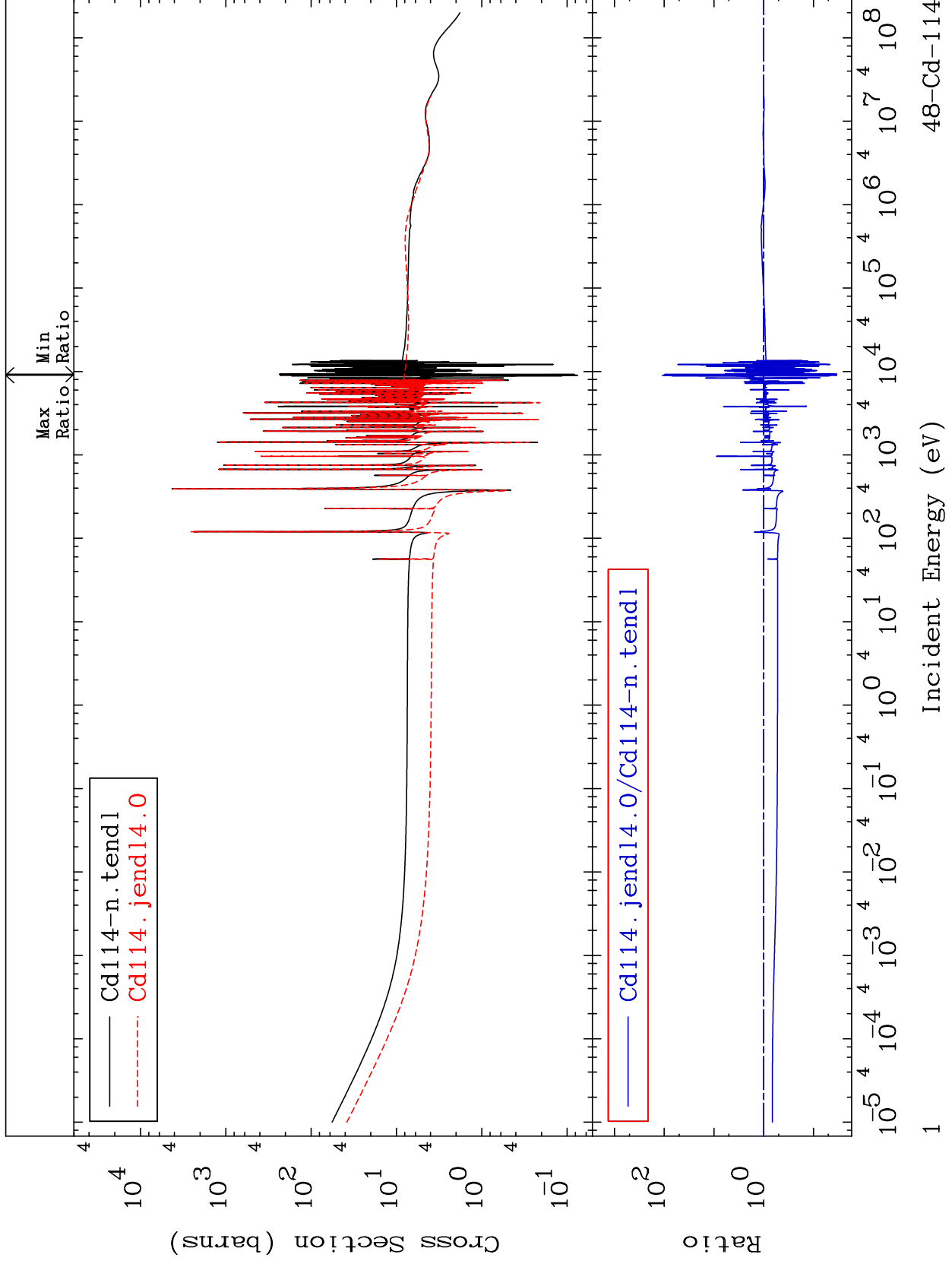


MAT 4849

Total
Cross Section

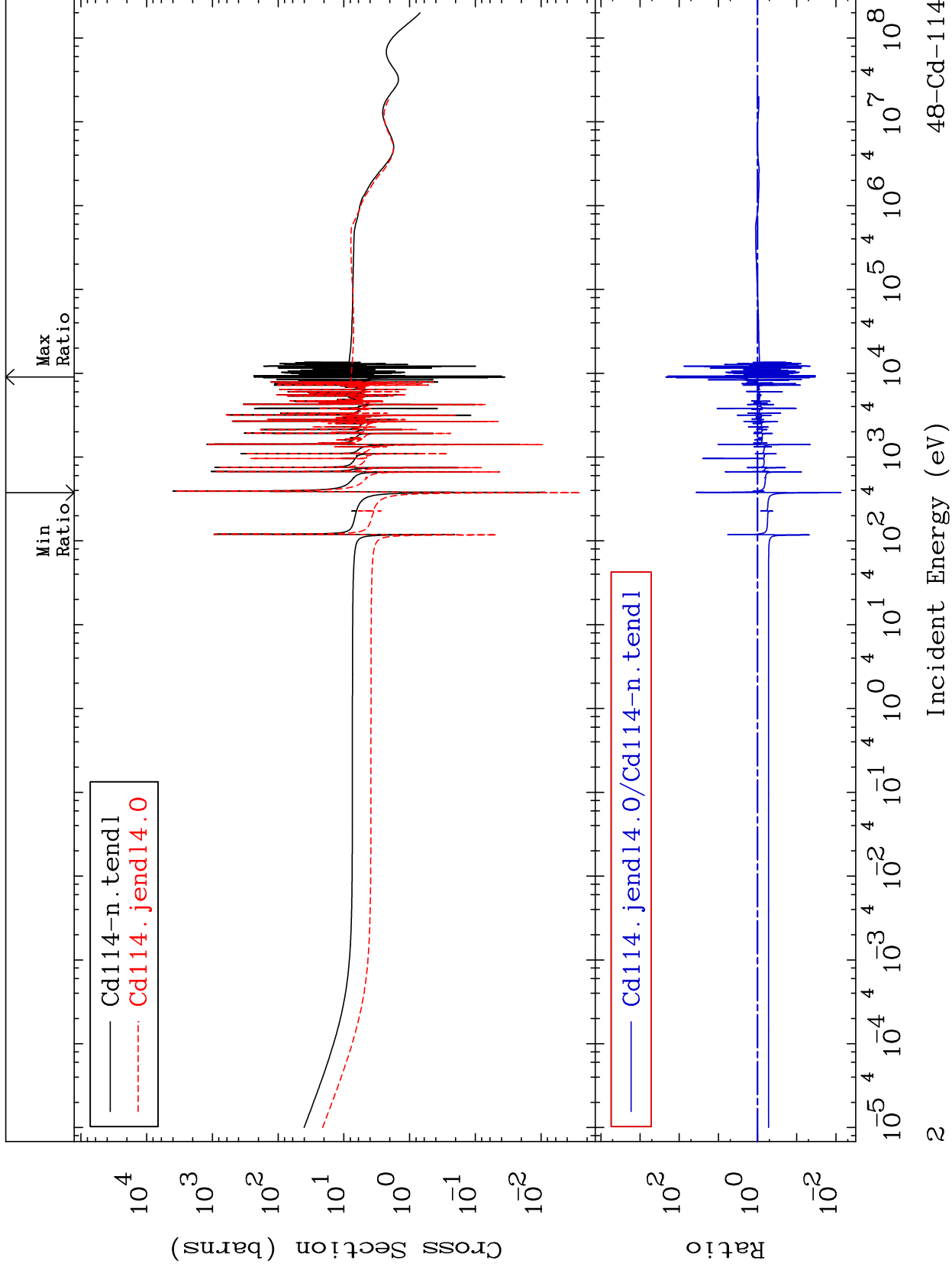
48-Cd-114
-96.62 To 9999. %



MAT 4849

Elastic
Cross Section

48-Cd-114
-99.25 To 9999. %



48-Cd-114

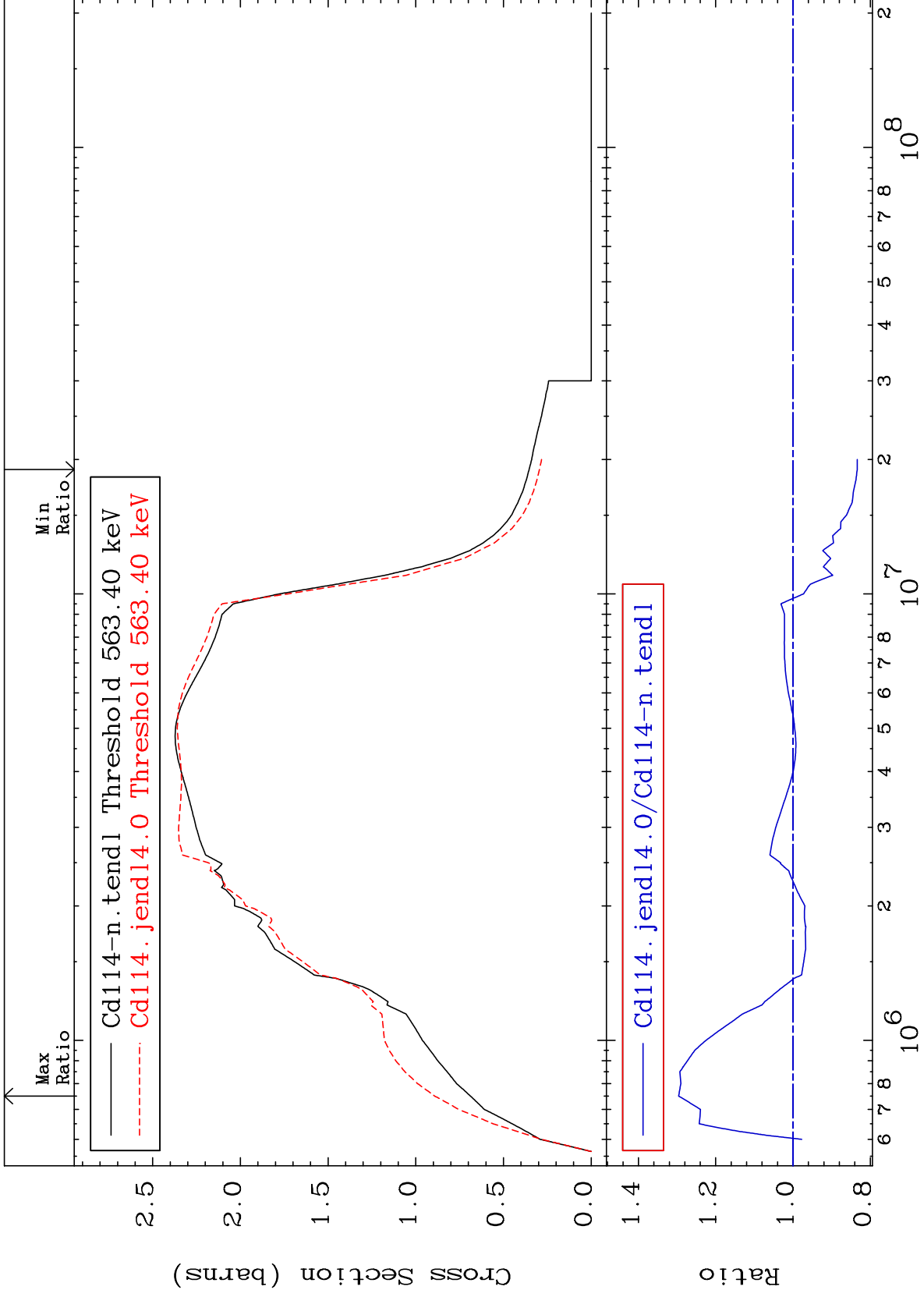
Incident Energy (eV)

2

MAT 4849

Inelastic
Cross Section

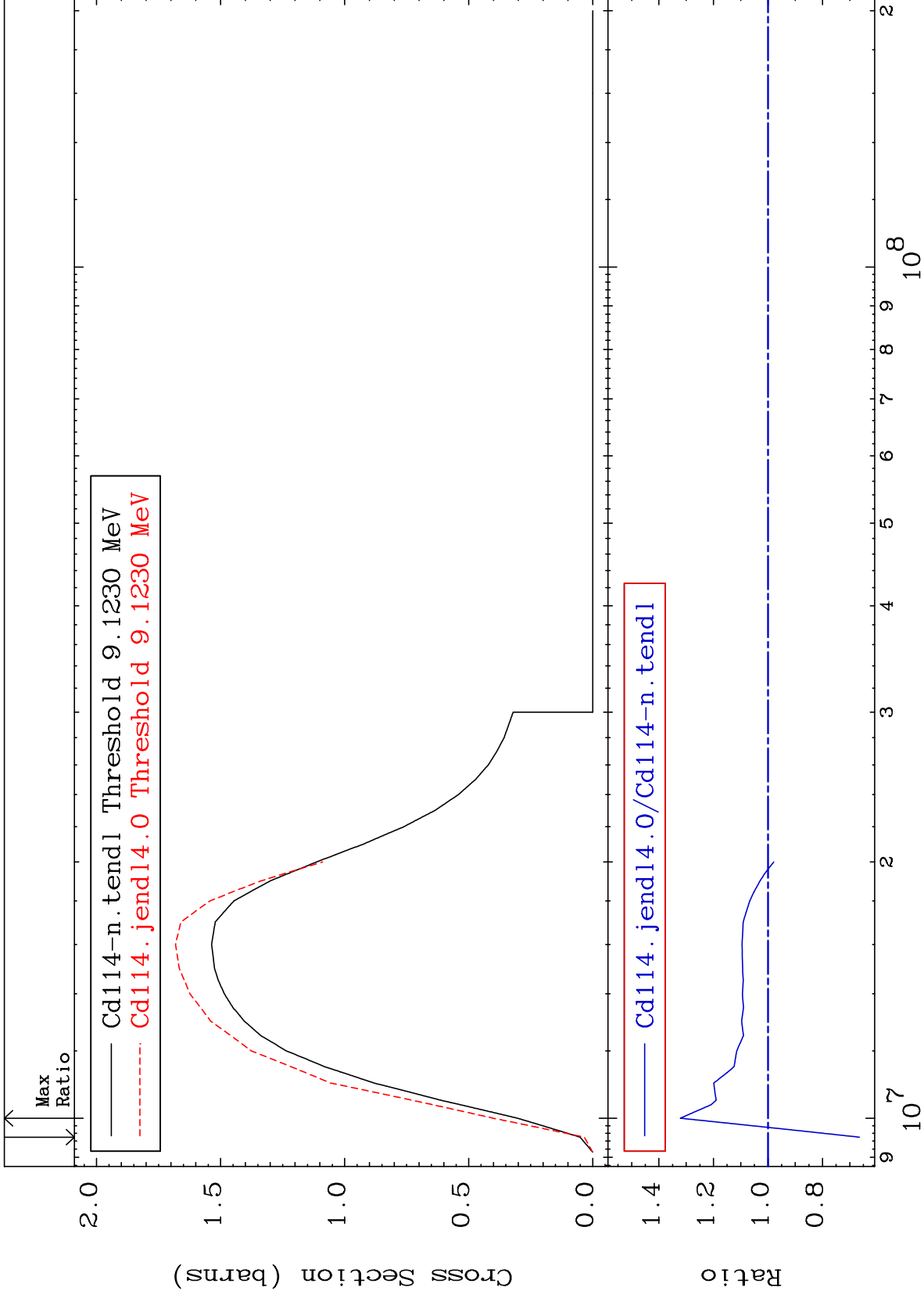
48-Cd-114
-16.62 To 29.59 %



MAT 4849

(n,2n)
Cross Section

48-Cd-114
-33.53 To 32.14 %

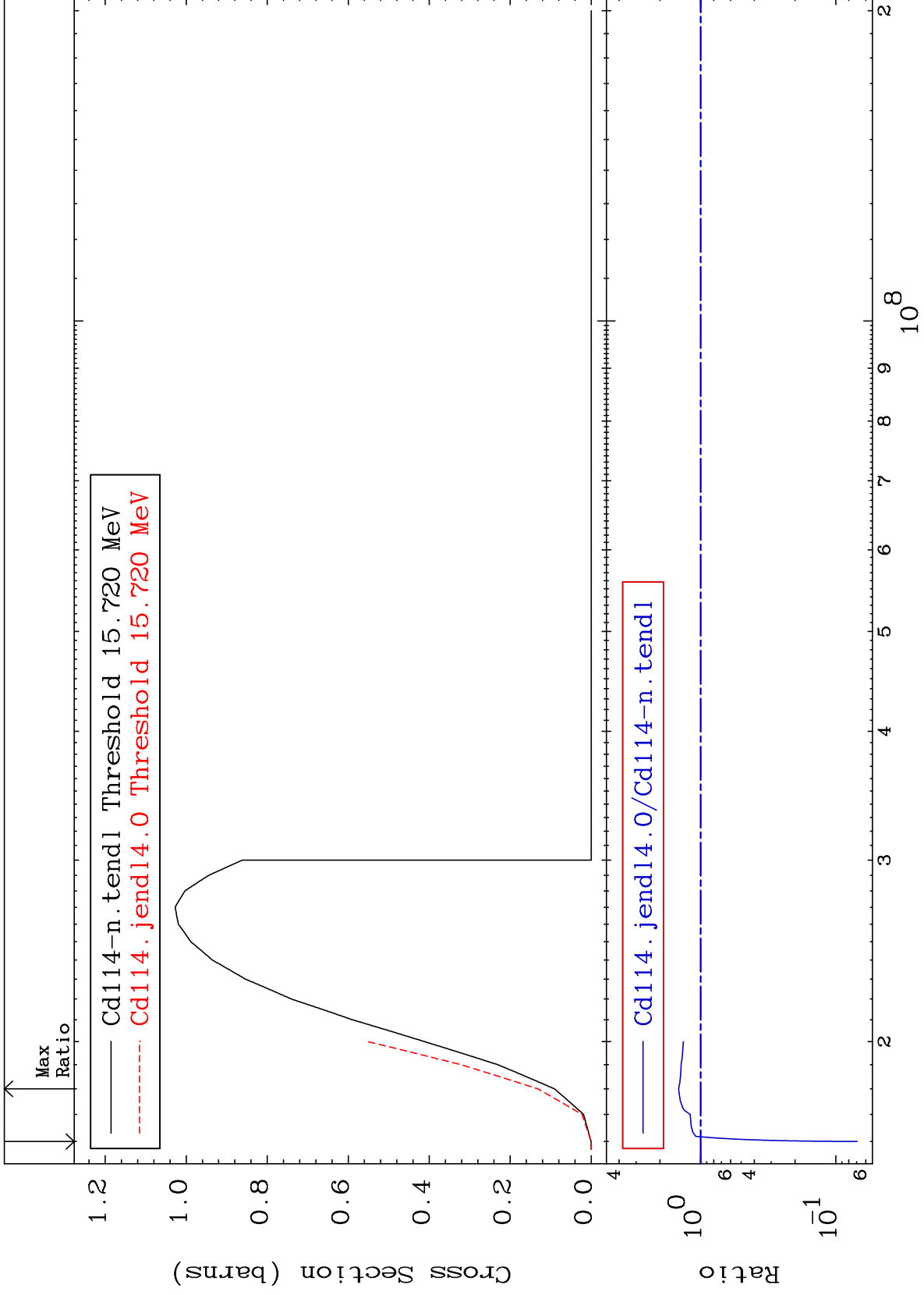


48-Cd-114

MAT 4849

(n,3n)
Cross Section

48-Cd-114
-93.07 To 45.29 %



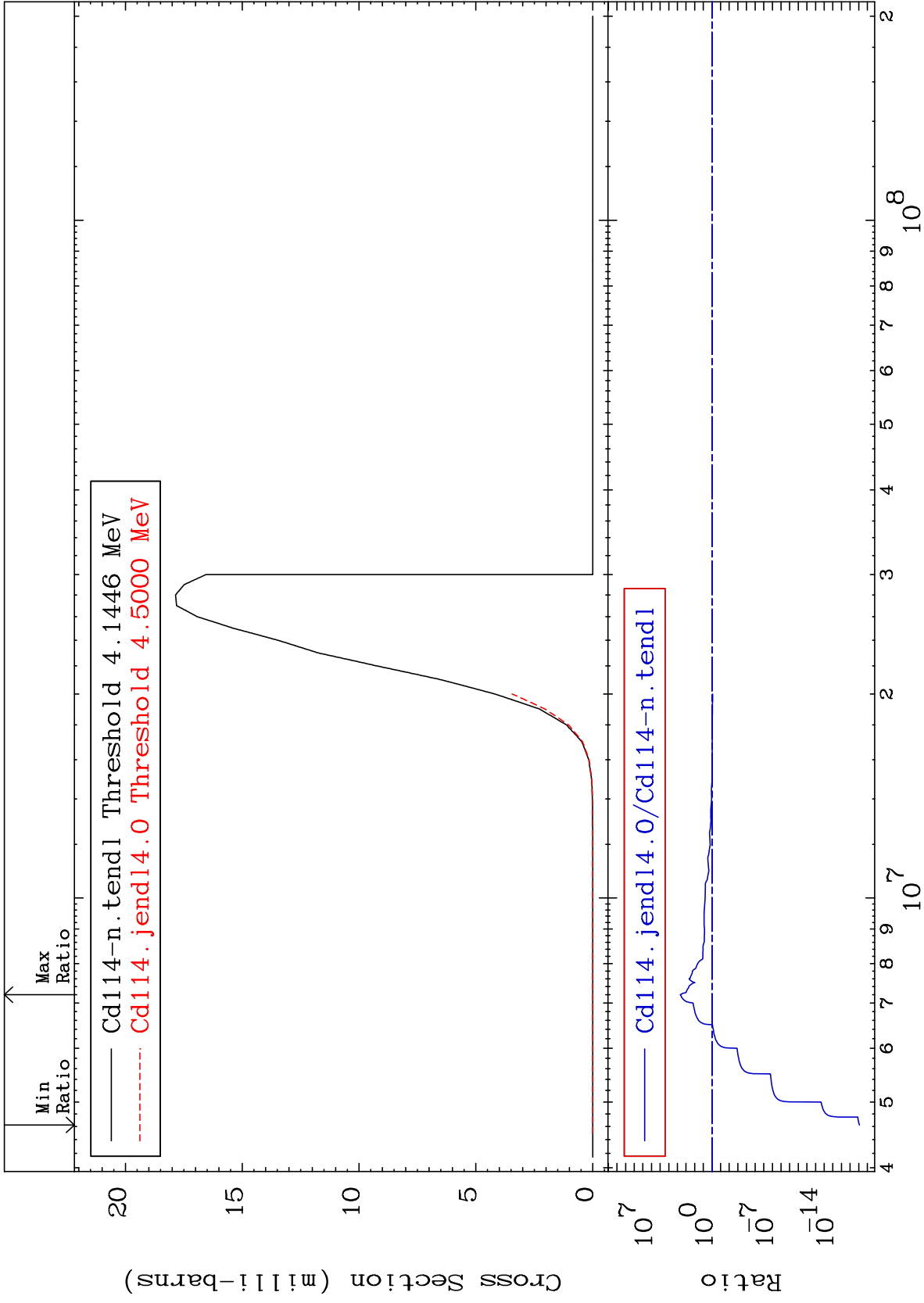
MAT 4849

(n, n') α

48-Cd-114

Cross Section

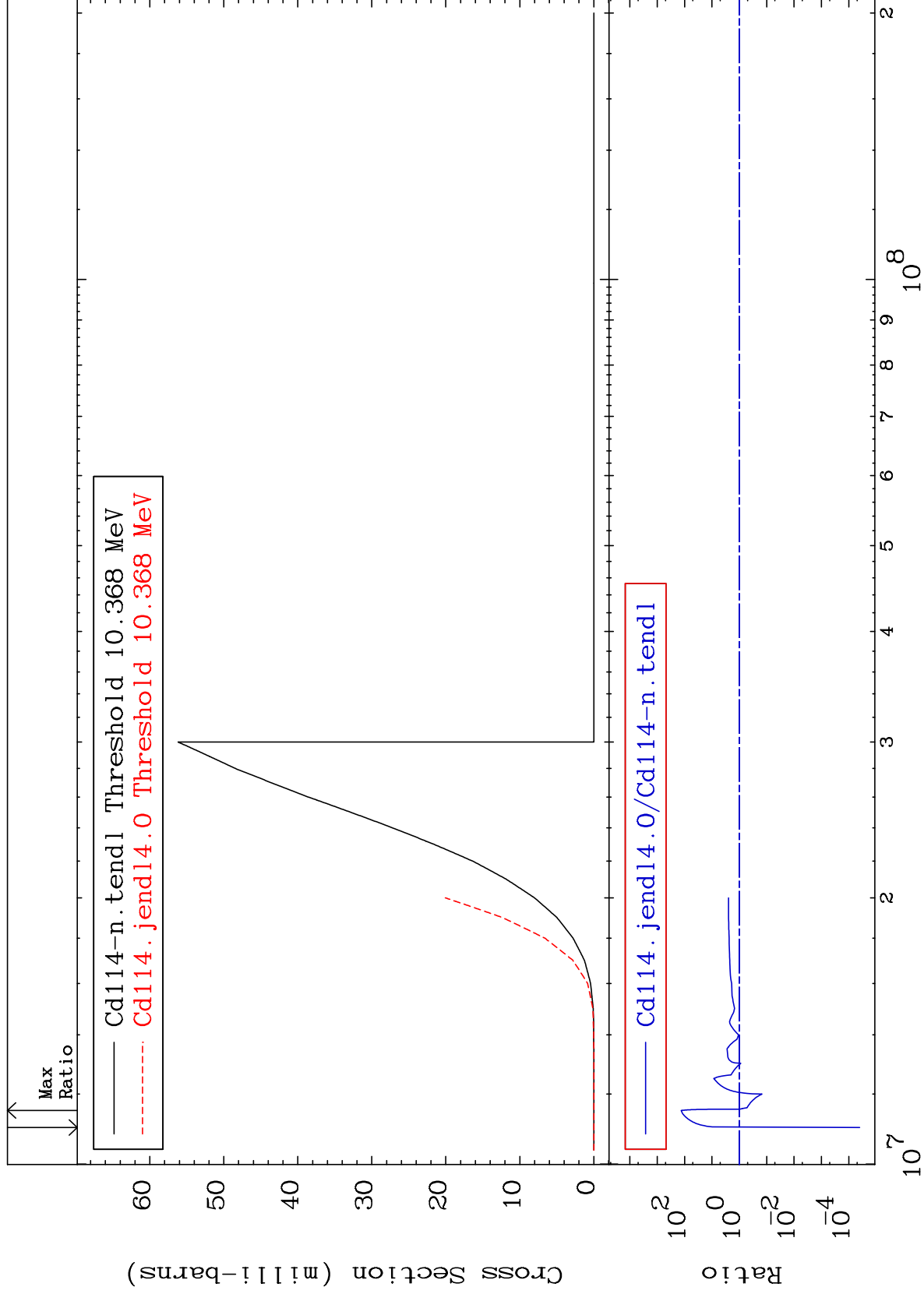
-100.0 To 9999. %



MAT 4849

(n,n') p
Cross Section

48-Cd-114
-100.0 To 9999. %



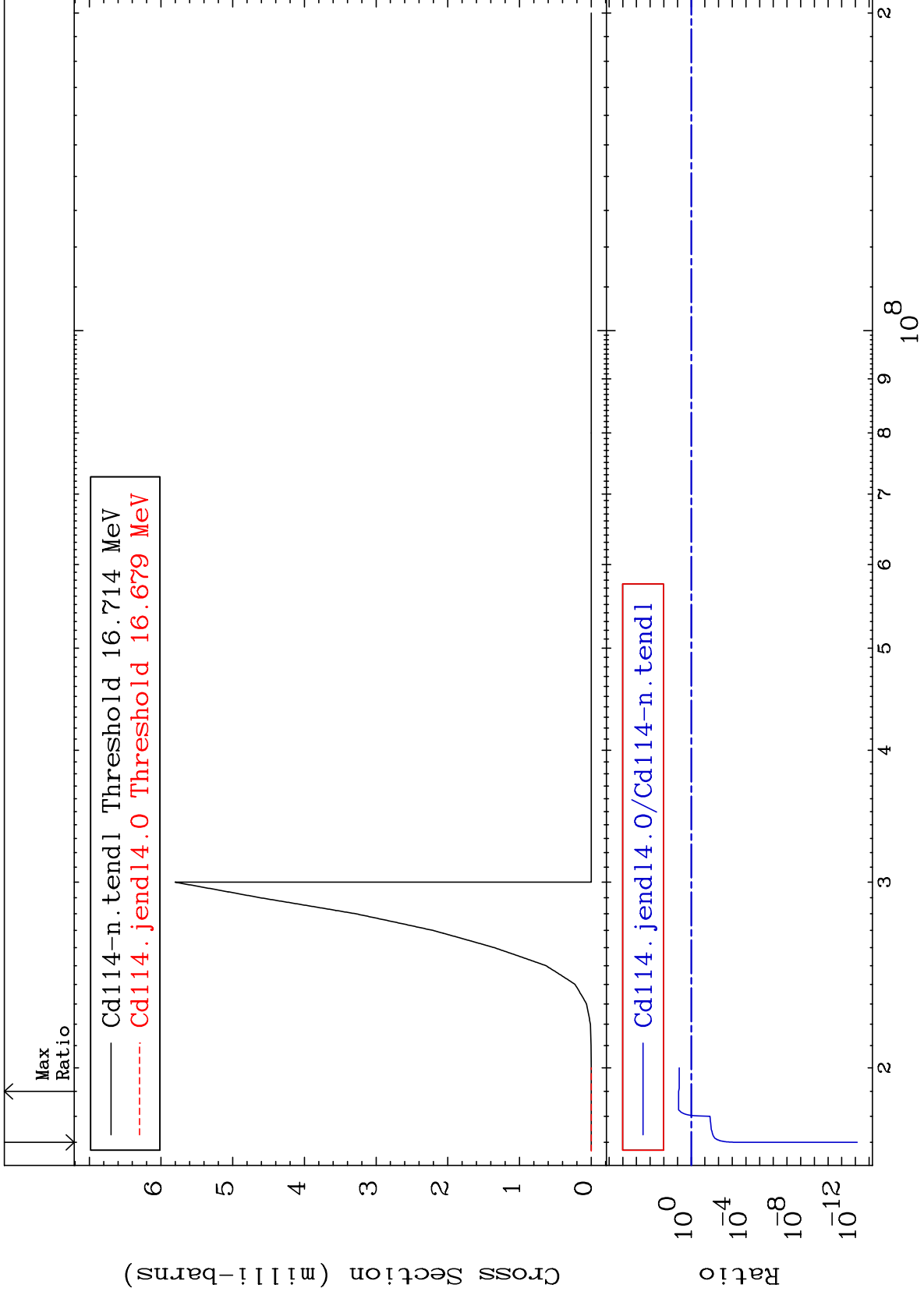
Incident Energy (eV)

