

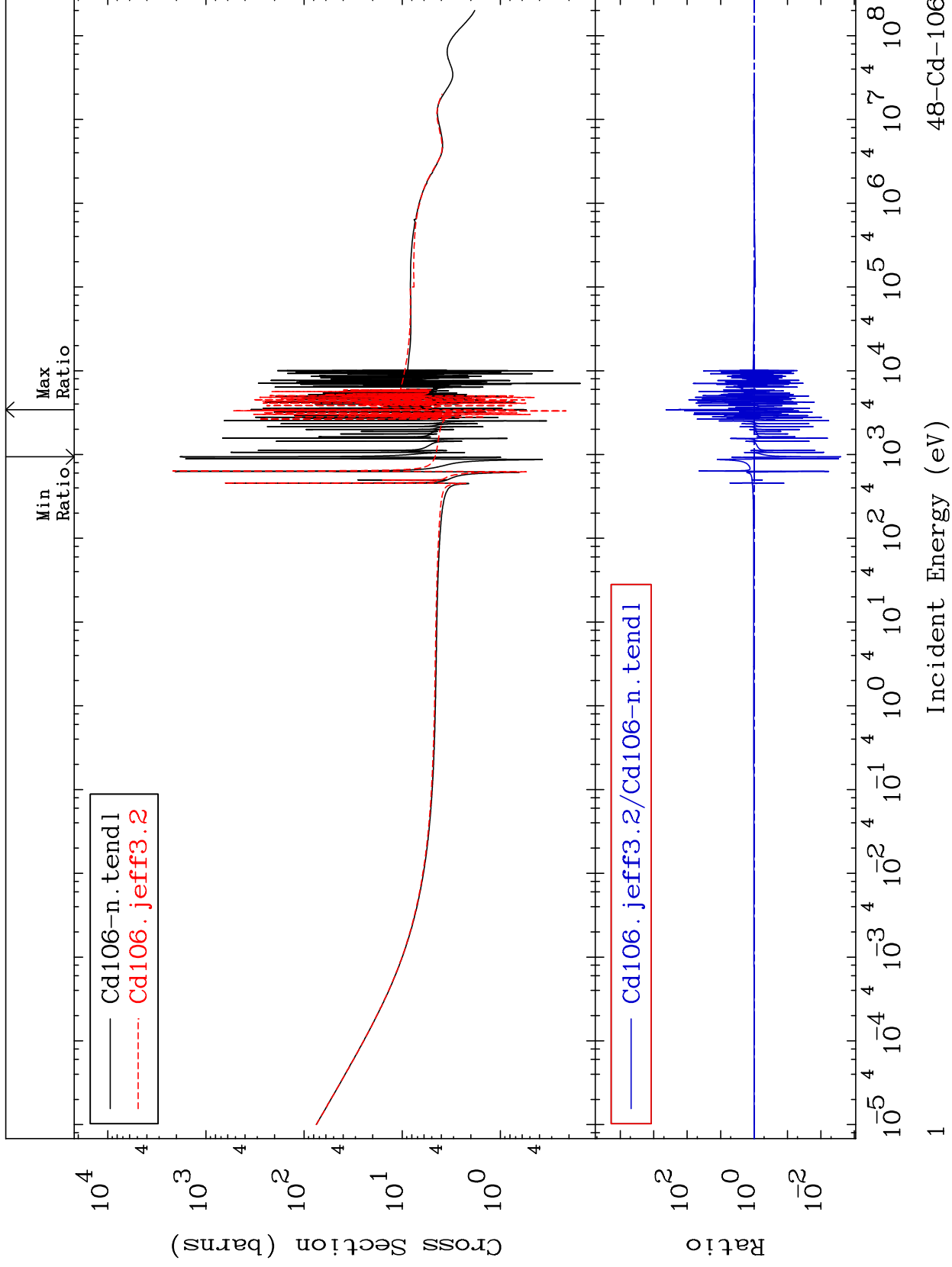
MAT 4825

Total

48-Cd-106

Cross Section

-99.75 To 9999. %



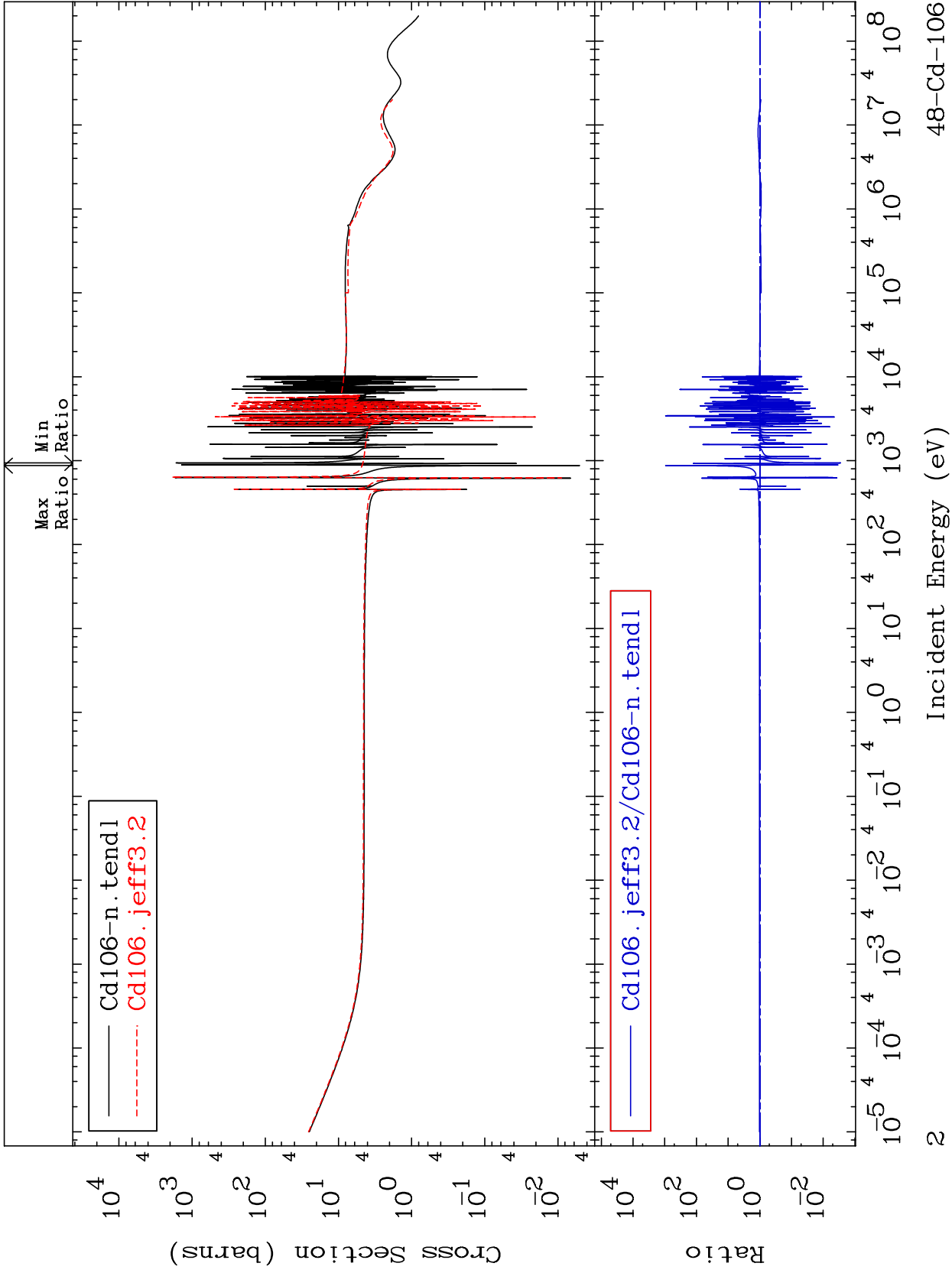
Incident Energy (eV)

48-Cd-106

MAT 4825

Elastic
Cross Section

48-Cd-106
-99.72 To 9999. %



2

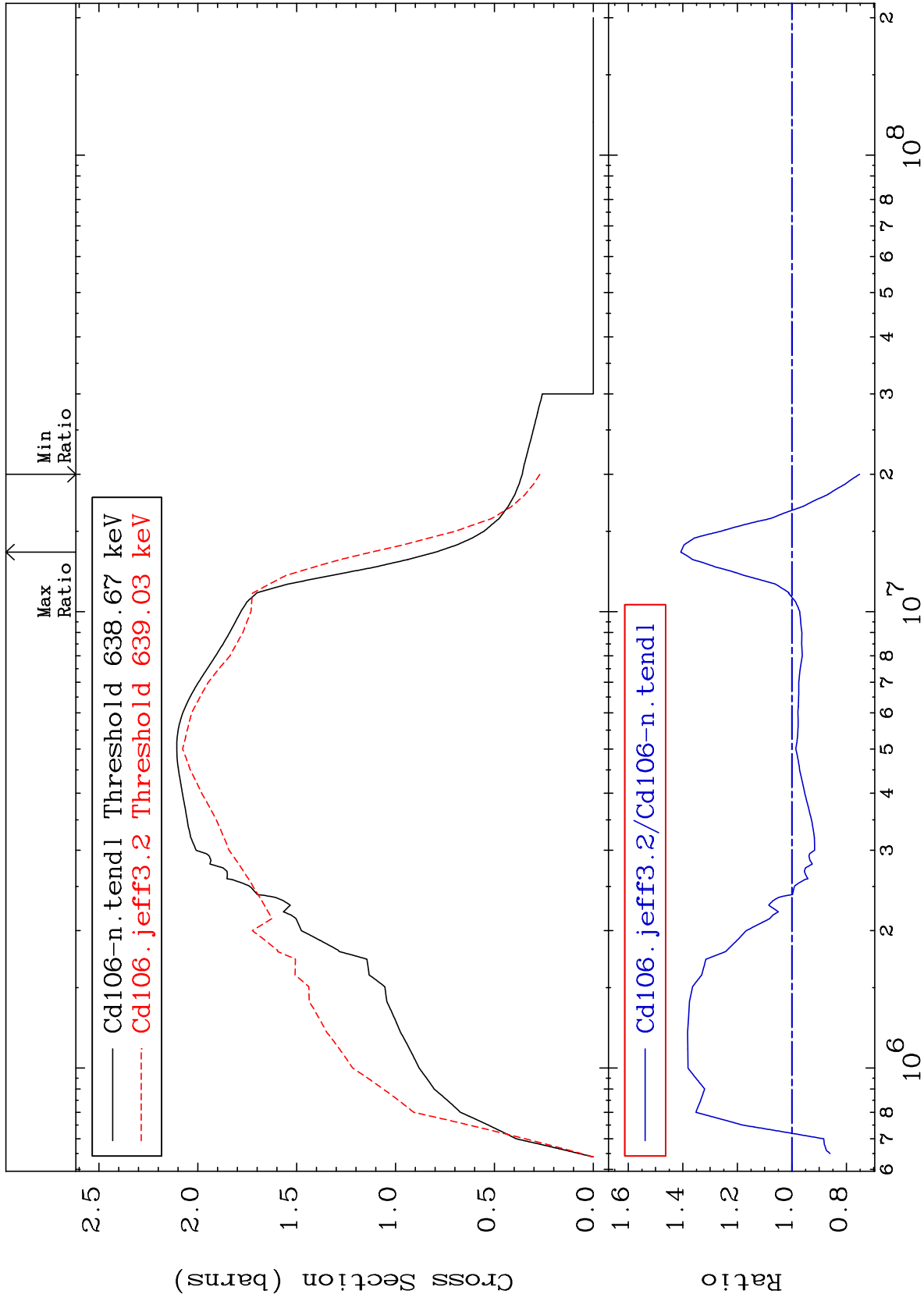
Incident Energy (eV)

48-Cd-106

MAT 4825

Inelastic
Cross Section

48-Cd-106
-24.80 To 40.78 %



3

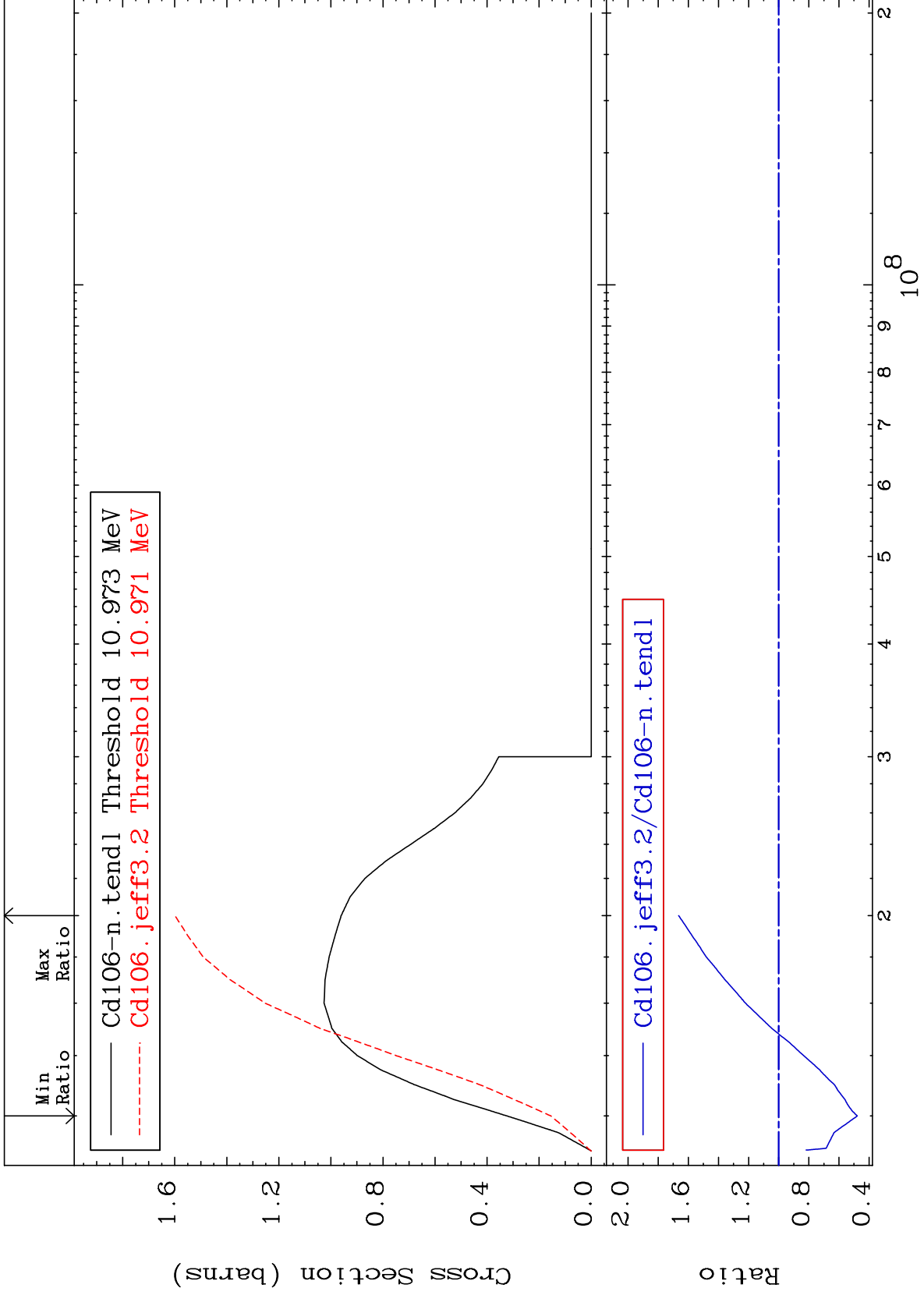
Incident Energy (eV)

