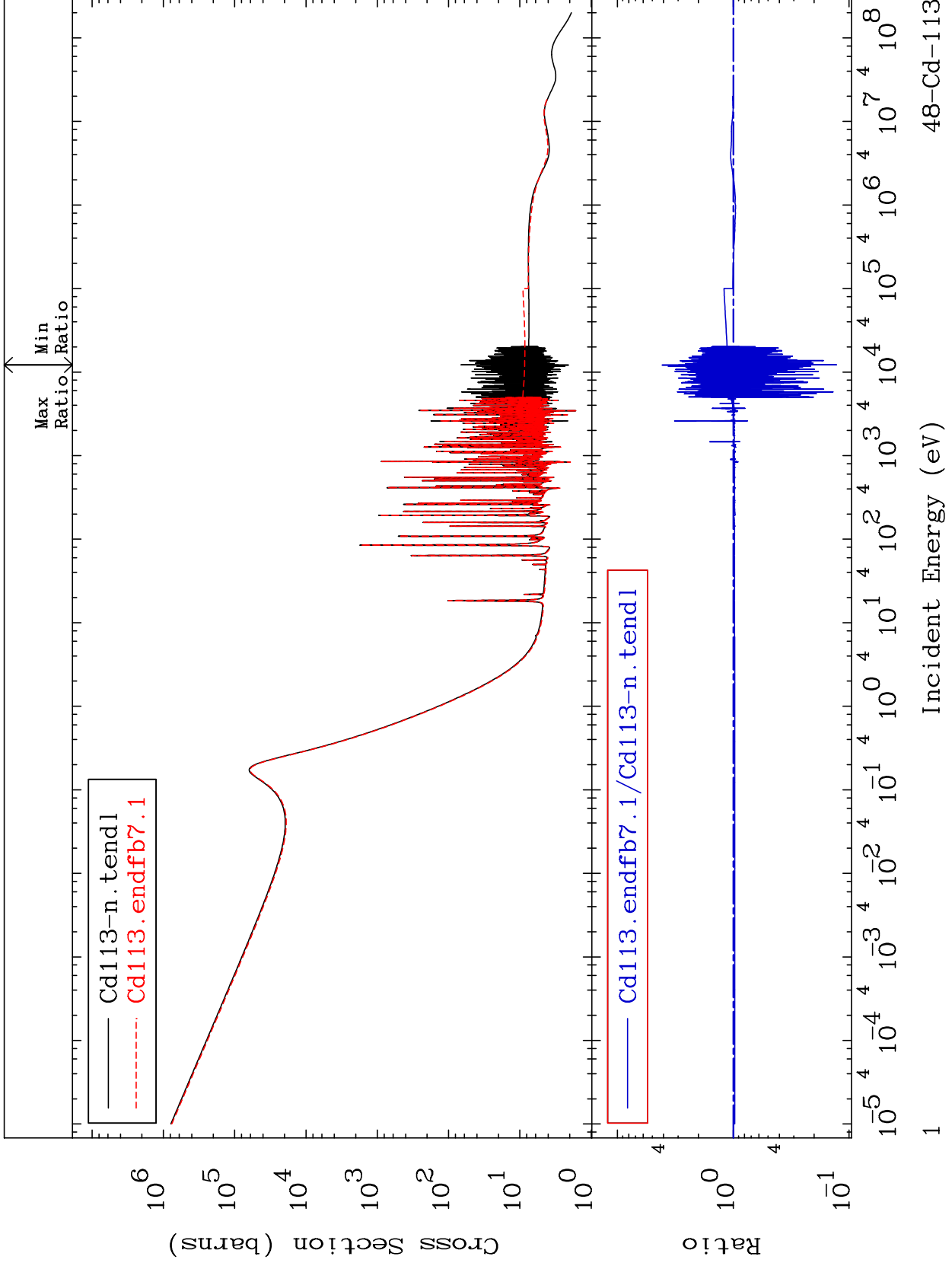


MAT 4846

Total
Cross Section

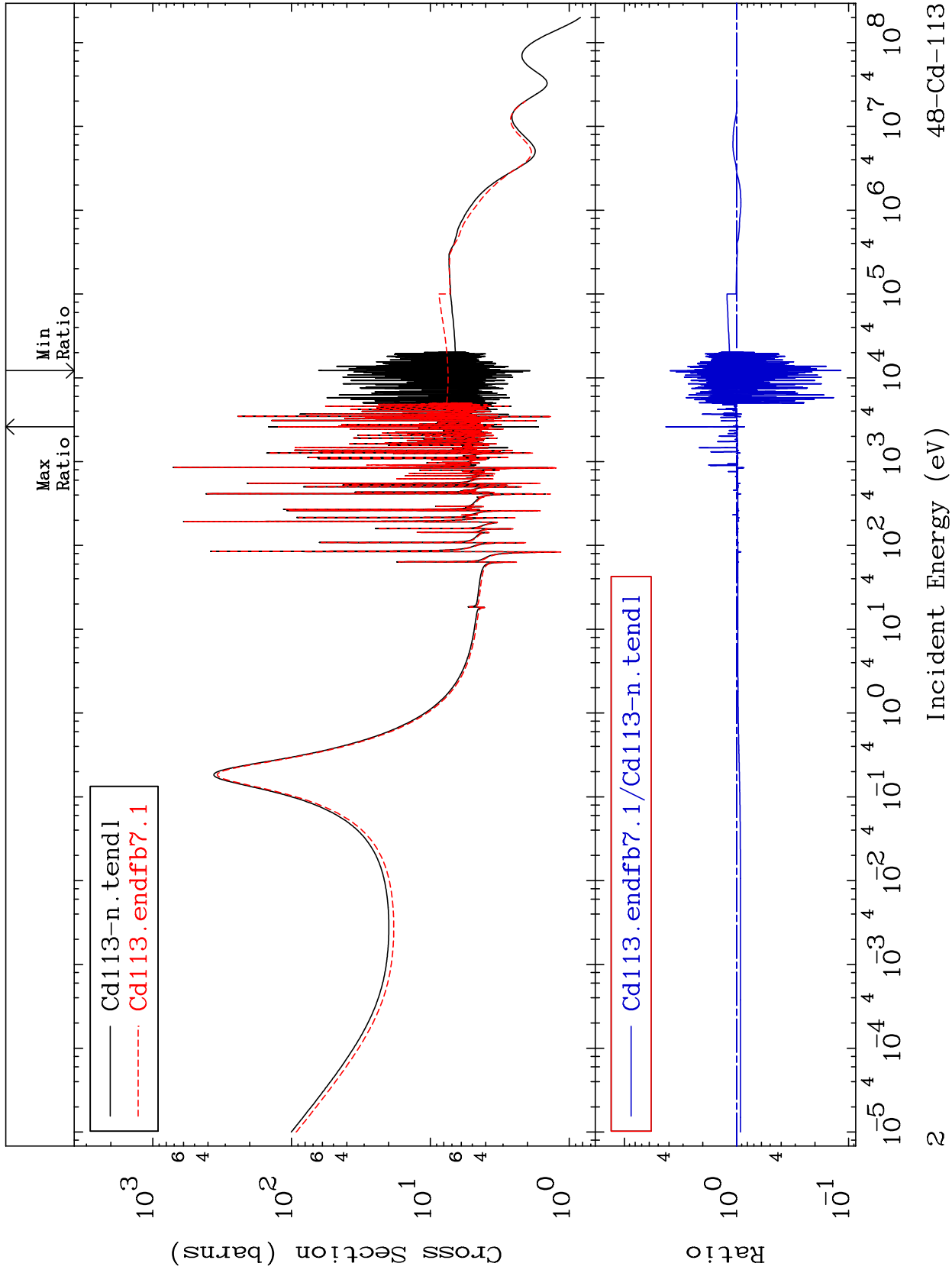
48-Cd-113
-87.20 To 309.9 %



MAT 4846

Elastic
Cross Section

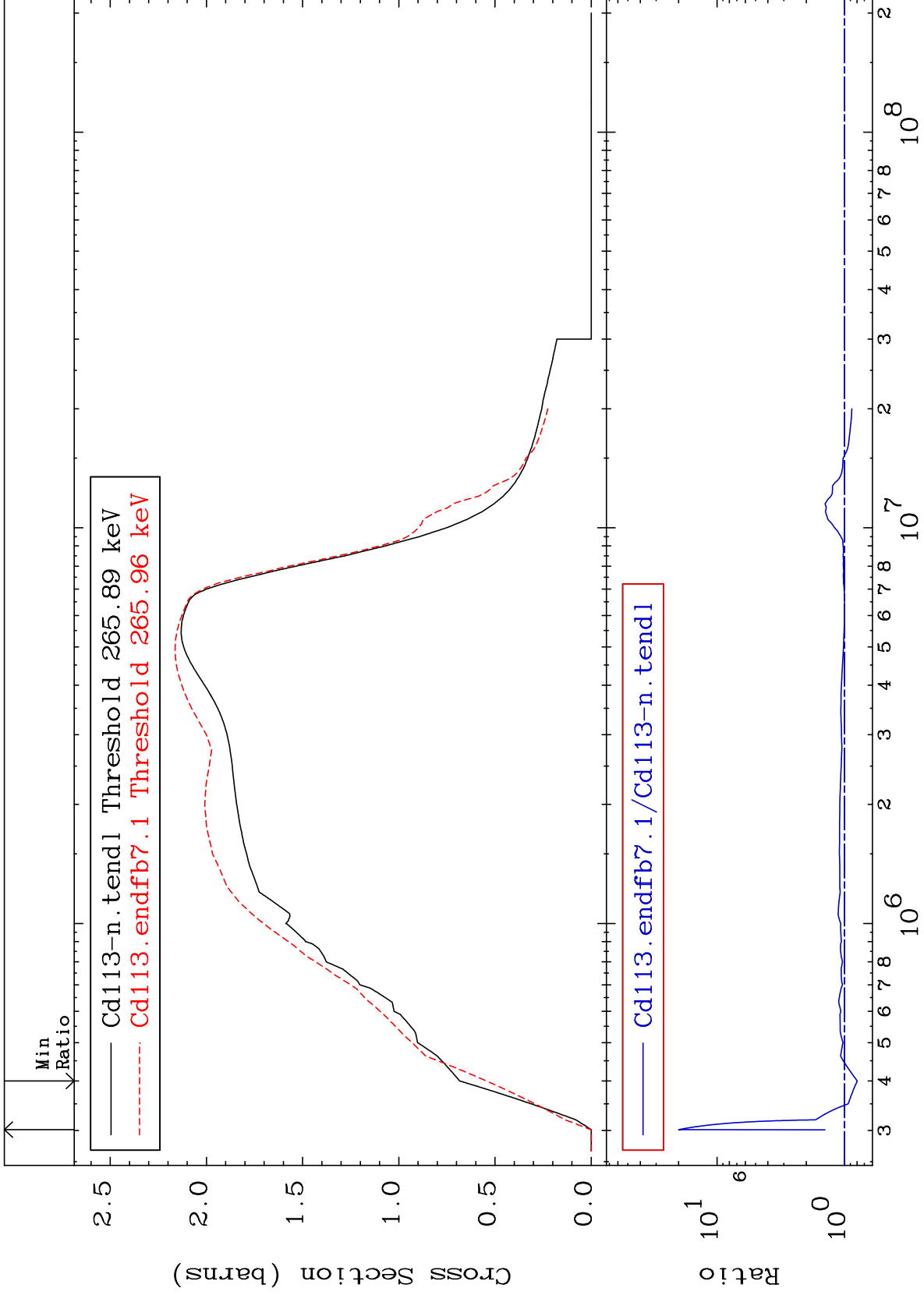
48-Cd-113
-88.26 To 325.6 %



MAT 4846

Inelastic
Cross Section

48-Cd-113
-20.39 To 1901. %



3

48-Cd-113

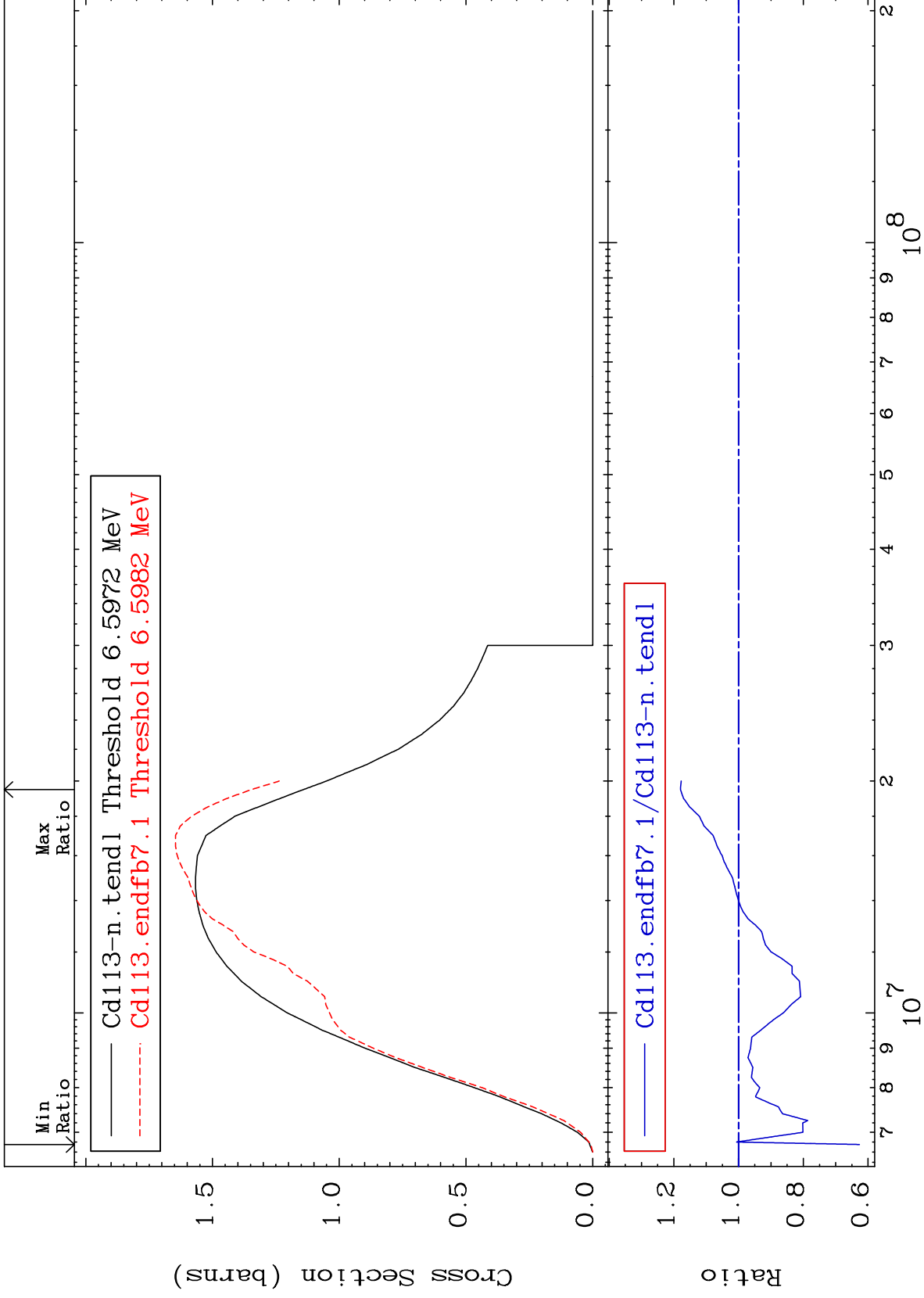
MAT 4846

(n,2n)

48-Cd-113

Cross Section

-37.34 To 17.99 %



4

Incident Energy (eV)

48-Cd-113

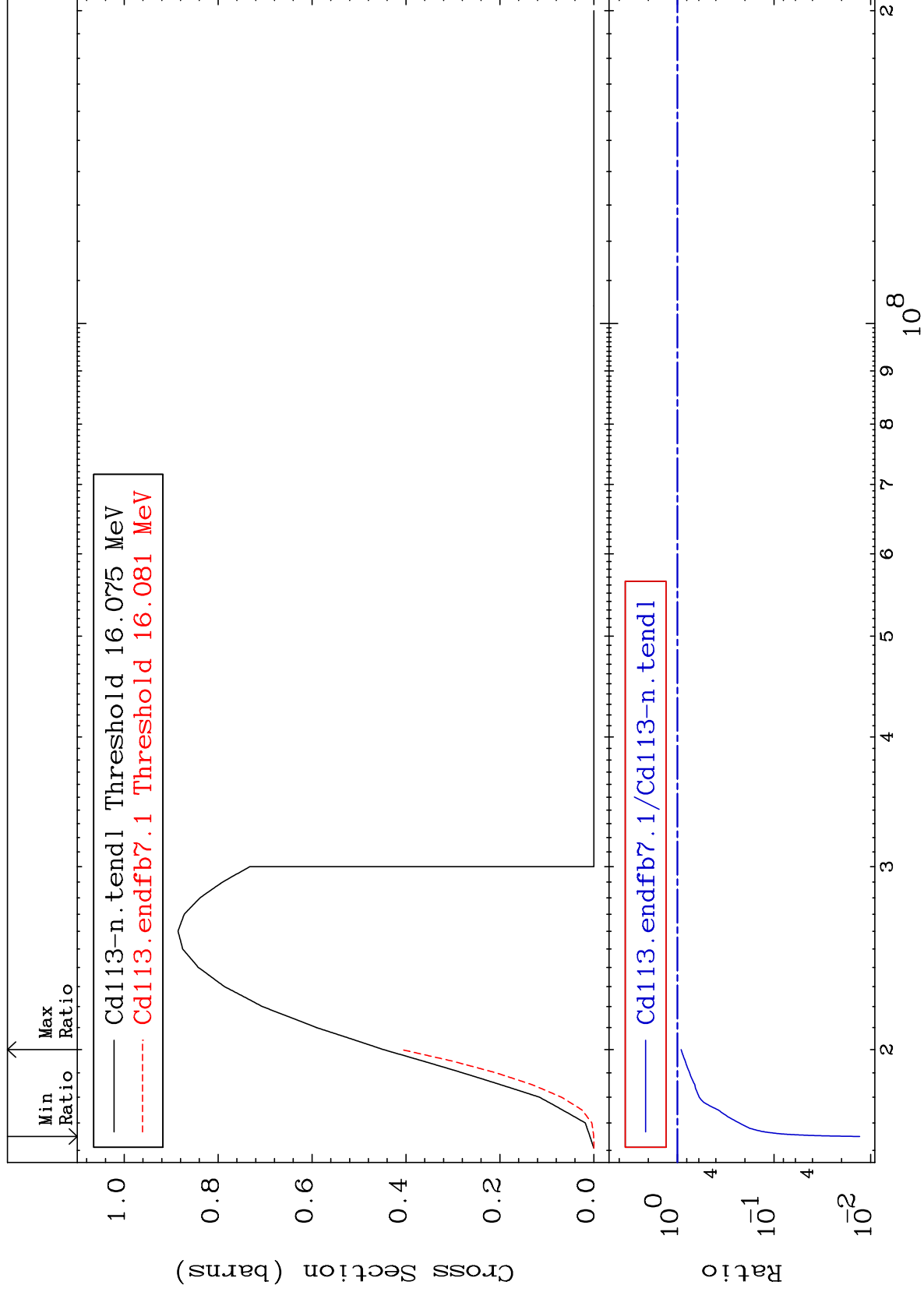
MAT 4846

(n,3n)