48-Cd-114

MAT 4849

(n,n') d
Cross Section

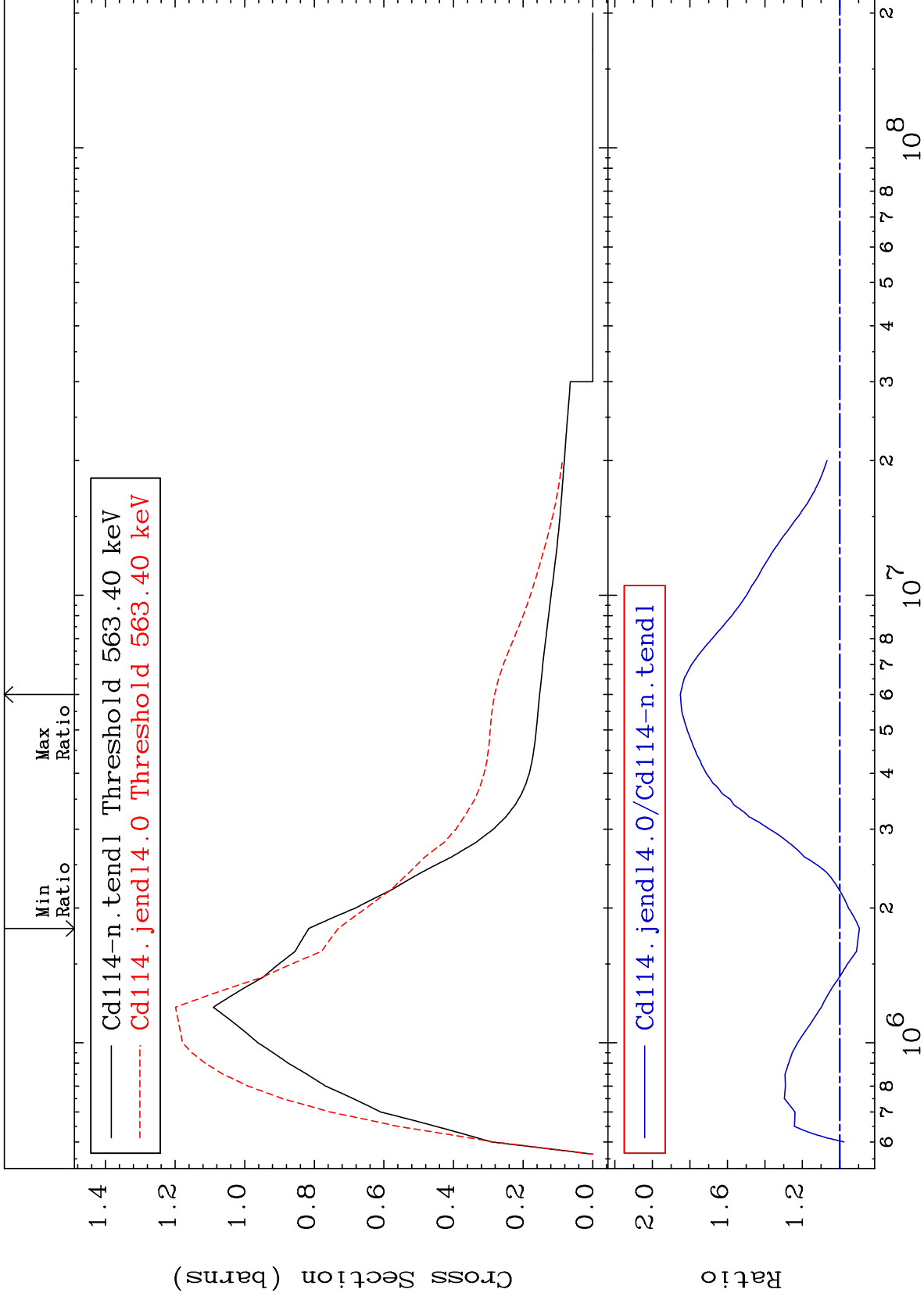
48-Cd-114
-100.0 To 726.7 %



MAT 4849

558.5 keV (n,n') Level
Cross Section

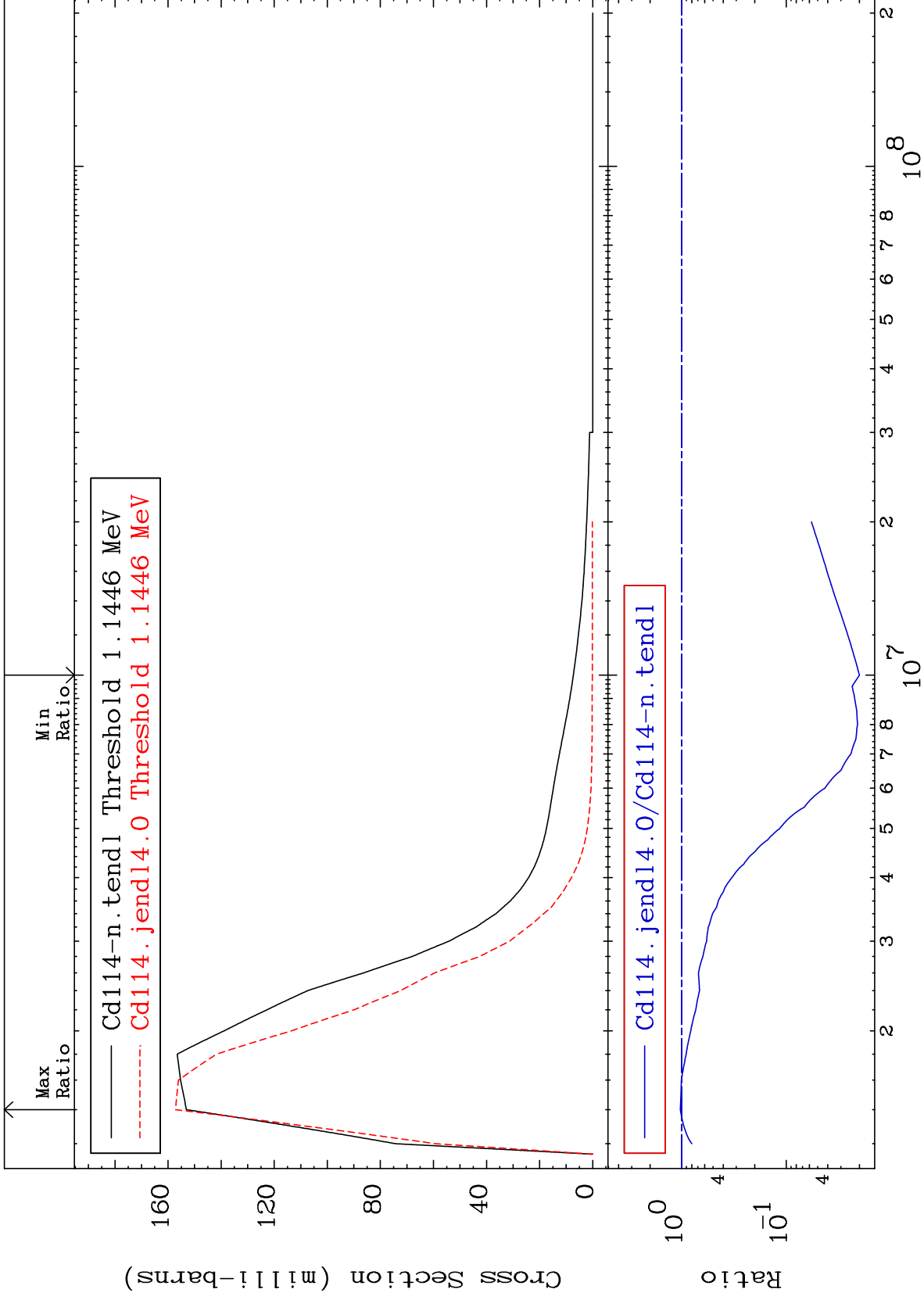
48-Cd-114
-10.41 To 85.06 %



MAT 4849

1.135 MeV (n,n') Level
Cross Section

48-Cd-114
-98.00 To 2.680 %



10

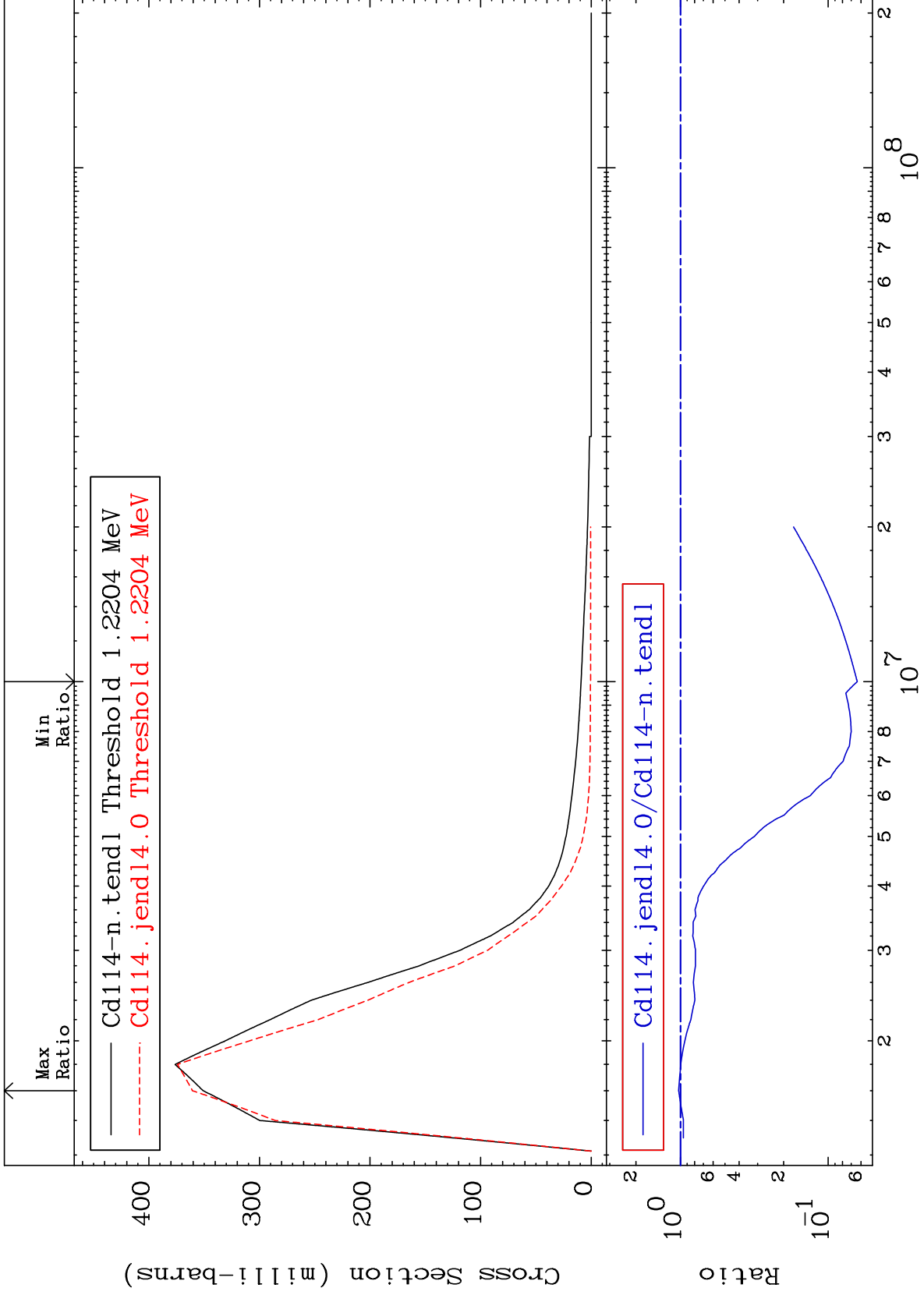
Incident Energy (eV)

48-Cd-114

MAT 4849

1.210 MeV (n,n') Level
Cross Section

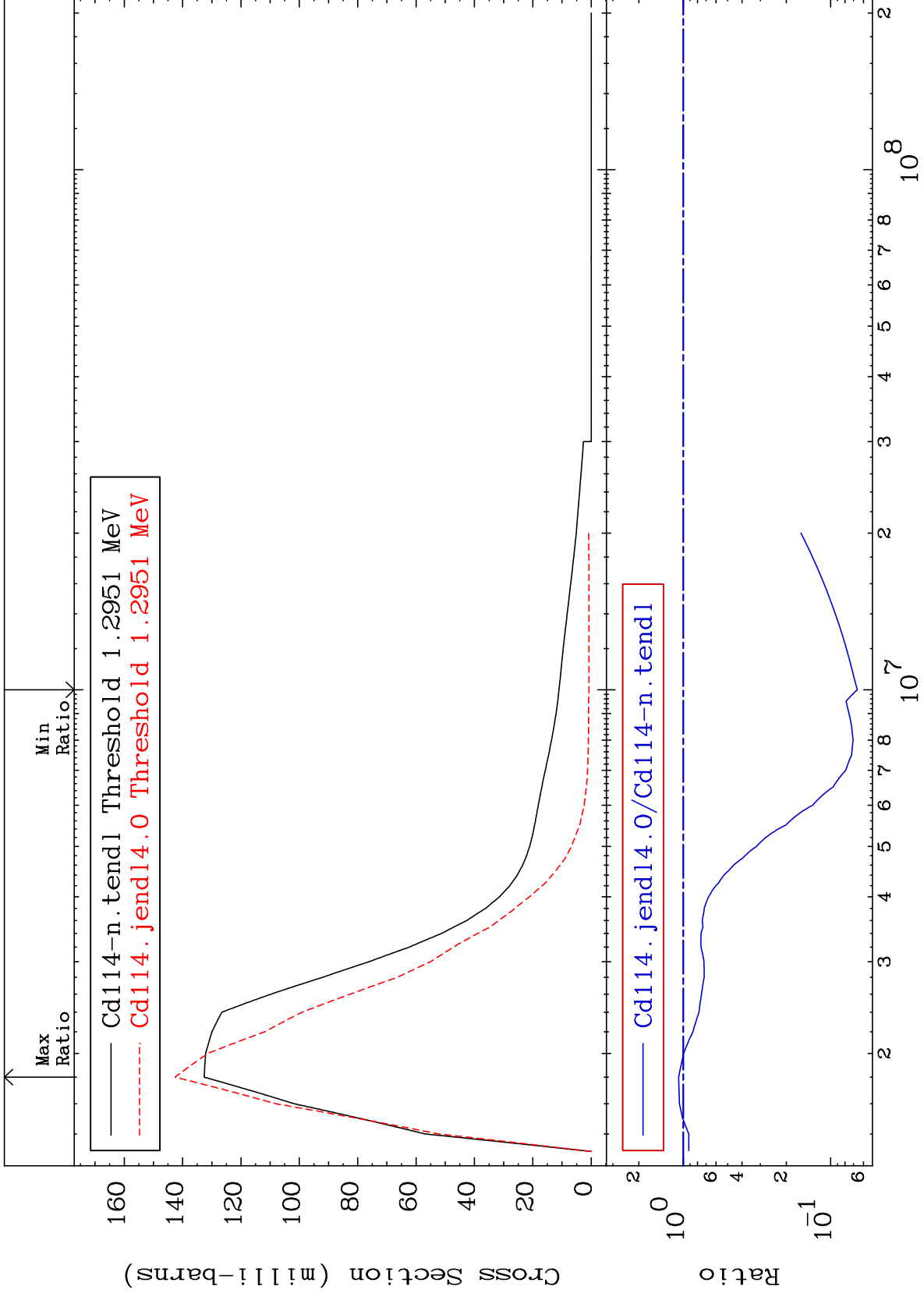
48-Cd-114
-93.64 To 2.740 %



MAT 4849

1.284 MeV (n,n') Level
Cross Section

48-Cd-114
-93.39 To 7.507 %



12

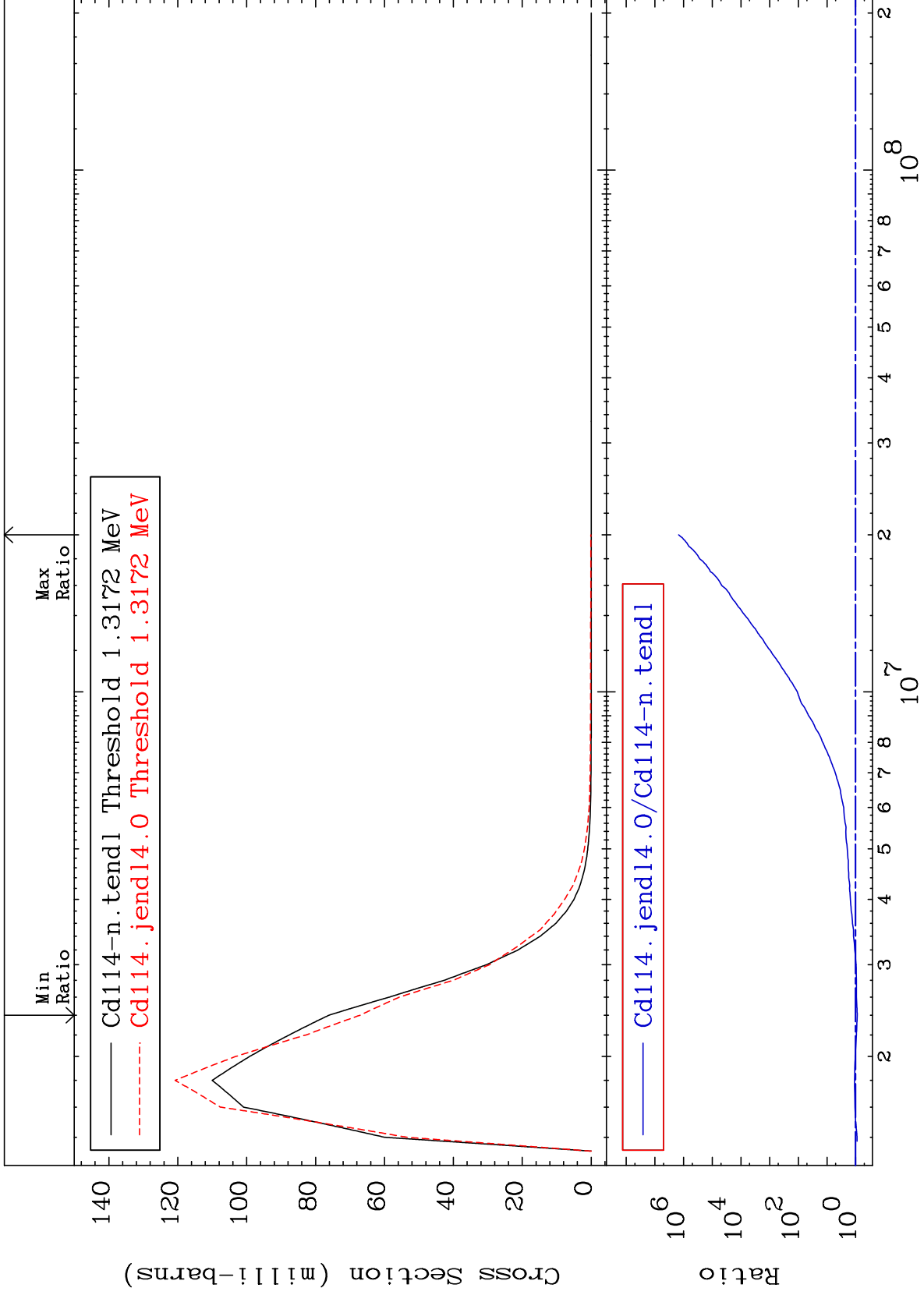
Incident Energy (eV)

48-Cd-114

MAT 4849

1.306 MeV (n,n') Level
Cross Section

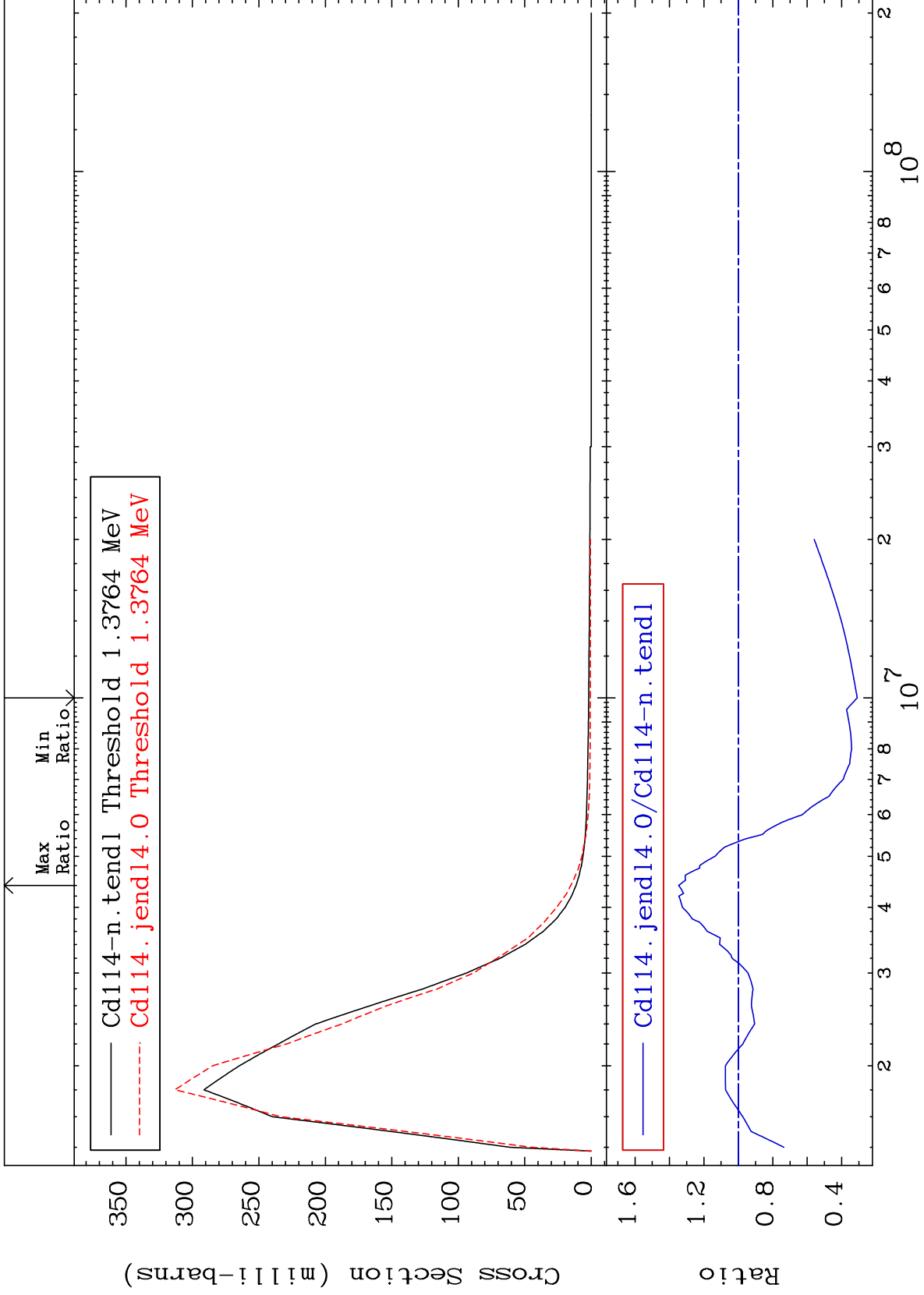
48-Cd-114
-11.87 To 9999. %



MAT 4849

1.364 MeV (n,n') Level
Cross Section

48-Cd-114
-69.07 To 34.67 %



14

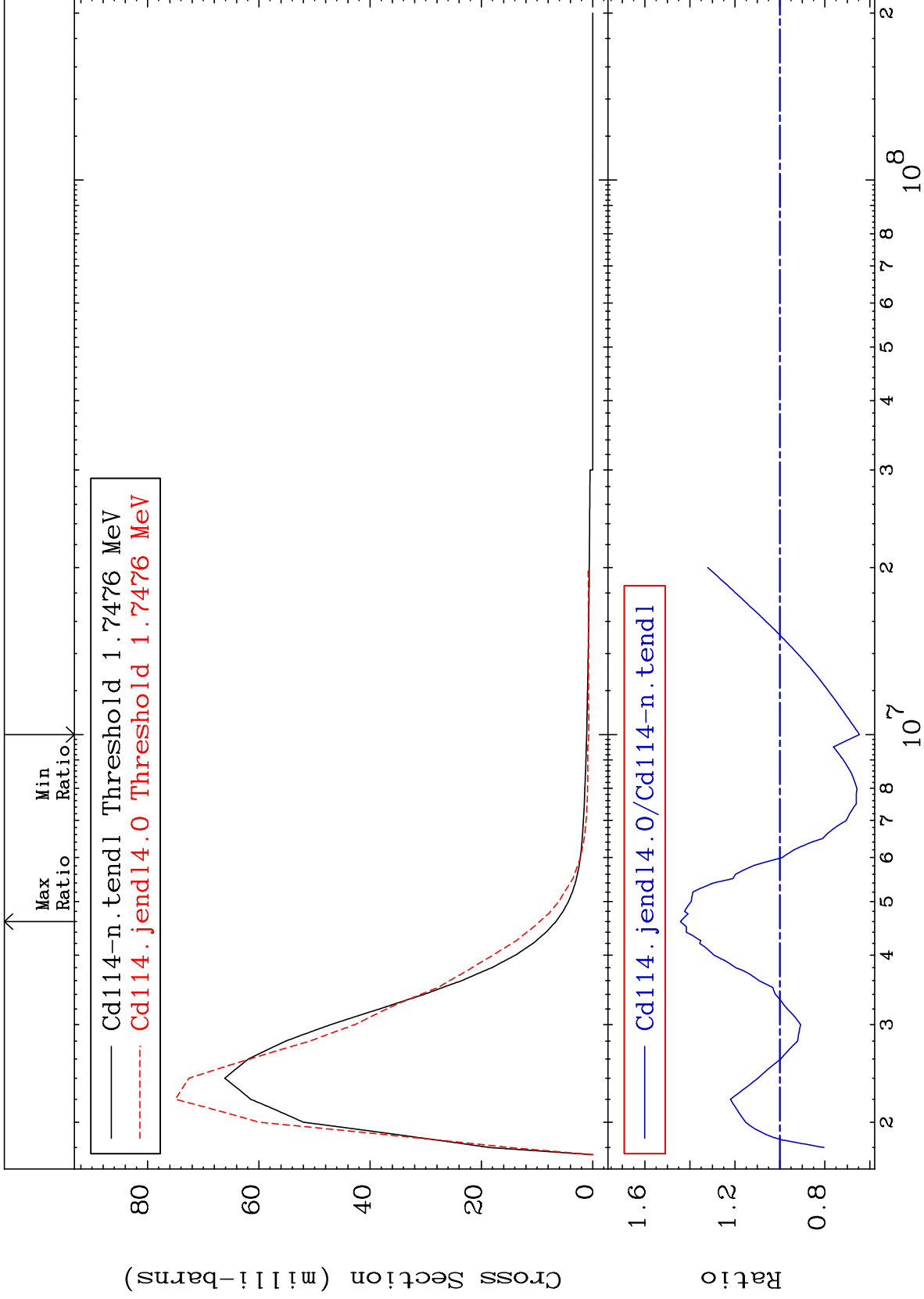
Incident Energy (eV)

