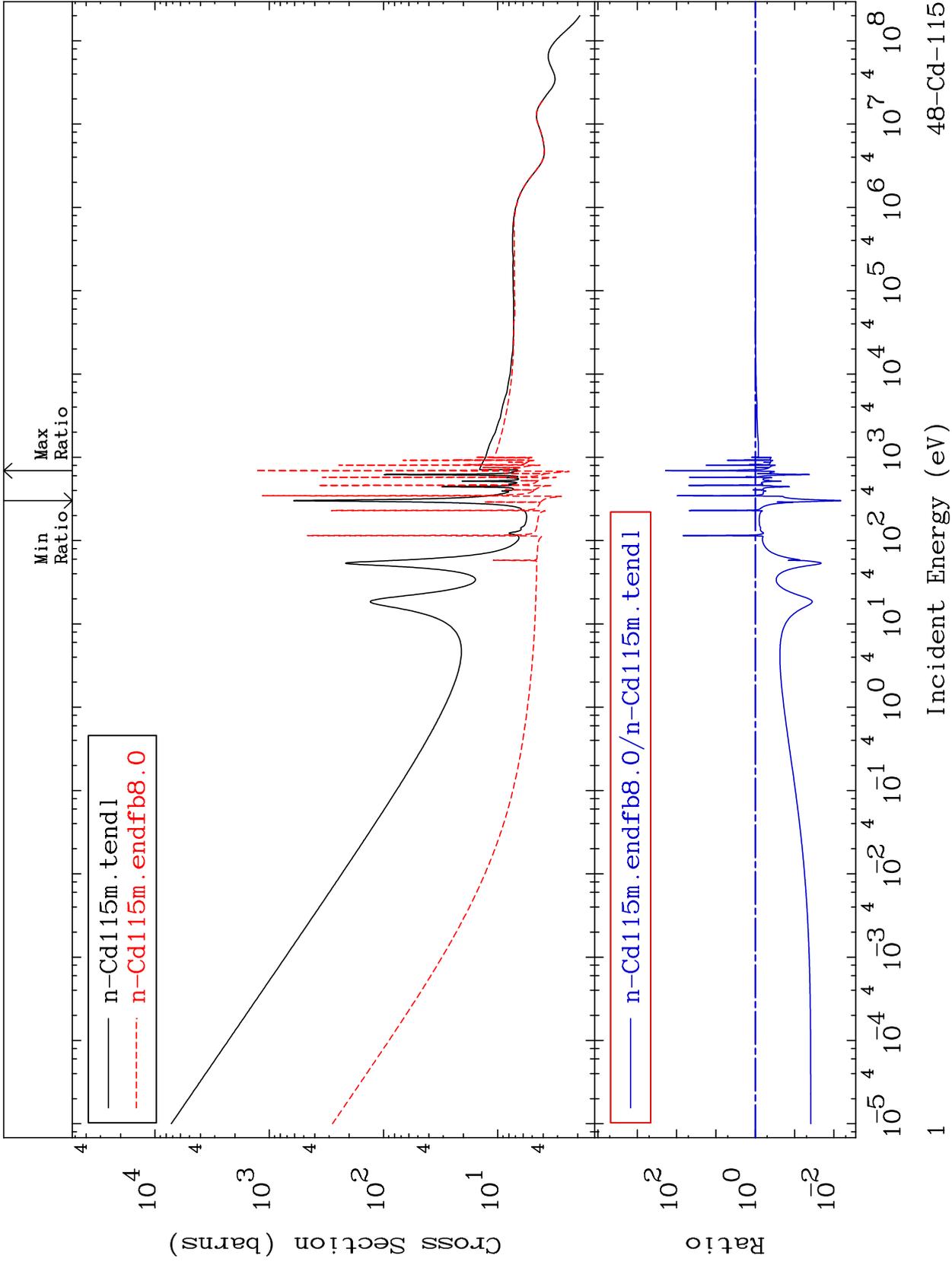


MAT 4853

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

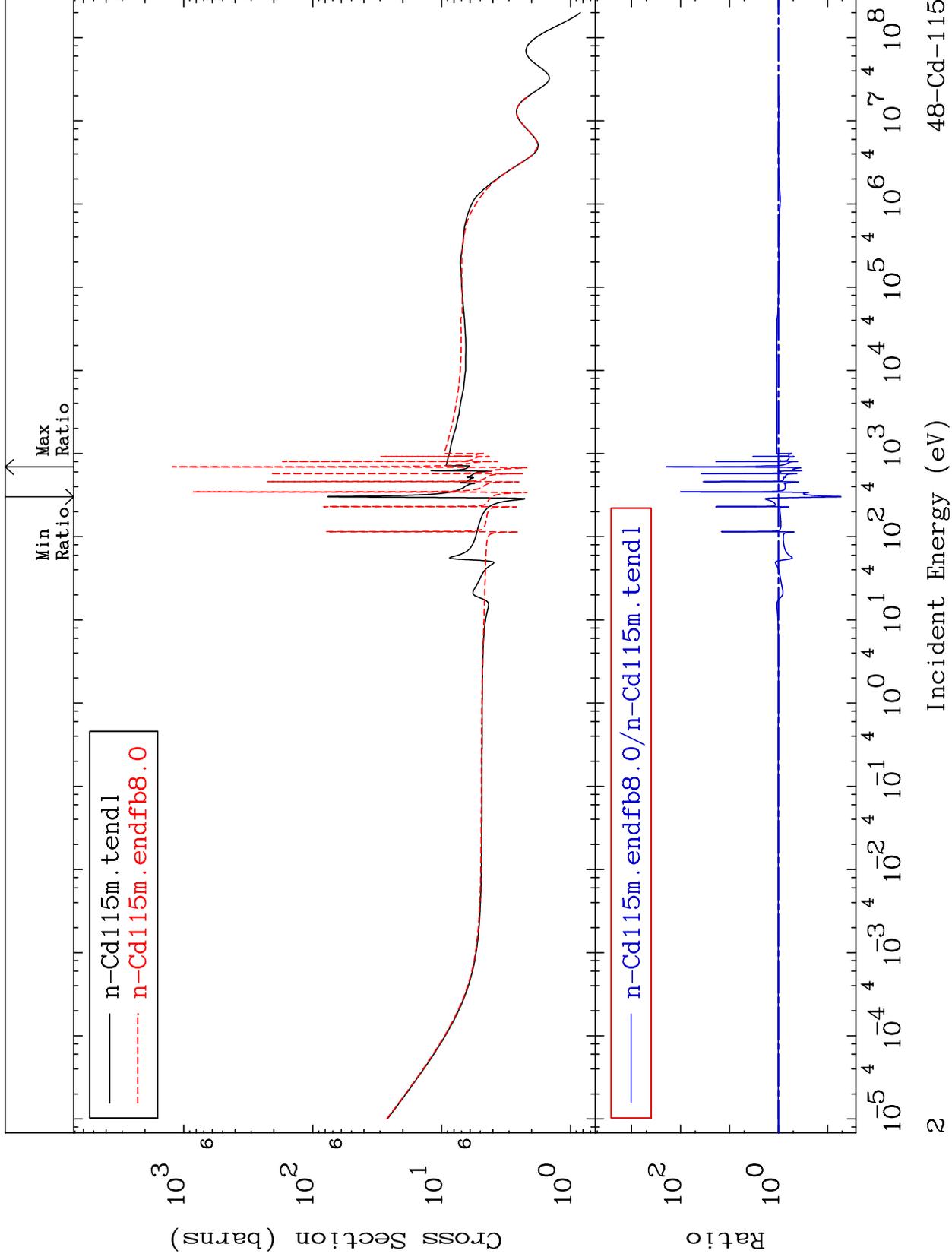


48-Cd-115

MAT 4853

Elastic  
Cross Section

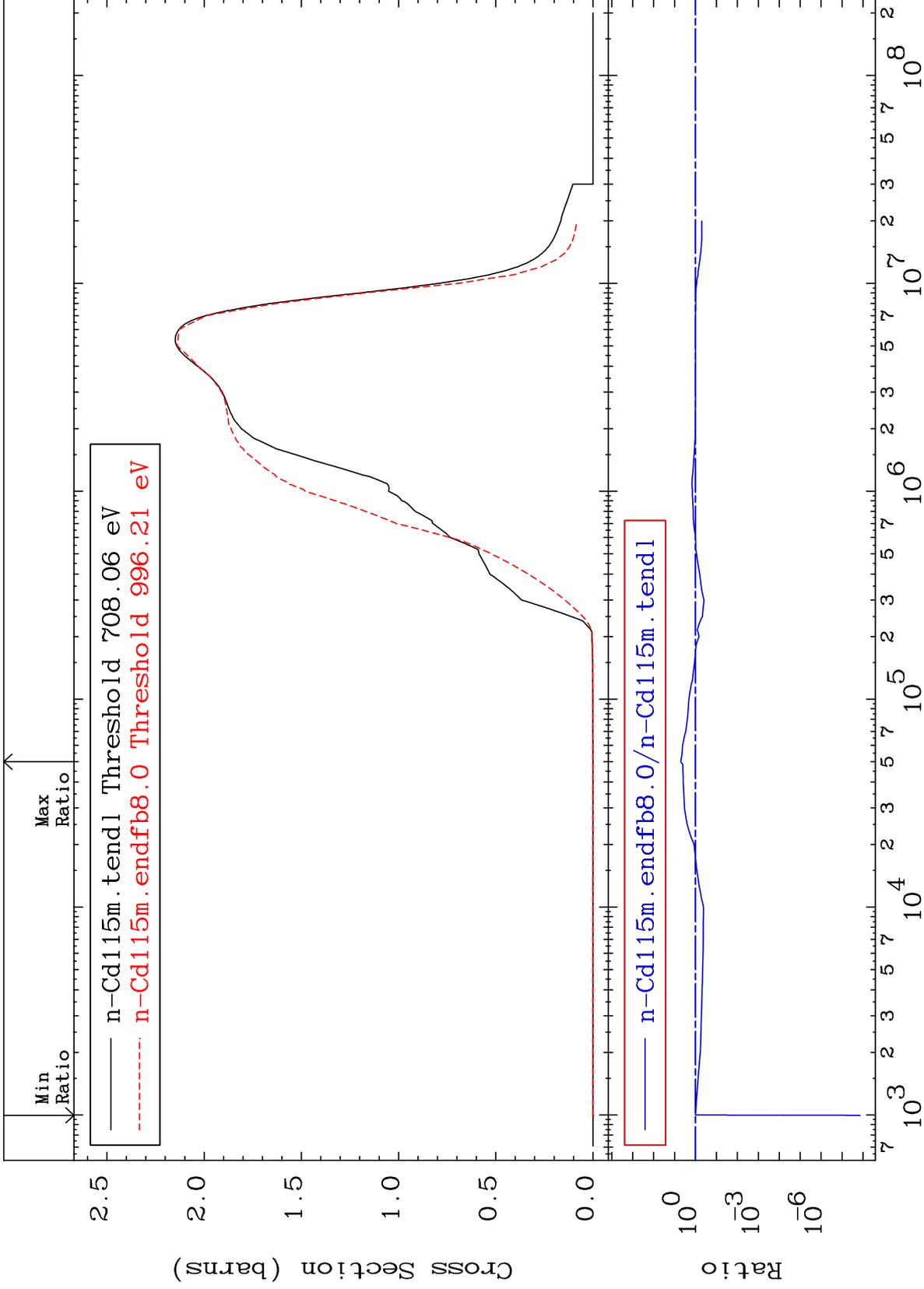
48-Cd-115  
-94.70 To 9999. %



MAT 4853

Inelastic  
Cross Section

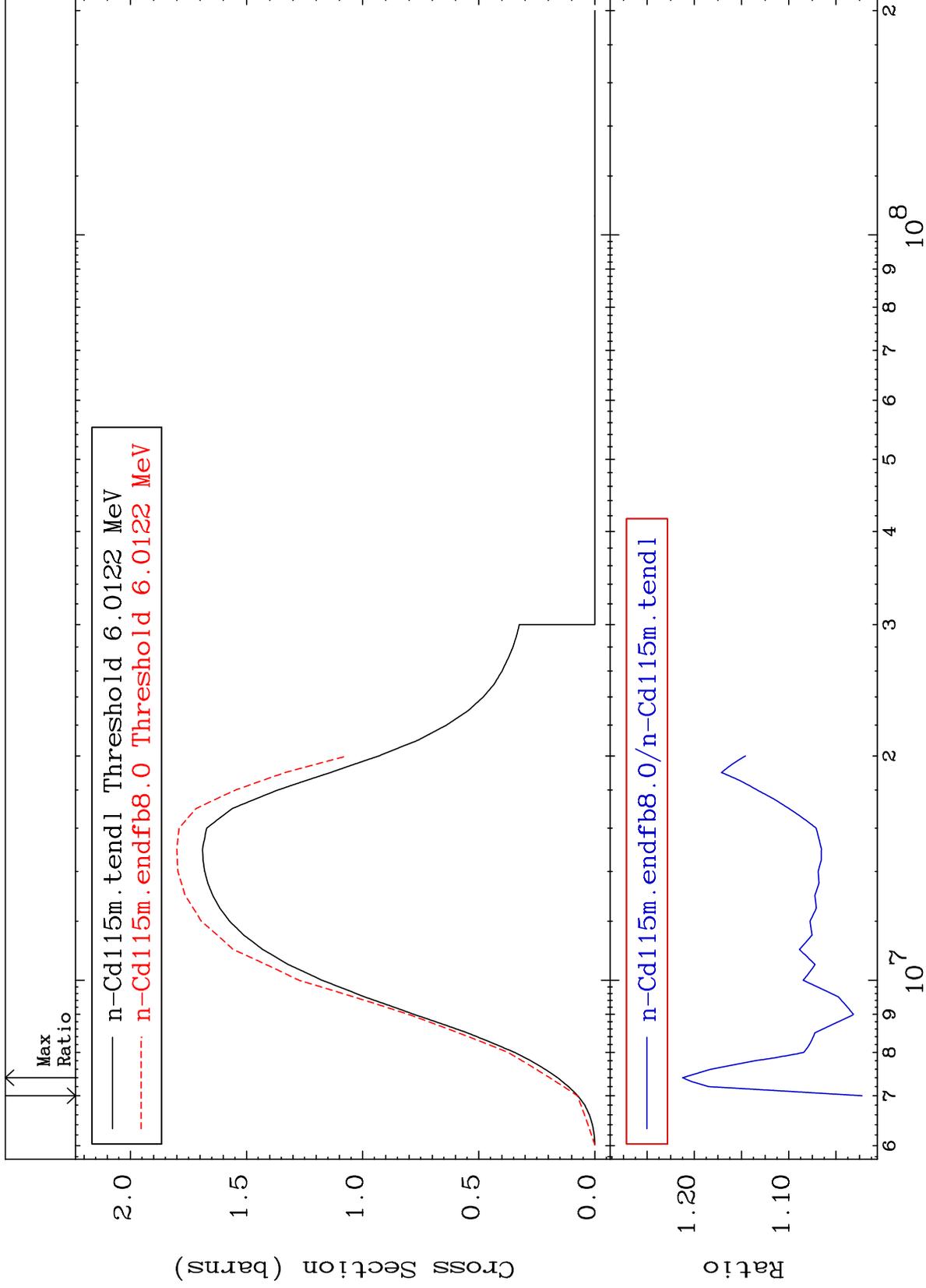
48-Cd-115  
-100.0 To 405.4 %



MAT 4853

(n,2n)  
Cross Section

48-Cd-115  
2.243 To 21.24 %



4

Incident Energy (eV)

48-Cd-115

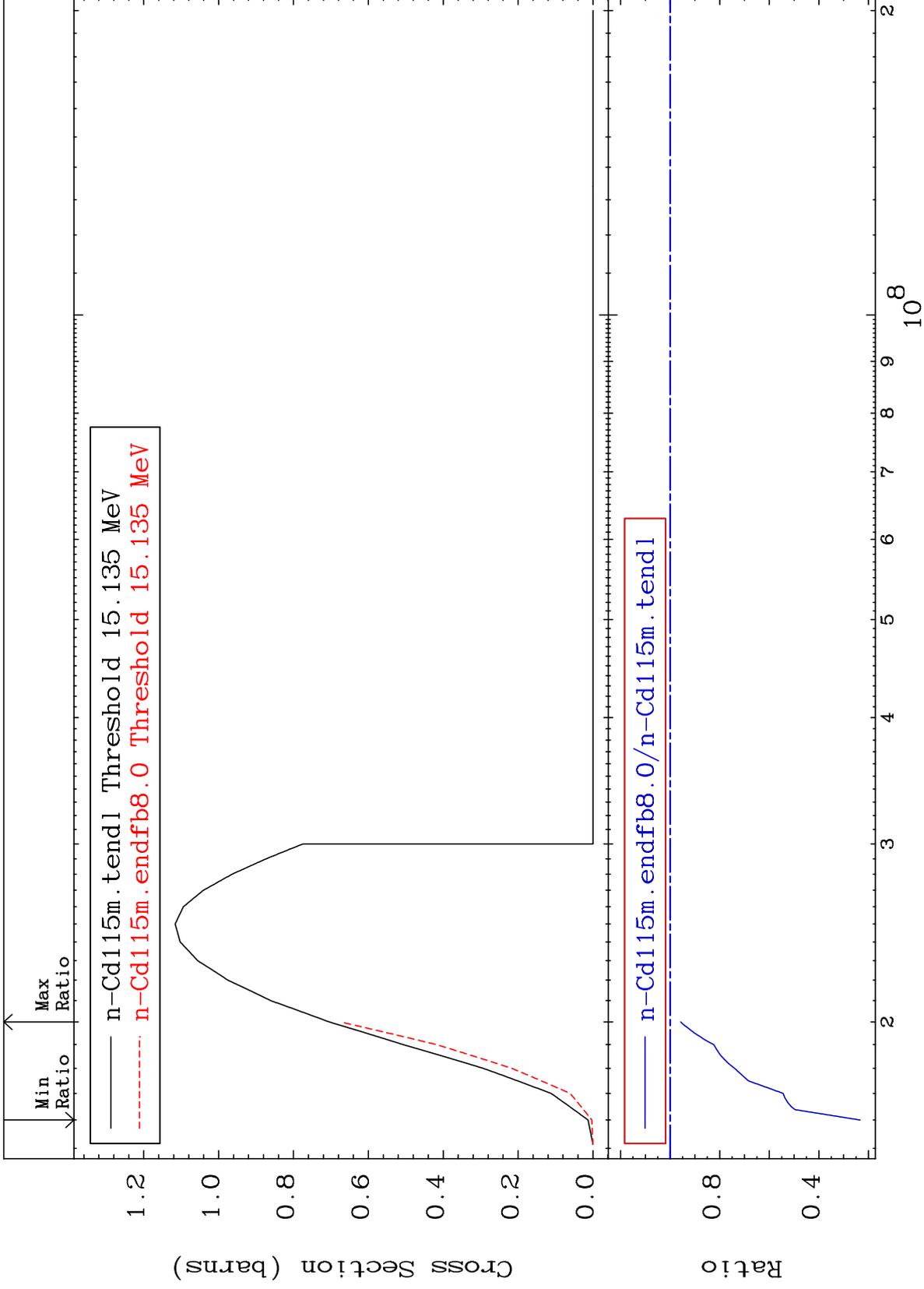
MAT 4853

(n,3n)

