

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

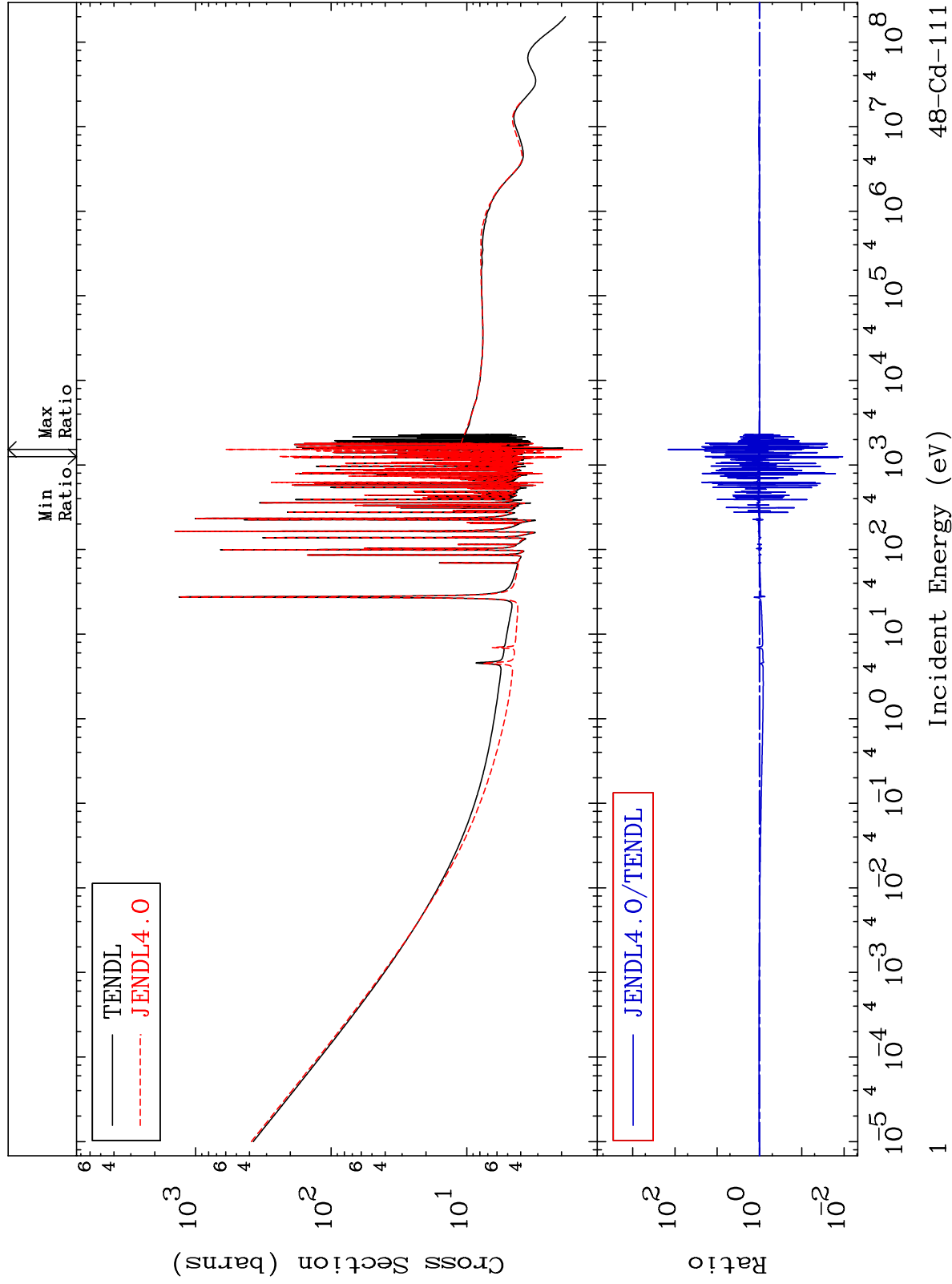
MAT 4840

Total

48-Cd-111

Cross Section

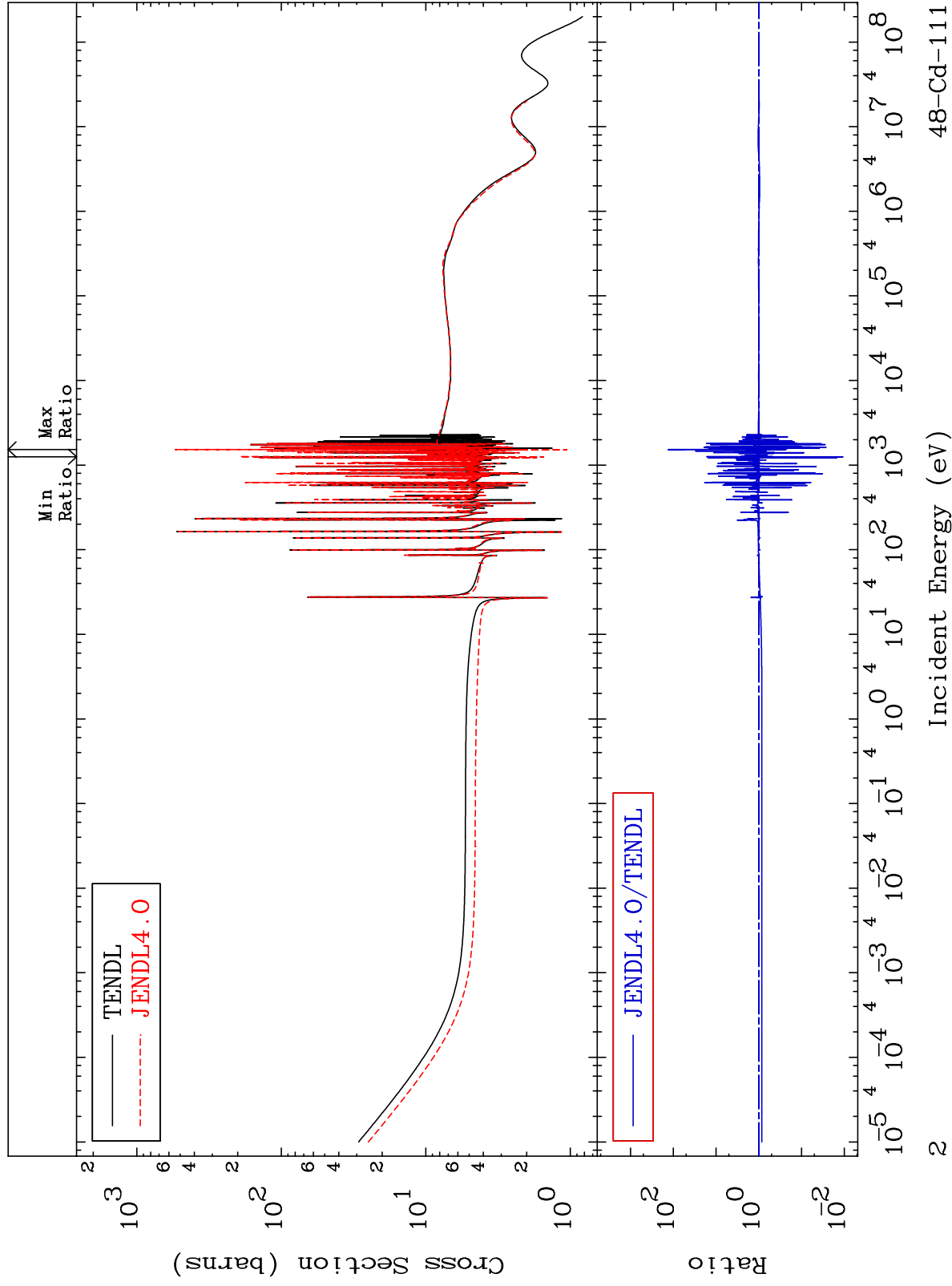
-98.93 To 9999. %

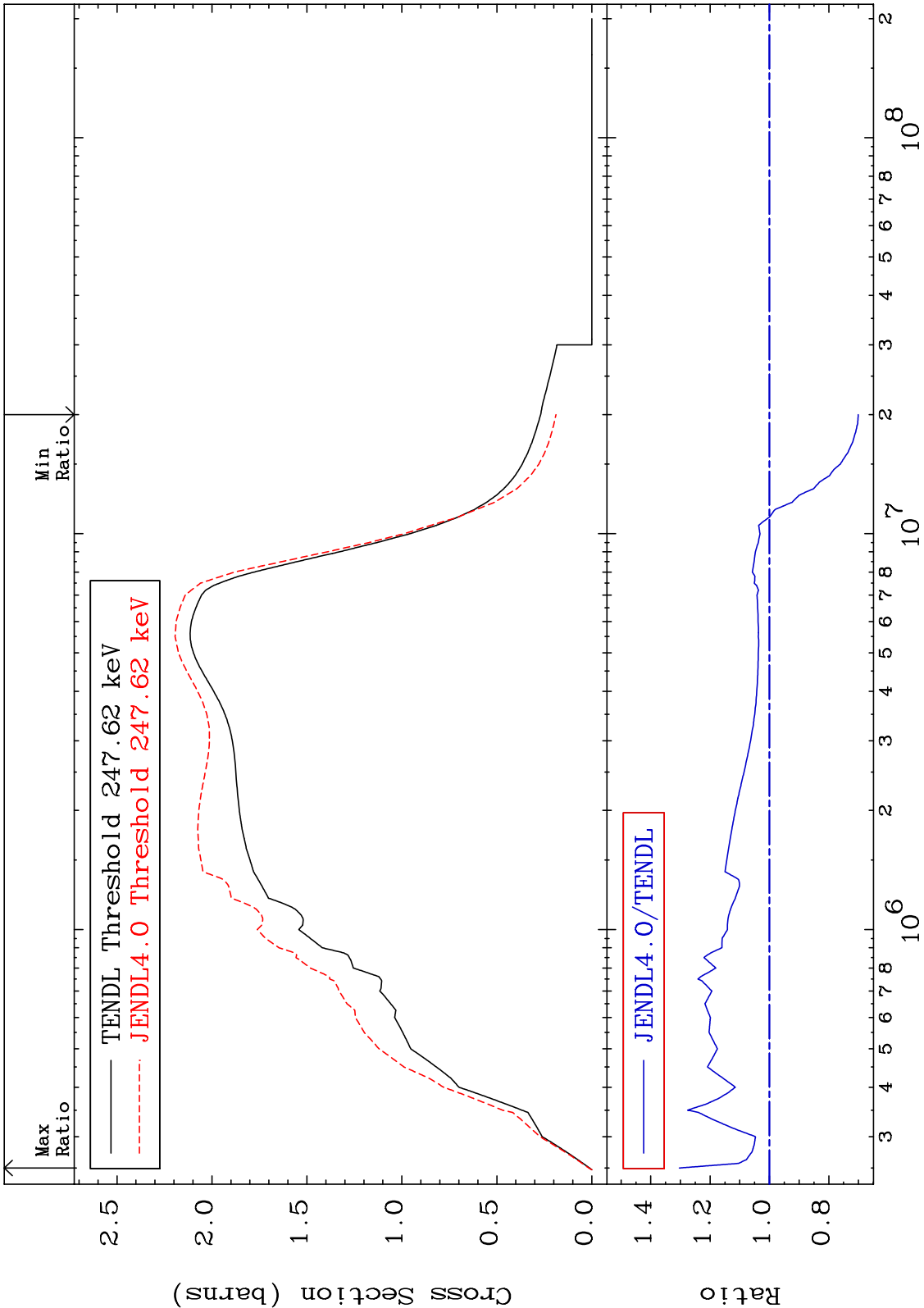


MAT 4840

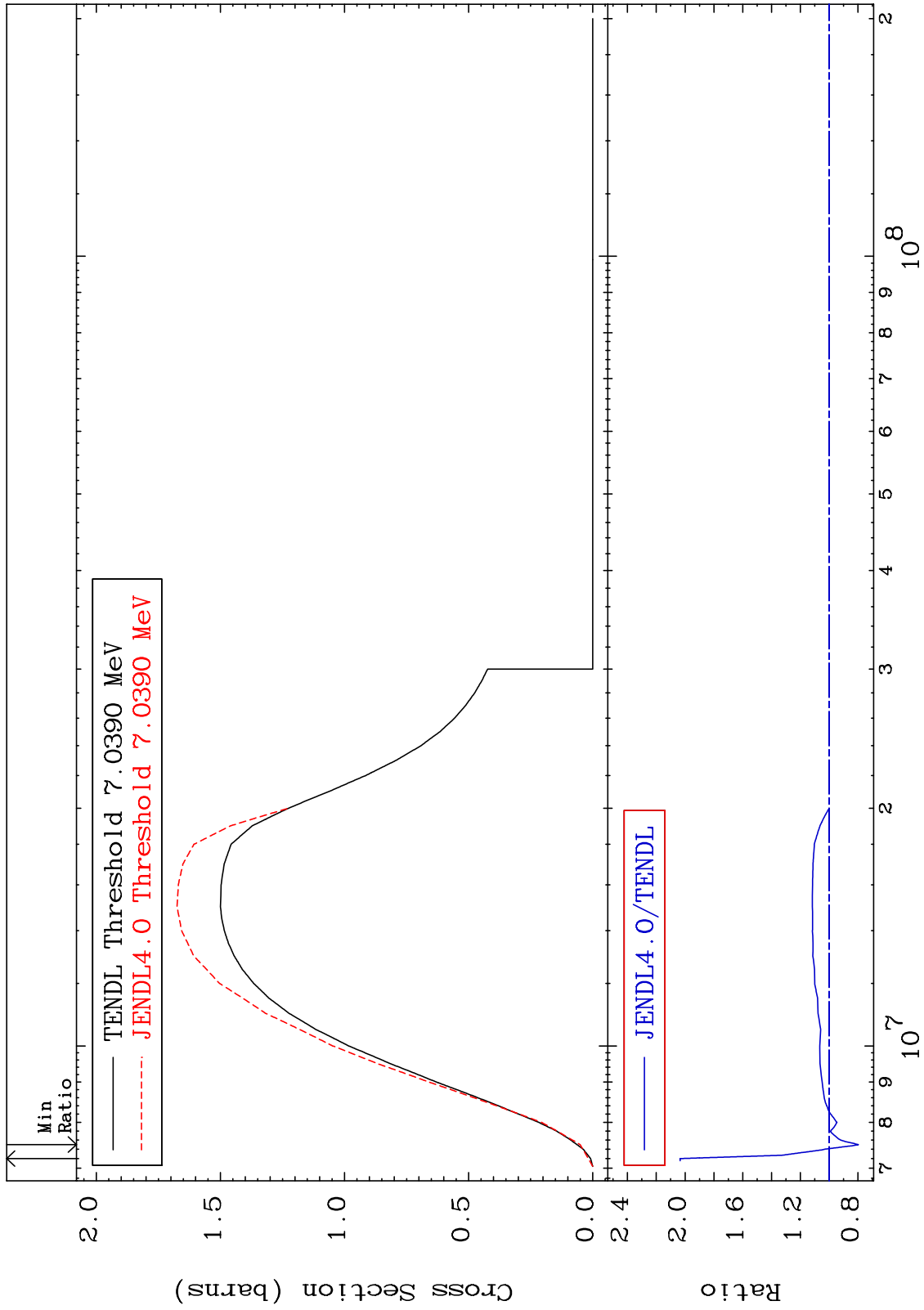
Elastic  
Cross Section

48-Cd-111  
-98.92 To 9999. %





MAT 4840 (n,2n) Cross Section 48-Cd-111 -20.31 To 103.5 %



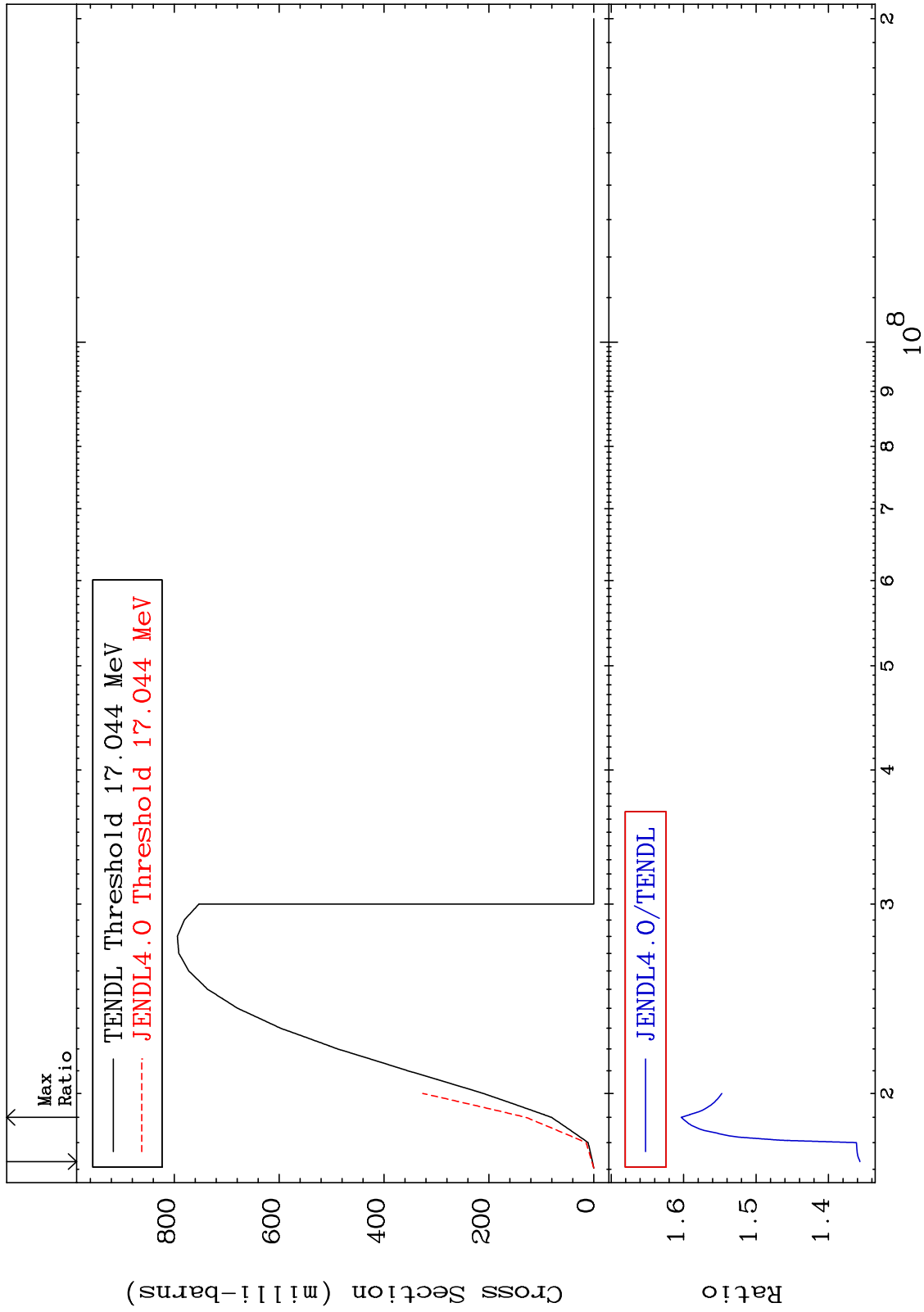
MAT 4840

(n,3n)

48-Cd-111

Cross Section

35.66 To 60.33 %



5

Incident Energy (eV)

48-Cd-111

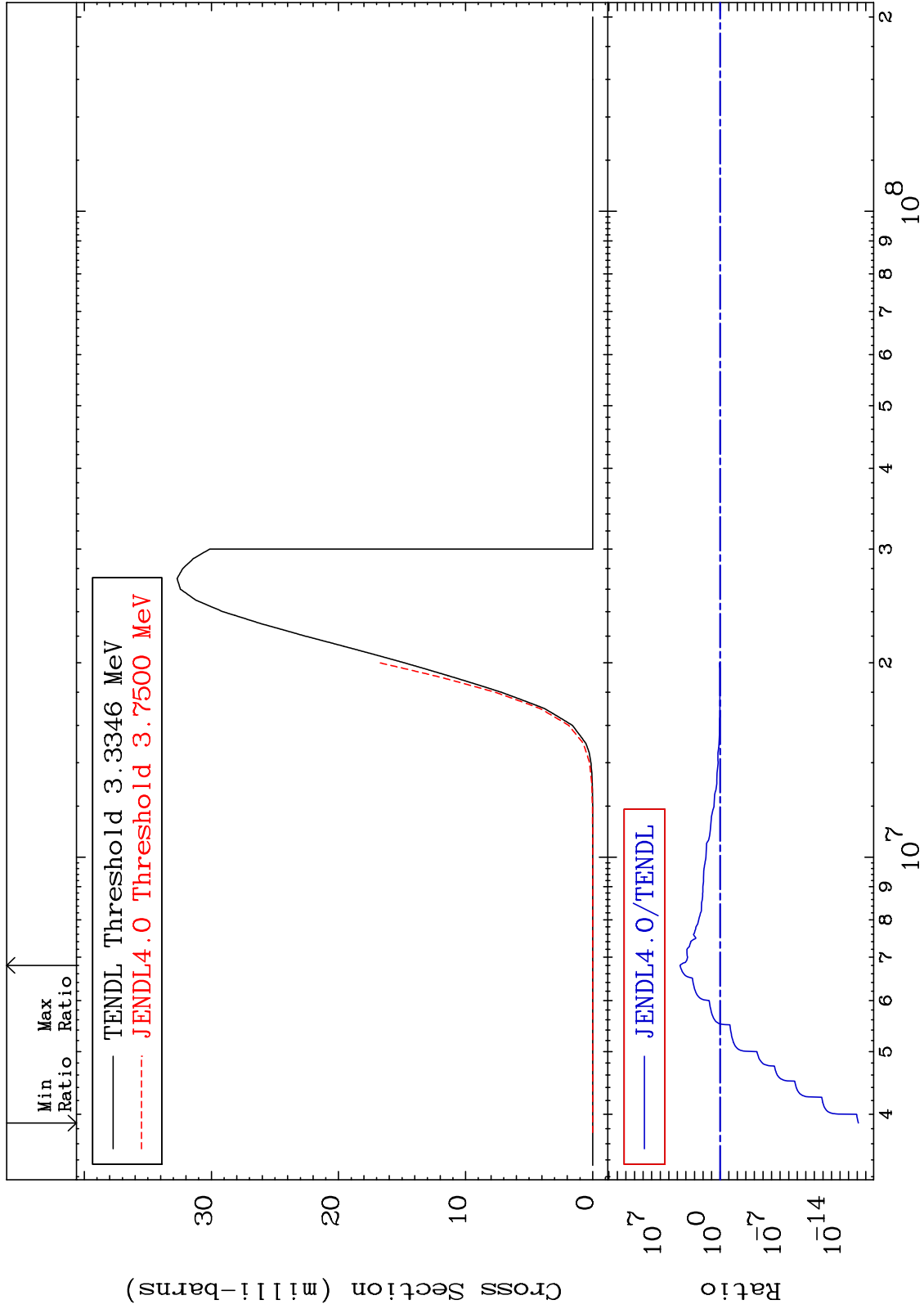
MAT 4840

(n,n')  $\alpha$

48-Cd-111

-100.0 To 9999. %

Cross Section



48-Cd-111

Incident Energy (eV)

6

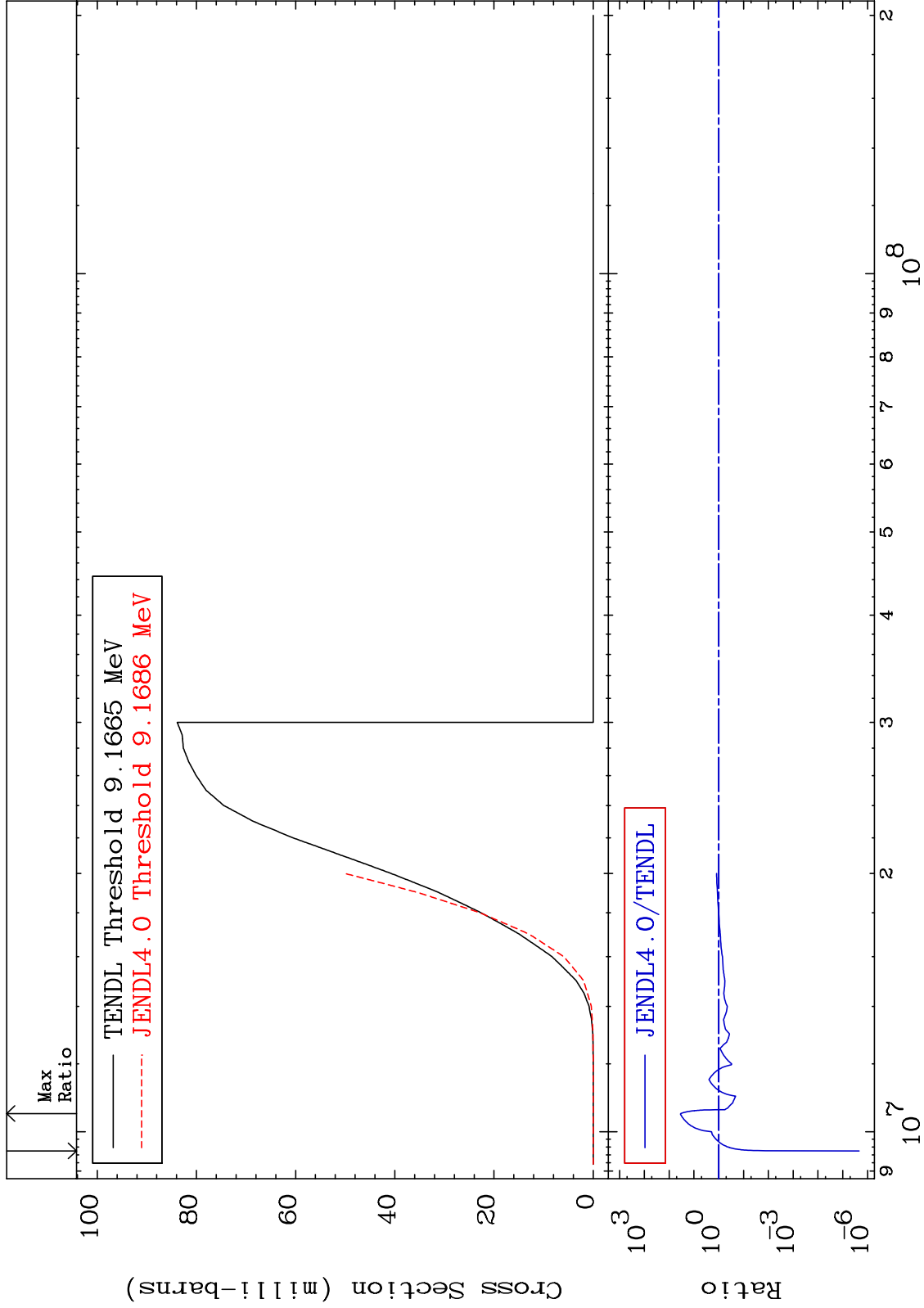
MAT 4840

(n,n') p

48-Cd-111

Cross Section

-100.0 To 3348. %



Incident Energy (eV)

