

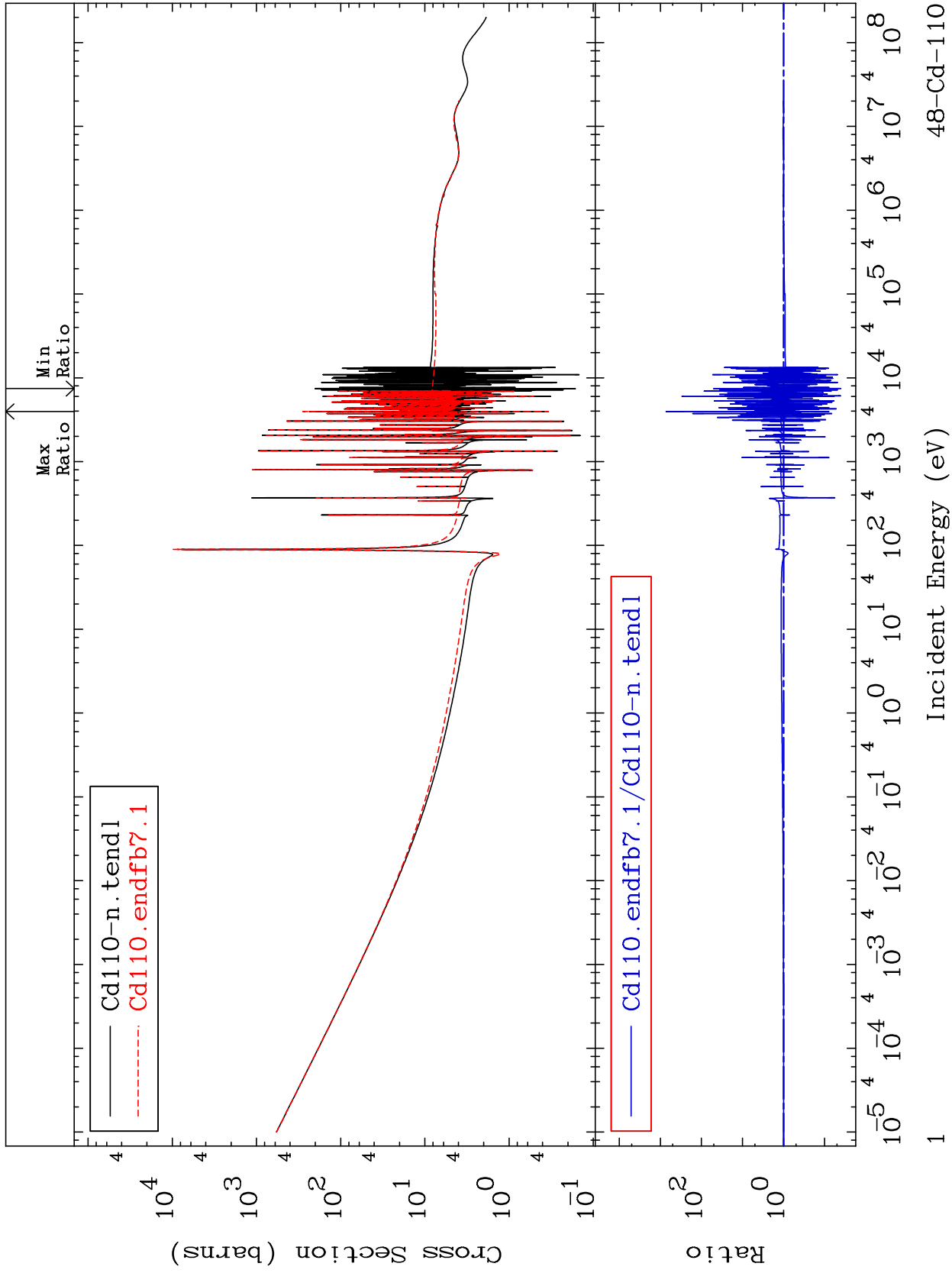
MAT 4837

Total

48-Cd-110

Cross Section

-95.97 To 9999. %



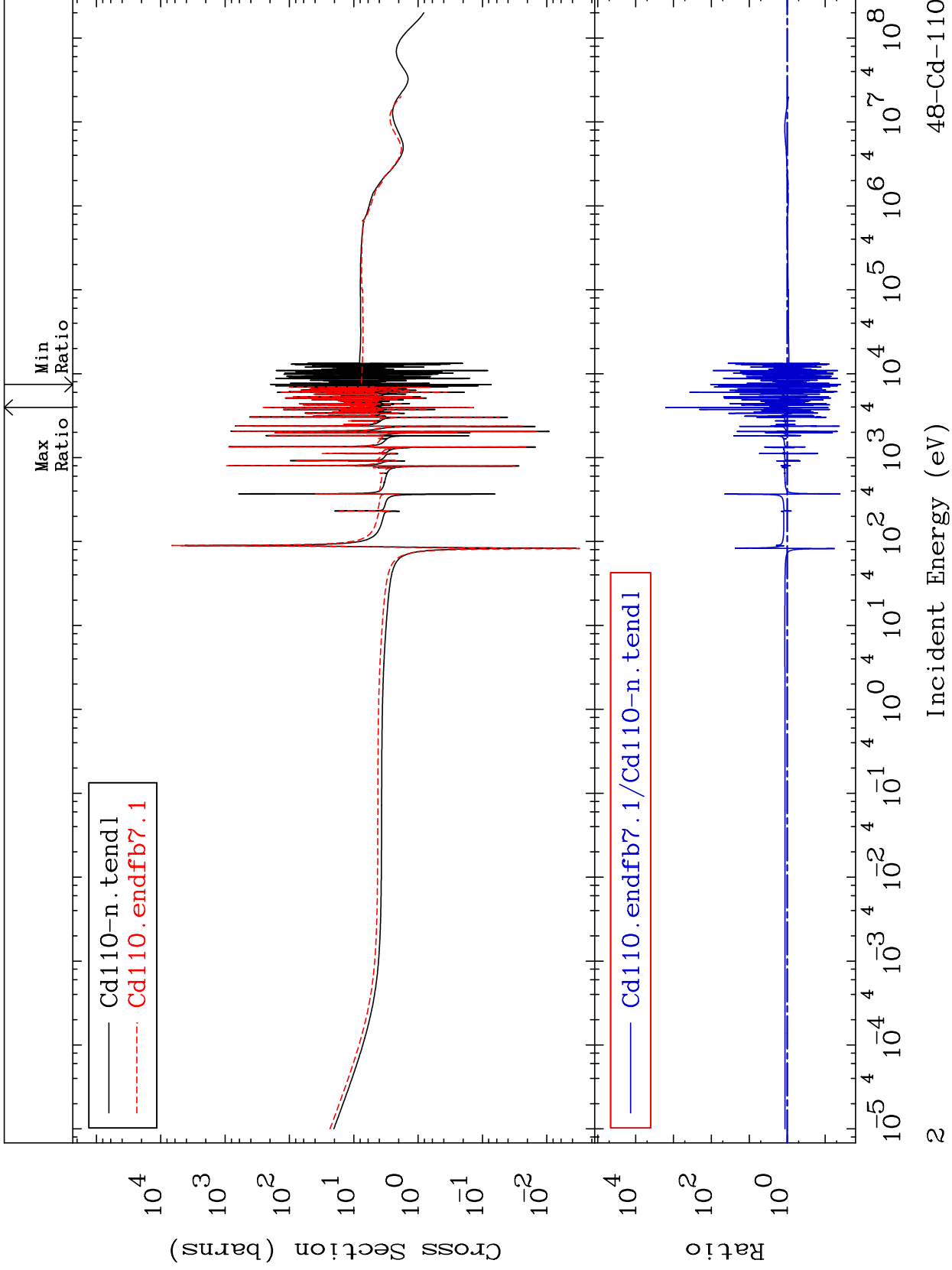
Incident Energy (eV)

48-Cd-110

MAT 4837

Elastic
Cross Section

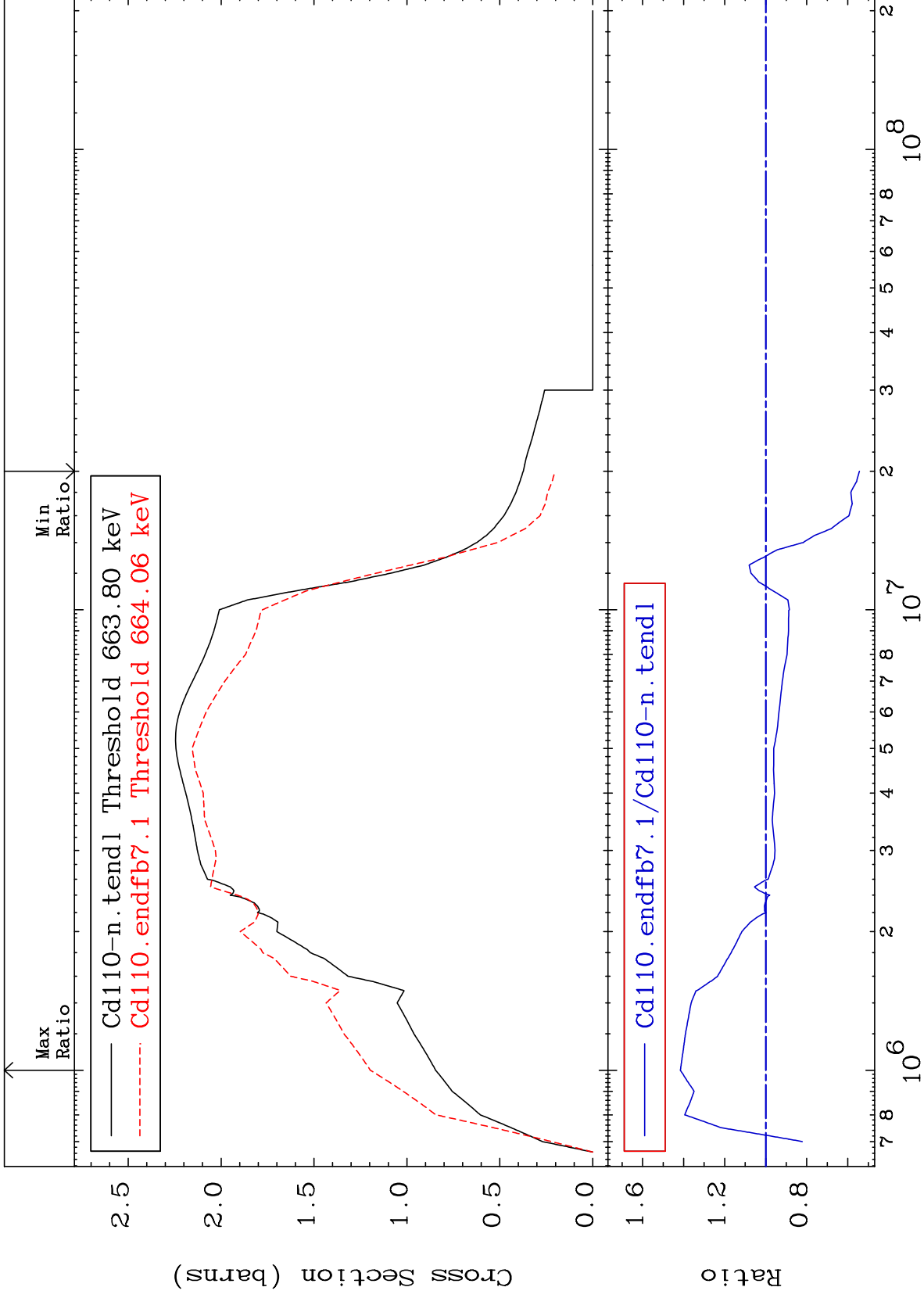
48-Cd-110
-96.12 To 9999. %



MAT 4837

Inelastic
Cross Section

48-Cd-110
-45.66 To 41.60 %



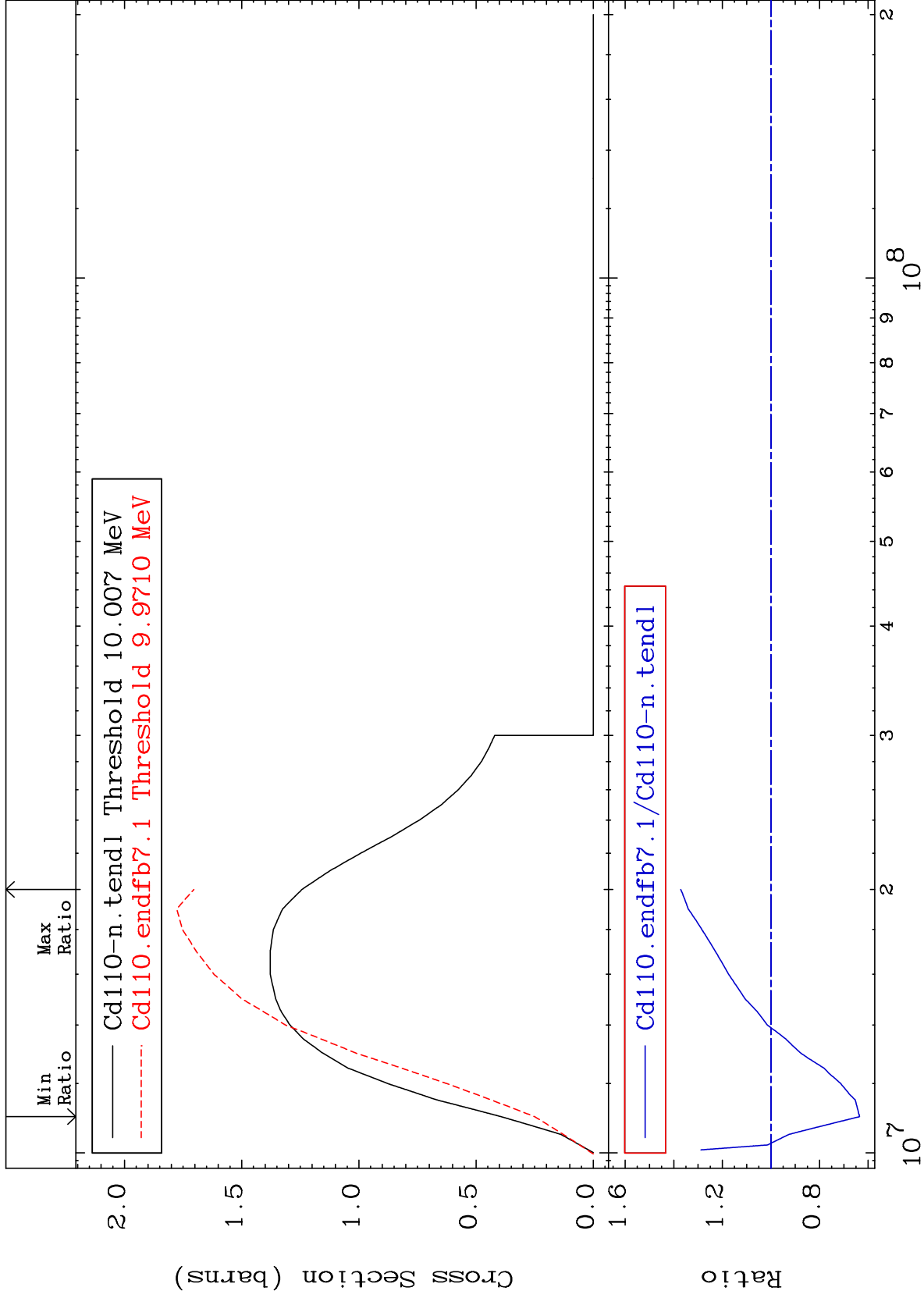
3

48-Cd-110

MAT 4837

(n,2n)
Cross Section

48-Cd-110
-36.46 To 37.12 %



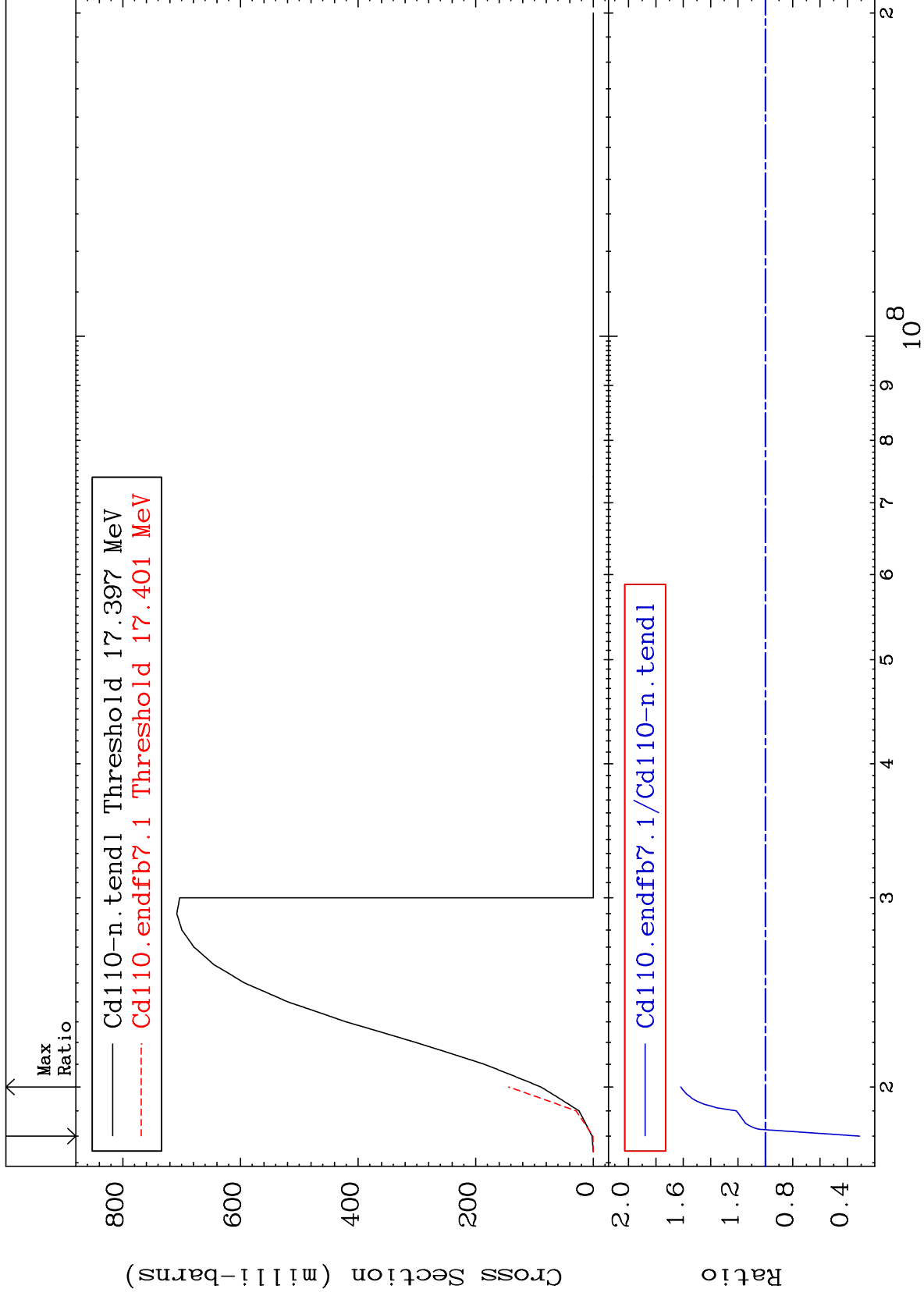
48-Cd-110

Incident Energy (eV)

