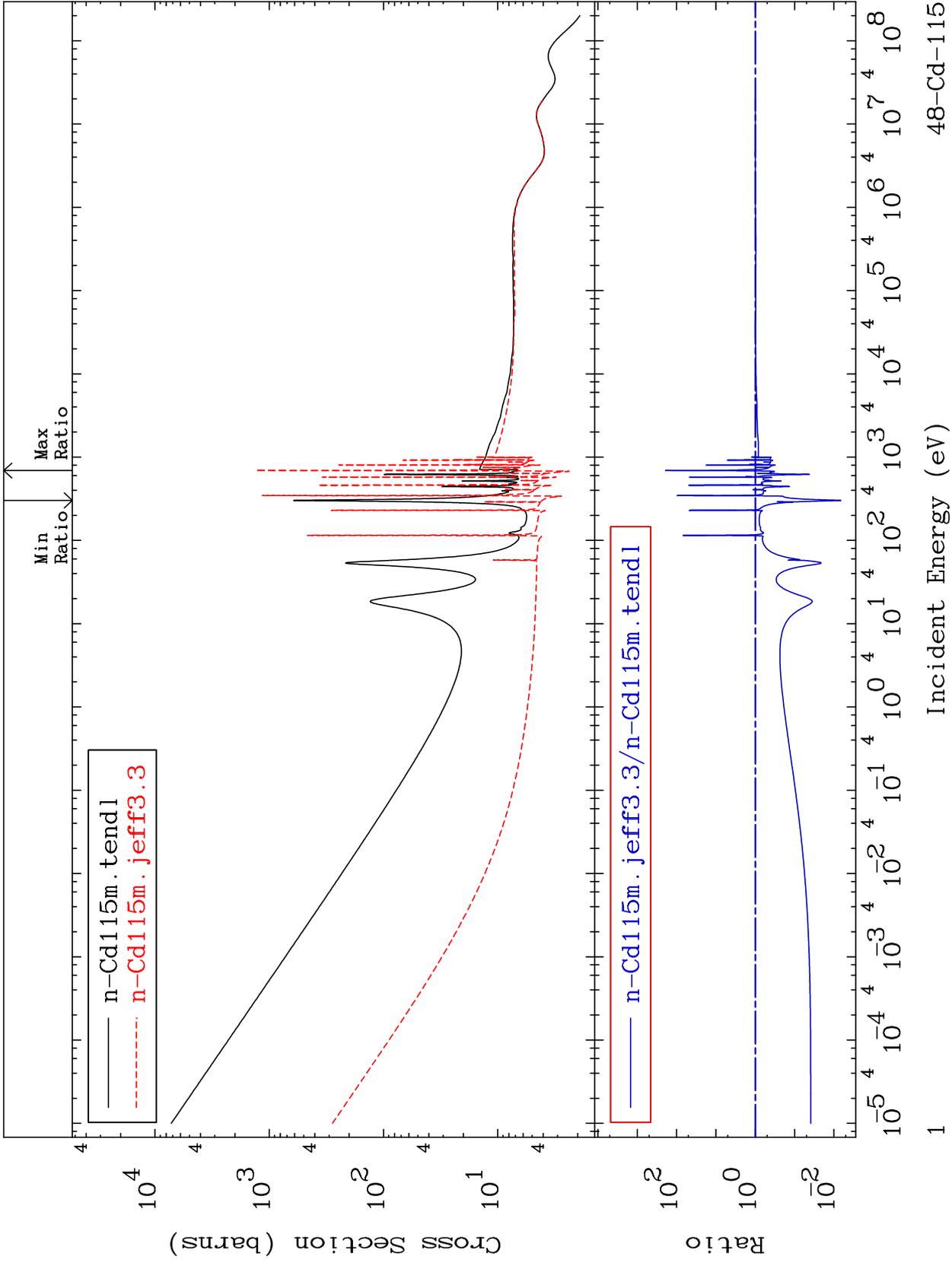


MAT 4853

Total Cross Section
48-Cd-115
-99.33 To 9999. %

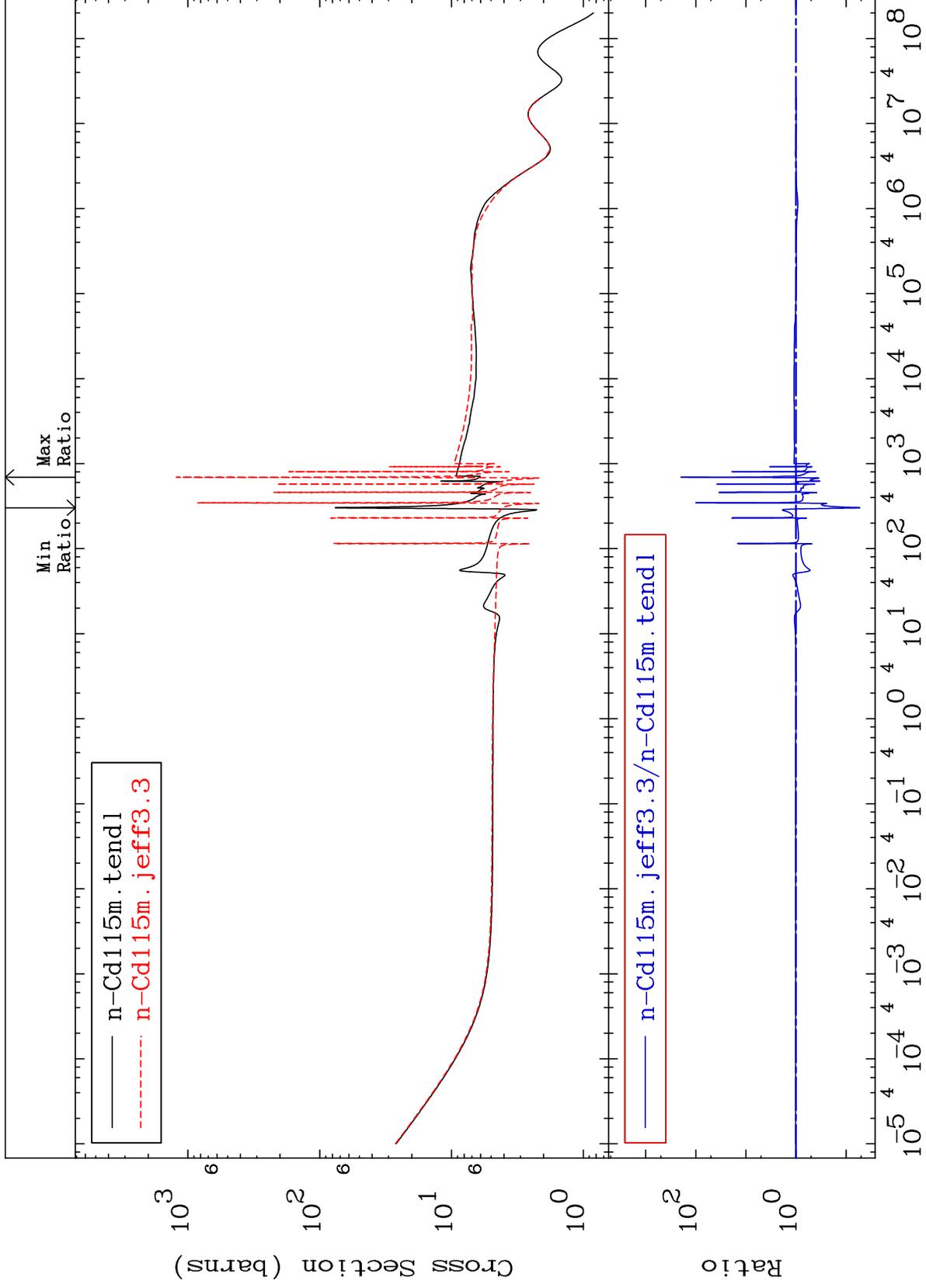


48-Cd-115

MAT 4853

Elastic
Cross Section

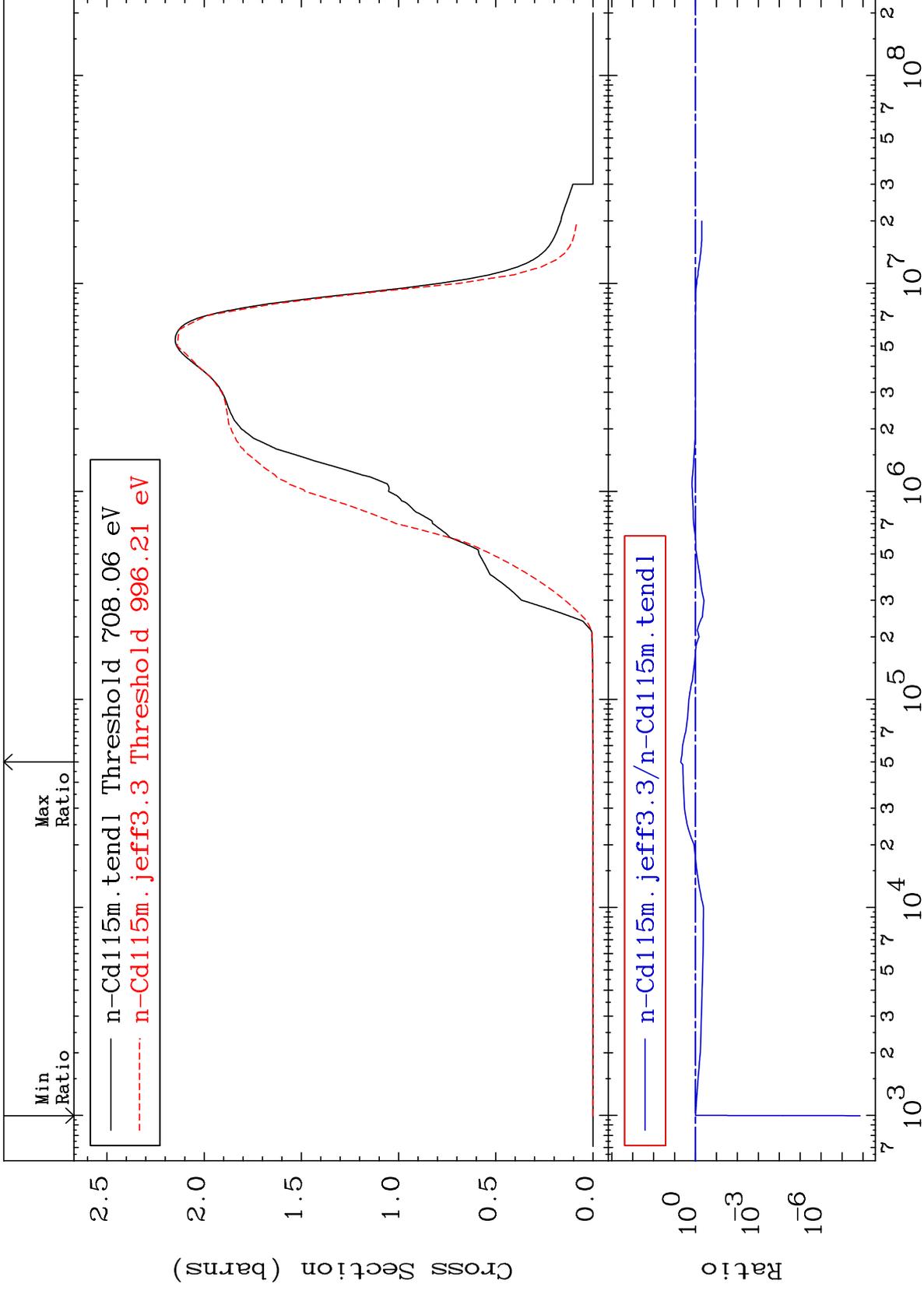
48-Cd-115
-94.70 To 9999. %



MAT 4853

Inelastic
Cross Section

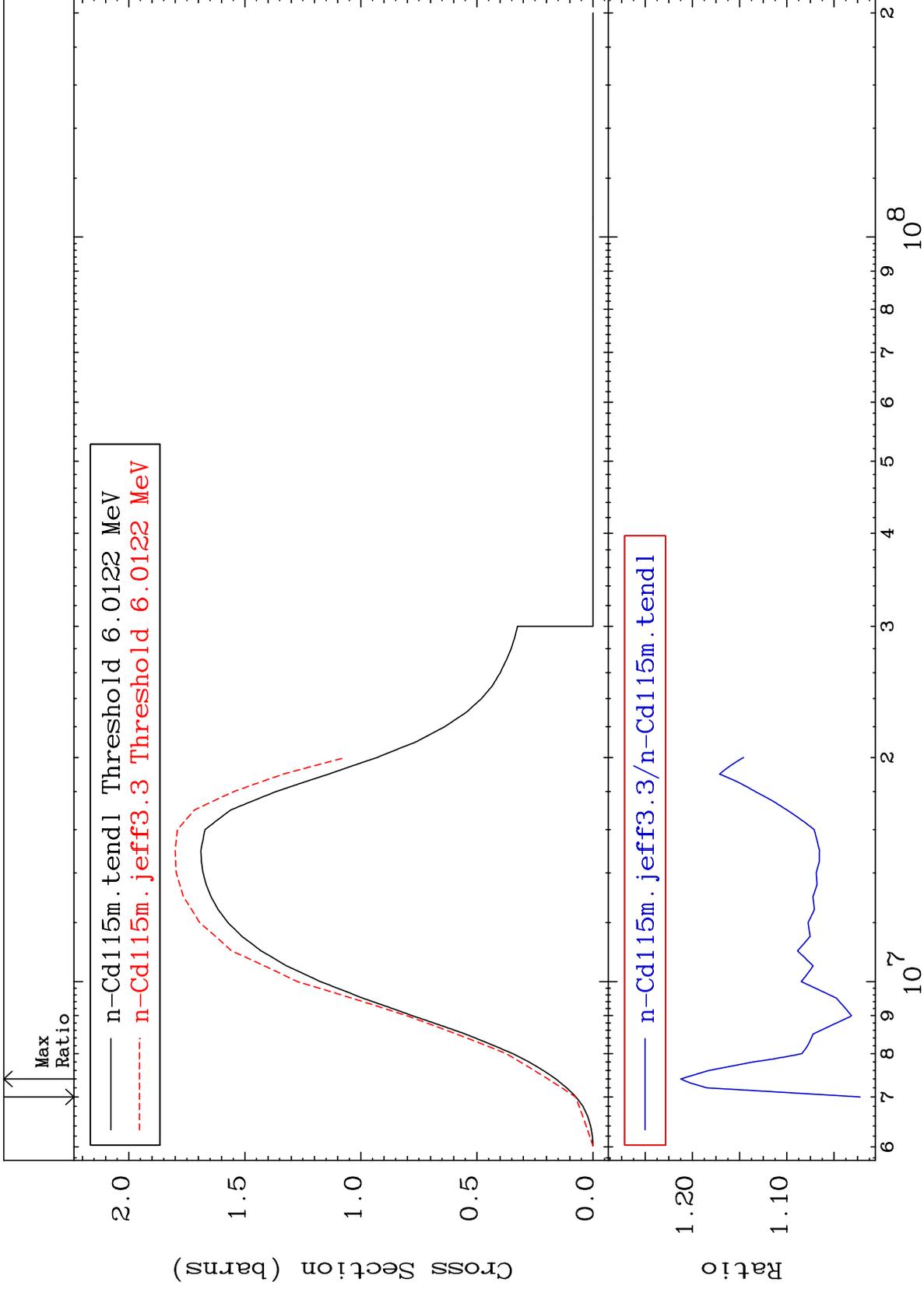
48-Cd-115
-100.0 To 405.4 %



MAT 4853

(n,2n)
Cross Section

48-Cd-115
2.243 To 21.24 %



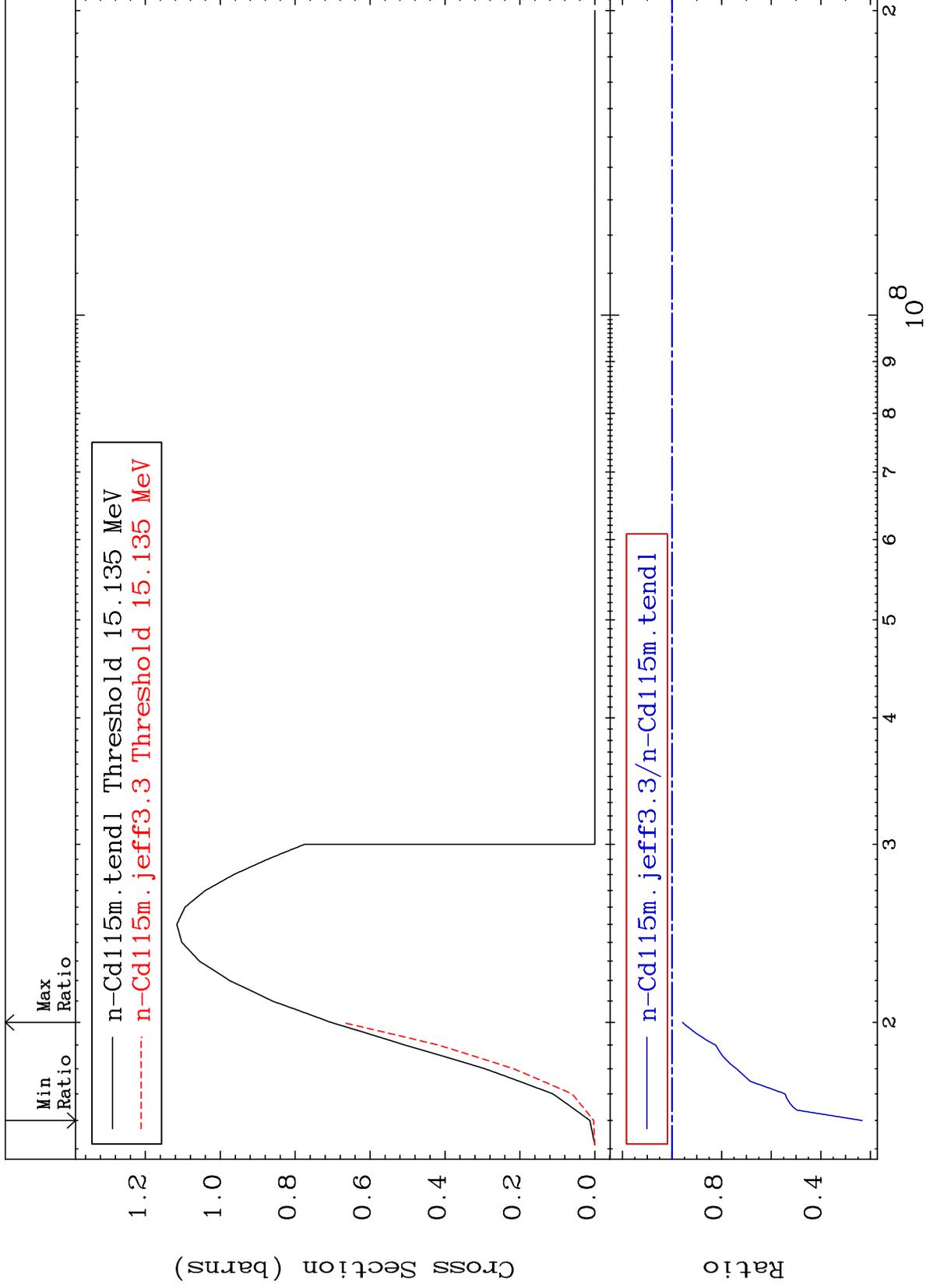
MAT 4853

(n,3n)