48-Cd-114

MAT 4849

1.732 MeV (n,n') Level
Cross Section

48-Cd-114
-35.36 To 44.22 %



15

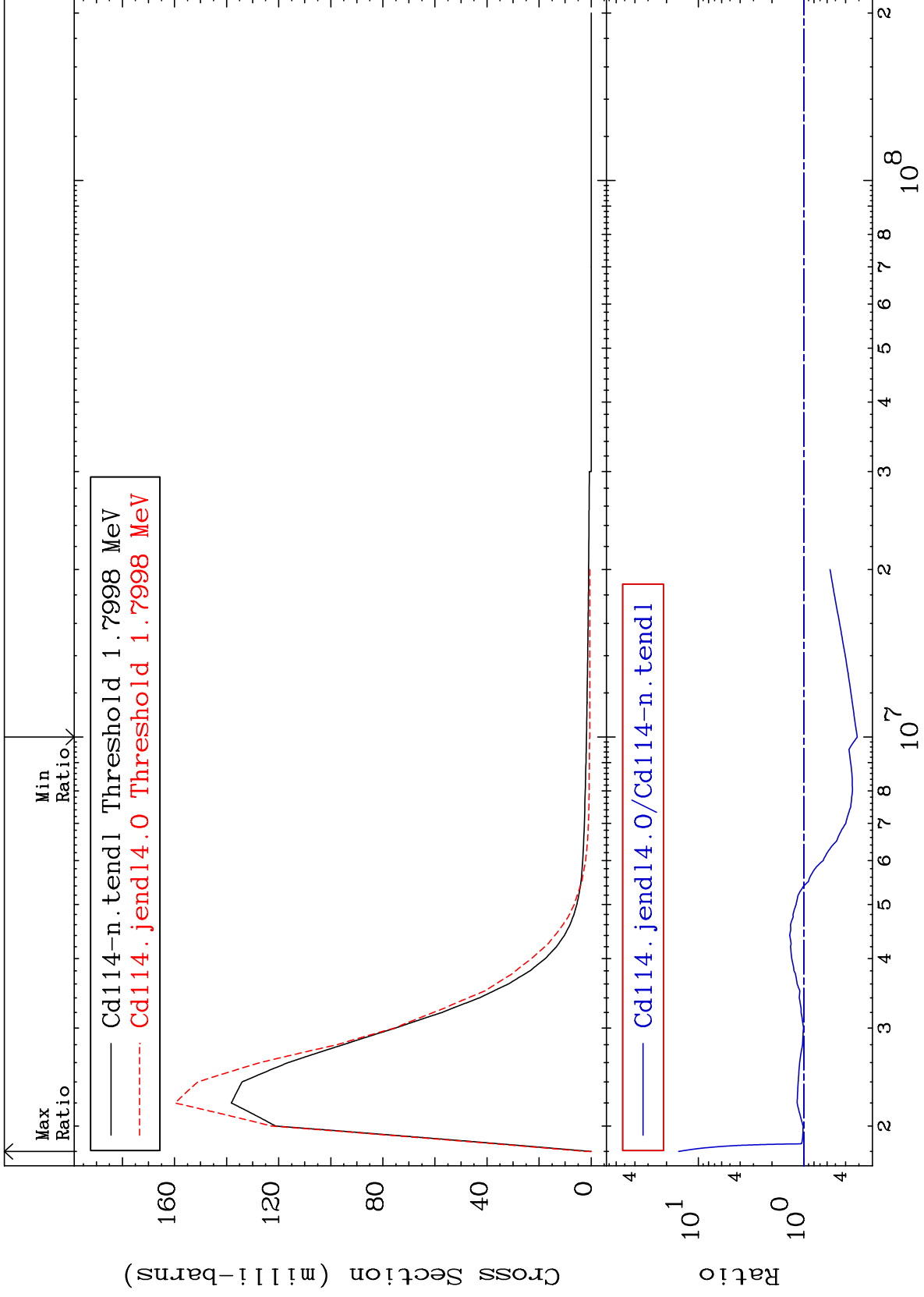
Incident Energy (eV)

48-Cd-114

MAT 4849

1.784 MeV (n,n') Level
Cross Section

48-Cd-114
-68.95 To 1437. %



16

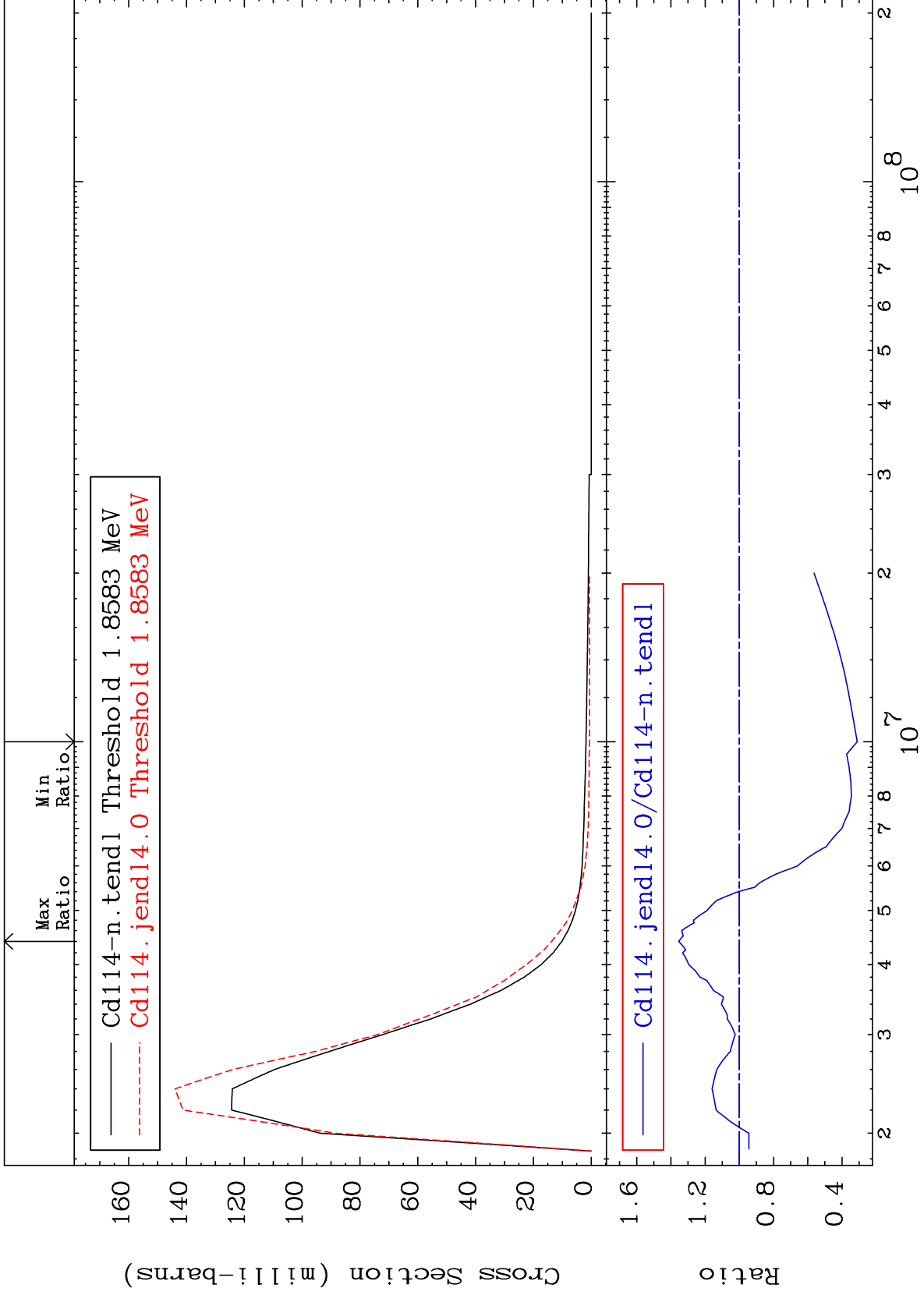
48-Cd-114

48-Cd-114

MAT 4849

1.842 MeV (n,n') Level
Cross Section

48-Cd-114
-68.92 To 35.49 %



17

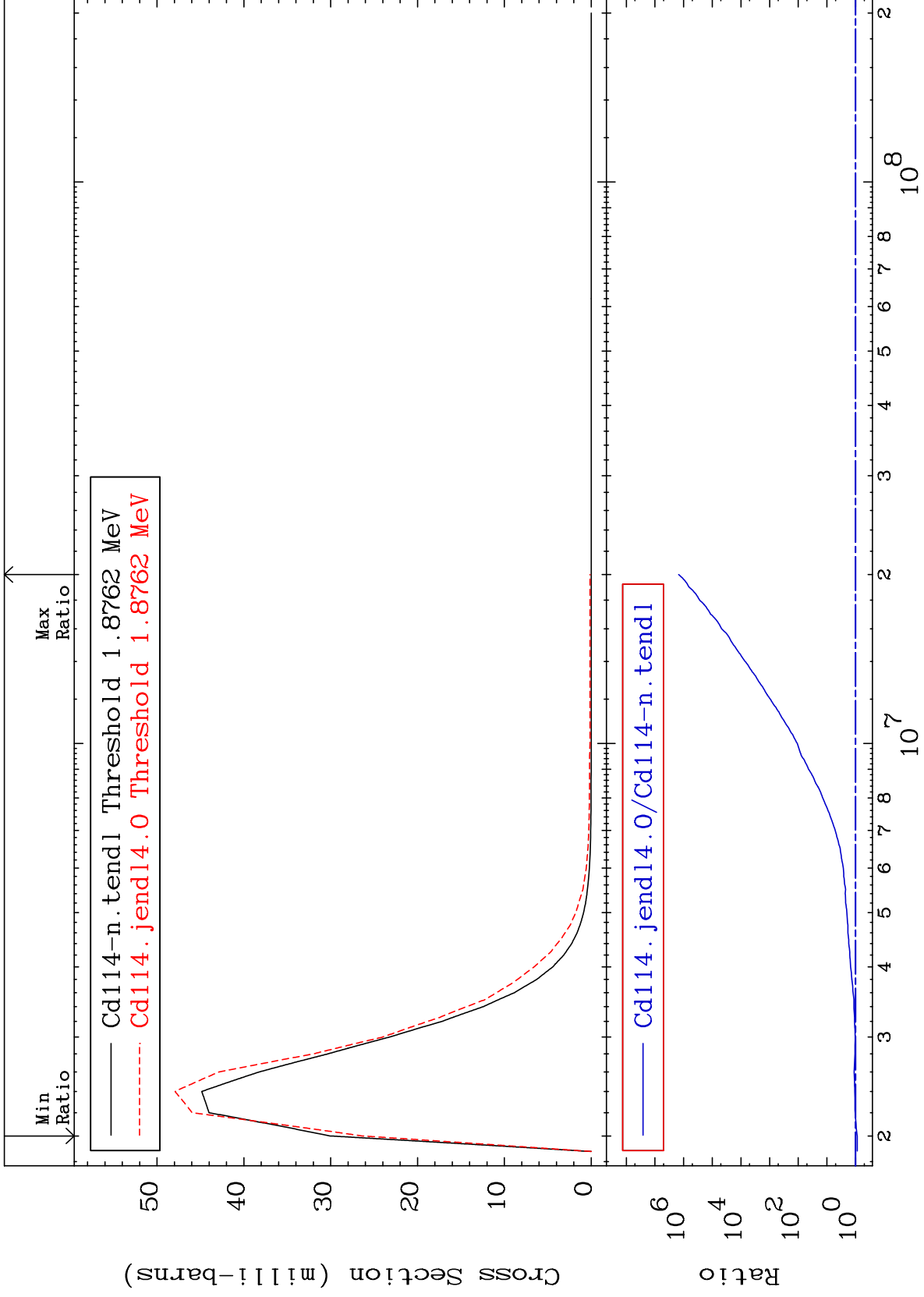
Incident Energy (eV)

48-Cd-114

MAT 4849

1.860 MeV (n,n') Level
Cross Section

48-Cd-114
-12.35 To 9999. %



18

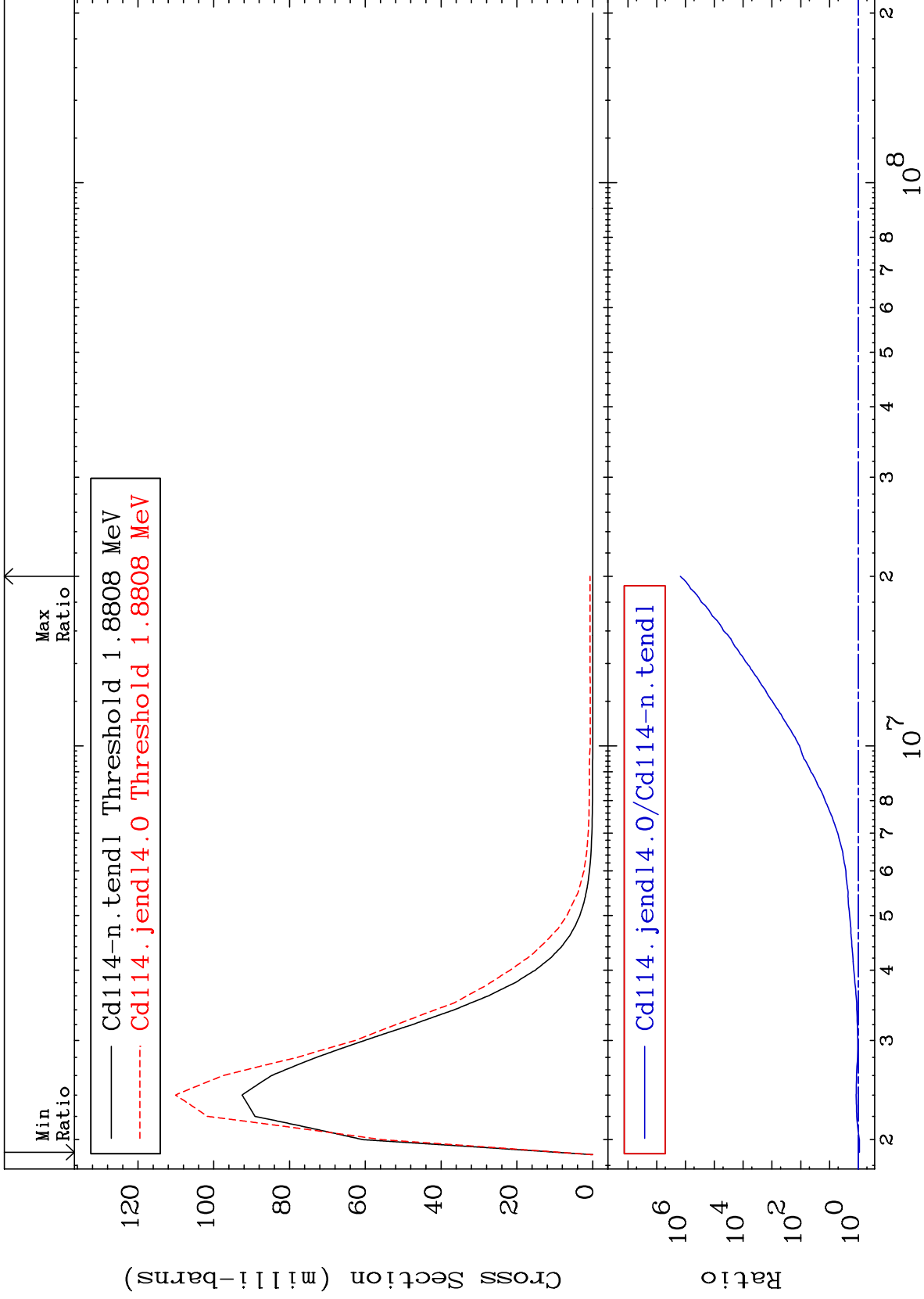
Incident Energy (eV)

48-Cd-114

MAT 4849

1.864 MeV (n,n') Level
Cross Section

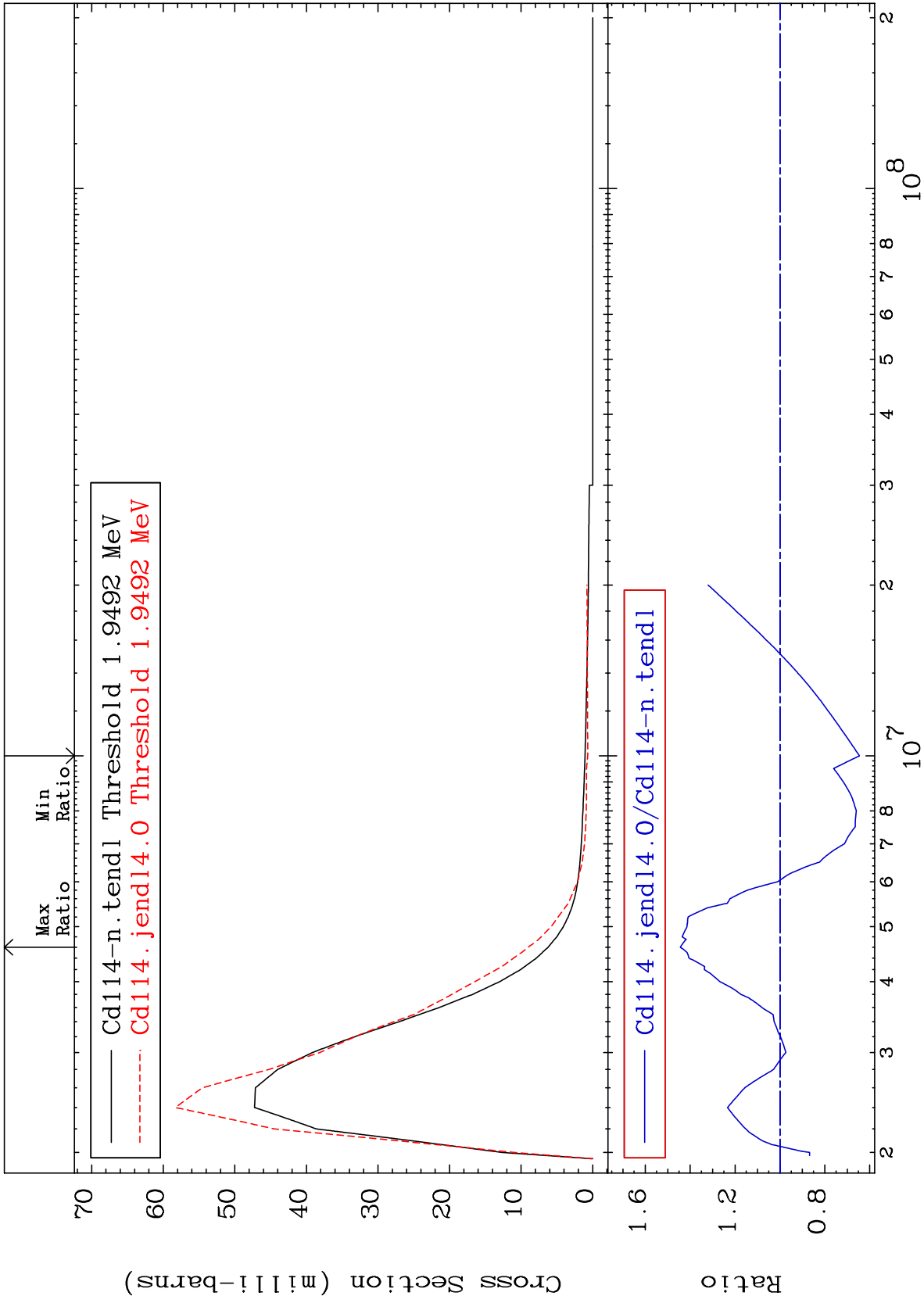
48-Cd-114
-8.229 To 9999. %



MAT 4849

1.932 MeV (n,n') Level
Cross Section

48-Cd-114
-35.43 To 44.39 %



20

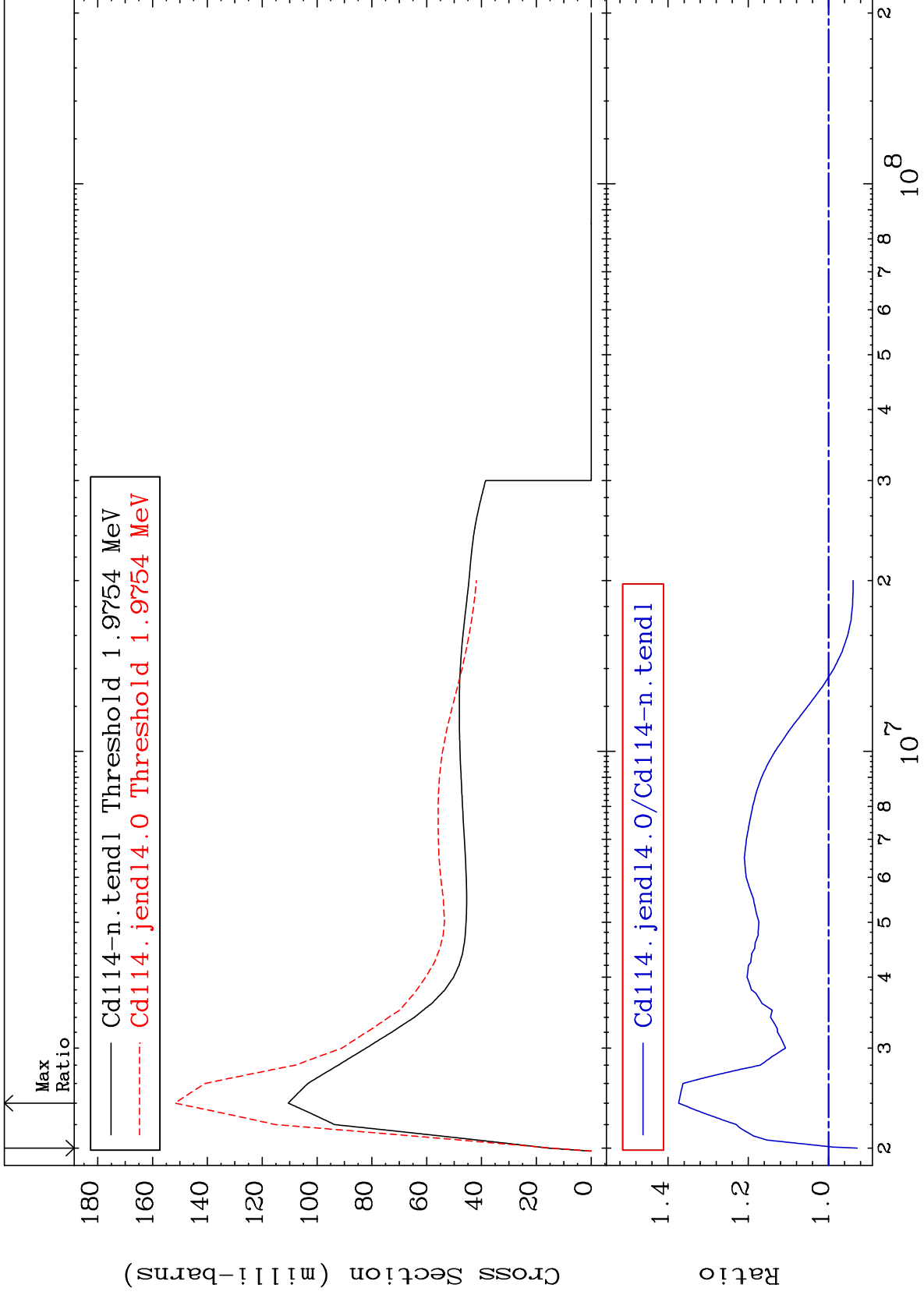
Incident Energy (eV)

48-Cd-114

MAT 4849

1.958 MeV (n,n') Level
Cross Section

48-Cd-114
-7.157 To 37.37 %



21

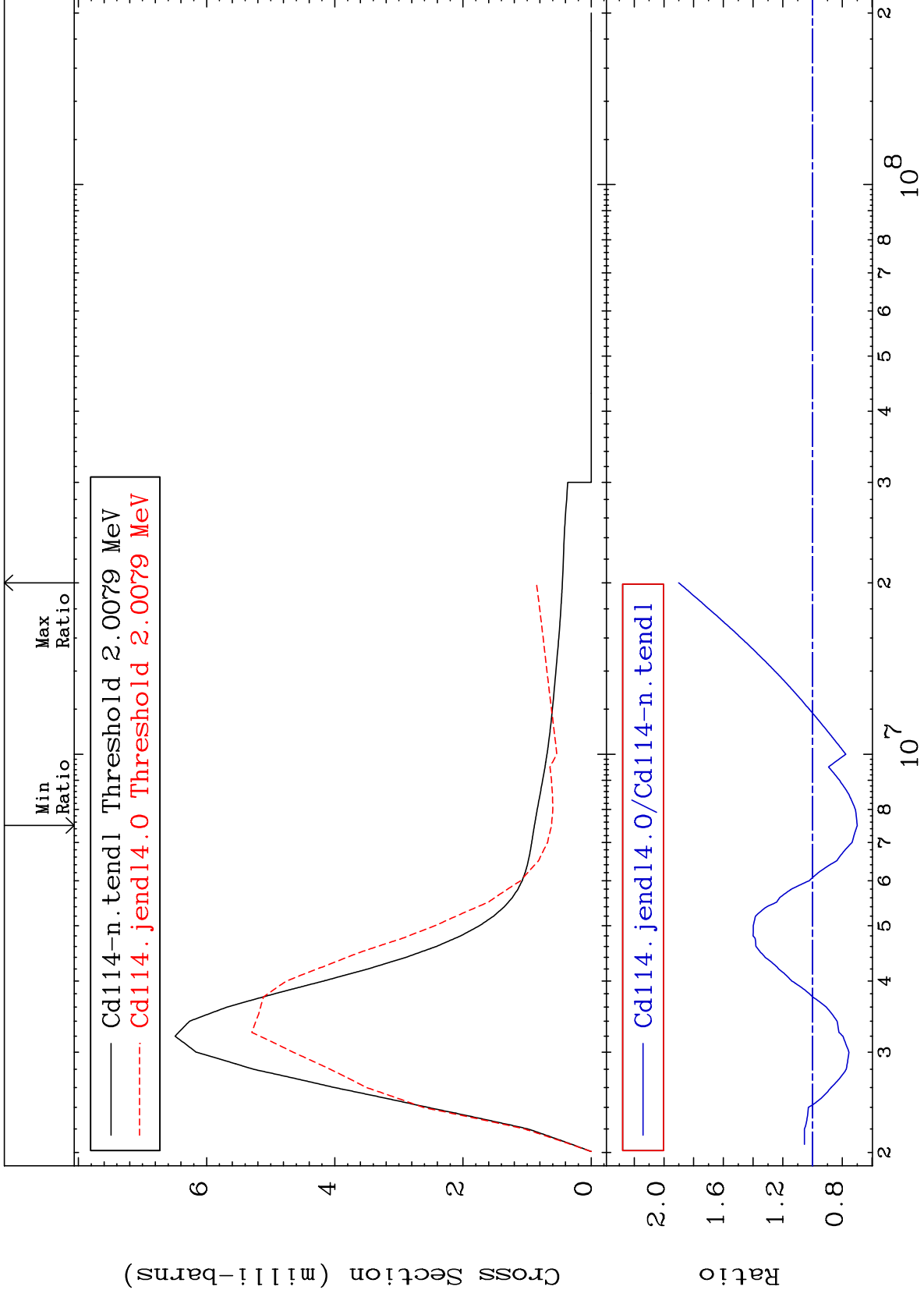
Incident Energy (eV)

