

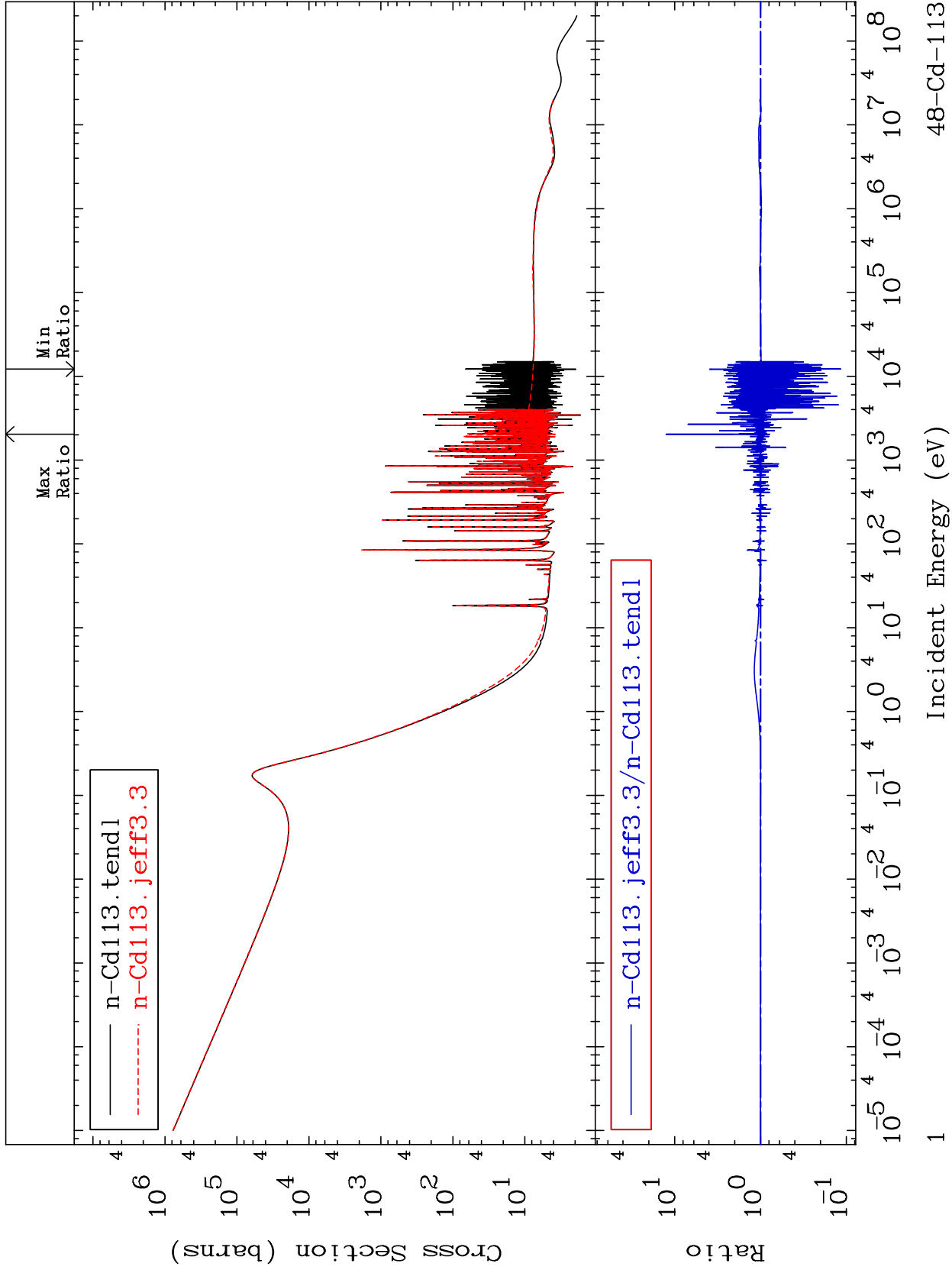
MAT 4846

Total

48-Cd-113

Cross Section

-88.39 To 1164. %



Incident Energy (eV)

48-Cd-113

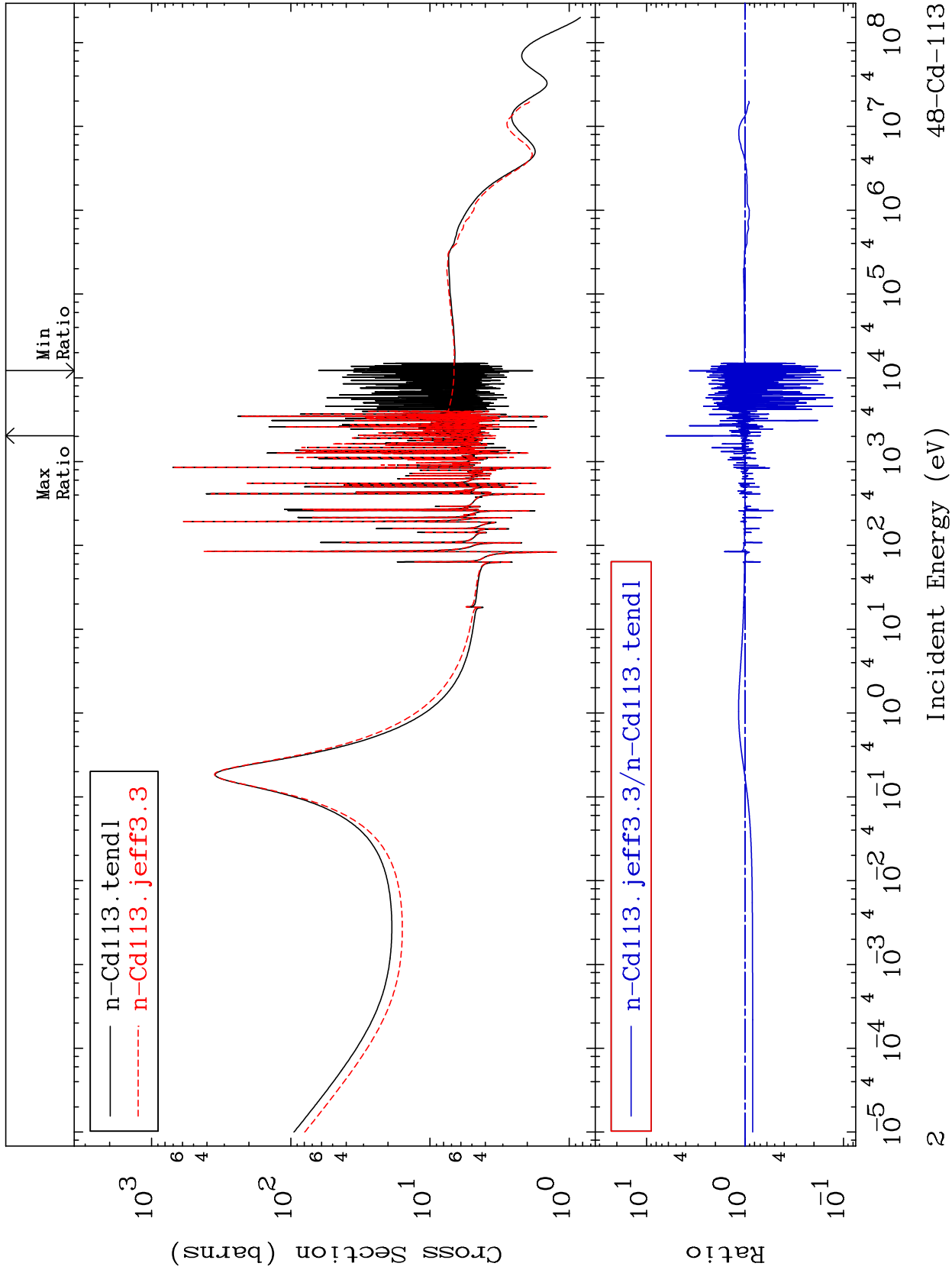
MAT 4846

Elastic

Cross Section

48-Cd-113

-89.36 To 534.7 %



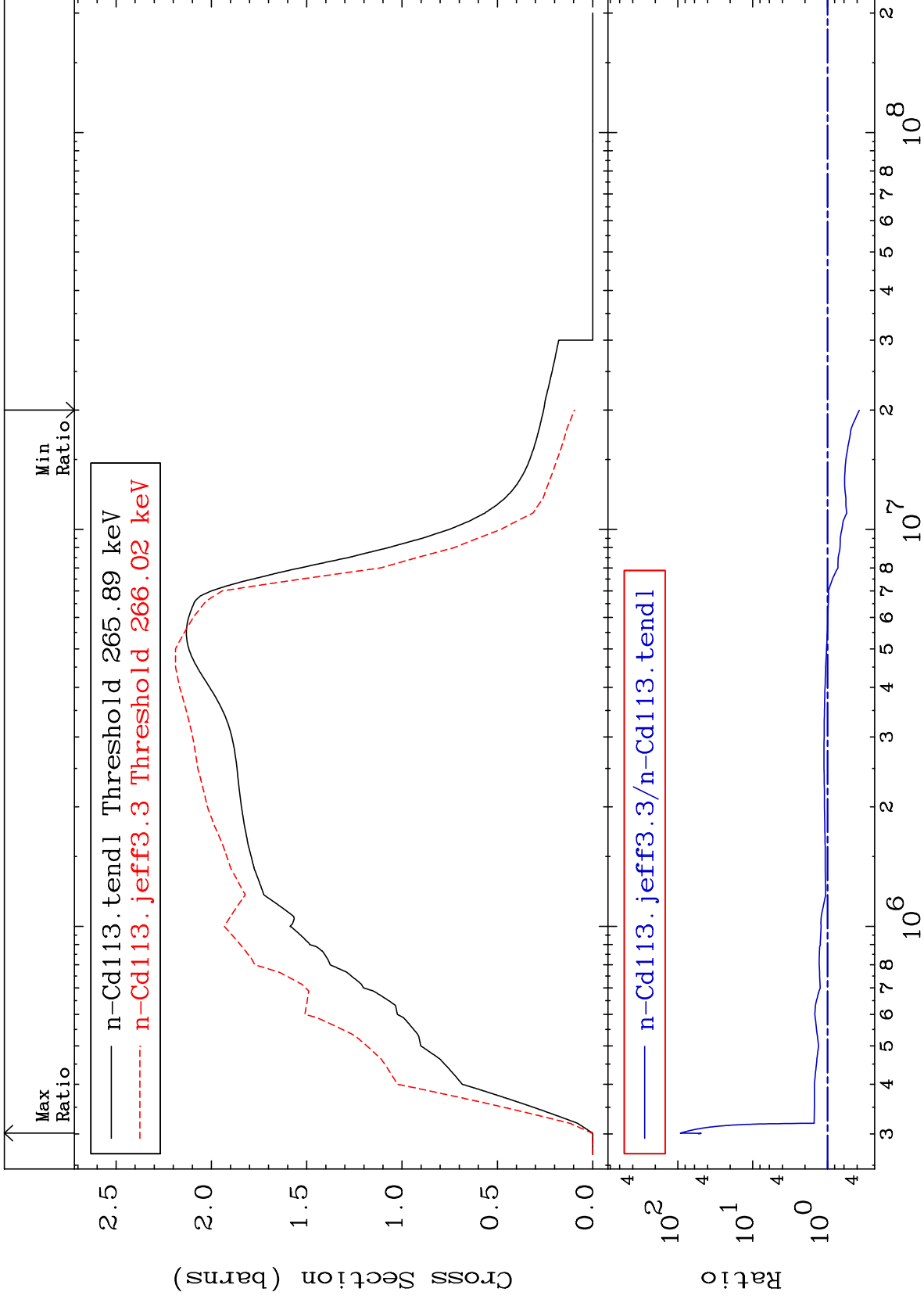
Incident Energy (eV)

48-Cd-113

MAT 4846

Inelastic  
Cross Section

48-Cd-113  
-62.64 To 9160. %



3

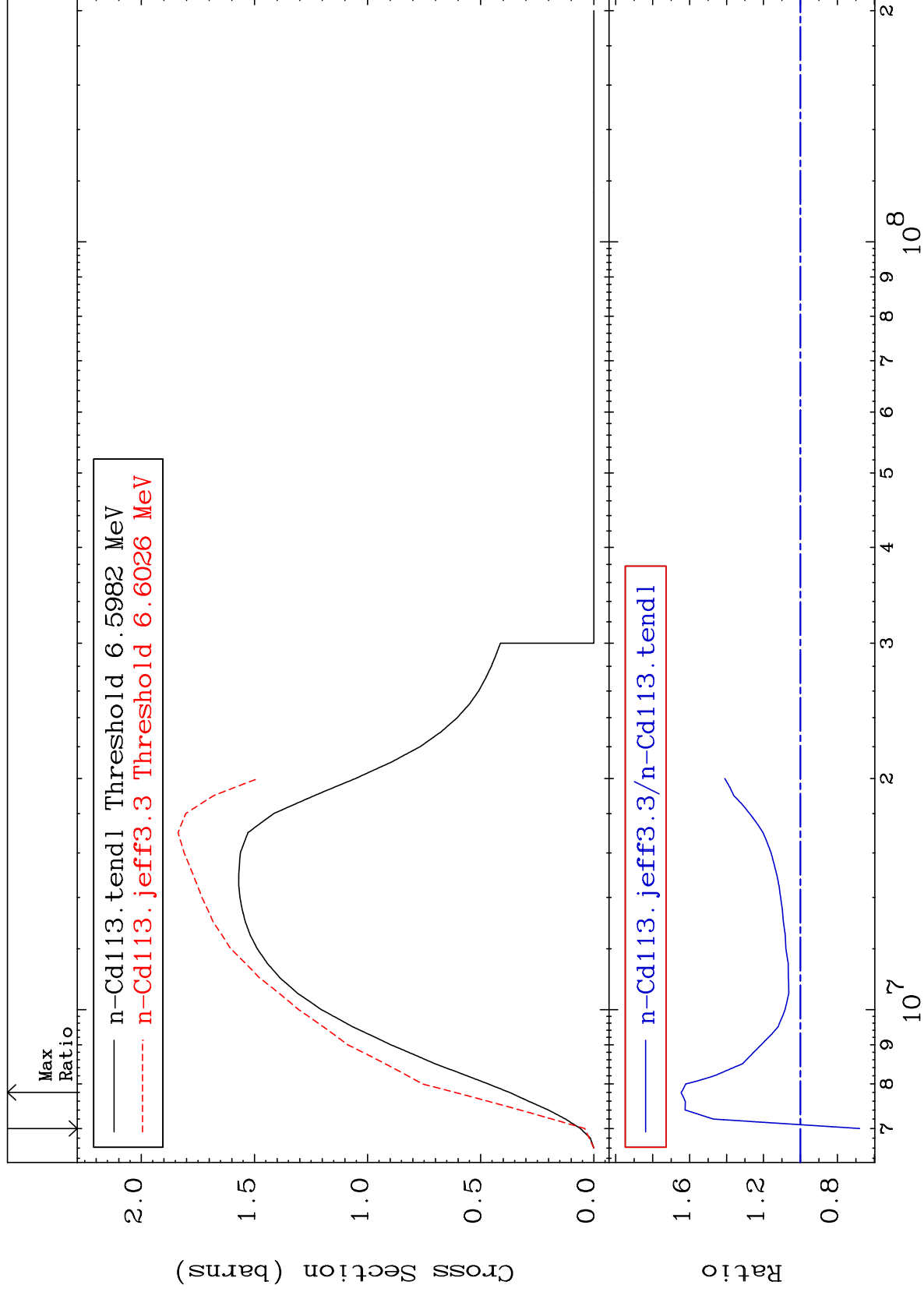
Incident Energy (eV)

48-Cd-113

MAT 4846

(n,2n)  
Cross Section

48-Cd-113  
-32.06 To 64.58 %



4

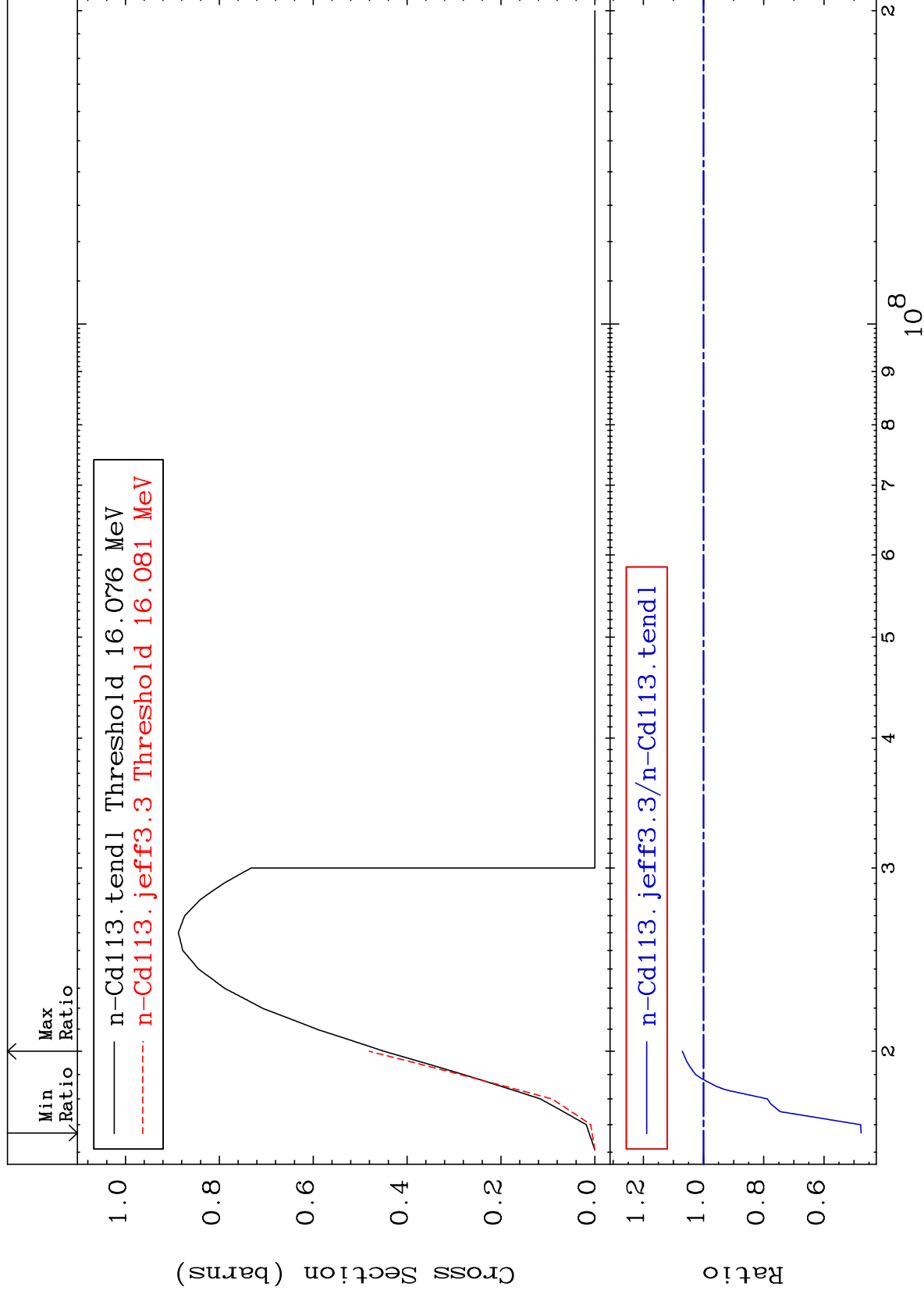
Incident Energy (eV)