48-Cd-106

MAT 4825

(n,2n)
Cross Section

48-Cd-106
-52.14 To 66.44 %

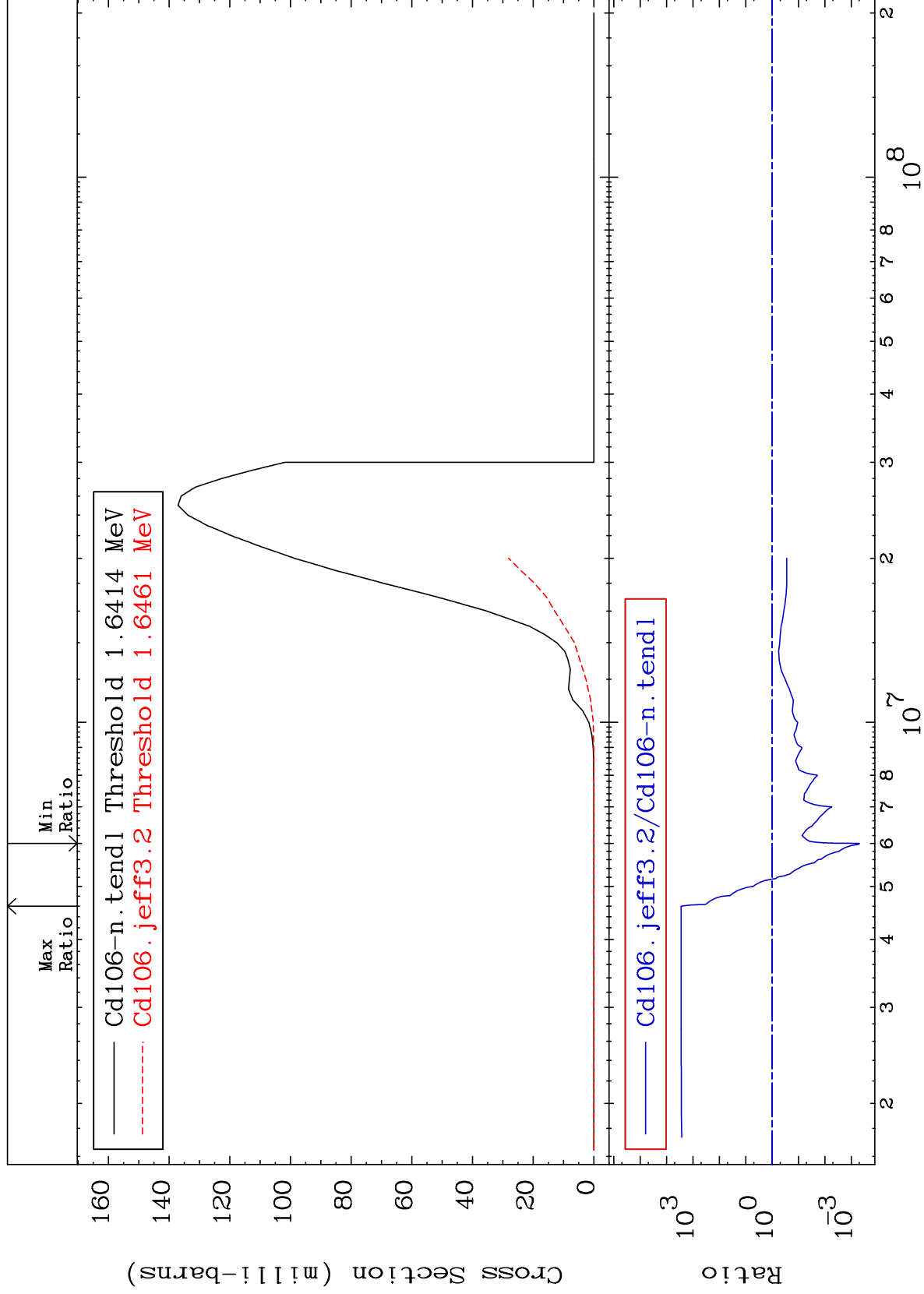


MAT 4825

(n,n') α
Cross Section

48-Cd-106

-99.95 To 9999. %



5

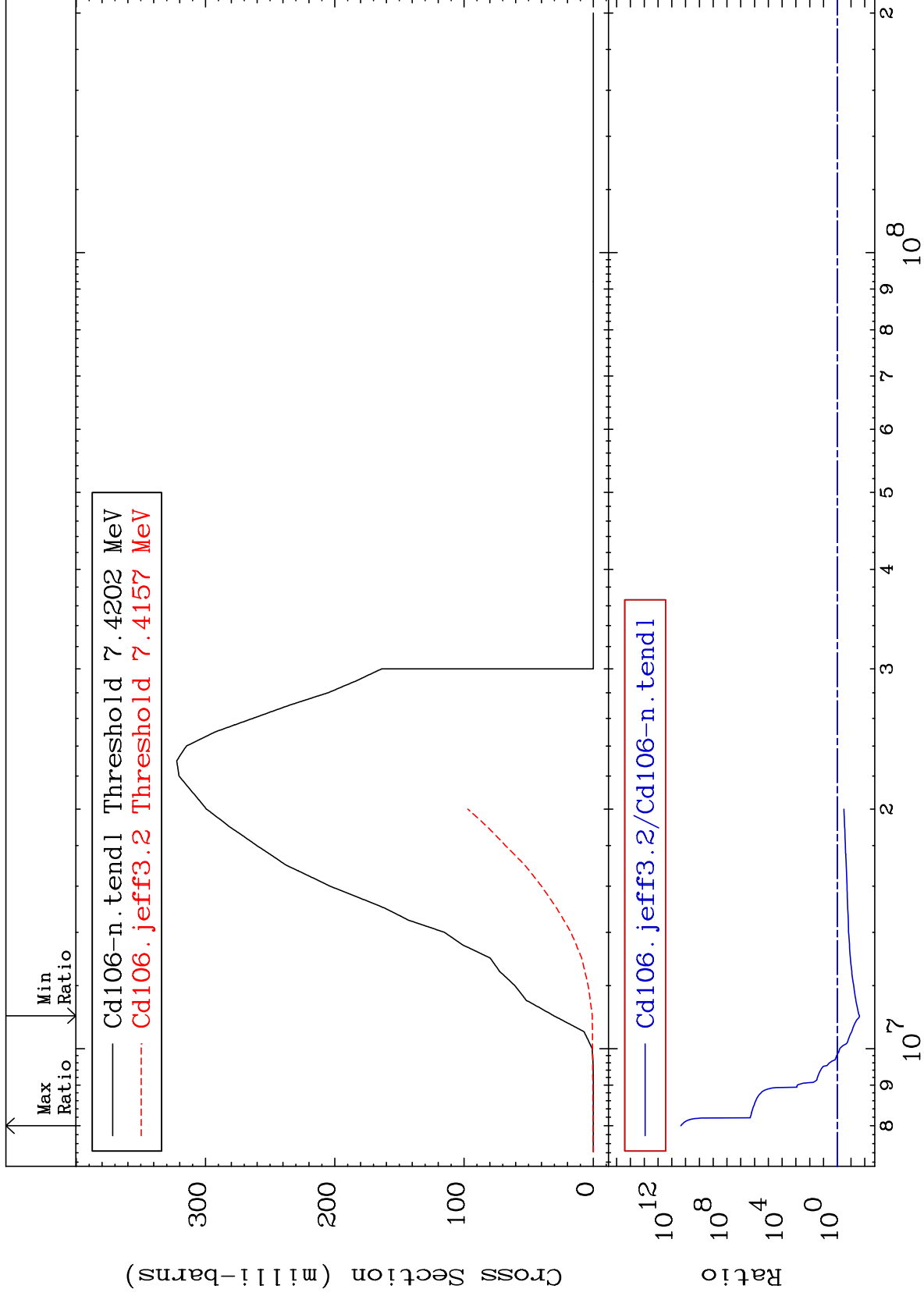
Incident Energy (eV)

48-Cd-106

MAT 4825

(n,n') p
Cross Section

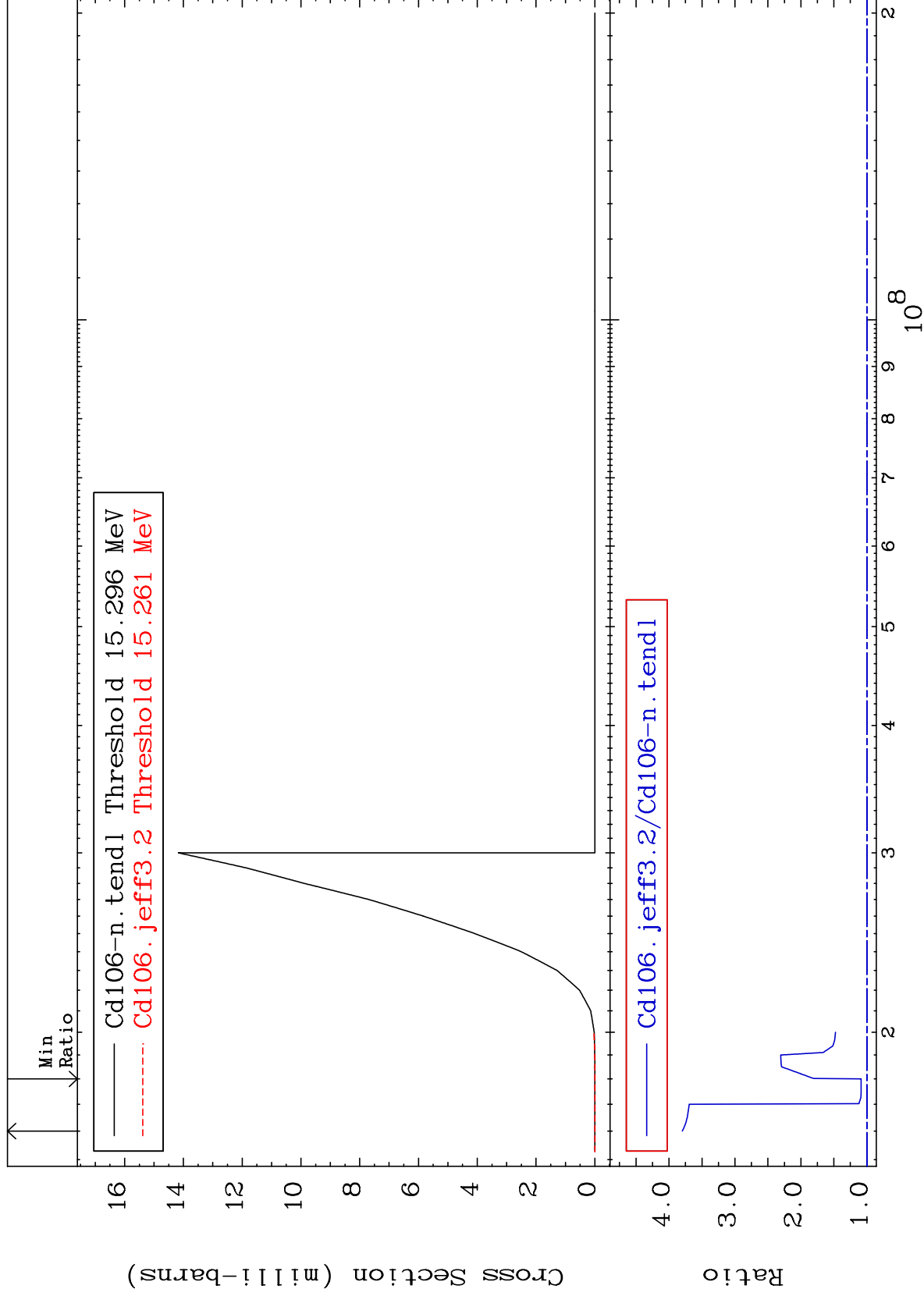
48-Cd-106
-97.58 To 9999. %



MAT 4825

(n,n') d
Cross Section

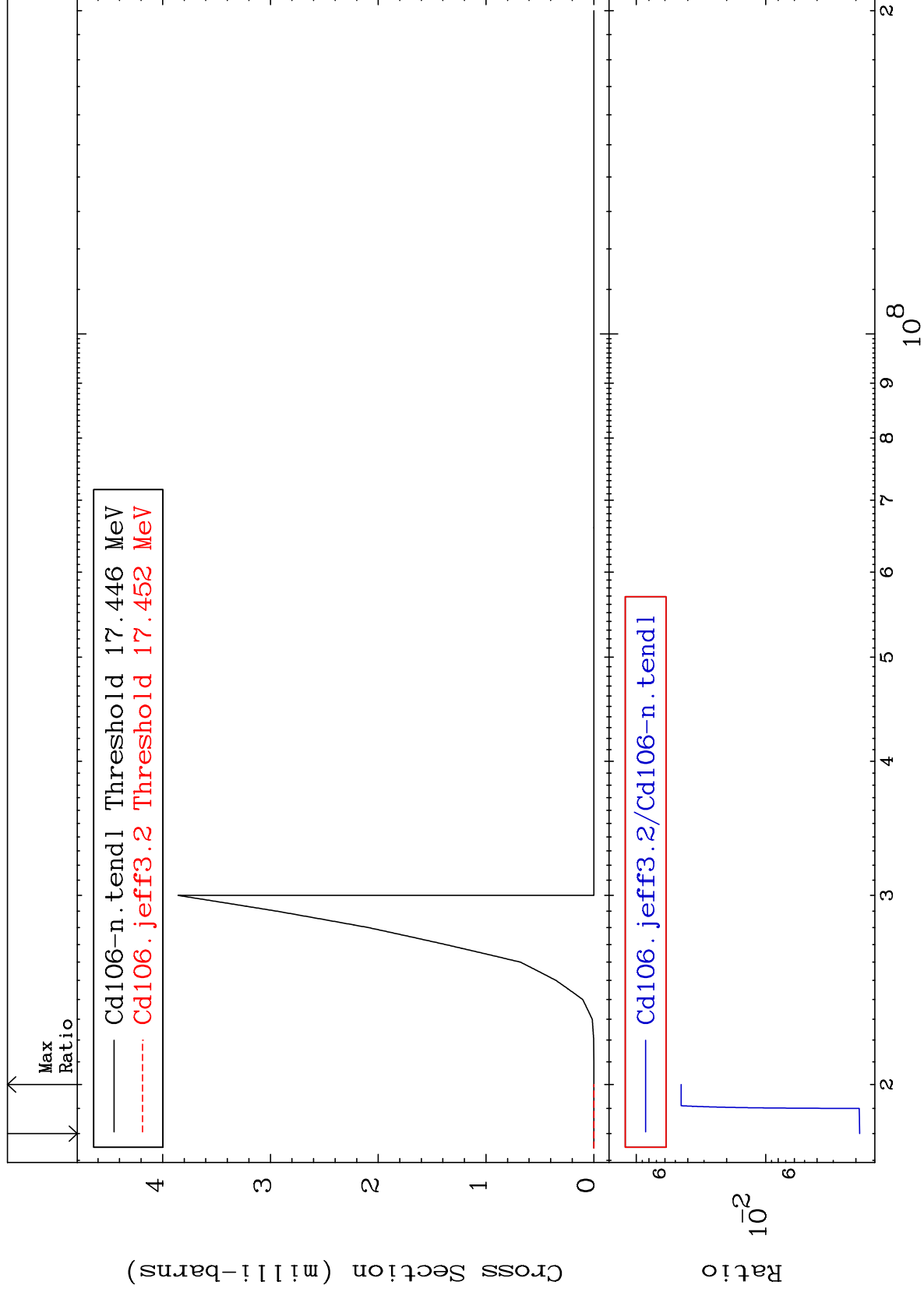
48-Cd-106
8.736 To 279.8 %



MAT 4825

(n,n') t
Cross Section

48-Cd-106
-99.81 To -95.50%



8

Incident Energy (eV)

