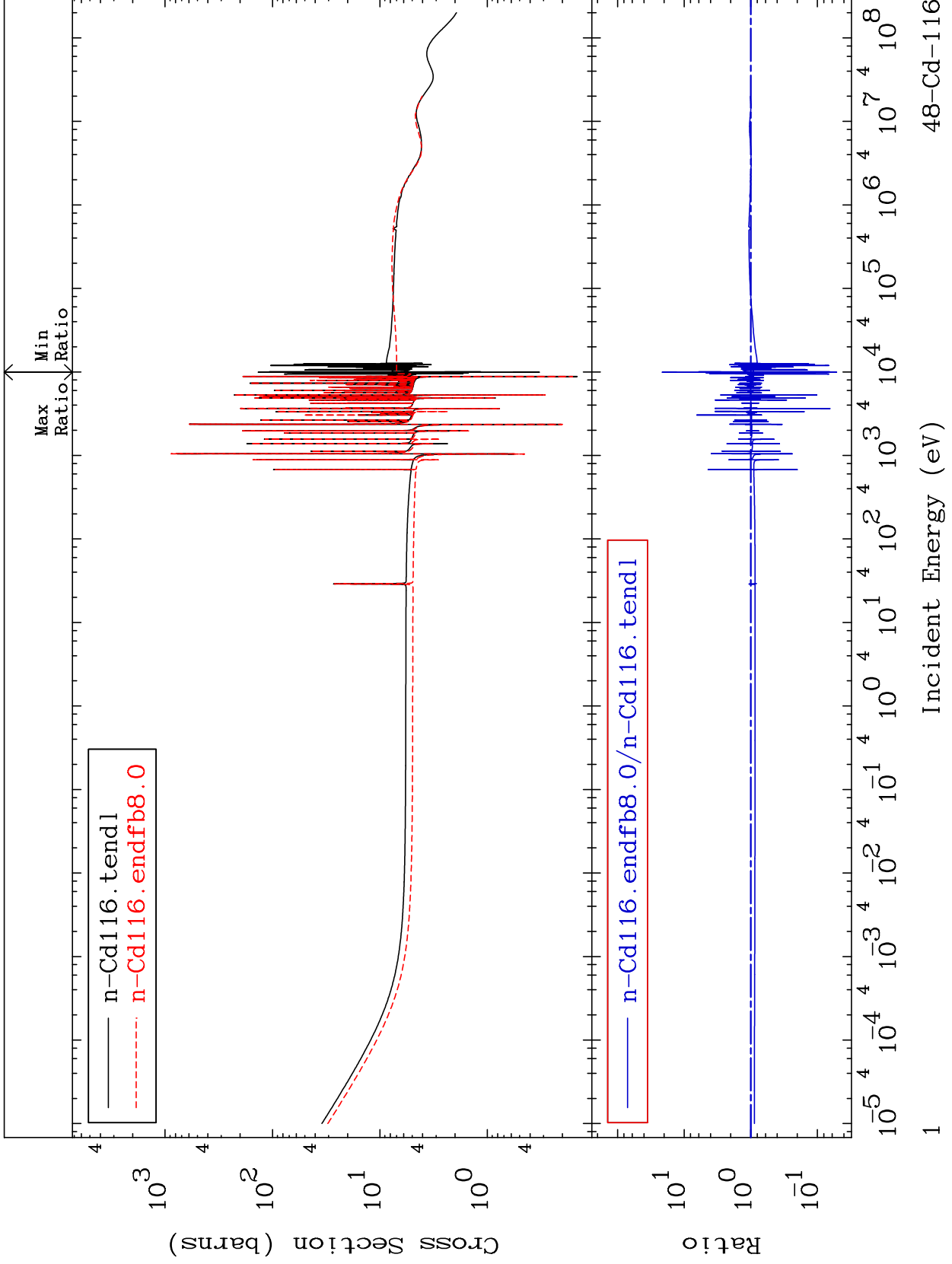


MAT 4855

Total
Cross Section

48-Cd-116
-94.87 To 2025. %

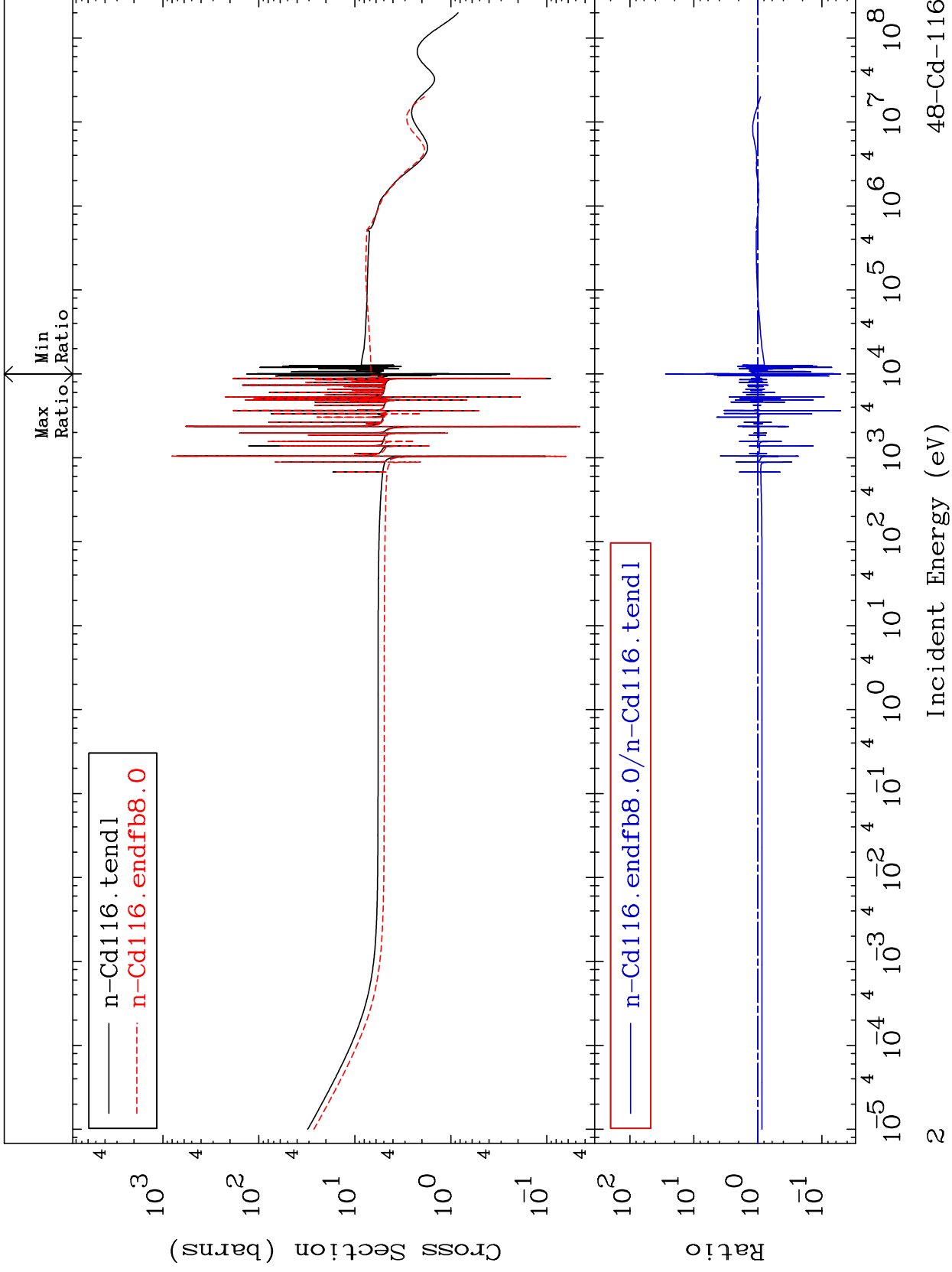


48-Cd-116

MAT 4855

Elastic
Cross Section

48-Cd-116
-94.92 To 2677. %



48-Cd-116

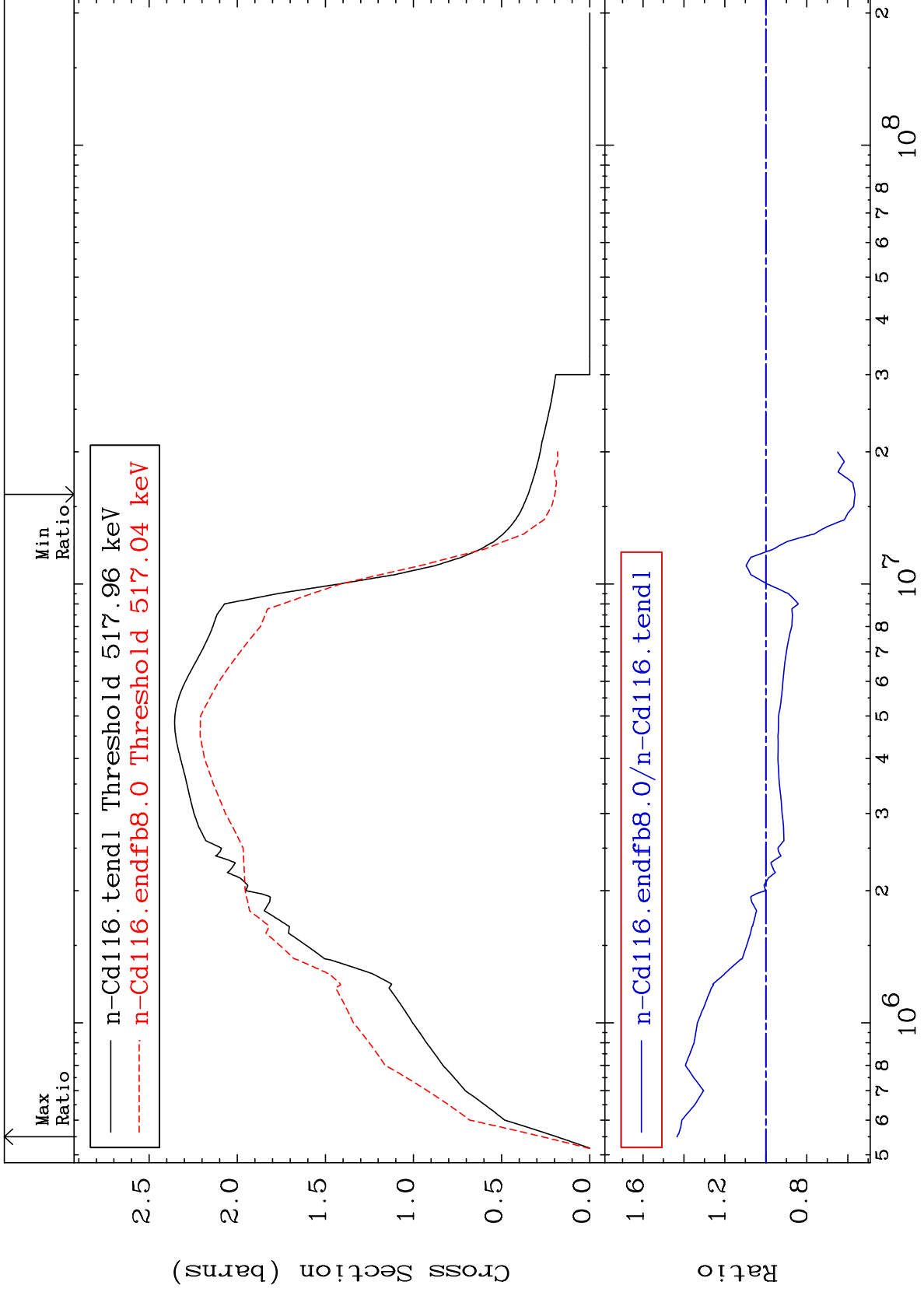
Incident Energy (eV)

