

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

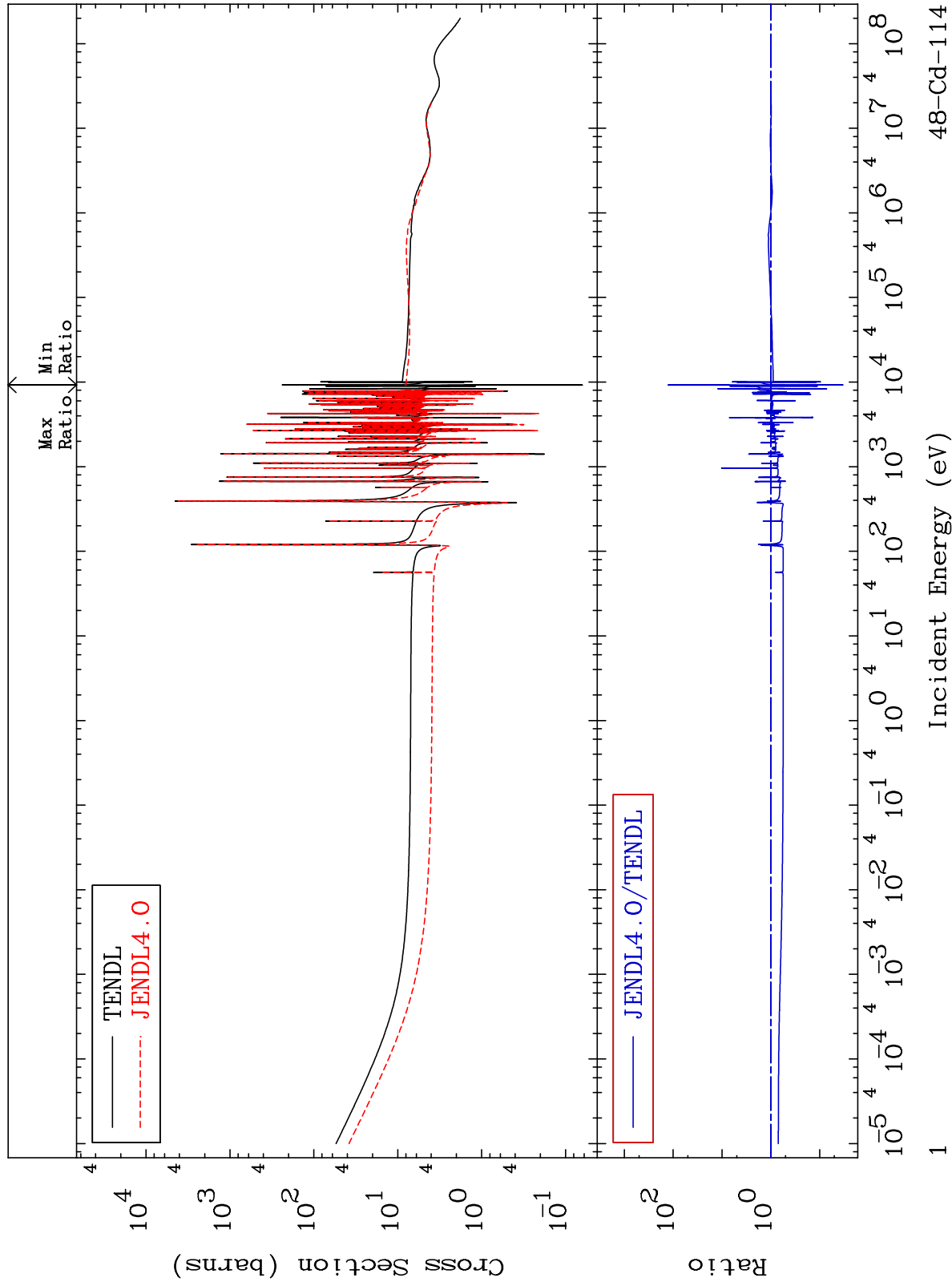
MAT 4849

Total