48-Cd-113

MAT 4846

(n,3n)  
Cross Section

48-Cd-113  
-52.34 To 7.036 %



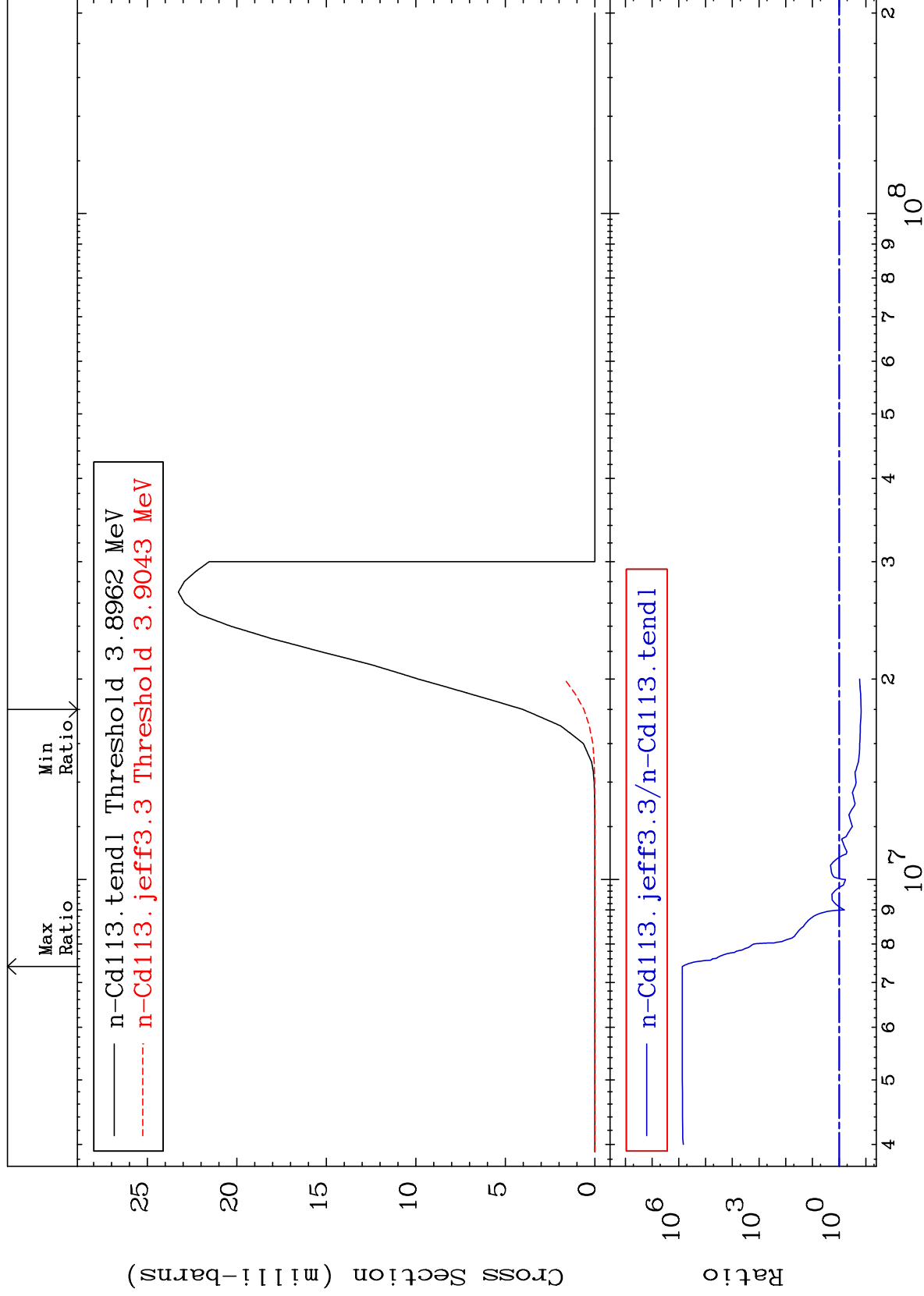
MAT 4846

(n,n')  $\alpha$

48-Cd-113

Cross Section

-84.84 To 9999. %



6

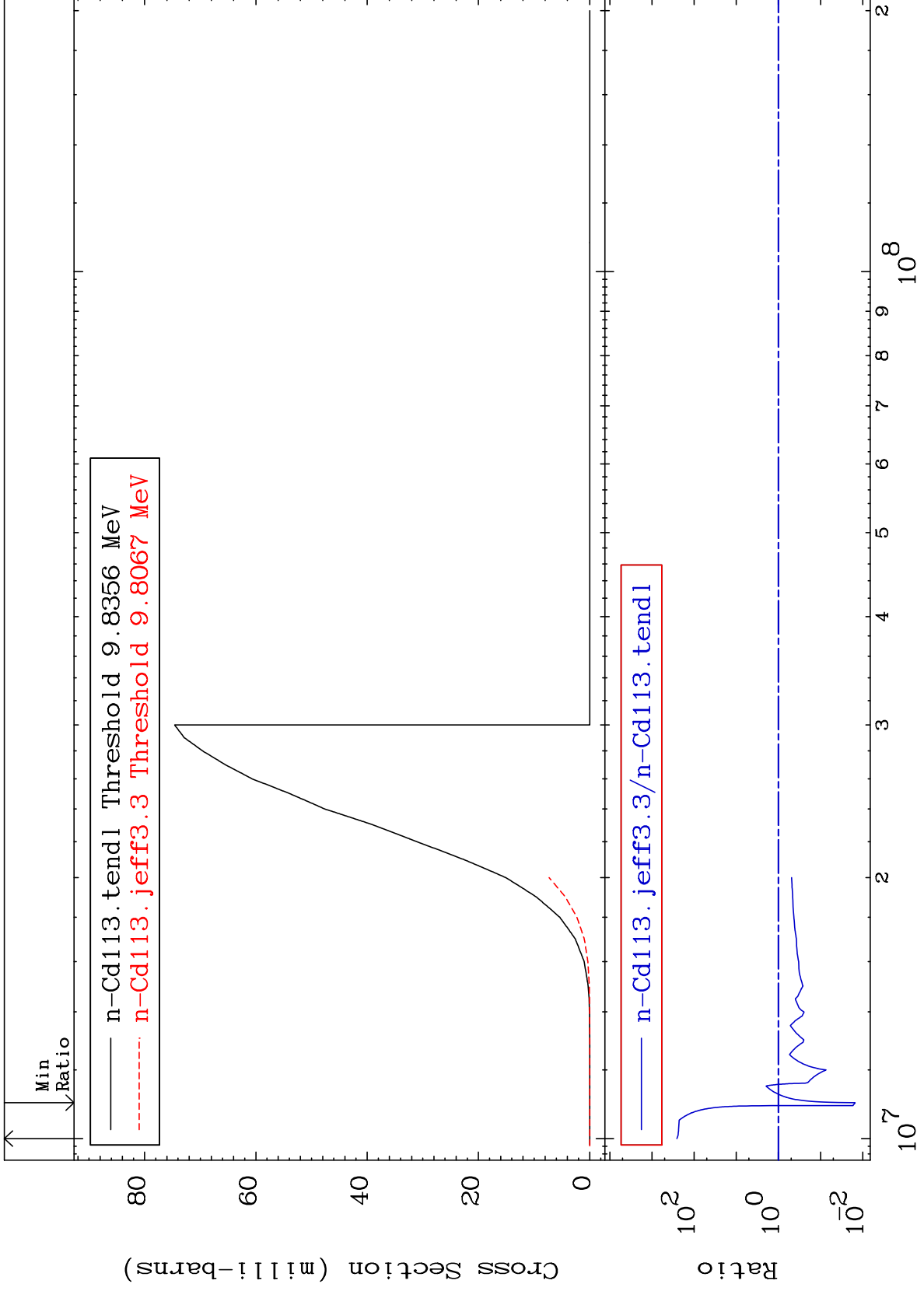
Incident Energy (eV)

48-Cd-113

MAT 4846

(n,n') p  
Cross Section

48-Cd-113  
-98.49 To 9999. %



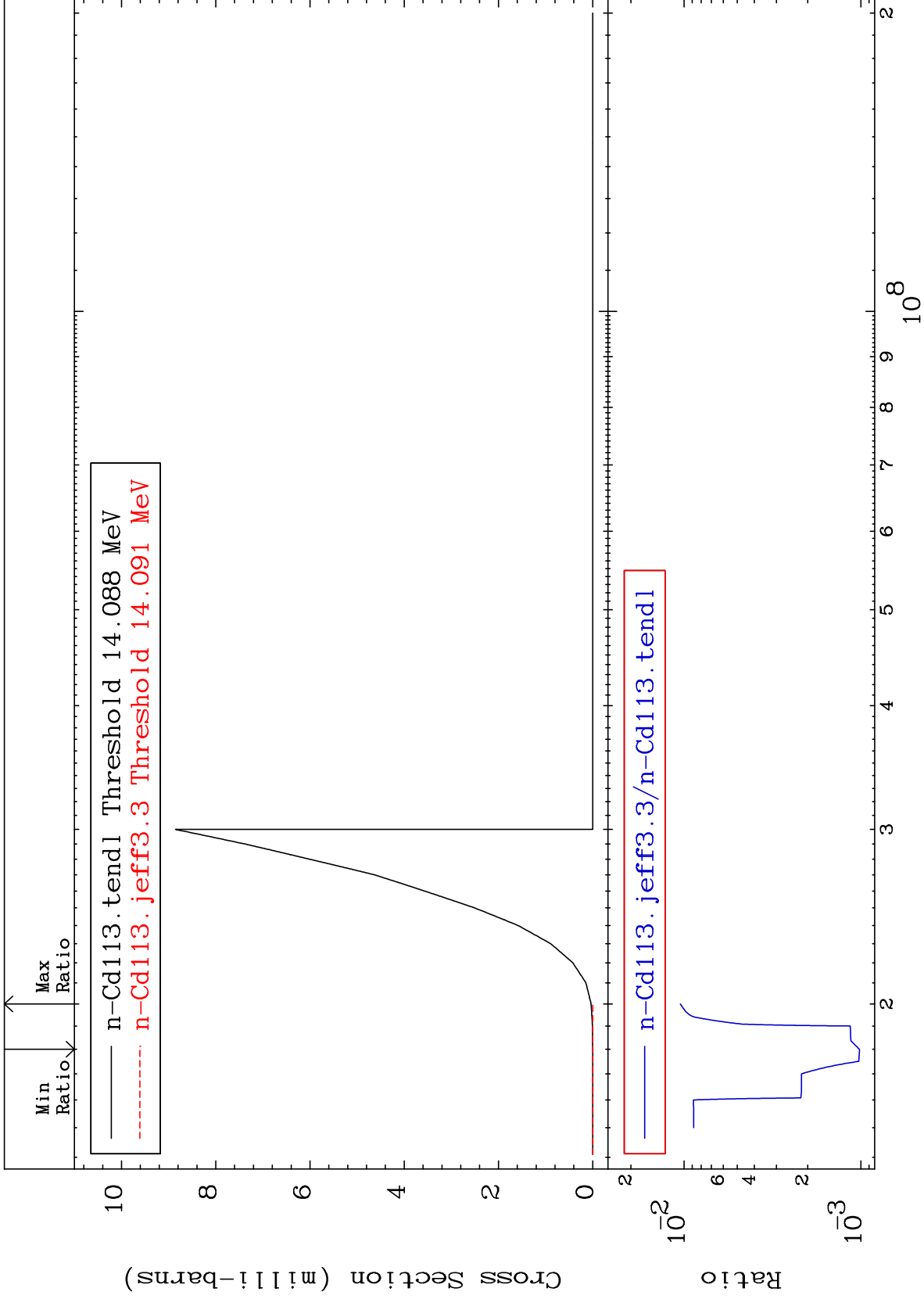
48-Cd-113

7

MAT 4846

(n,n') d  
Cross Section

48-Cd-113  
-99.90 To -98.95%

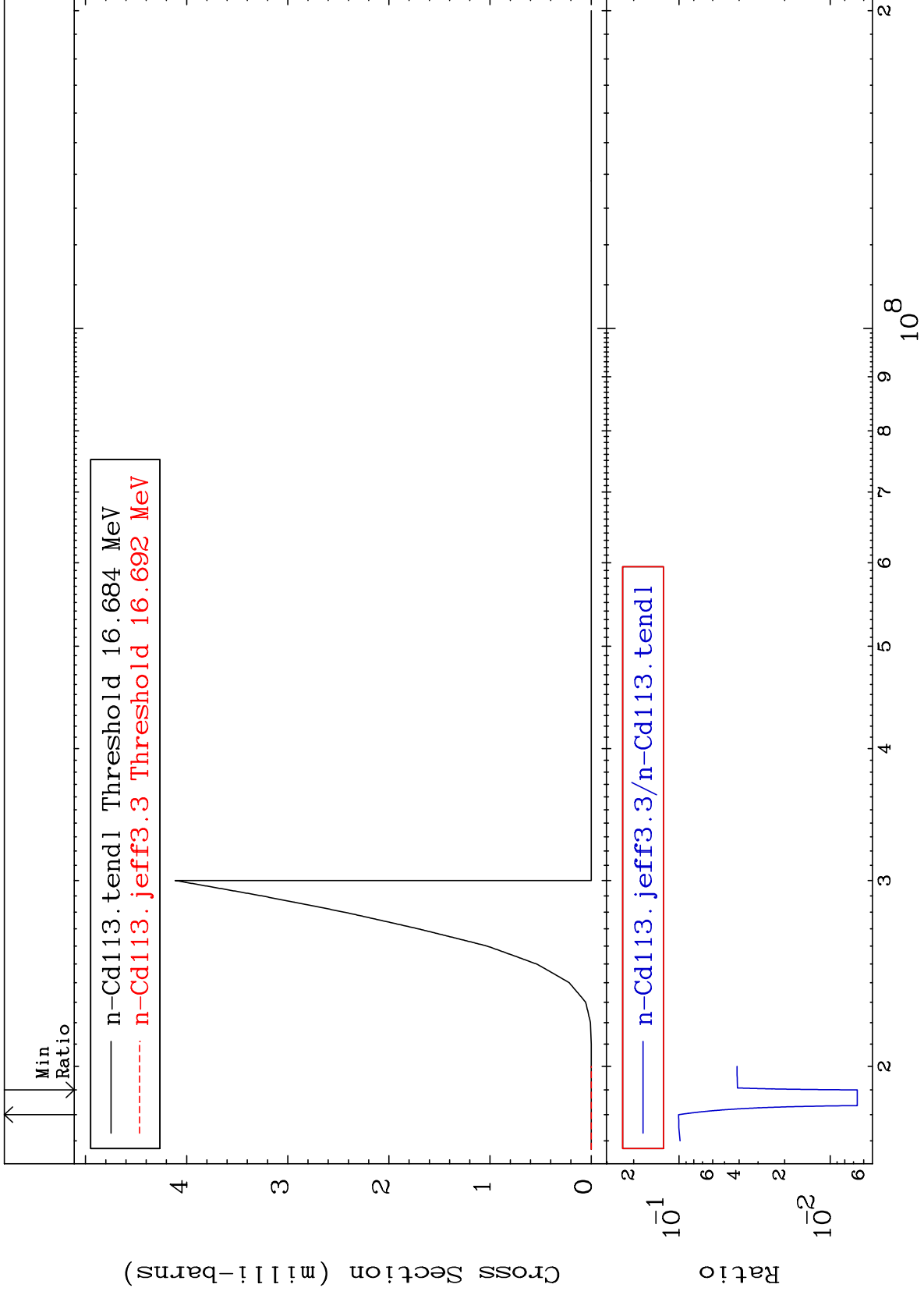




MAT 4846

(n,n') t  
Cross Section

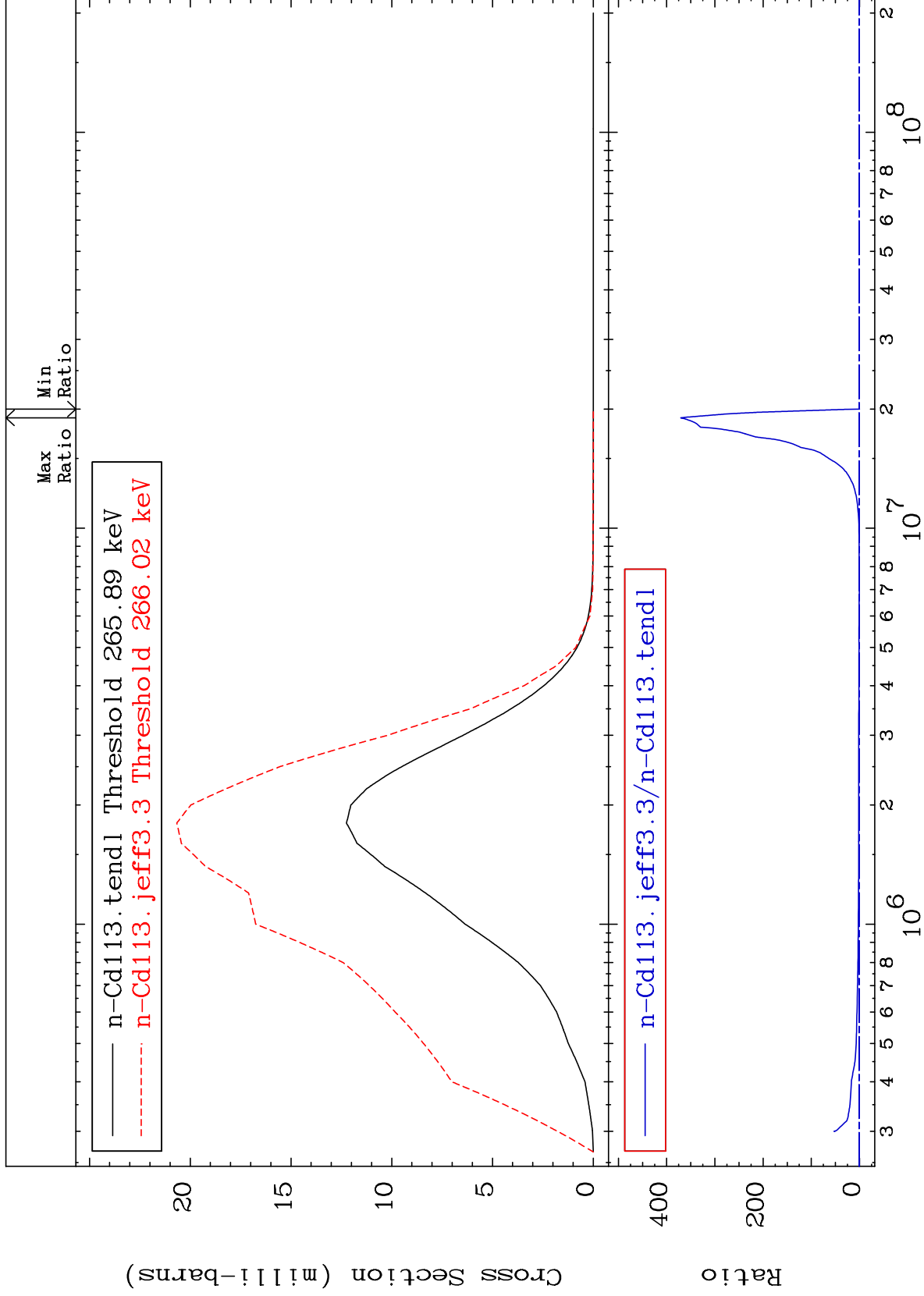
48-Cd-113  
-99.34 To -89.93%



MAT 4846

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

48-Cd-113  
-100.0 To 9999. %



10

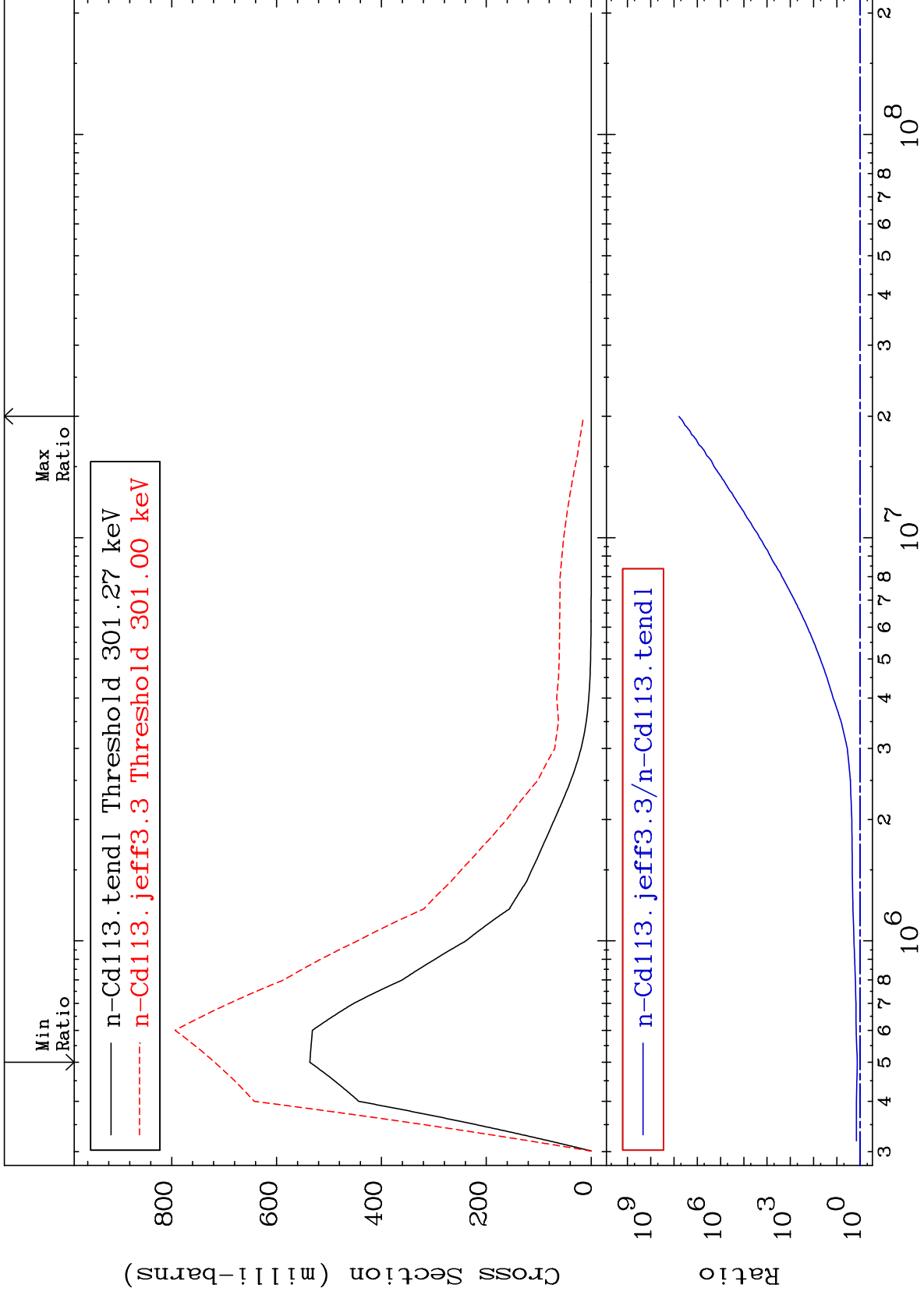
Incident Energy (eV)