48-Cd-113

Cross Section

-98.70 To -8.702%



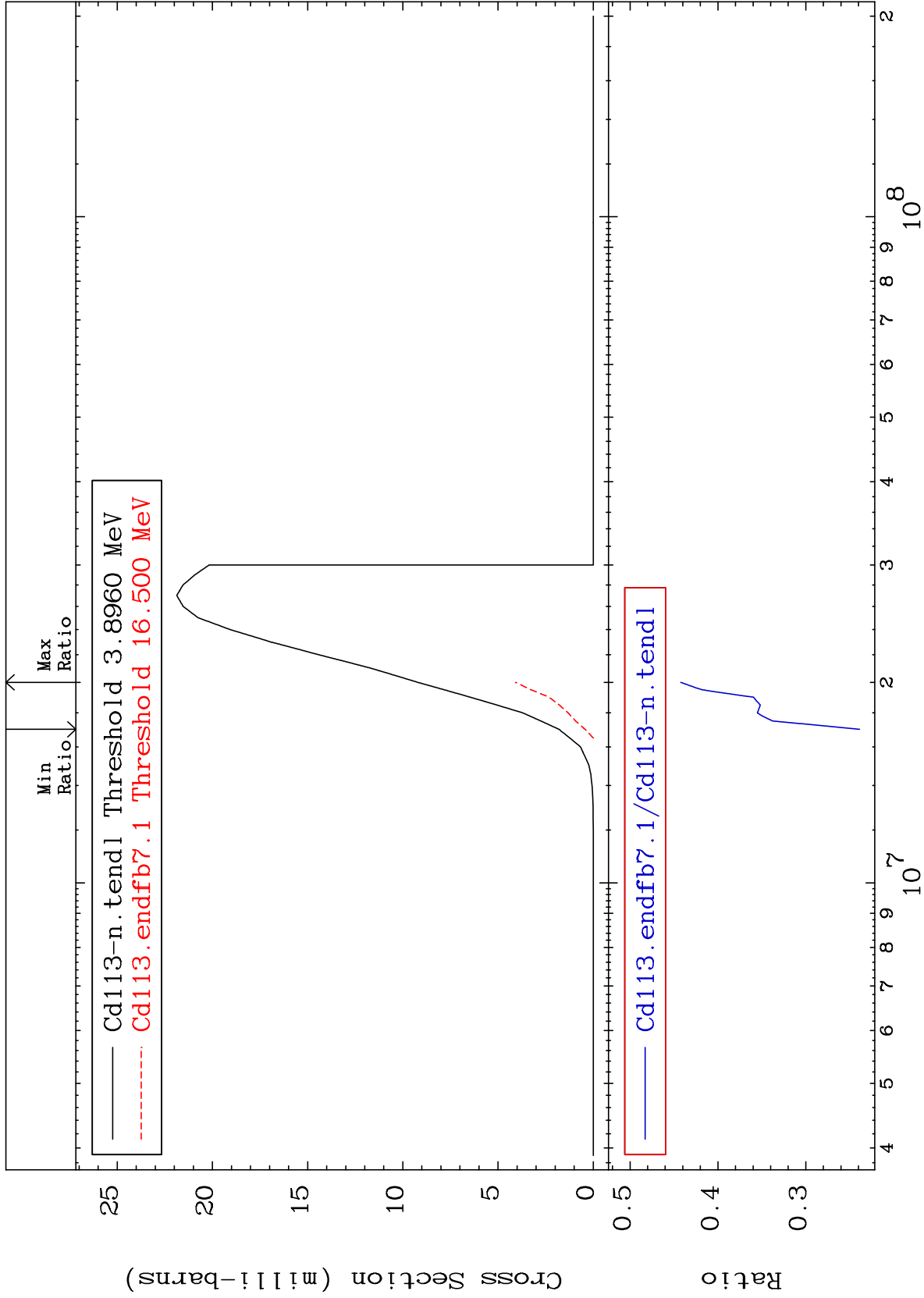
MAT 4846

(n,n') α

48-Cd-113

Cross Section

-76.12 To -55.77%



6

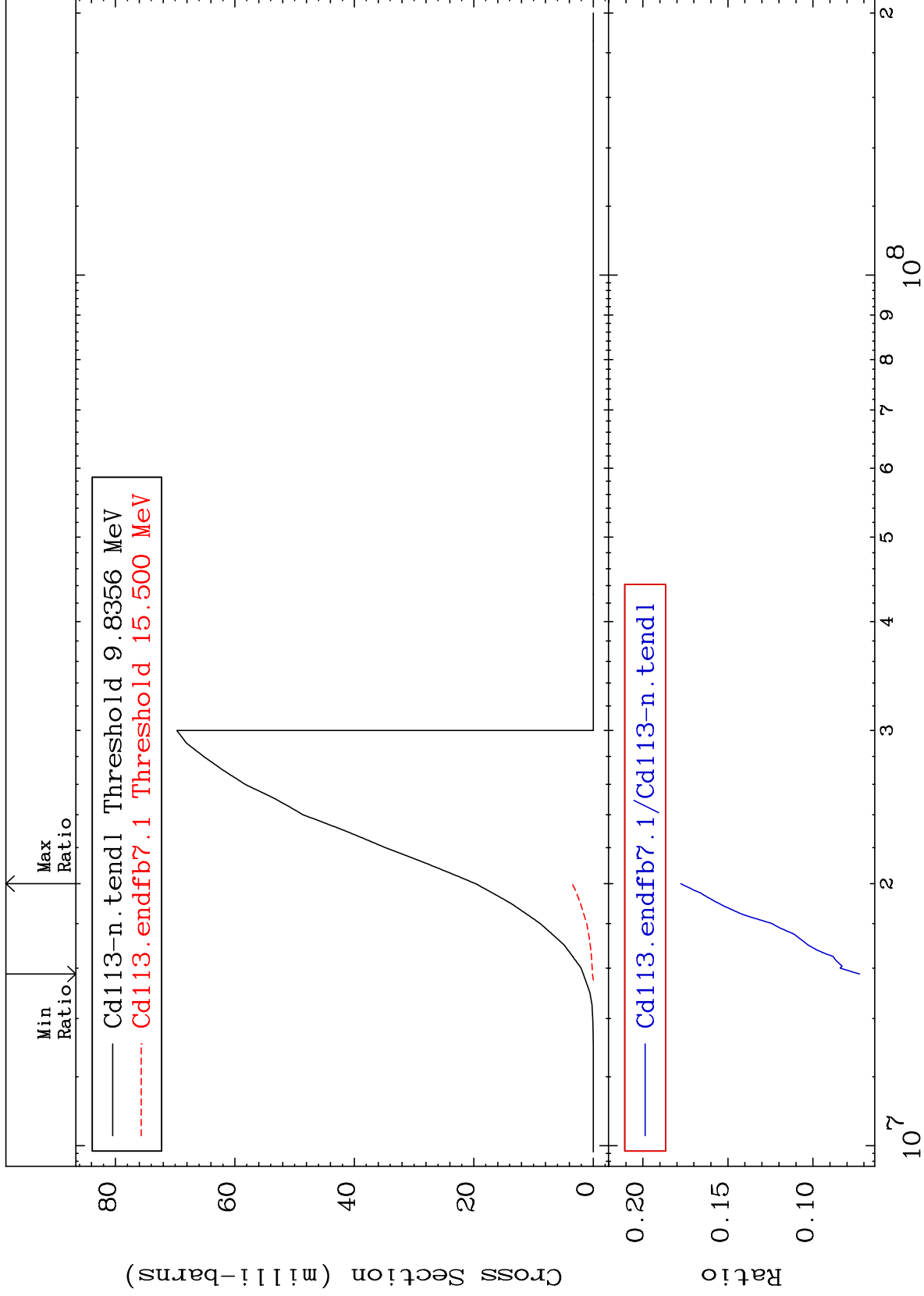
48-Cd-113

48-Cd-113

MAT 4846

(n,n') p
Cross Section

48-Cd-113
-92.74 To -82.23%



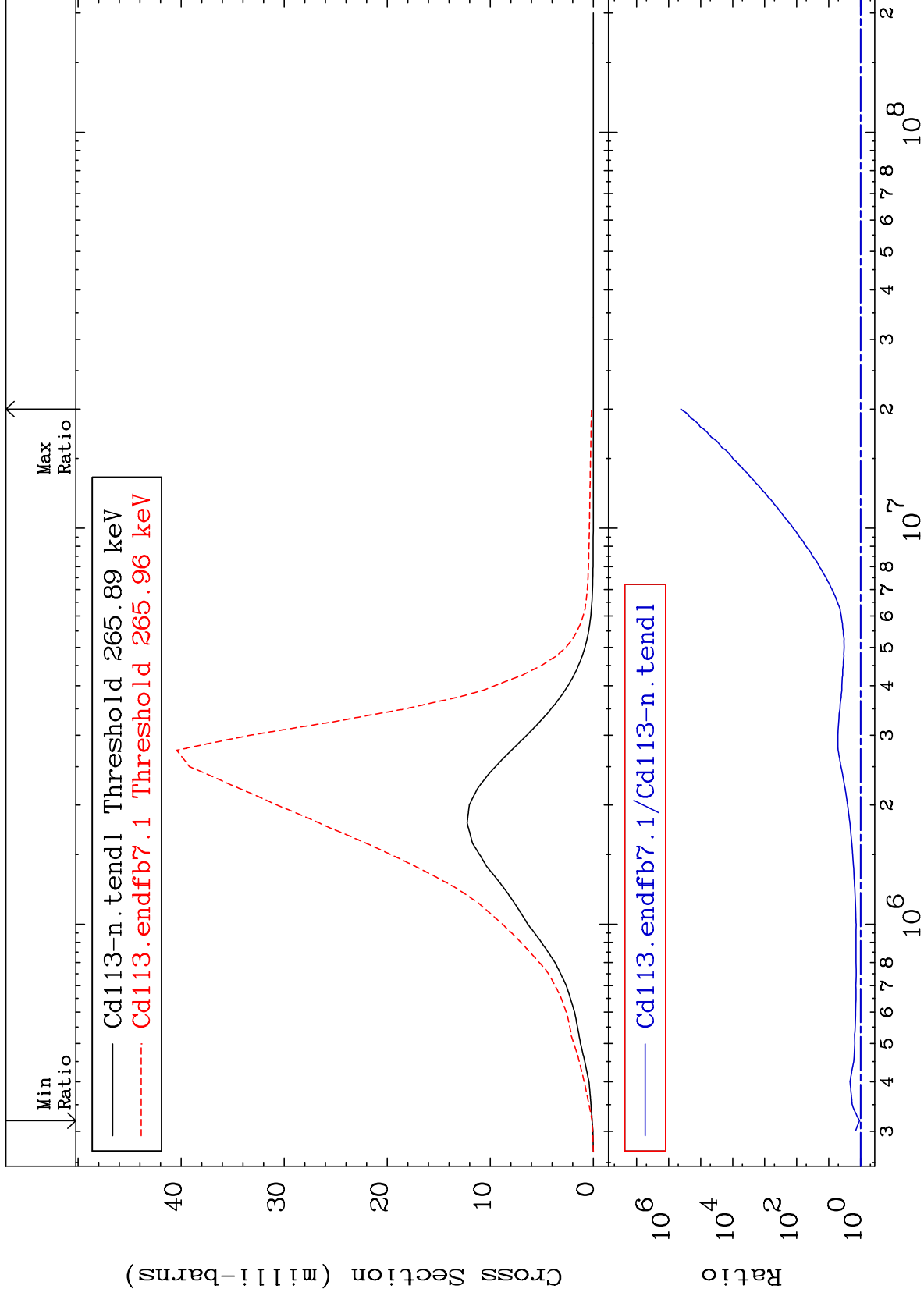
Incident Energy (eV)

48-Cd-113

MAT 4846

263.5 keV (n,n') Level
Cross Section

48-Cd-113
8.311 To 9999. %



8

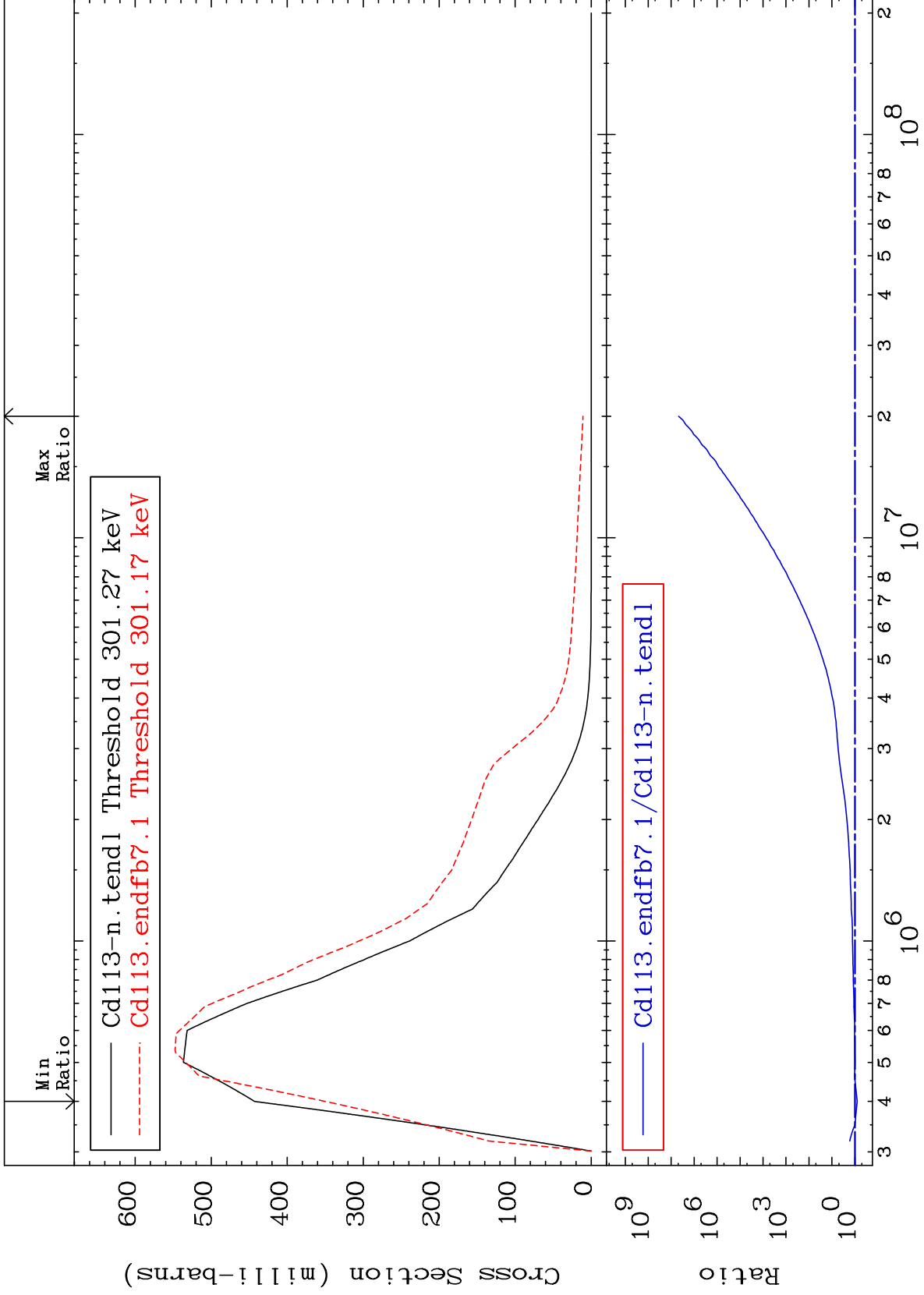
Incident Energy (eV)

48-Cd-113

MAT 4846

298.6 keV (n,n') Level
Cross Section

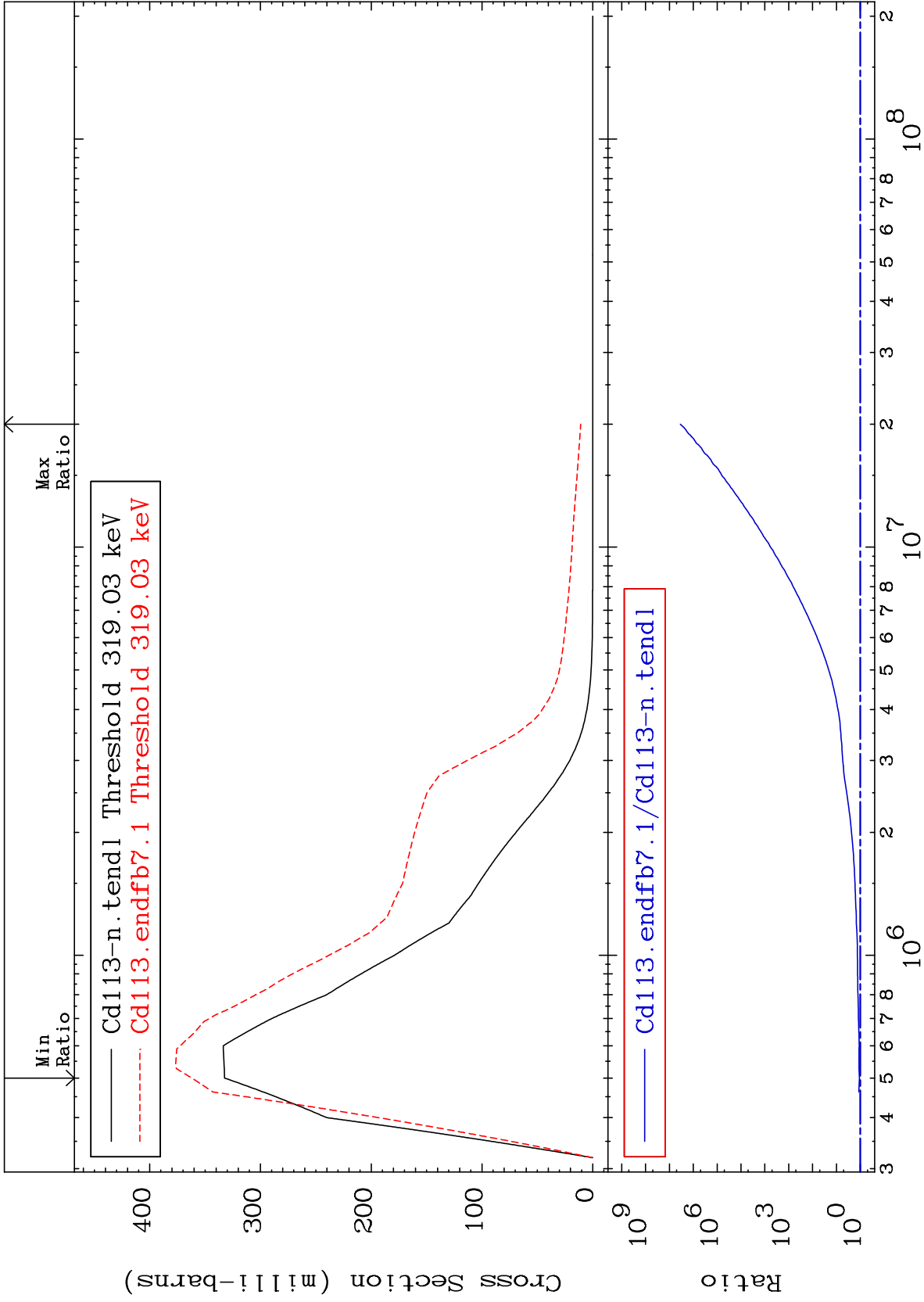
48-Cd-113
-21.06 To 9999. %



MAT 4846

316.2 keV (n,n') Level
Cross Section

48-Cd-113
8.943 To 9999. %



10

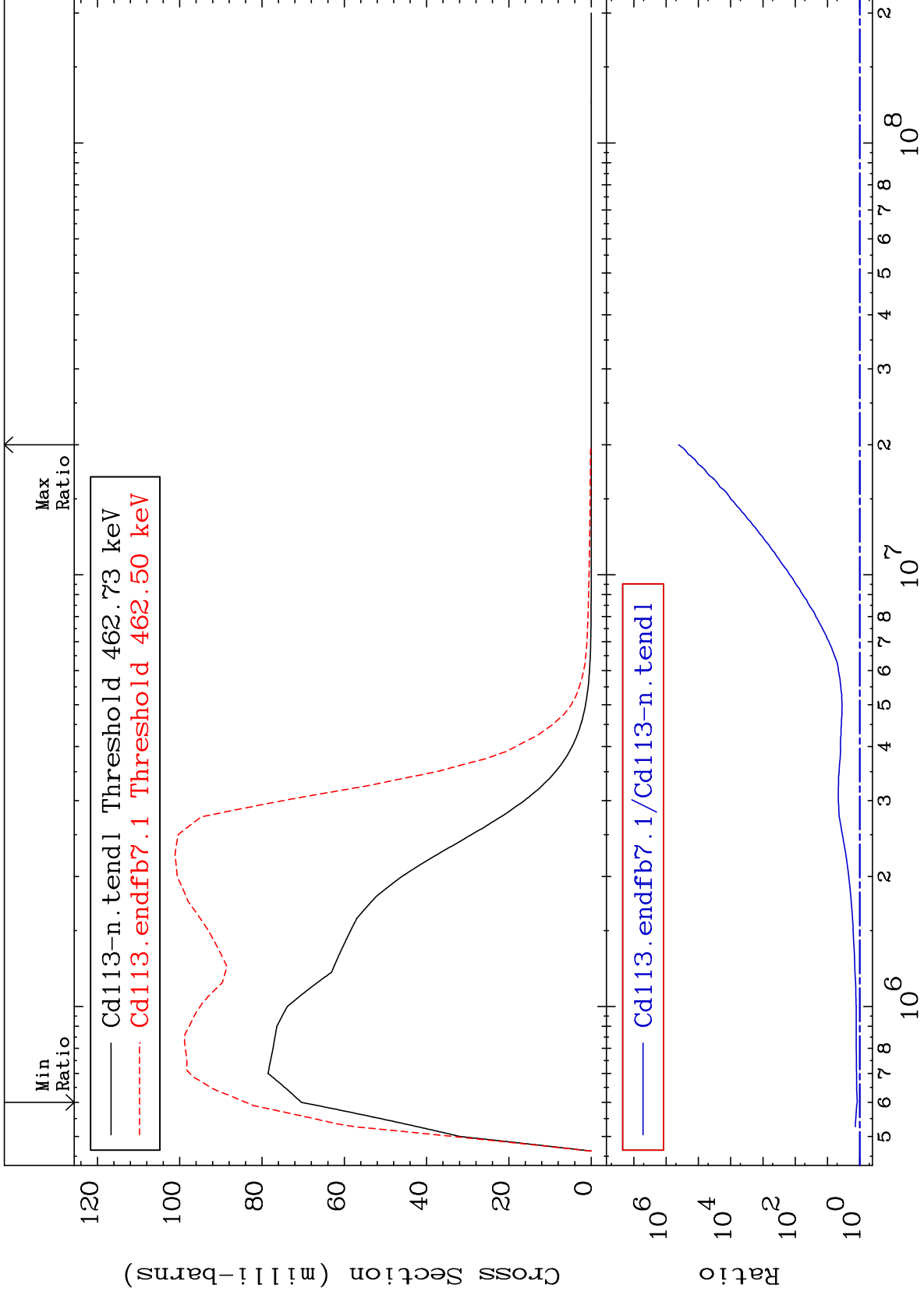
Incident Energy (eV)

