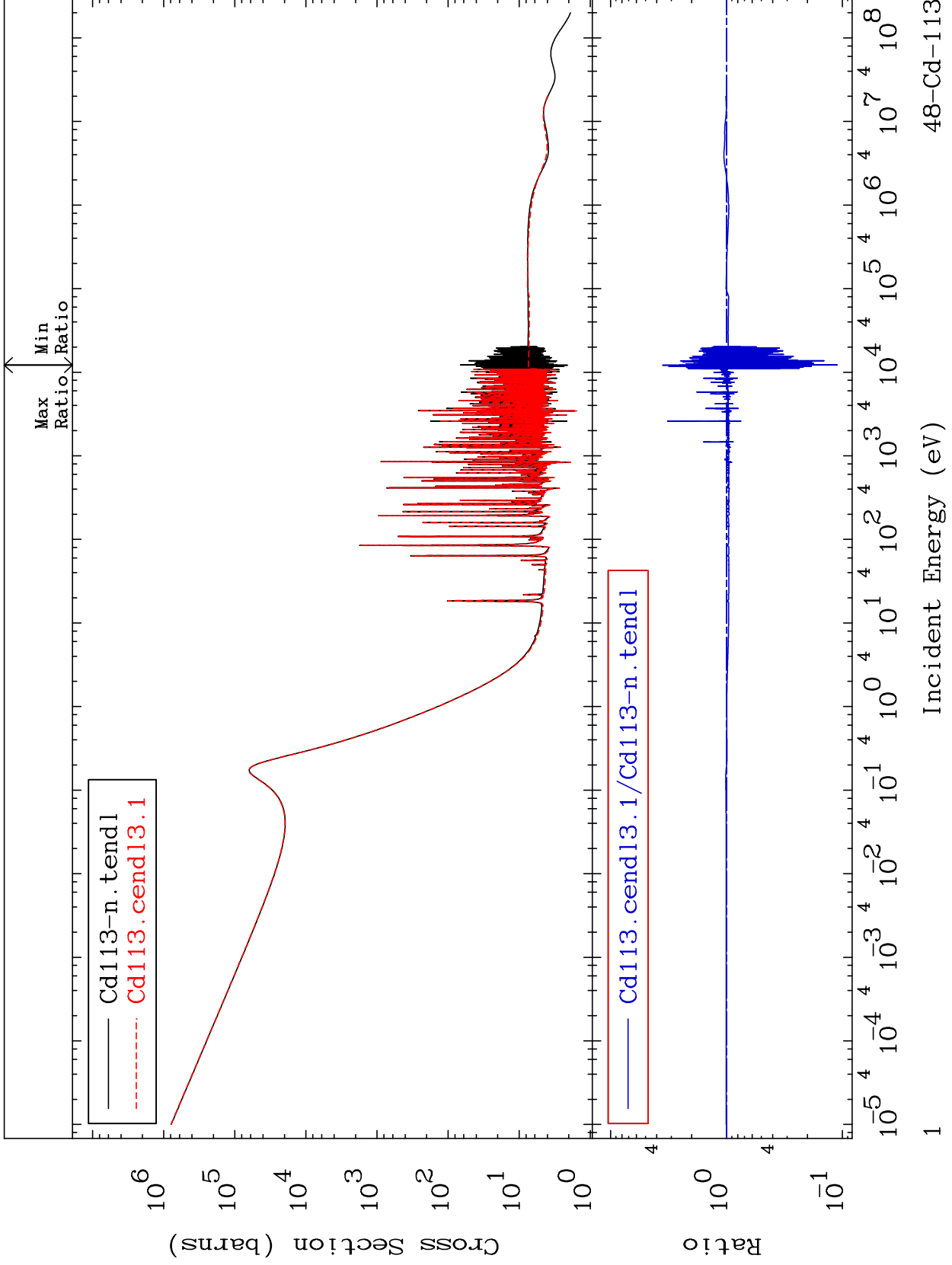


MAT 4846

Total
Cross Section

48-Cd-113
-88.93 To 254.4 %



Incident Energy (eV)

48-Cd-113

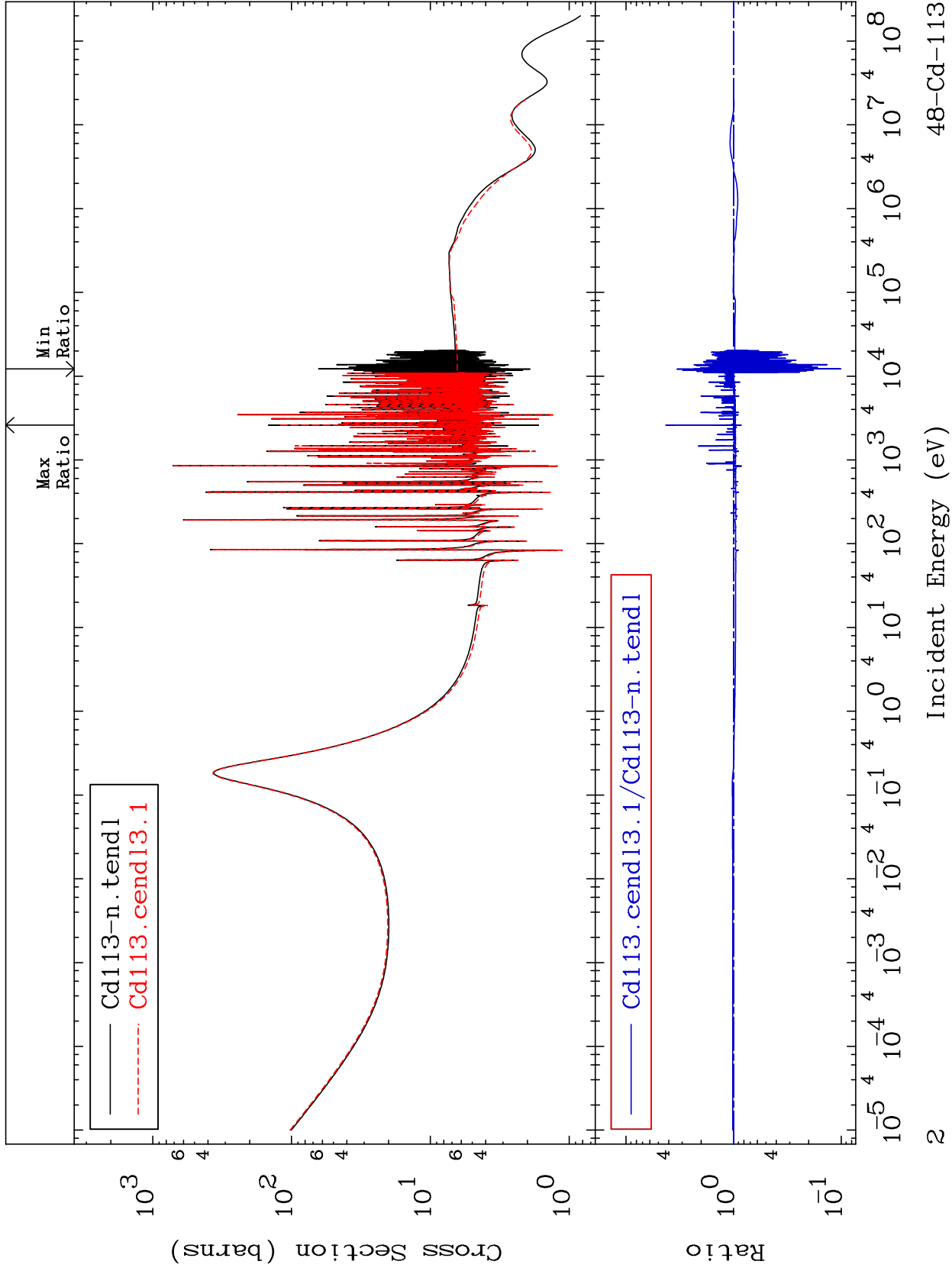
MAT 4846

Elastic

Cross Section

48-Cd-113

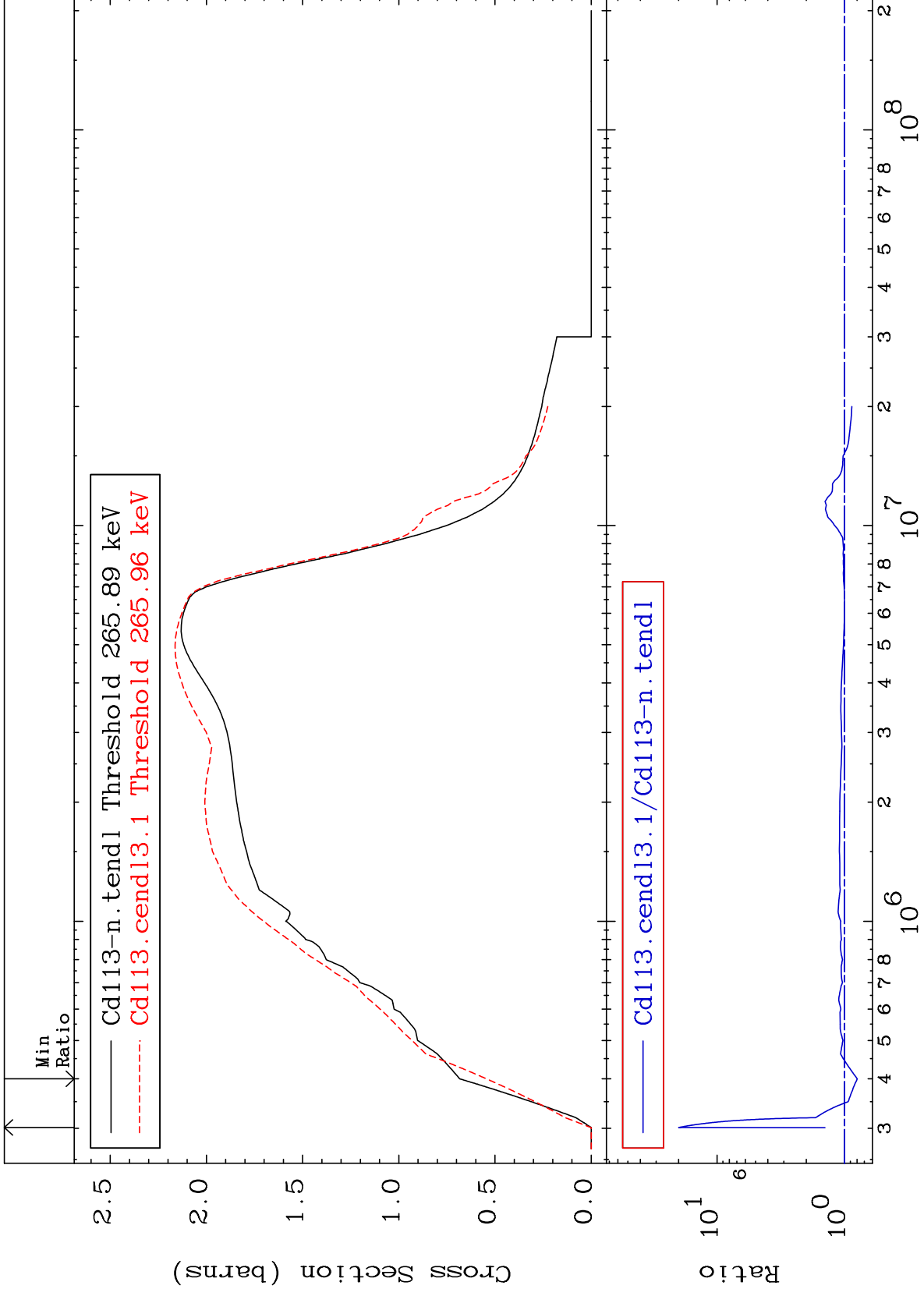
-89.93 To 324.4 %



MAT 4846

Inelastic
Cross Section

48-Cd-113
-20.39 To 1901. %



3

48-Cd-113

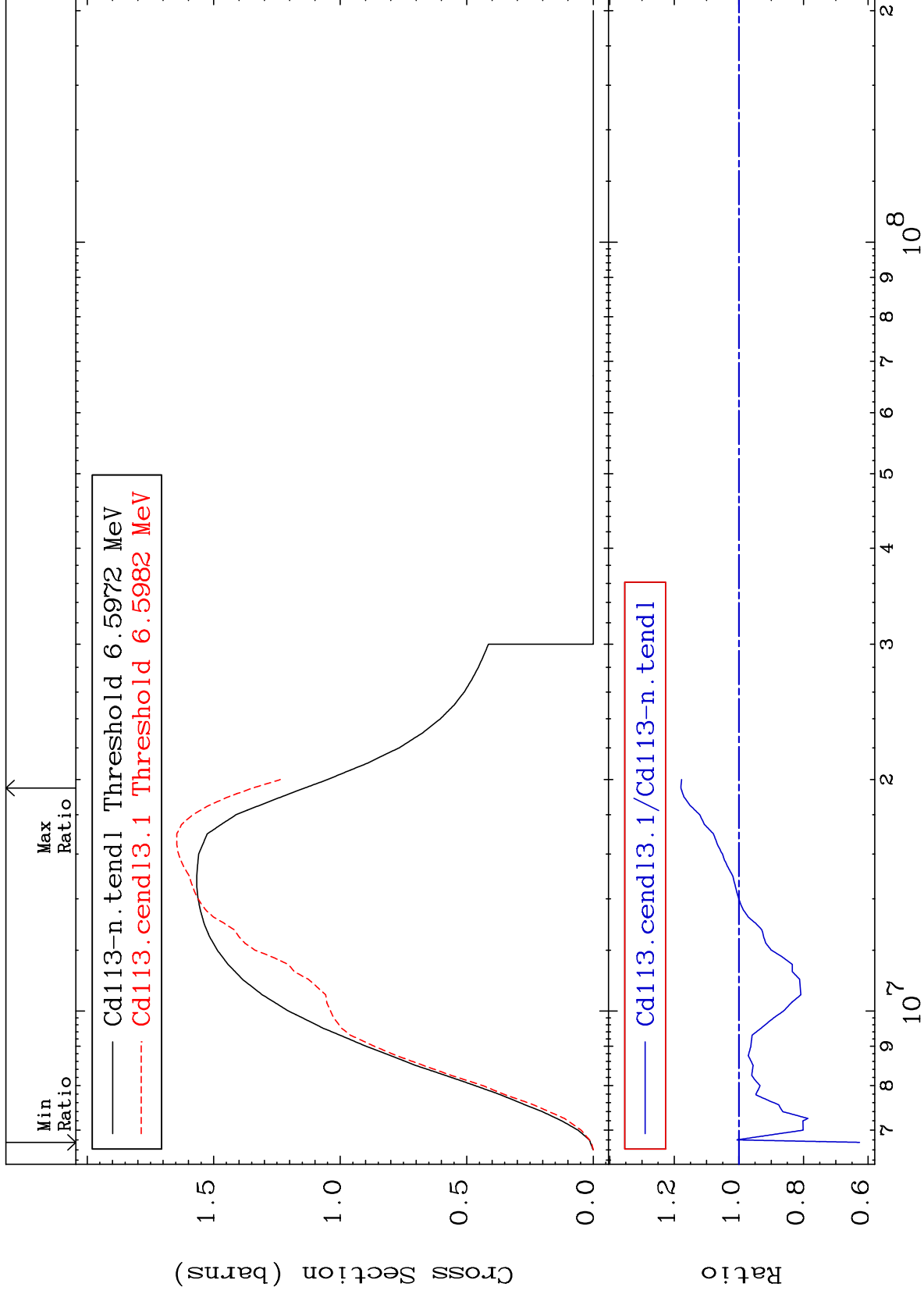
MAT 4846

(n,2n)

48-Cd-113

Cross Section

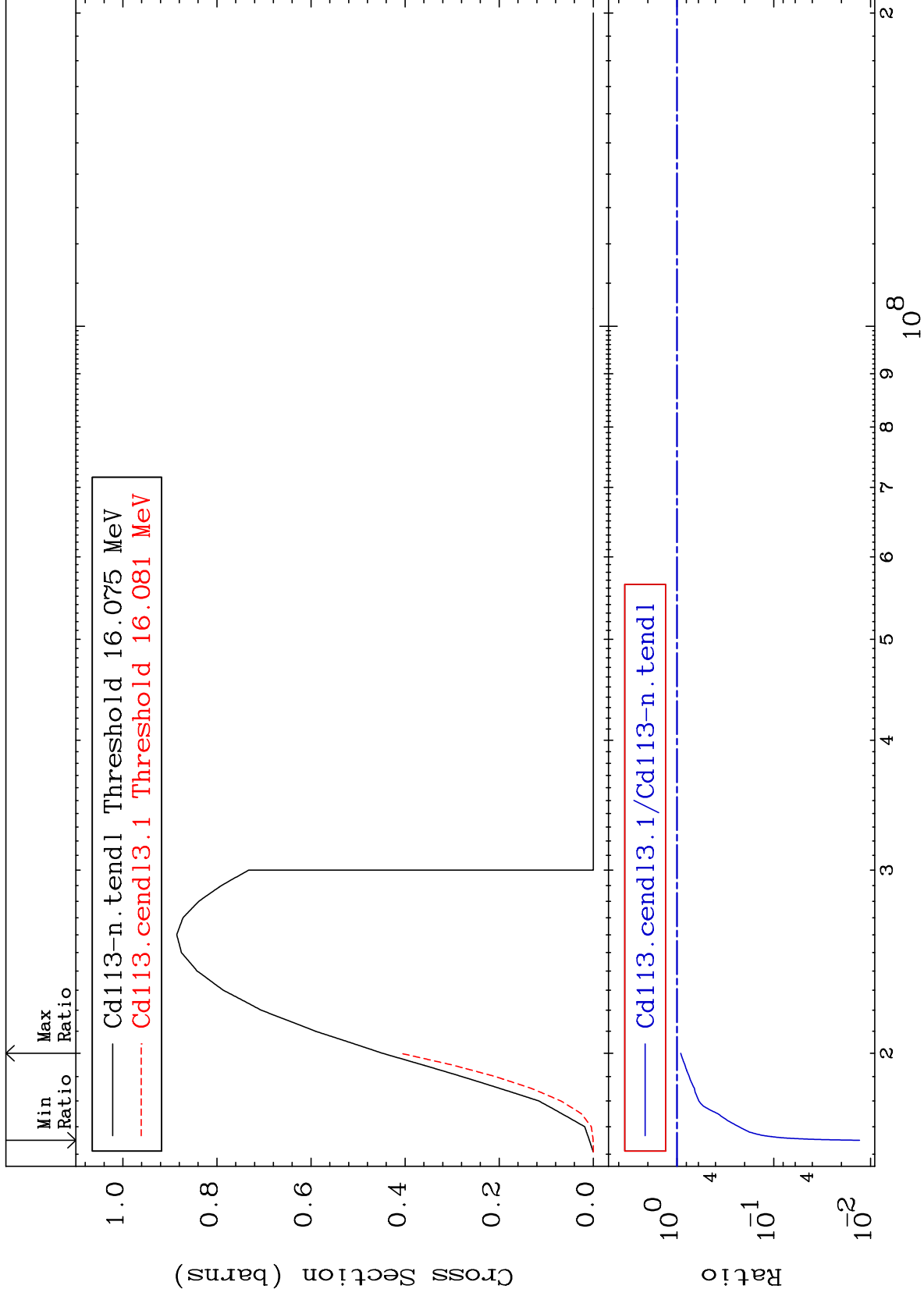
-37.34 To 17.99 %



4

Incident Energy (eV)

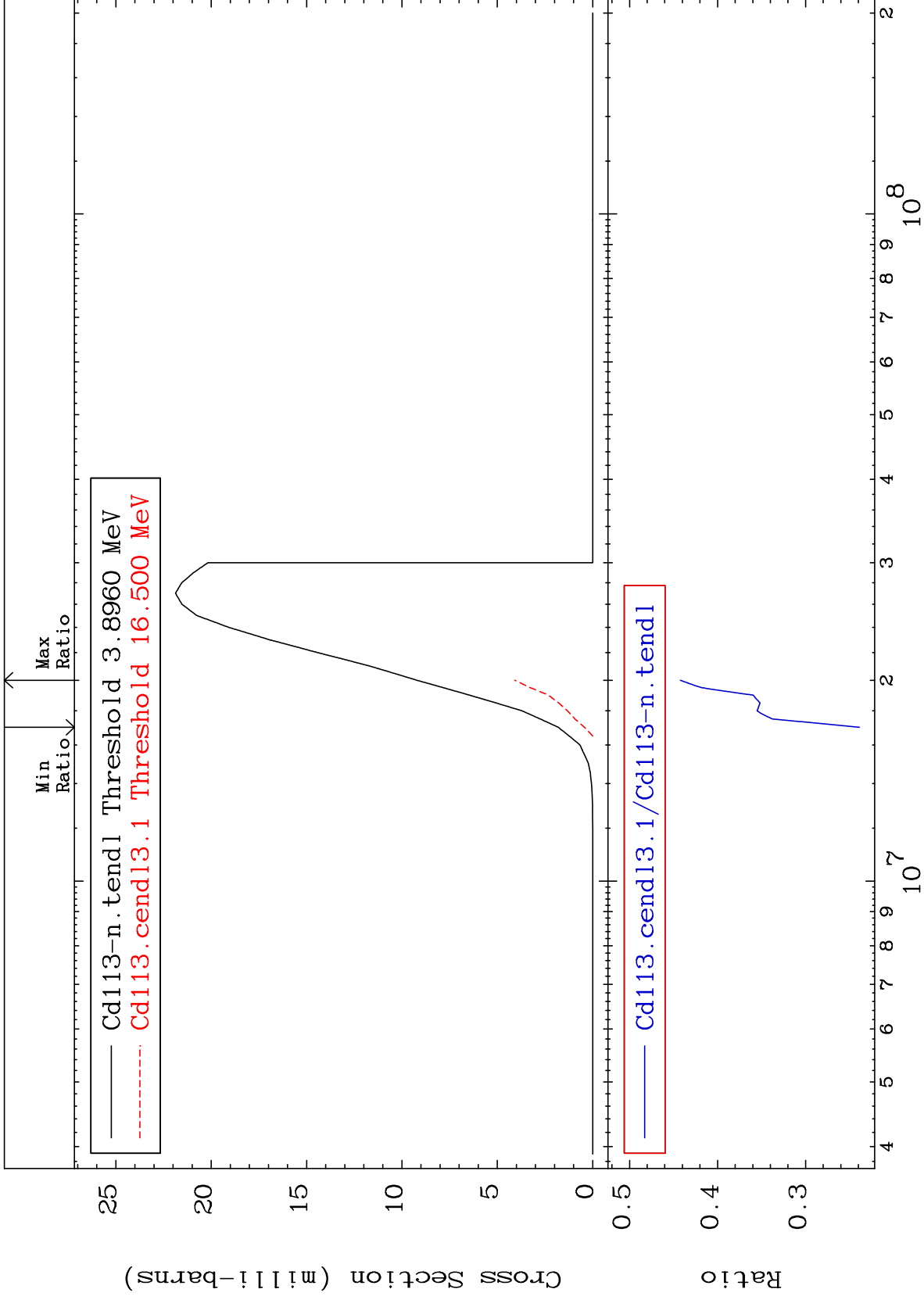
48-Cd-113



MAT 4846

(n,n') α
Cross Section

48-Cd-113
-76.12 To -55.77%



6

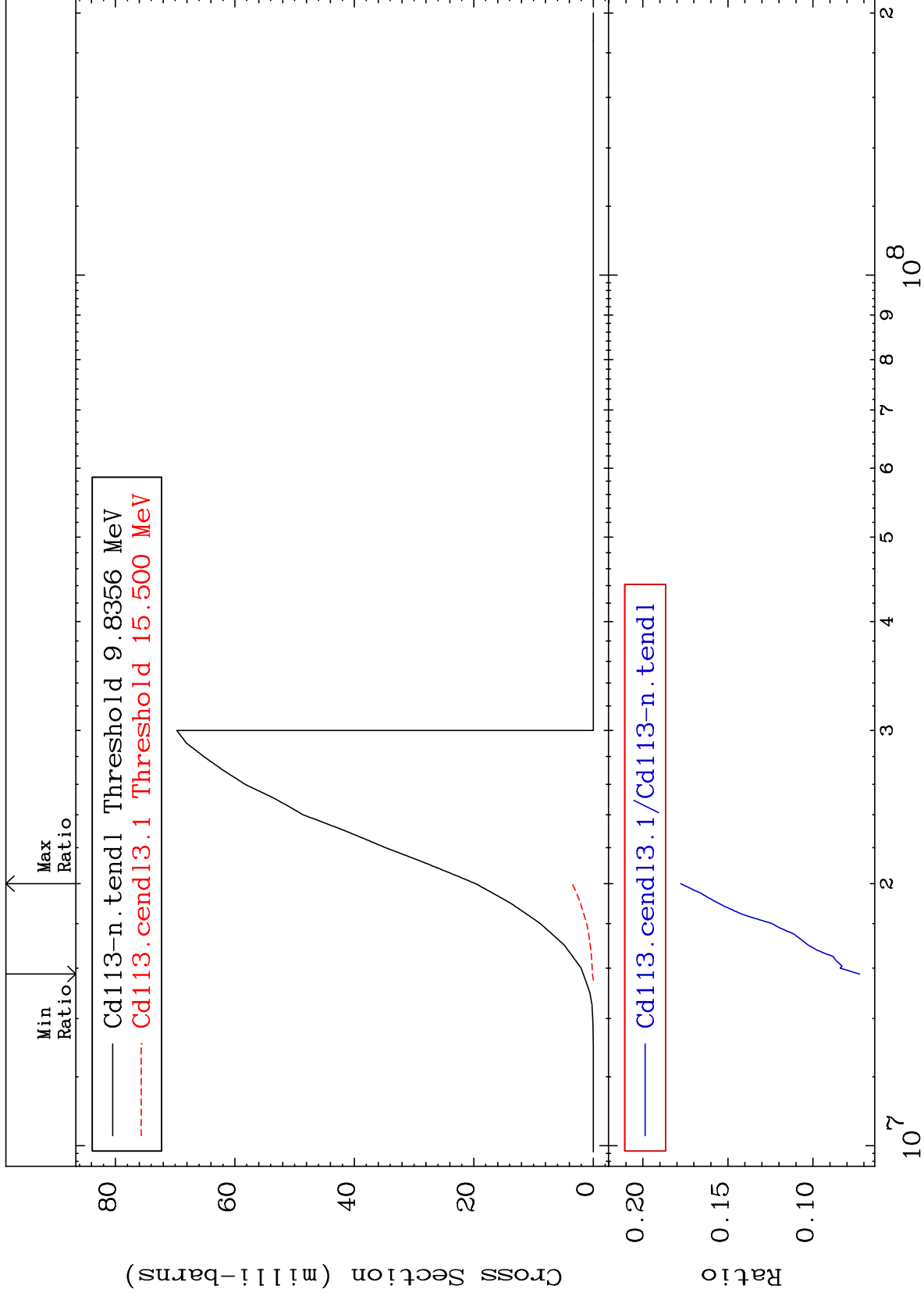
Incident Energy (eV)

