

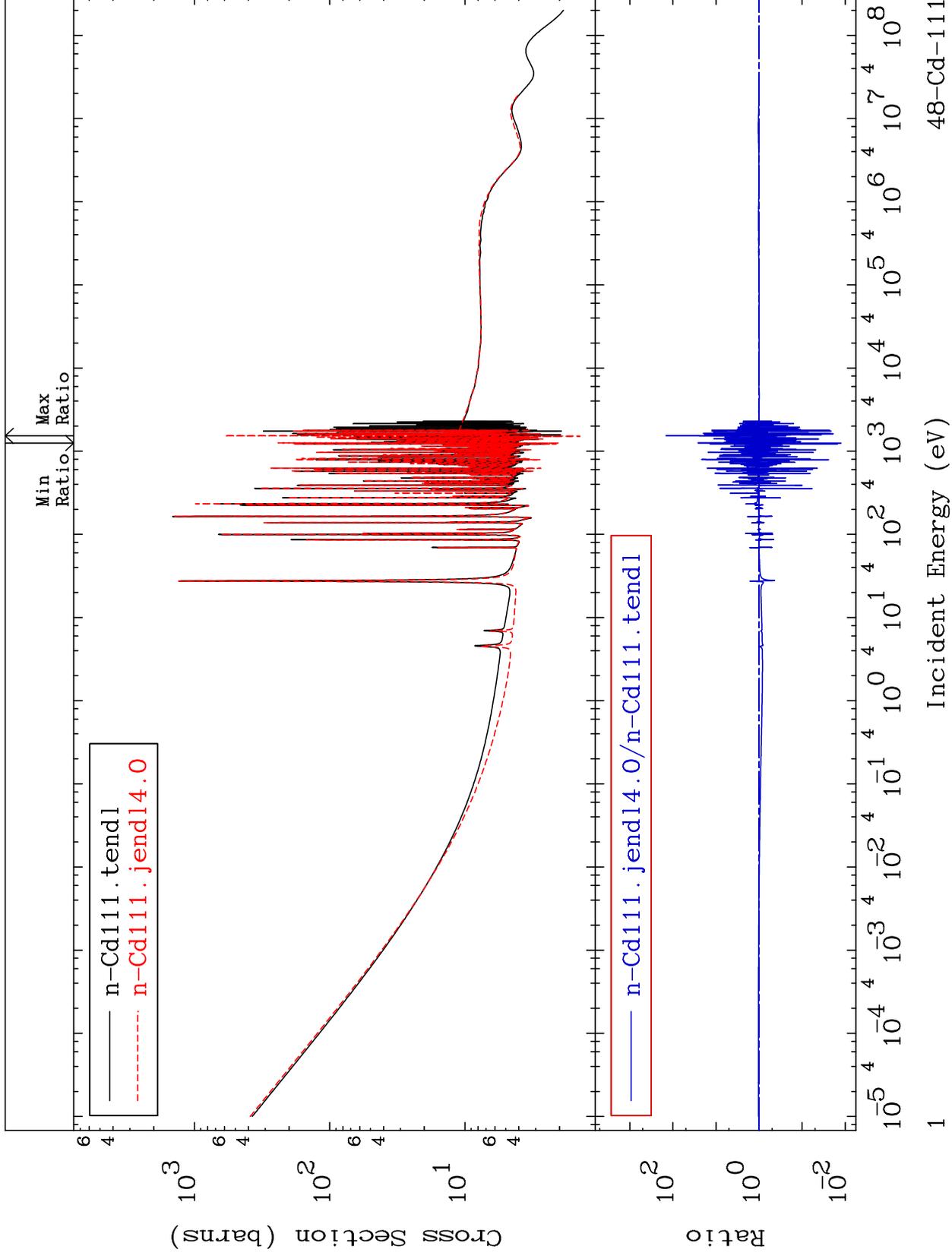
MAT 4840

Total

48-Cd-111

Cross Section

-98.75 To 9999. %



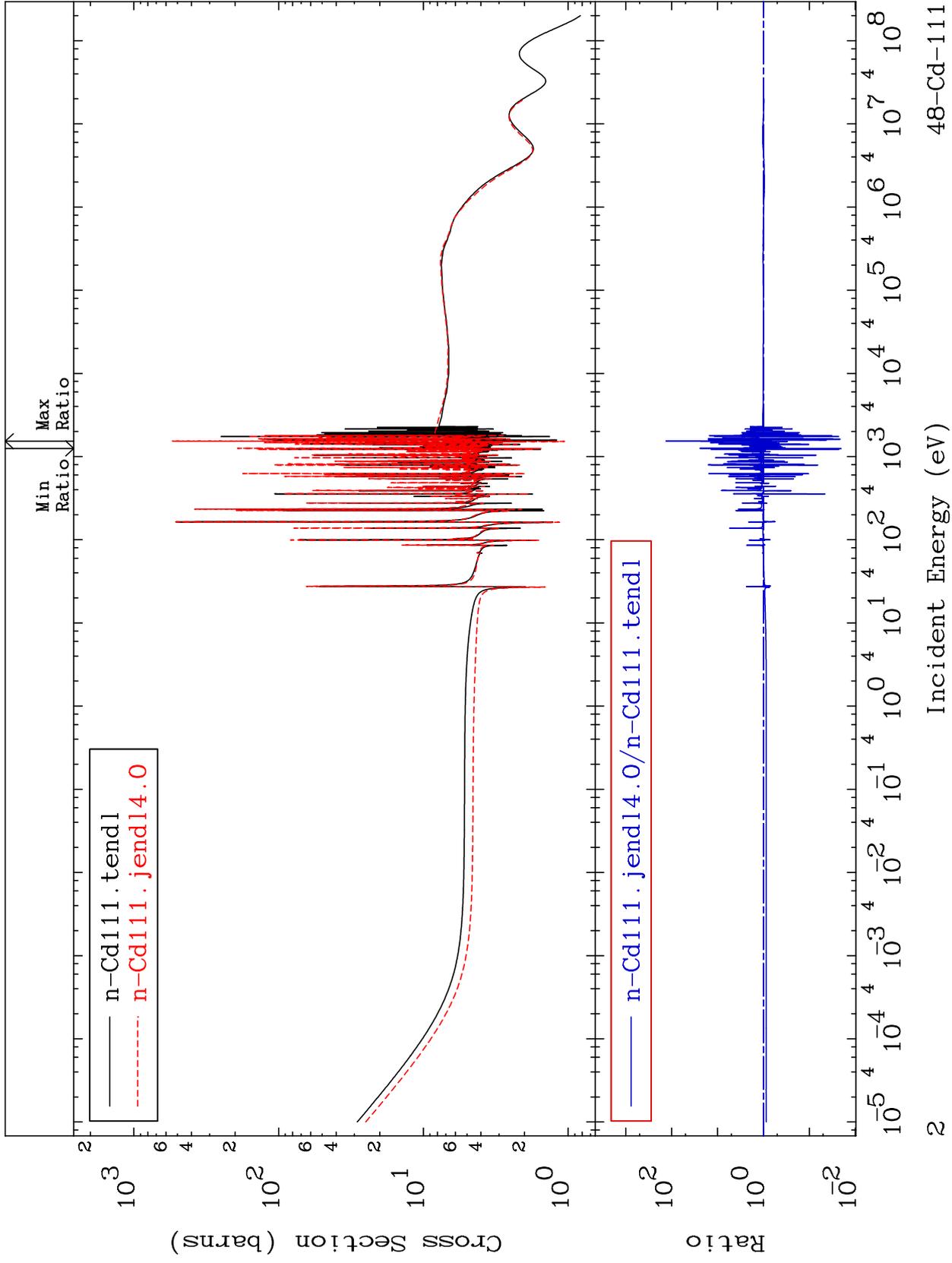
Incident Energy (eV)

48-Cd-111

MAT 4840

Elastic
Cross Section

48-Cd-111
-97.96 To 9999. %

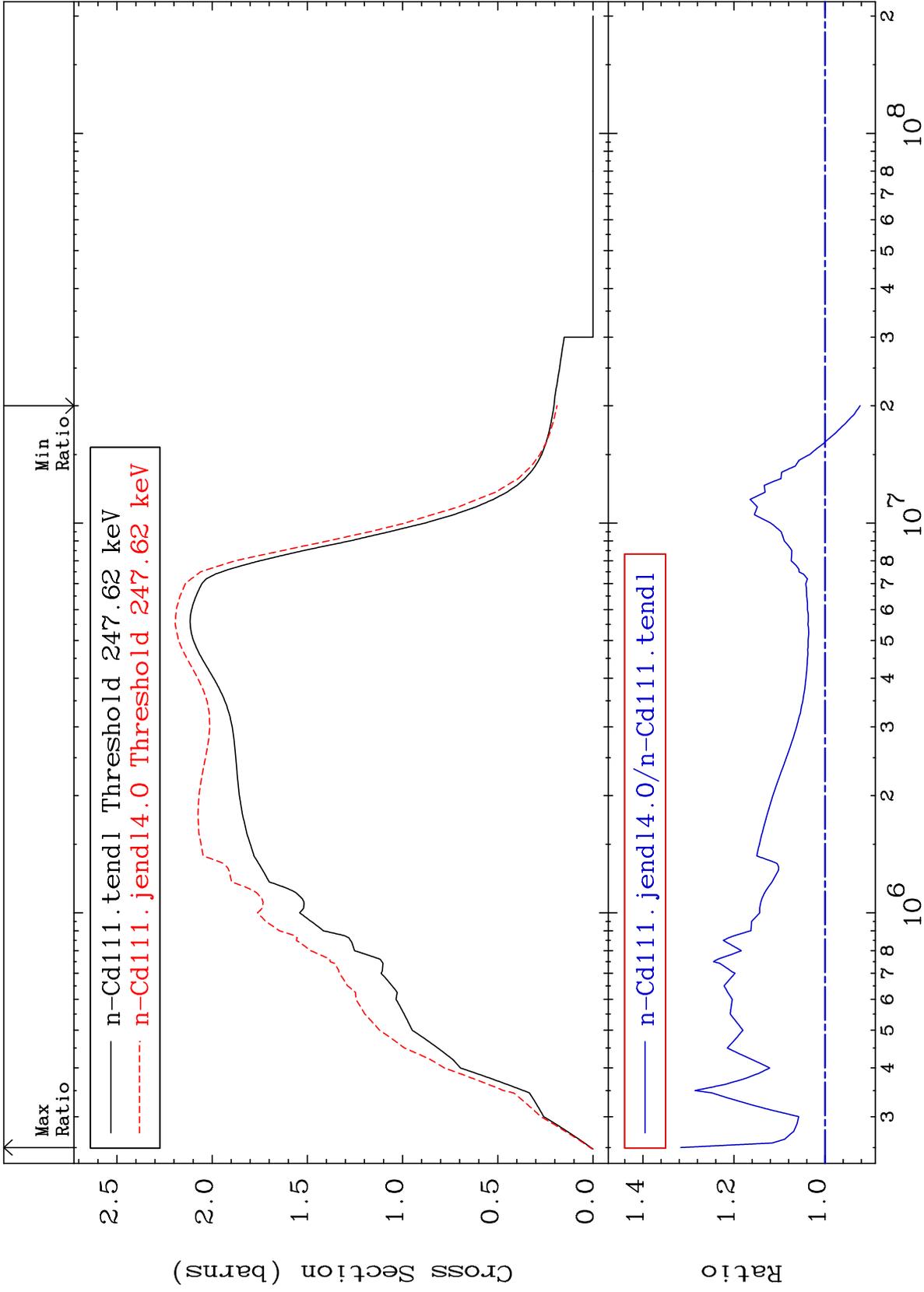


48-Cd-111

MAT 4840

Inelastic
Cross Section

48-Cd-111
-7.707 To 31.68 %



3

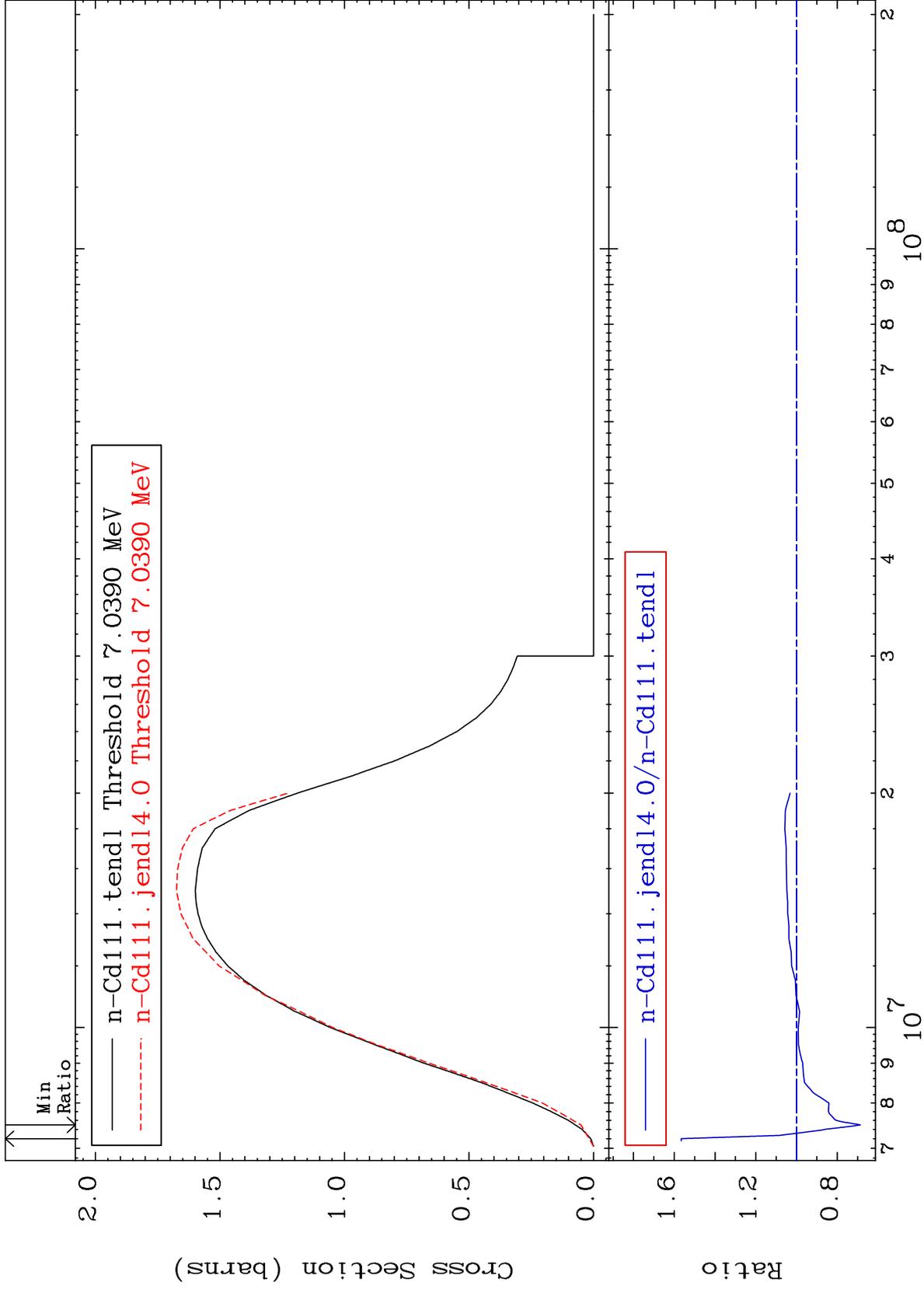
Incident Energy (eV)

48-Cd-111

MAT 4840

(n,2n)
Cross Section

48-Cd-111
-31.22 To 56.59 %



4

Incident Energy (eV)

48-Cd-111

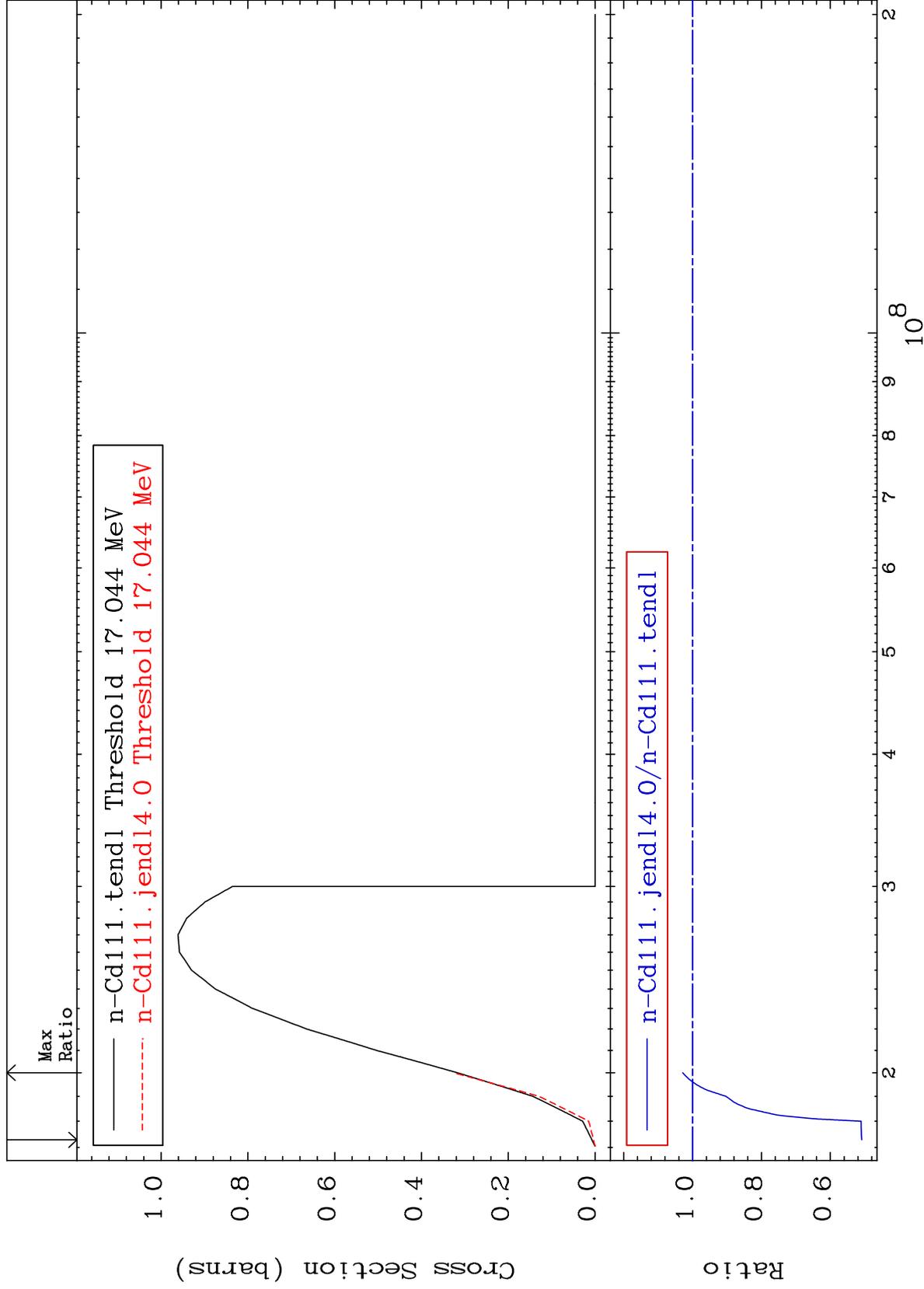
MAT 4840

(n,3n)

48-Cd-111

Cross Section

-49.11 To 2.869 %



5

48-Cd-111

48-Cd-111

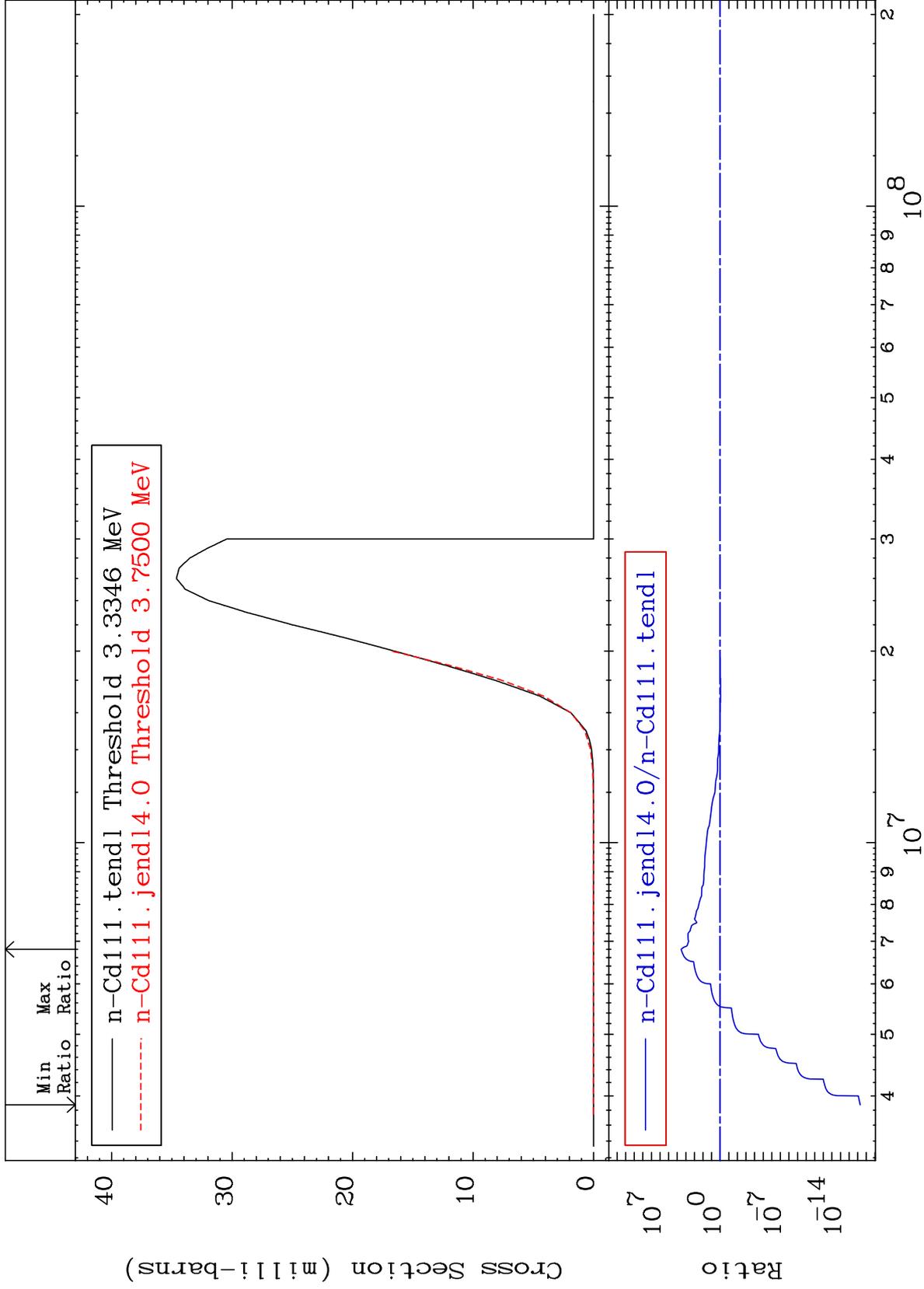
MAT 4840

(n, n') α

48-Cd-111

Cross Section

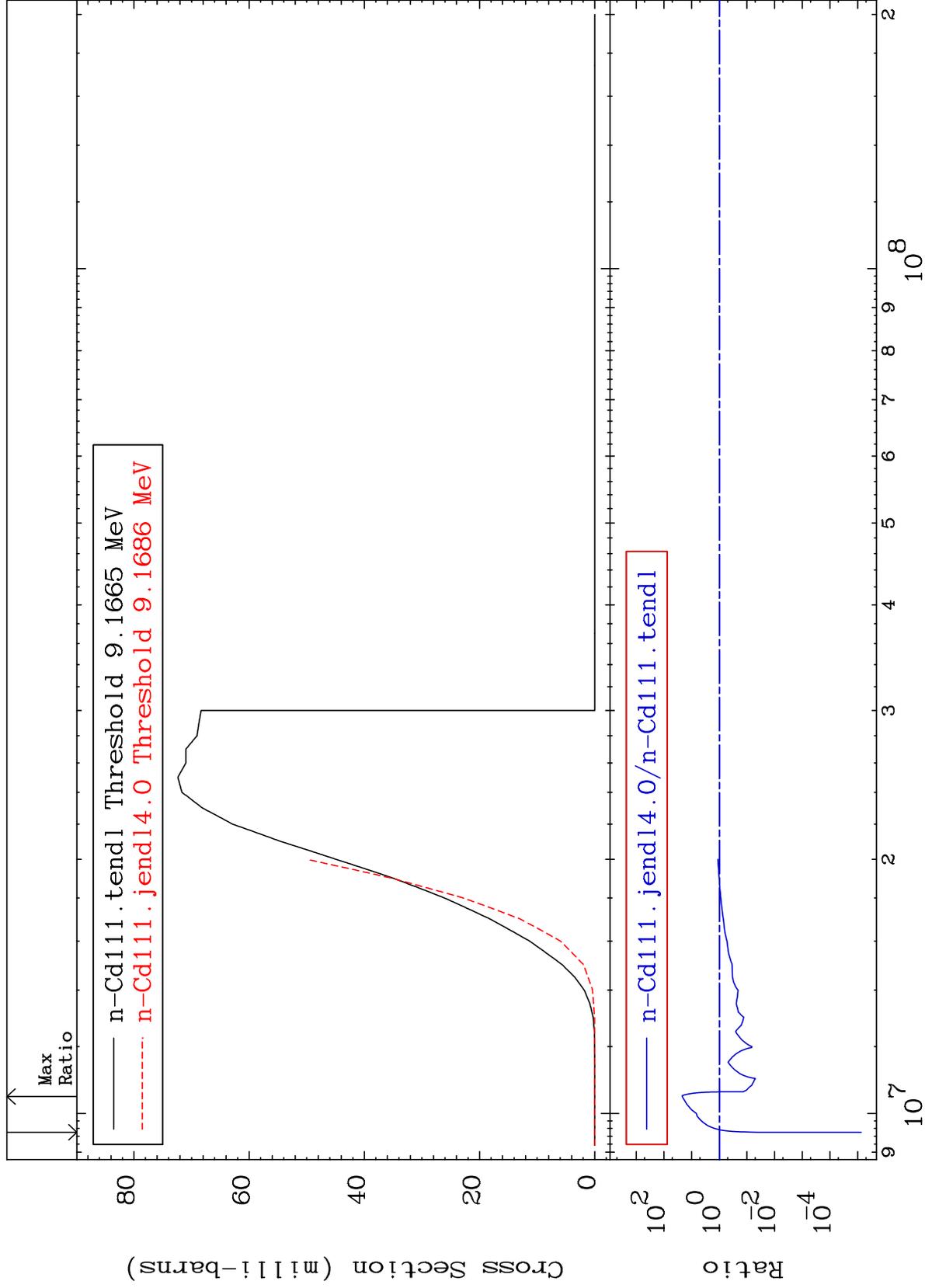
-100.0 To 9999. %



MAT 4840

(n,n') p
Cross Section

48-Cd-111
-100.0 To 2058. %



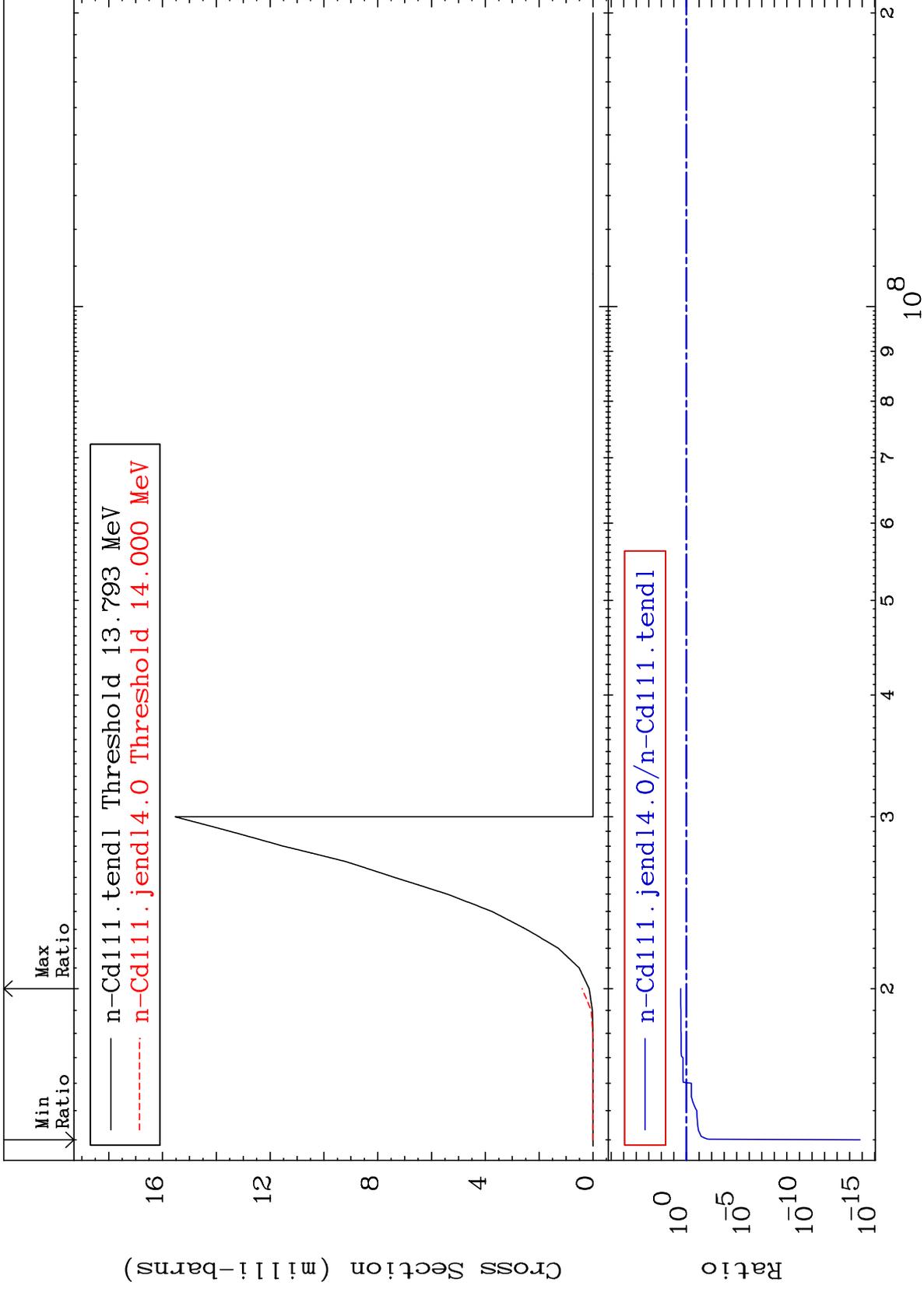
Incident Energy (eV)

