

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

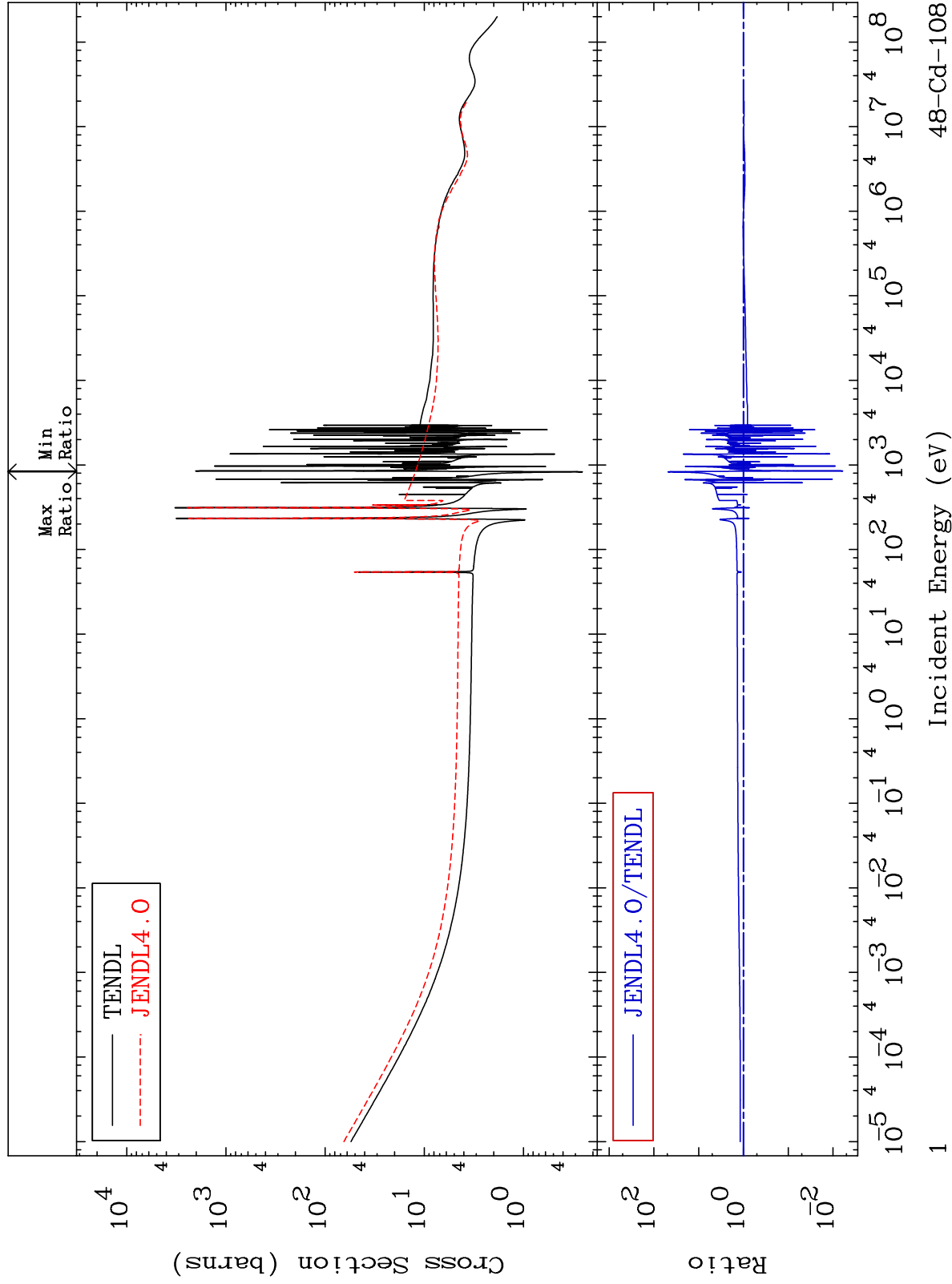
MAT 4831

Total

48-Cd-108

-99.40 To 4741. %

Cross Section



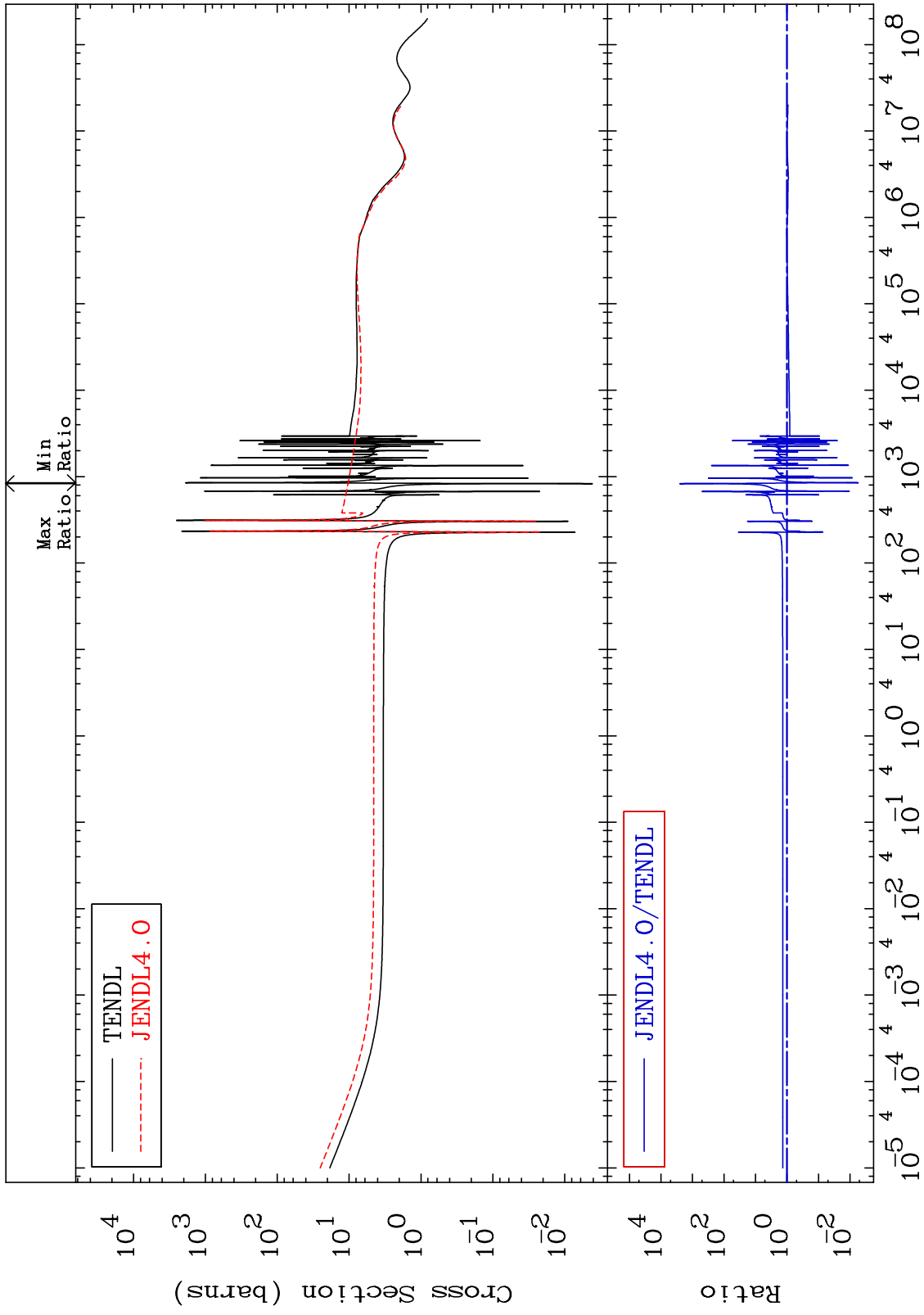
MAT 4831

Elastic

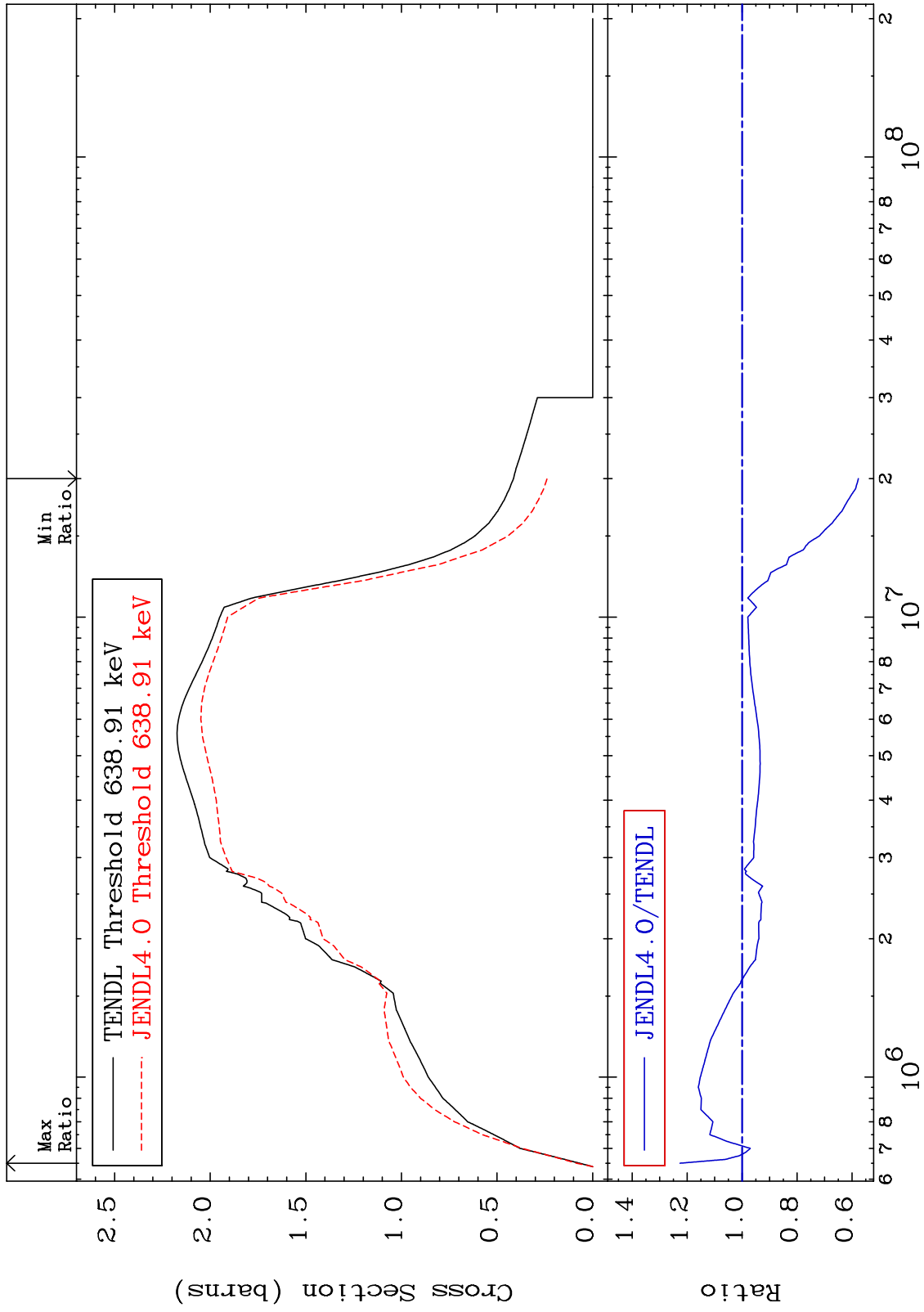
48-Cd-108

-99.46 To 9999. %

Cross Section



MAT 4831 Inelastic Cross Section 48-Cd-108 -42.33 To 22.59 %



3 Incident Energy (eV) 48-Cd-108

MAT 4831

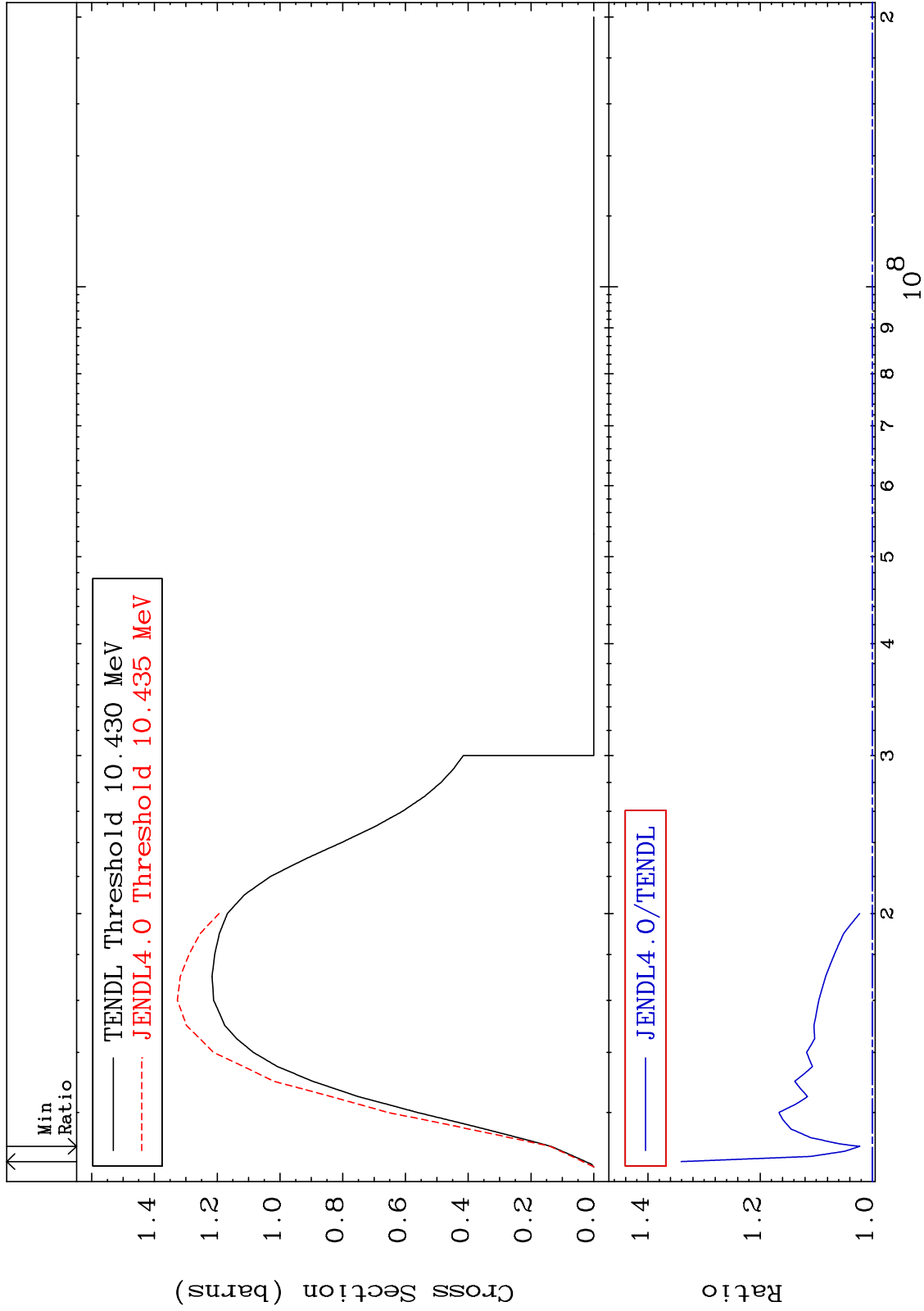
(n,2n)

48-Cd-108

Cross Section

2.211

To 34.08 %



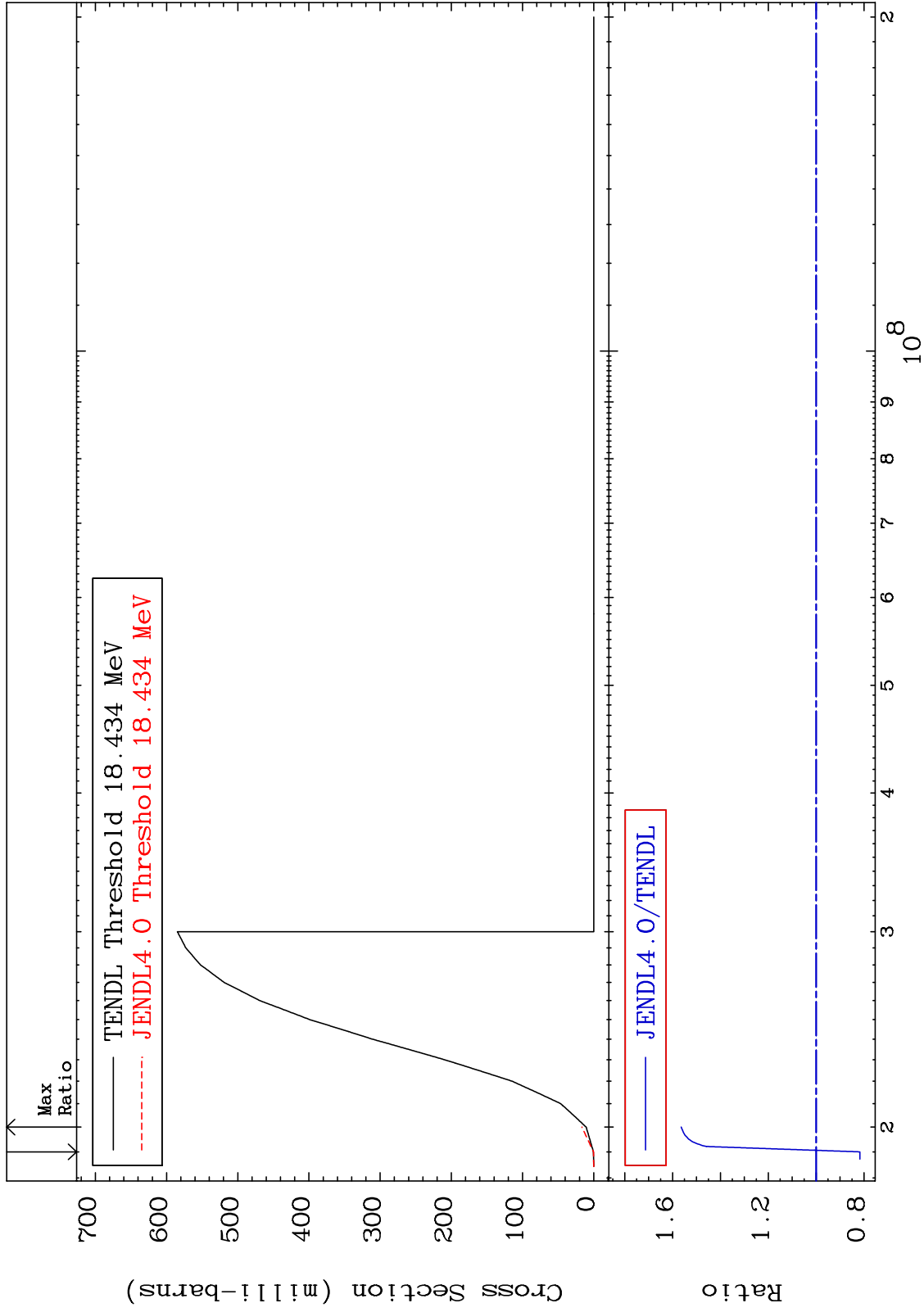
MAT 4831

(n, 3n)

48-Cd-108

Cross Section

-18.32 To 56.38 %



5

Incident Energy (eV)

48-Cd-108

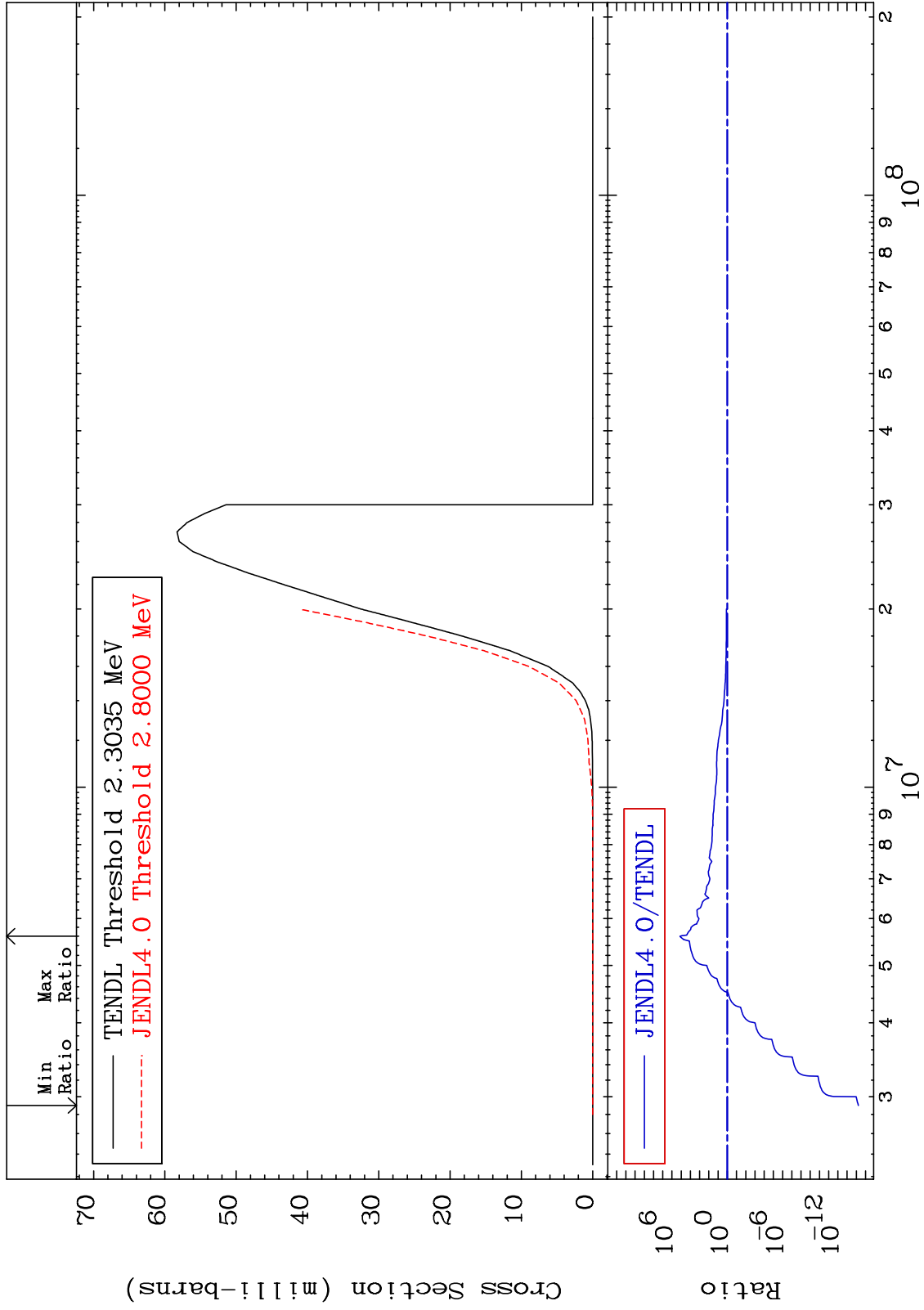
MAT 4831

(n,n')  $\alpha$

48-Cd-108

-100.0 To 9999. %

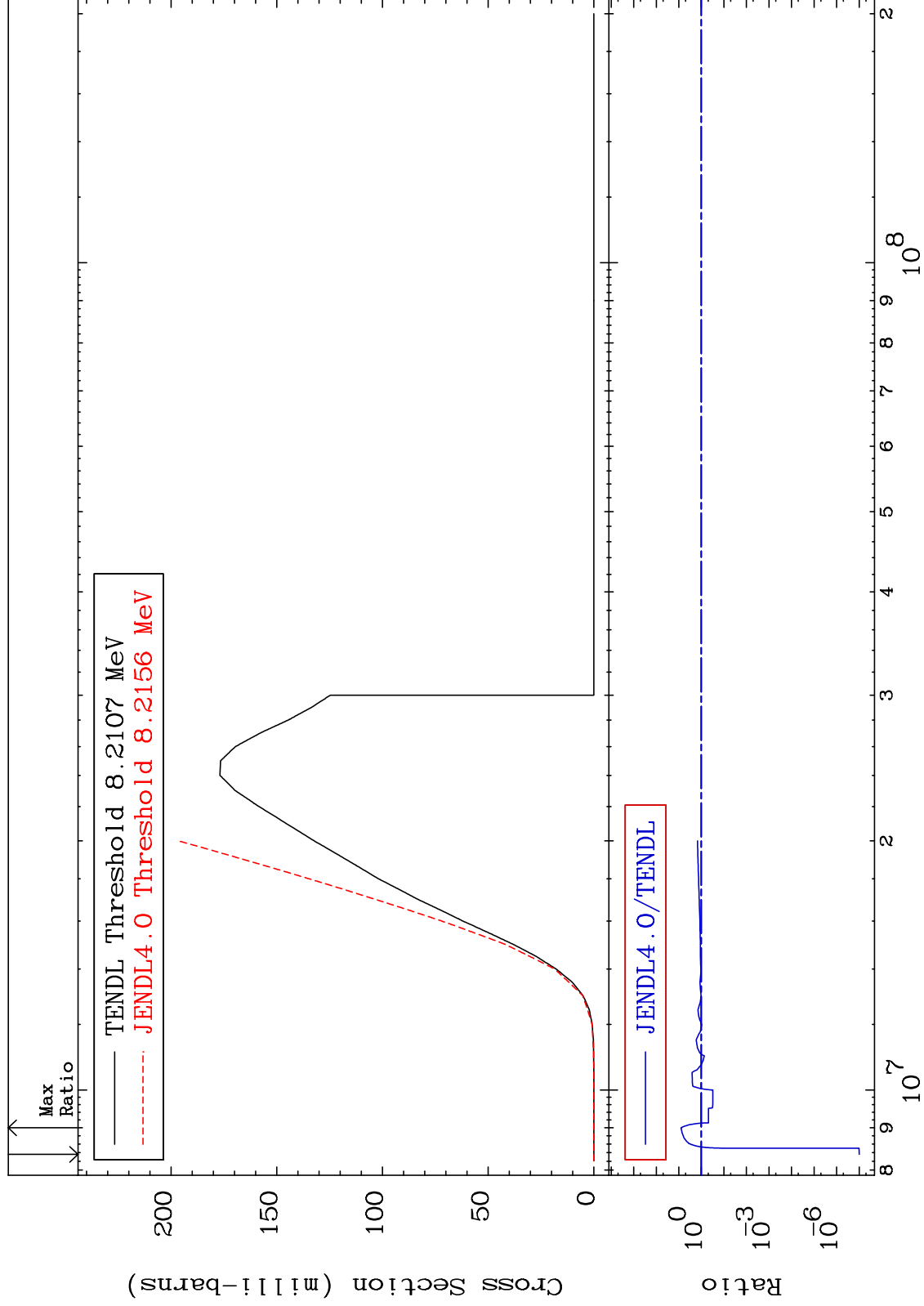
Cross Section



MAT 4831

(n,n') p  
Cross Section

48-Cd-108  
-100.0 To 694.1 %



Incident Energy (eV)