48-Cd-114

Cross Section

-96.65 To 9999. %



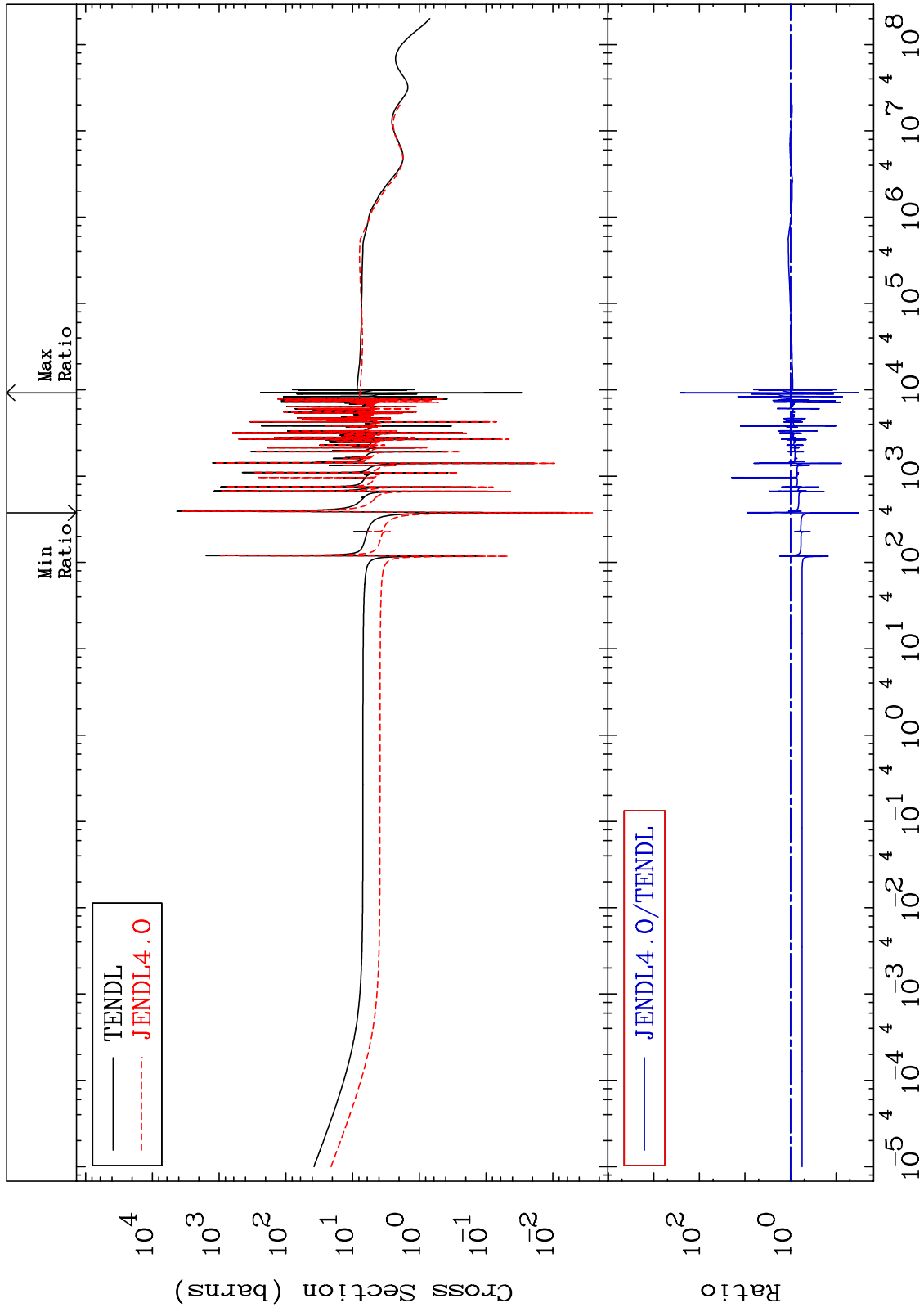
Incident Energy (eV)