48-Cd-115

Cross Section

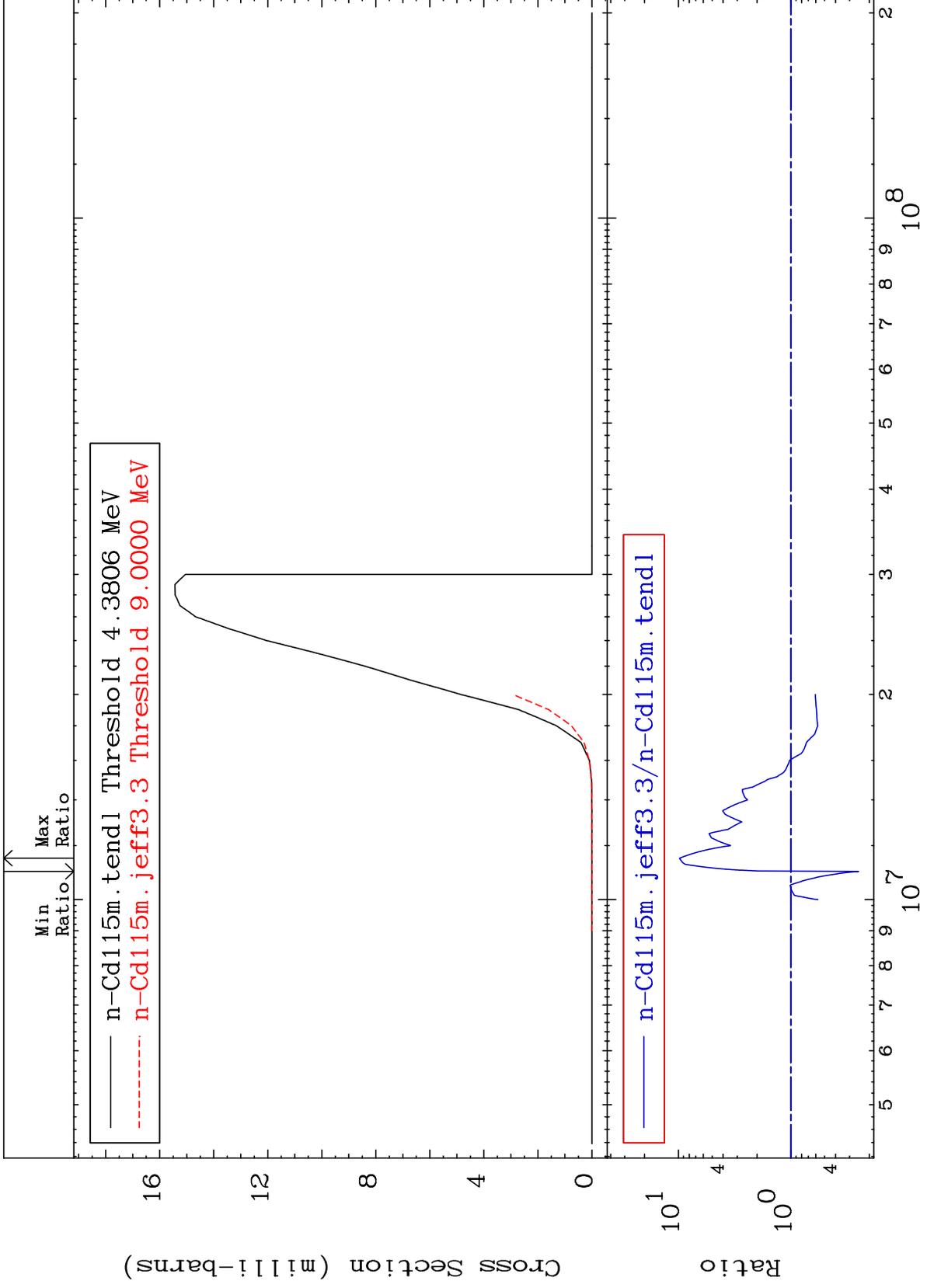
-76.62 To -4.291%



MAT 4853

(n,n') α
Cross Section

48-Cd-115
-75.02 To 876.3 %



6

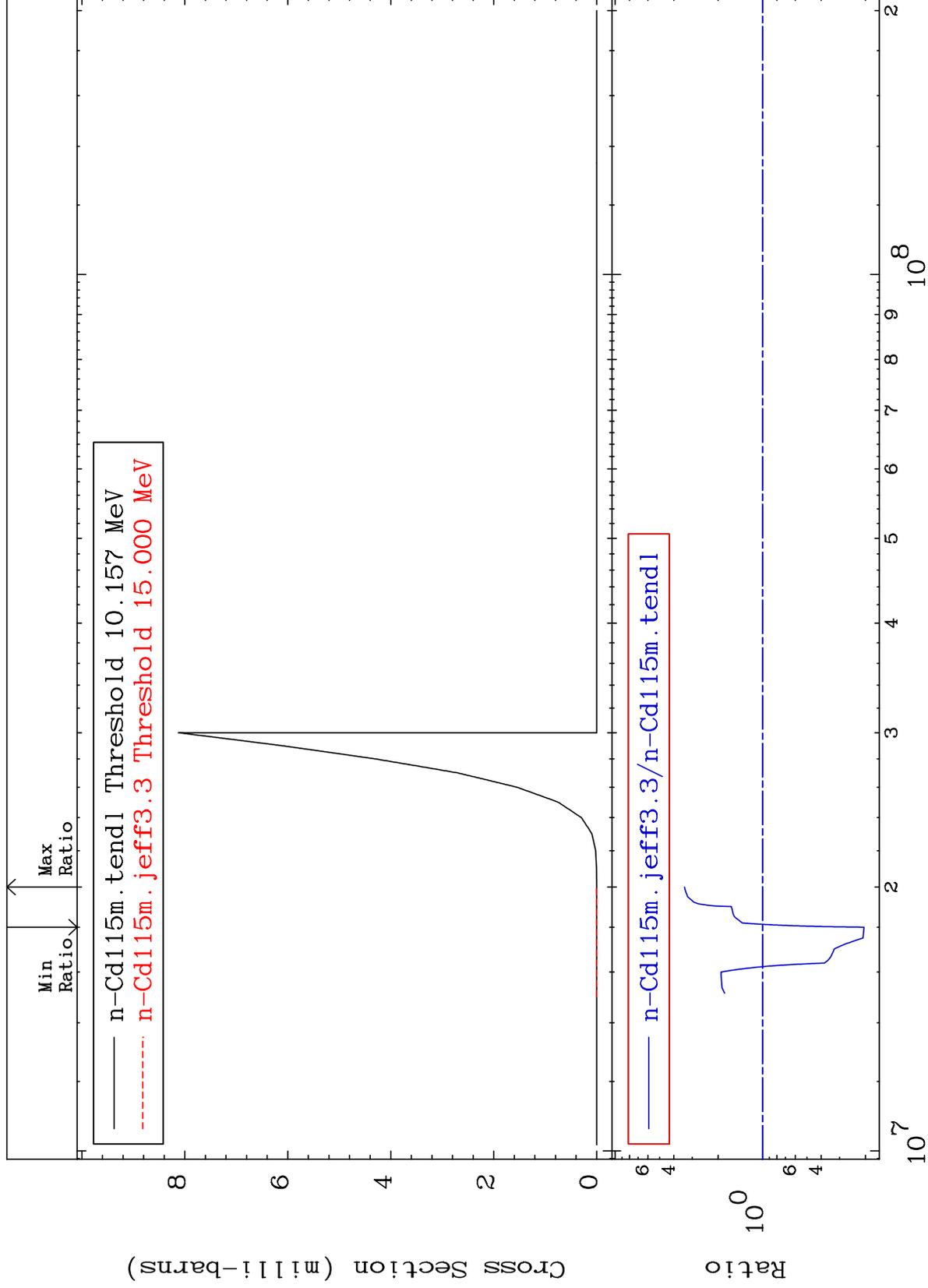
48-Cd-115

48-Cd-115

MAT 4853

(n,2n) α
Cross Section

48-Cd-115
-79.52 To 238.4 %



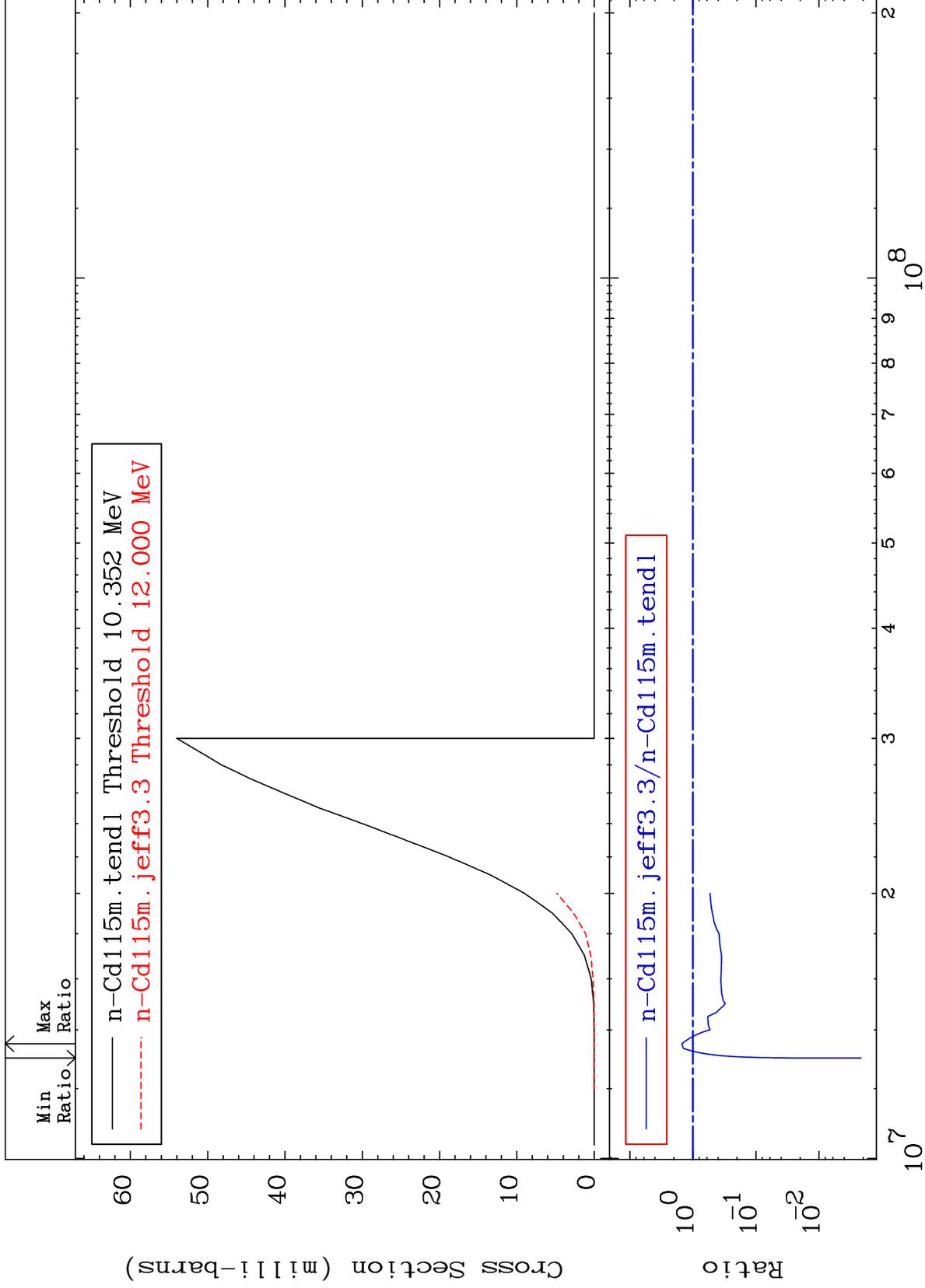
48-Cd-115

7

MAT 4853

(n,n') p
Cross Section

48-Cd-115
-99.78 To 49.87 %



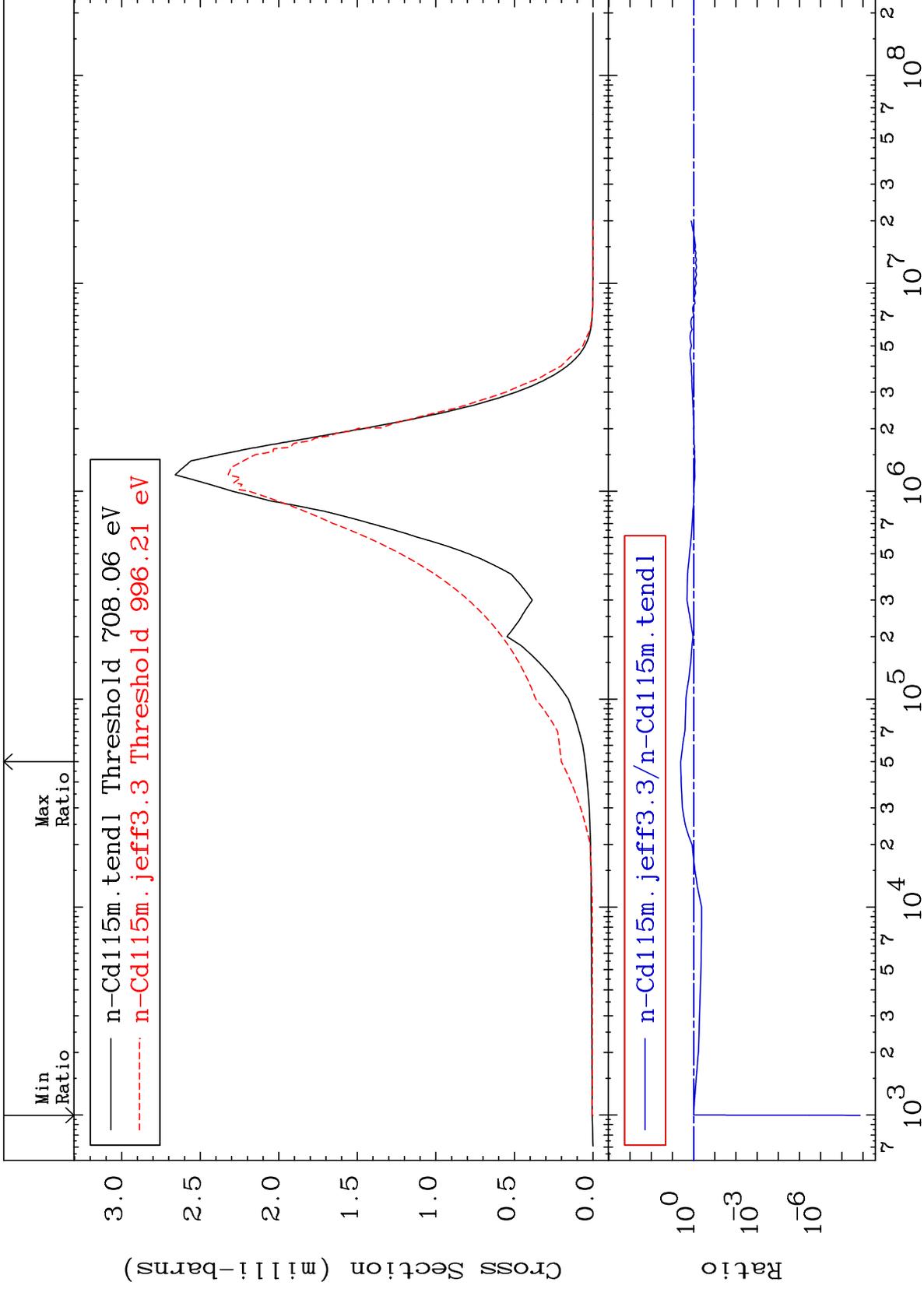
48-Cd-115

48-Cd-115