48-Cd-111



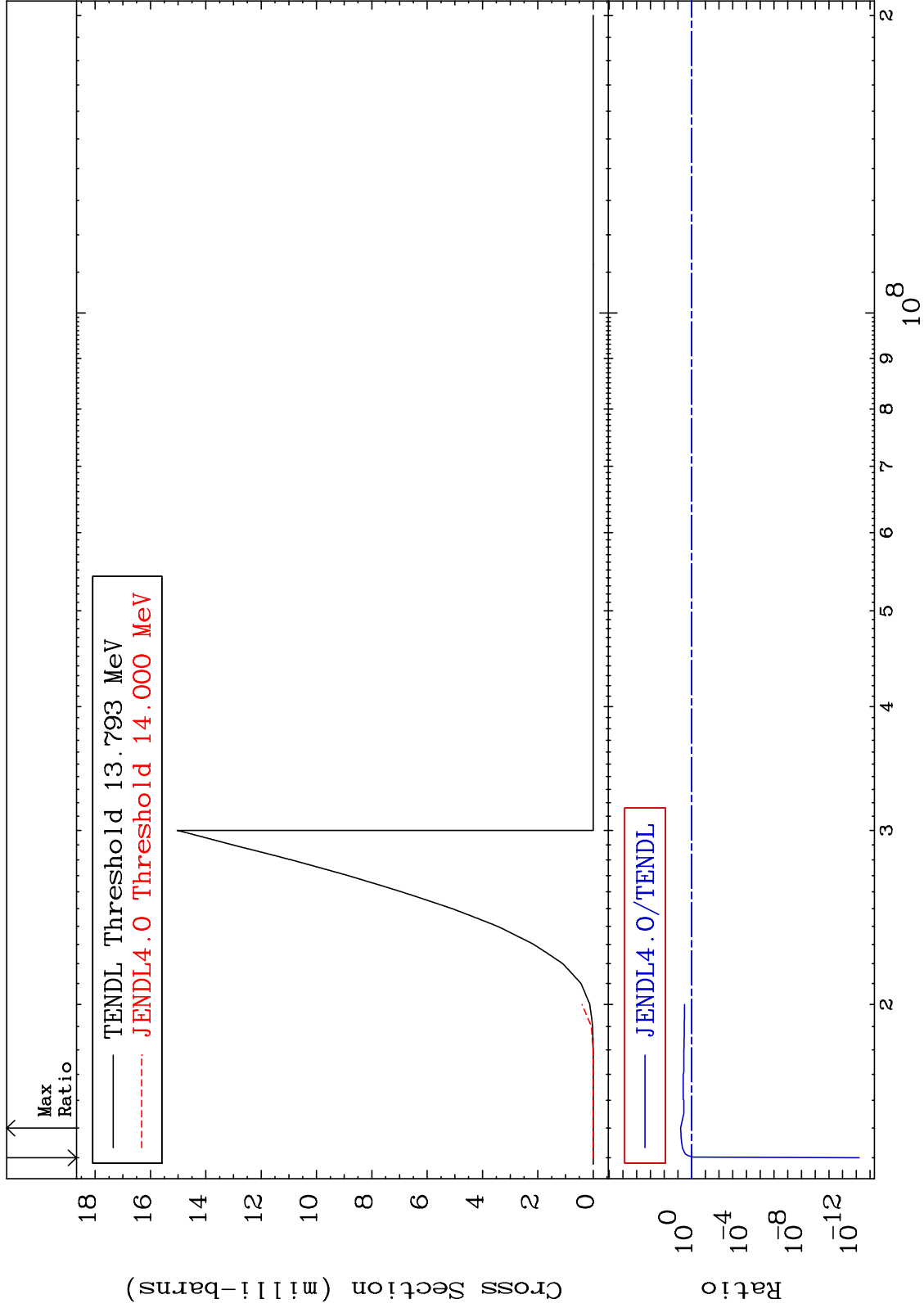
MAT 4840

(n,n') d

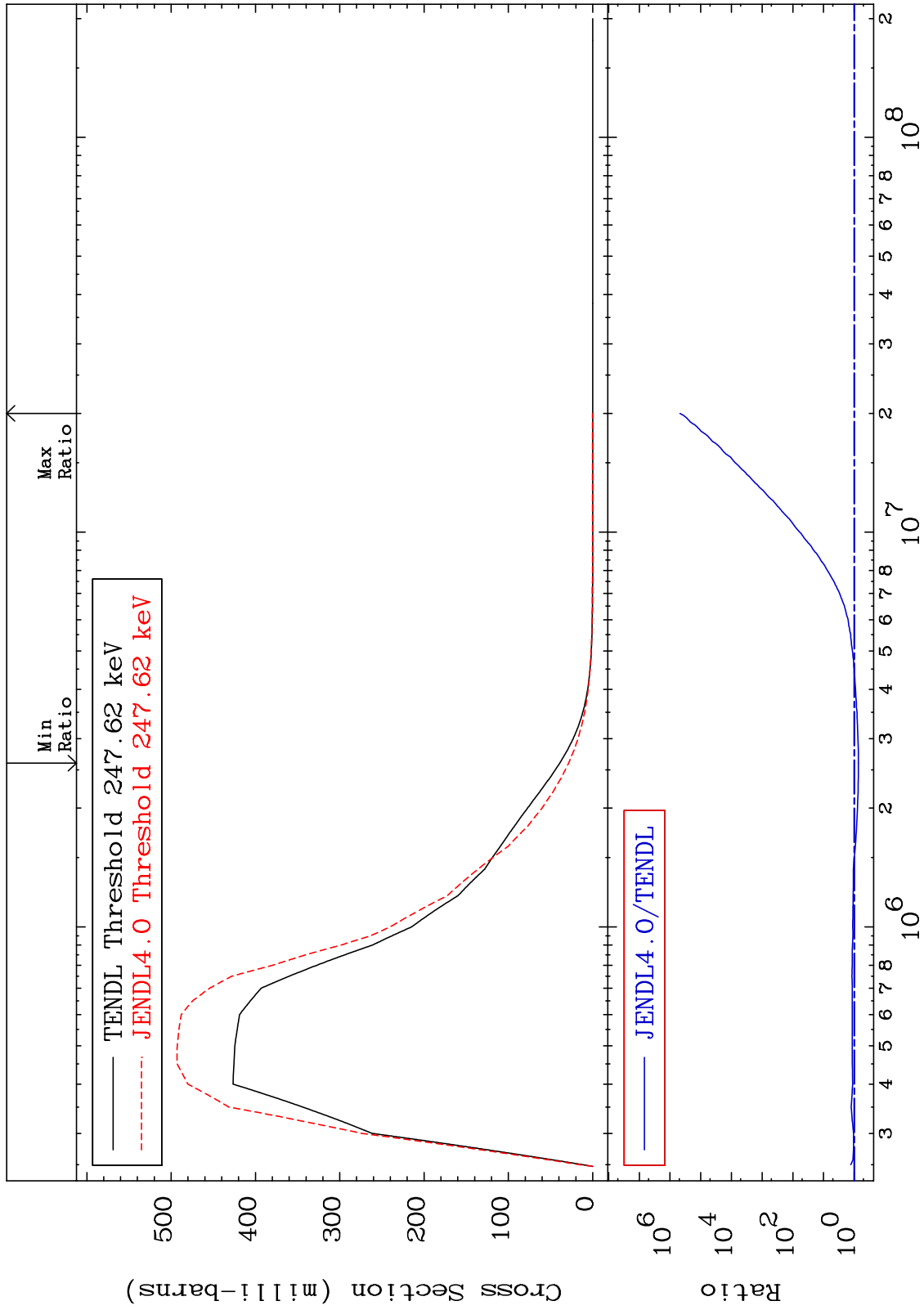
48-Cd-111

Cross Section

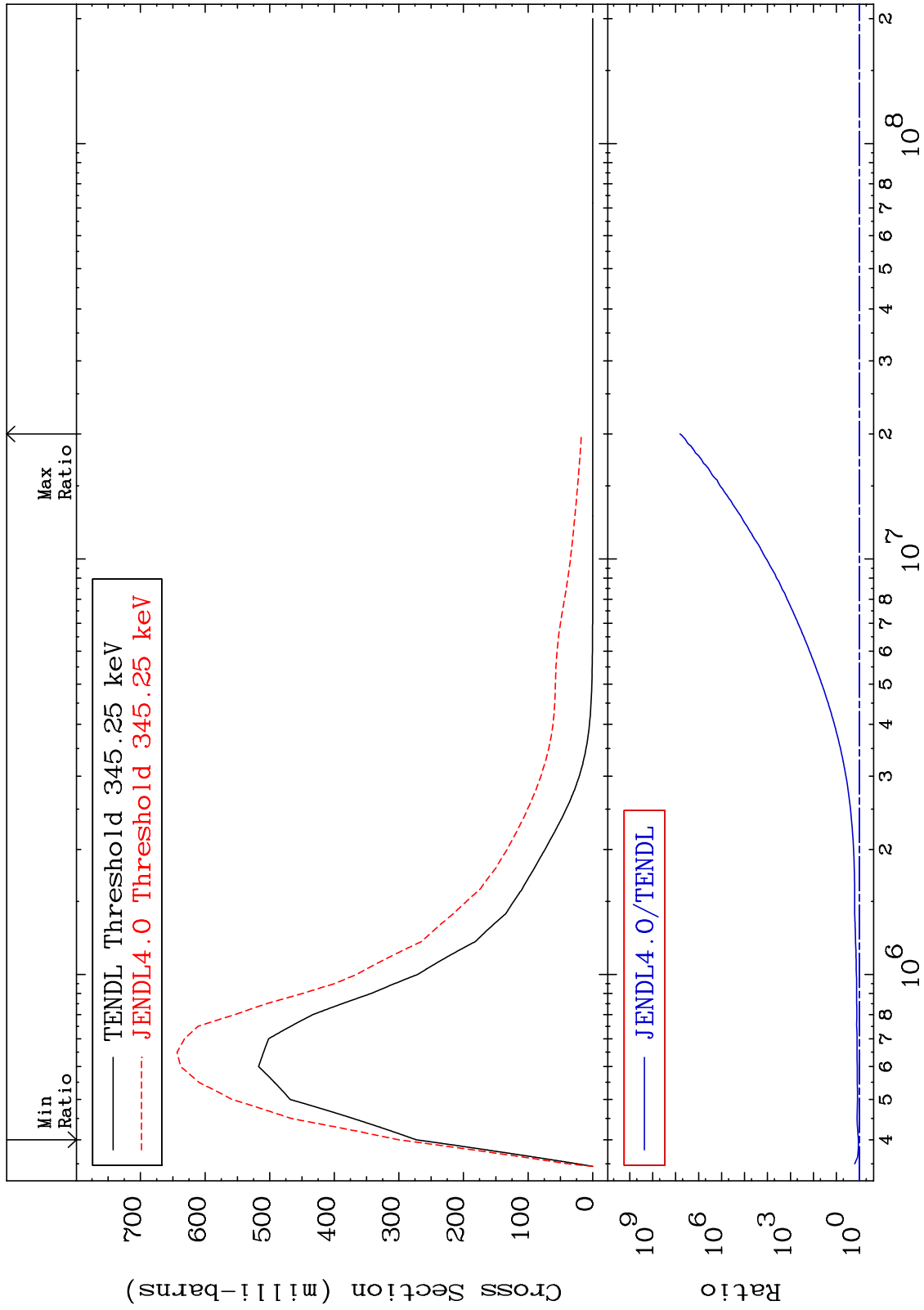
-100.0 To 533.6 %



MAT 4840      MT= 51 (n,n') Level      48-Cd-111  
 Cross Section      -26.89 To 9999. %



MAT 4840      MT= 52 (n,n') Level Cross Section      48-Cd-111  
9.849 To 9999. %

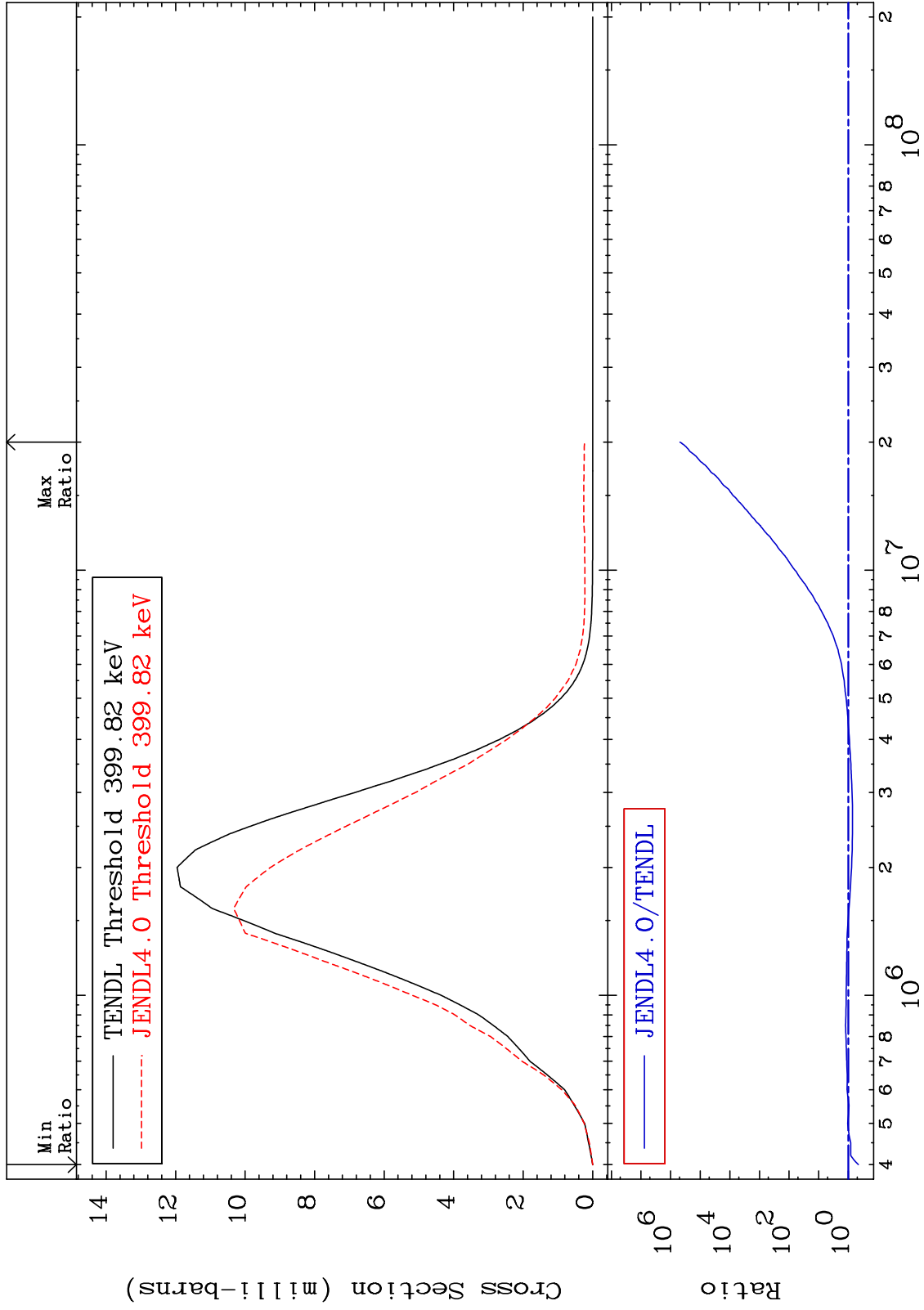


10      Incident Energy (eV)      48-Cd-111

MAT 4840

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

48-Cd-111  
-54.40 To 9999. %



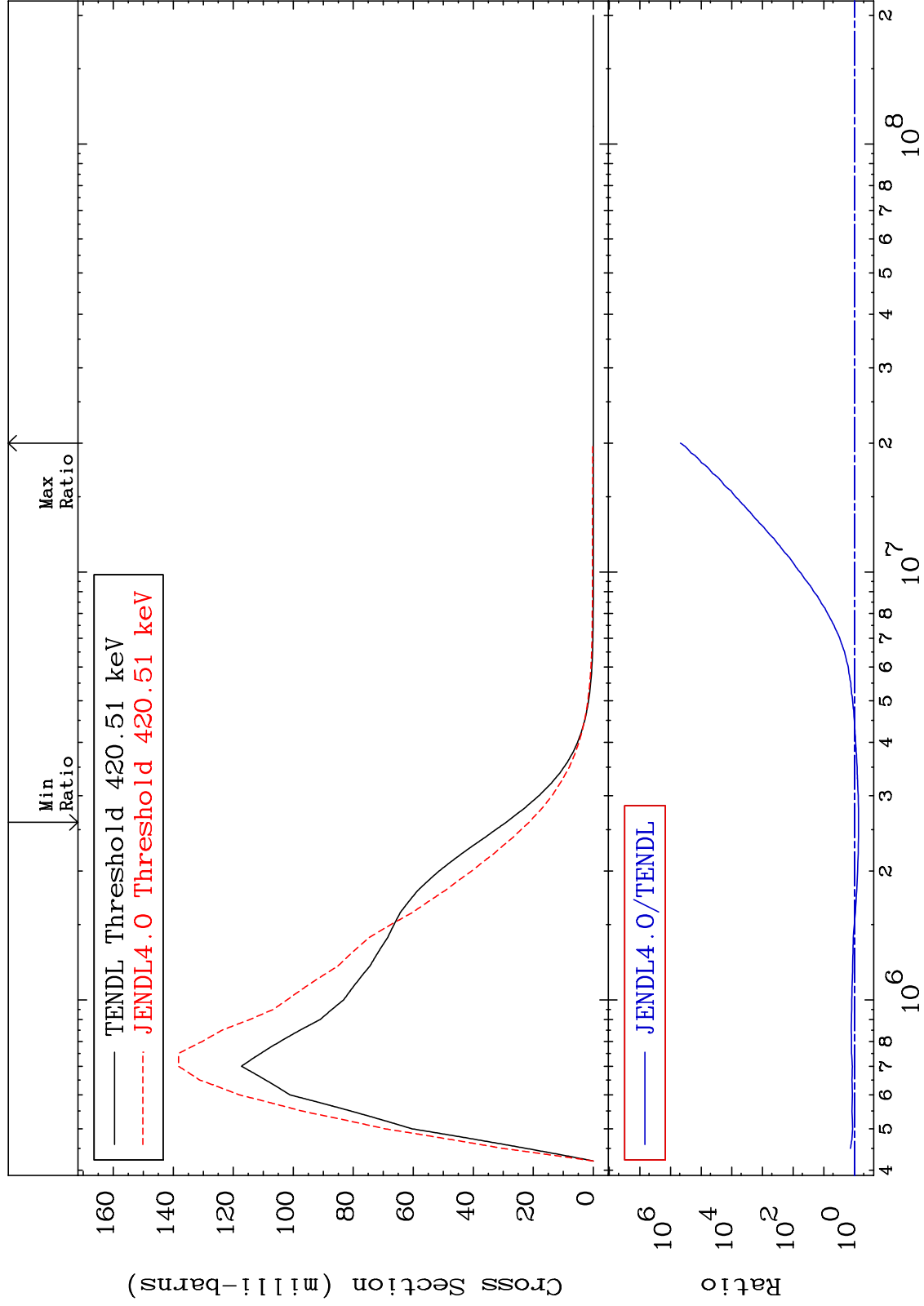
11

48-Cd-111

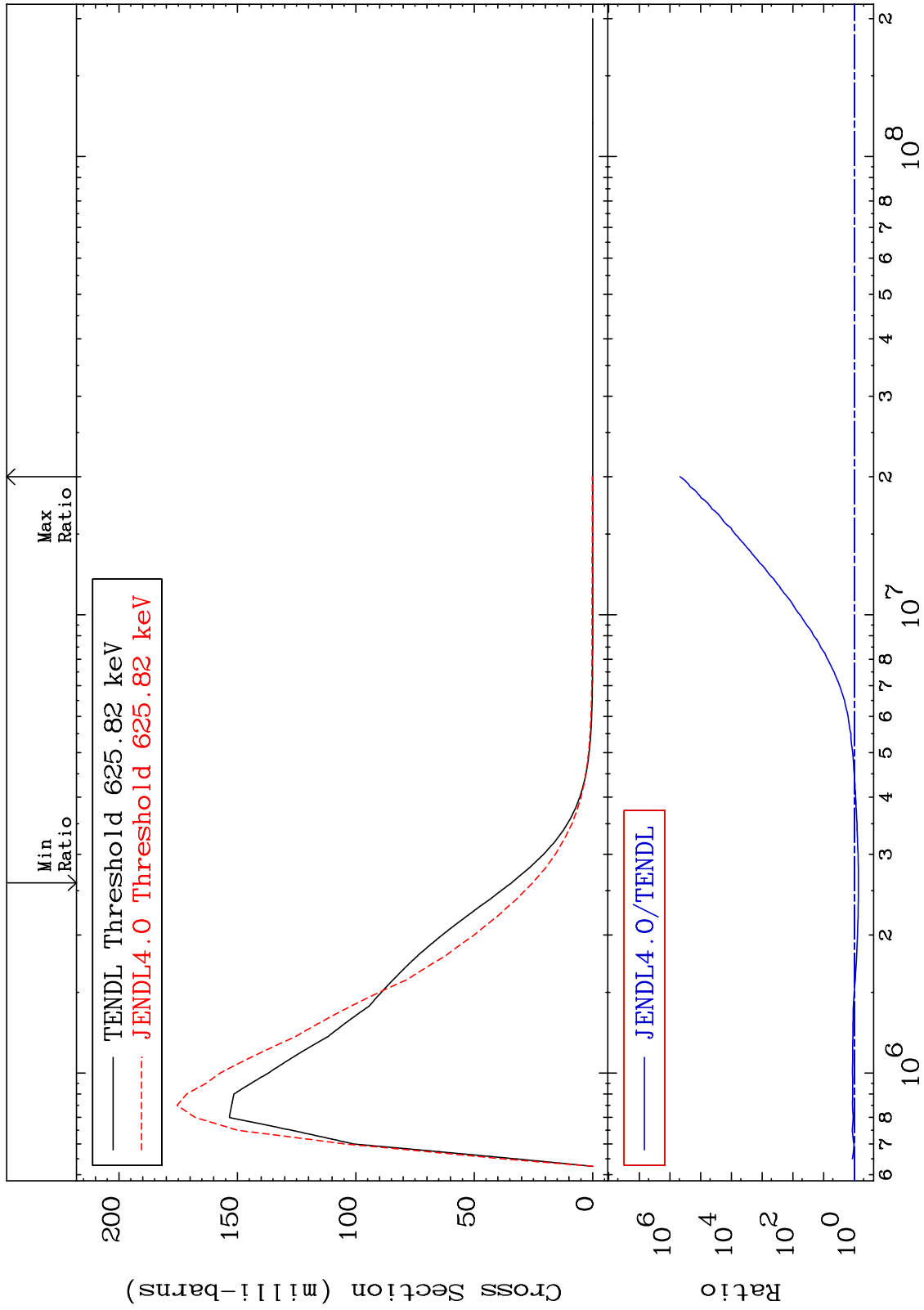
MAT 4840

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

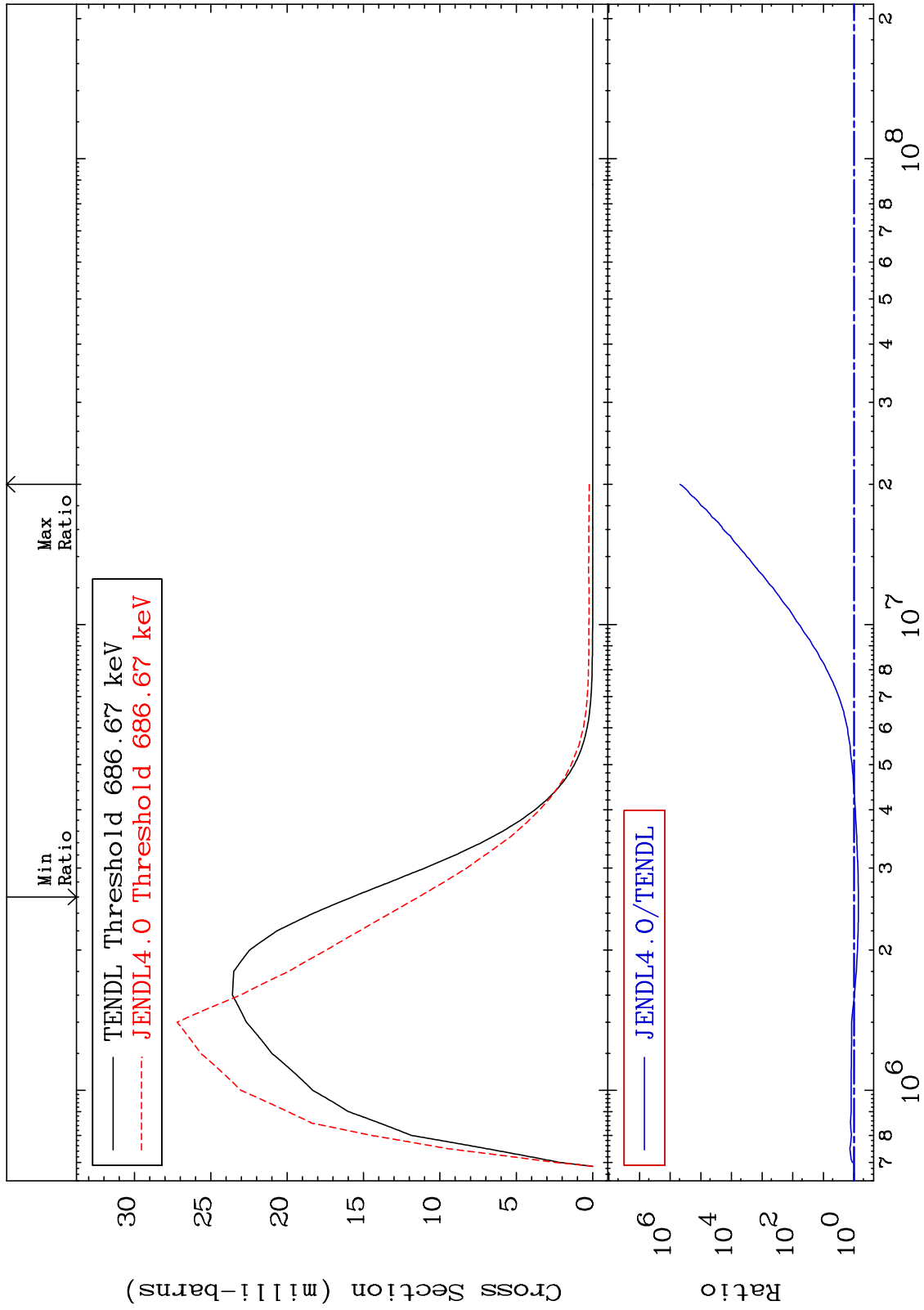
48-Cd-111  
-26.22 To 9999. %



MAT 4840      MT= 55 (n,n') Level      48-Cd-111  
 Cross Section      -26.14 To 9999. %



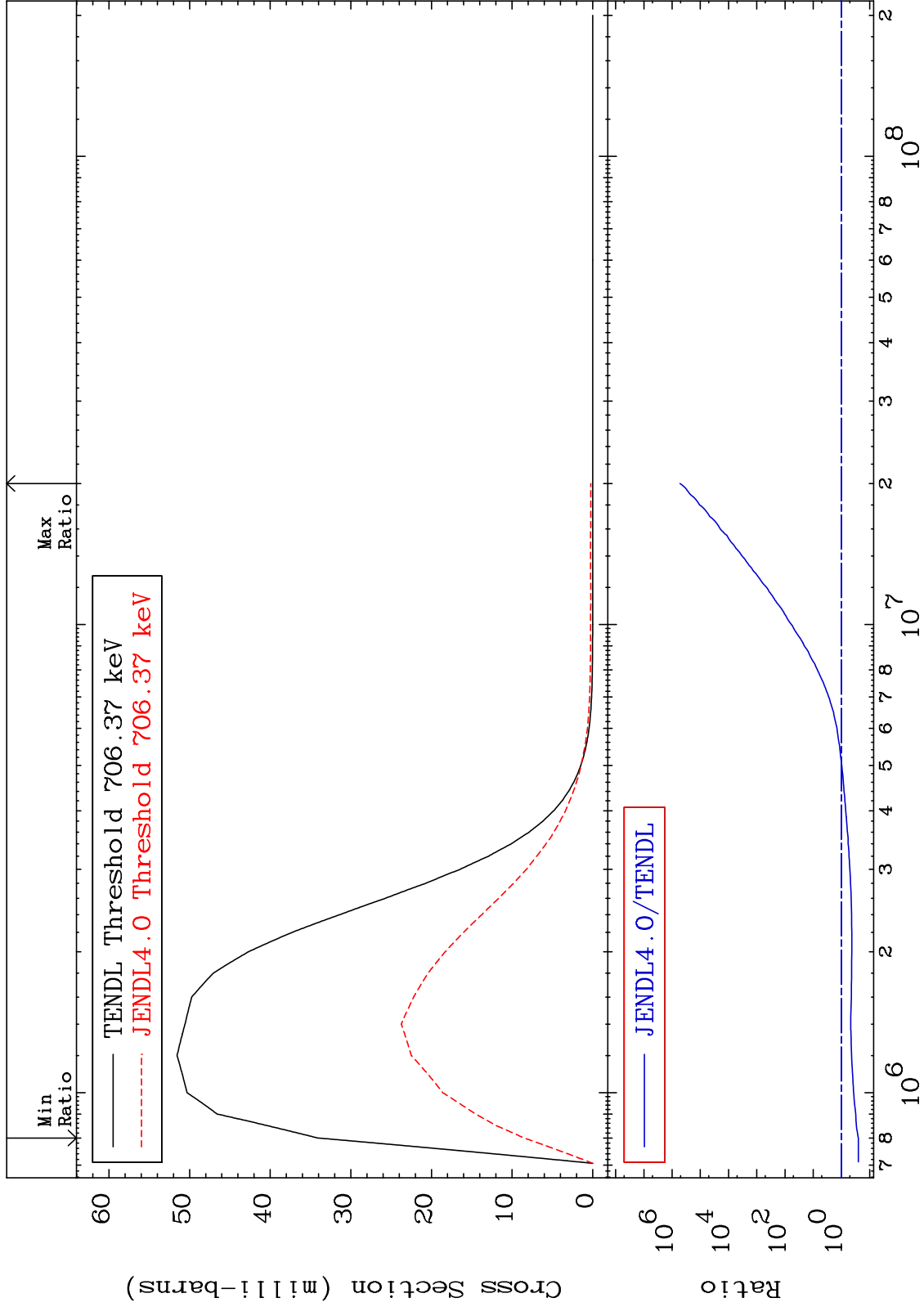
MAT 4840      MT= 56 (n,n') Level      48-Cd-111  
Cross Section      -27.61 To 9999. %