48-Cd-114

MAT 4849

1.990 MeV (n,n') Level
Cross Section

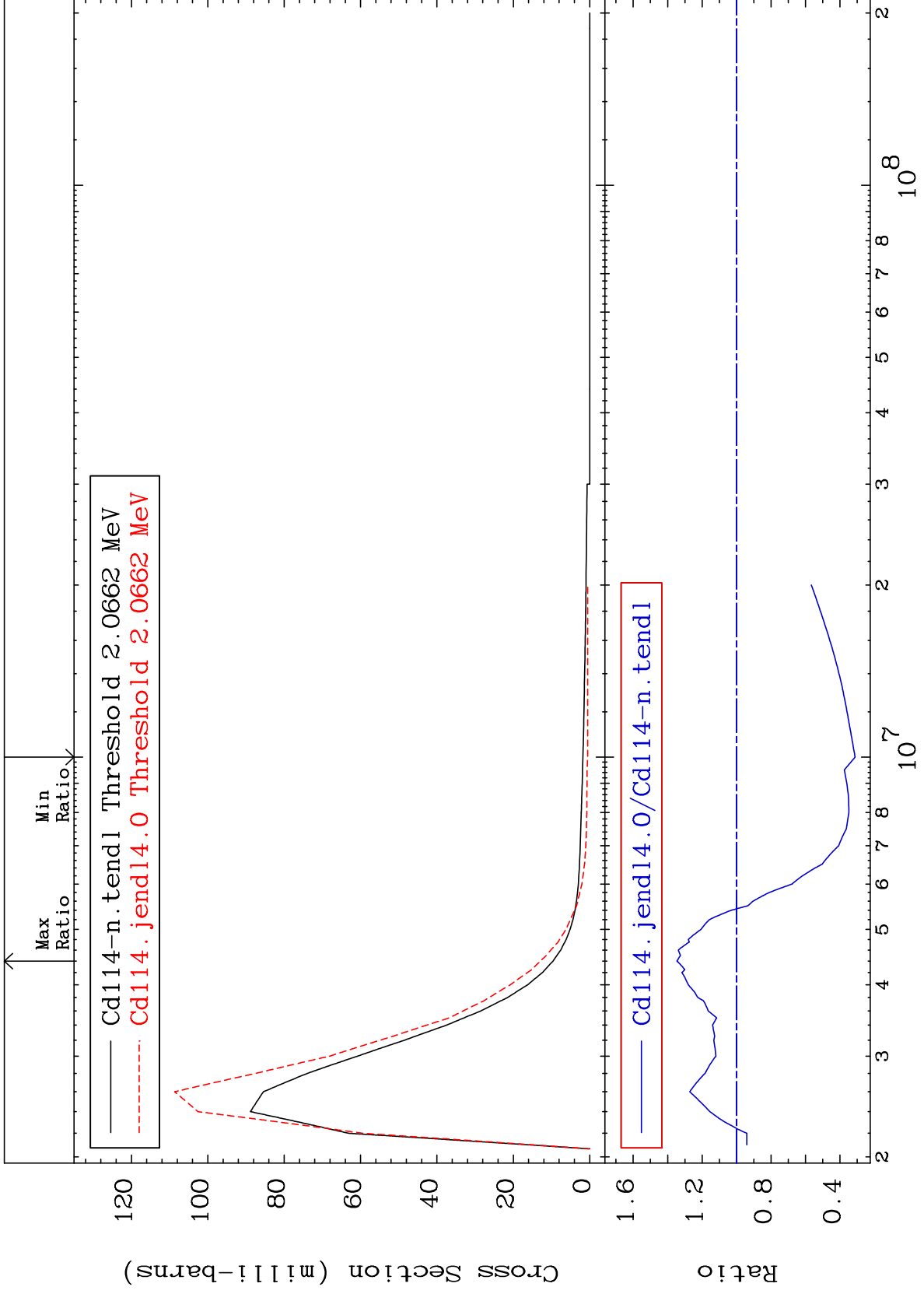
48-Cd-114
-30.07 To 90.11 %



MAT 4849

2.048 MeV (n,n') Level
Cross Section

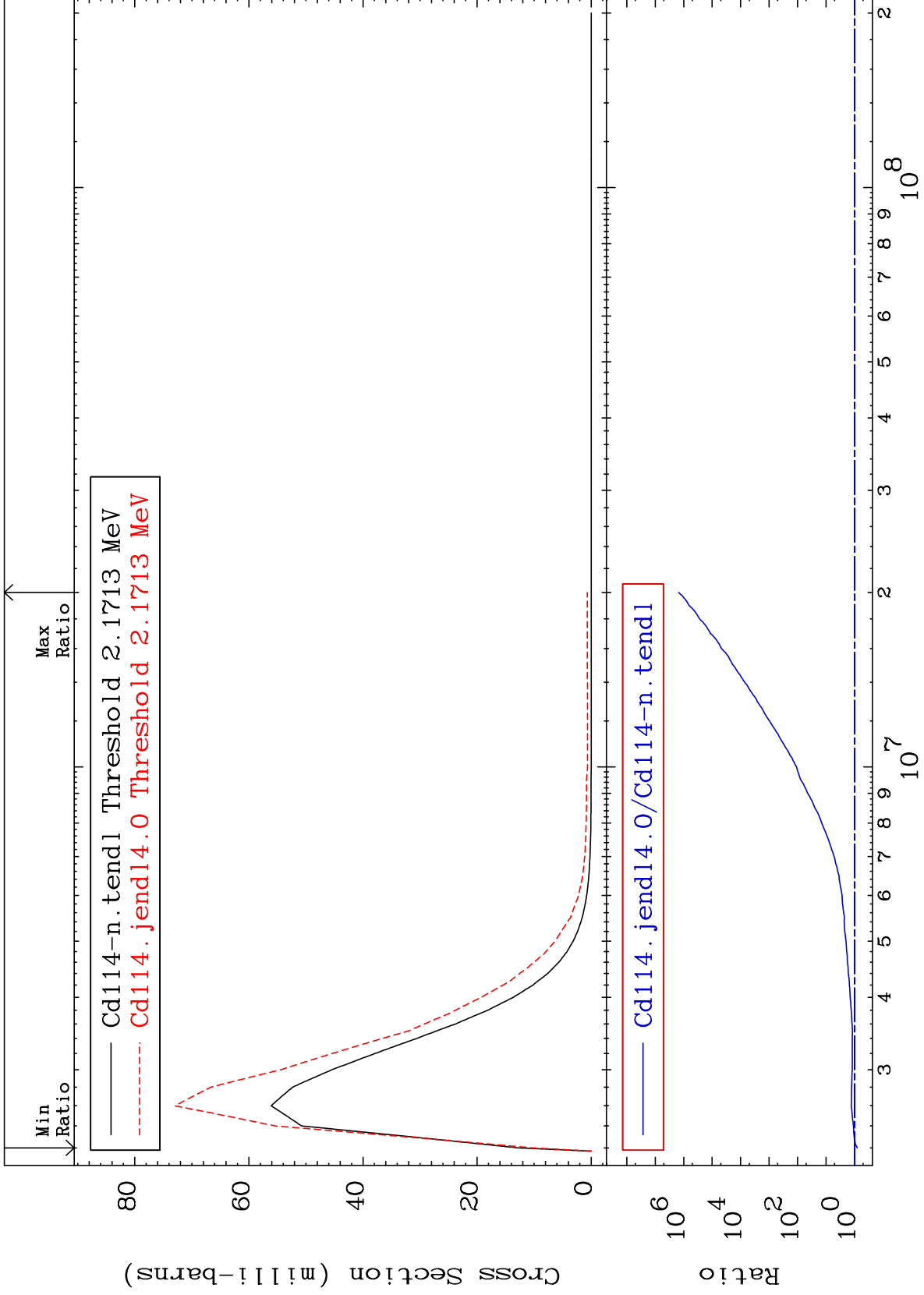
48-Cd-114
-68.81 To 34.62 %



MAT 4849

2.152 MeV (n,n') Level
Cross Section

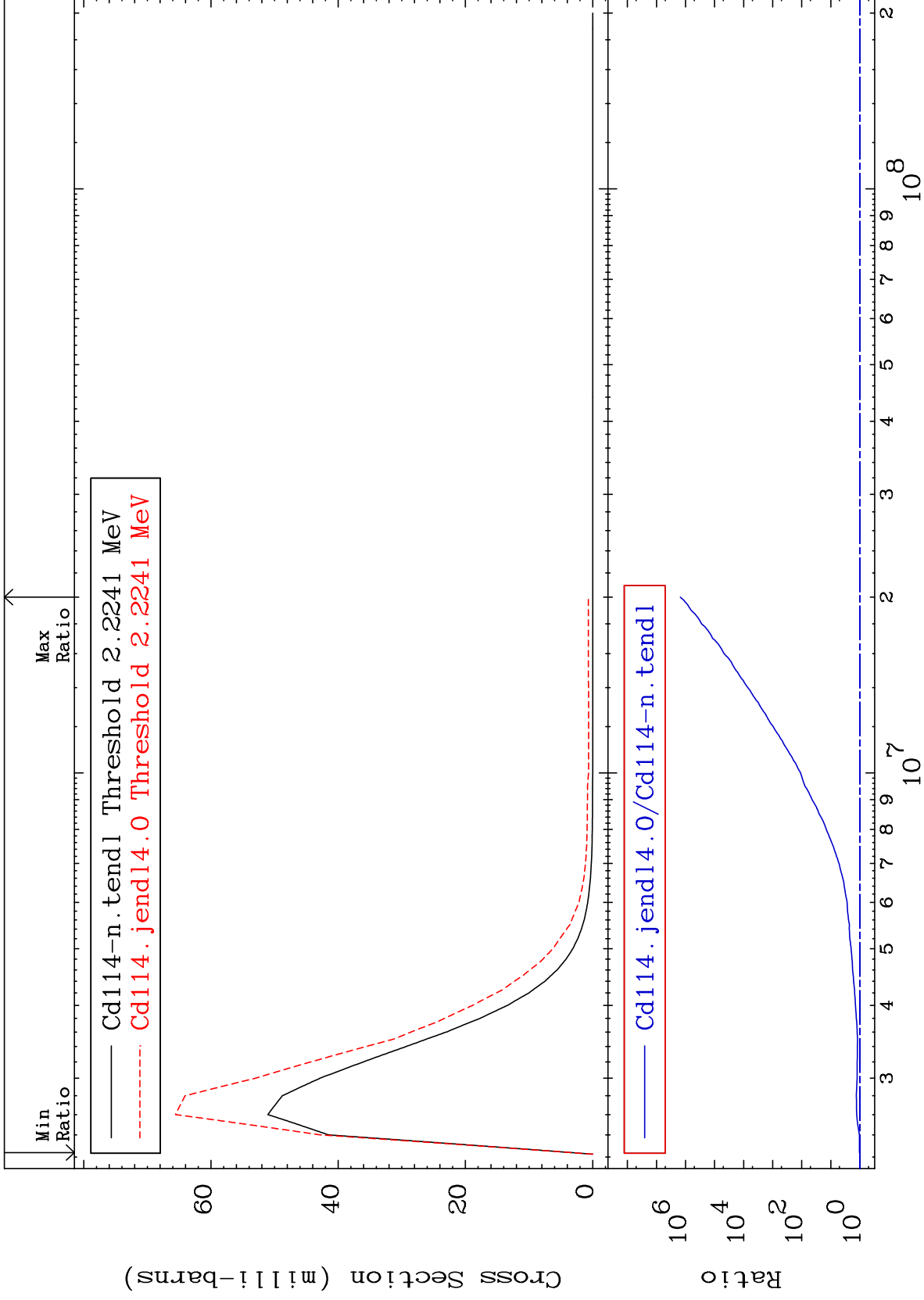
48-Cd-114
-19.82 To 9999. %



MAT 4849

2.205 MeV (n,n') Level
Cross Section

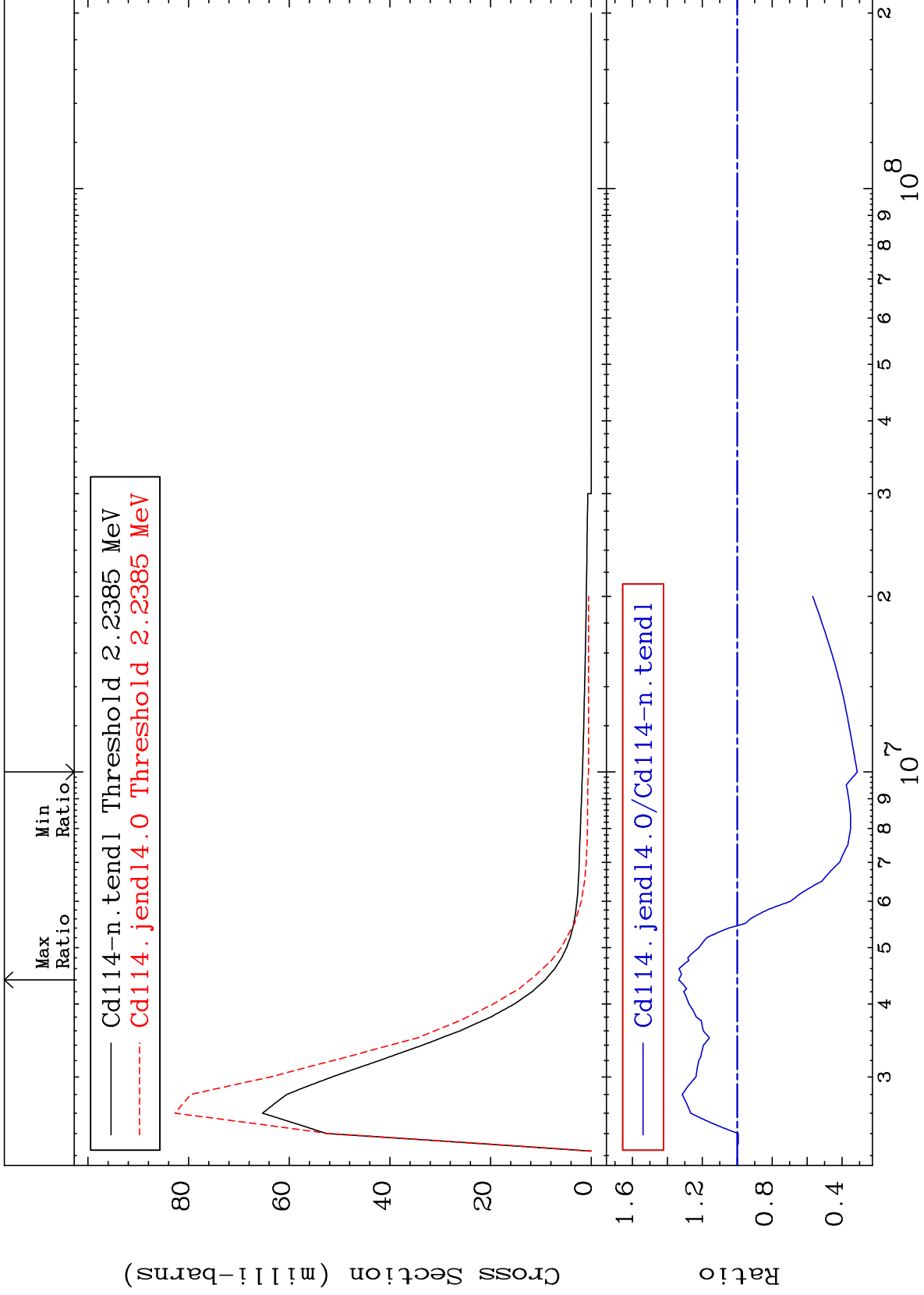
48-Cd-114
3.018 To 9999. %



MAT 4849

2.219 MeV (n,n') Level
Cross Section

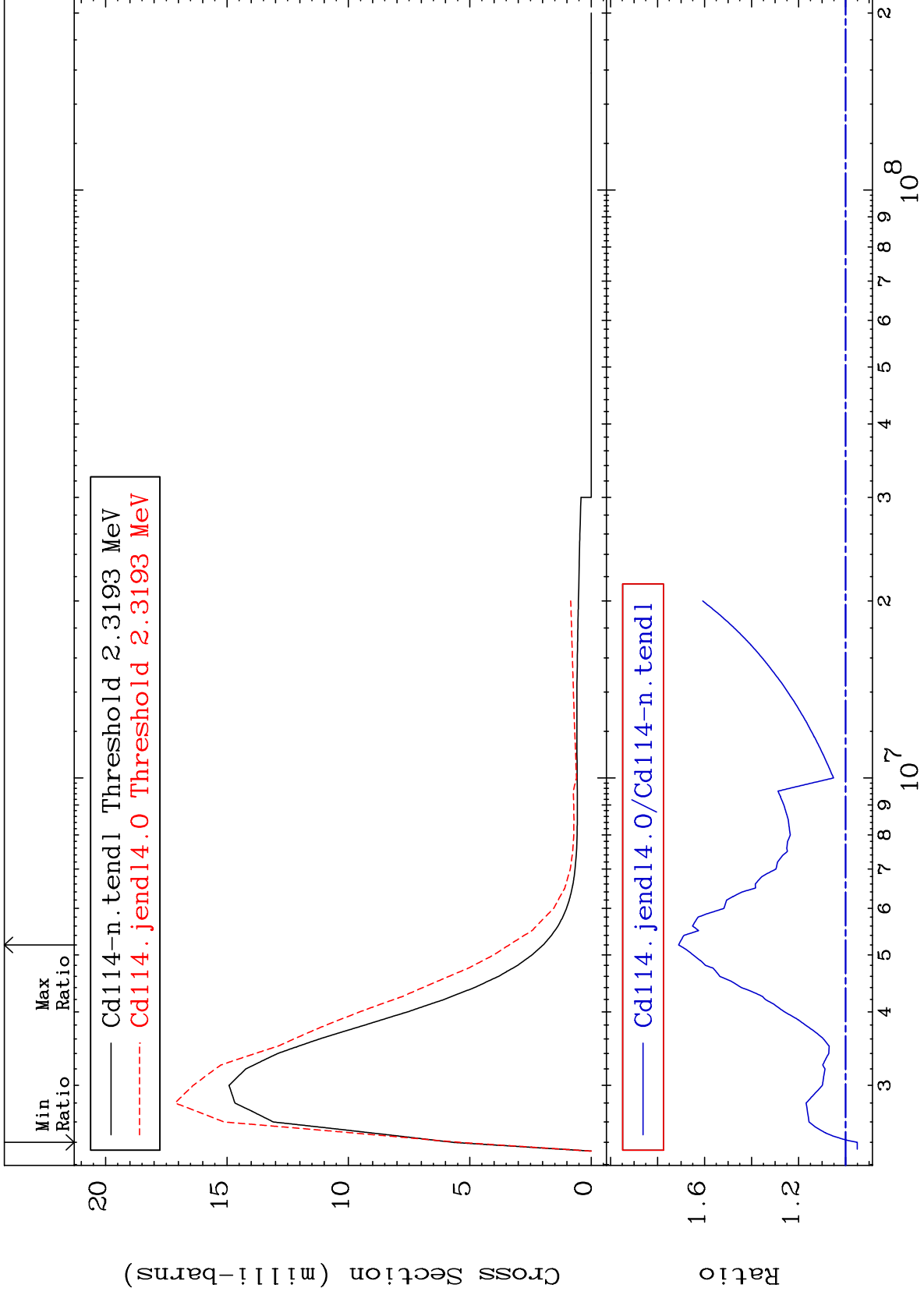
48-Cd-114
-68.69 To 33.52 %



MAT 4849

2.299 MeV (n,n') Level
Cross Section

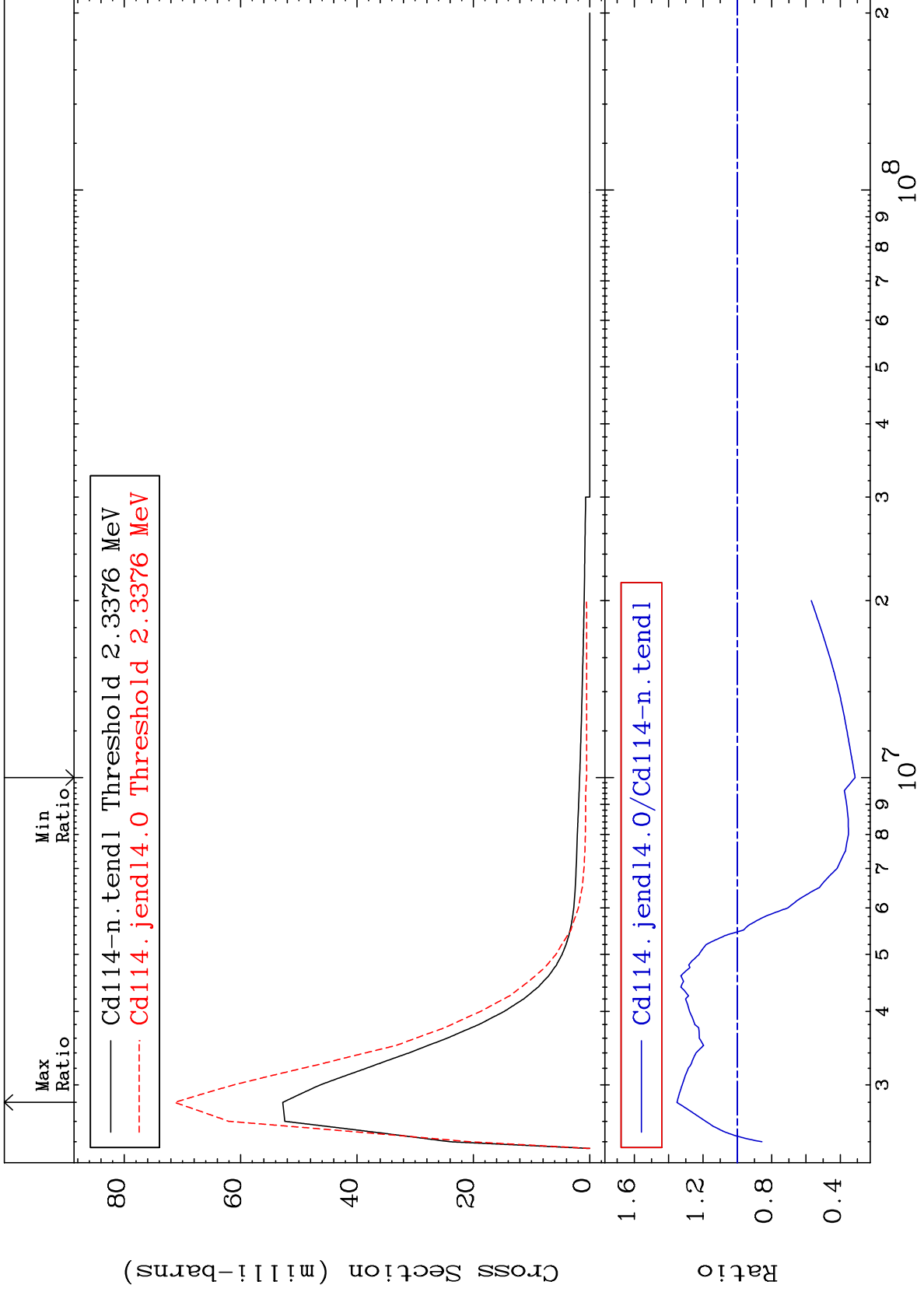
48-Cd-114
-4.933 To 71.02 %



MAT 4849

2.317 MeV (n,n') Level
Cross Section

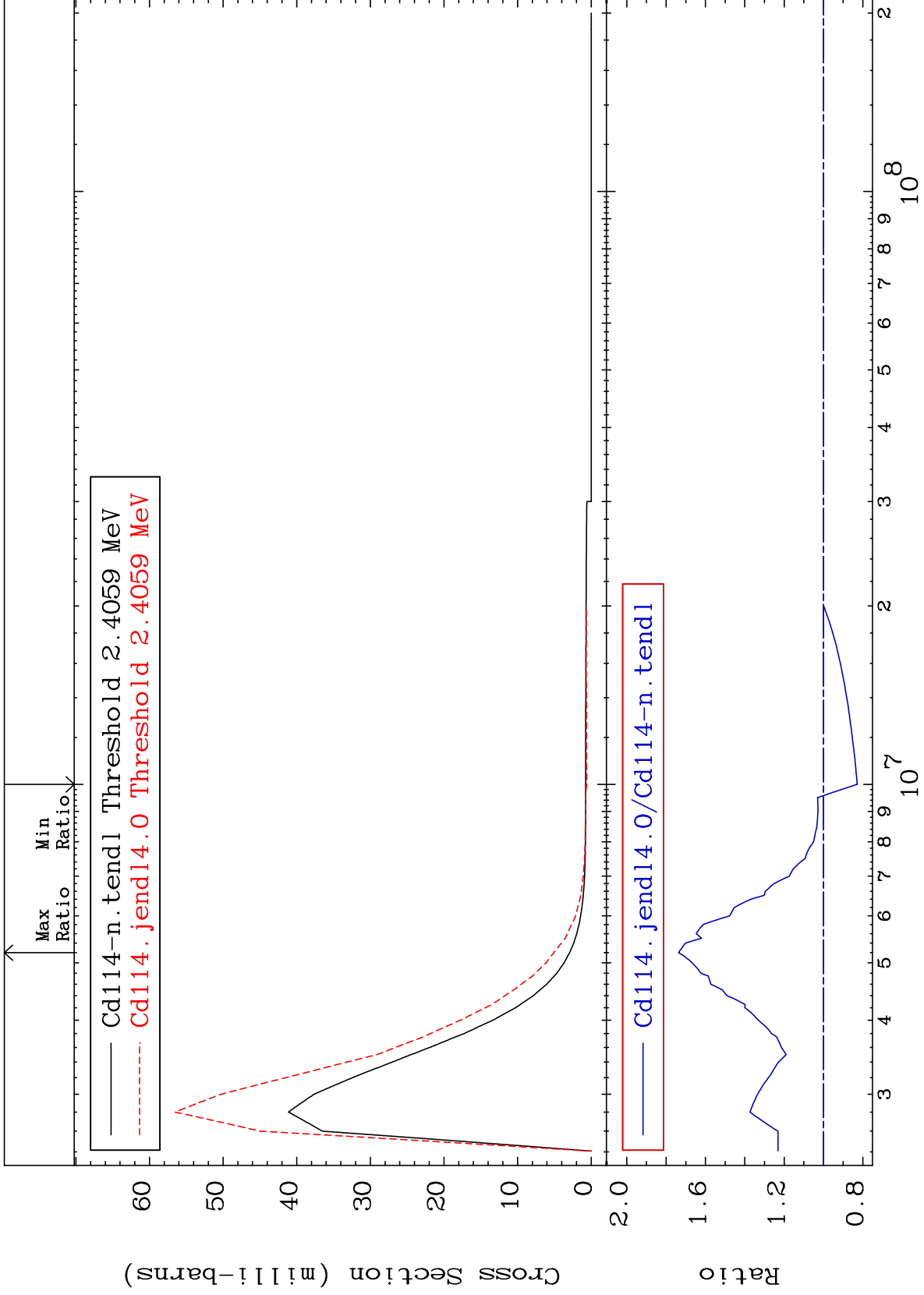
48-Cd-114
-68.61 To 35.19 %



MAT 4849

2.385 MeV (n,n') Level
Cross Section

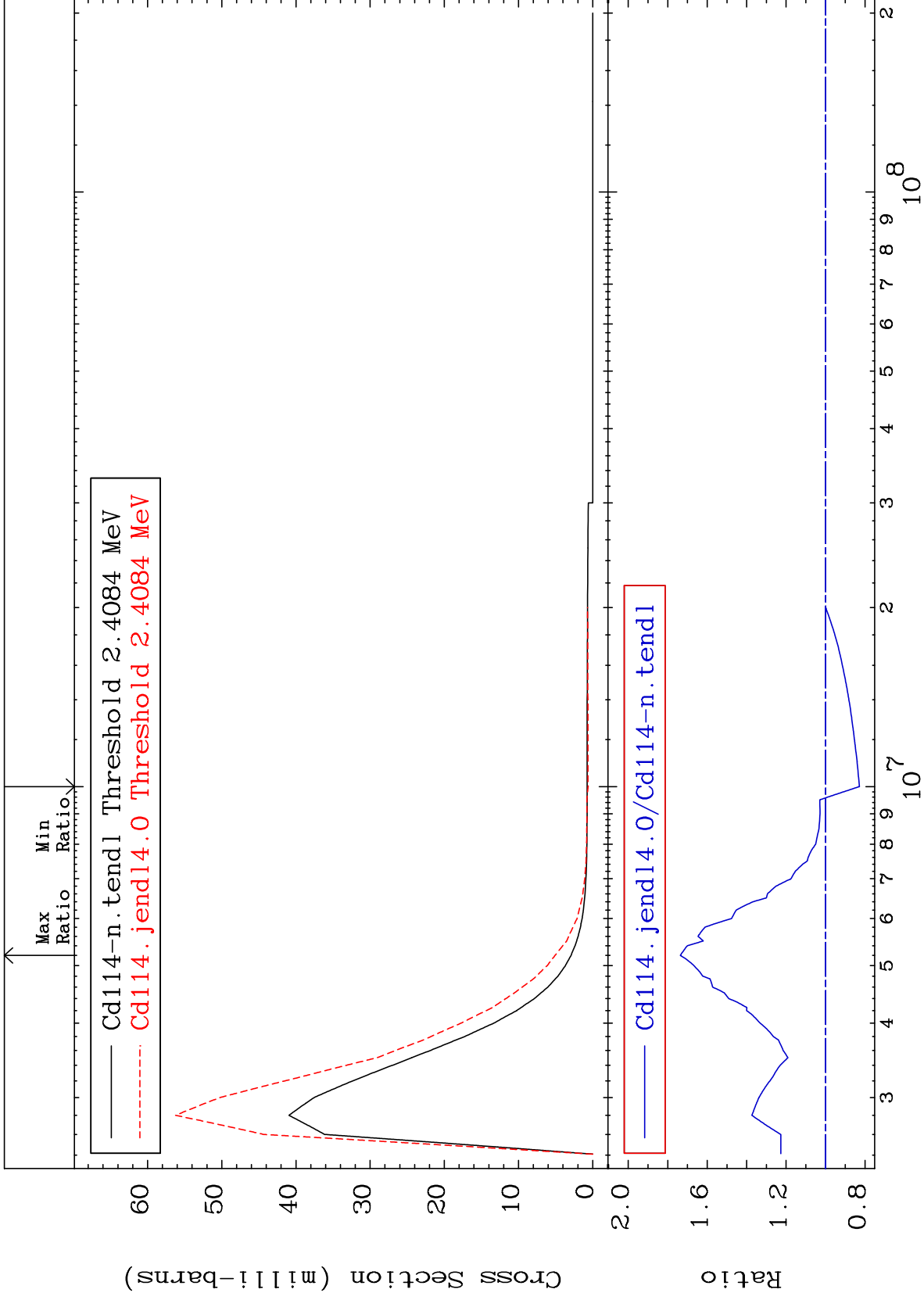
48-Cd-114
-17.14 To 73.64 %



MAT 4849

2.387 MeV (n,n') Level
Cross Section

