

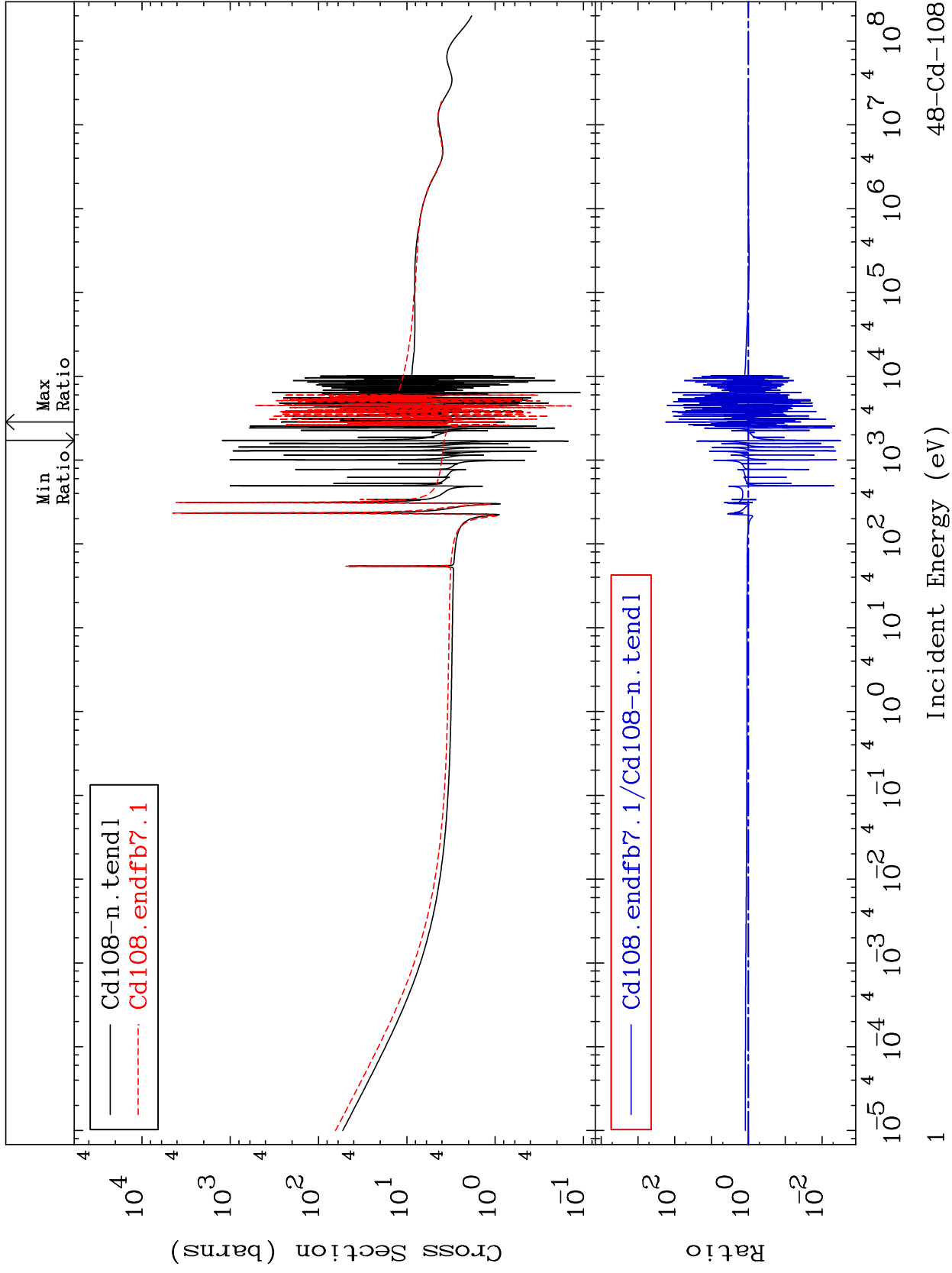
MAT 4831

Total

48-Cd-108

Cross Section

-99.69 To 9999. %



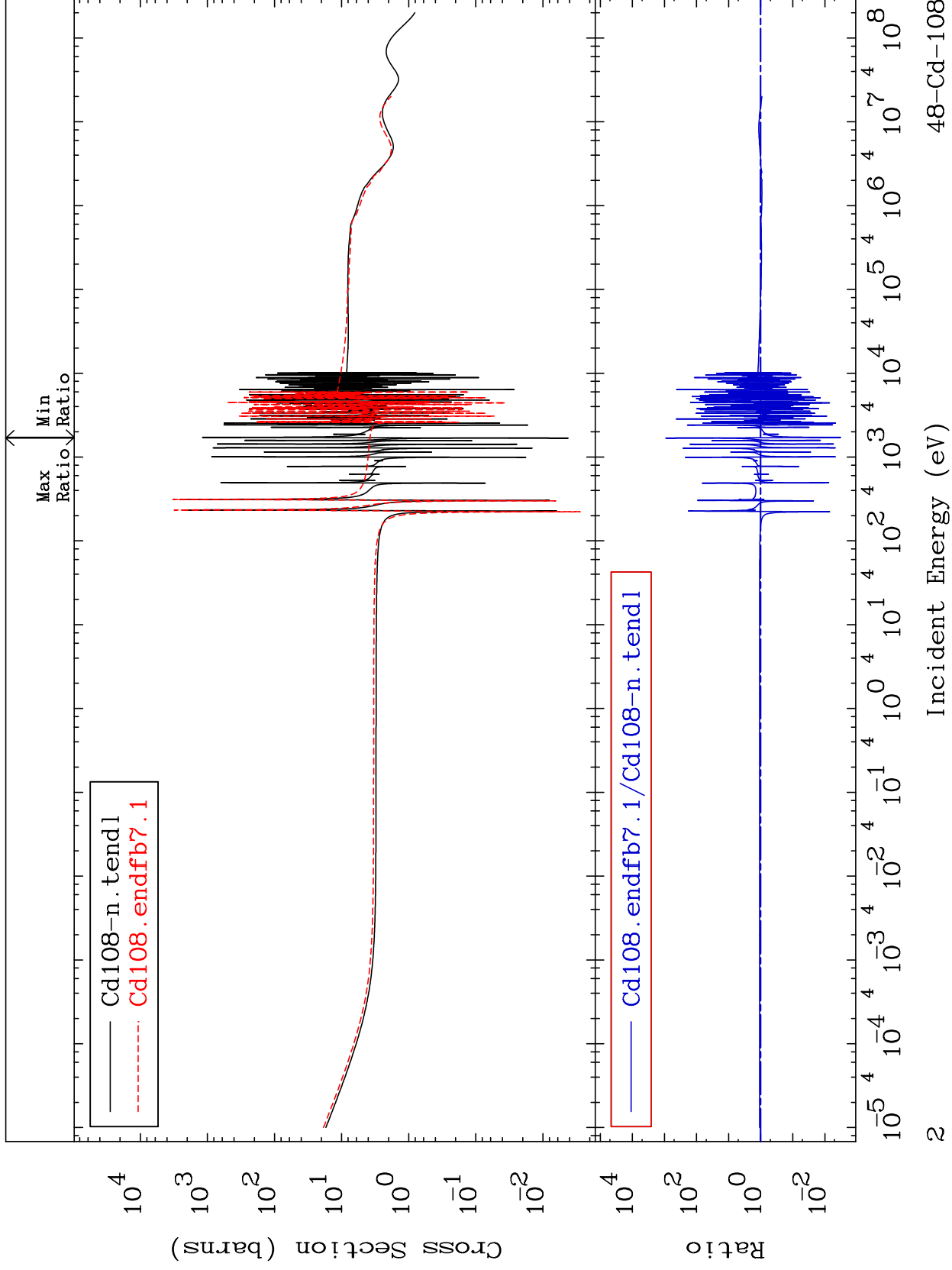
Incident Energy (eV)

48-Cd-108

MAT 4831

Elastic  
Cross Section

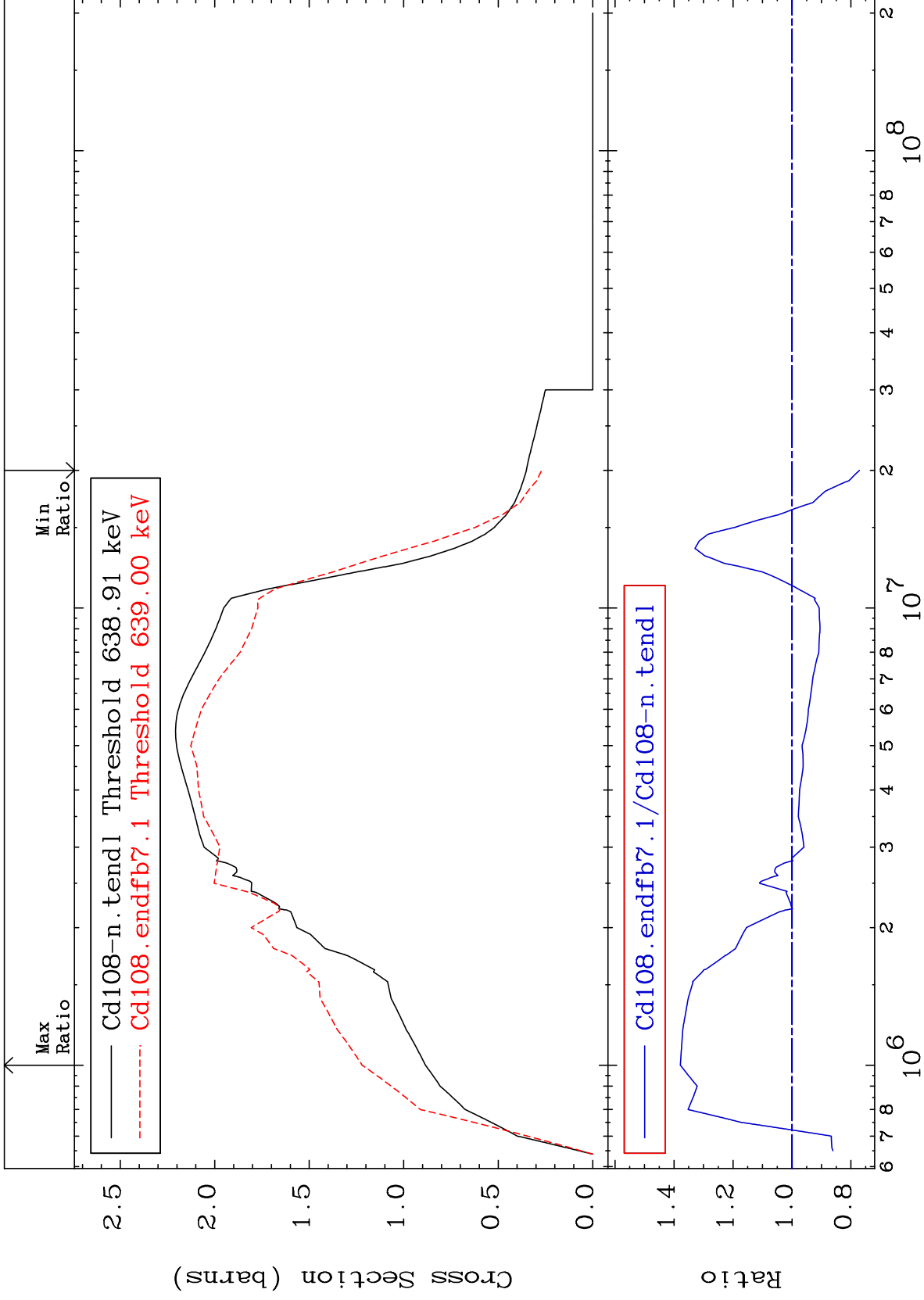
48-Cd-108  
-99.68 To 9999. %



MAT 4831

Inelastic  
Cross Section

48-Cd-108  
-22.87 To 37.84 %



3

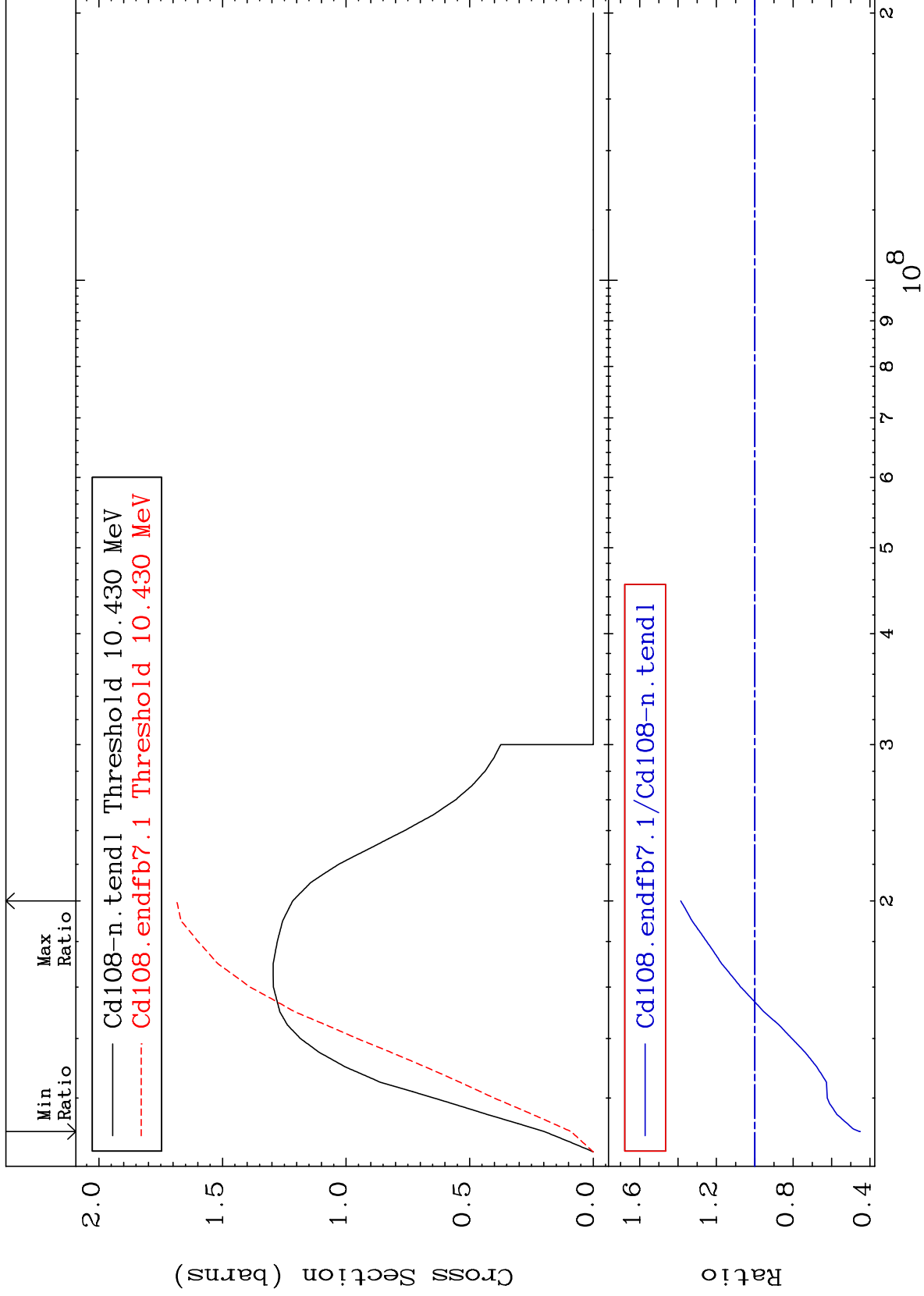
Incident Energy (eV)