48-Cd-115

Cross Section

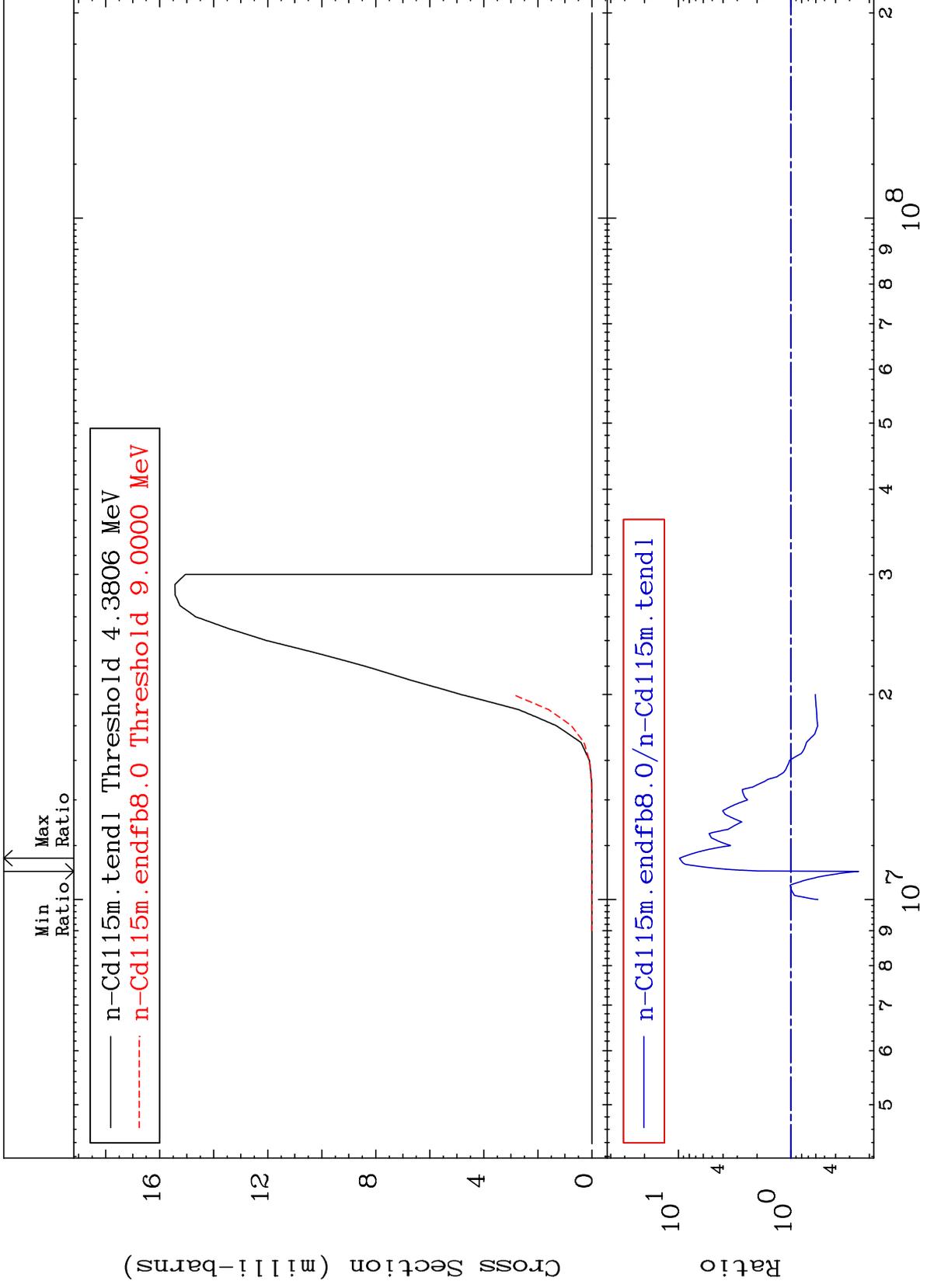
-76.62 To -4.291%



MAT 4853

(n,n')  $\alpha$   
Cross Section

48-Cd-115  
-75.02 To 876.3 %



6

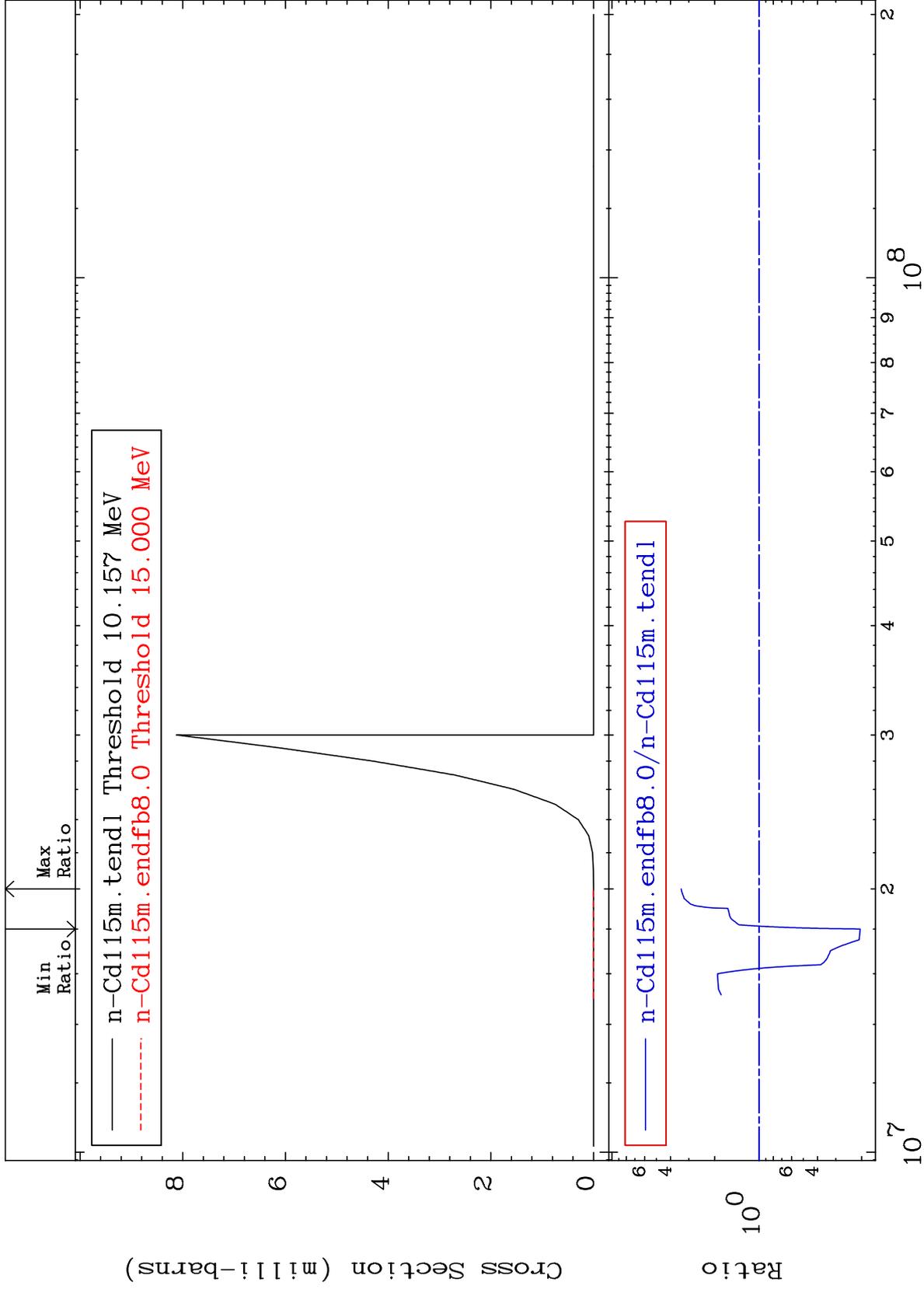
48-Cd-115

48-Cd-115

MAT 4853

(n,2n)  $\alpha$   
Cross Section

48-Cd-115  
-79.52 To 238.4 %

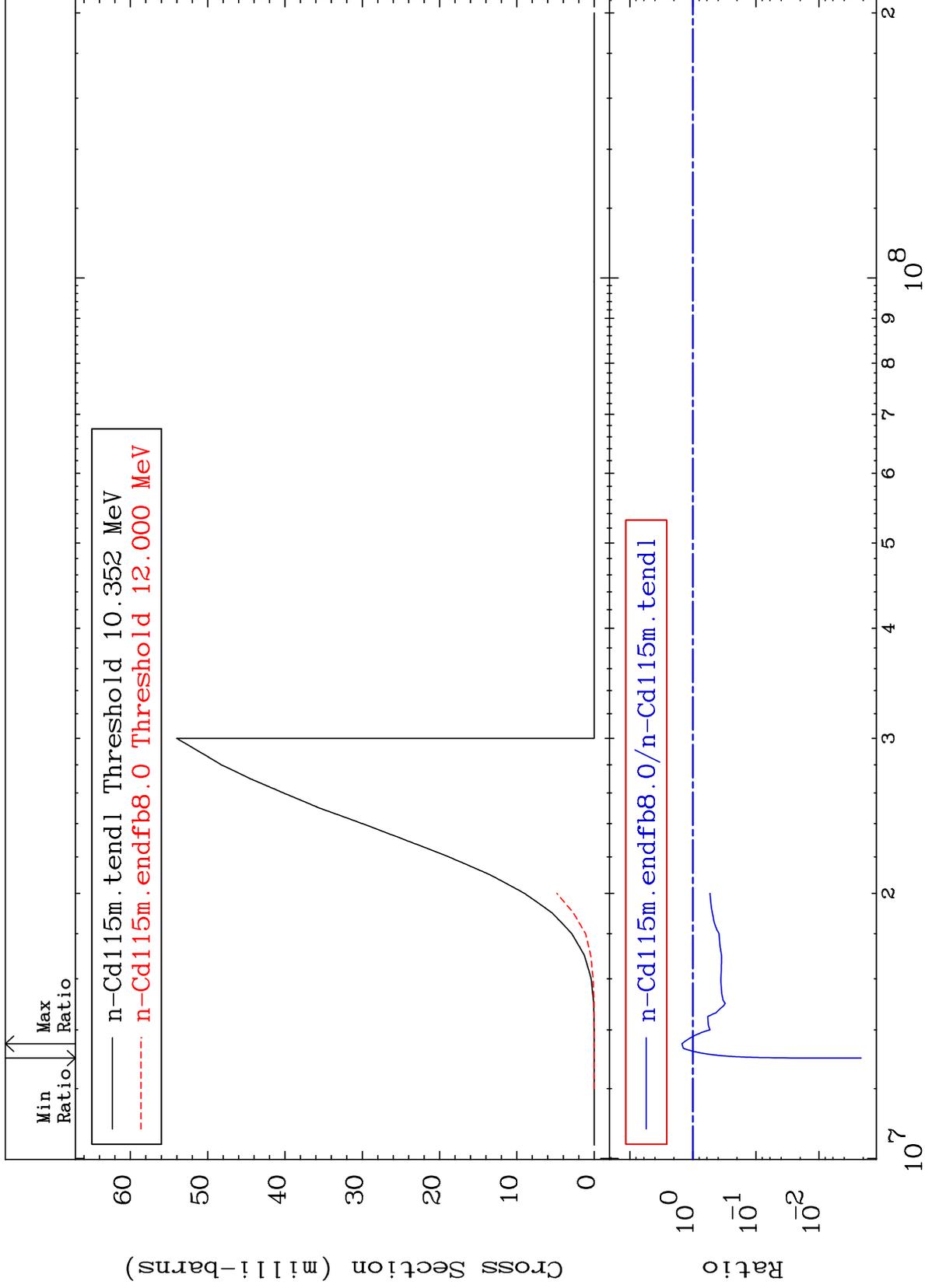


48-Cd-115

MAT 4853

(n,n') p  
Cross Section

48-Cd-115  
-99.78 To 49.87 %

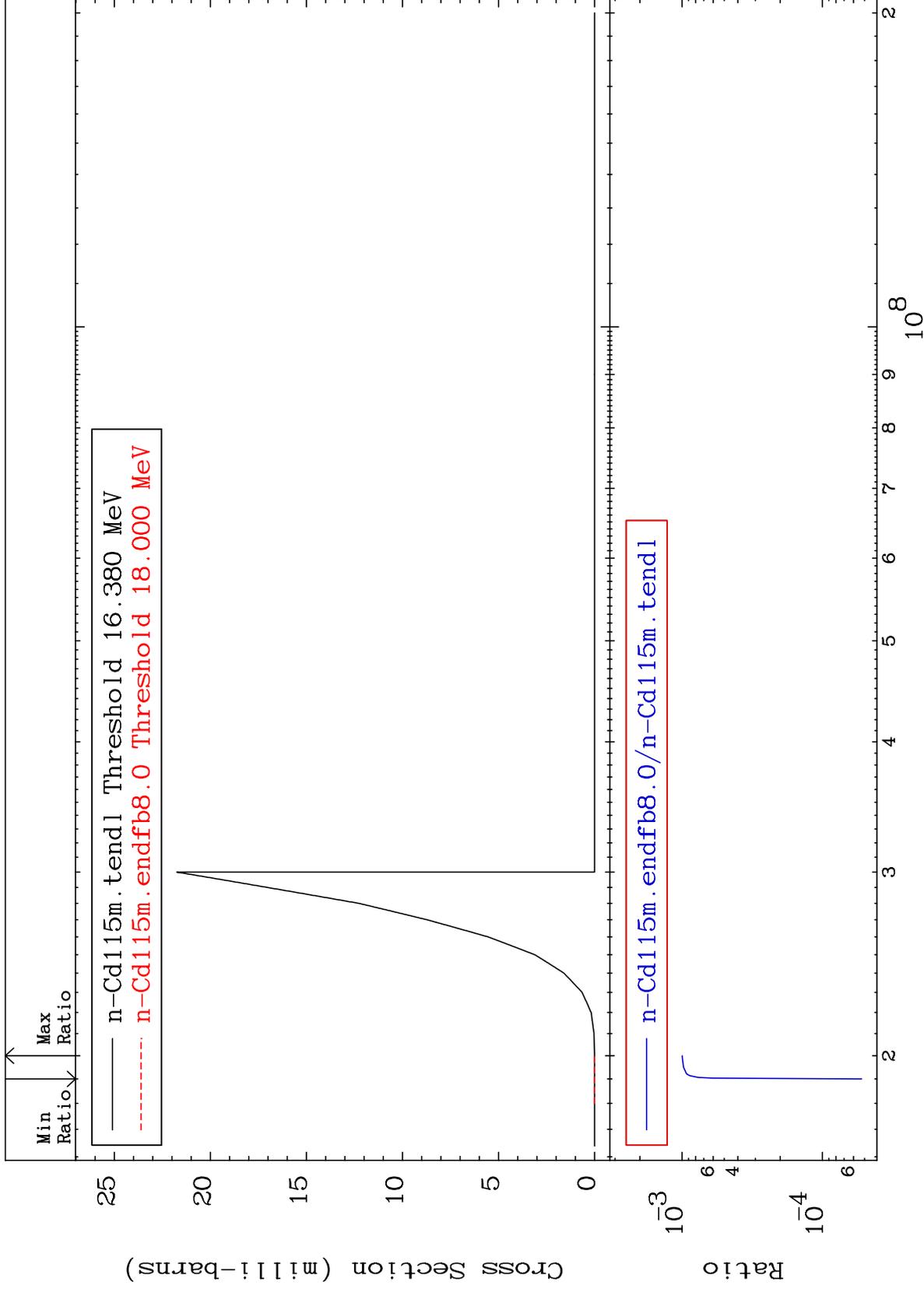


48-Cd-115

MAT 4853

(n,2n) p  
Cross Section

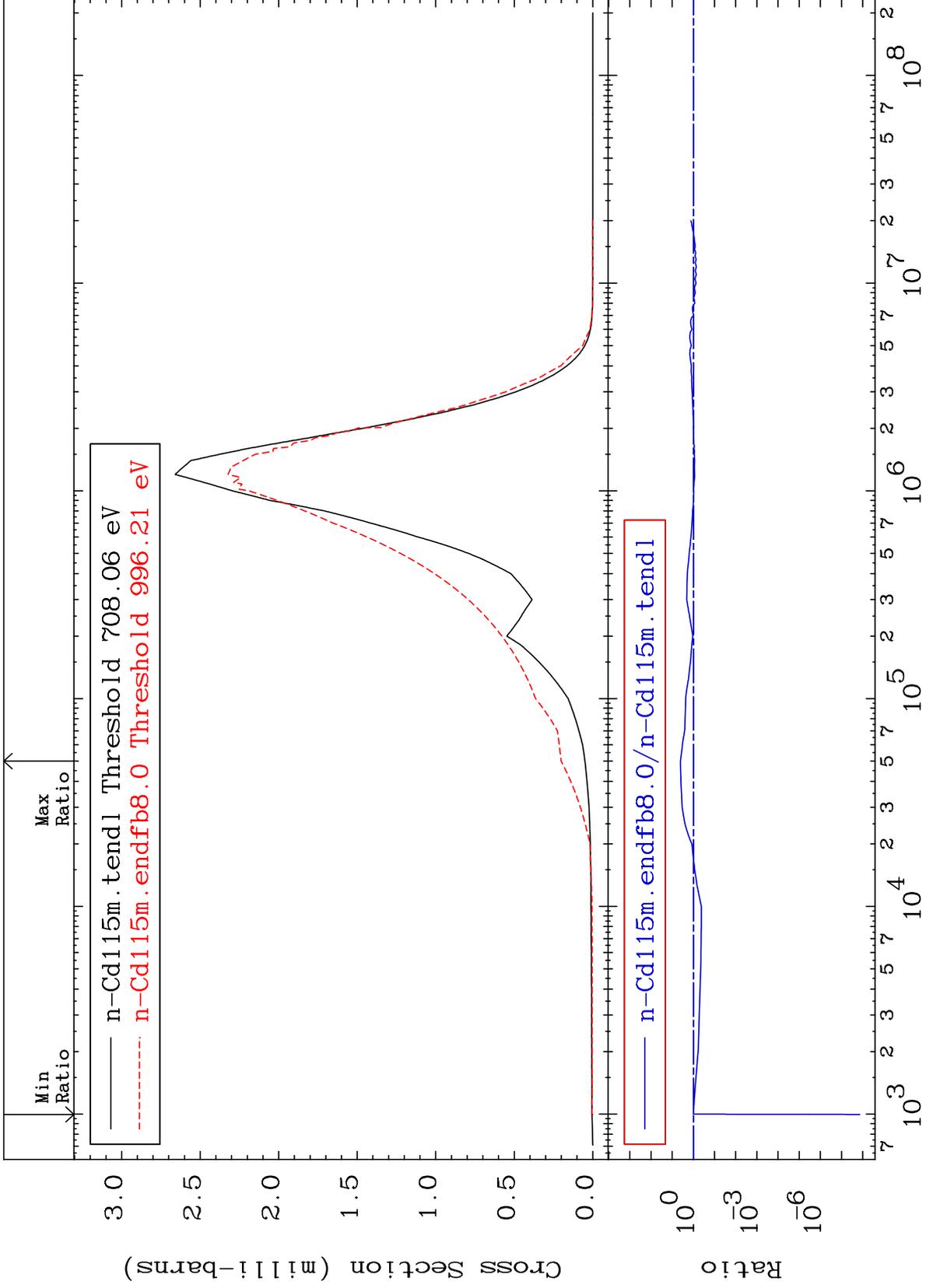
48-Cd-115  
-99.99 To -99.90%



MAT 4853

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