48-Cd-114
-17.15 To 73.60 %



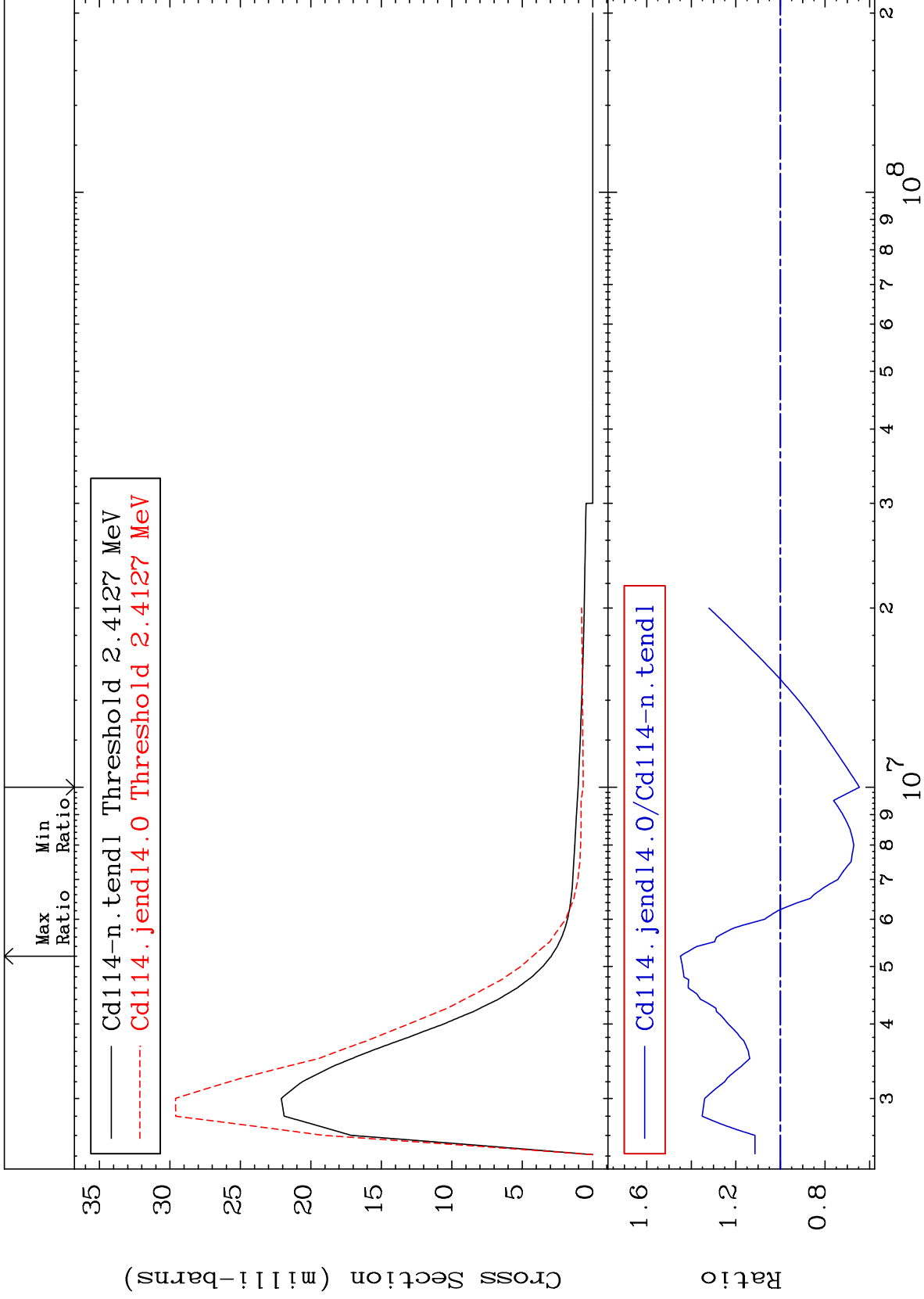
30

48-Cd-114

MAT 4849

2.391 MeV (n,n') Level
Cross Section

48-Cd-114
-35.42 To 44.89 %



31

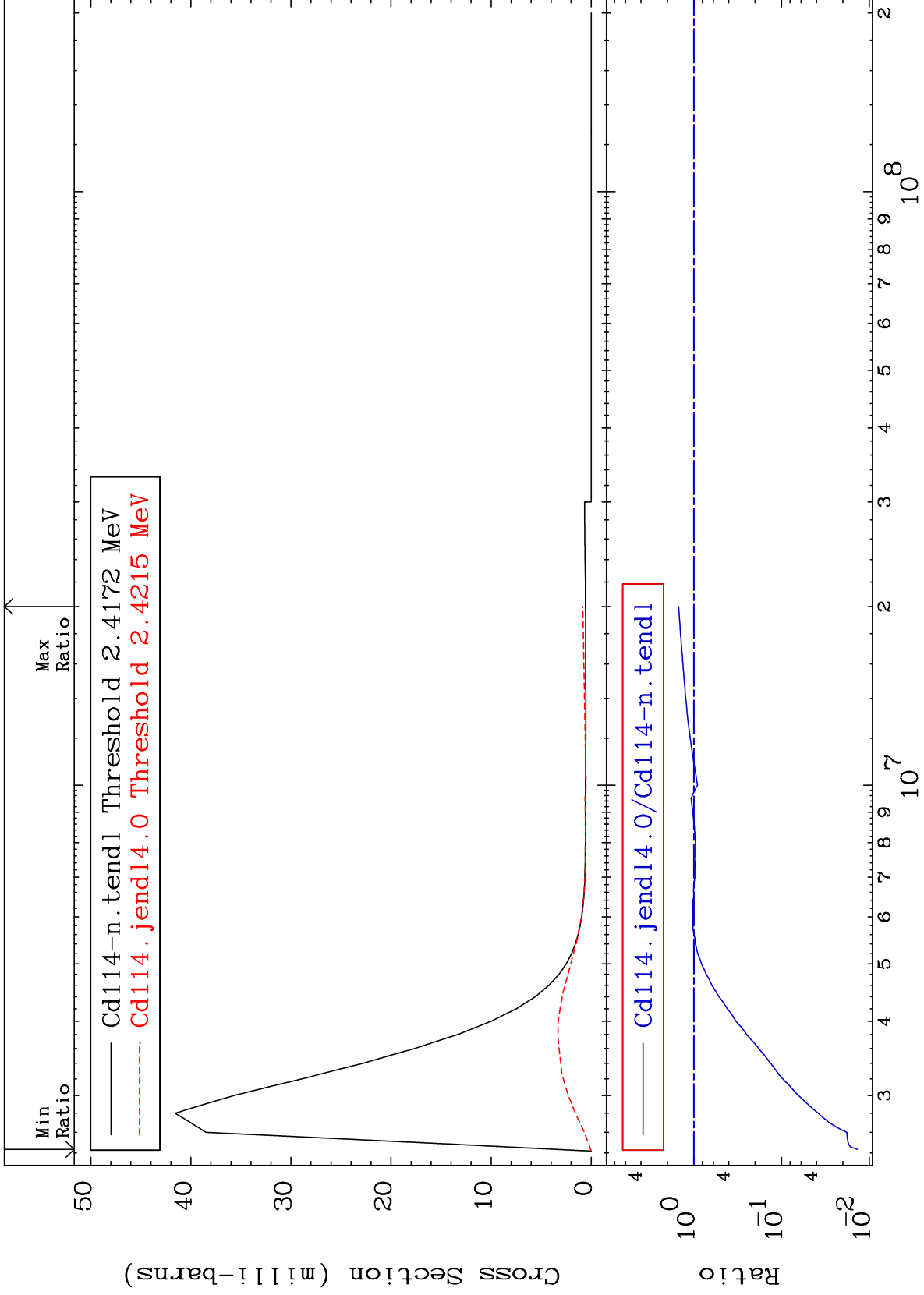
Incident Energy (eV)

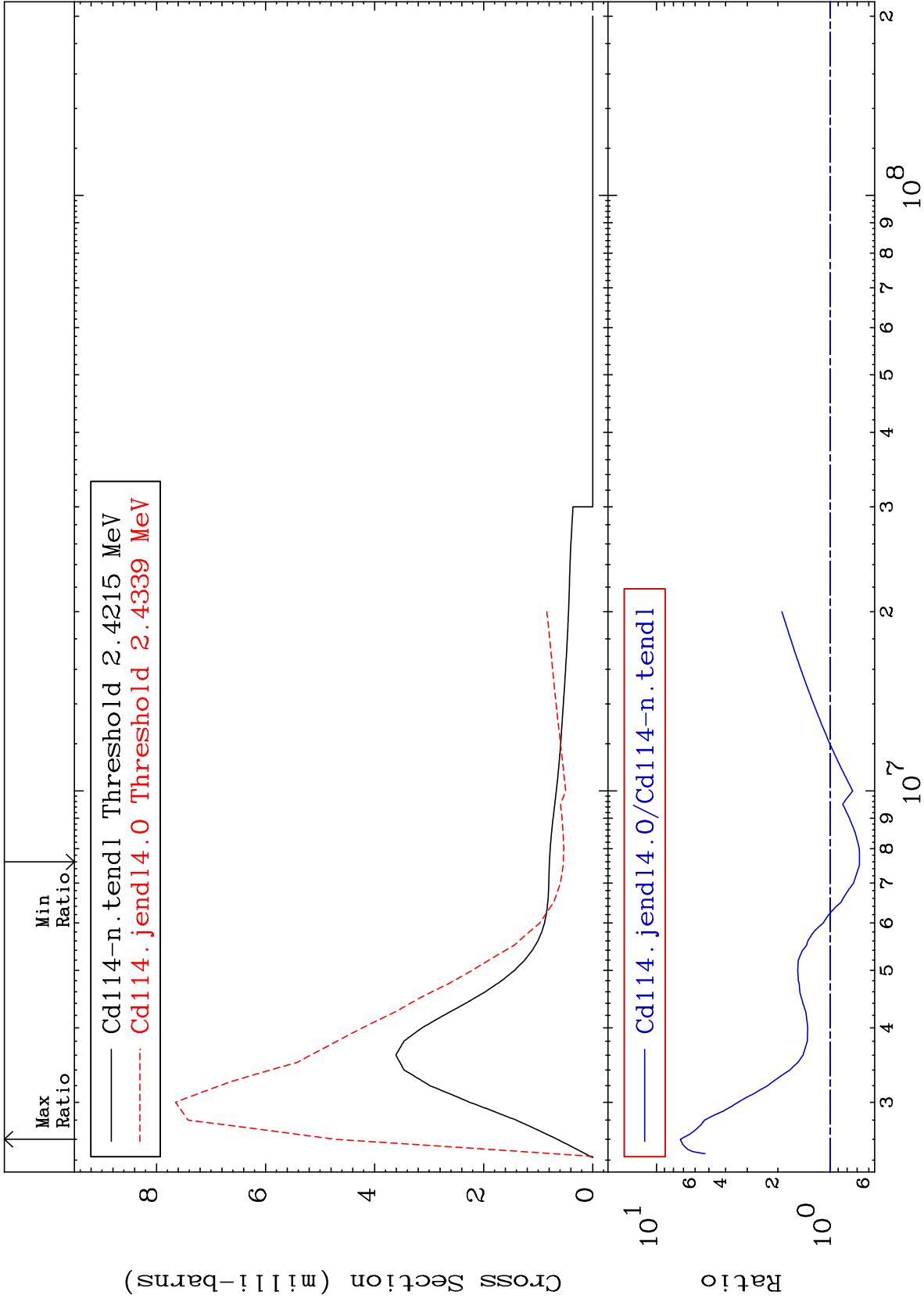
48-Cd-114

MAT 4849

2.396 MeV (n,n') Level
Cross Section

48-Cd-114
-98.63 To 48.86 %

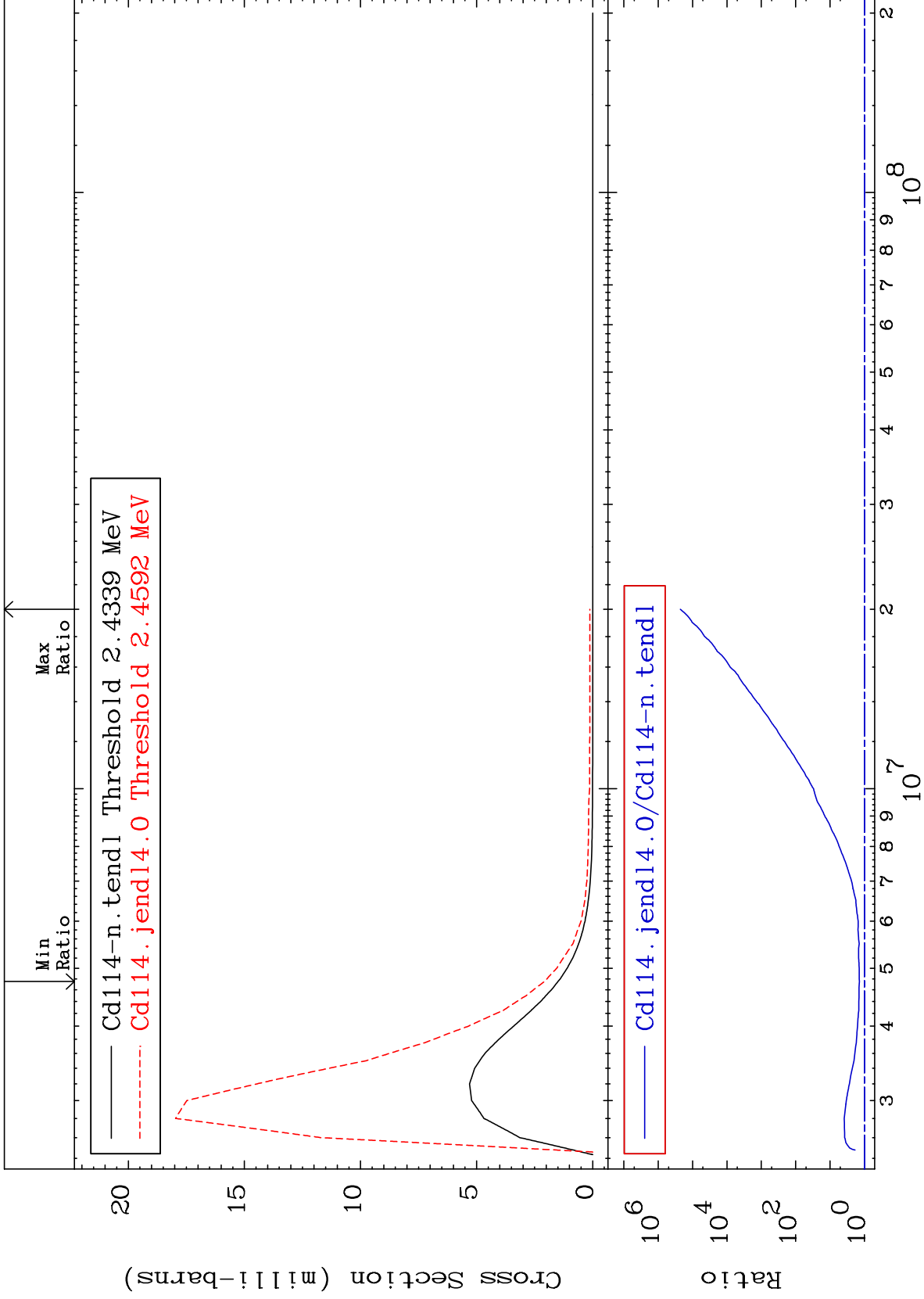




MAT 4849

2.413 MeV (n,n') Level
Cross Section

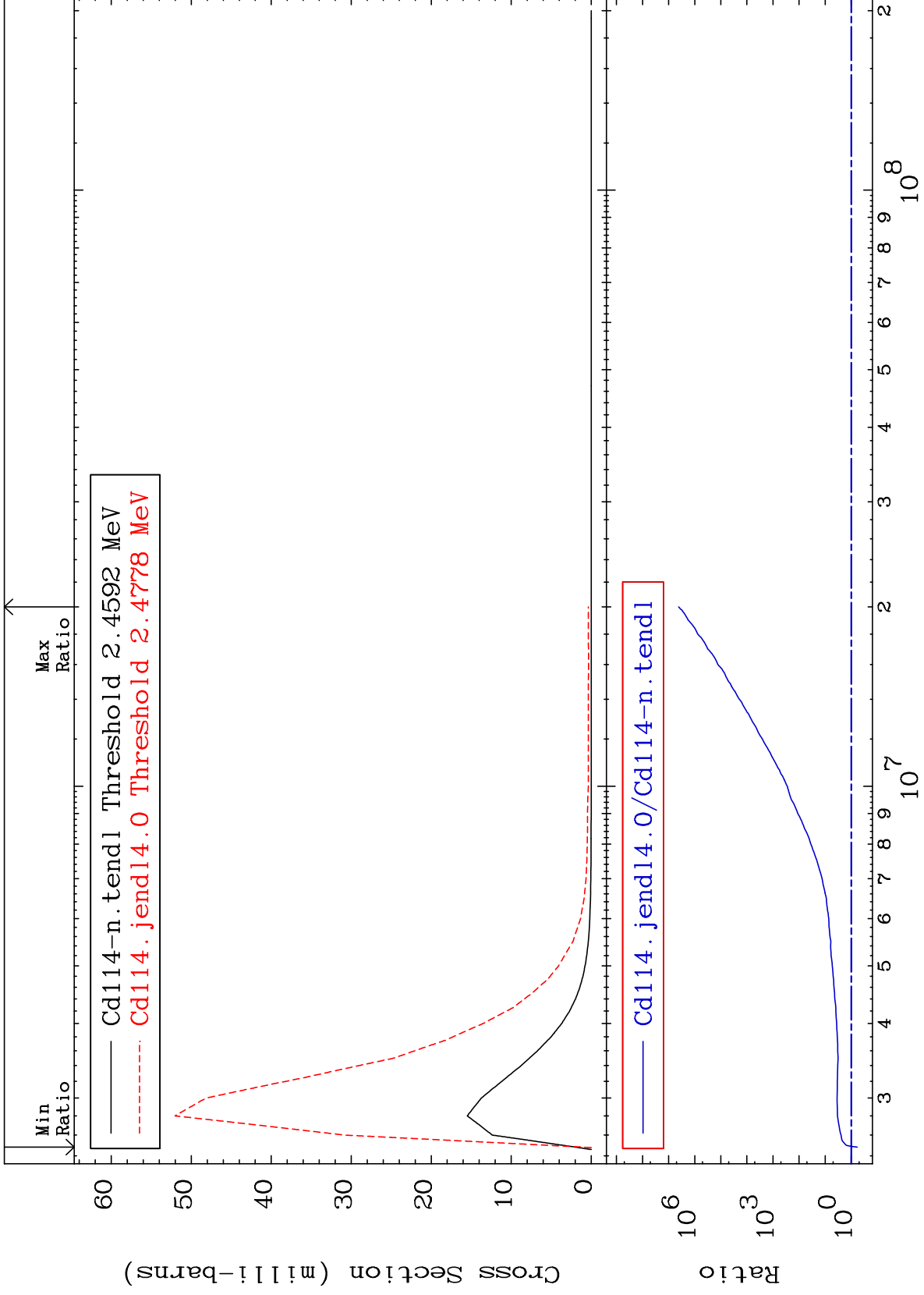
48-Cd-114
39.07 To 9999. %



MAT 4849

2.438 MeV (n,n') Level
Cross Section

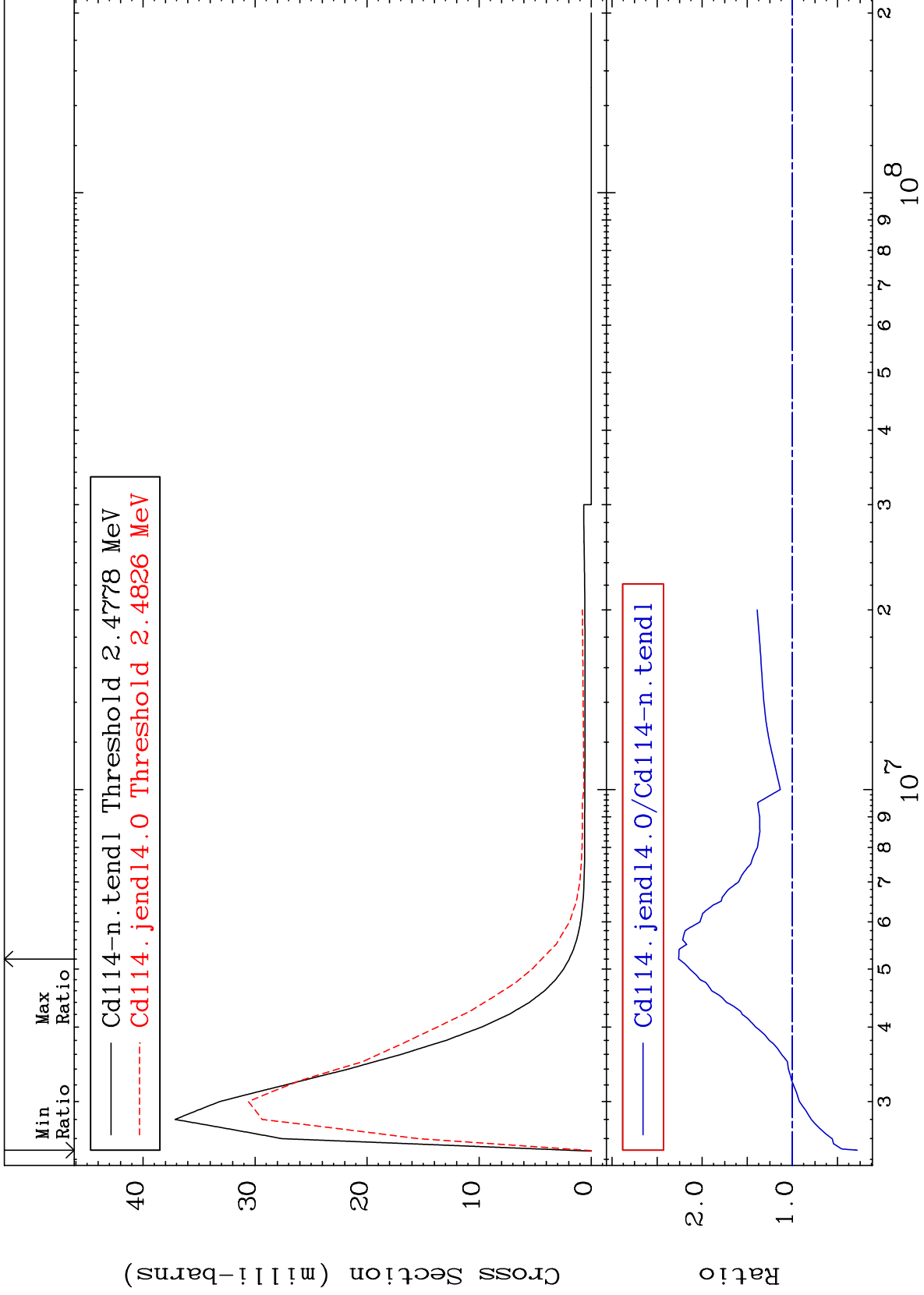
48-Cd-114
-40.92 To 9999. %



MAT 4849

2.456 MeV (n,n') Level
Cross Section

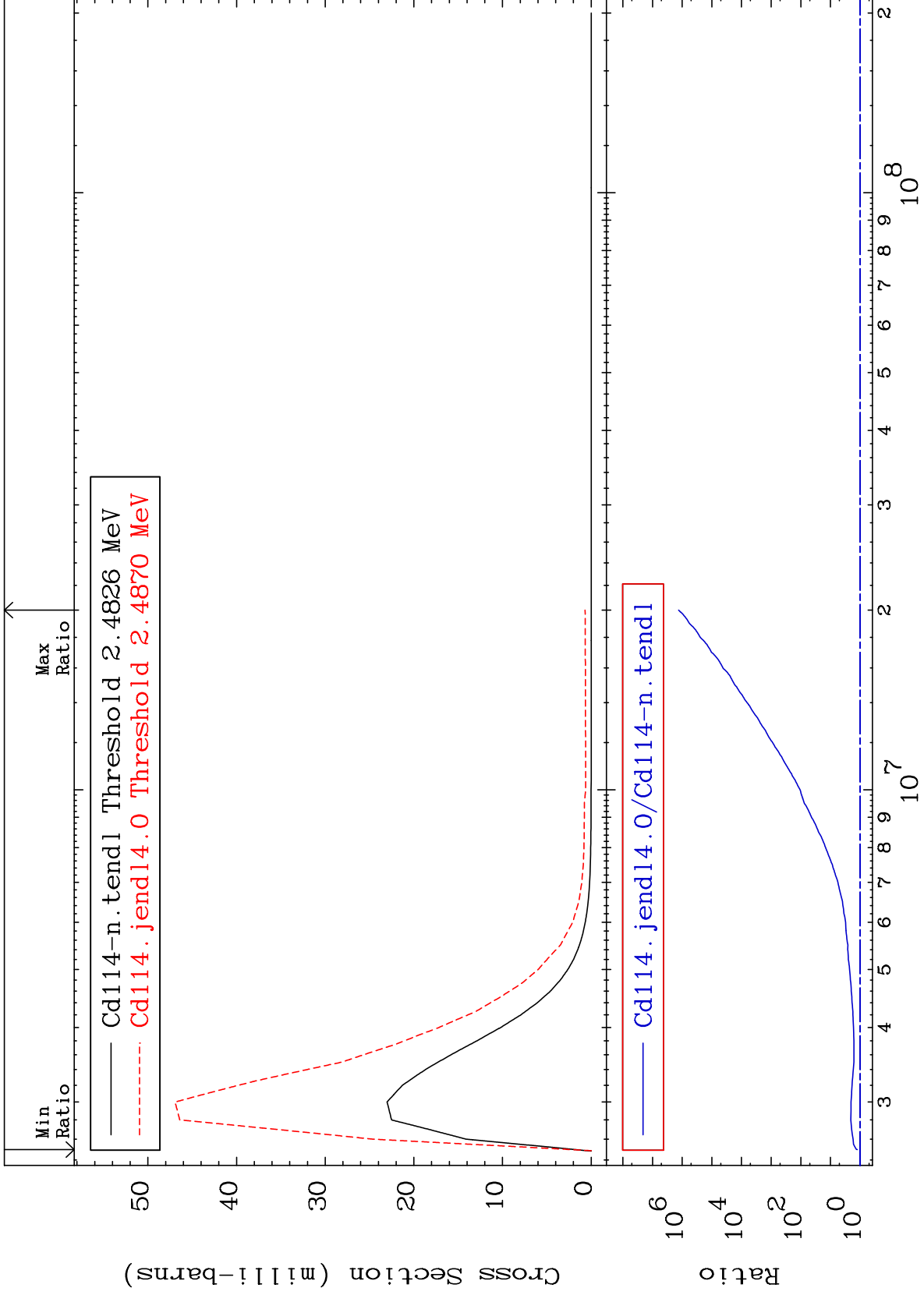
48-Cd-114
-71.89 To 126.1 %



MAT 4849

2.461 MeV (n,n') Level
Cross Section

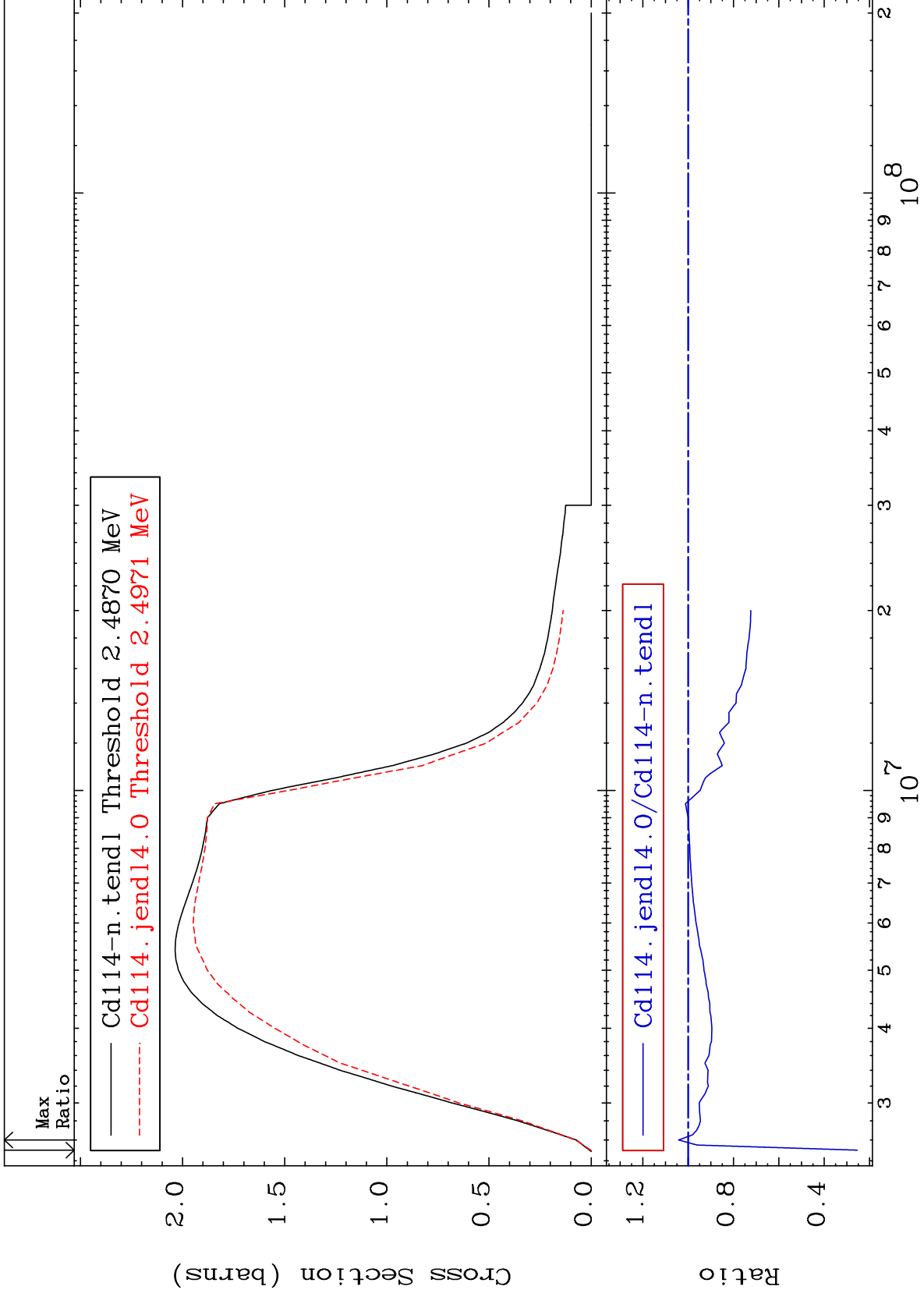
48-Cd-114
25.59 To 9999. %



MAT 4849

(n, n') Continuum
Cross Section

48-Cd-114
-74.59 To 4.221 %



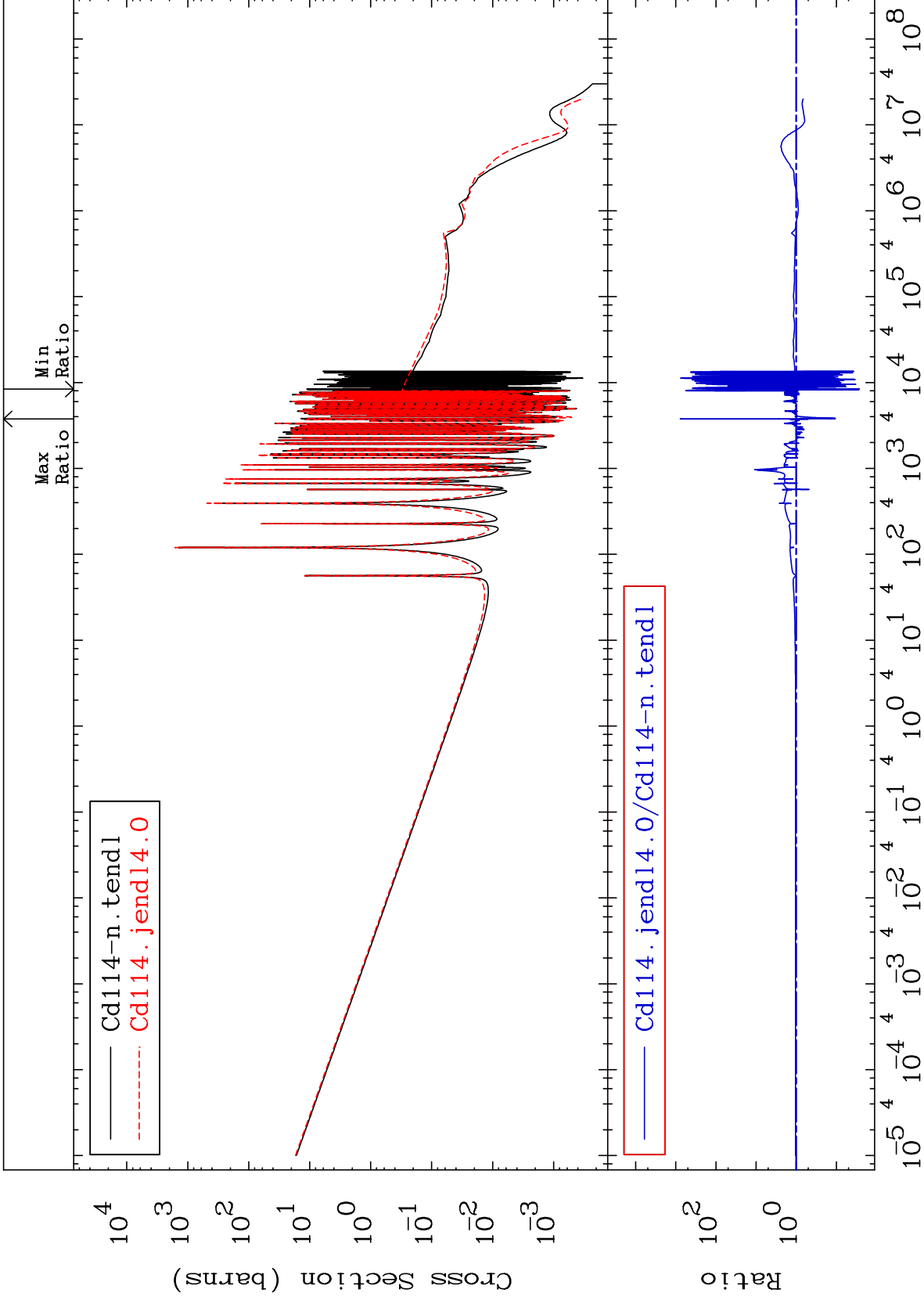
MAT 4849

(n, γ)

