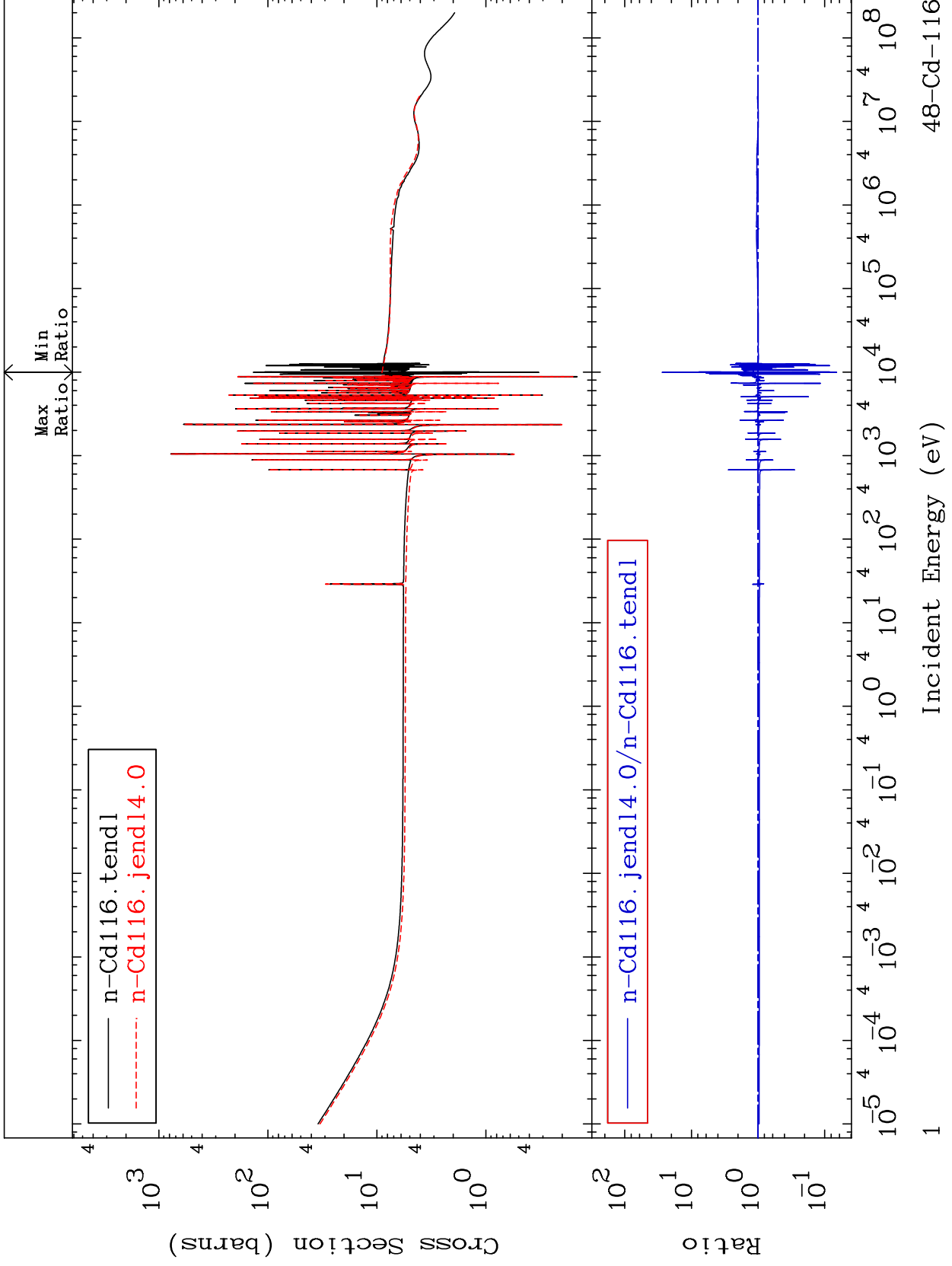


MAT 4855

Total
Cross Section

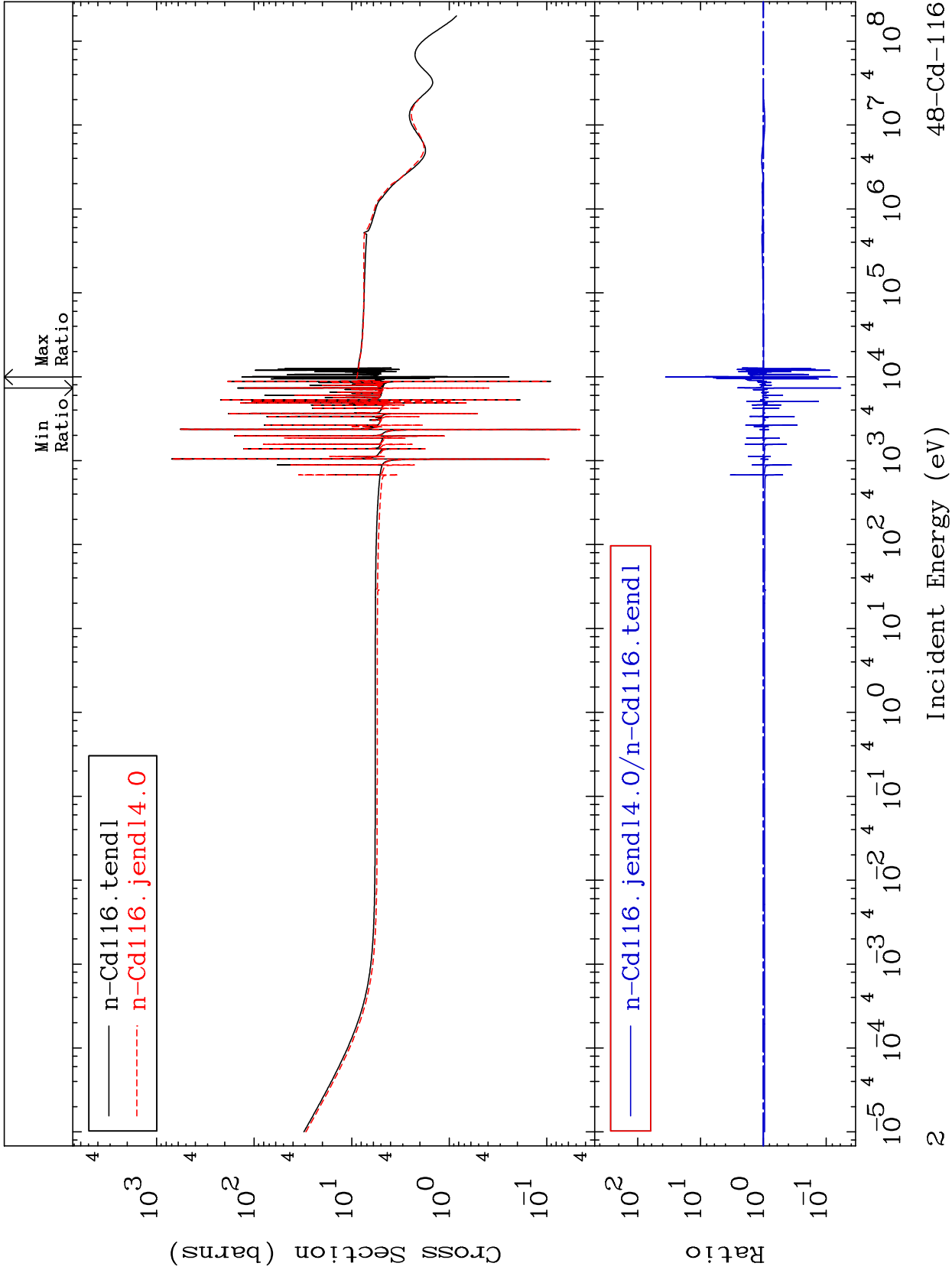
48-Cd-116
-93.40 To 2633. %



MAT 4855

Elastic
Cross Section

48-Cd-116
-94.11 To 3506. %

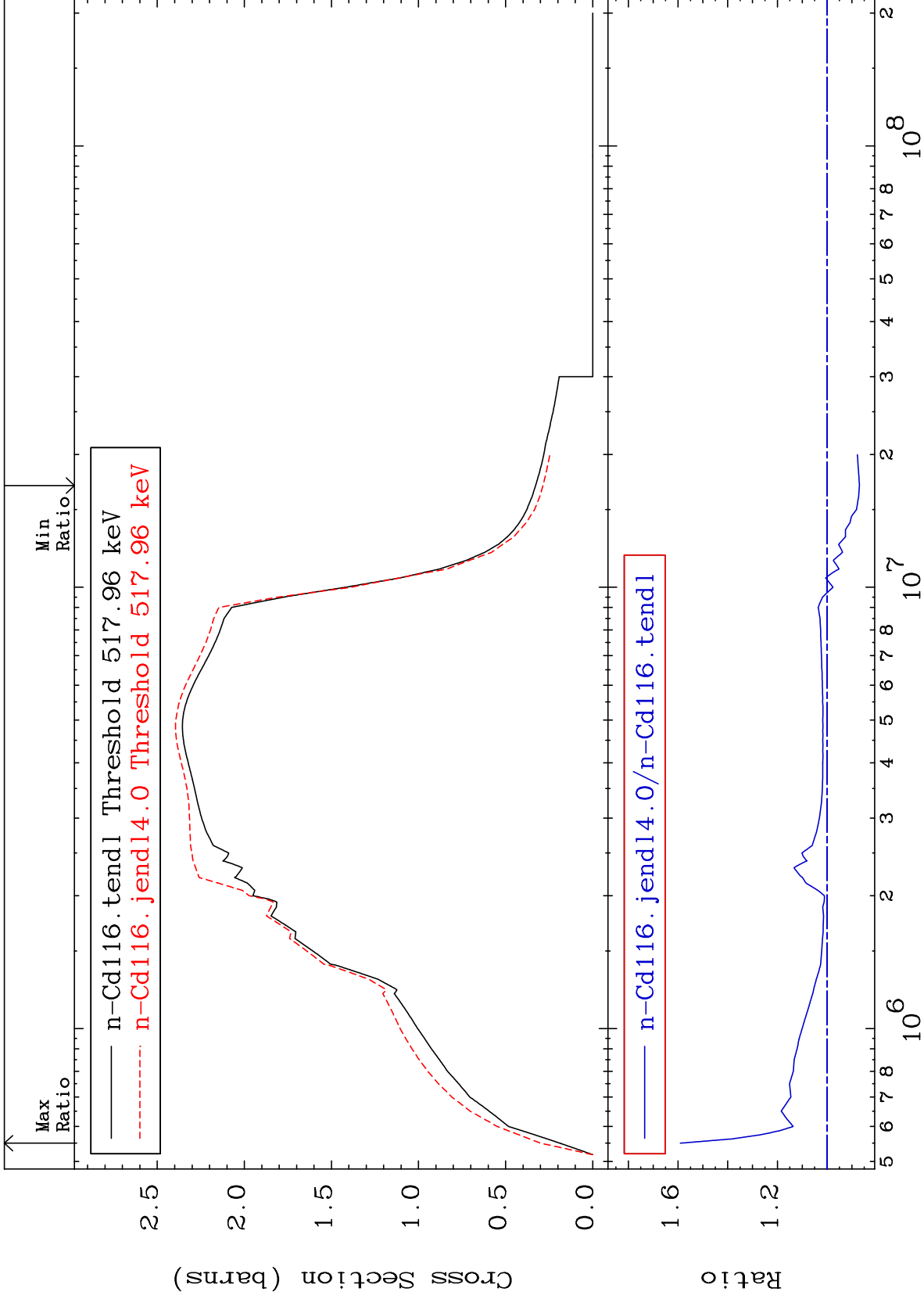


48-Cd-116

MAT 4855

Inelastic
Cross Section

48-Cd-116
-13.03 To 59.06 %



3

Incident Energy (eV)

48-Cd-116

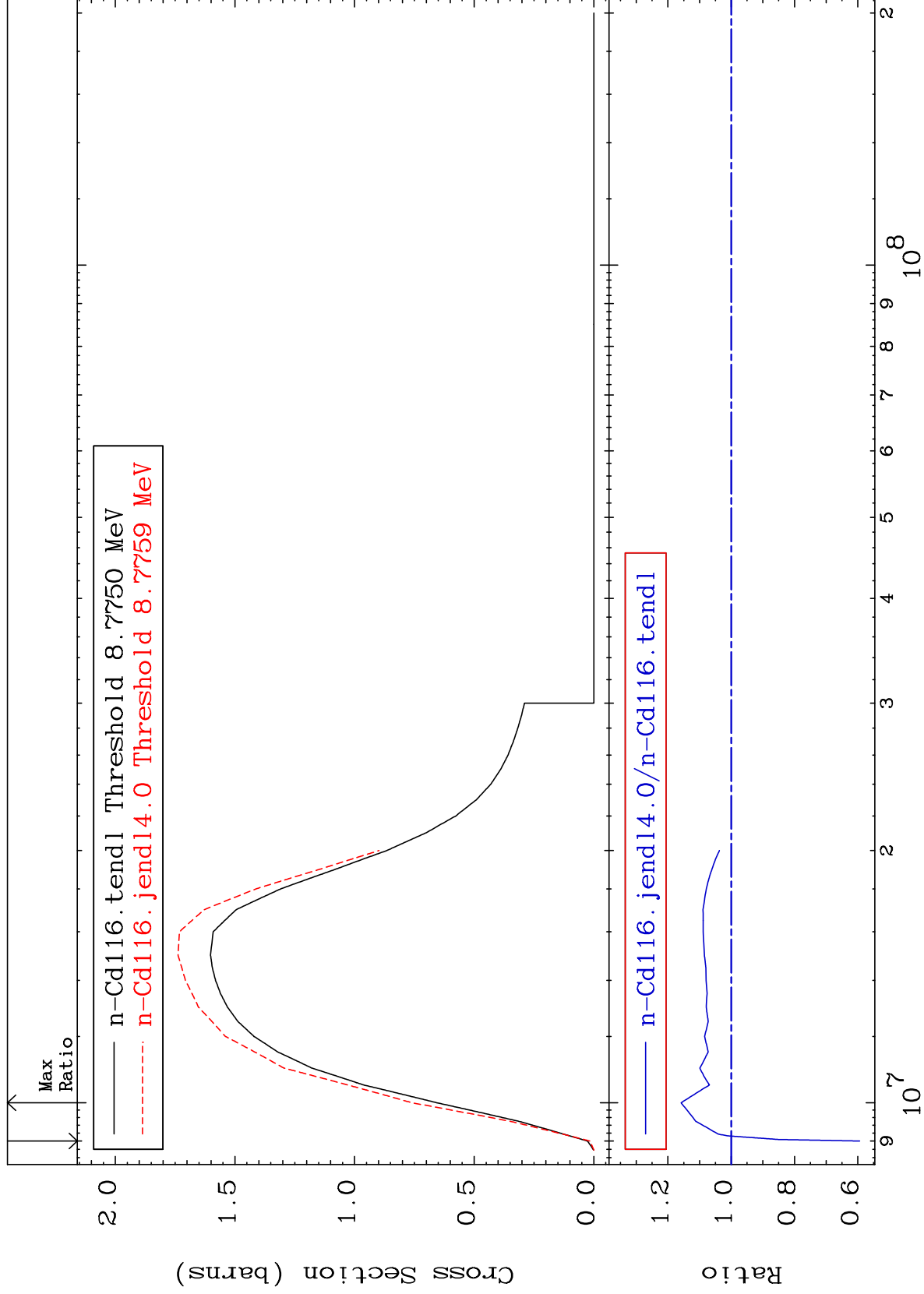
MAT 4855

(n,2n)

48-Cd-116

Cross Section

-40.59 To 15.81 %



Incident Energy (eV)

48-Cd-116

4

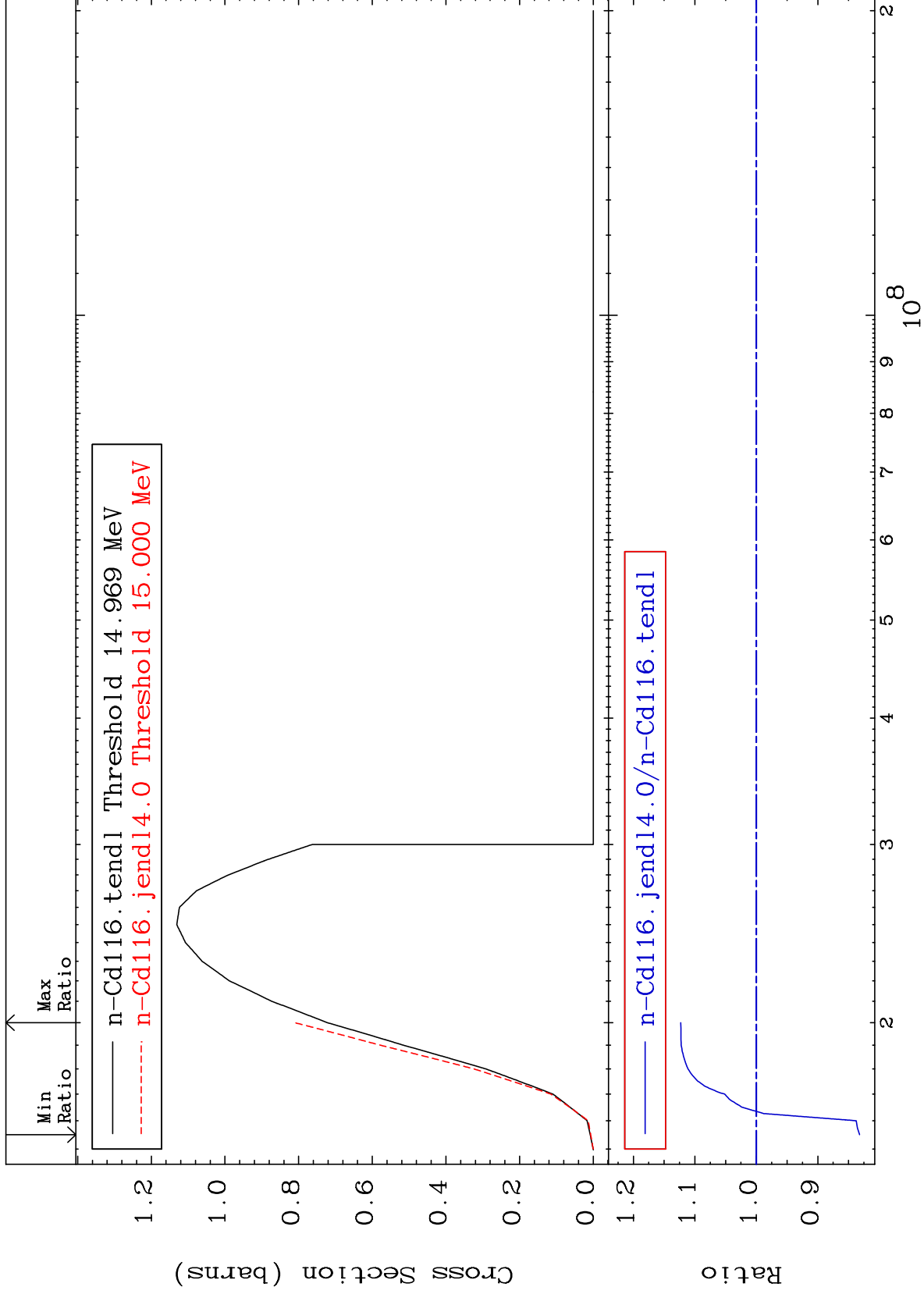
MAT 4855

(n,3n)

