

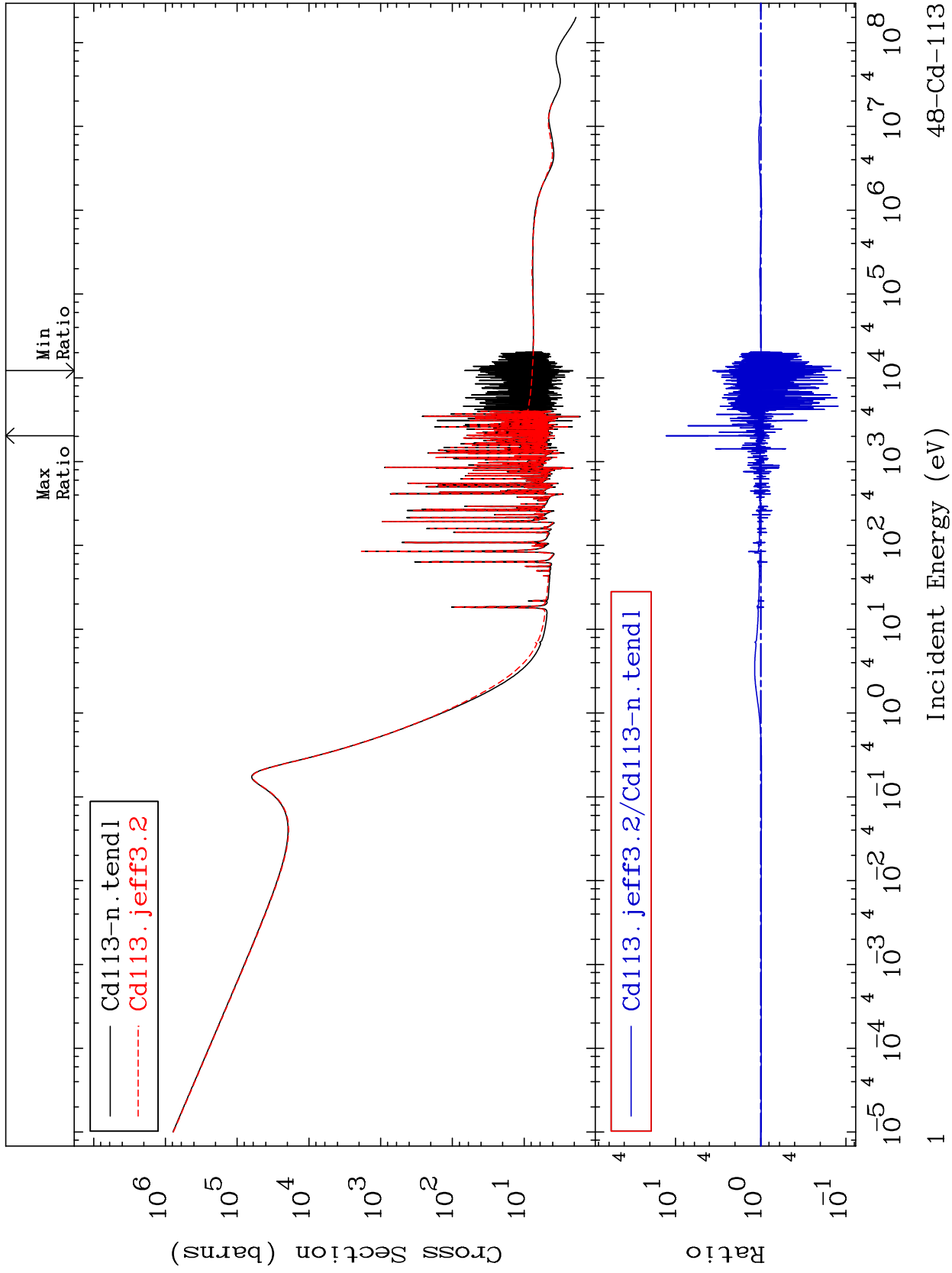
MAT 4846

Total

48-Cd-113

Cross Section

-88.51 To 1192. %



Incident Energy (eV)