48-Cd-114

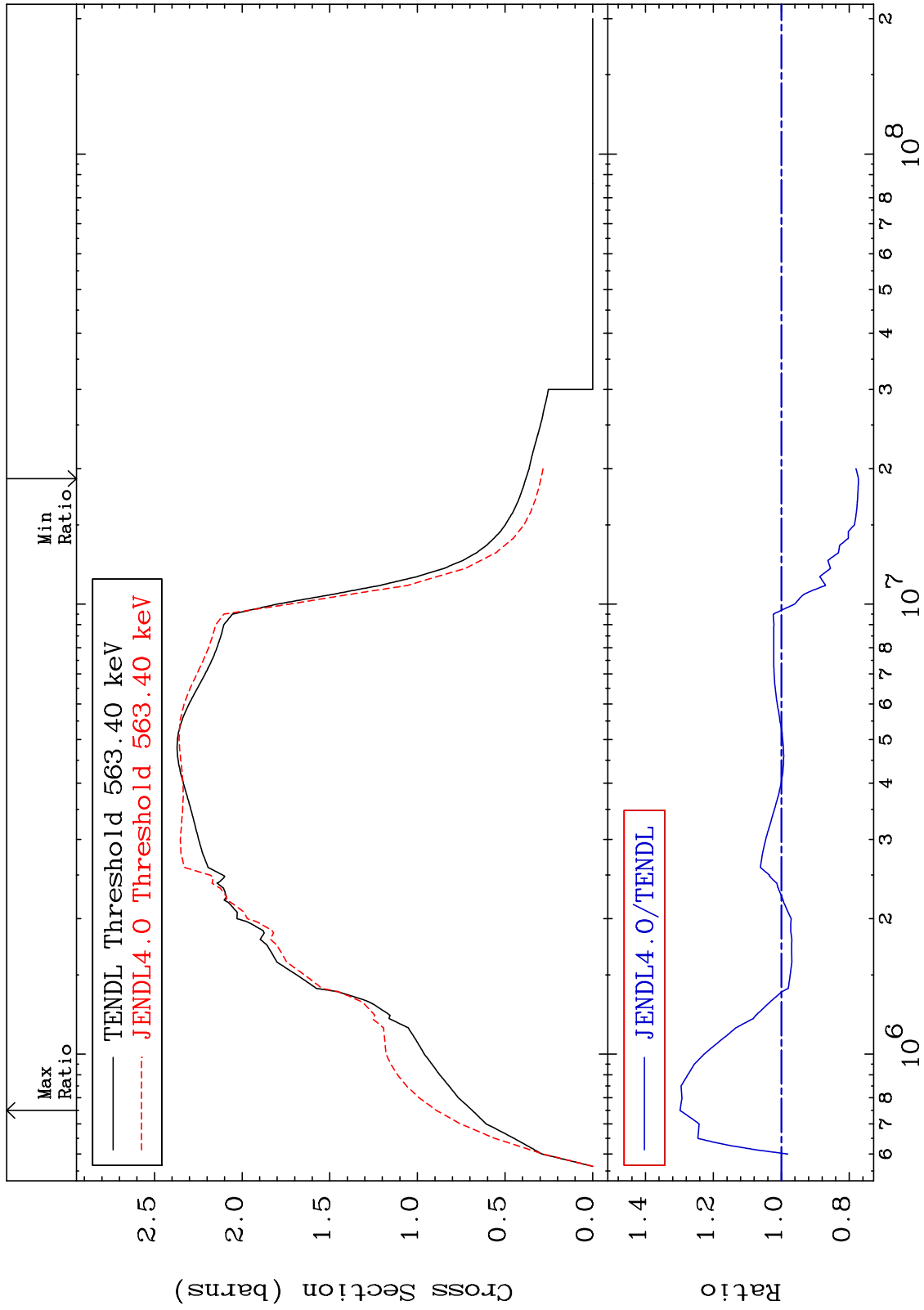
MAT 4849

Elastic
Cross Section

48-Cd-114
-96.77 To 9999. %



MAT 4849 Inelastic Cross Section 48-Cd-114 -22.68 To 29.84 %