48-Cd-113

MAT 4846

458.6 keV (n,n') Level
Cross Section

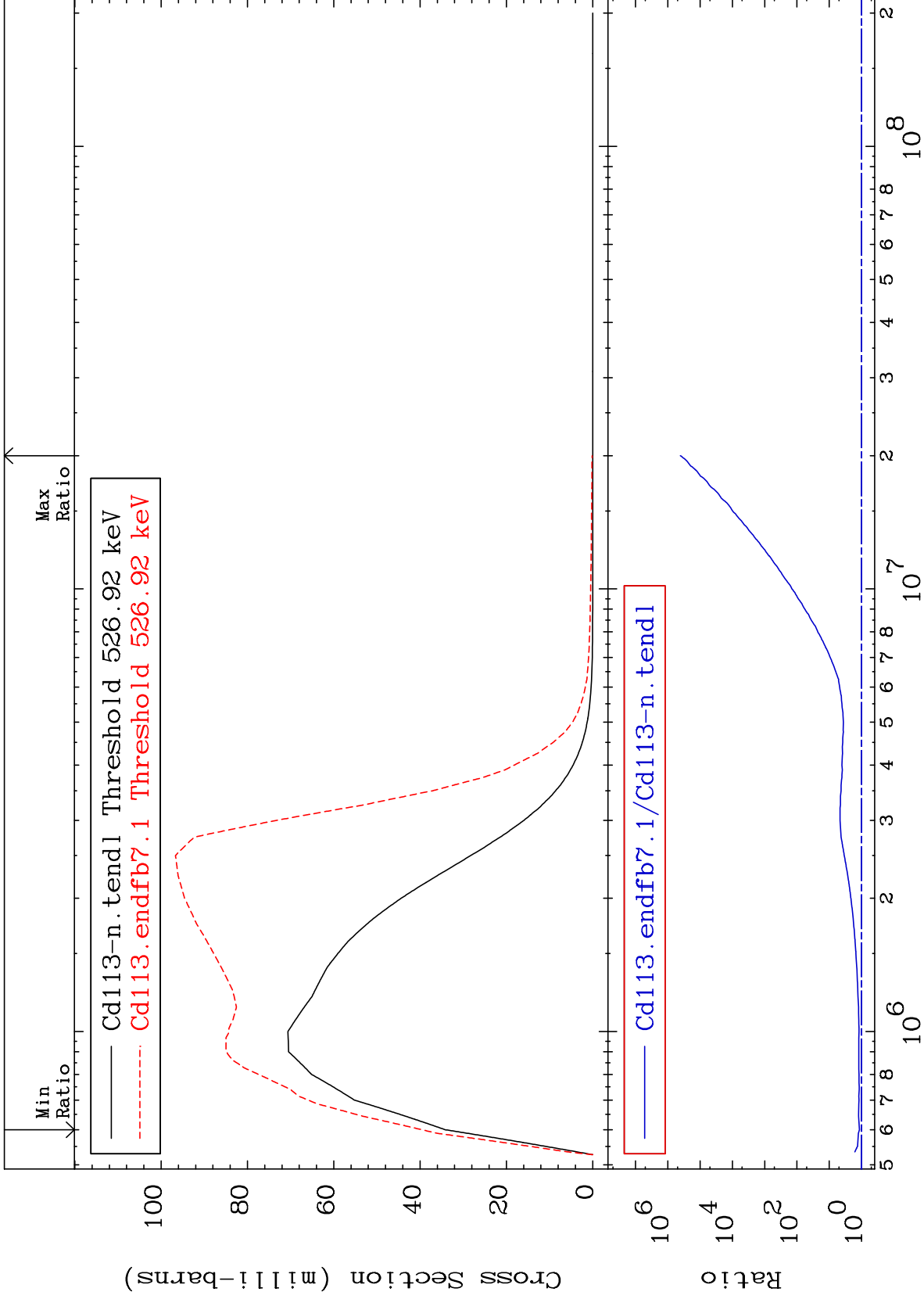
48-Cd-113
19.12 To 9999. %



MAT 4846

522.3 keV (n,n') Level
Cross Section

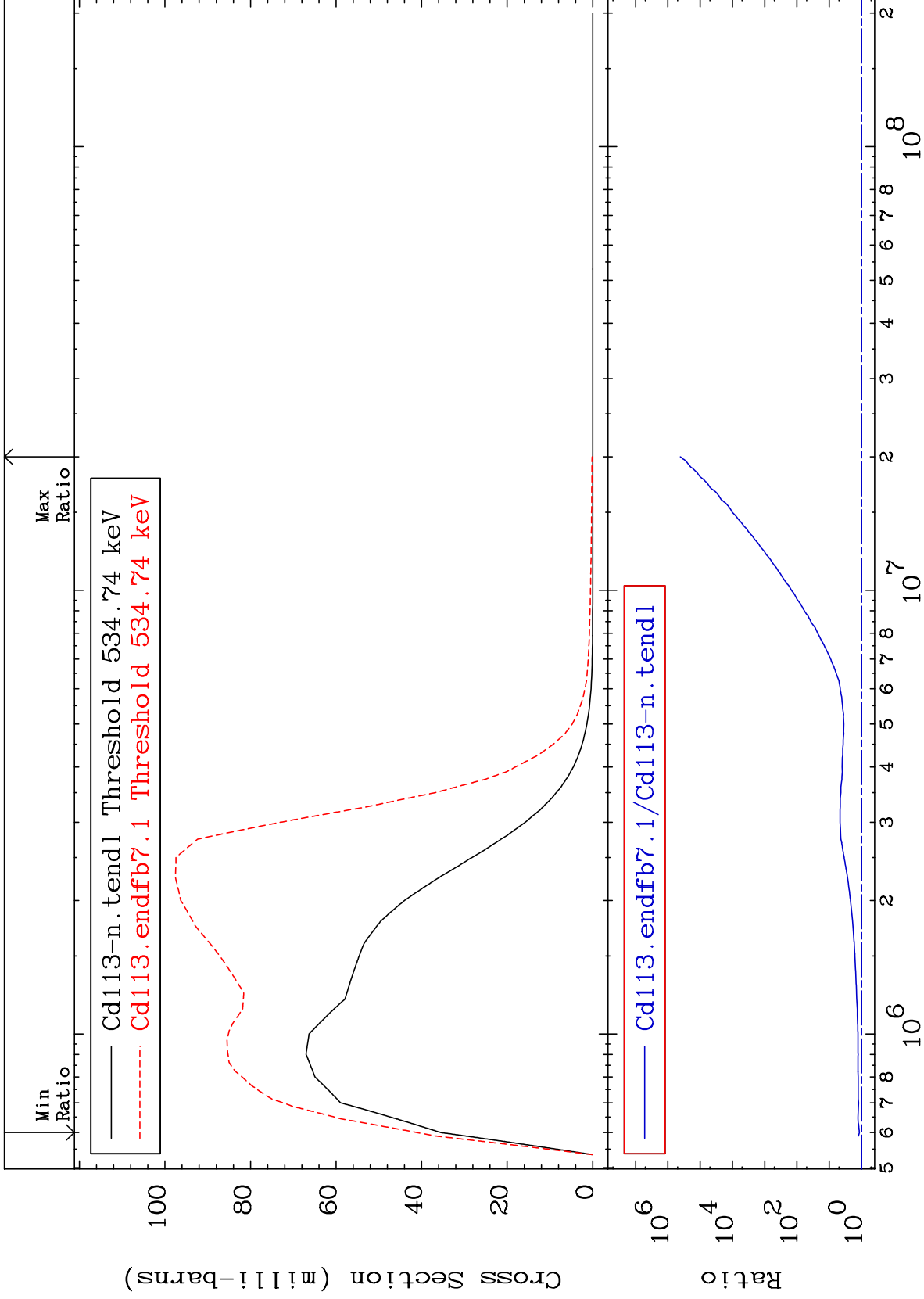
48-Cd-113
15.86 To 9999. %



MAT 4846

530.0 keV (n,n') Level
Cross Section

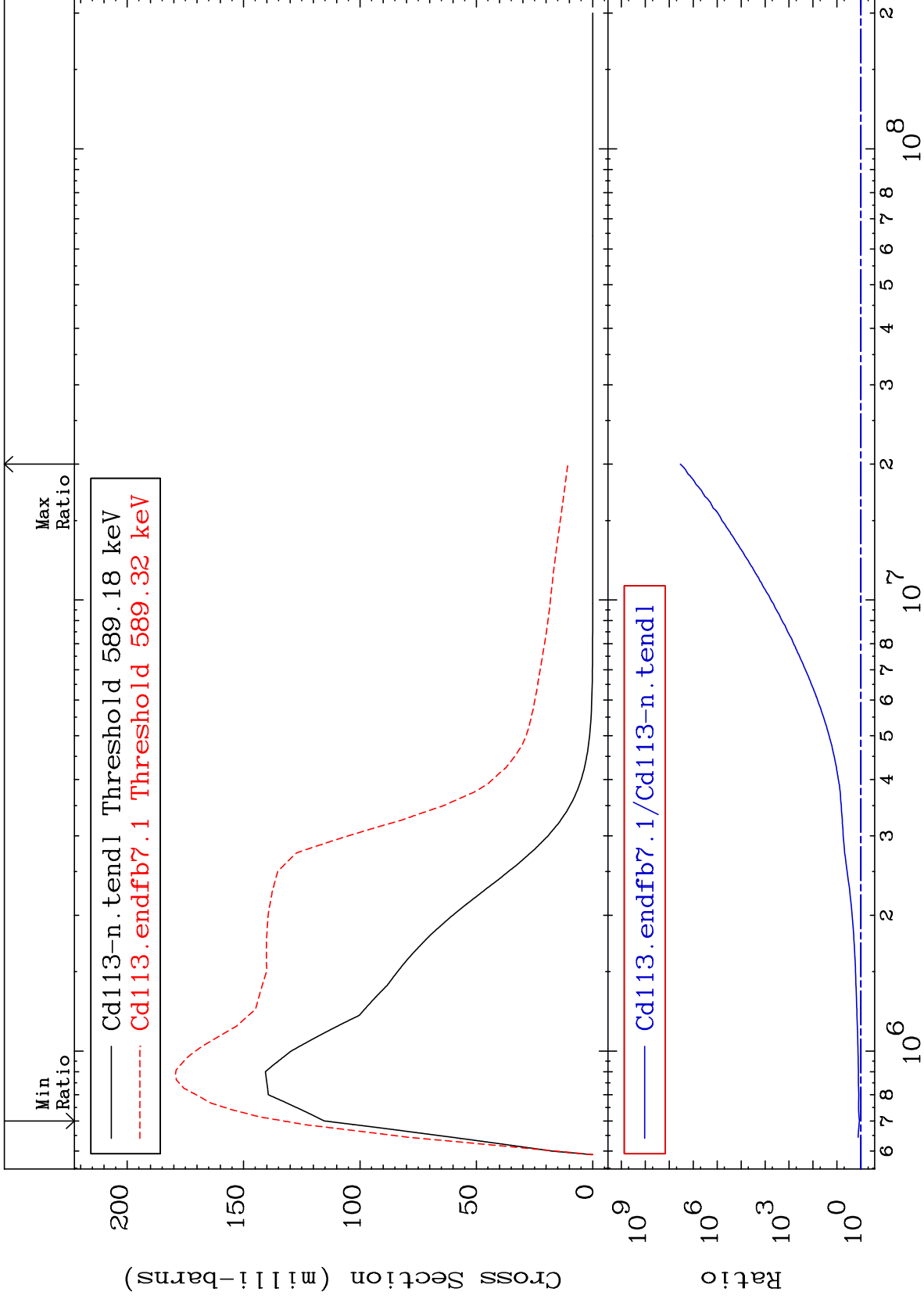
48-Cd-113
15.56 To 9999. %



MAT 4846

584.0 keV (n,n') Level
Cross Section

48-Cd-113
15.22 To 9999. %



14

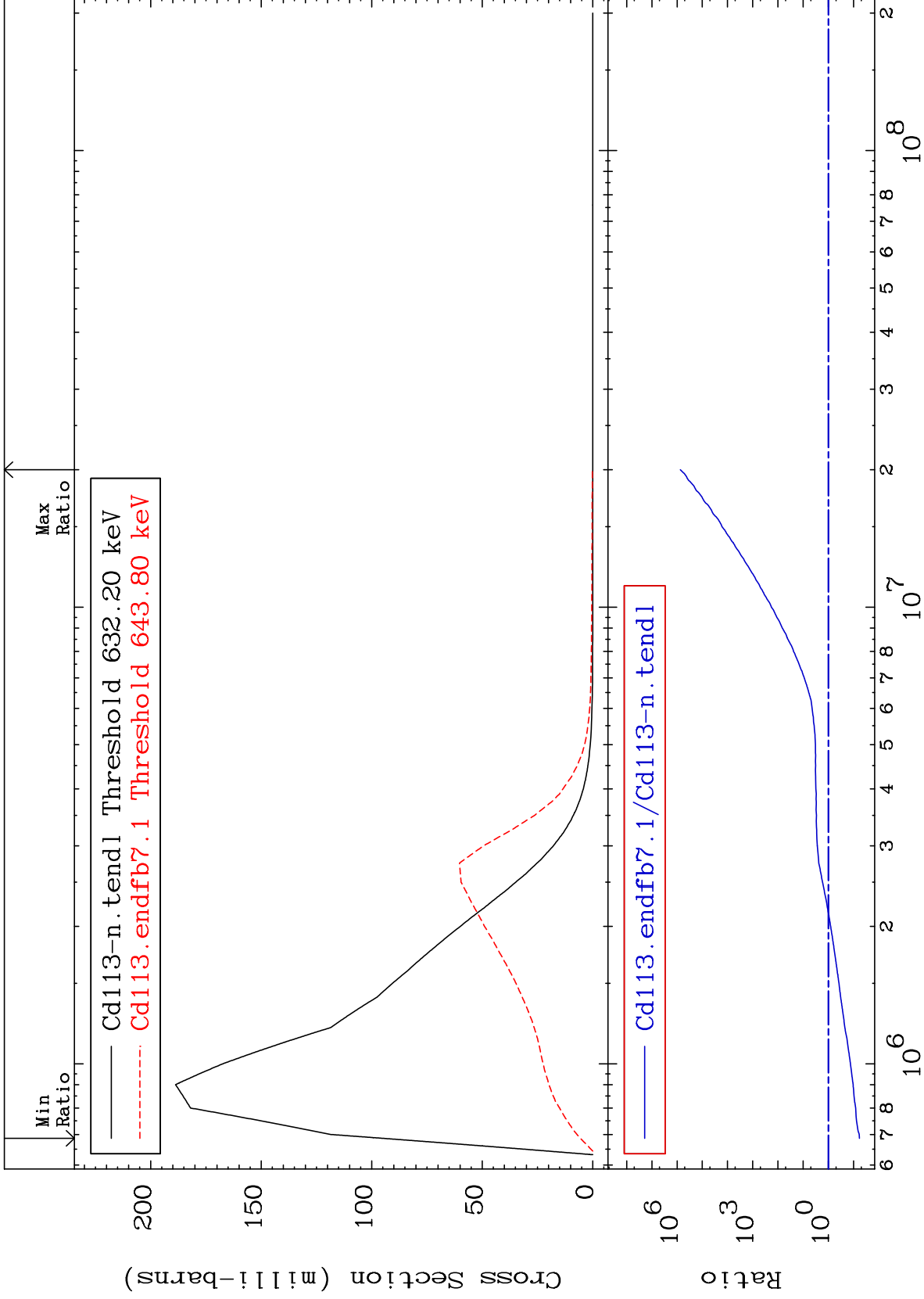
Incident Energy (eV)

48-Cd-113

MAT 4846

626.6 keV (n,n') Level
Cross Section

48-Cd-113
-94.11 To 9999. %



15

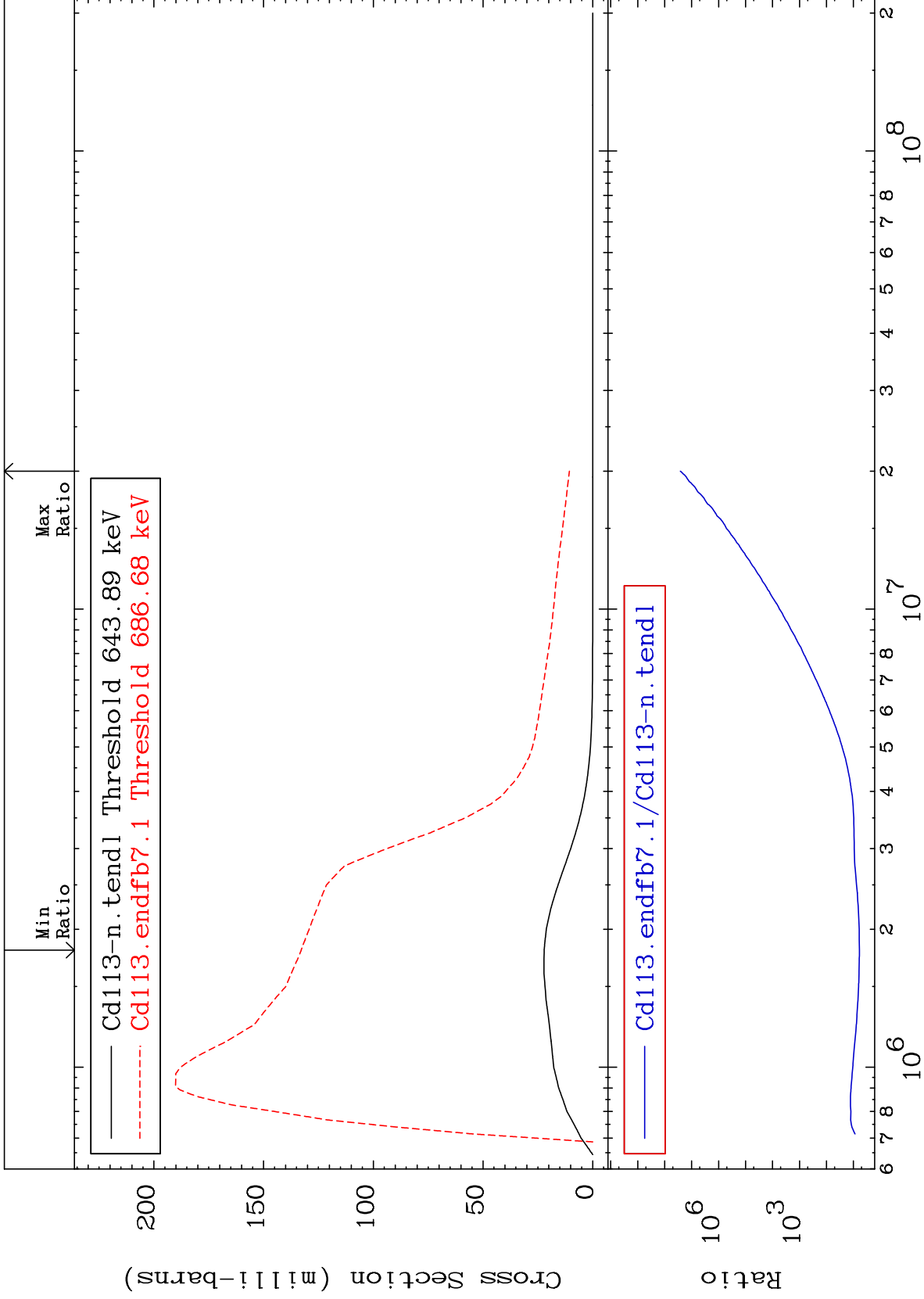
Incident Energy (eV)

48-Cd-113

MAT 4846

638.2 keV (n,n') Level
Cross Section

48-Cd-113
499.8 To 9999. %

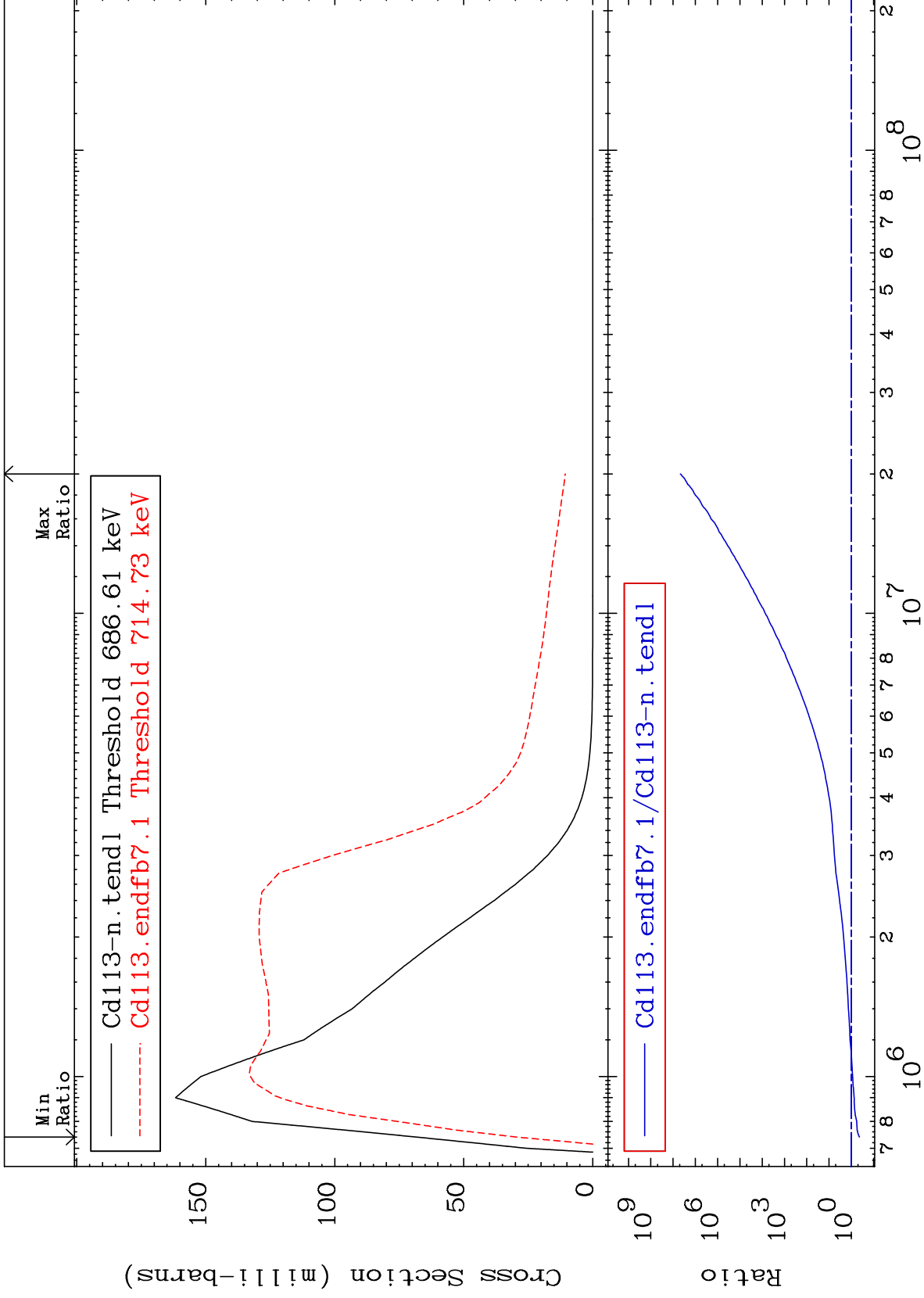


16

MAT 4846

680.5 keV (n,n') Level
Cross Section

48-Cd-113
-56.68 To 9999. %



17

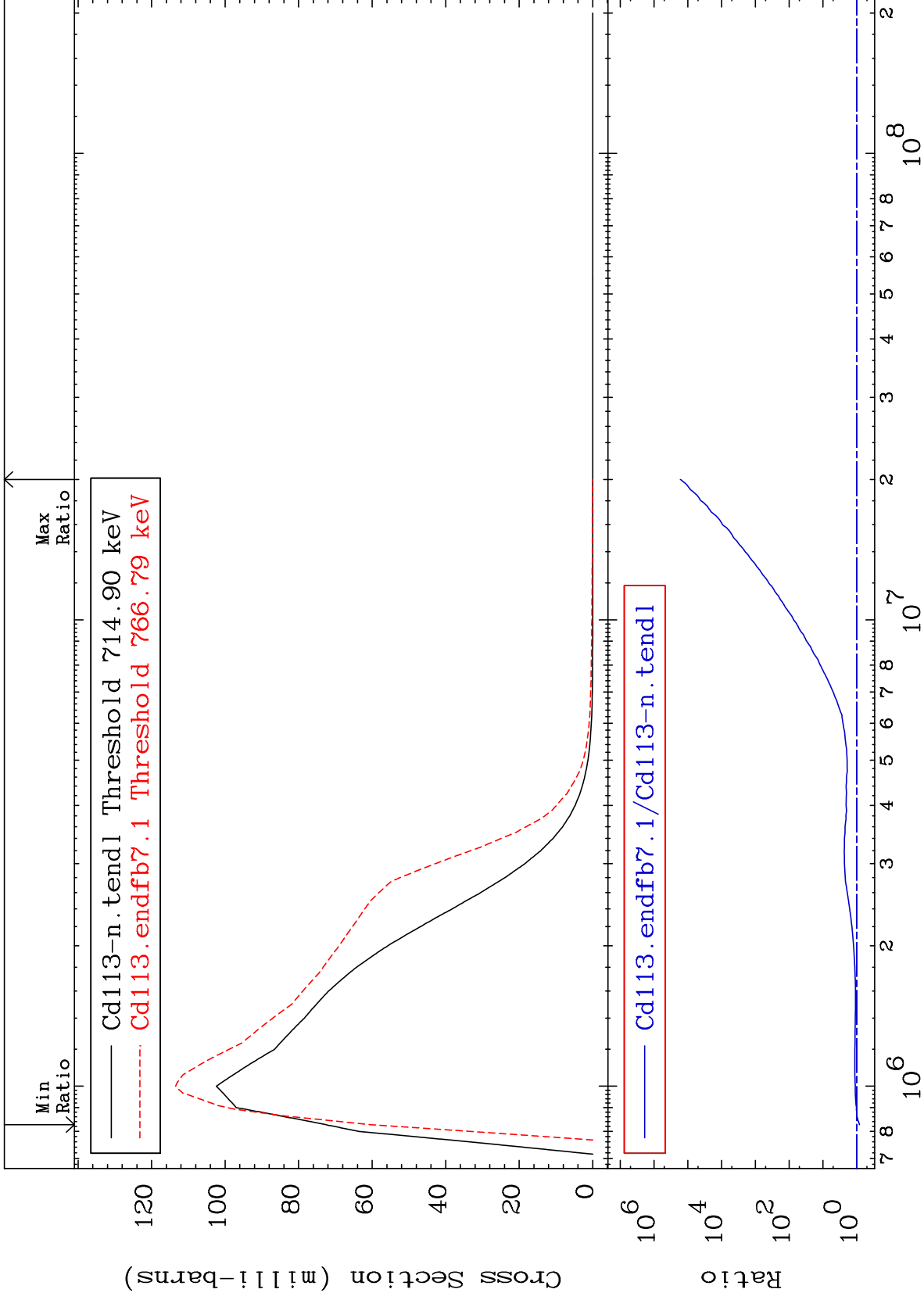
Incident Energy (eV)

48-Cd-113

MAT 4846

708.6 keV (n,n') Level
Cross Section

48-Cd-113
-16.57 To 9999. %



18

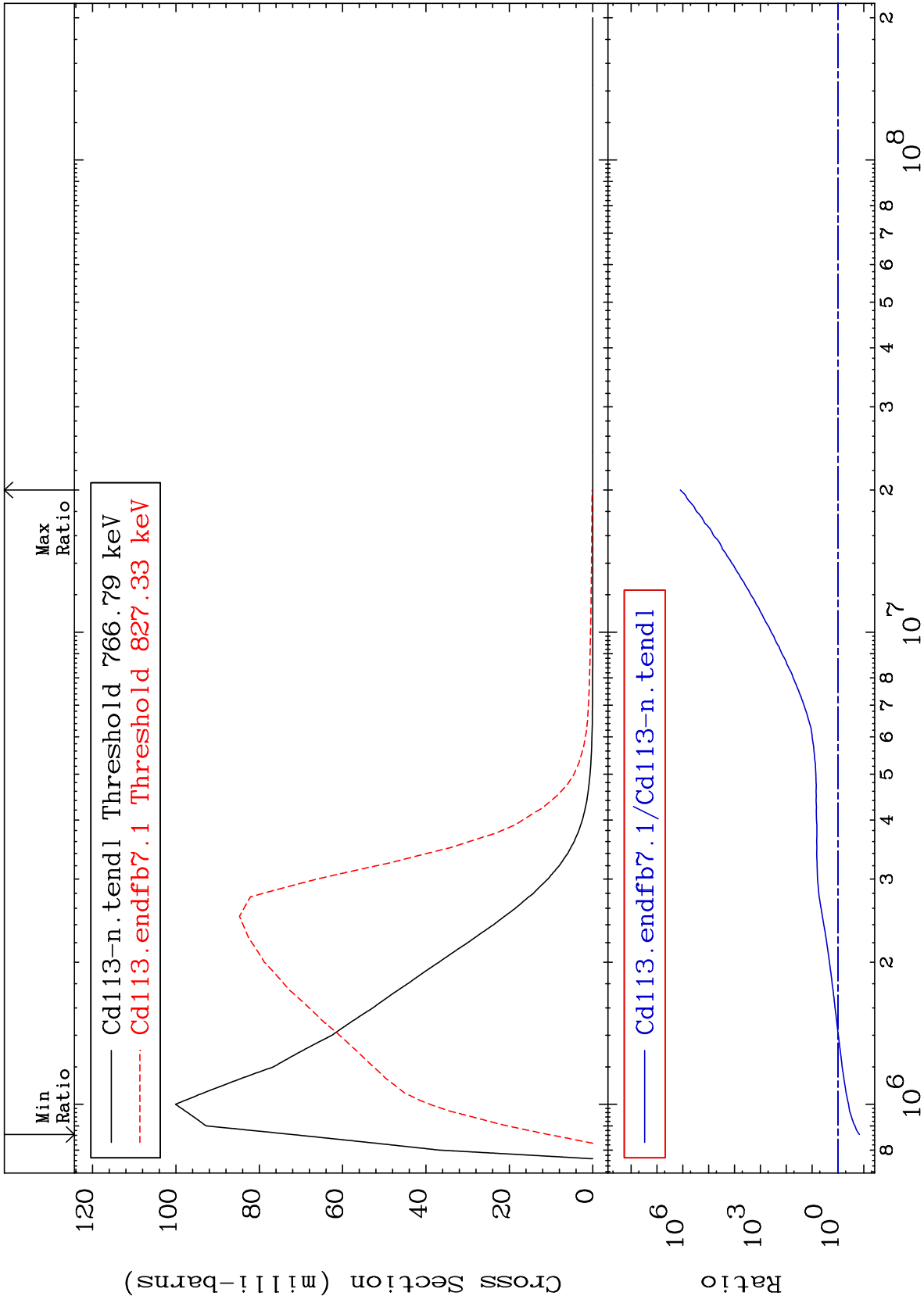
Incident Energy (eV)

