

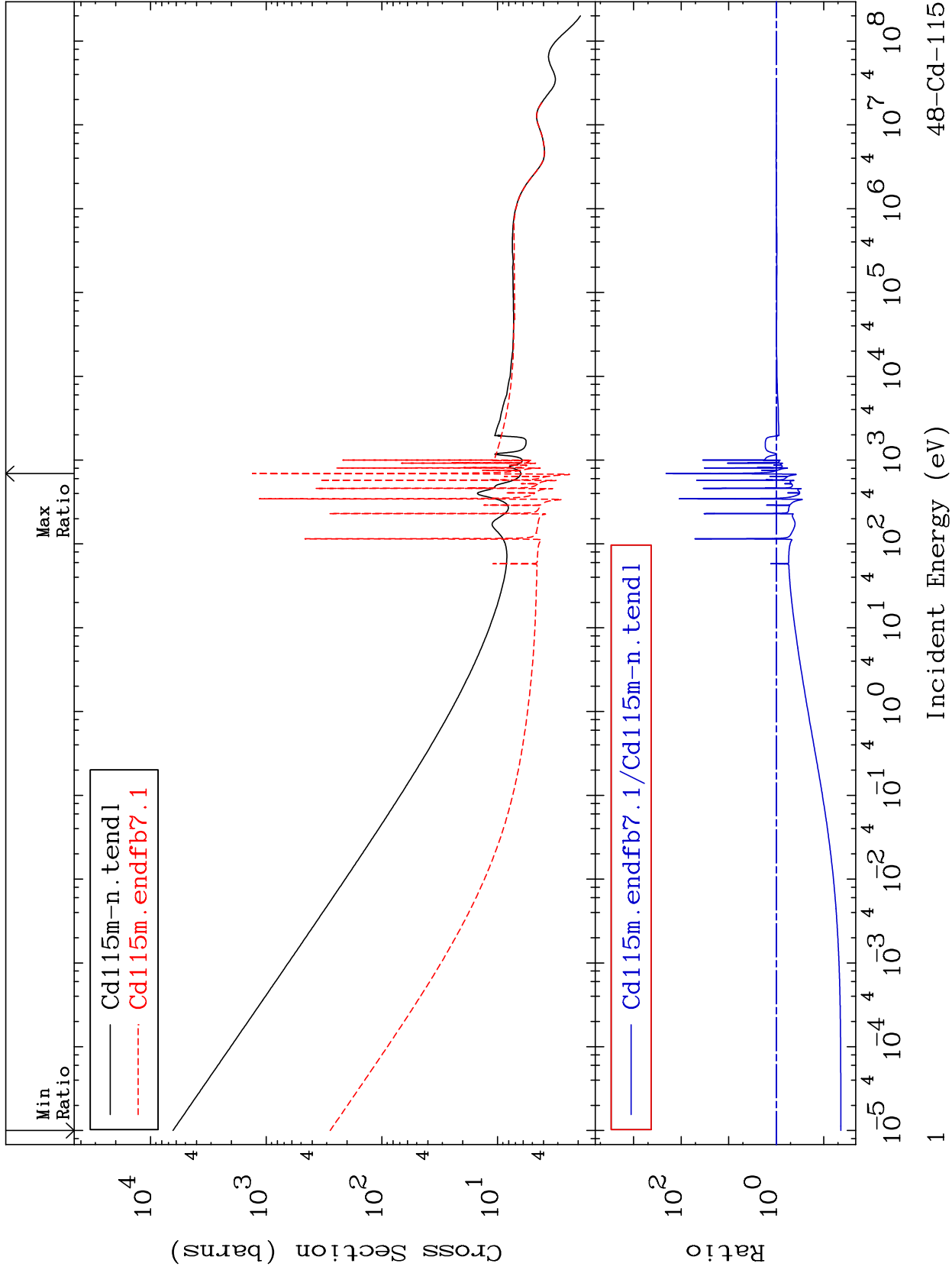
MAT 4853

Total

48-Cd-115

Cross Section

-95.64 To 9999. %



Incident Energy (eV)