48-Cd-114

Cross Section

-97.33 To 9999. %



39

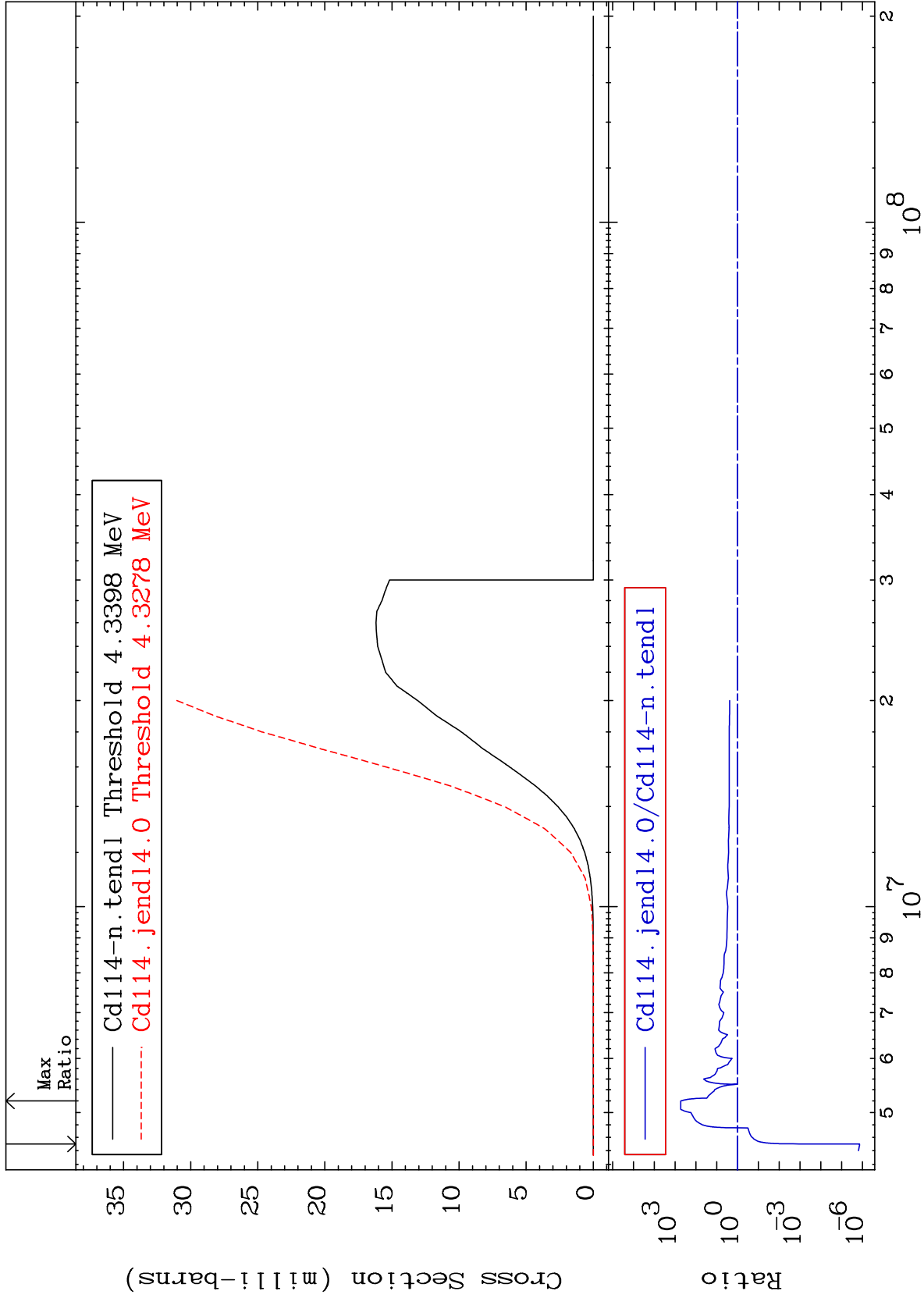
Incident Energy (eV)

48-Cd-114

MAT 4849

(n,p)
Cross Section

48-Cd-114
-100.0 To 9999. %



40

Incident Energy (eV)

48-Cd-114

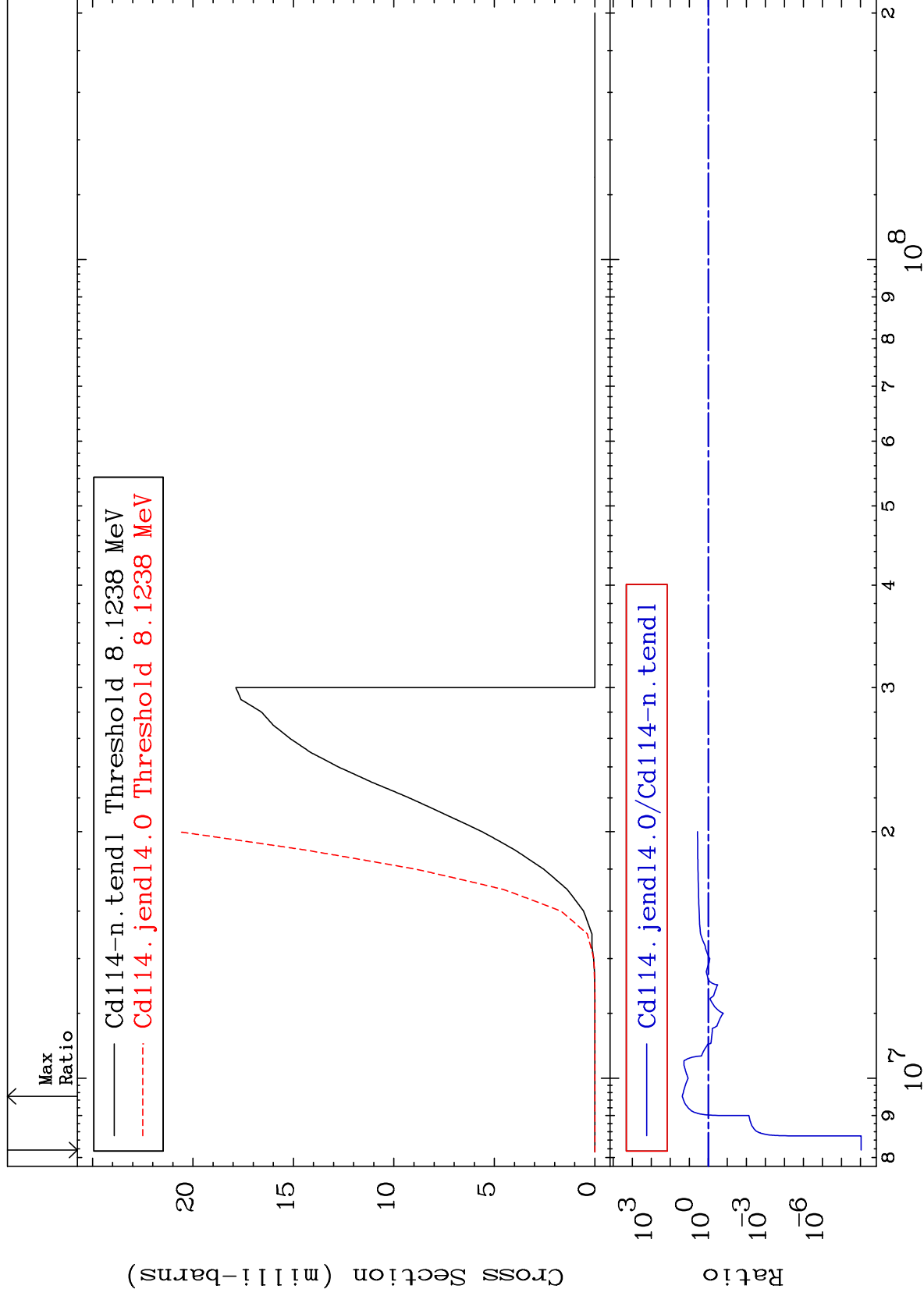
MAT 4849

(n, d)

48-Cd-114

Cross Section

-100.0 To 2224. %



41

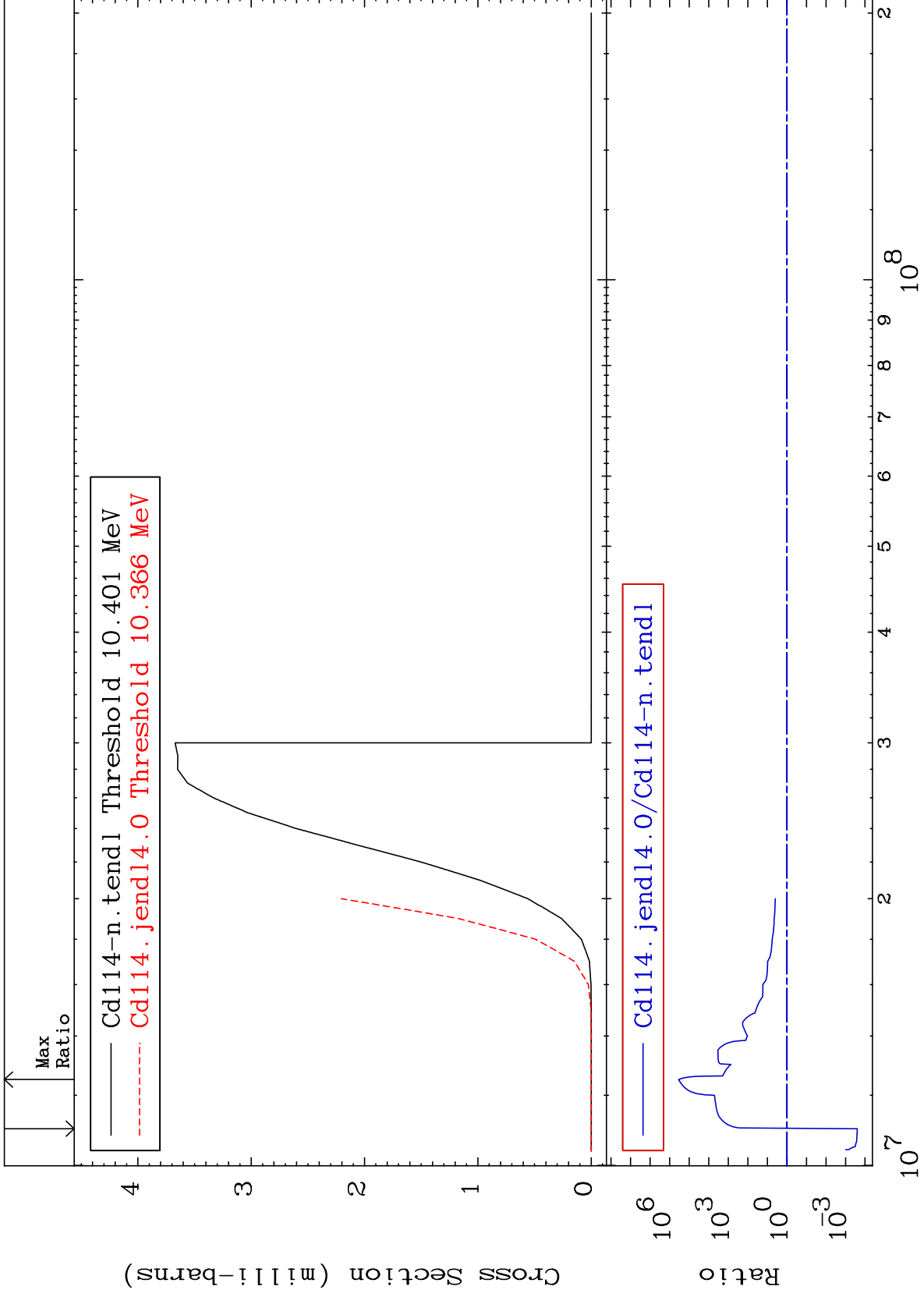
Incident Energy (eV)

48-Cd-114

MAT 4849

(n, t)
Cross Section

48-Cd-114
-99.97 To 9999. %



42

Incident Energy (eV)

48-Cd-114

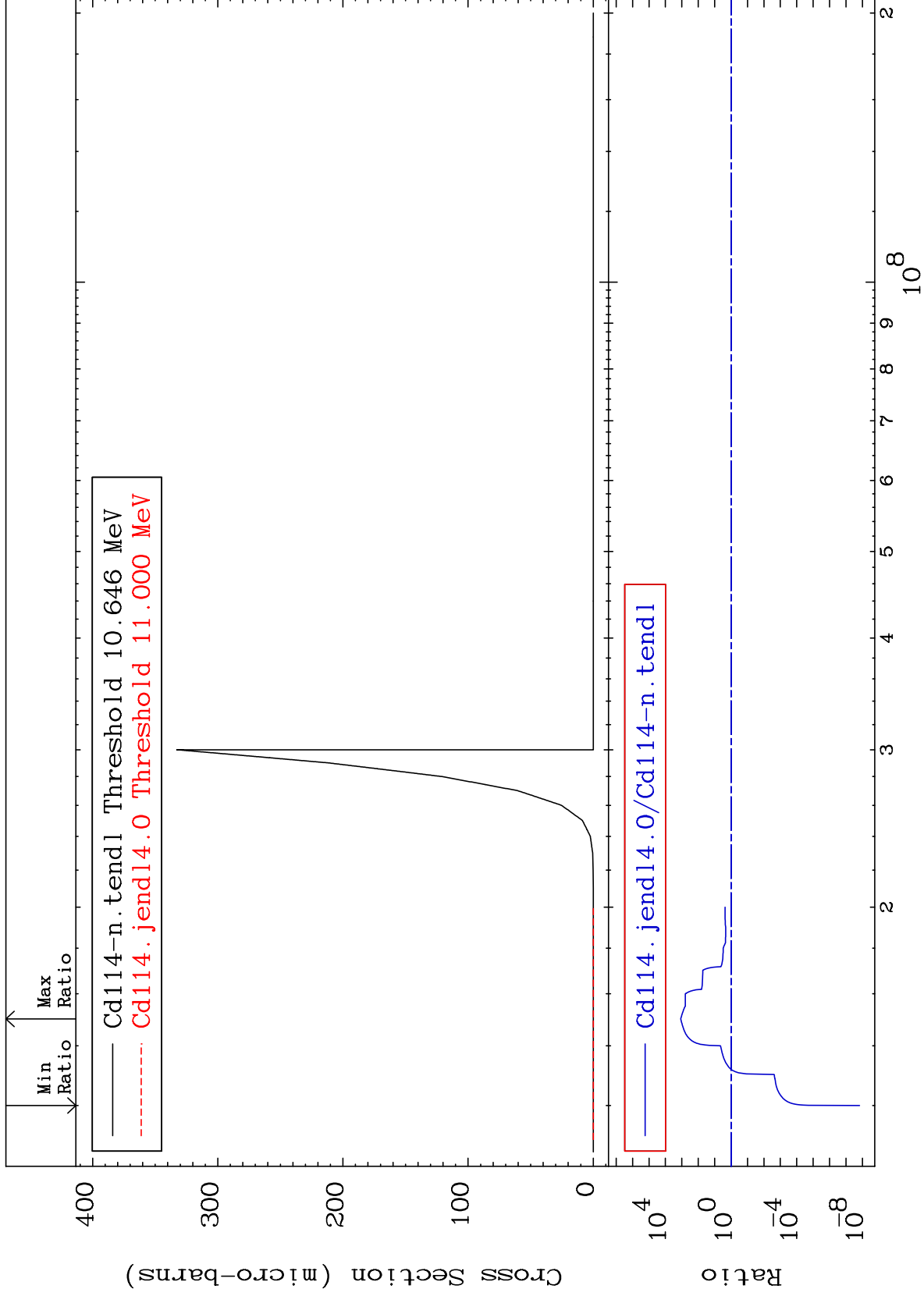
MAT 4849

(n,He-3)

48-Cd-114

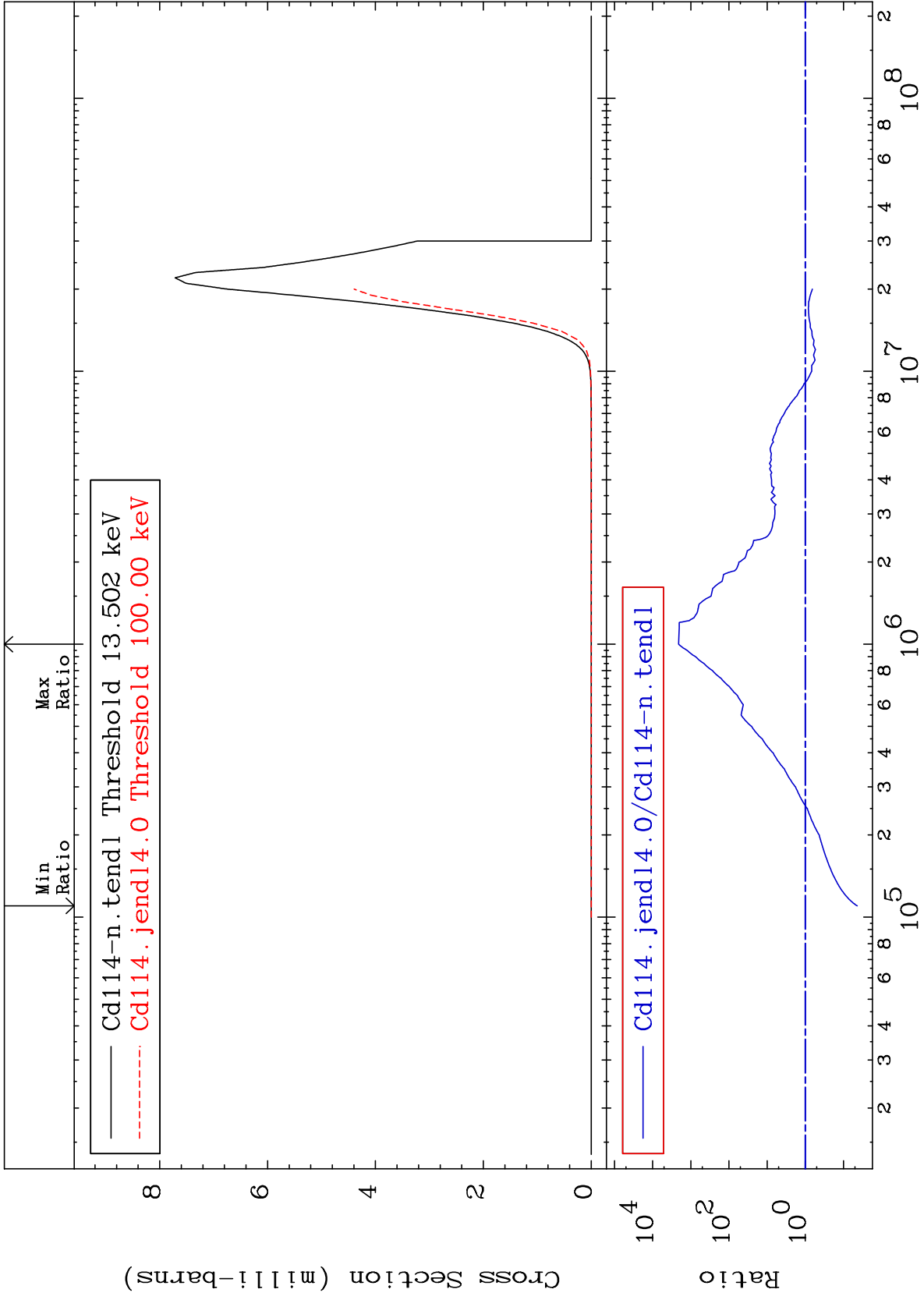
Cross Section

-100.0 To 9999. %



MAT 4849

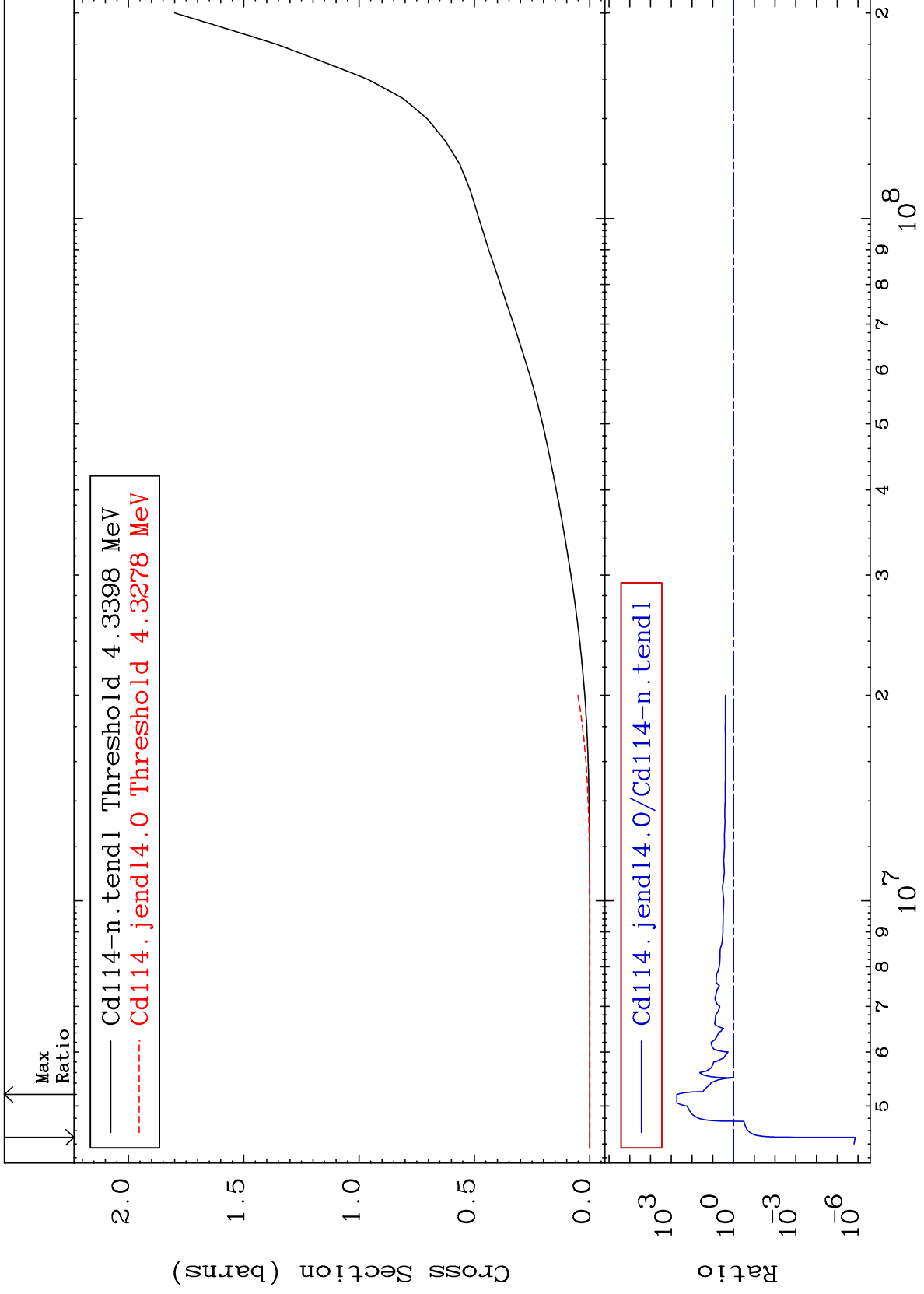
(n, α)
Cross Section
48-Cd-114
-95.66 To 9999. %