48-Cd-113

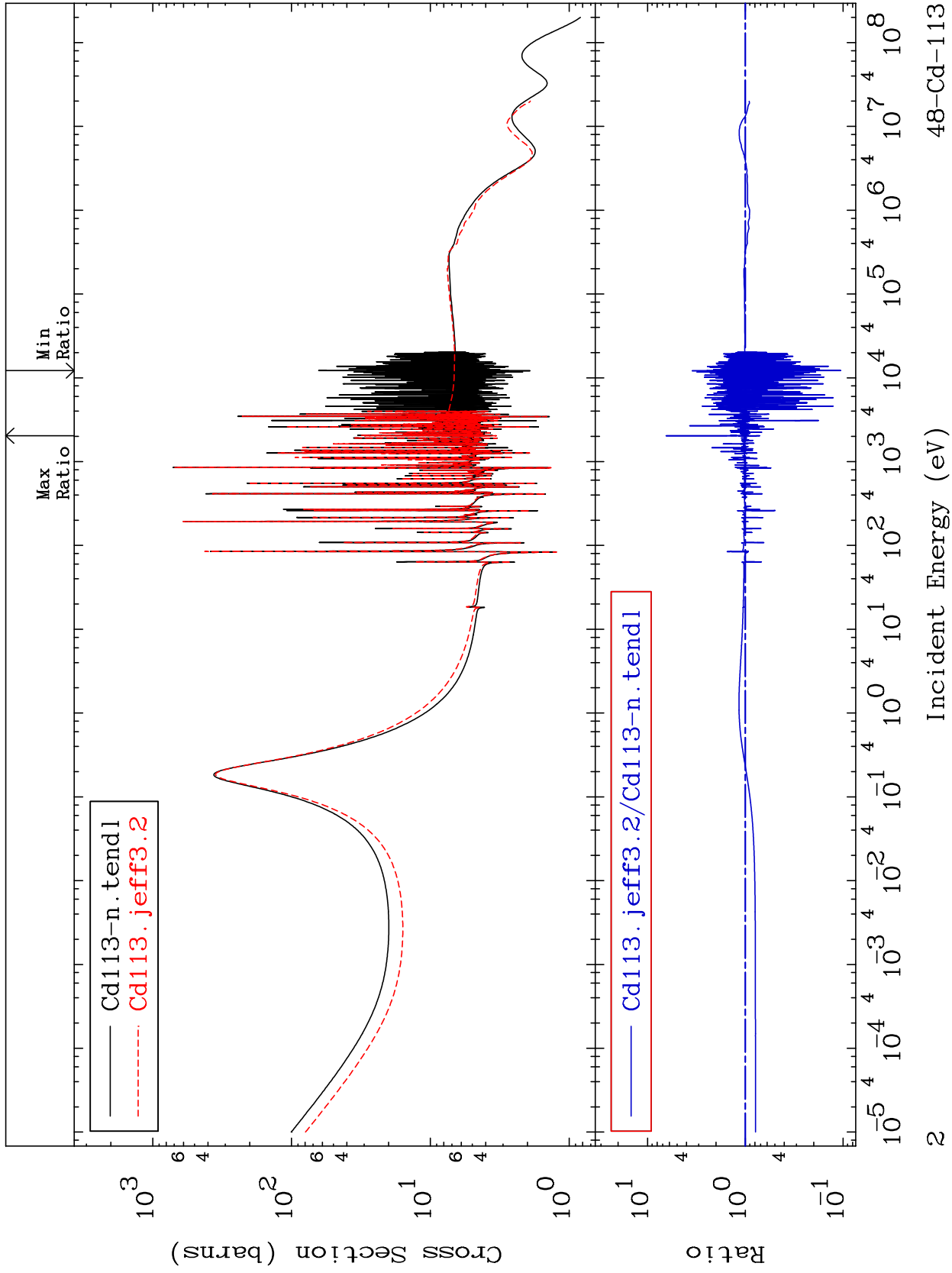
MAT 4846

Elastic

Cross Section

48-Cd-113

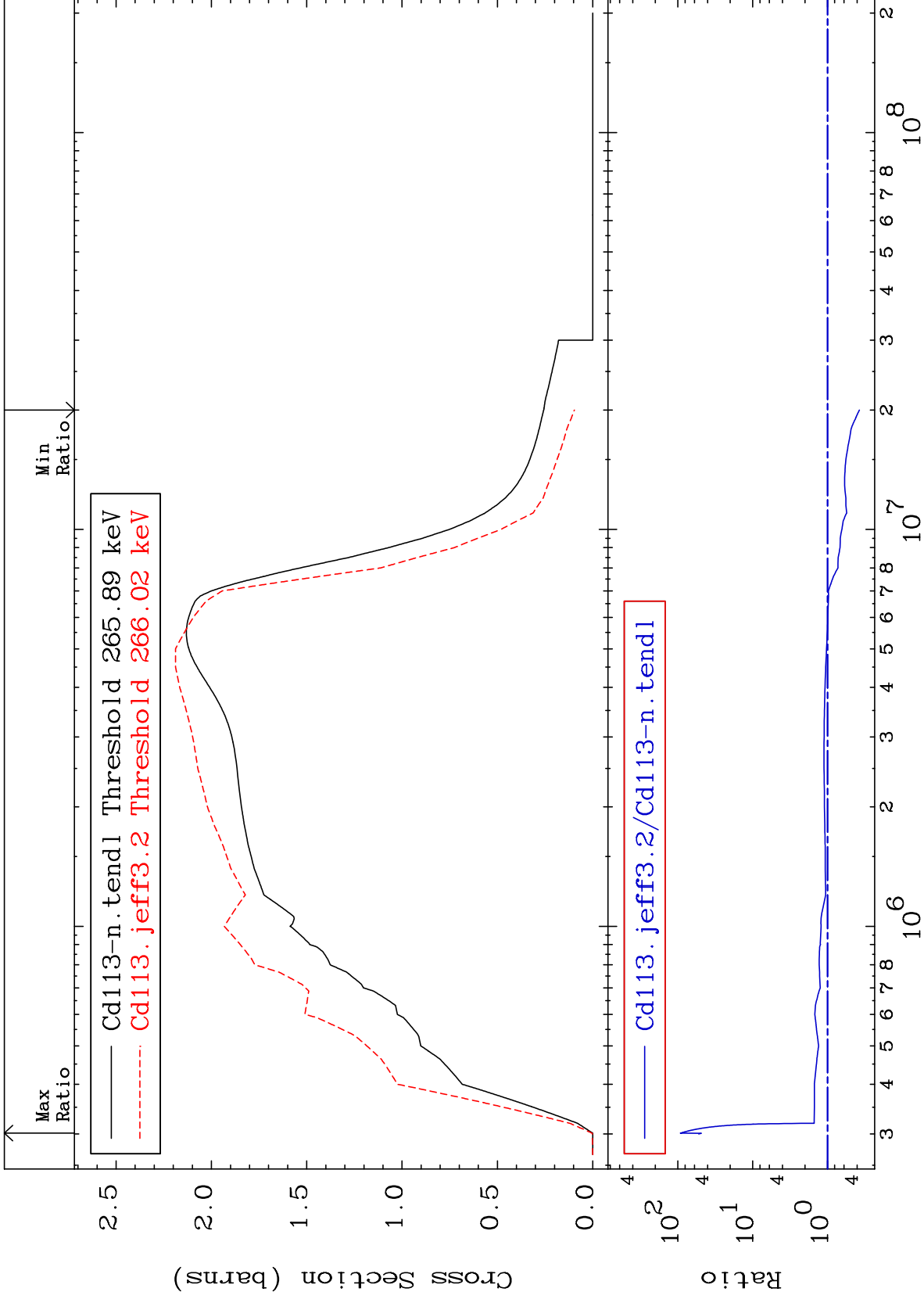
-89.44 To 548.9 %



MAT 4846

Inelastic  
Cross Section

48-Cd-113  
-62.63 To 9160. %



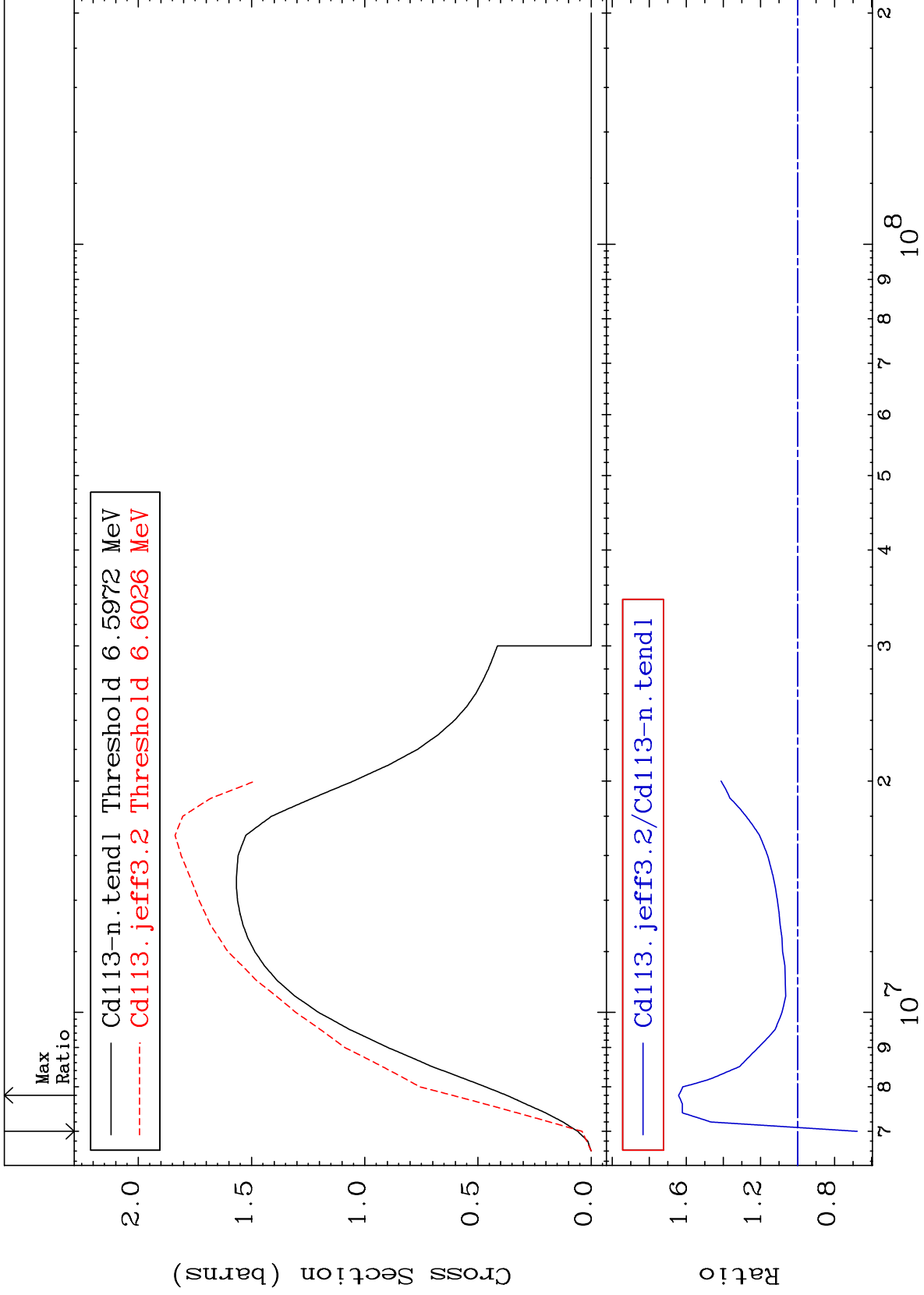
3

48-Cd-113

MAT 4846

(n,2n)  
Cross Section

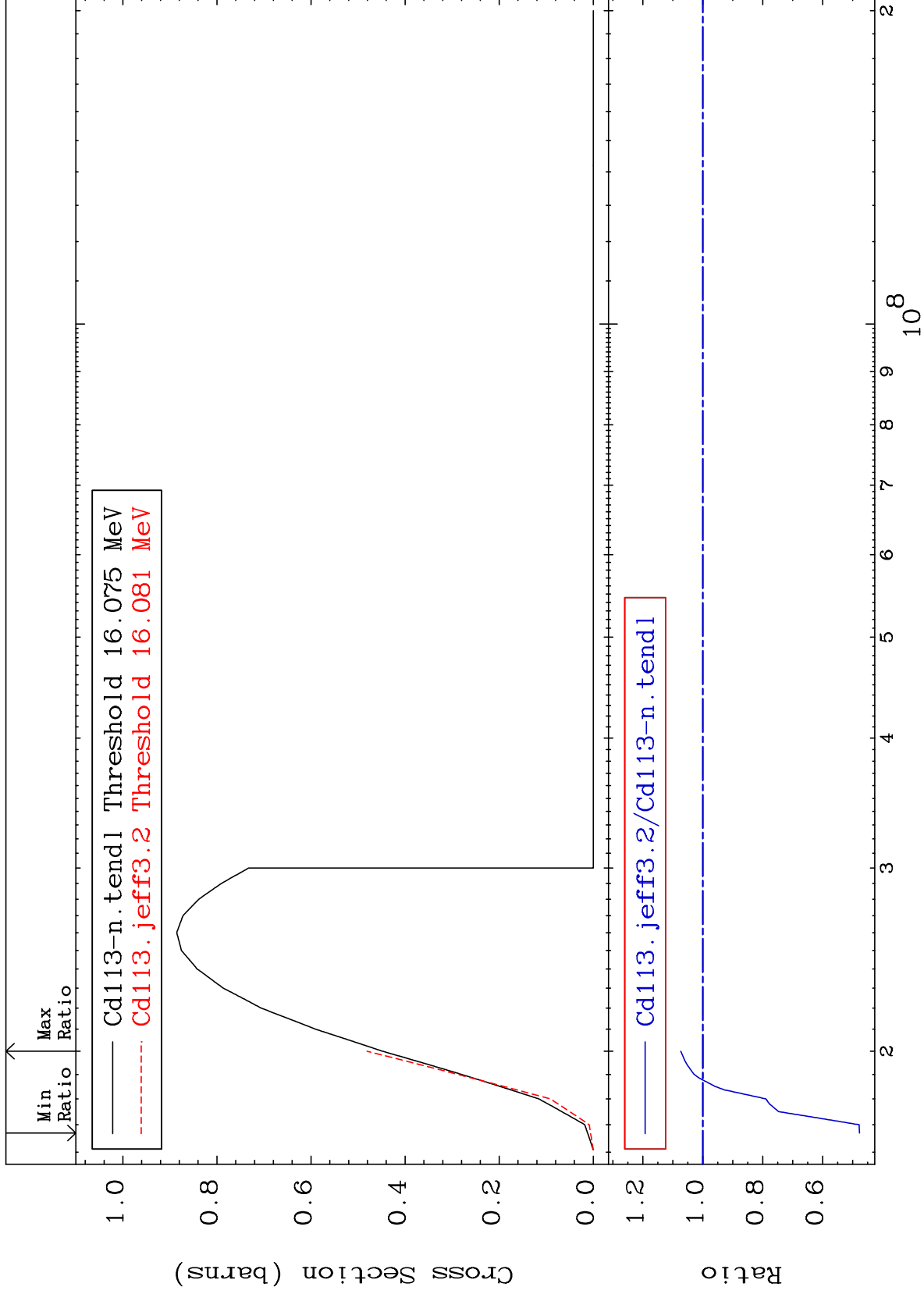
48-Cd-113  
-32.27 To 64.17 %



MAT 4846

(n,3n)  
Cross Section

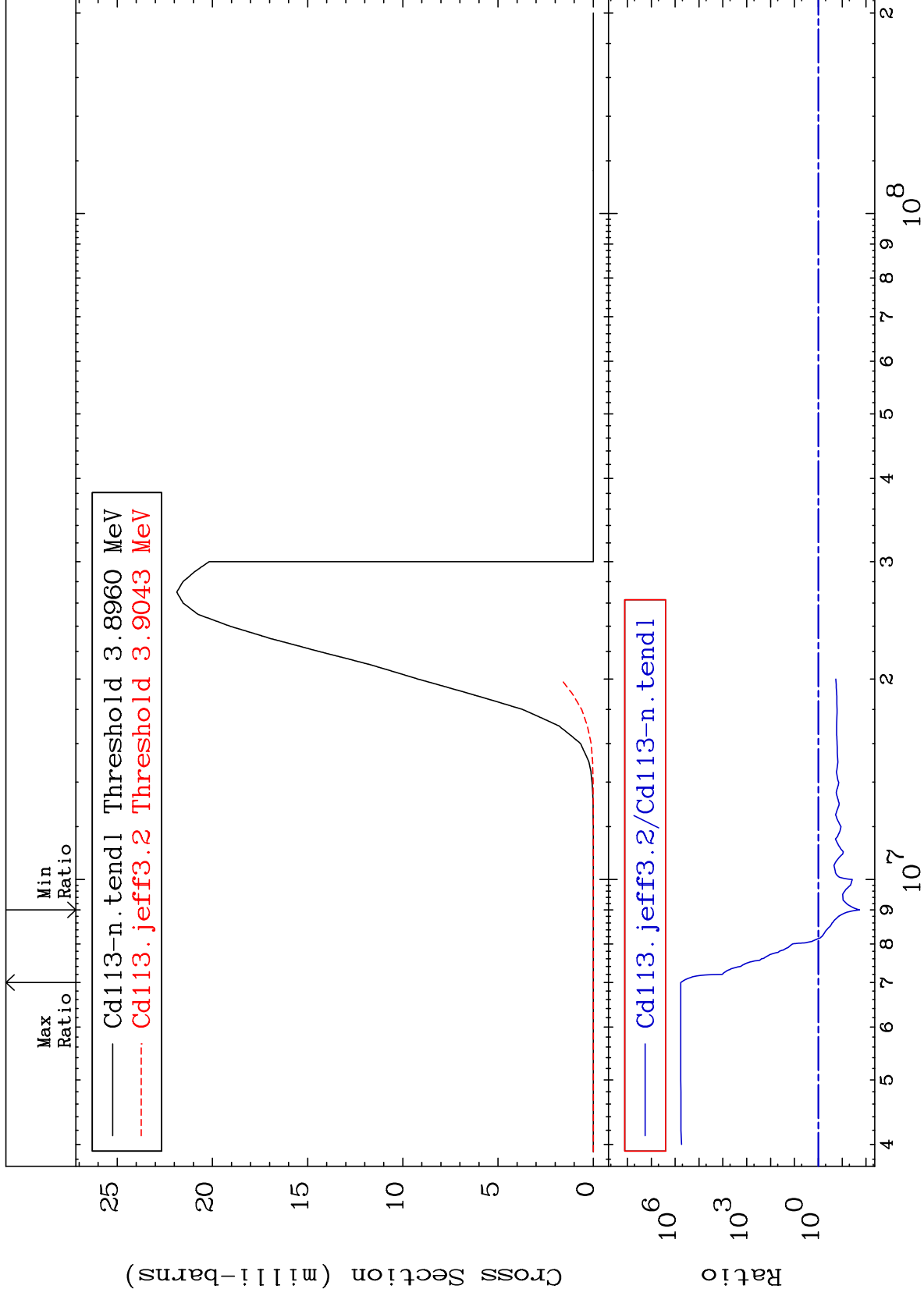
48-Cd-113  
-52.32 To 7.360 %



MAT 4846

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

48-Cd-113  
-98.12 To 9999. %



6

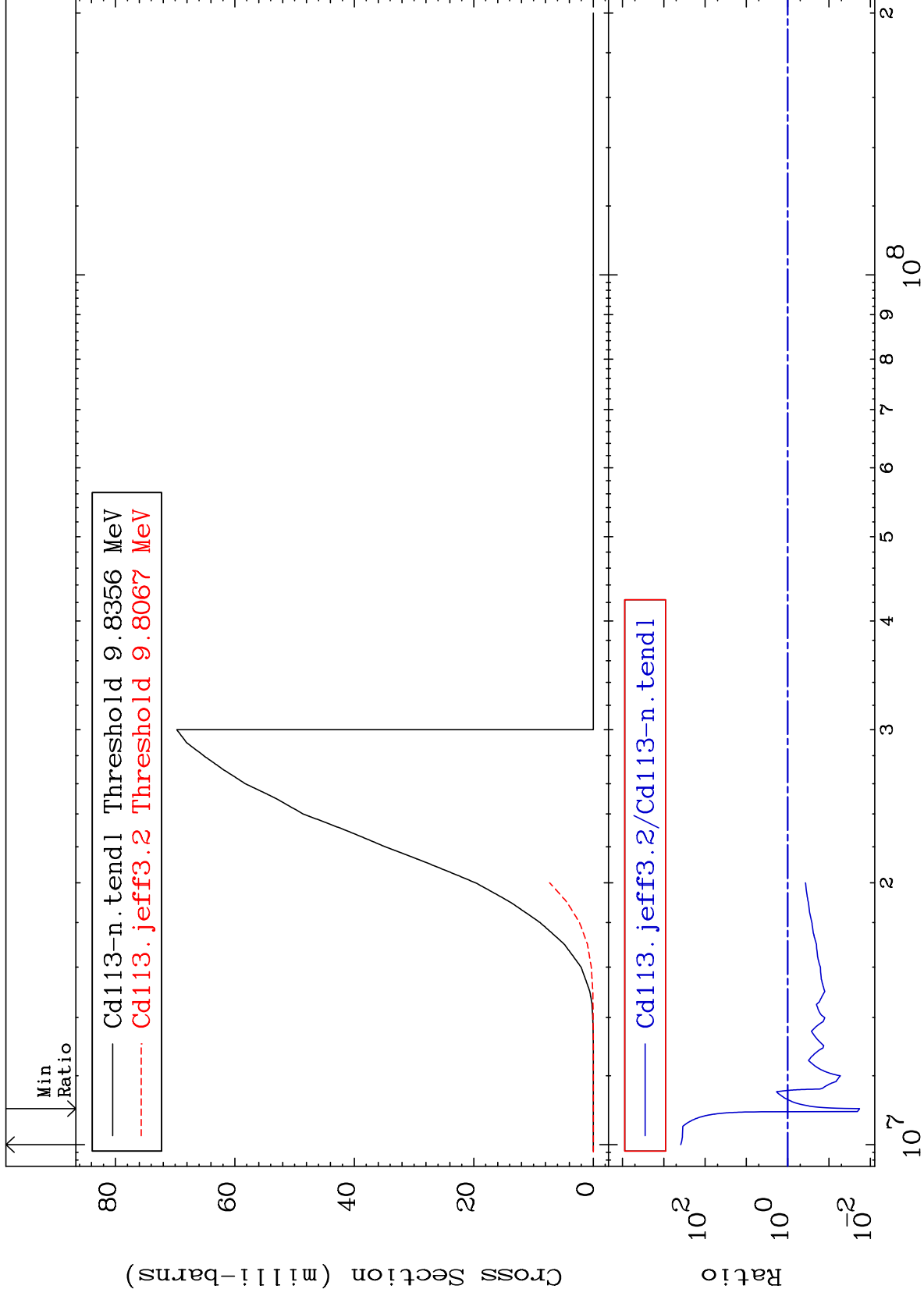
Incident Energy (eV)

48-Cd-113

MAT 4846

(n,n') p  
Cross Section

48-Cd-113  
-98.18 To 9999. %



7

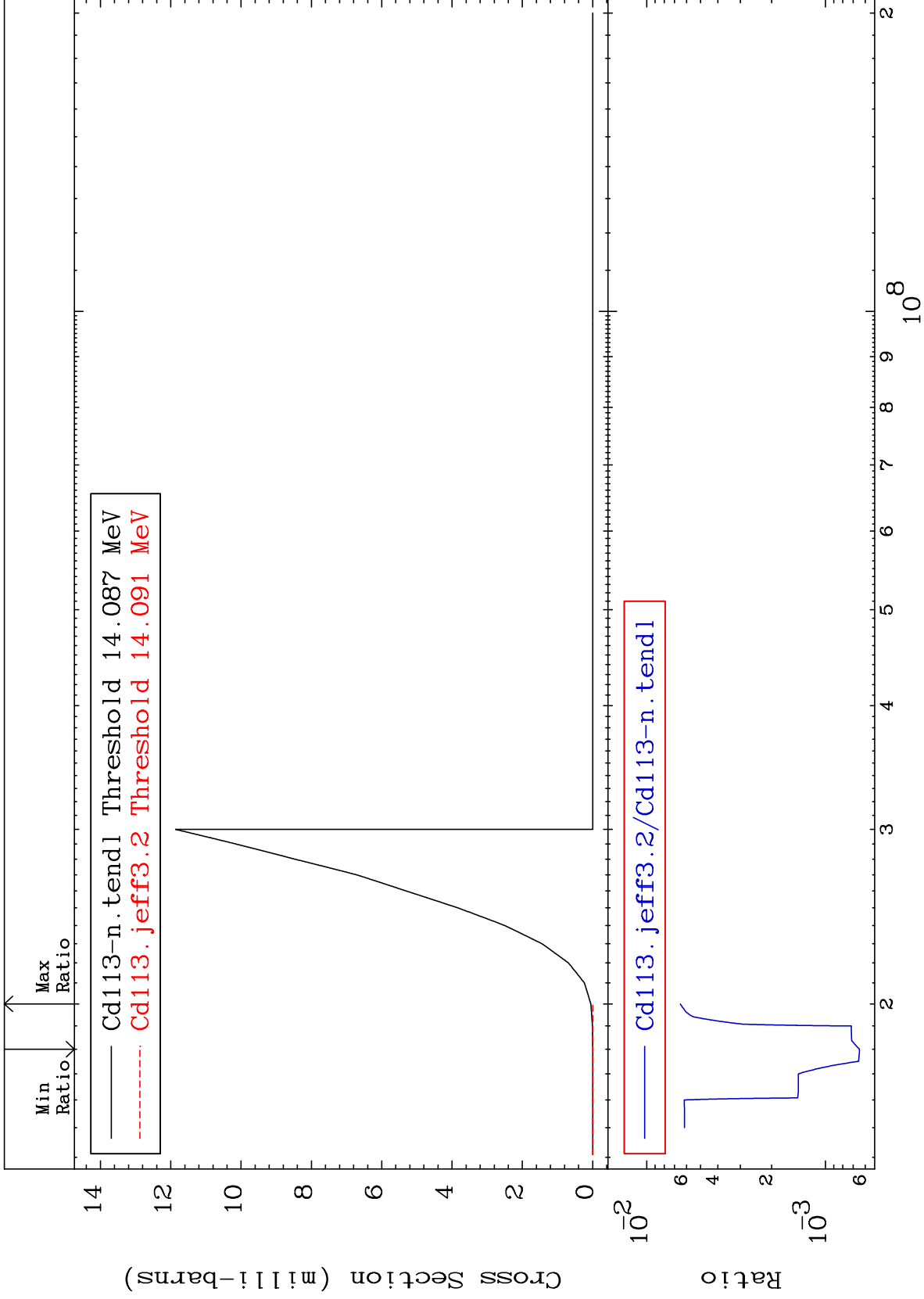
Incident Energy (eV)

