

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

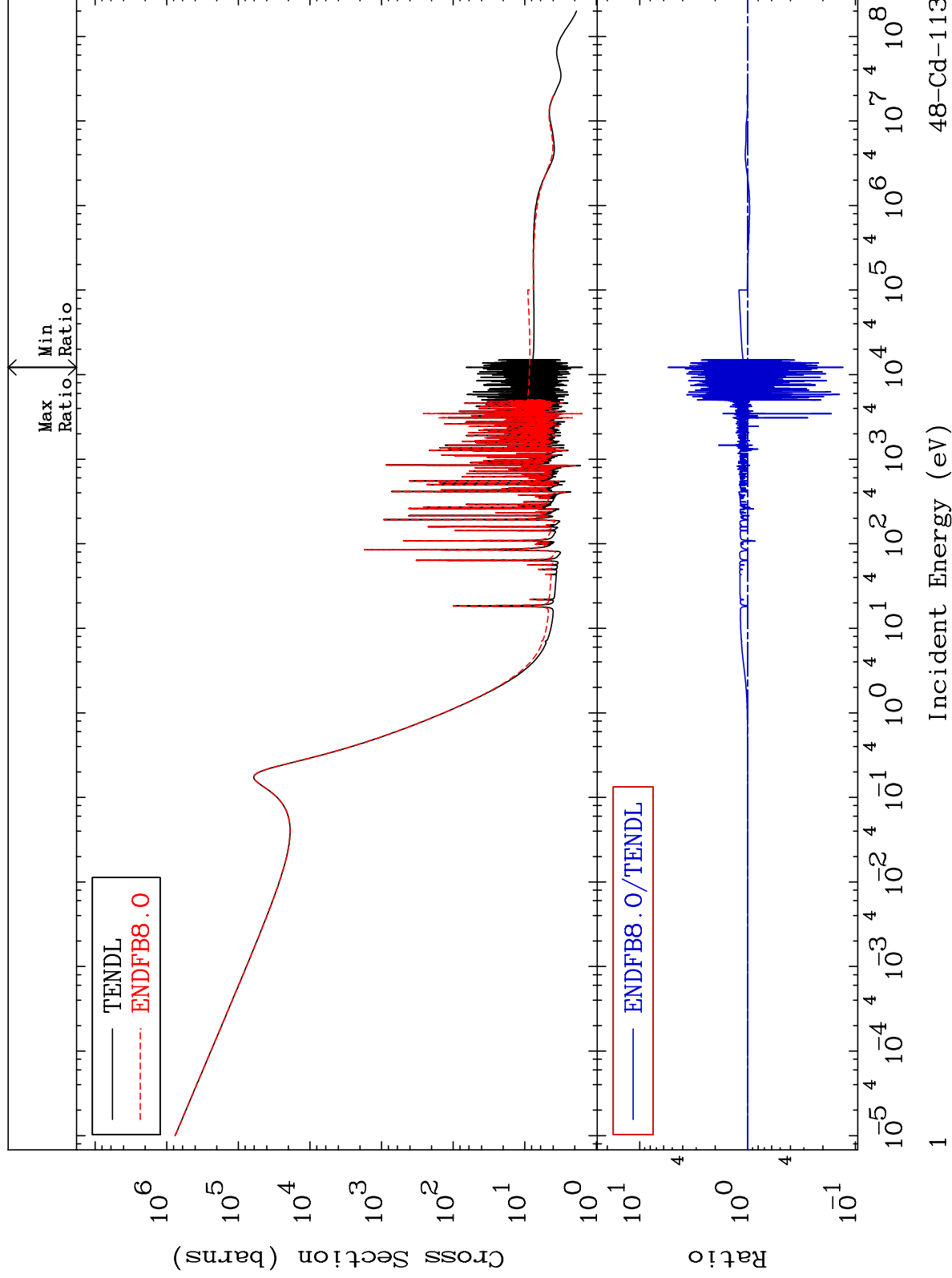
MAT 4846

Total

48-Cd-113

Cross Section

-86.91 To 447.3 %



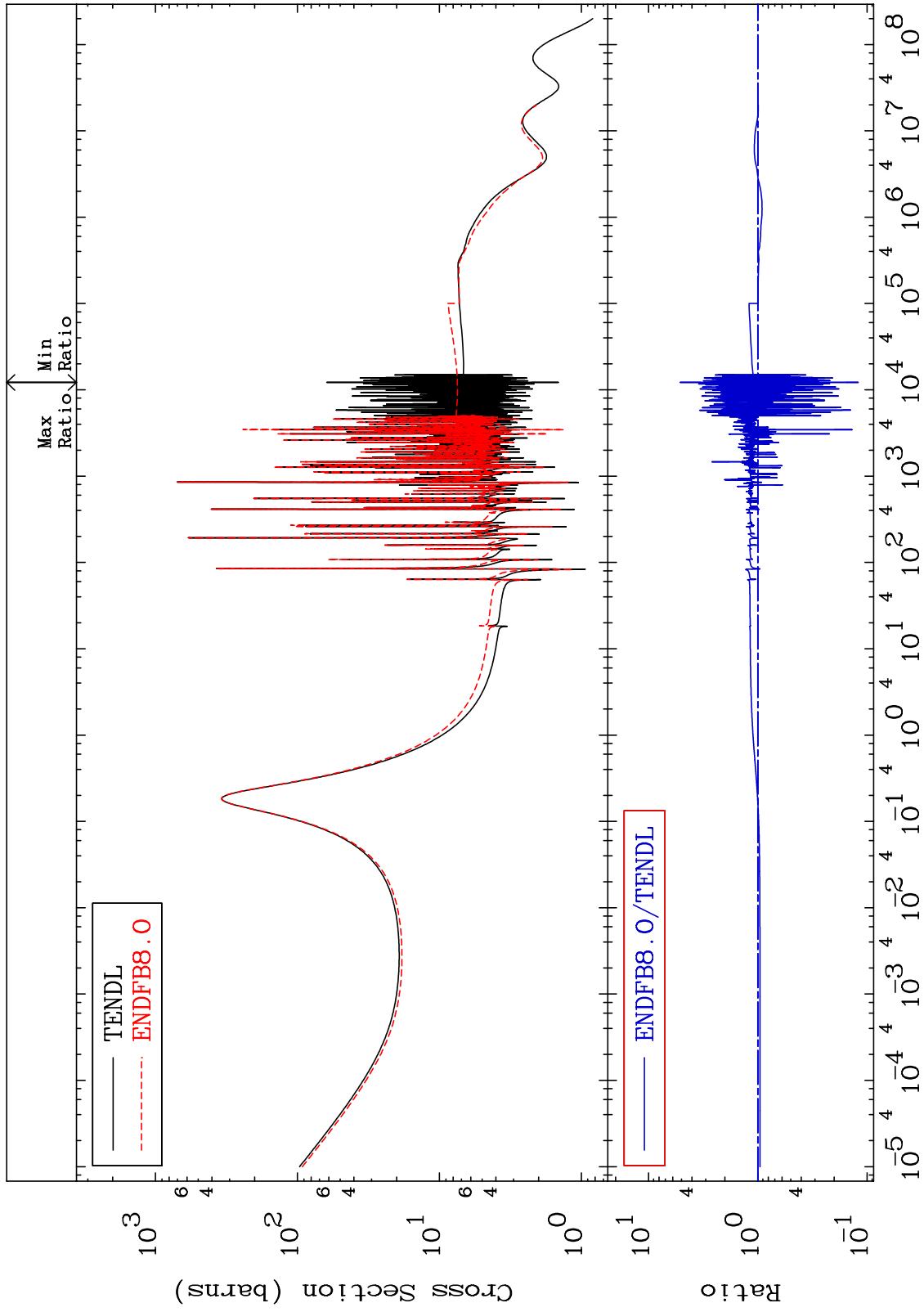
Incident Energy (eV)

48-Cd-113

MAT 4846

Elastic  
Cross Section

48-Cd-113  
-88.00 To 414.8 %



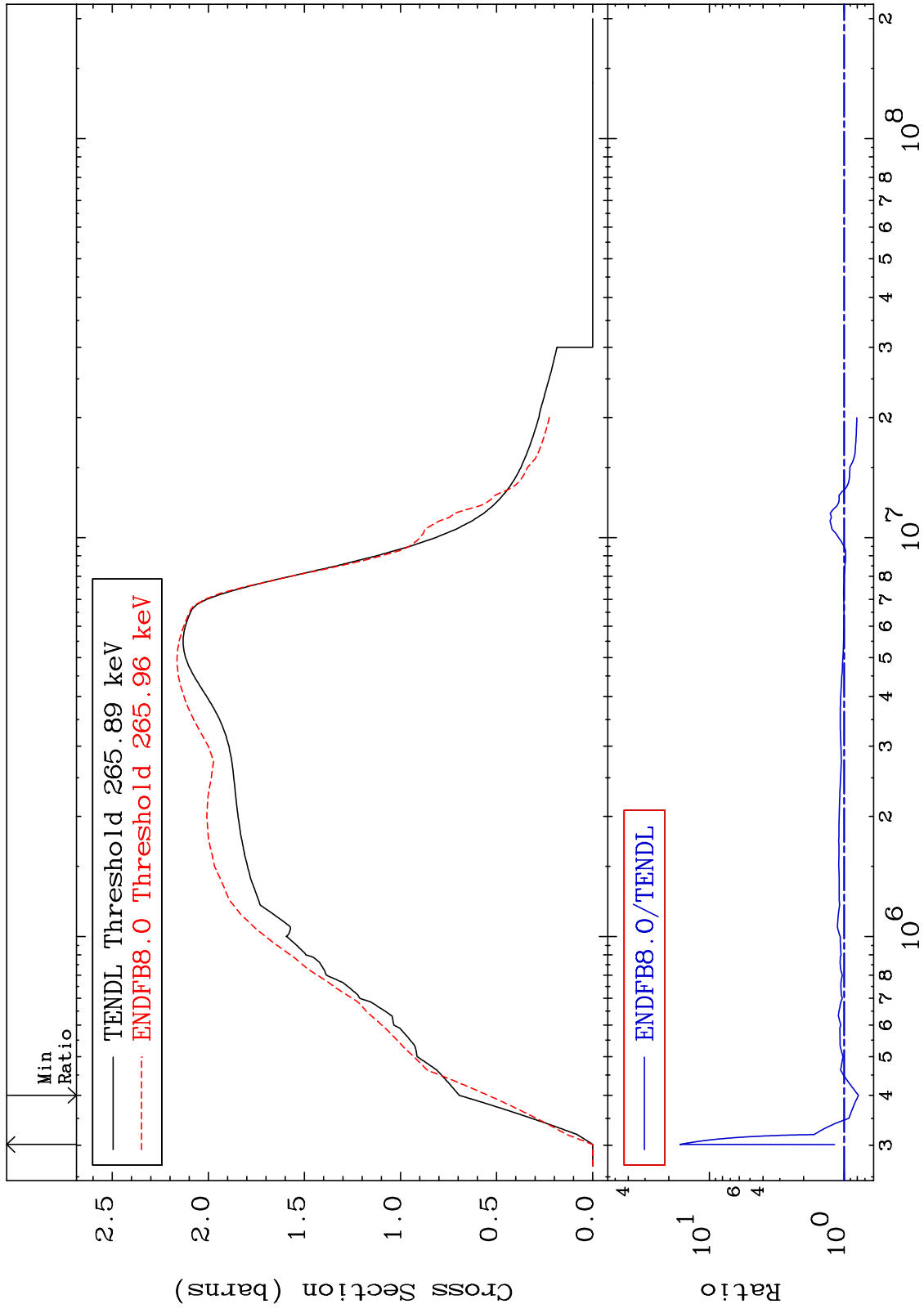
Incident Energy (eV)

48-Cd-113

MAT 4846

Inelastic  
Cross Section

48-Cd-113  
-21.66 To 1551. %



3

48-Cd-113

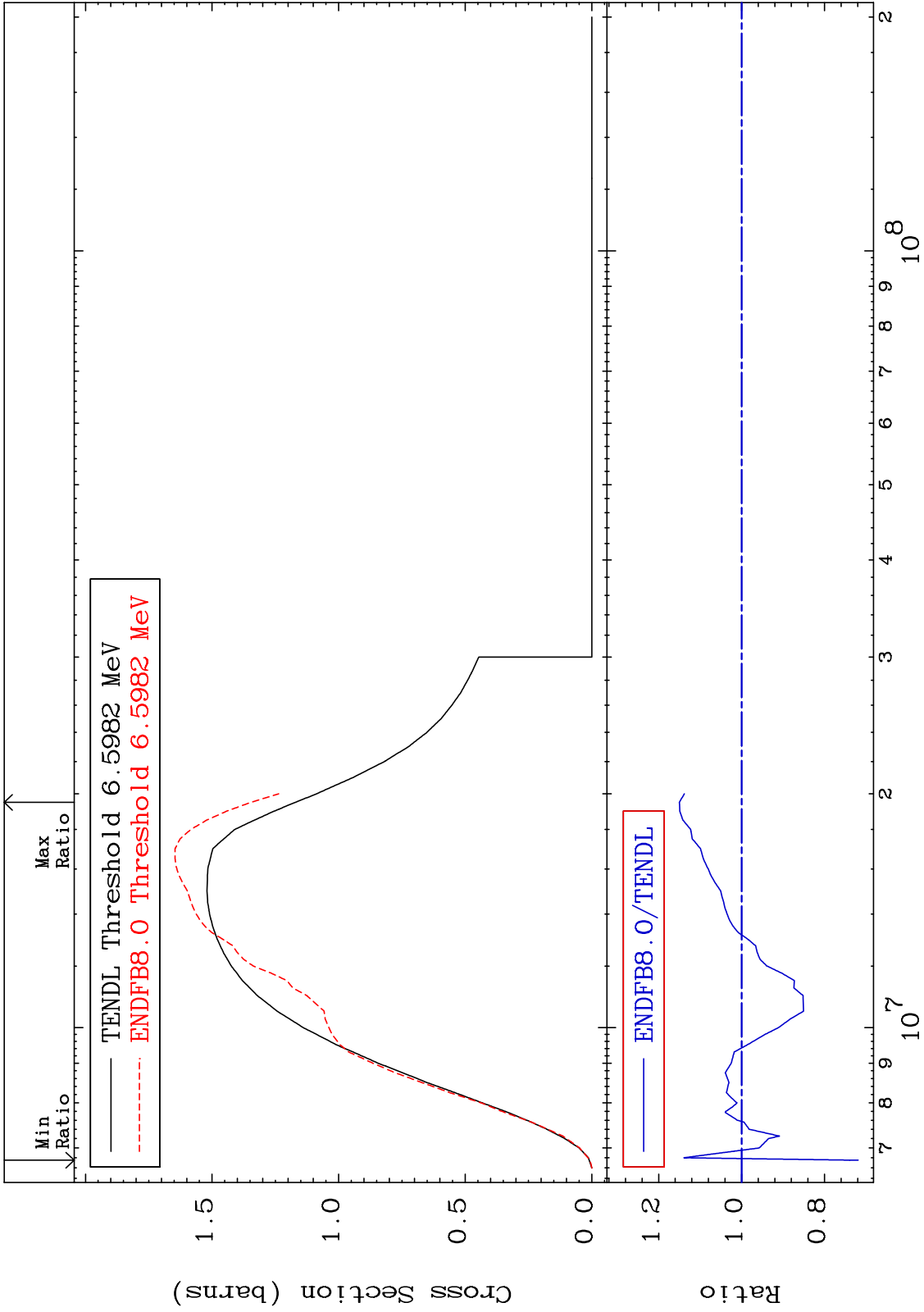
MAT 4846

(n,2n)

48-Cd-113

Cross Section

-28.13 To 15.00 %



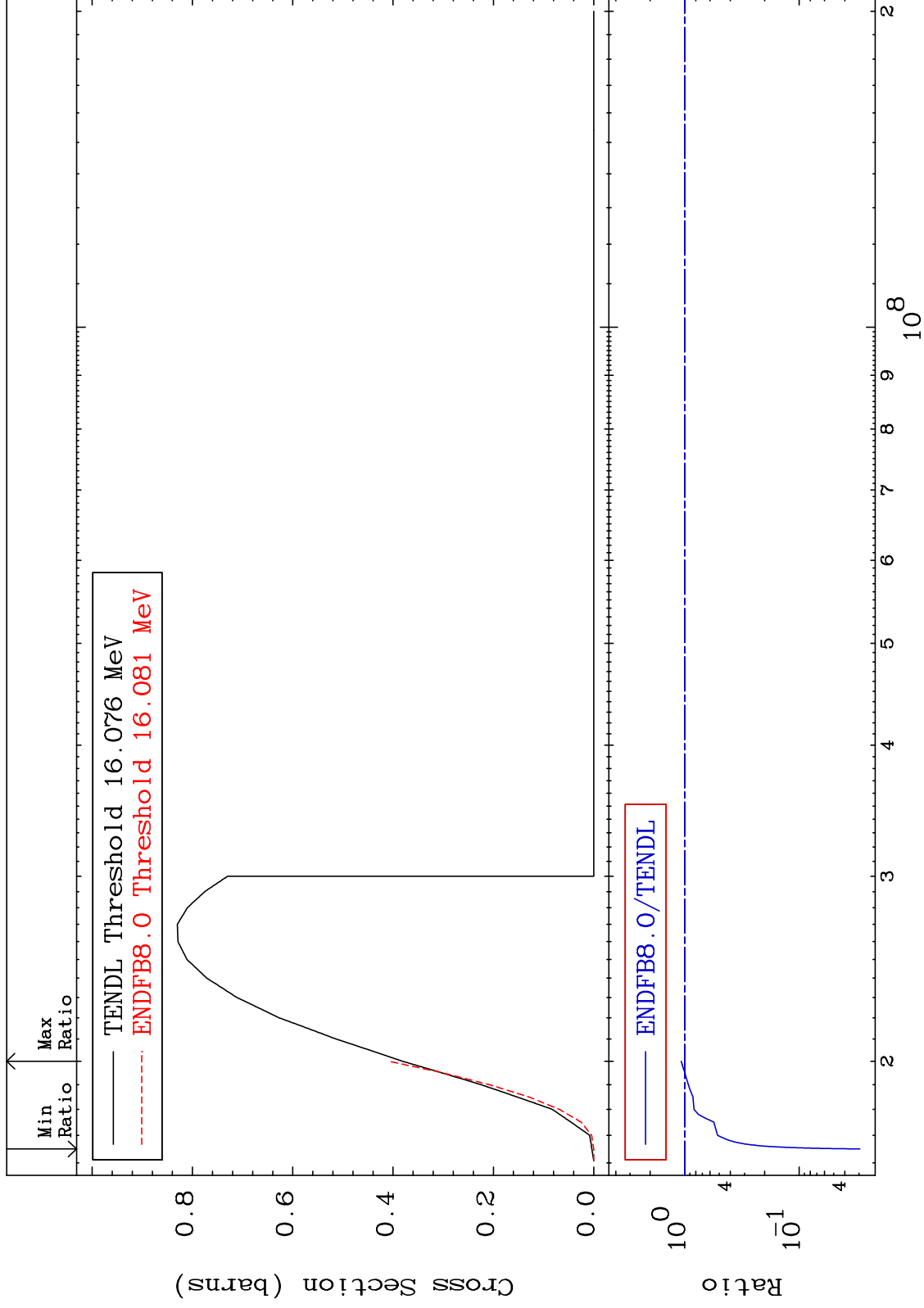
MAT 4846

(n,3n)

48-Cd-113

Cross Section

-97.06 To 7.155 %



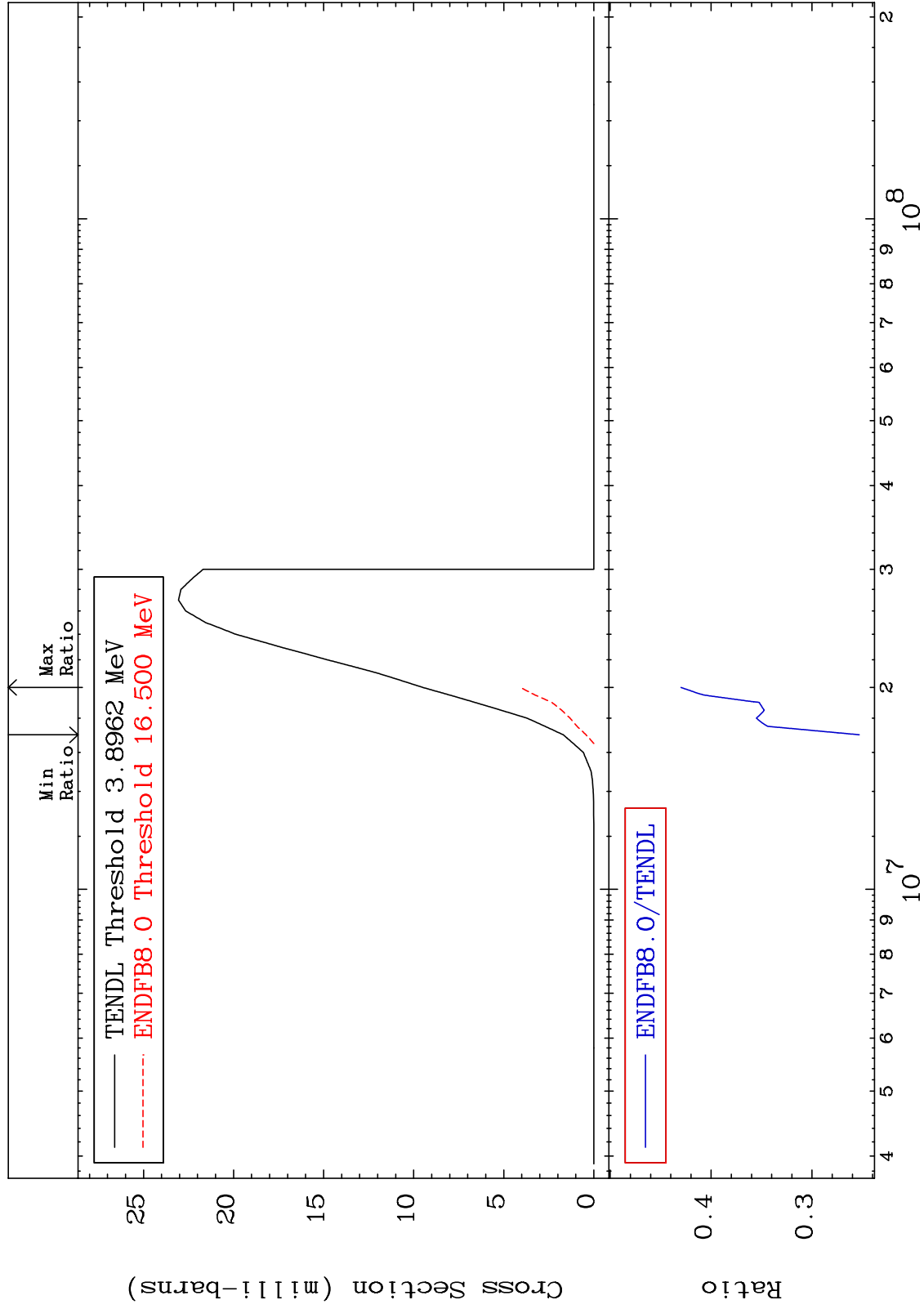
MAT 4846

(n,n')  $\alpha$

48-Cd-113

-74.68 To -57.02%

Cross Section



6

Incident Energy (eV)