48-Cd-113

MAT 4846

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

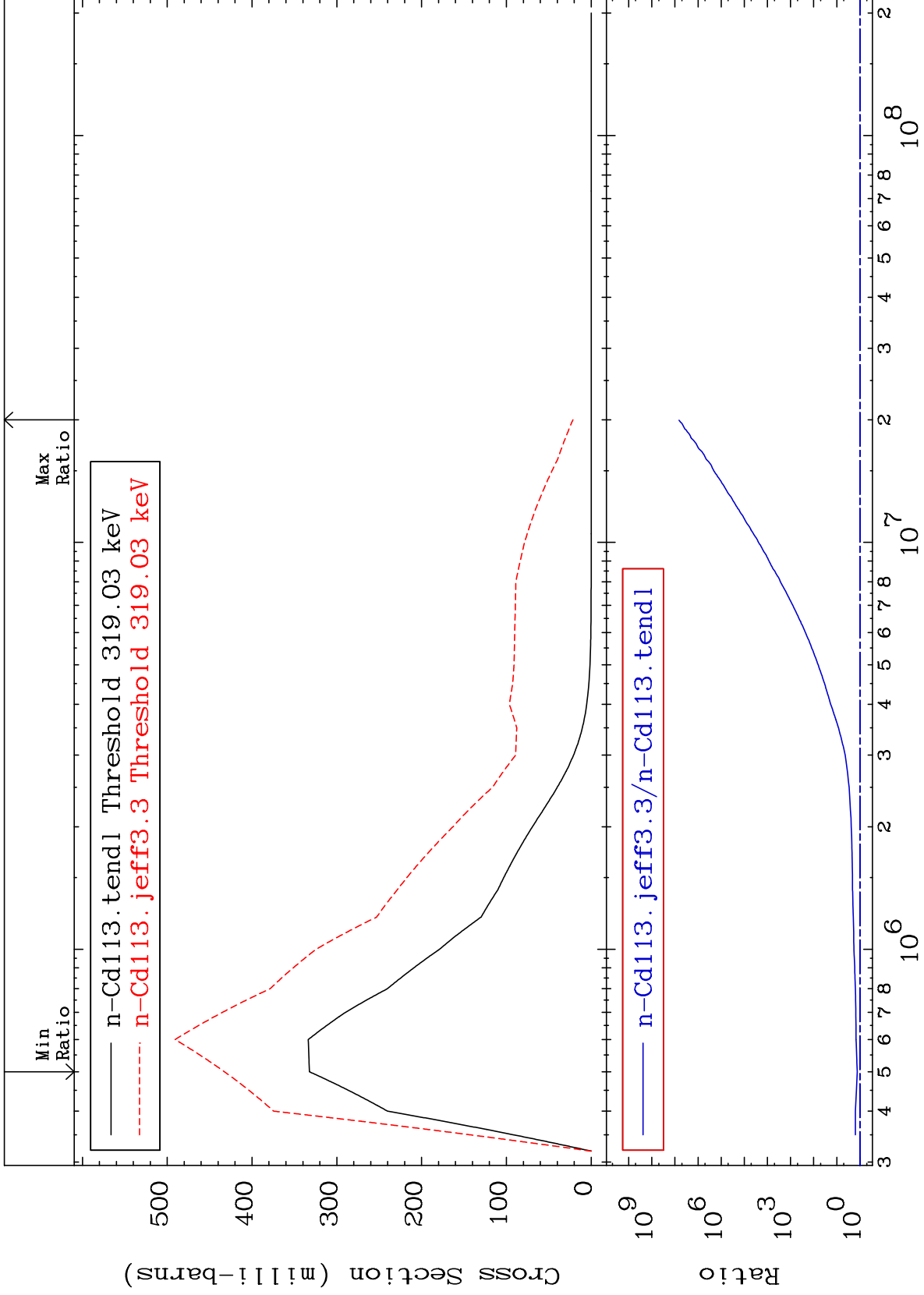
48-Cd-113  
33.83 To 9999. %



MAT 4846

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

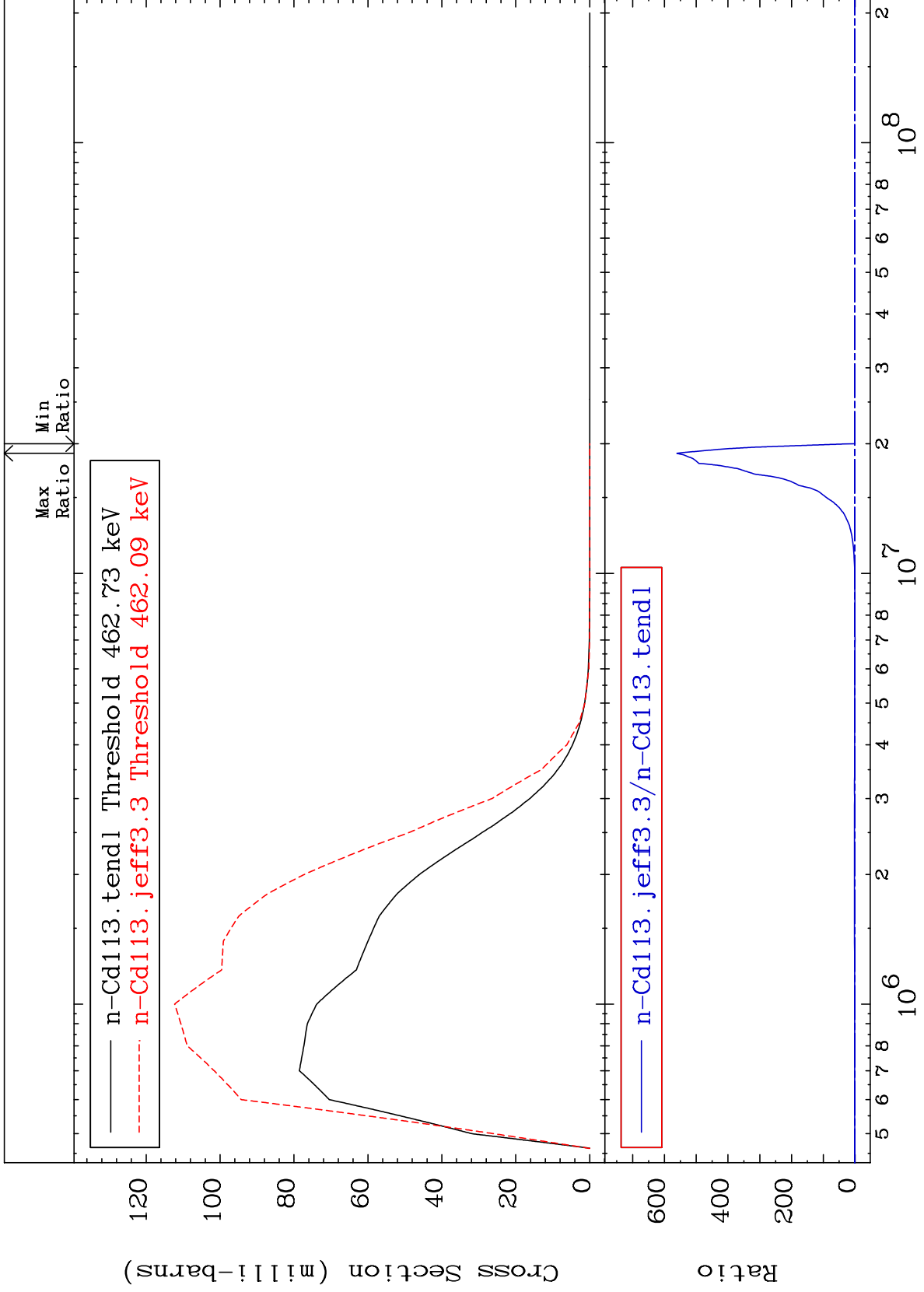
48-Cd-113  
30.17 To 9999. %



MAT 4846

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

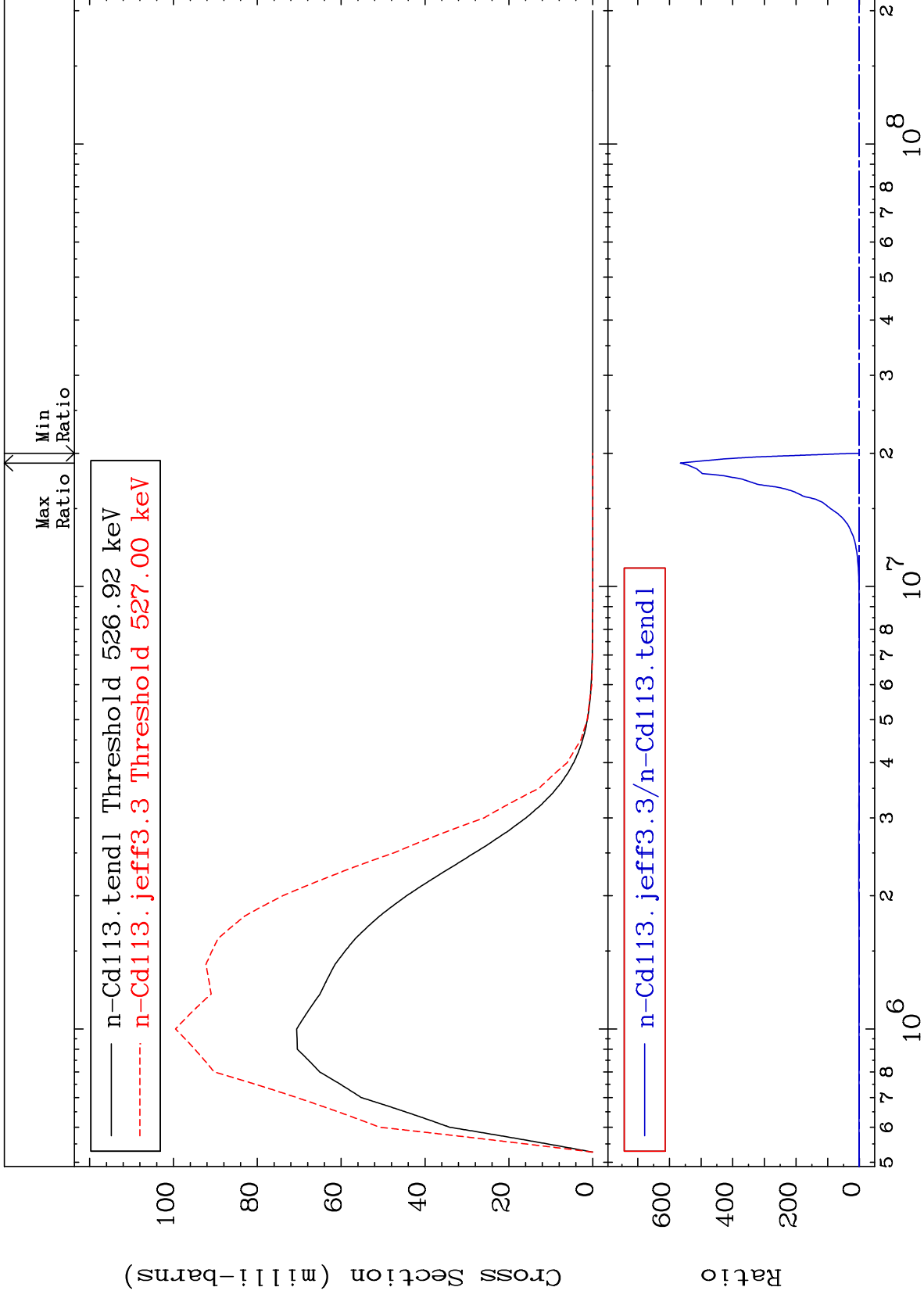
48-Cd-113  
-100.0 To 9999. %



MAT 4846

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

48-Cd-113  
-100.0 To 9999. %



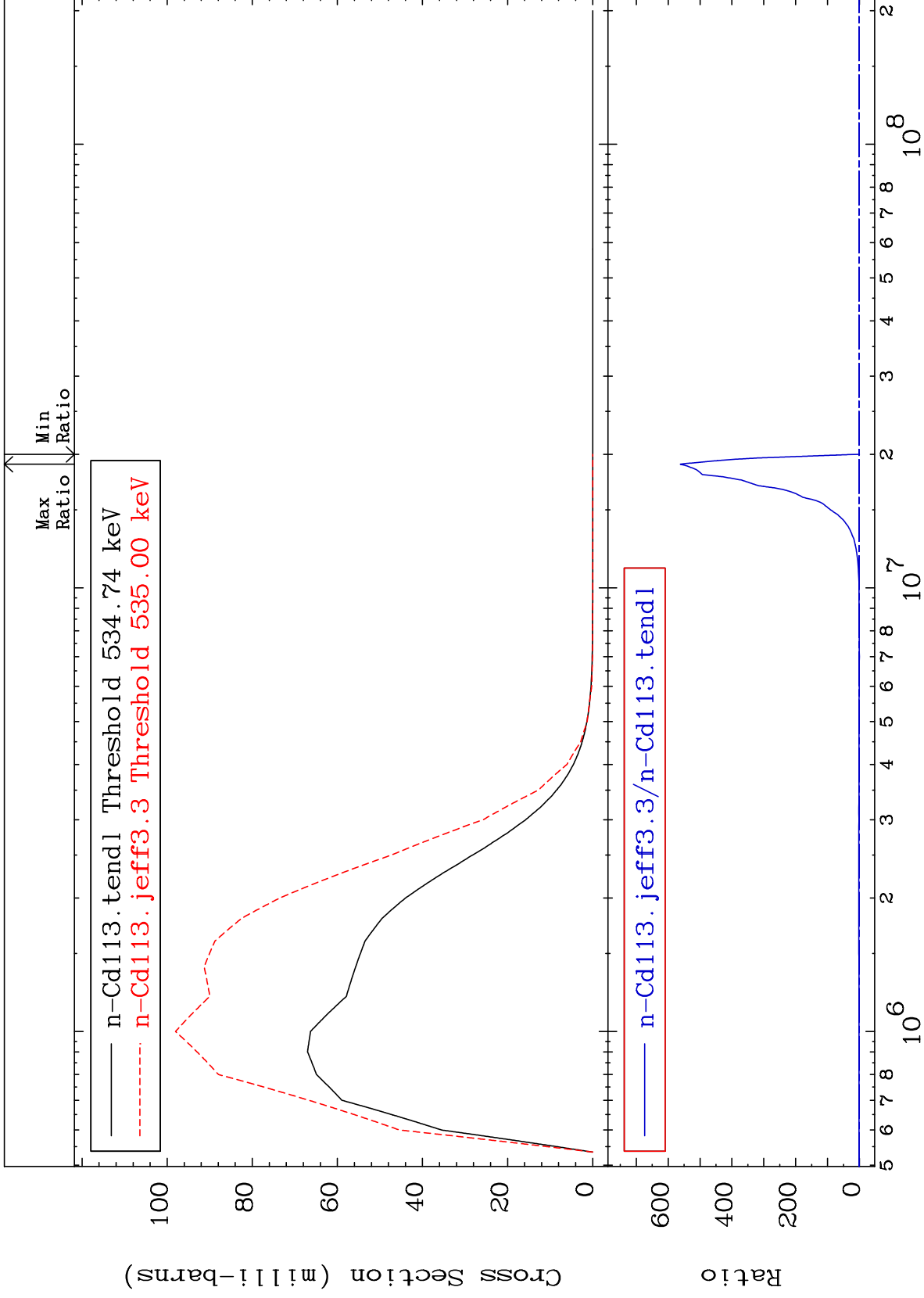
14

48-Cd-113

MAT 4846

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

48-Cd-113  
-100.0 To 9999. %



15

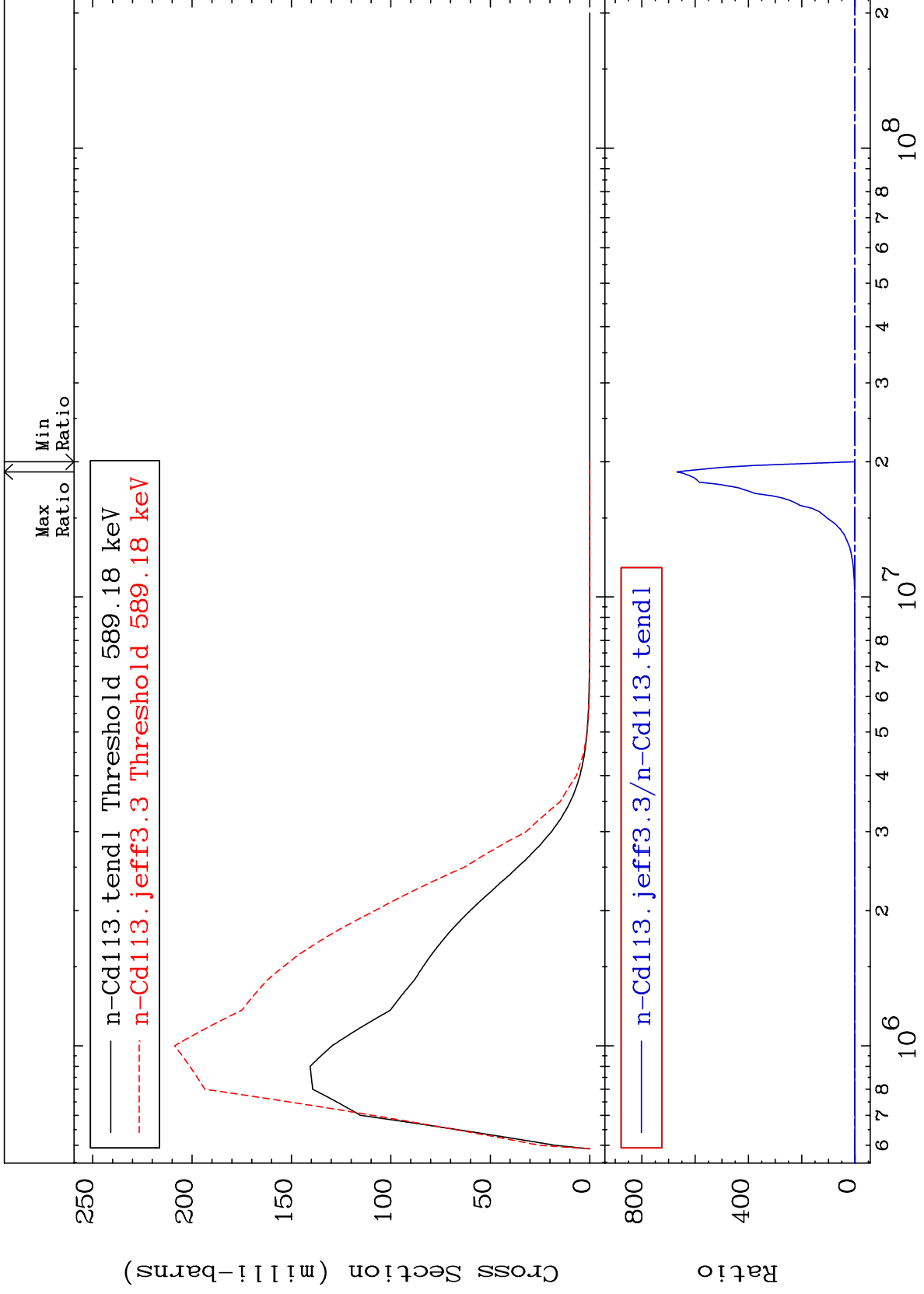
48-Cd-113

48-Cd-113

MAT 4846

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

48-Cd-113  
-100.0 To 9999. %



16

Incident Energy (eV)

