

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

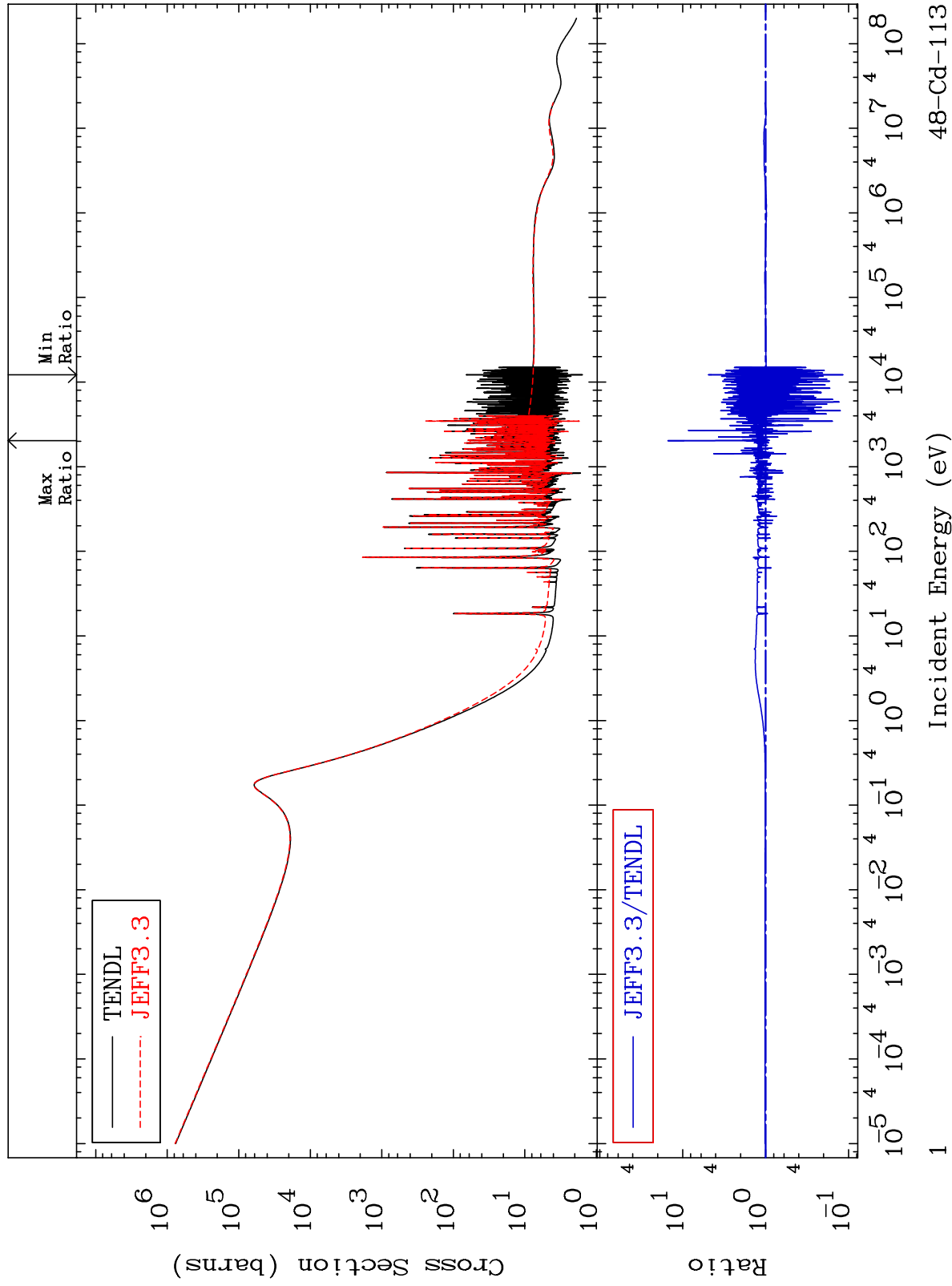
MAT 4846

Total

48-Cd-113

Cross Section

-88.26 To 1401. %



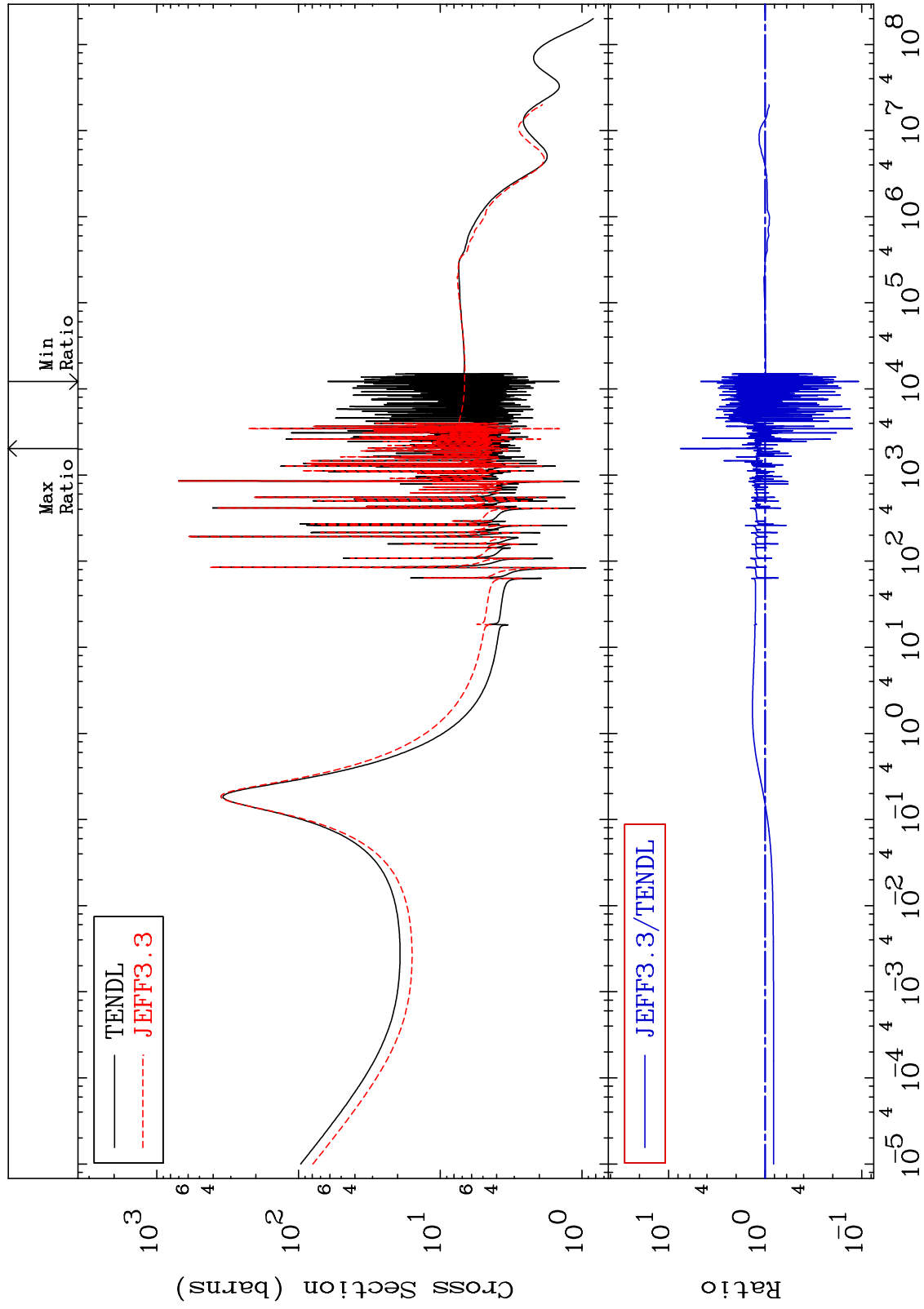
Incident Energy (eV)

48-Cd-113

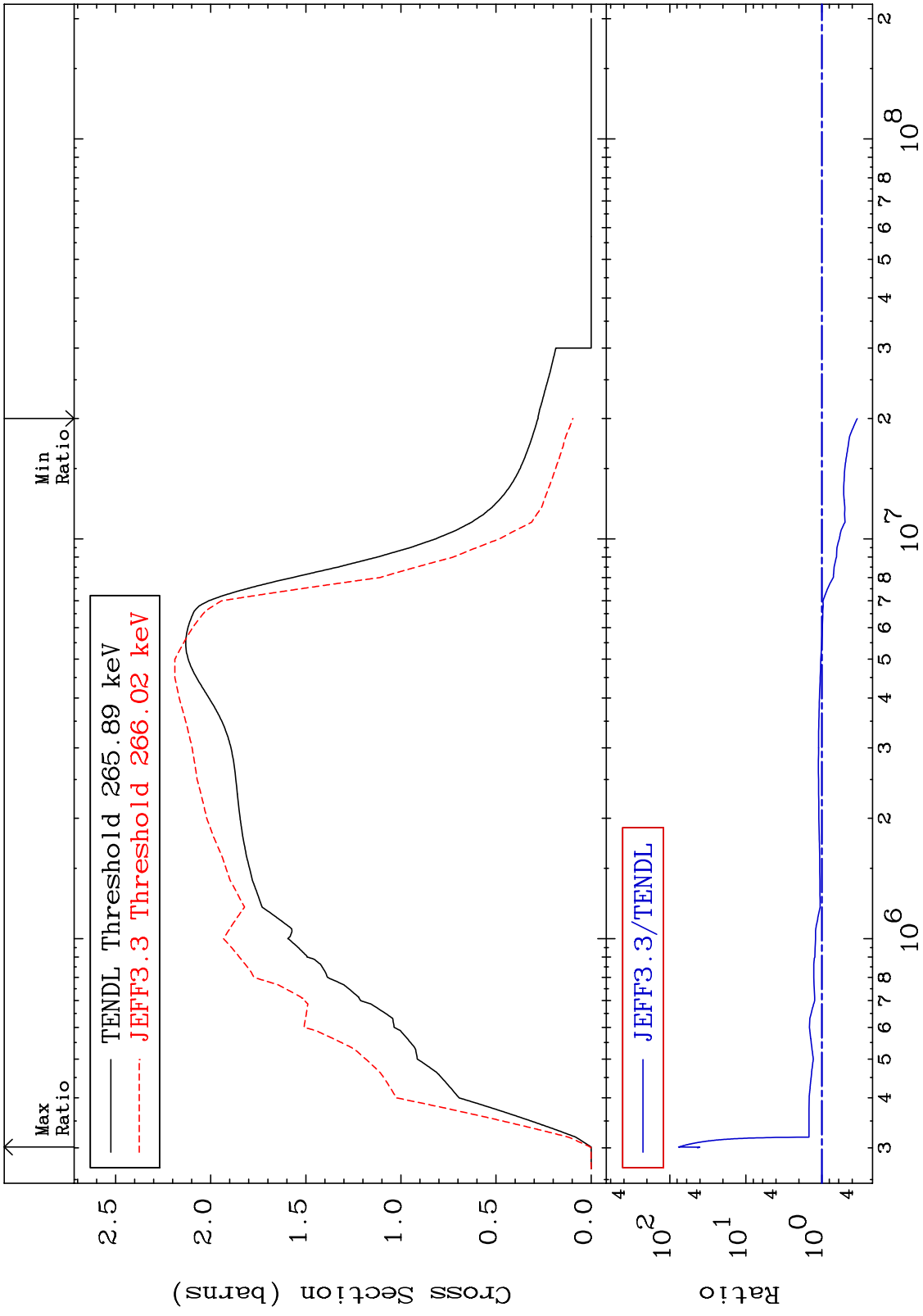
MAT 4846

Elastic  
Cross Section

48-Cd-113  
-89.20 To 653.8 %



MAT 4846 Inelastic Cross Section 48-Cd-113 -65.75 To 7539. %



3 Incident Energy (eV) 48-Cd-113

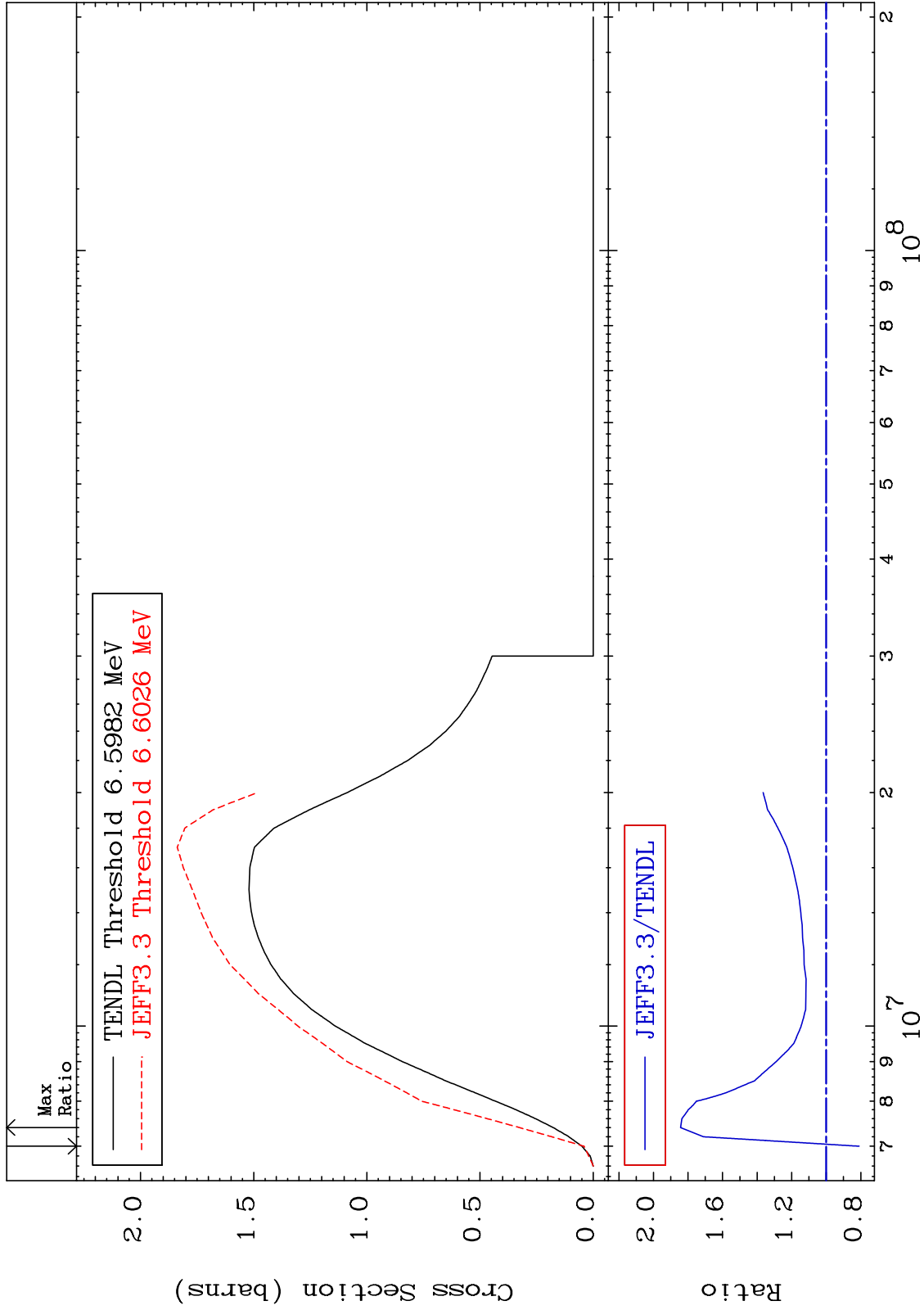
MAT 4846

(n, 2n)

48-Cd-113

Cross Section

-19.08 To 84.27 %



MAT 4846

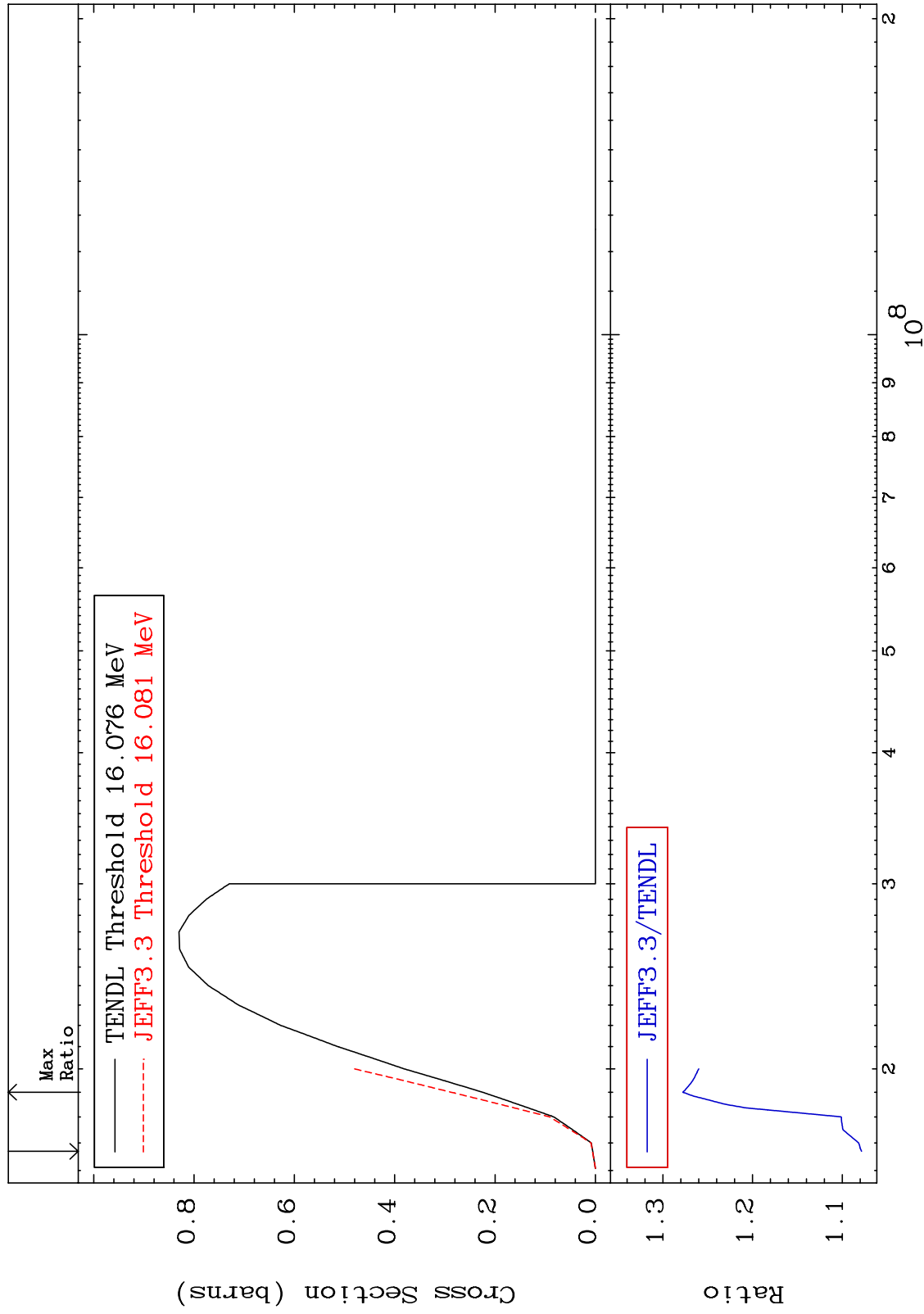
(n, 3n)

48-Cd-113

Cross Section

7.846

To 27.77 %



5

Incident Energy (eV)

48-Cd-113

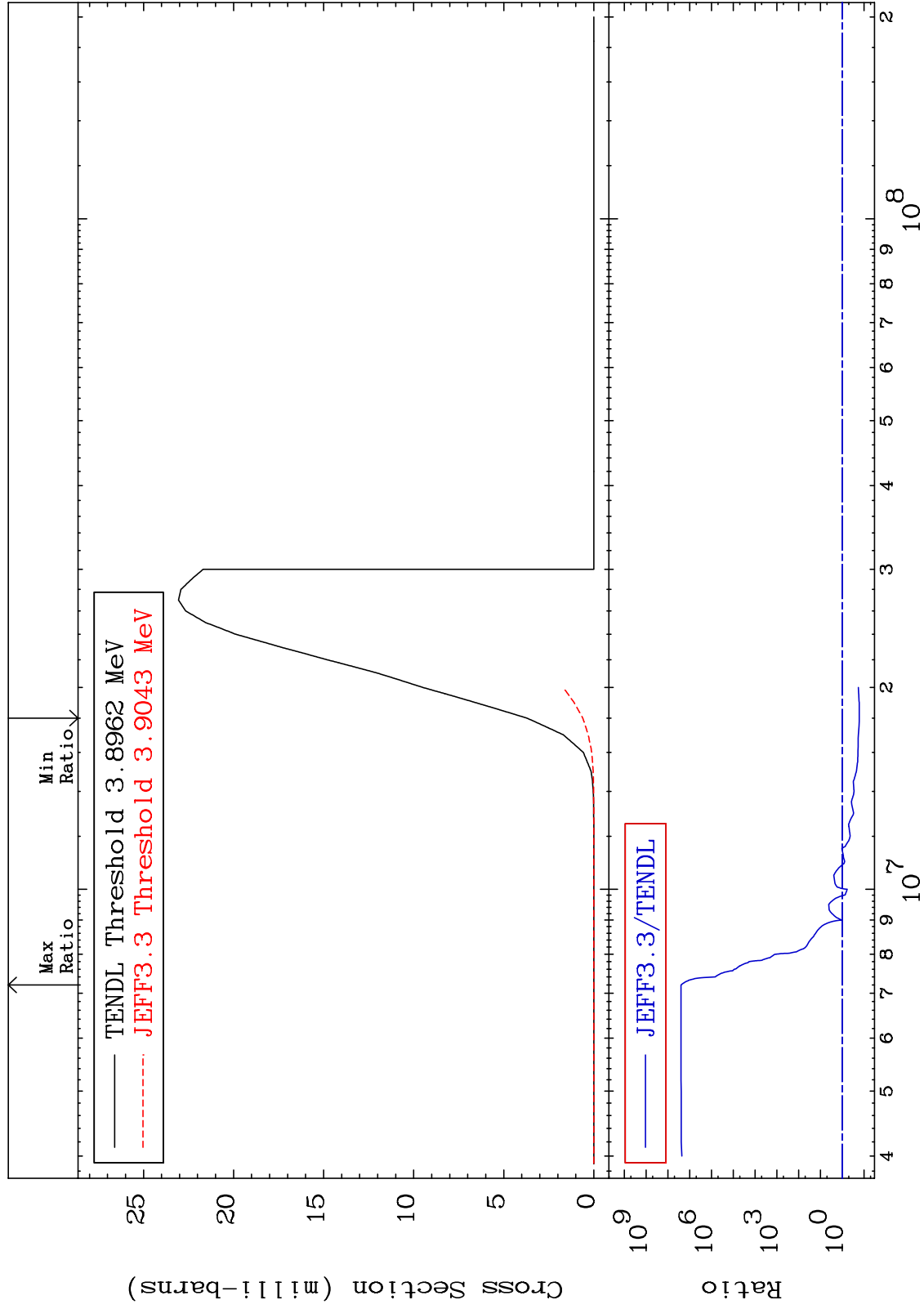
MAT 4846

(n, n')  $\alpha$

48-Cd-113

-83.59 To 9999. %

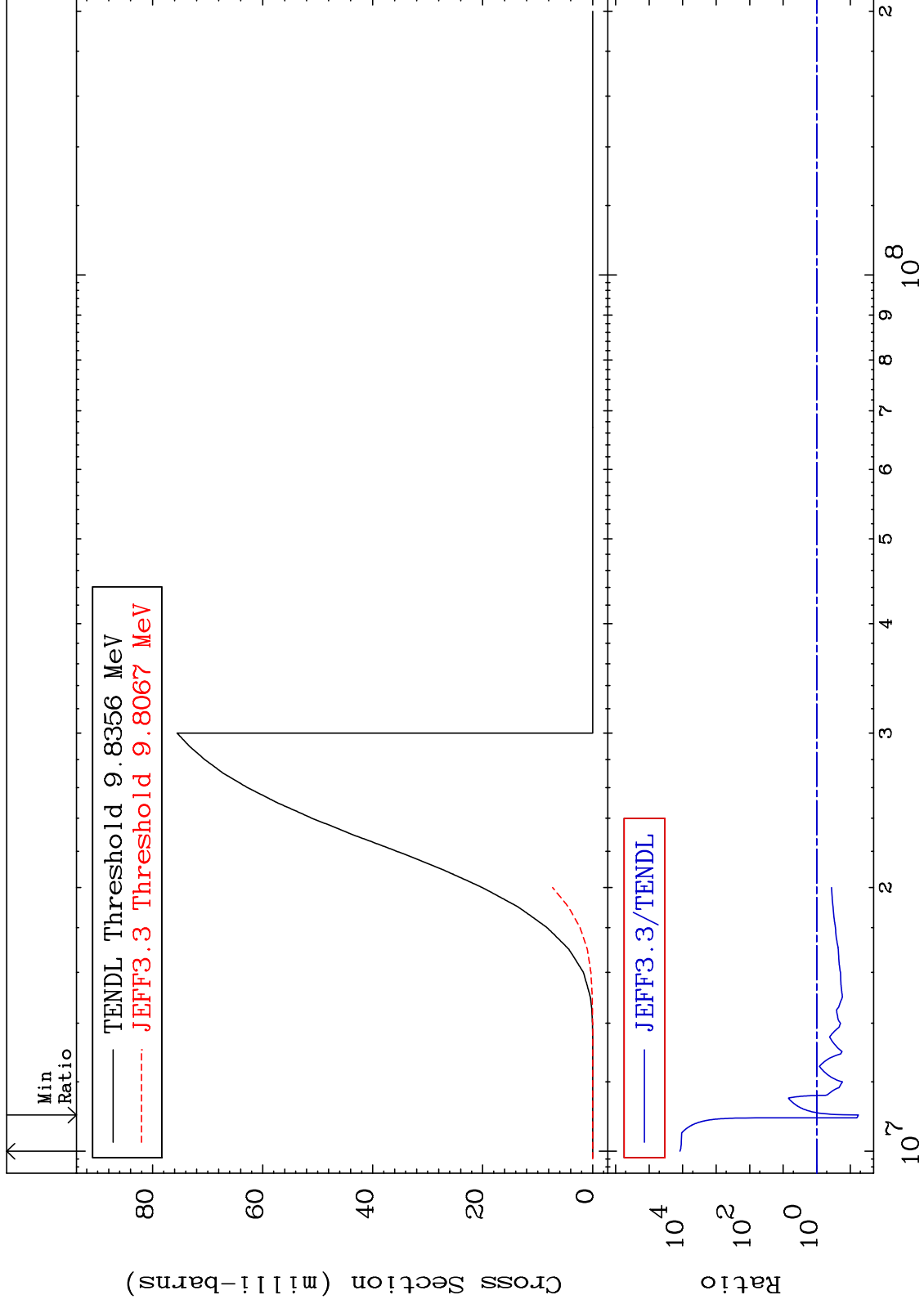
Cross Section



MAT 4846

(n,n') p  
Cross Section

48-Cd-113  
-94.28 To 9999. %



Incident Energy (eV)