48-Cd-113

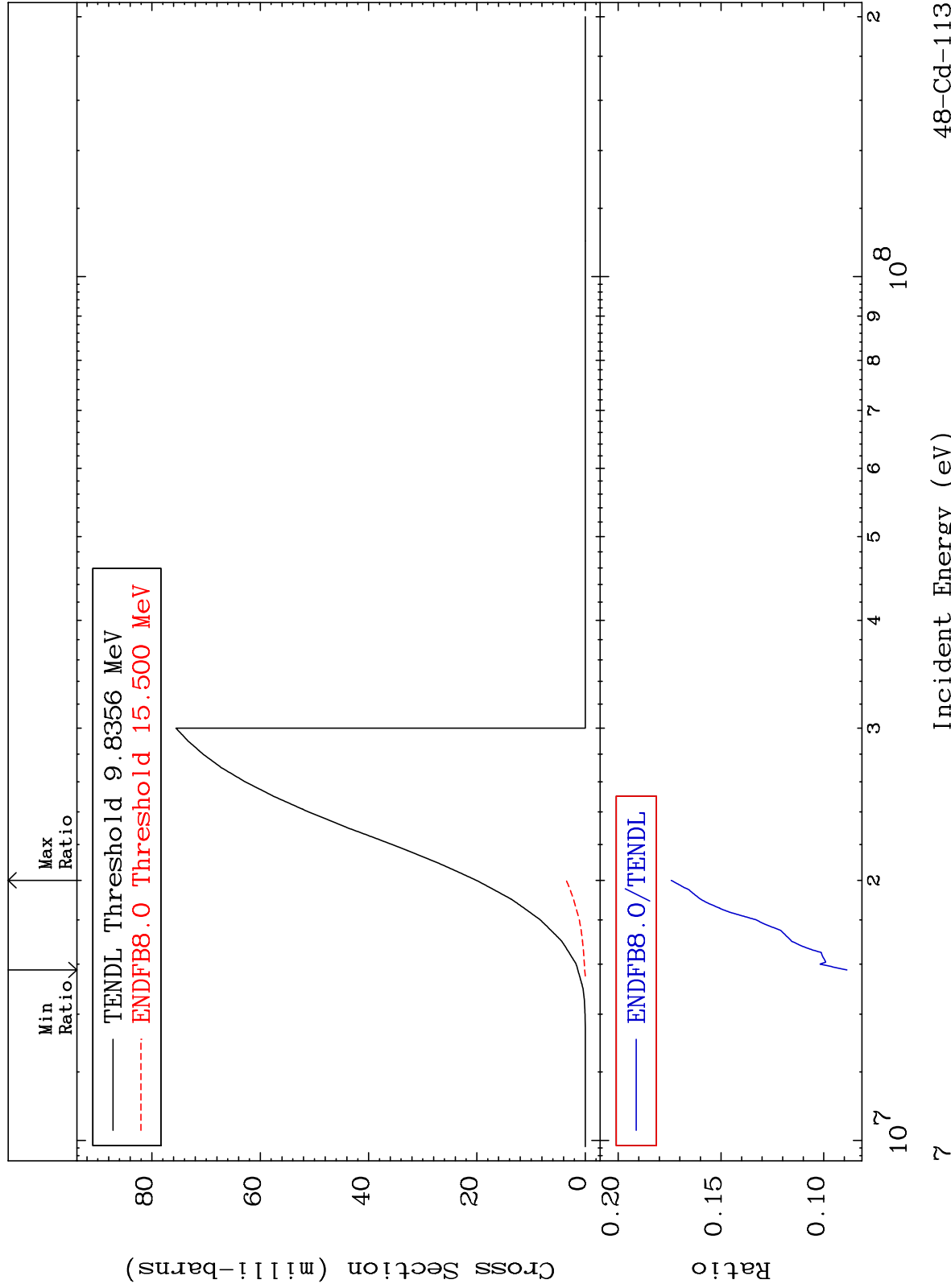
MAT 4846

(n,n') p

48-Cd-113

Cross Section

-91.13 To -82.58%

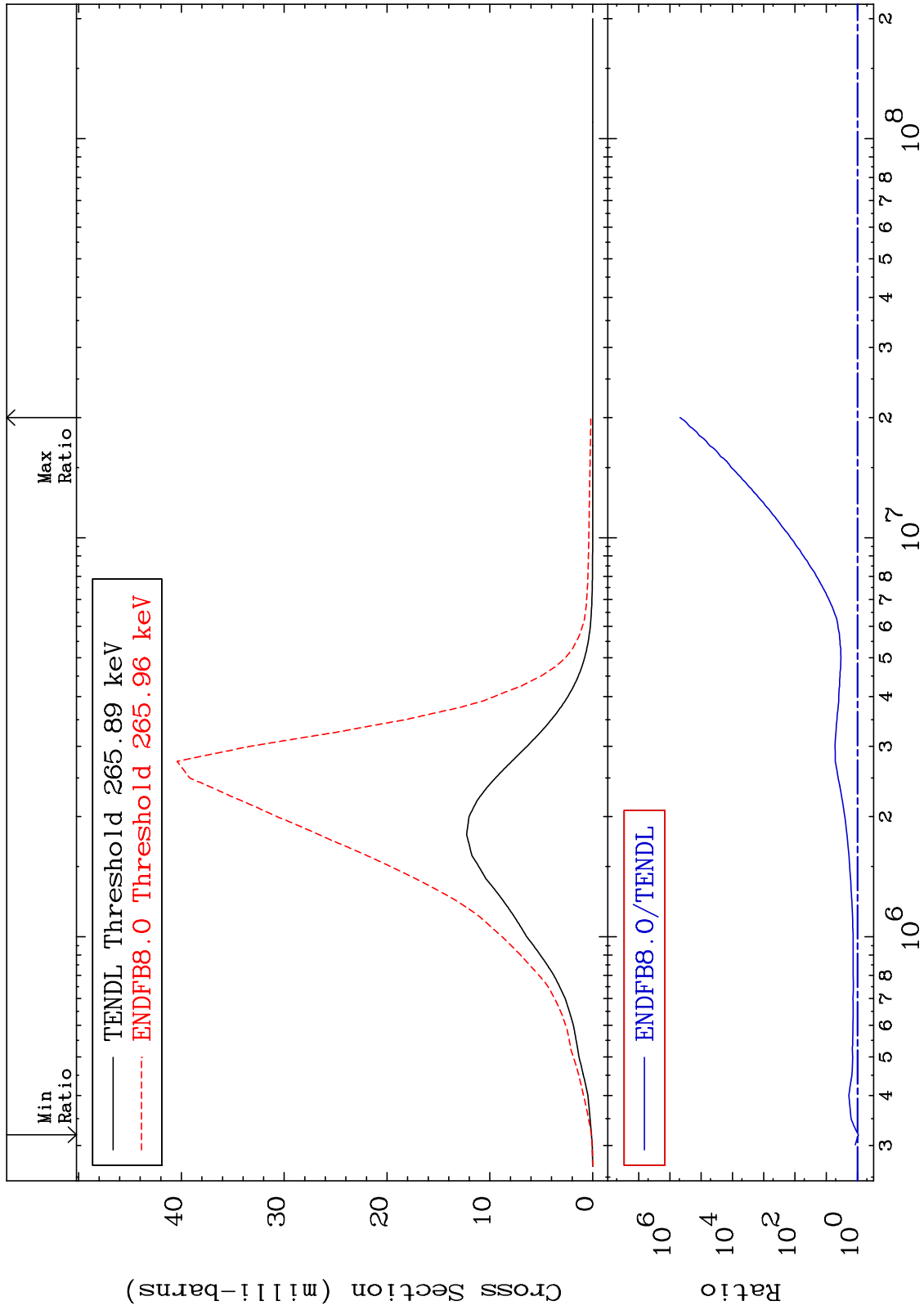




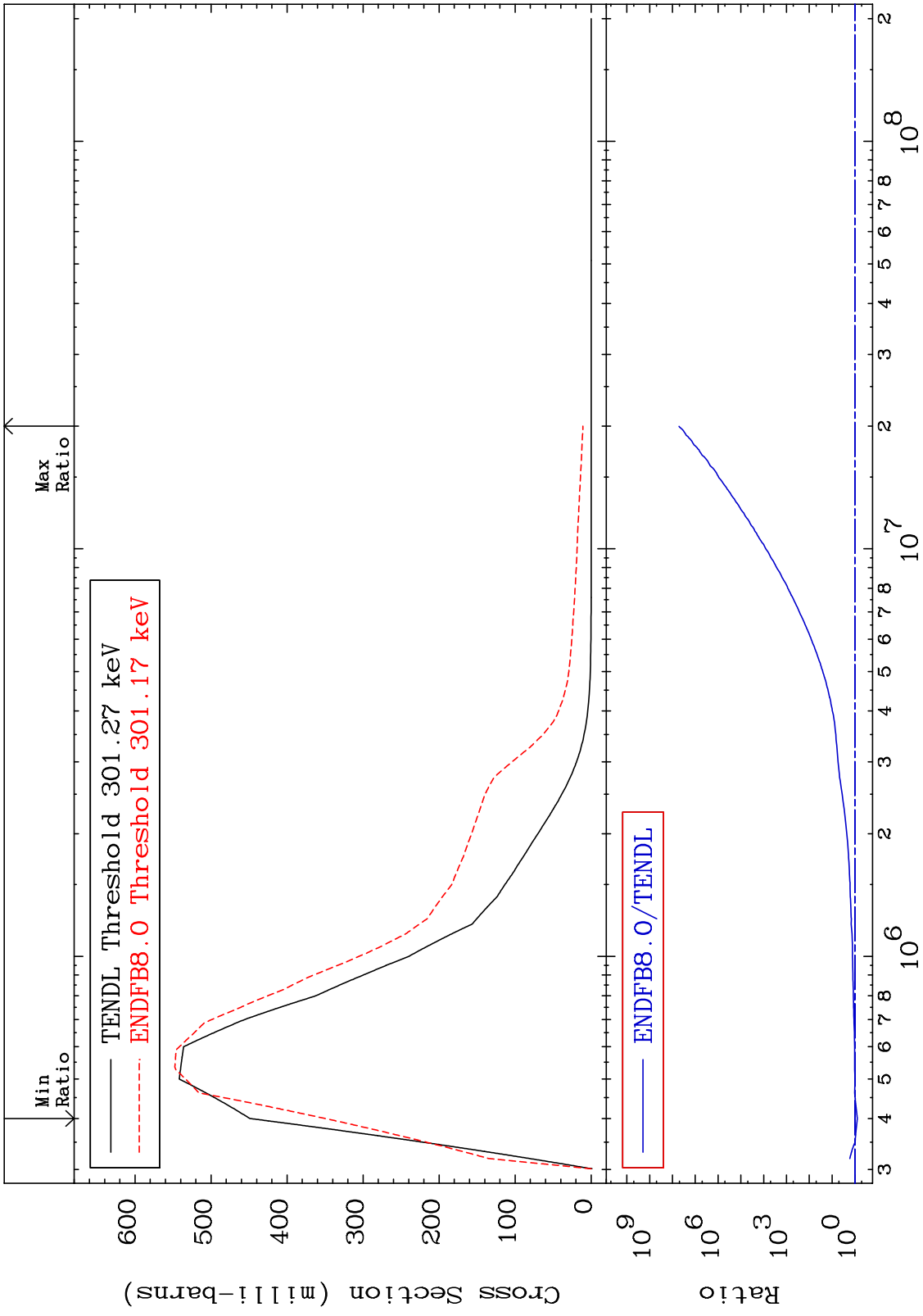
MAT 4846

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

48-Cd-113  
-6.625 To 9999. %



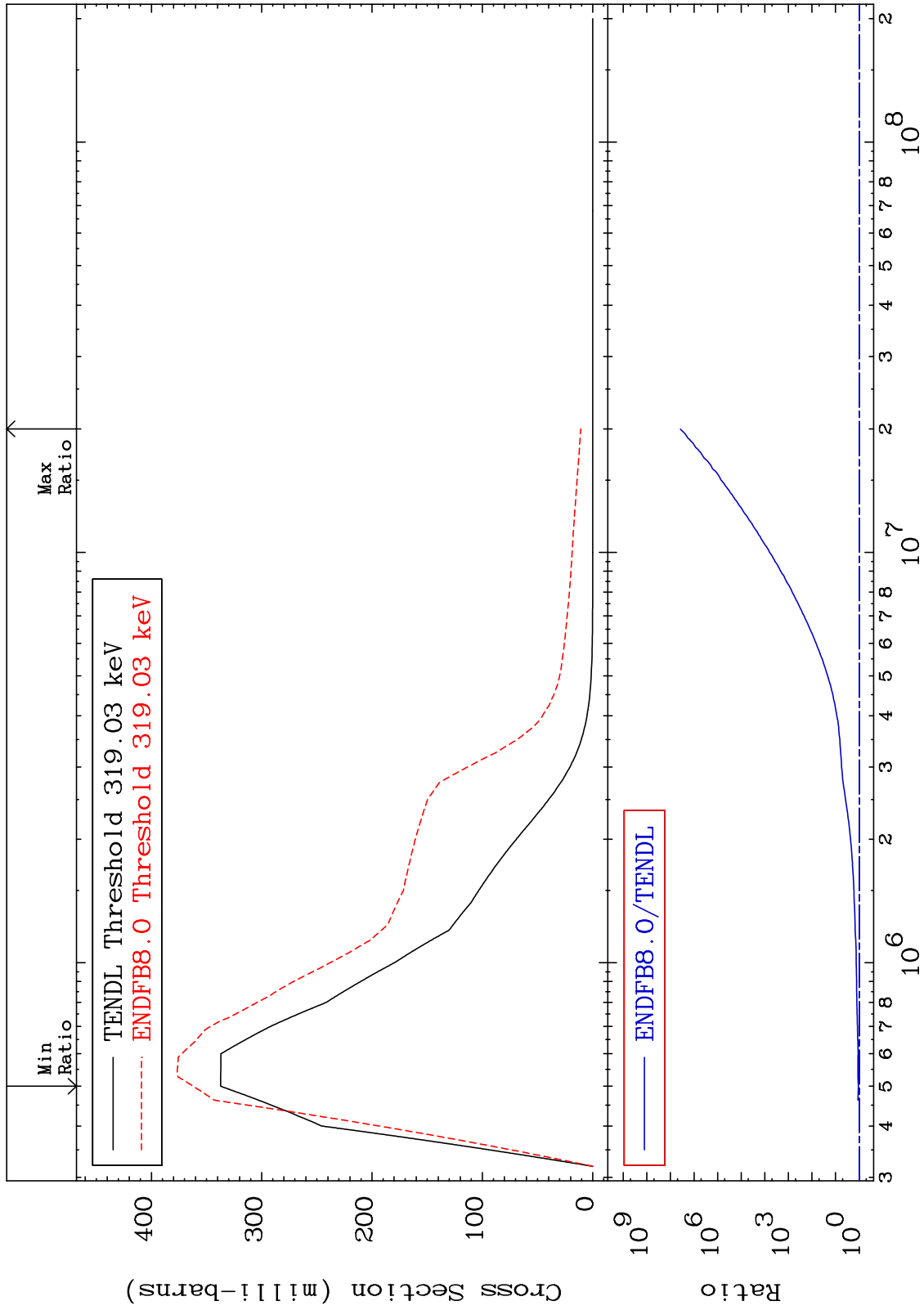
MAT 4846      MT= 52 (n,n') Level Cross Section      48-Cd-113  
 -22.06 To 9999. %



MAT 4846

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

48-Cd-113  
7.344 To 9999. %



10

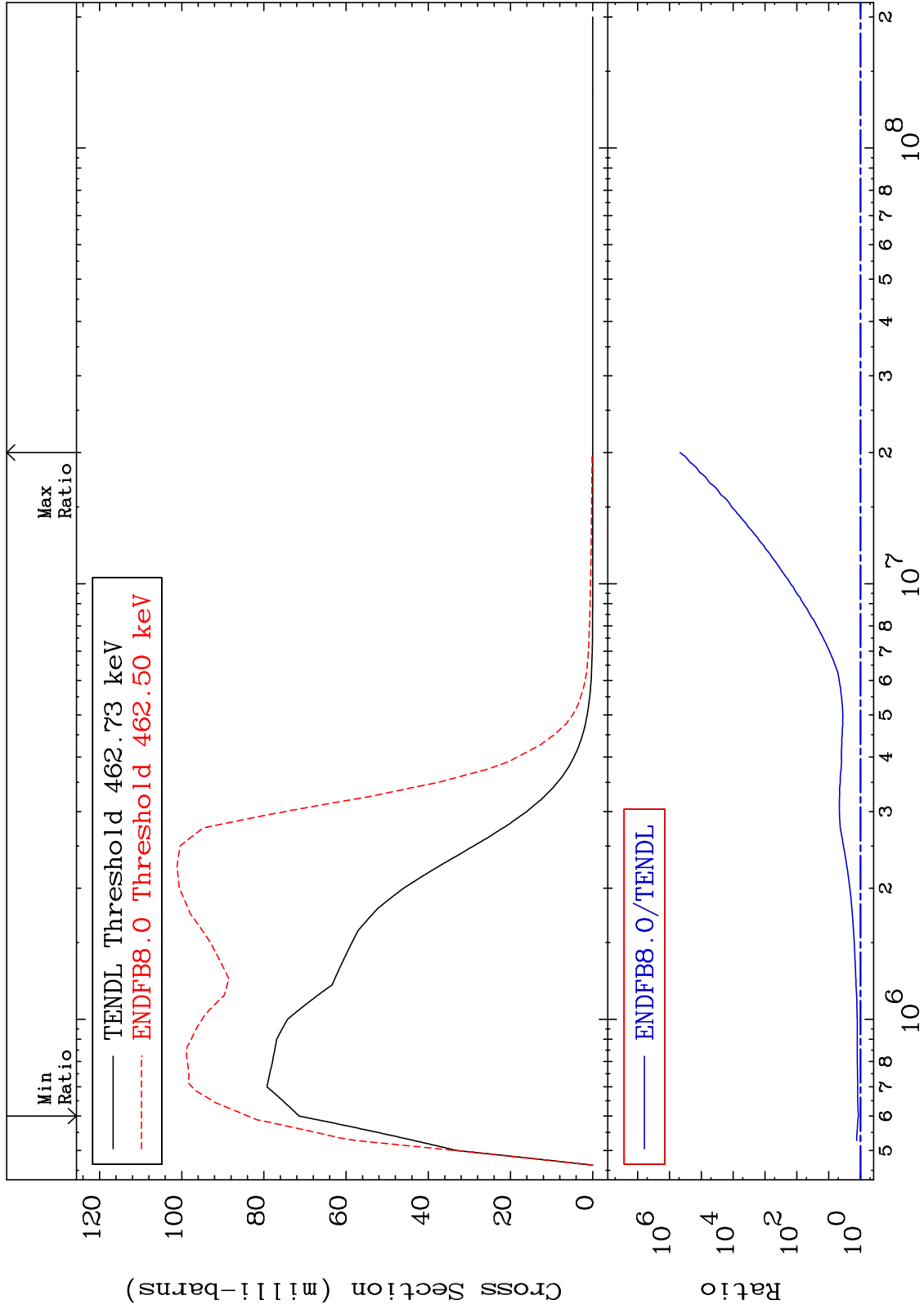
Incident Energy (eV)