48-Cd-113

MAT 4846

760.0 keV (n,n') Level
Cross Section

48-Cd-113
-85.23 To 9999. %



19

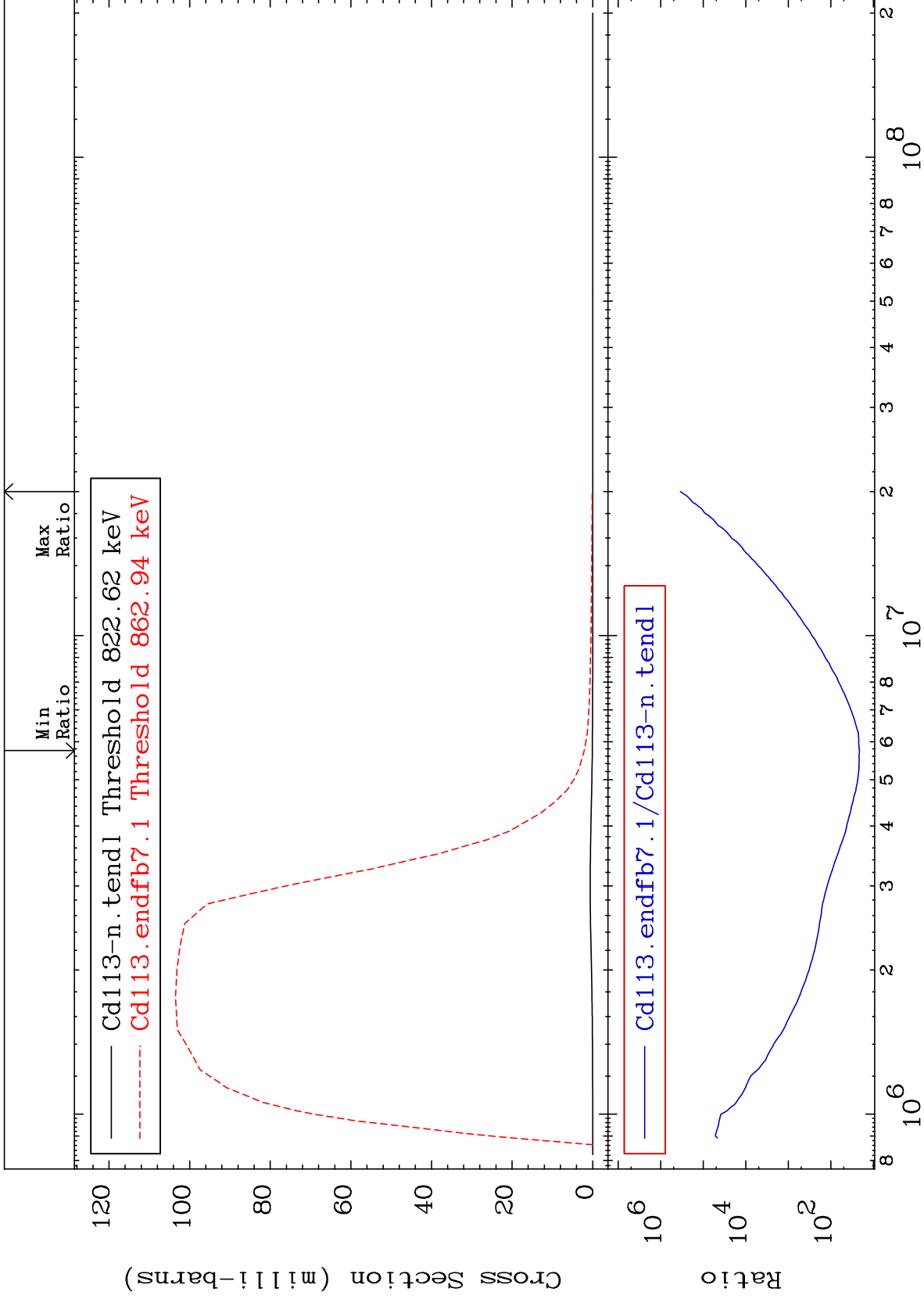
Incident Energy (eV)

48-Cd-113

MAT 4846

815.3 keV (n,n') Level
Cross Section

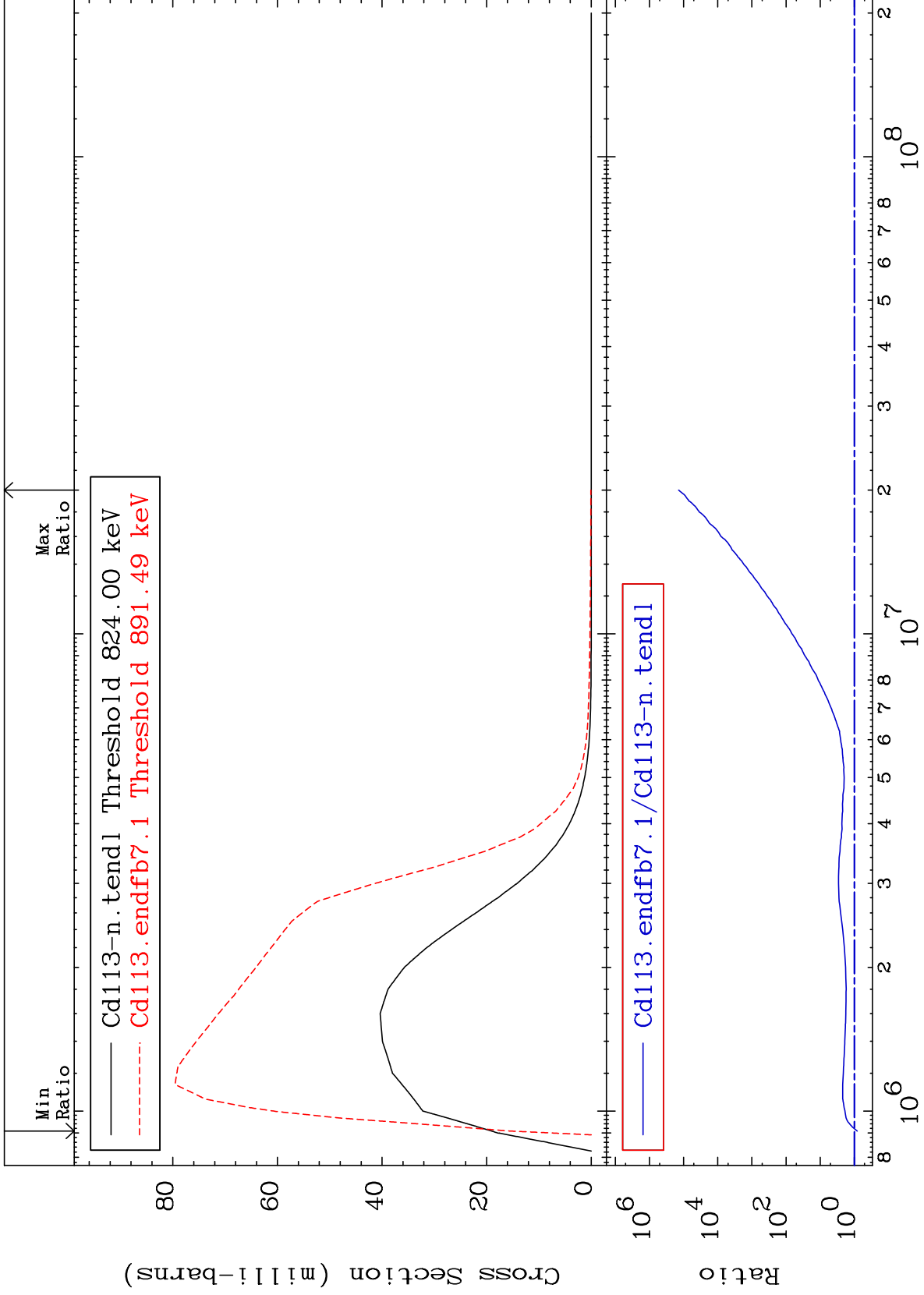
48-Cd-113
2036. To 9999. %



MAT 4846

816.7 keV (n,n') Level
Cross Section

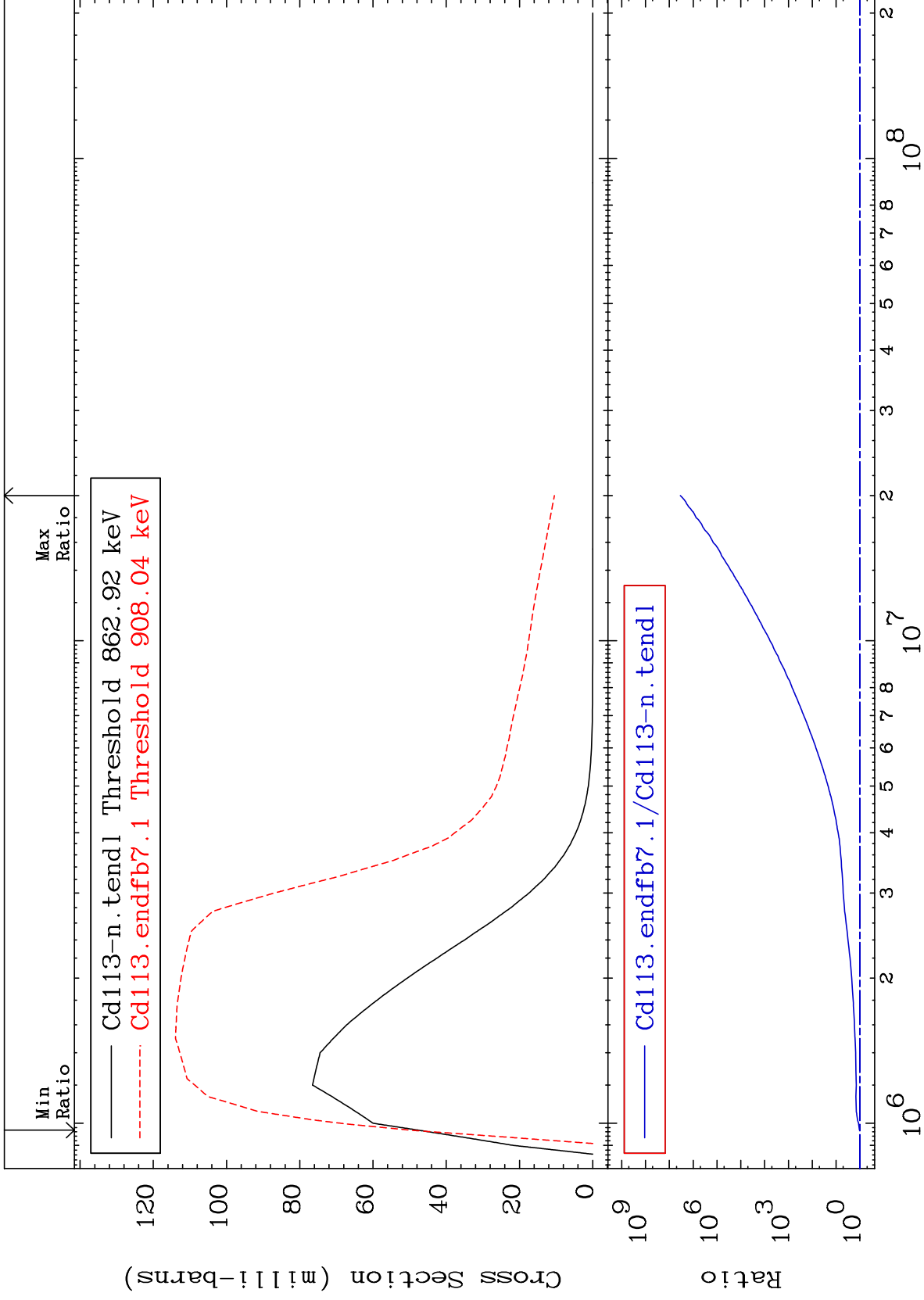
48-Cd-113
-18.02 To 9999. %



MAT 4846

855.3 keV (n,n') Level
Cross Section

4.826 To 9999. %
48-Cd-113



22

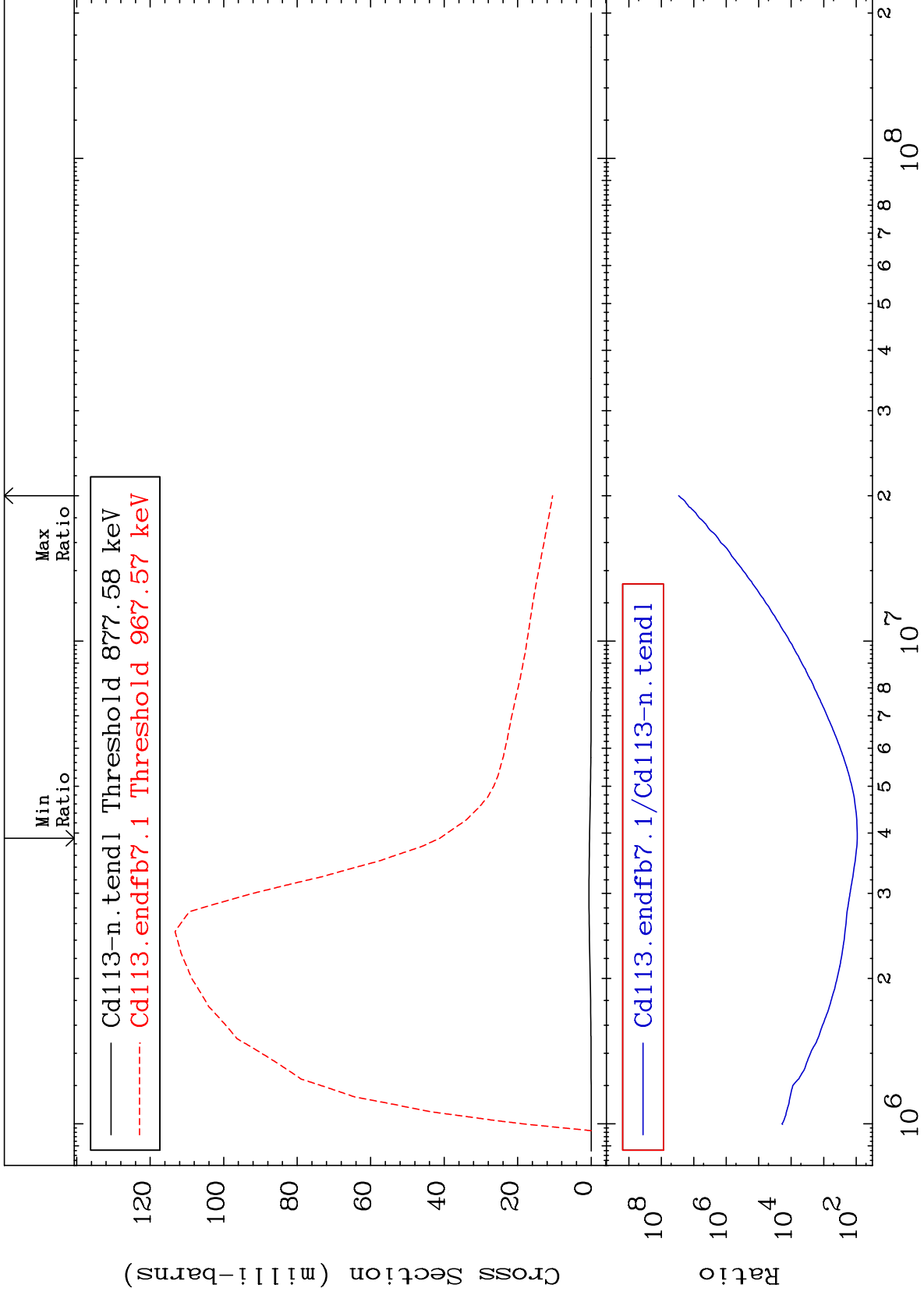
Incident Energy (eV)

48-Cd-113

MAT 4846

869.8 keV (n,n') Level
Cross Section

48-Cd-113
To 9999. %



23

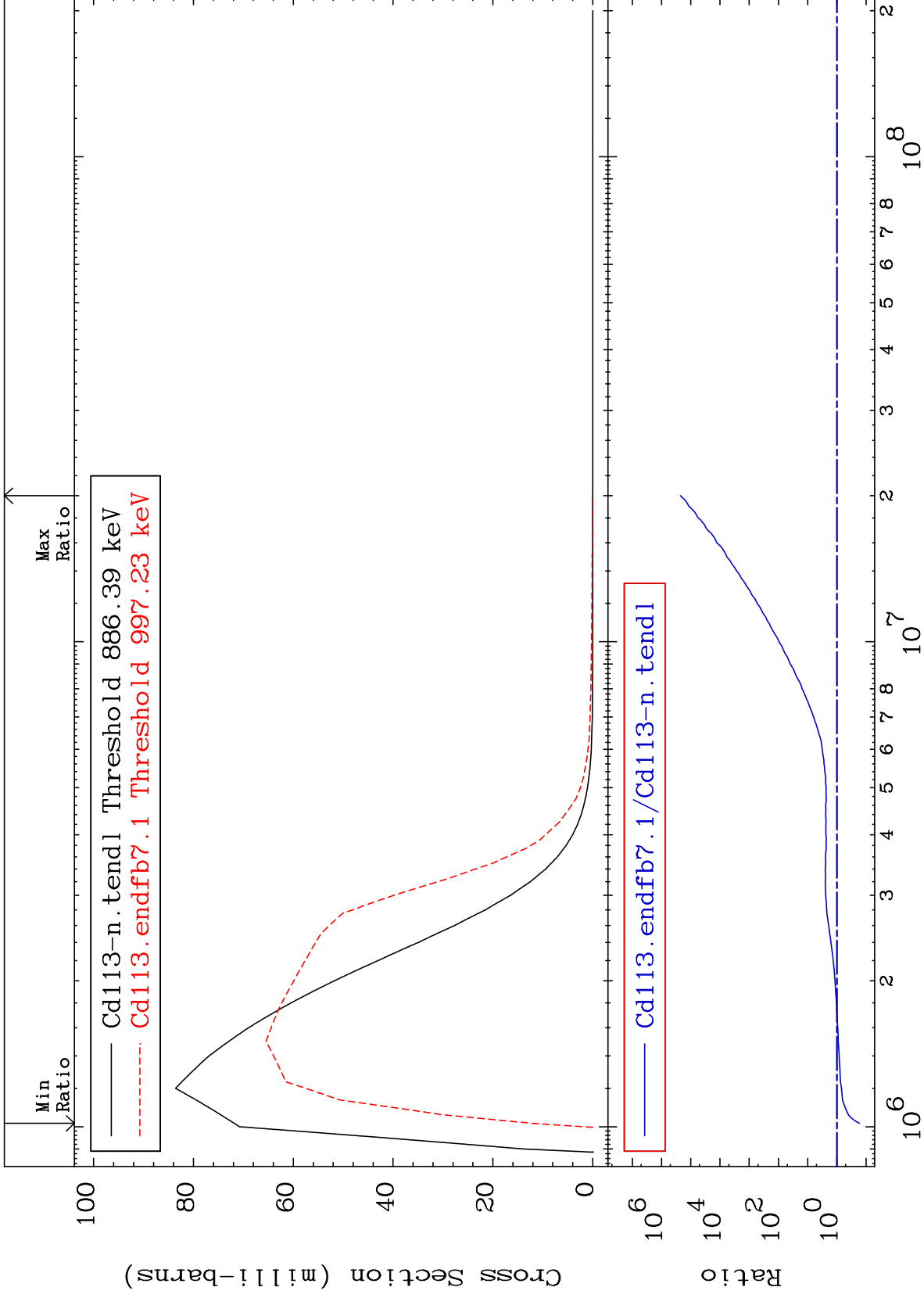
Incident Energy (eV)

