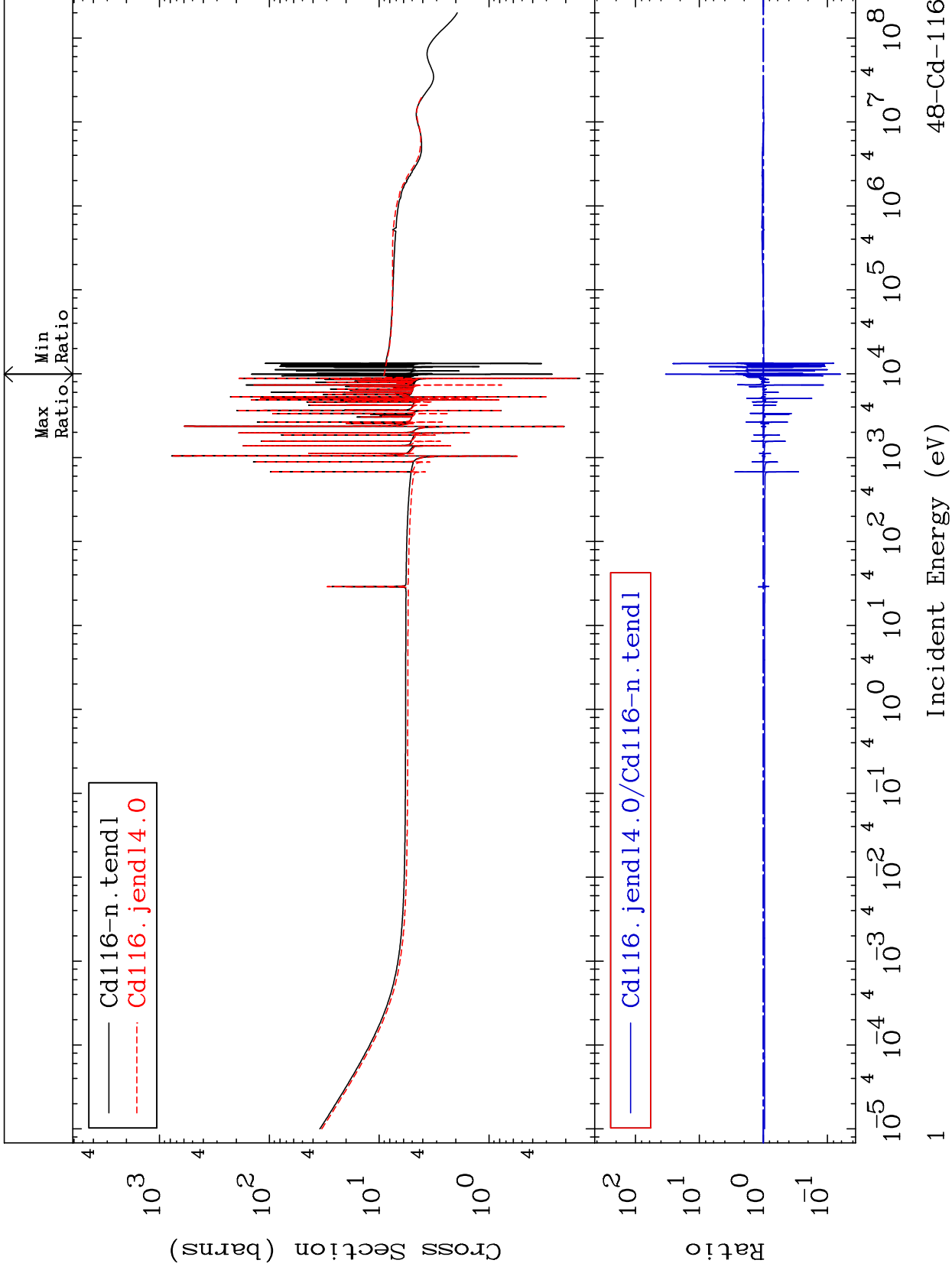


MAT 4855

Total
Cross Section

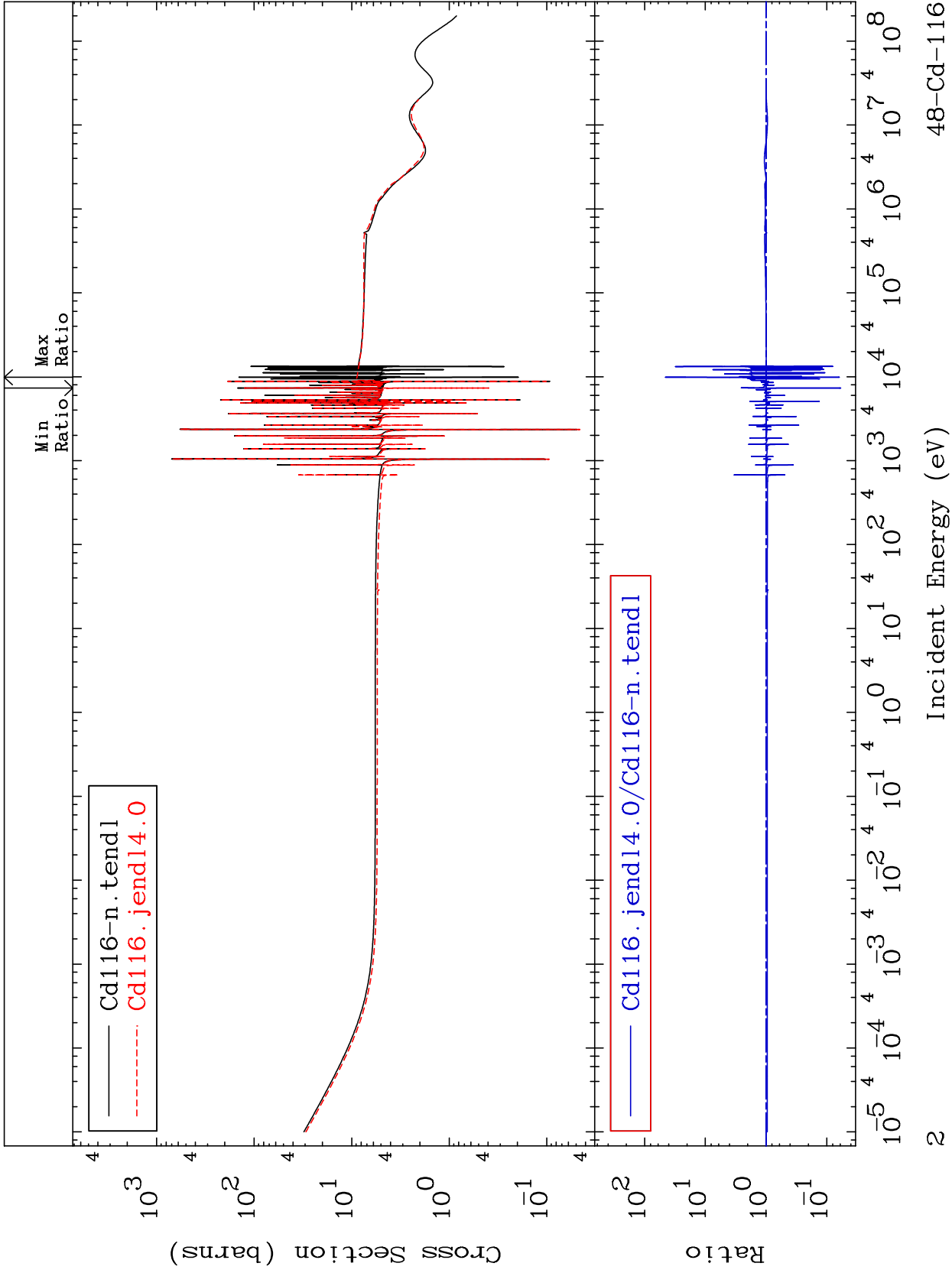
48-Cd-116
-93.81 To 3287. %



MAT 4855

Elastic
Cross Section

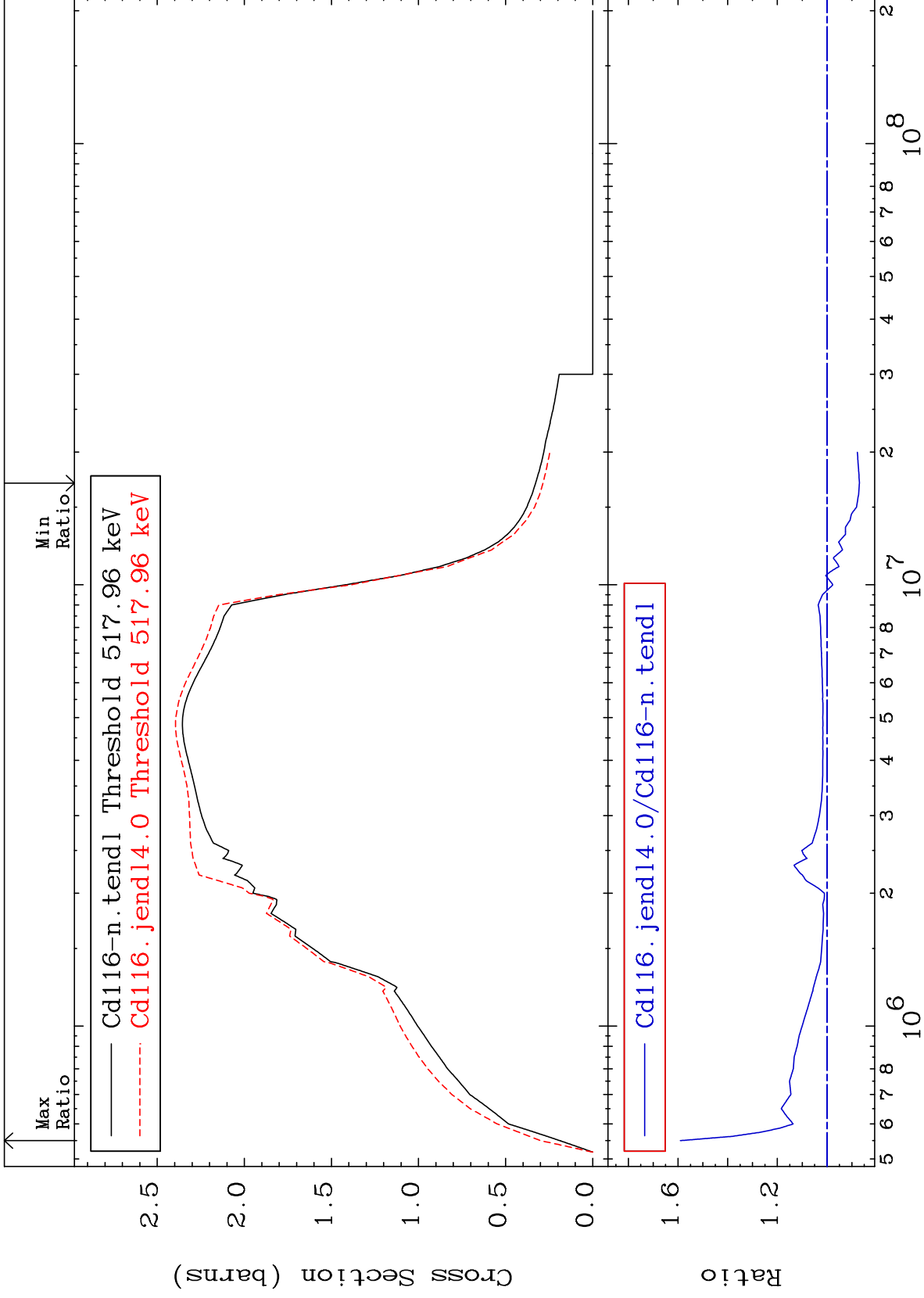
48-Cd-116
-94.11 To 4430. %



MAT 4855

Inelastic
Cross Section

48-Cd-116
-13.03 To 59.06 %



3

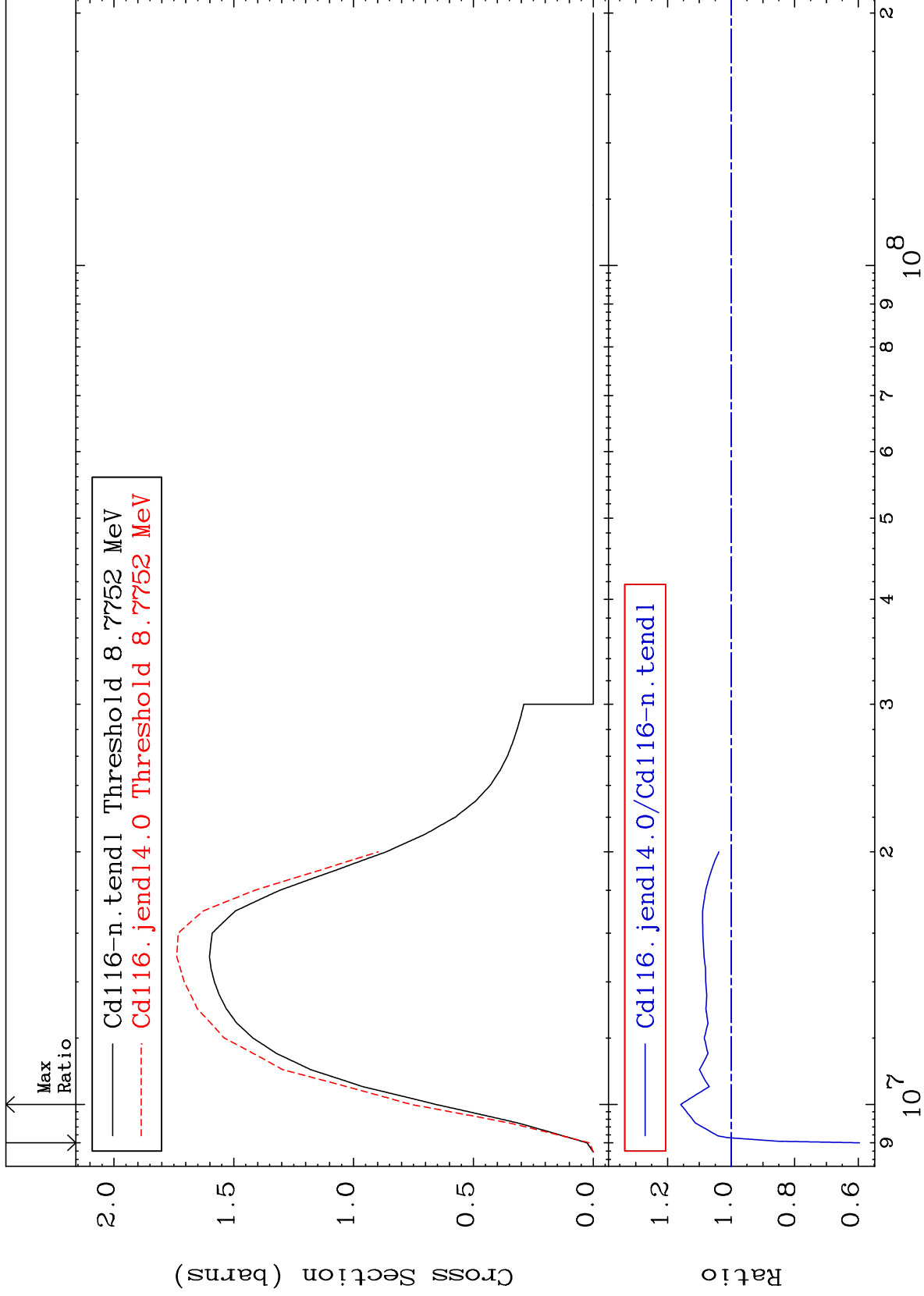
Incident Energy (eV)

48-Cd-116

MAT 4855

(n,2n)
Cross Section

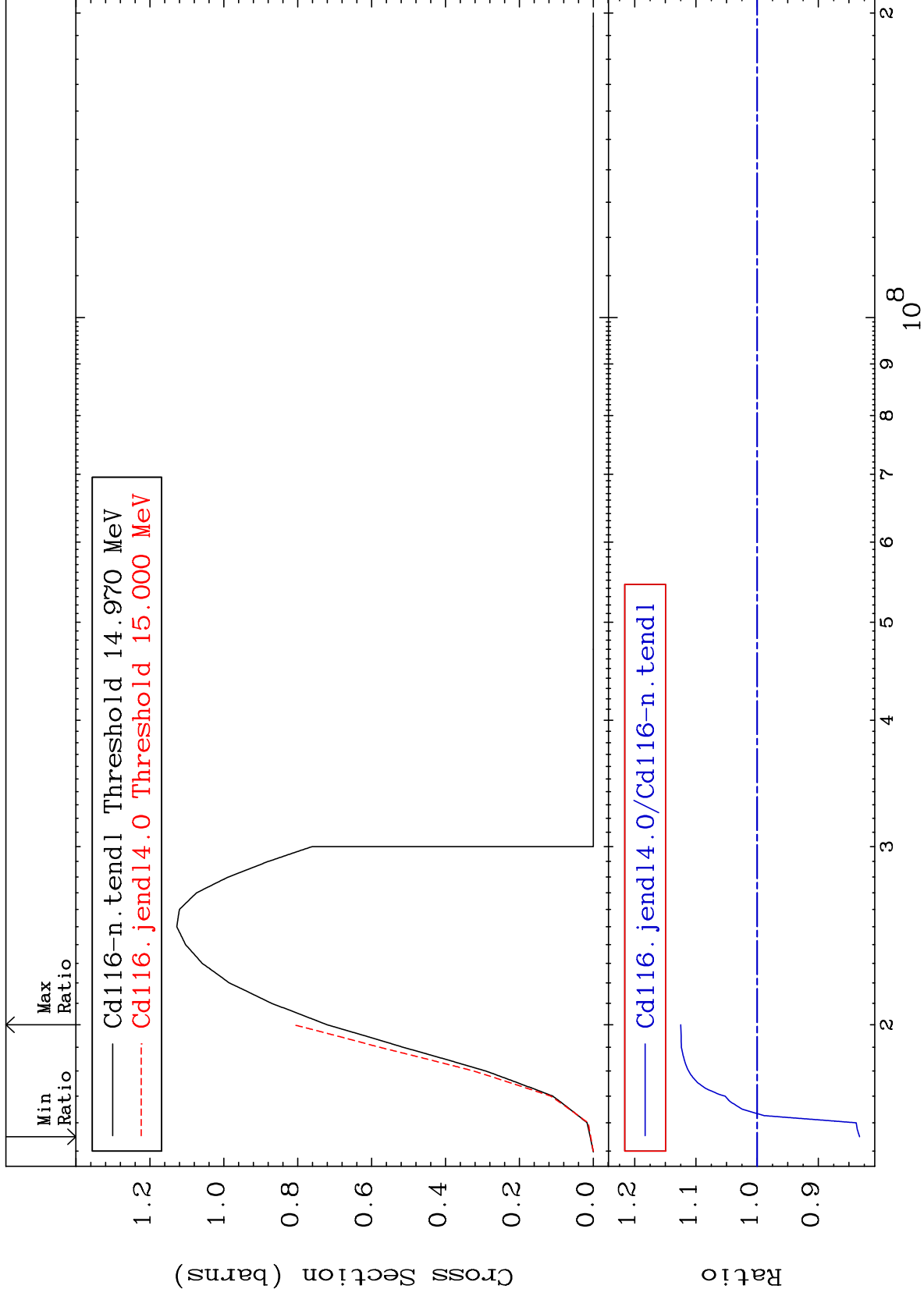
48-Cd-116
-40.41 To 15.83 %



Incident Energy (eV)