48-Cd-113

MAT 4846

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

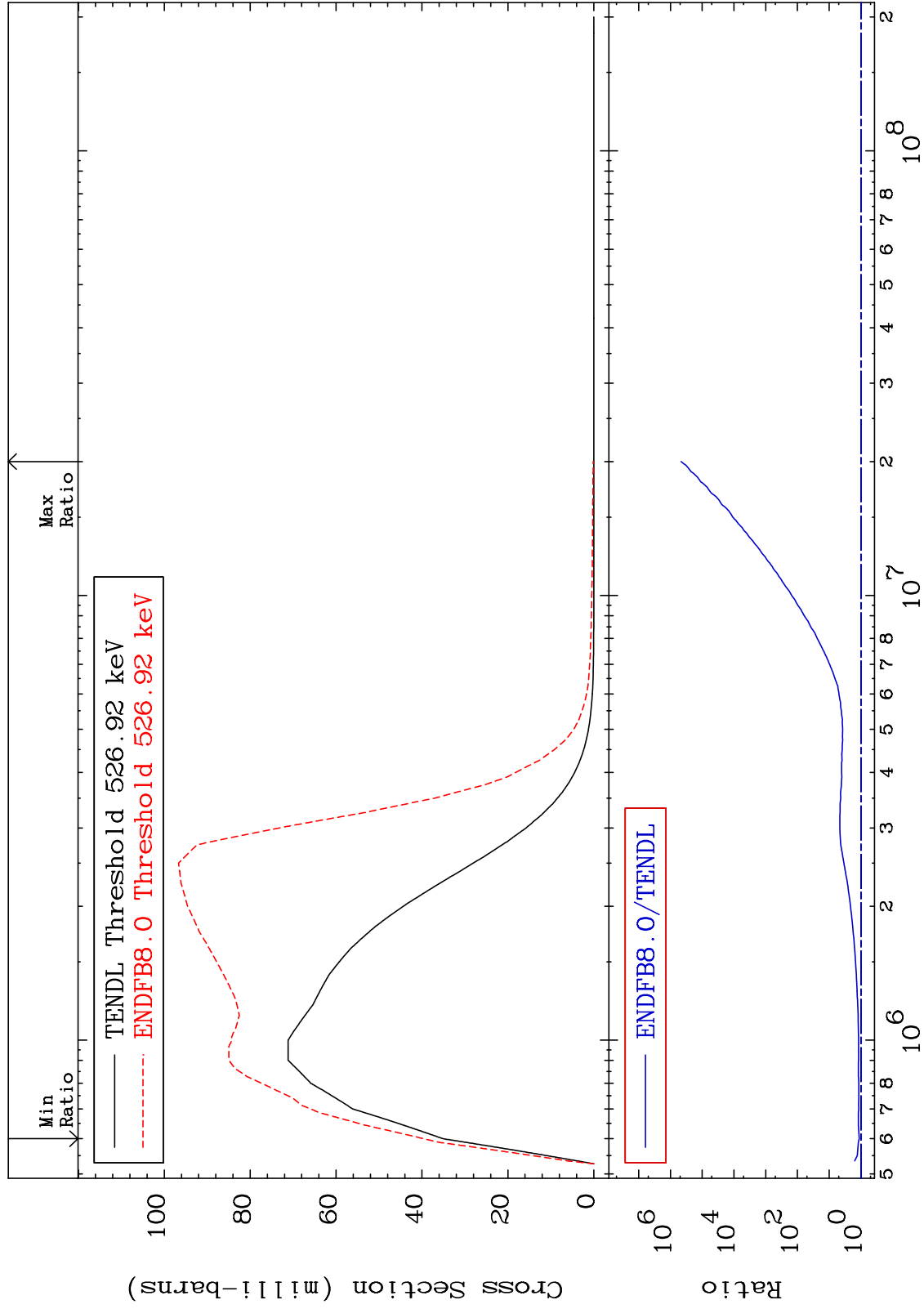
48-Cd-113  
17.46 To 9999. %



MAT 4846

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

48-Cd-113  
12.72 To 9999. %



12

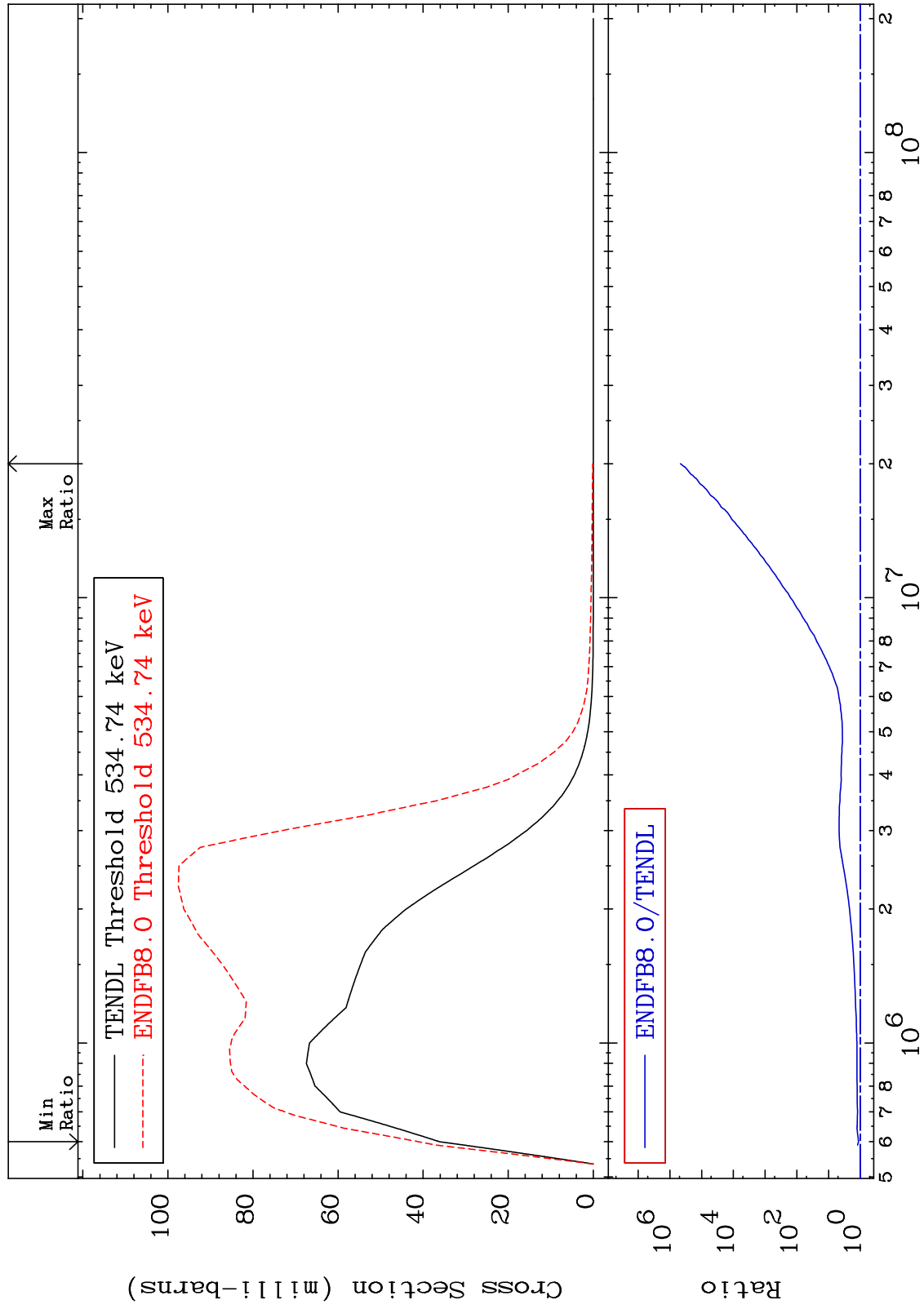
Incident Energy (eV)

48-Cd-113

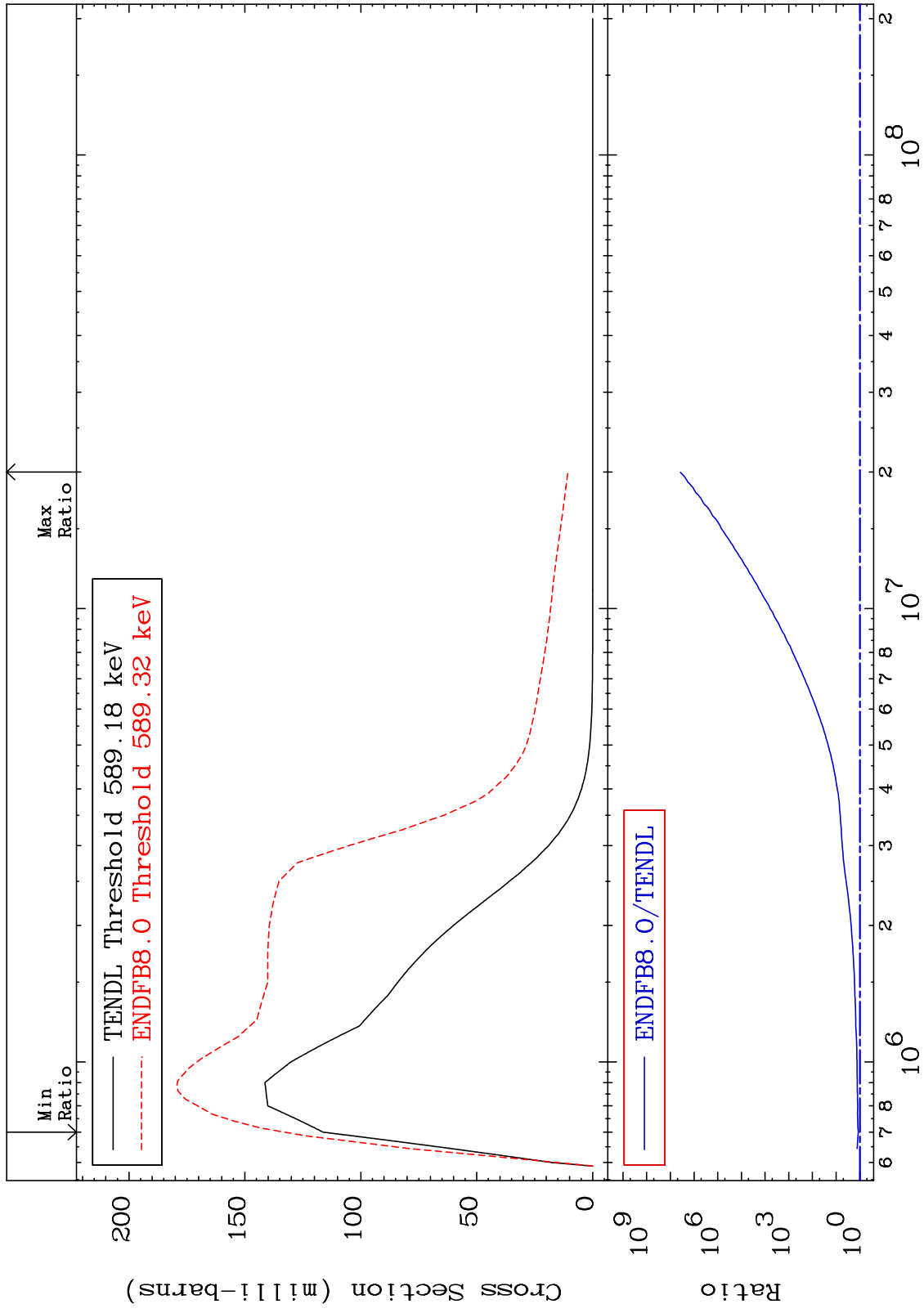
MAT 4846

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

48-Cd-113  
13.67 To 9999. %



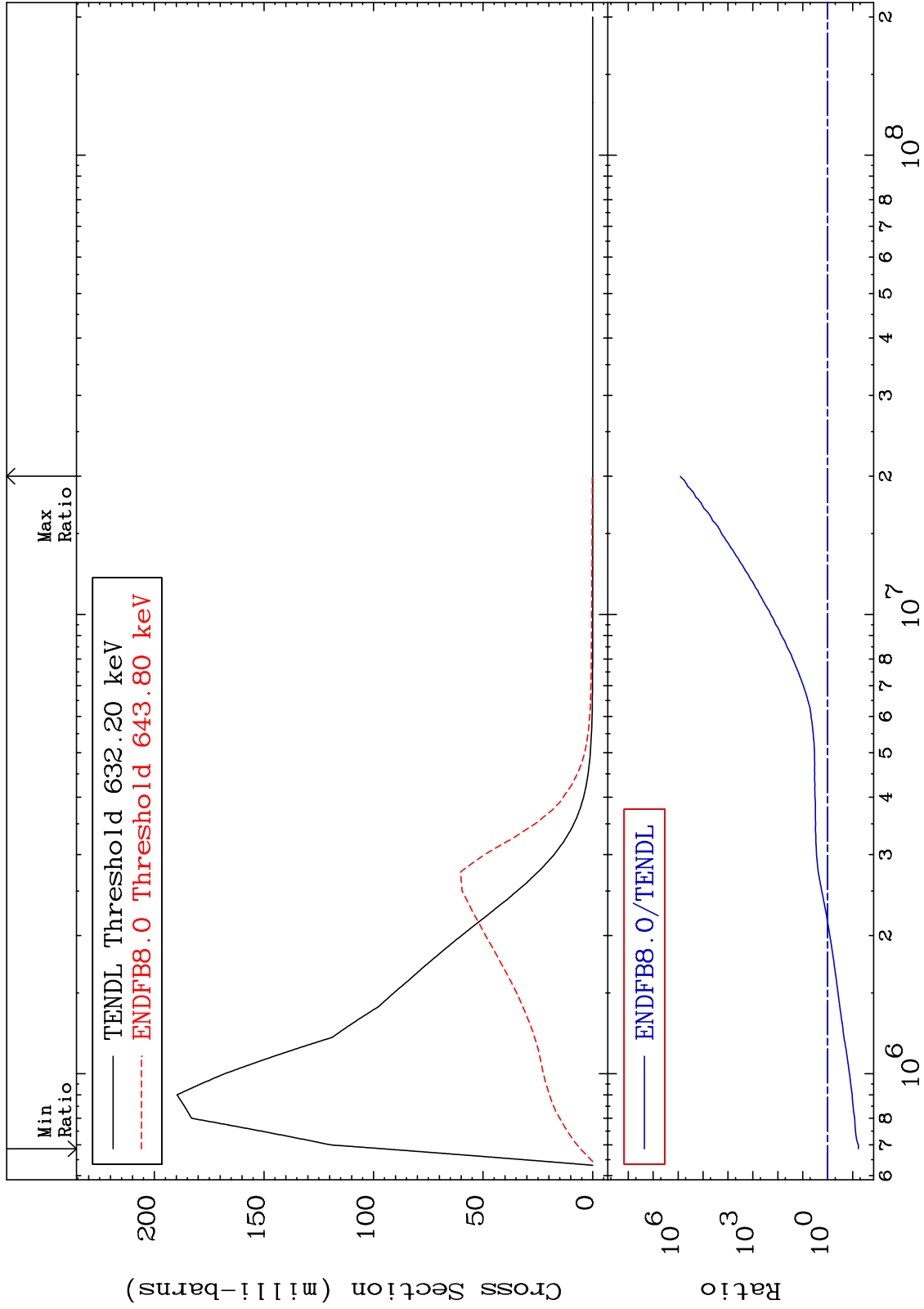
MAT 4846 MT= 57 (n,n') Level Cross Section 48-Cd-113 14.27 To 9999. %



MAT 4846

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

48-Cd-113  
-94.16 To 9999. %



15

Incident Energy (eV)

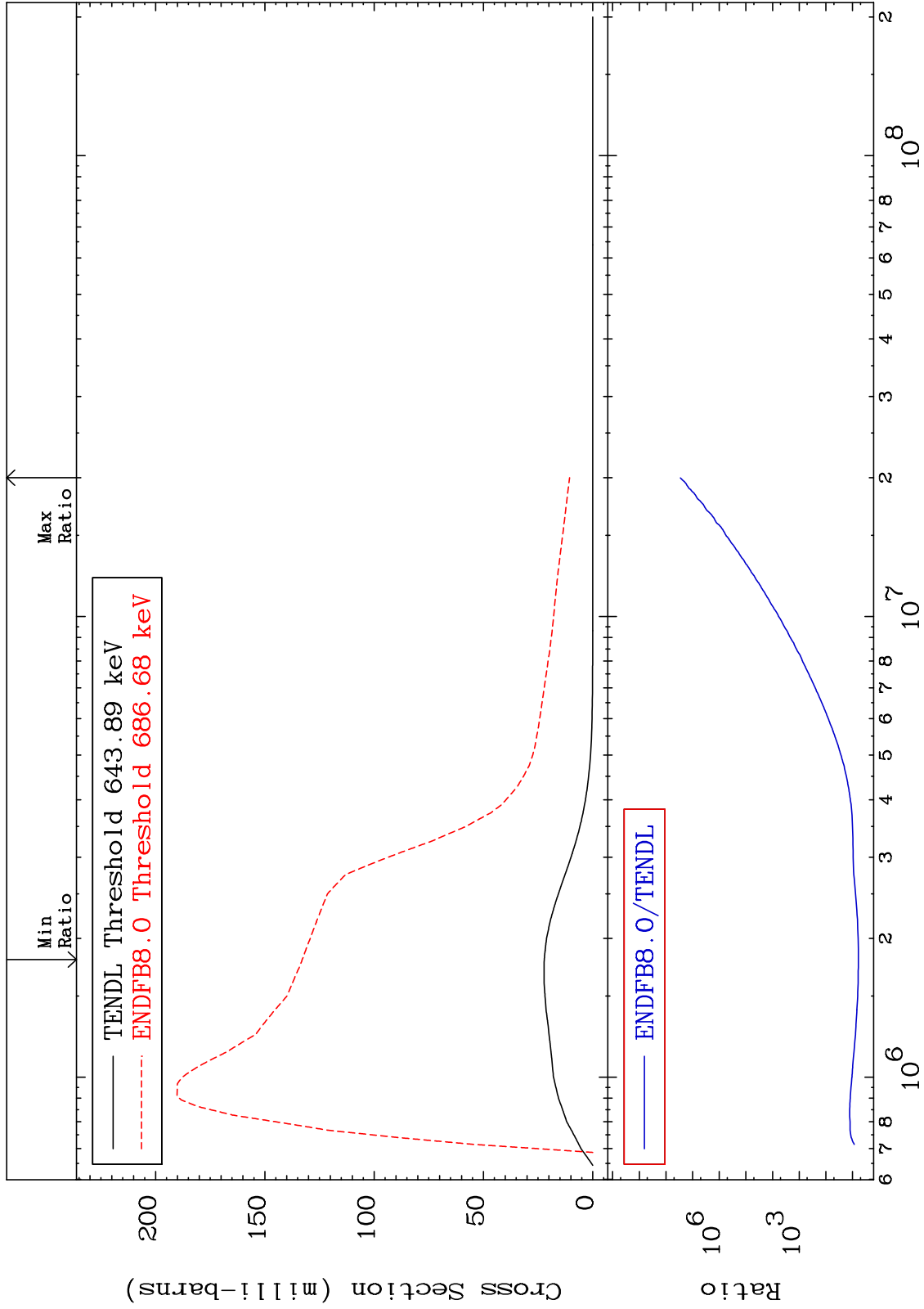
48-Cd-113



MAT 4846

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

48-Cd-113  
499.1 To 9999. %



16

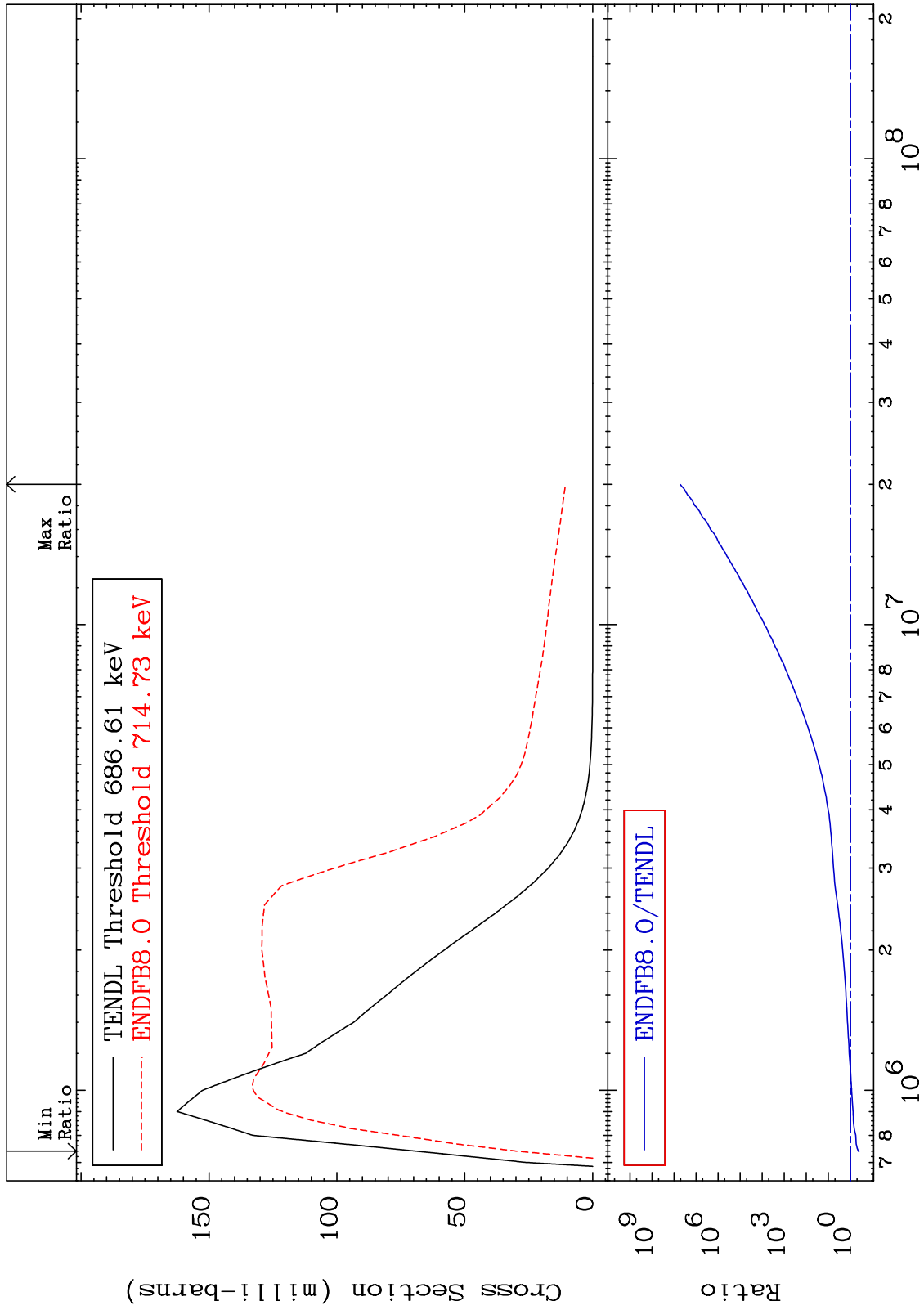
Incident Energy (eV)