48-Cd-113

MAT 4846

878.5 keV (n,n') Level
Cross Section

48-Cd-113
-83.16 To 9999. %



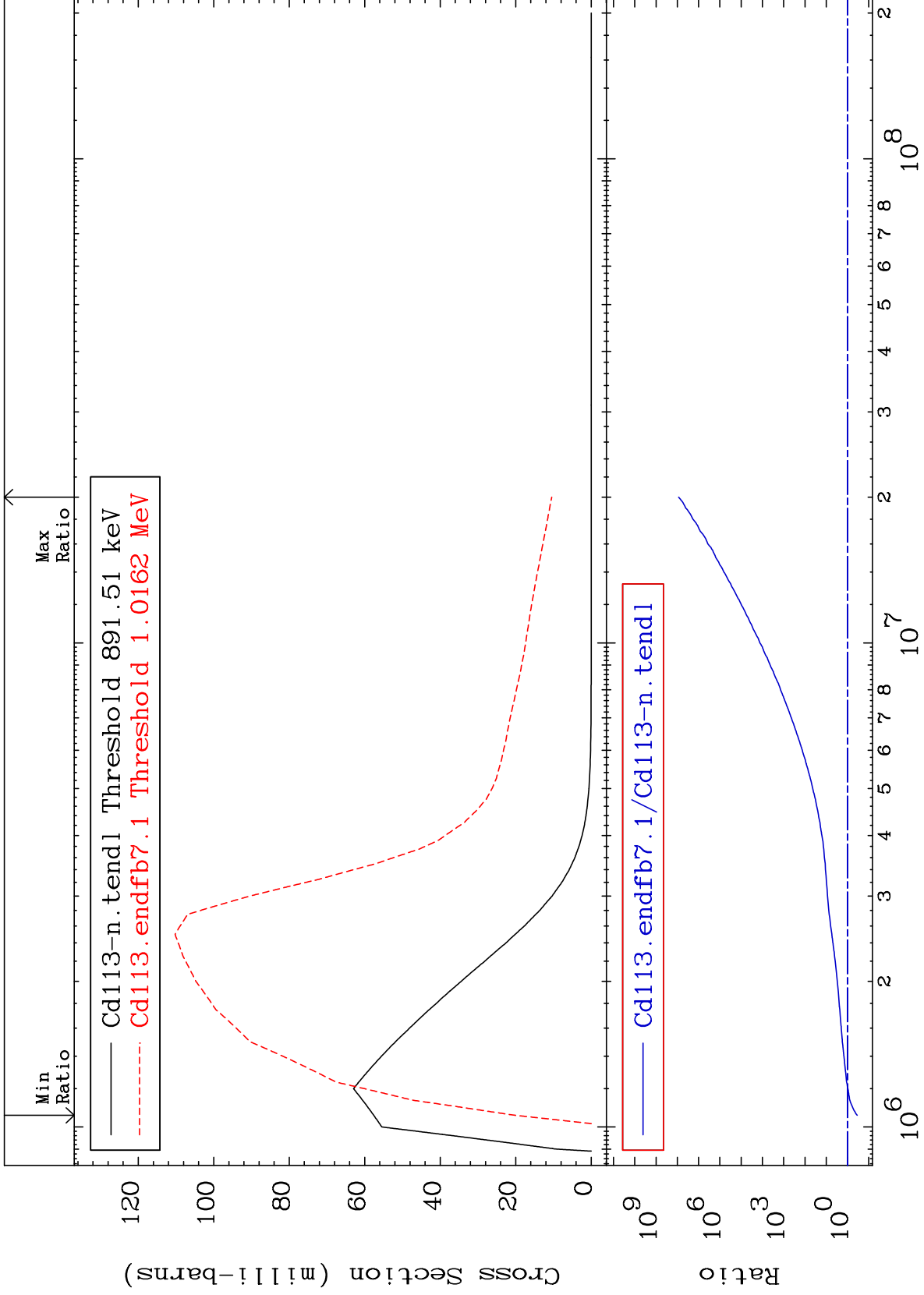
24

48-Cd-113

MAT 4846

883.6 keV (n,n') Level
Cross Section

48-Cd-113
-65.19 To 9999. %



25

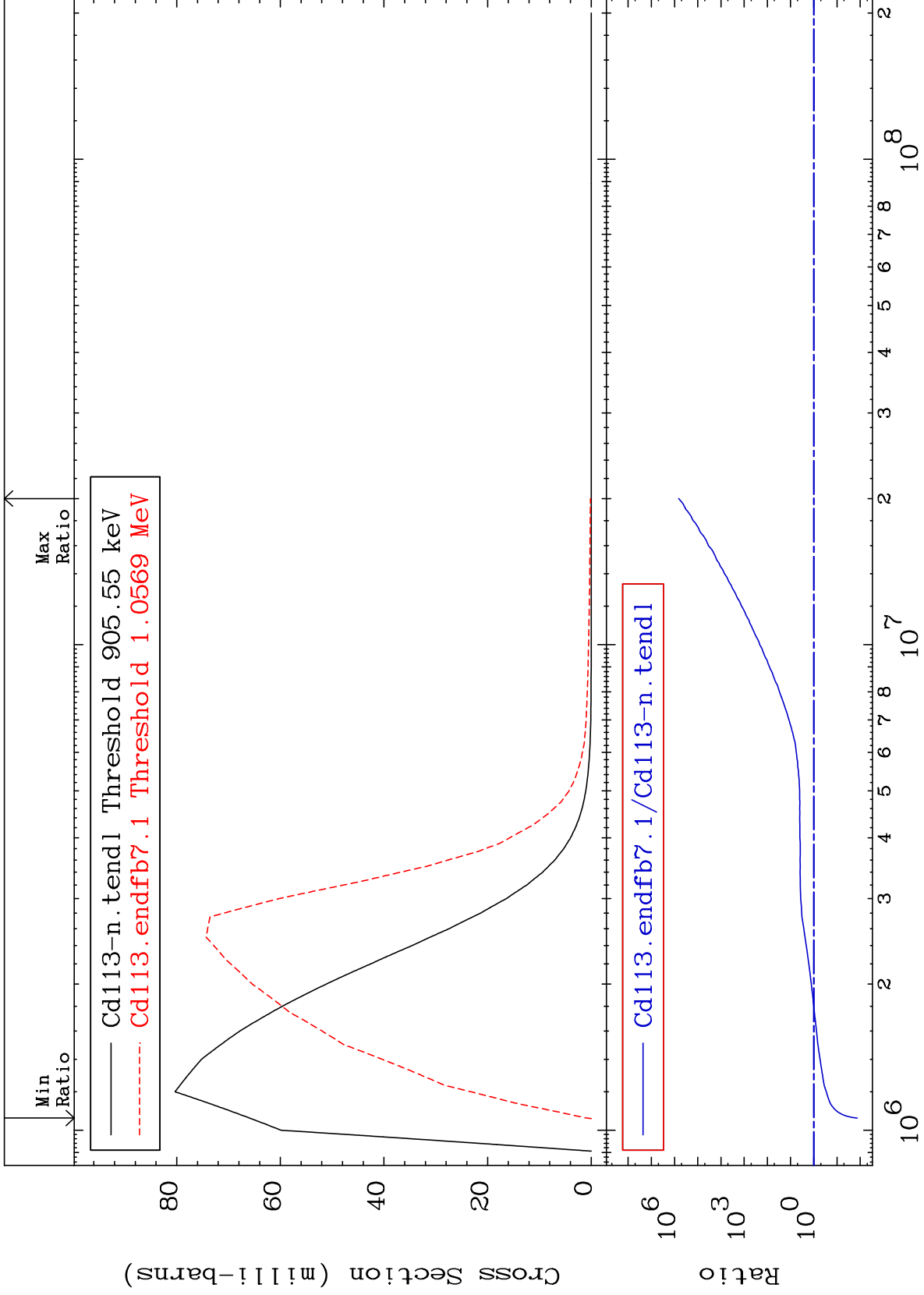
Incident Energy (eV)

48-Cd-113

MAT 4846

897.5 keV (n,n') Level
Cross Section

48-Cd-113
-98.66 To 9999. %



26

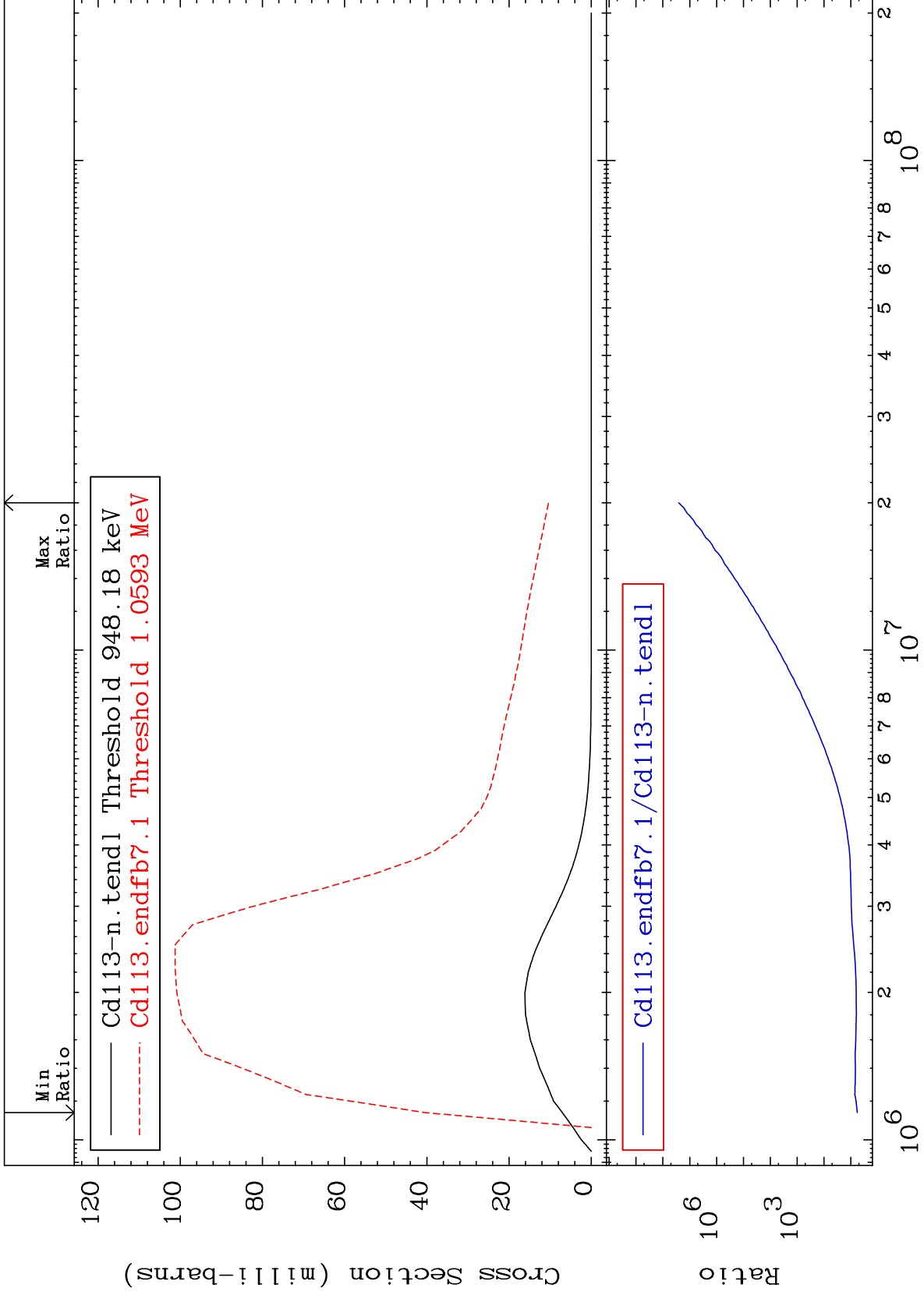
Incident Energy (eV)

48-Cd-113

MAT 4846

939.8 keV (n,n') Level
Cross Section

475.8 To 9999. %
48-Cd-113



27

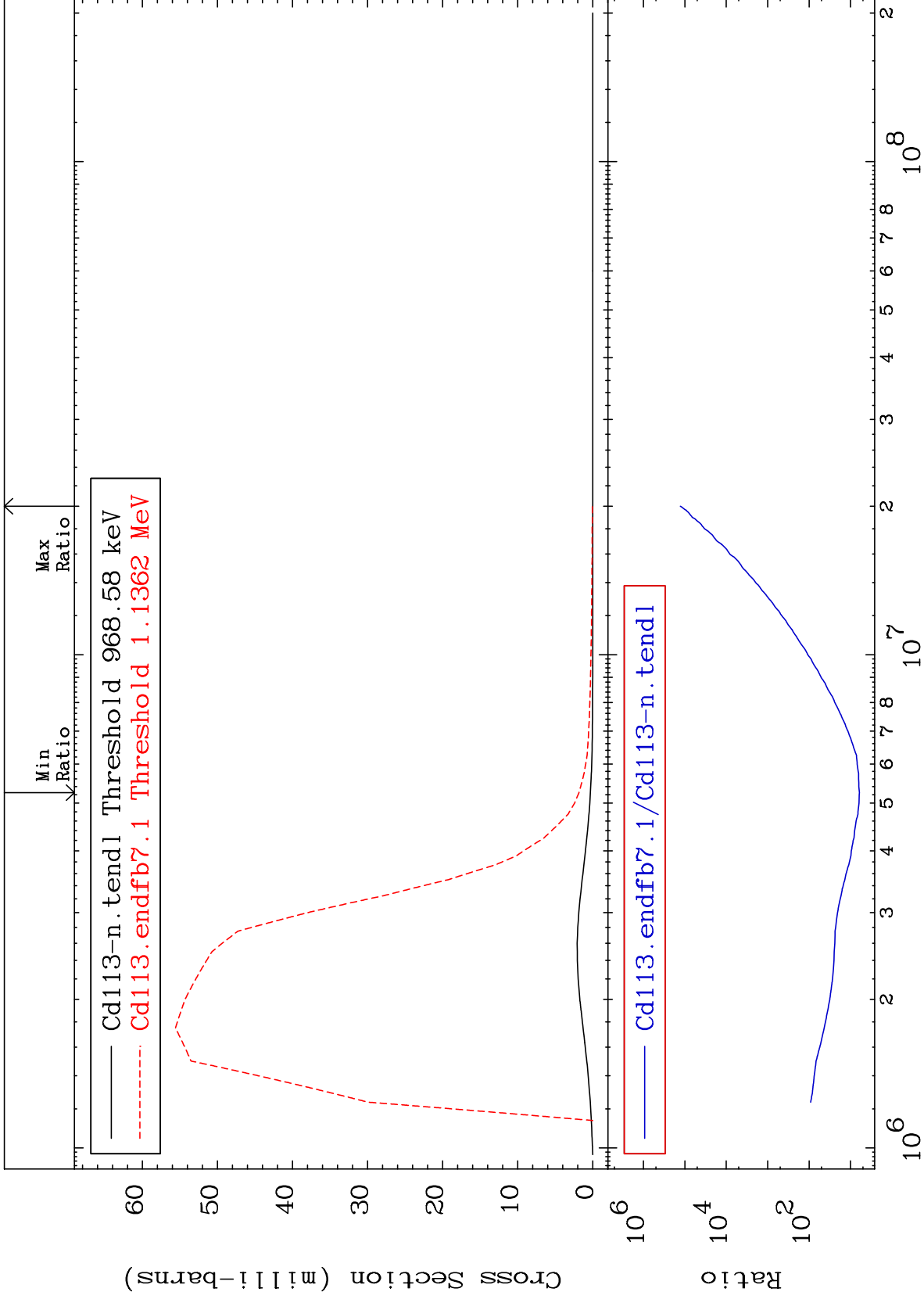
Incident Energy (eV)

48-Cd-113

MAT 4846

960.0 keV (n,n') Level
Cross Section

48-Cd-113
508.7 To 9999. %



28

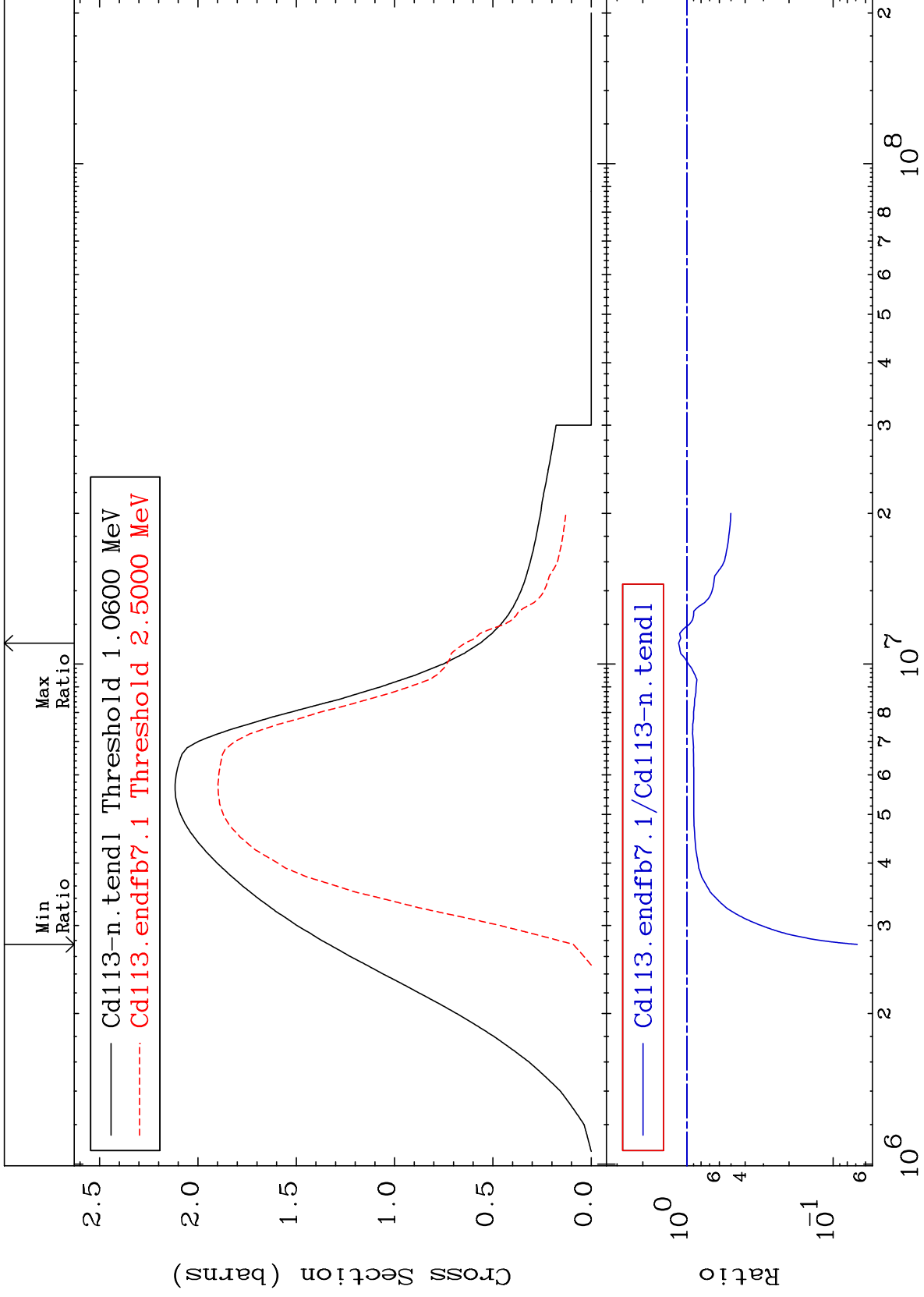
Incident Energy (eV)

48-Cd-113

MAT 4846

(n, n') Continuum
Cross Section

48-Cd-113
-93.16 To 13.87 %



29

Incident Energy (eV)

48-Cd-113

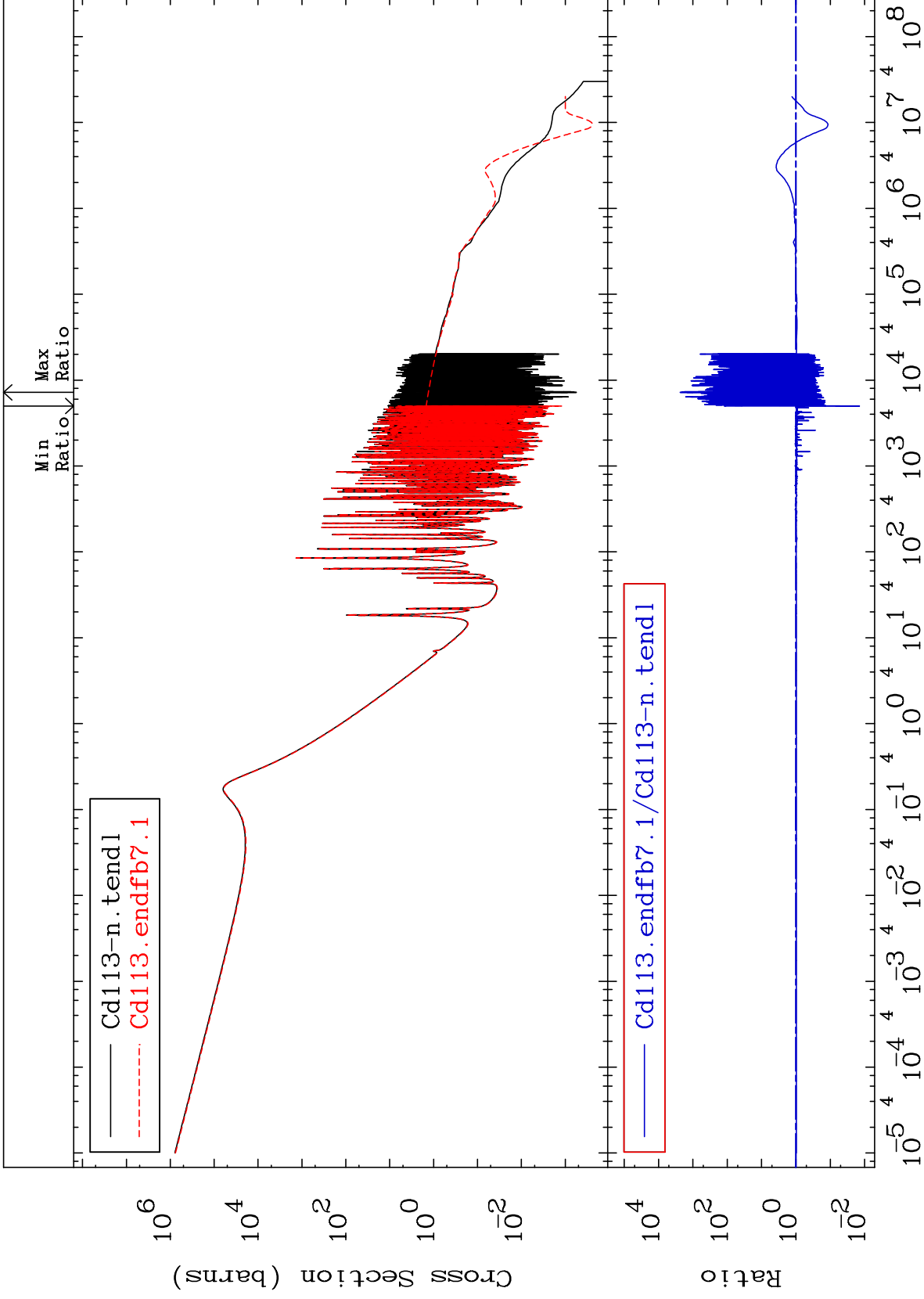
MAT 4846

(n, γ)

48-Cd-113

Cross Section

-98.58 To 9999. %



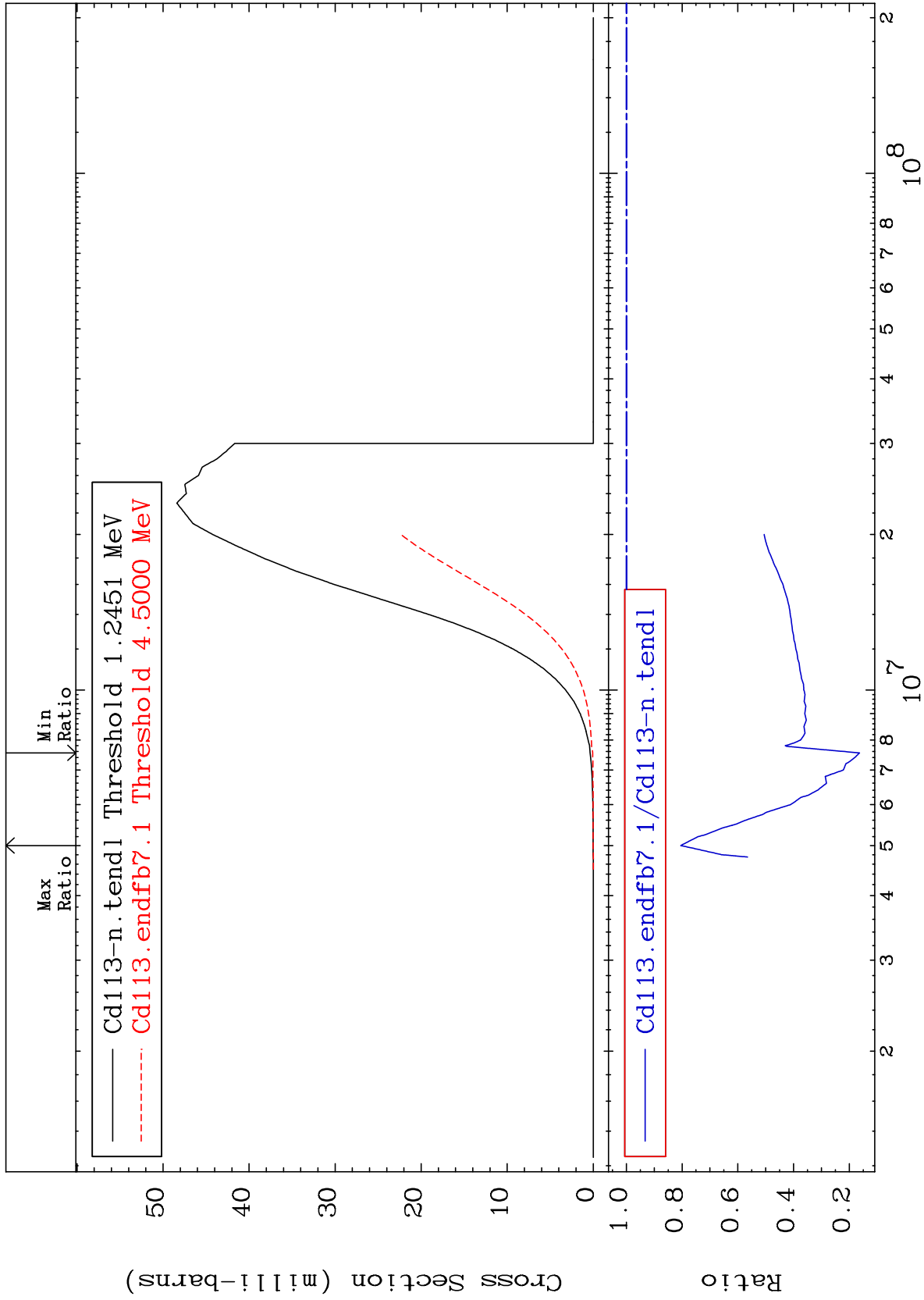
MAT 4846

(n,p)