48-Cd-108

MAT 4831

(n,2n)  
Cross Section

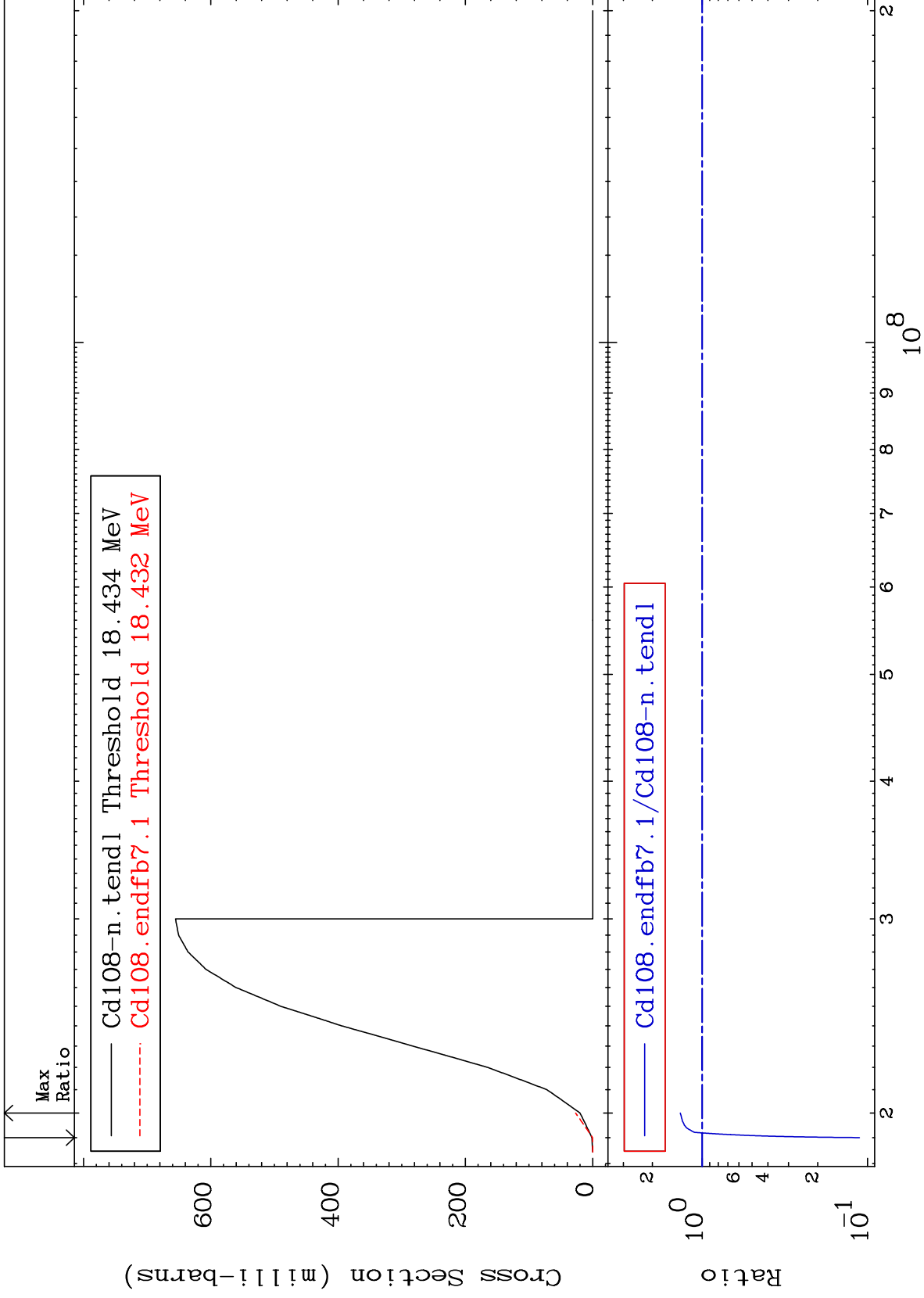
48-Cd-108  
-54.59 To 38.57 %



MAT 4831

(n,3n)  
Cross Section

48-Cd-108  
-88.81 To 35.51 %



5

48-Cd-108

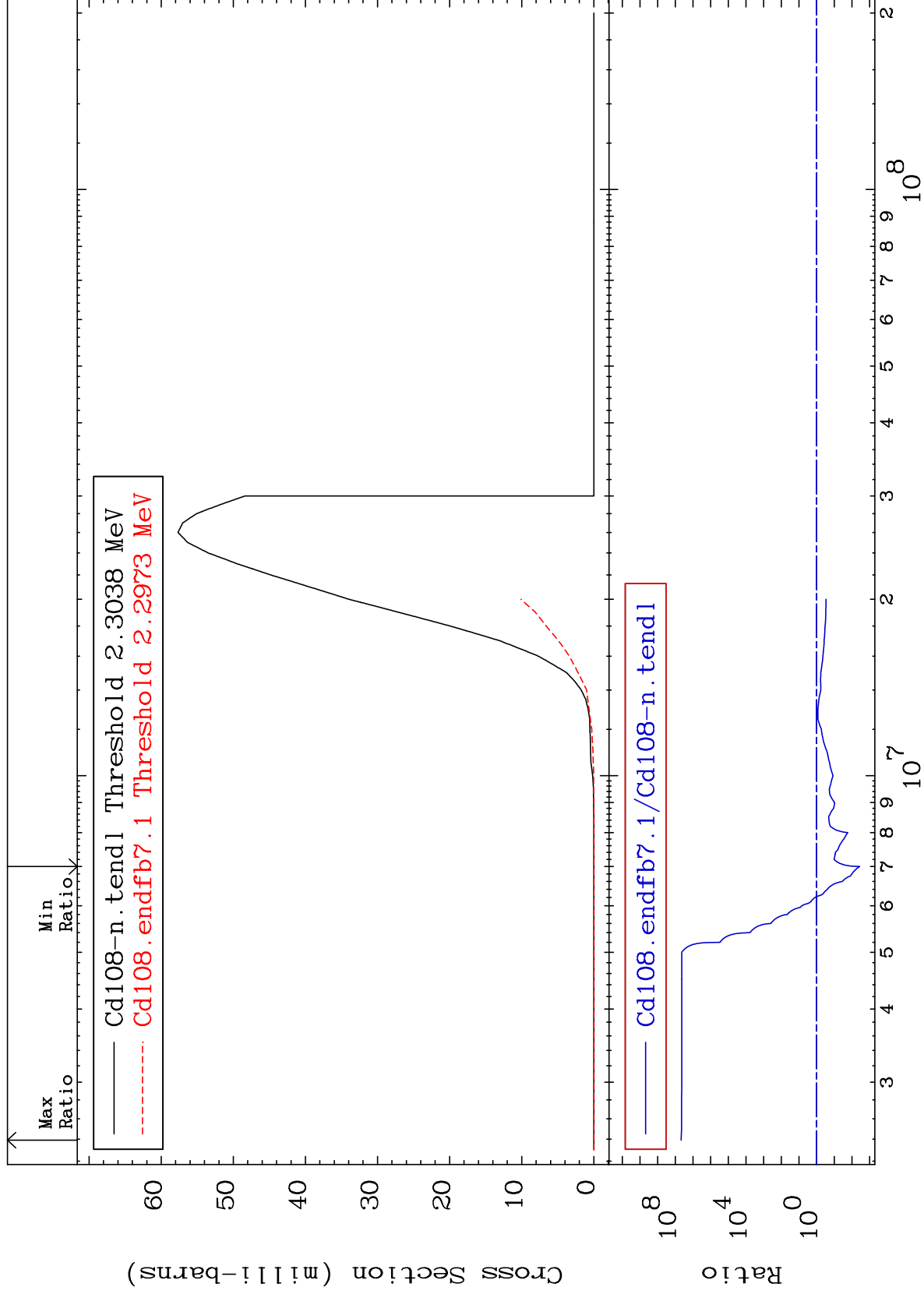
48-Cd-108

MAT 4831

48-Cd-108

(n, n')  $\alpha$   
Cross Section

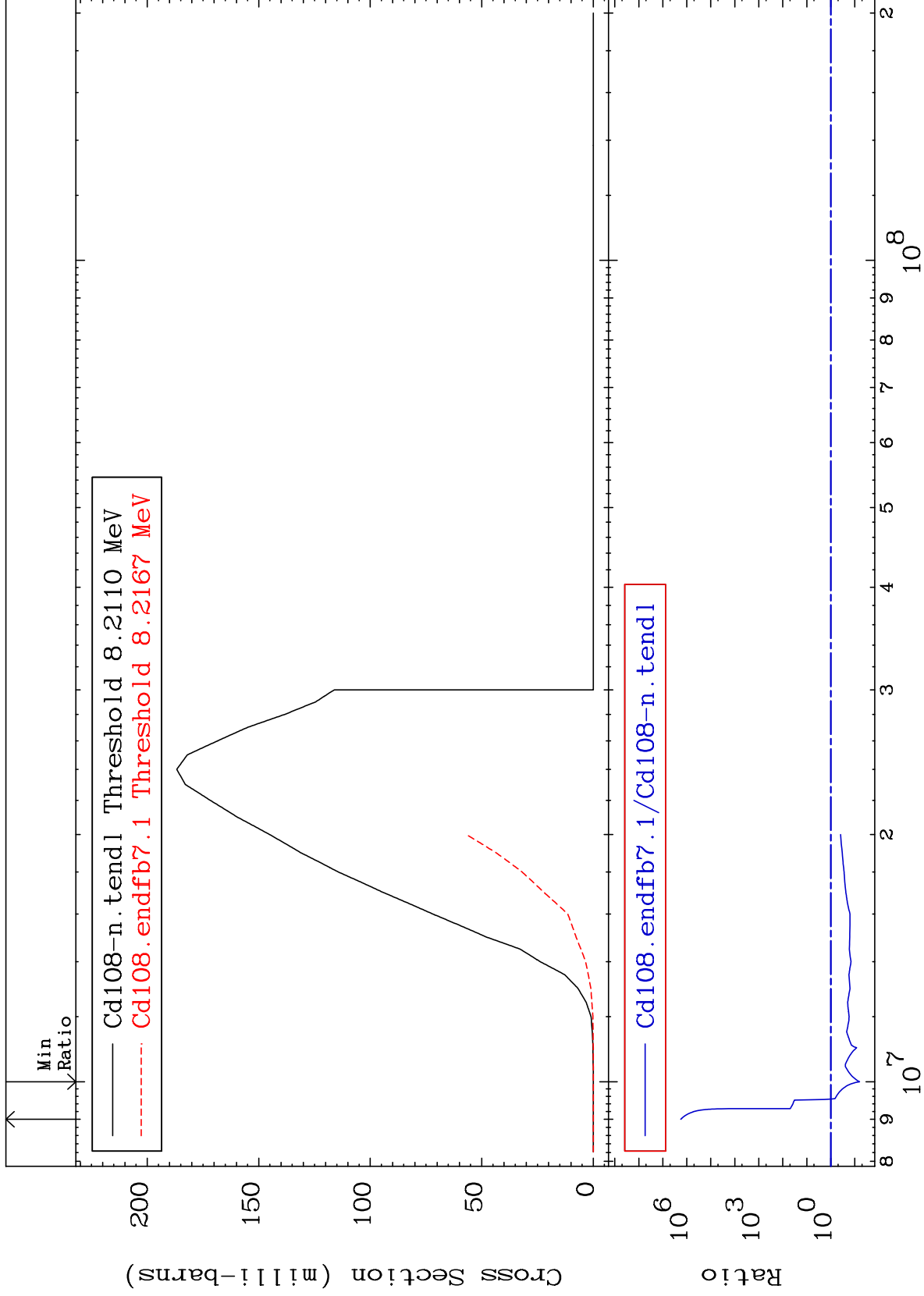
-99.63 To 9999. %



MAT 4831

(n, n') p  
Cross Section

48-Cd-108  
-93.67 To 9999. %



7

Incident Energy (eV)

48-Cd-108

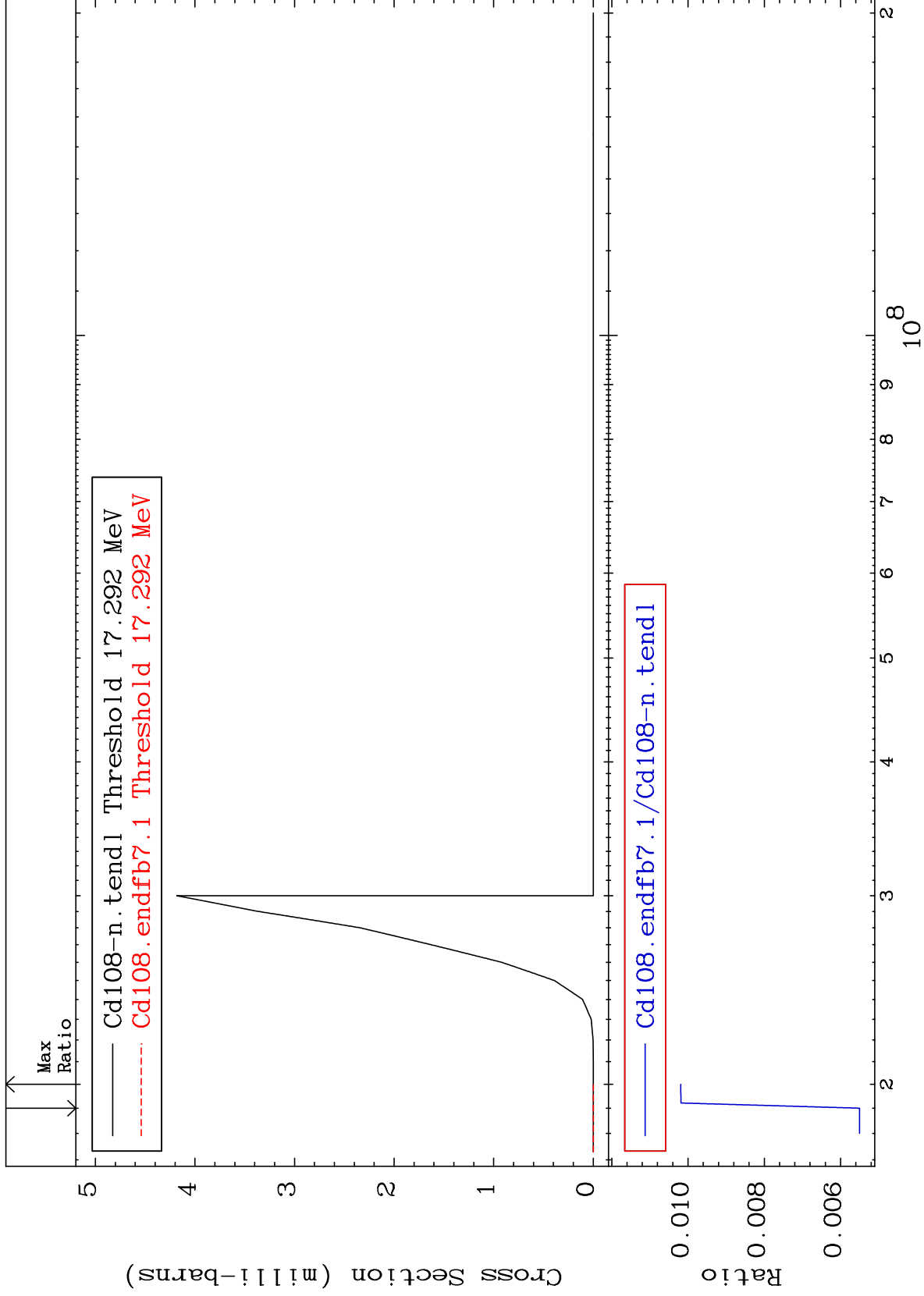




MAT 4831

(n,n') t  
Cross Section

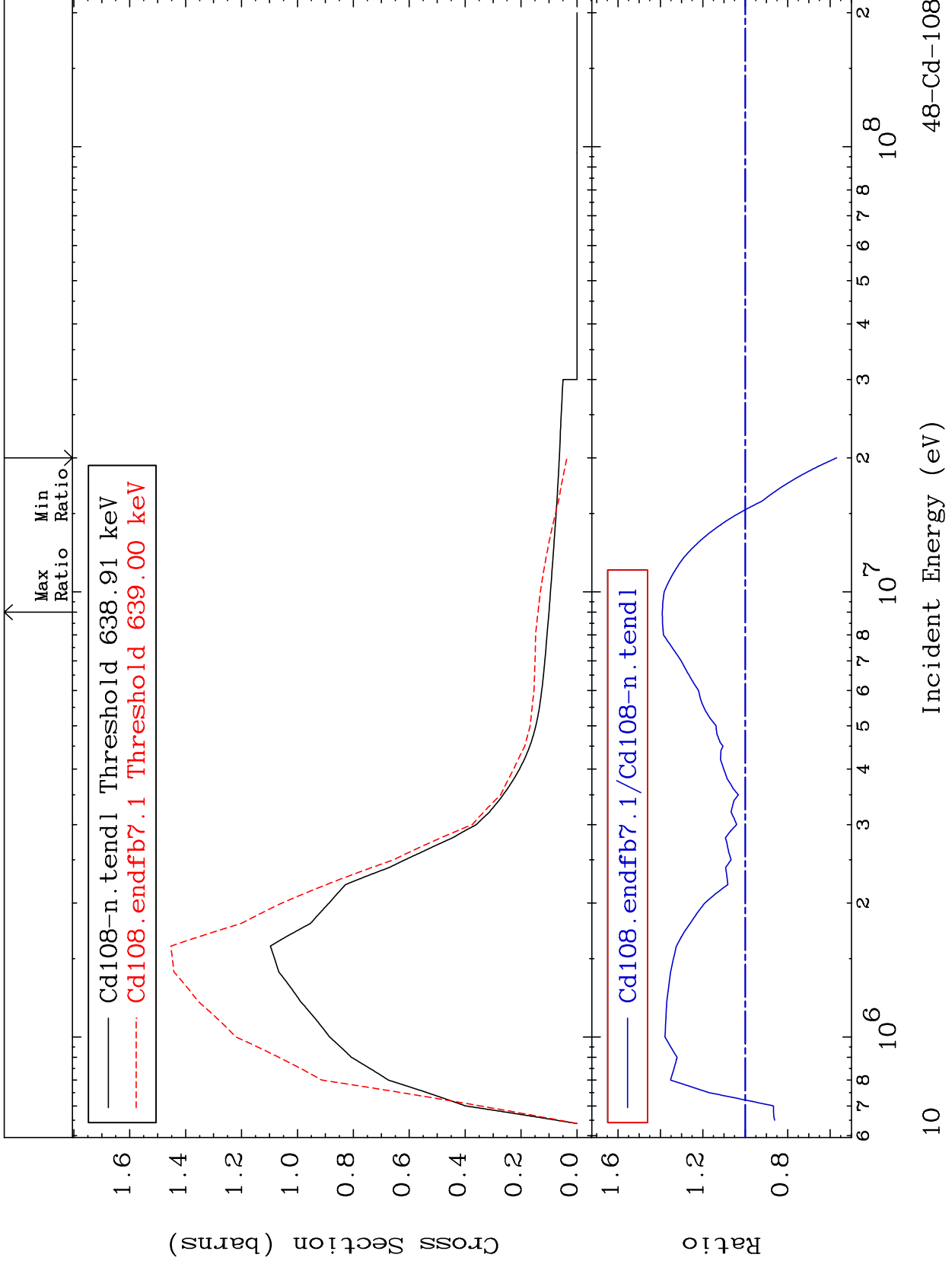
48-Cd-108  
-99.45 To -98.98%



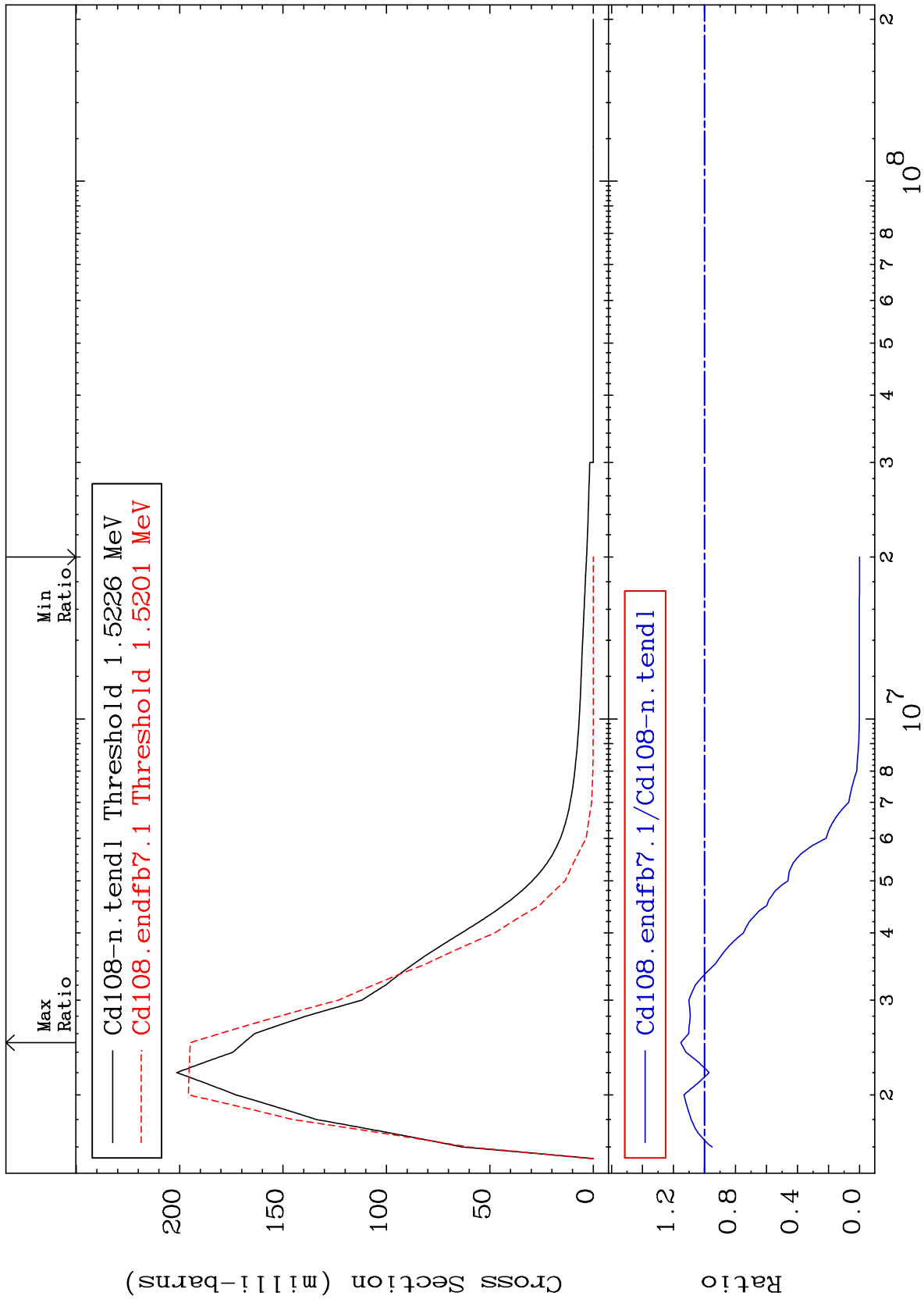
MAT 4831

633.0 keV (n,n') Level  
Cross Section

48-Cd-108  
-43.09 To 39.08 %



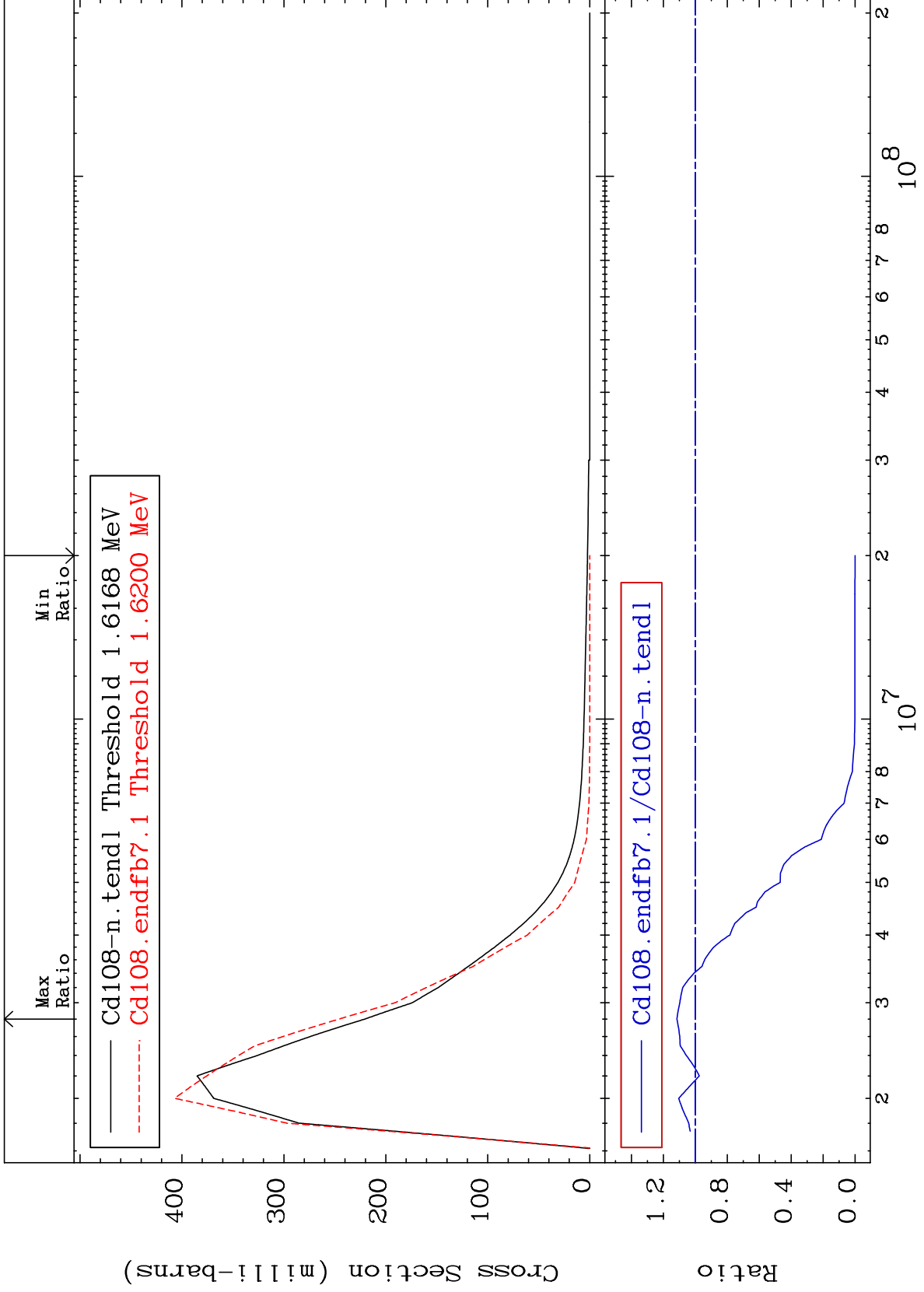
MAT 4831 1.508 MeV (n,n') Level 48-Cd-108  
 Cross Section -100.0 To 15.33 %