48-Cd-116

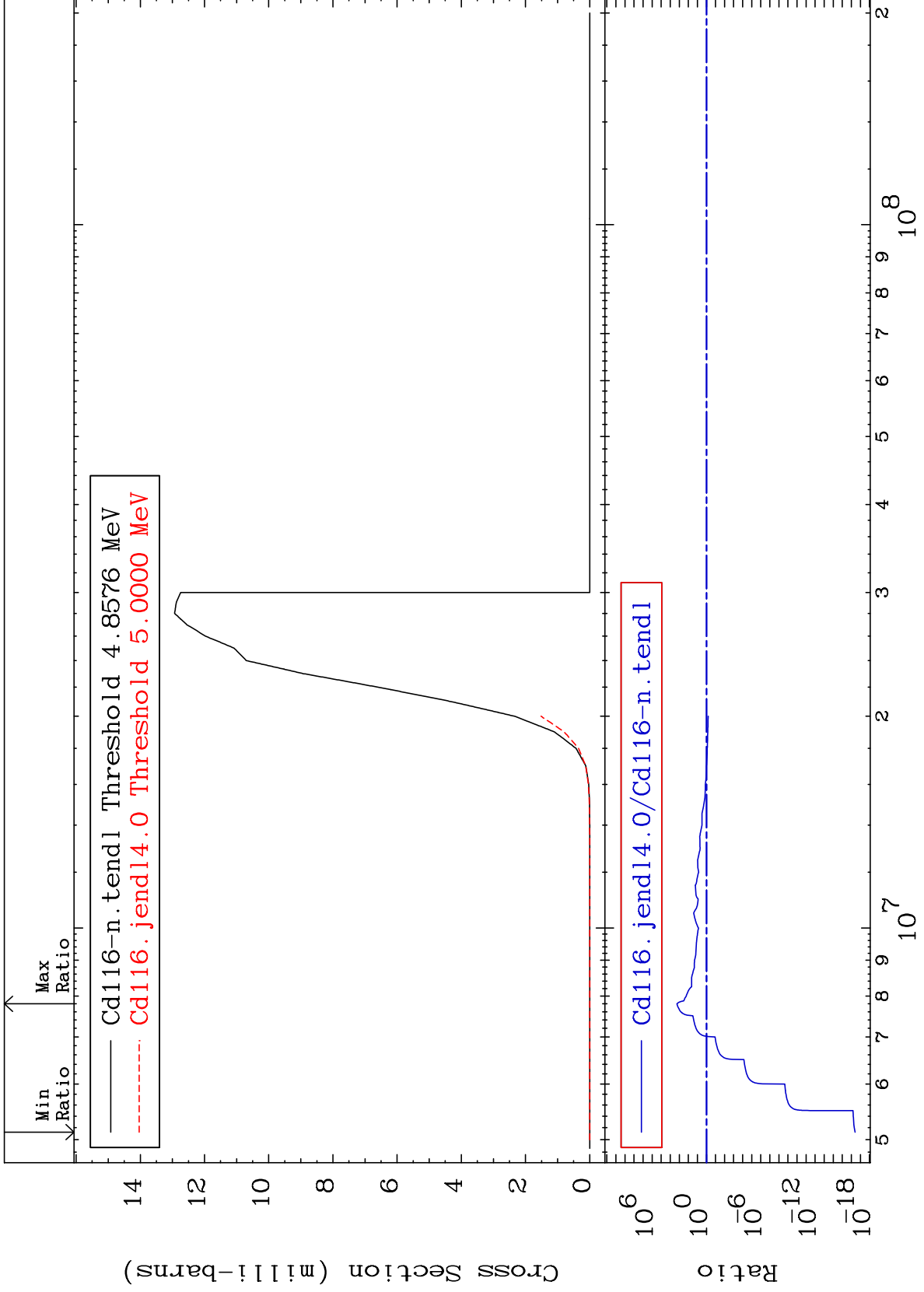
4



MAT 4855

(n, n') α
Cross Section

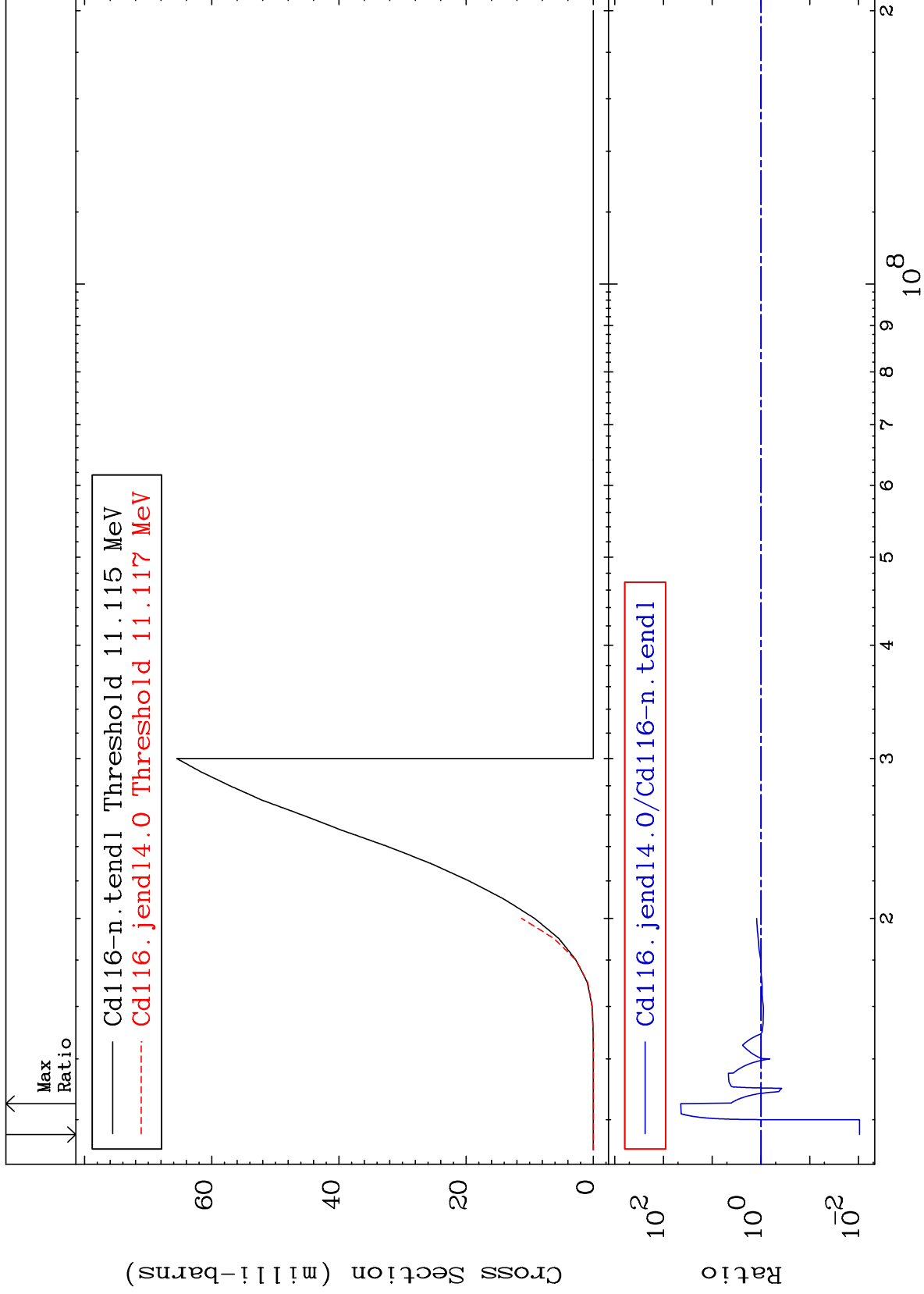
48-Cd-116
-100.0 To 9999. %



MAT 4855

(n,n') p
Cross Section

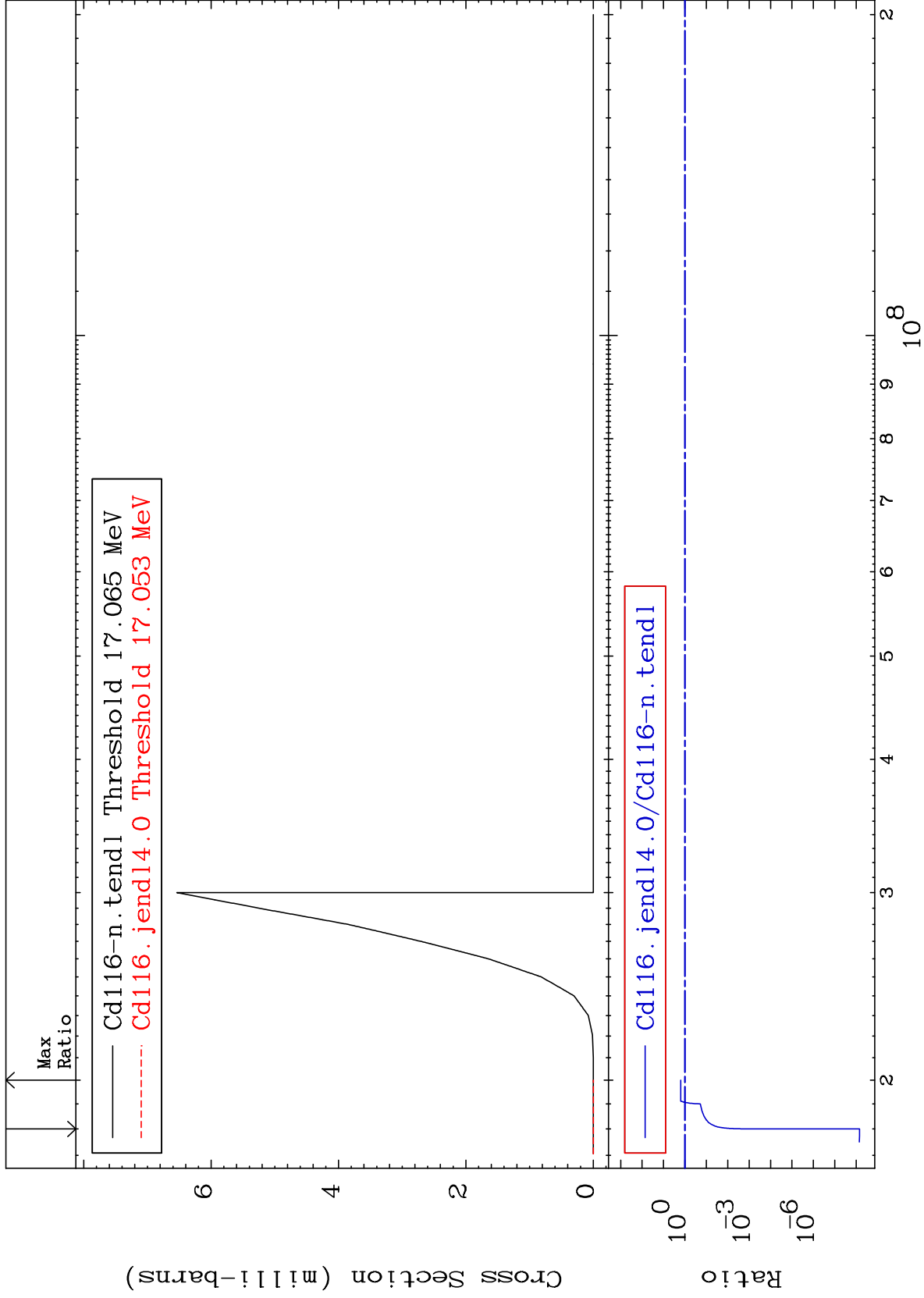
48-Cd-116
-99.05 To 4311. %



MAT 4855

(n,n') d
Cross Section

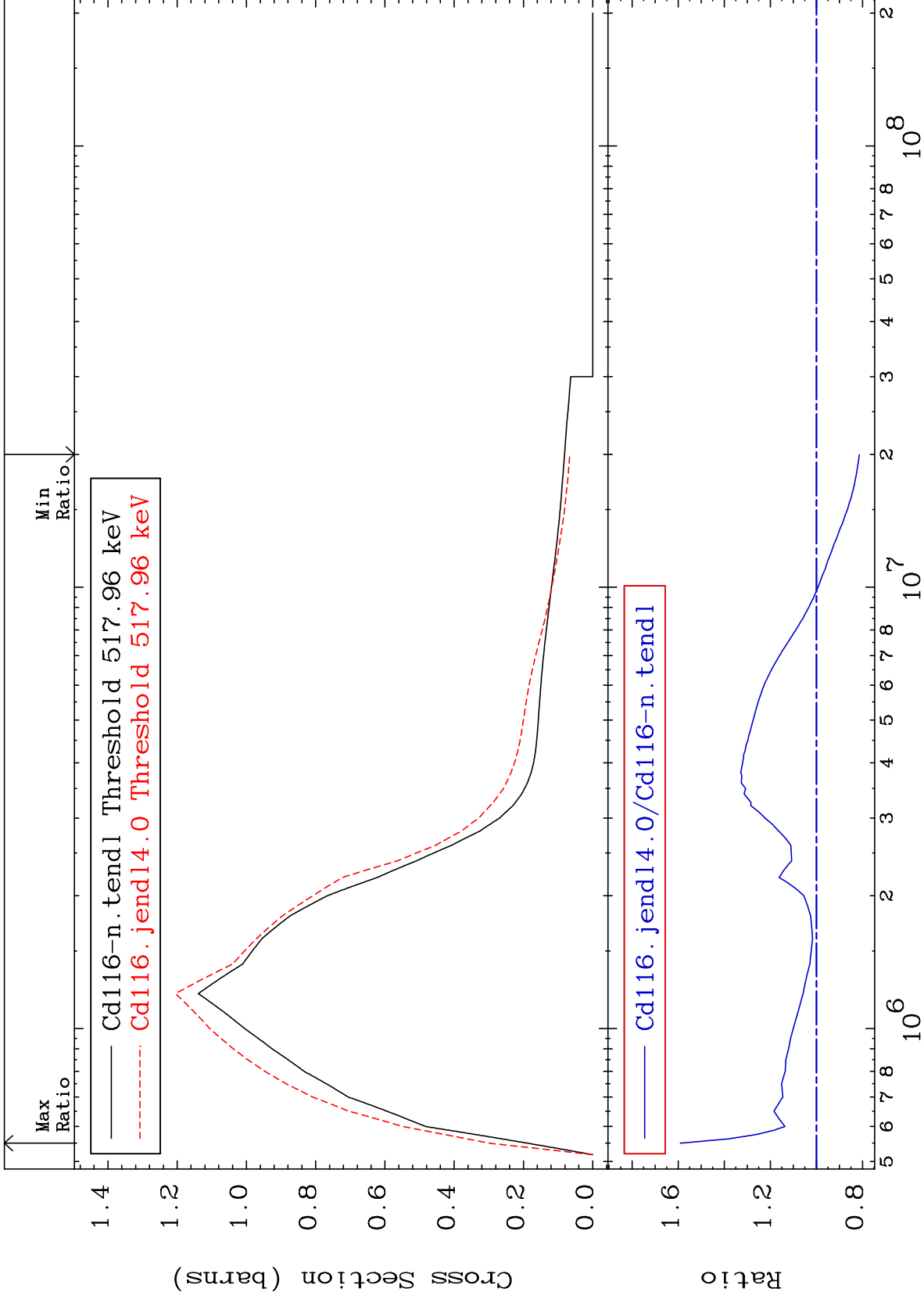
48-Cd-116
-100.0 To 56.01 %



MAT 4855

513.5 keV (n,n') Level
Cross Section

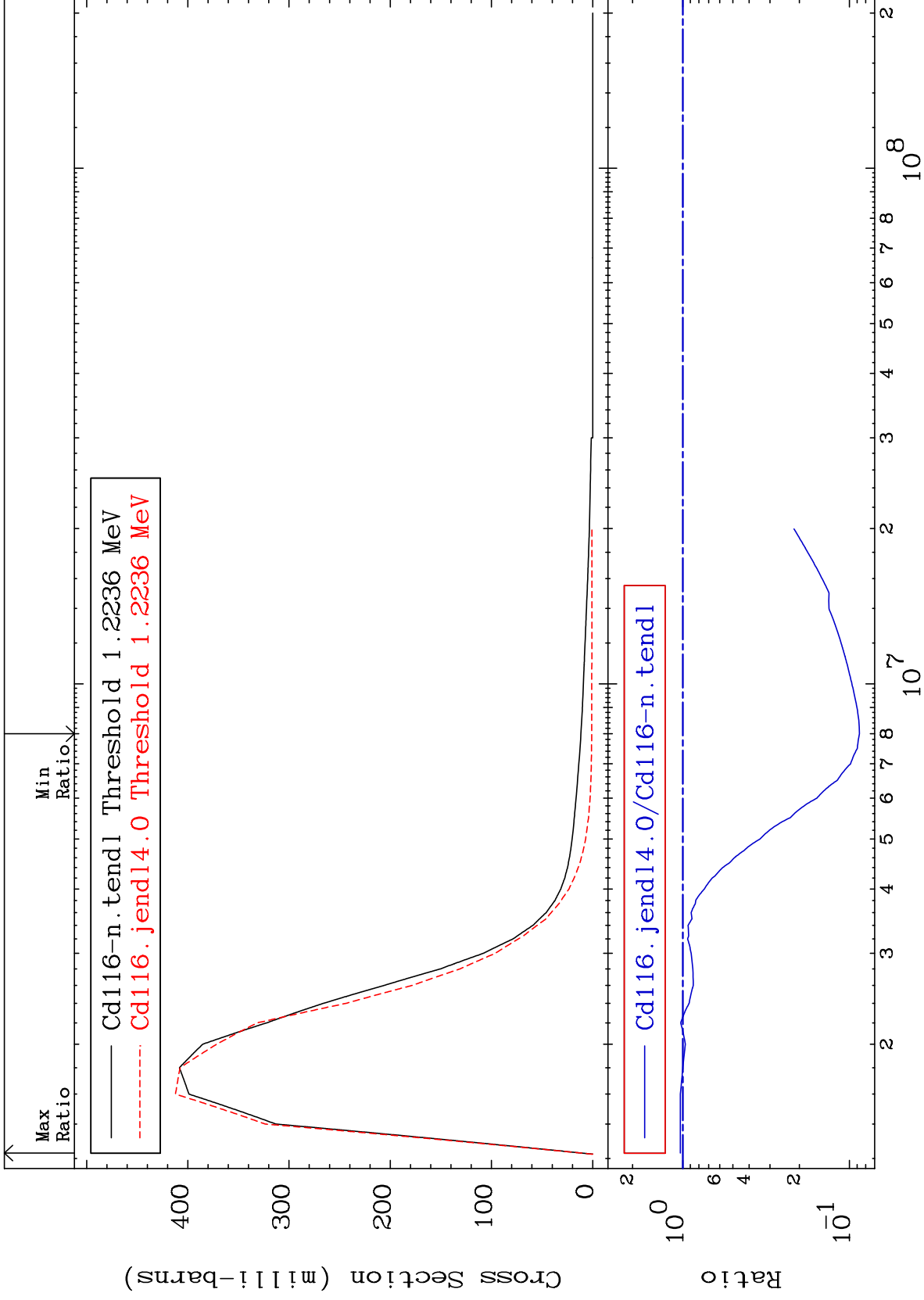
48-Cd-116
-18.68 To 59.06 %



MAT 4855

1.213 MeV (n,n') Level
Cross Section

48-Cd-116
-91.28 To 3.356 %



10

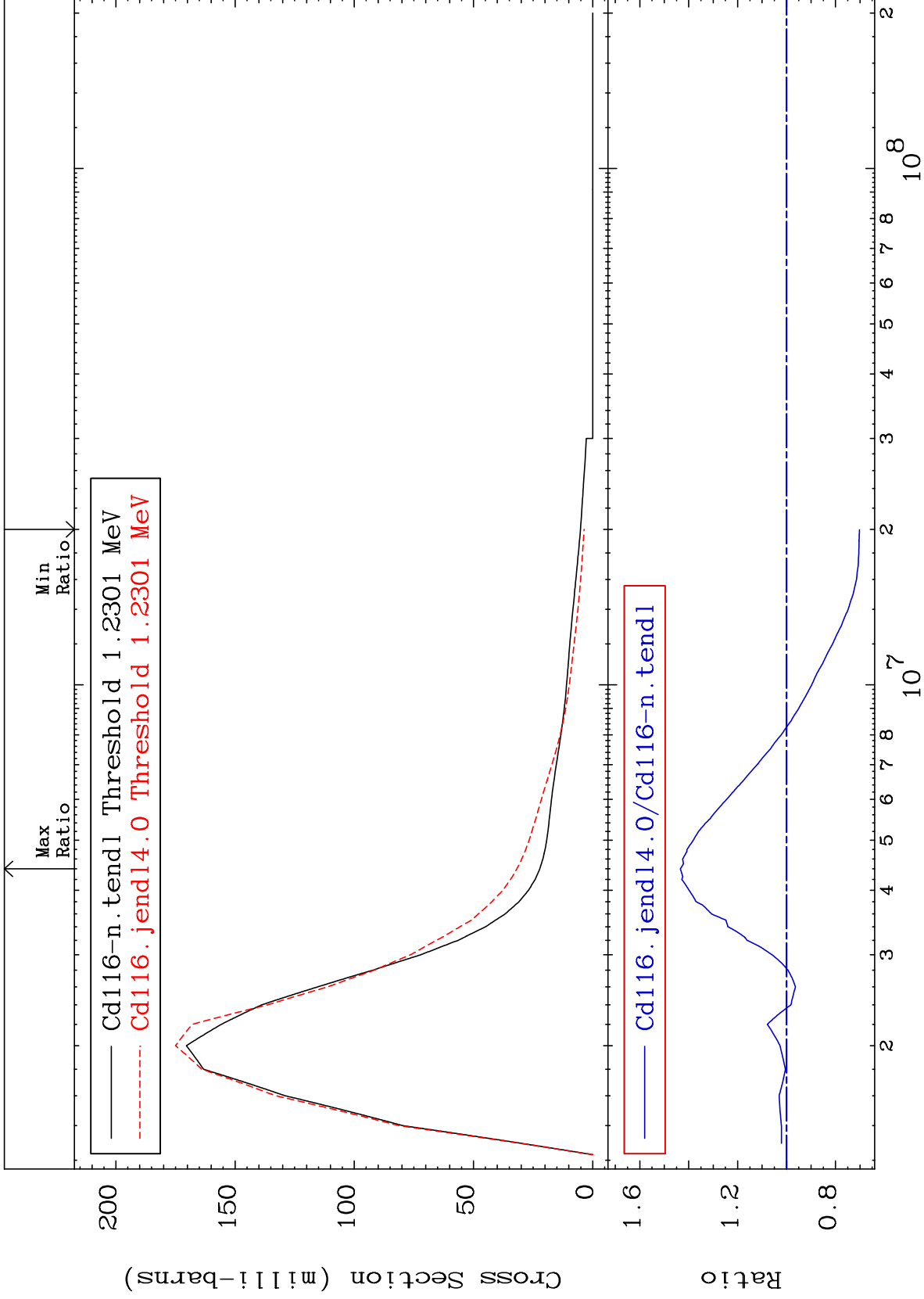
Incident Energy (eV)