48-Cd-113



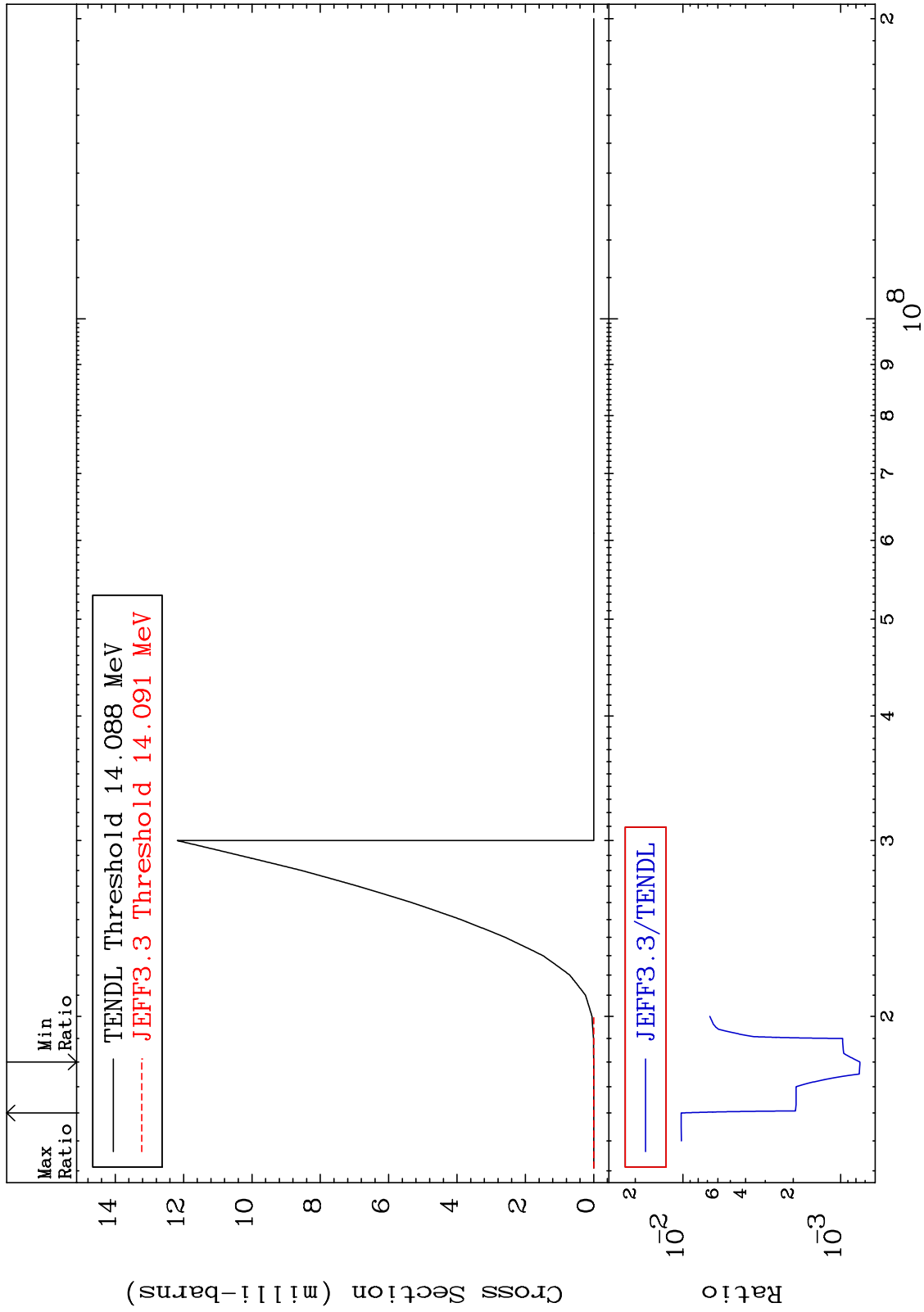
MAT 4846

(n,n') d

48-Cd-113

Cross Section

-99.92 To -98.98%



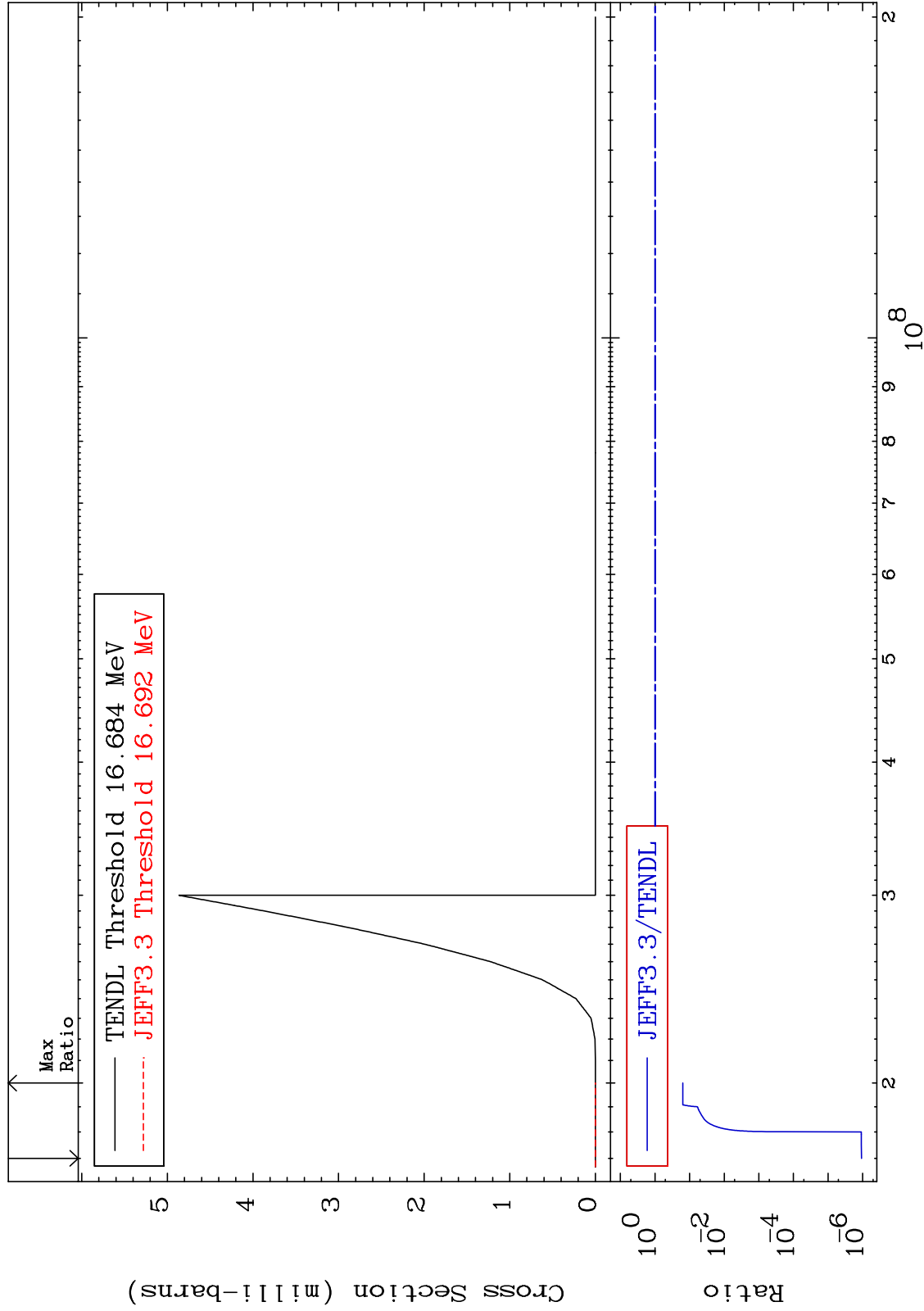
MAT 4846

(n, n') t

48-Cd-113

Cross Section

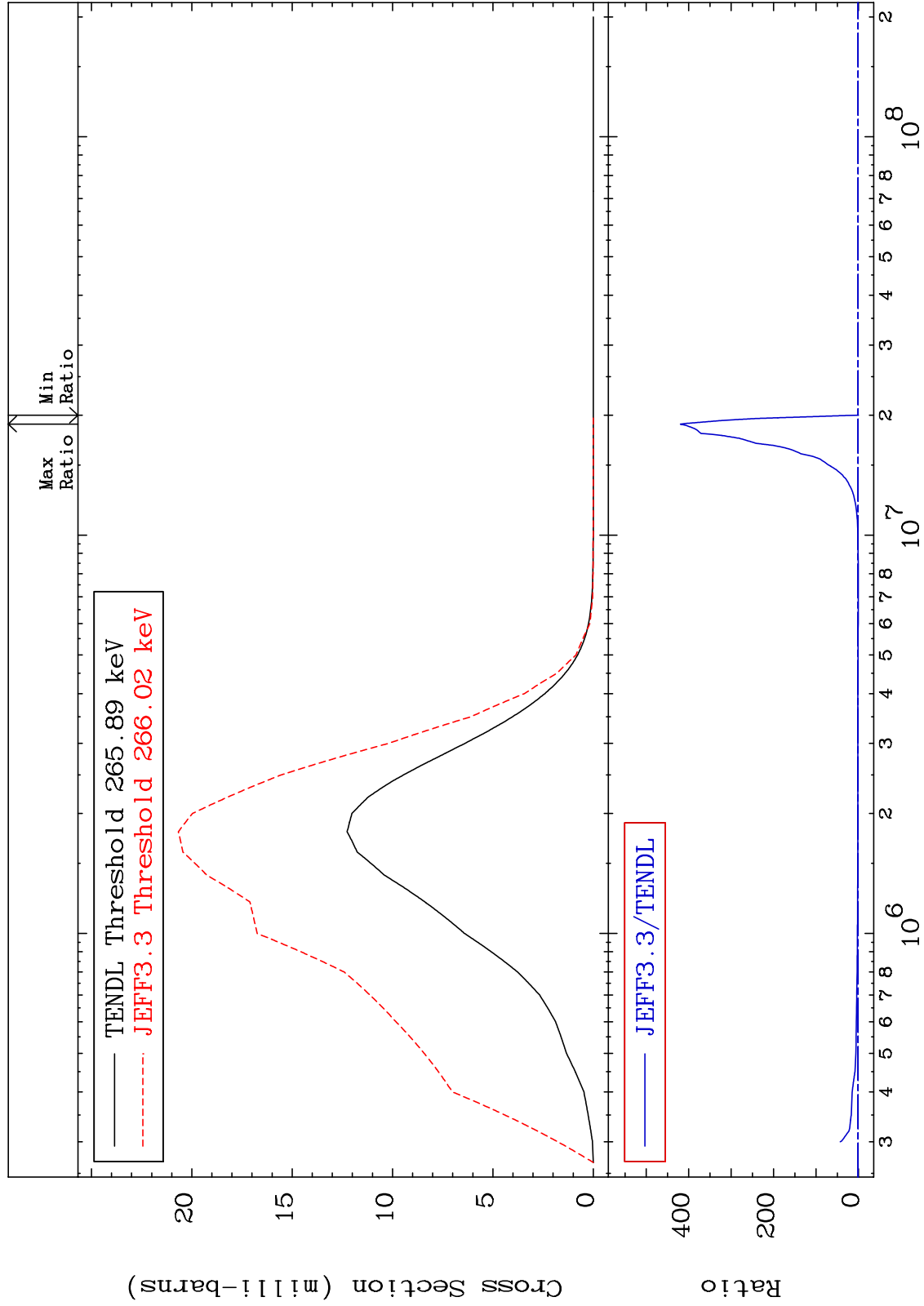
-100.0 To -84.33%



MAT 4846

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

48-Cd-113  
-100.0 To 9999. %

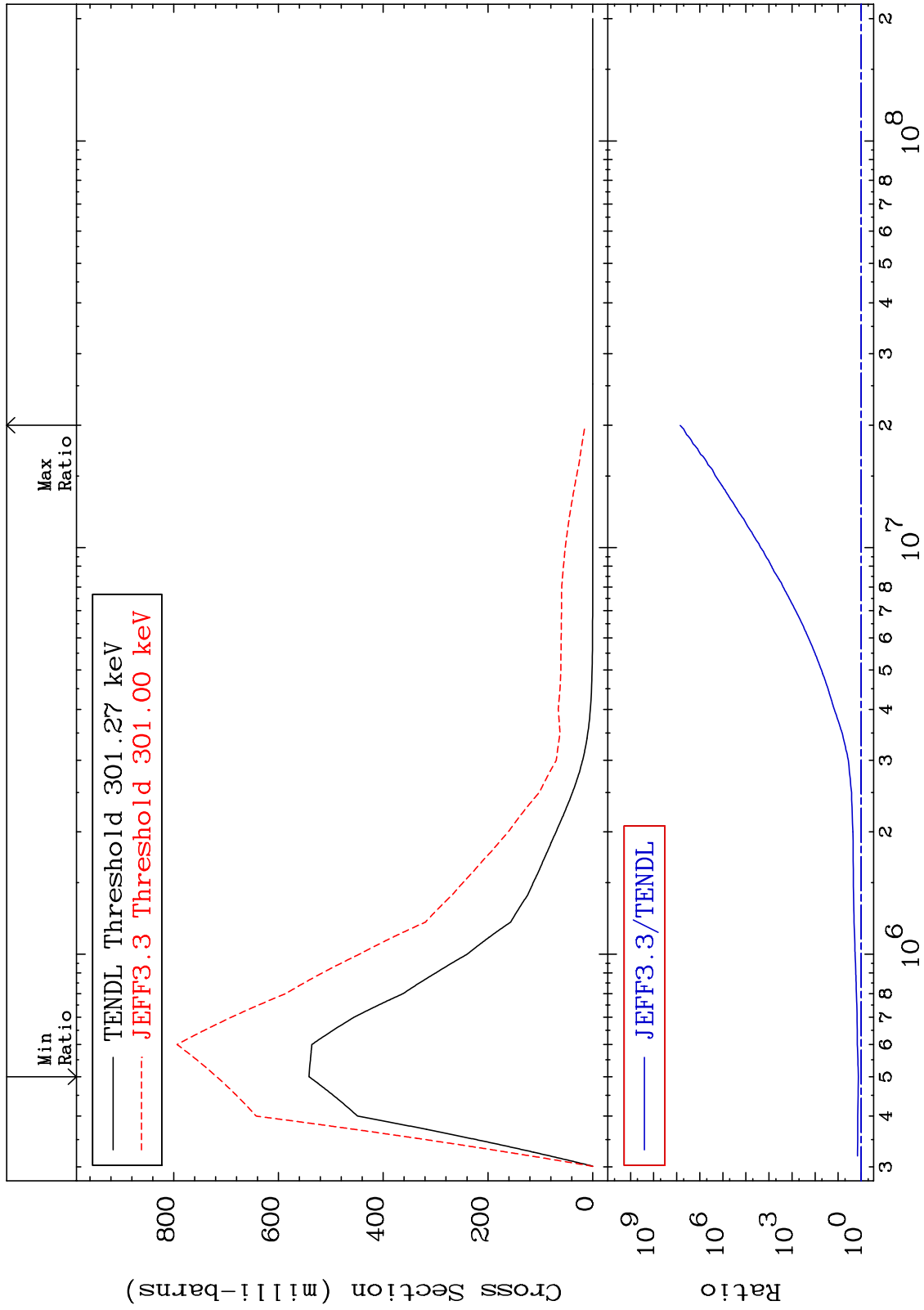


10

Incident Energy (eV)

48-Cd-113

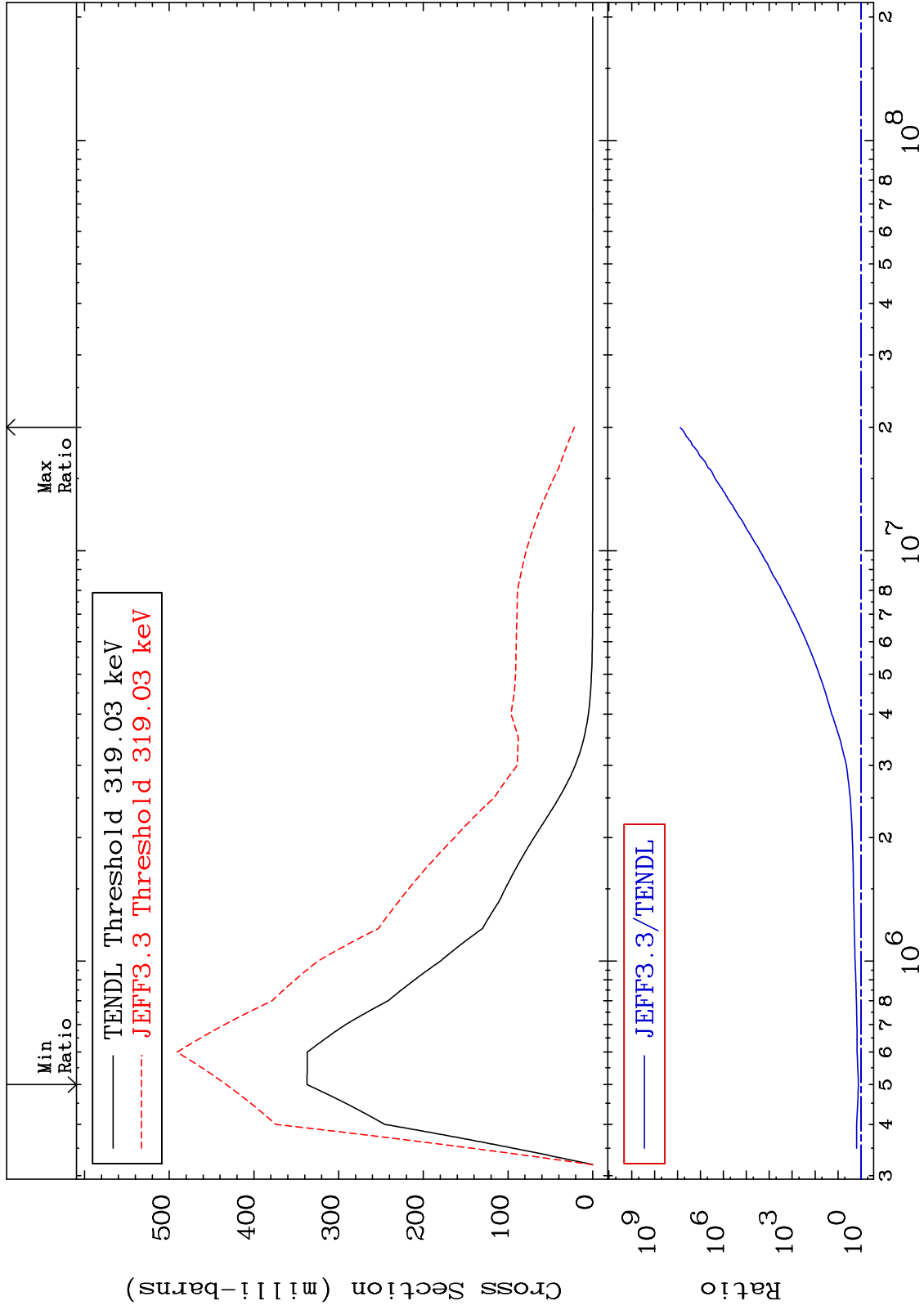
MAT 4846      MT= 52 (n,n') Level Cross Section      48-Cd-113  
 32.52 To 9999. %



MAT 4846

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

48-Cd-113  
28.26 To 9999. %



12

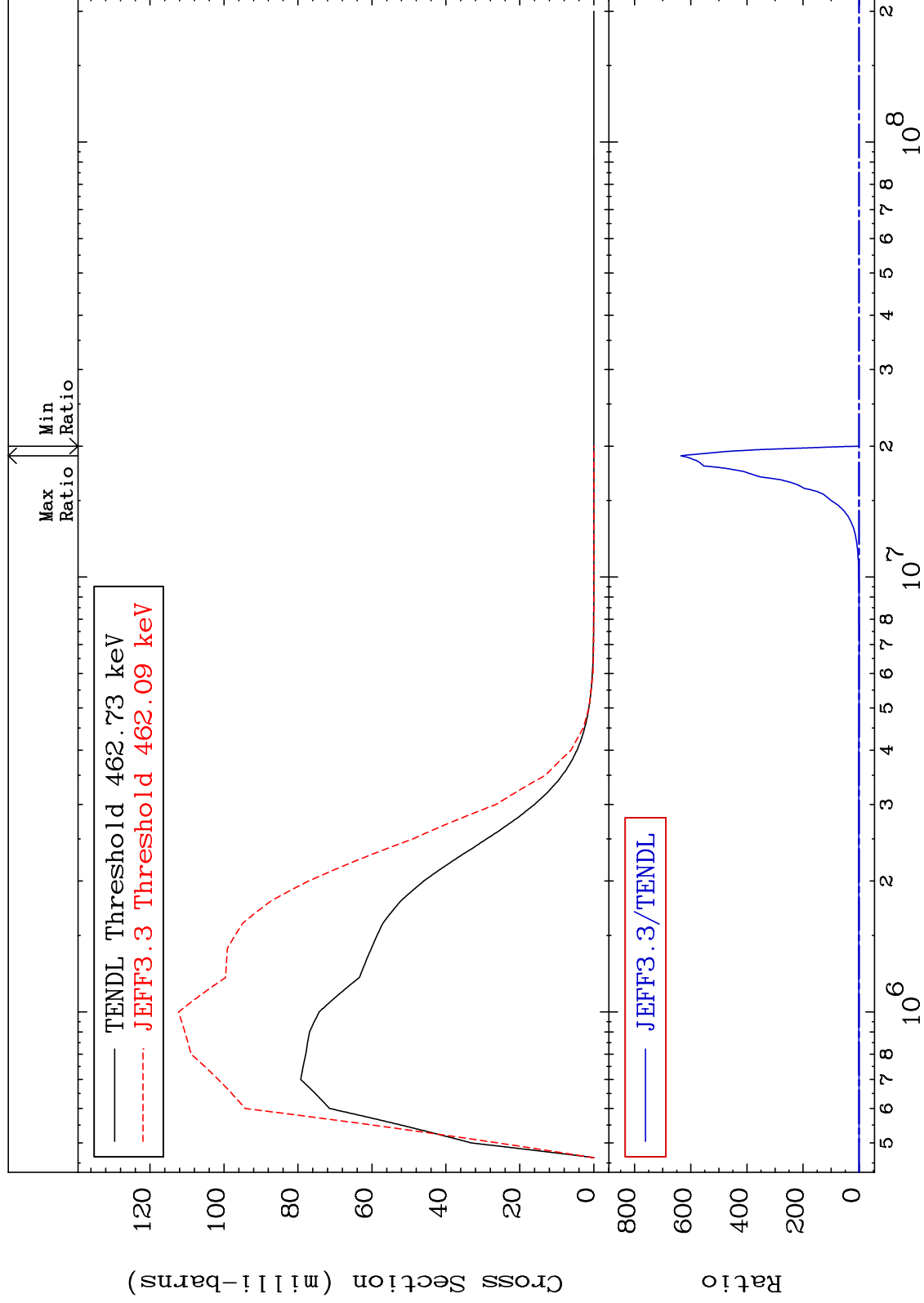
Incident Energy (eV)