2

MAT 4855

Inelastic
Cross Section

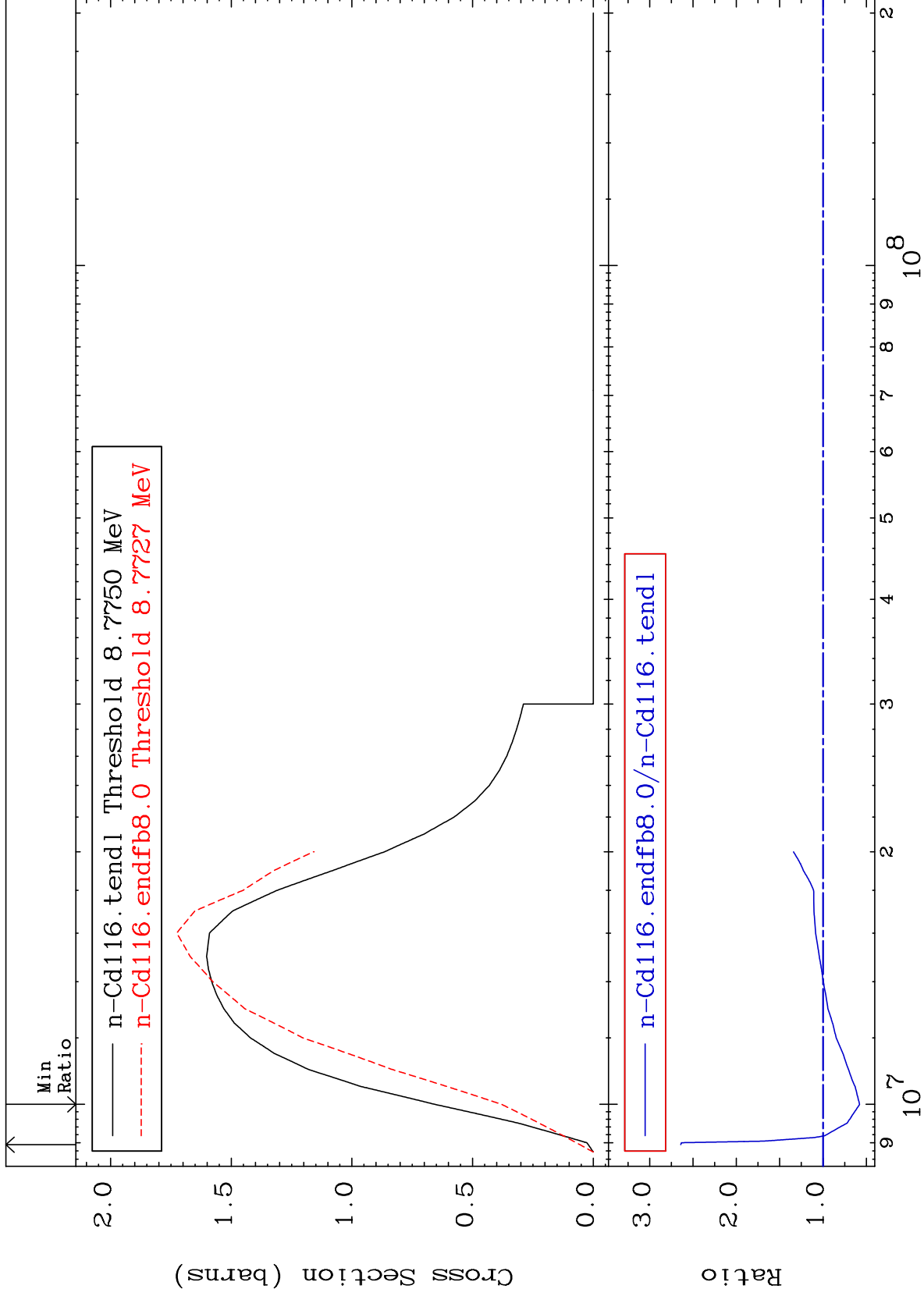
48-Cd-116
-43.58 To 43.42 %



MAT 4855

(n,2n)
Cross Section

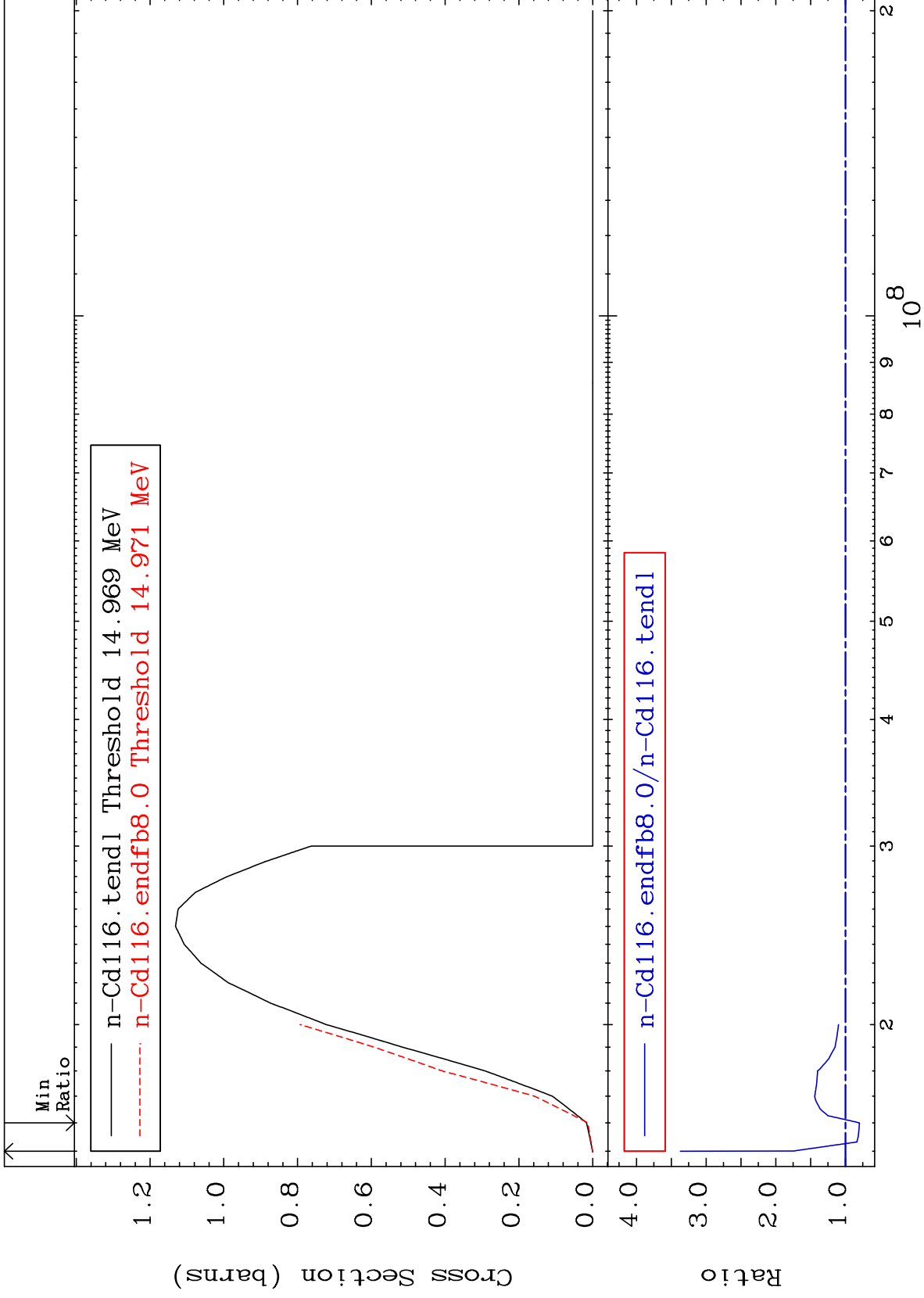
48-Cd-116
-42.15 To 164.1 %



MAT 4855

(n,3n)
Cross Section

48-Cd-116
-20.17 To 237.0 %



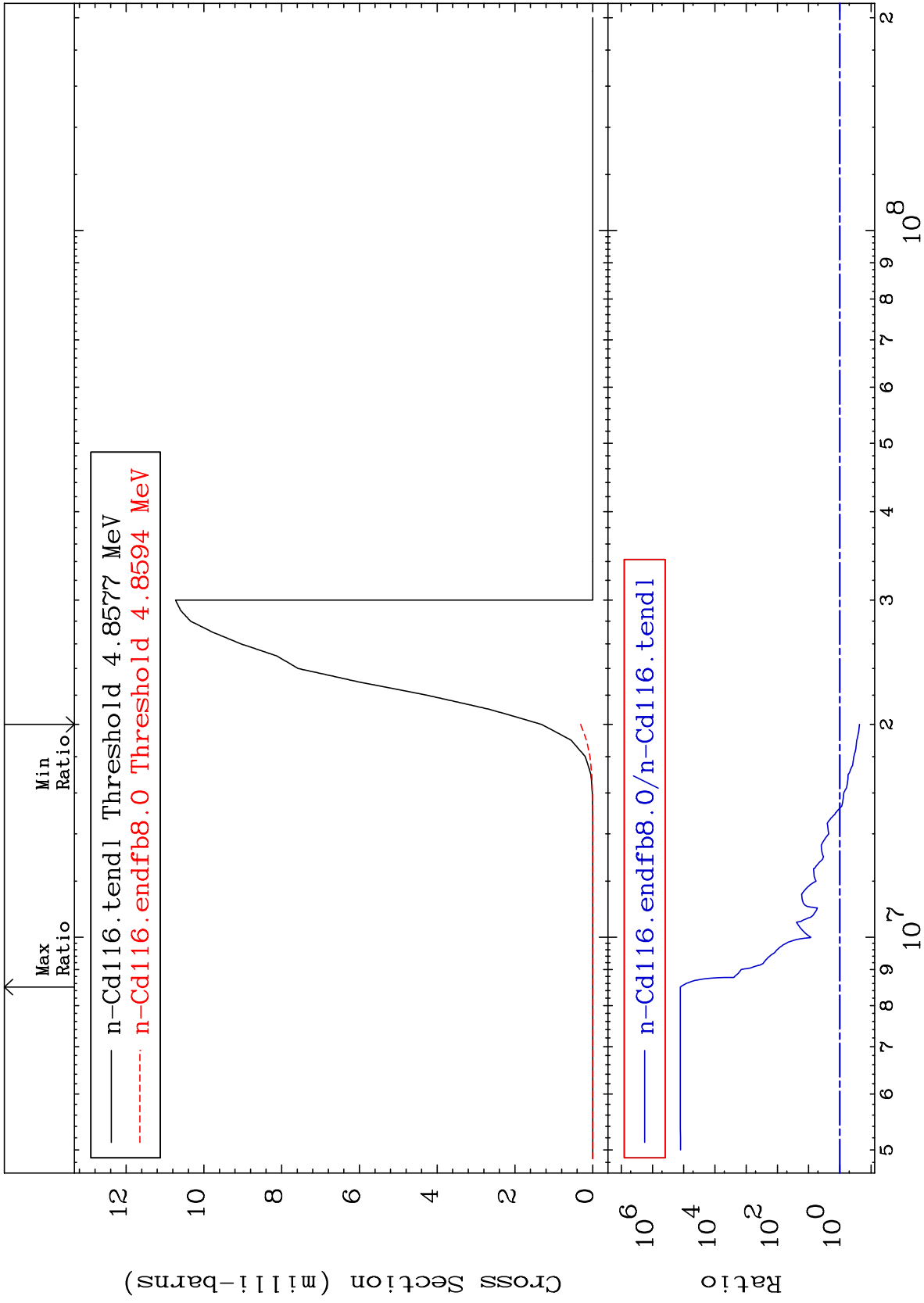
MAT 4855

(n, n') α

48-Cd-116

Cross Section

-76.46 To 9999. %



6

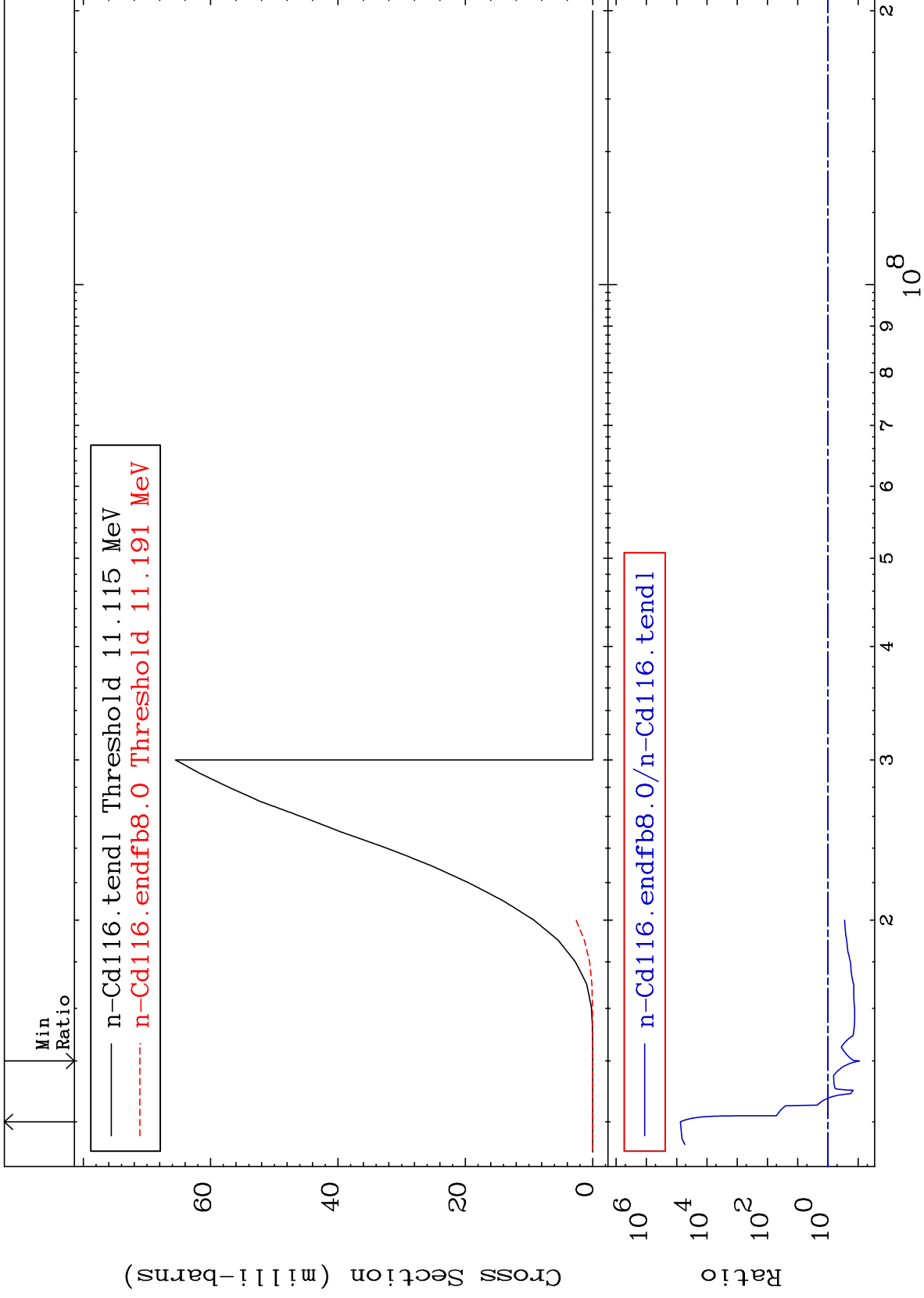
Incident Energy (eV)