48-Cd-111

MAT 4840

(n,n') d
Cross Section

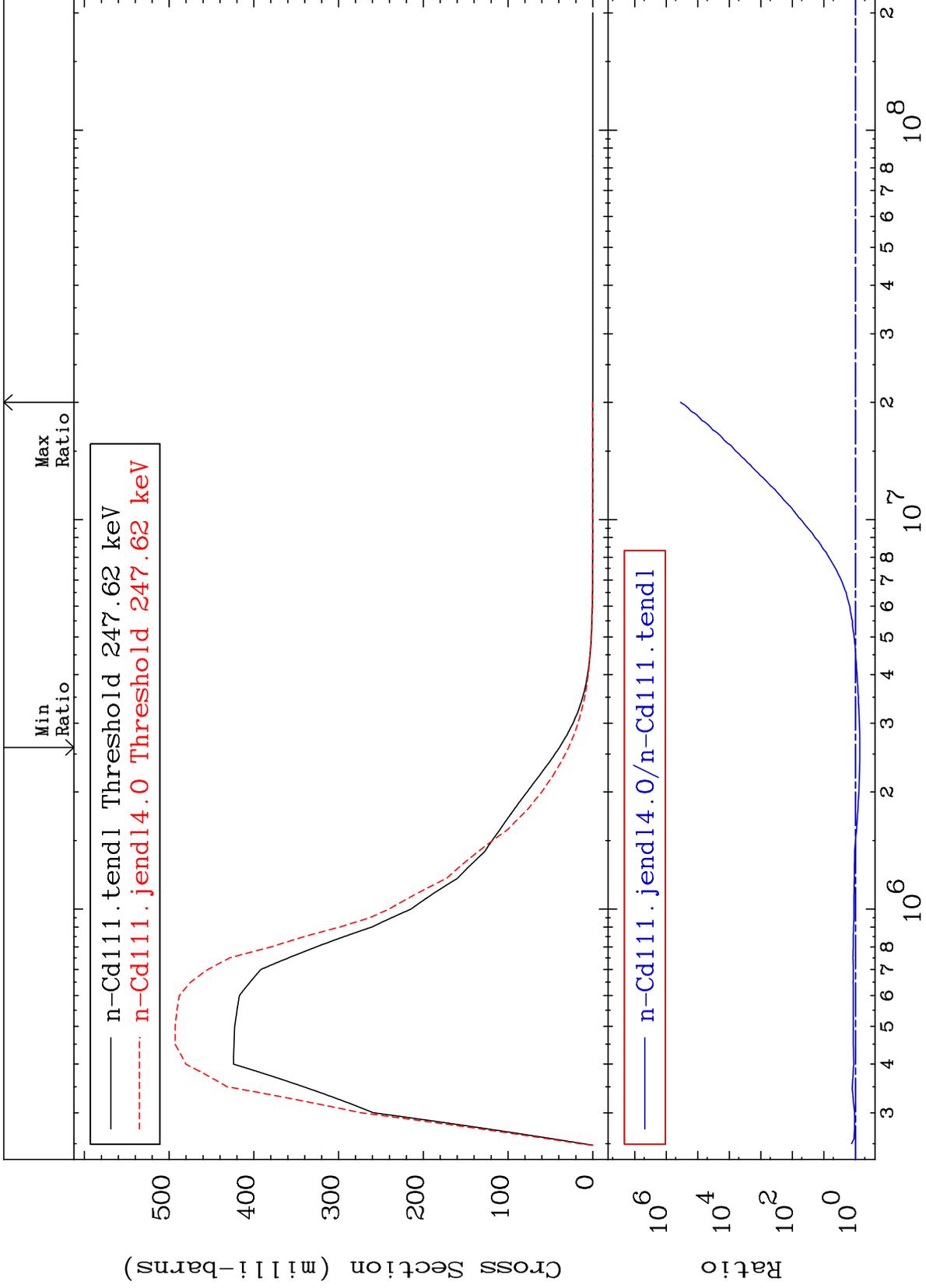
48-Cd-111
-100.0 To 183.6 %



MAT 4840

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

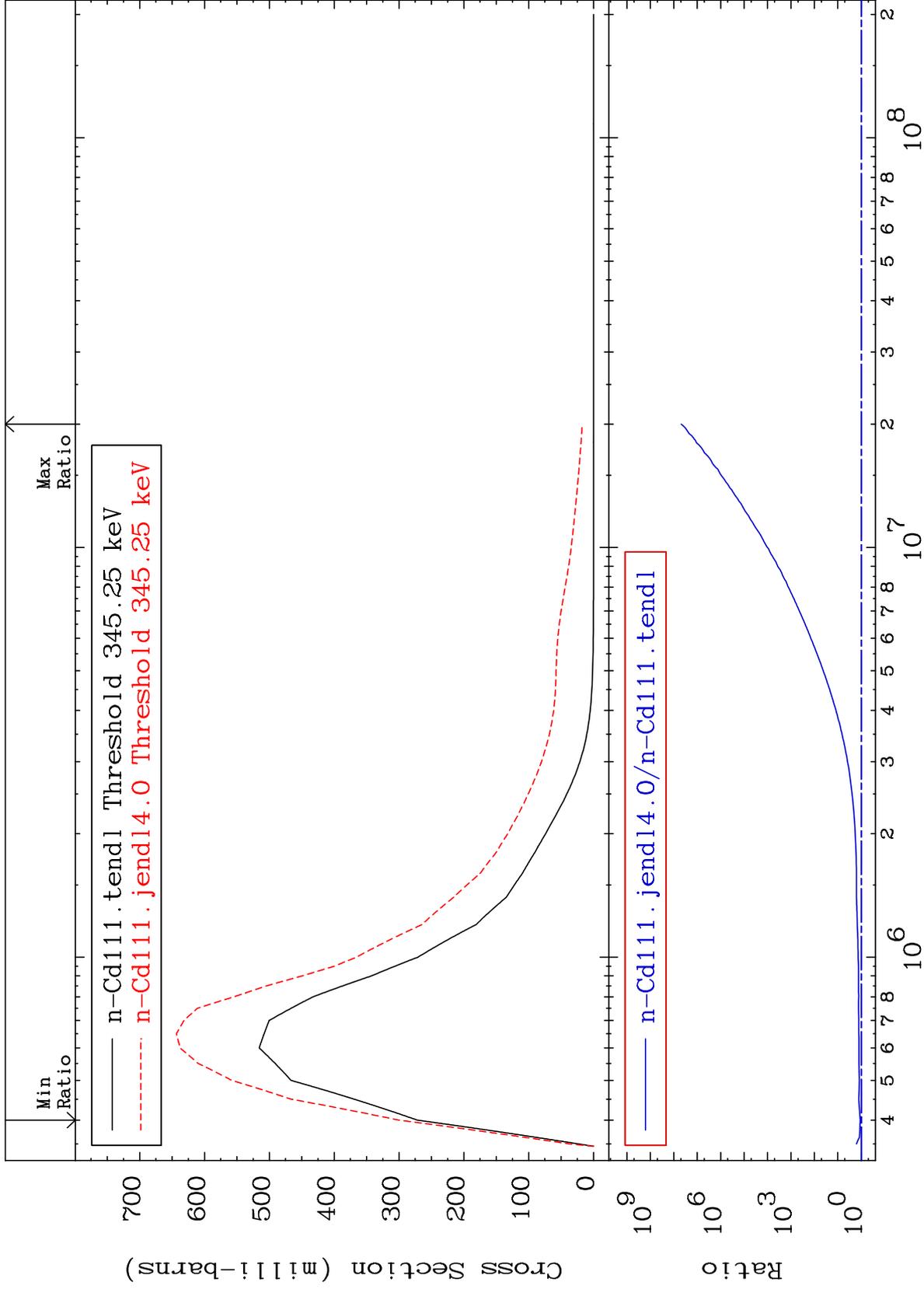
48-Cd-111
-27.45 To 9999. %



MAT 4840

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

48-Cd-111
10.40 To 9999. %



10

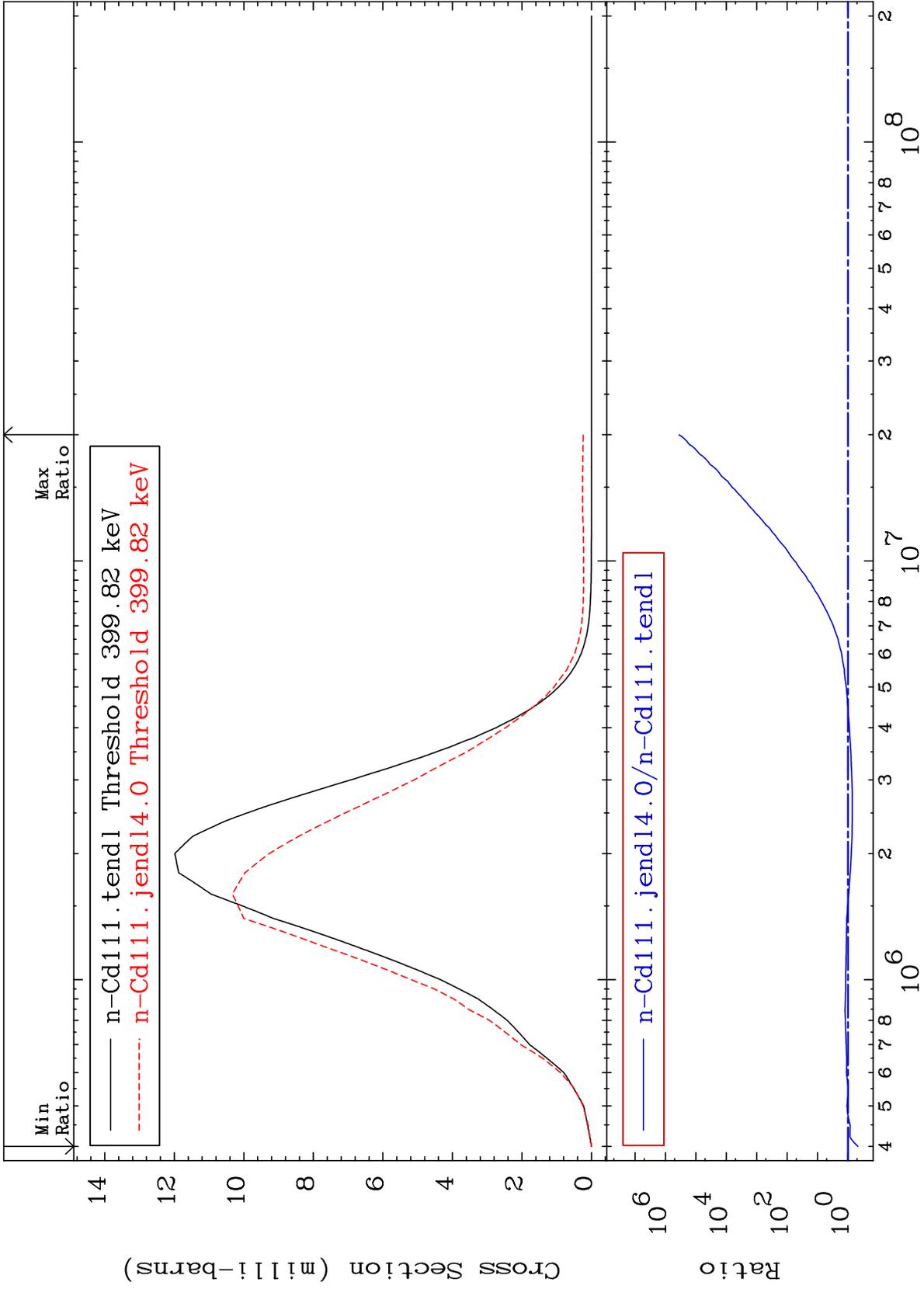
Incident Energy (eV)

48-Cd-111

MAT 4840

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

48-Cd-111
-53.09 To 9999. %



11

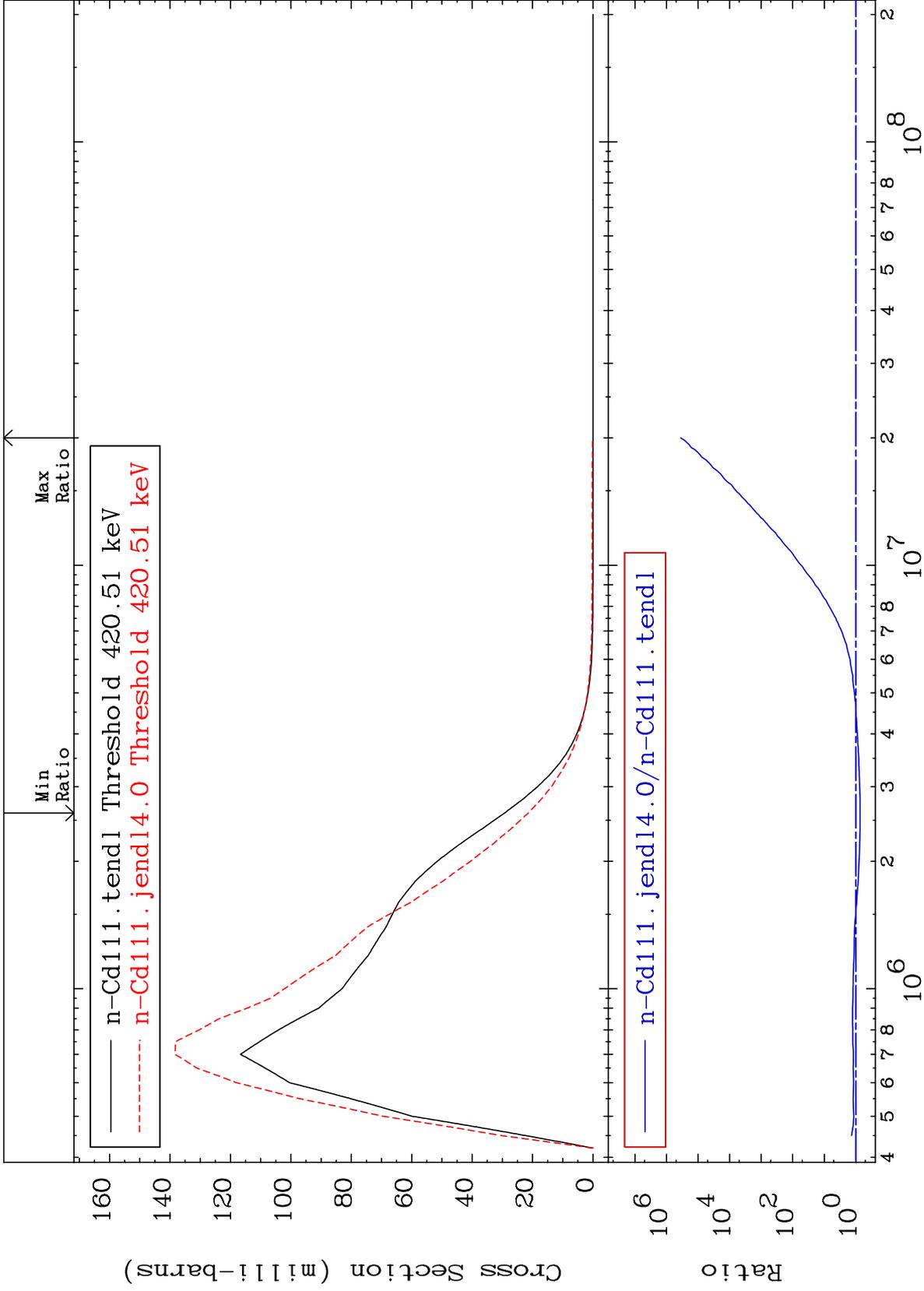
Incident Energy (eV)

48-Cd-111

MAT 4840

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

48-Cd-111
-26.78 To 9999. %



12

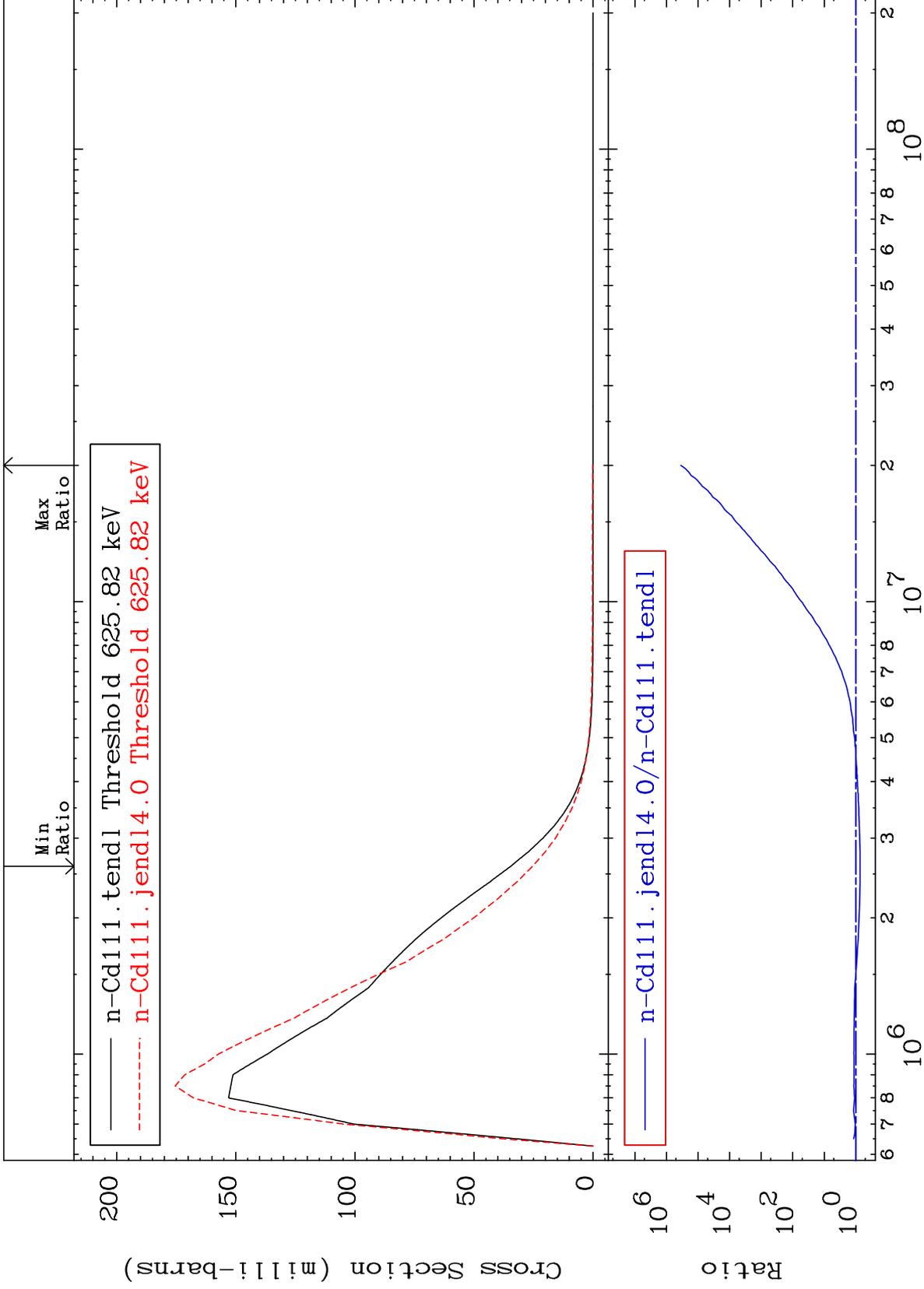
Incident Energy (eV)

48-Cd-111

MAT 4840

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

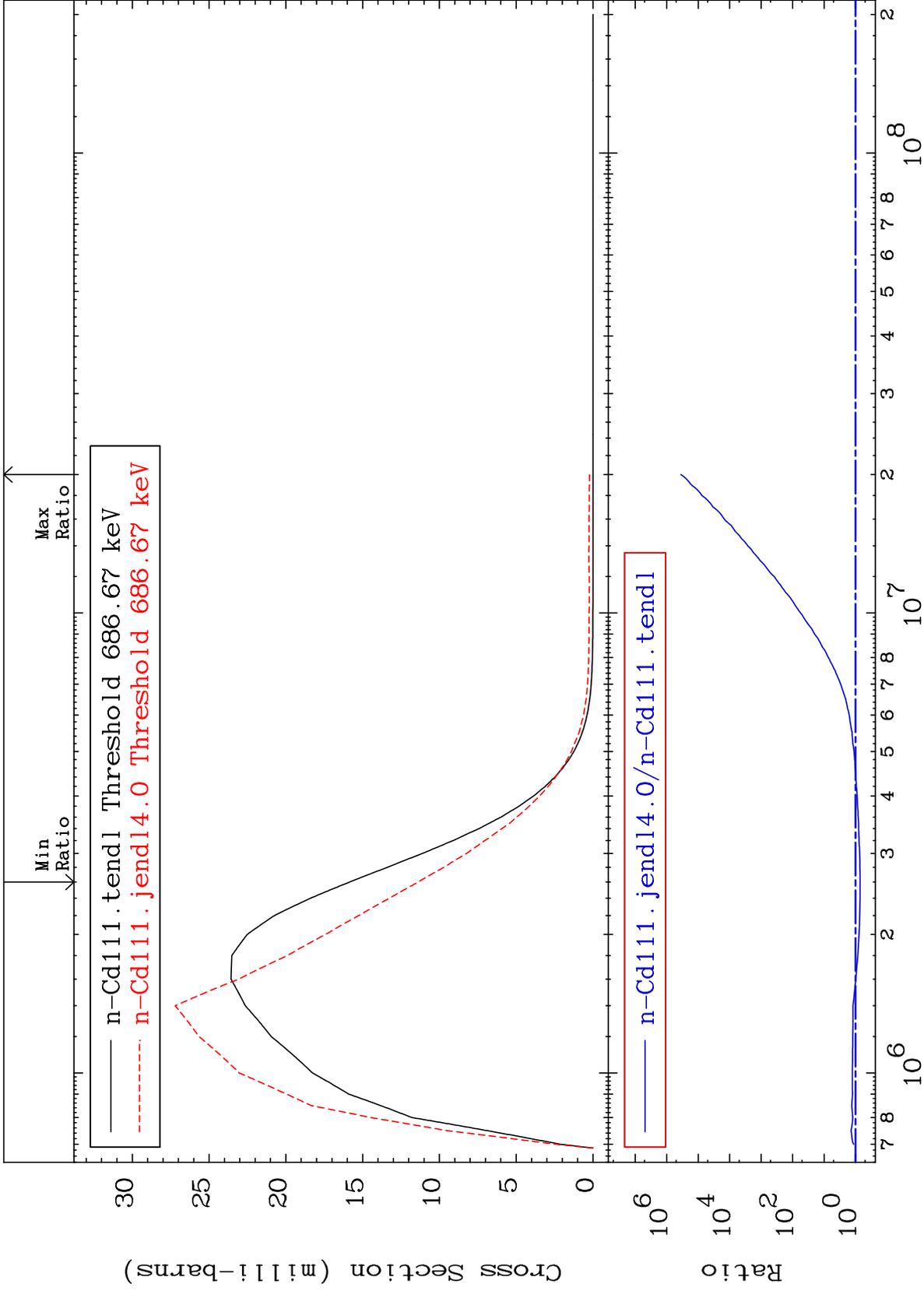
48-Cd-111
-26.70 To 9999. %



MAT 4840

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

48-Cd-111
-28.16 To 9999. %



14

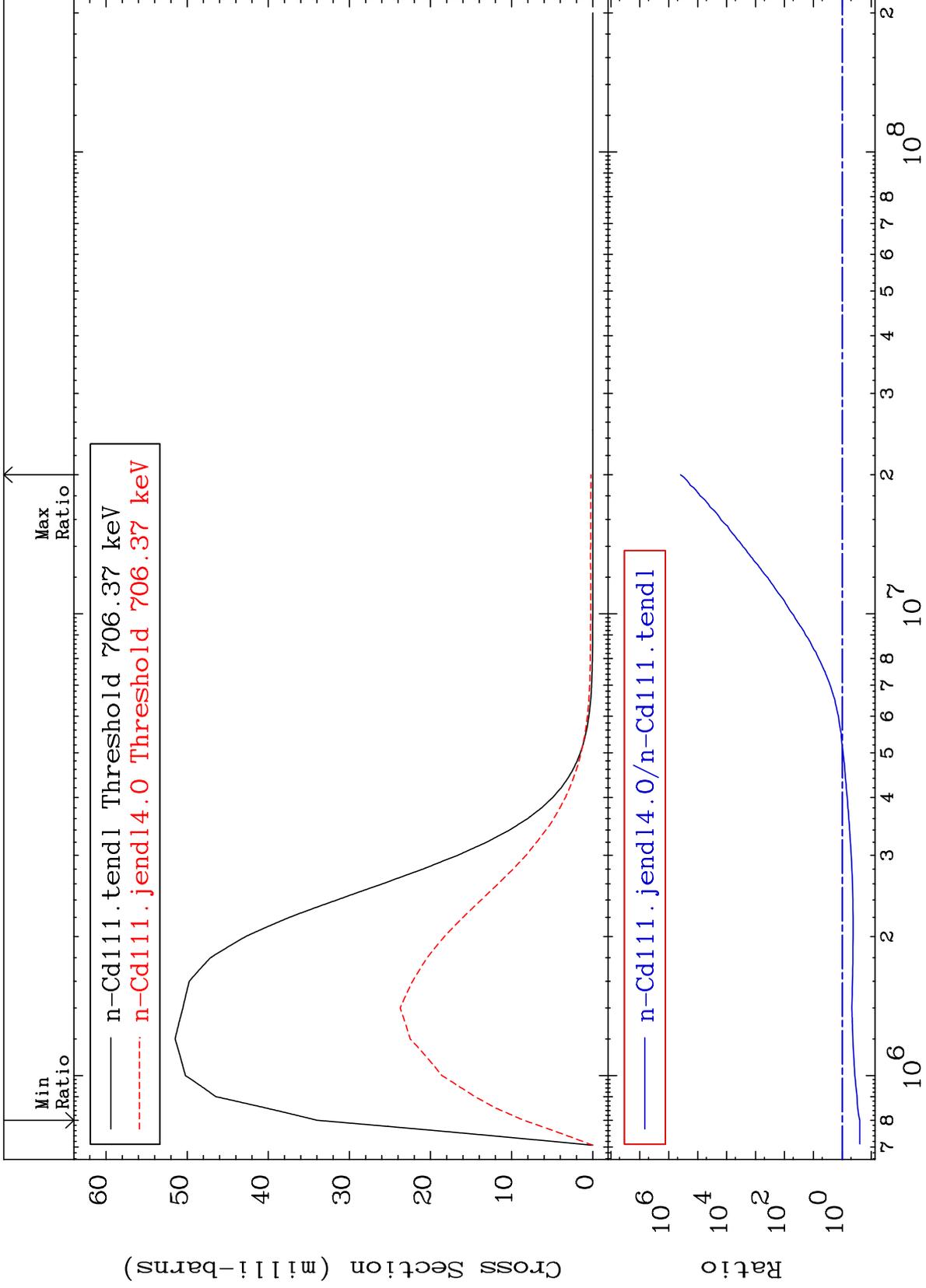
Incident Energy (eV)