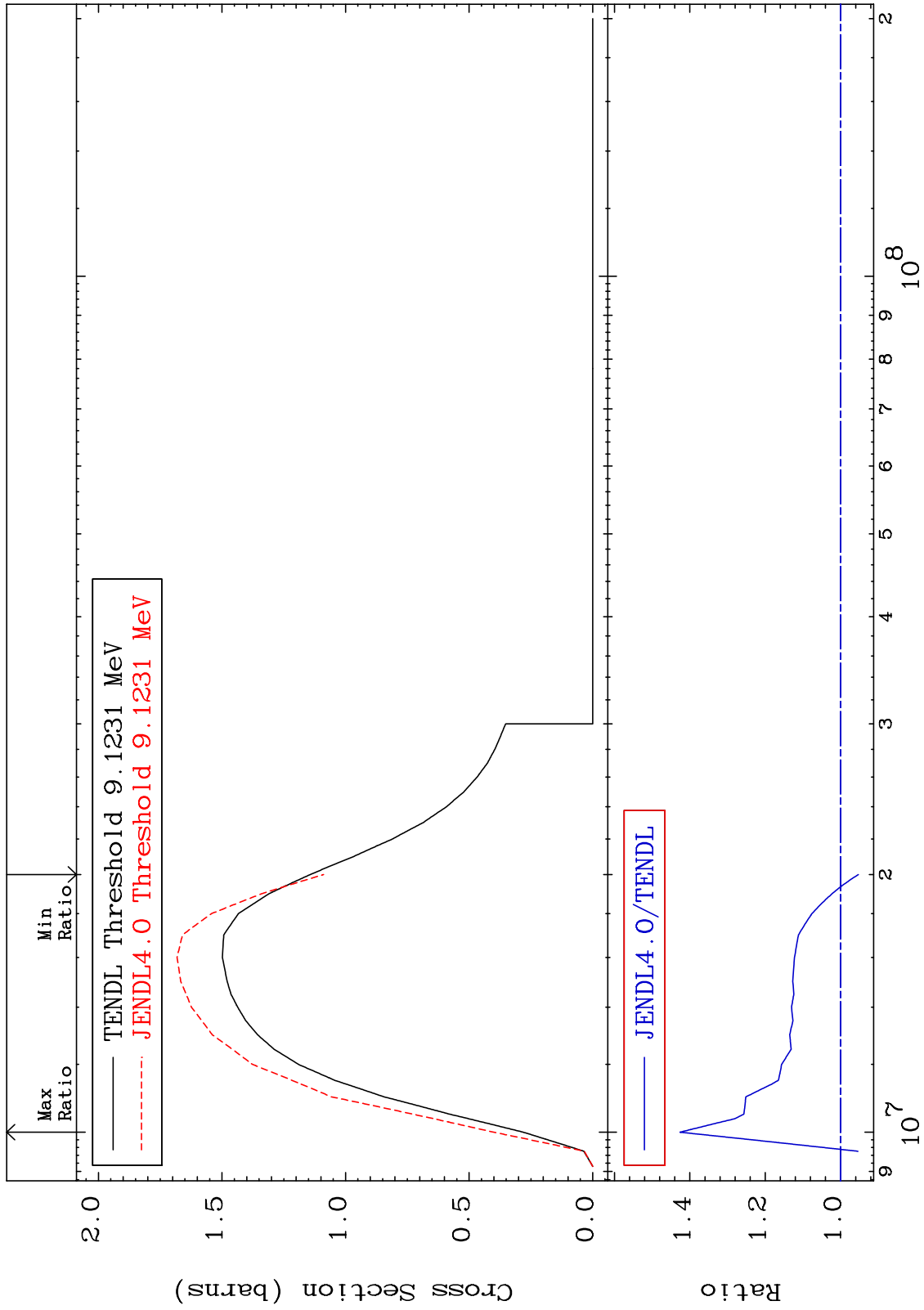
MAT 4849

(n,2n)

48-Cd-114

Cross Section

-4.733 To 42.61 %



48-Cd-114

Incident Energy (eV)