48-Cd-113

Cross Section

-83.67 To -19.53%



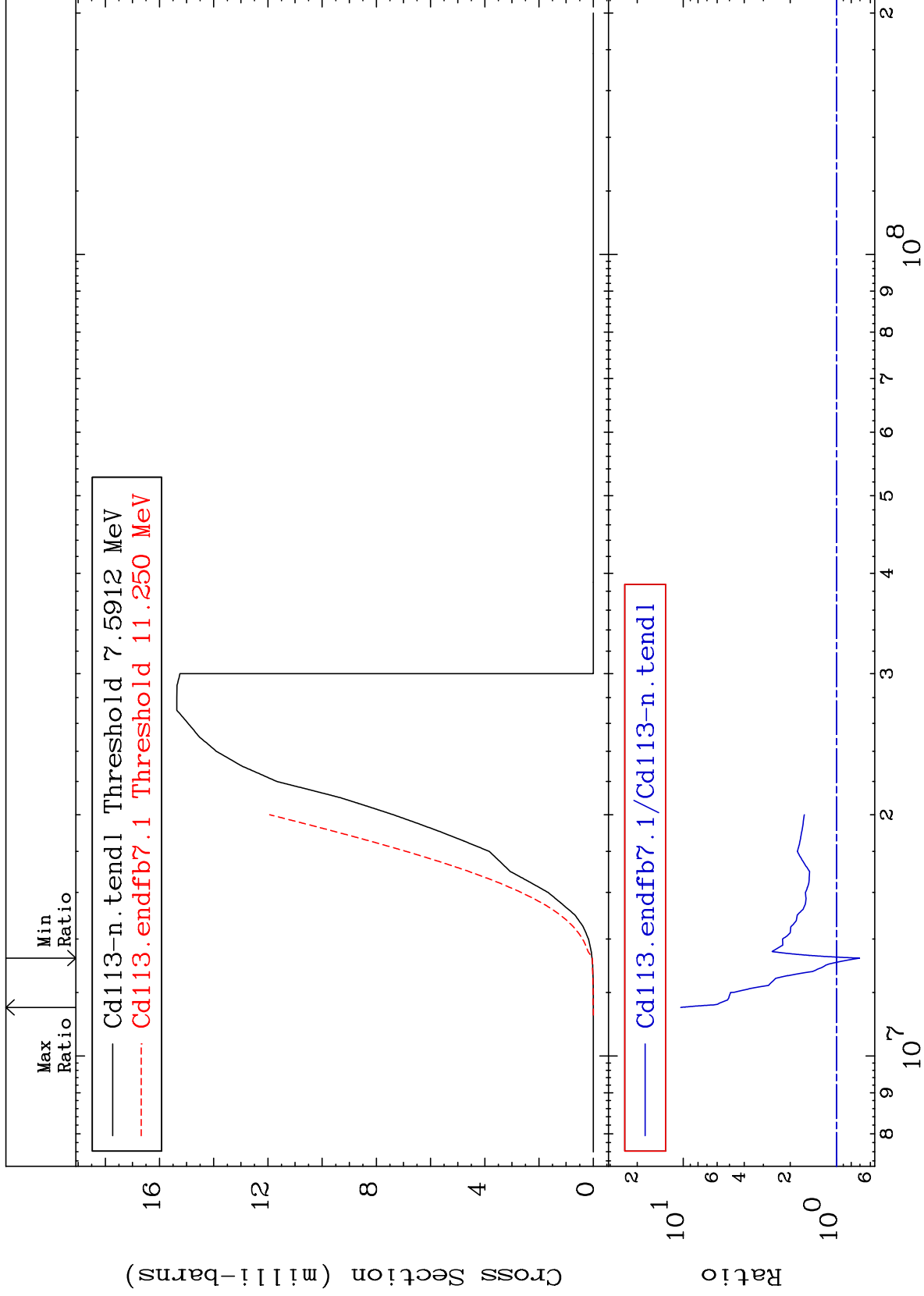
MAT 4846

(n, d)

48-Cd-113

Cross Section

-29.46 To 938.3 %



32

48-Cd-113

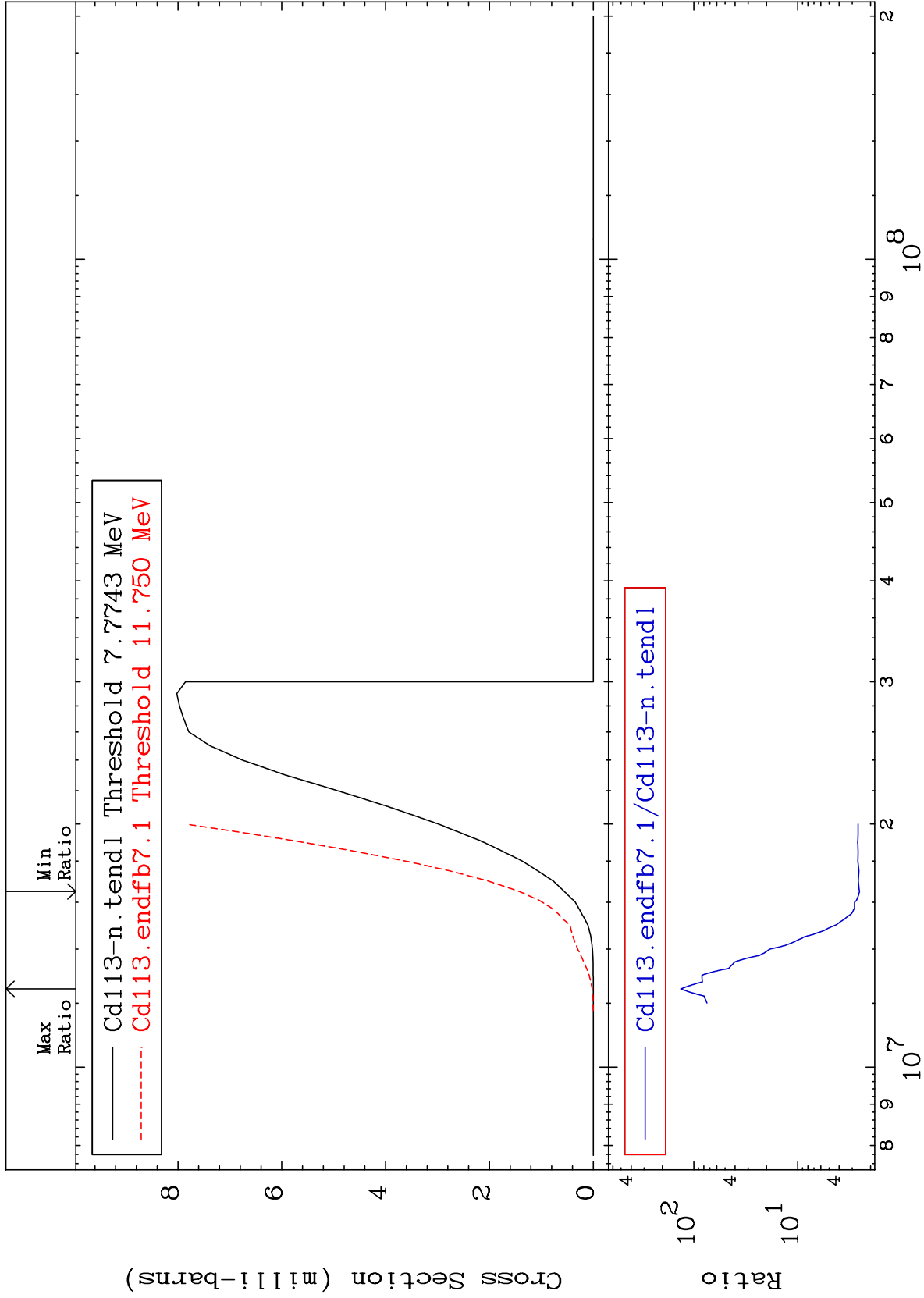
MAT 4846

(n, t)

48-Cd-113

Cross Section

154.9 To 9999. %



33

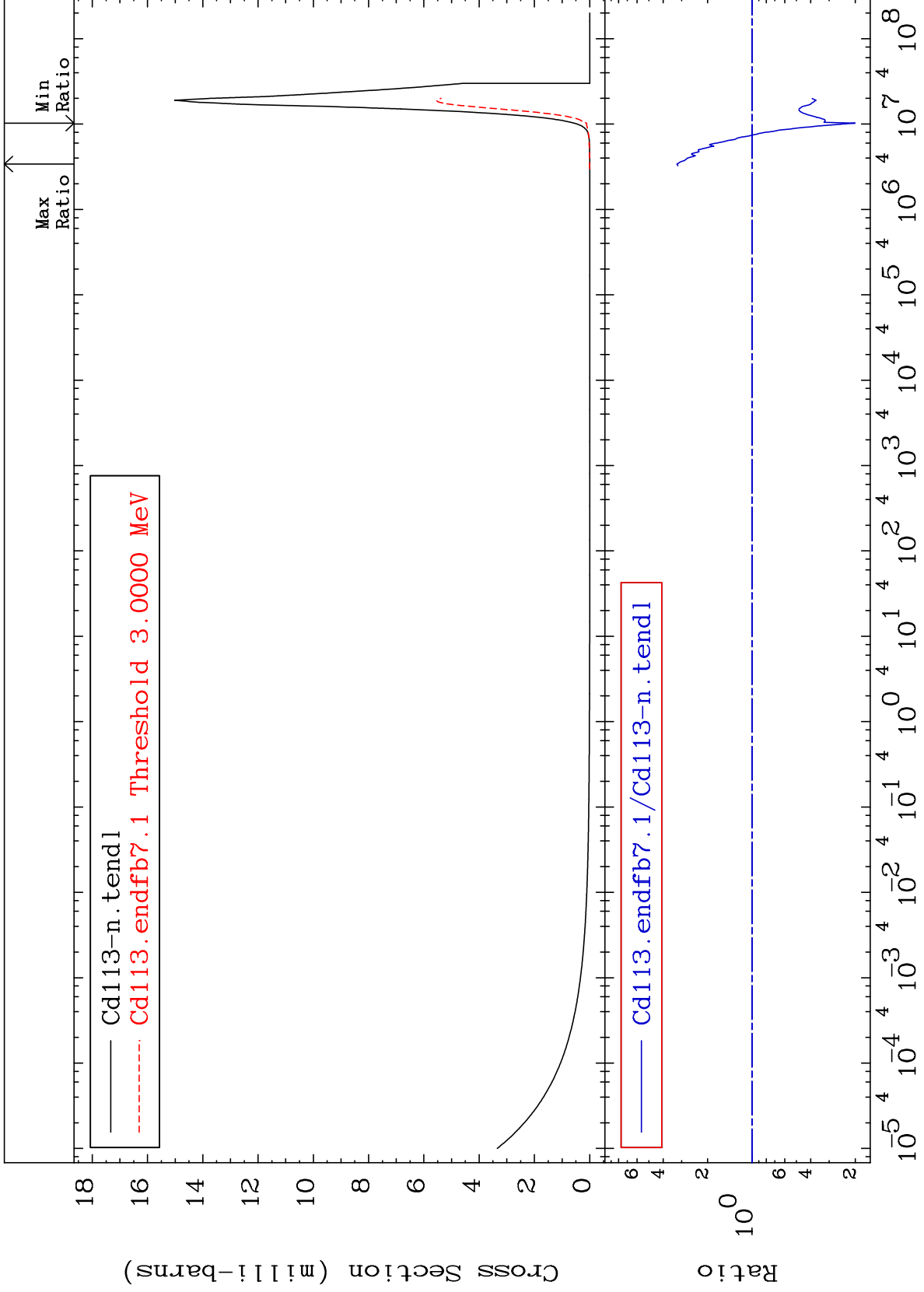
Incident Energy (eV)

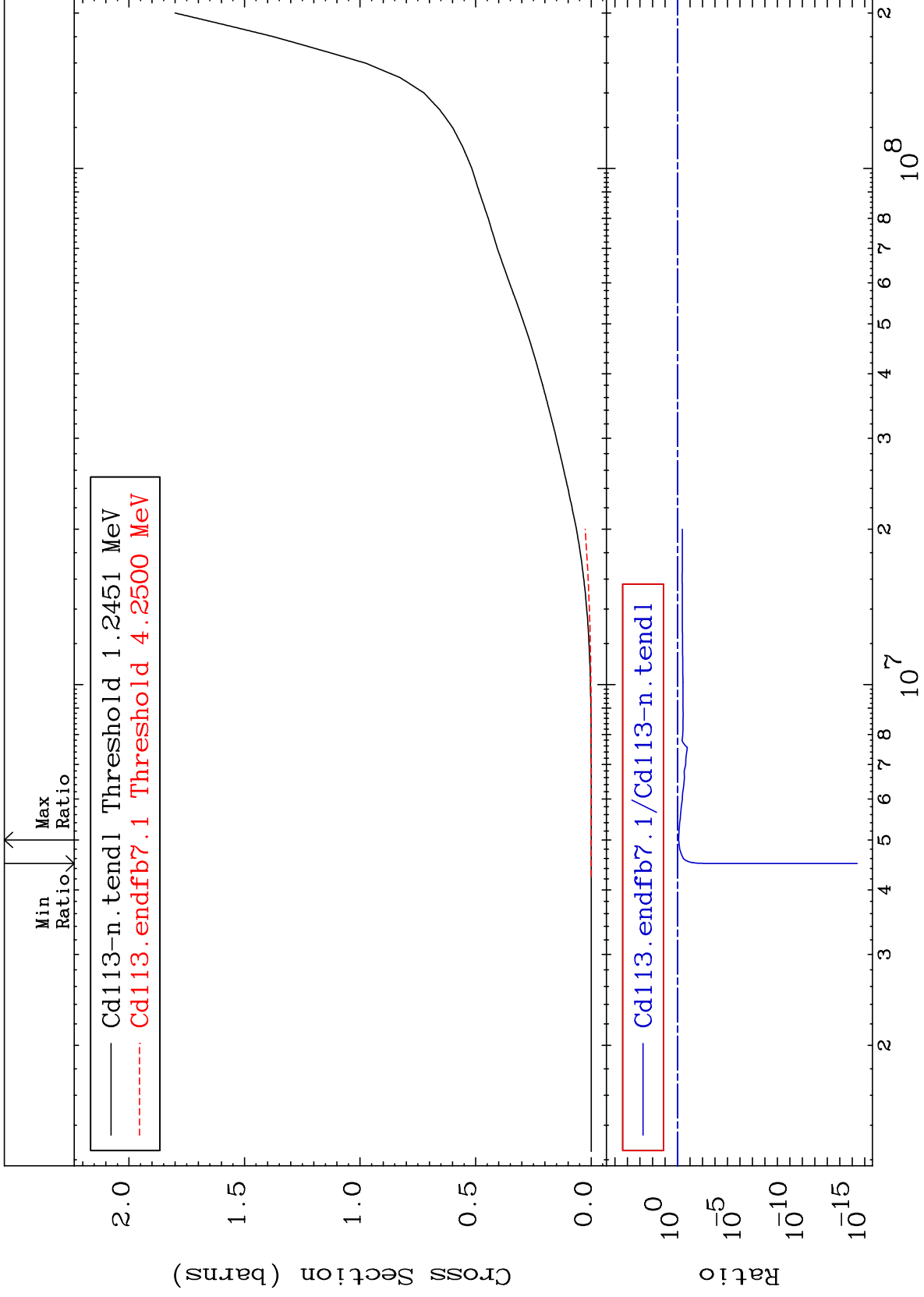
48-Cd-113

MAT 4846

(n, α)
Cross Section

48-Cd-113
-79.96 To 222.5 %

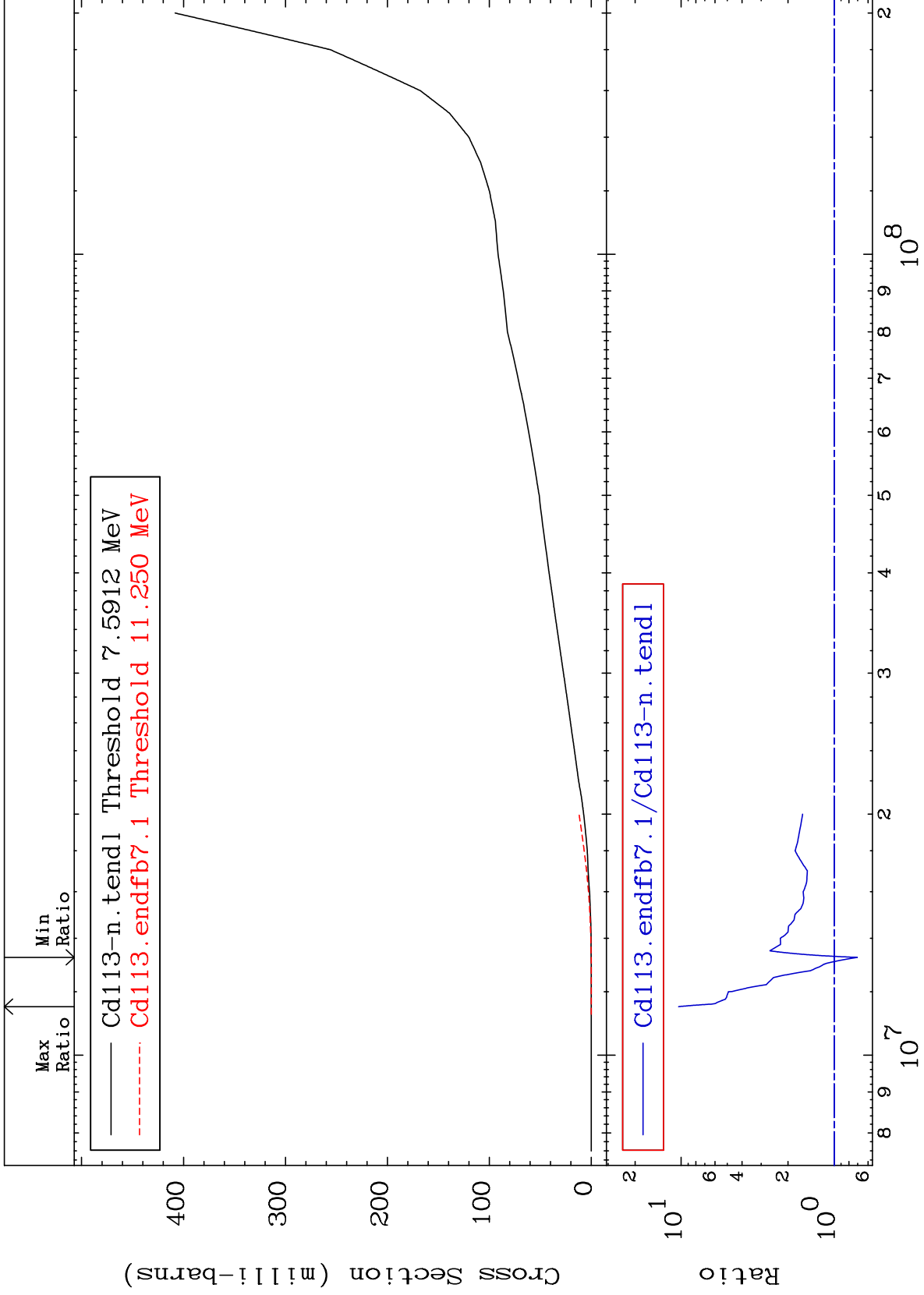




MAT 4846

Deuterium Production
Cross Section

48-Cd-113
-29.46 To 938.3 %



36

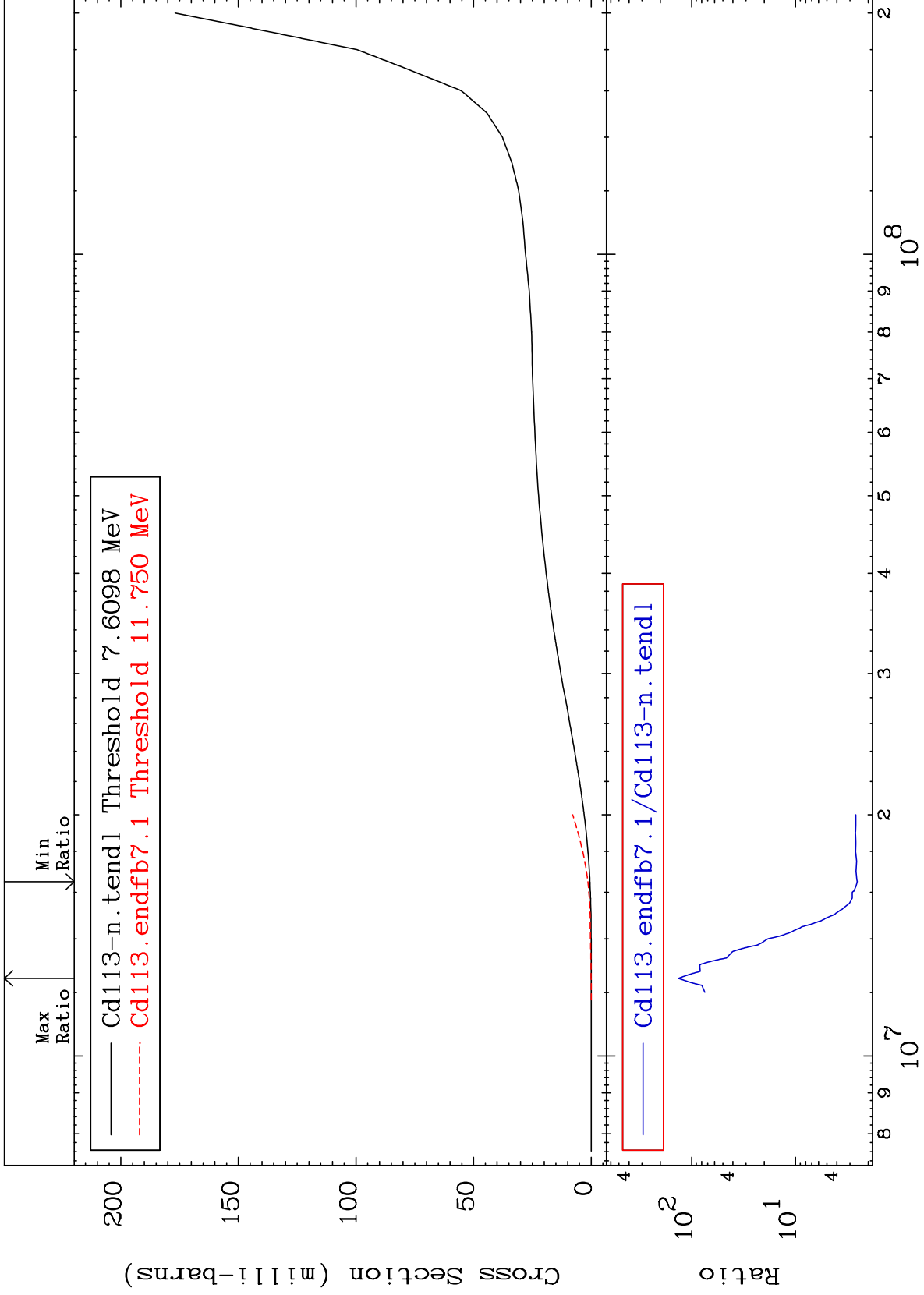
Incident Energy (eV)