MAT 4840

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

48-Cd-111  
-75.04 To 9999. %



15

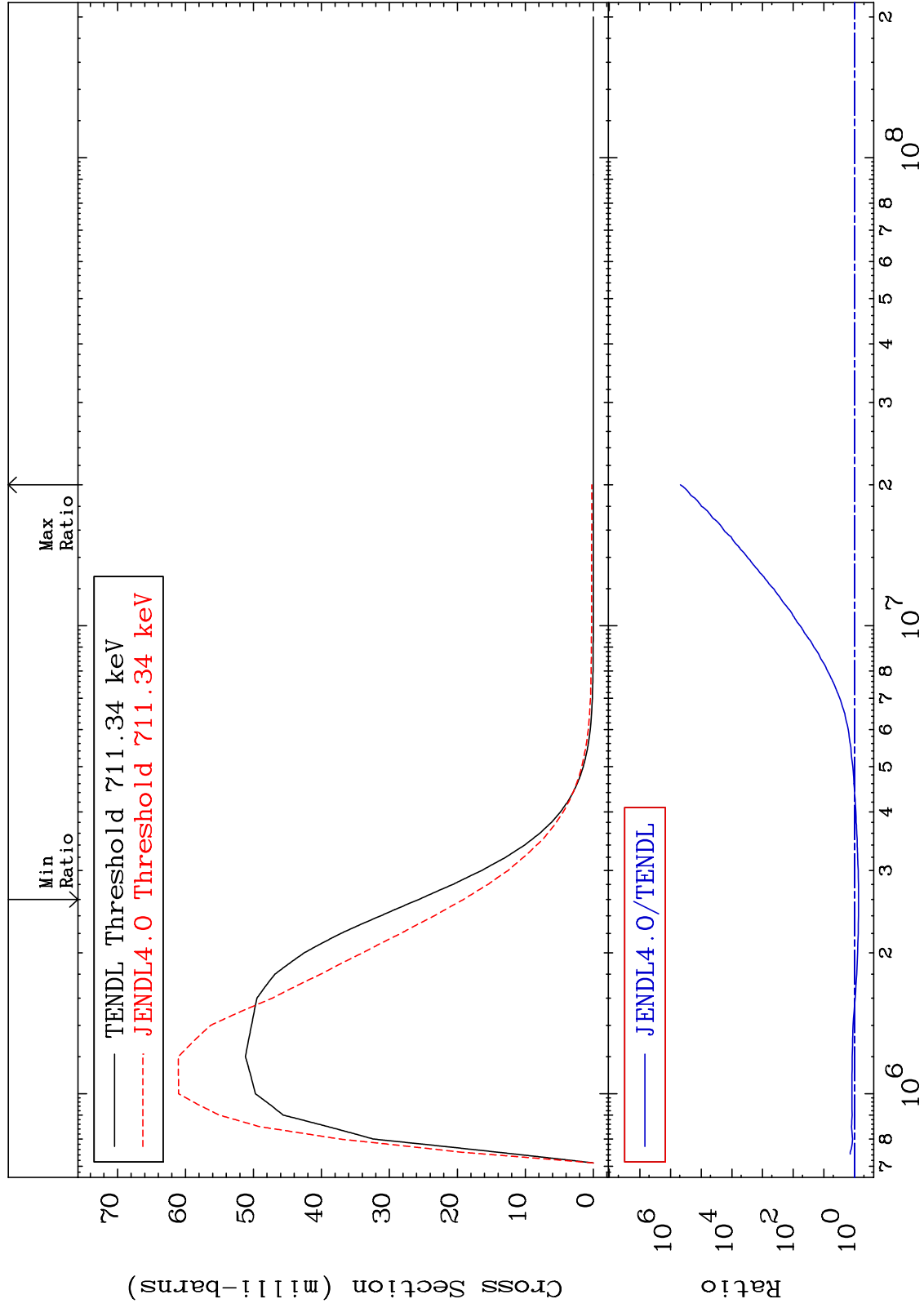
48-Cd-111



MAT 4840

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

48-Cd-111  
-25.59 To 9999. %



16

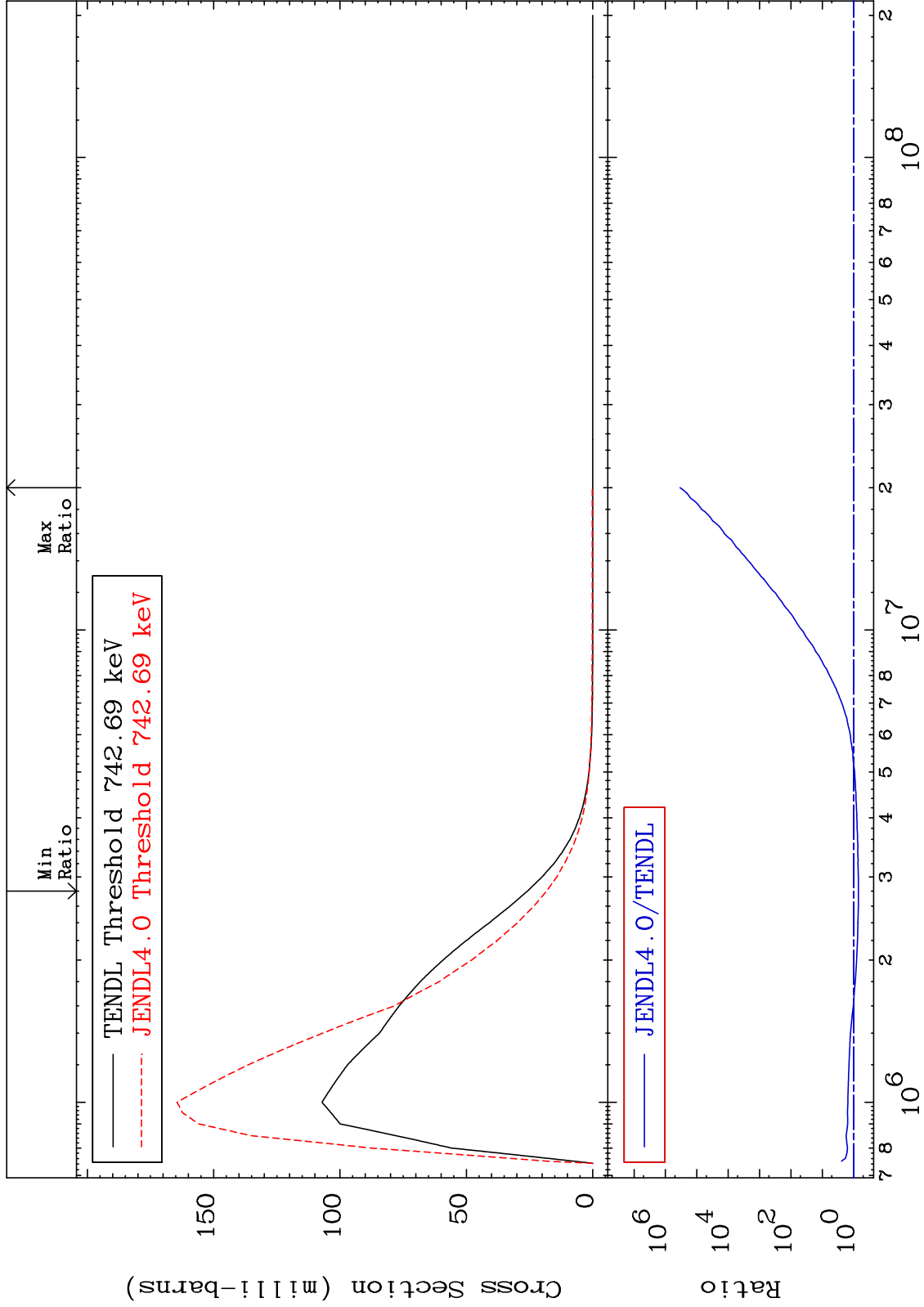
Incident Energy (eV)

48-Cd-111

MAT 4840

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

48-Cd-111  
-29.36 To 9999. %



17

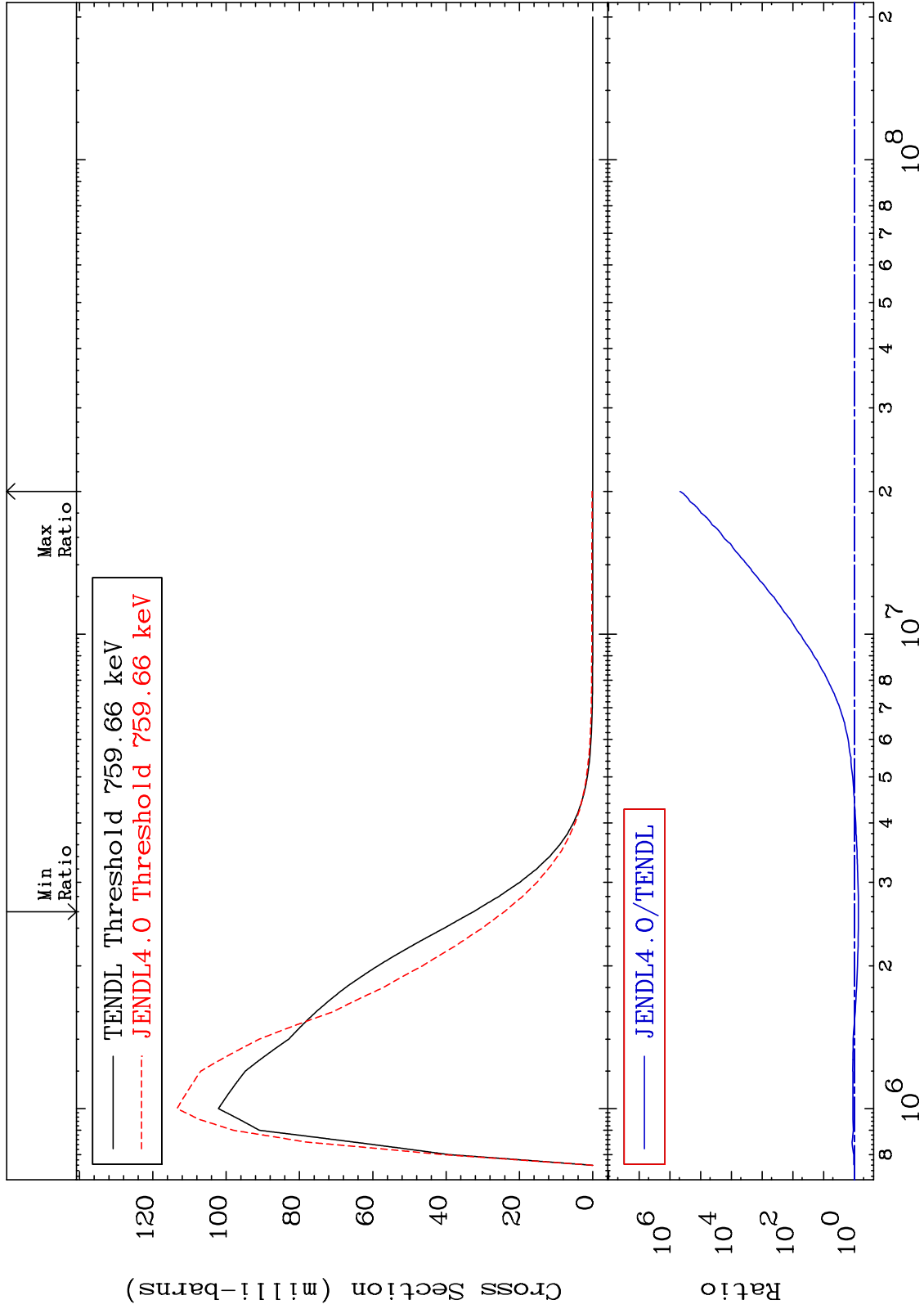
Incident Energy (eV)

48-Cd-111

MAT 4840

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

48-Cd-111  
-25.90 To 9999. %



18

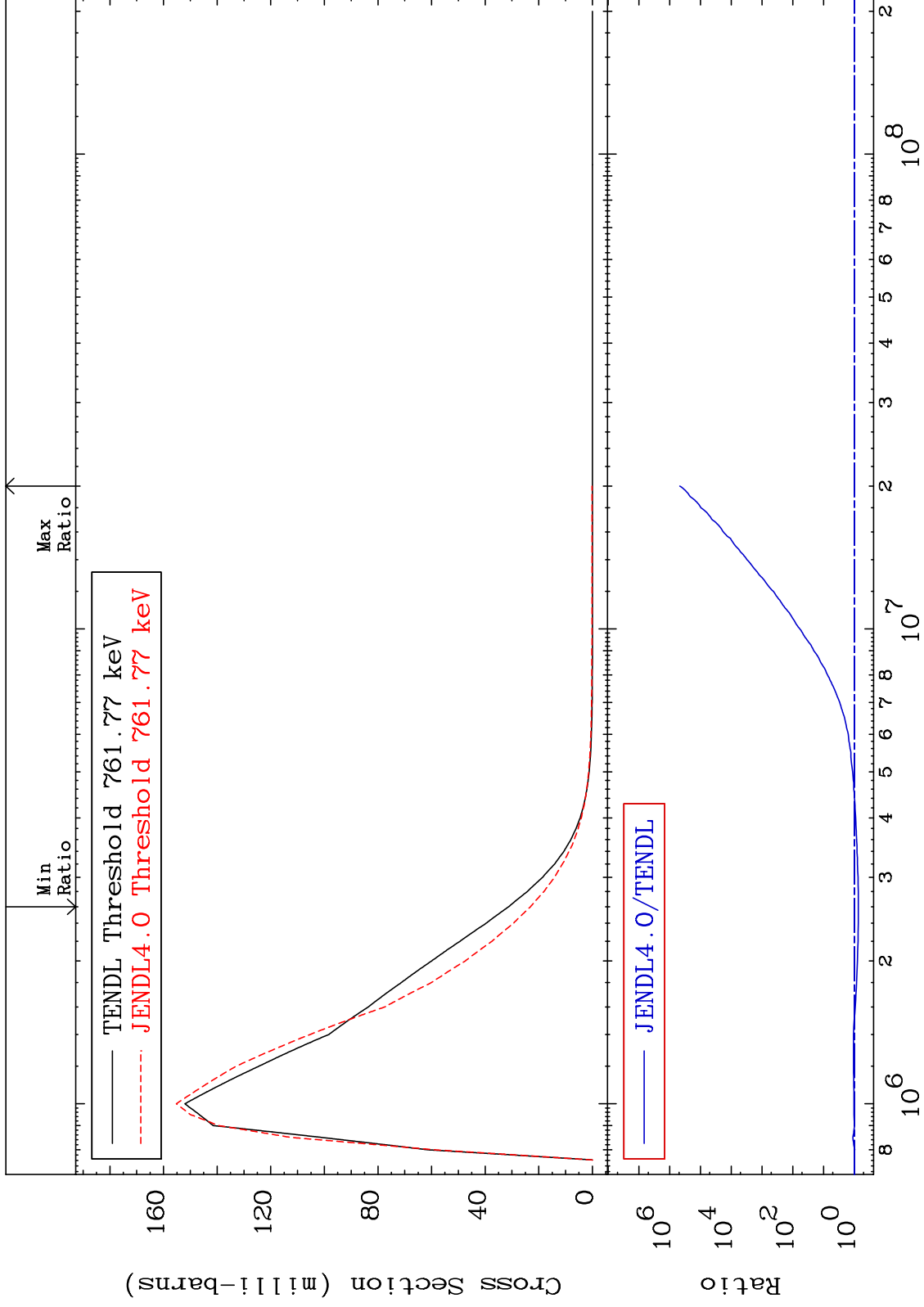
Incident Energy (eV)

48-Cd-111

MAT 4840

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

48-Cd-111  
-26.07 To 9999. %



19

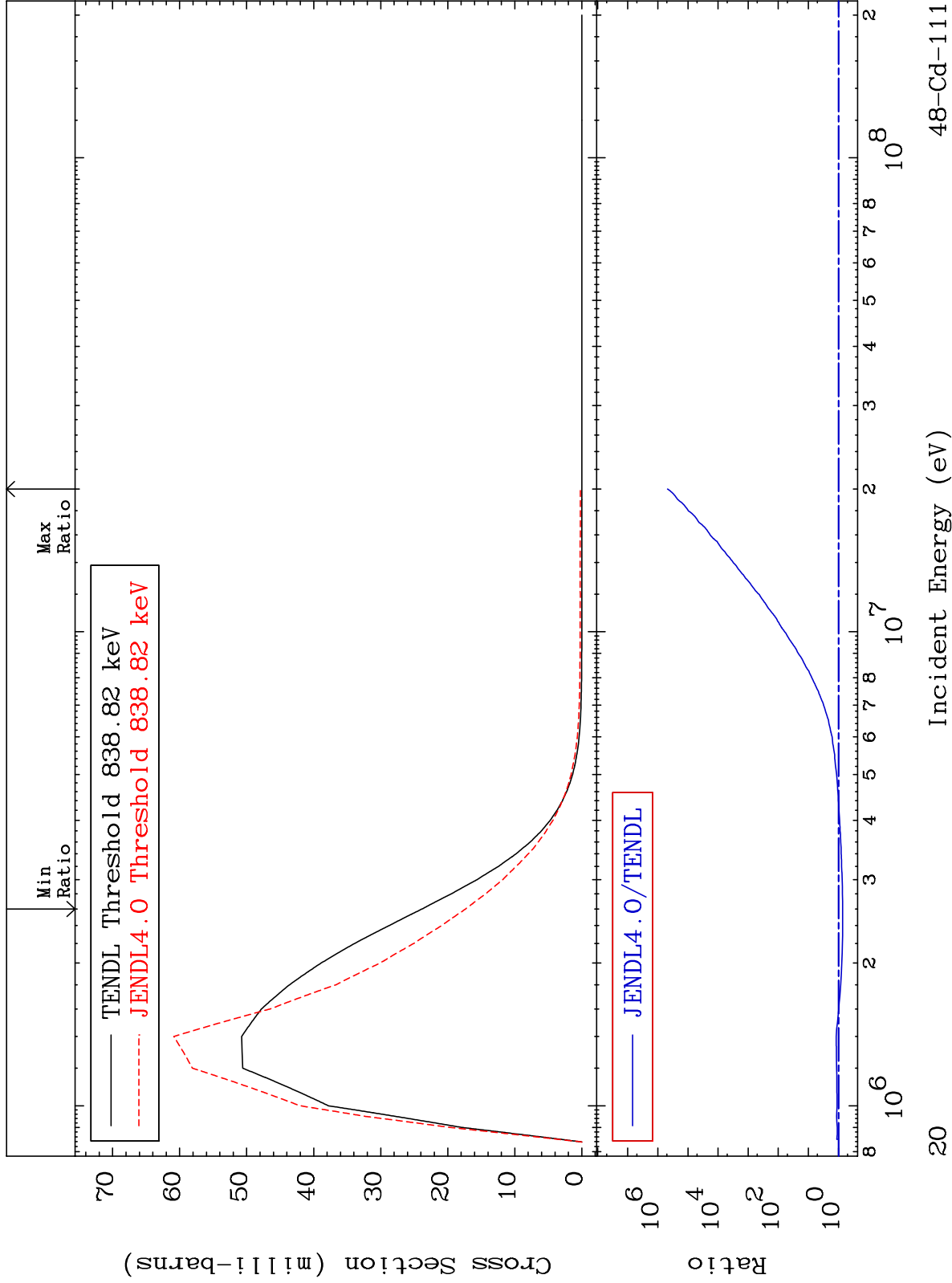
Incident Energy (eV)

48-Cd-111

MAT 4840

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

48-Cd-111  
-27.25 To 9999. %



48-Cd-111

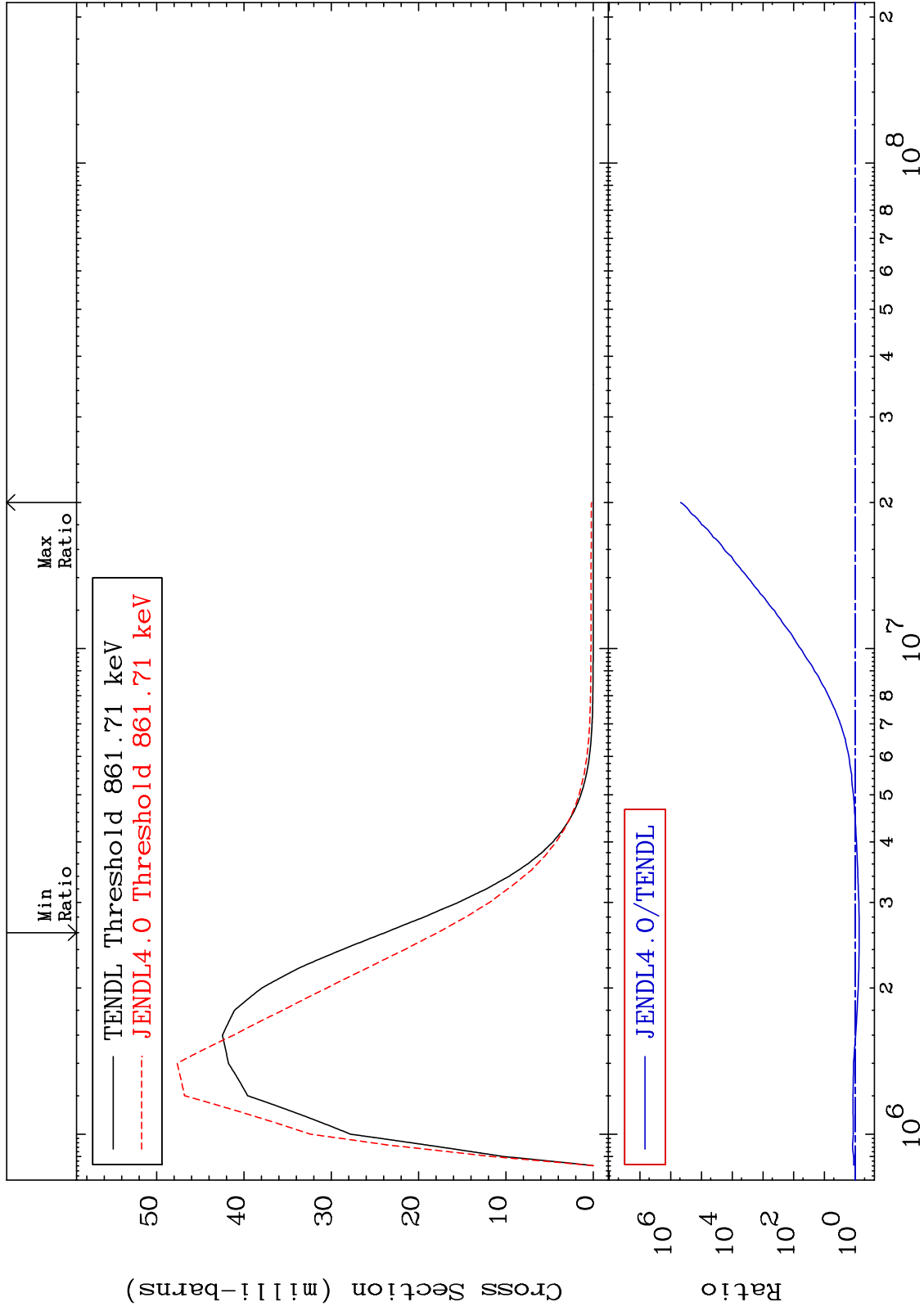
Incident Energy (eV)

20

MAT 4840

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

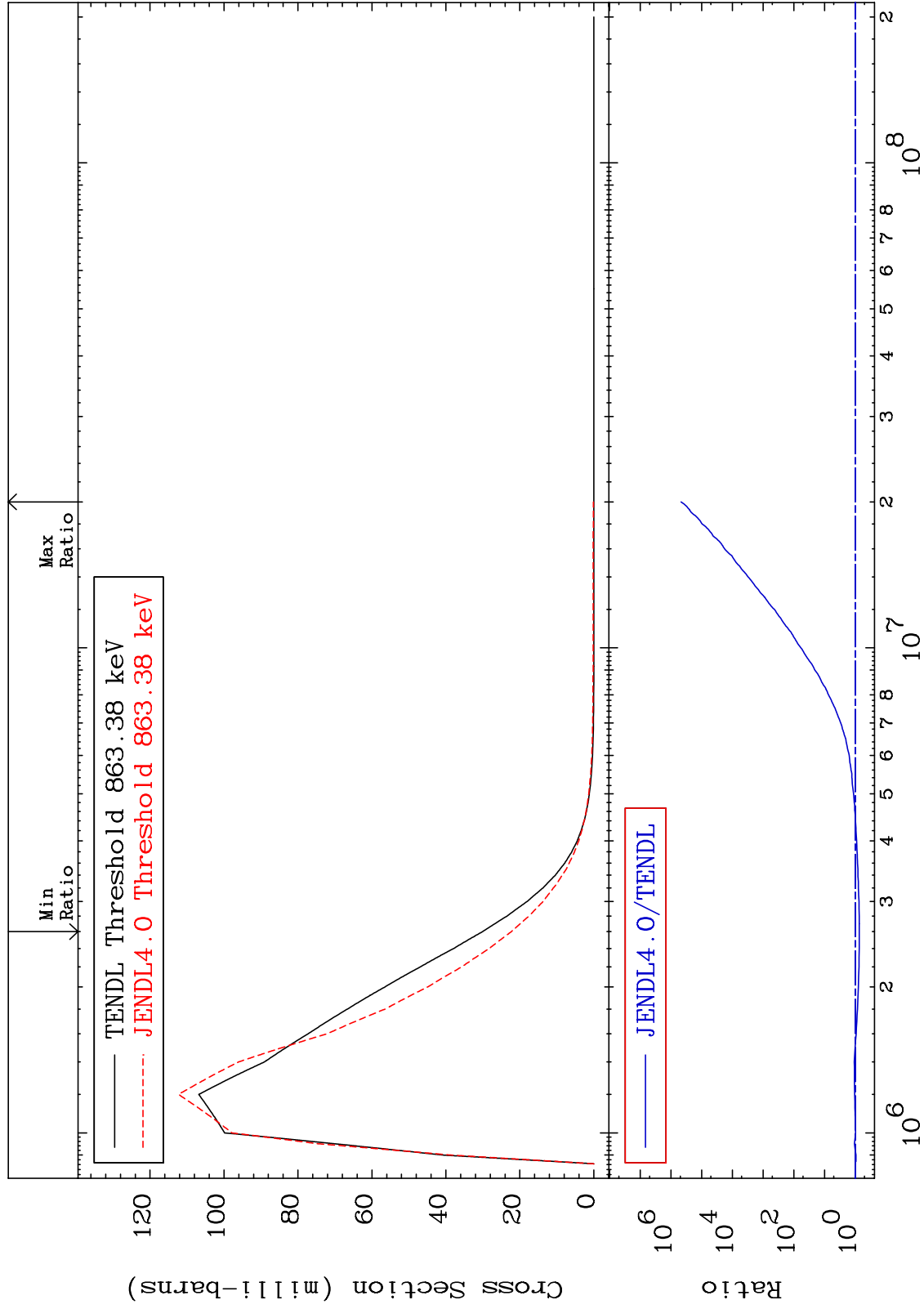
48-Cd-111  
-25.29 To 9999. %



MAT 4840

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

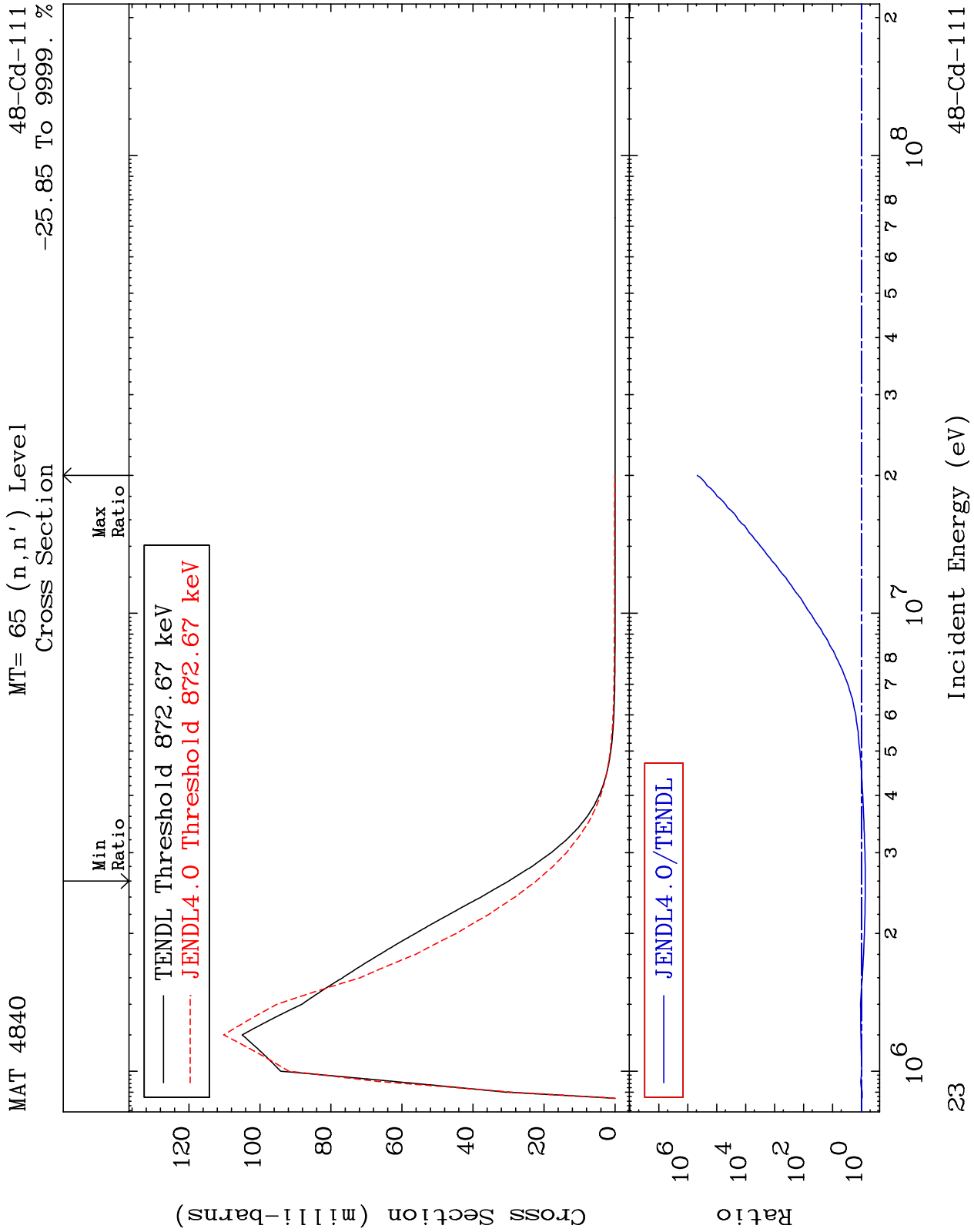
48-Cd-111  
-25.87 To 9999. %



22

Incident Energy (eV)