MAT 4849

Hydrogen Production
Cross Section

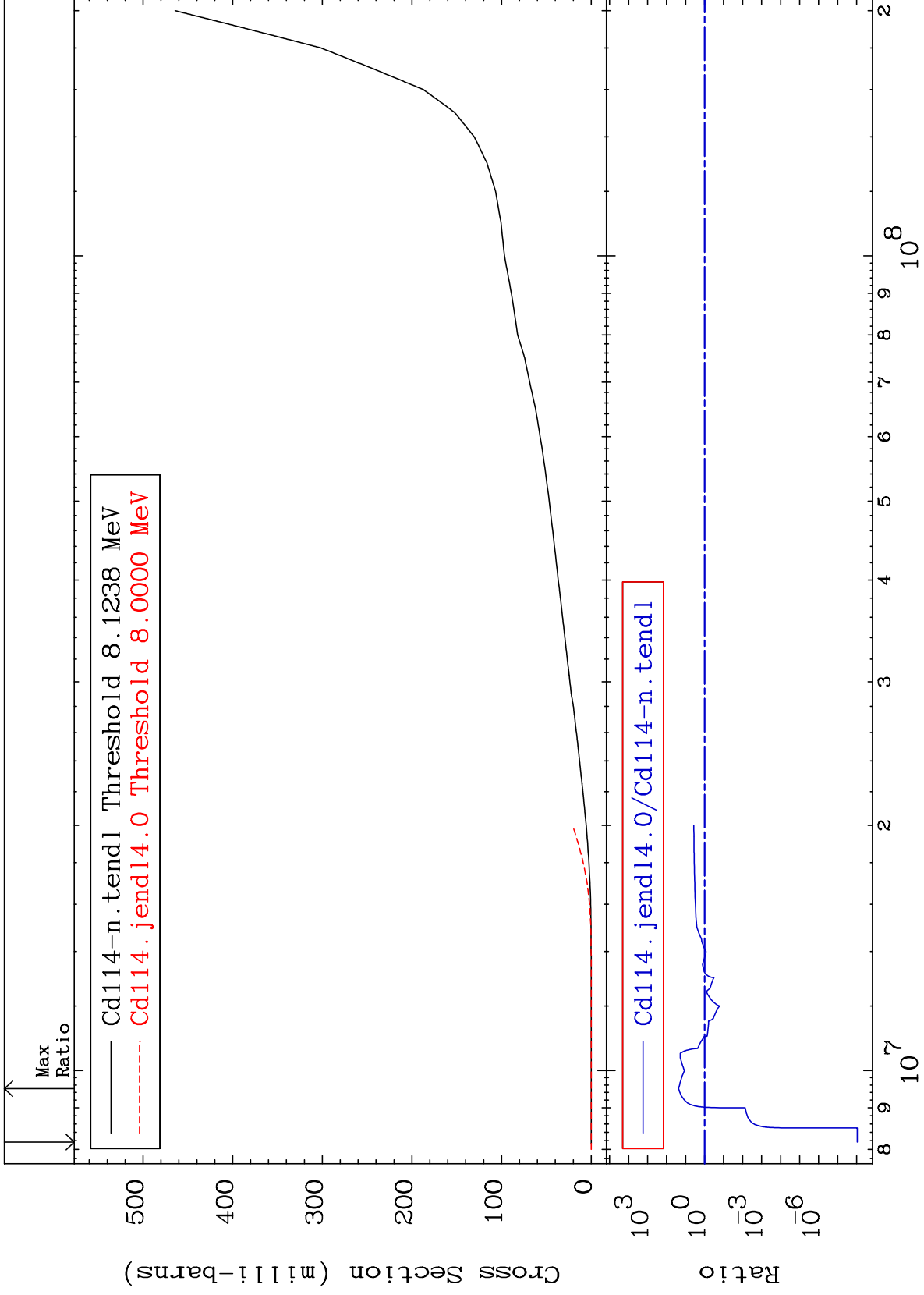
48-Cd-114
-100.0 To 9999. %



MAT 4849

Deuterium Production
Cross Section

48-Cd-114
-100.0 To 2224. %



46

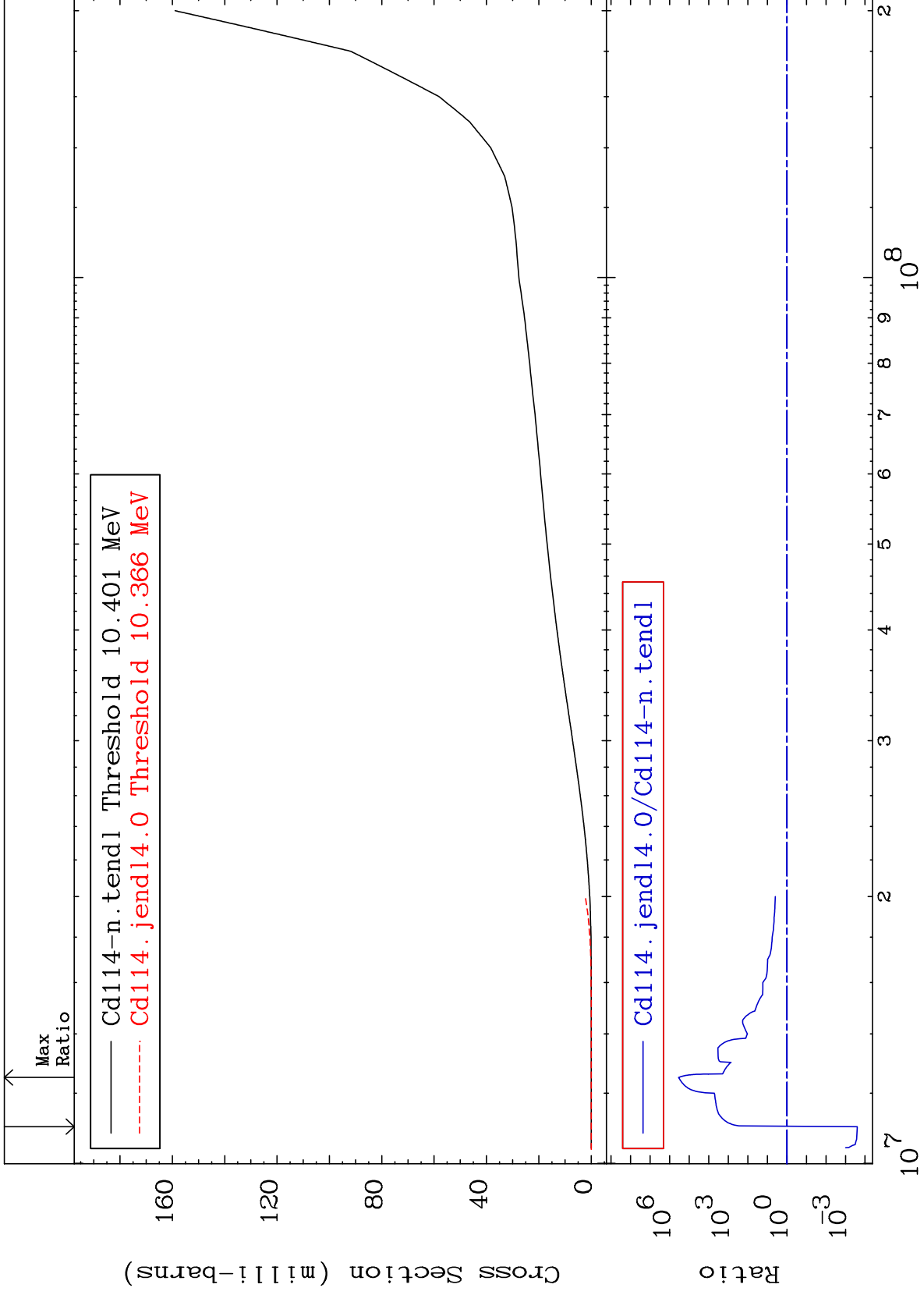
Incident Energy (eV)

48-Cd-114

MAT 4849

Tritium Production
Cross Section

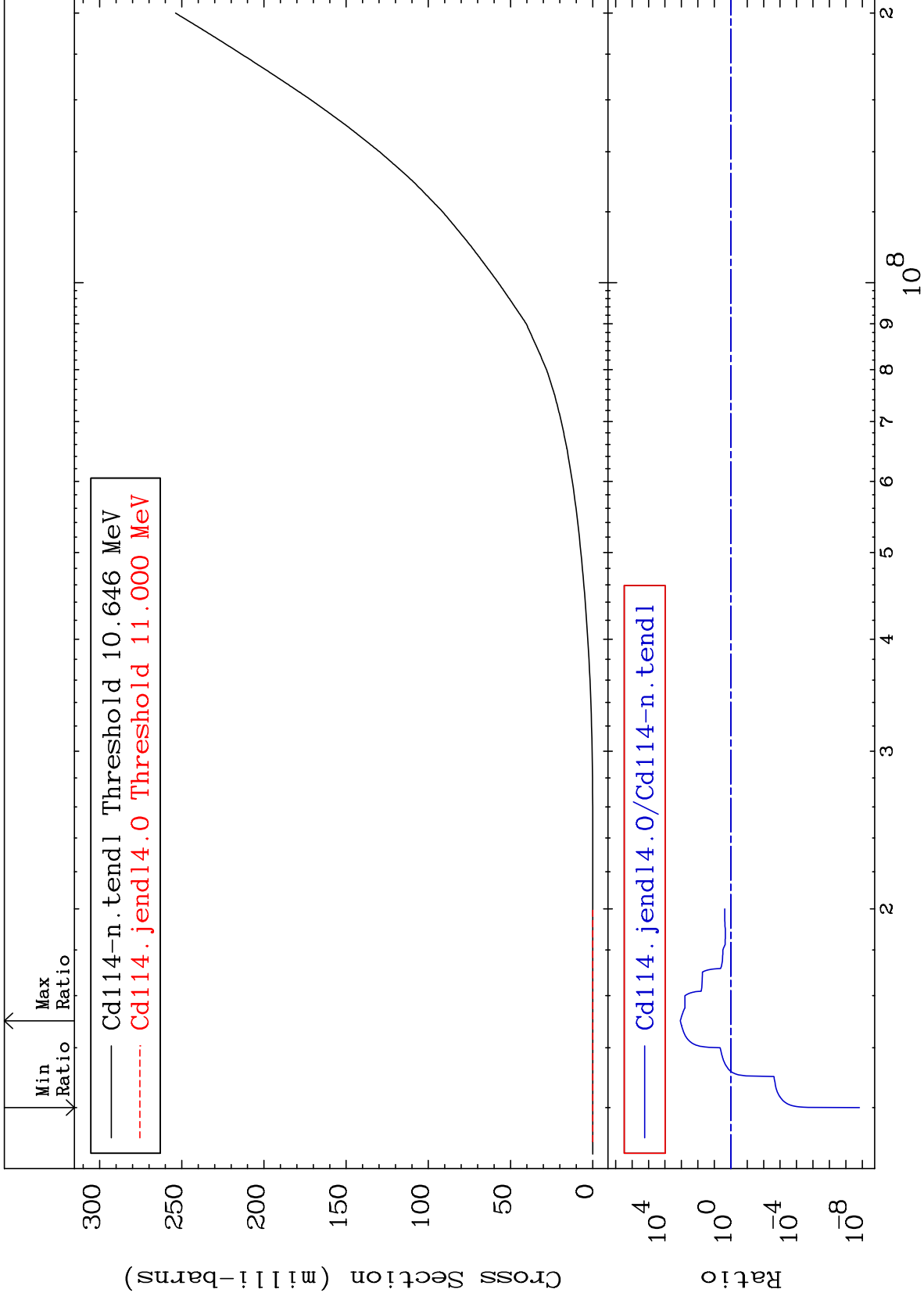
48-Cd-114
-99.97 To 9999. %



MAT 4849

He-3 Production
Cross Section

48-Cd-114
-100.0 To 9999. %



48

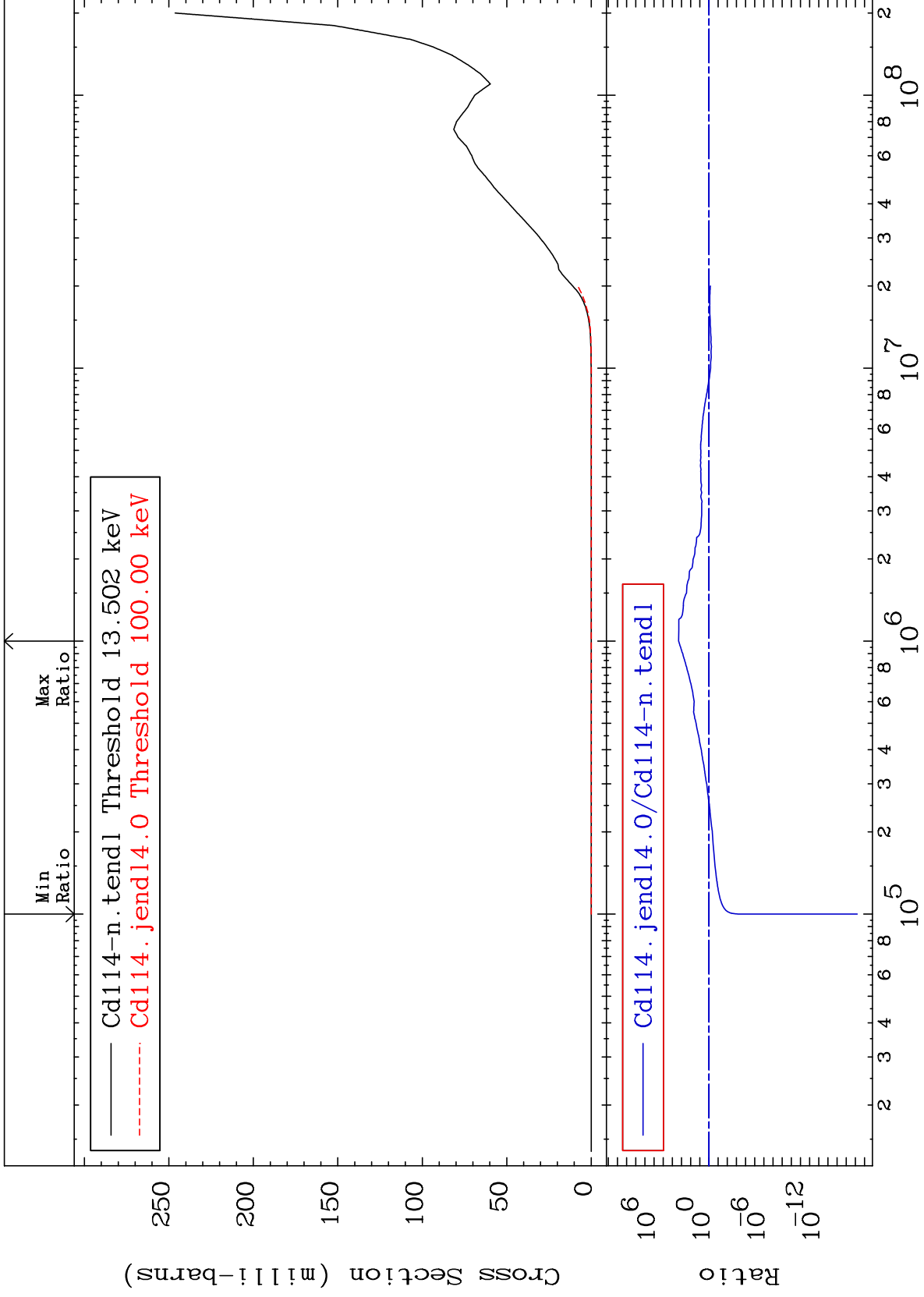
Incident Energy (eV)

