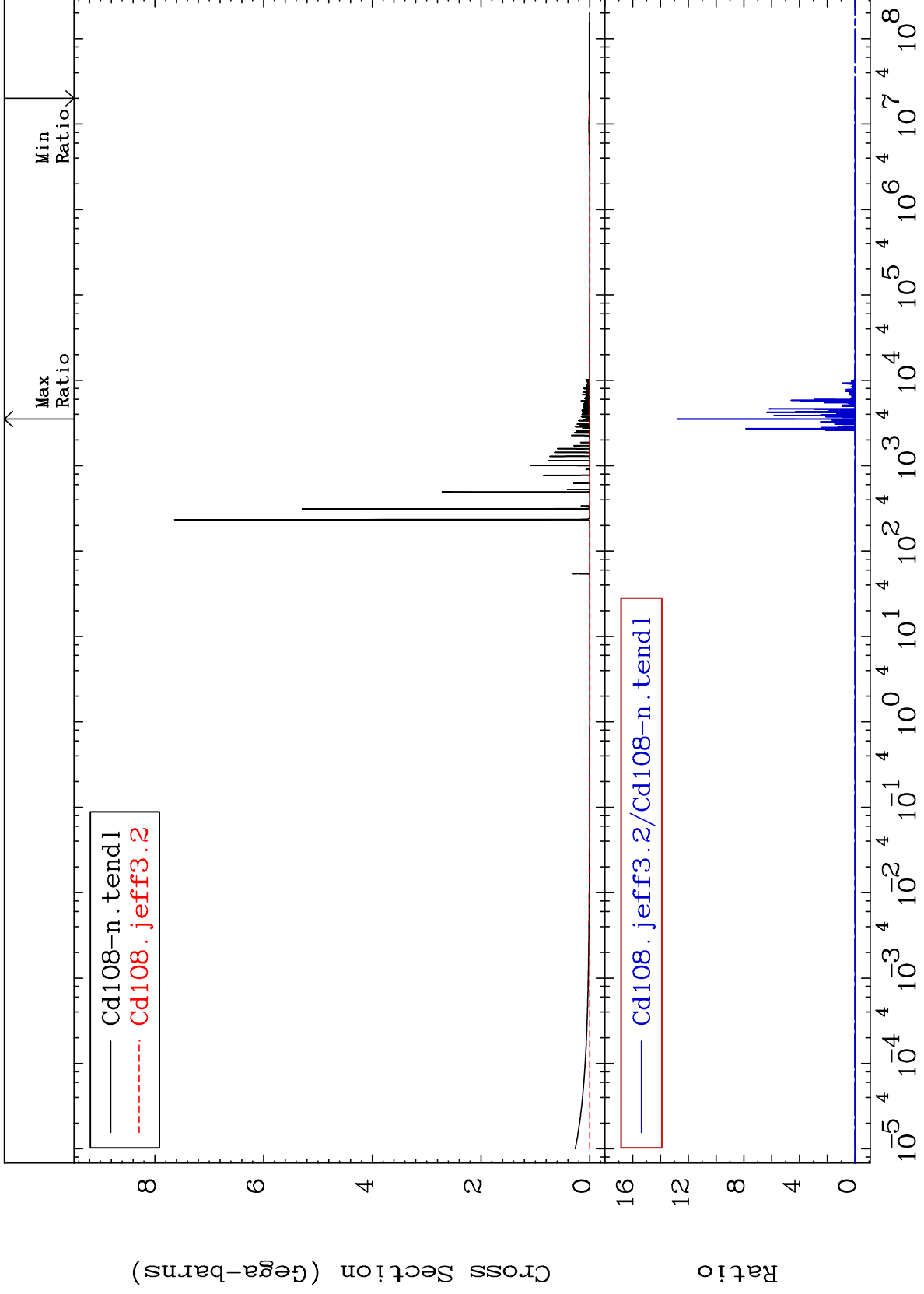
Incident Energy (eV)