4

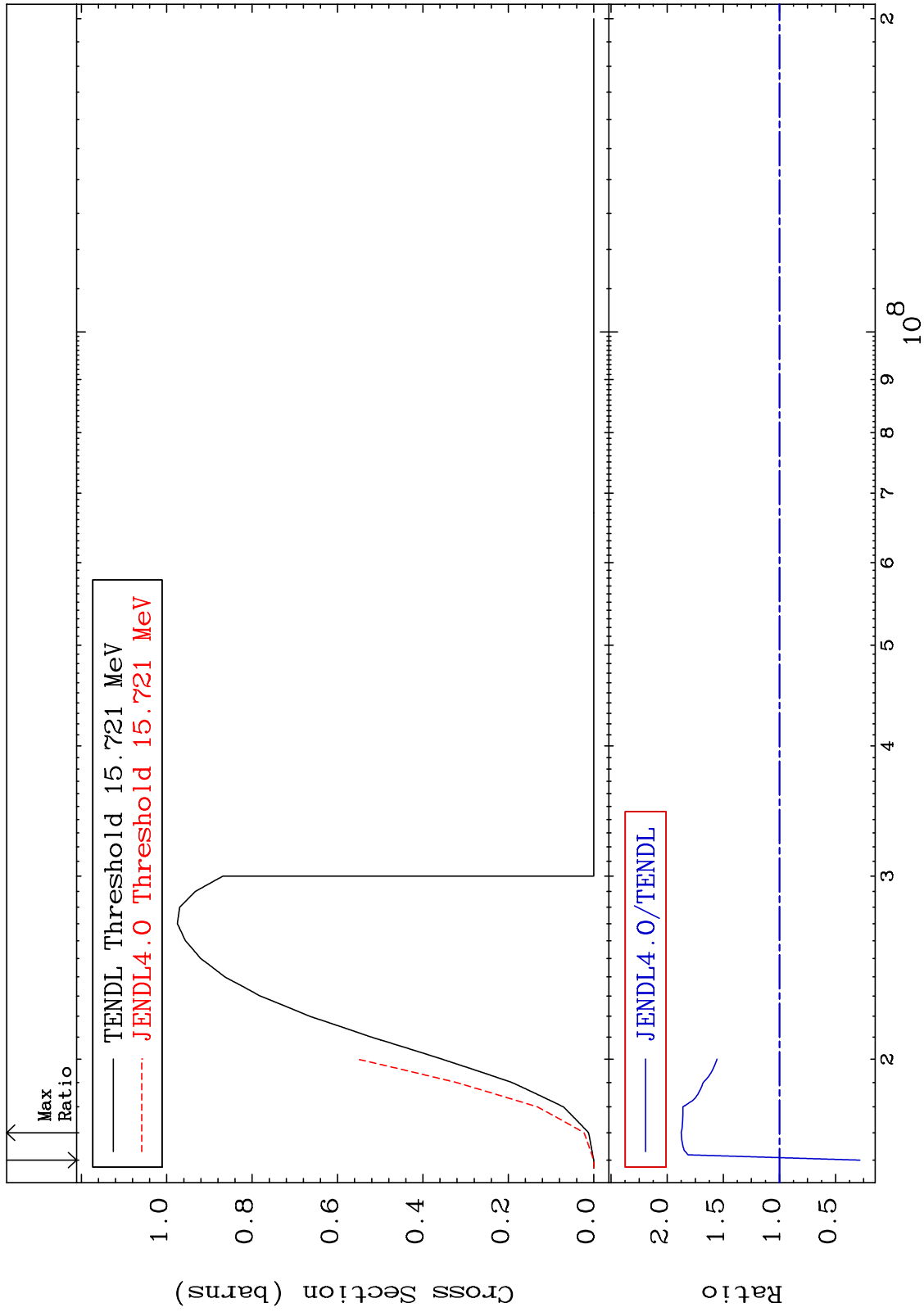
MAT 4849

(n,3n)