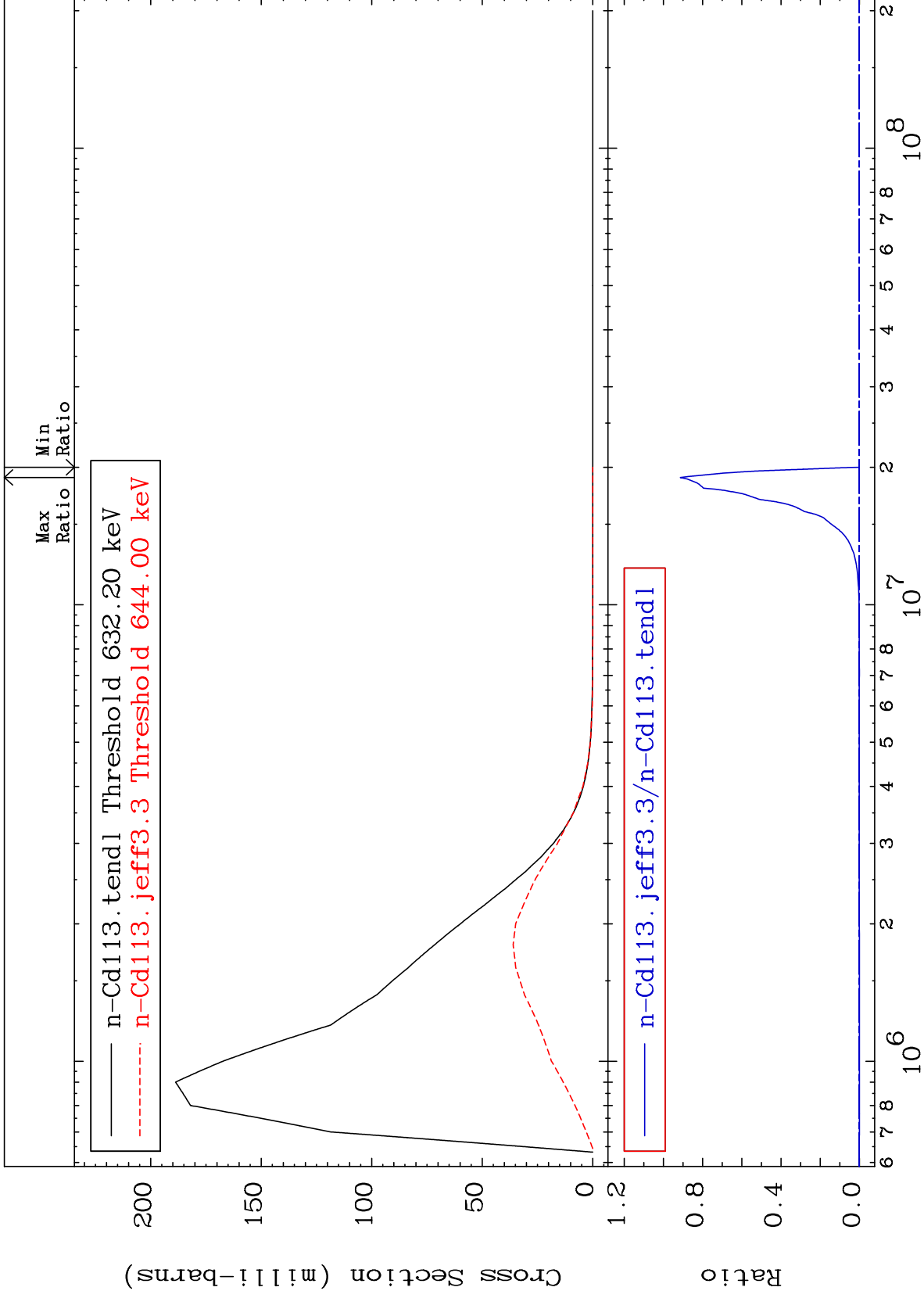
48-Cd-113



MAT 4846

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

48-Cd-113  
-100.0 To 9999. %



17

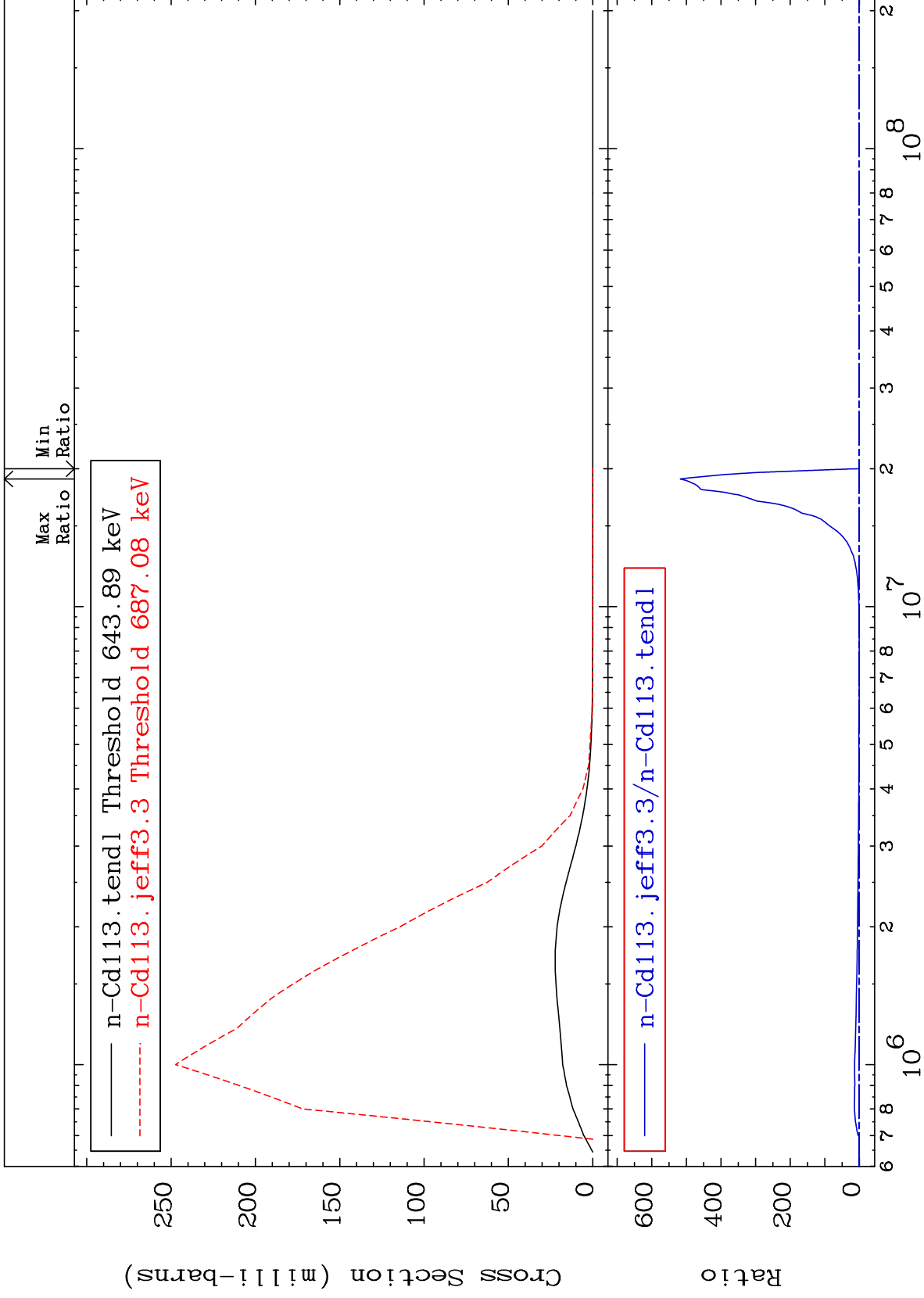
Incident Energy (eV)

48-Cd-113

MAT 4846

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

48-Cd-113  
-100.0 To 9999. %



18

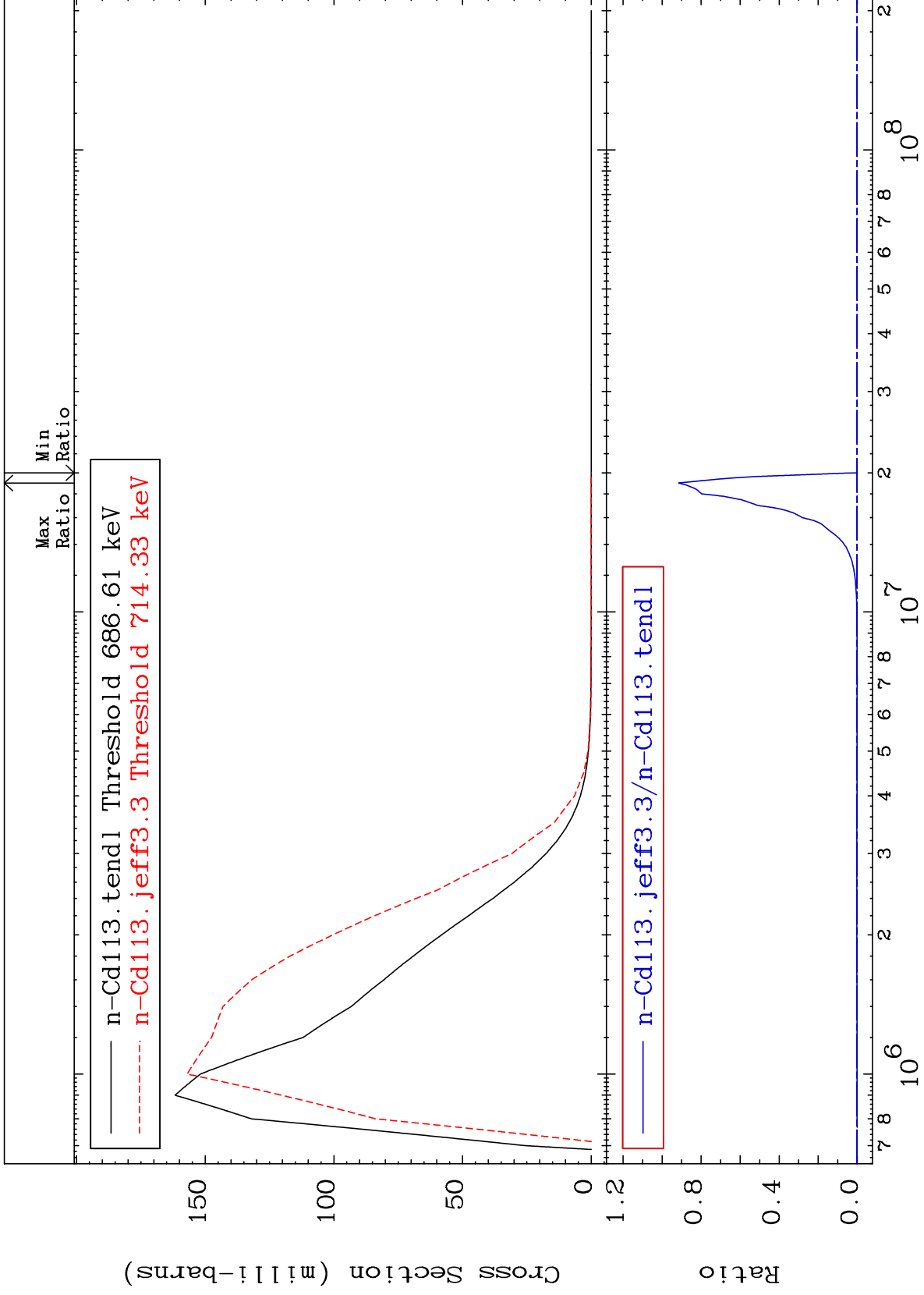
Incident Energy (eV)

48-Cd-113

MAT 4846

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

48-Cd-113  
-100.0 To 9999. %



19

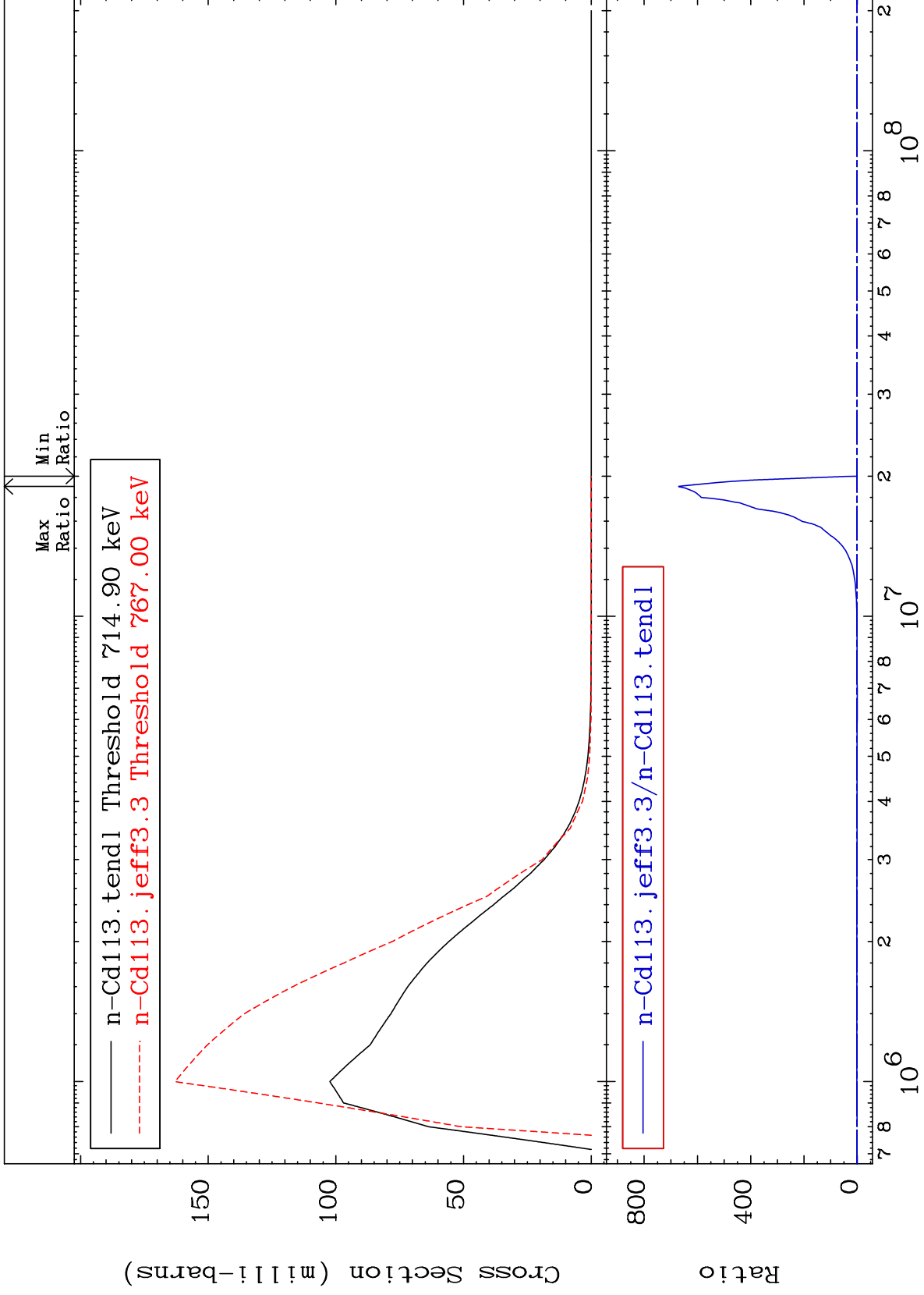
Incident Energy (eV)

48-Cd-113

MAT 4846

MT= 61 (n,n') Level  
Cross Section

48-Cd-113  
-100.0 To 9999. %



20

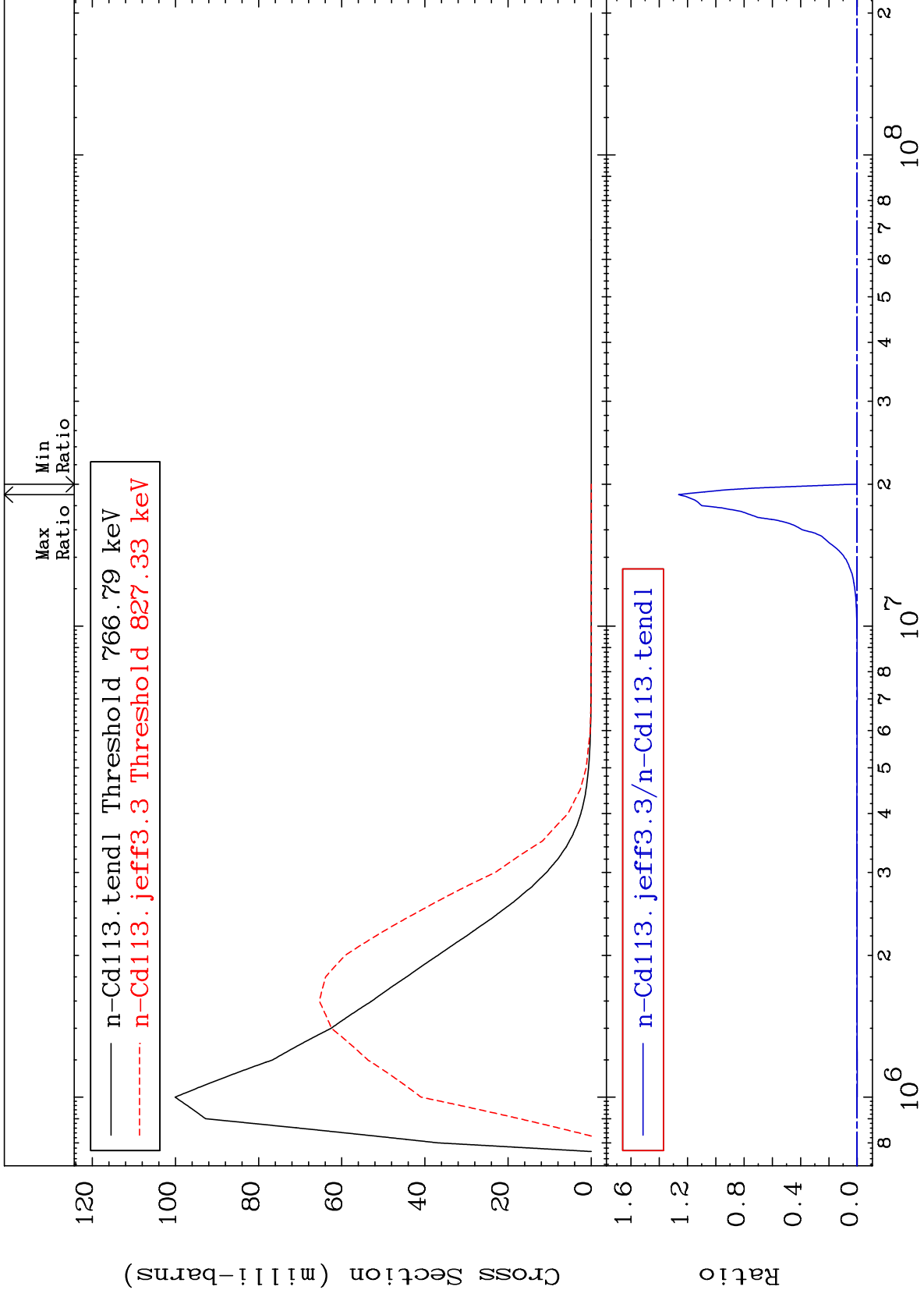
48-Cd-113

48-Cd-113

MAT 4846

MT= 62 (n,n') Level  
Cross Section

48-Cd-113  
-100.0 To 9999. %



21

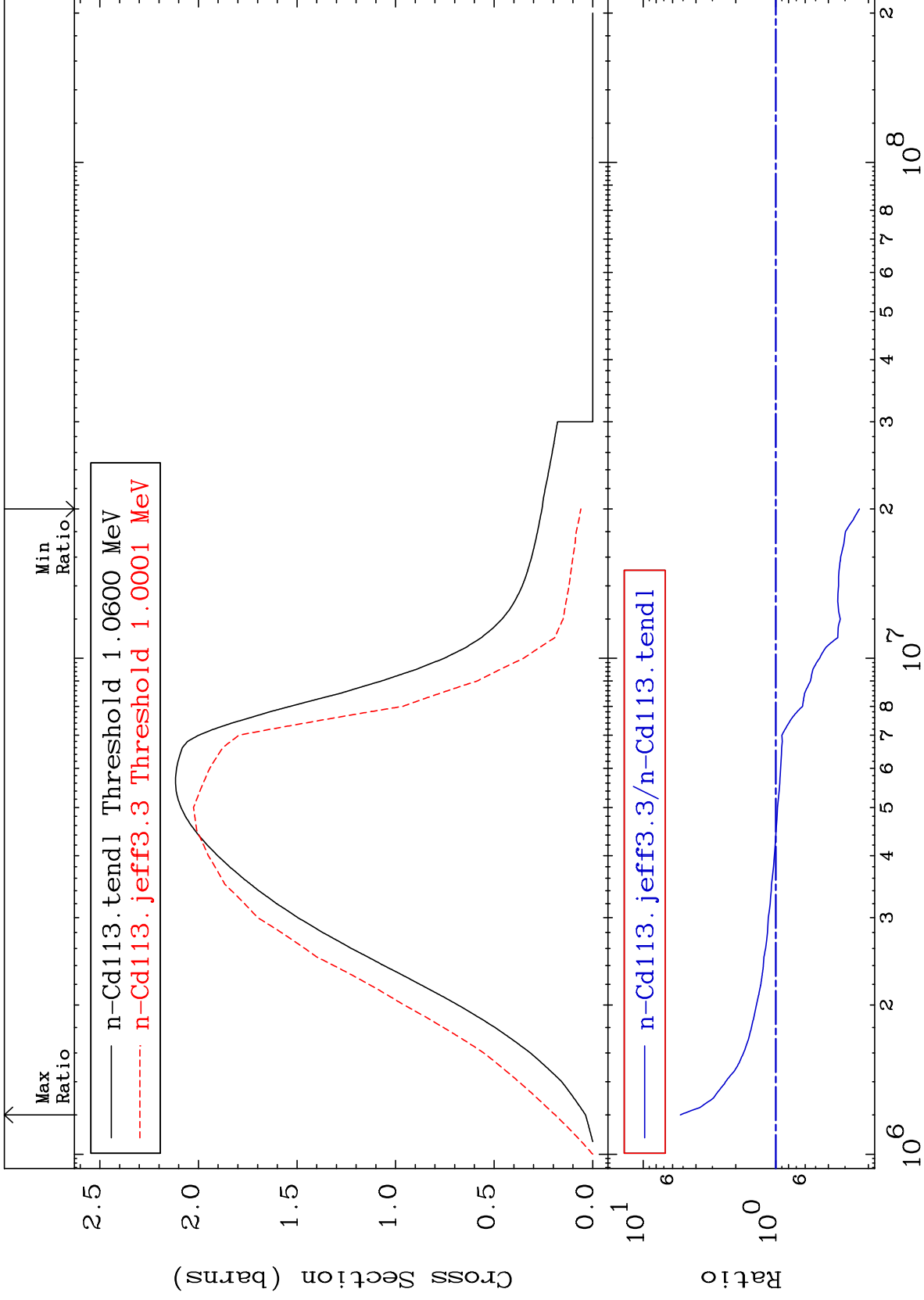
Incident Energy (eV)

48-Cd-113

MAT 4846

(n, n') Continuum  
Cross Section

48-Cd-113  
-76.65 To 424.6 %



22

Incident Energy (eV)