MAT 4837

(n,3n)
Cross Section

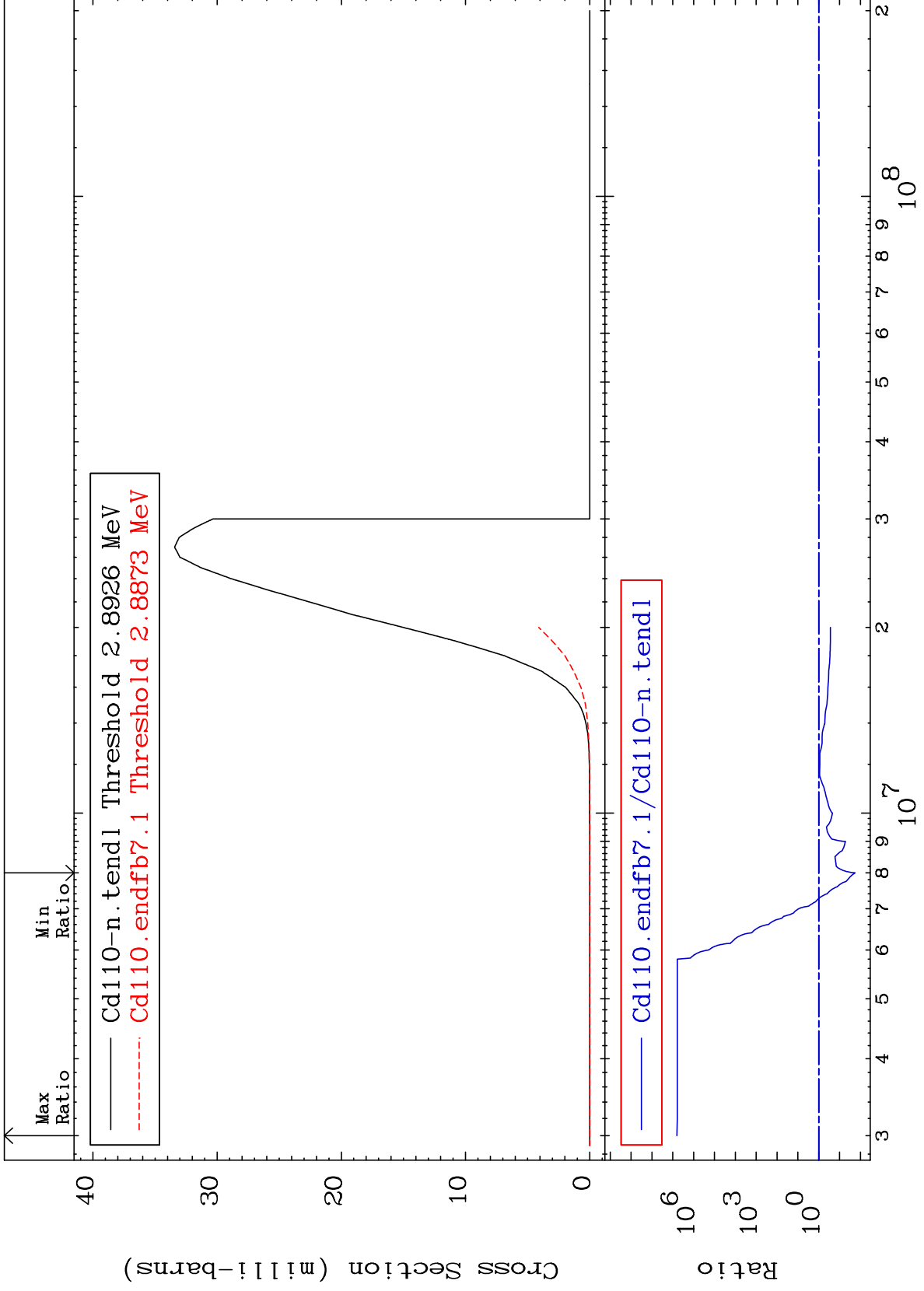
48-Cd-110
-68.82 To 61.79 %



MAT 4837

(n, n') α
Cross Section

48-Cd-110
-98.19 To 9999. %



6

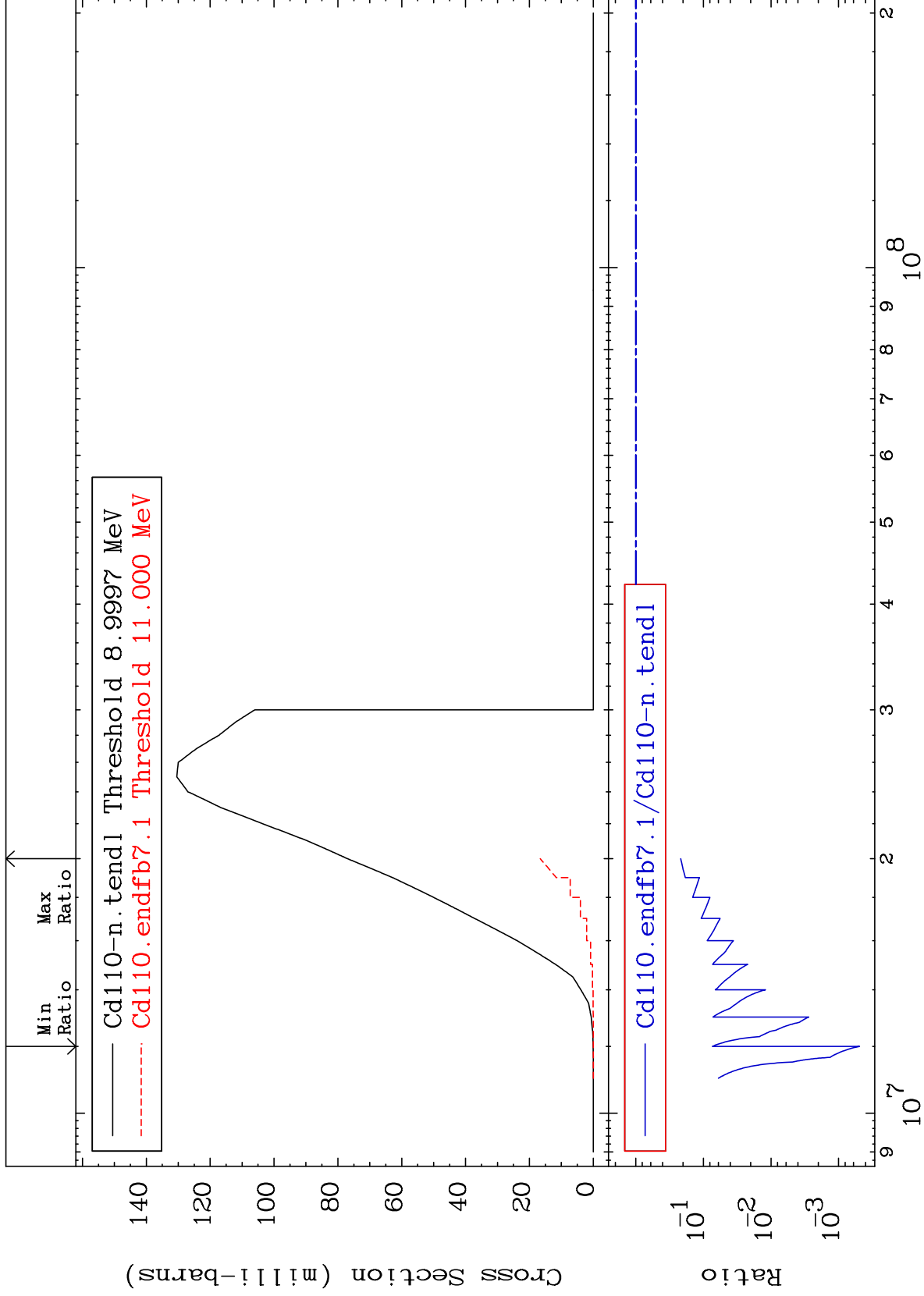
Incident Energy (eV)

48-Cd-110

MAT 4837

(n,n') p
Cross Section

48-Cd-110
-99.95 To -78.43%



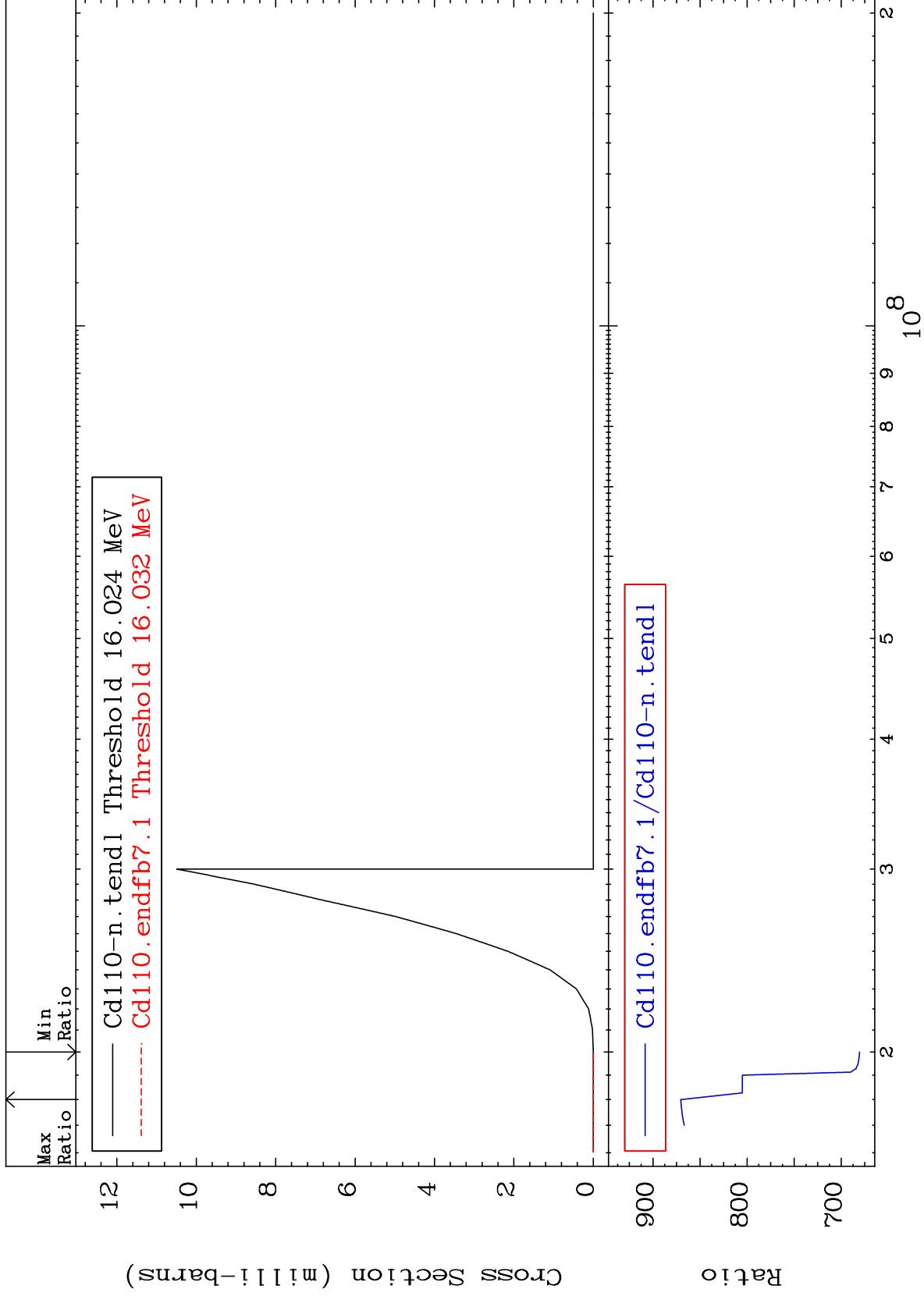
Incident Energy (eV)