48-Cd-115

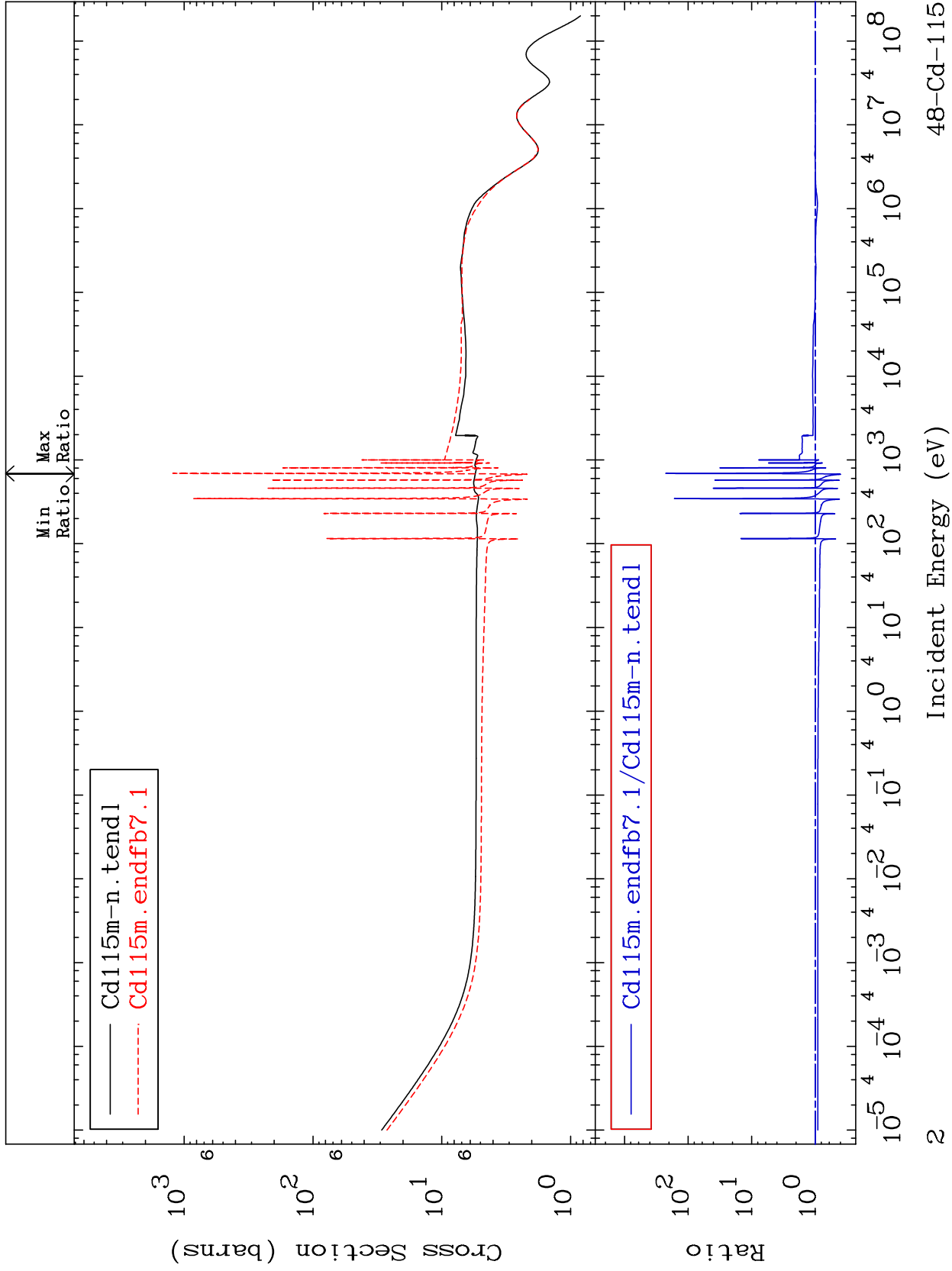
MAT 4853

Elastic

48-Cd-115

Cross Section

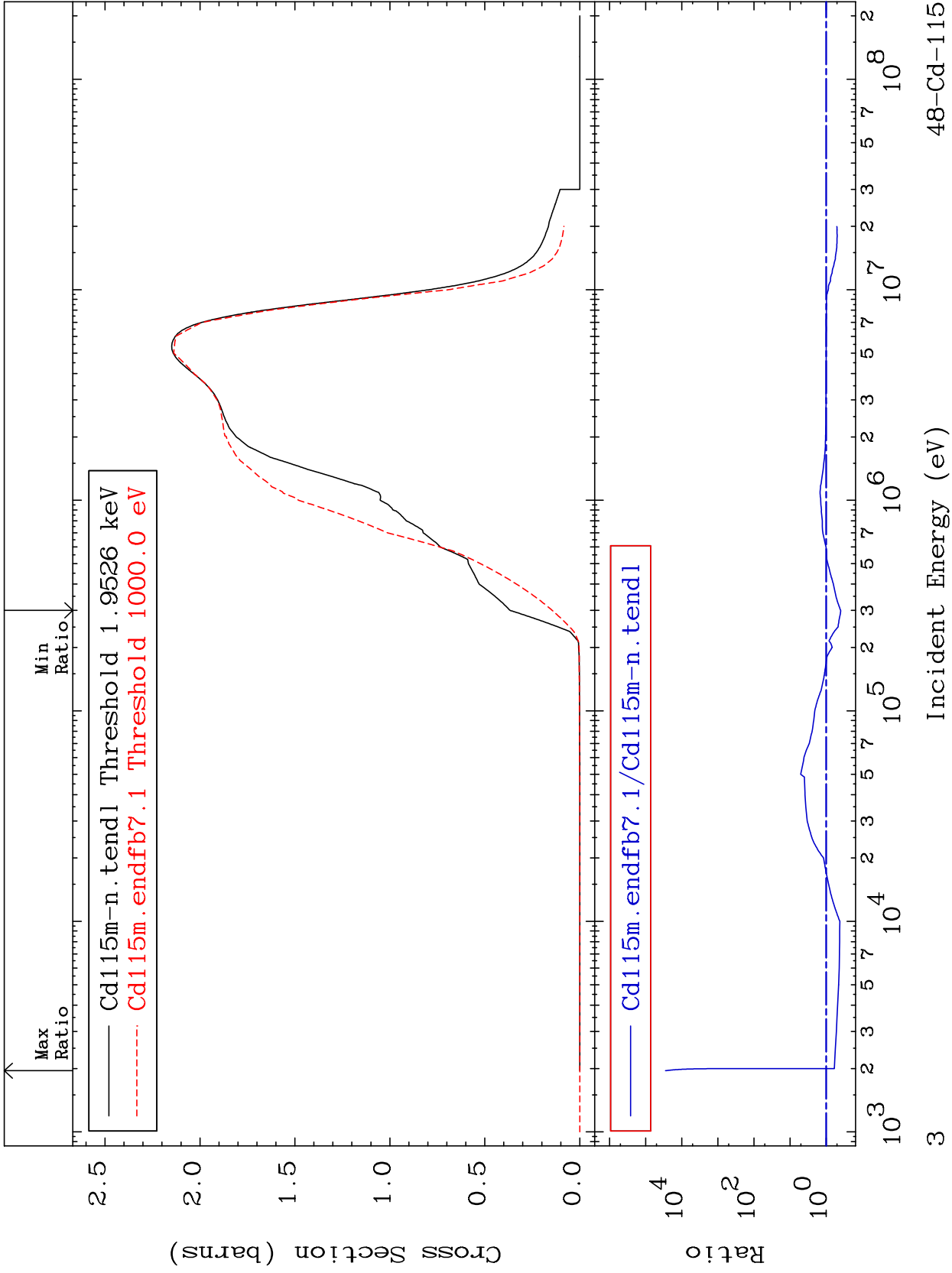
-60.46 To 9999. %



MAT 4853

Inelastic
Cross Section

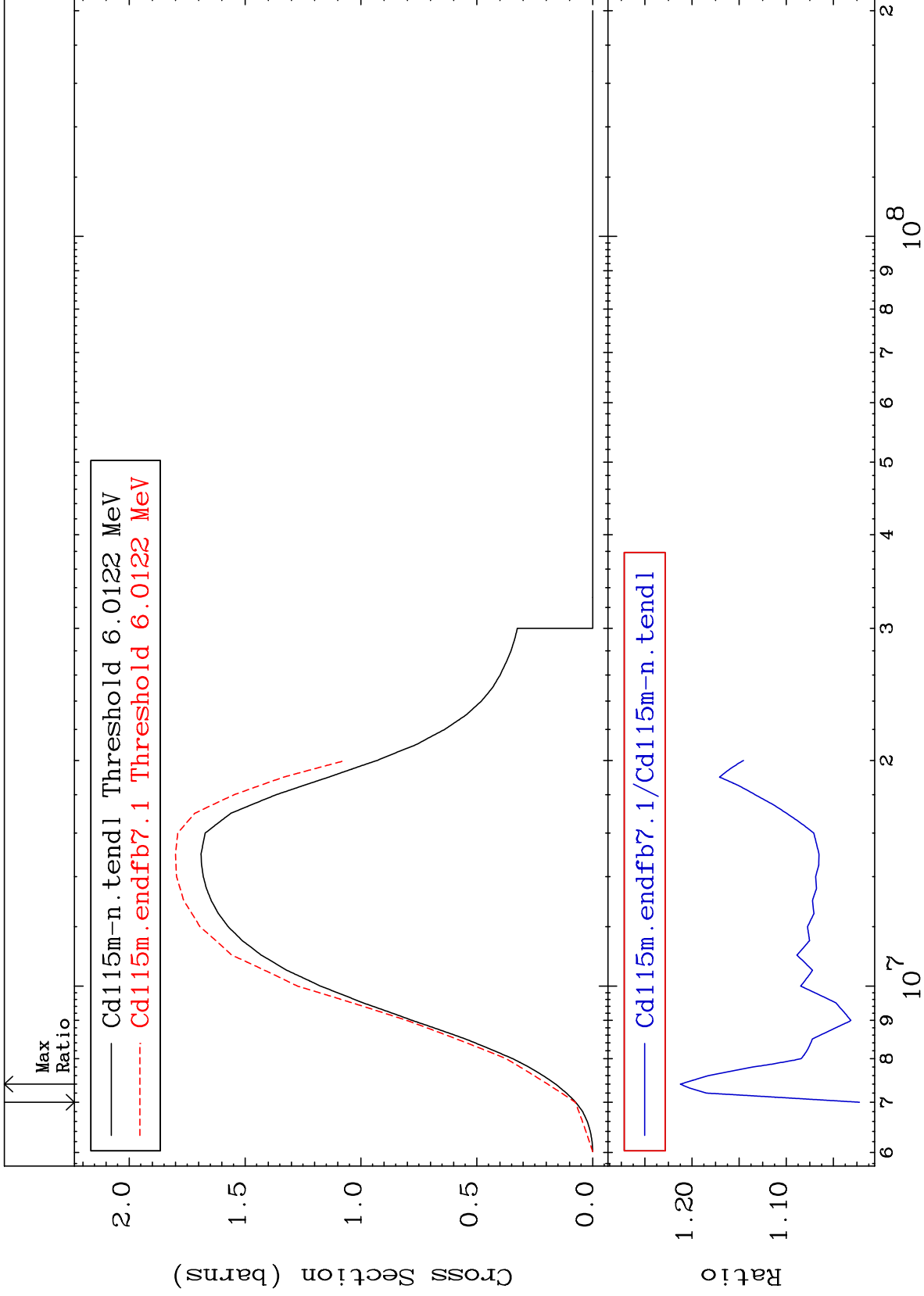
48-Cd-115
-60.50 To 9999. %



MAT 4853

(n,2n)
Cross Section

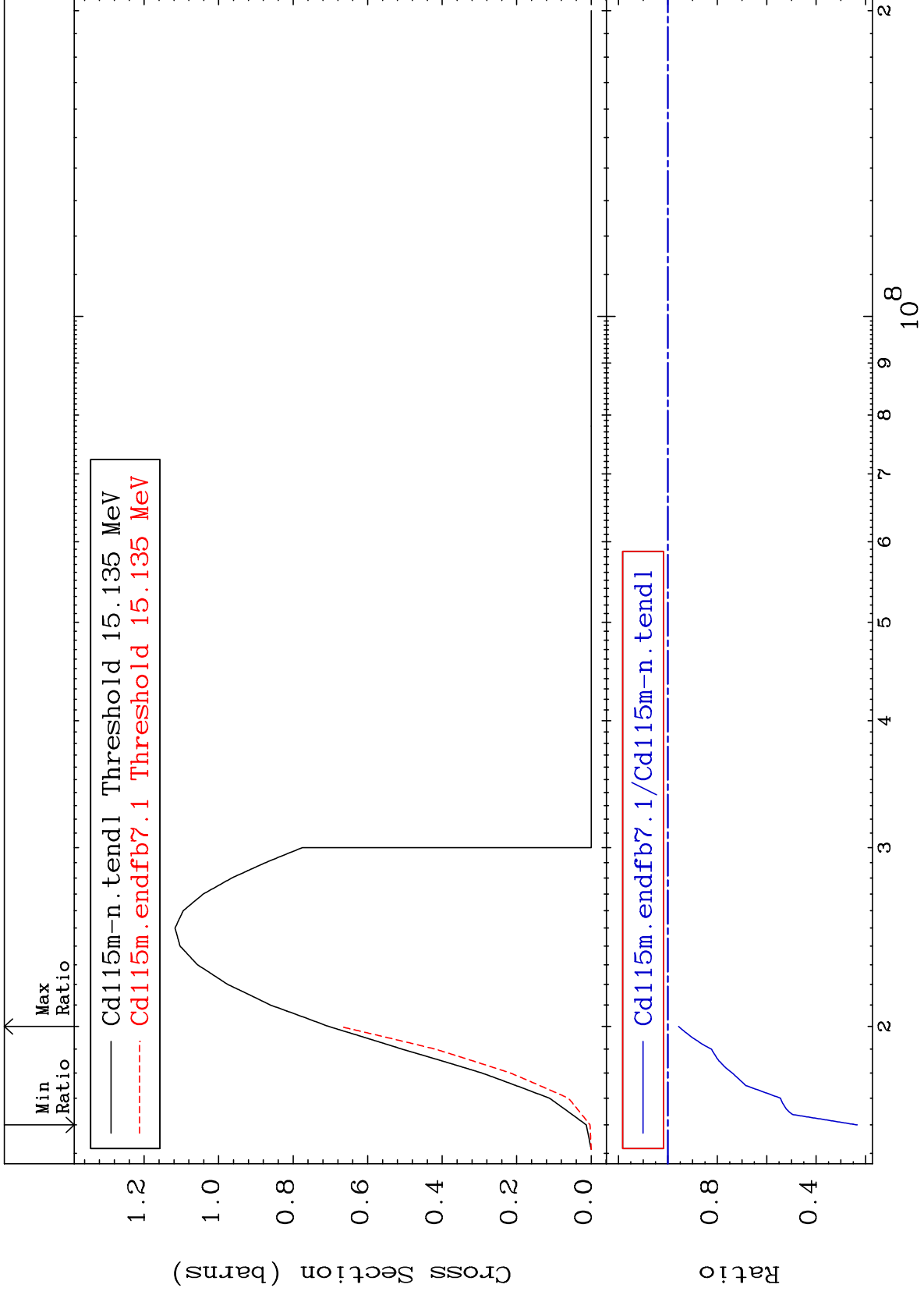
48-Cd-115
2.241 To 21.24 %



MAT 4853

(n,3n)
Cross Section

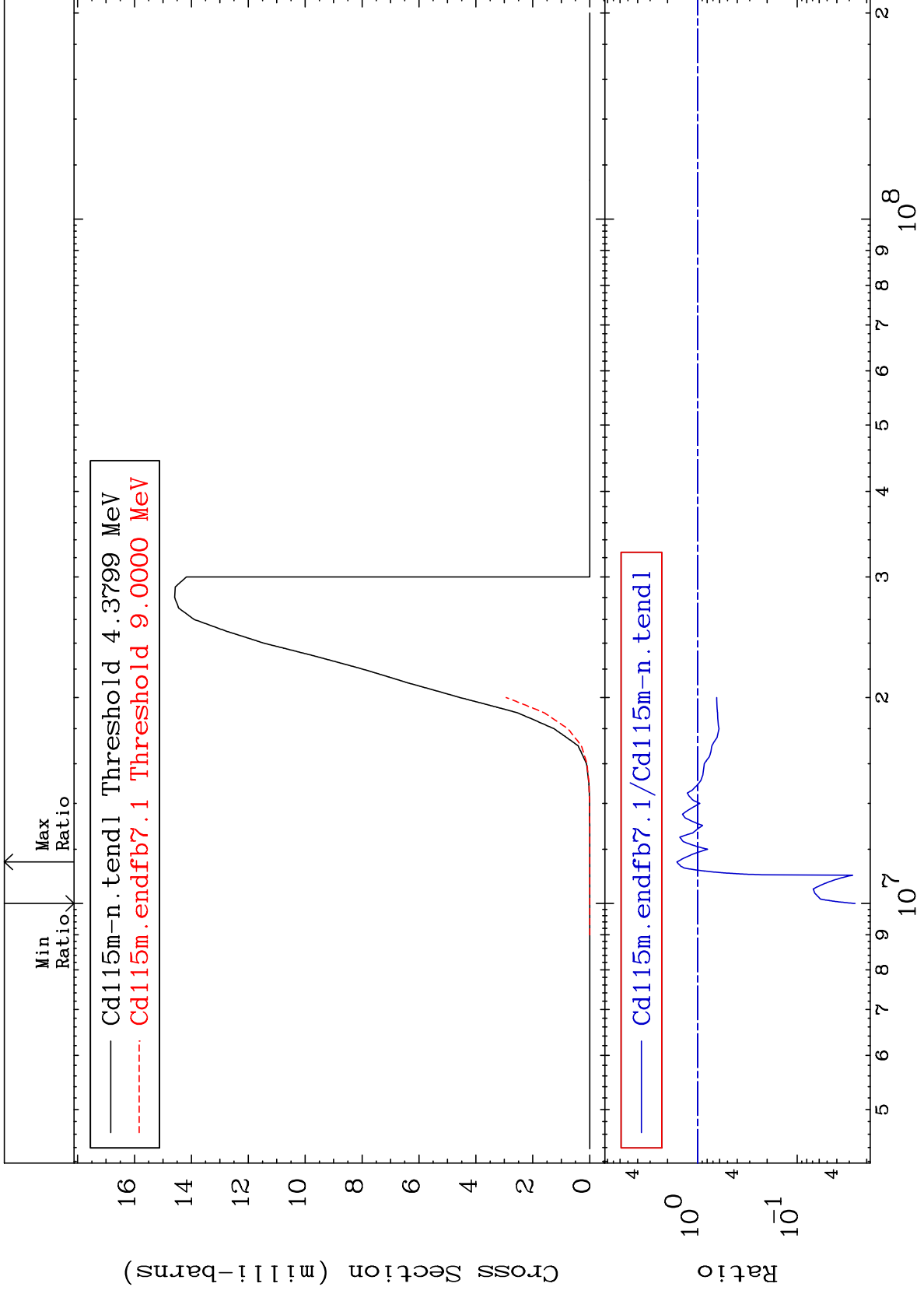
48-Cd-115
-76.63 To -4.358%



MAT 4853

(n,n') α
Cross Section

48-Cd-115
-97.38 To 61.08 %



6

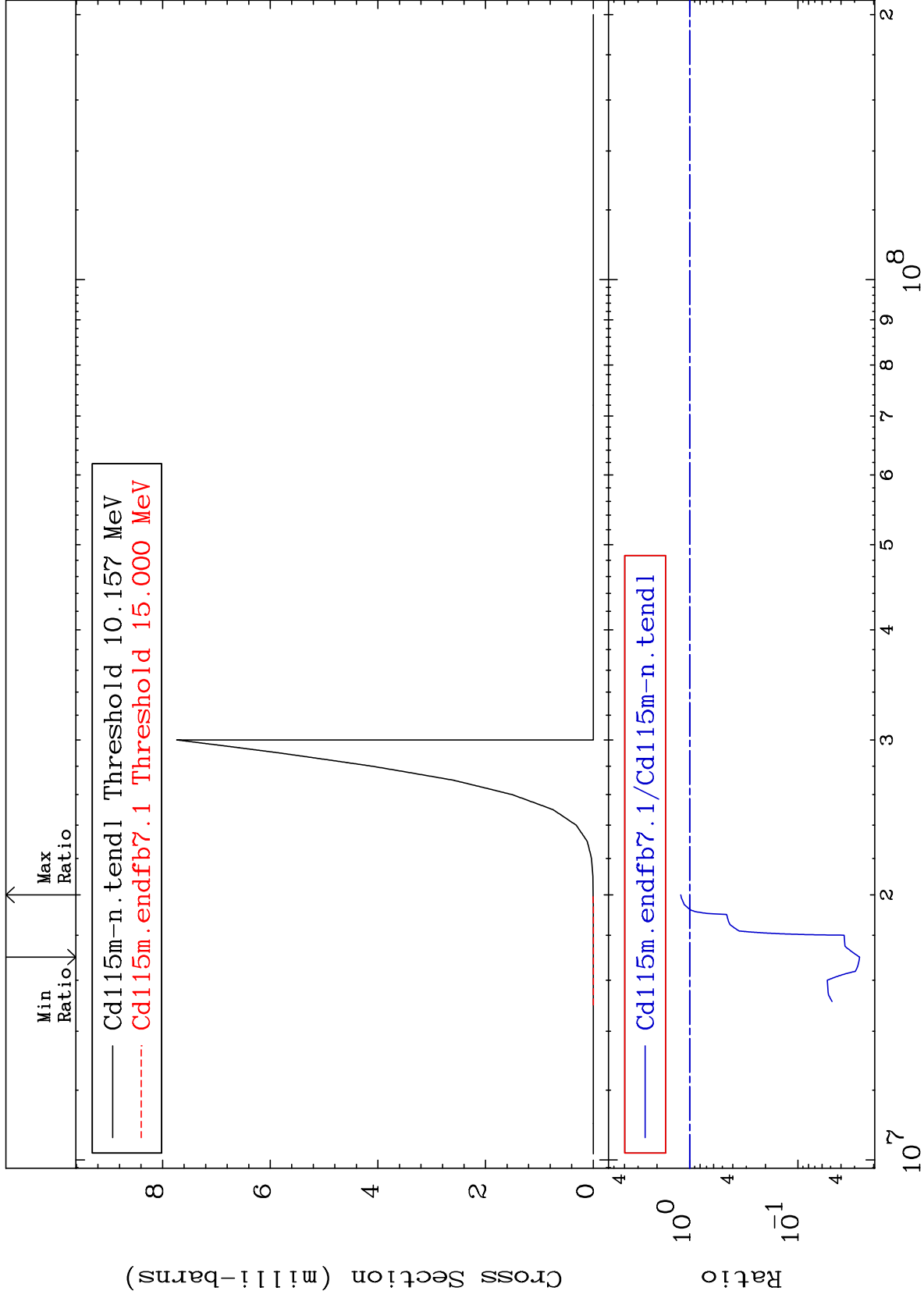
Incident Energy (eV)