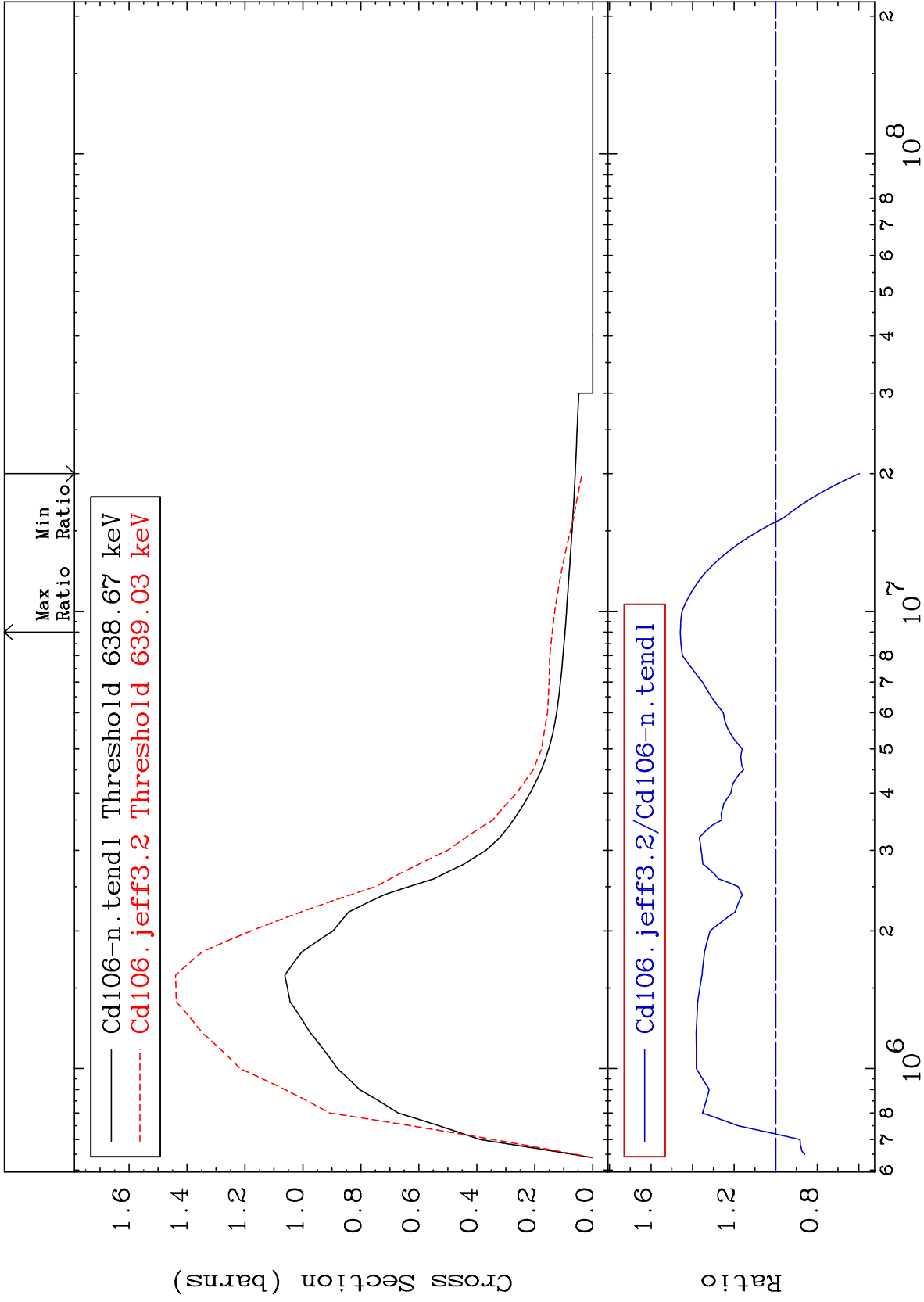
48-Cd-106

MAT 4825

632.6 keV (n,n') Level

48-Cd-106

-40.30 To 45.89 %



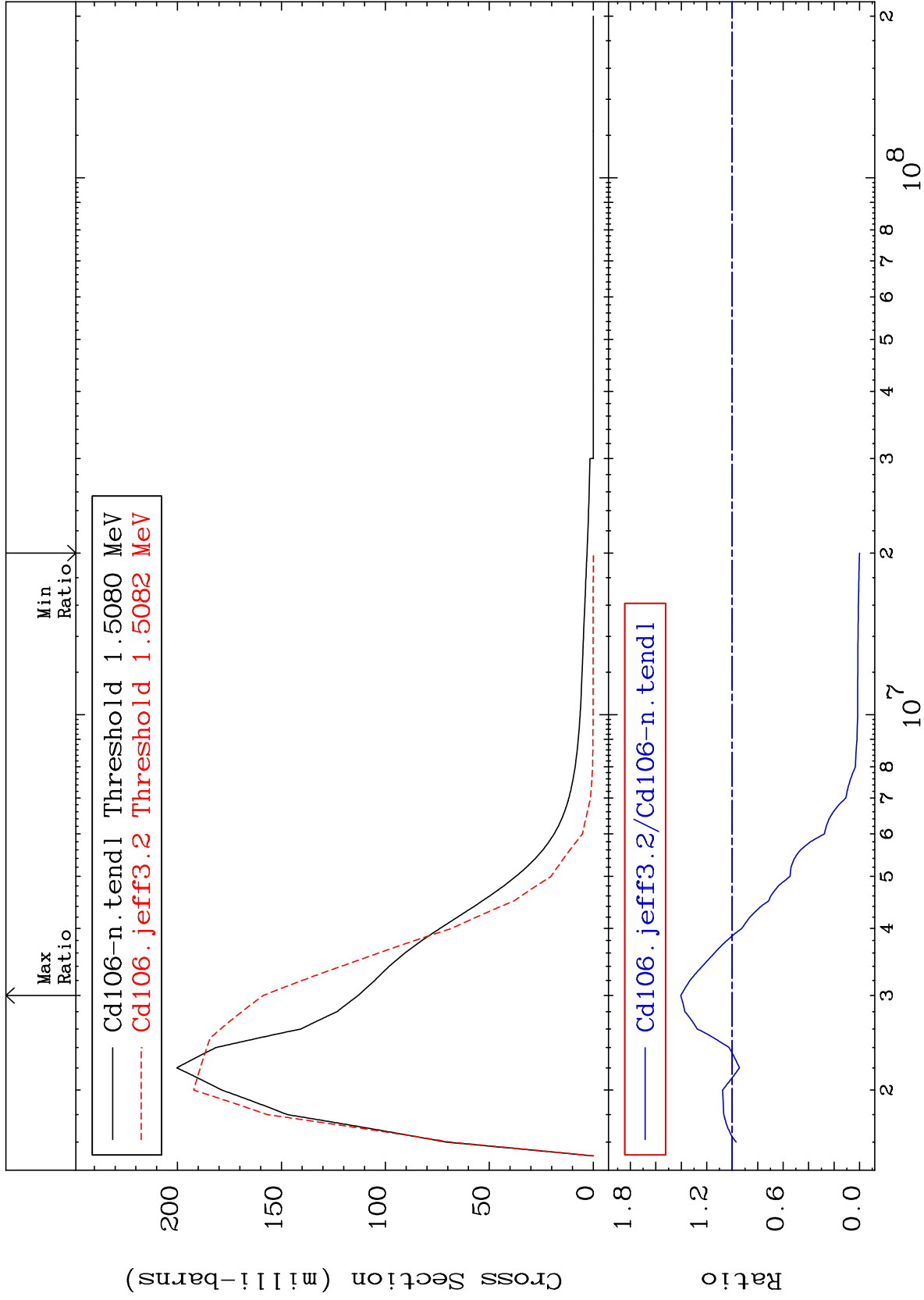
MAT 4825

1.494 MeV (n,n') Level

48-Cd-106

-100.0 To 40.41 %

Cross Section



10

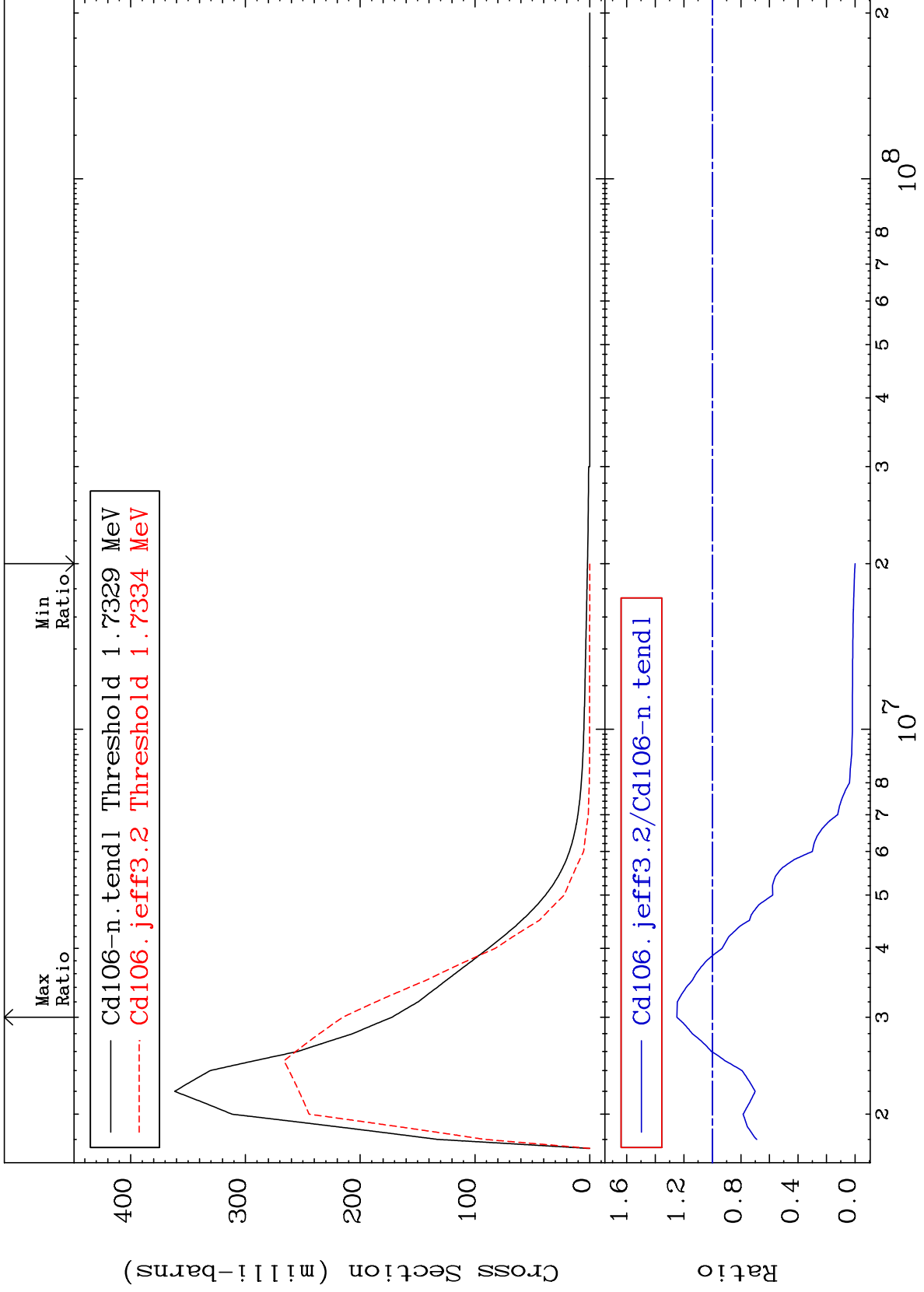
Incident Energy (eV)

48-Cd-106

MAT 4825

1.717 MeV (n,n') Level
Cross Section

48-Cd-106
-100.0 To 24.86 %



11

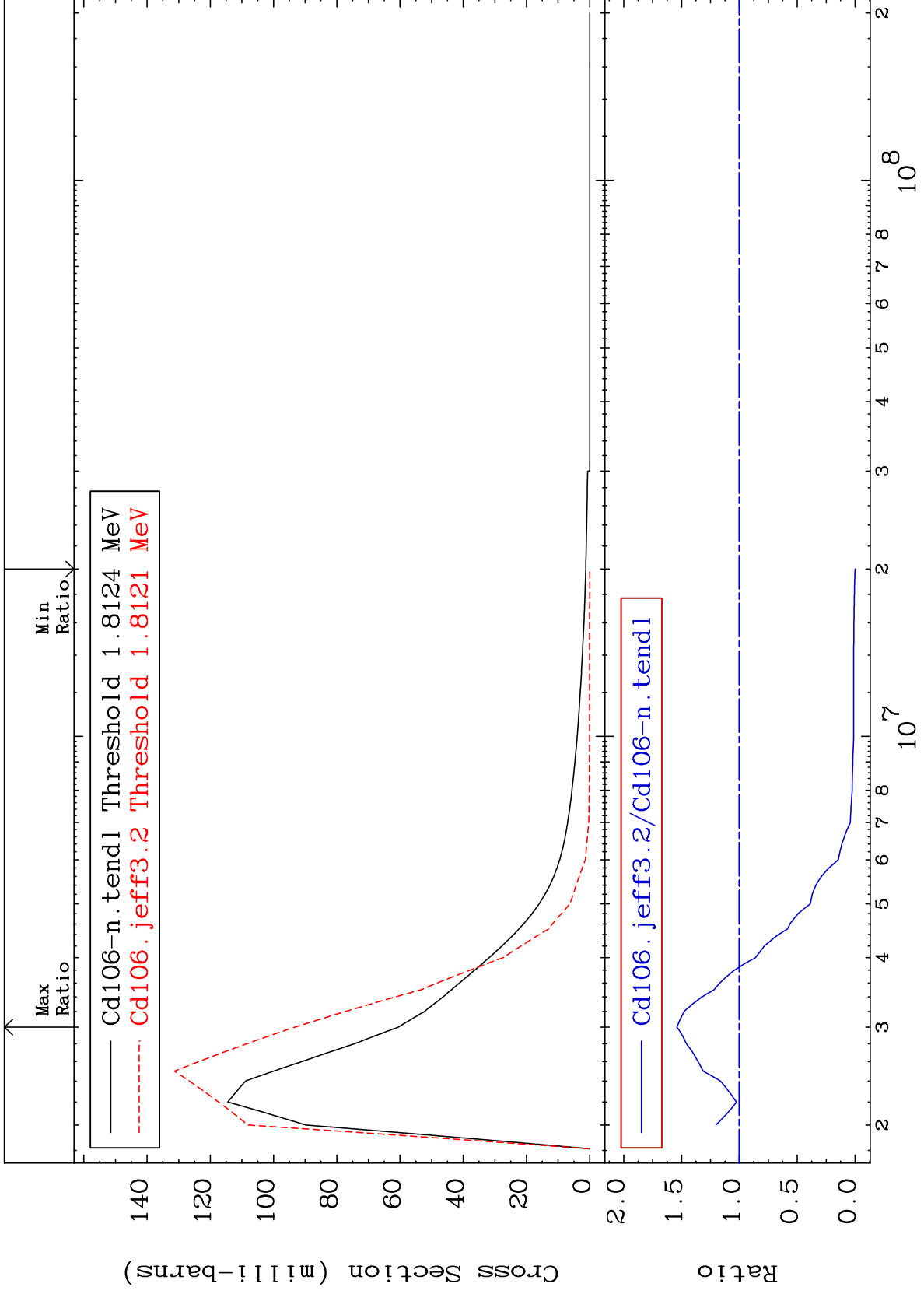
Incident Energy (eV)

48-Cd-106

MAT 4825

1.795 MeV (n,n') Level
Cross Section

48-Cd-106
-100.0 To 54.00 %



12

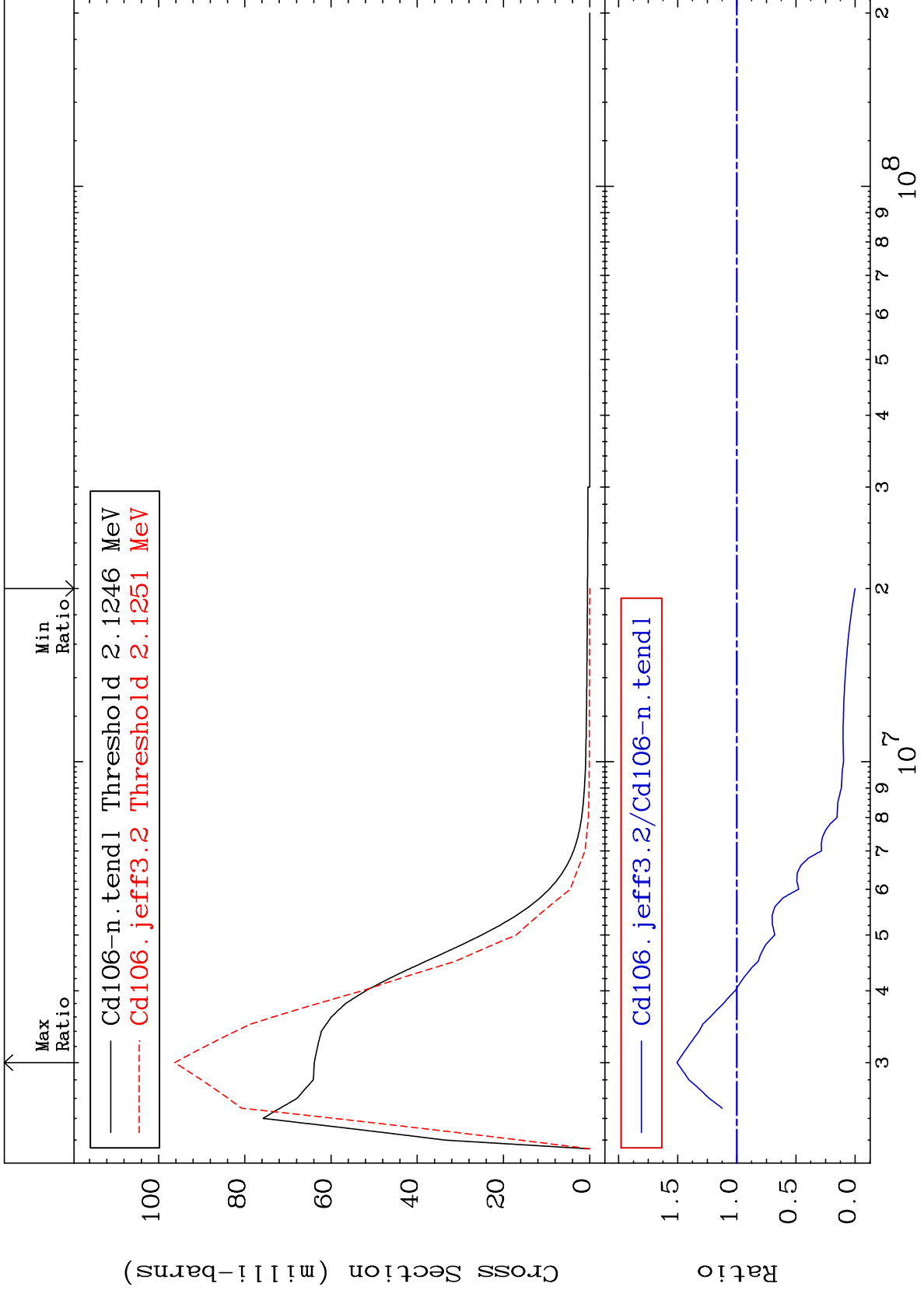
Incident Energy (eV)