48-Cd-113

MAT 4846

Tritium Production
Cross Section

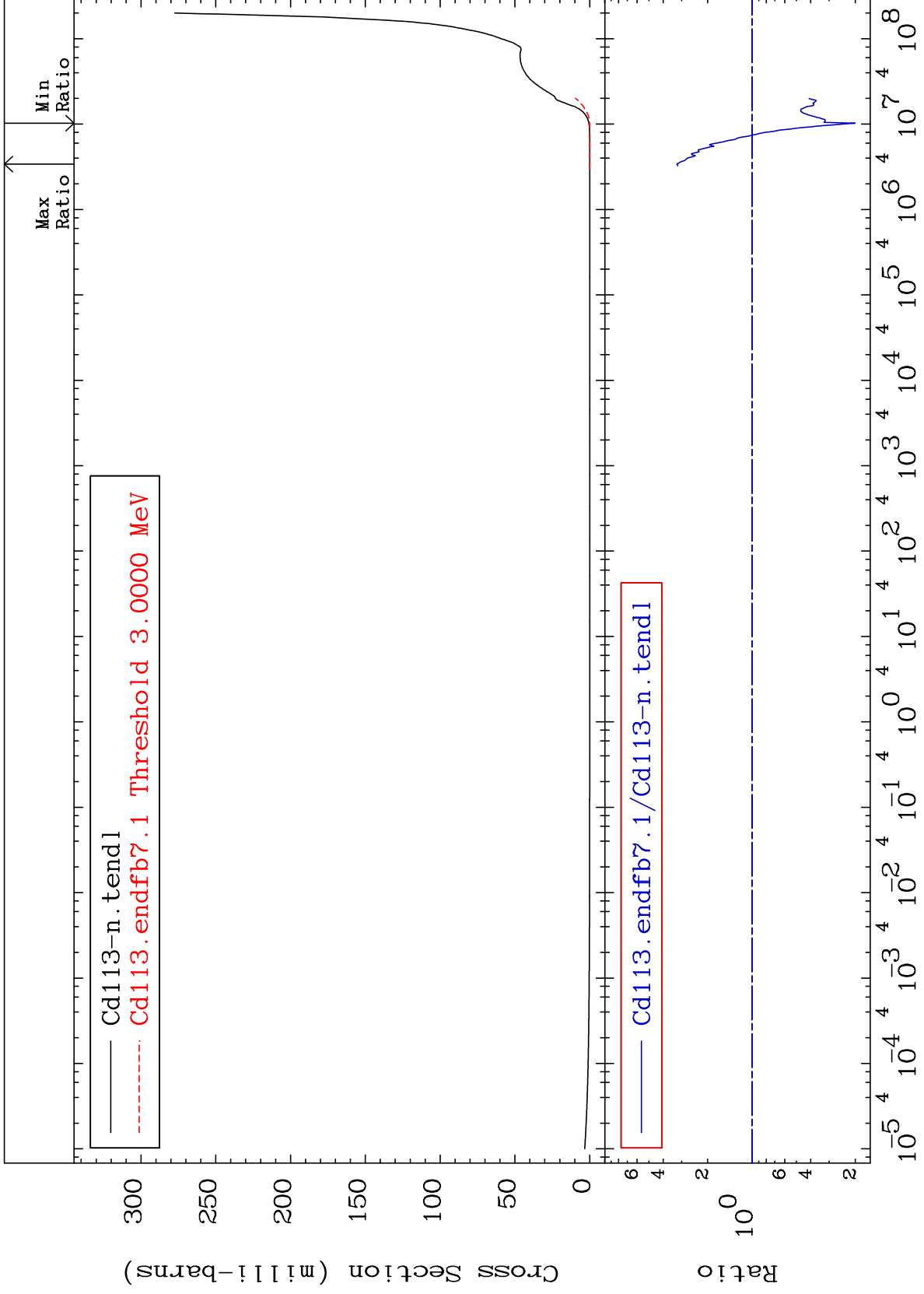
48-Cd-113
154.9 To 9999. %



MAT 4846

He-4 Production
Cross Section

48-Cd-113
-79.96 To 222.5 %



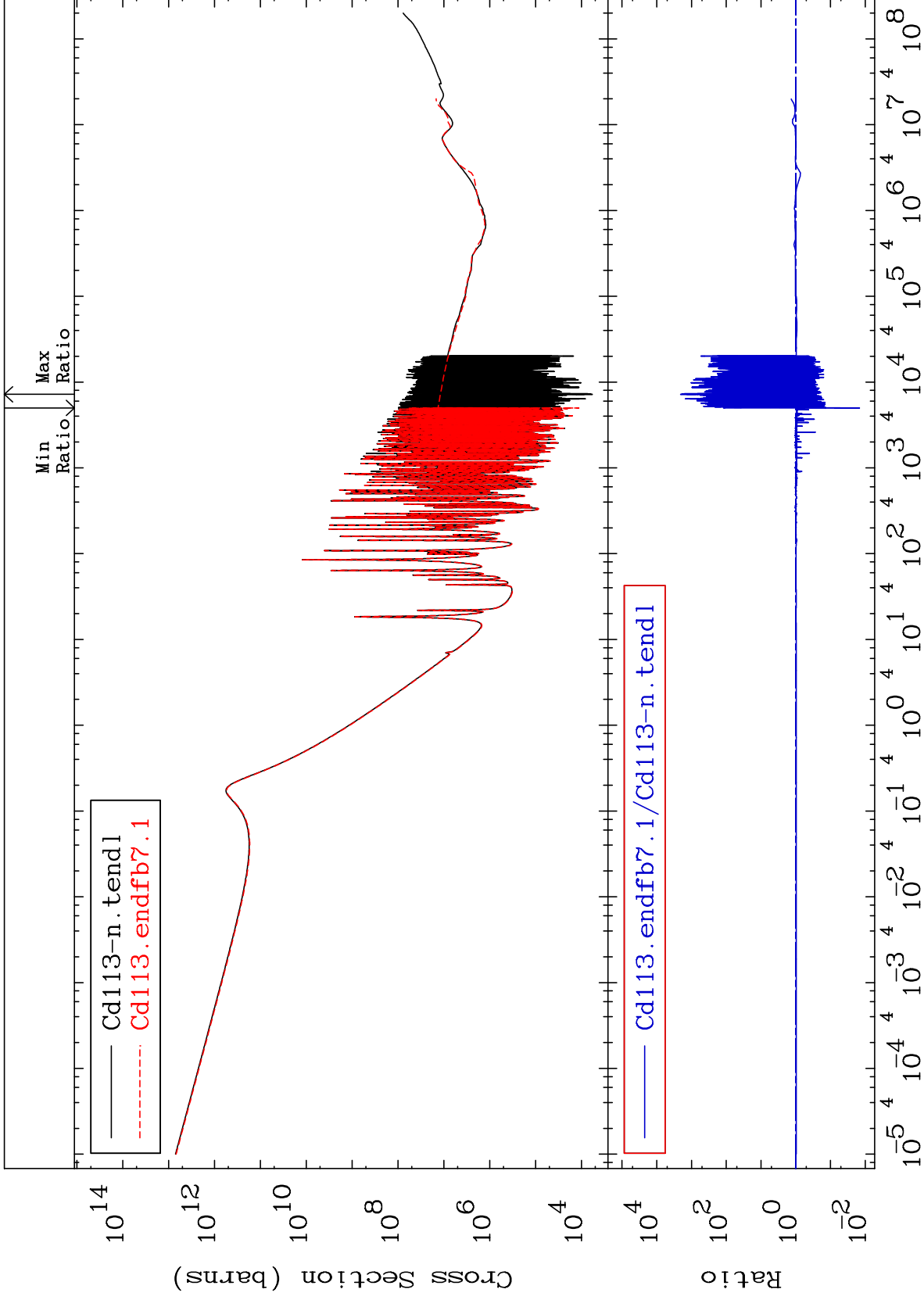
38

Incident Energy (eV)

48-Cd-113

Cross Section

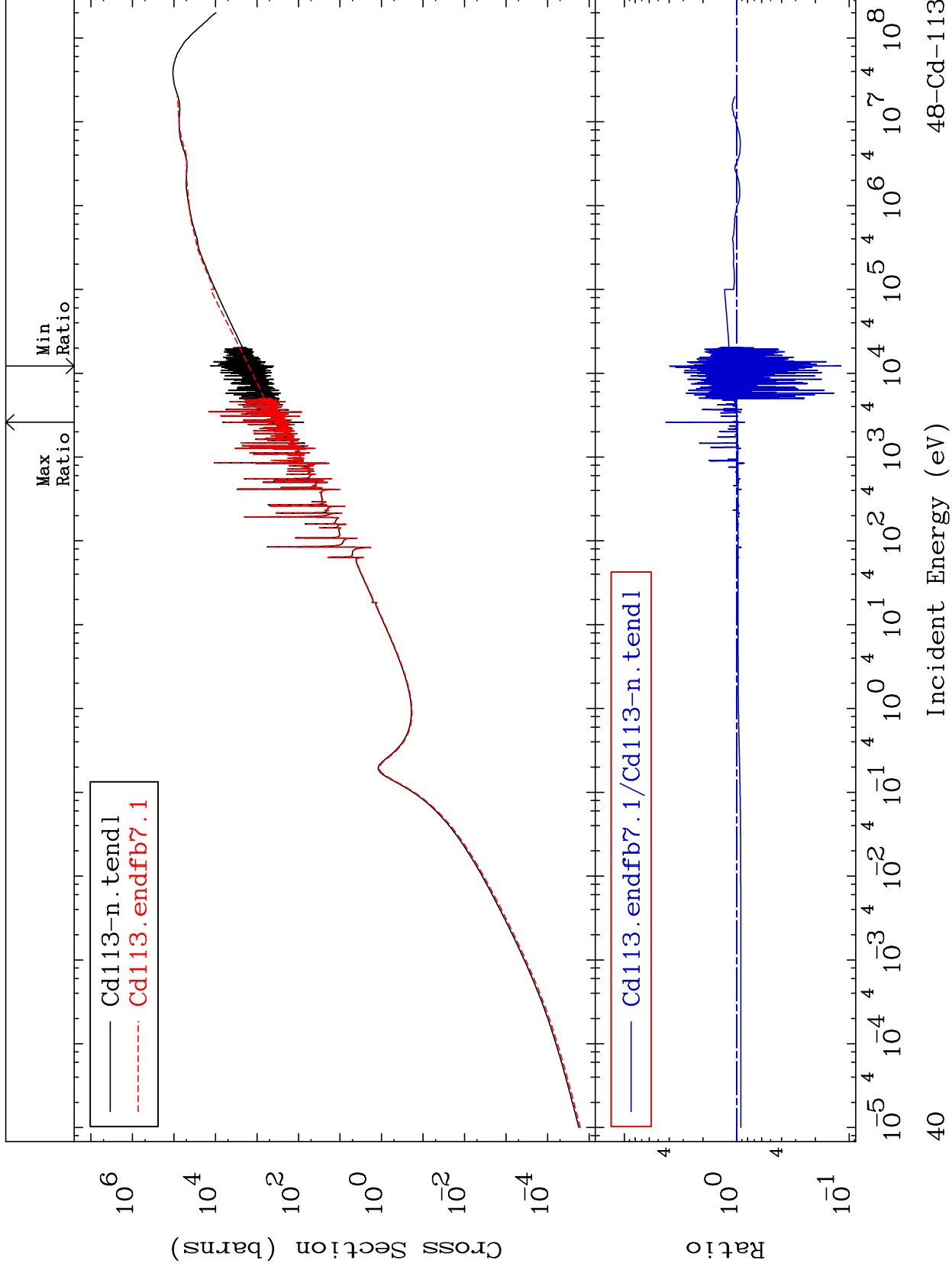
-98.53 To 9999. %



MAT 4846

Kerma elastic
Cross Section

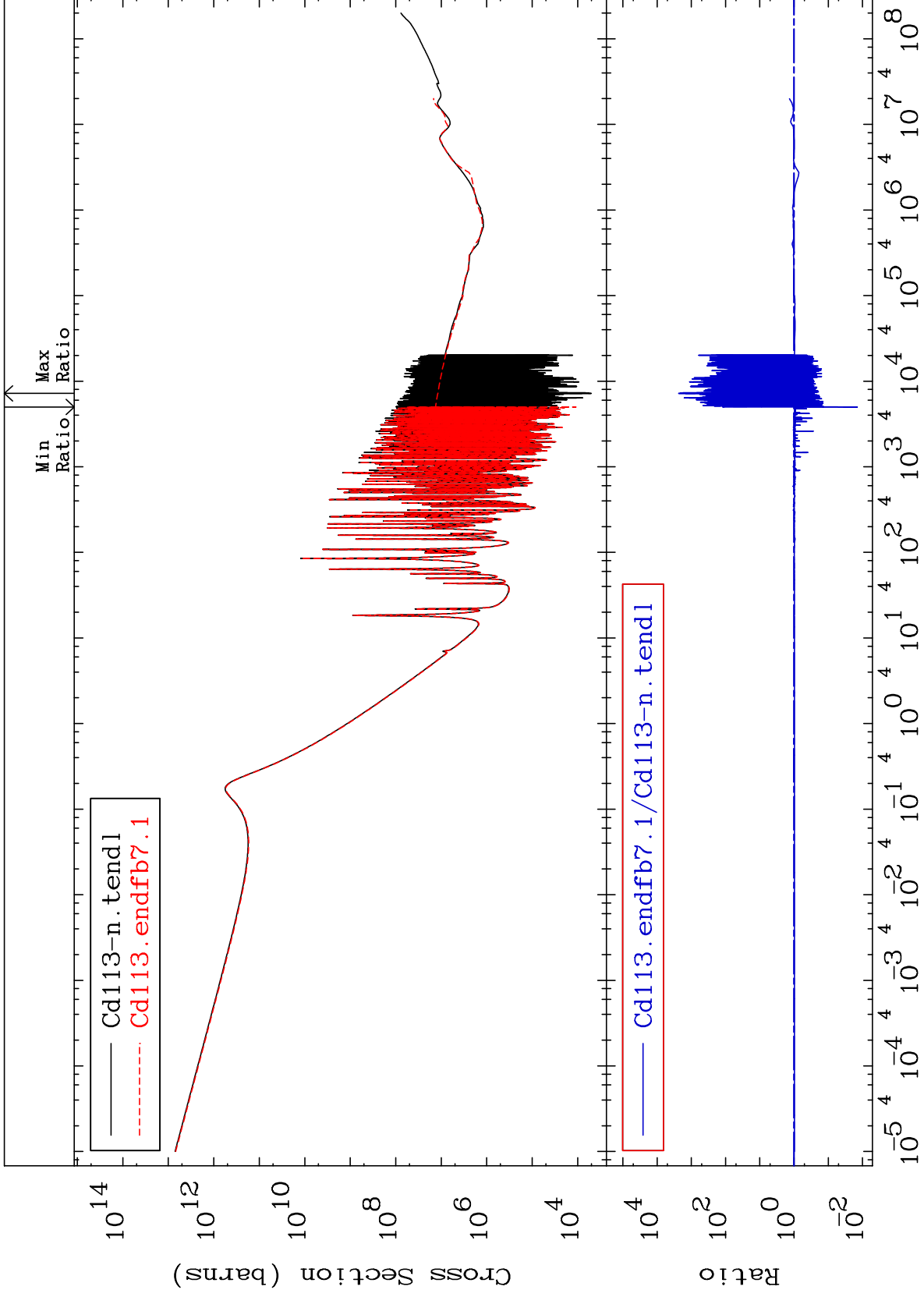
48-Cd-113
-88.13 To 326.5 %



40

Incident Energy (eV)