48-Cd-113

MAT 4846

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

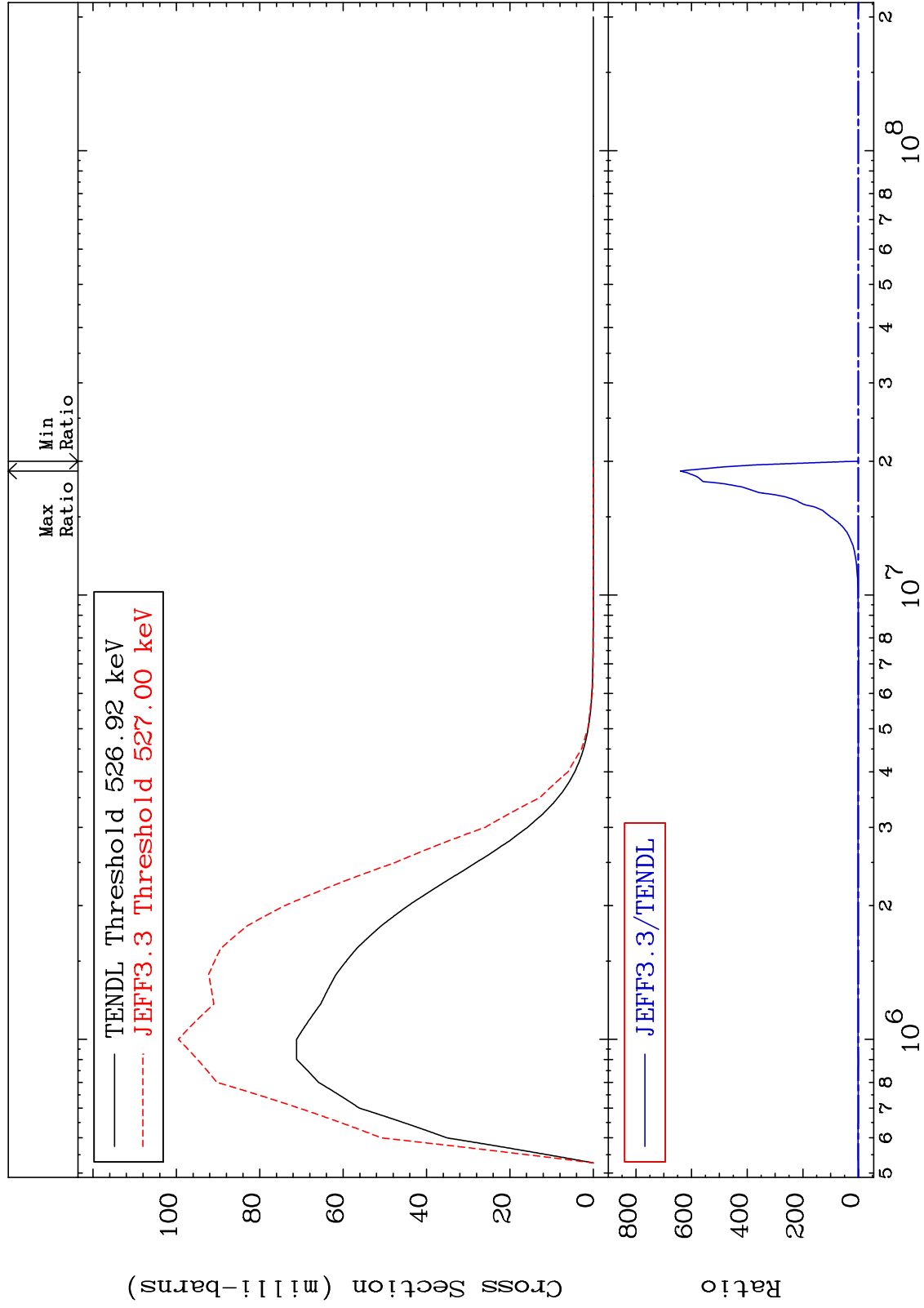
48-Cd-113  
-100.0 To 9999. %



MAT 4846

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

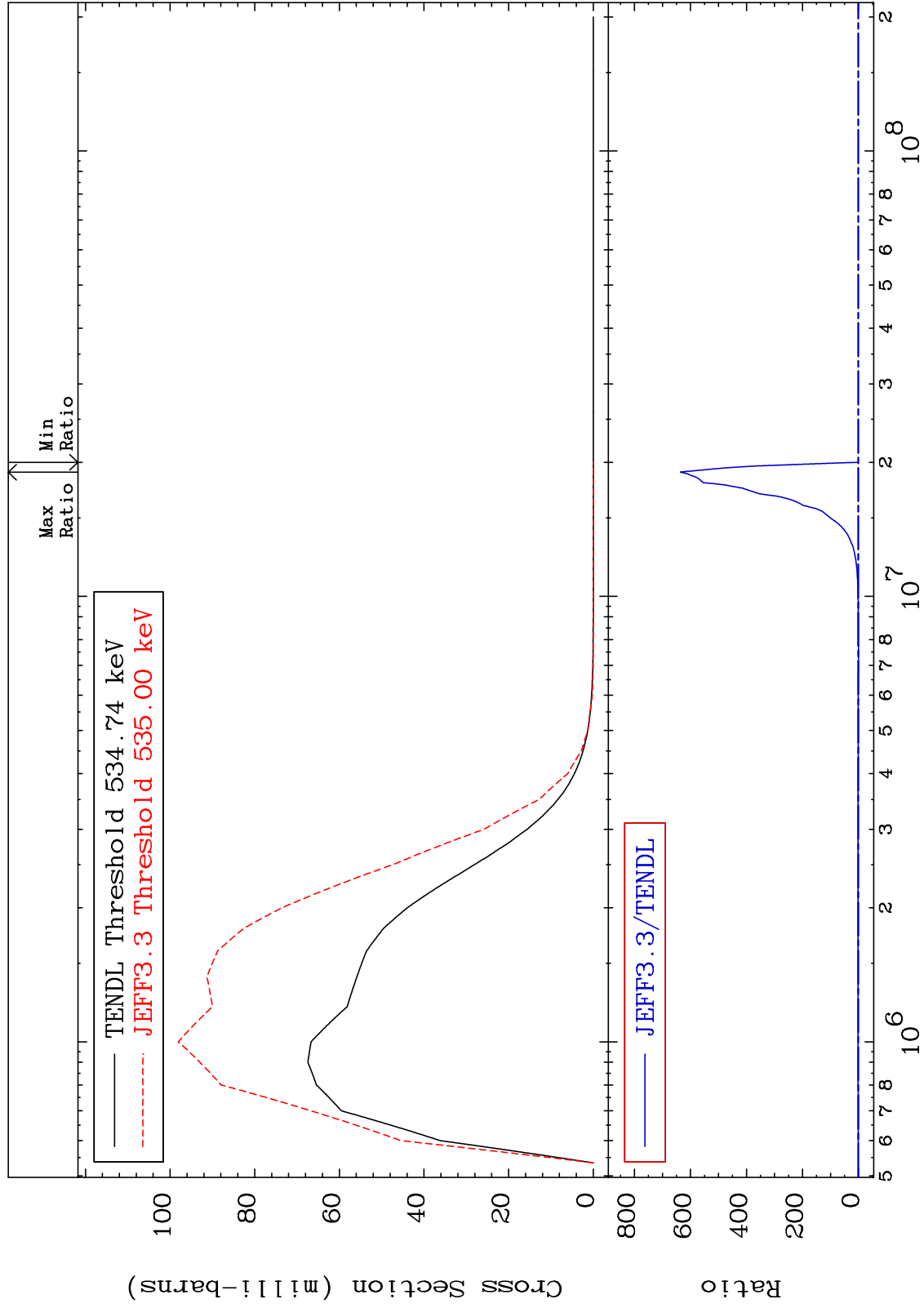
48-Cd-113  
-100.0 To 9999. %



MAT 4846

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

48-Cd-113  
-100.0 To 9999. %



15

Incident Energy (eV)

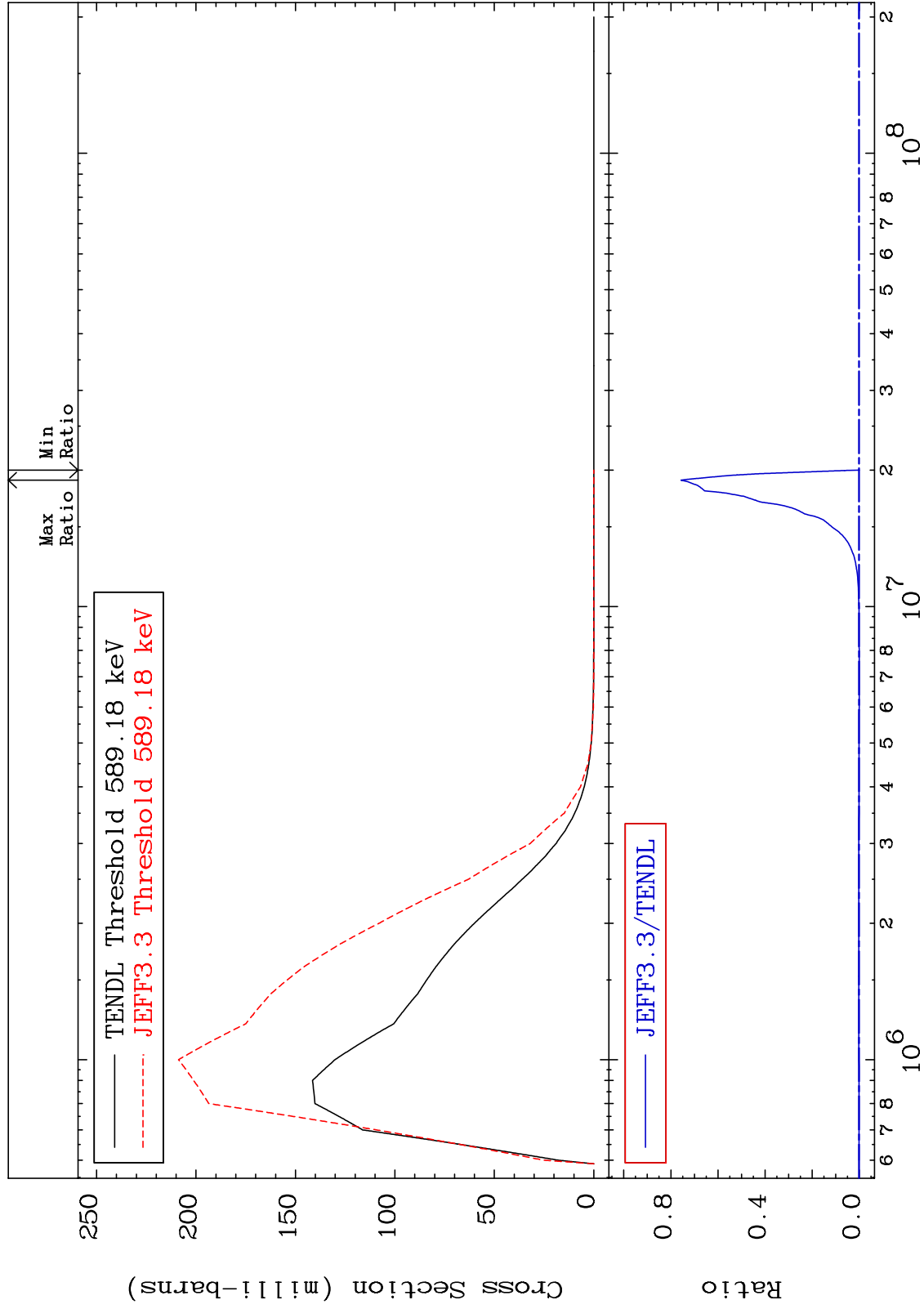
48-Cd-113



MAT 4846

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

48-Cd-113  
-100.0 To 9999. %



16

48-Cd-113

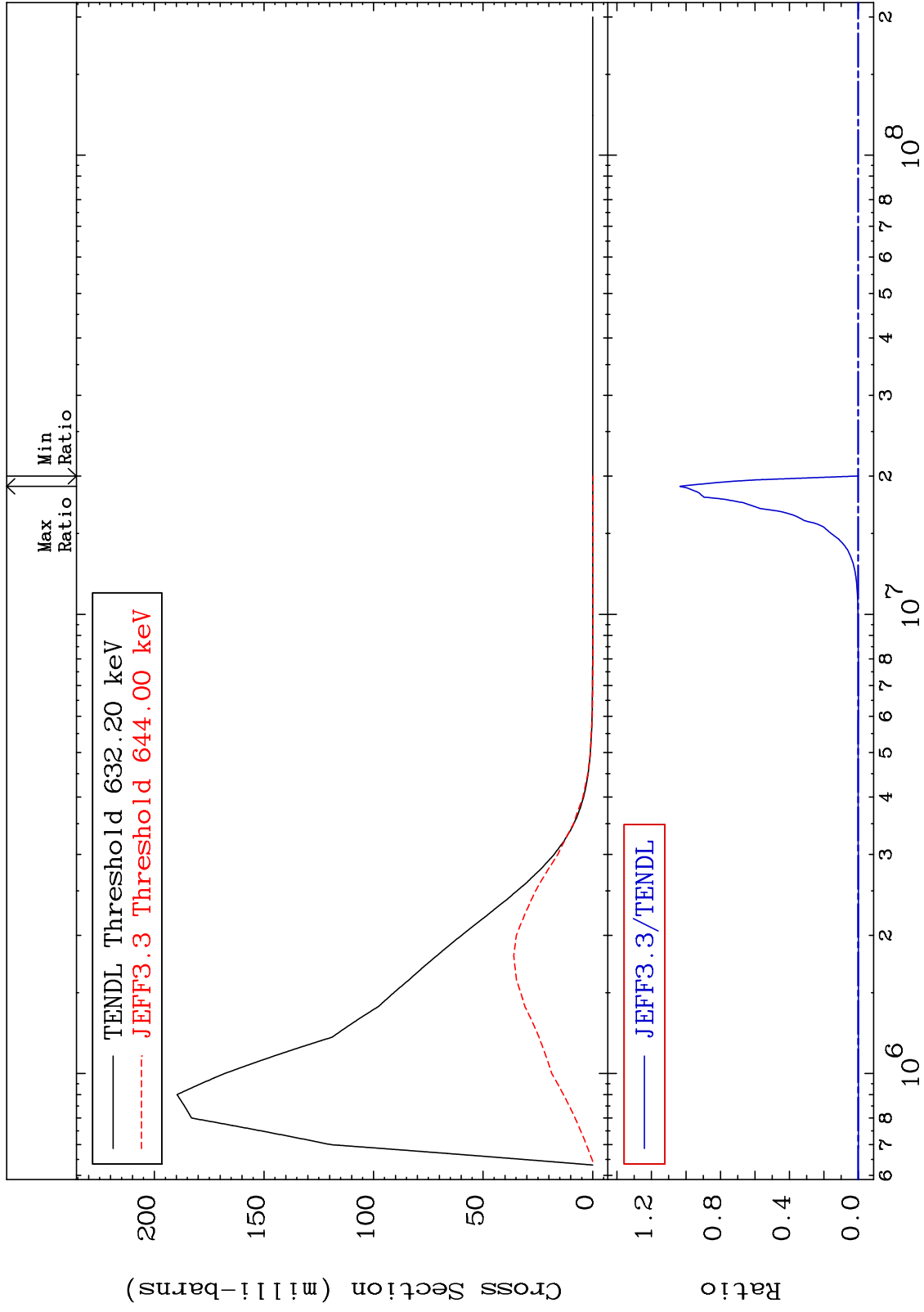
MAT 4846

MT= 58 (n,n') Level

48-Cd-113

-100.0 To 9999. %

Cross Section



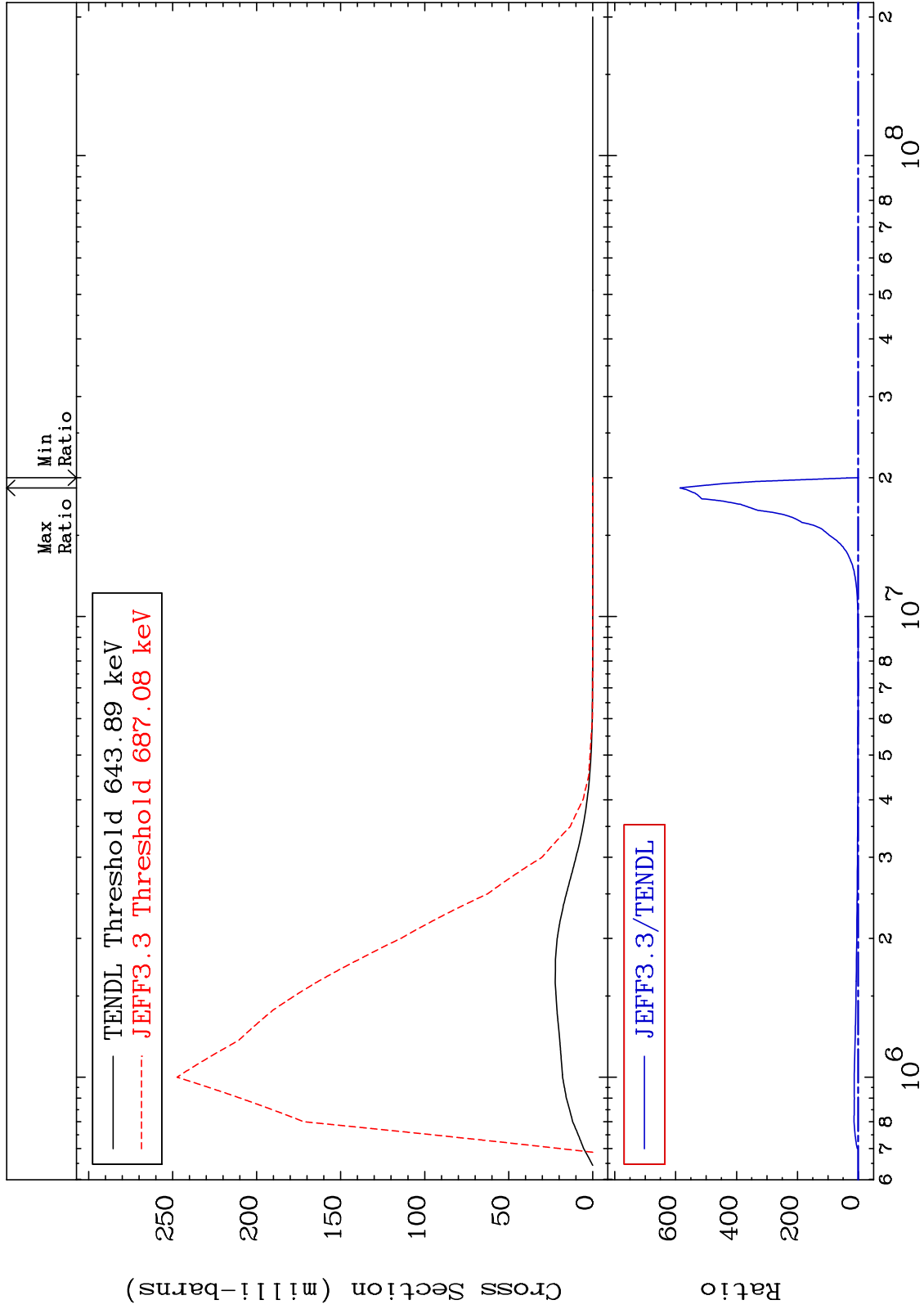
17

48-Cd-113

MAT 4846

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

48-Cd-113  
-100.0 To 9999. %



18

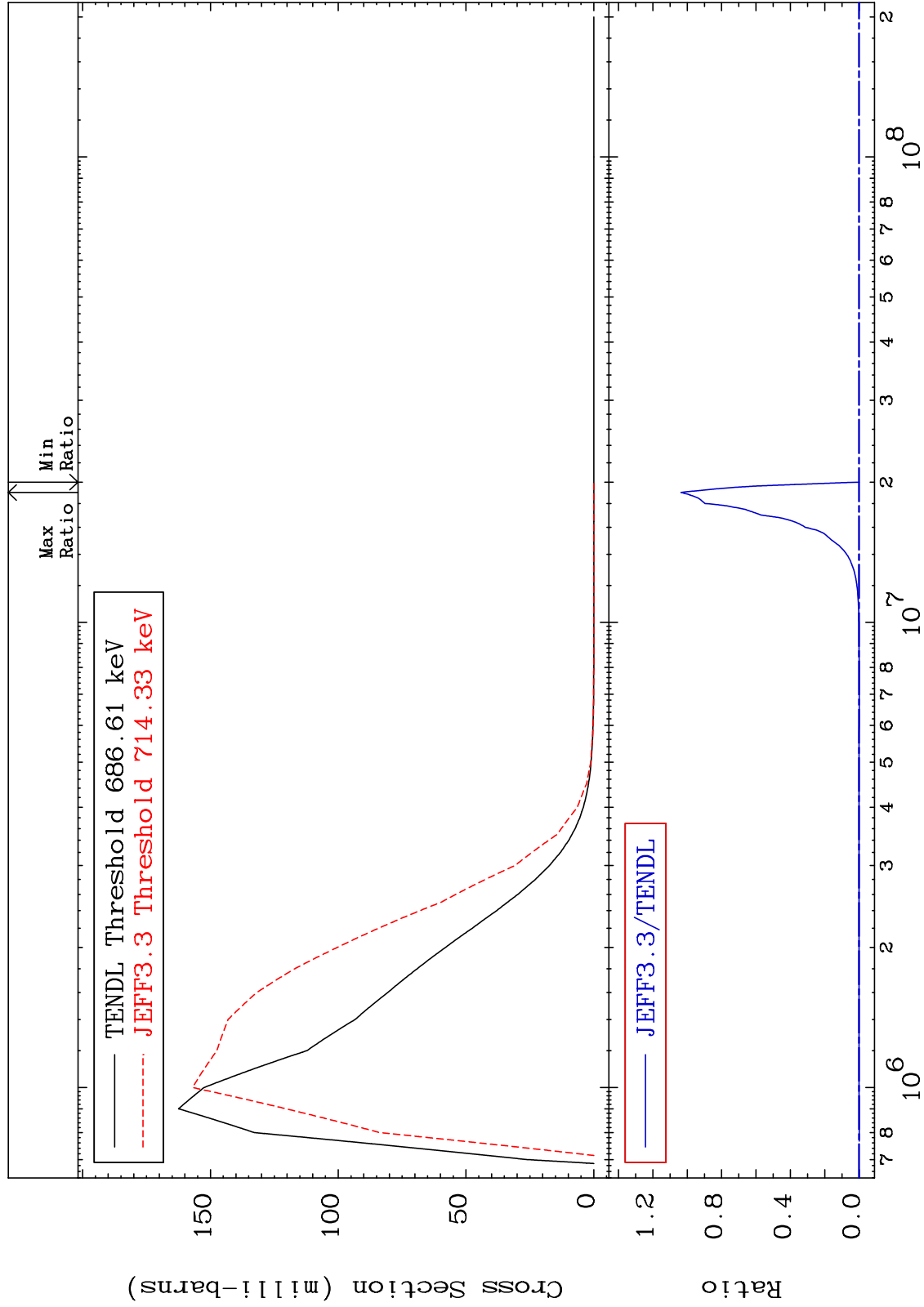
Incident Energy (eV)