48-Cd-113

MAT 4846

(n,n') p
Cross Section

48-Cd-113
-92.74 To -82.23%



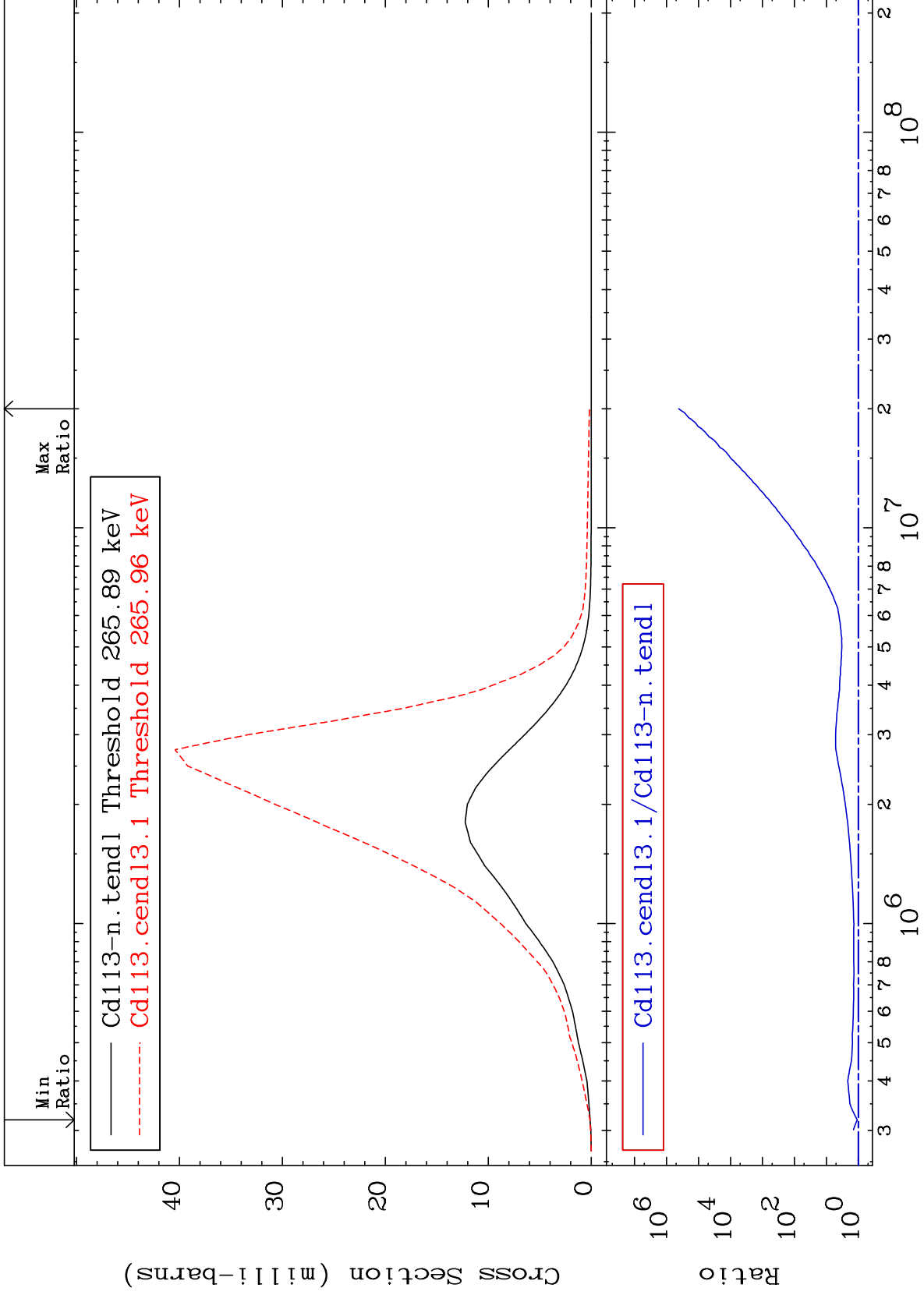
Incident Energy (eV)

48-Cd-113

MAT 4846

263.5 keV (n,n') Level
Cross Section

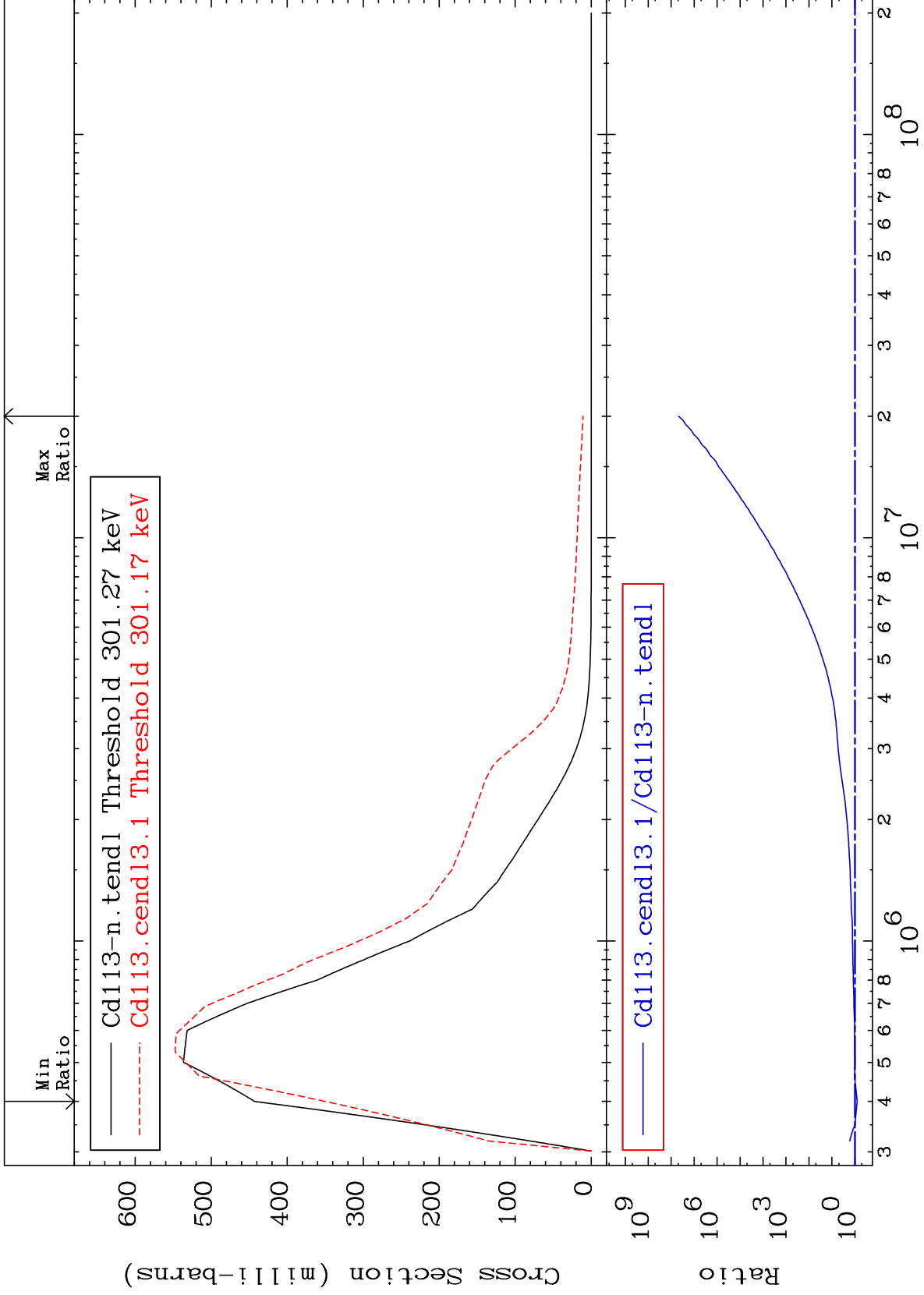
48-Cd-113
8.311 To 9999. %



MAT 4846

298.6 keV (n,n') Level
Cross Section

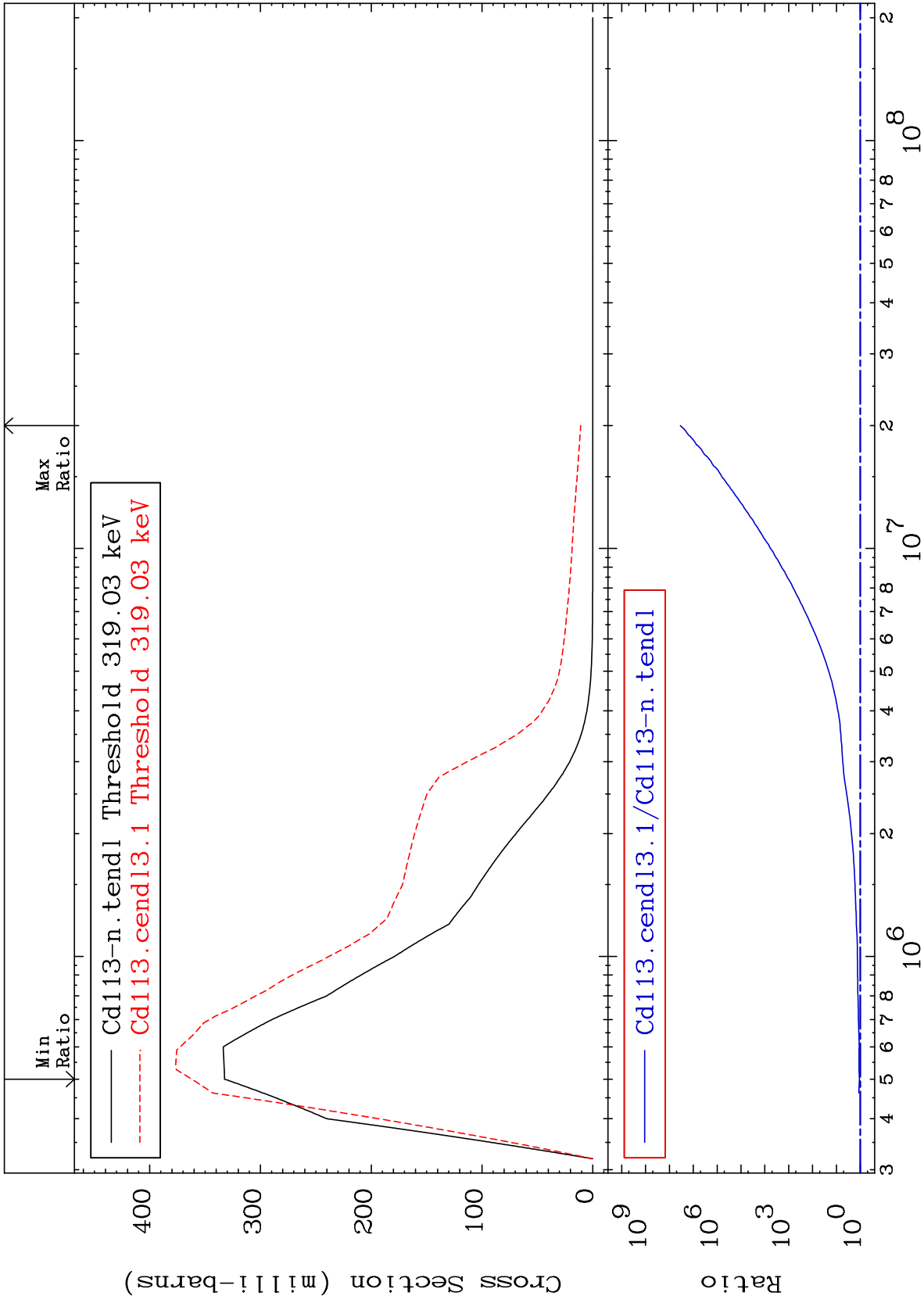
48-Cd-113
-21.06 To 9999. %



MAT 4846

316.2 keV (n,n') Level
Cross Section

48-Cd-113
8.943 To 9999. %



10

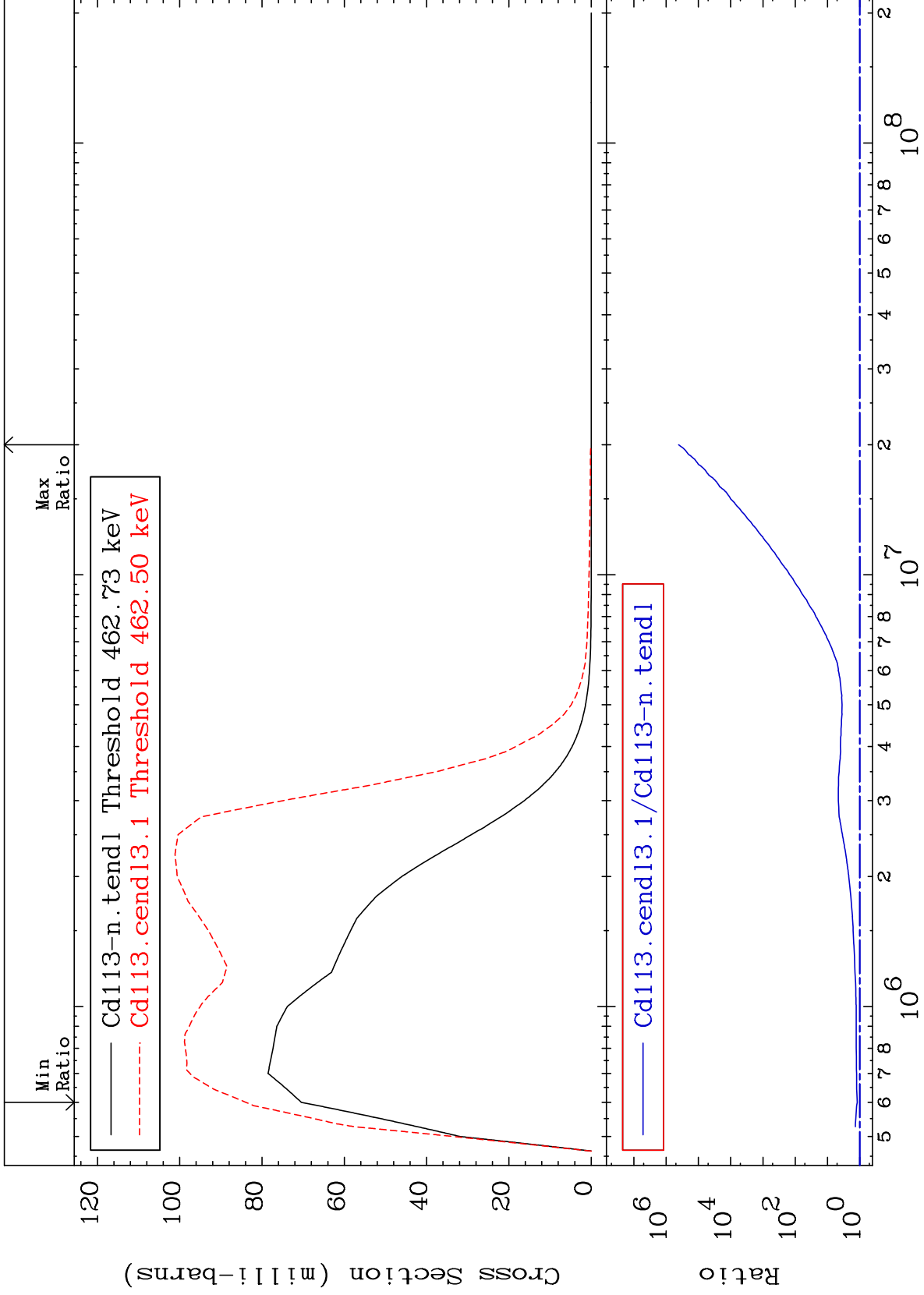
Incident Energy (eV)

48-Cd-113

MAT 4846

458.6 keV (n,n') Level
Cross Section

48-Cd-113
19.12 To 9999. %



11

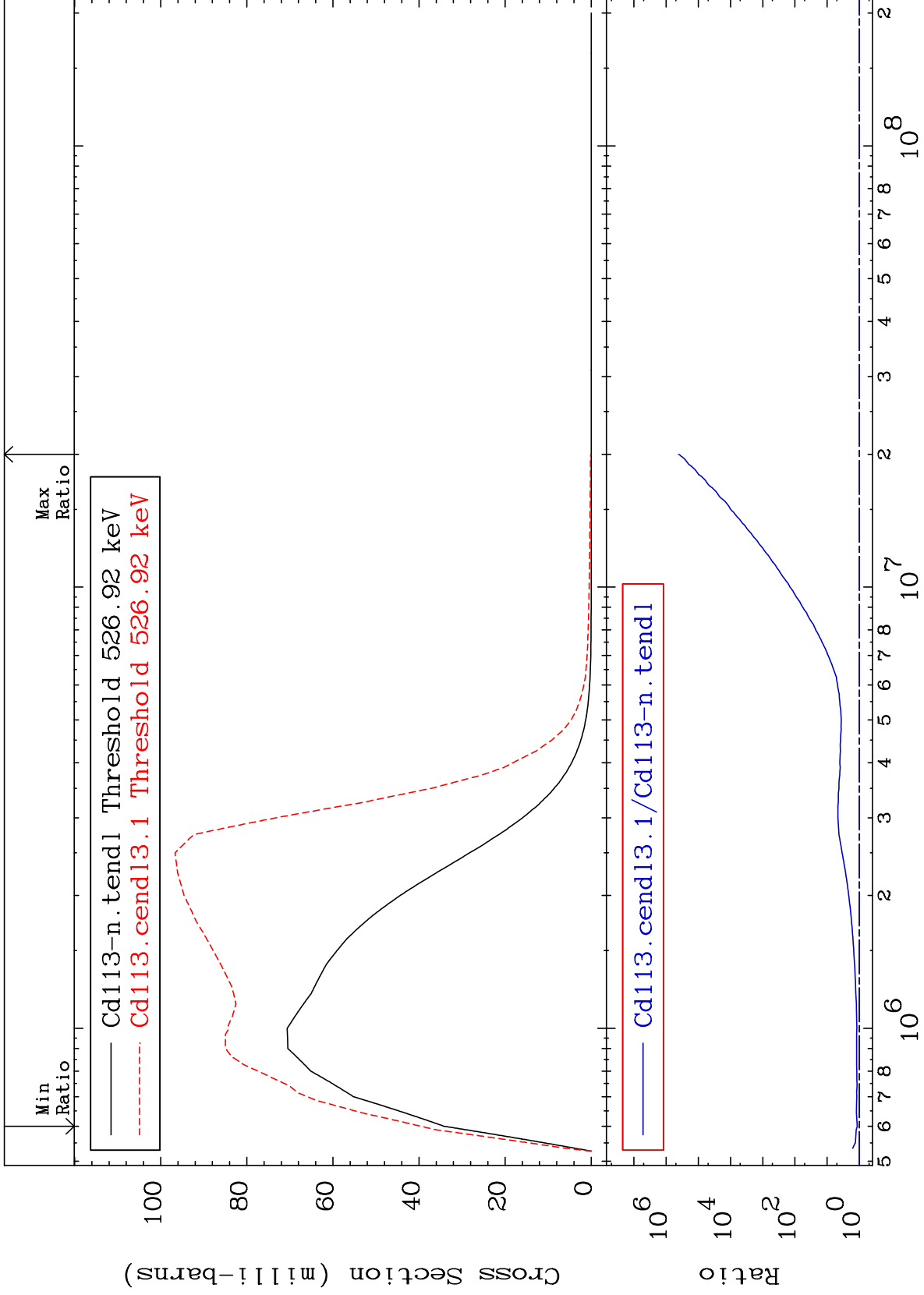
Incident Energy (eV)