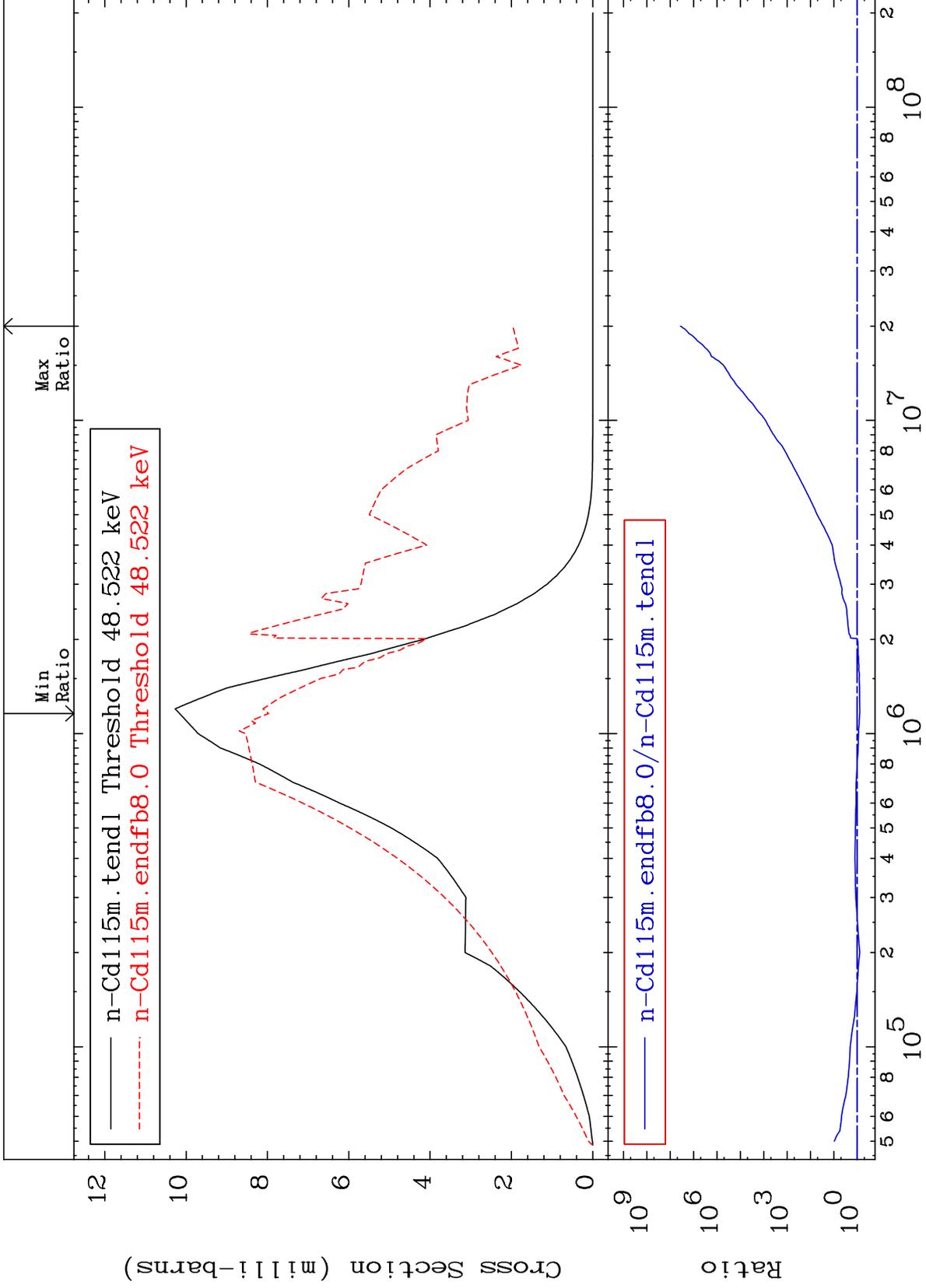
48-Cd-115  
-100.0 To 303.0 %



MAT 4853

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

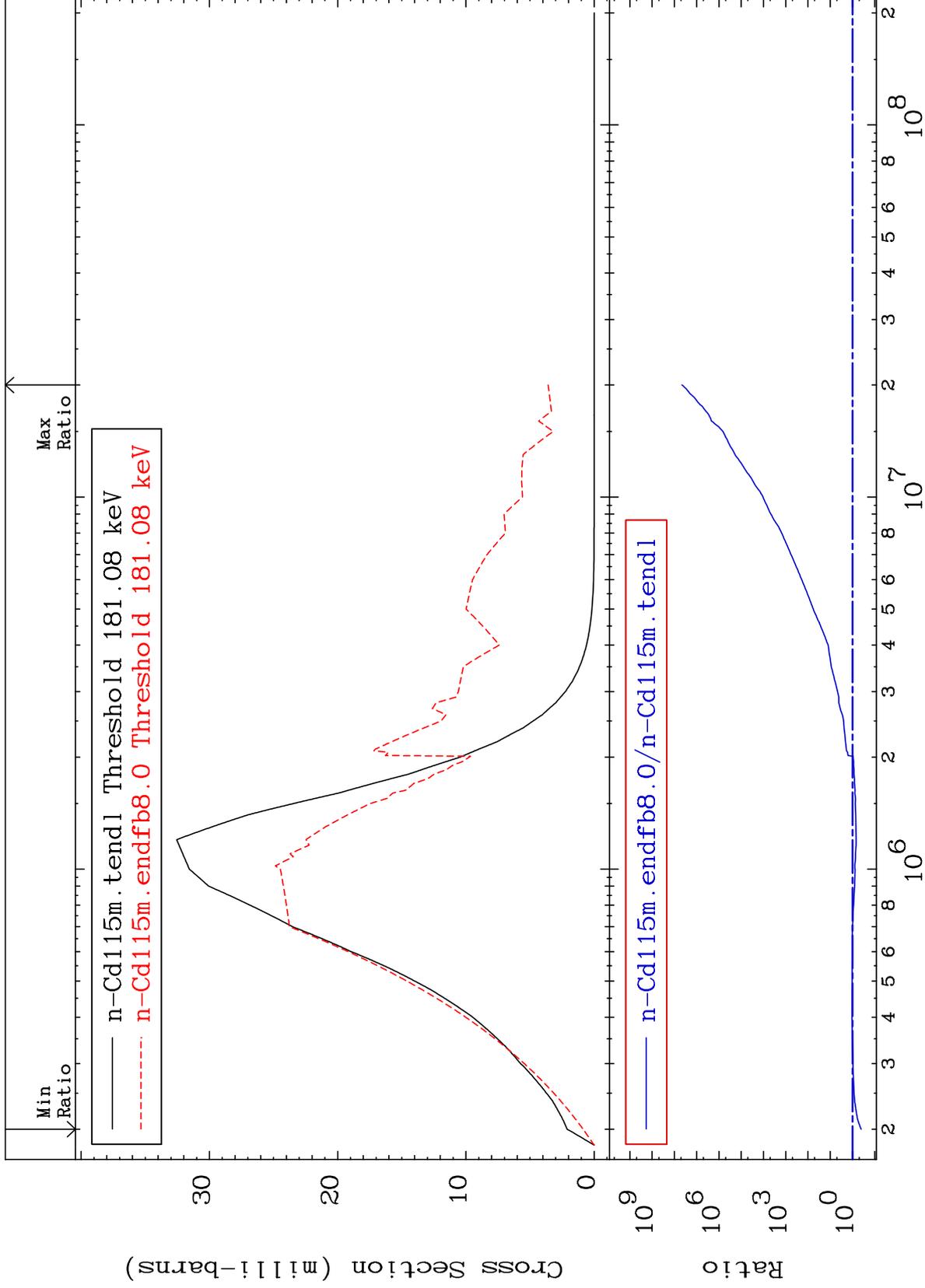
48-Cd-115  
-21.56 To 9999. %



MAT 4853

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

48-Cd-115  
-58.96 To 9999. %



12

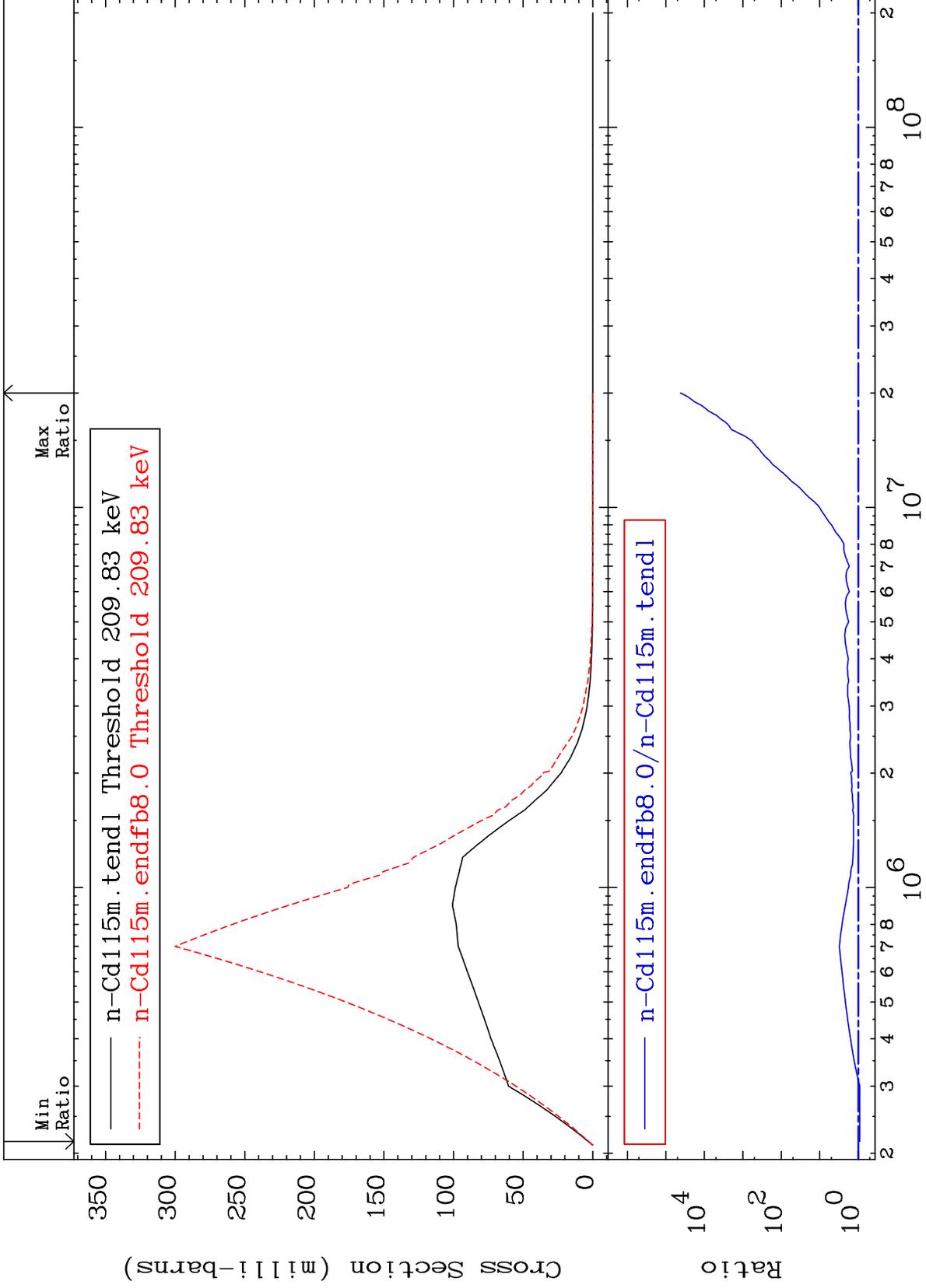
Incident Energy (eV)

48-Cd-115

MAT 4853

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

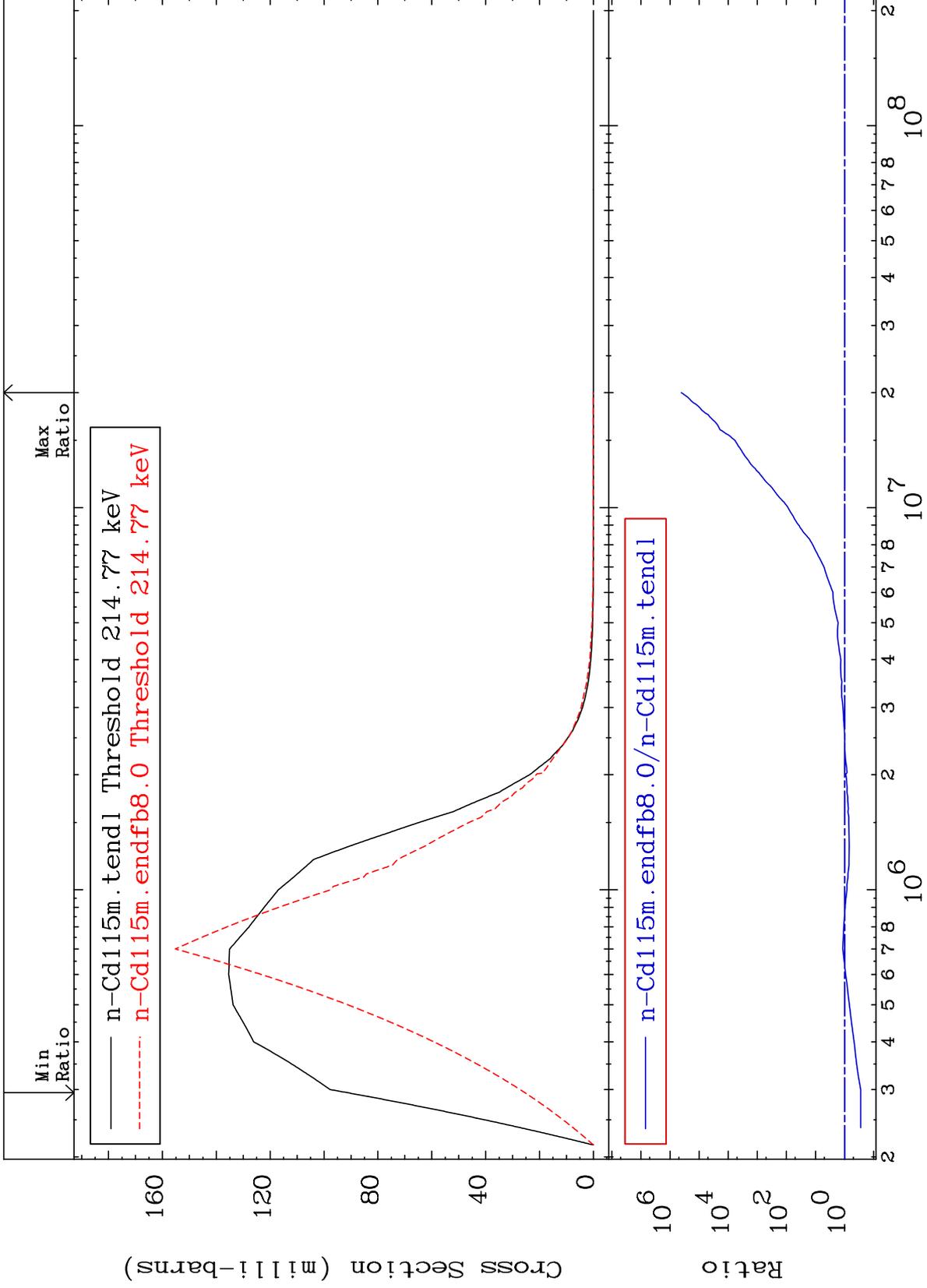
48-Cd-115  
-8.707 To 9999. %



MAT 4853

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

48-Cd-115  
-72.13 To 9999. %



14

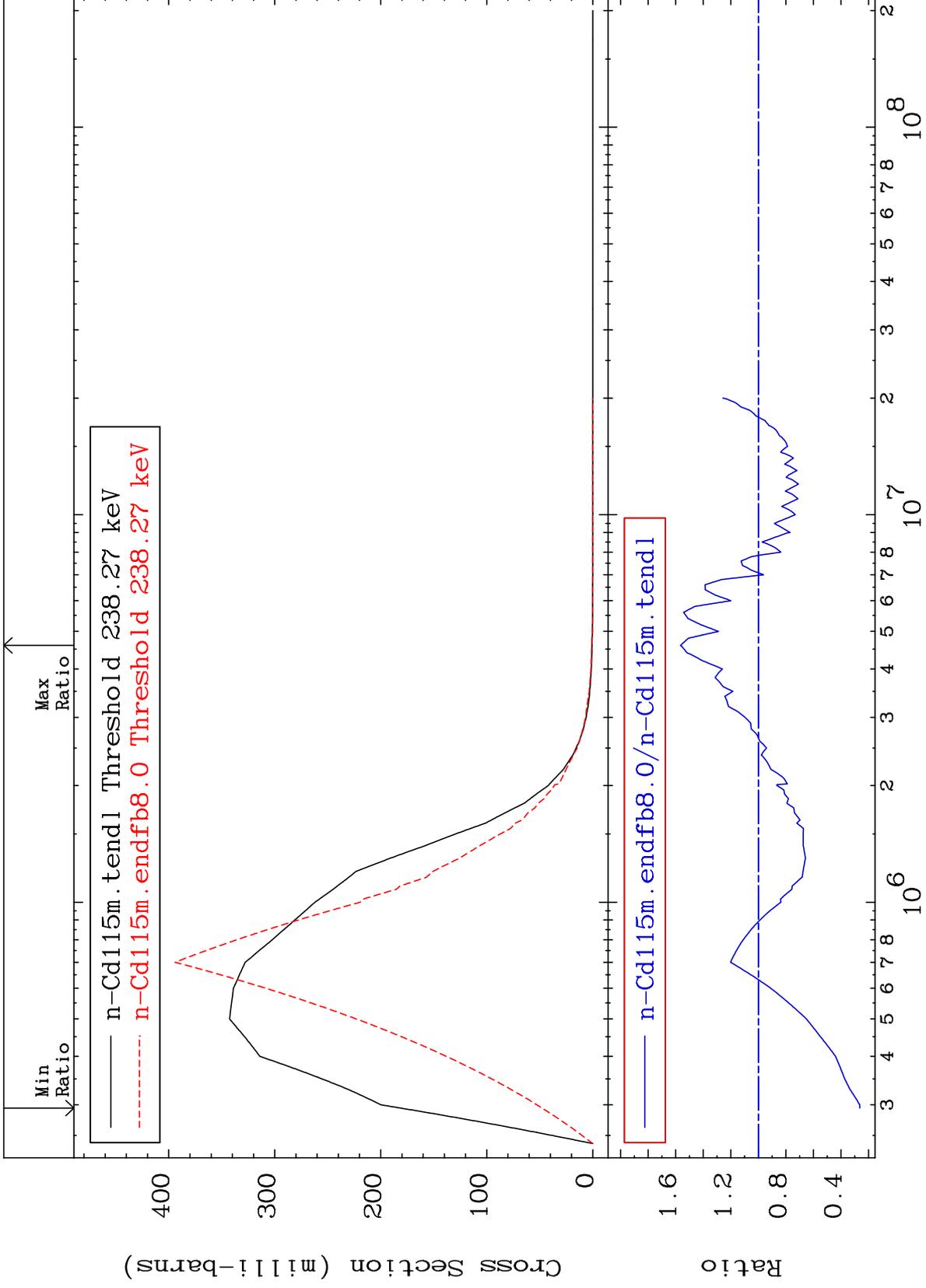
Incident Energy (eV)