MAT 4831

1.602 MeV (n,n') Level  
Cross Section

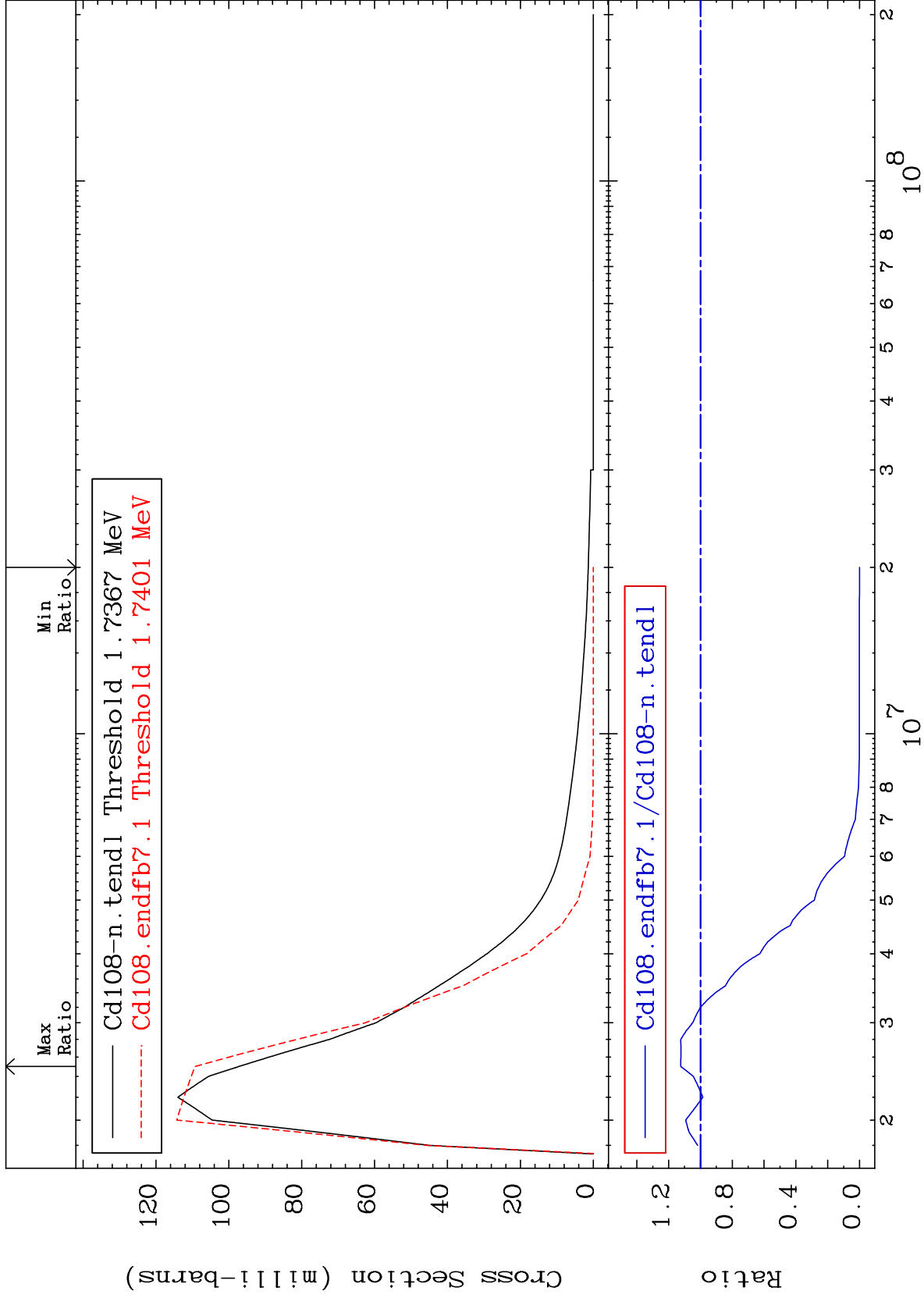
48-Cd-108  
-100.0 To 11.50 %



MAT 4831

1.721 MeV (n,n') Level  
Cross Section

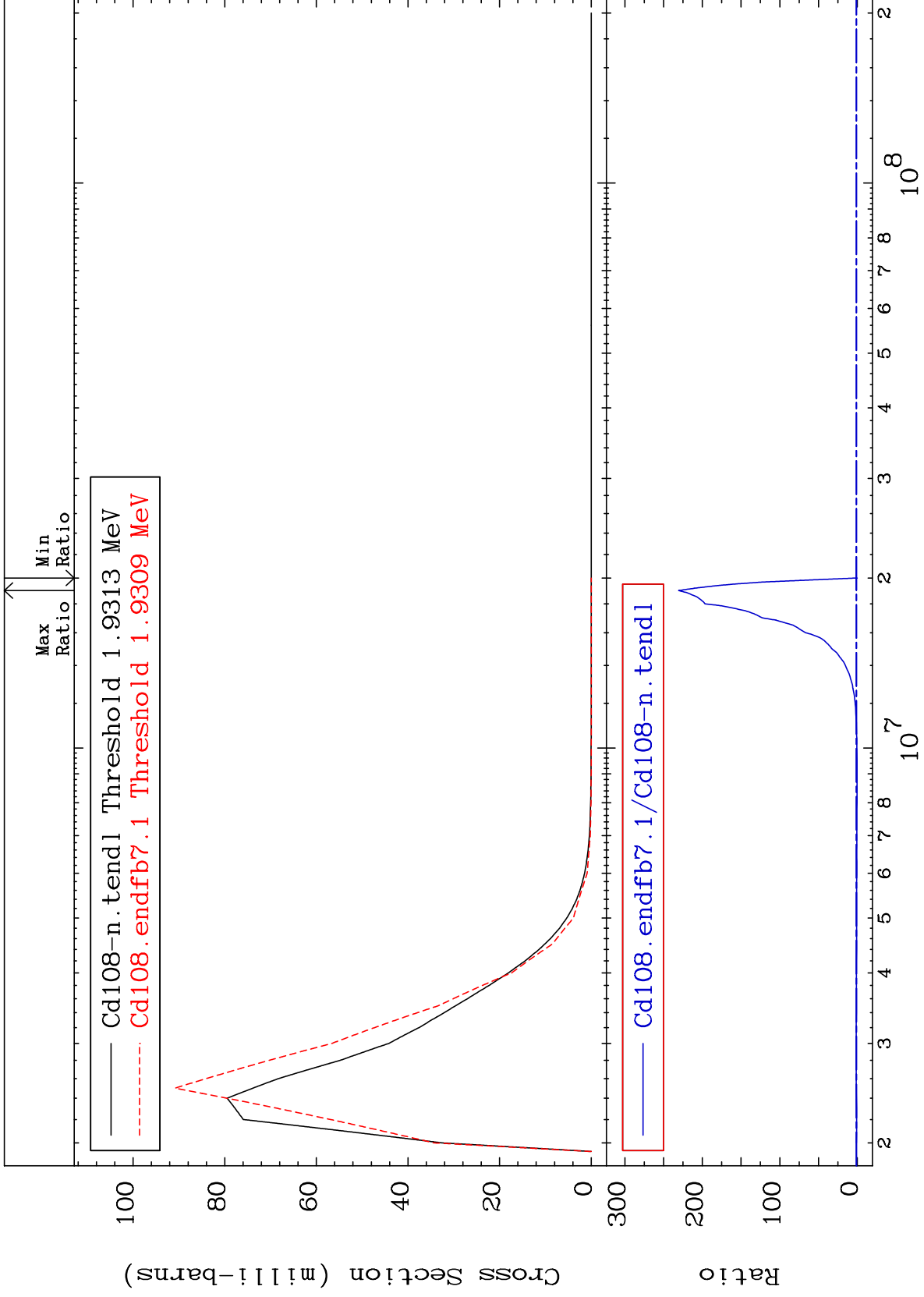
48-Cd-108  
-100.0 To 12.38 %



MAT 4831

1.913 MeV (n,n') Level  
Cross Section

48-Cd-108  
-100.0 To 9999. %



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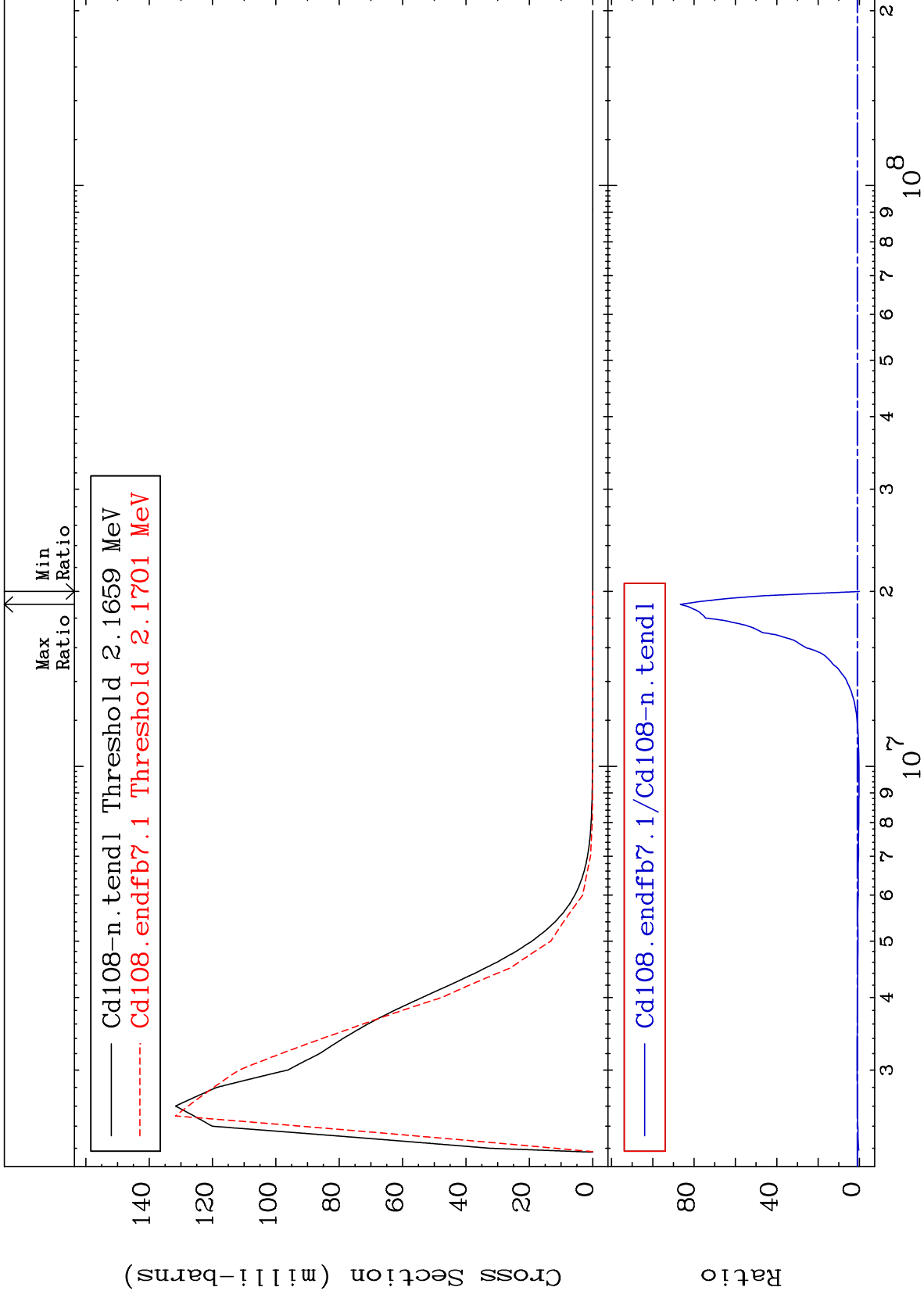
Incident Energy (eV)

48-Cd-108

MAT 4831

2.146 MeV (n,n') Level  
Cross Section

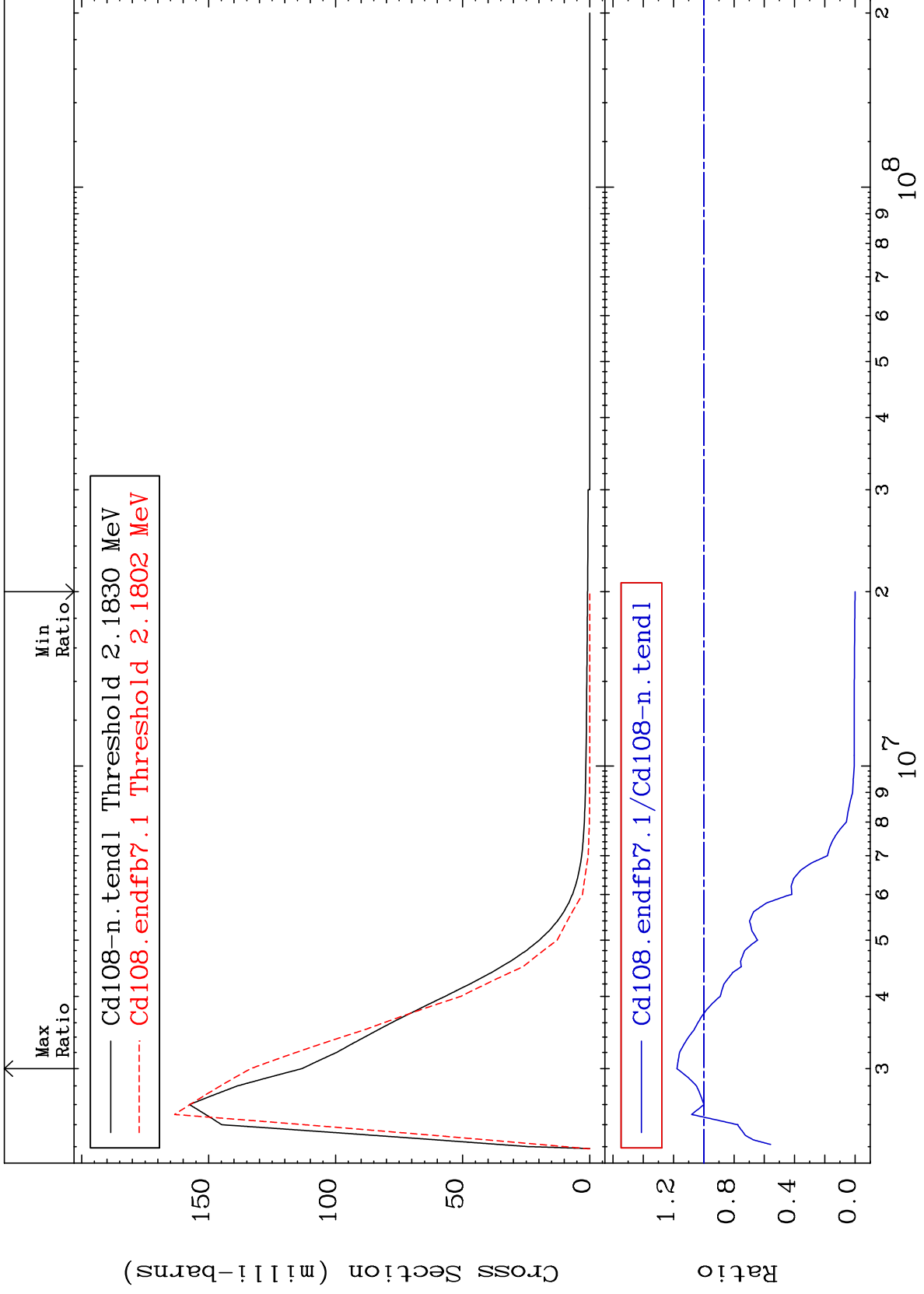
48-Cd-108  
-100.0 To 8565. %



MAT 4831

2.163 MeV (n,n') Level  
Cross Section

48-Cd-108  
-100.0 To 17.76 %



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Incident Energy (eV)