48-Cd-106

MAT 4825

2.105 MeV (n,n') Level
Cross Section

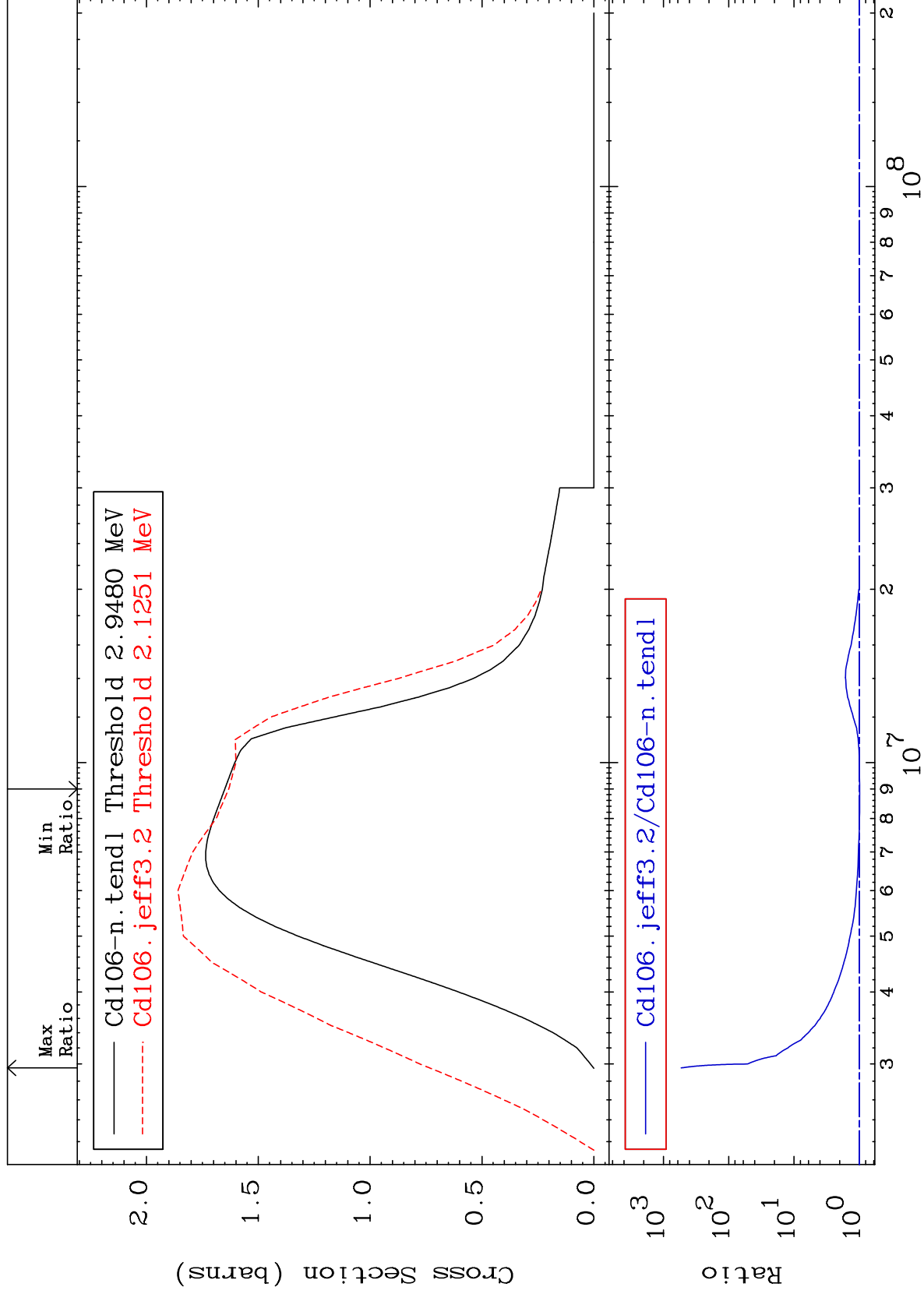
48-Cd-106
-100.0 To 50.71 %



MAT 4825

(n, n') Continuum
Cross Section

48-Cd-106
-1.070 To 9999. %



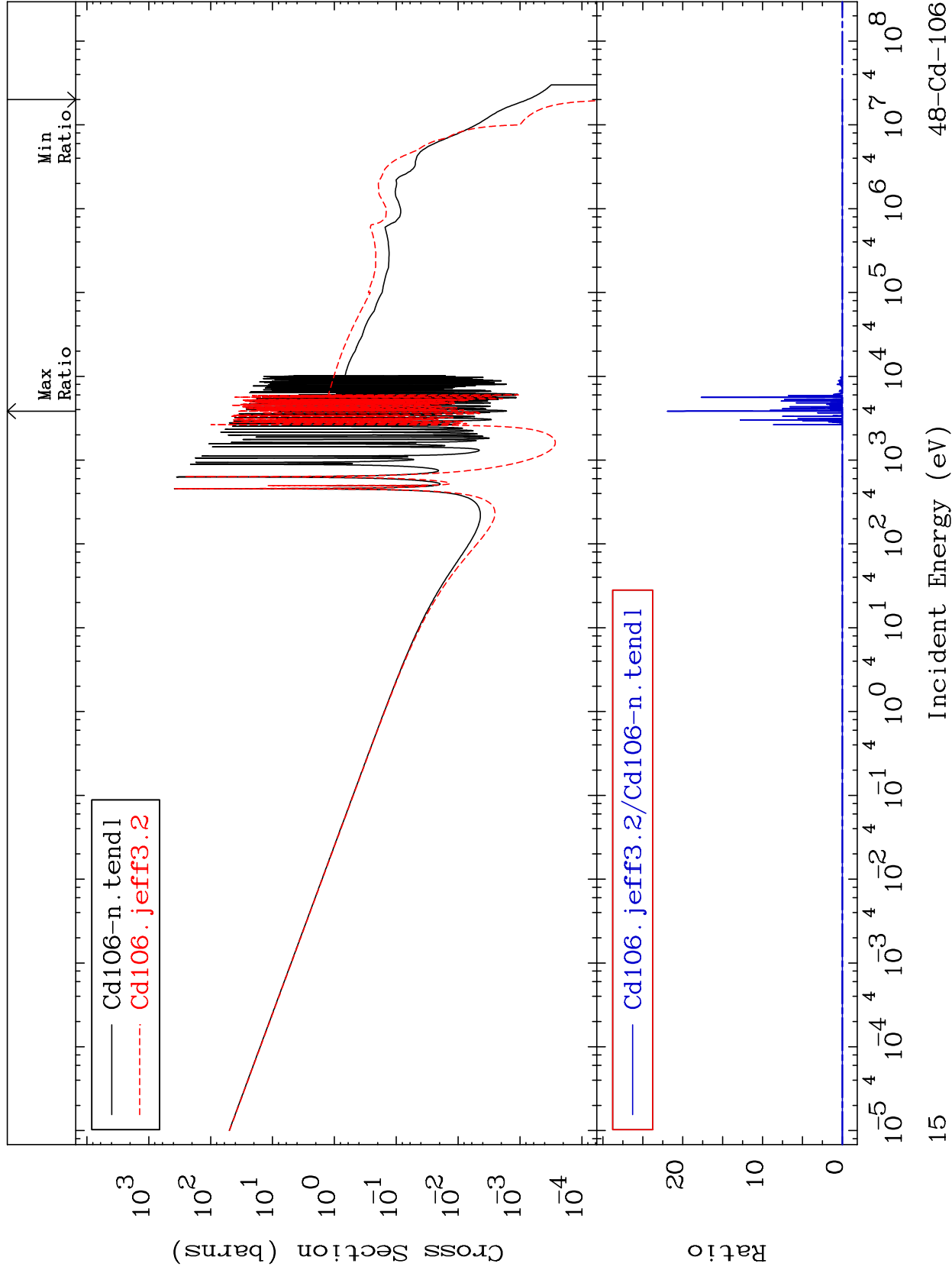
MAT 4825

(n, γ)

48-Cd-106

Cross Section

-100.0 To 9999. %



48-Cd-106

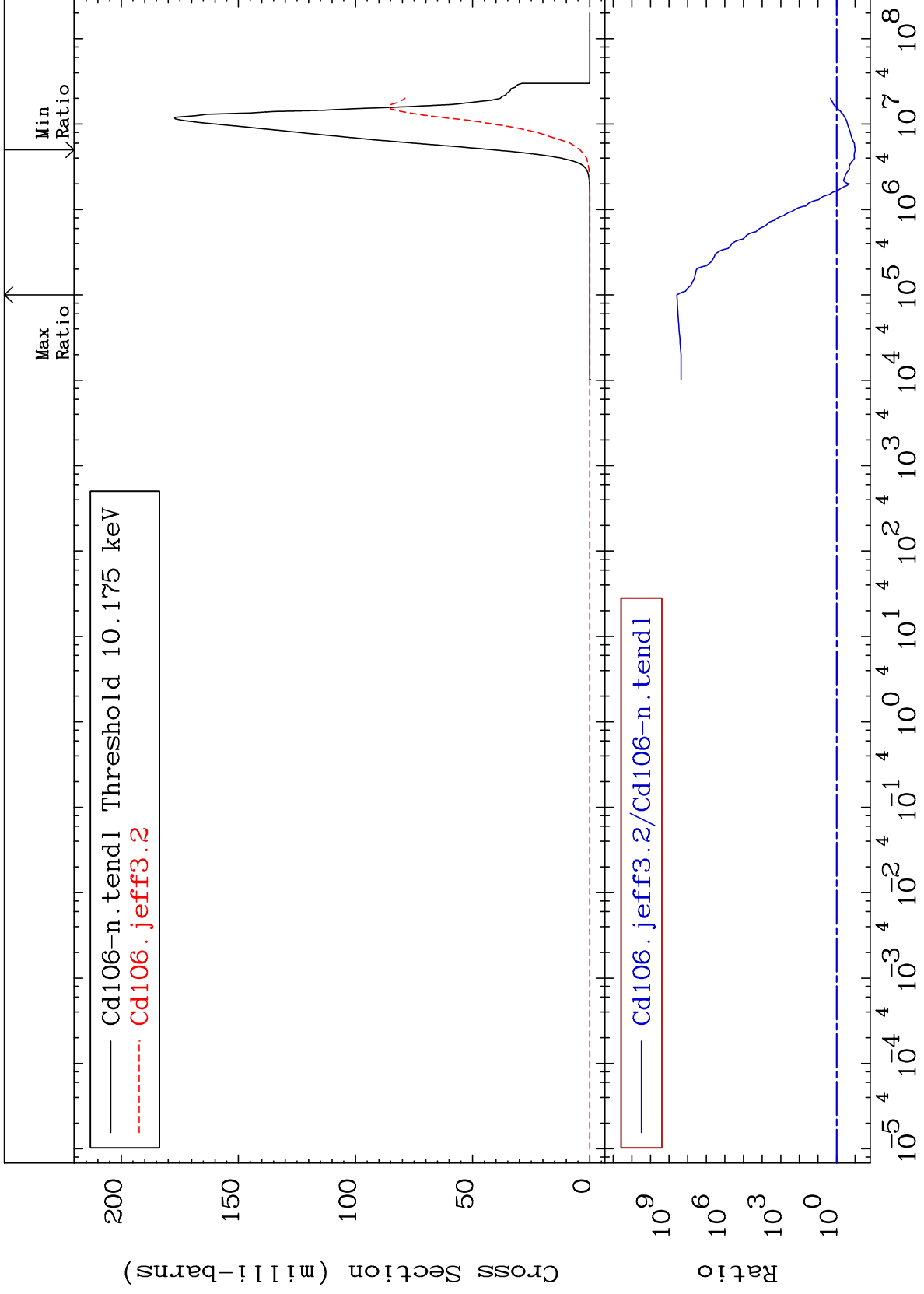
Incident Energy (eV)

15

MAT 4825

(n,p)
Cross Section

48-Cd-106
-89.95 To 9999. %



Incident Energy (eV)

48-Cd-106

16

MAT 4825

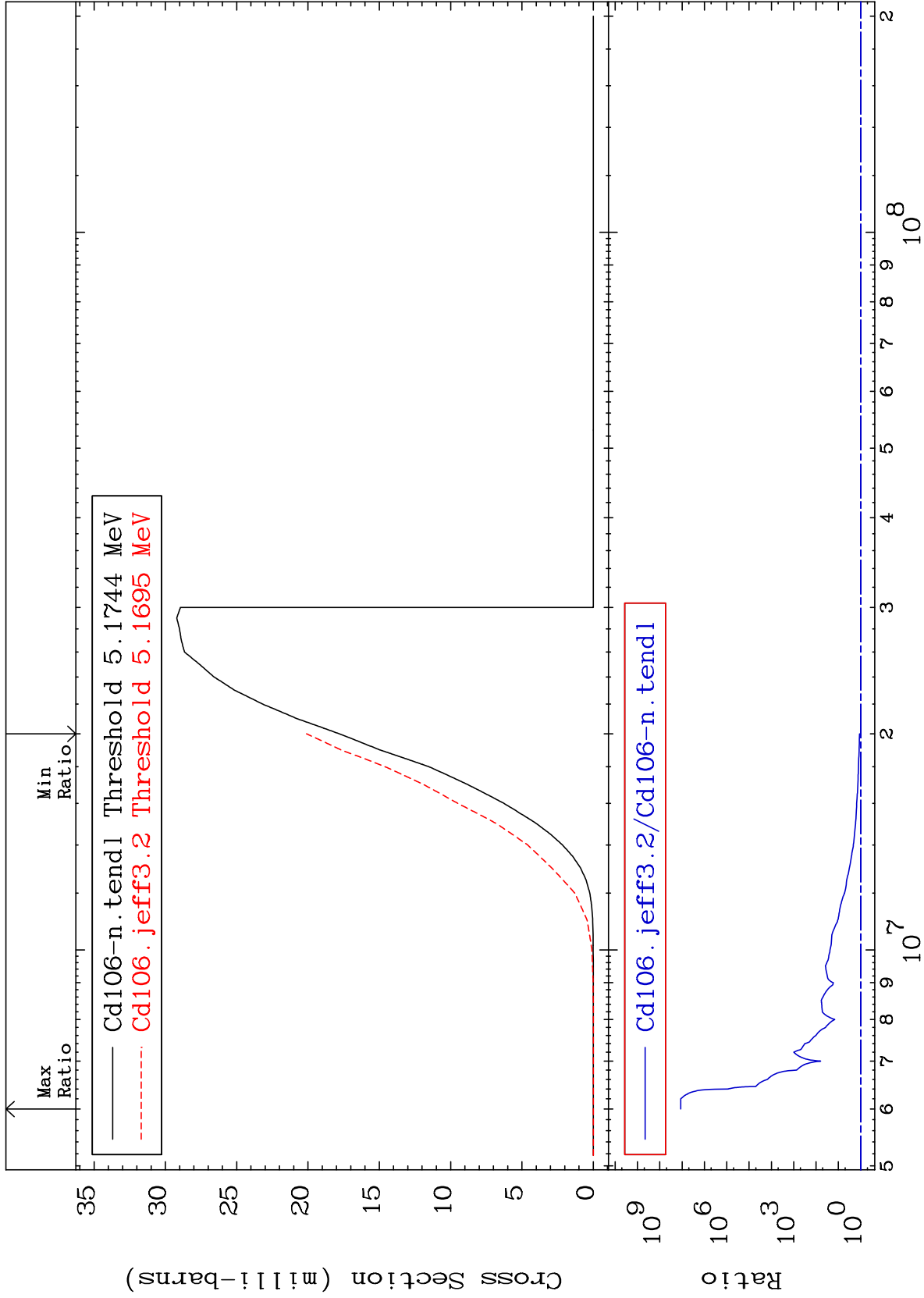
(n, d)

48-Cd-106

Cross Section

12.91

To 9999. %



17

Incident Energy (eV)