48-Cd-114

Cross Section

-71.70 To 87.51 %



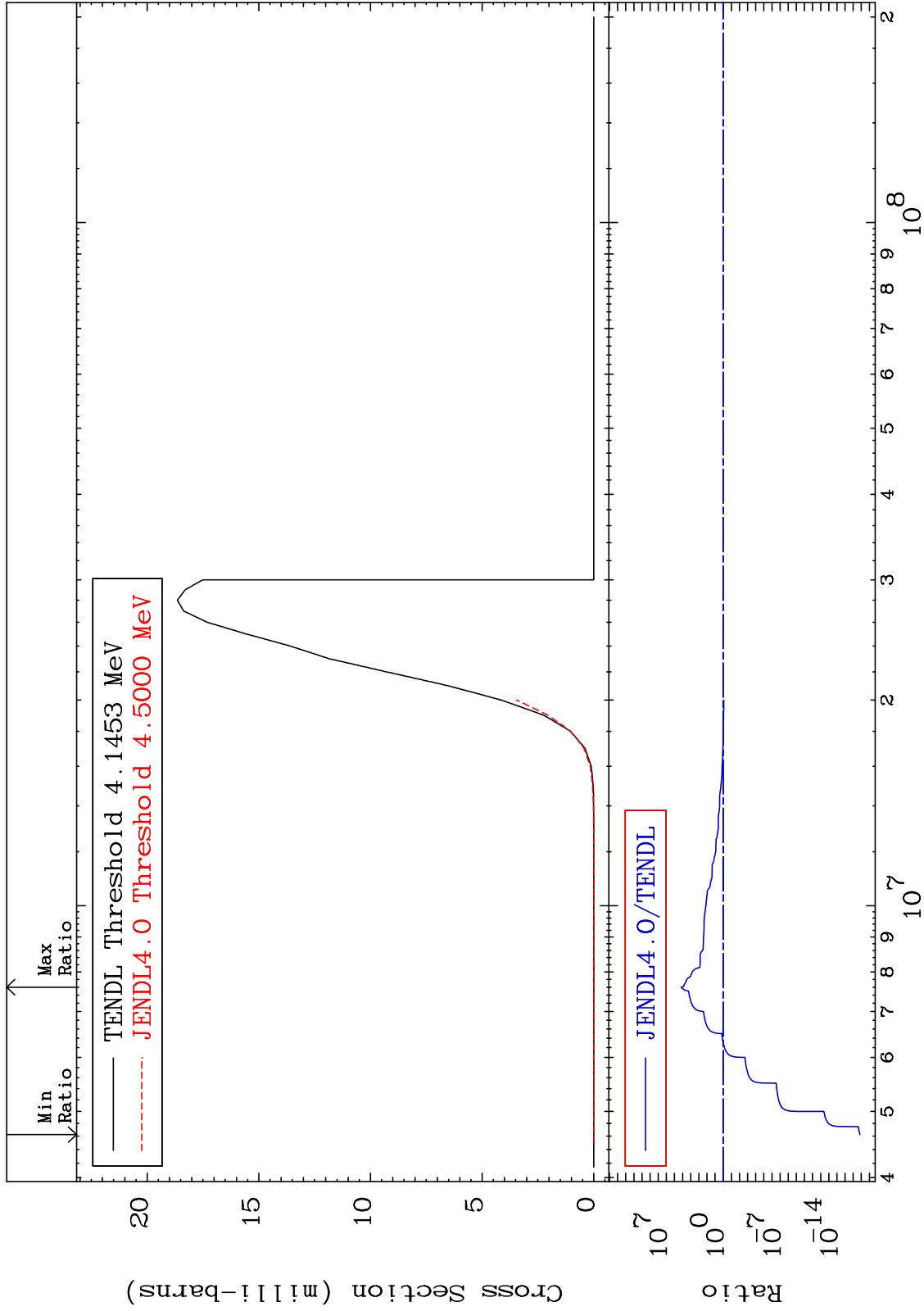
MAT 4849

(n,n') α

48-Cd-114

-100.0 To 9999. %

Cross Section



6

Incident Energy (eV)