48-Cd-110

MAT 4837

(n,n') d
Cross Section

48-Cd-110
-99.93 To -99.91%



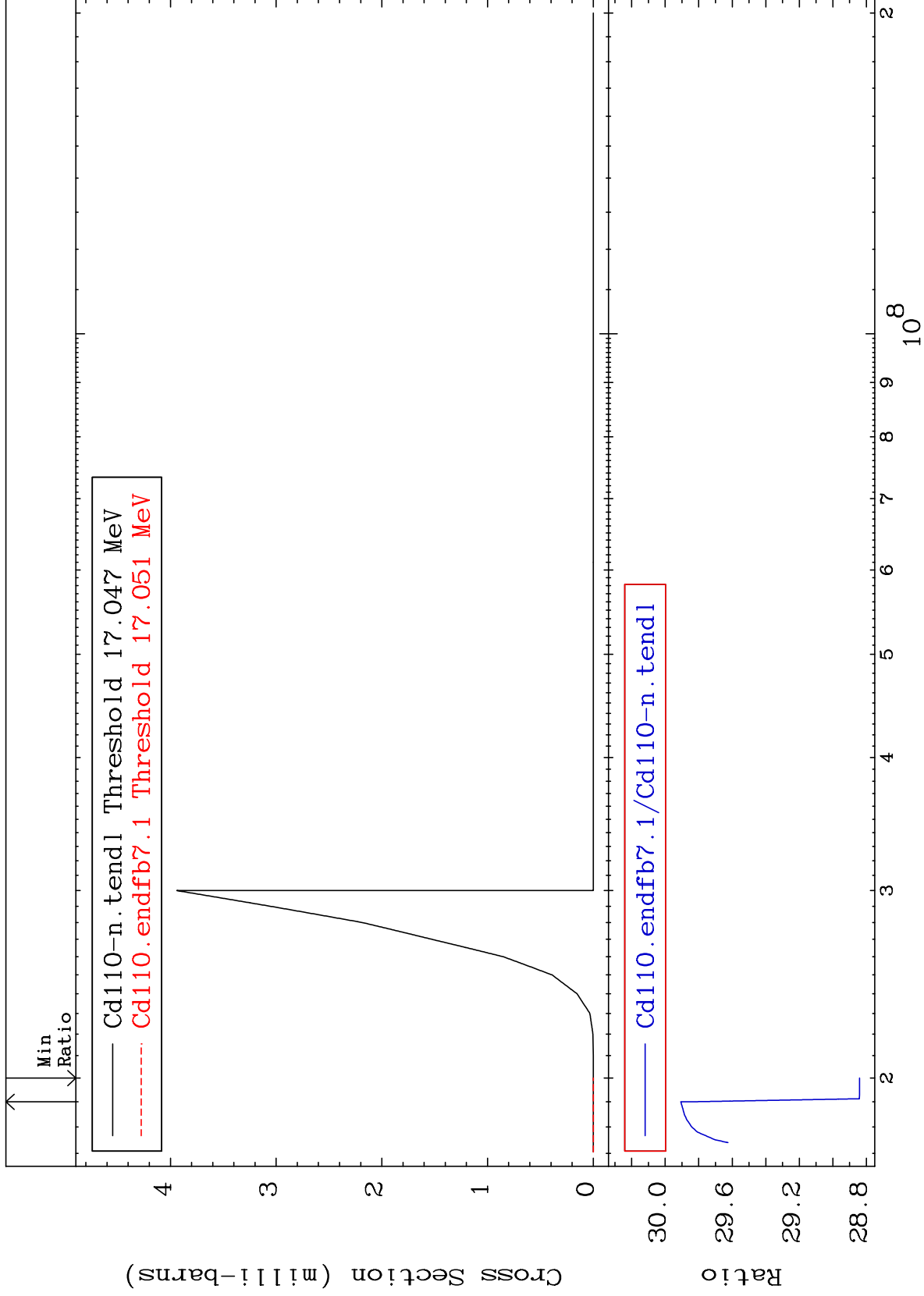
MAT 4837

(n,n') t

48-Cd-110

Cross Section

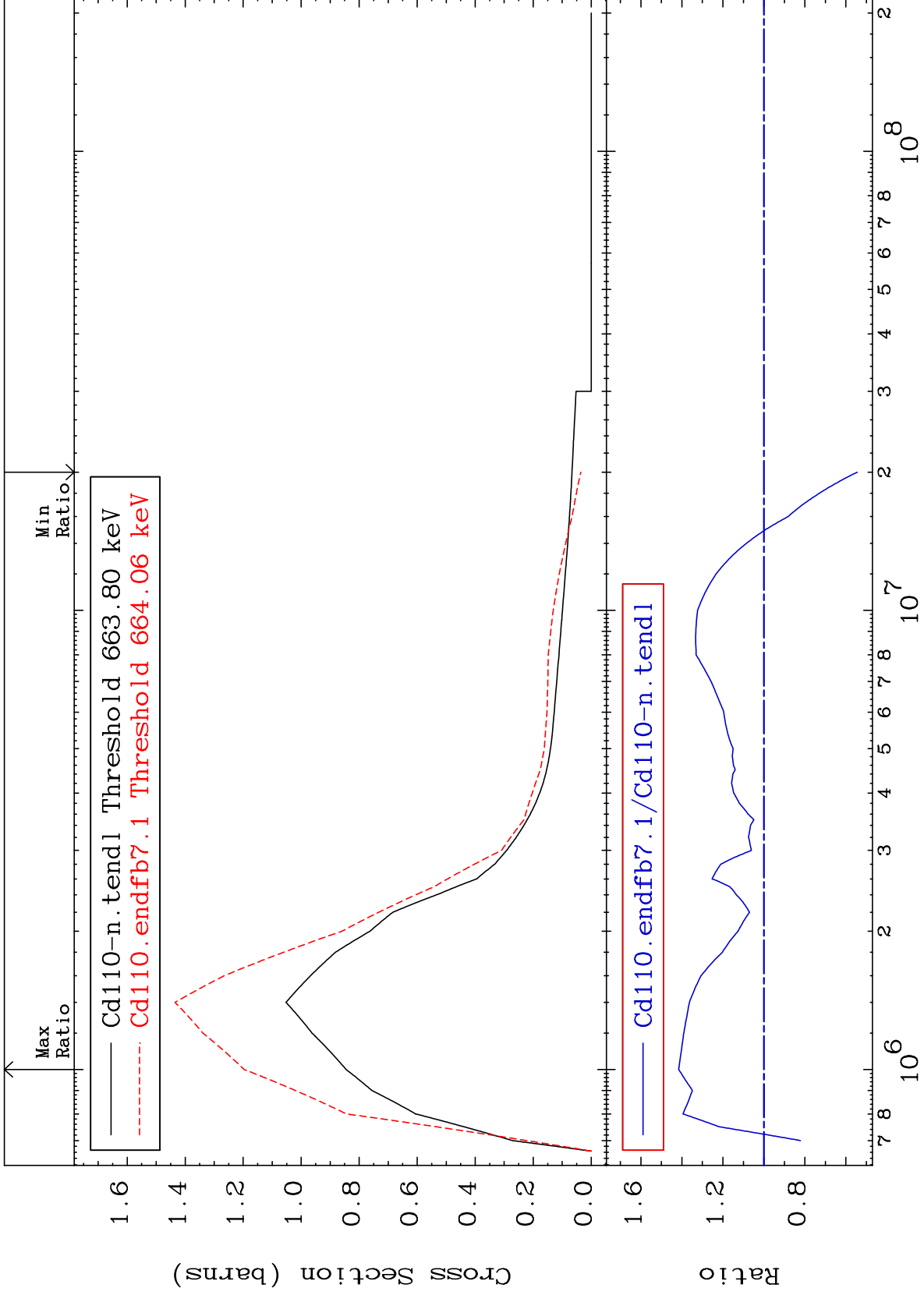
-100.0 To -100.0%



MAT 4837

657.8 keV (n,n') Level
Cross Section

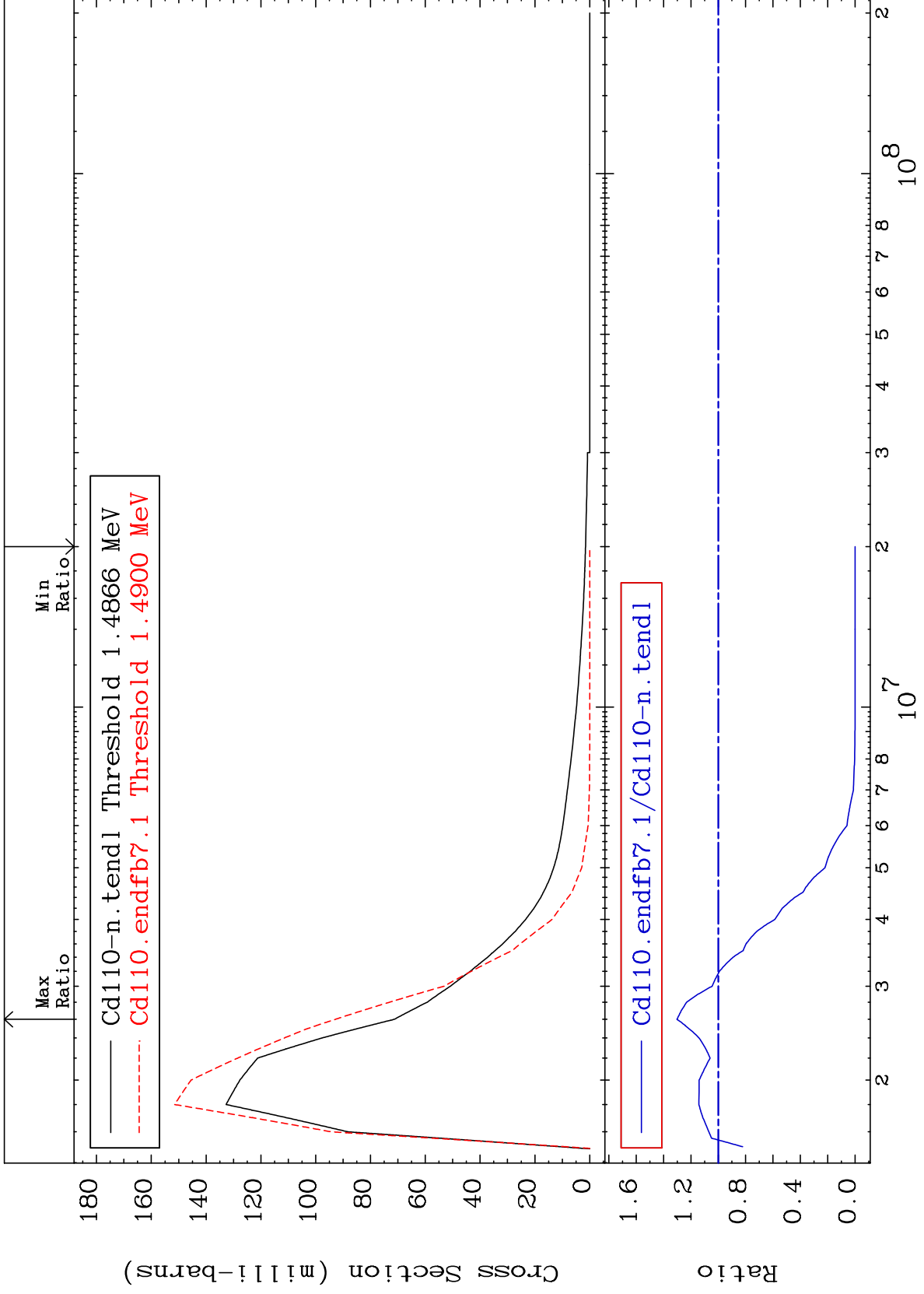
48-Cd-110
-45.58 To 41.60 %



MAT 4837

1.473 MeV (n,n') Level
Cross Section

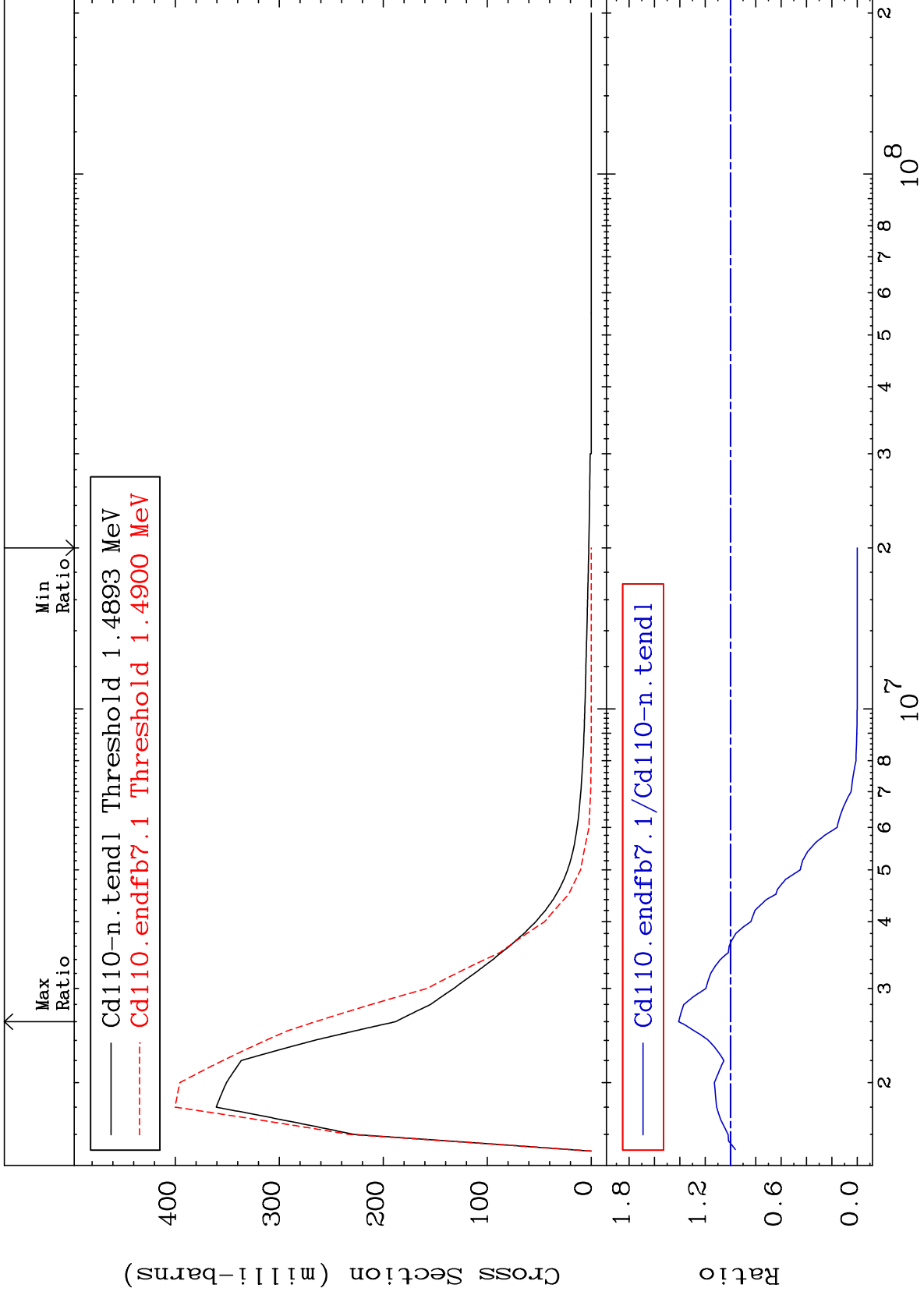
48-Cd-110
-100.0 To 30.22 %



MAT 4837

1.476 MeV (n,n') Level
Cross Section

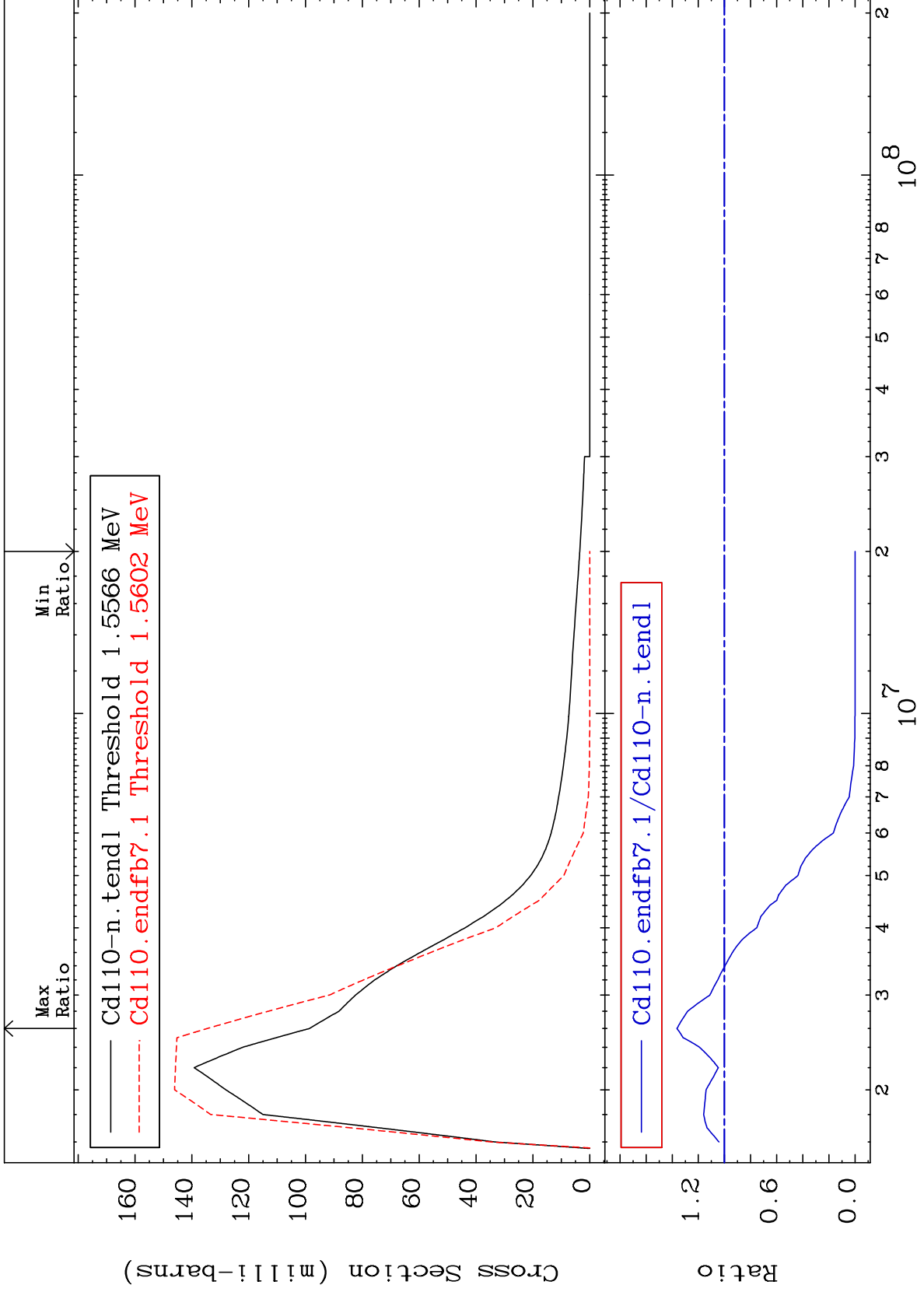
48-Cd-110
-100.0 To 40.90 %



MAT 4837

1.542 MeV (n,n') Level
Cross Section

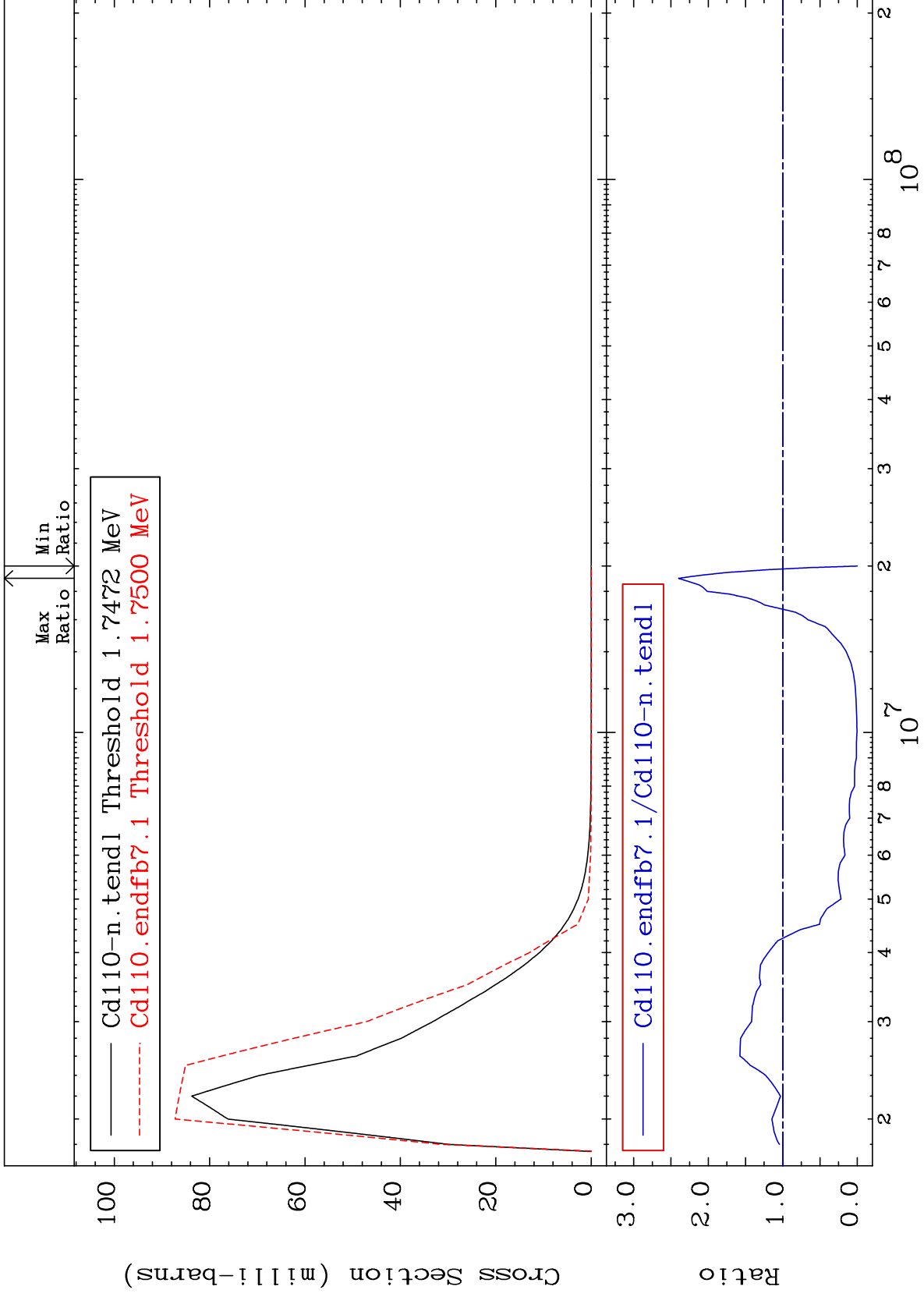
48-Cd-110
-100.0 To 36.40 %



MAT 4837

1.731 MeV (n,n') Level
Cross Section

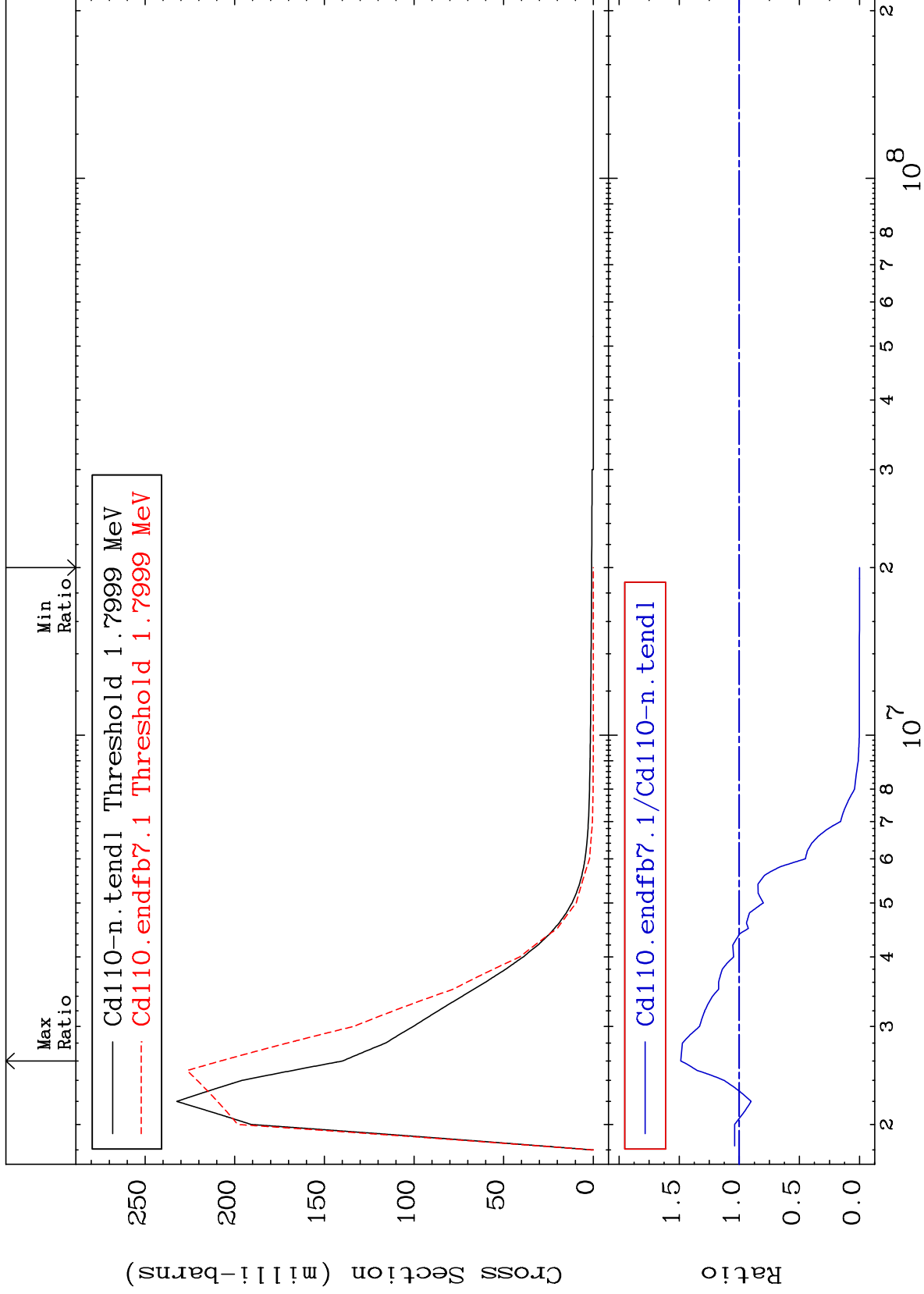
48-Cd-110
-100.0 To 139.7 %



MAT 4837

1.783 MeV (n,n') Level
Cross Section

48-Cd-110
-100.0 To 48.69 %



15

Incident Energy (eV)

48-Cd-110

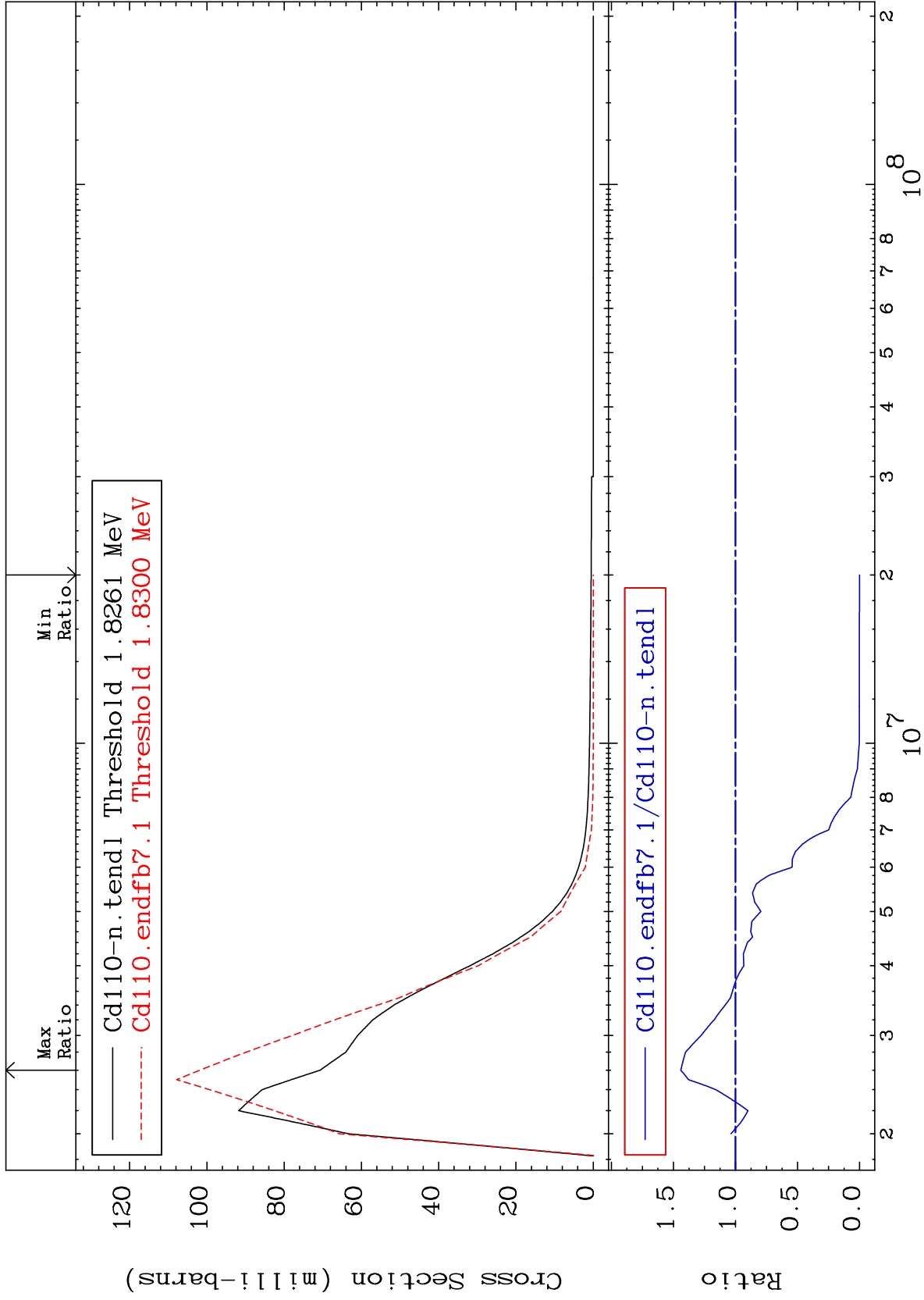
MAT 4837

1.809 MeV (n,n') Level

48-Cd-110

-100.0 To 44.09 %

Cross Section



16

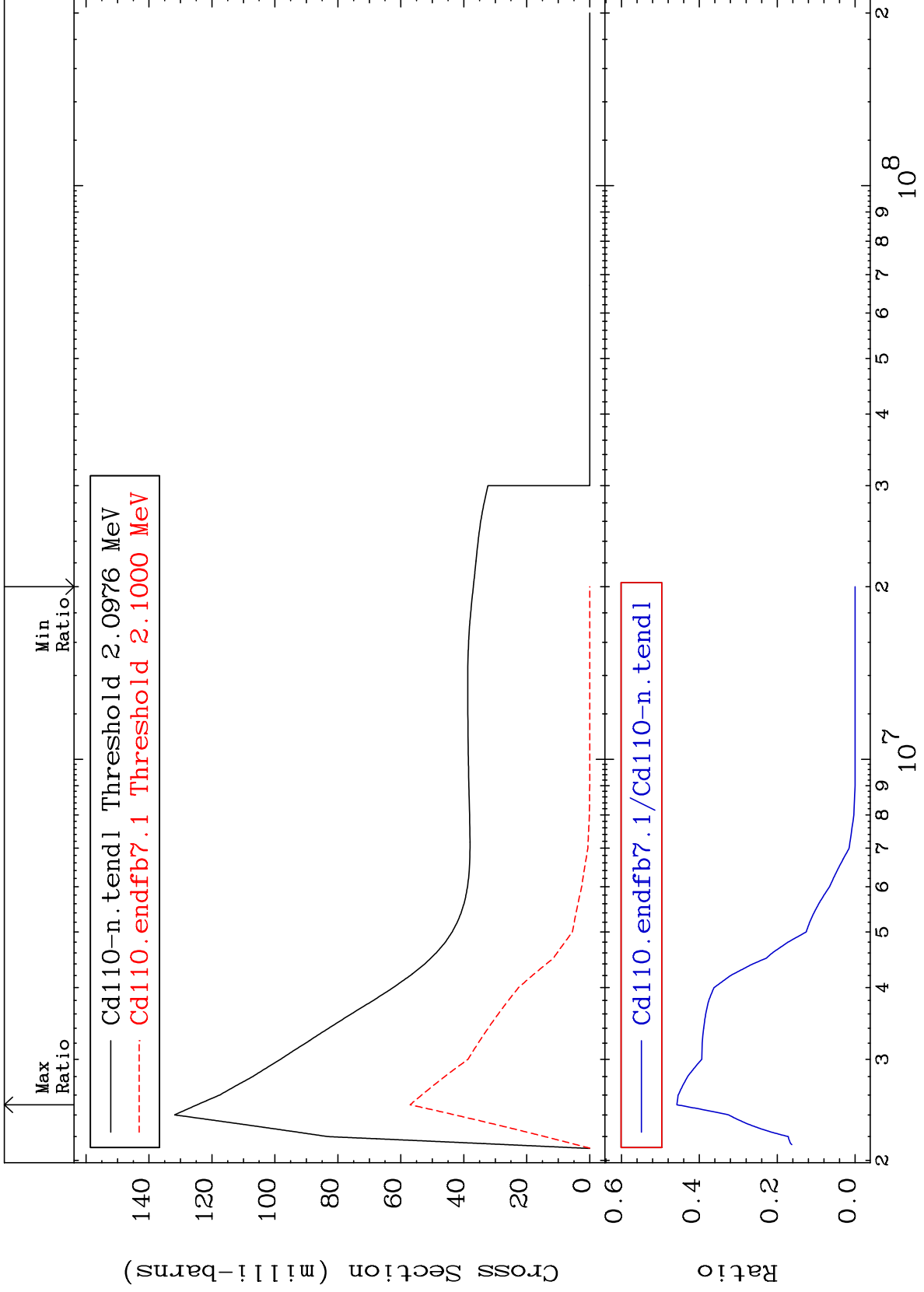
Incident Energy (eV)