48-Cd-115

MAT 4853

(n,2n) α
Cross Section

48-Cd-115
-97.30 To 20.88 %

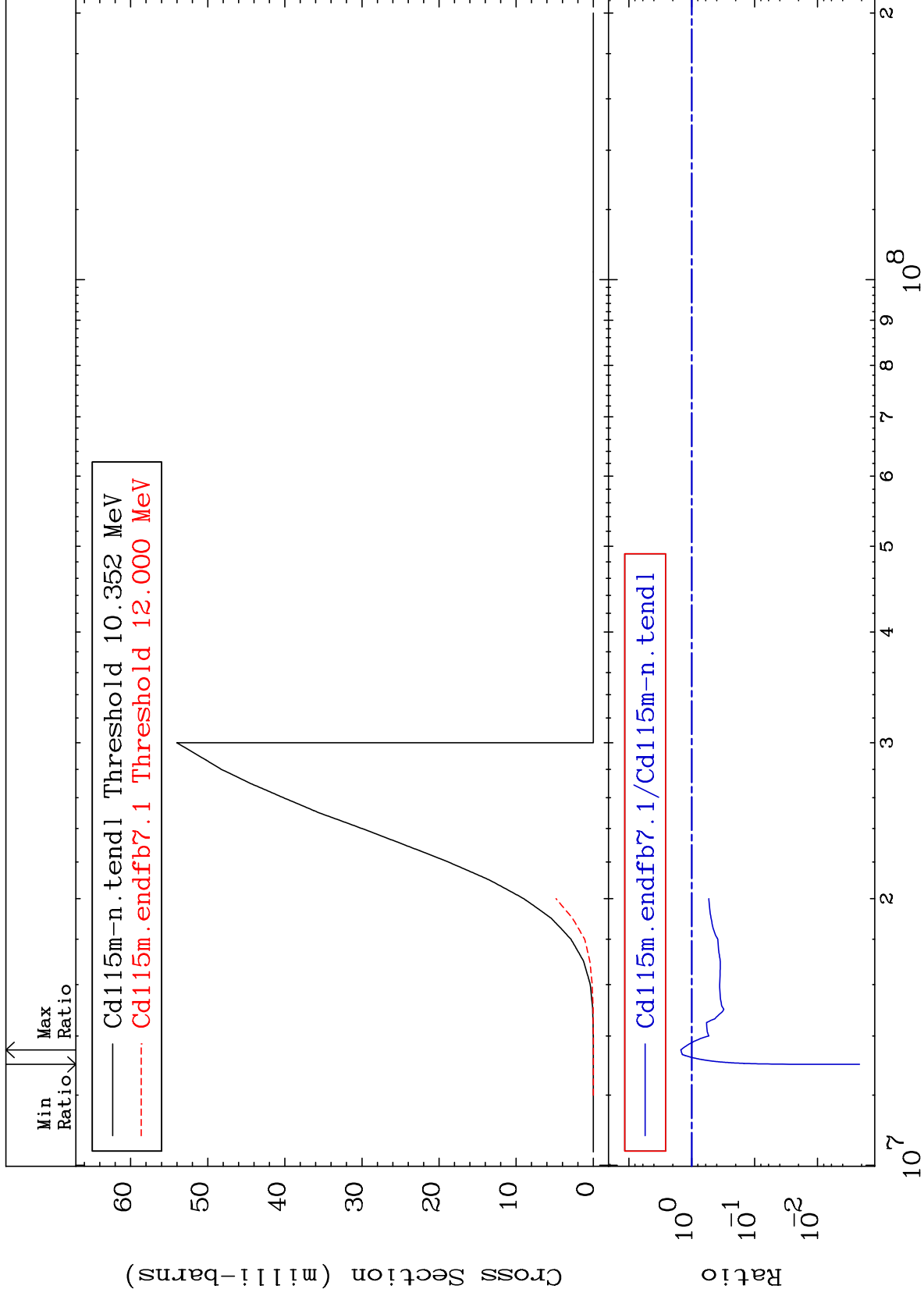


48-Cd-115

MAT 4853

(n,n') p
Cross Section

48-Cd-115
-99.78 To 49.78 %



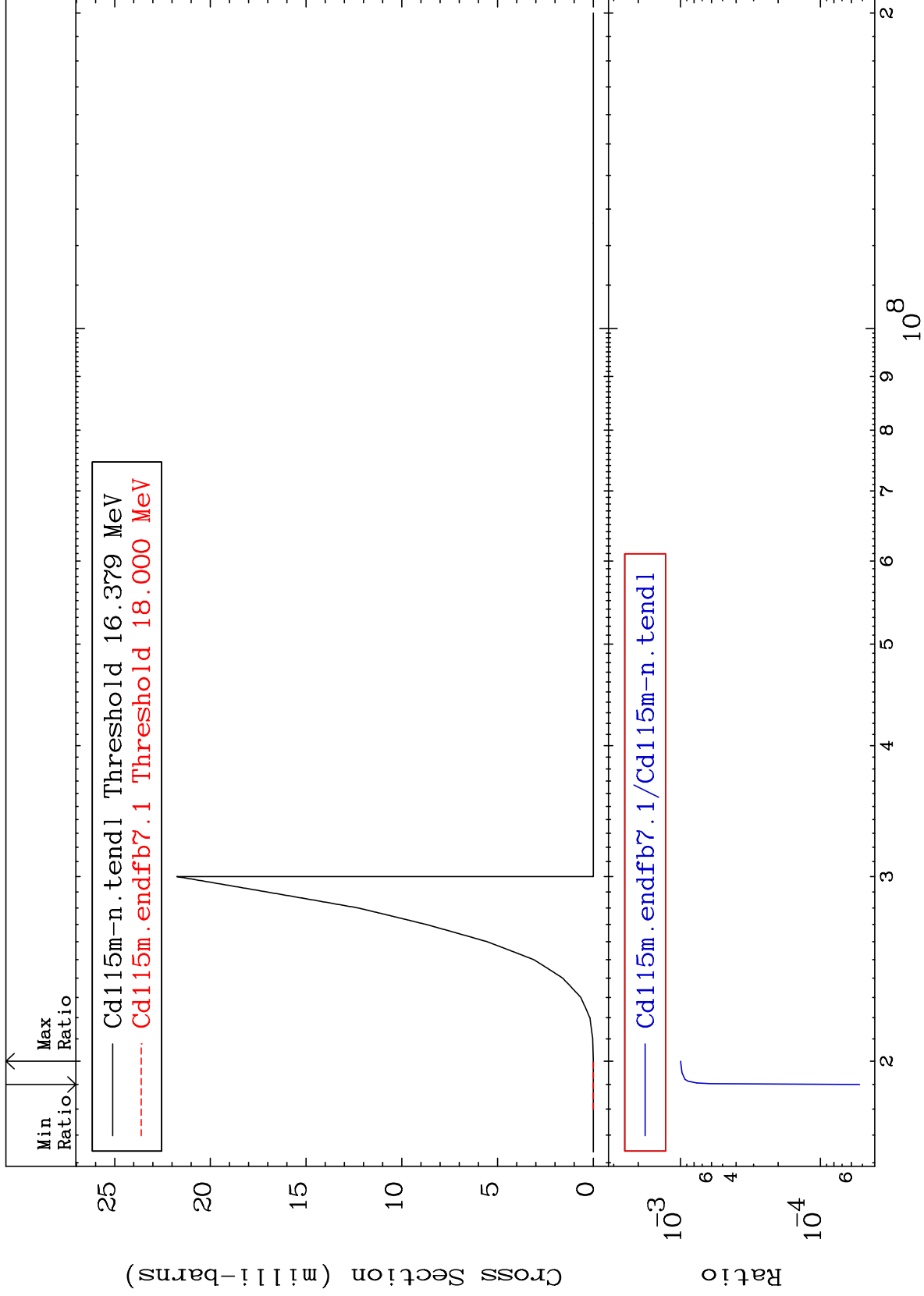
48-Cd-115

48-Cd-115

MAT 4853

(n,2n) p
Cross Section

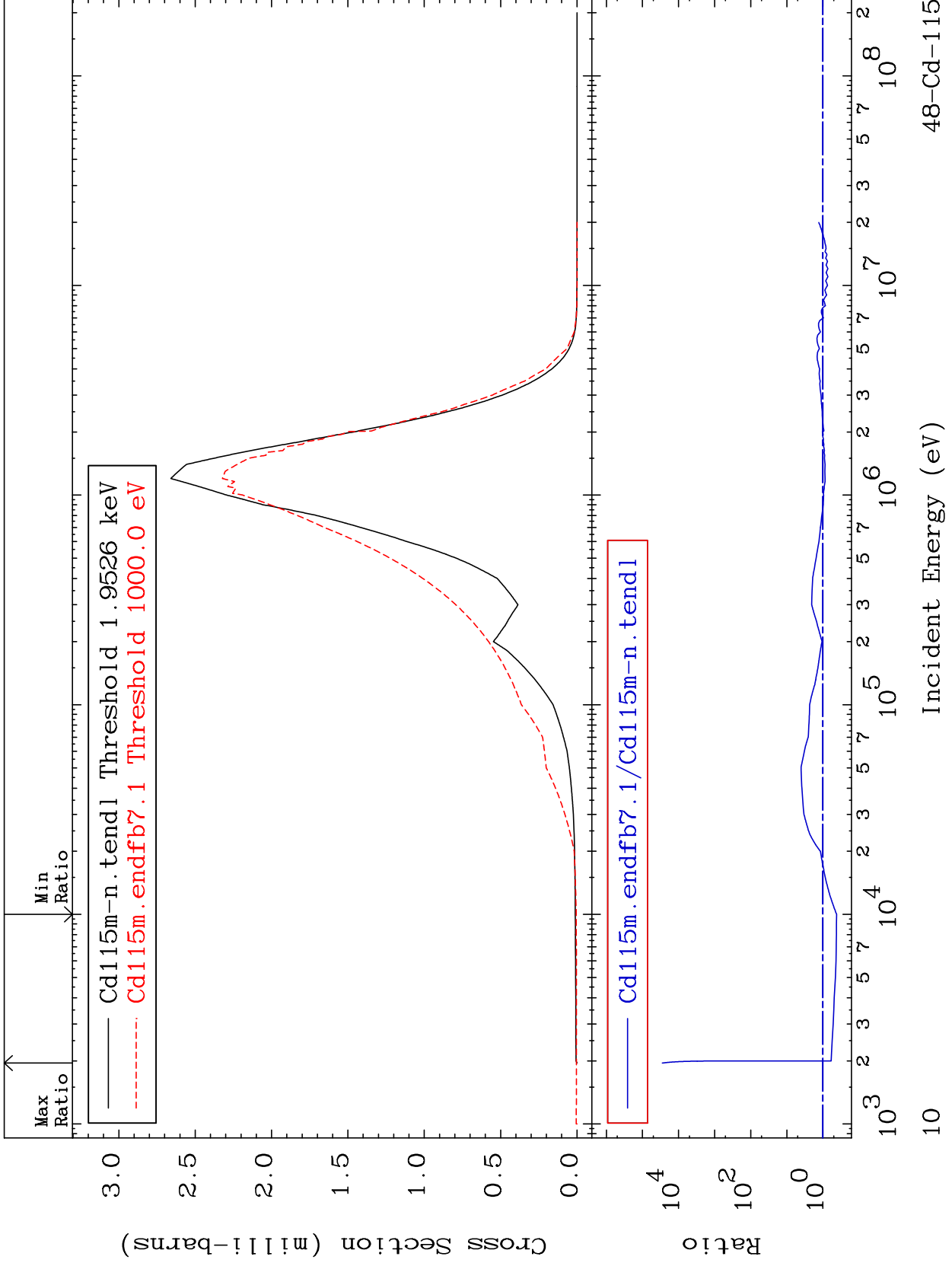
48-Cd-115
-99.99 To -99.90%



MAT 4853

0.000 keV (n,n') Level
Cross Section

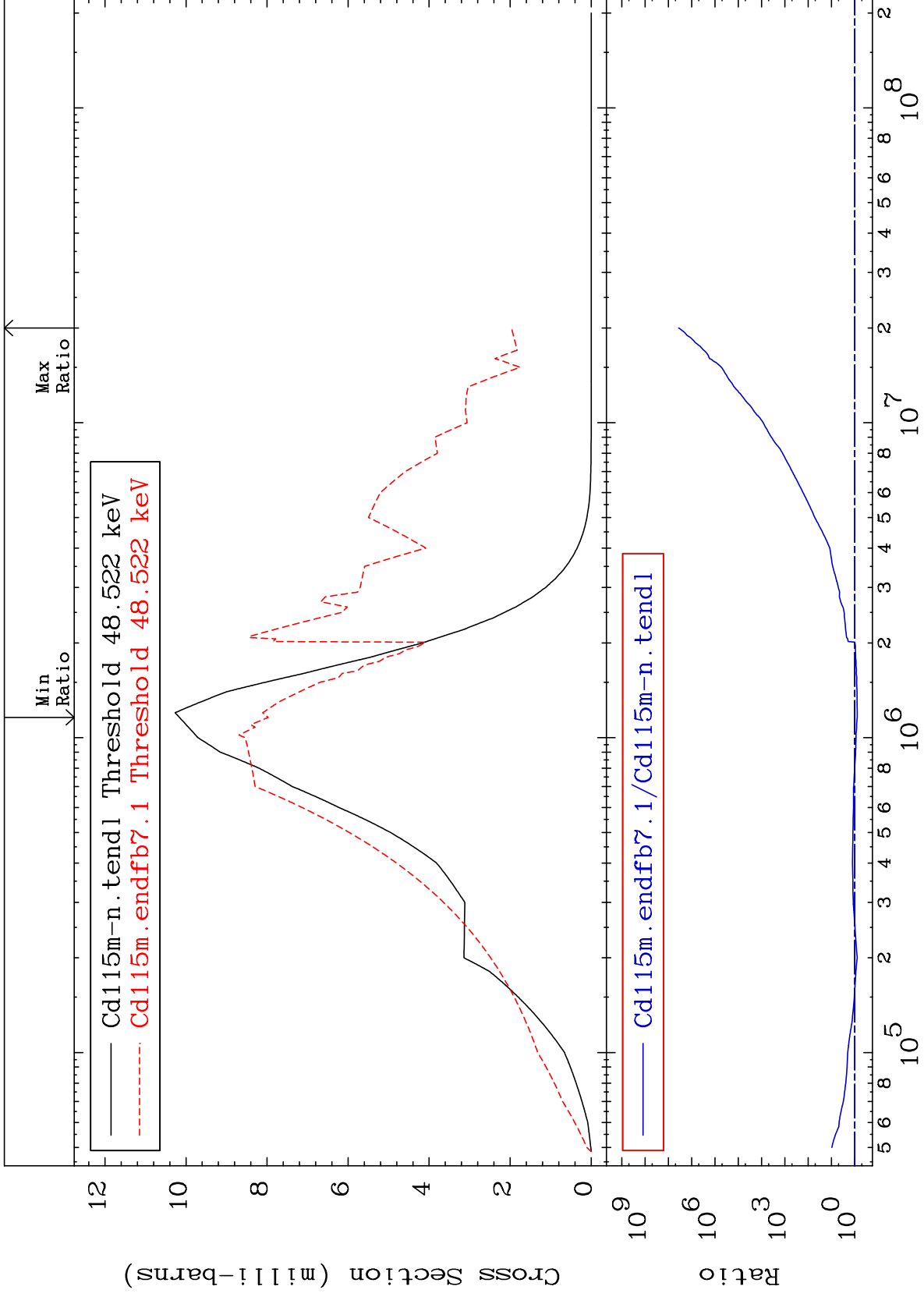
48-Cd-115
-58.40 To 9999. %



MAT 4853

229.1 keV (n,n') Level
Cross Section

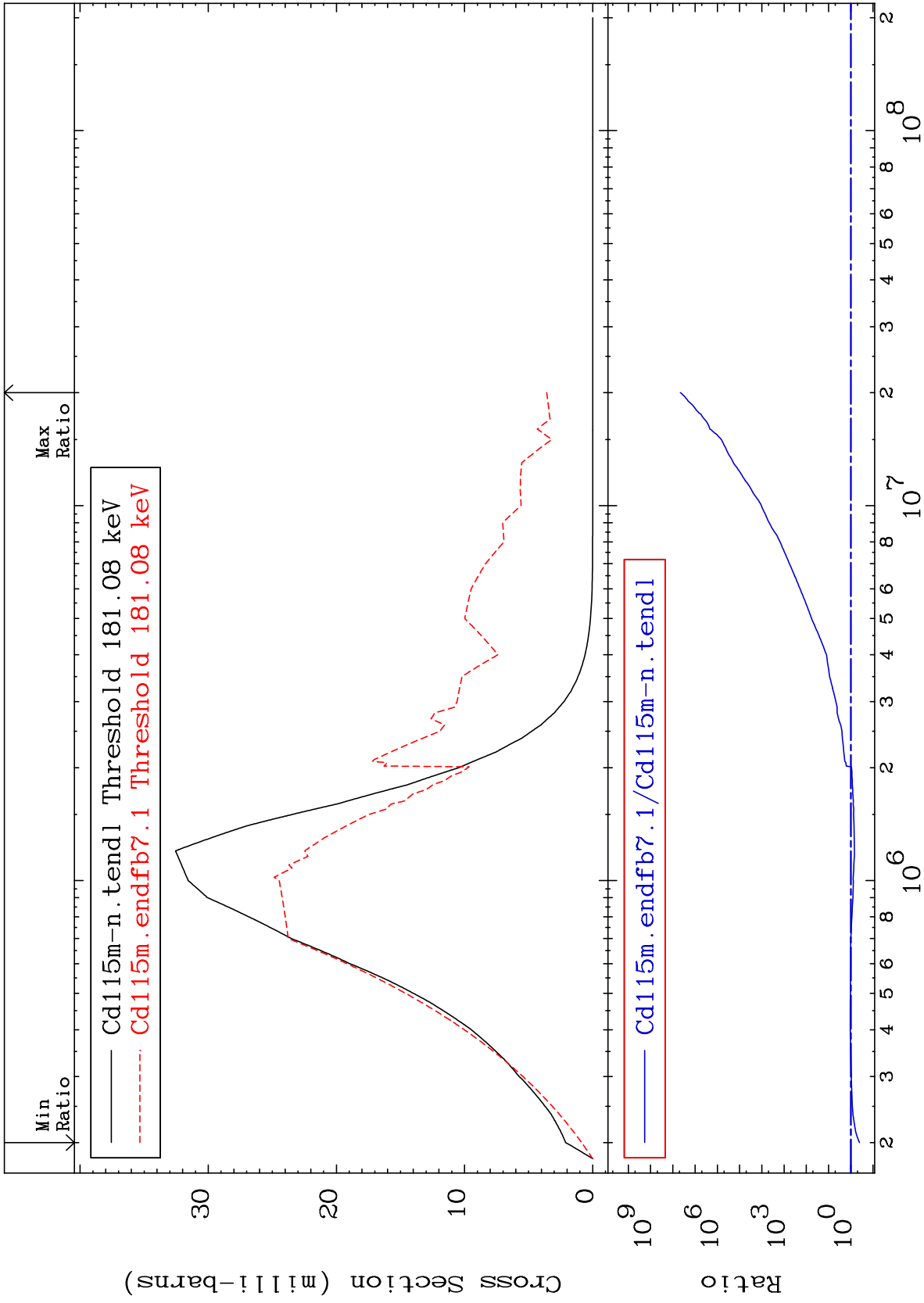
48-Cd-115
-21.56 To 9999. %



MAT 4853

360.5 keV (n,n') Level
Cross Section

48-Cd-115
-58.96 To 9999. %



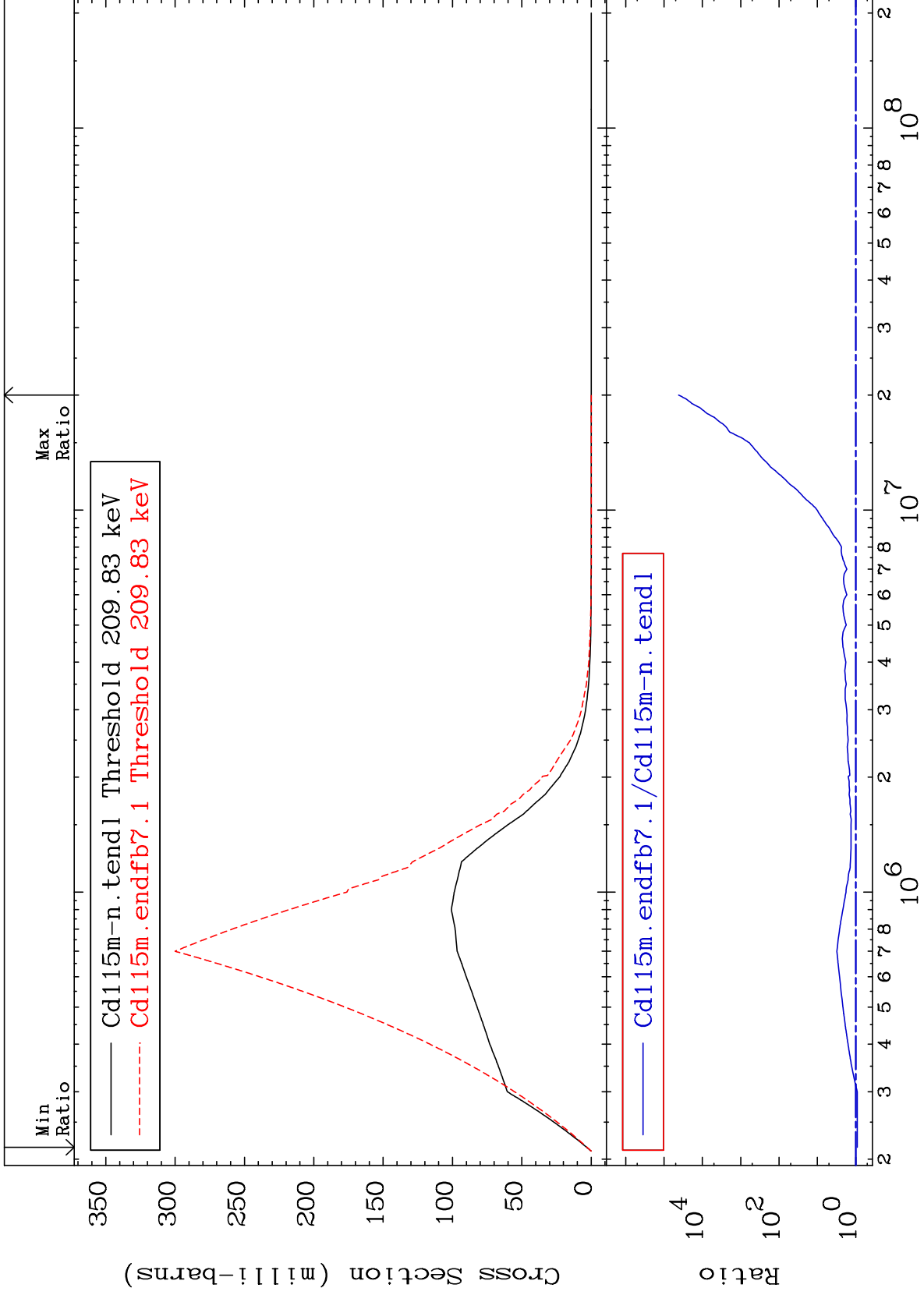
12

48-Cd-115

MAT 4853

389.0 keV (n,n') Level