48-Cd-116

Cross Section

-16.79 To 12.29 %



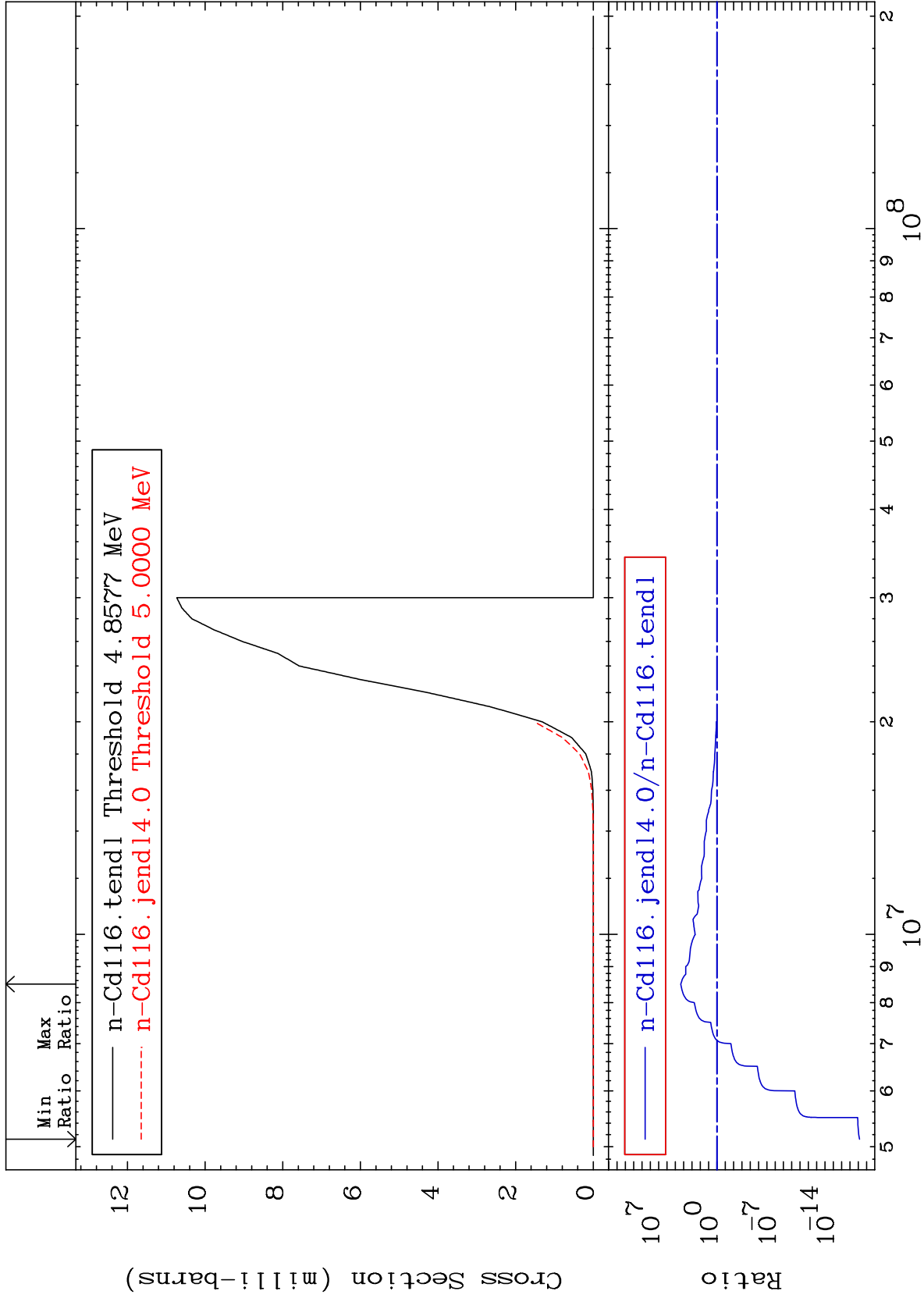
MAT 4855

(n,n') α

48-Cd-116

Cross Section

-100.0 To 9999. %



6

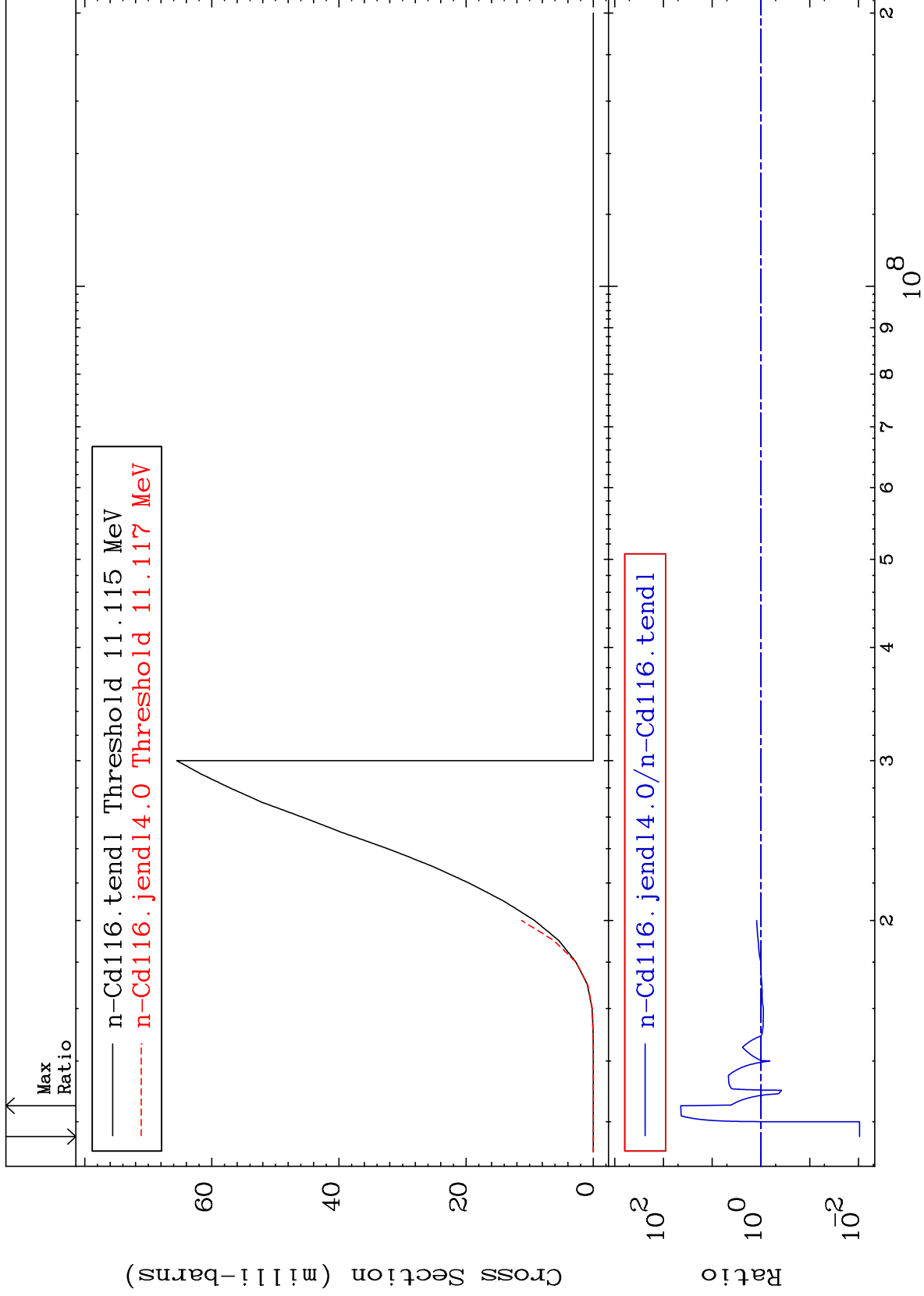
Incident Energy (eV)