48-Cd-114

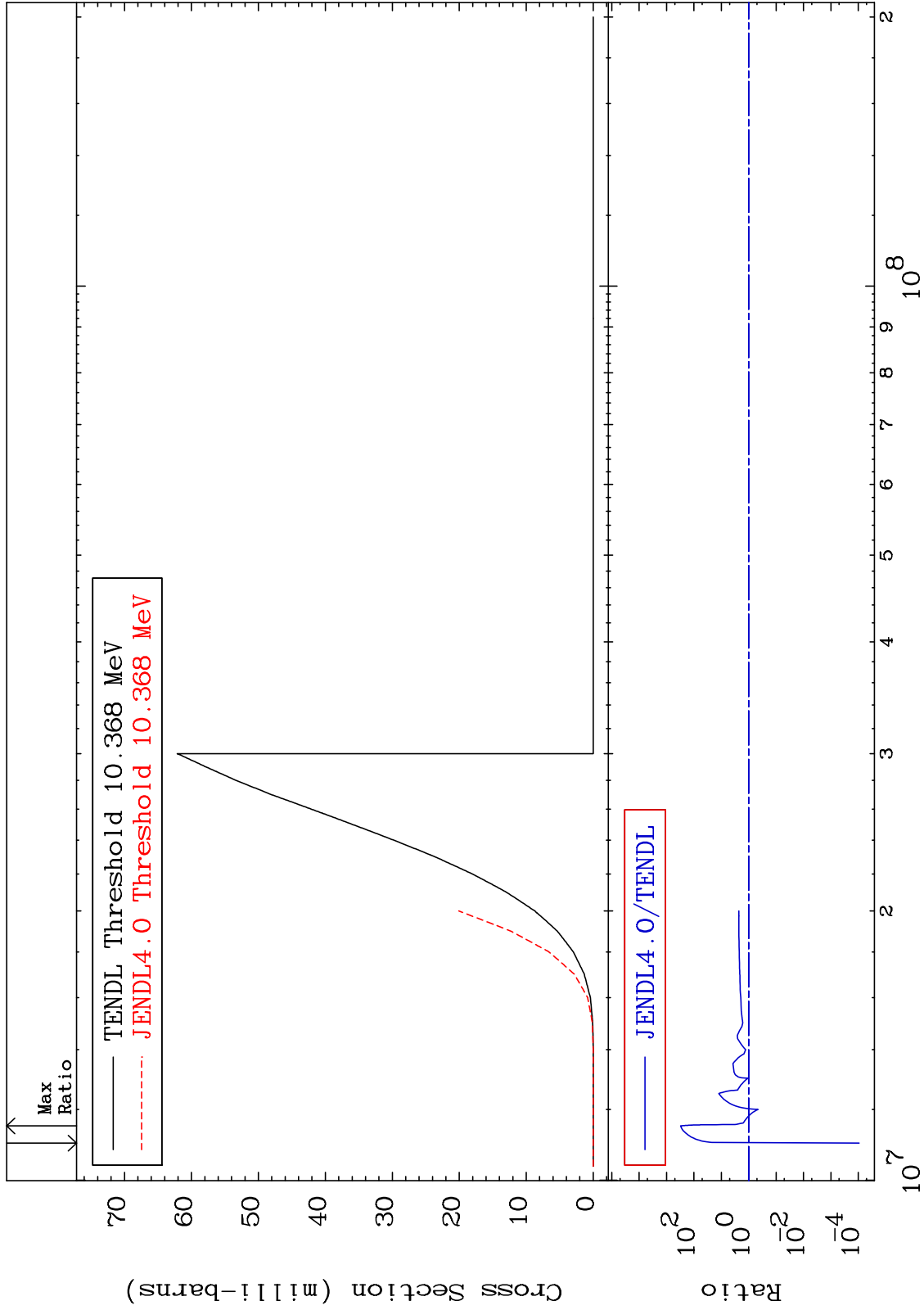
MAT 4849

(n,n') p

48-Cd-114

Cross Section

-99.99 To 9999. %



Incident Energy (eV)