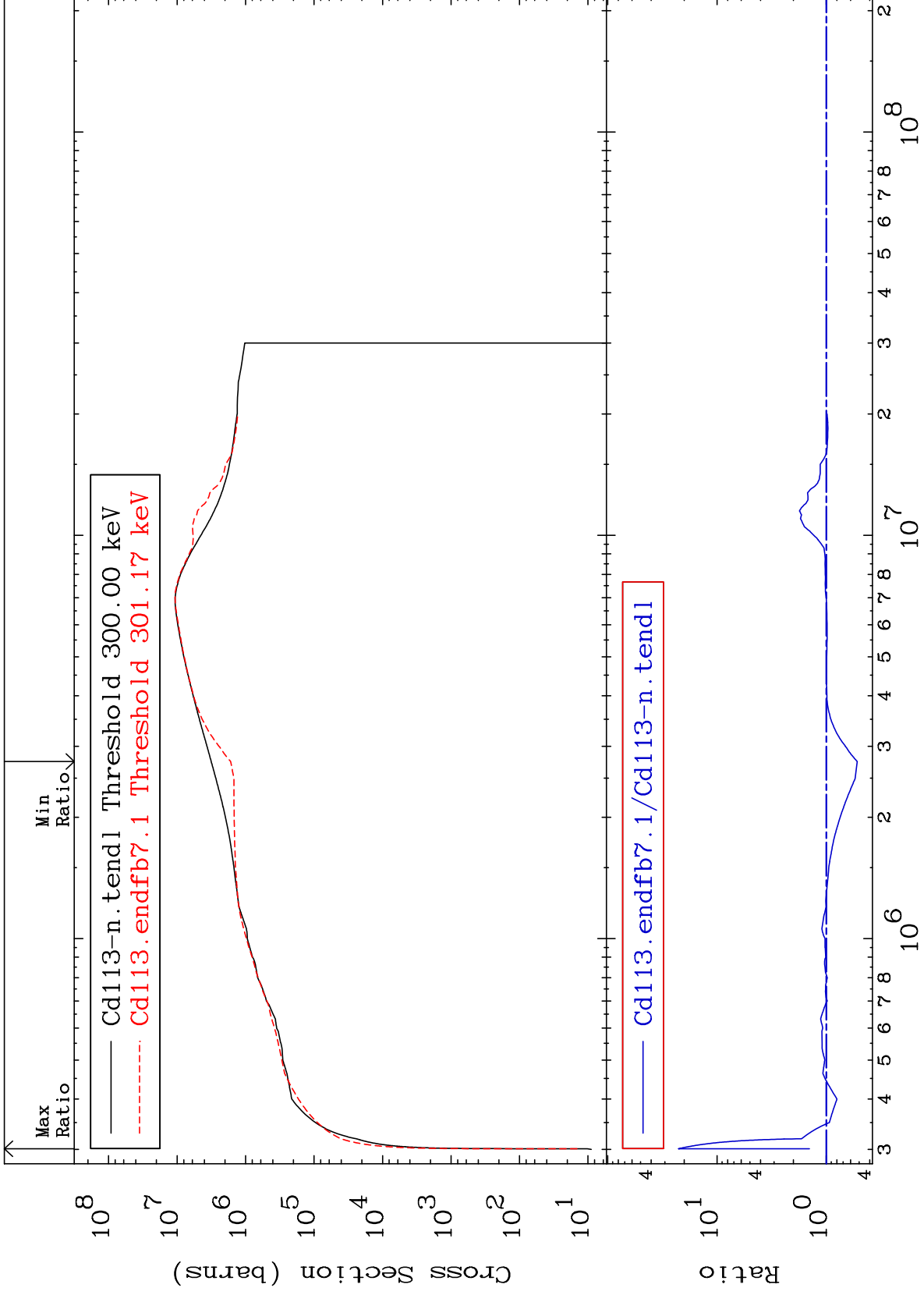
48-Cd-113

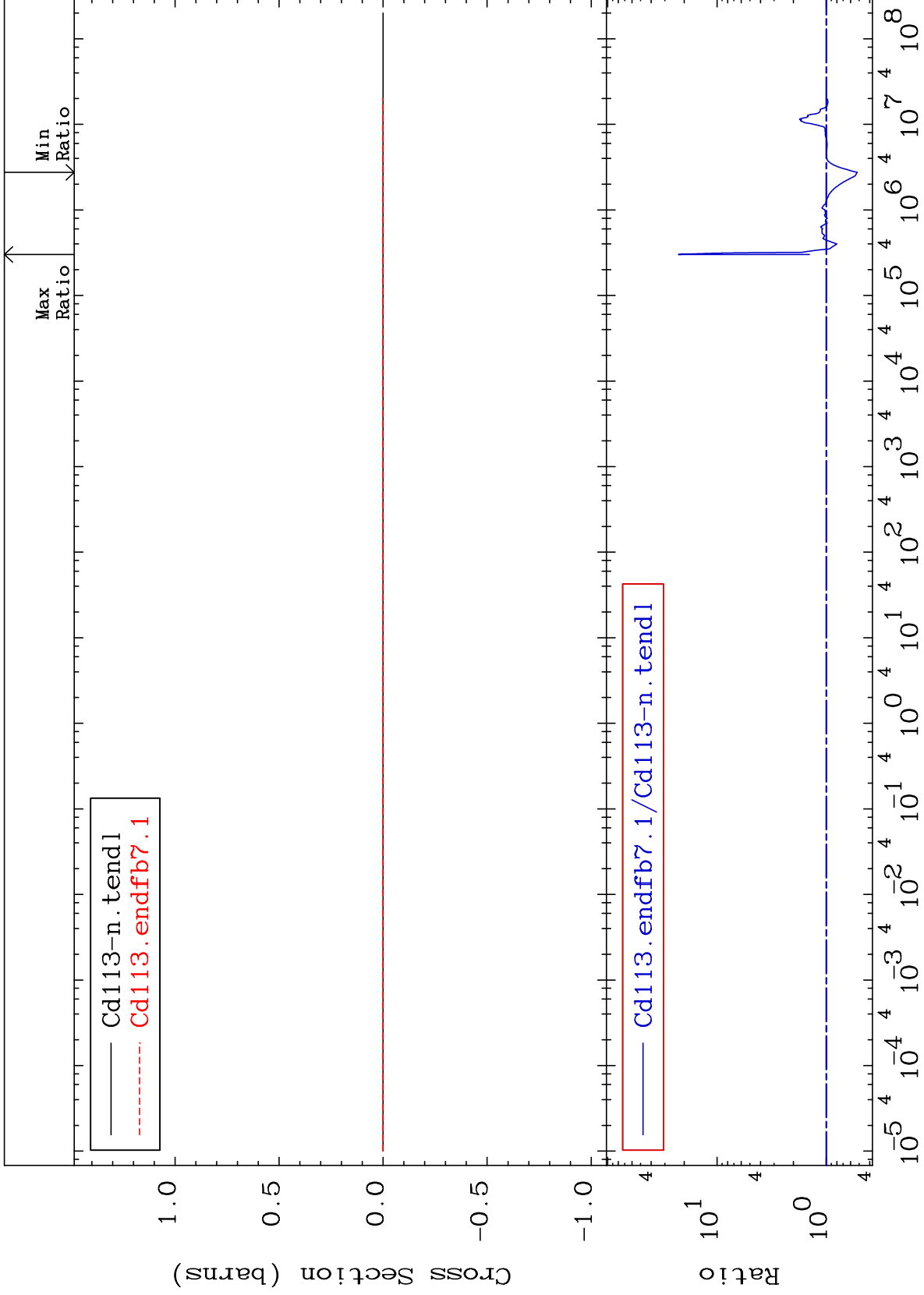


MAT 4846

Kerma inelastic (mt51-91)
Cross Section

48-Cd-113
-47.95 To 2144. %

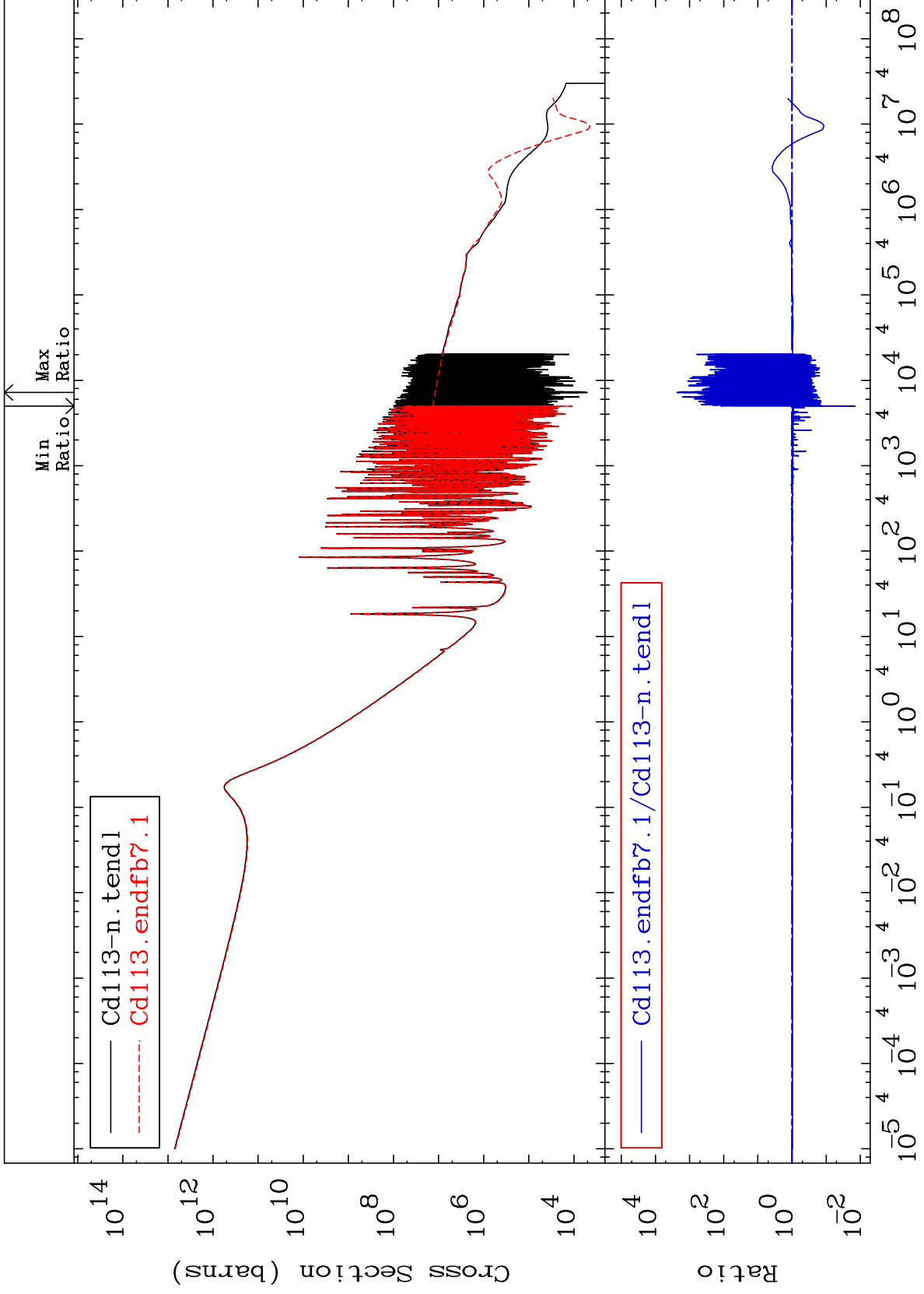




MAT 4846

Kerma capture (mt102)
Cross Section

48-Cd-113
-98.58 To 9999. %



44

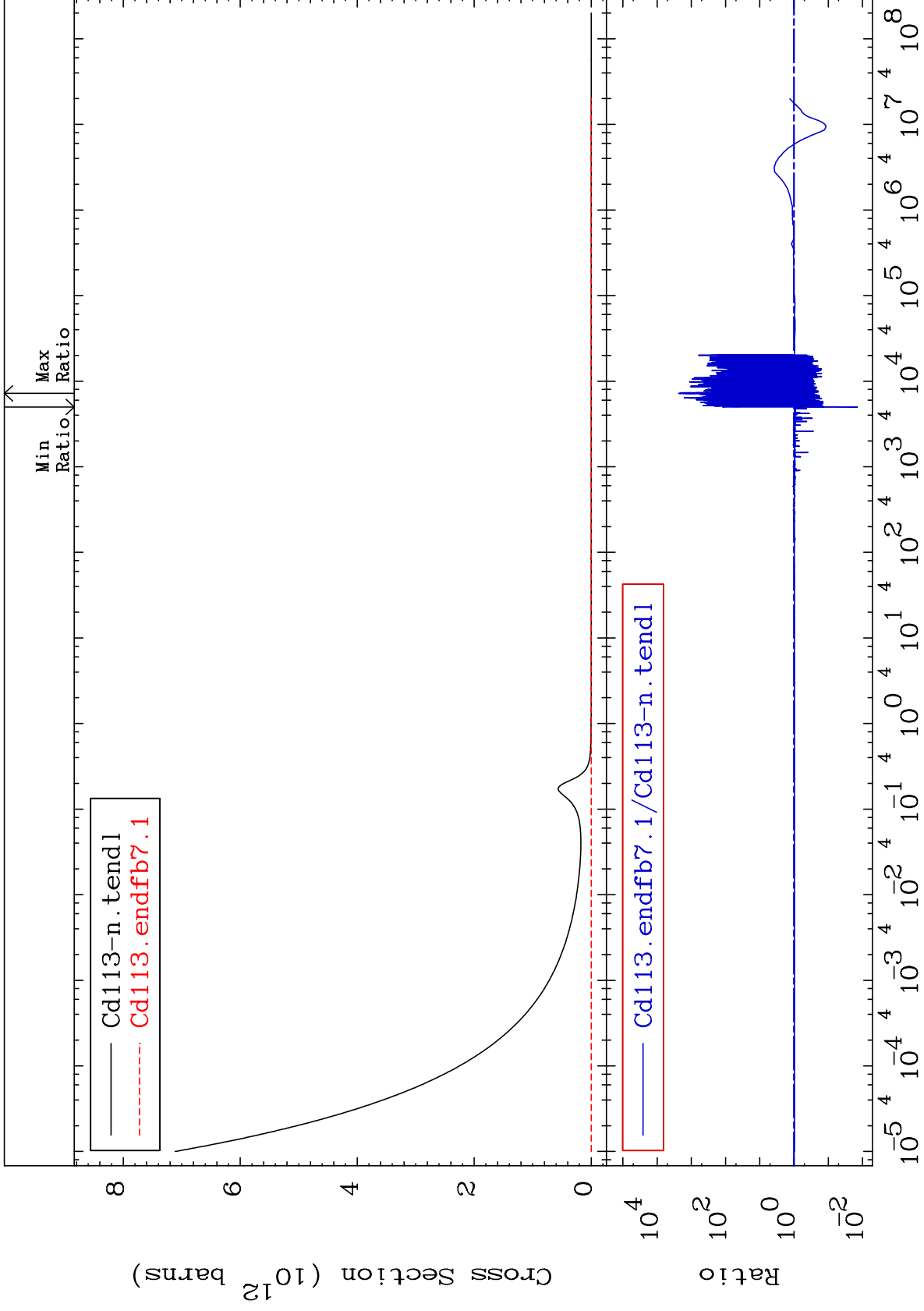
Incident Energy (eV)

48-Cd-113

MAT 4846

Total photon (eV-barns)
Cross Section

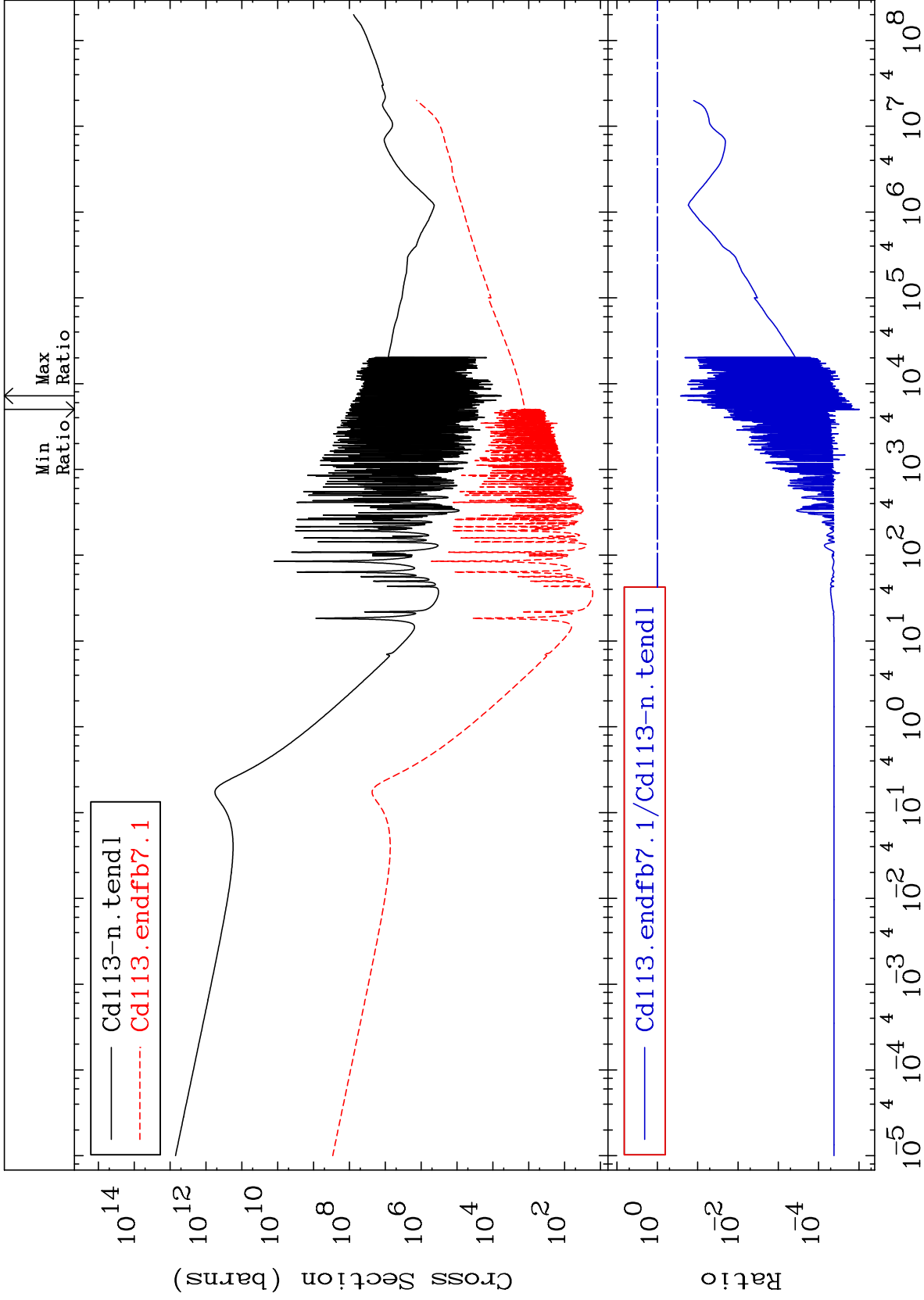
48-Cd-113
-98.58 To 9999. %

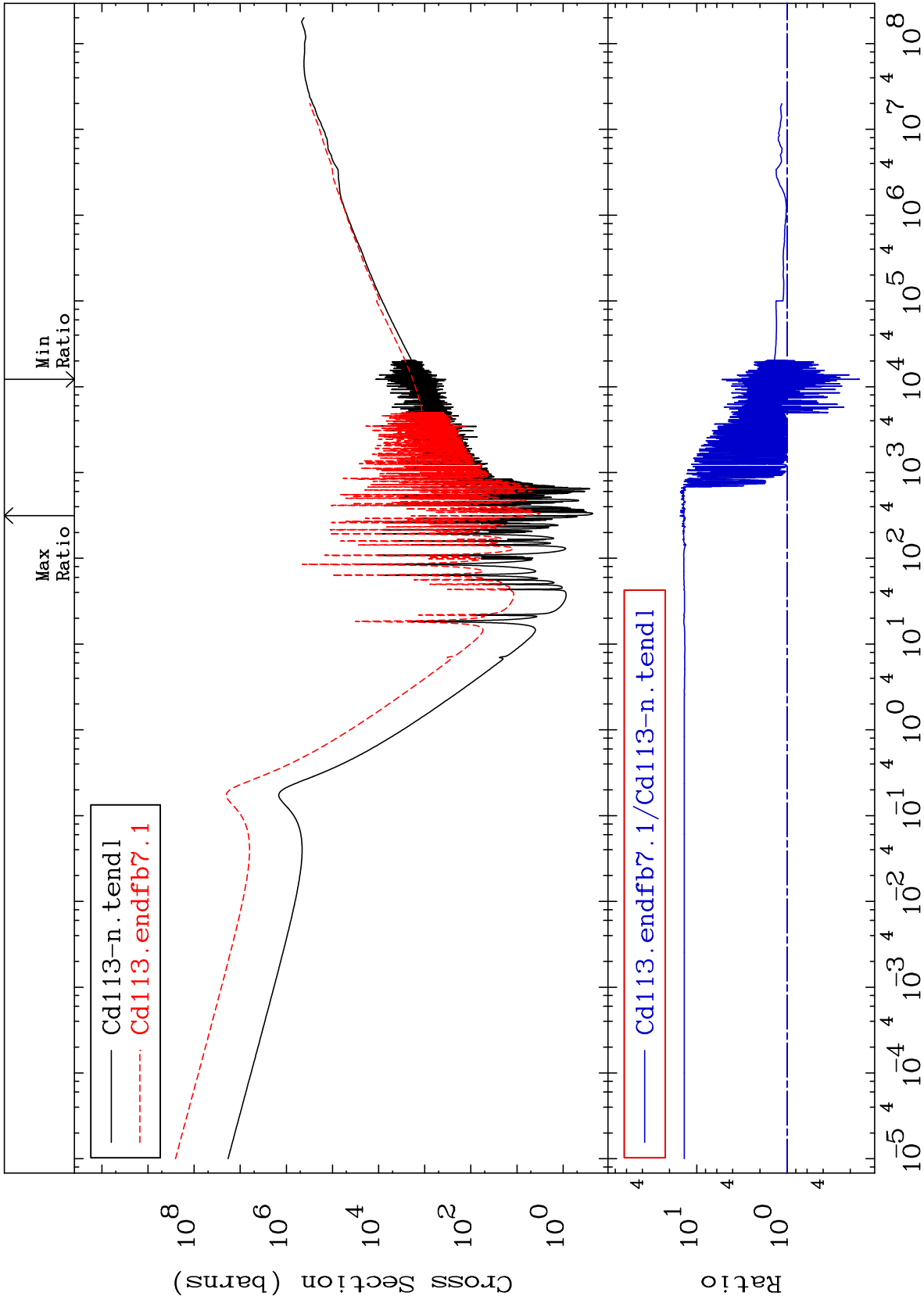


45

Incident Energy (eV)

48-Cd-113

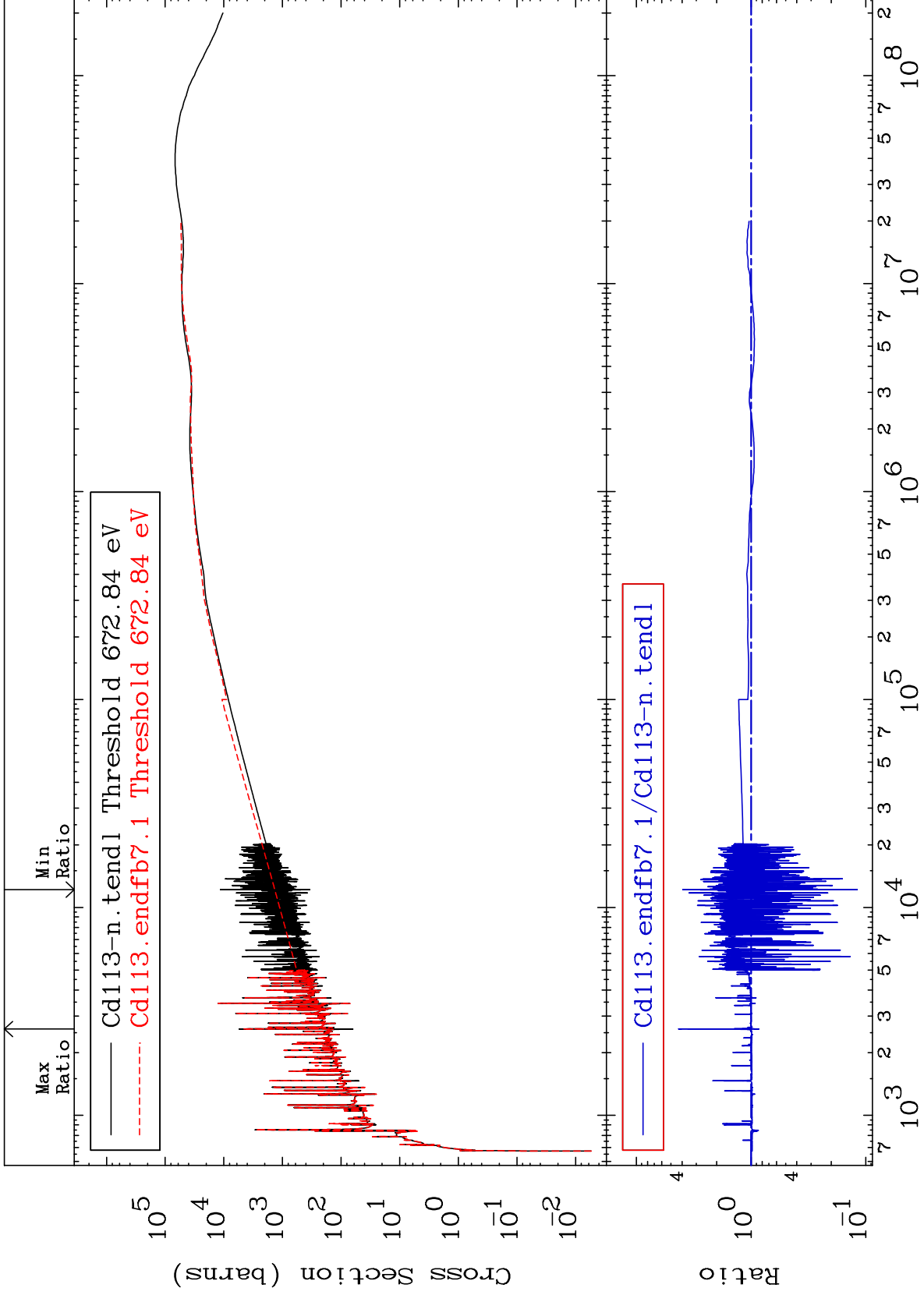




MAT 4846

Dpa elastic (mt2)
Cross Section

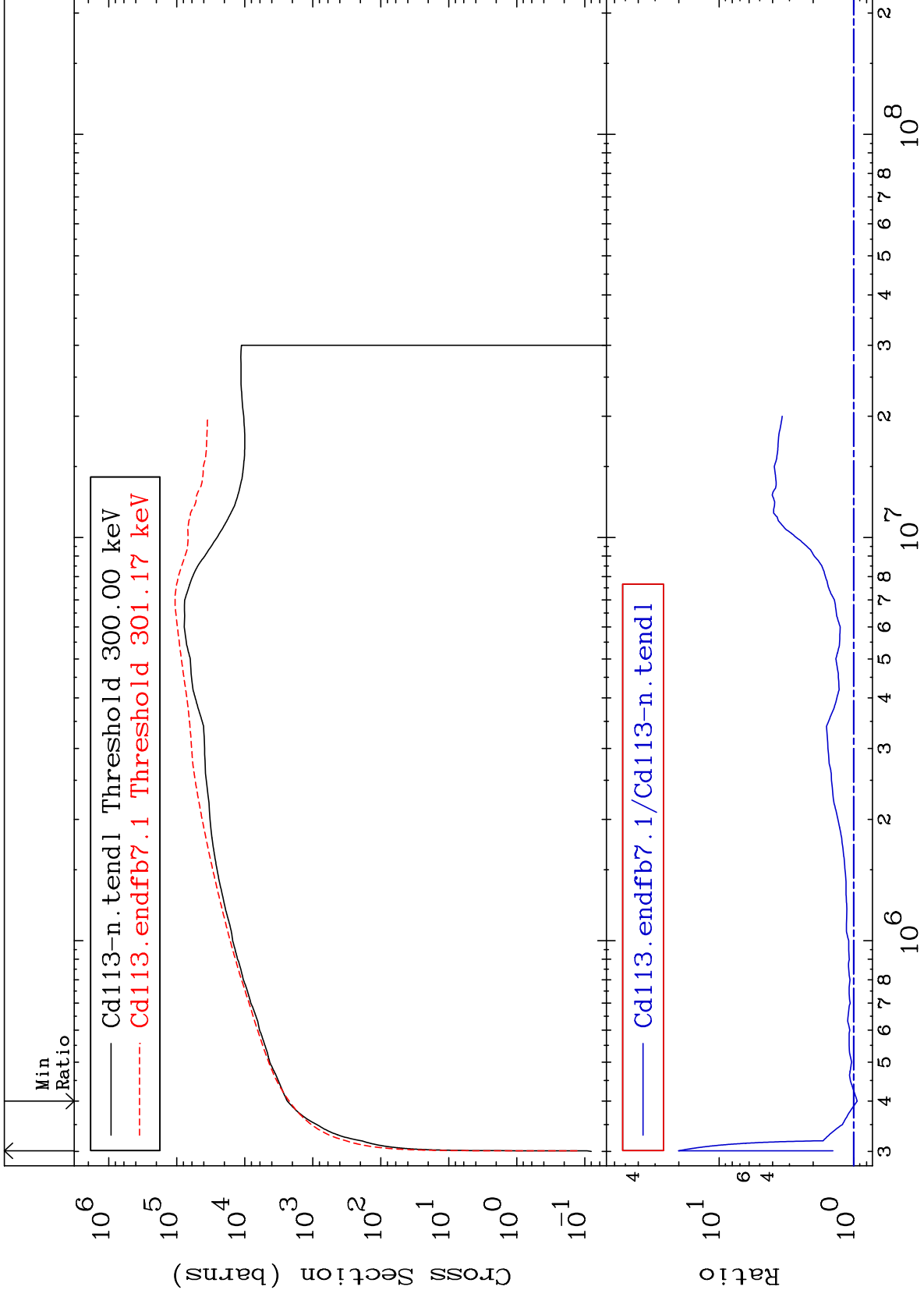
48-Cd-113
-88.13 To 328.2 %



48

Incident Energy (eV)

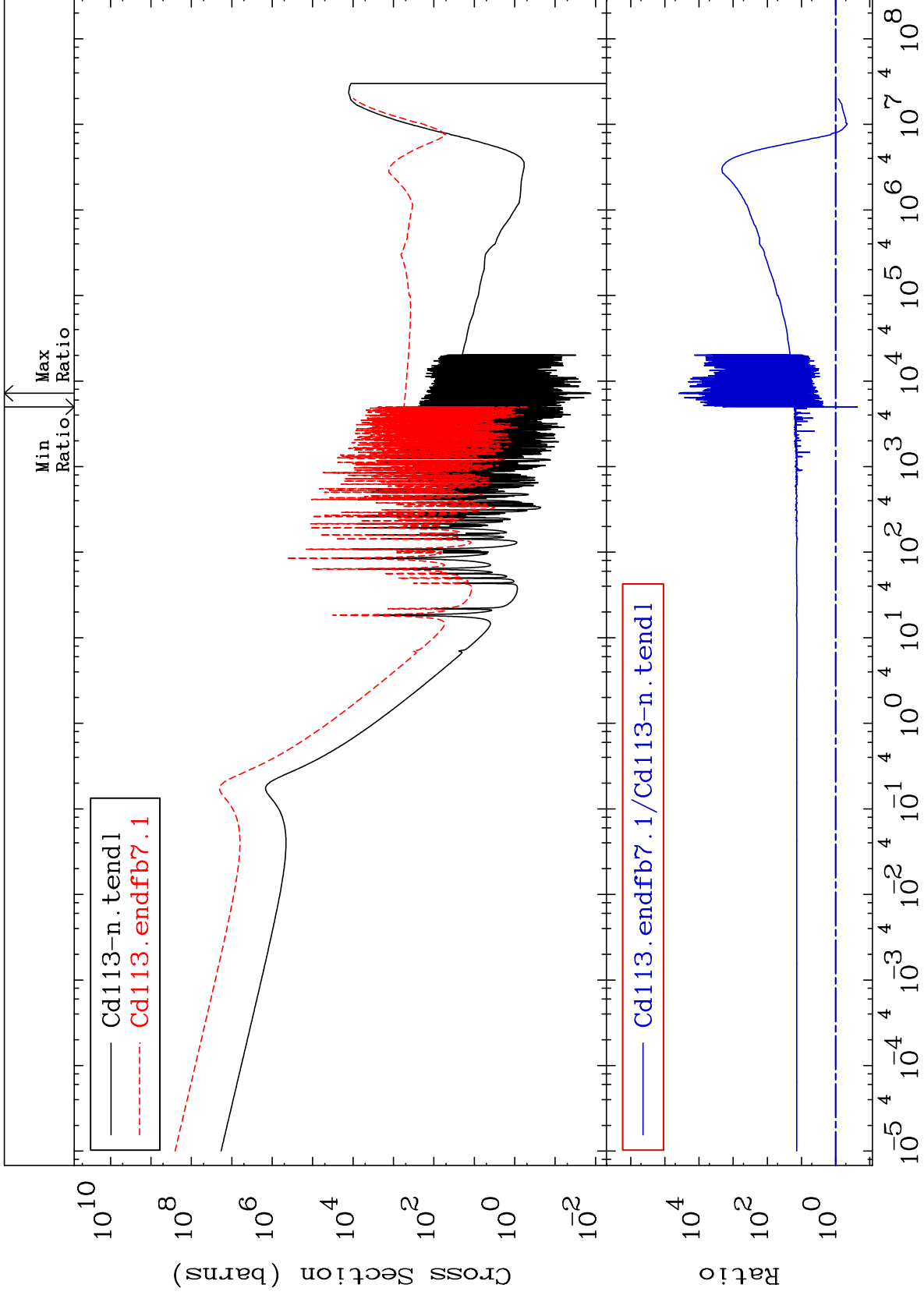
48-Cd-113



MAT 4846

Dpa disappearance (mt102 -120)
Cross Section

48-Cd-113
-76.73 To 9999. %



50

Incident Energy (eV)

48-Cd-113