48-Cd-111



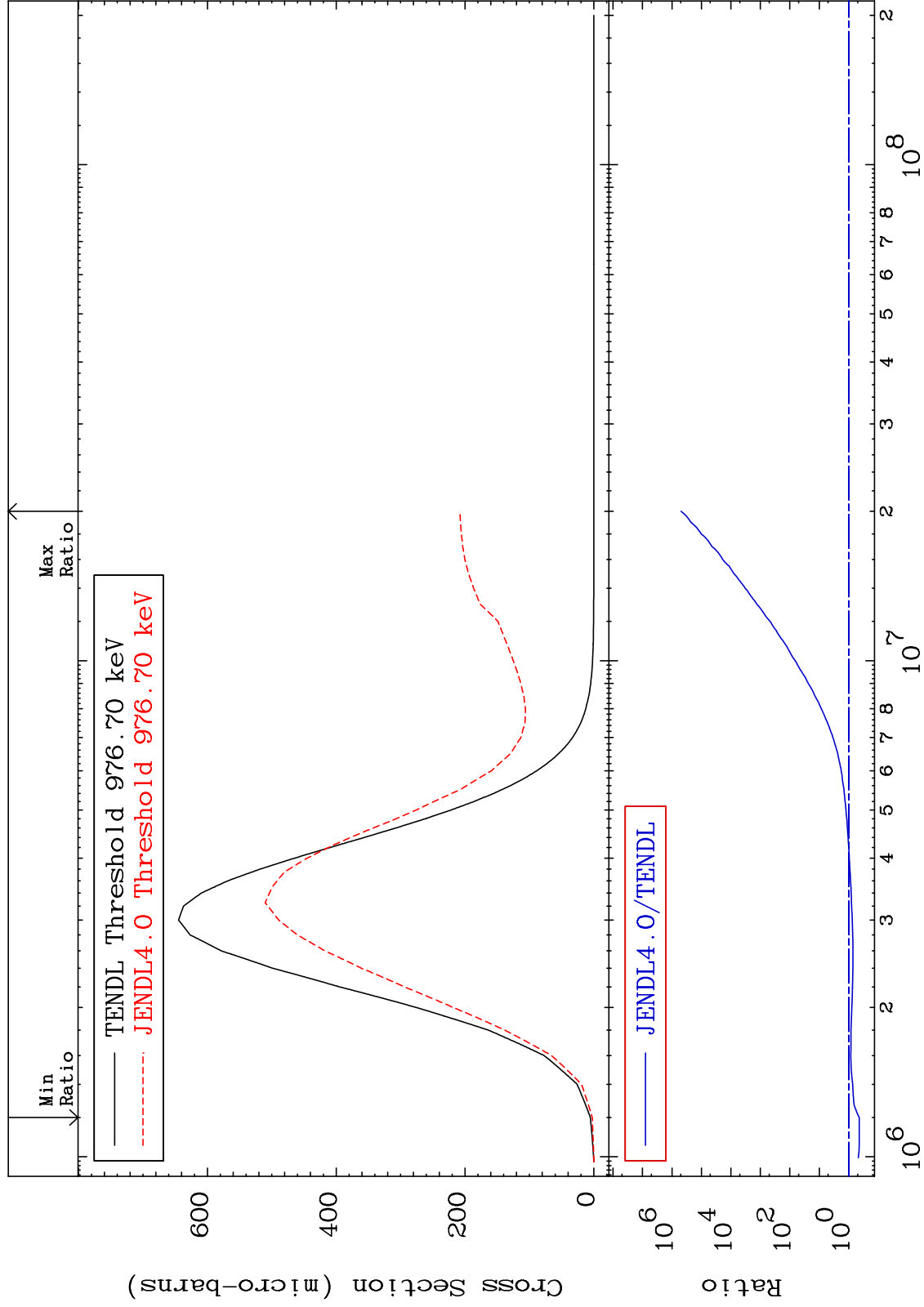




MAT 4840

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

48-Cd-111  
-56.06 To 9999. %

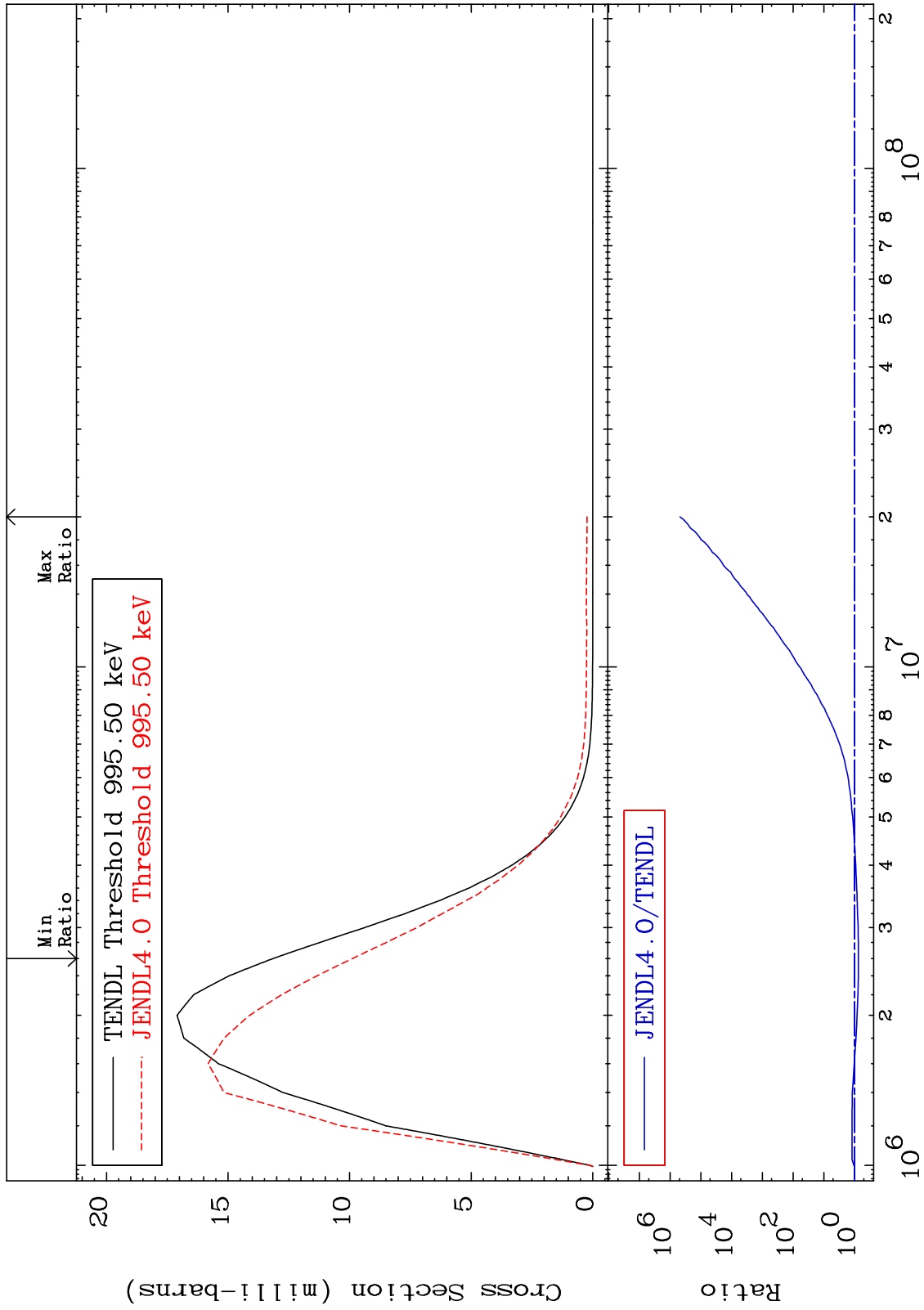


25

Incident Energy (eV)

48-Cd-111

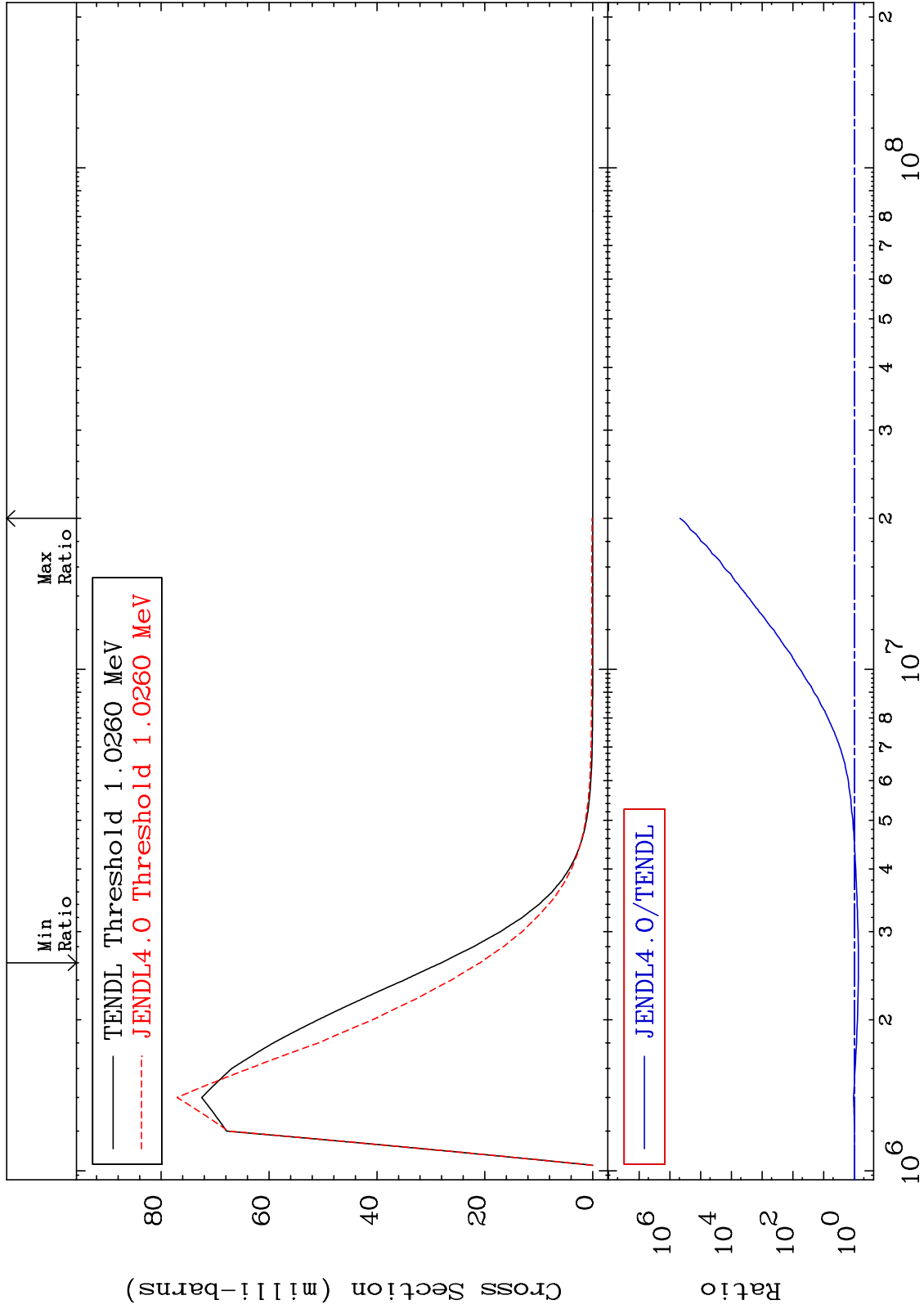
MAT 4840 MT= 68 (n,n') Level  
Cross Section 48-Cd-111  
-24.86 To 9999. %



MAT 4840

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

48-Cd-111  
-25.55 To 9999. %



27

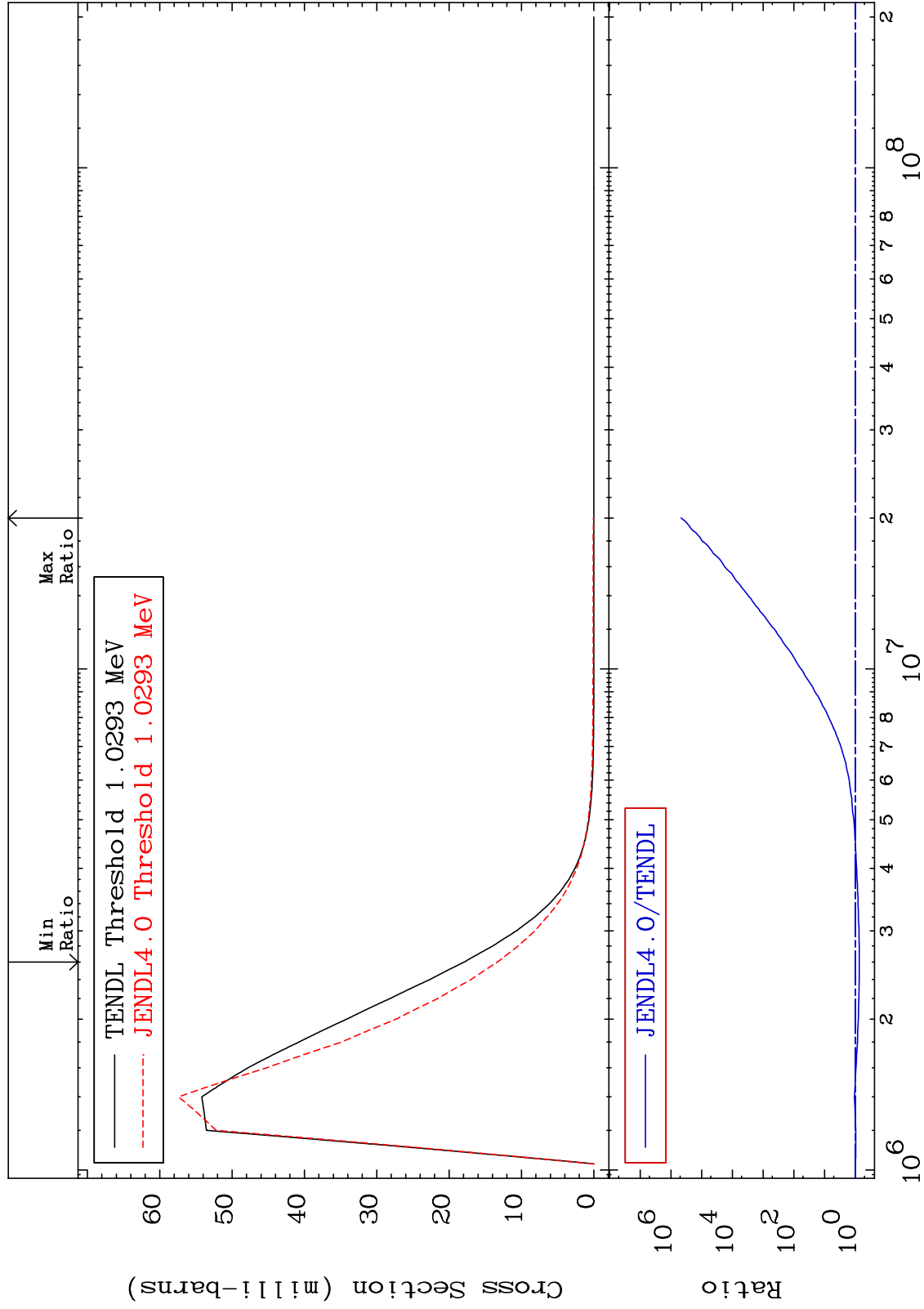
Incident Energy (eV)

48-Cd-111

MAT 4840

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

48-Cd-111  
-25.73 To 9999. %



28

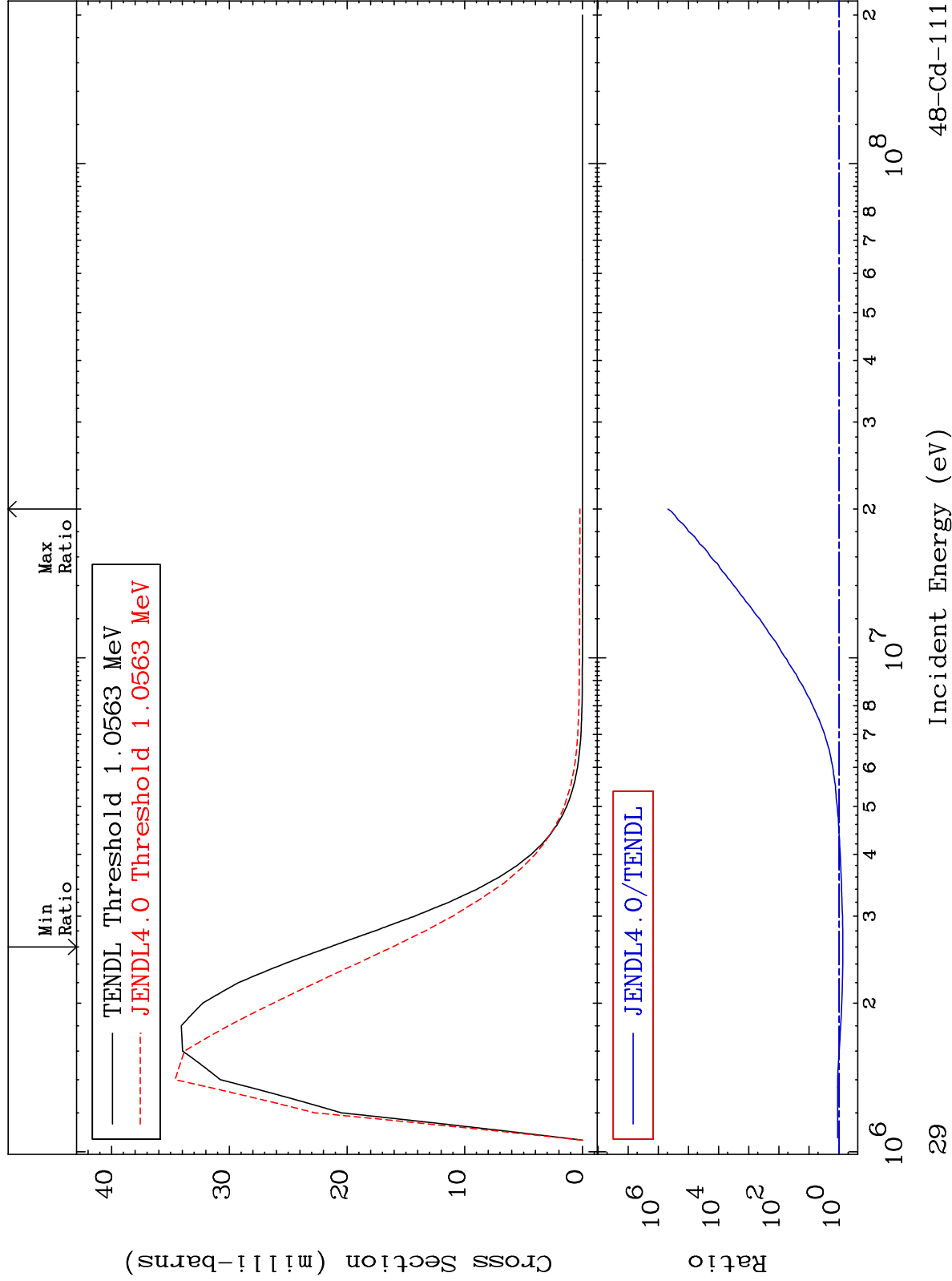
Incident Energy (eV)

48-Cd-111

MAT 4840

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

48-Cd-111  
-24.83 To 9999. %



48-Cd-111

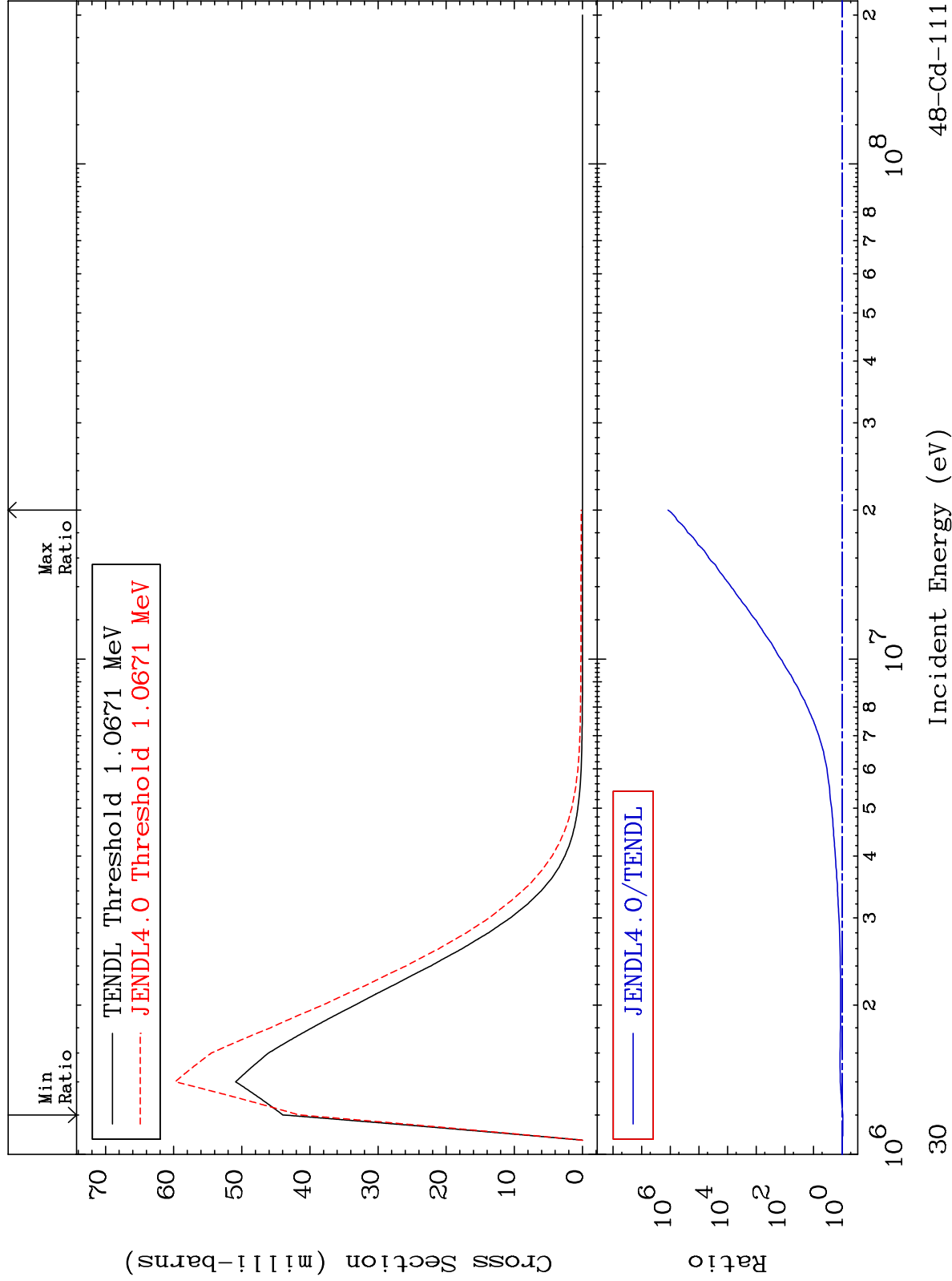
Incident Energy (eV)