48-Cd-113

MAT 4846

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

48-Cd-113  
-100.0 To 9999. %



19

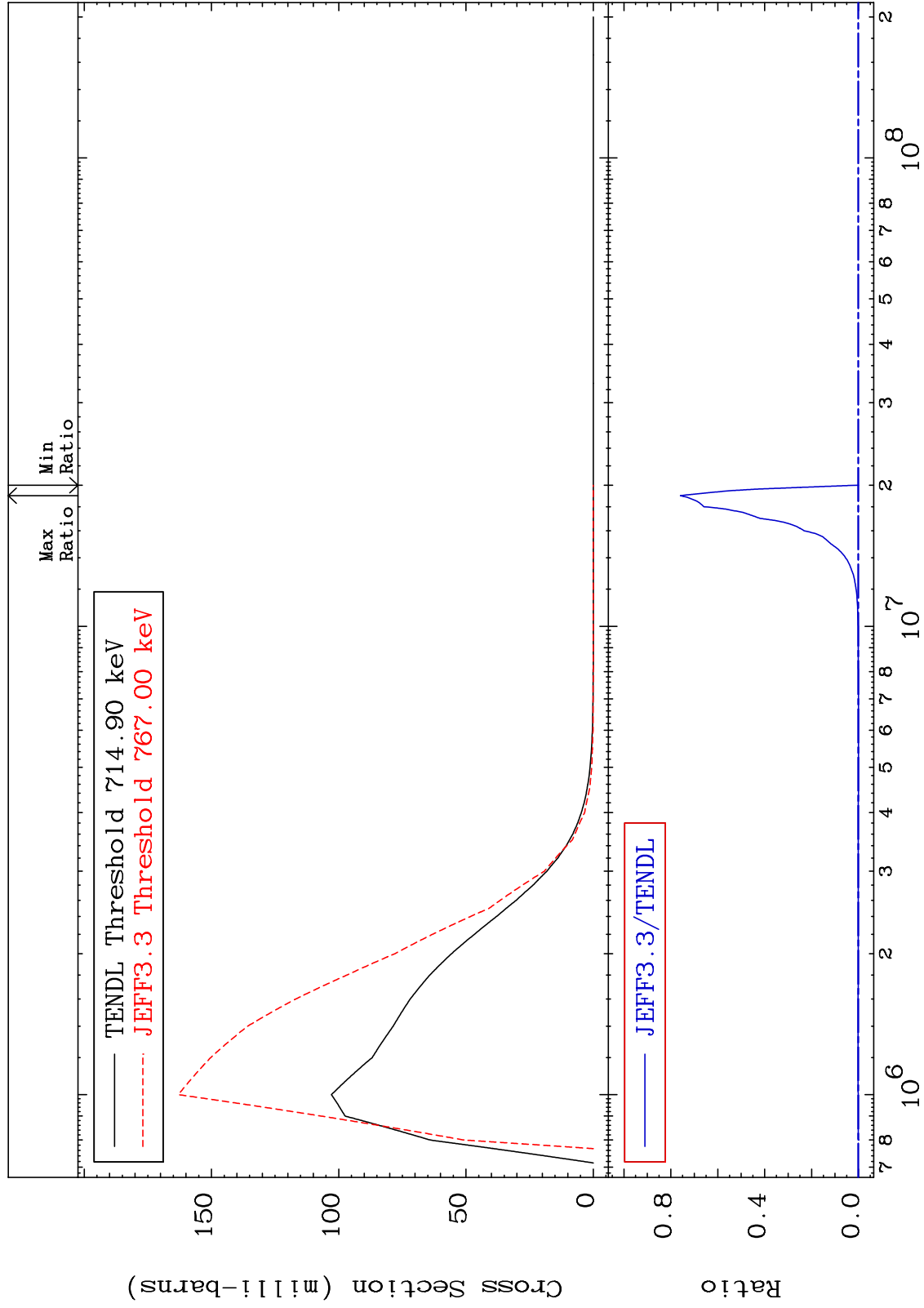
Incident Energy (eV)

48-Cd-113

MAT 4846

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

48-Cd-113  
-100.0 To 9999. %



20

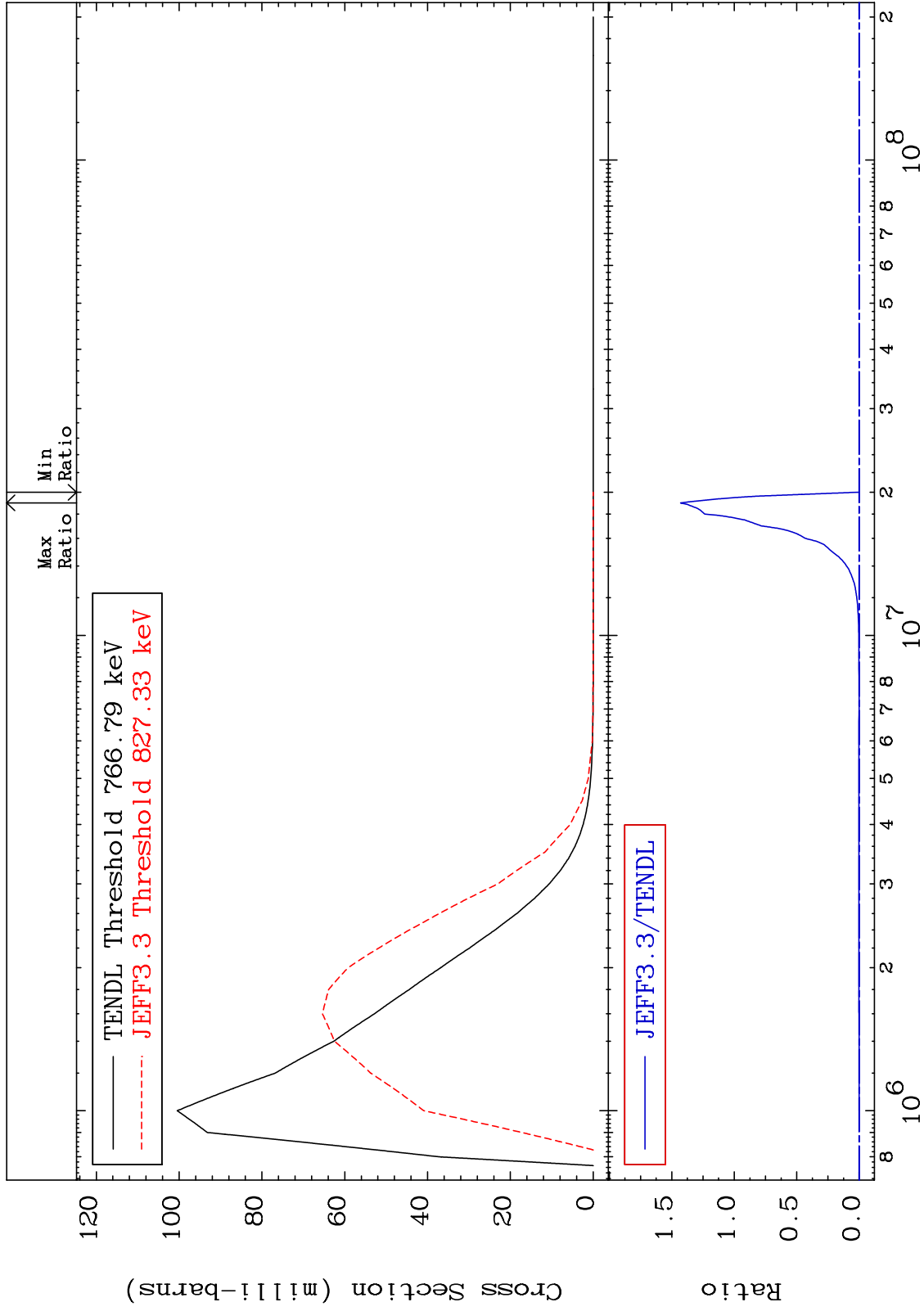
Incident Energy (eV)

48-Cd-113

MAT 4846

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

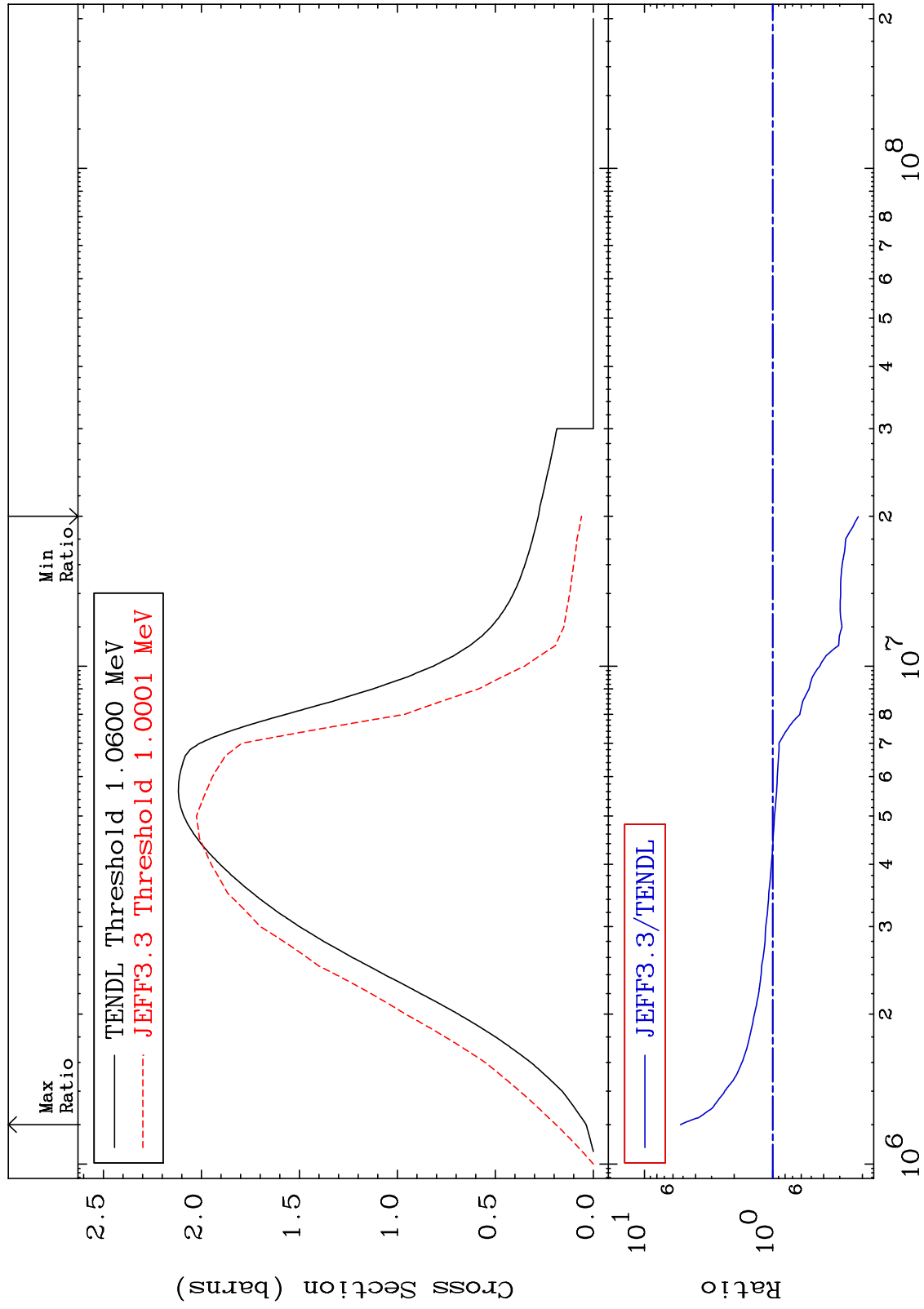
48-Cd-113  
-100.0 To 9999. %



MAT 4846

(n, n') Continuum  
Cross Section

48-Cd-113  
-78.59 To 424.4 %



22

Incident Energy (eV)

48-Cd-113

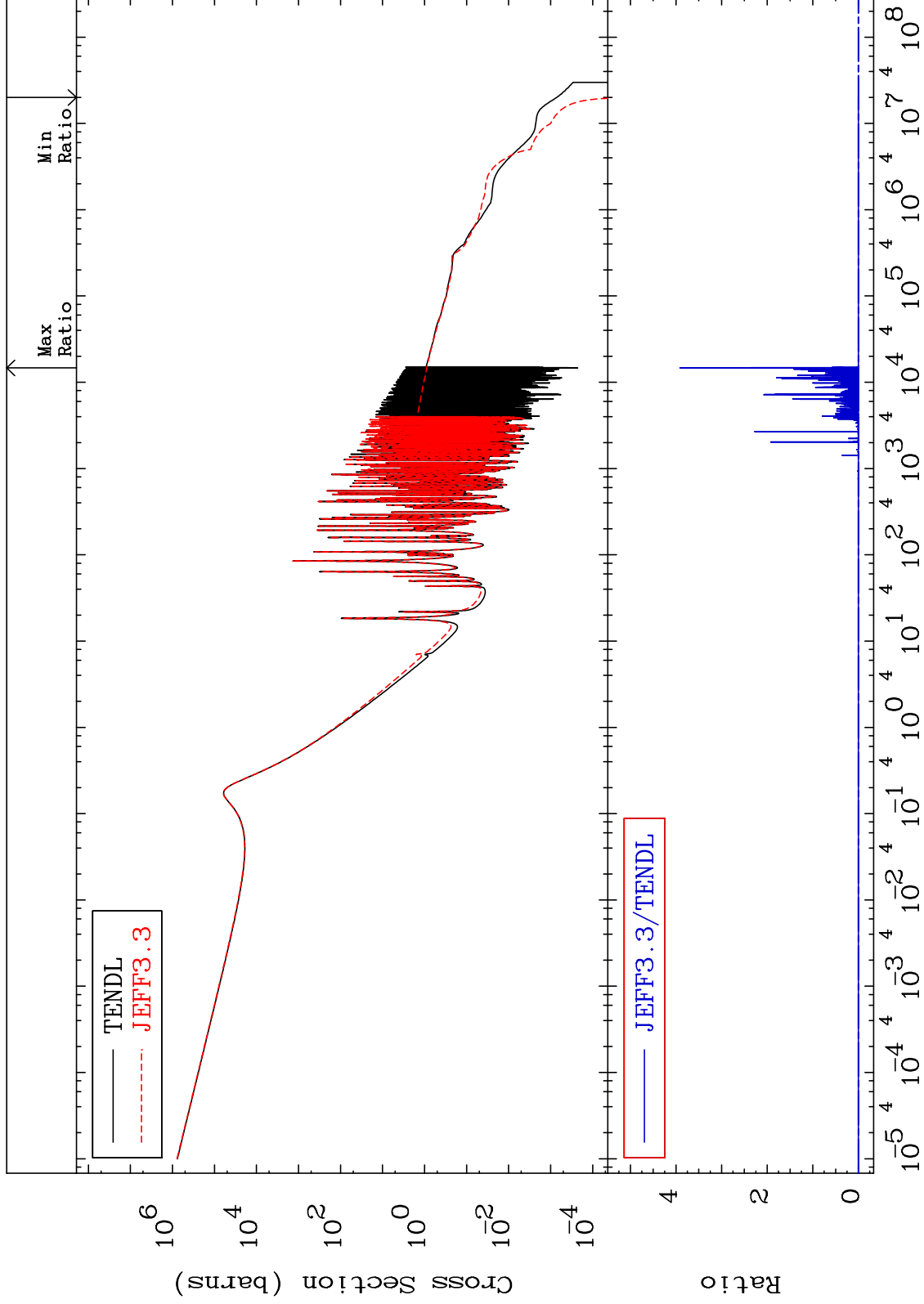
MAT 4846

(n,  $\gamma$ )

48-Cd-113

Cross Section

-100.0 To 9999. %





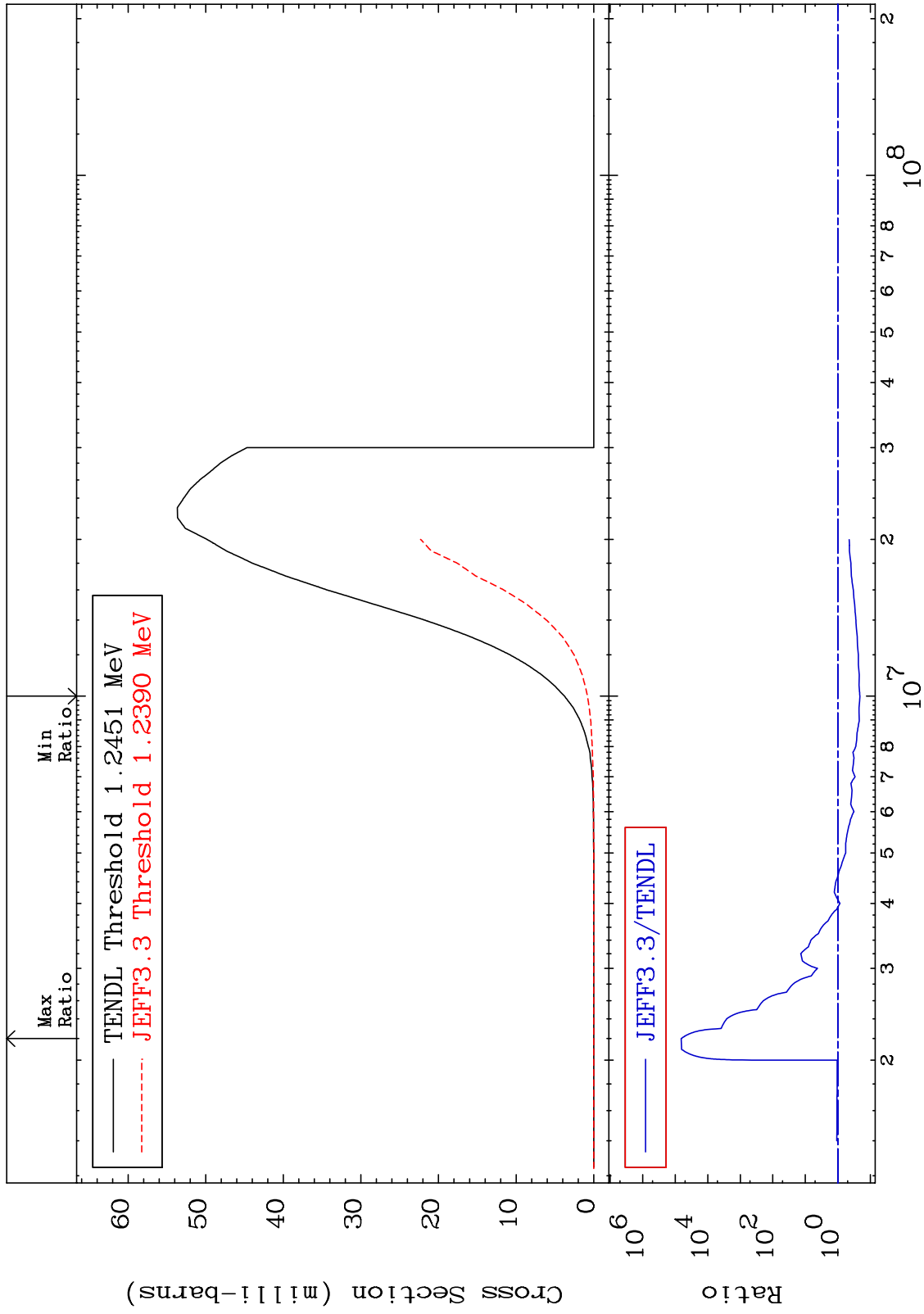
MAT 4846

(n,p)

48-Cd-113

-79.01 To 9999. %

Cross Section



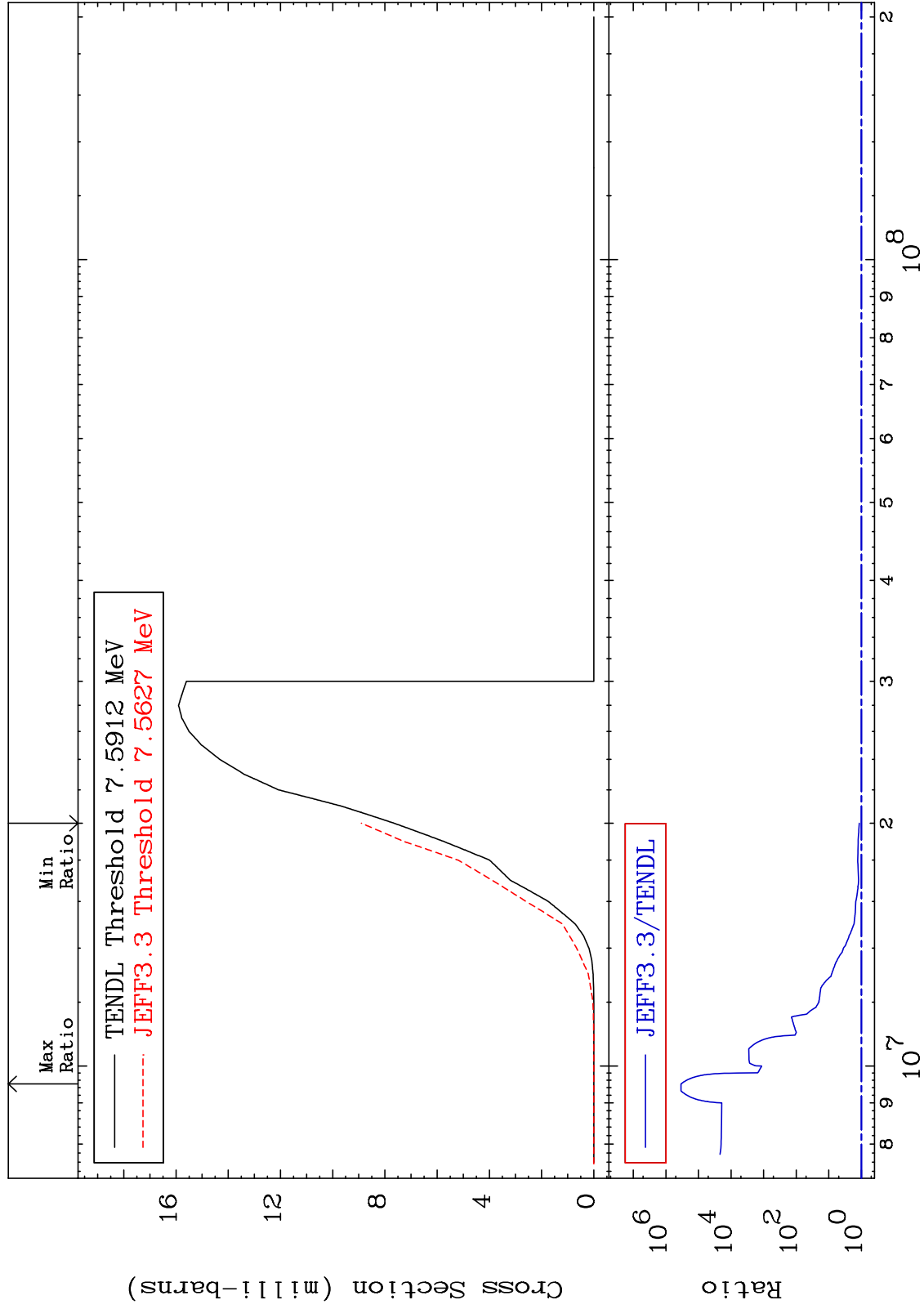
MAT 4846

(n, d)

