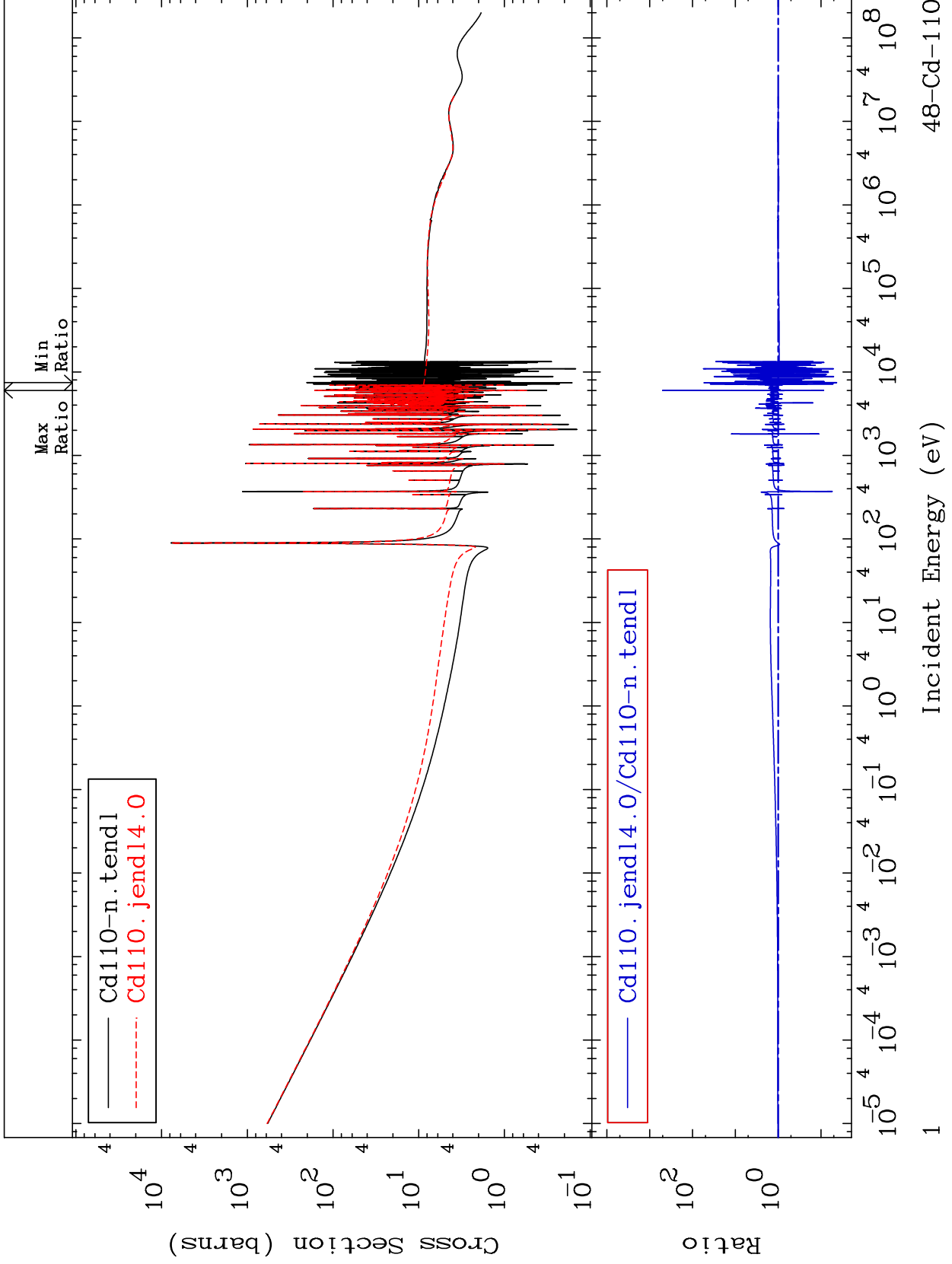


MAT 4837

Total
Cross Section

48-Cd-110
-95.71 To 9999. %



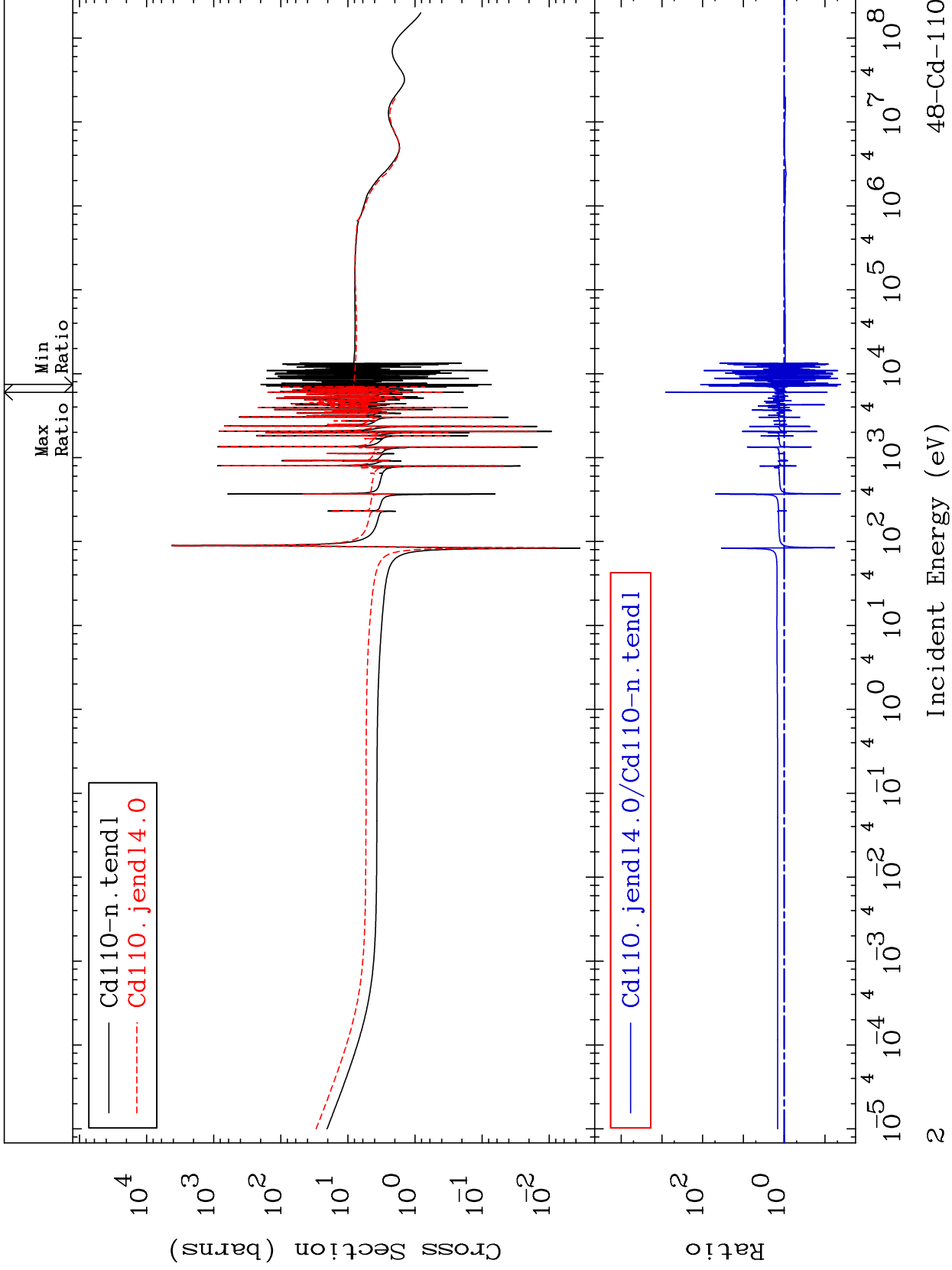
48-Cd-110

Incident Energy (eV)

MAT 4837

Elastic
Cross Section

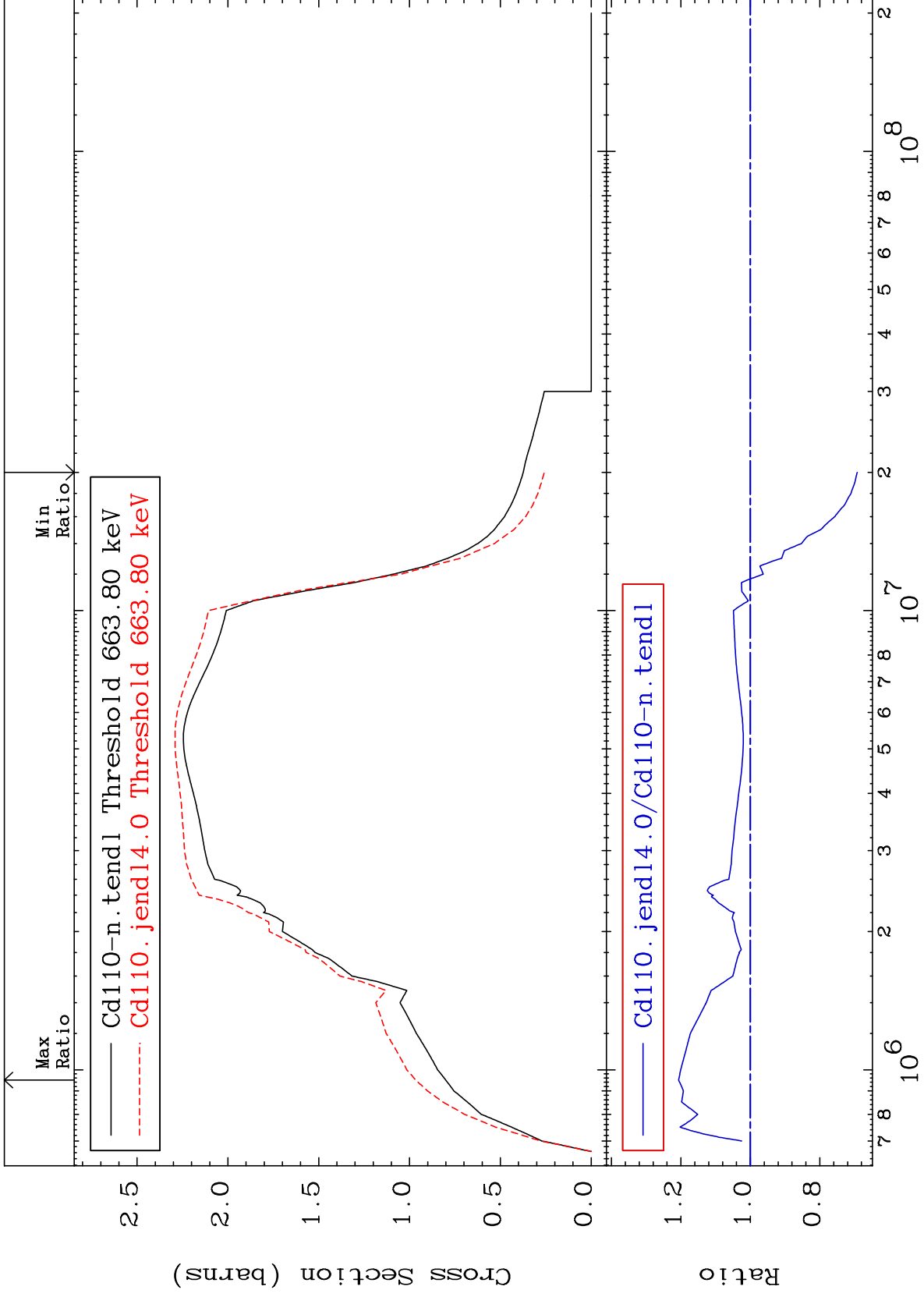
48-Cd-110
-95.87 To 9999. %



MAT 4837

Inelastic
Cross Section

48-Cd-110
-30.79 To 20.66 %



3

48-Cd-110

MAT 4837

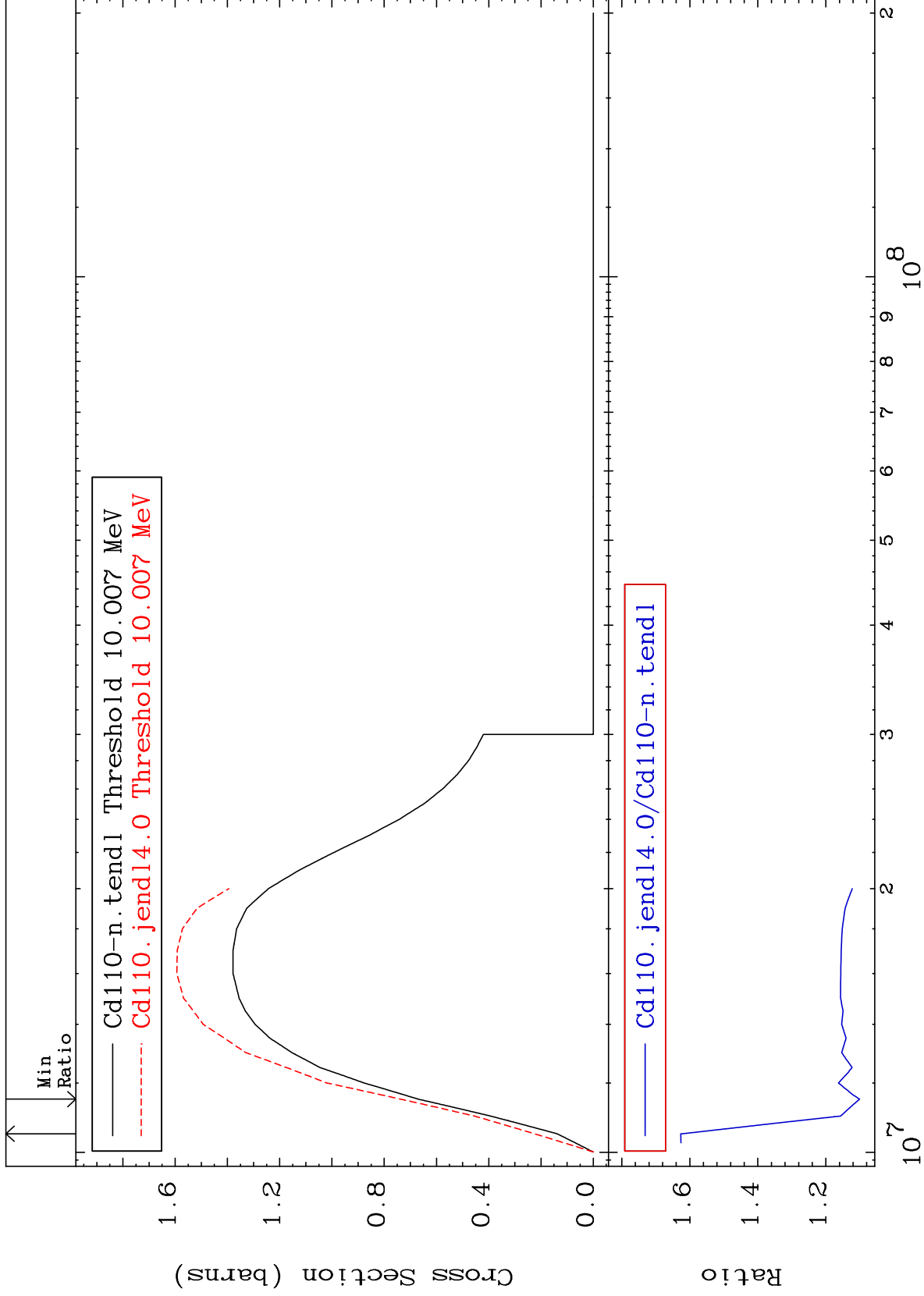
(n,2n)