29

MAT 4840

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

48-Cd-111  
-5.362 To 9999. %



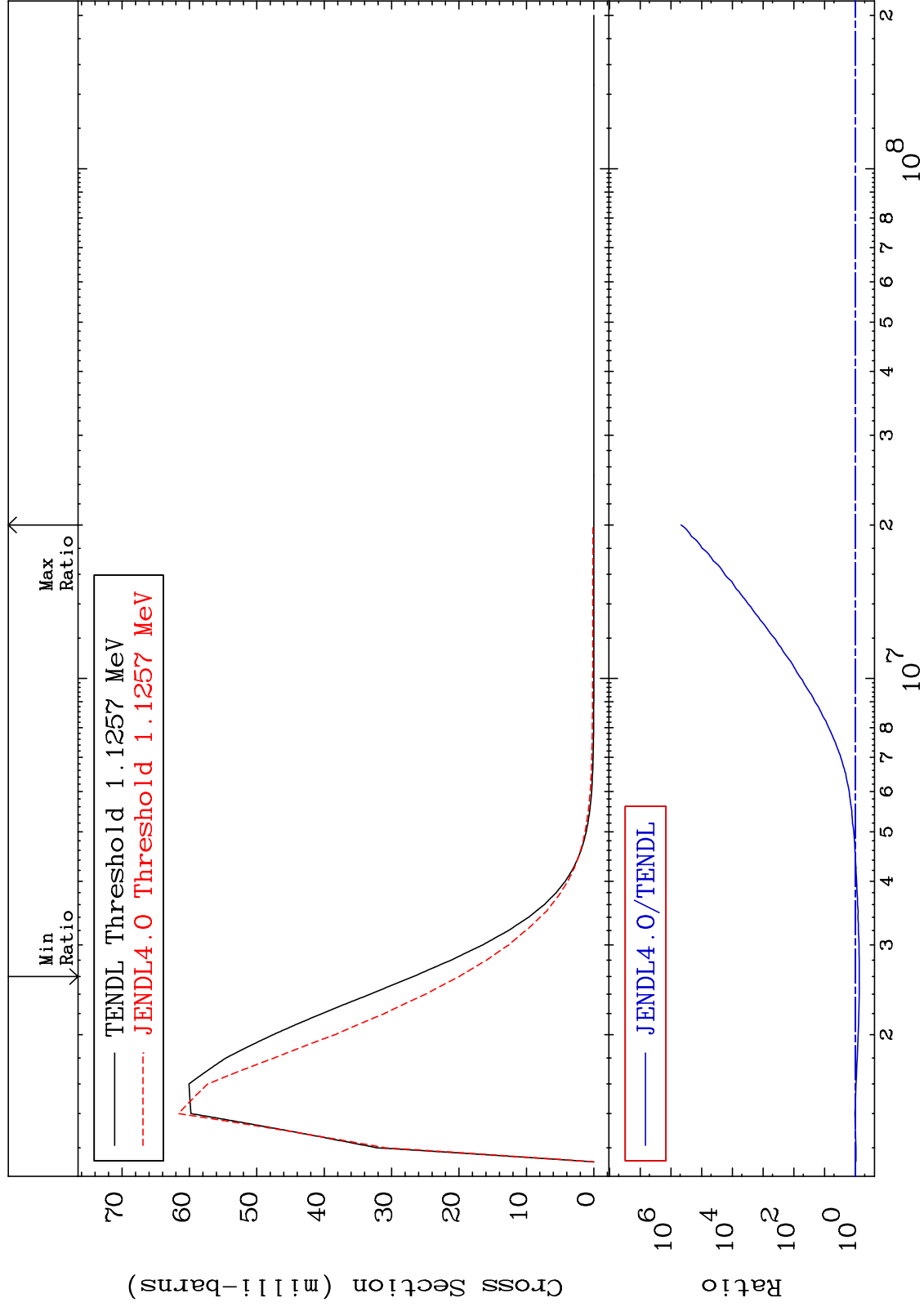




MAT 4840

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

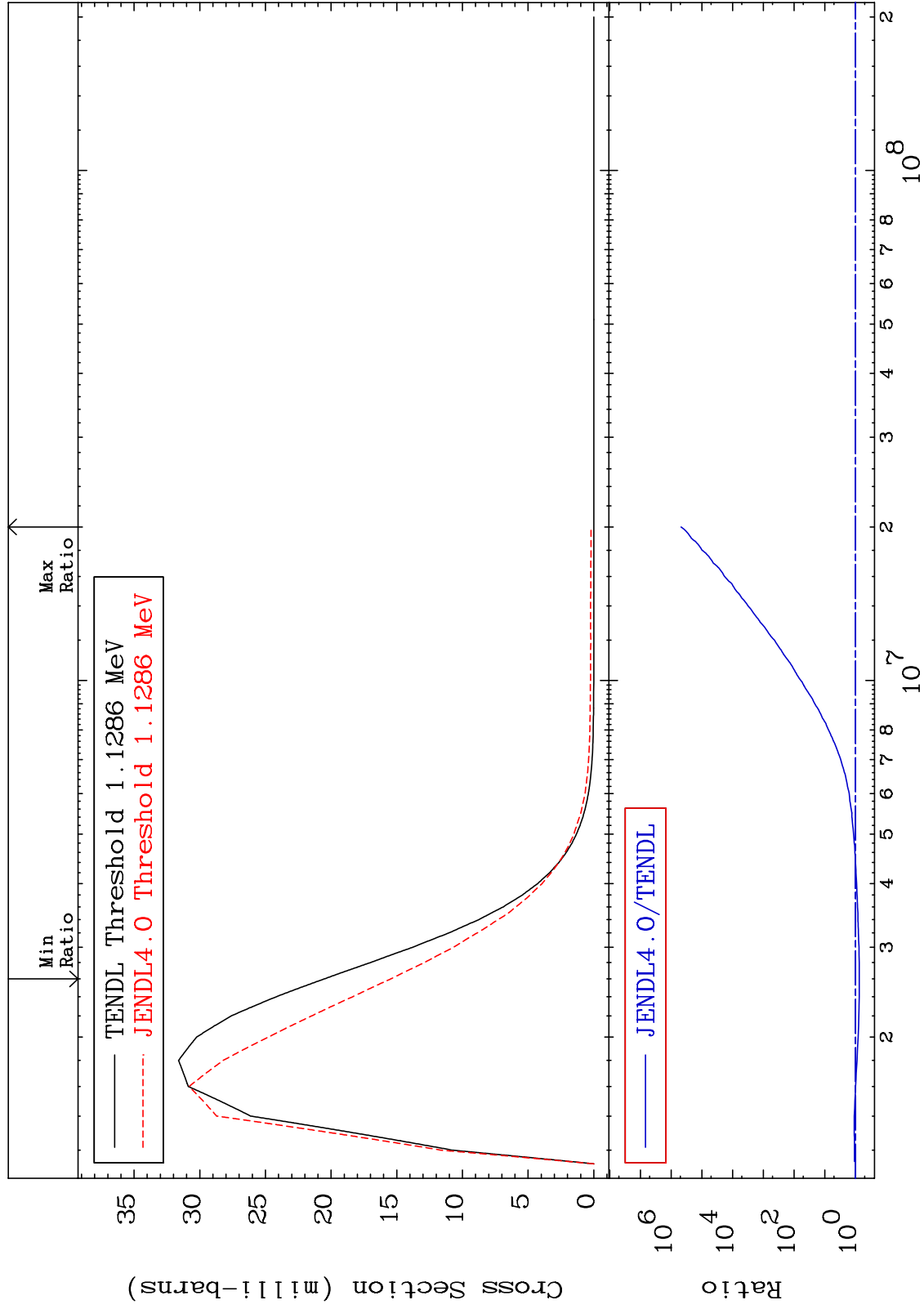
48-Cd-111  
-25.32 To 9999. %



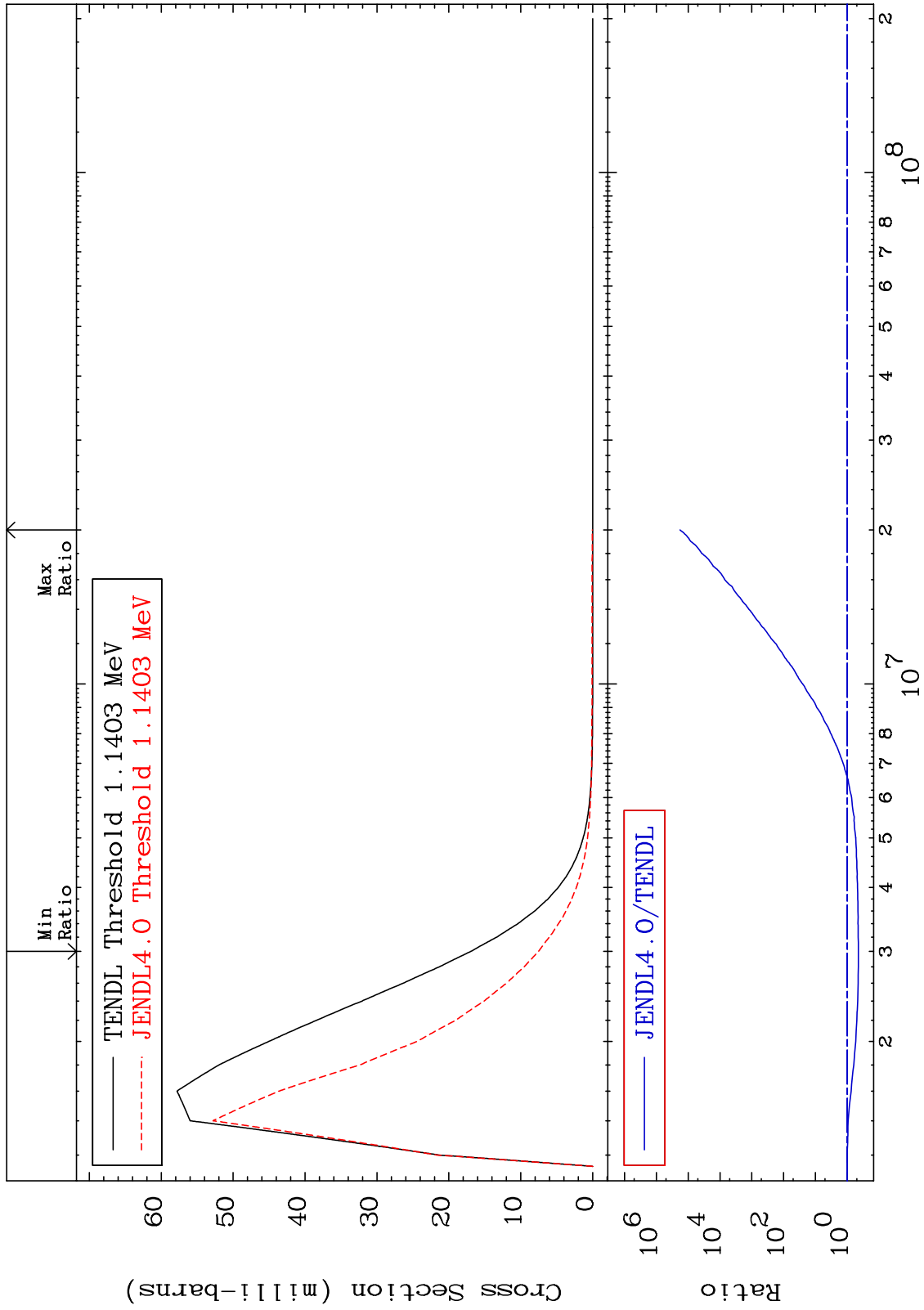
MAT 4840

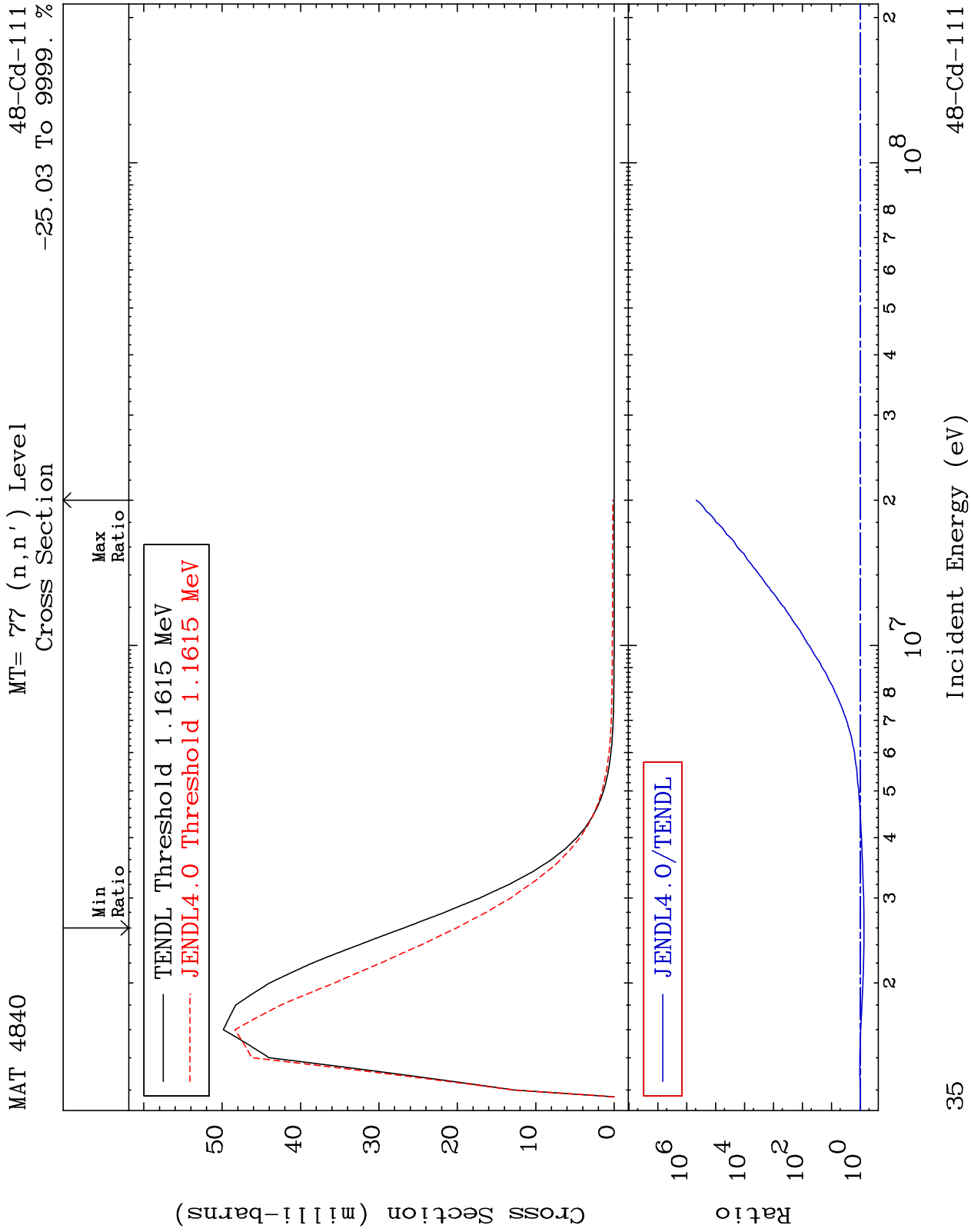
MT= 75 (n,n') Level  
Cross Section

48-Cd-111  
-24.66 To 9999. %

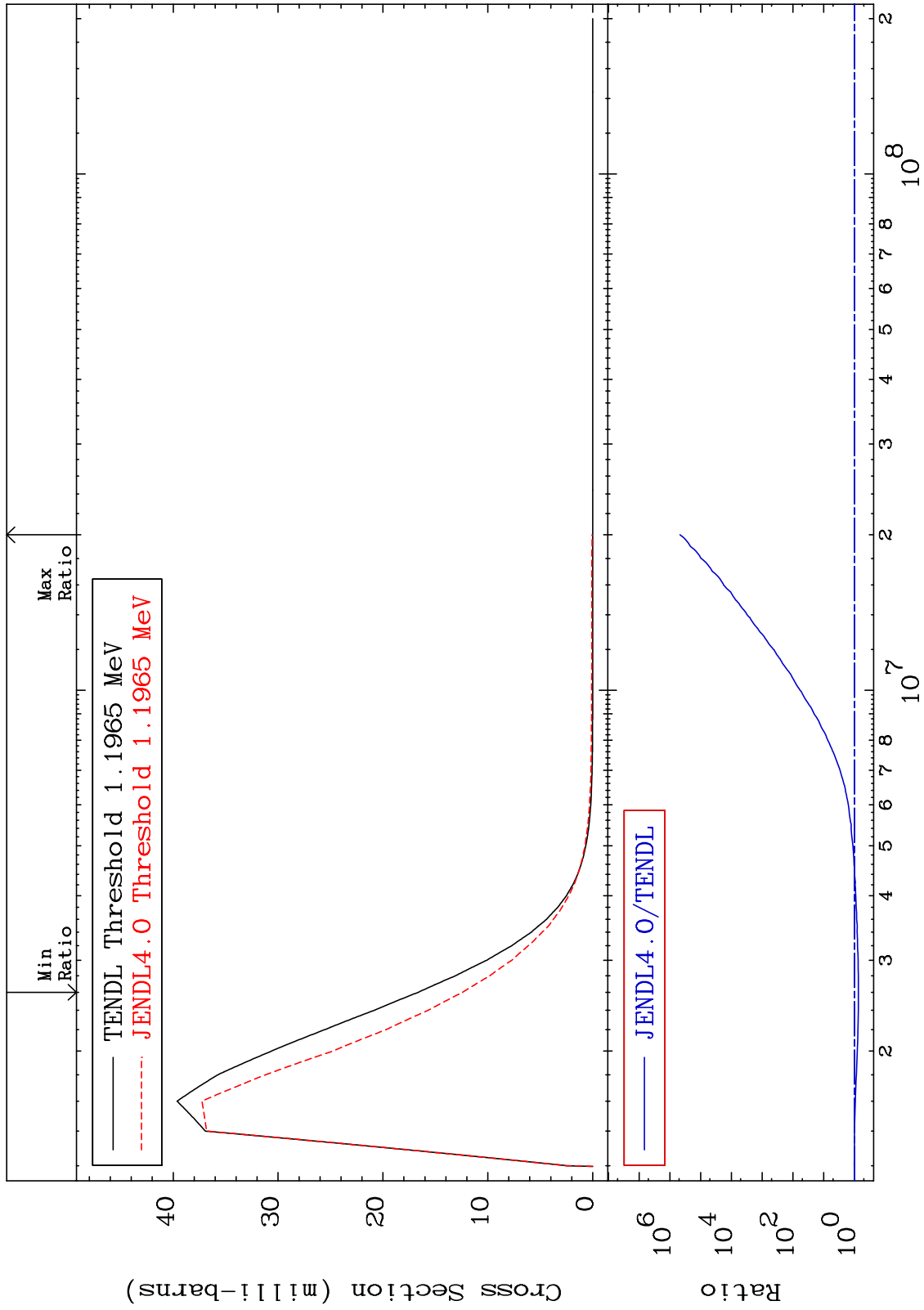


MAT 4840 MT= 76 (n,n') Level Cross Section 48-Cd-111  
 -55.53 To 9999. %

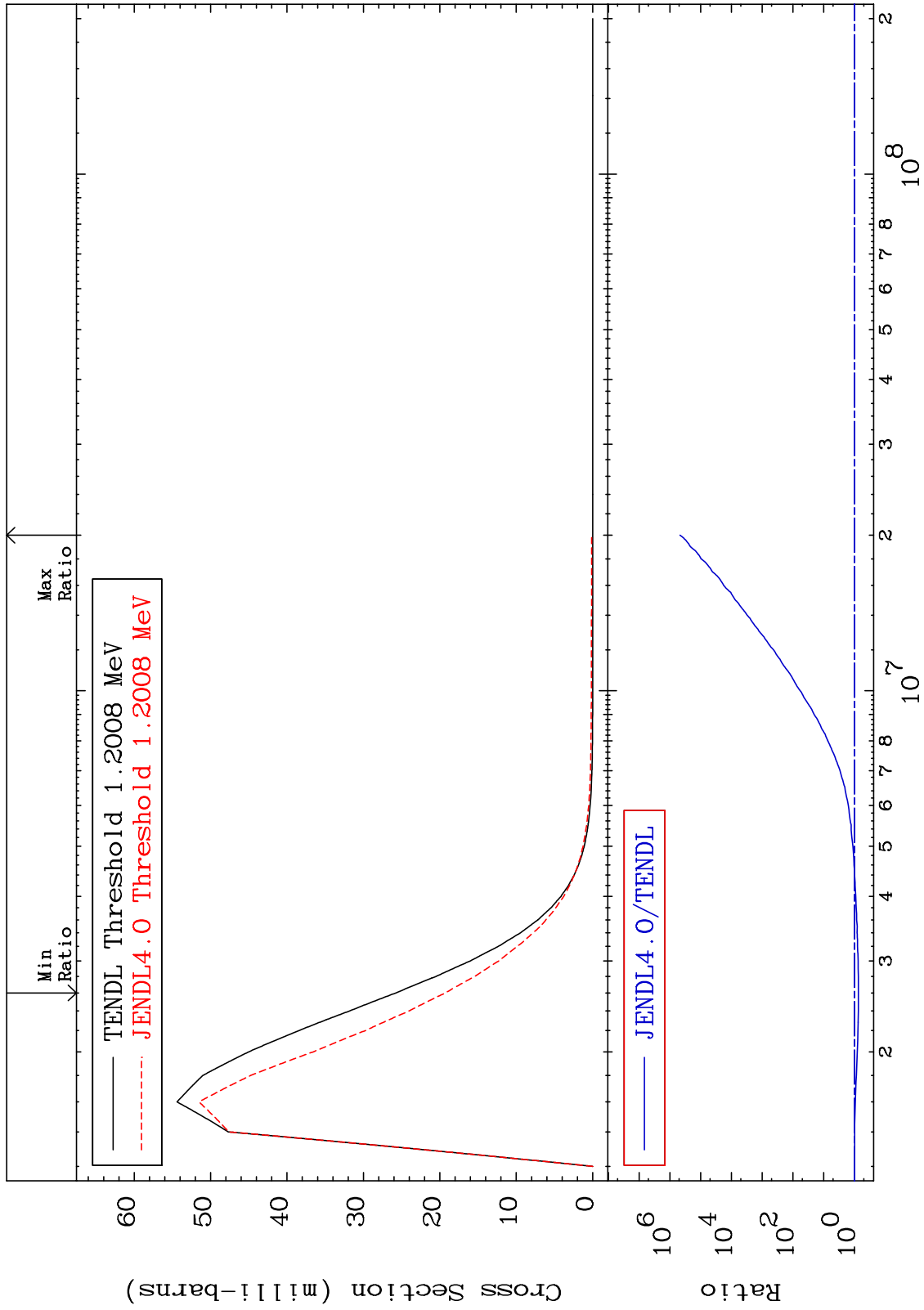




MAT 4840      MT= 78 (n,n') Level  
 Cross Section      48-Cd-111  
 -25.37 To 9999. %



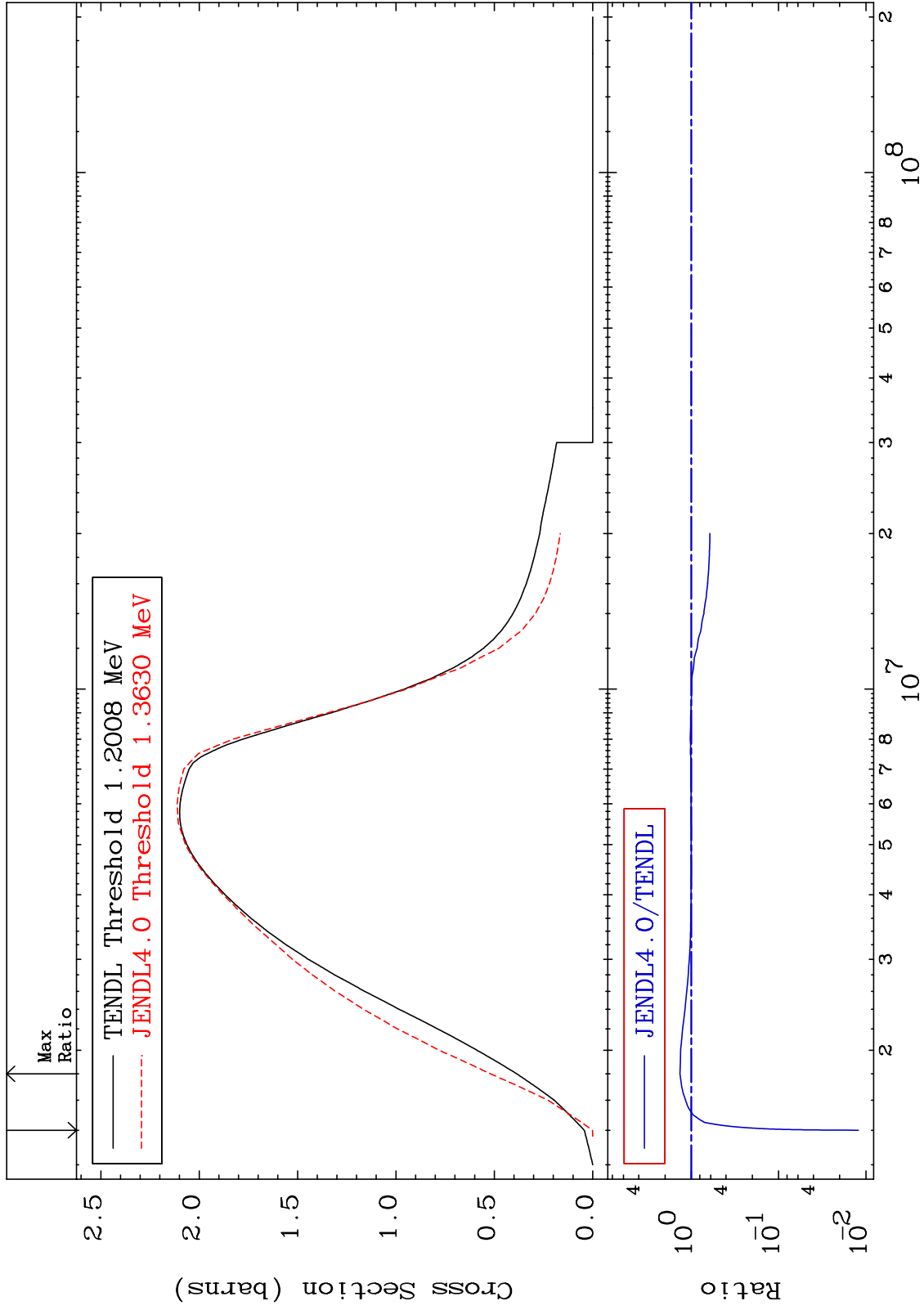
MAT 4840 MT= 79 (n,n') Level Cross Section 48-Cd-111  
 -25.13 To 9999. %



MAT 4840

(n, n') Continuum  
Cross Section

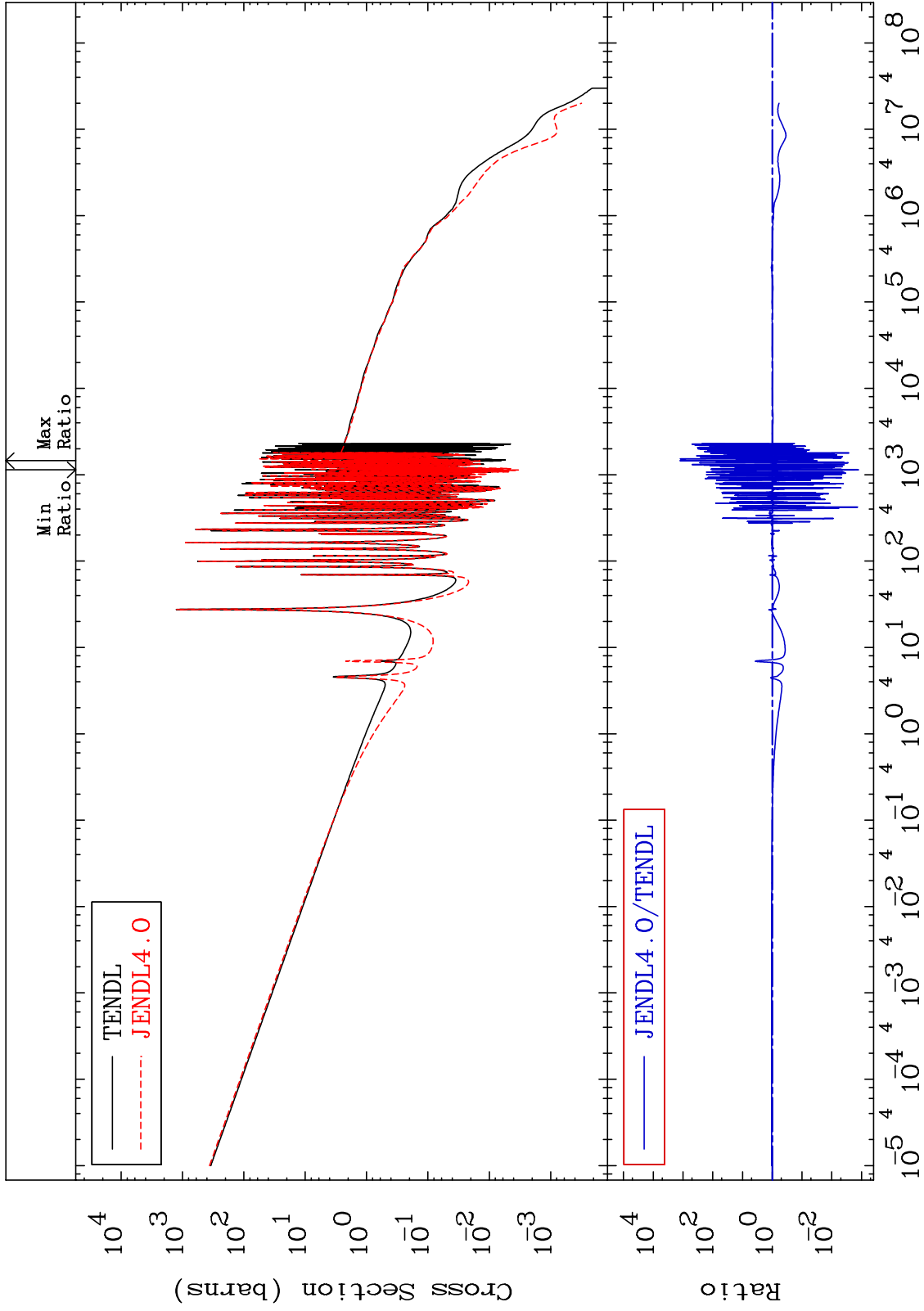
48-Cd-111  
-98.78 To 34.68 %



MAT 4840

(n,  $\gamma$ )  
Cross Section

48-Cd-111  
-99.87 To 9999. %





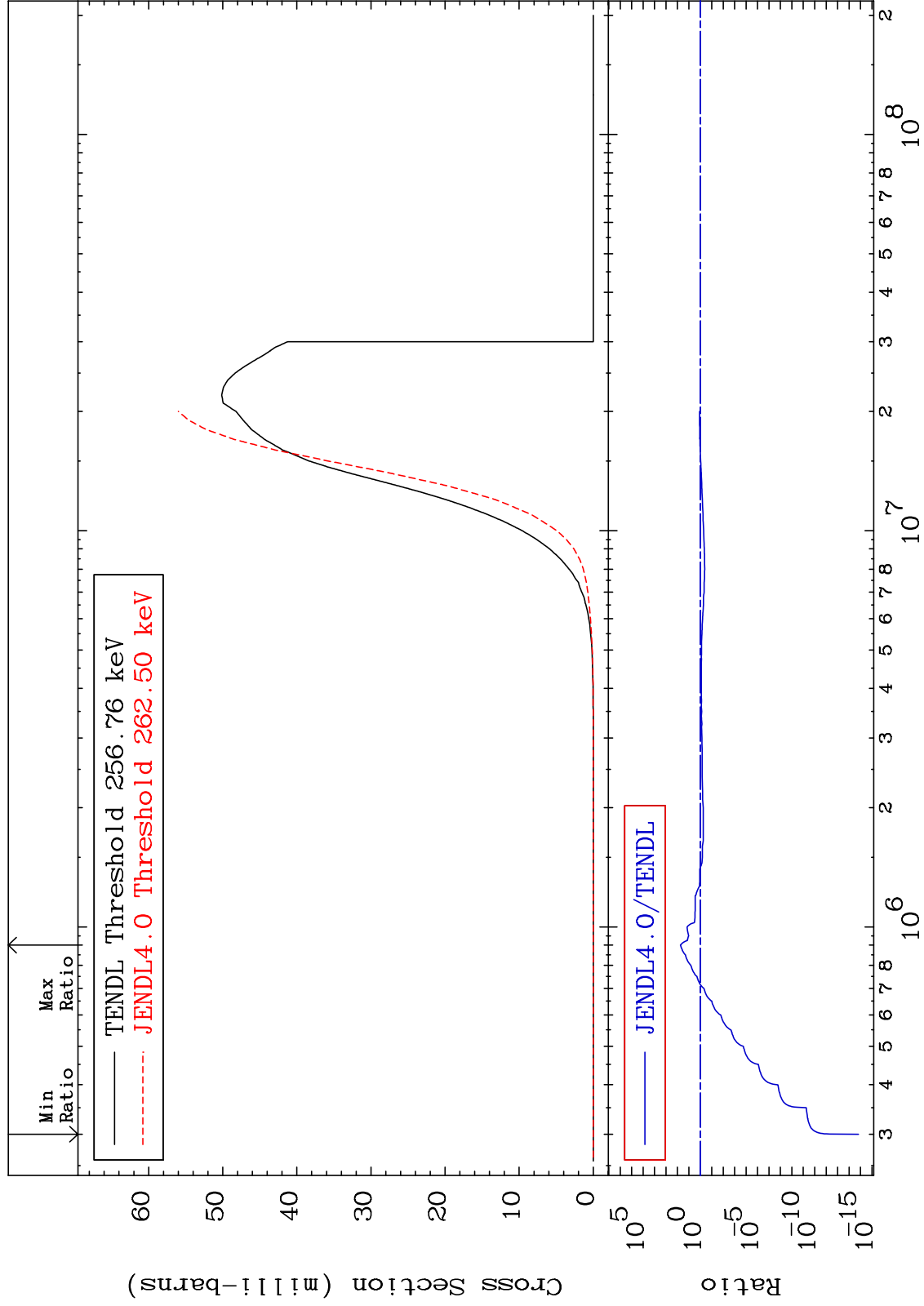
MAT 4840

(n,p)