48-Cd-113

MAT 4846

(n,n') d  
Cross Section

48-Cd-113  
-99.94 To -99.35%

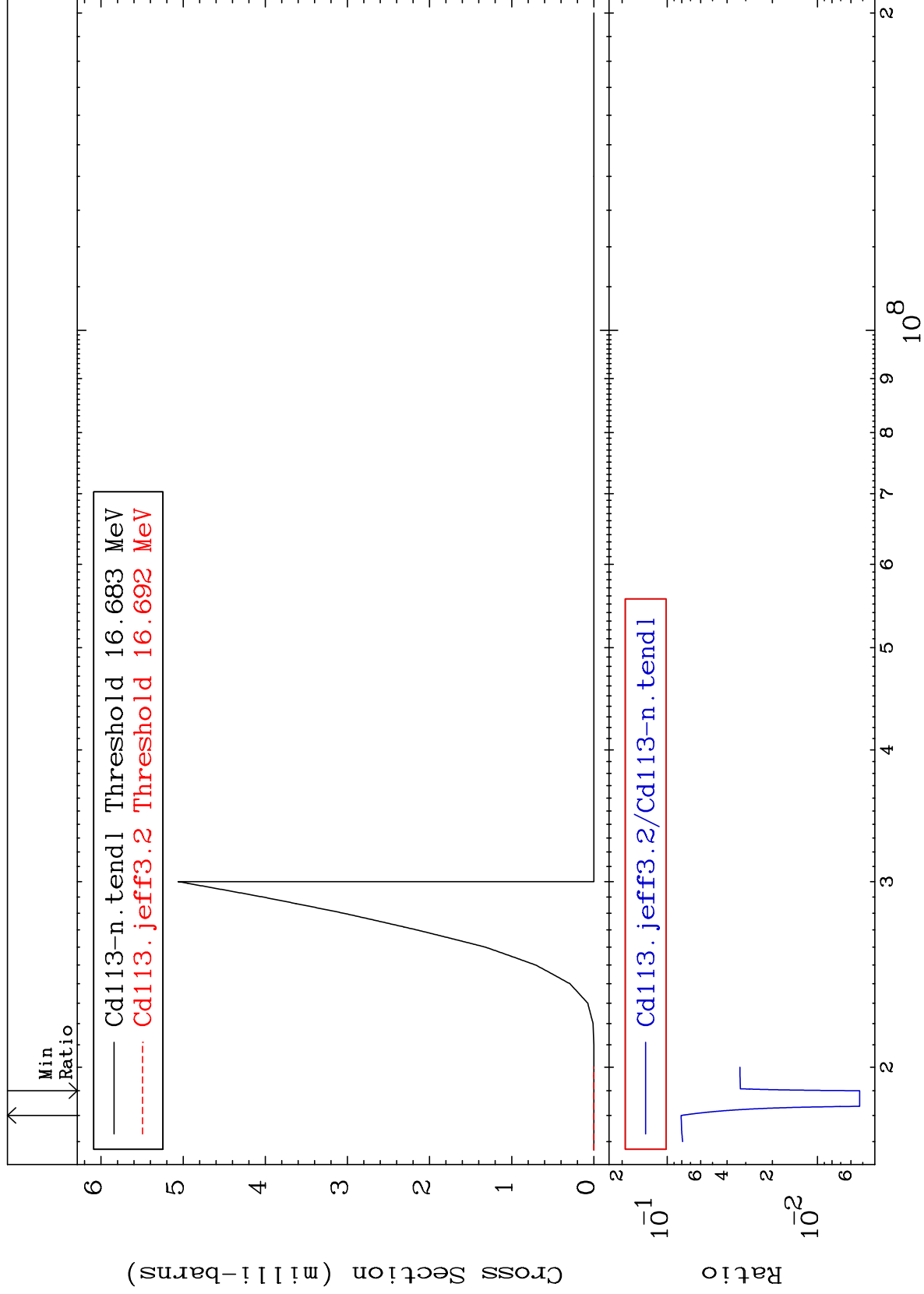




MAT 4846

(n,n') t  
Cross Section

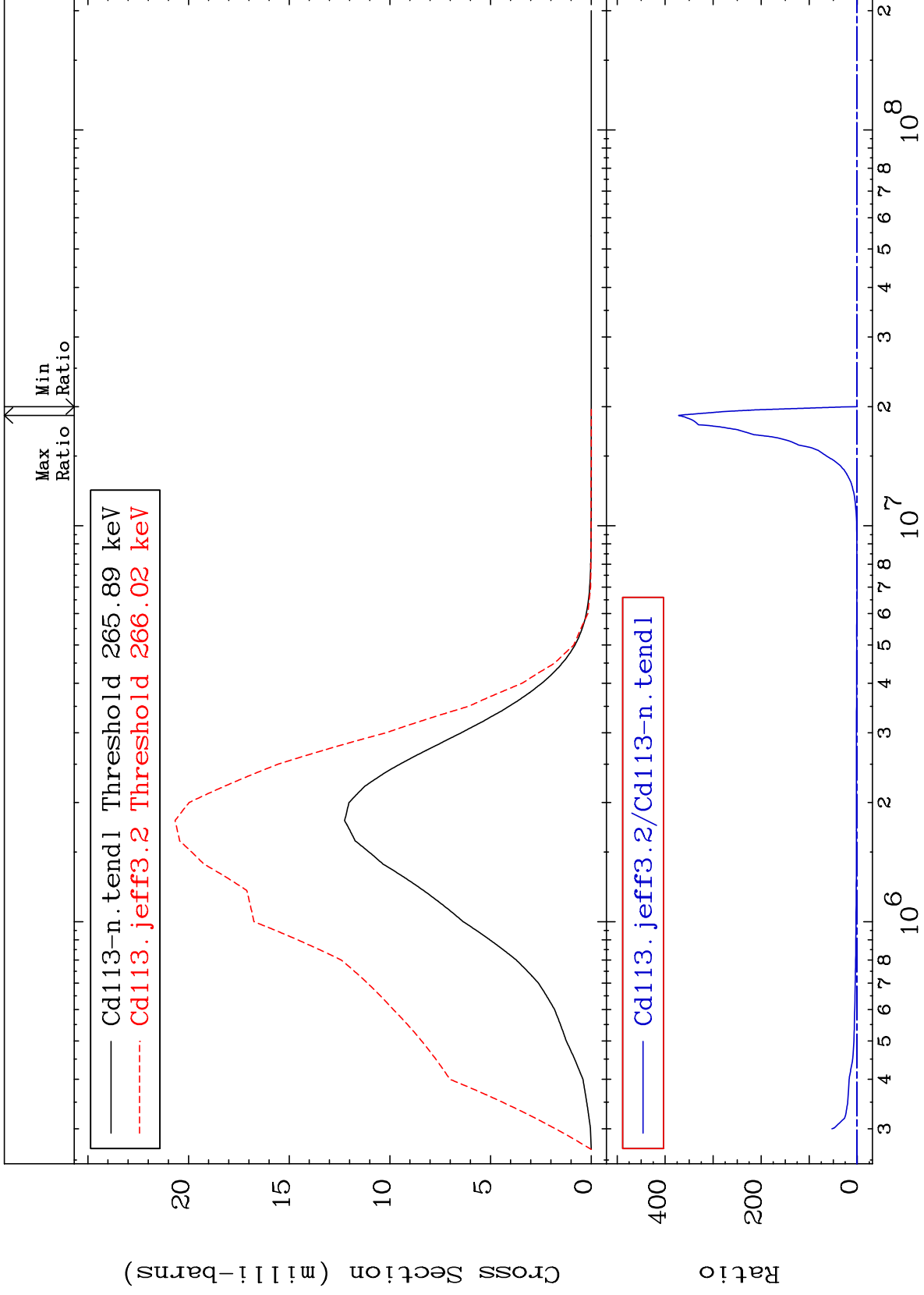
48-Cd-113  
-99.48 To -91.92%



MAT 4846

263.5 keV (n,n') Level  
Cross Section

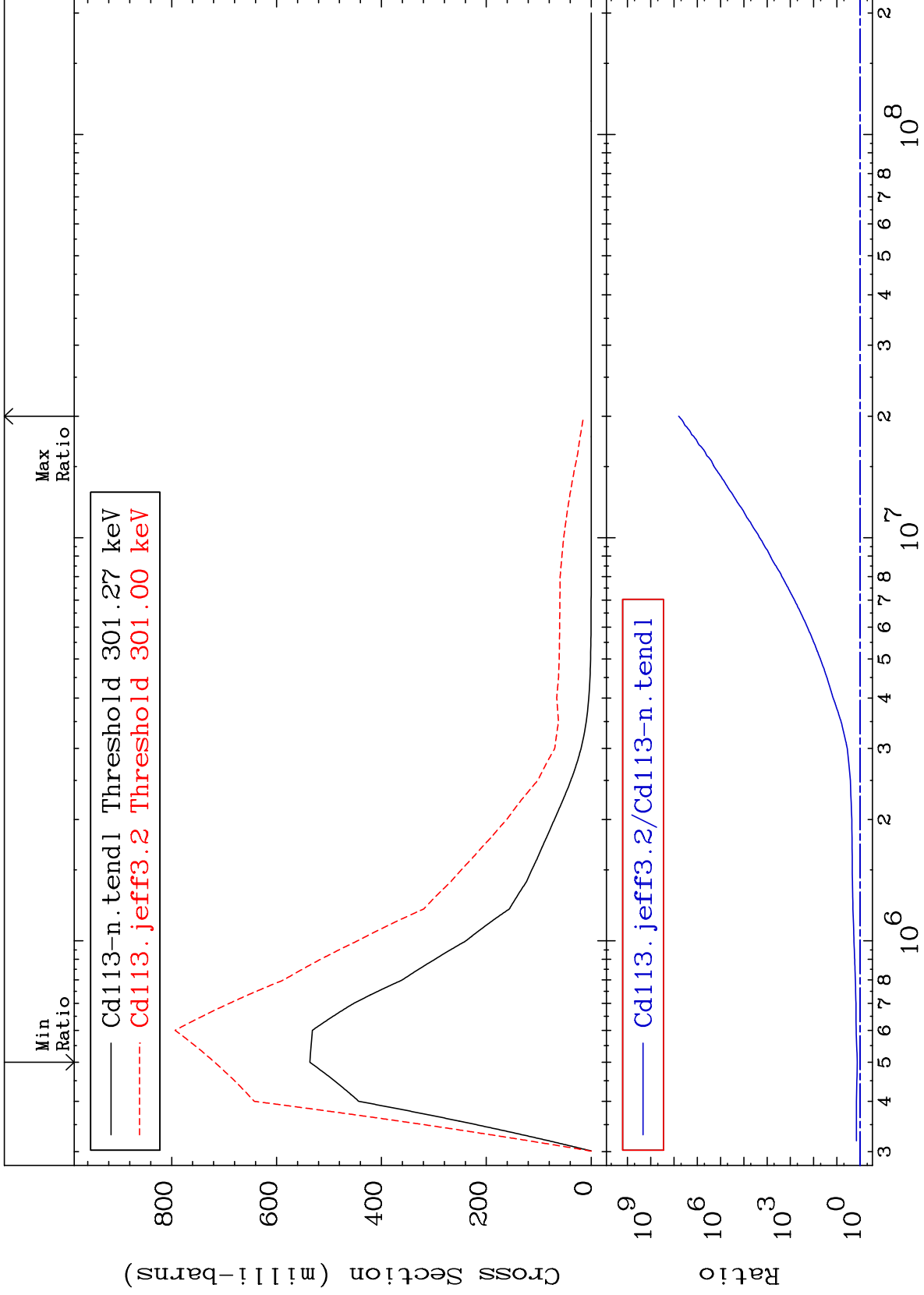
48-Cd-113  
-100.0 To 9999. %



MAT 4846

298.6 keV (n,n') Level  
Cross Section

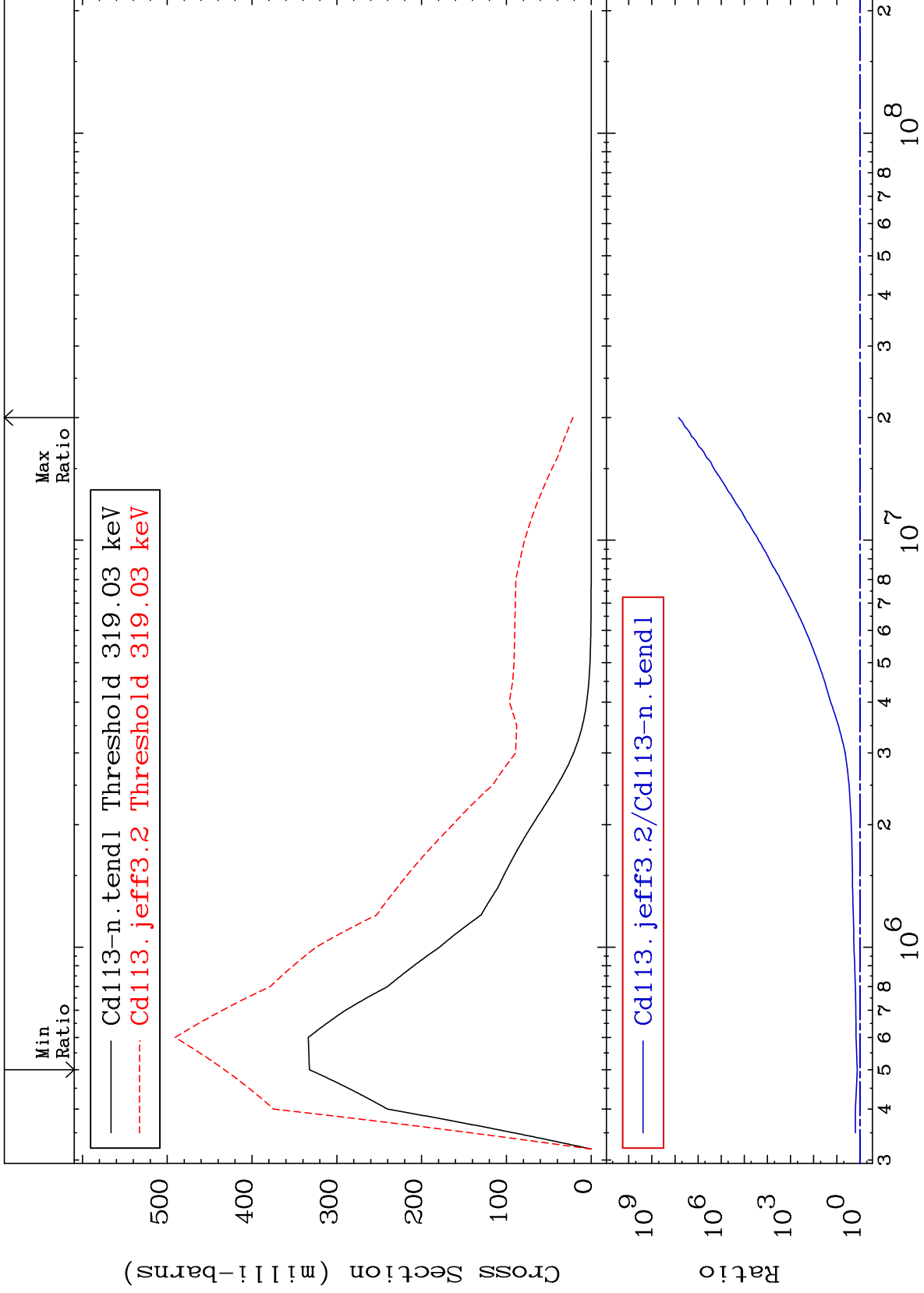
48-Cd-113  
33.83 To 9999. %



MAT 4846

316.2 keV (n,n') Level  
Cross Section

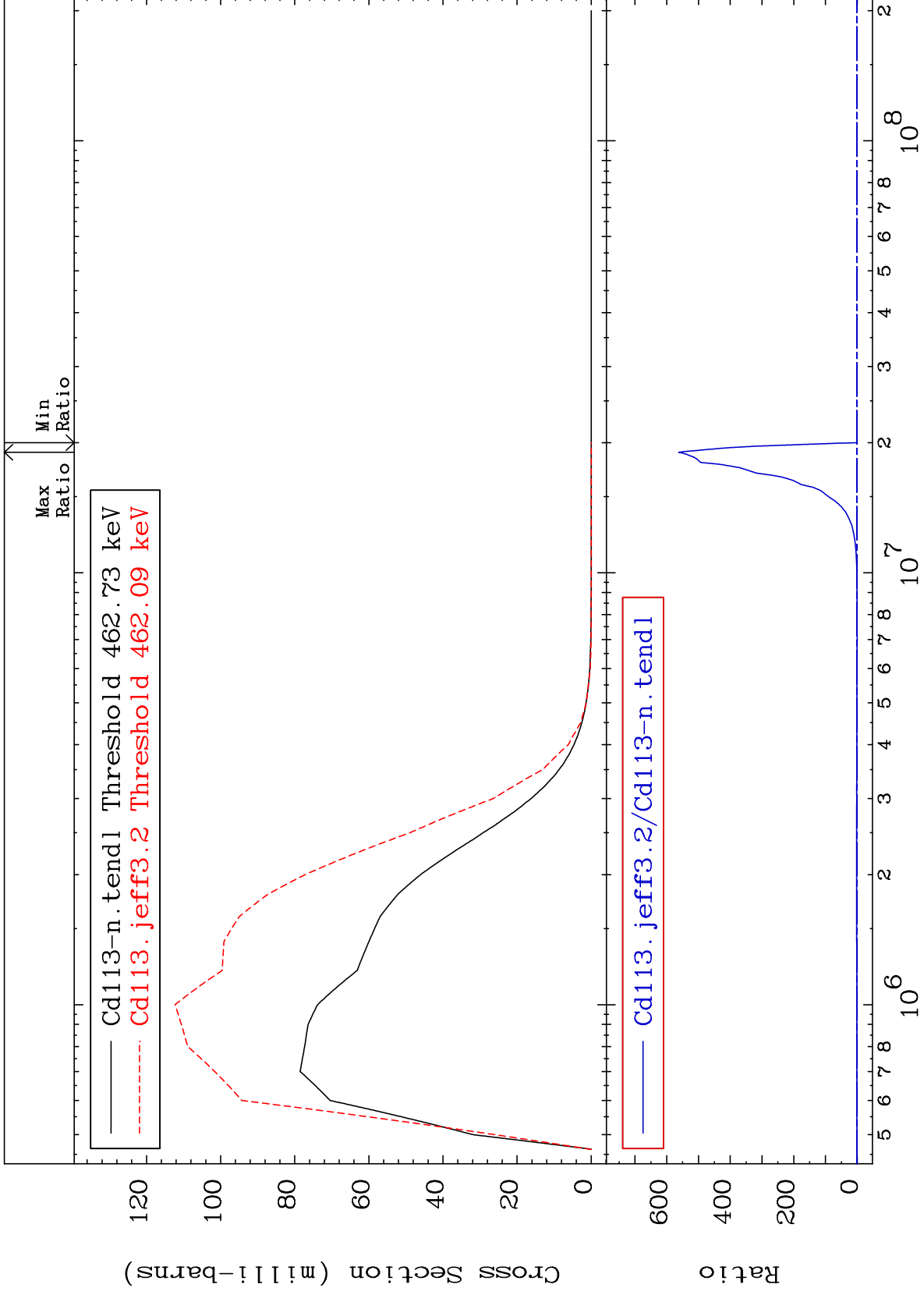
48-Cd-113  
30.17 To 9999. %



MAT 4846

458.6 keV (n,n') Level  
Cross Section

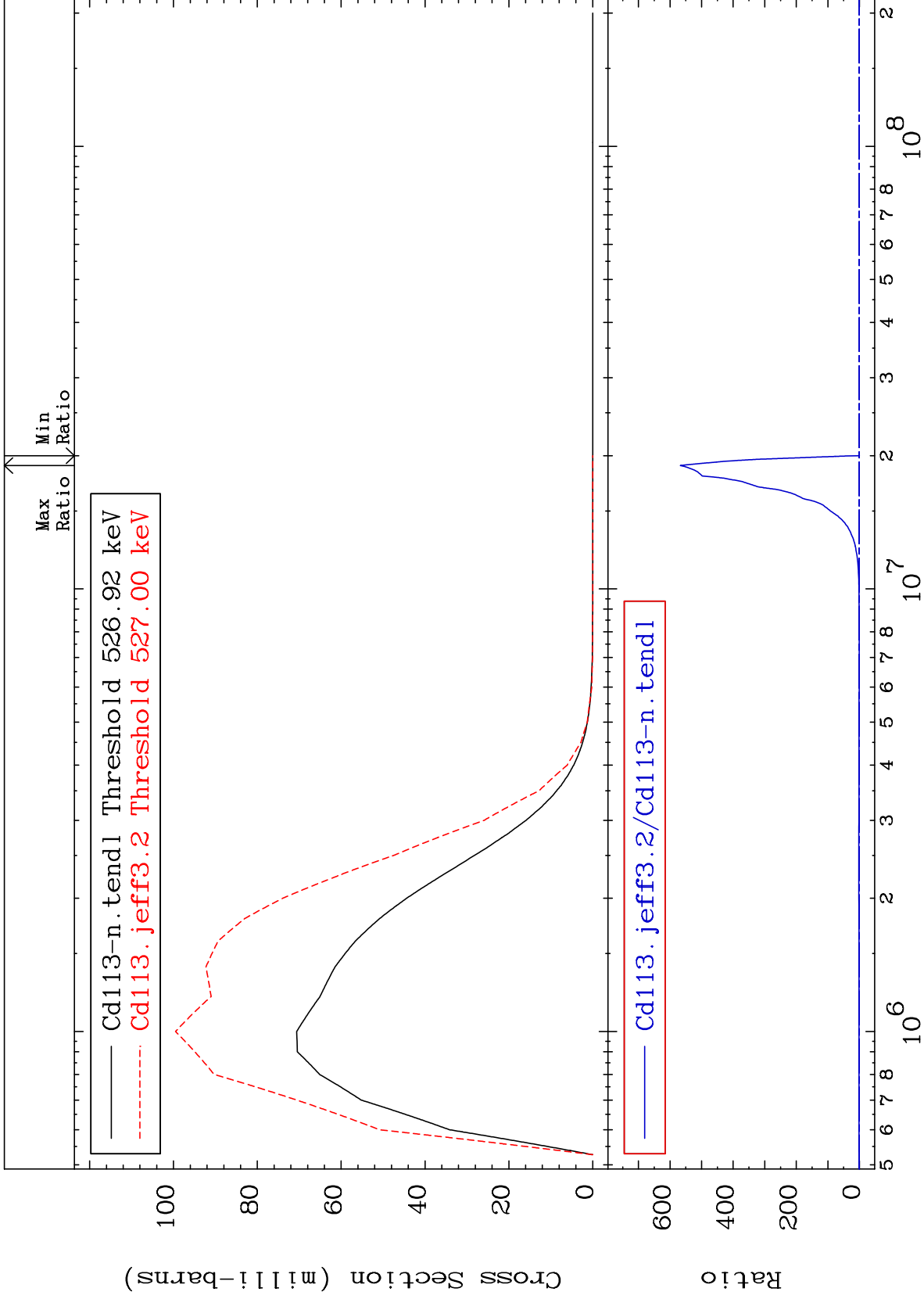
48-Cd-113  
-100.0 To 9999. %



MAT 4846

522.3 keV (n,n') Level  
Cross Section

48-Cd-113  
-100.0 To 9999. %



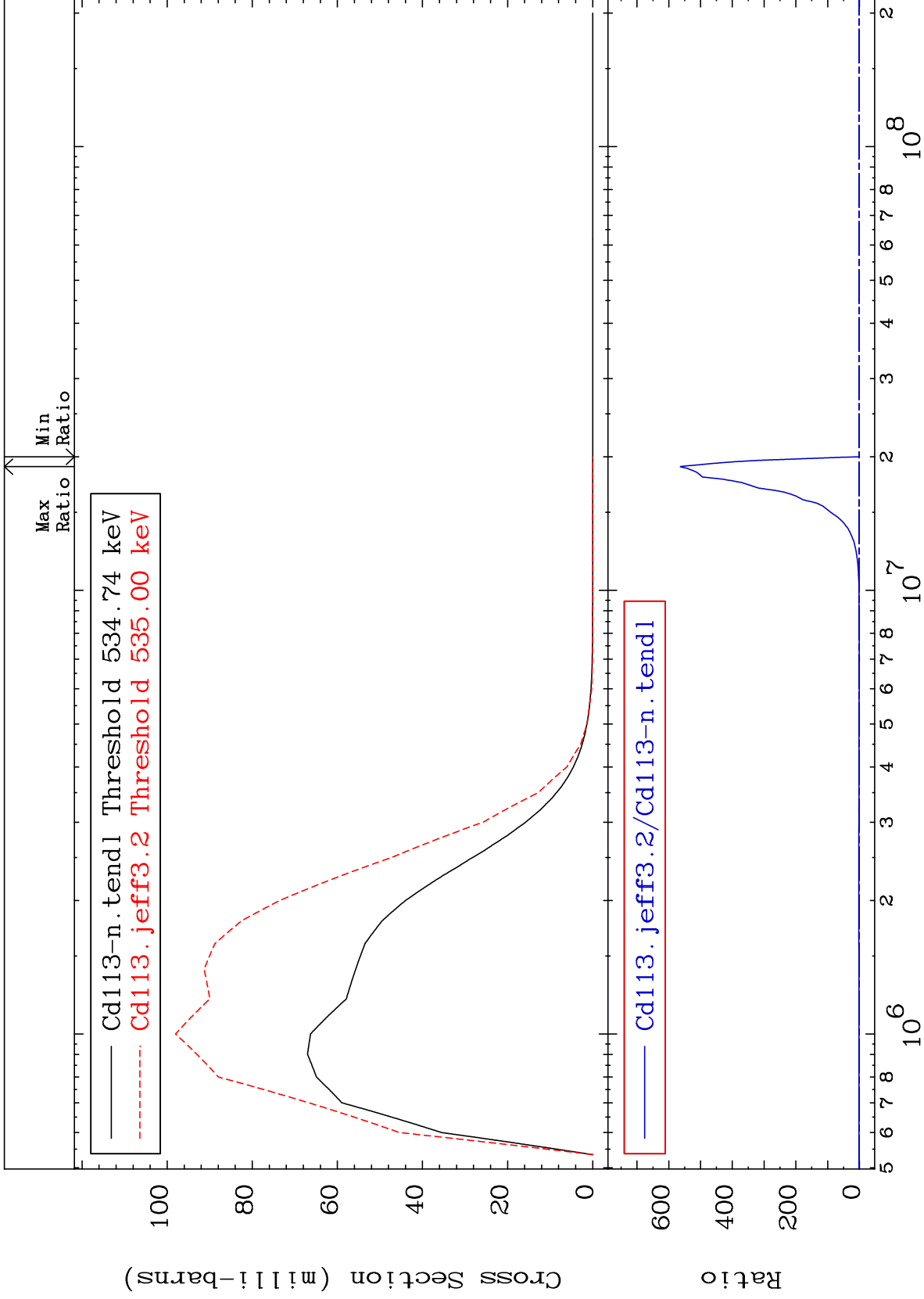
14

48-Cd-113

MAT 4846

530.0 keV (n,n') Level  
Cross Section

48-Cd-113  
-100.0 To 9999. %



15

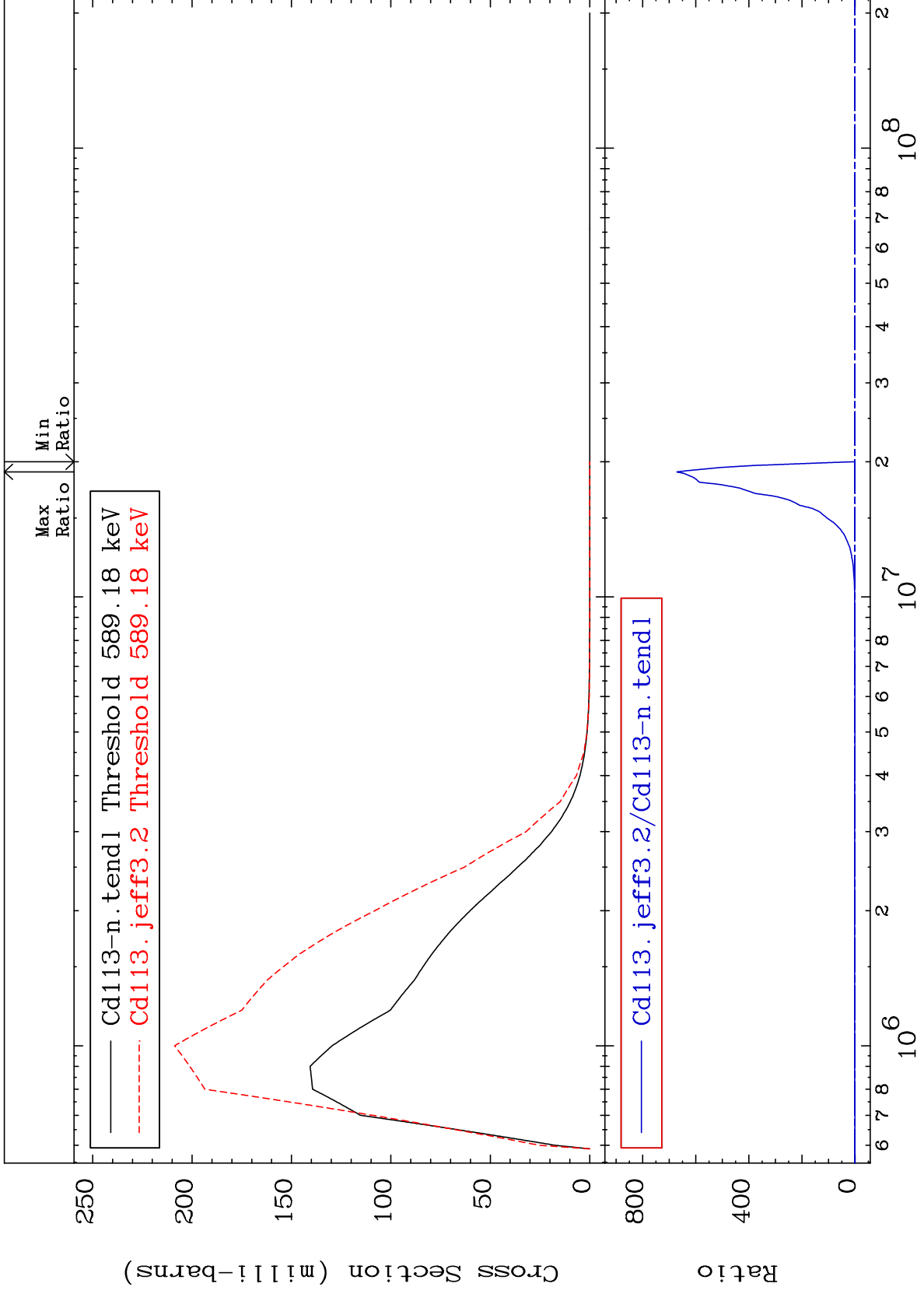
Incident Energy (eV)

48-Cd-113

MAT 4846

584.0 keV (n,n') Level  
Cross Section

48-Cd-113  
-100.0 To 9999. %



16

Incident Energy (eV)