48-Cd-108

MAT 4831

Total photon (eV-barns)
Cross Section

48-Cd-108
-100.0 To 9999. %



38

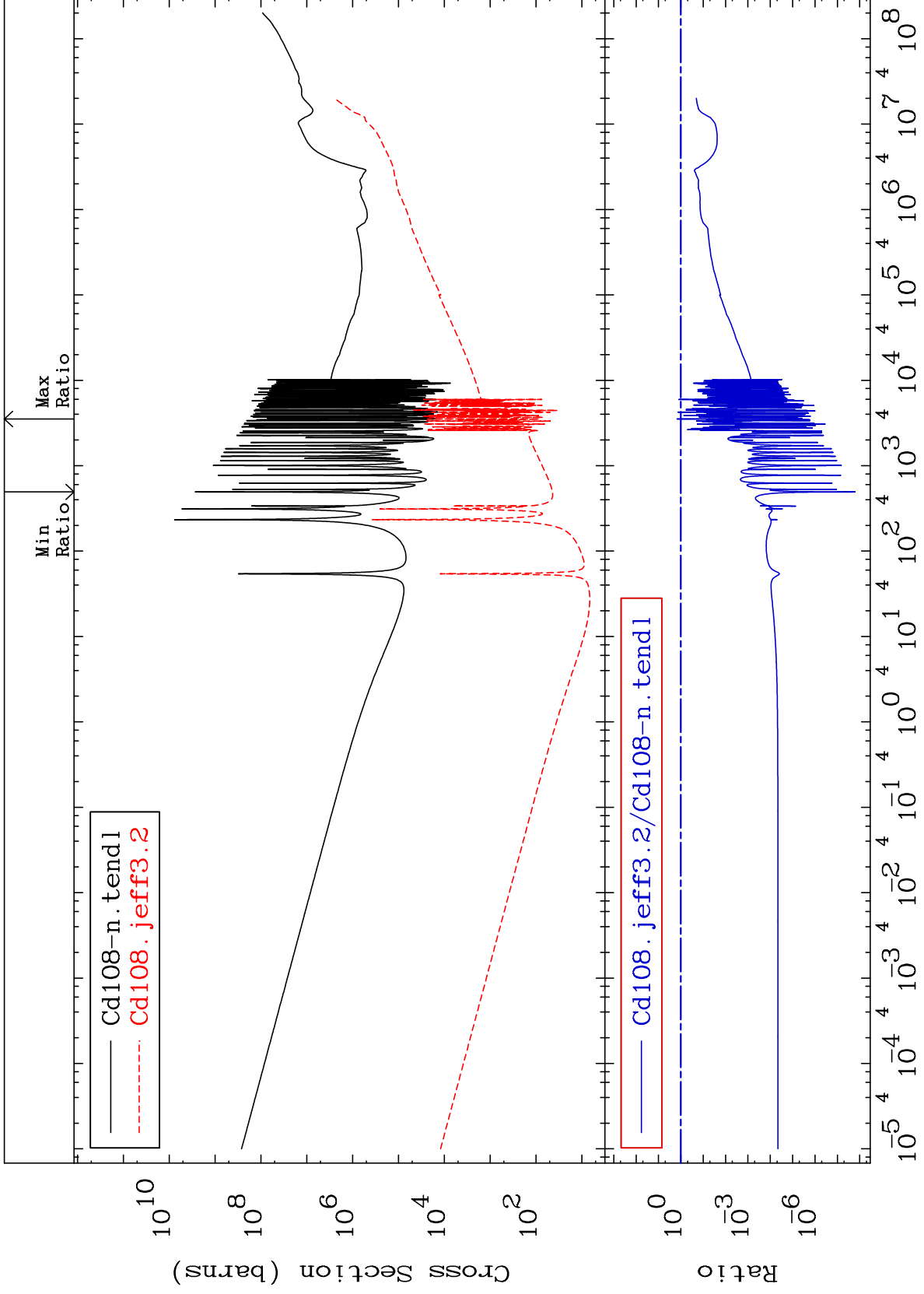
Incident Energy (eV)