48-Cd-106

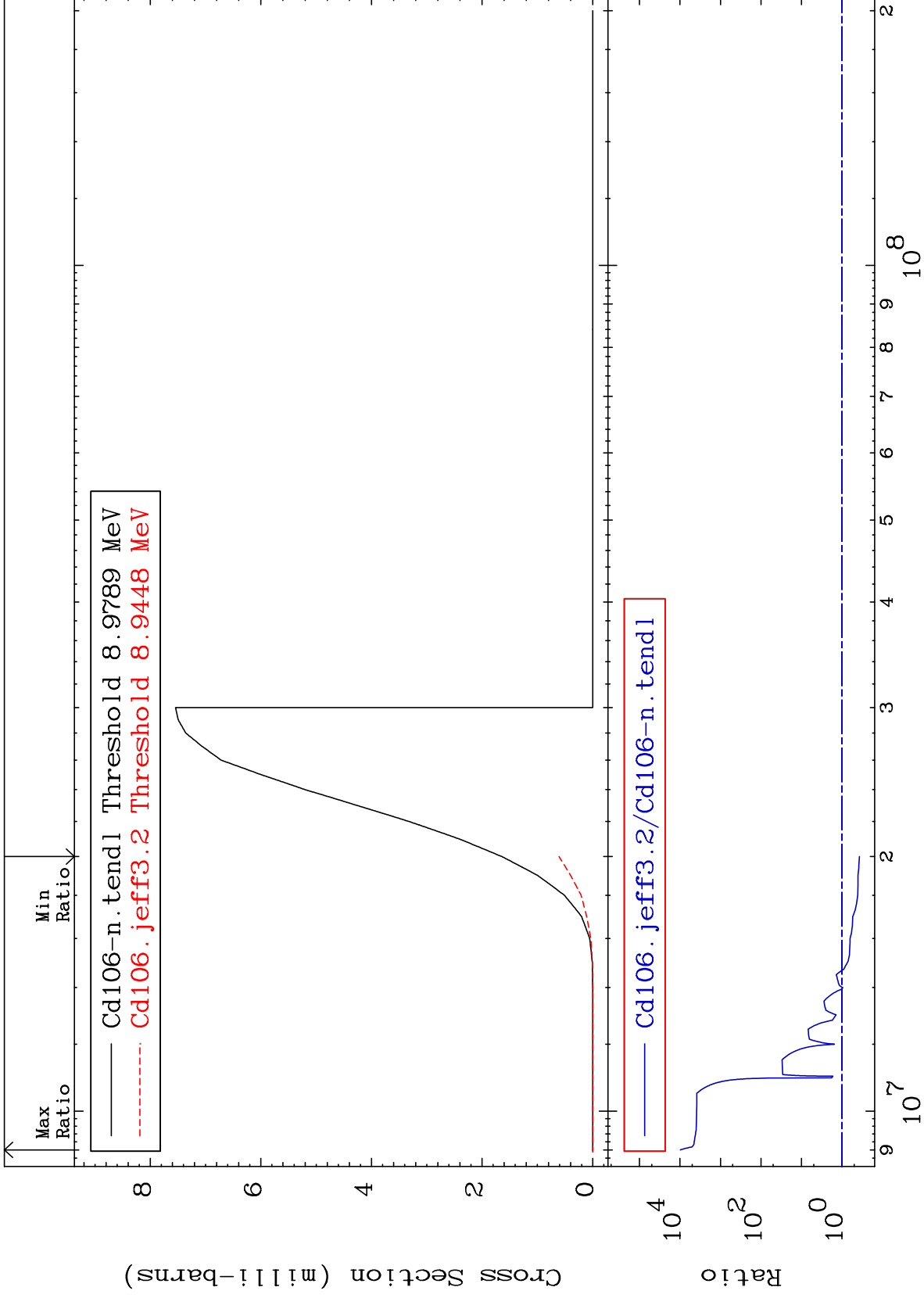
MAT 4825

(n, t)

48-Cd-106

Cross Section

-62.90 To 9999. %



18

Incident Energy (eV)

48-Cd-106

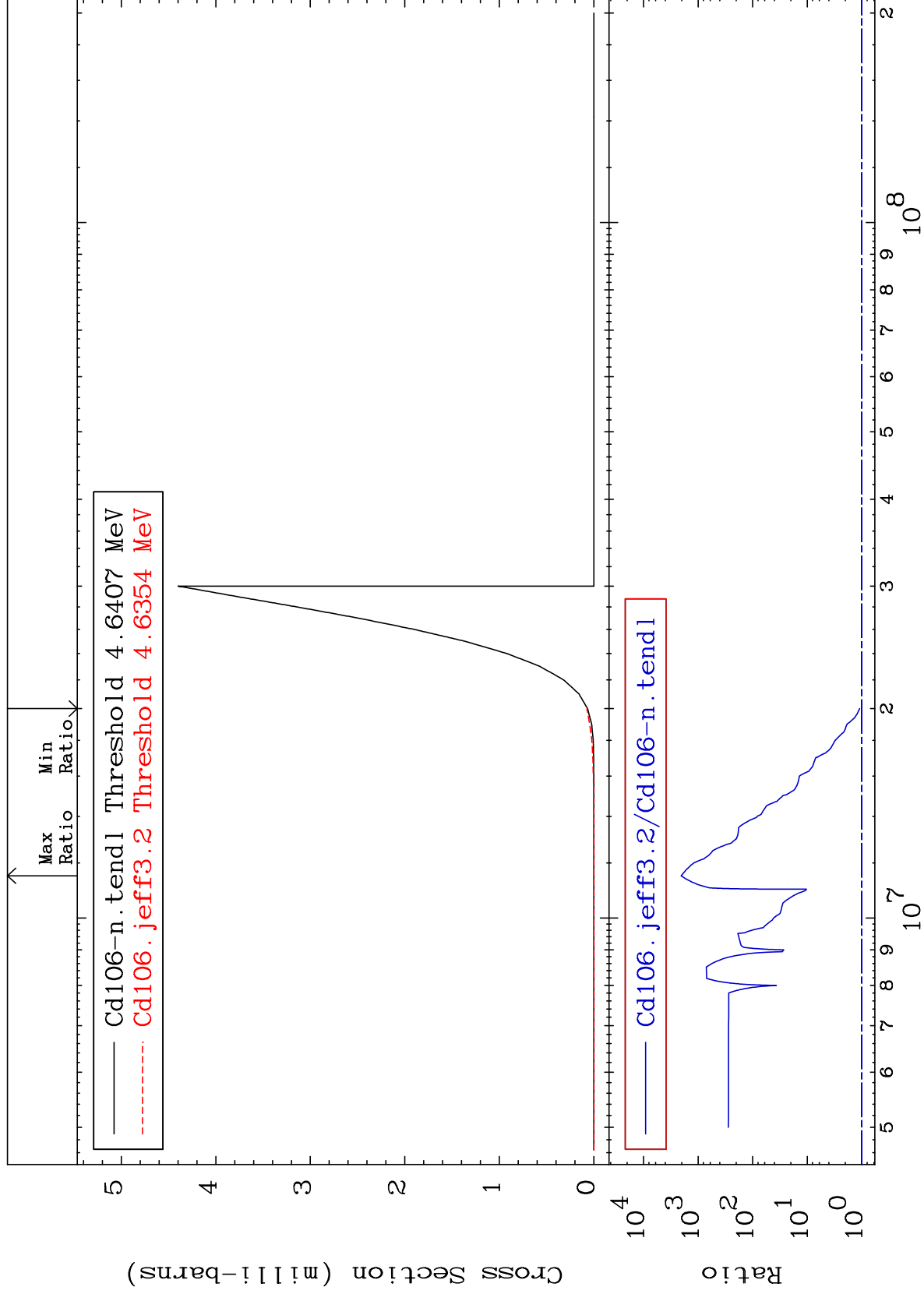
MAT 4825

(n, He-3)

48-Cd-106

Cross Section

9.522 To 9999. %



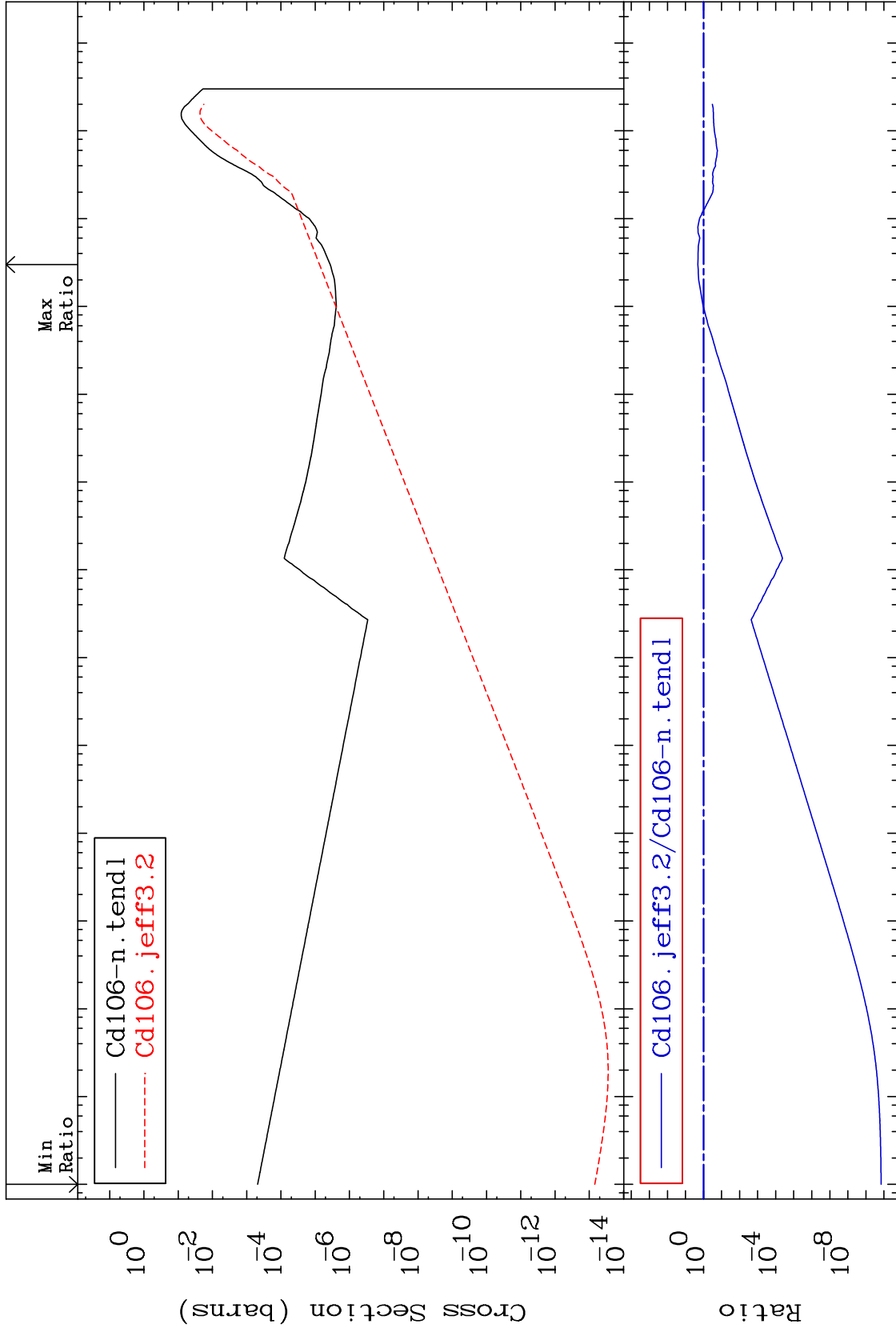
MAT 4825

(n, α)