48-Cd-116

MAT 4855

(n,n') p
Cross Section

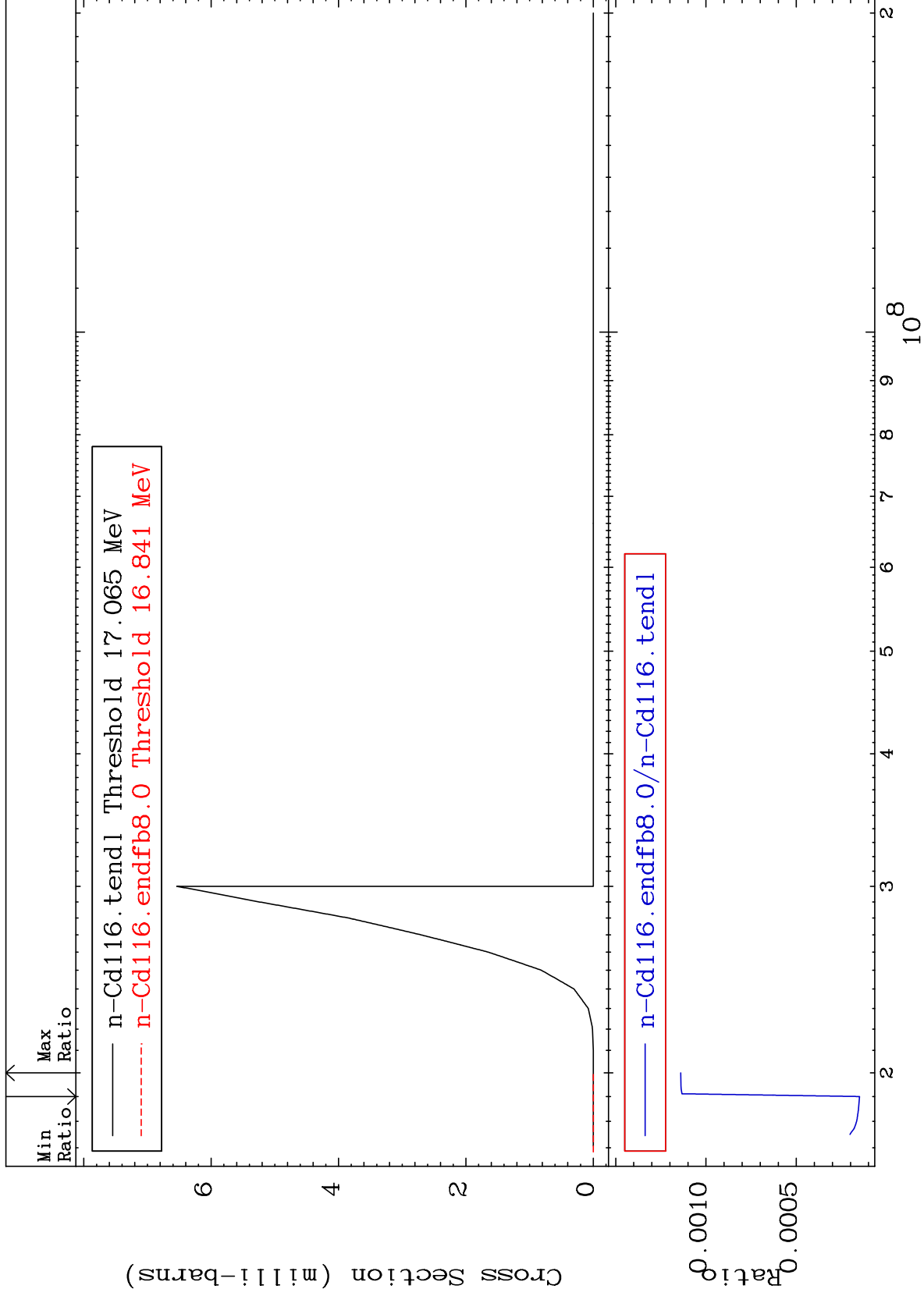
48-Cd-116
-90.91 To 9999. %



MAT 4855

(n,n') d
Cross Section

48-Cd-116
-99.98 To -99.89%



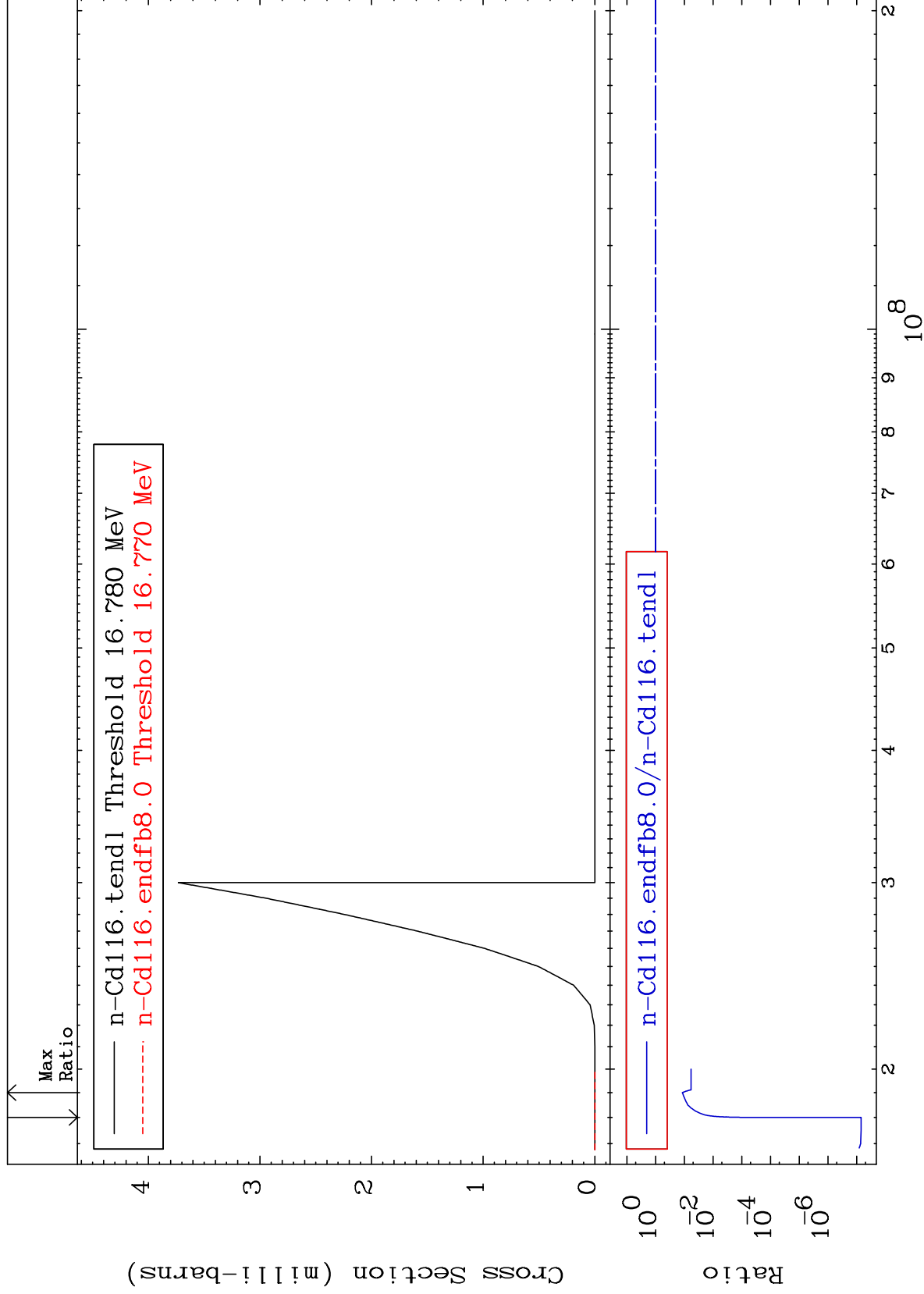
MAT 4855

(n,n') t

48-Cd-116

Cross Section

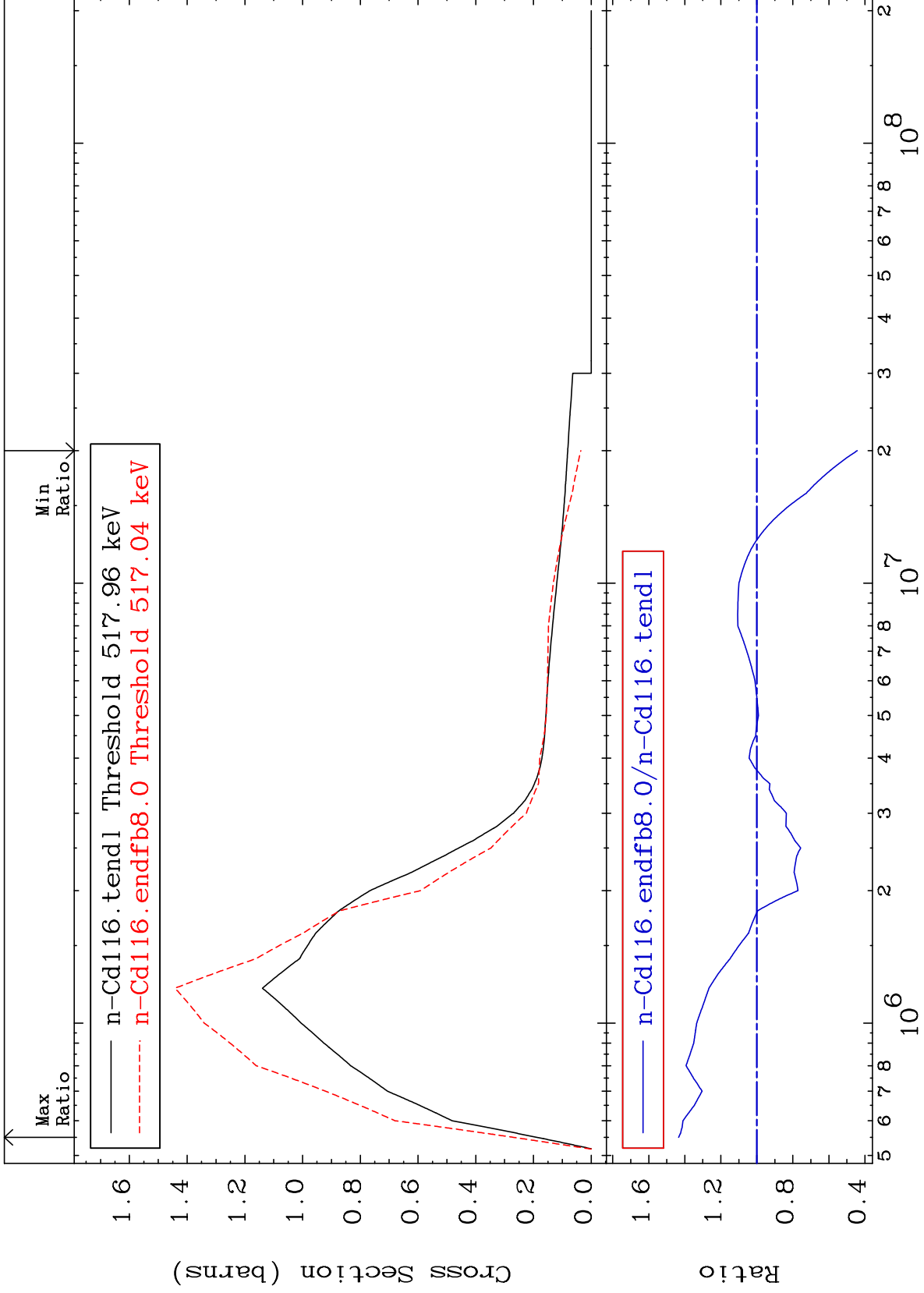
-100.0 To -88.22%



MAT 4855

MT= 51 (n,n') Level
Cross Section

48-Cd-116
-55.74 To 43.42 %



10

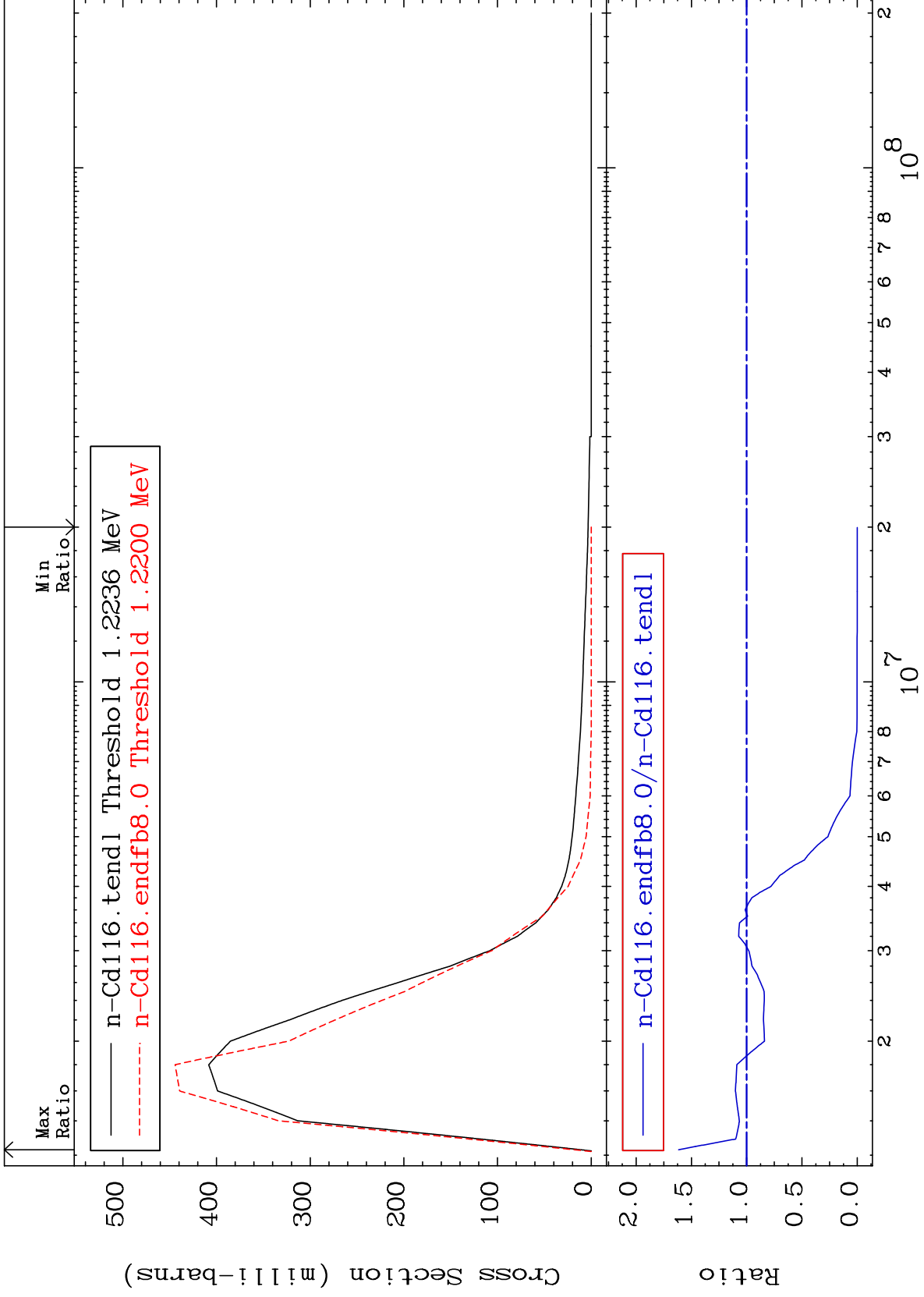
Incident Energy (eV)