48-Cd-111

Cross Section

-100.0 To 5345. %



40

Incident Energy (eV)

48-Cd-111

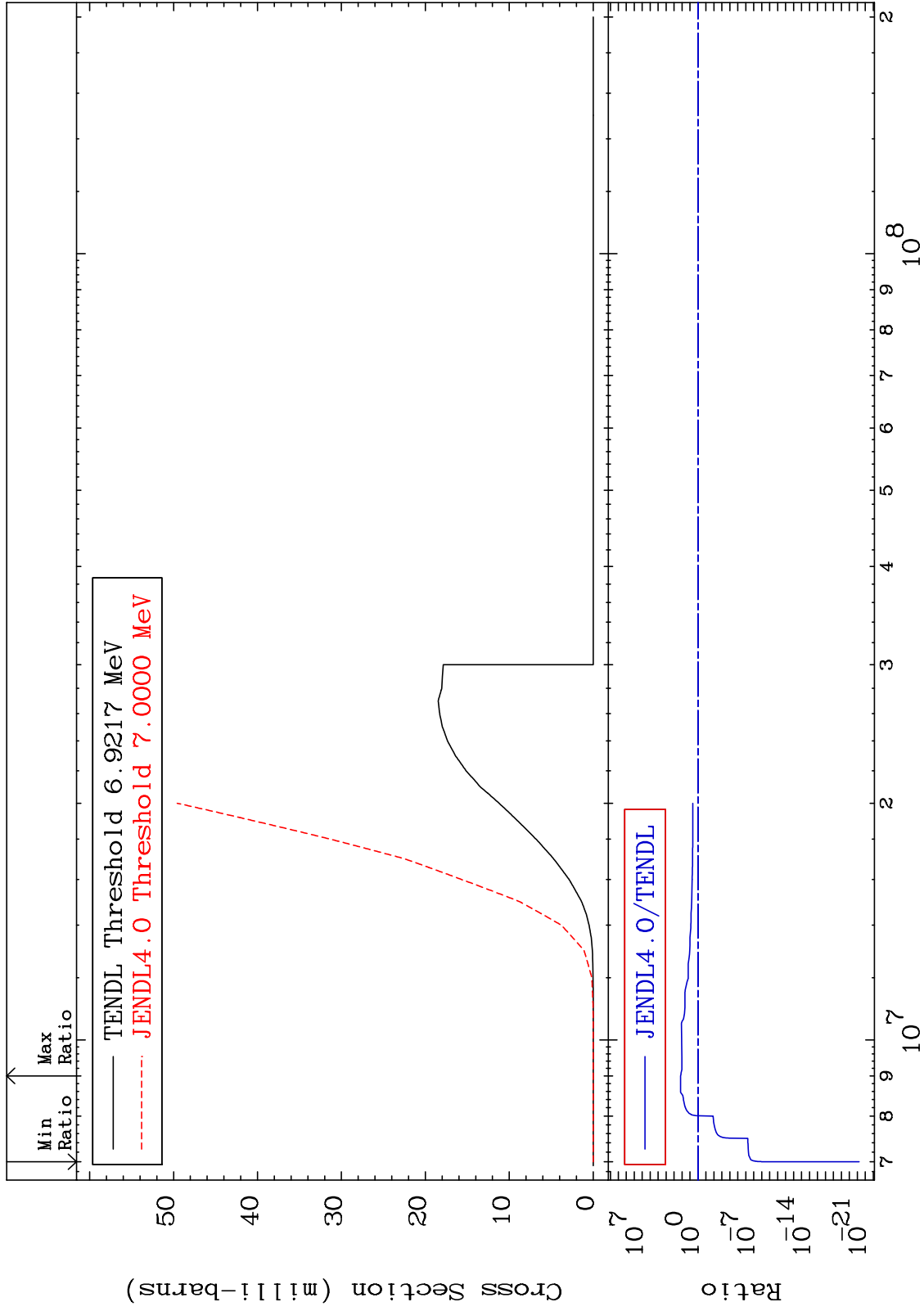
MAT 4840

(n,d)

48-Cd-111

Cross Section

-100.0 To 9999. %



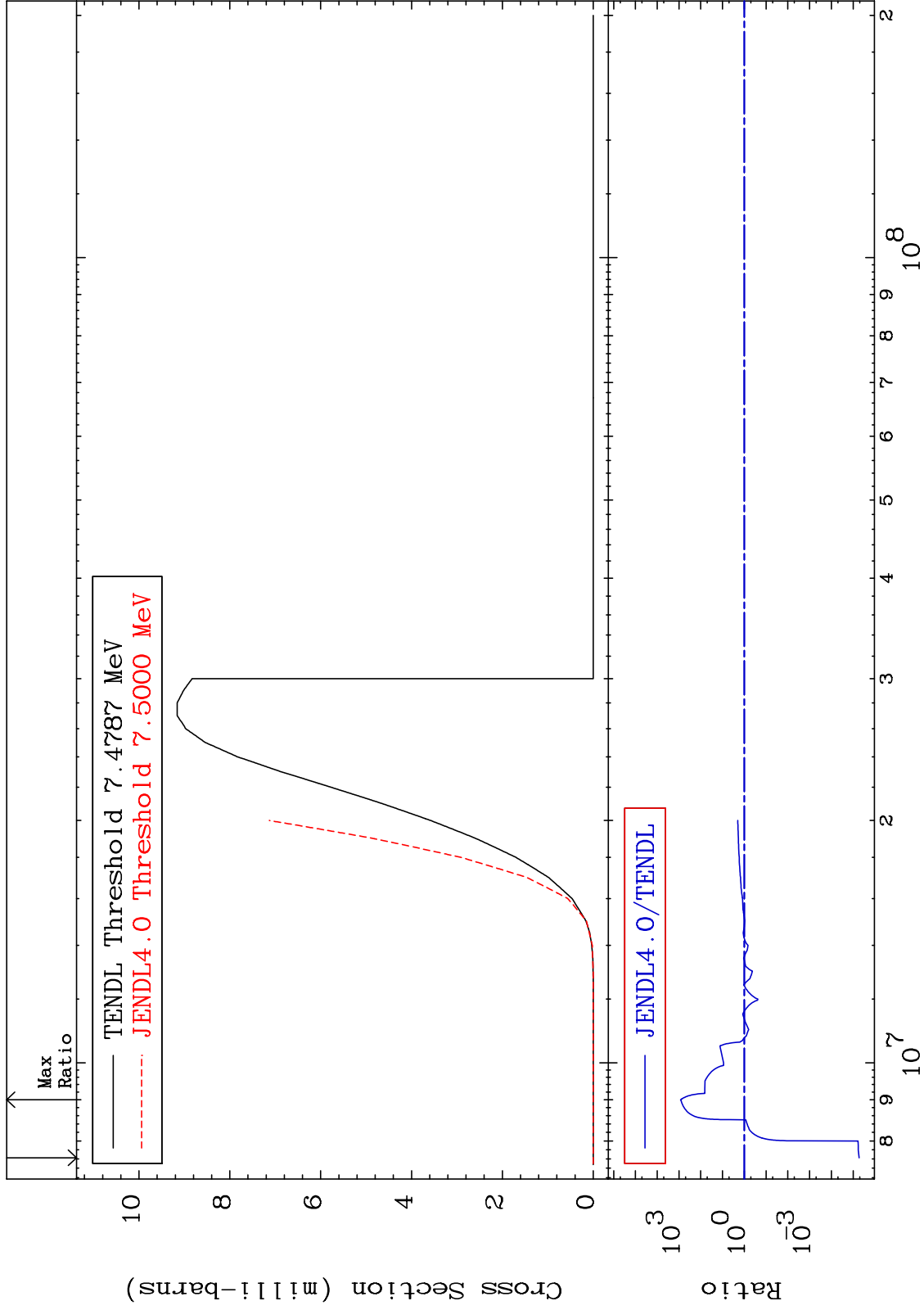
MAT 4840

(n, t)

48-Cd-111

Cross Section

-100.0 To 9999. %



42

Incident Energy (eV)

48-Cd-111

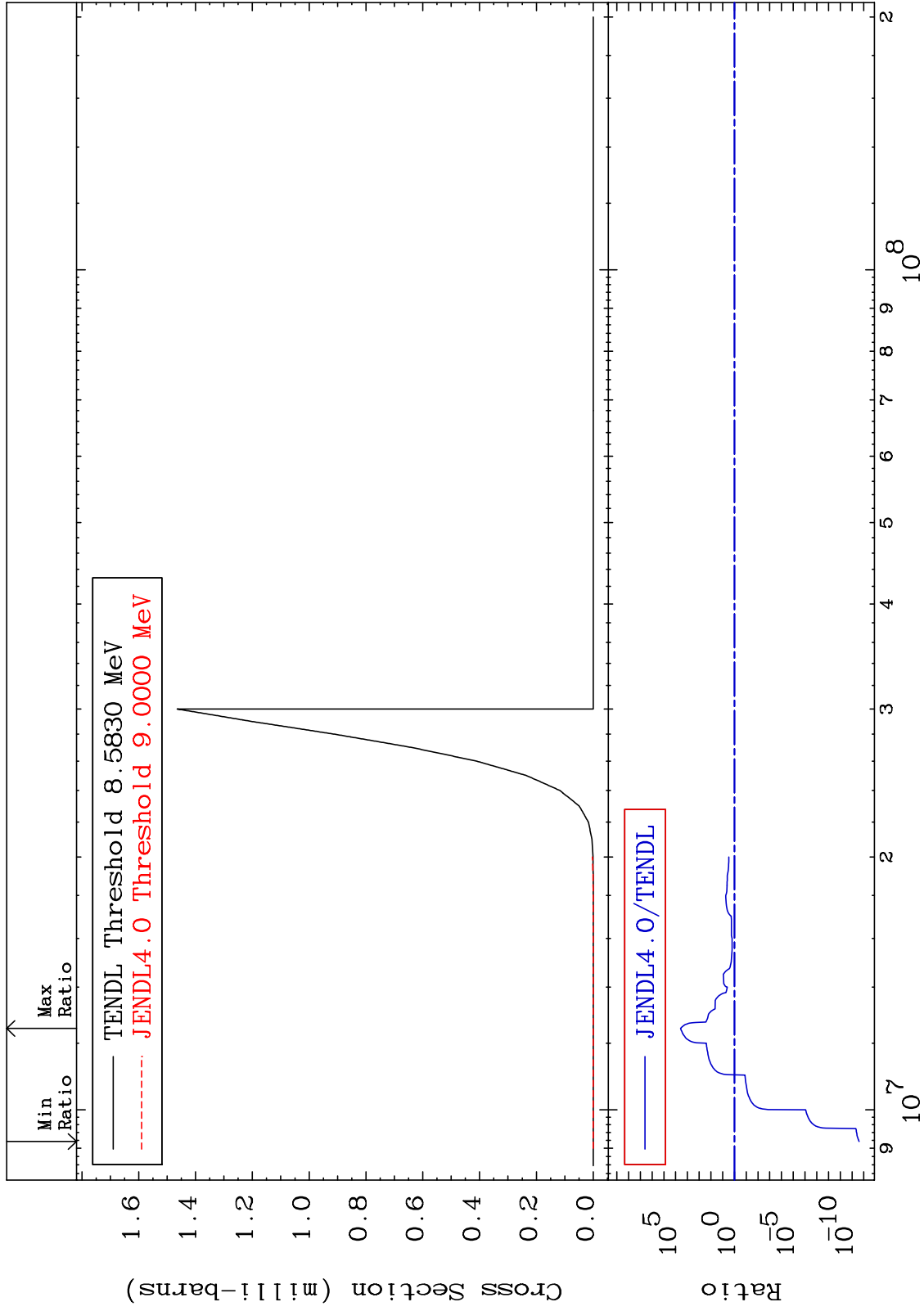
MAT 4840

(n, He-3)

48-Cd-111

Cross Section

-100.0 To 9999. %



43

Incident Energy (eV)

48-Cd-111

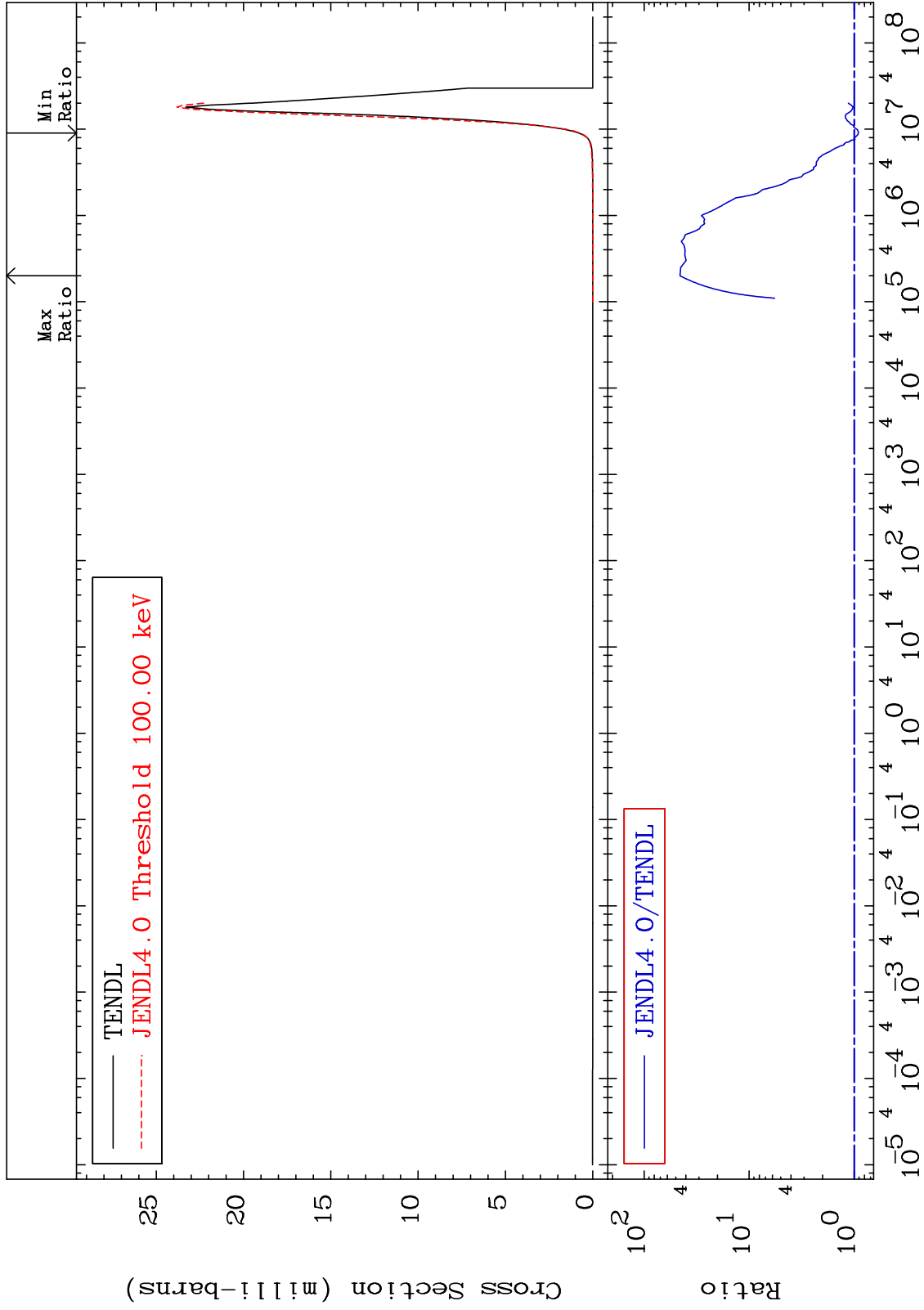
MAT 4840

(n,  $\alpha$ )

48-Cd-111

Cross Section

-8.800 To 4449. %



44

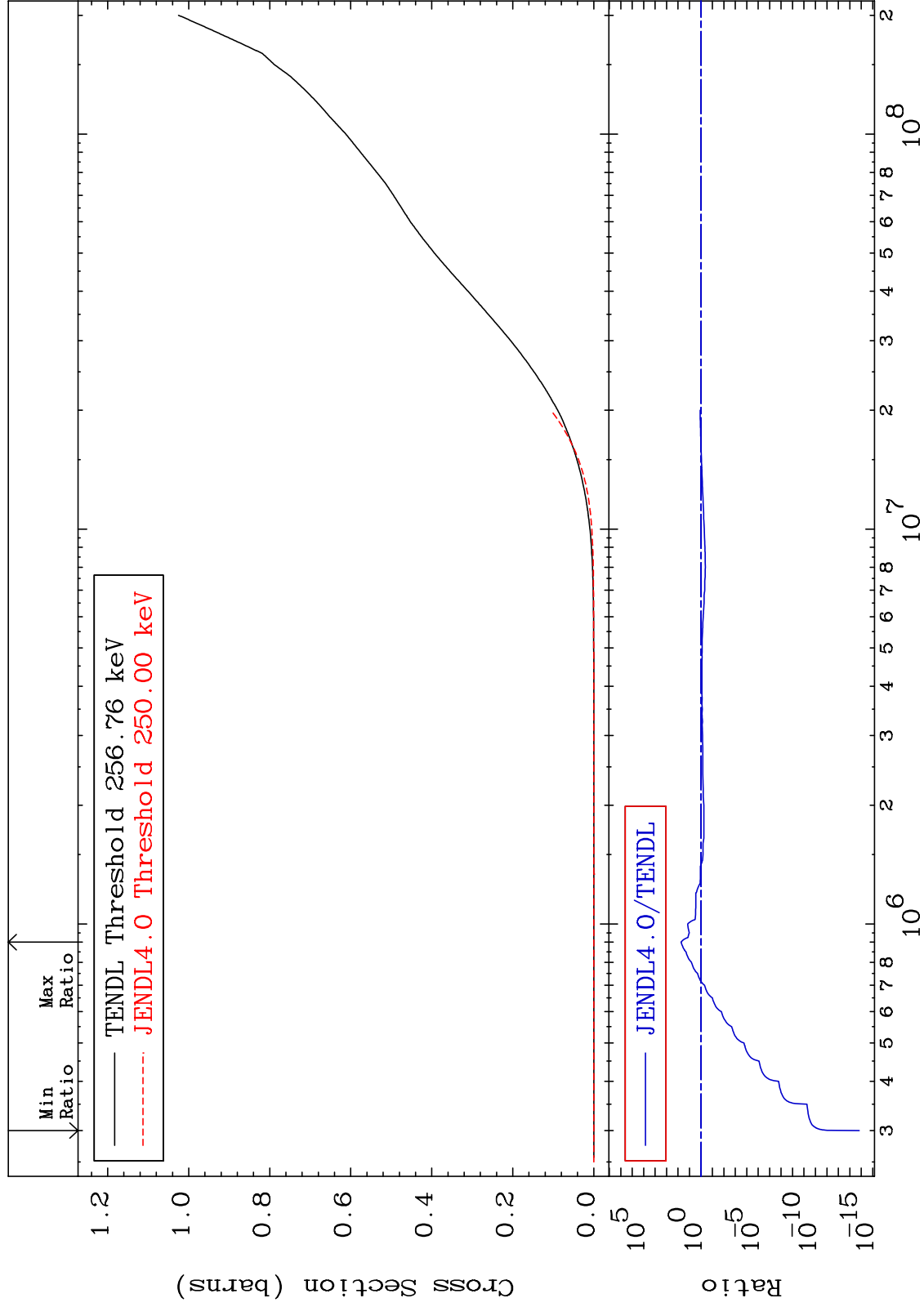
Incident Energy (eV)

48-Cd-111

MAT 4840

Hydrogen Production  
Cross Section

48-Cd-111  
-100.0 To 5345. %



45

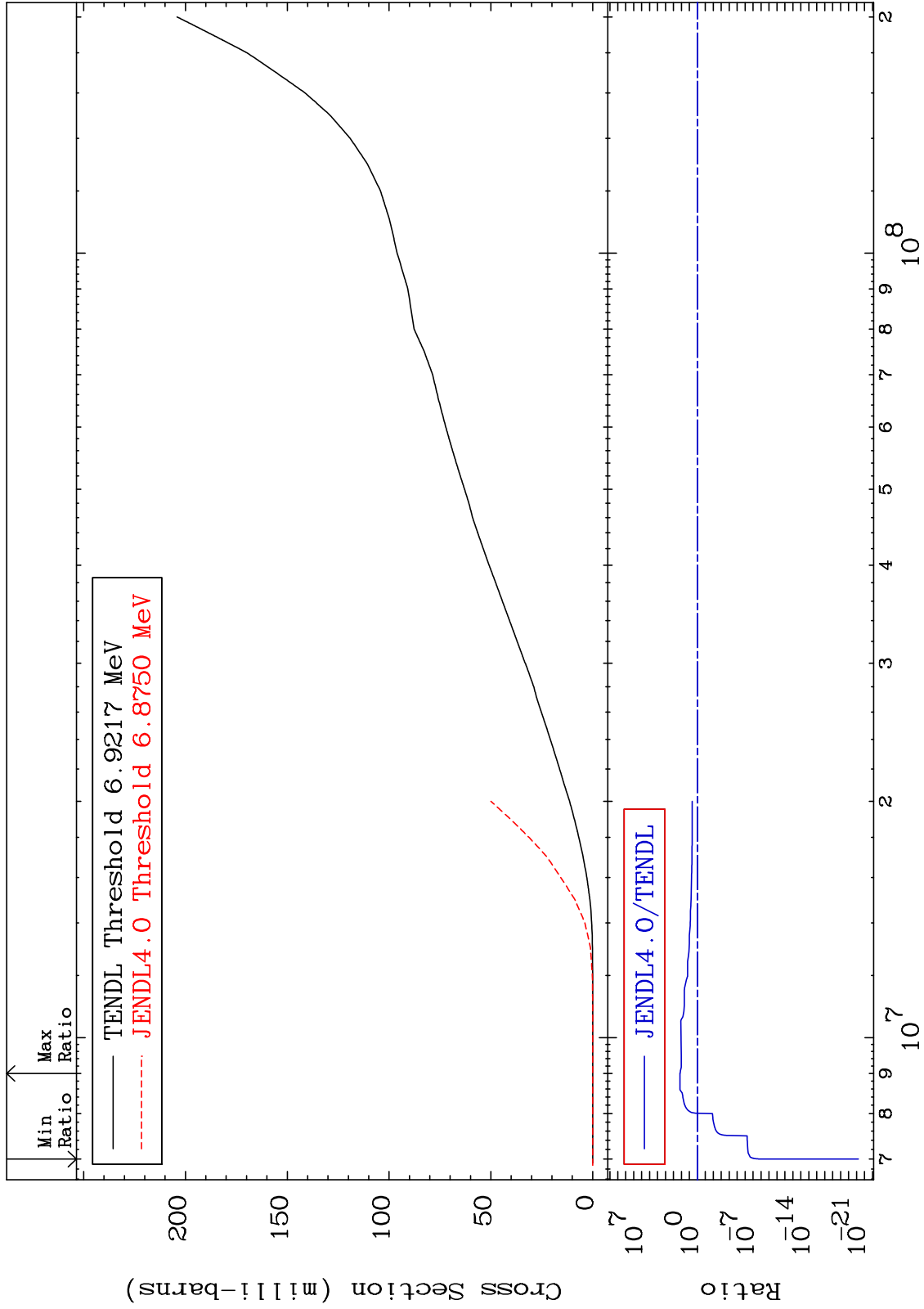
Incident Energy (eV)