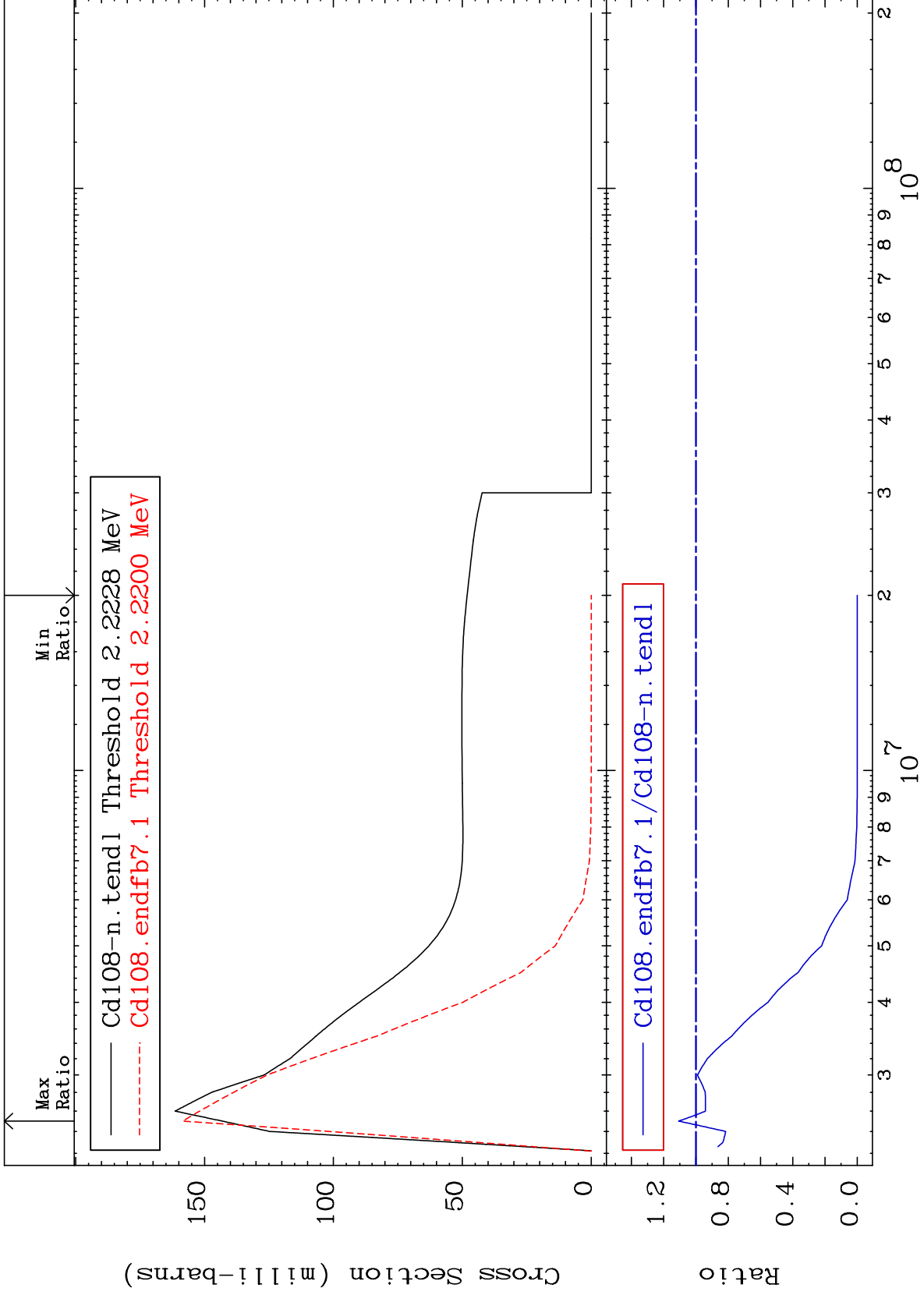
48-Cd-108



MAT 4831

2.202 MeV (n,n') Level  
Cross Section

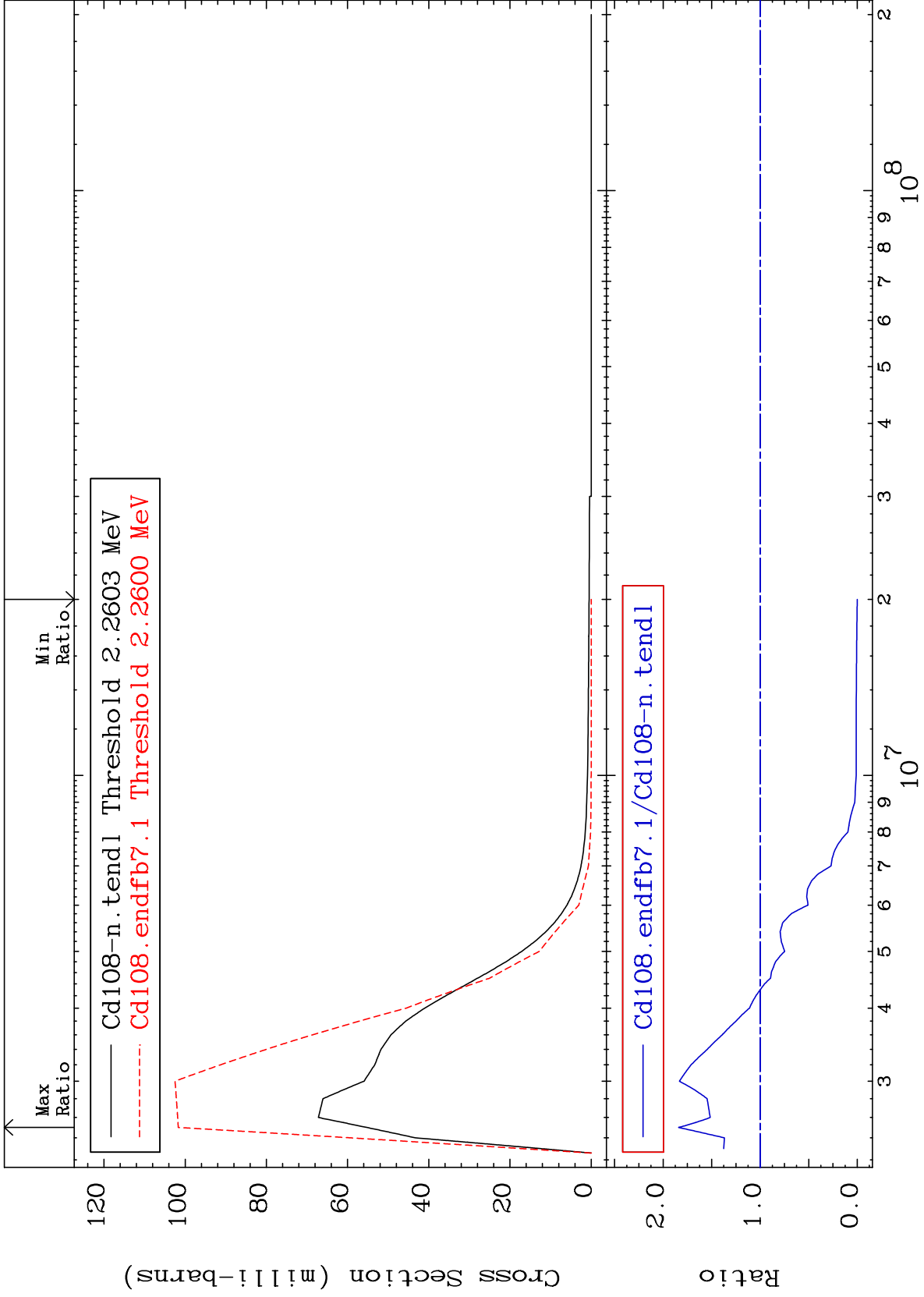
48-Cd-108  
-100.0 To 10.74 %



MAT 4831

2.239 MeV (n,n') Level  
Cross Section

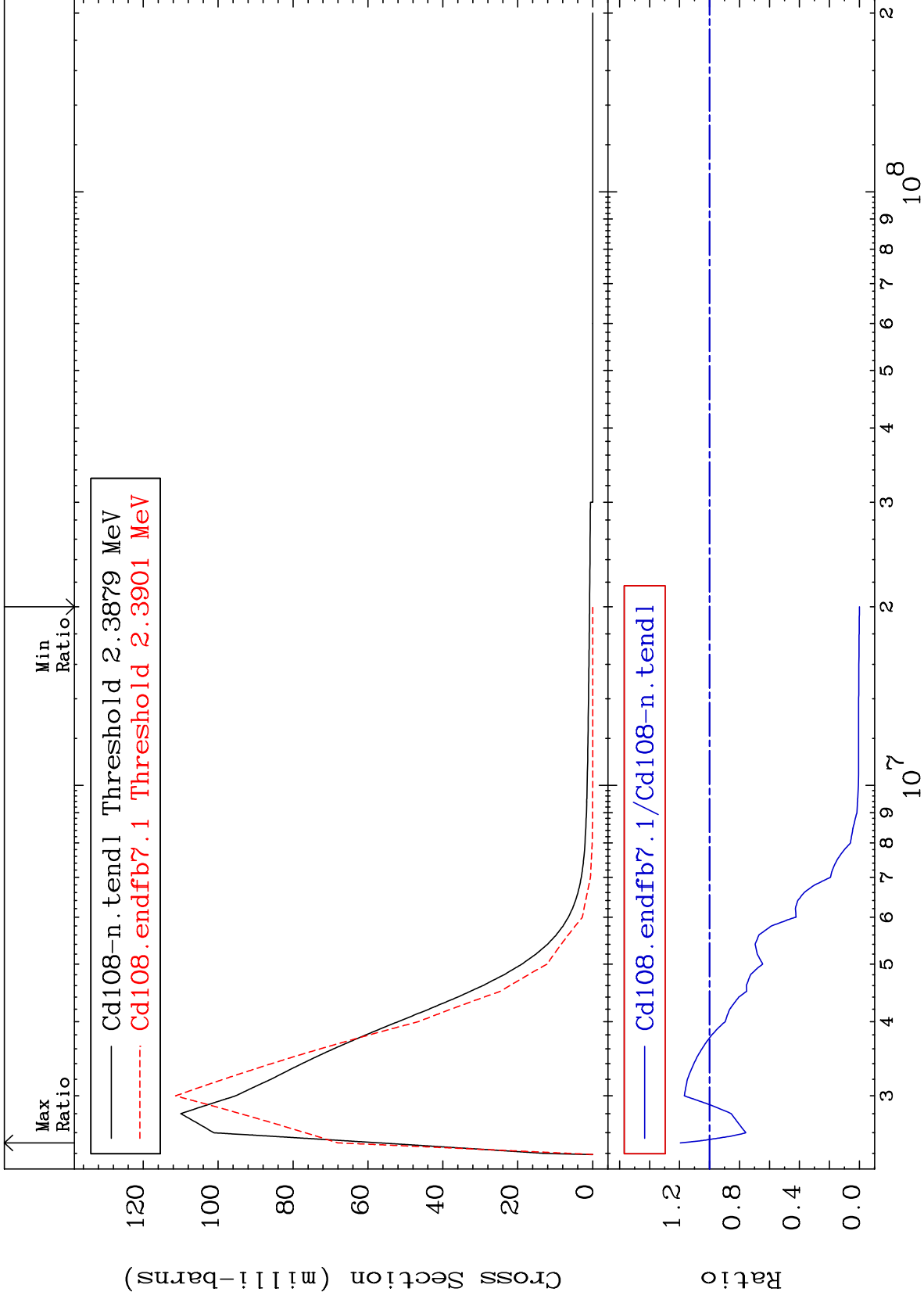
48-Cd-108  
-100.0 To 84.03 %

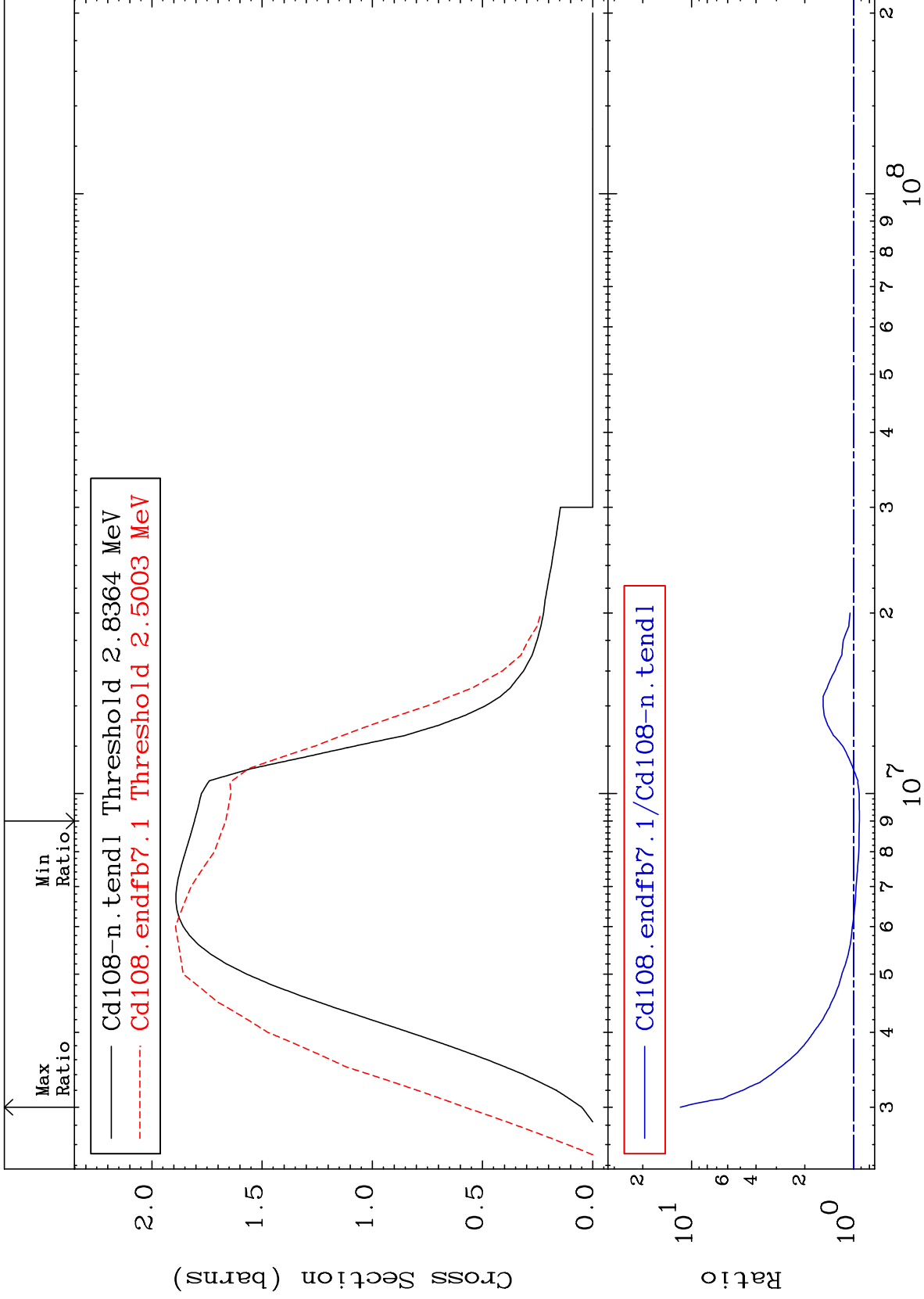


MAT 4831

2.366 MeV (n,n') Level  
Cross Section

48-Cd-108  
-100.0 To 19.47 %

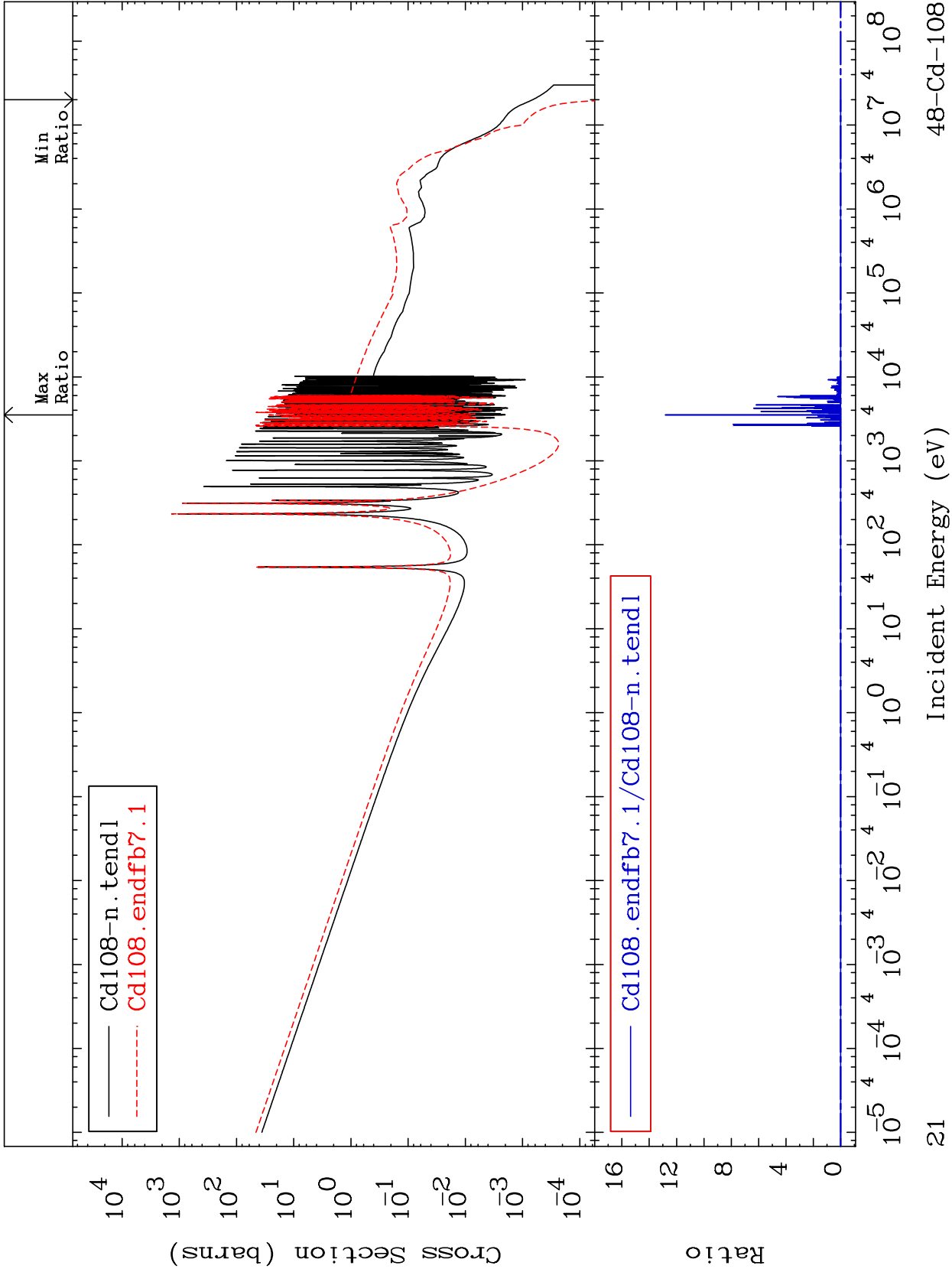




MAT 4831

(n,  $\gamma$ )  
Cross Section

48-Cd-108  
-100.0 To 9999. %



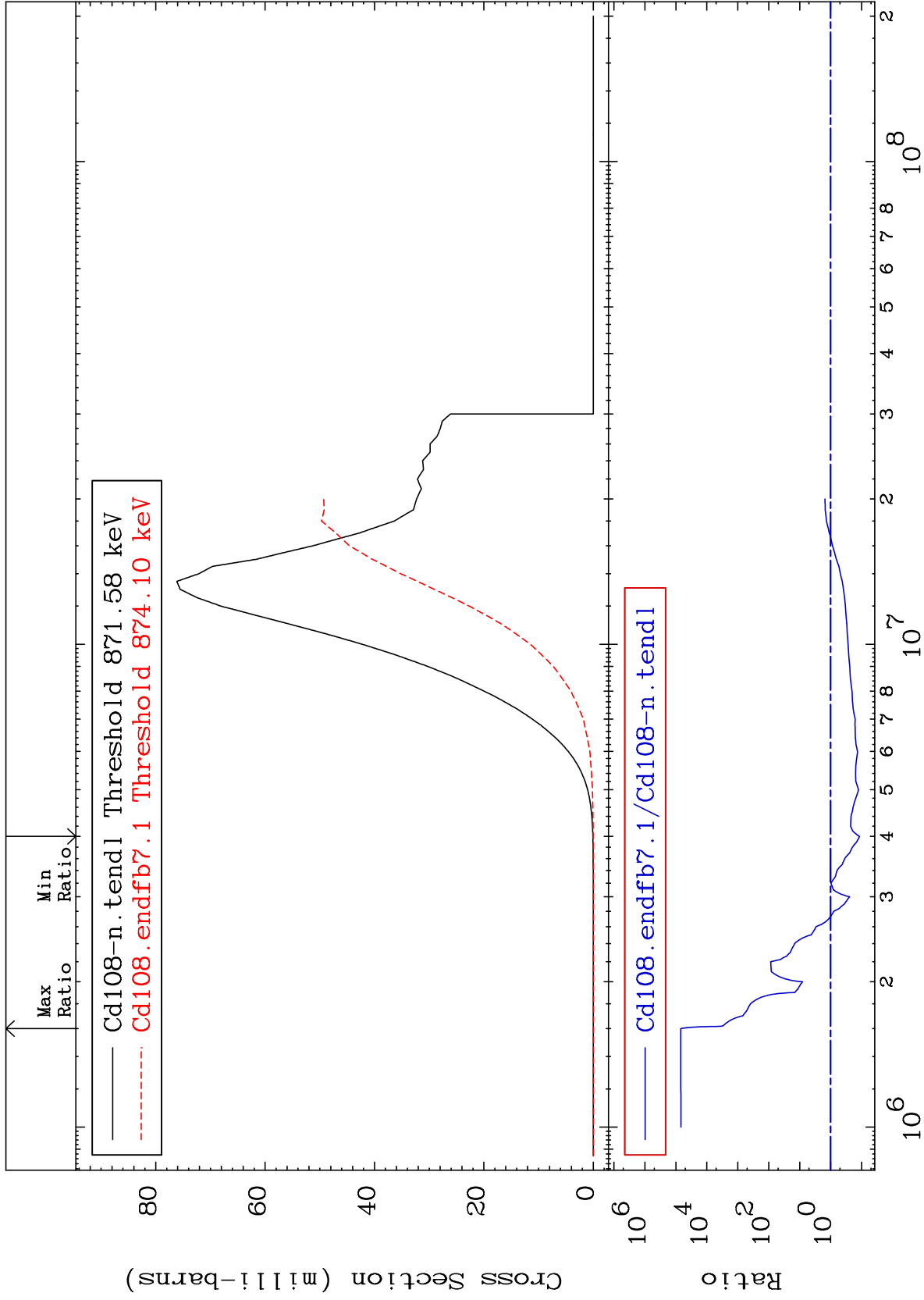
MAT 4831

(n,p)