48-Cd-113

MAT 4846

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

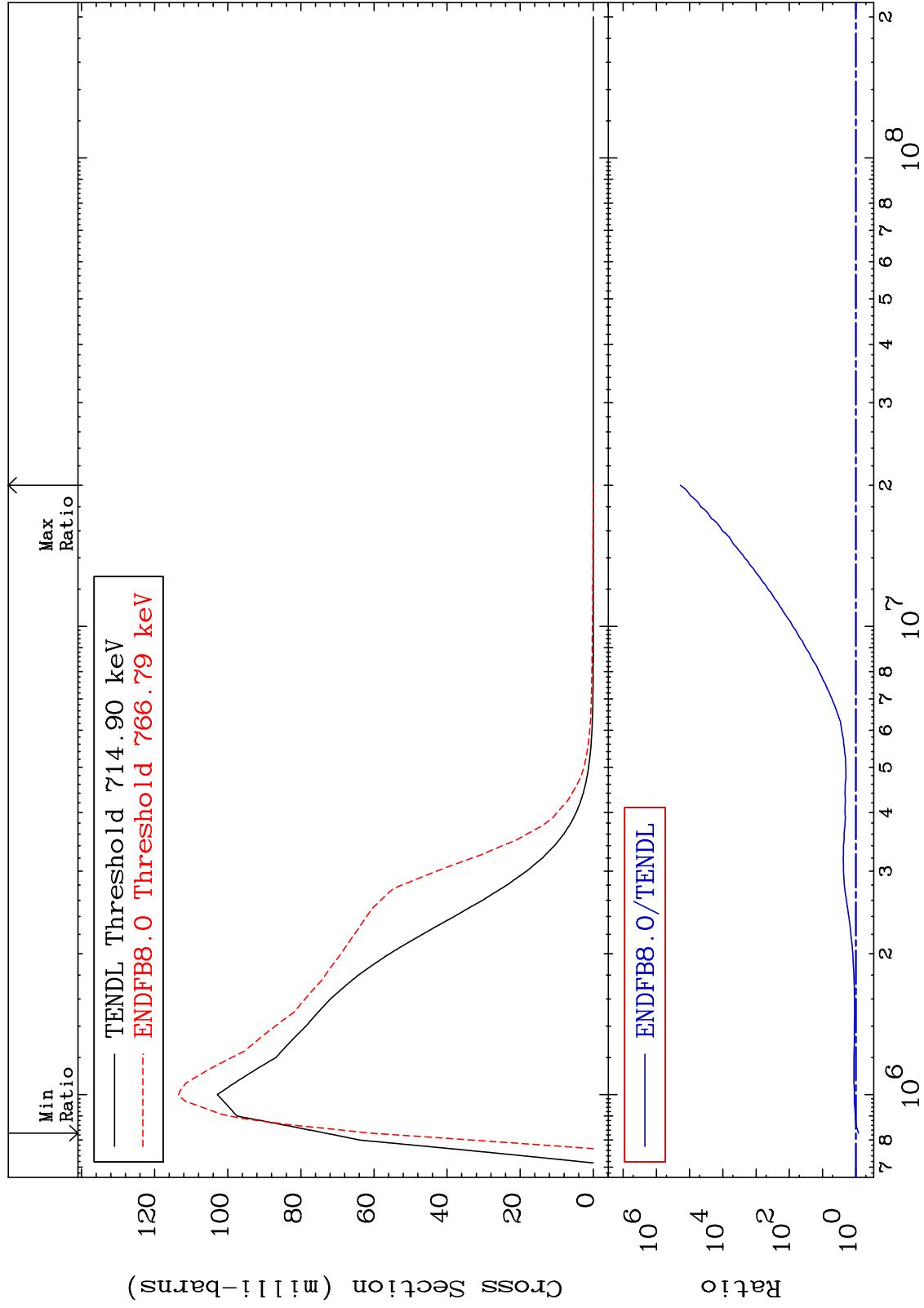
48-Cd-113  
-57.01 To 9999. %



MAT 4846

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

48-Cd-113  
-17.10 To 9999. %



18

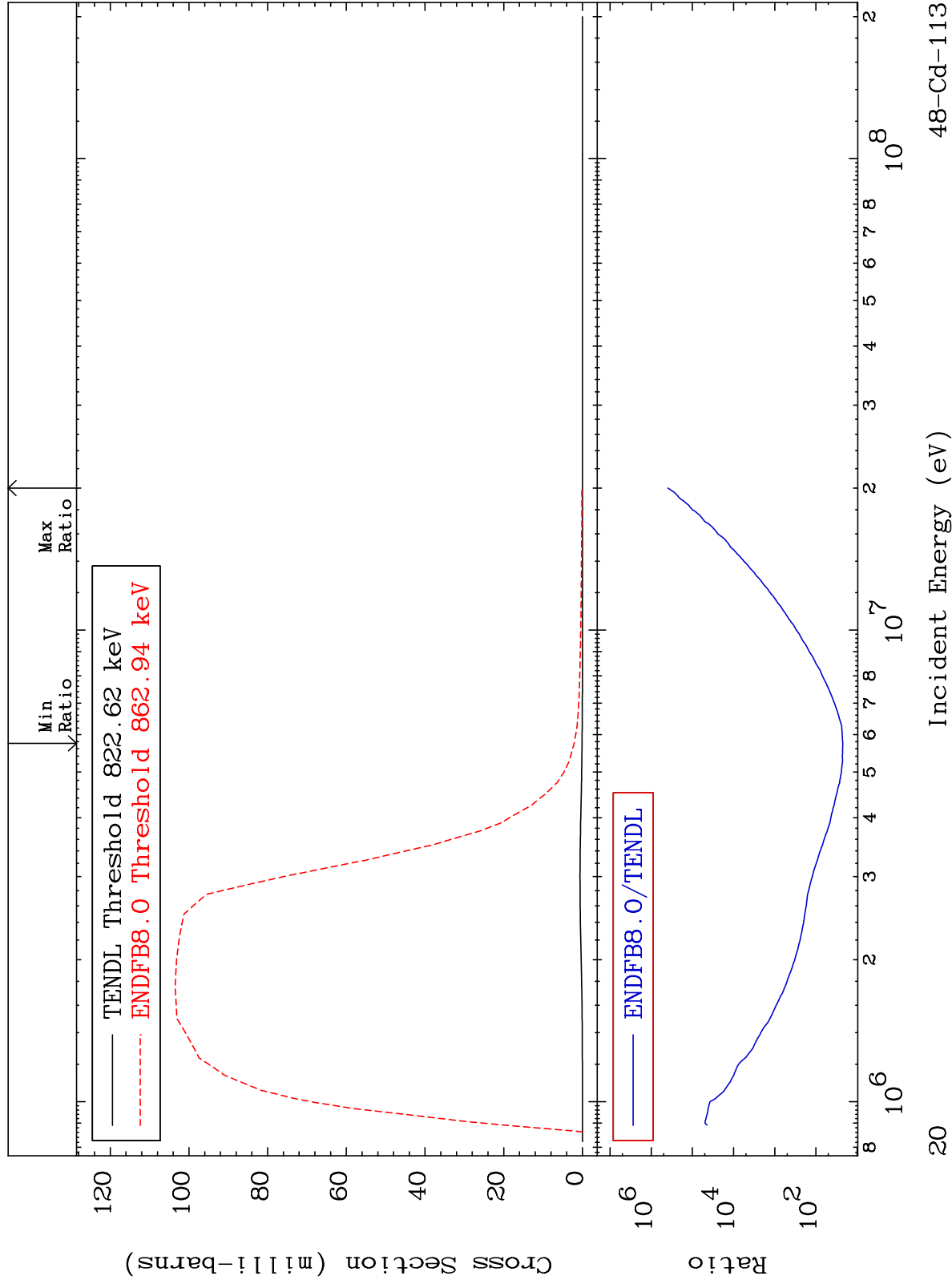
48-Cd-113



MAT 4846

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

48-Cd-113  
2114. To 9999. %



48-Cd-113

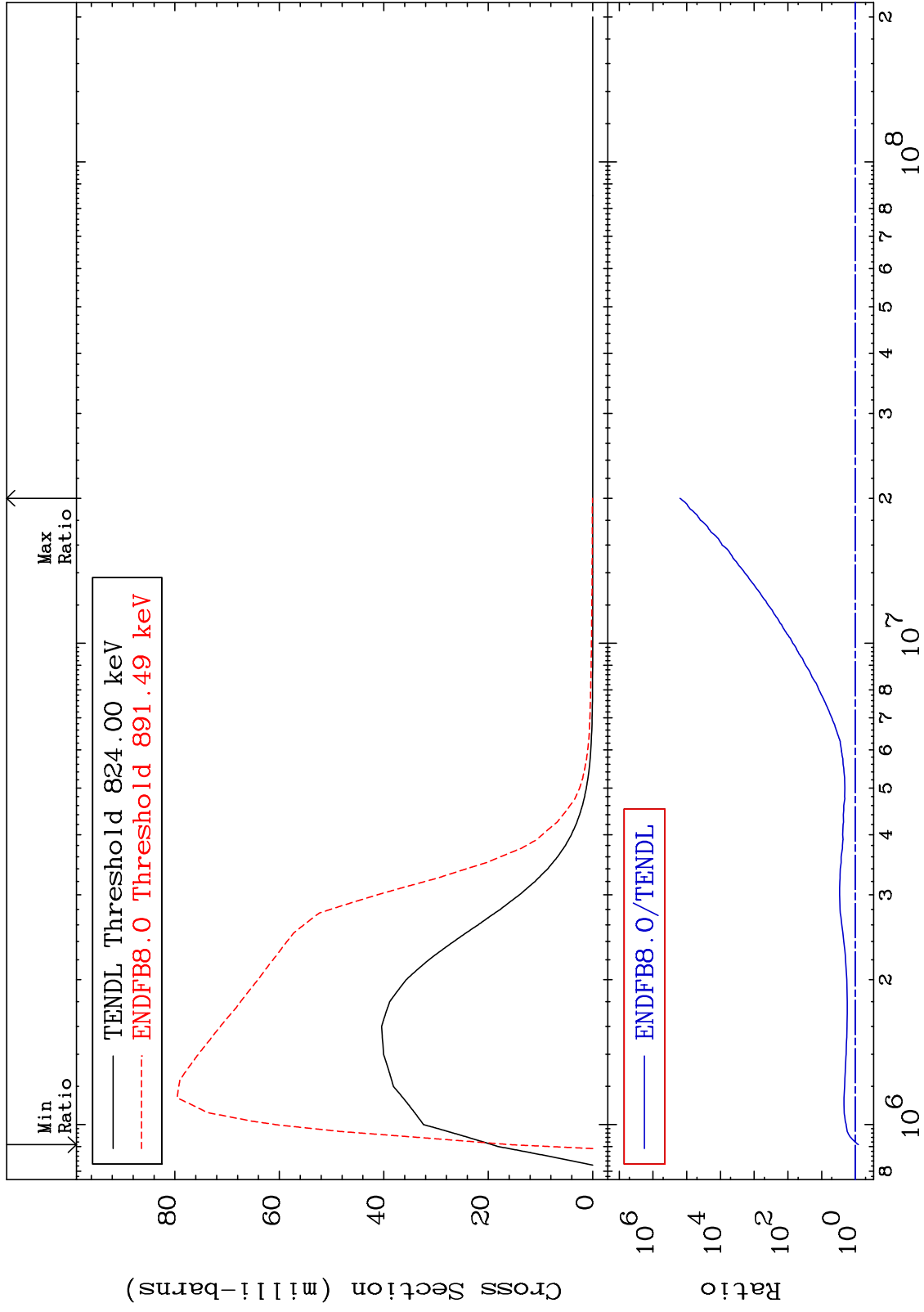
Incident Energy (eV)

20

MAT 4846

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

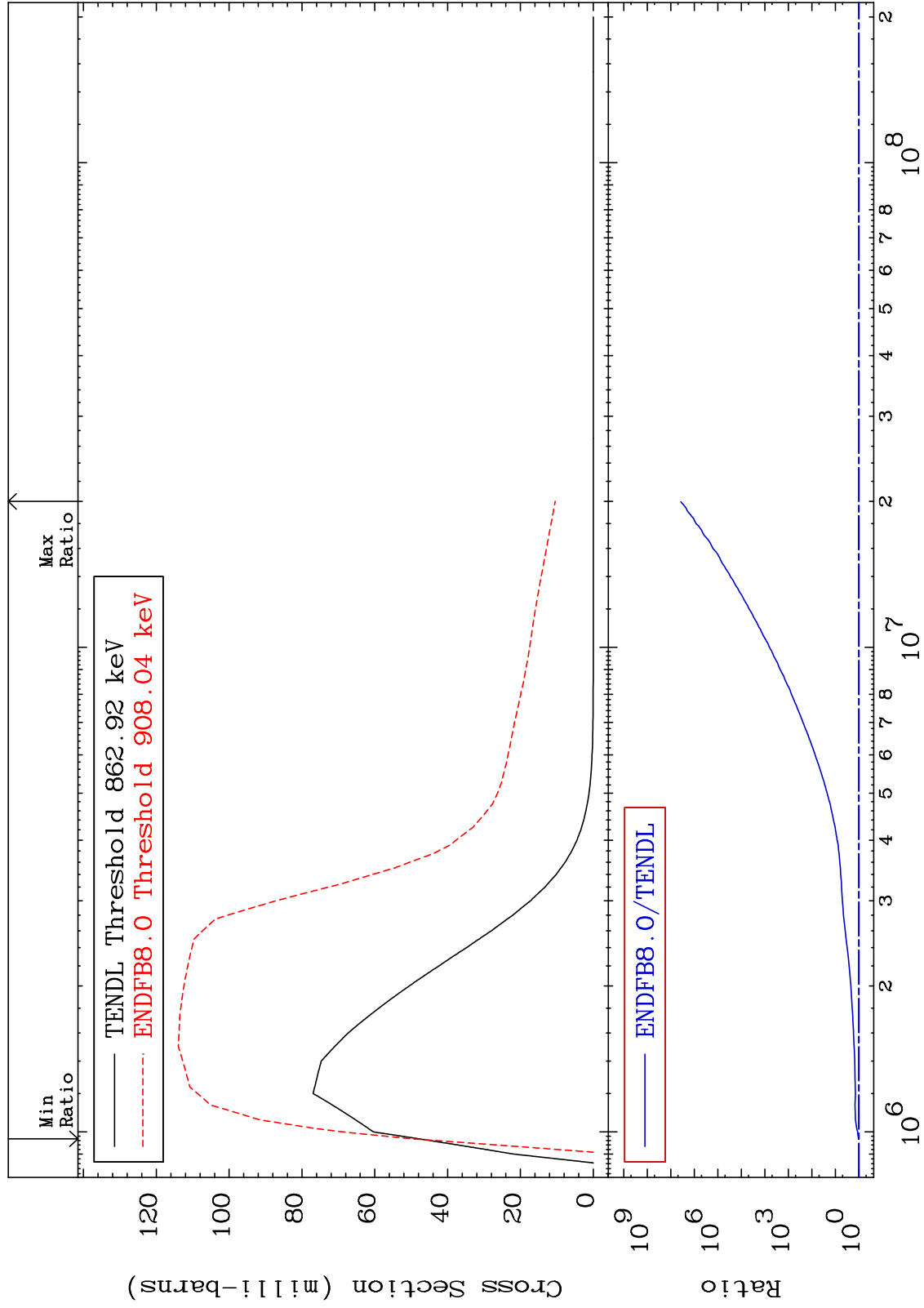
48-Cd-113  
-18.60 To 9999. %



MAT 4846

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

48-Cd-113  
4.010 To 9999. %



22

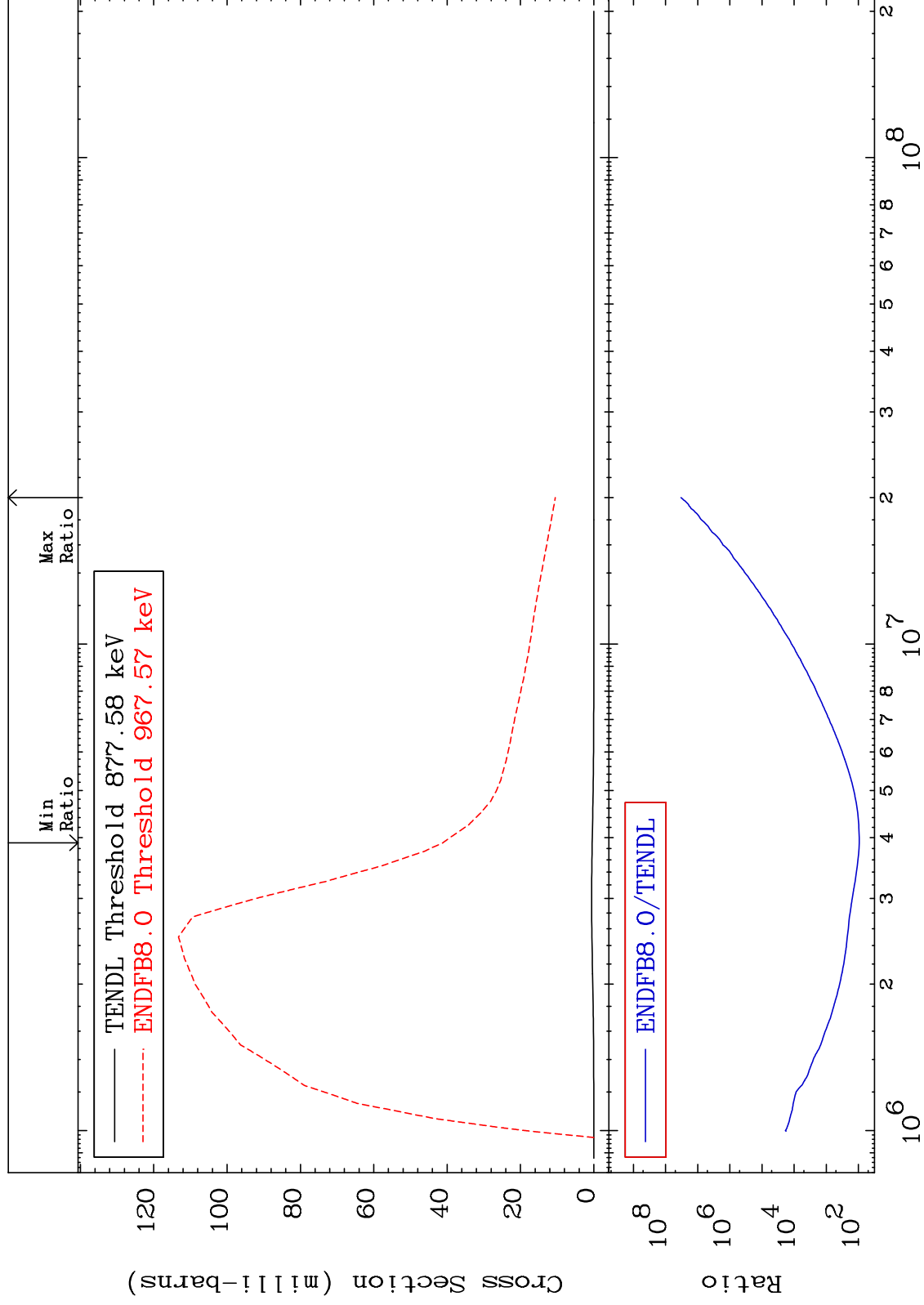
Incident Energy (eV)

48-Cd-113

MAT 4846

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

48-Cd-113  
9333. To 9999. %

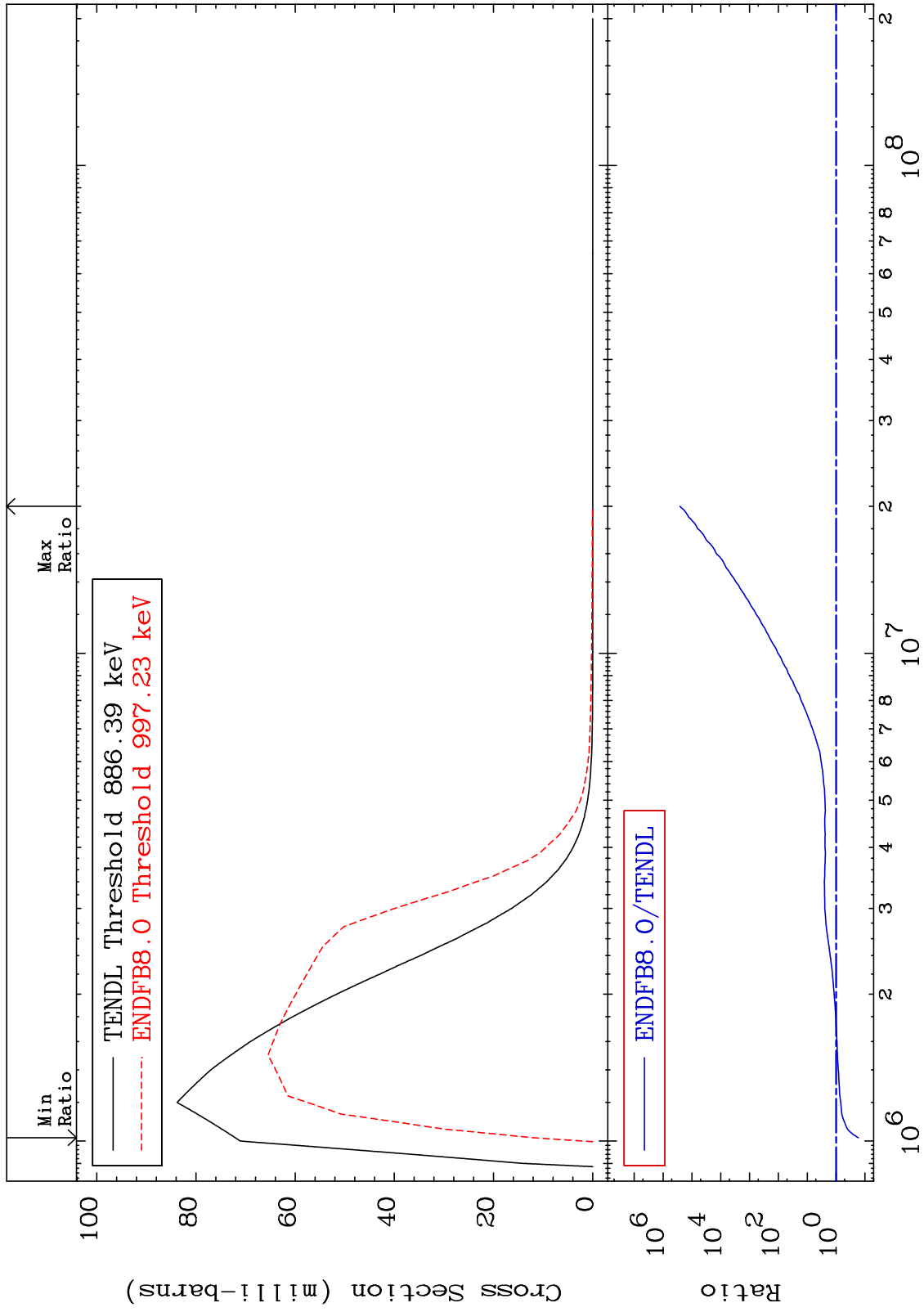




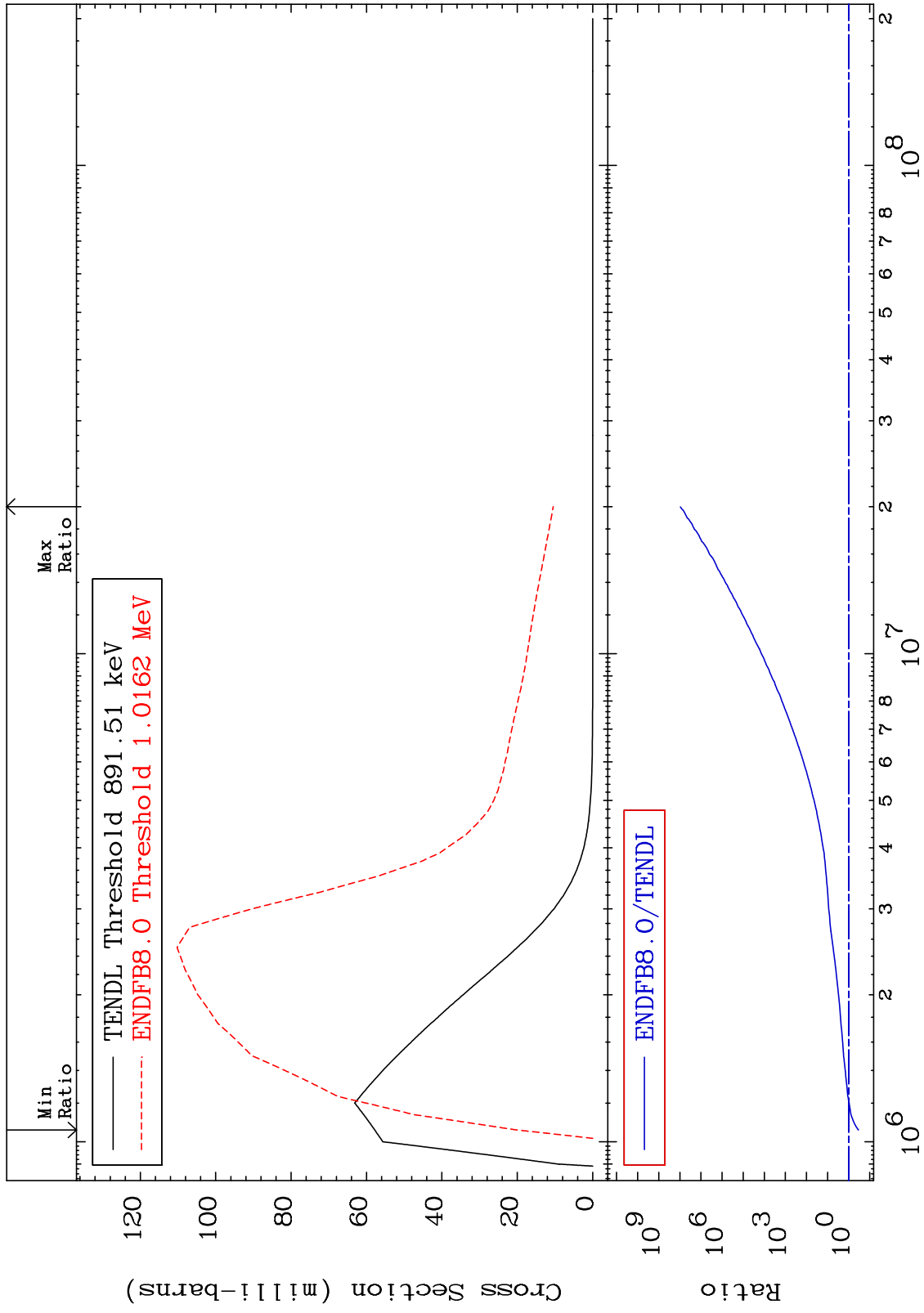
MAT 4846

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

48-Cd-113  
-83.23 To 9999. %



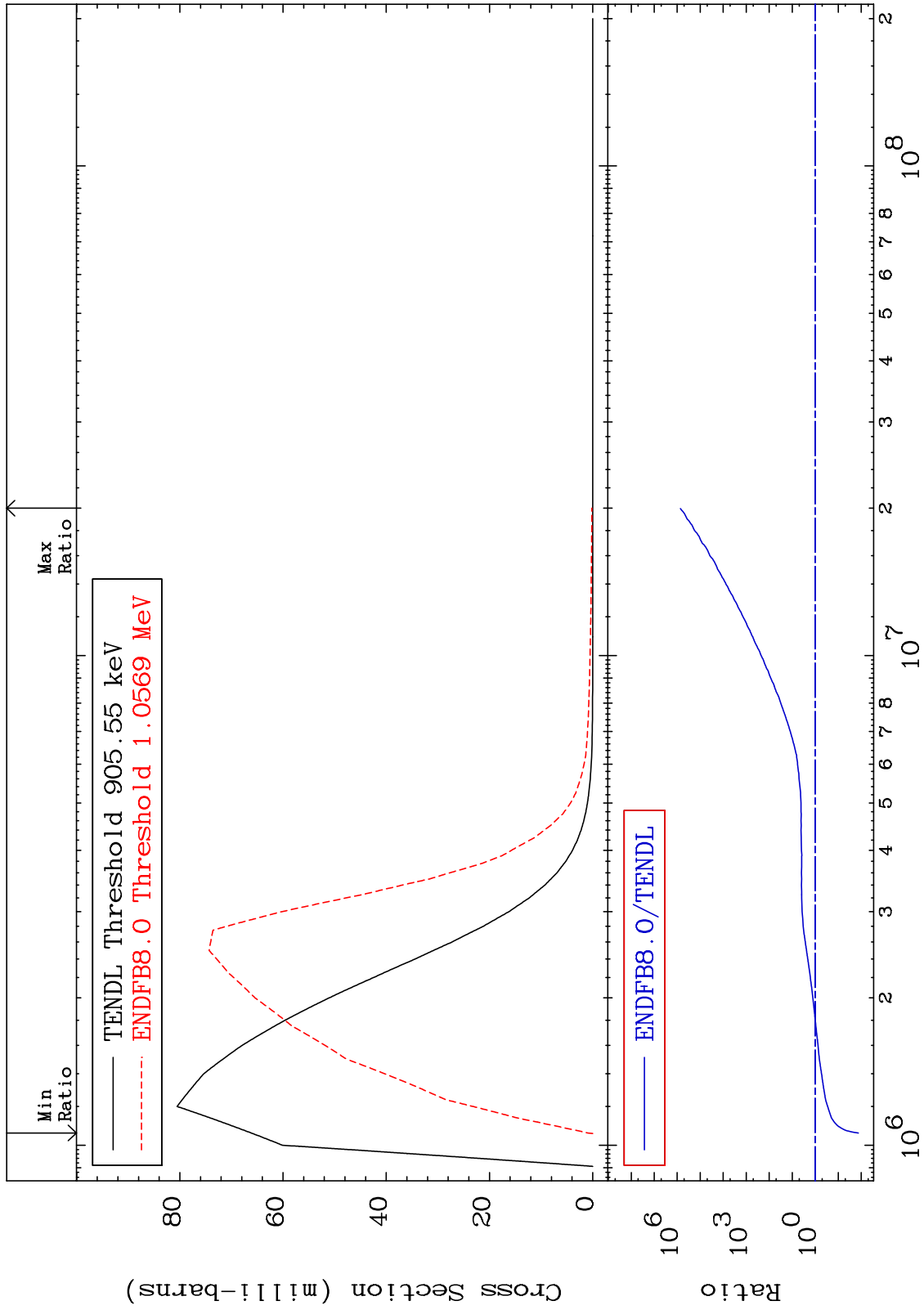
MAT 4846      MT= 68 (n,n') Level      48-Cd-113  
 Cross Section      -65.31 To 9999. %