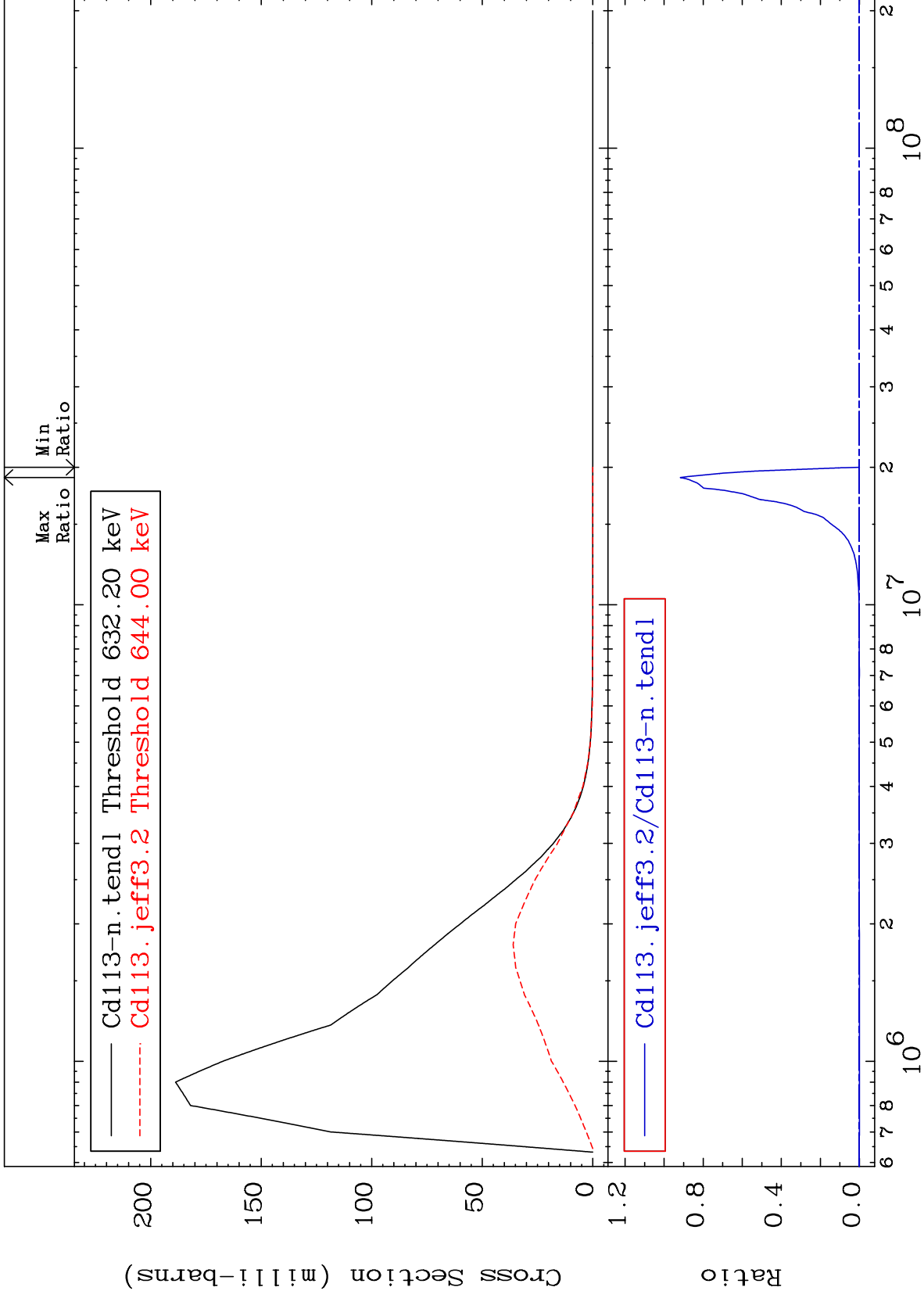
48-Cd-113



MAT 4846

626.6 keV (n,n') Level  
Cross Section

48-Cd-113  
-100.0 To 9999. %



17

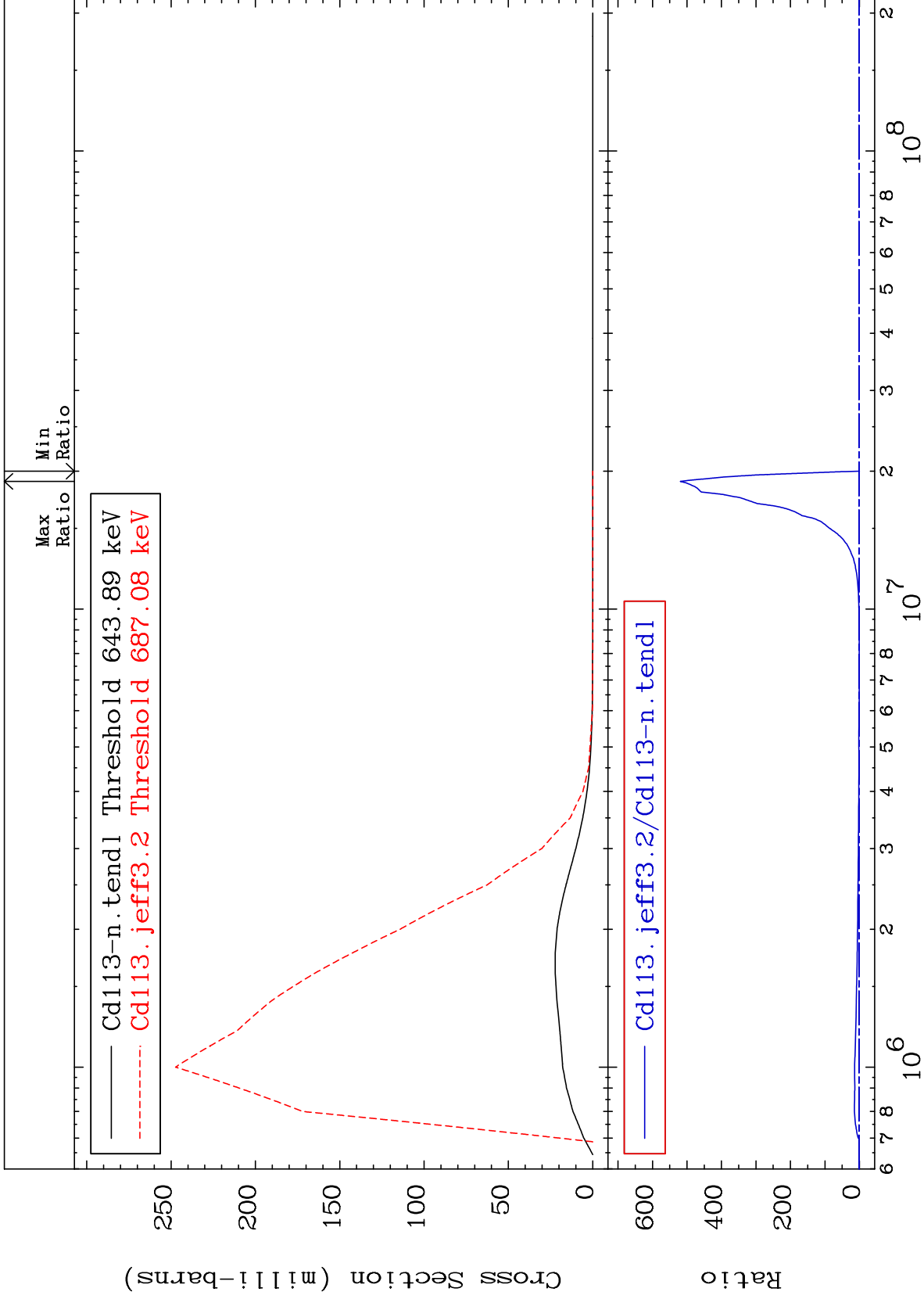
Incident Energy (eV)

48-Cd-113

MAT 4846

638.2 keV (n,n') Level  
Cross Section

48-Cd-113  
-100.0 To 9999. %



18

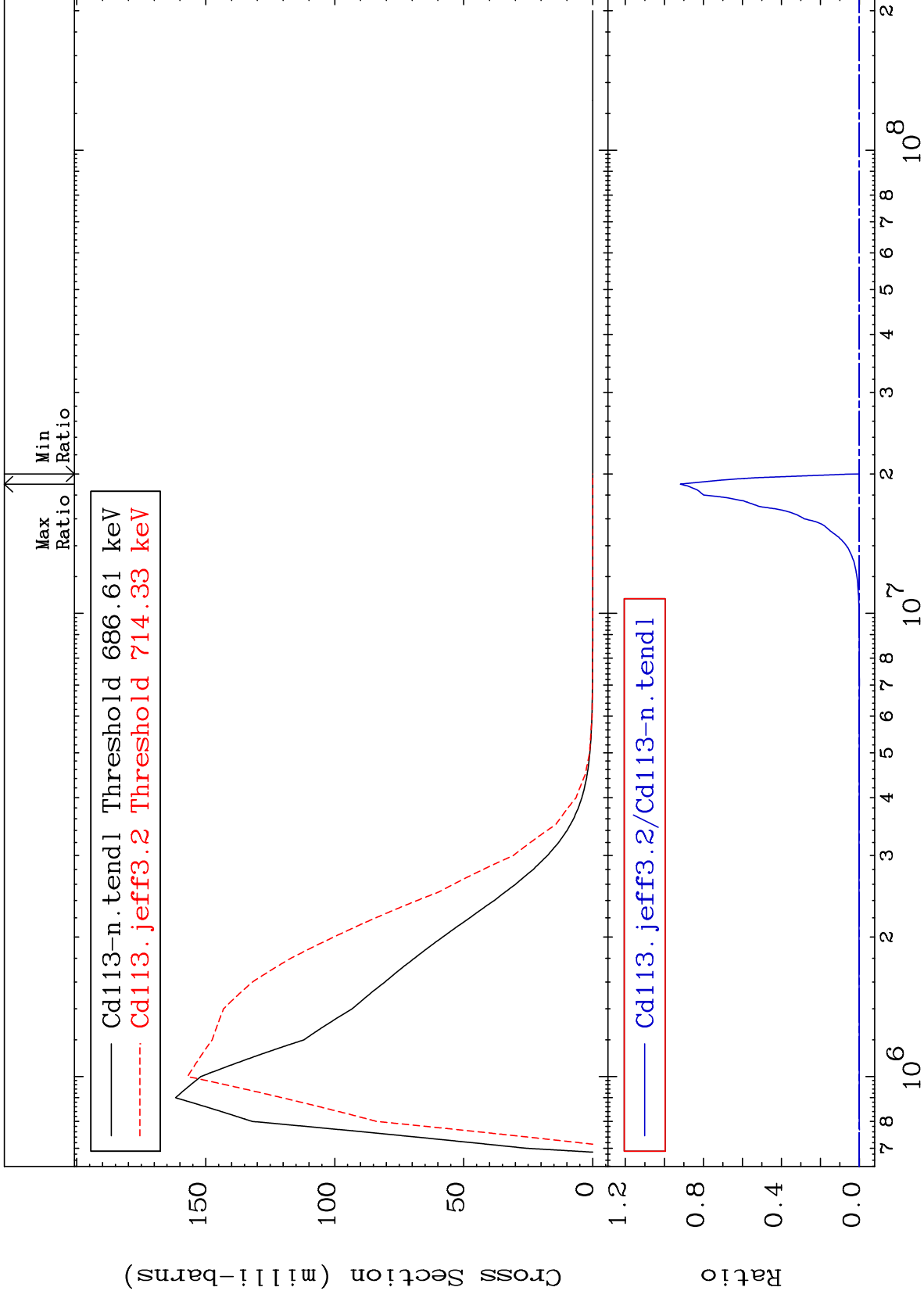
Incident Energy (eV)

48-Cd-113

MAT 4846

680.5 keV (n,n') Level  
Cross Section

48-Cd-113  
-100.0 To 9999. %



19

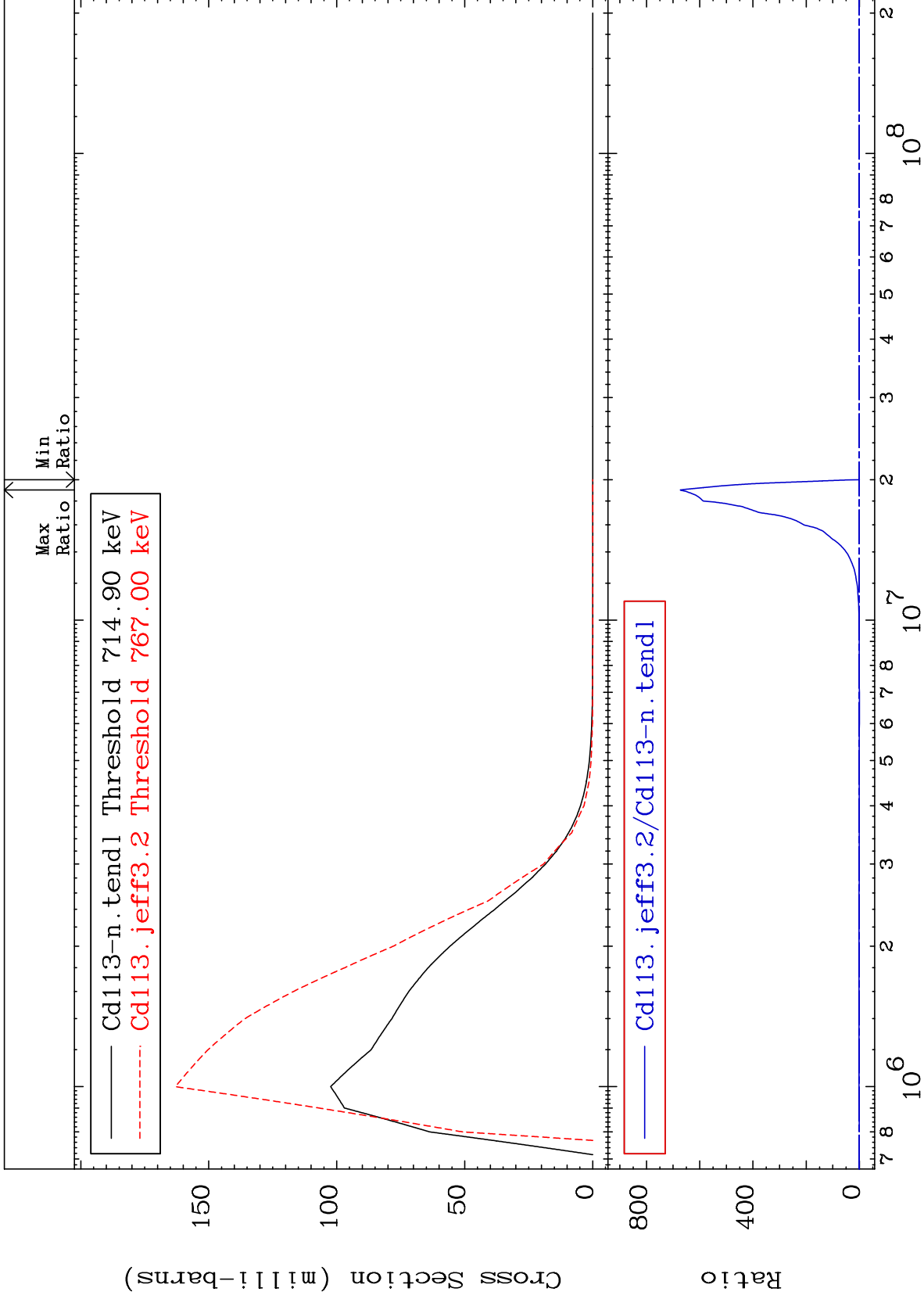
Incident Energy (eV)

48-Cd-113

MAT 4846

708.6 keV (n,n') Level  
Cross Section

48-Cd-113  
-100.0 To 9999. %



20

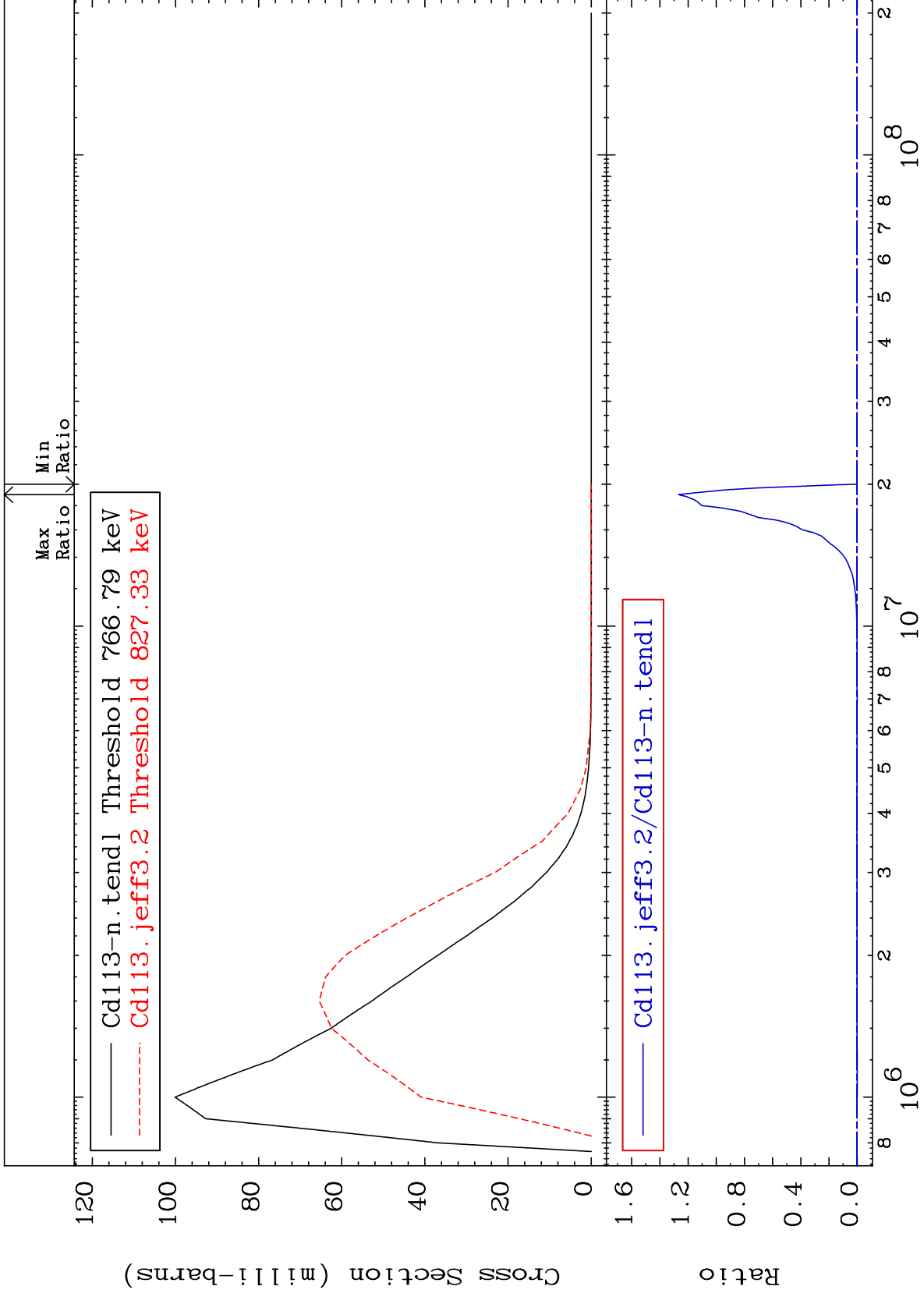
Incident Energy (eV)

48-Cd-113

MAT 4846

760.0 keV (n,n') Level  
Cross Section

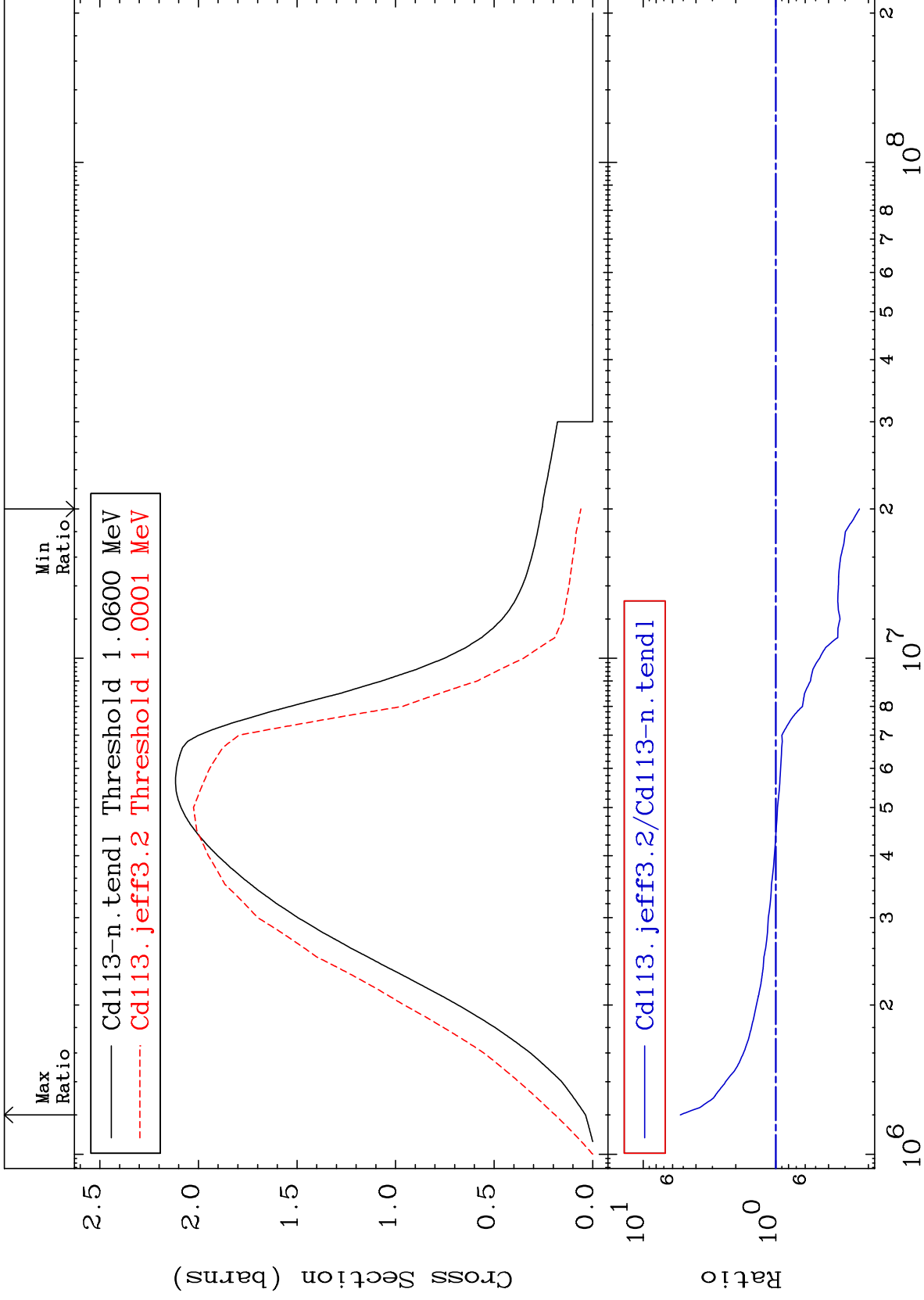
48-Cd-113  
-100.0 To 9999. %



MAT 4846

(n, n') Continuum  
Cross Section

48-Cd-113  
-76.64 To 424.7 %



22

Incident Energy (eV)