MAT 4853

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

48-Cd-115
-100.0 To 303.0 %



10

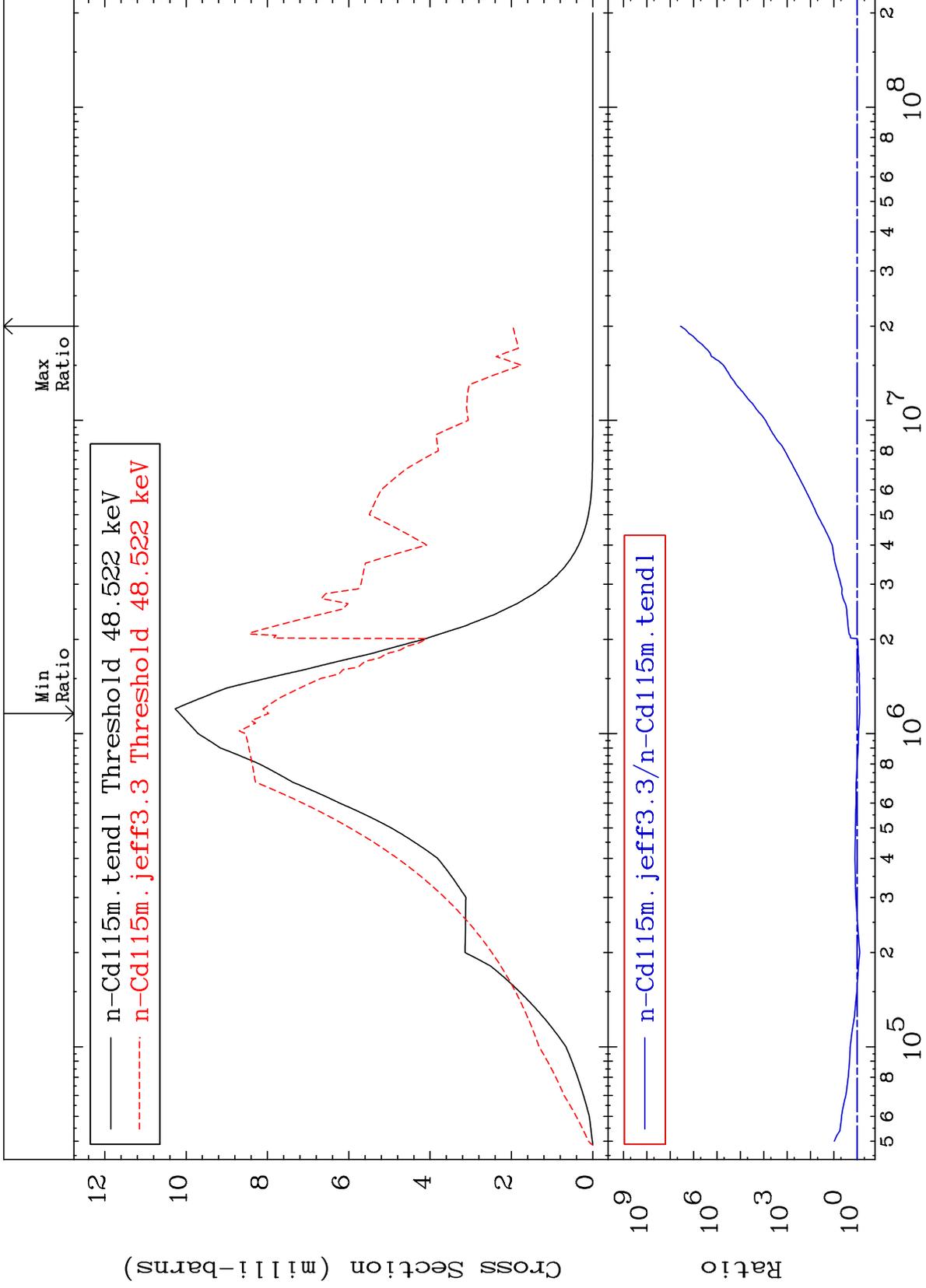
Incident Energy (eV)

48-Cd-115

MAT 4853

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

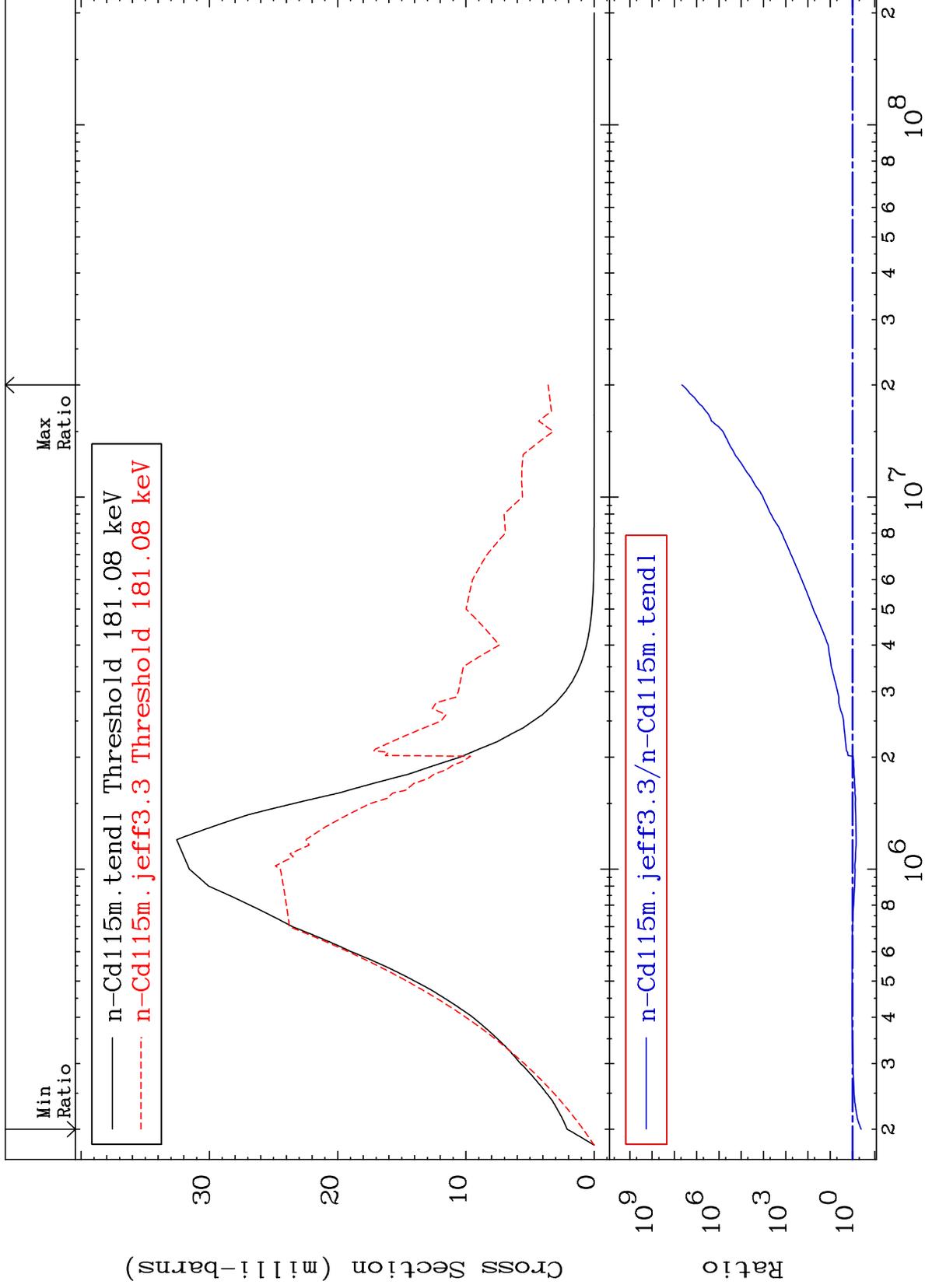
48-Cd-115
-21.56 To 9999. %



MAT 4853

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

48-Cd-115
-58.96 To 9999. %



12

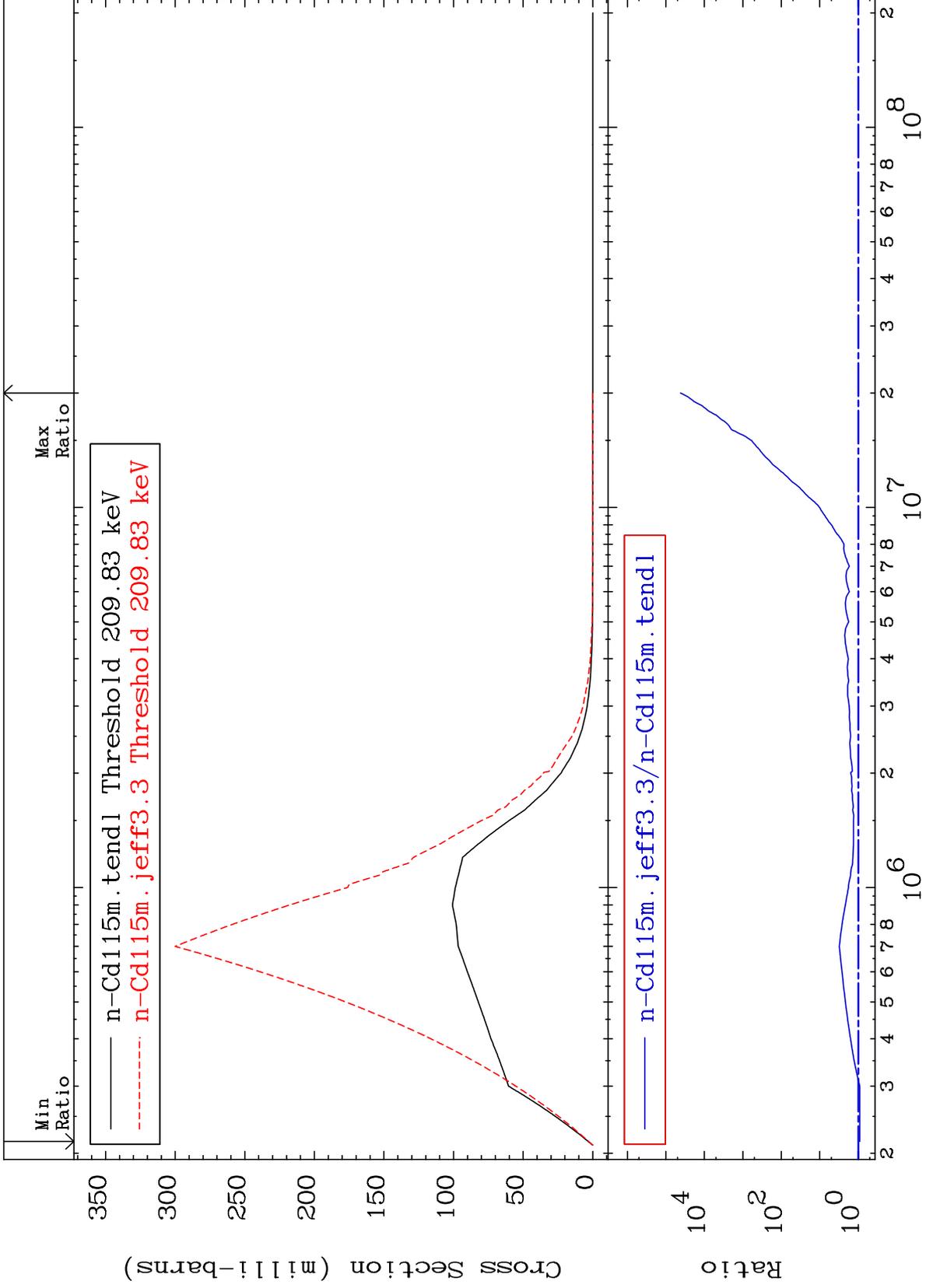
Incident Energy (eV)