48-Cd-113

MAT 4846

522.3 keV (n,n') Level
Cross Section

48-Cd-113
15.86 To 9999. %



12

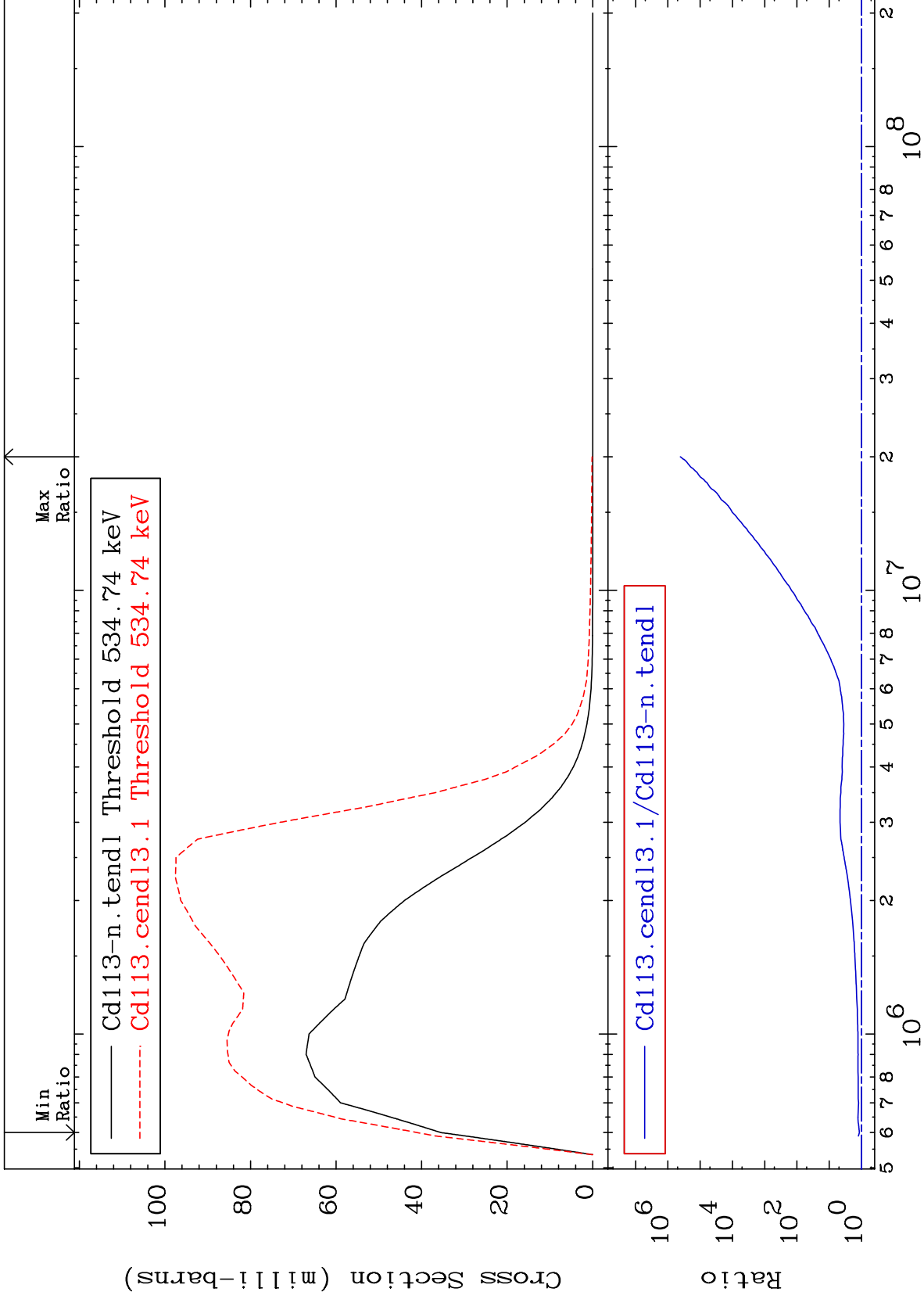
Incident Energy (eV)

48-Cd-113

MAT 4846

530.0 keV (n,n') Level
Cross Section

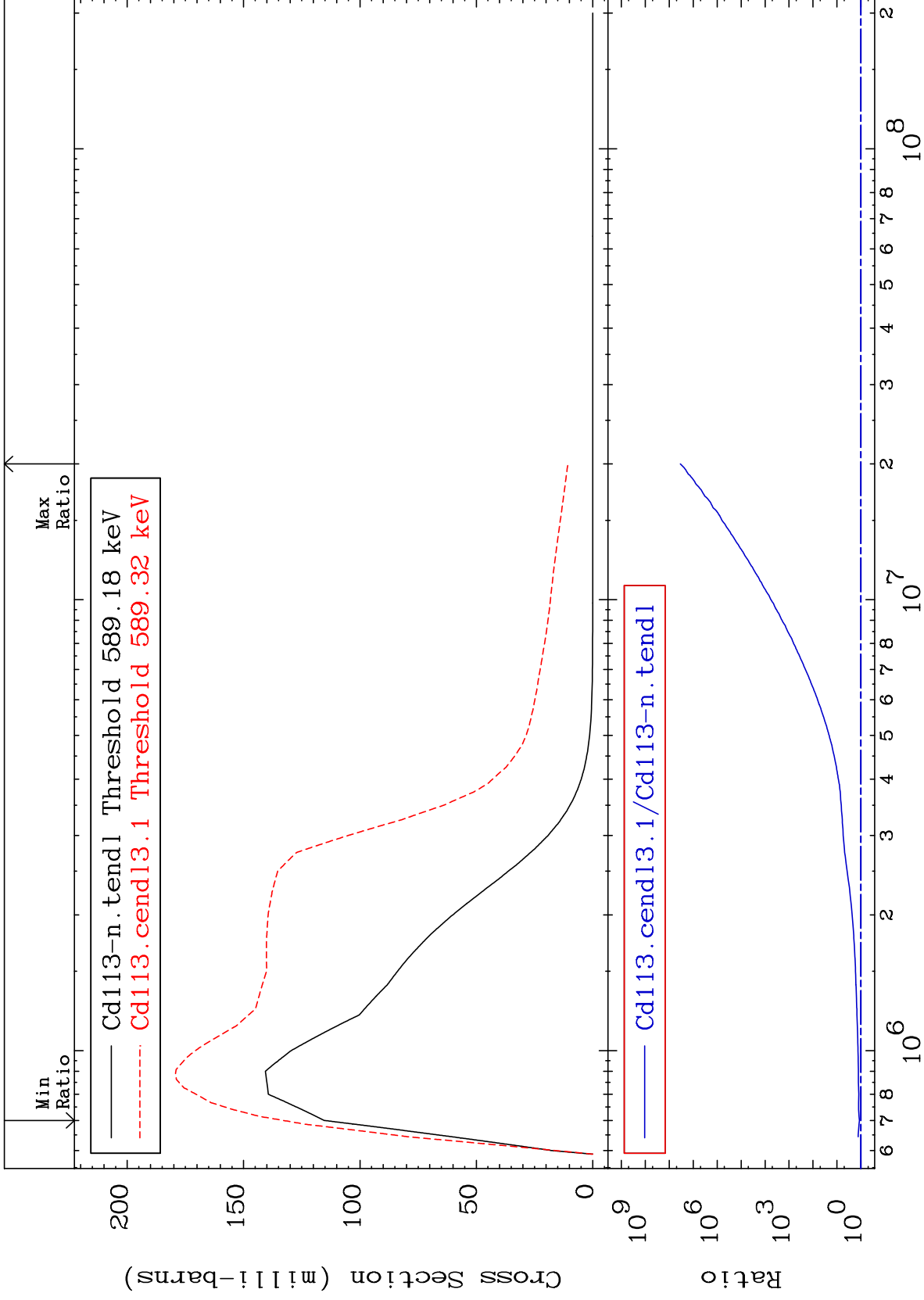
48-Cd-113
15.56 To 9999. %



MAT 4846

584.0 keV (n,n') Level
Cross Section

48-Cd-113
15.22 To 9999. %

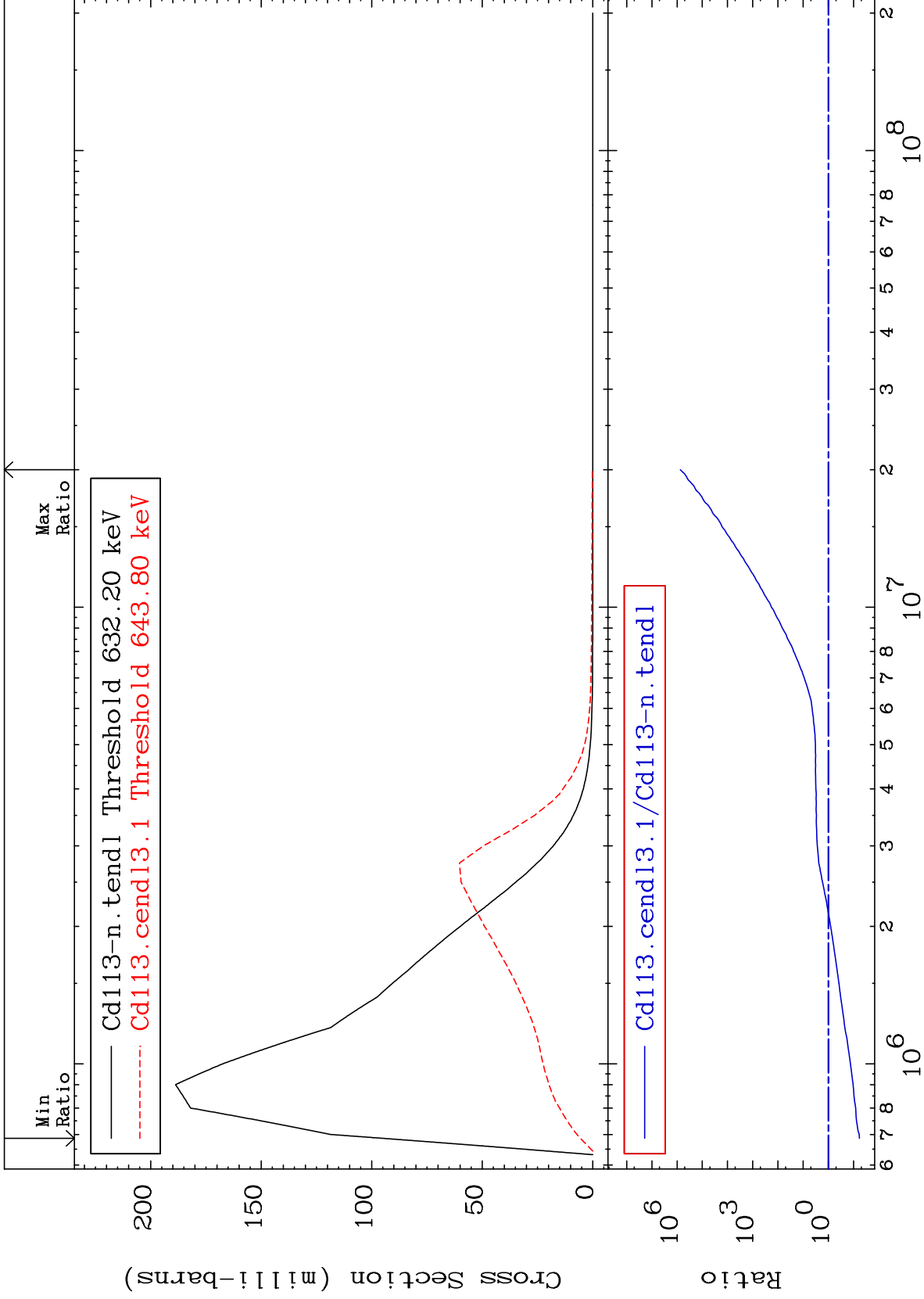


14

MAT 4846

626.6 keV (n,n') Level
Cross Section

48-Cd-113
-94.11 To 9999. %



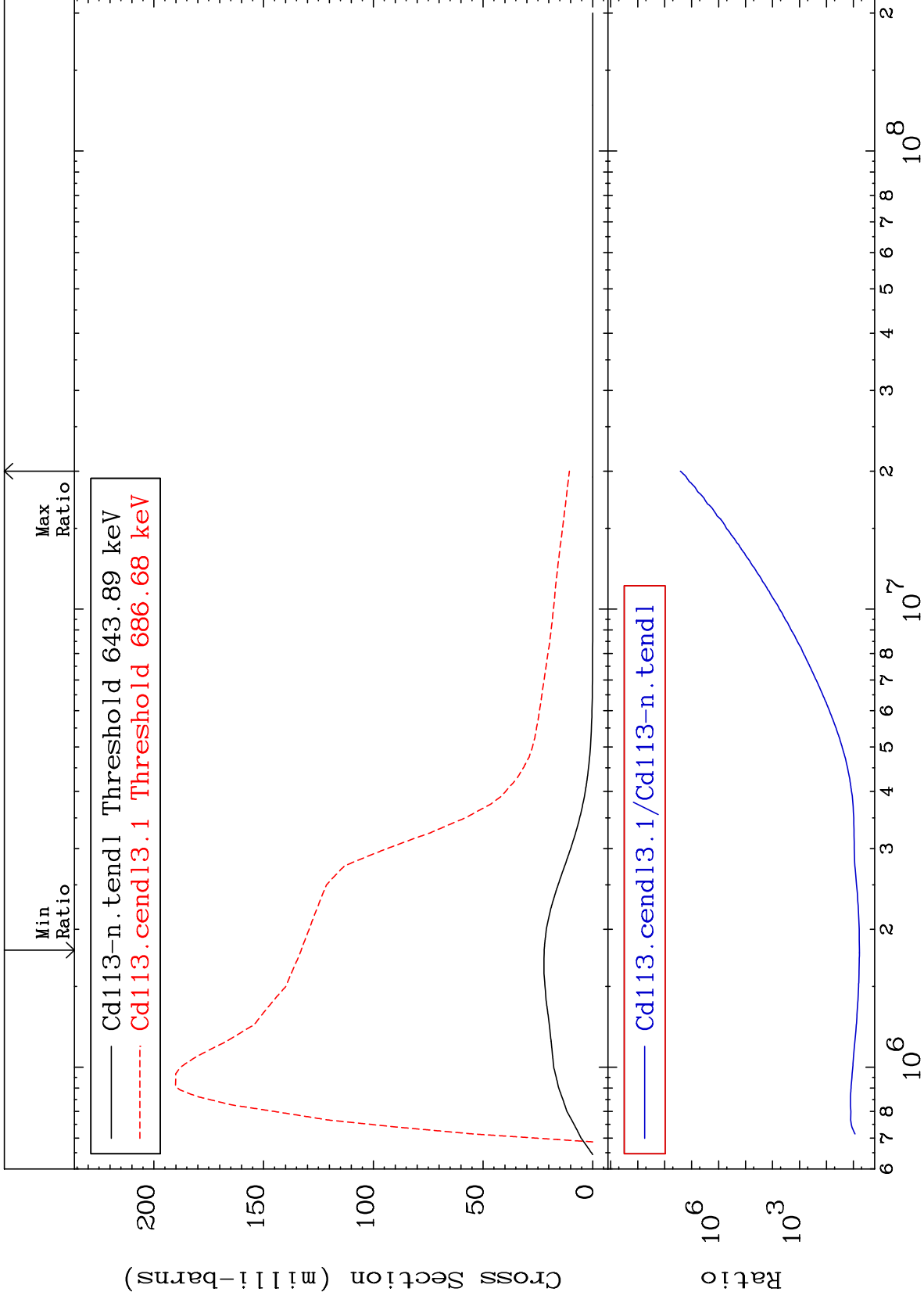
15

48-Cd-113

MAT 4846

638.2 keV (n,n') Level
Cross Section

48-Cd-113
499.8 To 9999. %



16

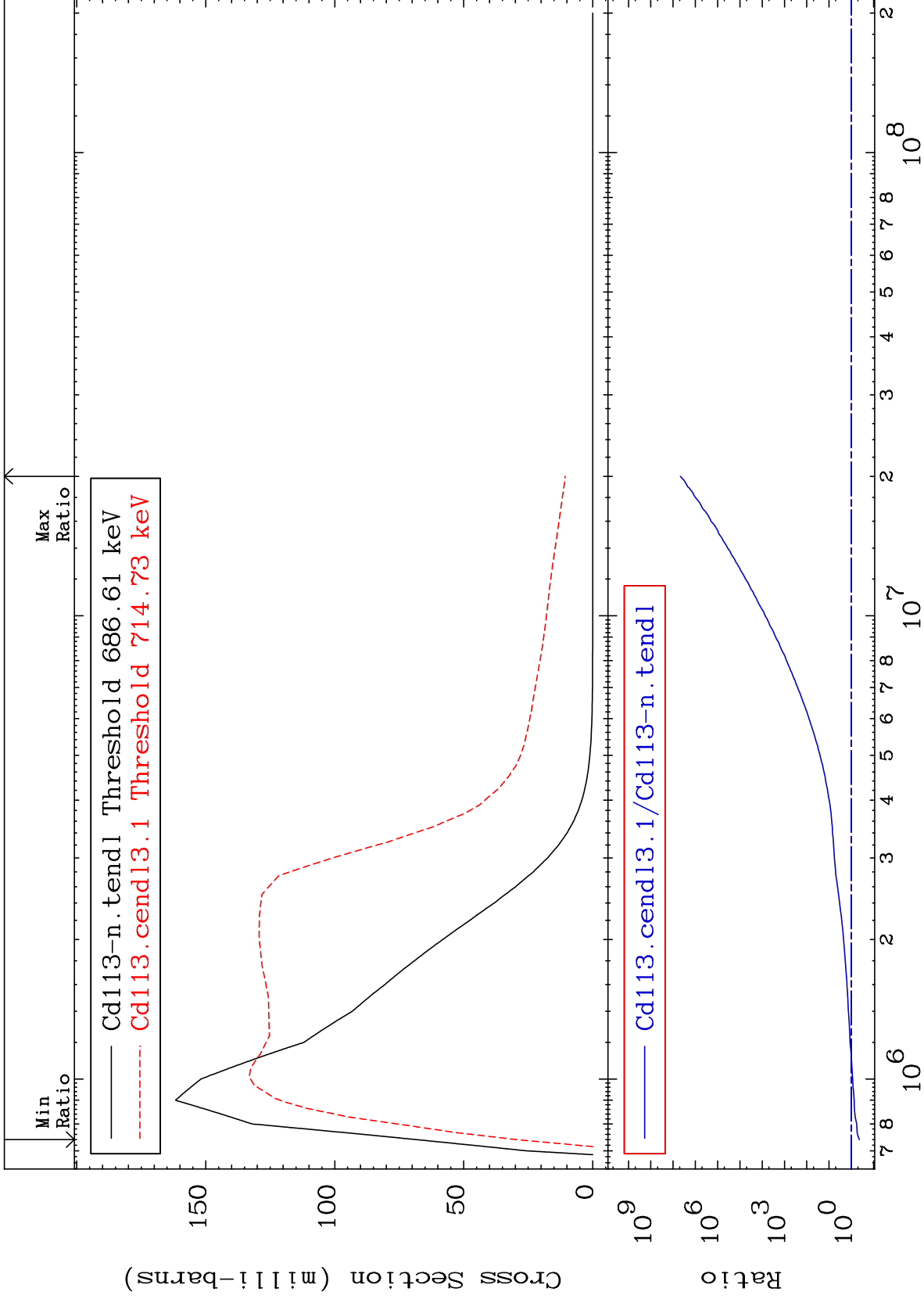
Incident Energy (eV)

48-Cd-113

MAT 4846

680.5 keV (n,n') Level
Cross Section

48-Cd-113
-56.68 To 9999. %



17

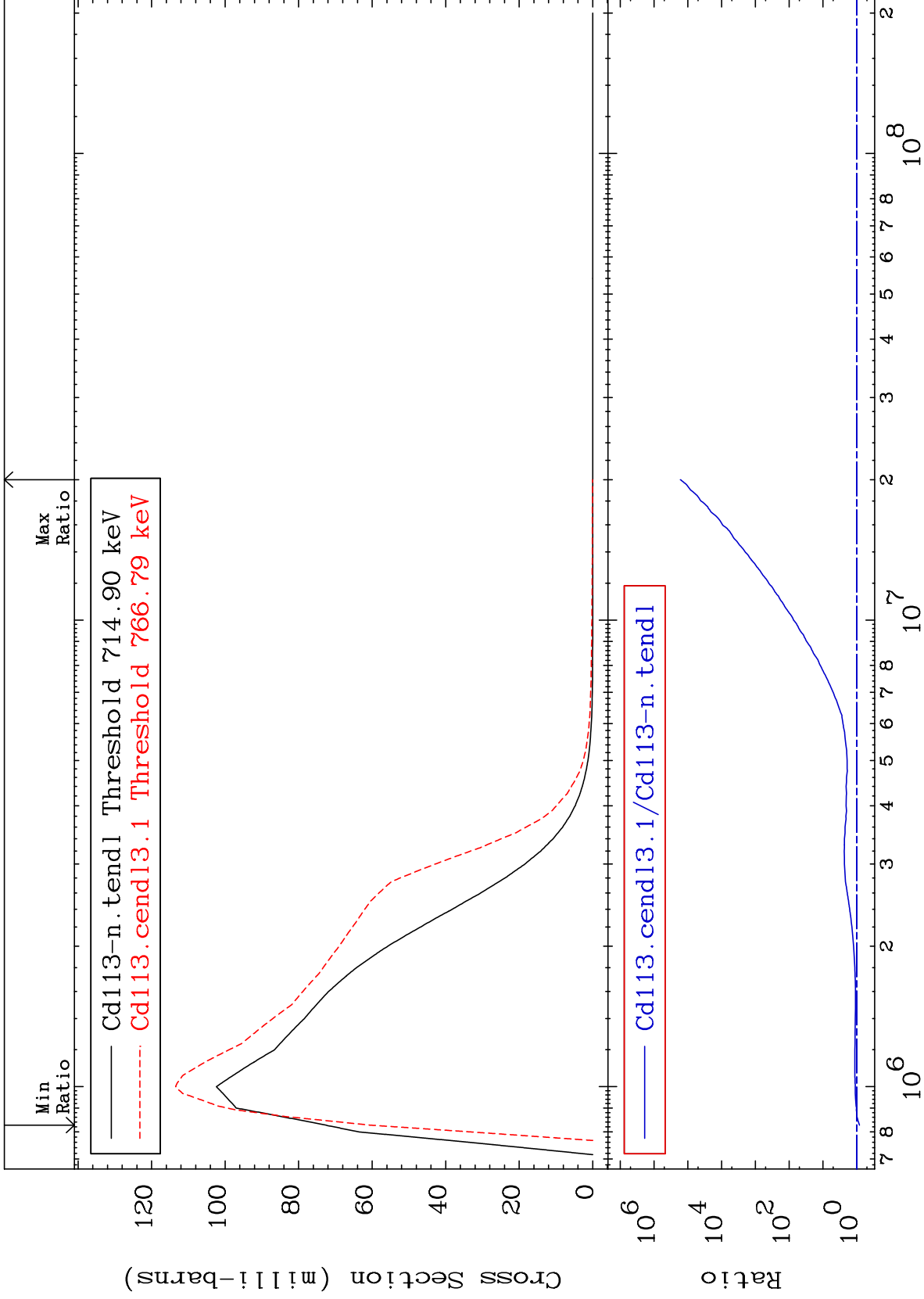
Incident Energy (eV)