48-Cd-113

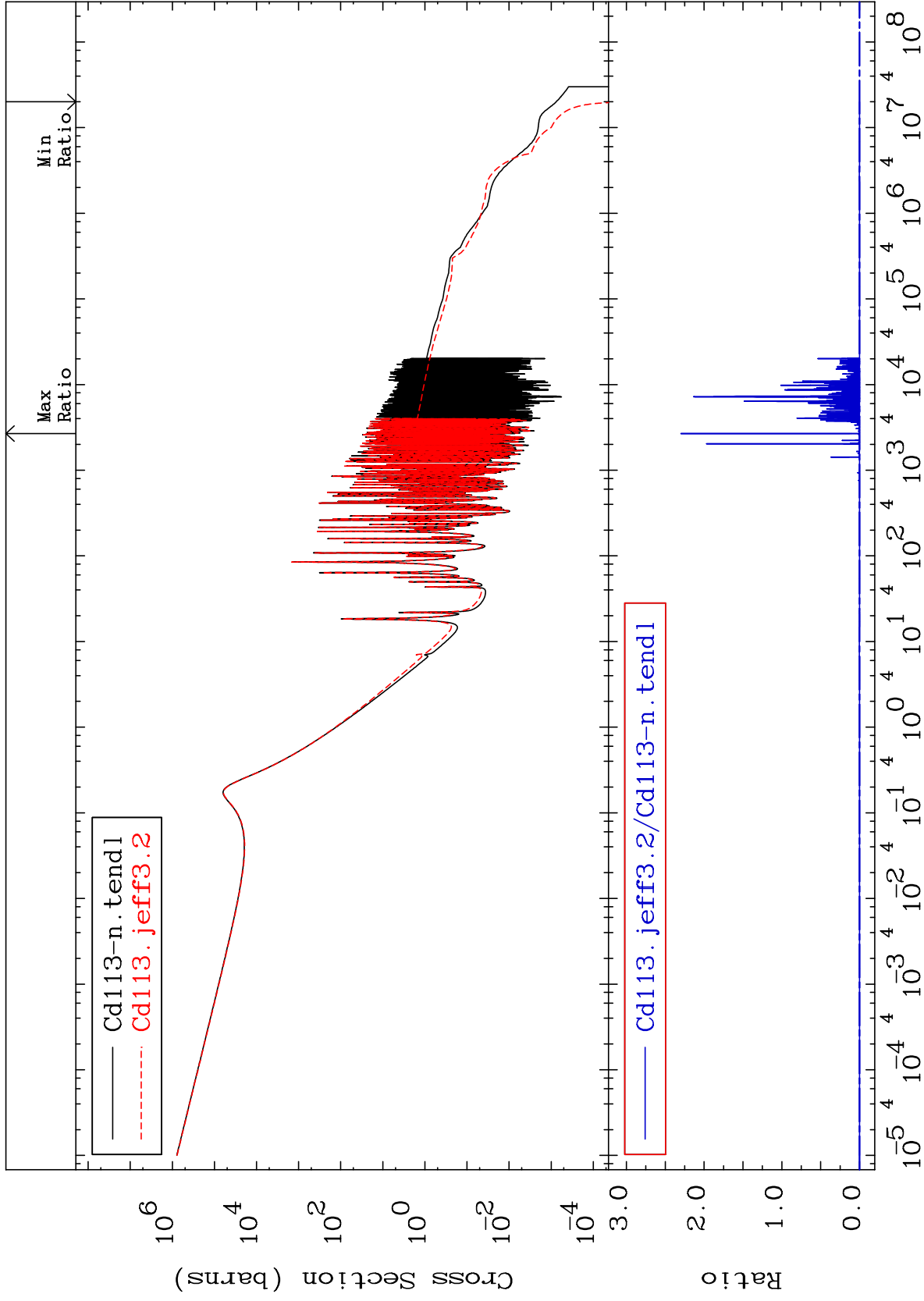
MAT 4846

(n,  $\gamma$ )

48-Cd-113

Cross Section

-100.0 To 9999. %



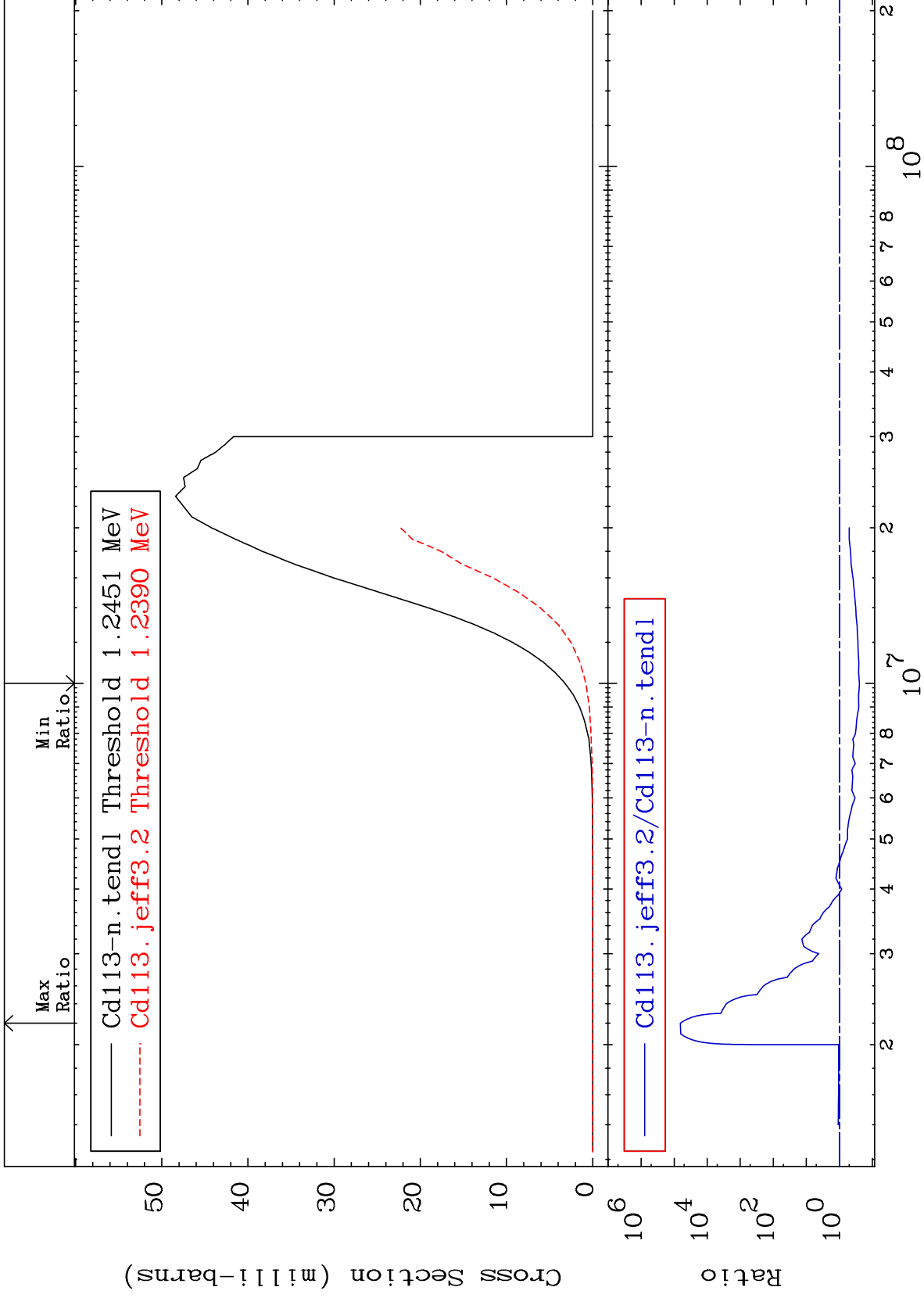
MAT 4846

(n,p)

48-Cd-113

Cross Section

-75.32 To 9999. %





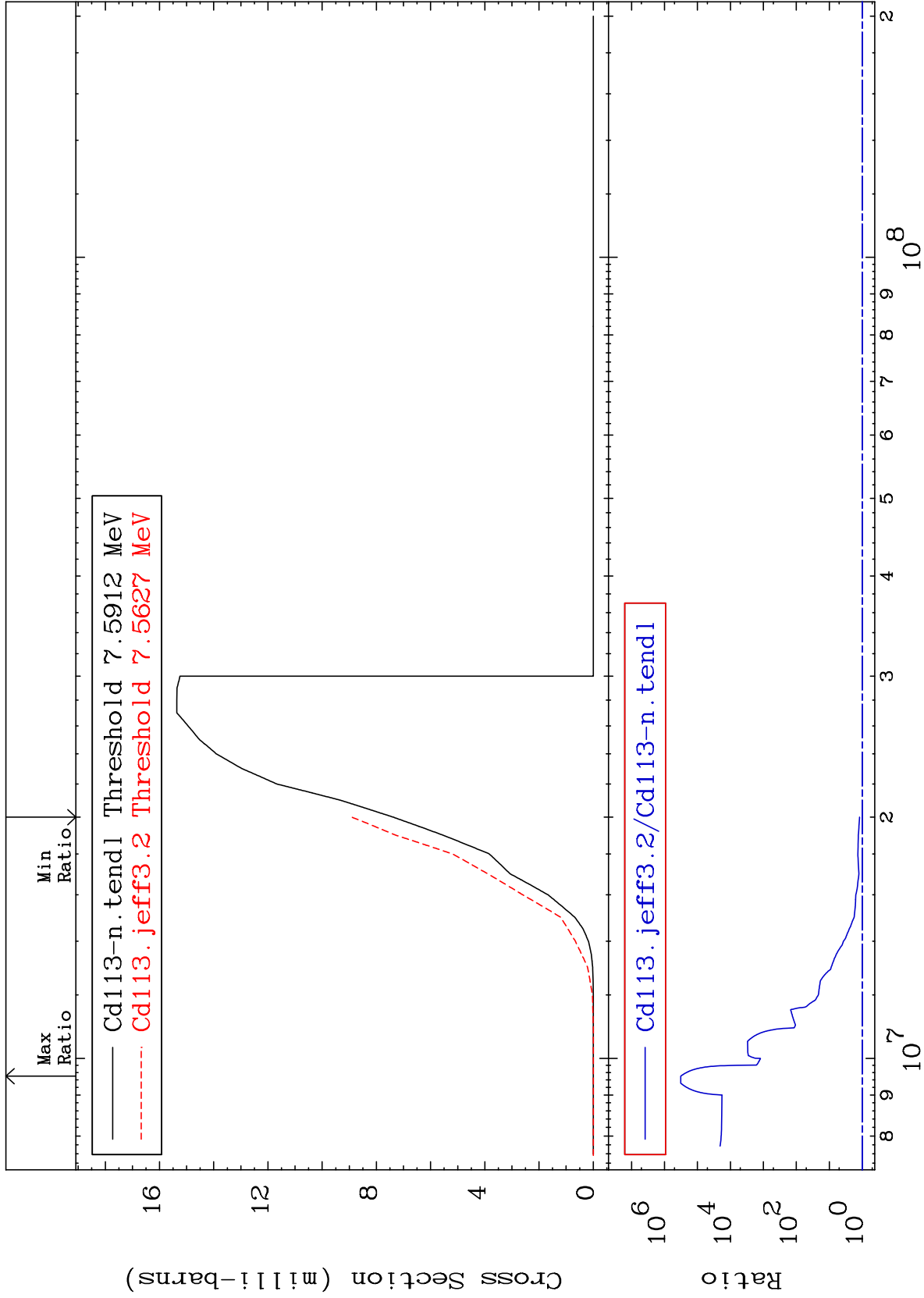
MAT 4846

(n, d)

48-Cd-113

Cross Section

20.71 To 9999. %



25

Incident Energy (eV)

48-Cd-113

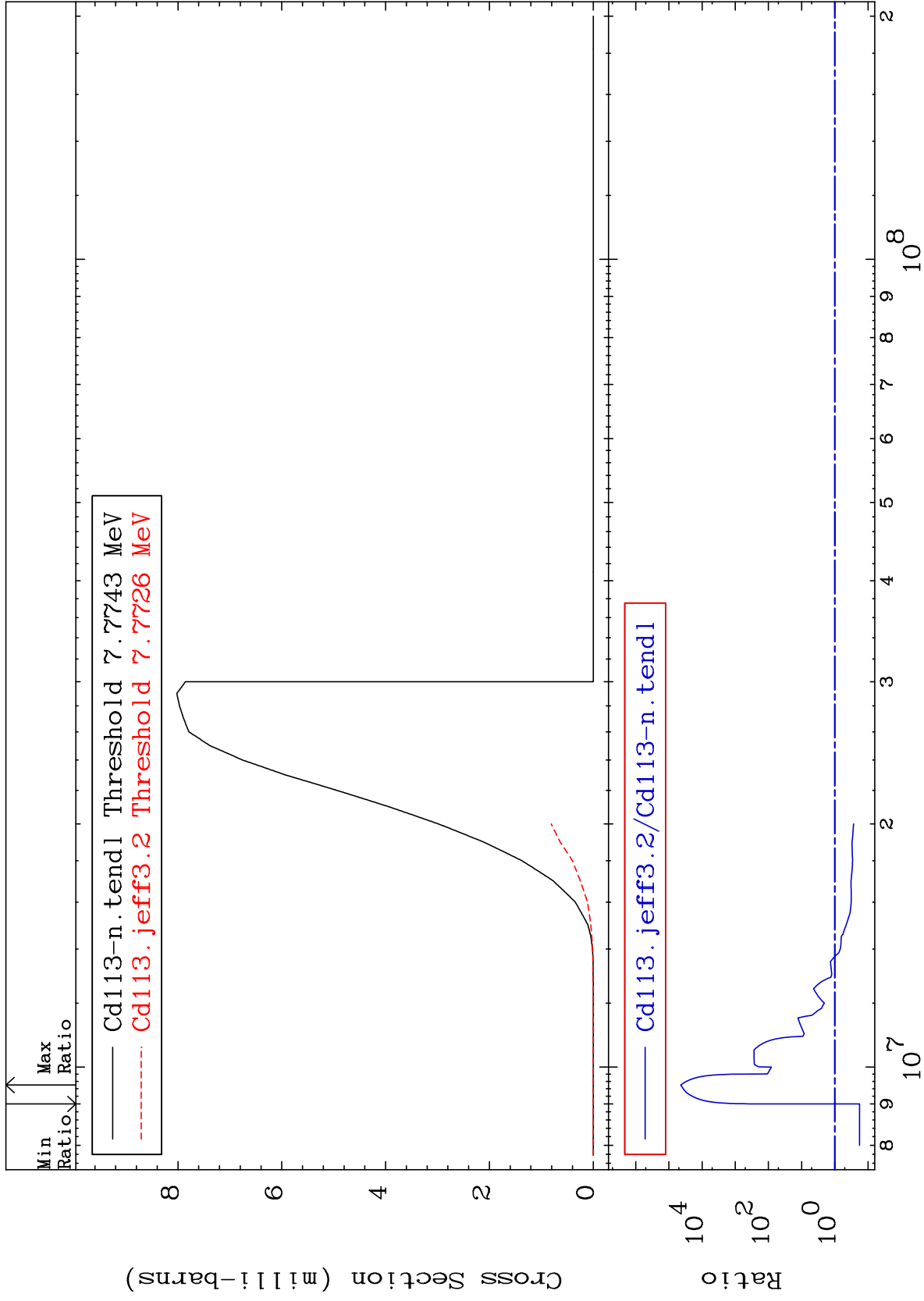
MAT 4846

(n, t)

48-Cd-113

Cross Section

-81.99 To 9999. %



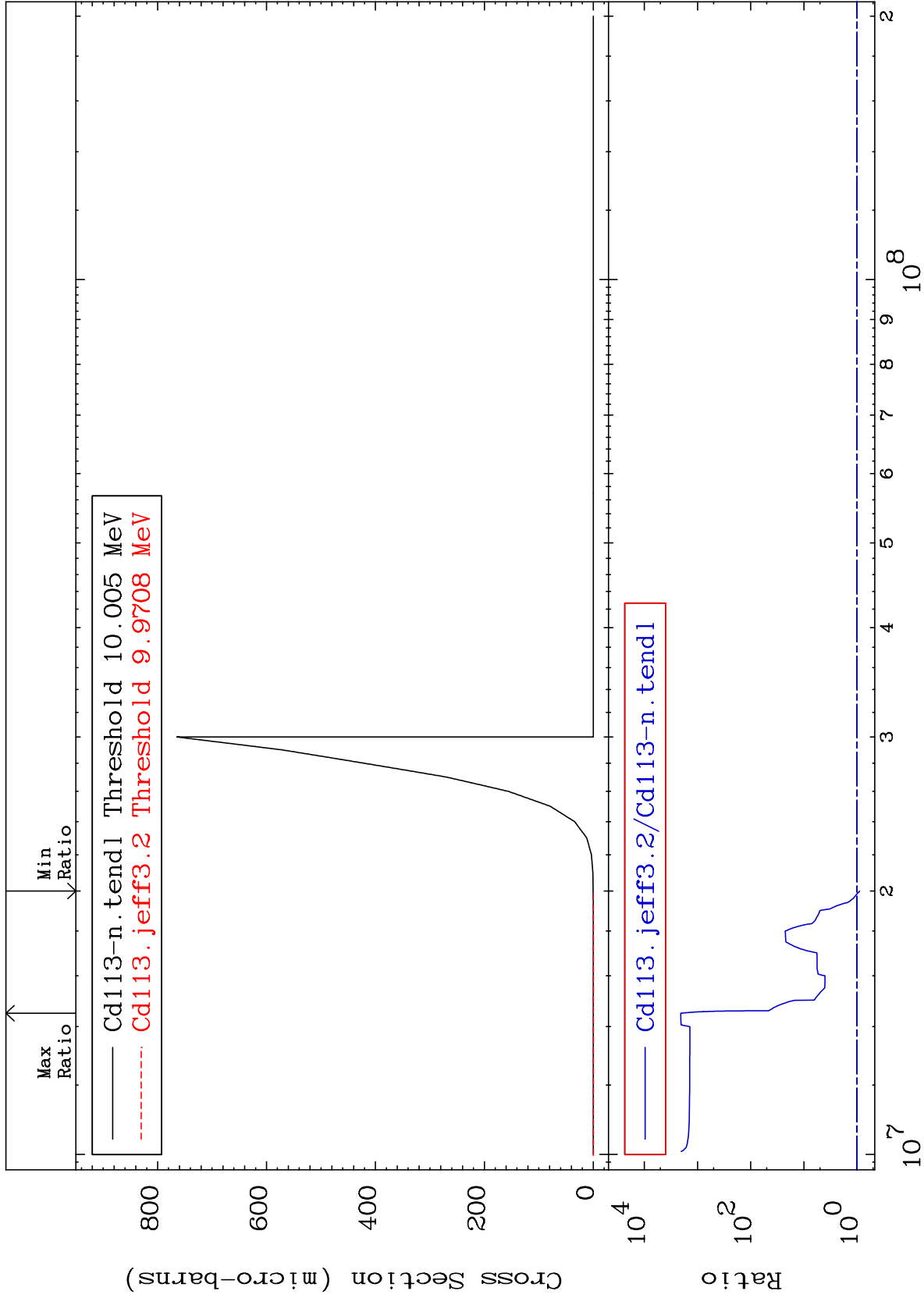
MAT 4846

(n, He-3)