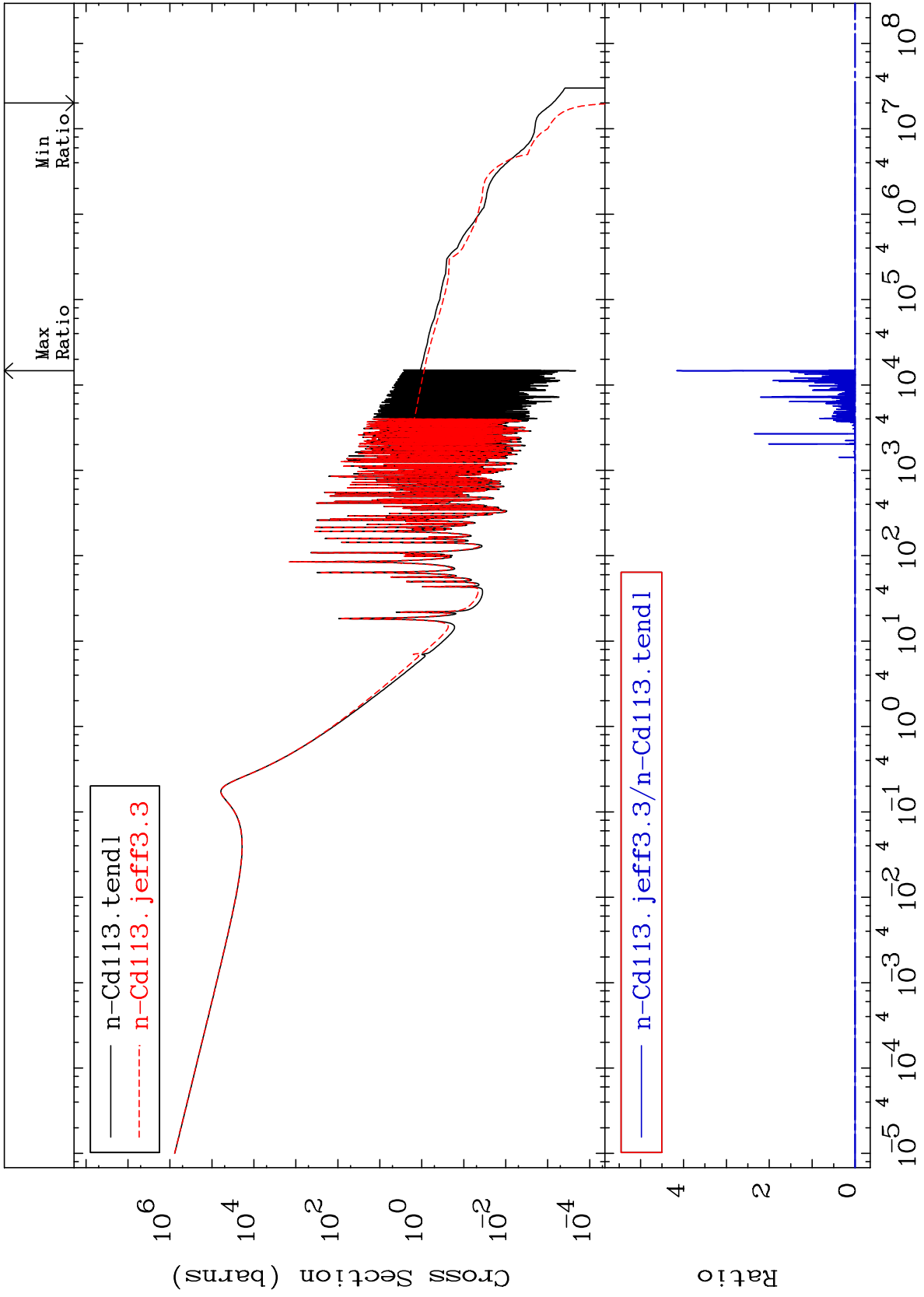
48-Cd-113

MAT 4846

48-Cd-113

(n,  $\gamma$ )  
Cross Section

-100.0 To 9999. %



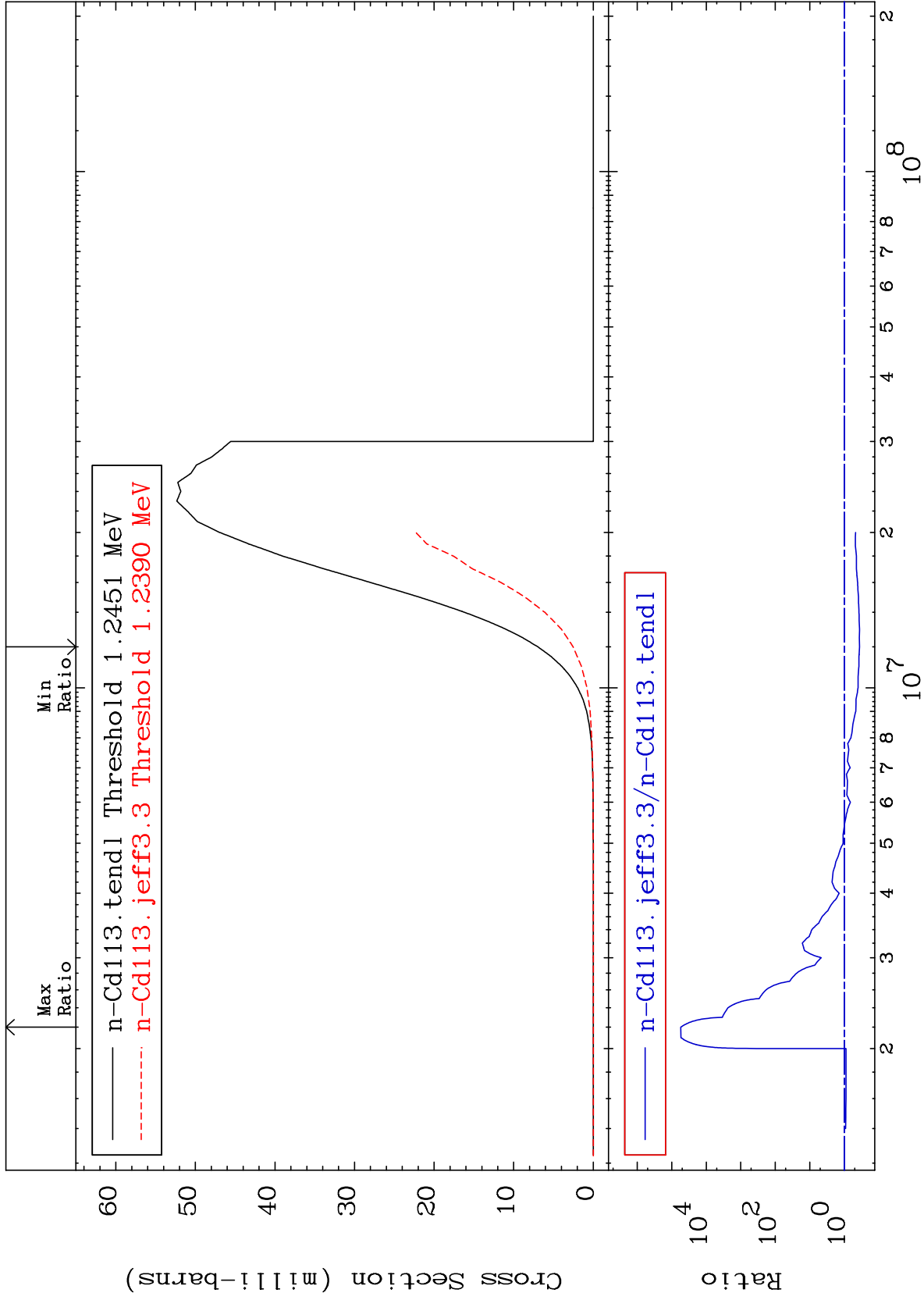
MAT 4846

(n,p)

48-Cd-113

Cross Section

-63.63 To 9999. %





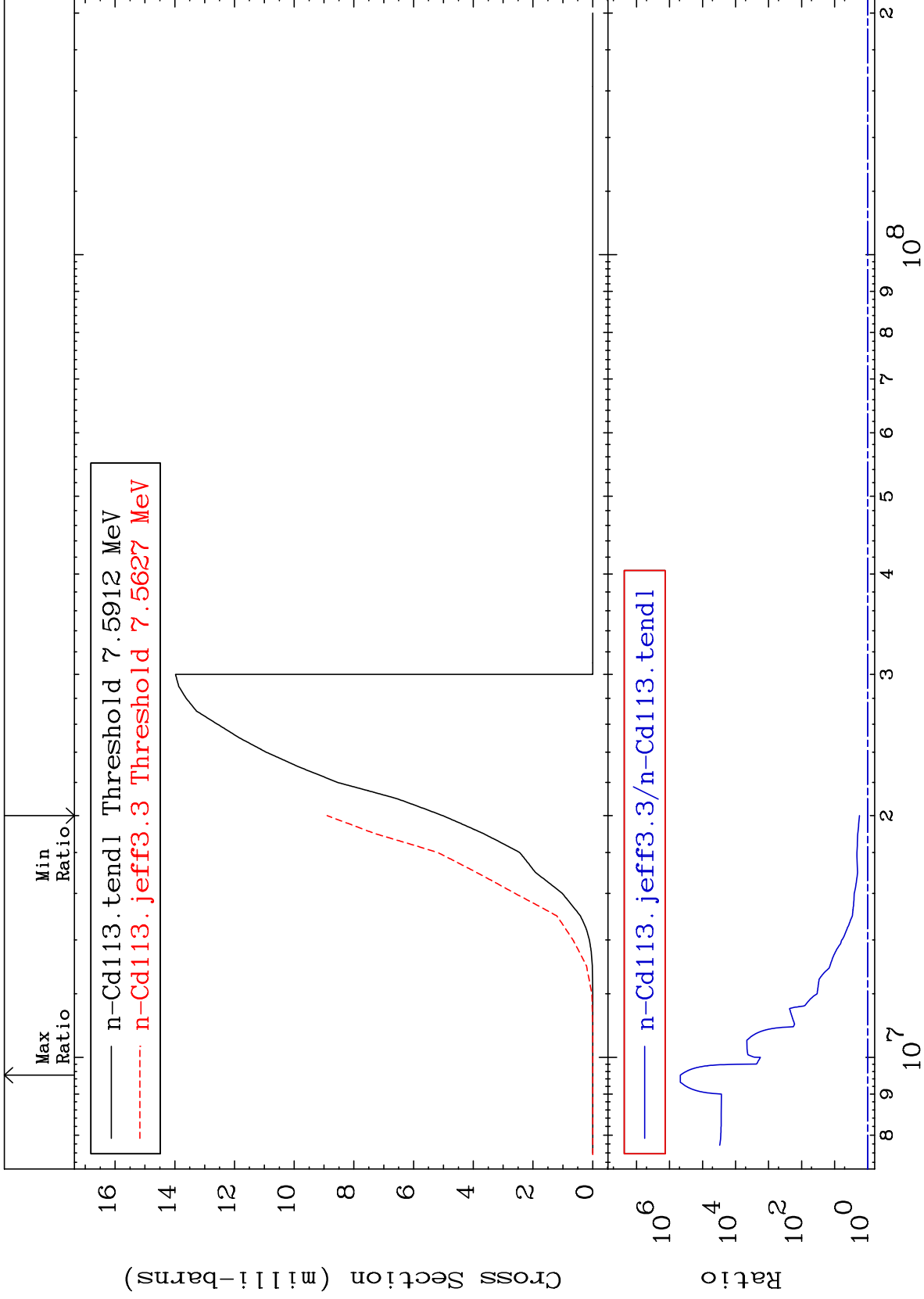
MAT 4846

(n, d)

48-Cd-113

Cross Section

77.33 To 9999. %



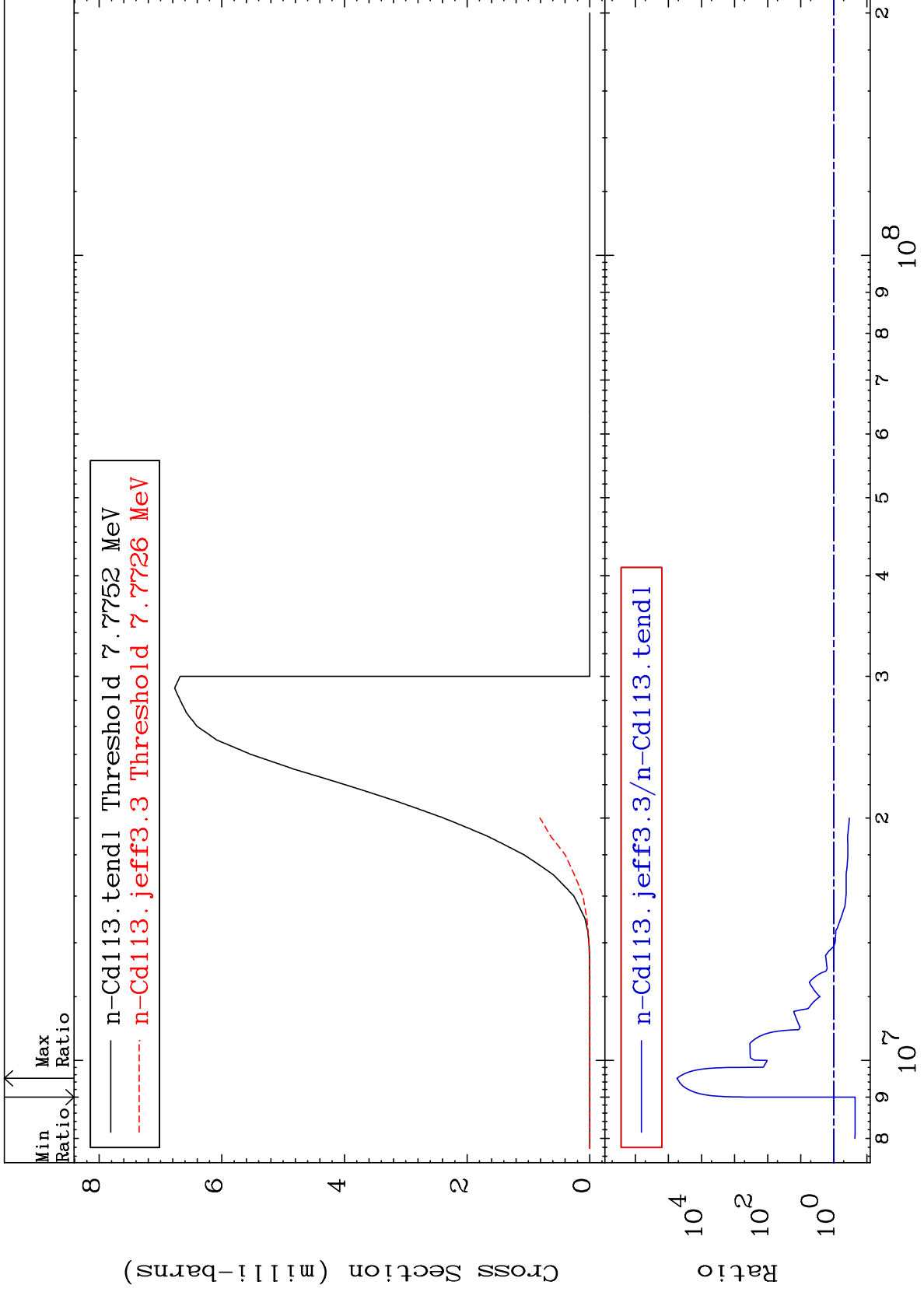
MAT 4846

(n, t)

48-Cd-113

Cross Section

-77.29 To 9999. %



26

Incident Energy (eV)

48-Cd-113

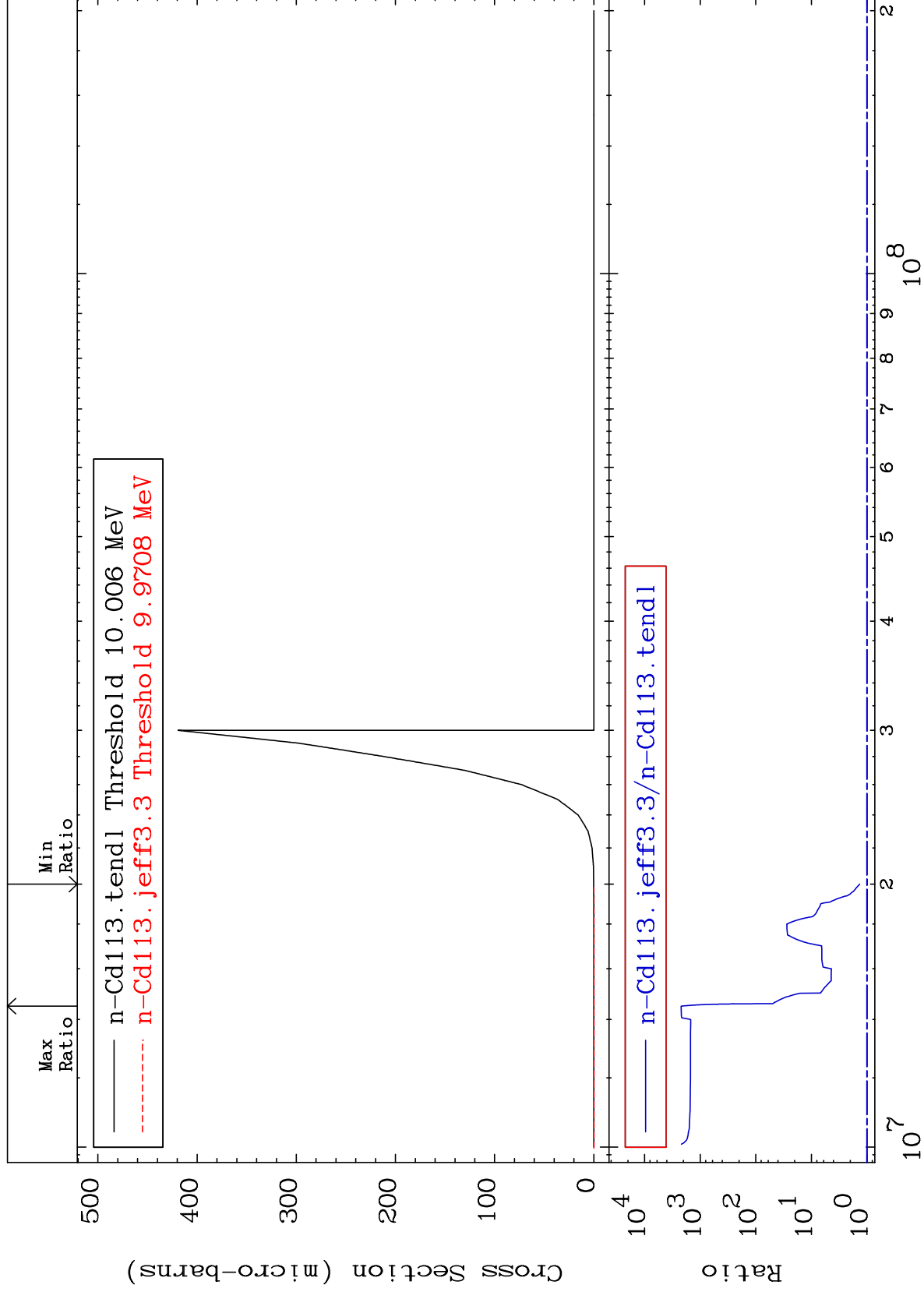
MAT 4846

(n, He-3)

48-Cd-113

Cross Section

35.61 To 9999. %



Incident Energy (eV)