48-Cd-116

MAT 4855

(n,n') p
Cross Section

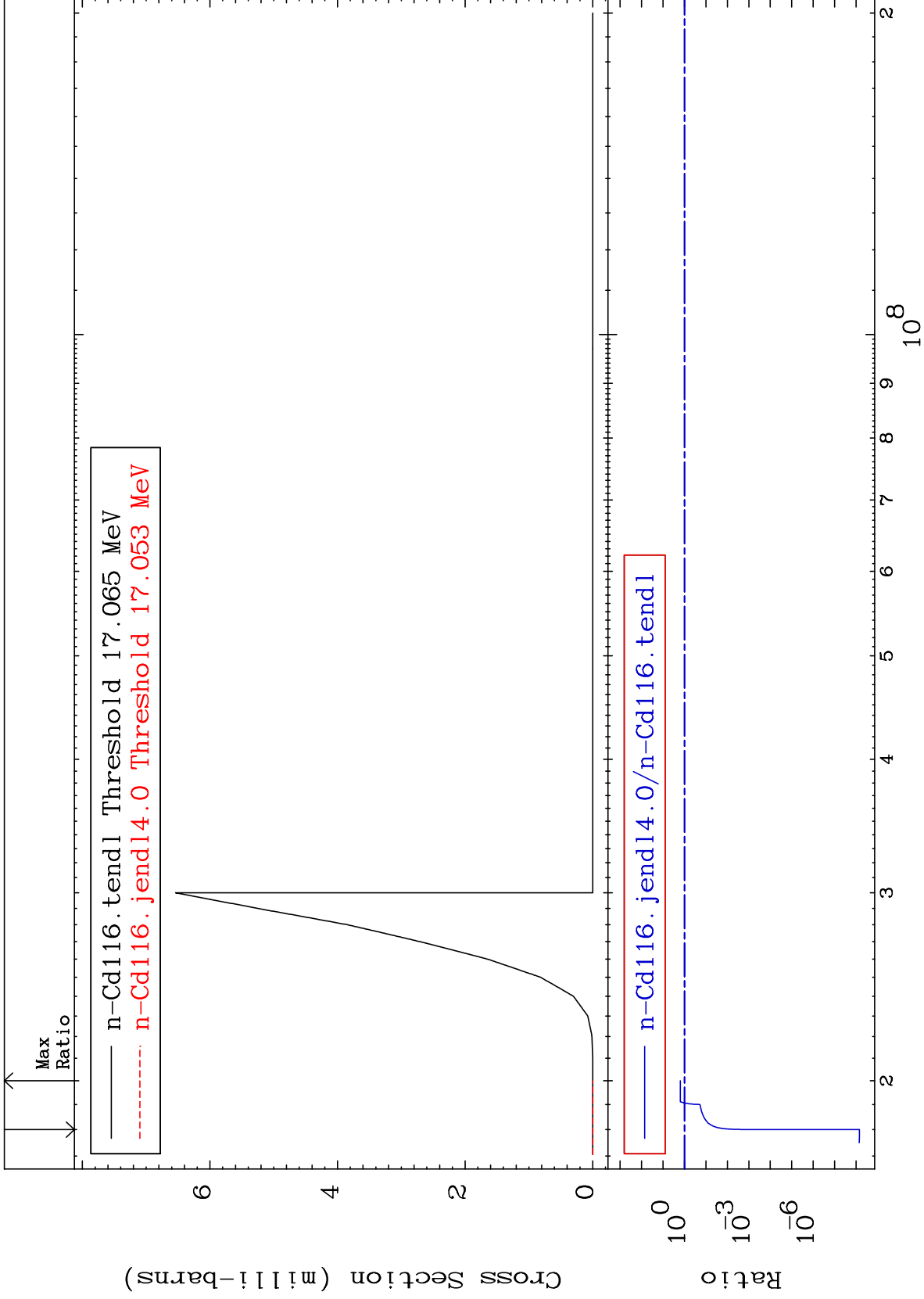
48-Cd-116
-99.05 To 4306. %



MAT 4855

(n,n') d
Cross Section

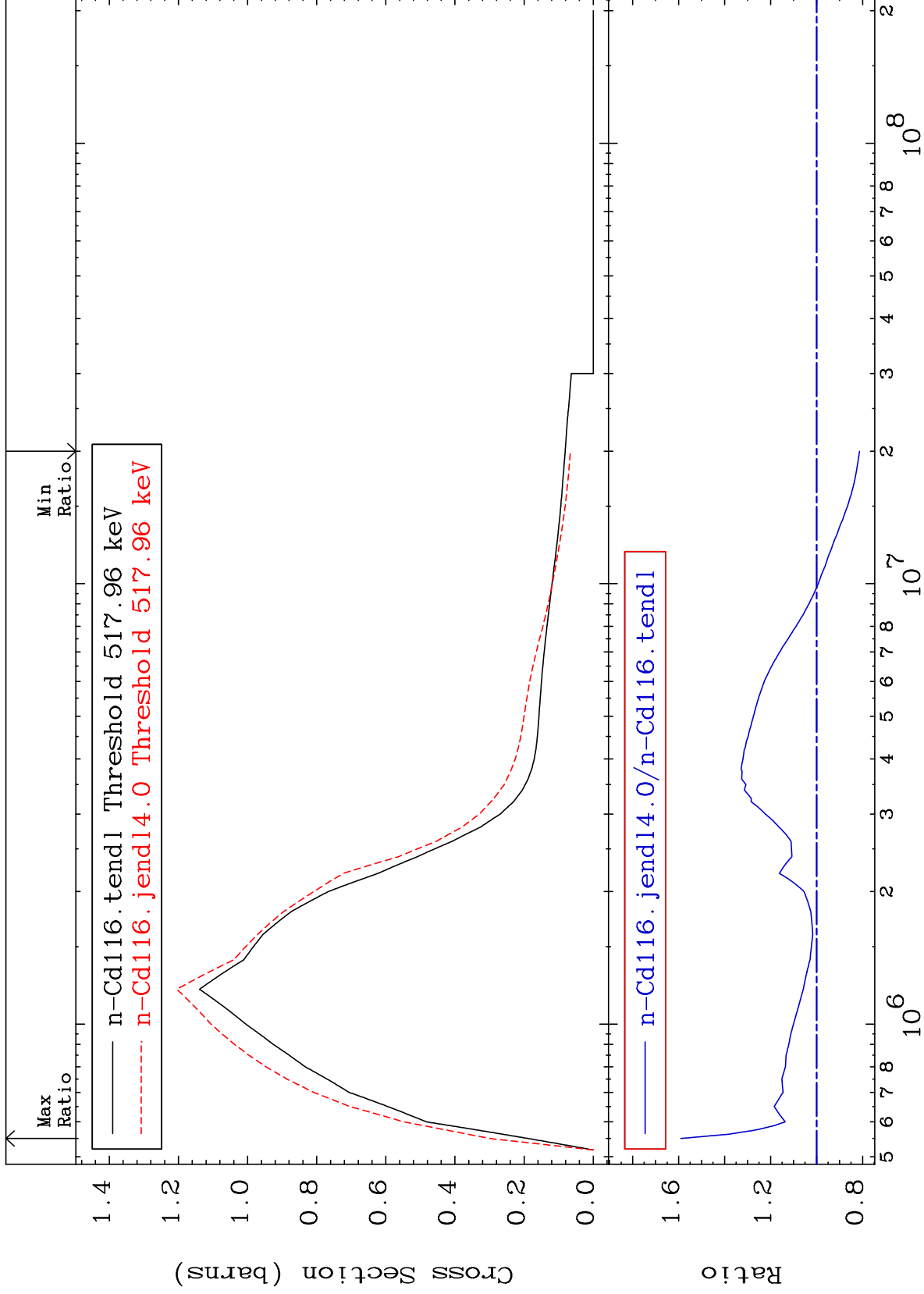
48-Cd-116
-100.0 To 55.91 %



MAT 4855

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

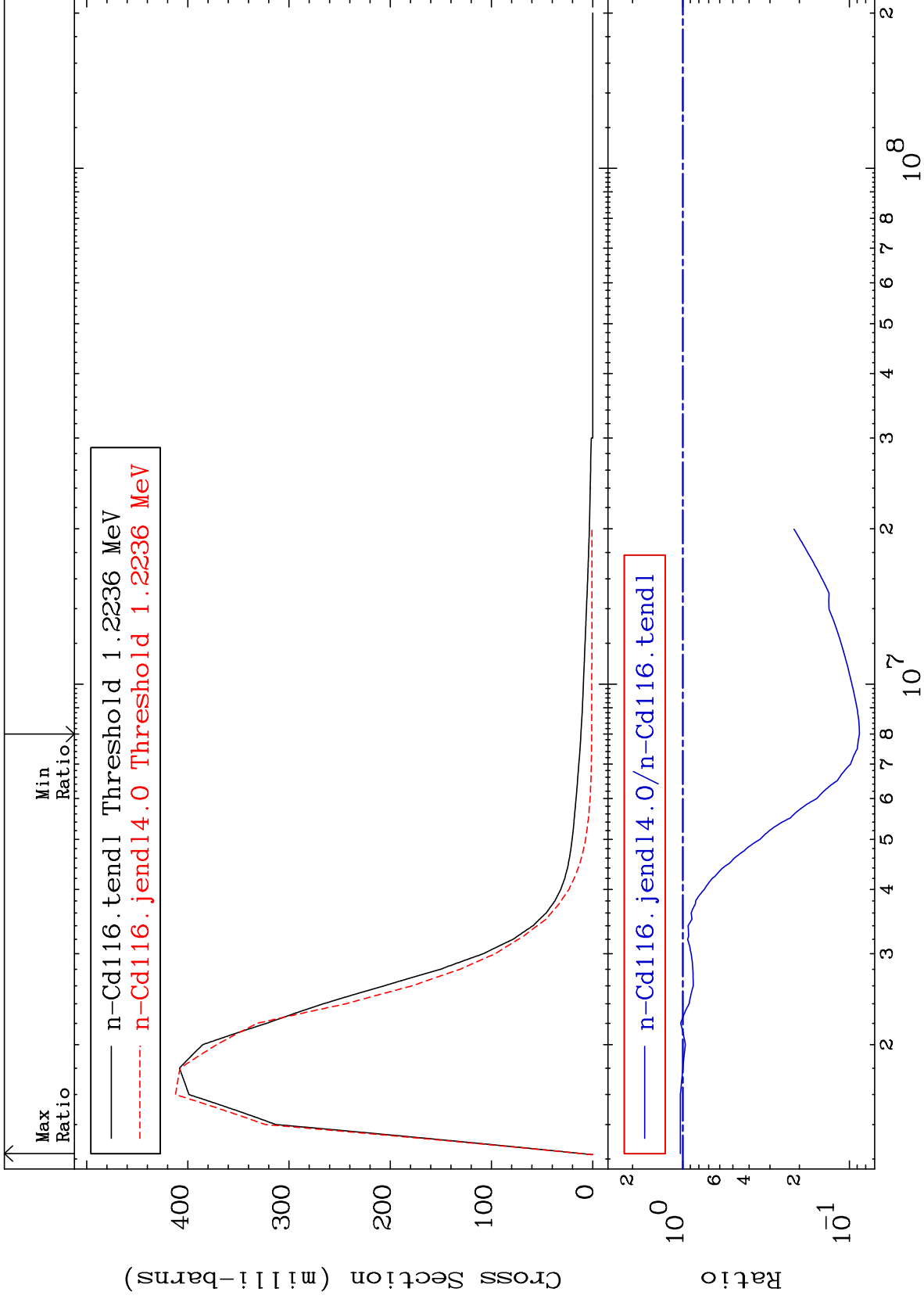
48-Cd-116
-18.68 To 59.06 %



MAT 4855

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

48-Cd-116
-91.28 To 3.356 %



10

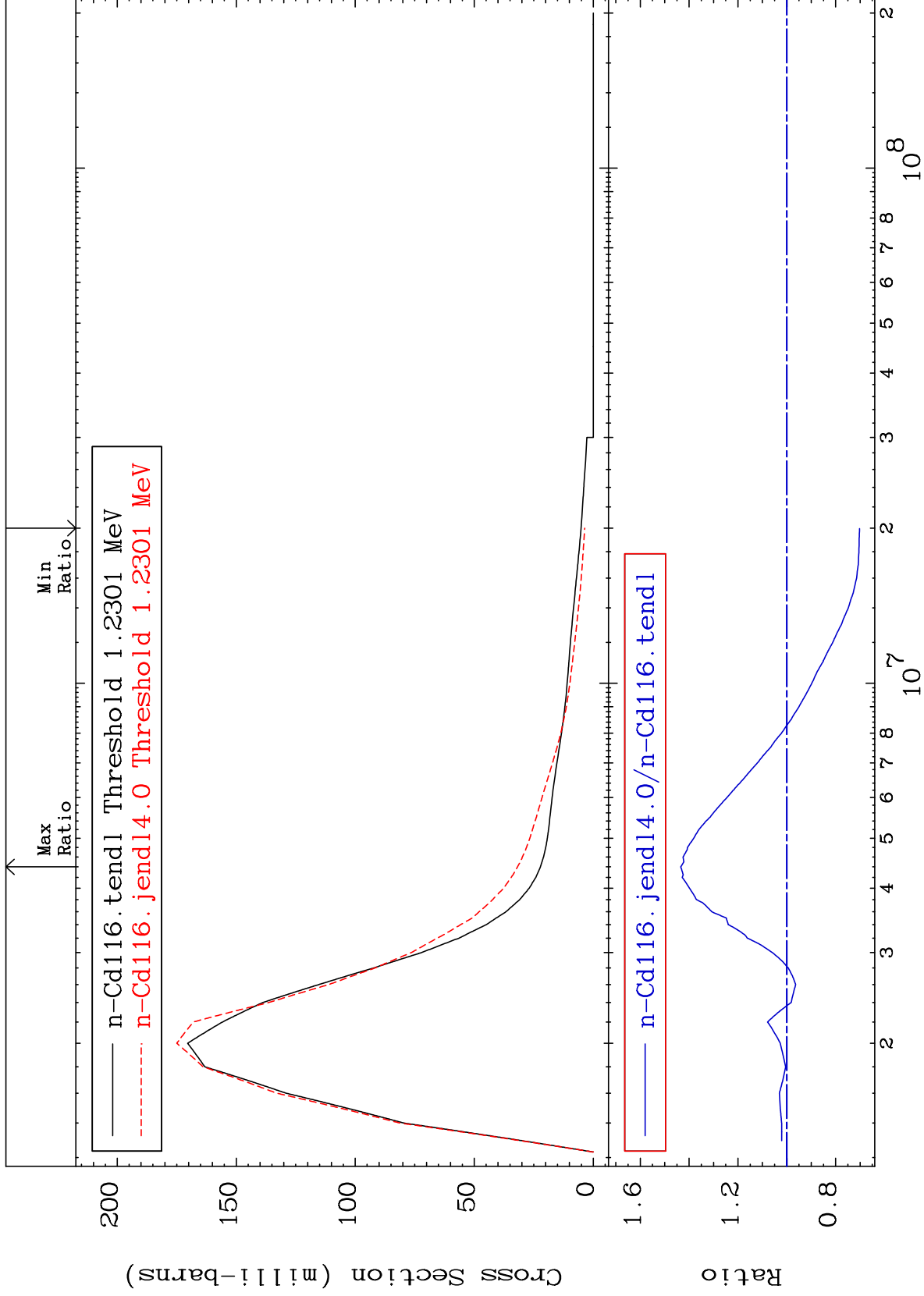
Incident Energy (eV)

48-Cd-116

MAT 4855

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

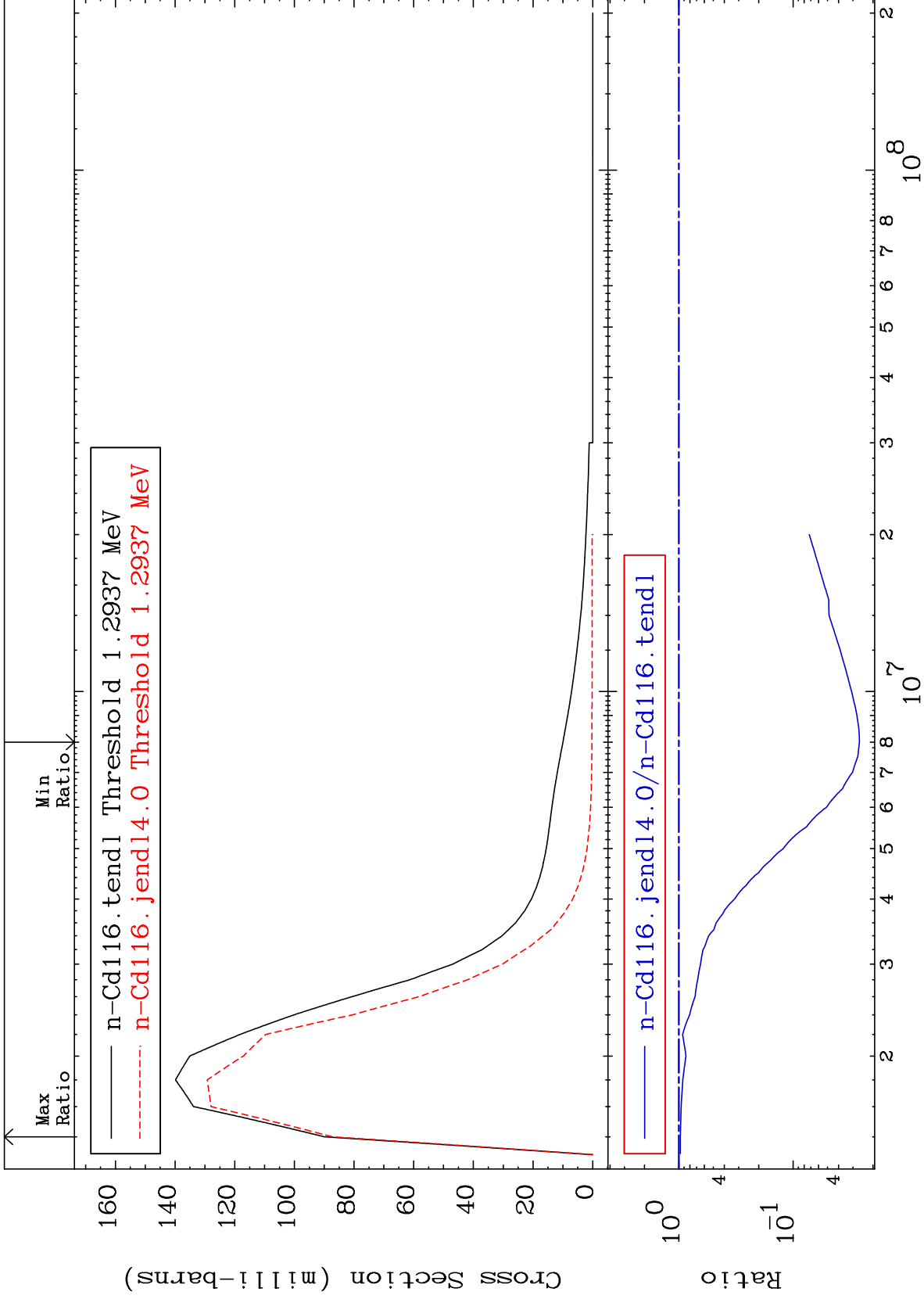
48-Cd-116
-29.79 To 43.42 %



MAT 4855

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

48-Cd-116
-97.37 To -2.982%



12

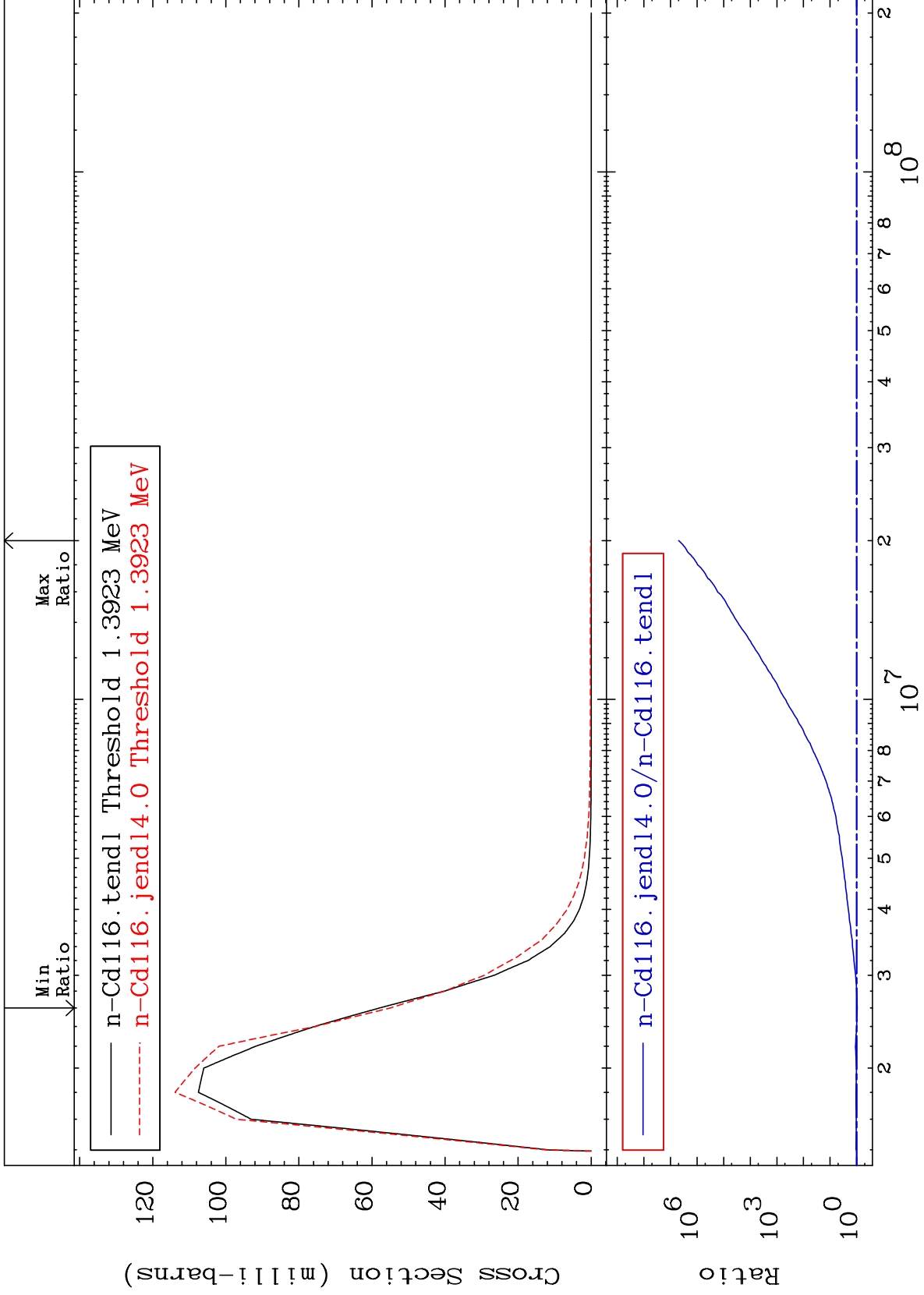
Incident Energy (eV)

48-Cd-116

MAT 4855

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

48-Cd-116
-5.075 To 9999. %



13

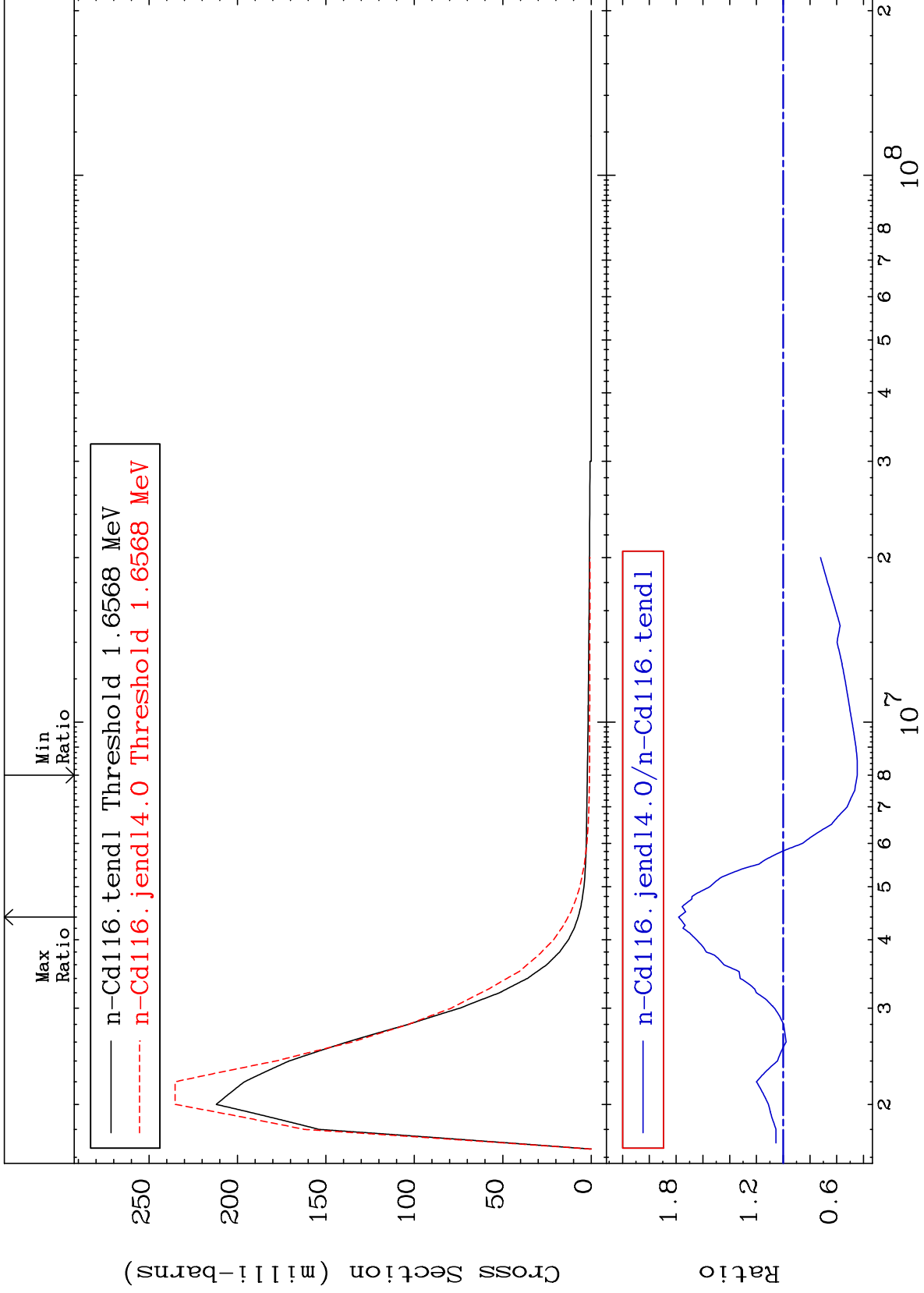
Incident Energy (eV)

48-Cd-116

MAT 4855

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

48-Cd-116
-55.34 To 78.13 %



14

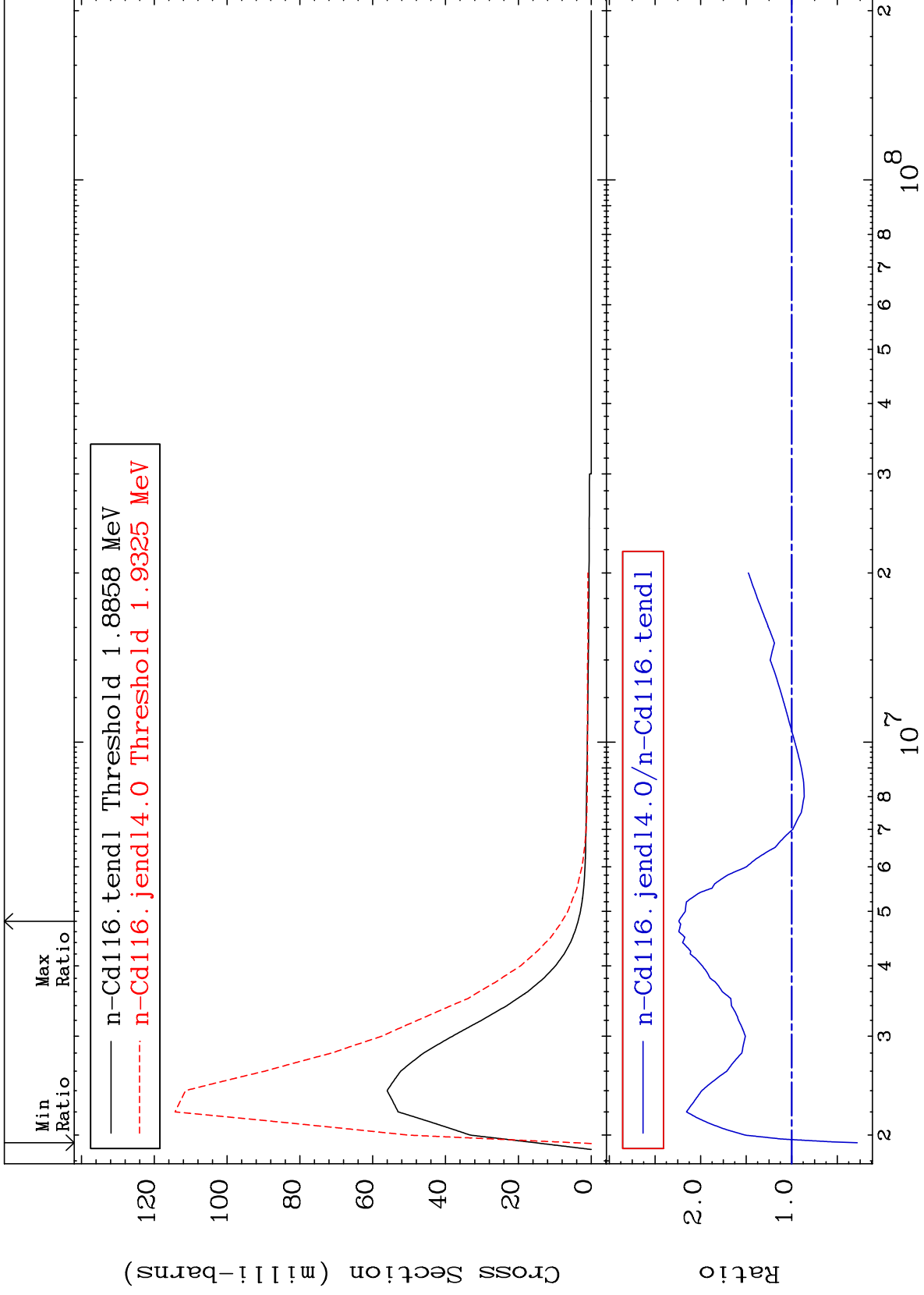
Incident Energy (eV)