48-Cd-113

Cross Section

-10.17 To 9999. %



27

48-Cd-113

48-Cd-113

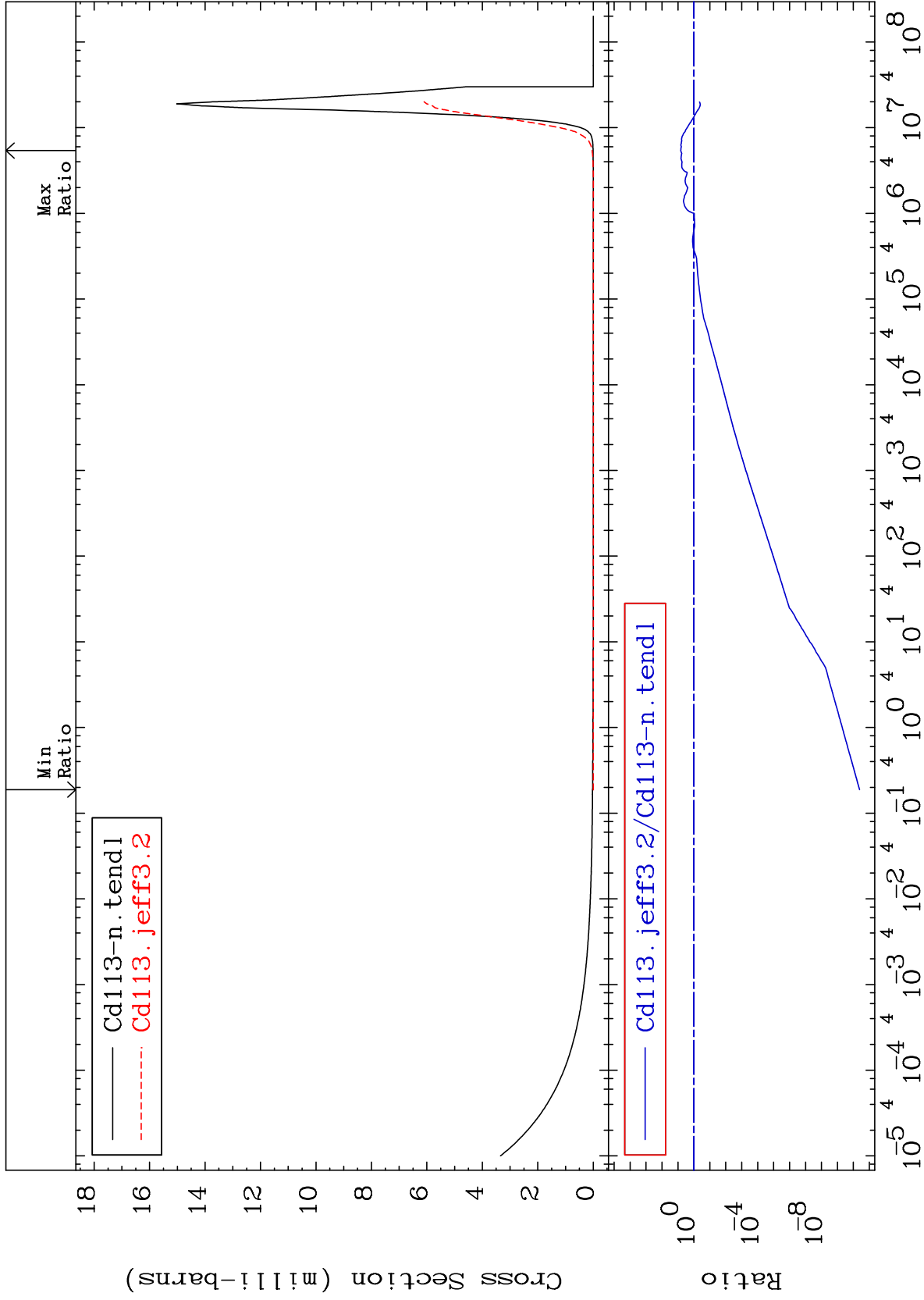
MAT 4846

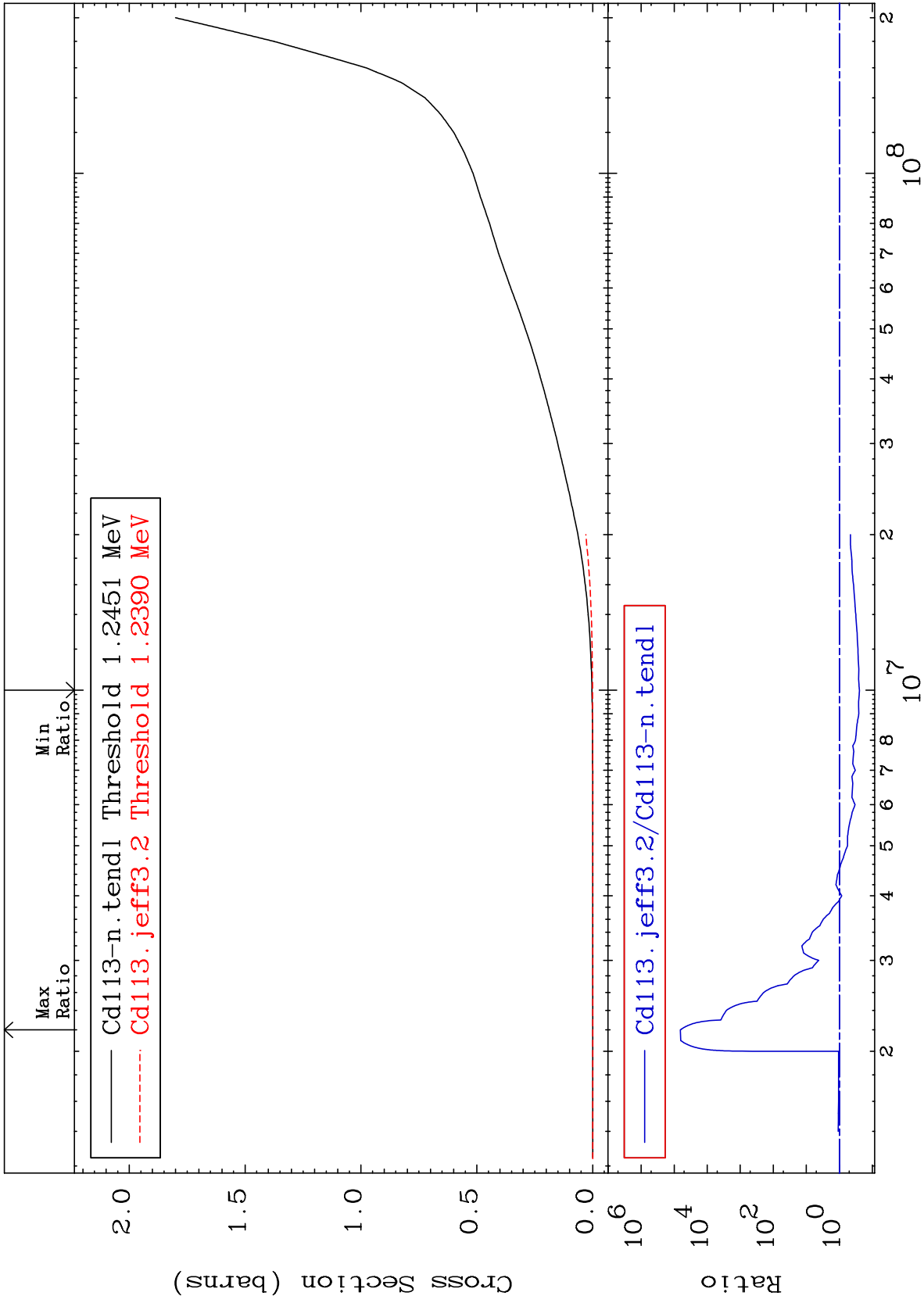
(n,  $\alpha$ )

48-Cd-113

Cross Section

-100.0 To 562.4 %

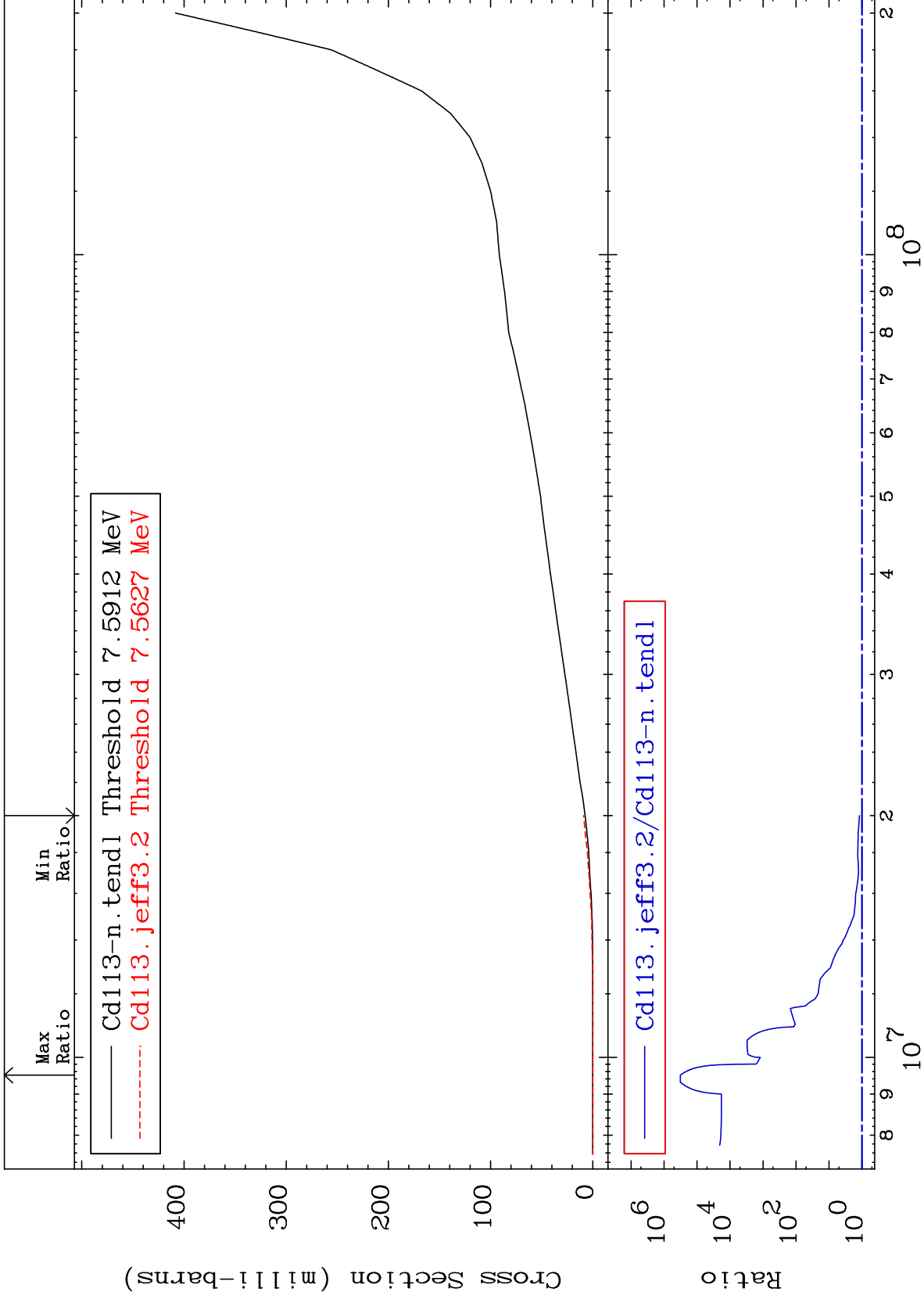




MAT 4846

Deuterium Production  
Cross Section

48-Cd-113  
19.84 To 9999. %



30

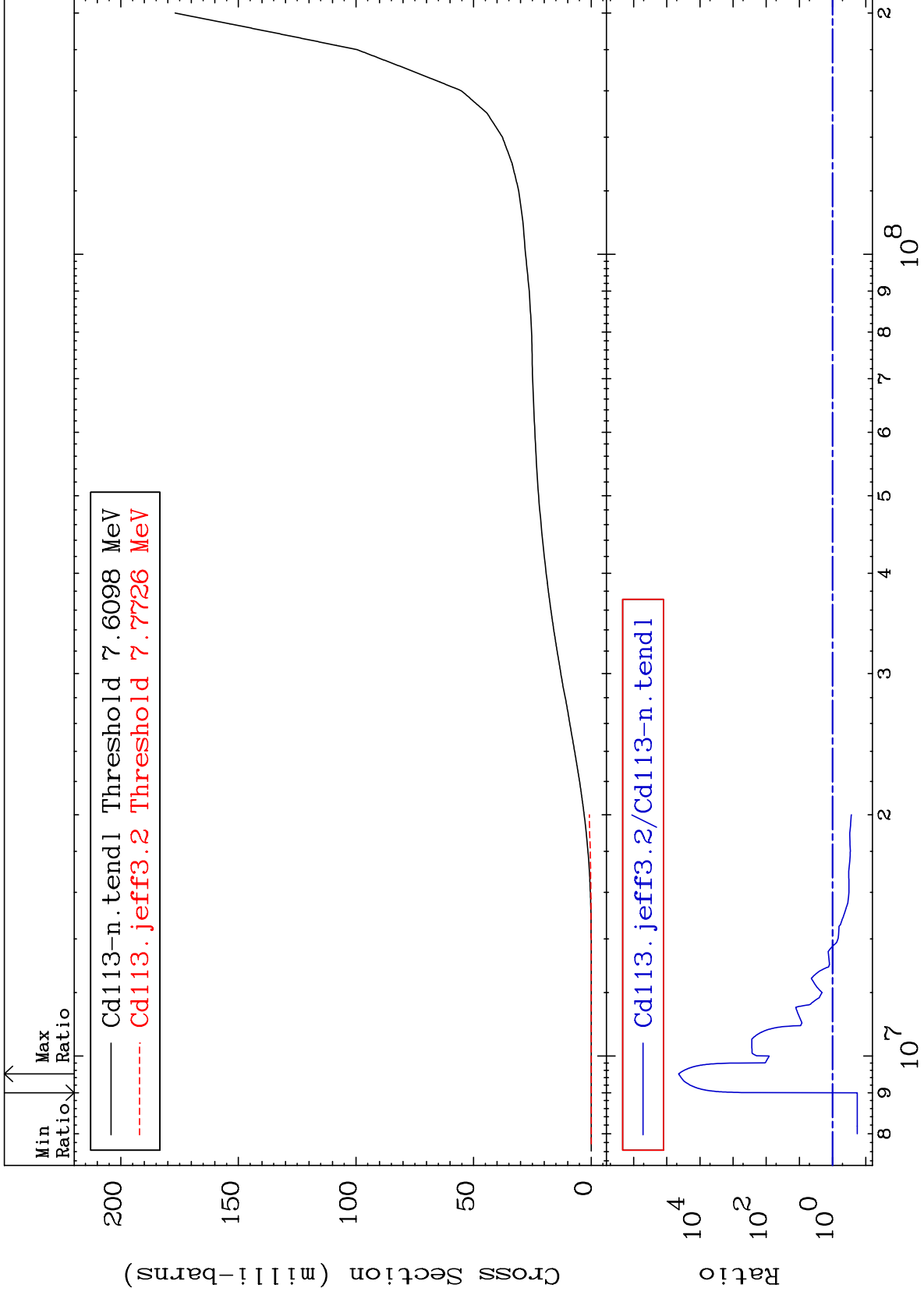
Incident Energy (eV)

48-Cd-113

MAT 4846

Tritium Production  
Cross Section

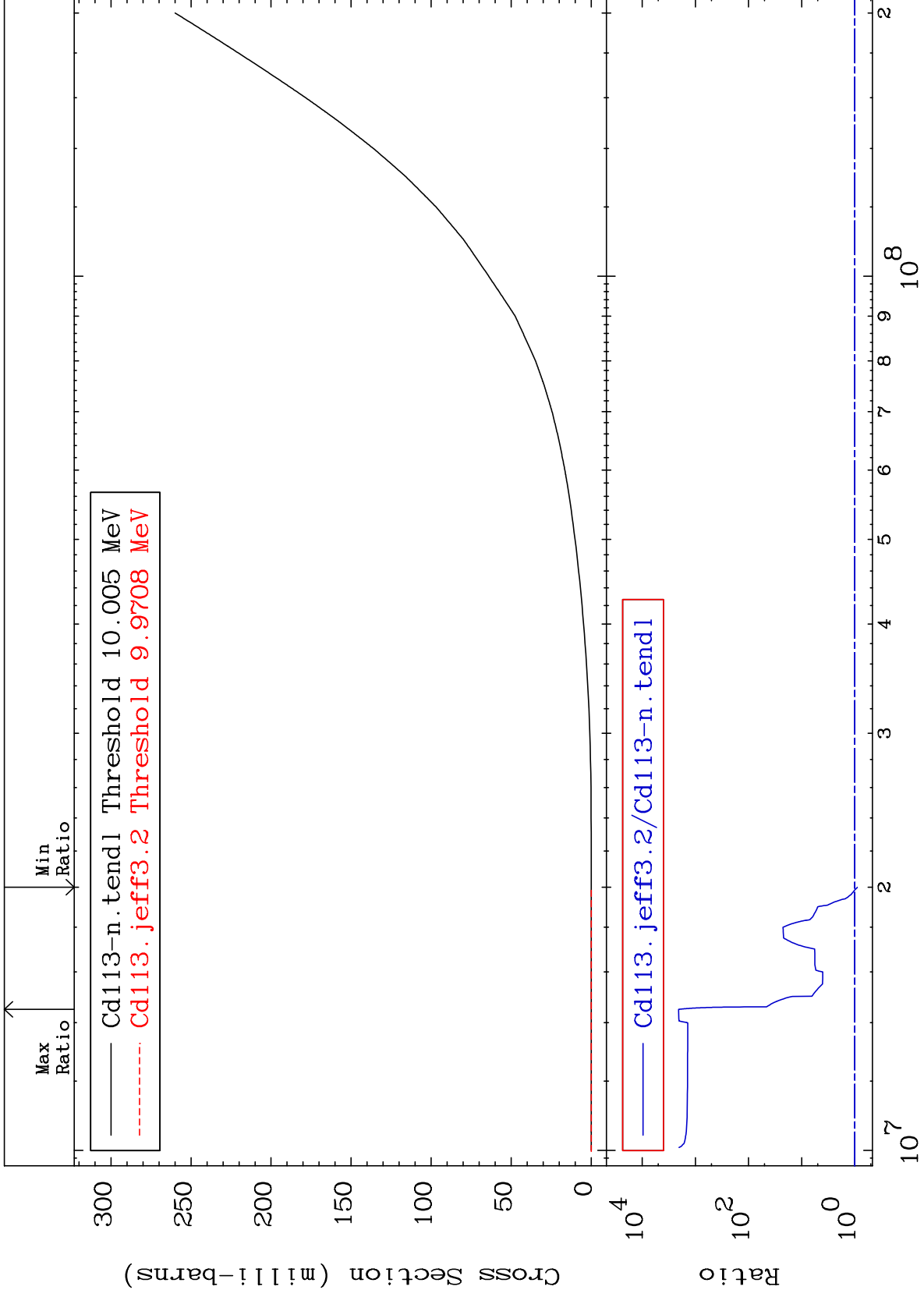
48-Cd-113  
-81.99 To 9999. %



MAT 4846

He-3 Production  
Cross Section

48-Cd-113  
-10.17 To 9999. %



32

Incident Energy (eV)