48-Cd-115

MAT 4853

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

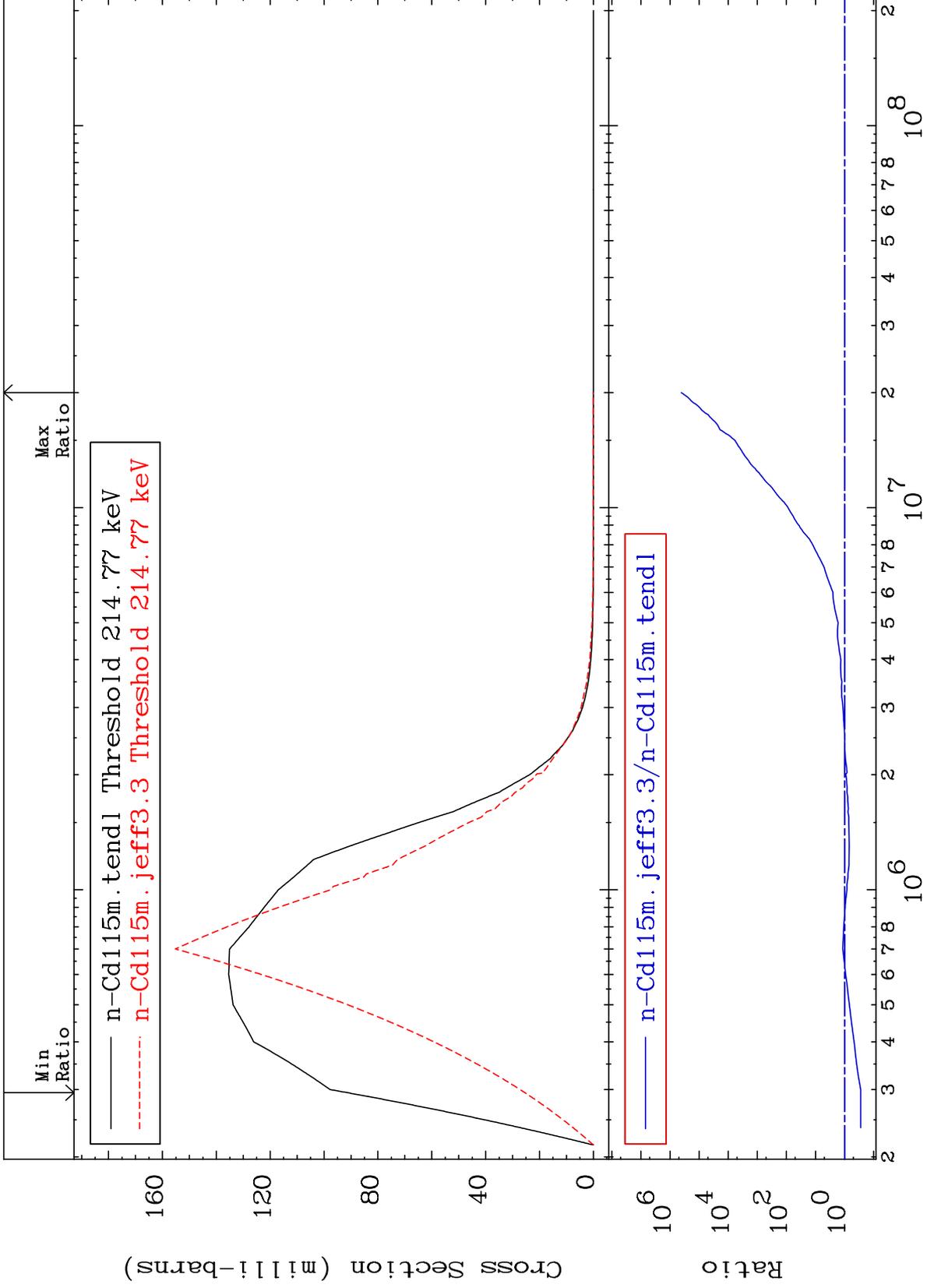
48-Cd-115
-8.707 To 9999. %



MAT 4853

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

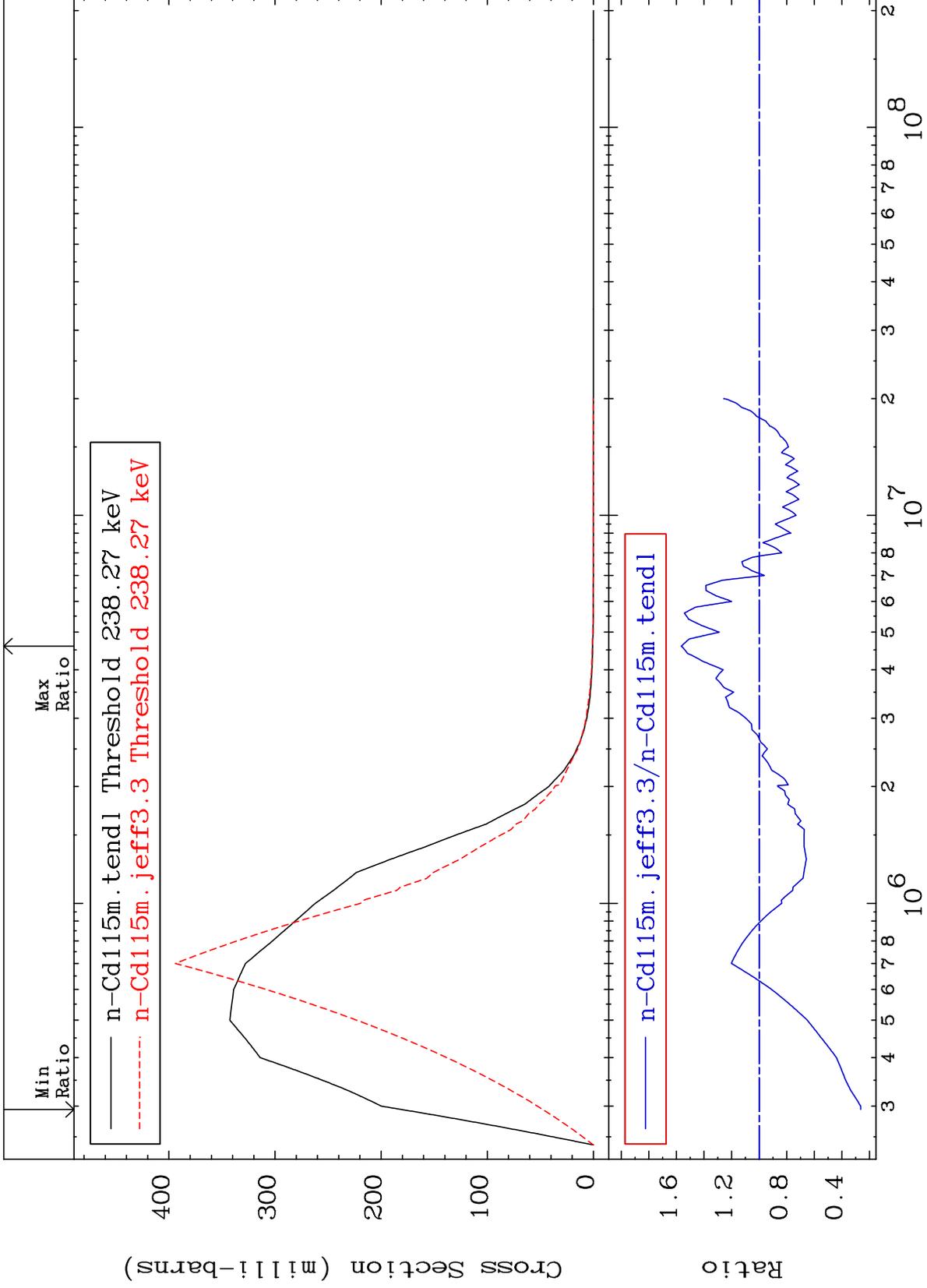
48-Cd-115
-72.13 To 9999. %



MAT 4853

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

48-Cd-115
-73.63 To 56.50 %



15

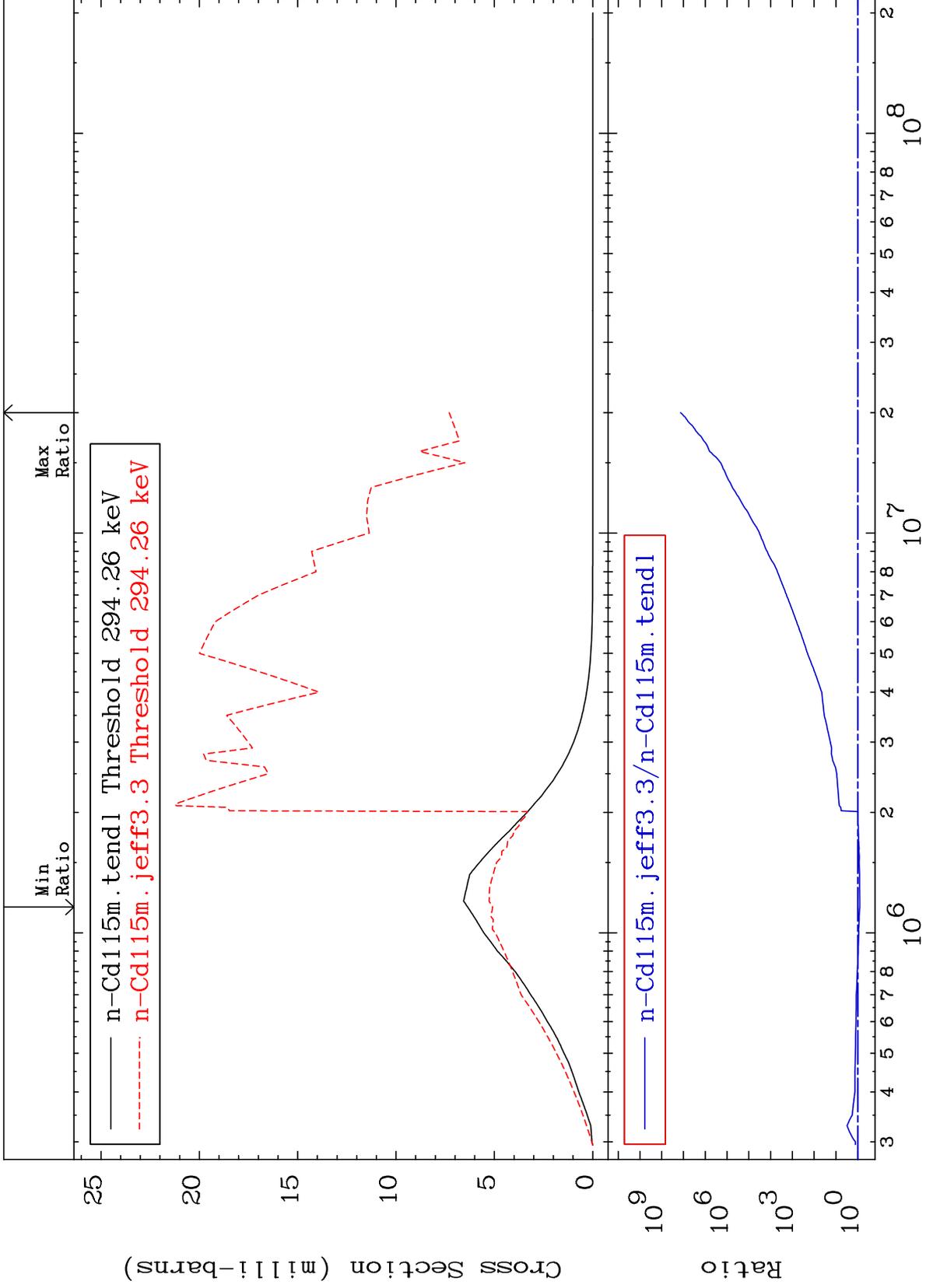
Incident Energy (eV)

48-Cd-115

MAT 4853

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

48-Cd-115
-19.98 To 9999. %



16

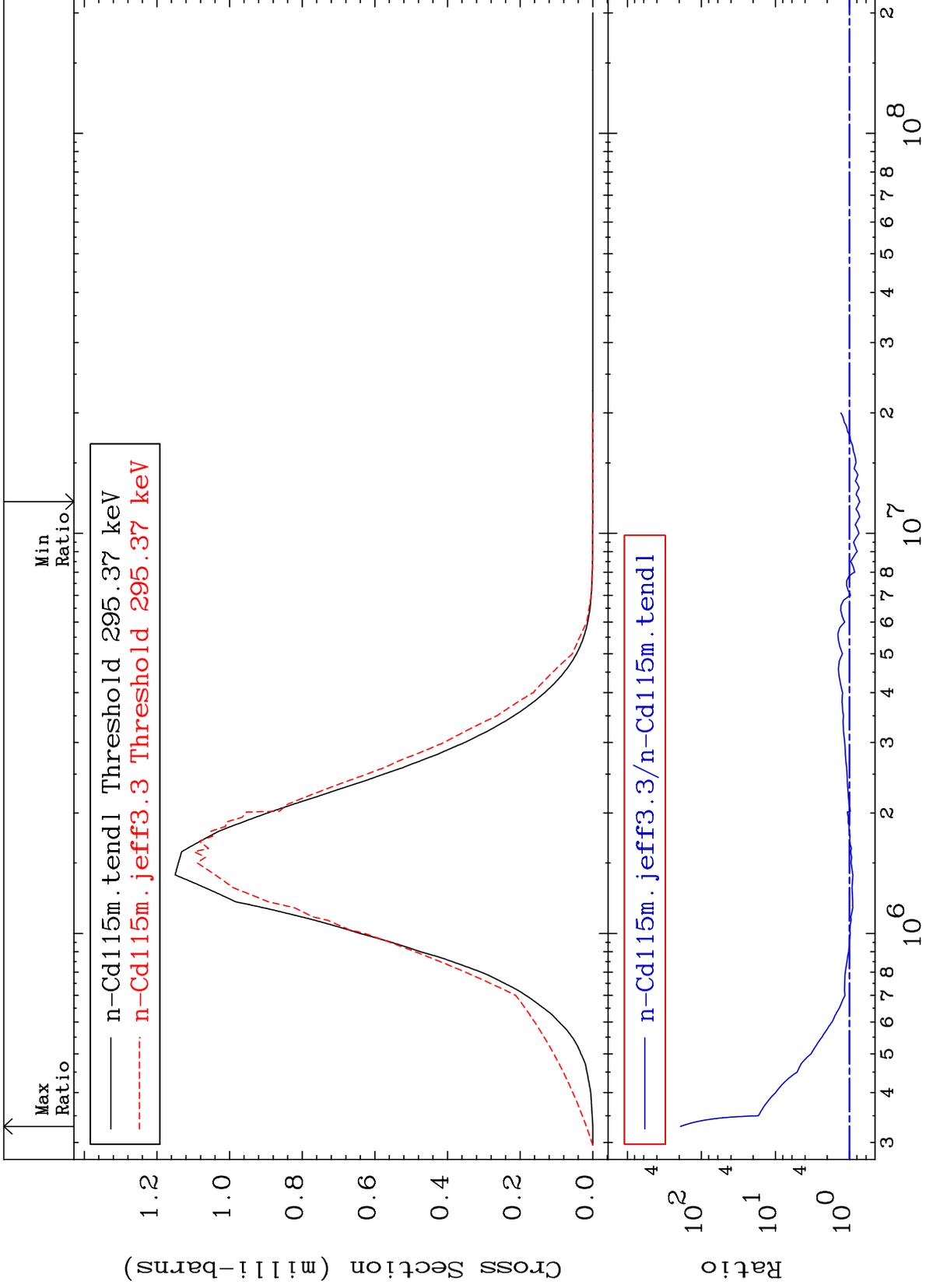
Incident Energy (eV)

48-Cd-115

MAT 4853

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

48-Cd-115
-27.14 To 9999. %



17

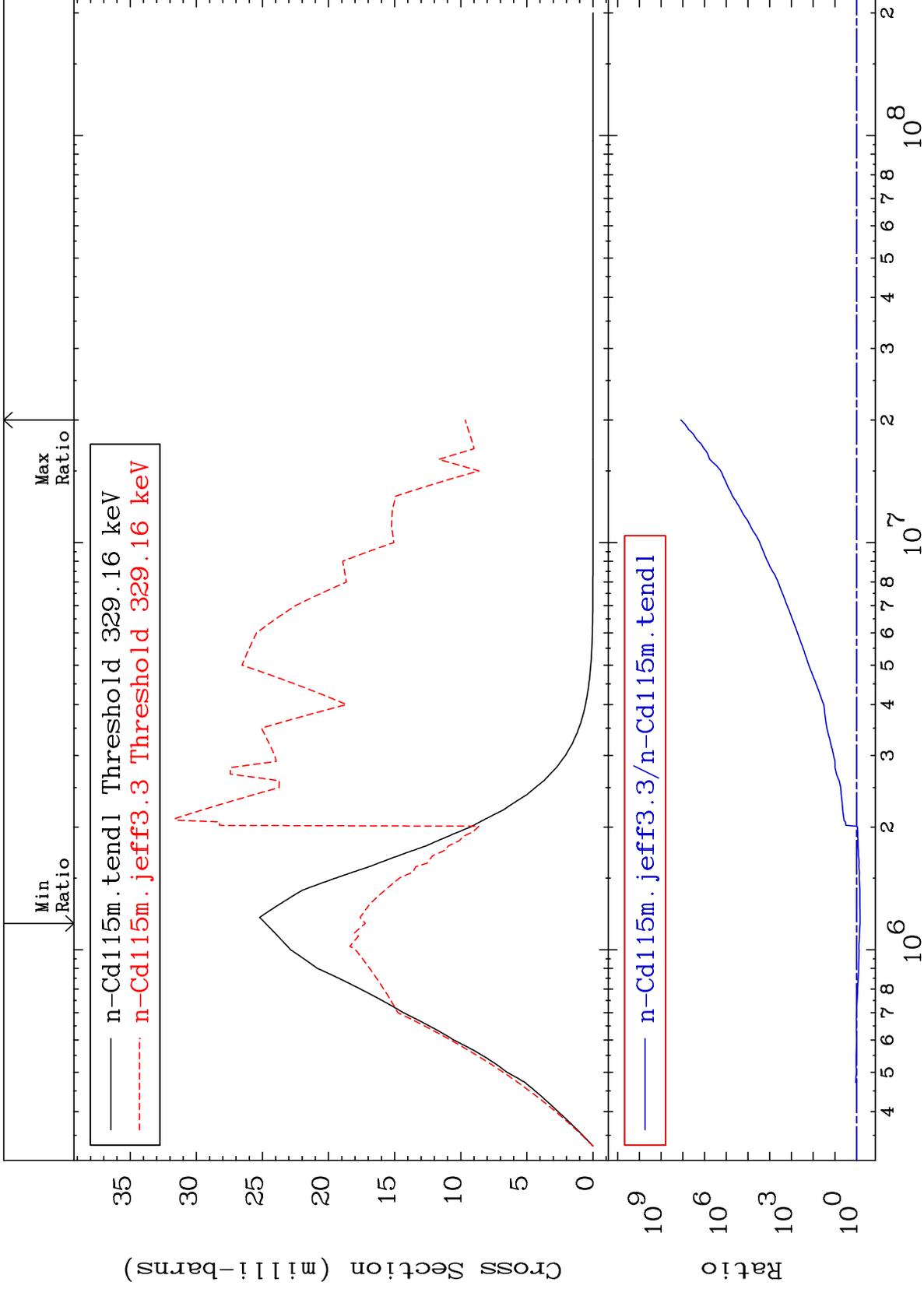
Incident Energy (eV)

48-Cd-115

MAT 4853

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

48-Cd-115
-30.43 To 9999. %



18

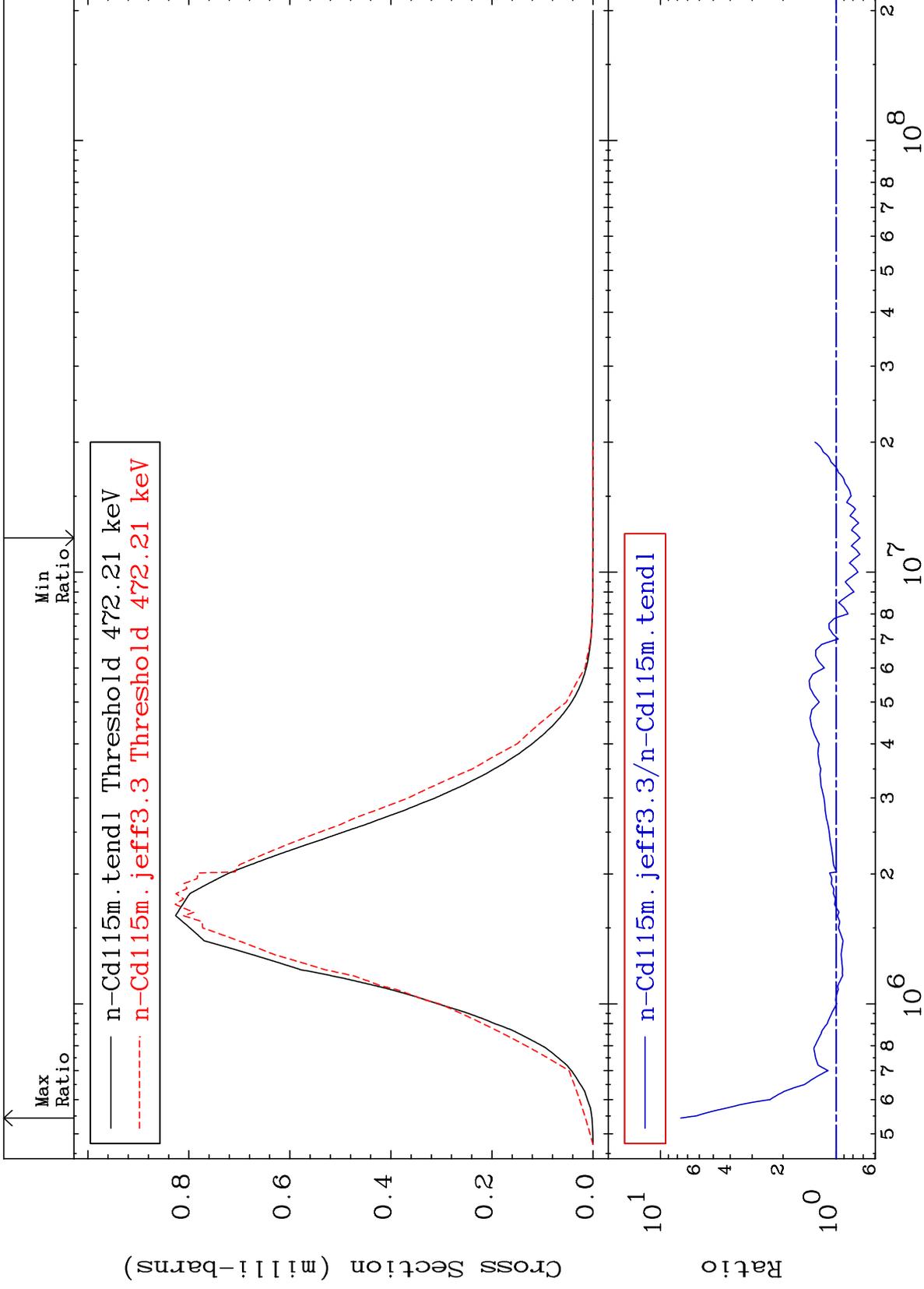
Incident Energy (eV)