48-Cd-108



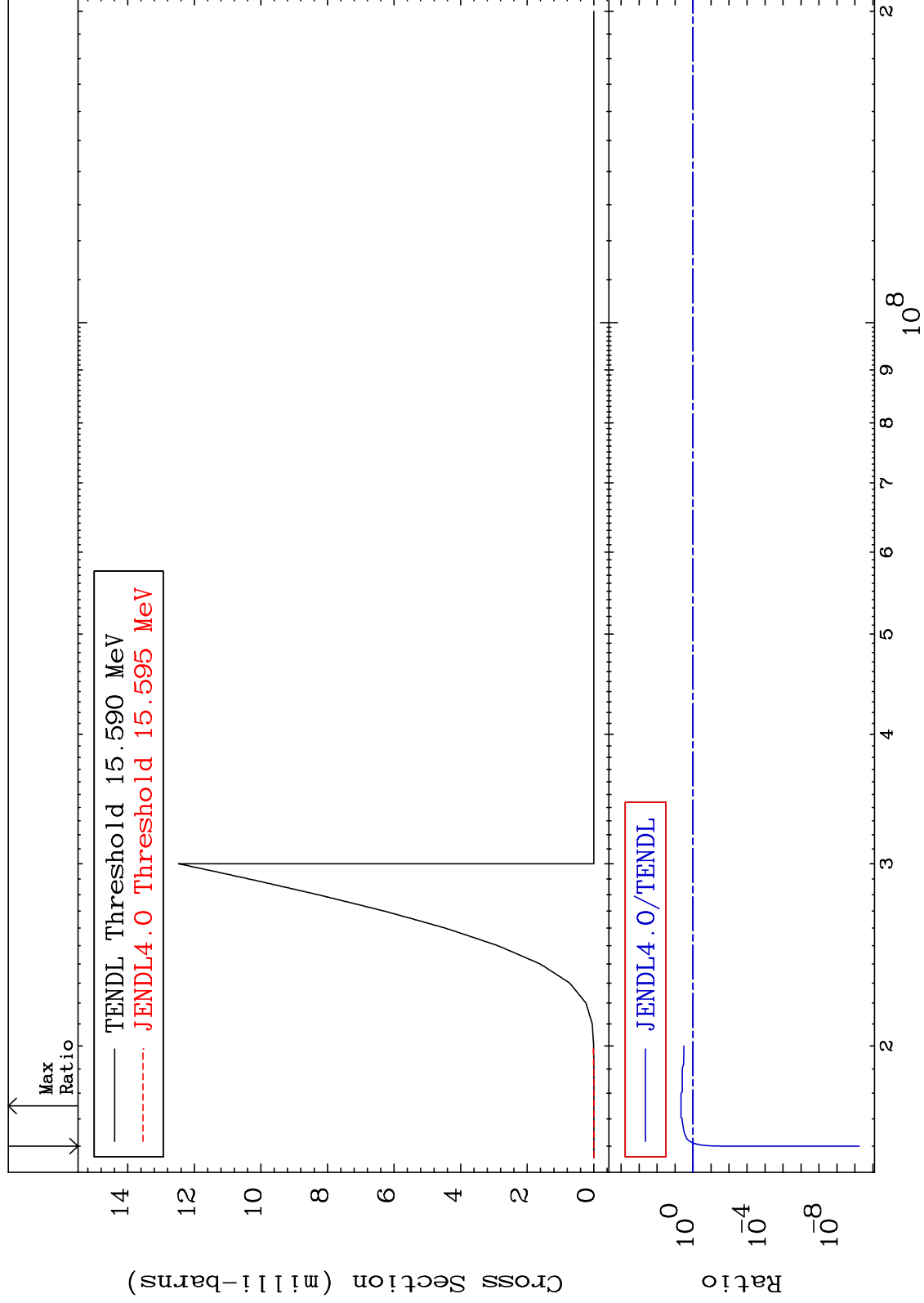
MAT 4831

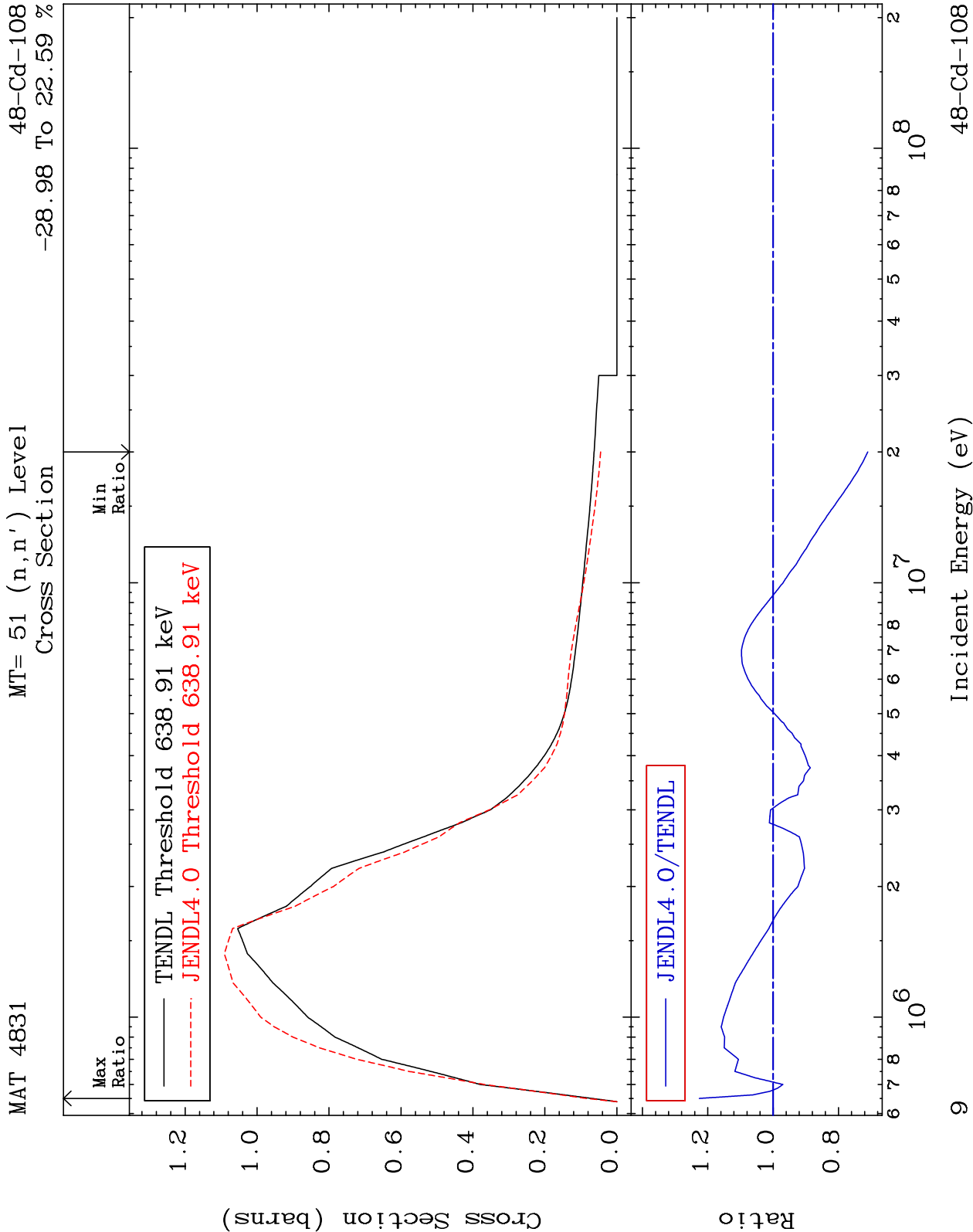
(n,n') d

48-Cd-108

Cross Section

-100.0 To 364.3 %

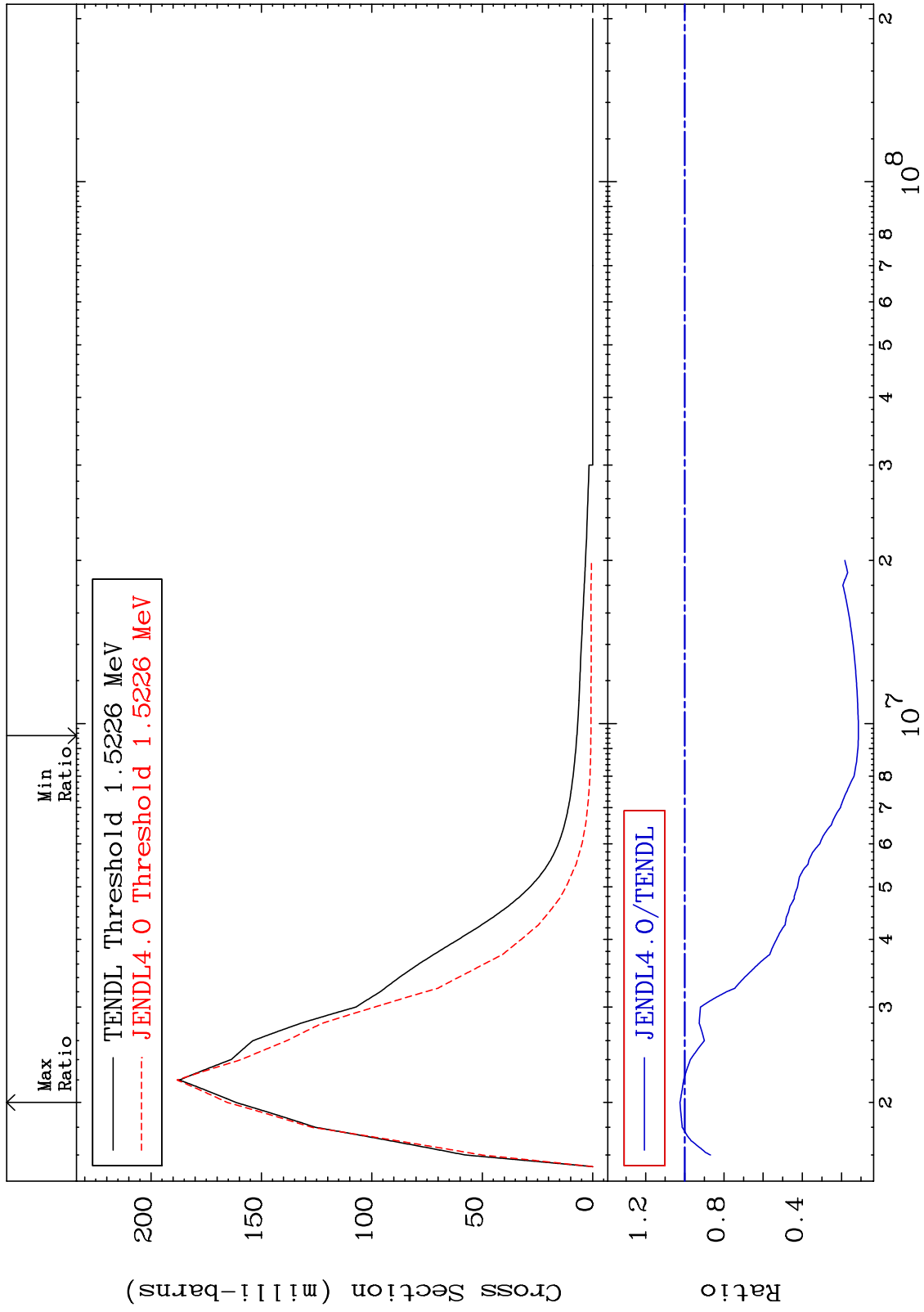




MAT 4831

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

48-Cd-108  
-88.64 To 2.434 %



10

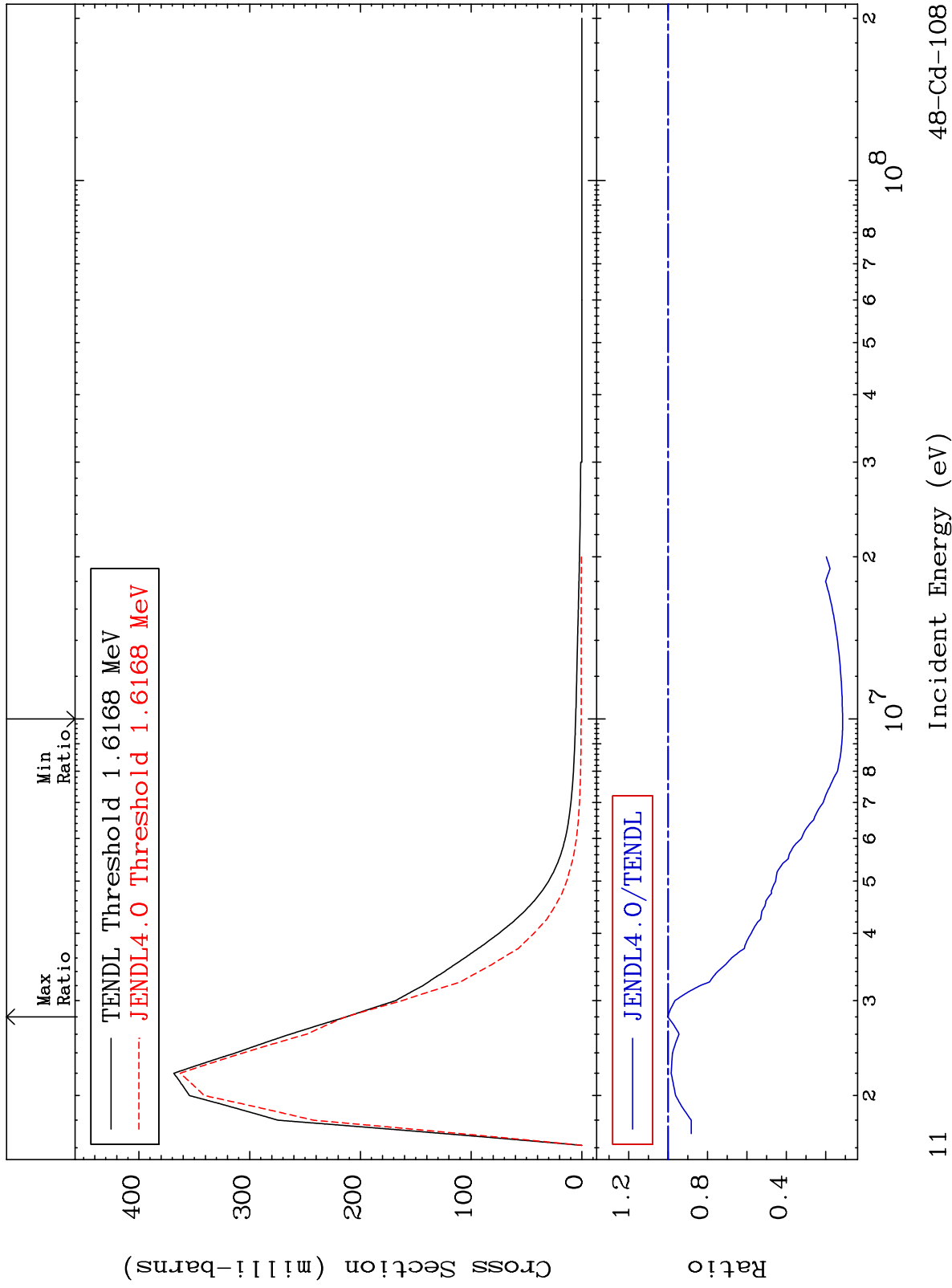
Incident Energy (eV)

48-Cd-108

MAT 4831

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

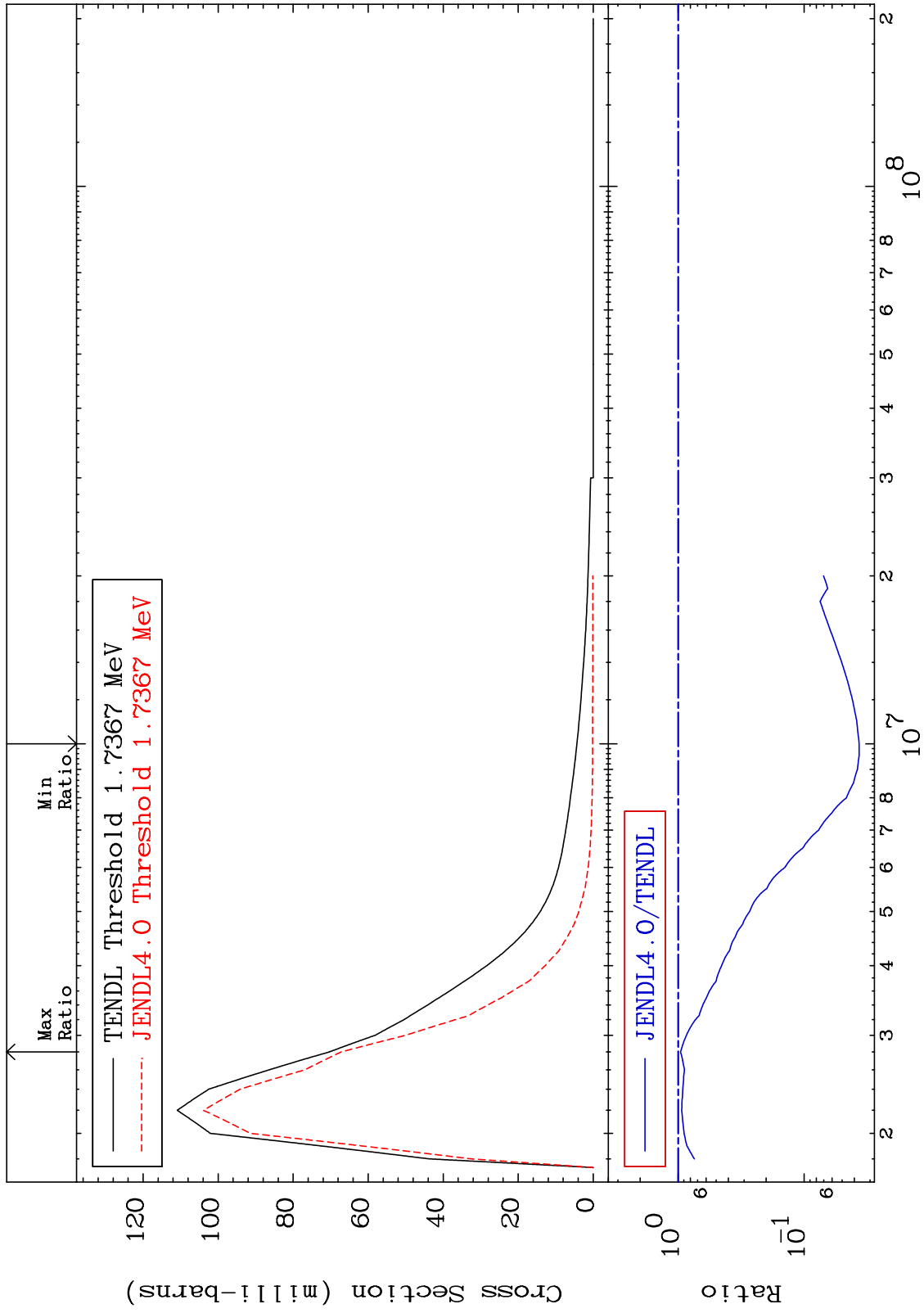
48-Cd-108  
-88.66 To 0.300 %



MAT 4831

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

48-Cd-108  
-96.34 To -4.556%



12

Incident Energy (eV)