48-Cd-116

MAT 4855

MT= 57 (n,n') Level
Cross Section

48-Cd-116
-71.79 To 124.1 %



15

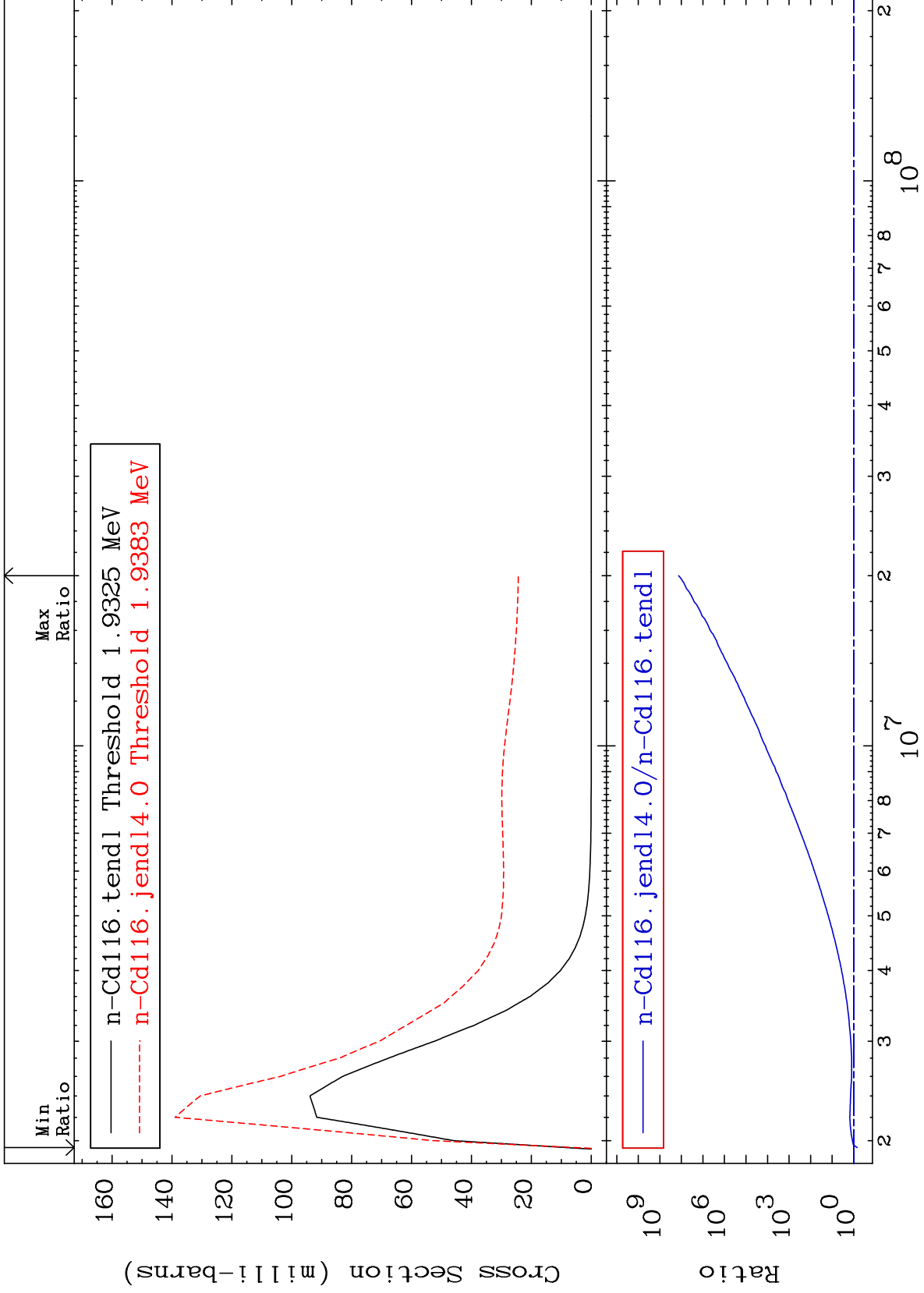
Incident Energy (eV)

48-Cd-116

MAT 4855

MT= 58 (n,n') Level
Cross Section

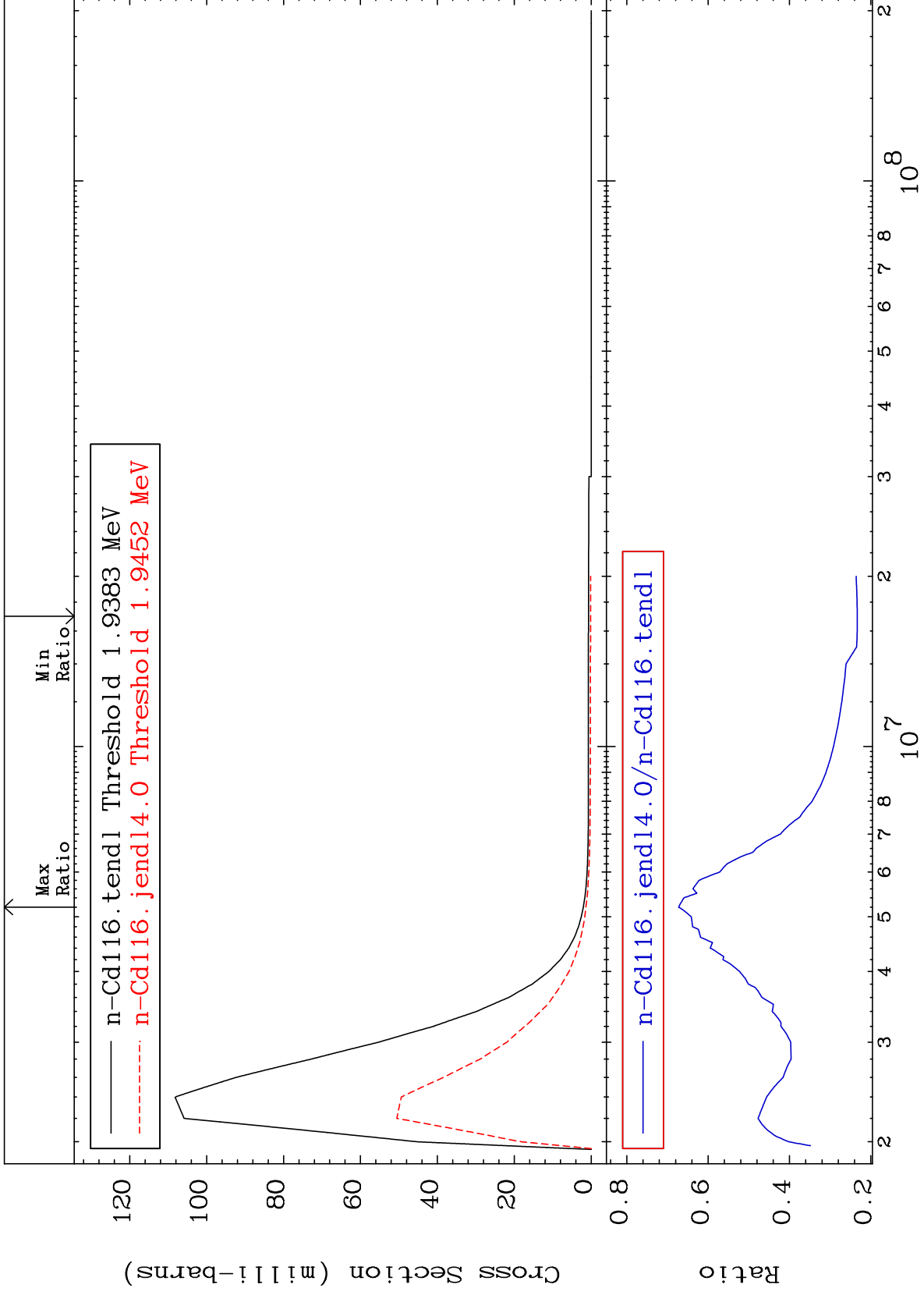
48-Cd-116
-31.56 To 9999. %



MAT 4855

MT= 59 (n,n') Level
Cross Section

48-Cd-116
-76.66 To -32.75%



17

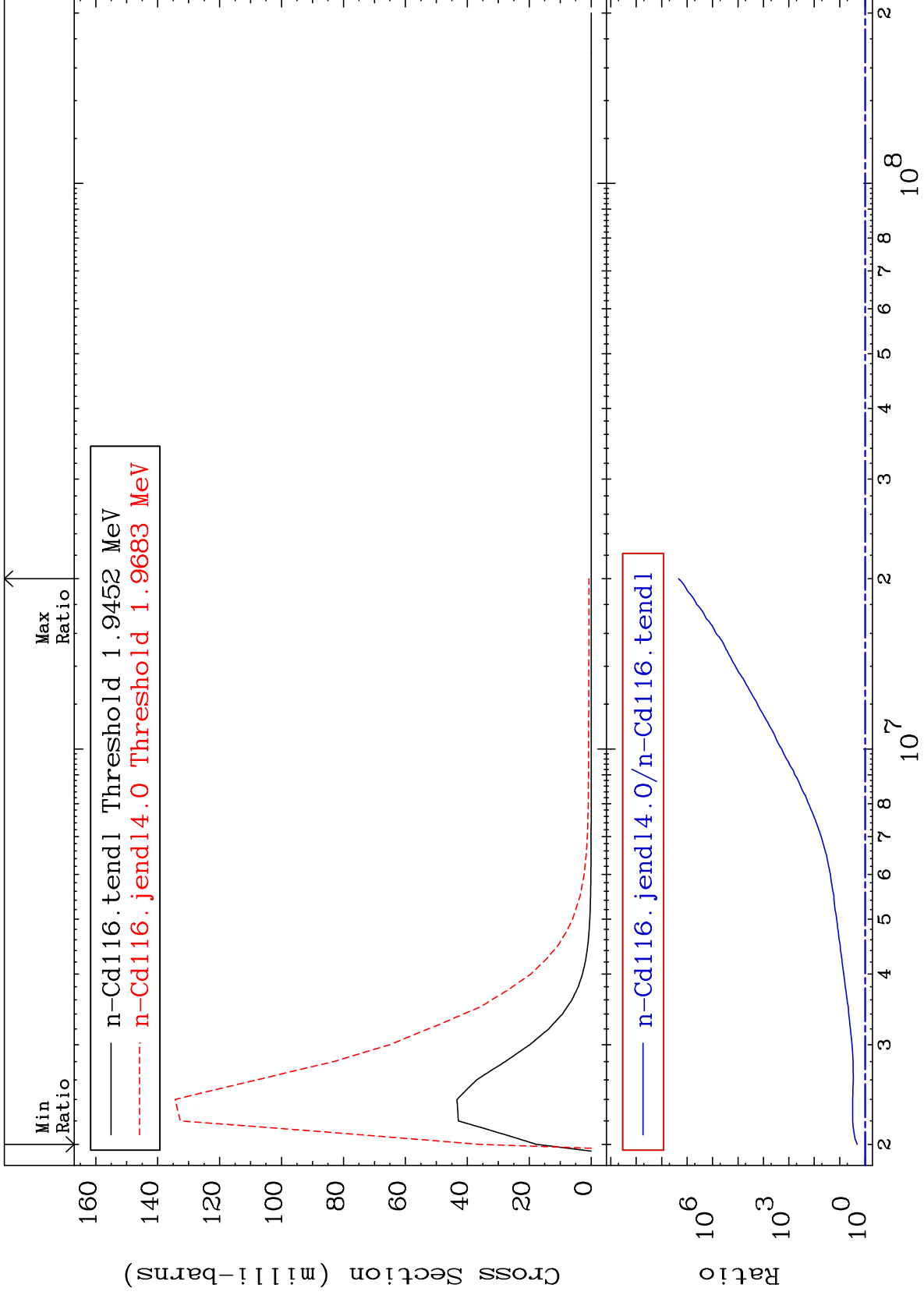
Incident Energy (eV)

48-Cd-116

MAT 4855

MT= 60 (n,n') Level
Cross Section

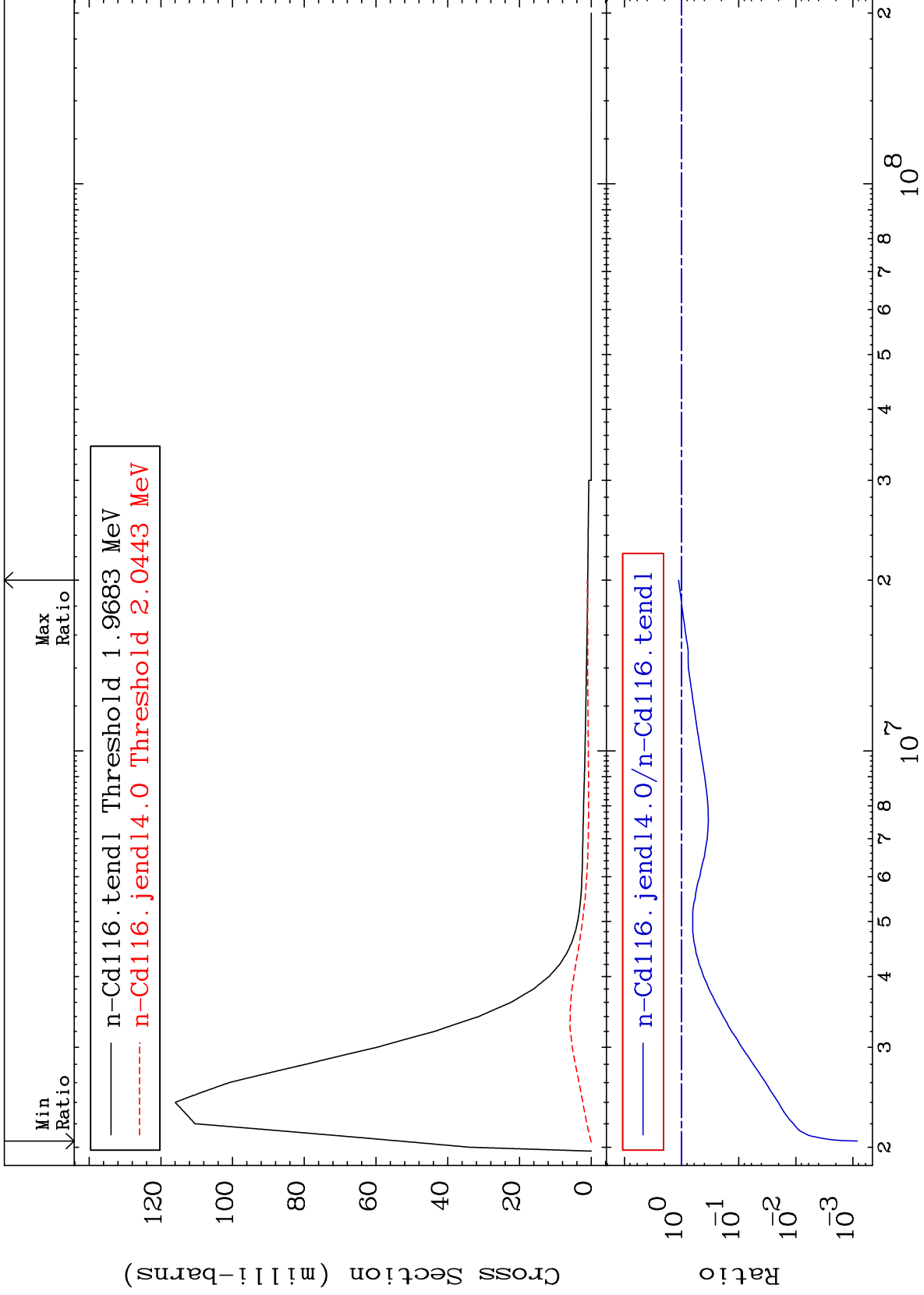
48-Cd-116
104.3 To 9999. %



MAT 4855

MT= 61 (n,n') Level
Cross Section

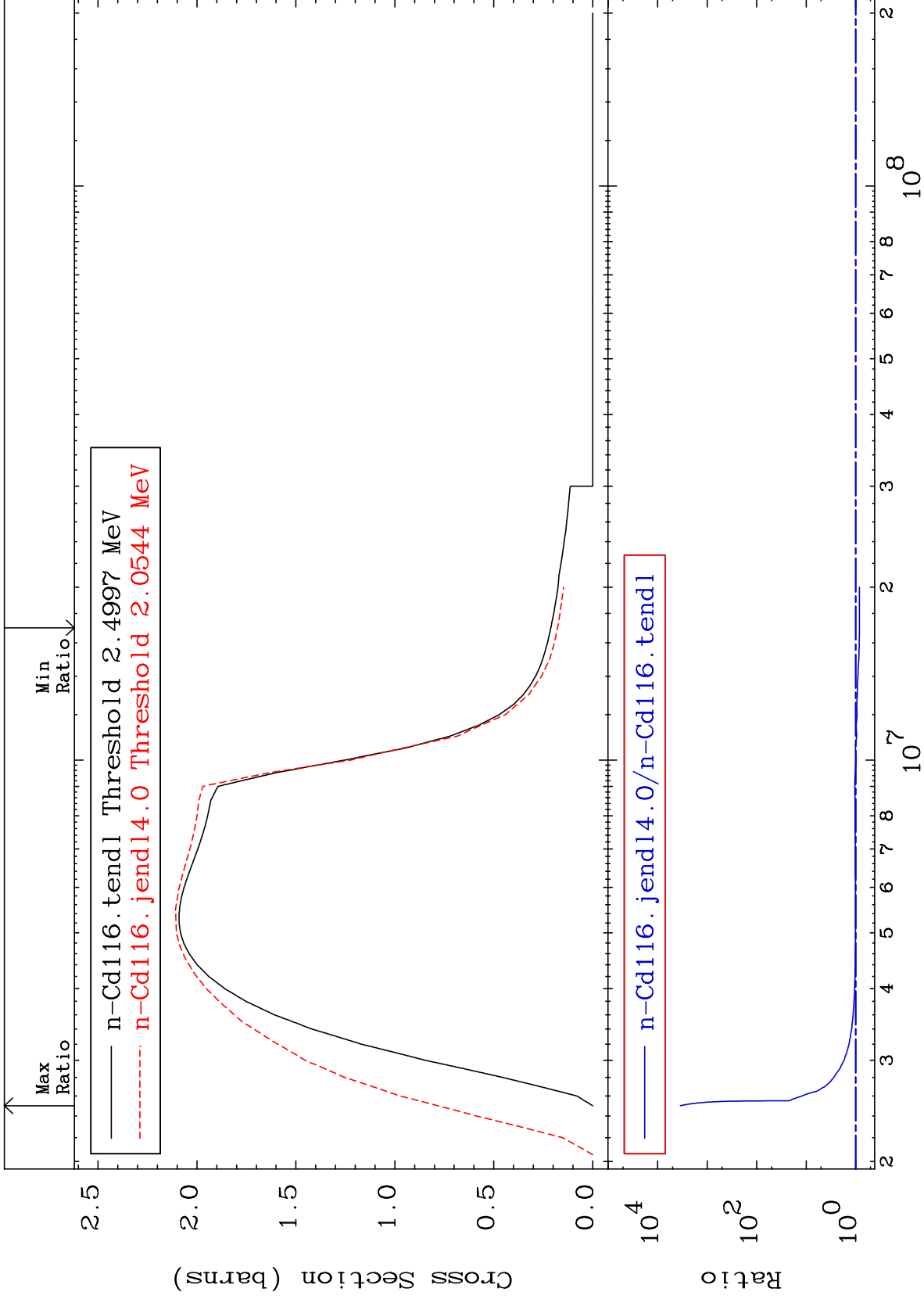
48-Cd-116
-99.92 To 12.58 %



MAT 4855

(n, n') Continuum
Cross Section

48-Cd-116
-16.09 To 9999. %



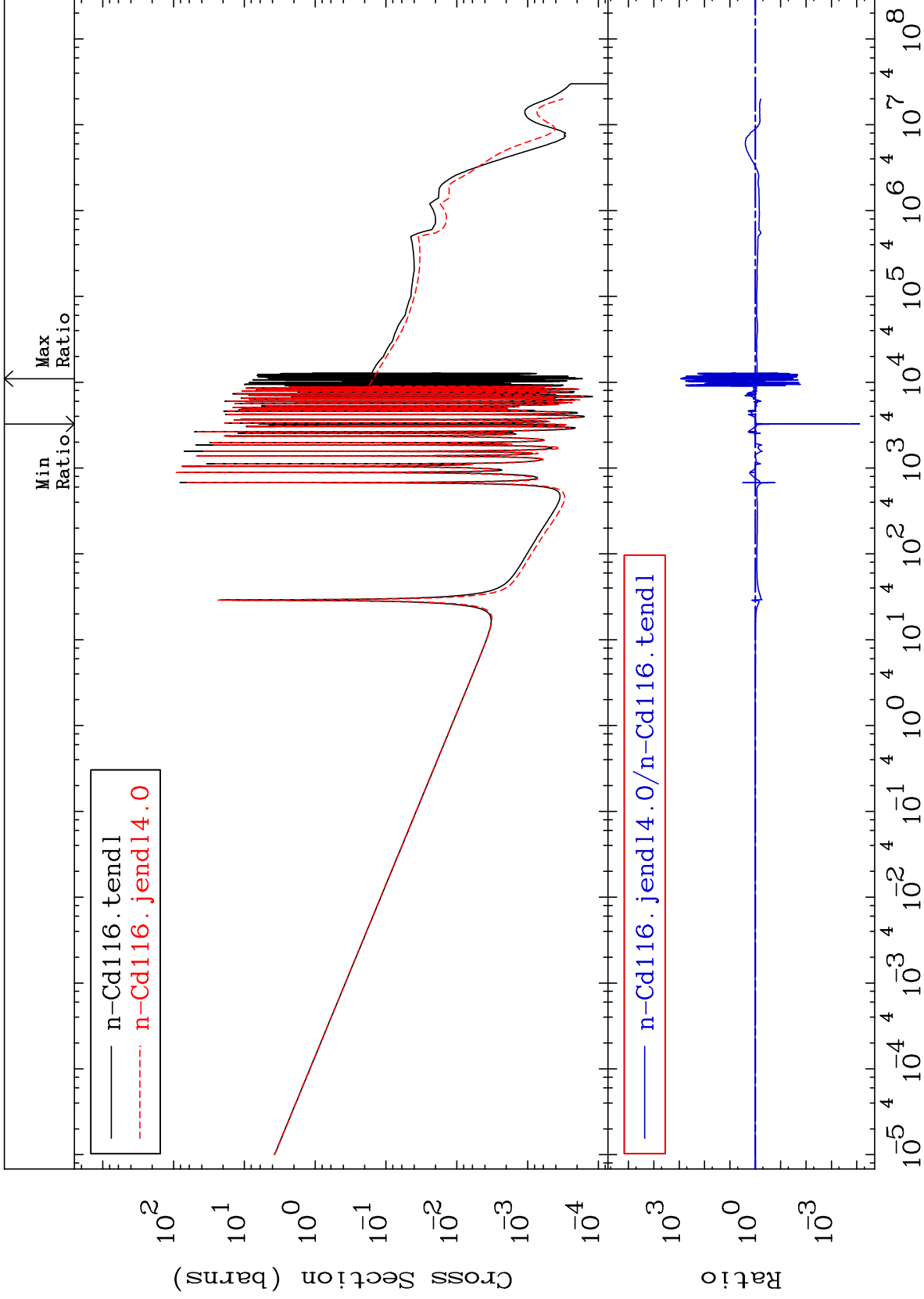
MAT 4855

(n, γ)