48-Cd-115

MAT 4853

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

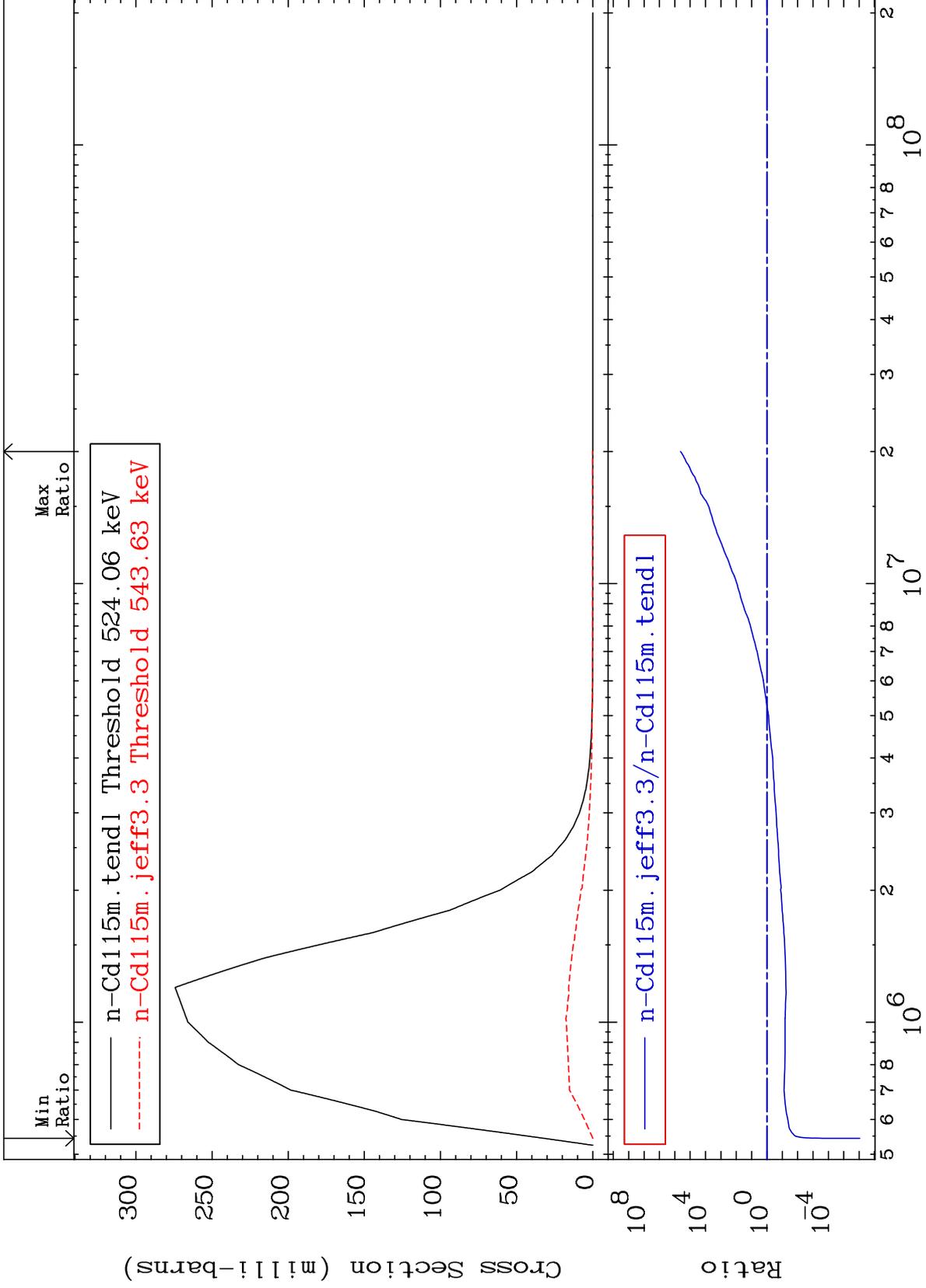
48-Cd-115
-27.10 To 665.8 %



MAT 4853

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

48-Cd-115
-100.0 To 9999. %



20

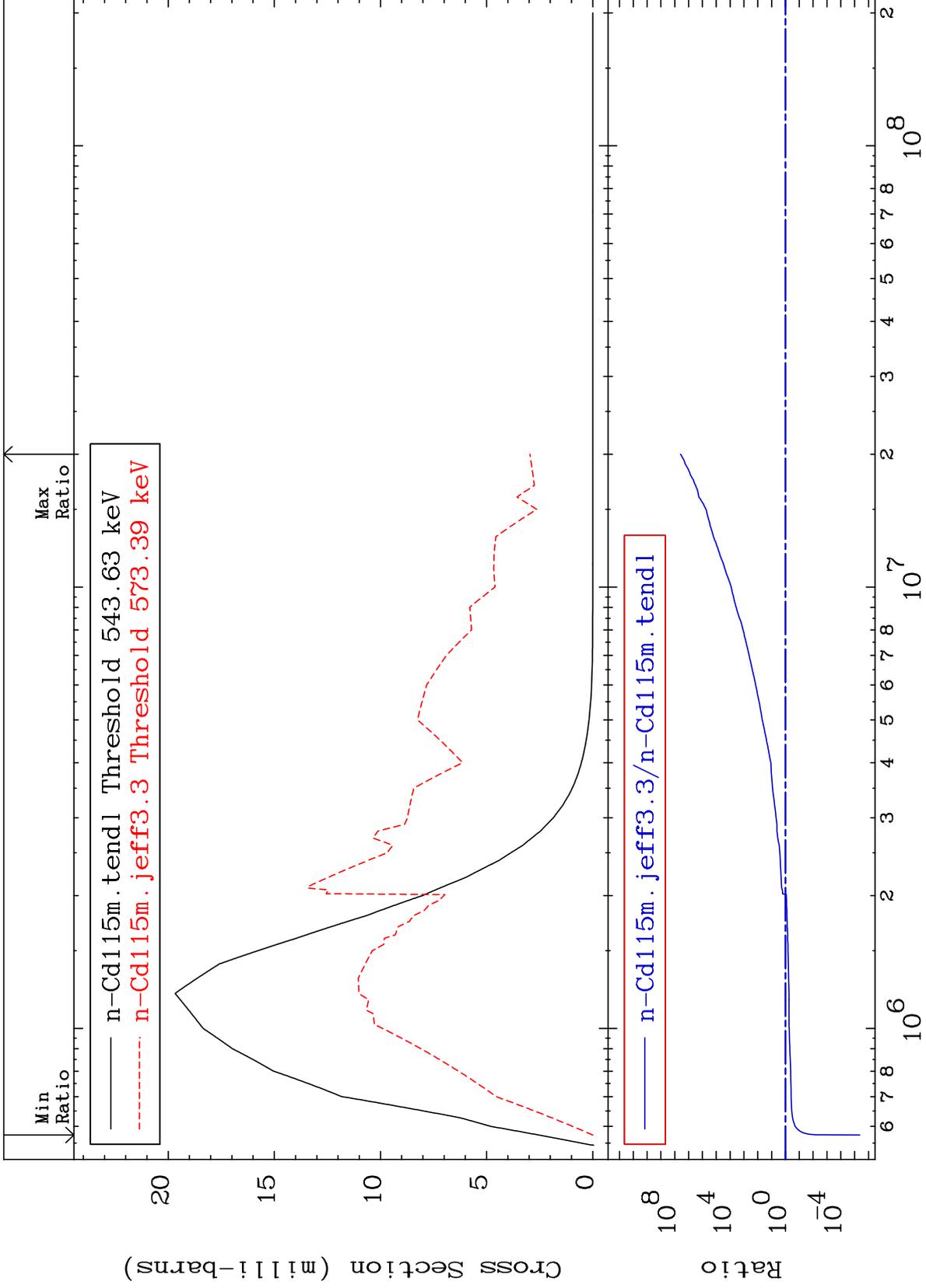
Incident Energy (eV)

48-Cd-115

MAT 4853

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

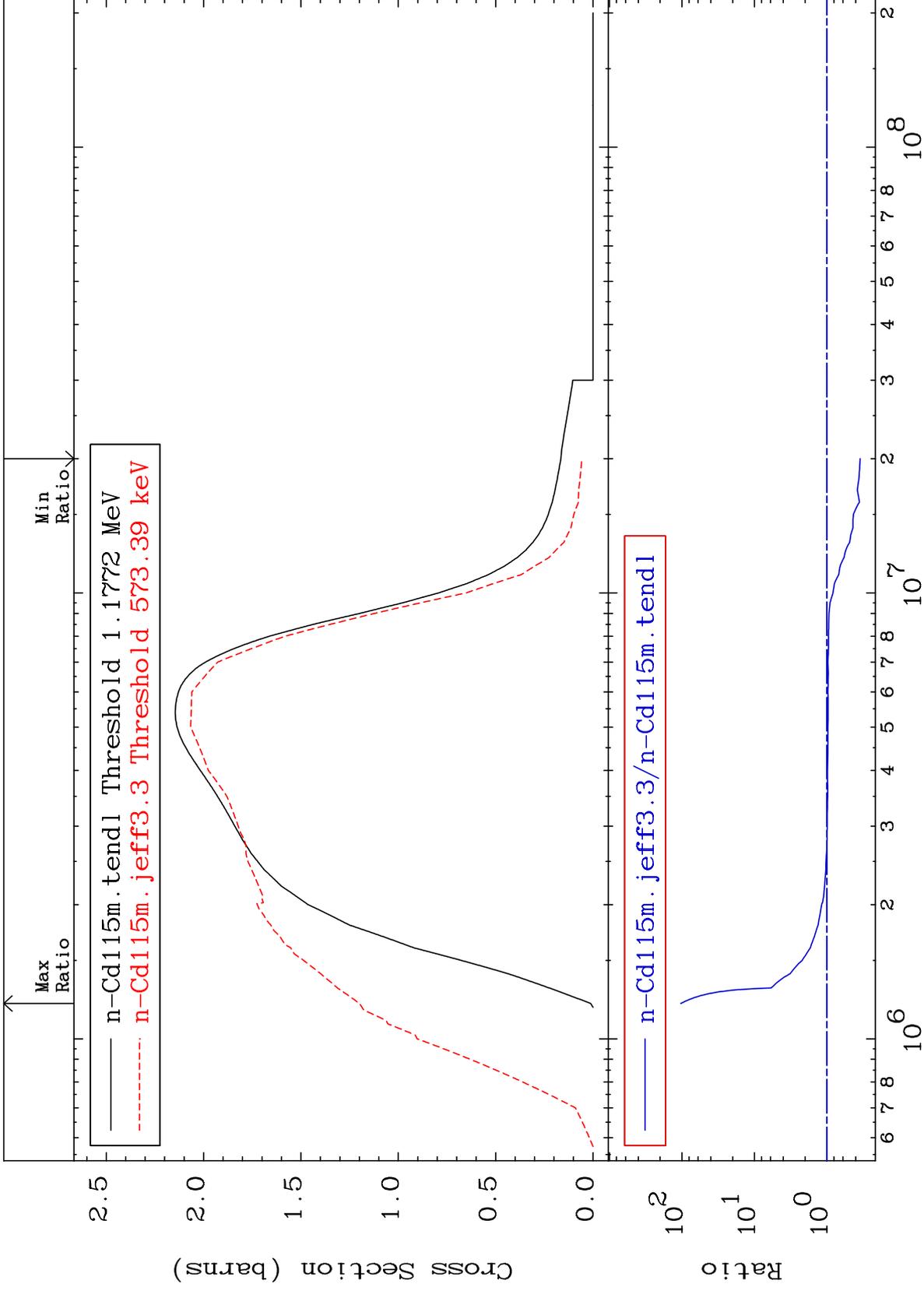
48-Cd-115
-100.0 To 9999. %



MAT 4853

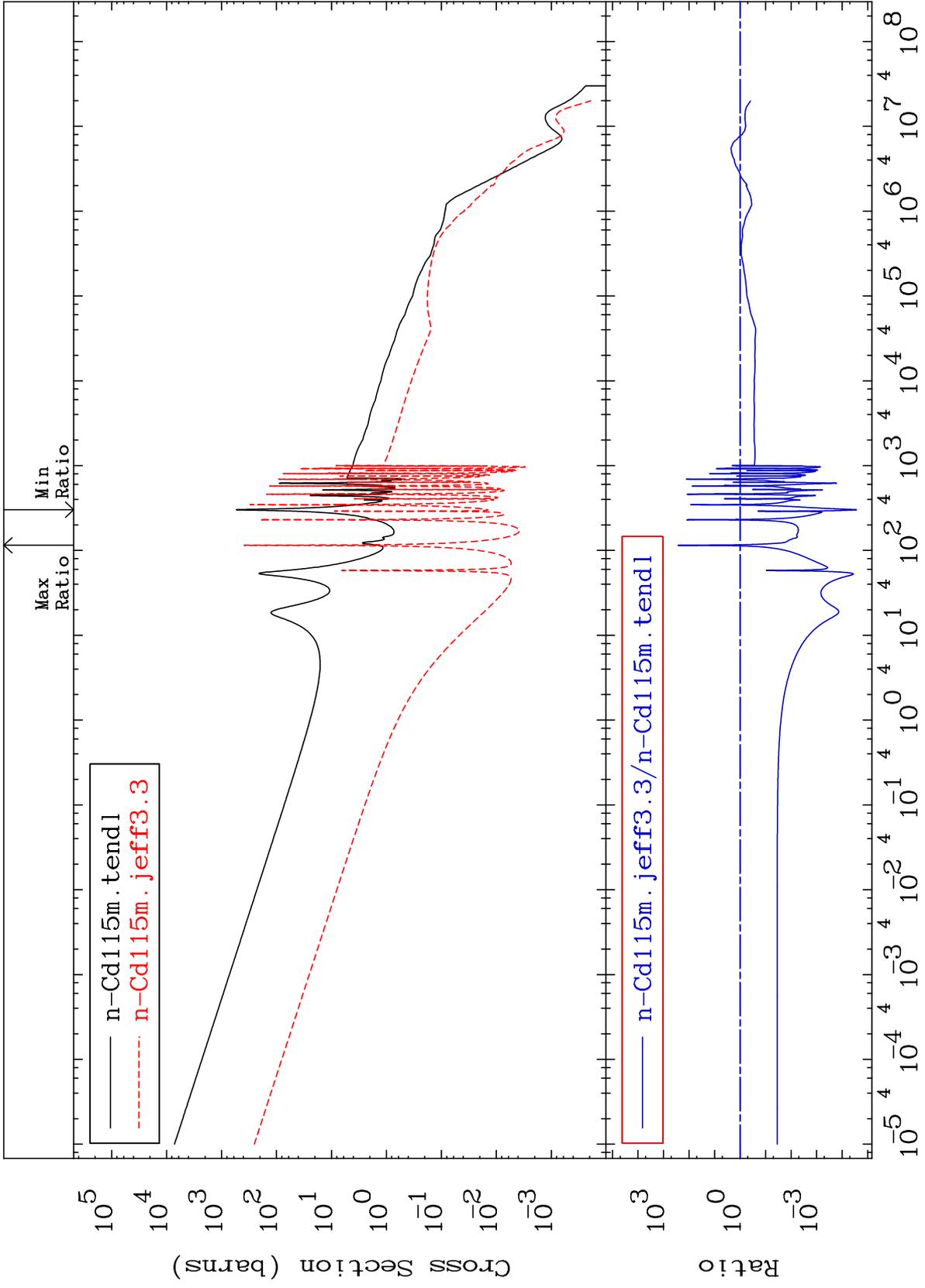
(n,n') Continuum
Cross Section

48-Cd-115
-65.17 To 9999. %



MAT 4853

(n, γ)
Cross Section
48-Cd-115
-100.0 To 9999. %



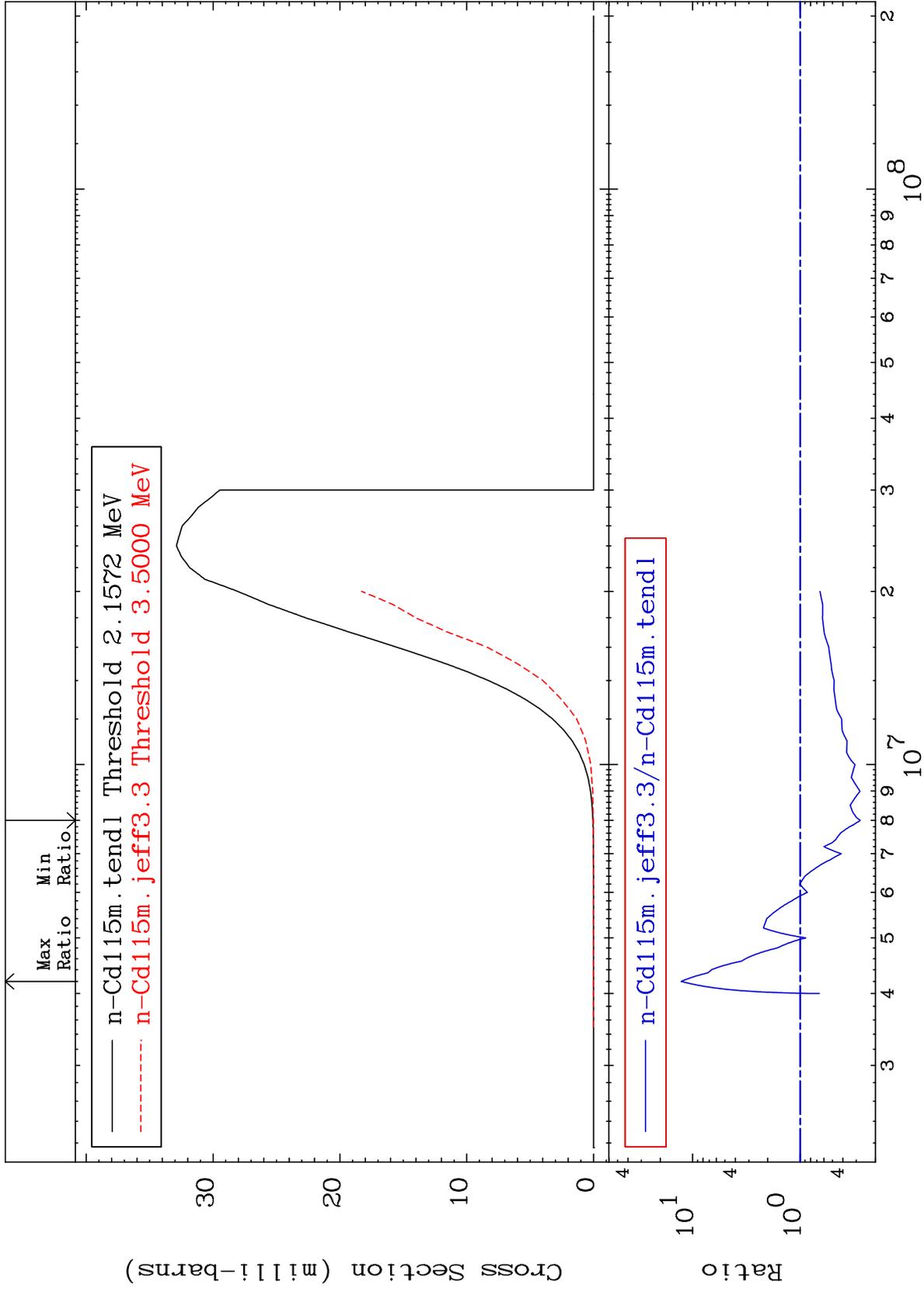
MAT 4853

(n,p)