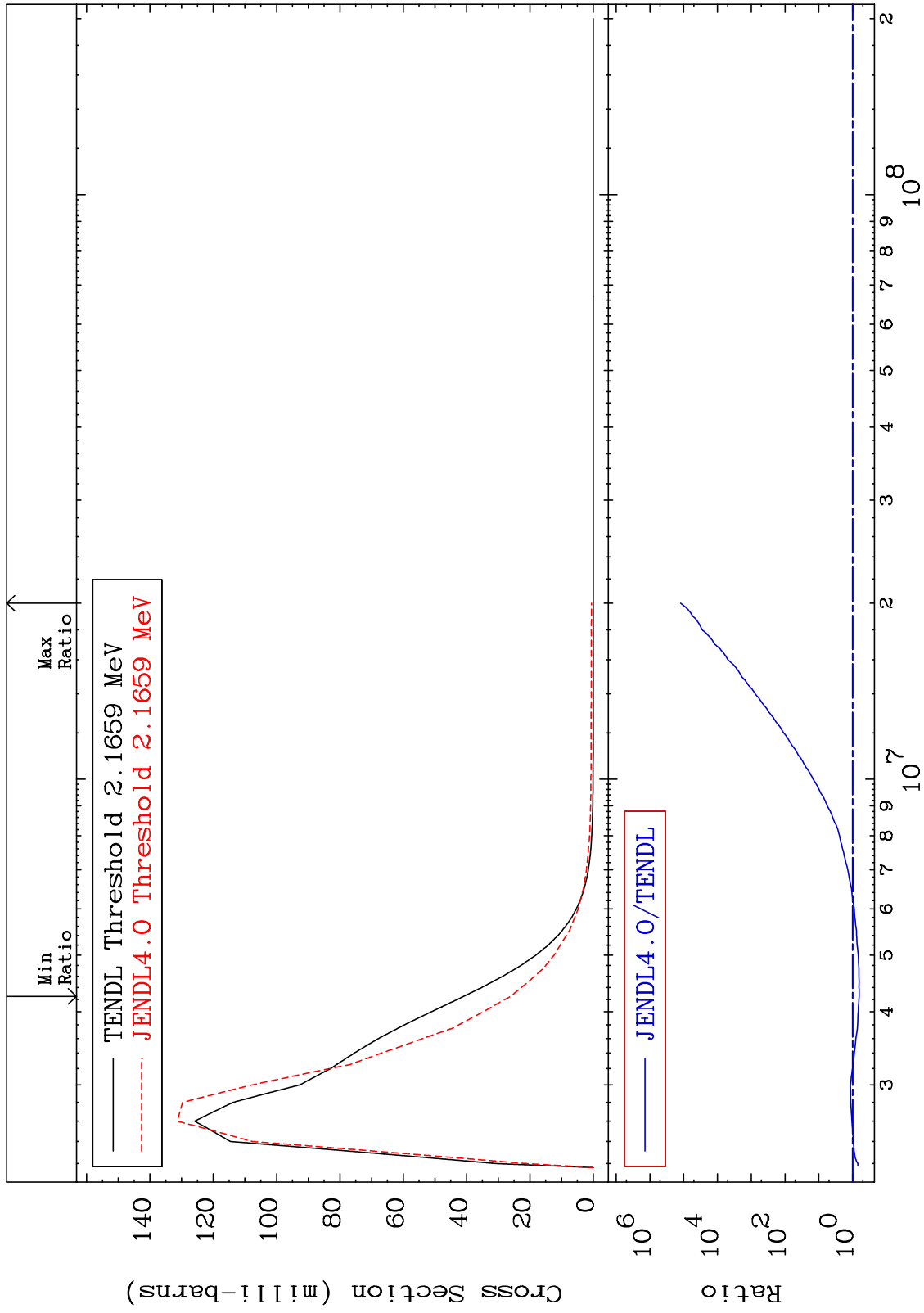
48-Cd-108



MAT 4831

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

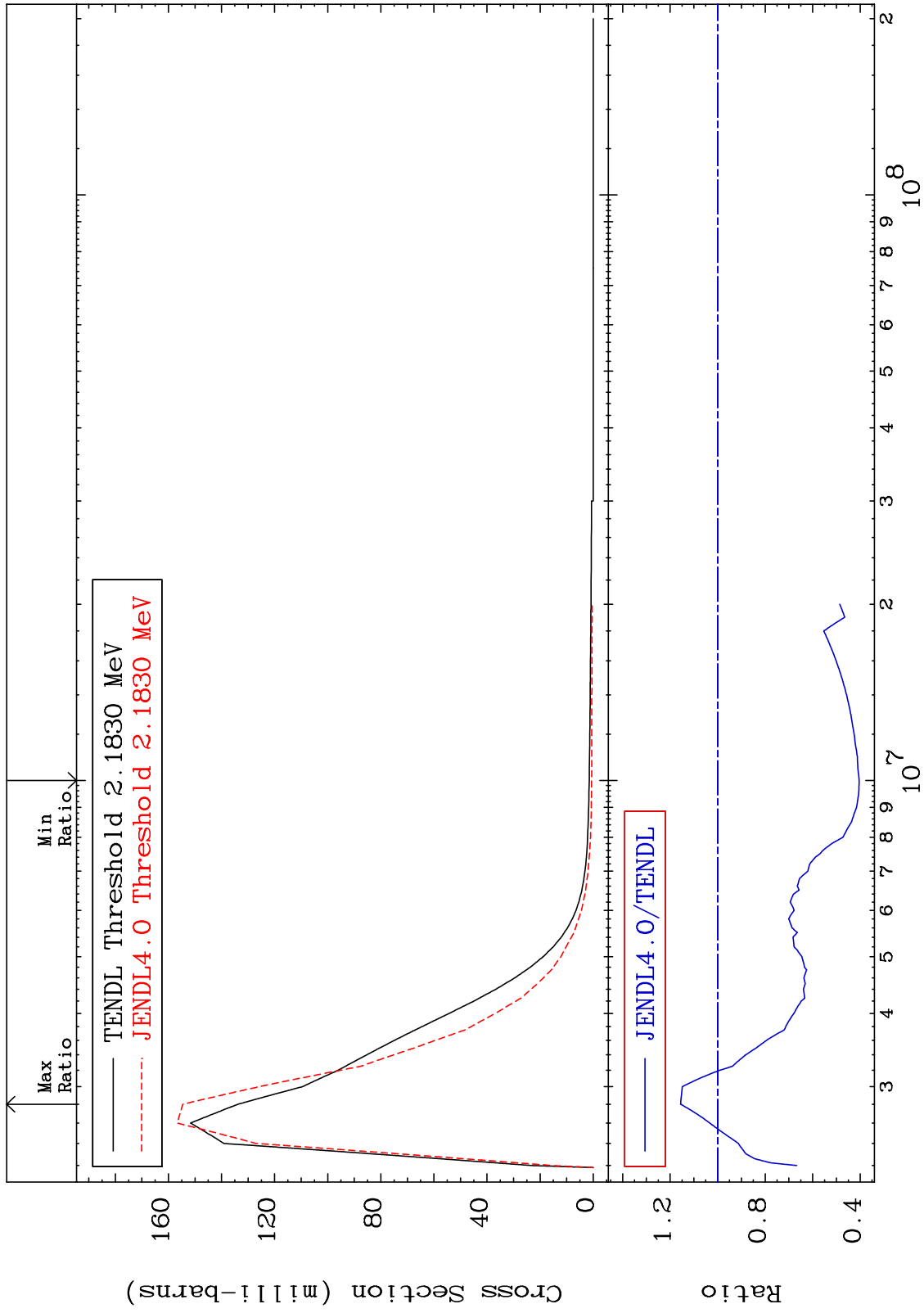
48-Cd-108  
-36.27 To 9999. %



MAT 4831

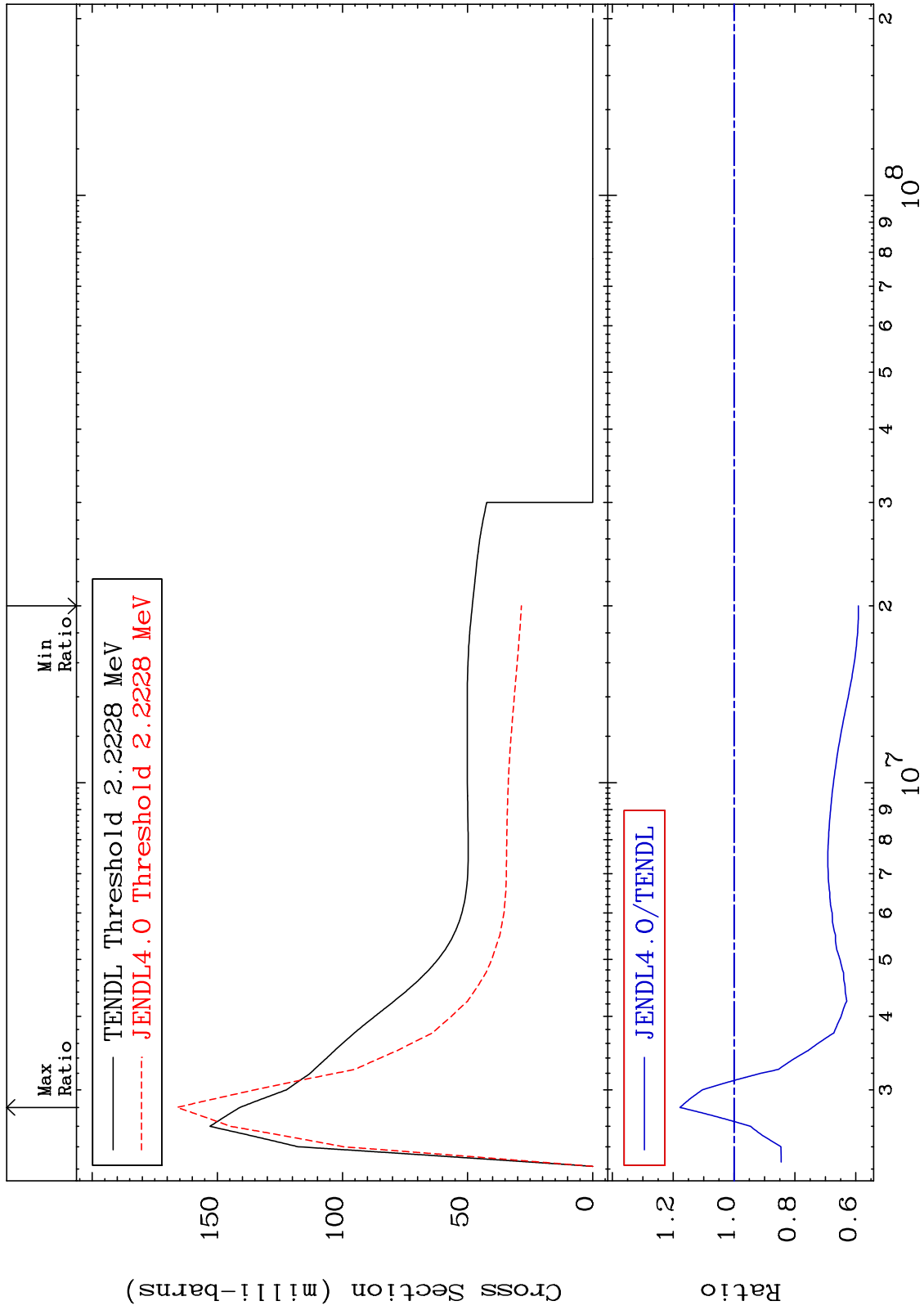
MT= 57 (n,n') Level  
Cross Section

48-Cd-108  
-59.56 To 15.58 %





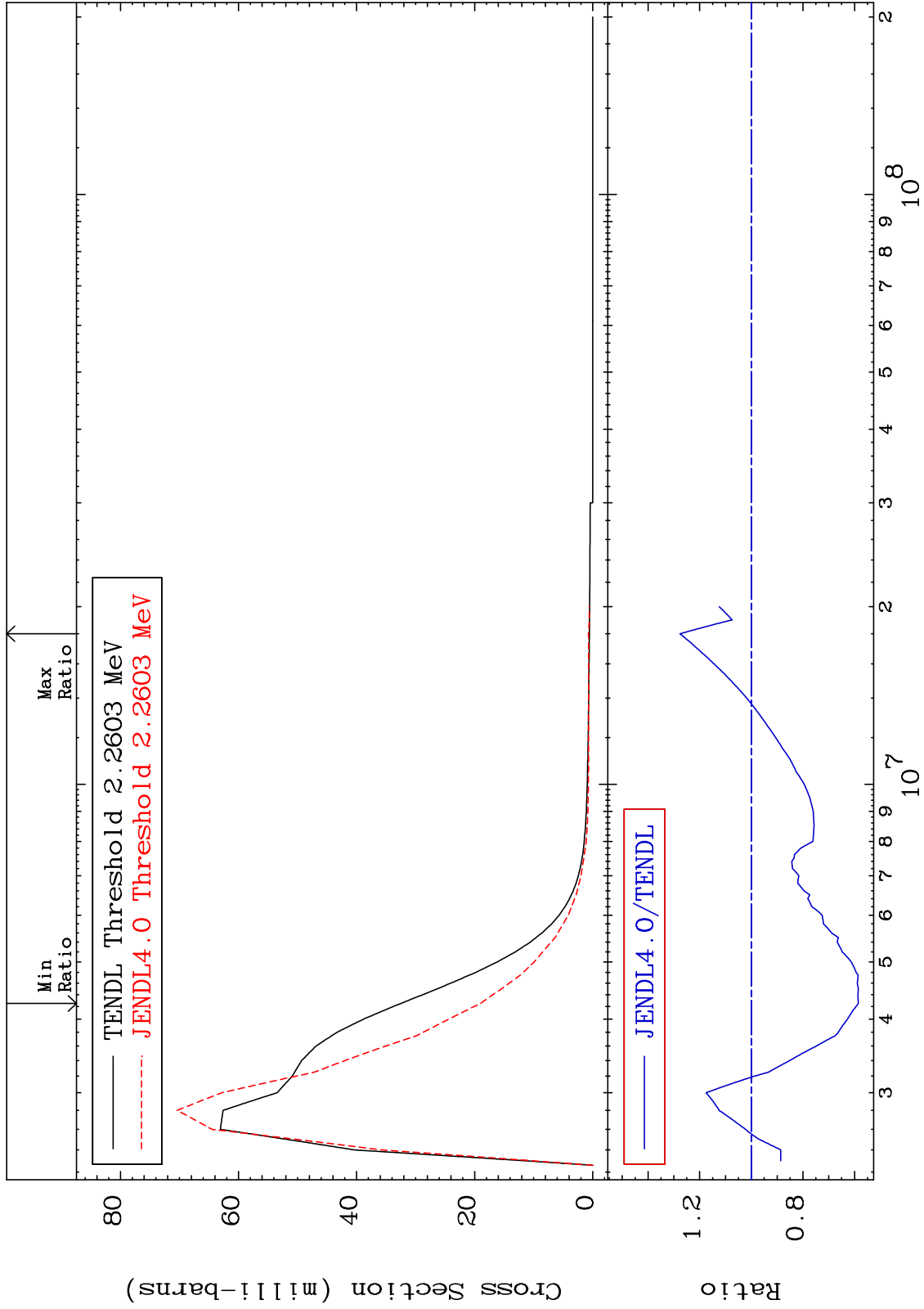
MAT 4831 MT= 58 (n,n') Level Cross Section 48-Cd-108  
 -40.85 To 17.79 %