48-Cd-110

MAT 4837

2.079 MeV (n,n') Level
Cross Section

48-Cd-110
-100.0 To -54.24%



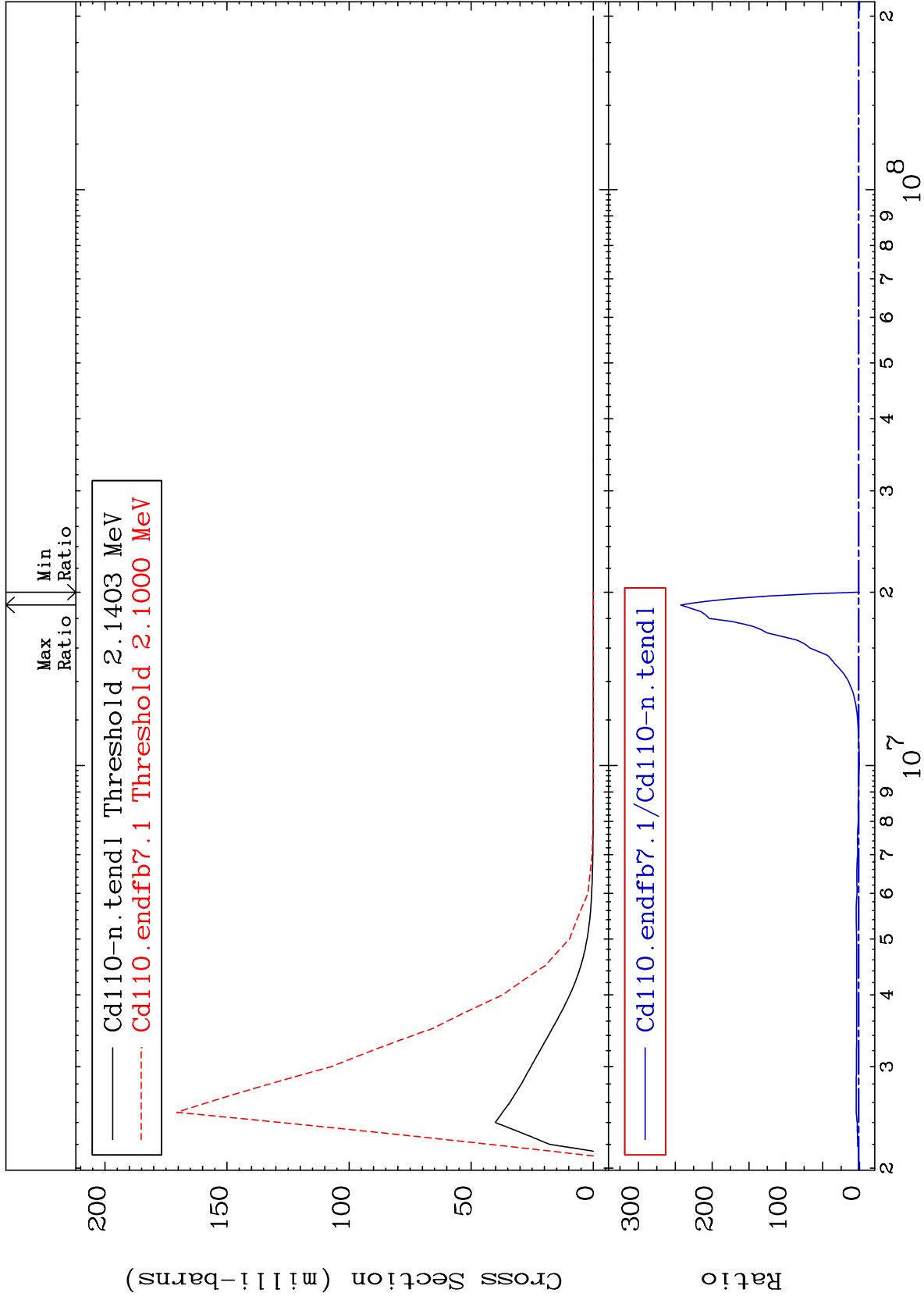
MAT 4837

2.121 MeV (n,n') Level

48-Cd-110

-100.0 To 9999. %

Cross Section



18

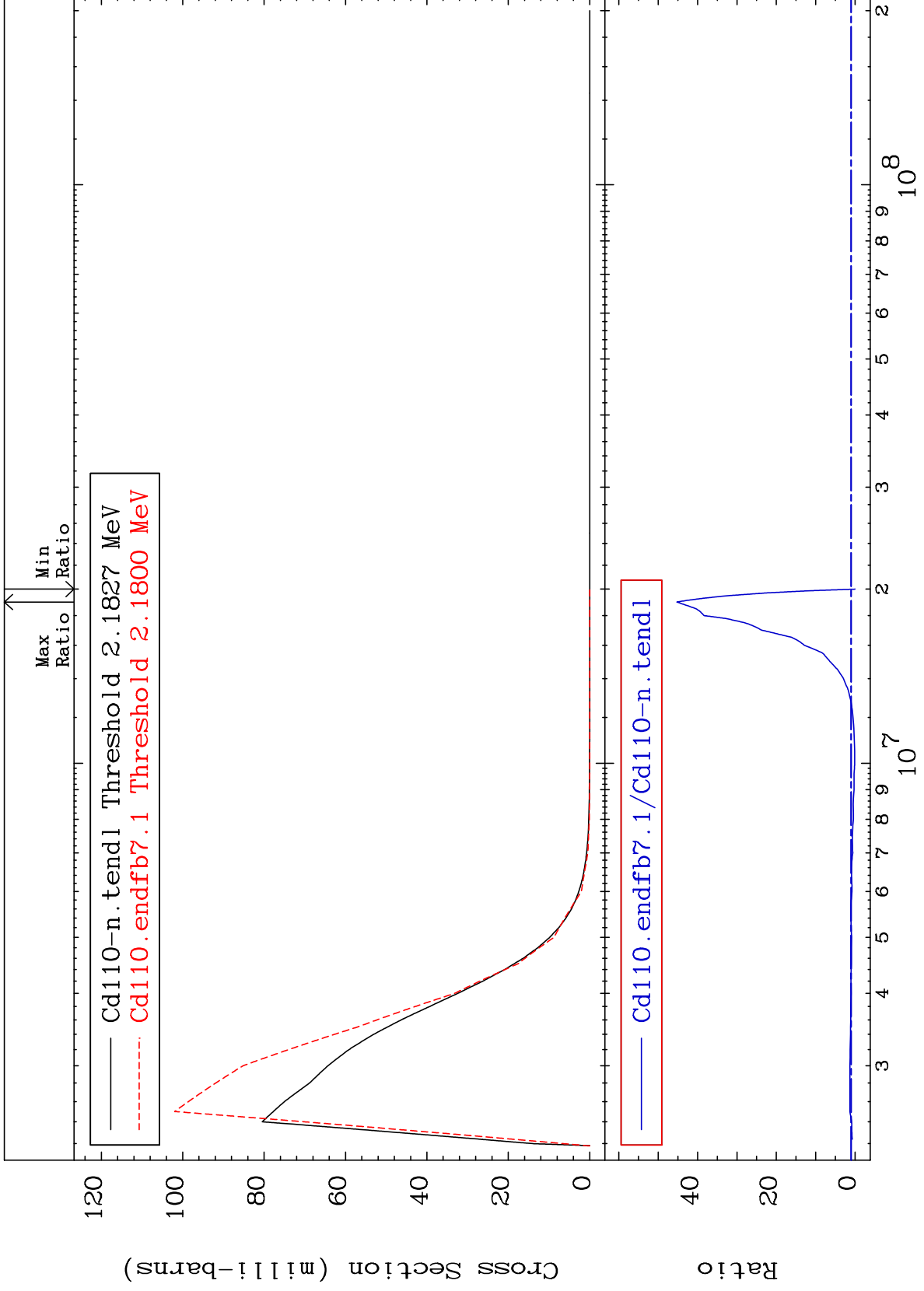
Incident Energy (eV)