48-Cd-116

MAT 4855

1.219 MeV (n,n') Level
Cross Section

48-Cd-116
-29.79 To 43.42 %



11

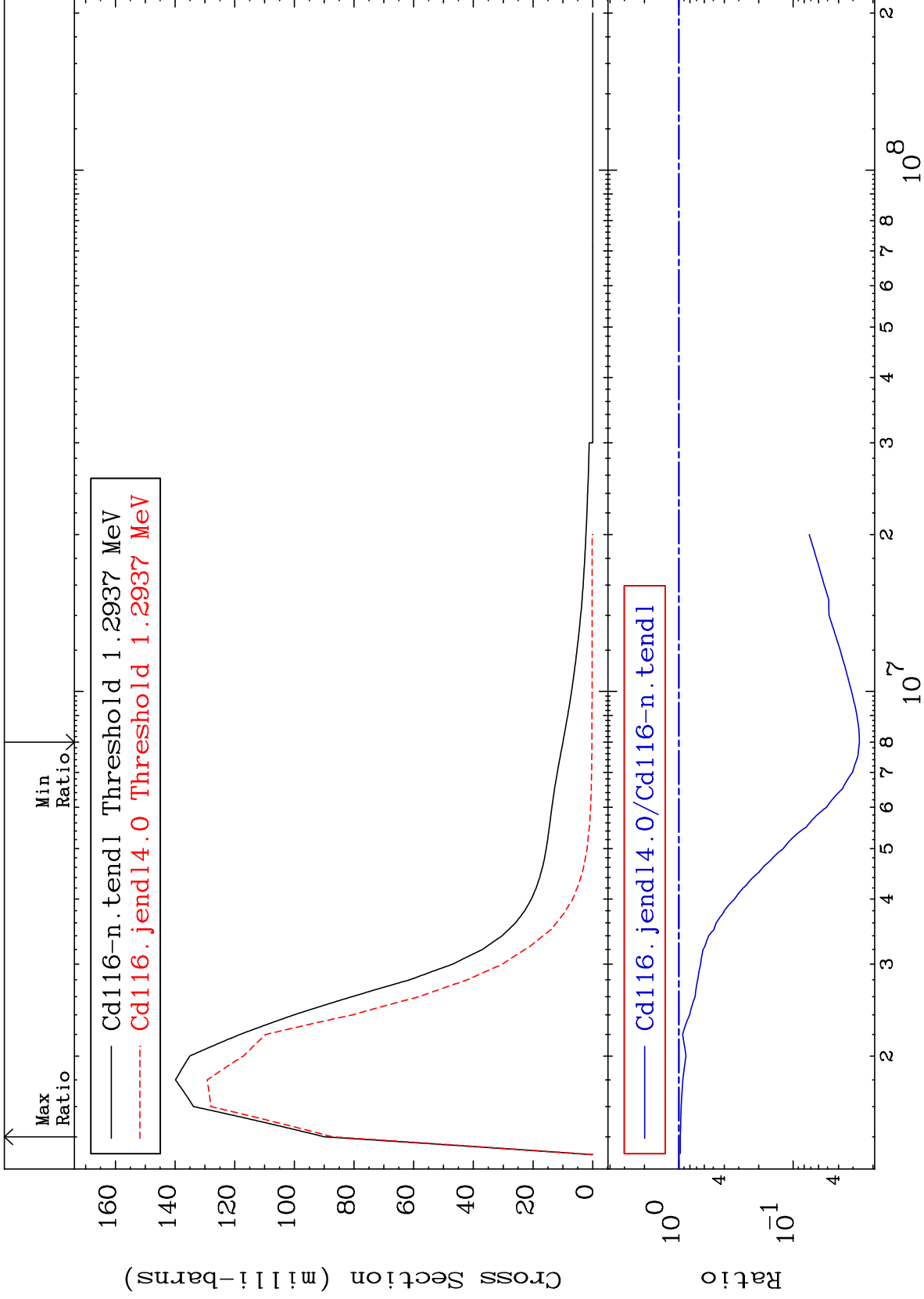
Incident Energy (eV)

48-Cd-116

MAT 4855

1.283 MeV (n,n') Level
Cross Section

48-Cd-116
-97.37 To -2.982%



12

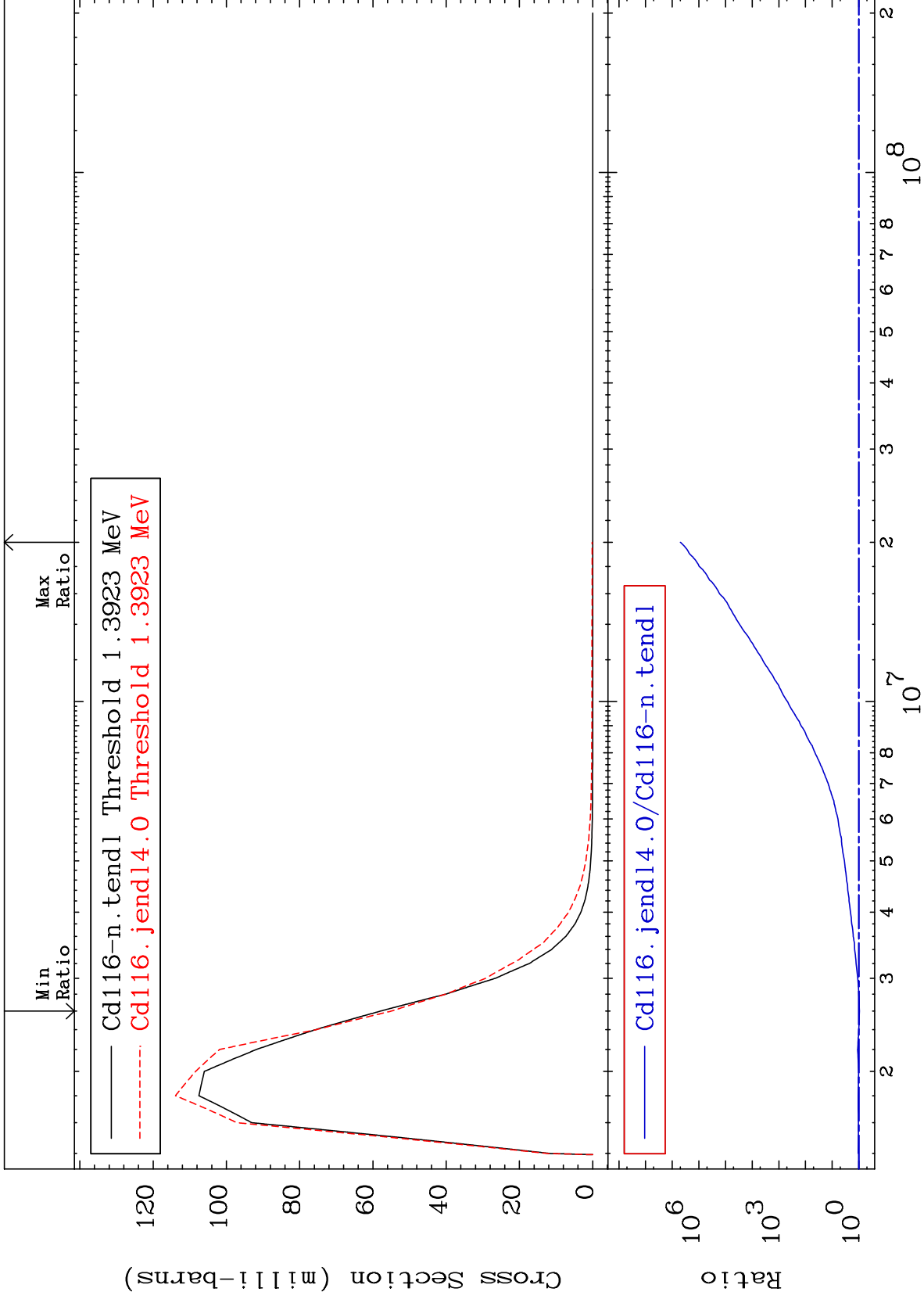
Incident Energy (eV)

48-Cd-116

MAT 4855

1.380 MeV (n,n') Level
Cross Section

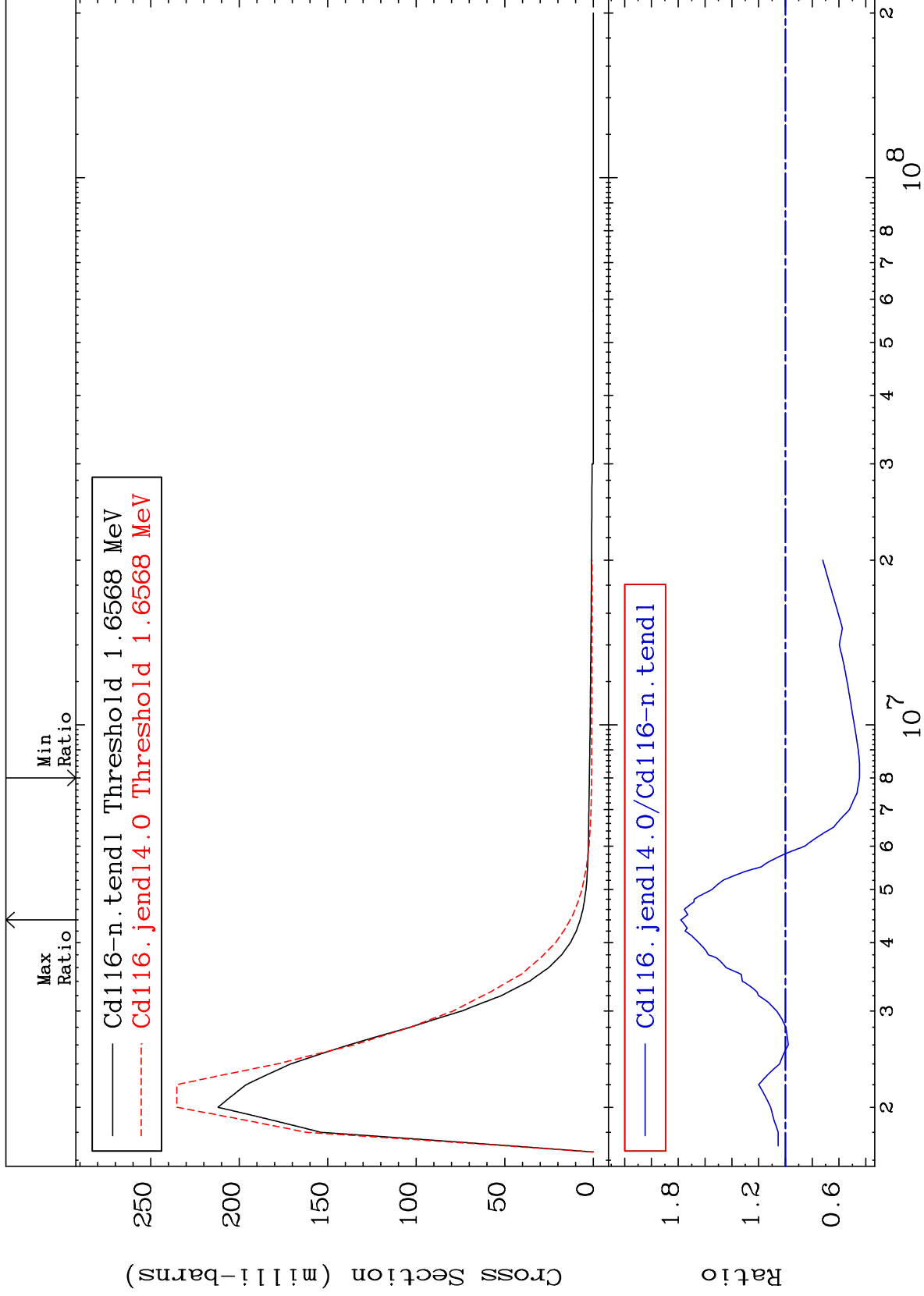
48-Cd-116
-5.074 To 9999. %



MAT 4855

1.642 MeV (n,n') Level
Cross Section

48-Cd-116
-55.34 To 78.13 %



14

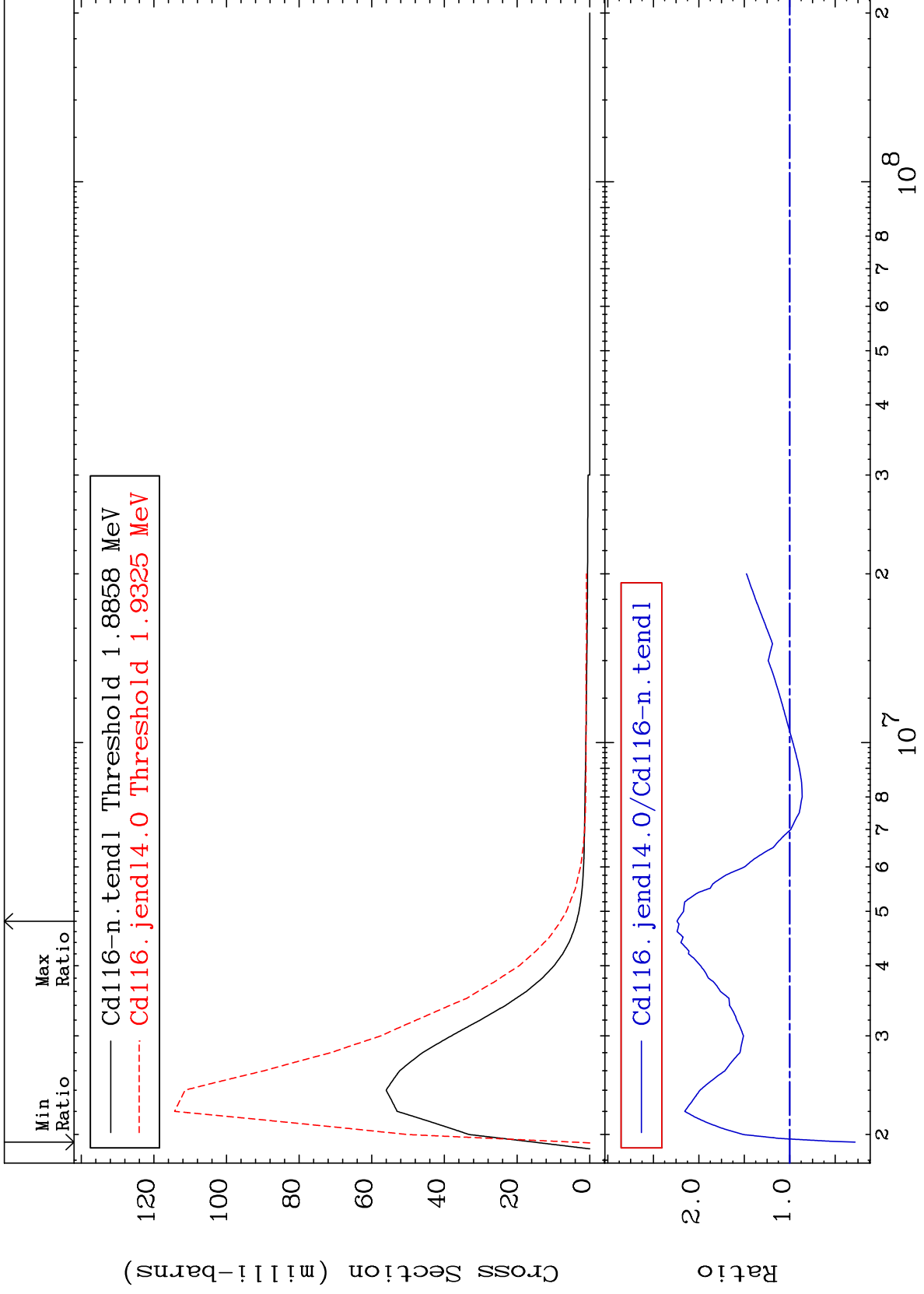
Incident Energy (eV)

48-Cd-116

MAT 4855

1.869 MeV (n,n') Level
Cross Section

48-Cd-116
-71.79 To 124.1 %



15

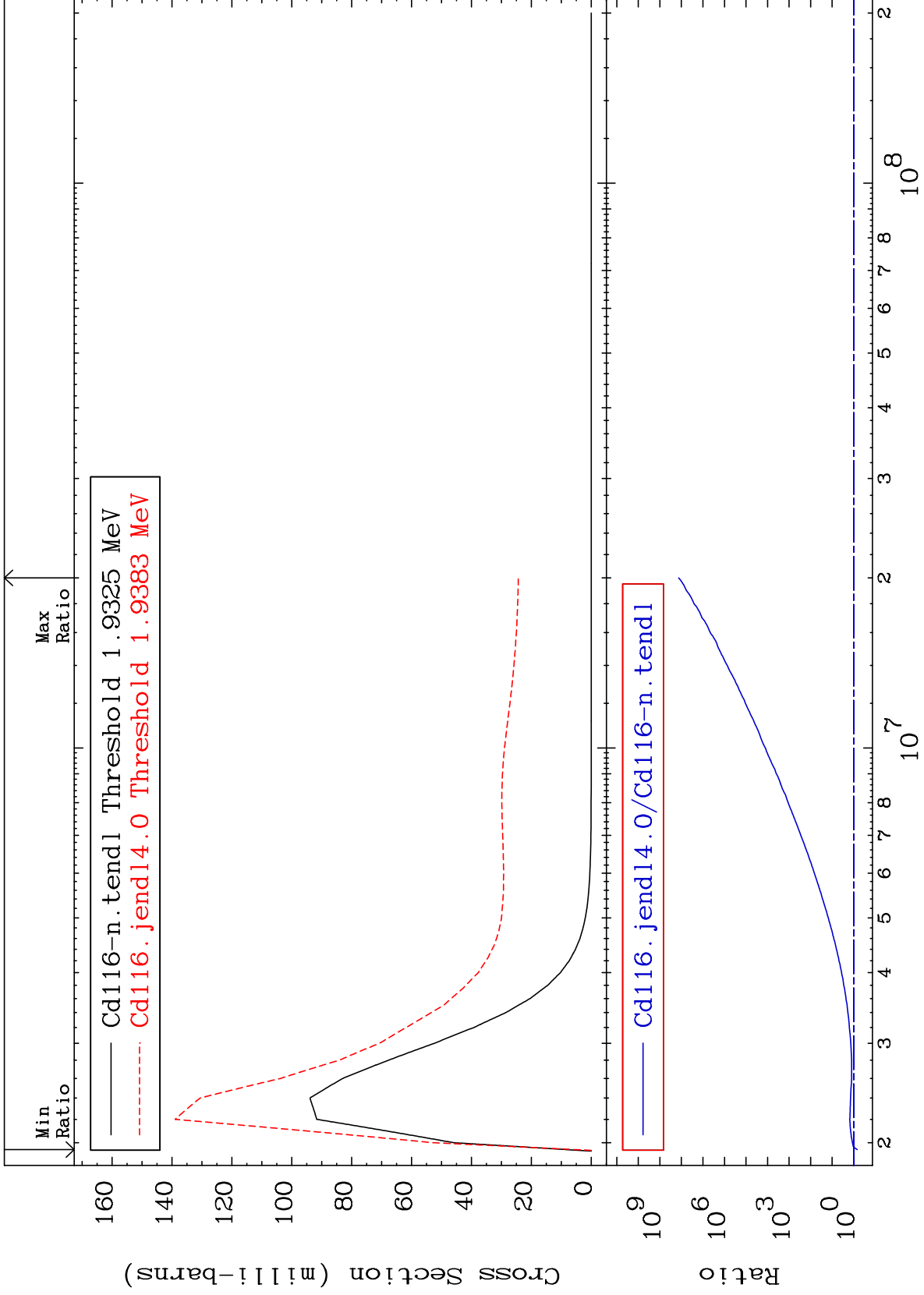
48-Cd-116

48-Cd-116

MAT 4855

1.916 MeV (n,n') Level
Cross Section

48-Cd-116
-31.56 To 9999. %



16

Incident Energy (eV)