48-Cd-116

Cross Section

-99.99 To 9999. %



21

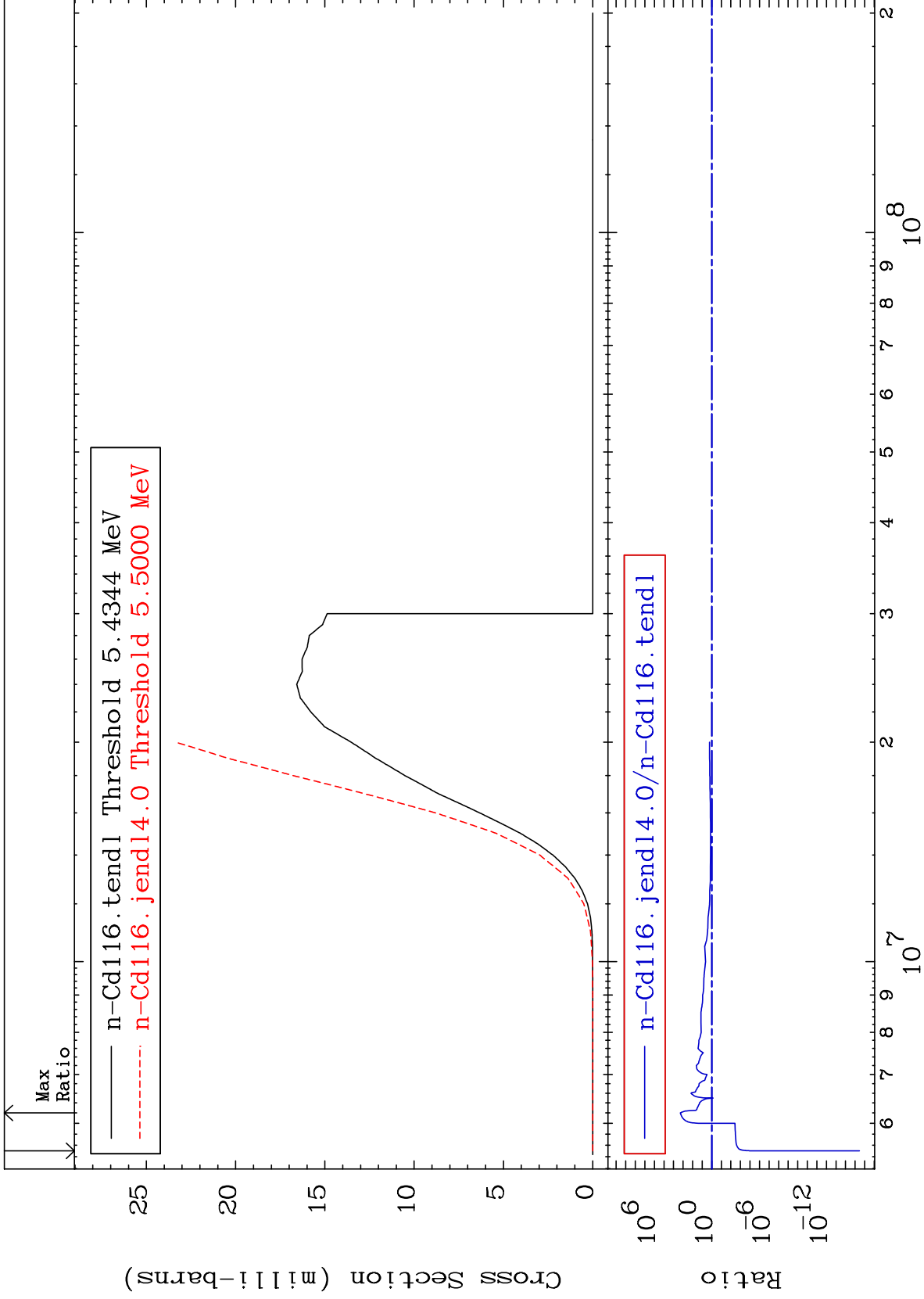
Incident Energy (eV)

48-Cd-116

MAT 4855

(n,p)
Cross Section

48-Cd-116
-100.0 To 9999. %



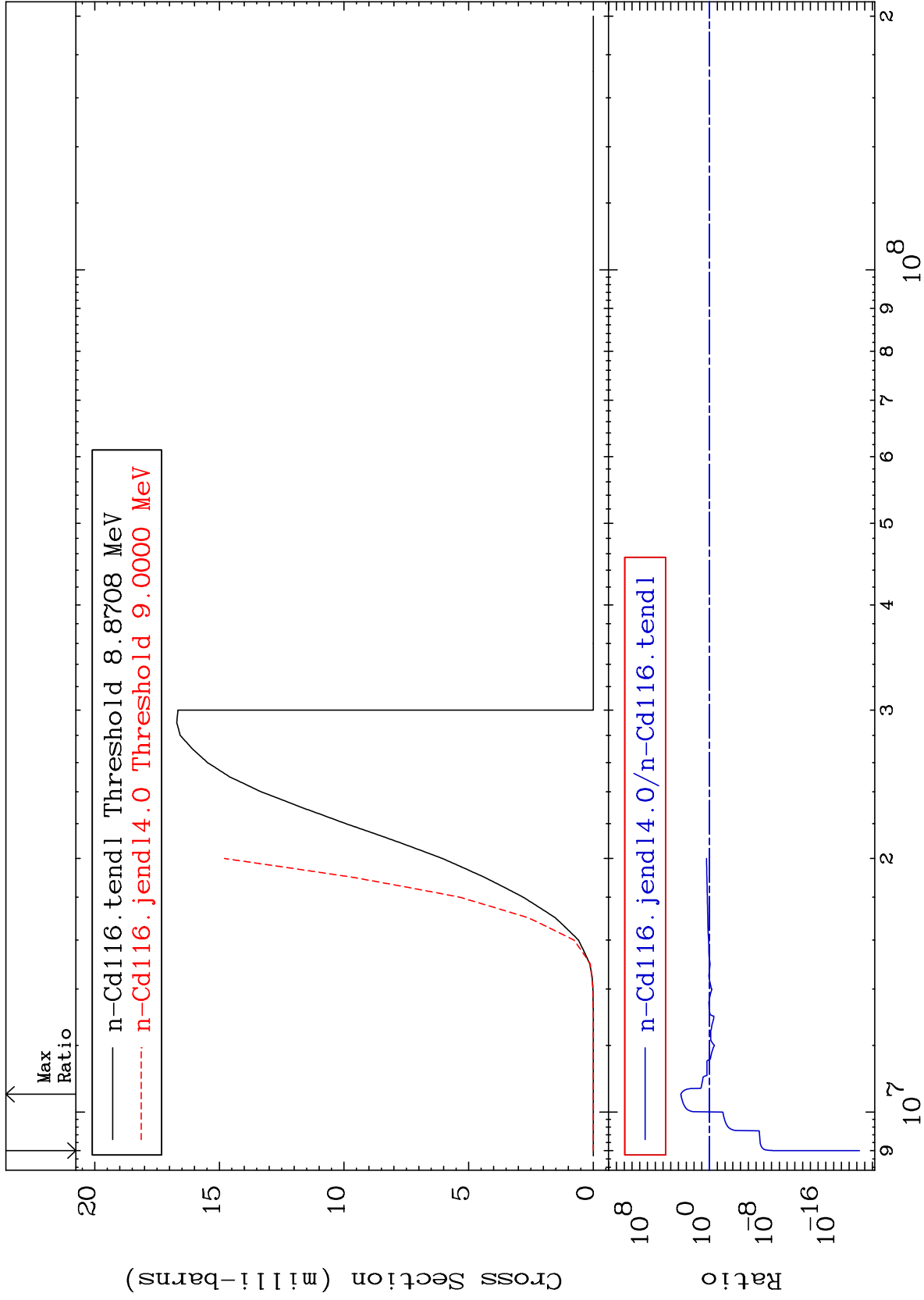
MAT 4855

(n, d)

48-Cd-116

Cross Section

-100.0 To 9999. %



23

Incident Energy (eV)