48-Cd-108

MAT 4831

Total kinematic kerma (high limit)
Cross Section

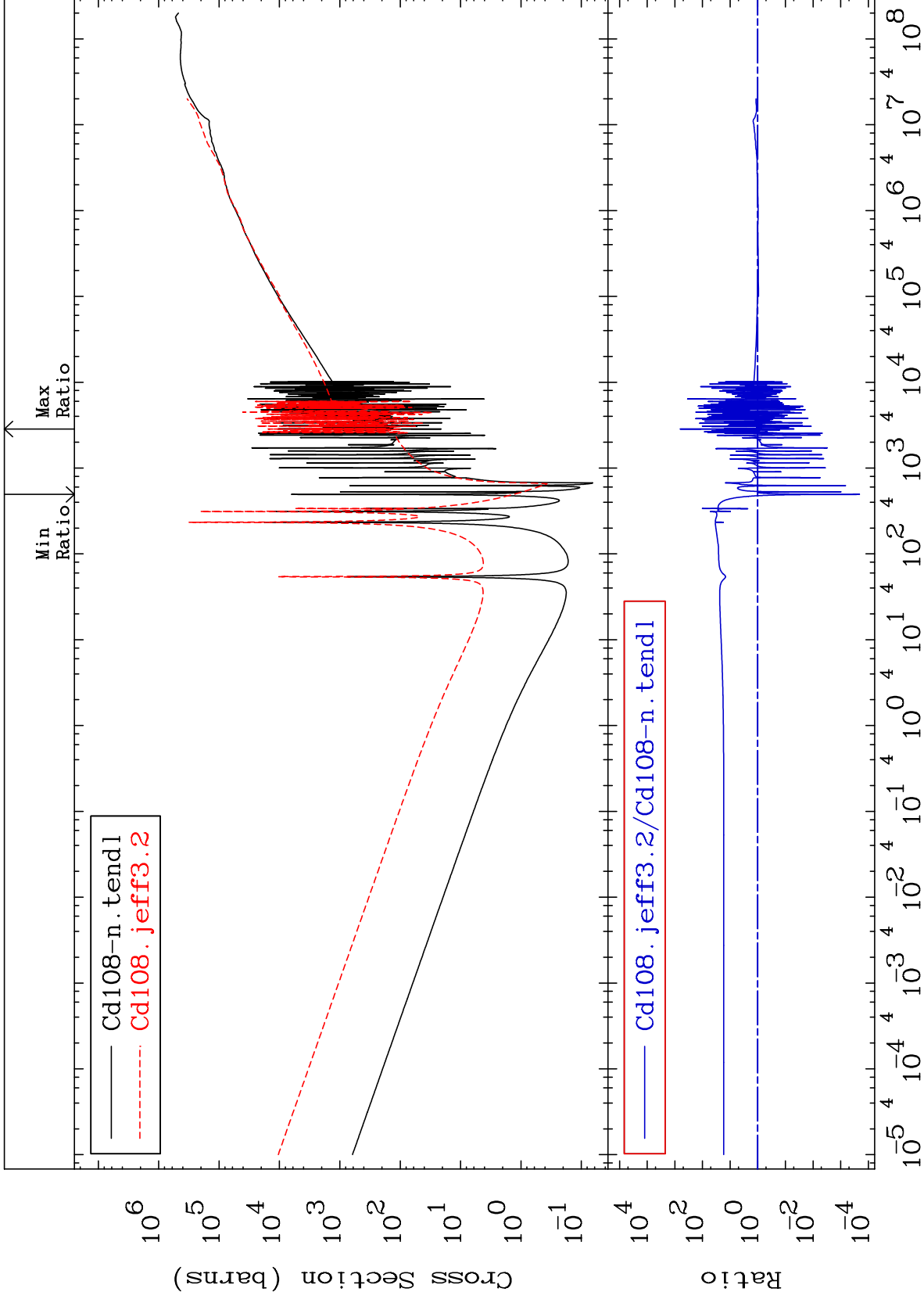
48-Cd-108
-100.0 To 49.95 %



MAT 4831

Dpa total (eV-barns)
Cross Section

48-Cd-108
-99.98 To 9999. %



Incident Energy (eV)