48-Cd-108

Cross Section

-88.34 To 9999. %



22

48-Cd-108

48-Cd-108

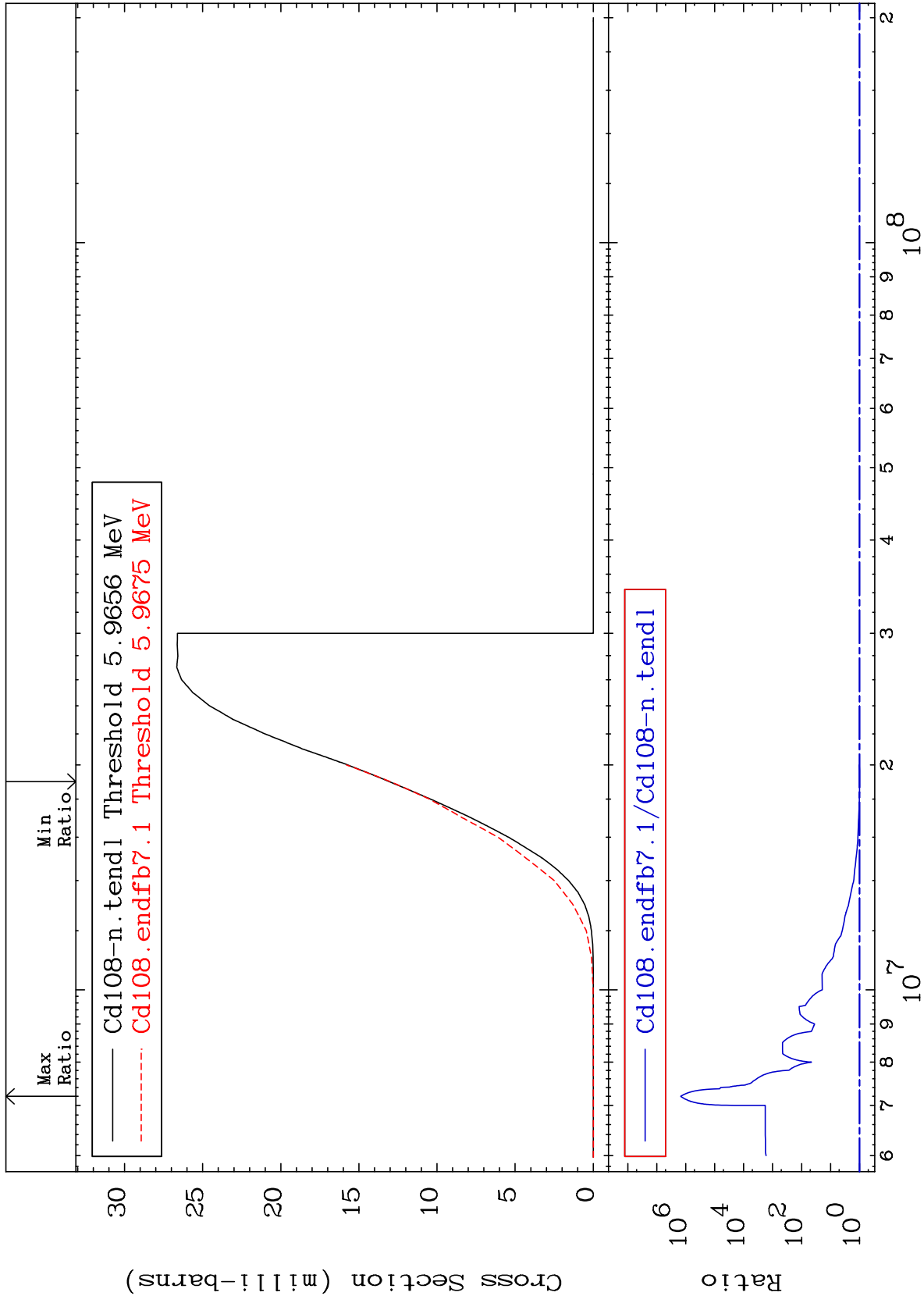
MAT 4831

(n, d)

48-Cd-108

Cross Section

-0.520 To 9999. %



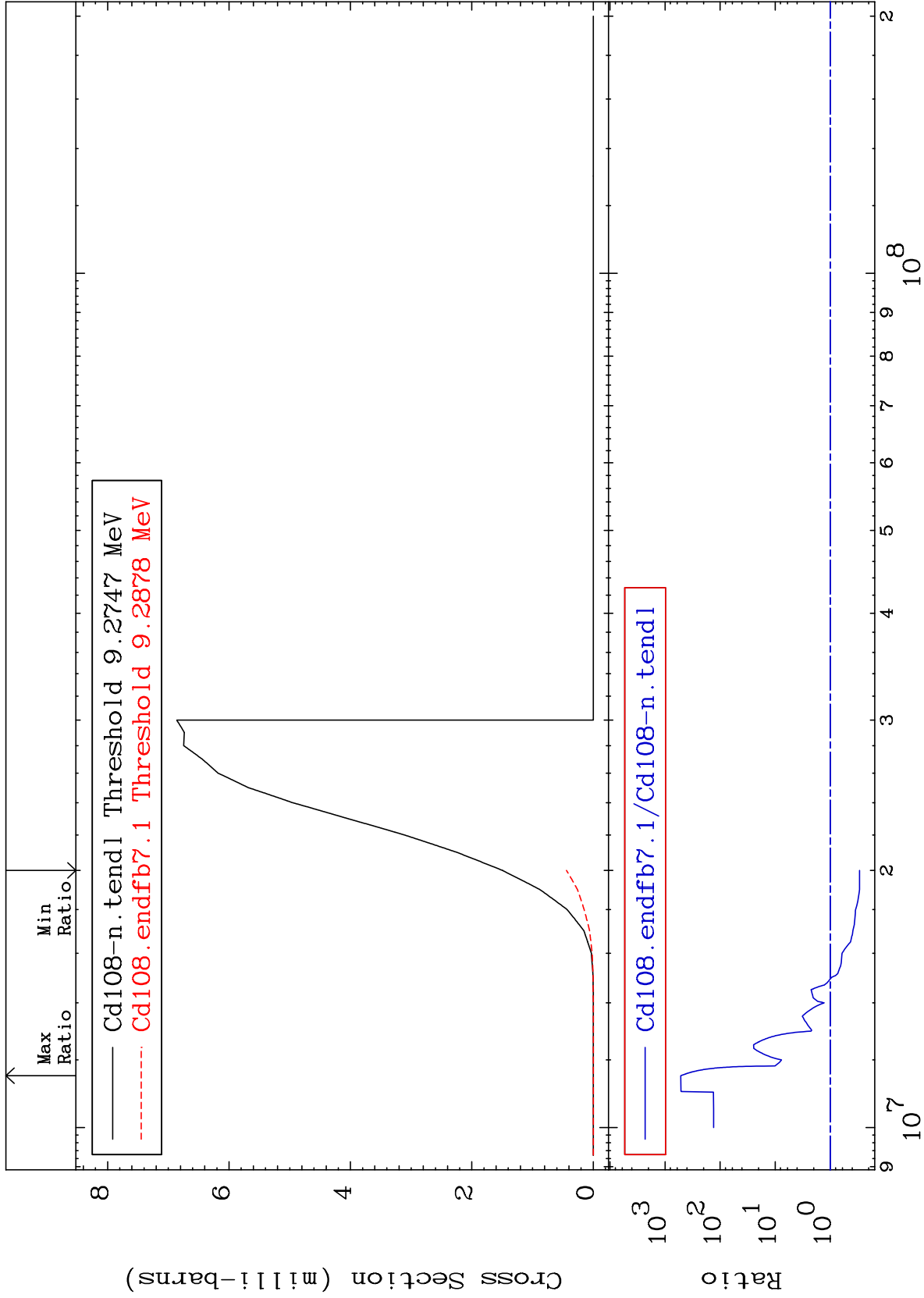
MAT 4831

(n, t)

48-Cd-108

Cross Section

-70.58 To 9999. %



24

Incident Energy (eV)

48-Cd-108



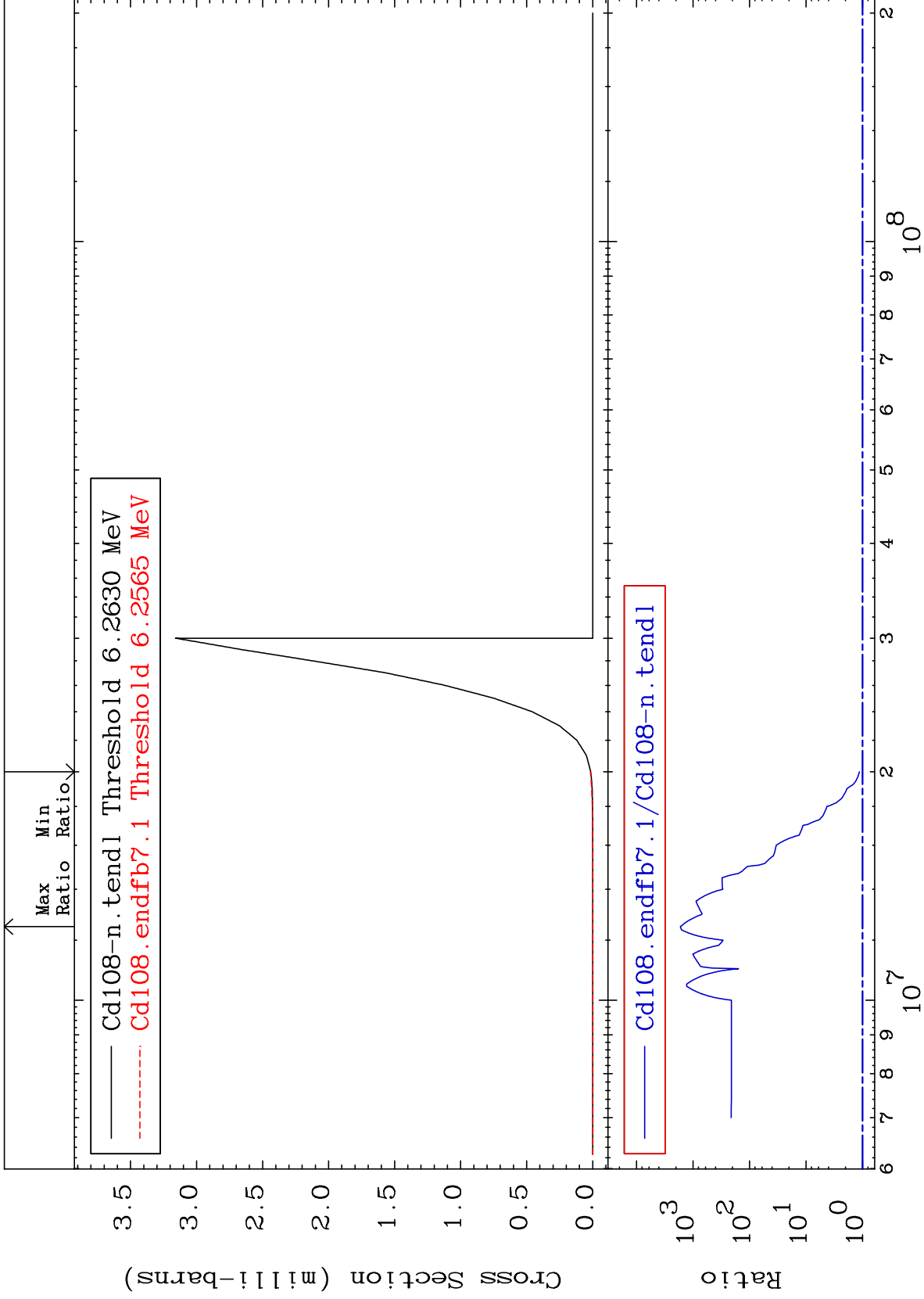
MAT 4831

(n, He-3)

48-Cd-108

Cross Section

13.52 To 9999. %



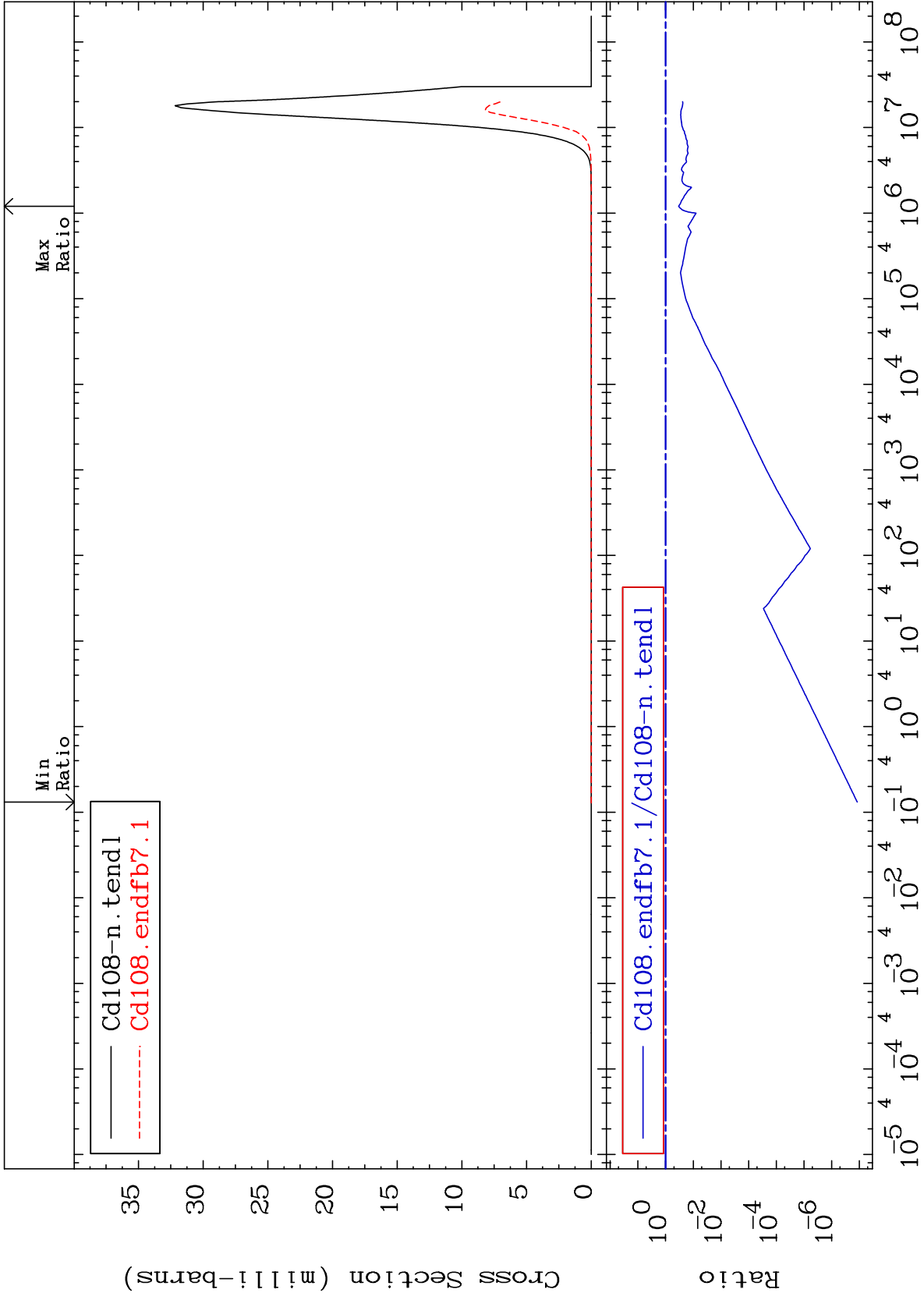
25

Incident Energy (eV)

48-Cd-108

MAT 4831

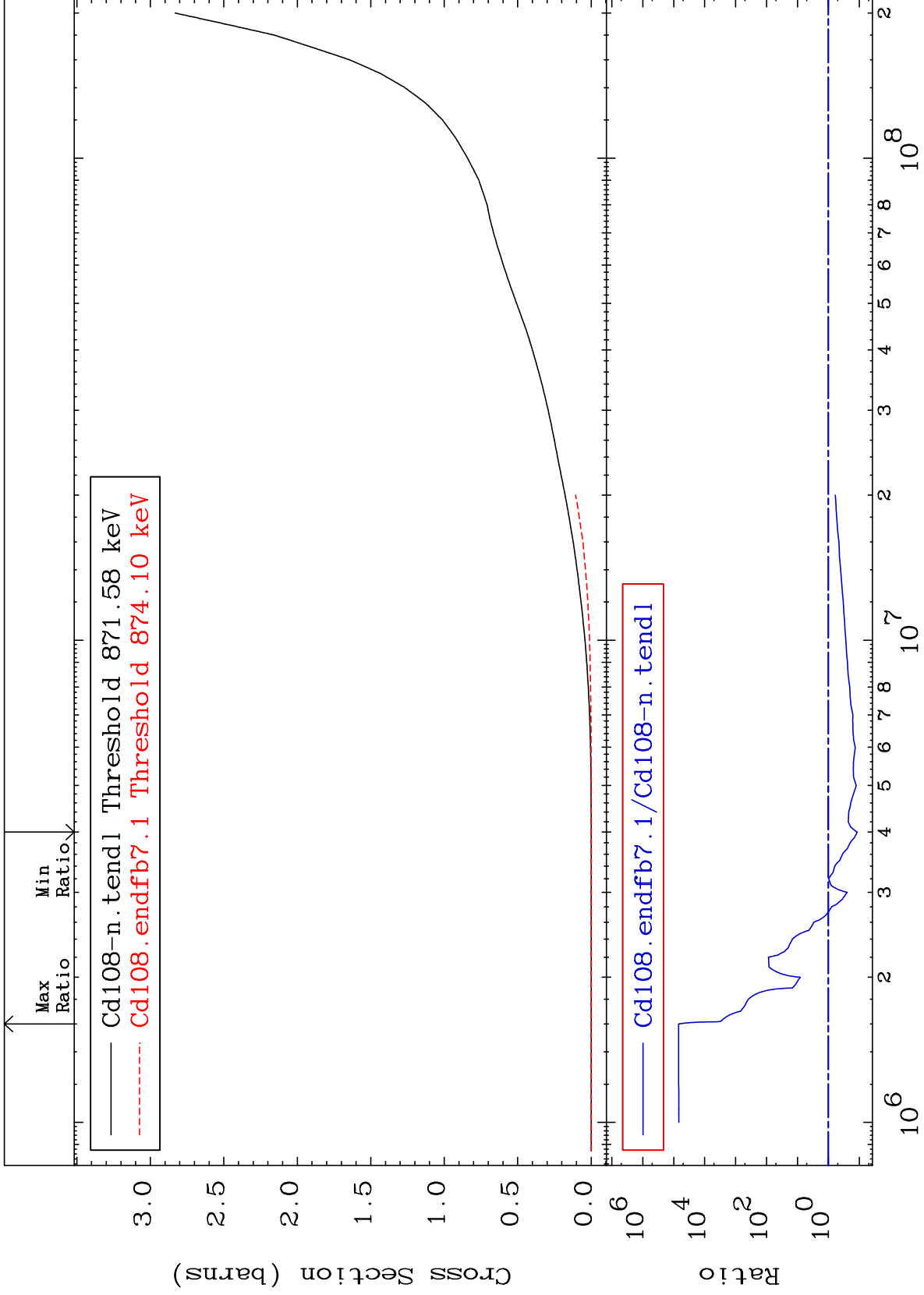
(n,  $\alpha$ )  
Cross Section  
48-Cd-108  
-100.0 To -66.21%