48-Cd-113

MAT 4846

708.6 keV (n,n') Level
Cross Section

48-Cd-113
-16.57 To 9999. %



18

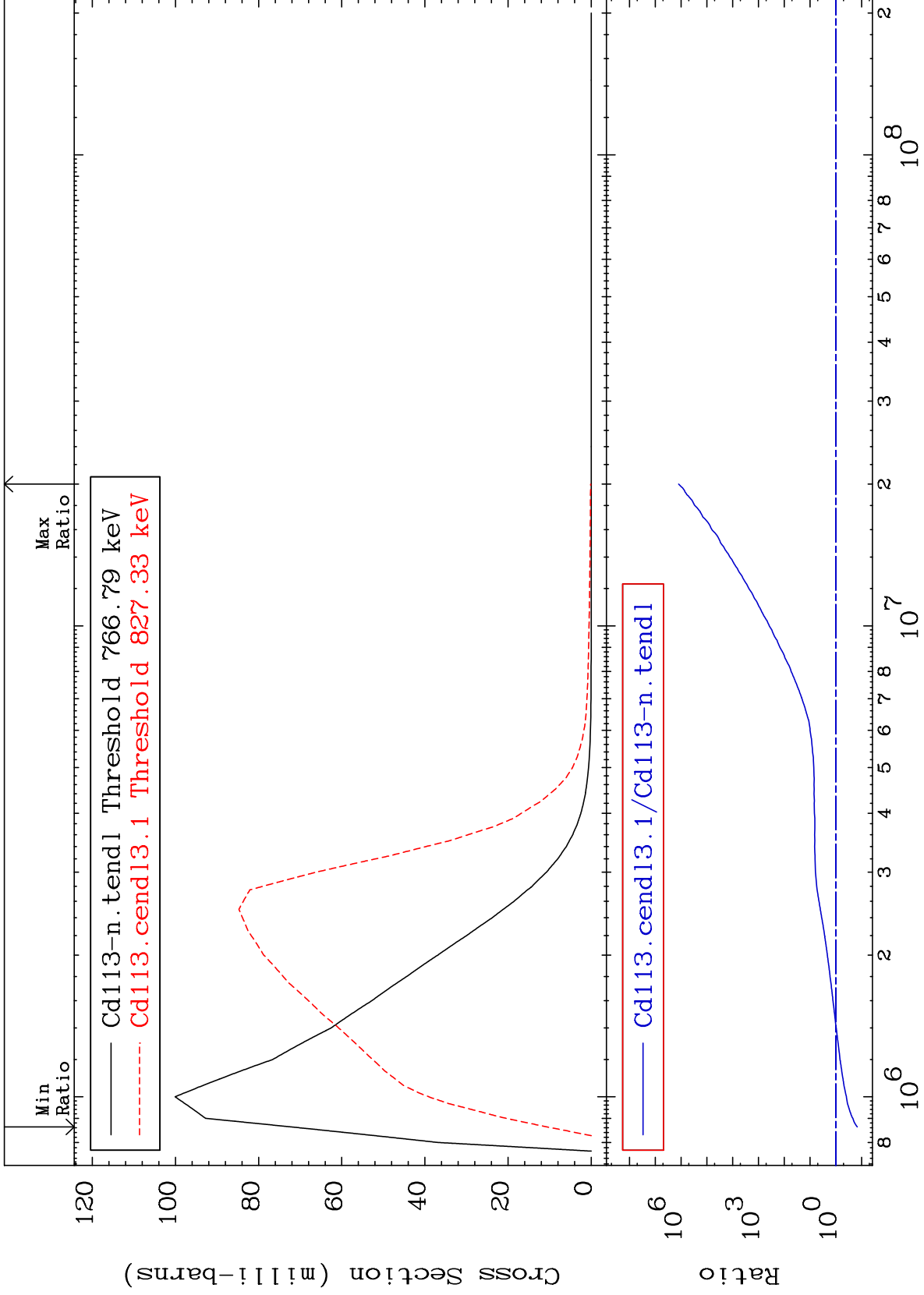
Incident Energy (eV)

48-Cd-113

MAT 4846

760.0 keV (n,n') Level
Cross Section

48-Cd-113
-85.23 To 9999. %



19

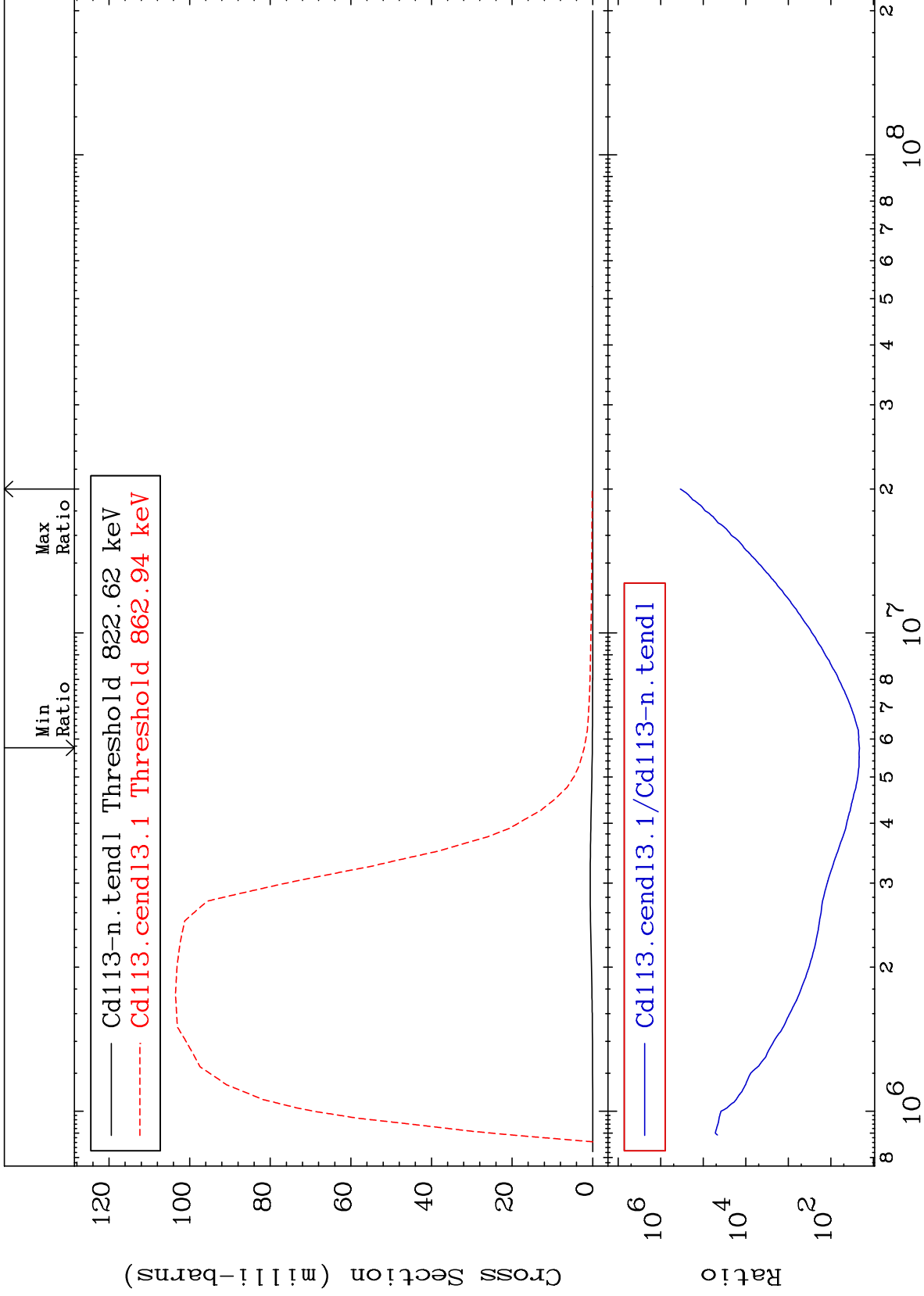
Incident Energy (eV)

48-Cd-113

MAT 4846

815.3 keV (n,n') Level
Cross Section

48-Cd-113
2036. To 9999. %



20

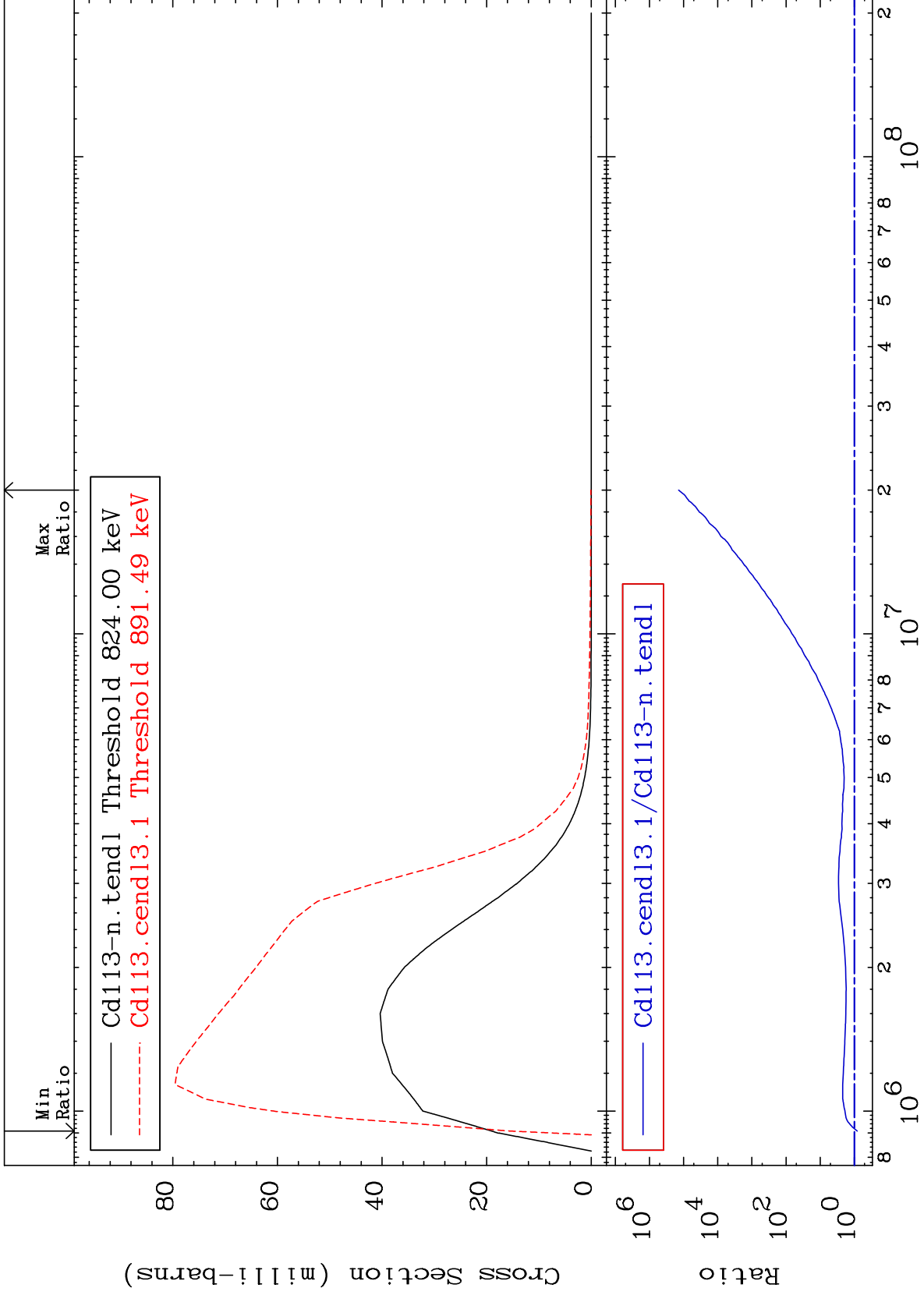
Incident Energy (eV)

48-Cd-113

MAT 4846

816.7 keV (n,n') Level
Cross Section

48-Cd-113
-18.02 To 9999. %



21

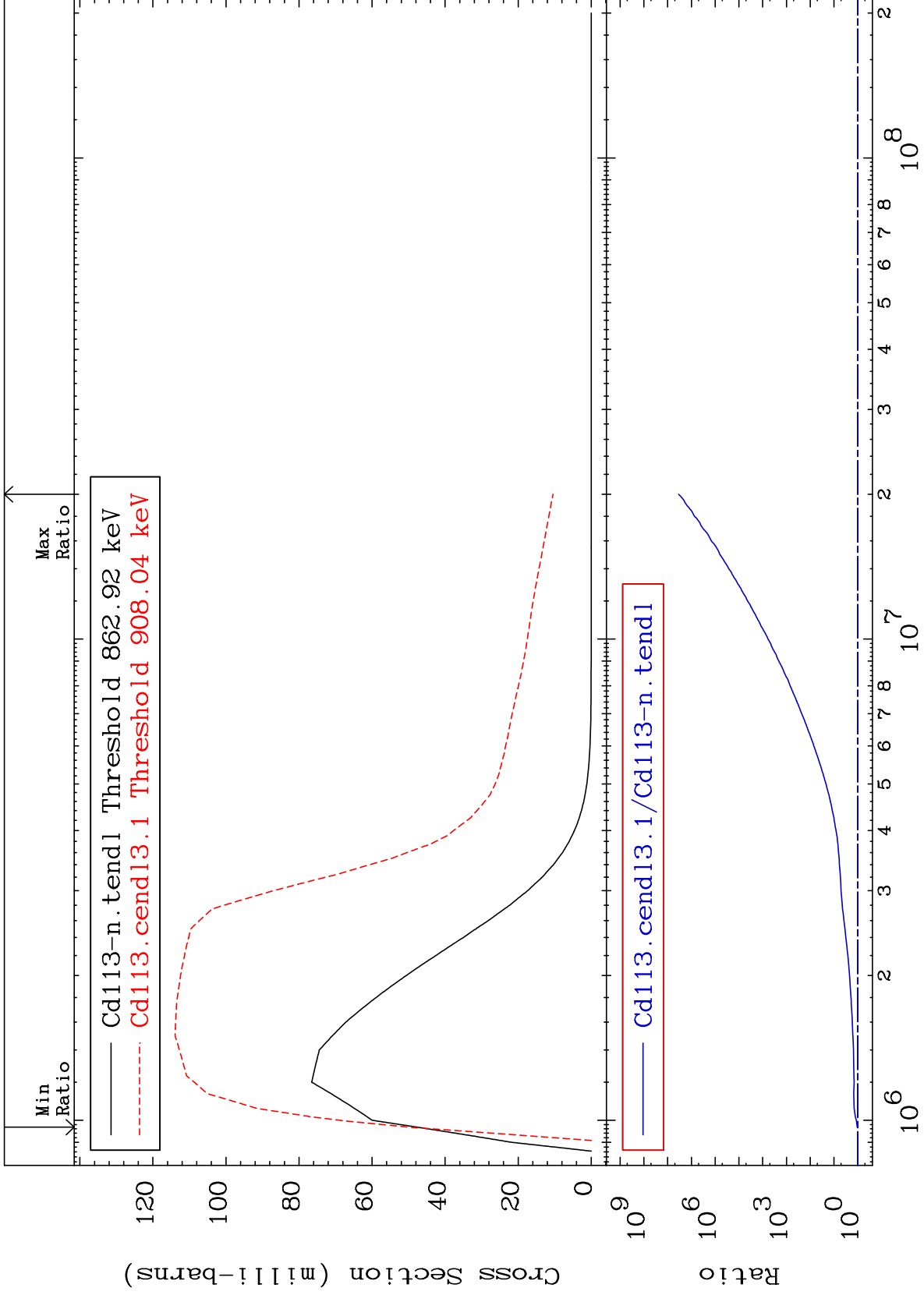
Incident Energy (eV)

48-Cd-113

MAT 4846

855.3 keV (n,n') Level
Cross Section

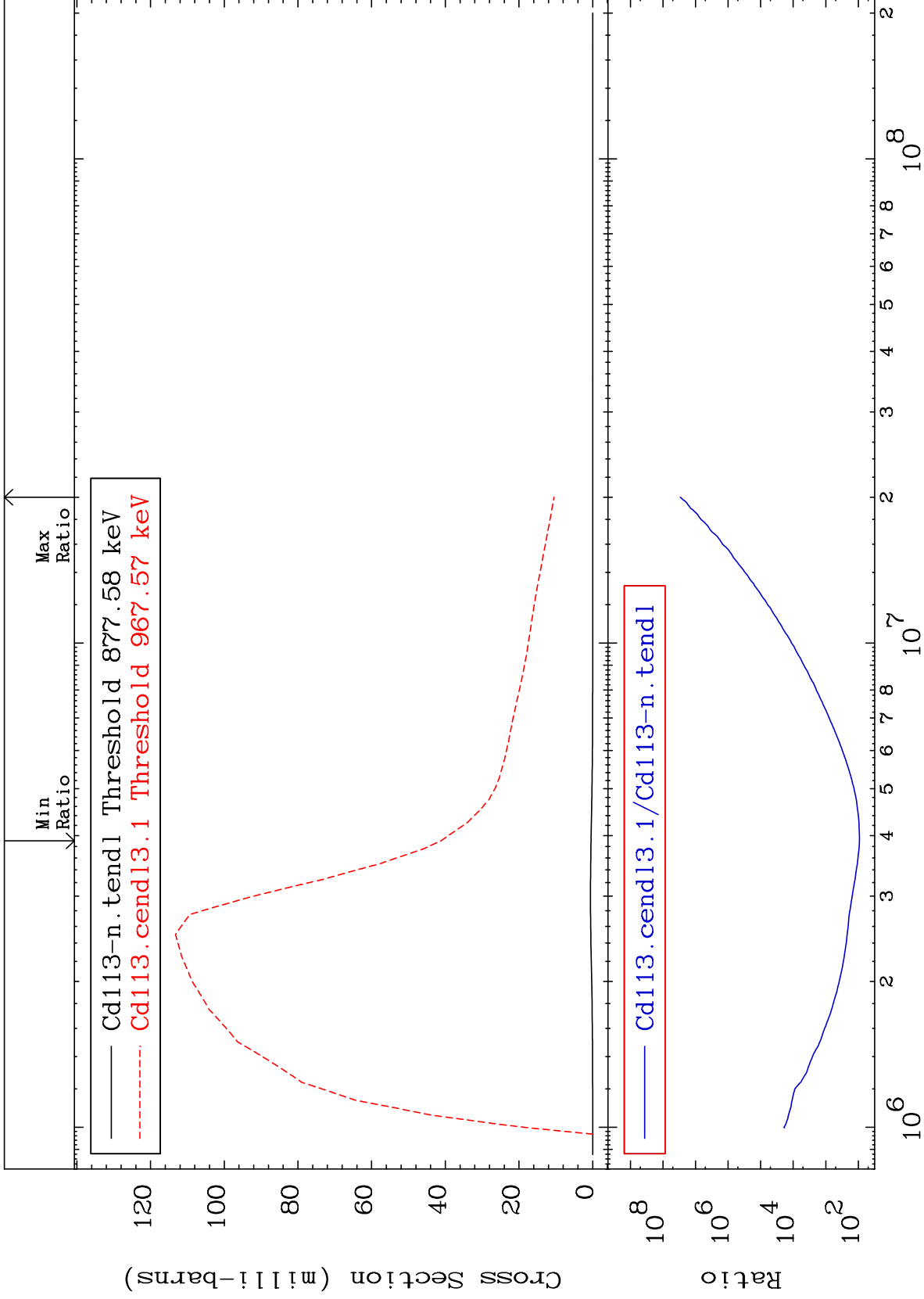
4.826 To 9999. %
48-Cd-113



MAT 4846

869.8 keV (n,n') Level
Cross Section

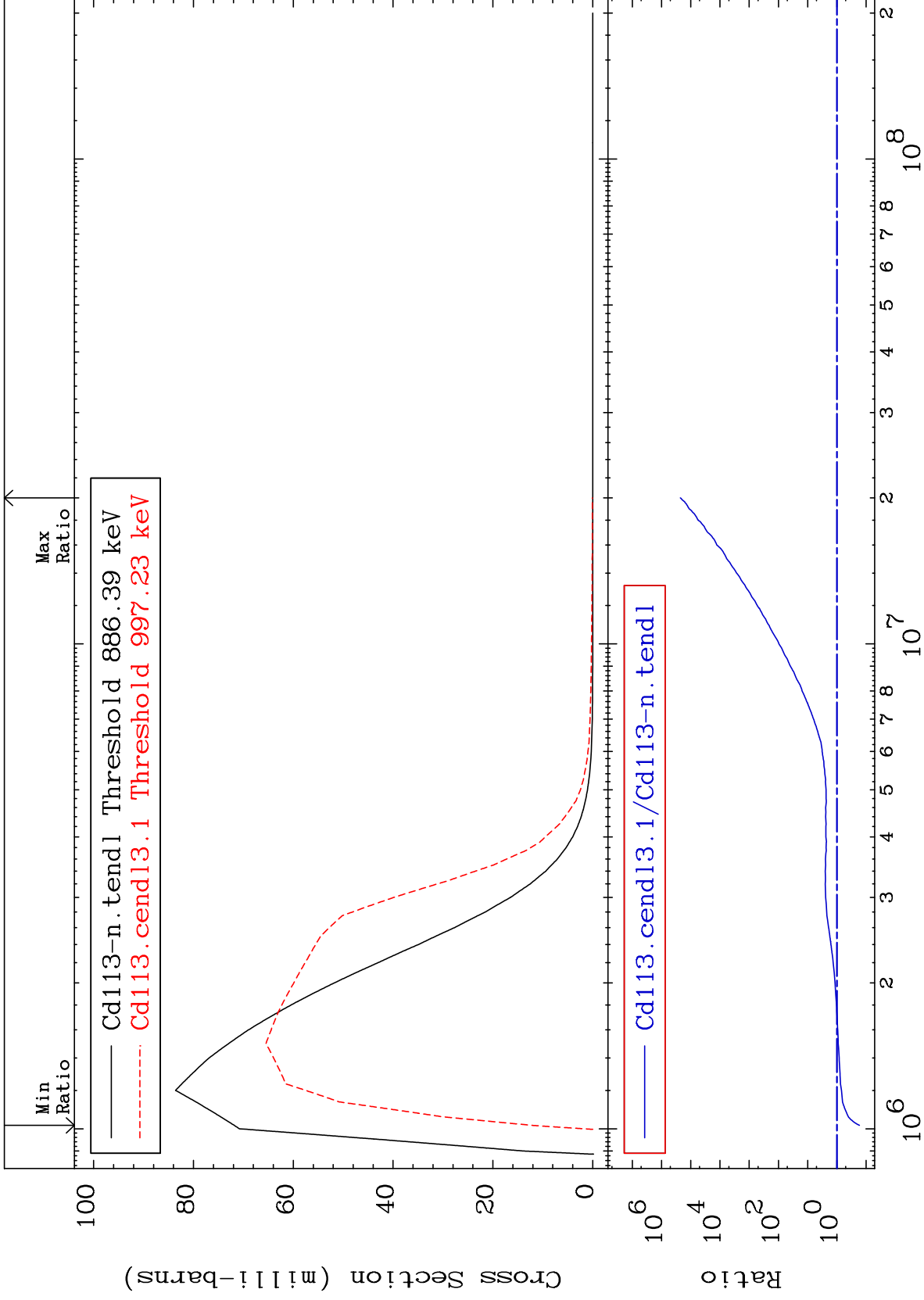
48-Cd-113
To 9999. %



MAT 4846

878.5 keV (n,n') Level
Cross Section

48-Cd-113
-83.16 To 9999. %



24

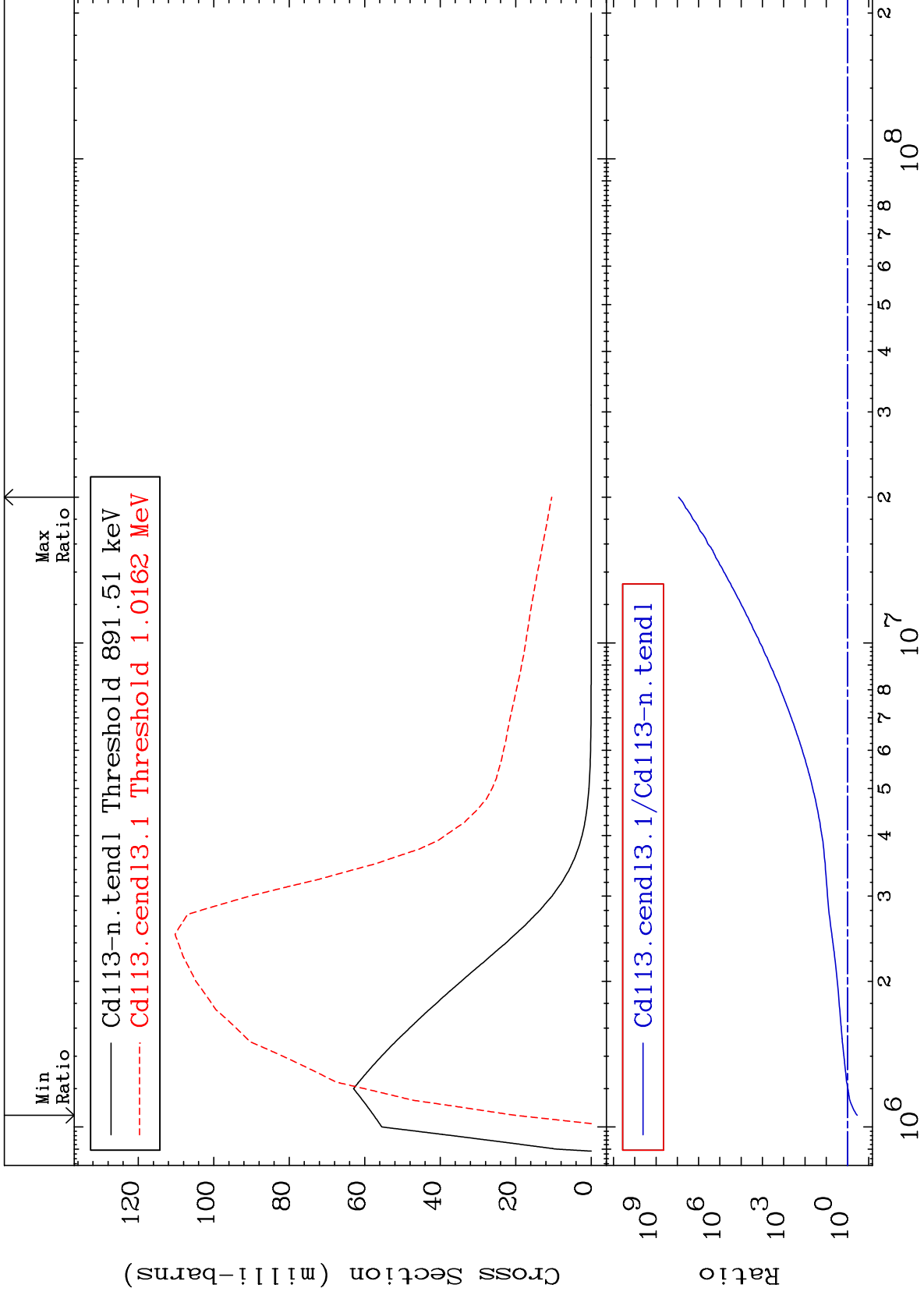
Incident Energy (eV)