48-Cd-116

MAT 4855

MT= 52 (n, n') Level
Cross Section

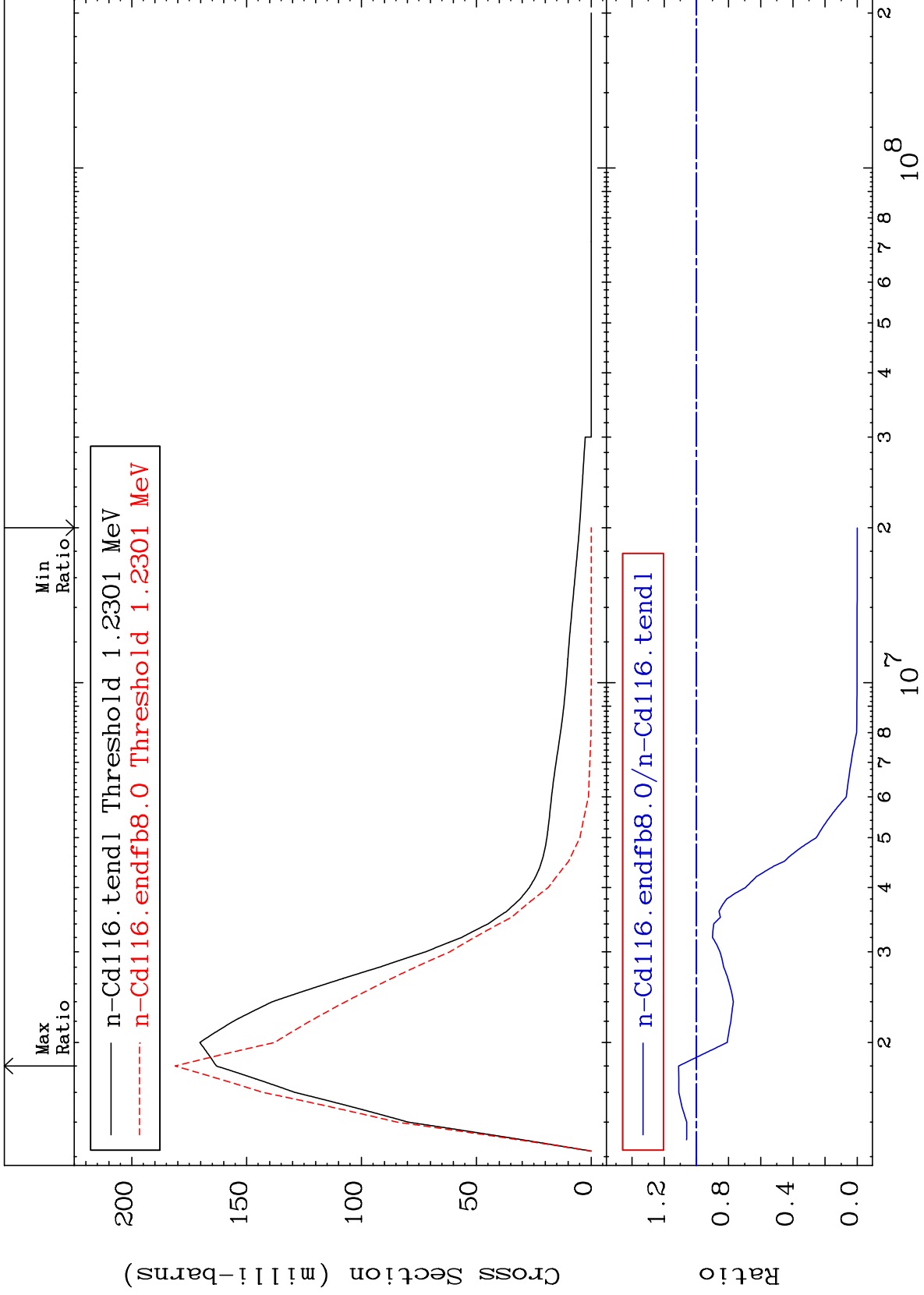
48-Cd-116
-100.0 To 61.53 %



MAT 4855

MT= 53 (n, n') Level
Cross Section

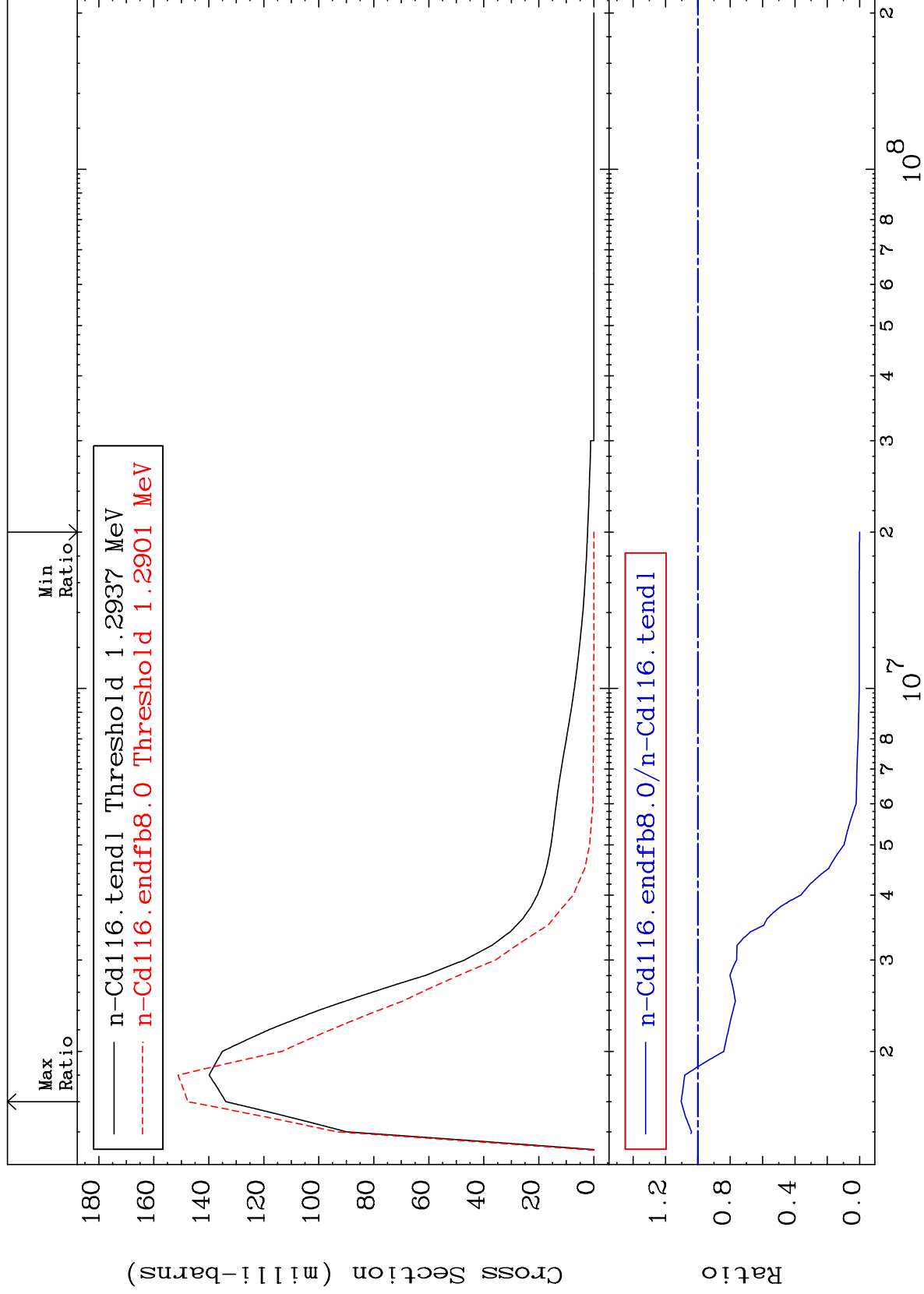
48-Cd-116
-100.0 To 11.03 %



MAT 4855

MT= 54 (n, n') Level
Cross Section

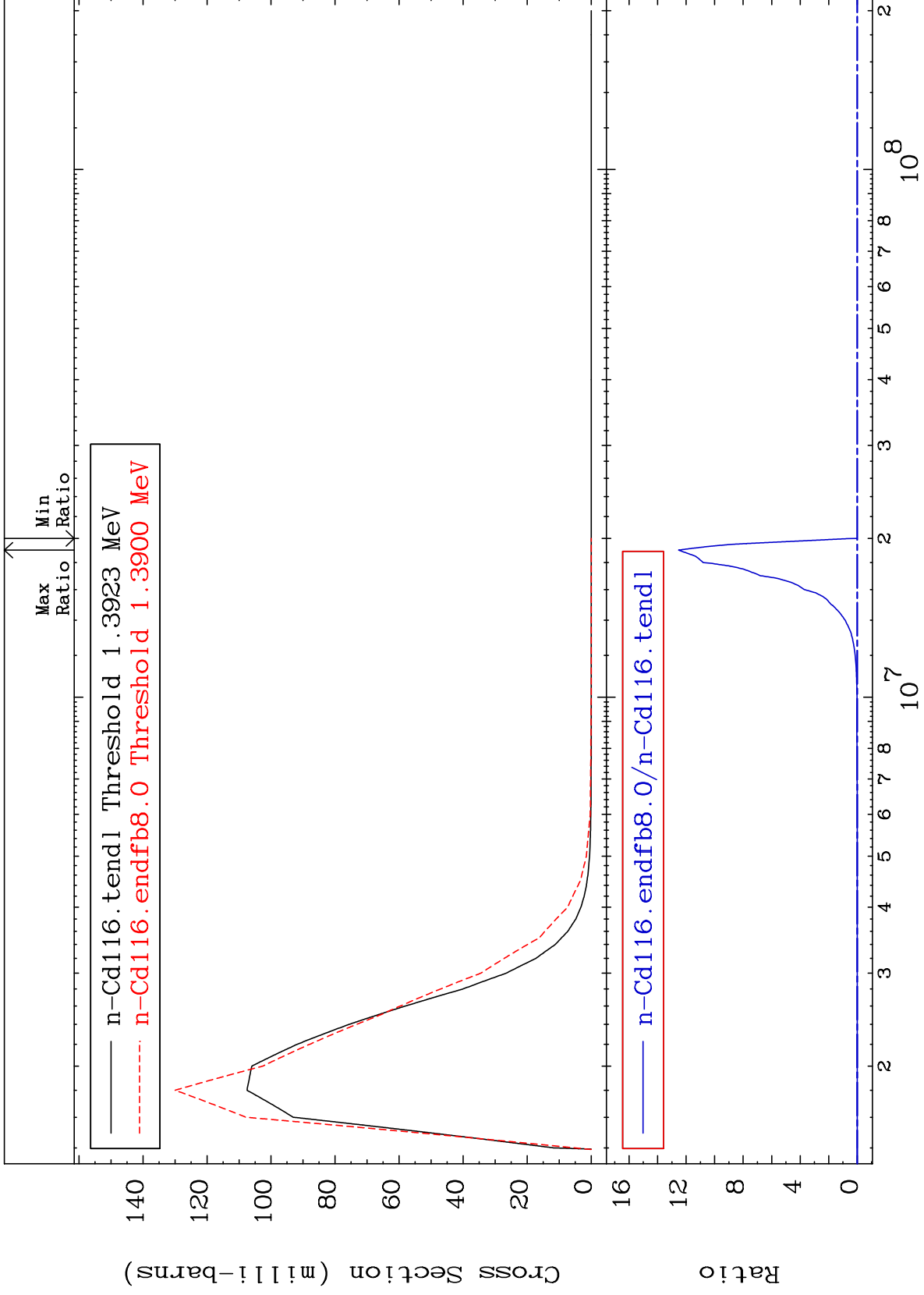
48-Cd-116
-100.0 To 10.30 %



MAT 4855

MT= 55 (n,n') Level
Cross Section

48-Cd-116
-100.0 To 9999. %



14

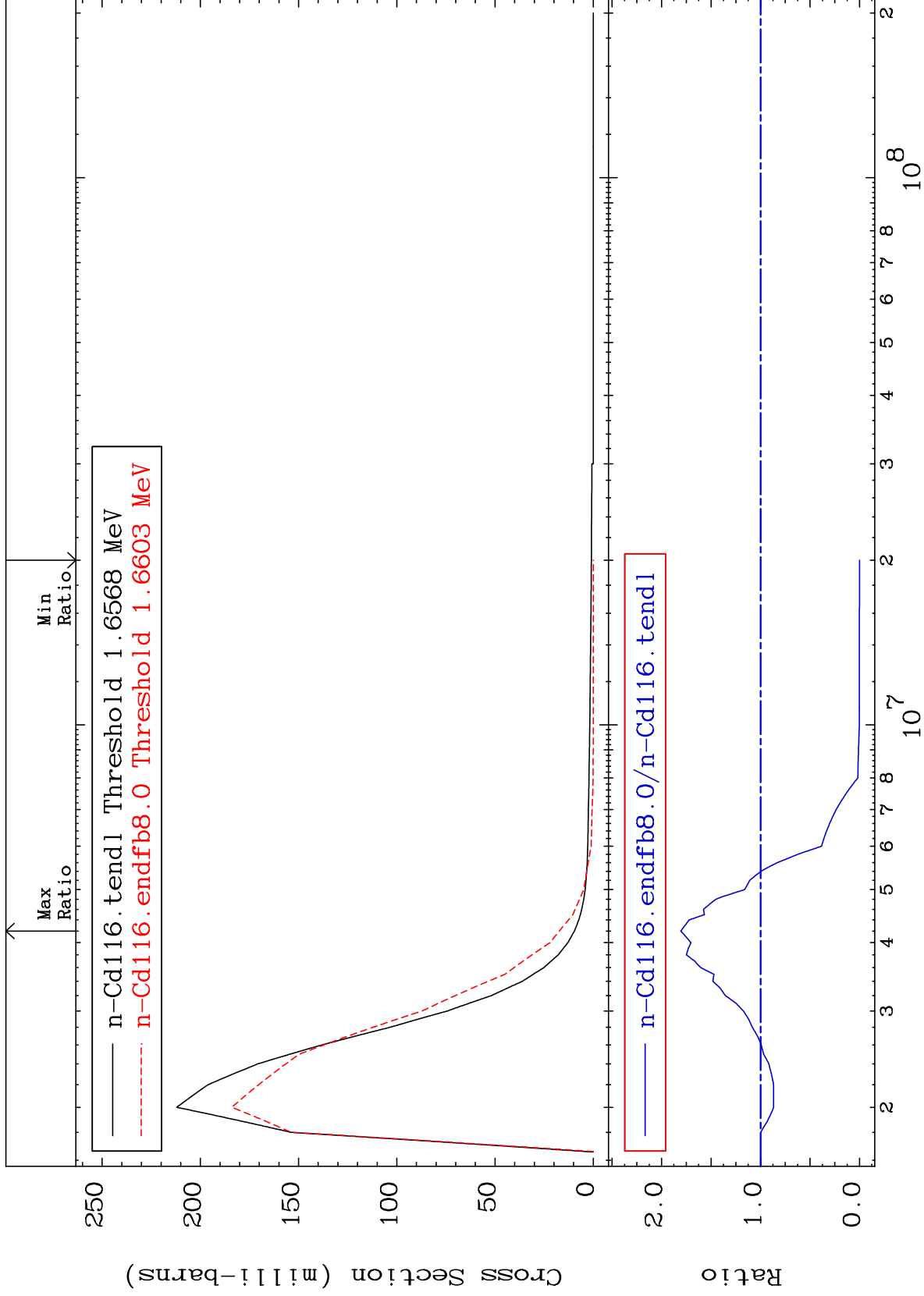
Incident Energy (eV)

48-Cd-116

MAT 4855

MT= 56 (n,n') Level
Cross Section

48-Cd-116
-100.0 To 80.61 %



15

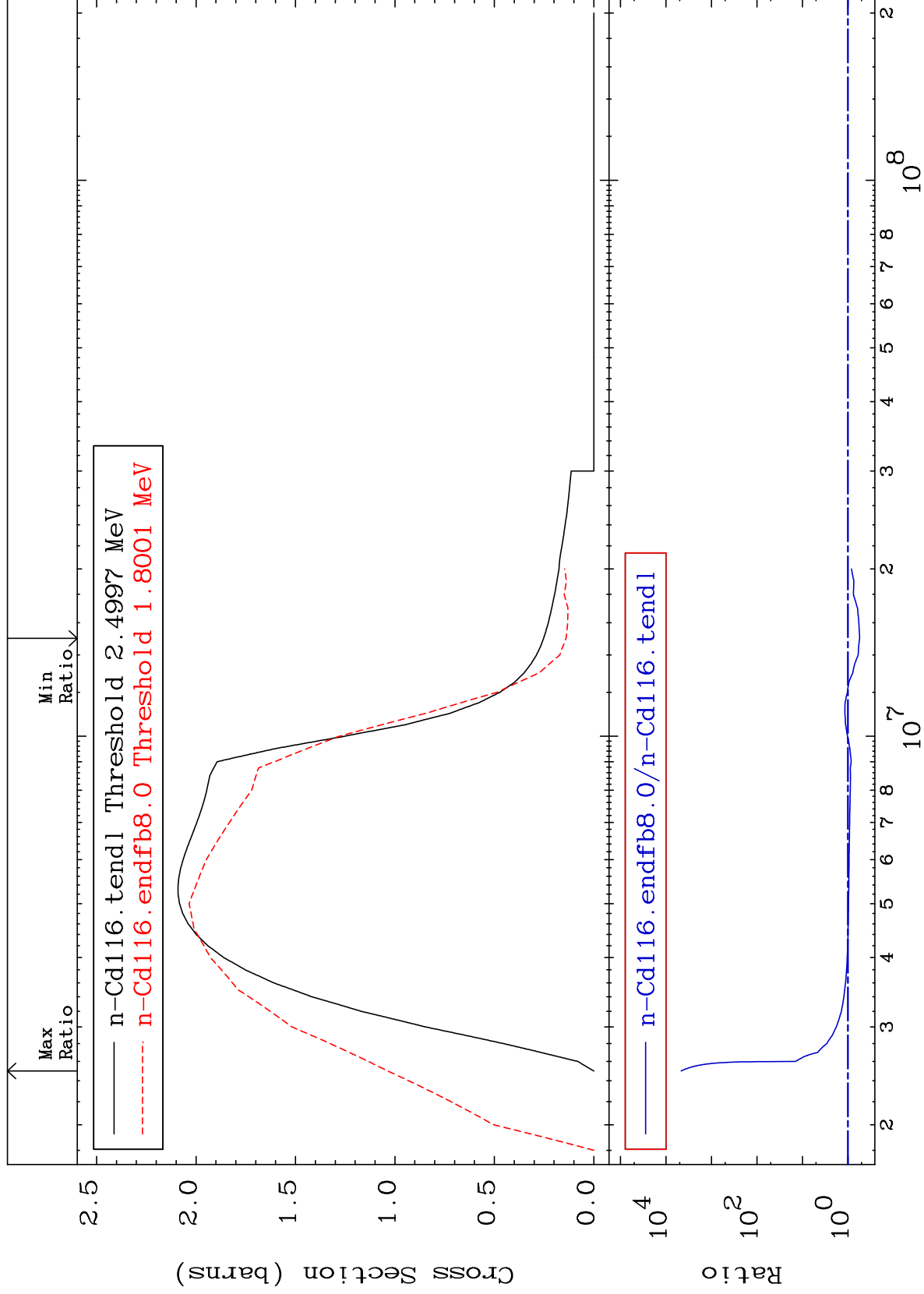
Incident Energy (eV)

48-Cd-116

MAT 4855

(n, n') Continuum
Cross Section

48-Cd-116
-44.81 To 9999. %



16

Incident Energy (eV)

48-Cd-116

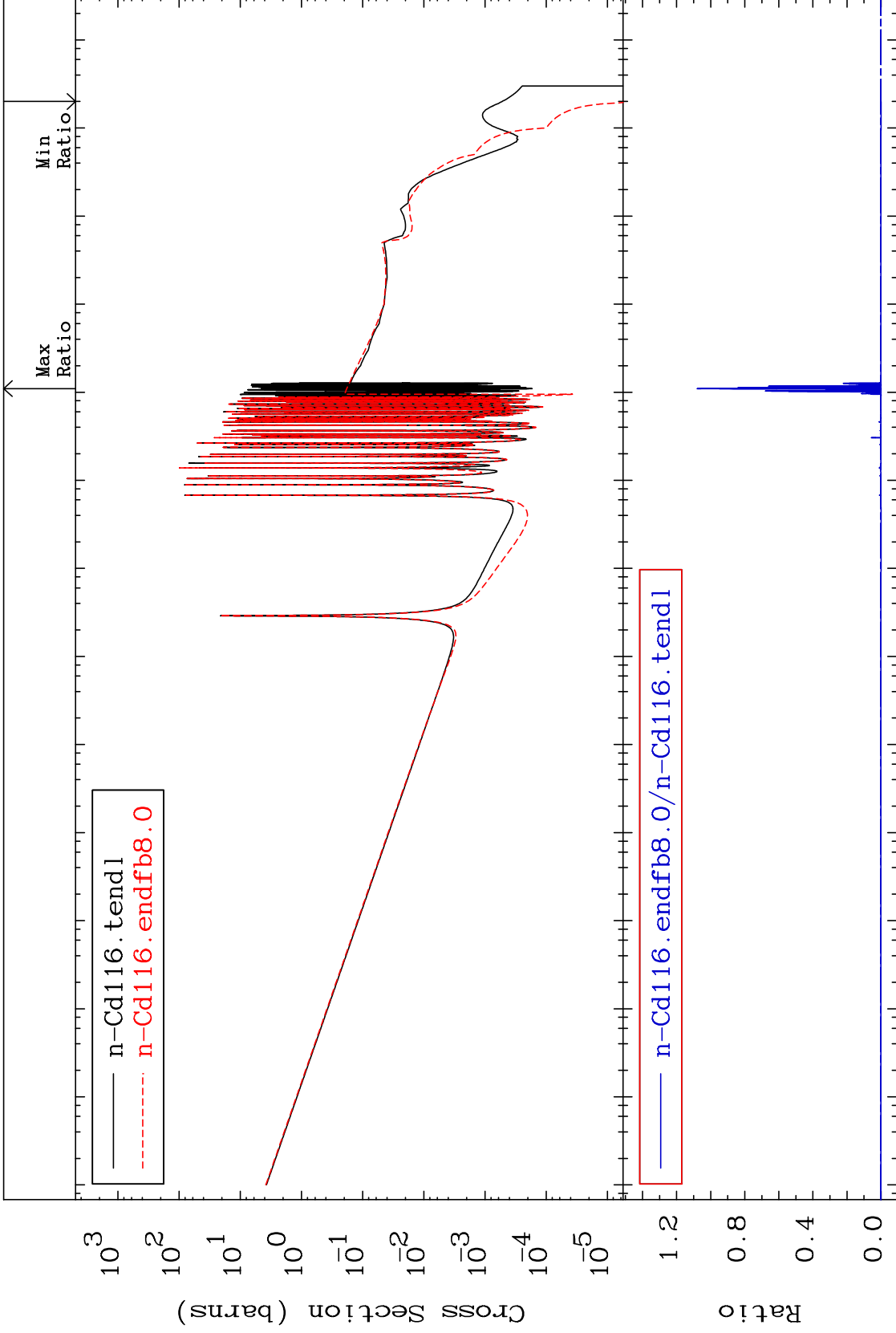
MAT 4855

(n, γ)

48-Cd-116

Cross Section

-100.0 To 9999. %



17

48-Cd-116

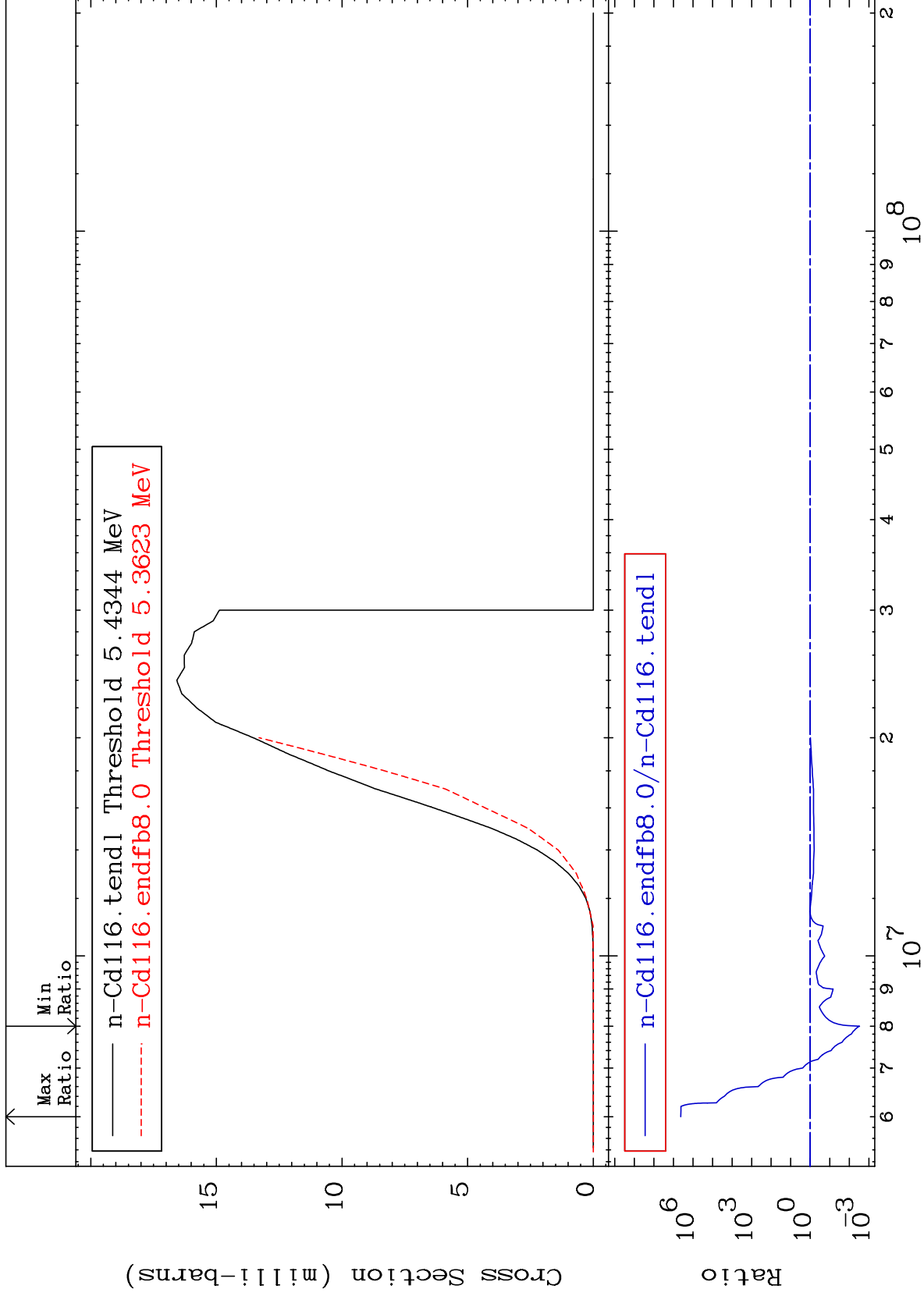
MAT 4855

(n,p)