48-Cd-110

Cross Section

10.09

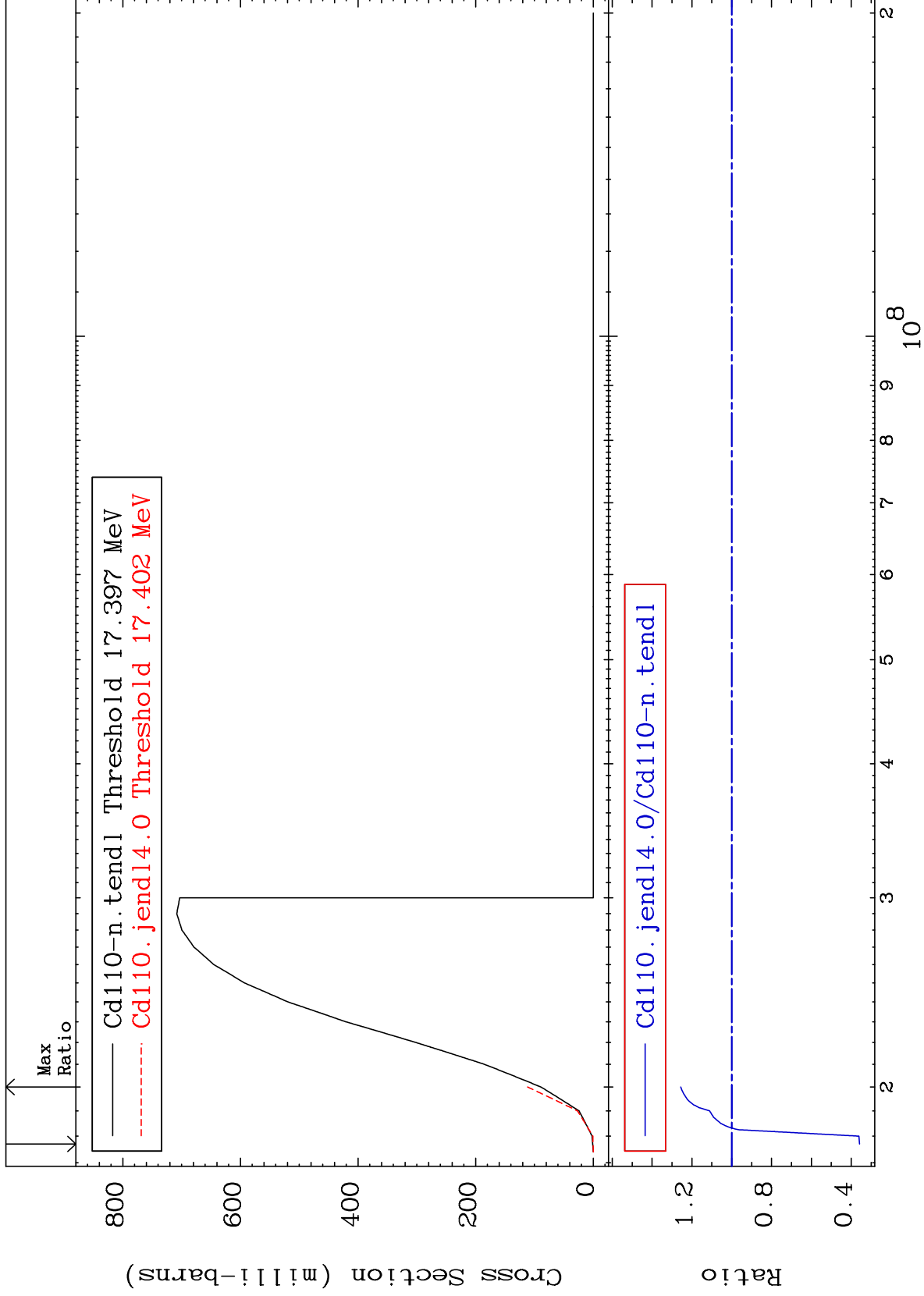
To 62.67 %



MAT 4837

(n,3n)
Cross Section

48-Cd-110
-64.17 To 25.59 %



5

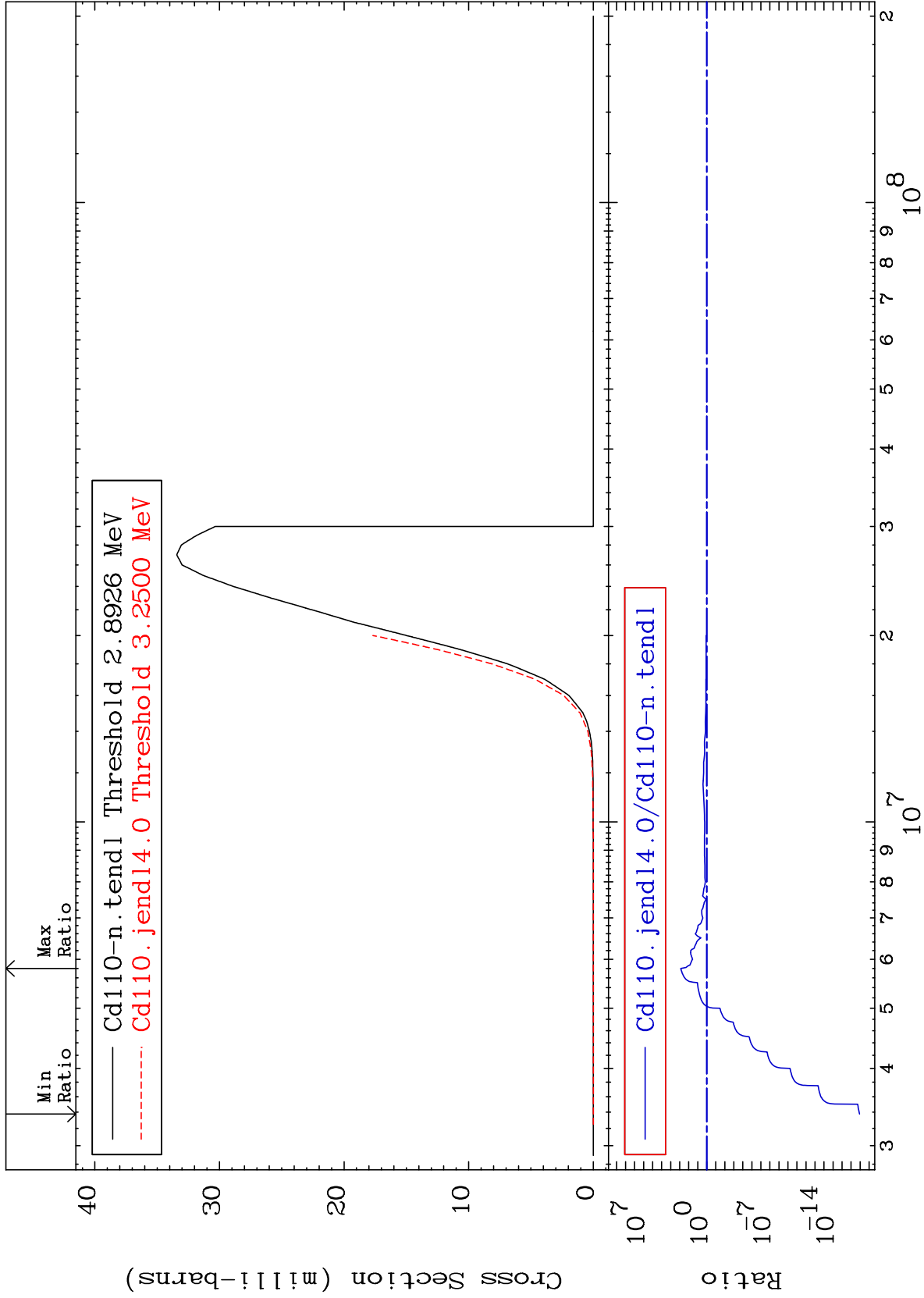
48-Cd-110

48-Cd-110

MAT 4837

(n,n') α
Cross Section

48-Cd-110
-100.0 To 9999. %



6

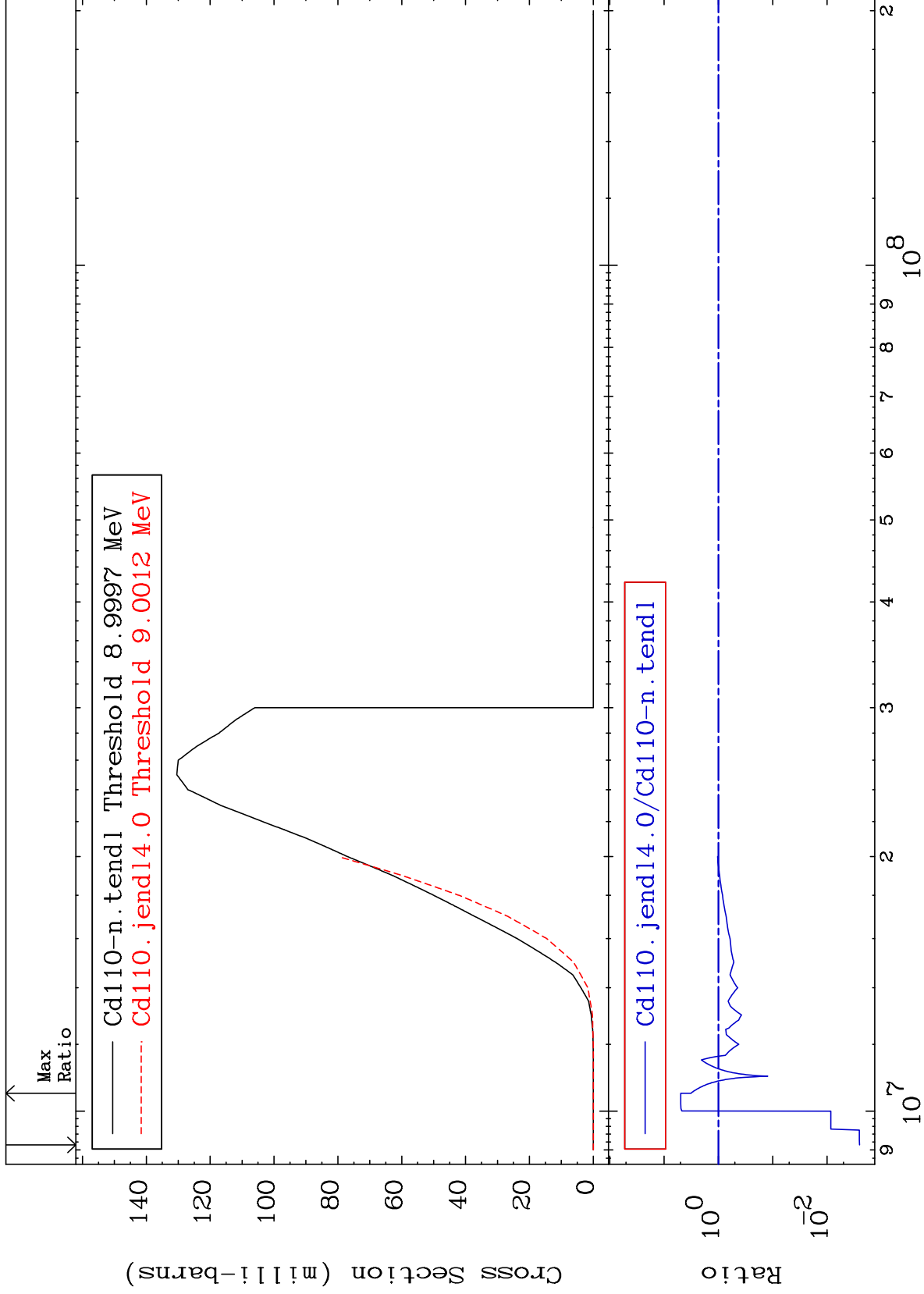
Incident Energy (eV)

48-Cd-110

MAT 4837

(n,n') p
Cross Section

48-Cd-110
-99.75 To 392.8 %



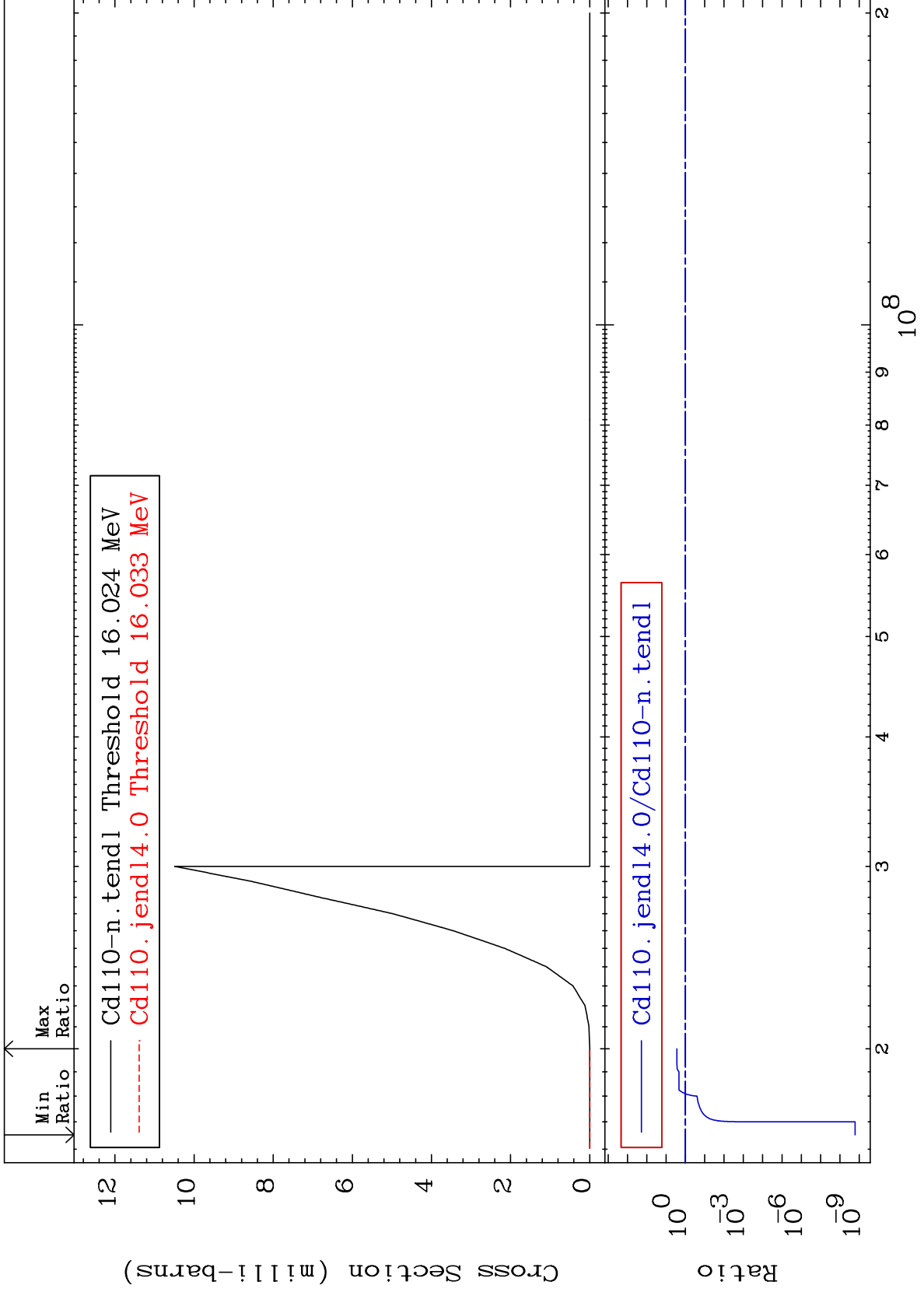
Incident Energy (eV)

48-Cd-110

MAT 4837

(n,n') d
Cross Section

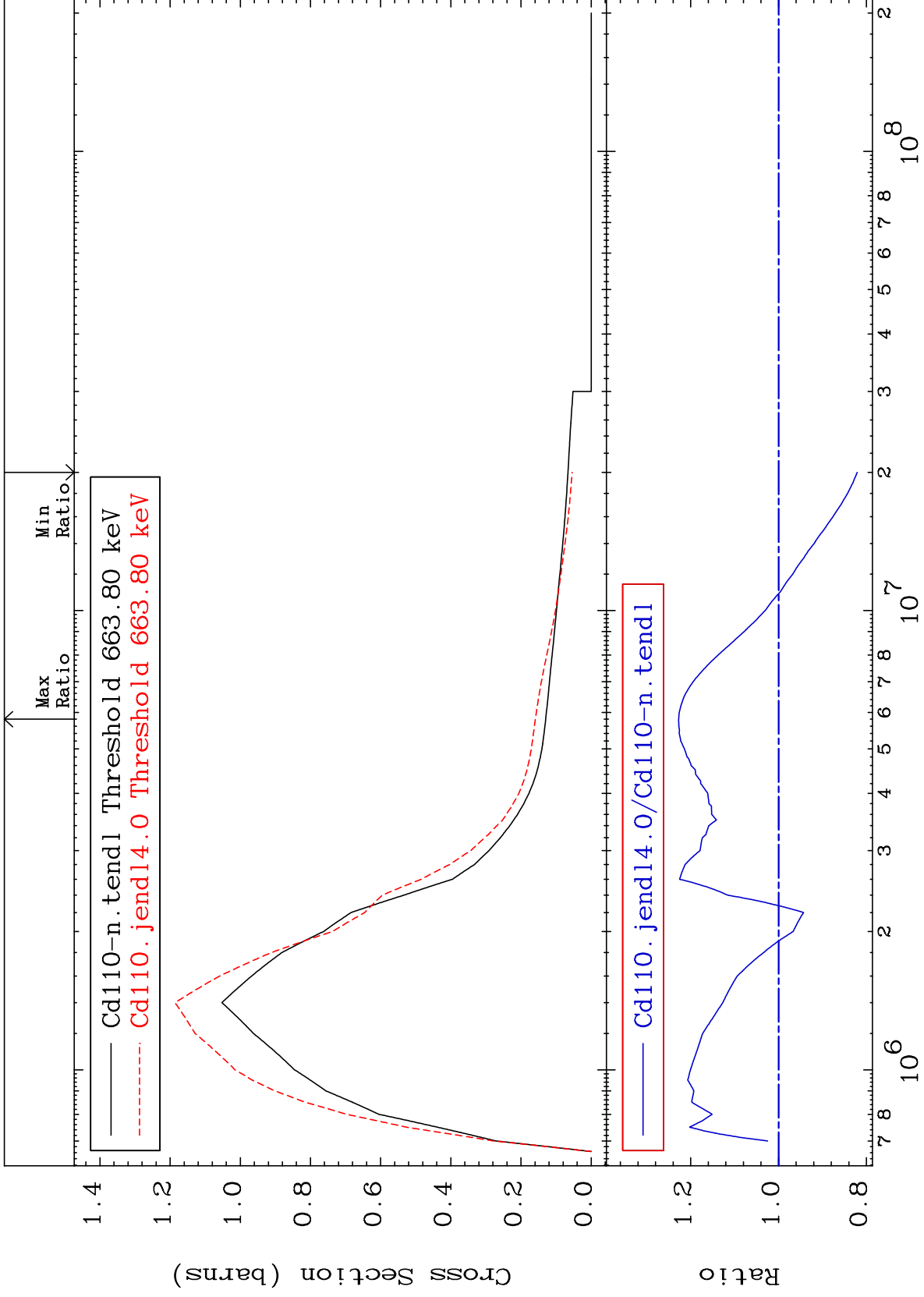
48-Cd-110
-100.0 To 174.1 %



MAT 4837

657.8 keV (n,n') Level
Cross Section

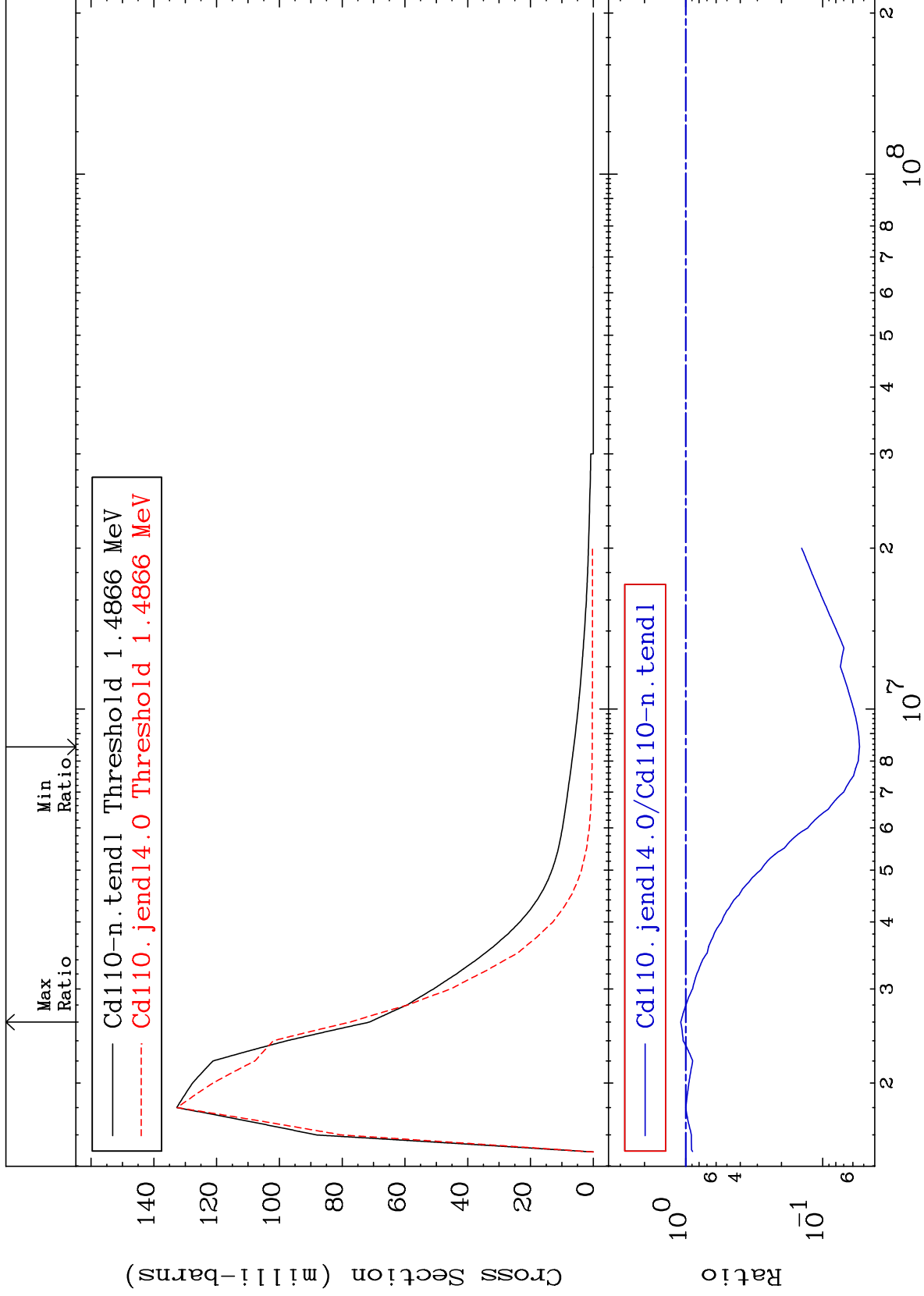
48-Cd-110
-17.91 To 22.75 %



MAT 4837

1.473 MeV (n,n') Level
Cross Section

48-Cd-110
-94.63 To 8.729 %



10

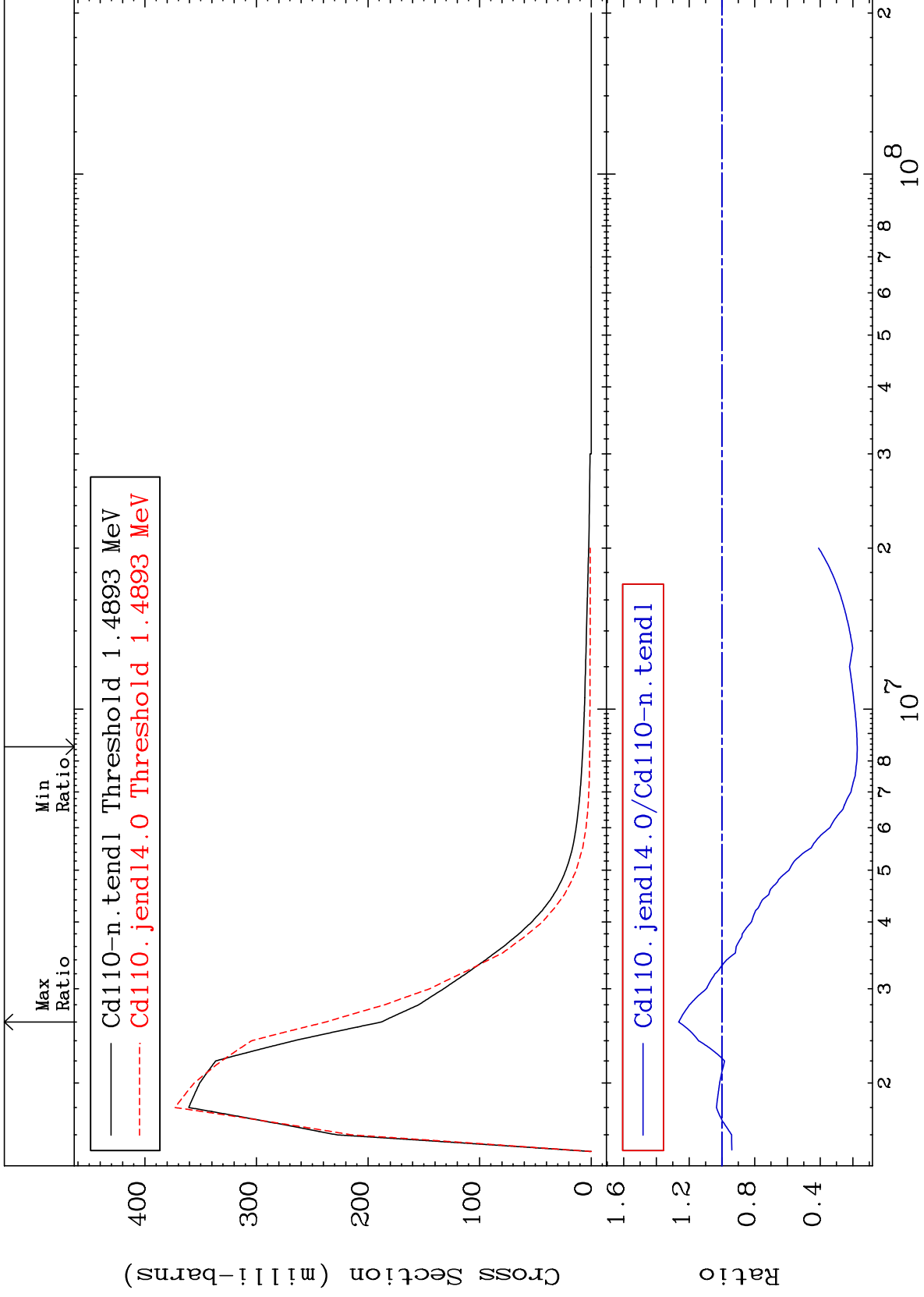
Incident Energy (eV)