48-Cd-115

Cross Section

-72.41 To 1178. %



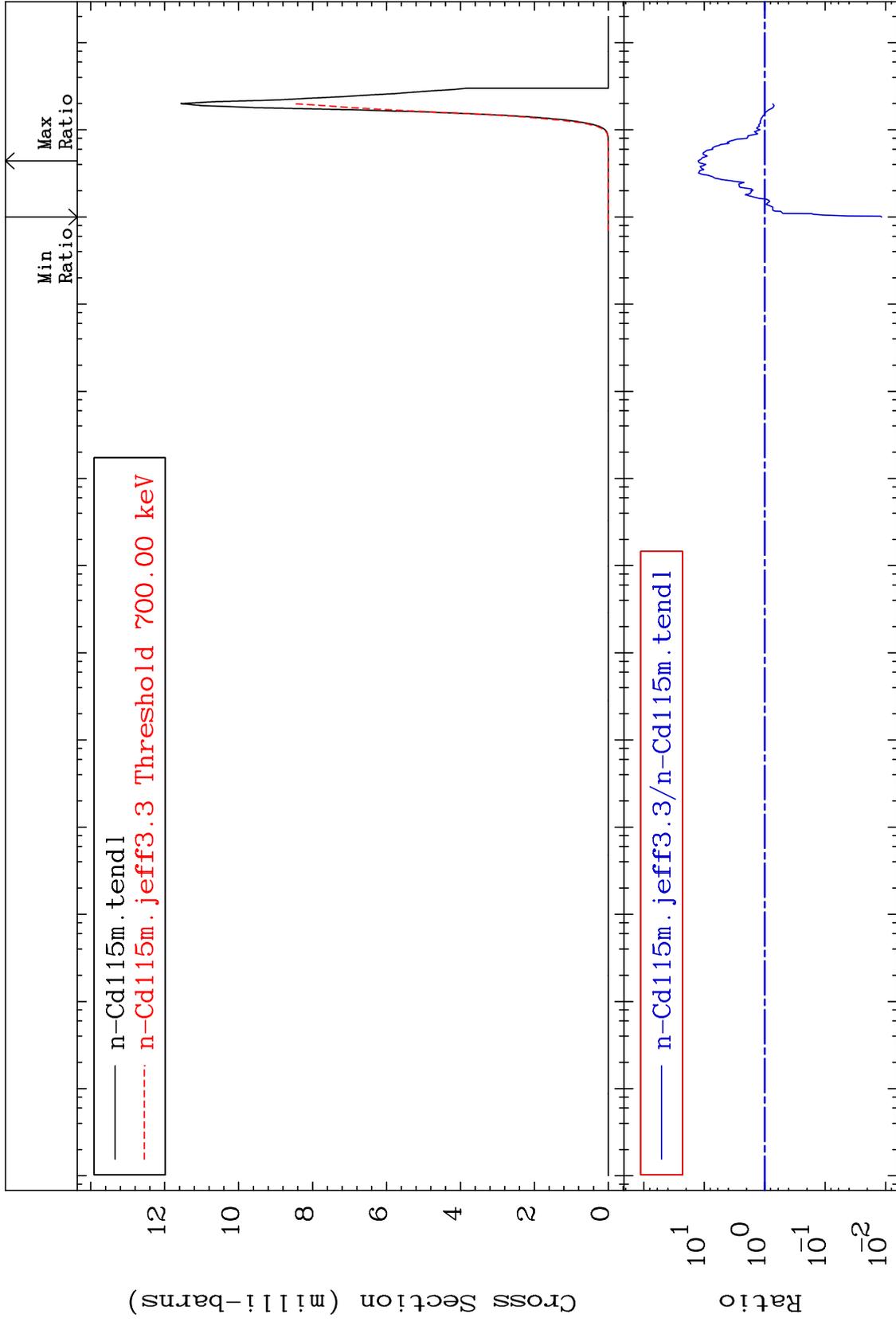
MAT 4853

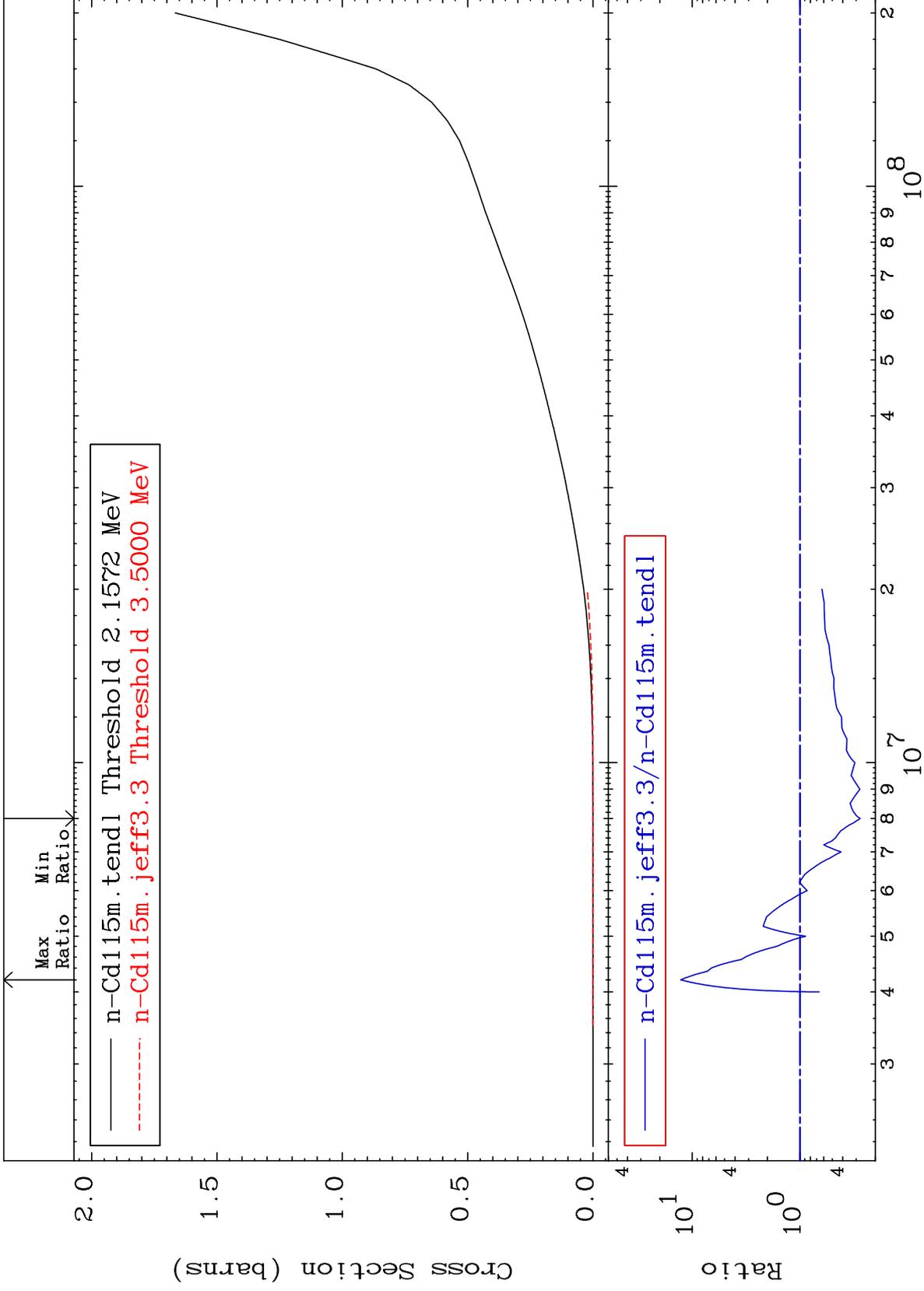
(n, α)

48-Cd-115

Cross Section

-98.84 To 1165. %

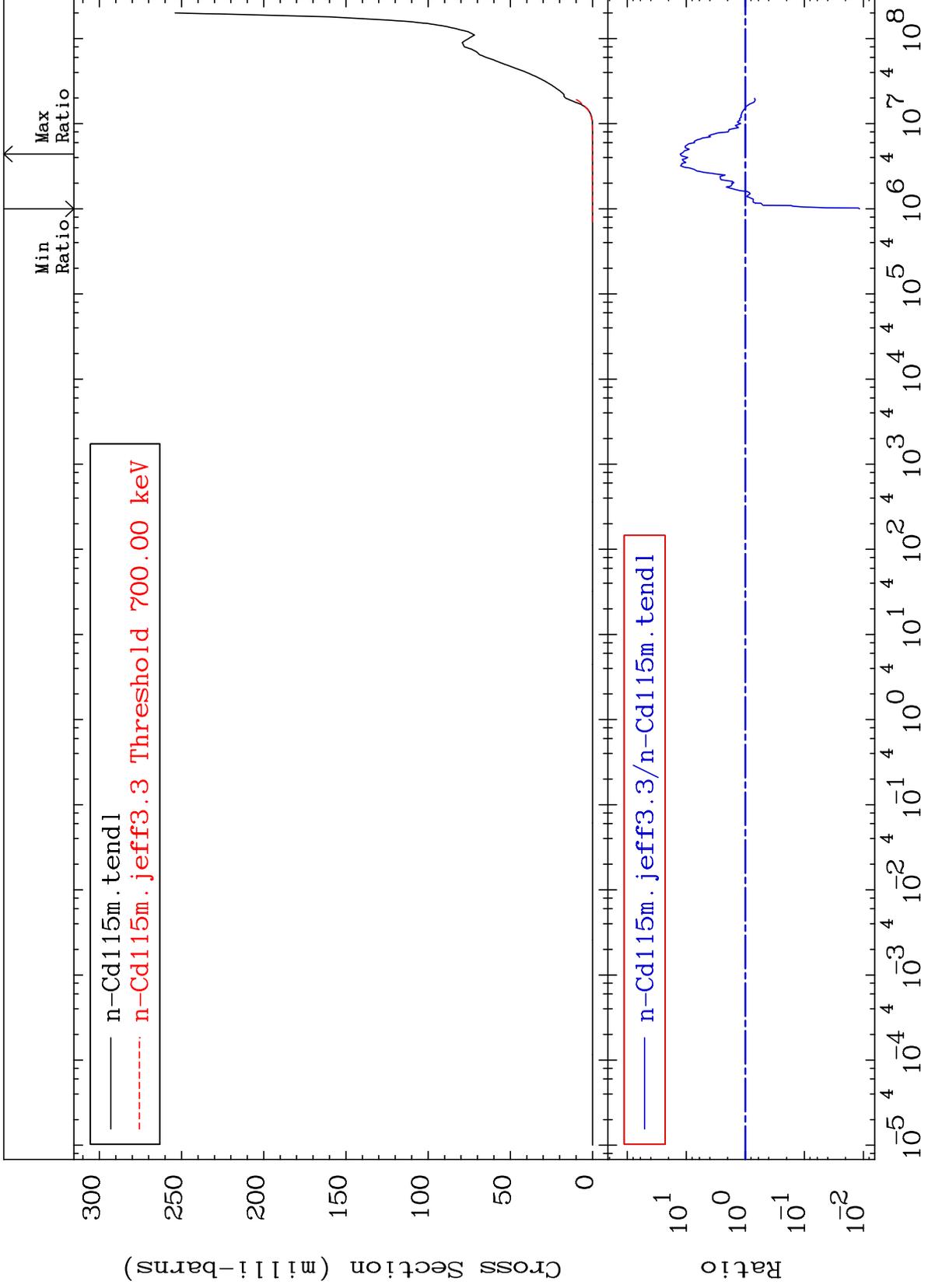




MAT 4853

He-4 Production
Cross Section

48-Cd-115
-98.84 To 1165. %

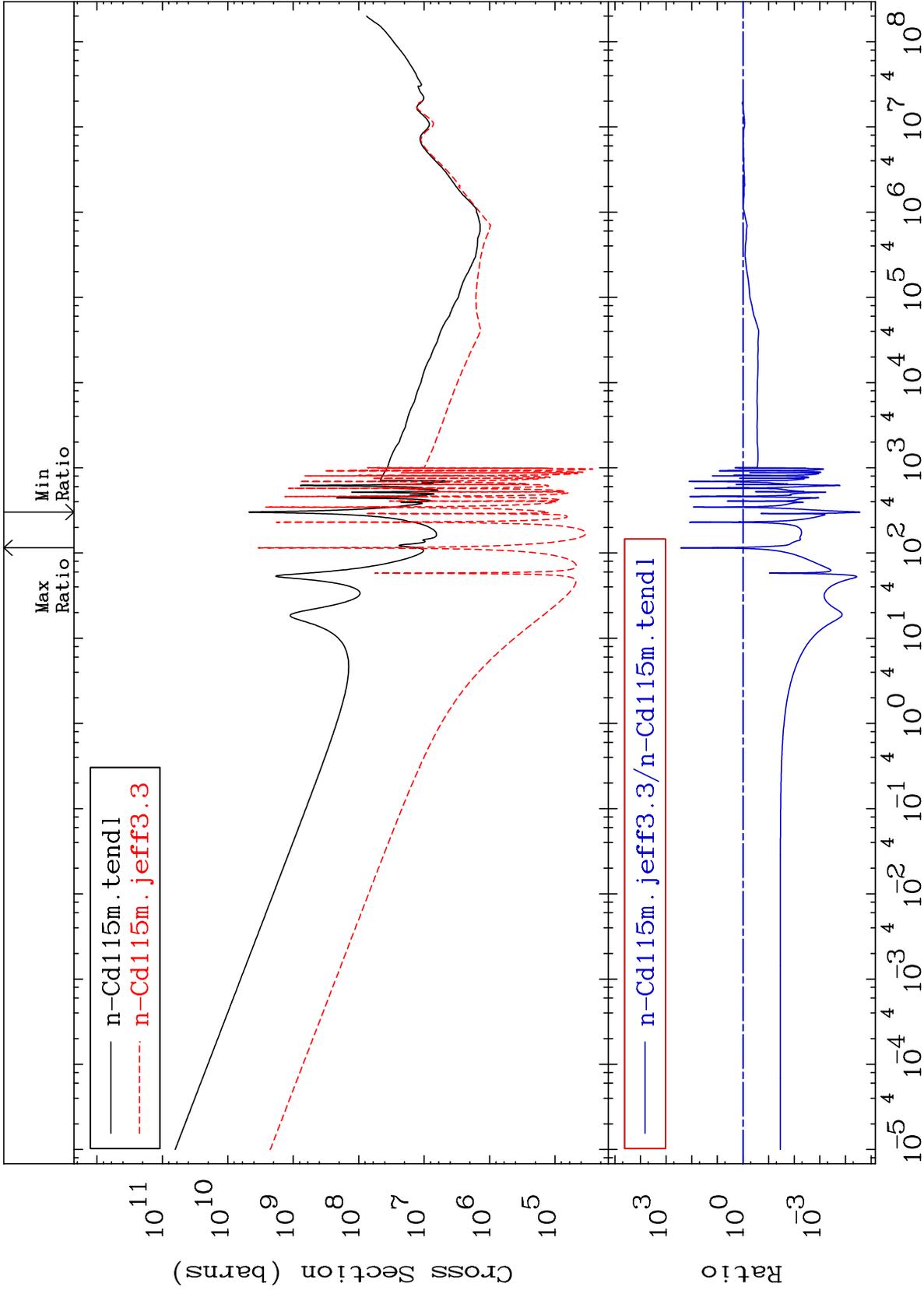


MAT 4853

Kerma total (eV-barns)