48-Cd-113

MAT 4846

883.6 keV (n,n') Level
Cross Section

48-Cd-113
-65.19 To 9999. %



25

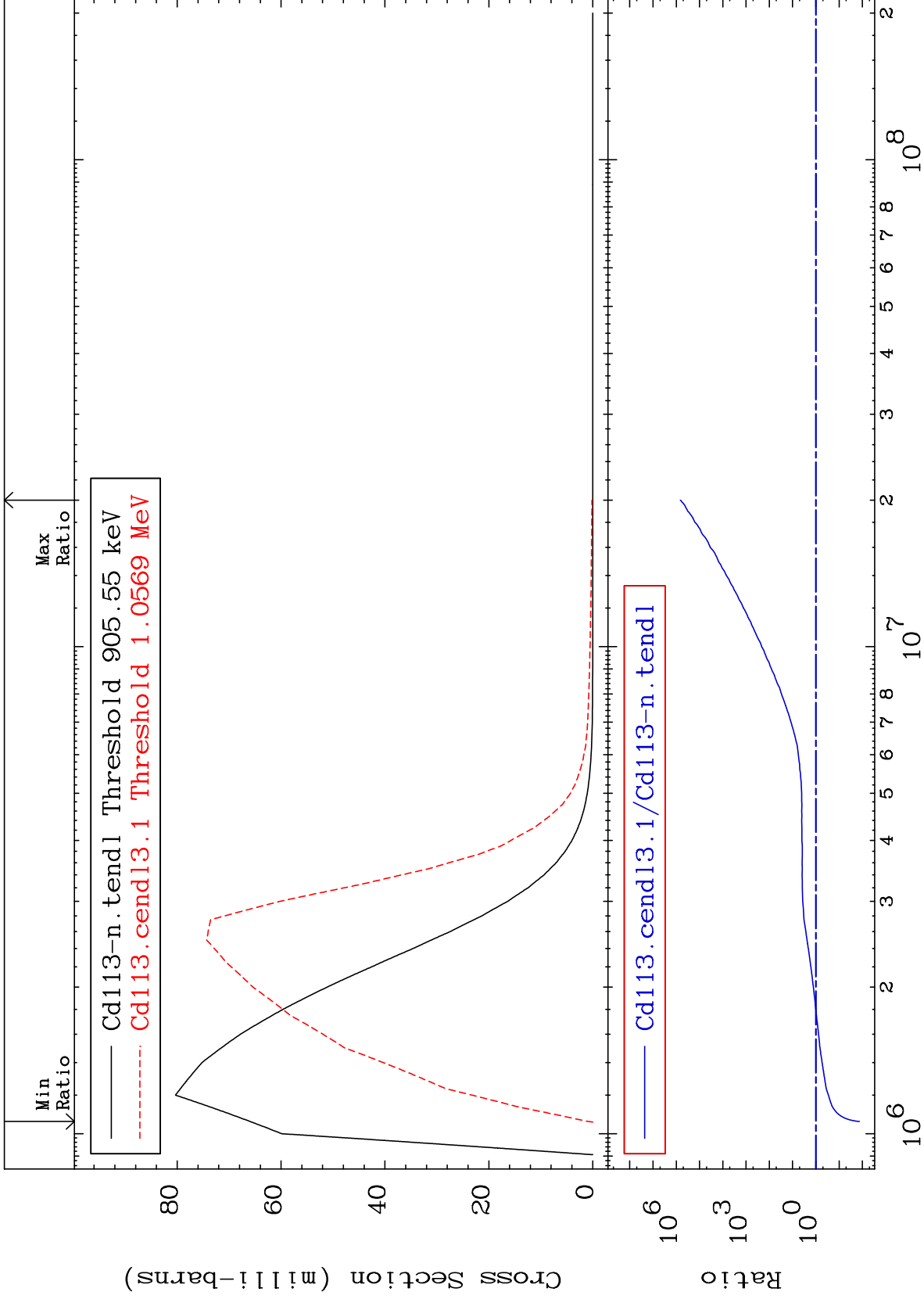
Incident Energy (eV)

48-Cd-113

MAT 4846

897.5 keV (n,n') Level
Cross Section

48-Cd-113
-98.66 To 9999. %



26

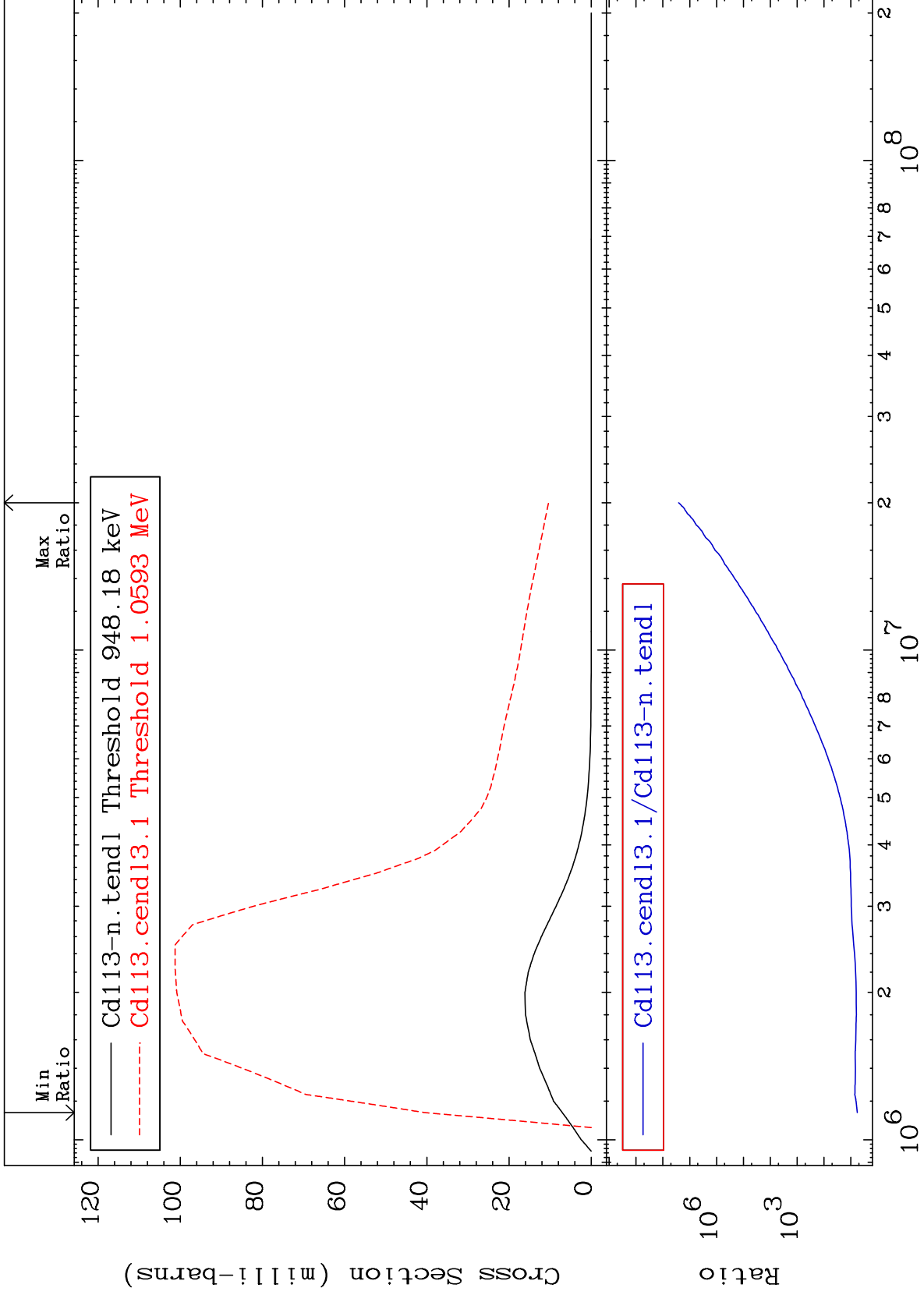
Incident Energy (eV)

48-Cd-113

MAT 4846

939.8 keV (n,n') Level
Cross Section

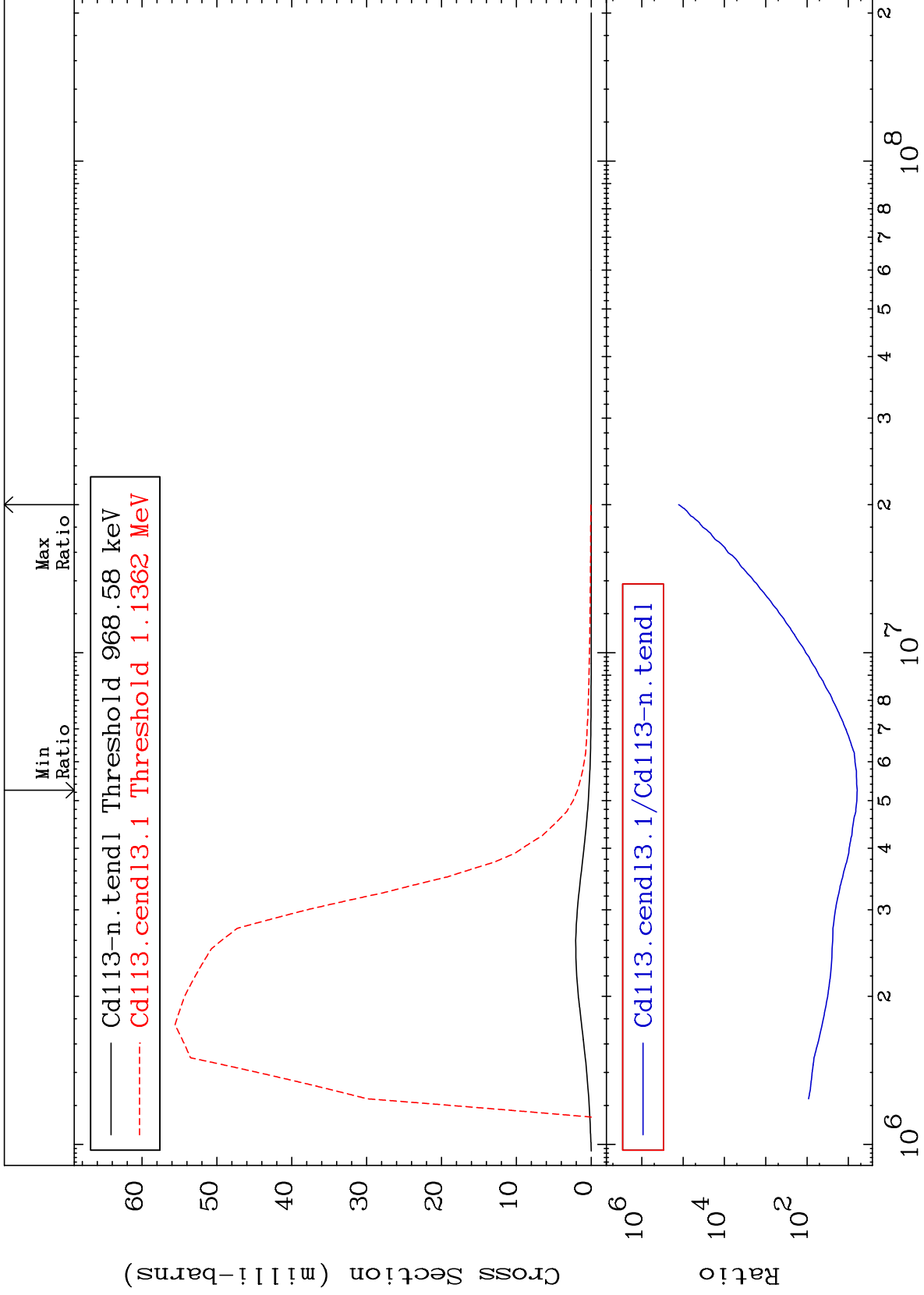
475.8 To 9999. %
48-Cd-113



MAT 4846

960.0 keV (n,n') Level
Cross Section

48-Cd-113
508.7 To 9999. %



28

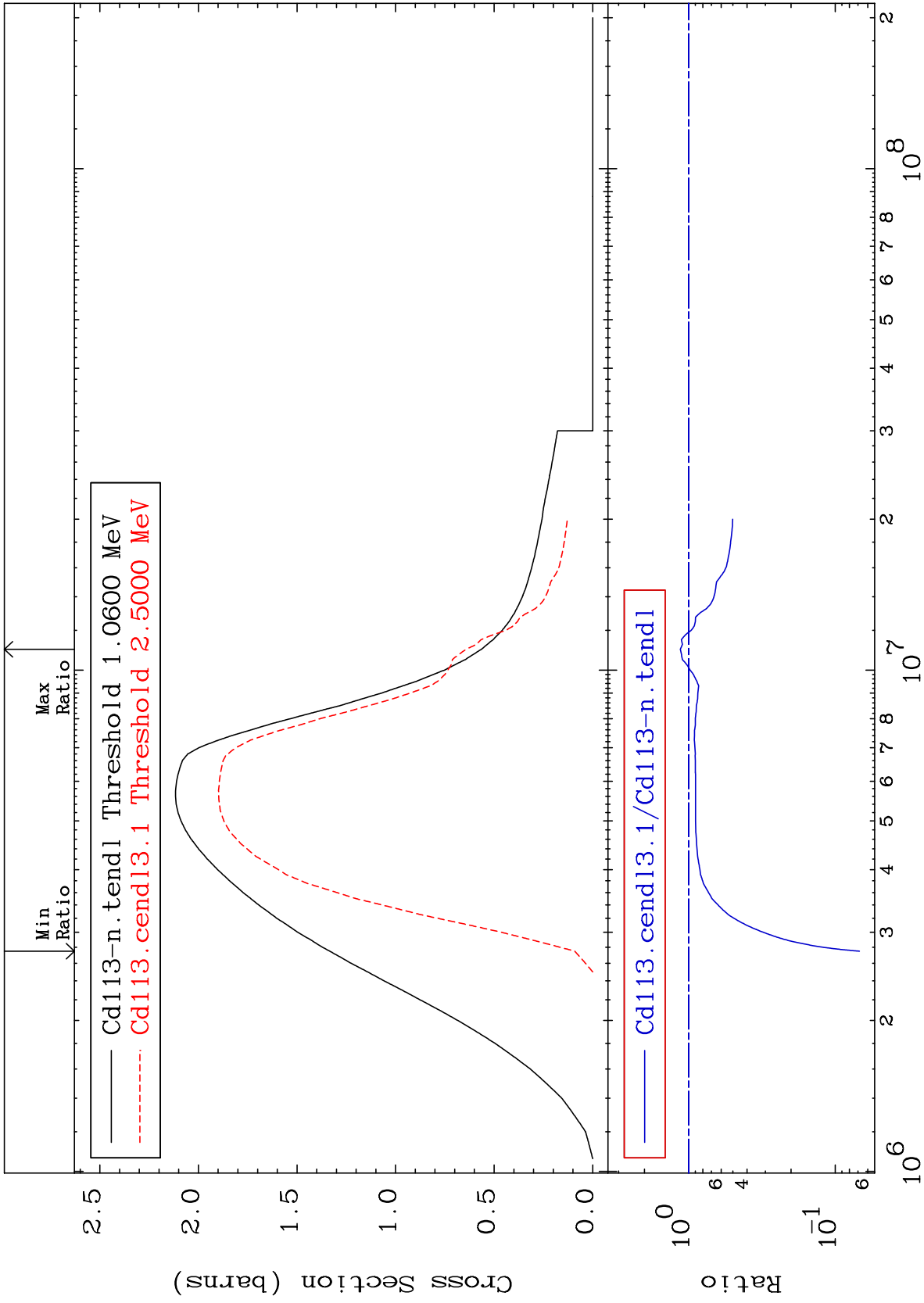
Incident Energy (eV)

48-Cd-113

MAT 4846

(n, n') Continuum
Cross Section

48-Cd-113
-93.16 To 13.87 %



29

48-Cd-113

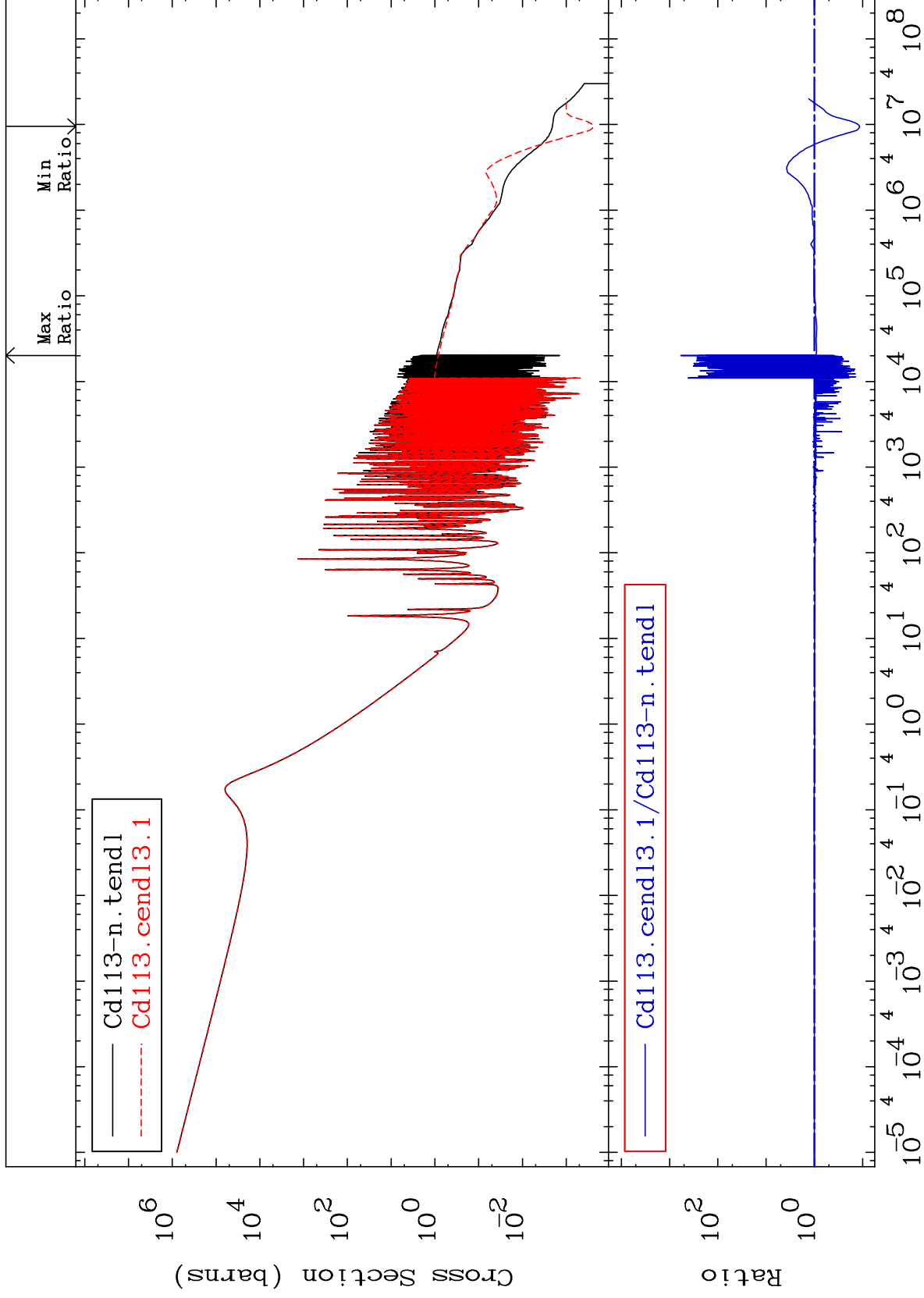
MAT 4846

(n, γ)

48-Cd-113

Cross Section

-88.37 To 9999. %



Incident Energy (eV)

48-Cd-113

30

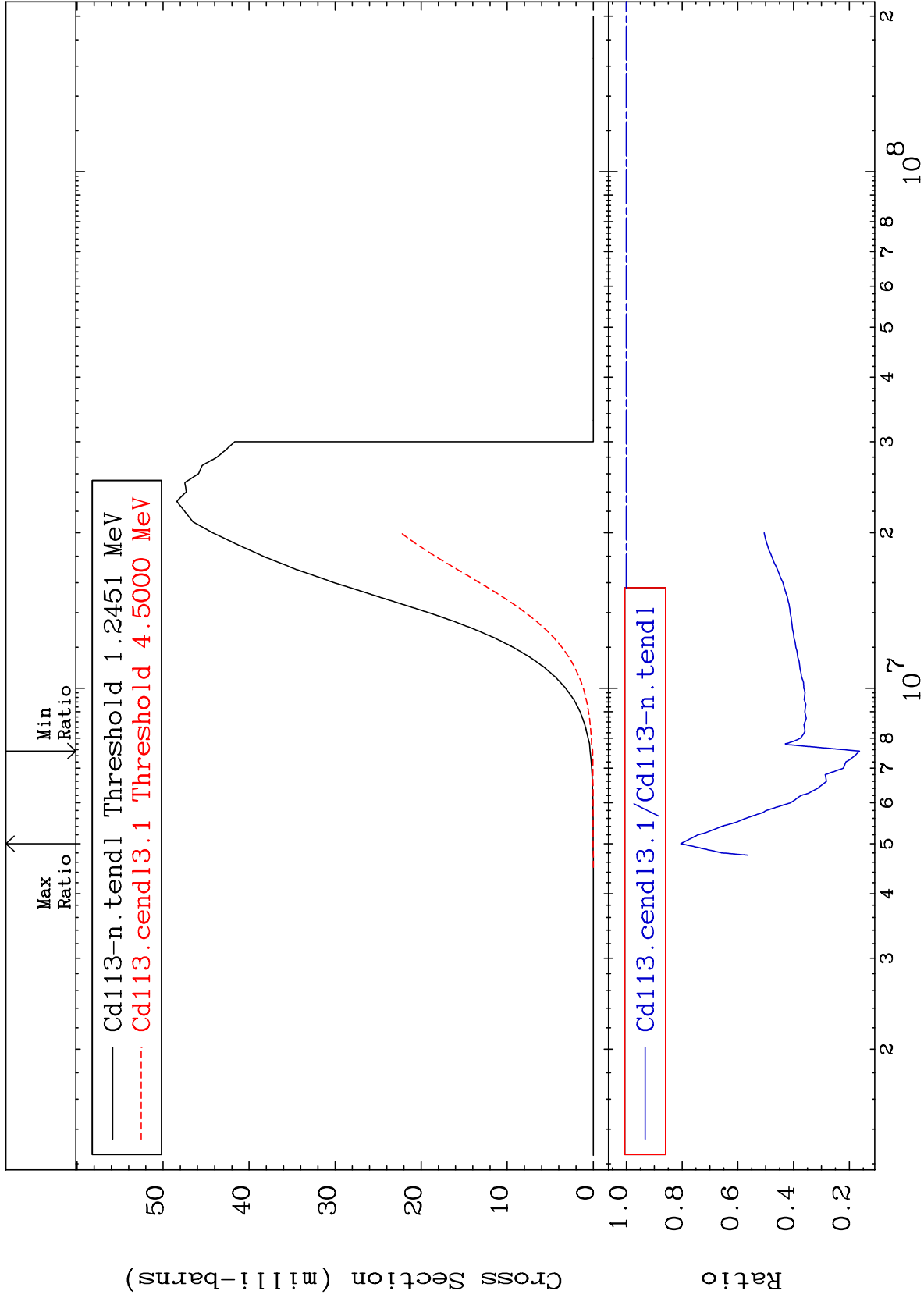
MAT 4846

(n,p)