MAT 4846

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

48-Cd-113  
-98.67 To 9999. %

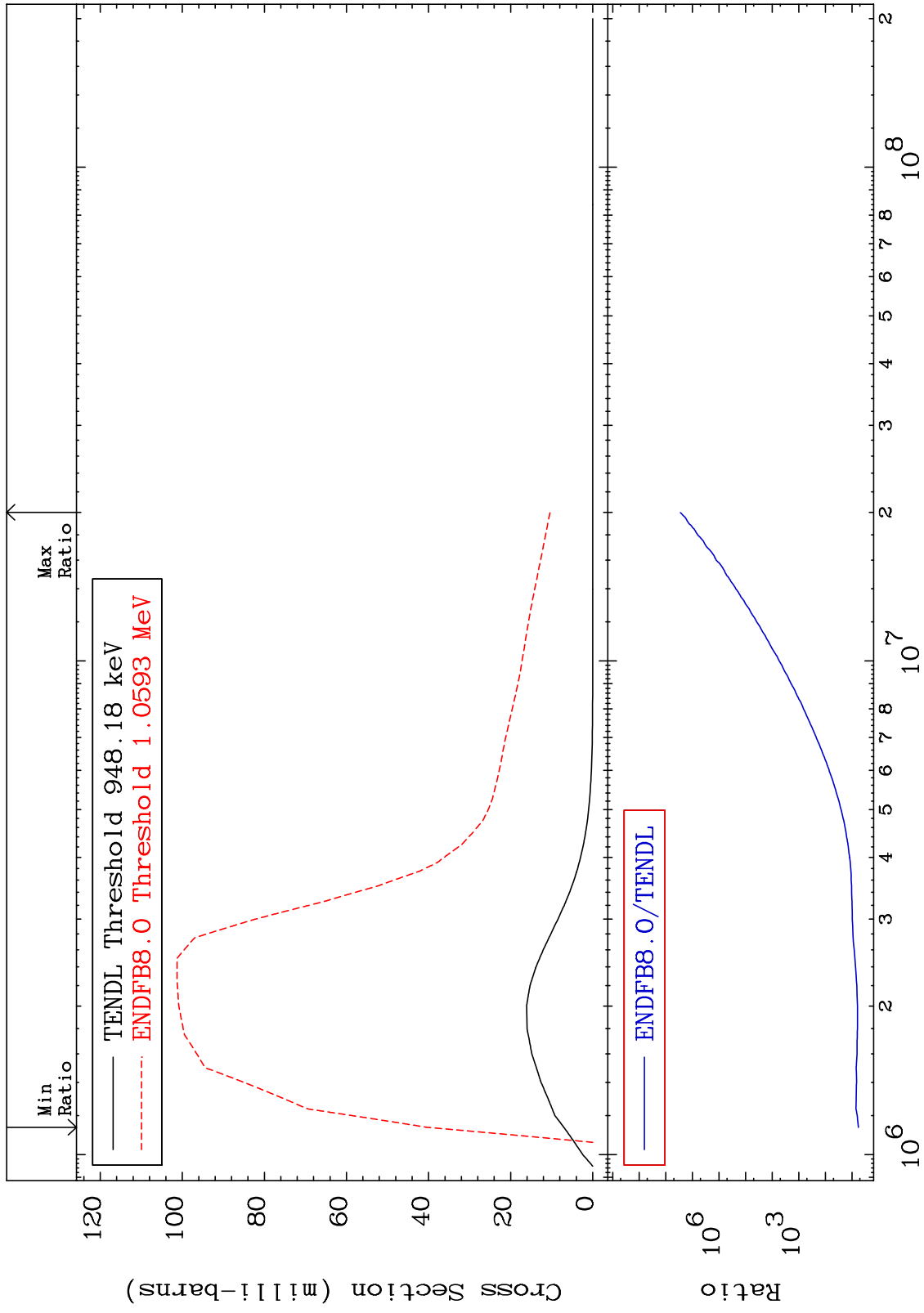


Incident Energy (eV)

48-Cd-113

26

MAT 4846      MT= 70 (n,n') Level      48-Cd-113  
 Cross Section      472.8 To 9999. %

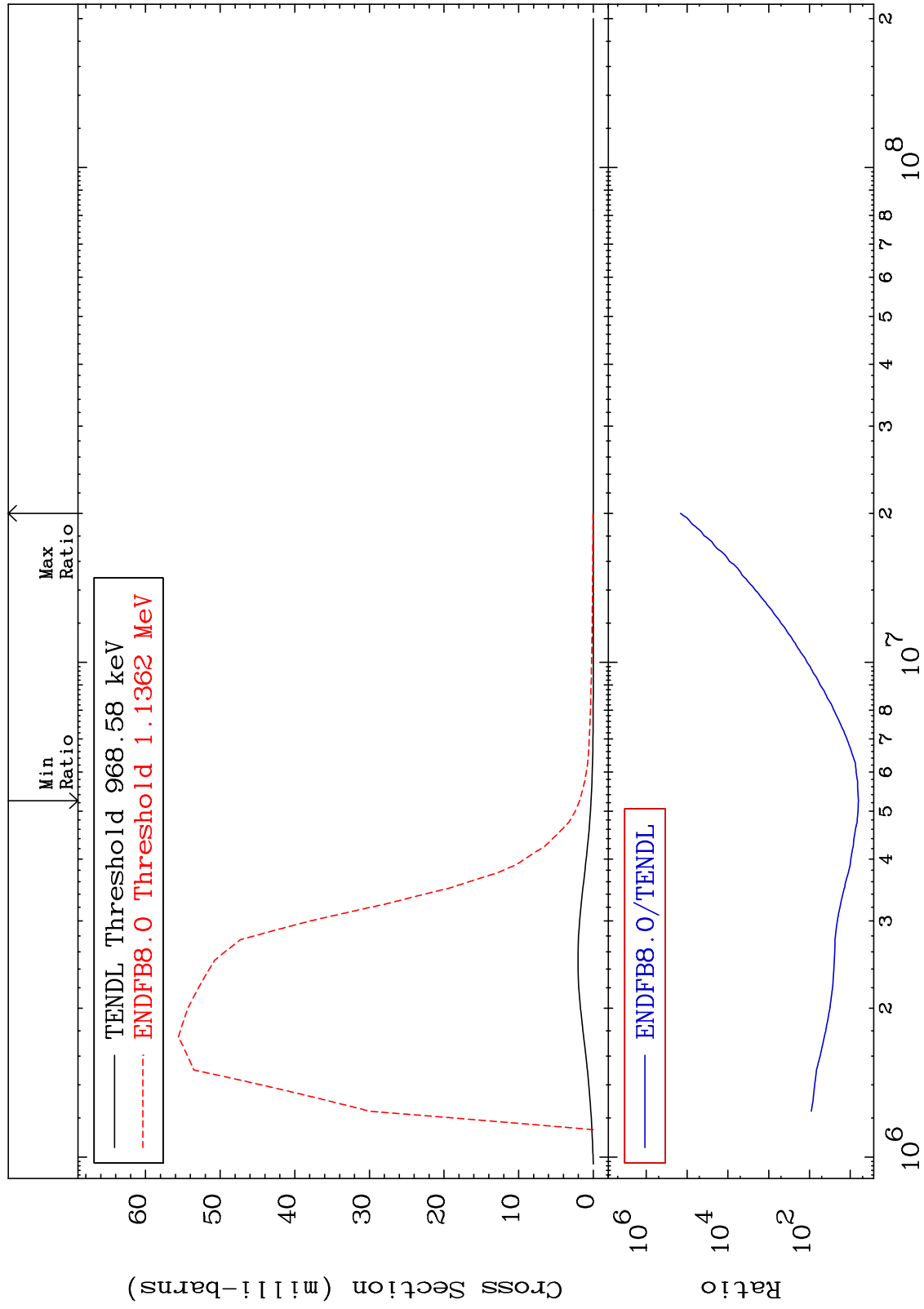


27      Incident Energy (eV)      48-Cd-113

MAT 4846

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

48-Cd-113  
527.8 To 9999. %



Incident Energy (eV)

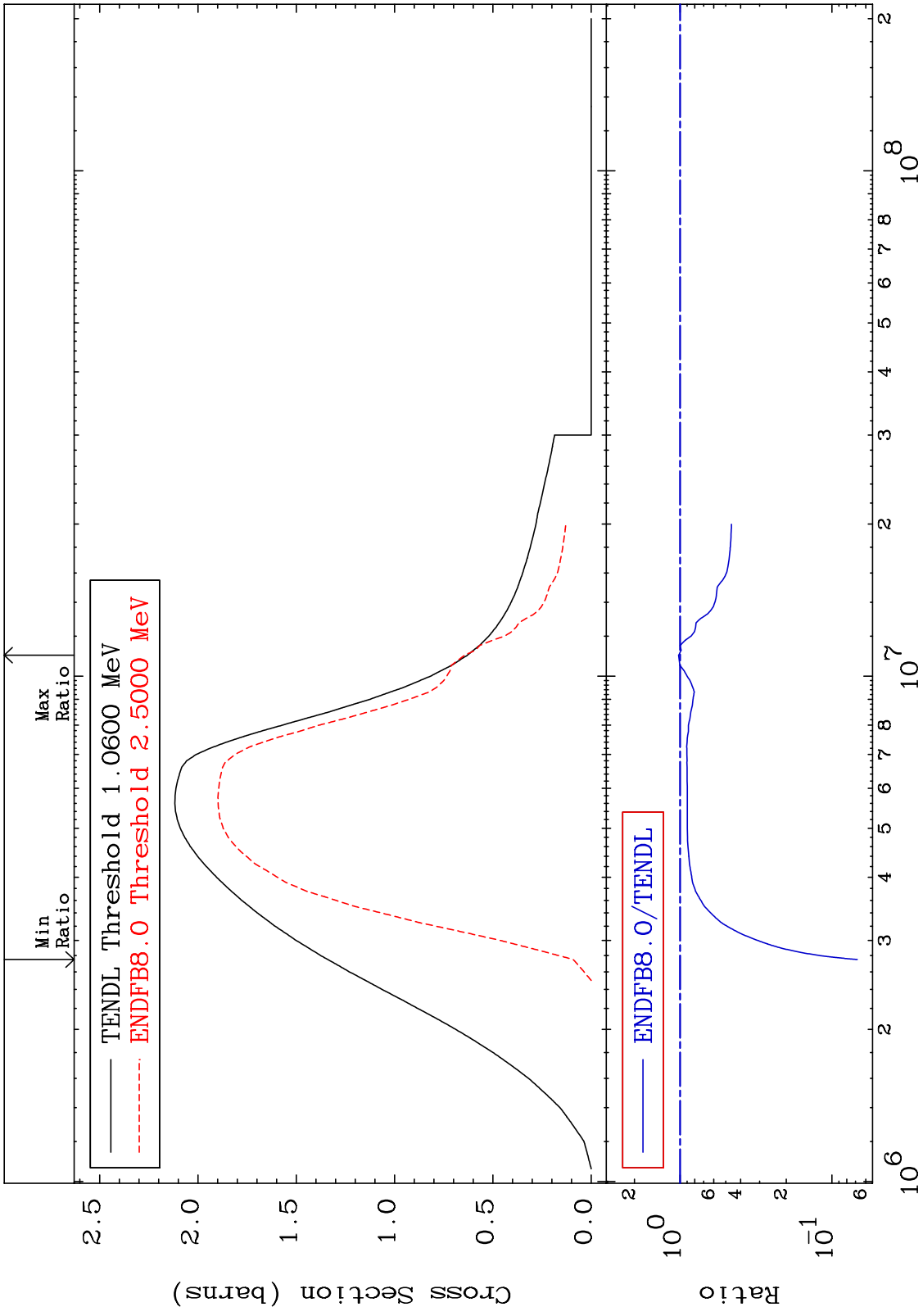
48-Cd-113

28

MAT 4846

(n, n') Continuum  
Cross Section

48-Cd-113  
-93.19 To 2.208 %



29

Incident Energy (eV)

48-Cd-113

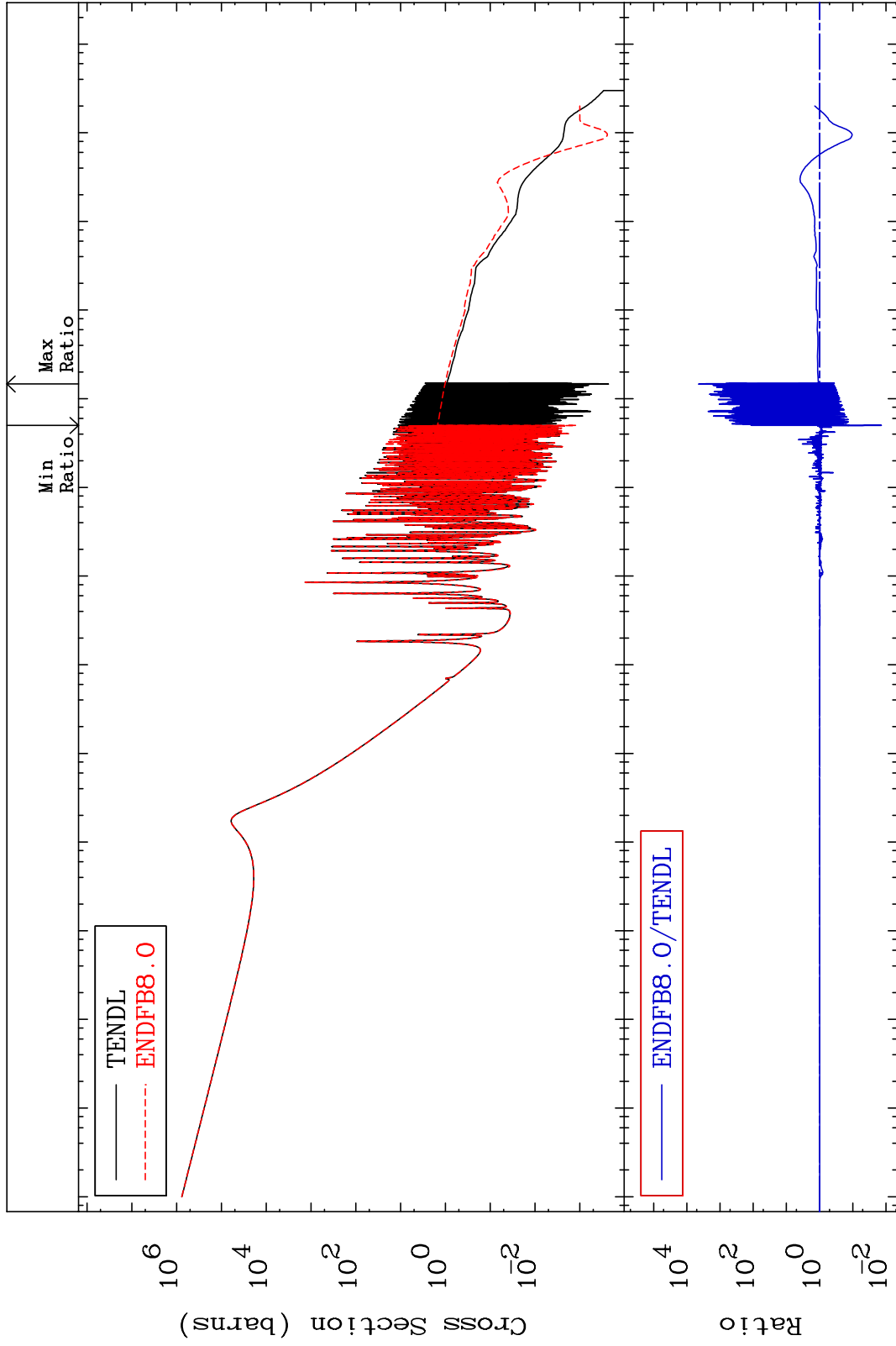
MAT 4846

(n,  $\gamma$ )

48-Cd-113

Cross Section

-98.64 To 9999. %



Incident Energy (eV)

48-Cd-113

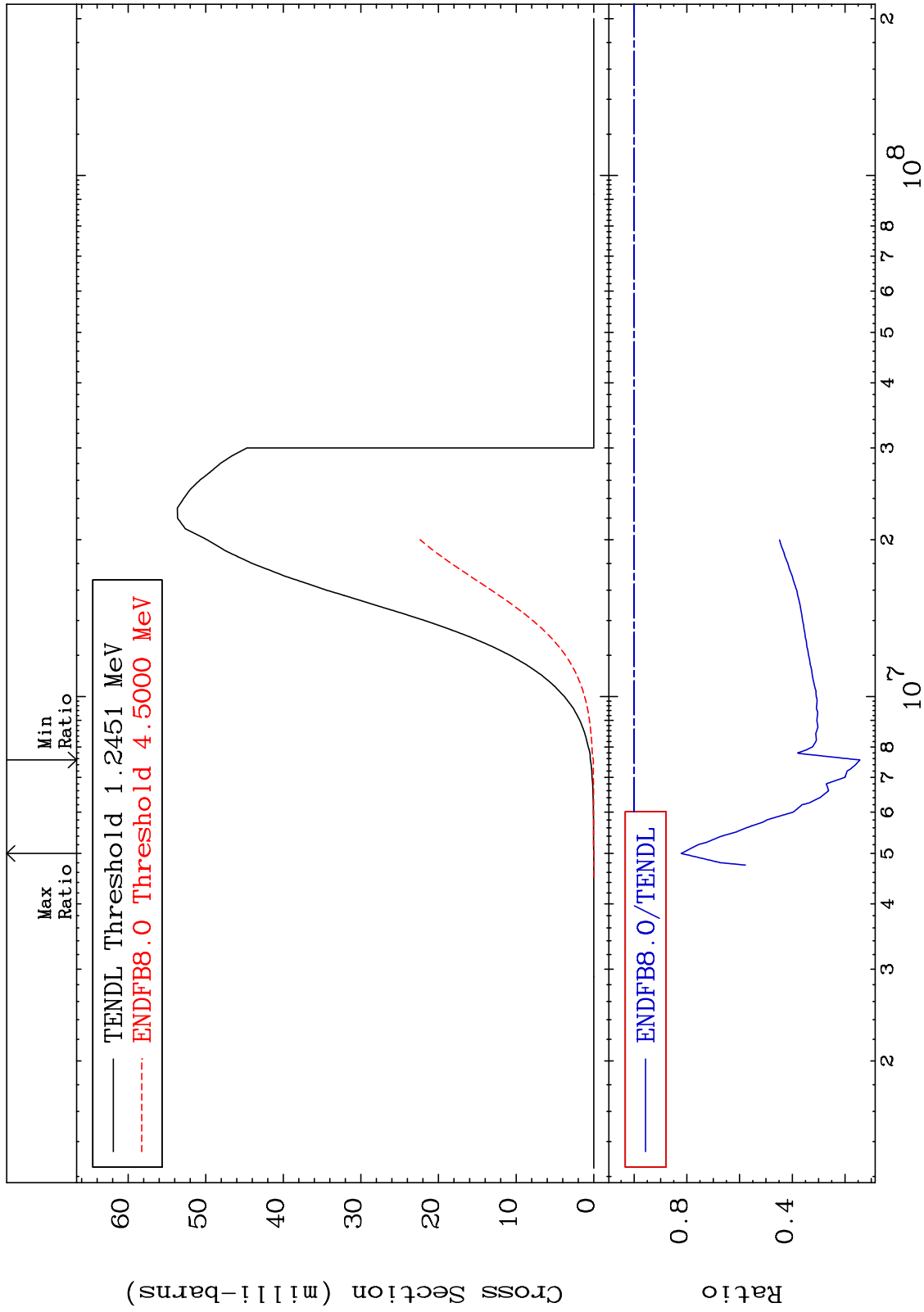
MAT 4846

(n,p)