48-Cd-115

-100.0 To 9999. %



28

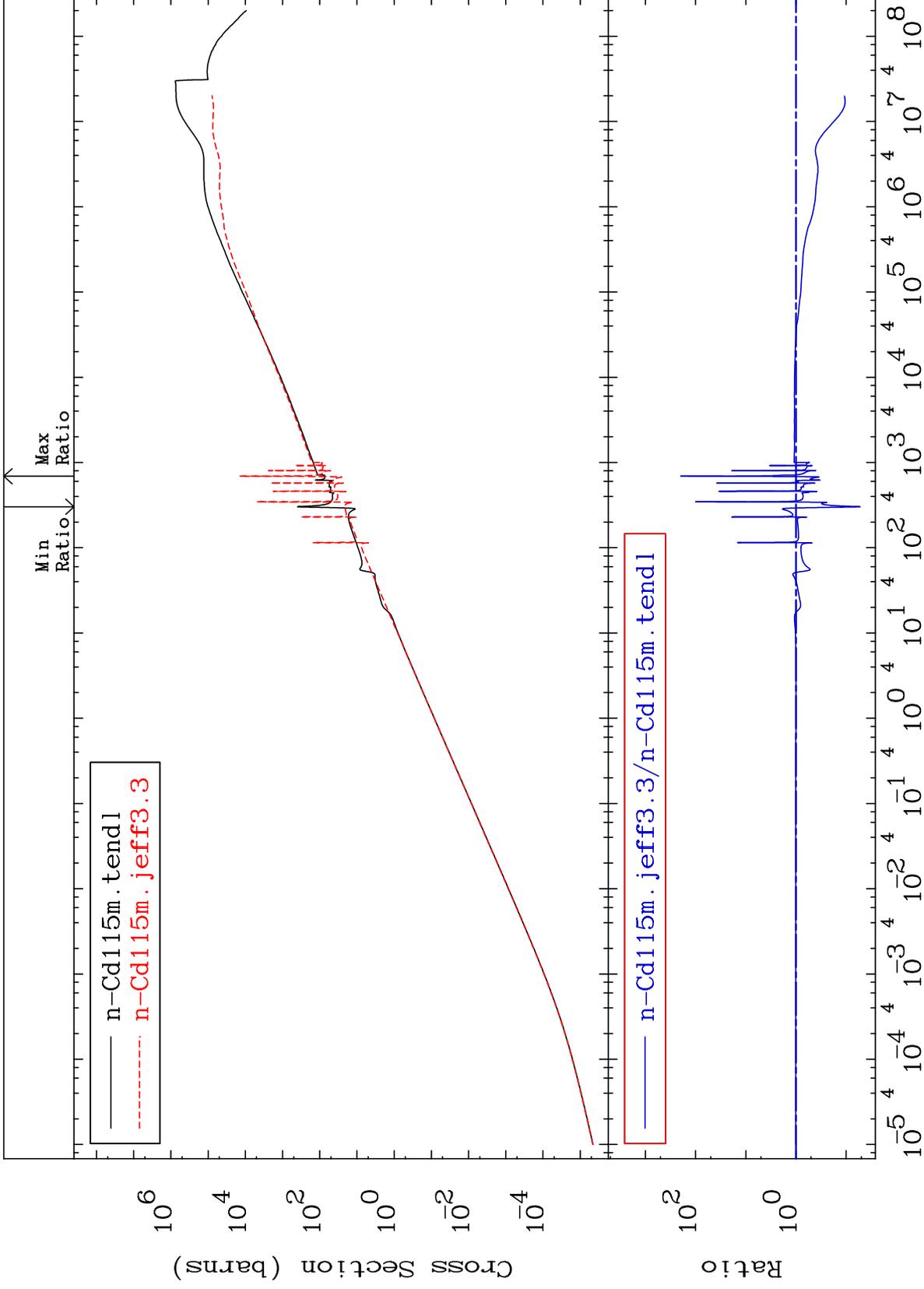
Incident Energy (eV)

48-Cd-115

MAT 4853

Kerma elastic
Cross Section

48-Cd-115
-94.72 To 9999. %



29

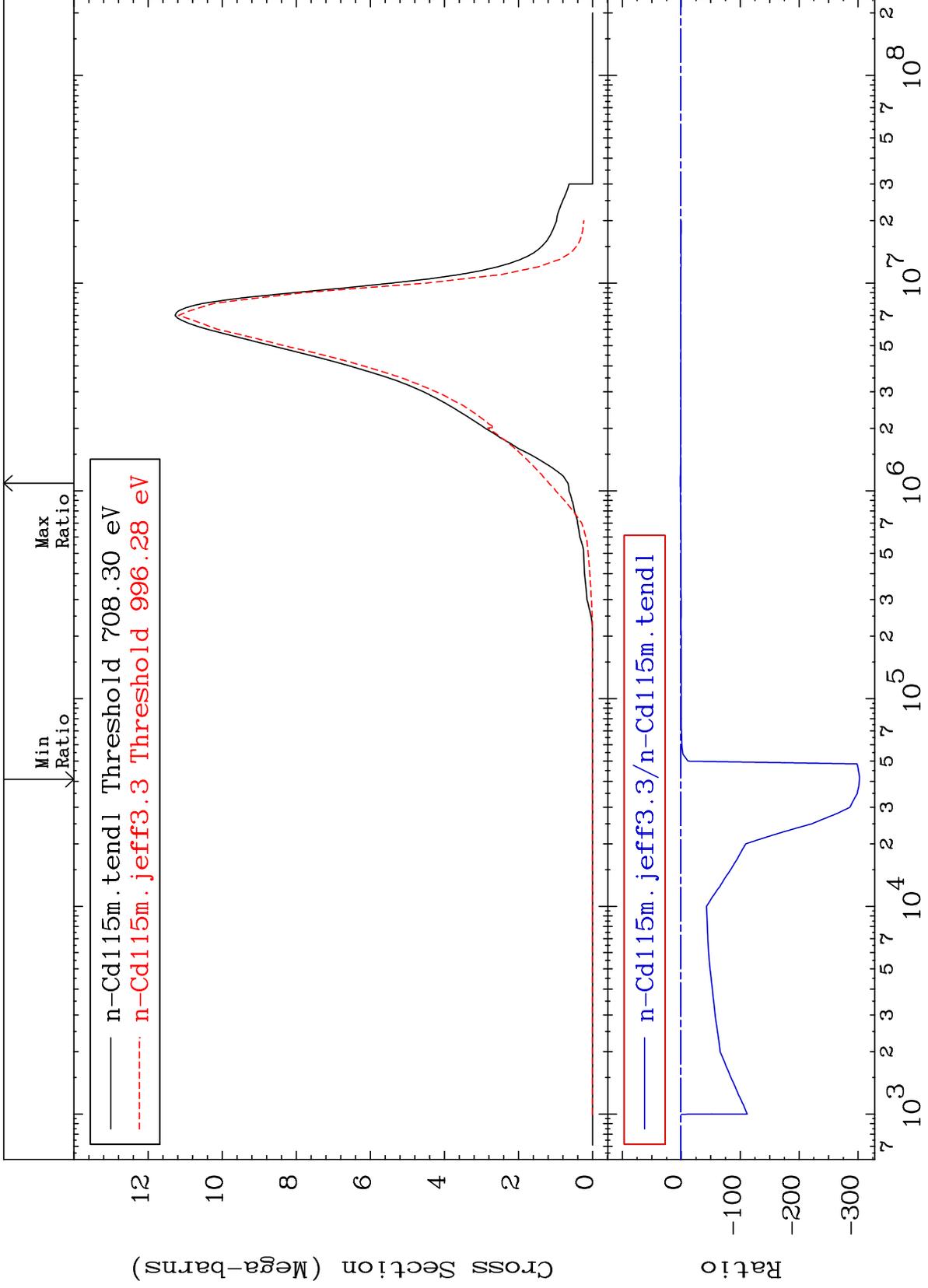
Incident Energy (eV)

48-Cd-115

MAT 4853

Kerma inelastic (mt51-91)
Cross Section

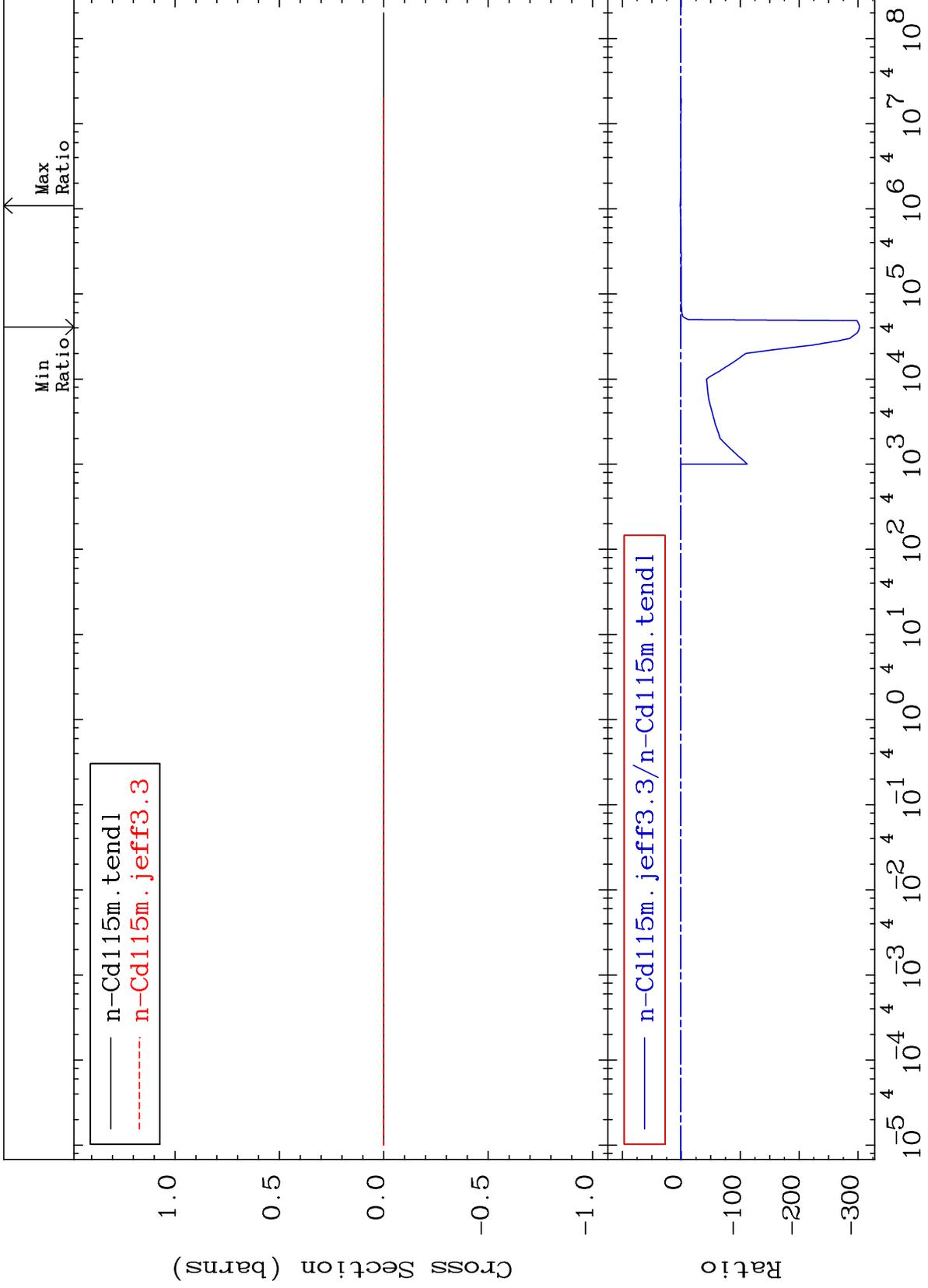
48-Cd-115
-9999. To 76.97 %



MAT 4853

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

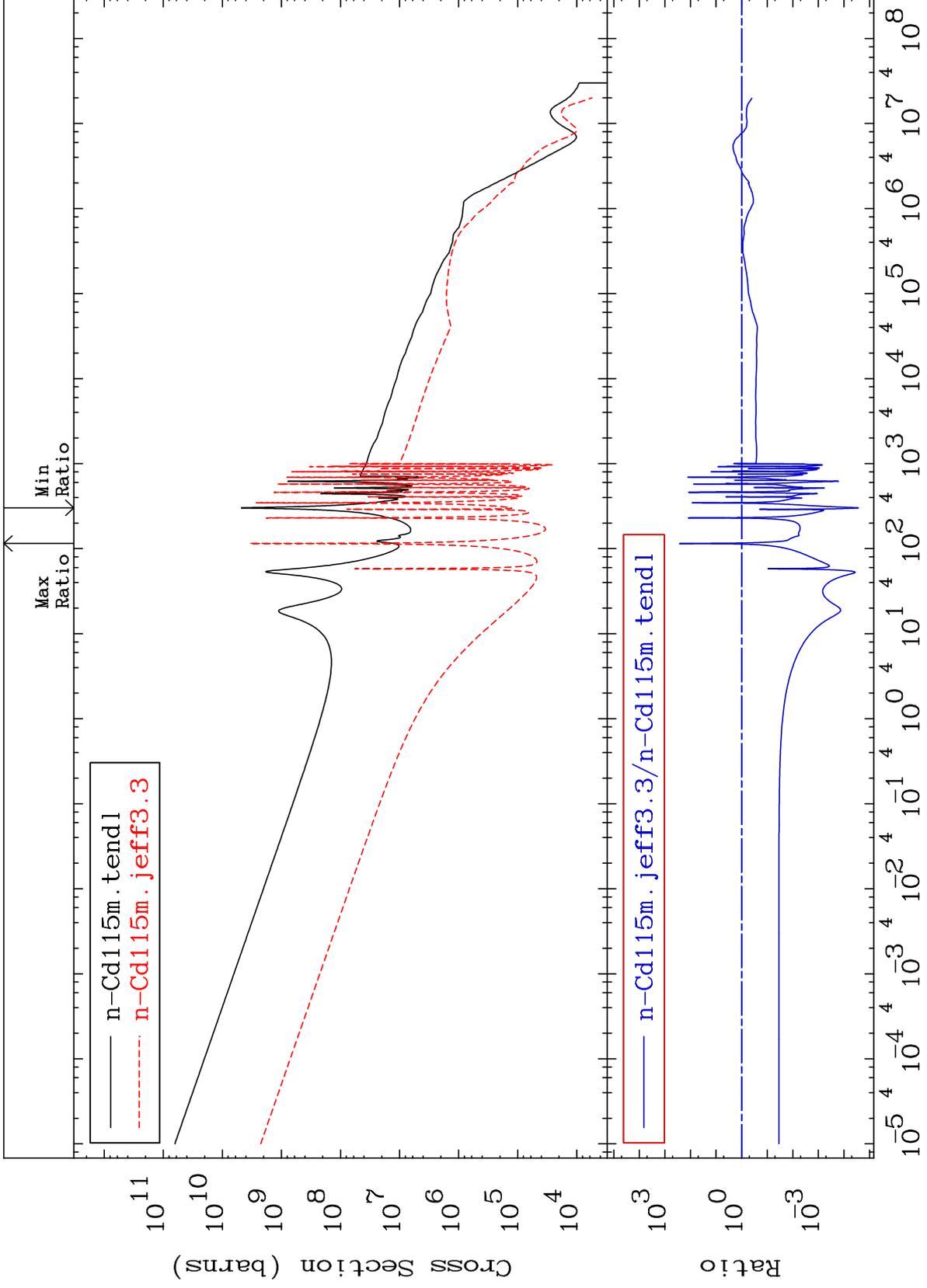
48-Cd-115
-9999. To 76.97 %



MAT 4853

Kerma capture (mt102)
Cross Section

48-Cd-115
-100.0 To 9999. %



33

Incident Energy (eV)

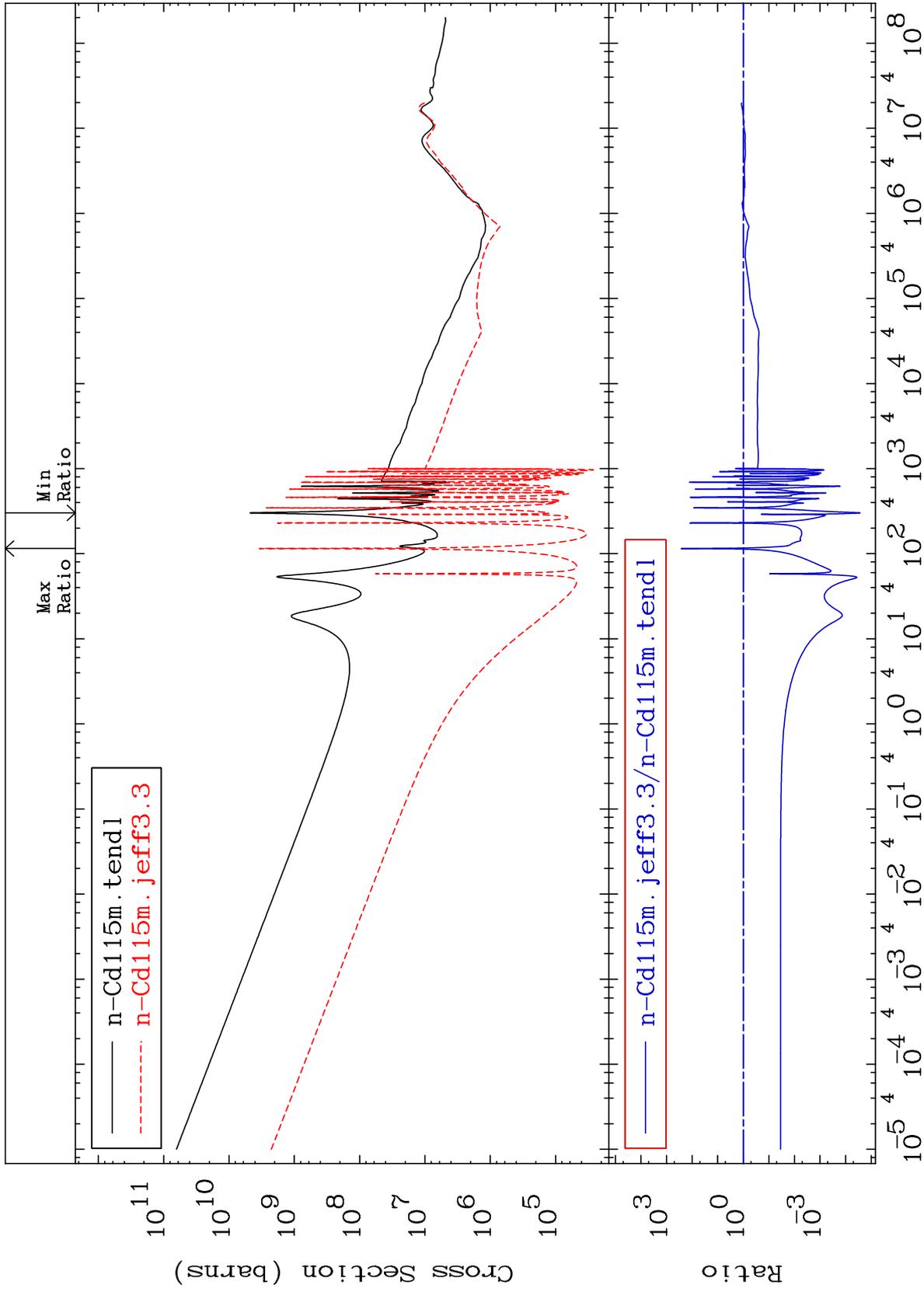
48-Cd-115

MAT 4853

Total photon (eV-barns)