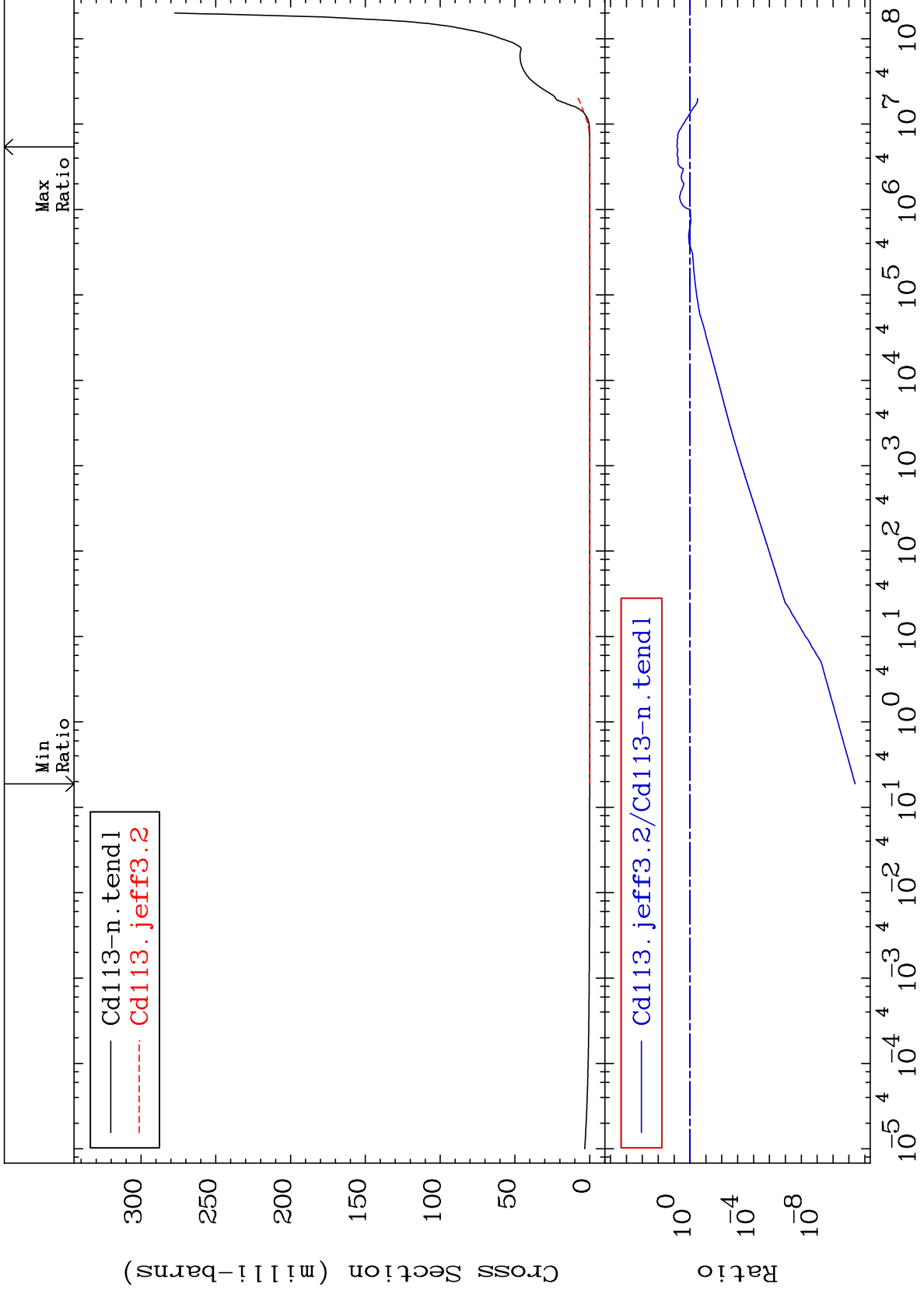
48-Cd-113



MAT 4846

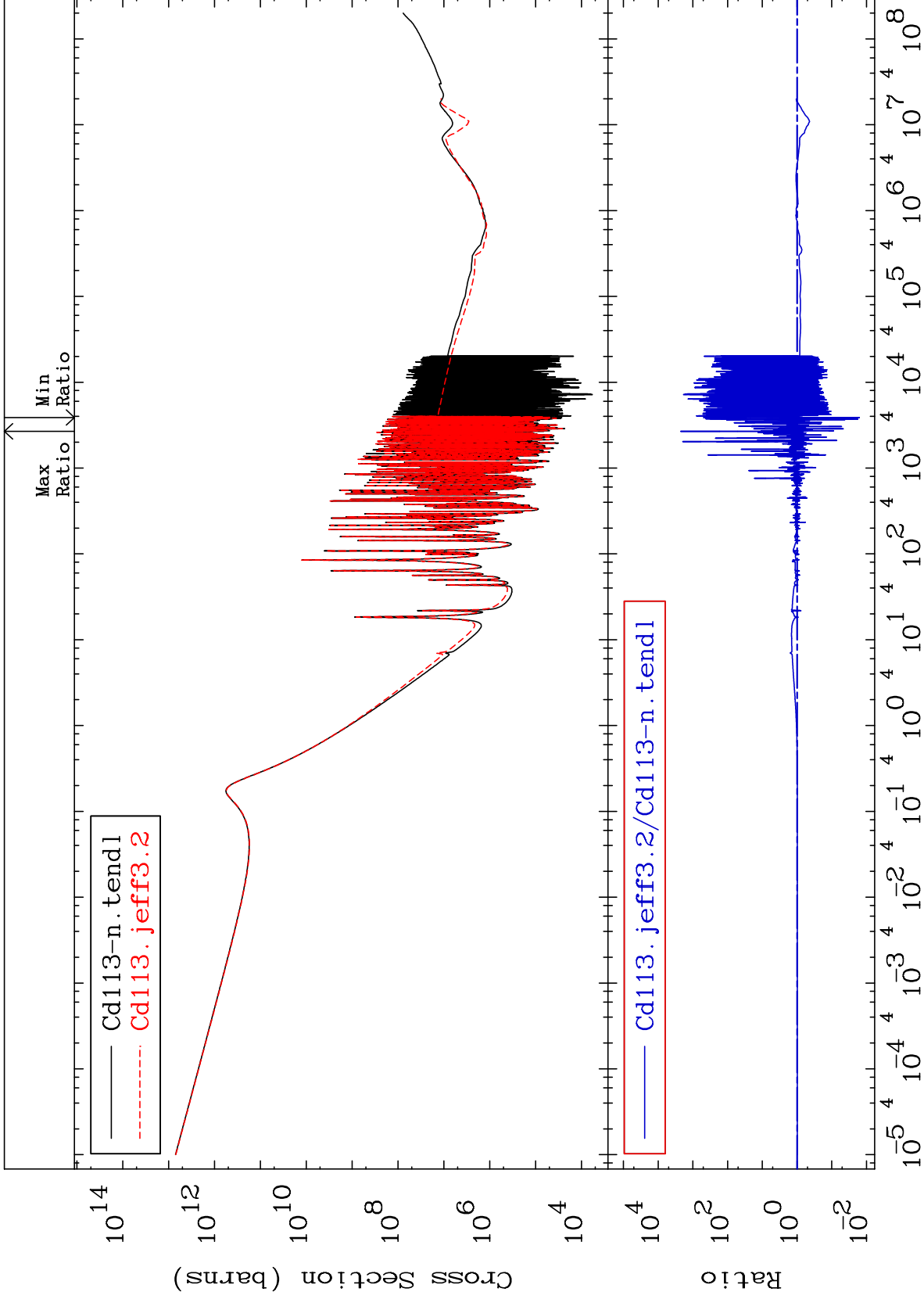
He-4 Production  
Cross Section

48-Cd-113  
-100.0 To 562.4 %



Cross Section

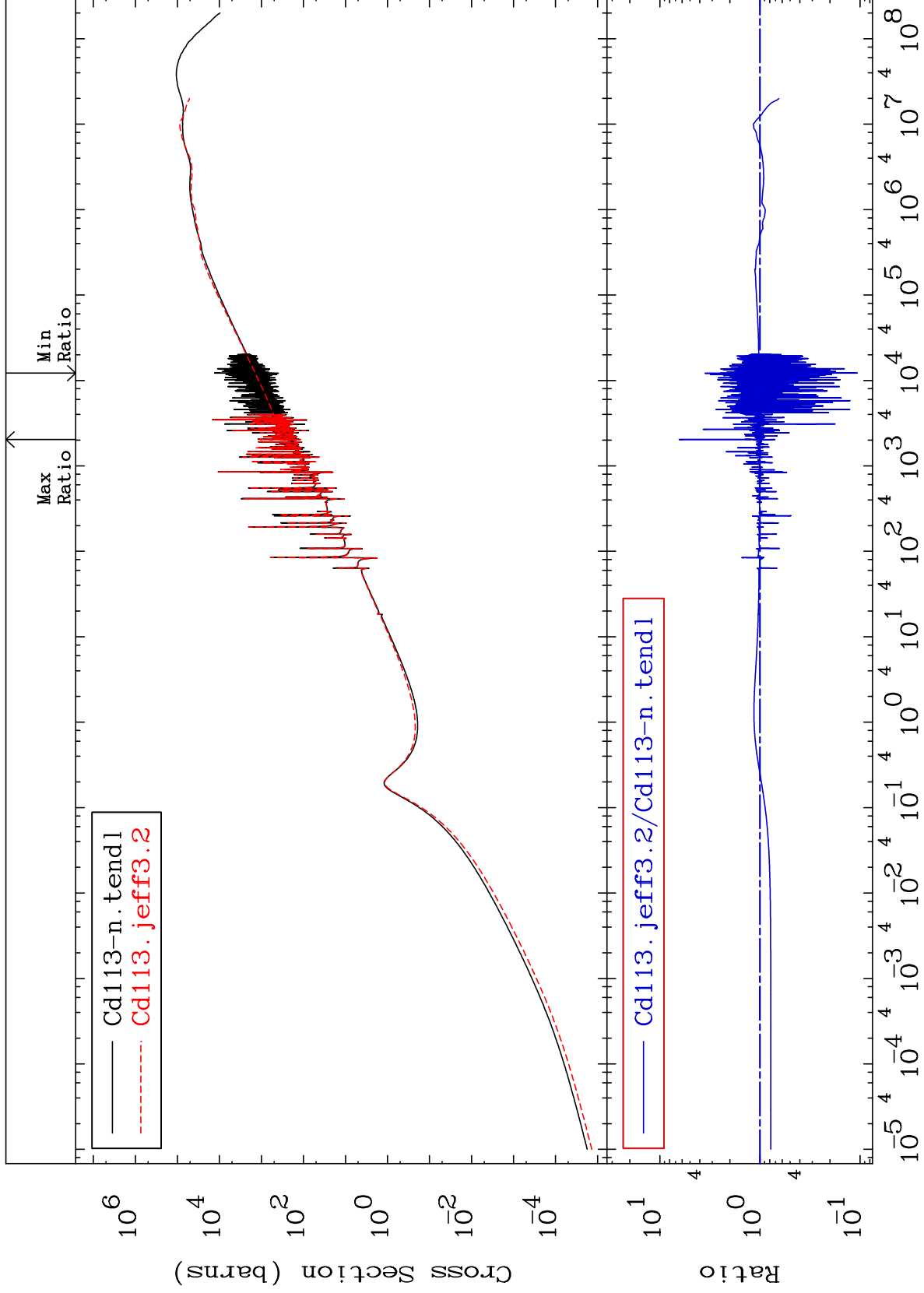
-98.40 To 9999. %

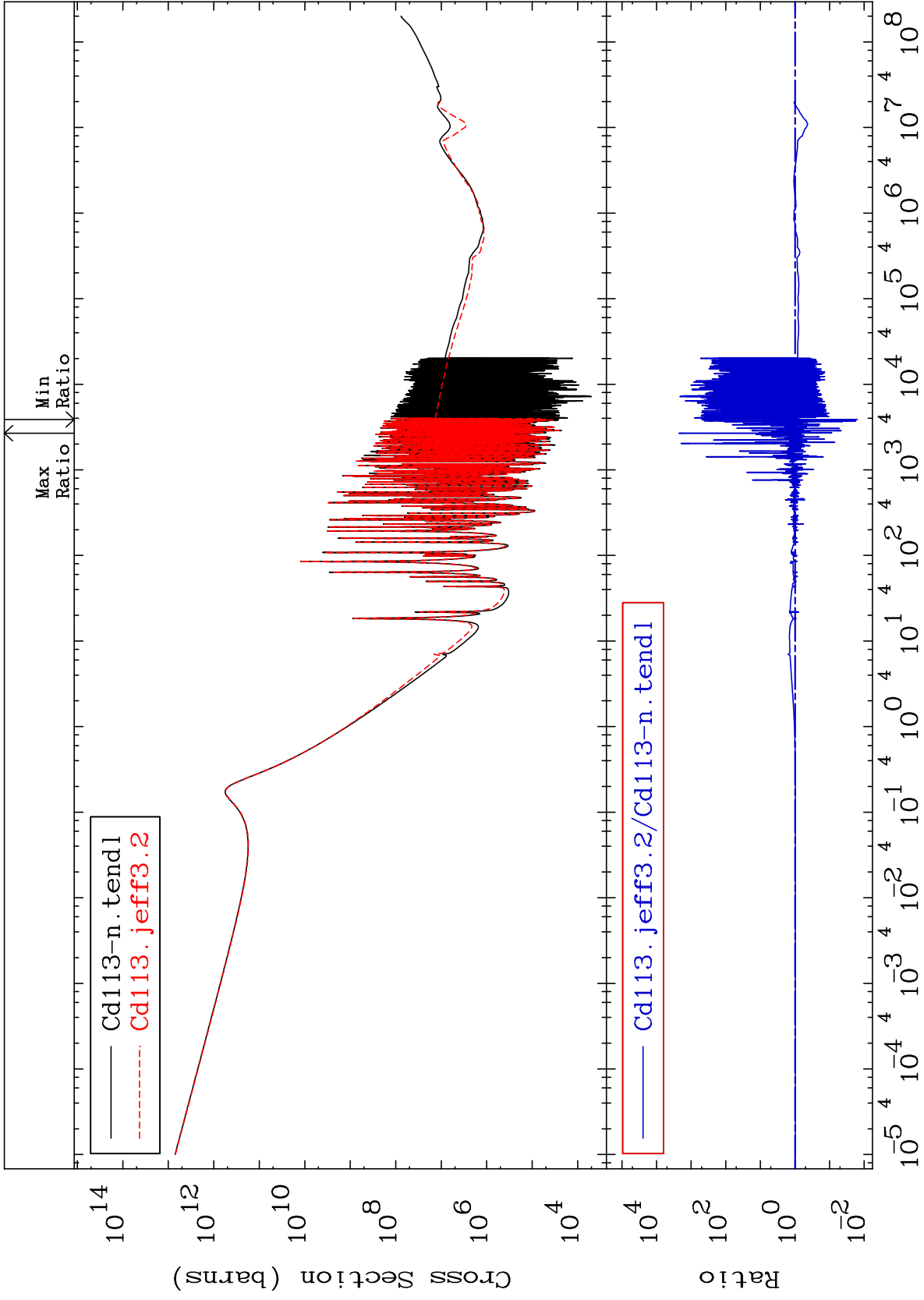


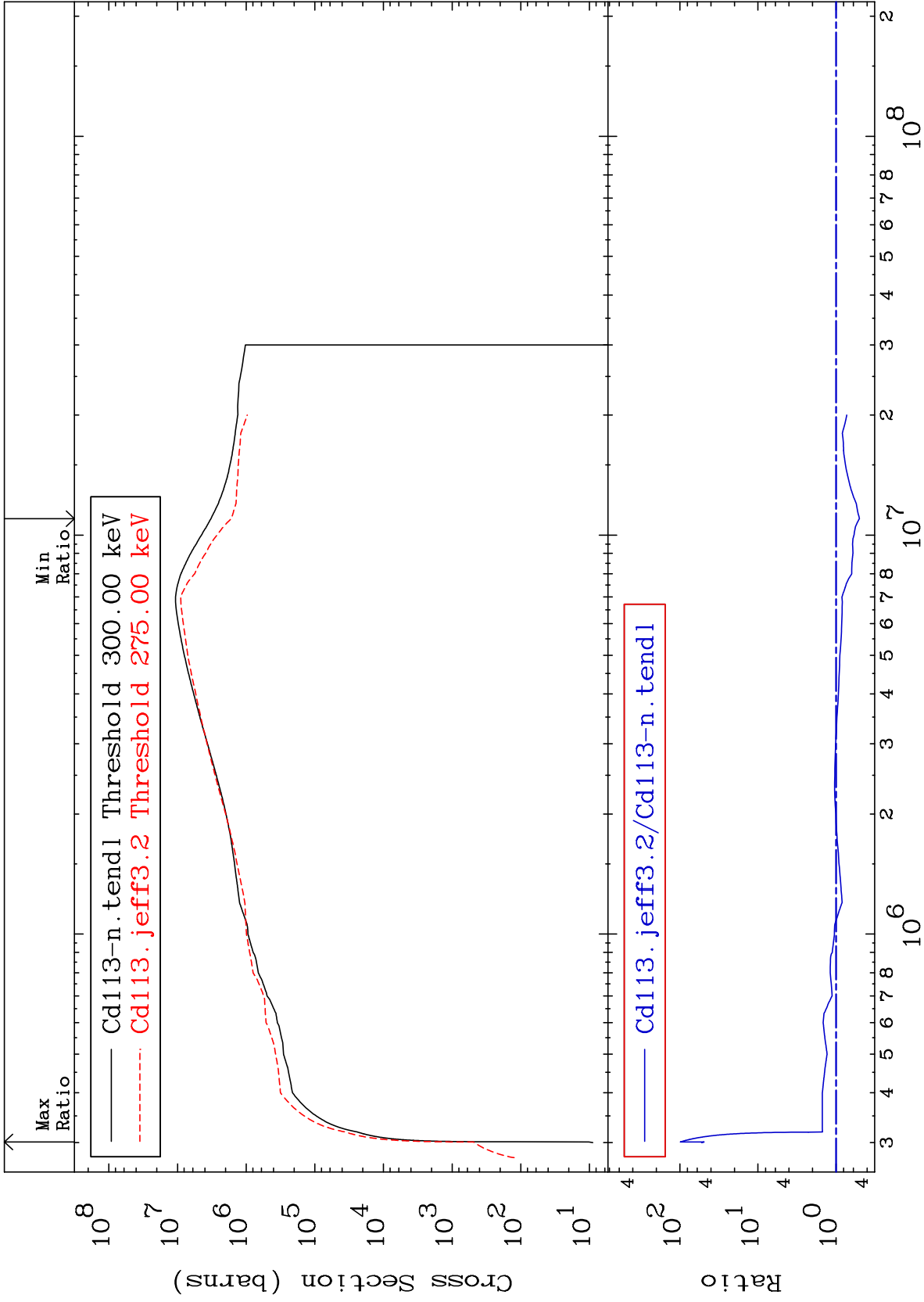
MAT 4846

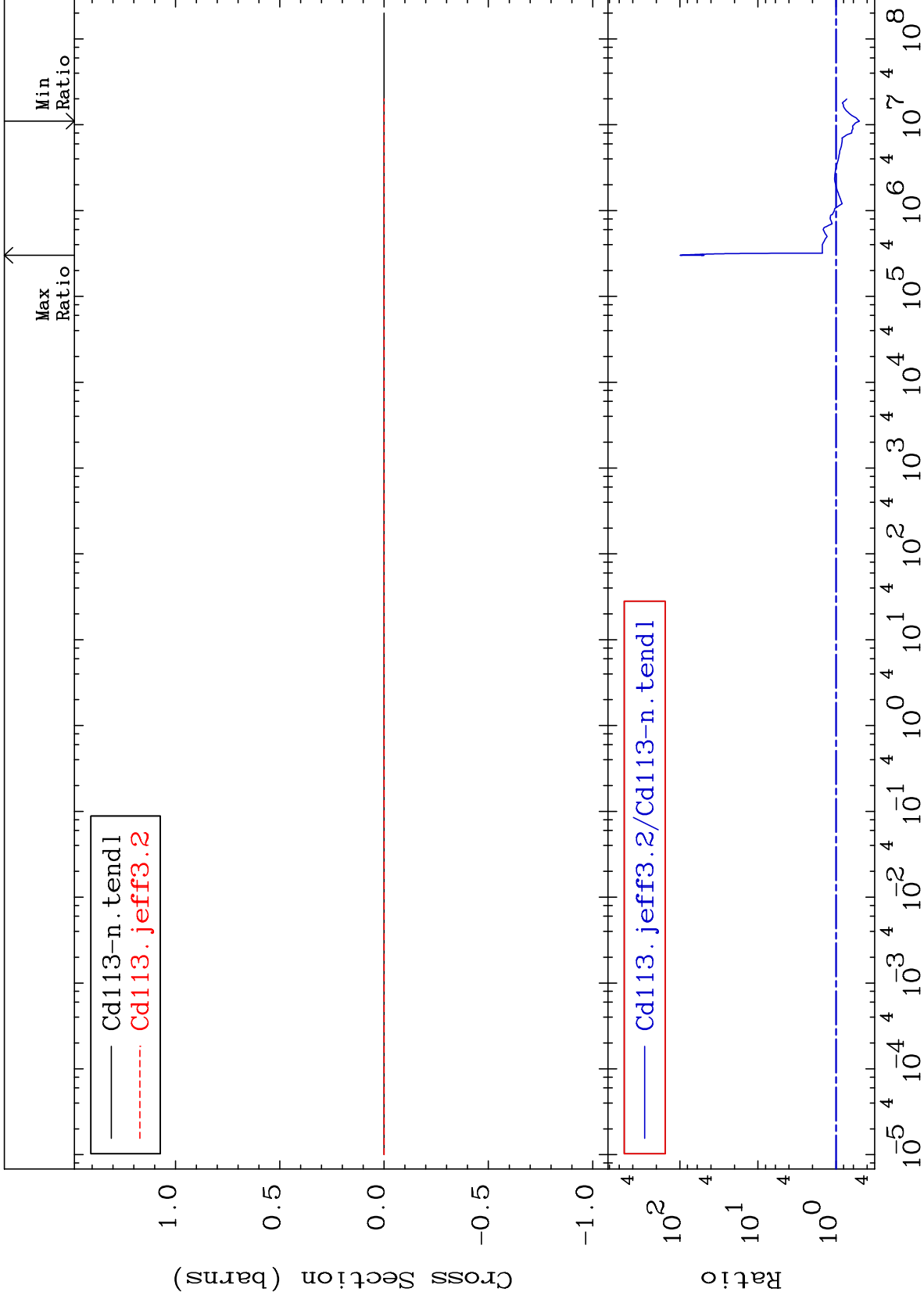
Kerma elastic  
Cross Section

48-Cd-113  
-89.34 To 544.1 %





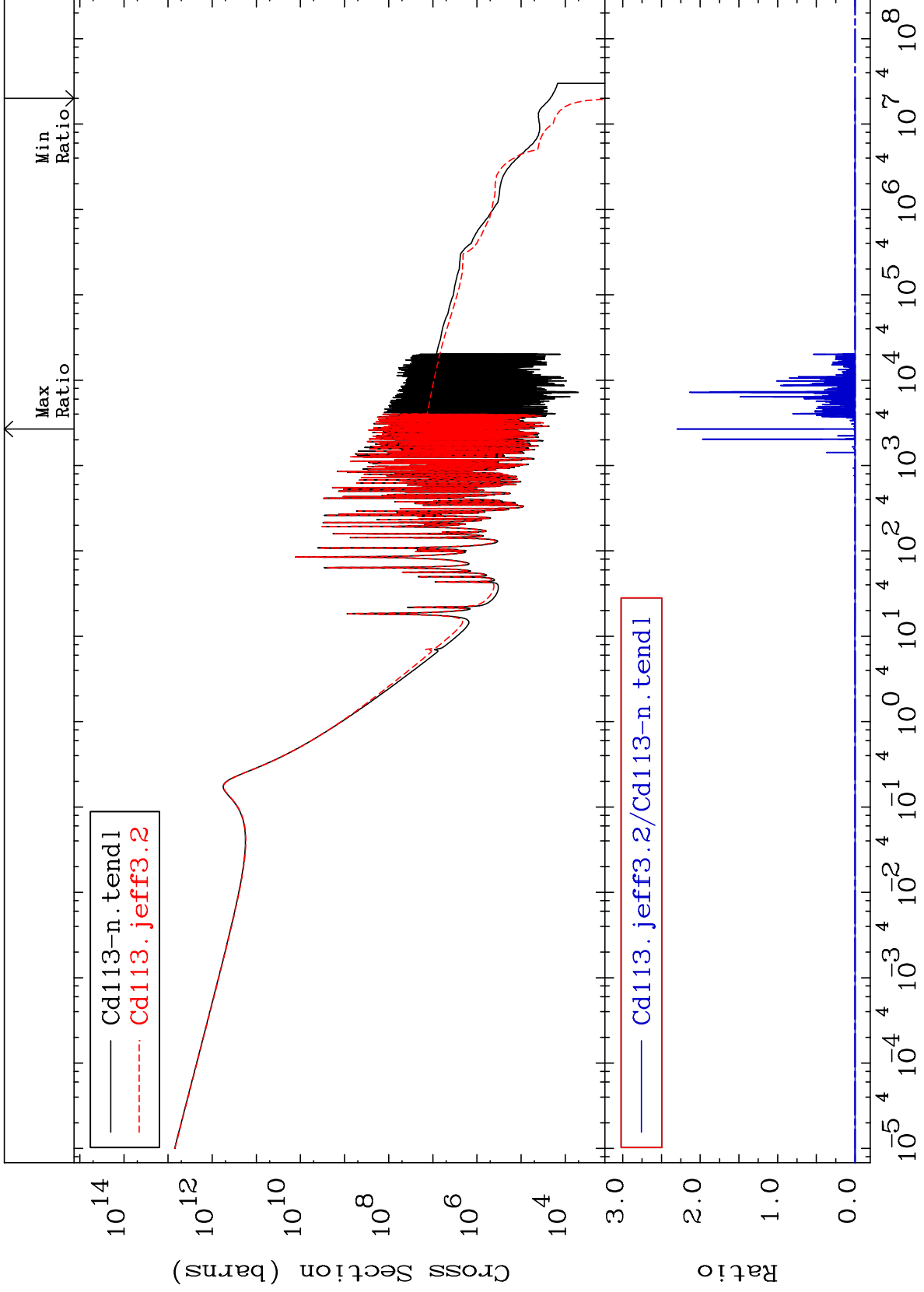




MAT 4846

Kerma capture (mt102)  
Cross Section

48-Cd-113  
-100.0 To 9999. %



39

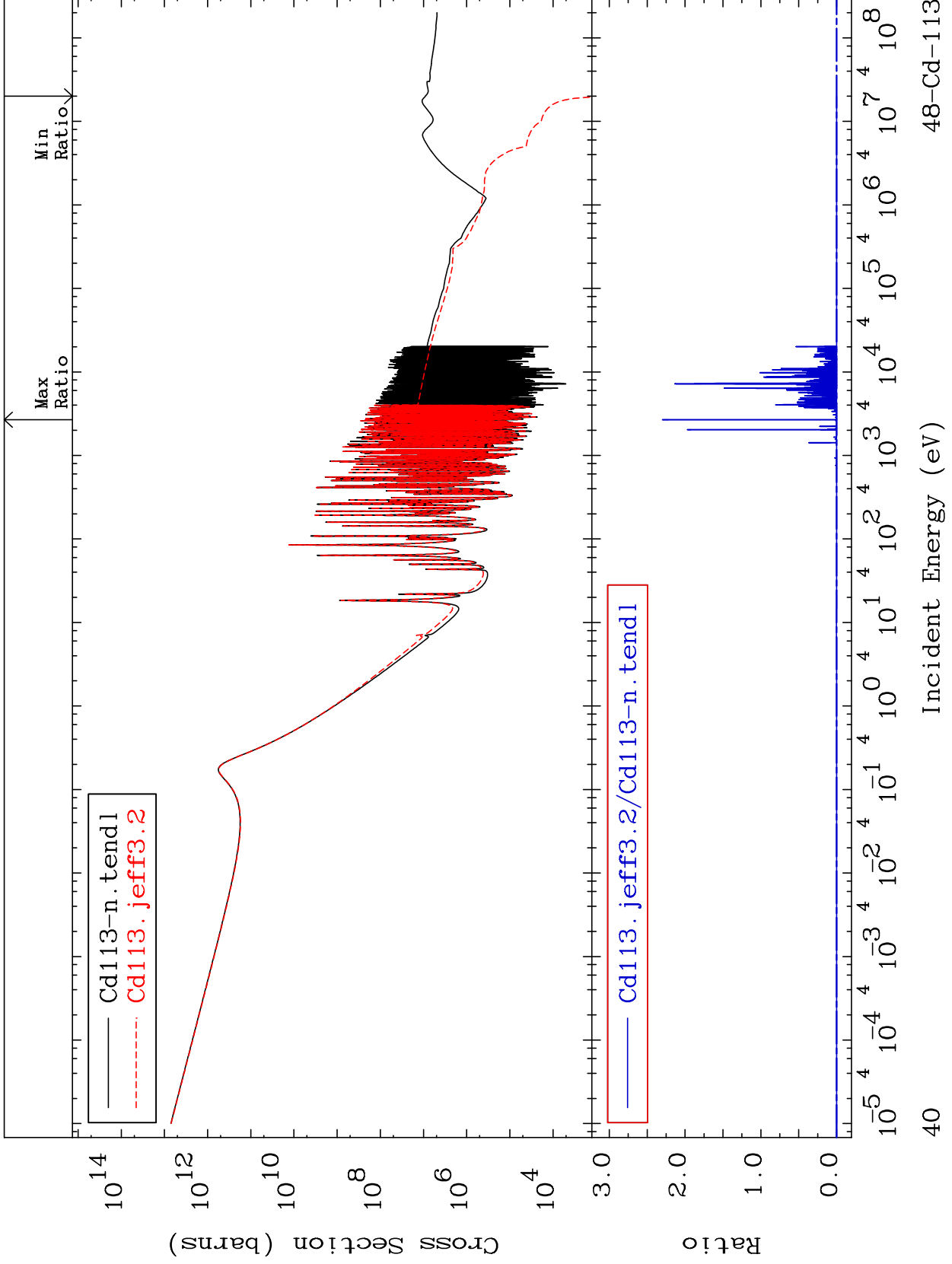
Incident Energy (eV)