48-Cd-111

MAT 4840

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

48-Cd-111
-74.95 To 9999. %



15

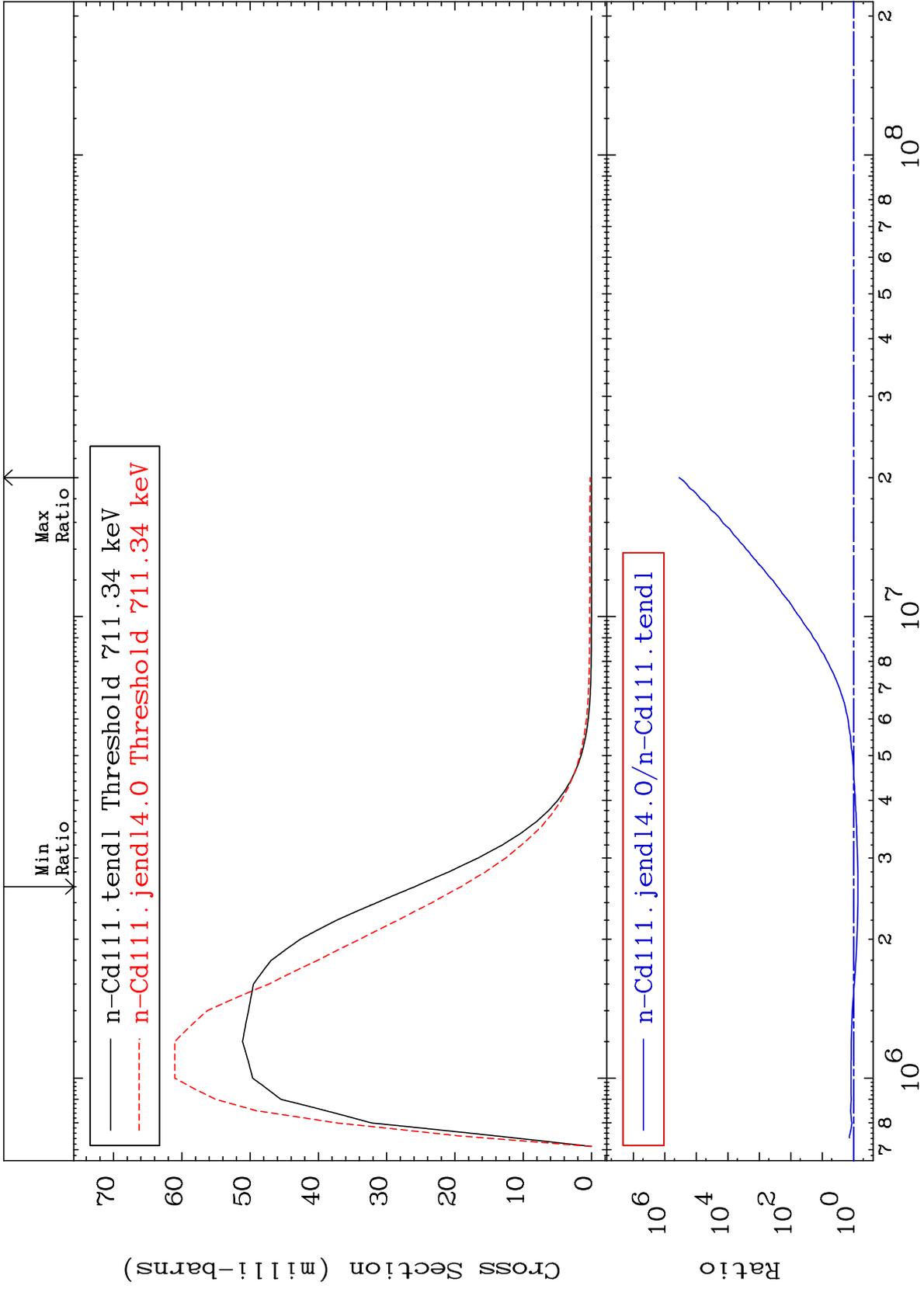
Incident Energy (eV)

48-Cd-111

MAT 4840

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

48-Cd-111
-26.16 To 9999. %



16

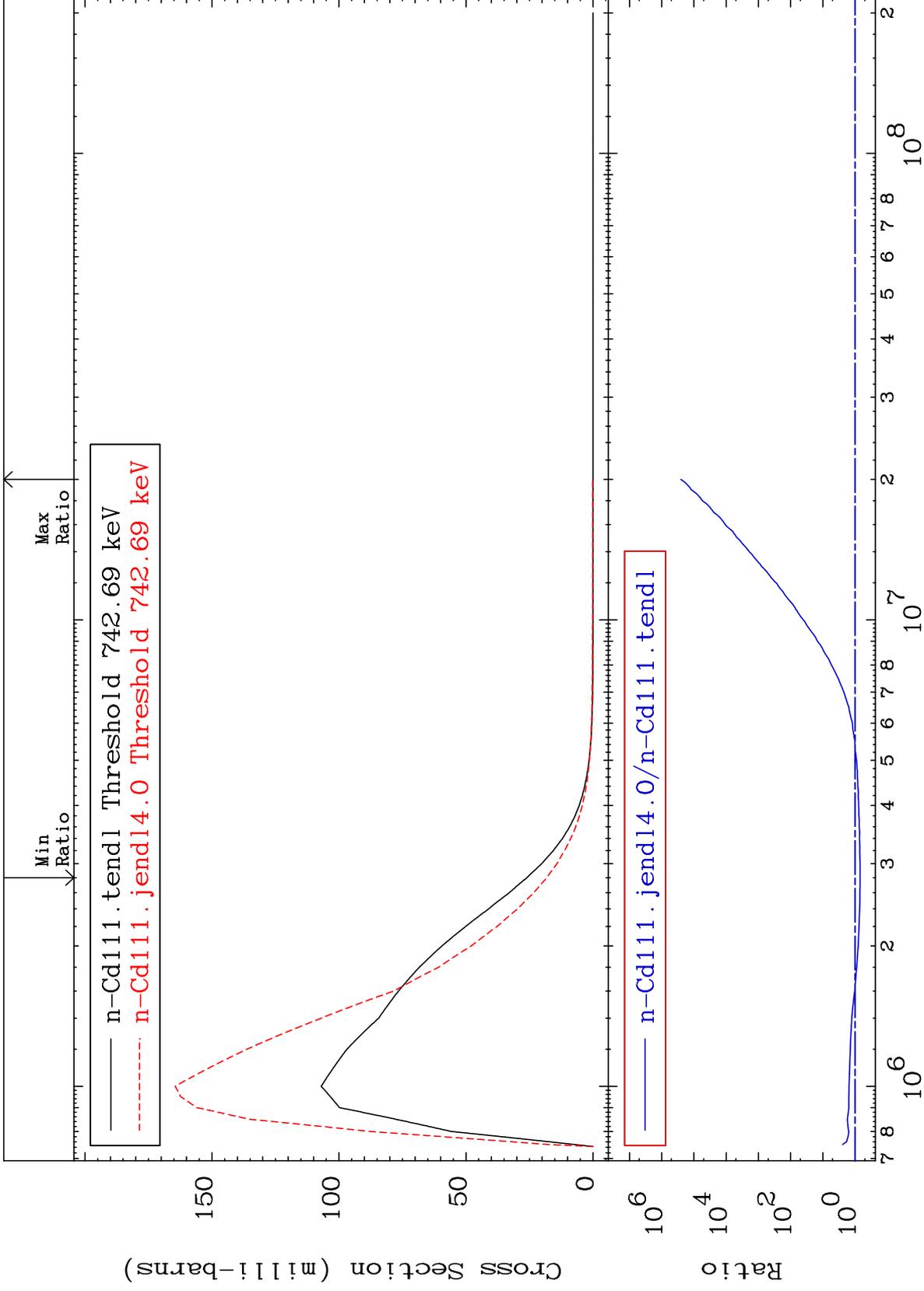
Incident Energy (eV)

48-Cd-111

MAT 4840

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

48-Cd-111
-30.03 To 9999. %



17

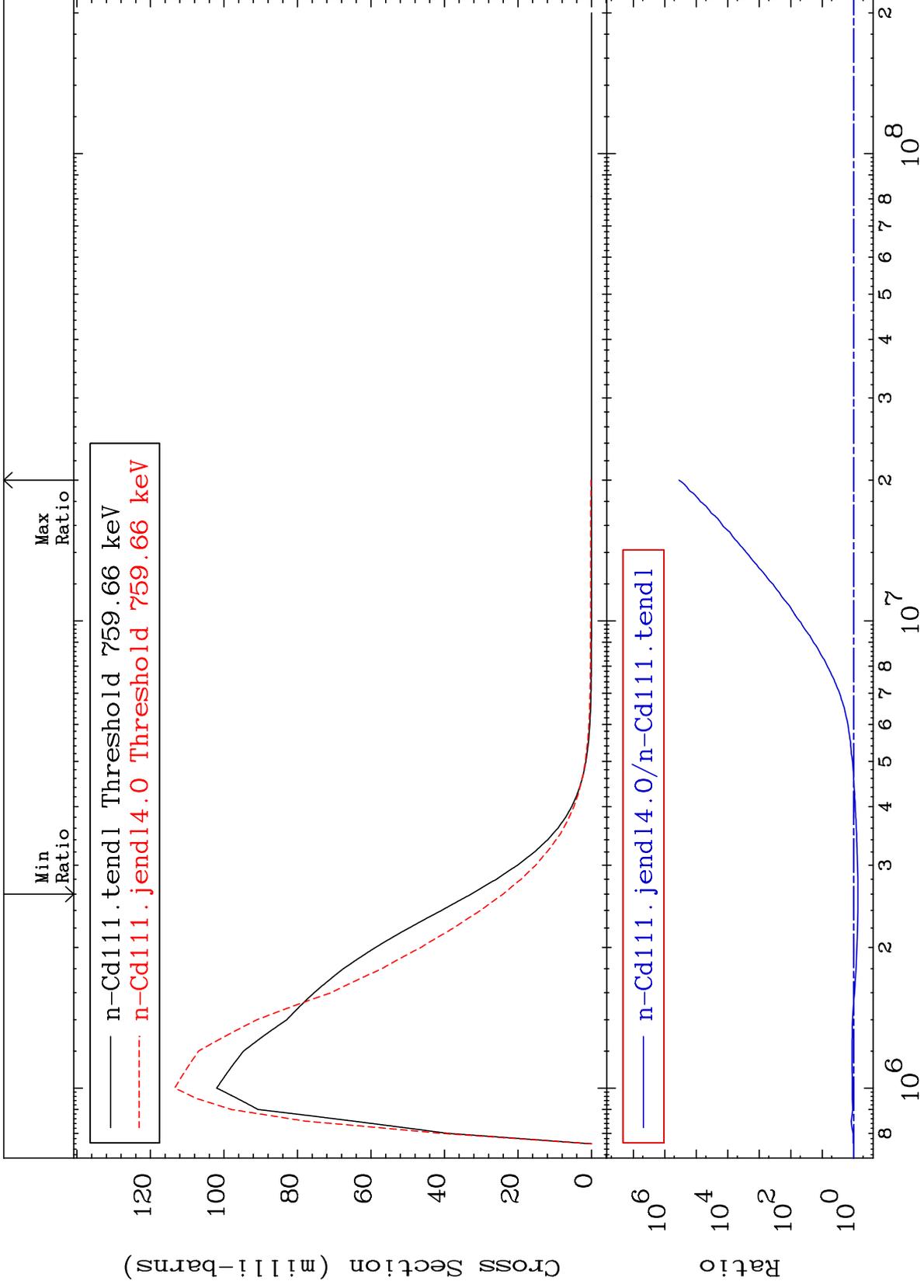
Incident Energy (eV)

48-Cd-111

MAT 4840

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

48-Cd-111
-26.46 To 9999. %



18

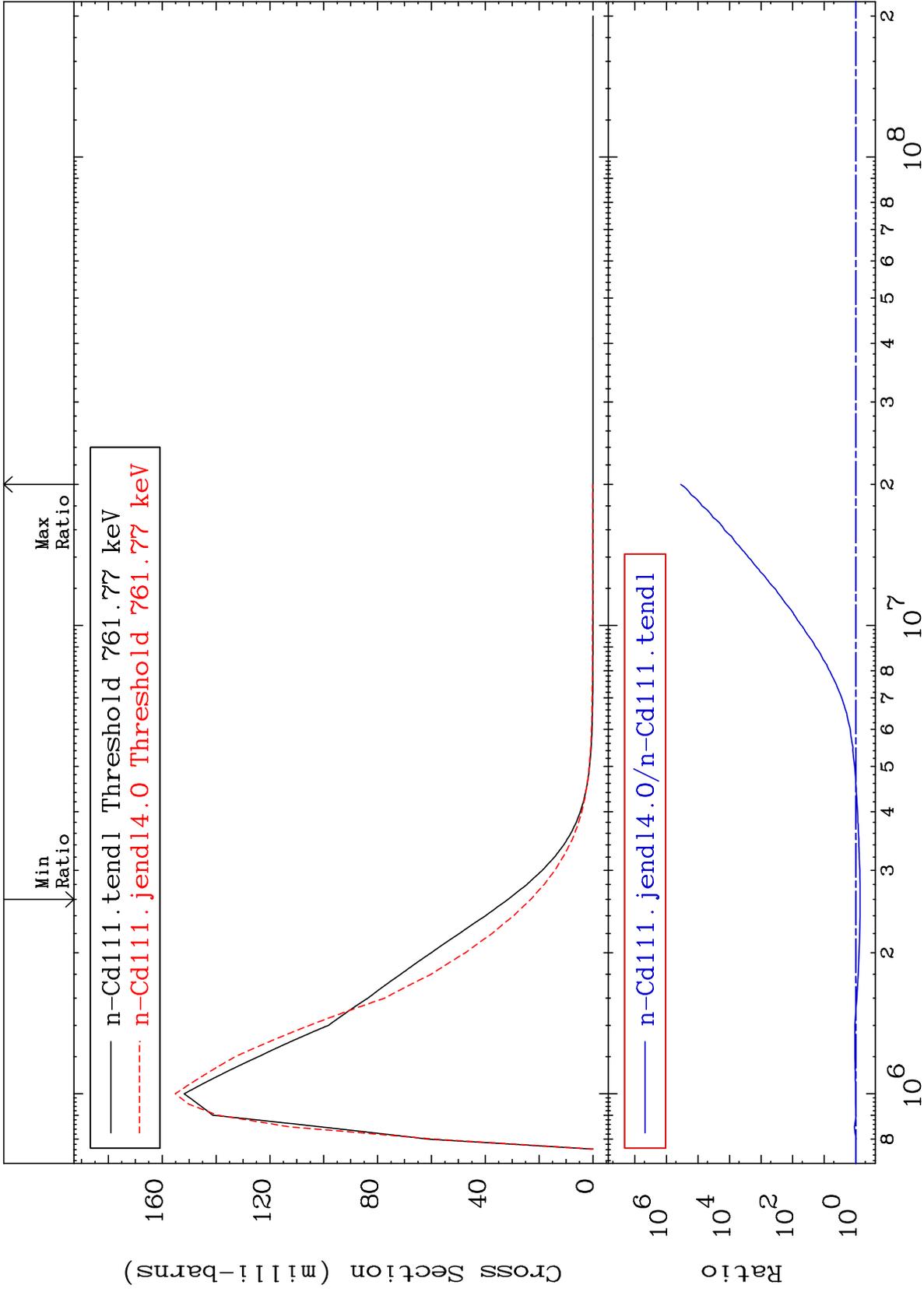
Incident Energy (eV)

48-Cd-111

MAT 4840

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

48-Cd-111
-26.63 To 9999. %



19

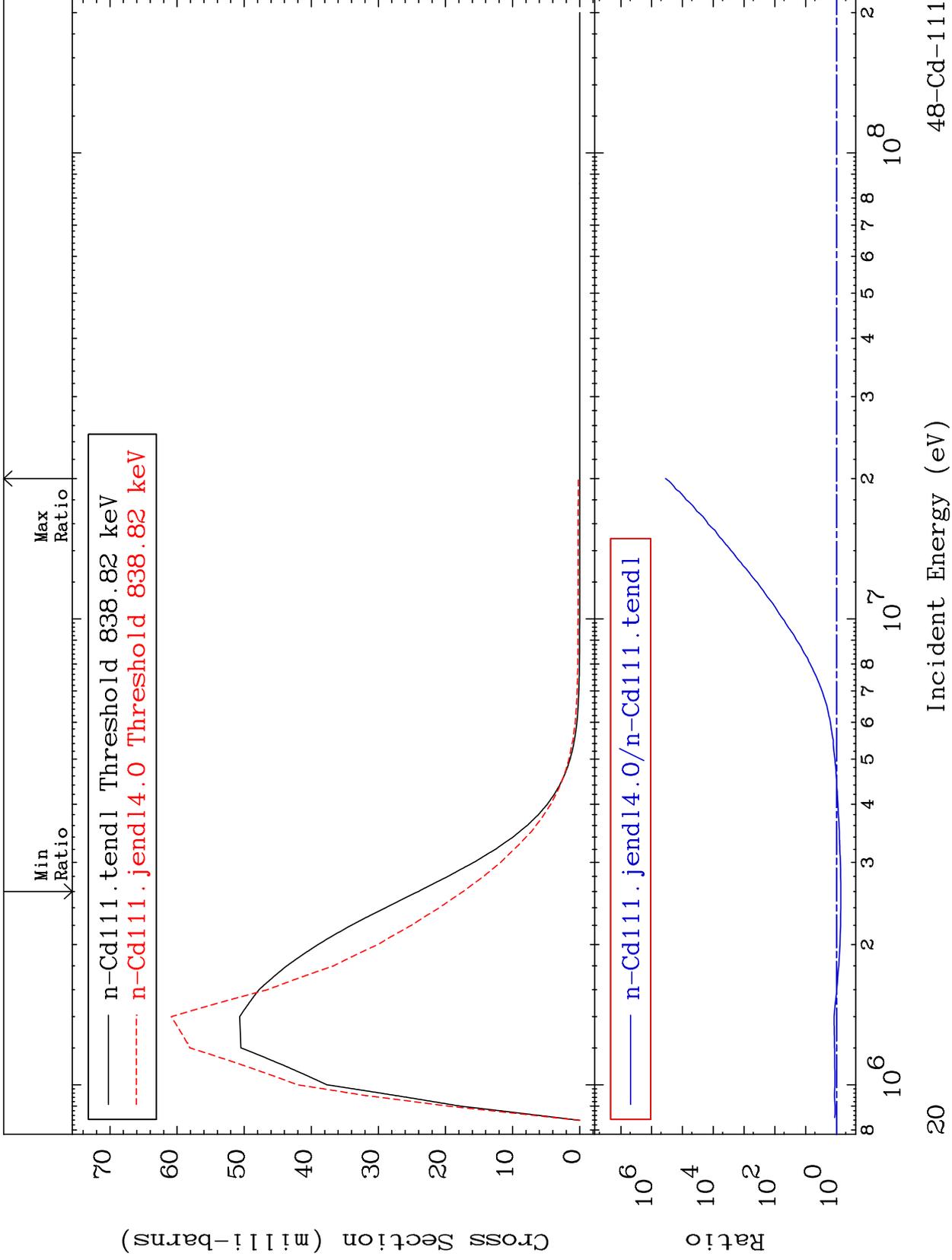
Incident Energy (eV)

48-Cd-111

MAT 4840

MT= 62 (n,n') Level
Cross Section

48-Cd-111
-27.81 To 9999. %



48-Cd-111

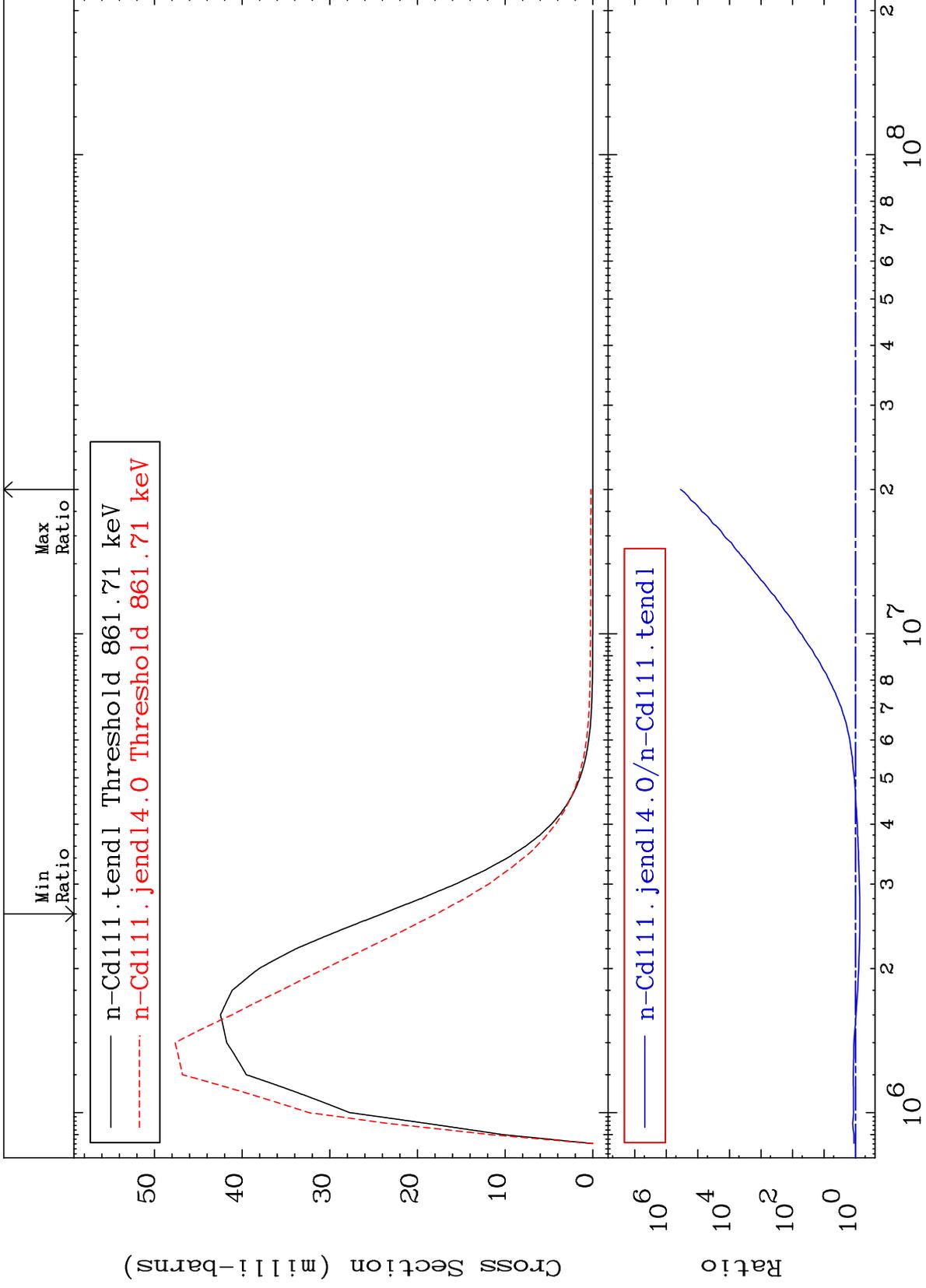
Incident Energy (eV)

20

MAT 4840

MT= 63 (n,n') Level
Cross Section

48-Cd-111
-25.85 To 9999. %



21

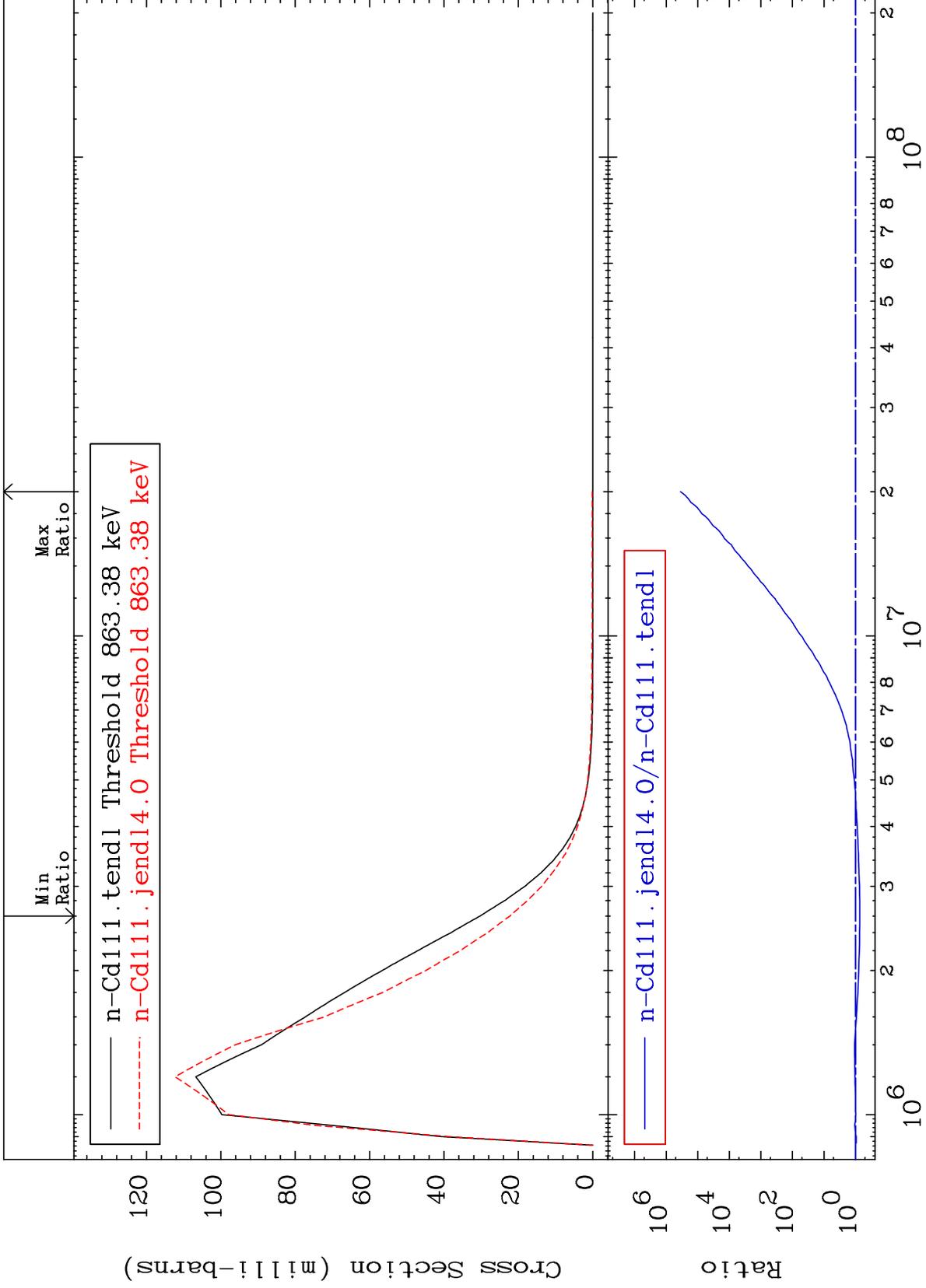
Incident Energy (eV)