48-Cd-110

MAT 4837

1.476 MeV (n,n') Level
Cross Section

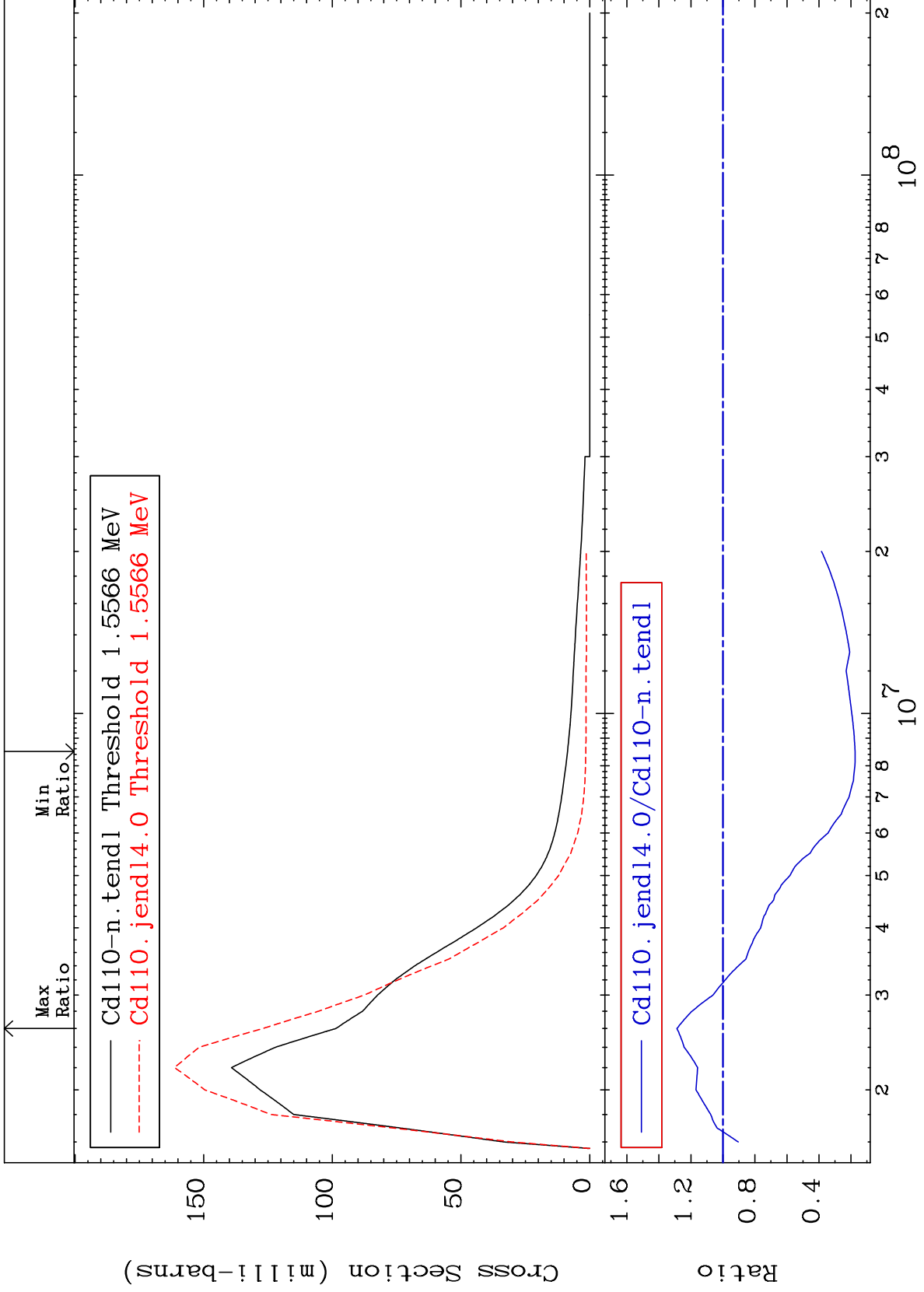
48-Cd-110
-82.66 To 26.42 %



MAT 4837

1.542 MeV (n,n') Level
Cross Section

48-Cd-110
-82.57 To 28.74 %



12

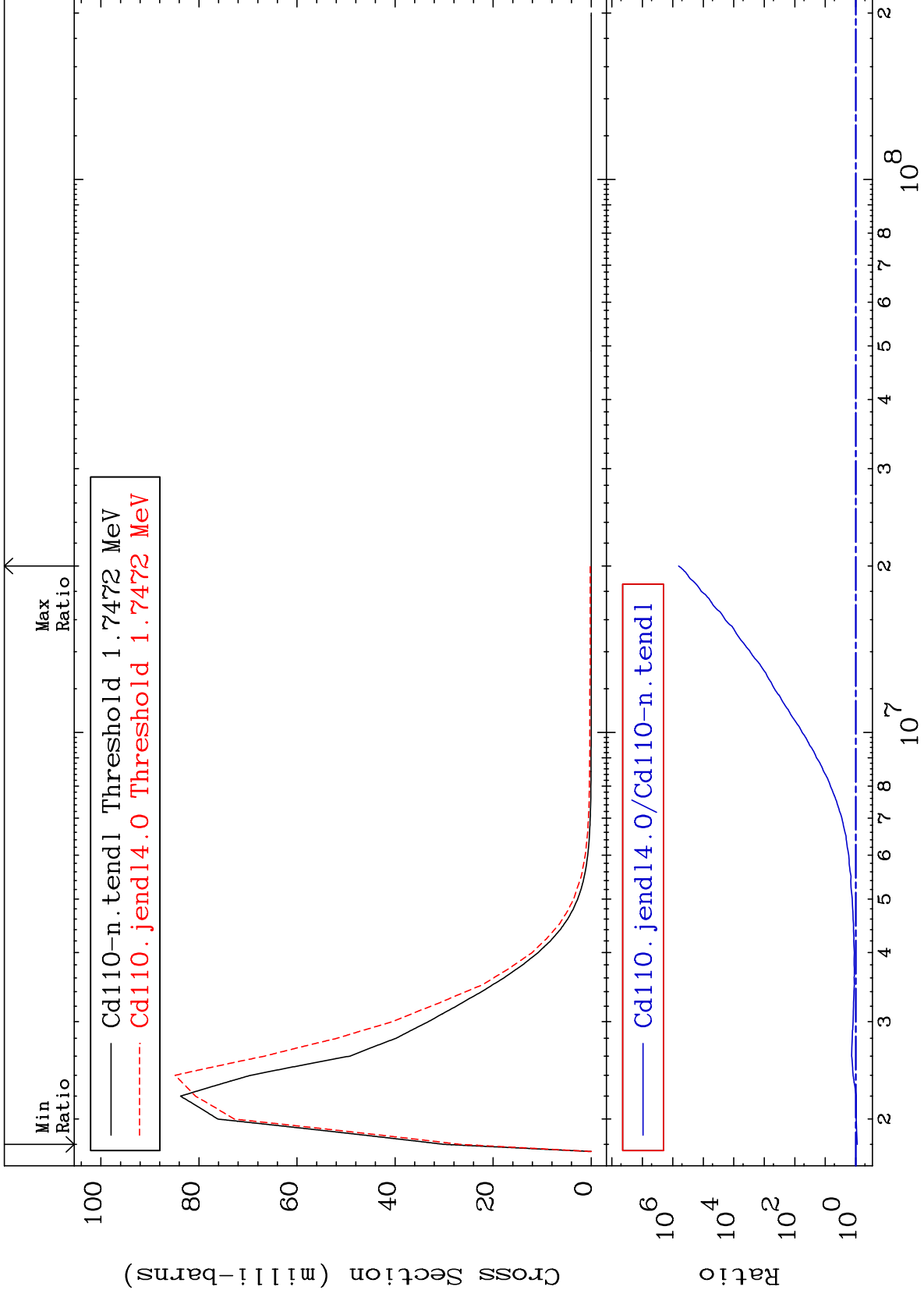
Incident Energy (eV)

48-Cd-110

MAT 4837

1.731 MeV (n,n') Level
Cross Section

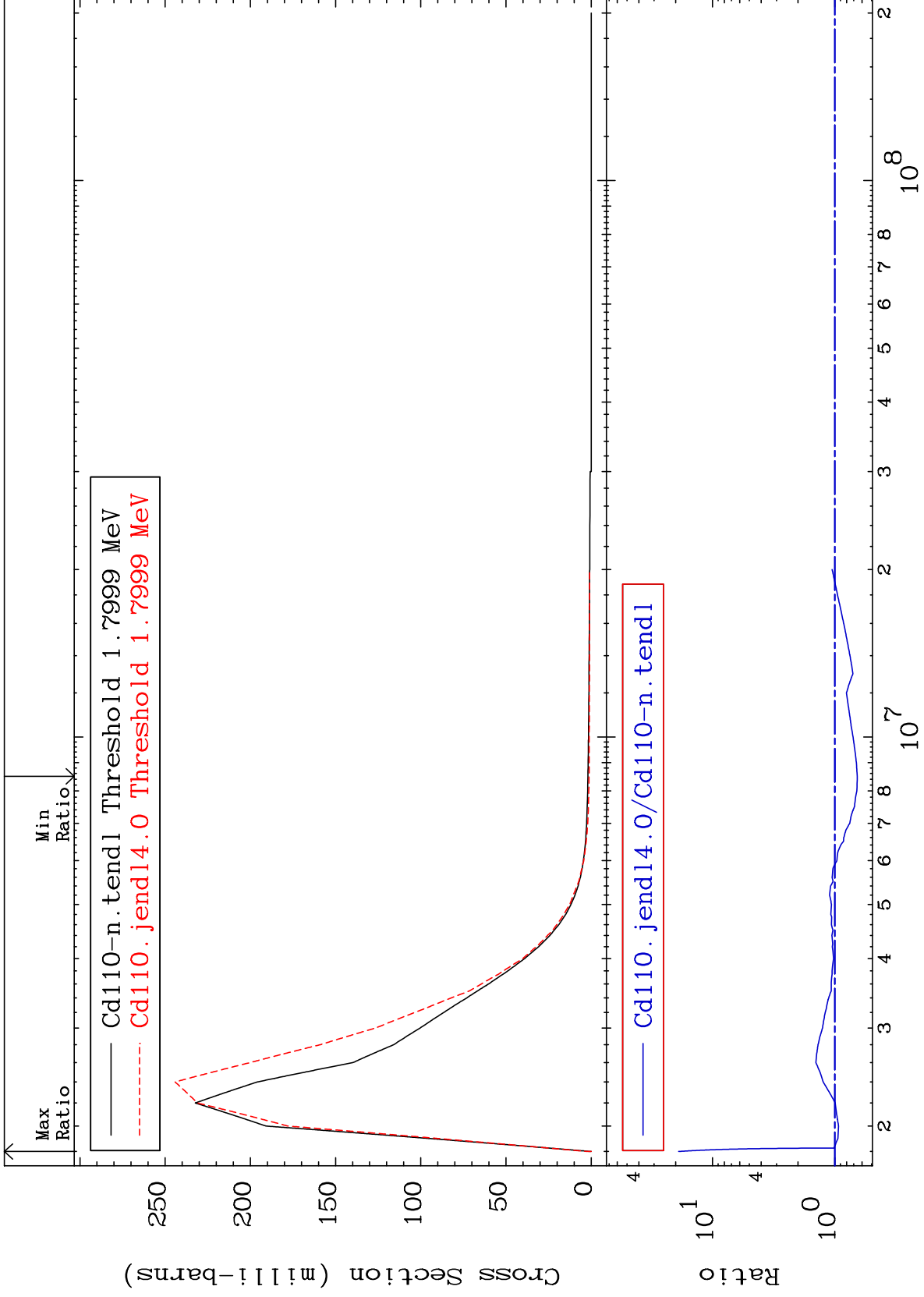
48-Cd-110
-11.00 To 9999. %



MAT 4837

1.783 MeV (n,n') Level
Cross Section

48-Cd-110
-34.43 To 1791. %



14

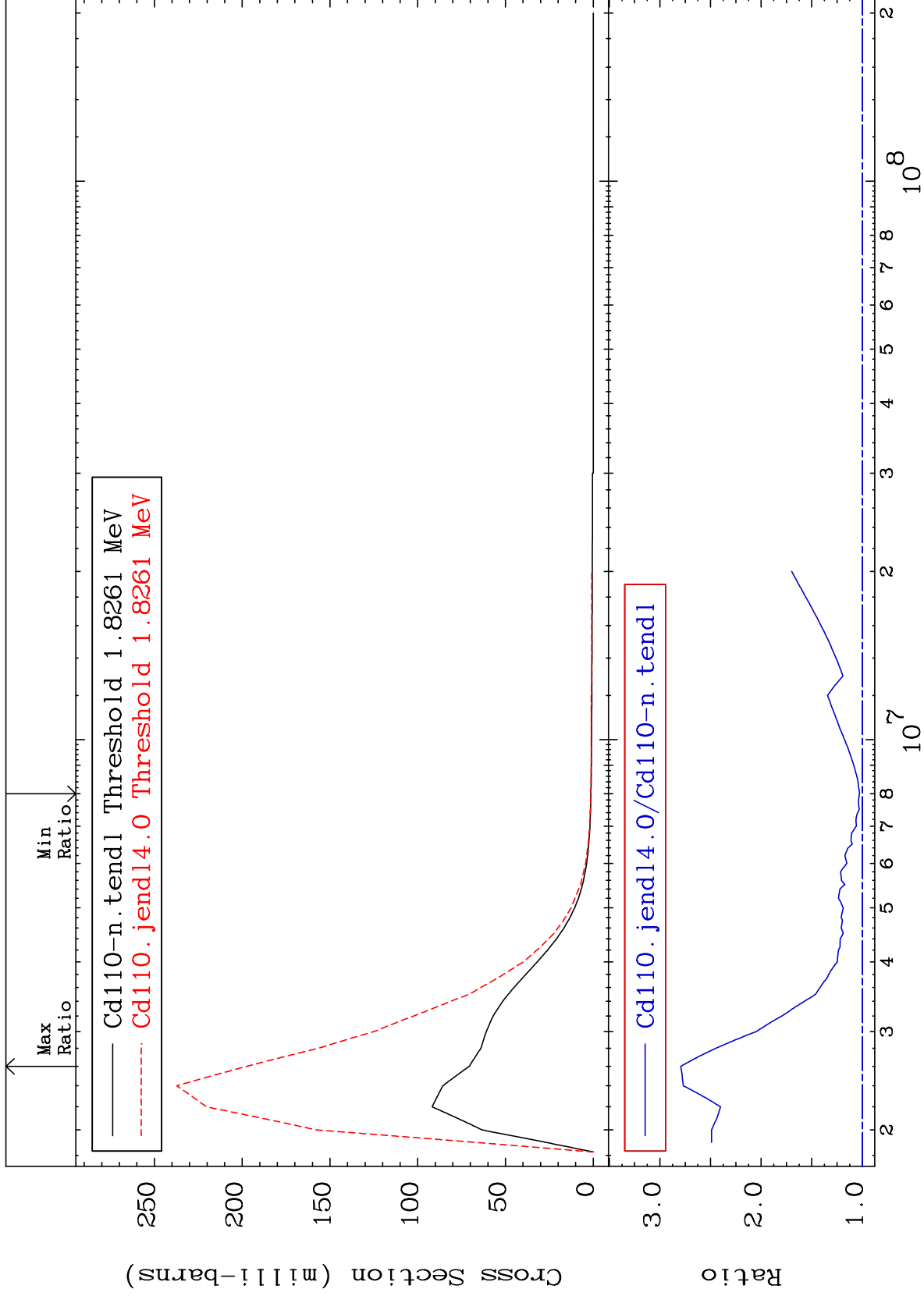
Incident Energy (eV)

48-Cd-110

MAT 4837

1.809 MeV (n,n') Level
Cross Section

48-Cd-110
2.799 To 179.4 %



15

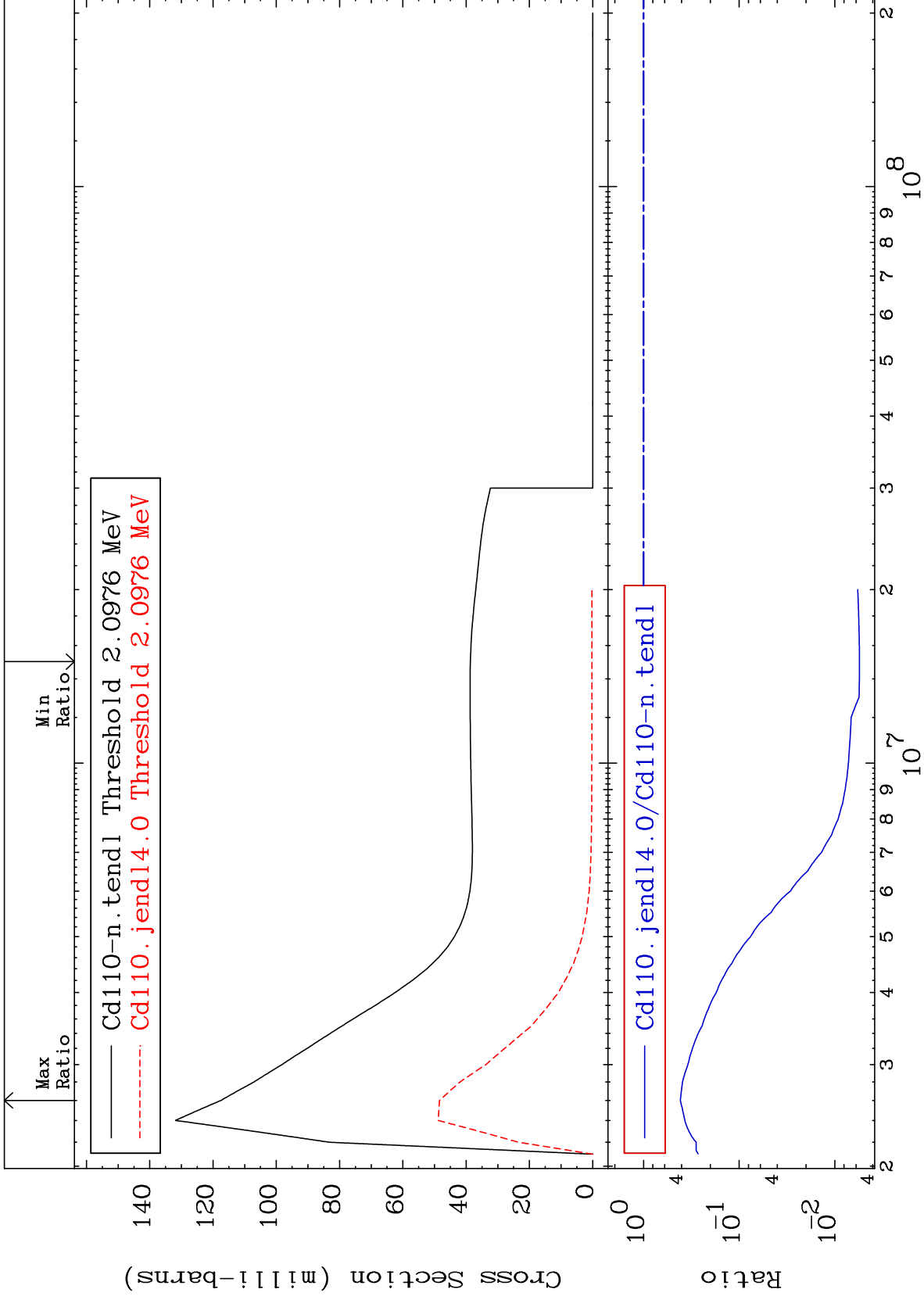
Incident Energy (eV)