48-Cd-113

Cross Section

16.37 To 9999. %



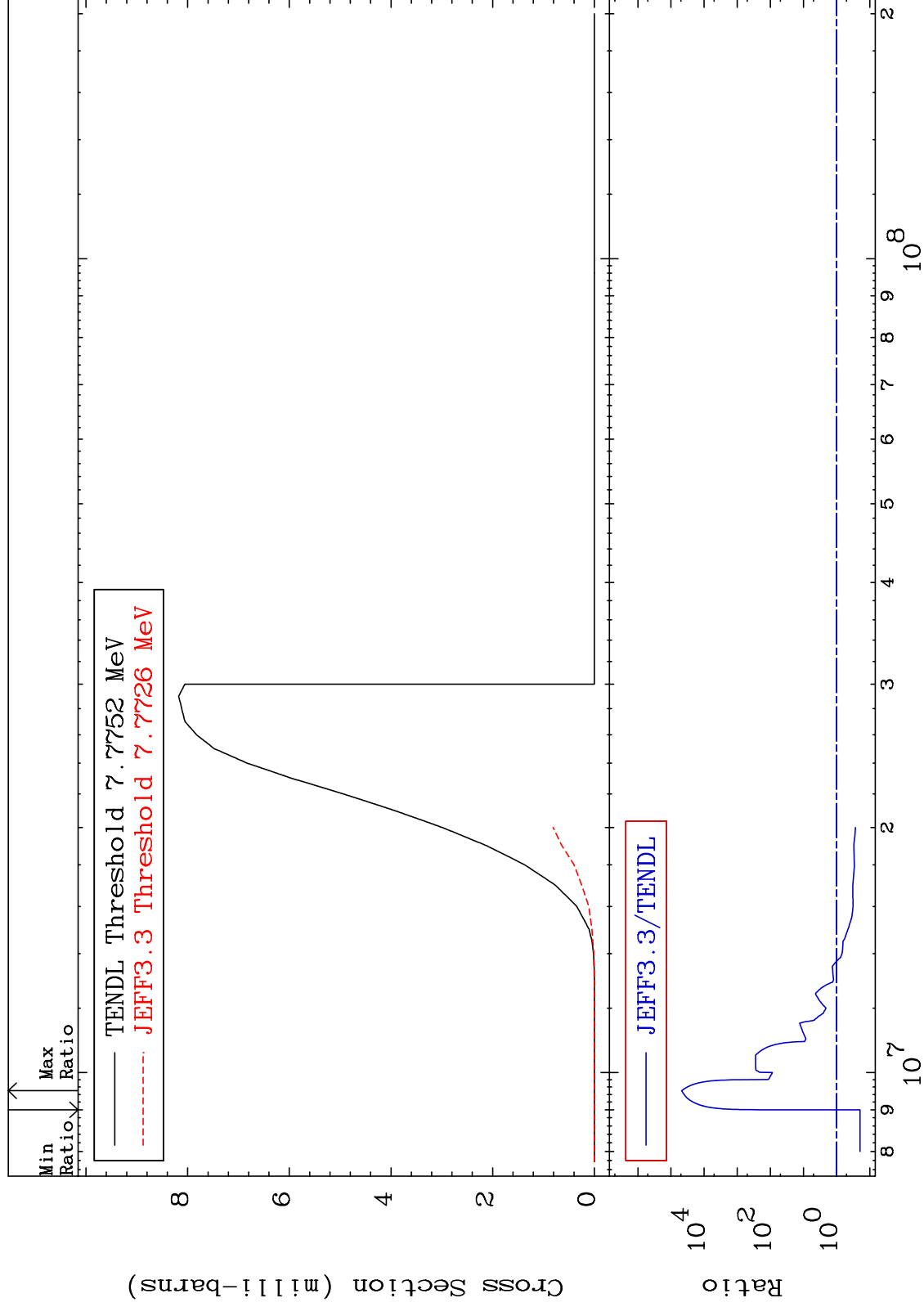
MAT 4846

(n, t)

48-Cd-113

Cross Section

-80.42 To 9999. %



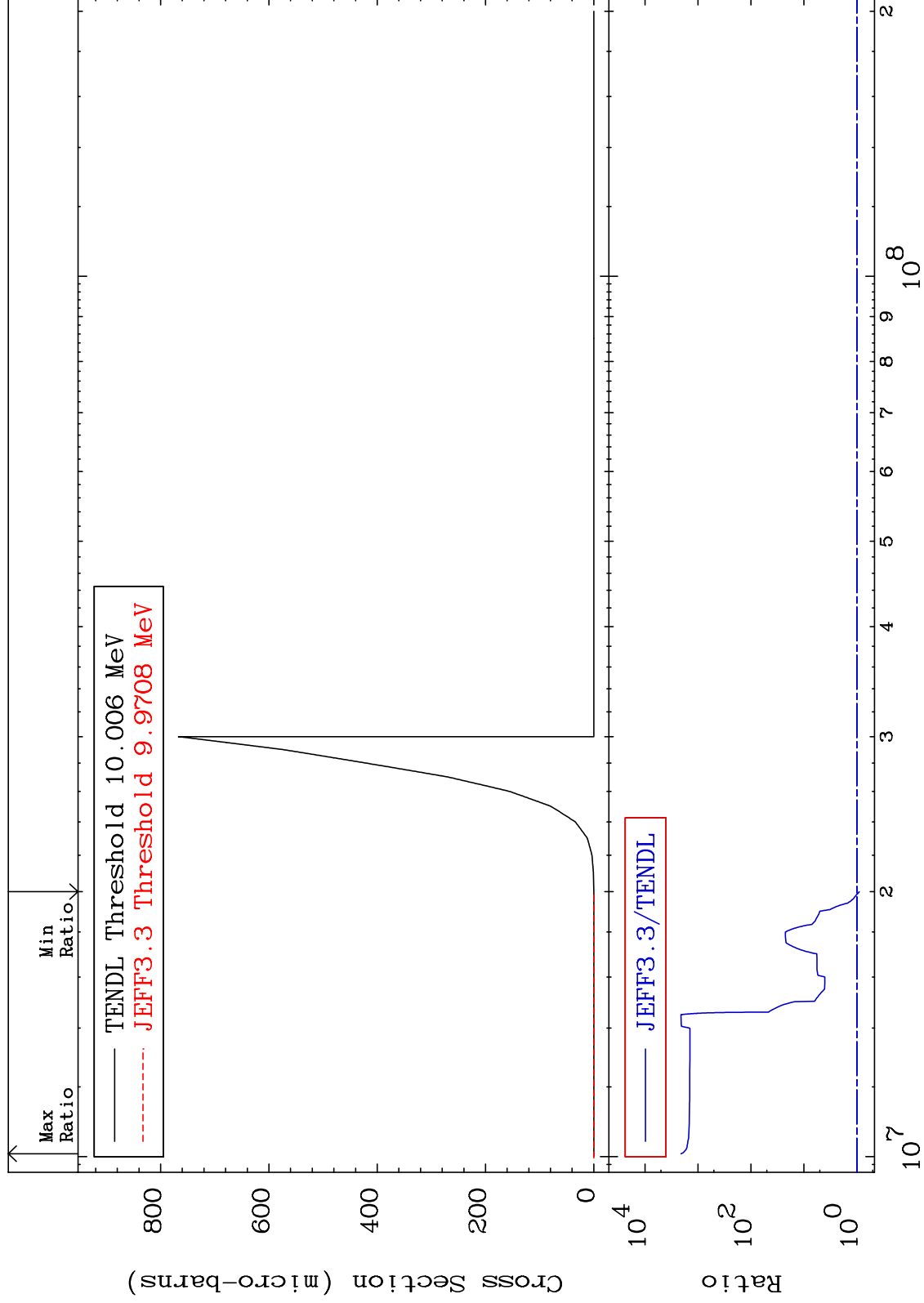
MAT 4846

(n, He-3)

48-Cd-113

Cross Section

-10.07 To 9999. %



27

Incident Energy (eV)

48-Cd-113

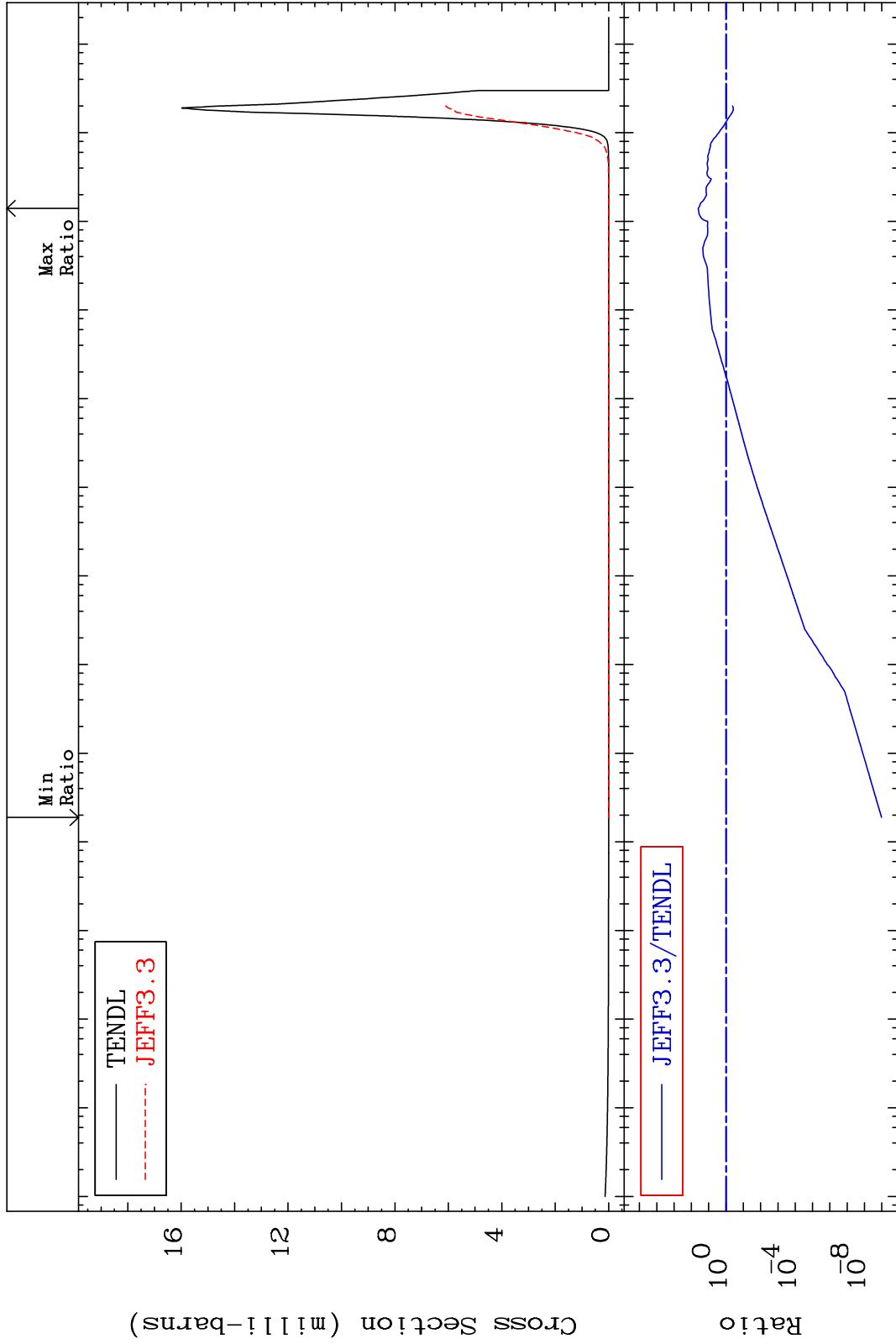
MAT 4846

(n,  $\alpha$ )

48-Cd-113

Cross Section

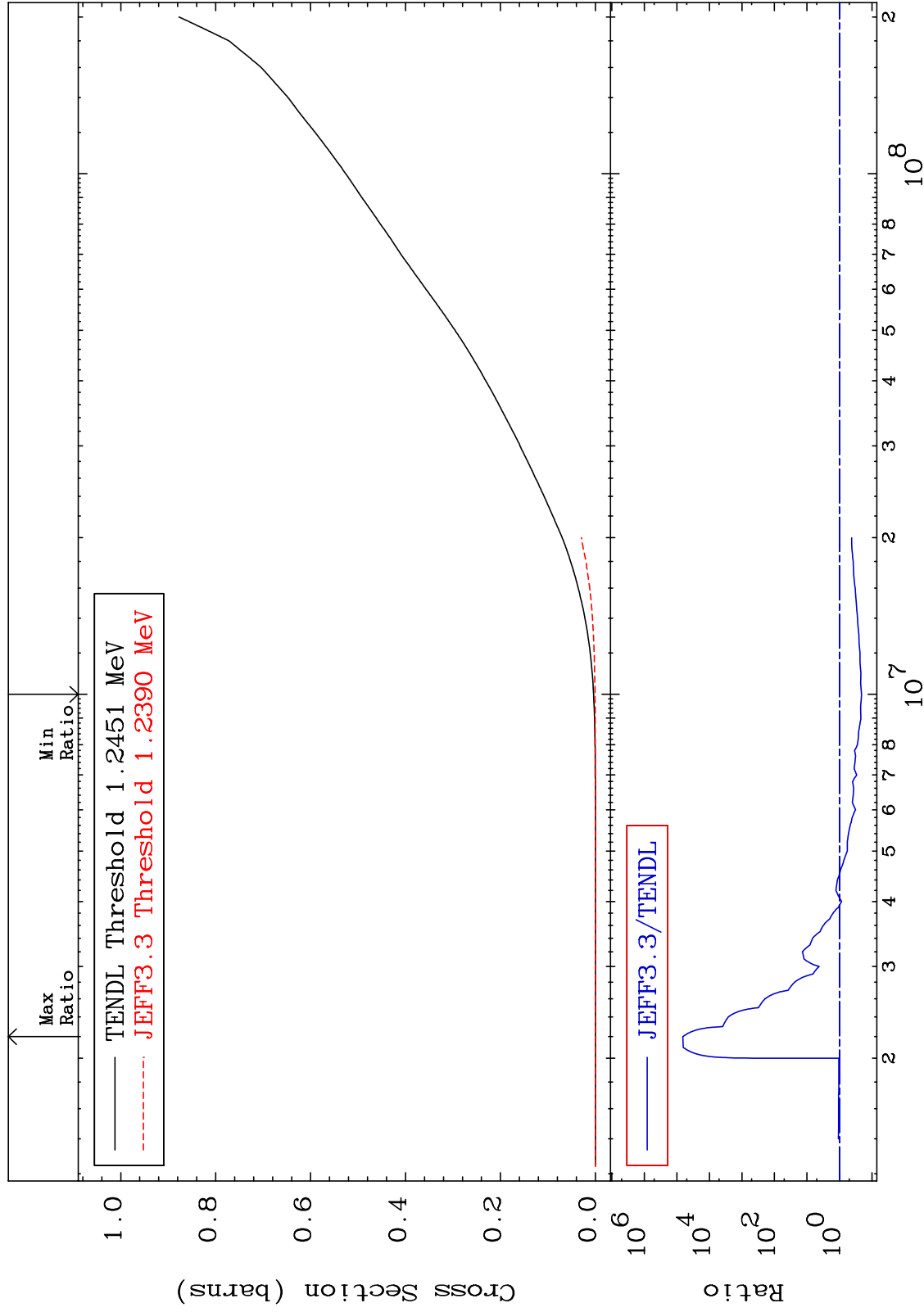
-100.0 To 3852. %



MAT 4846

Hydrogen Production  
Cross Section

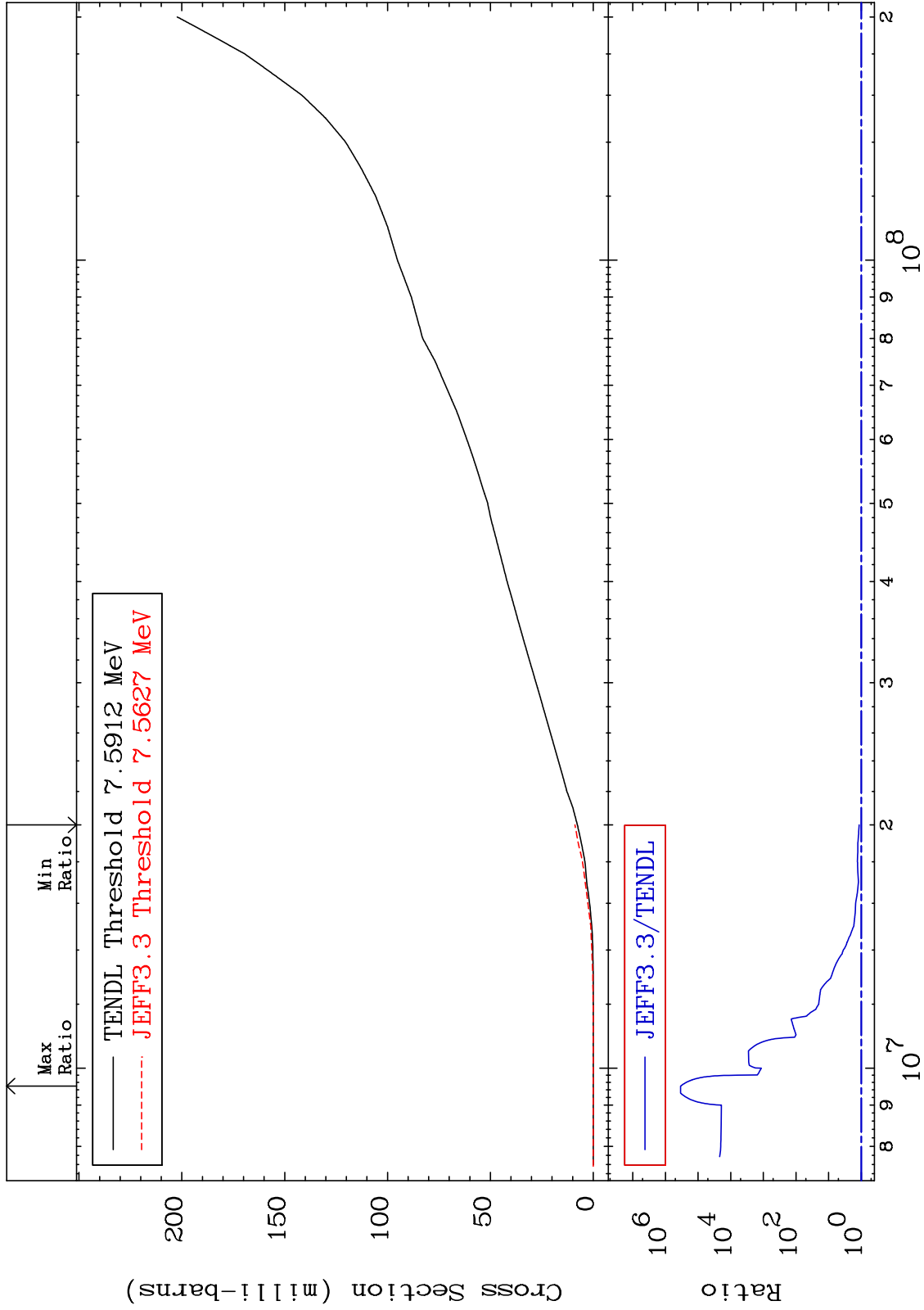
48-Cd-113  
-79.01 To 9999. %



MAT 4846

Deuterium Production  
Cross Section

48-Cd-113  
15.59 To 9999. %



30

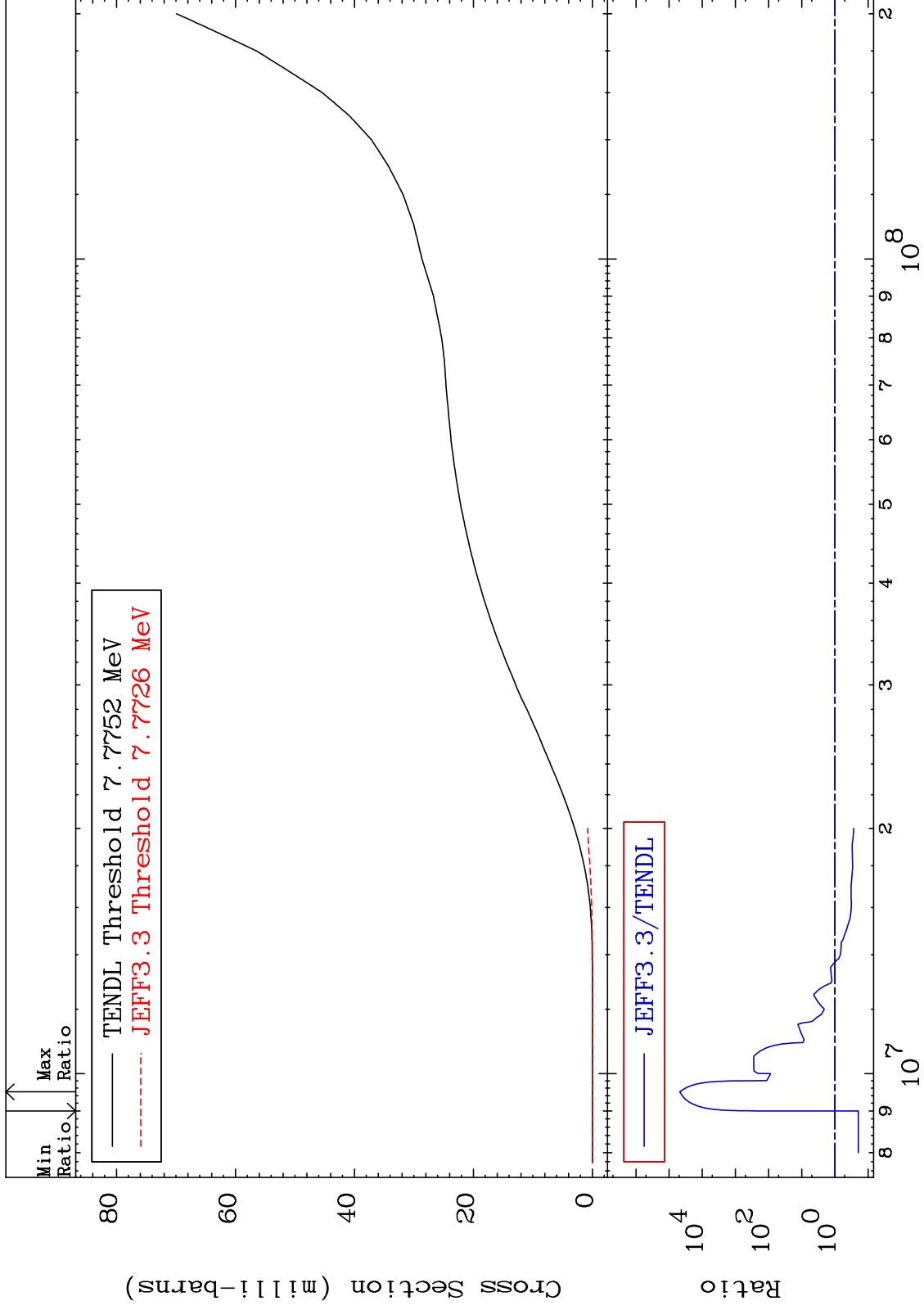
Incident Energy (eV)