48-Cd-111

MAT 4840

MT= 64 (n,n') Level
Cross Section

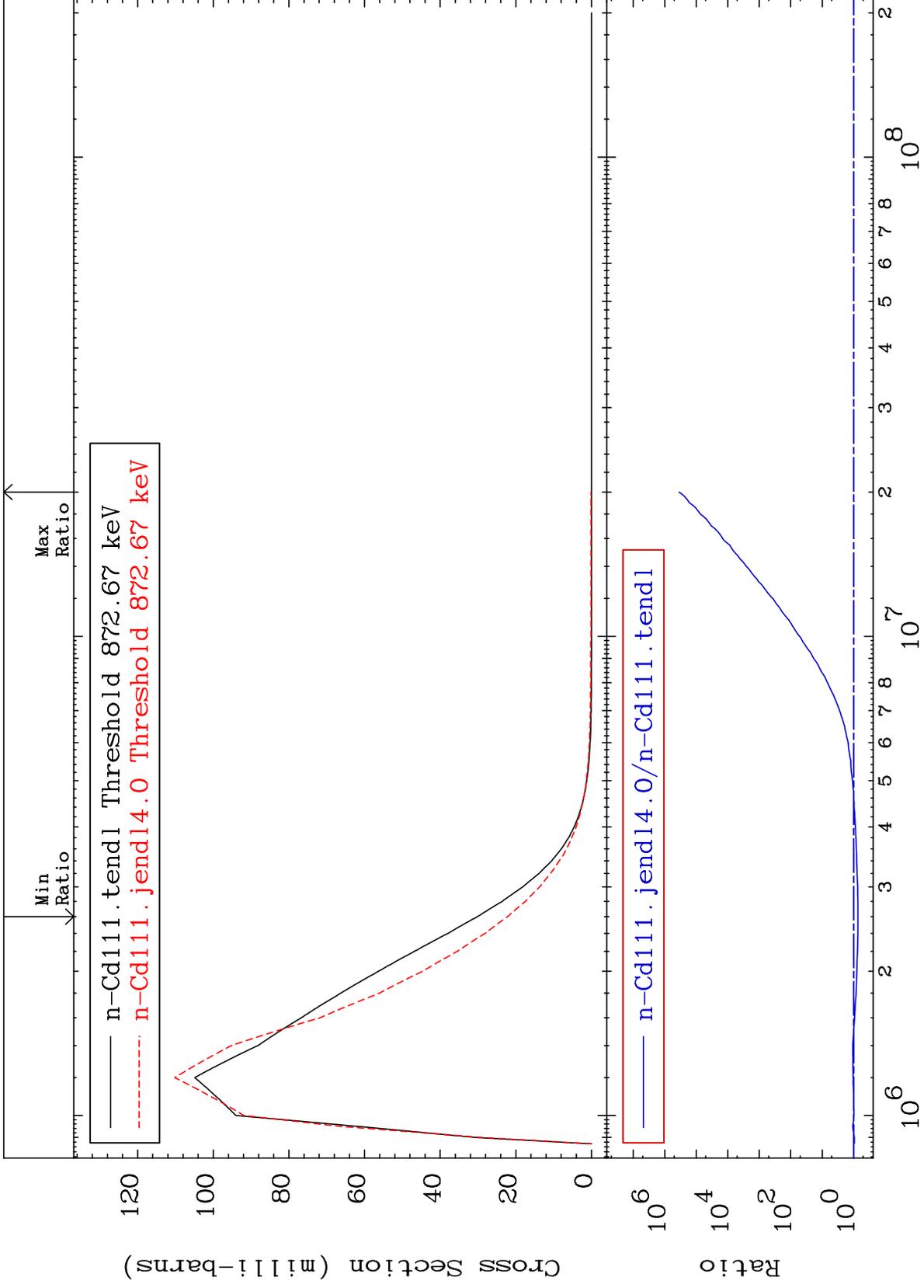
48-Cd-111
-26.43 To 9999. %



MAT 4840

MT= 65 (n,n') Level
Cross Section

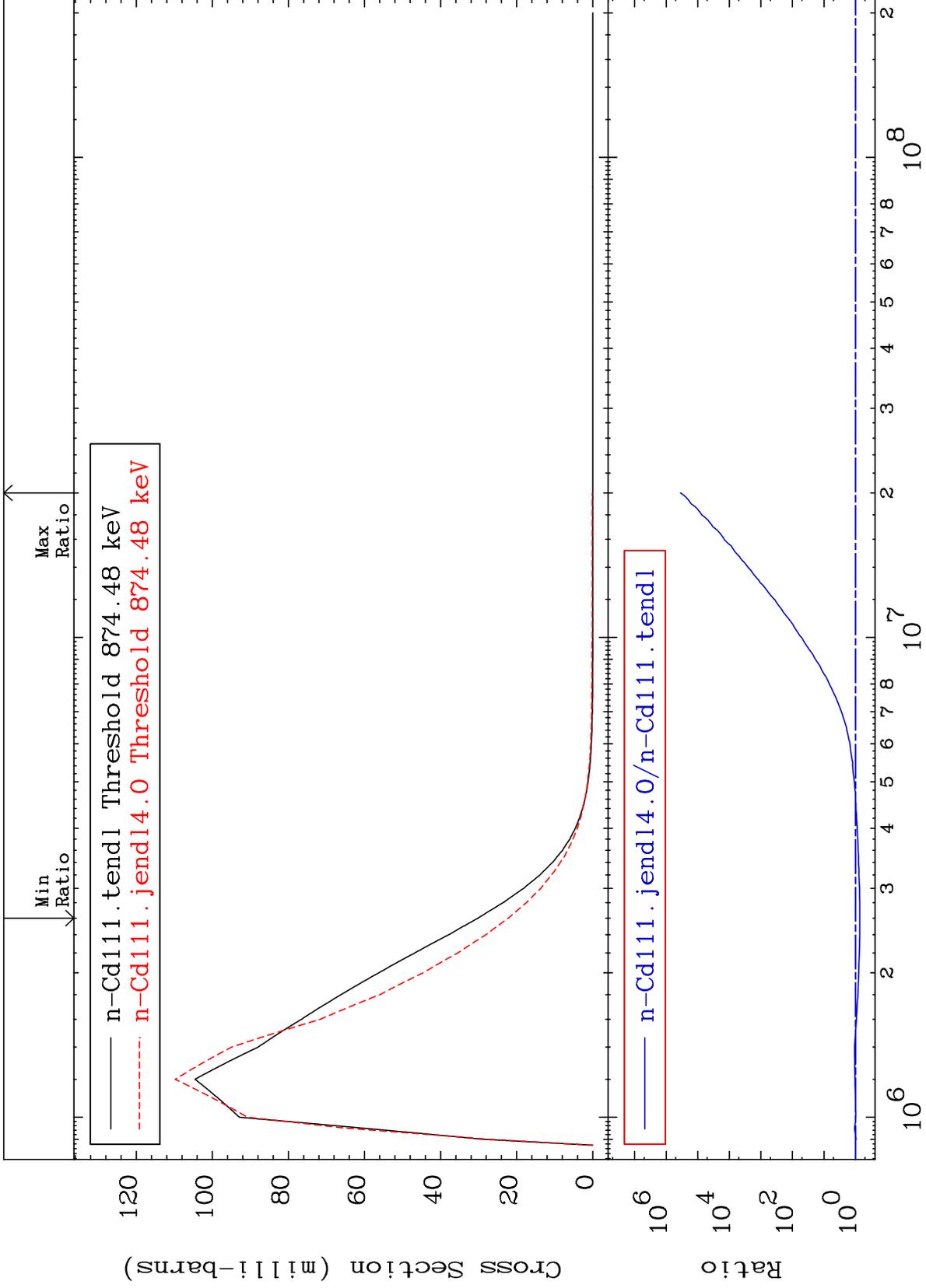
48-Cd-111
-26.41 To 9999. %



MAT 4840

MT= 66 (n,n') Level
Cross Section

48-Cd-111
-26.39 To 9999. %



24

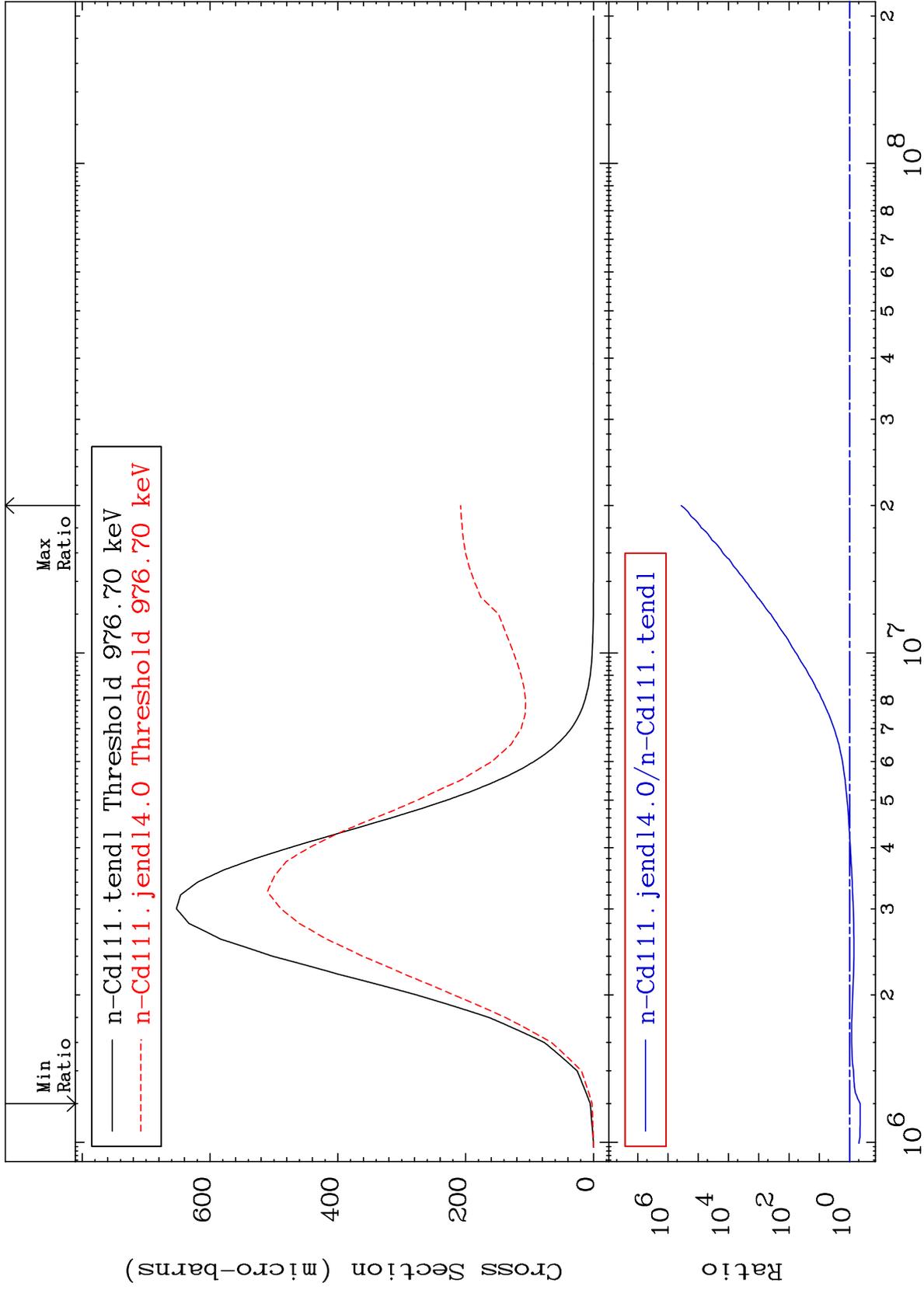
Incident Energy (eV)

48-Cd-111

MAT 4840

MT= 67 (n,n') Level
Cross Section

48-Cd-111
-55.62 To 9999. %



25

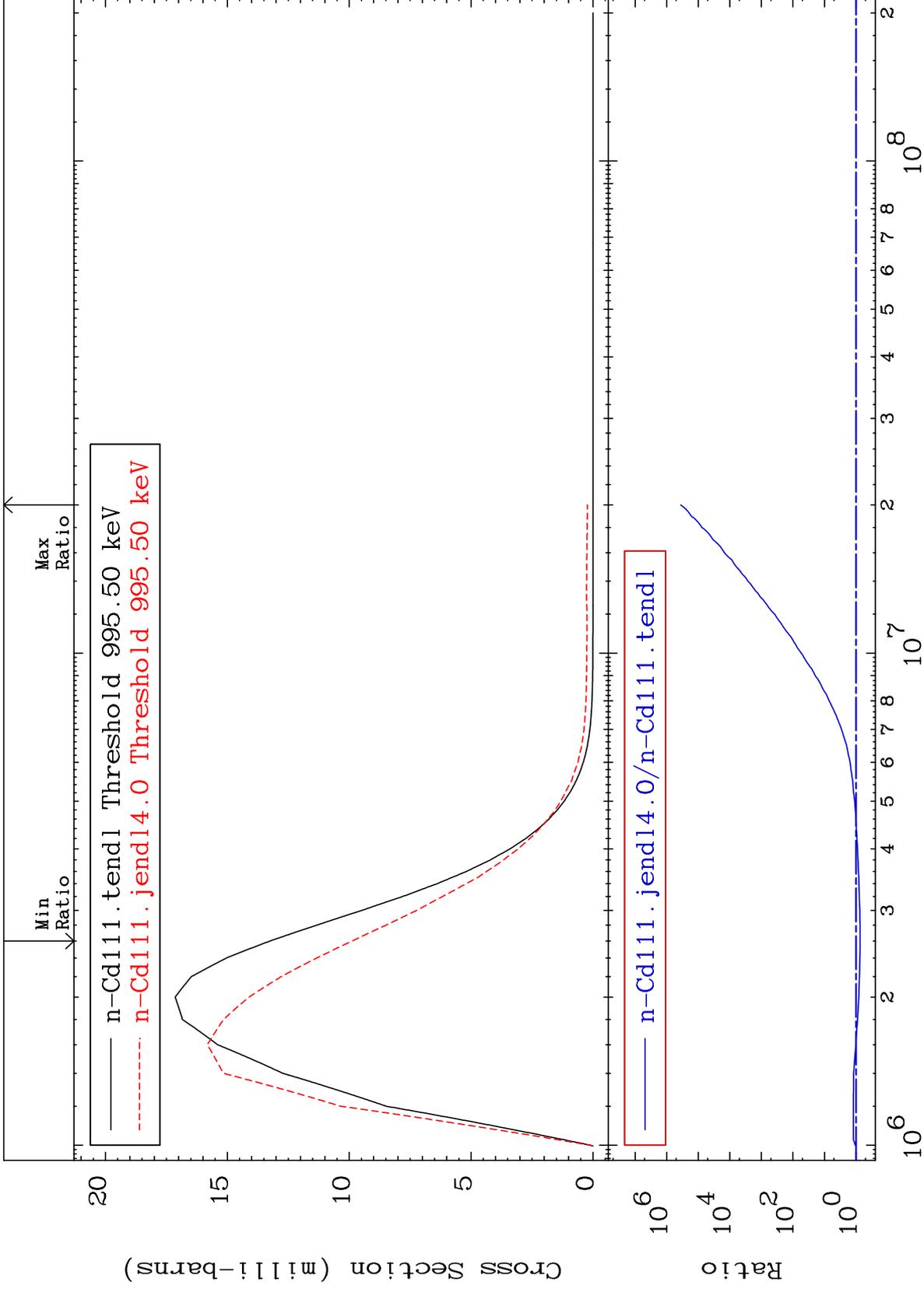
Incident Energy (eV)

48-Cd-111

MAT 4840

MT= 68 (n,n') Level
Cross Section

48-Cd-111
-25.43 To 9999. %

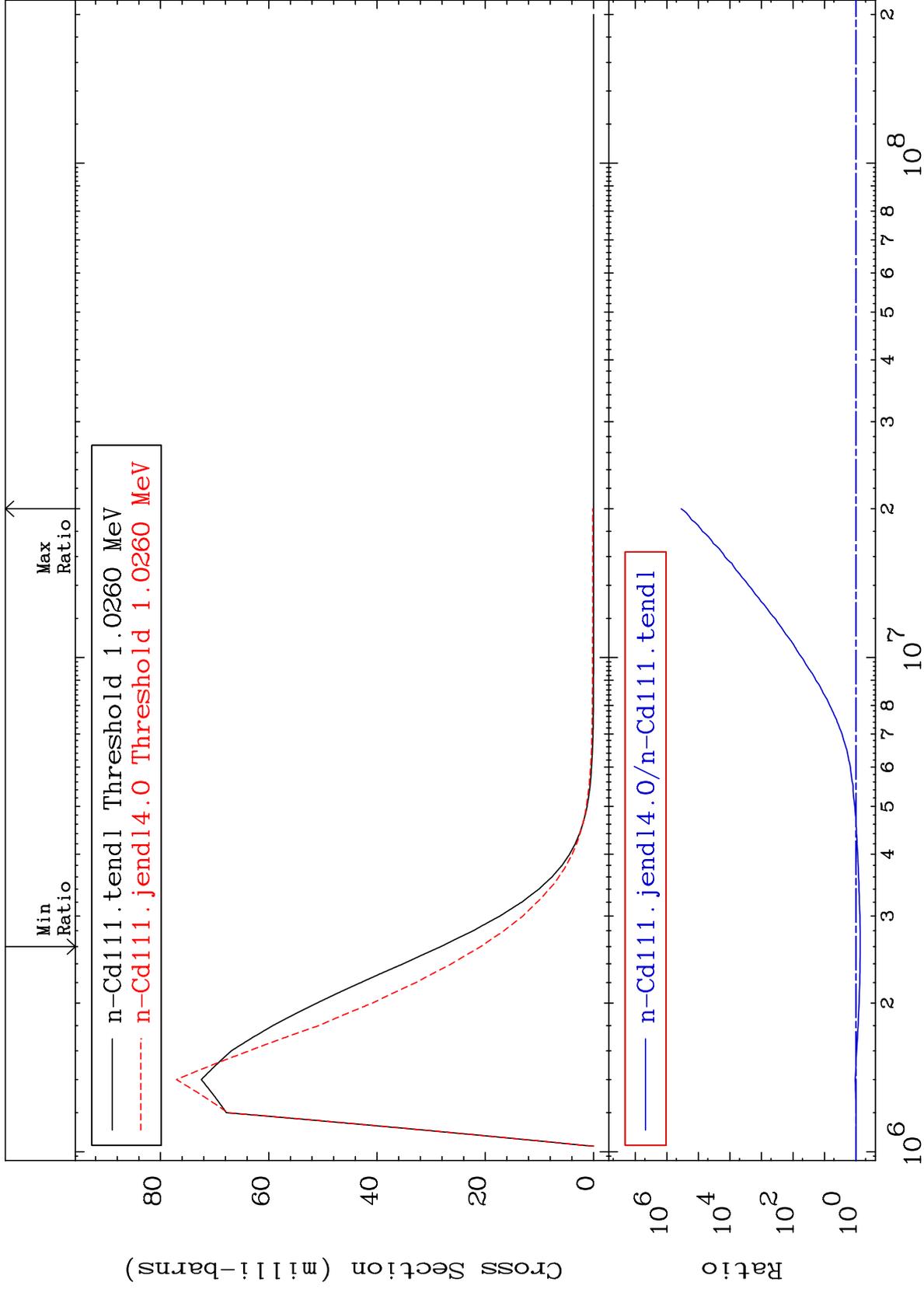


26

MAT 4840

MT= 69 (n,n') Level
Cross Section

48-Cd-111
-26.11 To 9999. %



27

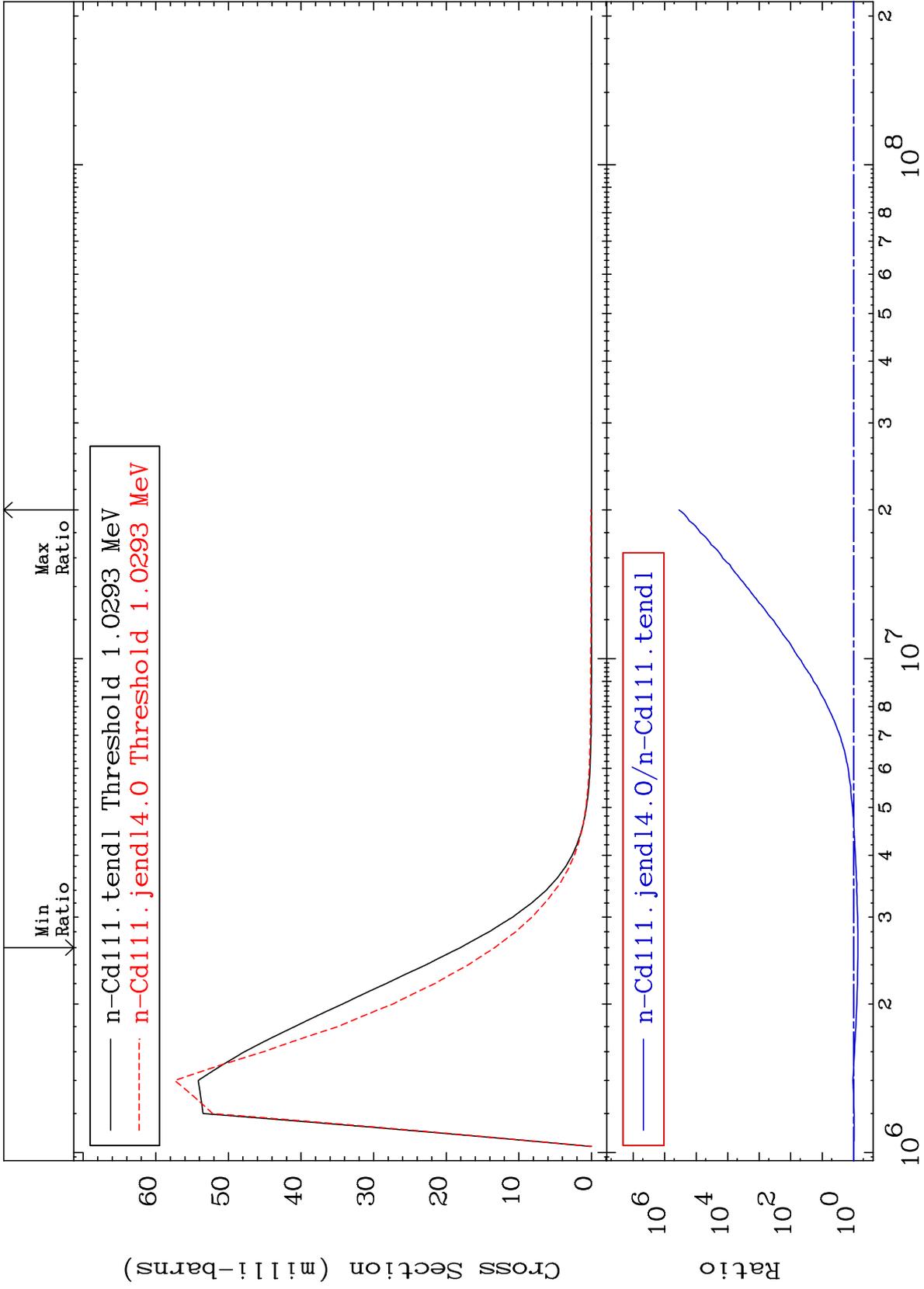
Incident Energy (eV)

48-Cd-111

MAT 4840

MT= 70 (n,n') Level
Cross Section

48-Cd-111
-26.29 To 9999. %



28

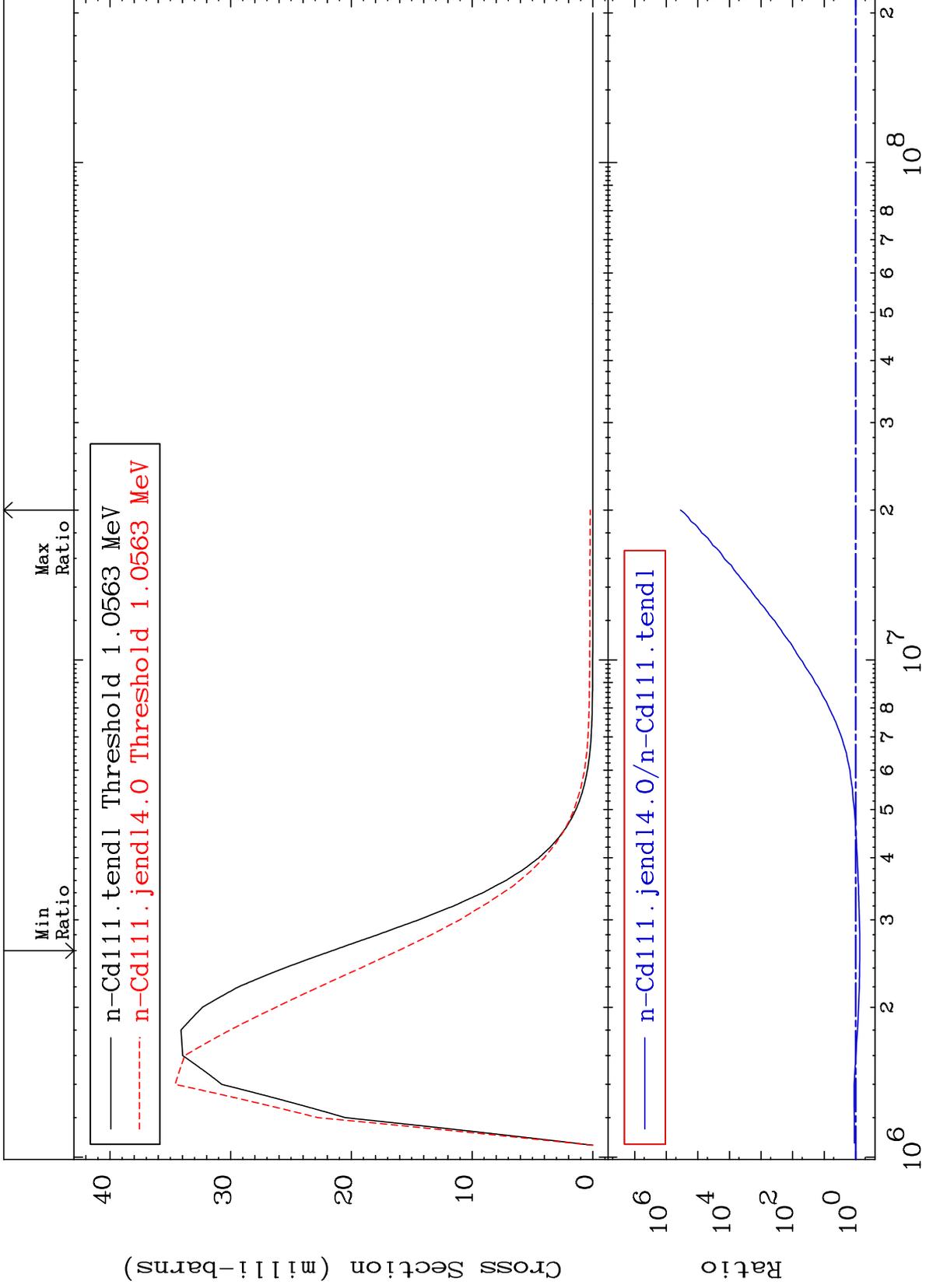
Incident Energy (eV)