48-Cd-110

MAT 4837

2.079 MeV (n,n') Level
Cross Section

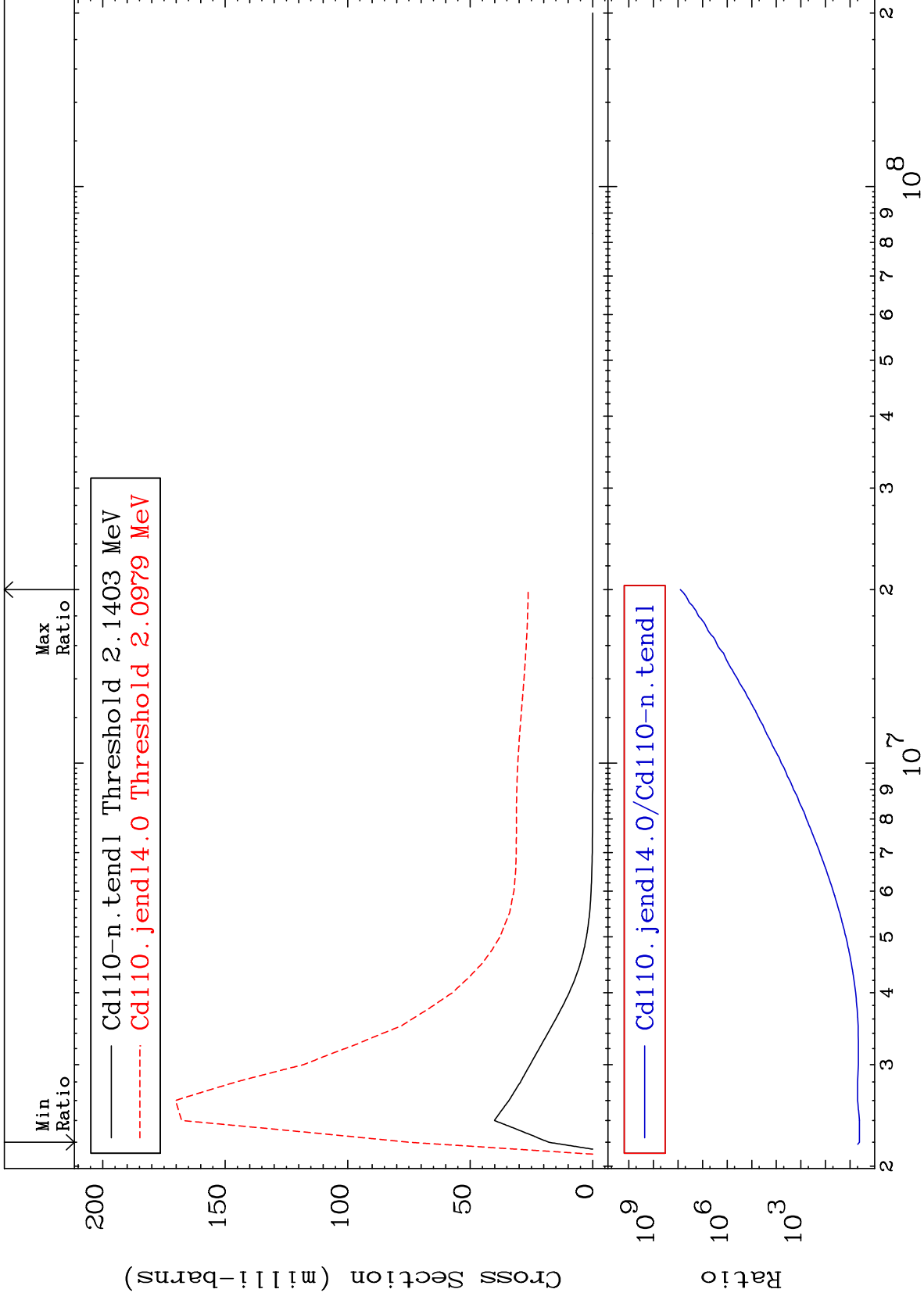
48-Cd-110
-99.45 To -58.80%



MAT 4837

2.121 MeV (n,n') Level
Cross Section

48-Cd-110
317.7 To 9999. %



17

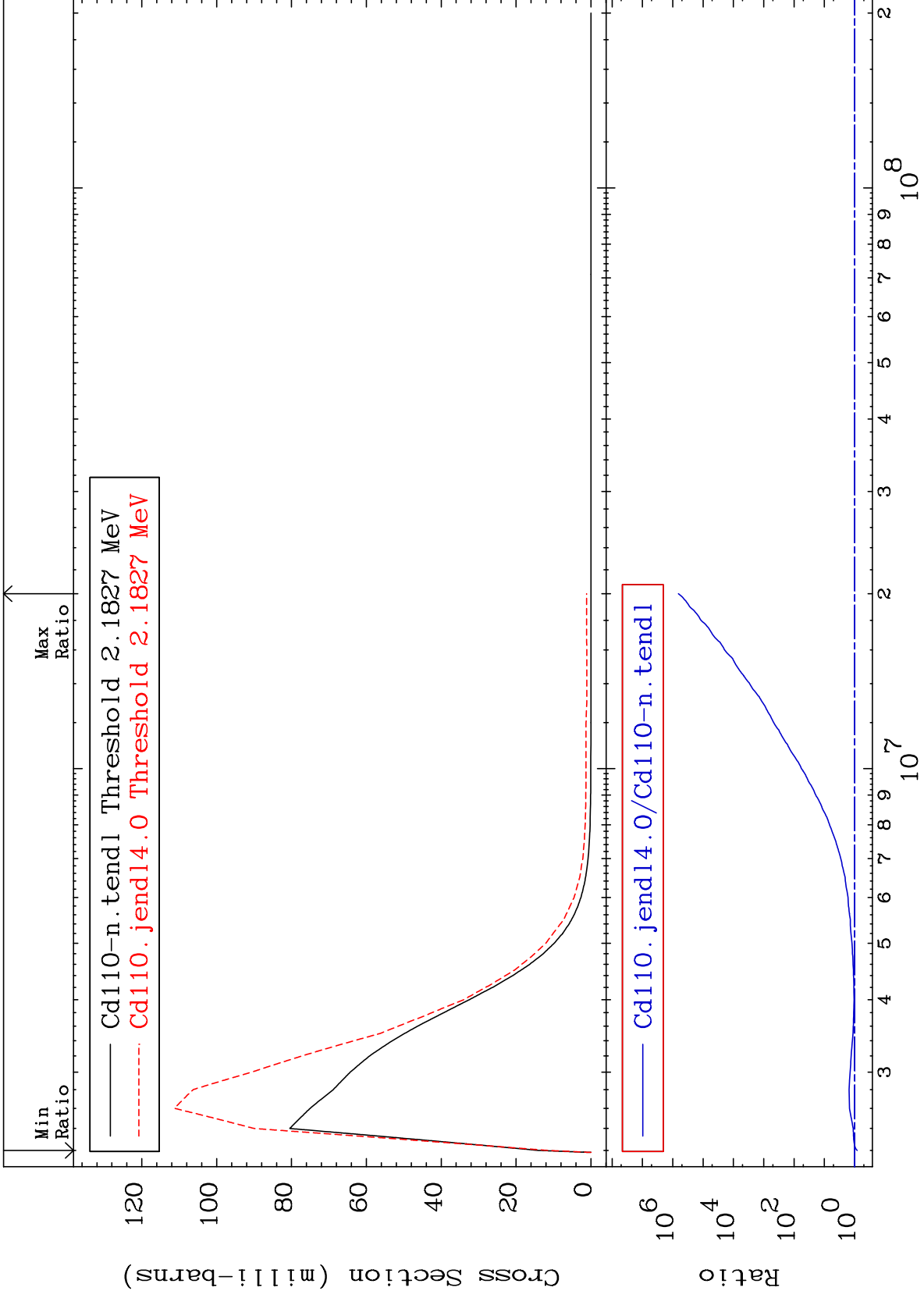
Incident Energy (eV)