48-Cd-113

Cross Section

-83.67 To -19.53%



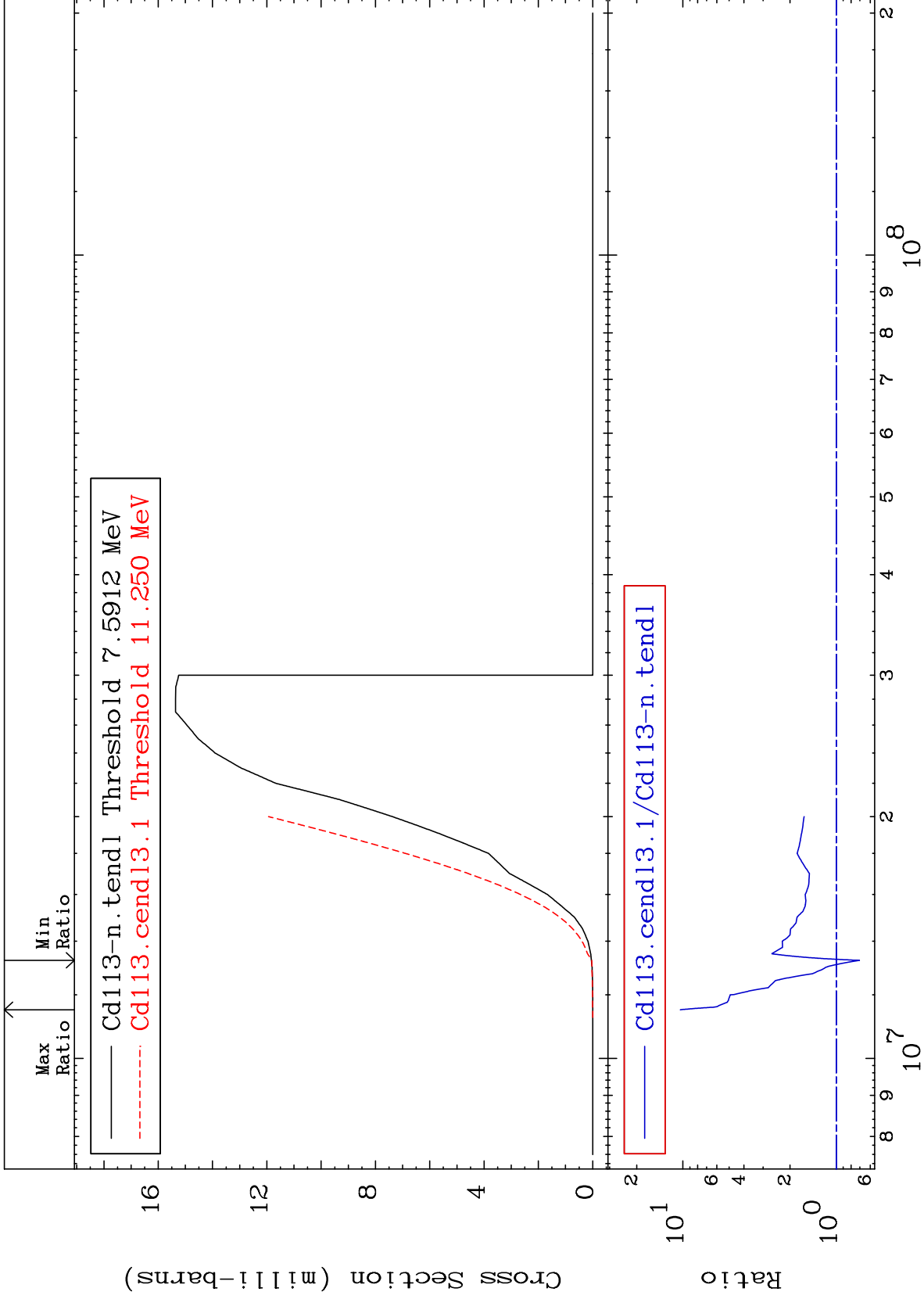
MAT 4846

(n, d)

48-Cd-113

Cross Section

-29.46 To 938.3 %



32

Incident Energy (eV)

48-Cd-113

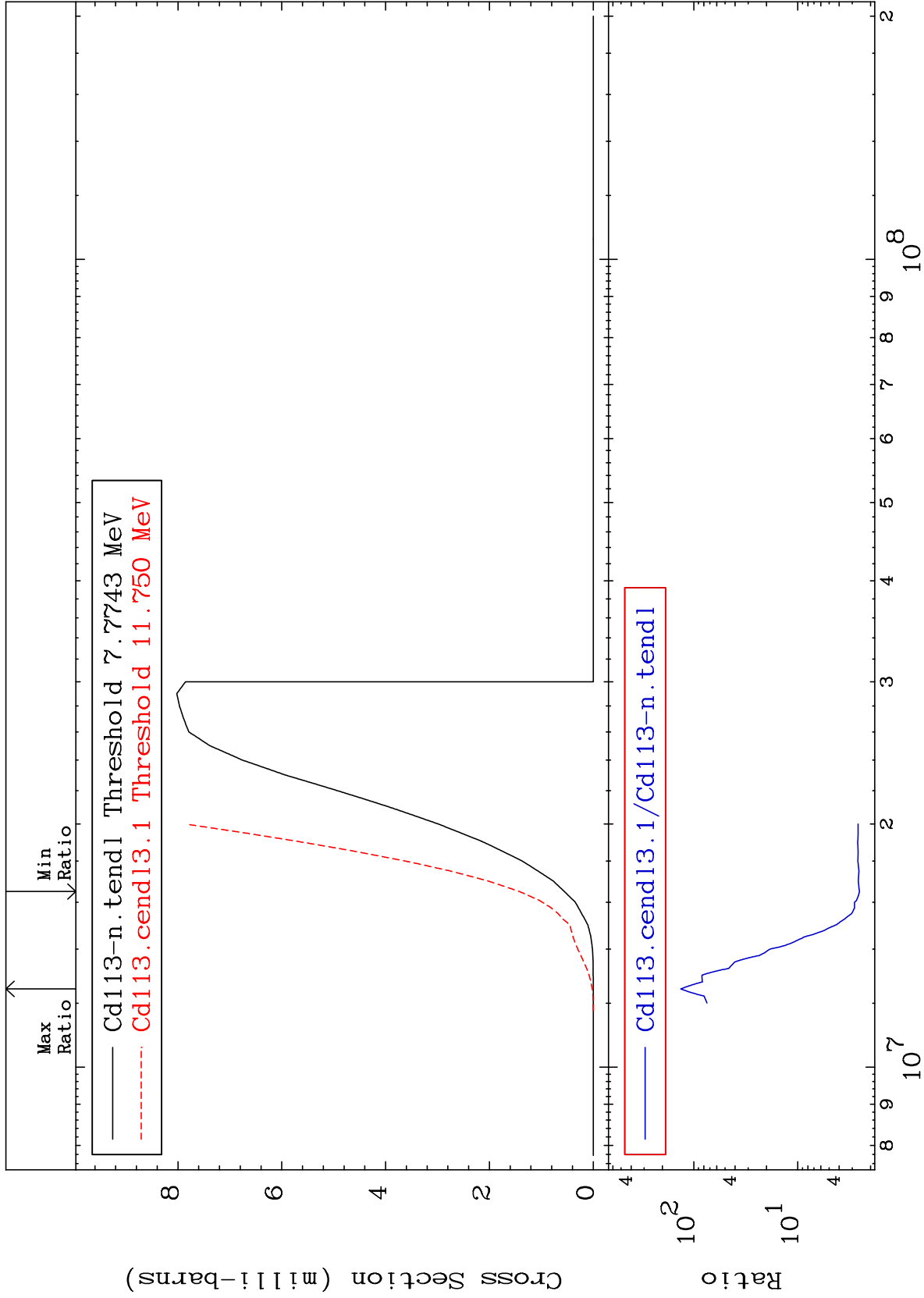
MAT 4846

(n, t)

48-Cd-113

Cross Section

154.9 To 9999. %



33

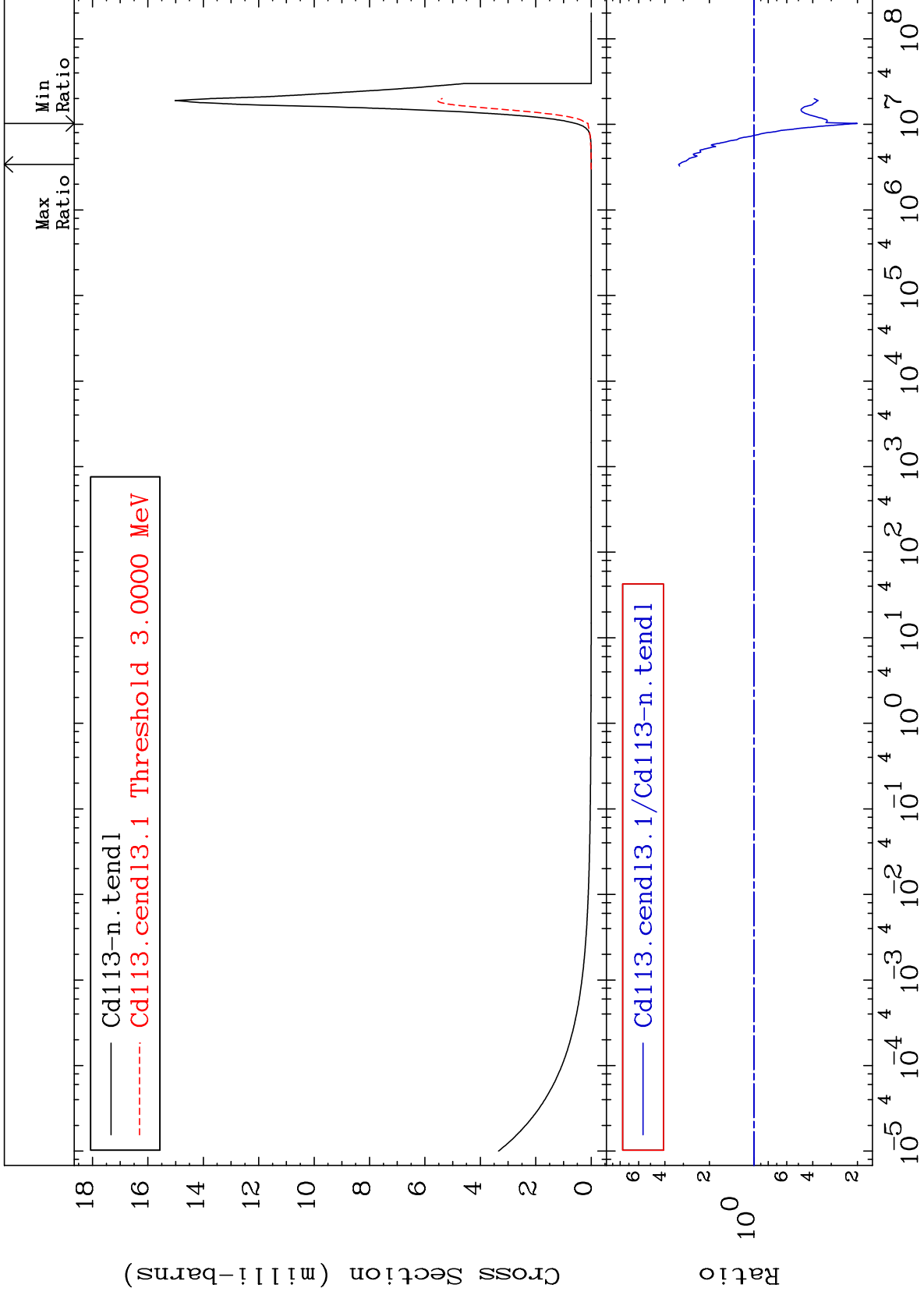
48-Cd-113

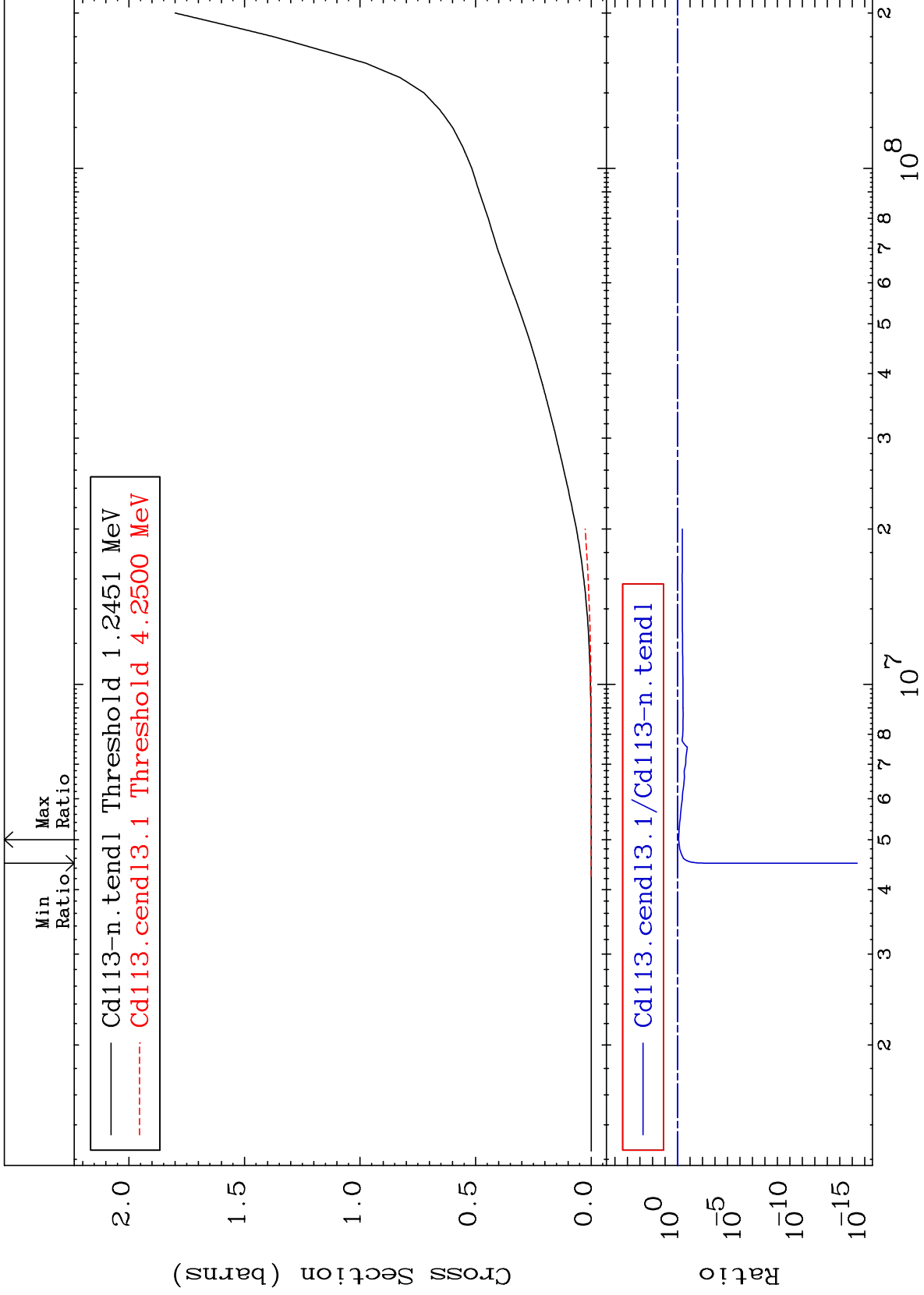
48-Cd-113

MAT 4846

(n, α)
Cross Section

48-Cd-113
-79.96 To 222.5 %

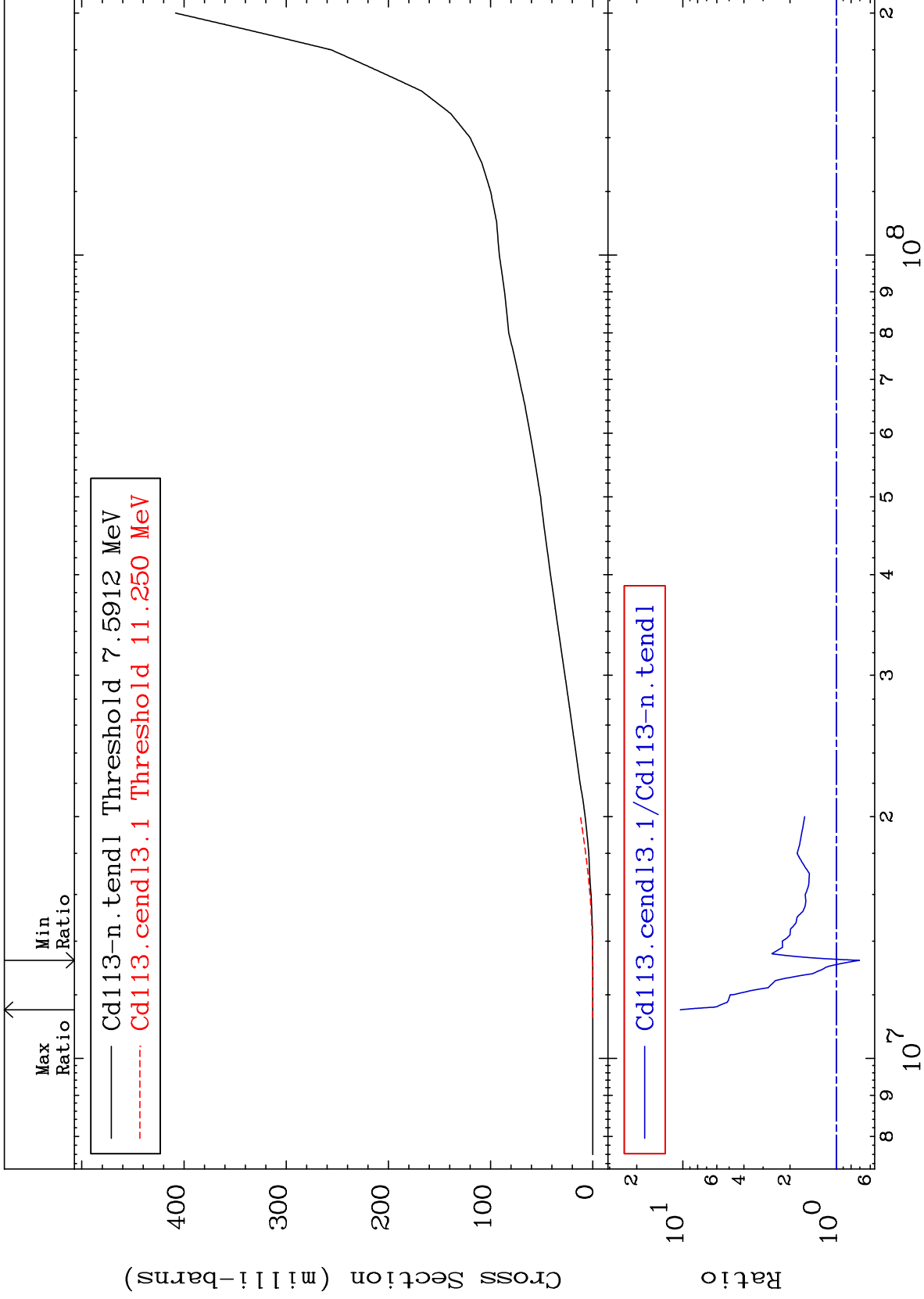




MAT 4846

Deuterium Production
Cross Section

48-Cd-113
-29.46 To 938.3 %



36

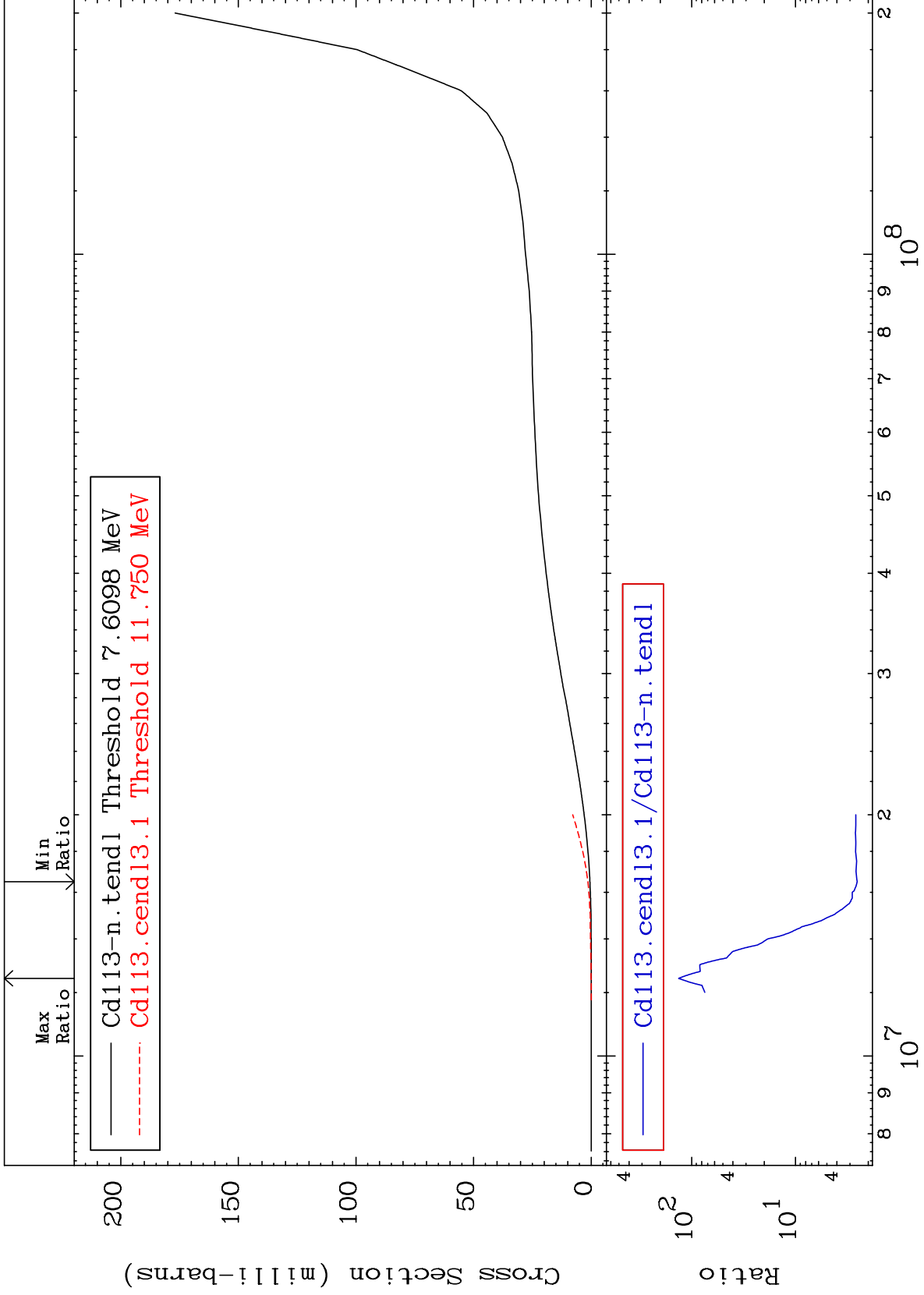
Incident Energy (eV)