48-Cd-116

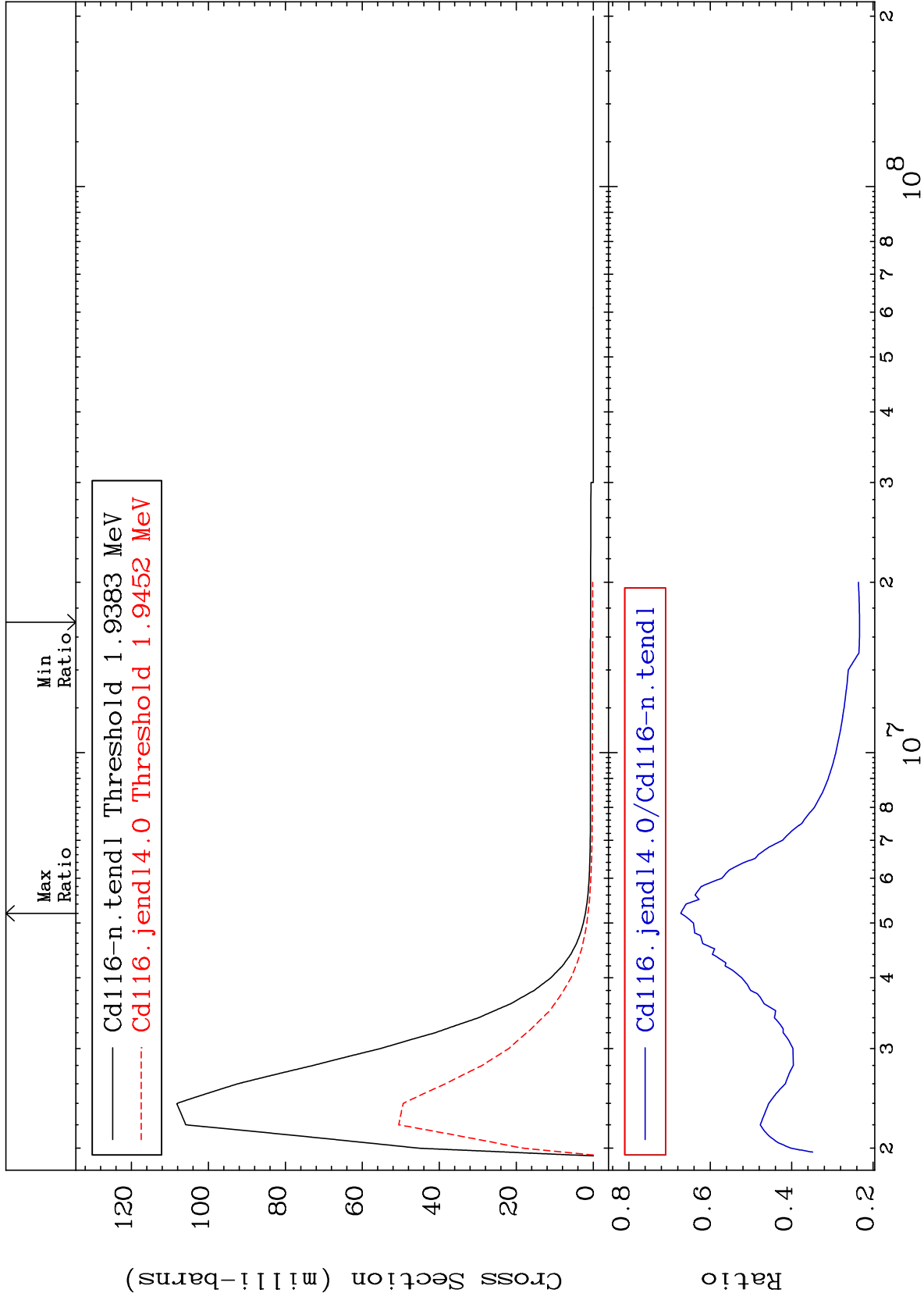
MAT 4855

1.922 MeV (n,n') Level

48-Cd-116

-76.66 To -32.75%

Cross Section



17

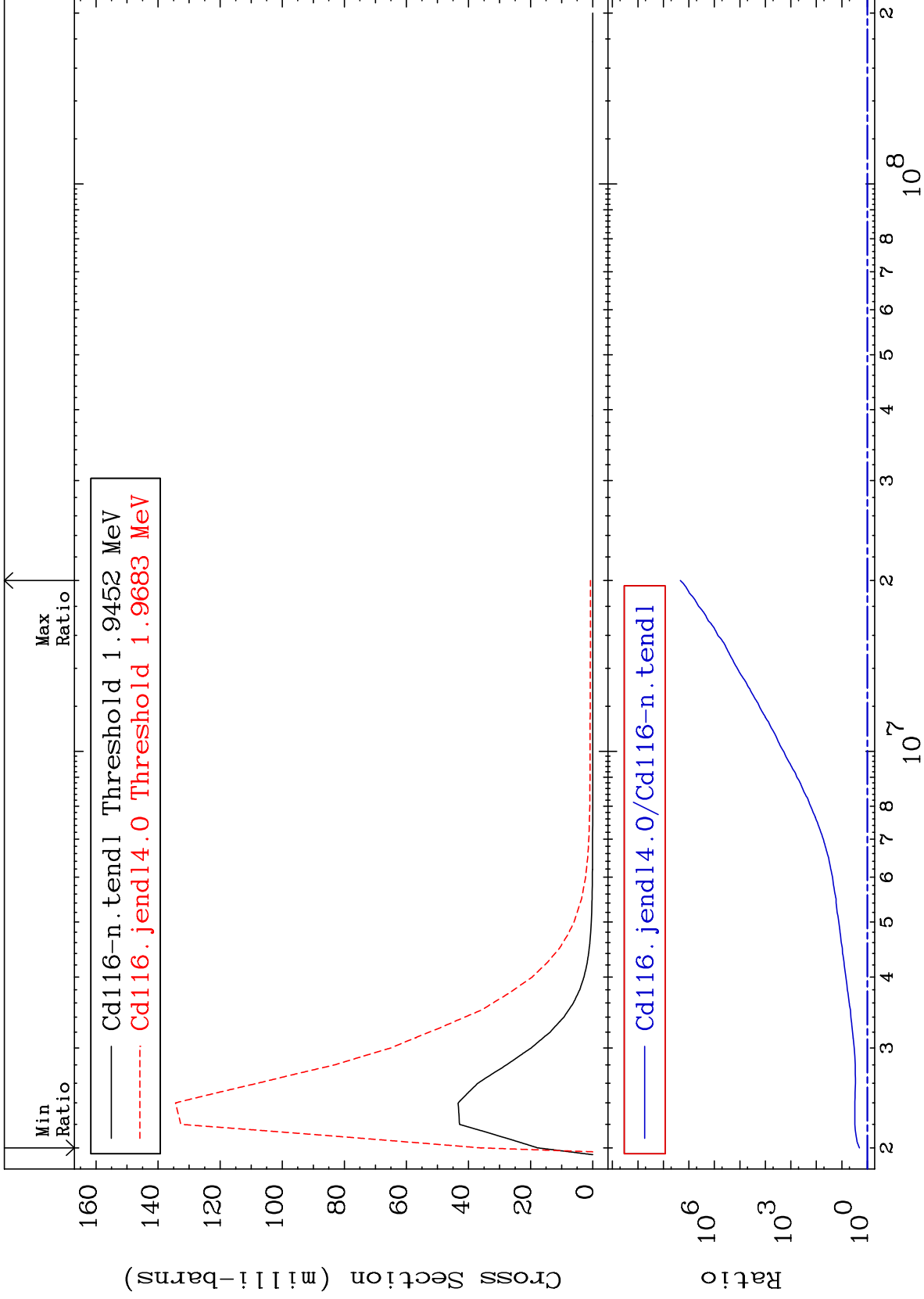
48-Cd-116

48-Cd-116

MAT 4855

1.928 MeV (n,n') Level
Cross Section

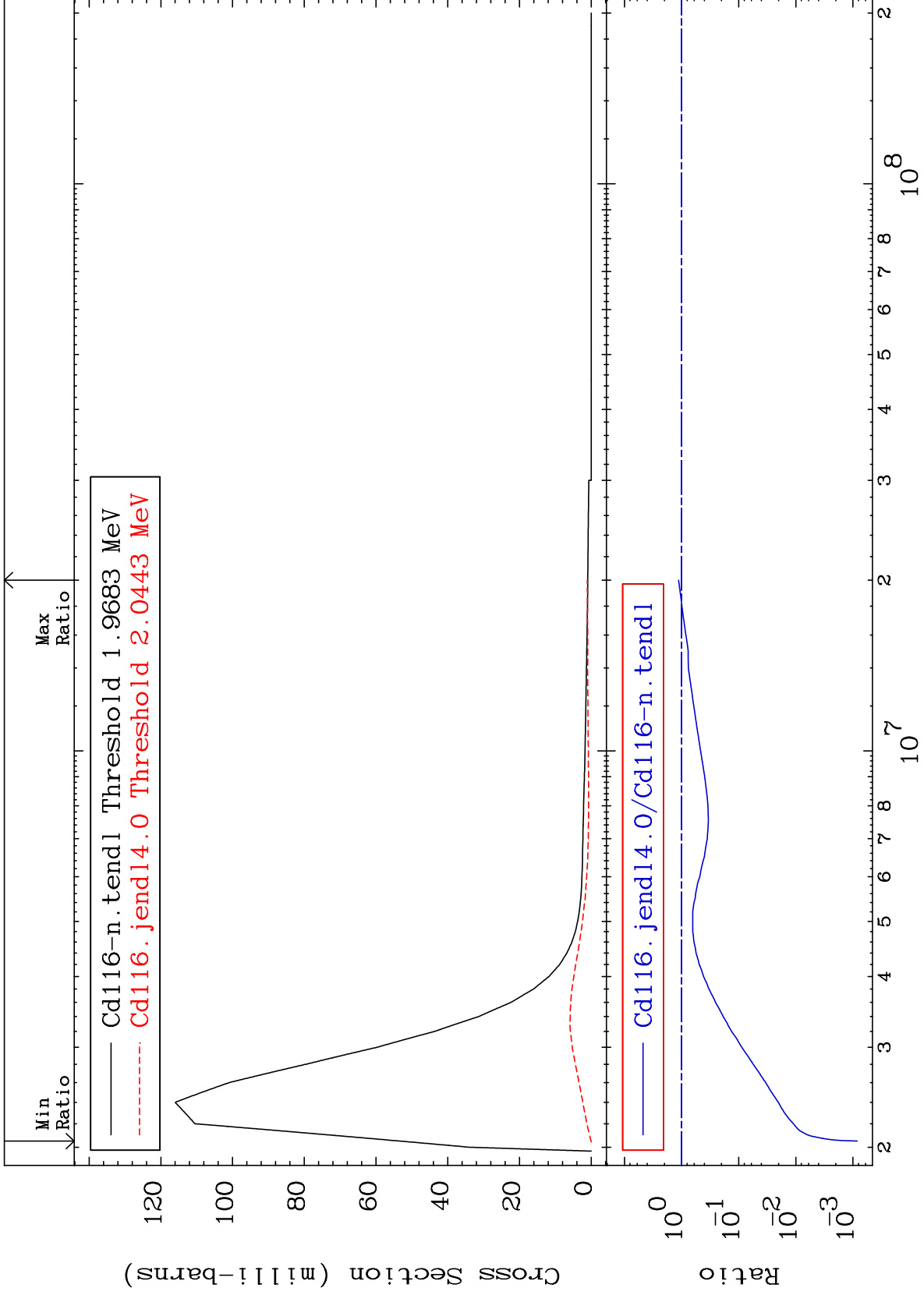
48-Cd-116
104.3 To 9999. %



MAT 4855

1.951 MeV (n,n') Level
Cross Section

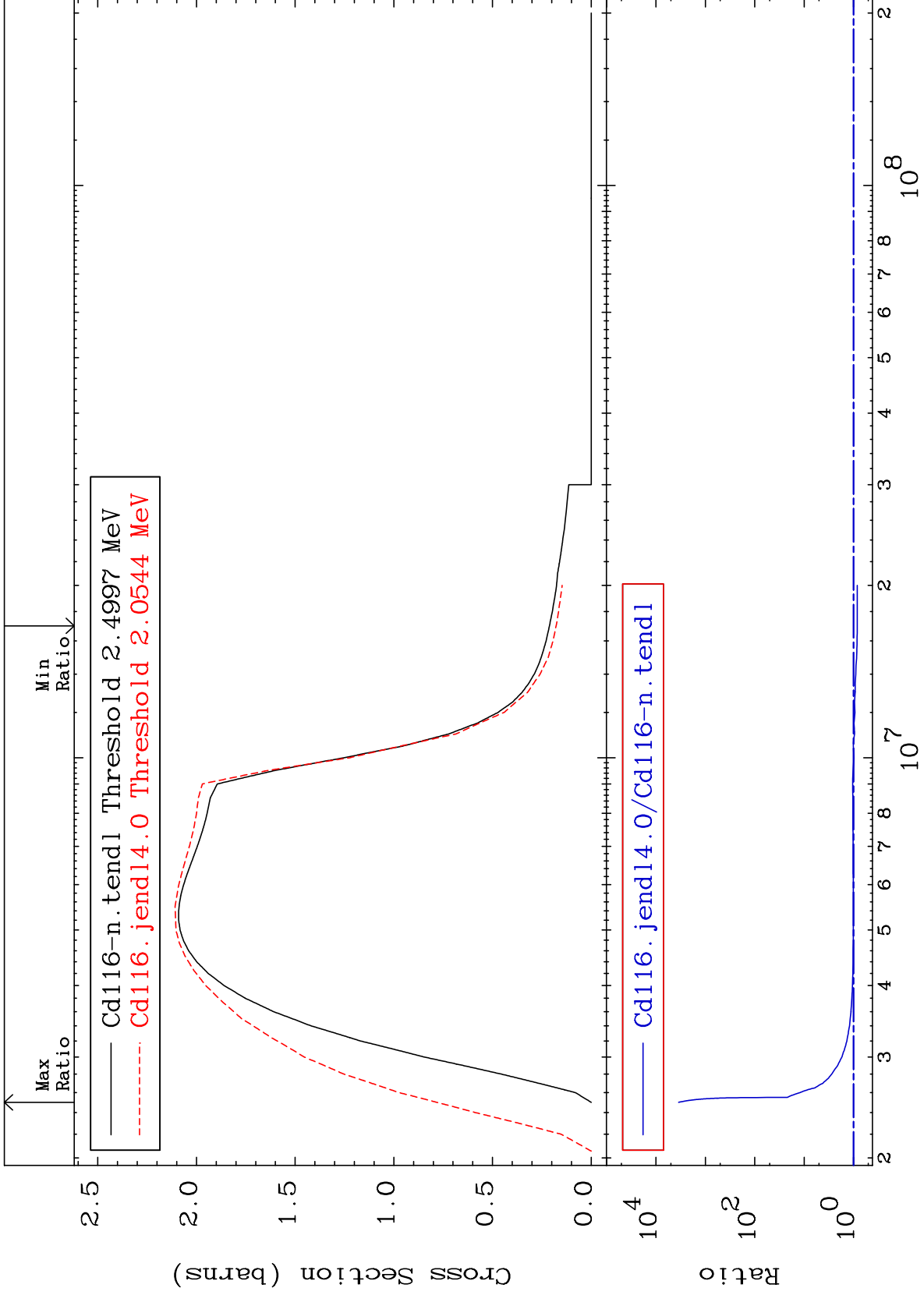
48-Cd-116
-99.92 To 12.58 %



MAT 4855

(n, n') Continuum
Cross Section

48-Cd-116
-16.10 To 9999. %



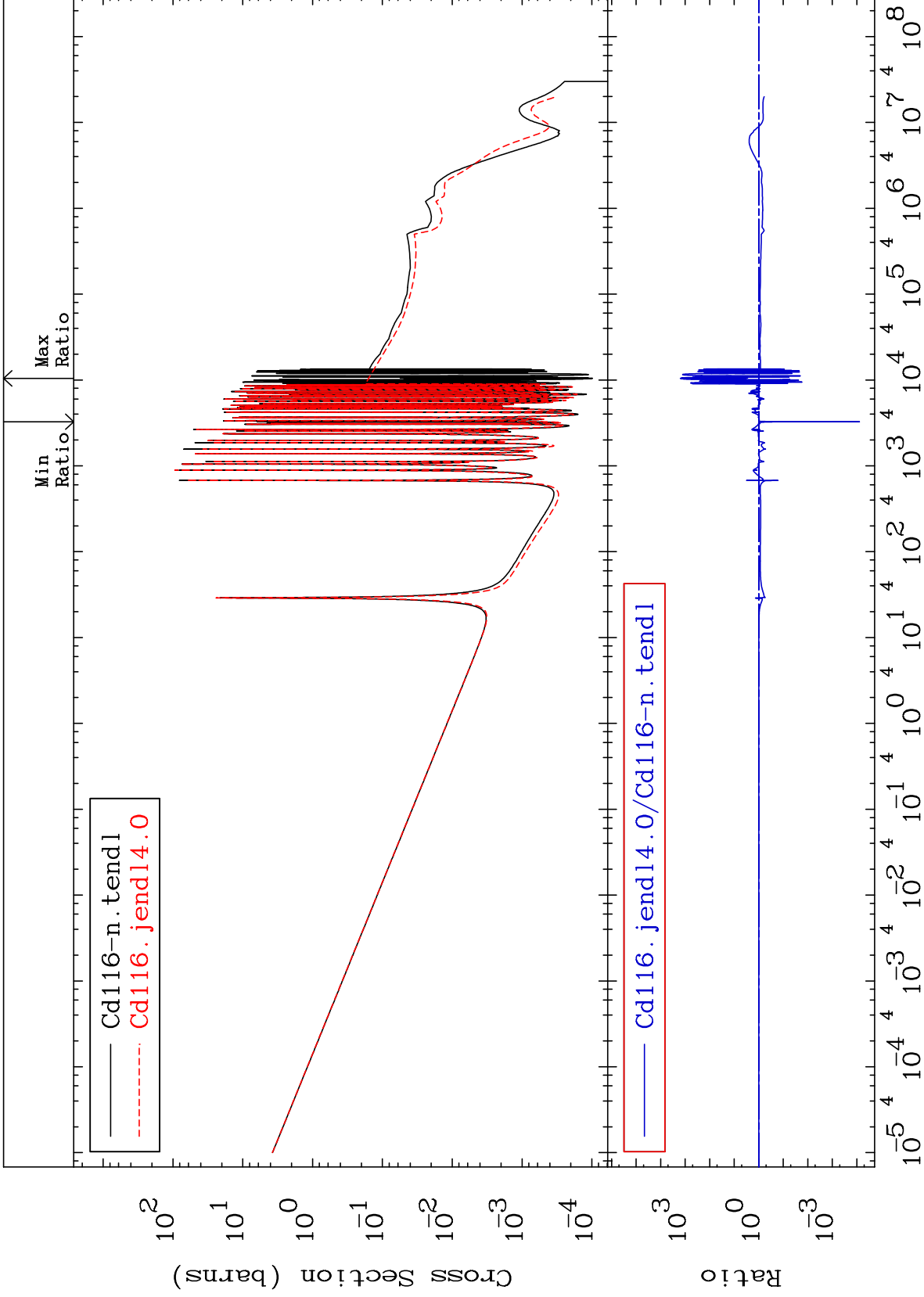
MAT 4855

(n, γ)