Cross Section

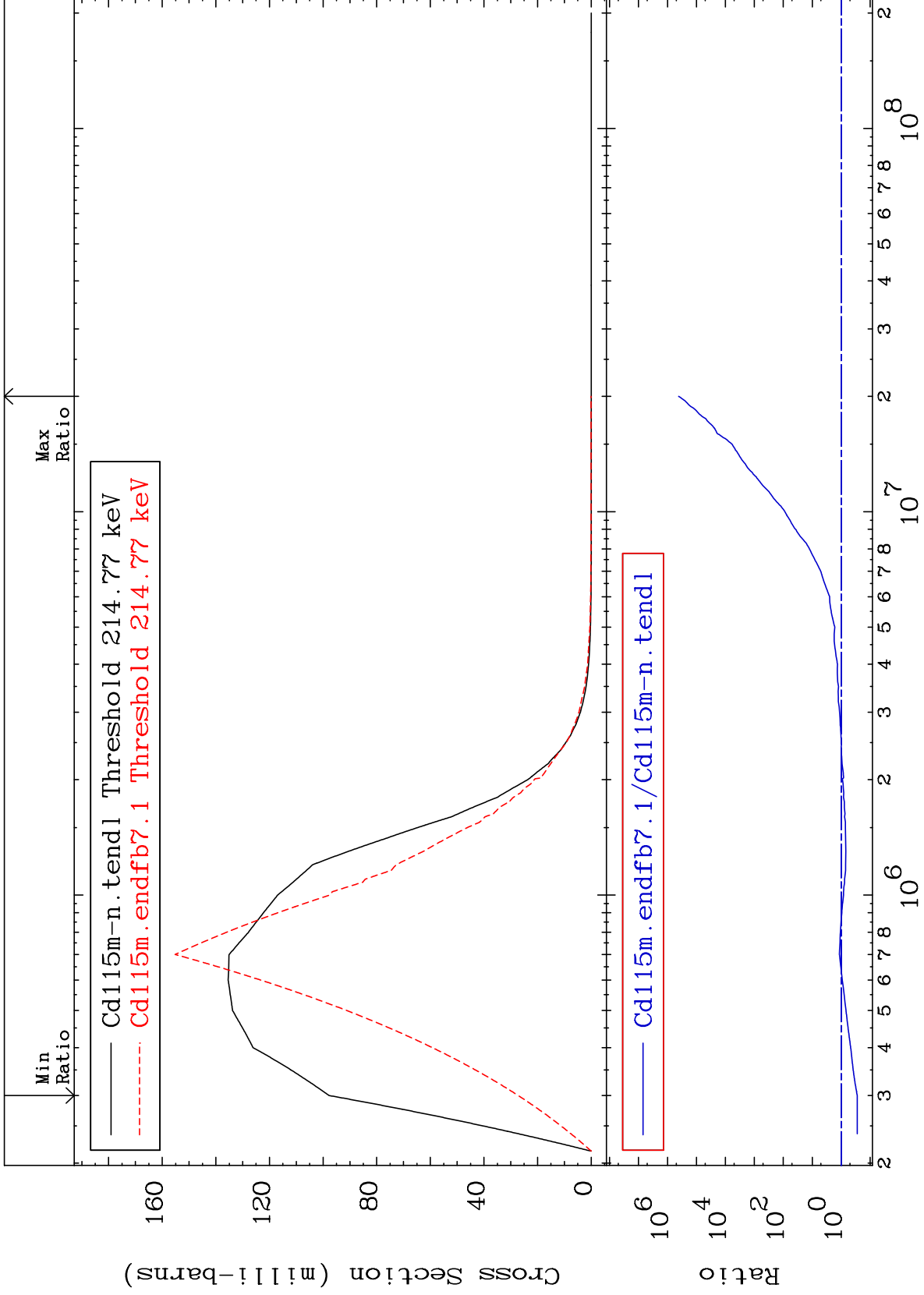
48-Cd-115
-8.706 To 9999. %



MAT 4853

393.9 keV (n,n') Level
Cross Section

48-Cd-115
-72.13 To 9999. %



14

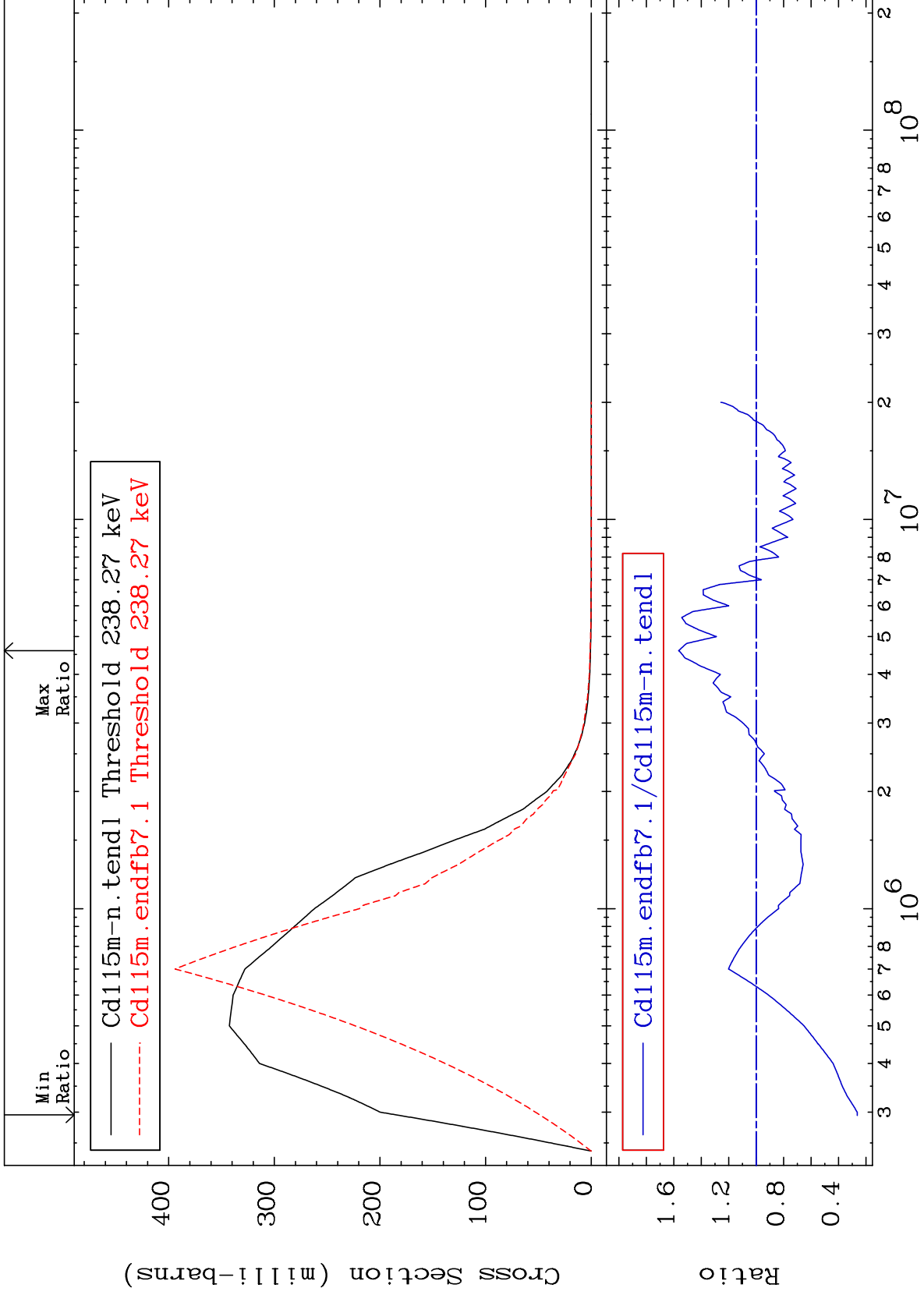
Incident Energy (eV)

48-Cd-115

MAT 4853

417.2 keV (n,n') Level
Cross Section

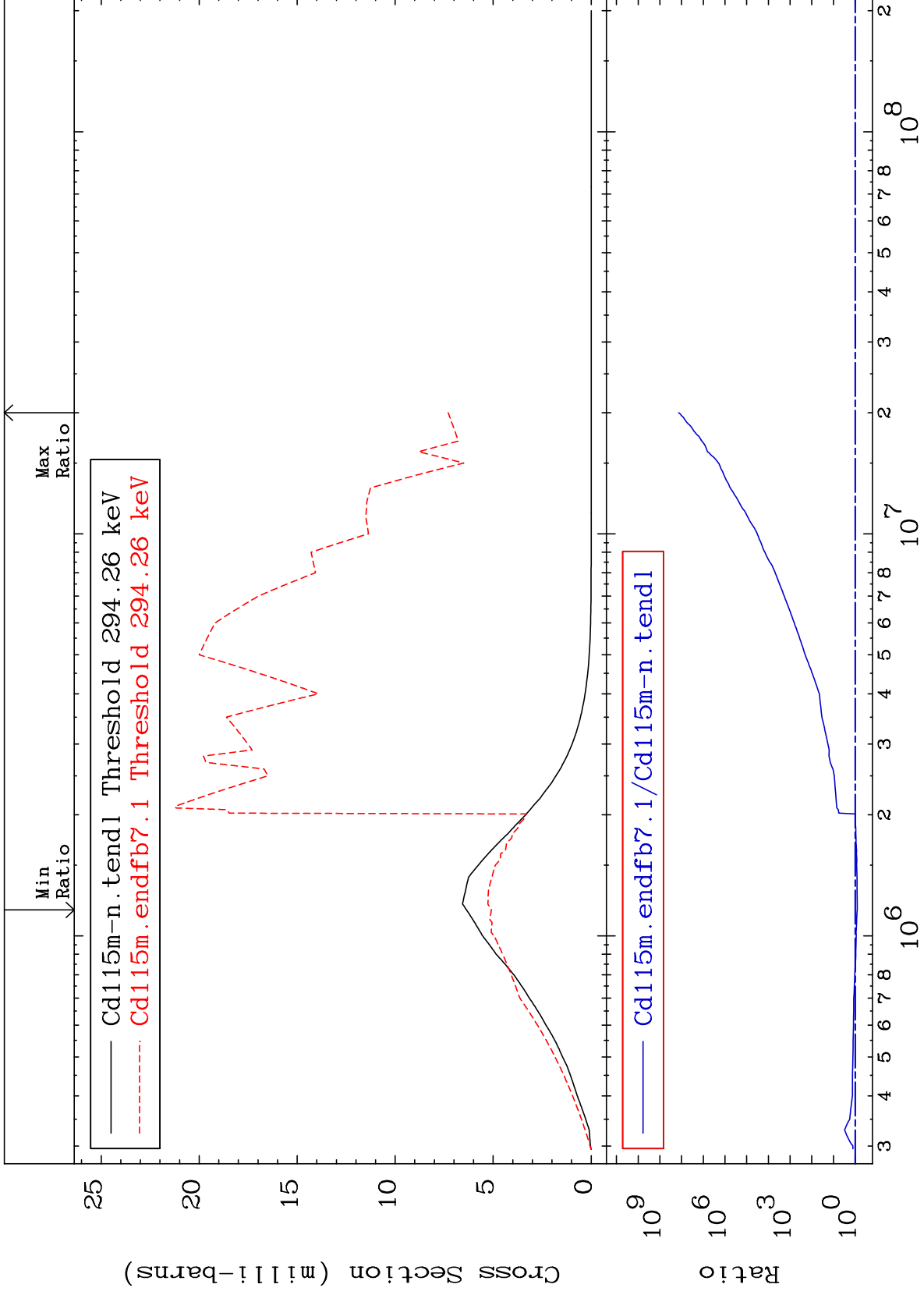
48-Cd-115
-73.63 To 56.50 %



MAT 4853

472.7 keV (n,n') Level
Cross Section

48-Cd-115
-19.98 To 9999. %



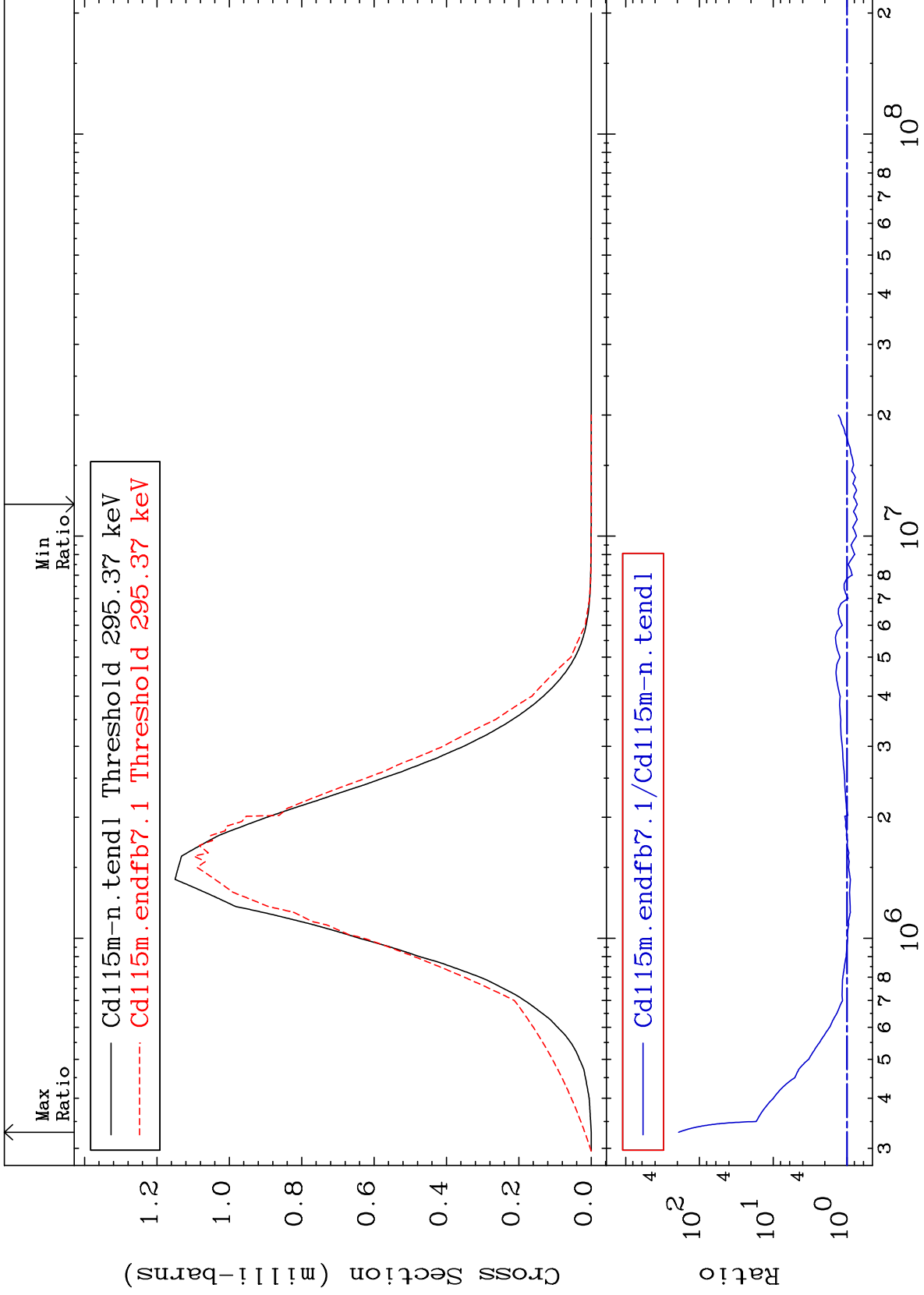
16

48-Cd-115

MAT 4853

473.8 keV (n,n') Level
Cross Section

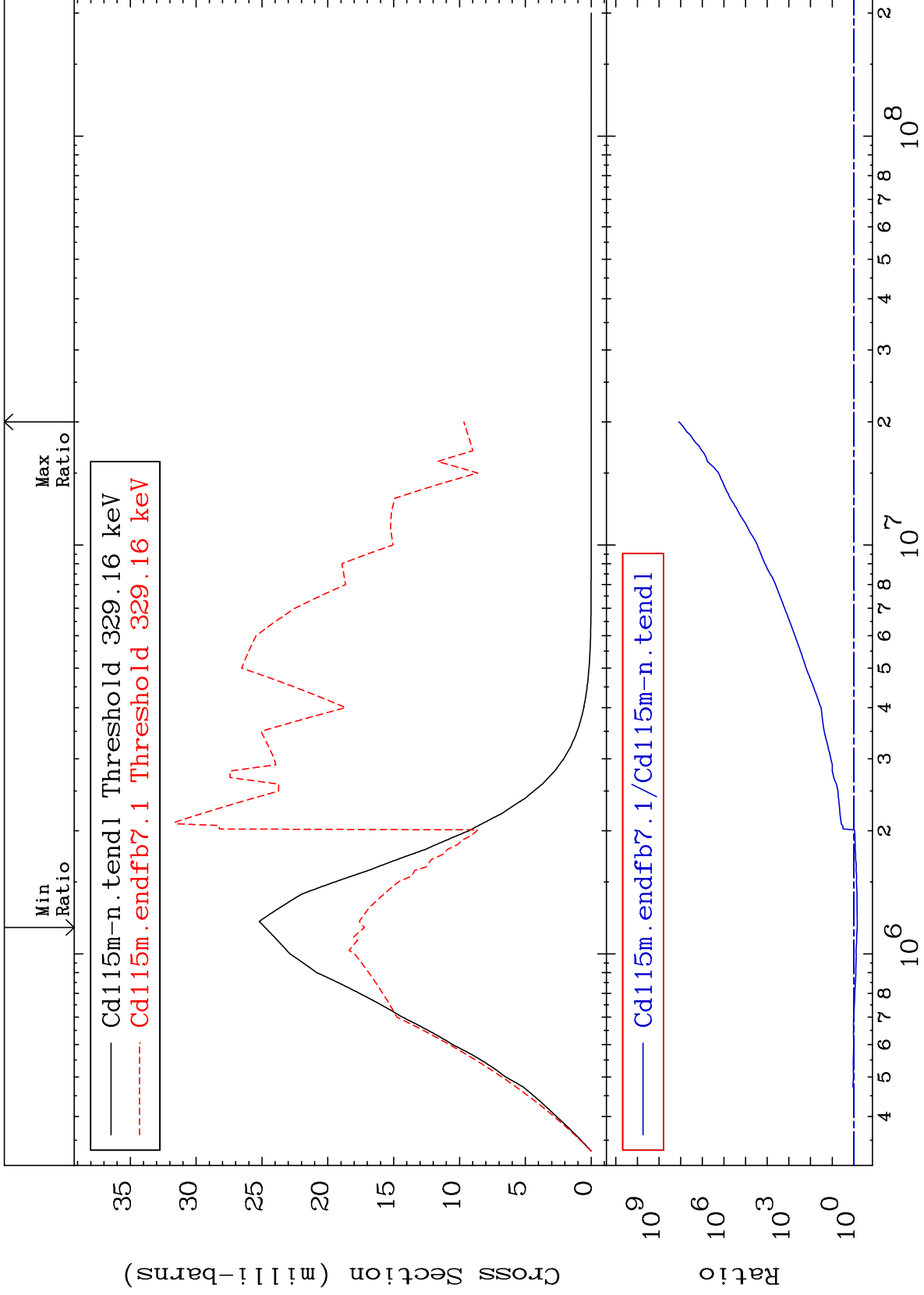
48-Cd-115
-27.14 To 9999. %



MAT 4853

507.3 keV (n,n') Level
Cross Section

48-Cd-115
-30.43 To 9999. %



18

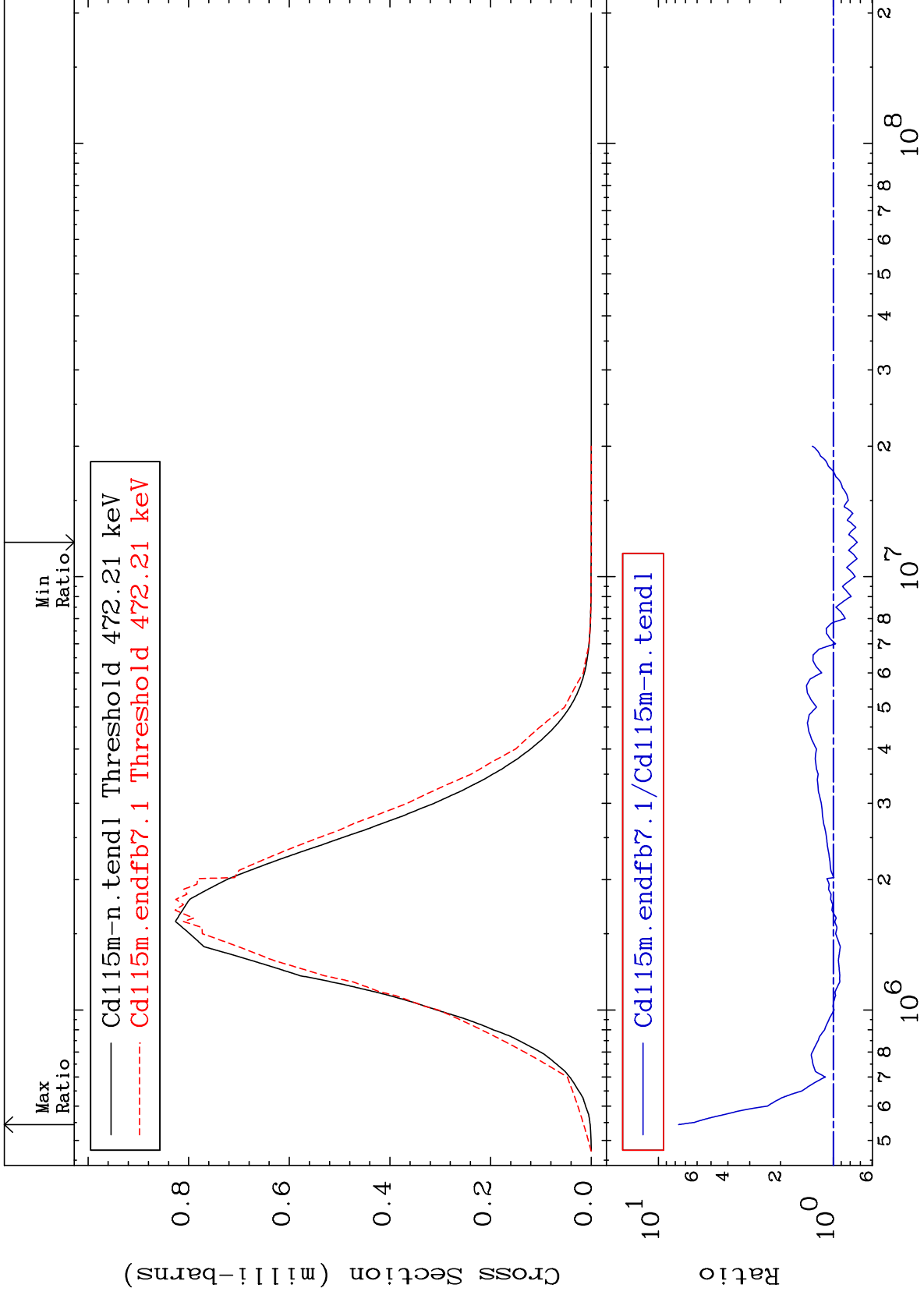
Incident Energy (eV)