48-Cd-106

Cross Section

-100.0 To 105.3 %



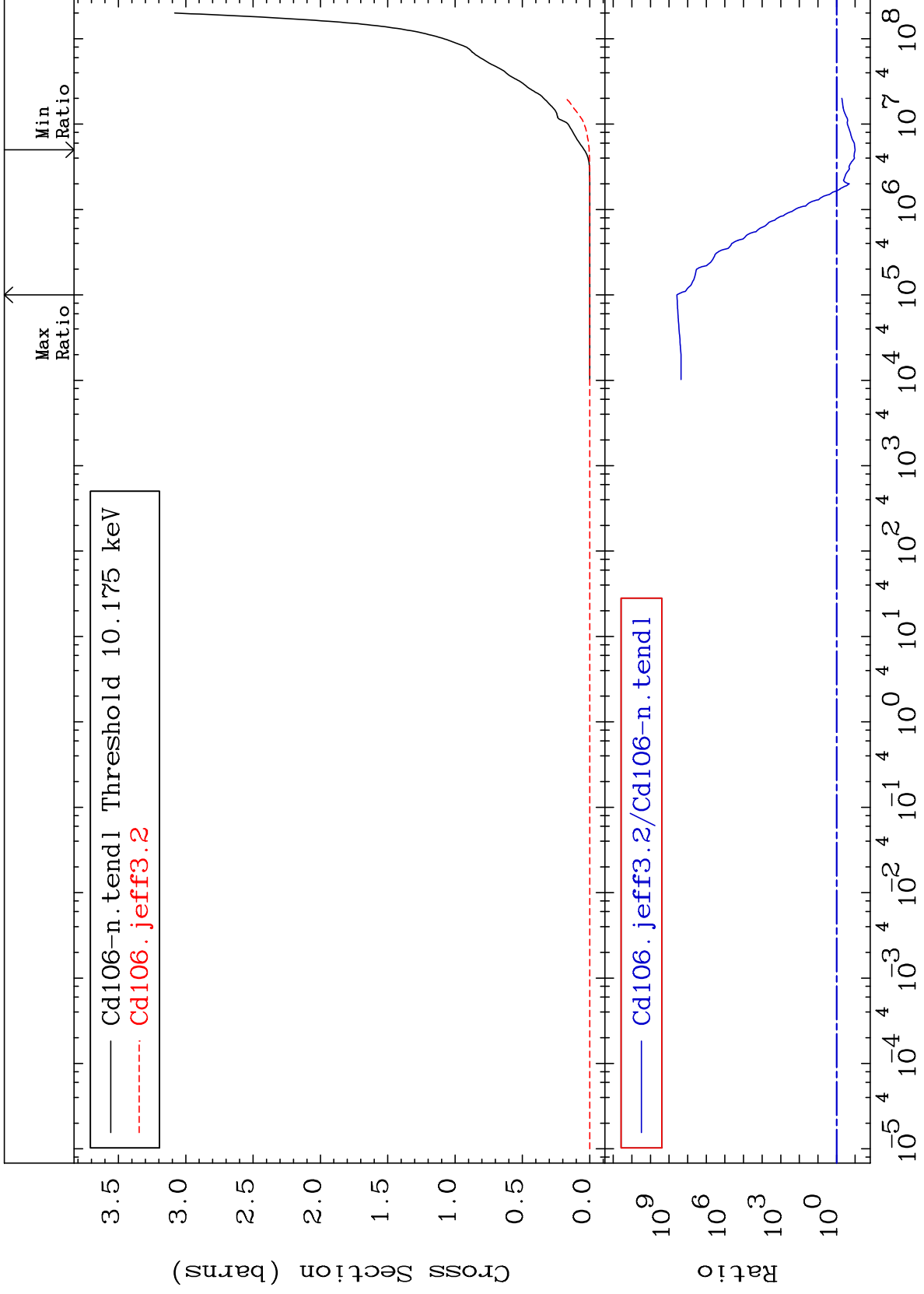
20

48-Cd-106

MAT 4825

Hydrogen Production
Cross Section

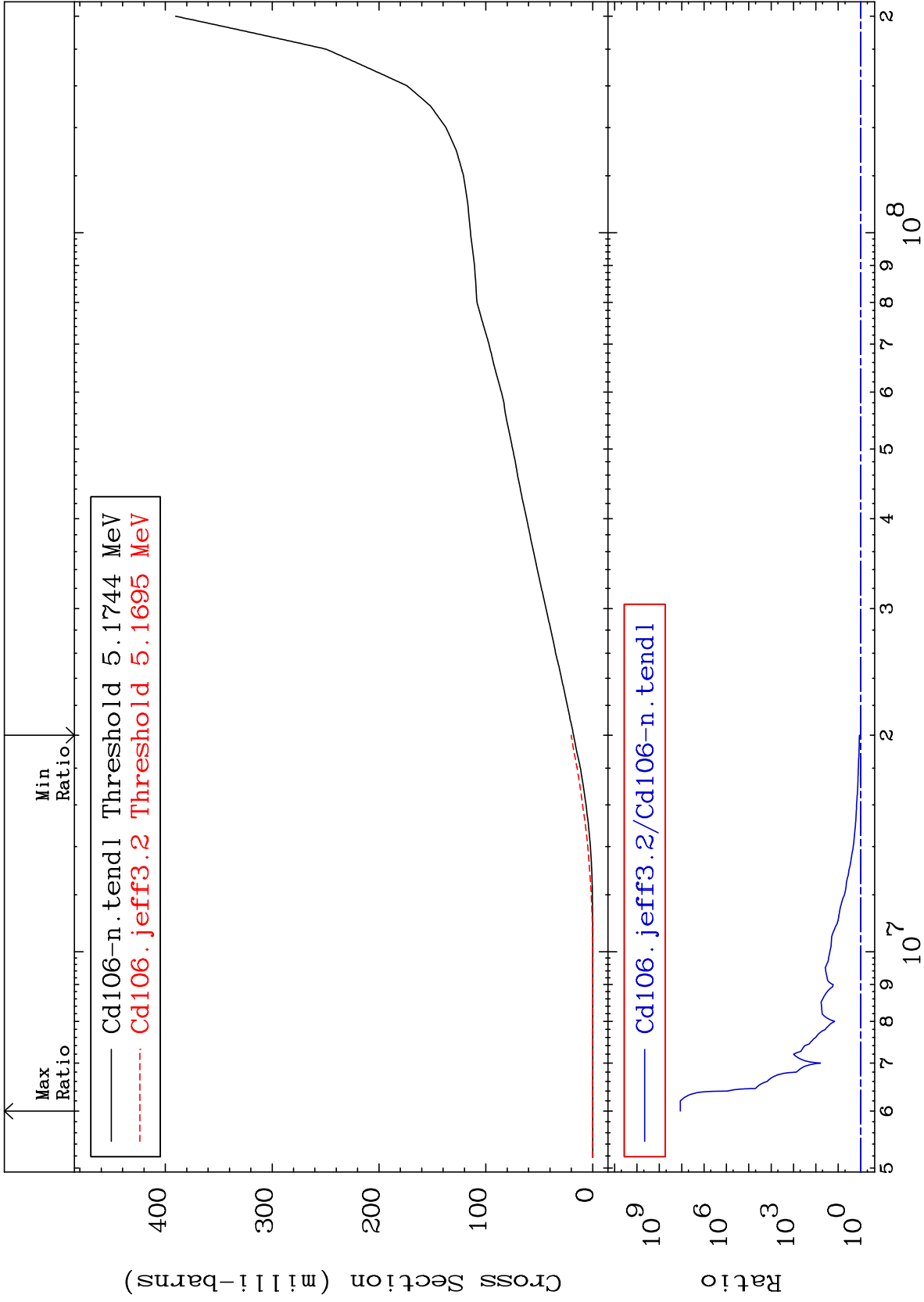
48-Cd-106
-89.95 To 9999. %



MAT 4825

Deuterium Production
Cross Section

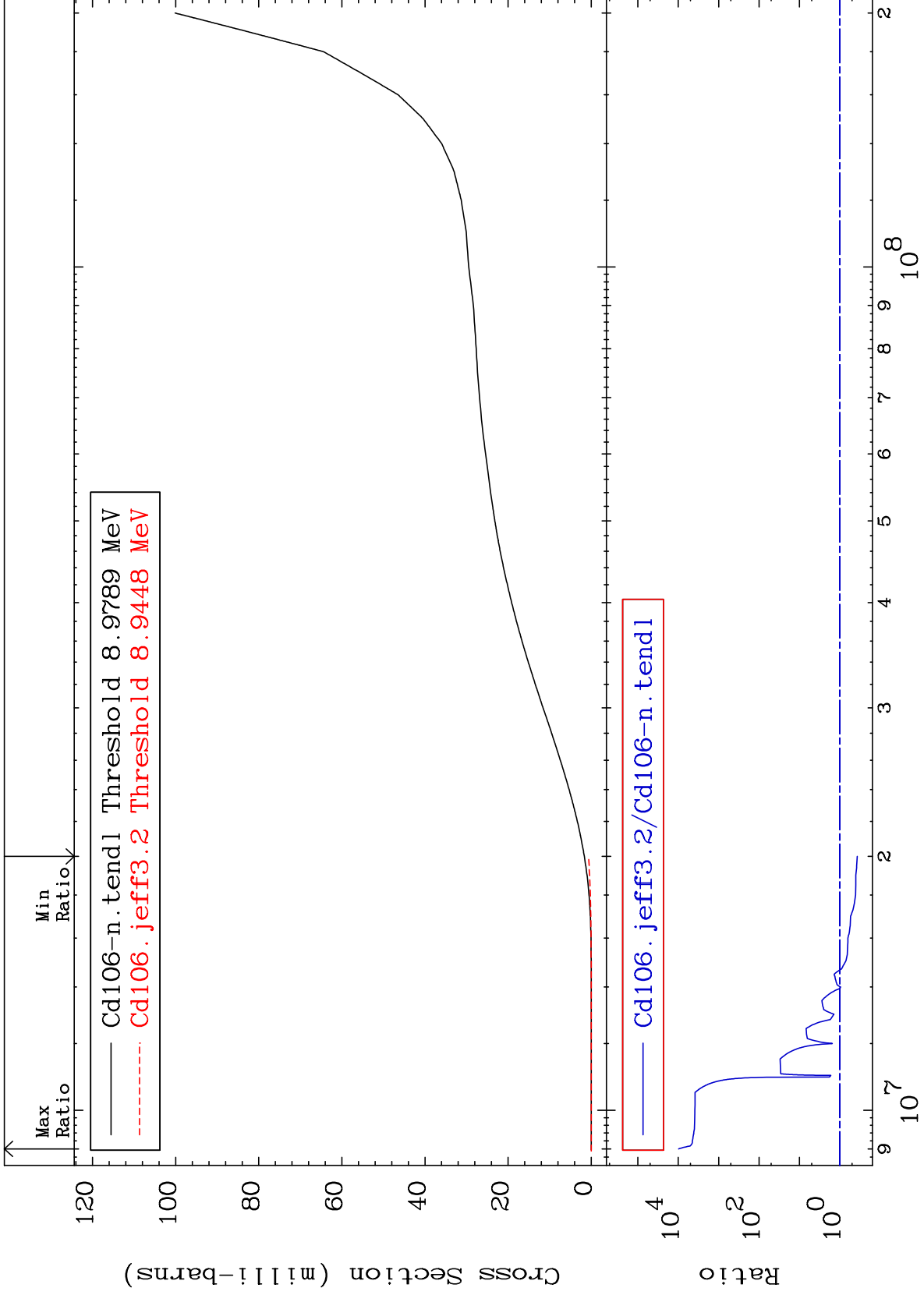
48-Cd-106
12.86 To 9999. %



MAT 4825

Tritium Production
Cross Section

48-Cd-106
-62.90 To 9999. %



23

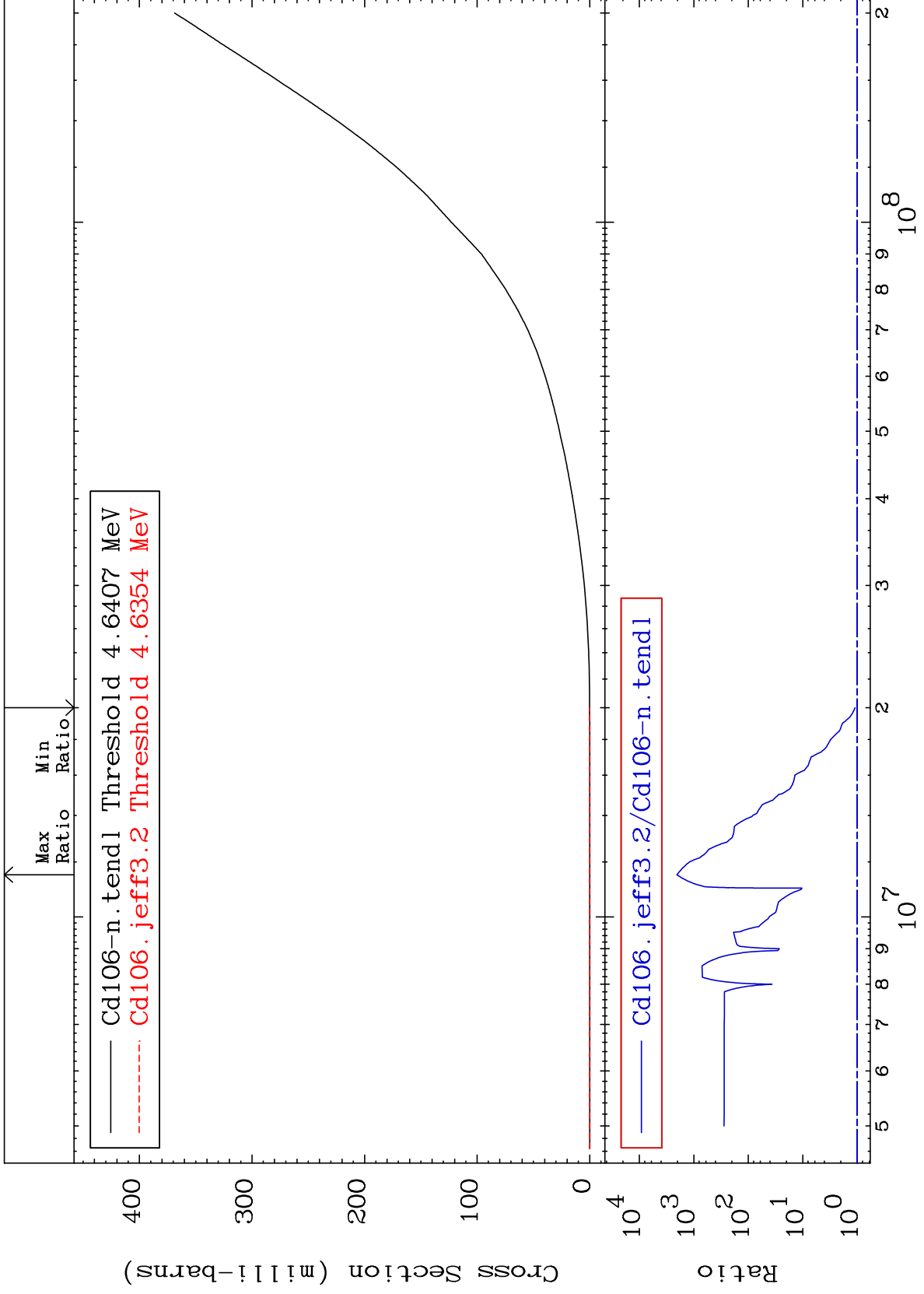
Incident Energy (eV)

48-Cd-106

MAT 4825

He-3 Production
Cross Section

48-Cd-106
9.522 To 9999. %



24

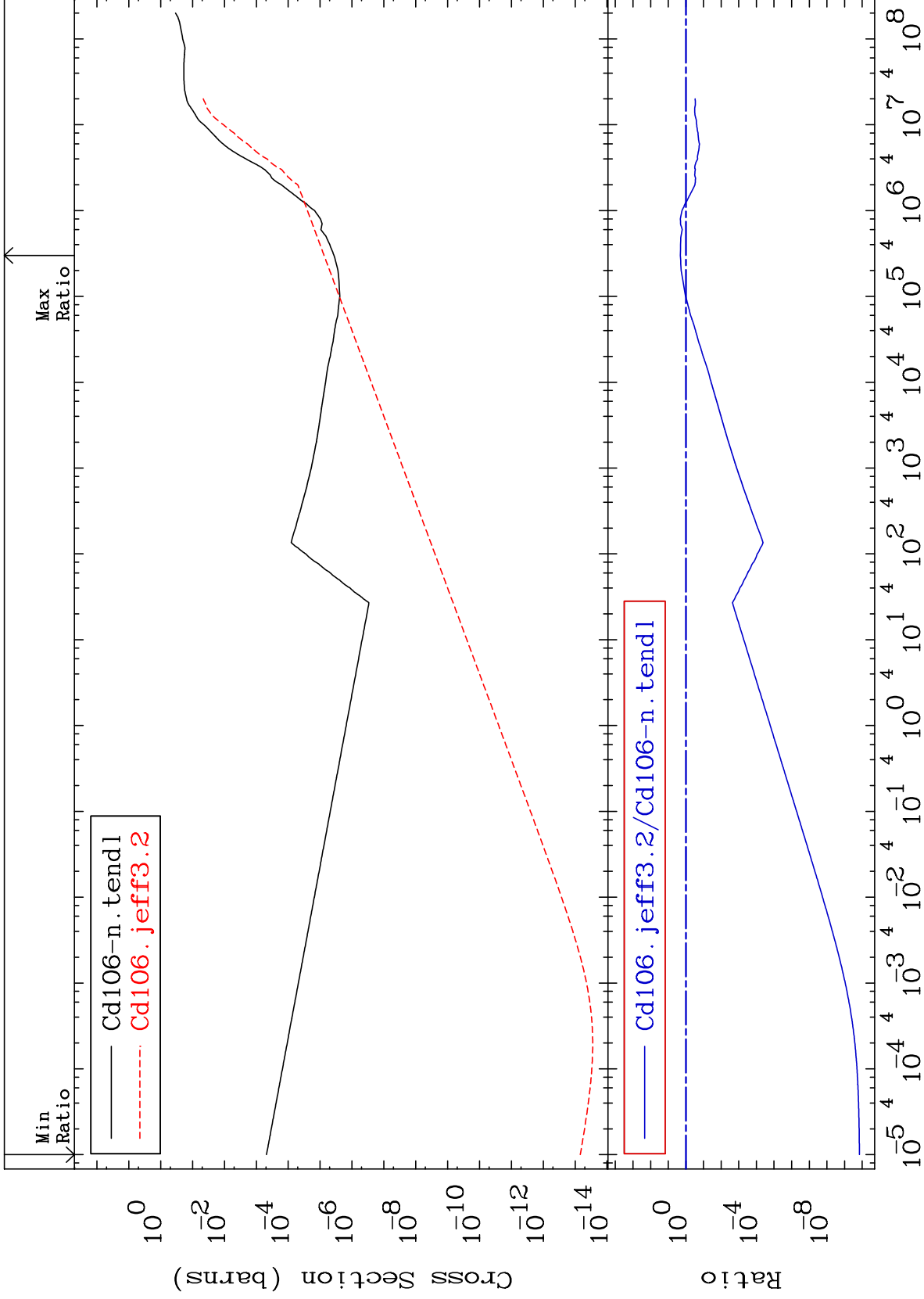
Incident Energy (eV)

48-Cd-106

MAT 4825

He-4 Production
Cross Section

48-Cd-106
-100.0 To 105.3 %



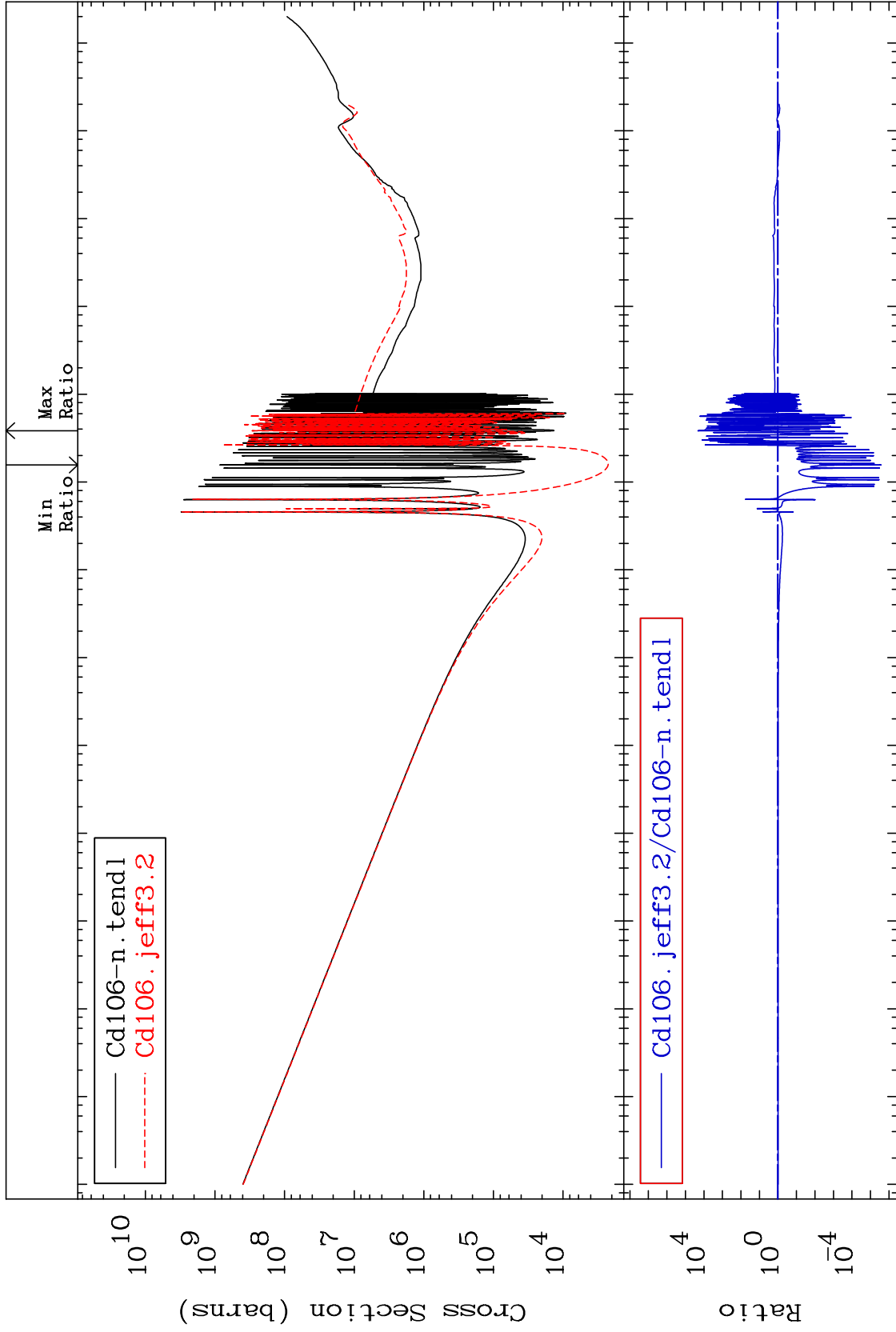
25

Incident Energy (eV)