48-Cd-113

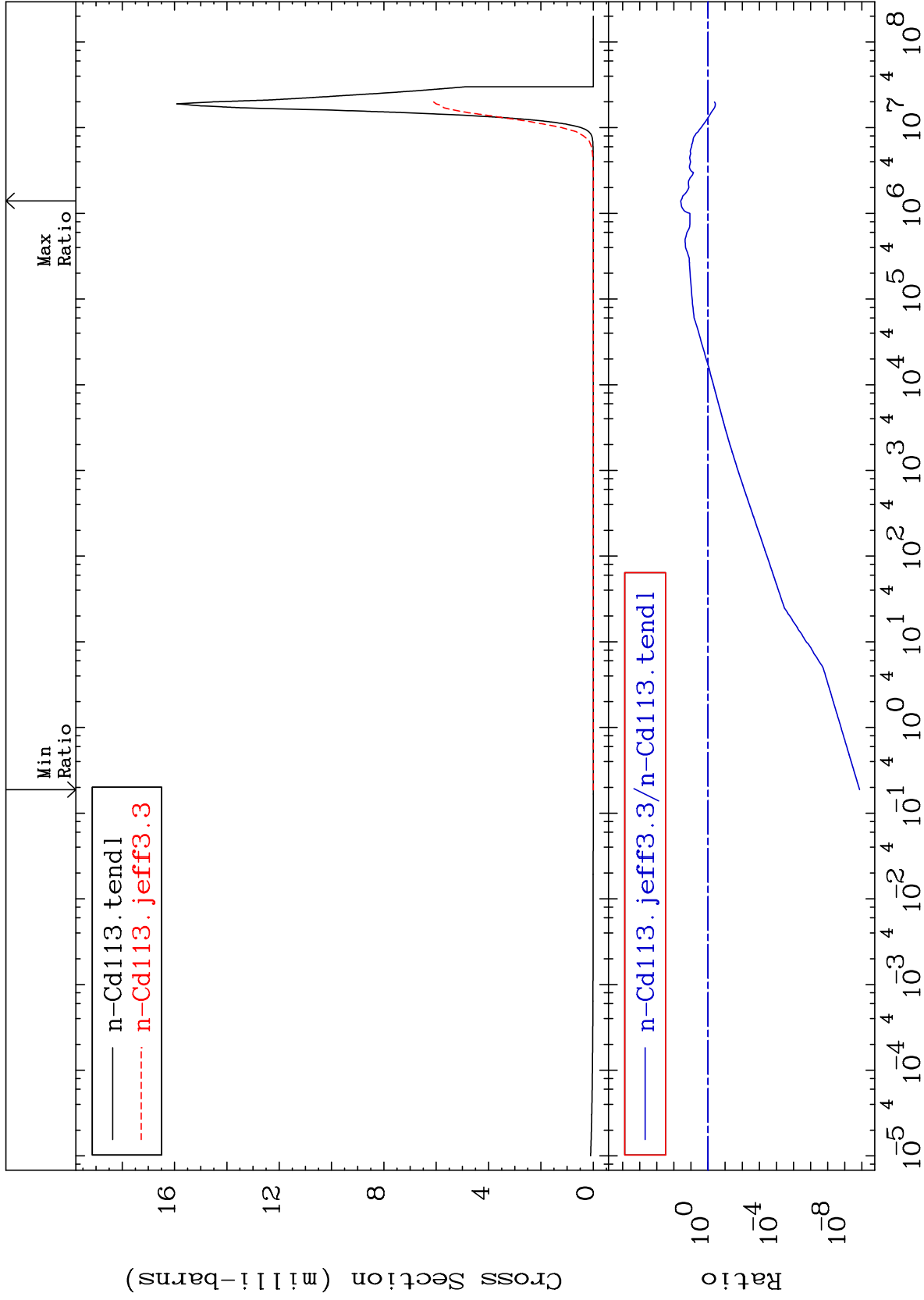
MAT 4846

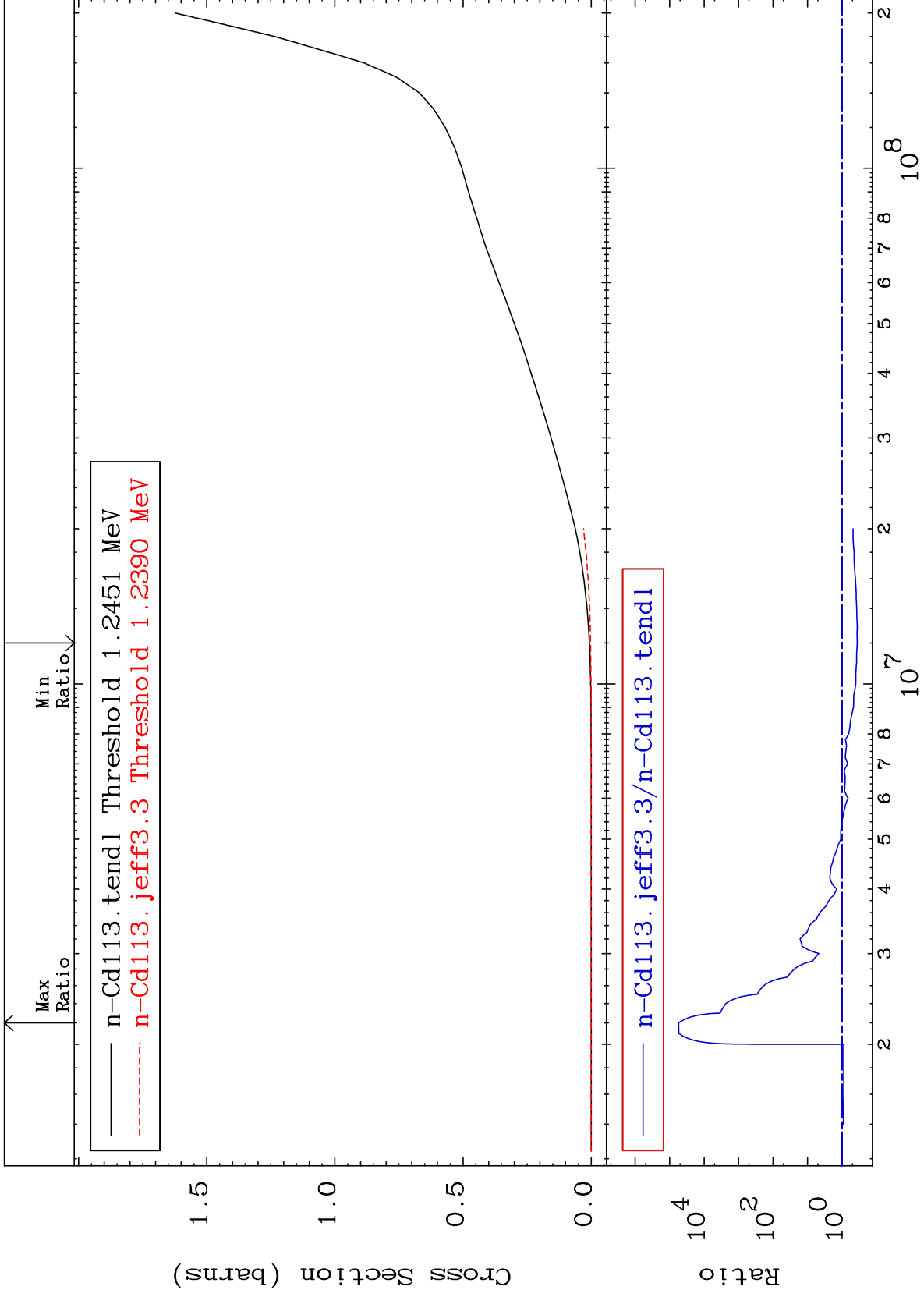
(n,  $\alpha$ )

48-Cd-113

Cross Section

-100.0 To 3861. %

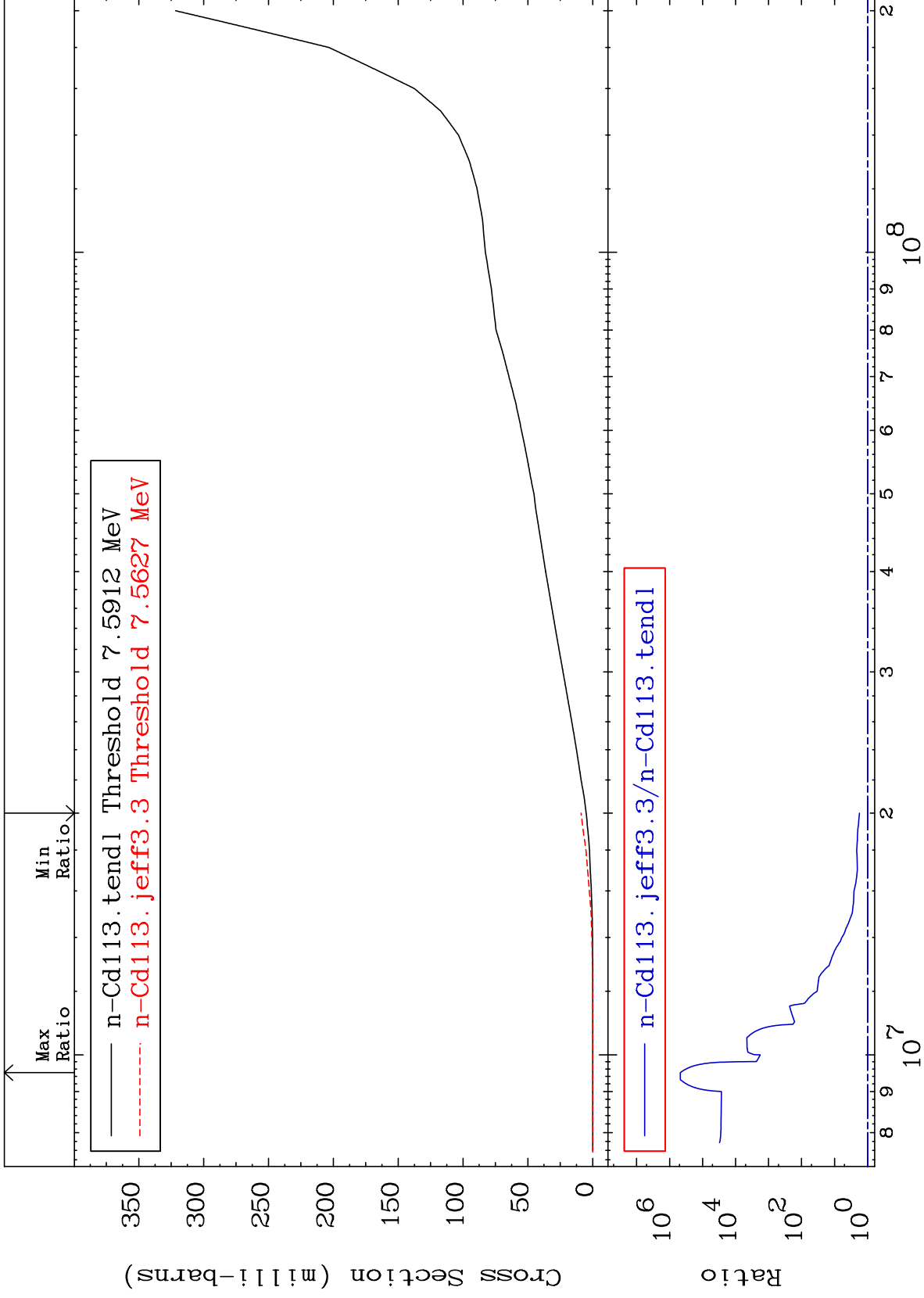




MAT 4846

Deuterium Production  
Cross Section

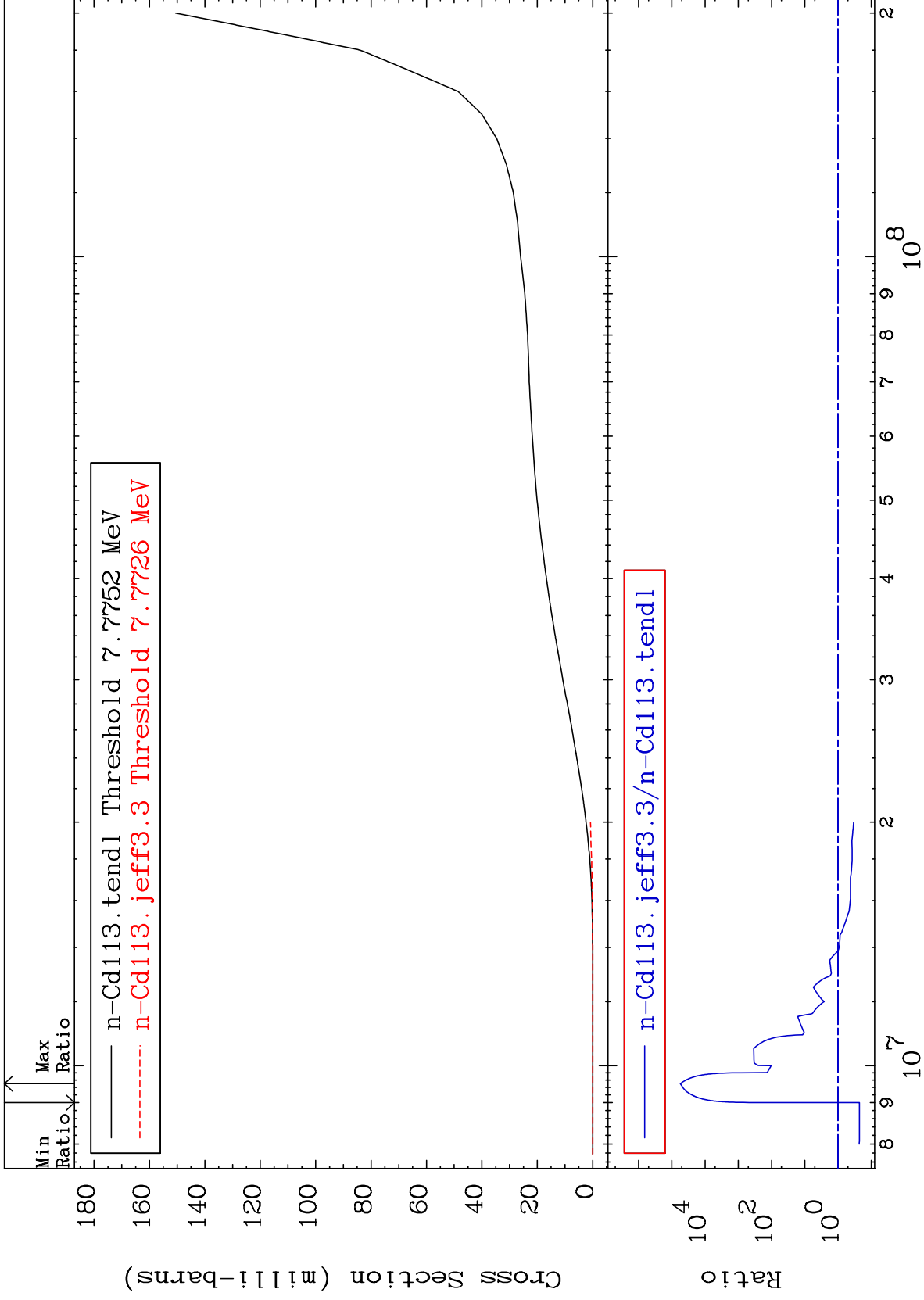
48-Cd-113  
76.17 To 9999. %



30

Incident Energy (eV)

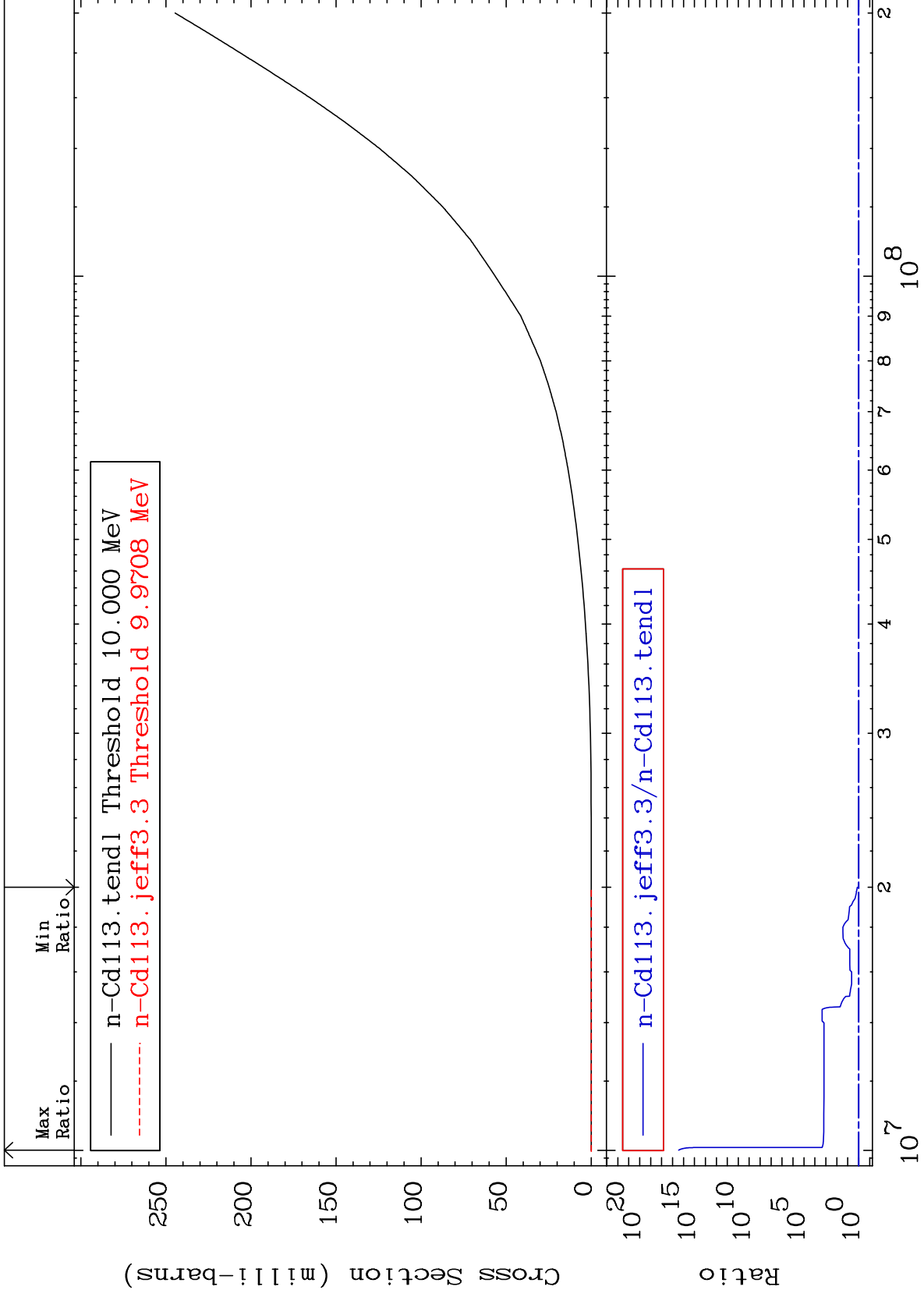
48-Cd-113



MAT 4846

He-3 Production  
Cross Section

48-Cd-113  
35.61 To 9999. %



32

Incident Energy (eV)