48-Cd-111

MAT 4840

Deuterium Production  
Cross Section

48-Cd-111  
-100.0 To 9999. %



46

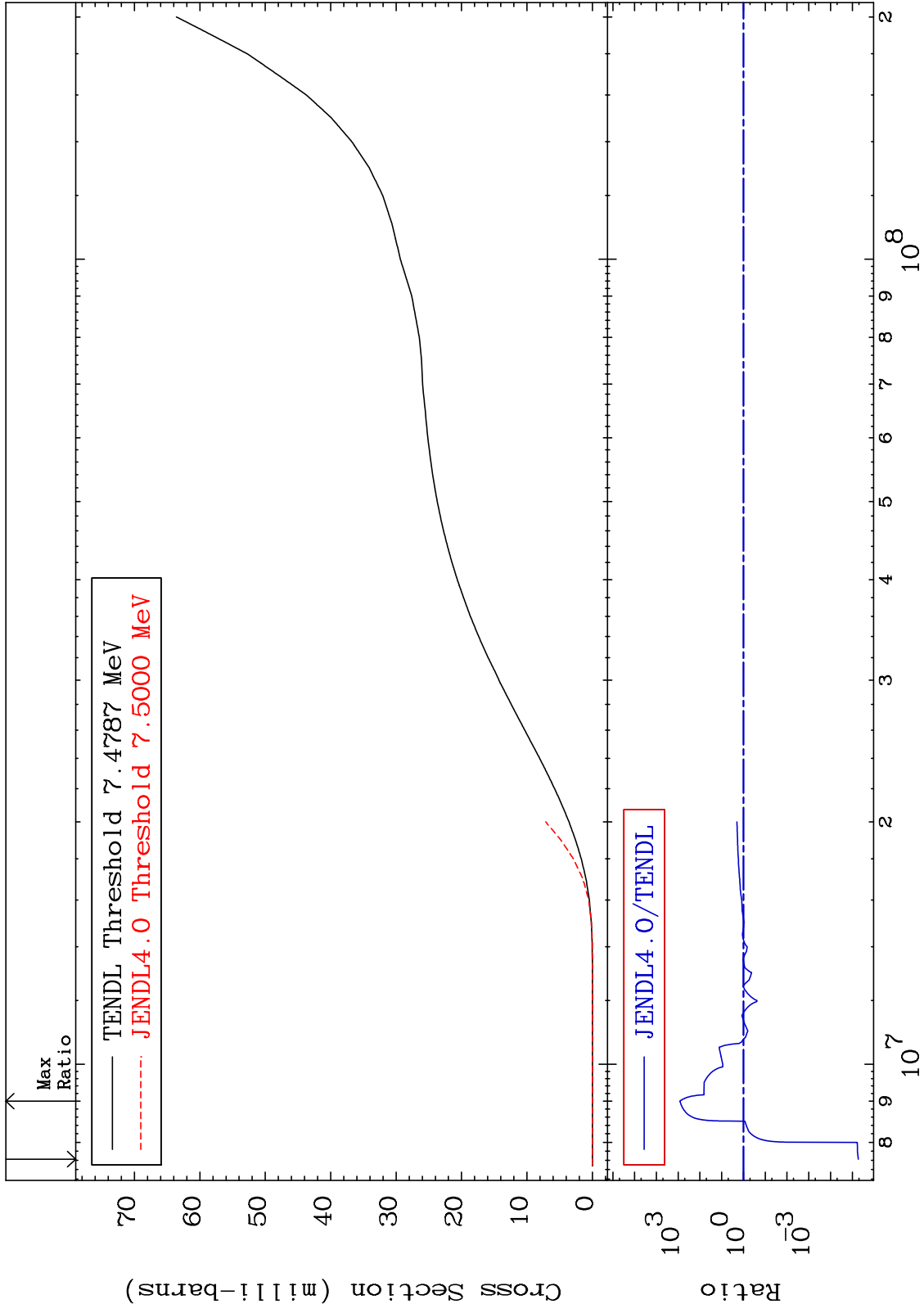
Incident Energy (eV)

48-Cd-111

MAT 4840

Tritium Production  
Cross Section

48-Cd-111  
-100.0 To 9999. %



47

Incident Energy (eV)

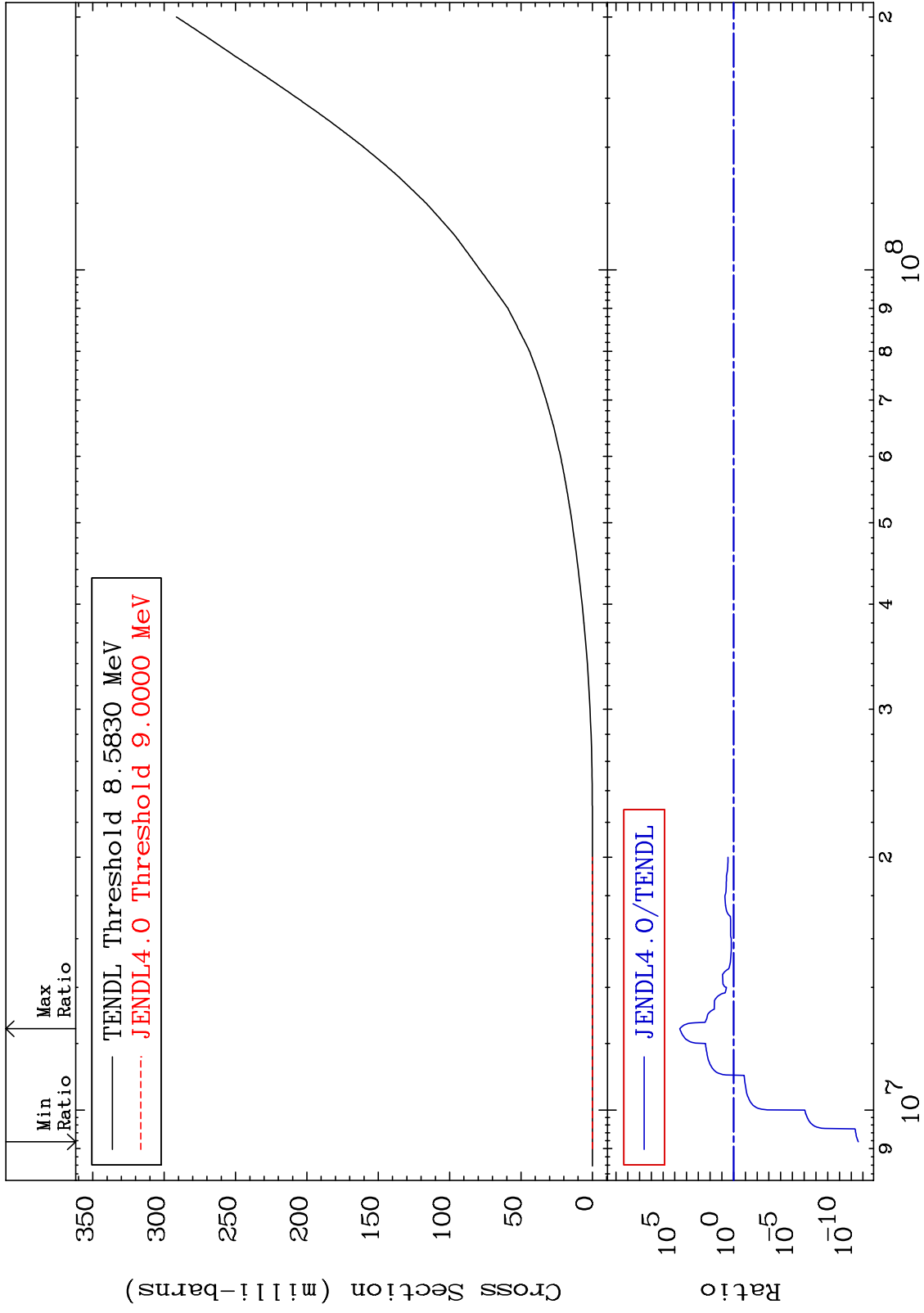
48-Cd-111



MAT 4840

He-3 Production  
Cross Section

48-Cd-111  
-100.0 To 9999. %



48

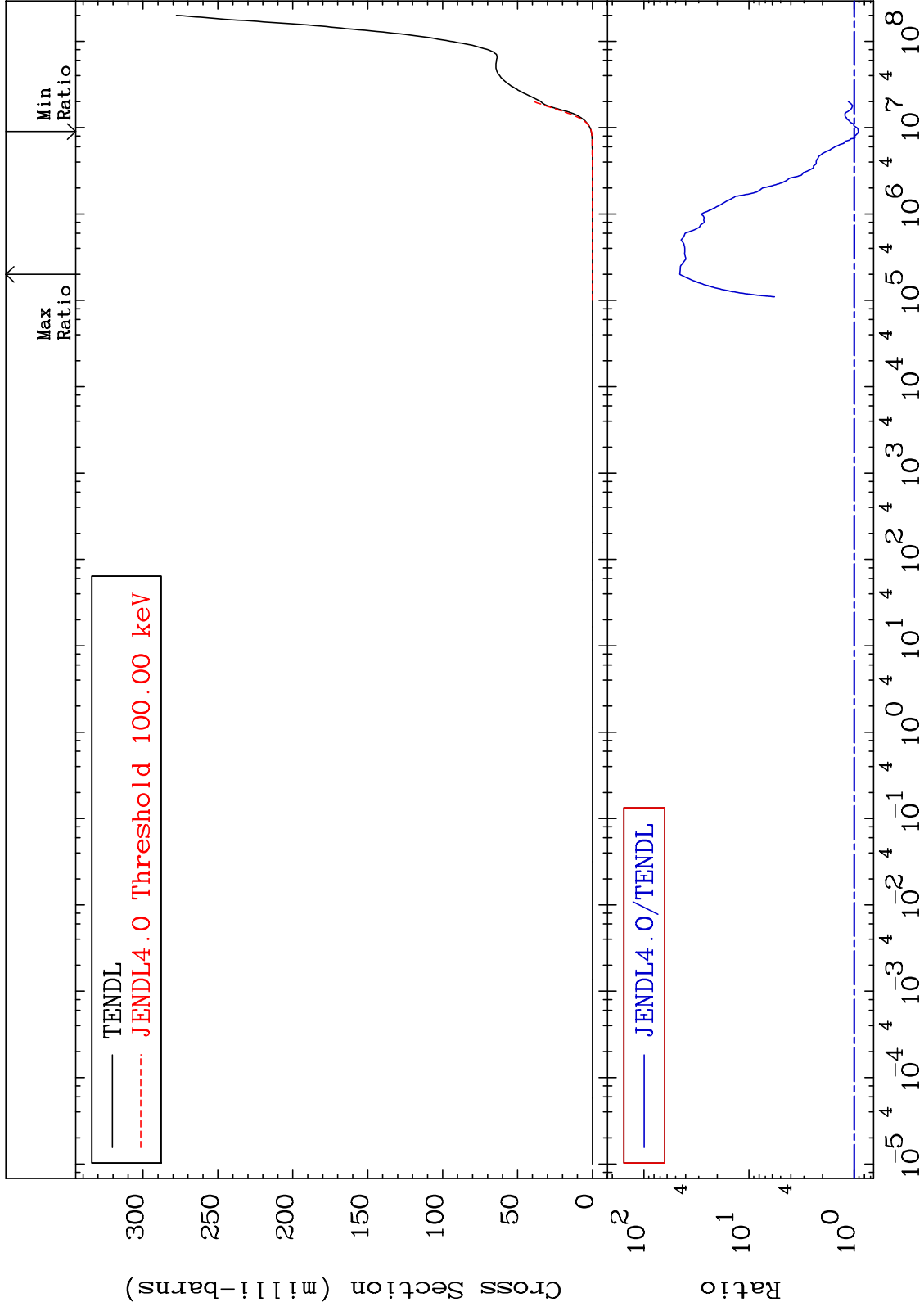
Incident Energy (eV)

48-Cd-111

MAT 4840

He-4 Production  
Cross Section

48-Cd-111  
-8.798 To 4449. %



49

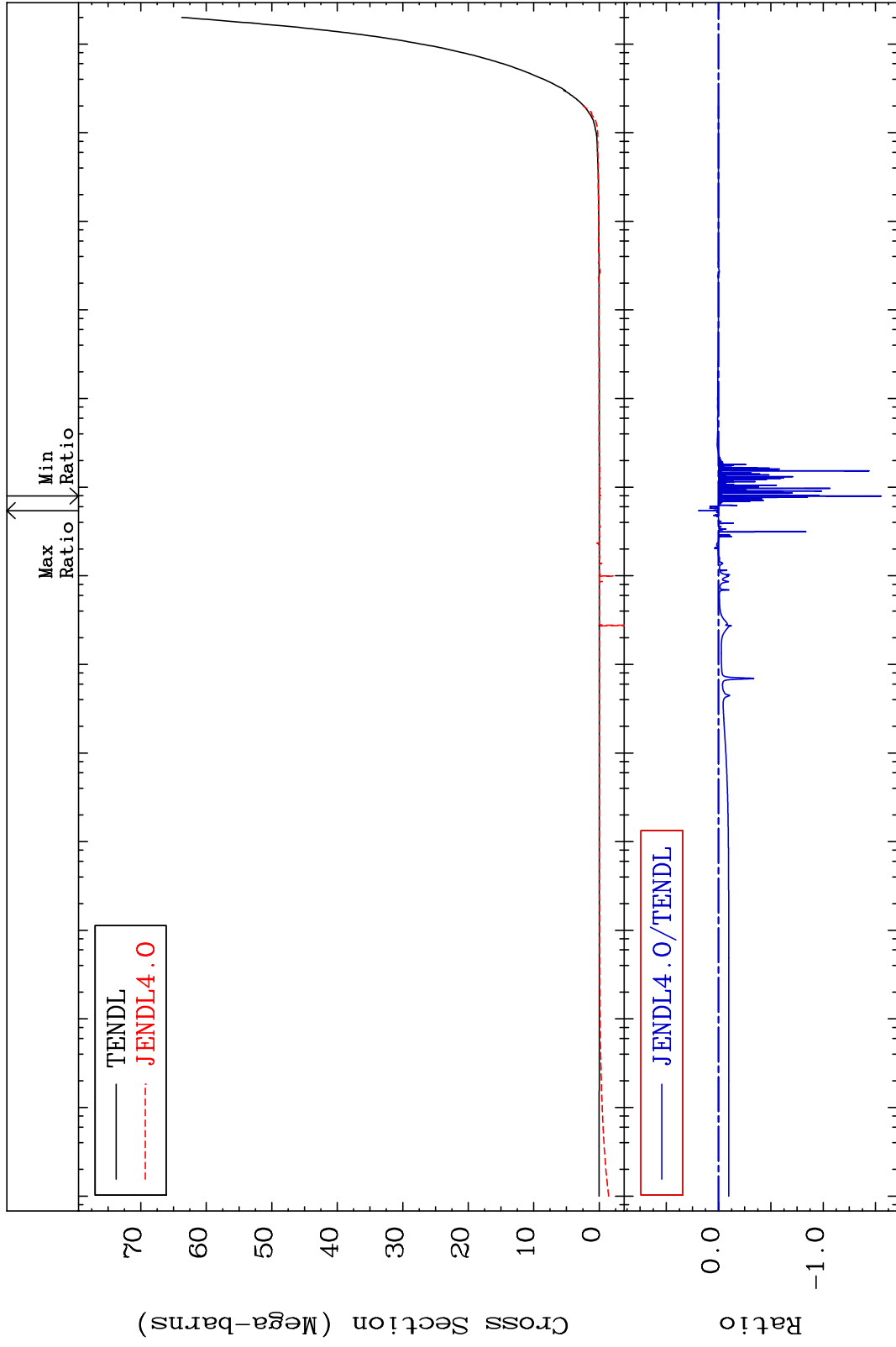
Incident Energy (eV)

48-Cd-111

MAT 4840

Kerma total (eV-barns)  
Cross Section

48-Cd-111  
-9999. To 9999. %



50

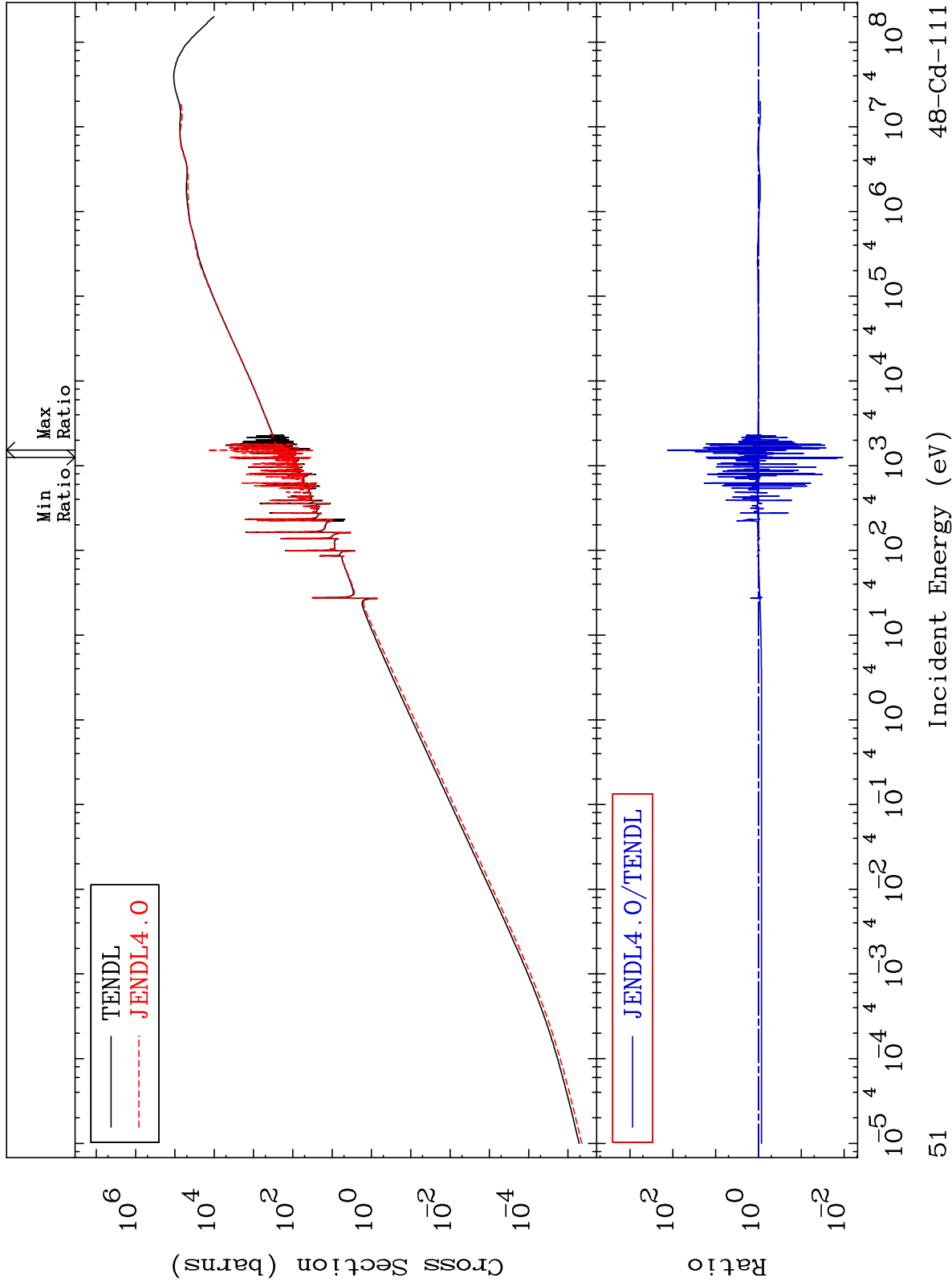
Incident Energy (eV)

48-Cd-111

MAT 4840

Kerma elastic  
Cross Section

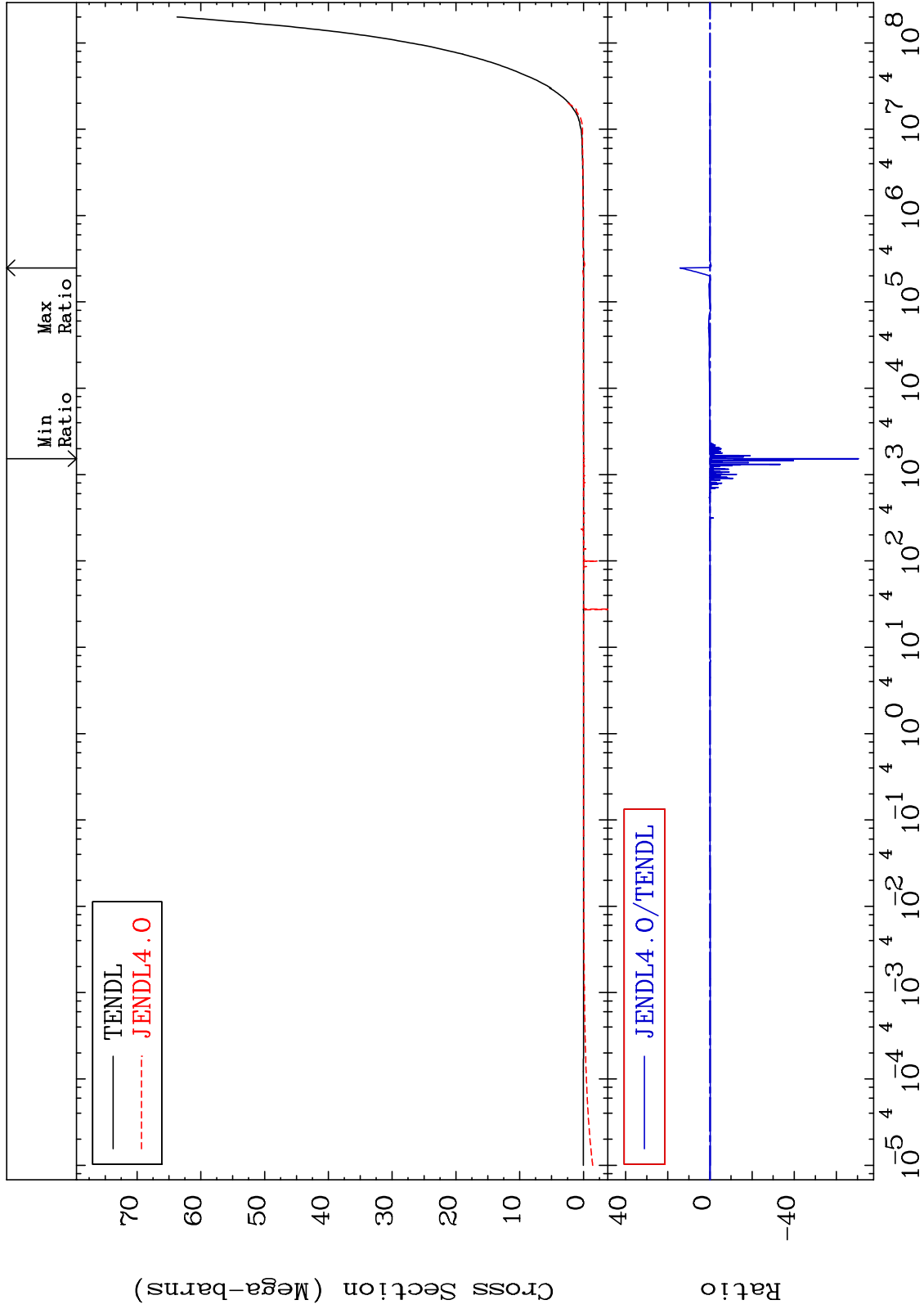
48-Cd-111  
-98.92 To 9999. %



MAT 4840

Kerma non-elastic (all but mt2)  
Cross Section

48-Cd-111  
-9999. To 9999. %



52

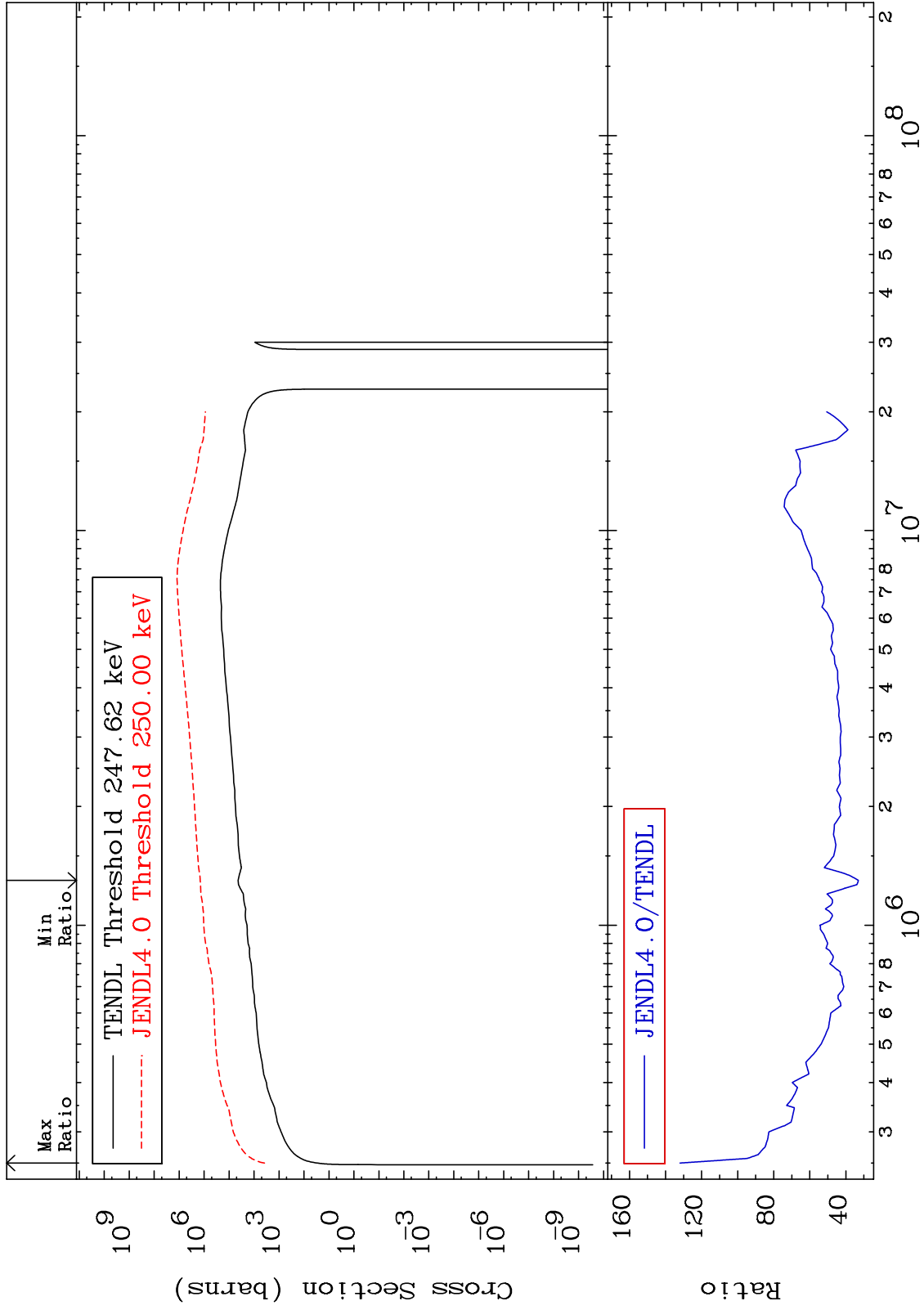
Incident Energy (eV)