48-Cd-110

MAT 4837

2.163 MeV (n,n') Level
Cross Section

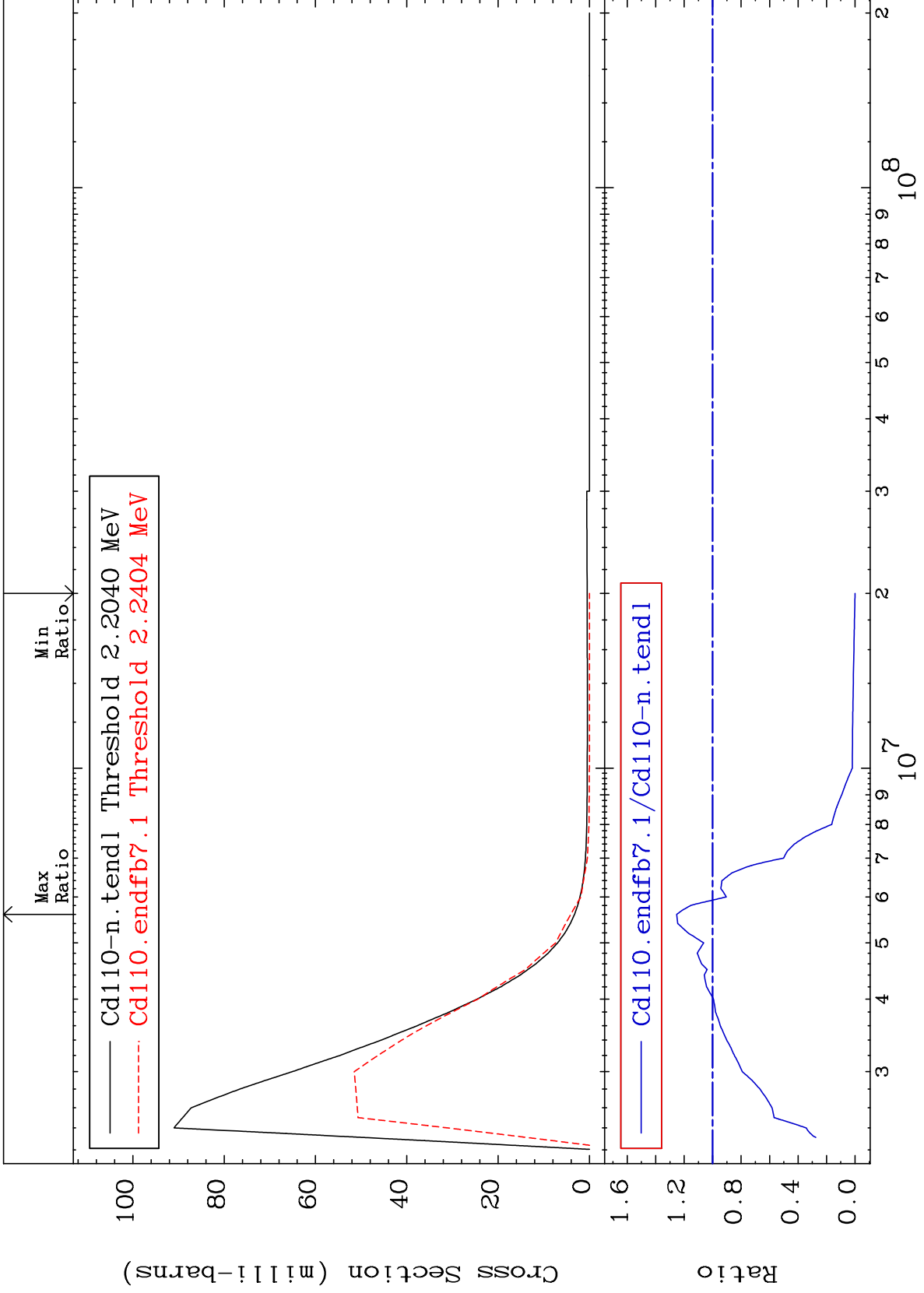
48-Cd-110
-100.0 To 4424. %



MAT 4837

2.184 MeV (n,n') Level
Cross Section

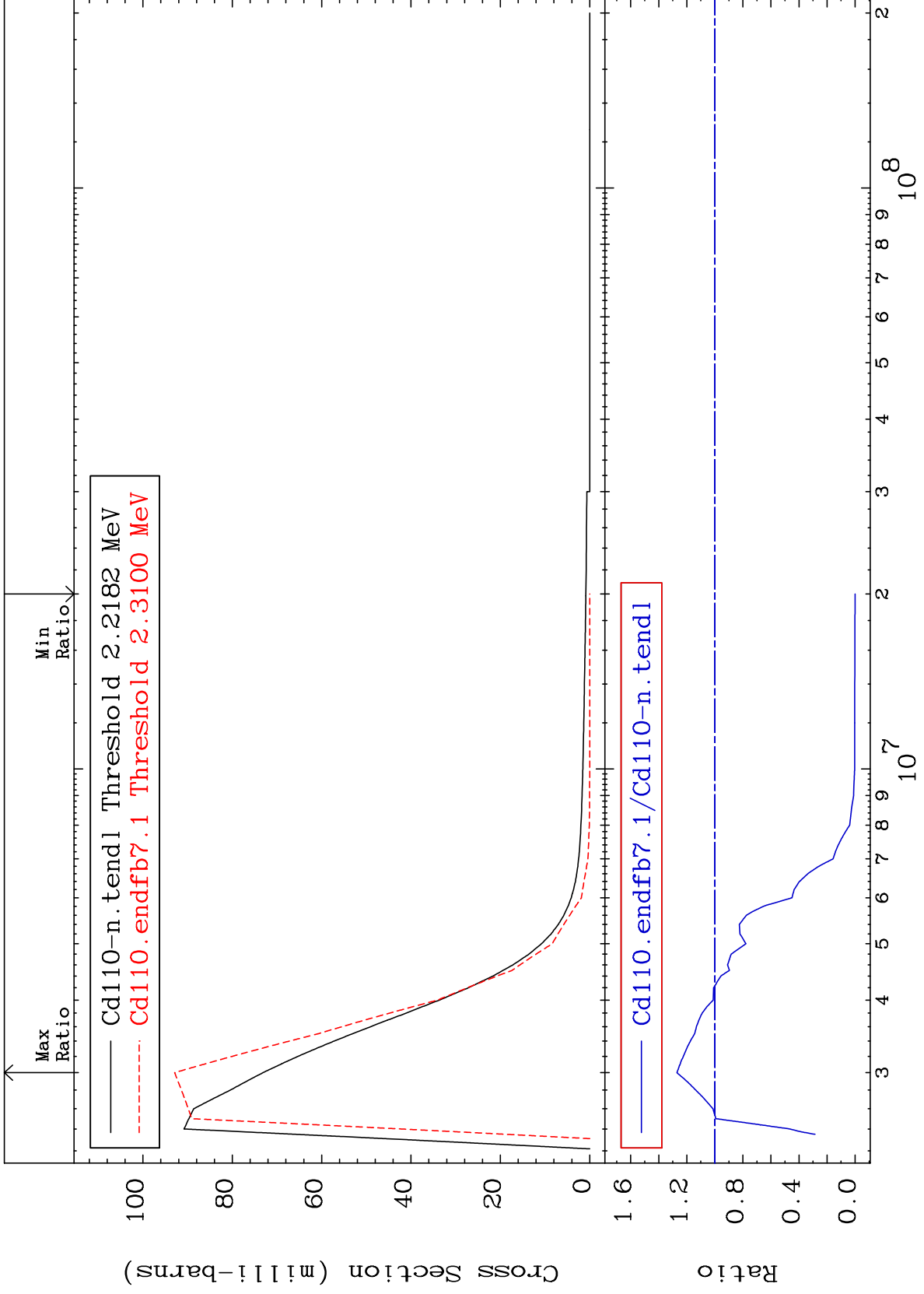
48-Cd-110
-100.0 To 25.24 %



MAT 4837

2.198 MeV (n,n') Level
Cross Section

48-Cd-110
-100.0 To 27.05 %



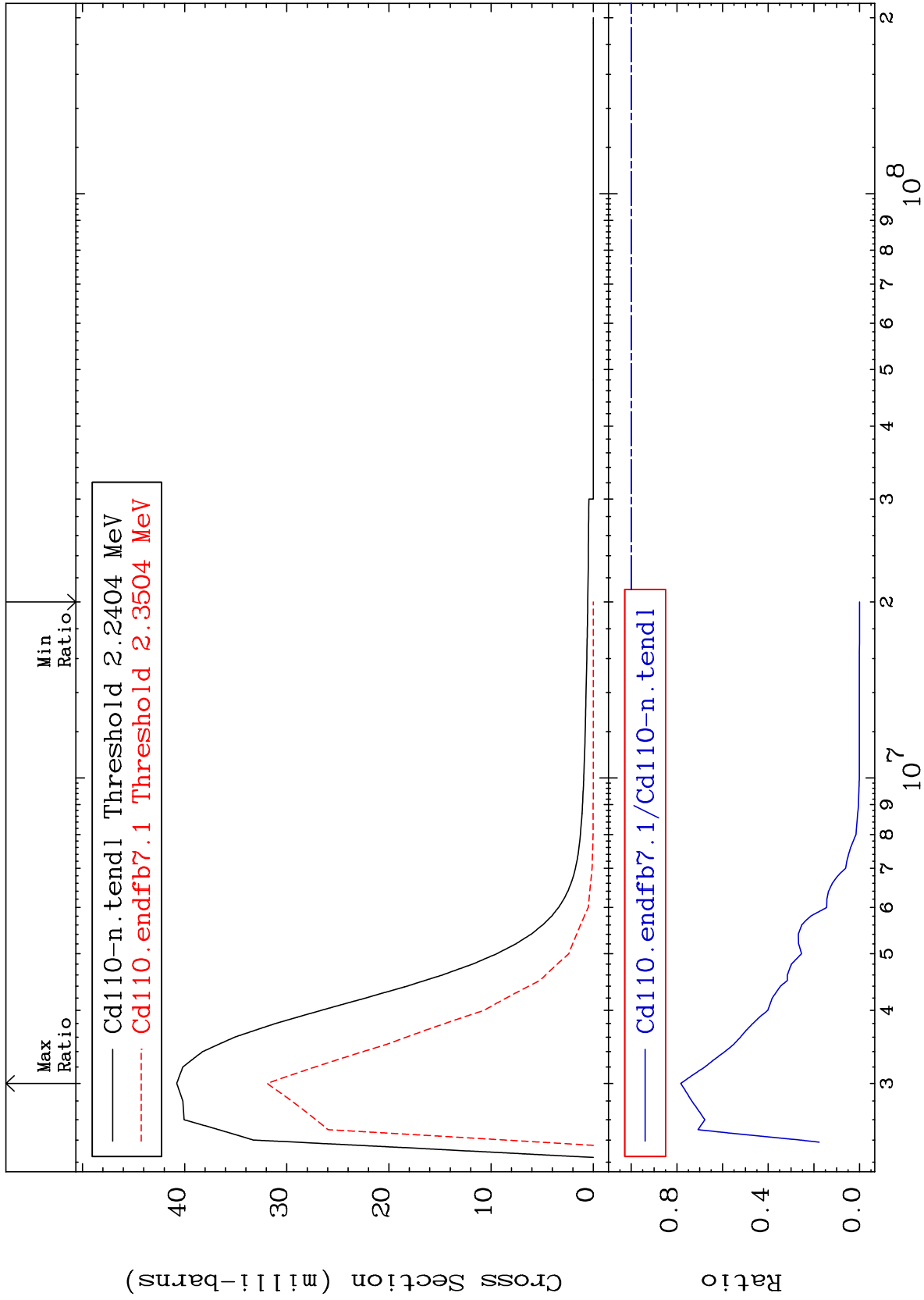
MAT 4837

2.220 MeV (n,n') Level

48-Cd-110

-100.0 To -21.69%

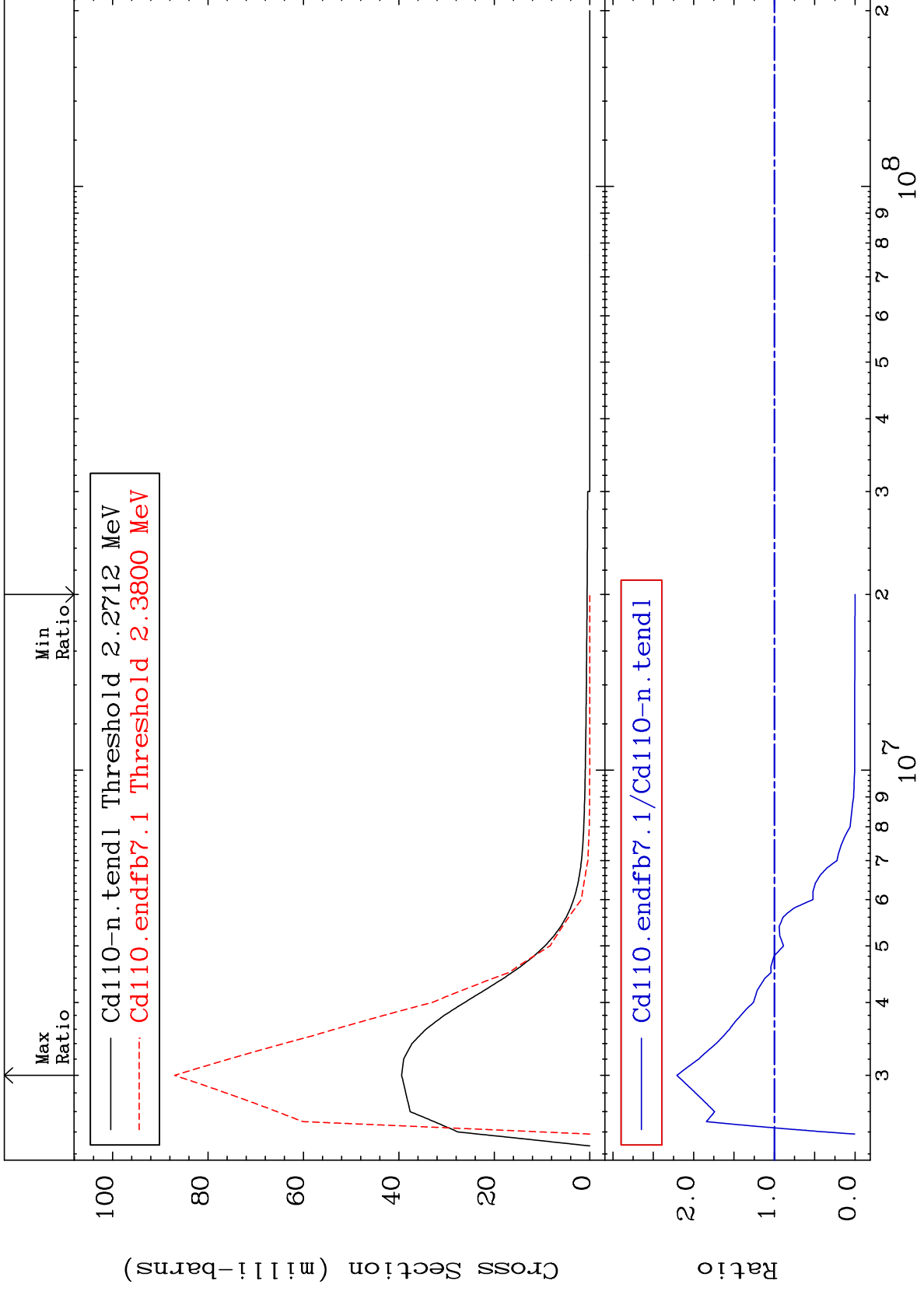
Cross Section

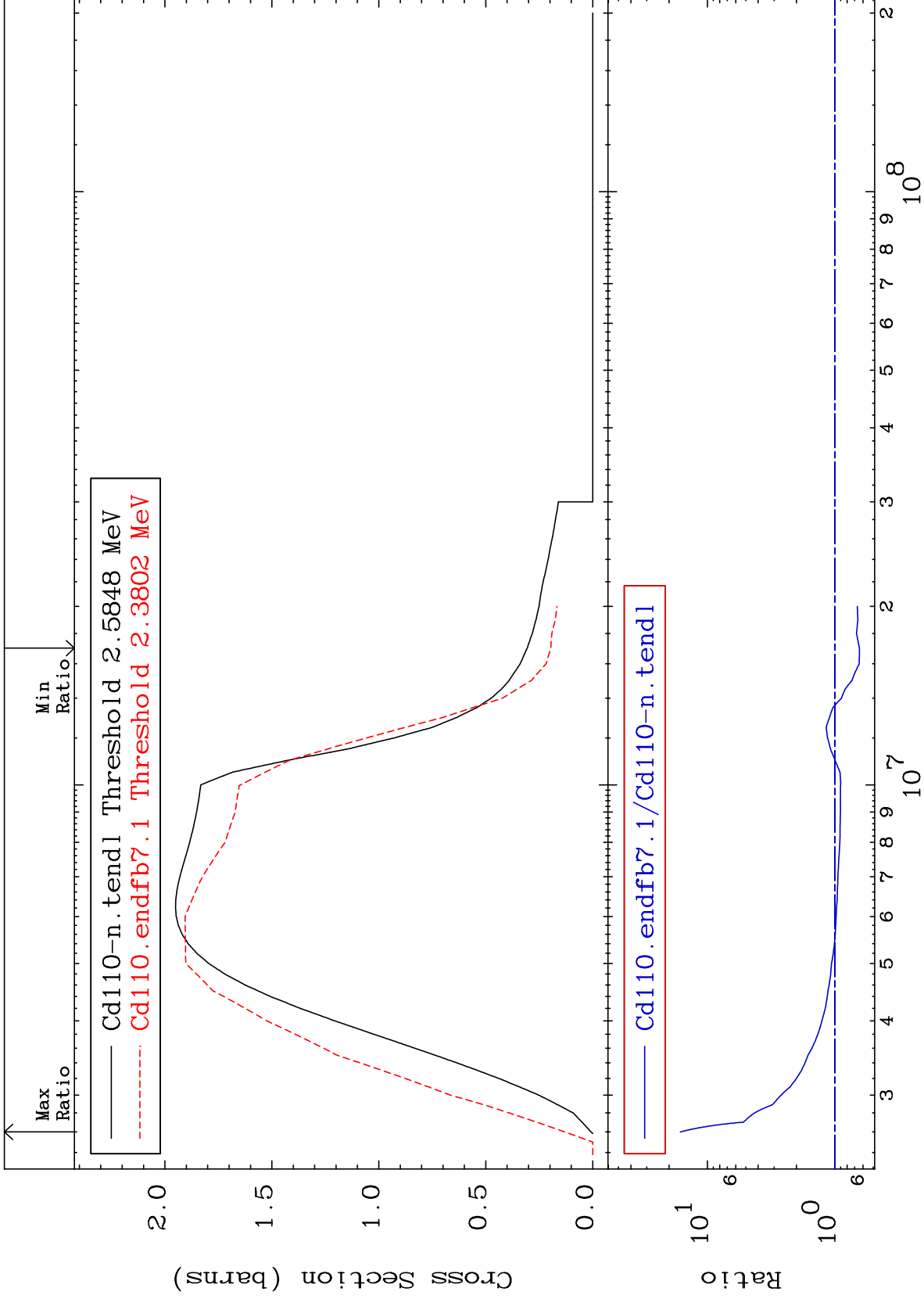


MAT 4837

2.251 MeV (n,n') Level
Cross Section

48-Cd-110
-100.0 To 120.7 %

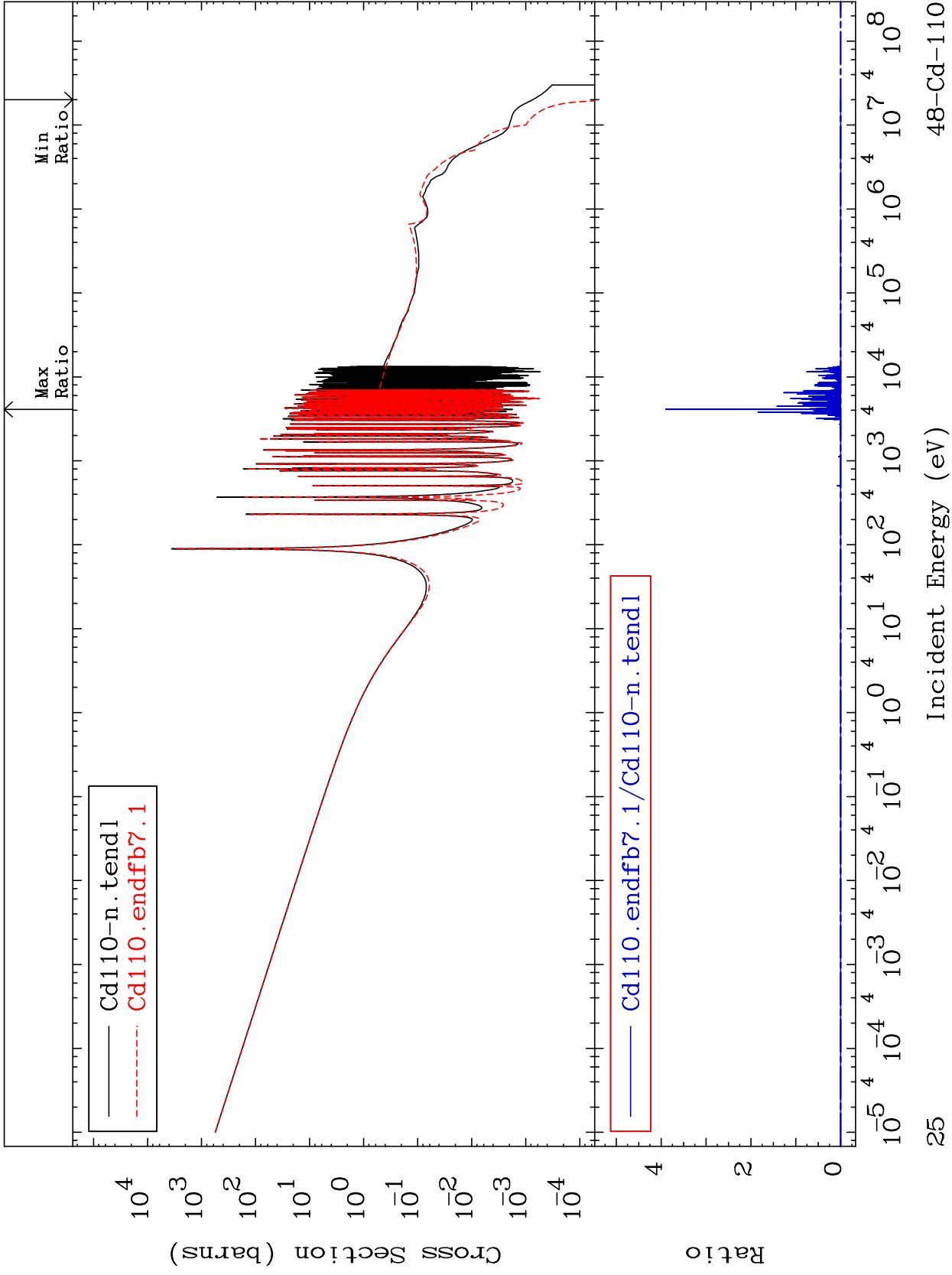




MAT 4837

(n, γ)
Cross Section

48-Cd-110
-100.0 To 9999. %



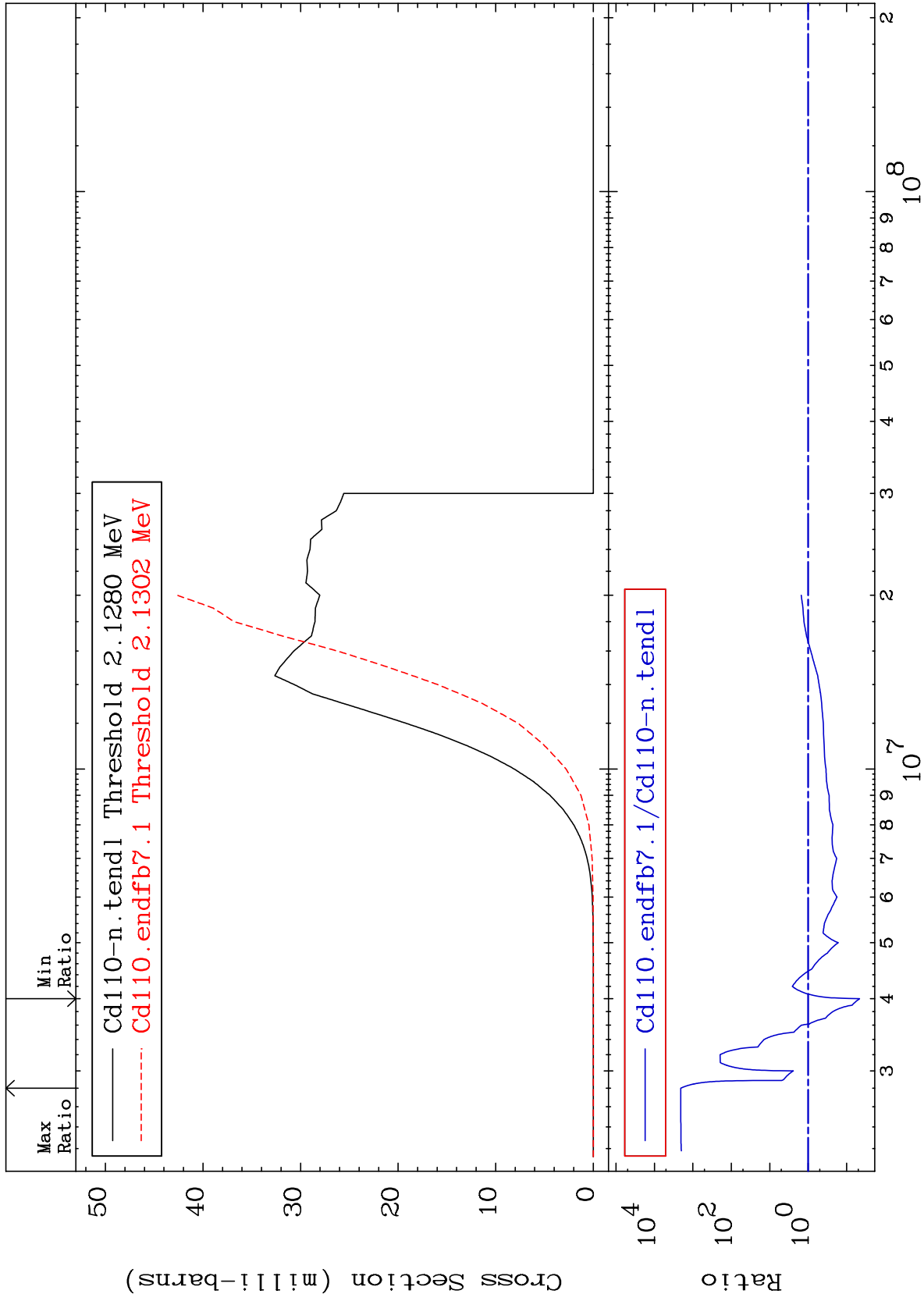
MAT 4837

(n,p)

48-Cd-110

Cross Section

-95.39 To 9999. %



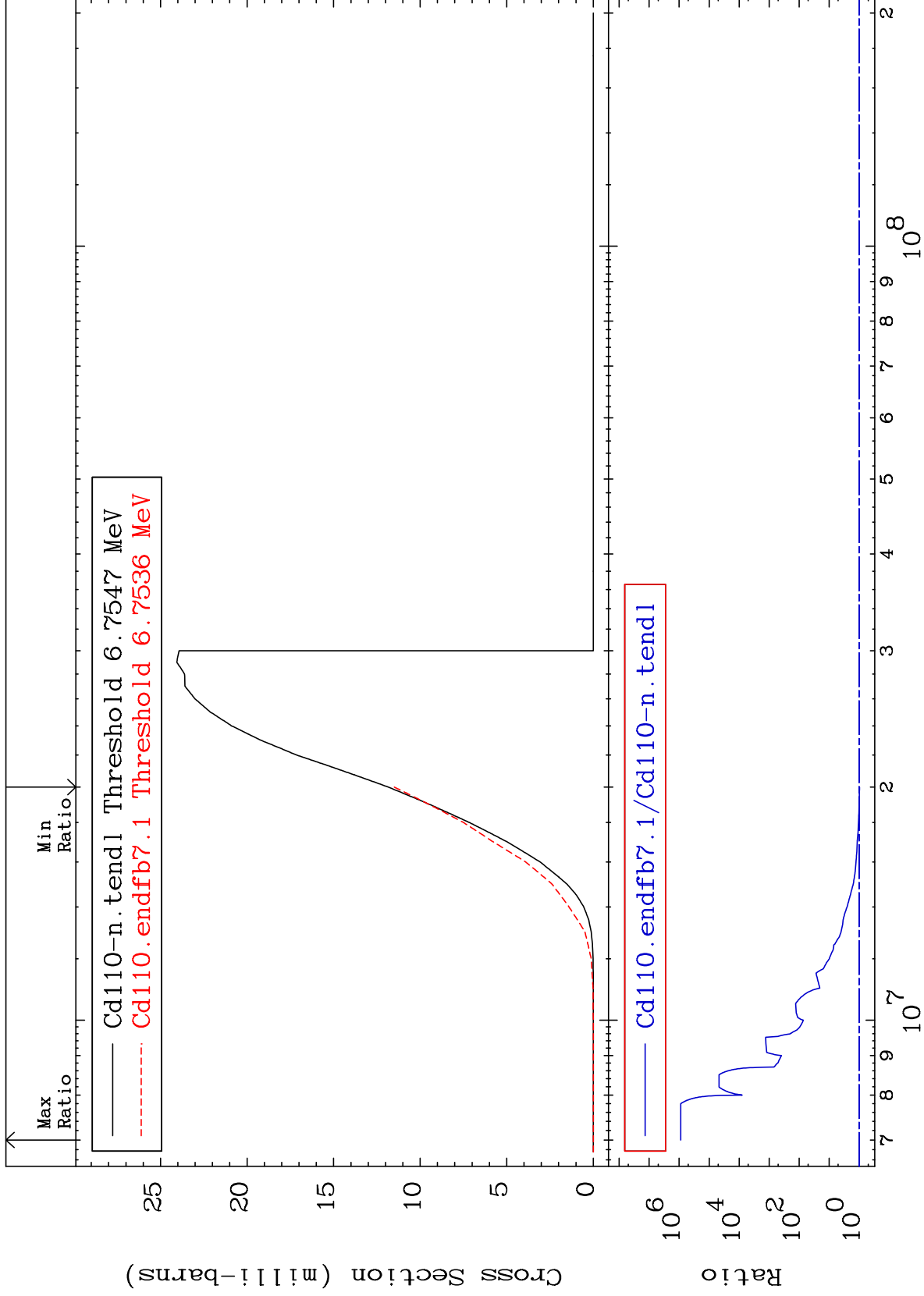
MAT 4837

(n, d)

48-Cd-110

Cross Section

-2.882 To 9999. %



27

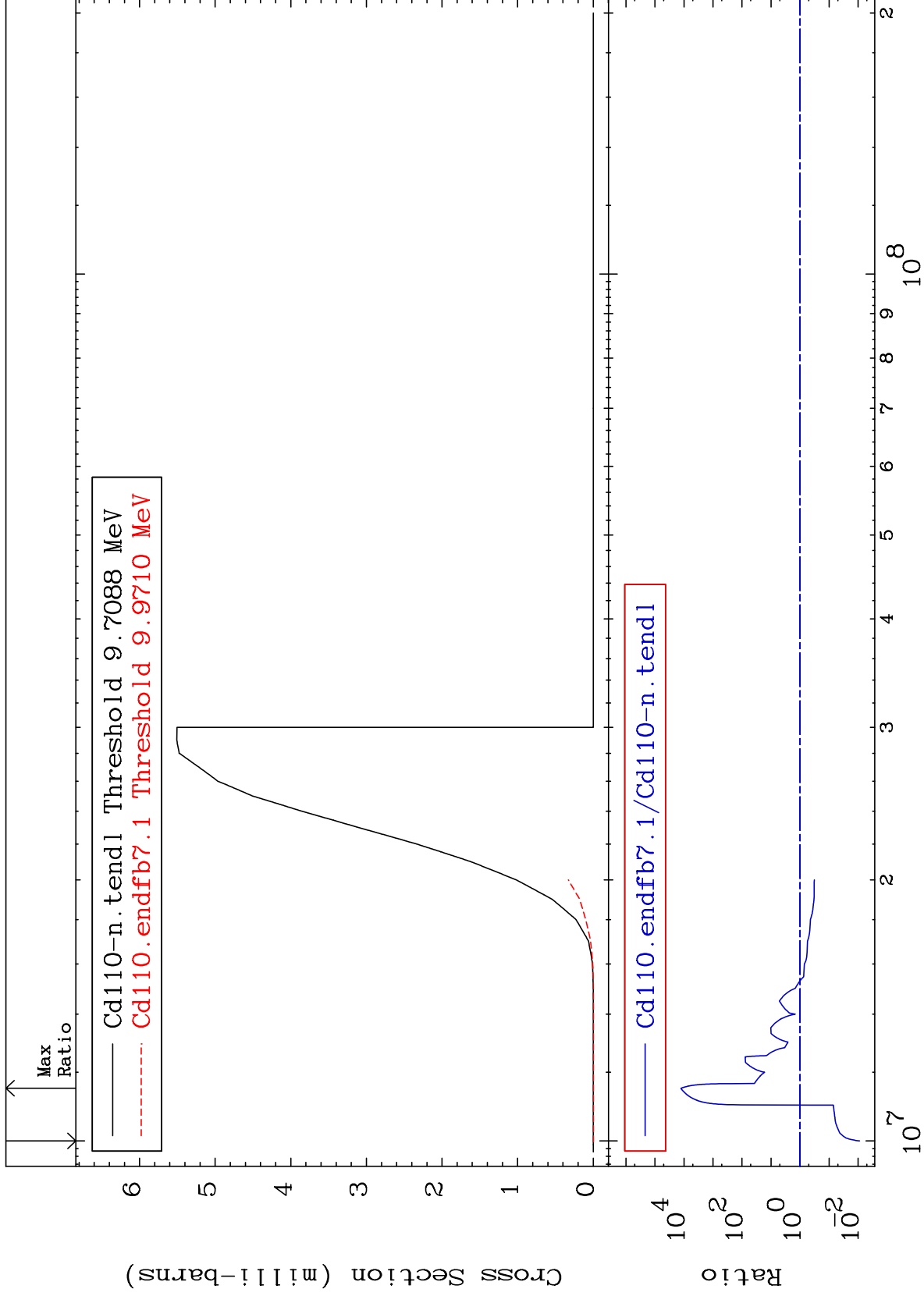
Incident Energy (eV)

48-Cd-110

MAT 4837

(n, t)
Cross Section

48-Cd-110
-99.11 To 9999. %



28

Incident Energy (eV)