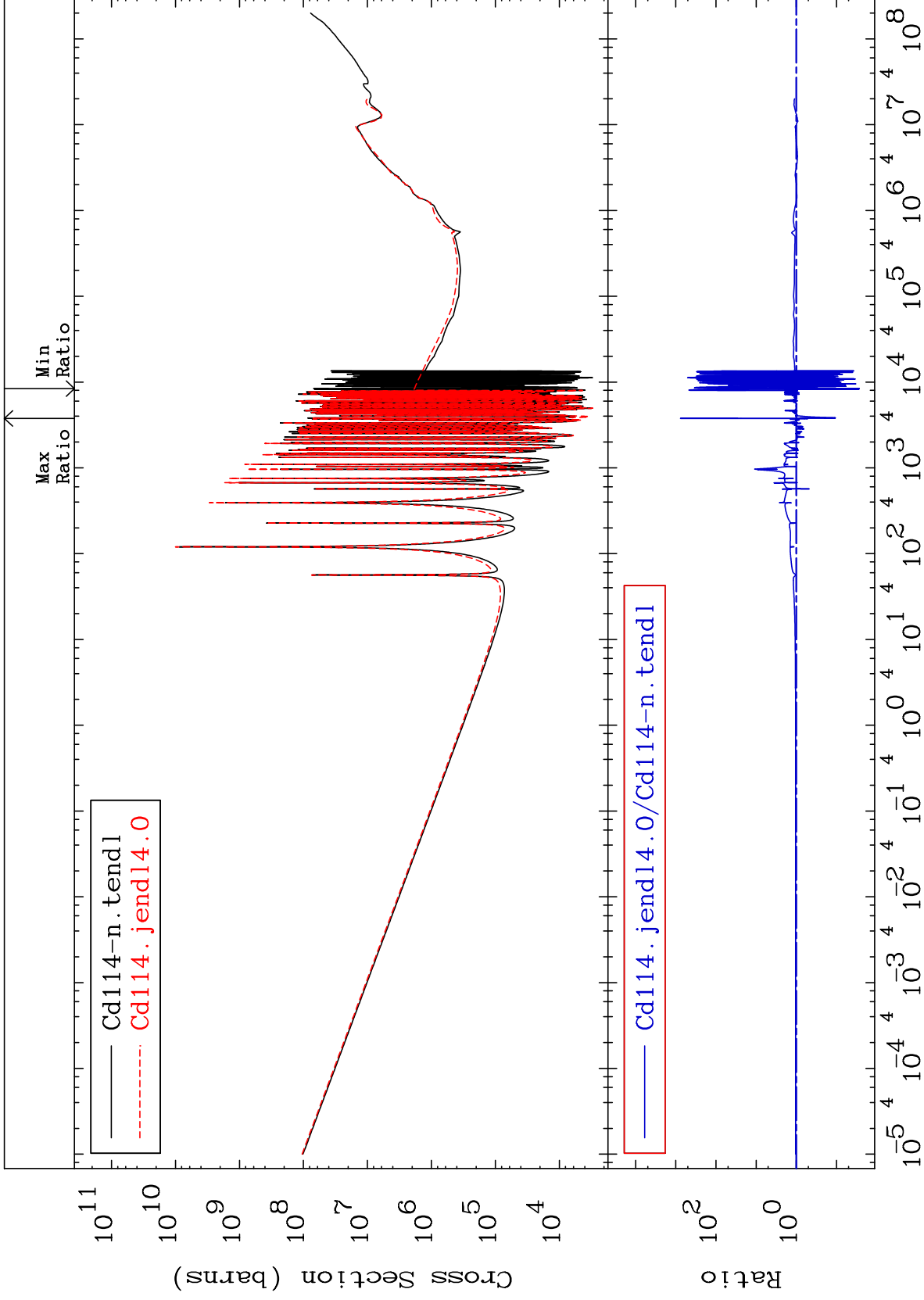
48-Cd-114

MAT 4849

He-4 Production
Cross Section

48-Cd-114
-100.0 To 9999. %

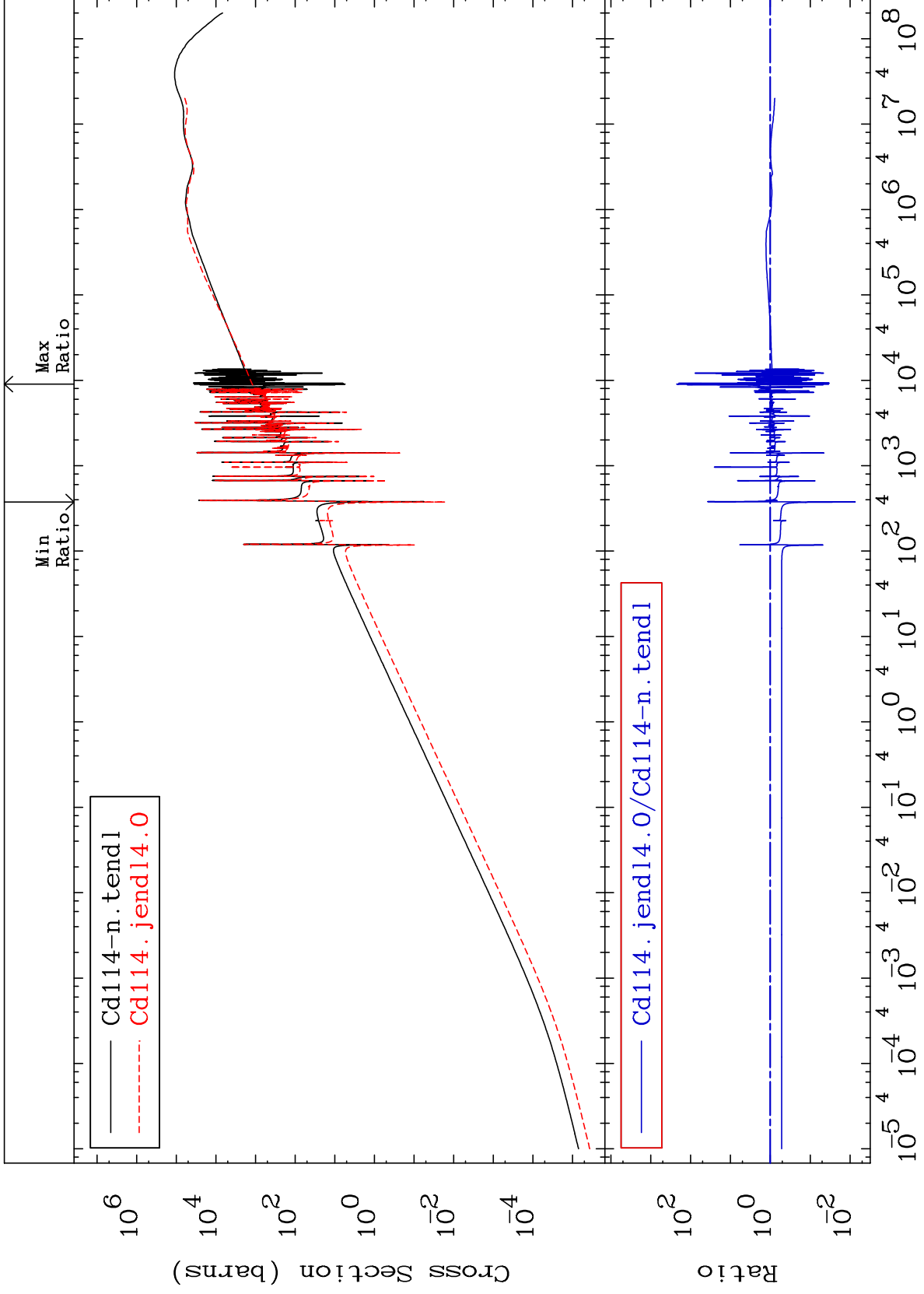


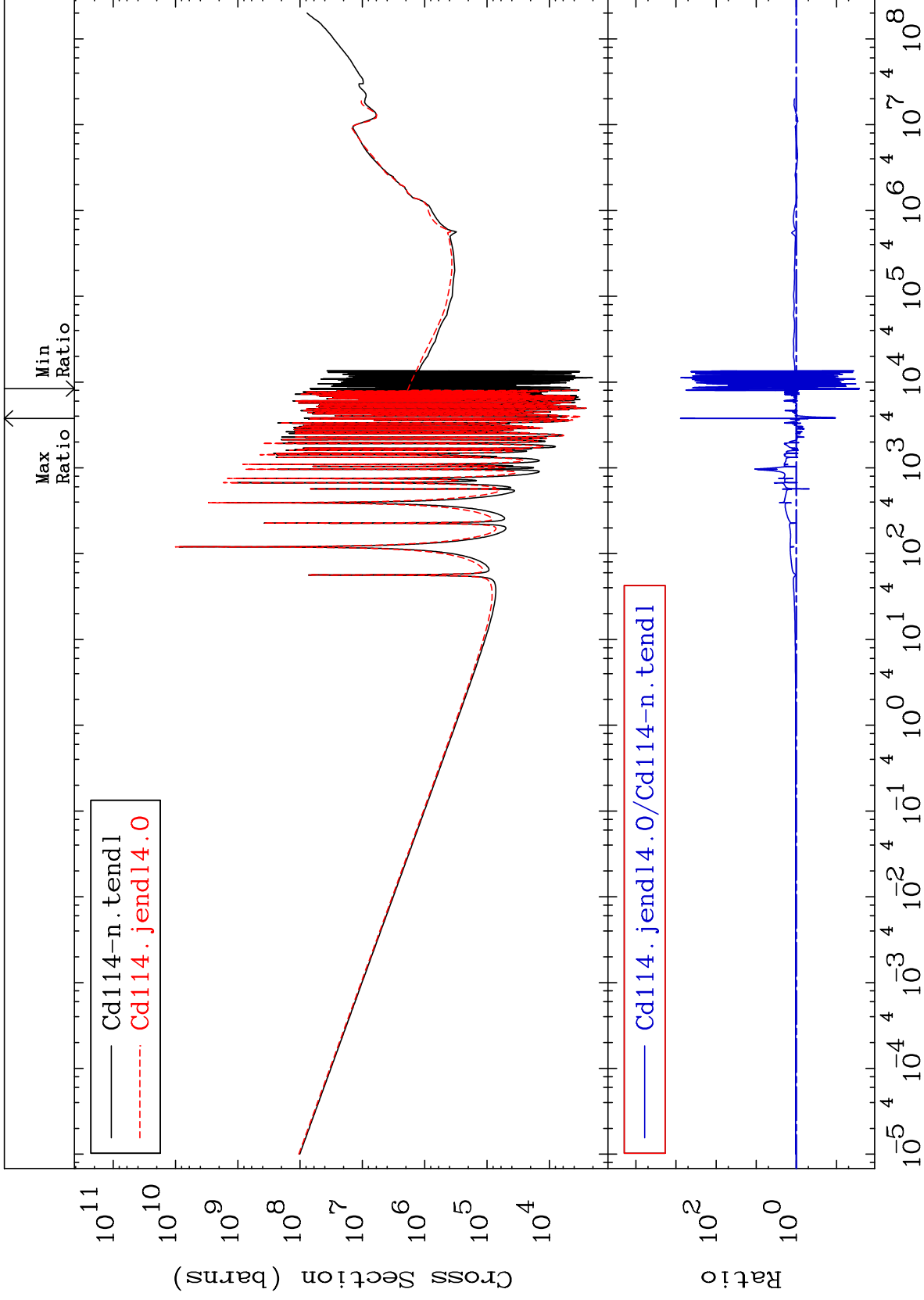


MAT 4849

Kerma elastic
Cross Section

48-Cd-114
-99.25 To 9999. %

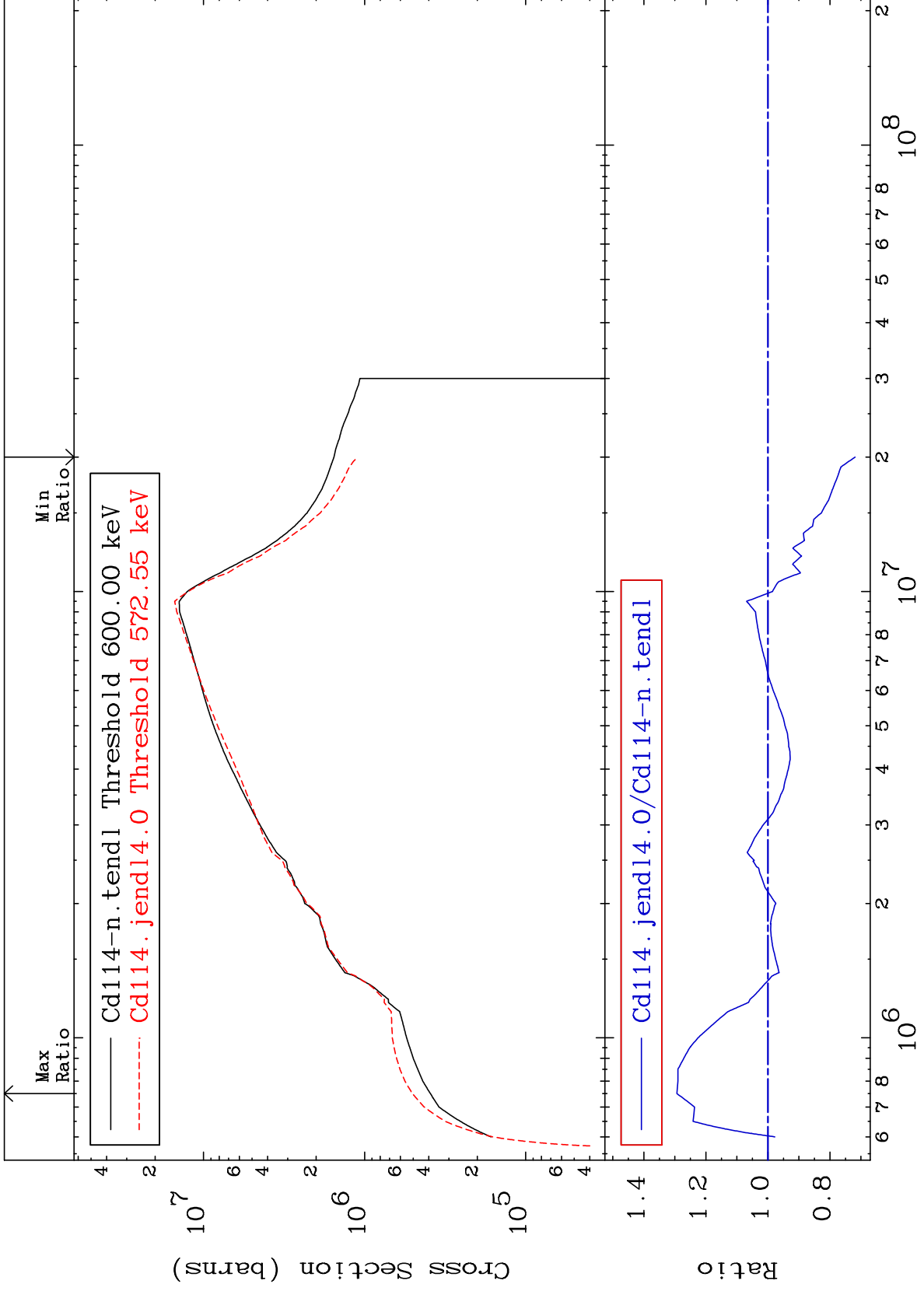


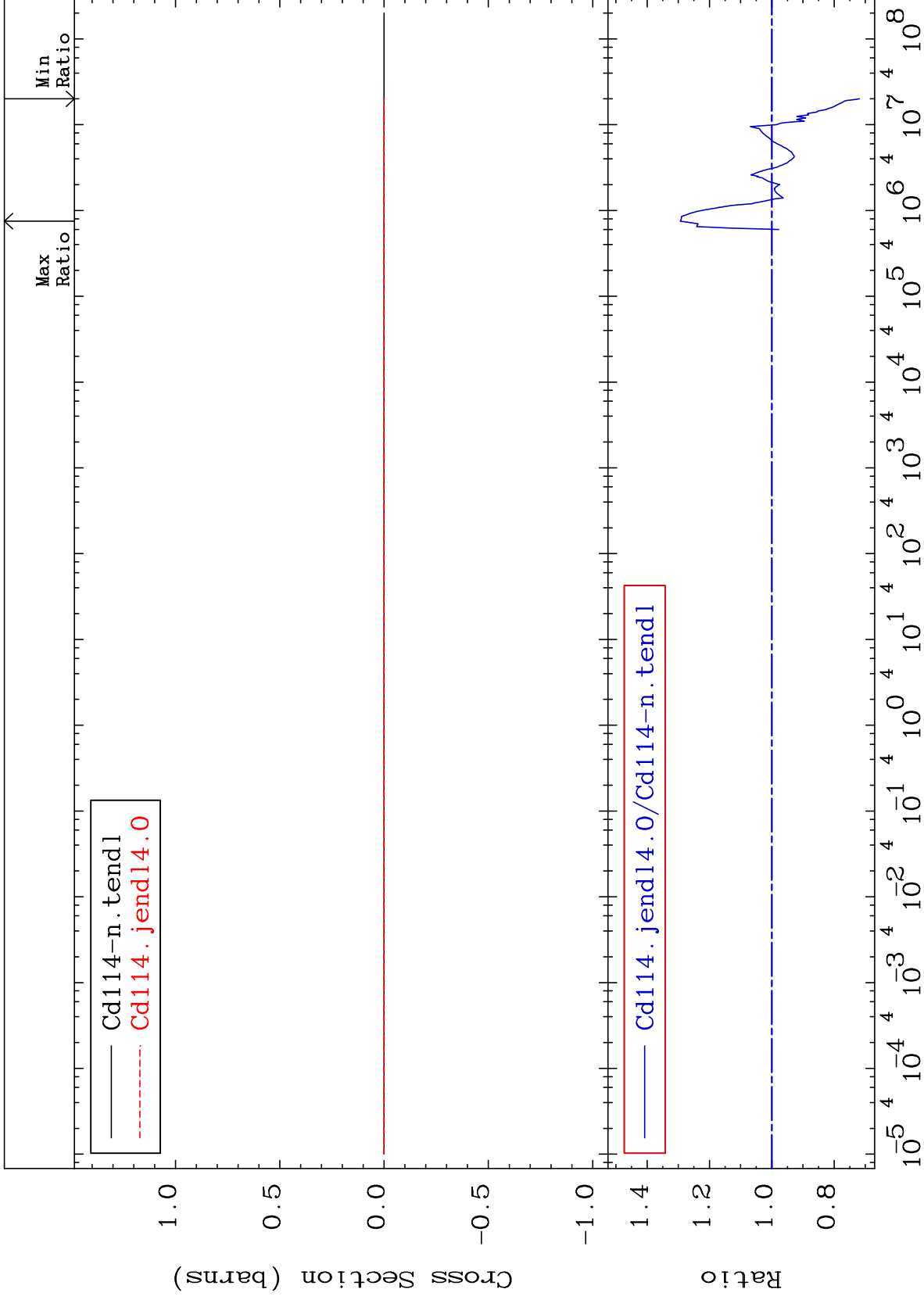


MAT 4849

Kerma inelastic (mt51-91)
Cross Section

48-Cd-114
-28.10 To 29.34 %

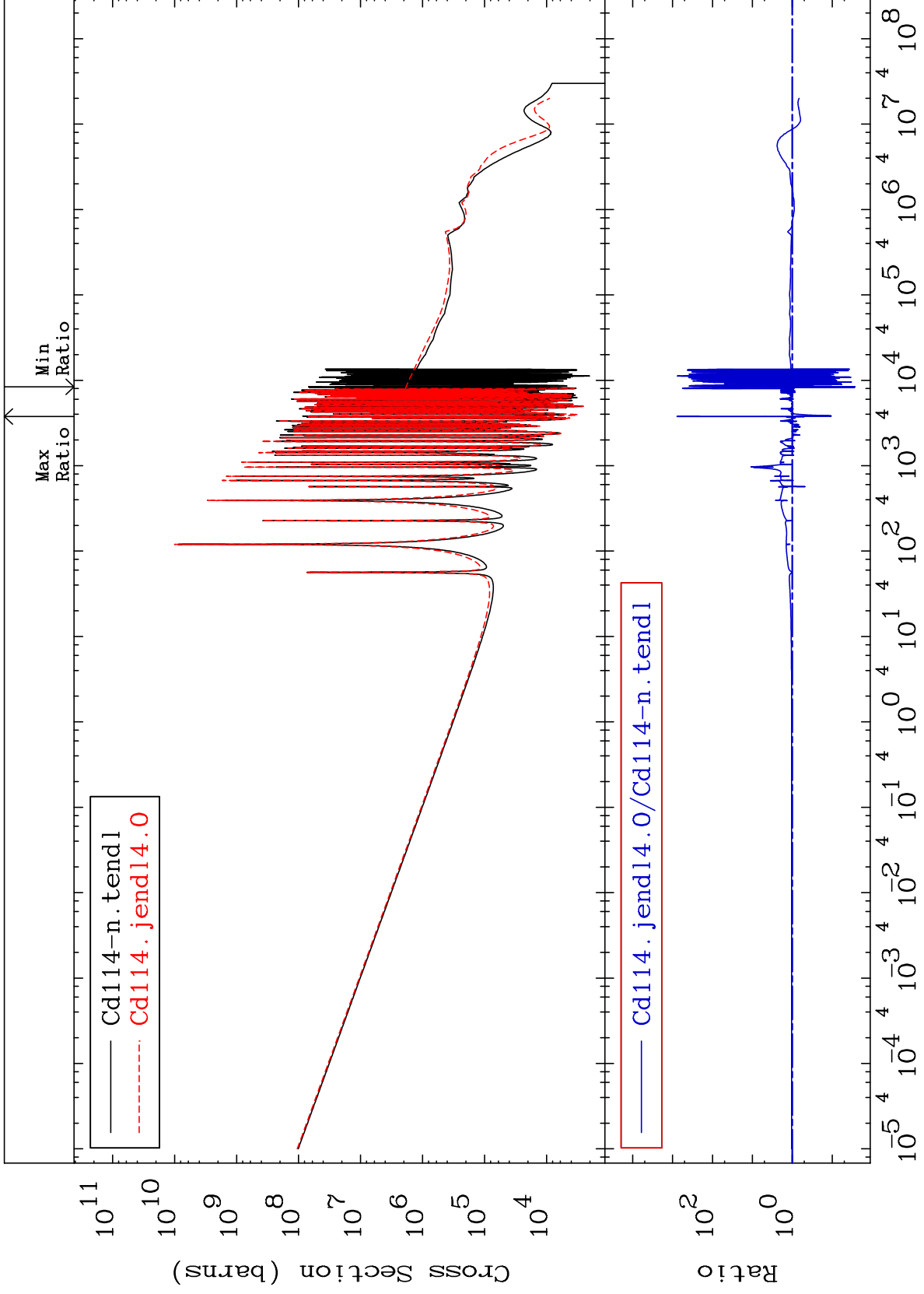




MAT 4849

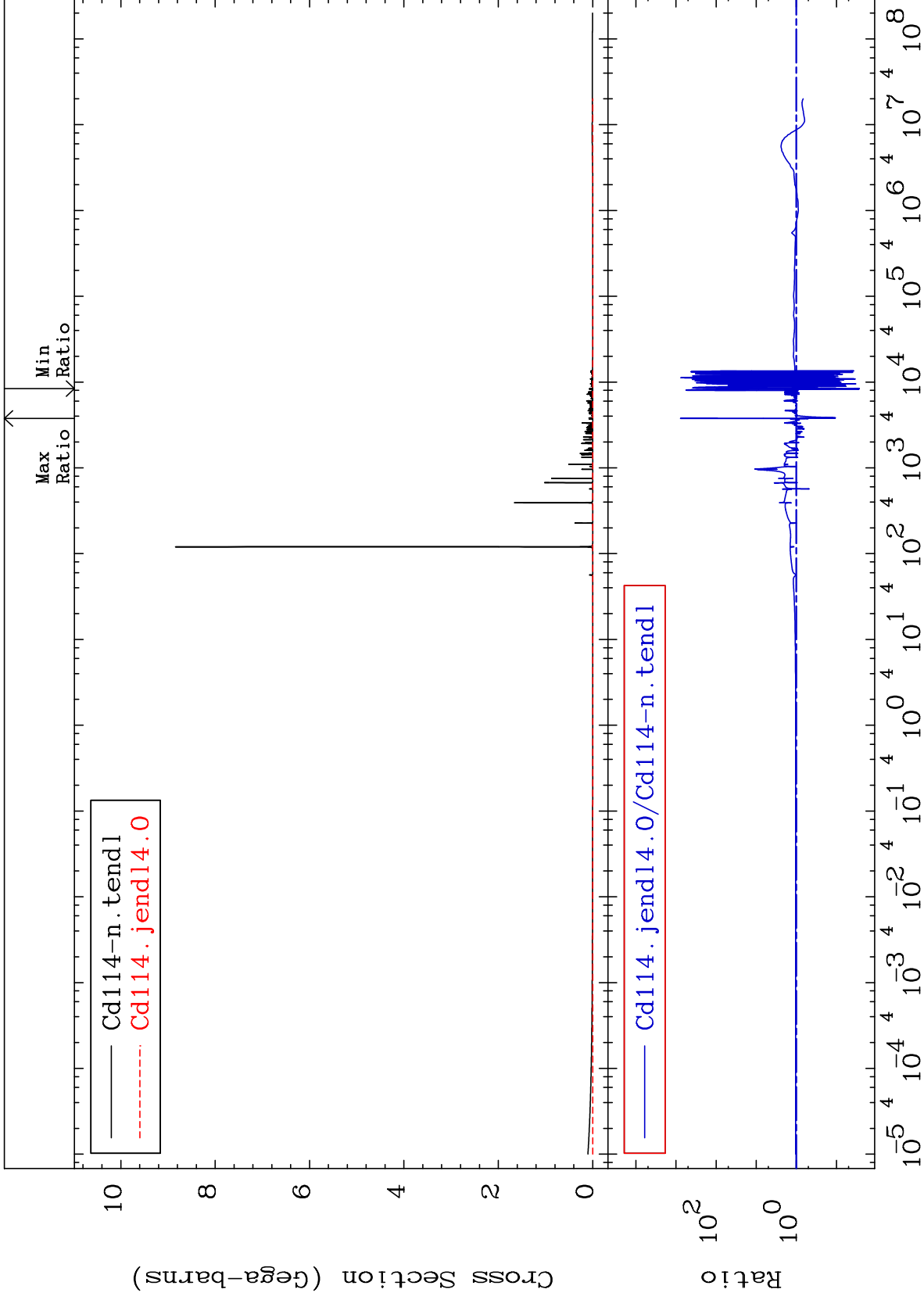
Kerma capture (mt102)
Cross Section

48-Cd-114
-97.33 To 9999. %



55

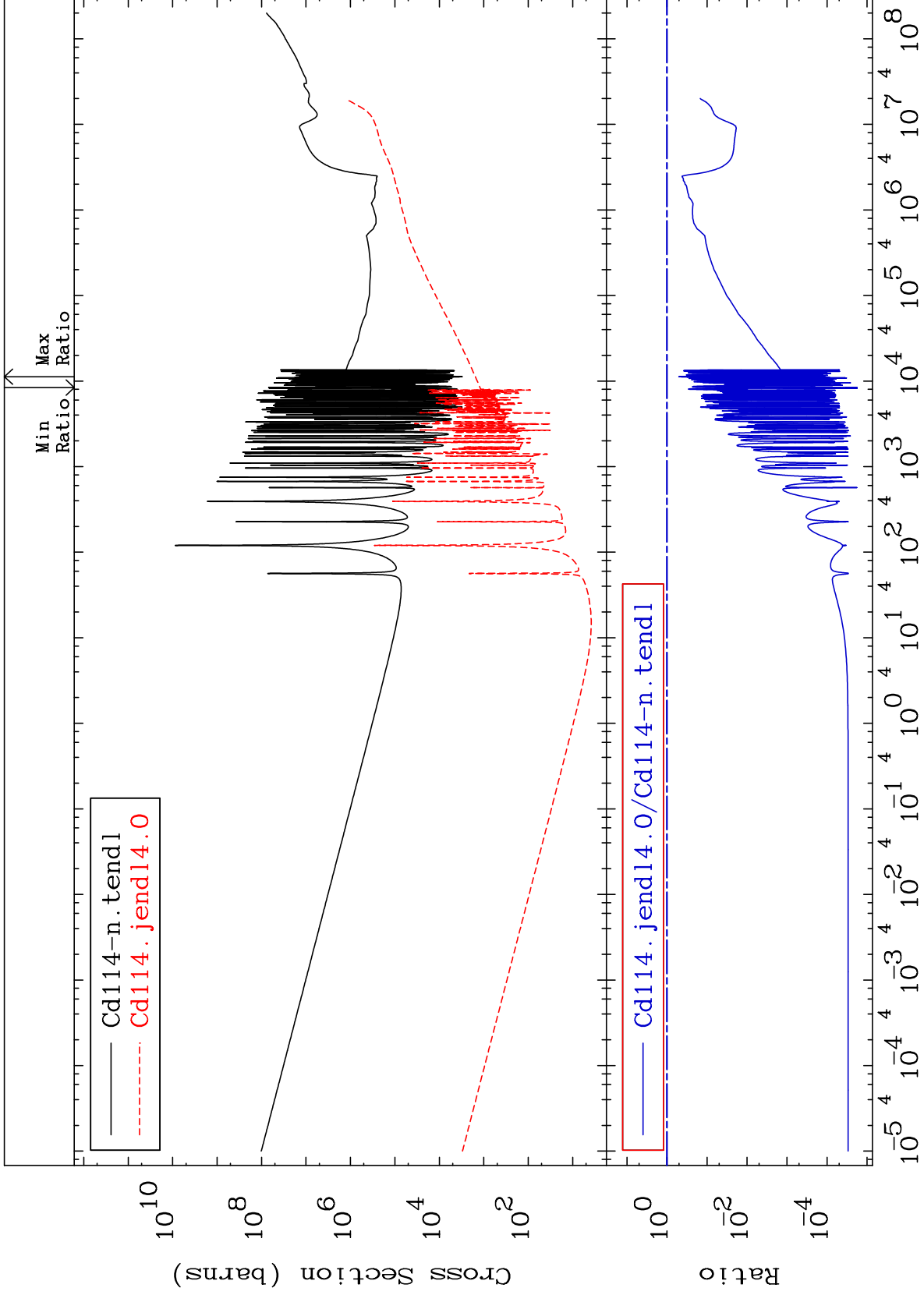
48-Cd-114



MAT 4849

Total kinematic kerma (high limit)
Cross Section

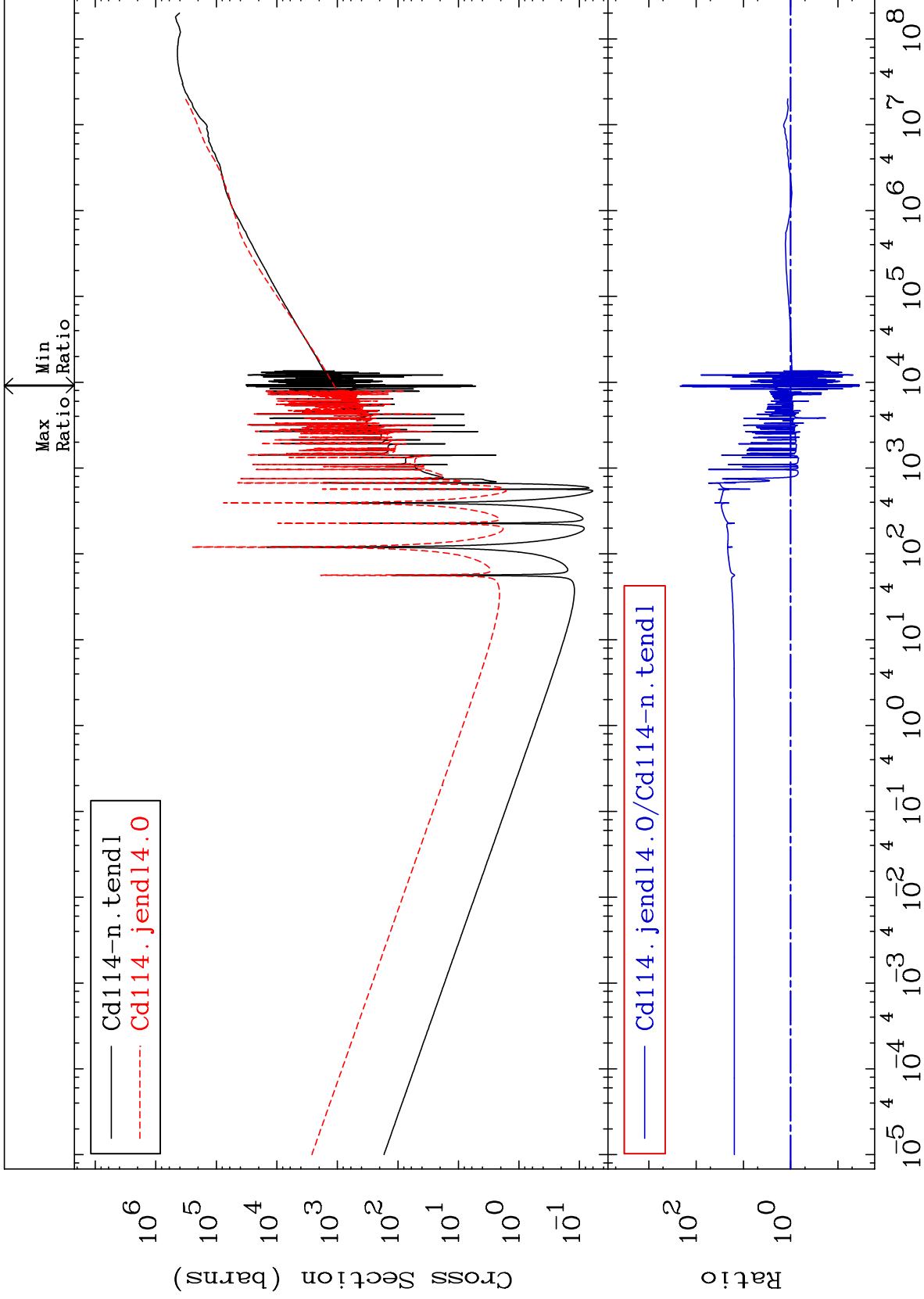
48-Cd-114
-100.0 To -48.71%



MAT 4849

Dpa total (eV-barns)
Cross Section

48-Cd-114
-96.48 To 9999. %



58

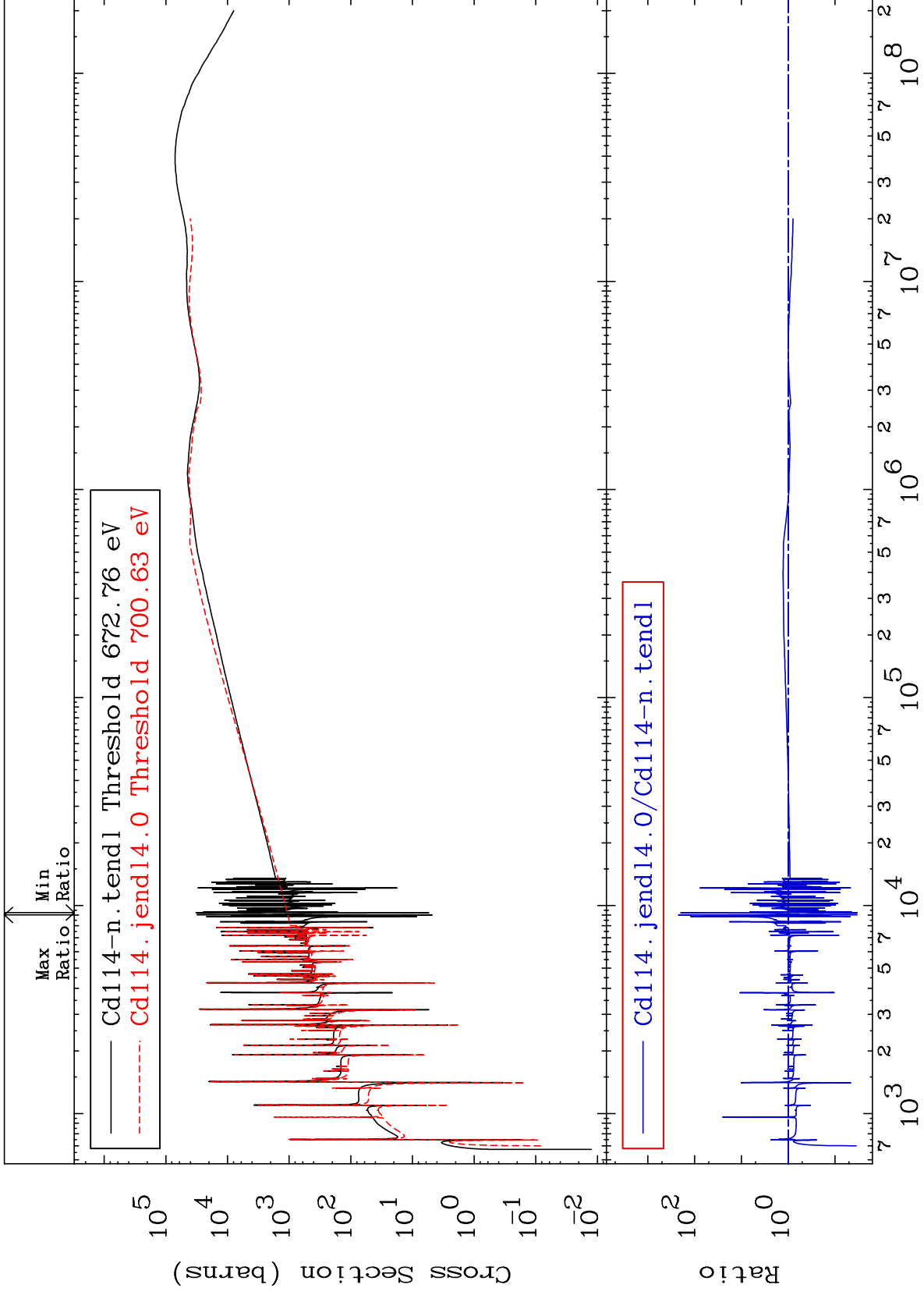
Incident Energy (eV)

48-Cd-114

MAT 4849

Dpa elastic (mt2)
Cross Section

48-Cd-114
-96.68 To 9999. %



59

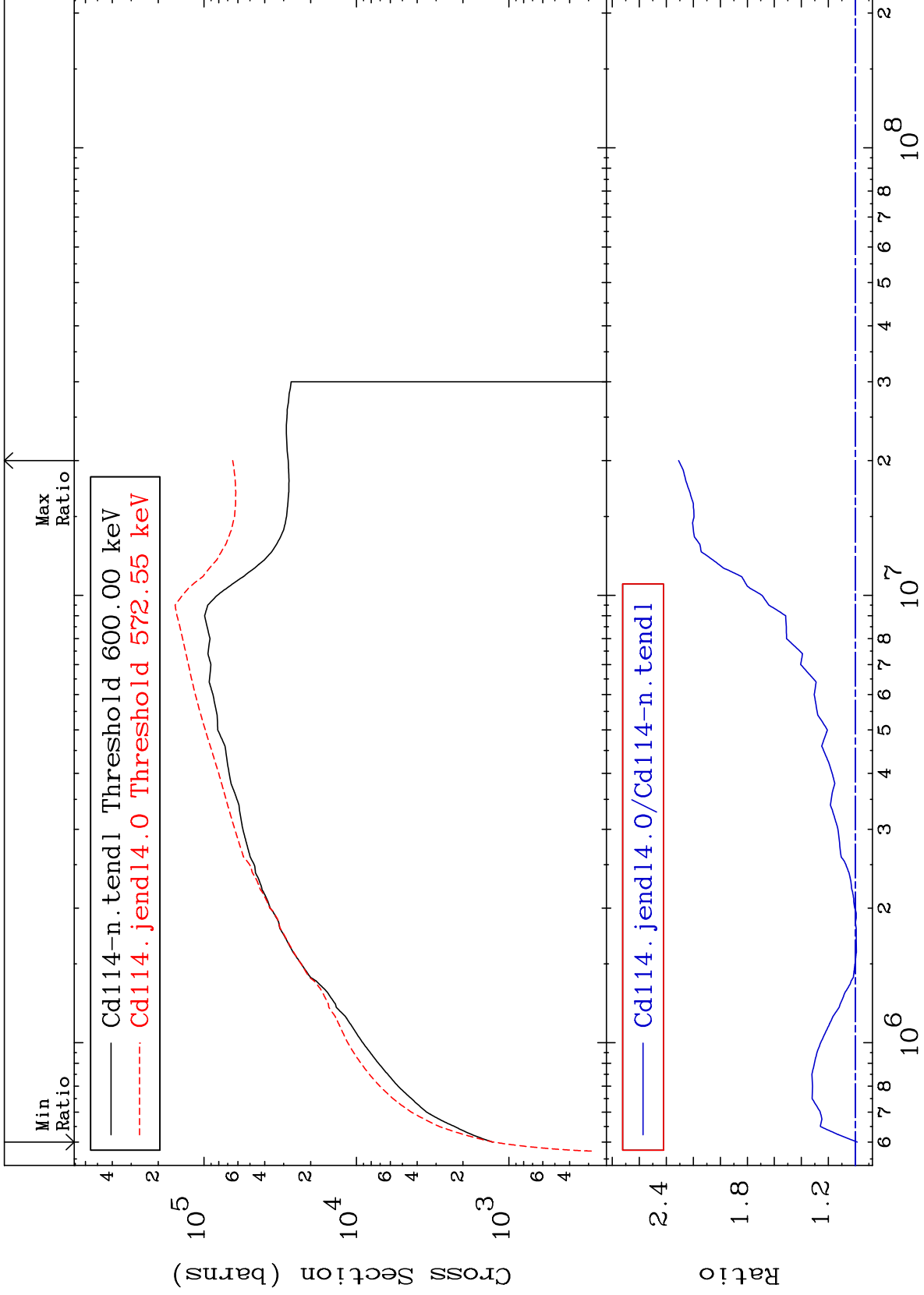
Incident Energy (eV)

48-Cd-114

MAT 4849

Dpa inelastic (mt51-91)
Cross Section

48-Cd-114
-1.347 To 130.8 %

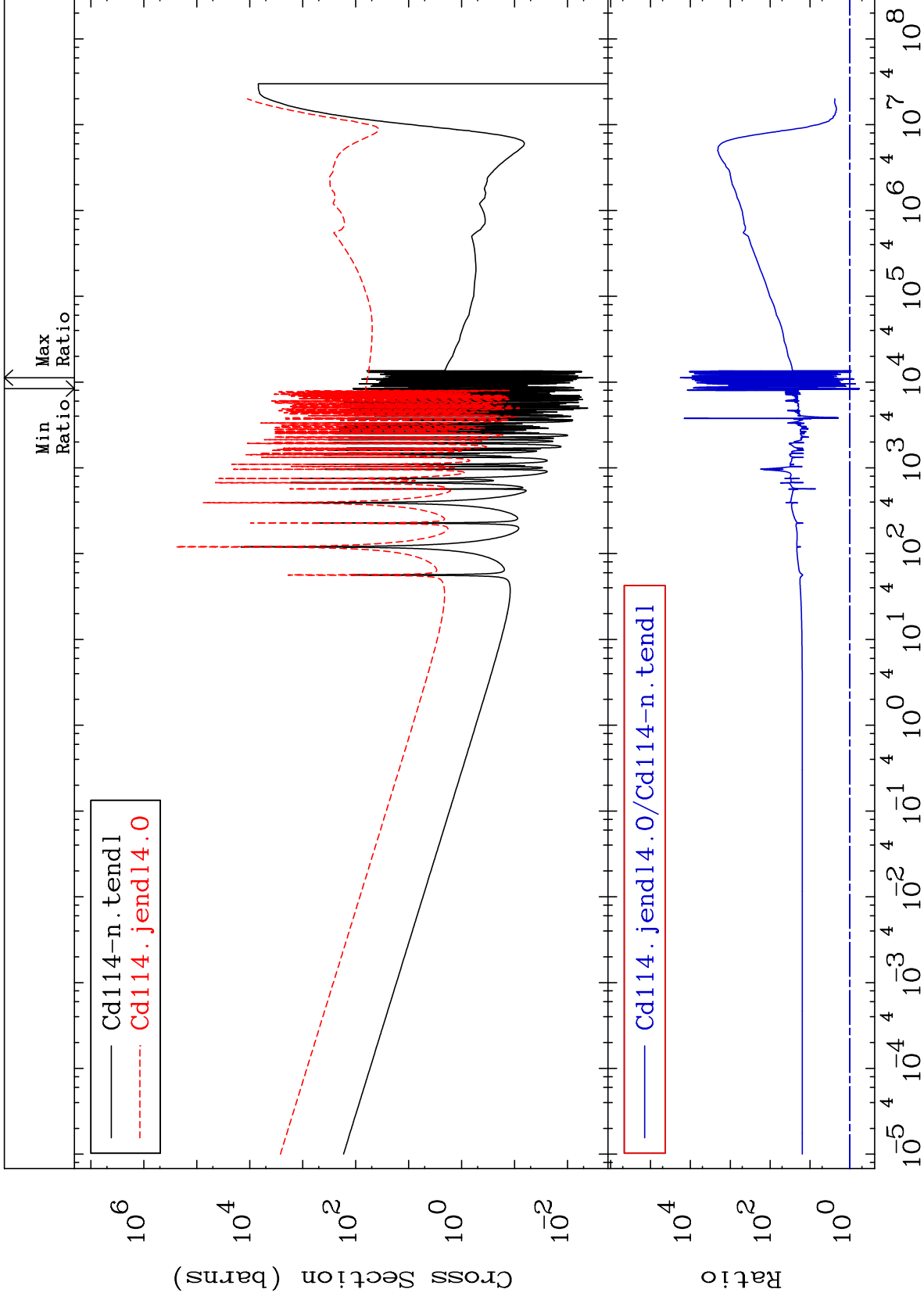


48-Cd-114

MAT 4849

Dpa disappearance (mt102 -120)
Cross Section

48-Cd-114
-42.29 To 9999. %



61

Incident Energy (eV)

48-Cd-114