48-Cd-111

MAT 4840

MT= 71 (n,n') Level
Cross Section

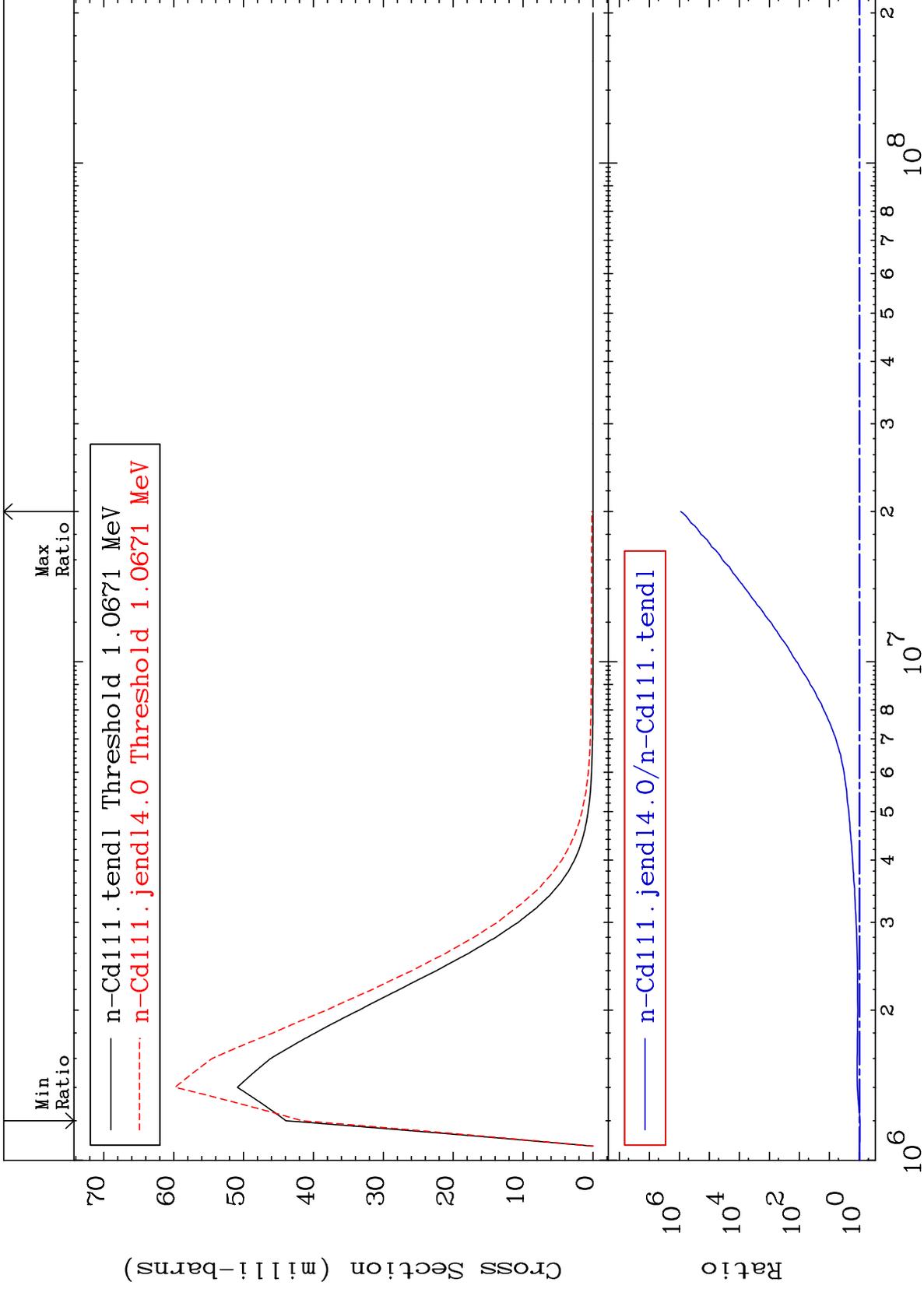
48-Cd-111
-25.40 To 9999. %



MAT 4840

MT= 72 (n,n') Level
Cross Section

48-Cd-111
-5.285 To 9999. %



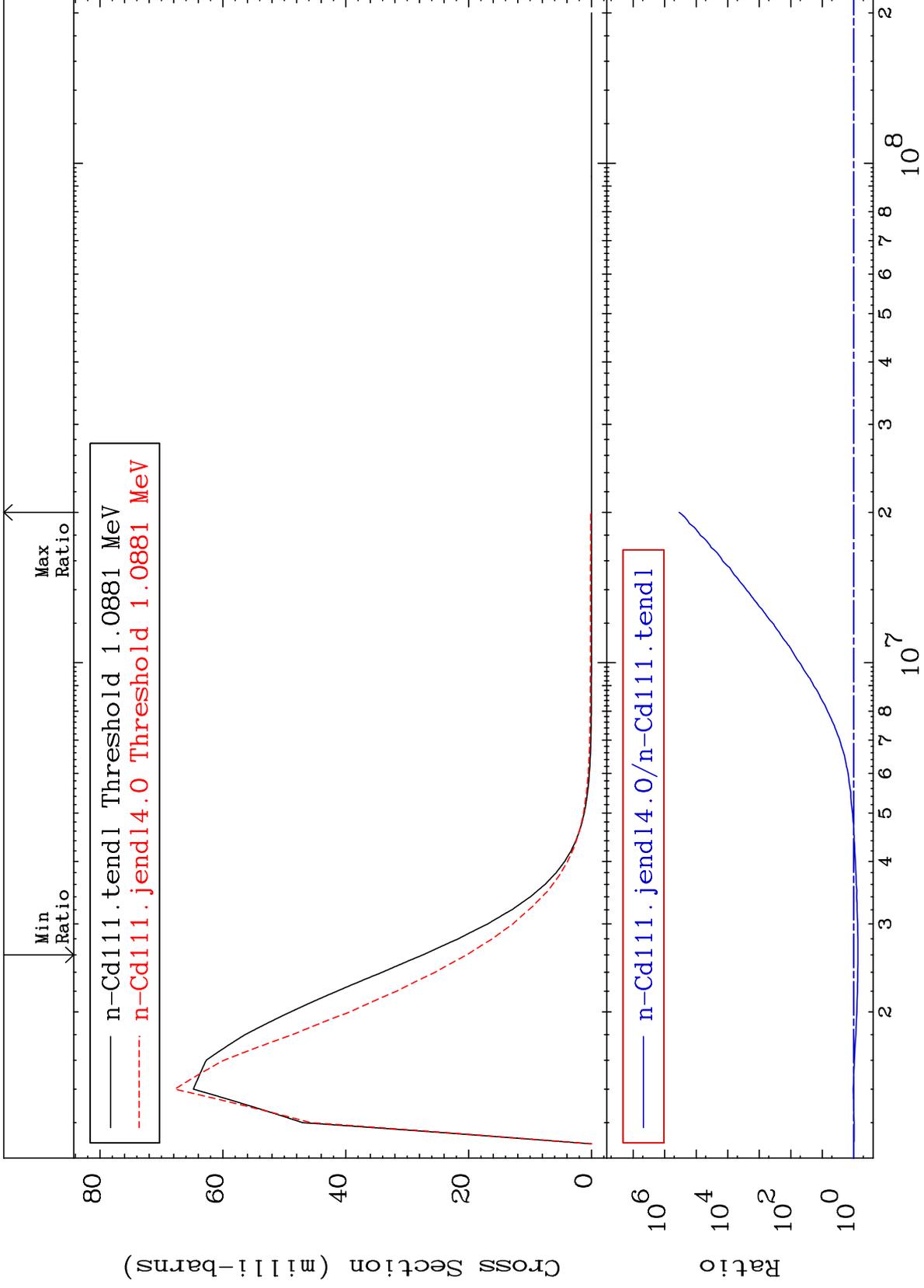
48-Cd-111

30

MAT 4840

MT= 73 (n,n') Level
Cross Section

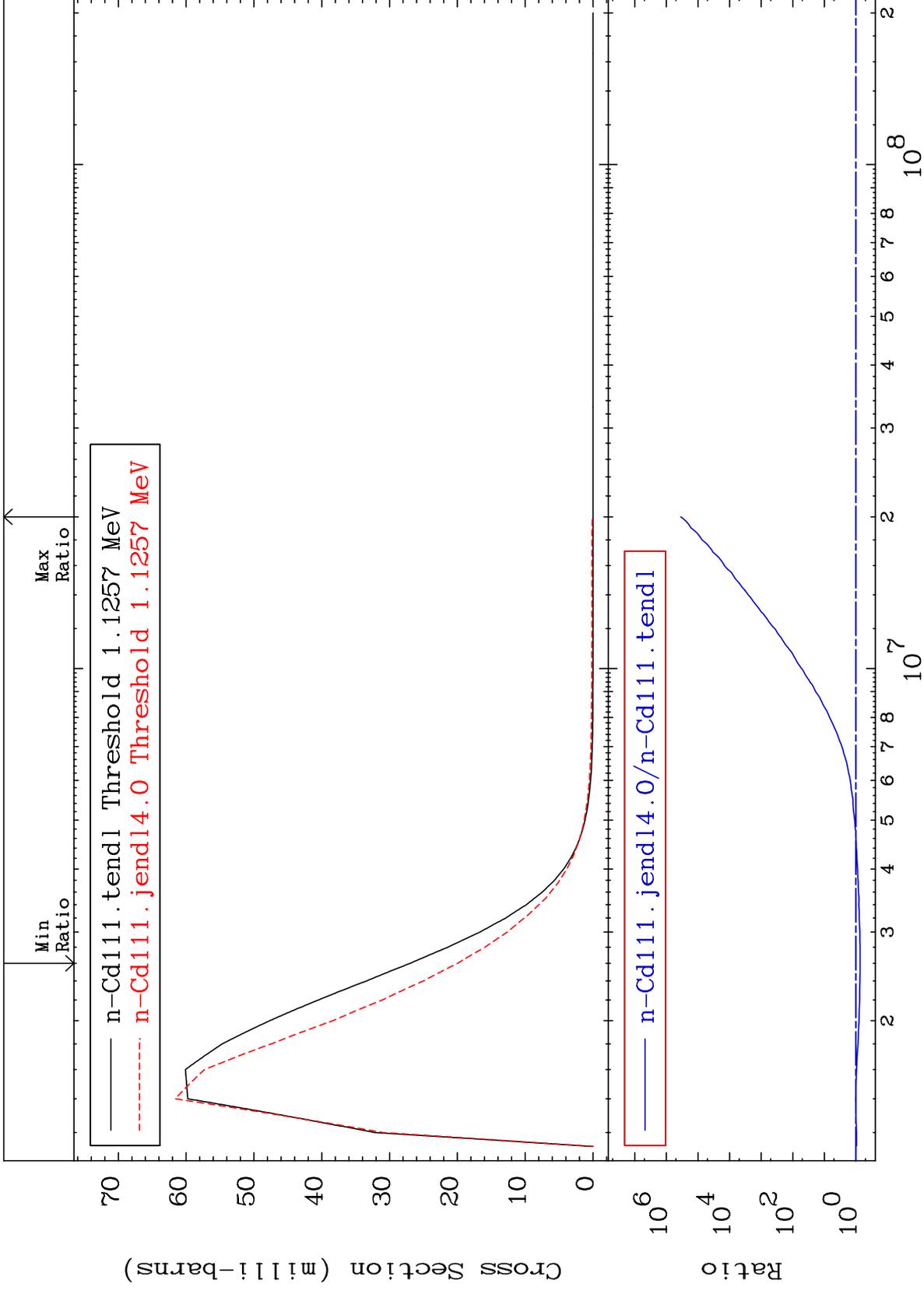
48-Cd-111
-25.97 To 9999. %



MAT 4840

MT= 74 (n,n') Level
Cross Section

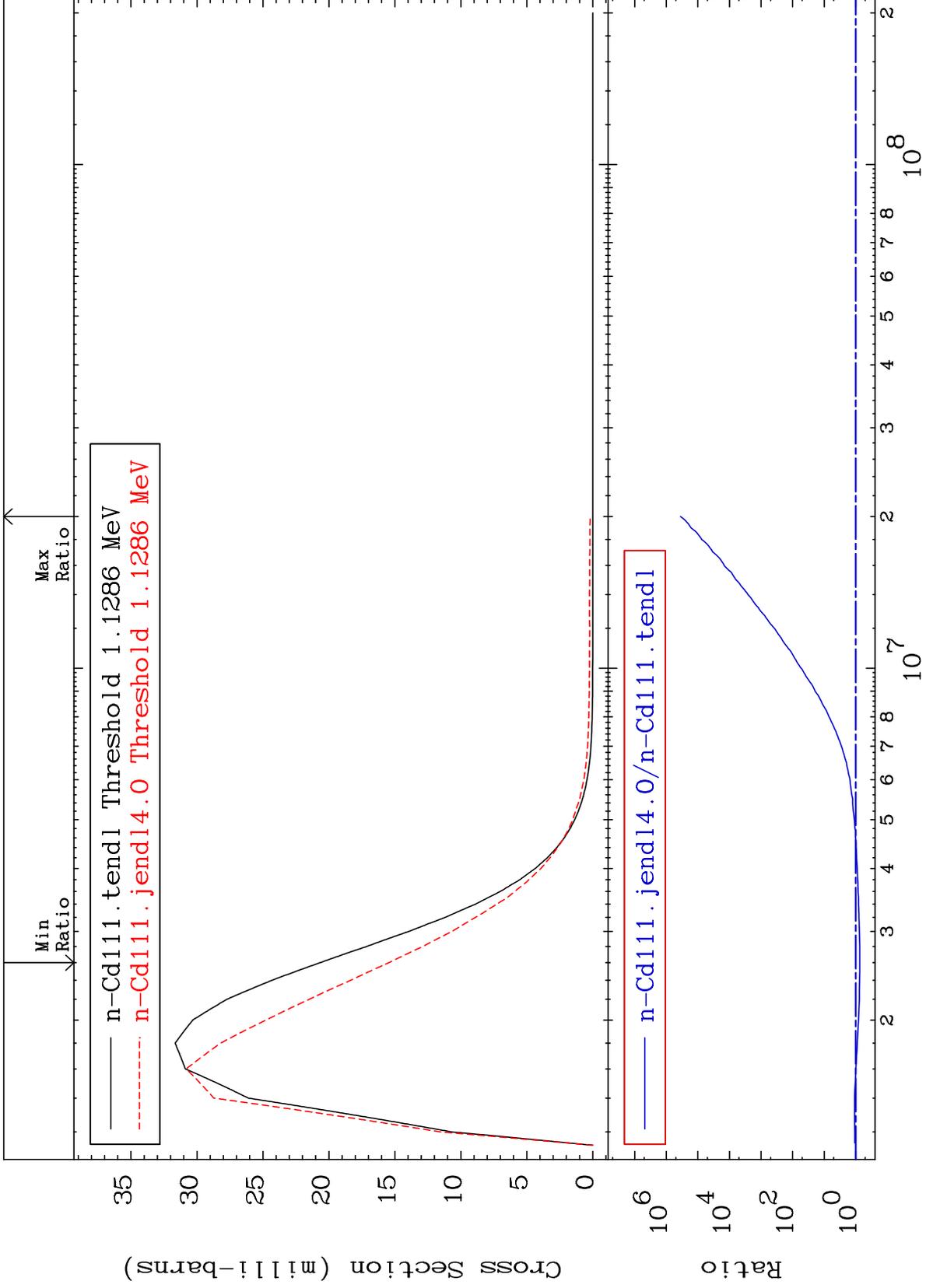
48-Cd-111
-25.88 To 9999. %



MAT 4840

MT= 75 (n,n') Level
Cross Section

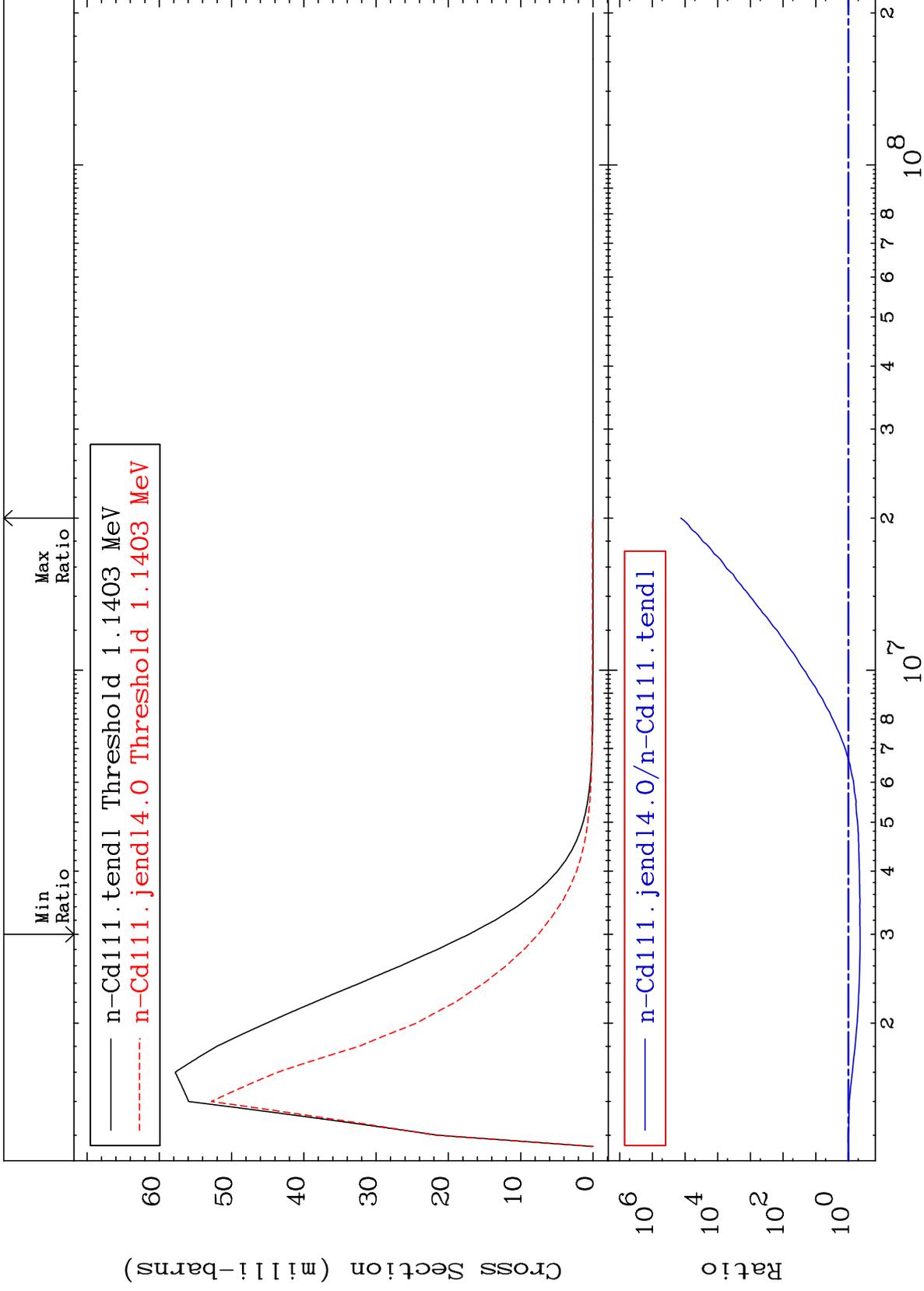
48-Cd-111
-25.23 To 9999. %



MAT 4840

MT= 76 (n,n') Level
Cross Section

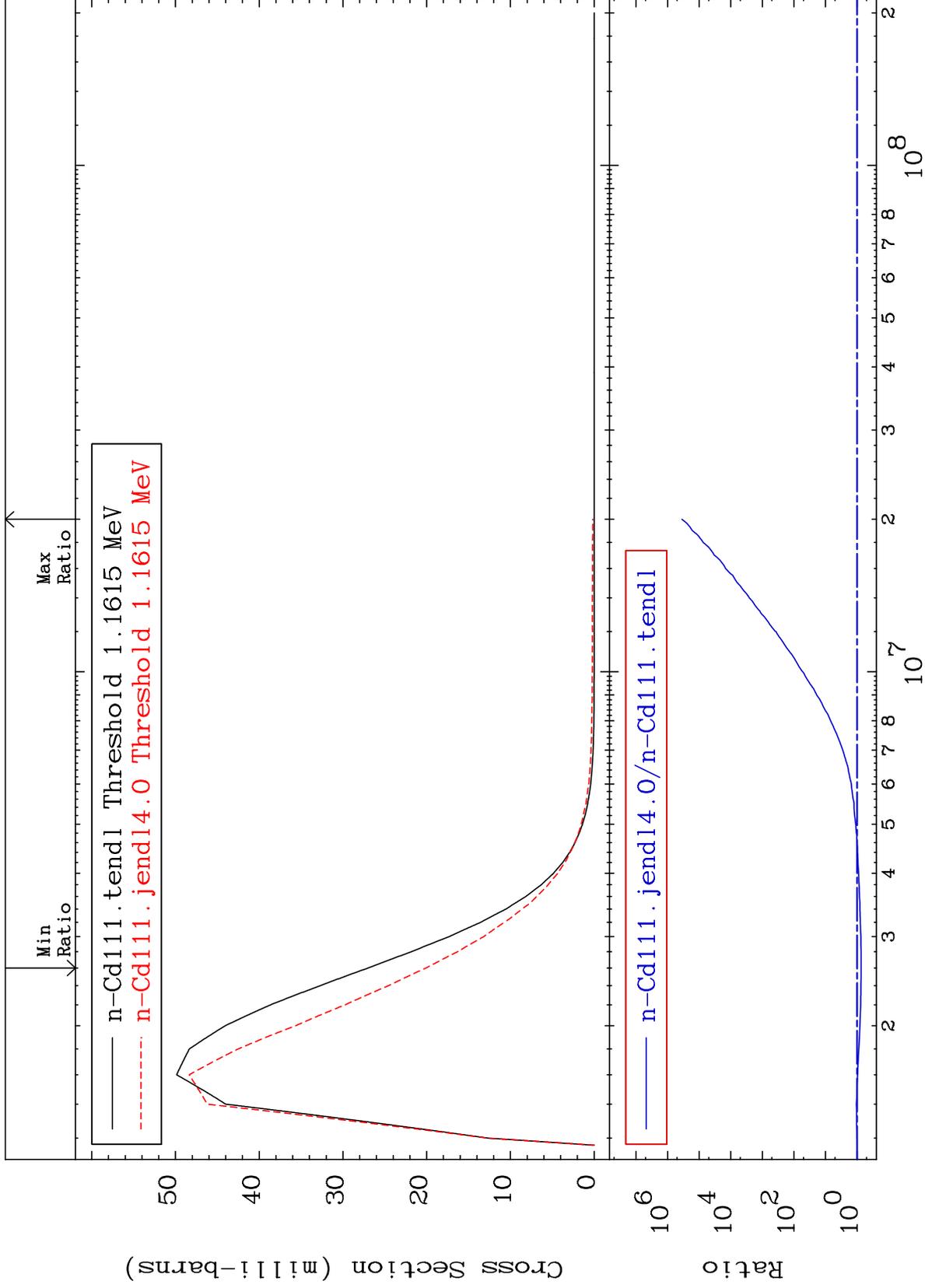
48-Cd-111
-56.03 To 9999. %



MAT 4840

MT= 77 (n, n') Level
Cross Section

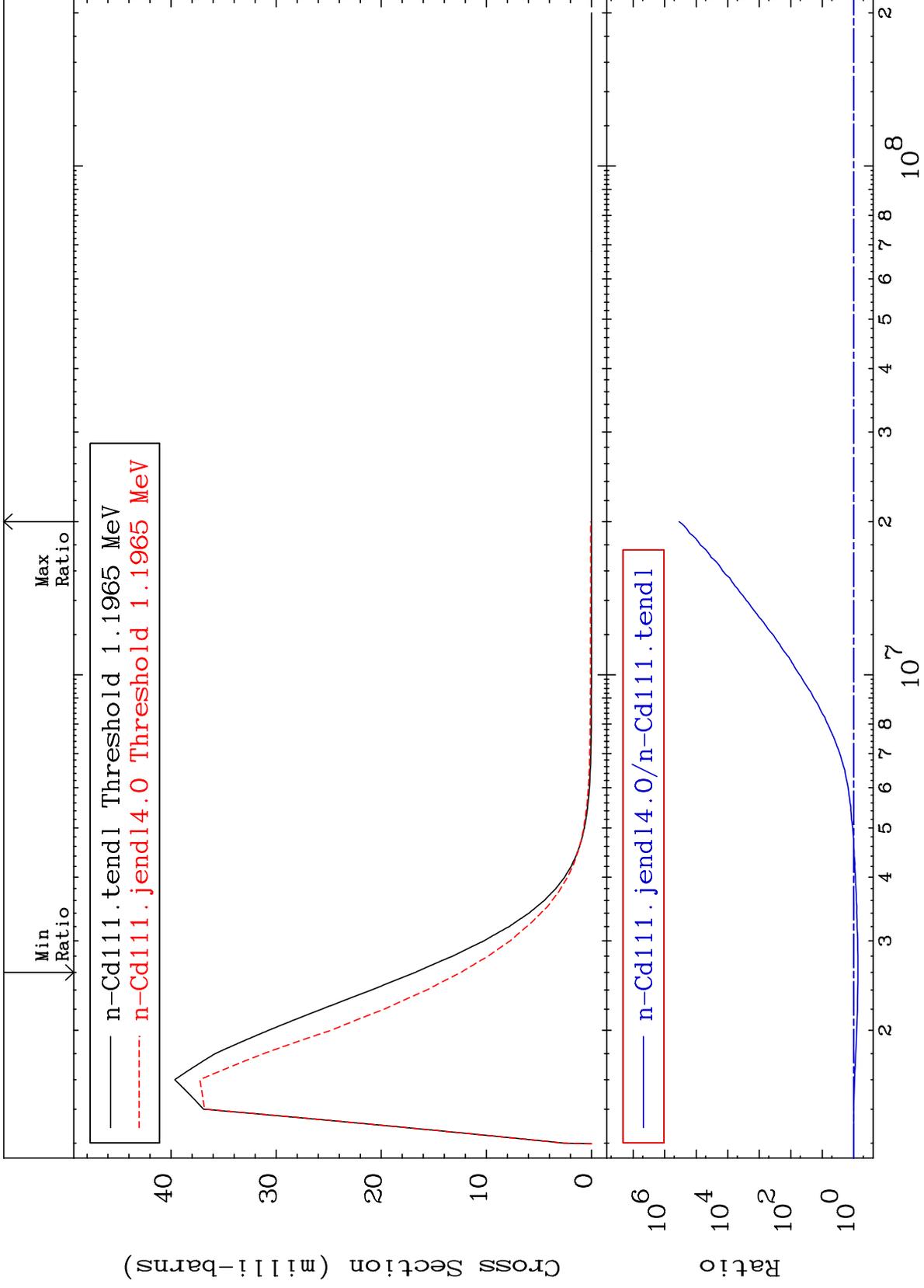
48-Cd-111
-25.59 To 9999. %



MAT 4840

MT= 78 (n,n') Level
Cross Section

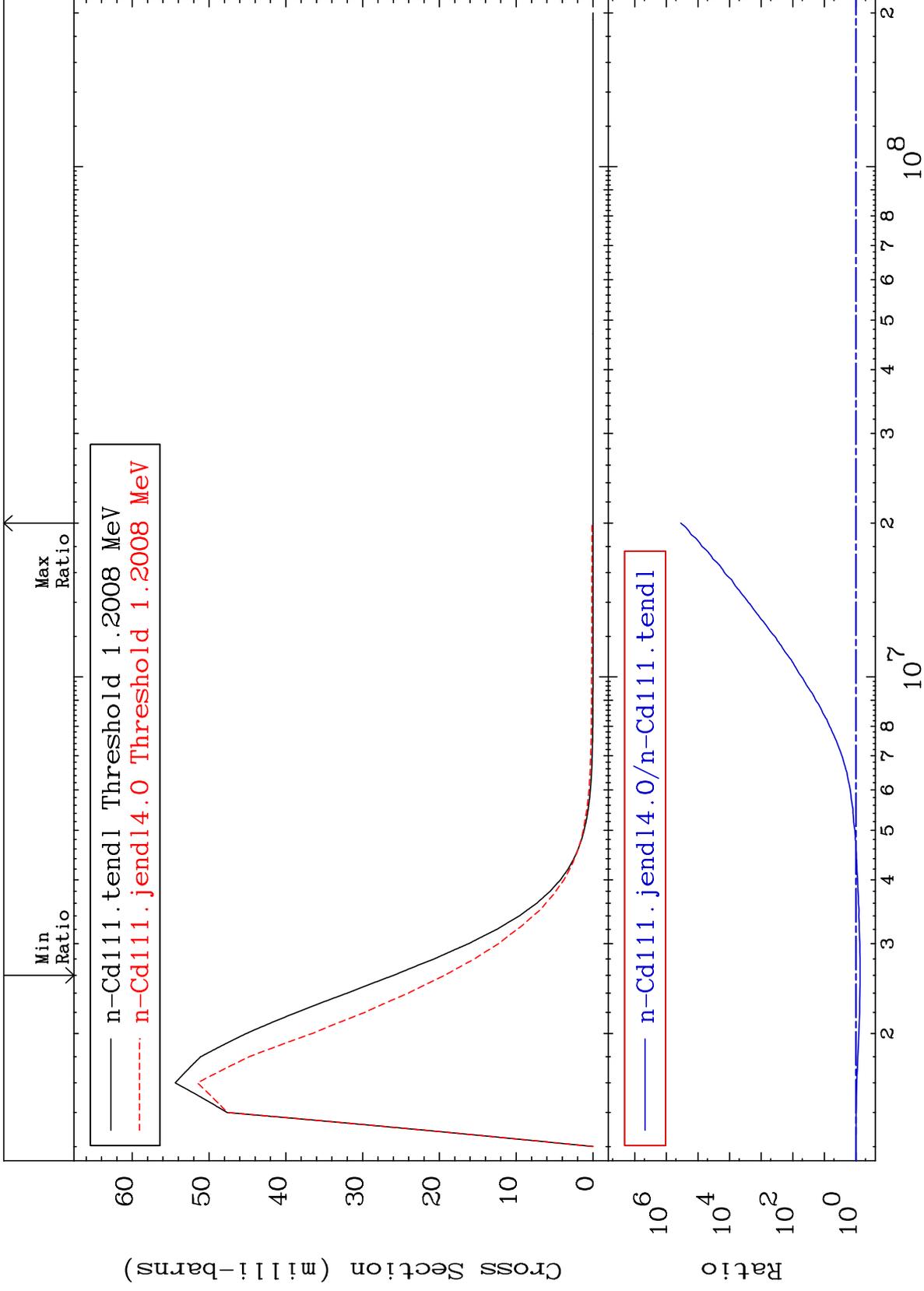
48-Cd-111
-25.93 To 9999. %



MAT 4840

MT= 79 (n,n') Level
Cross Section

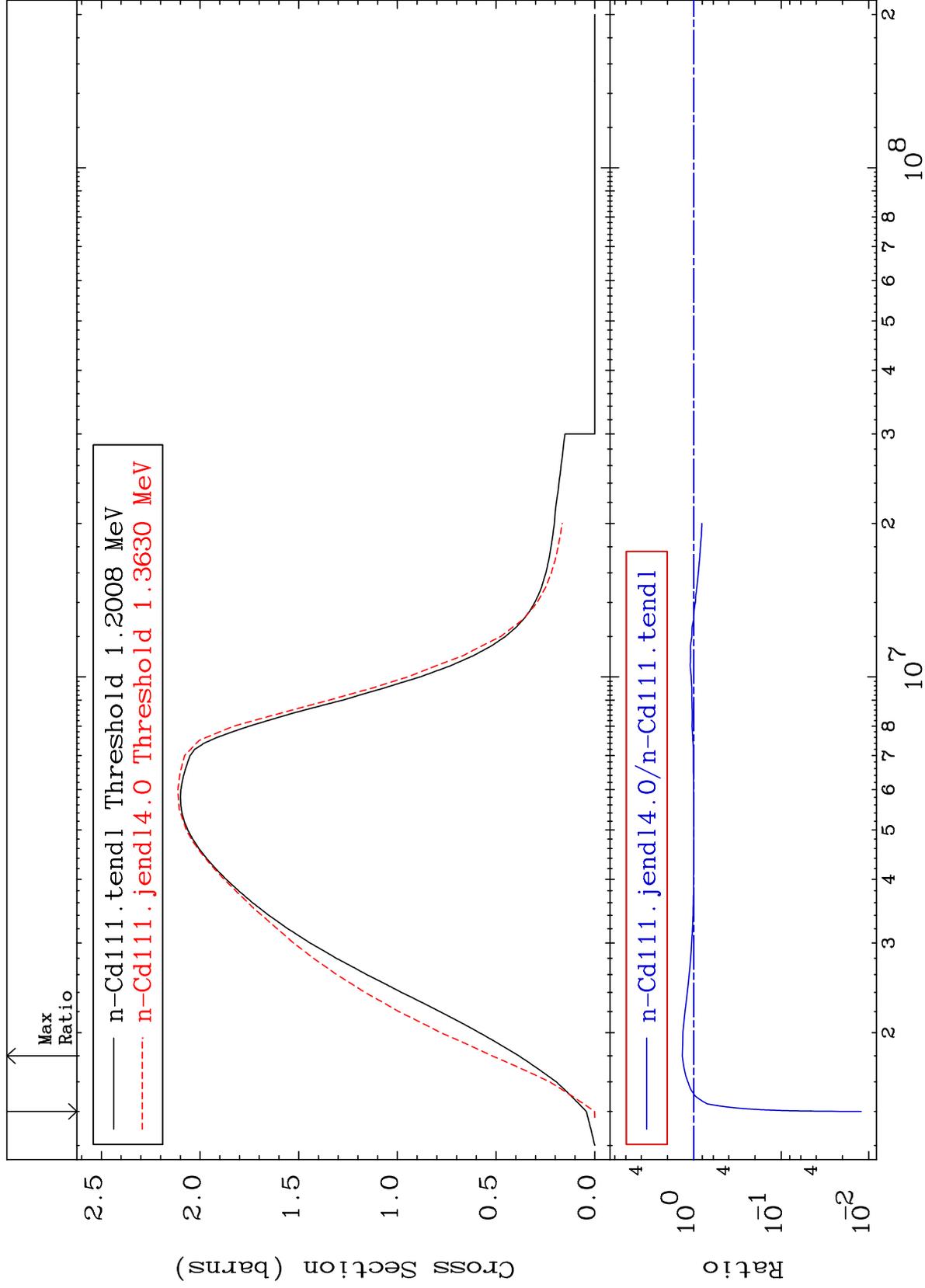
48-Cd-111
-25.69 To 9999. %