48-Cd-115

MAT 4853

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

48-Cd-115  
-73.63 To 56.50 %



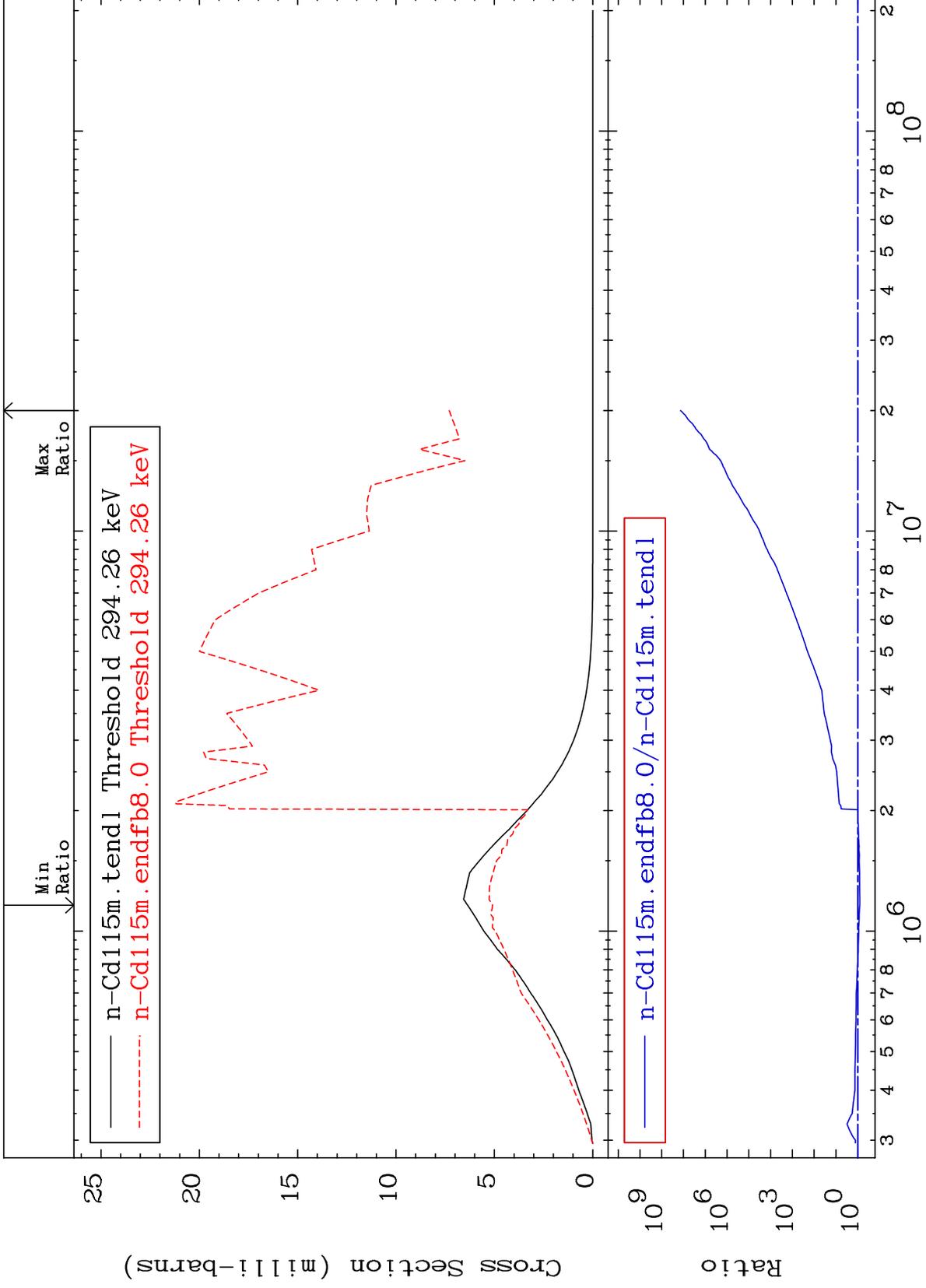
15

48-Cd-115

MAT 4853

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

48-Cd-115  
-19.98 To 9999. %



16

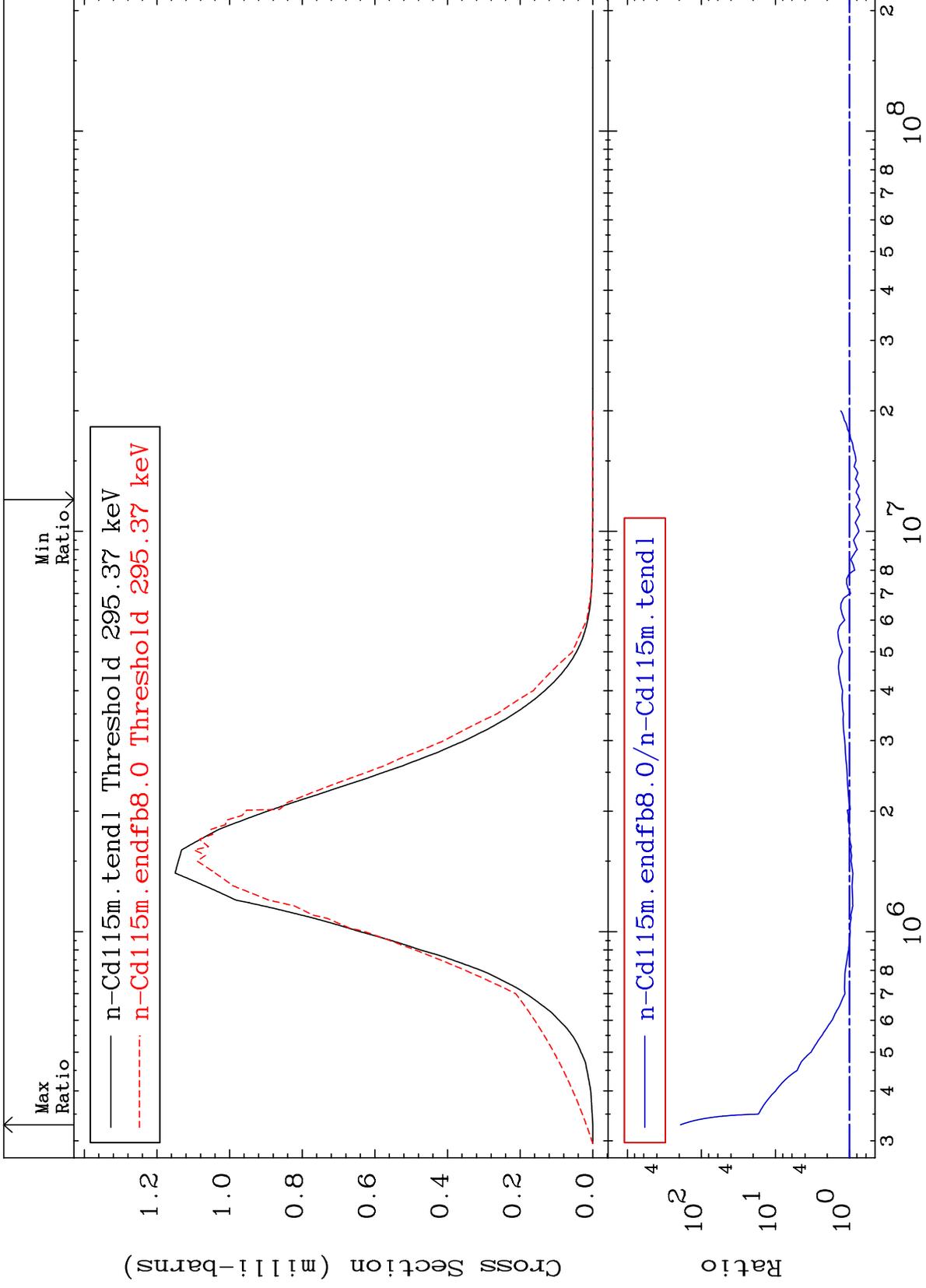
Incident Energy (eV)

48-Cd-115

MAT 4853

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

48-Cd-115  
-27.14 To 9999. %



17

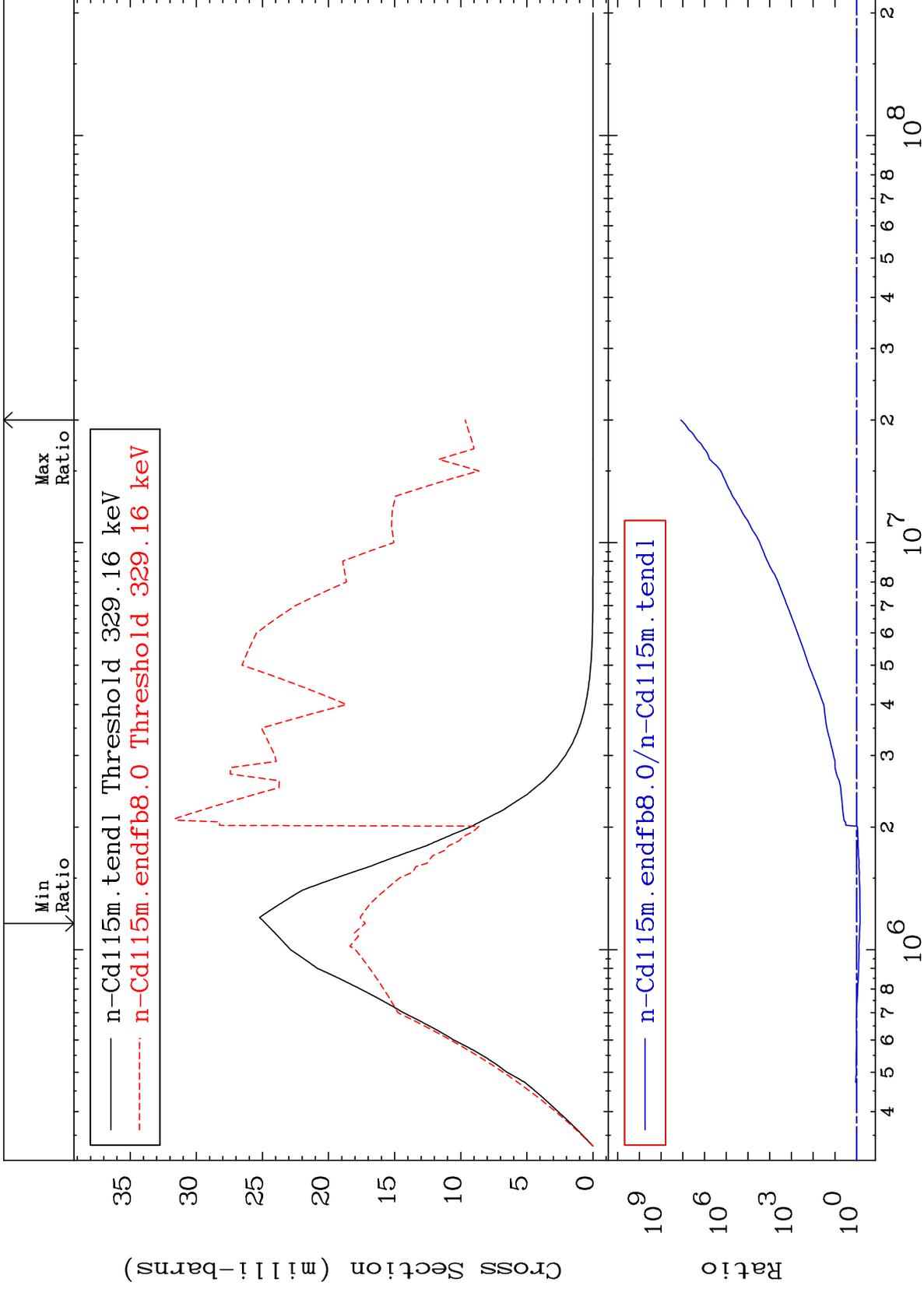
Incident Energy (eV)

48-Cd-115

MAT 4853

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

48-Cd-115  
-30.43 To 9999. %



18

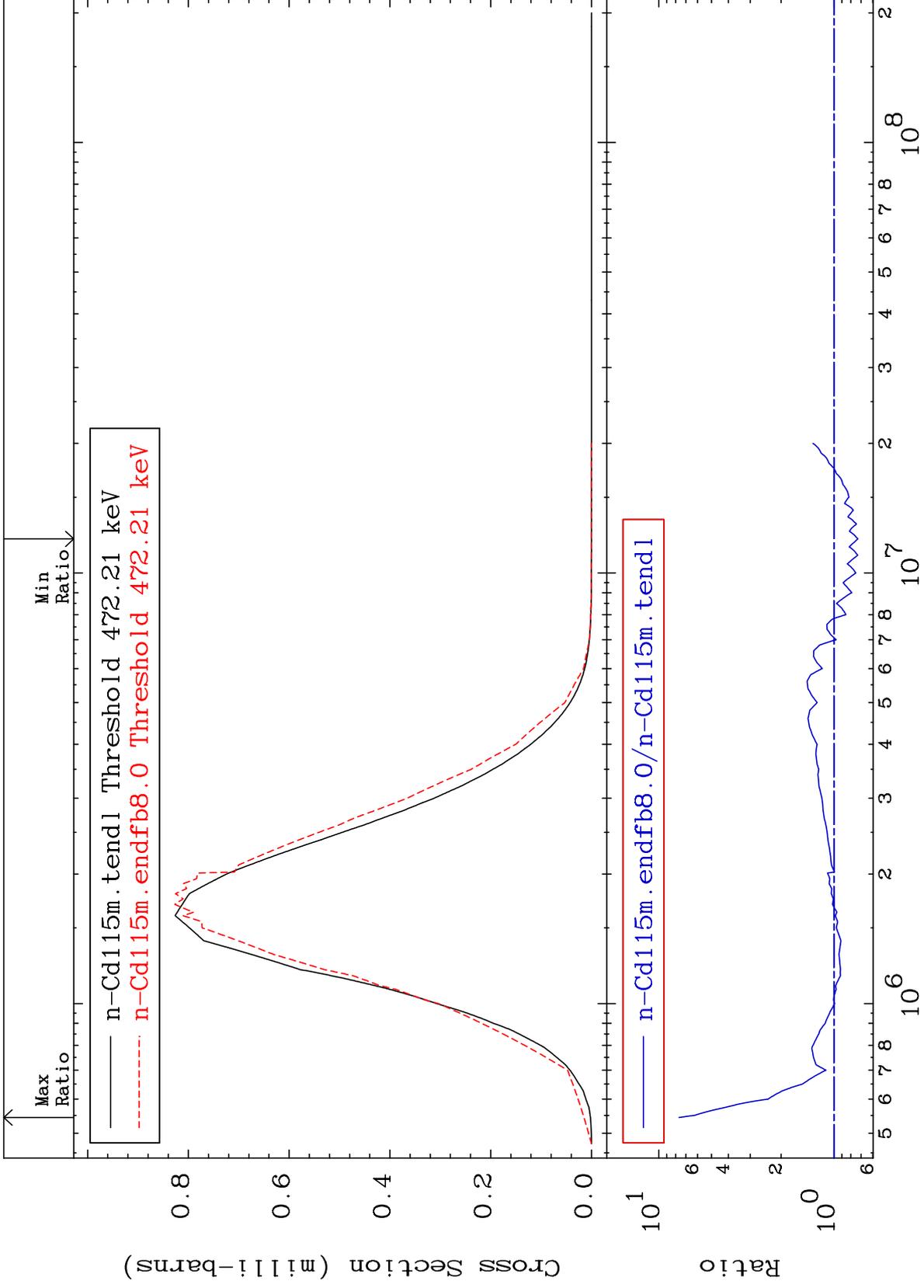
Incident Energy (eV)