48-Cd-110

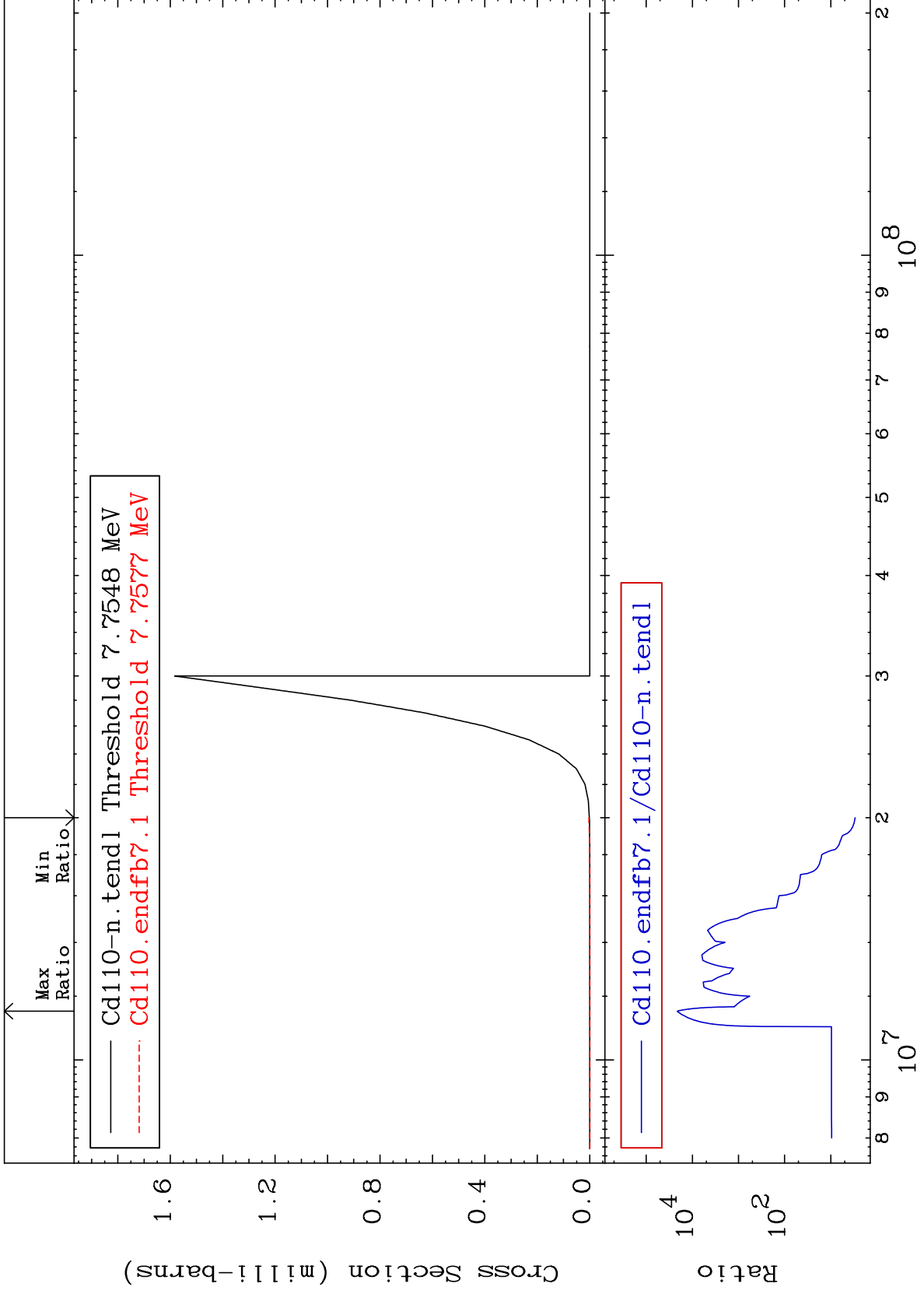
MAT 4837

(n, He-3)

48-Cd-110

Cross Section

197.2 To 9999. %



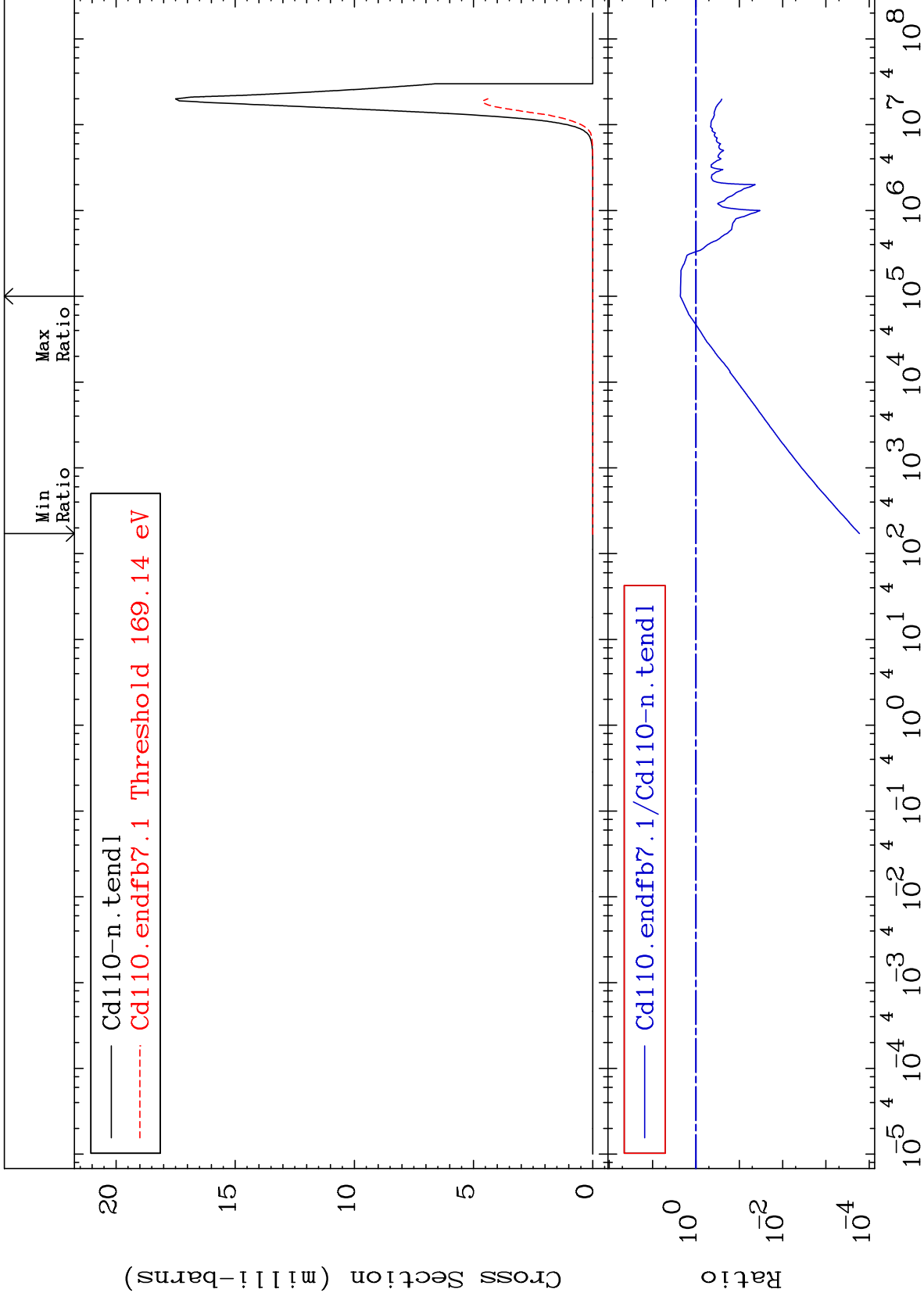
MAT 4837

(n, α)

48-Cd-110

Cross Section

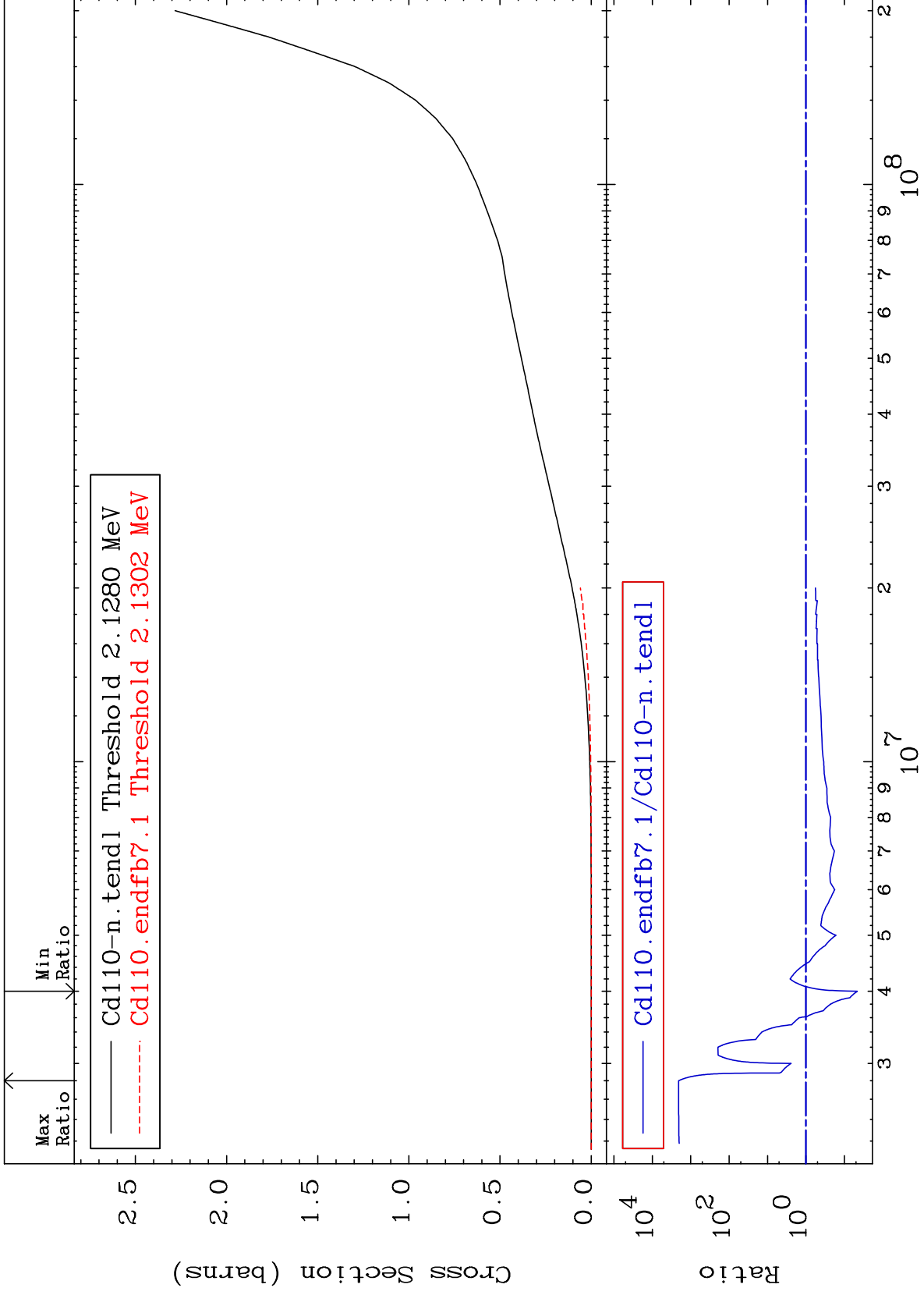
-99.98 To 128.8 %



30

Incident Energy (eV)

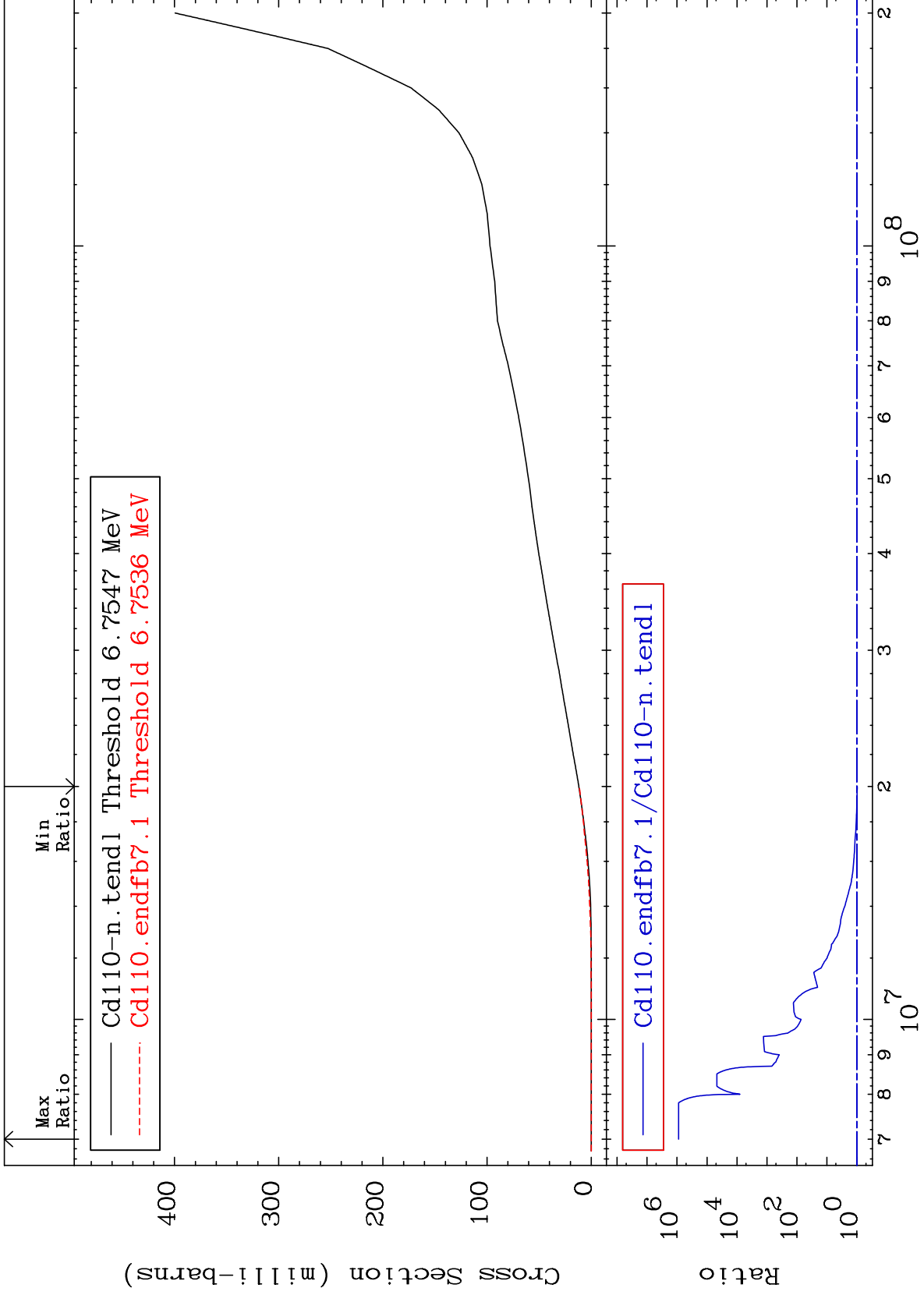
48-Cd-110



MAT 4837

Deuterium Production
Cross Section

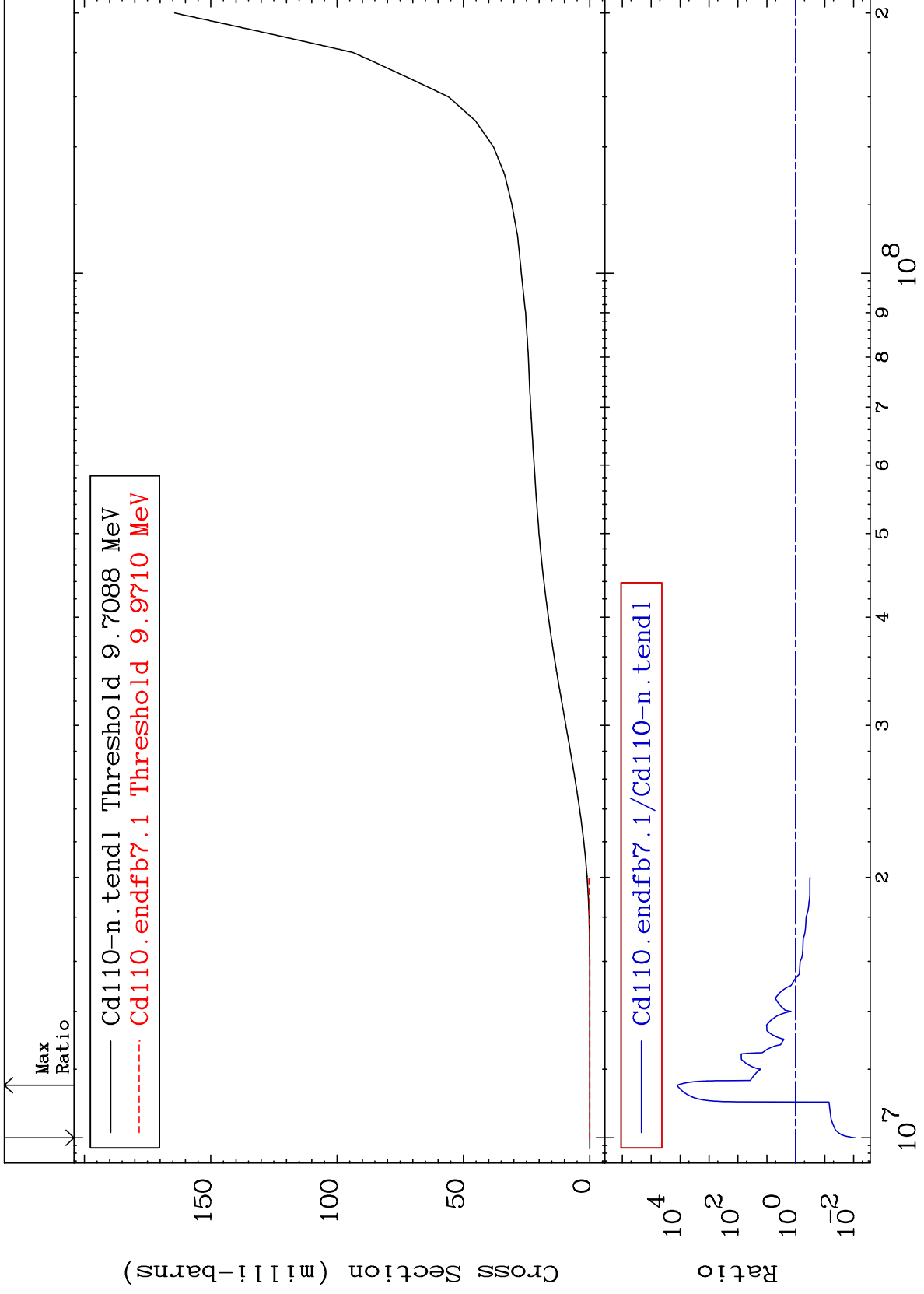
48-Cd-110
-2.890 To 9999. %



MAT 4837

Tritium Production
Cross Section

48-Cd-110
-99.11 To 9999. %



33

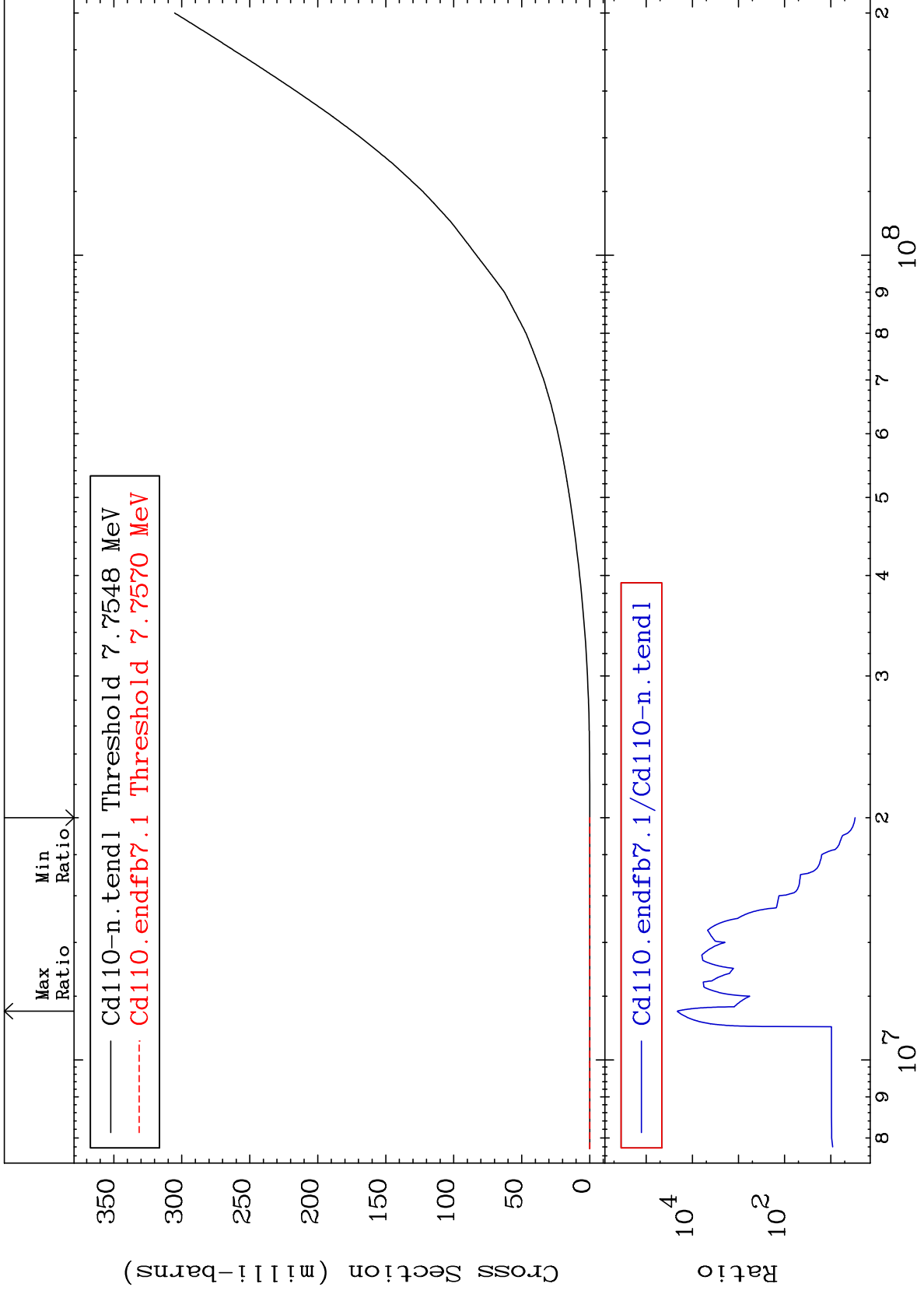
Incident Energy (eV)