MAT 4840

(n, n') Continuum
Cross Section

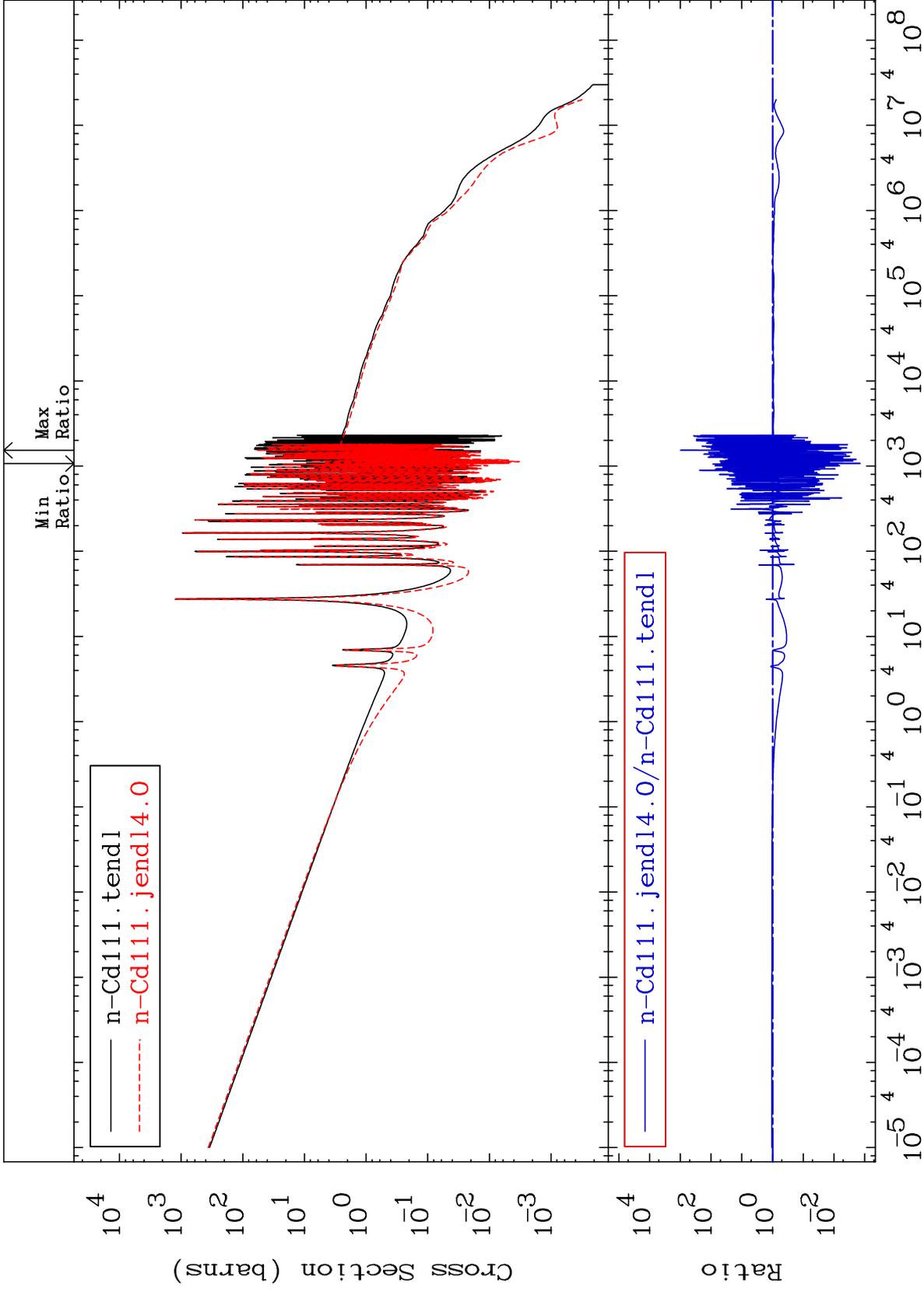
48-Cd-111
-98.78 To 35.32 %



MAT 4840

(n, γ)
Cross Section

48-Cd-111
-99.86 To 9999. %



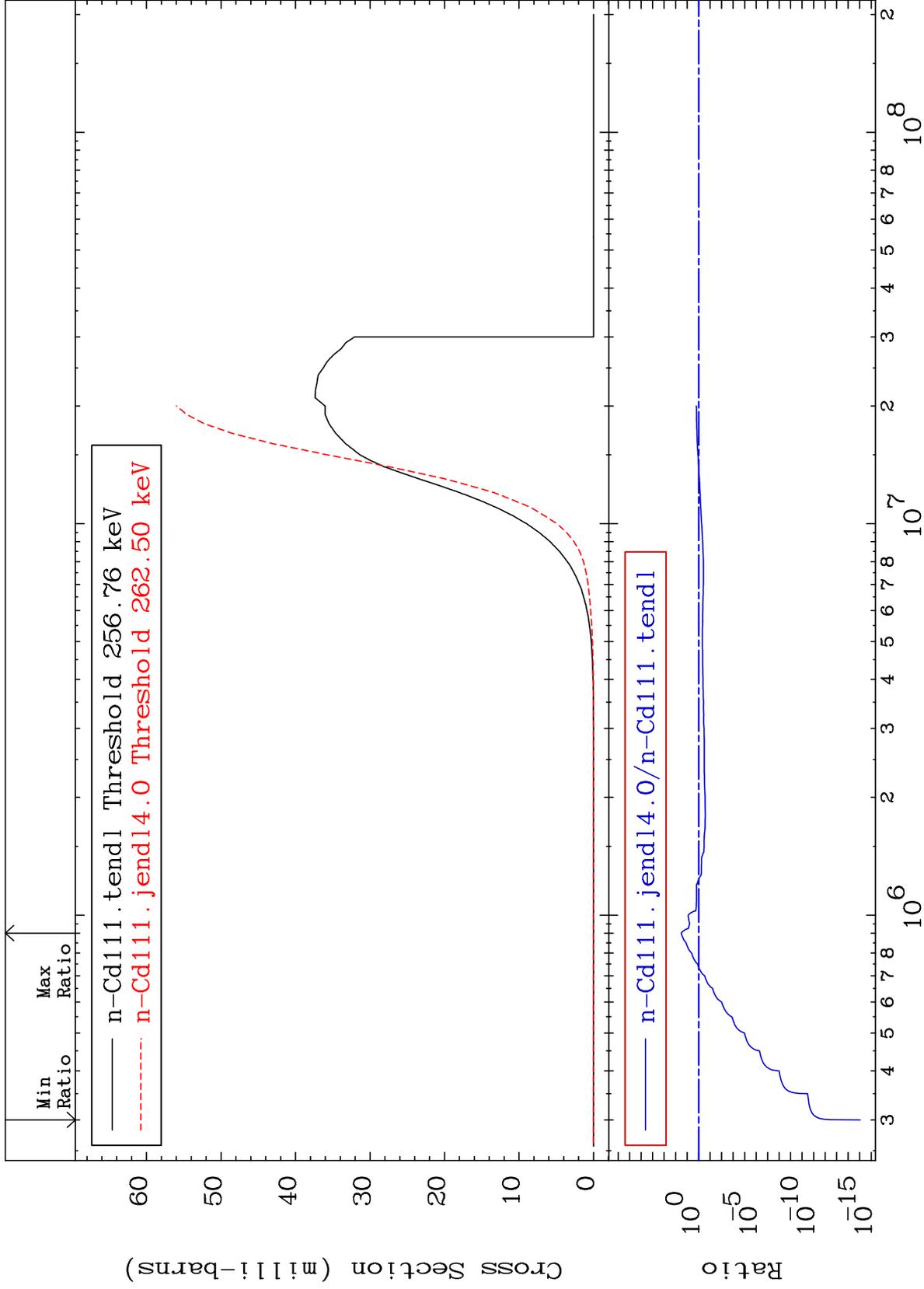
MAT 4840

(n,p)

48-Cd-111

Cross Section

-100.0 To 3190. %



40

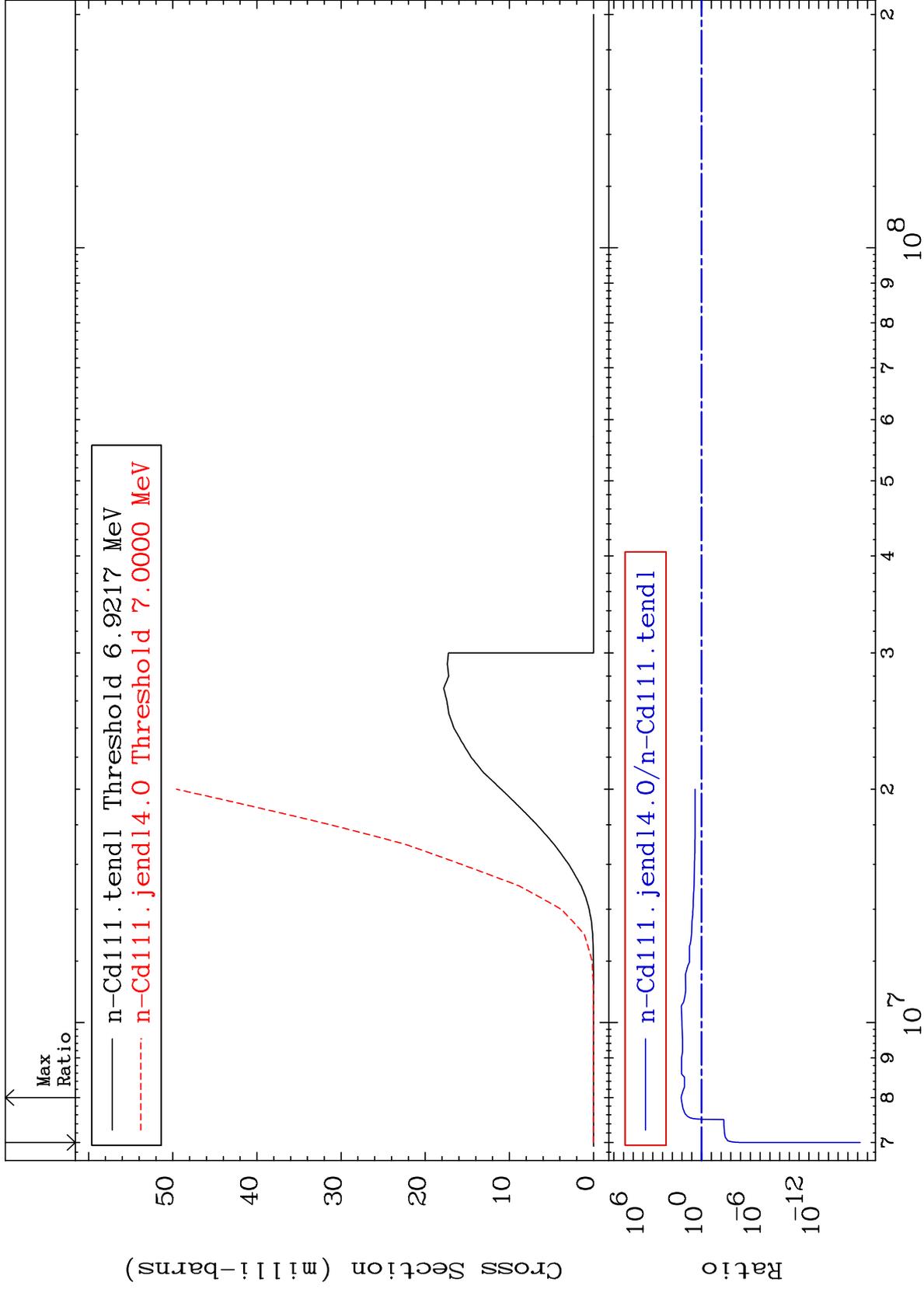
Incident Energy (eV)

48-Cd-111

MAT 4840

(n, d)
Cross Section

48-Cd-111
-100.0 To 9999. %



41

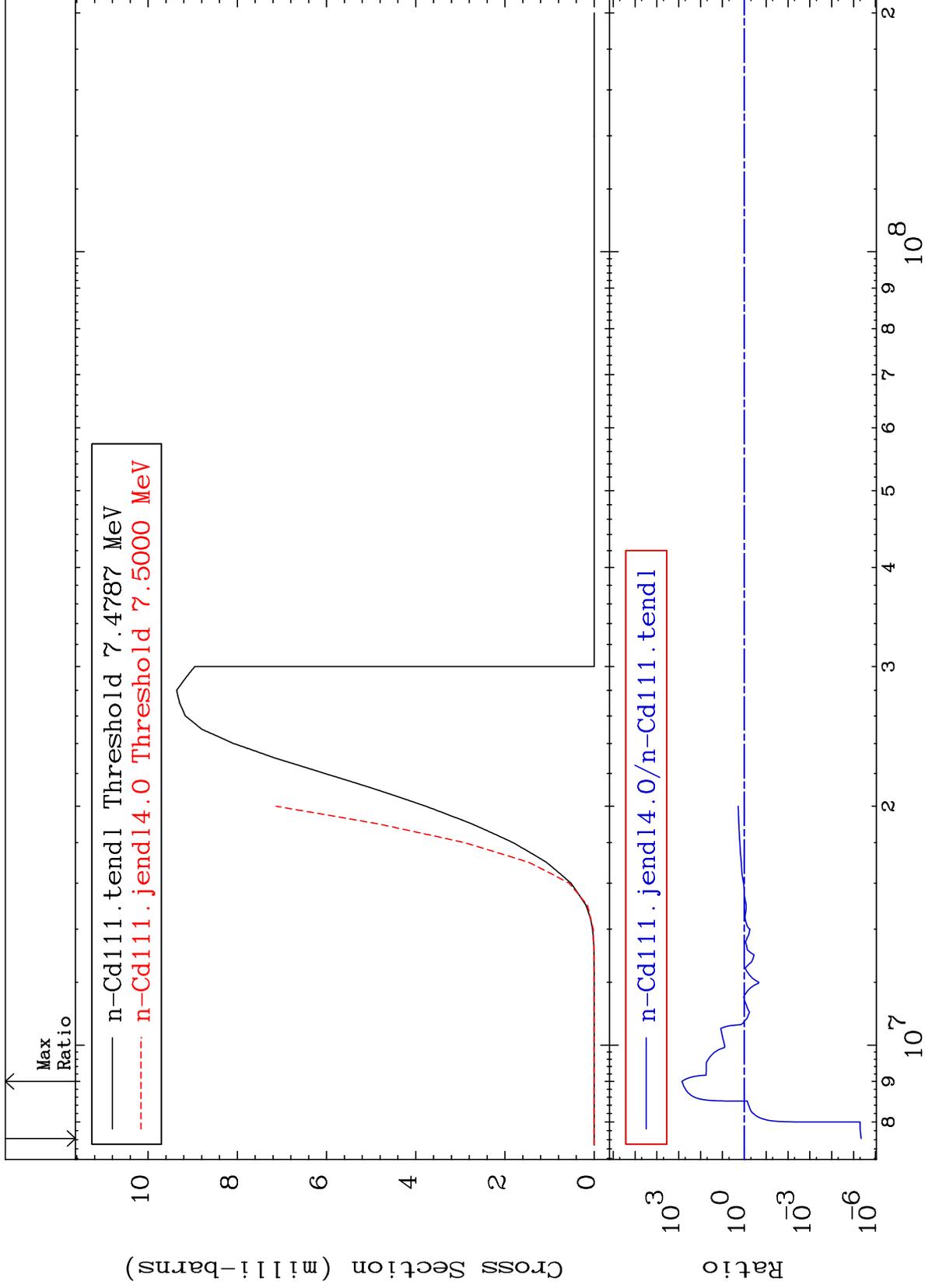
Incident Energy (eV)

48-Cd-111

MAT 4840

(n, t)
Cross Section

48-Cd-111
-100.0 To 9999. %



42

Incident Energy (eV)

48-Cd-111

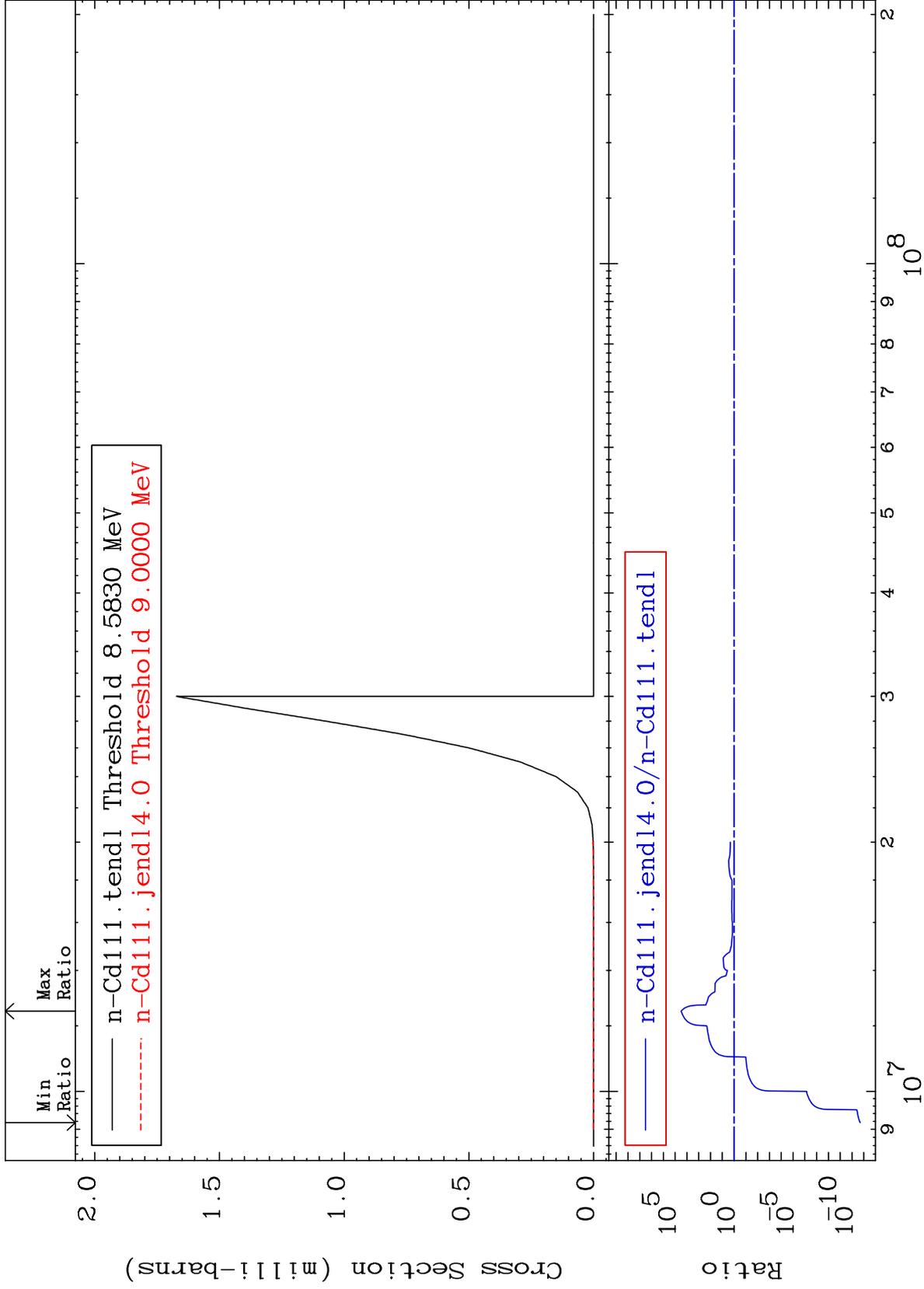
MAT 4840

(n, He-3)

48-Cd-111

Cross Section

-100.0 To 9999. %



43

Incident Energy (eV)

48-Cd-111

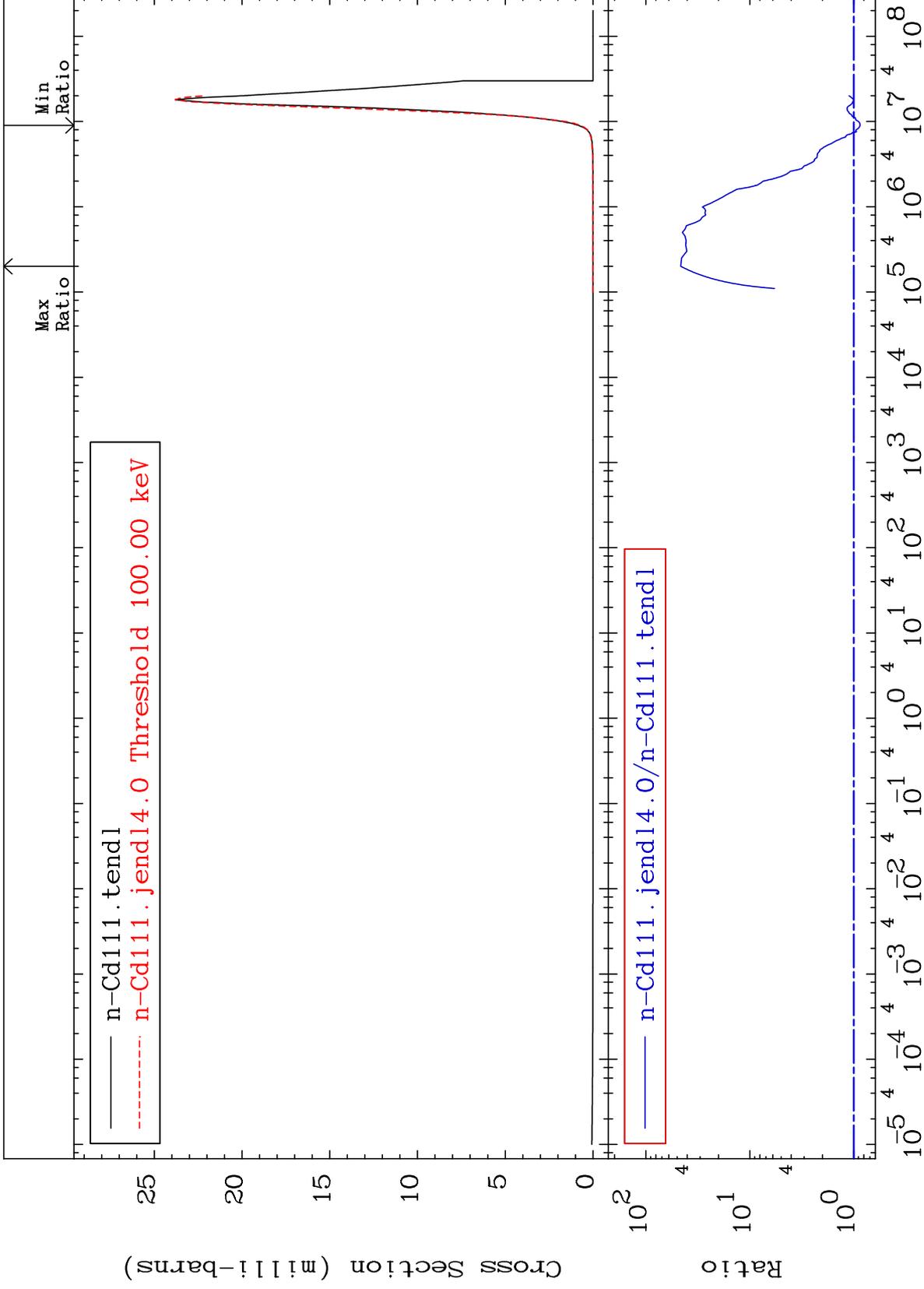
MAT 4840

(n, α)

48-Cd-111

Cross Section

-13.10 To 4515. %



Incident Energy (eV)

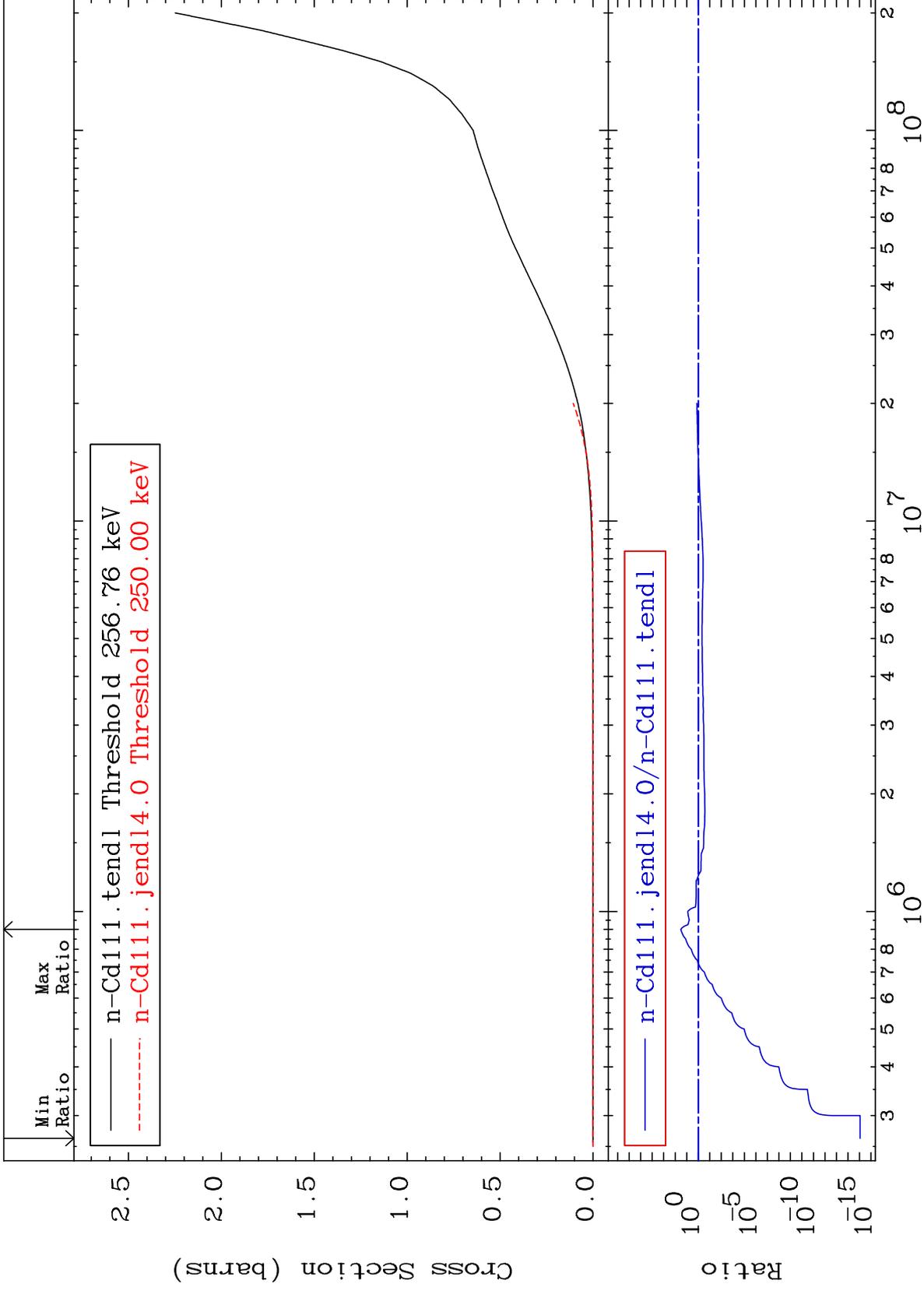
48-Cd-111

44

MAT 4840

Hydrogen Production
Cross Section

48-Cd-111
-100.0 To 3190. %



45

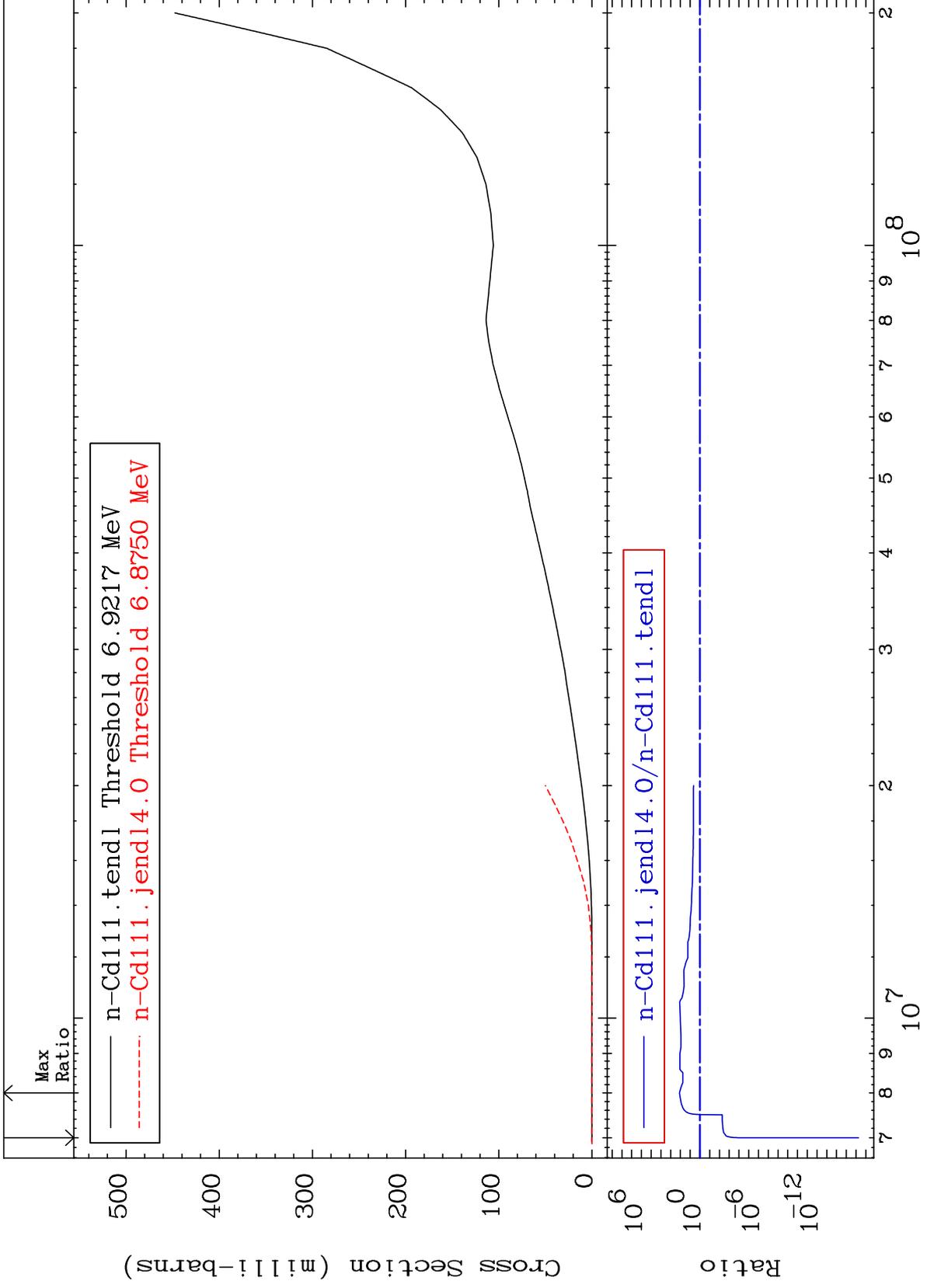
Incident Energy (eV)