48-Cd-113

Cross Section

-85.68 To -17.85%





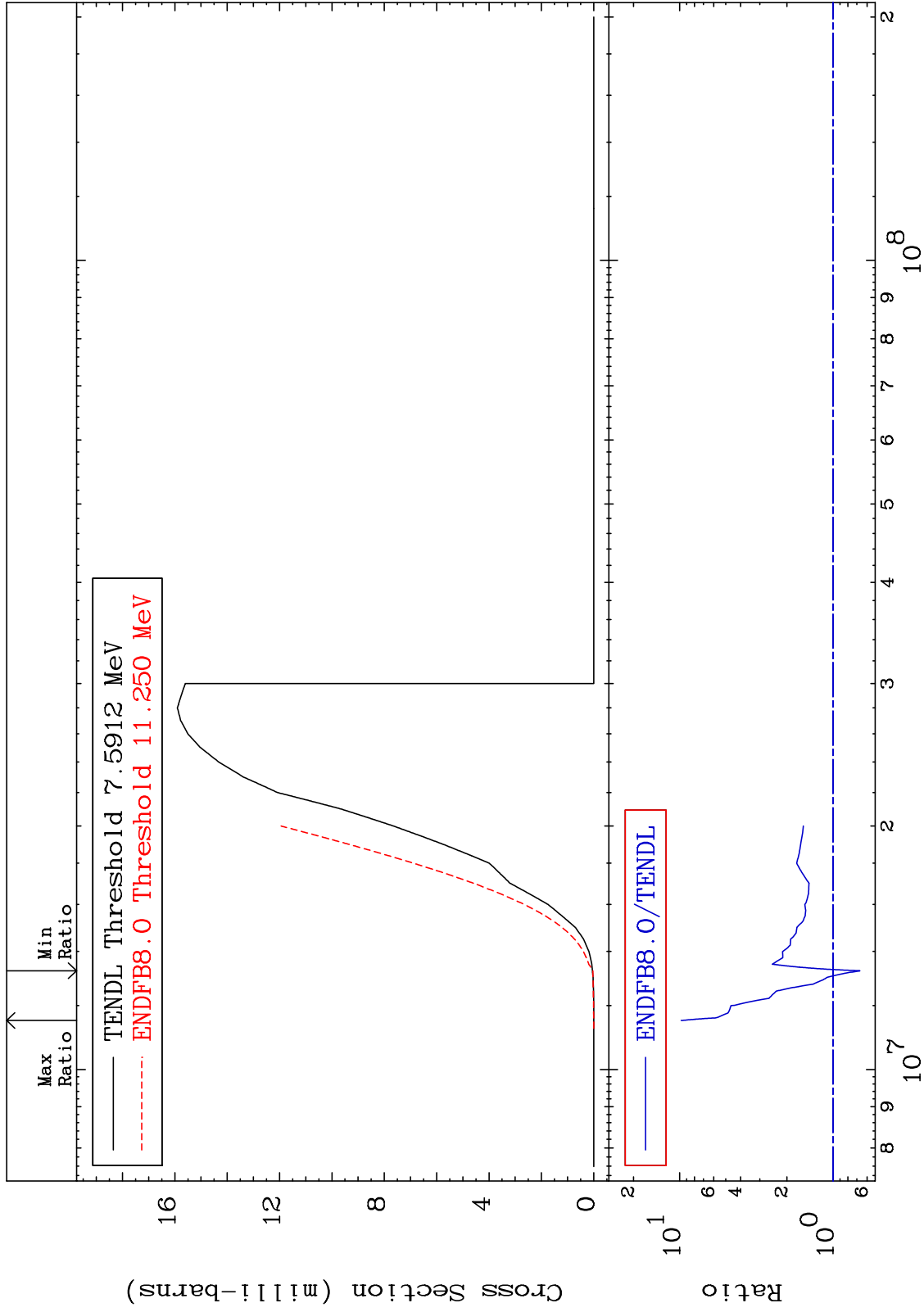
MAT 4846

(n, d)

48-Cd-113

Cross Section

-33.20 To 876.4 %



32

Incident Energy (eV)

48-Cd-113

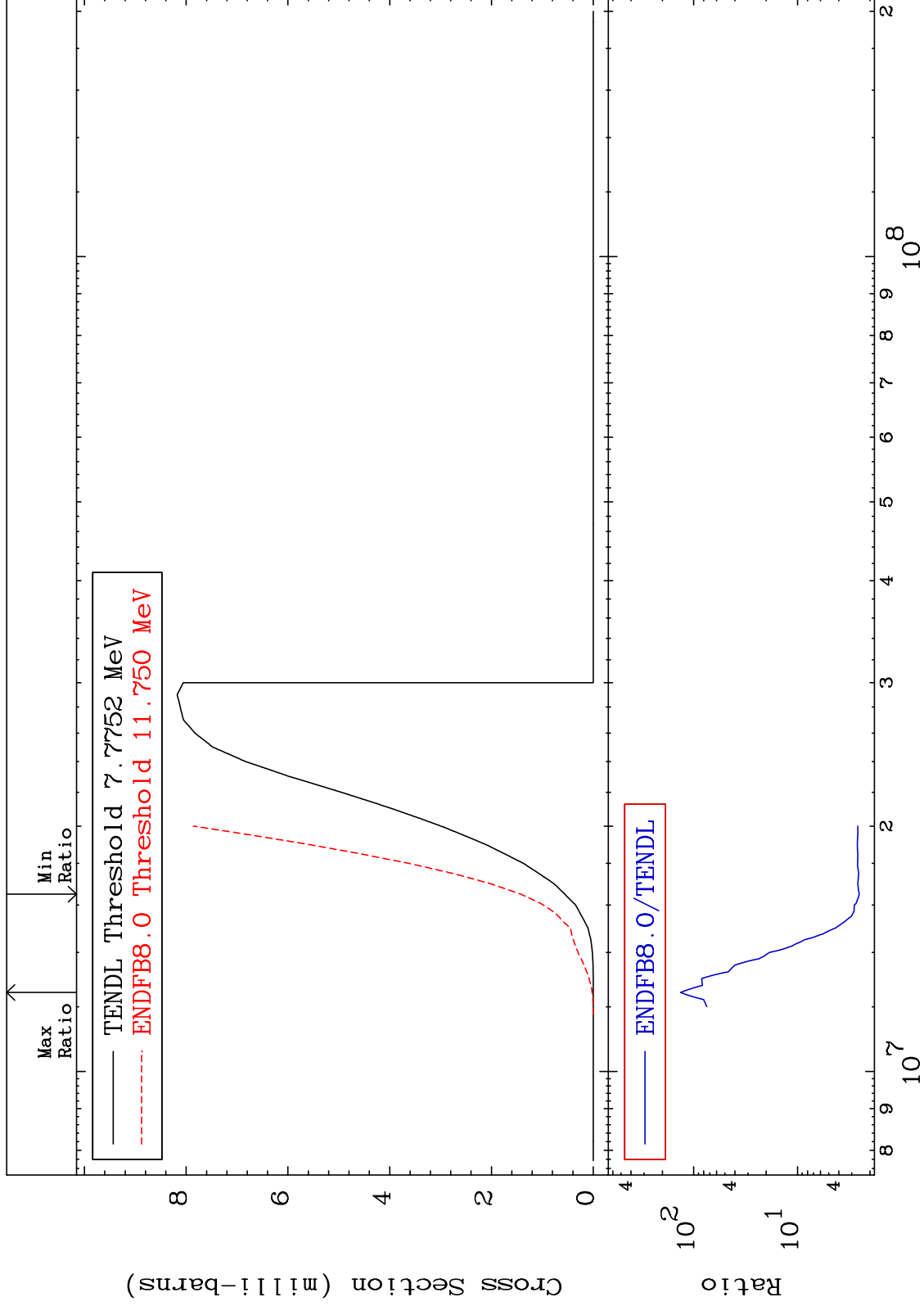
MAT 4846

(n, t)

48-Cd-113

Cross Section

154.6 To 9999. %



33

Incident Energy (eV)

48-Cd-113

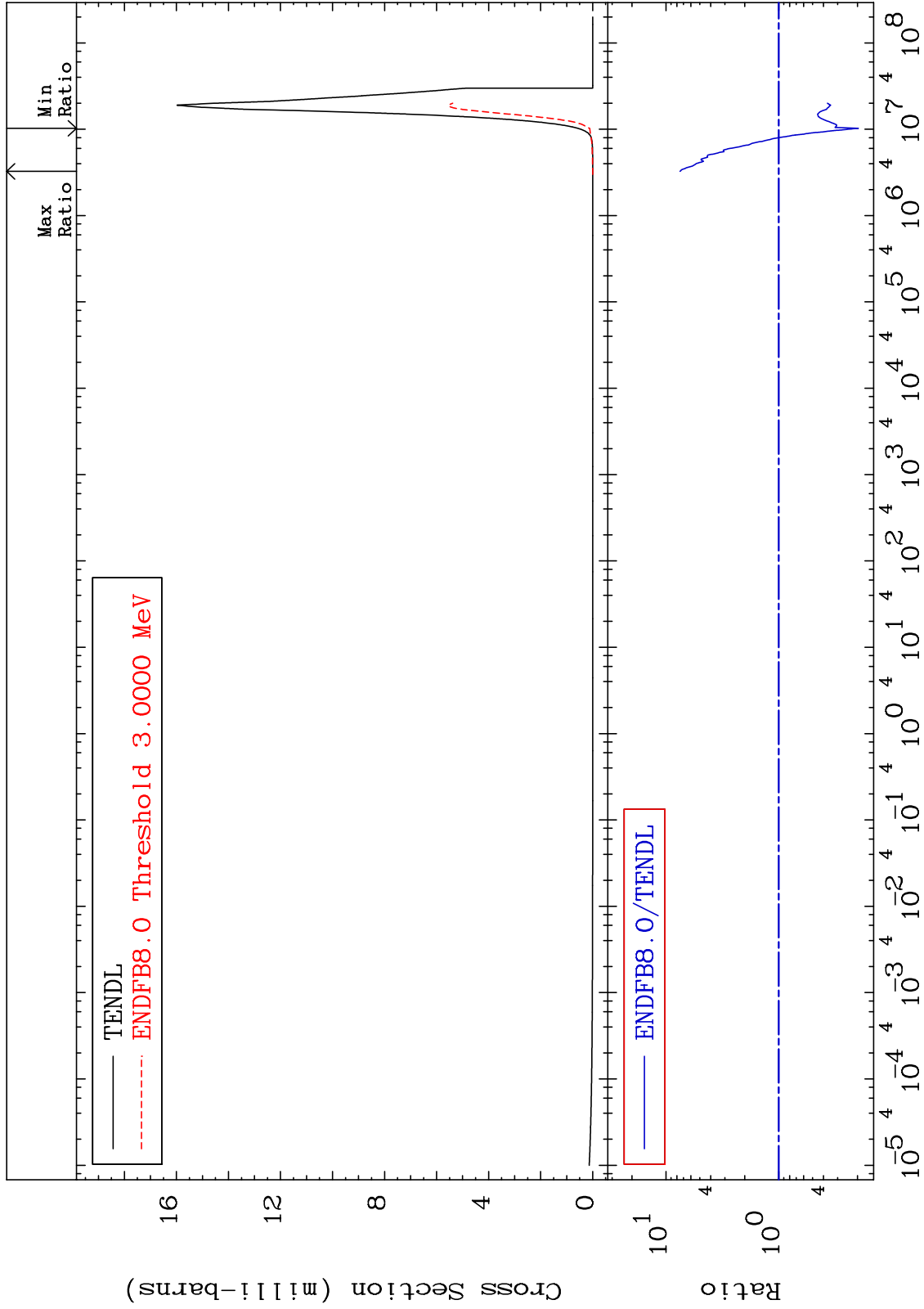
MAT 4846

(n,  $\alpha$ )

48-Cd-113

Cross Section

-80.36 To 649.4 %



34

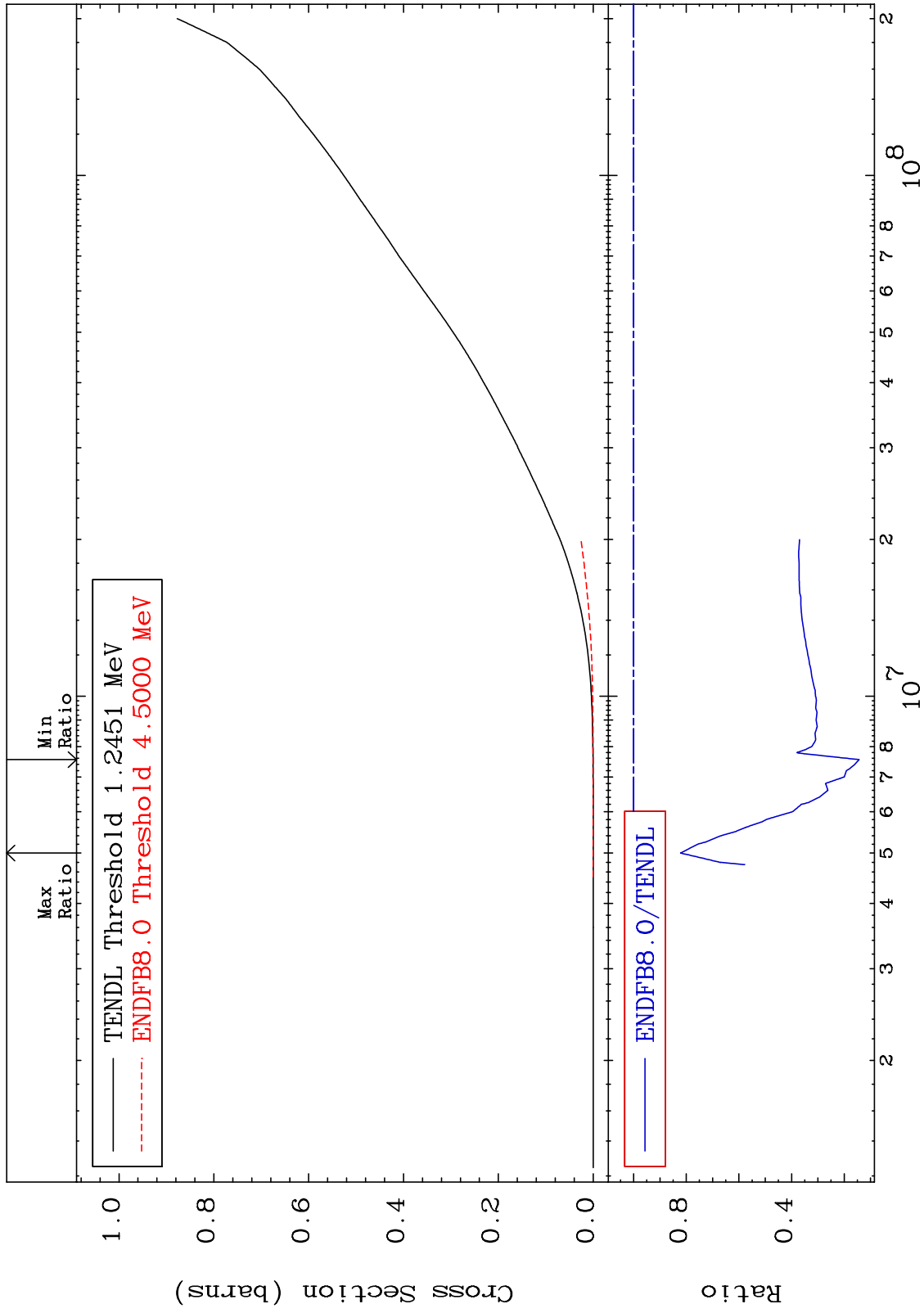
Incident Energy (eV)

48-Cd-113

MAT 4846

Hydrogen Production  
Cross Section

48-Cd-113  
-85.68 To -17.85%



35

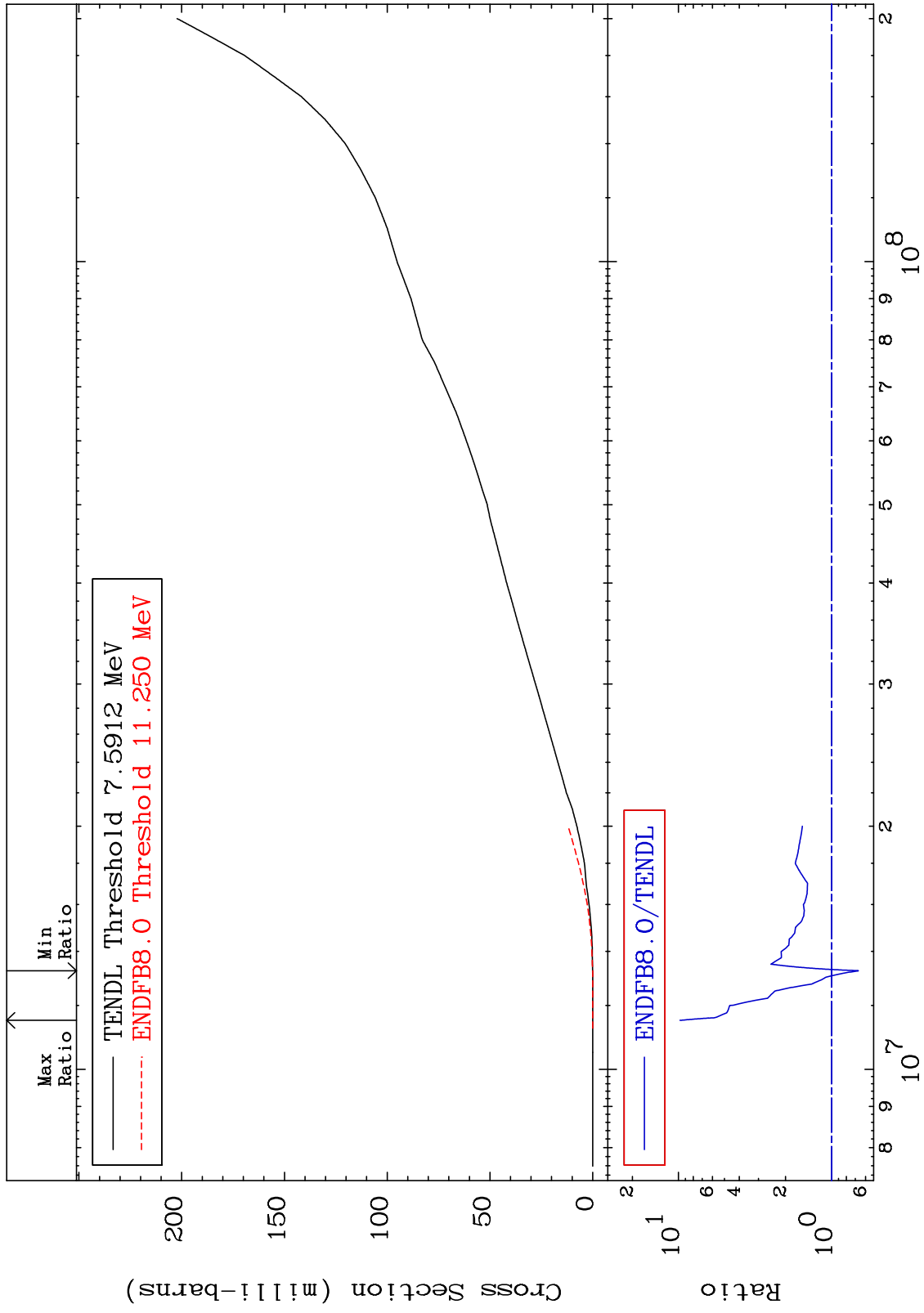
Incident Energy (eV)

48-Cd-113

MAT 4846

Deuterium Production  
Cross Section

48-Cd-113  
-33.20 To 876.4 %



36

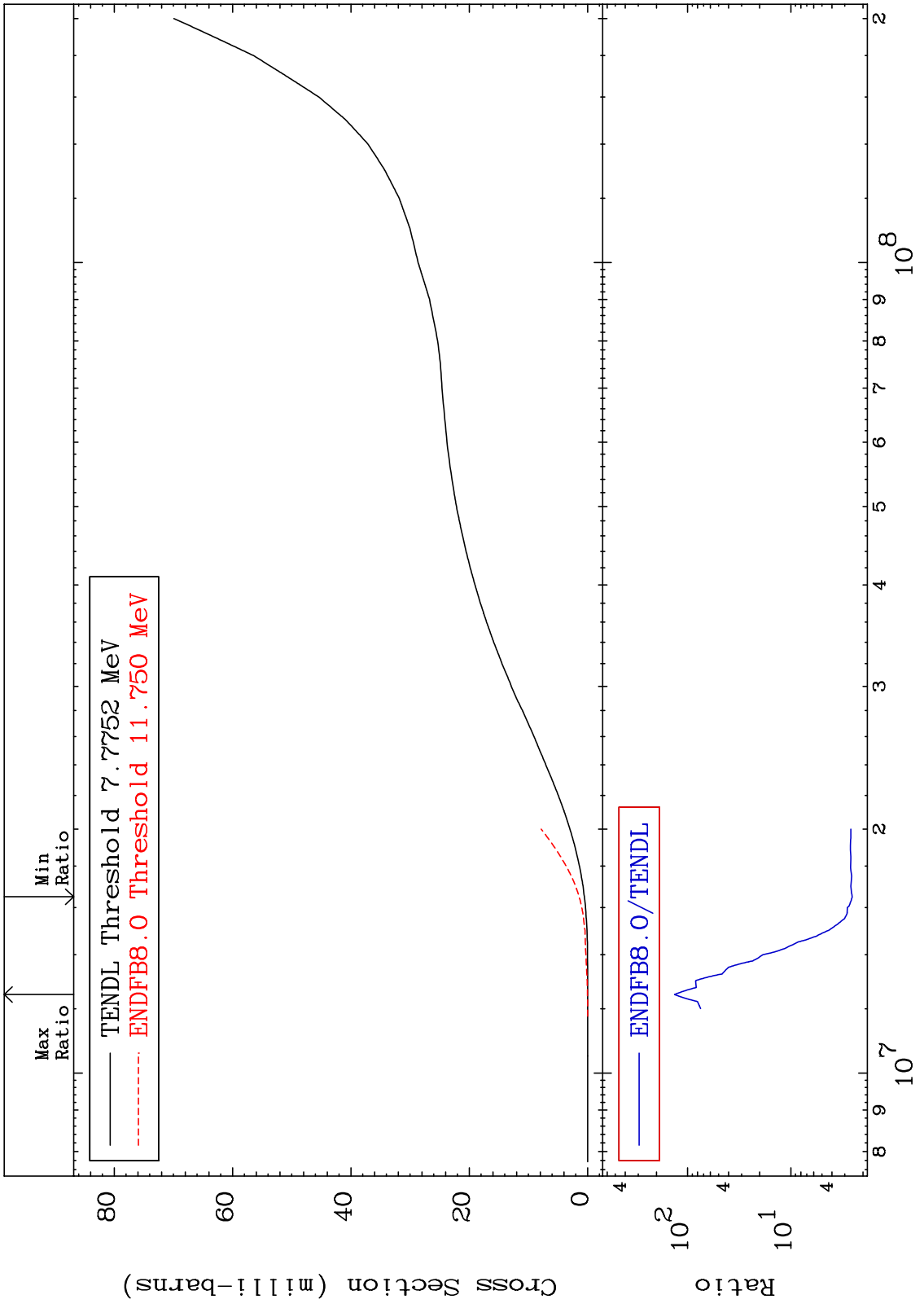
Incident Energy (eV)