48-Cd-110

MAT 4837

2.163 MeV (n,n') Level
Cross Section

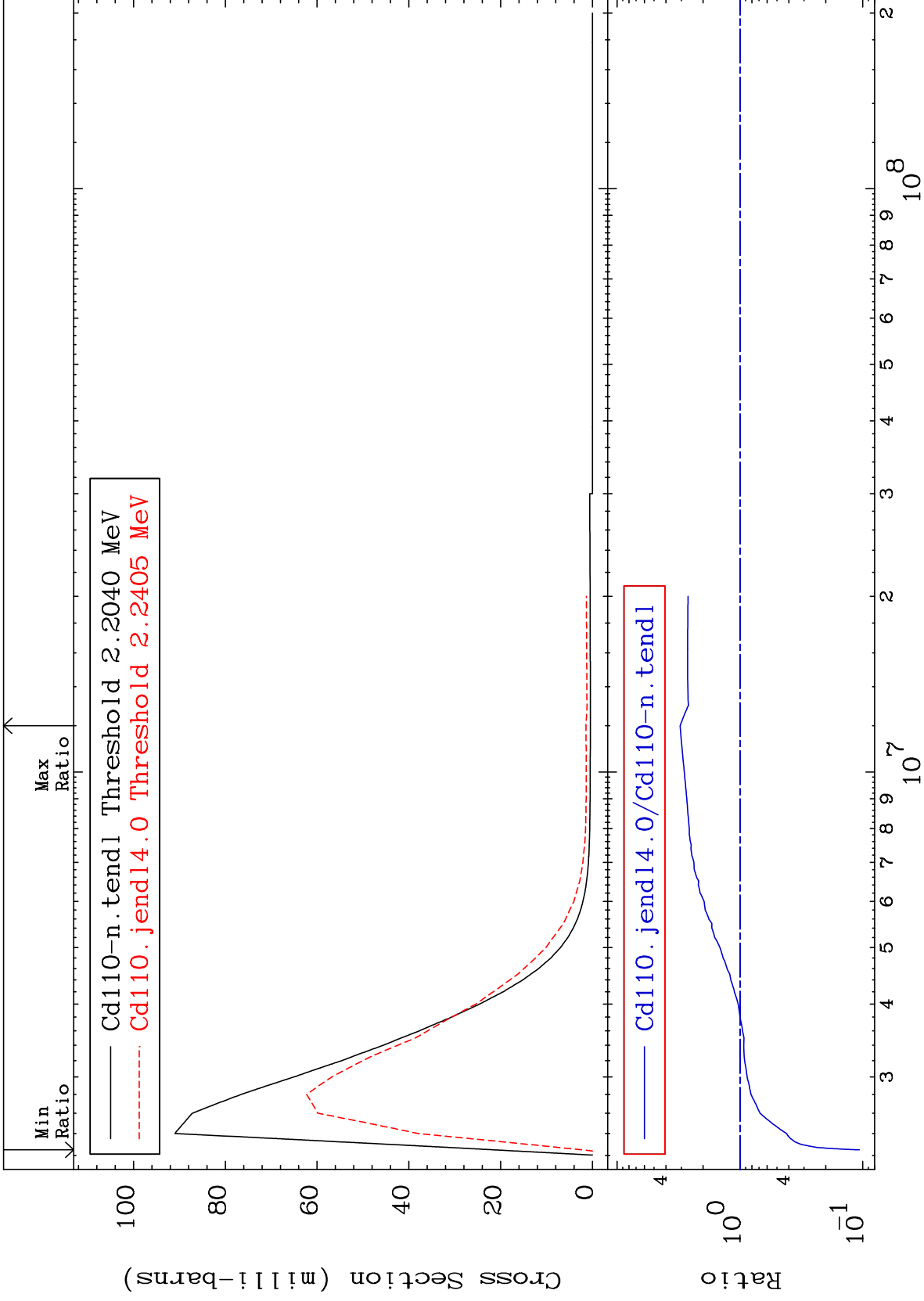
48-Cd-110
-17.17 To 9999. %



MAT 4837

2.184 MeV (n,n') Level
Cross Section

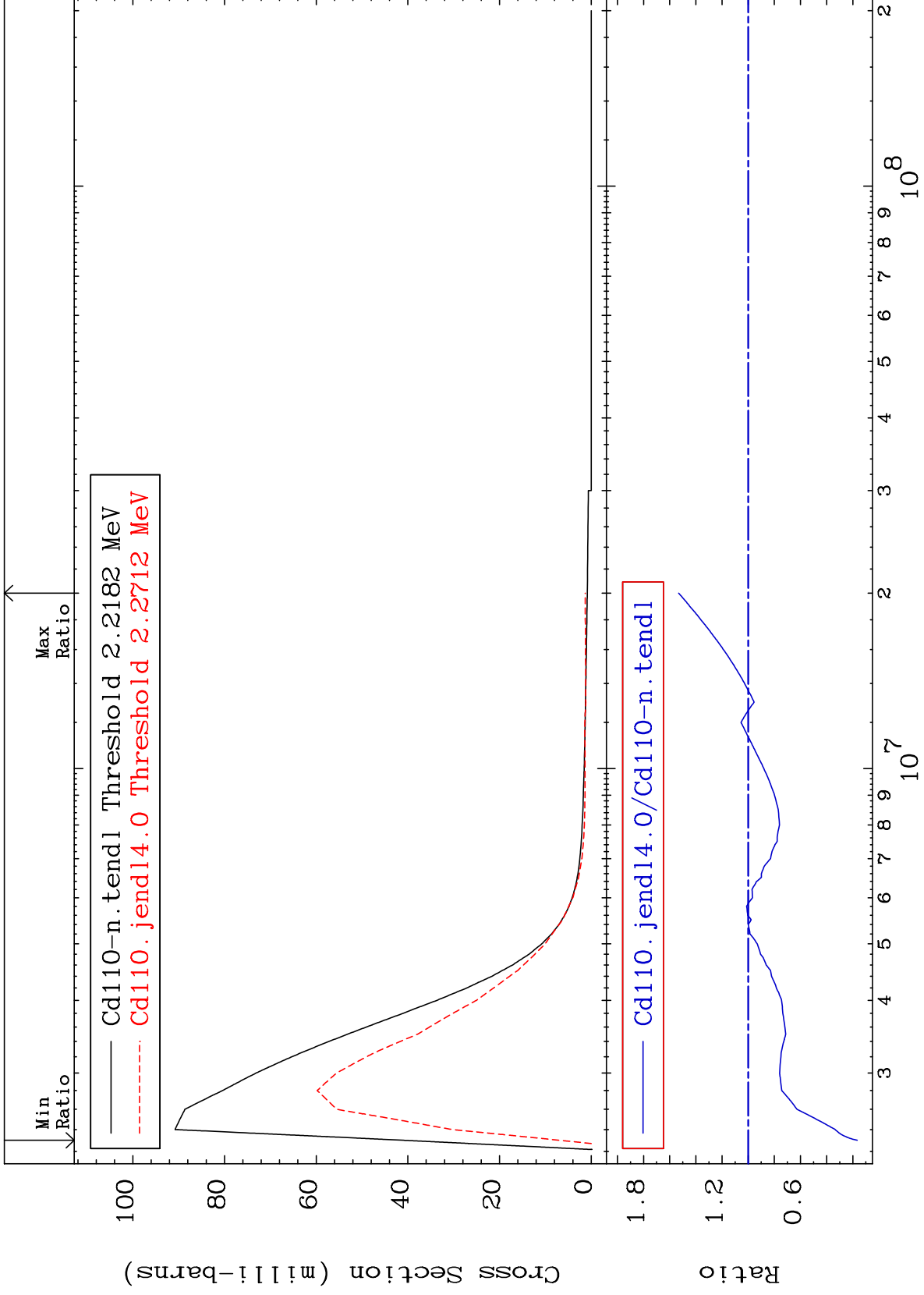
48-Cd-110
-89.35 To 206.8 %



MAT 4837

2.198 MeV (n,n') Level
Cross Section

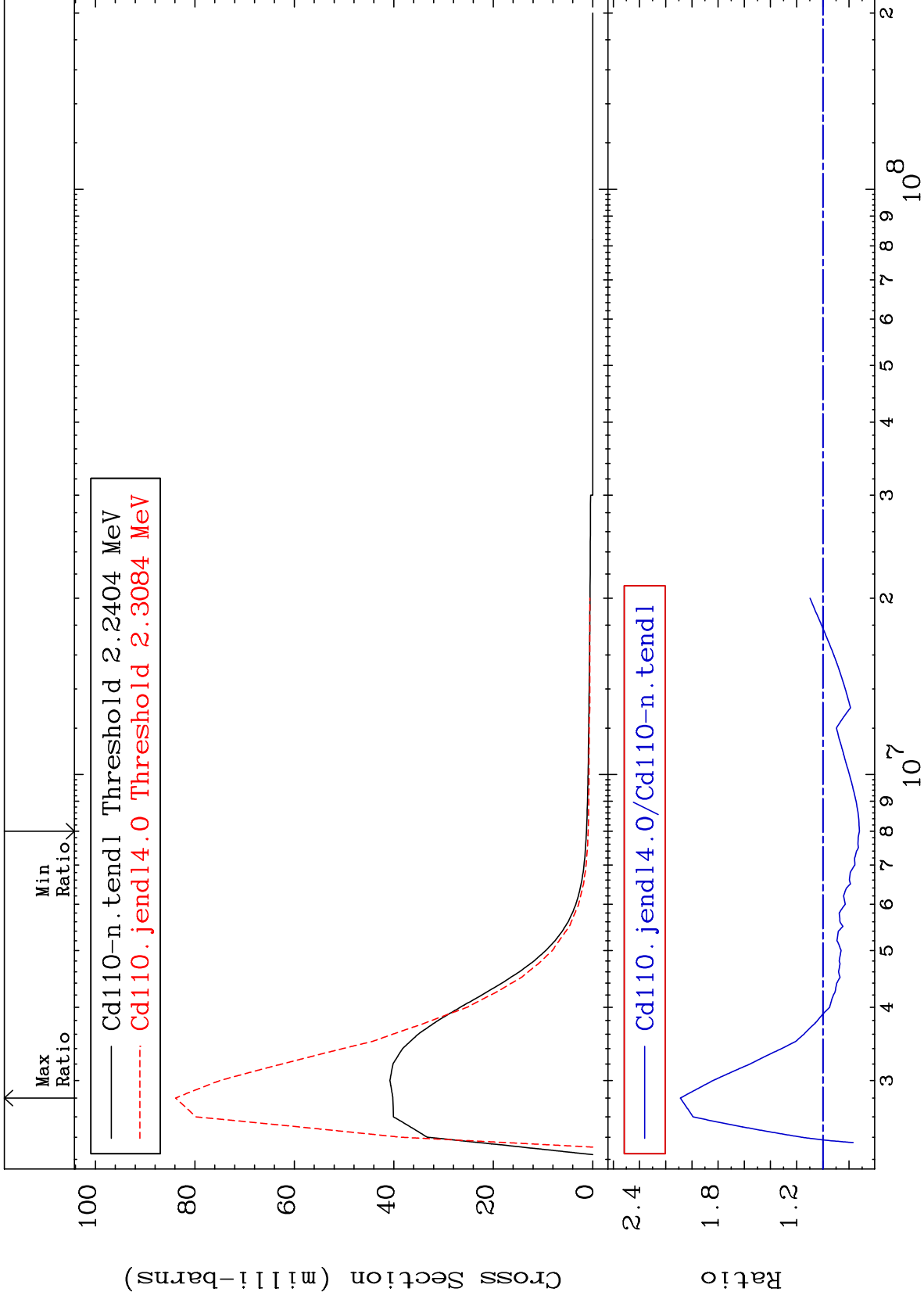
48-Cd-110
-83.41 To 53.17 %



MAT 4837

2.220 MeV (n,n') Level
Cross Section

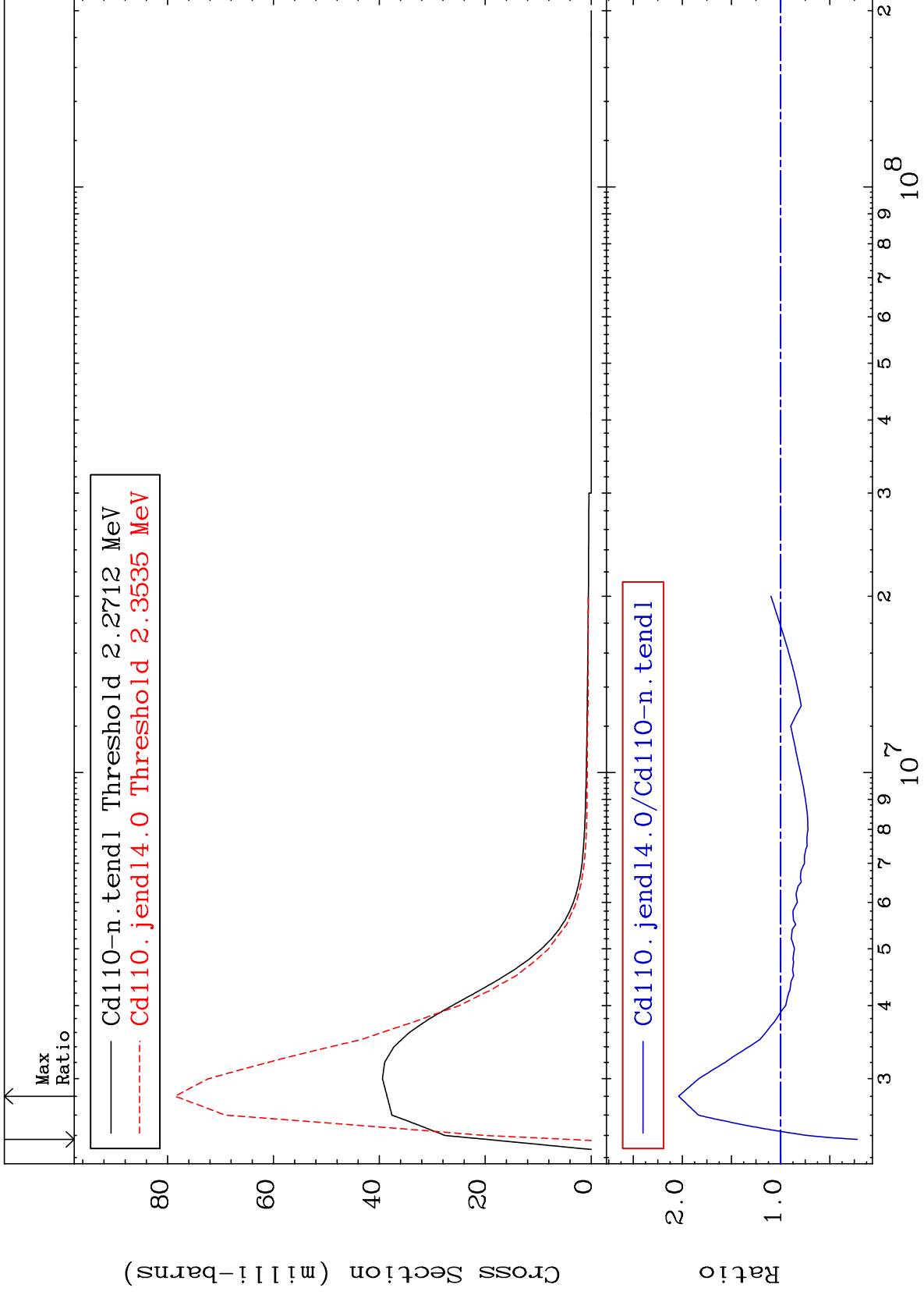
48-Cd-110
-27.89 To 108.8 %

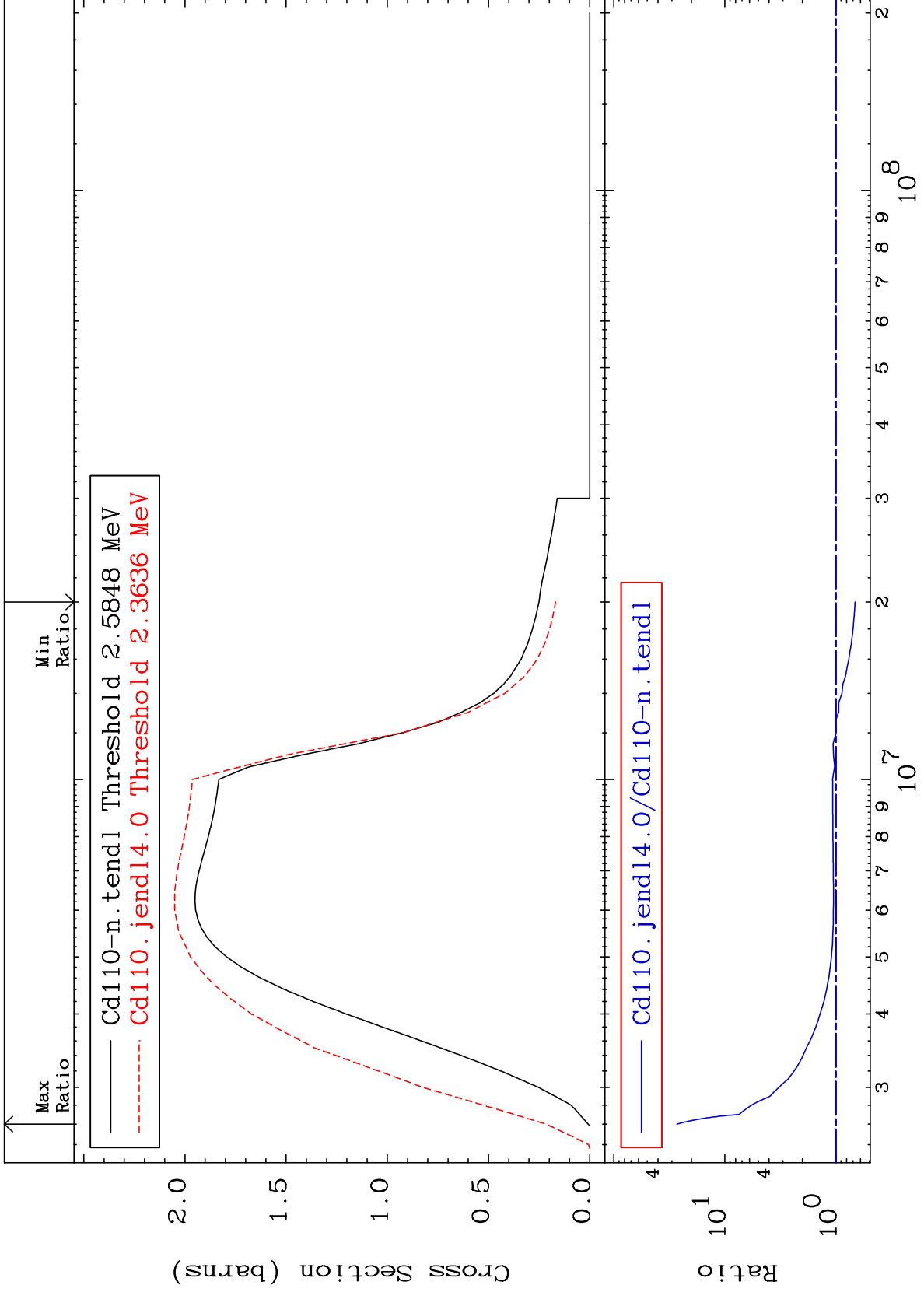


MAT 4837

2.251 MeV (n,n') Level
Cross Section

48-Cd-110
-78.03 To 103.8 %

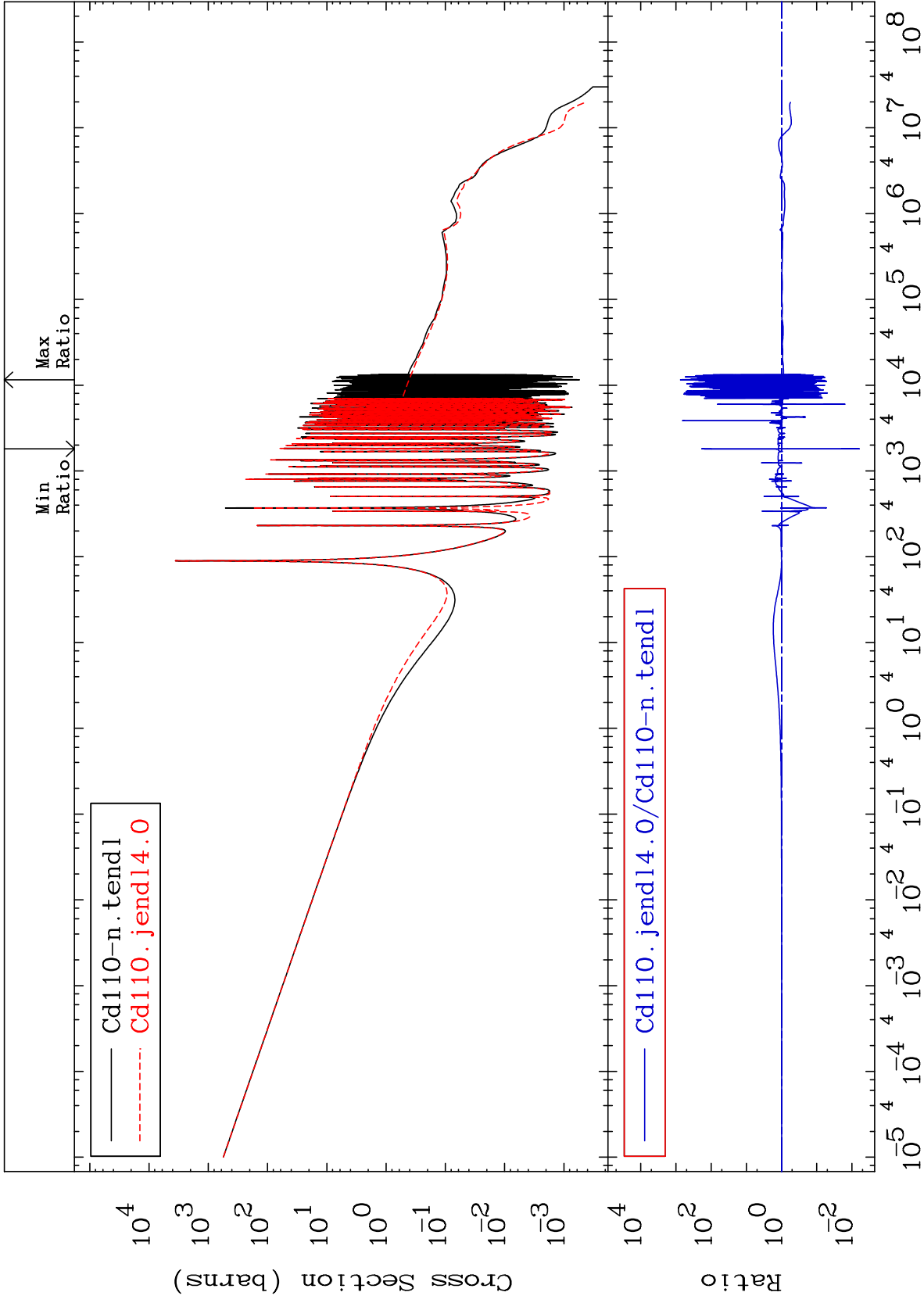




MAT 4837

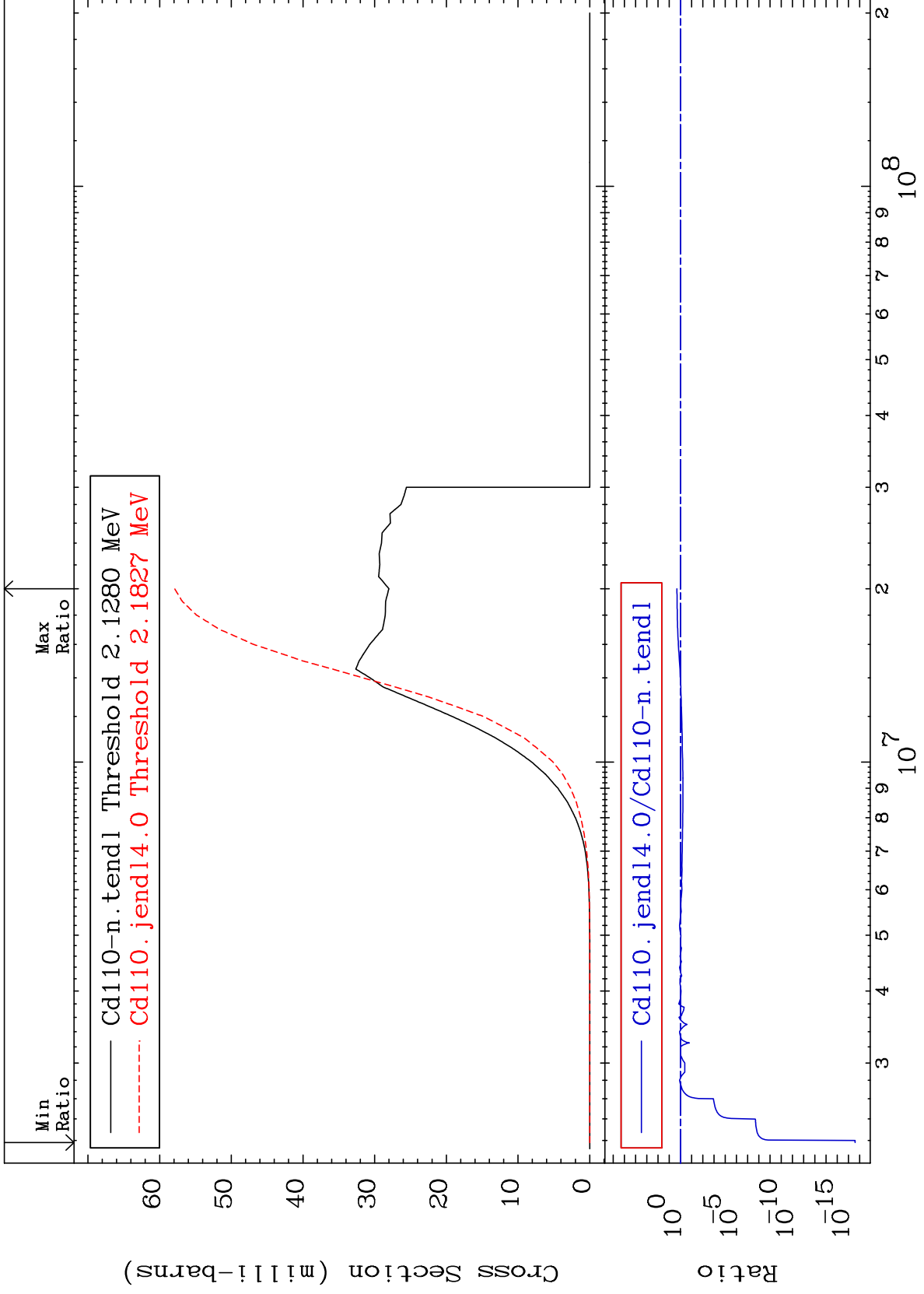
(n, γ)
Cross Section

48-Cd-110
-99.39 To 9999. %



MAT 4837

(n,p)
Cross Section
48-Cd-110
-100.0 To 106.7 %



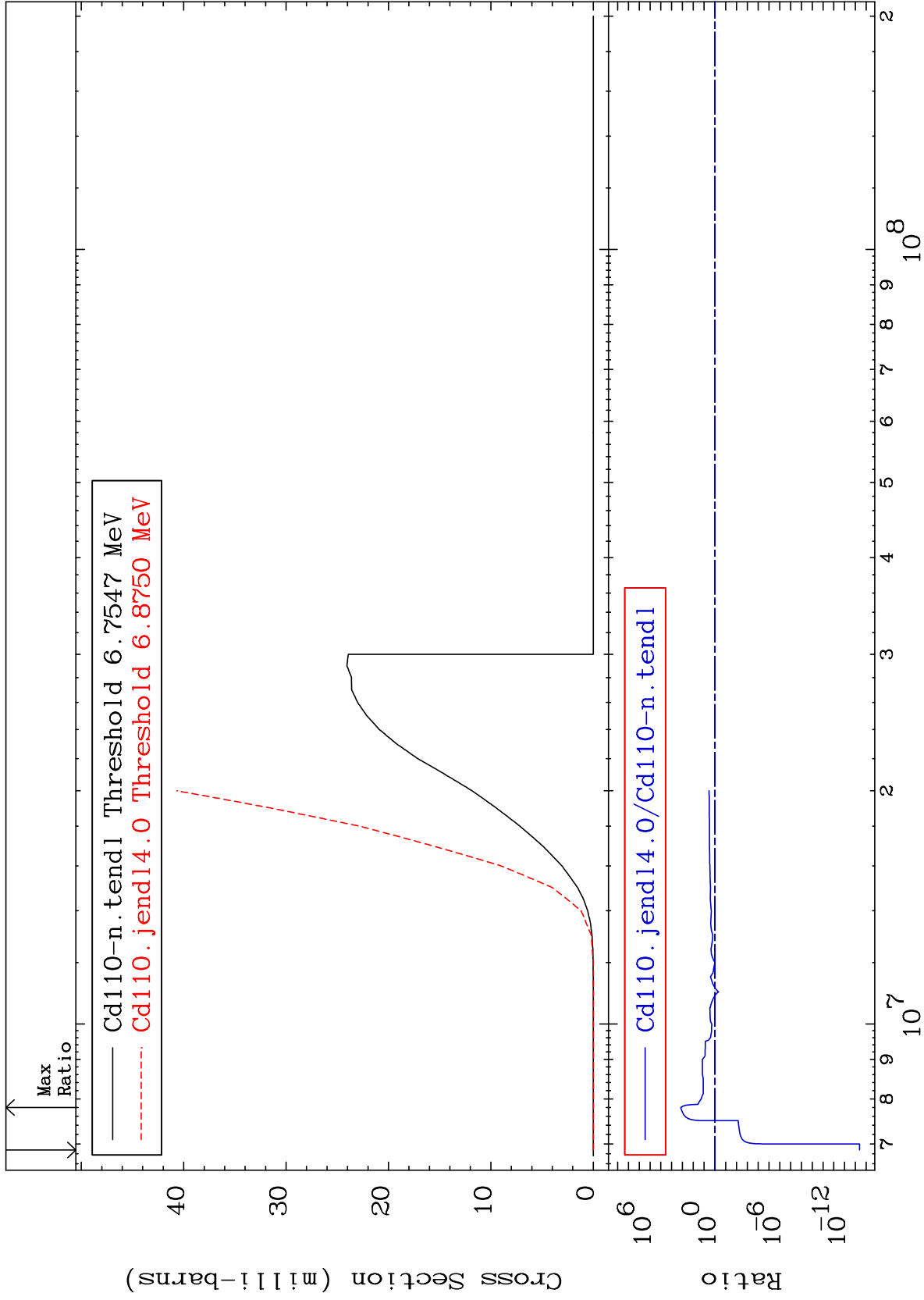
MAT 4837

(n, d)

48-Cd-110

Cross Section

-100.0 To 9999. %



26

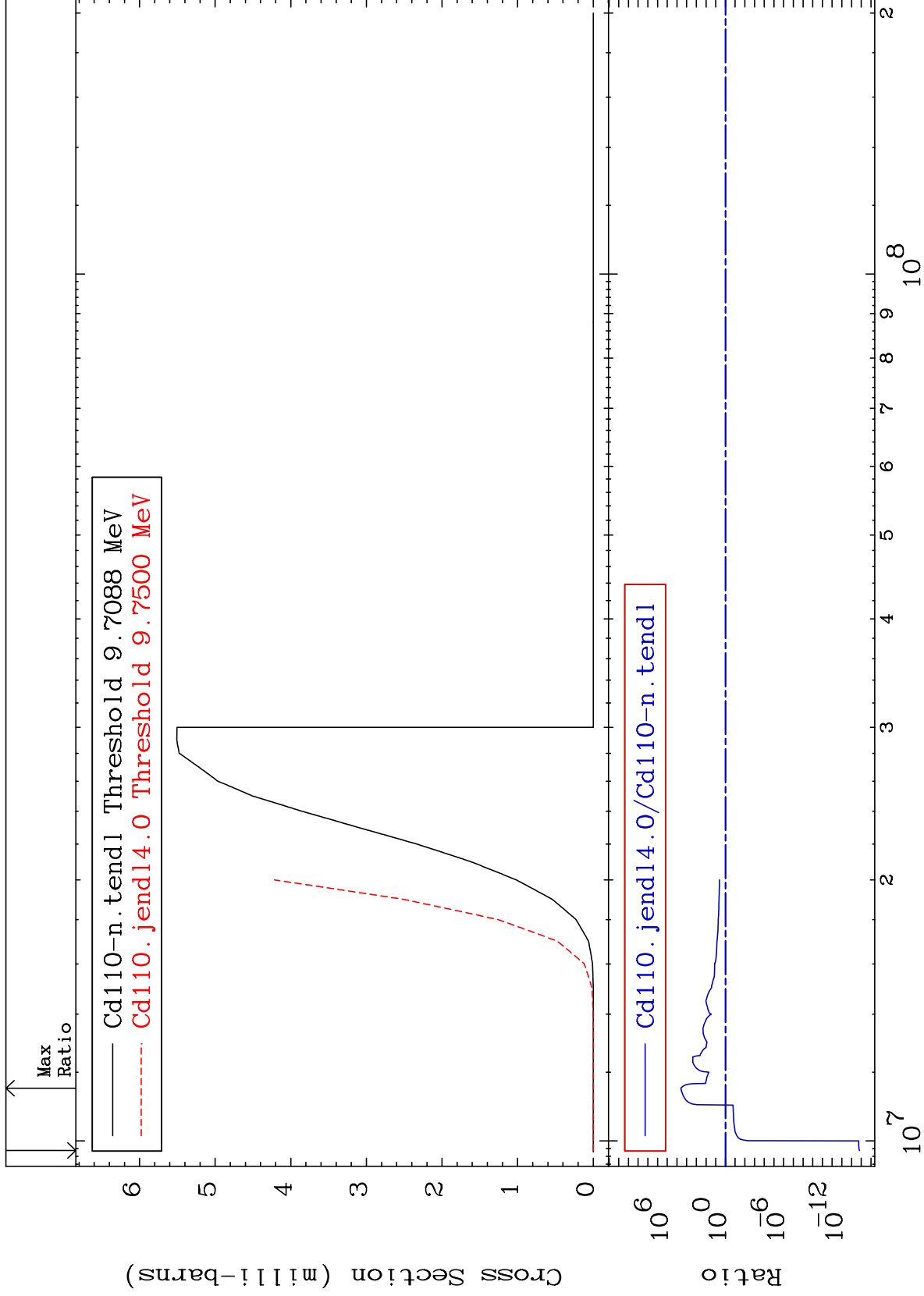
Incident Energy (eV)

48-Cd-110

MAT 4837

(n, t)
Cross Section

48-Cd-110
-100.0 To 9999. %



27

Incident Energy (eV)

48-Cd-110

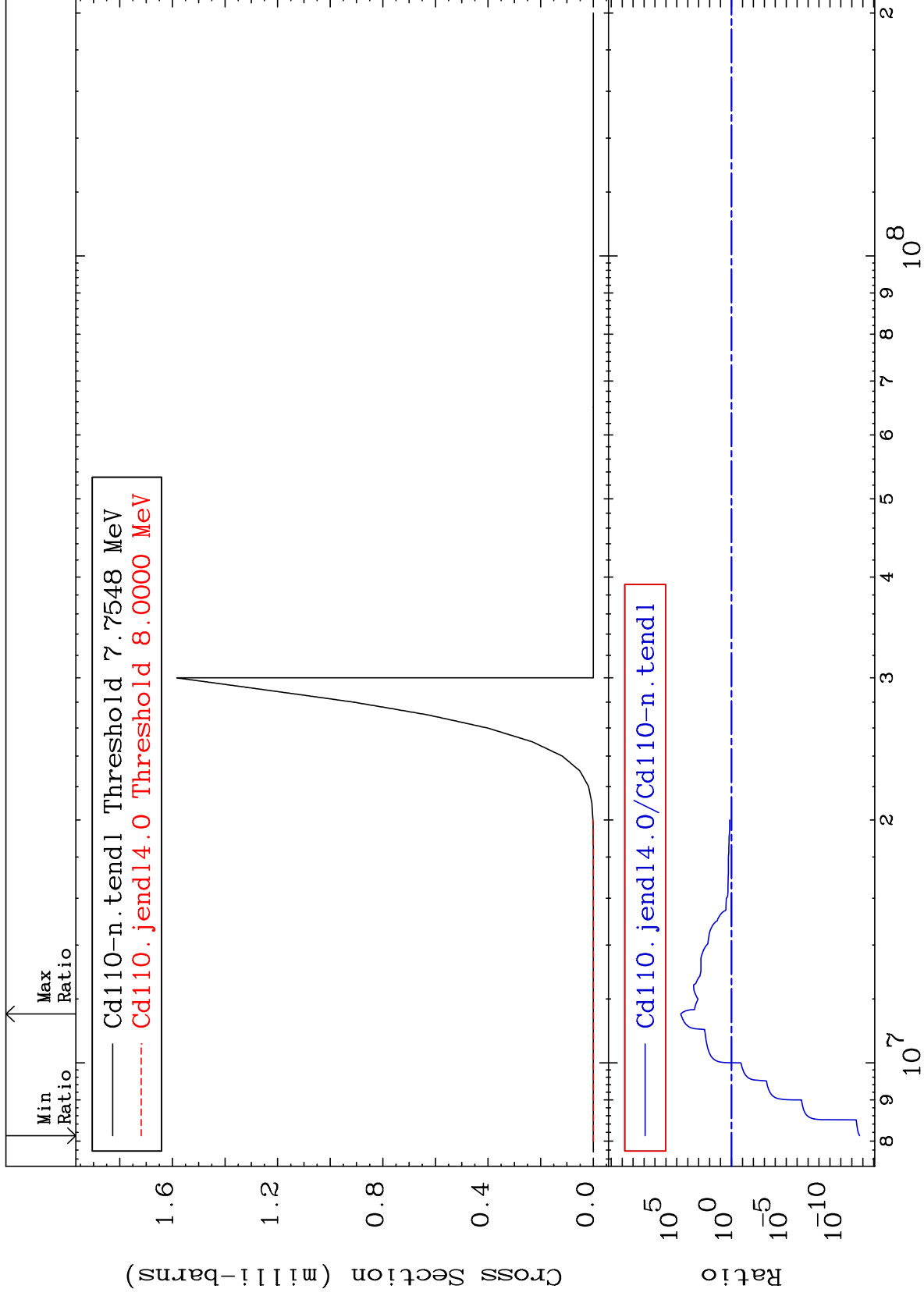
MAT 4837

(n, He-3)

48-Cd-110

Cross Section

-100.0 To 9999. %



28

Incident Energy (eV)