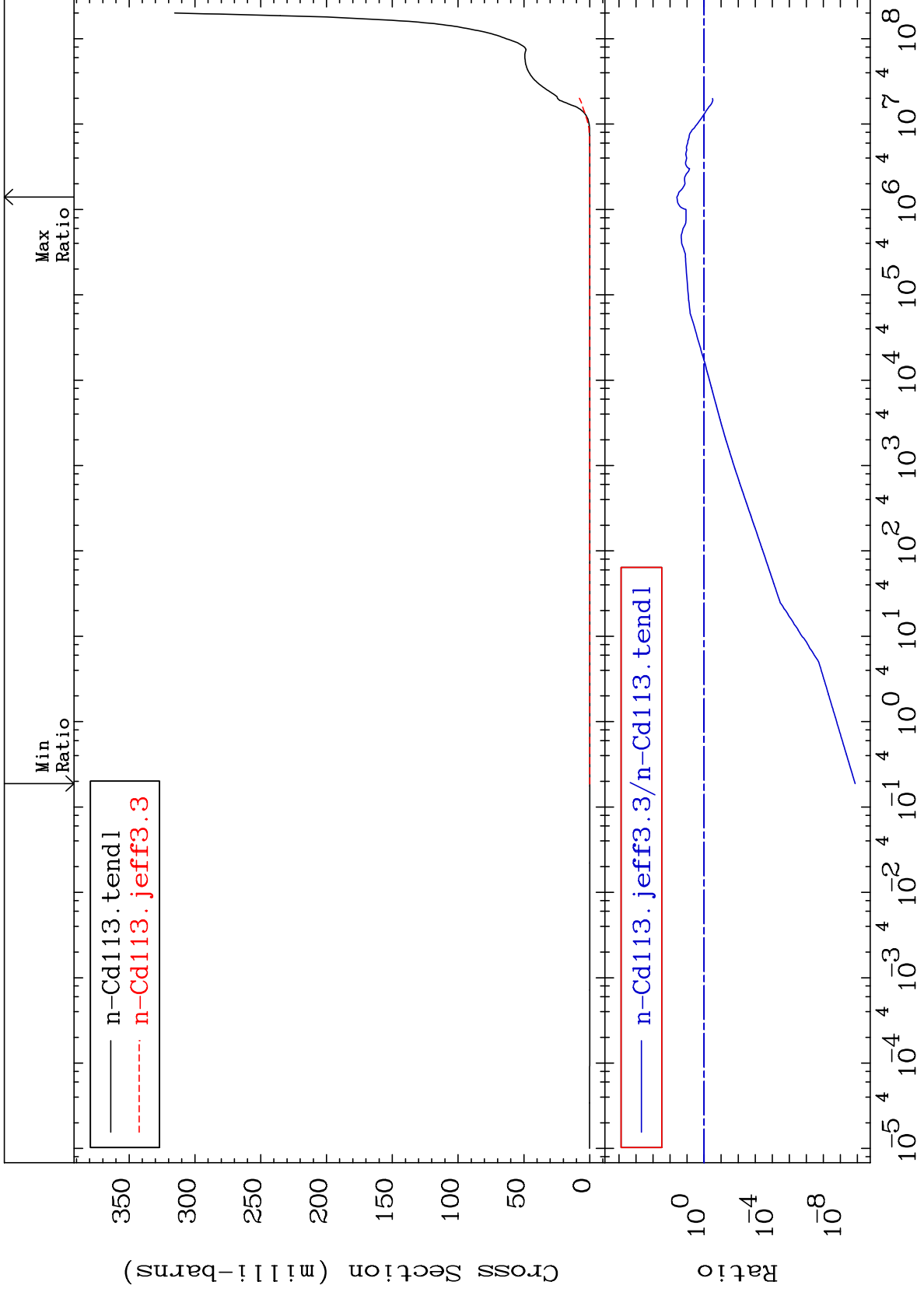
48-Cd-113



MAT 4846

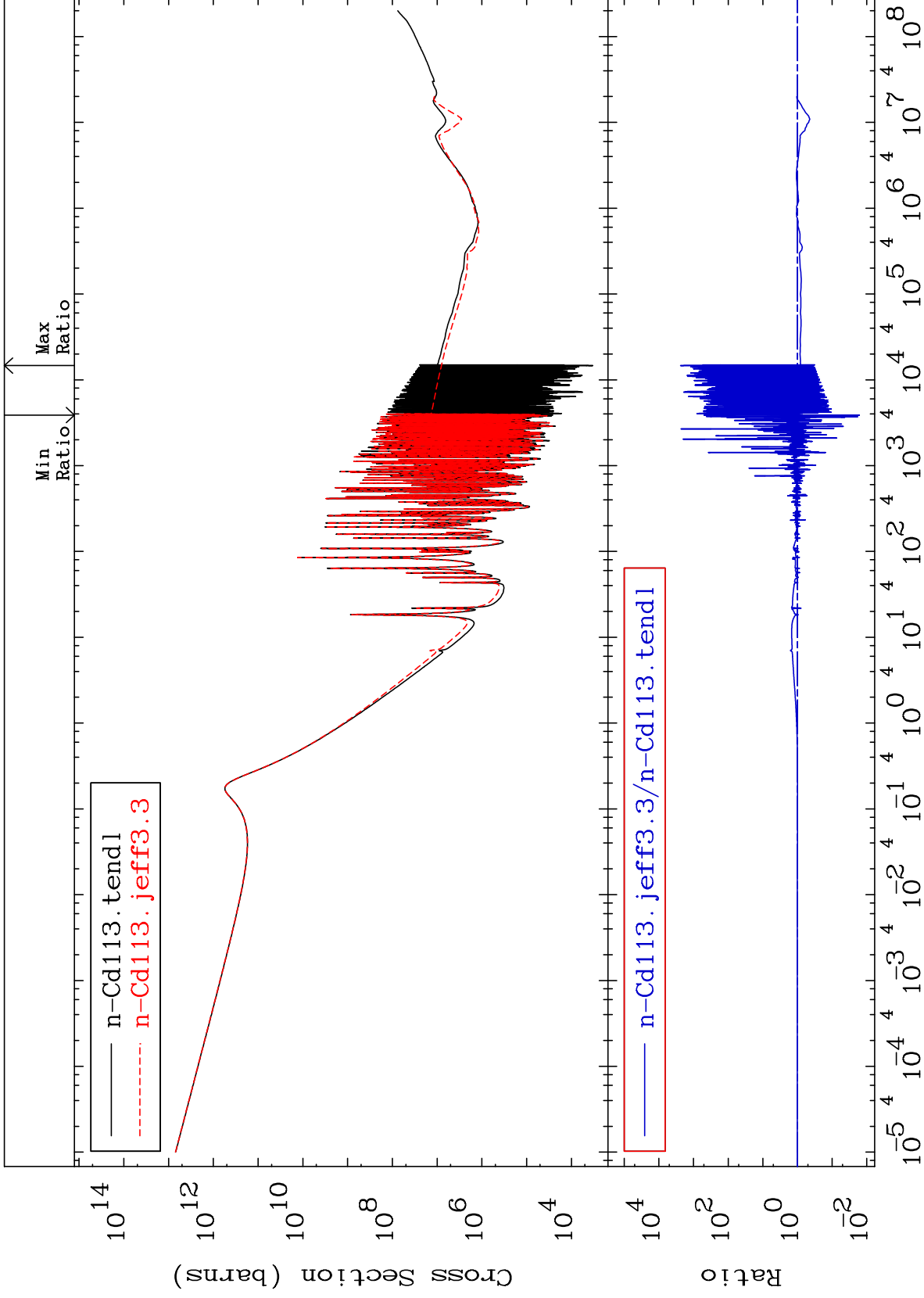
He-4 Production  
Cross Section

48-Cd-113  
-100.0 To 3861. %



Cross Section

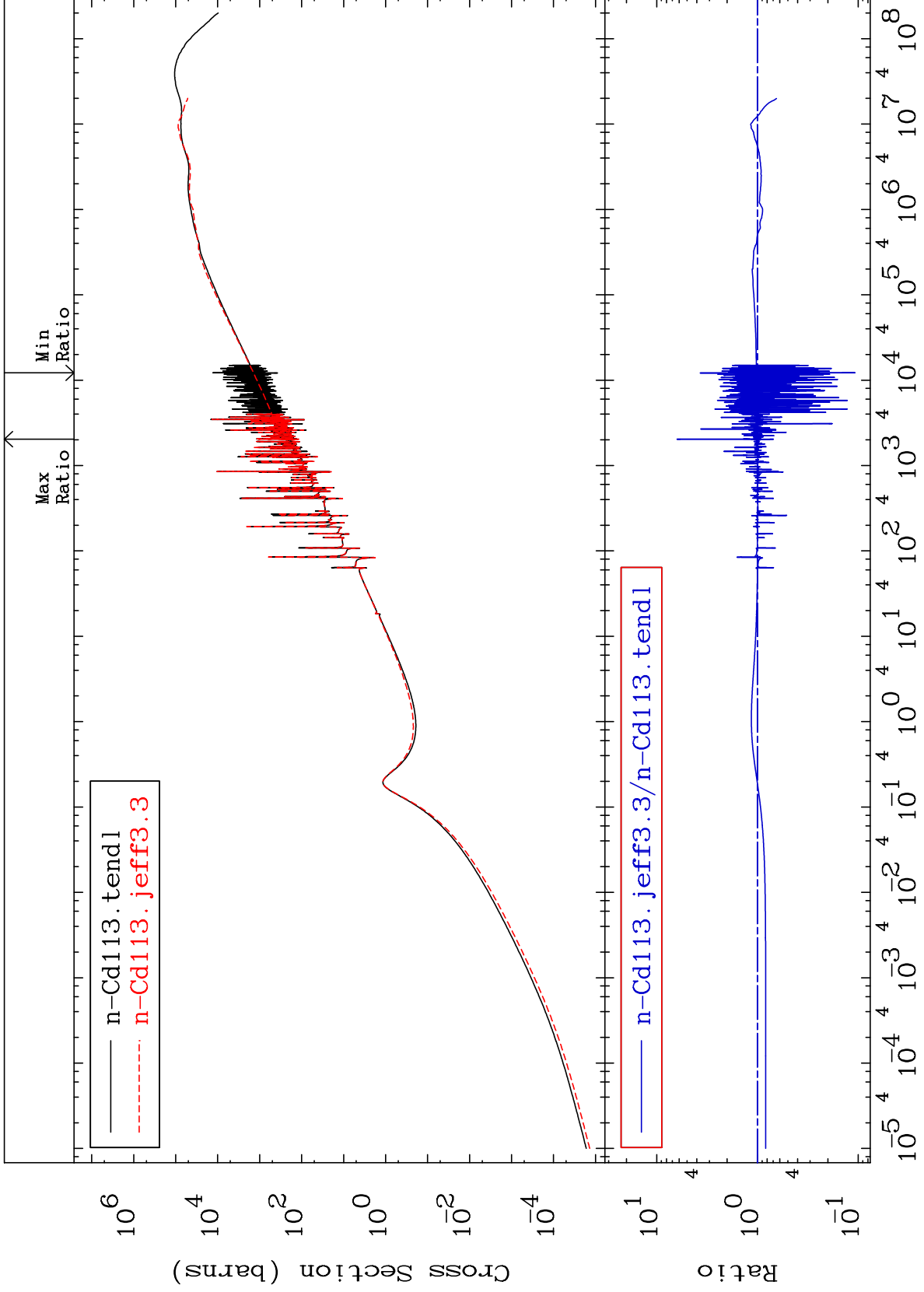
-98.37 To 9999. %

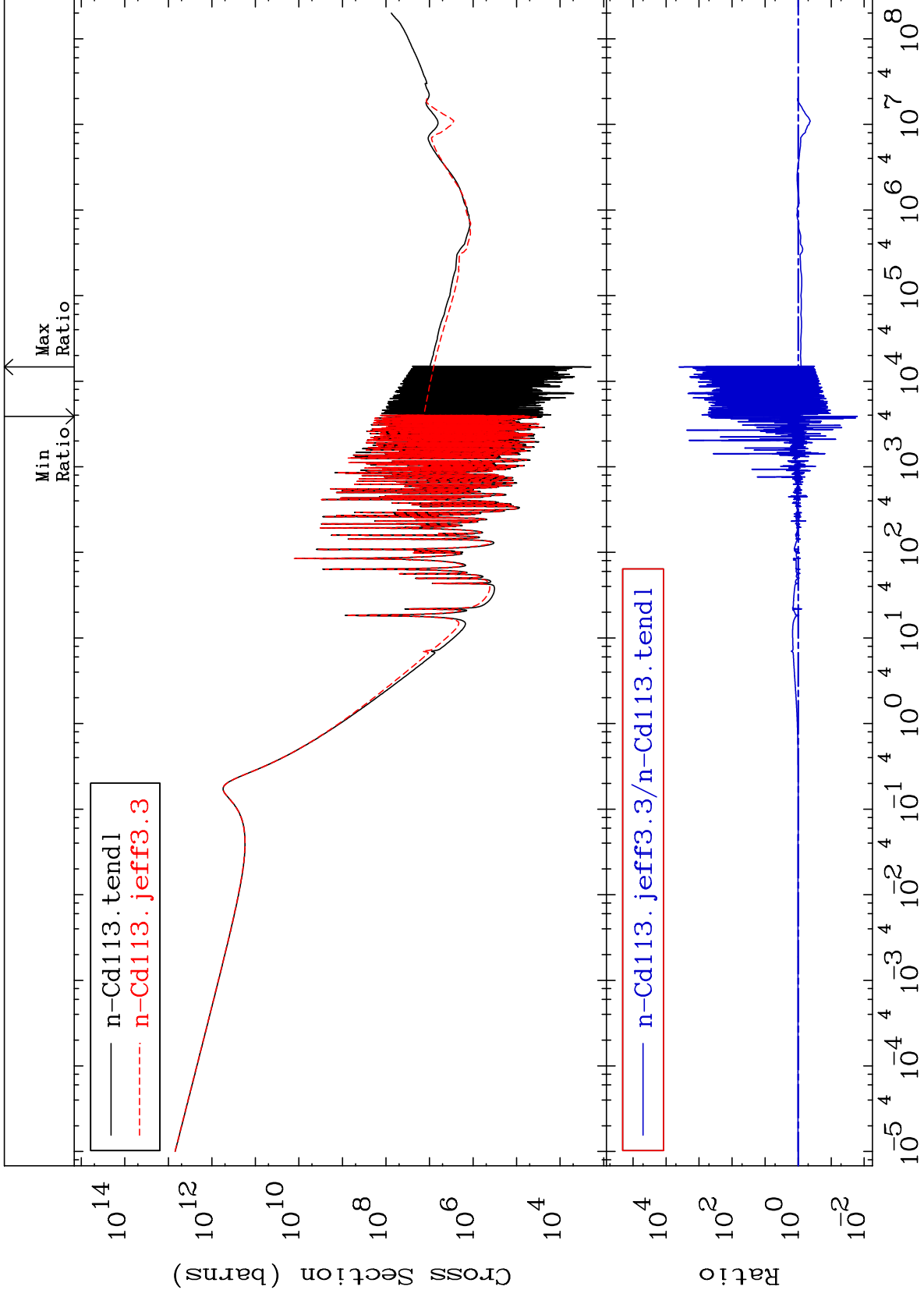


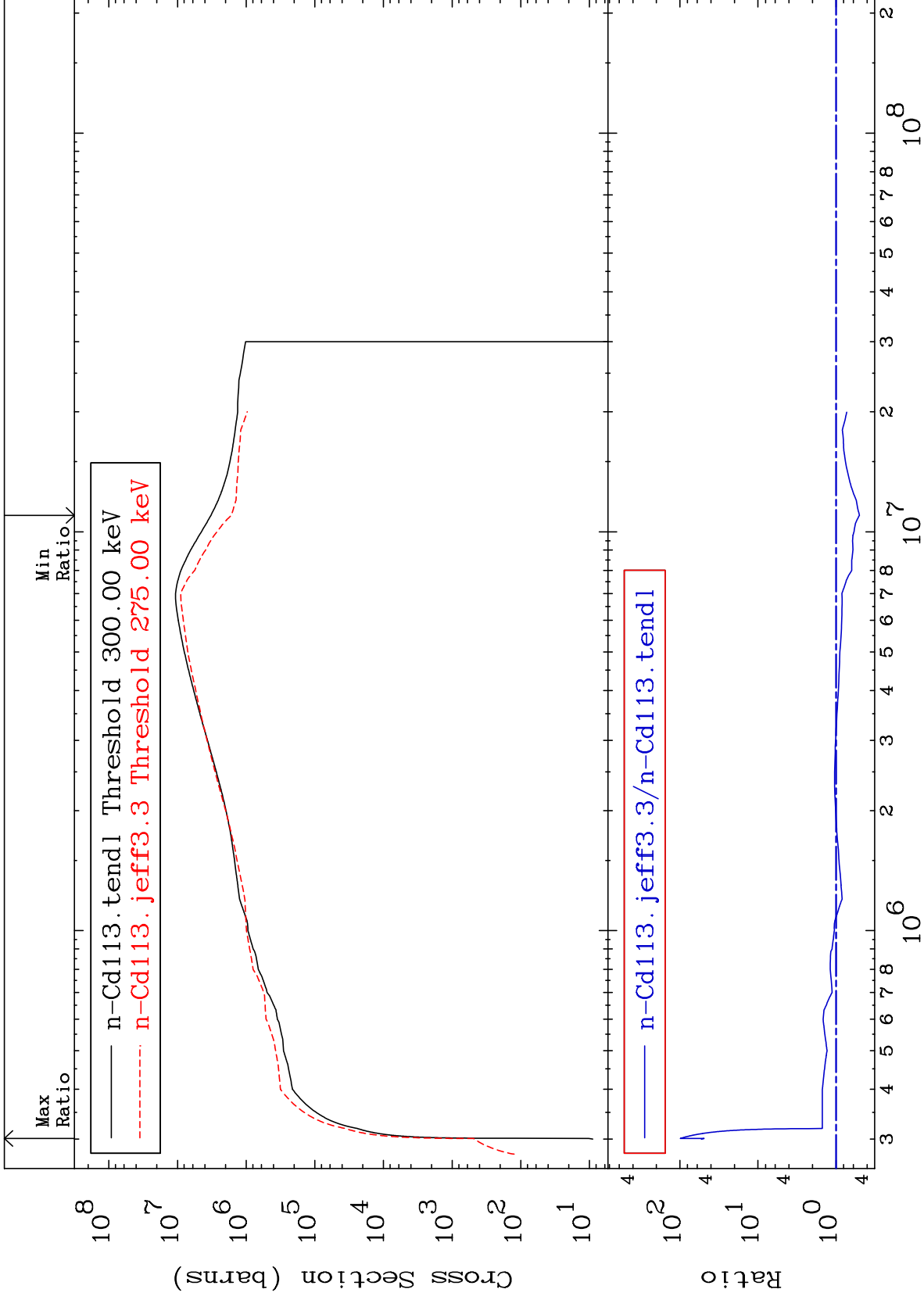
MAT 4846

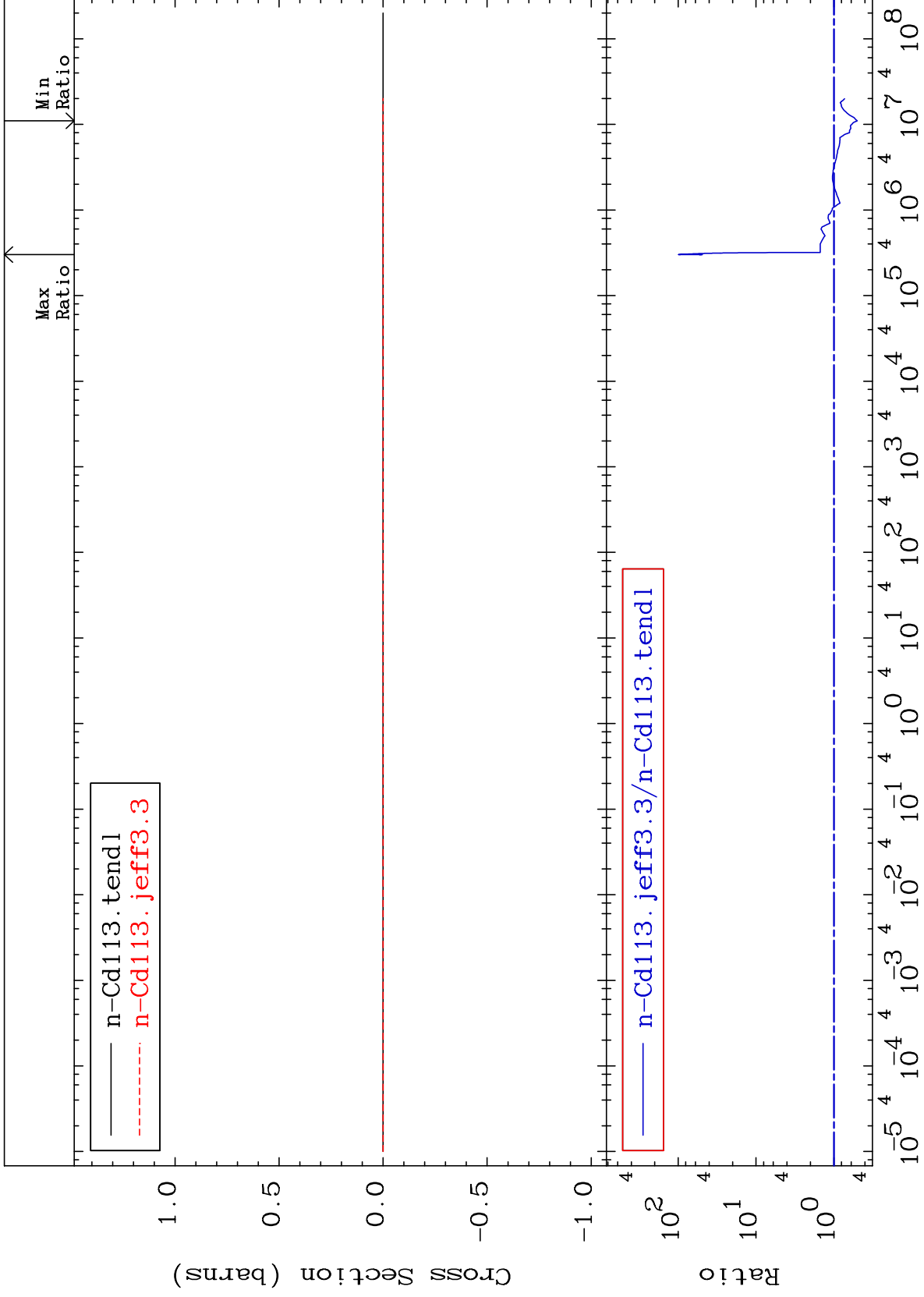
Kerma elastic  
Cross Section

48-Cd-113  
-89.26 To 530.0 %





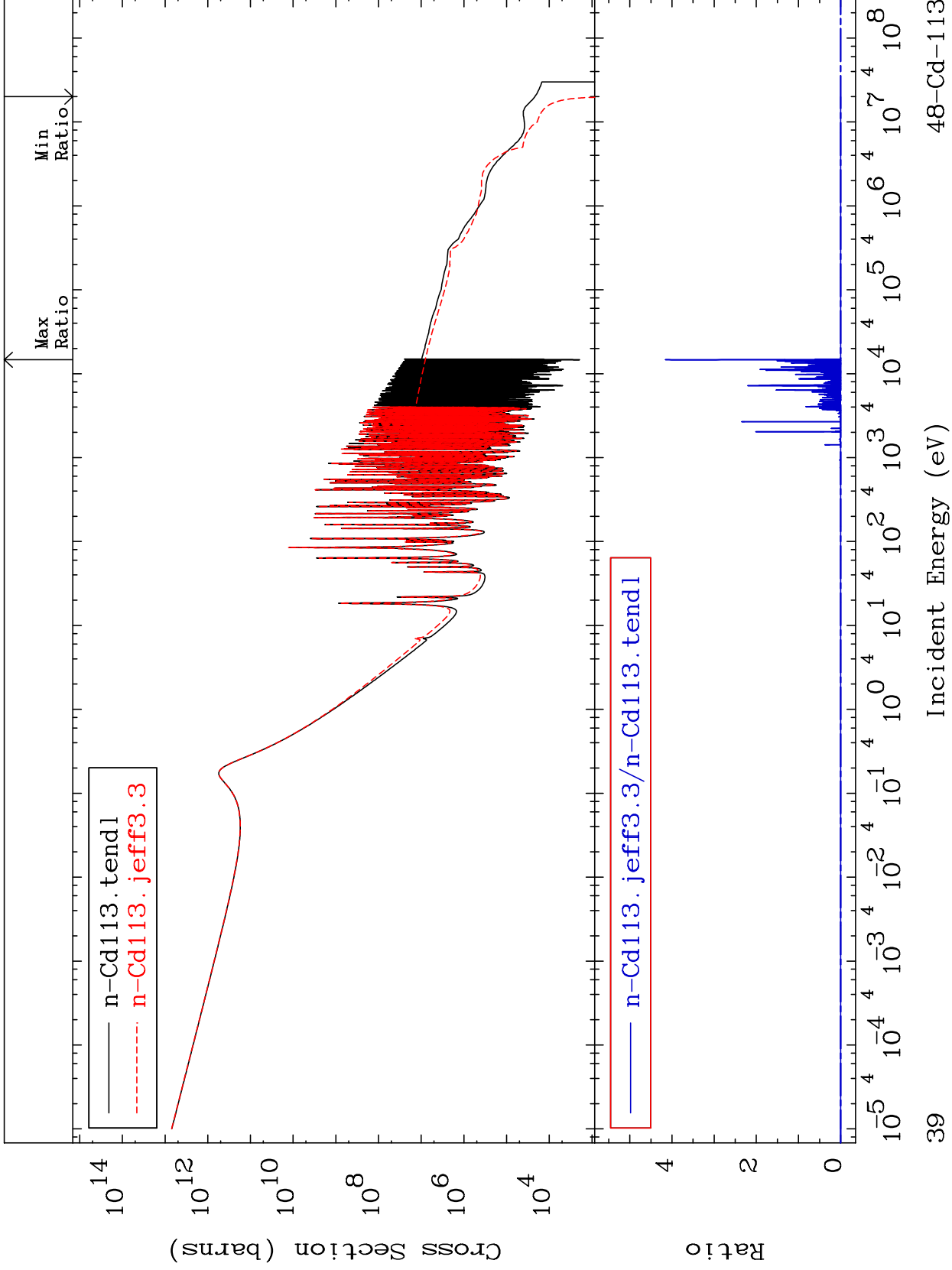




MAT 4846

Kerma capture (mt102)  
Cross Section

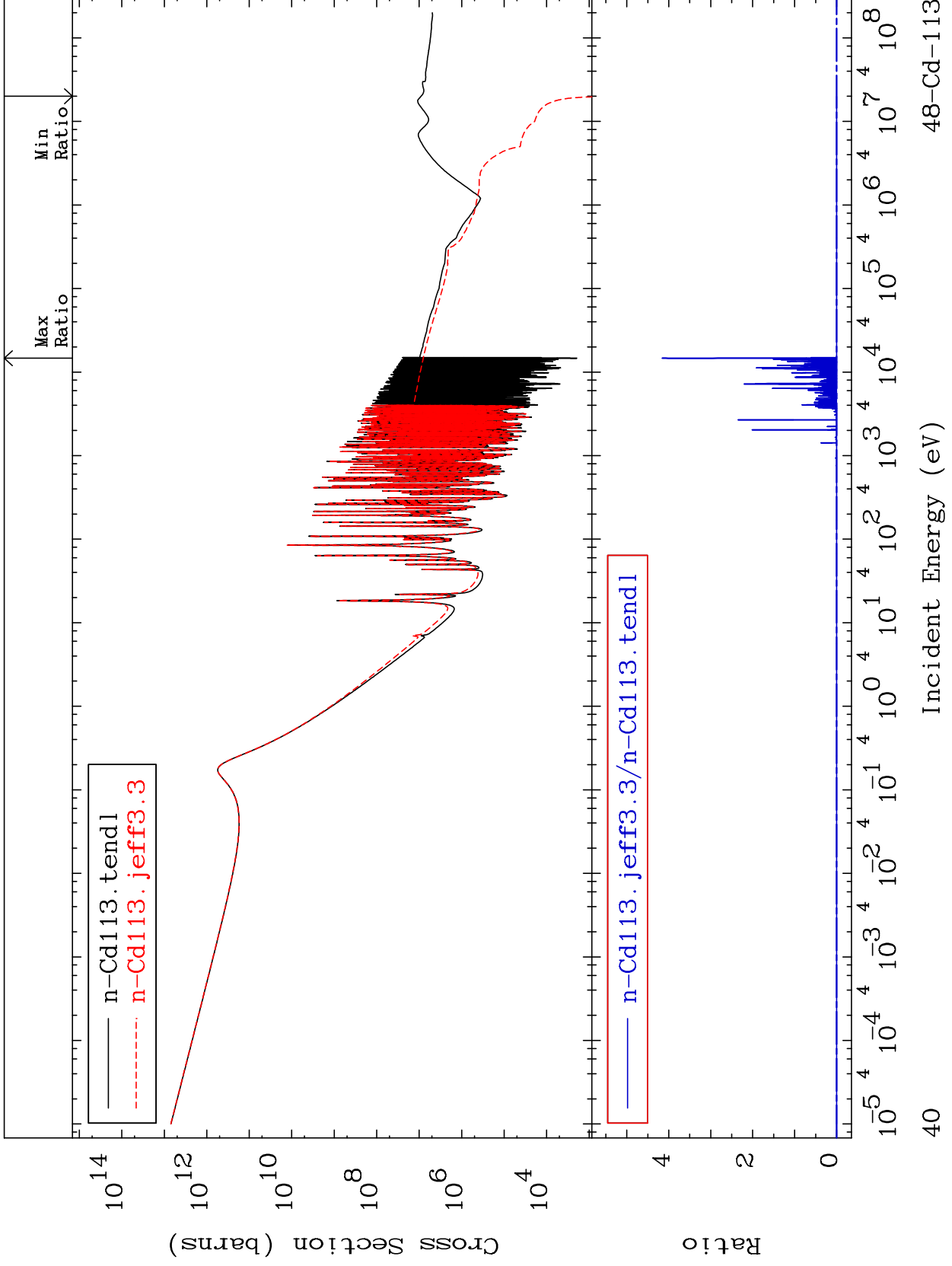
48-Cd-113  
-100.0 To 9999. %