MAT 4831

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

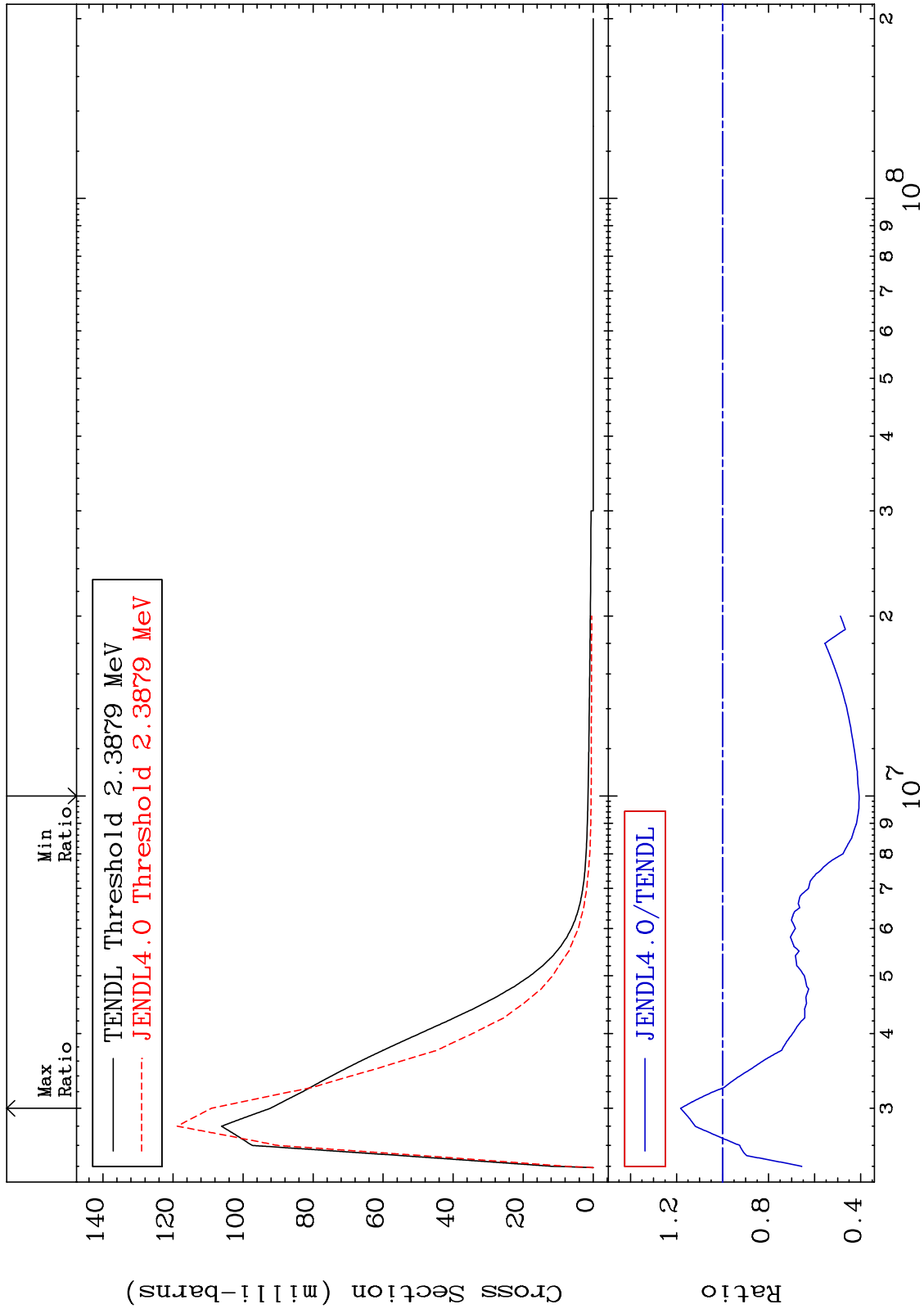
48-Cd-108  
-41.49 To 27.62 %



MAT 4831

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

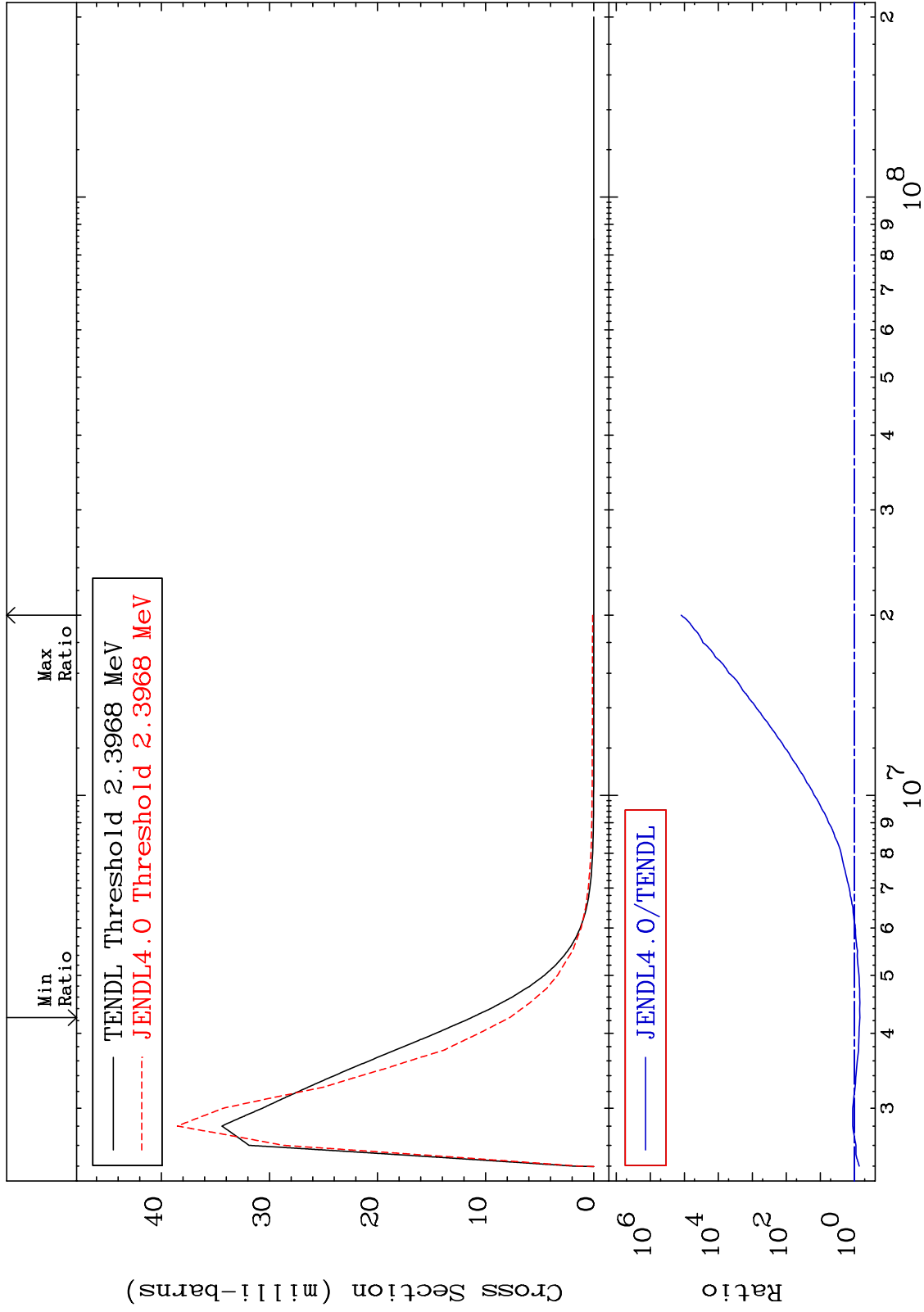
48-Cd-108  
-59.34 To 18.22 %



MAT 4831

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

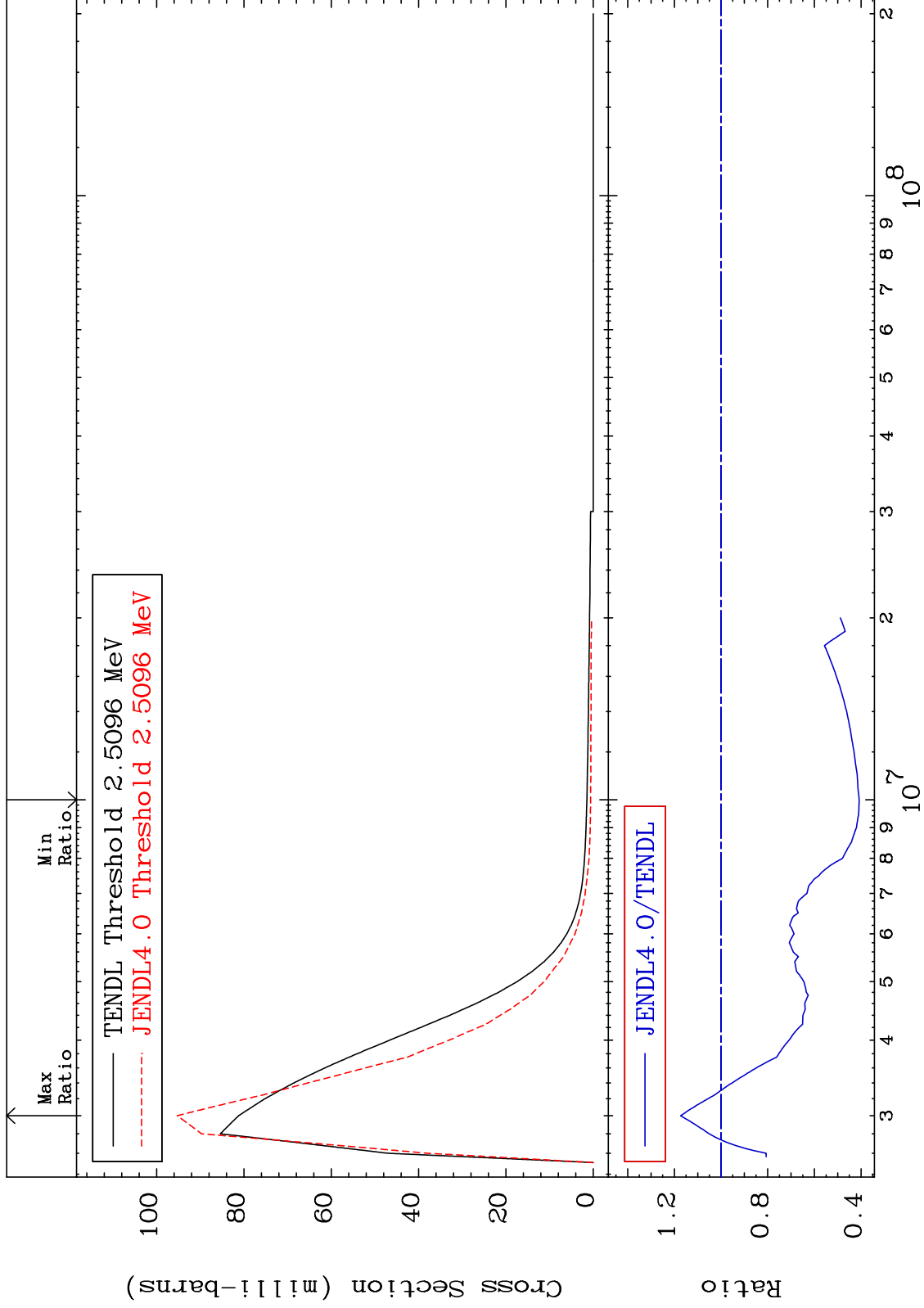
48-Cd-108  
-31.41 To 9999. %



MAT 4831

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

48-Cd-108  
-59.19 To 17.32 %



20

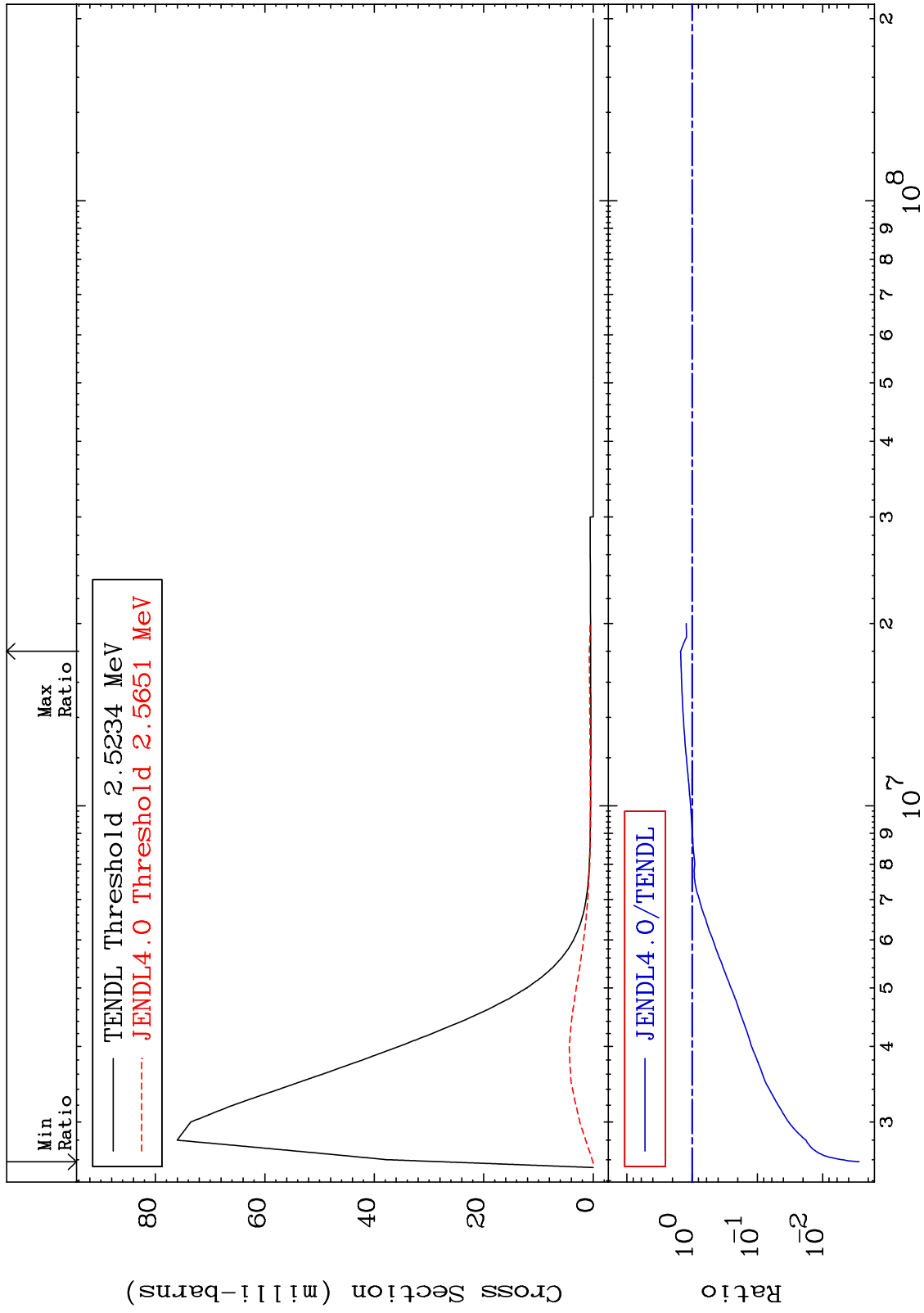
Incident Energy (eV)