48-Cd-115

-100.0 To 9999. %



34

Incident Energy (eV)

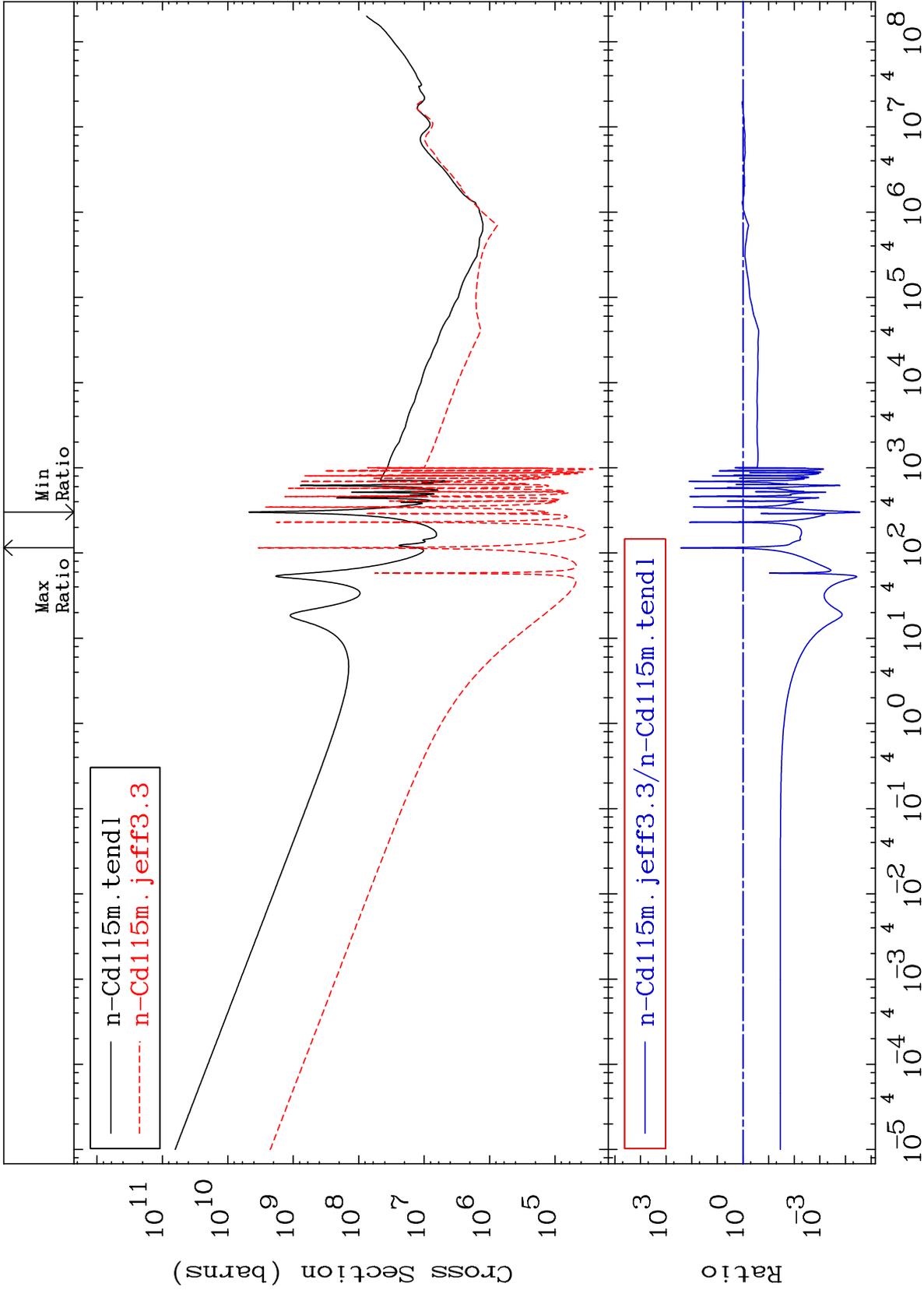
48-Cd-115

MAT 4853

Total kinematic kerma (high limit)

48-Cd-115

-100.0 To 9999. %



35

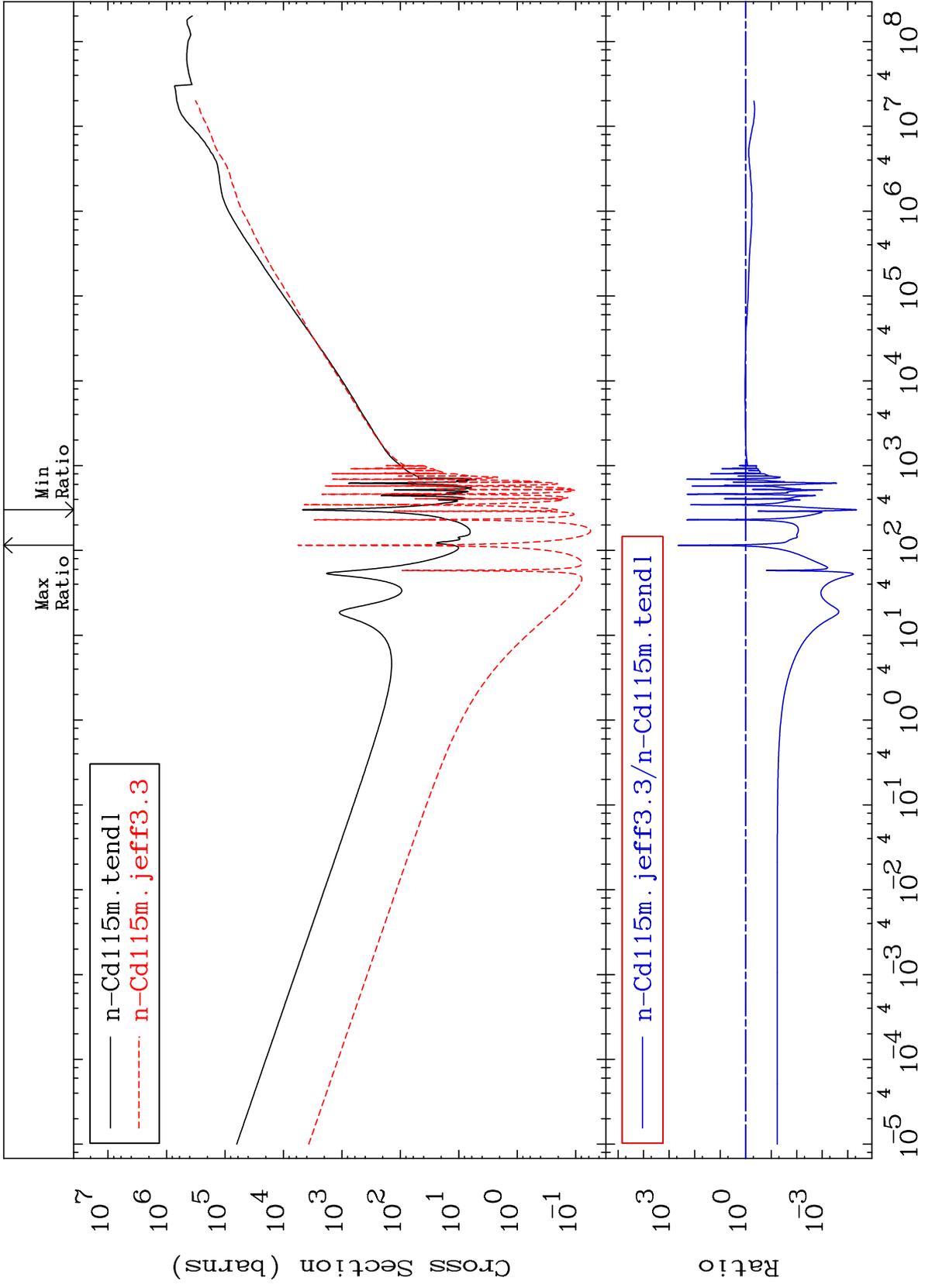
48-Cd-115

MAT 4853

Dpa total (eV-barns)

48-Cd-115

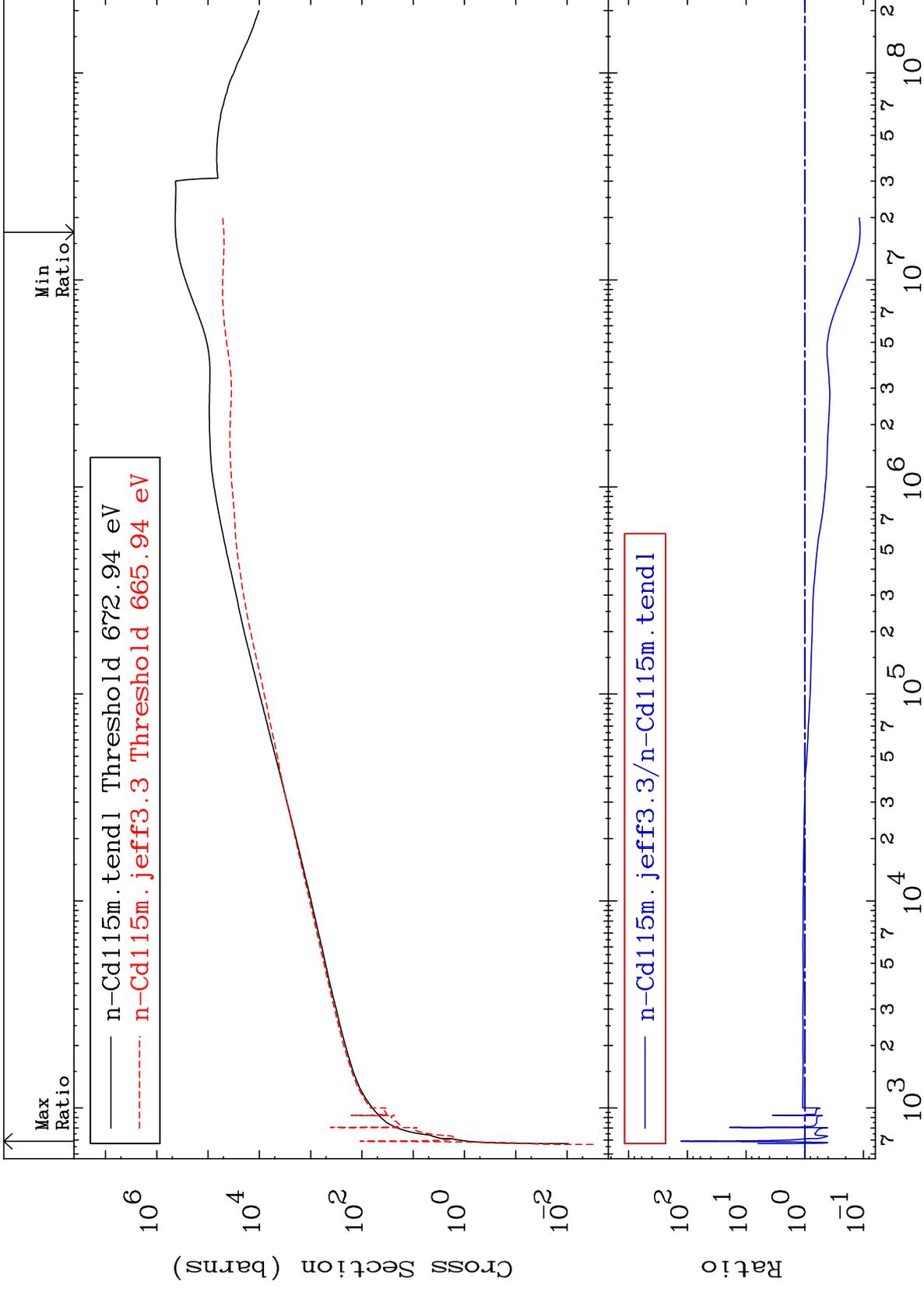
-100.0 To 9999. %



MAT 4853

Dpa elastic (mt2)
Cross Section

48-Cd-115
-88.59 To 9999. %



37

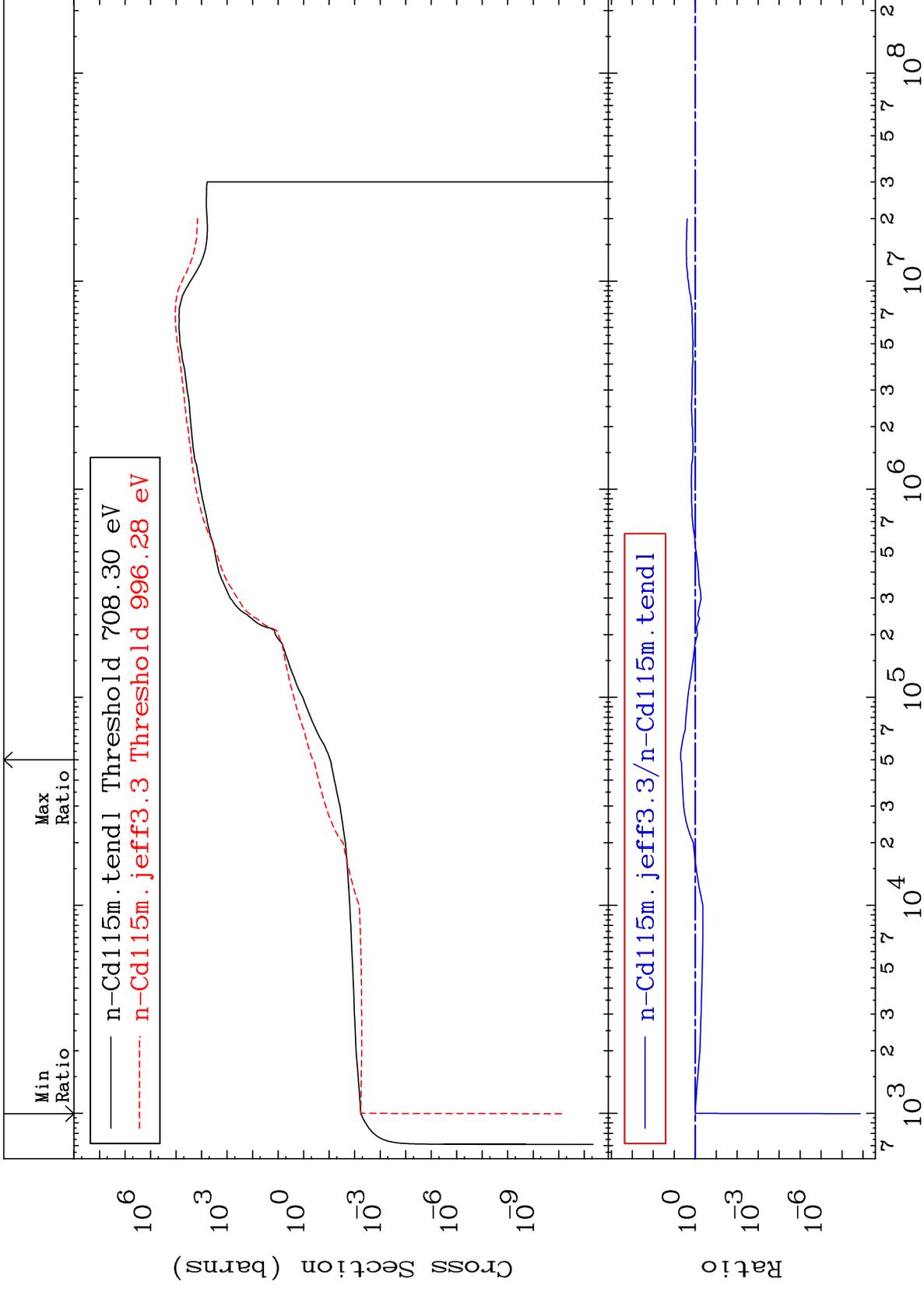
Incident Energy (eV)

48-Cd-115

MAT 4853

Dpa inelastic (mt51-91)
Cross Section

48-Cd-115
-100.0 To 388.1 %



38

Incident Energy (eV)

48-Cd-115

MAT 4853

Dpa disappearance (mt102 -120)

48-Cd-115

-100.0 To 9999. %