48-Cd-116

Cross Section

-99.99 To 9999. %



21

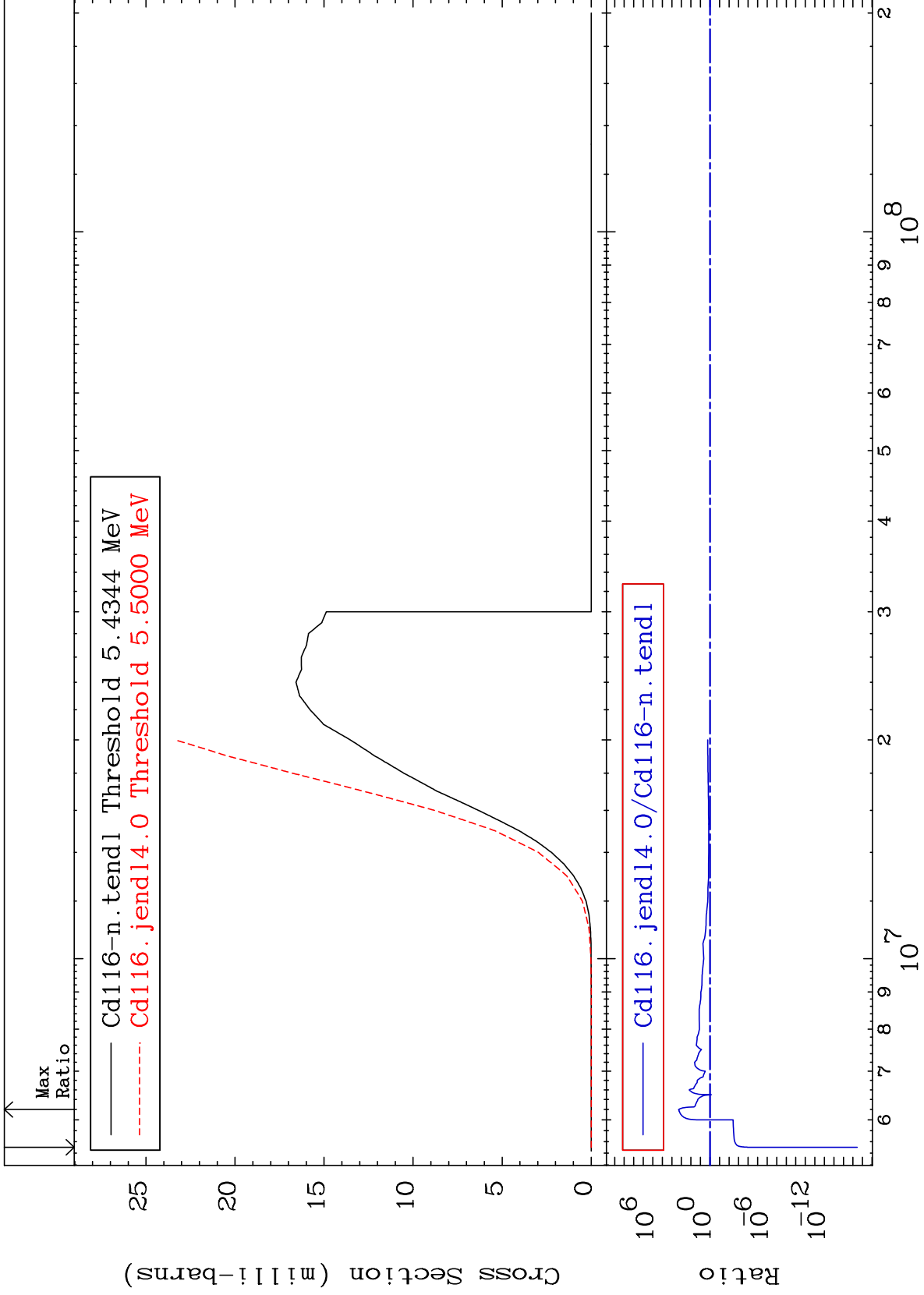
Incident Energy (eV)

48-Cd-116

MAT 4855

(n,p)
Cross Section

48-Cd-116
-100.0 To 9999. %



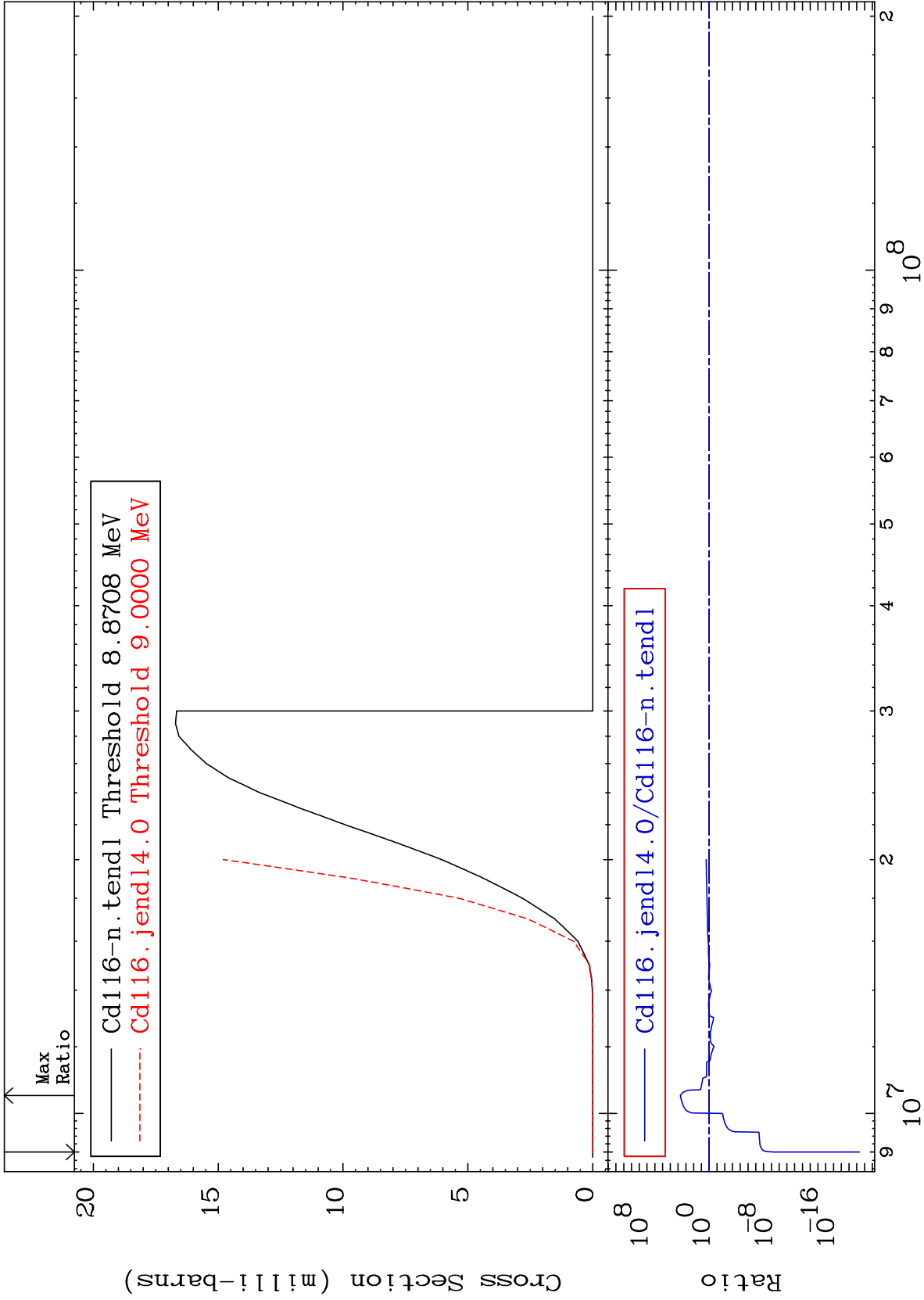
MAT 4855

(n, d)

48-Cd-116

Cross Section

-100.0 To 9999. %



23

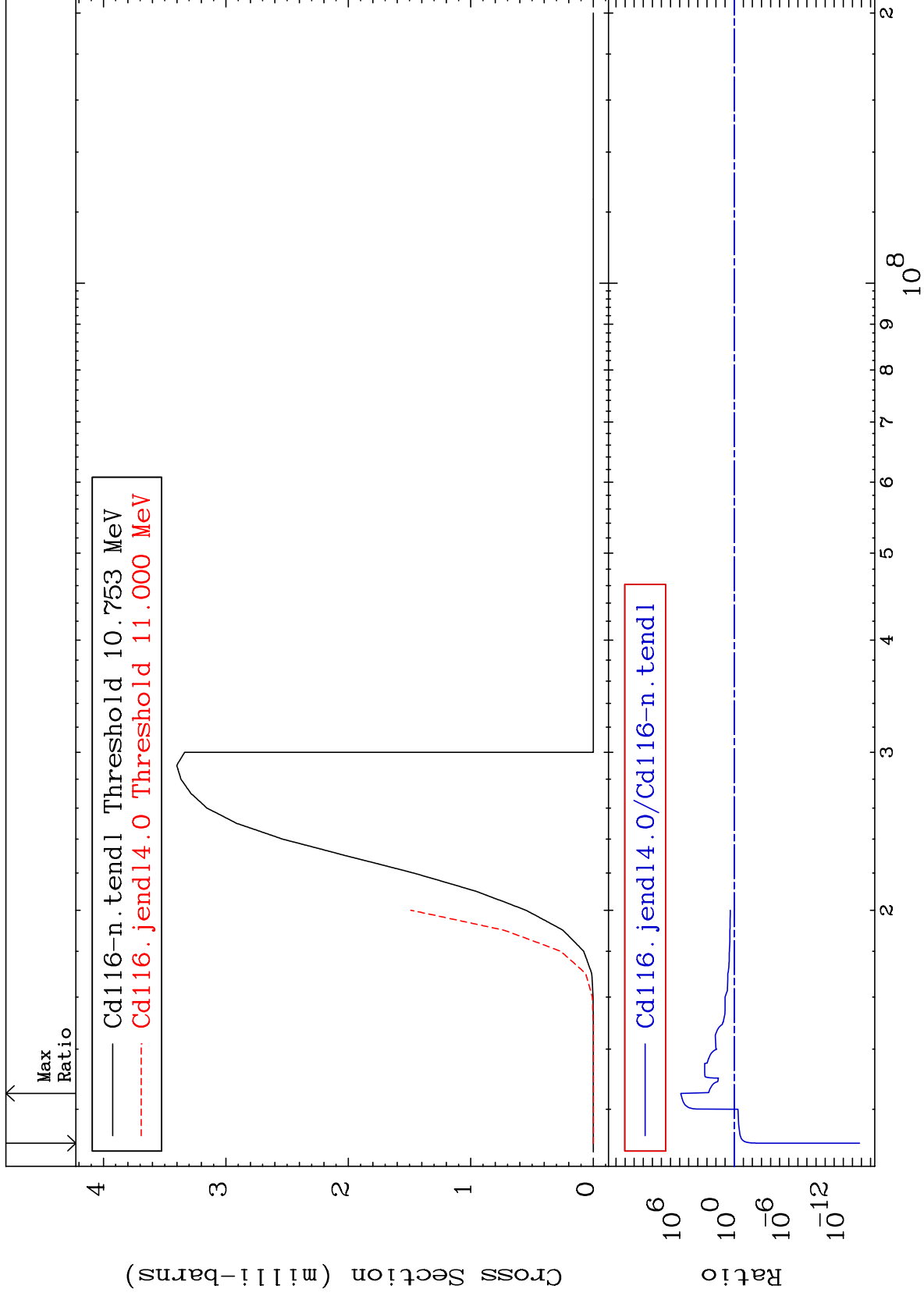
Incident Energy (eV)