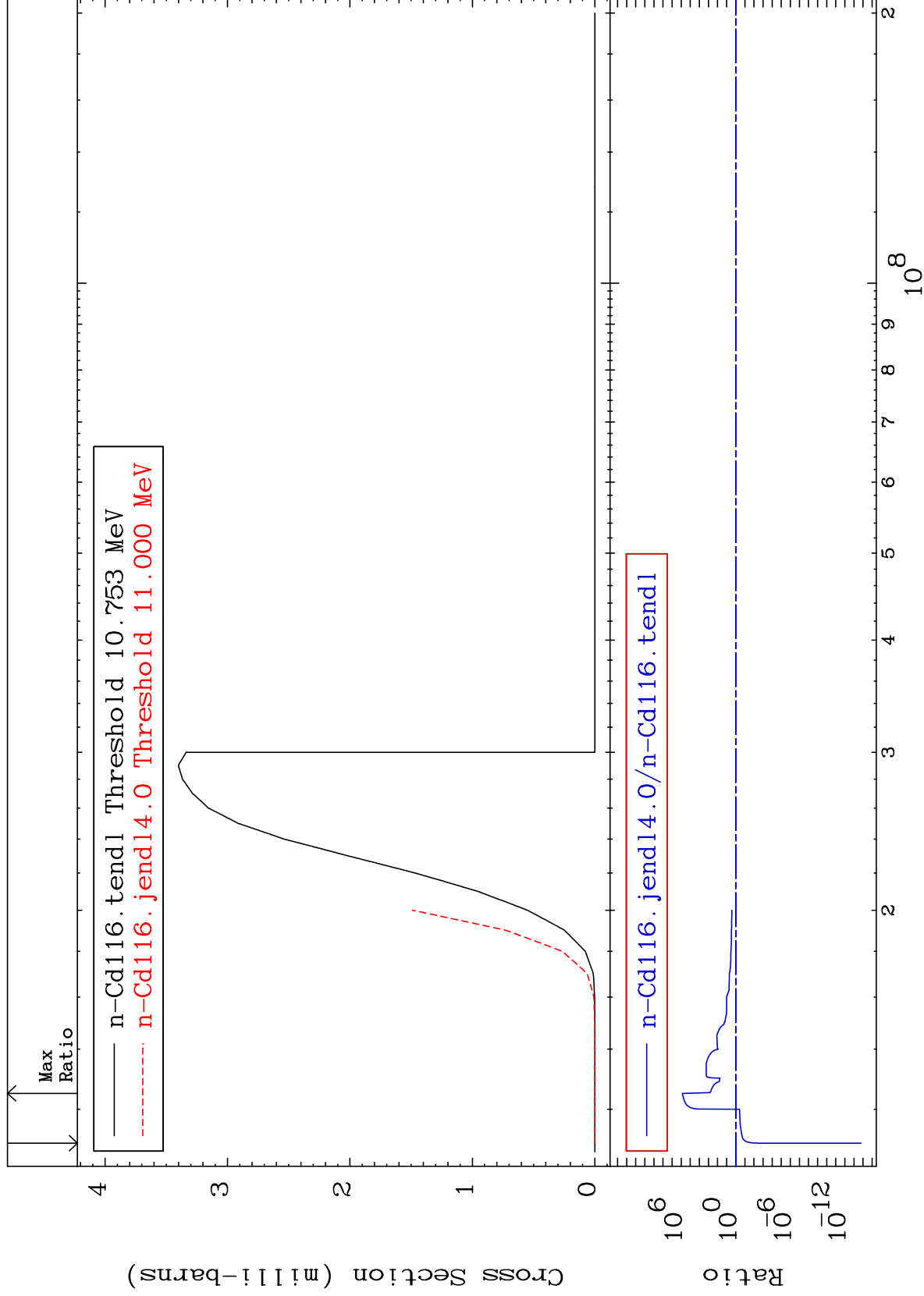
48-Cd-116

MAT 4855

48-Cd-116

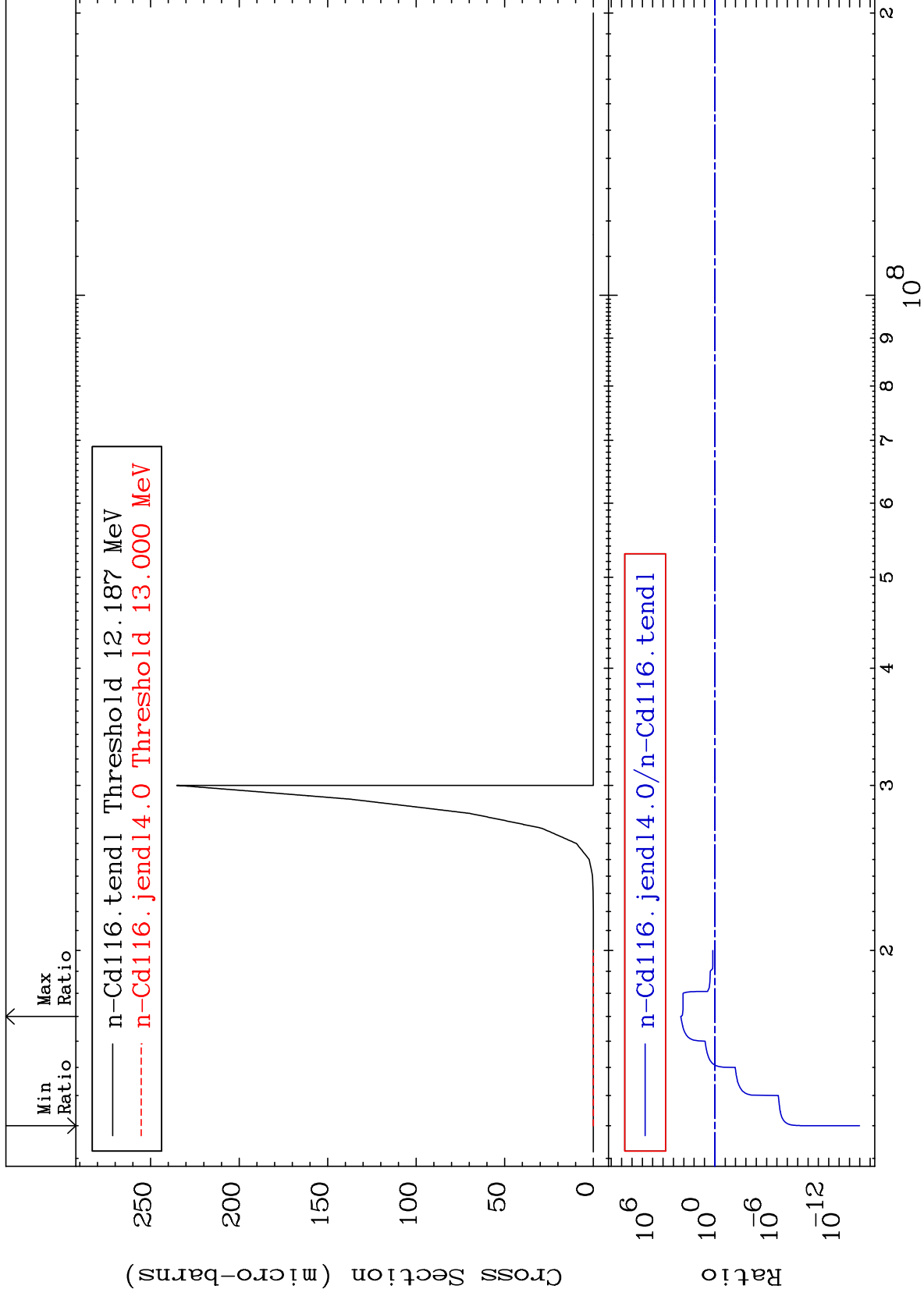
(n, t)
Cross Section

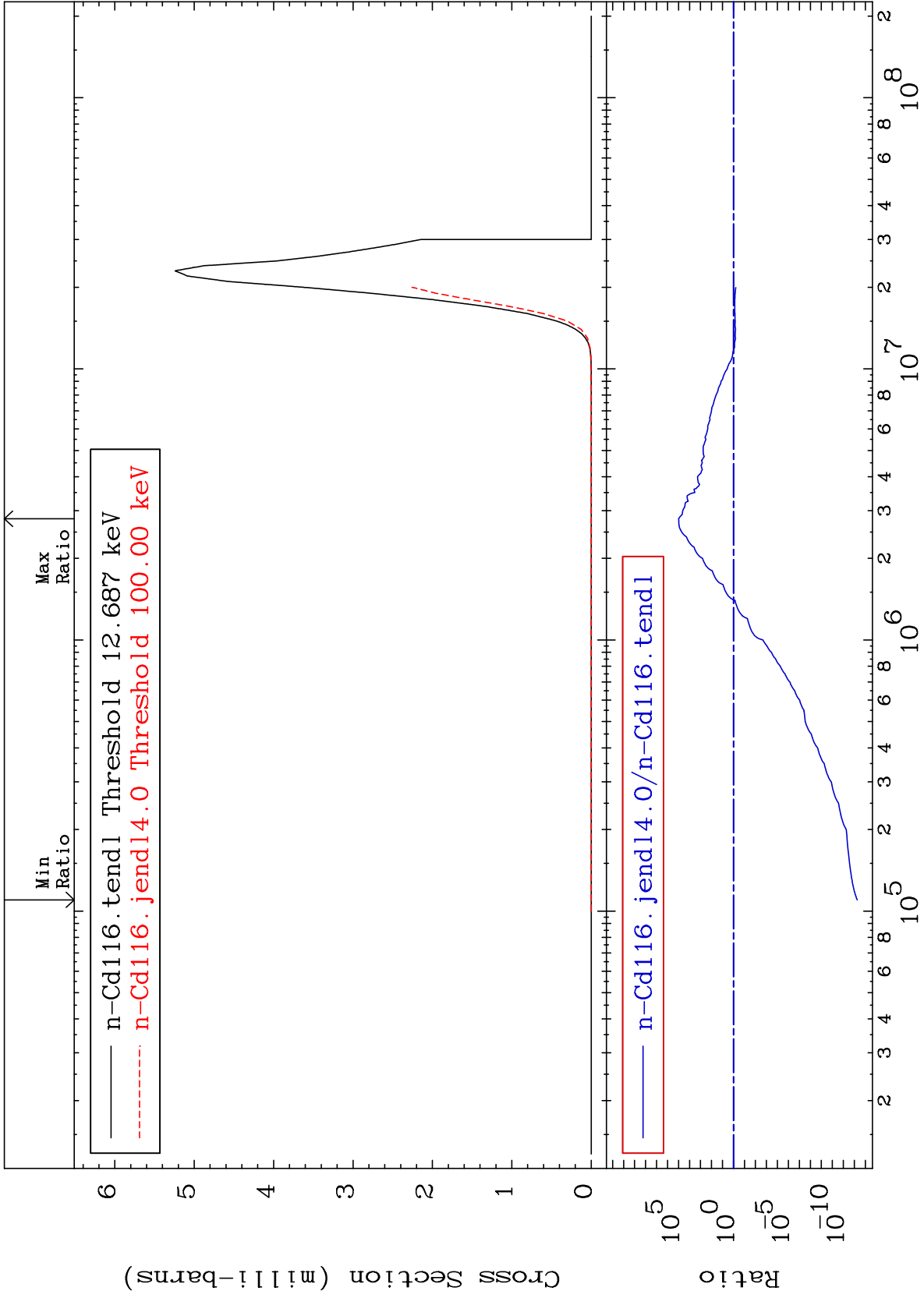
-100.0 To 9999. %



Cross Section

-100.0 To 9999. %

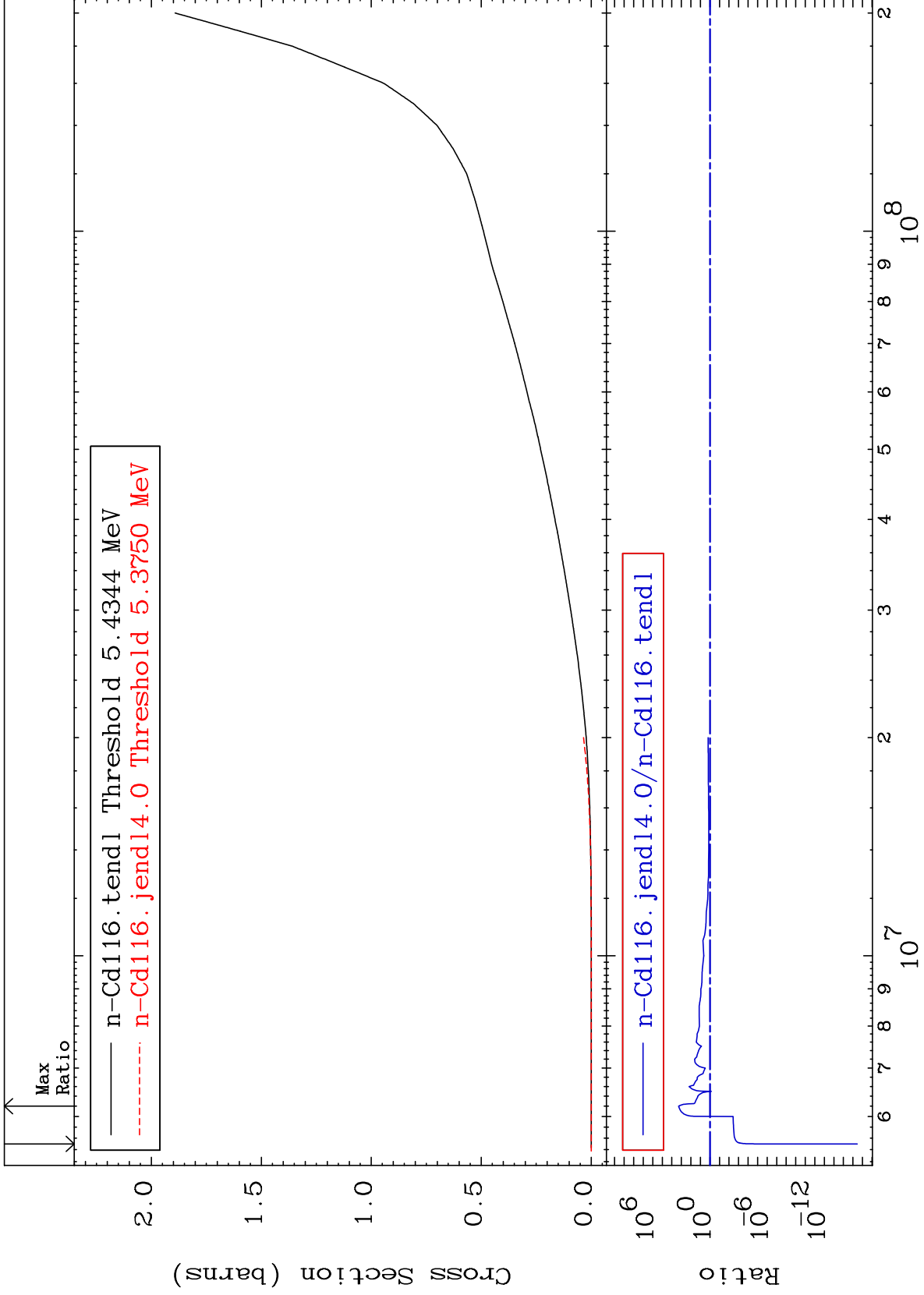




MAT 4855

Hydrogen Production
Cross Section

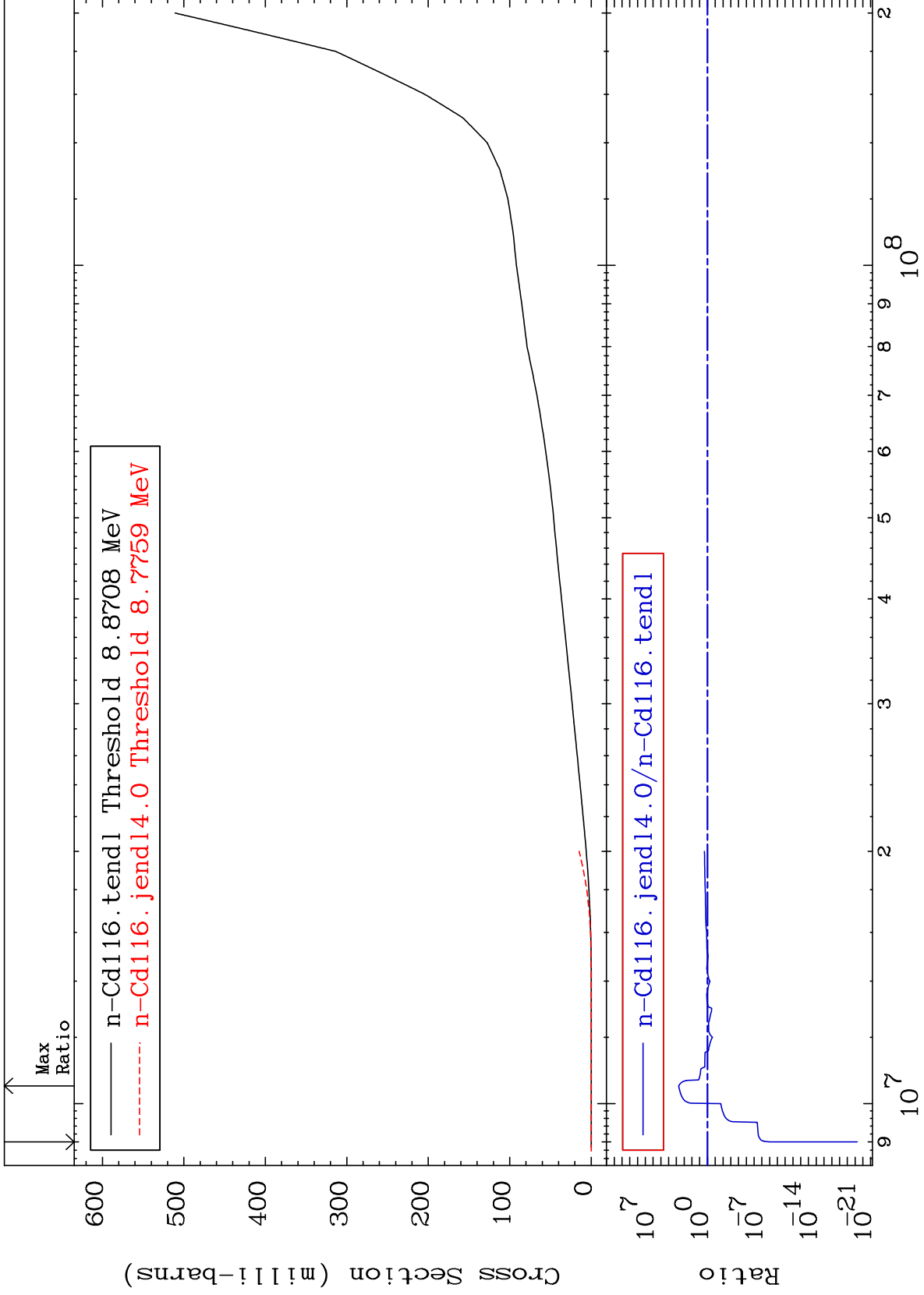
48-Cd-116
-100.0 To 9999. %



MAT 4855

Deuterium Production
Cross Section

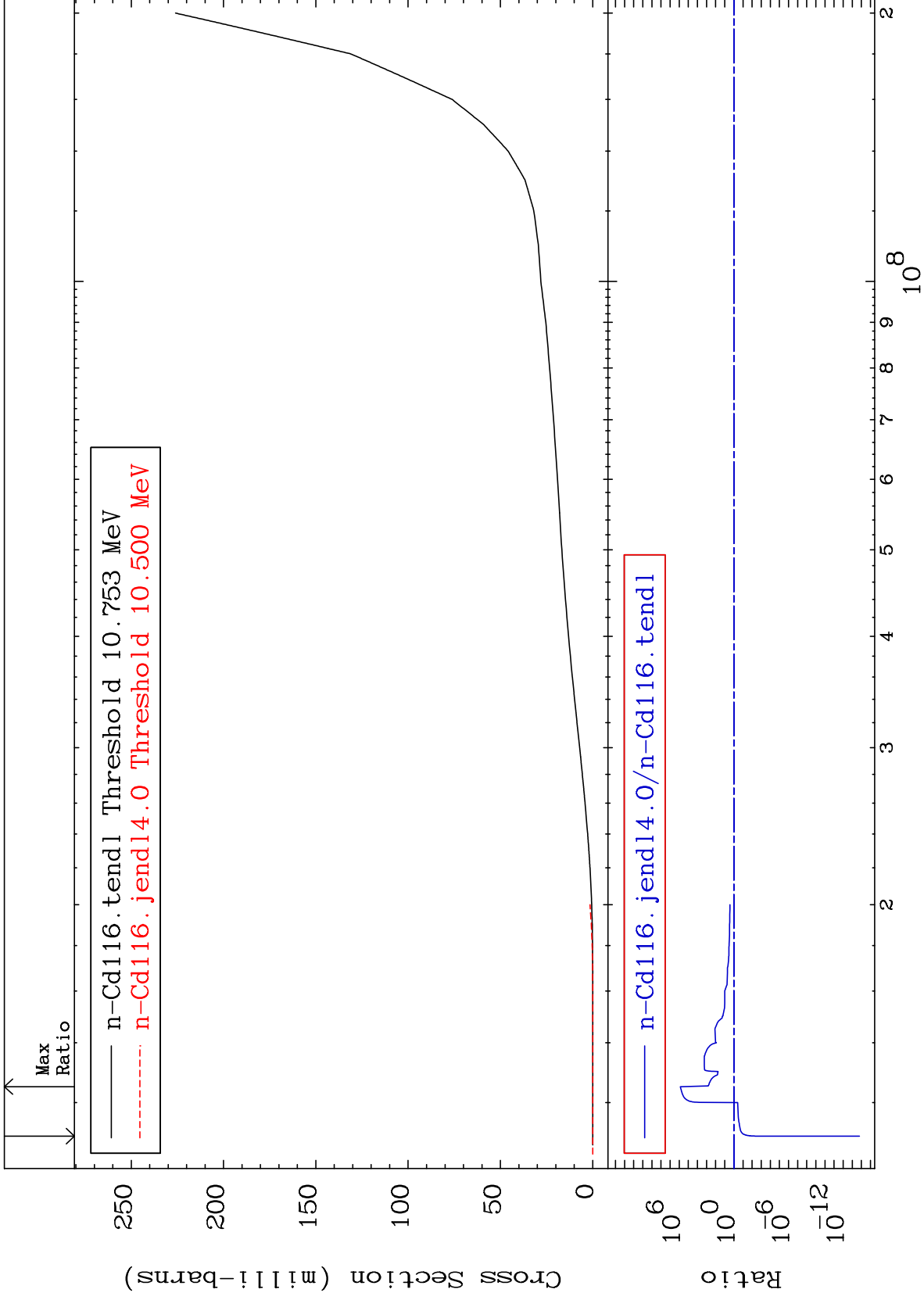
48-Cd-116
-100.0 To 9999. %

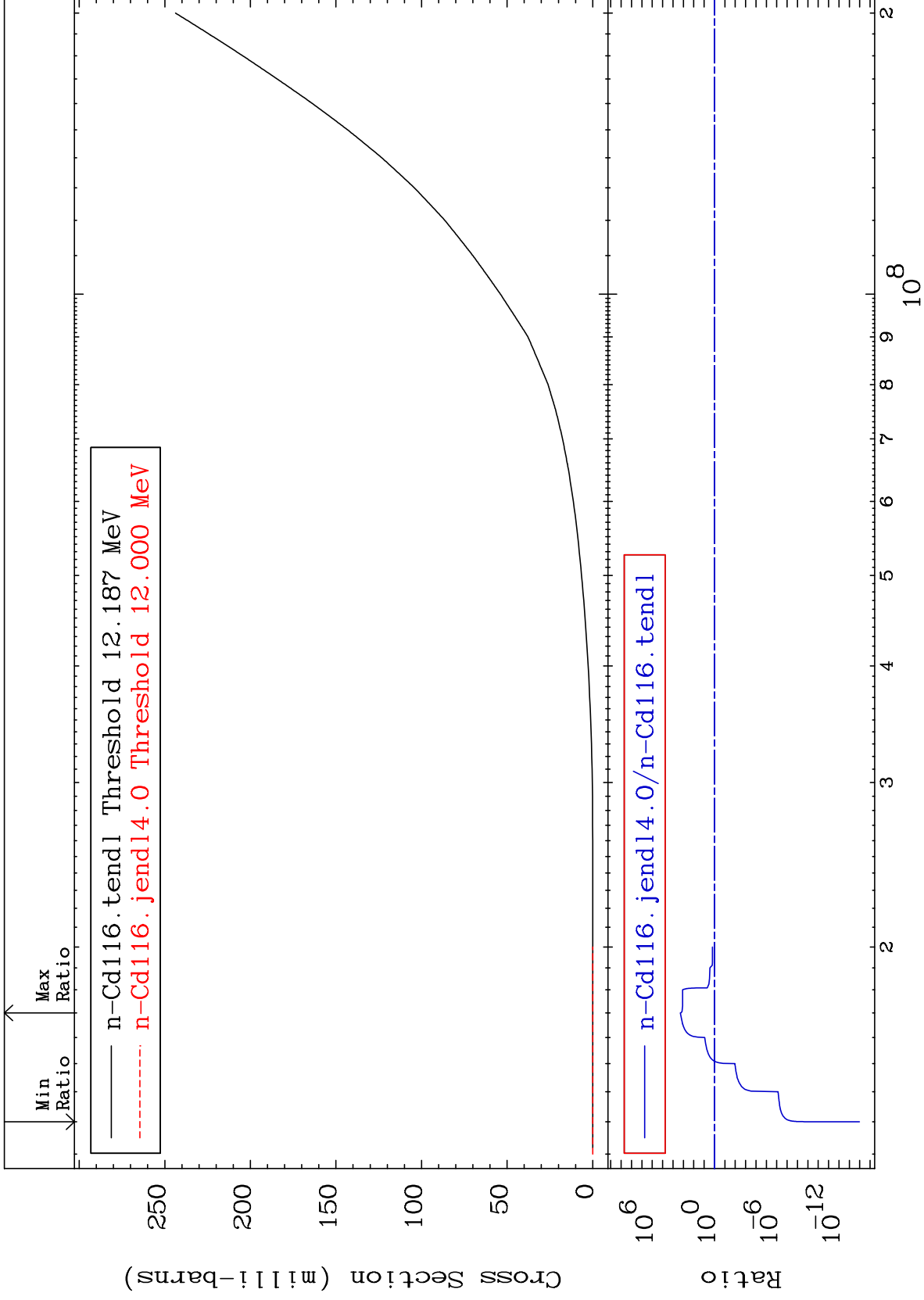