48-Cd-110

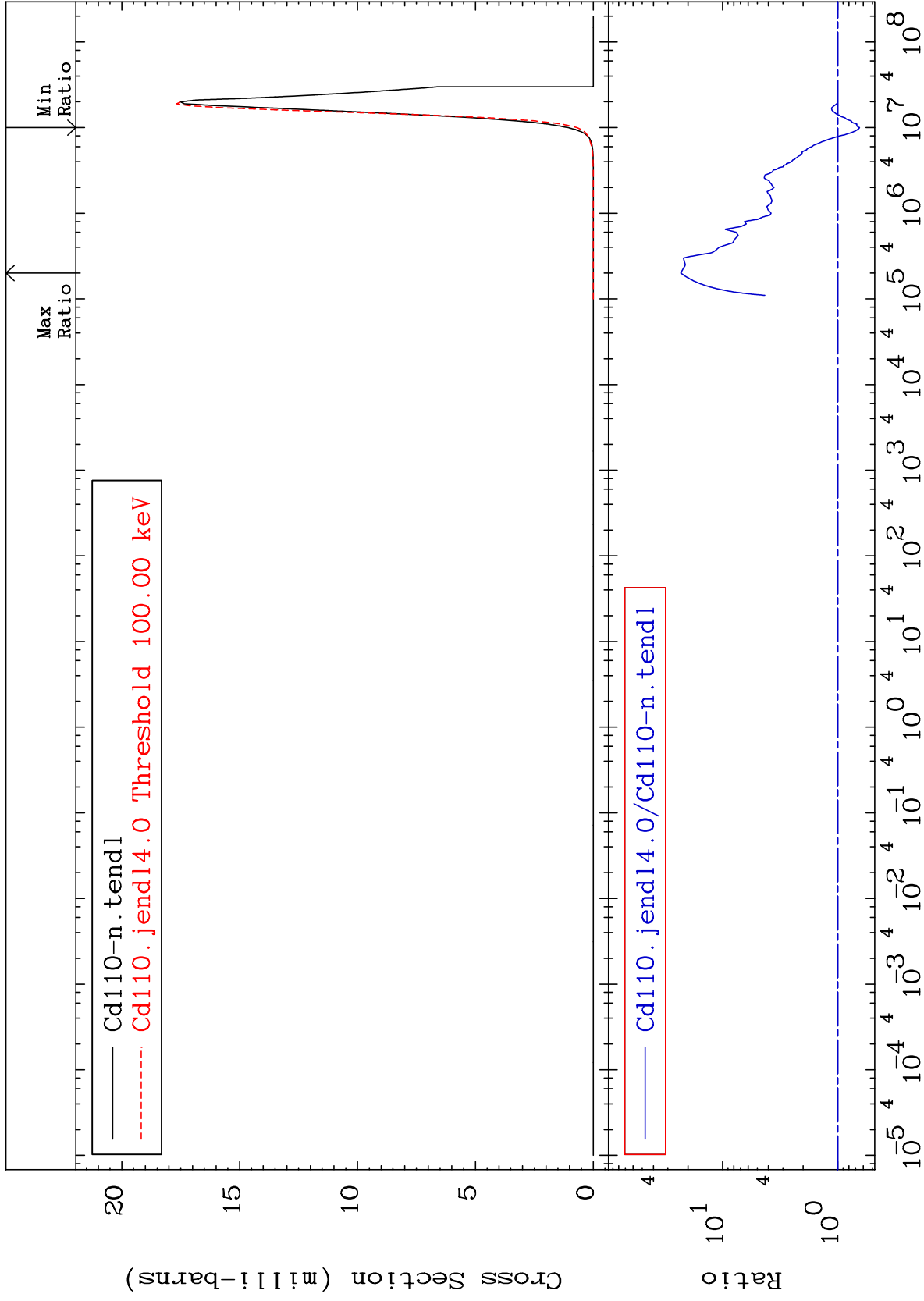
MAT 4837

(n, α)

48-Cd-110

Cross Section

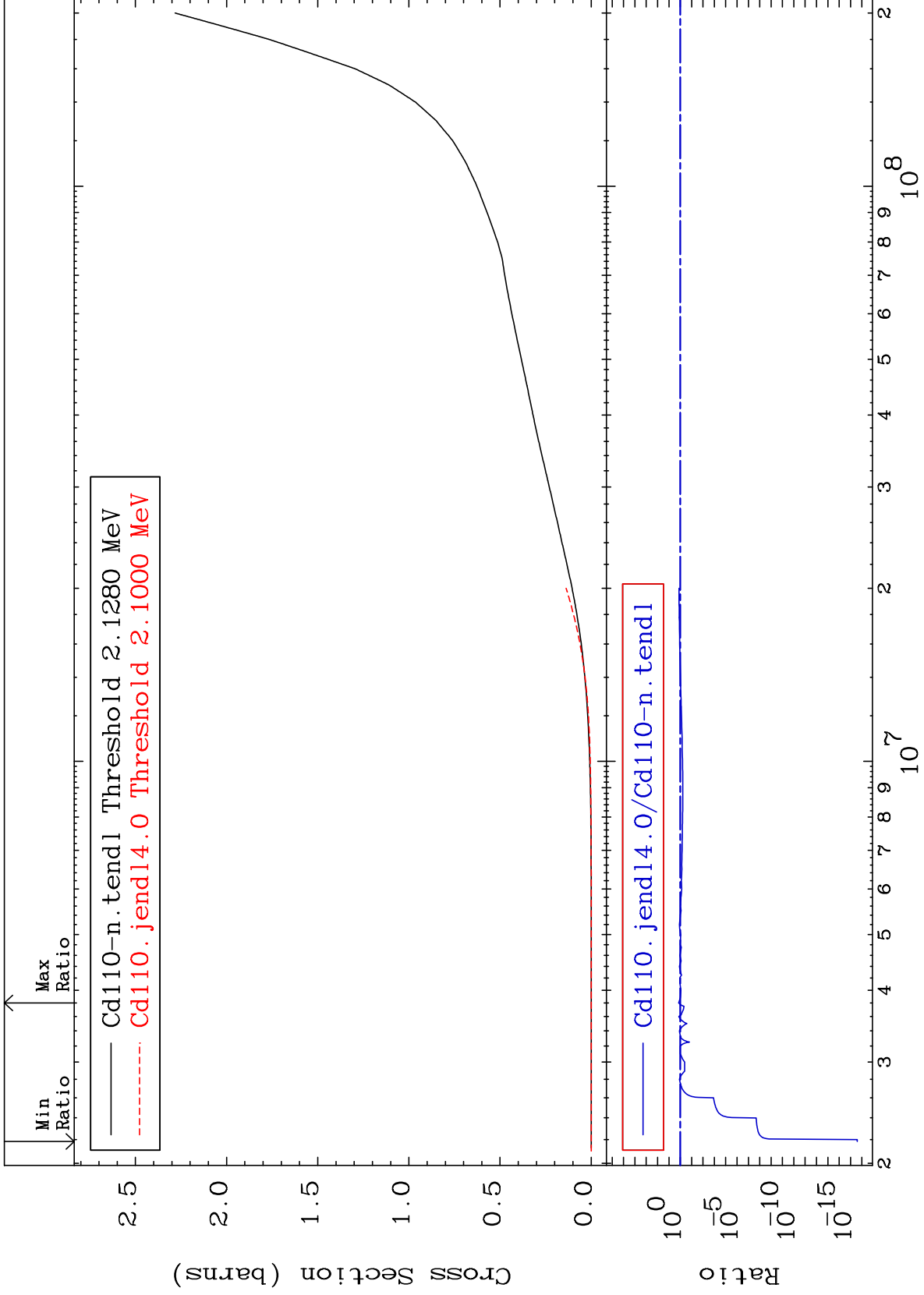
-35.32 To 2212. %



MAT 4837

Hydrogen Production
Cross Section

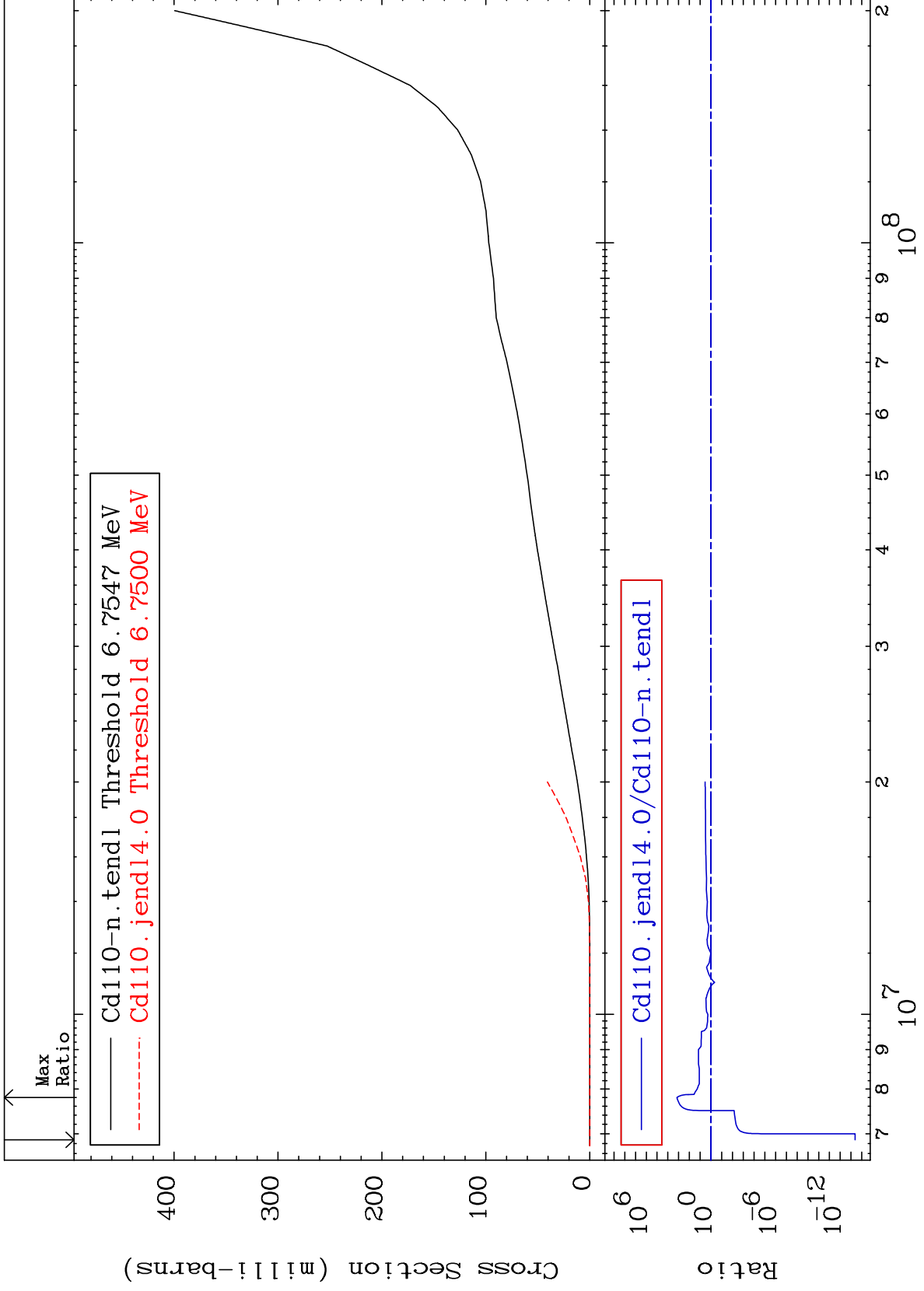
48-Cd-110
-100.0 To 39.36 %



MAT 4837

Deuterium Production
Cross Section

48-Cd-110
-100.0 To 9999. %



31

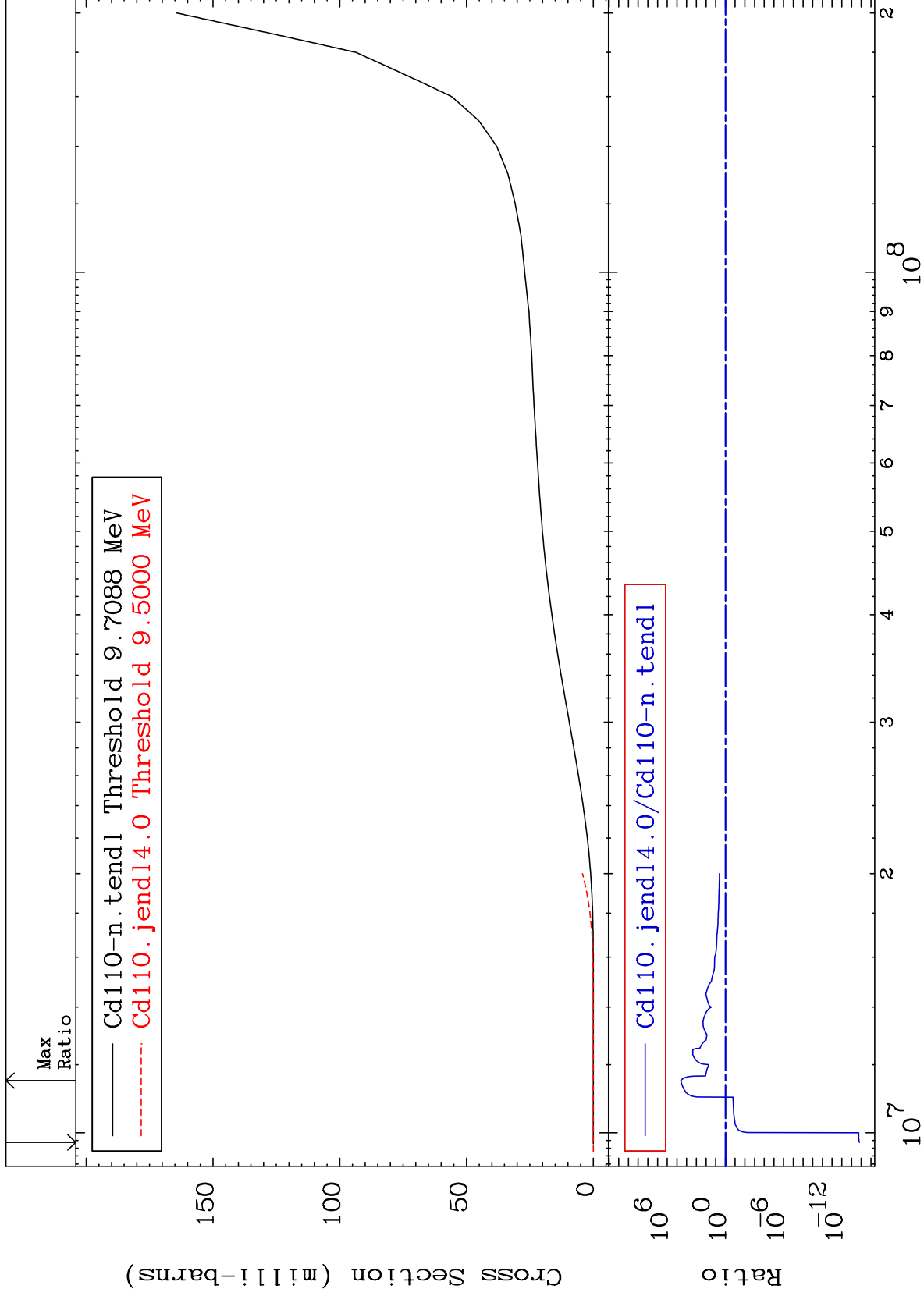
Incident Energy (eV)

48-Cd-110

MAT 4837

Tritium Production
Cross Section

48-Cd-110
-100.0 To 9999. %



32

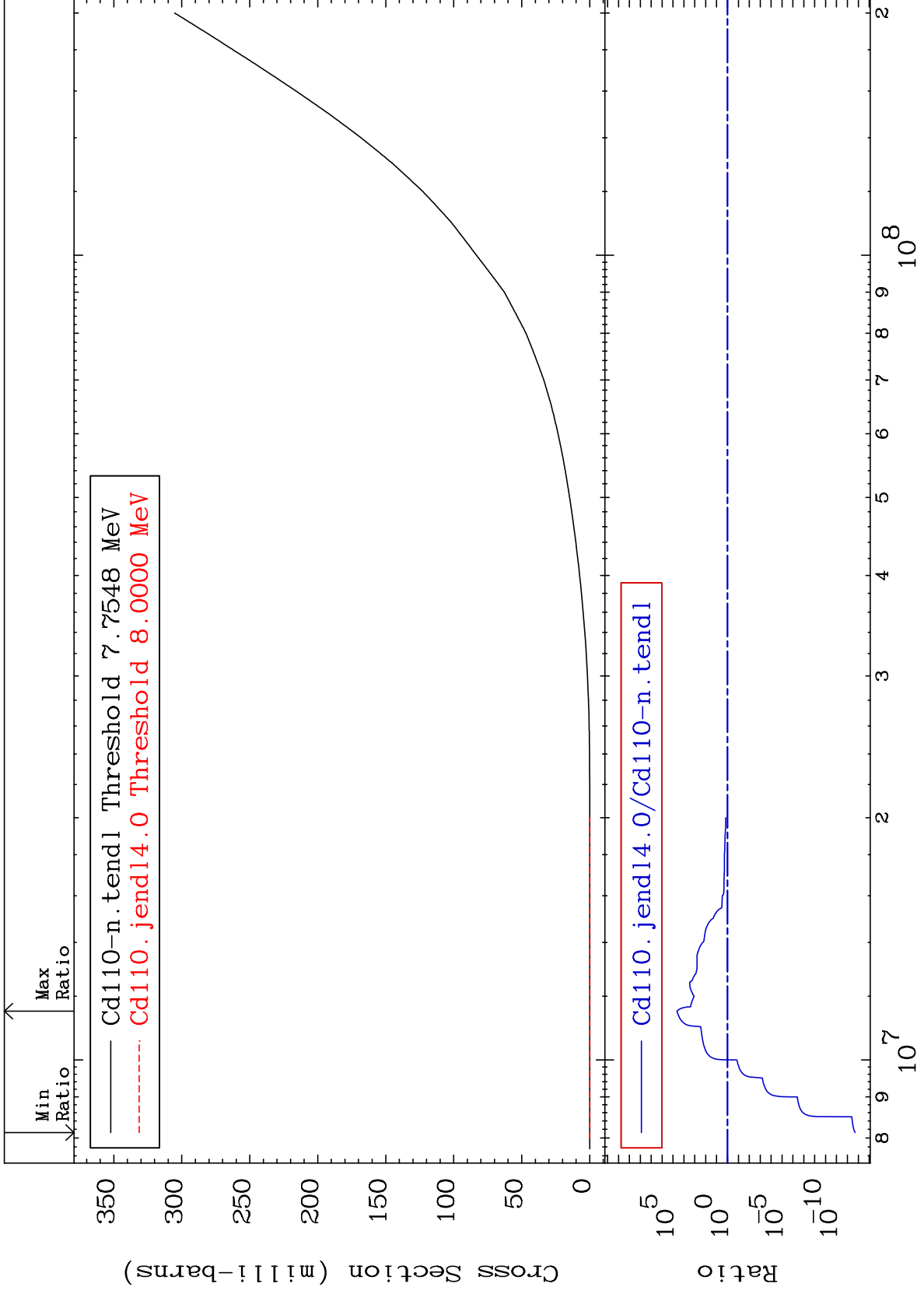
Incident Energy (eV)

48-Cd-110

MAT 4837

He-3 Production
Cross Section

48-Cd-110
-100.0 To 9999. %



33

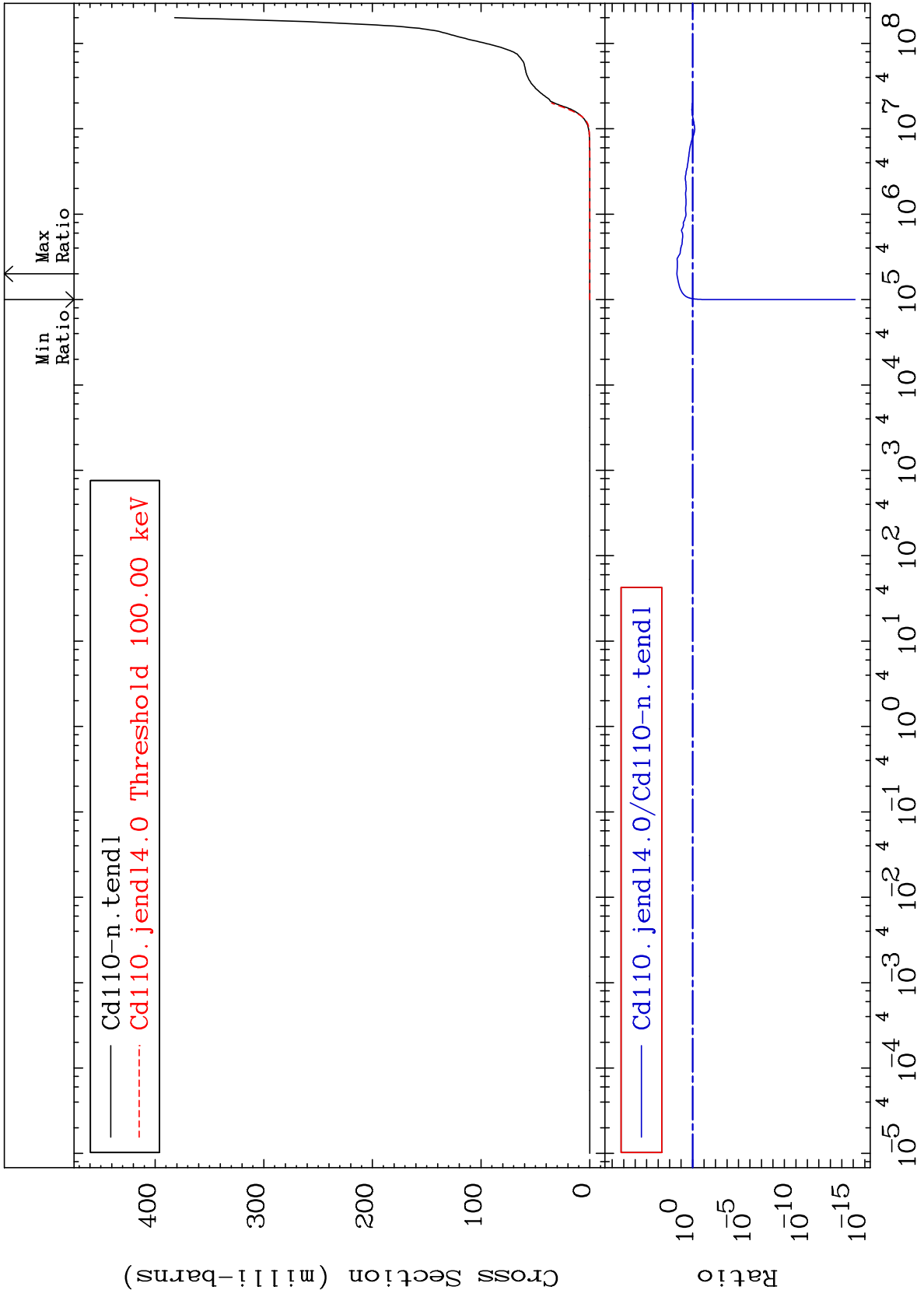
Incident Energy (eV)