48-Cd-108

MAT 4831

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

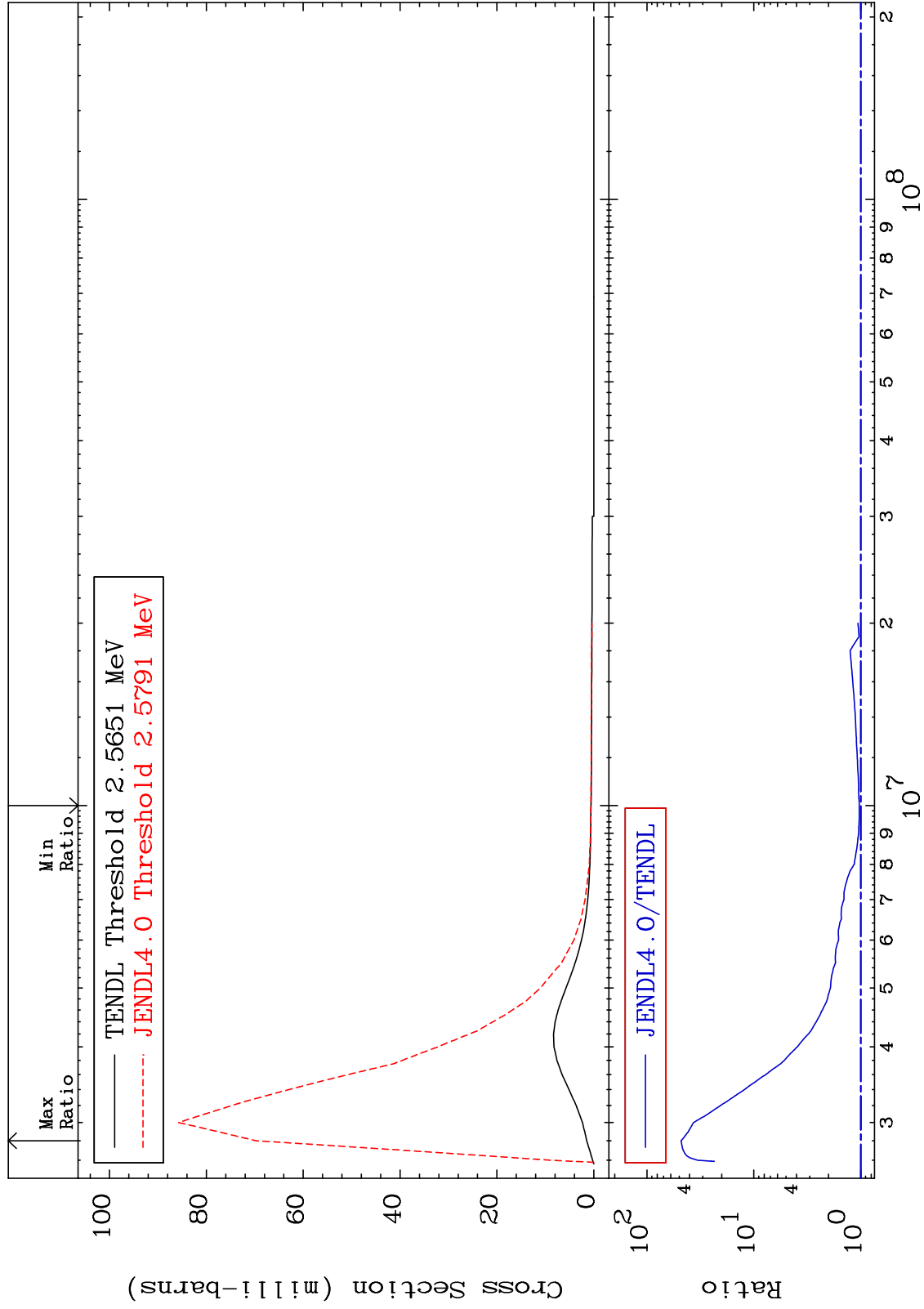
48-Cd-108  
-99.72 To 50.15 %



MAT 4831

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

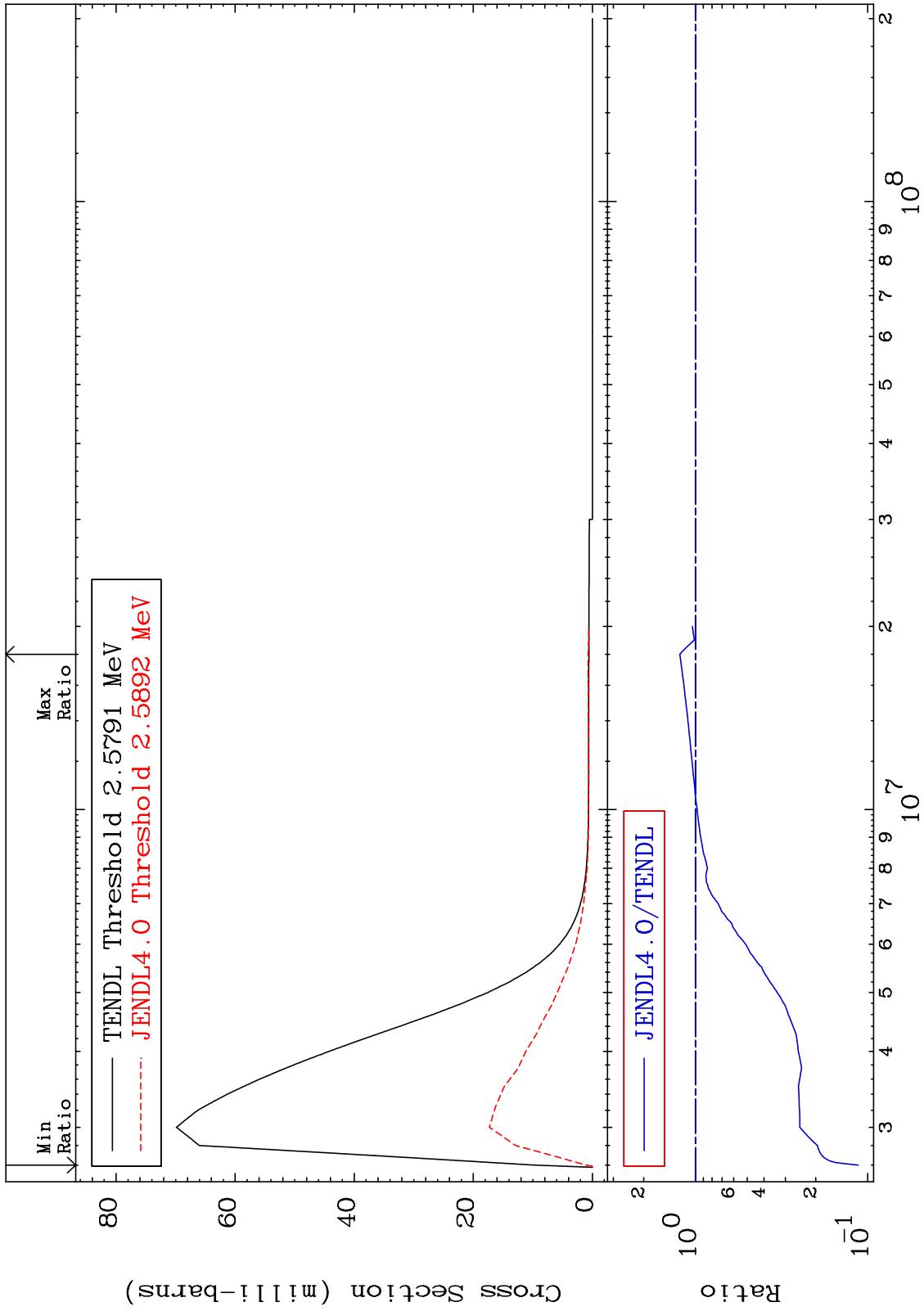
48-Cd-108  
3.226 To 4698. %



MAT 4831

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

48-Cd-108  
-88.68 To 23.29 %

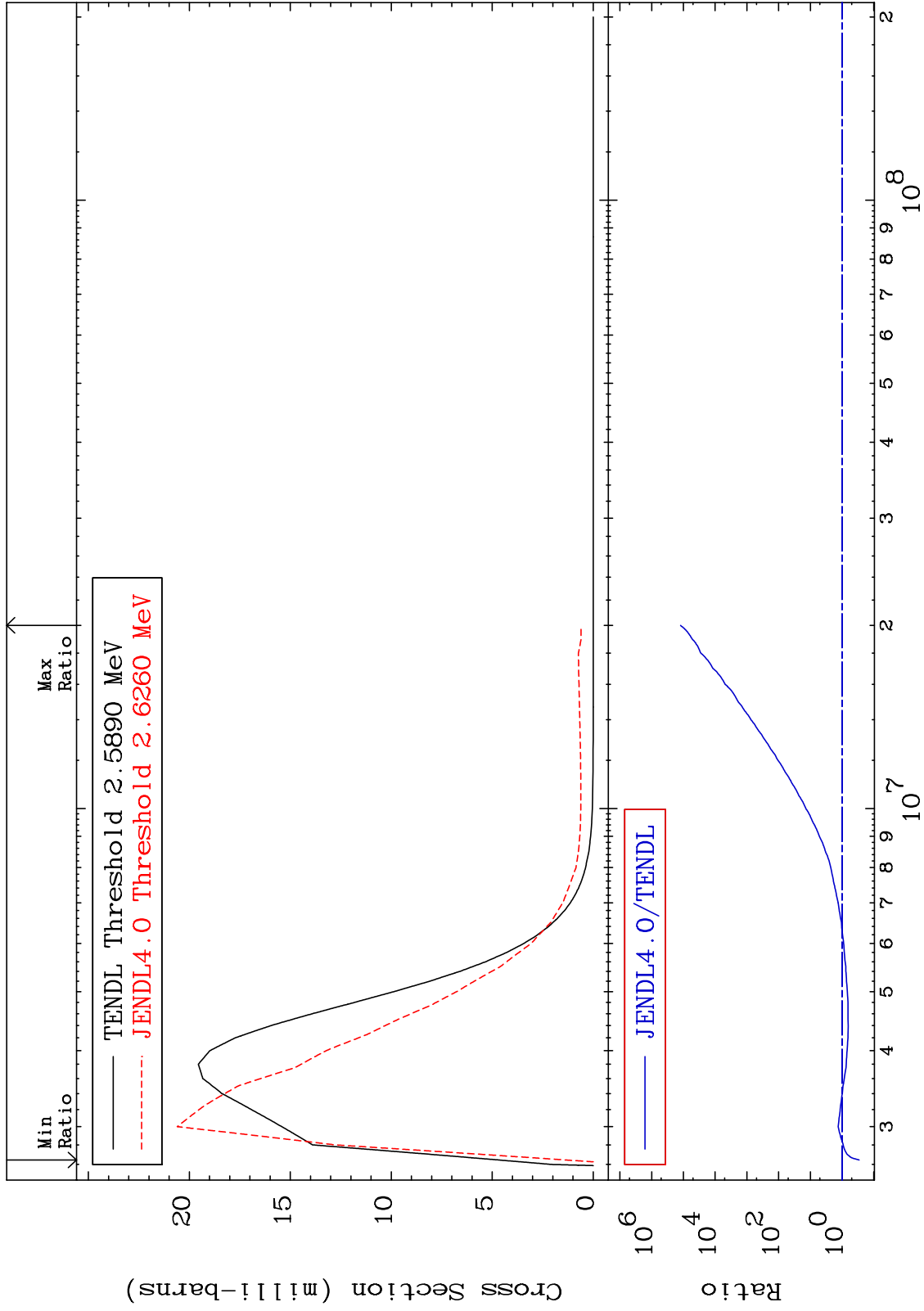




MAT 4831

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

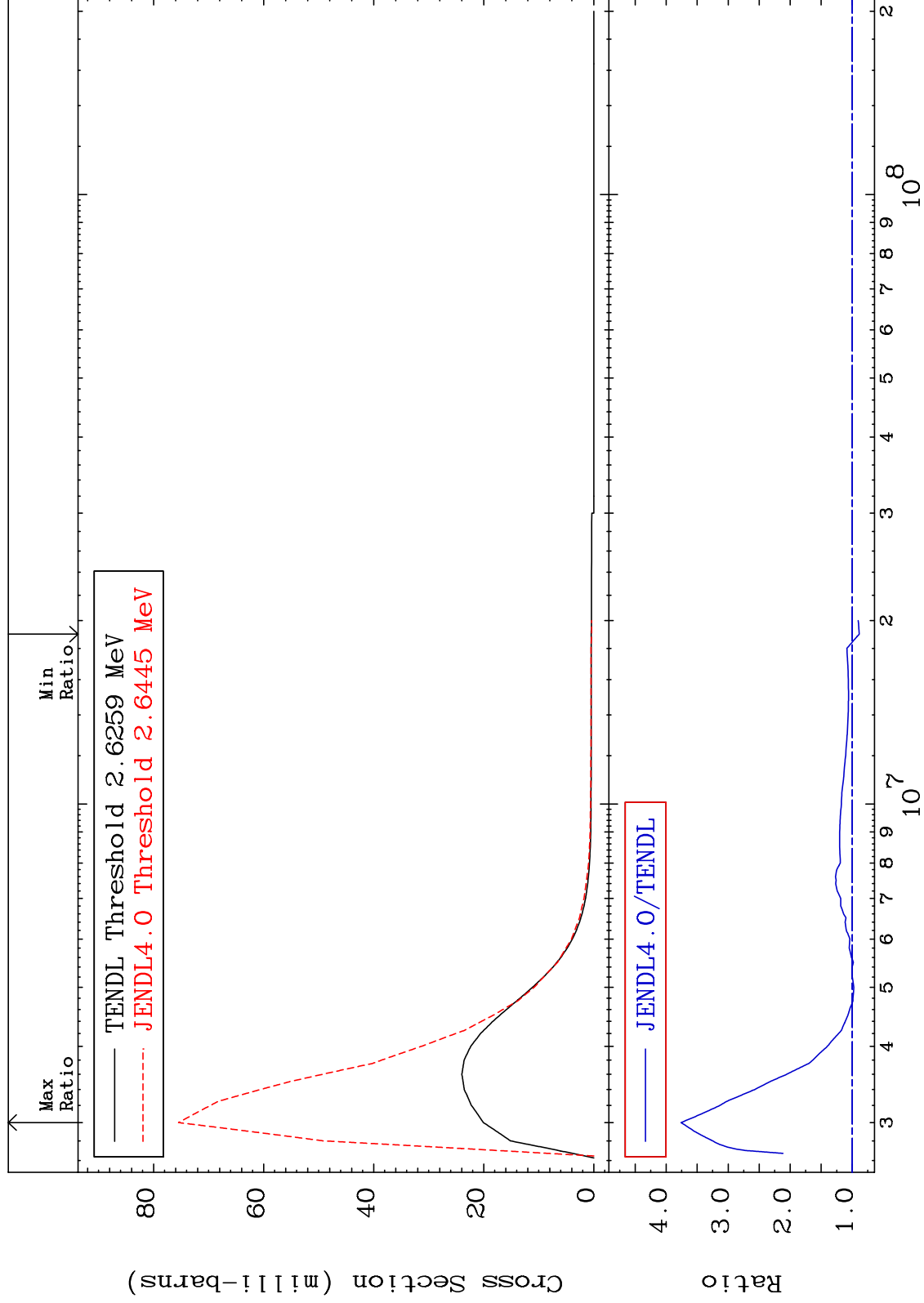
48-Cd-108  
-71.00 To 9999. %



MAT 4831

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

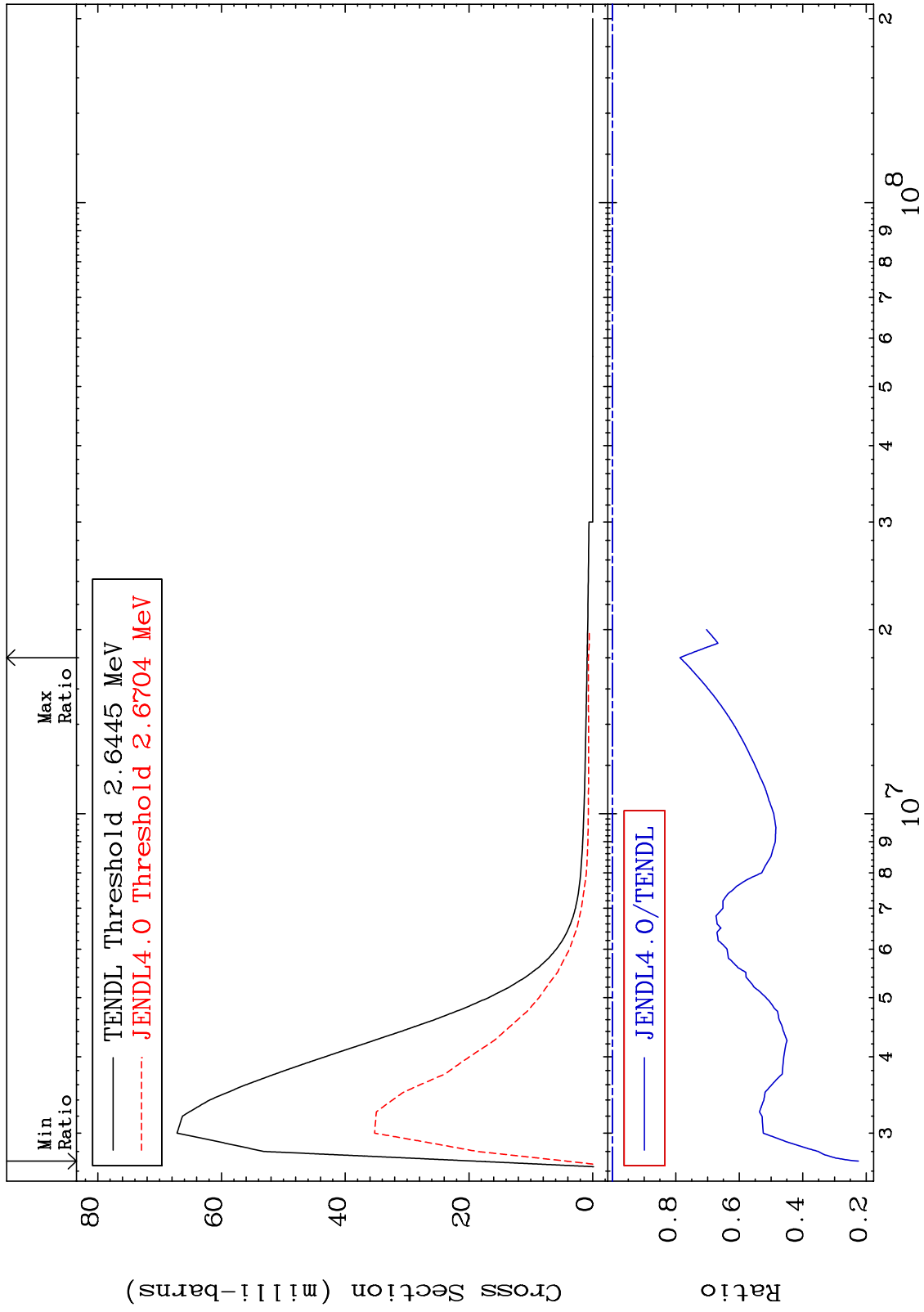
48-Cd-108  
-11.41 To 276.0 %



MAT 4831

MT= 68 (n,n') Level  
Cross Section

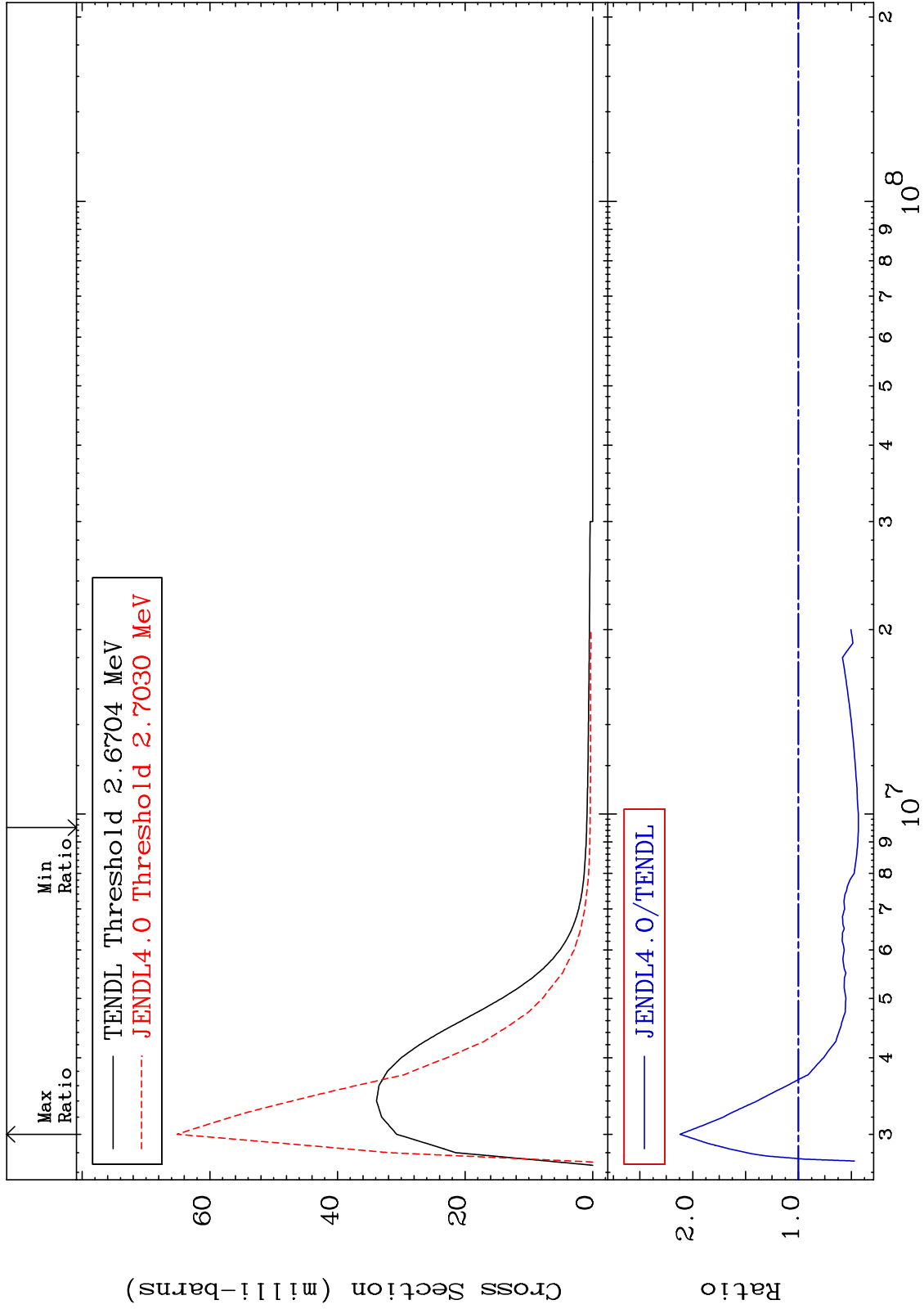
48-Cd-108  
-77.53 To -21.32%



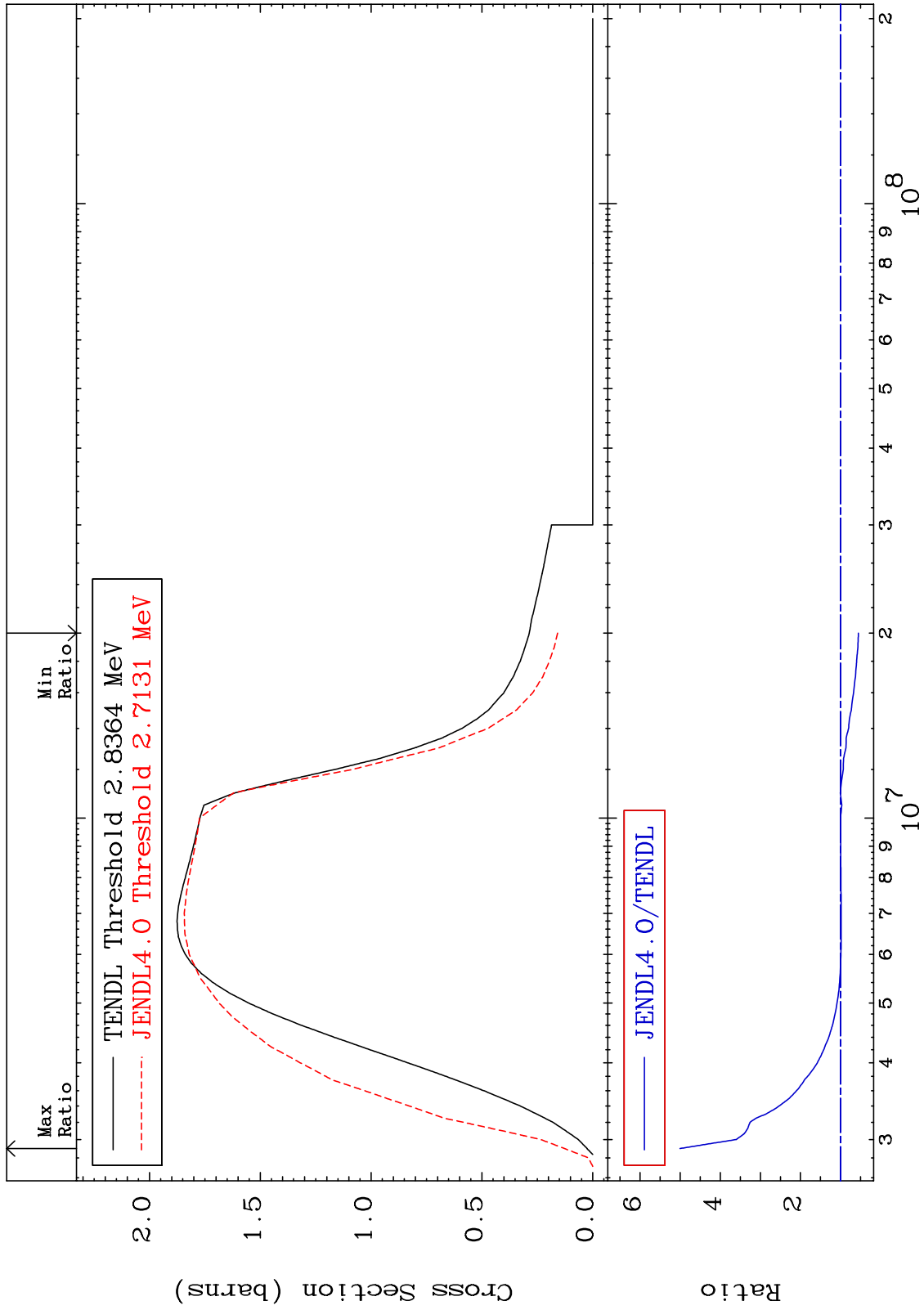
MAT 4831

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

48-Cd-108  
-56.73 To 112.0 %



MAT 4831 (n, n') Continuum Cross Section 48-Cd-108 -44.64 To 400.4 %

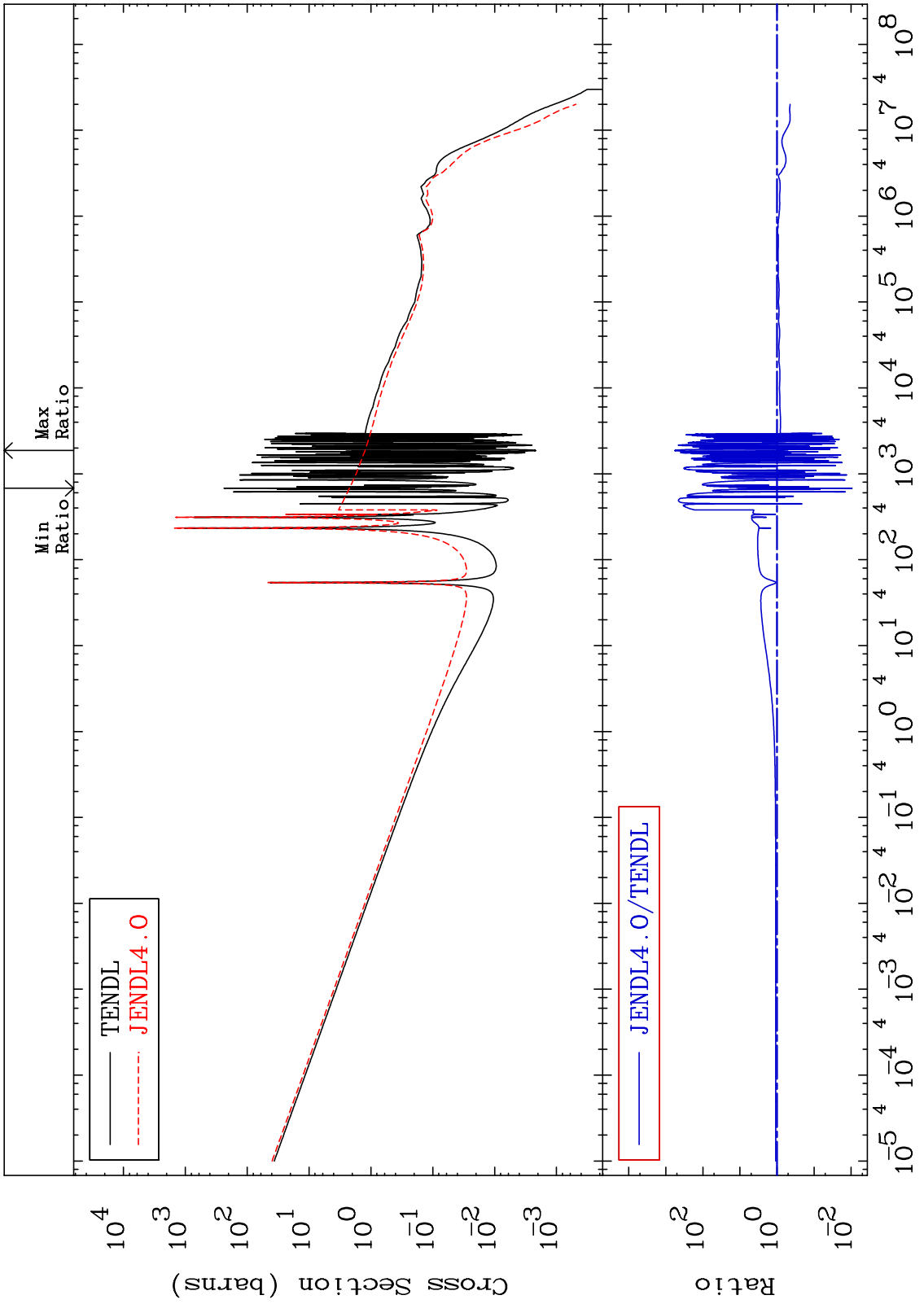


28 Incident Energy (eV) 48-Cd-108

MAT 4831

(n,  $\gamma$ )  
Cross Section

48-Cd-108  
-99.06 To 9999. %



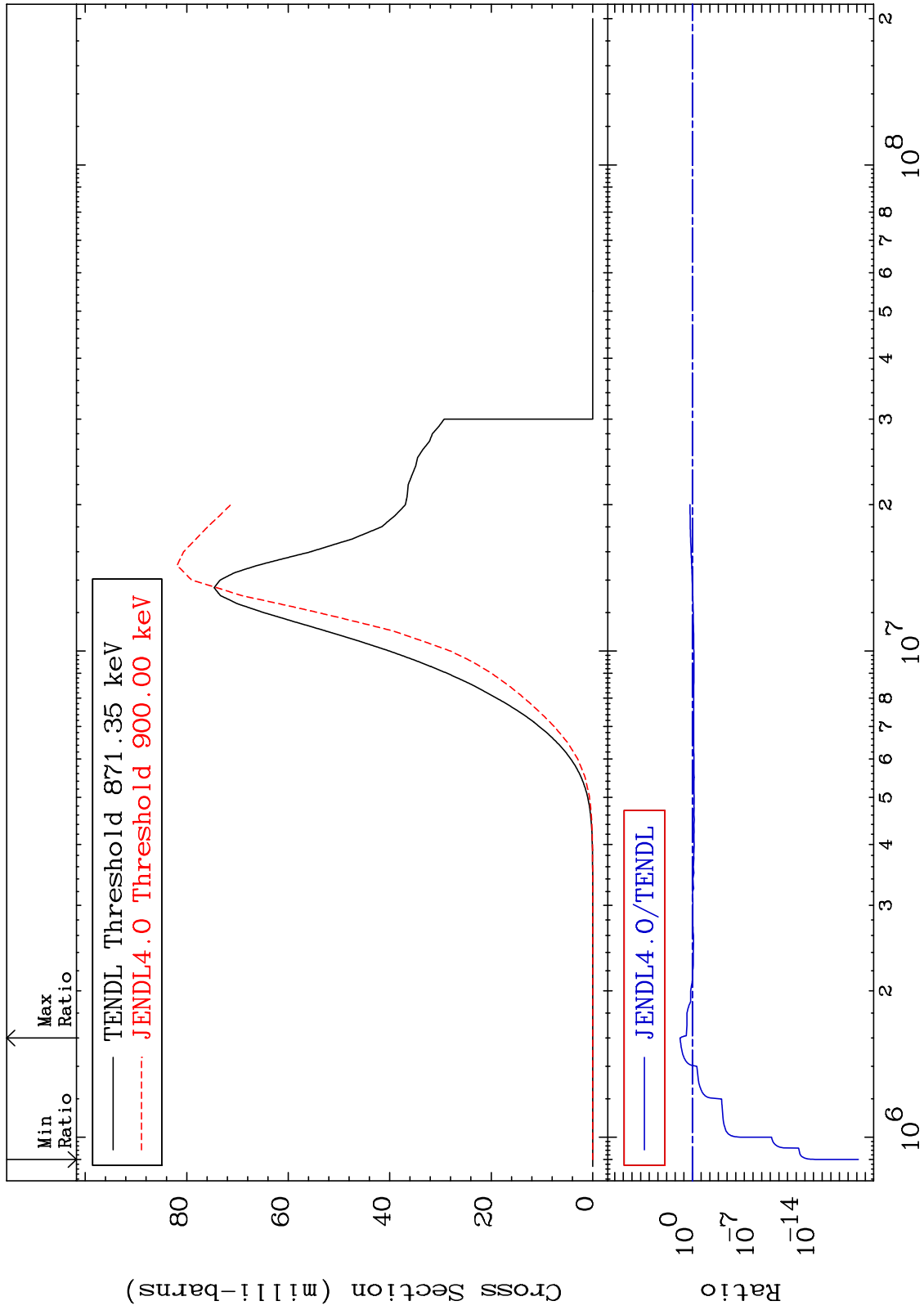
MAT 4831

(n, p)

48-Cd-108

Cross Section

-100.0 To 2669. %



30

Incident Energy (eV)

48-Cd-108

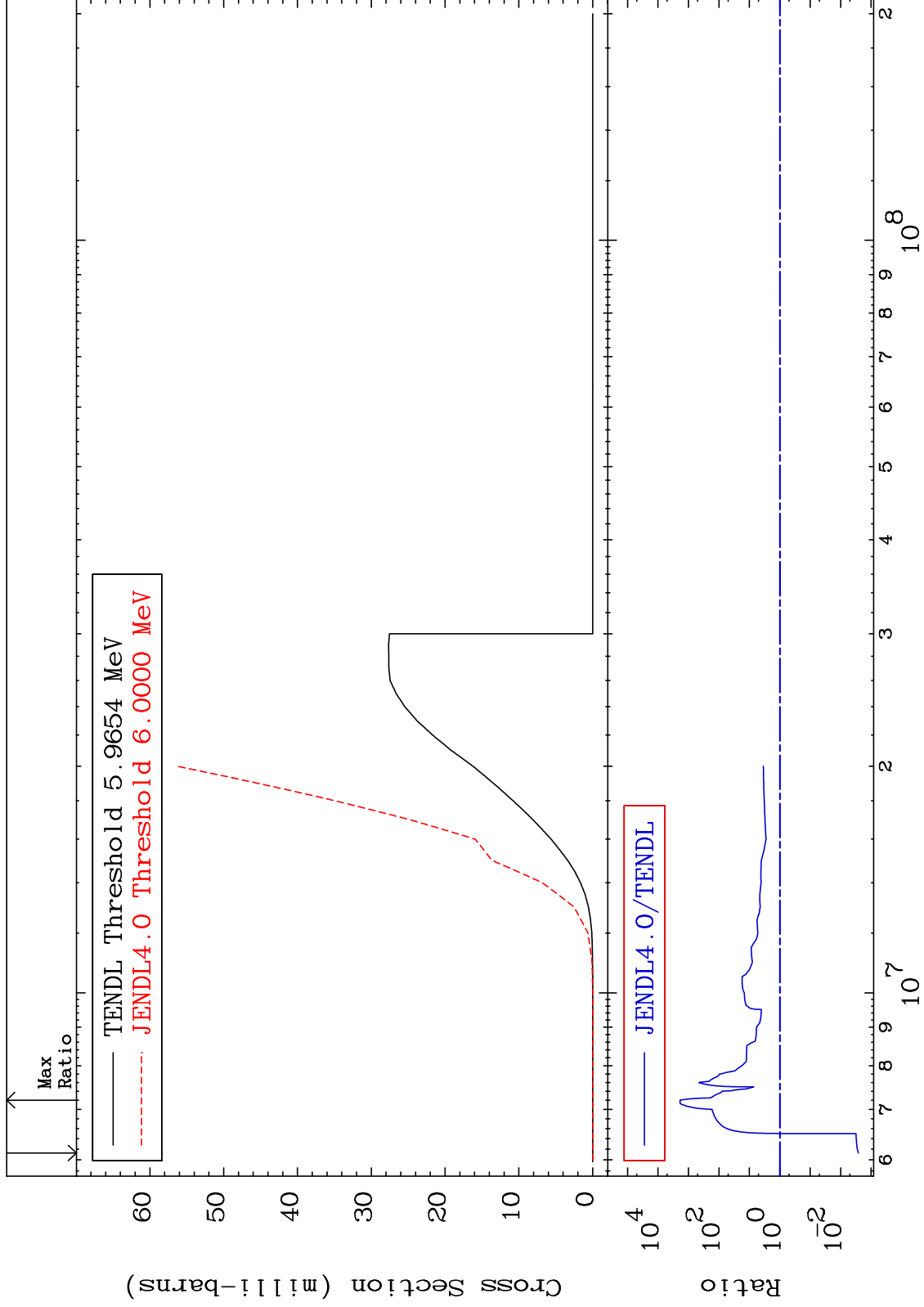
MAT 4831

(n,d)

48-Cd-108

Cross Section

-99.74 To 9999. %





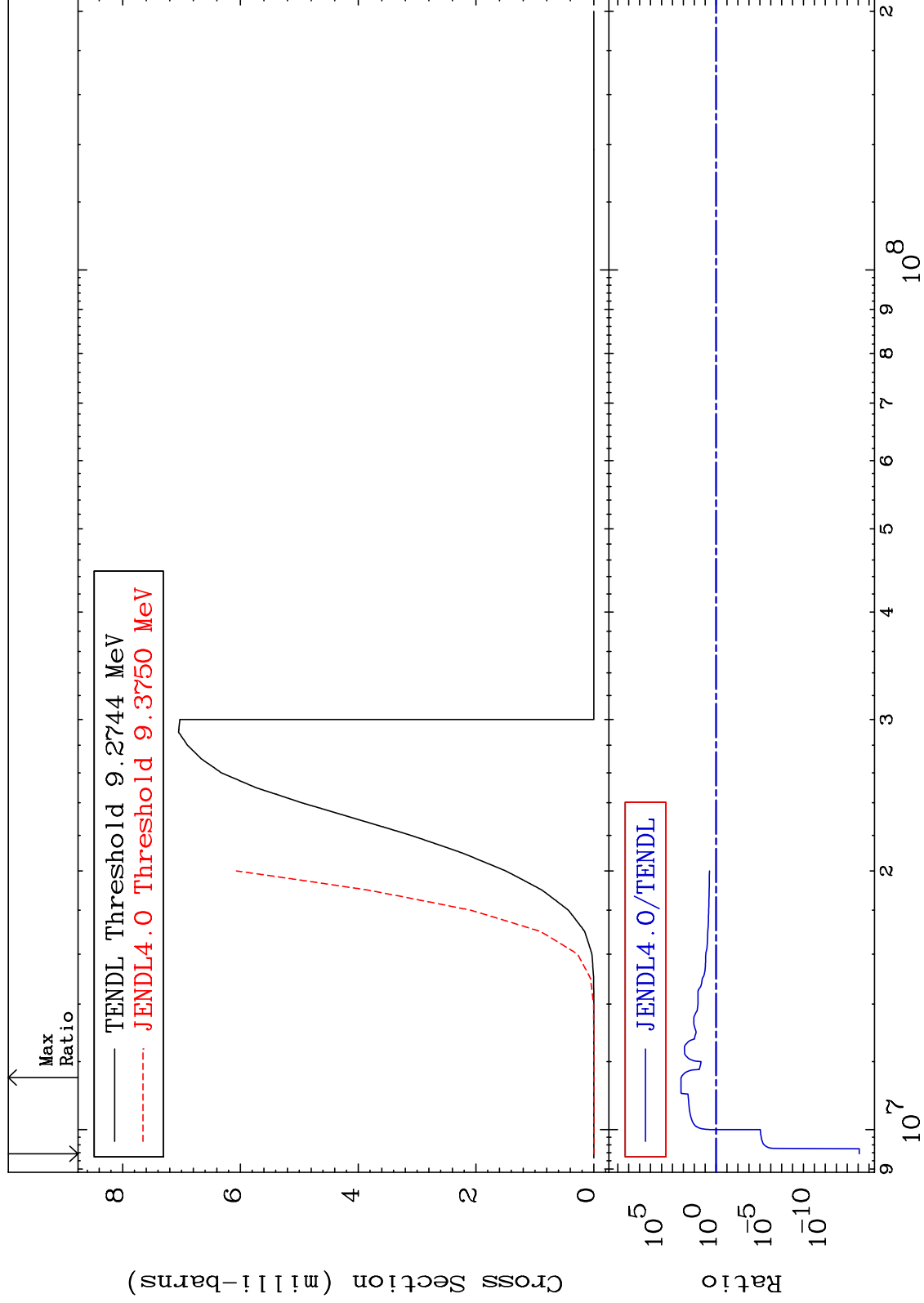
MAT 4831

(n, t)