MAT 4831

Hydrogen Production  
Cross Section

48-Cd-108  
-88.34 To 9999. %



27

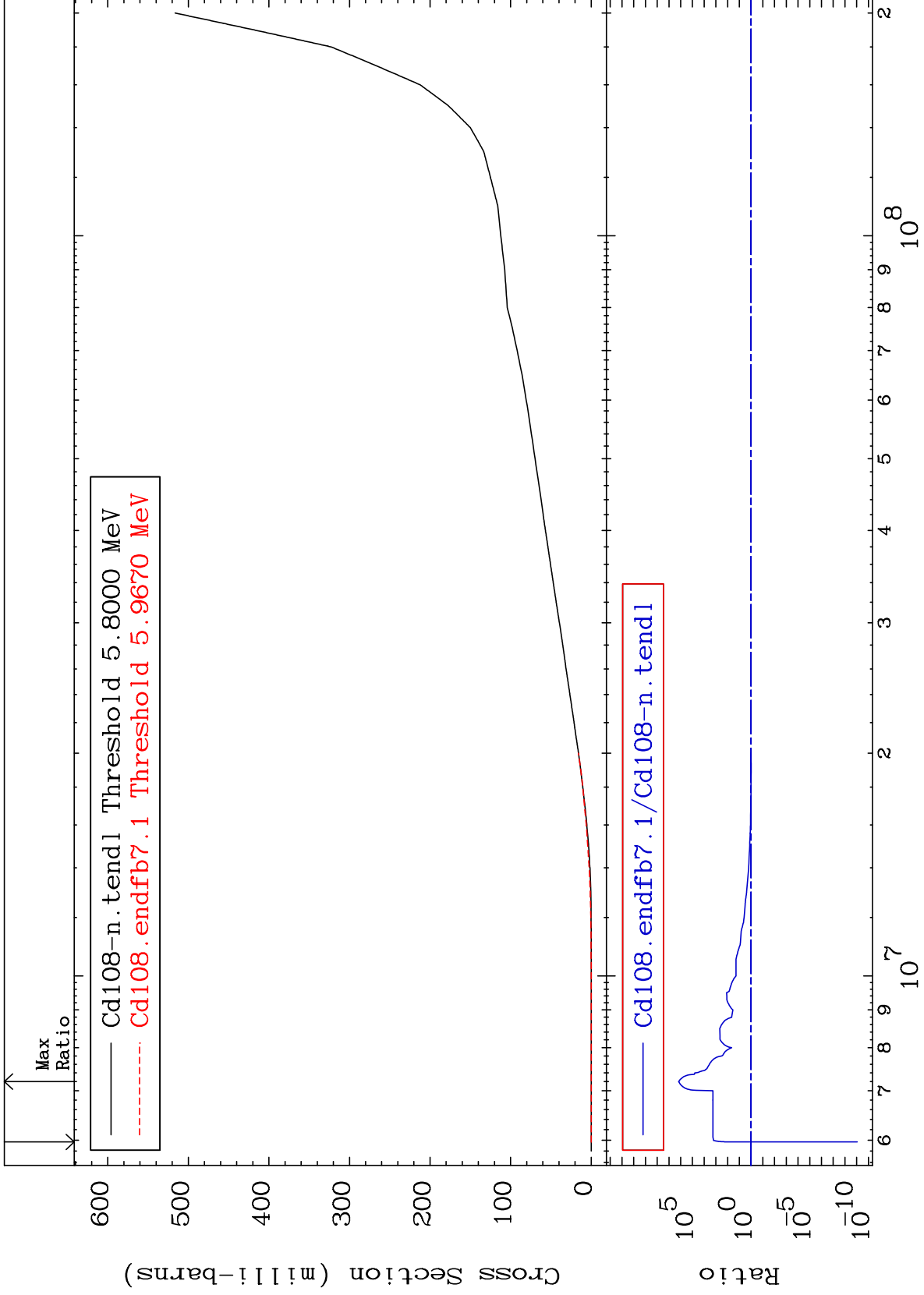
Incident Energy (eV)

48-Cd-108

MAT 4831

Deuterium Production  
Cross Section

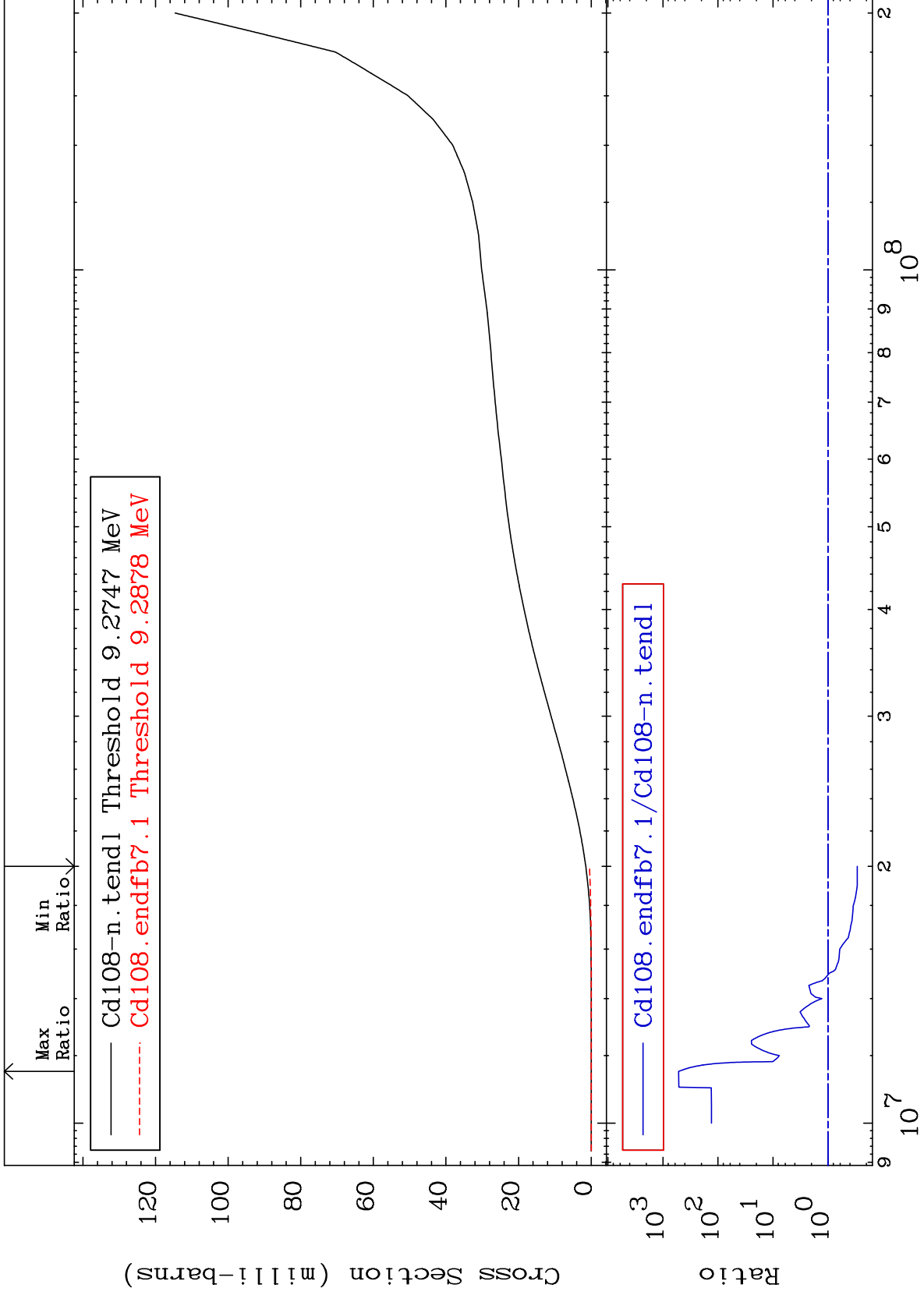
48-Cd-108  
-100.0 To 9999. %



MAT 4831

Tritium Production  
Cross Section

48-Cd-108  
-70.58 To 9999. %



29

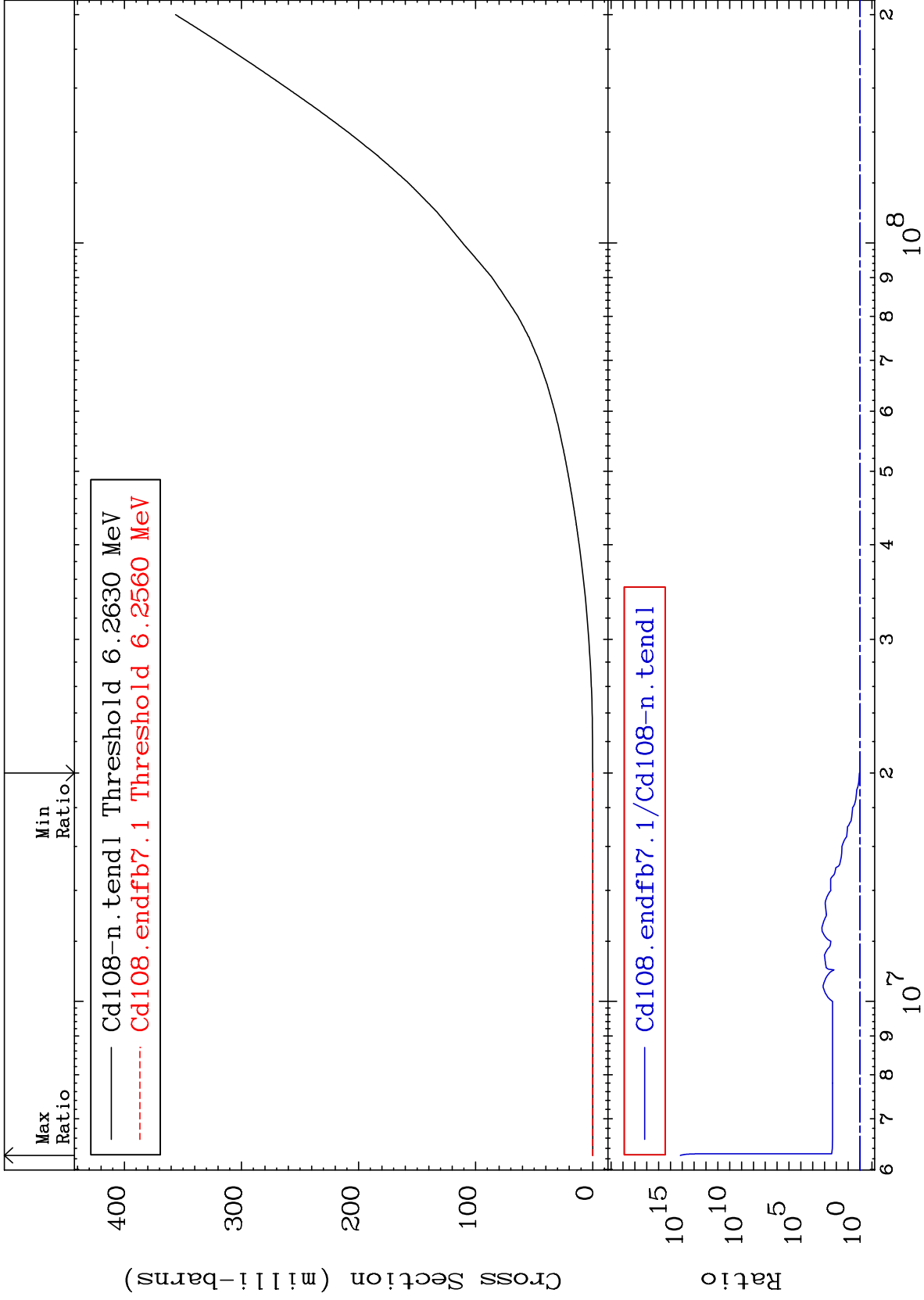
Incident Energy (eV)

48-Cd-108

MAT 4831

He-3 Production  
Cross Section

48-Cd-108  
13.52 To 9999. %



30

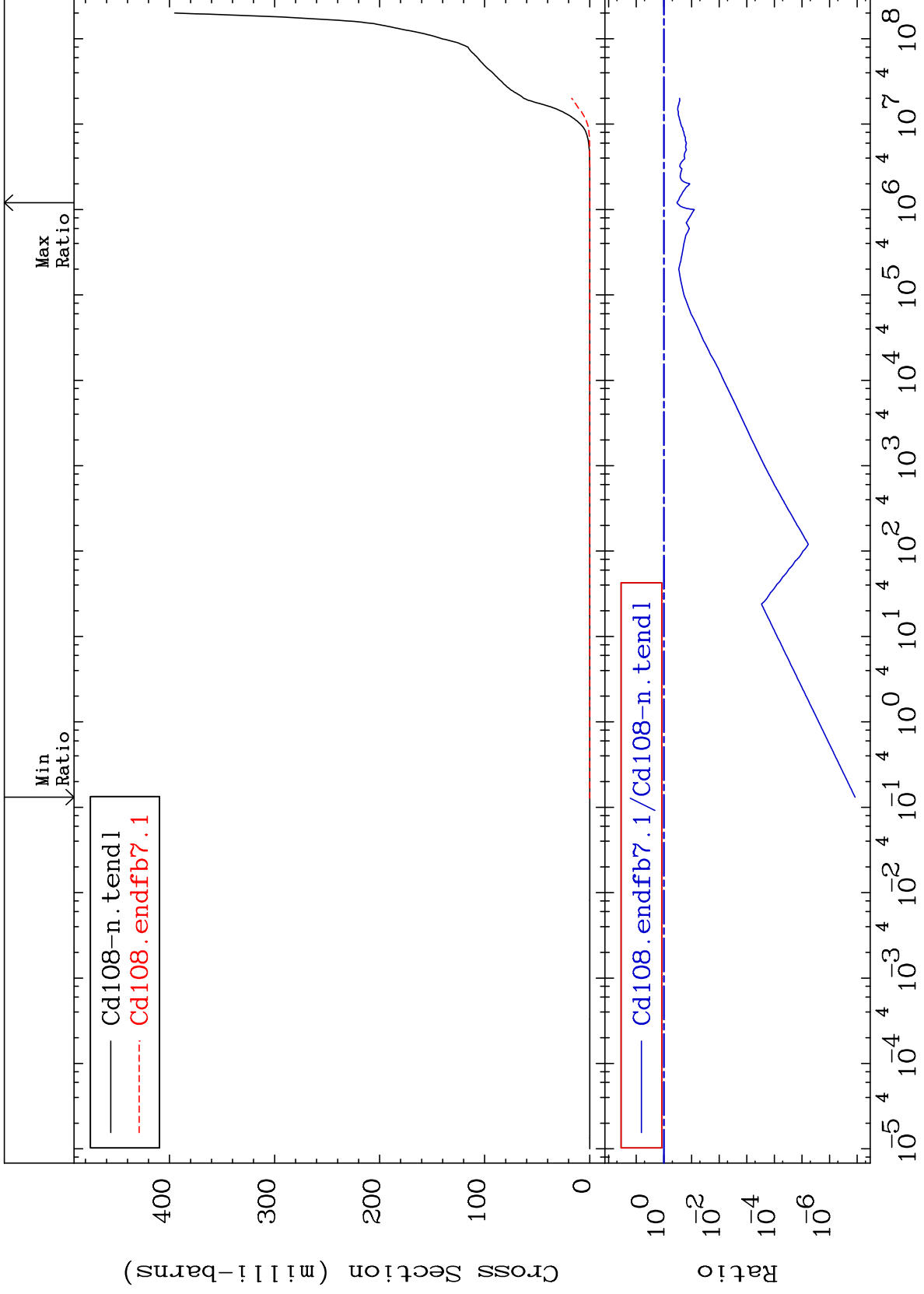
Incident Energy (eV)

48-Cd-108

MAT 4831

He-4 Production  
Cross Section

48-Cd-108  
-100.0 To -66.21%



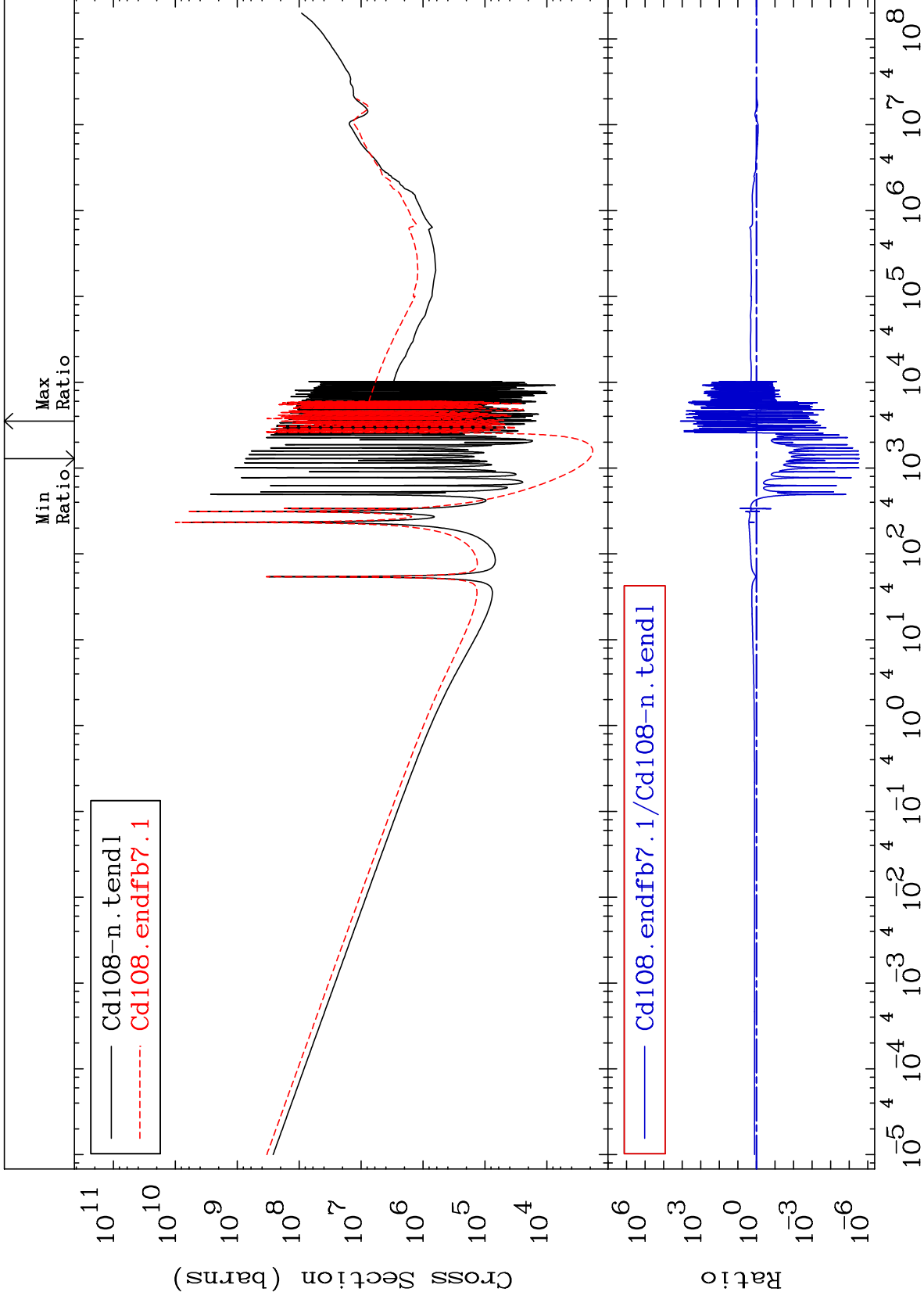
MAT 4831

Kerma total (eV-barns)