48-Cd-110

MAT 4837

He-3 Production
Cross Section

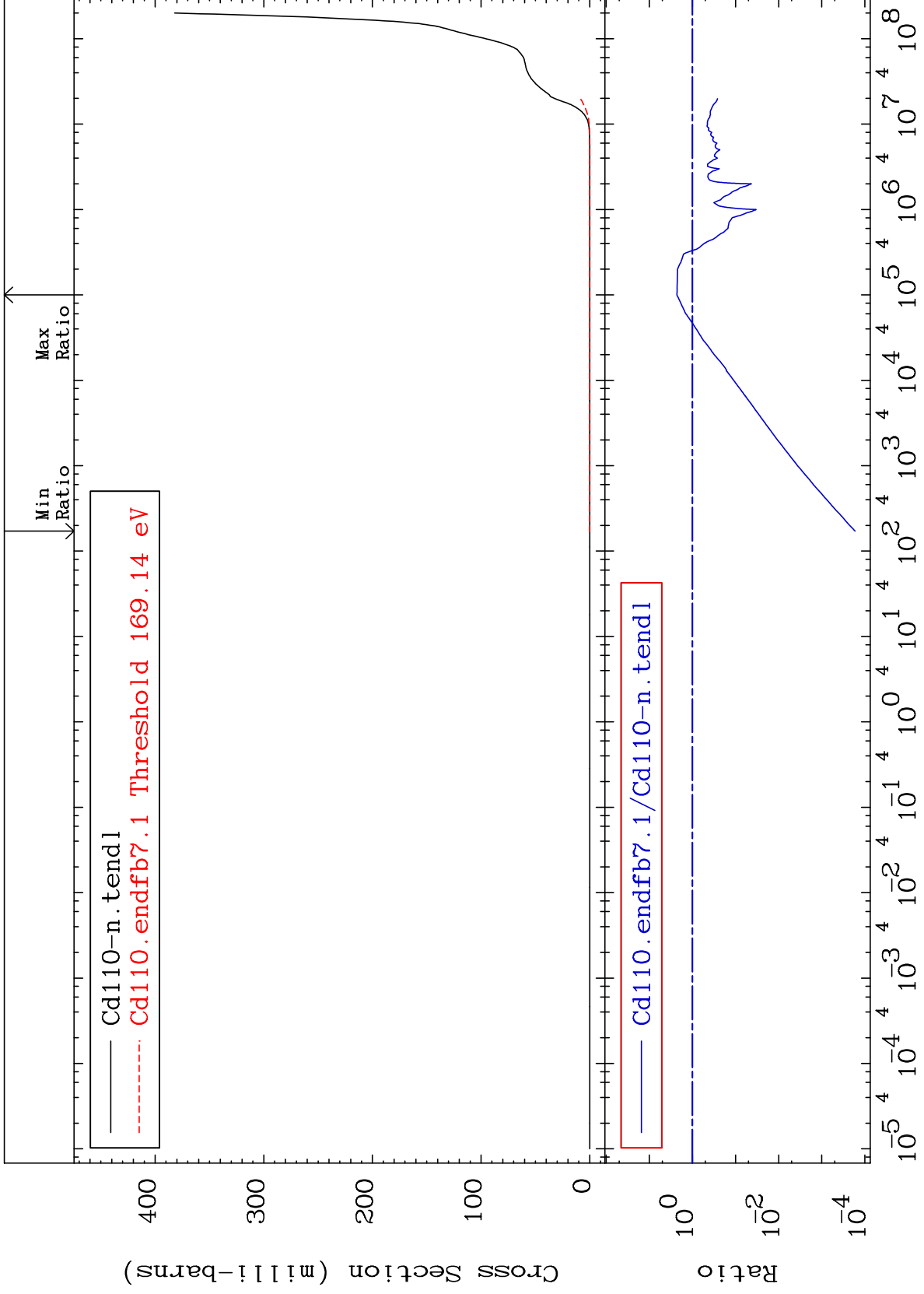
48-Cd-110
197.2 To 9999. %



MAT 4837

He-4 Production
Cross Section

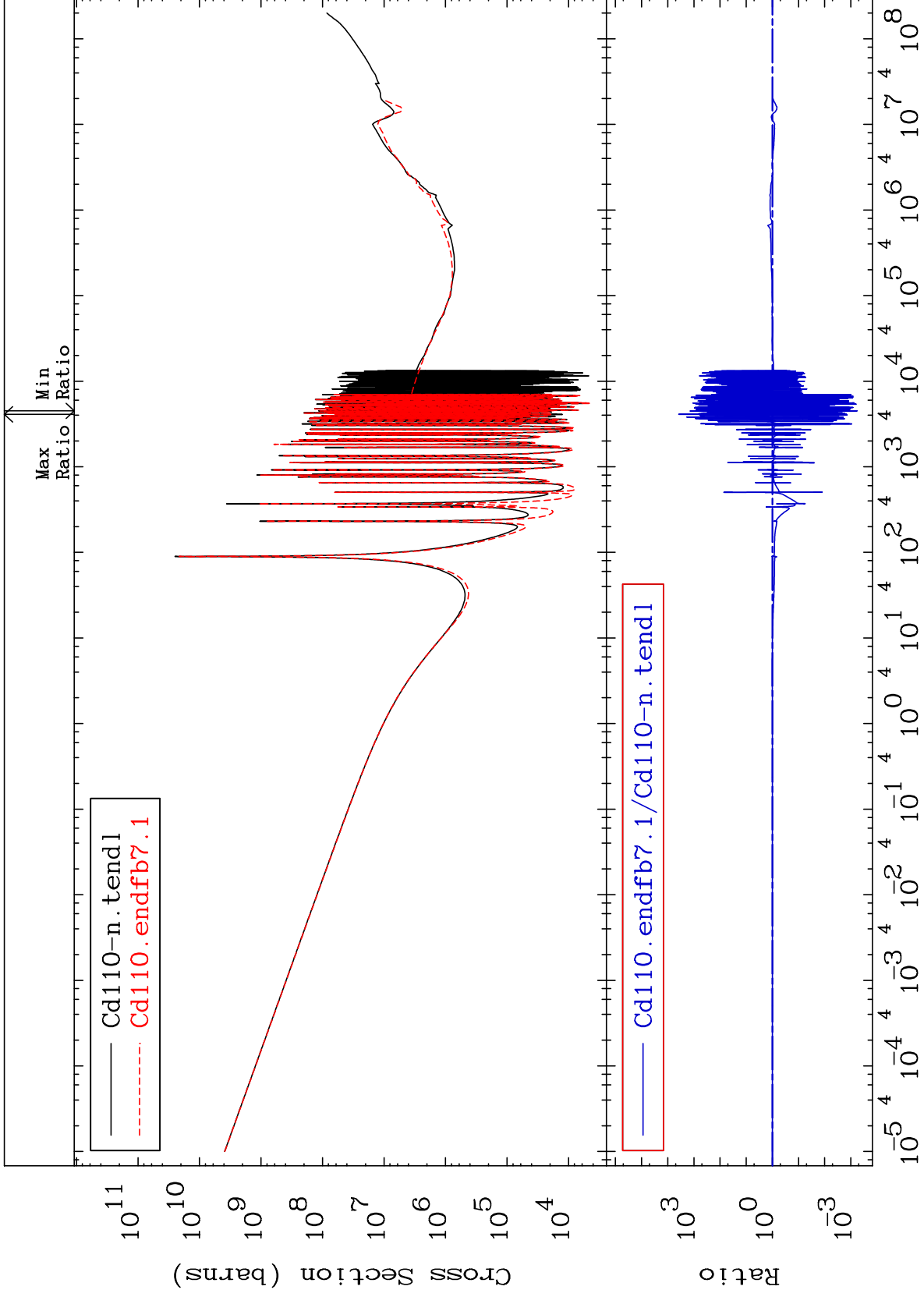
48-Cd-110
-99.98 To 128.8 %



35

Incident Energy (eV)

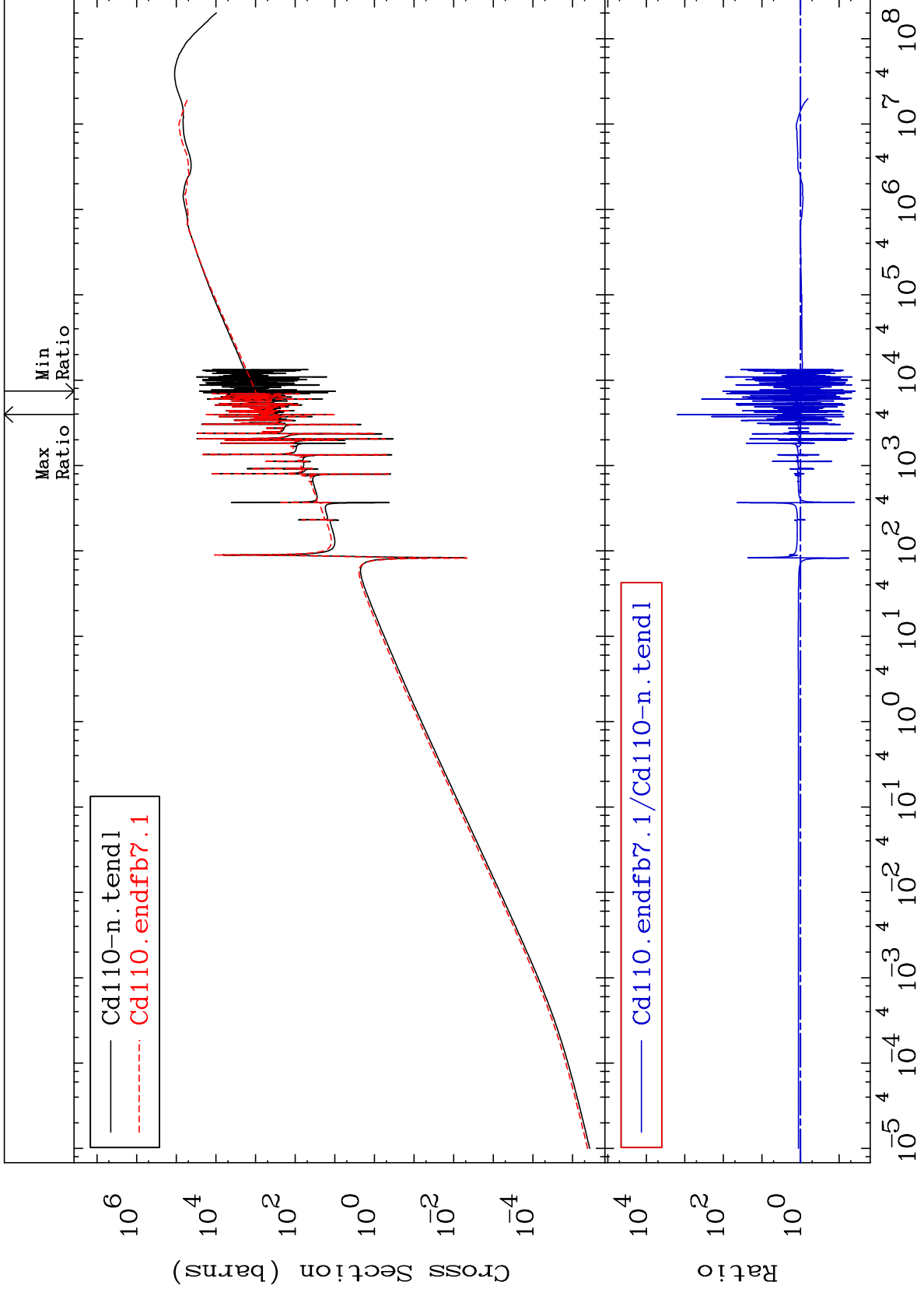
48-Cd-110



MAT 4837

Kerma elastic
Cross Section

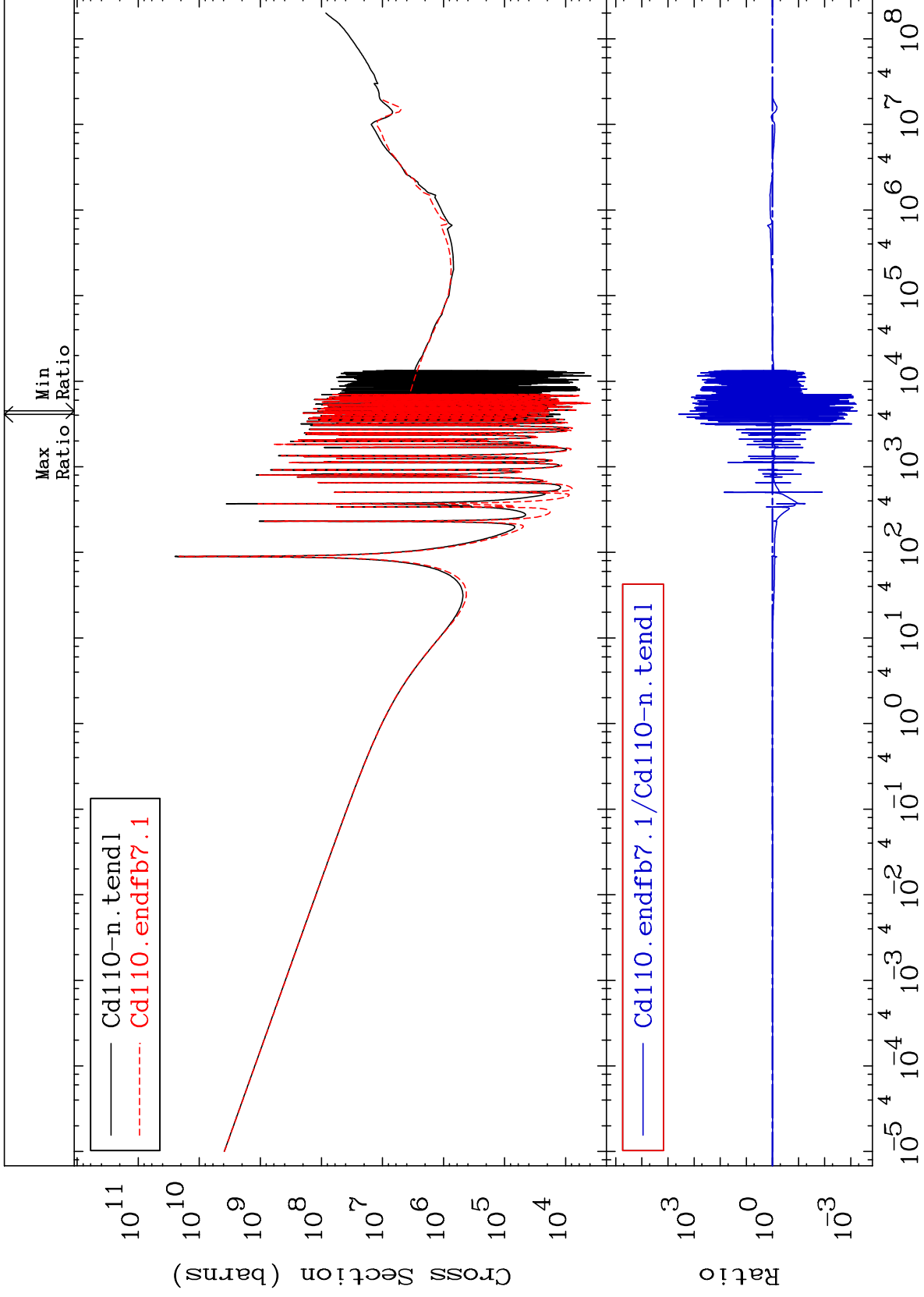
48-Cd-110
-96.16 To 9999. %

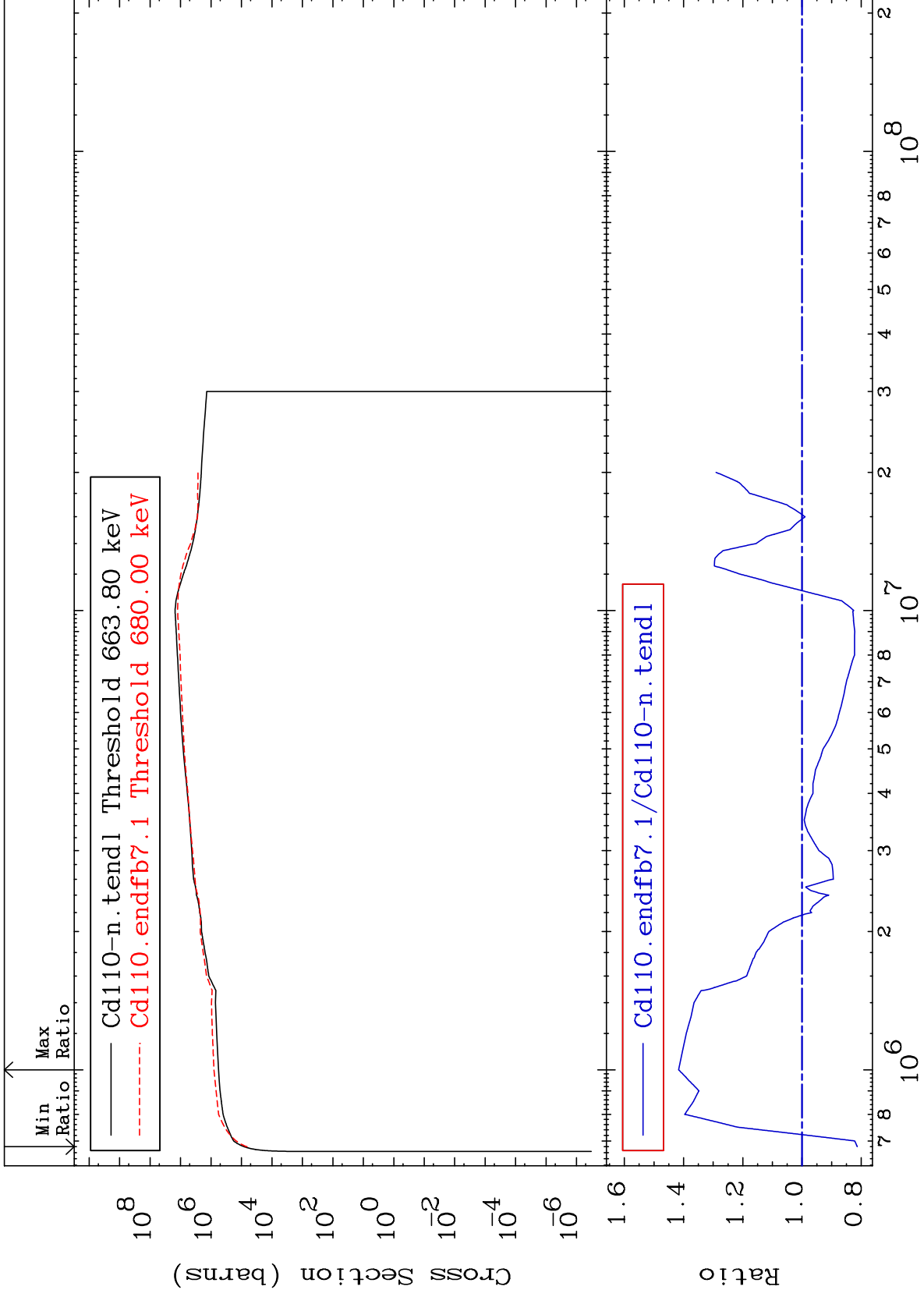


37

Incident Energy (eV)