48-Cd-115

MAT 4853

649.1 keV (n,n') Level
Cross Section

48-Cd-115
-27.10 To 665.8 %



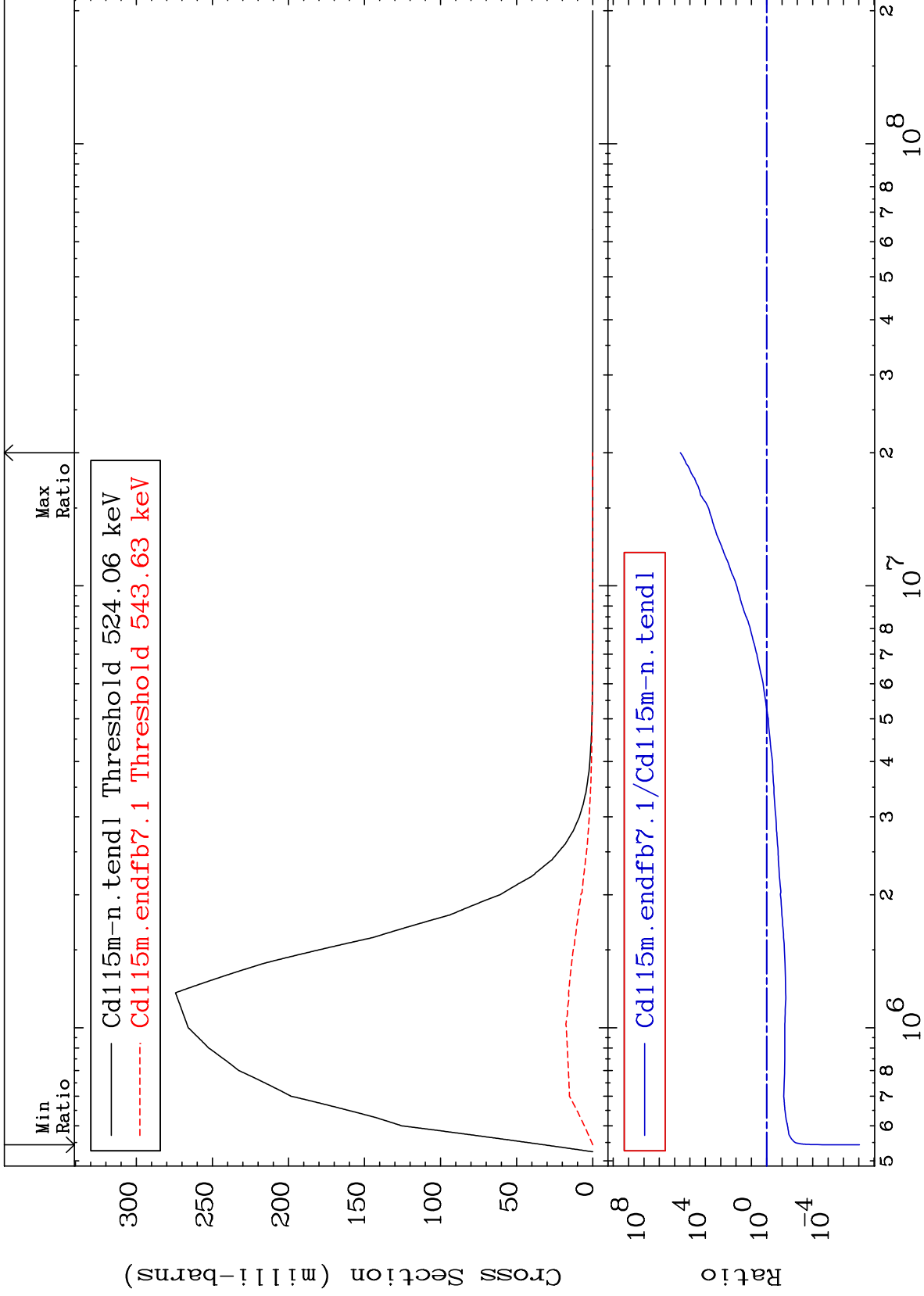
19

48-Cd-115

MAT 4853

700.5 keV (n,n') Level
Cross Section

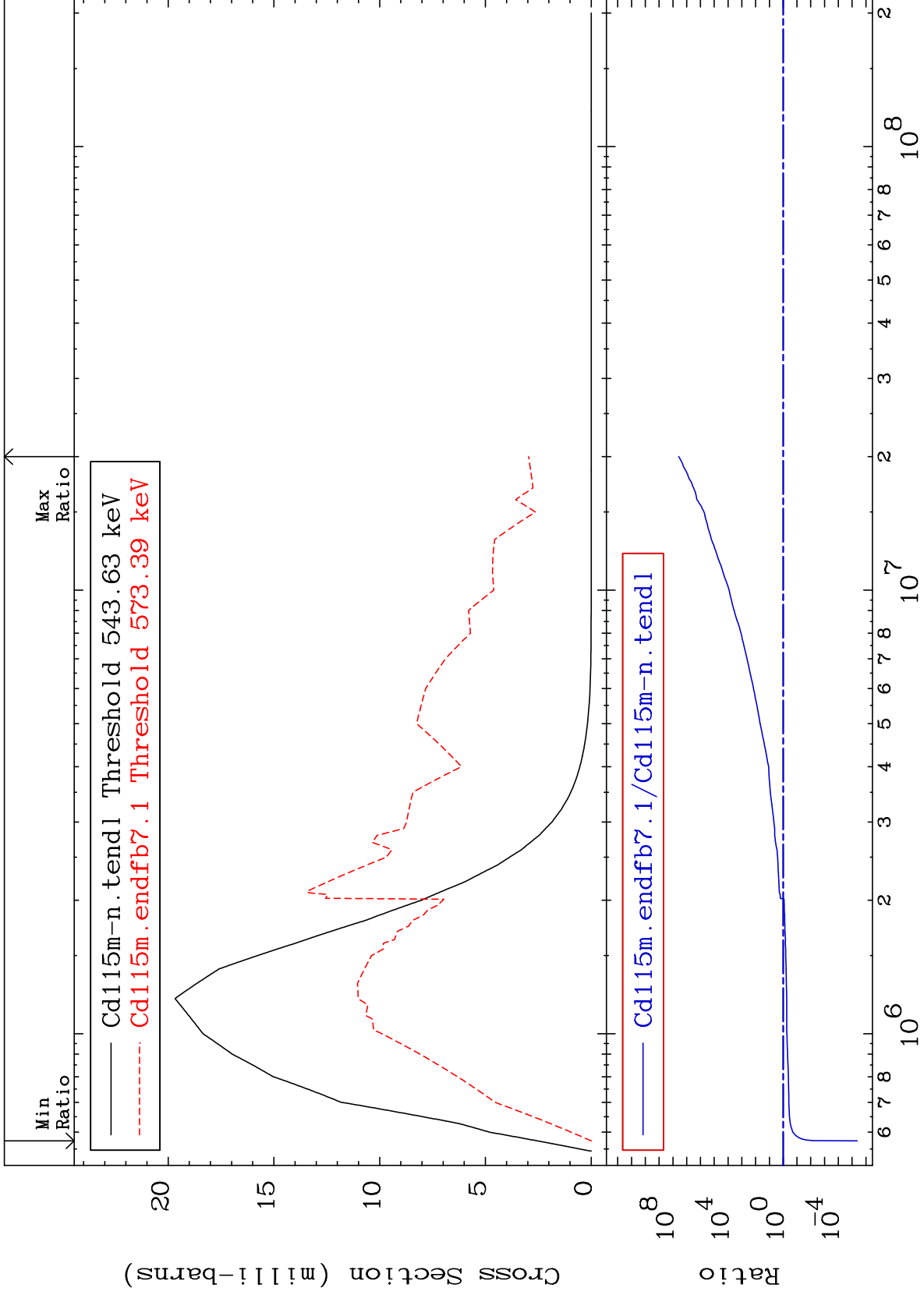
48-Cd-115
-100.0 To 9999. %



MAT 4853

719.9 keV (n,n') Level
Cross Section

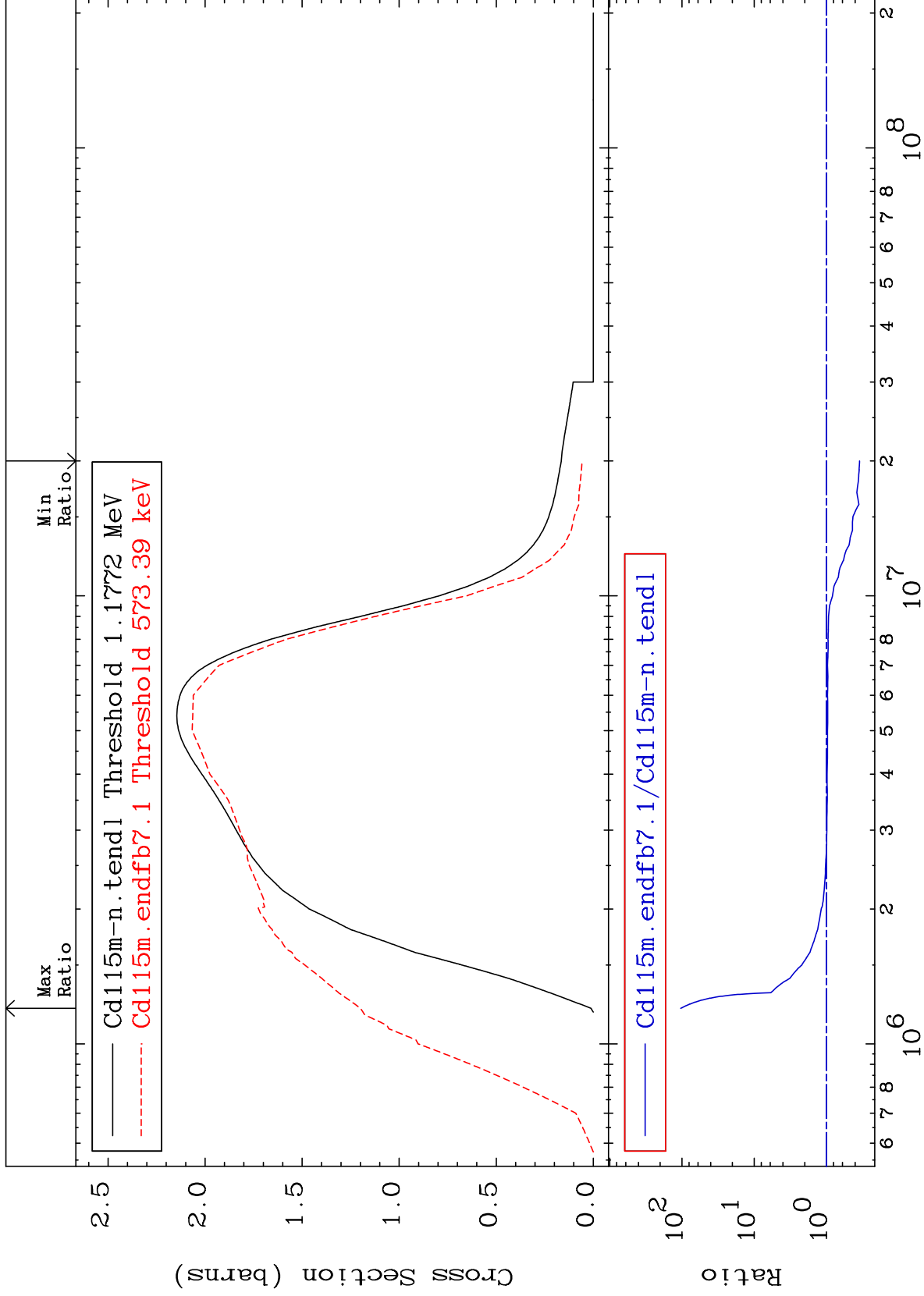
48-Cd-115
-100.0 To 9999. %



MAT 4853

(n, n') Continuum
Cross Section

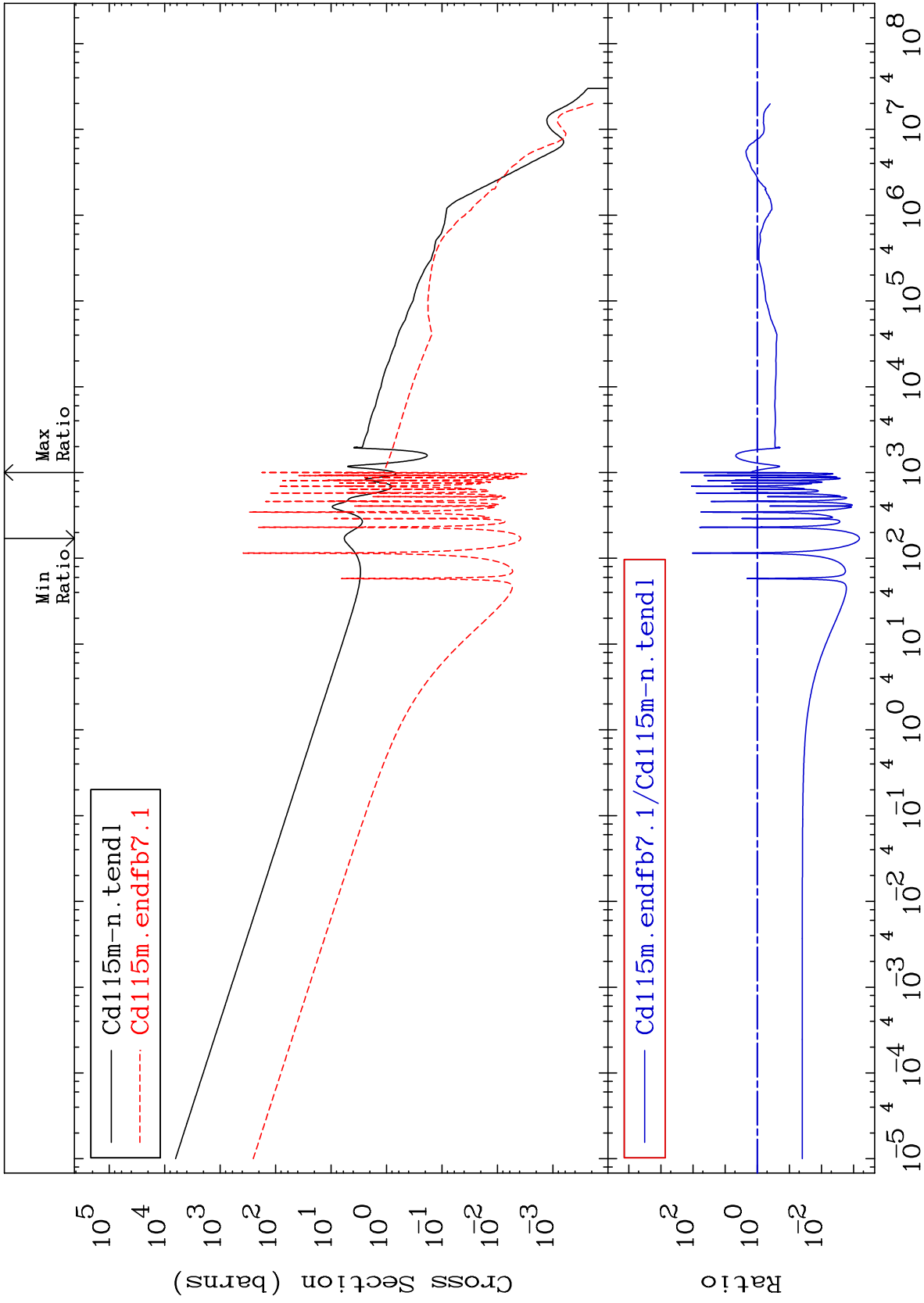
48-Cd-115
-65.17 To 9999. %



MAT 4853

(n, γ)
Cross Section

48-Cd-115
-99.93 To 9999. %



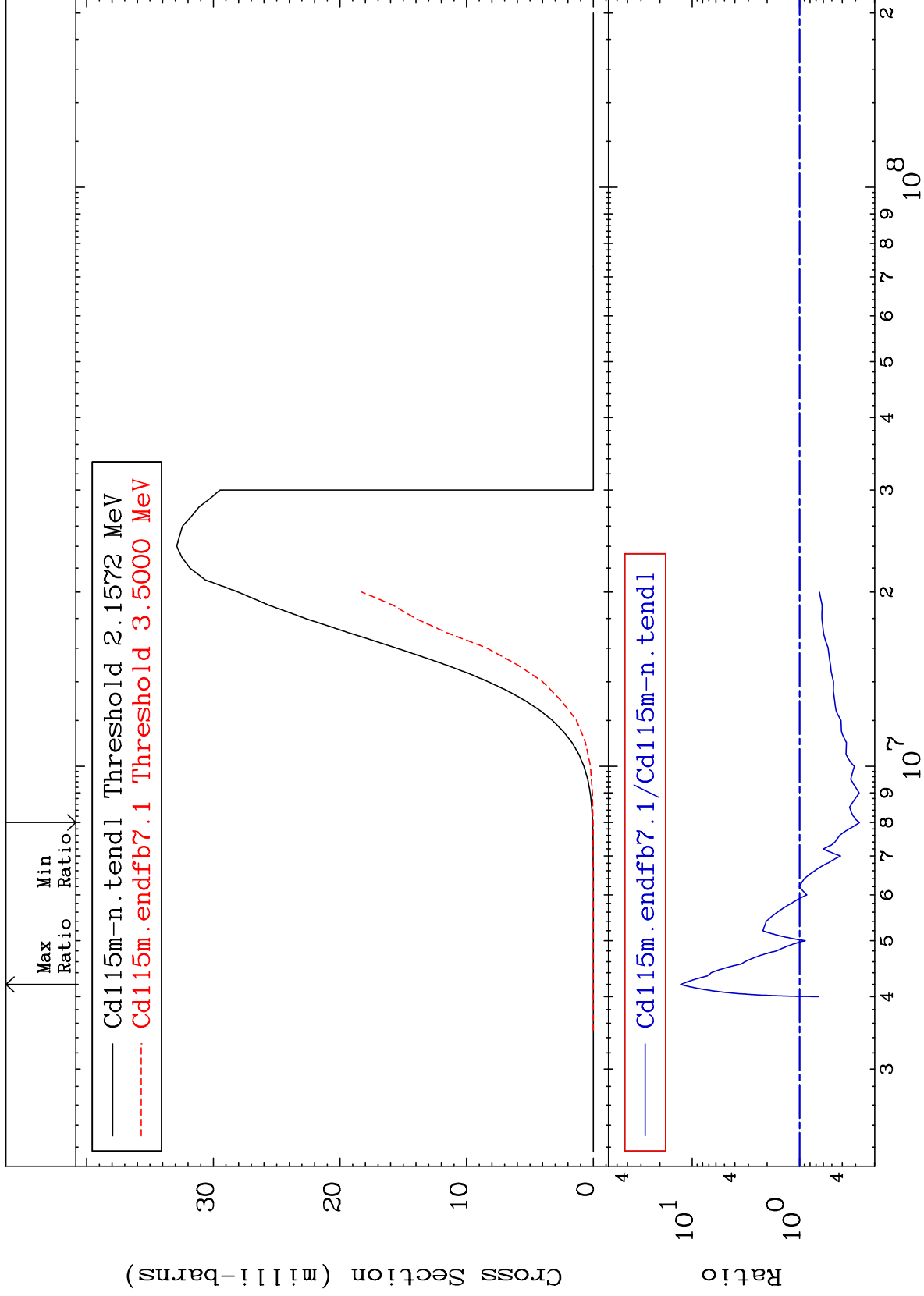
MAT 4853

(n, p)