48-Cd-106

Cross Section

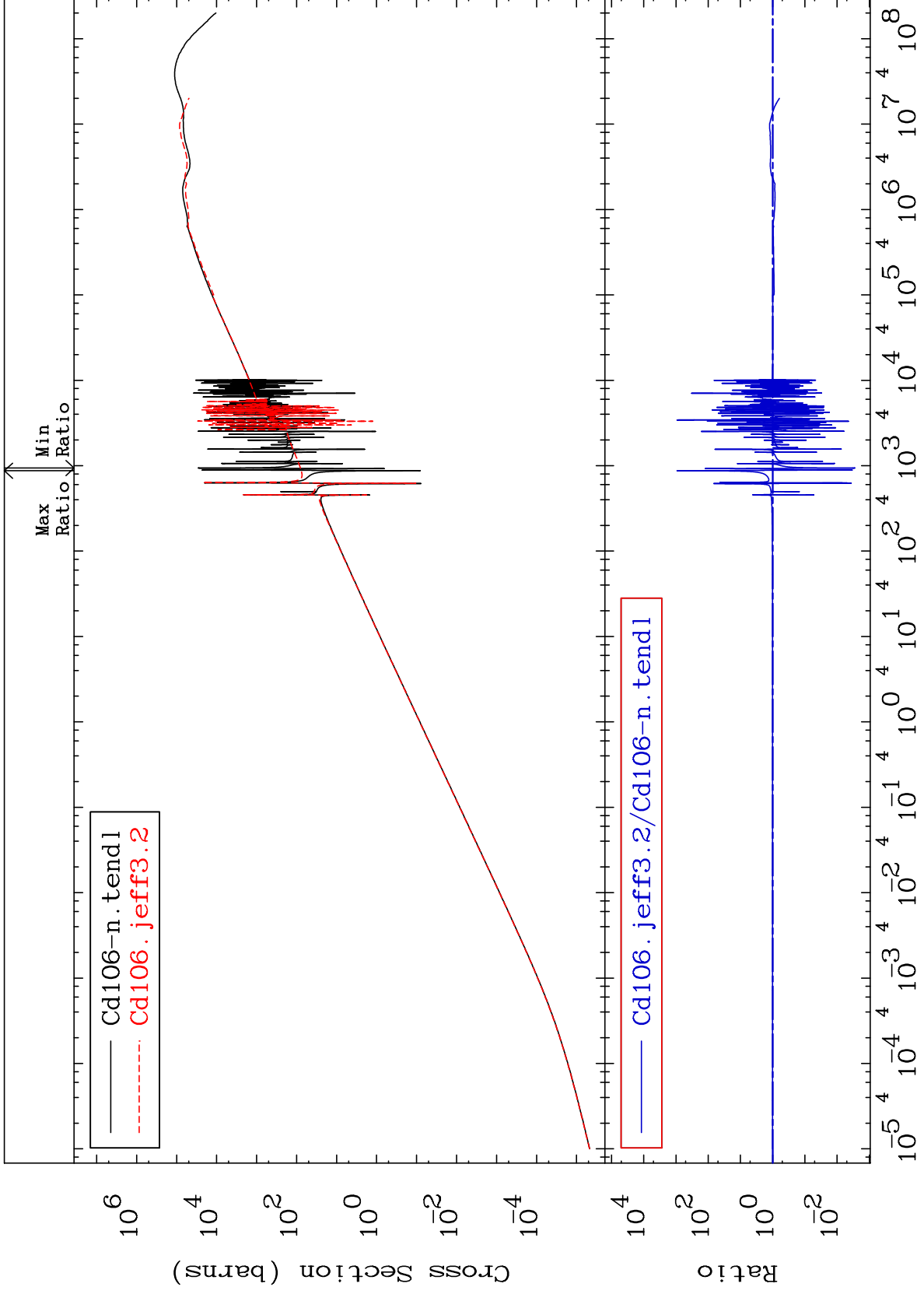
-100.0 To 9999. %

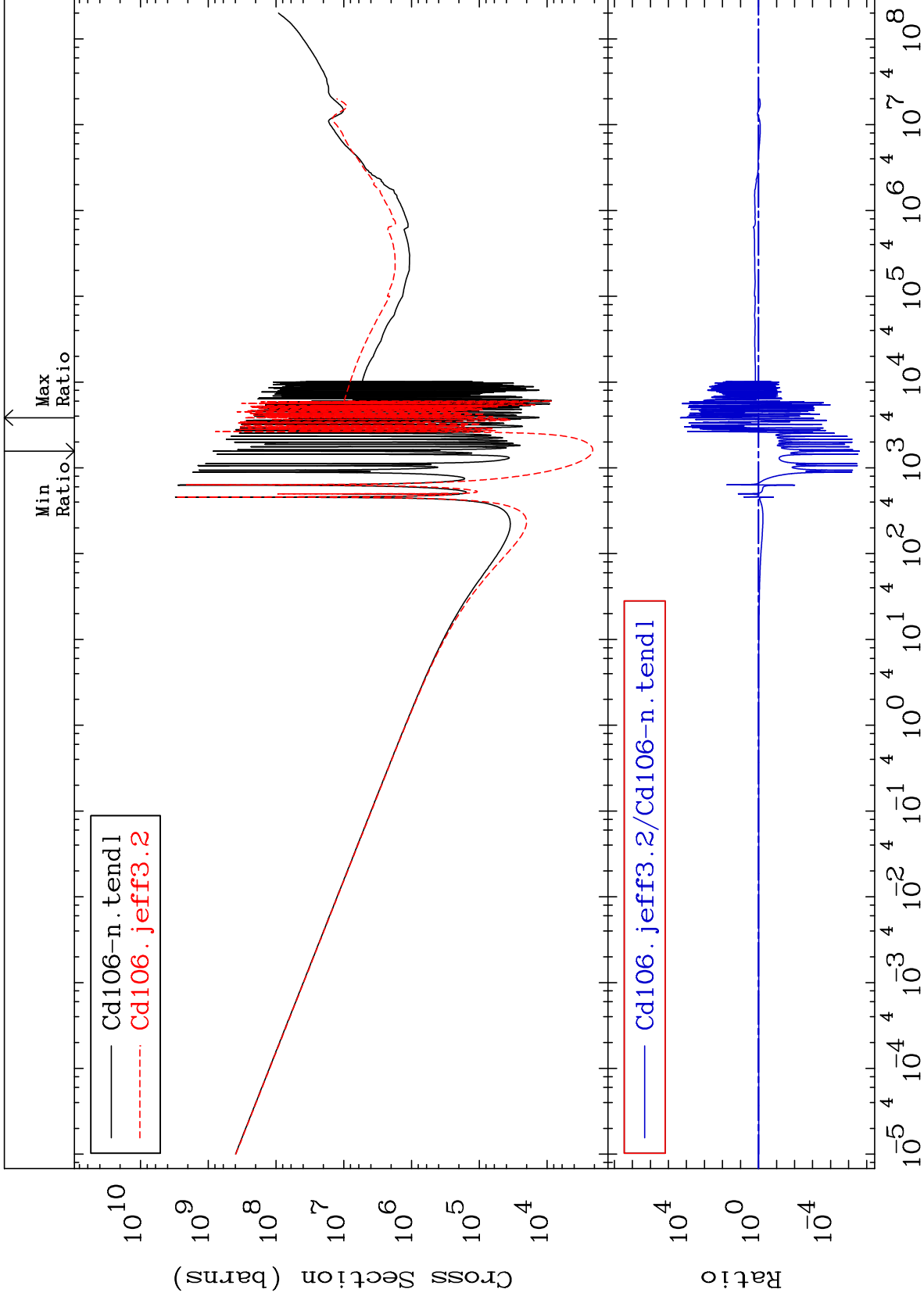


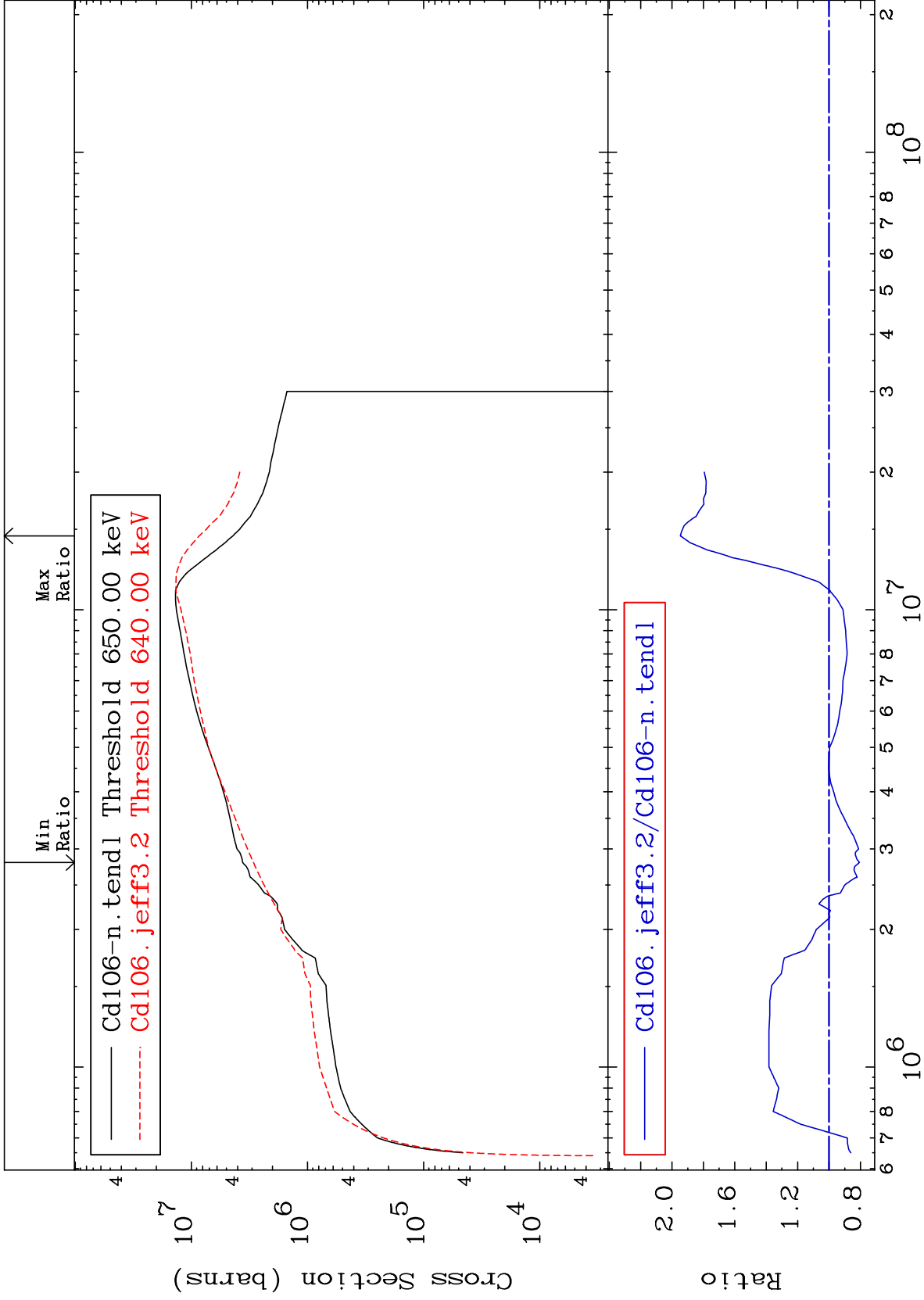
MAT 4825

Kerma elastic
Cross Section

48-Cd-106
-99.72 To 9999. %



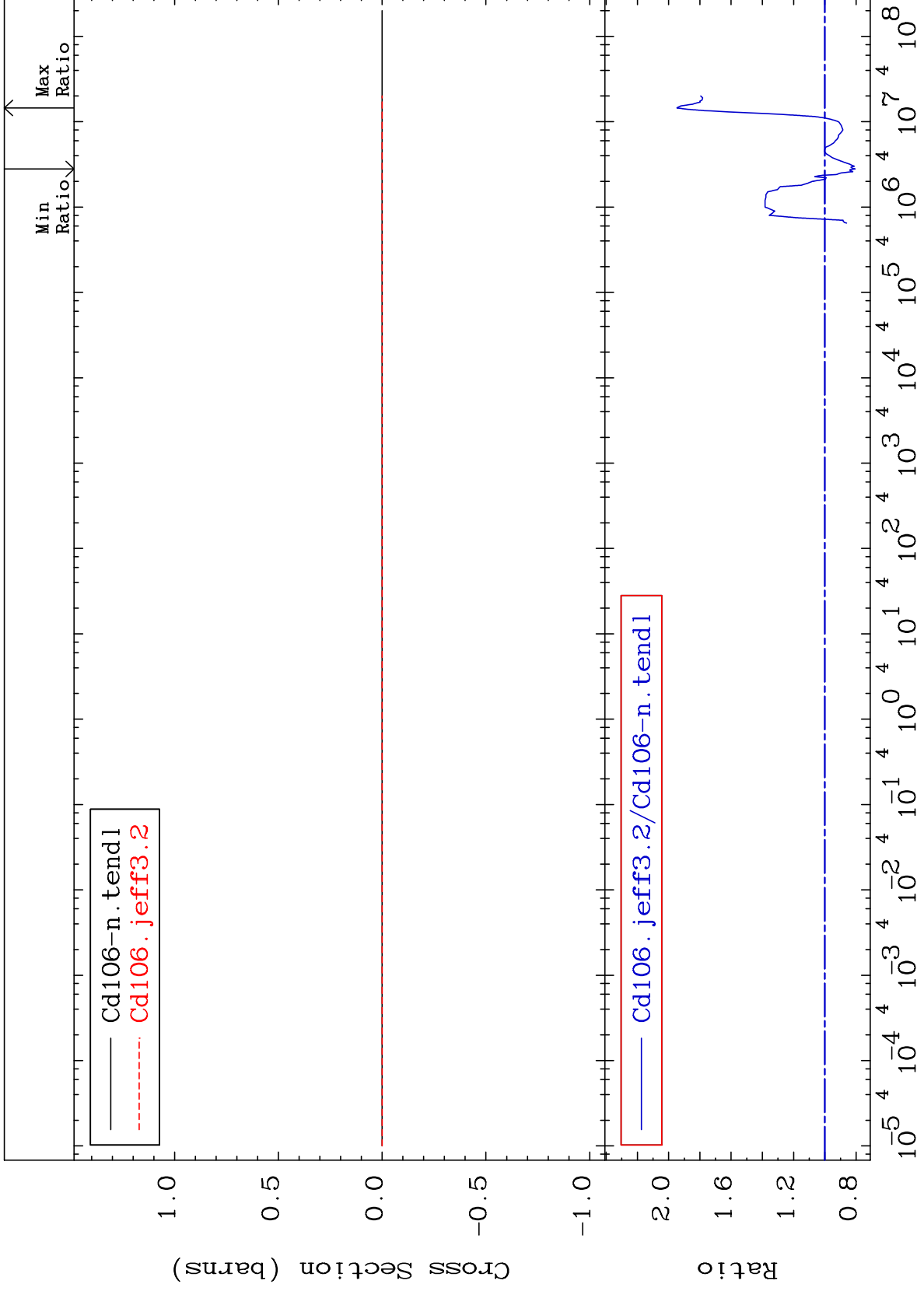




MAT 4825

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

48-Cd-106
-19.36 To 94.70 %



30

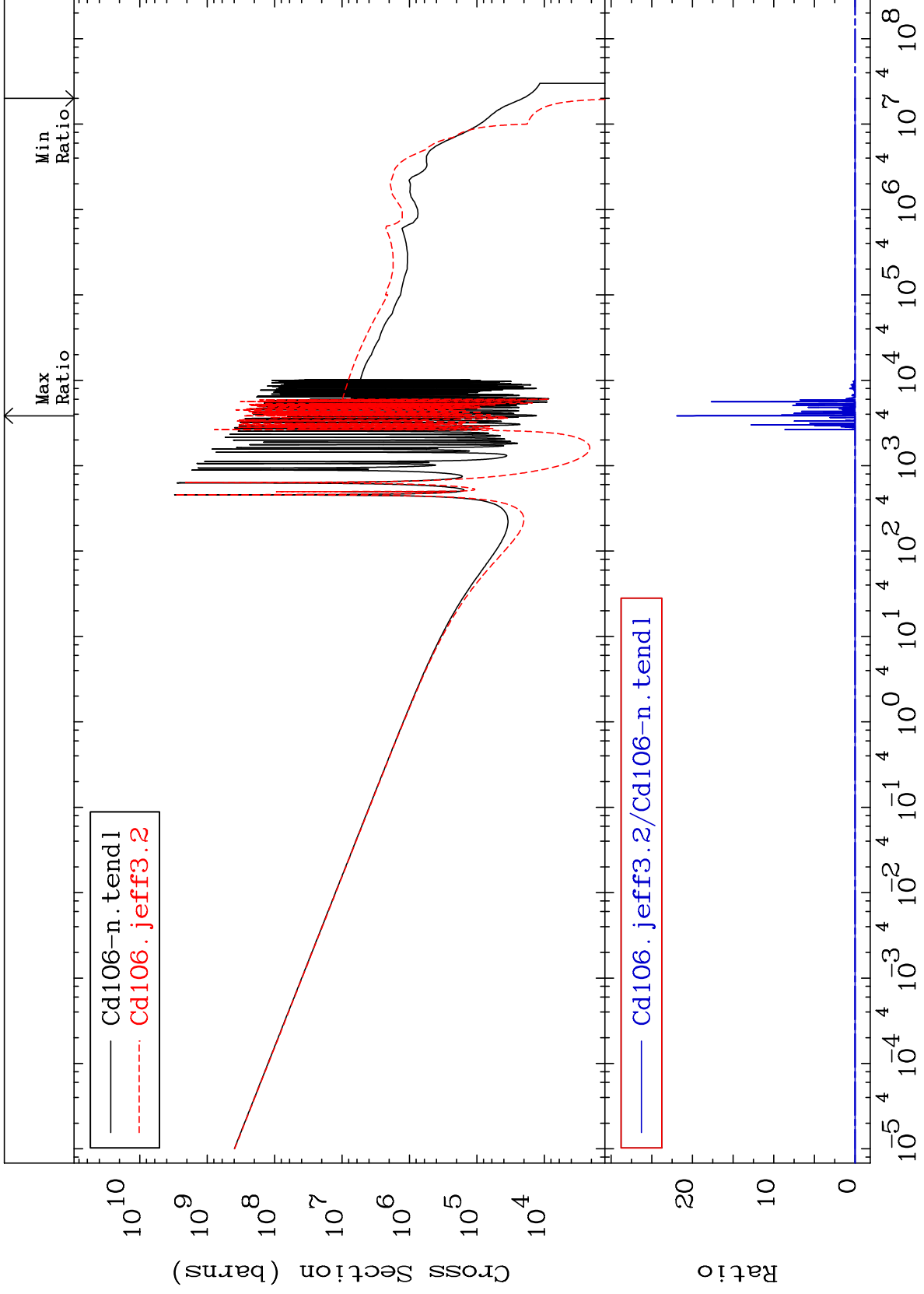
Incident Energy (eV)