48-Cd-115

MAT 4853

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

48-Cd-115  
-27.10 To 665.8 %



19

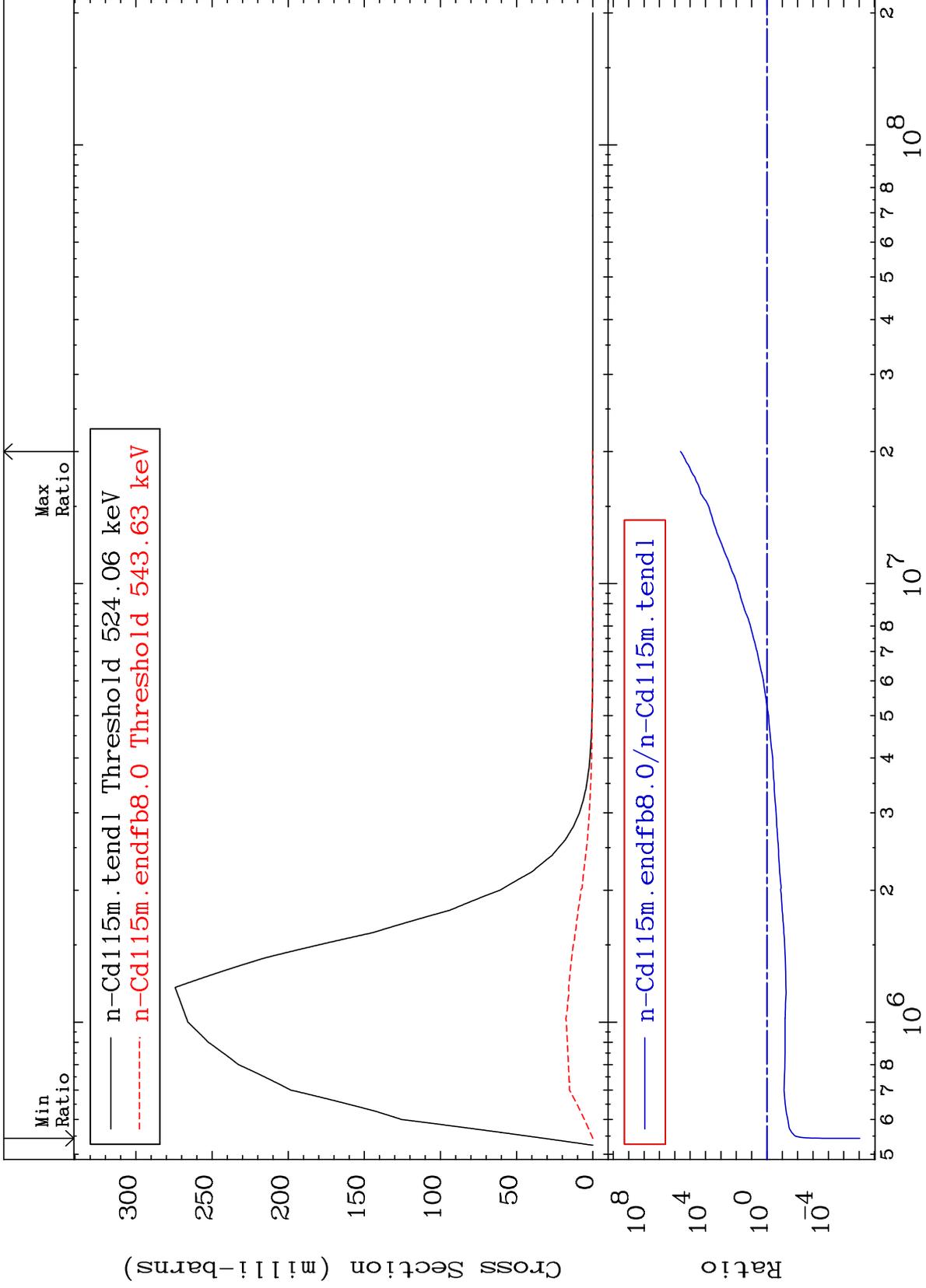
Incident Energy (eV)

48-Cd-115

MAT 4853

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

48-Cd-115  
-100.0 To 9999. %



20

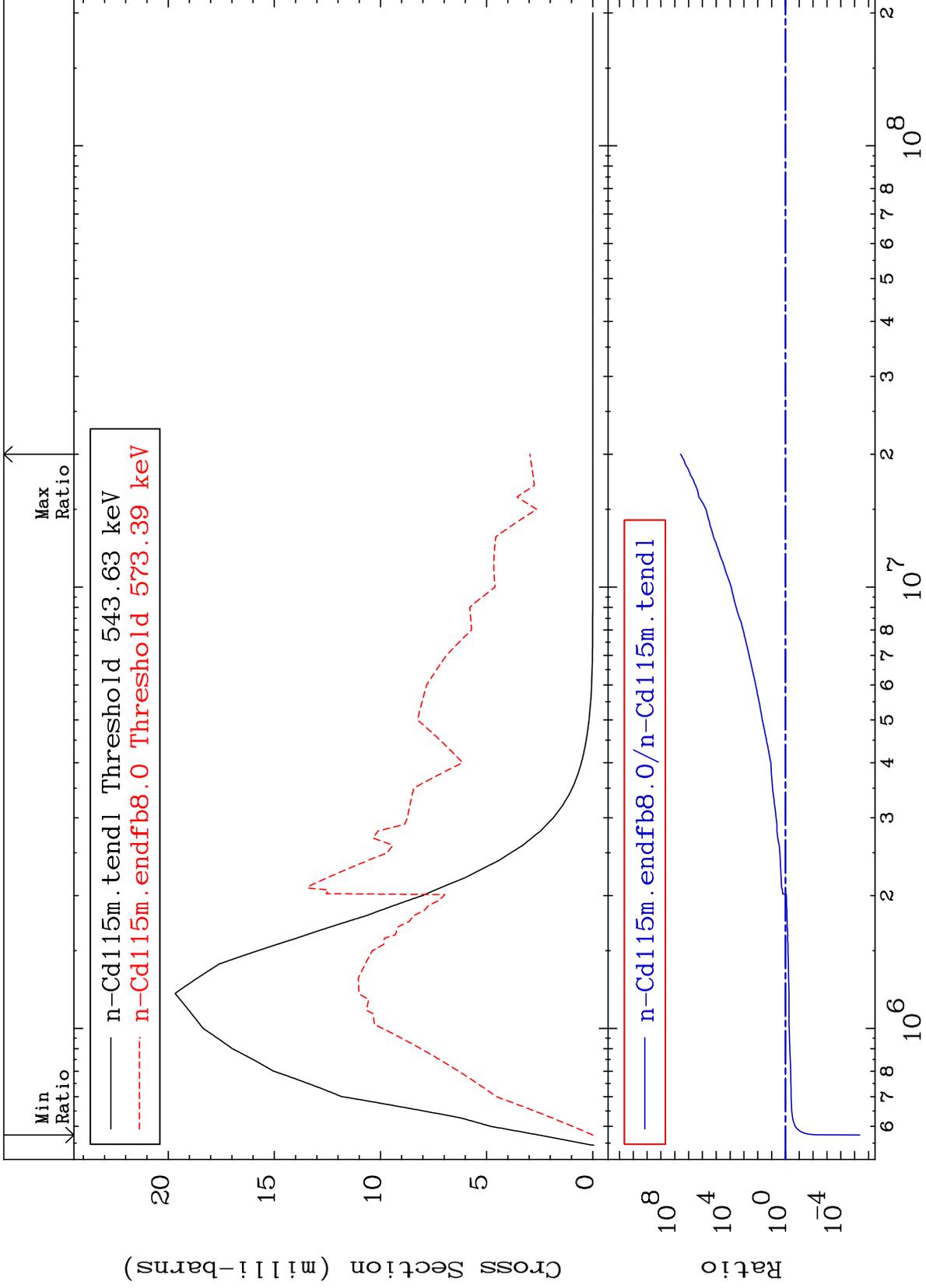
Incident Energy (eV)

48-Cd-115

MAT 4853

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

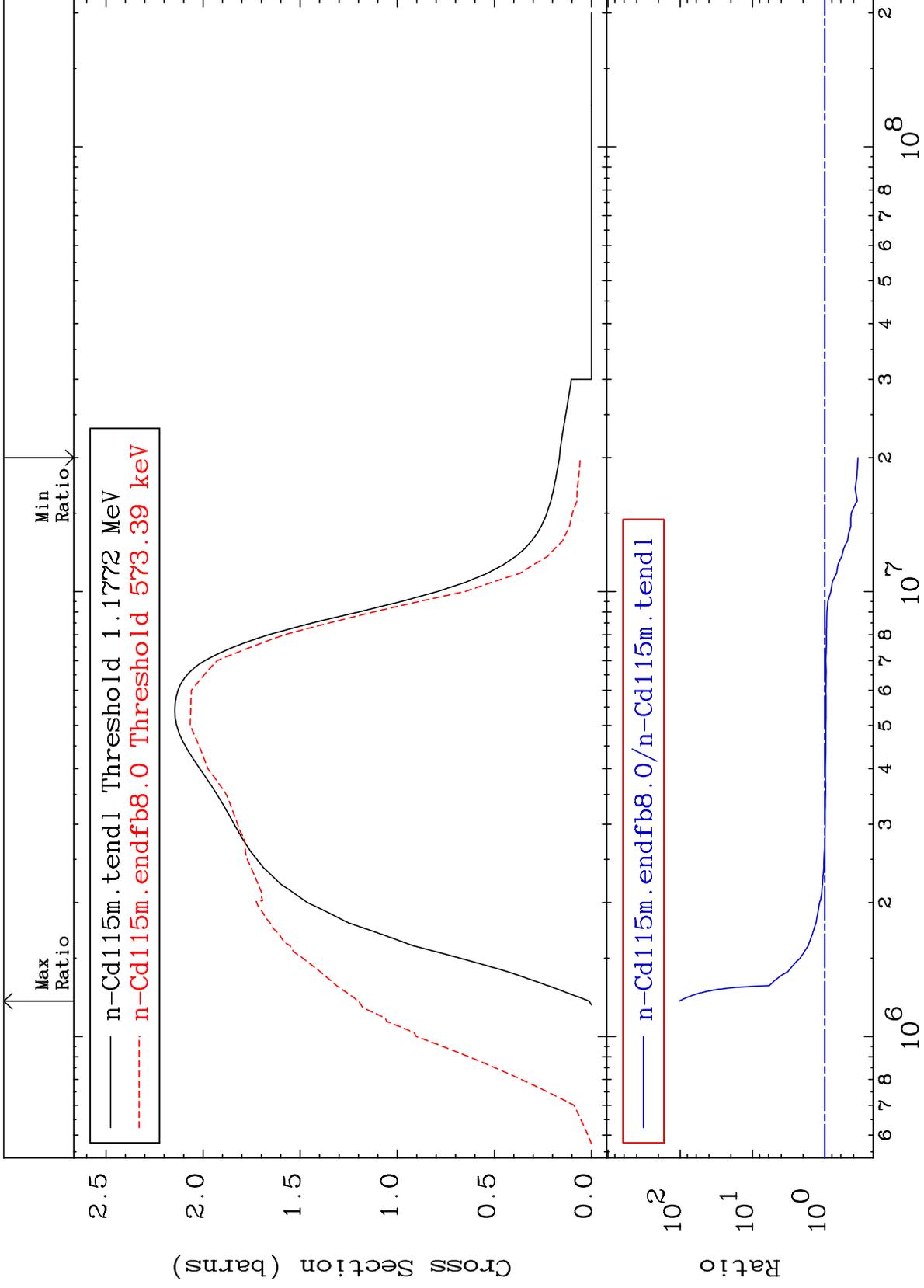
48-Cd-115  
-100.0 To 9999. %



MAT 4853

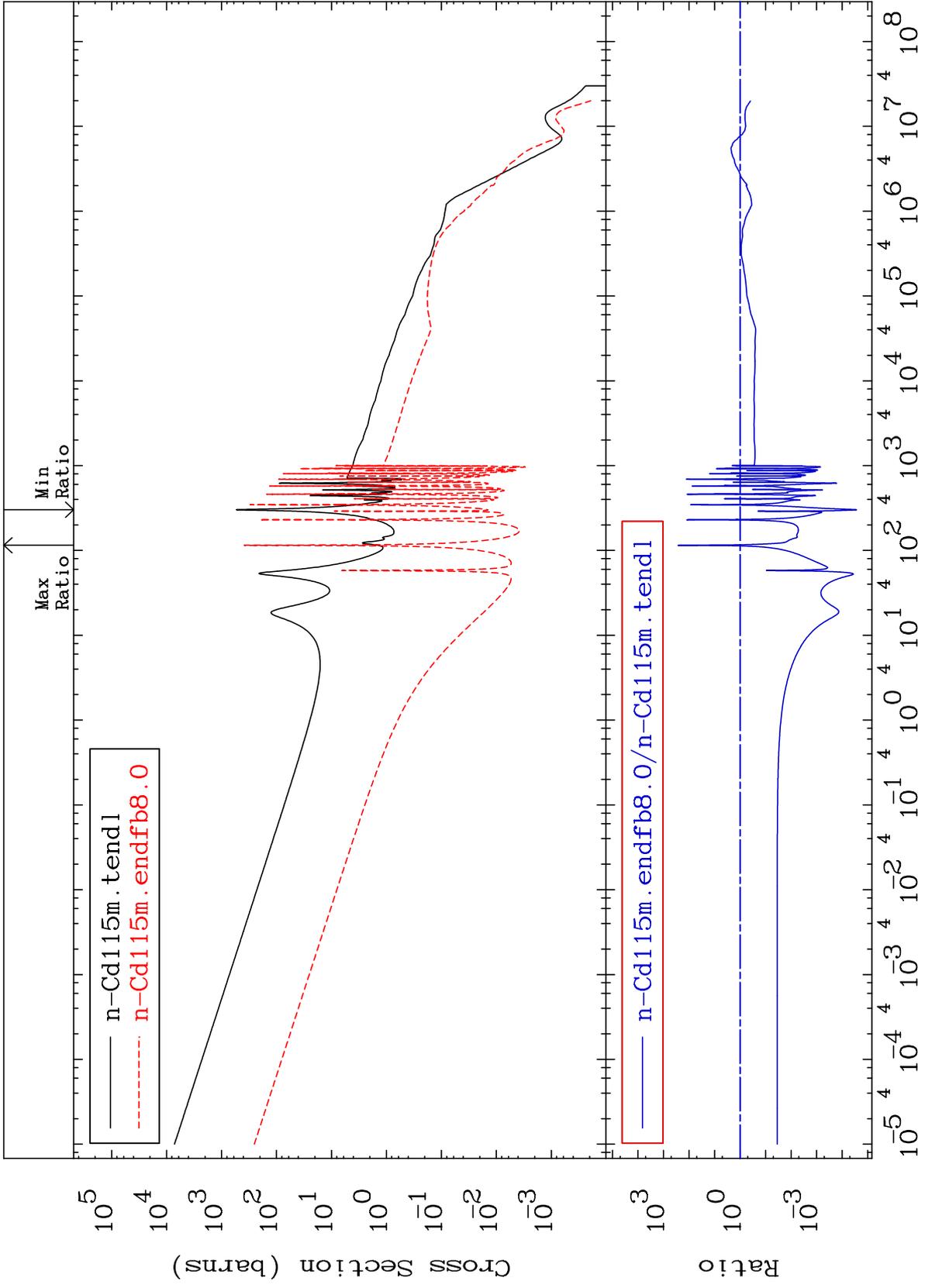
(n, n') Continuum  
Cross Section

48-Cd-115  
-65.17 To 9999. %



MAT 4853

(n,  $\gamma$ )  
Cross Section  
48-Cd-115  
-100.0 To 9999. %



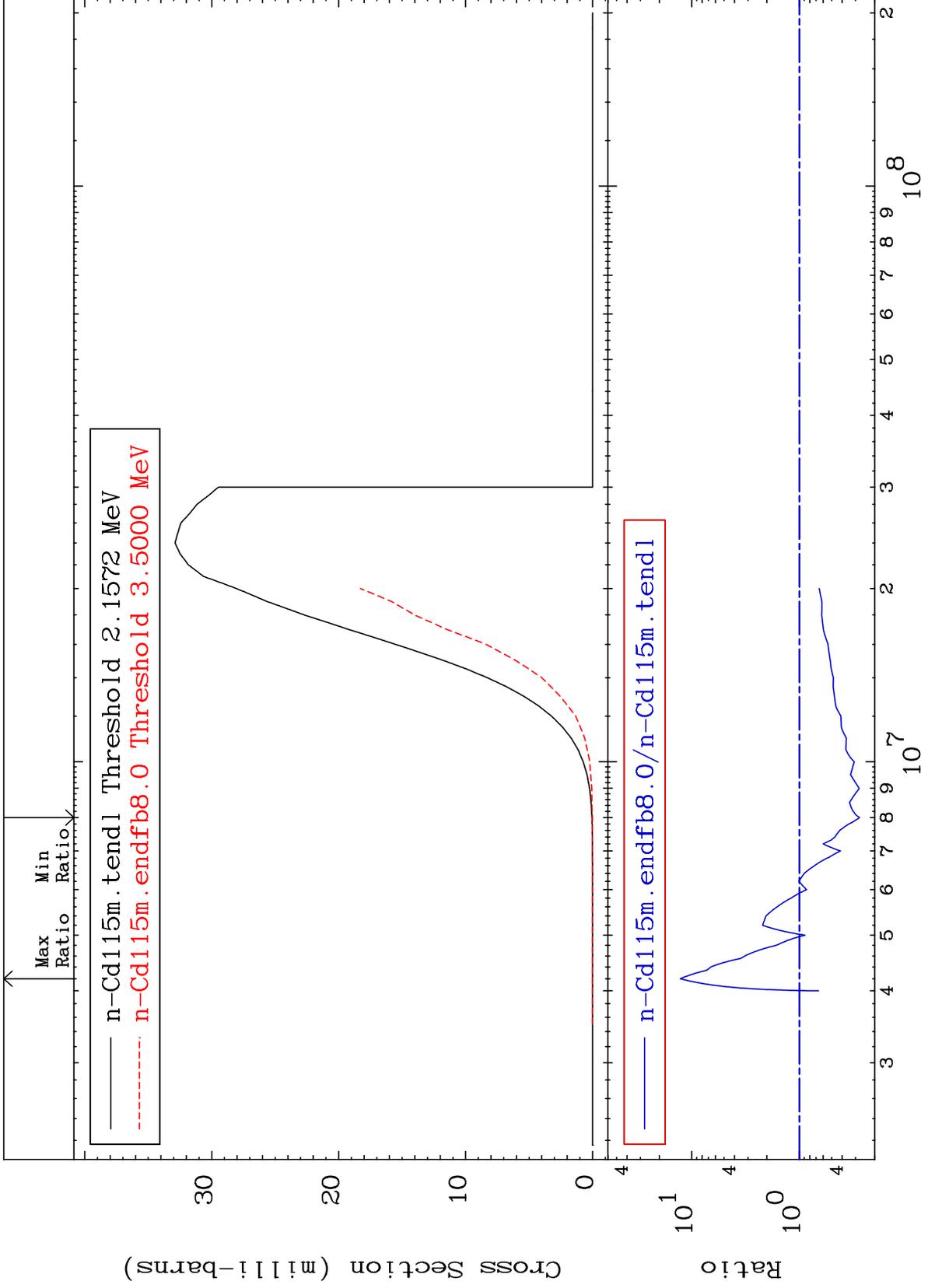
MAT 4853

(n,p)