48-Cd-116

Cross Section

-99.70 To 9999. %



18

Incident Energy (eV)

48-Cd-116

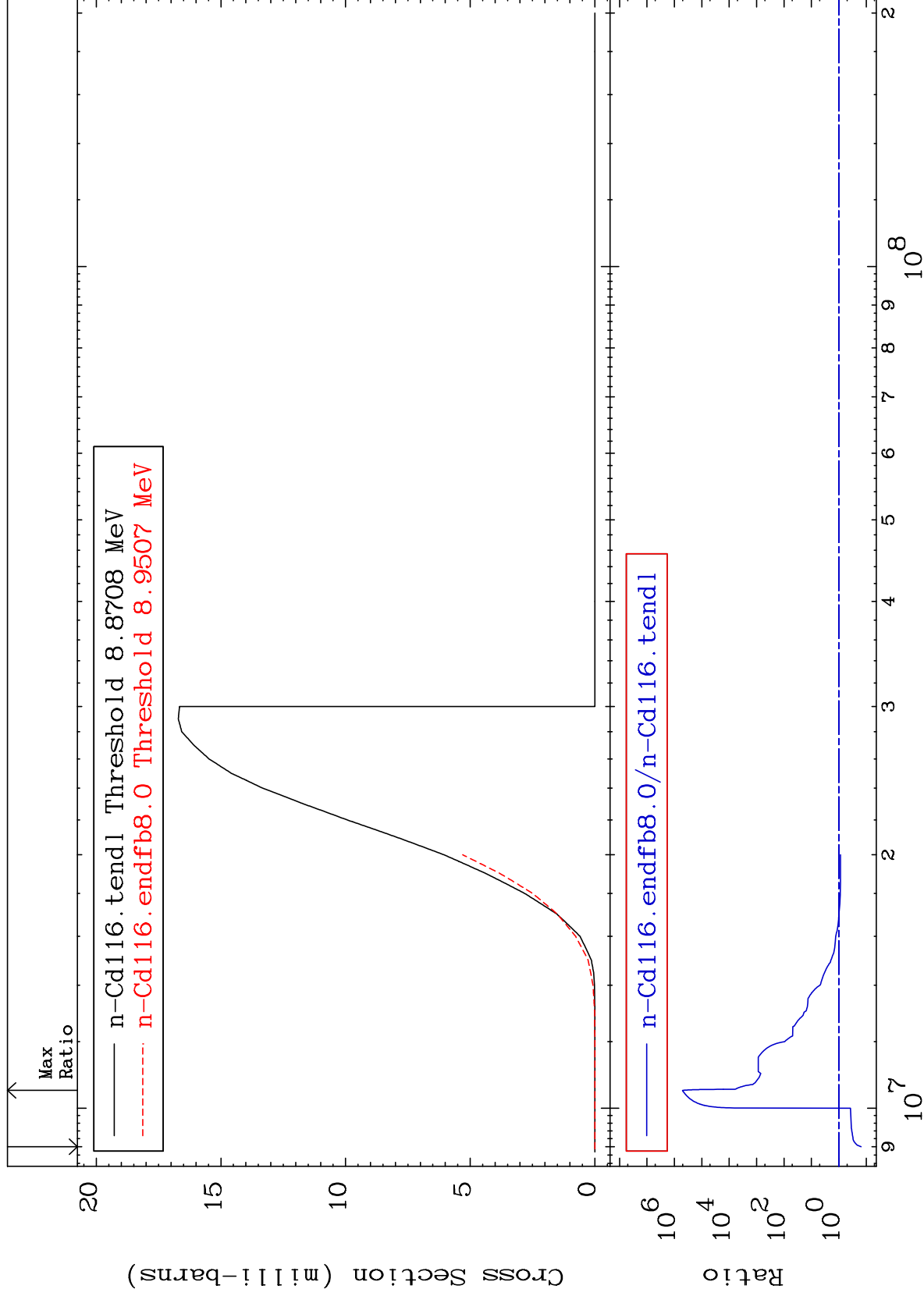
MAT 4855

(n, d)

48-Cd-116

Cross Section

-84.56 To 9999. %



19

Incident Energy (eV)

48-Cd-116

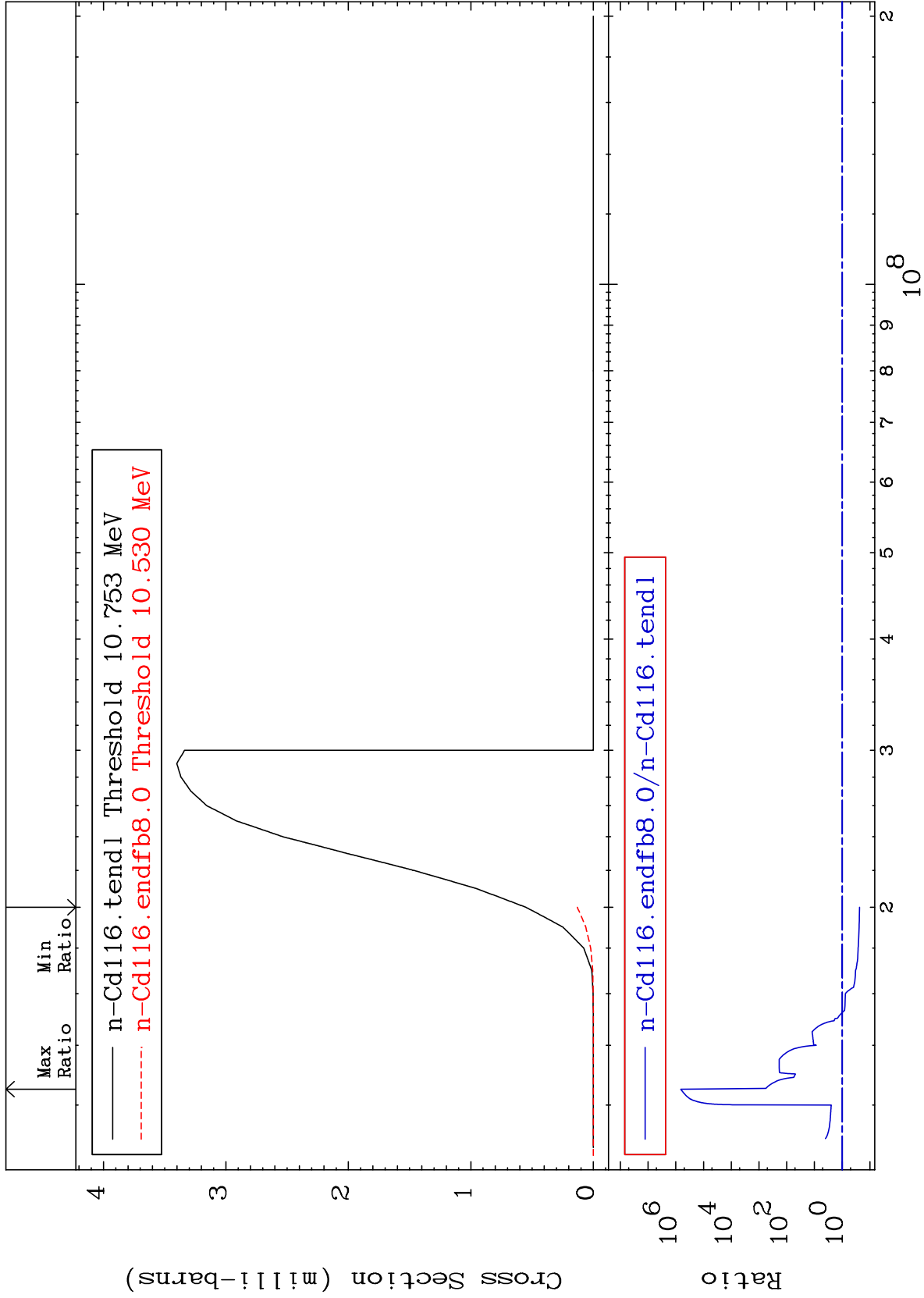
MAT 4855

(n, t)

48-Cd-116

Cross Section

-76.37 To 9999. %



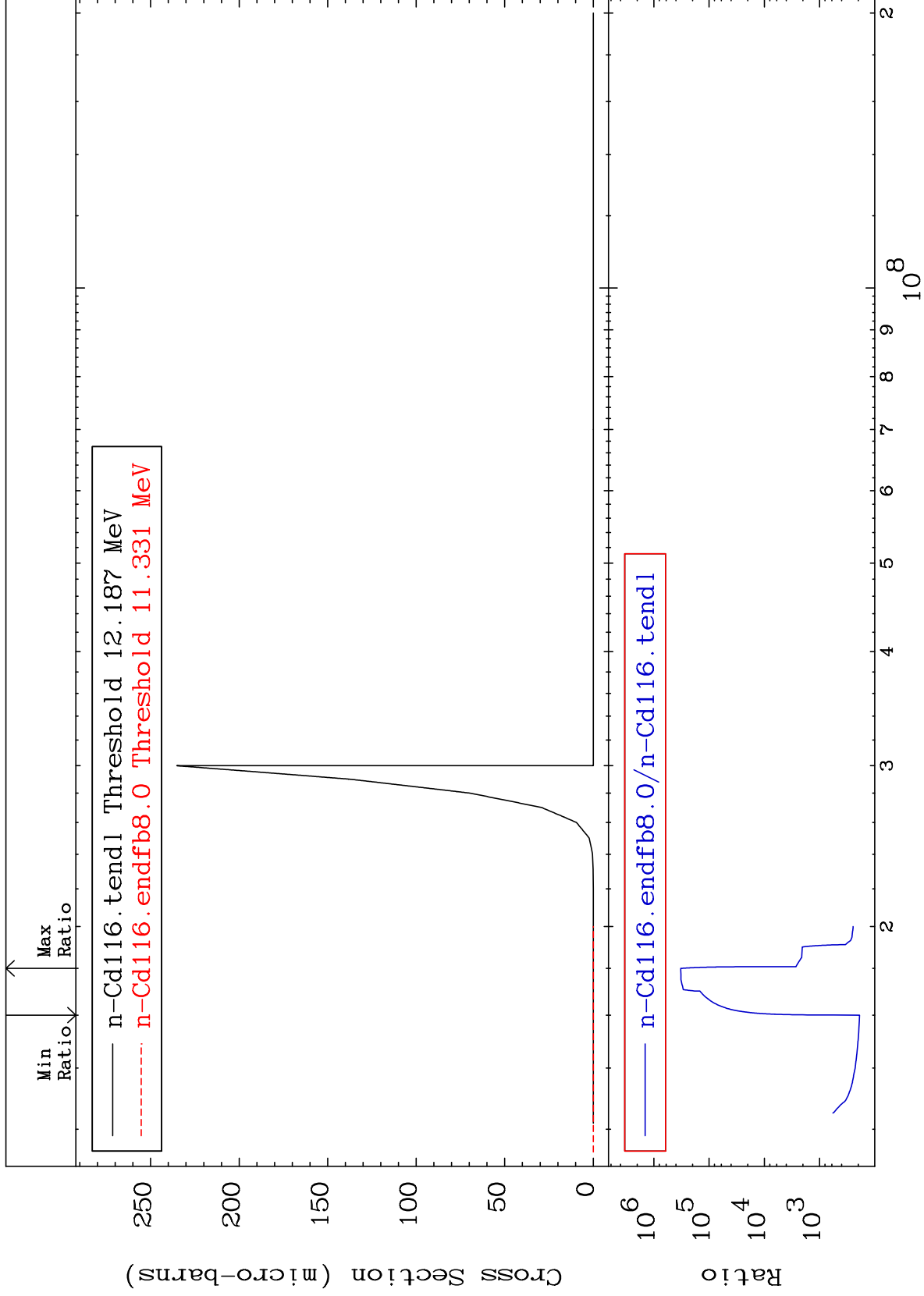
MAT 4855

(n, He-3)