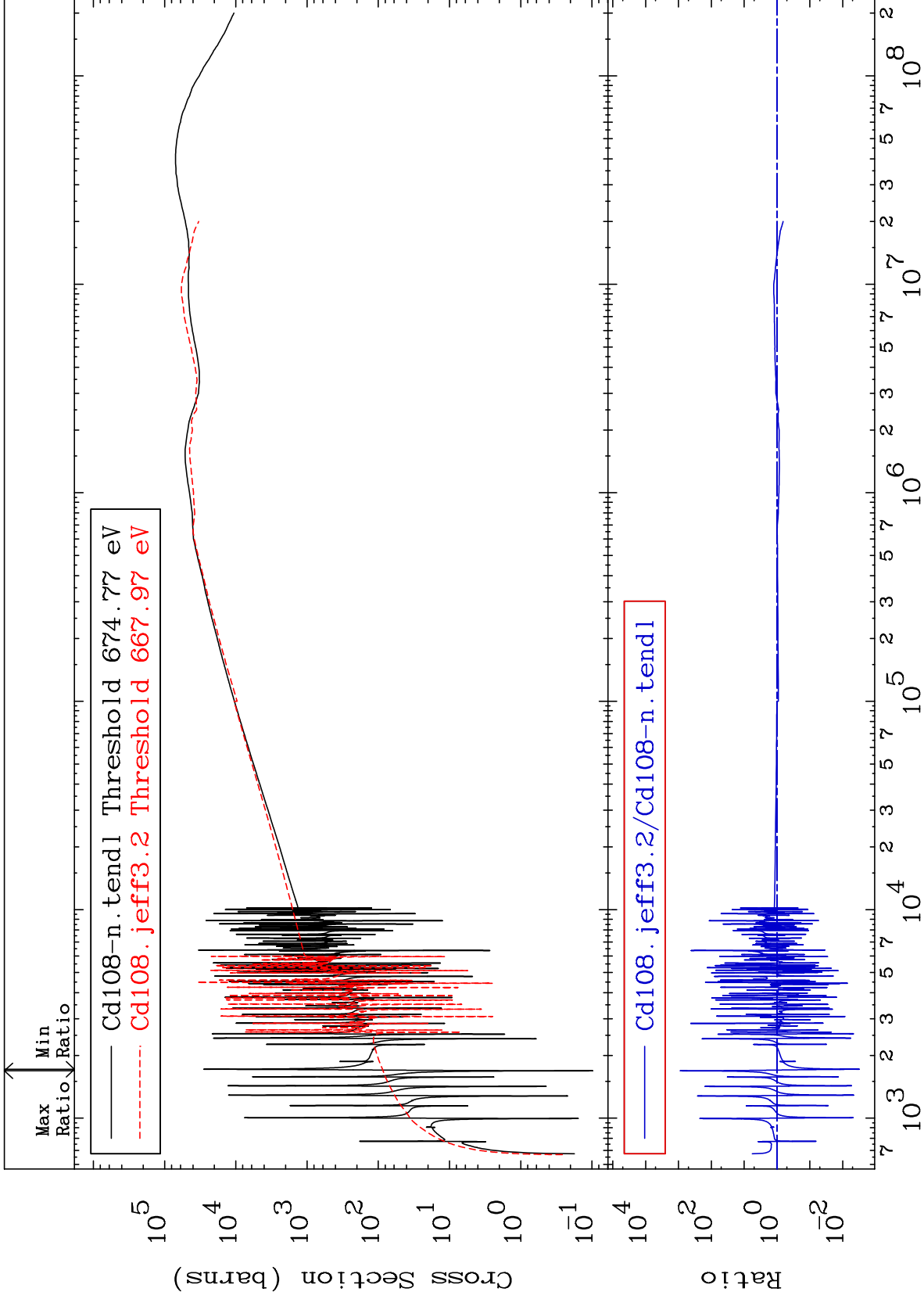
48-Cd-108

40

MAT 4831

Dpa elastic (mt2)
Cross Section

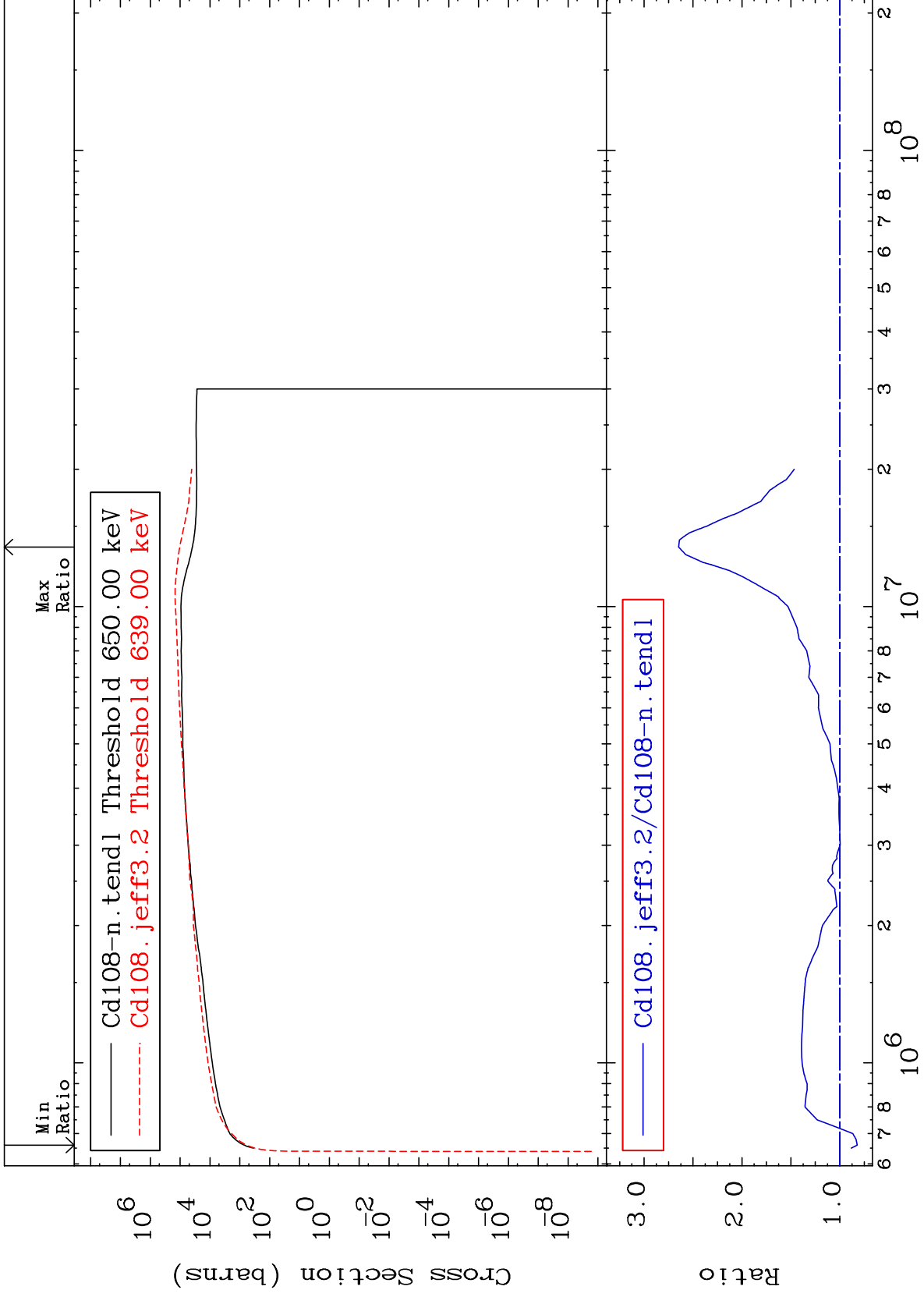
48-Cd-108
-99.69 To 9999. %



MAT 4831

Dpa inelastic (mt51-91)
Cross Section

48-Cd-108
-17.86 To 164.7 %



42

Incident Energy (eV)

48-Cd-108