48-Cd-113

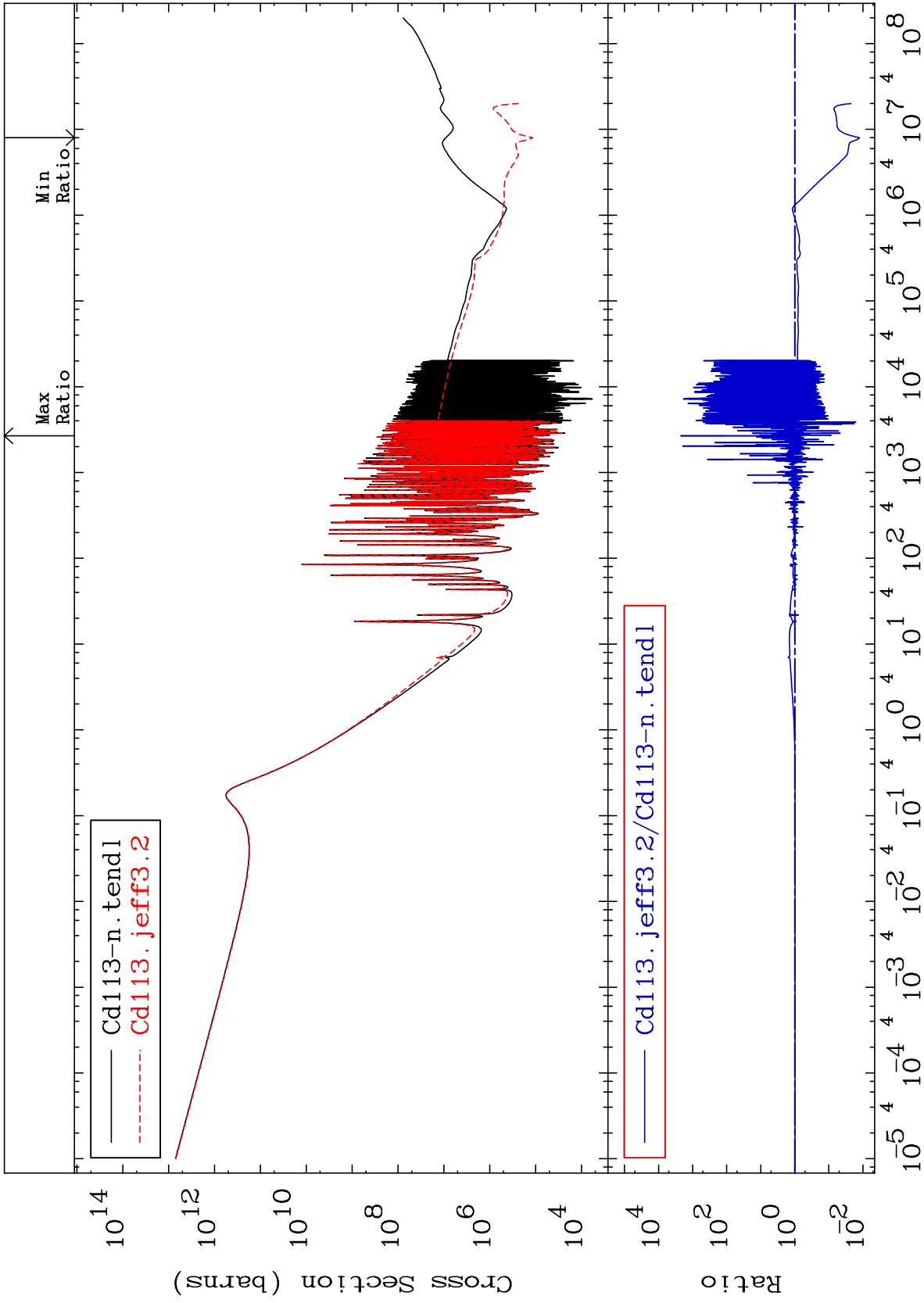
MAT 4846

Total photon (eV-barns)  
Cross Section

48-Cd-113  
-100.0 To 9999. %



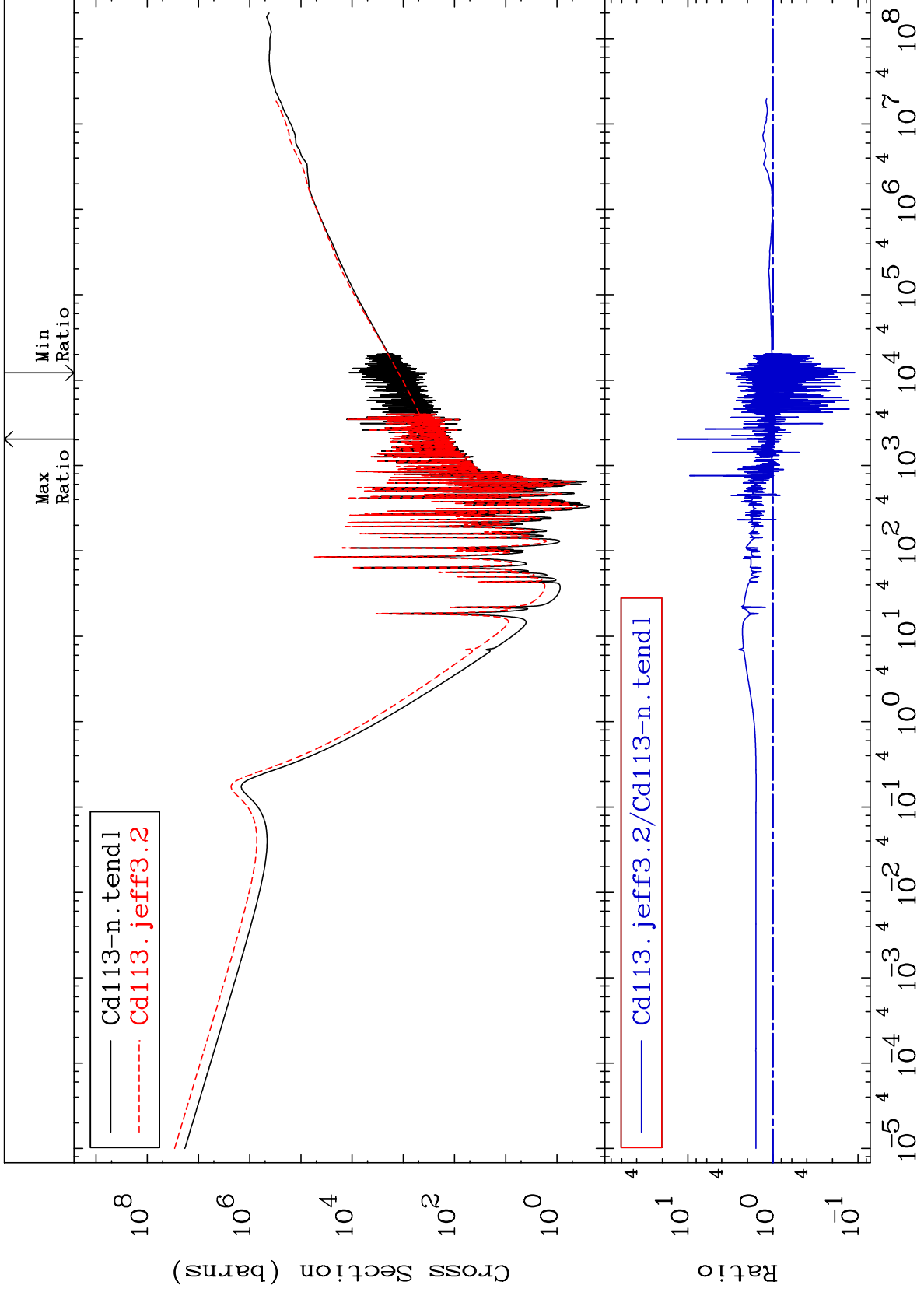




MAT 4846

Dpa total (eV-barns)  
Cross Section

48-Cd-113  
-89.17 To 1246. %



42

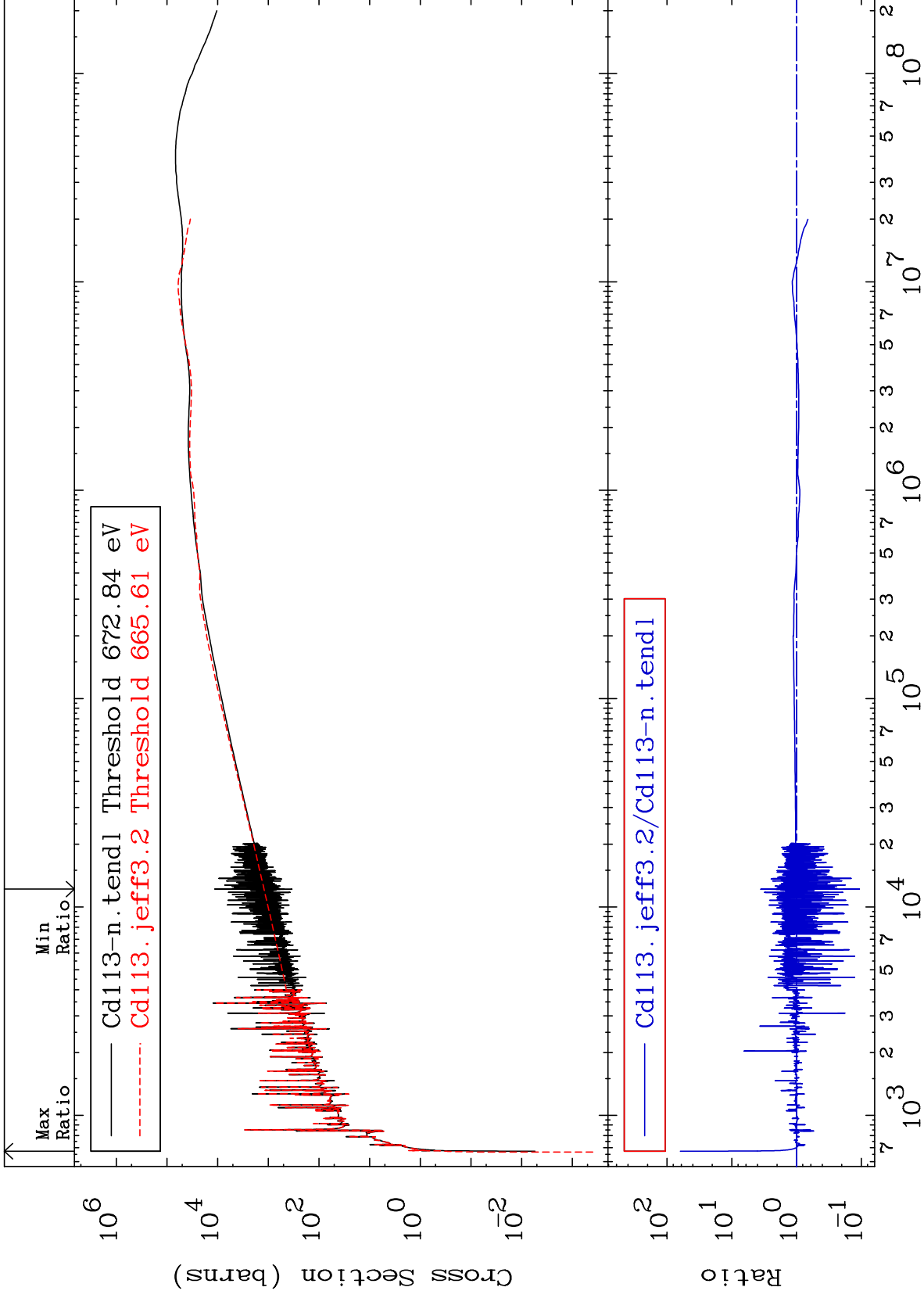
Incident Energy (eV)

48-Cd-113

MAT 4846

Dpa elastic (mt2)  
Cross Section

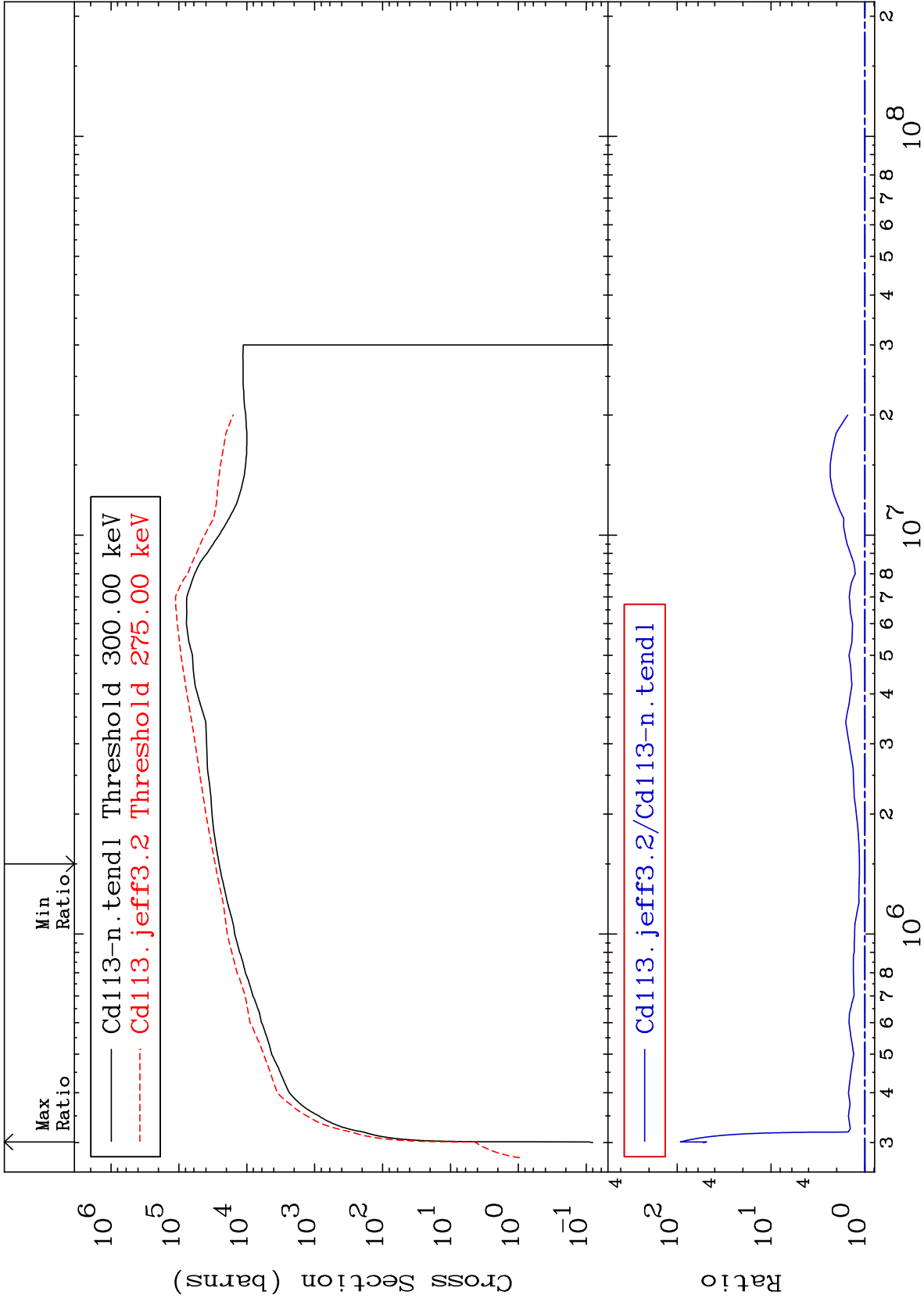
48-Cd-113  
-89.34 To 6112. %



43

Incident Energy (eV)

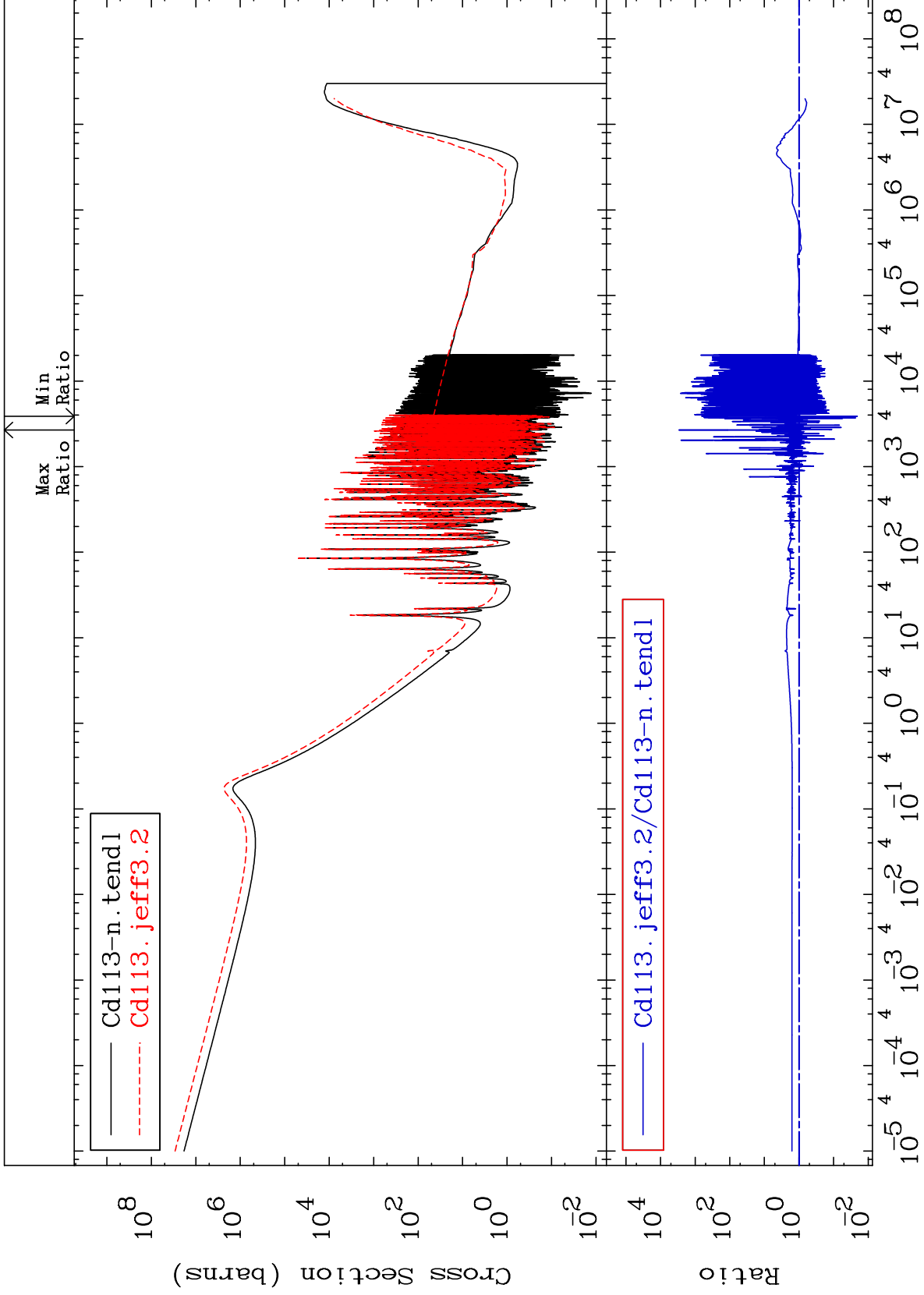
48-Cd-113



MAT 4846

Dpa disappearance (mt102 -120)  
Cross Section

48-Cd-113  
-97.93 To 9999. %



45

Incident Energy (eV)

48-Cd-113