48-Cd-110

MAT 4837

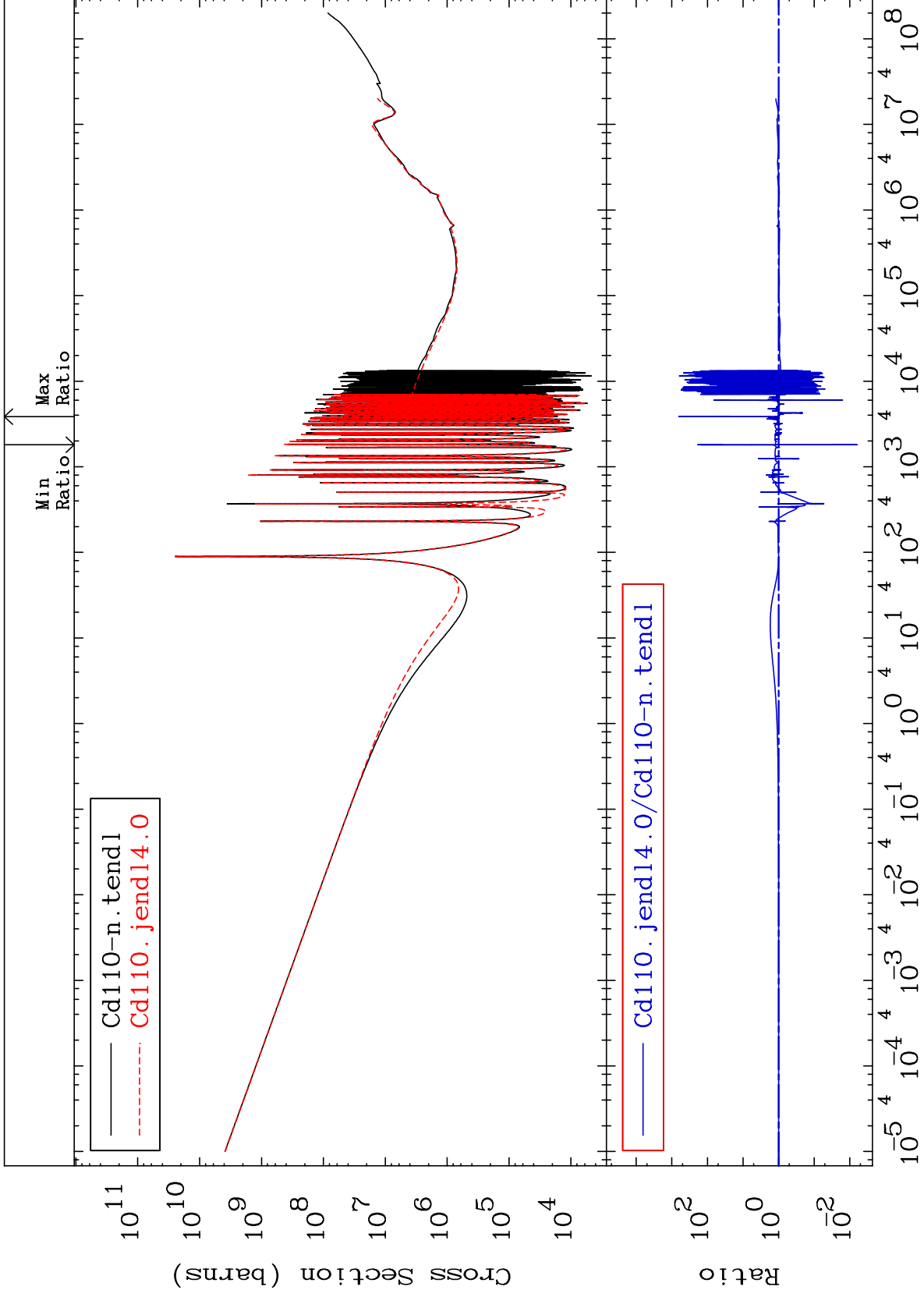
He-4 Production
Cross Section

48-Cd-110
-100.0 To 2212. %



34

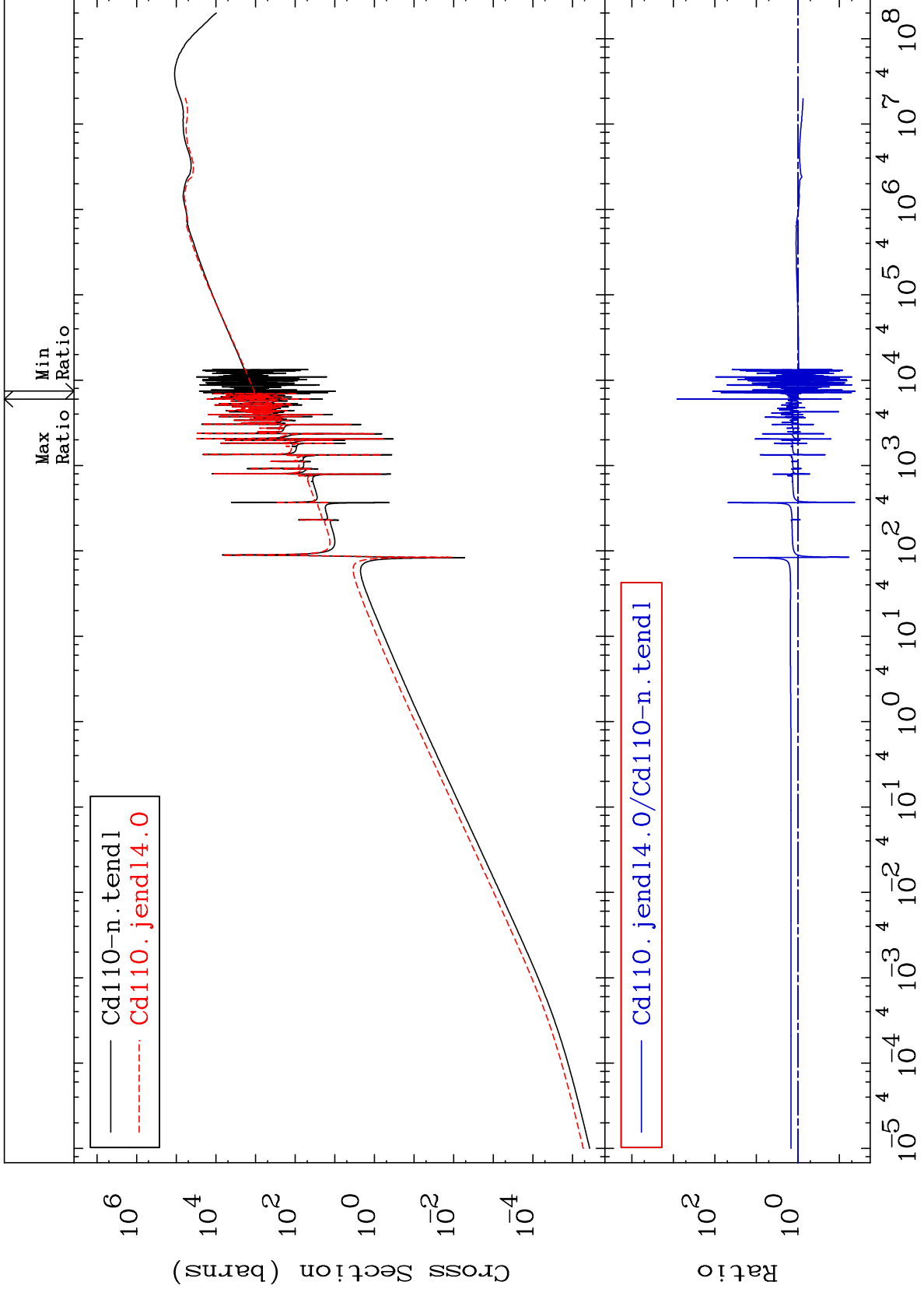
48-Cd-110



MAT 4837

Kerma elastic
Cross Section

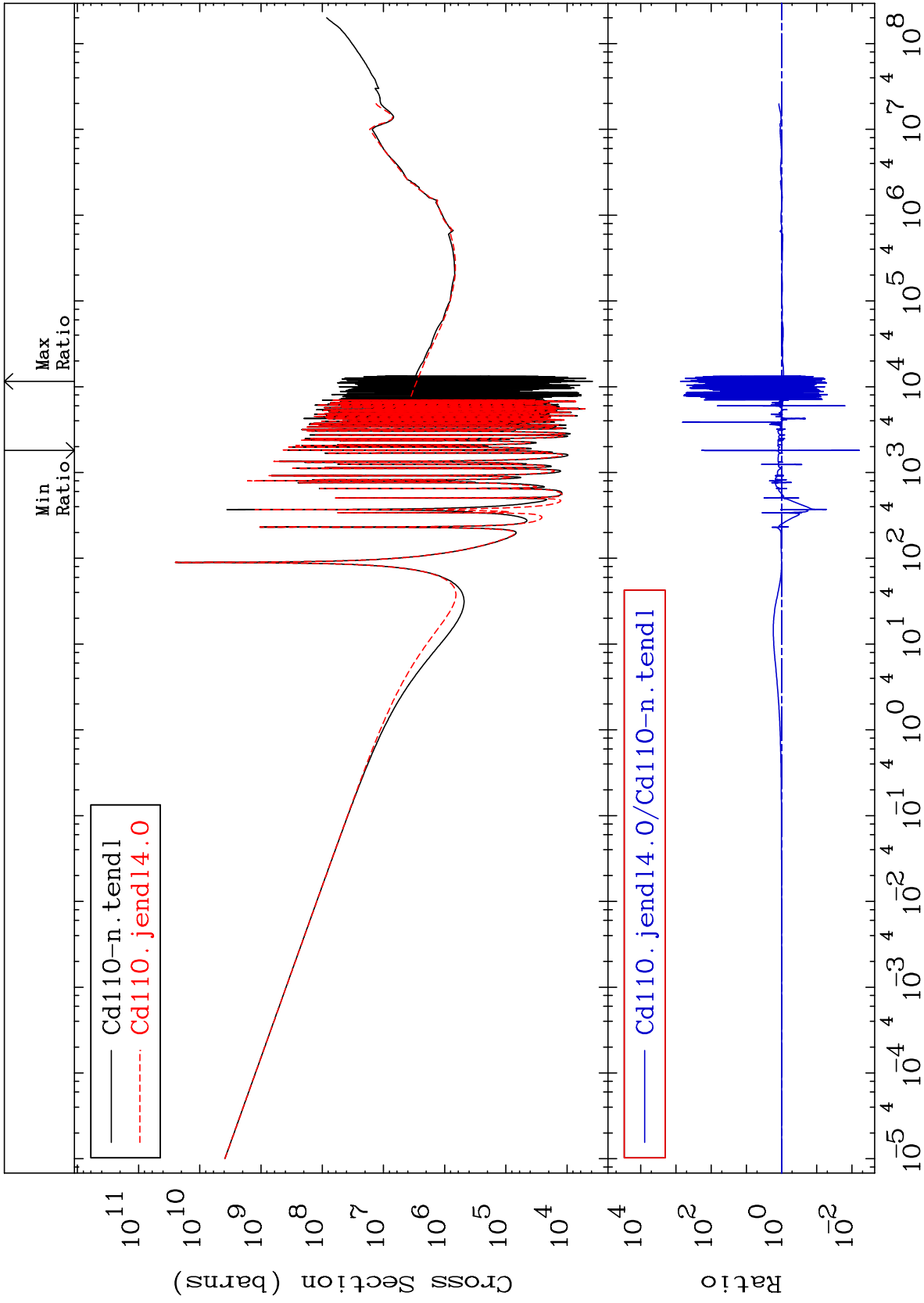
48-Cd-110
-95.85 To 9999. %



36

Incident Energy (eV)

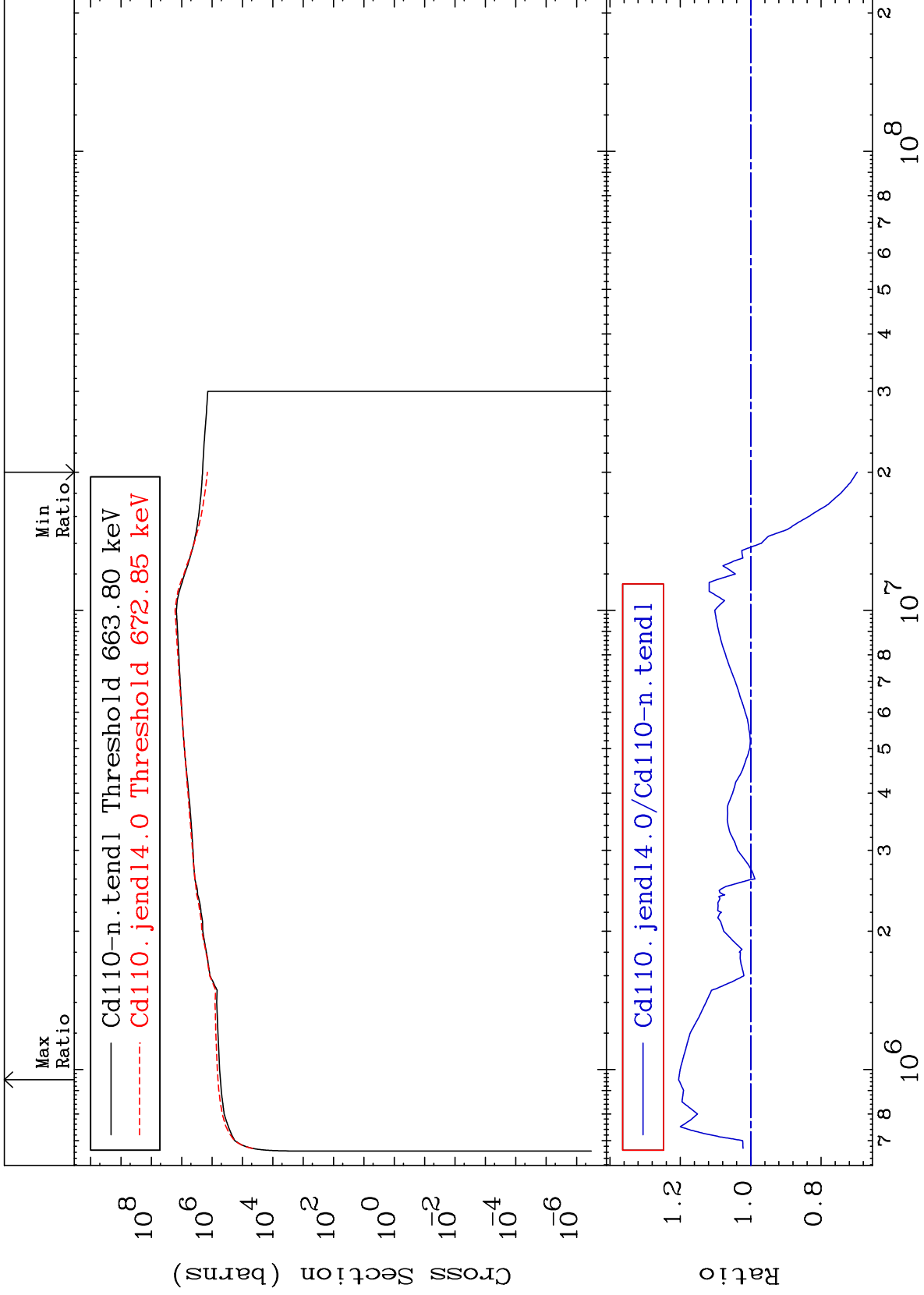
48-Cd-110



MAT 4837

Kerma inelastic (mt51-91)
Cross Section

48-Cd-110
-30.27 To 20.49 %



38

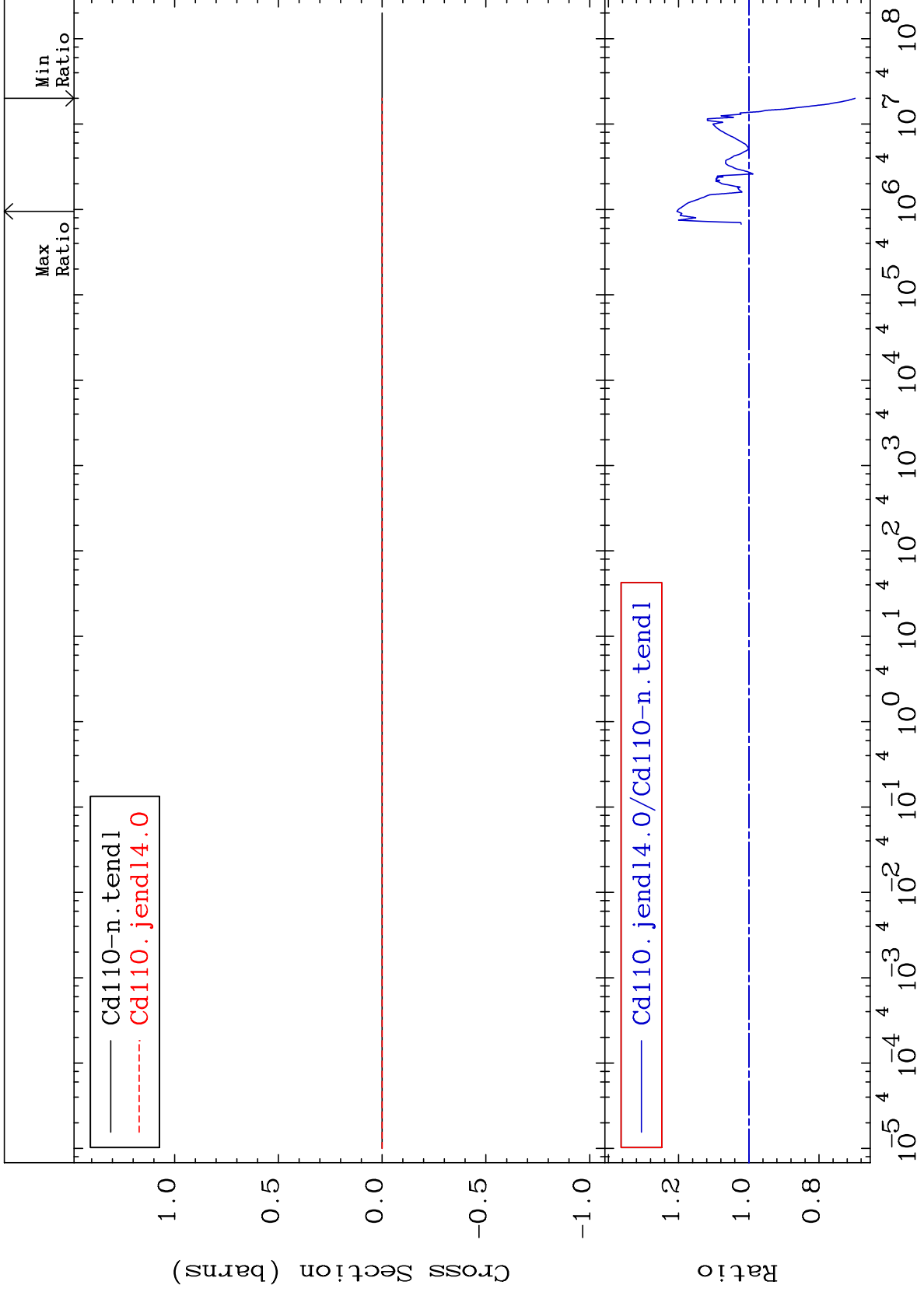
Incident Energy (eV)