48-Cd-116

MAT 4855

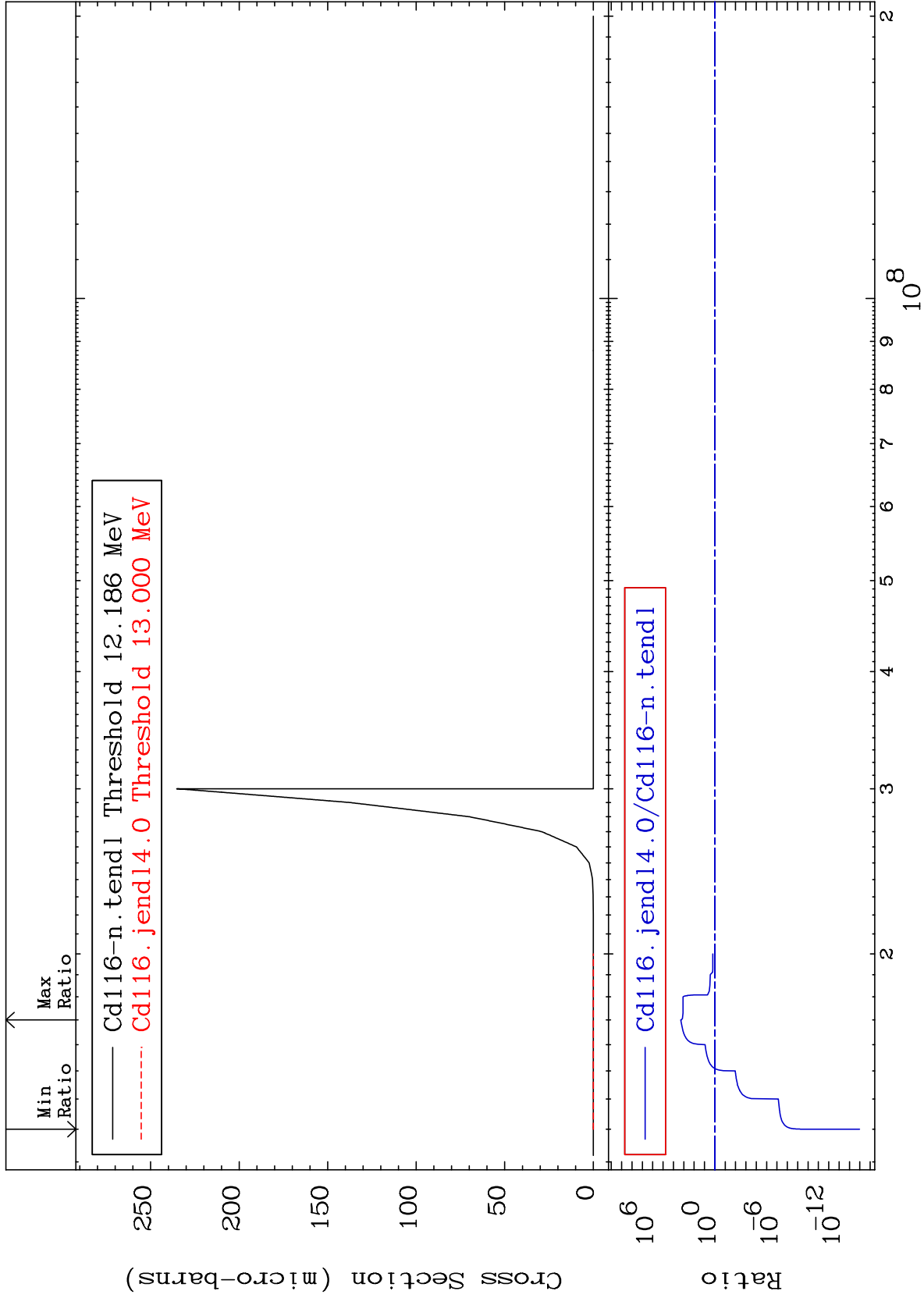
(n, t)
Cross Section

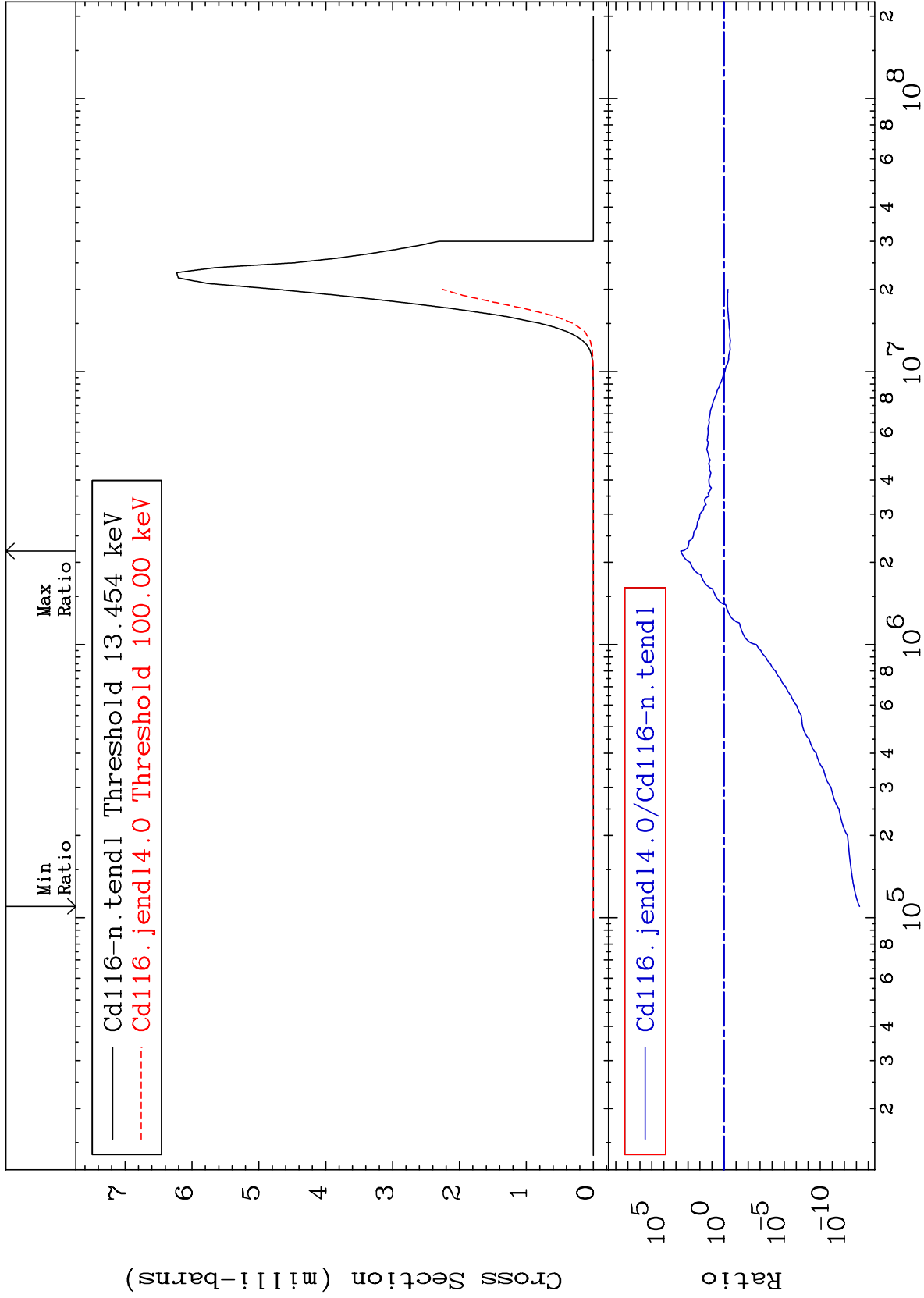
48-Cd-116
-100.0 To 9999. %



Cross Section

-100.0 To 9999. %

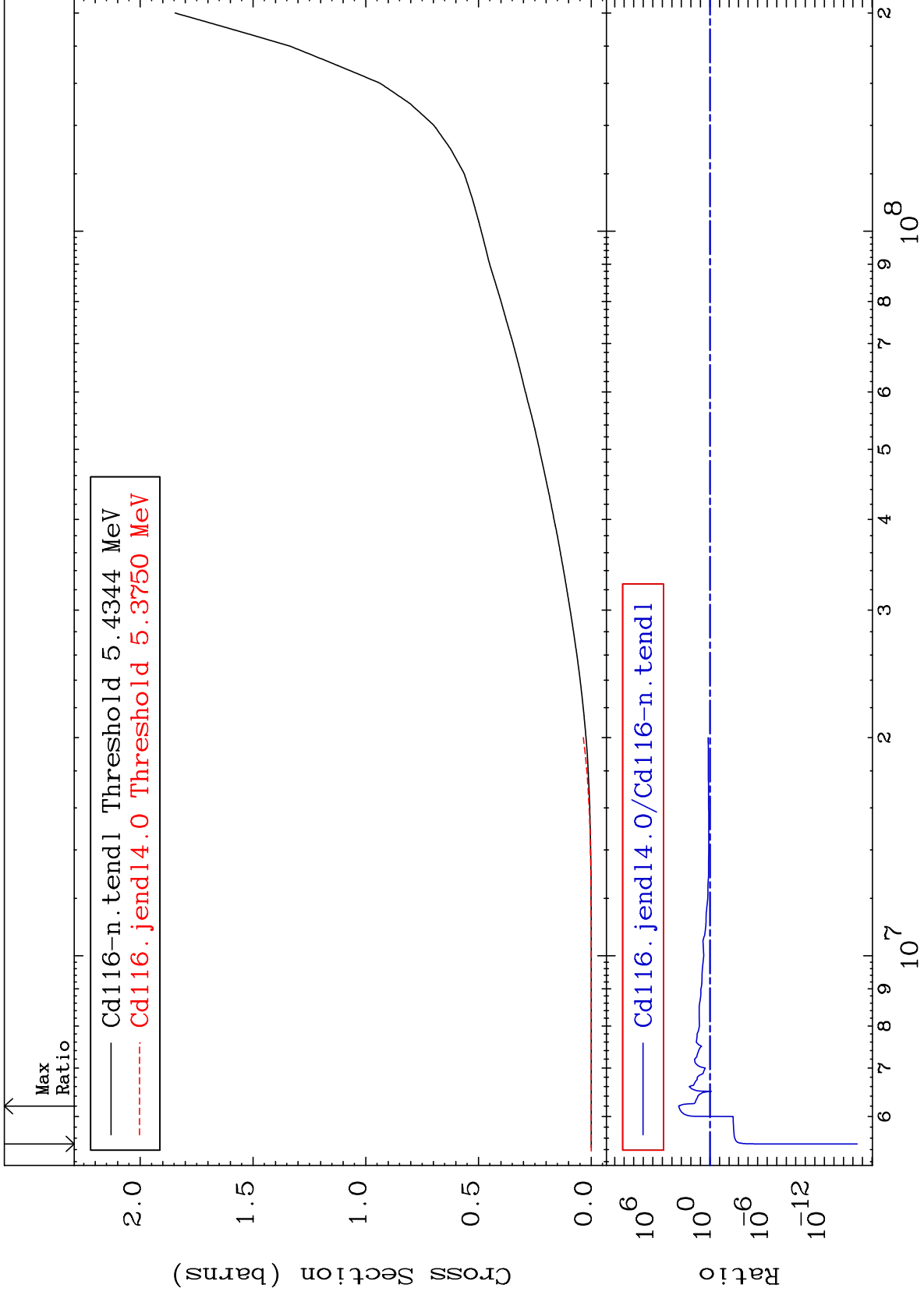




MAT 4855

Hydrogen Production
Cross Section

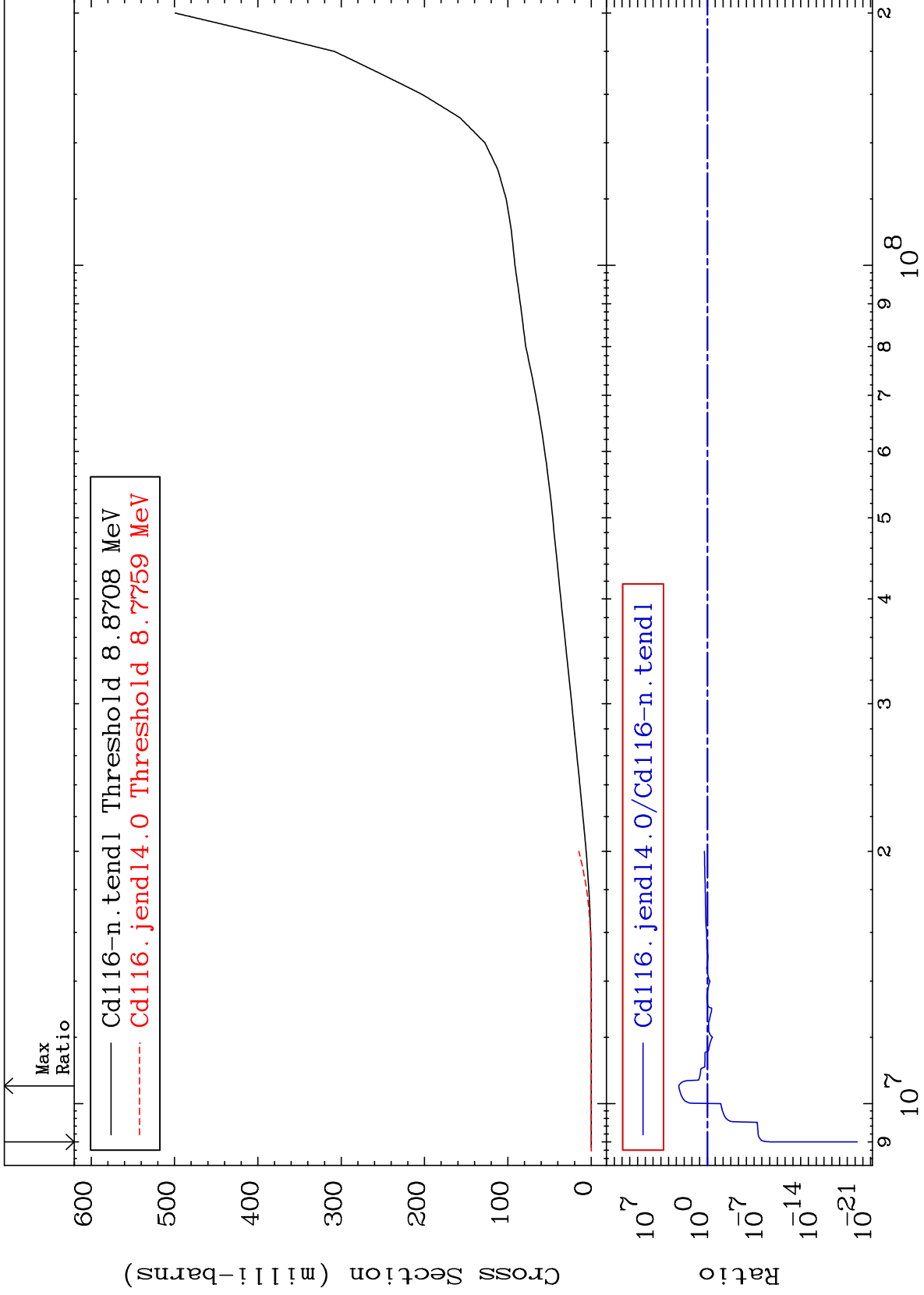
48-Cd-116
-100.0 To 9999. %



MAT 4855

Deuterium Production
Cross Section

48-Cd-116
-100.0 To 9999. %



28

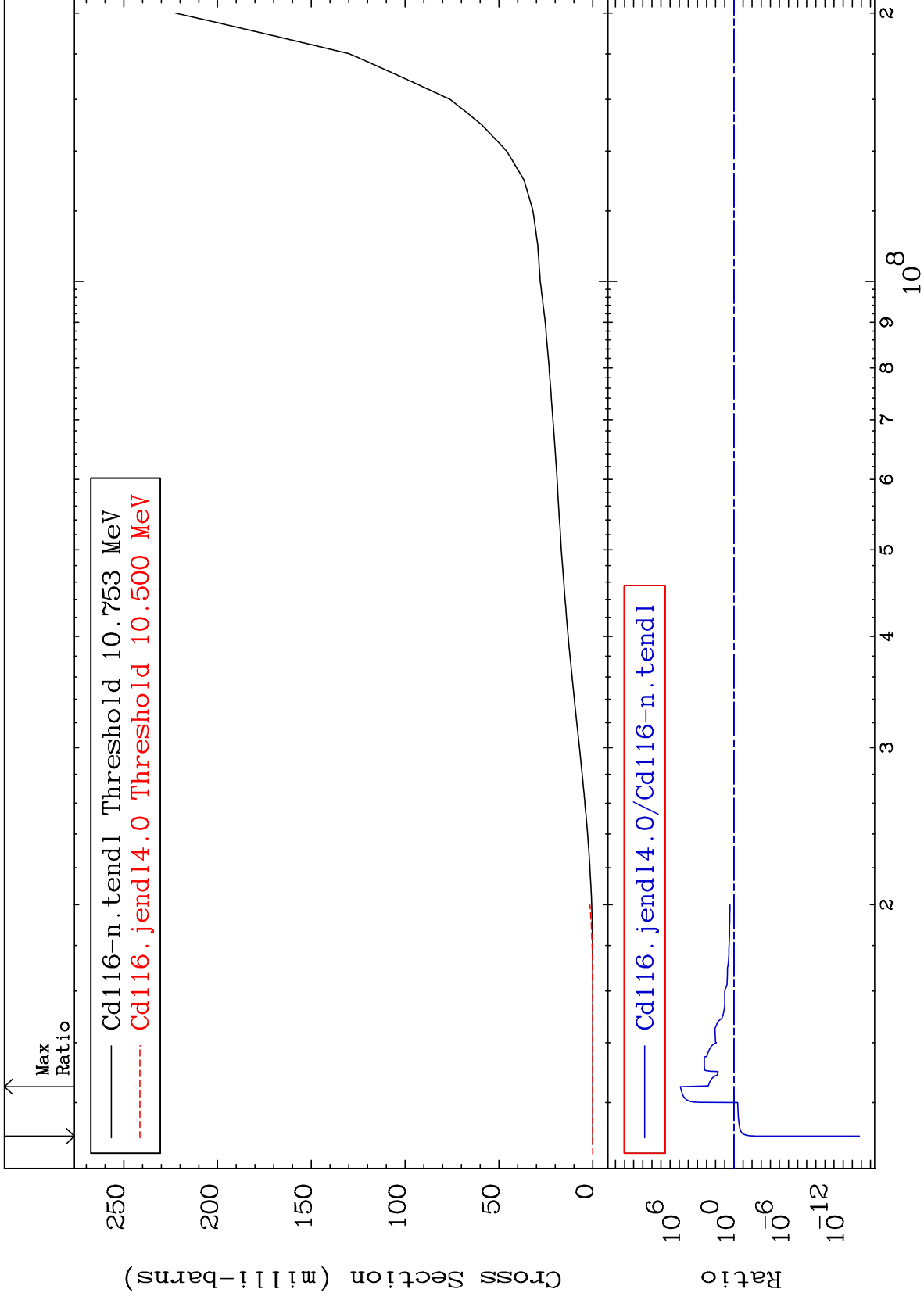
Incident Energy (eV)