48-Cd-106

MAT 4825

Kerma capture (mt102)
Cross Section

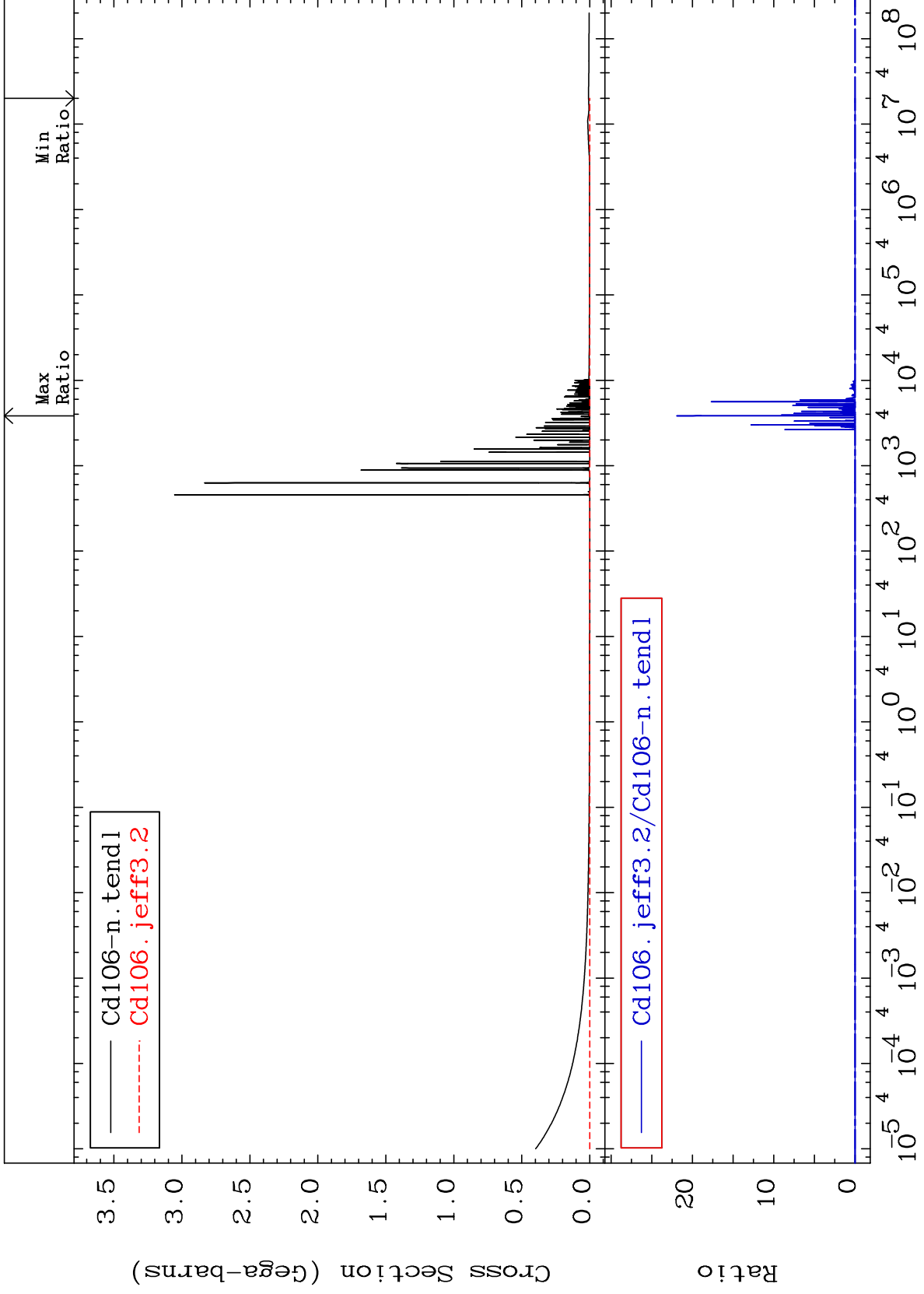
48-Cd-106
-100.0 To 9999. %



MAT 4825

Total photon (eV-barns)
Cross Section

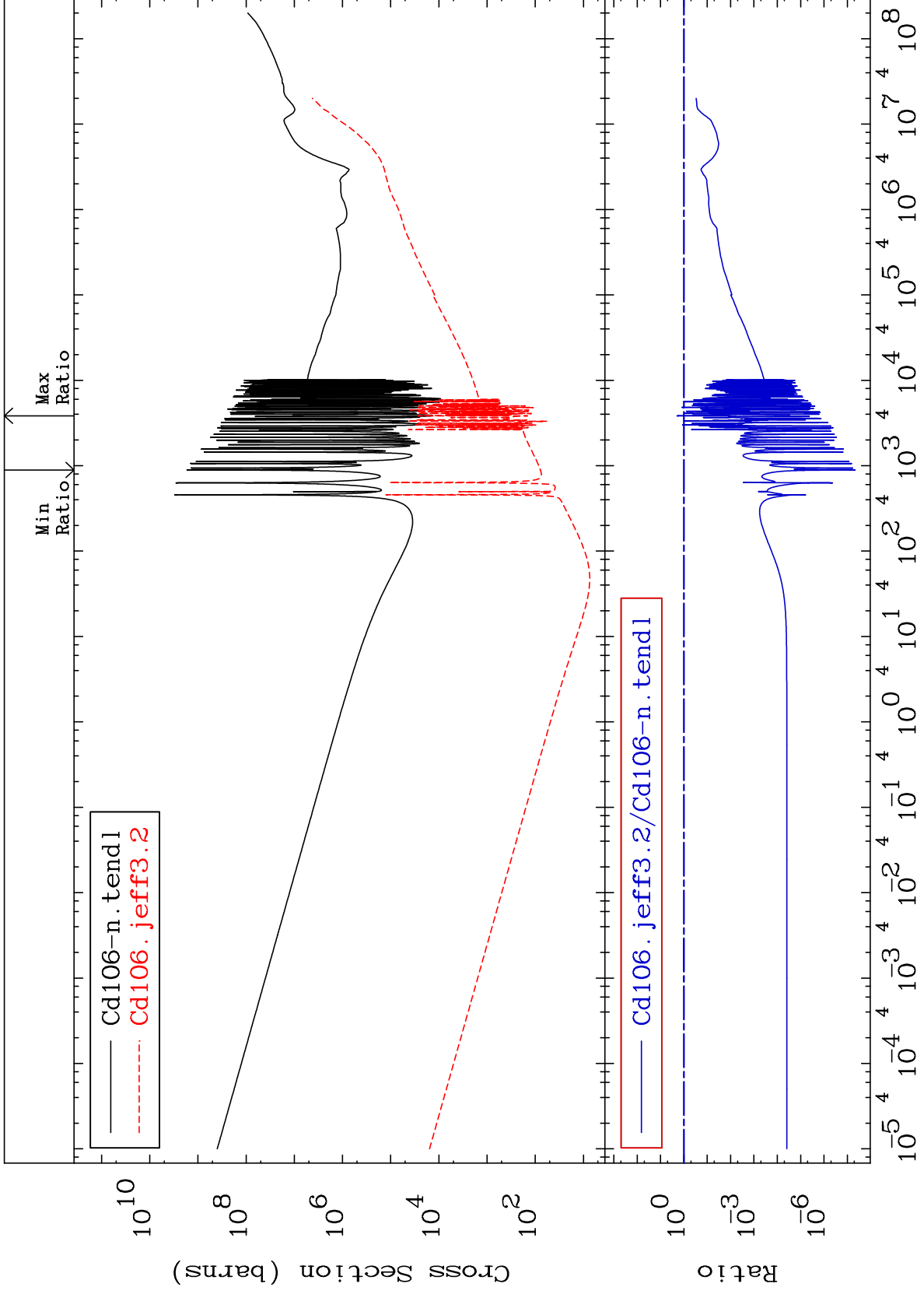
48-Cd-106
-100.0 To 9999. %

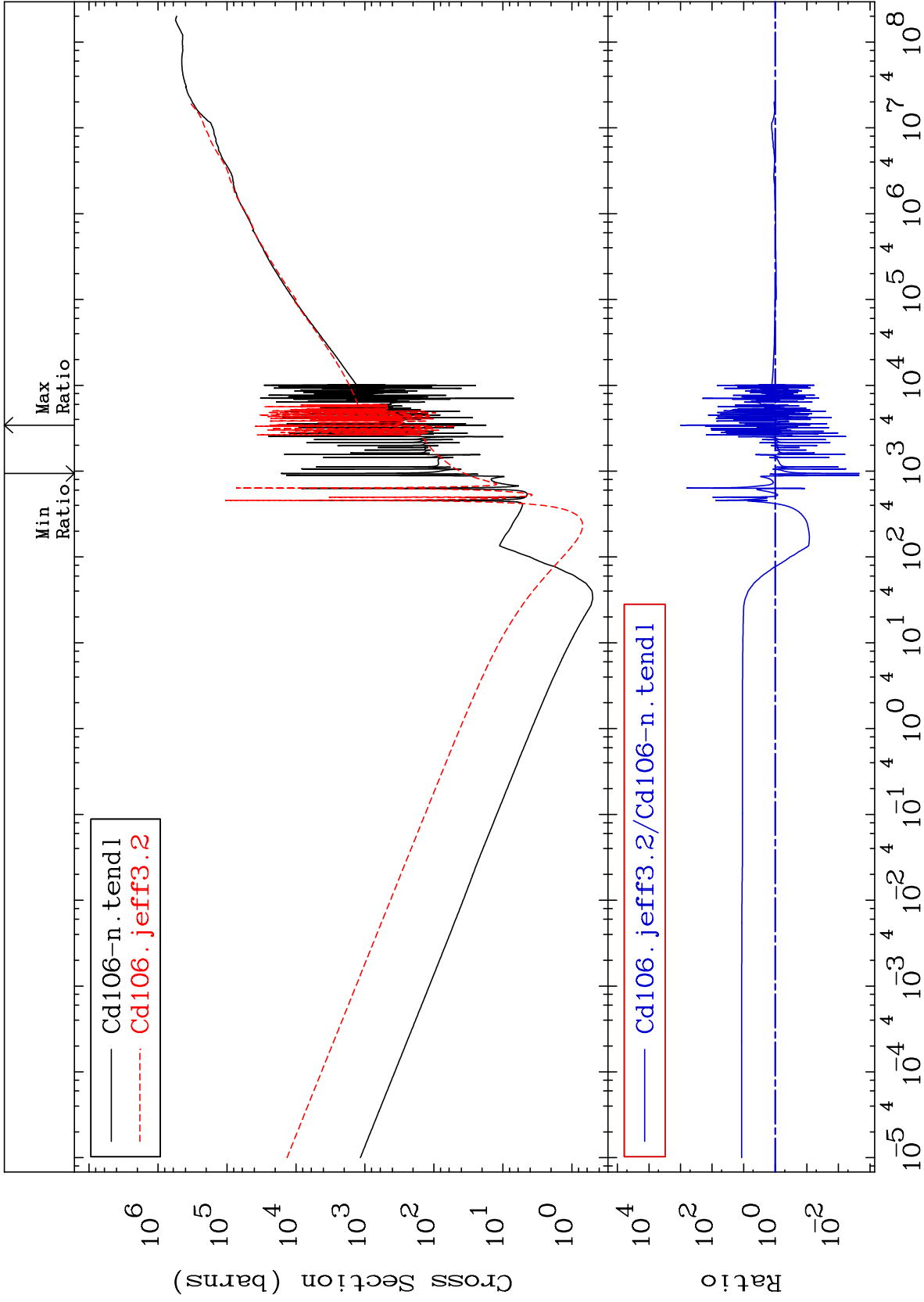


32

Incident Energy (eV)

48-Cd-106

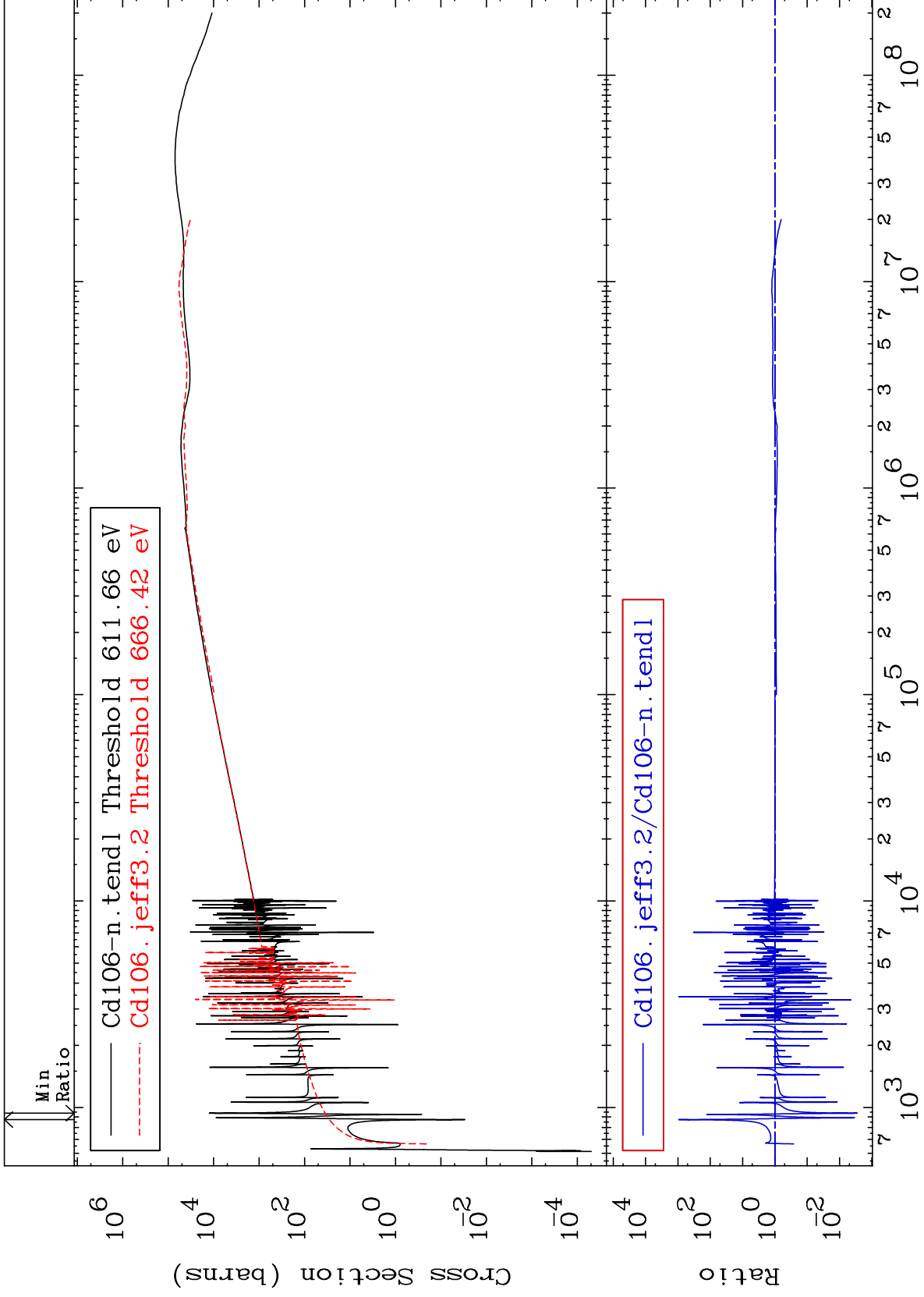




MAT 4825

Dpa elastic (mt2)
Cross Section

48-Cd-106
-99.72 To 9999. %



35

Incident Energy (eV)

48-Cd-106