48-Cd-115

Cross Section

-72.41 To 1178. %



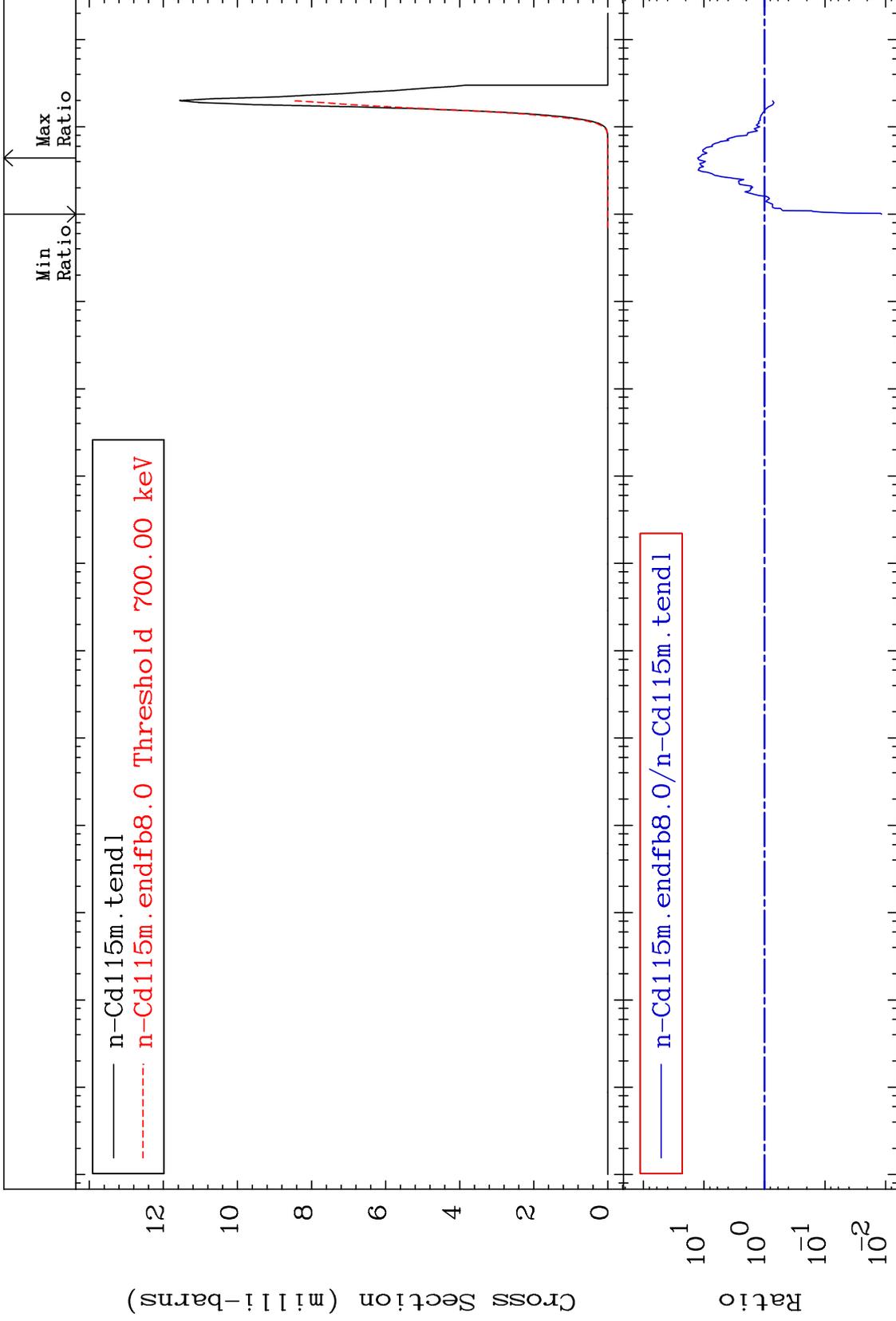
MAT 4853

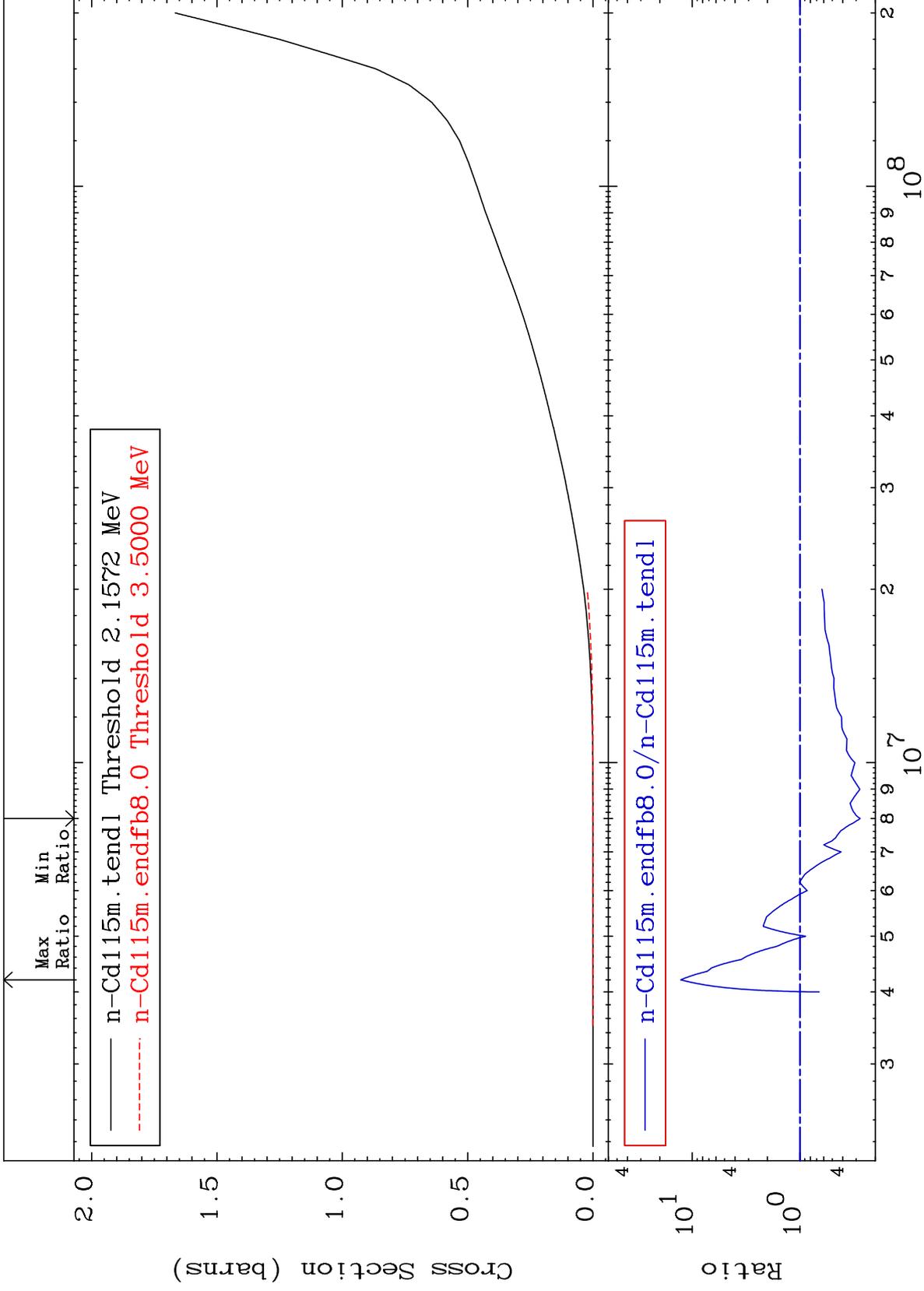
(n,  $\alpha$ )

48-Cd-115

Cross Section

-98.84 To 1165. %

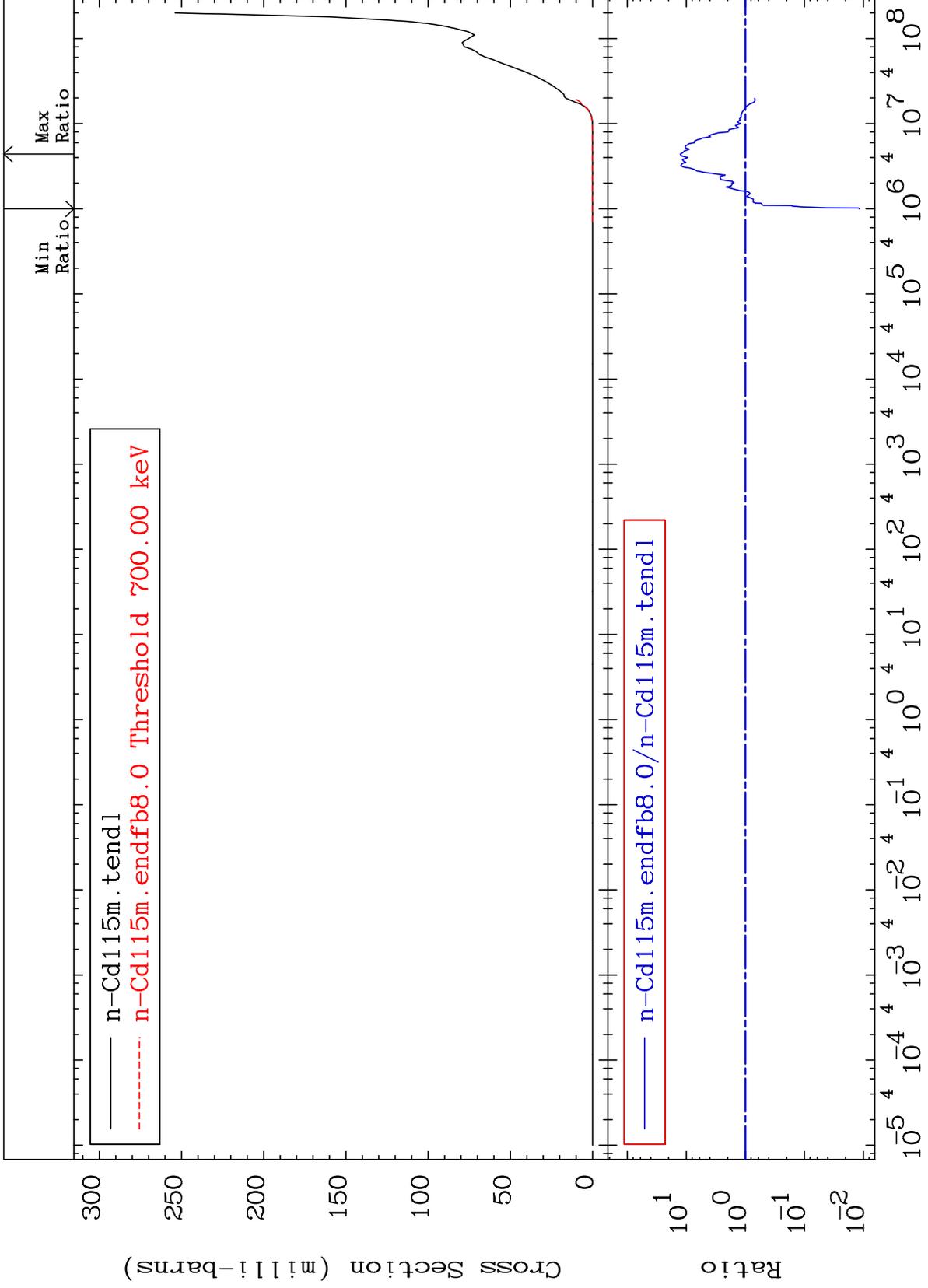




MAT 4853

He-4 Production  
Cross Section

48-Cd-115  
-98.84 To 1165. %



27

Incident Energy (eV)

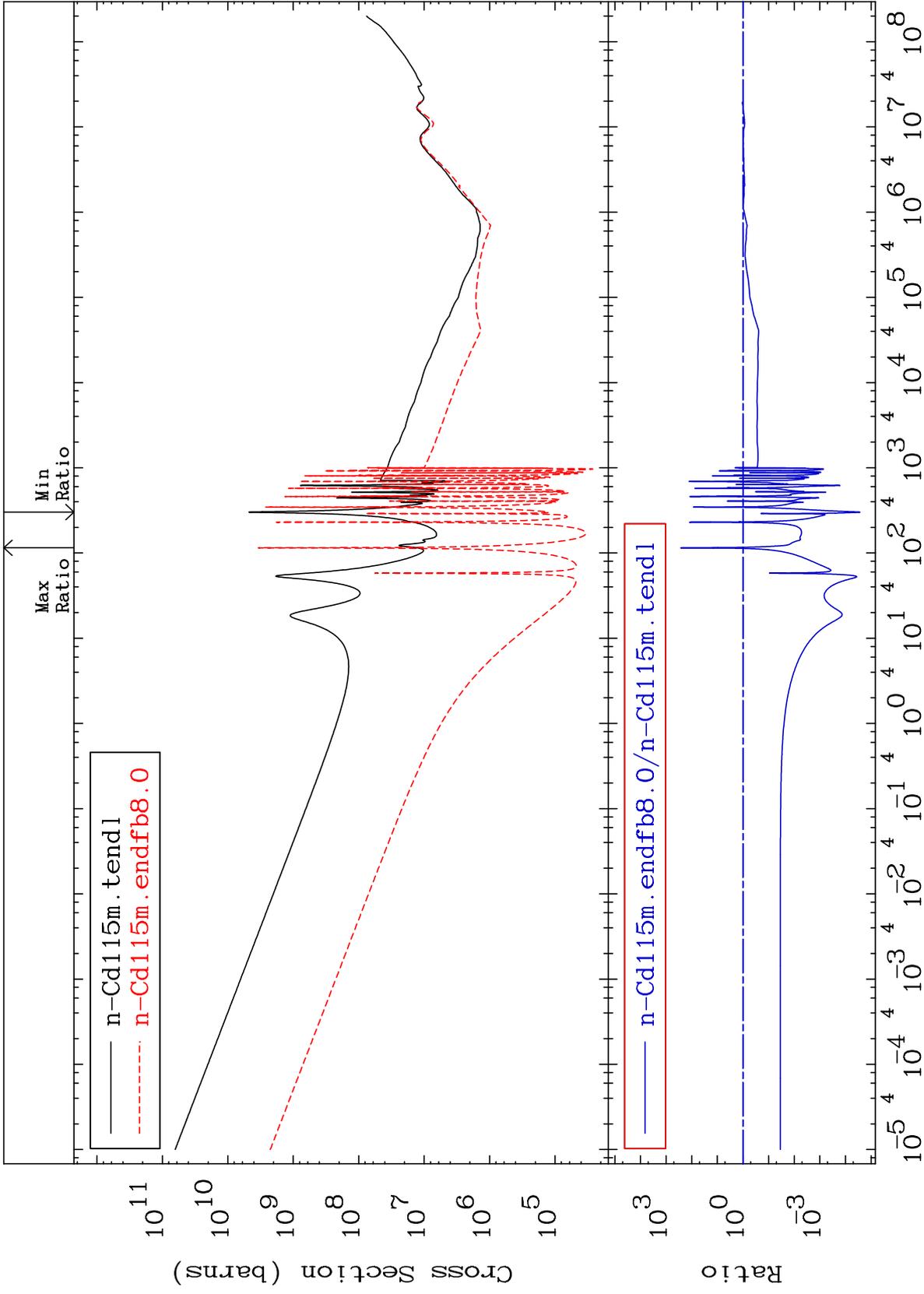
48-Cd-115

MAT 4853

Kerma total (eV-barns)