48-Cd-113

MAT 4846

Tritium Production  
Cross Section

48-Cd-113  
-80.42 To 9999. %

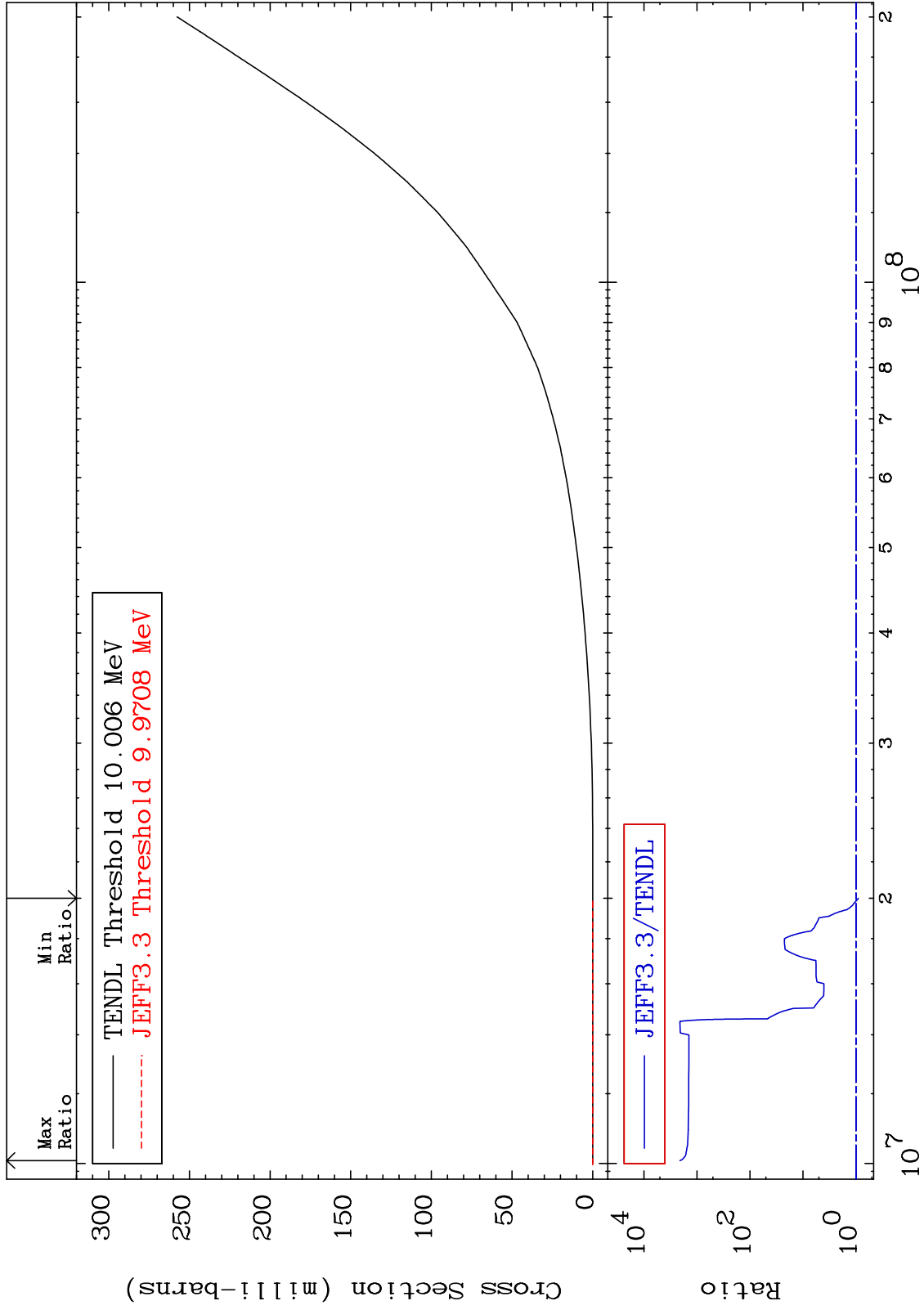




MAT 4846

He-3 Production  
Cross Section

48-Cd-113  
-10.07 To 9999. %



32

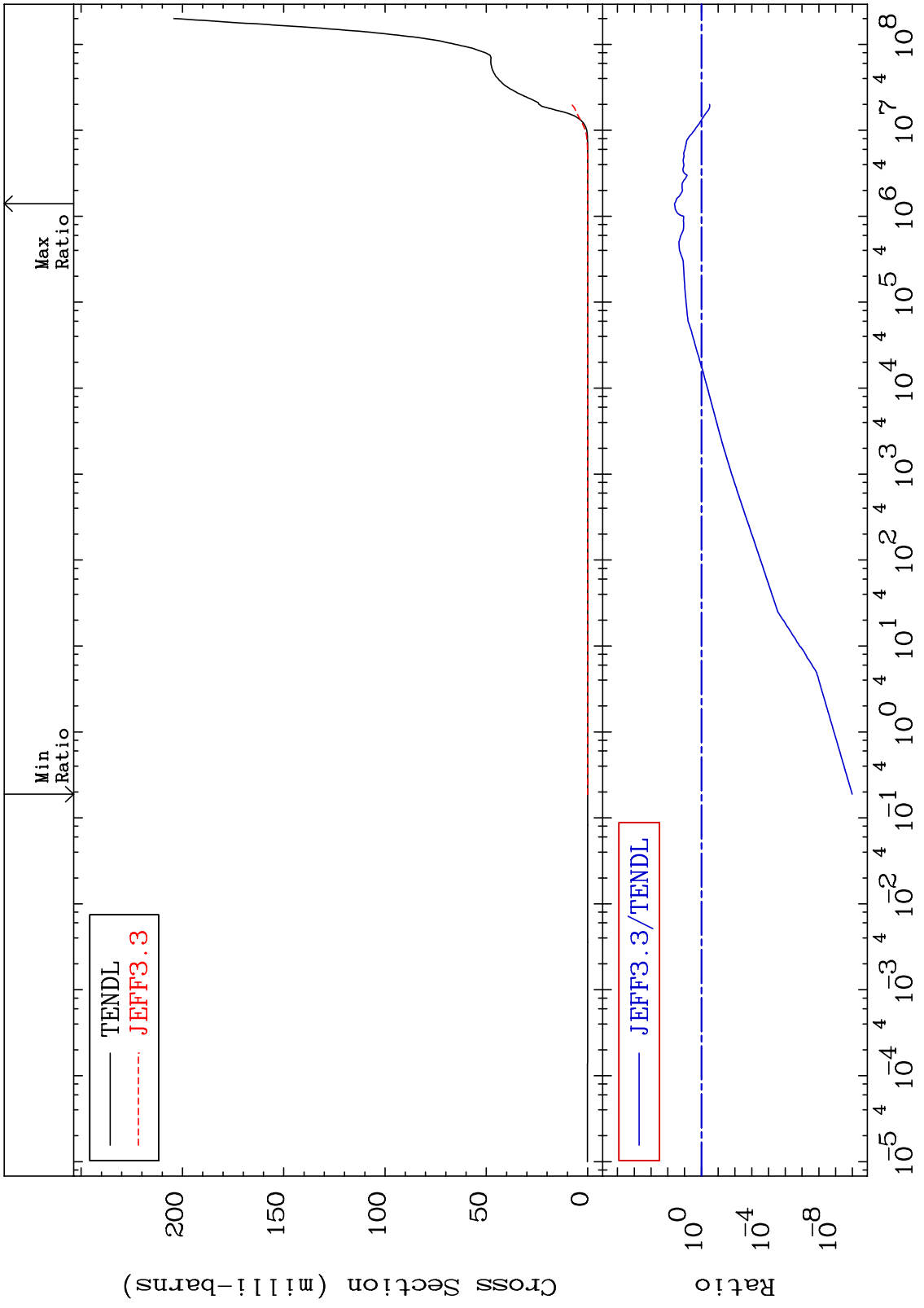
Incident Energy (eV)

48-Cd-113

MAT 4846

He-4 Production  
Cross Section

48-Cd-113  
-100.0 To 3852. %



33

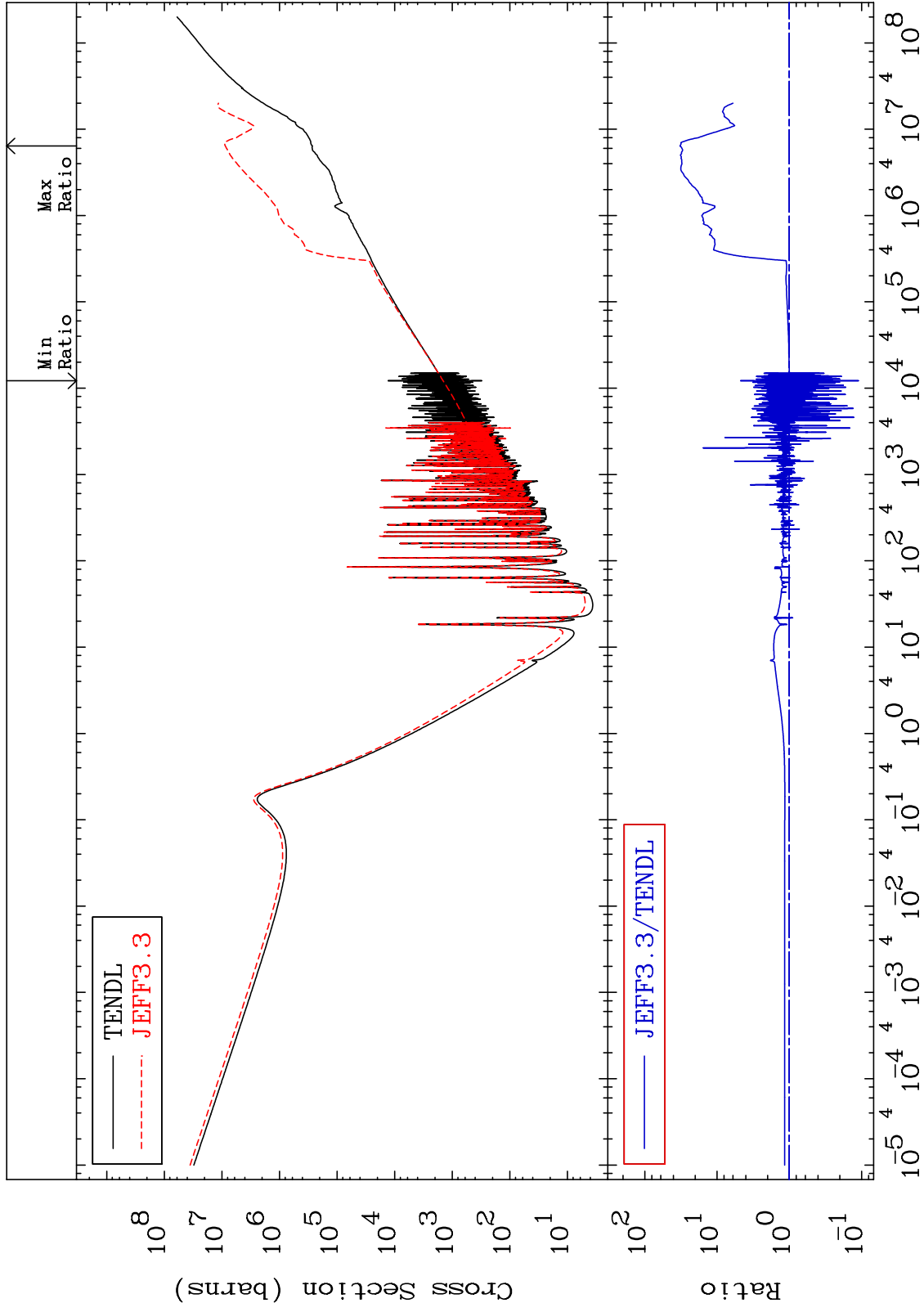
Incident Energy (eV)

48-Cd-113

MAT 4846

Kerma total (eV-barns)  
Cross Section

48-Cd-113  
-88.94 To 3149. %



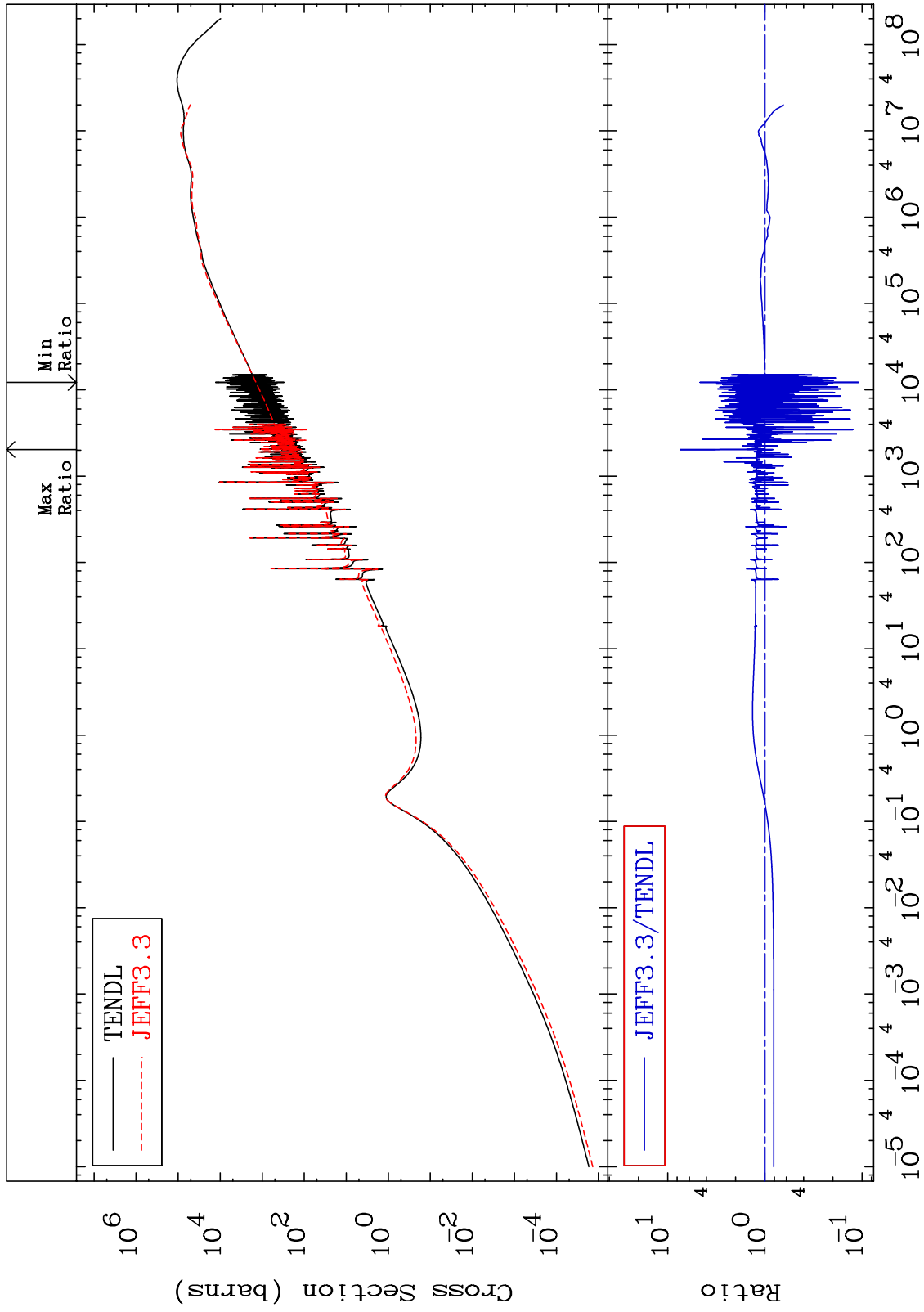
— TENDL  
- - - JEFF3.3

— JEFF3.3/TENDL

MAT 4846

Kerma elastic  
Cross Section

48-Cd-113  
-89.11 To 648.1 %



35

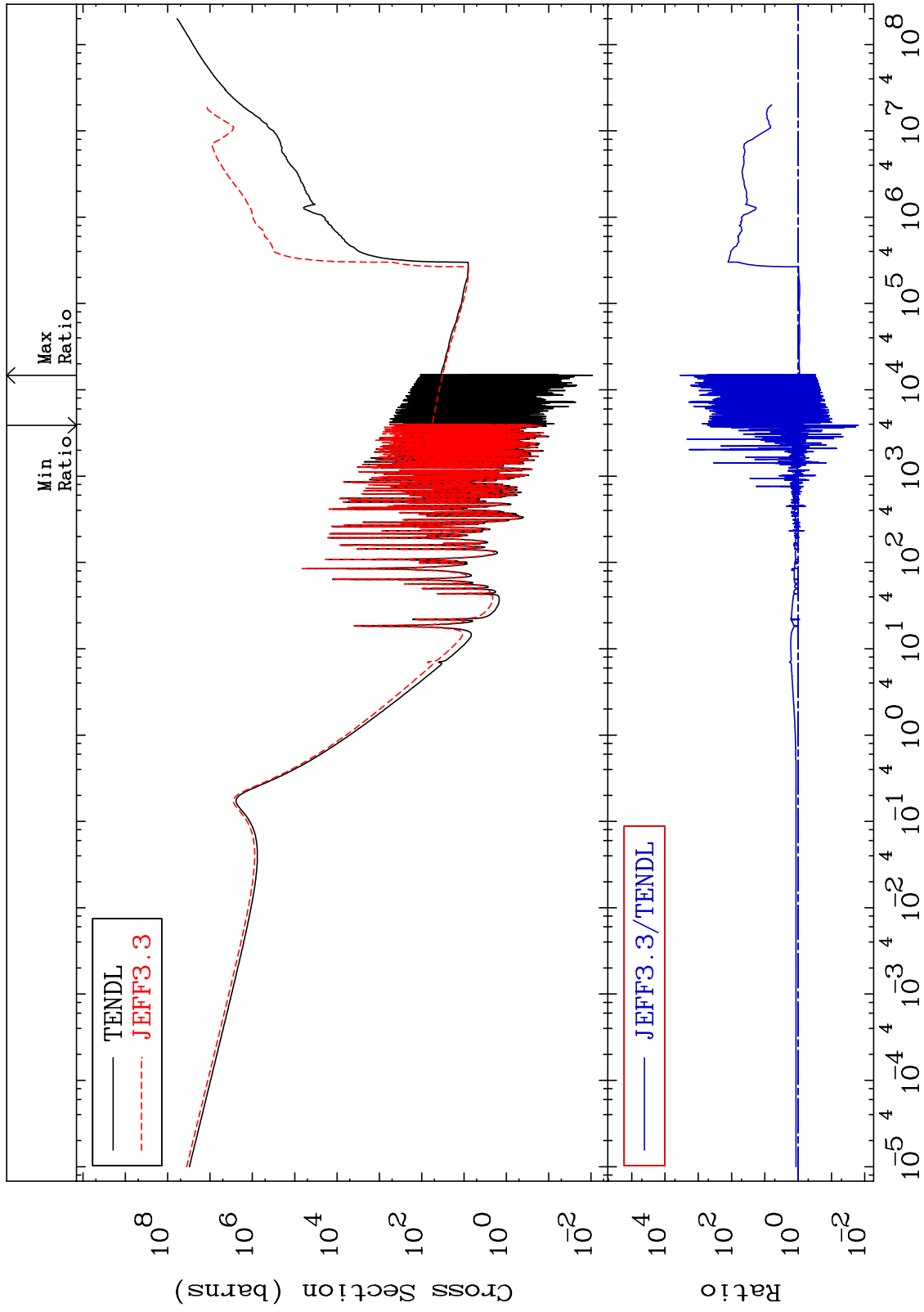
Incident Energy (eV)

48-Cd-113

MAT 4846

Kerma non-elastic (all but mt2)  
Cross Section

48-Cd-113  
-98.45 To 9999. %



36

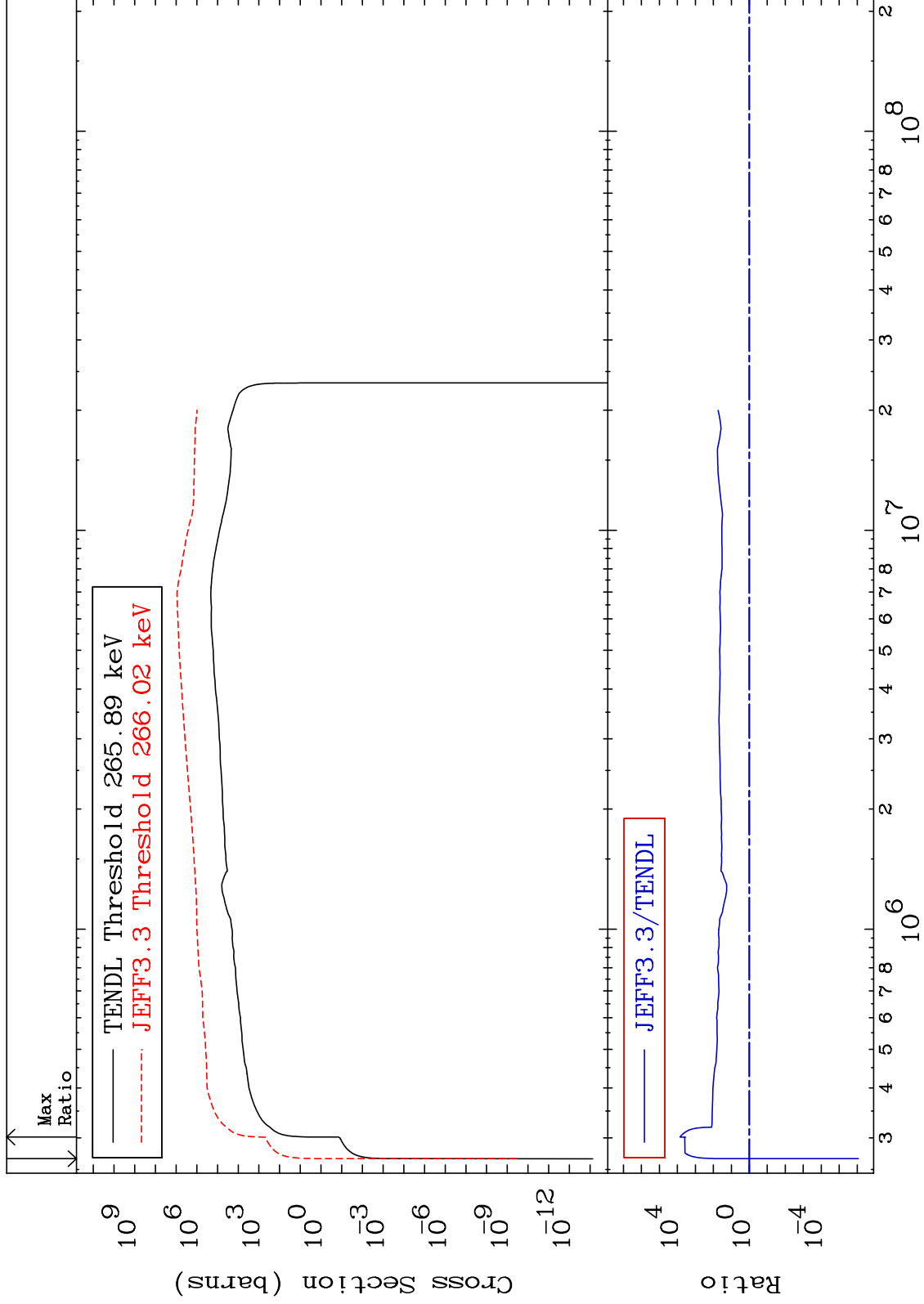
Incident Energy (eV)