48-Cd-116

Cross Section

9999. % To 9999. %

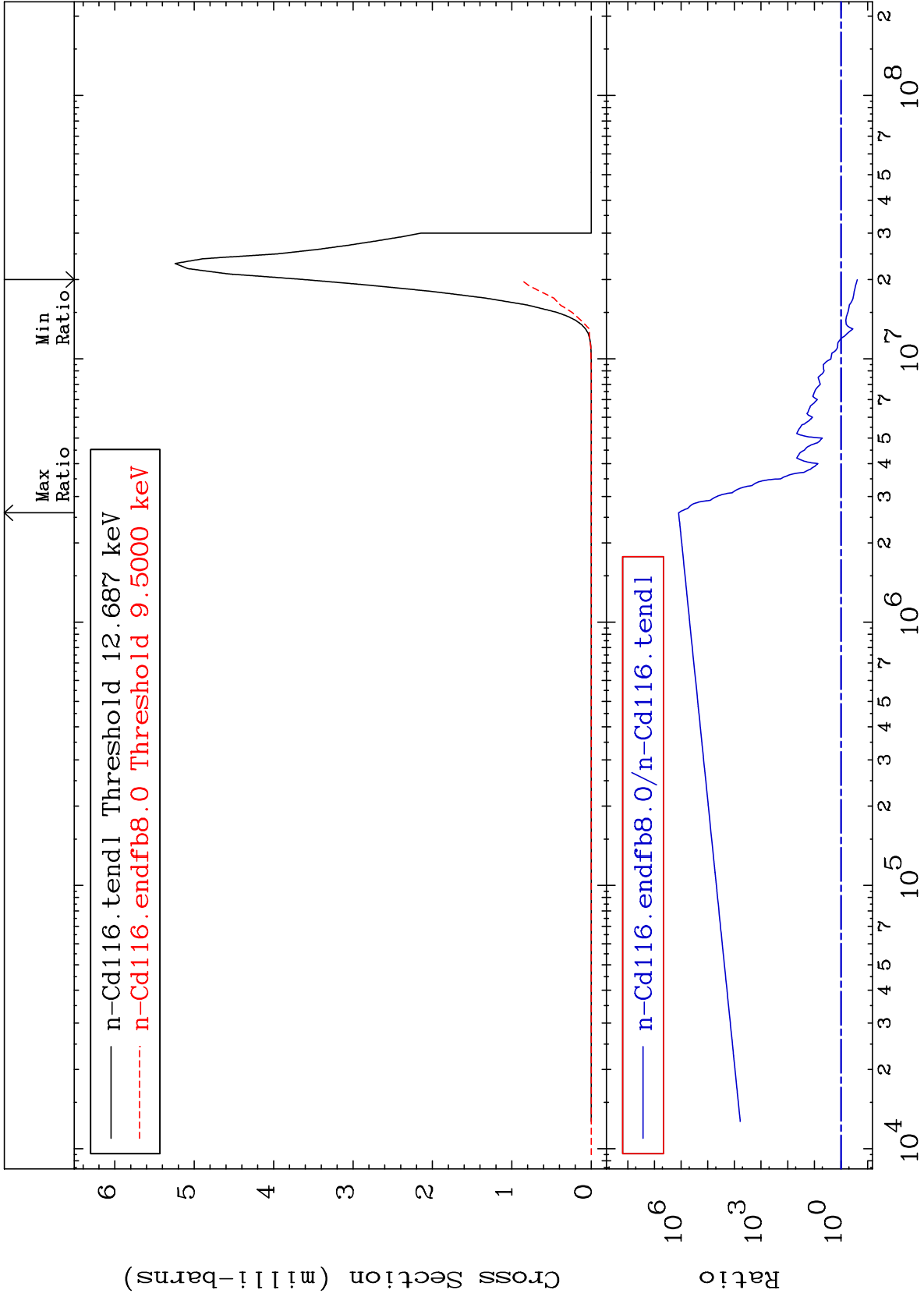


MAT 4855

(n, α)
Cross Section

48-Cd-116

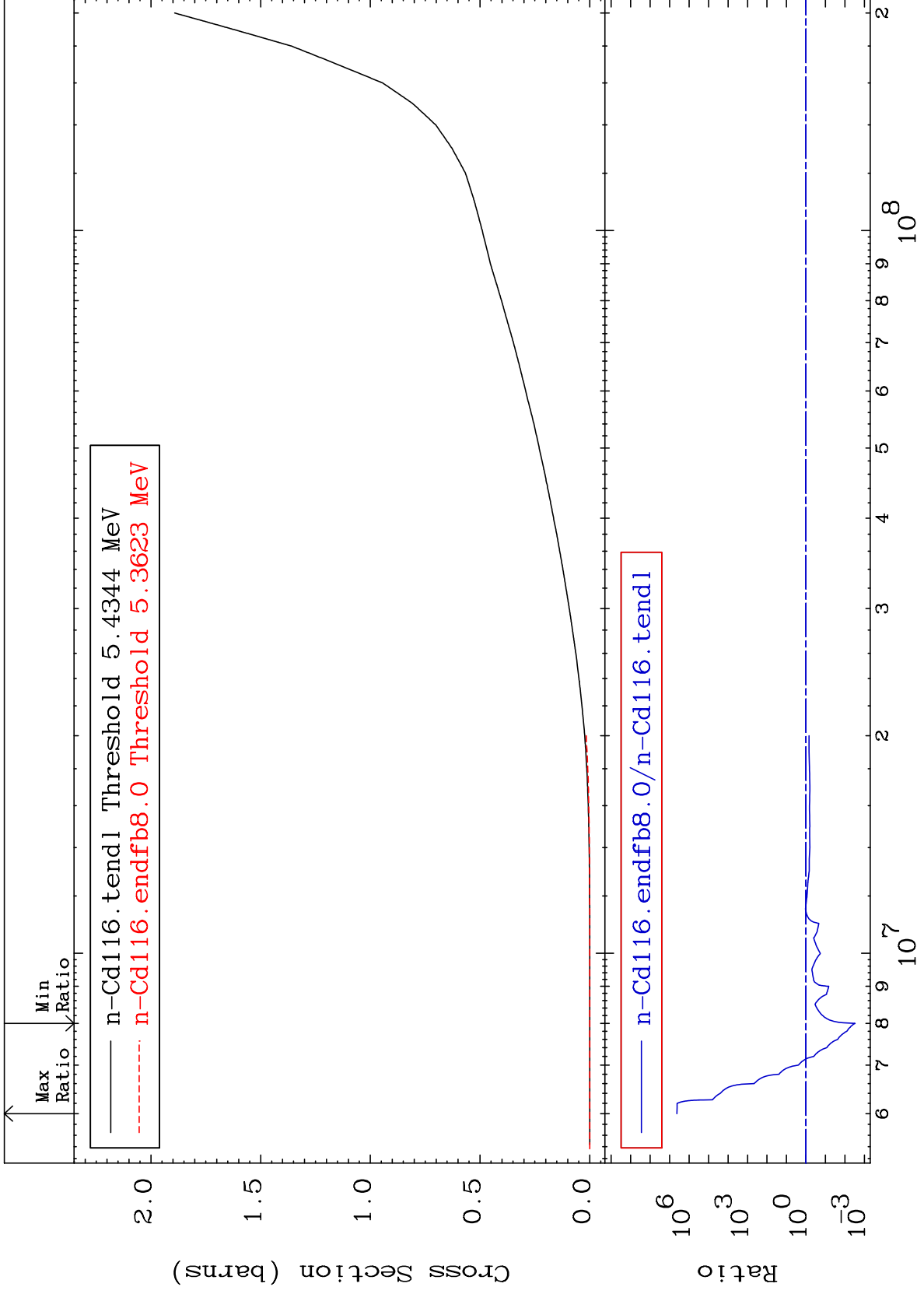
-75.44 To 9999. %



MAT 4855

Hydrogen Production
Cross Section

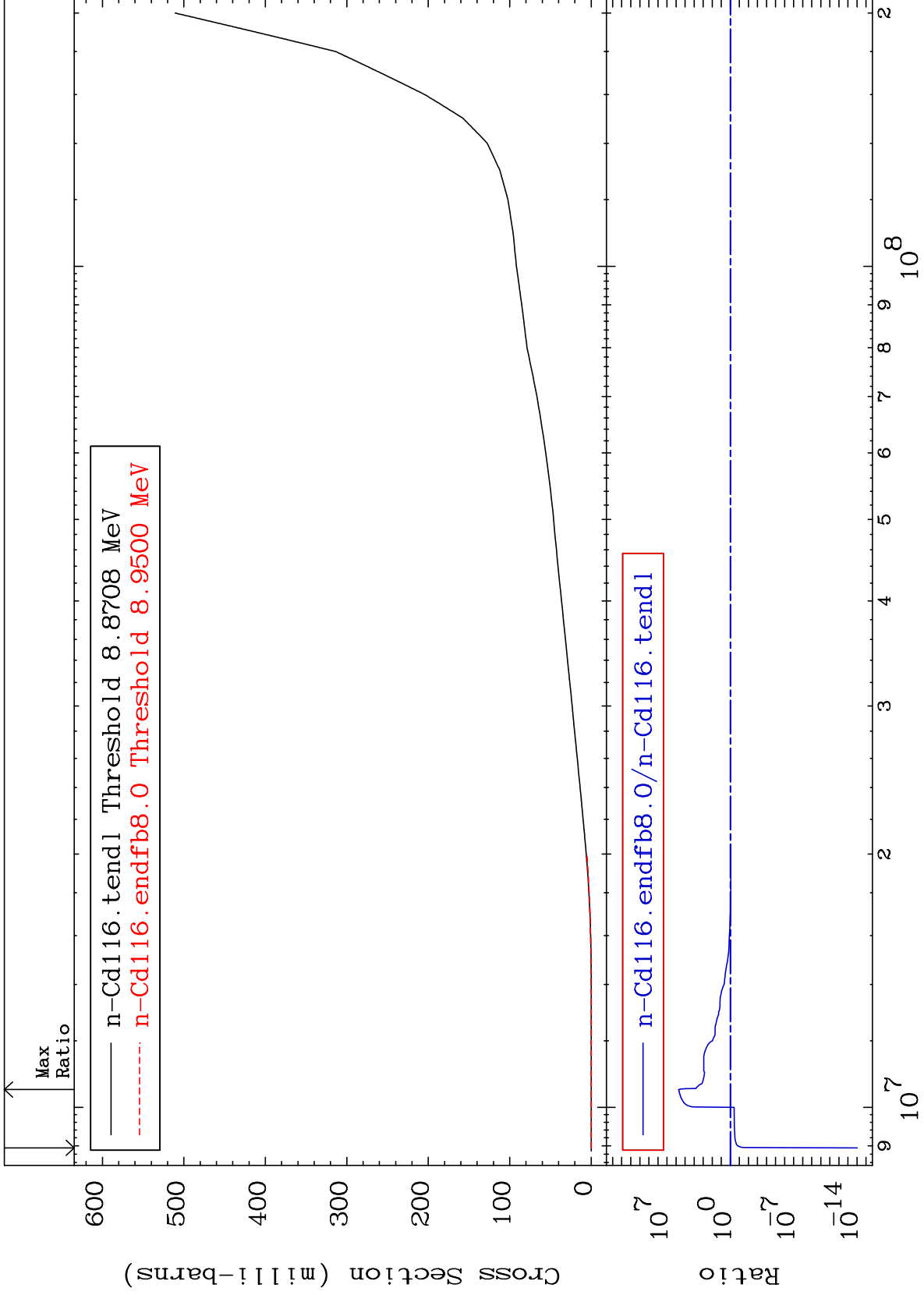
48-Cd-116
-99.70 To 9999. %



MAT 4855

Deuterium Production
Cross Section

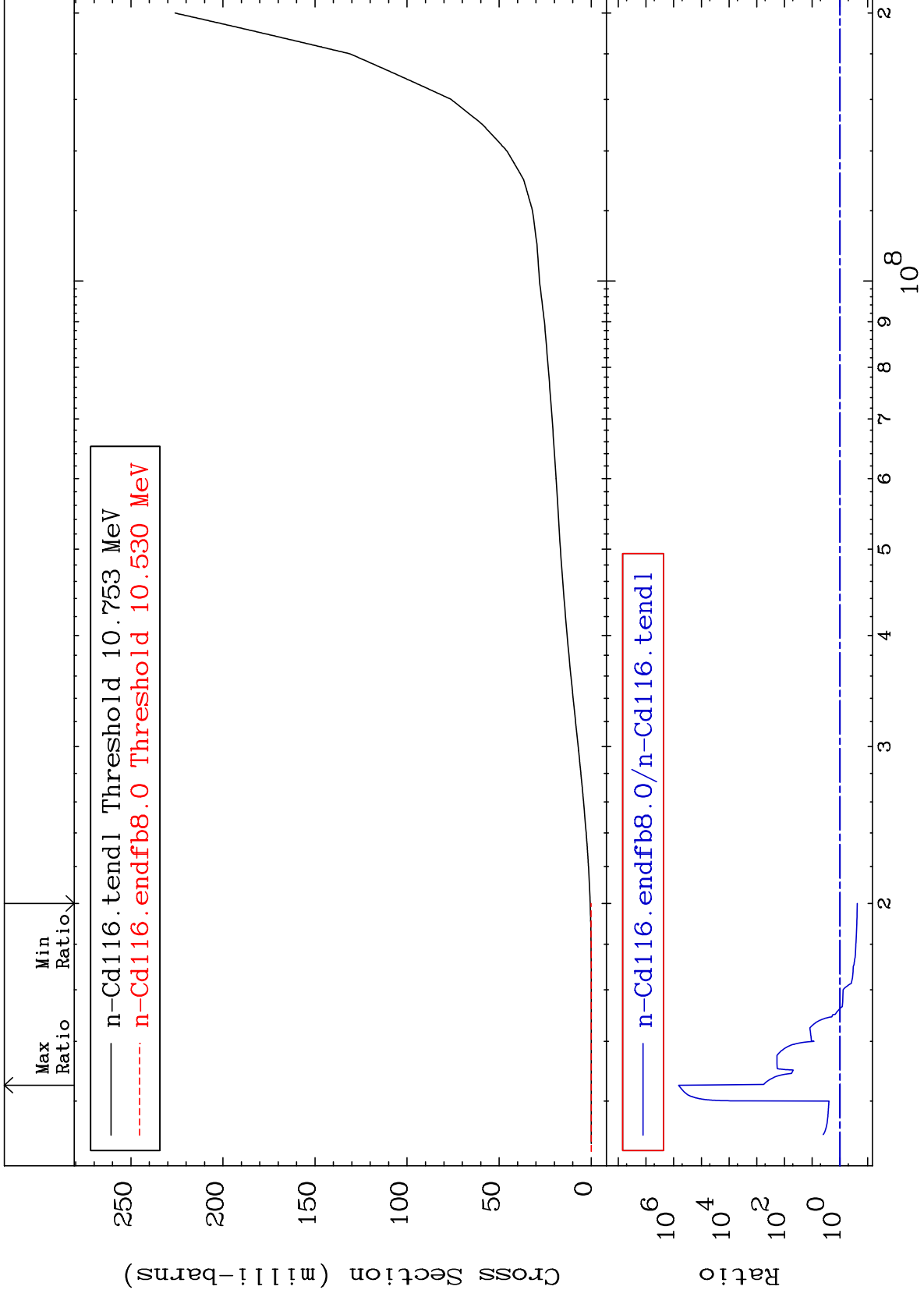
48-Cd-116
-100.0 To 9999. %



24

Incident Energy (eV)