48-Cd-113

MAT 4846

Tritium Production  
Cross Section

48-Cd-113  
154.6 To 9999. %



37

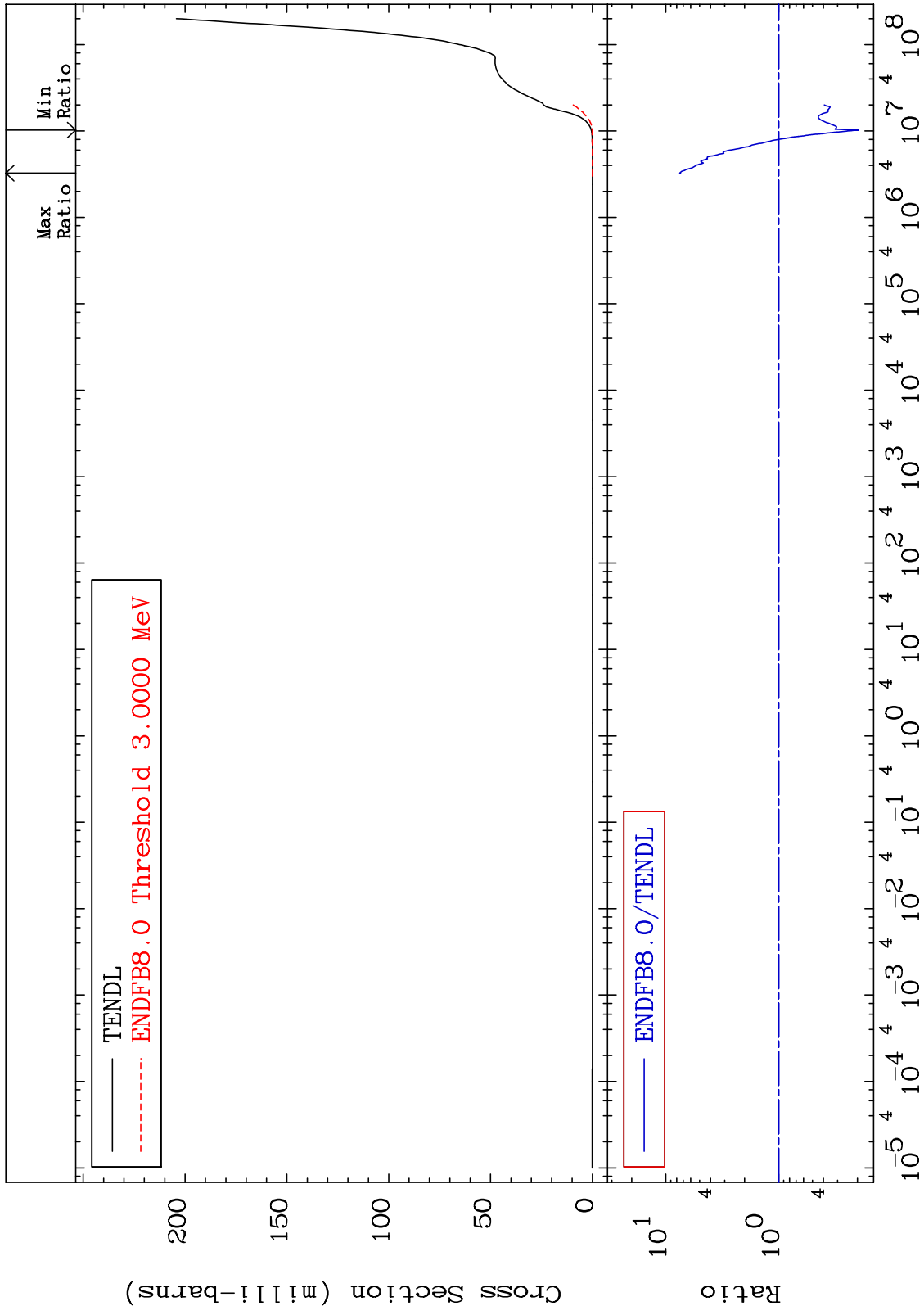
Incident Energy (eV)

48-Cd-113

MAT 4846

He-4 Production  
Cross Section

48-Cd-113  
-80.36 To 649.4 %



38

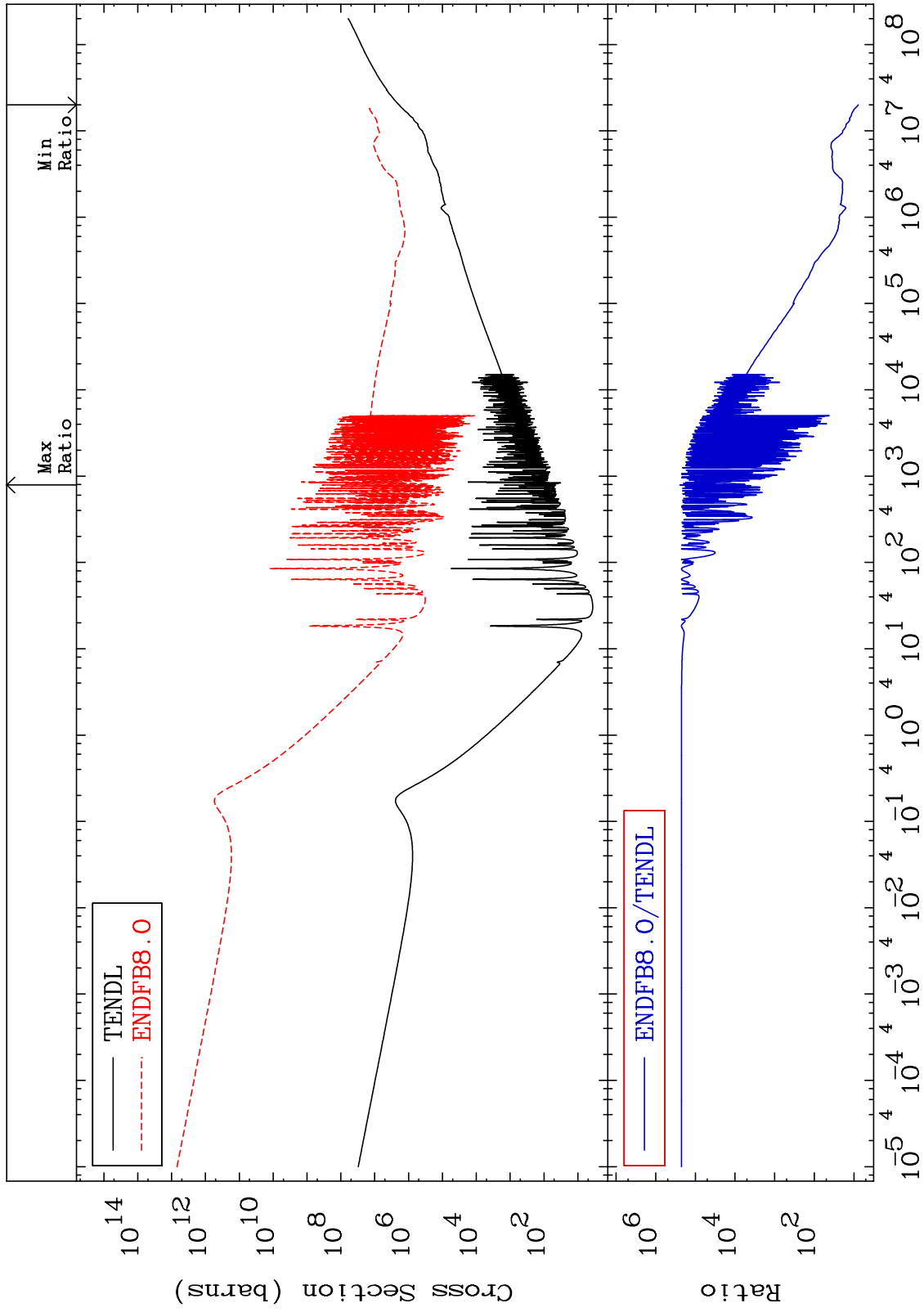
Incident Energy (eV)

48-Cd-113

MAT 4846

Kerma total (eV-barns)  
Cross Section

48-Cd-113  
671.8 To 9999. %

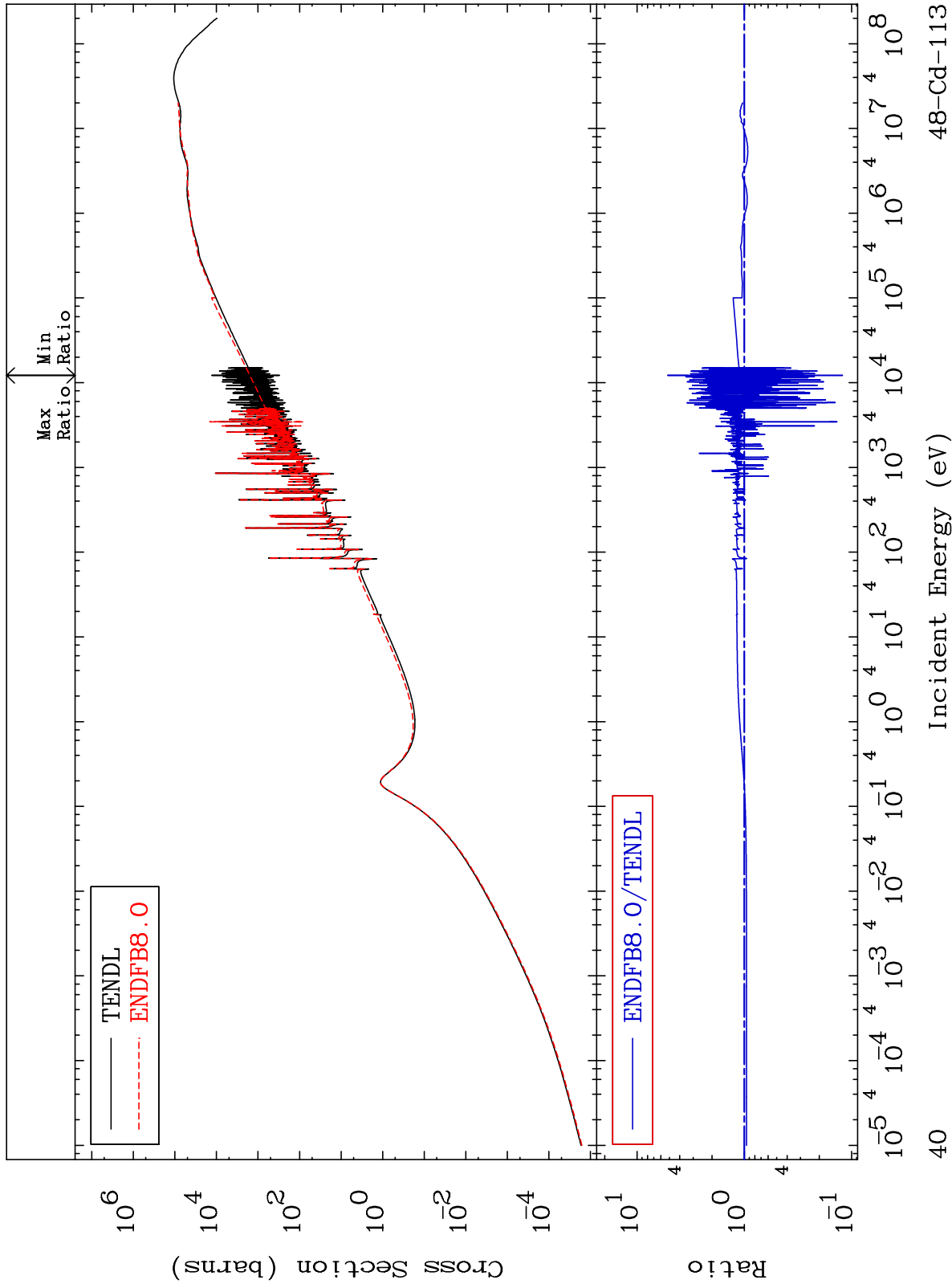




MAT 4846

Kerma elastic  
Cross Section

48-Cd-113  
-87.87 To 420.1 %



48-Cd-113

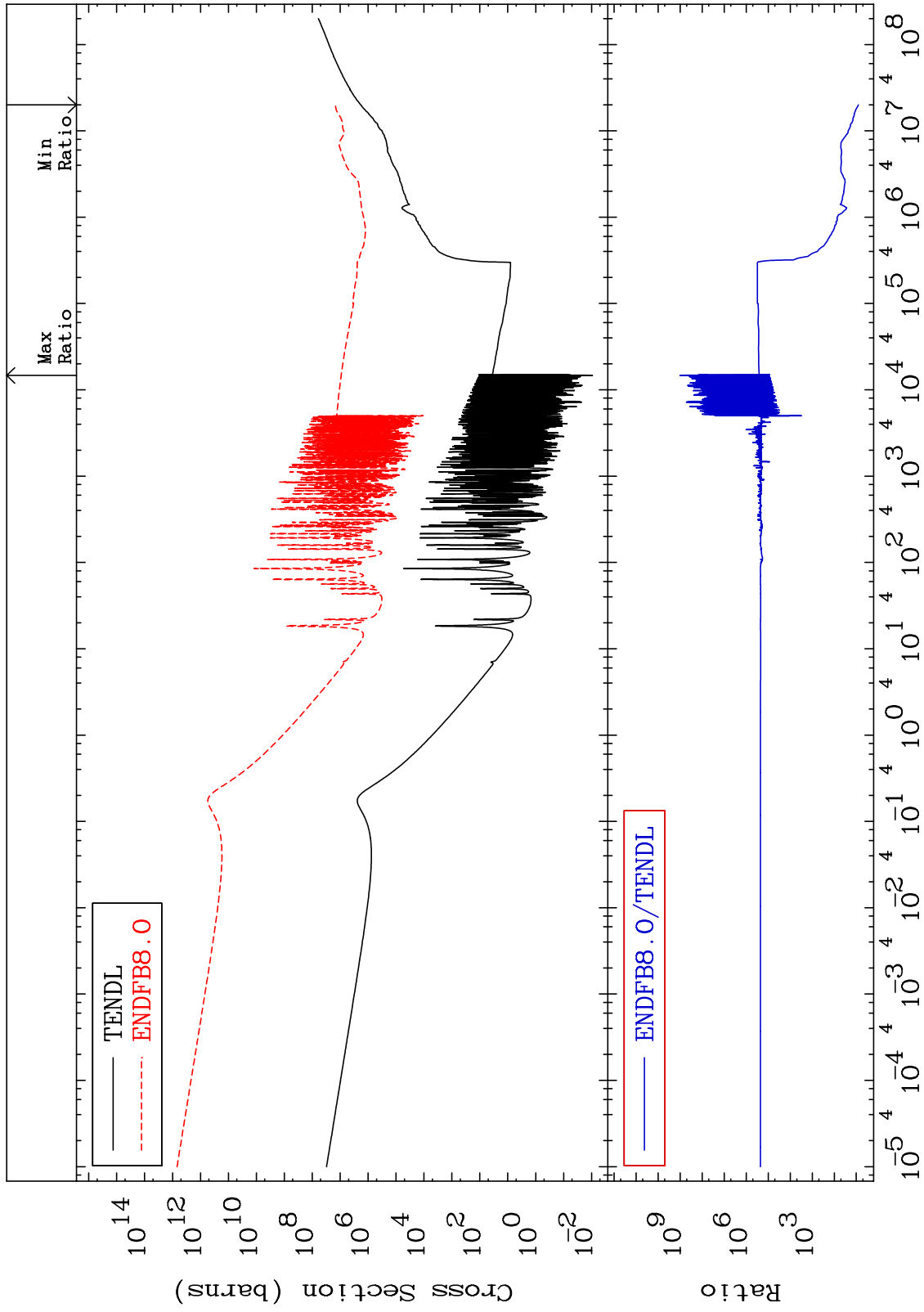
Incident Energy (eV)

40

MAT 4846

Kerma non-elastic (all but mt2)  
Cross Section

48-Cd-113  
700.9 To 9999. %



41

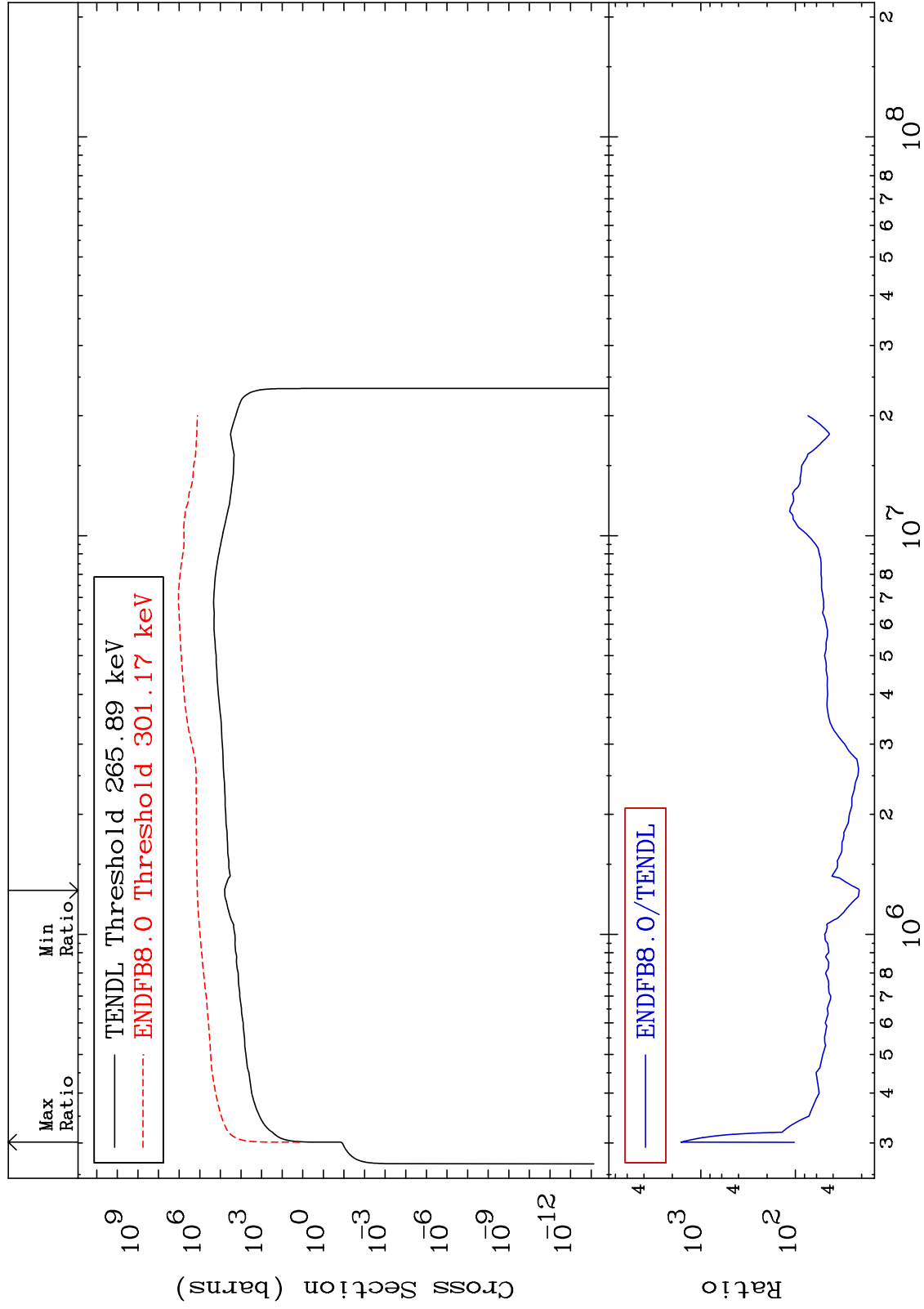
Incident Energy (eV)

48-Cd-113

MAT 4846

Kerma inelastic (mt51-91)  
Cross Section

48-Cd-113  
2017. To 9999. %



42

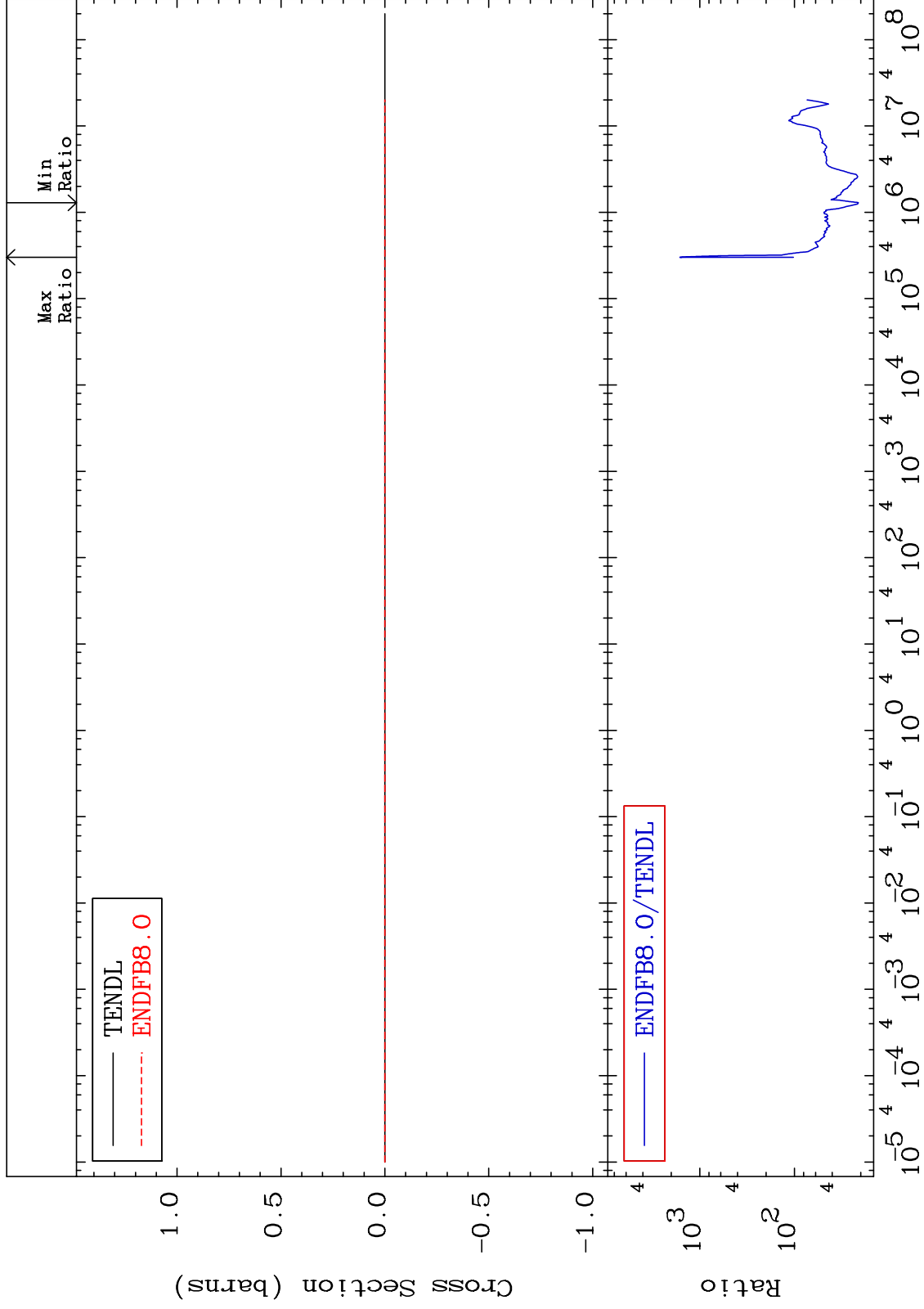
48-Cd-113

48-Cd-113

MAT 4846

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

48-Cd-113  
2017. To 9999. %



43

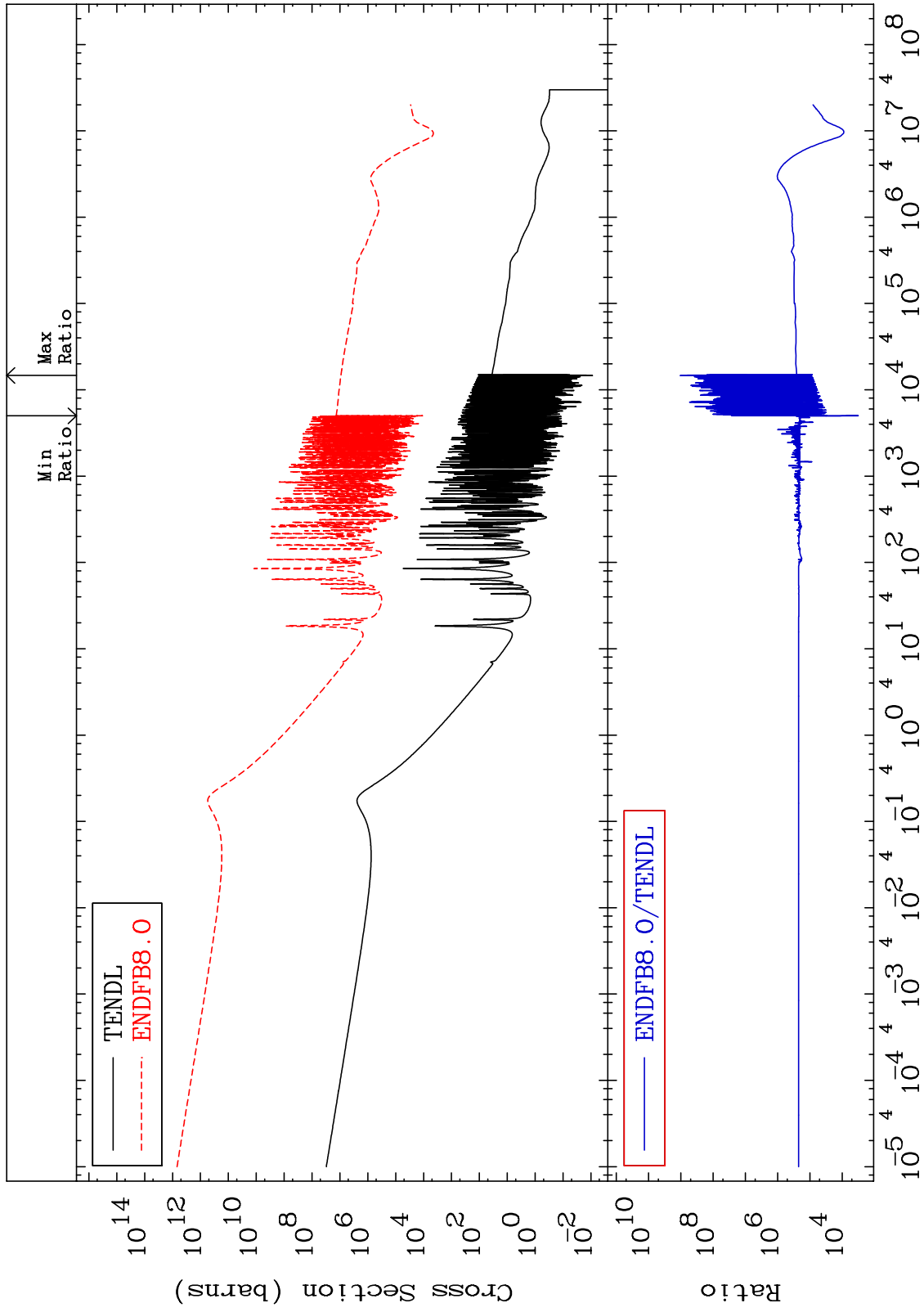
Incident Energy (eV)