48-Cd-113

MAT 4846

Kerma inelastic (mt51-91)  
Cross Section

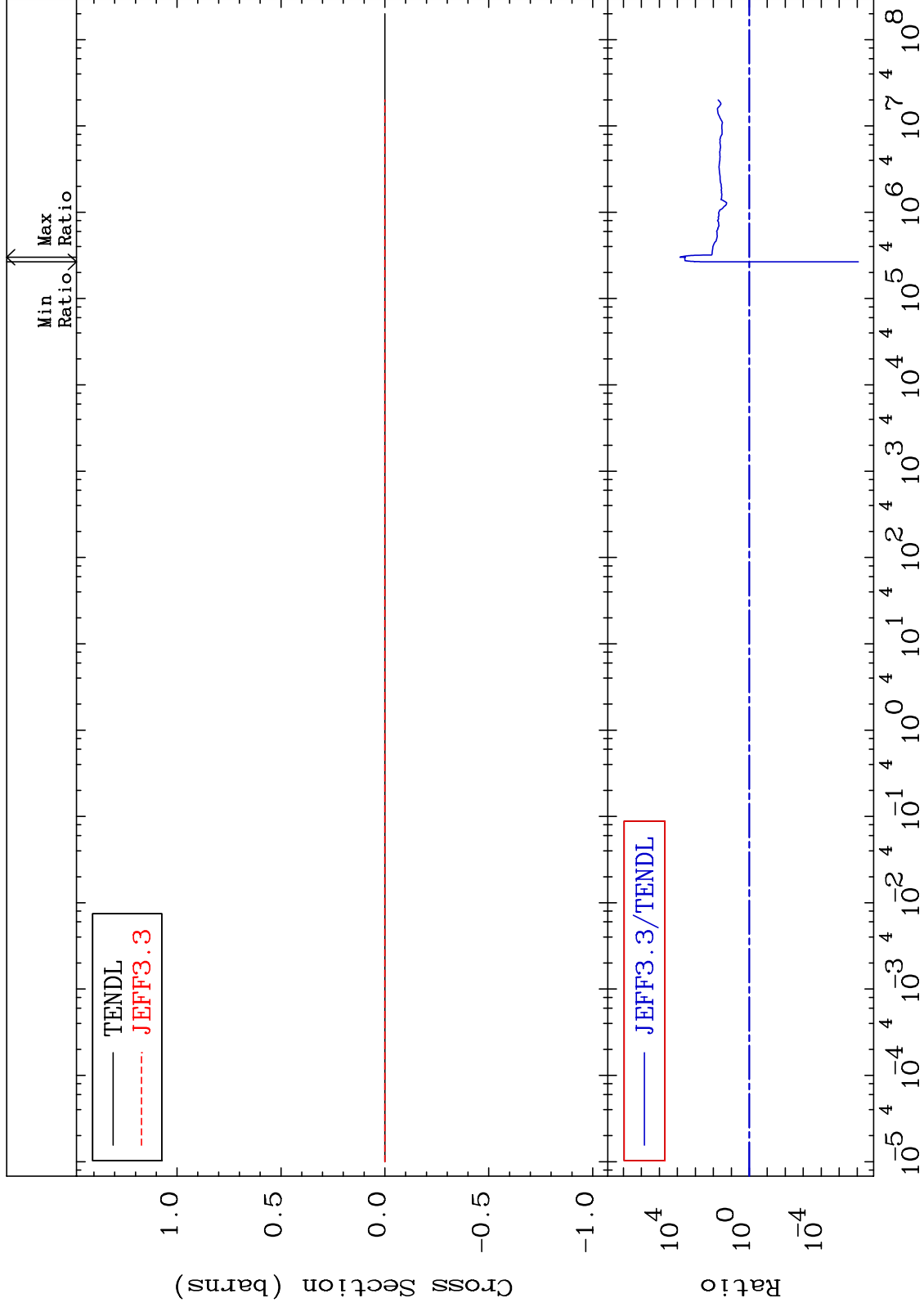
48-Cd-113  
-100.0 To 9999. %



MAT 4846

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

48-Cd-113  
-100.0 To 9999. %



38

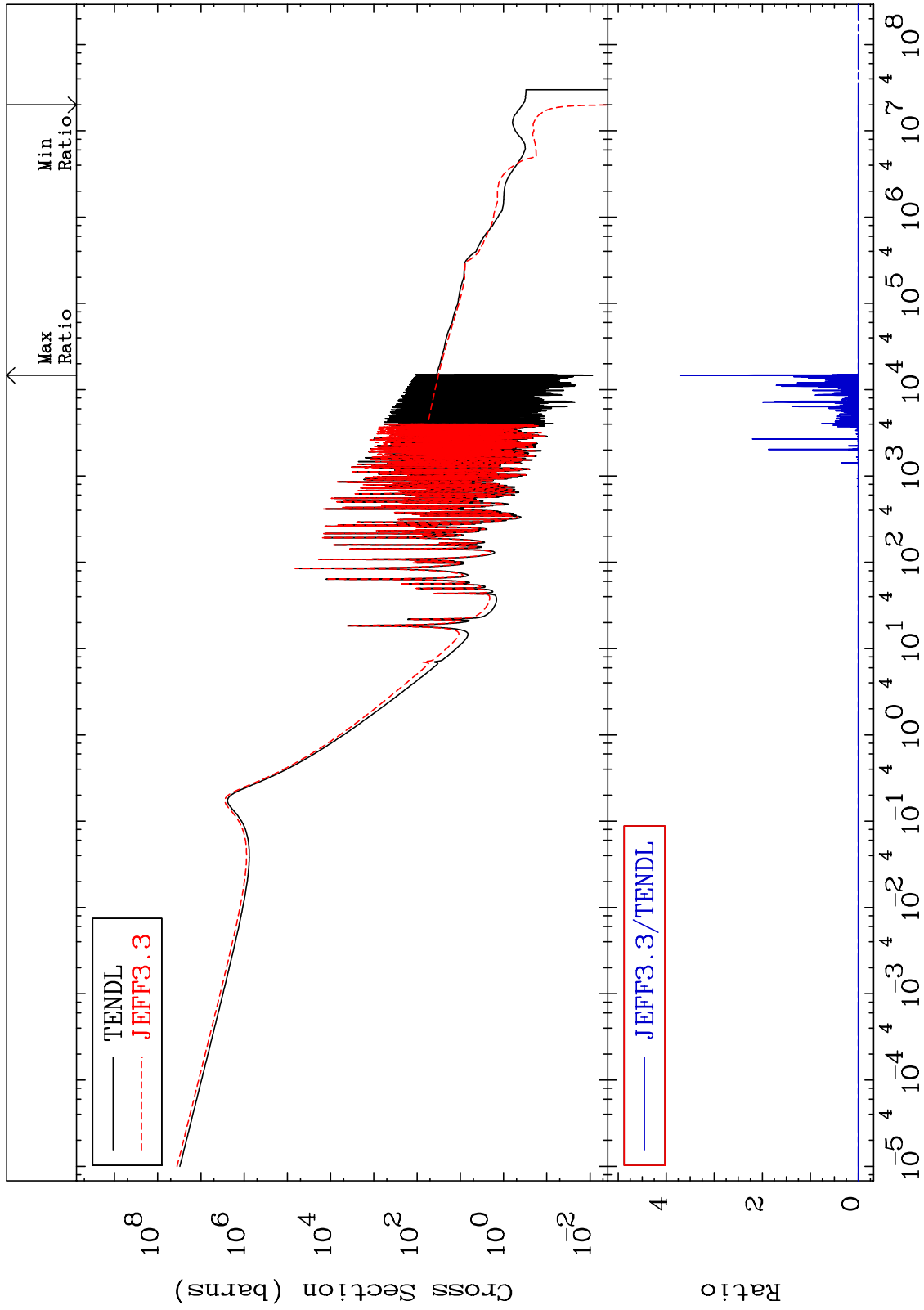
Incident Energy (eV)

48-Cd-113

MAT 4846

Kerma capture (mt102)  
Cross Section

48-Cd-113  
-100.0 To 9999. %



39

Incident Energy (eV)

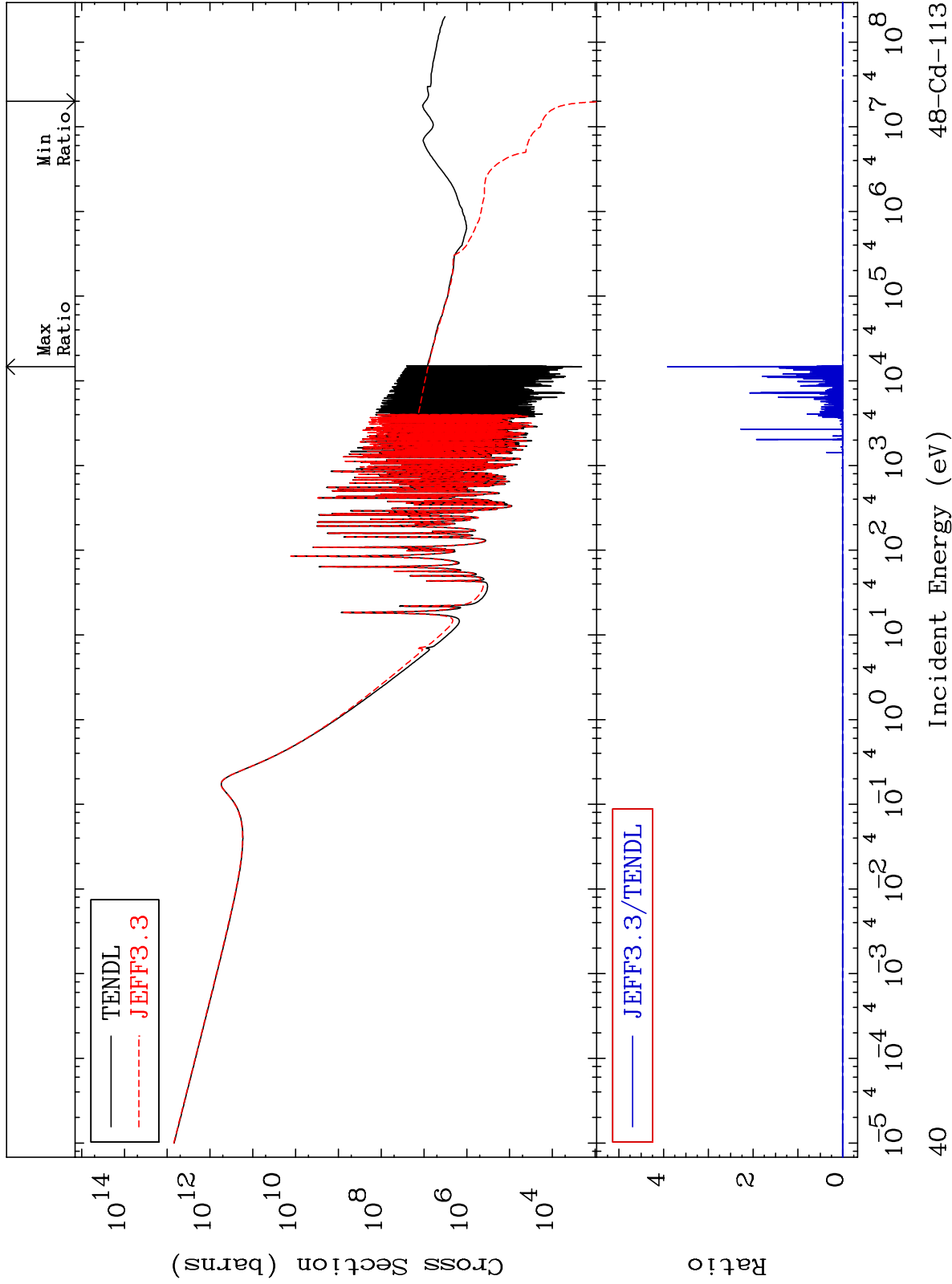
48-Cd-113



MAT 4846

Total photon (eV-barns)  
Cross Section

48-Cd-113  
-100.0 To 9999. %



48-Cd-113

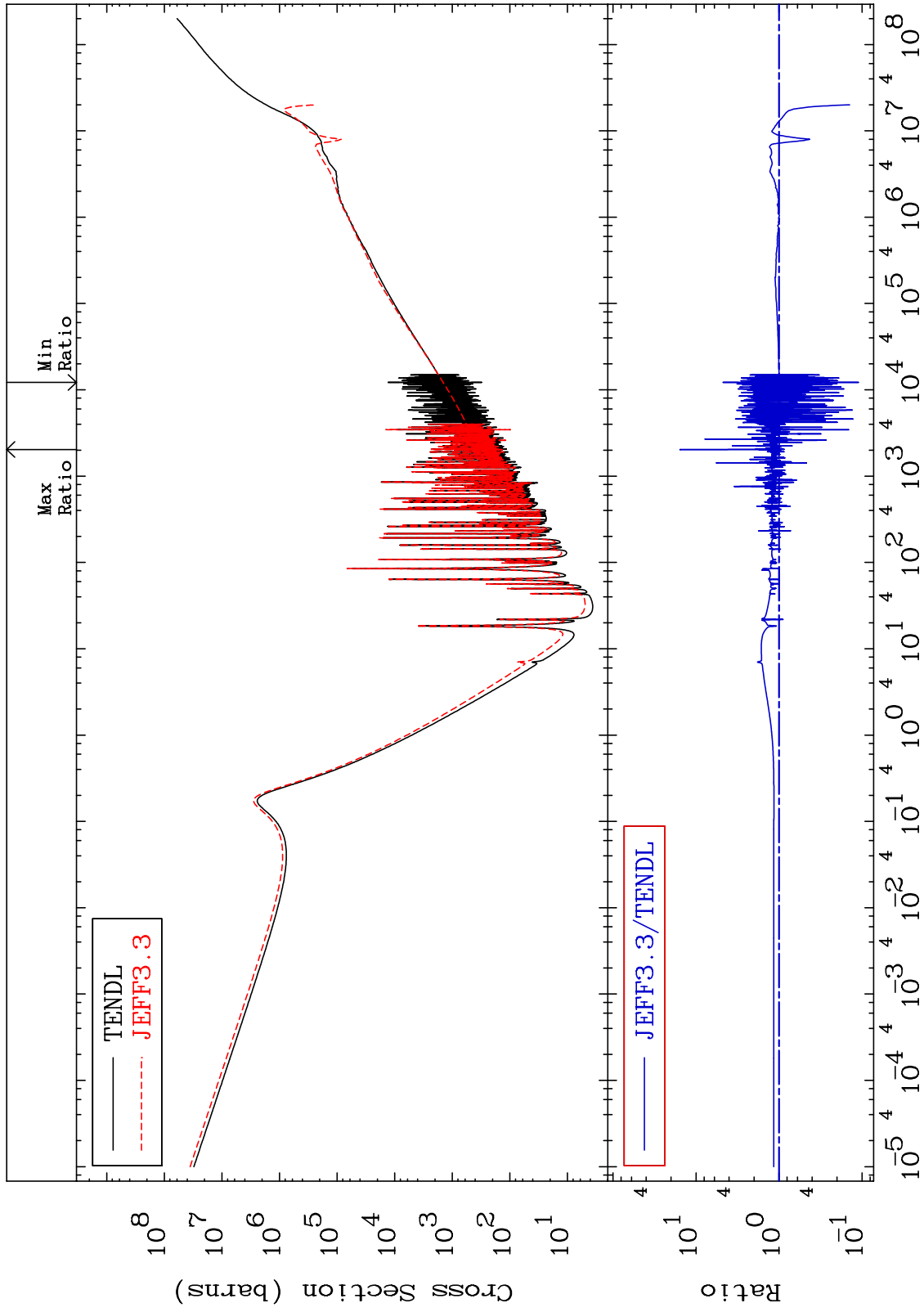
Incident Energy (eV)

40

MAT 4846

Total kinematic kerma (high limit)  
Cross Section

48-Cd-113  
-88.94 To 1461. %



41

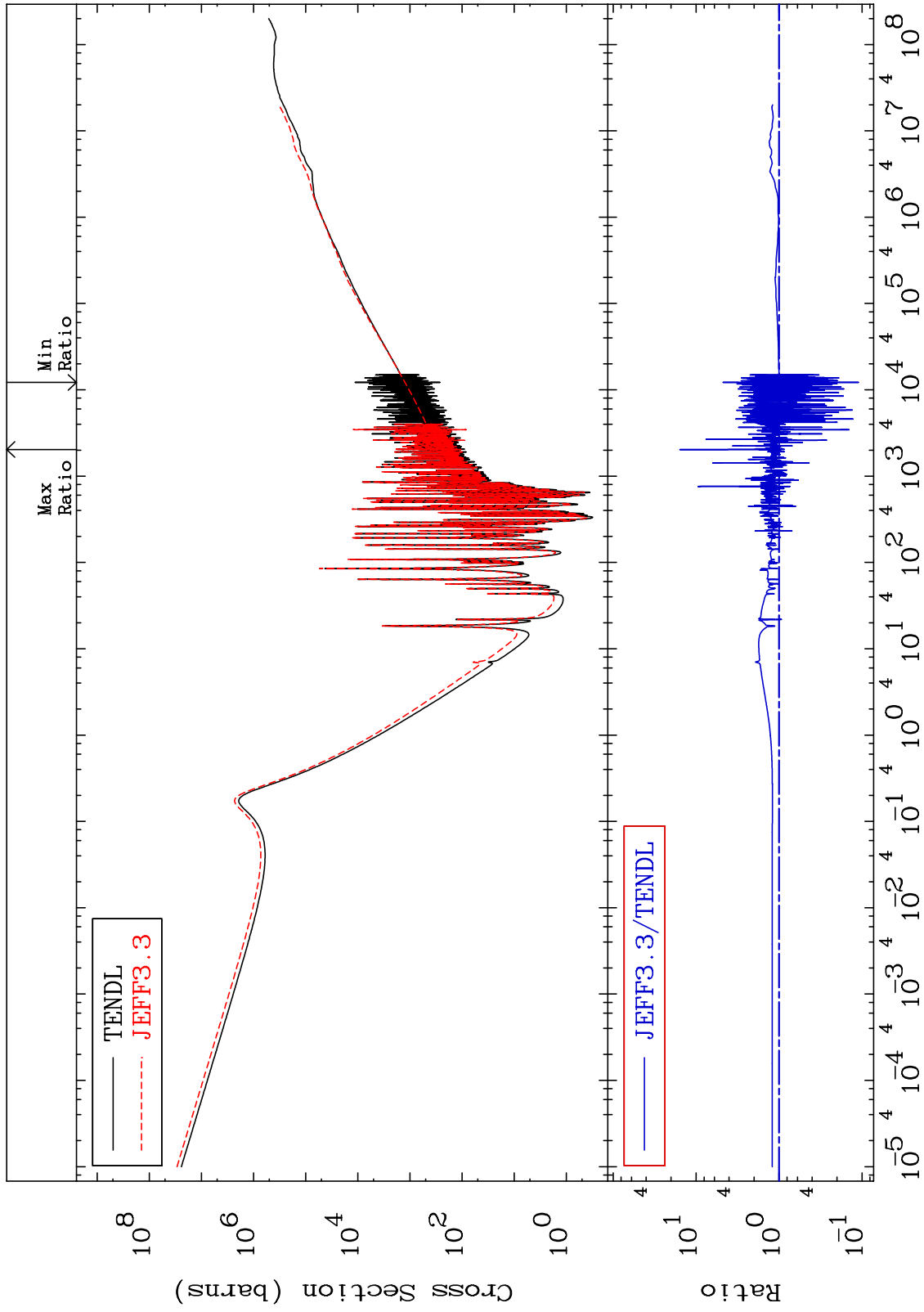
Incident Energy (eV)

48-Cd-113

MAT 4846

Dpa total (eV-barns)  
Cross Section

48-Cd-113  
-88.96 To 1461. %



42

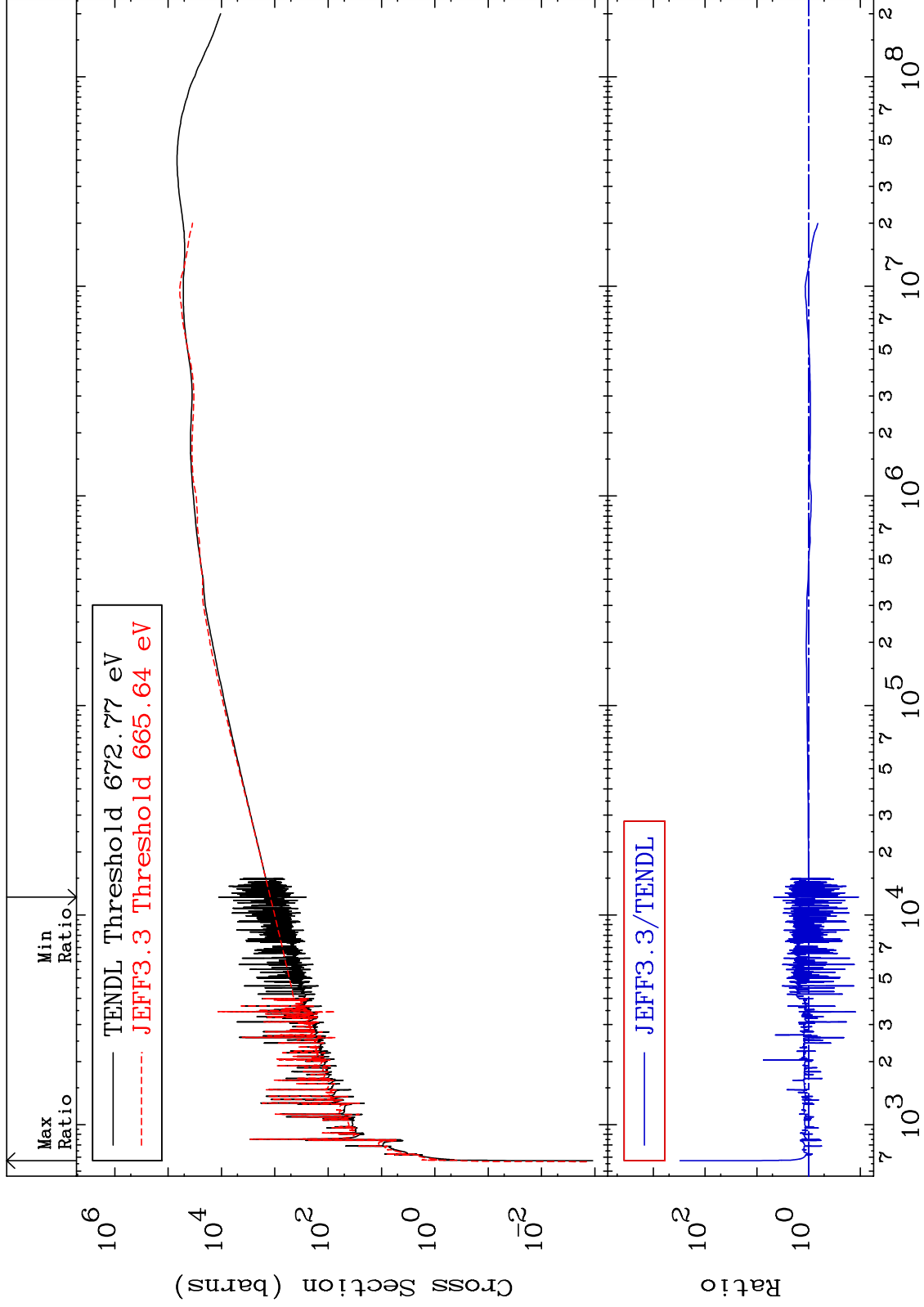
Incident Energy (eV)

48-Cd-113

MAT 4846

Dpa elastic (mt2)  
Cross Section

48-Cd-113  
-89.11 To 9999. %



43

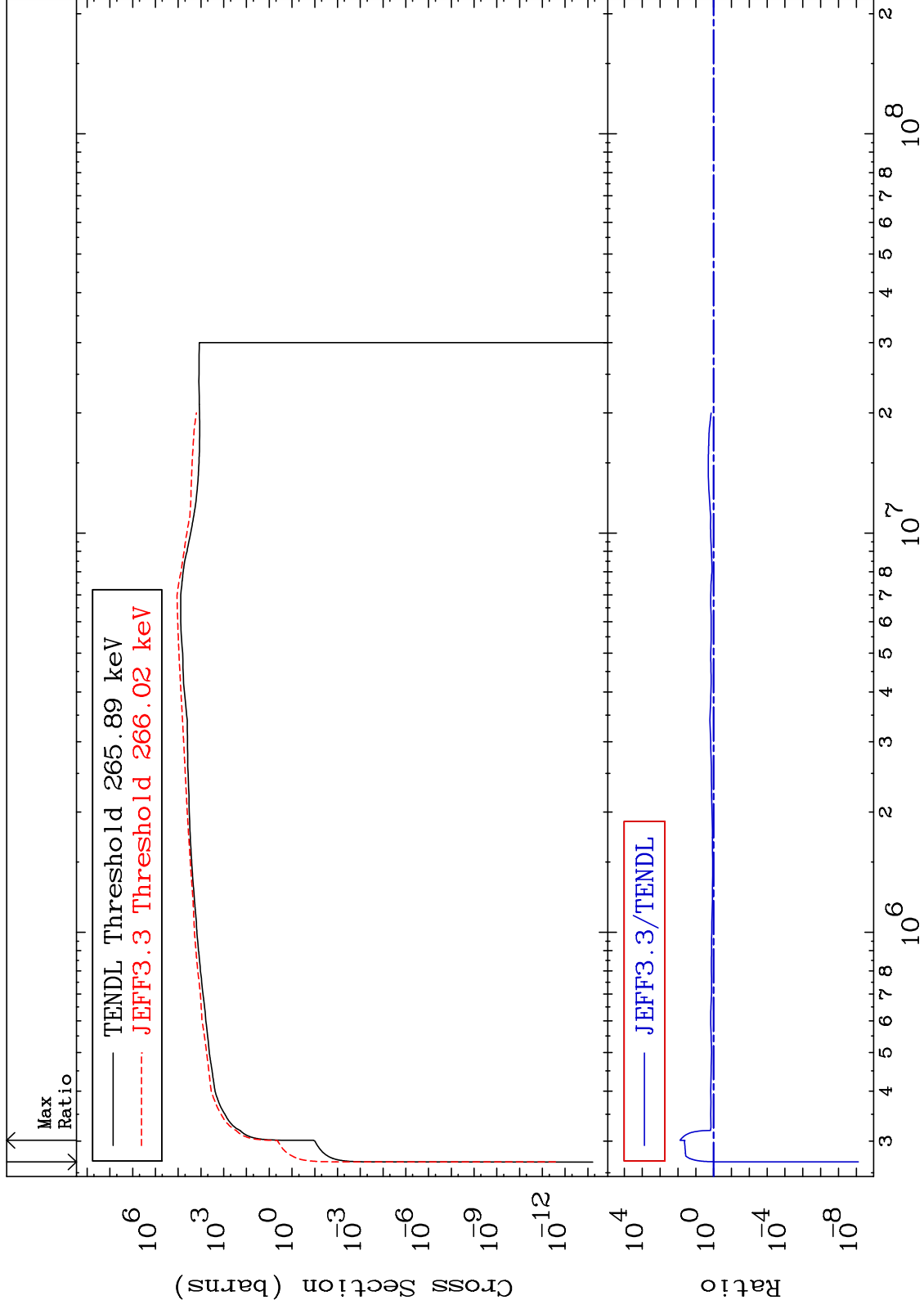
Incident Energy (eV)