48-Cd-111

MAT 4840

Deuterium Production
Cross Section

48-Cd-111
-100.0 To 9999. %



46

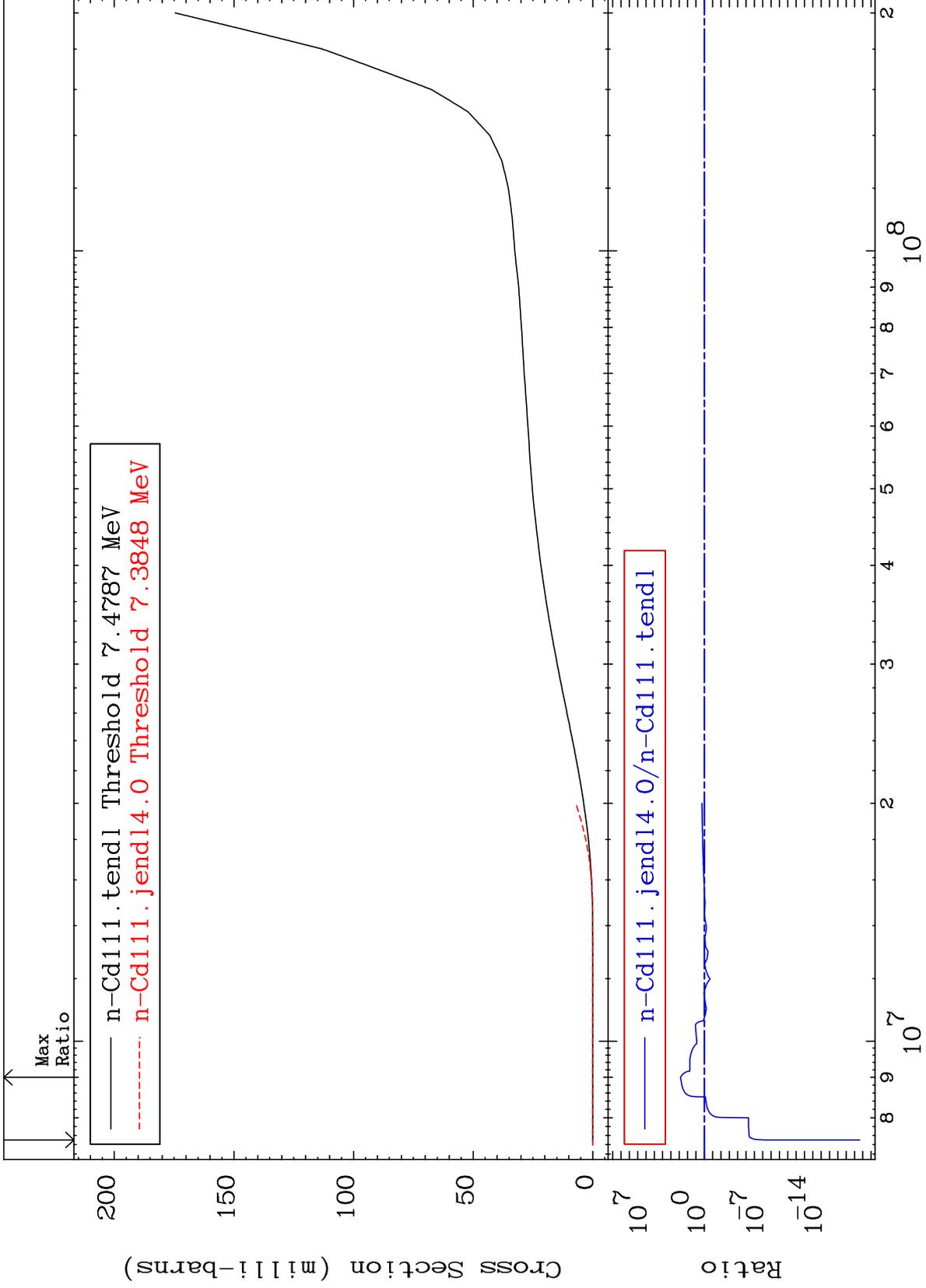
Incident Energy (eV)

48-Cd-111

MAT 4840

Tritium Production
Cross Section

48-Cd-111
-100.0 To 9999. %



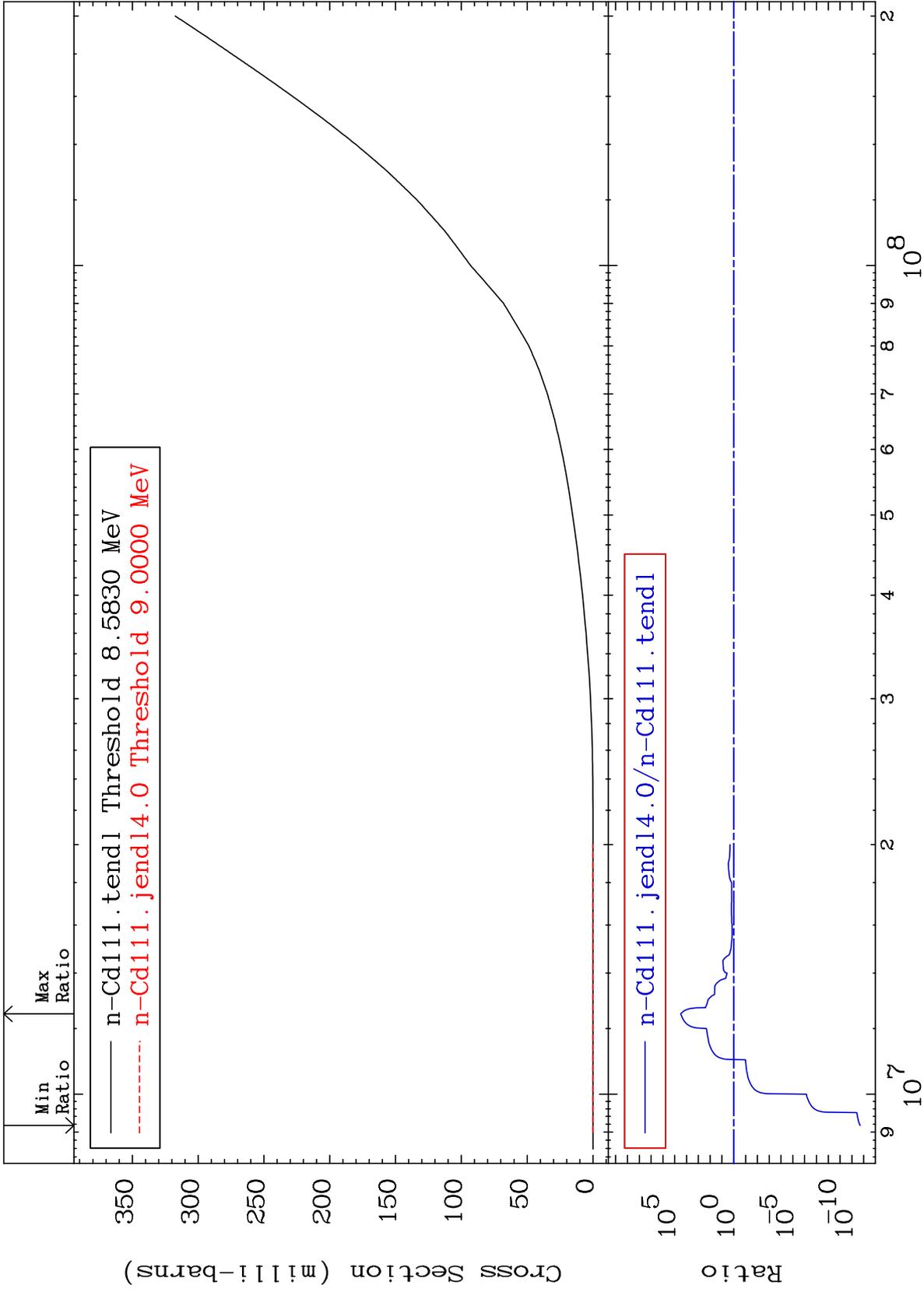
47

48-Cd-111

MAT 4840

He-3 Production
Cross Section

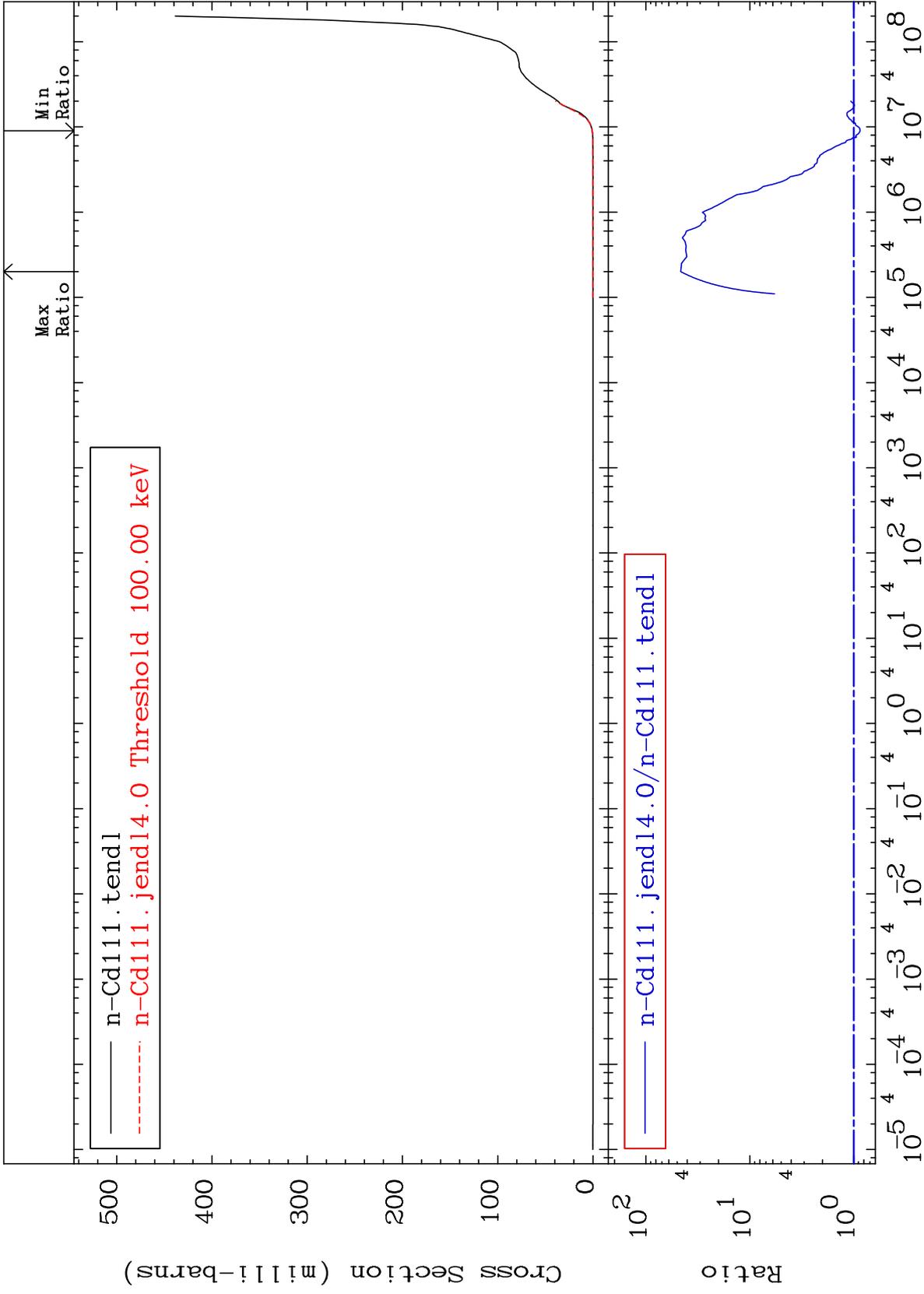
48-Cd-111
-100.0 To 9999. %



48

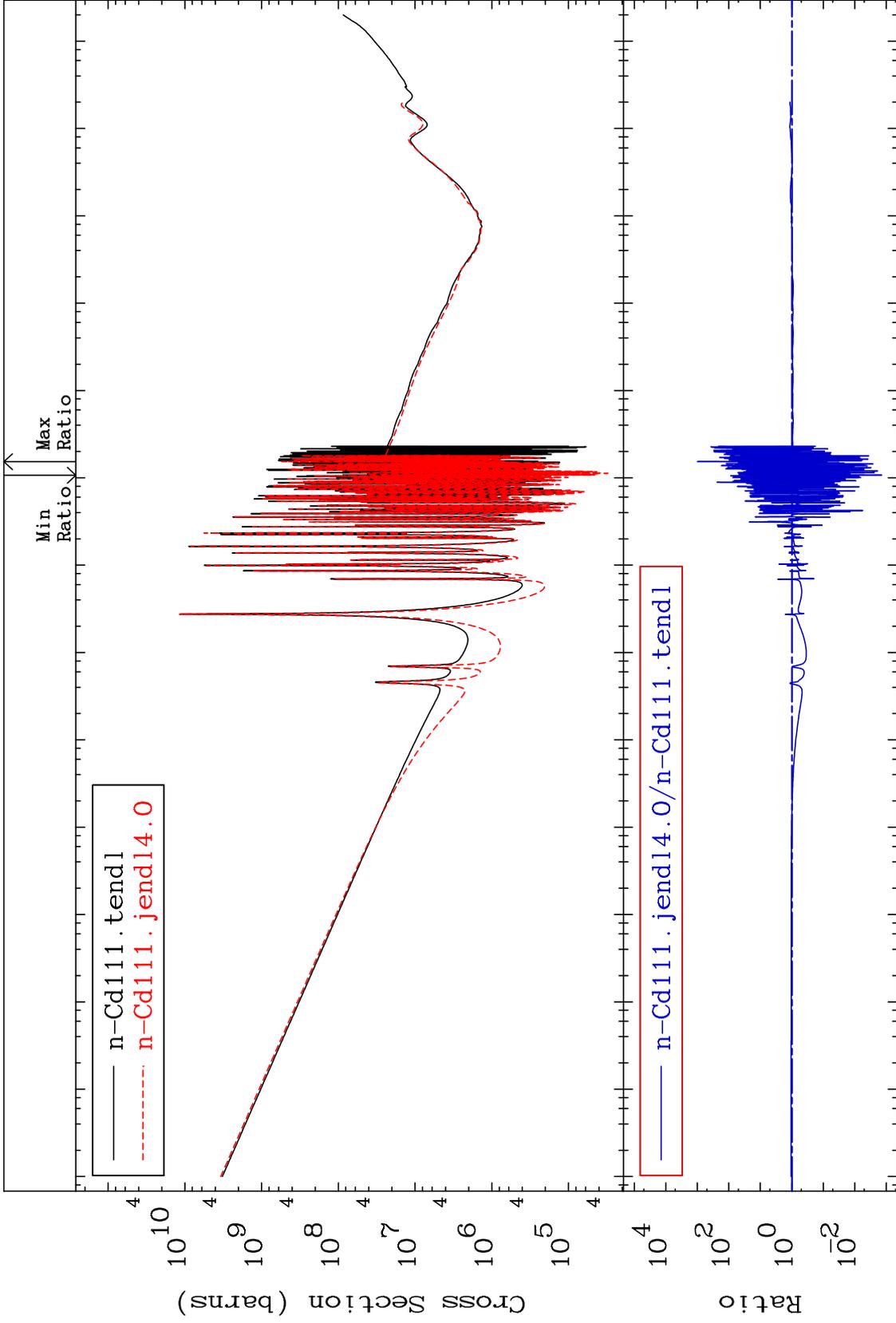
Incident Energy (eV)

48-Cd-111



Cross Section

-99.86 To 9999. %

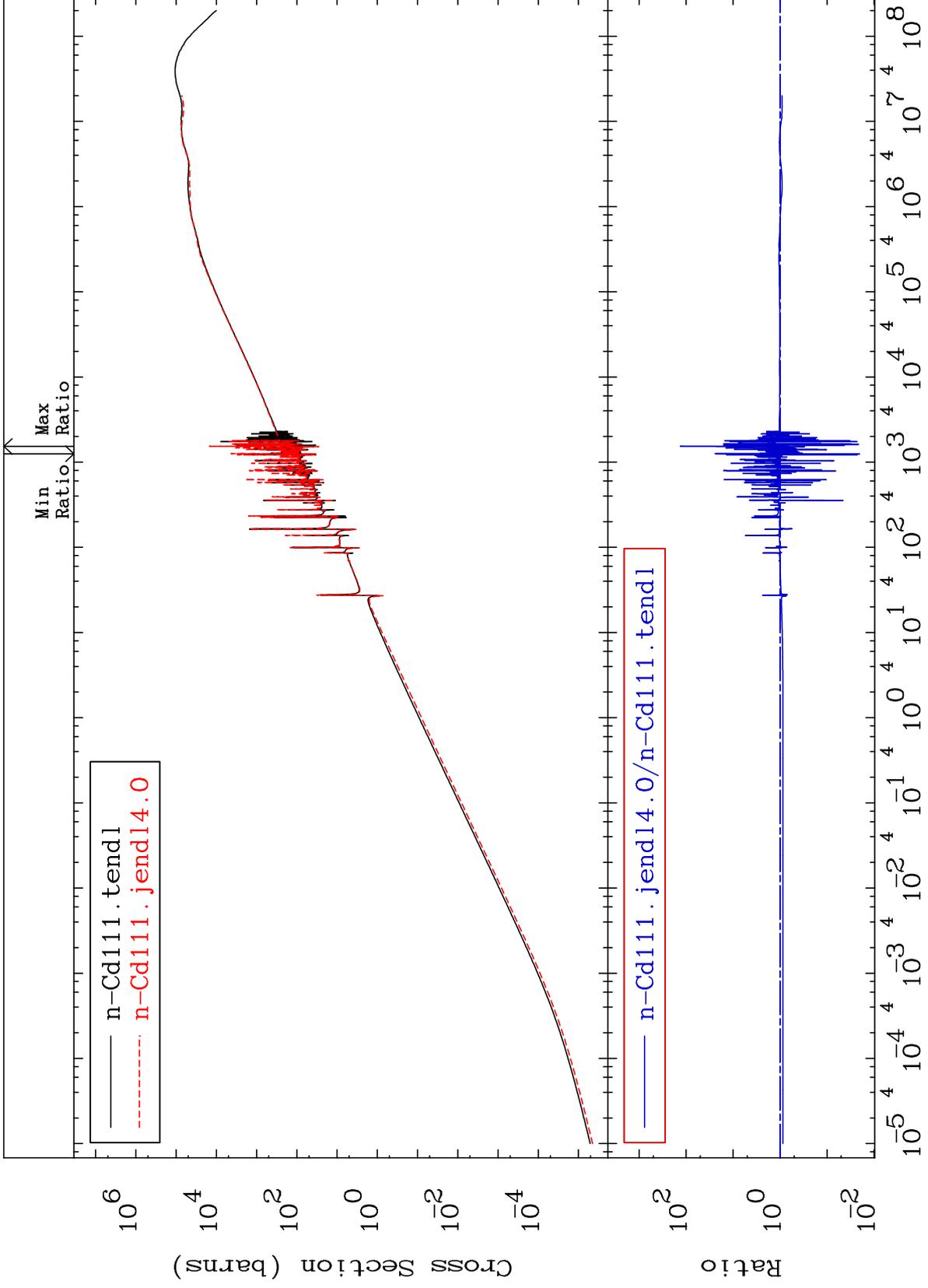


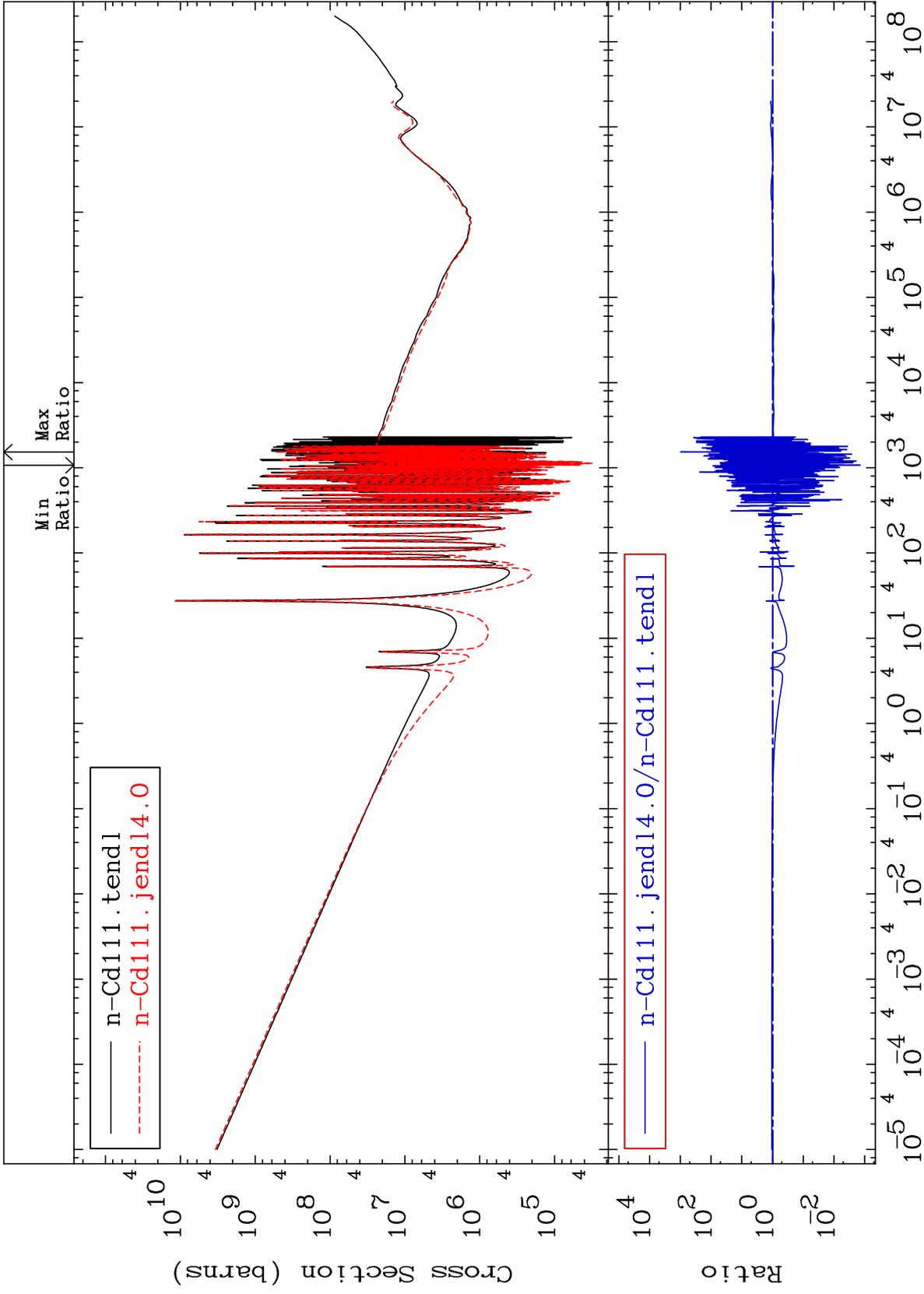
Incident Energy (eV)