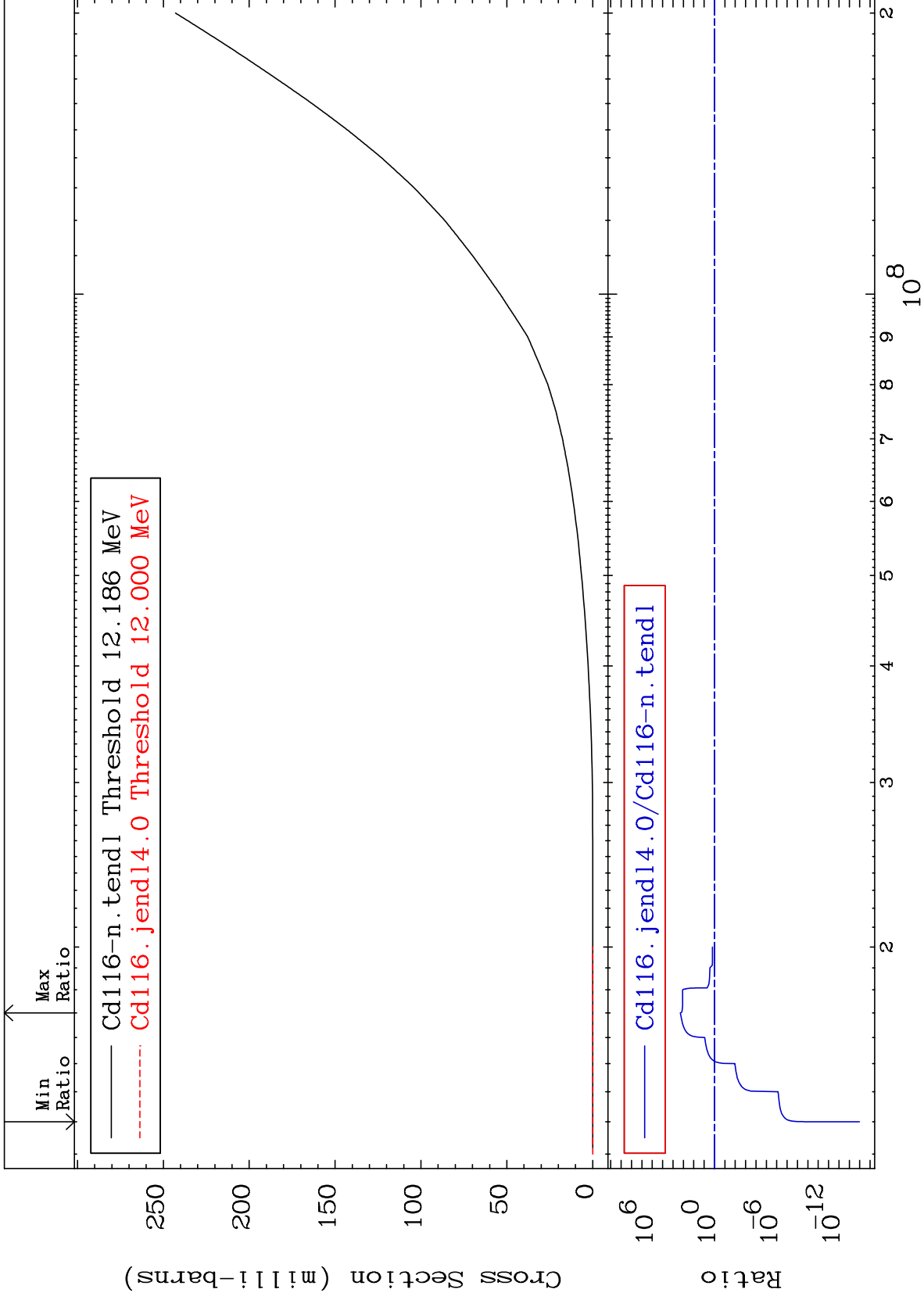
48-Cd-116

MAT 4855

Tritium Production
Cross Section

48-Cd-116
-100.0 To 9999. %

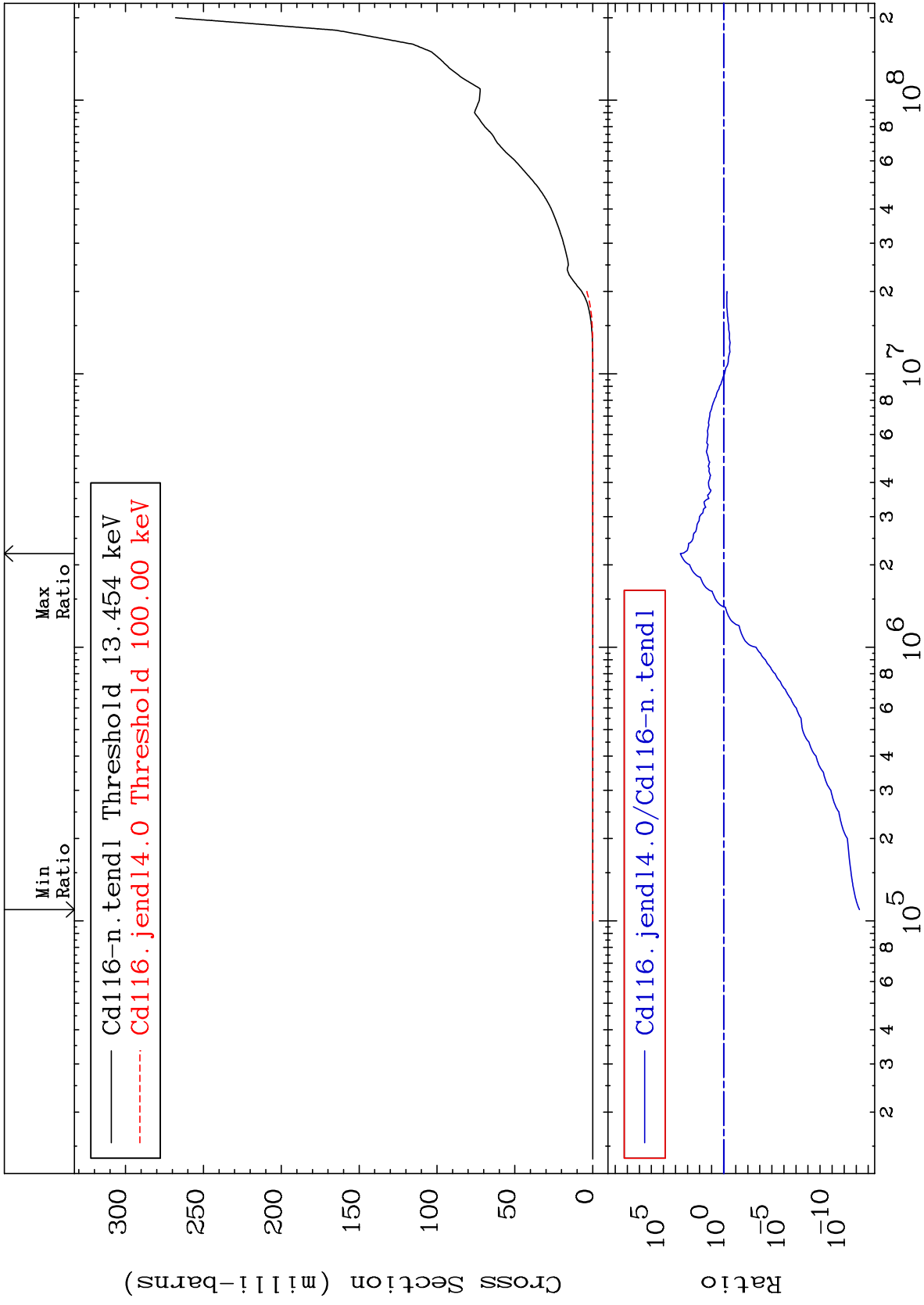




MAT 4855

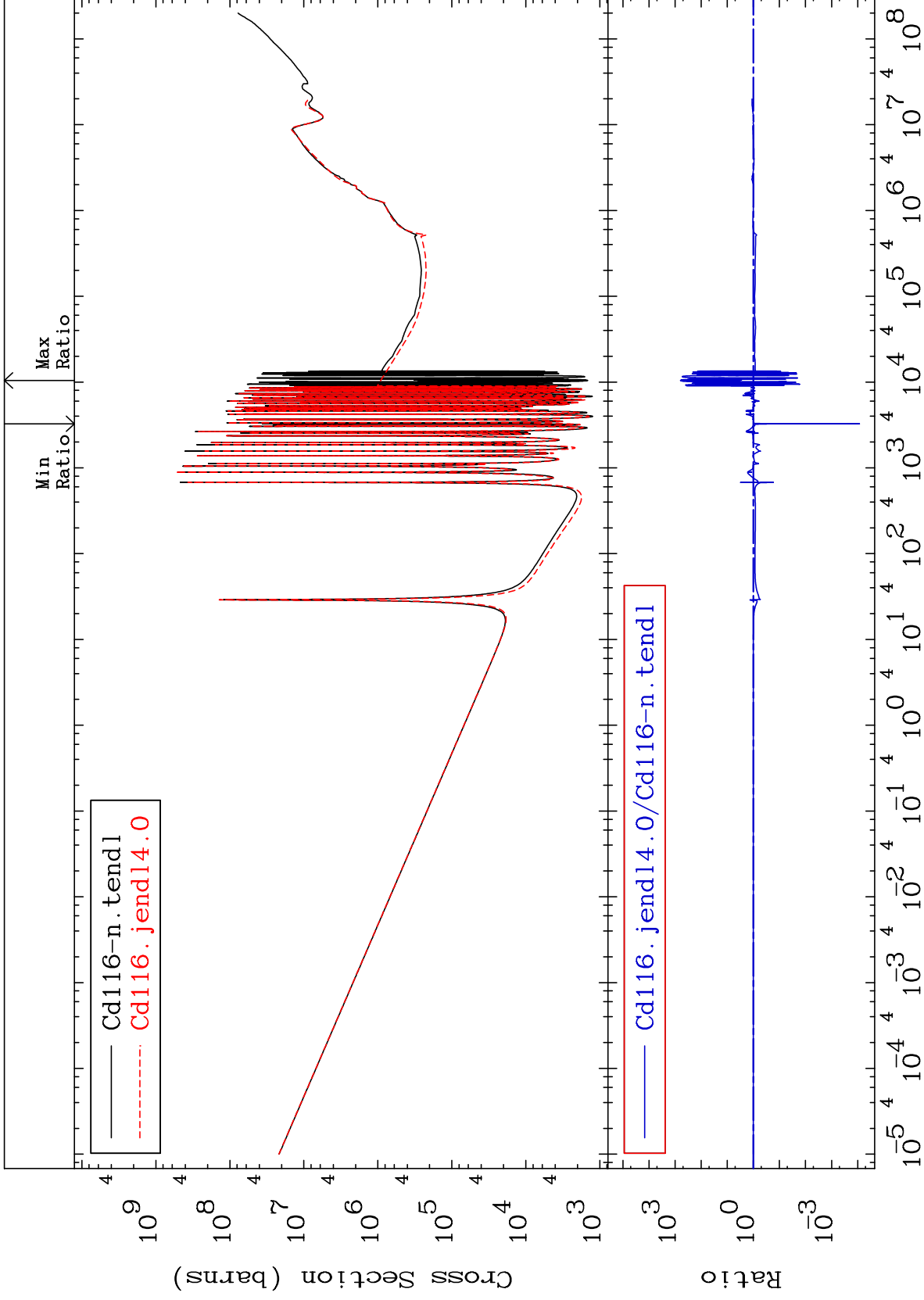
He-4 Production
Cross Section

48-Cd-116
-100.0 To 9999. %



Cross Section

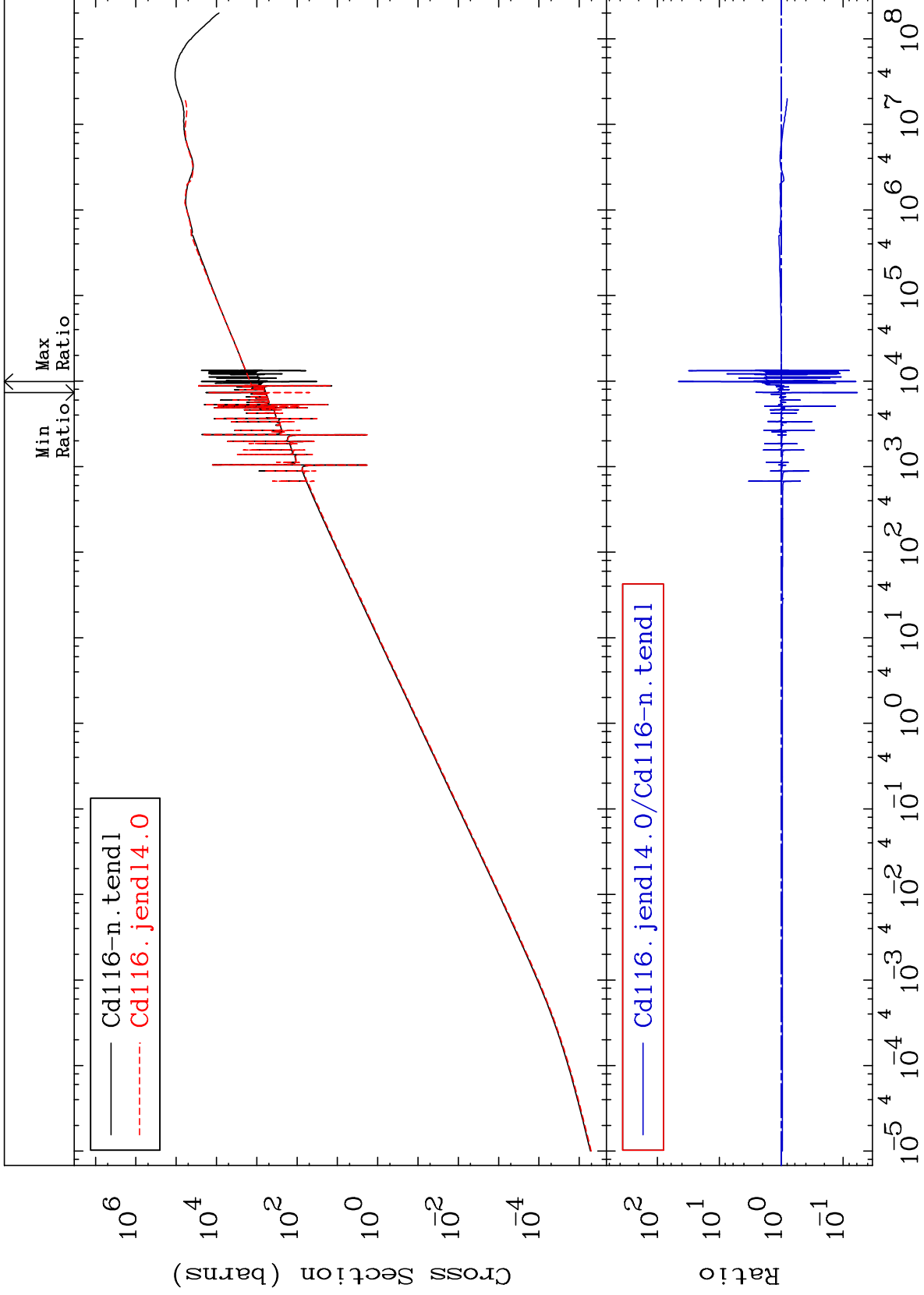
-99.99 To 9999. %

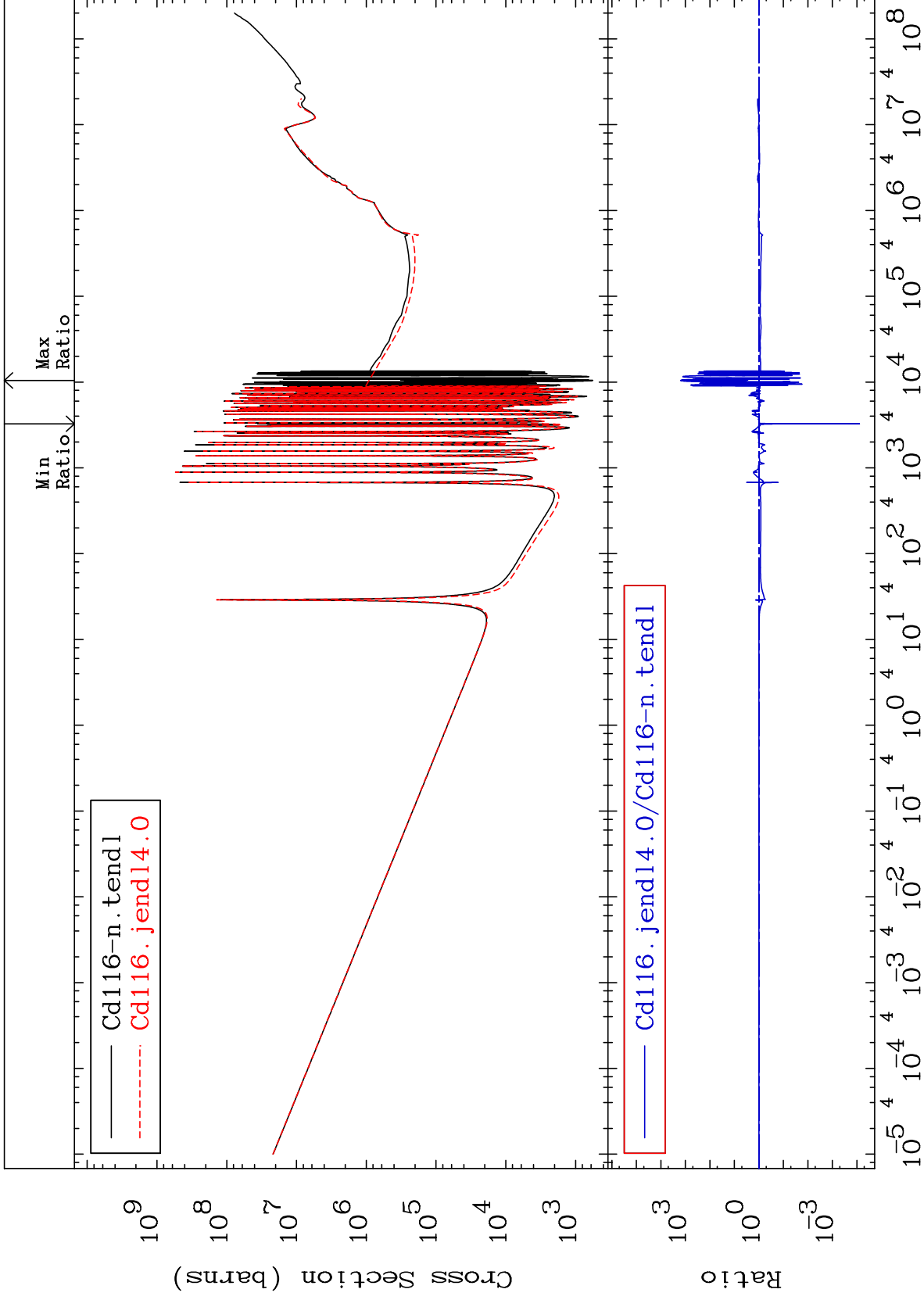


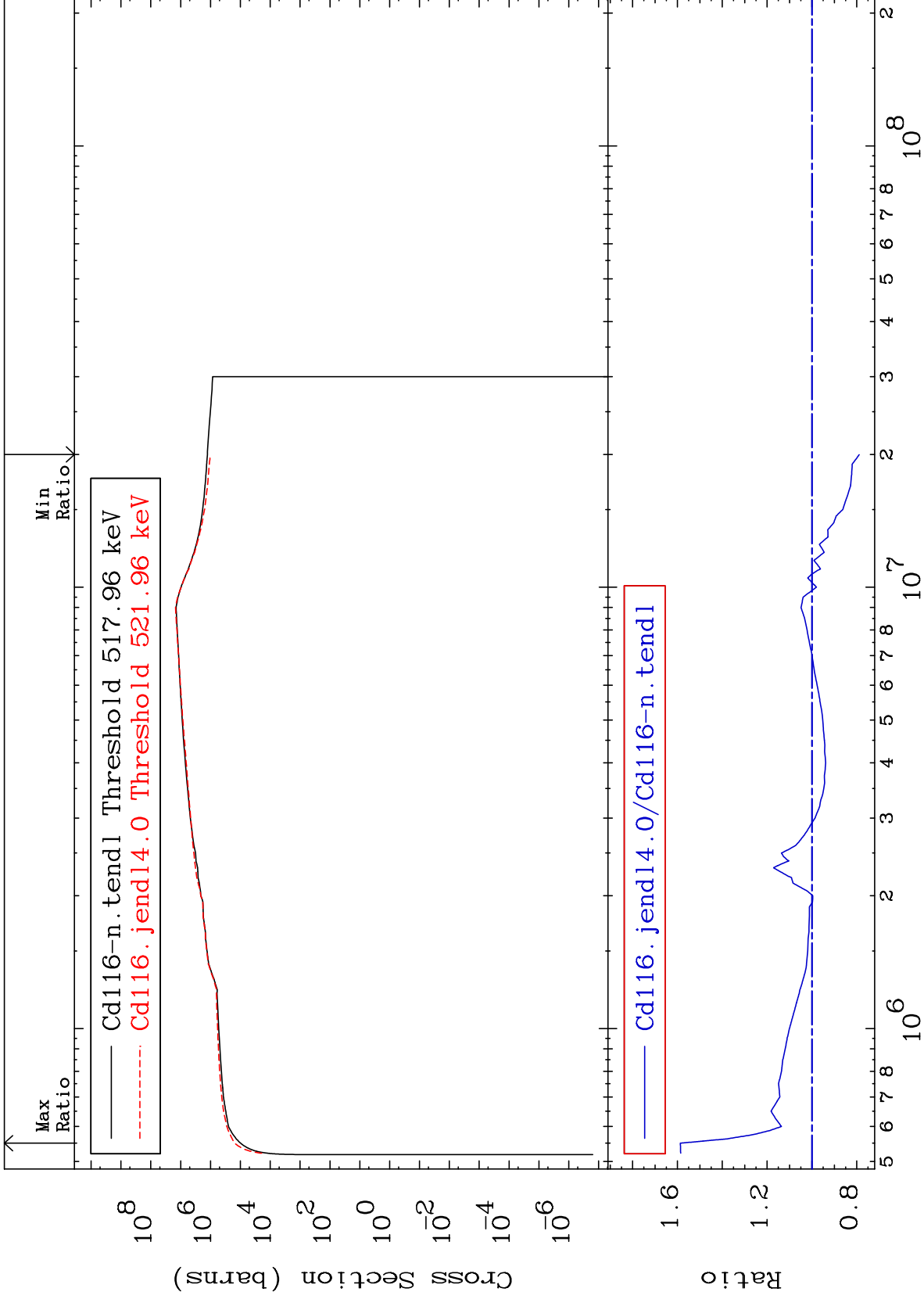
MAT 4855

Kerma elastic
Cross Section

48-Cd-116
-94.10 To 4437. %



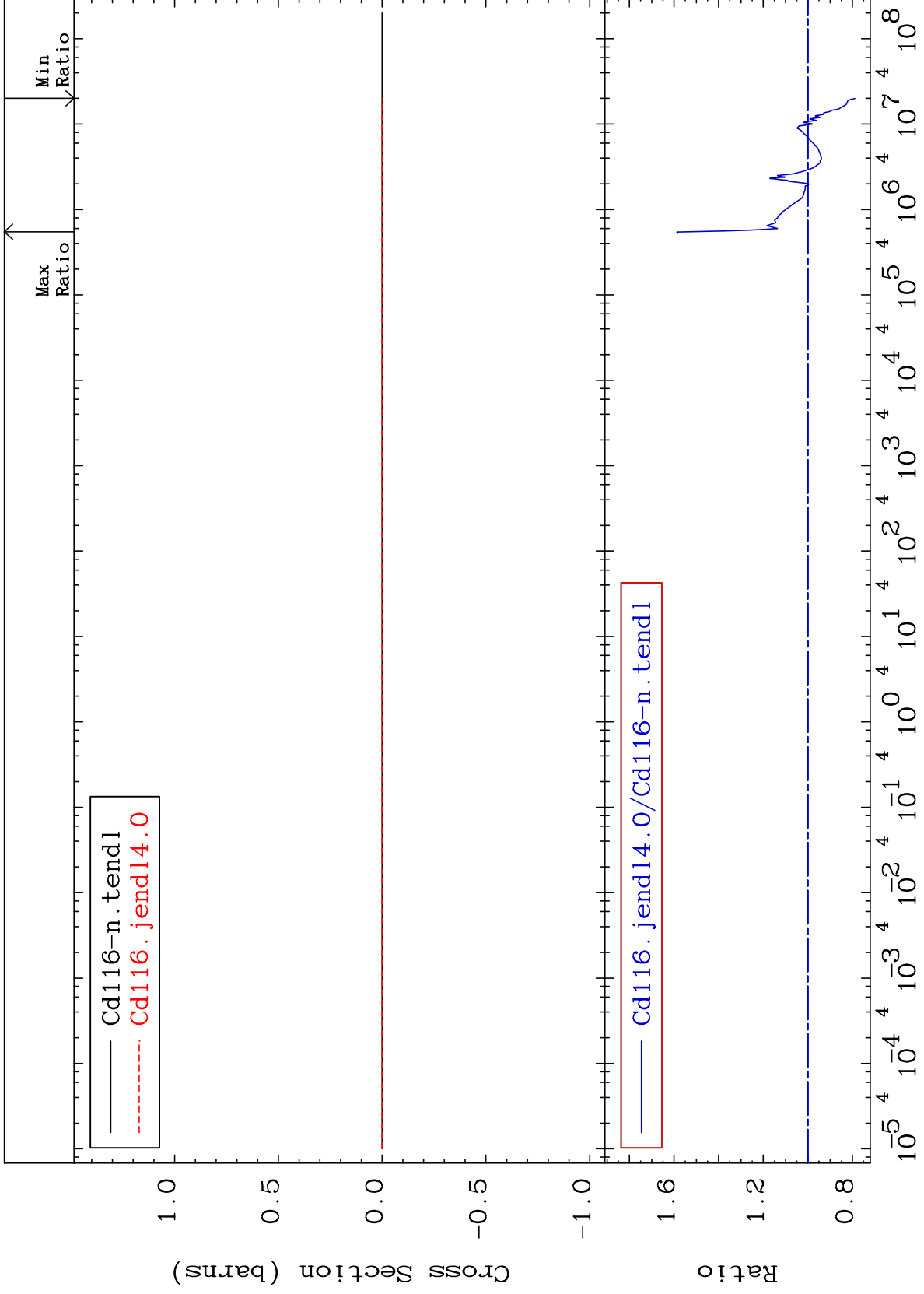




MAT 4855

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

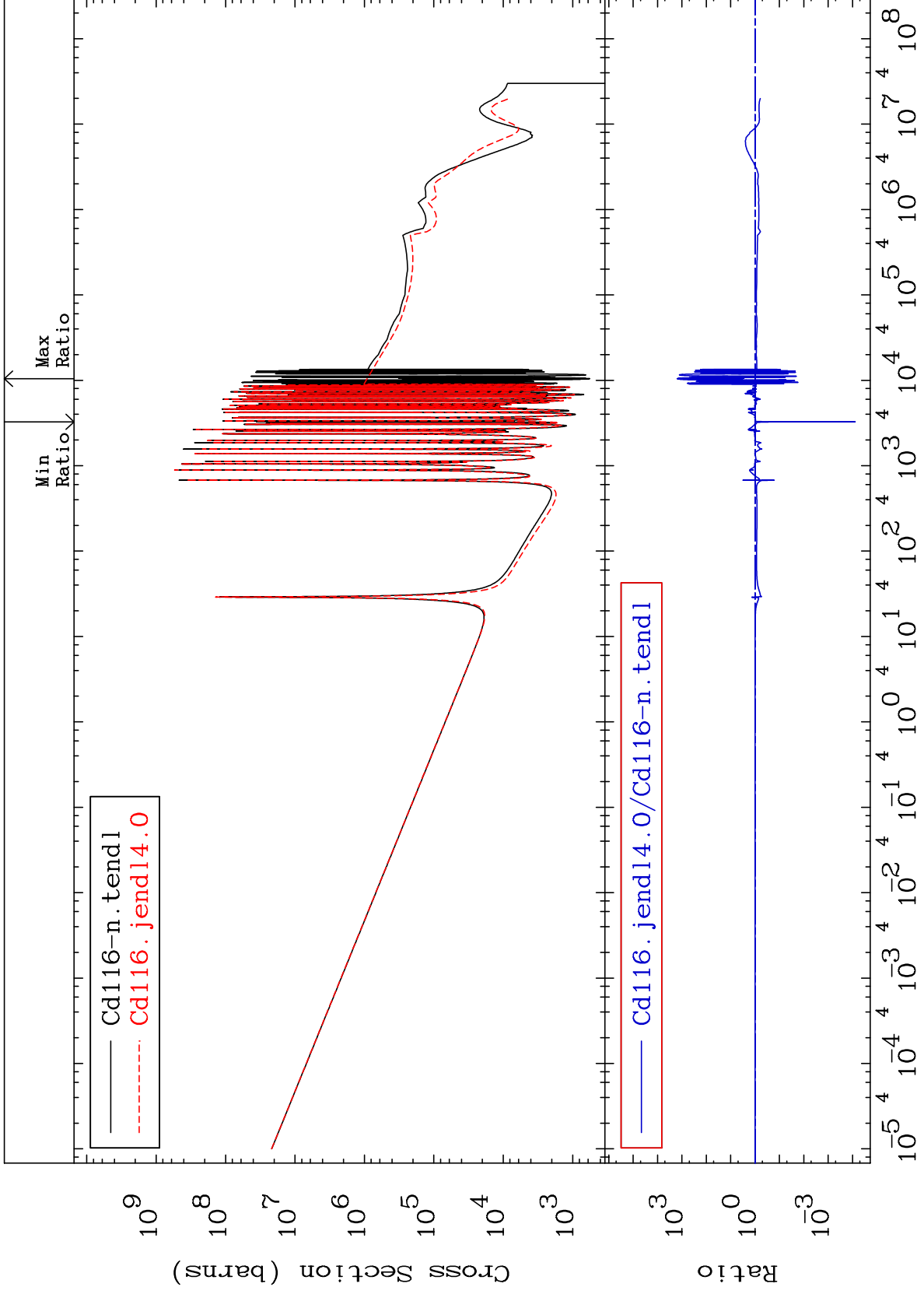
48-Cd-116
-21.17 To 58.72 %



MAT 4855

Kerma capture (mt102)
Cross Section

48-Cd-116
-99.99 To 9999. %



37

Incident Energy (eV)