48-Cd-113

MAT 4846

Dpa inelastic (mt51-91)  
Cross Section

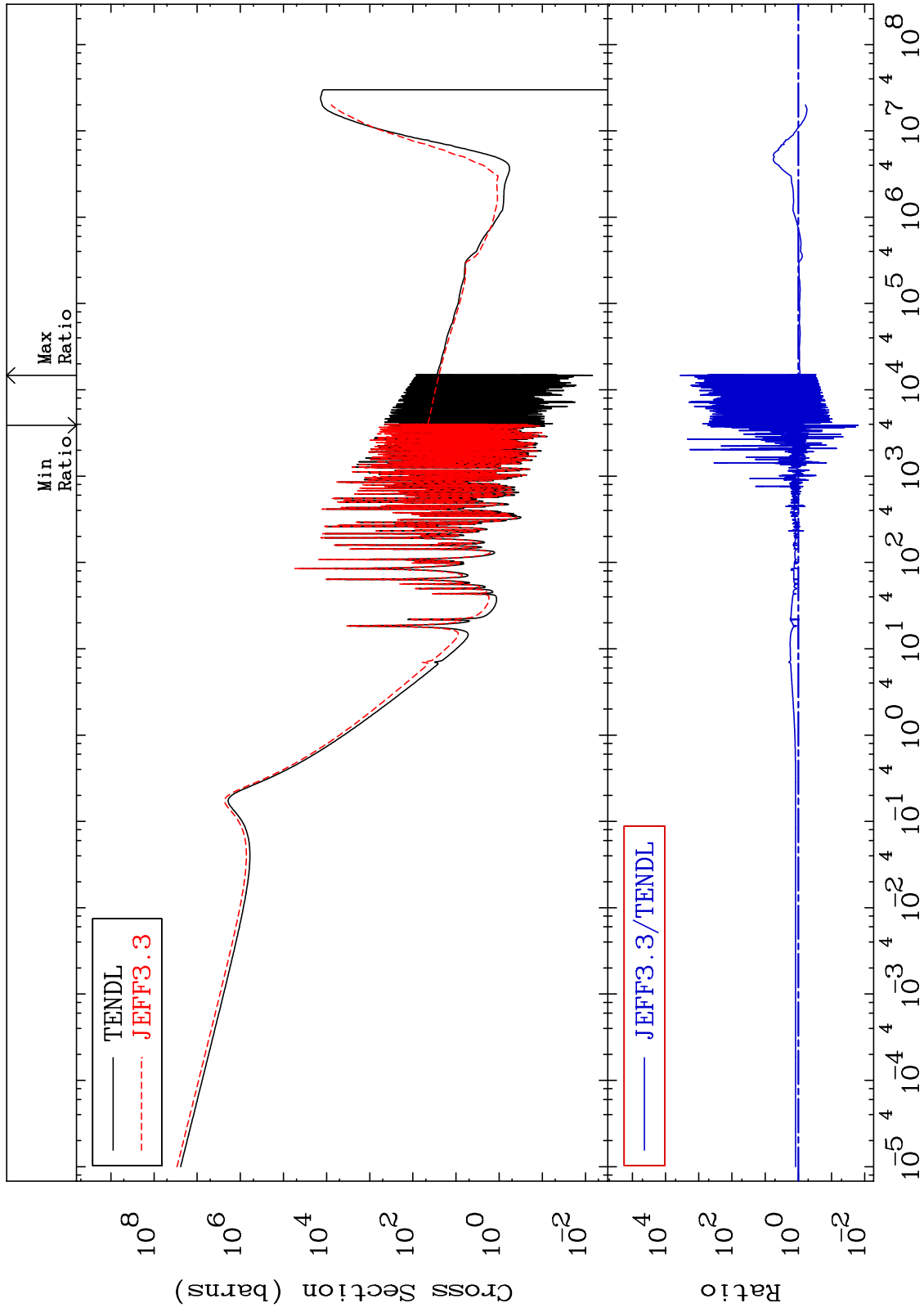
48-Cd-113  
-100.0 To 7548. %



MAT 4846

Dpa disappearance (mt102 -120)  
Cross Section

48-Cd-113  
-98.46 To 9999. %



45

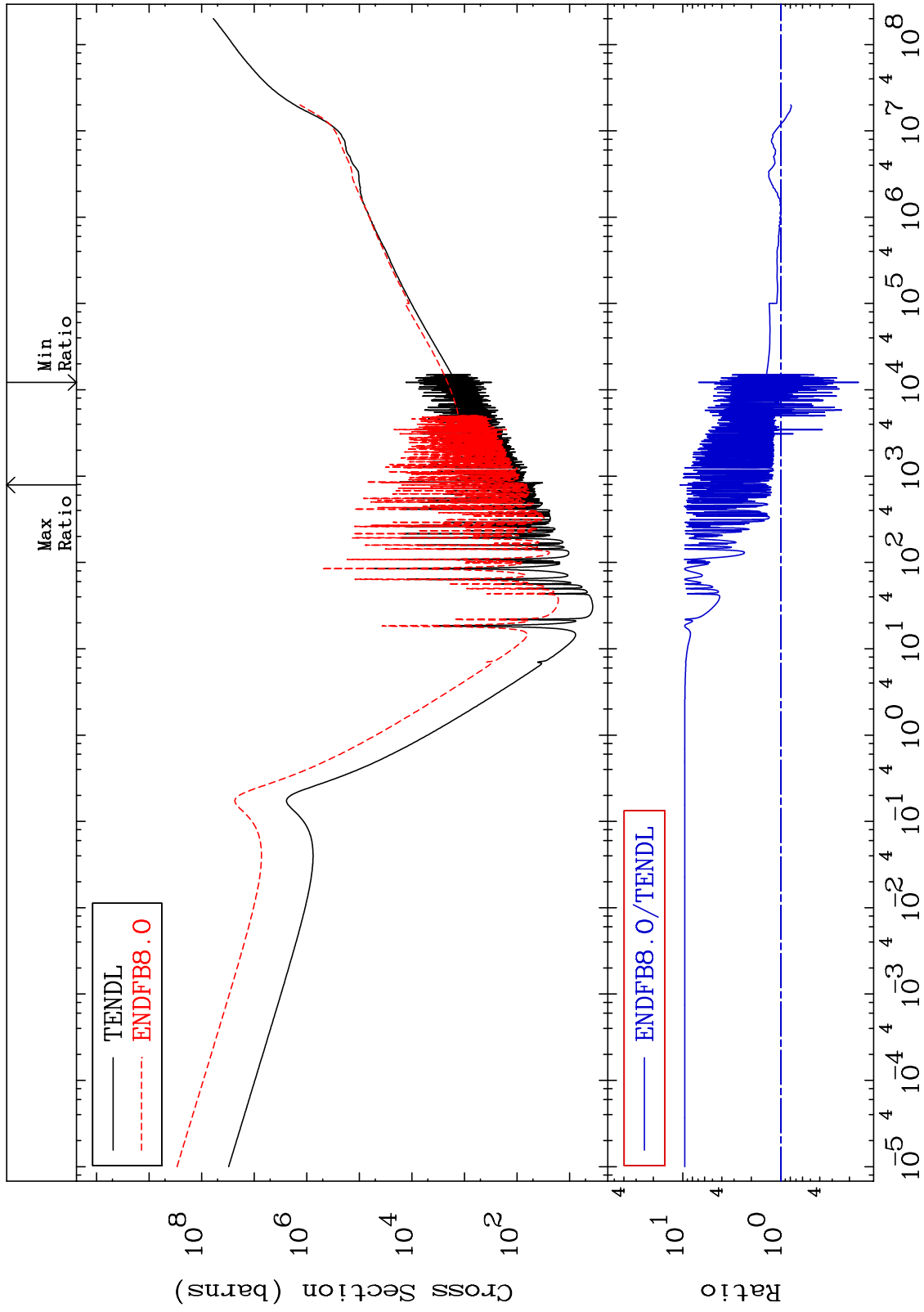
Incident Energy (eV)

48-Cd-113

MAT 4846

Total kinematic kerma (high limit)  
Cross Section

48-Cd-113  
-83.84 To 968.7 %



46

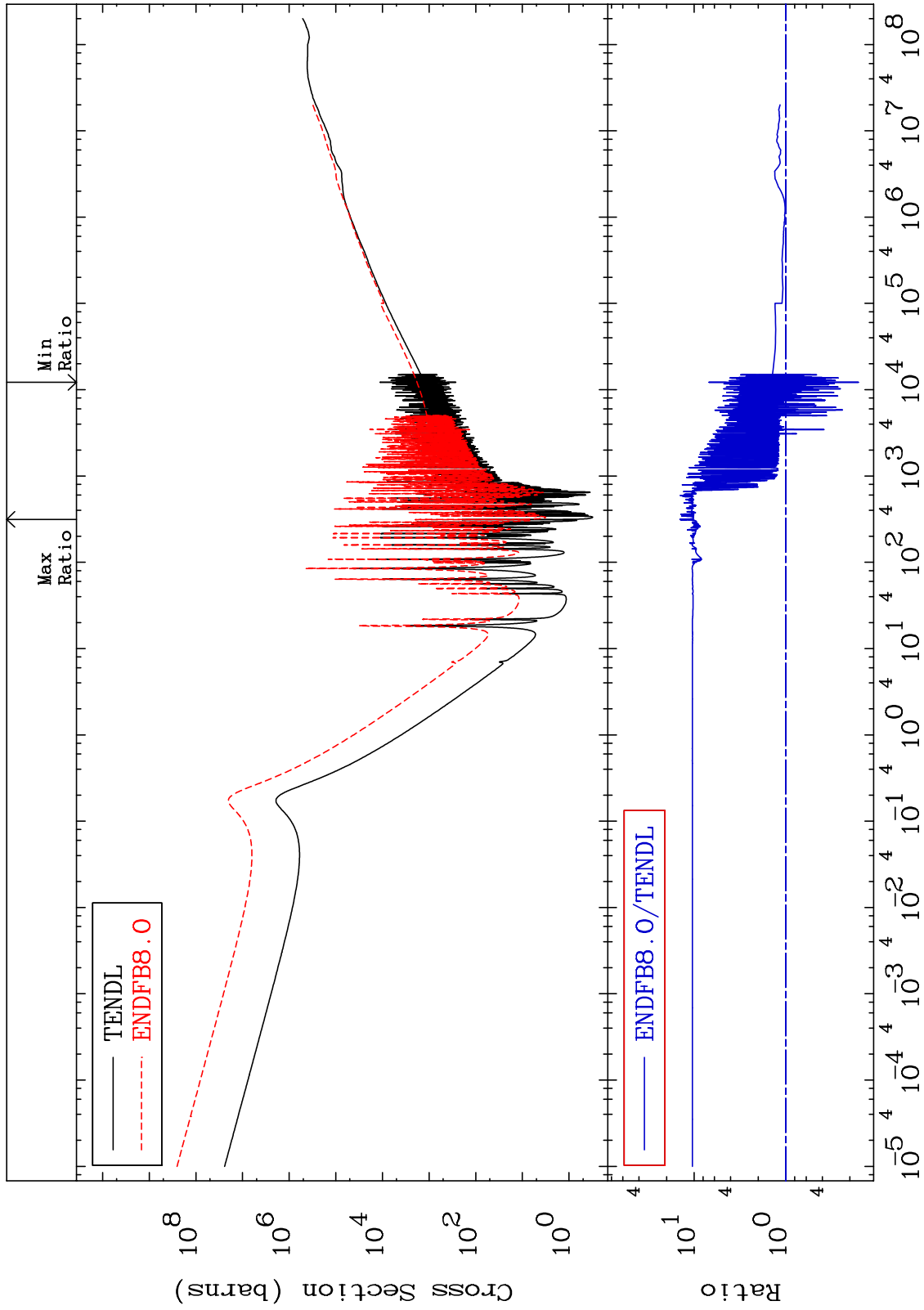
Incident Energy (eV)

48-Cd-113

MAT 4846

Dpa total (eV-barns)  
Cross Section

48-Cd-113  
-83.87 To 1327. %



47

Incident Energy (eV)

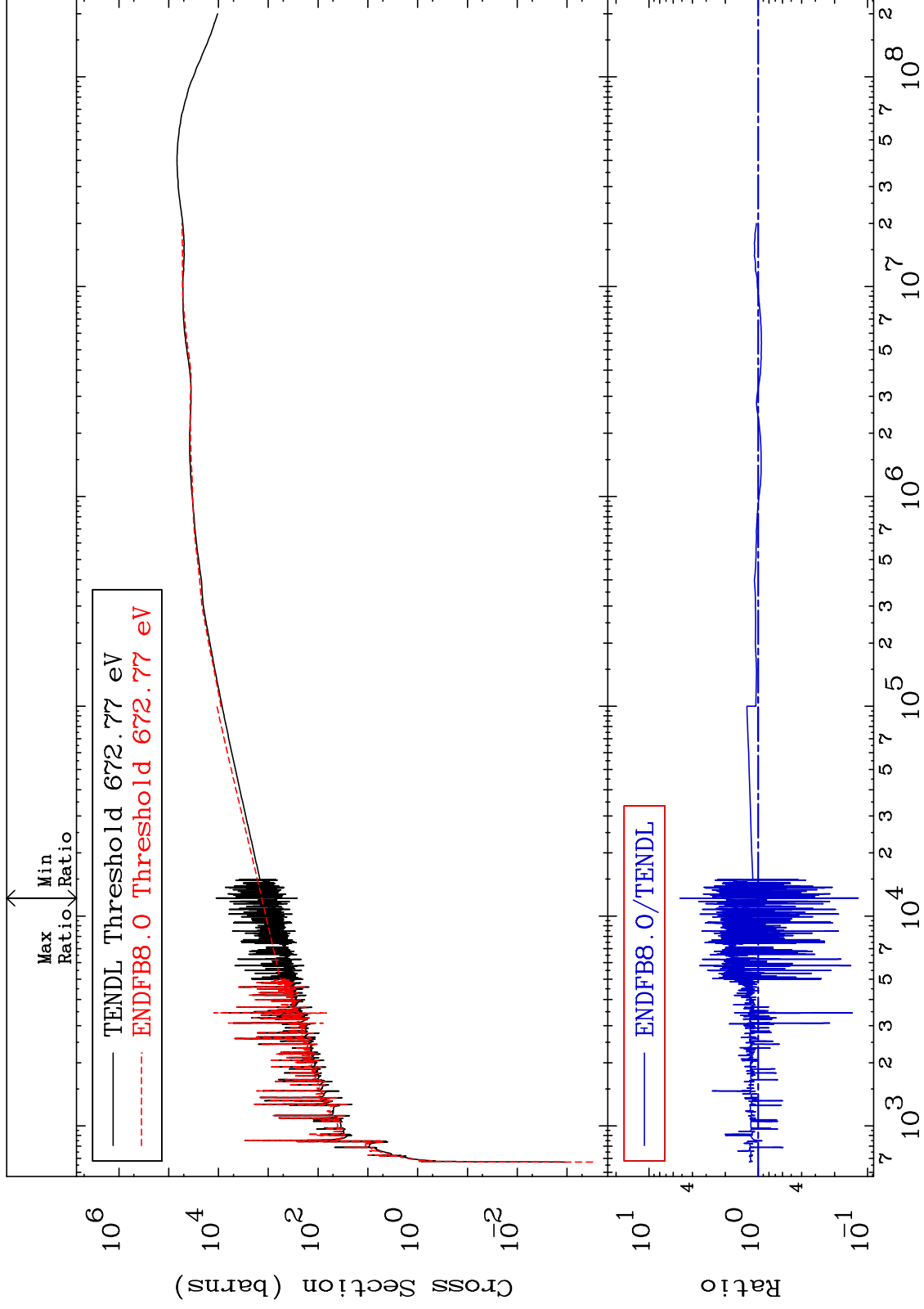
48-Cd-113



MAT 4846

Dpa elastic (mt2)  
Cross Section

48-Cd-113  
-87.87 To 420.0 %



48

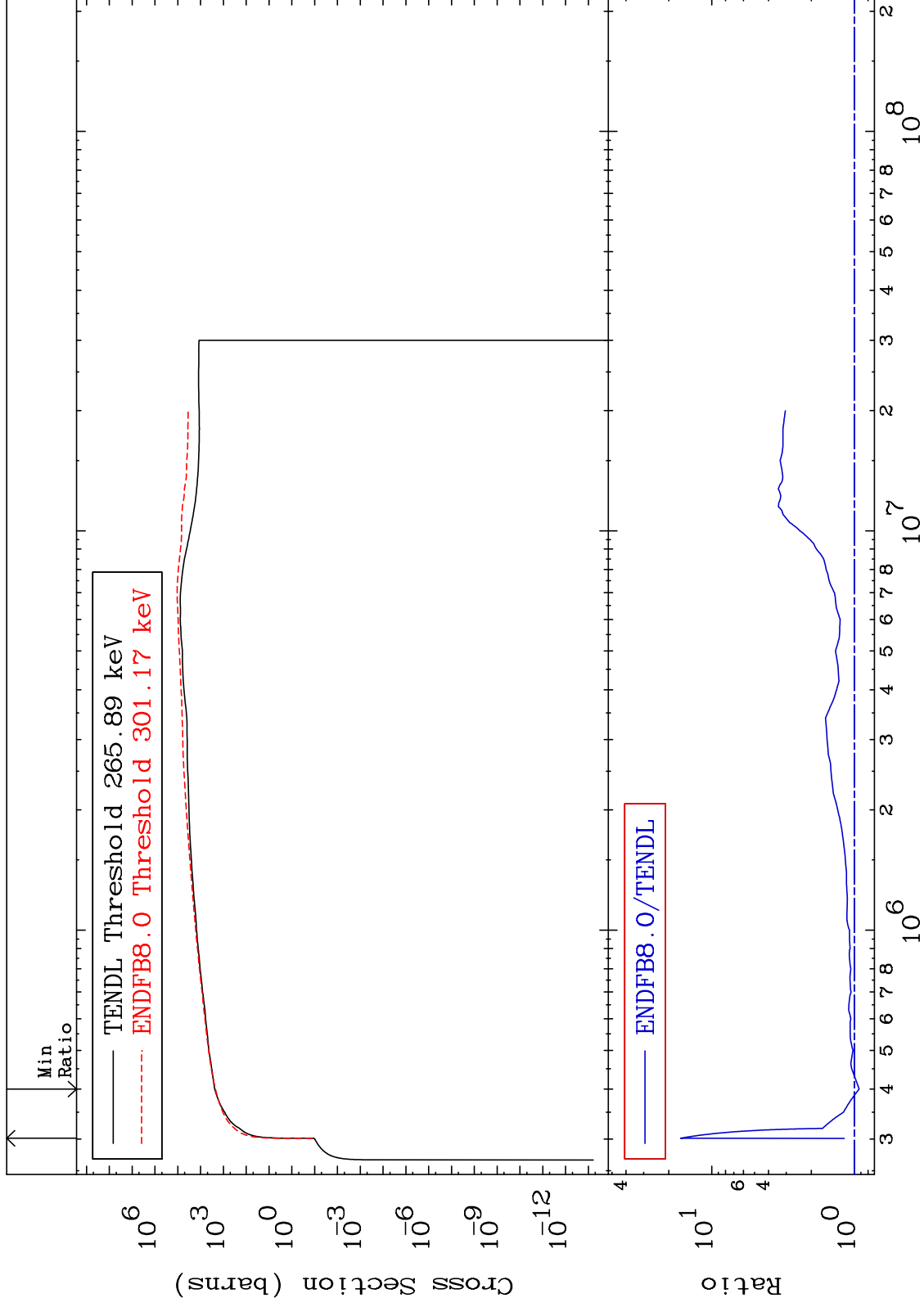
Incident Energy (eV)

48-Cd-113

MAT 4846

Dpa inelastic (mt51-91)  
Cross Section

48-Cd-113  
-7.546 To 1553. %



49

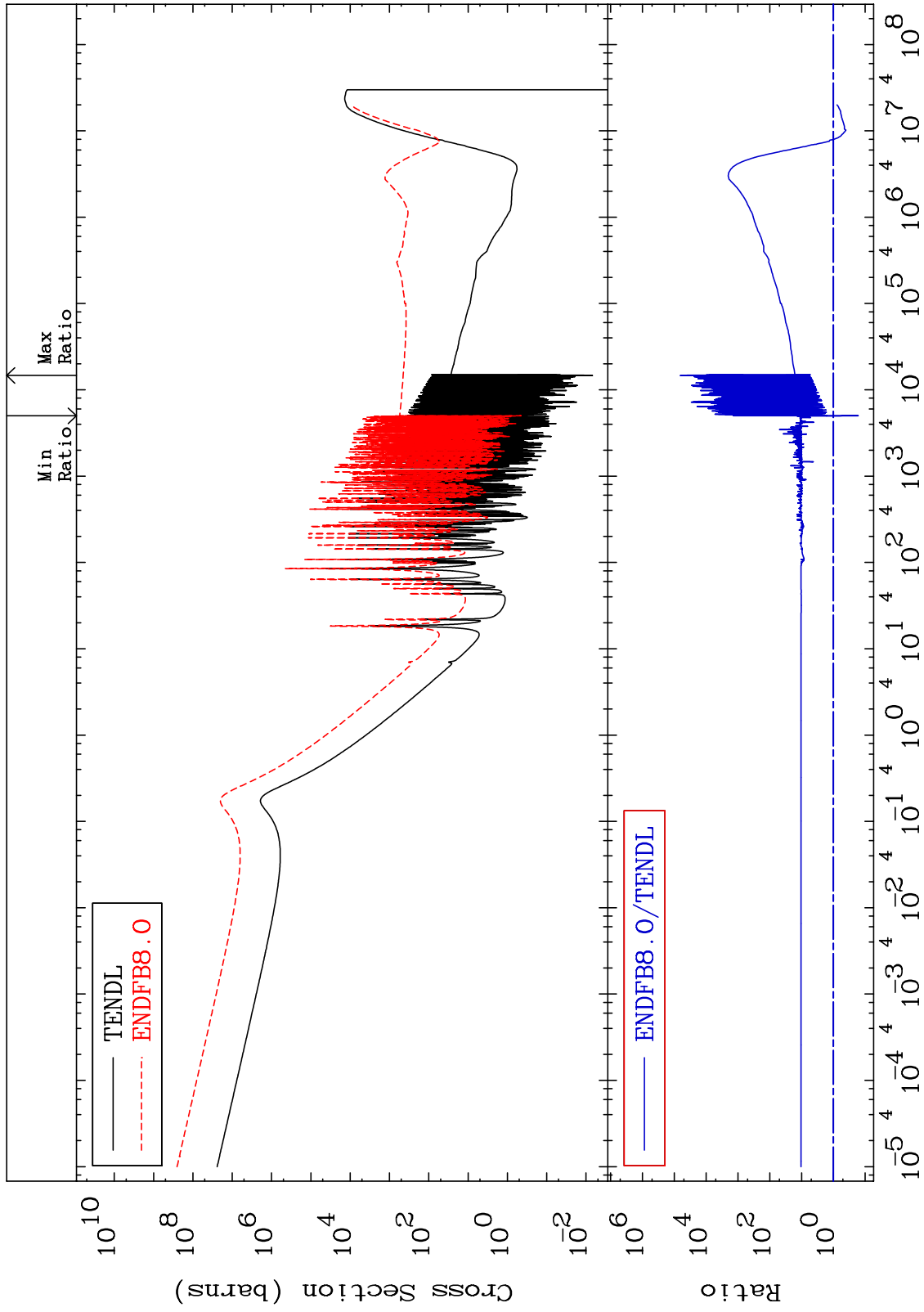
Incident Energy (eV)

48-Cd-113

MAT 4846

Dpa disappearance (mt102 -120)  
Cross Section

48-Cd-113  
-83.65 To 9999. %



50

Incident Energy (eV)

48-Cd-113