48-Cd-113

MAT 4846

Tritium Production
Cross Section

48-Cd-113
154.9 To 9999. %



37

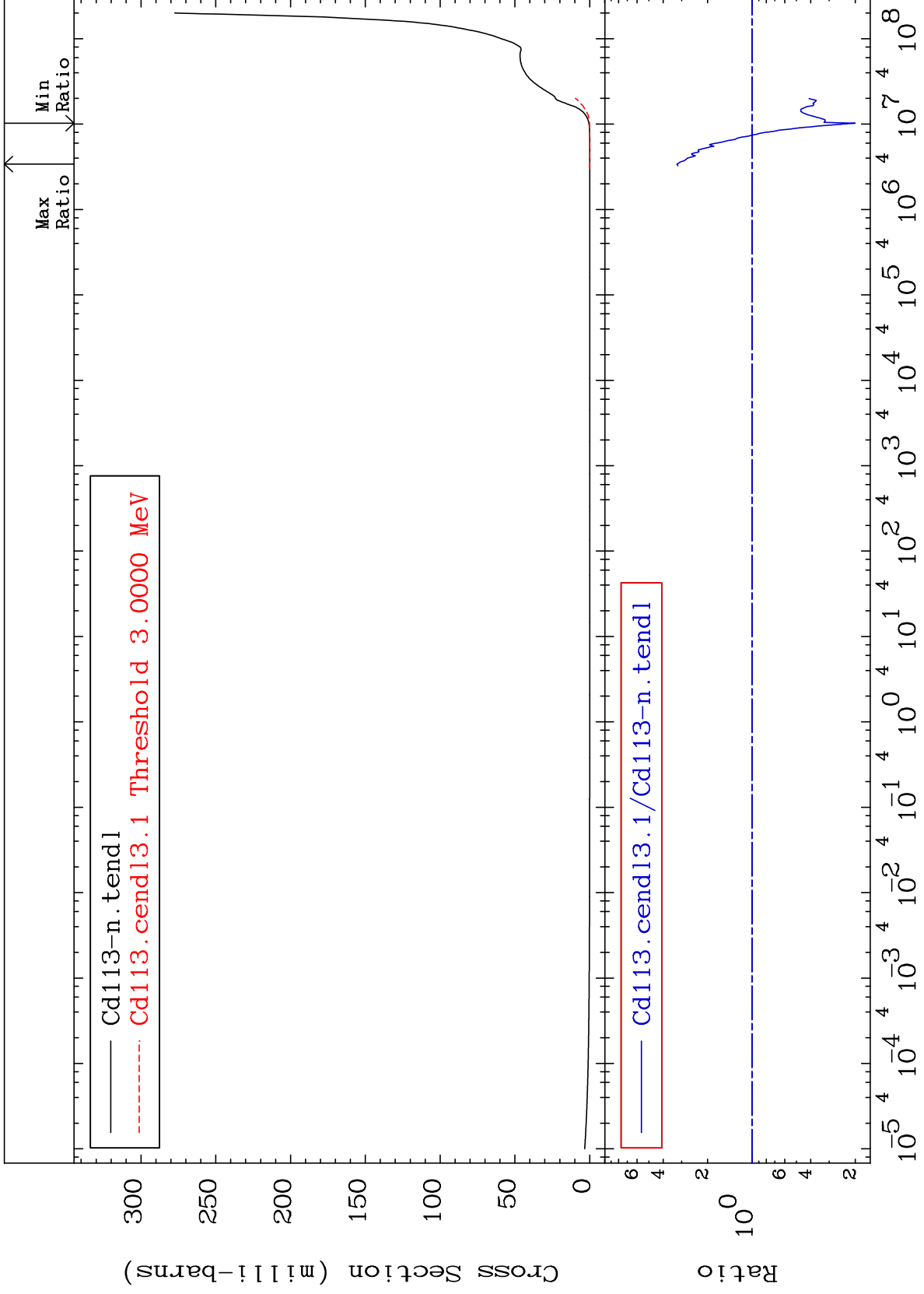
Incident Energy (eV)

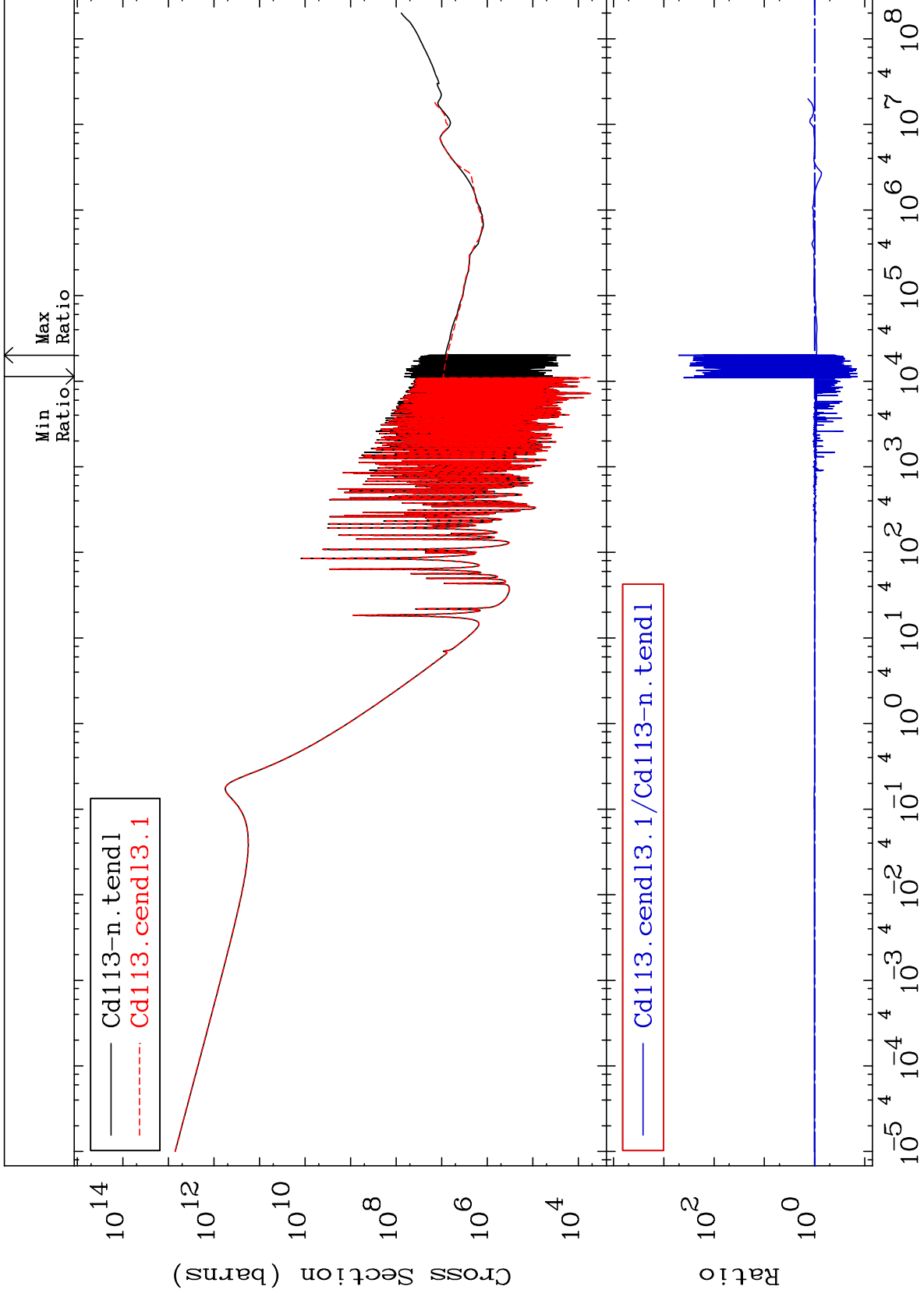
48-Cd-113

MAT 4846

He-4 Production
Cross Section

48-Cd-113
-79.96 To 222.5 %

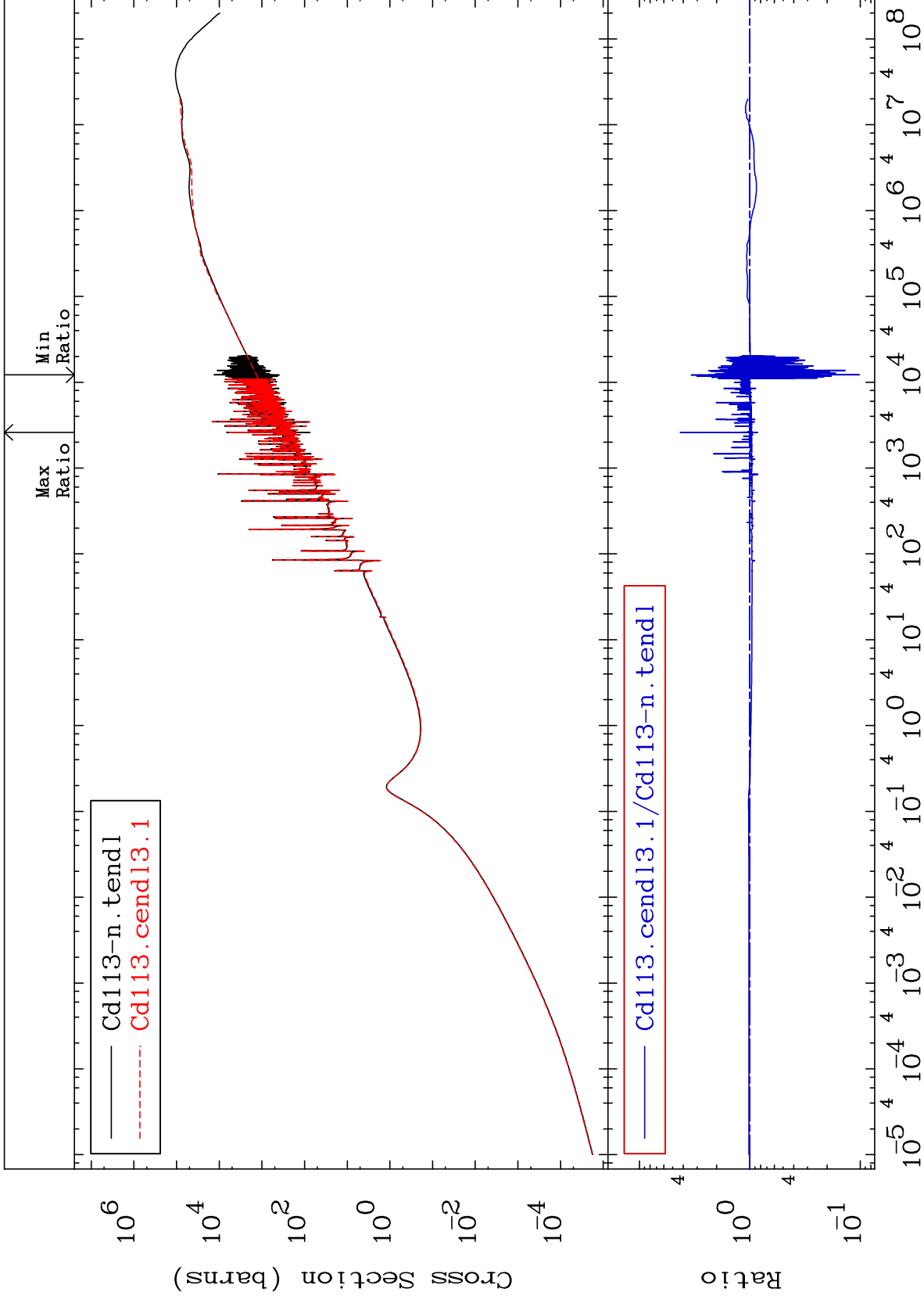




MAT 4846

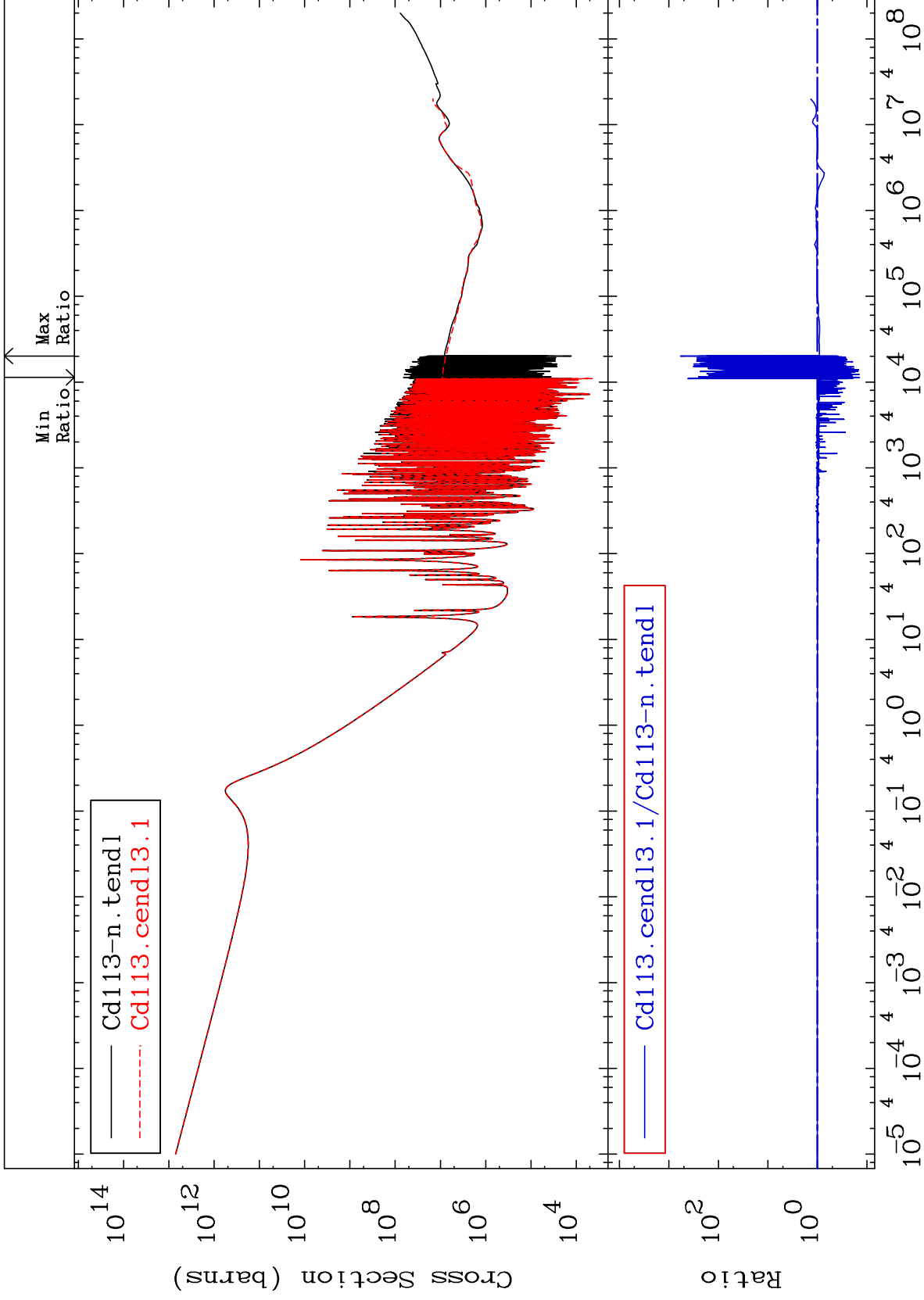
Kerma elastic
Cross Section

48-Cd-113
-89.82 To 325.3 %



Incident Energy (eV)