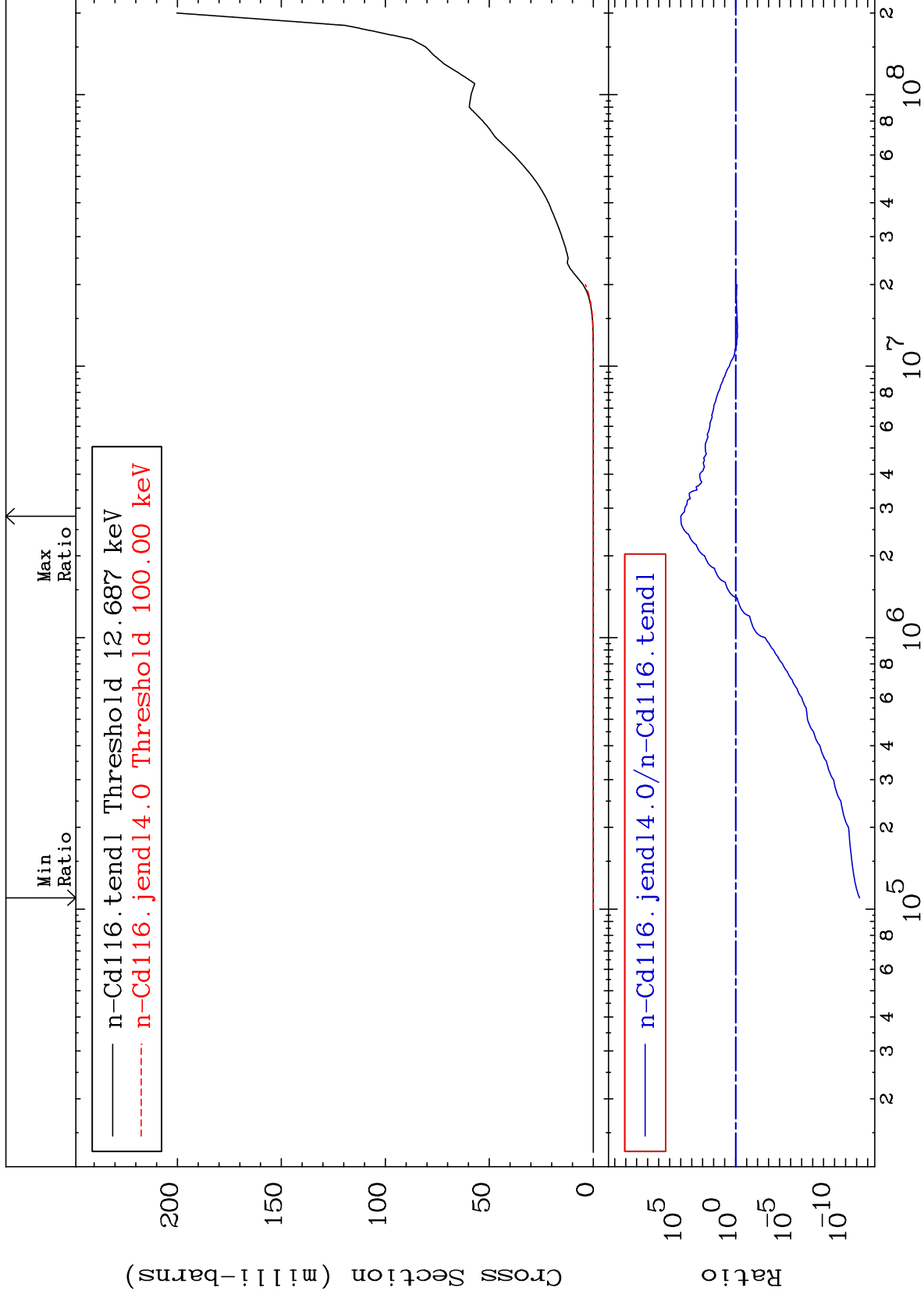
MAT 4855

Tritium Production
Cross Section

48-Cd-116
-100.0 To 9999. %

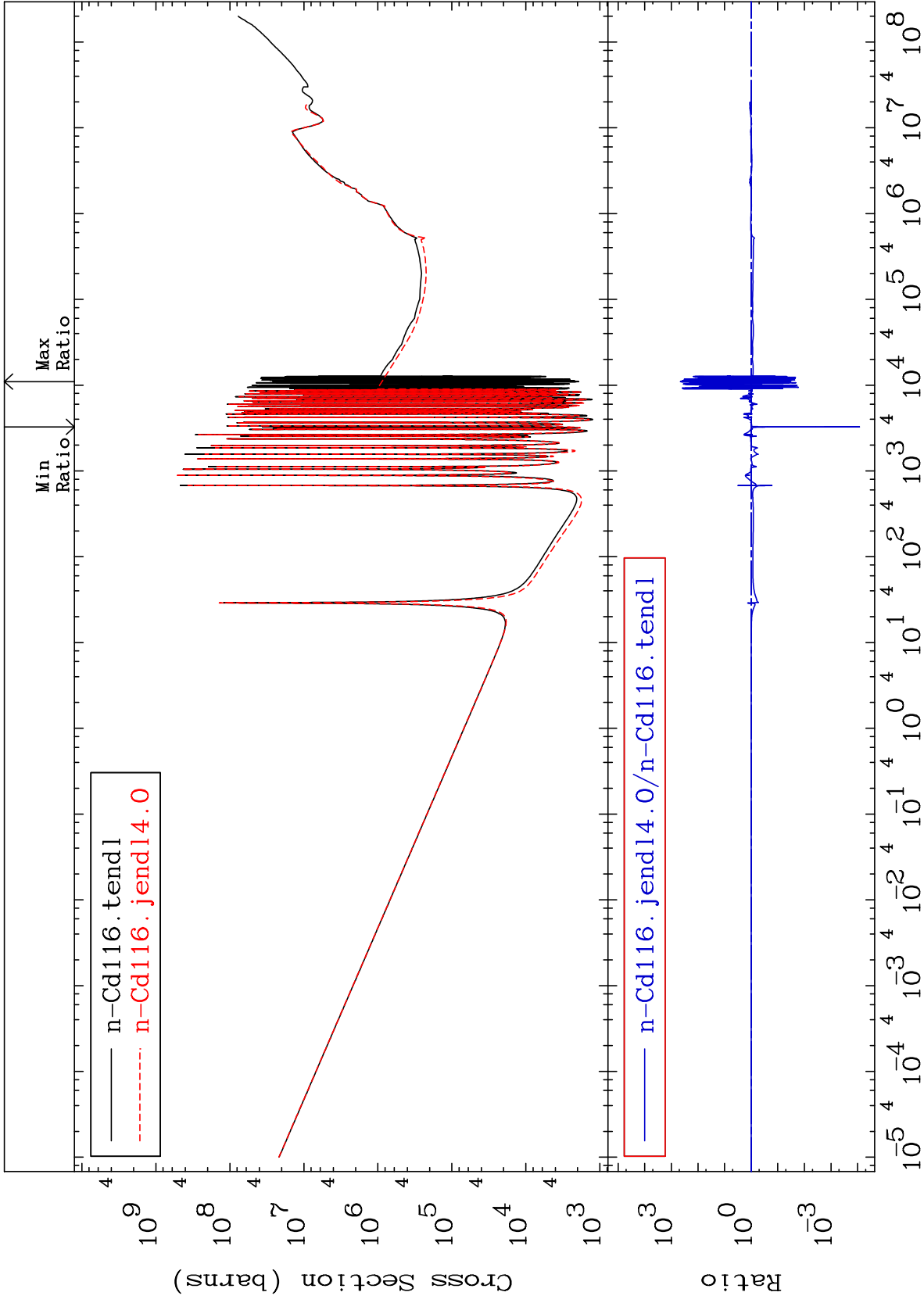






Cross Section

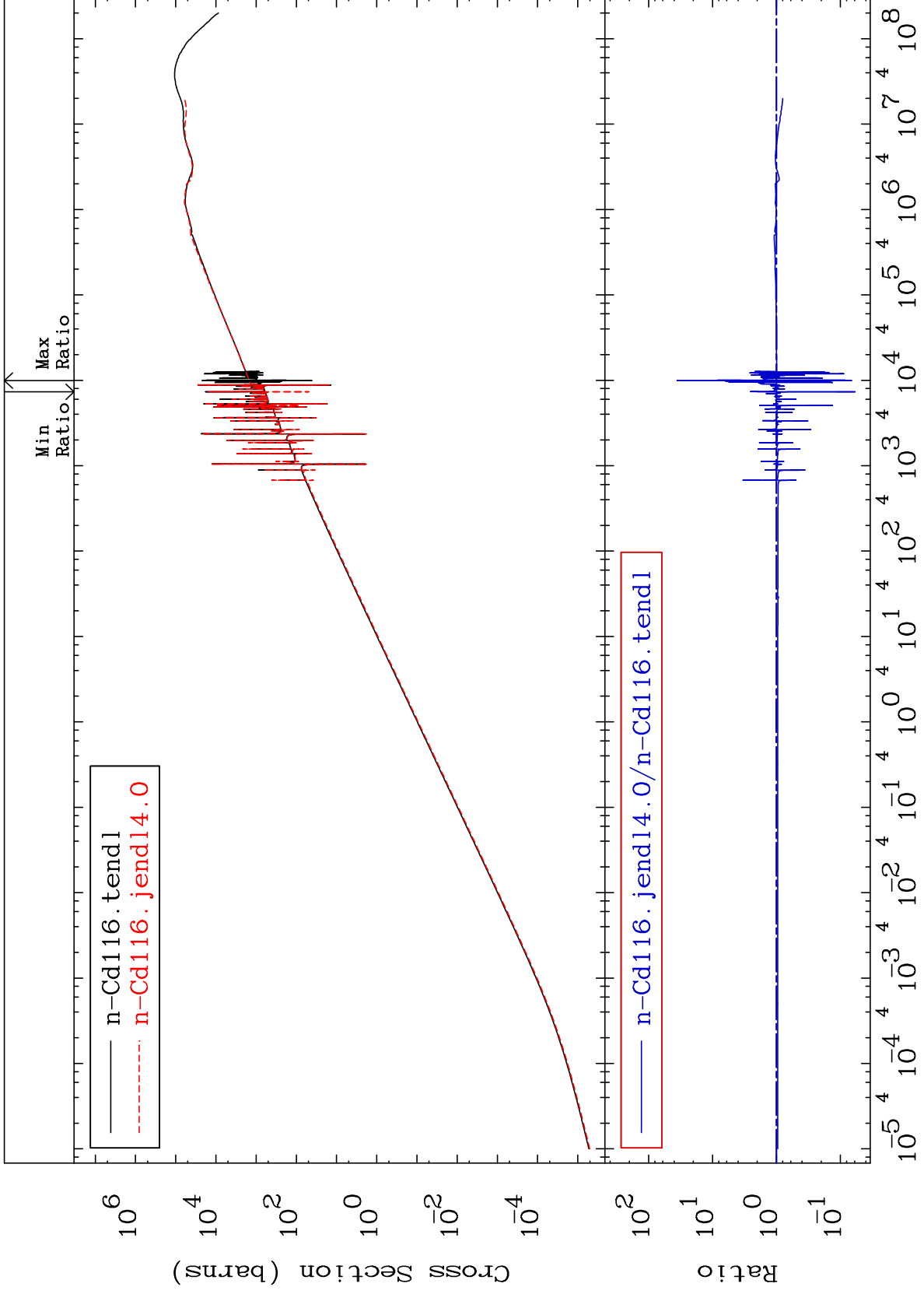
-99.99 To 9999. %

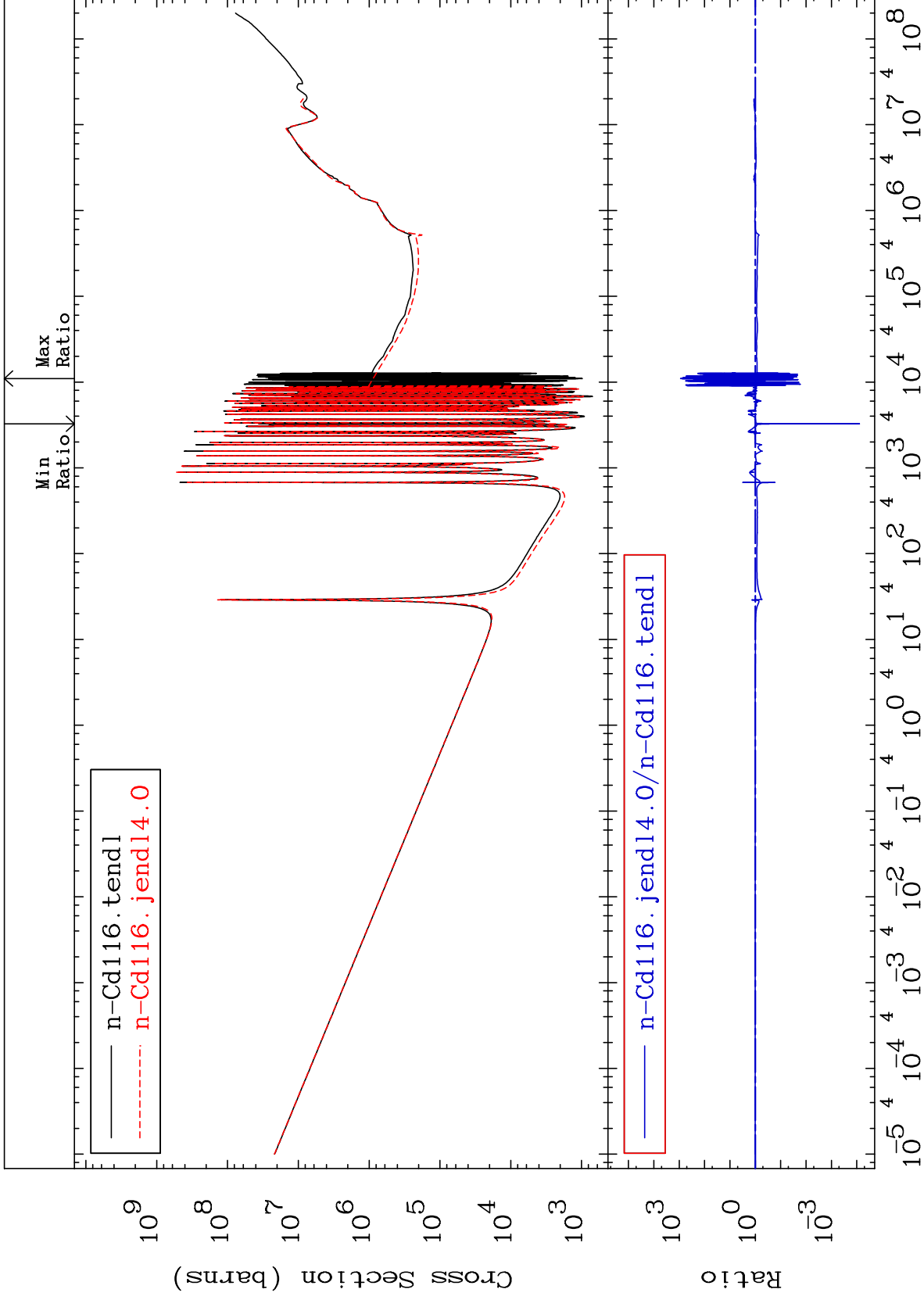


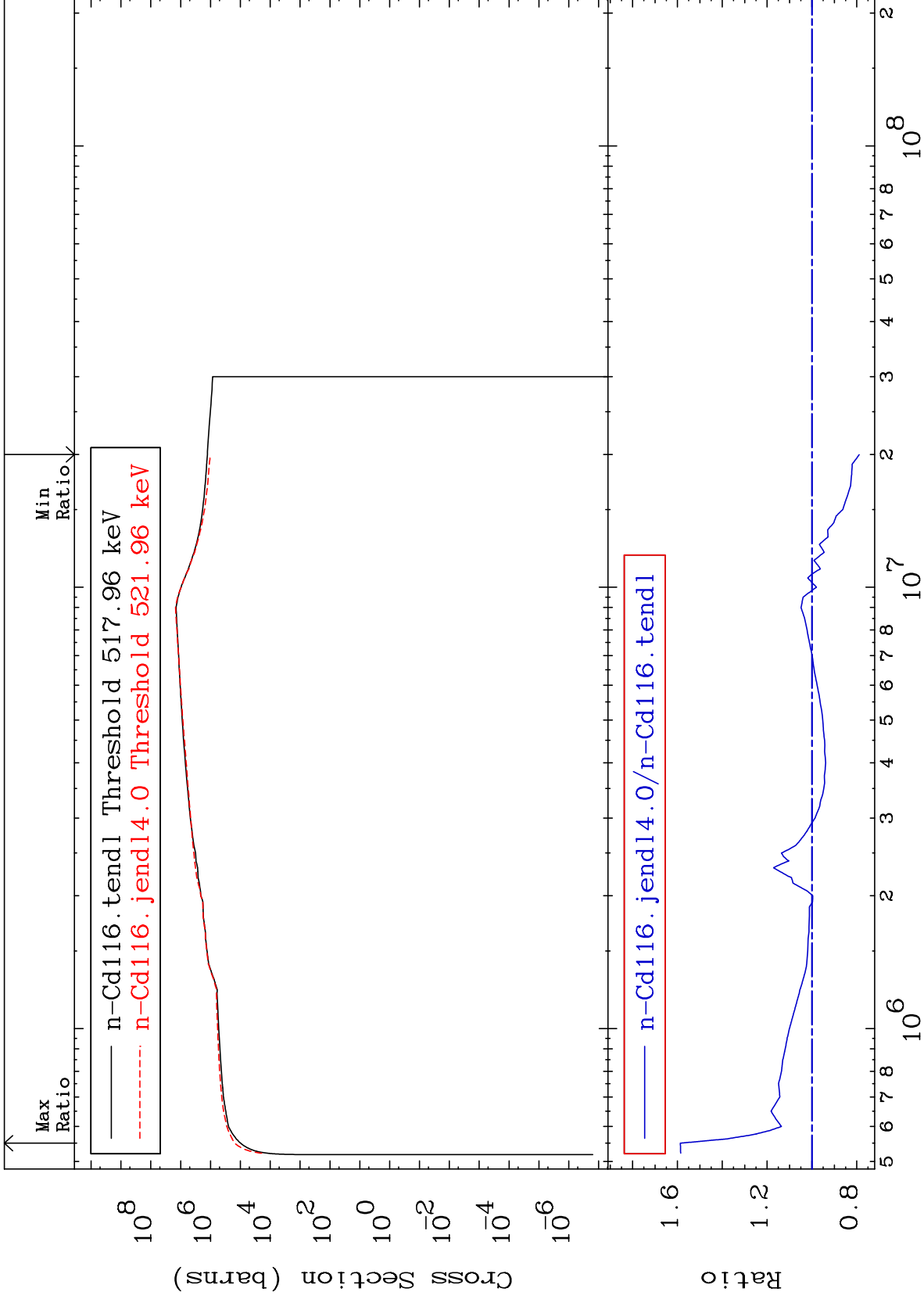
MAT 4855

Kerma elastic
Cross Section

48-Cd-116
-94.10 To 3512. %



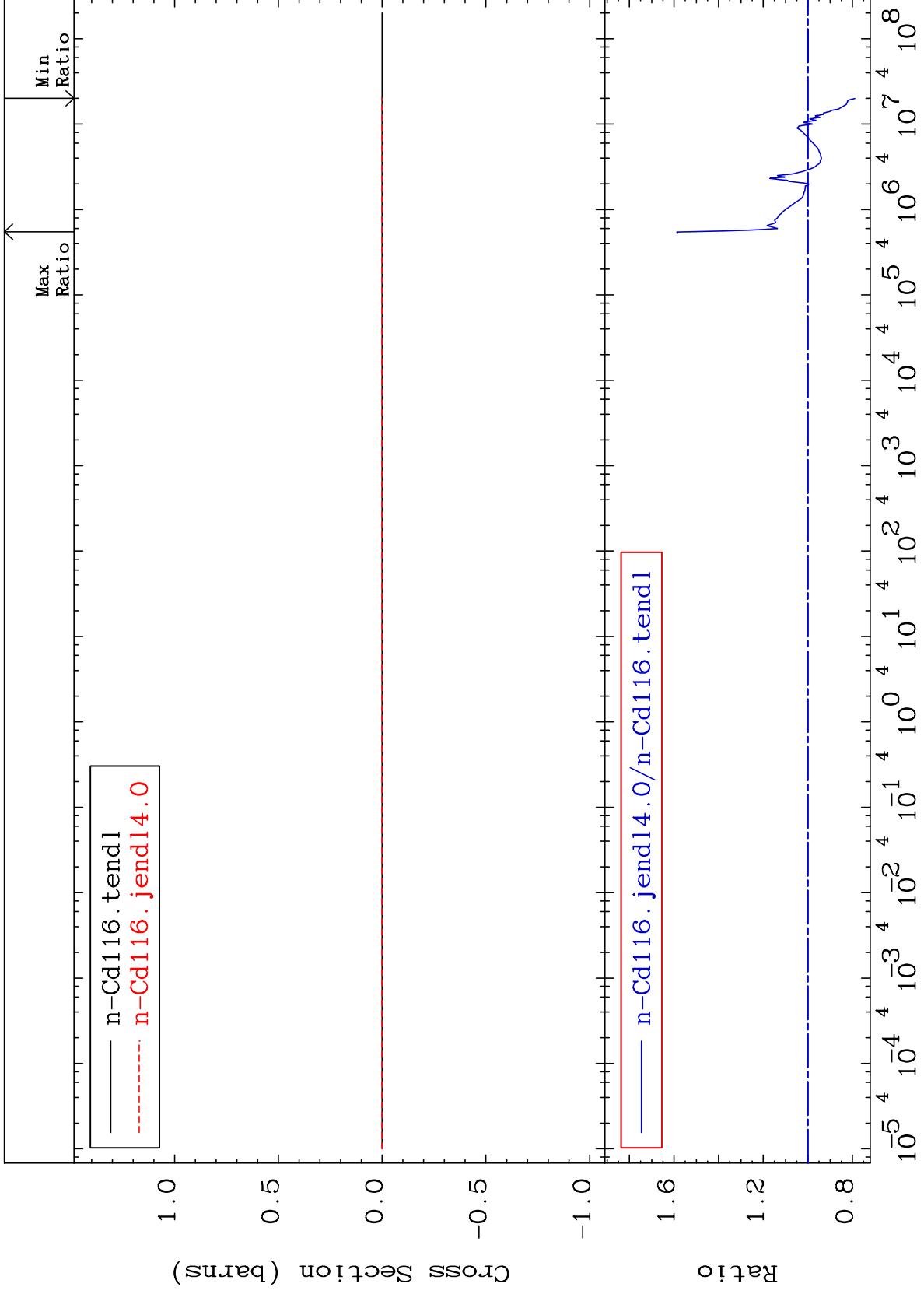




MAT 4855

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

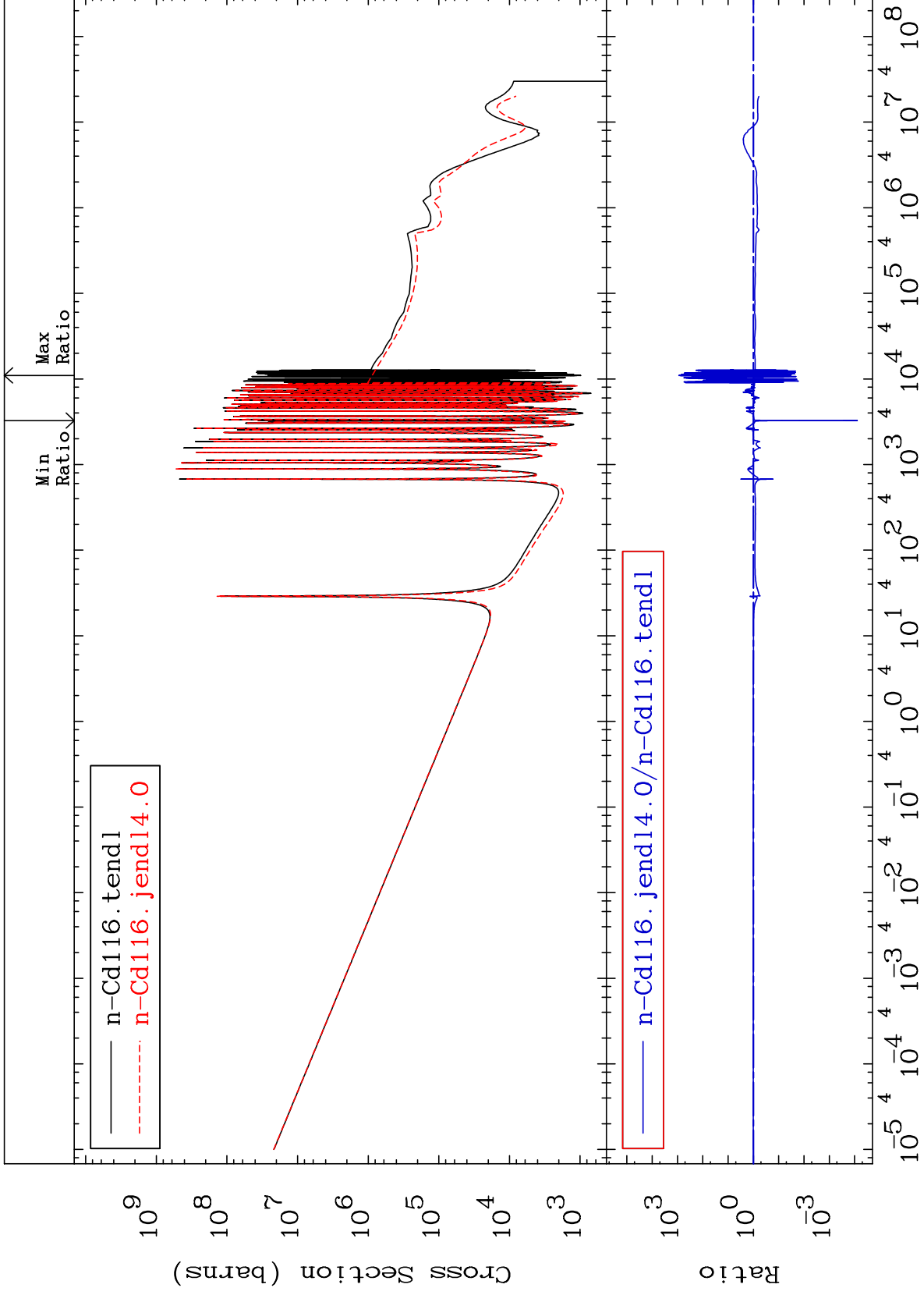
48-Cd-116