48-Cd-108

Cross Section

-100.0 To 9999. %



32

Incident Energy (eV)

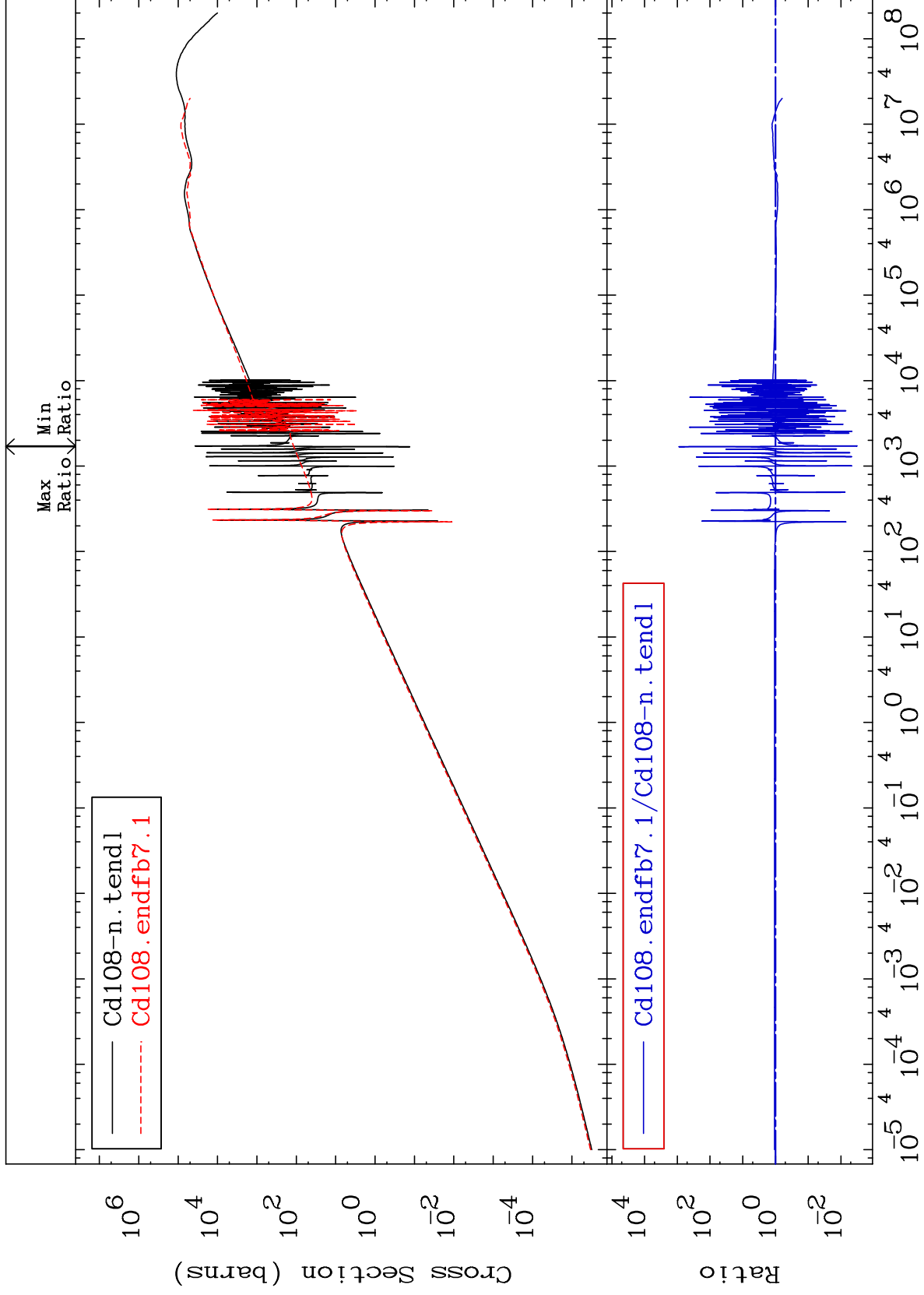
48-Cd-108



MAT 4831

Kerma elastic  
Cross Section

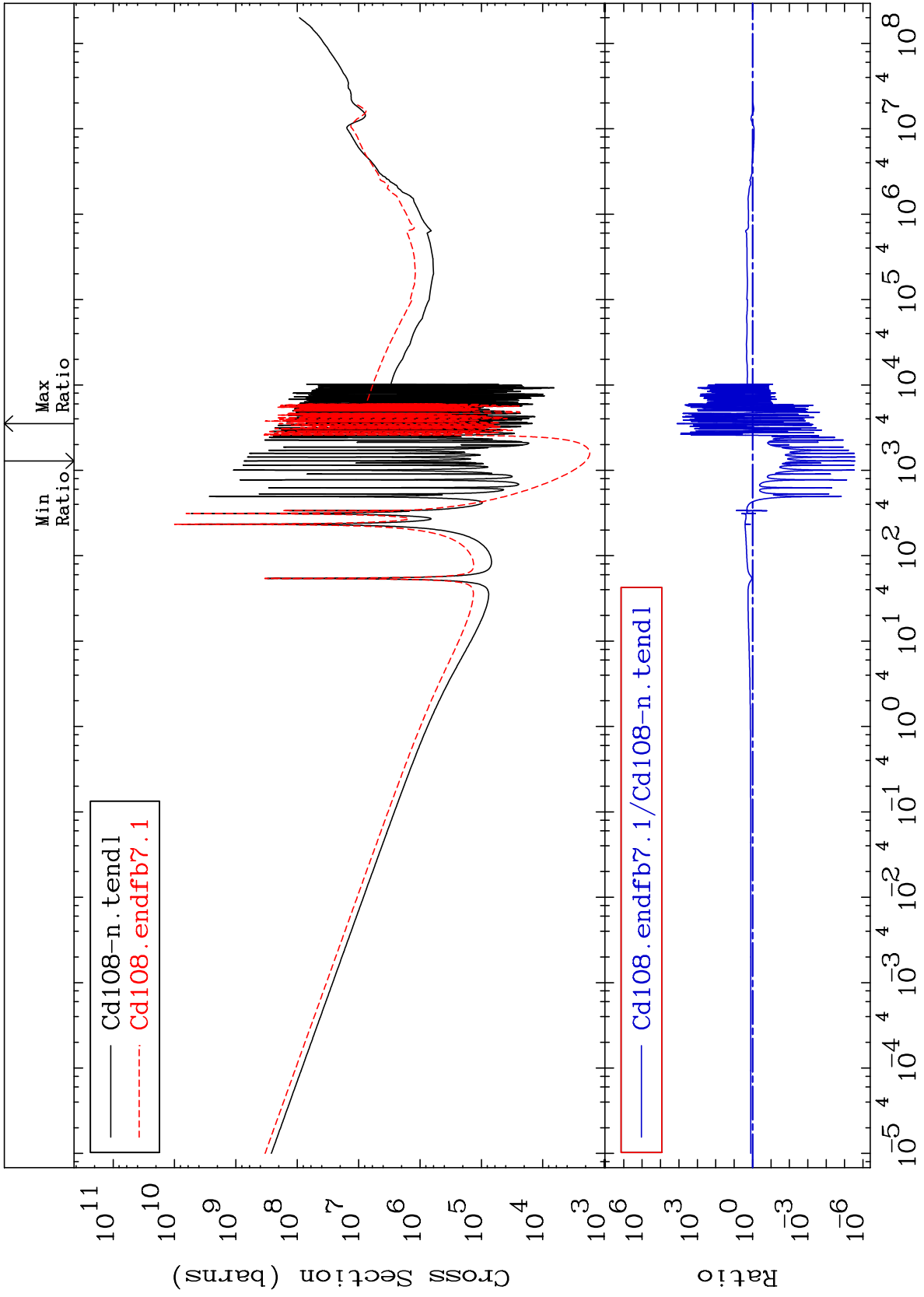
48-Cd-108  
-99.69 To 9999. %



MAT 4831

Kerma non-elastic (all but mt2)  
Cross Section

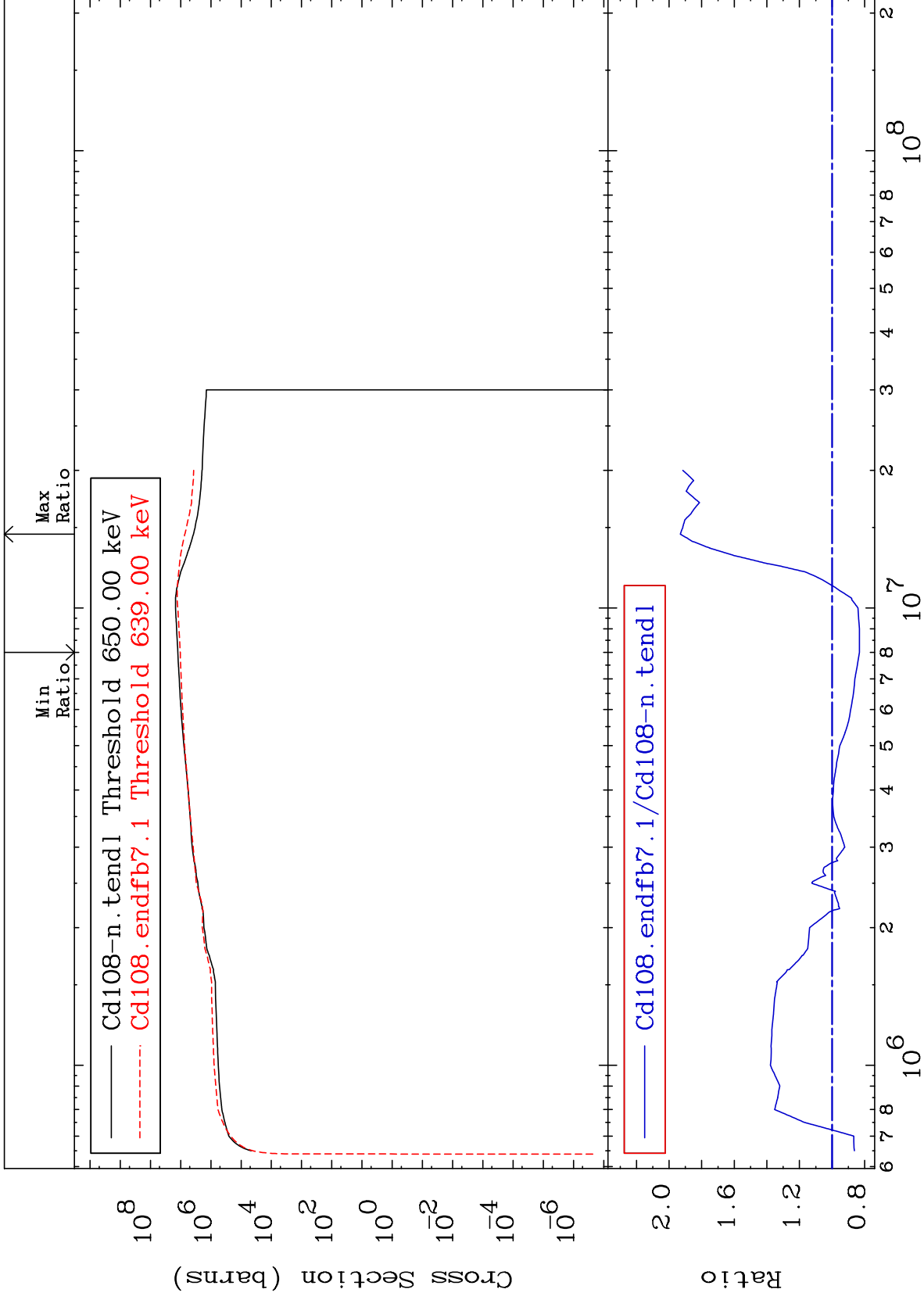
48-Cd-108  
-100.0 To 9999. %



MAT 4831

Kerma inelastic (mt51-91)  
Cross Section

48-Cd-108  
-16.81 To 93.08 %



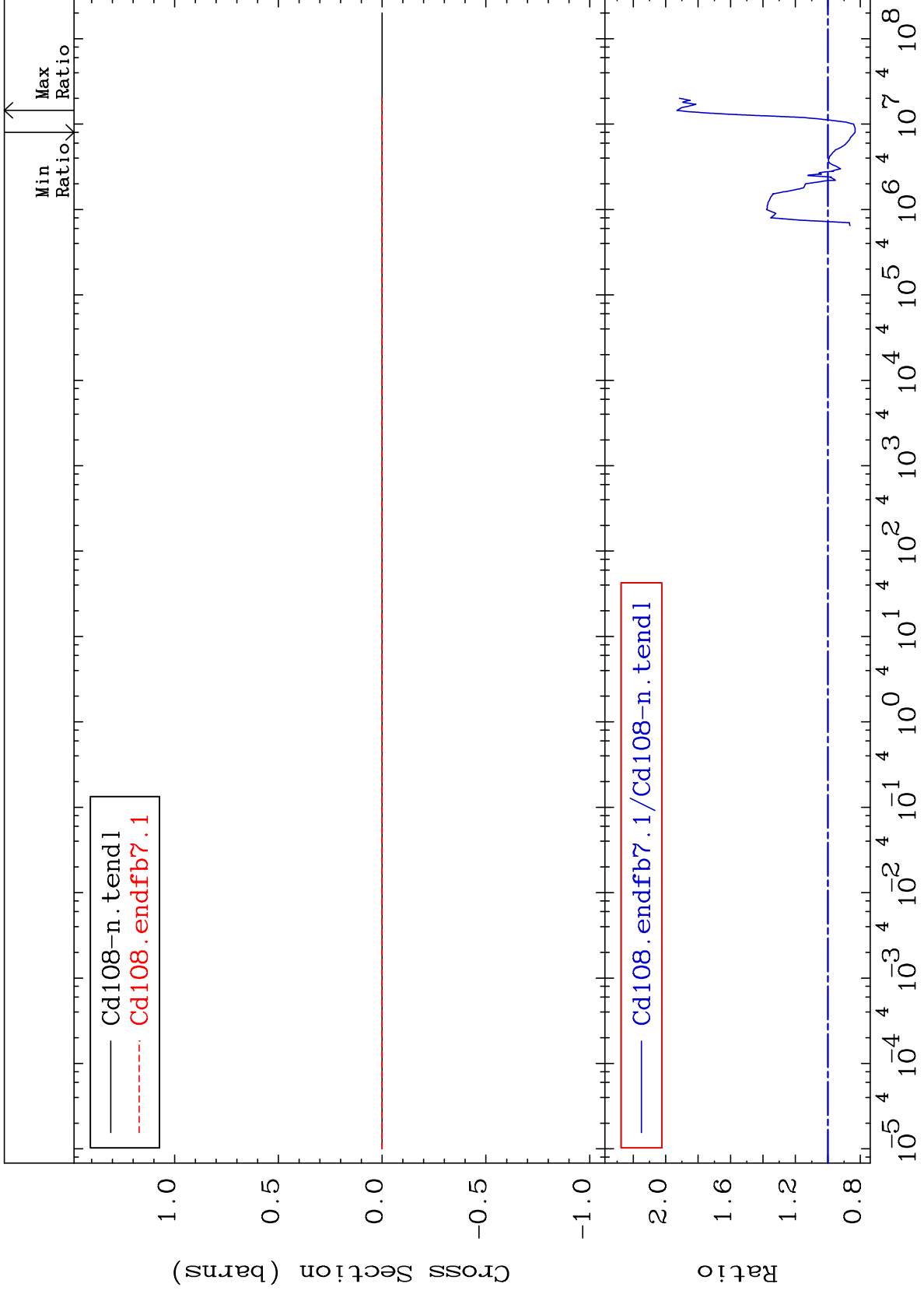
35

48-Cd-108

MAT 4831

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

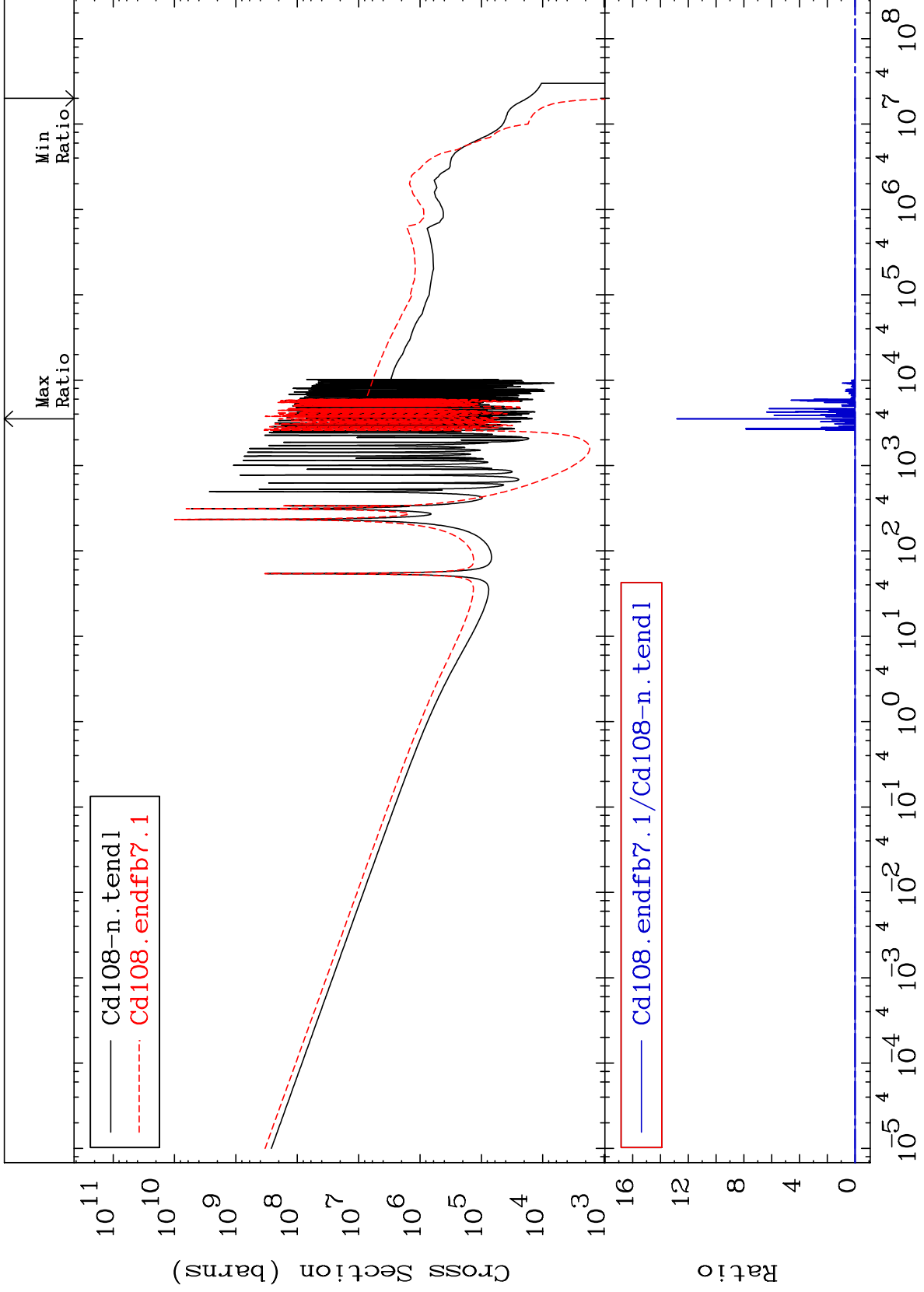
48-Cd-108  
-16.81 To 93.08 %



MAT 4831

Kerma capture (mt102)  