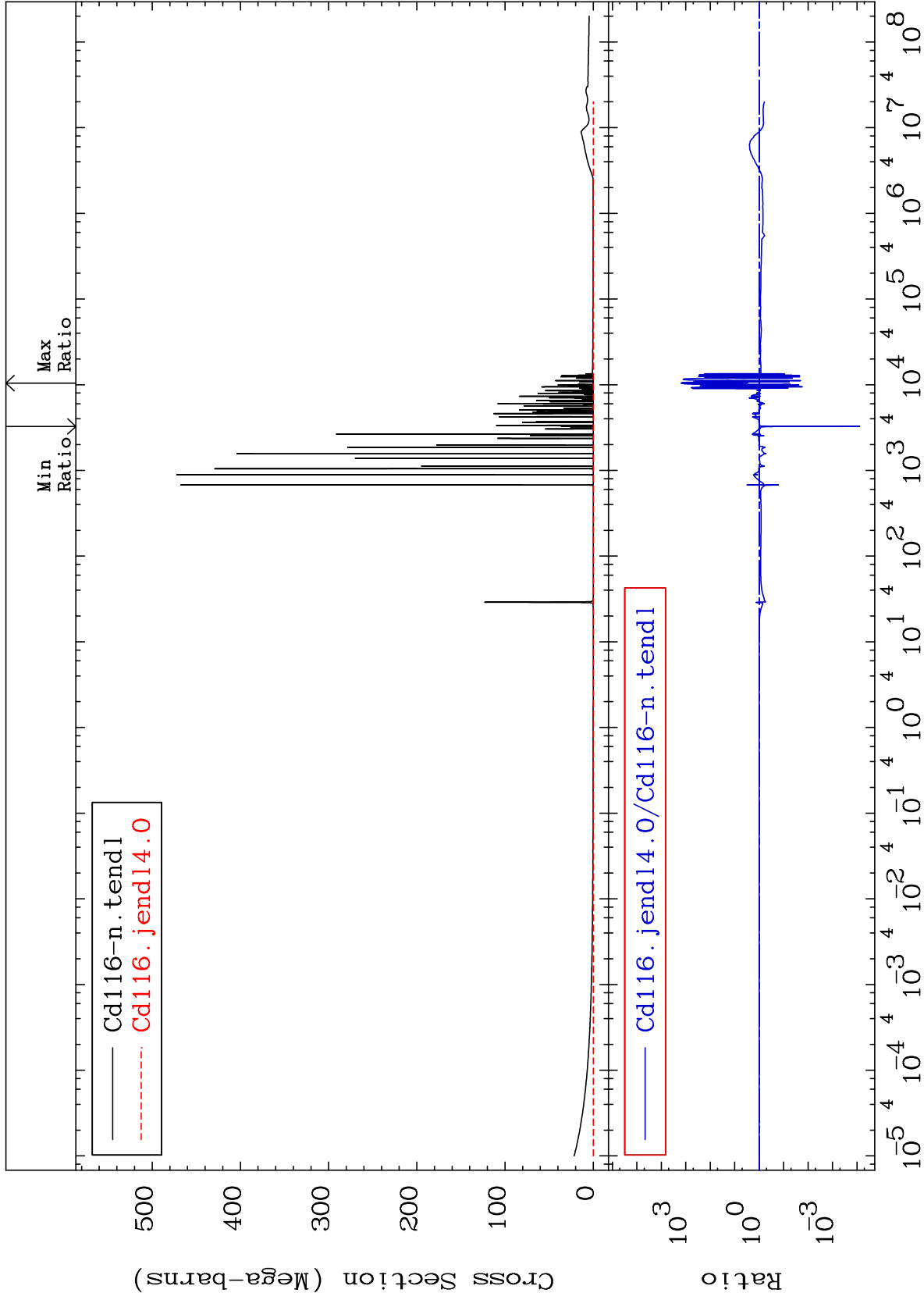
48-Cd-116

MAT 4855

Total photon (eV-barns)
Cross Section

48-Cd-116

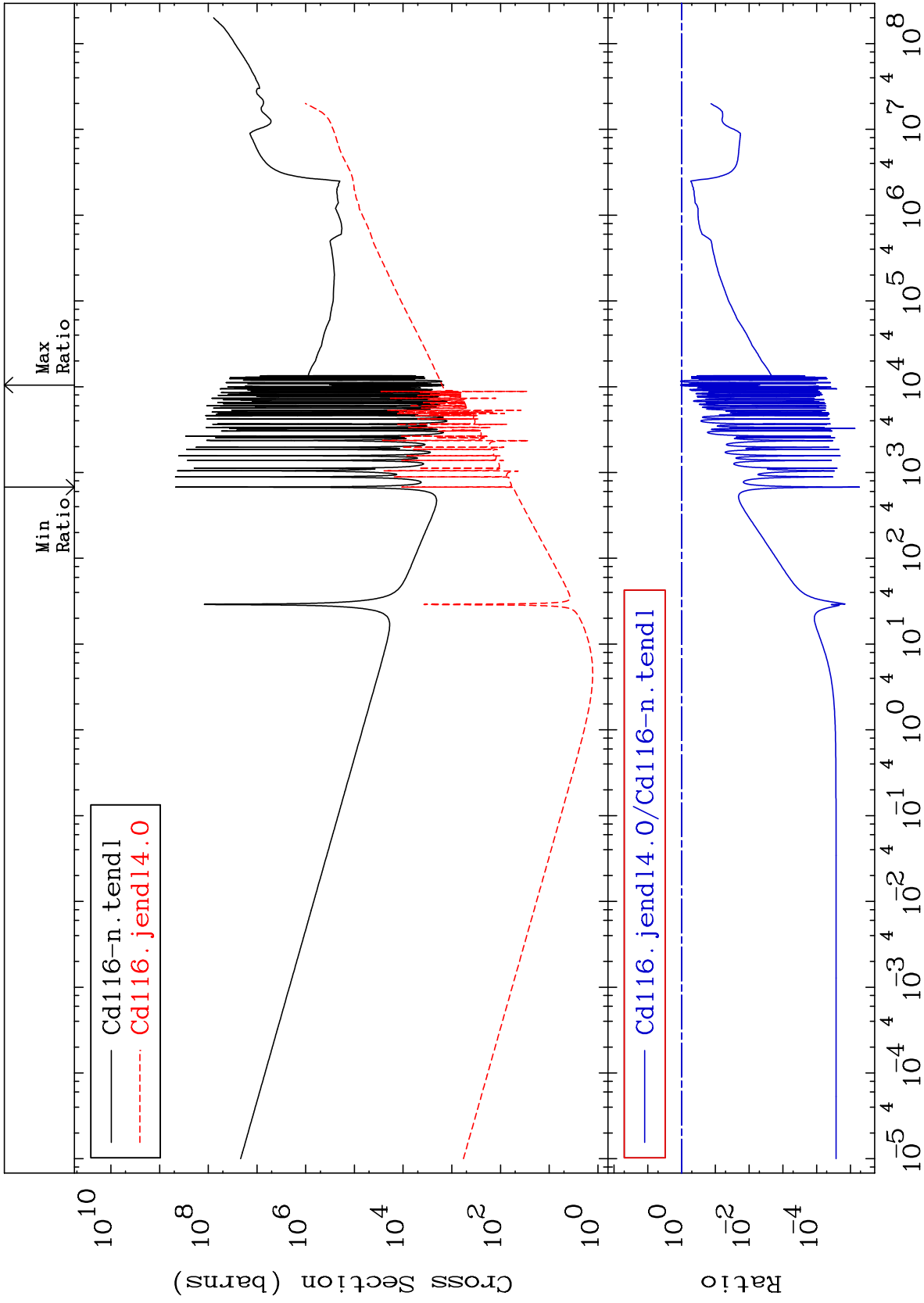
-99.99 To 9999. %



38

Incident Energy (eV)

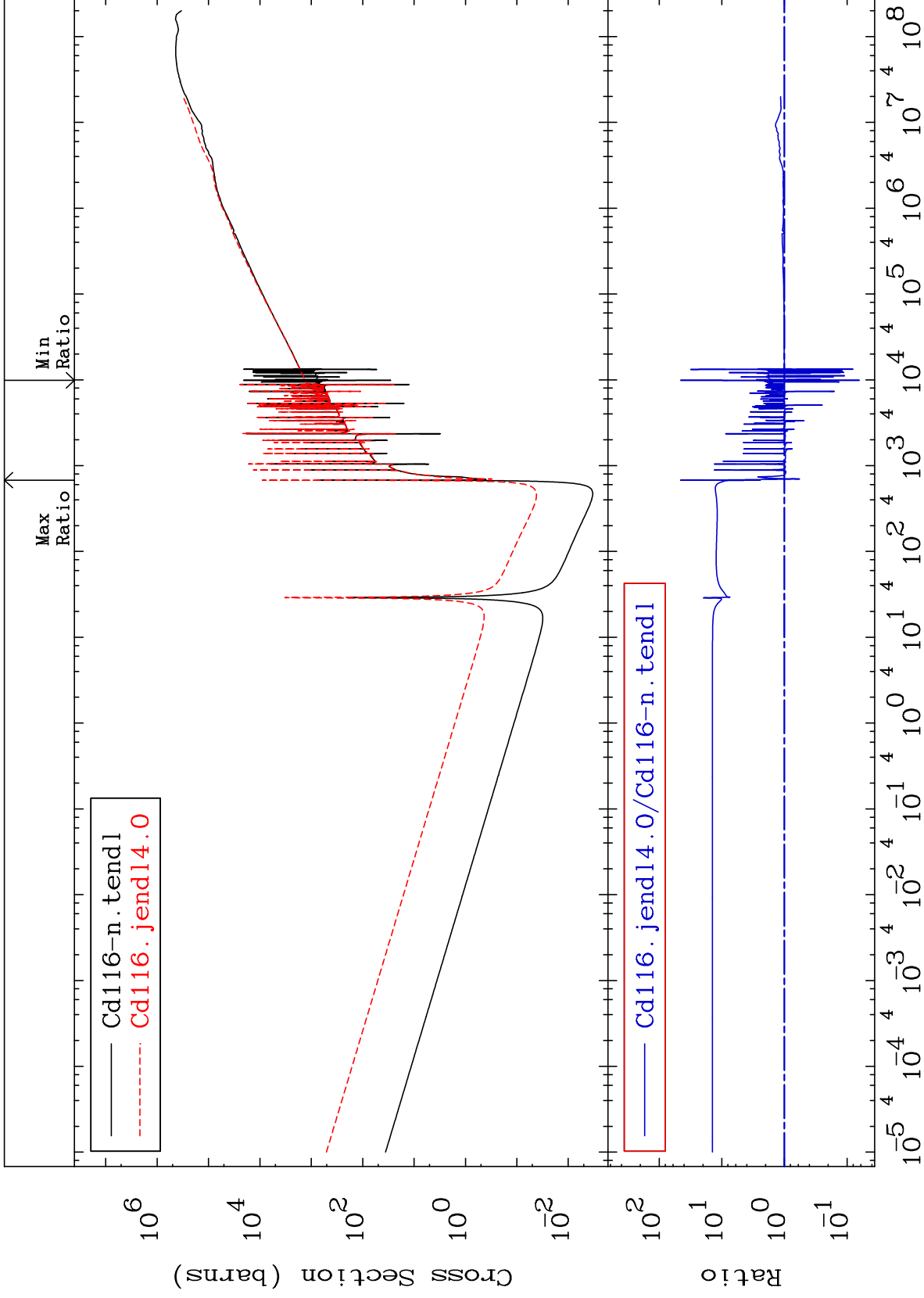
48-Cd-116



MAT 4855

Dpa total (eV-barns)
Cross Section

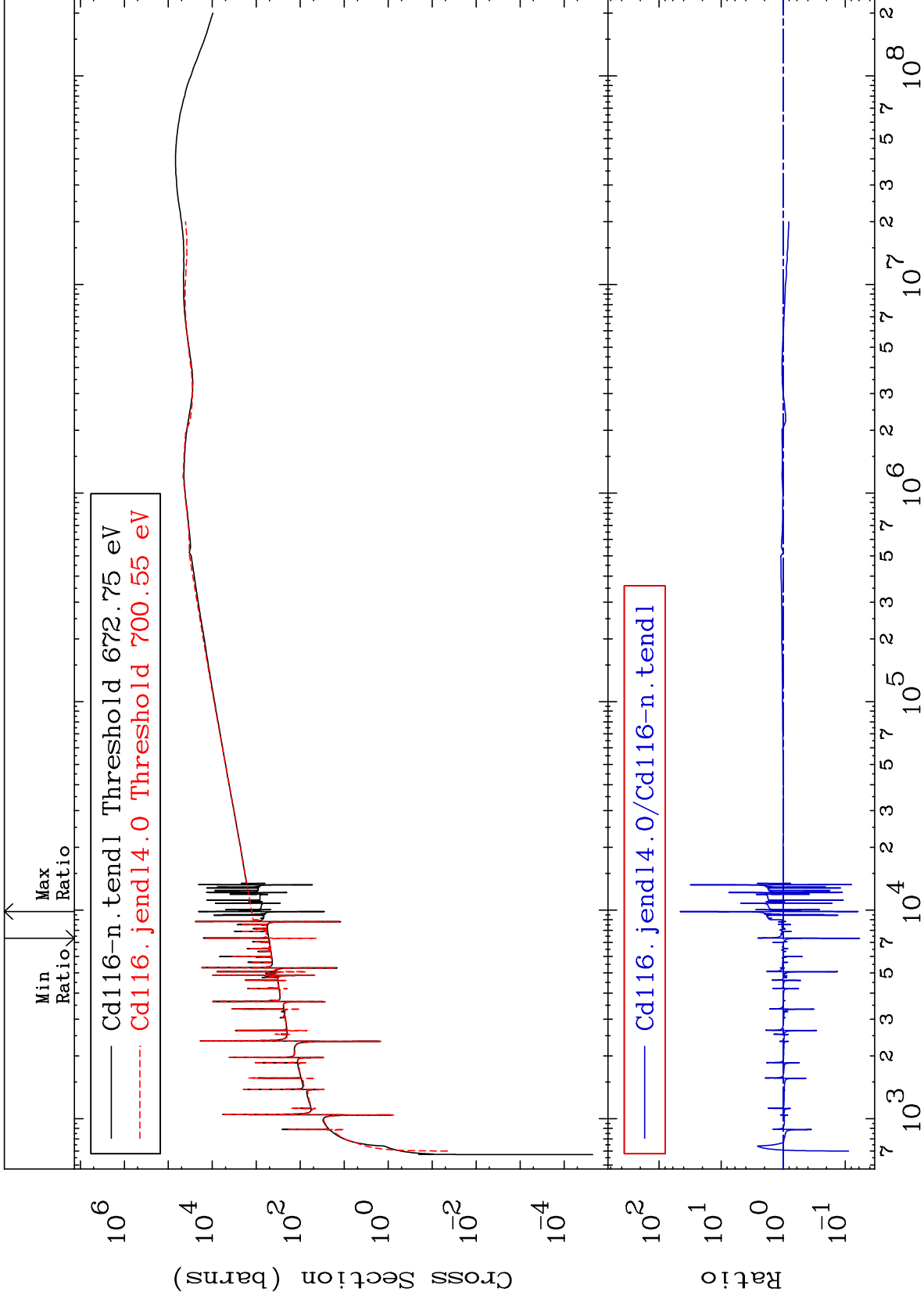
48-Cd-116
-93.66 To 4496. %



40

Incident Energy (eV)

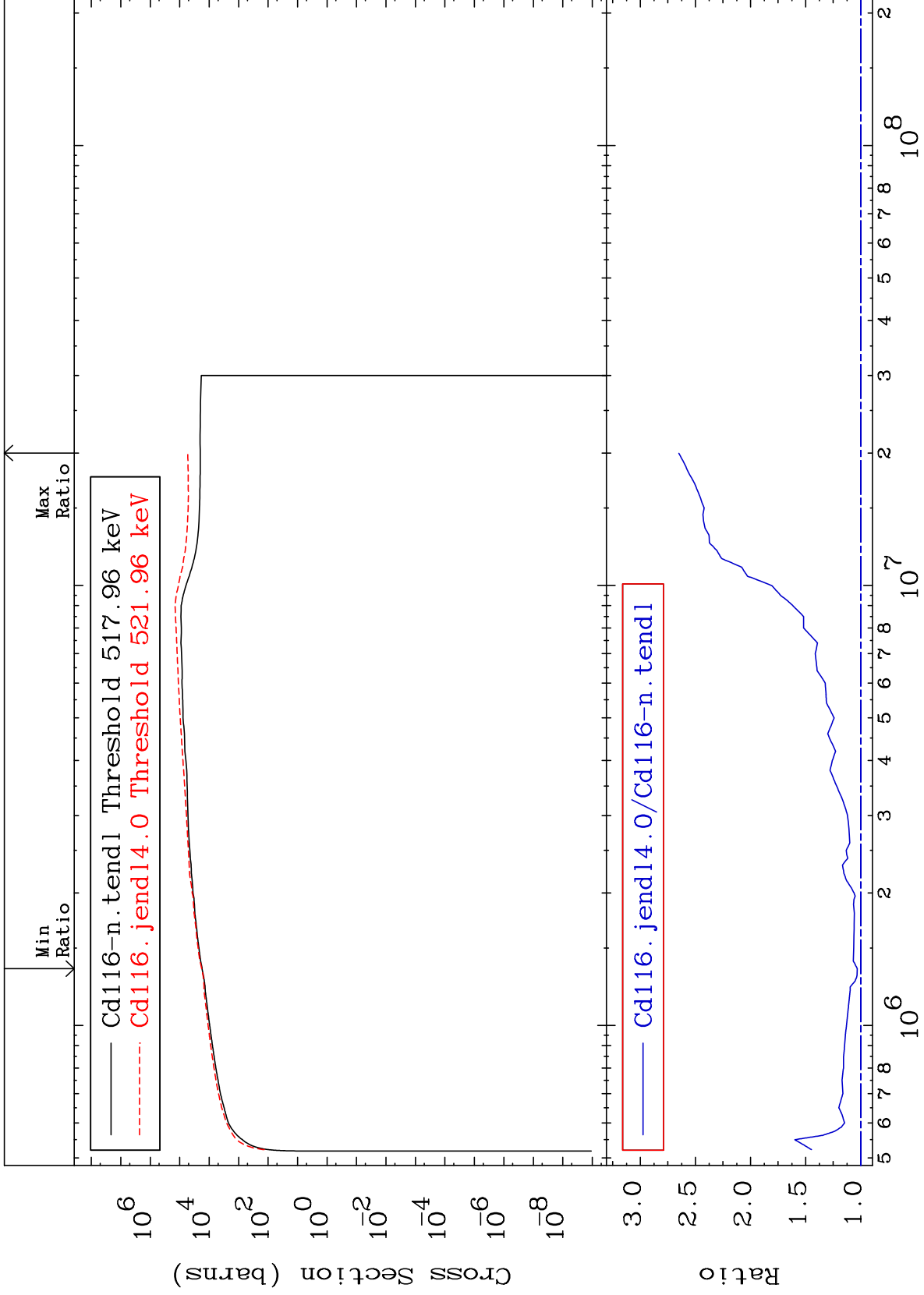
48-Cd-116



MAT 4855

Dpa inelastic (mt51-91)
Cross Section

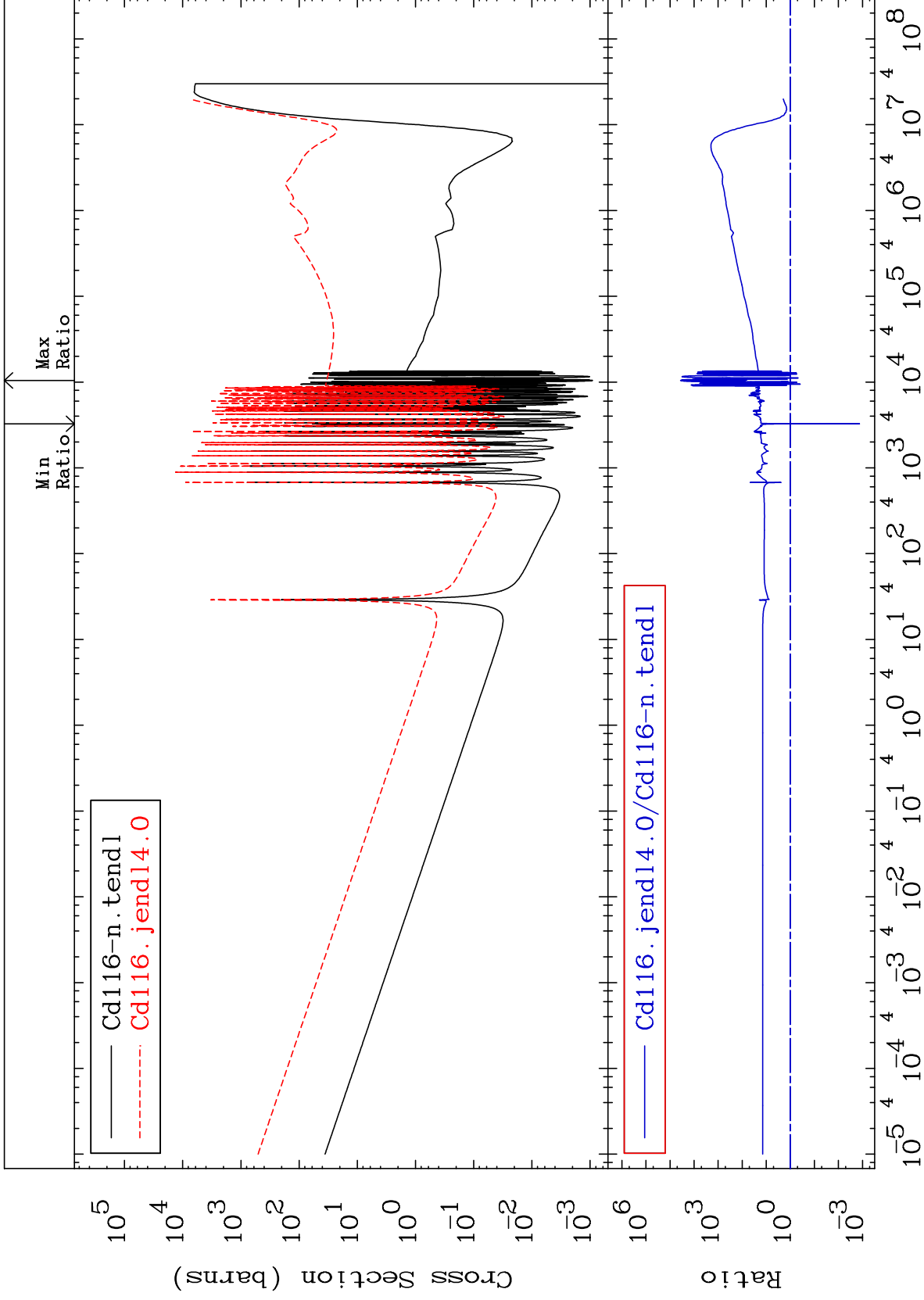
48-Cd-116
3.178 To 165.2 %



MAT 4855

Dpa disappearance (mt102 -120)
Cross Section

48-Cd-116
-99.87 To 9999. %



43

Incident Energy (eV)

48-Cd-116