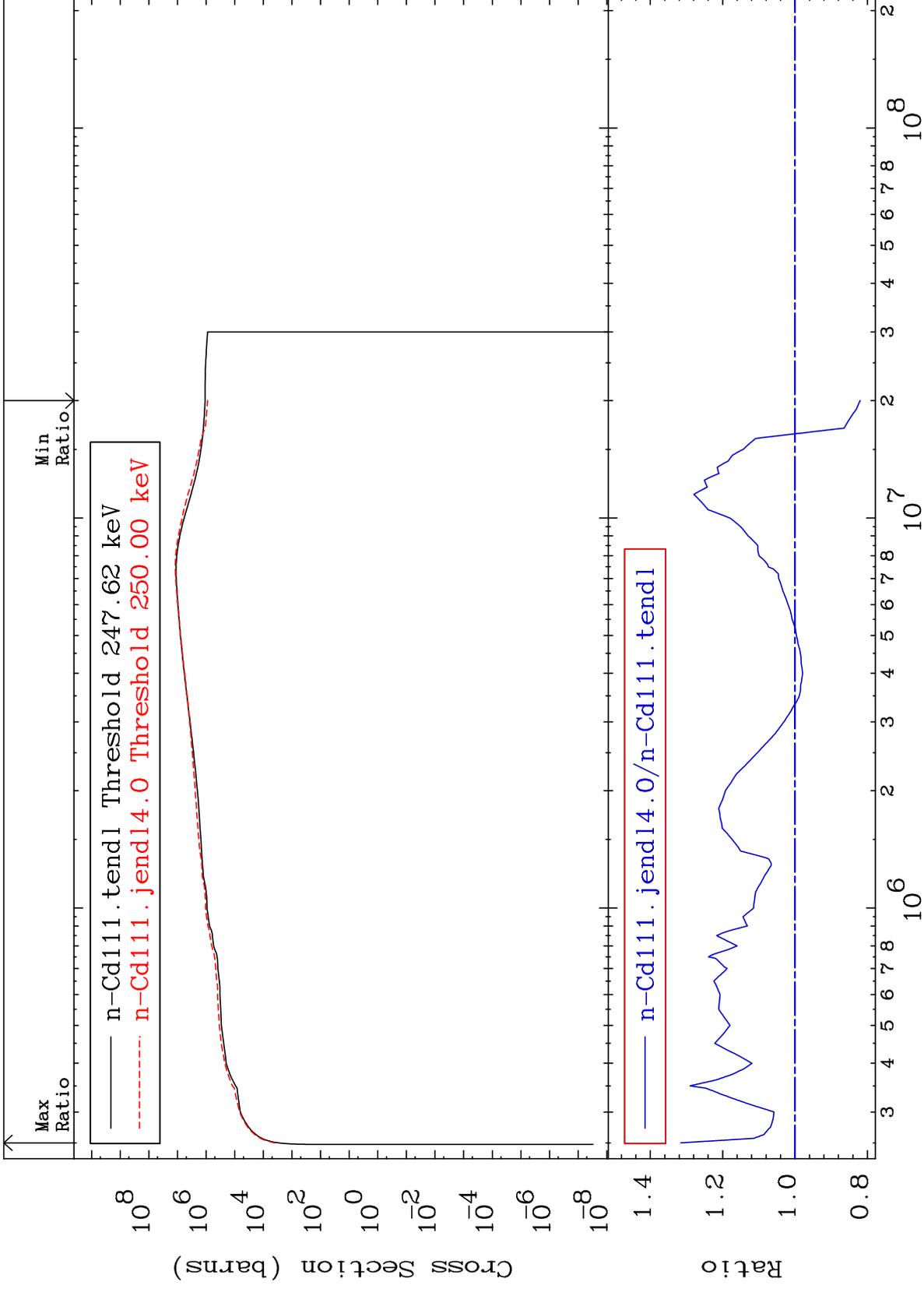
MAT 4840

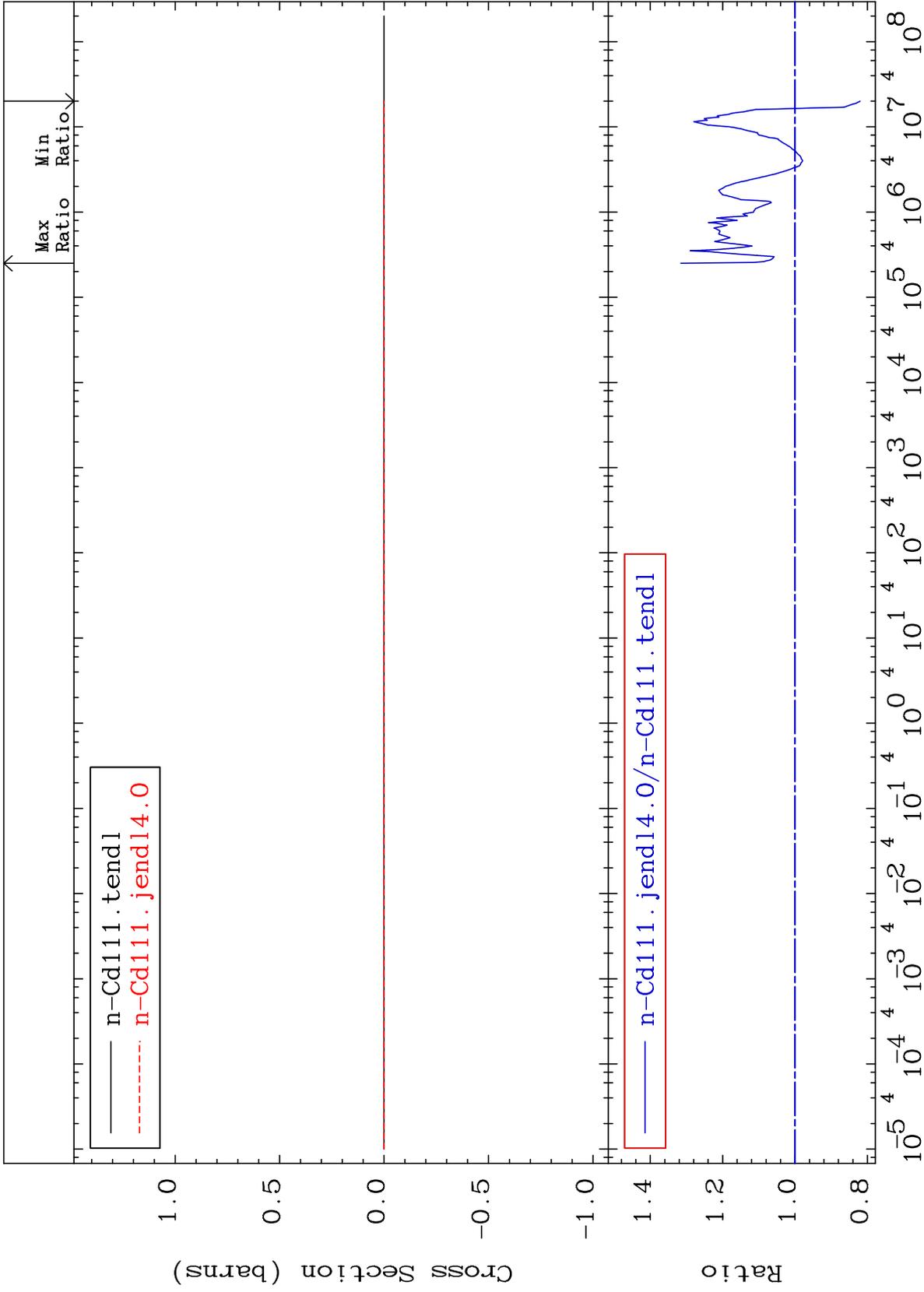
Kerma elastic
Cross Section

48-Cd-111
-97.96 To 9999. %





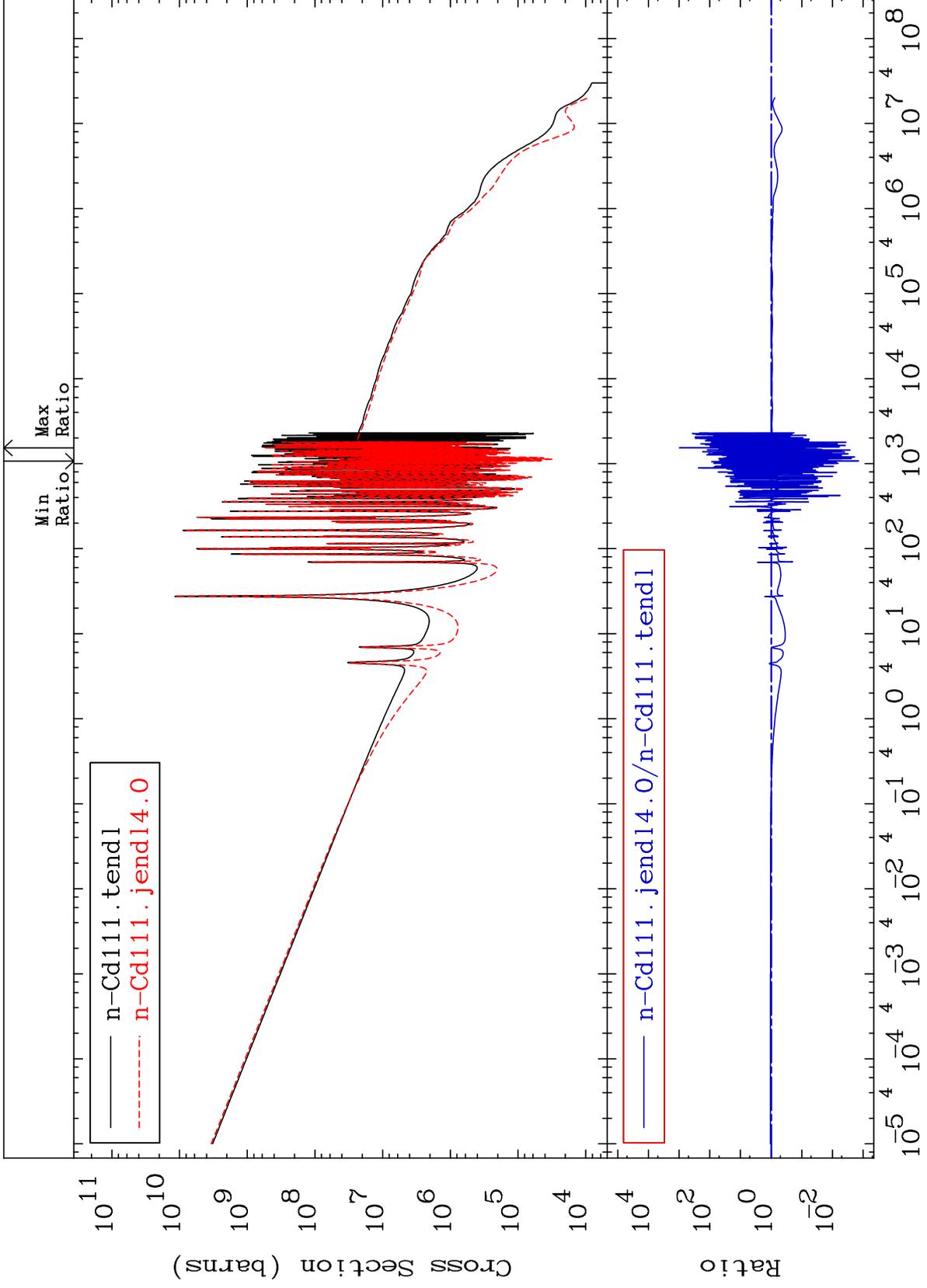




MAT 4840

Kerma capture (mt102)
Cross Section

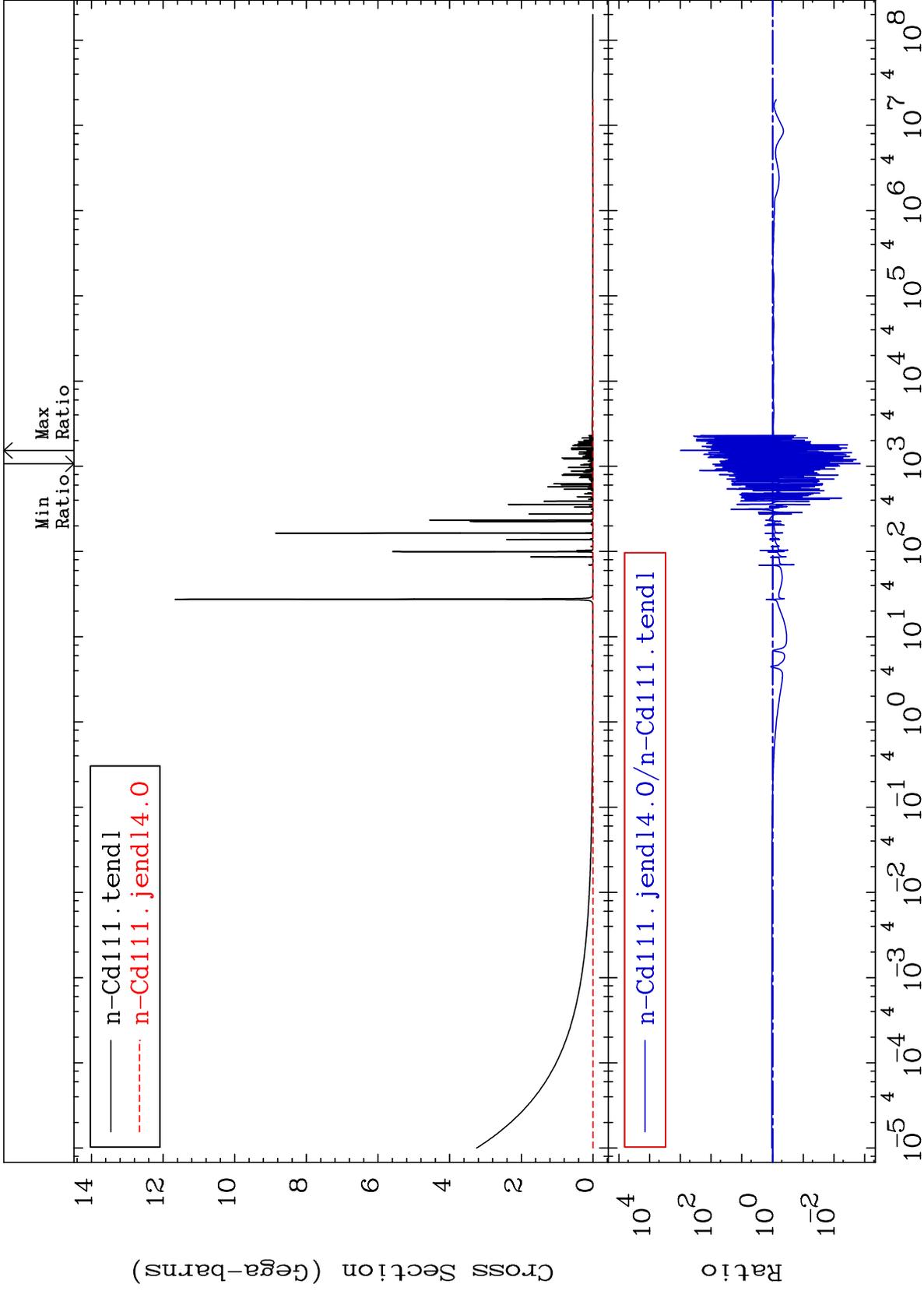
48-Cd-111
-99.86 To 9999. %

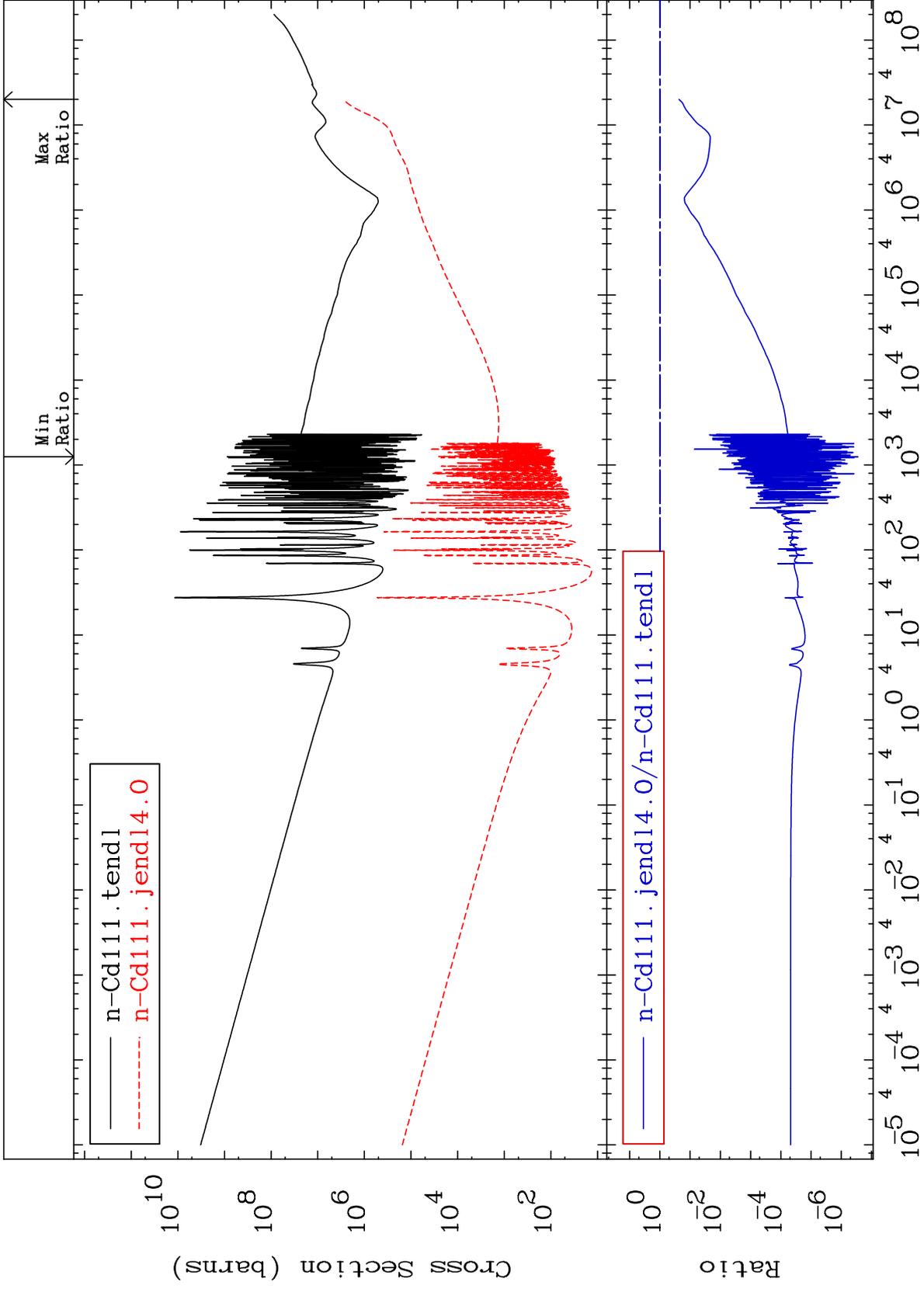


55

Incident Energy (eV)

48-Cd-111





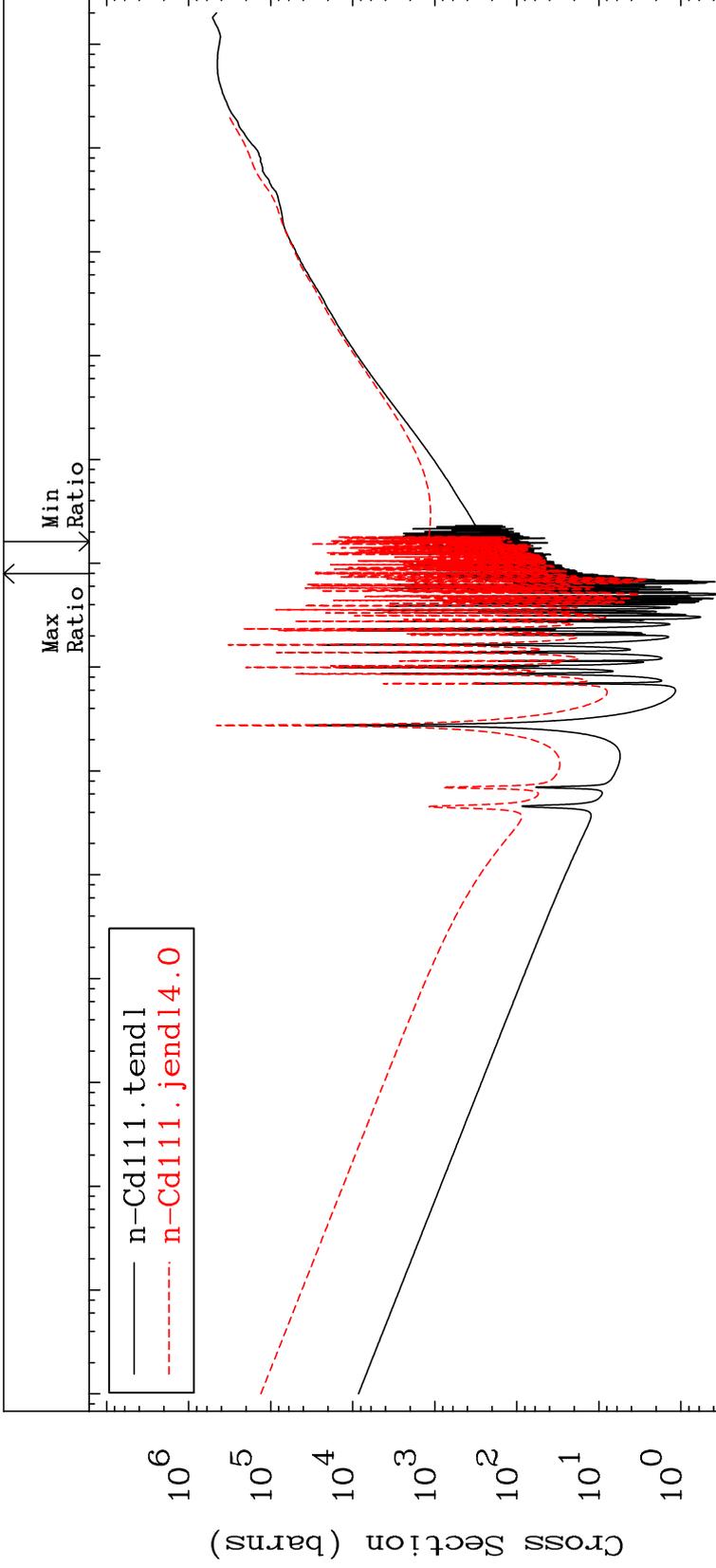
MAT 4840

Dpa total (eV-barns)

48-Cd-111

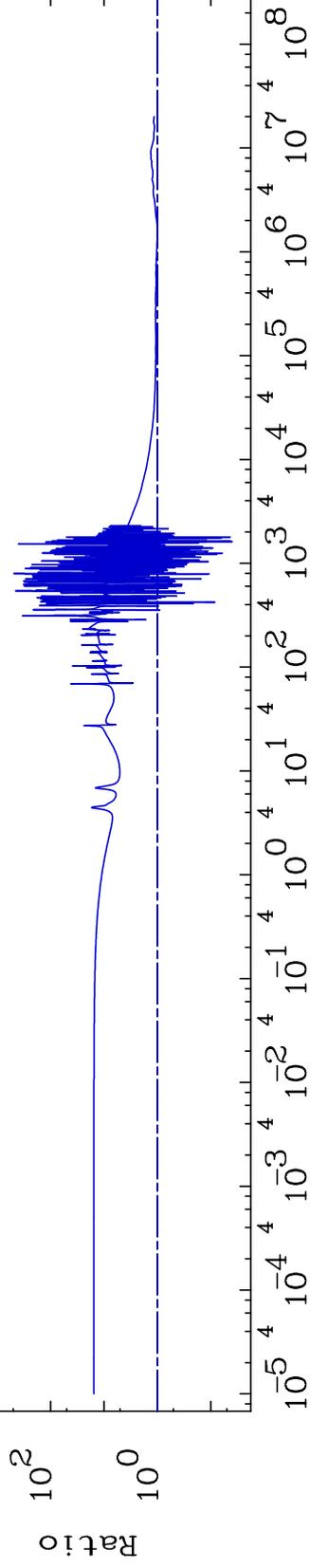
-96.01 To 9999. %

Cross Section



— n-Cd111.tendl
- - - n-Cd111.jendl4.0

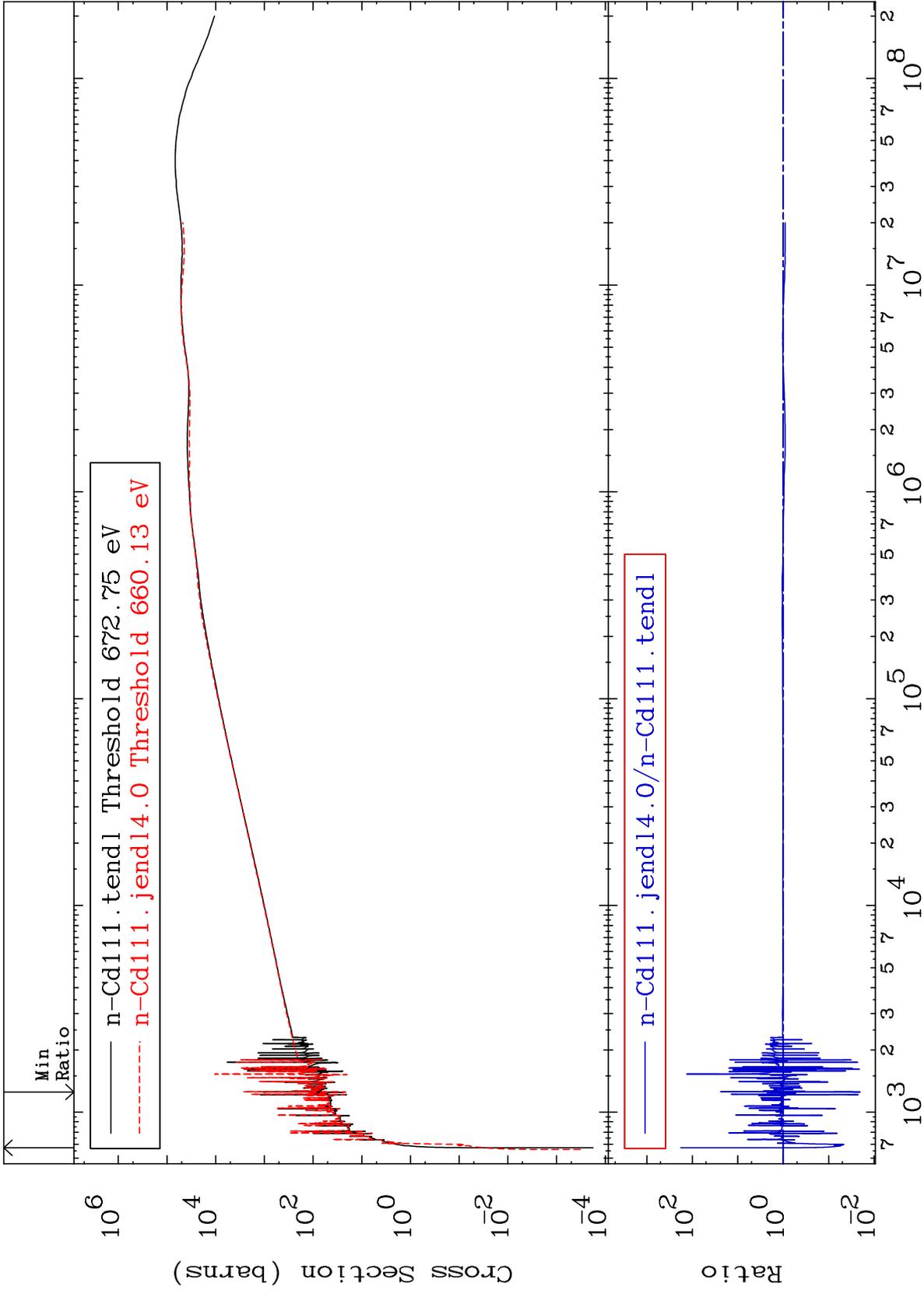
— n-Cd111.jendl4.0/n-Cd111.tendl



58

Incident Energy (eV)

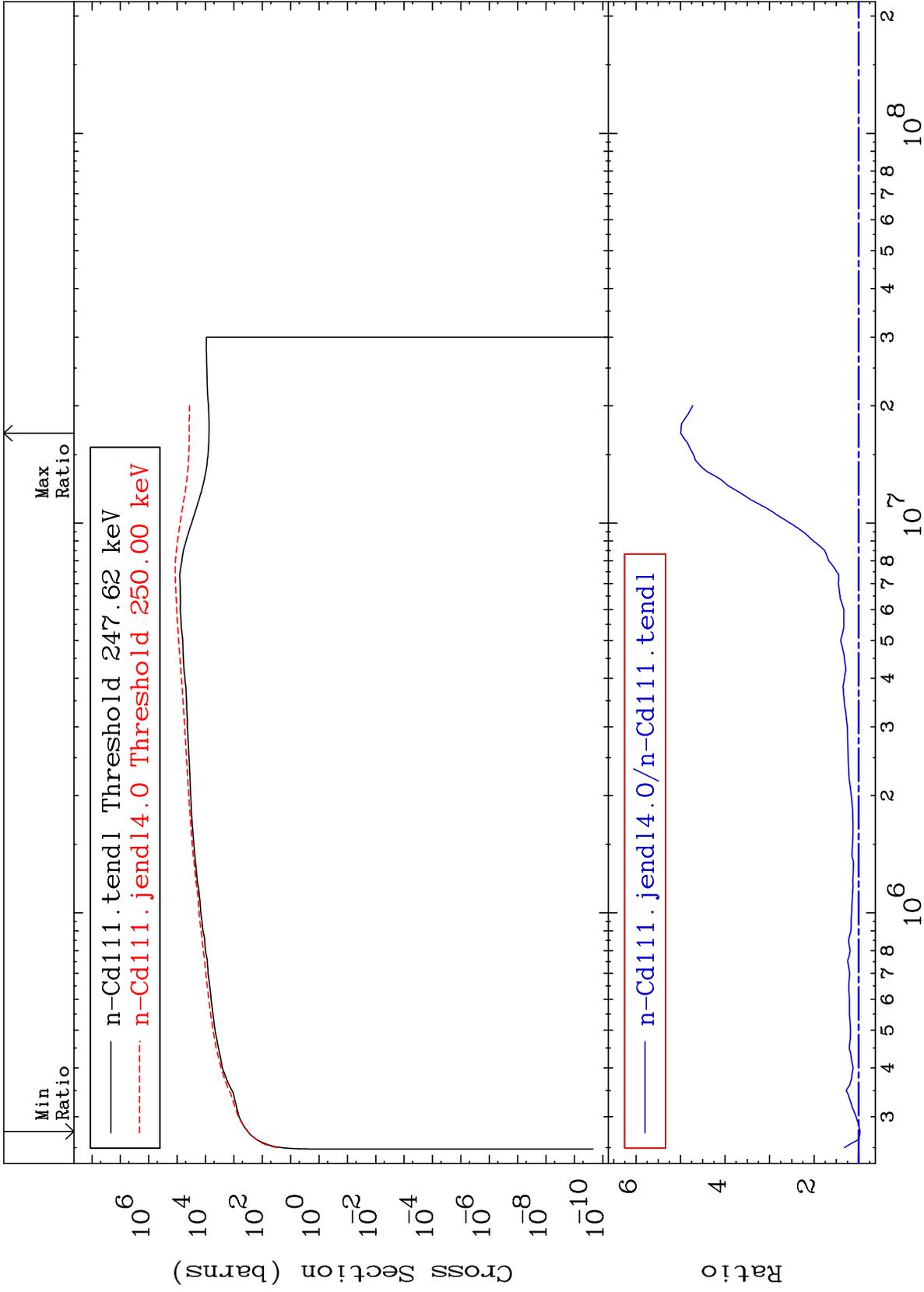
48-Cd-111



MAT 4840

Dpa inelastic (mt51-91)
Cross Section

48-Cd-111
-3.325 To 399.4 %



60

48-Cd-111

48-Cd-111