48-Cd-115

Cross Section

-72.41 To 1177. %



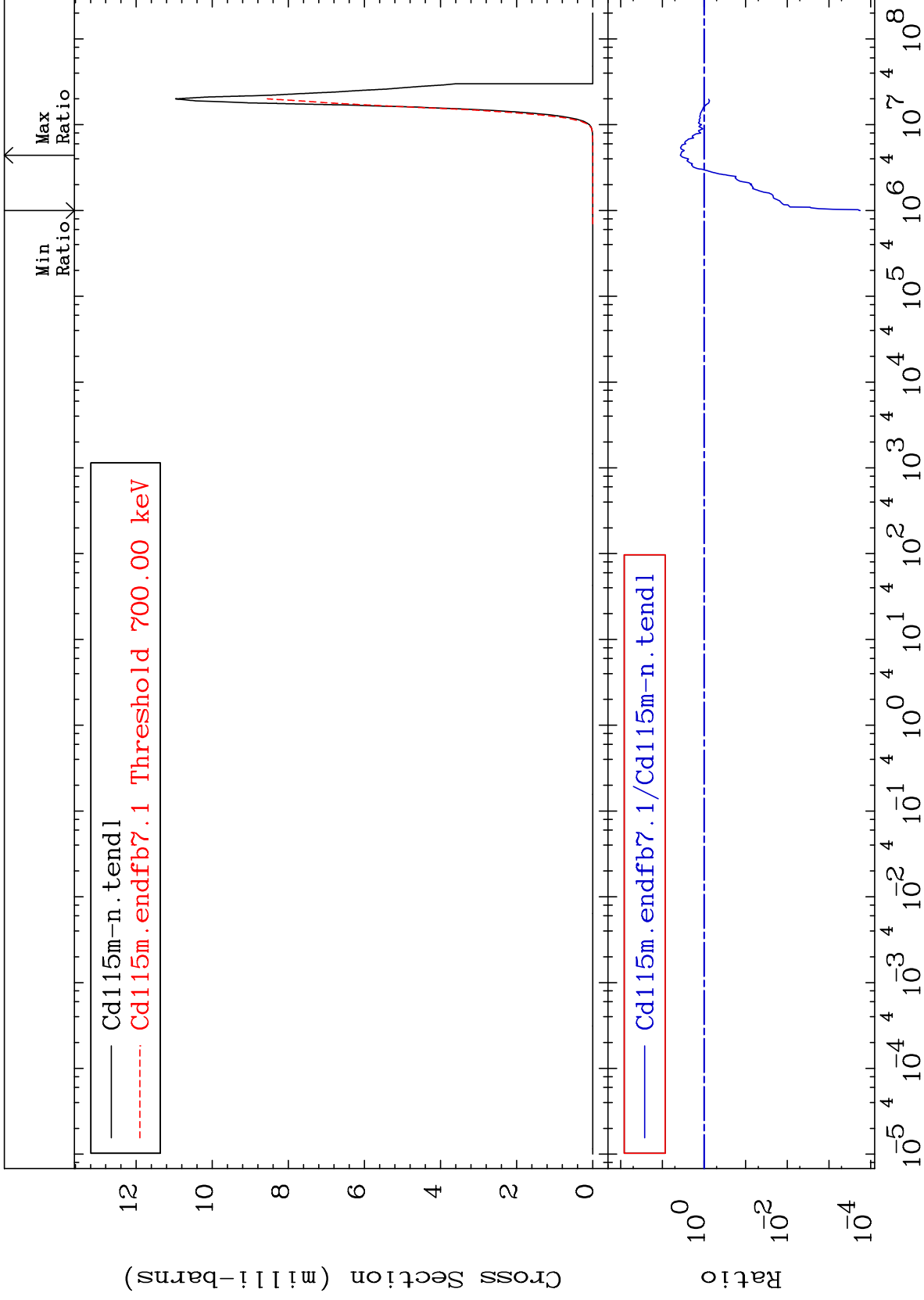
MAT 4853

(n, α)

48-Cd-115

Cross Section

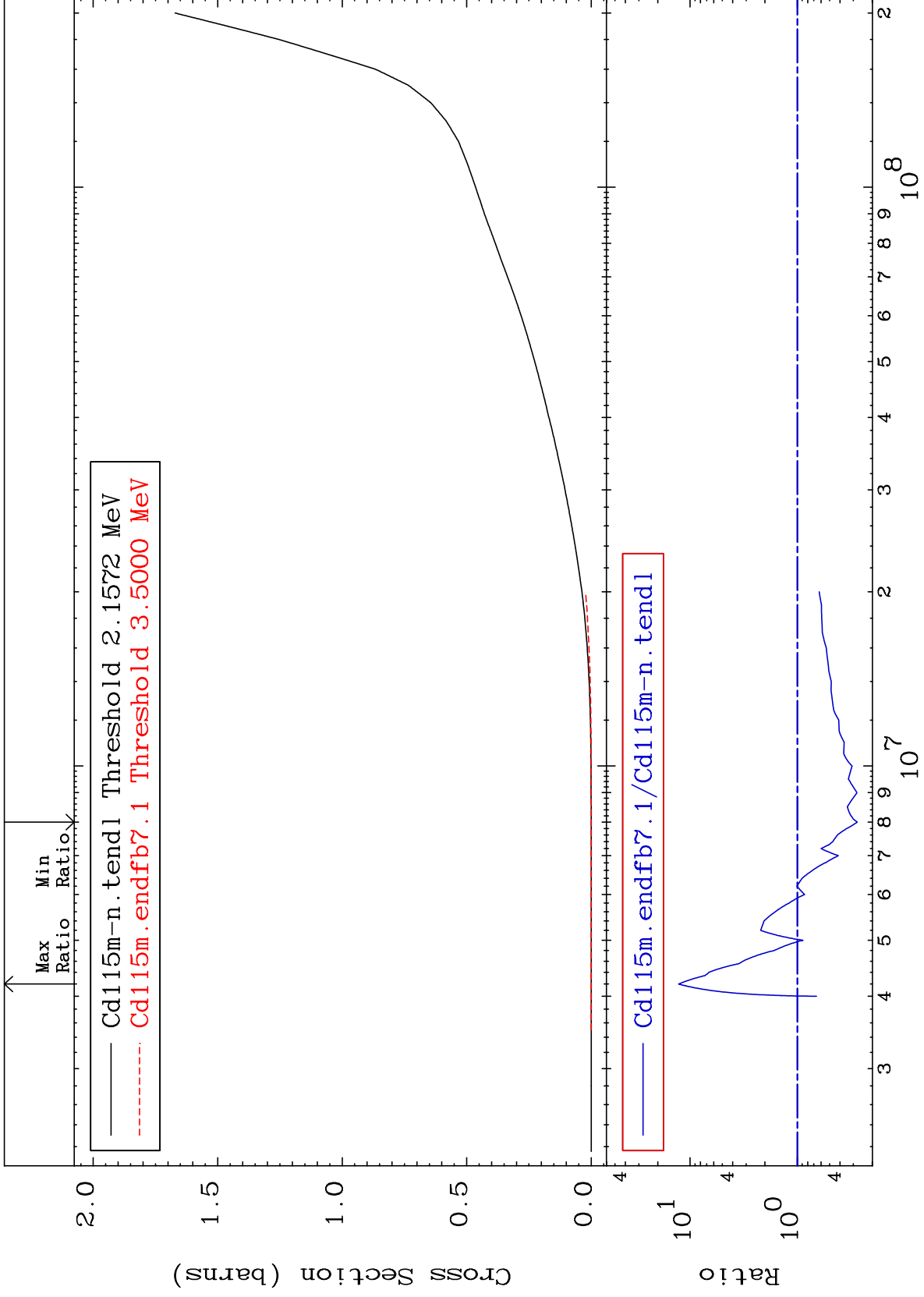
-99.98 To 269.4 %



Incident Energy (eV)

48-Cd-115

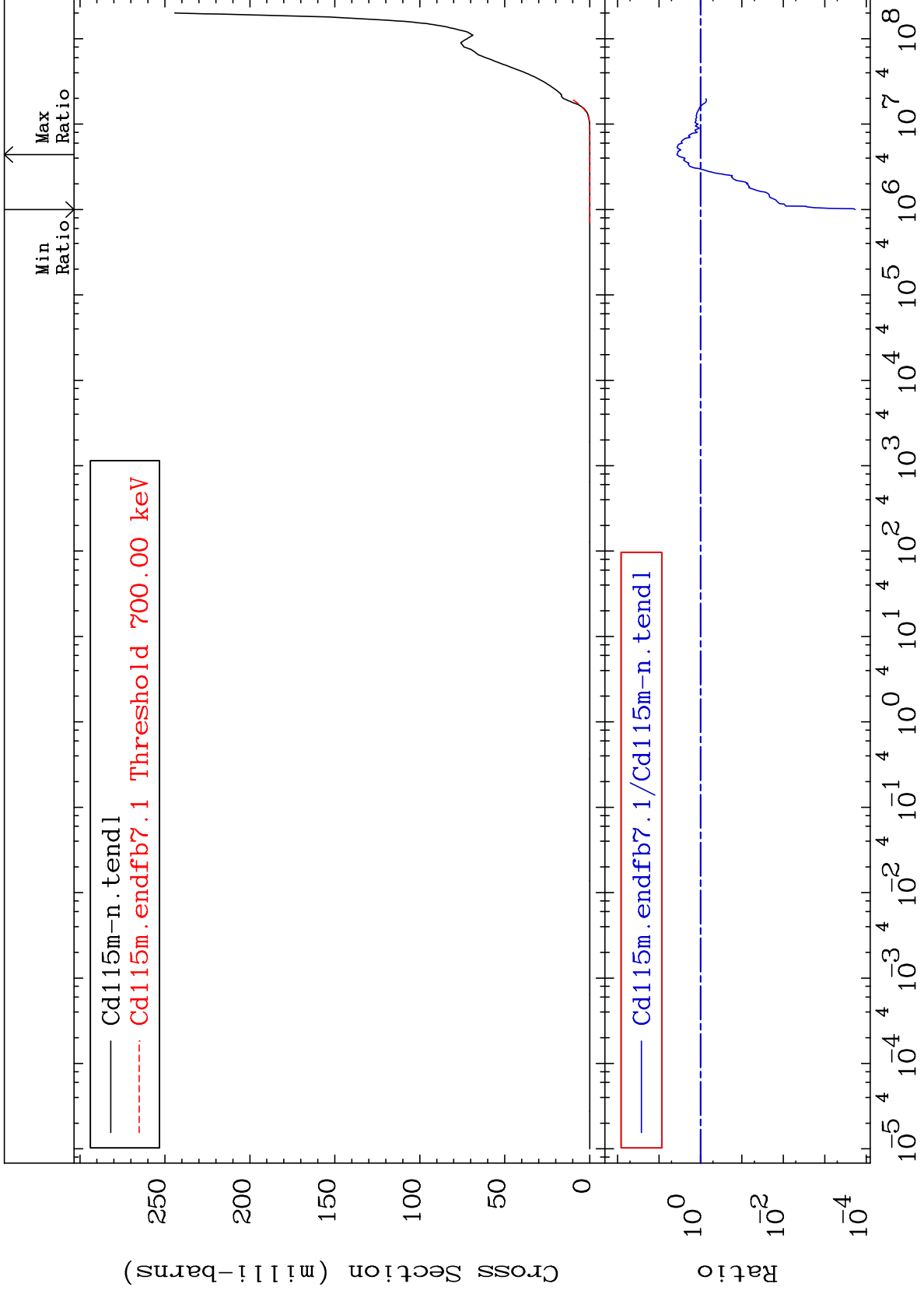
25



MAT 4853

He-4 Production
Cross Section

48-Cd-115
-99.98 To 269.4 %



27

Incident Energy (eV)

48-Cd-115

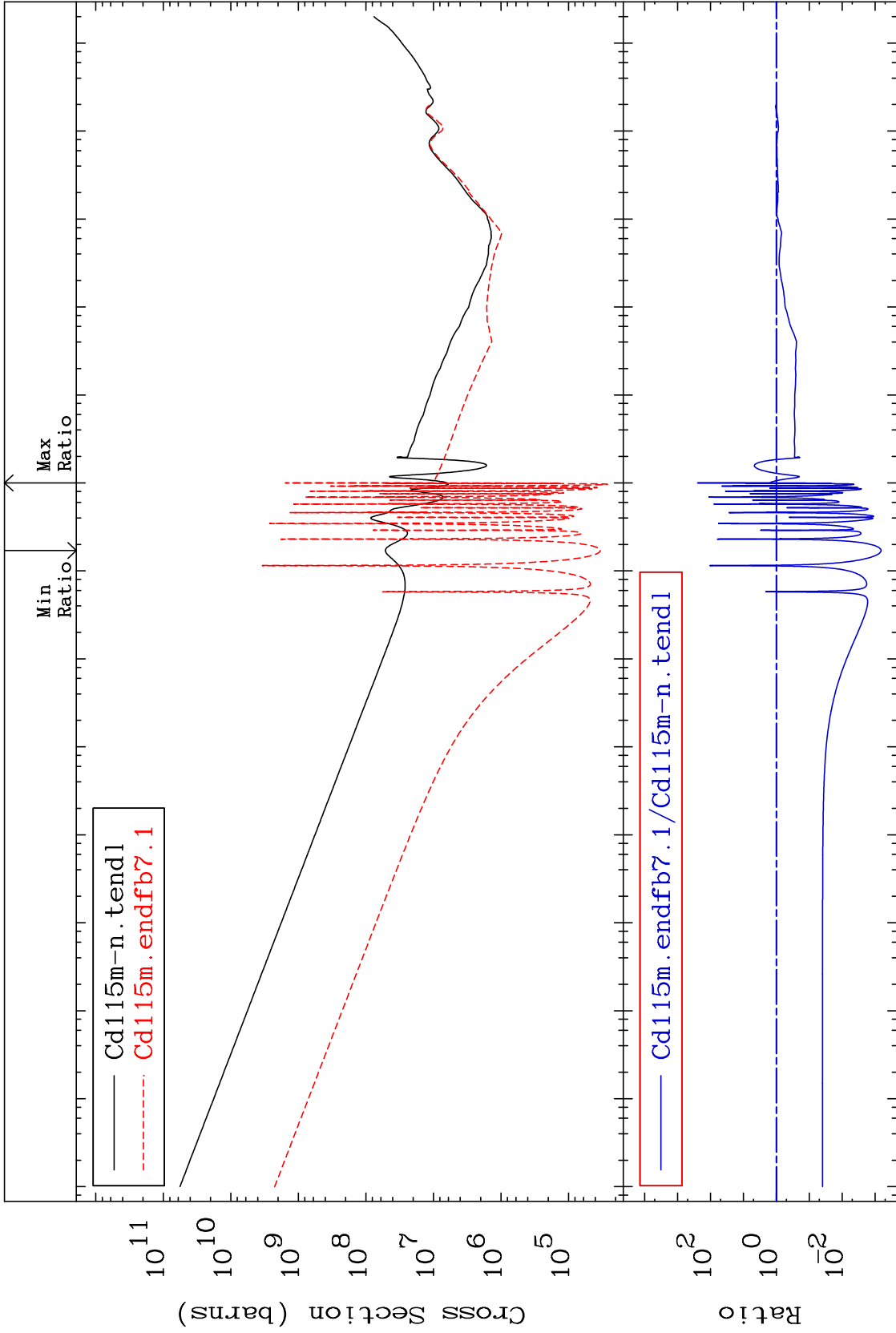
MAT 4853

Kerma total (eV-barns)

48-Cd-115

-99.93 To 9999. %

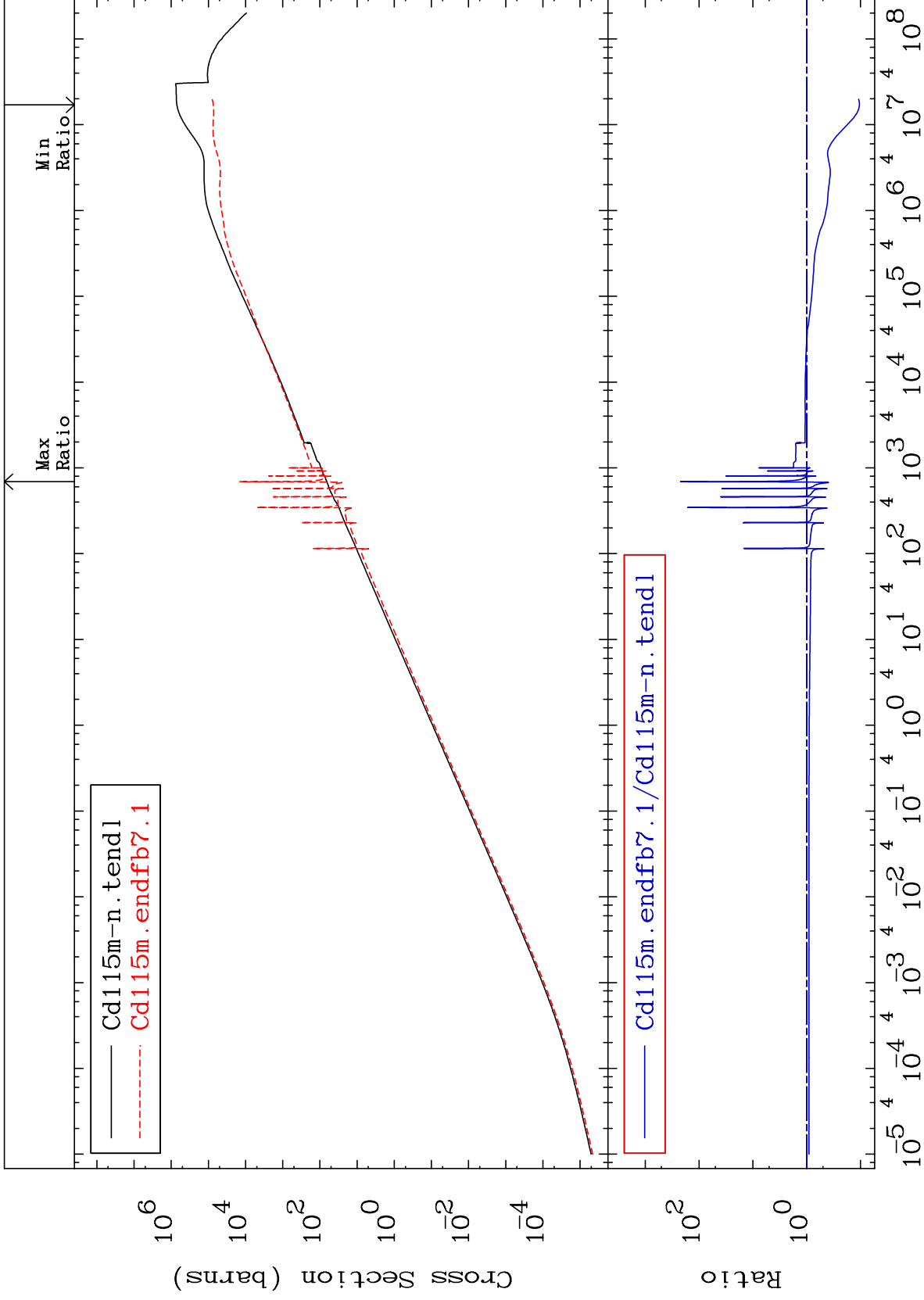
Cross Section



MAT 4853

Kerma elastic
Cross Section

48-Cd-115
-89.52 To 9999. %



29

Incident Energy (eV)