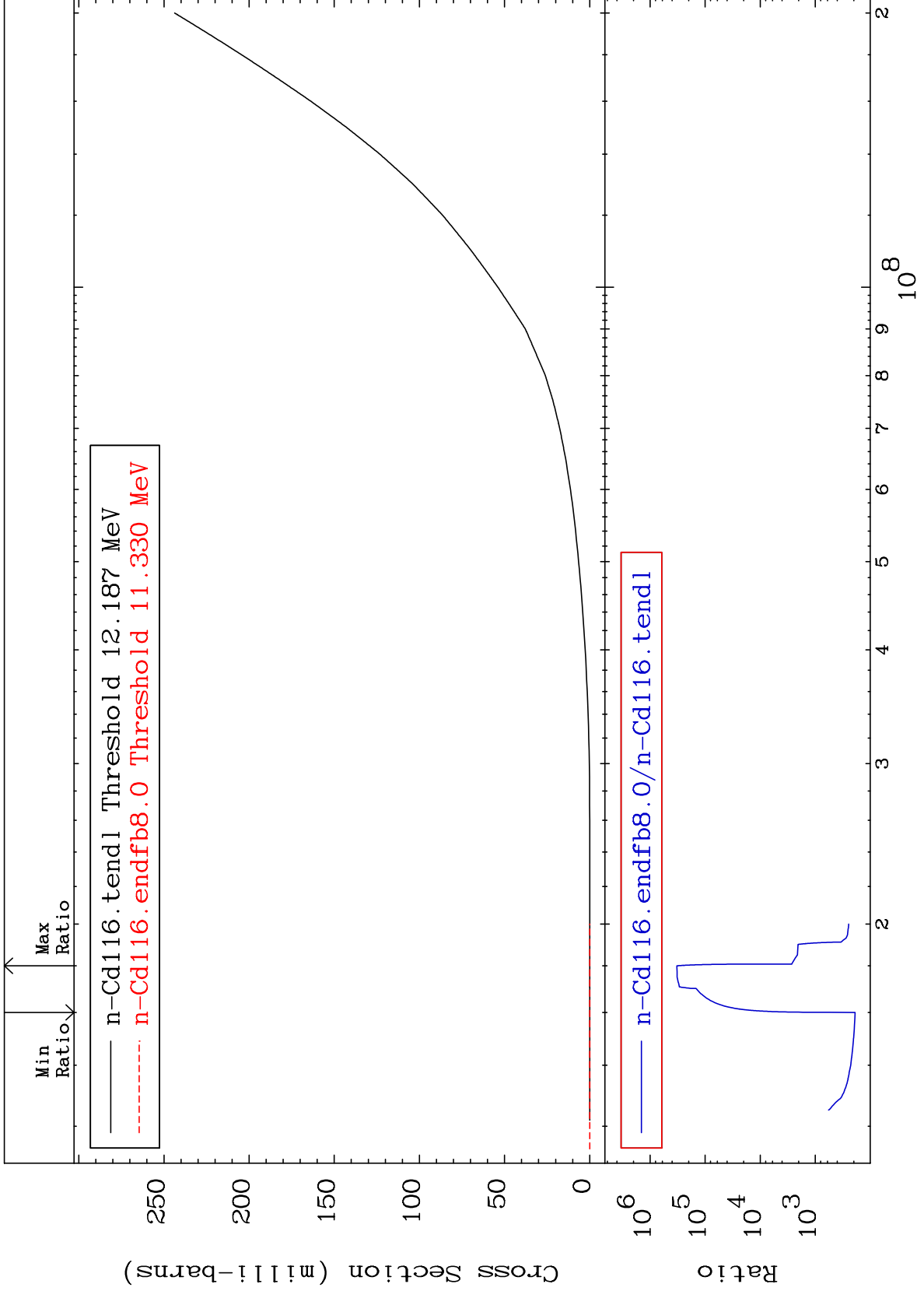
48-Cd-116



MAT 4855

He-3 Production
Cross Section

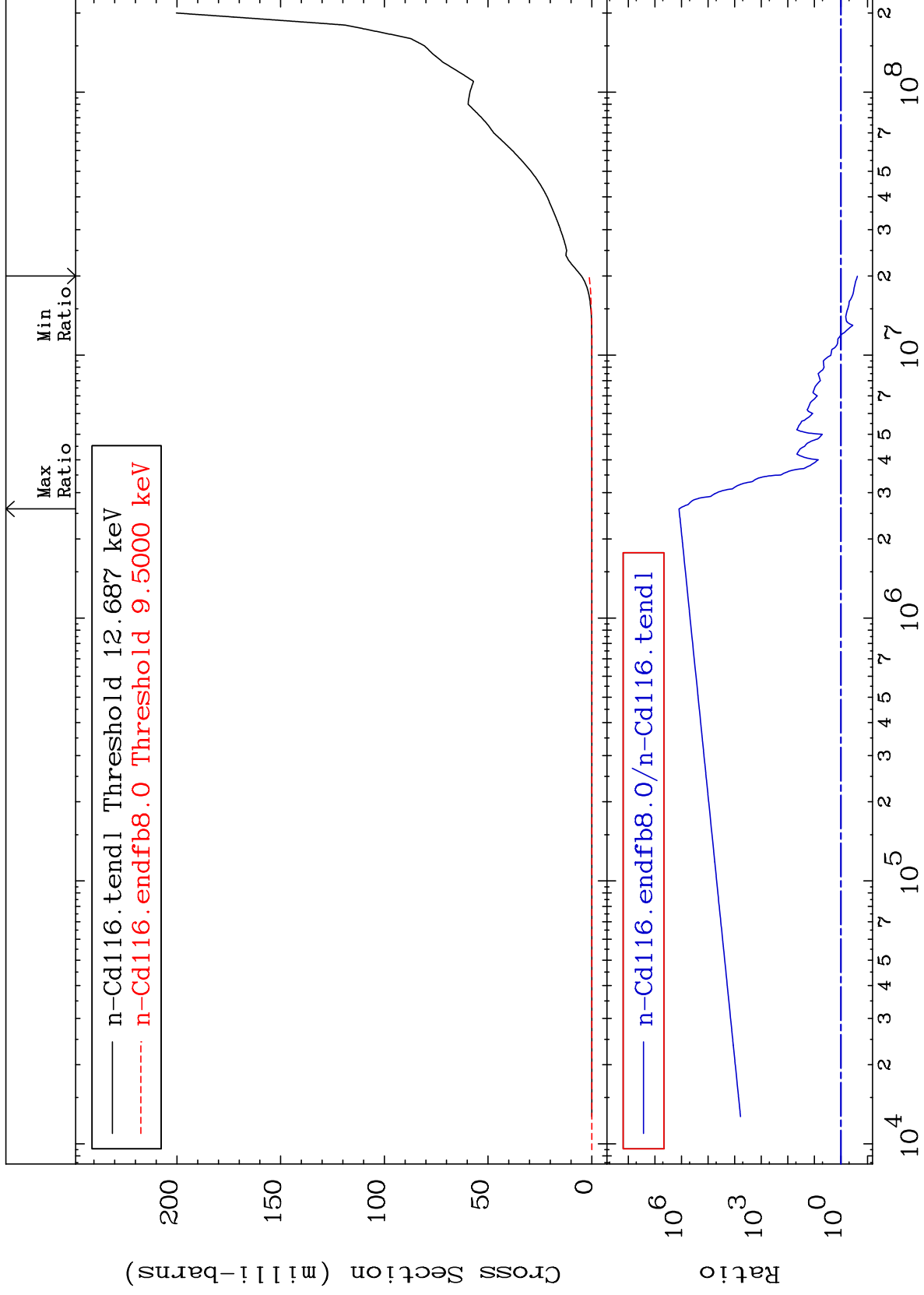
48-Cd-116
9999. %
To 9999. %



MAT 4855

He-4 Production
Cross Section

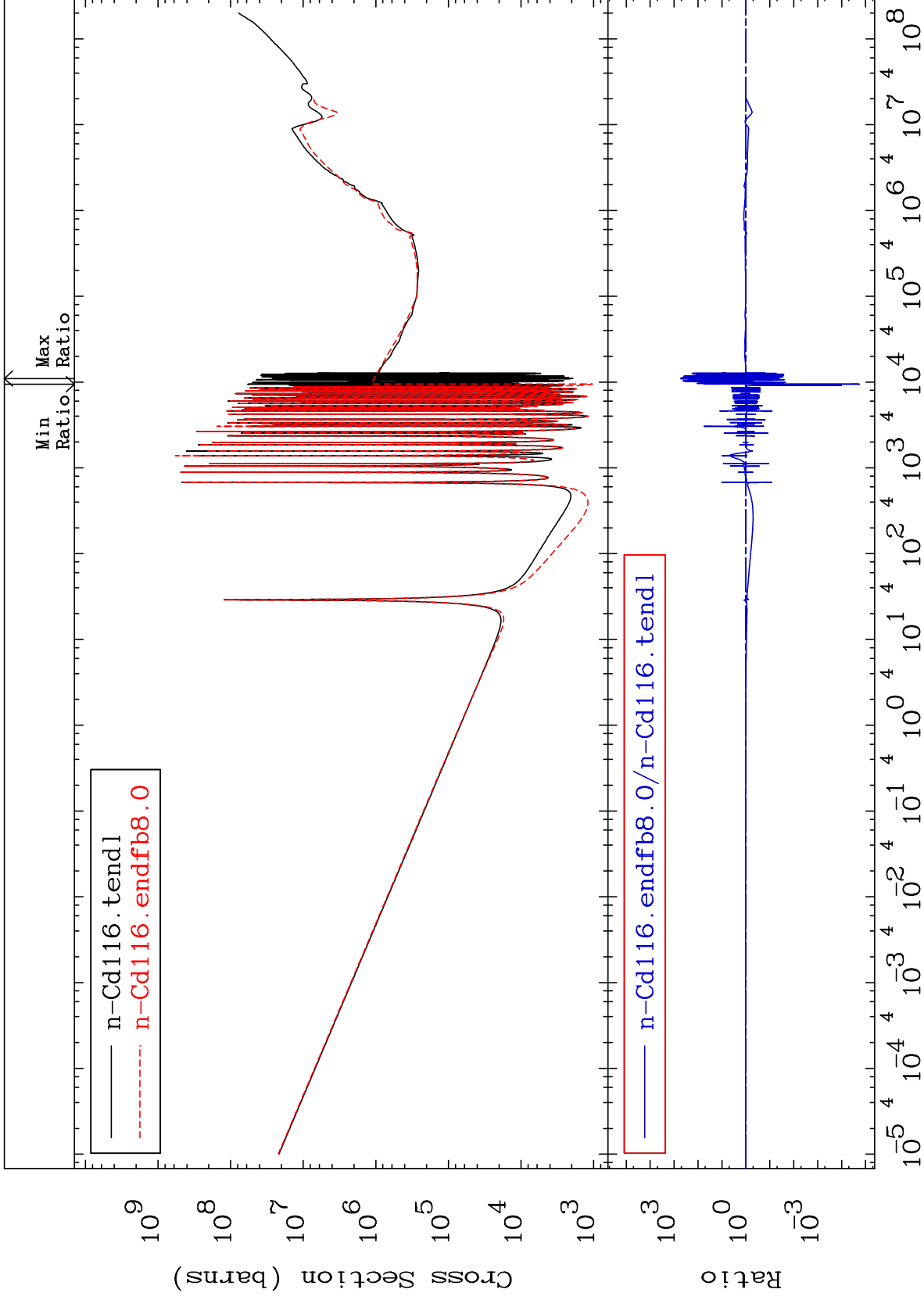
48-Cd-116
-75.71 To 9999. %



27

Incident Energy (eV)