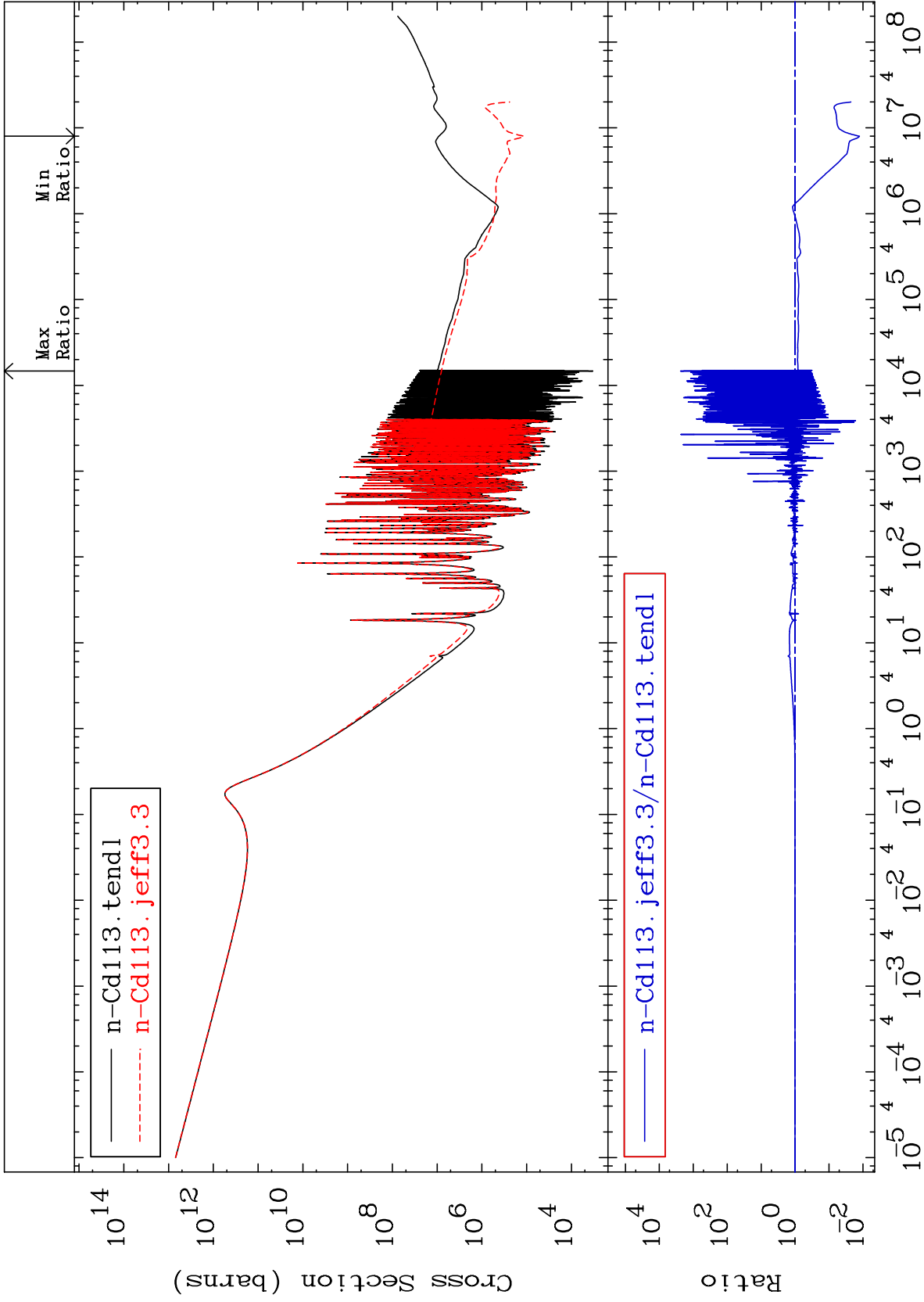
MAT 4846

Total photon (eV-barns)  
Cross Section

48-Cd-113  
-100.0 To 9999. %



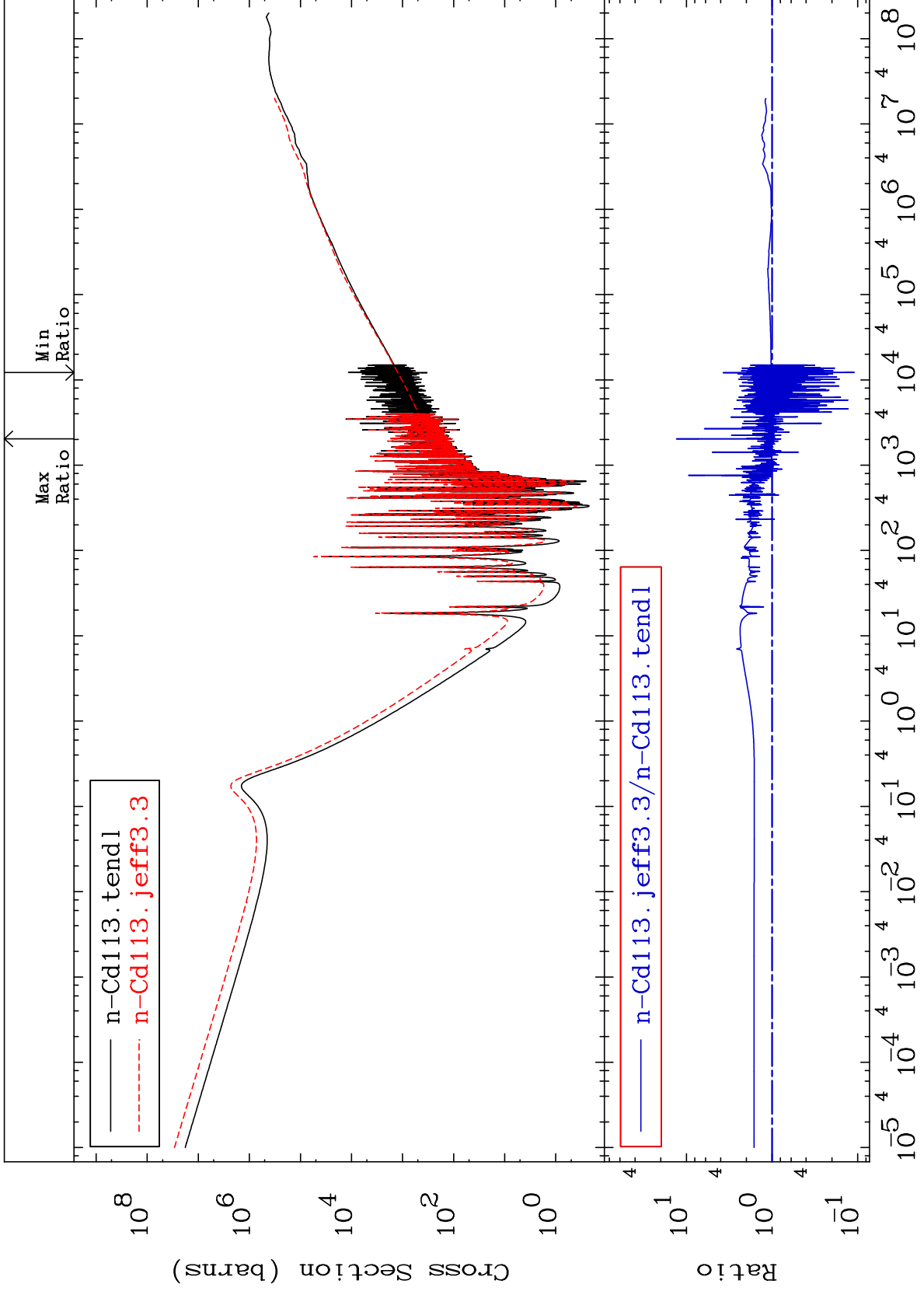




MAT 4846

Dpa total (eV-barns)  
Cross Section

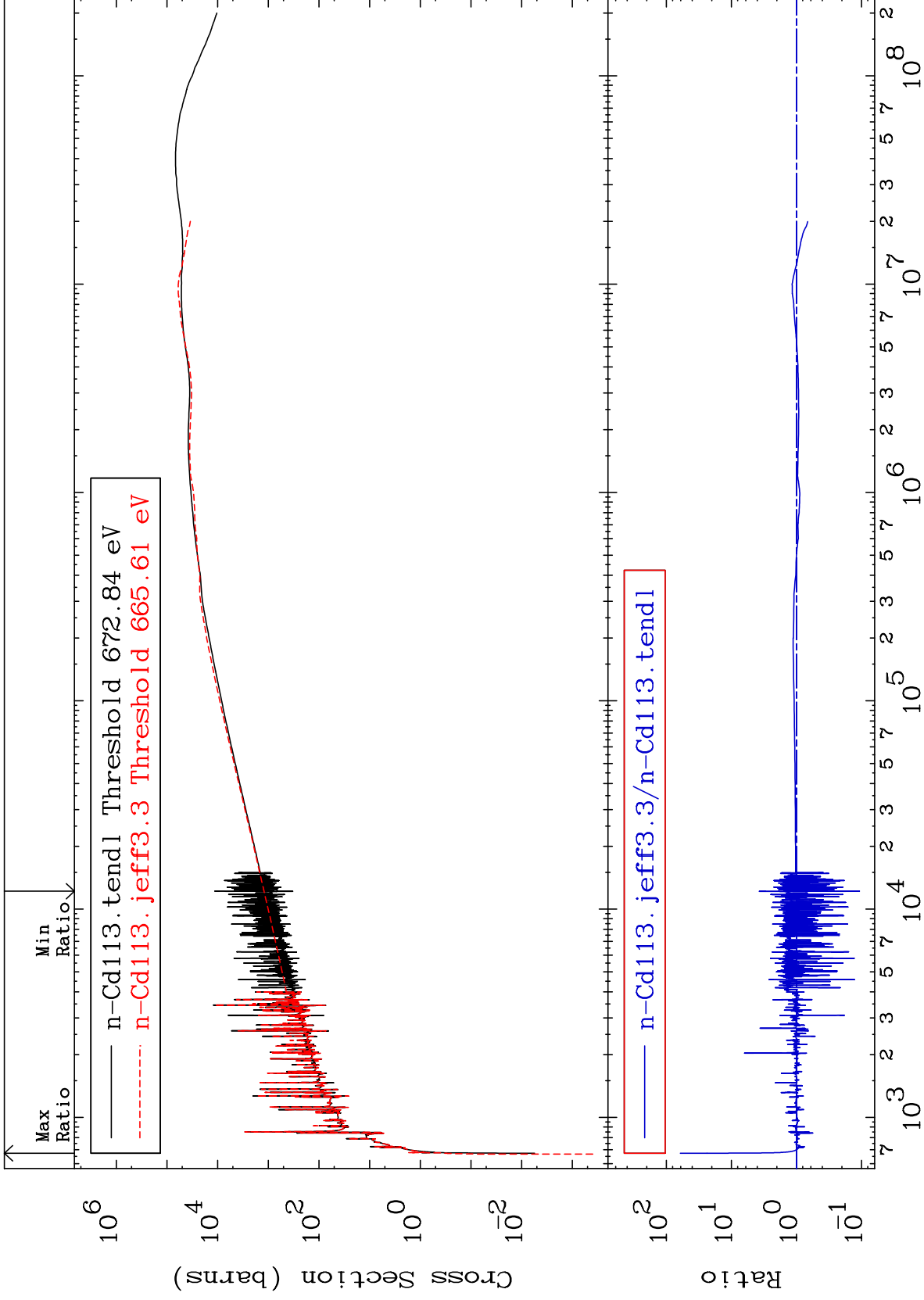
48-Cd-113  
-89.08 To 1216. %



MAT 4846

Dpa elastic (mt2)  
Cross Section

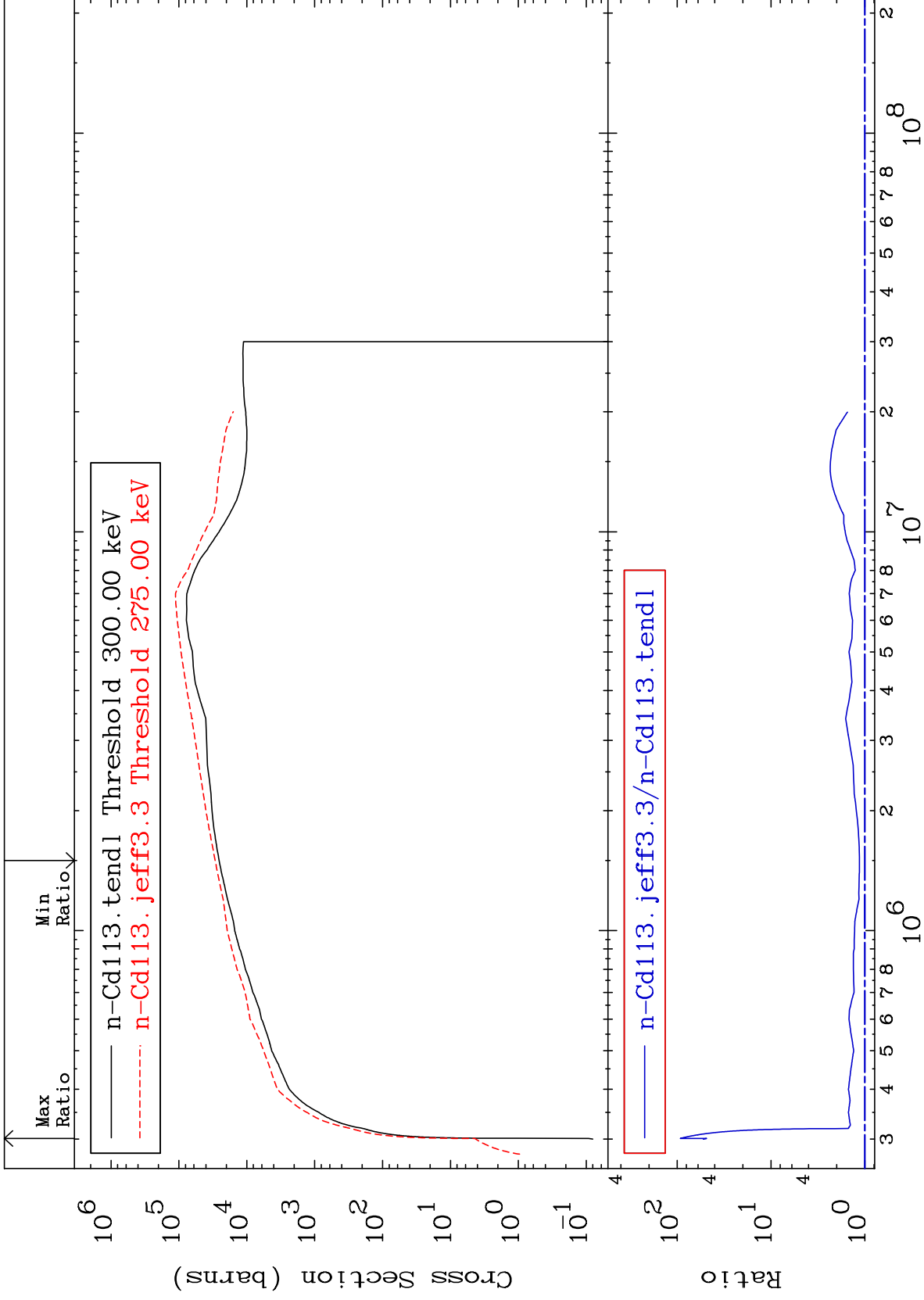
48-Cd-113  
-89.26 To 5969. %



43

Incident Energy (eV)

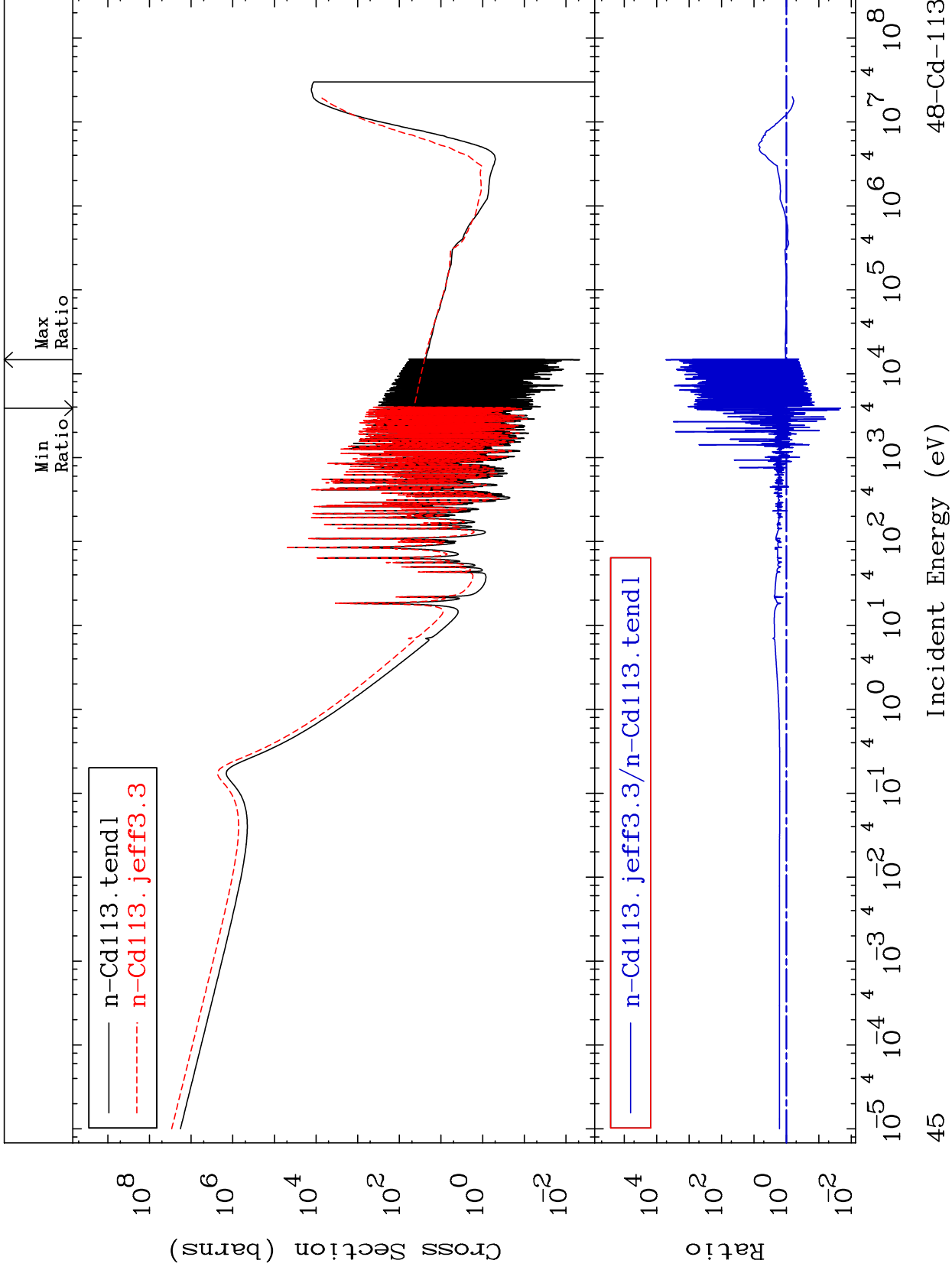
48-Cd-113



MAT 4846

Dpa disappearance (mt102 -120)  
Cross Section

48-Cd-113  
-97.89 To 9999. %



45

Incident Energy (eV)

48-Cd-113