48-Cd-110

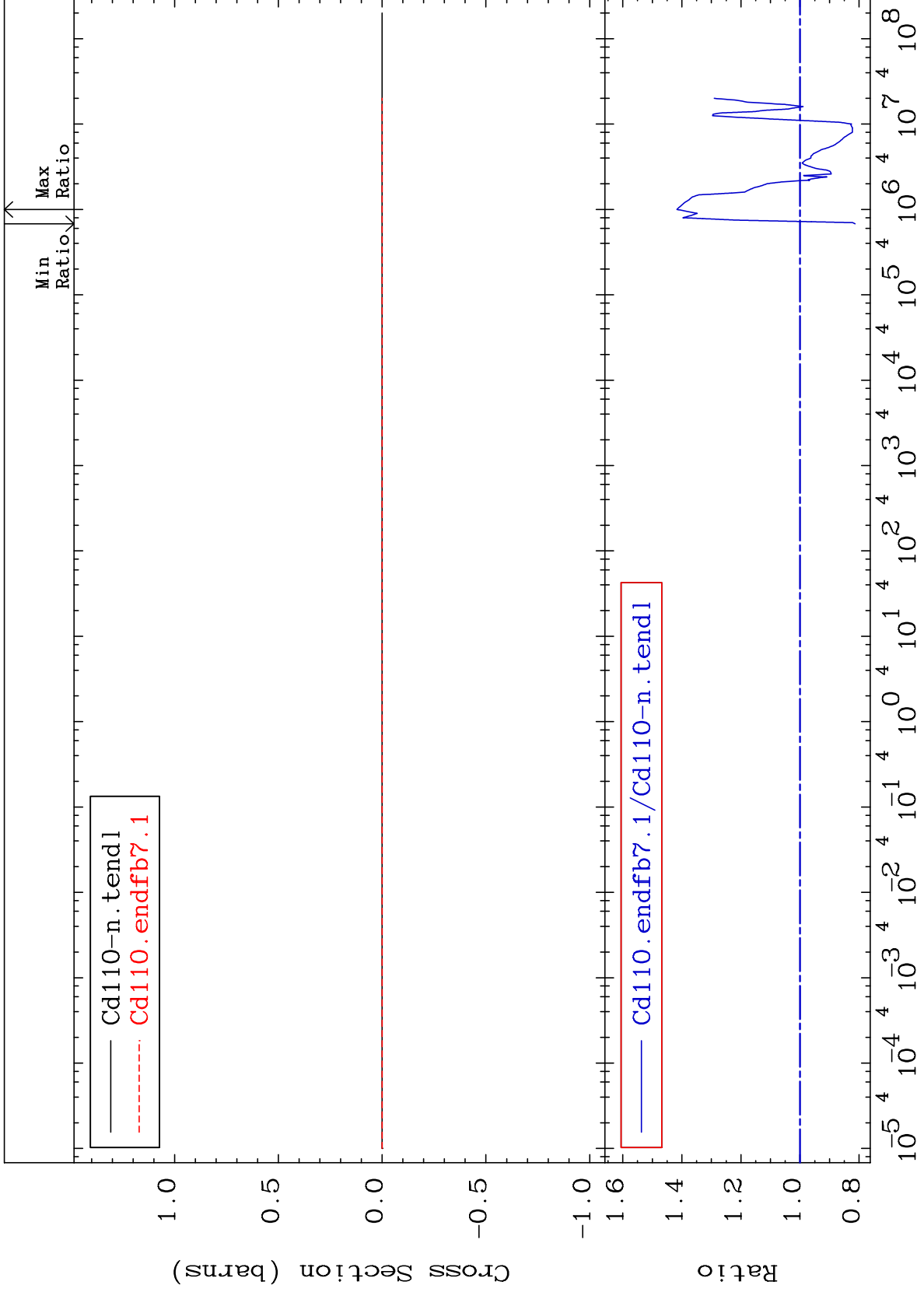




MAT 4837

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

48-Cd-110
-18.66 To 41.67 %

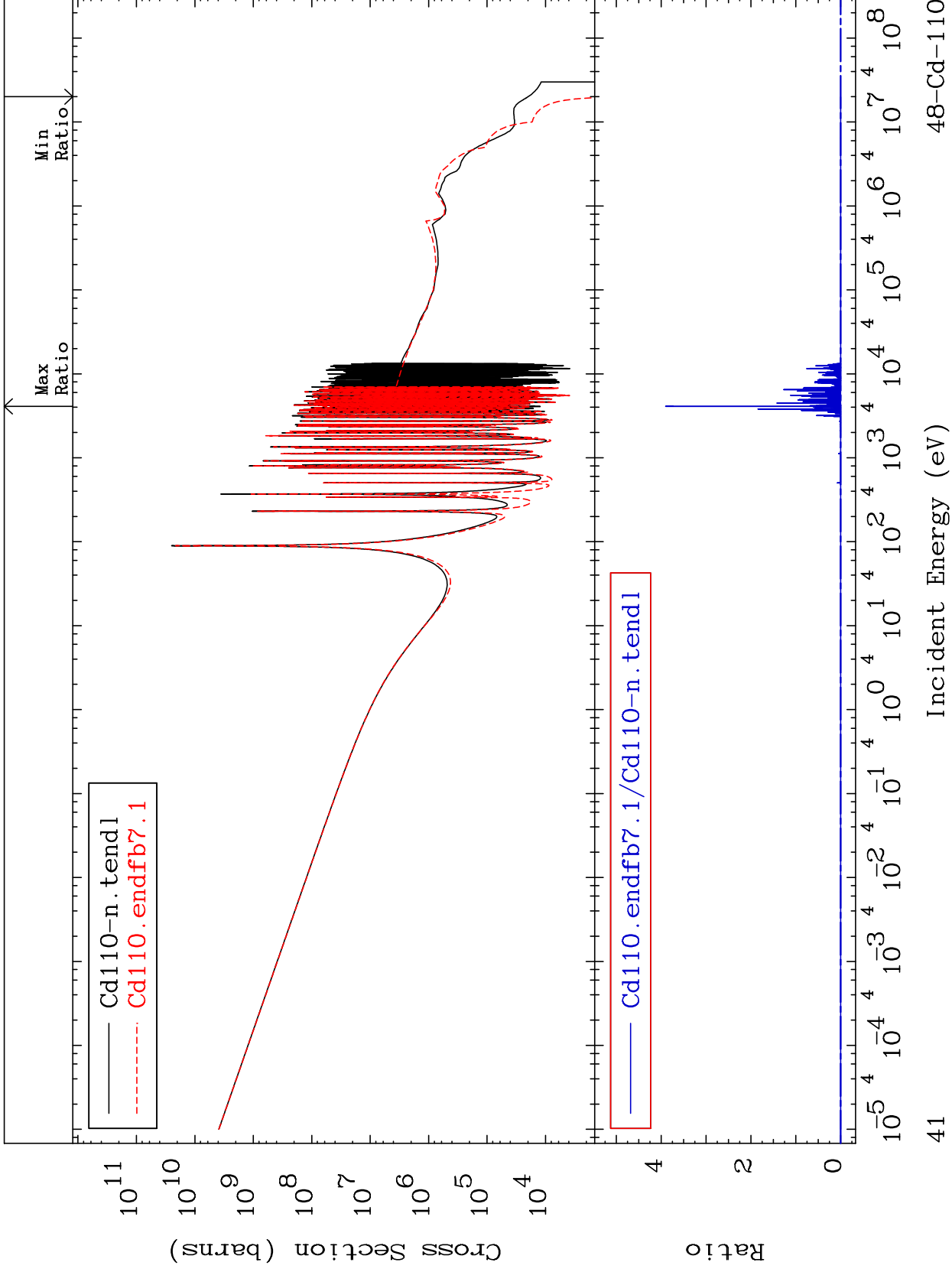


48-Cd-110

MAT 4837

Kerma capture (mt102)
Cross Section

48-Cd-110
-100.0 To 9999. %



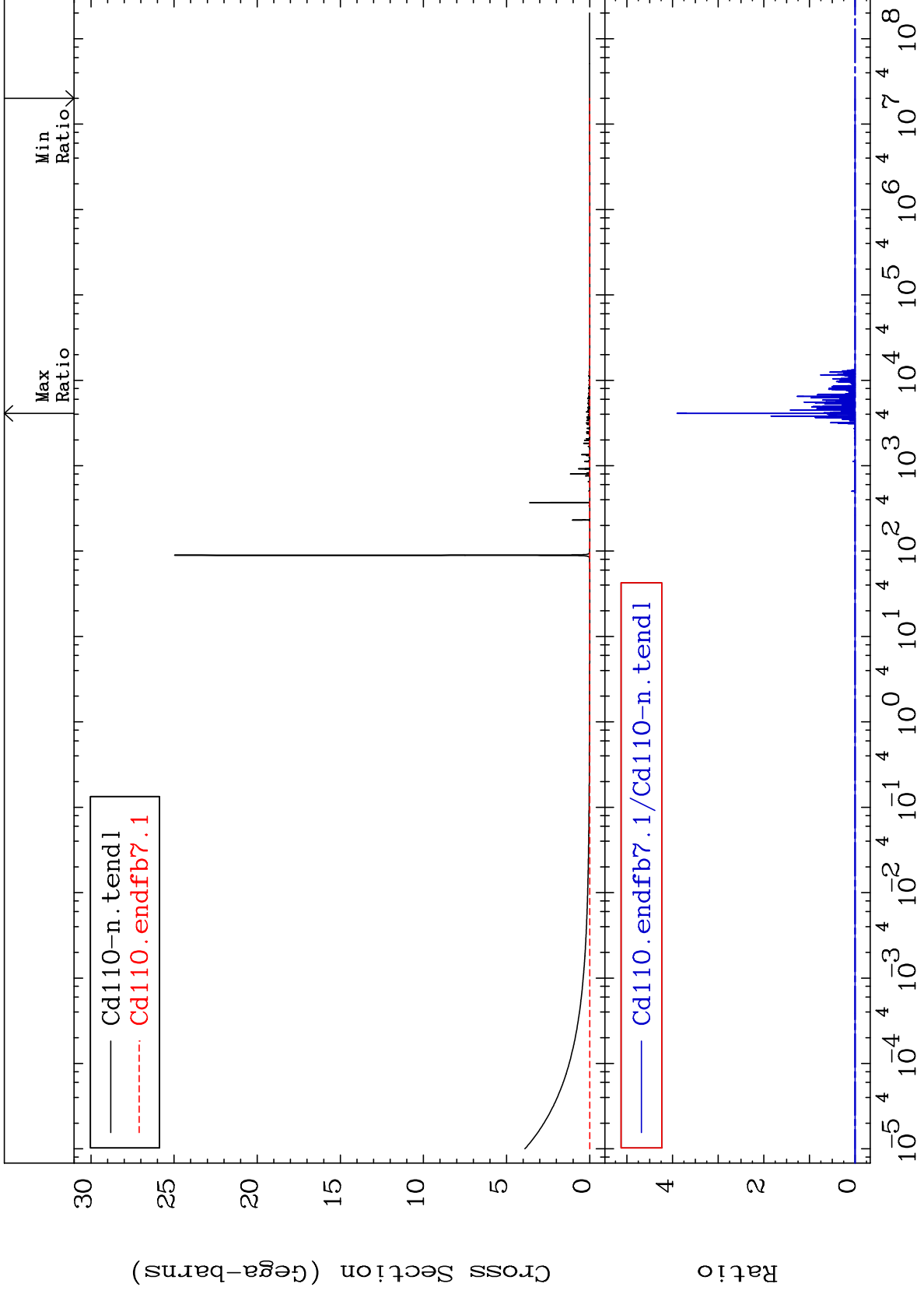
41

48-Cd-110

MAT 4837

Total photon (eV-barns)
Cross Section

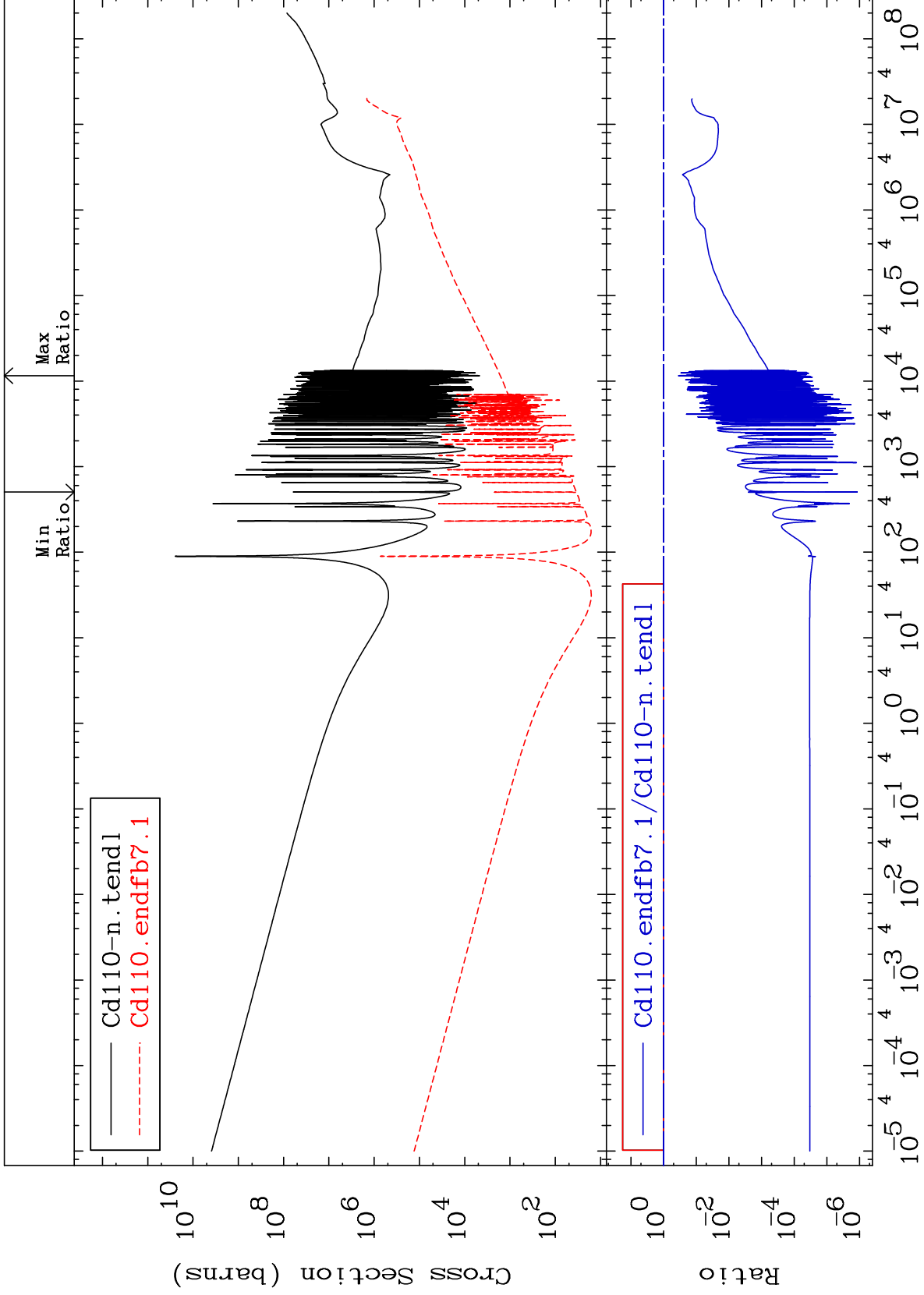
48-Cd-110
-100.0 To 9999. %



MAT 4837

Total kinematic kerma (high limit)
Cross Section

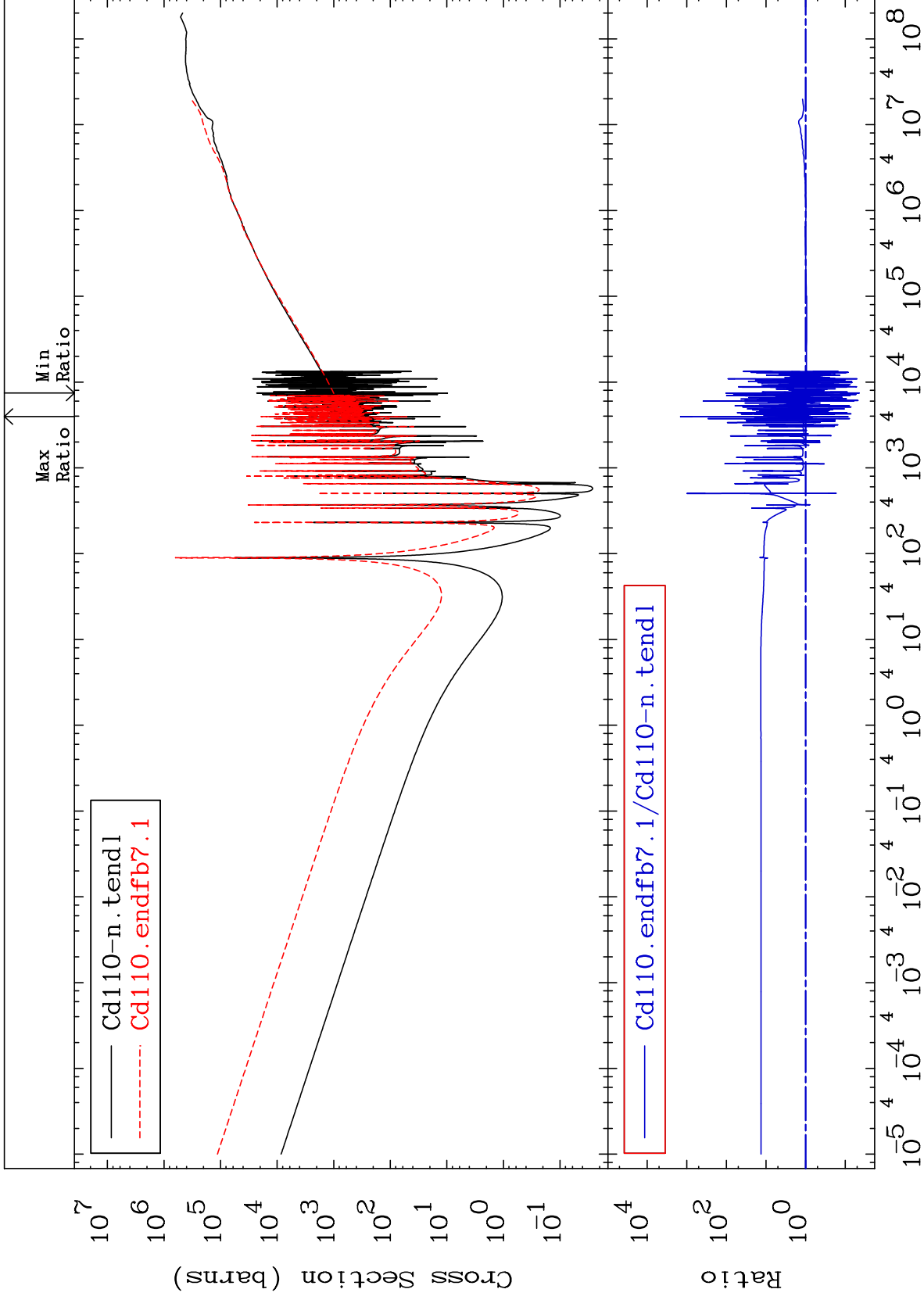
48-Cd-110
-100.0 To -65.14%



MAT 4837

Dpa total (eV-barns)
Cross Section

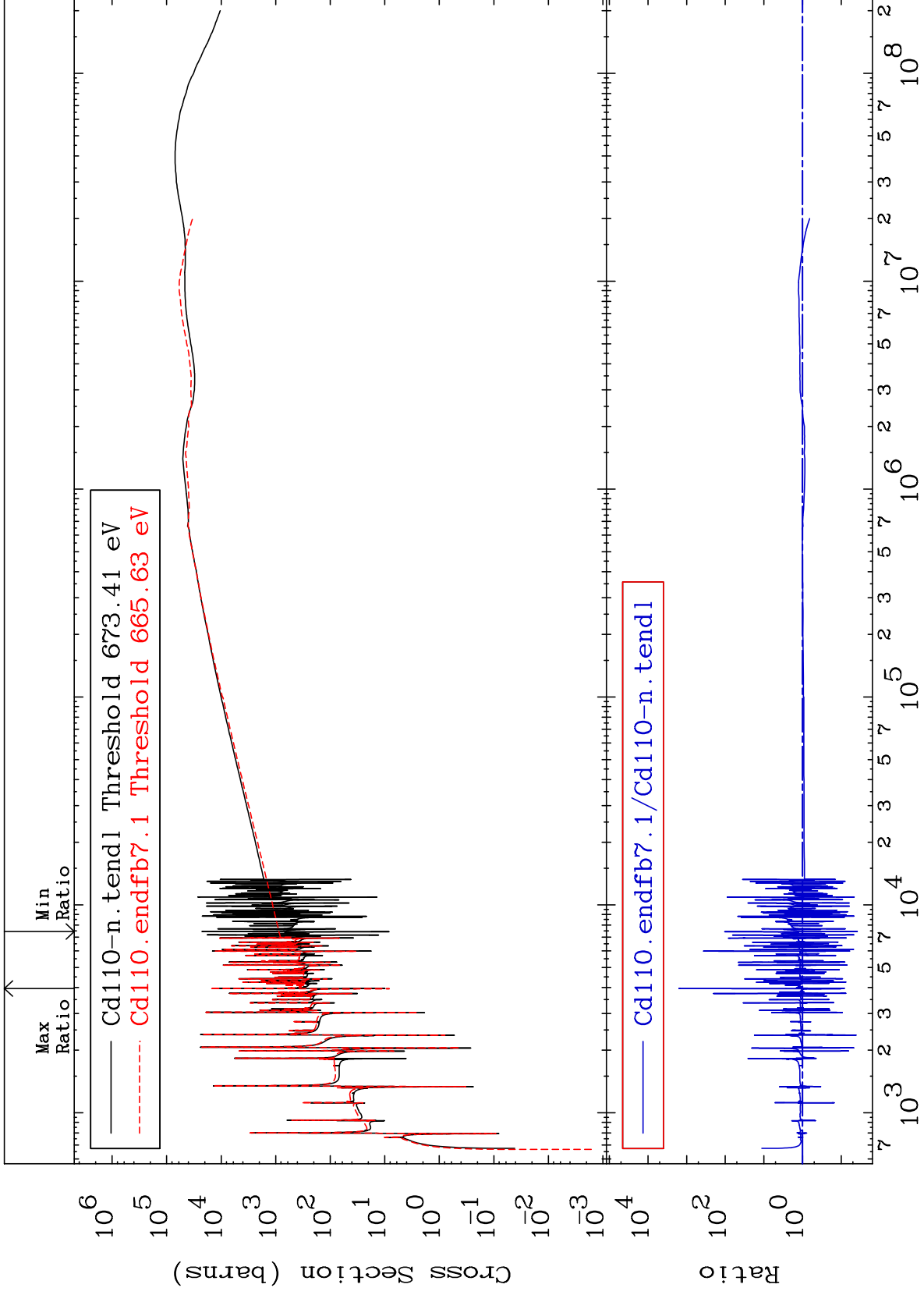
48-Cd-110
-95.60 To 9999. %



MAT 4837

Dpa elastic (mt2)
Cross Section

48-Cd-110
-96.16 To 9999. %



45

Incident Energy (eV)

48-Cd-110