Cross Section

48-Cd-108  
-100.0 To 9999. %



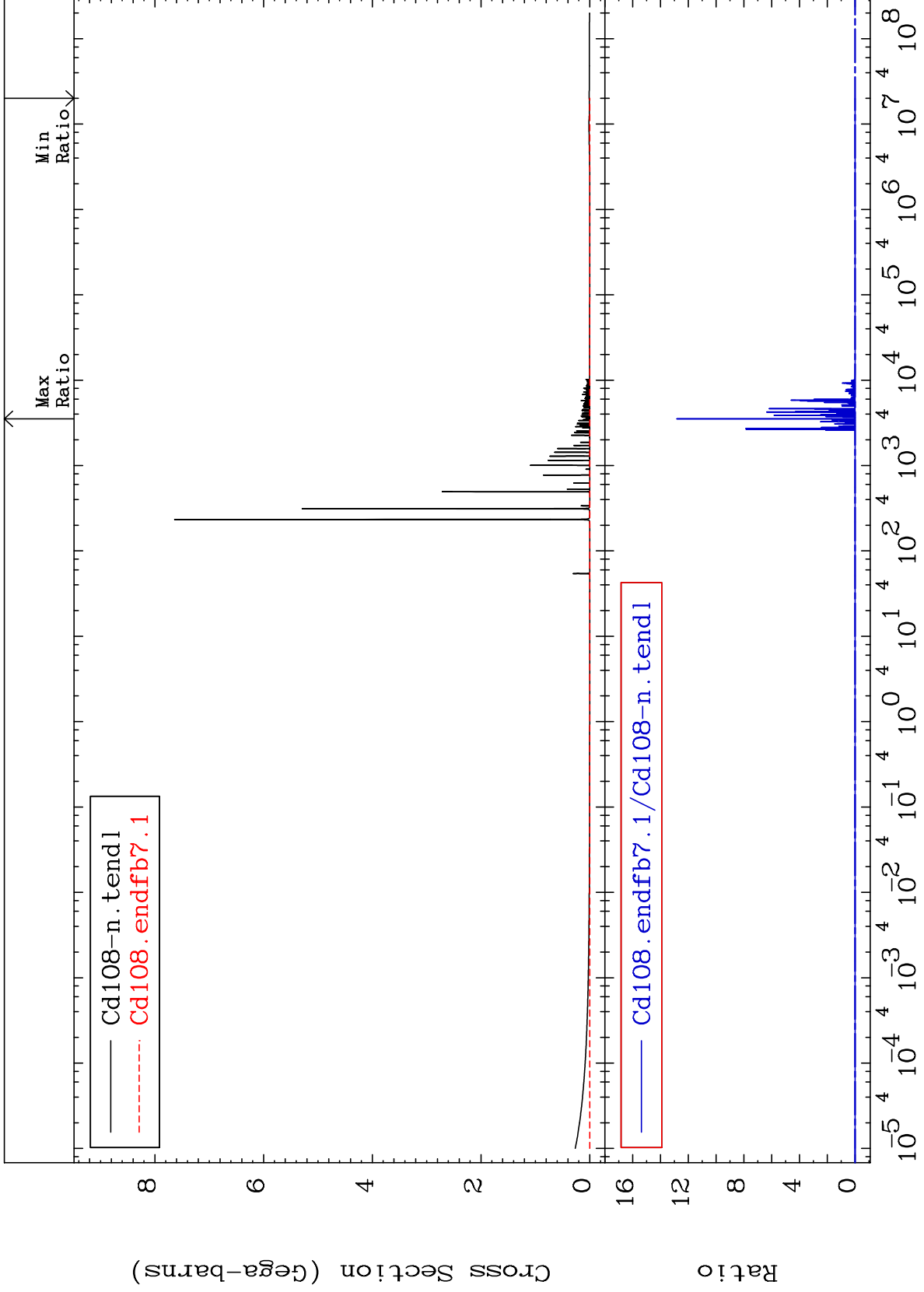
37

48-Cd-108

MAT 4831

Total photon (eV-barns)  
Cross Section

48-Cd-108  
-100.0 To 9999. %



38

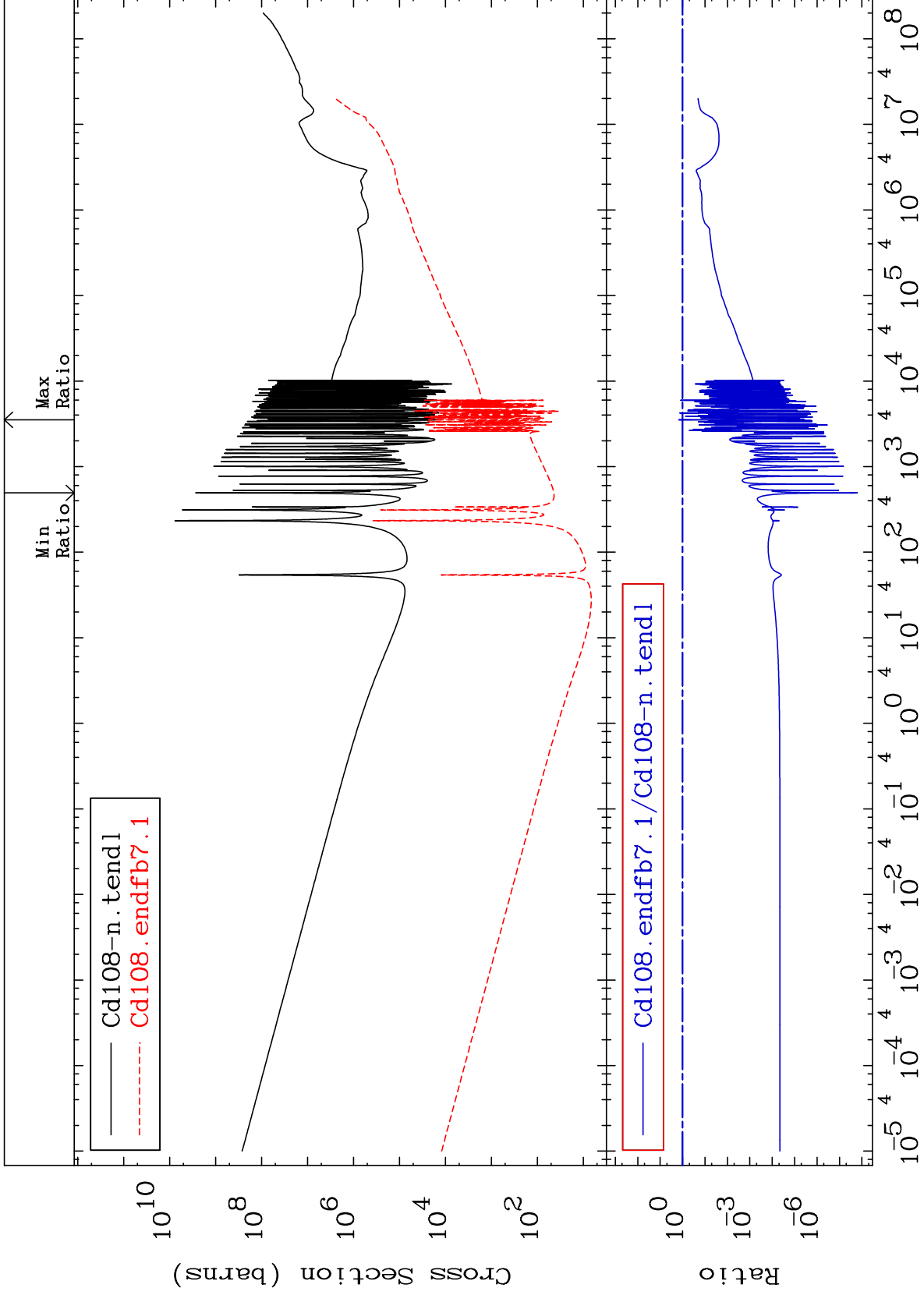
Incident Energy (eV)

48-Cd-108

MAT 4831

Total kinematic kerma (high limit)  
Cross Section

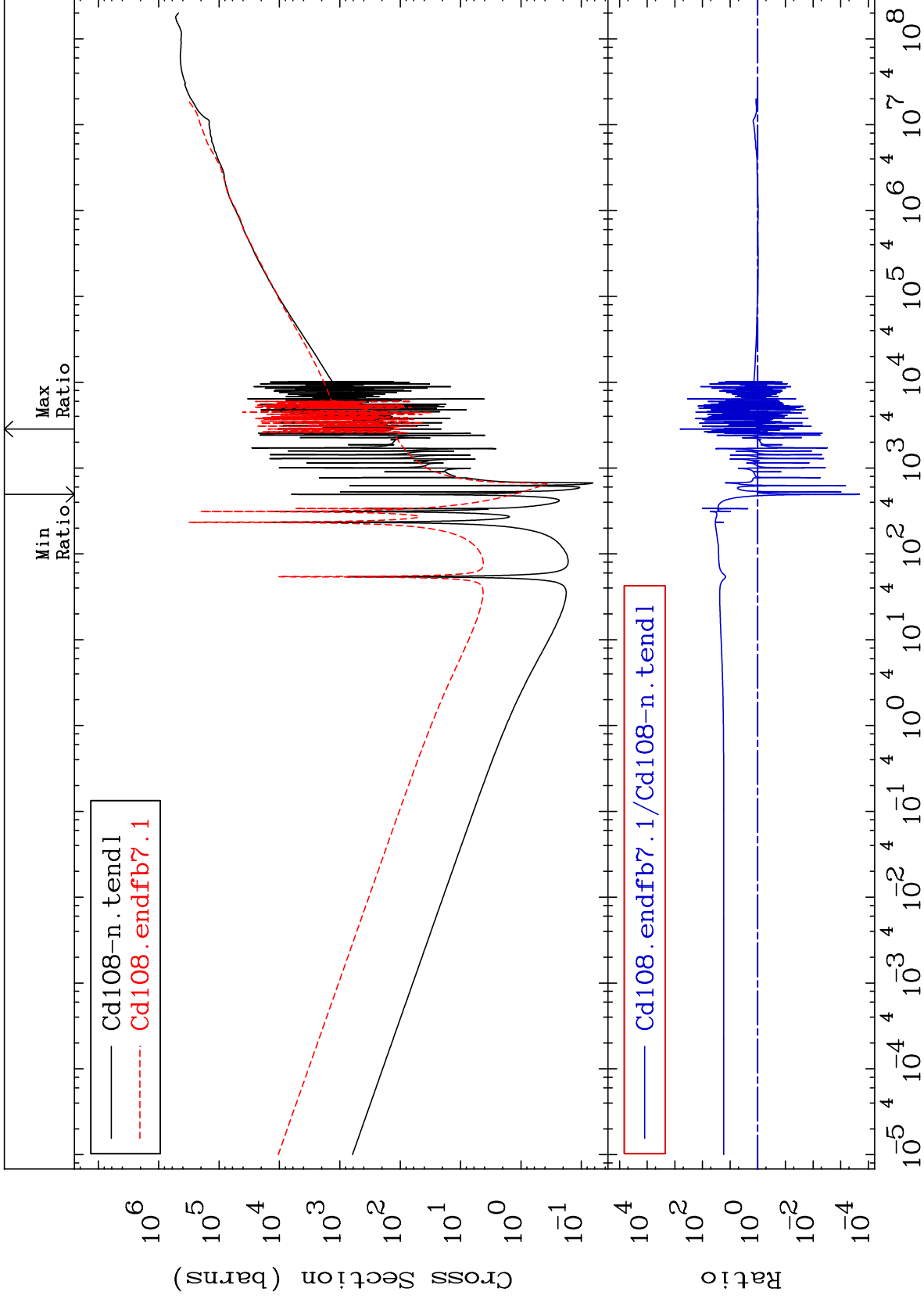
48-Cd-108  
-100.0 To 49.95 %



MAT 4831

Dpa total (eV-barns)  
Cross Section

48-Cd-108  
-99.98 To 9999. %

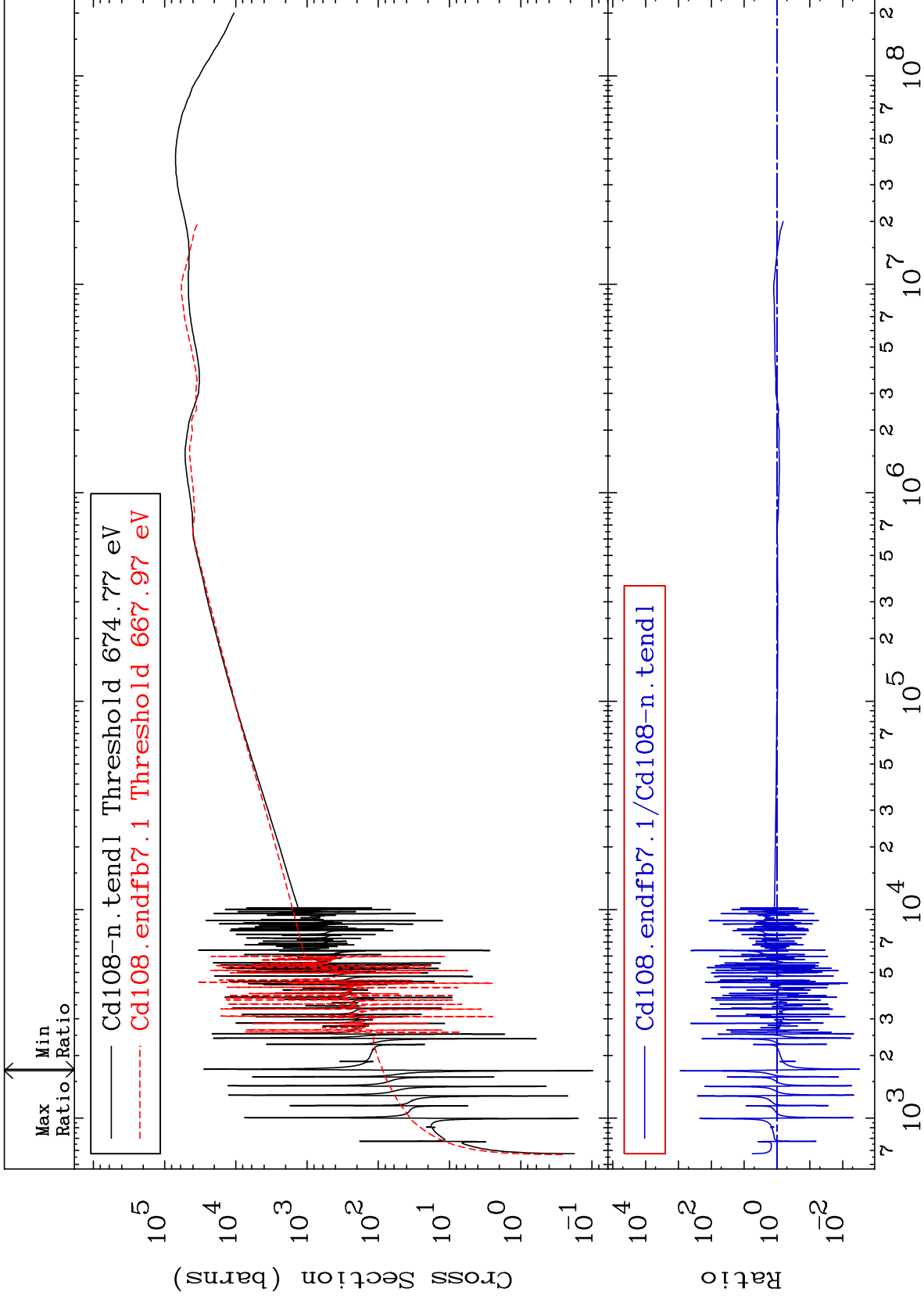


40

Incident Energy (eV)

48-Cd-108

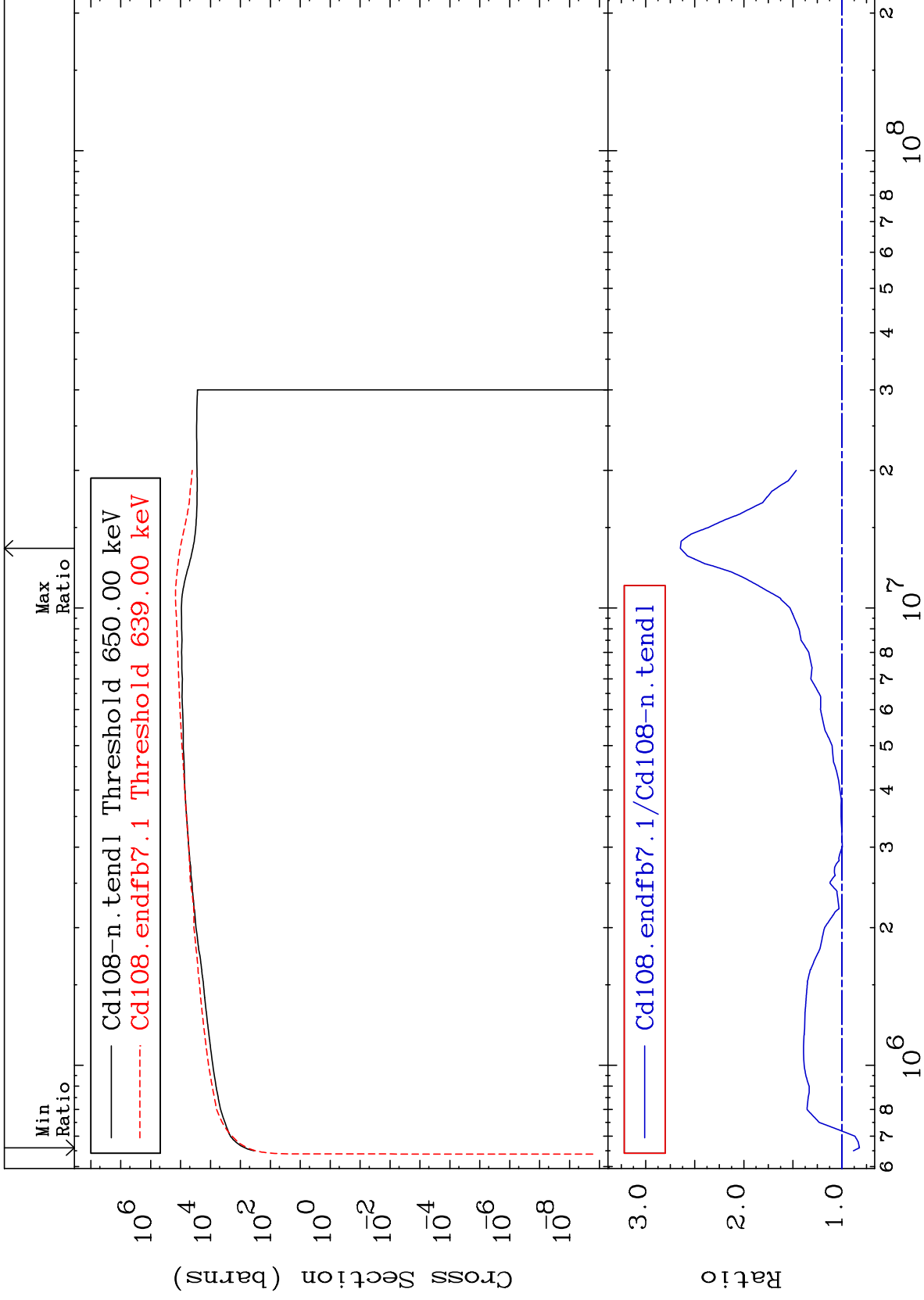




MAT 4831

Dpa inelastic (mt51-91)  
Cross Section

48-Cd-108  
-17.86 To 164.7 %



42

48-Cd-108