48-Cd-111

MAT 4840

Kerma inelastic (mt51-91)  
Cross Section

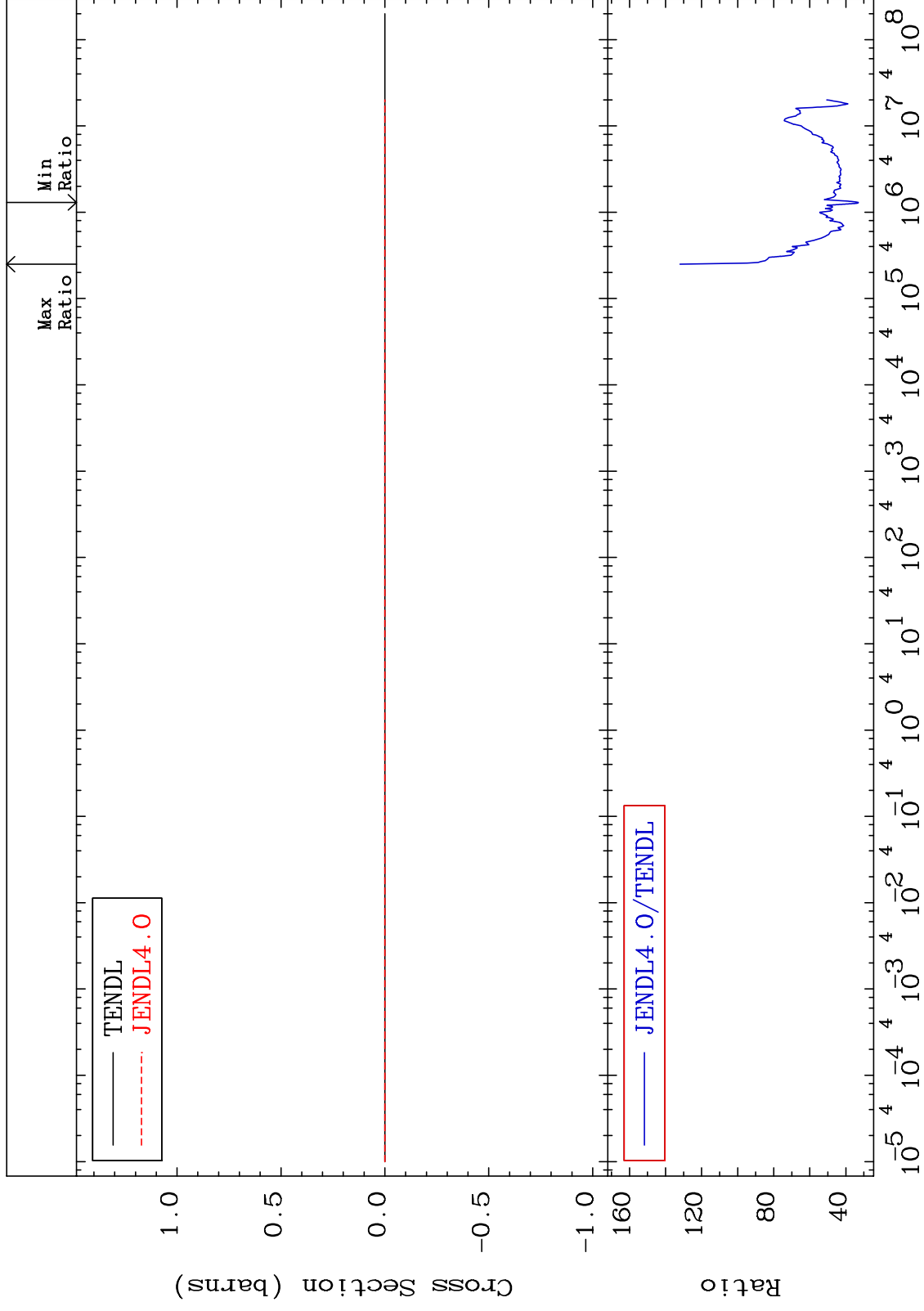
48-Cd-111  
3206. To 9999. %



MAT 4840

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

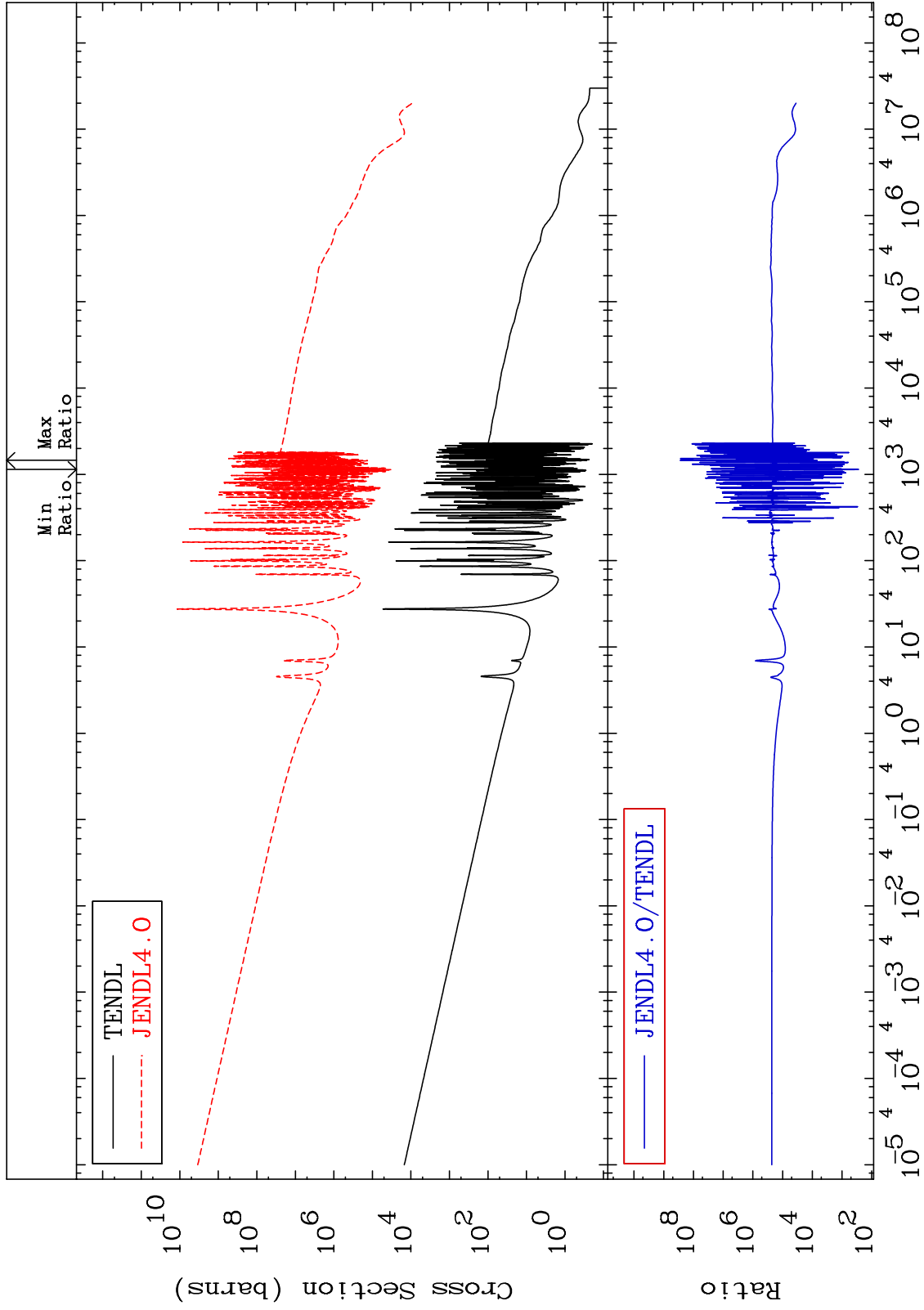
48-Cd-111  
3206. To 9999. %



MAT 4840

Kerma capture (mt102)  
Cross Section

48-Cd-111  
9999. To 9999. %



— TENDL  
- - - JENDL4.0

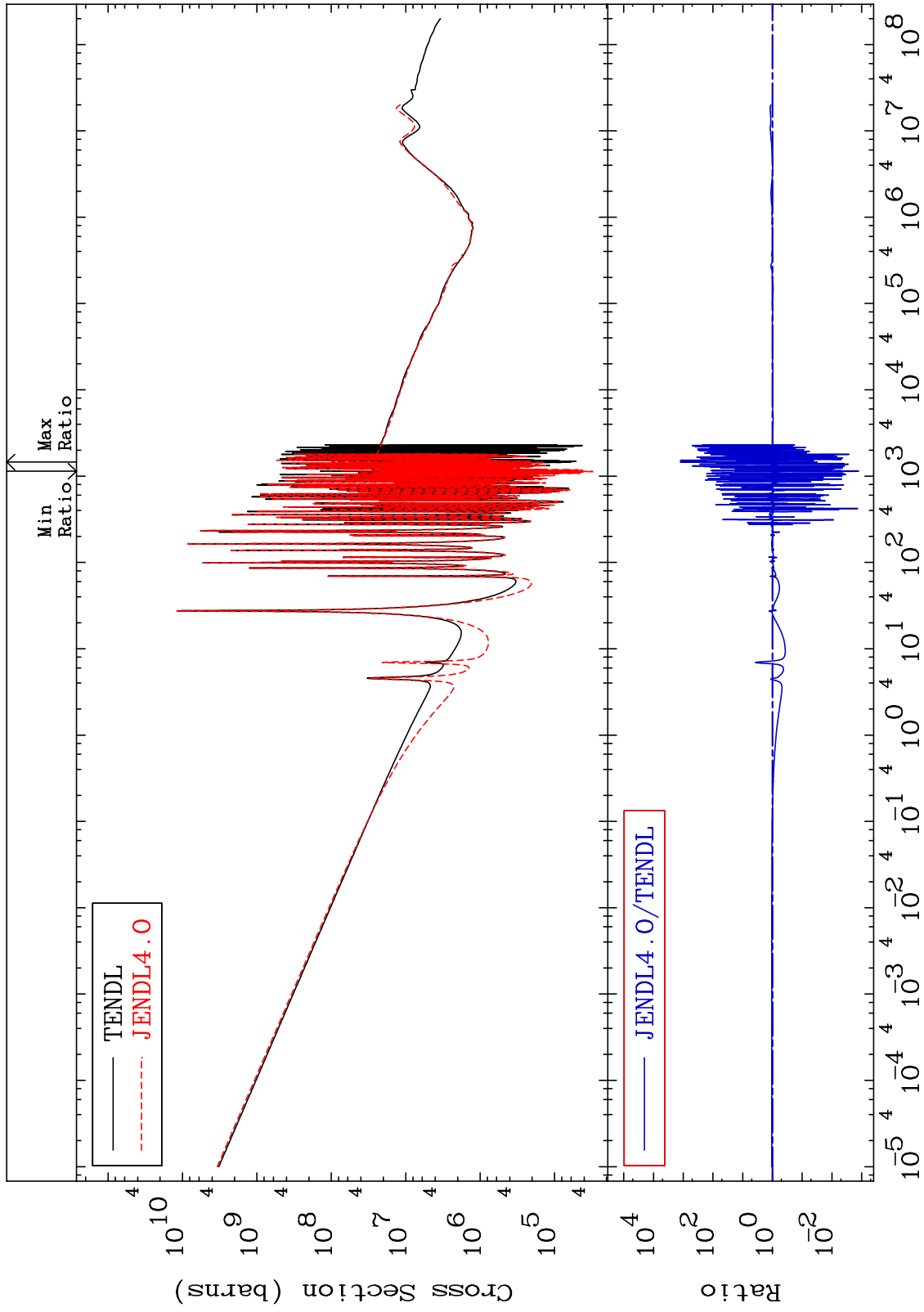
— JENDL4.0/TENDL



MAT 4840

Total photon (eV-barns)  
Cross Section

48-Cd-111  
-99.87 To 9999. %



56

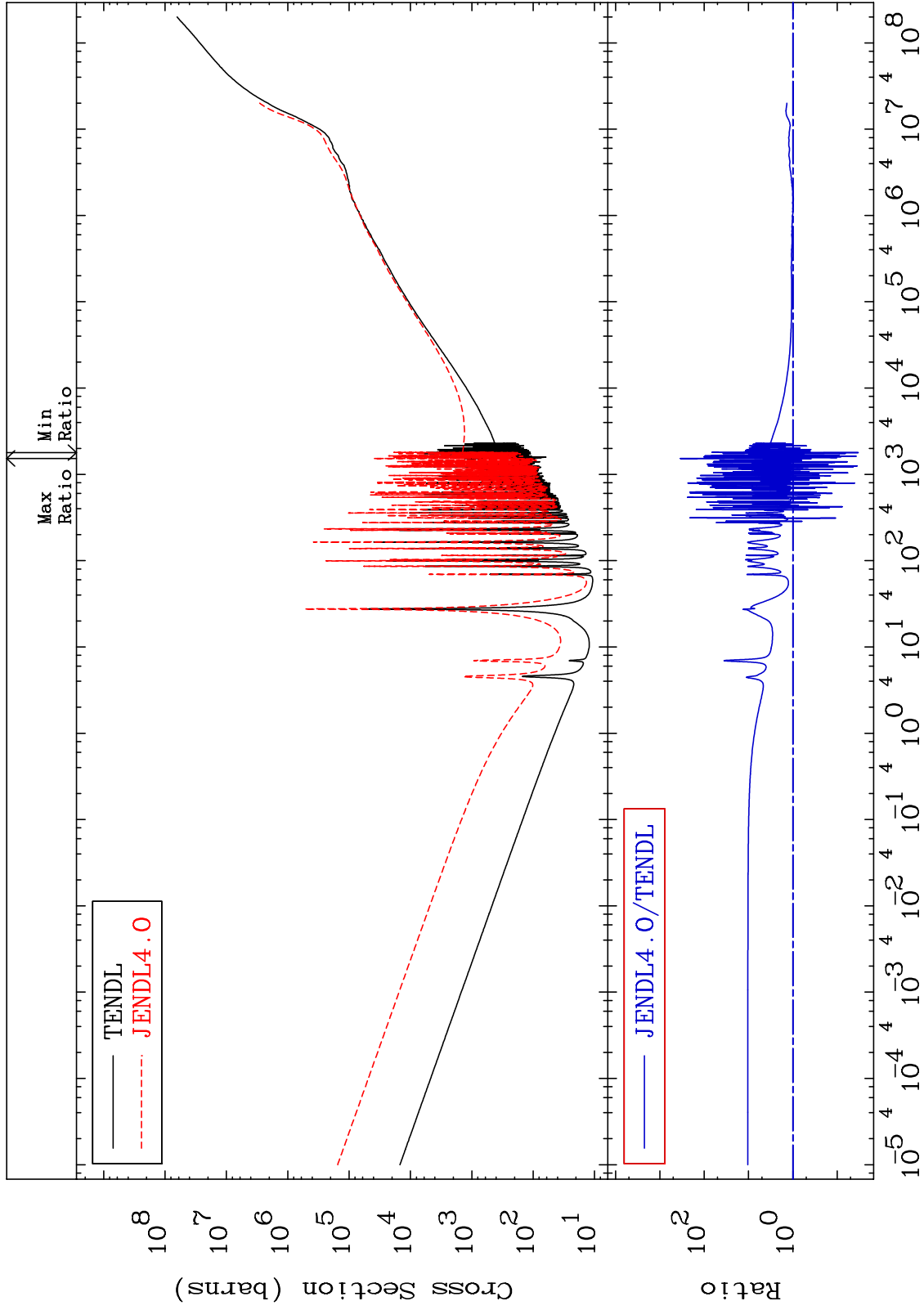
Incident Energy (eV)

48-Cd-111

MAT 4840

Total kinematic kerma (high limit)  
Cross Section

48-Cd-111  
-96.69 To 9999. %



57

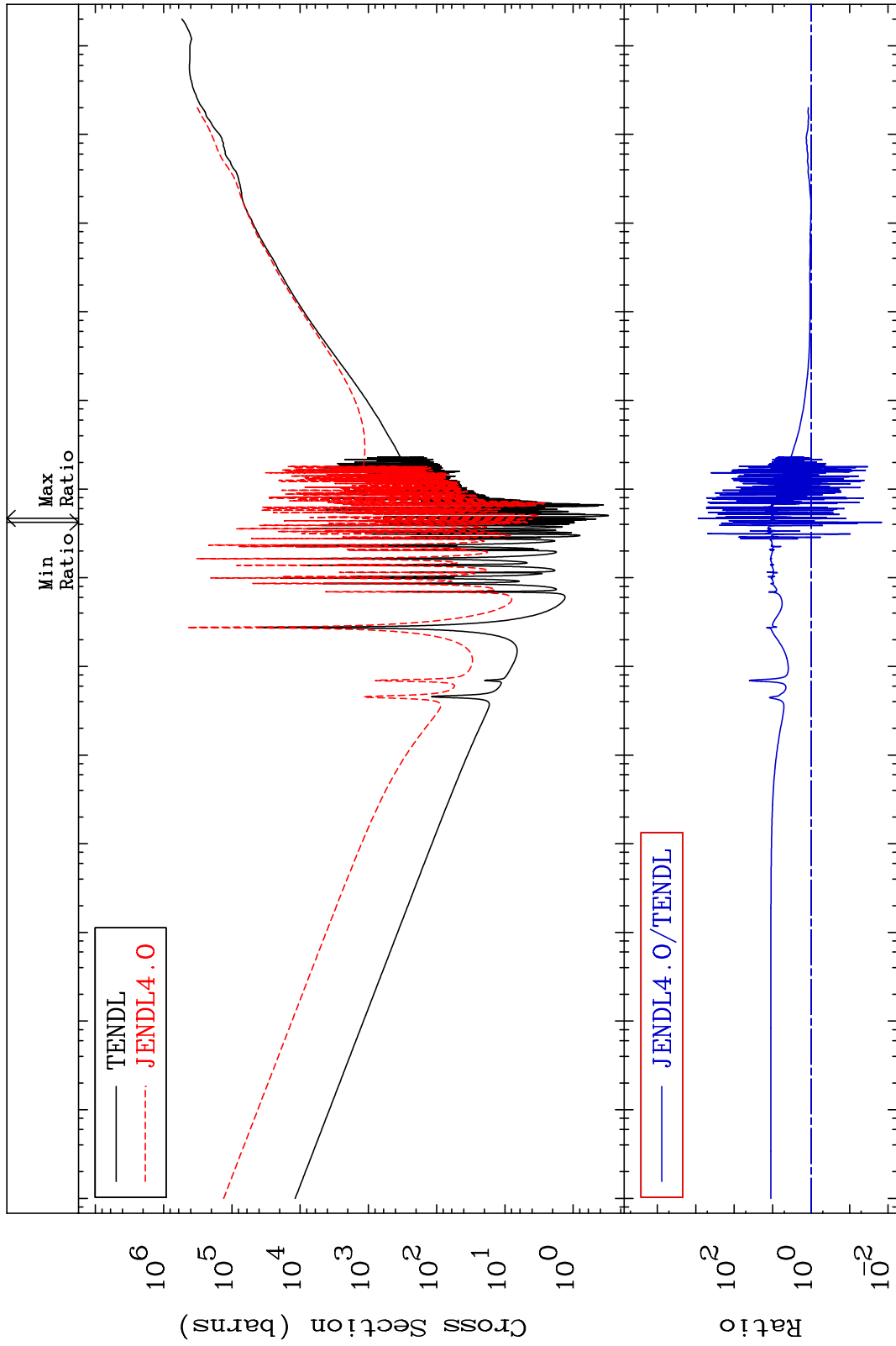
Incident Energy (eV)

48-Cd-111

MAT 4840

Dpa total (eV-barns)  
Cross Section

48-Cd-111  
-98.52 To 9999. %



58

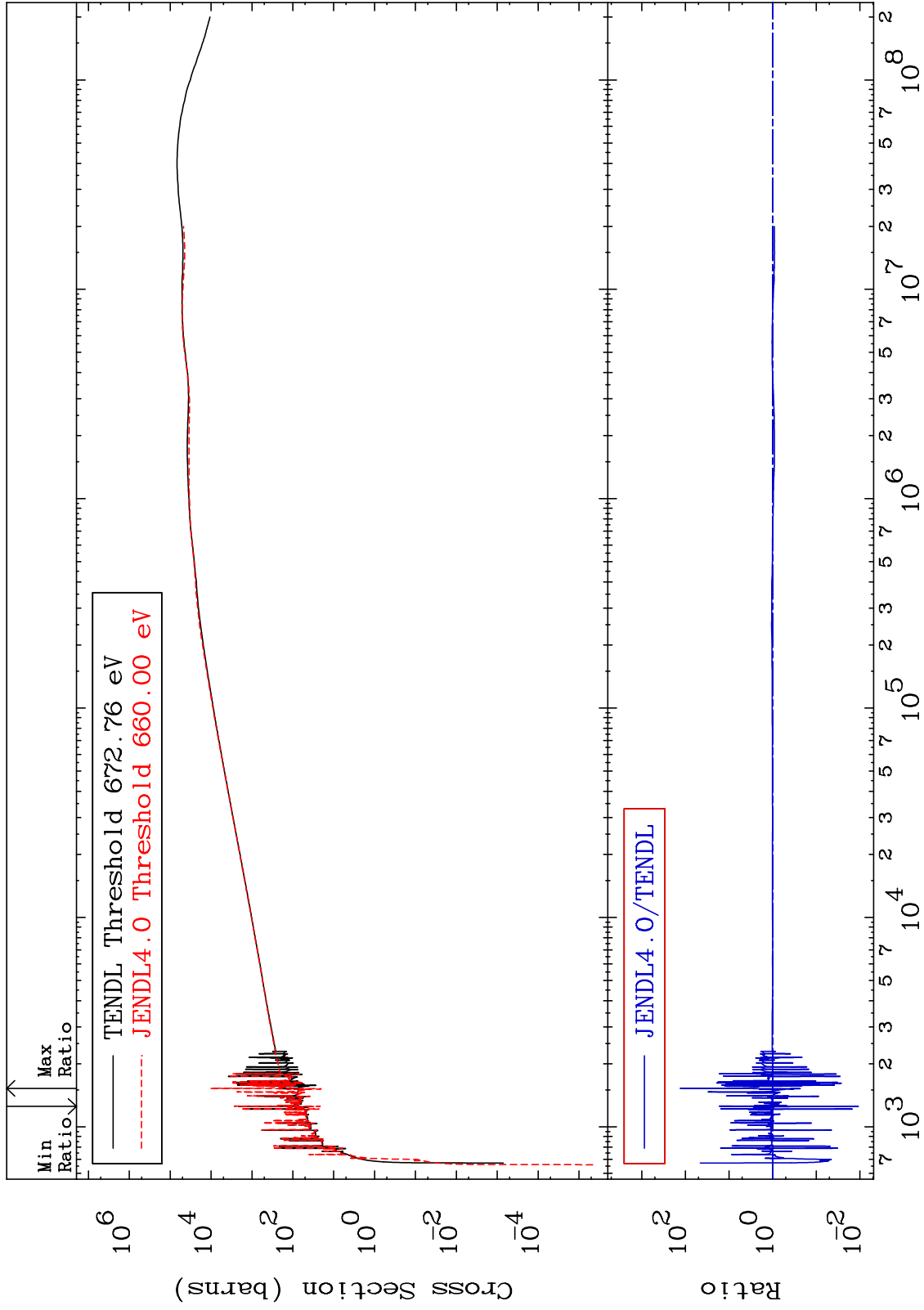
Incident Energy (eV)

48-Cd-111

MAT 4840

Dpa elastic (mt2)  
Cross Section

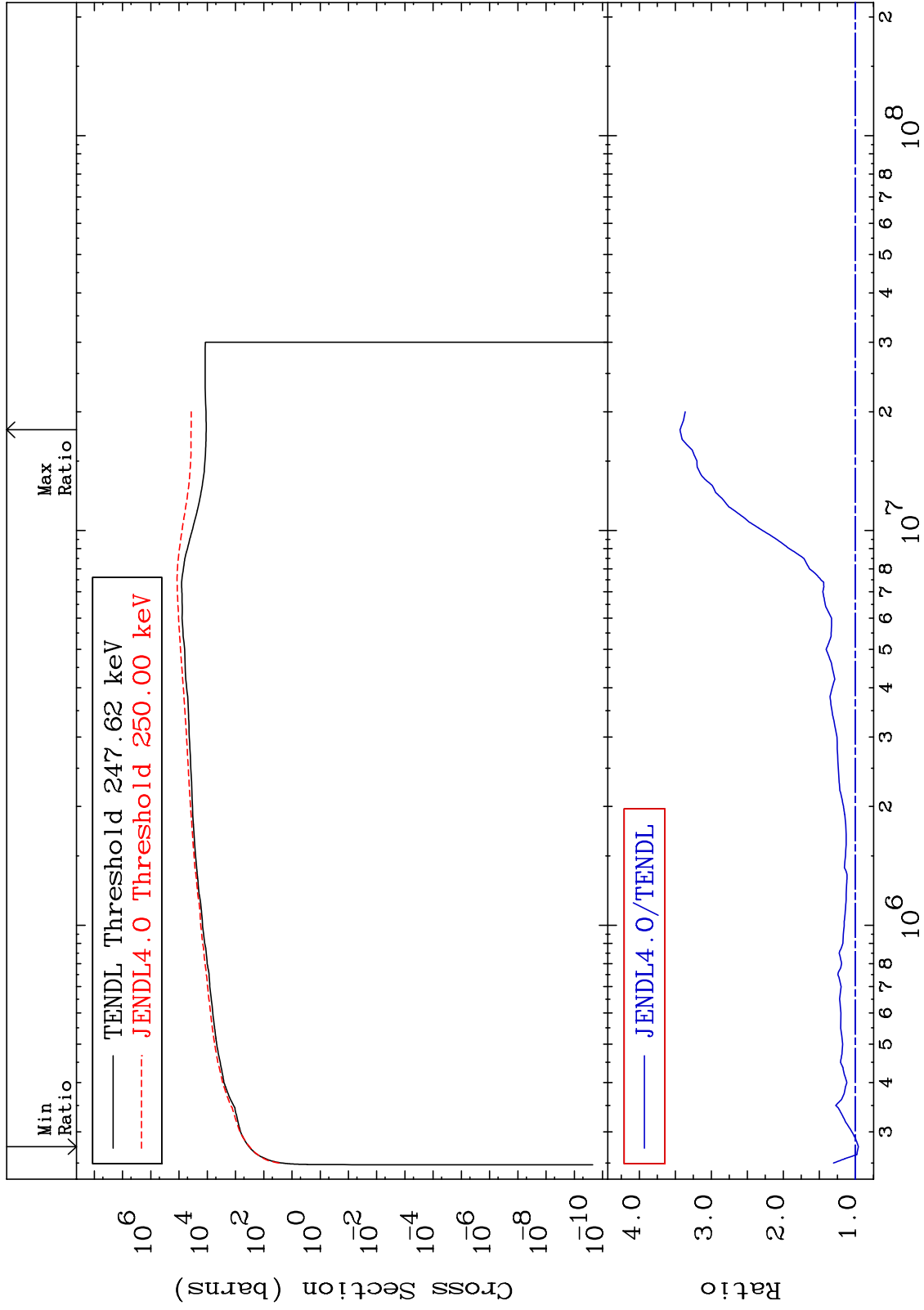
48-Cd-111  
-98.92 To 9999. %



MAT 4840

Dpa inelastic (mt51-91)  
Cross Section

48-Cd-111  
-4.300 To 243.5 %



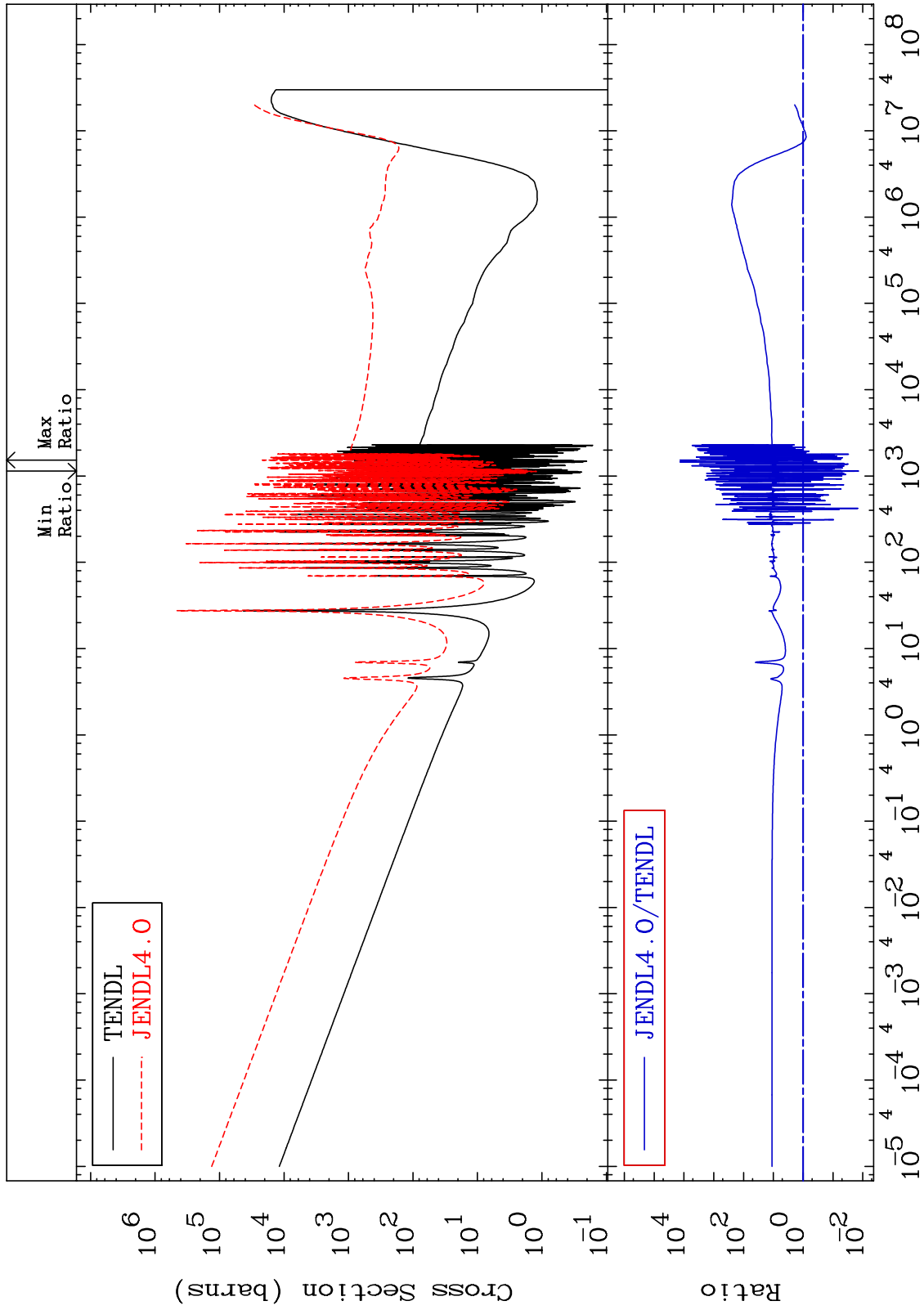
60

48-Cd-111

MAT 4840

Dpa disappearance (mt102 -120)  
Cross Section

48-Cd-111  
-98.60 To 9999. %



61

Incident Energy (eV)

48-Cd-111