48-Cd-108

Cross Section

-100.0 To 9999. %



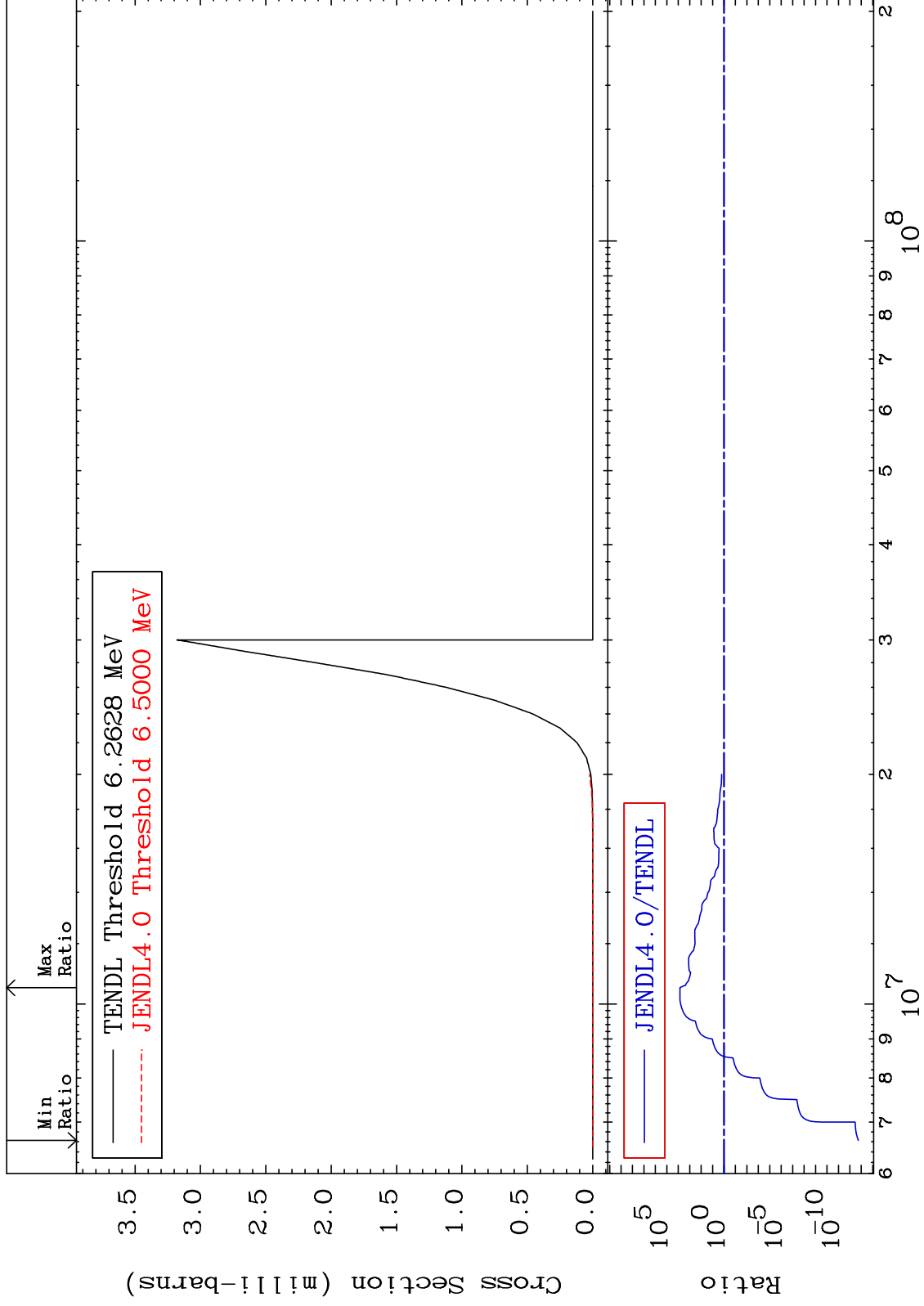
MAT 4831

(n, He-3)

48-Cd-108

Cross Section

-100.0 To 9999. %



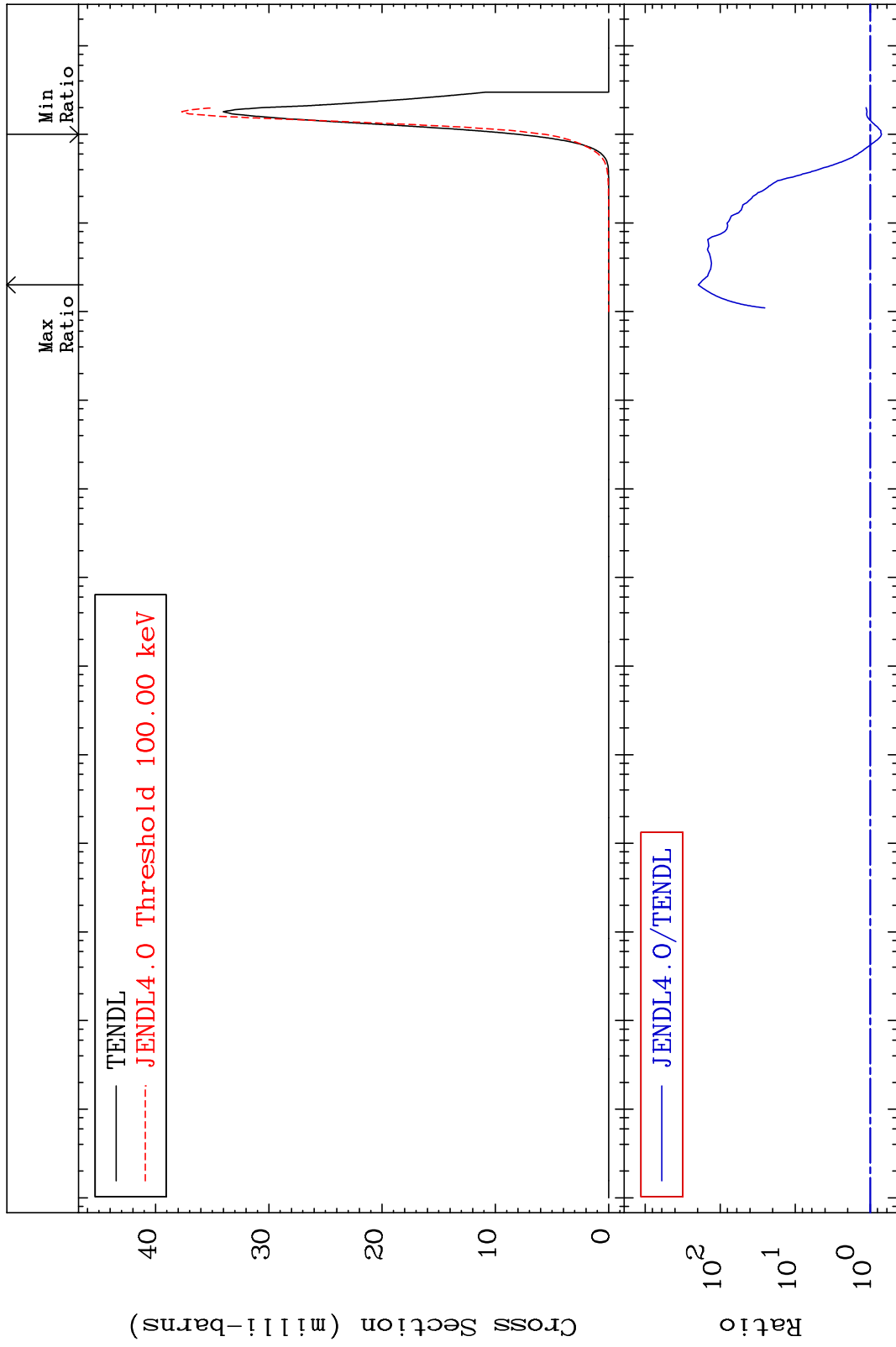
MAT 4831

(n,  $\alpha$ )

48-Cd-108

Cross Section

-29.40 To 9999. %



Incident Energy (eV)

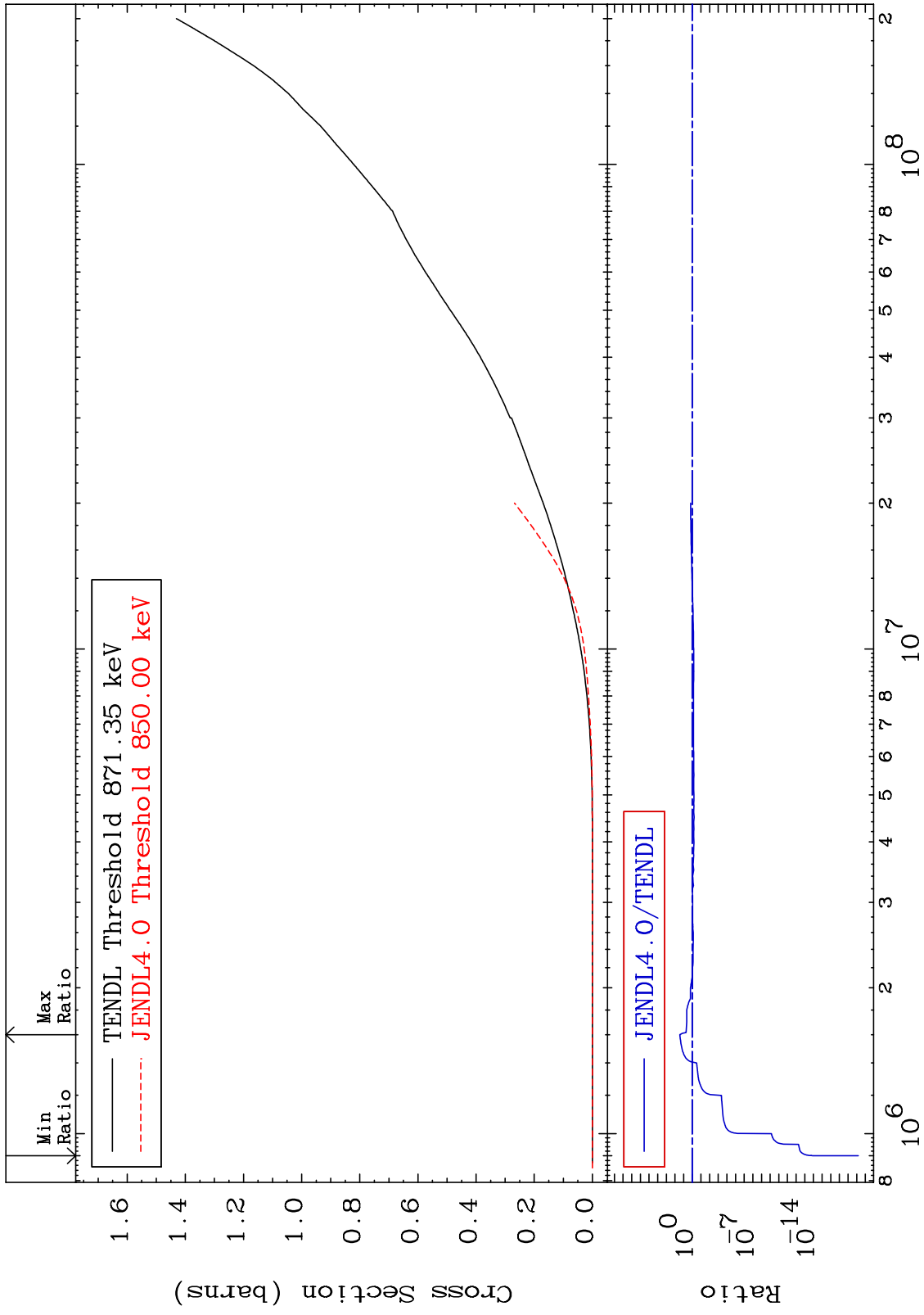
34

48-Cd-108

MAT 4831

Hydrogen Production  
Cross Section

48-Cd-108  
-100.0 To 2669. %



35

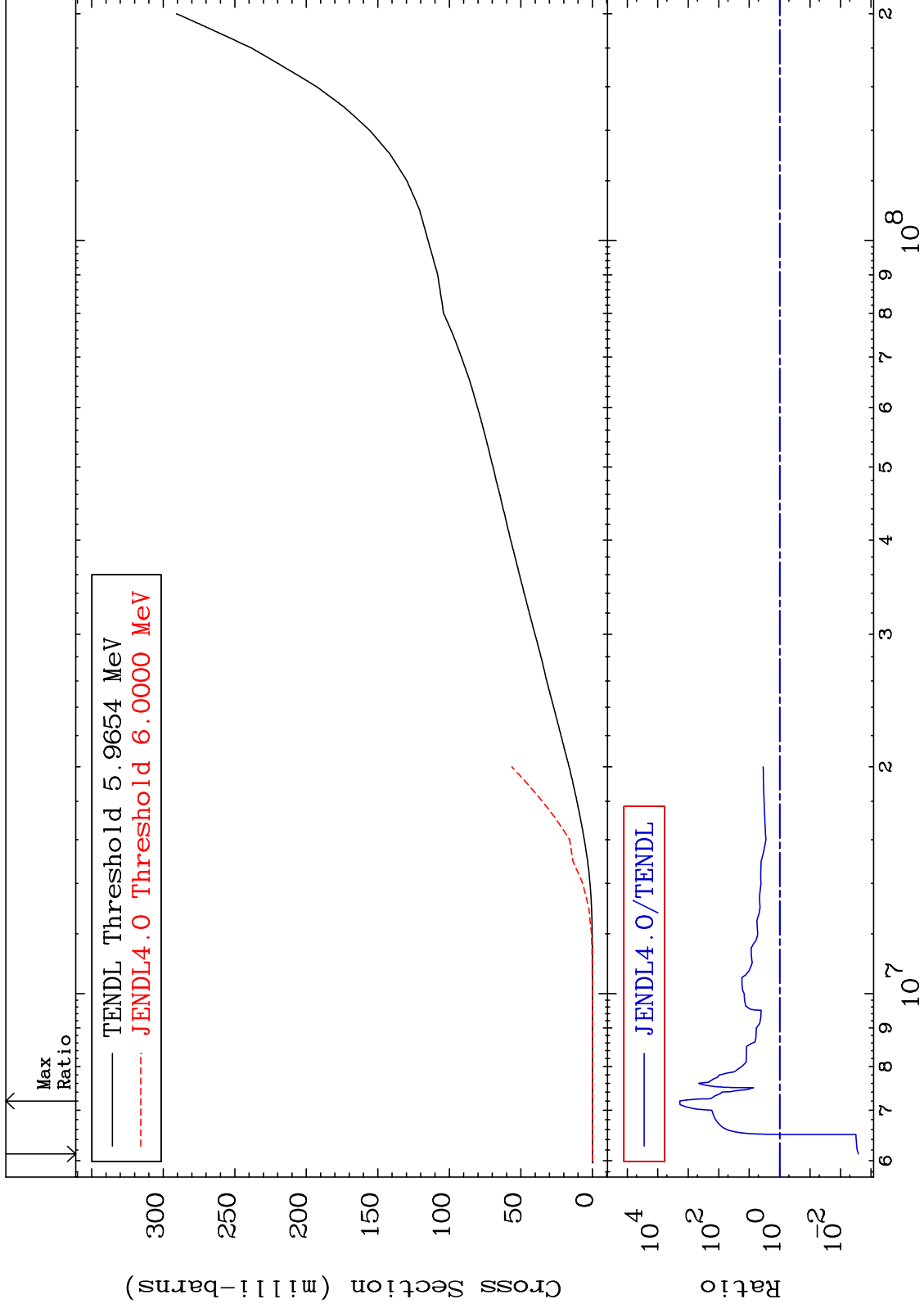
Incident Energy (eV)

48-Cd-108

MAT 4831

Deuterium Production  
Cross Section

48-Cd-108  
-99.74 To 9999. %



36

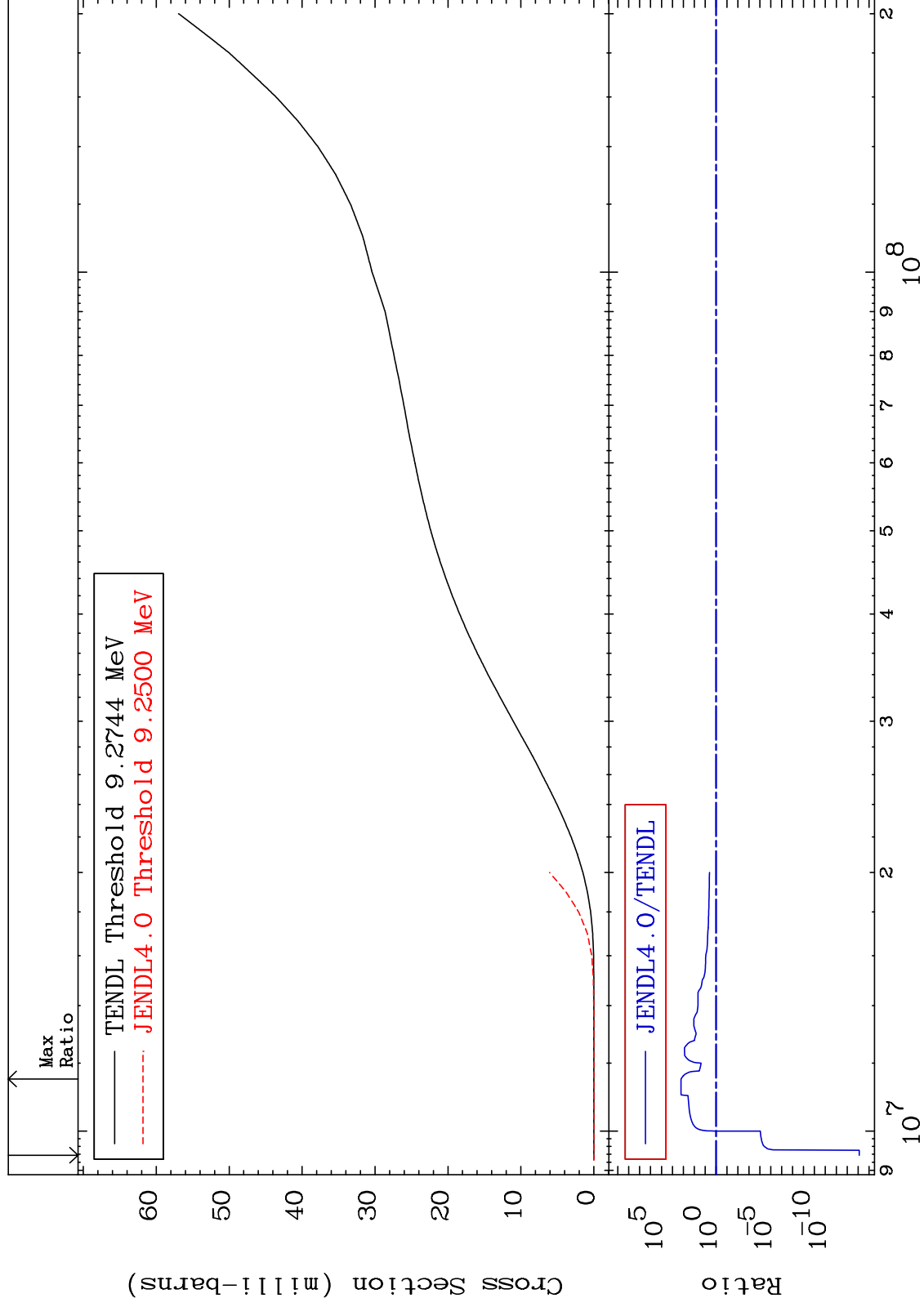
Incident Energy (eV)

48-Cd-108

MAT 4831

Tritium Production  
Cross Section

48-Cd-108  
-100.0 To 9999. %



37

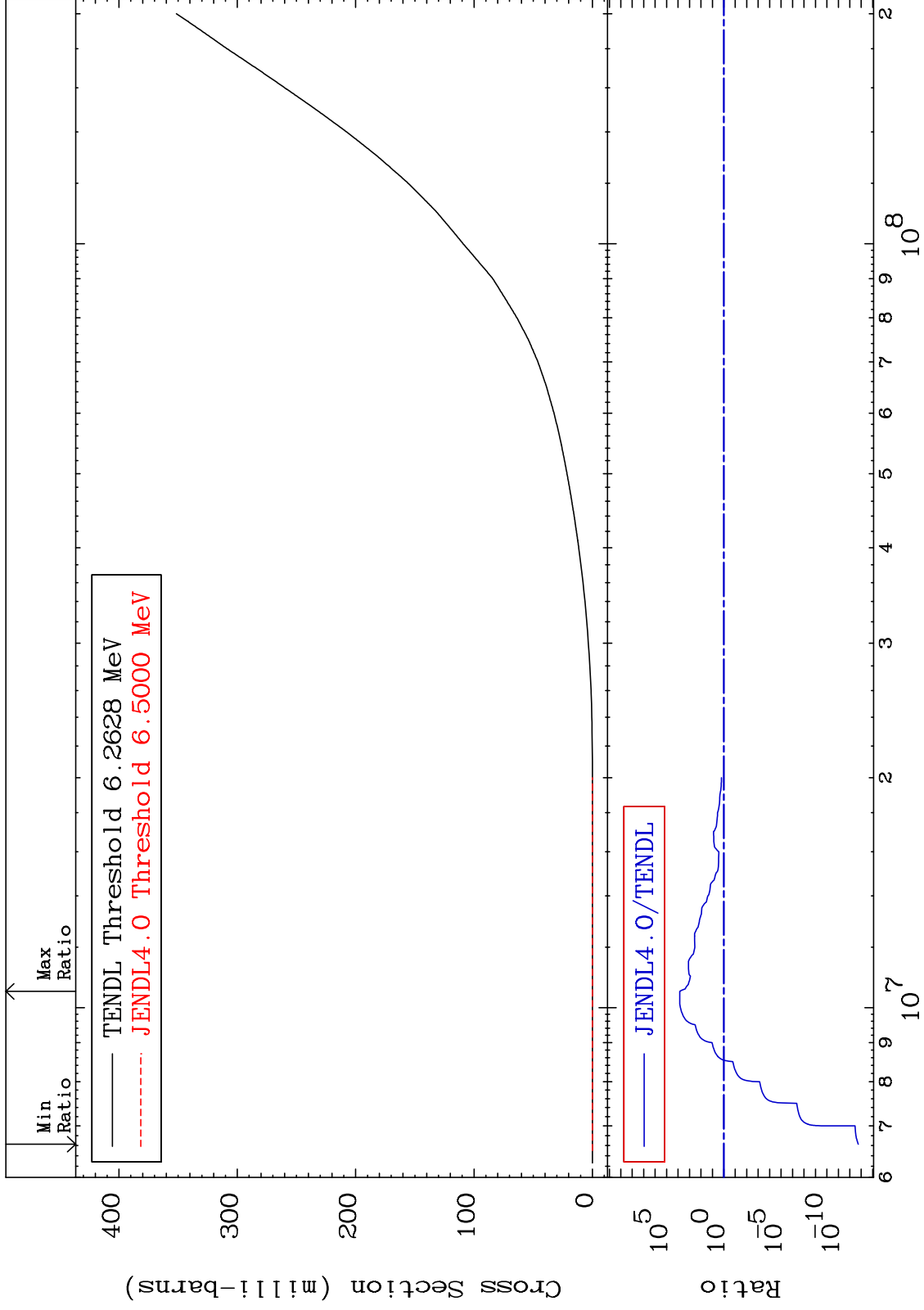
Incident Energy (eV)