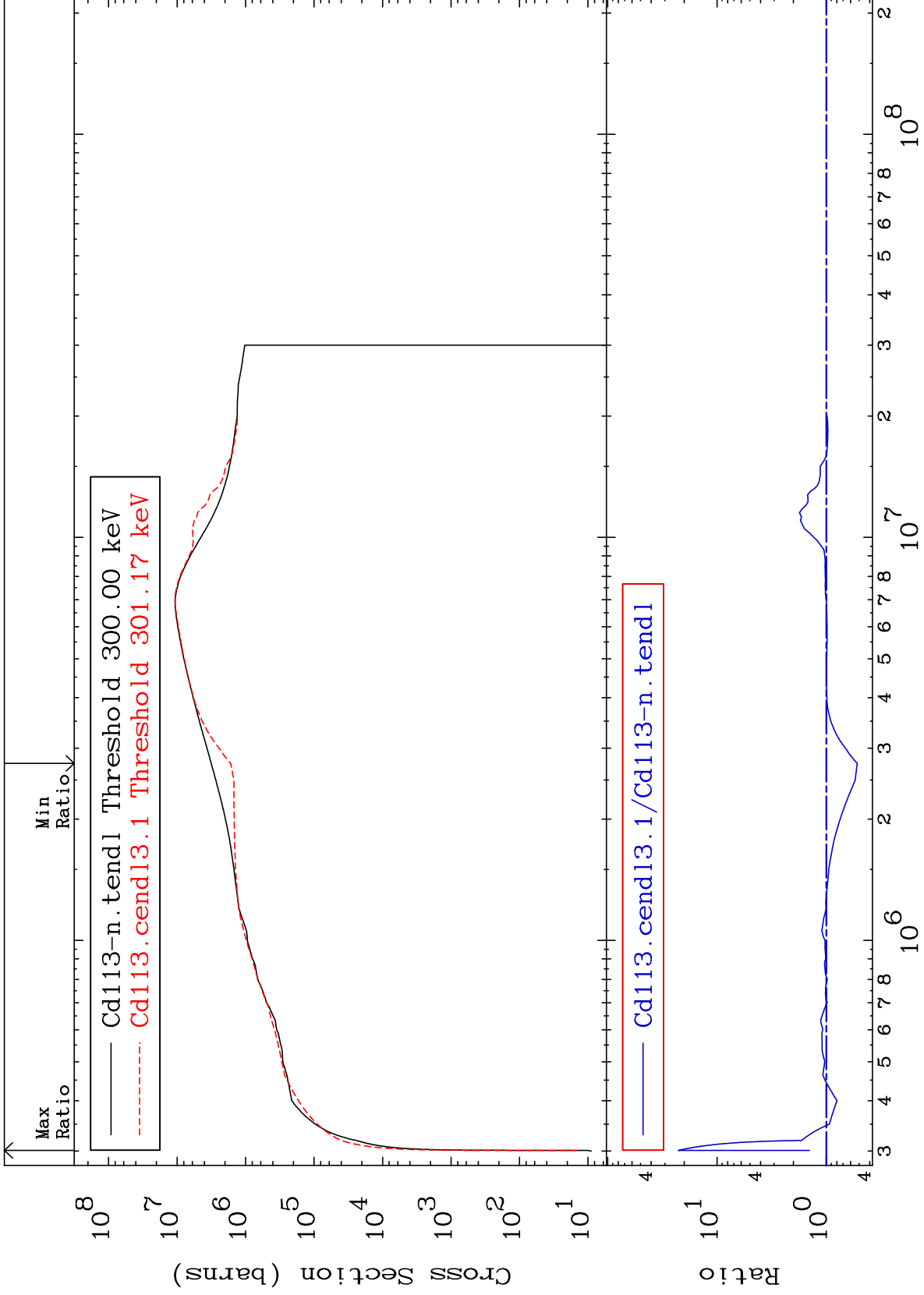
48-Cd-113



MAT 4846

Kerma inelastic (mt51-91)
Cross Section

48-Cd-113
-47.95 To 2144. %



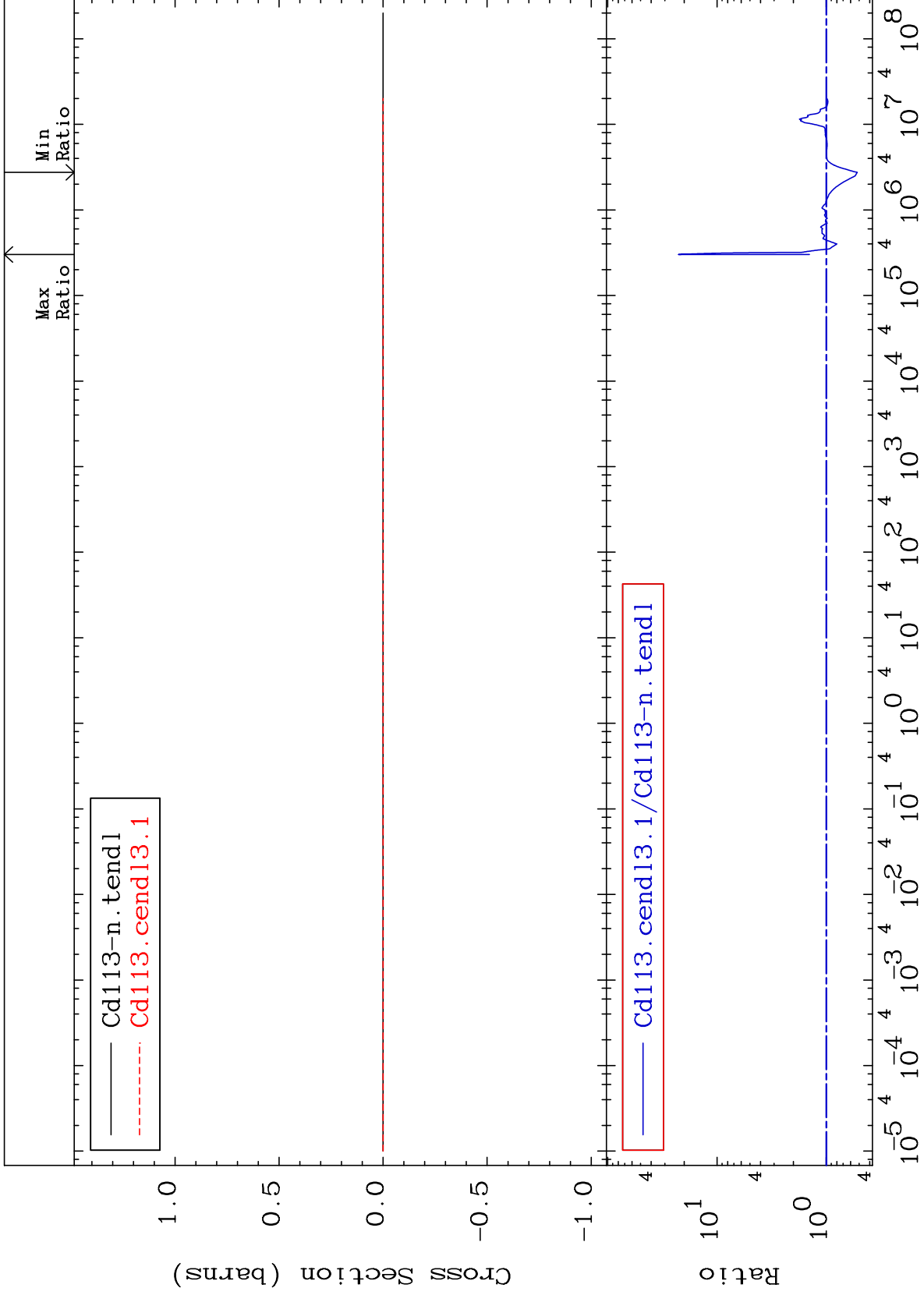
42

48-Cd-113

MAT 4846

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

48-Cd-113
-47.95 To 2144. %



43

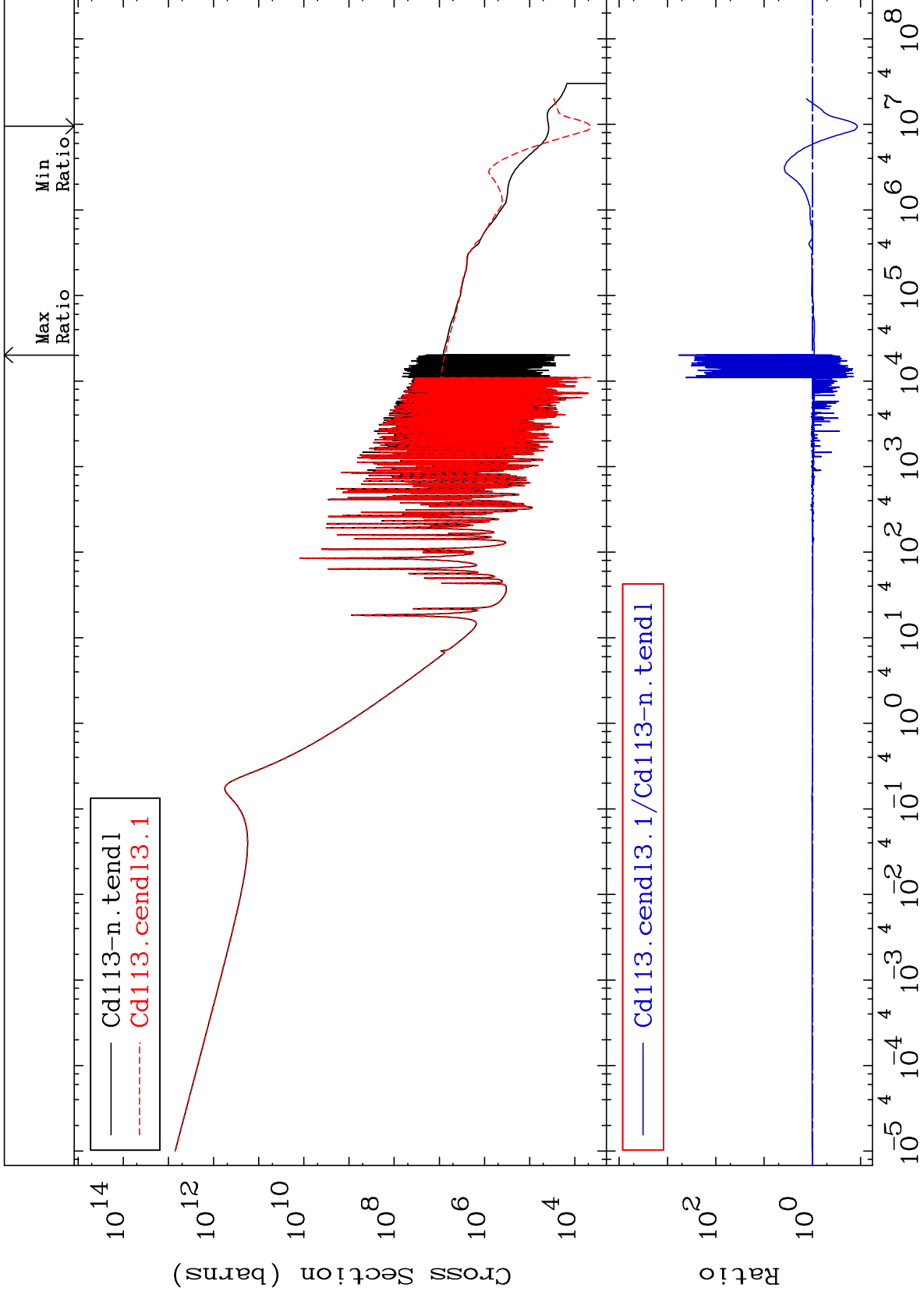
Incident Energy (eV)

48-Cd-113

MAT 4846

Kerma capture (mt102)
Cross Section

48-Cd-113
-88.27 To 9999. %



44

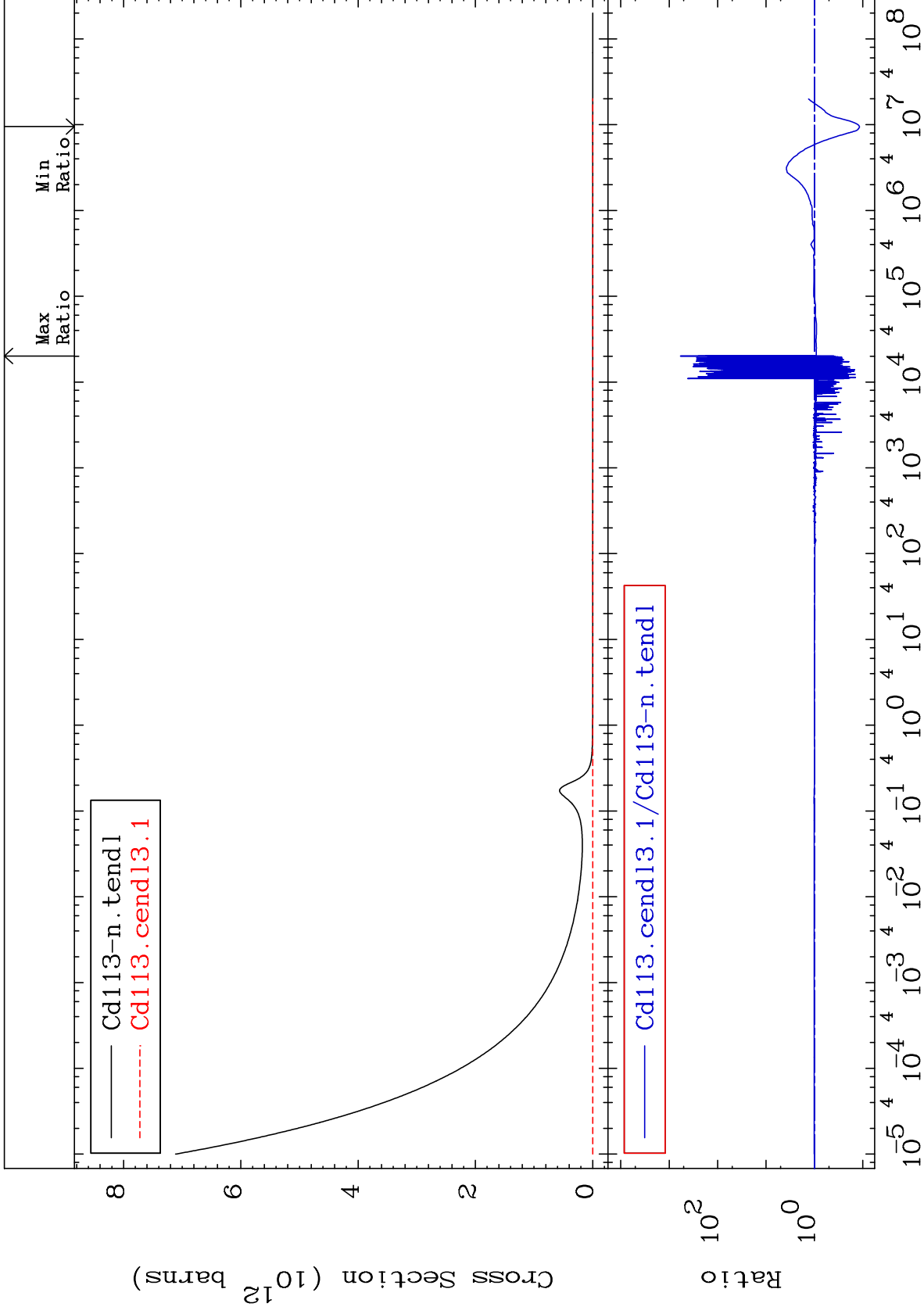
Incident Energy (eV)

48-Cd-113

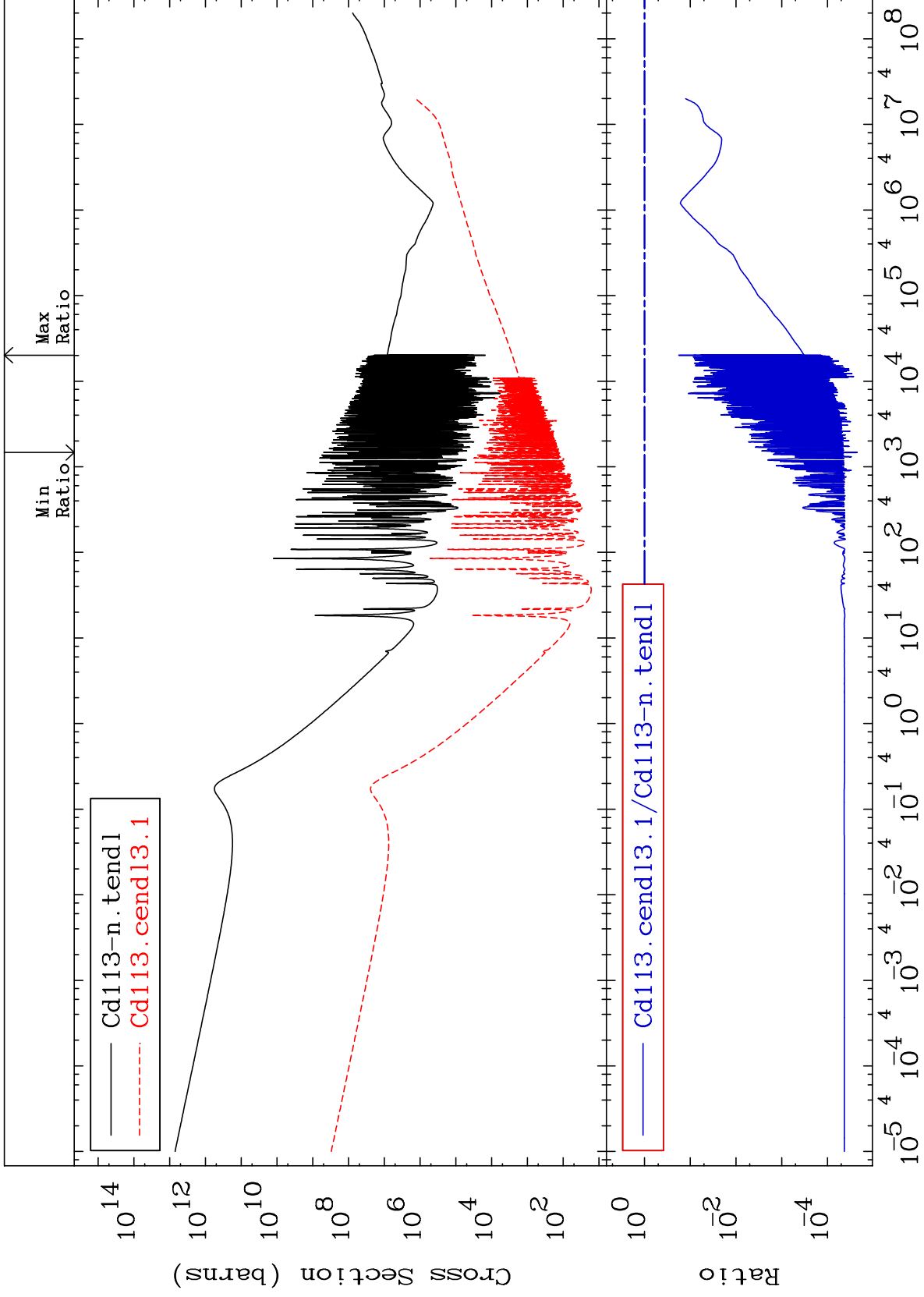
MAT 4846

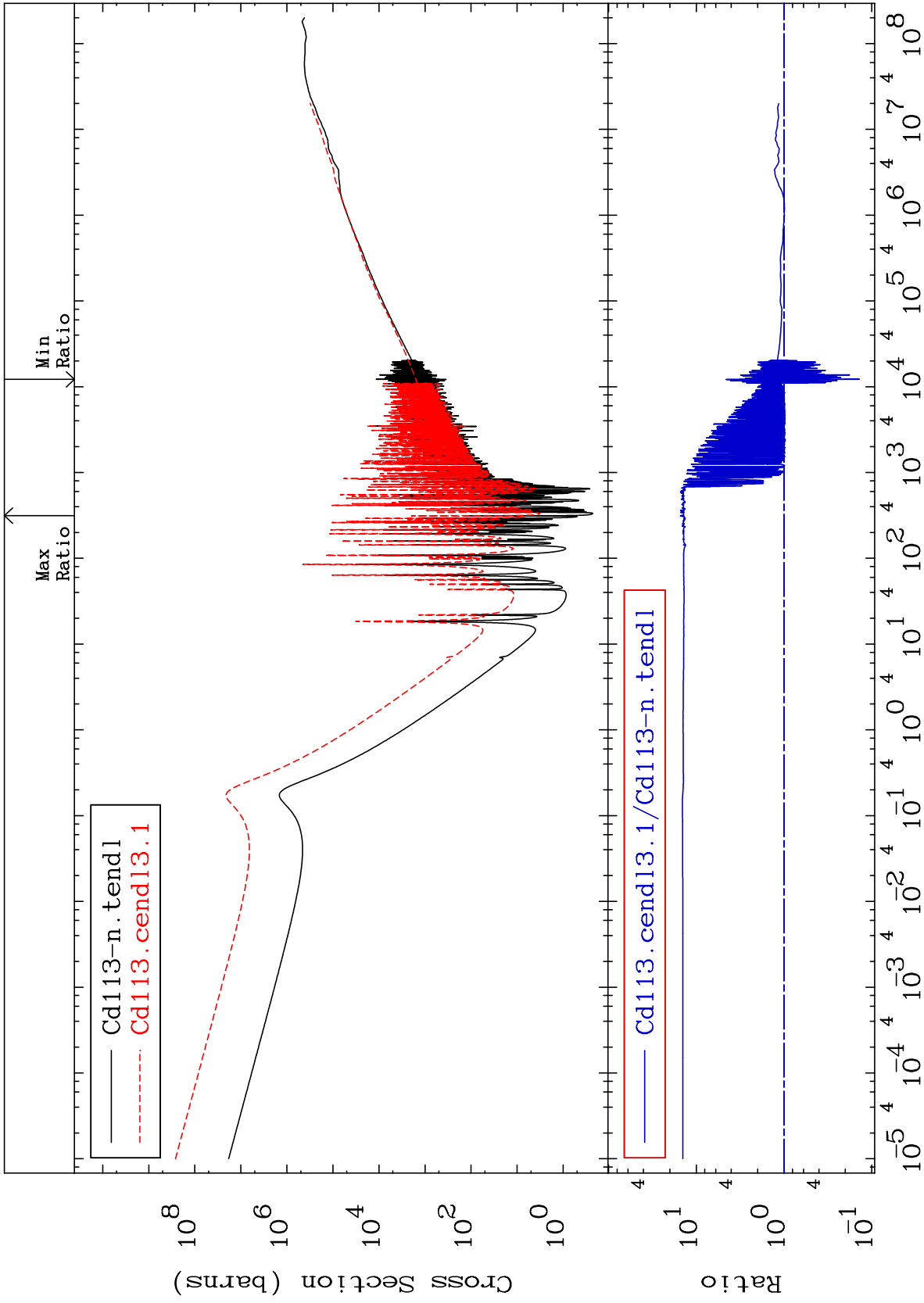
Total photon (eV-barns)
Cross Section

48-Cd-113
-88.27 To 9999. %



45

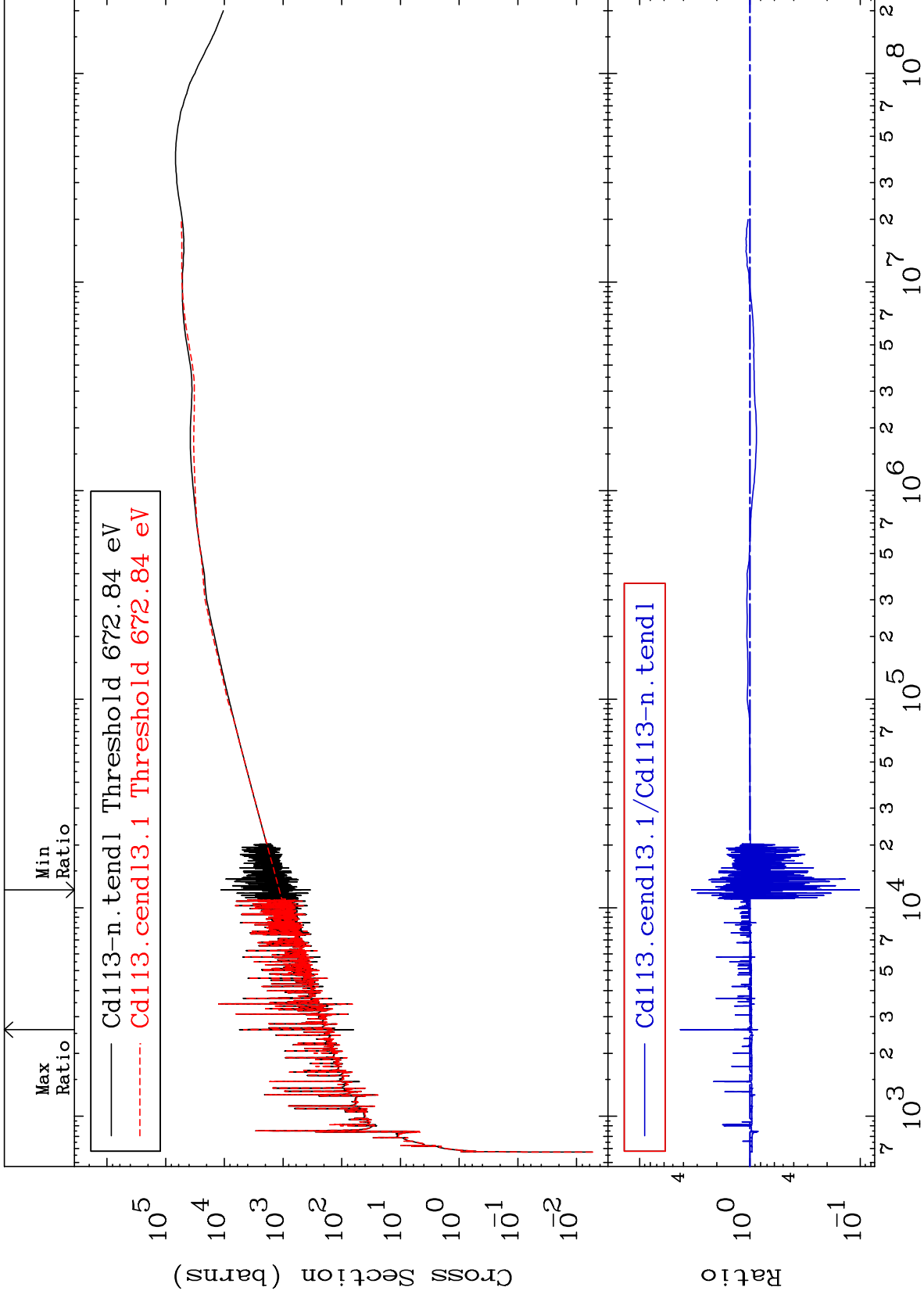




MAT 4846

Dpa elastic (mt2)
Cross Section

48-Cd-113
-89.82 To 327.0 %



48

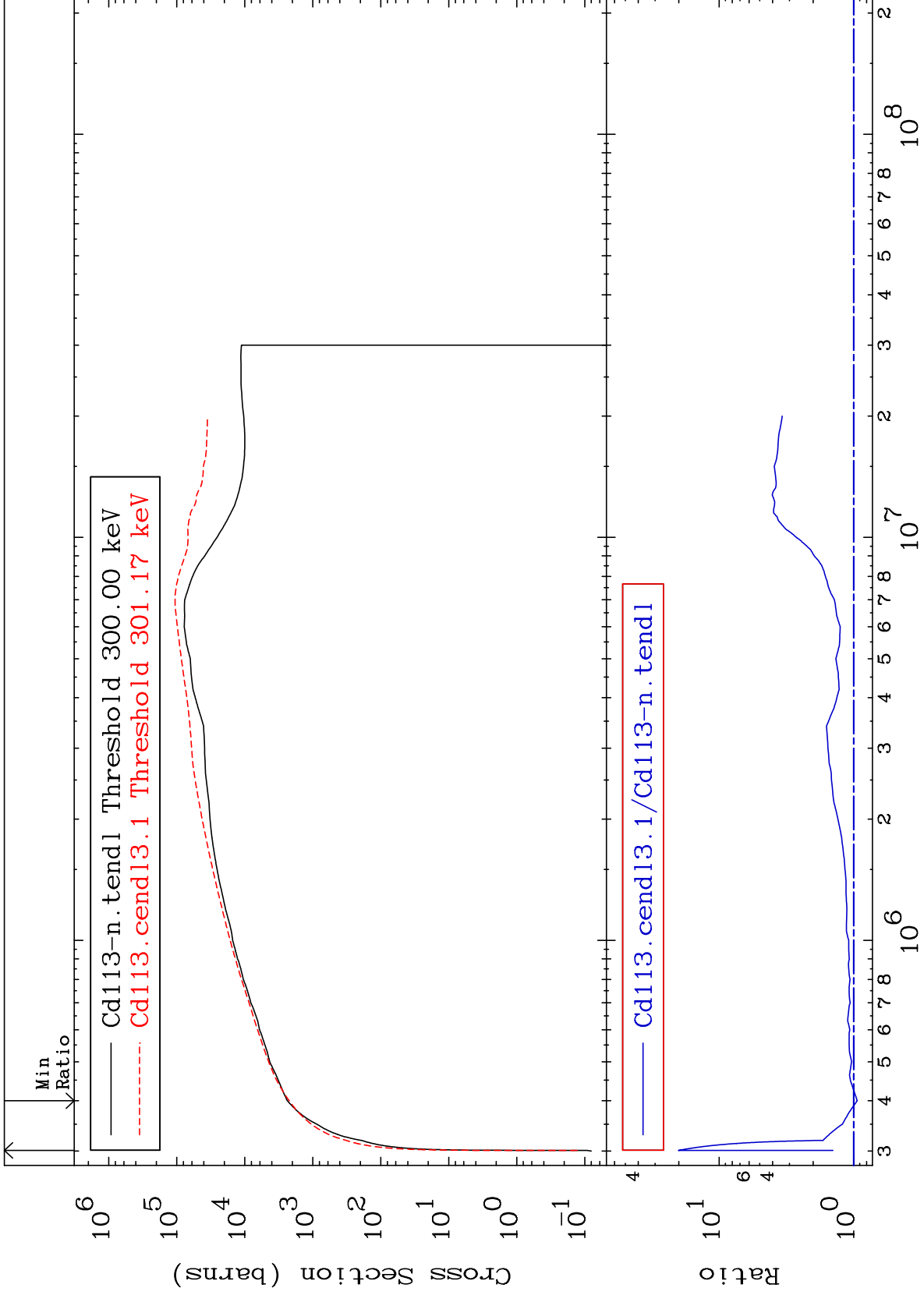
Incident Energy (eV)

48-Cd-113

MAT 4846

Dpa inelastic (mt51-91)
Cross Section

48-Cd-113
-6.049 To 1904. %



49

Incident Energy (eV)

48-Cd-113