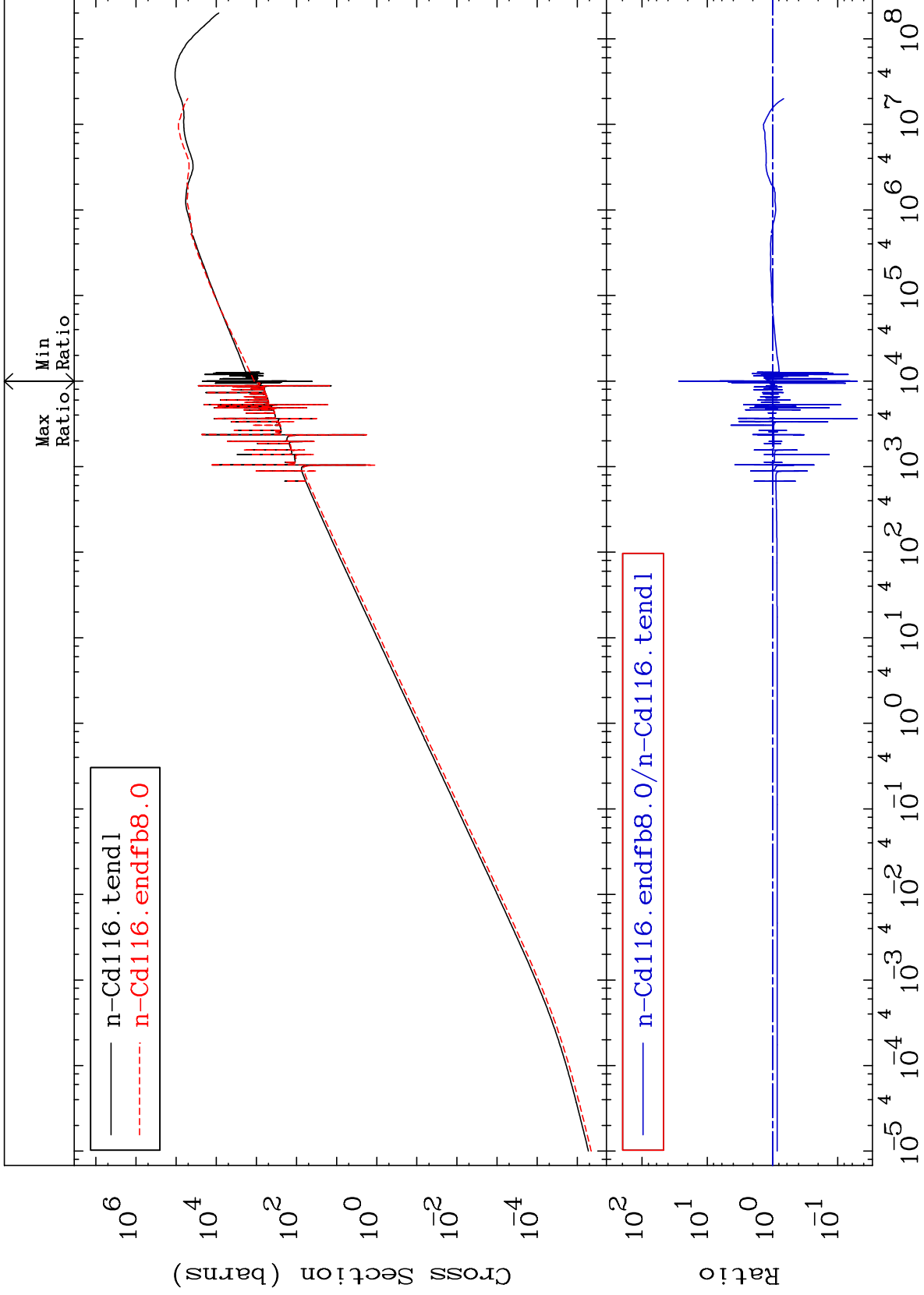
48-Cd-116

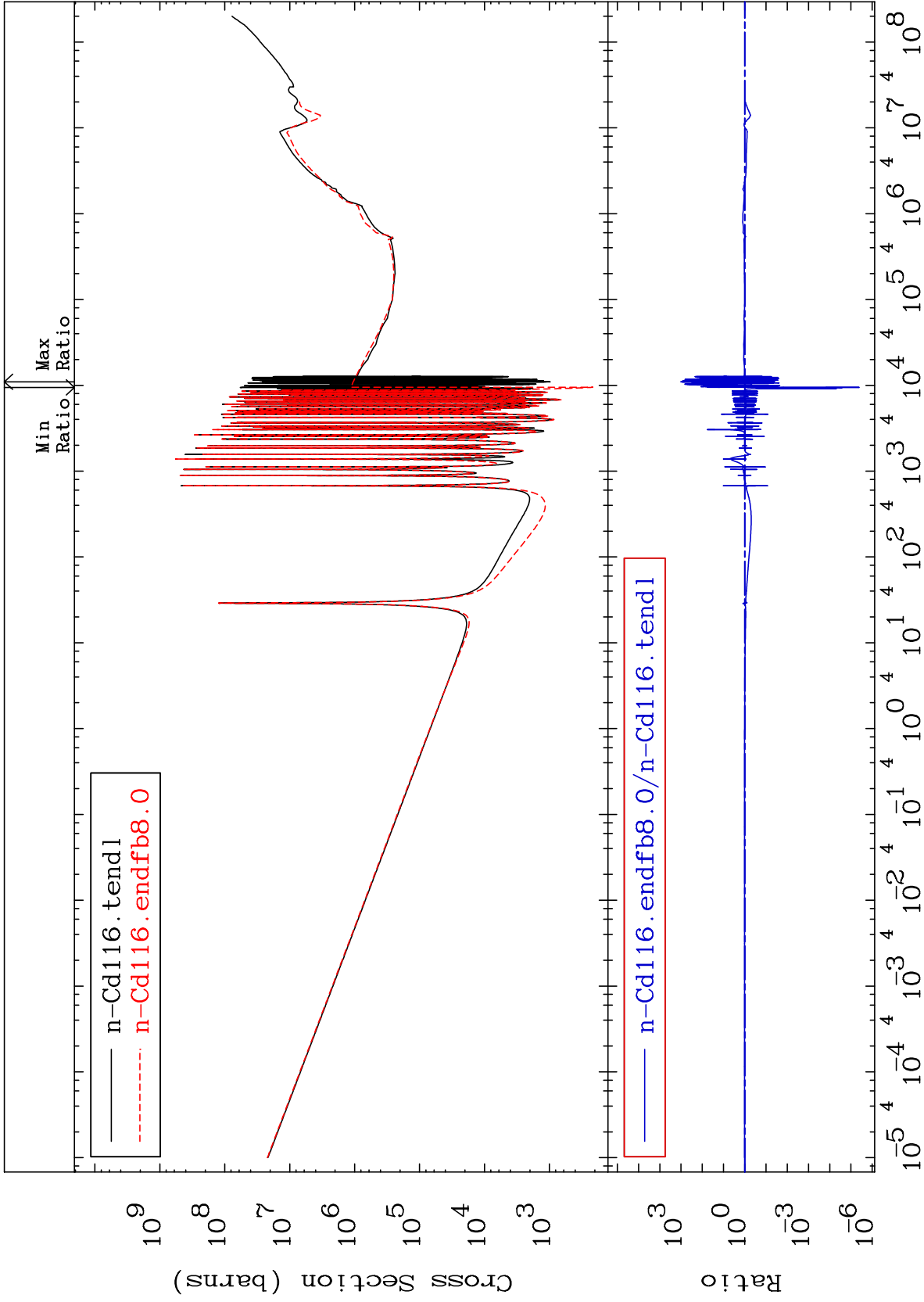


MAT 4855

Kerma elastic
Cross Section

48-Cd-116
-94.97 To 2651. %

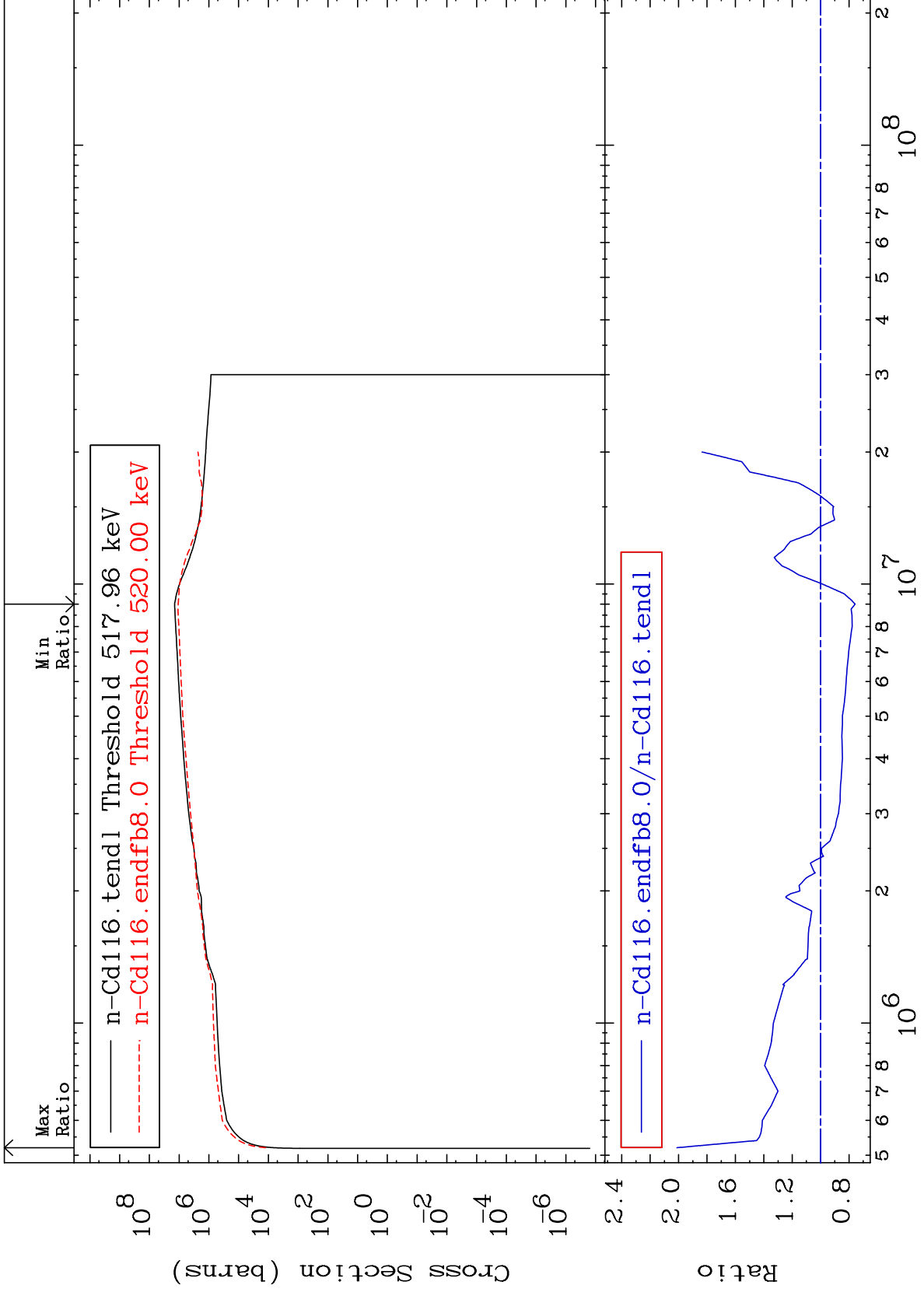




MAT 4855

Kerma inelastic (mt51-91)
Cross Section

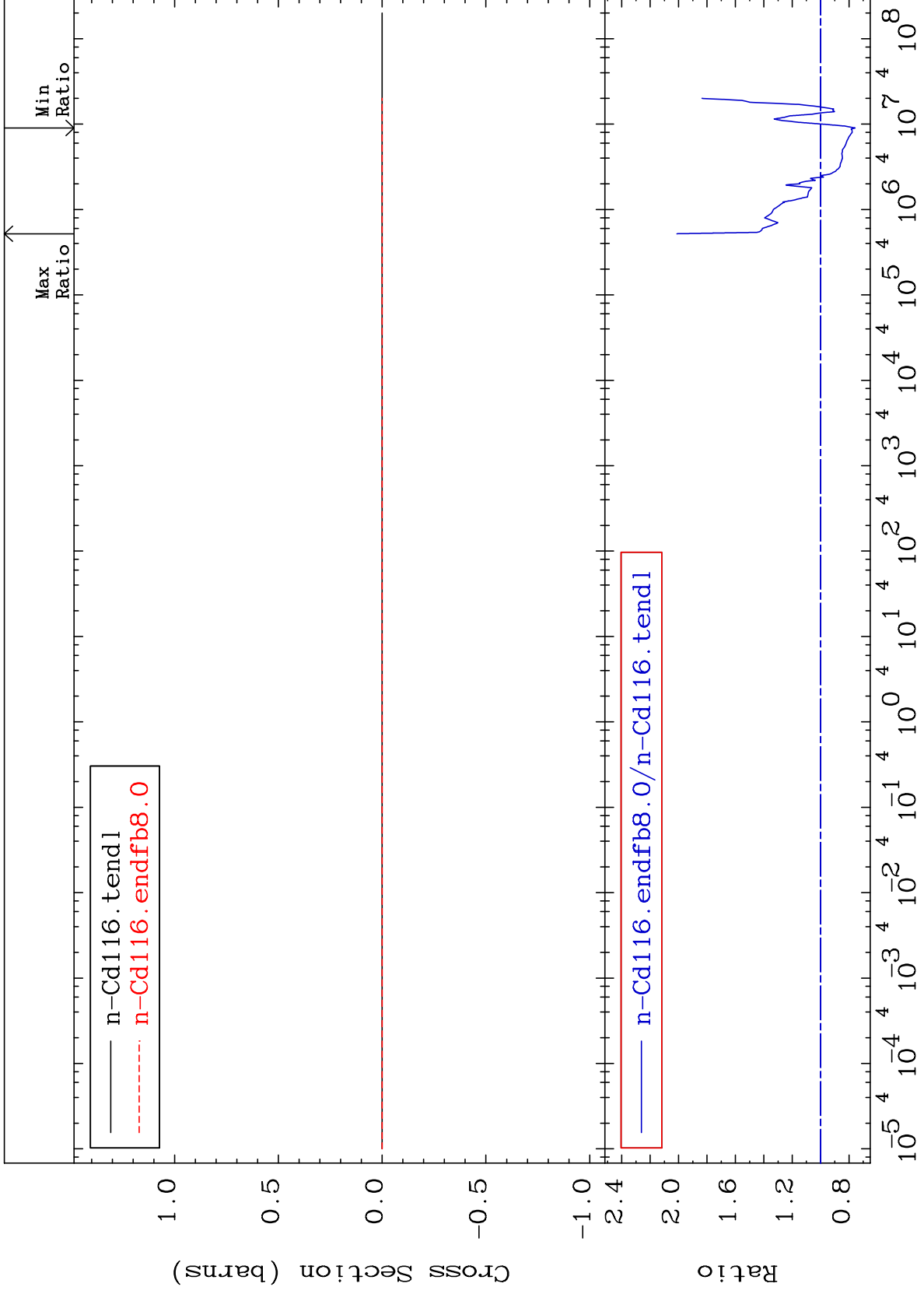
48-Cd-116
-24.26 To 101.2 %



MAT 4855

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

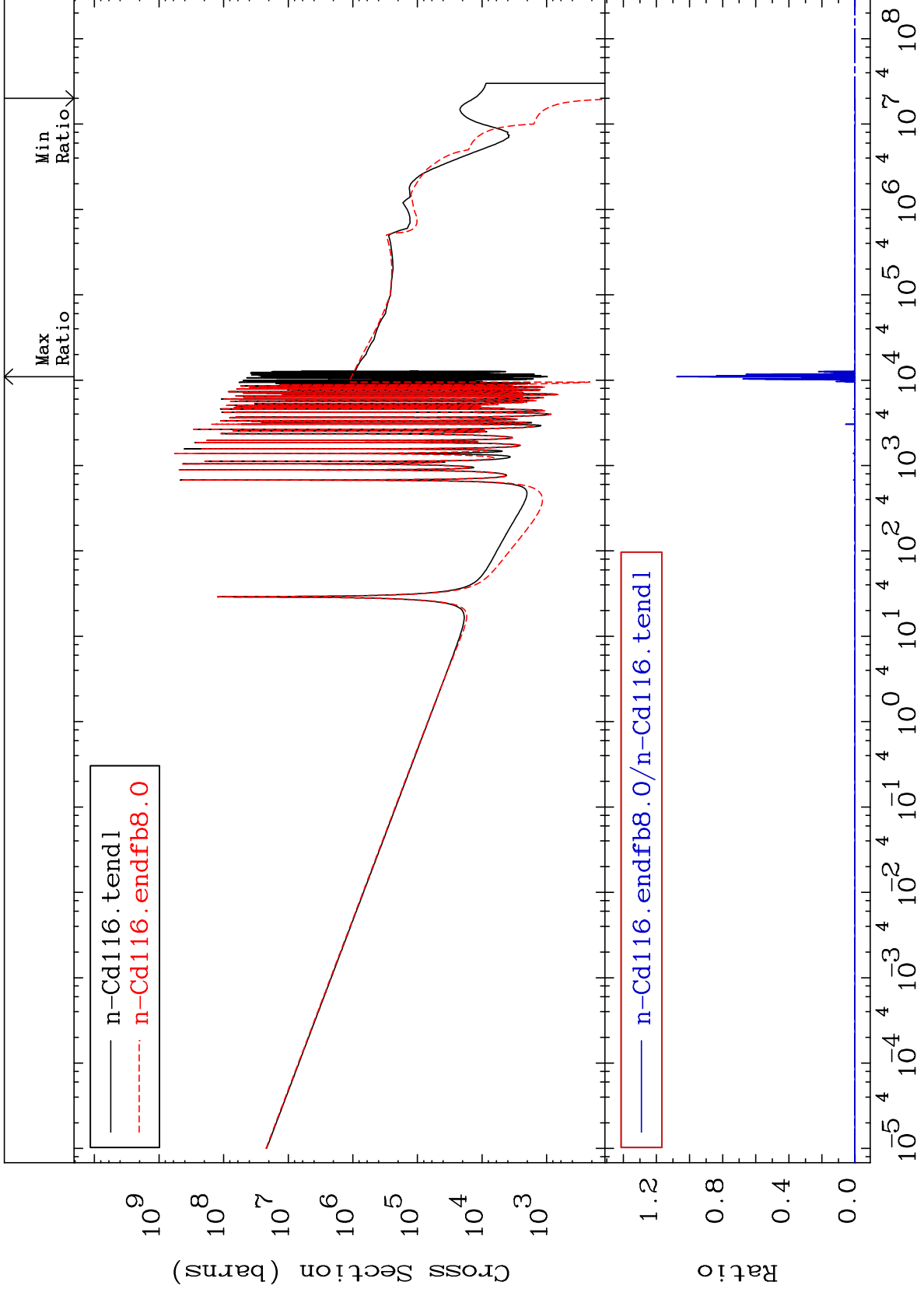
48-Cd-116
-24.26 To 101.2 %



MAT 4855

Kerma capture (mt102)
Cross Section

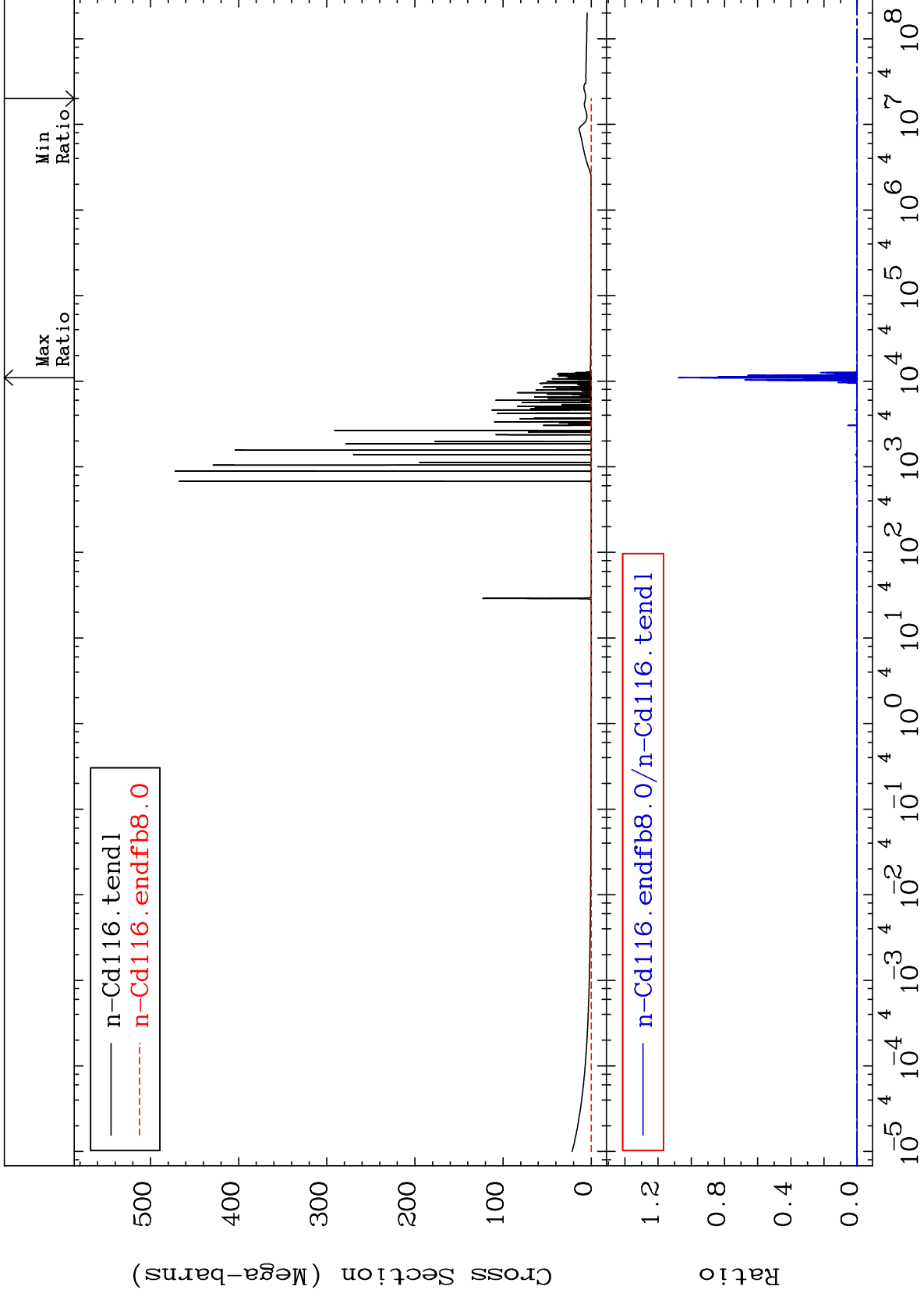
48-Cd-116
-100.0 To 9999. %



MAT 4855

Total photon (eV-barns)
Cross Section

48-Cd-116
-100.0 To 9999. %

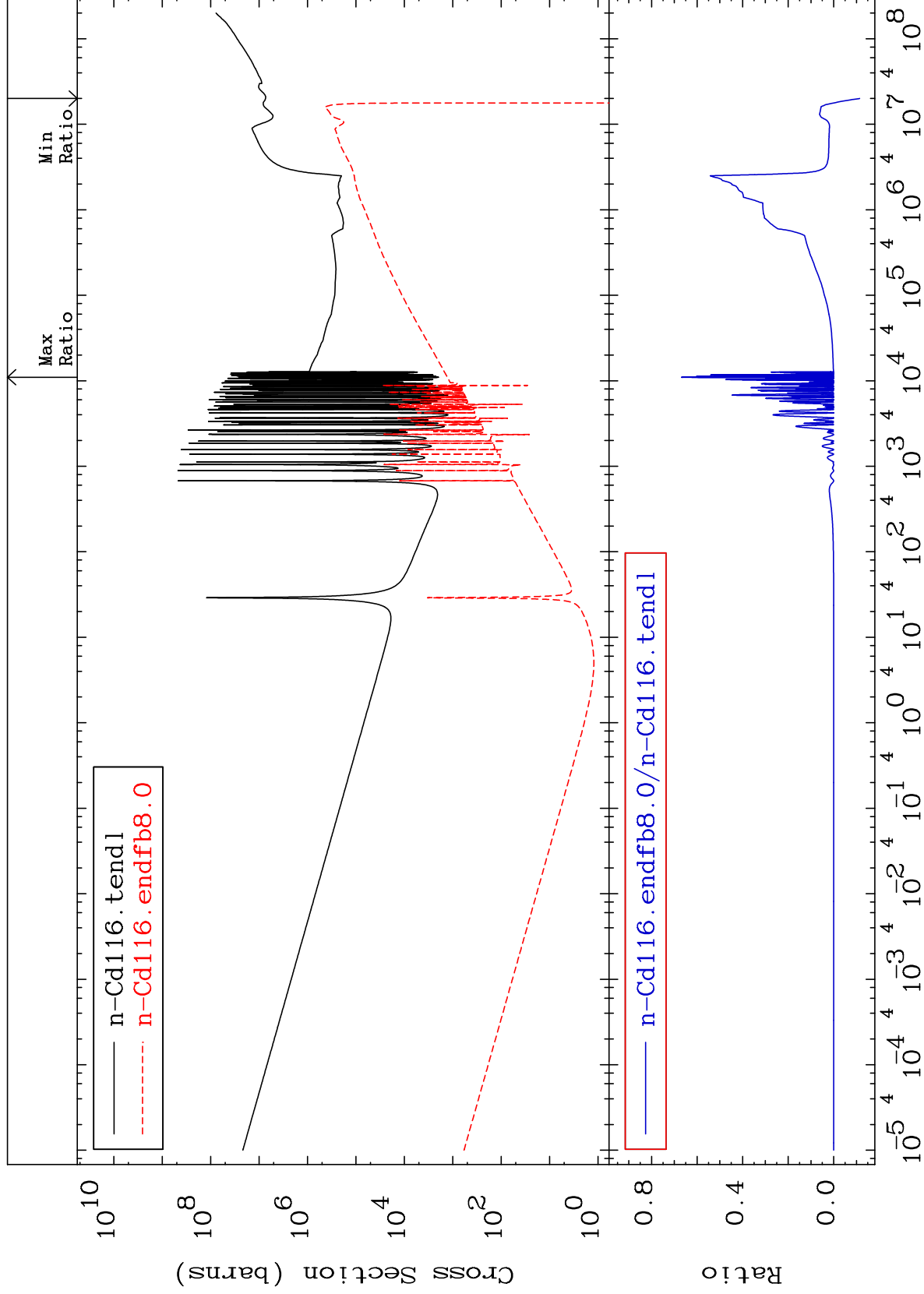


MAT 4855

Total kinematic kerma (high limit)
Cross Section

48-Cd-116

-111.4 To -33.00%



35

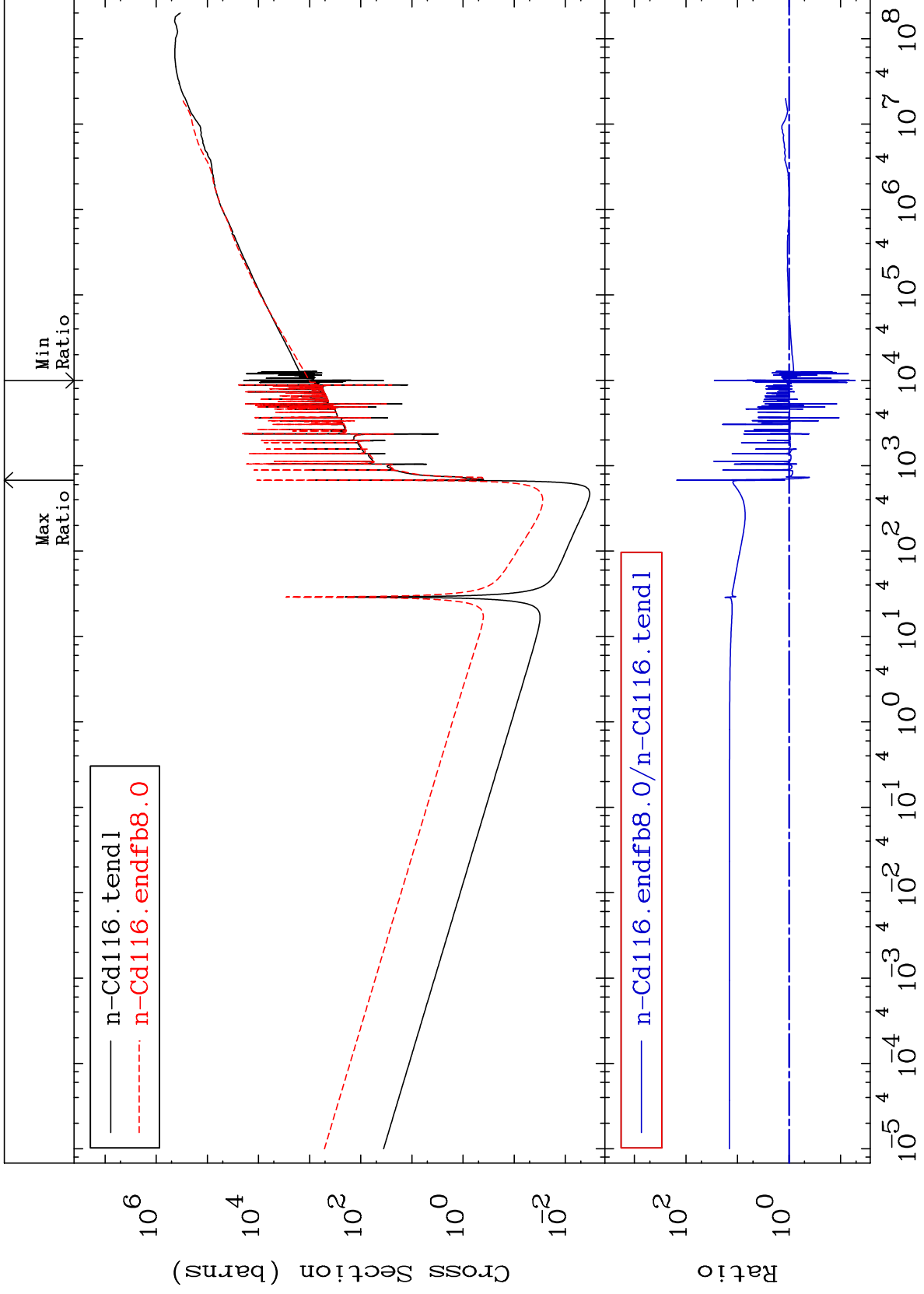
Incident Energy (eV)

48-Cd-116

MAT 4855

Dpa total (eV-barns)
Cross Section

48-Cd-116
-94.77 To 9999. %



MAT 4855

Dpa elastic (mt2)
Cross Section

48-Cd-116
-94.98 To 9999. %