48-Cd-115

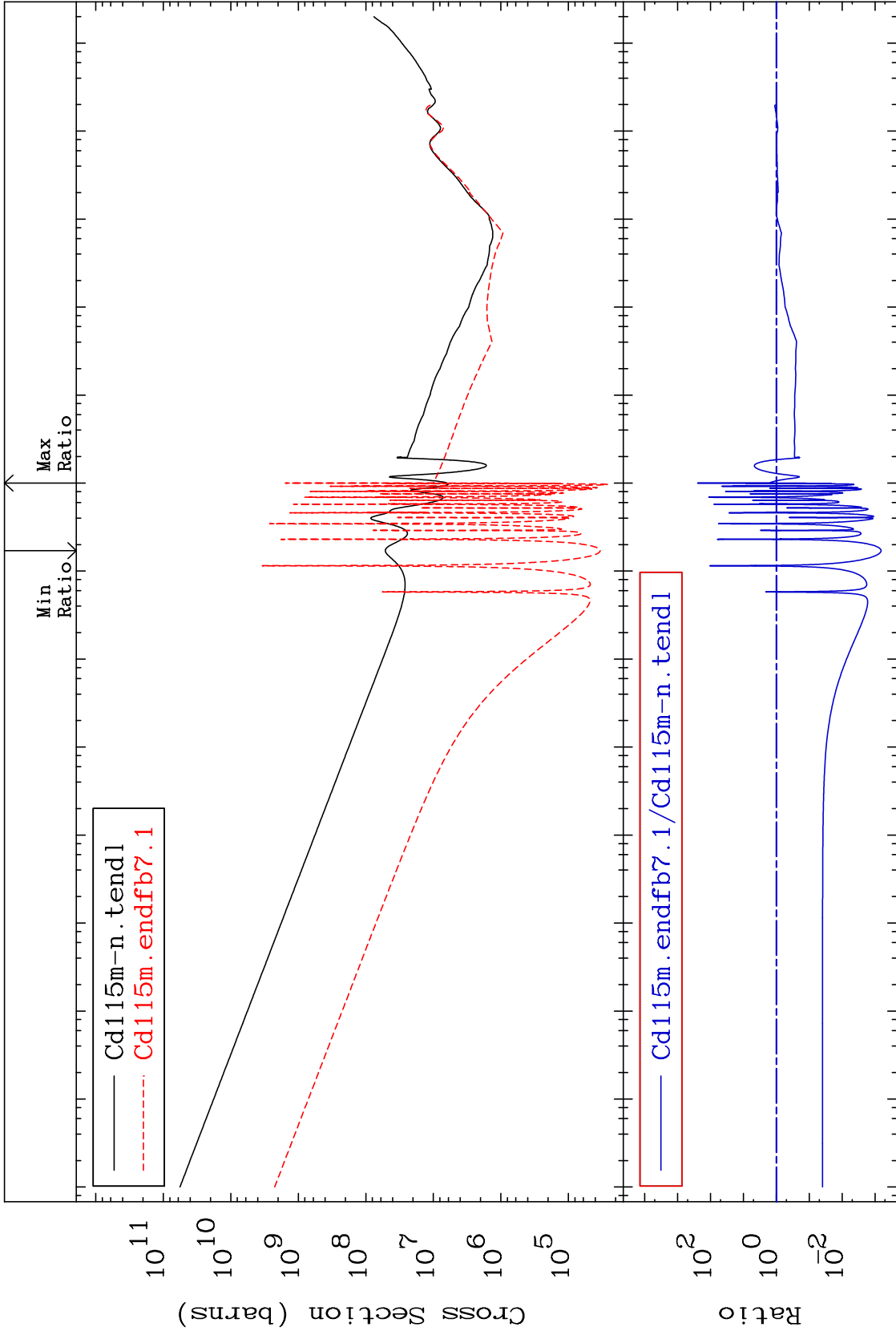
MAT 4853

Kerma non-elastic (all but mt2)

48-Cd-115

-99.93 To 9999. %

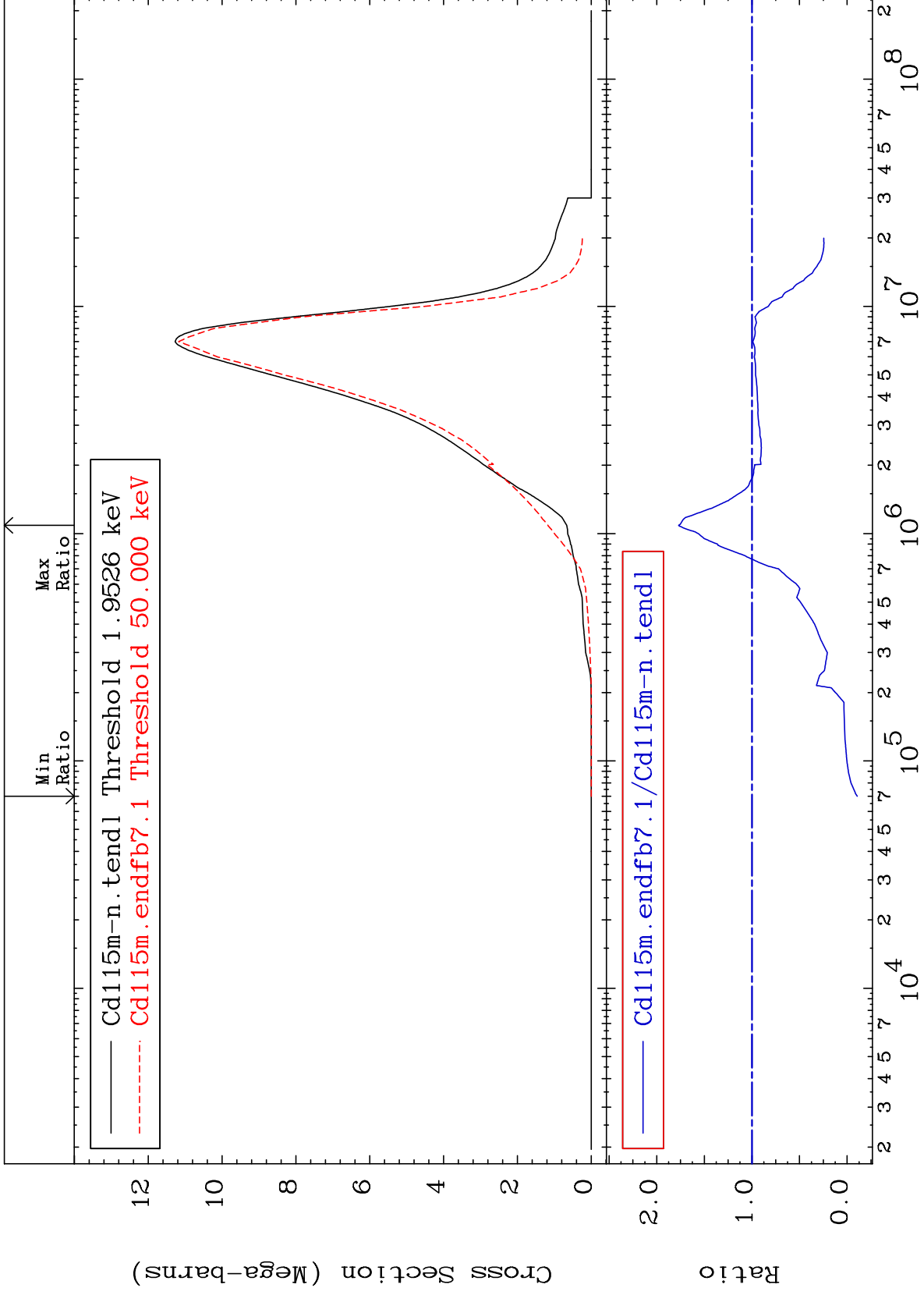
Cross Section



MAT 4853

Kerma inelastic (mt51-91)
Cross Section

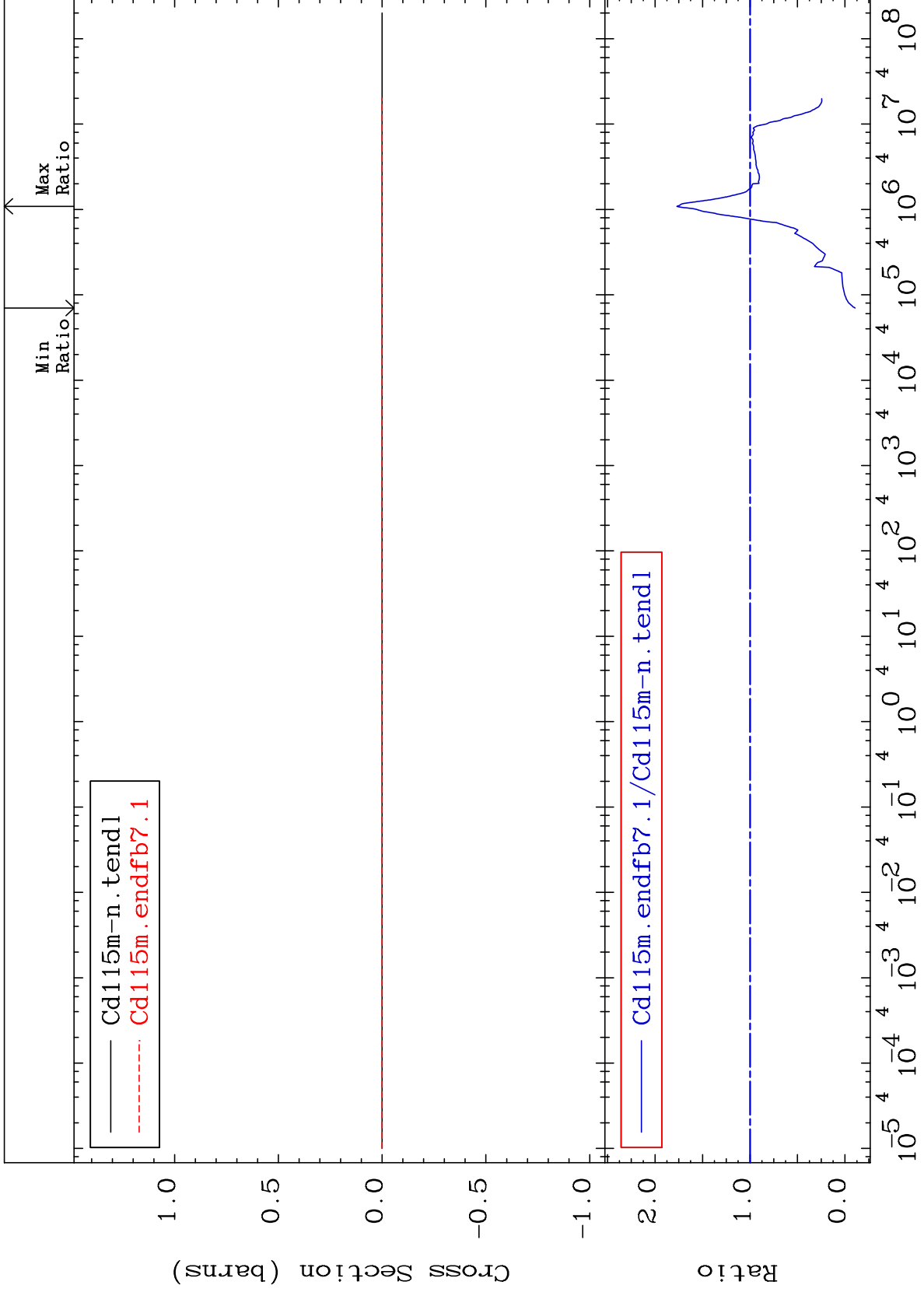
48-Cd-115
-110.6 To 76.97 %



MAT 4853

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

48-Cd-115
-110.6 To 76.97 %



Incident Energy (eV)

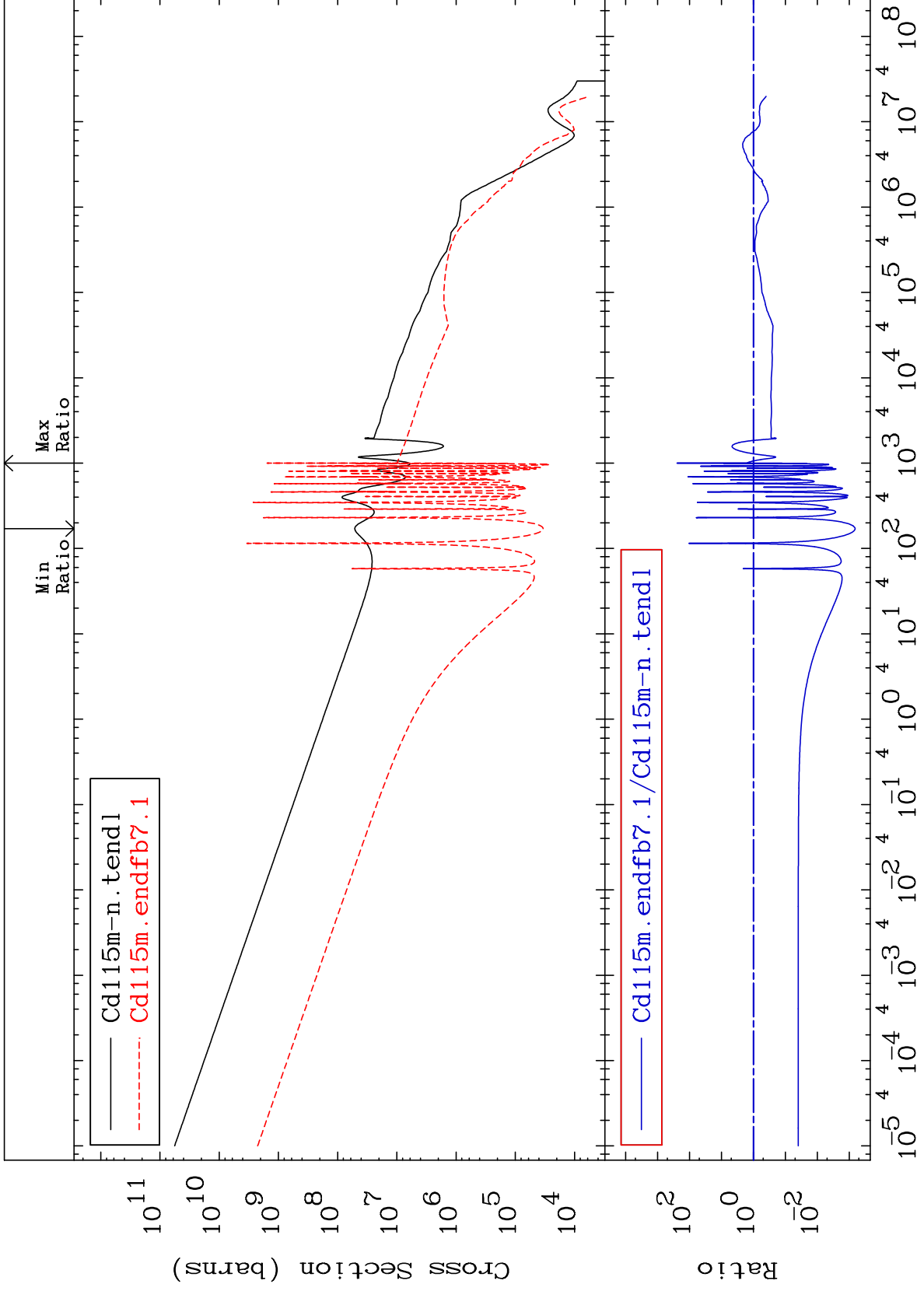
48-Cd-115

32

MAT 4853

Kerma capture (mt102)
Cross Section

48-Cd-115
-99.93 To 9999. %



33

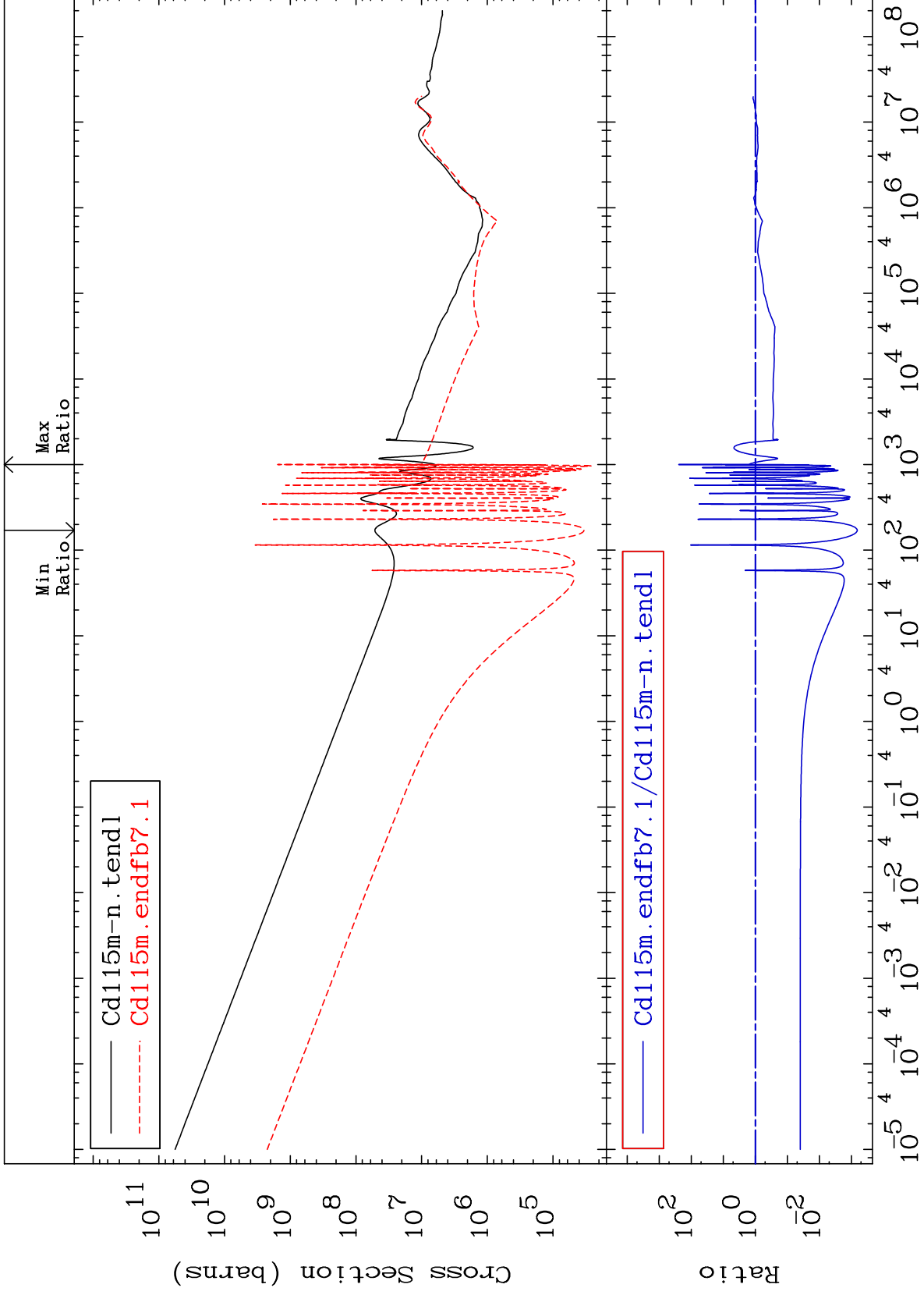
Incident Energy (eV)