48-Cd-115

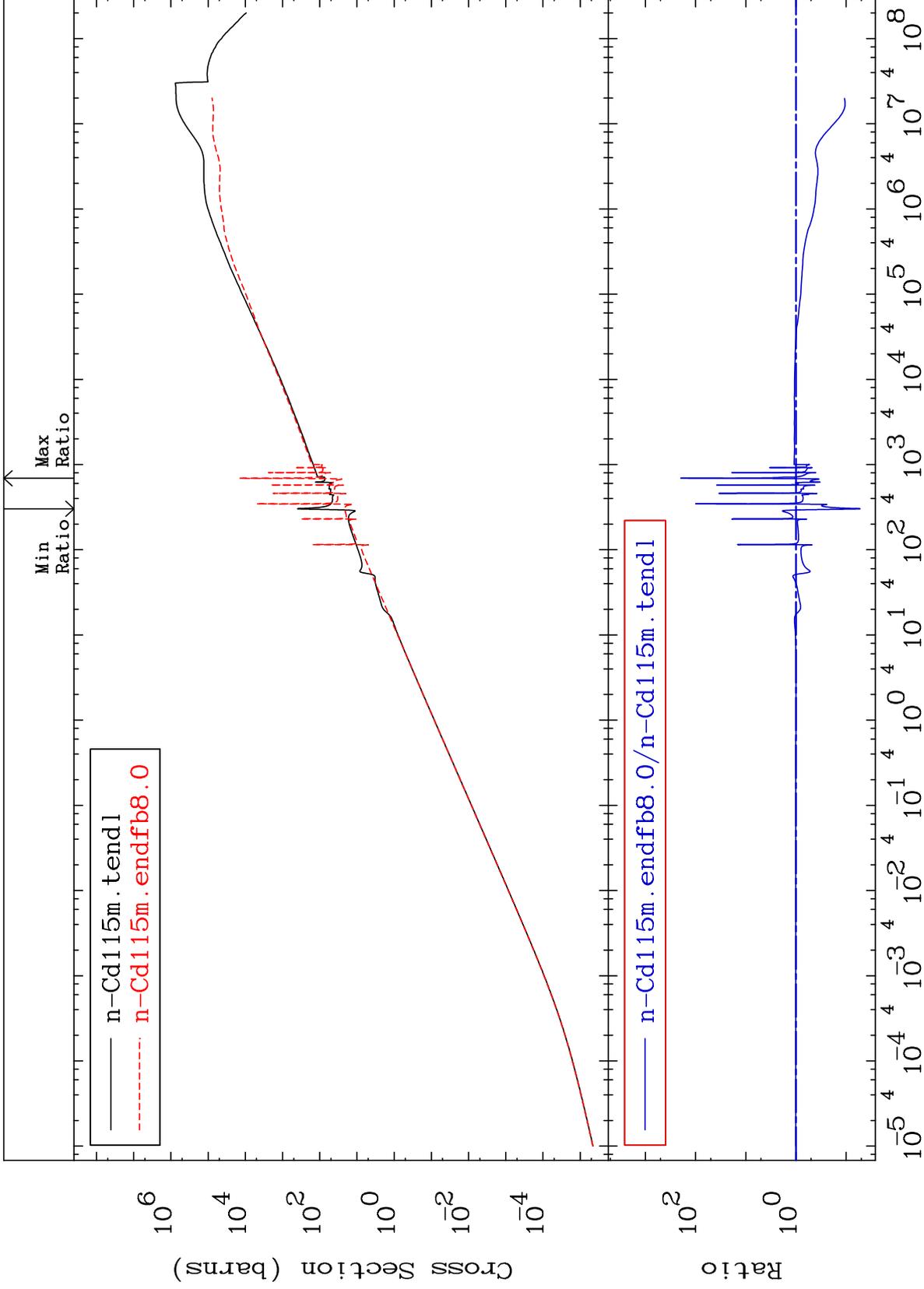
-100.0 To 9999. %



MAT 4853

Kerma elastic  
Cross Section

48-Cd-115  
-94.72 To 9999. %



— n-Cd115m.tendl  
- - - n-Cd115m.endfb8.0

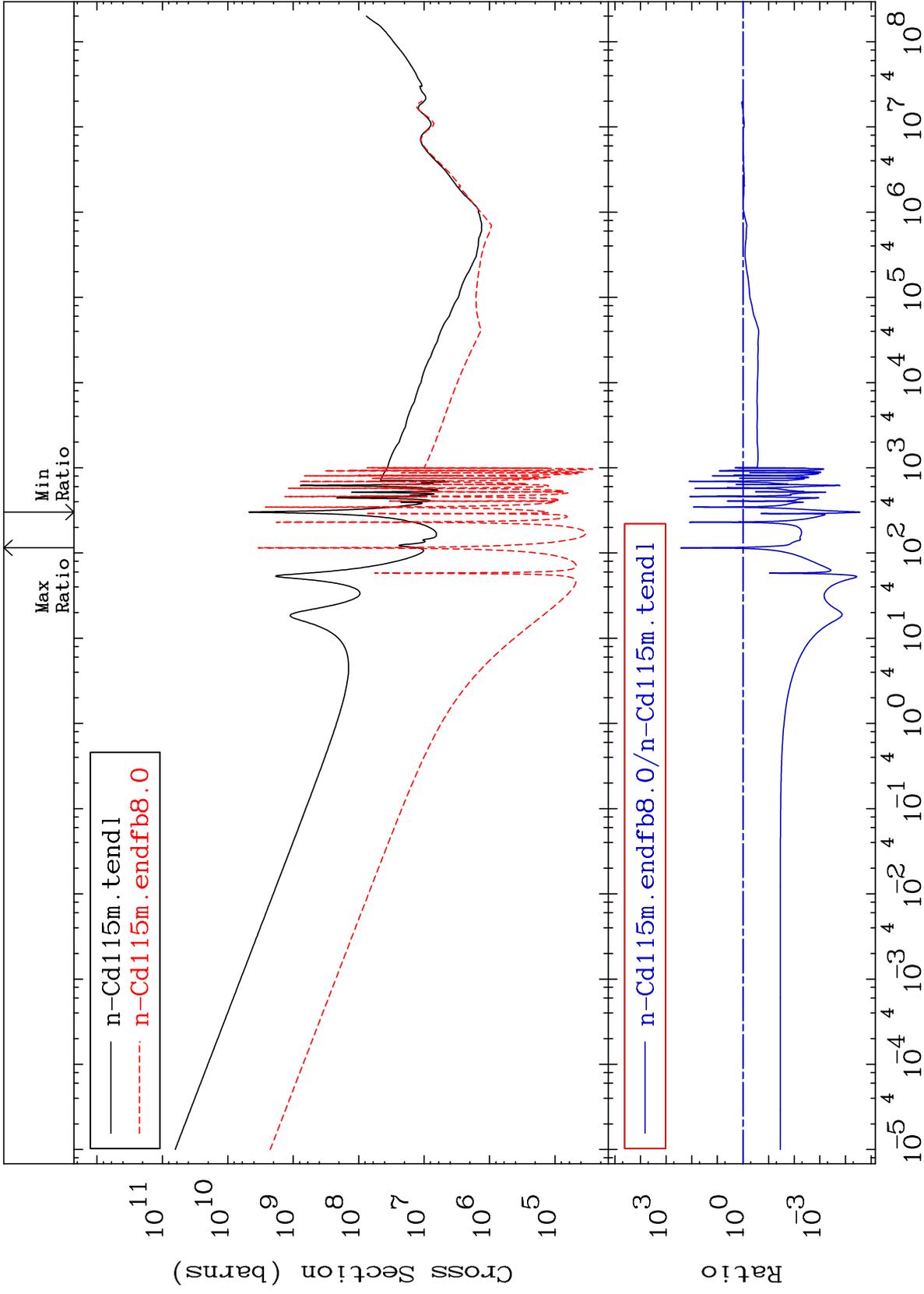
— n-Cd115m.endfb8.0/n-Cd115m.tendl

MAT 4853

Kerma non-elastic (all but mt2)

48-Cd-115

-100.0 To 9999. %



30

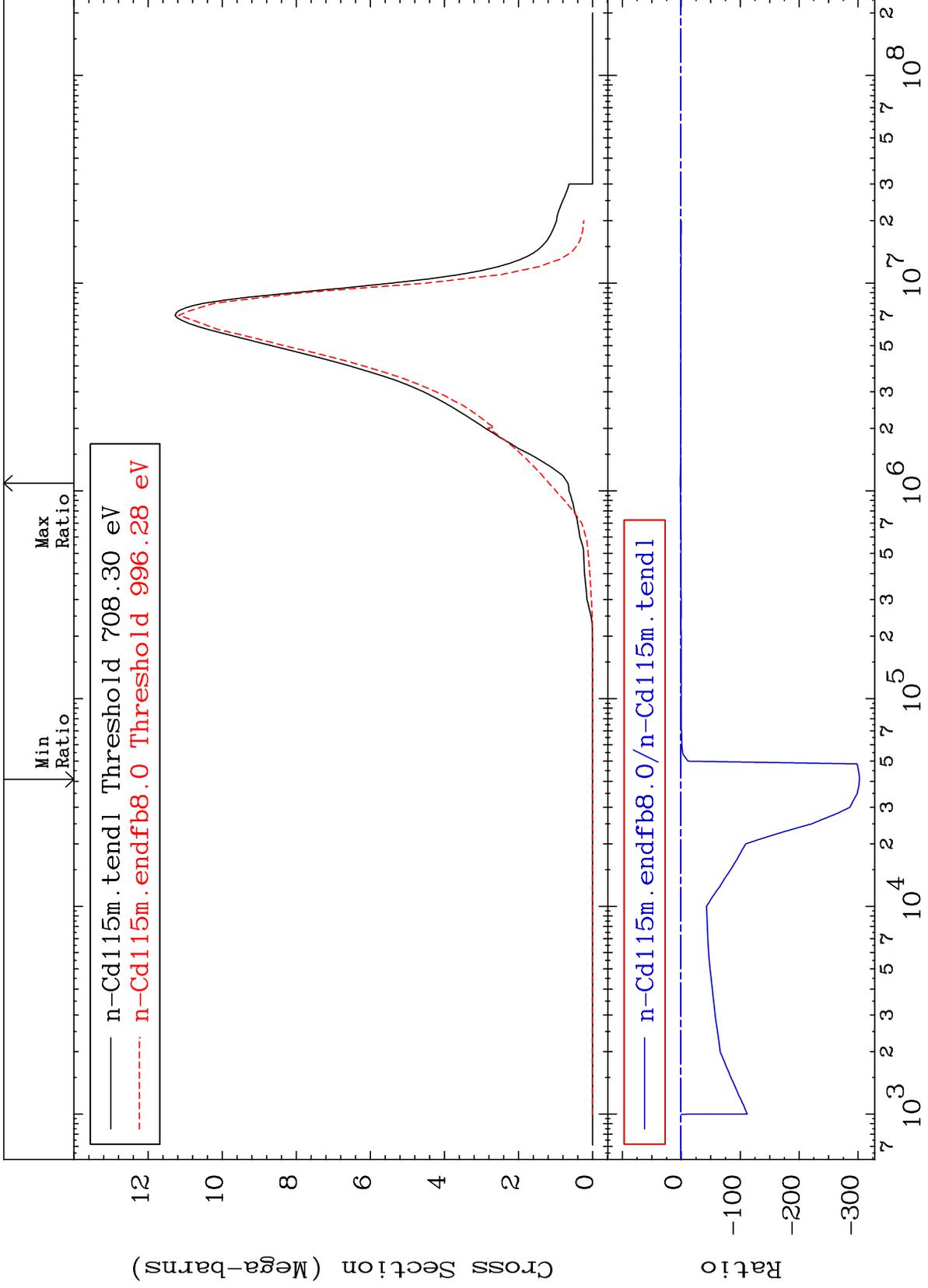
Incident Energy (eV)

48-Cd-115

MAT 4853

Kerma inelastic (mt51-91)  
Cross Section

48-Cd-115  
-9999. To 76.97 %



31

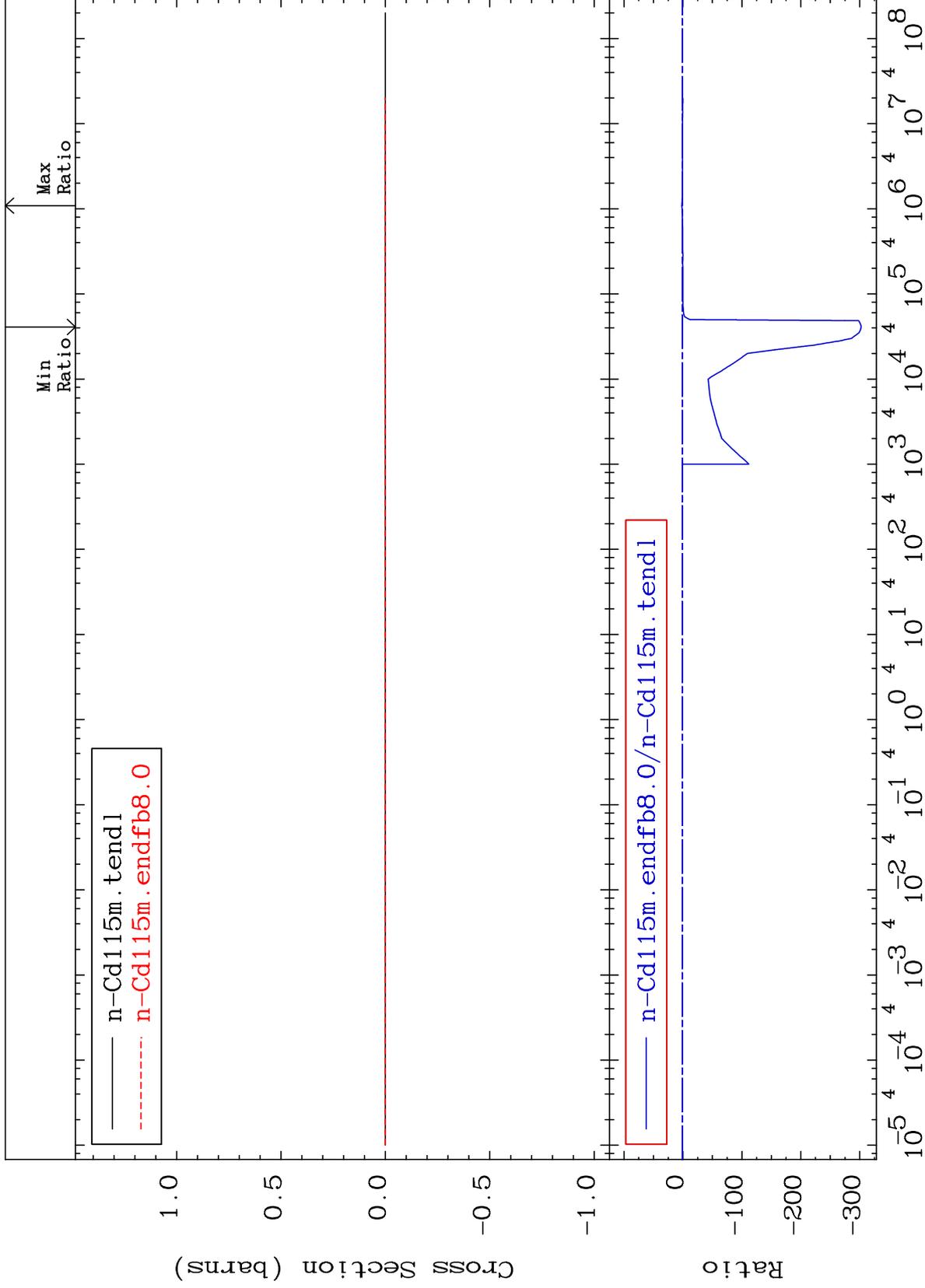
Incident Energy (eV)

48-Cd-115

MAT 4853

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

48-Cd-115  
-9999. To 76.97 %



32

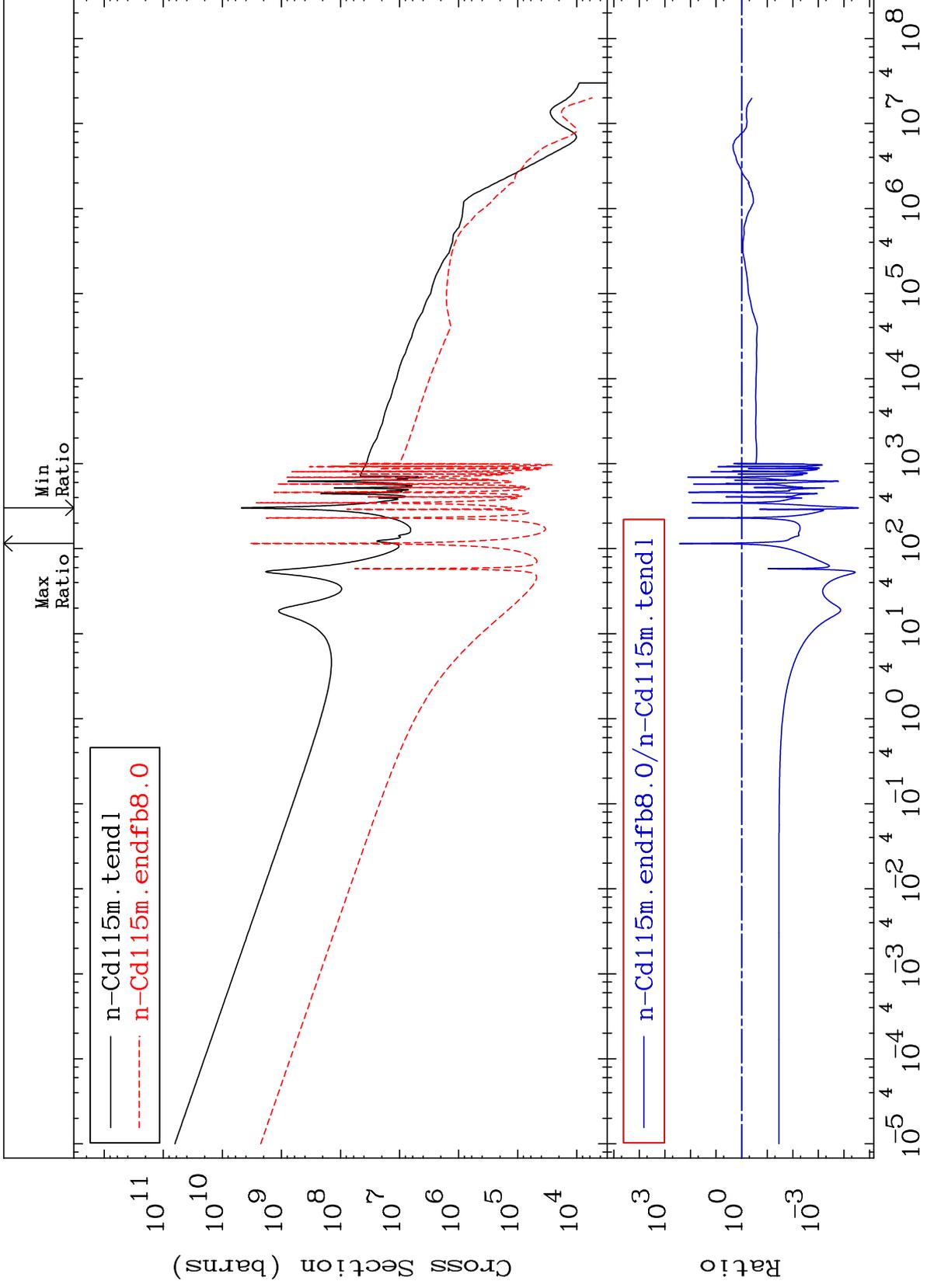
Incident Energy (eV)

48-Cd-115

MAT 4853

Kerma capture (mt102)  
Cross Section

48-Cd-115  
-100.0 To 9999. %



33

Incident Energy (eV)