-21.17 To 58.72 %



MAT 4855

Kerma capture (mt102)
Cross Section

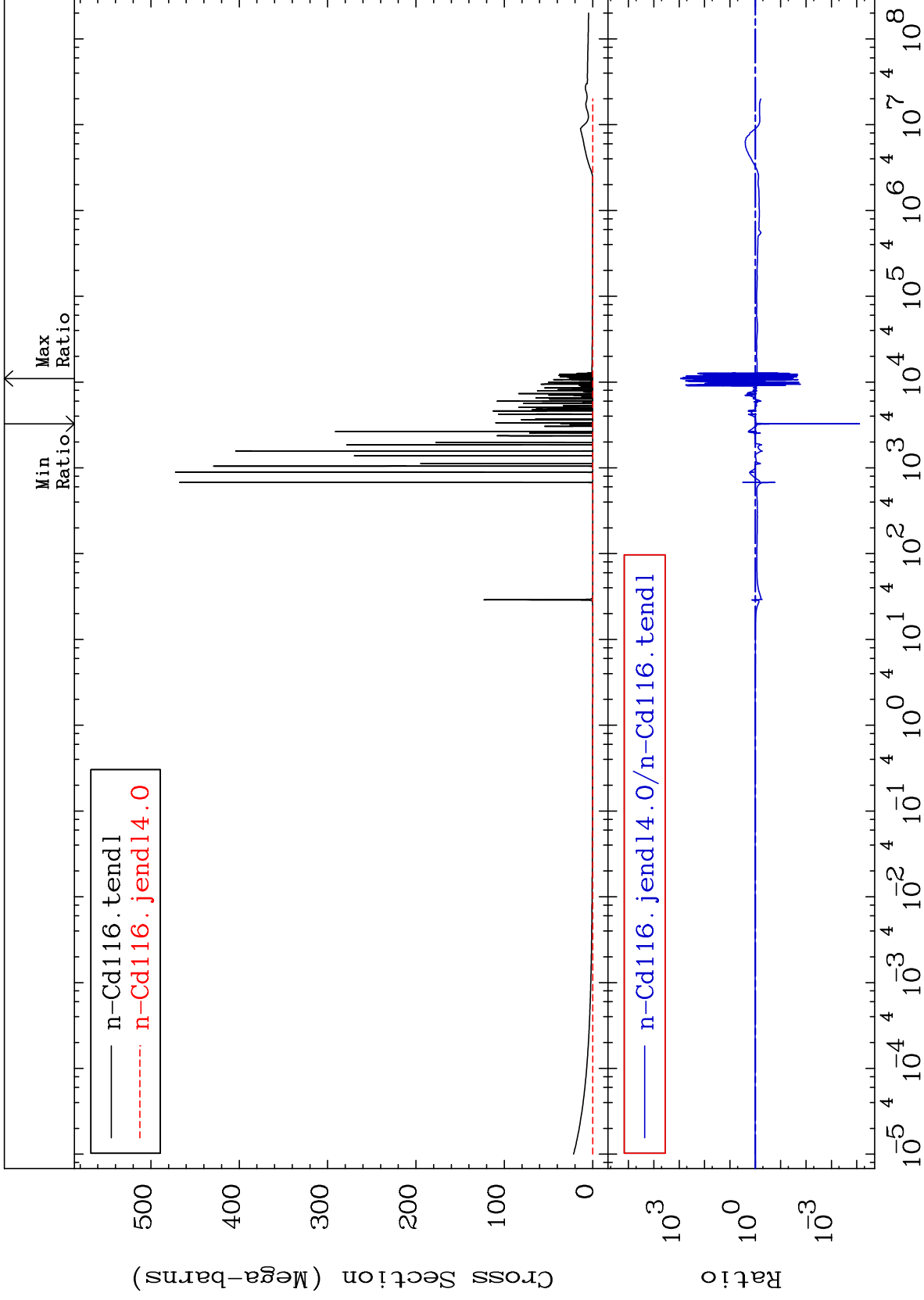
48-Cd-116
-99.99 To 9999. %

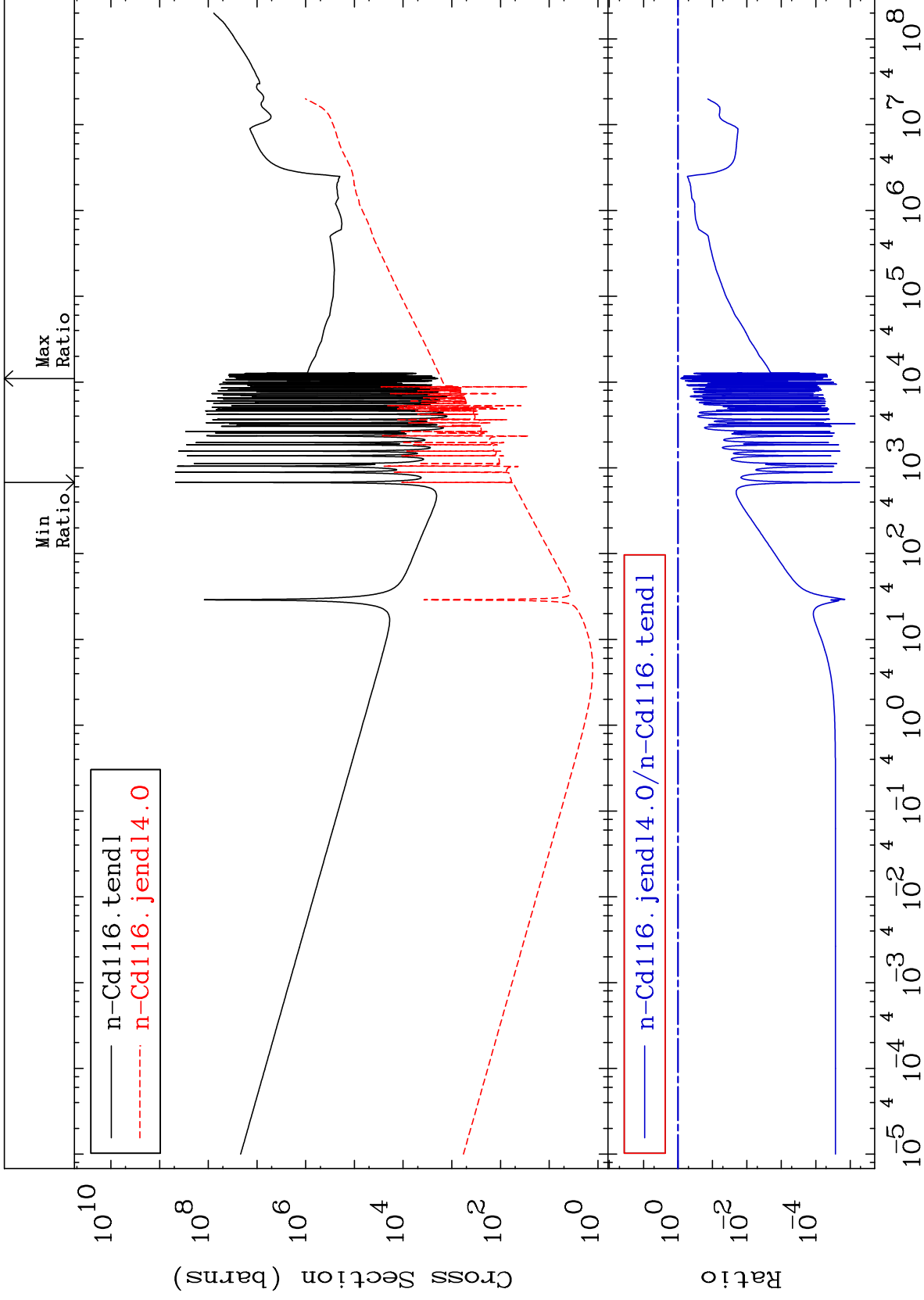


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Incident Energy (eV)

48-Cd-116

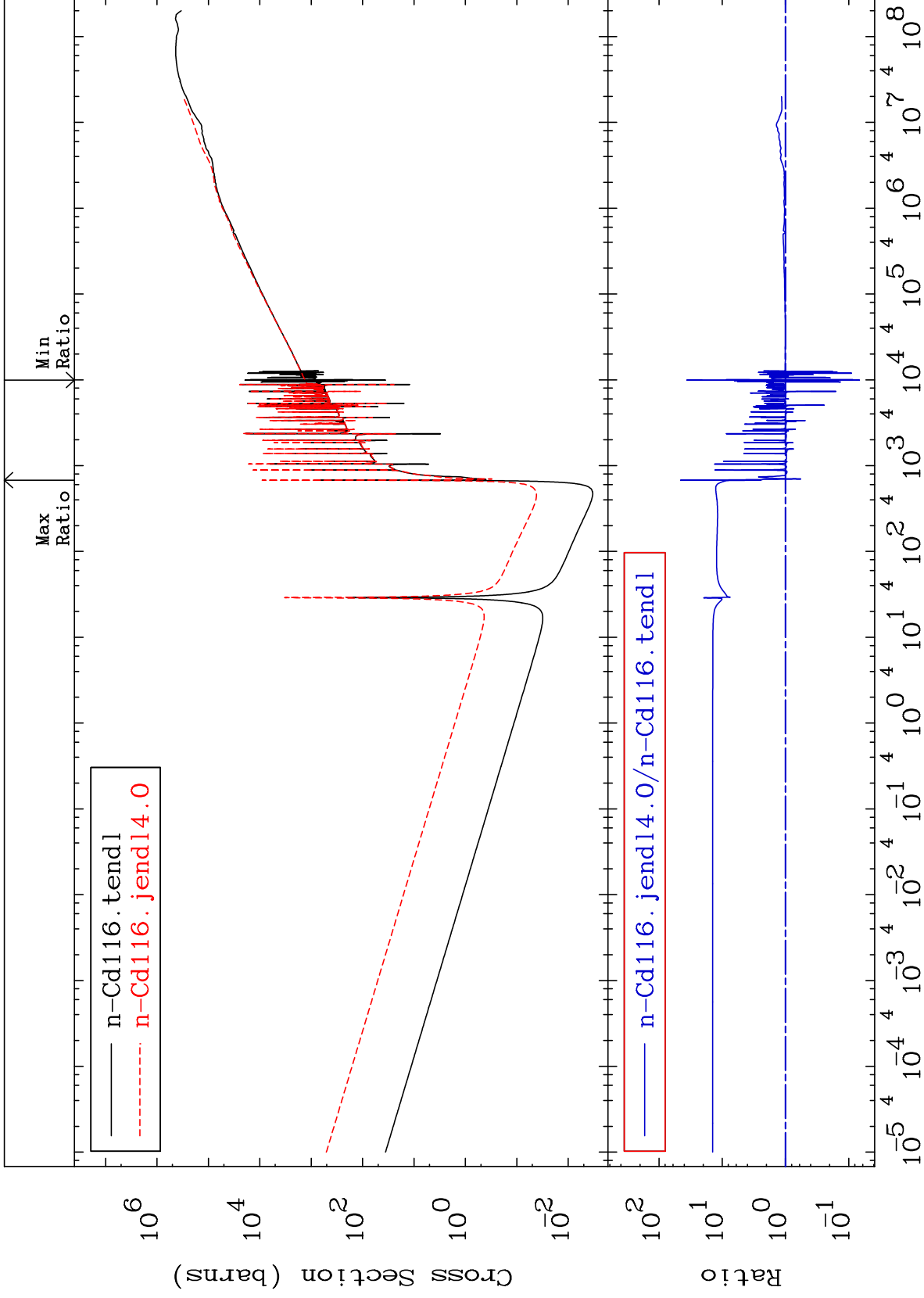




MAT 4855

Dpa total (eV-barns)
Cross Section

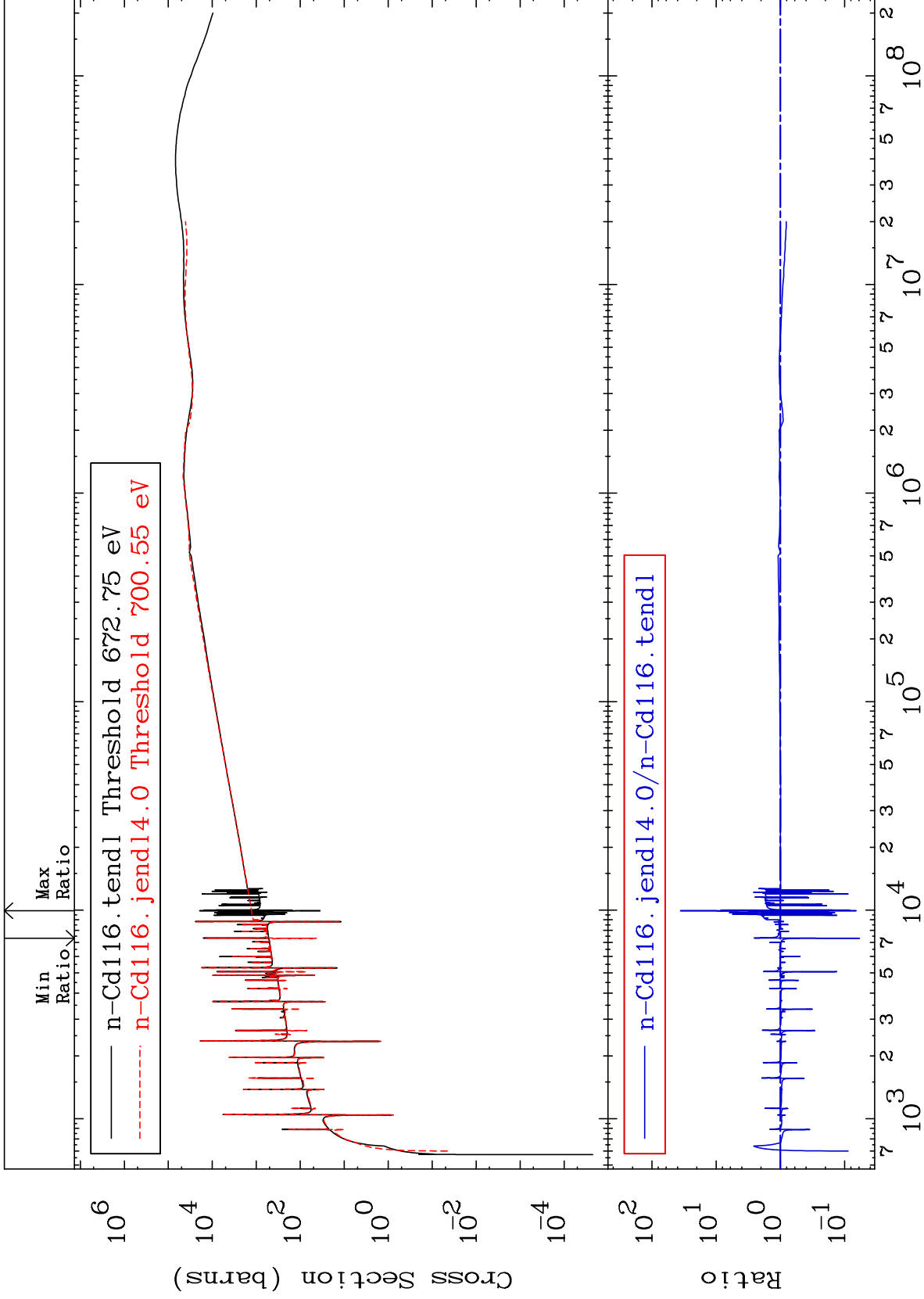
48-Cd-116
-93.23 To 4496. %



40

Incident Energy (eV)

48-Cd-116



MAT 4855

Dpa inelastic (mt51-91)
Cross Section

48-Cd-116
3.178 To 165.2 %