48-Cd-115

MAT 4853

Total photon (eV-barns)
Cross Section

48-Cd-115
-99.93 To 9999. %



34

Incident Energy (eV)

48-Cd-115

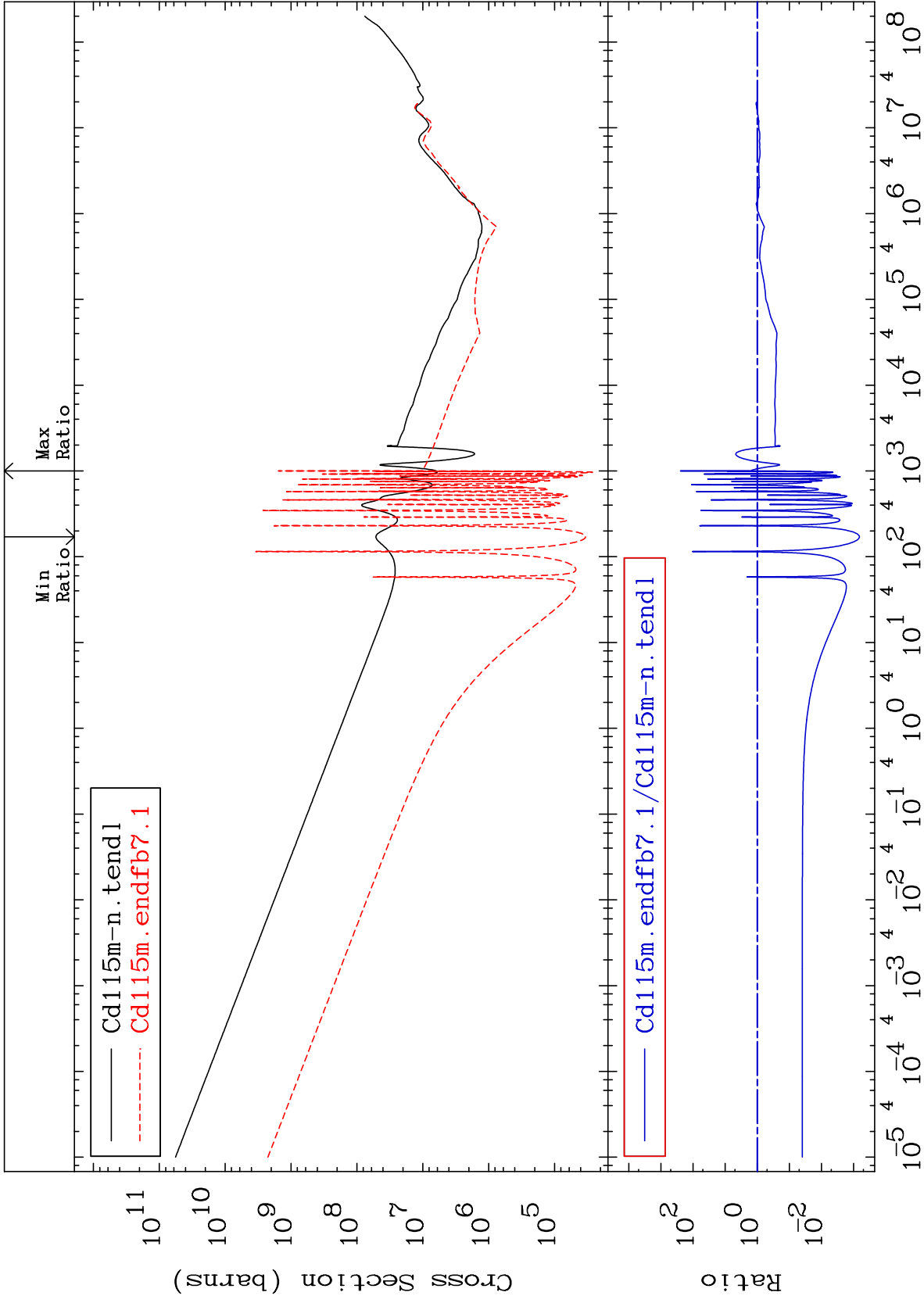
MAT 4853

Total kinematic kerma (high limit)

48-Cd-115

-99.93 To 9999. %

Cross Section



35

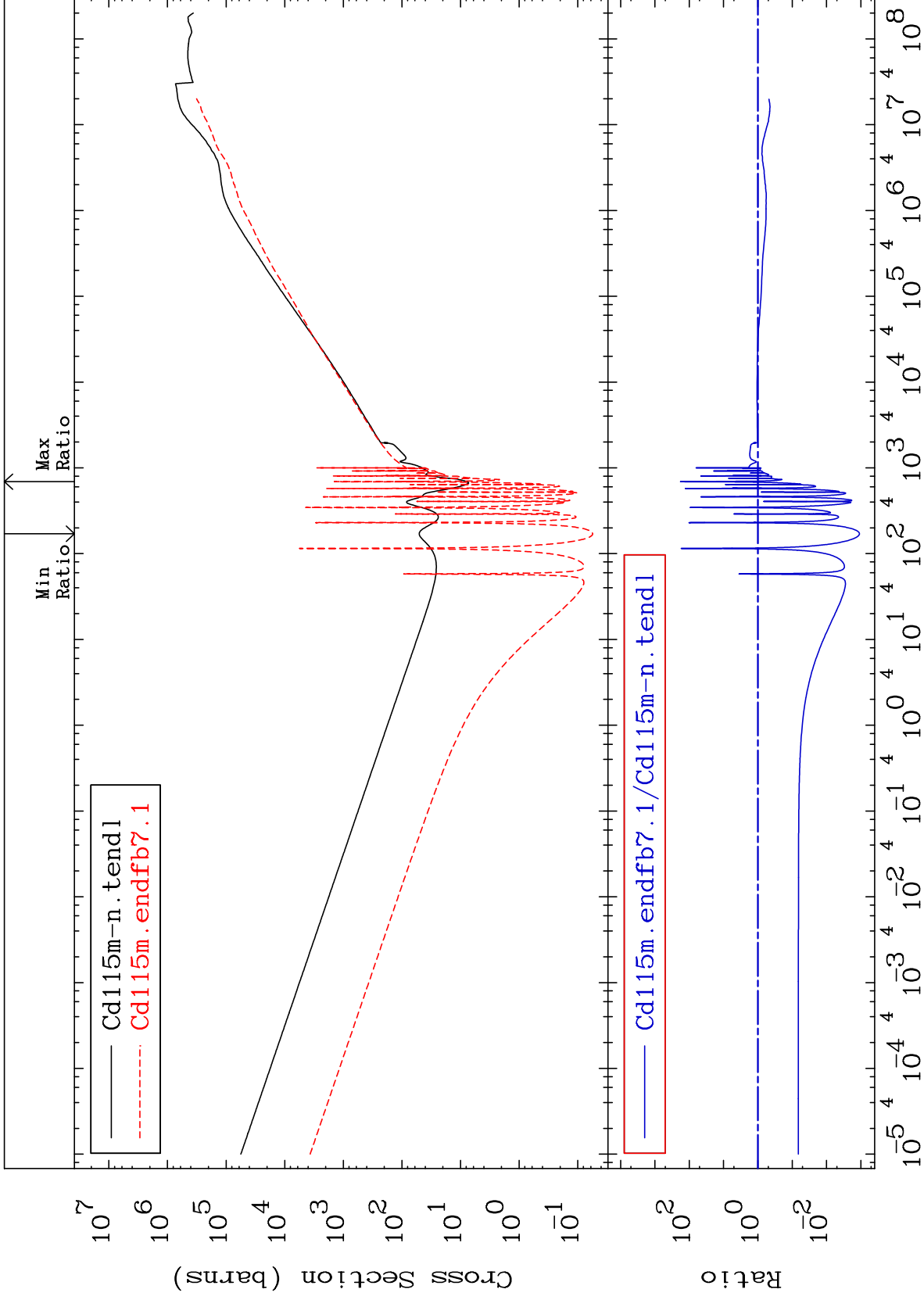
Incident Energy (eV)

48-Cd-115

MAT 4853

Dpa total (eV-barns)
Cross Section

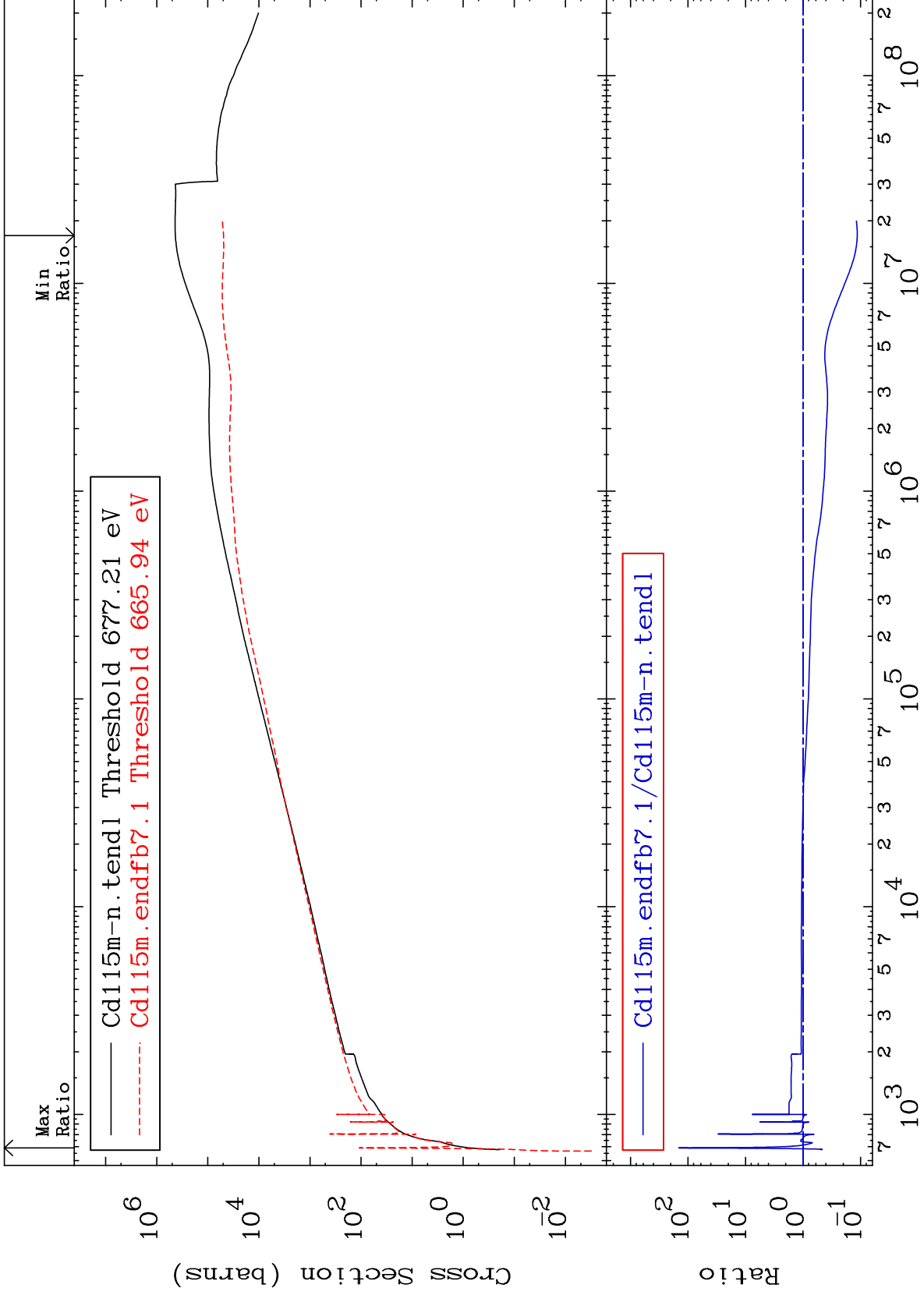
48-Cd-115
-99.89 To 9999. %



MAT 4853

Dpa elastic (mt2)
Cross Section

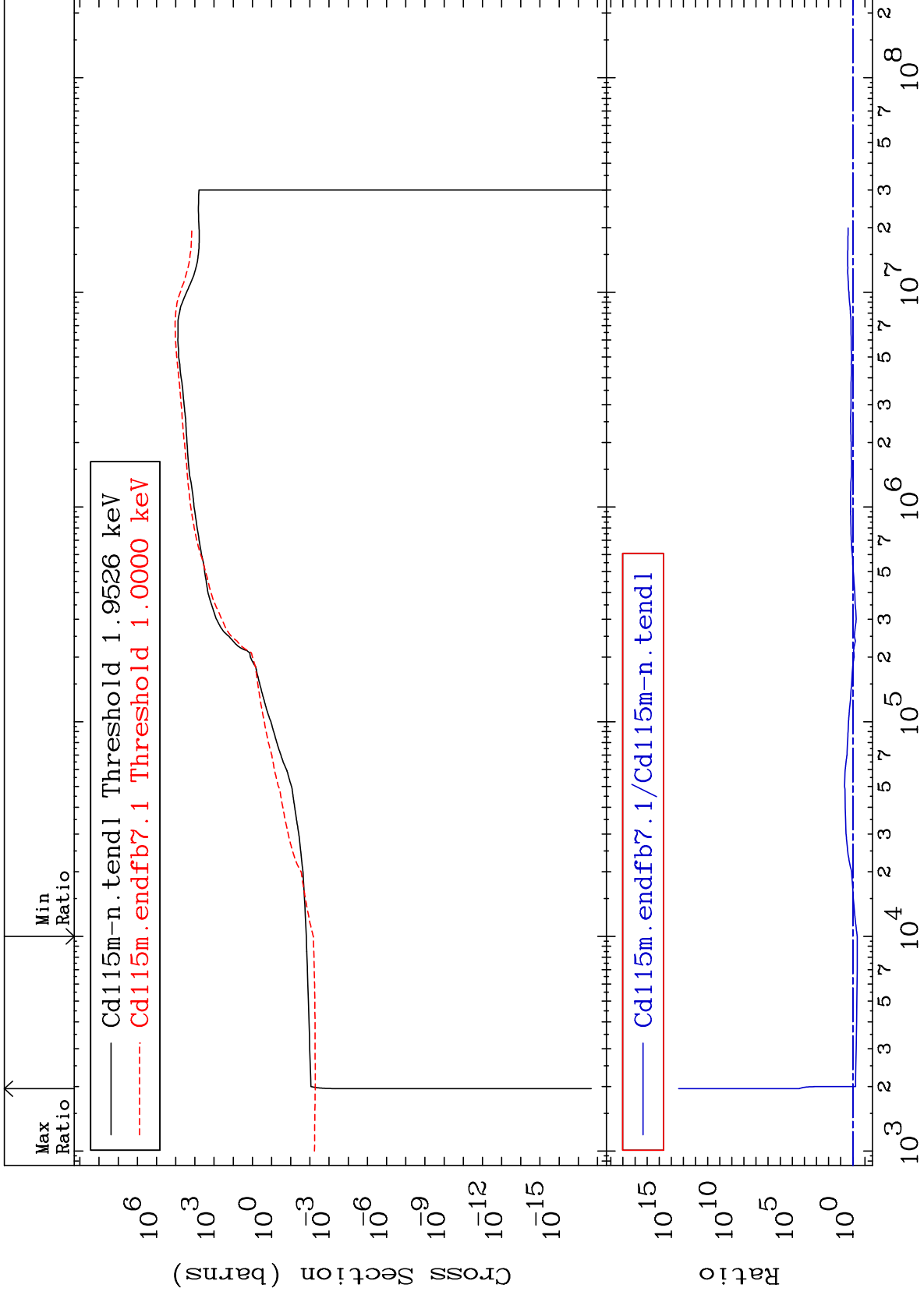
48-Cd-115
-88.59 To 9999. %



MAT 4853

Dpa inelastic (mt51-91)
Cross Section

48-Cd-115
-57.22 To 9999. %



38

Incident Energy (eV)

48-Cd-115

MAT 4853

Dpa disappearance (mt102 -120)
Cross Section

48-Cd-115
-99.89 To 9999. %