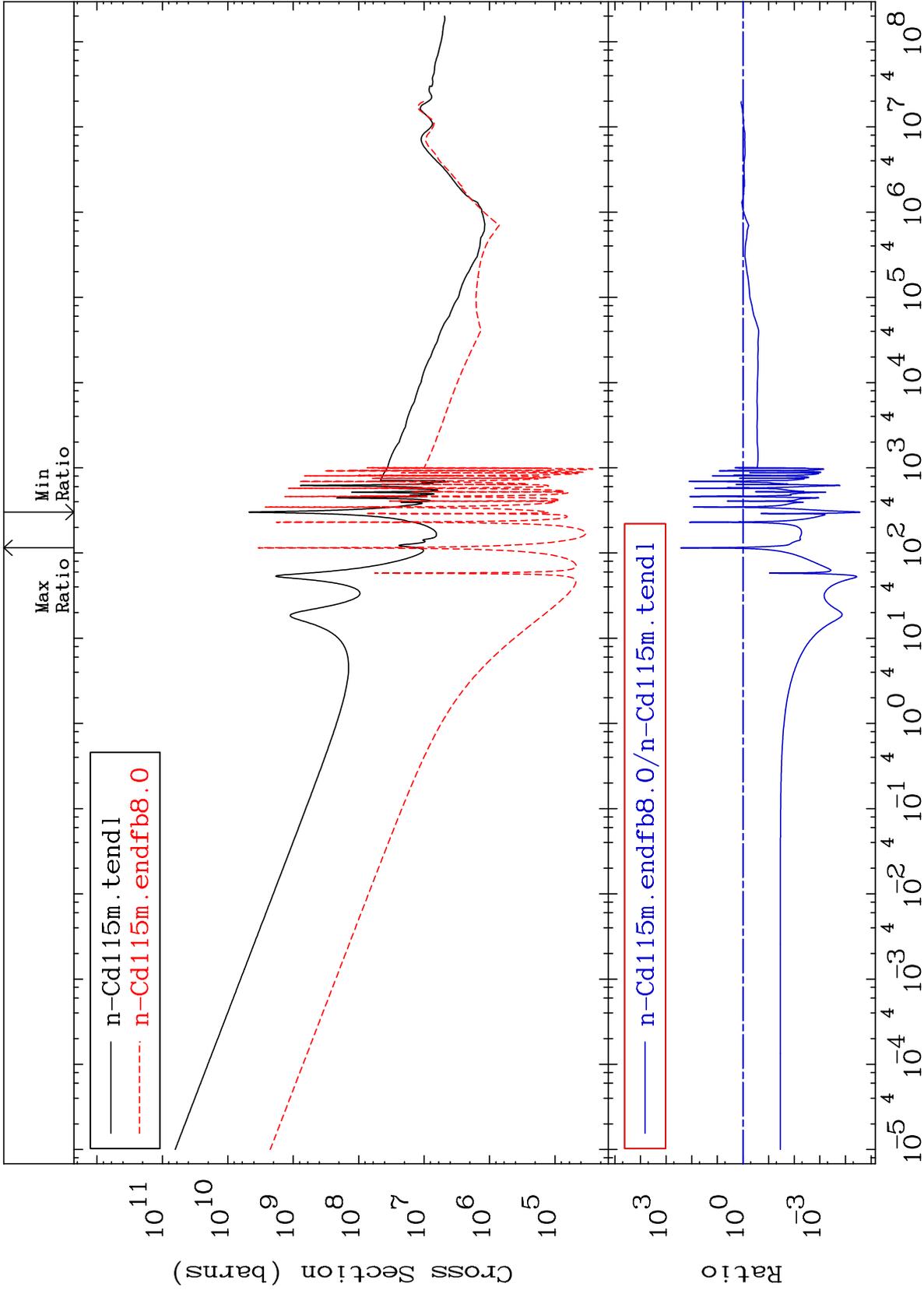
48-Cd-115

MAT 4853

Total photon (eV-barns)

48-Cd-115

-100.0 To 9999. %



34

Incident Energy (eV)

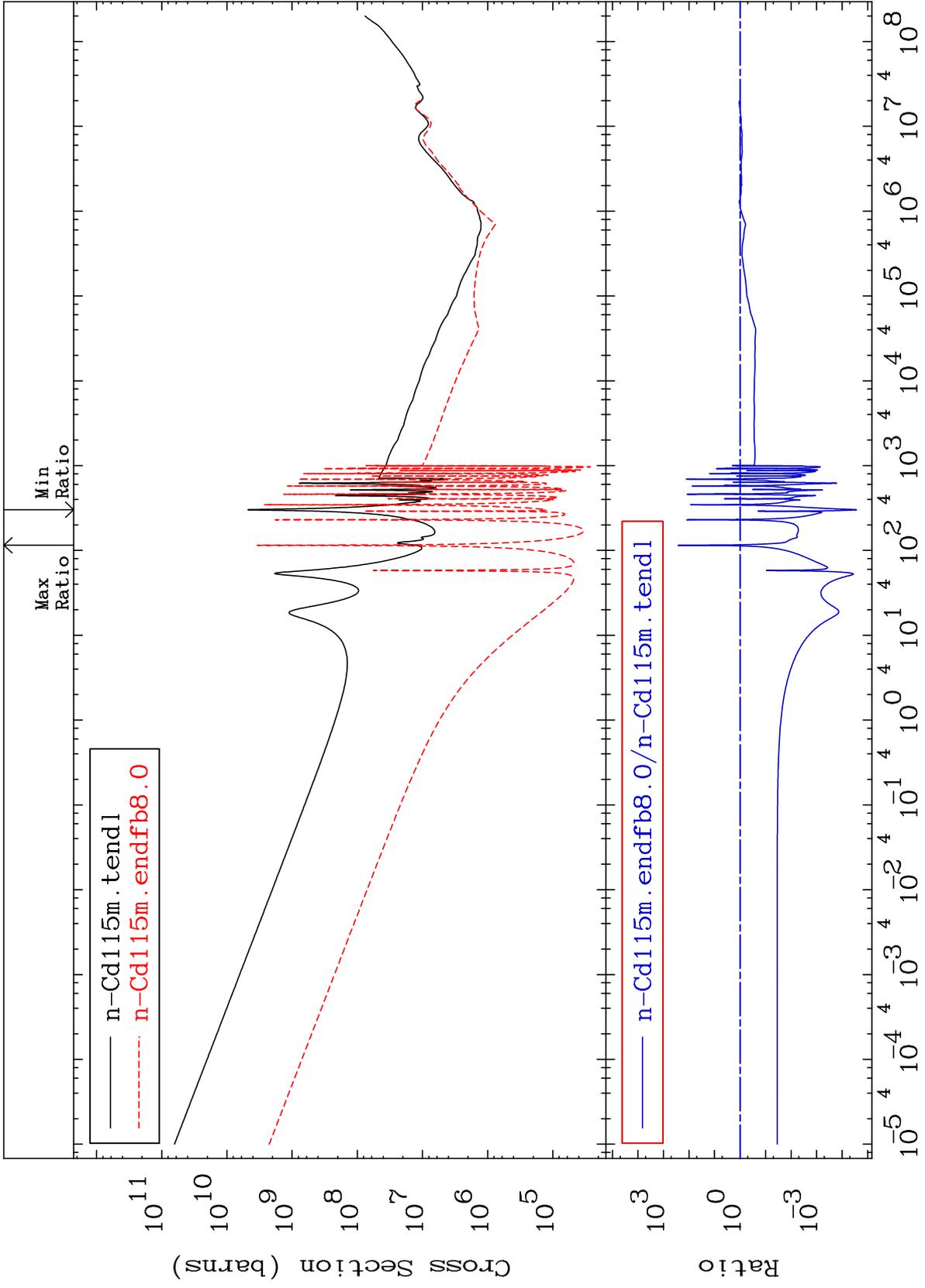
48-Cd-115

MAT 4853

Total kinematic kerma (high limit)

48-Cd-115

-100.0 To 9999. %



35

Incident Energy (eV)

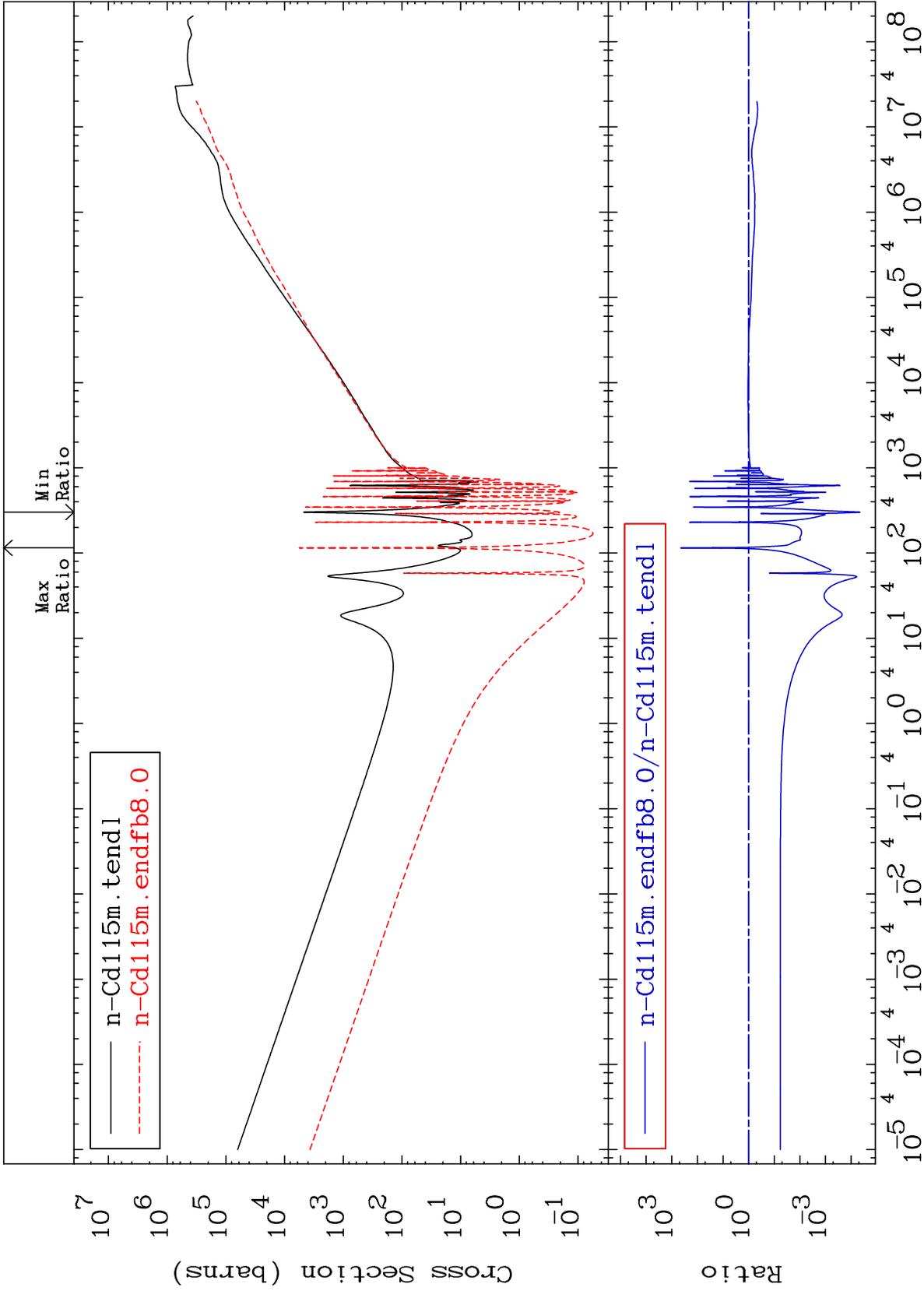
48-Cd-115

MAT 4853

Dpa total (eV-barns)

48-Cd-115

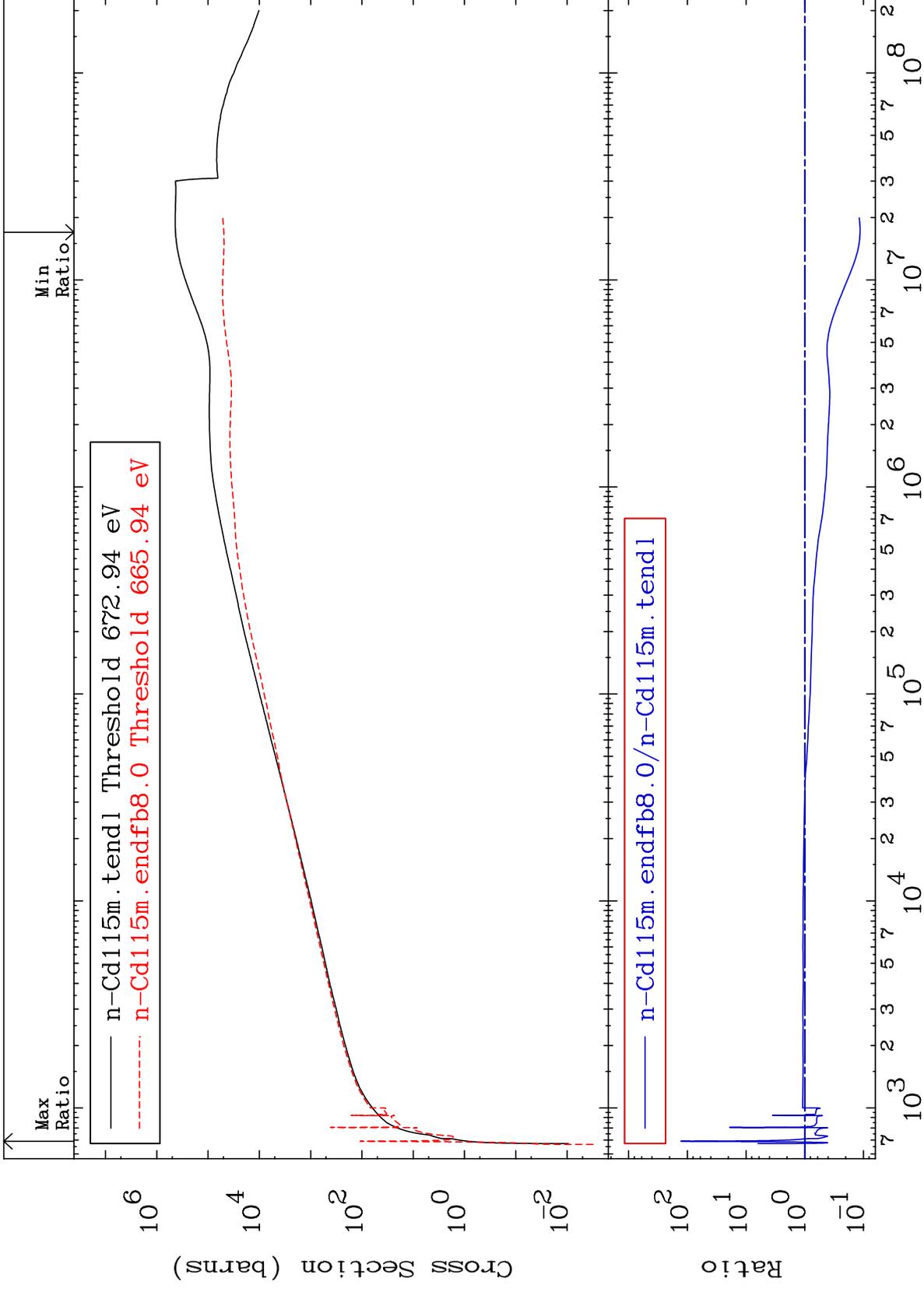
-100.0 To 9999. %



MAT 4853

Dpa elastic (mt2)  
Cross Section

48-Cd-115  
-88.59 To 9999. %



37

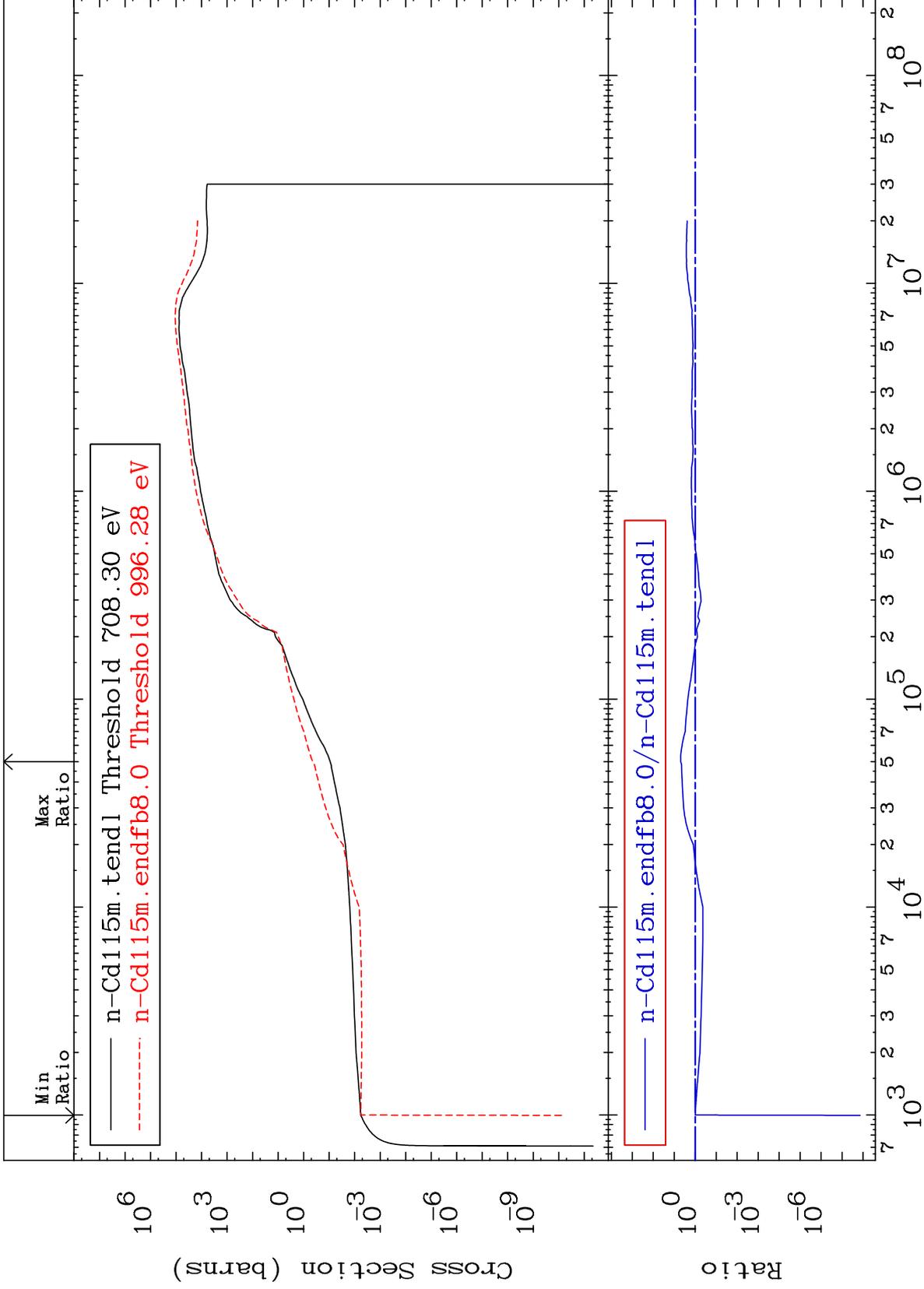
Incident Energy (eV)

48-Cd-115

MAT 4853

Dpa inelastic (mt51-91)  
Cross Section

48-Cd-115  
-100.0 To 388.1 %



MAT 4853

Dpa disappearance (mt102 -120)

48-Cd-115

-100.0 To 9999. %