48-Cd-113

MAT 4846

Kerma capture (mt102)  
Cross Section

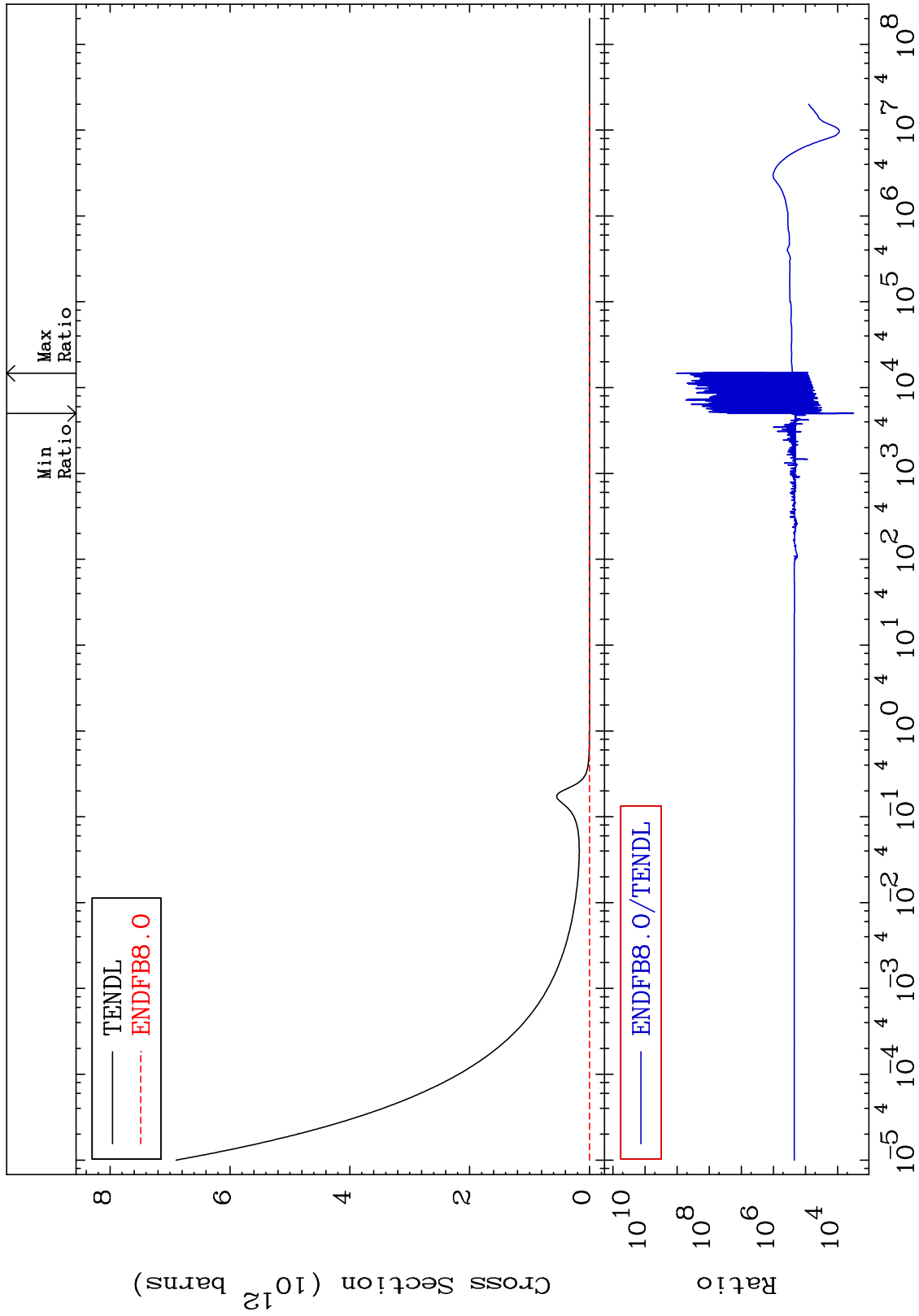
48-Cd-113  
9999. To 9999. %



MAT 4846

Total photon (eV-barns)  
Cross Section

48-Cd-113  
9999. To 9999. %



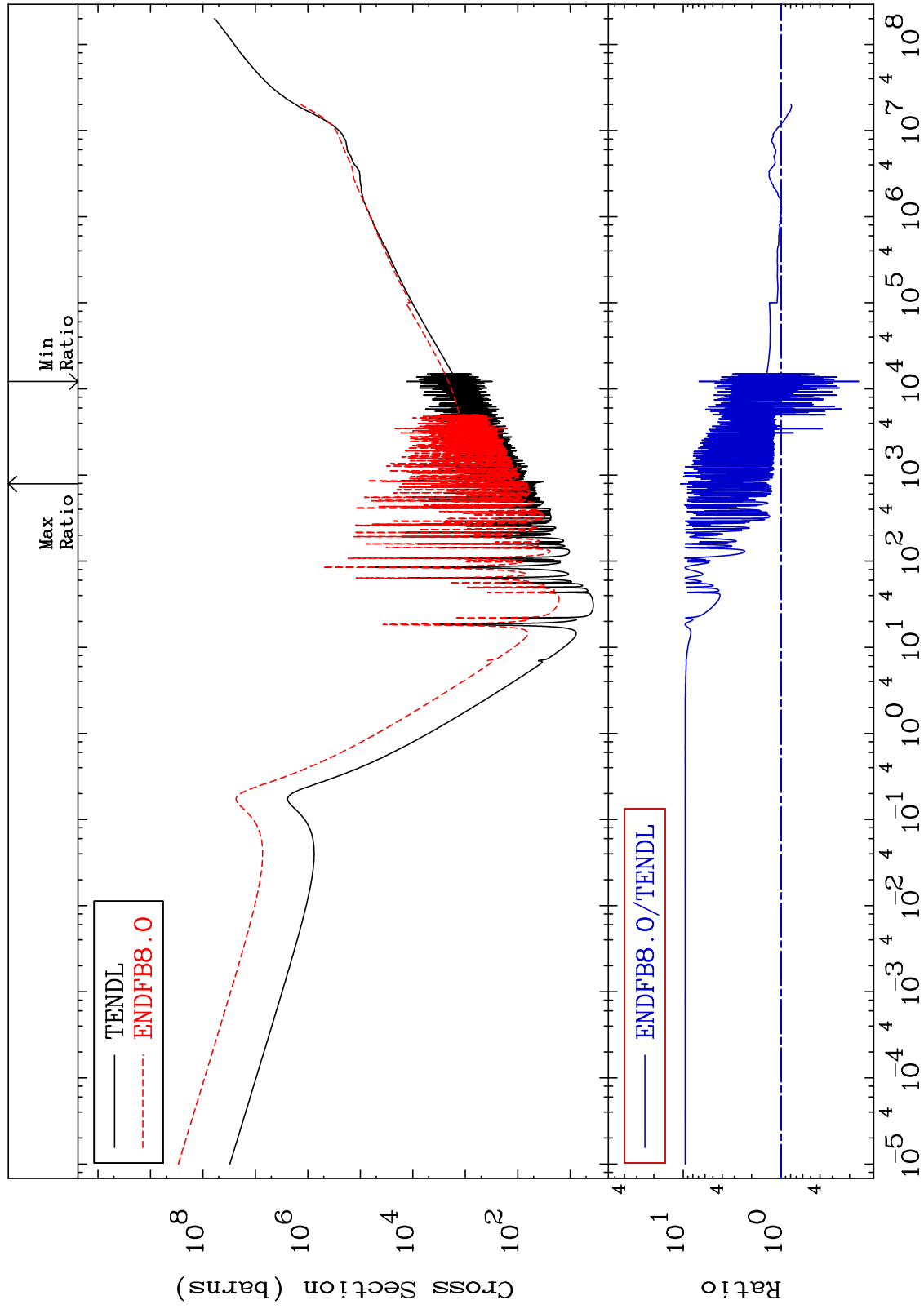
45

48-Cd-113

MAT 4846

Total kinematic kerma (high limit)  
Cross Section

48-Cd-113  
-83.84 To 968.7 %



46

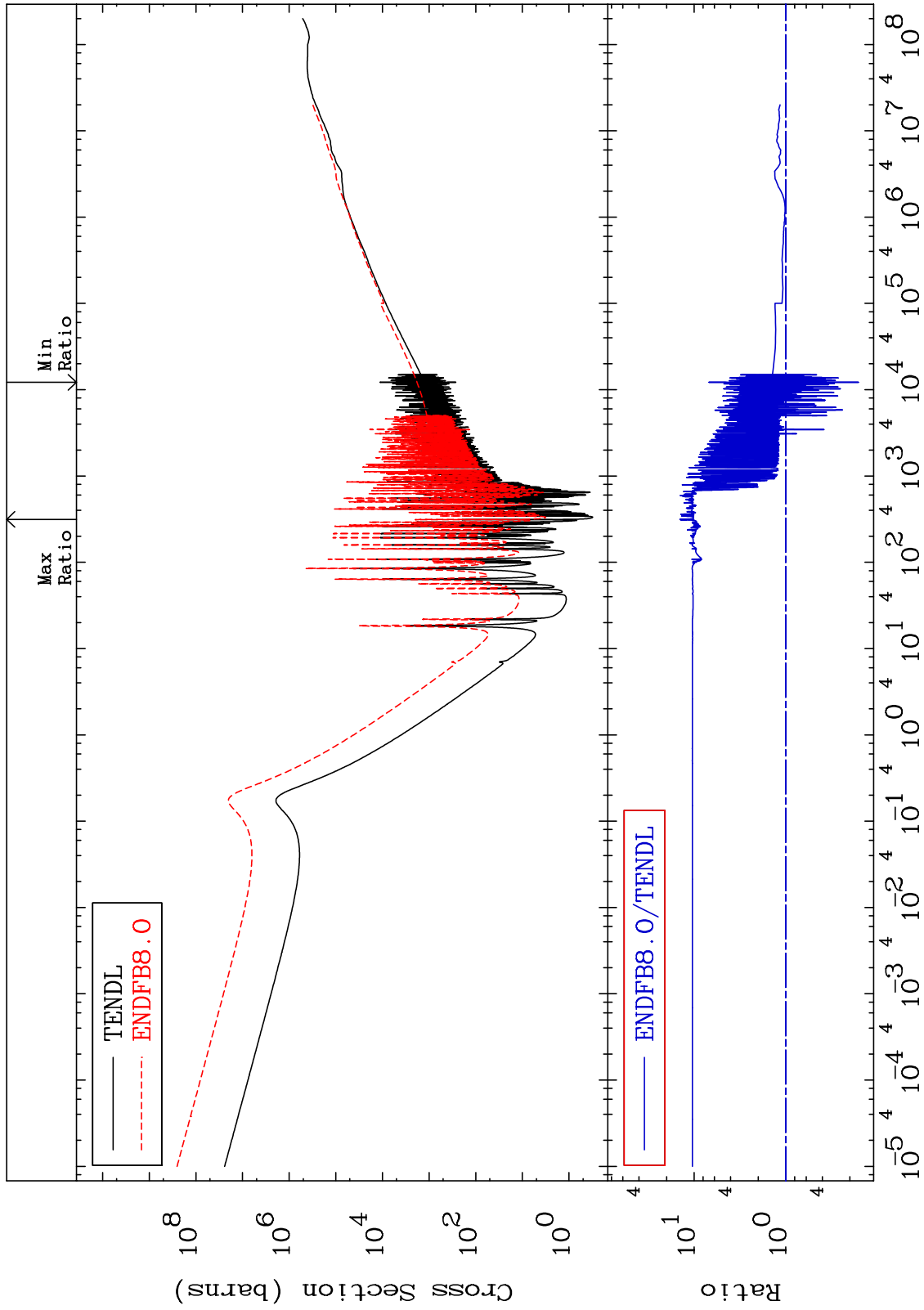
Incident Energy (eV)

48-Cd-113

MAT 4846

Dpa total (eV-barns)  
Cross Section

48-Cd-113  
-83.87 To 1327. %



47

Incident Energy (eV)

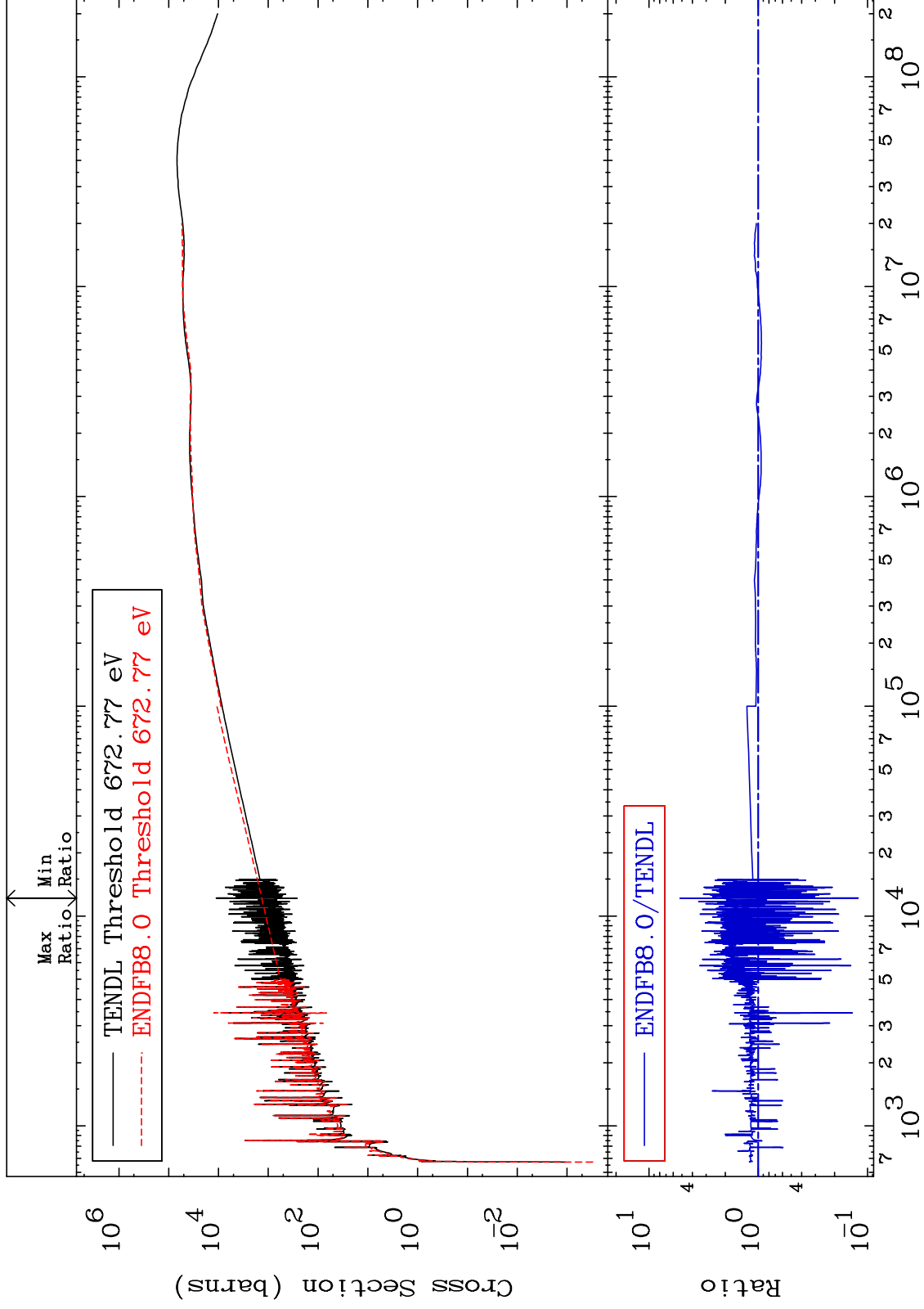
48-Cd-113



MAT 4846

Dpa elastic (mt2)  
Cross Section

48-Cd-113  
-87.87 To 420.0 %



48

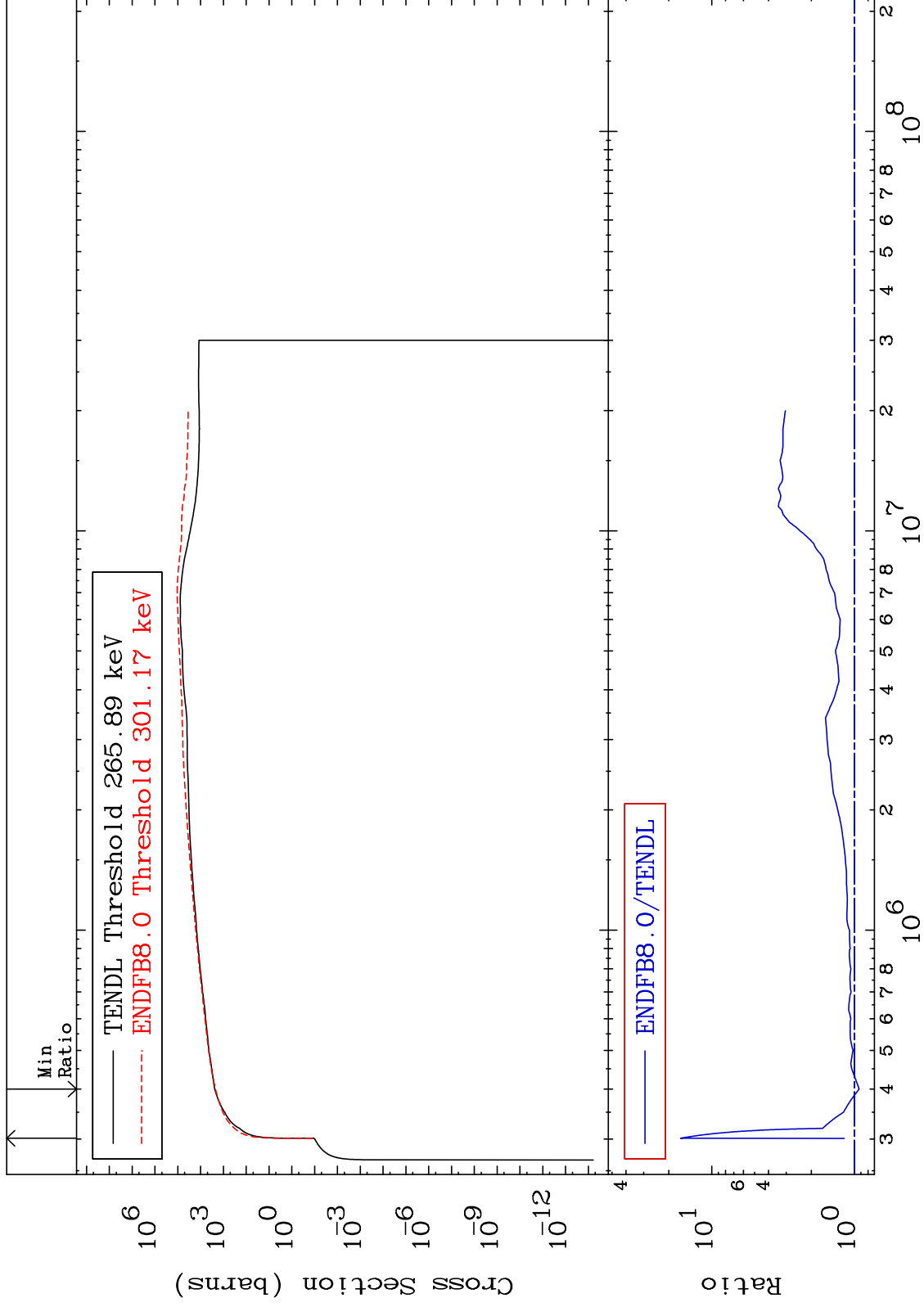
Incident Energy (eV)

48-Cd-113

MAT 4846

Dpa inelastic (mt51-91)  
Cross Section

48-Cd-113  
-7.546 To 1553. %



49

Incident Energy (eV)

48-Cd-113

MAT 4846

Dpa disappearance (mt102 -120)  
Cross Section

48-Cd-113  
-83.65 To 9999. %