48-Cd-108

MAT 4831

He-3 Production  
Cross Section

48-Cd-108  
-100.0 To 9999. %



38

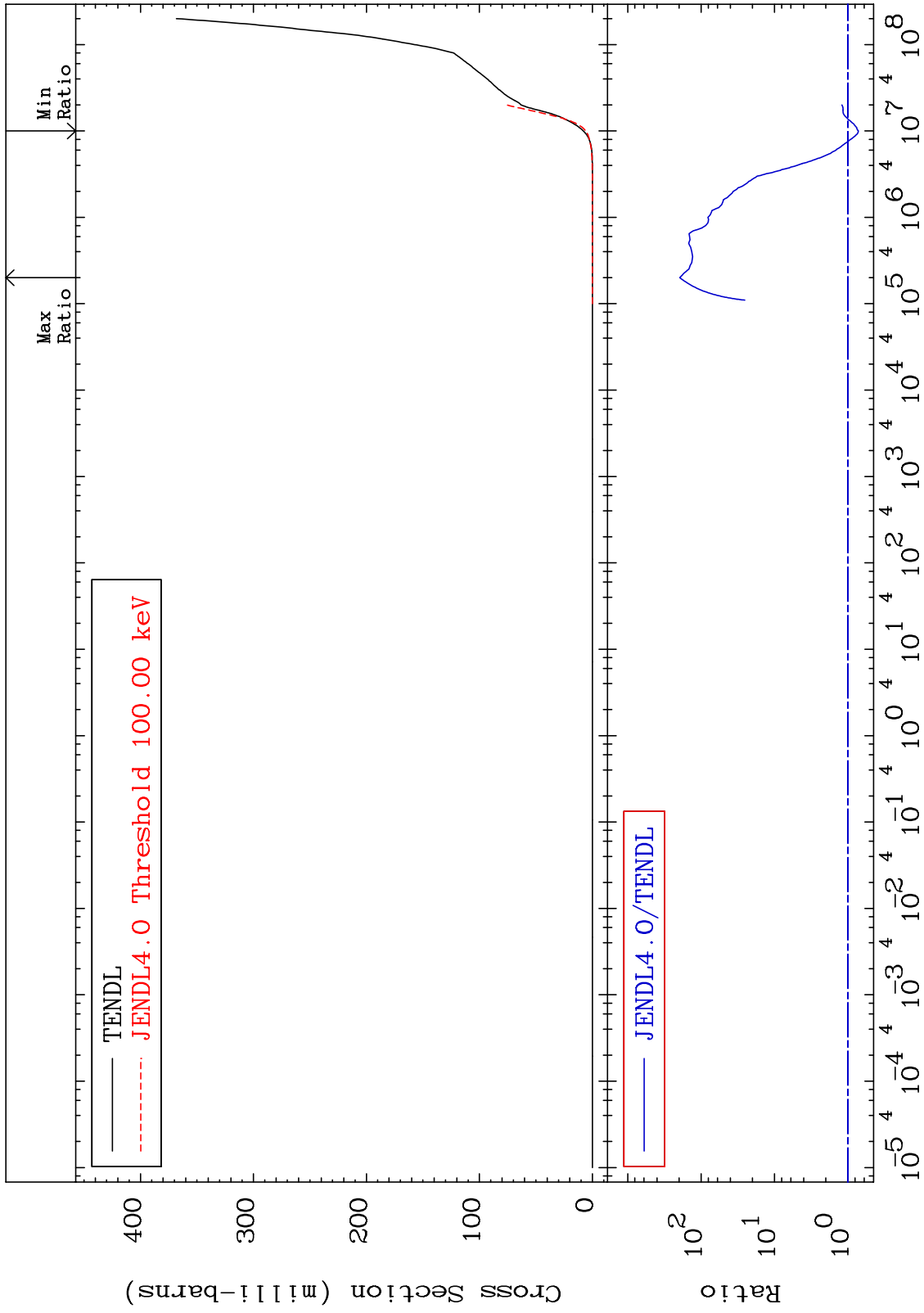
Incident Energy (eV)

48-Cd-108

MAT 4831

He-4 Production  
Cross Section

48-Cd-108  
-27.88 To 9999. %



39

Incident Energy (eV)

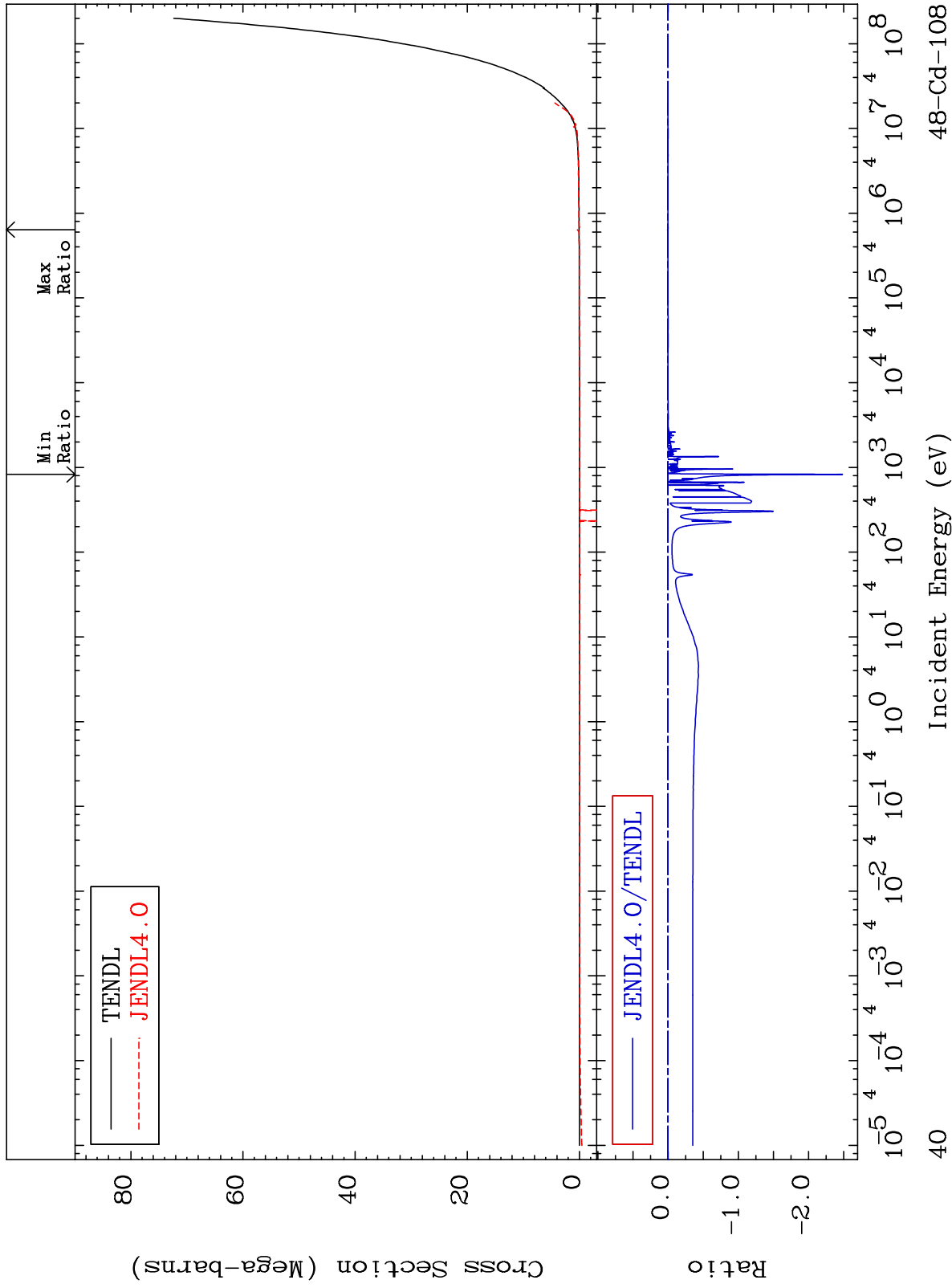
48-Cd-108



MAT 4831

Kerma total (eV-barns)  
Cross Section

48-Cd-108  
-9999. To 646.0 %



48-Cd-108

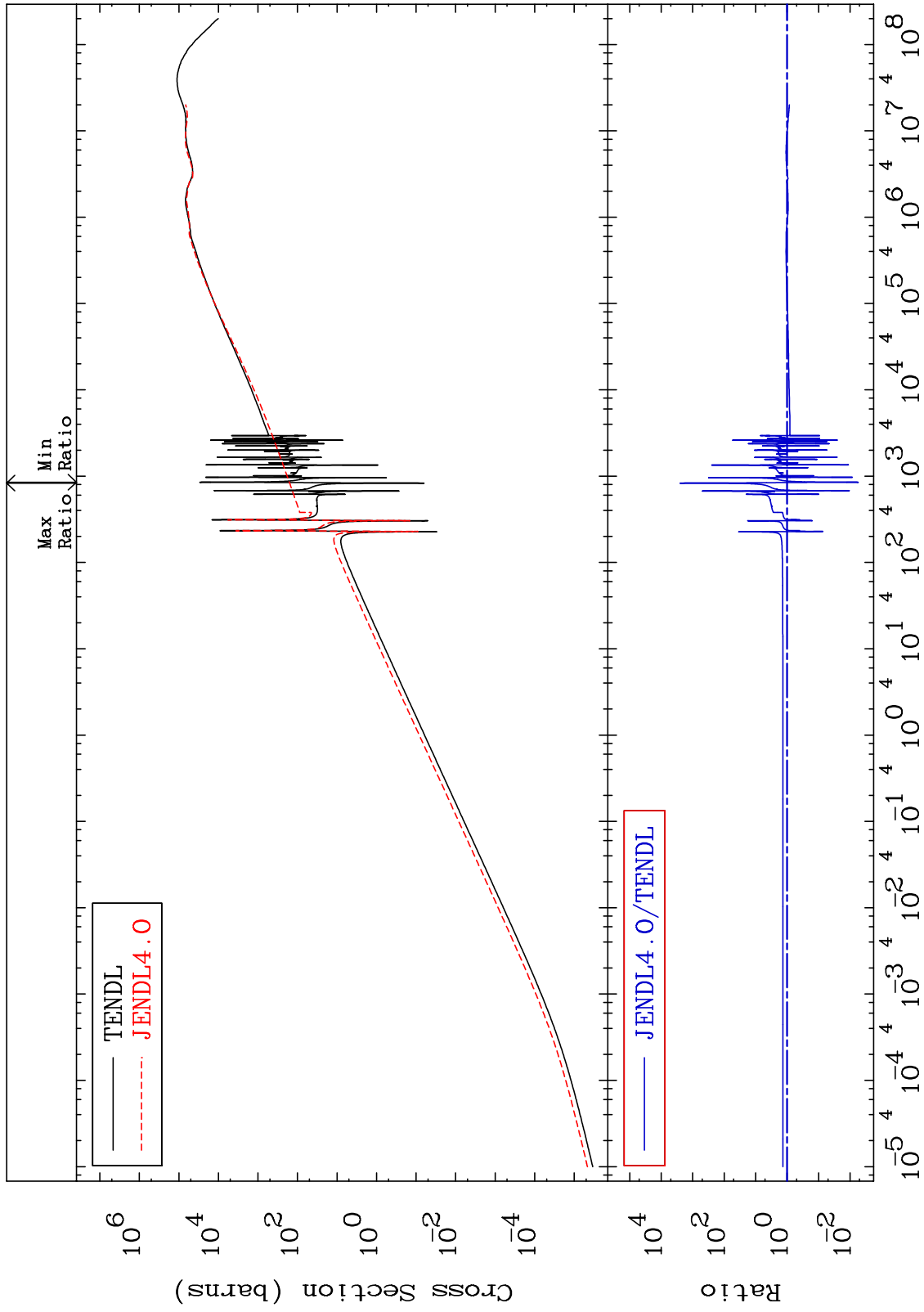
Incident Energy (eV)

40

MAT 4831

Kerma elastic  
Cross Section

48-Cd-108  
-99.46 To 9999. %



41

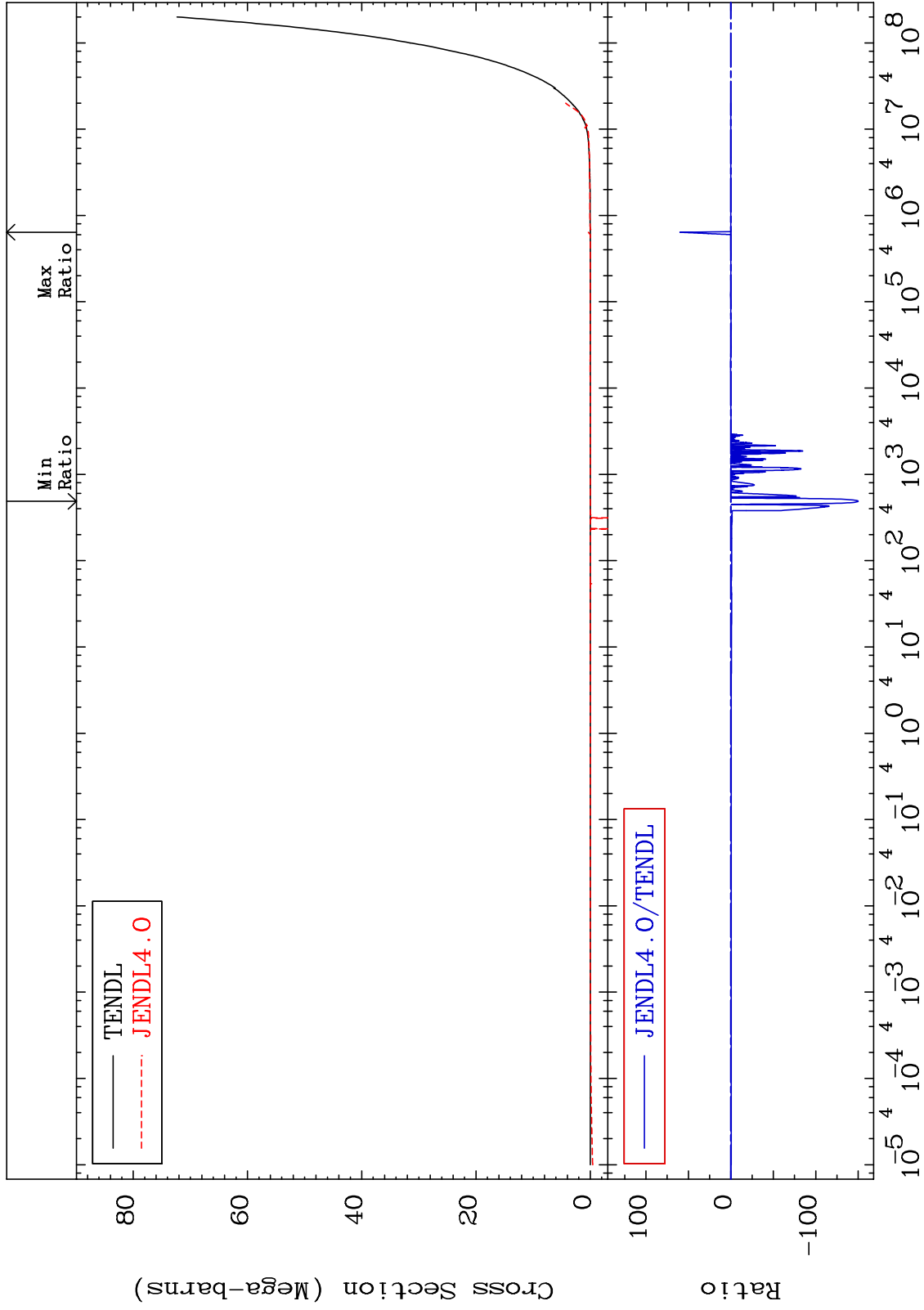
Incident Energy (eV)

48-Cd-108

MAT 4831

Kerma non-elastic (all but mt2)  
Cross Section

48-Cd-108  
-9999. To 9999. %



42

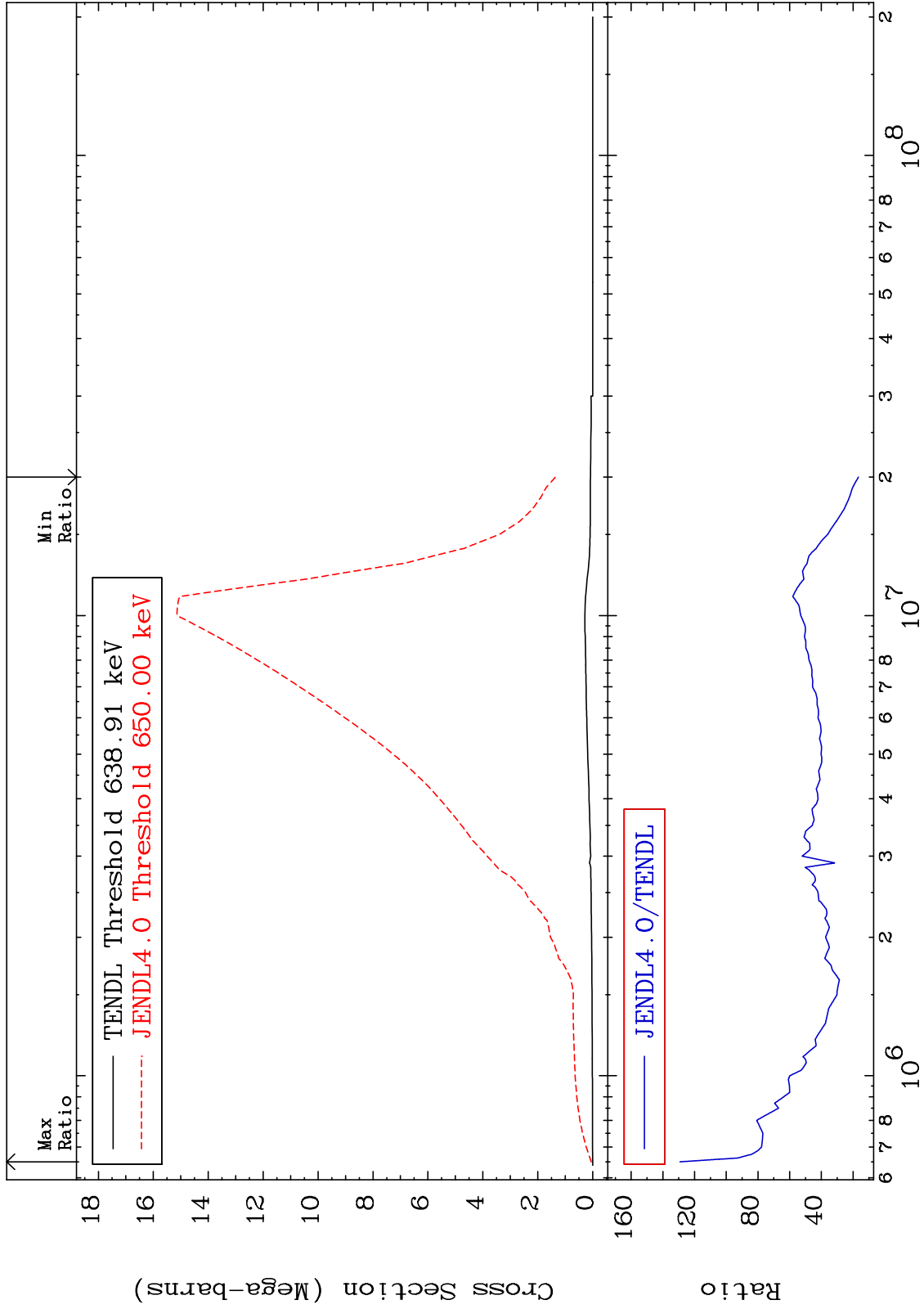
Incident Energy (eV)

48-Cd-108

MAT 4831

Kerma inelastic (mt51-91)  
Cross Section

48-Cd-108  
1561. To 9999. %



43

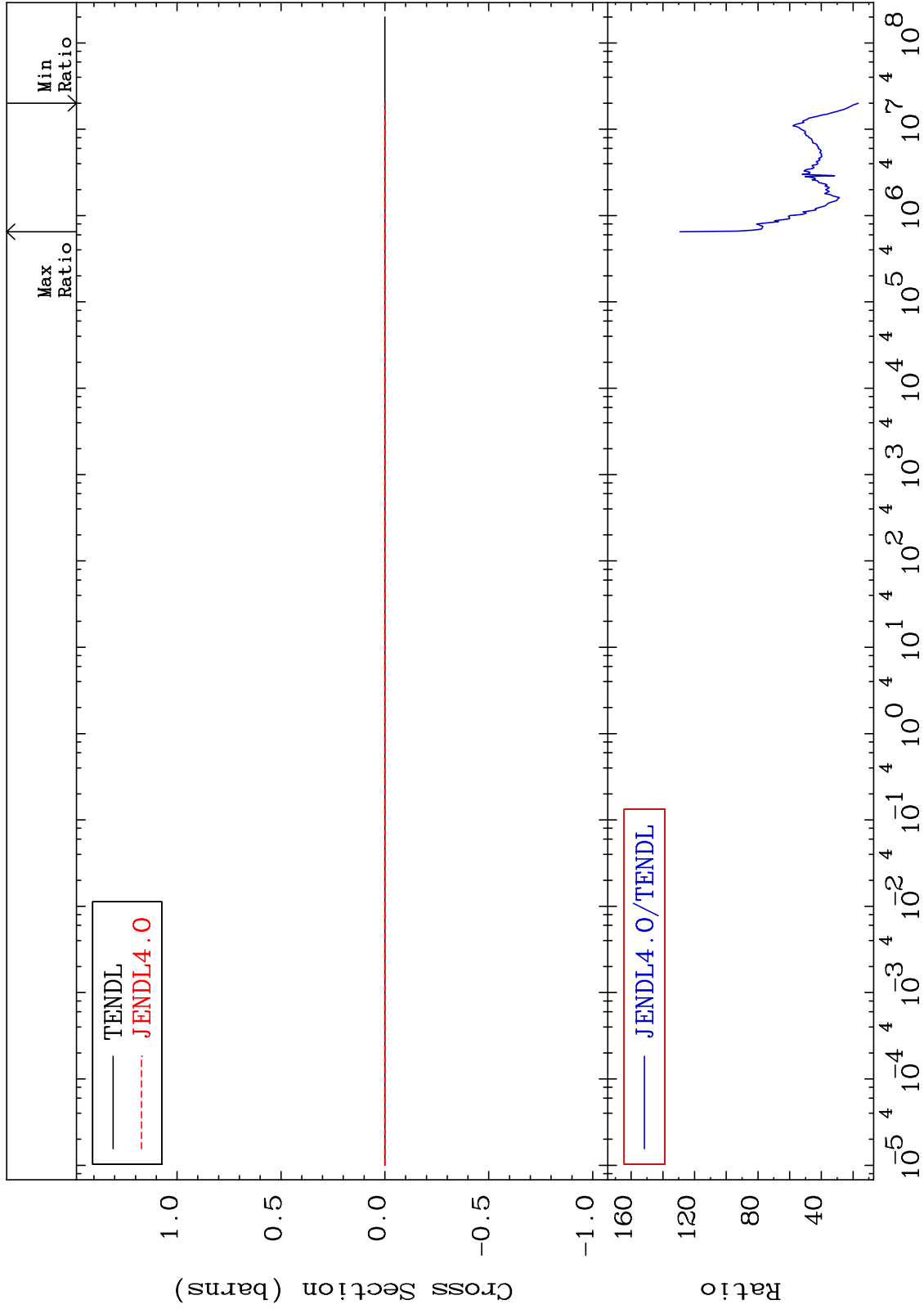
Incident Energy (eV)