48-Cd-110

MAT 4837

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

48-Cd-110
-30.27 To 20.49 %



39

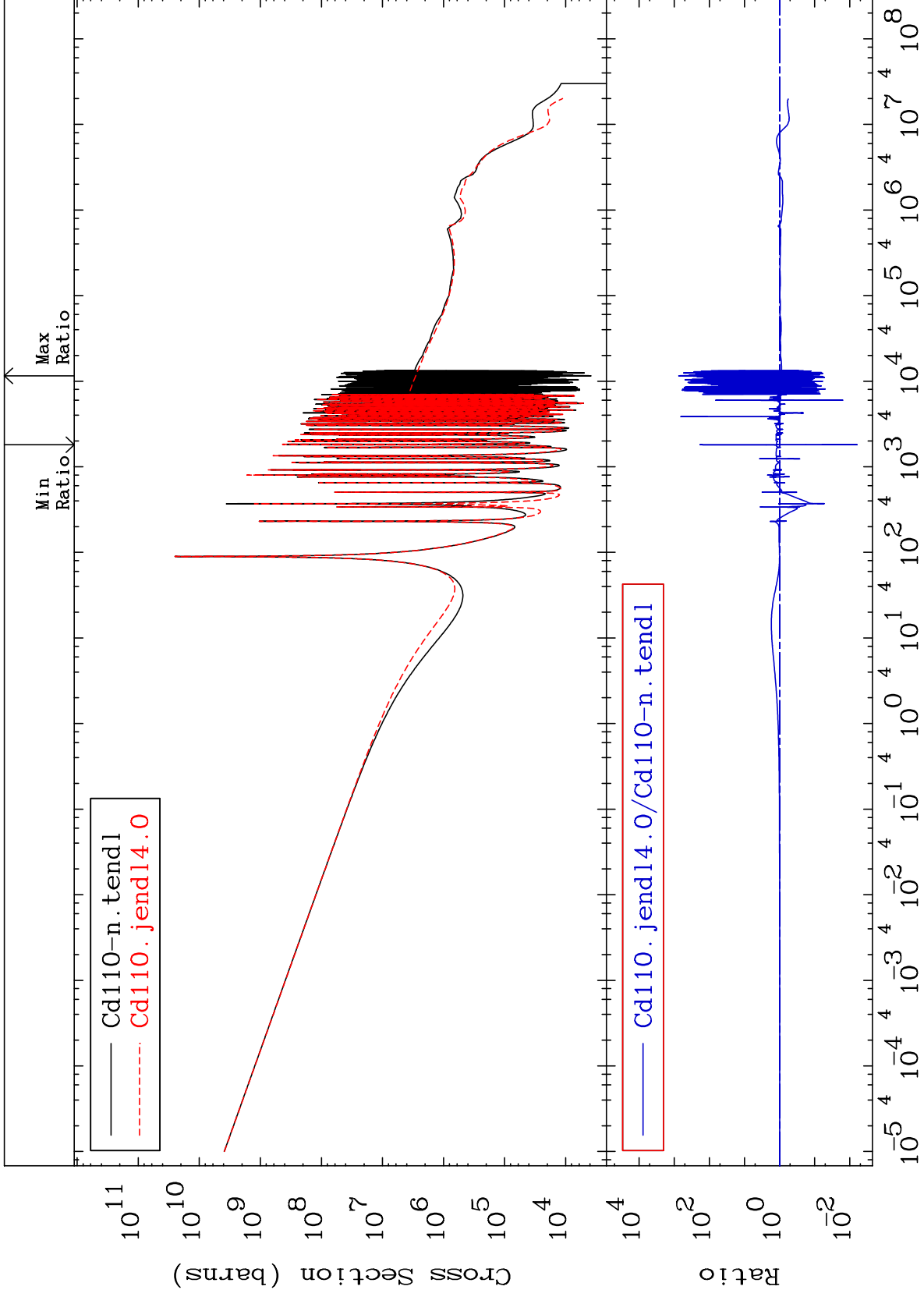
Incident Energy (eV)

48-Cd-110

MAT 4837

Kerma capture (mt102)
Cross Section

48-Cd-110
-99.39 To 9999. %



40

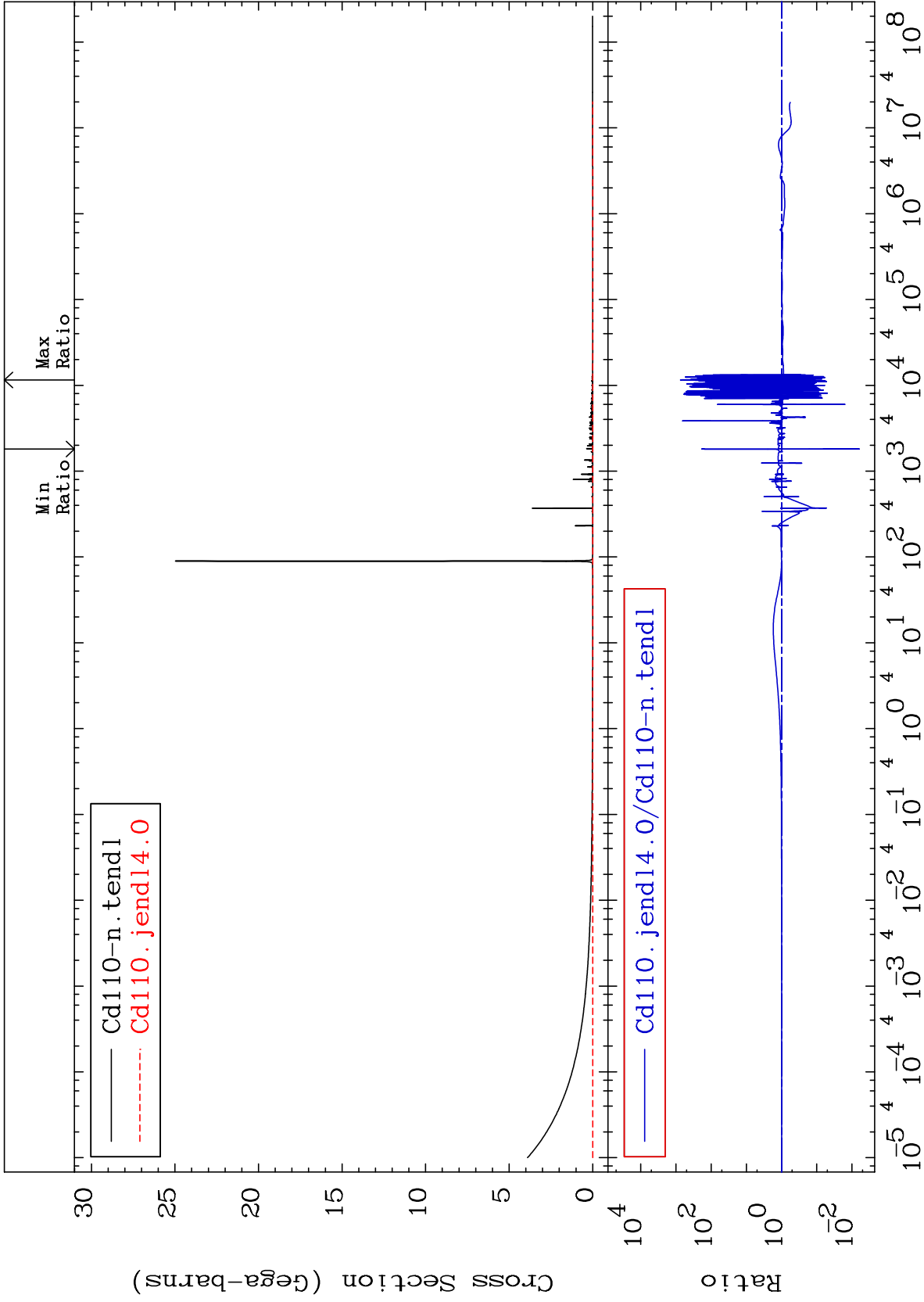
Incident Energy (eV)

48-Cd-110

MAT 4837

Total photon (eV-barns)
Cross Section

48-Cd-110
-99.39 To 9999. %



41

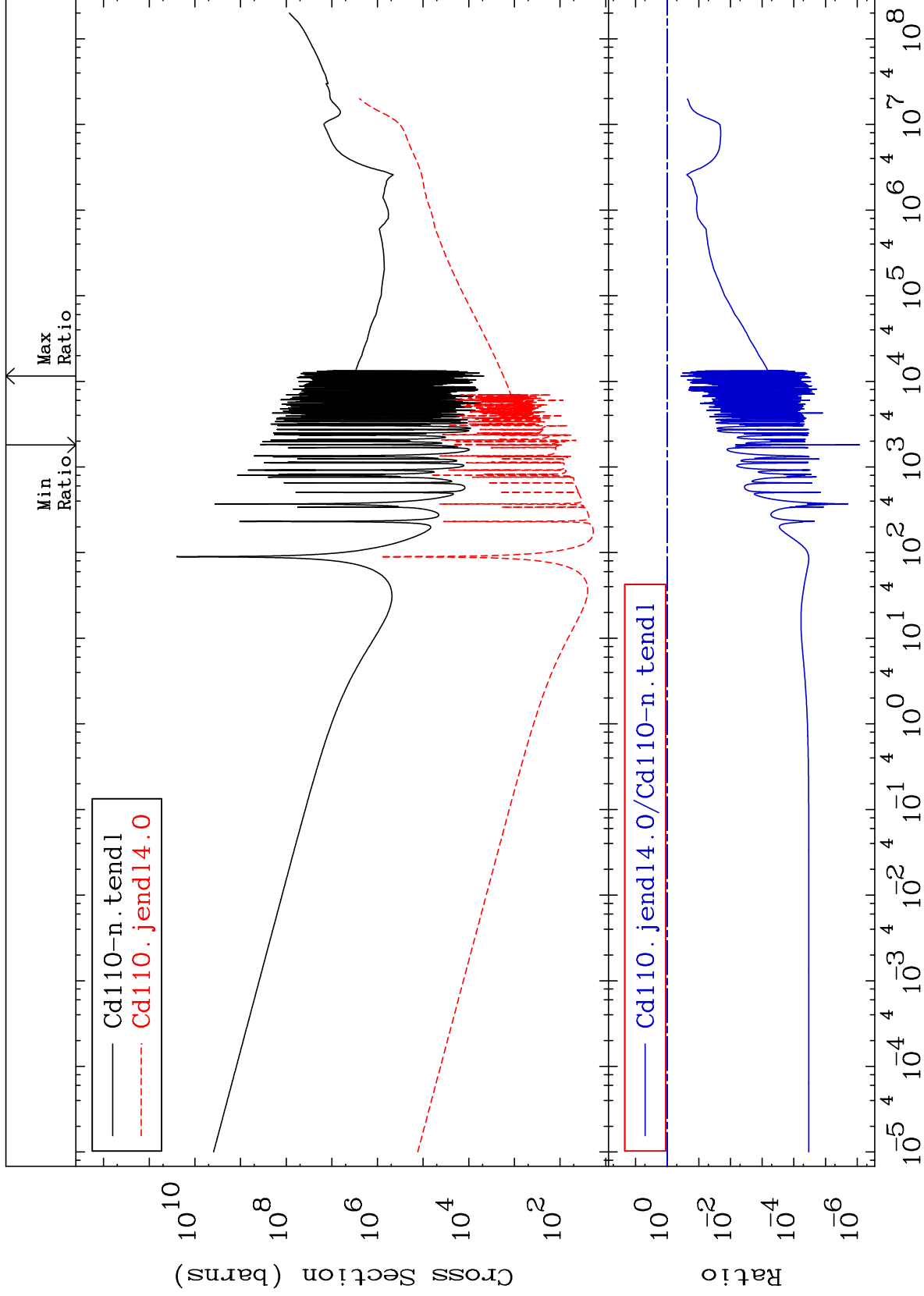
Incident Energy (eV)

48-Cd-110

MAT 4837

Total kinematic kerma (high limit)
Cross Section

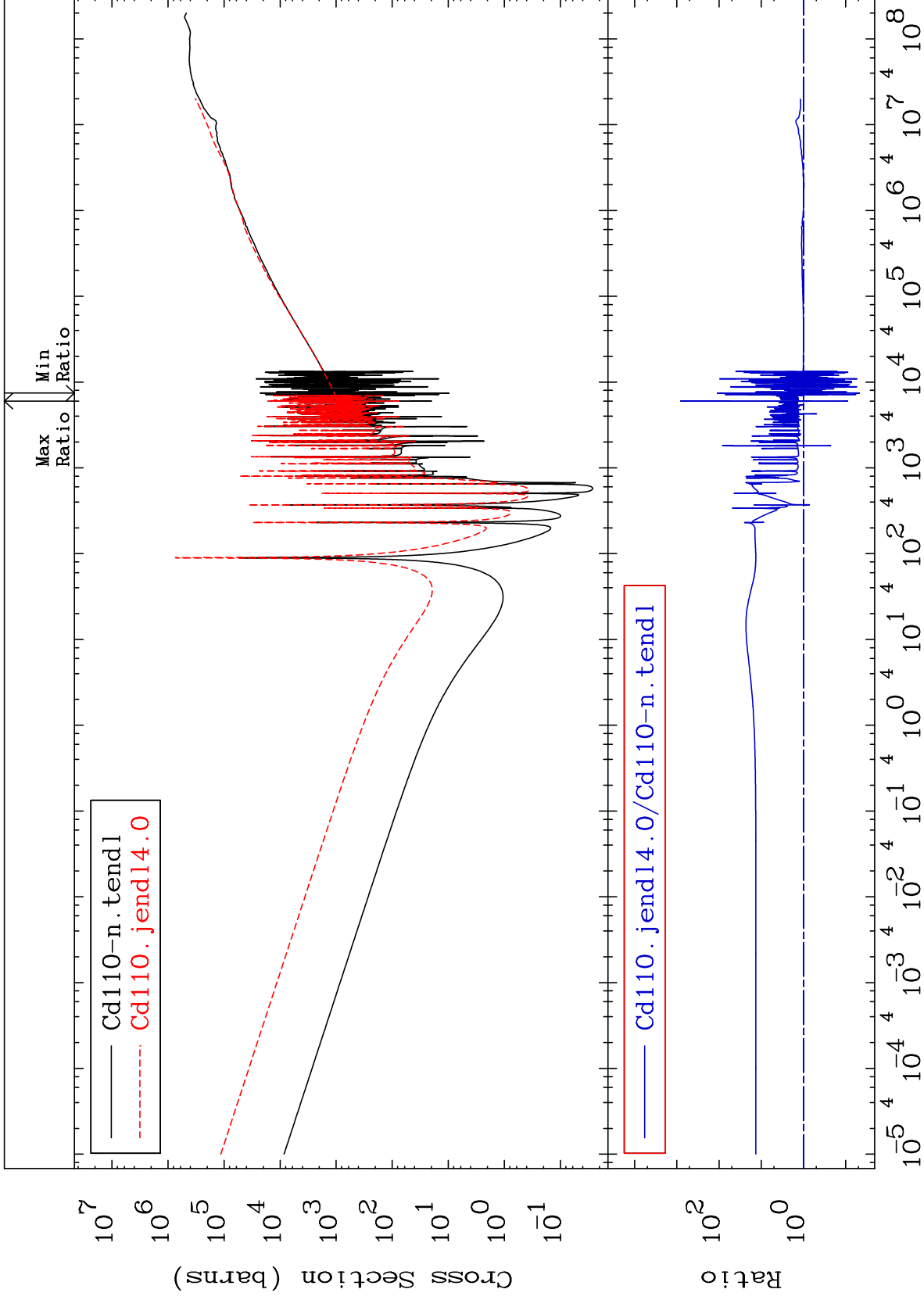
48-Cd-110
-100.0 To -62.89%



MAT 4837

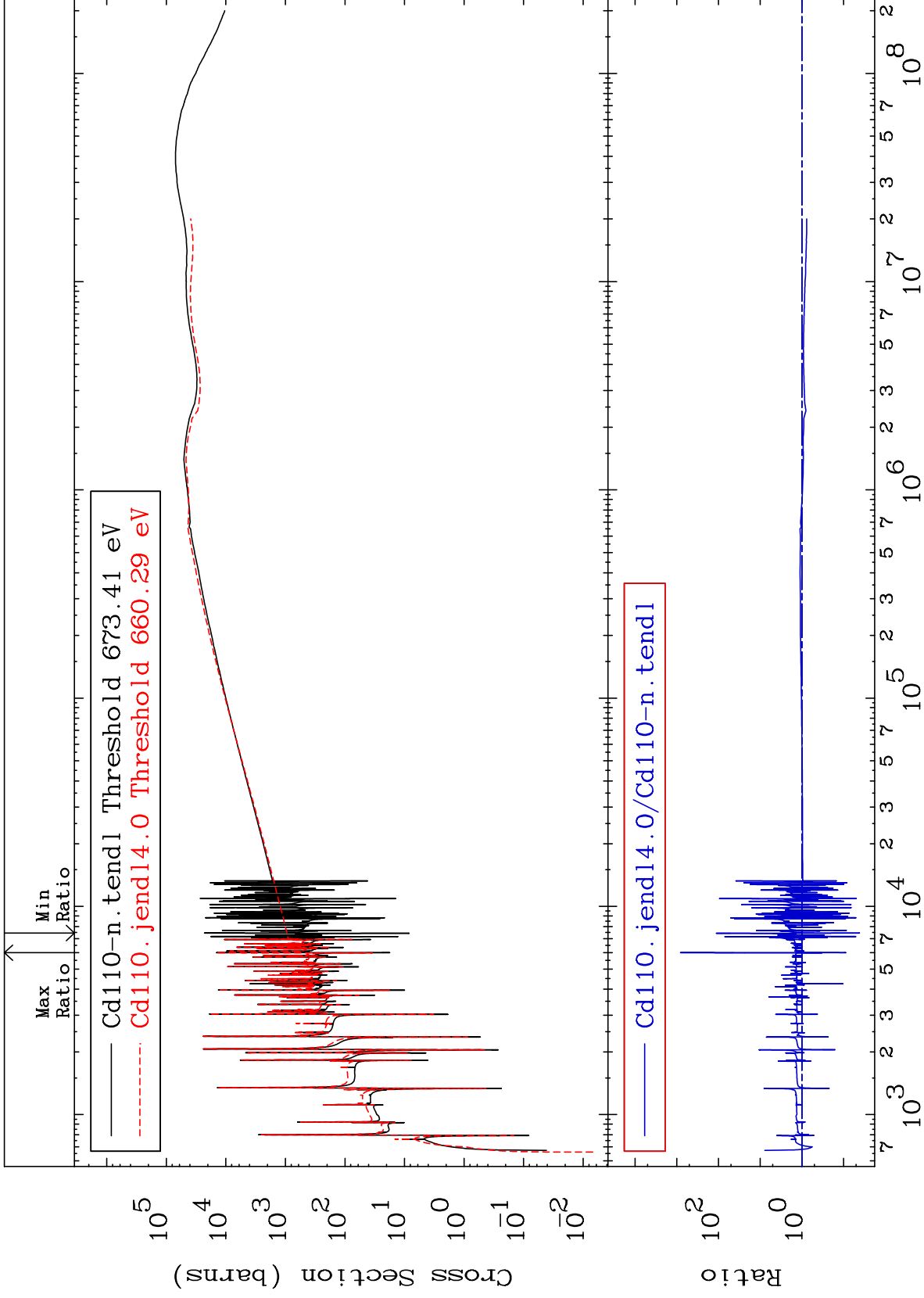
Dpa total (eV-barns)
Cross Section

48-Cd-110
-95.26 To 9999. %



43

48-Cd-110



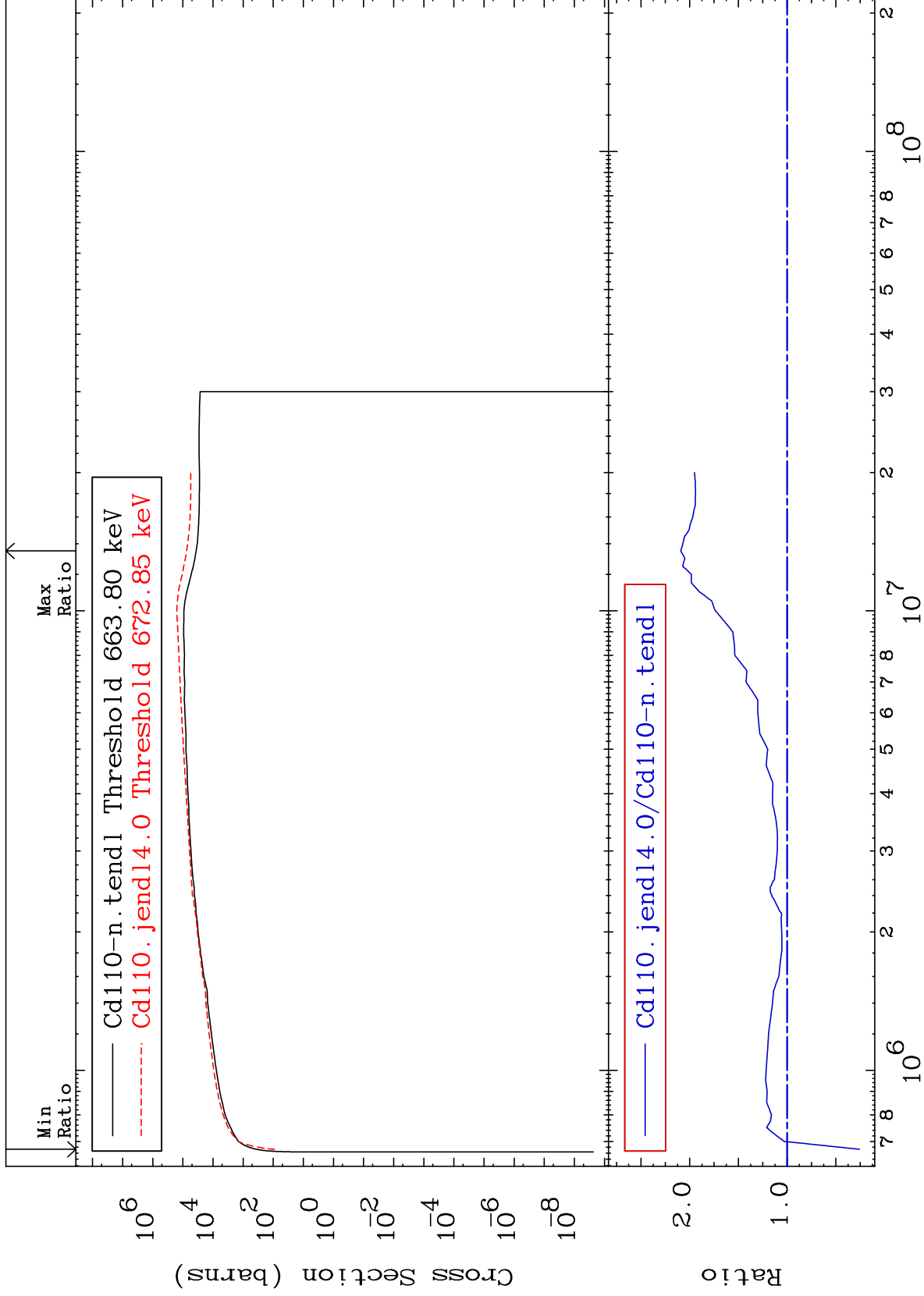
MAT 4837

Dpa inelastic (mt51-91)

48-Cd-110

-74.26 To 109.2 %

Cross Section



45

Incident Energy (eV)

48-Cd-110