48-Cd-108

MAT 4831

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

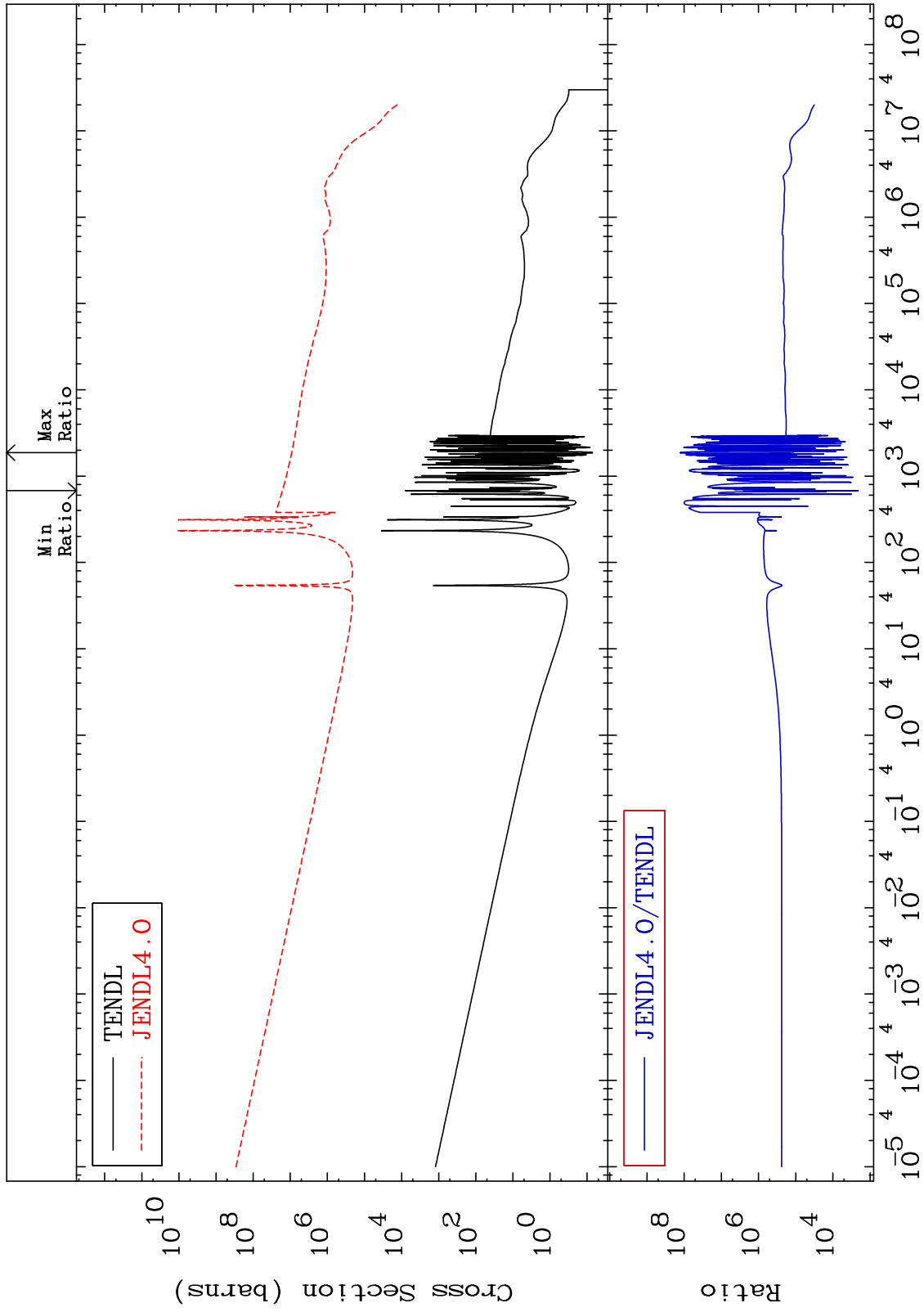
48-Cd-108  
1561. To 9999. %



MAT 4831

Kerma capture (mt102)  
Cross Section

48-Cd-108  
9999. To 9999. %



45

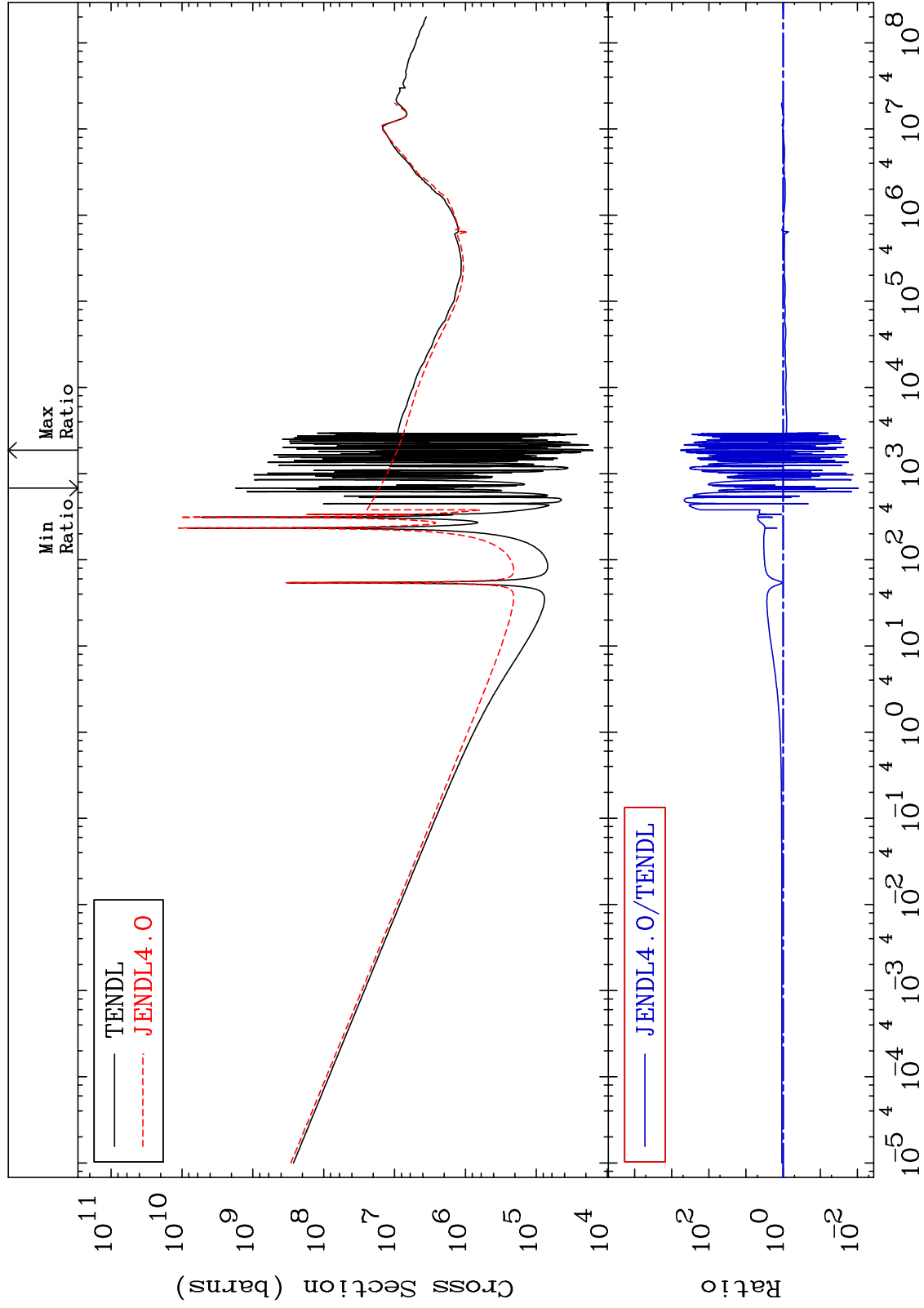
Incident Energy (eV)

48-Cd-108

MAT 4831

Total photon (eV-barns)  
Cross Section

48-Cd-108  
-99.06 To 9999. %



46

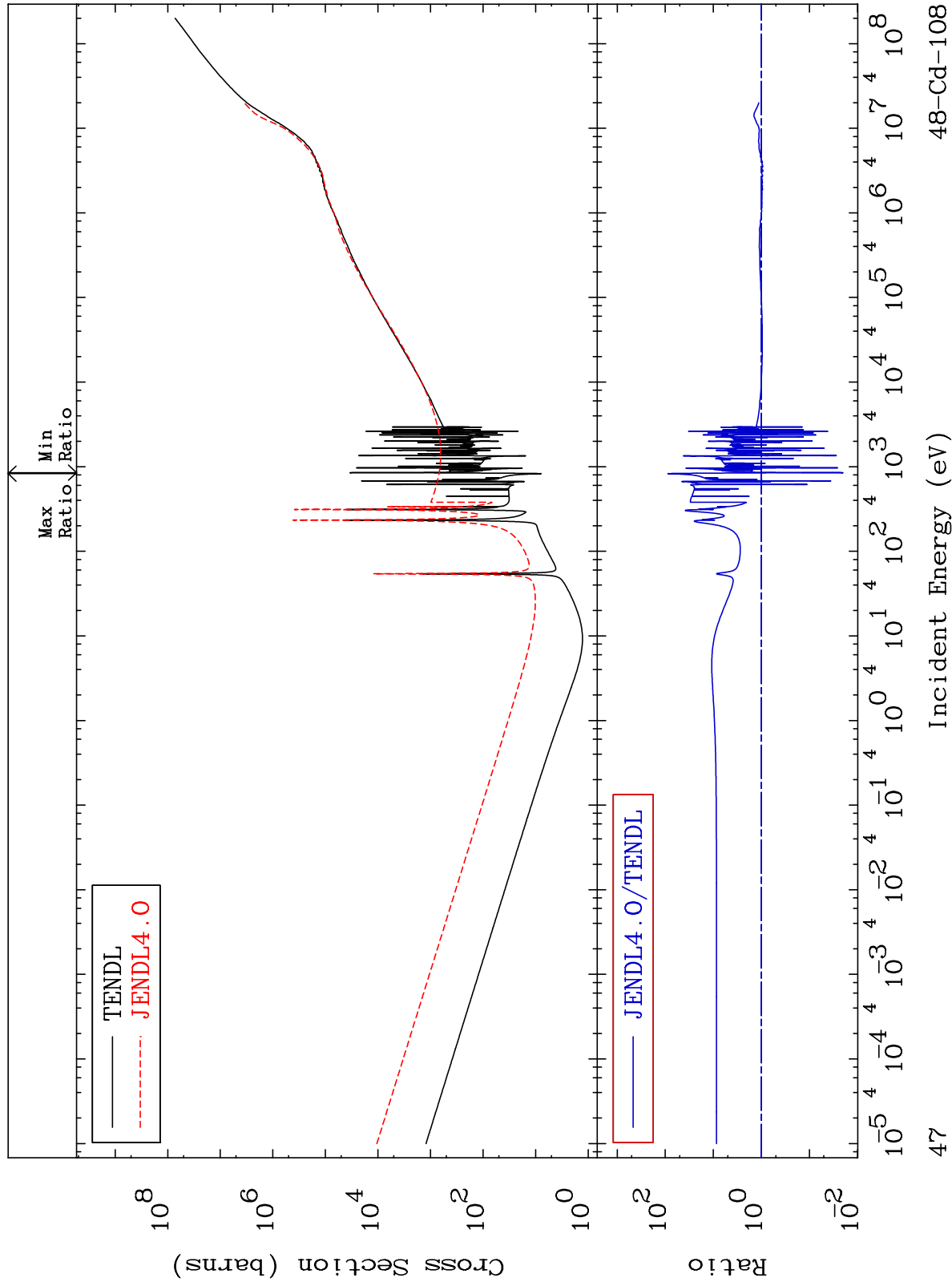
Incident Energy (eV)

48-Cd-108

MAT 4831

Total kinematic kerma (high limit)  
Cross Section

48-Cd-108  
-97.99 To 8658. %



47

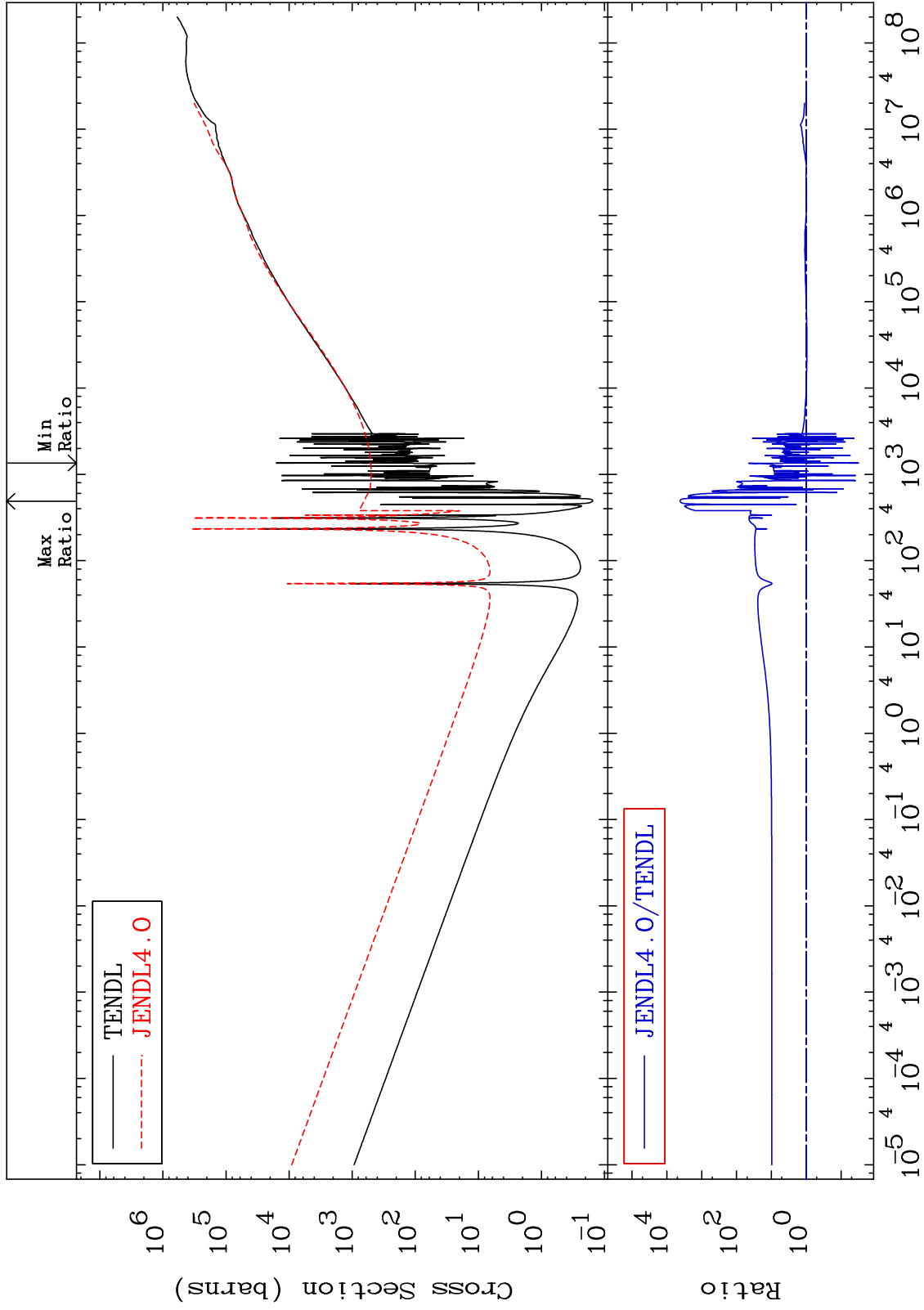
48-Cd-108



MAT 4831

Dpa total (eV-barns)  
Cross Section

48-Cd-108  
-96.81 To 9999. %



48

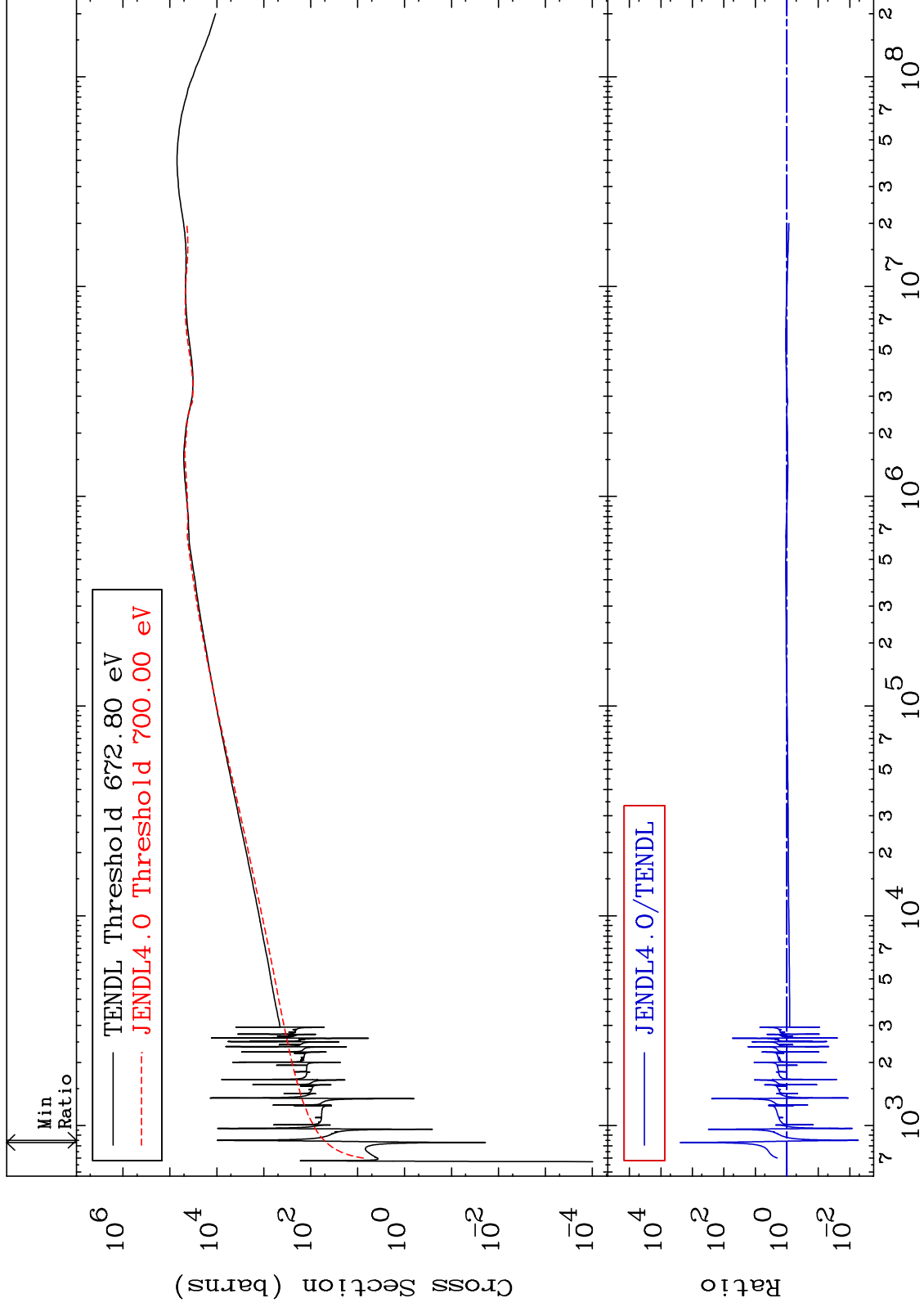
Incident Energy (eV)

48-Cd-108

MAT 4831

Dpa elastic (mt2)  
Cross Section

48-Cd-108  
-99.47 To 9999. %



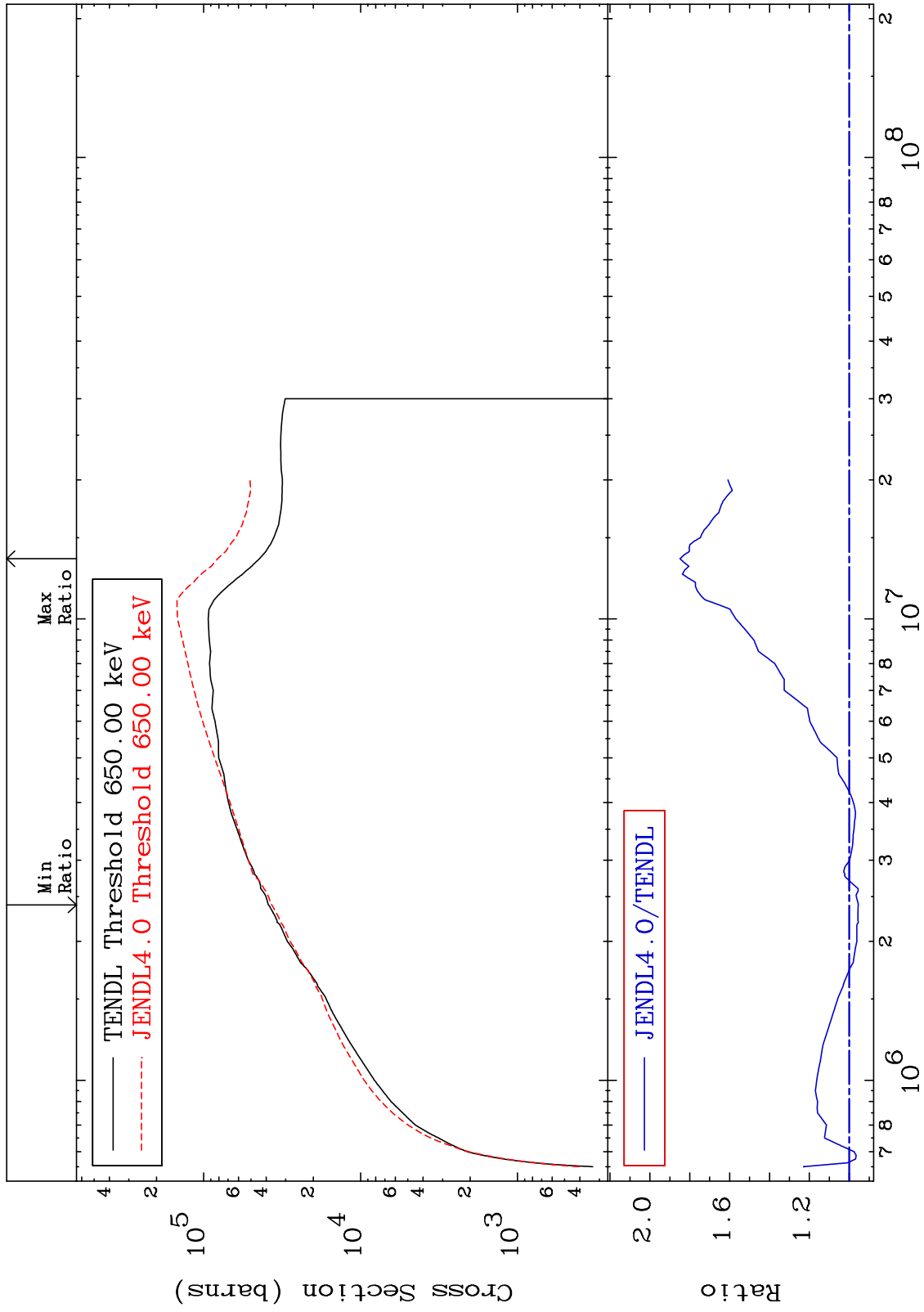
49

48-Cd-108

MAT 4831

Dpa inelastic (mt51-91)  
Cross Section

48-Cd-108  
-4.598 To 84.89 %



50

Incident Energy (eV)

48-Cd-108

MAT 4831

Dpa disappearance (mt102 -120)  
Cross Section

48-Cd-108  
-91.39 To 9999. %