48-Cd-114

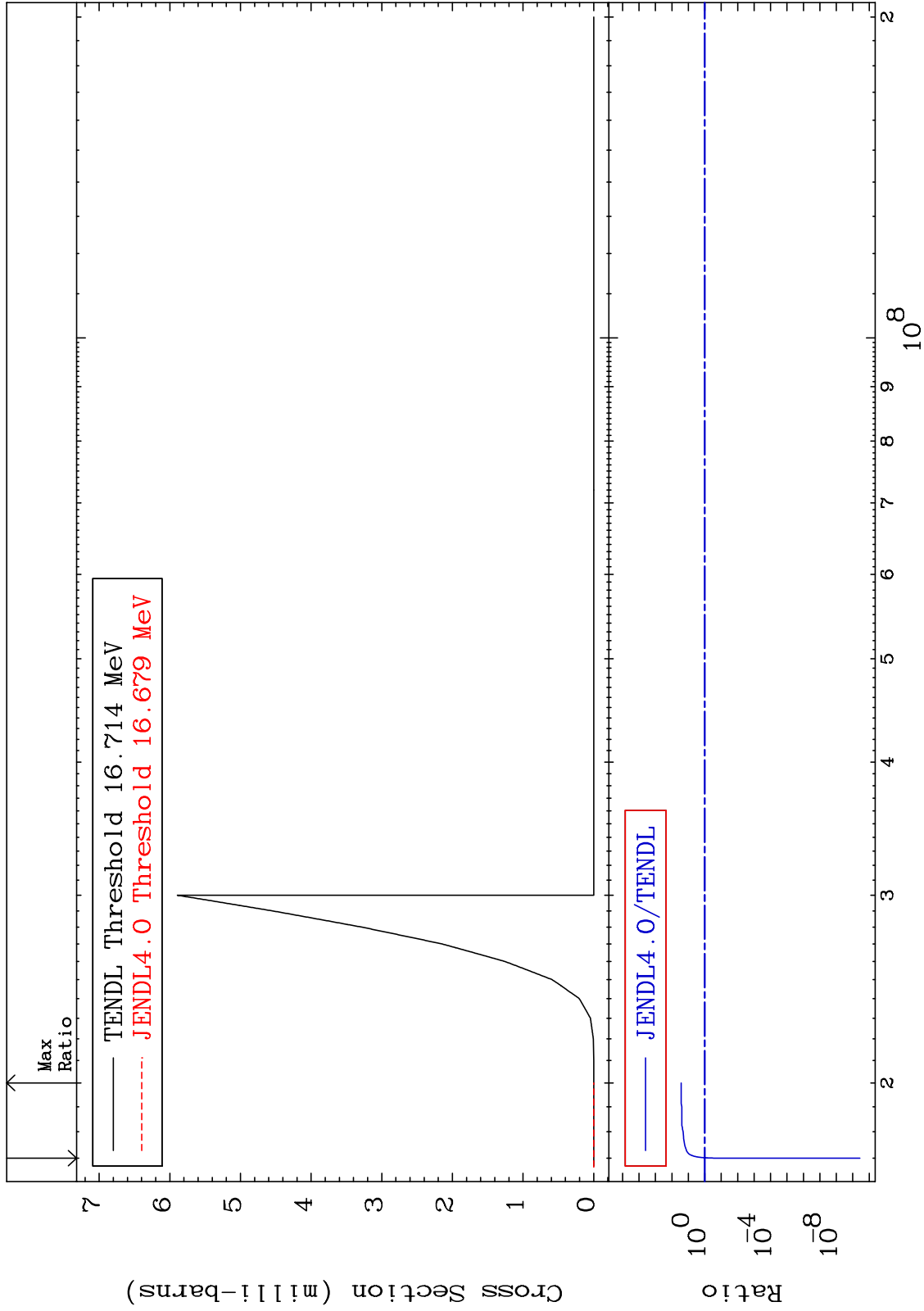
MAT 4849

(n,n') d

48-Cd-114

Cross Section

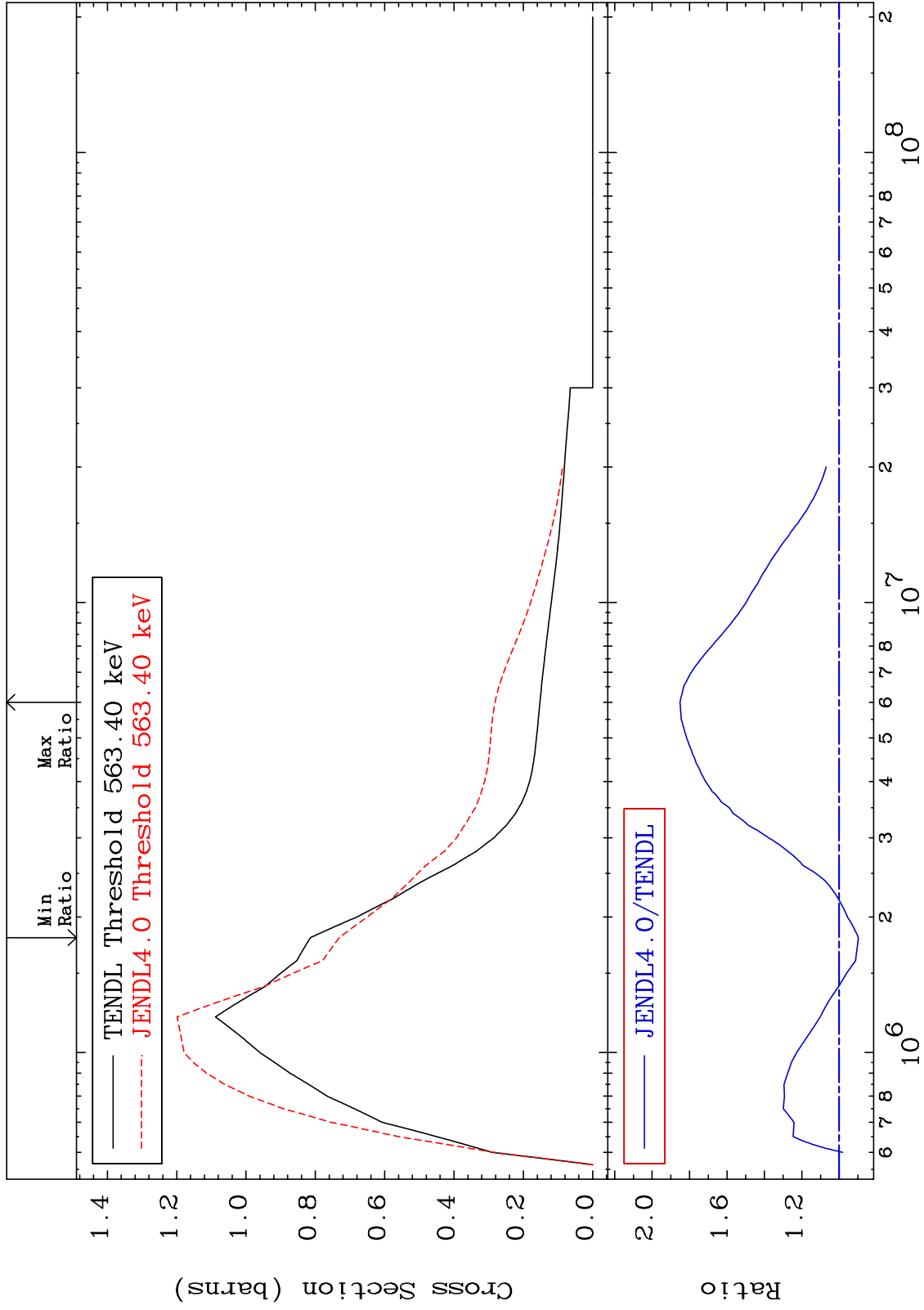
-100.0 To 2605. %



MAT 4849

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

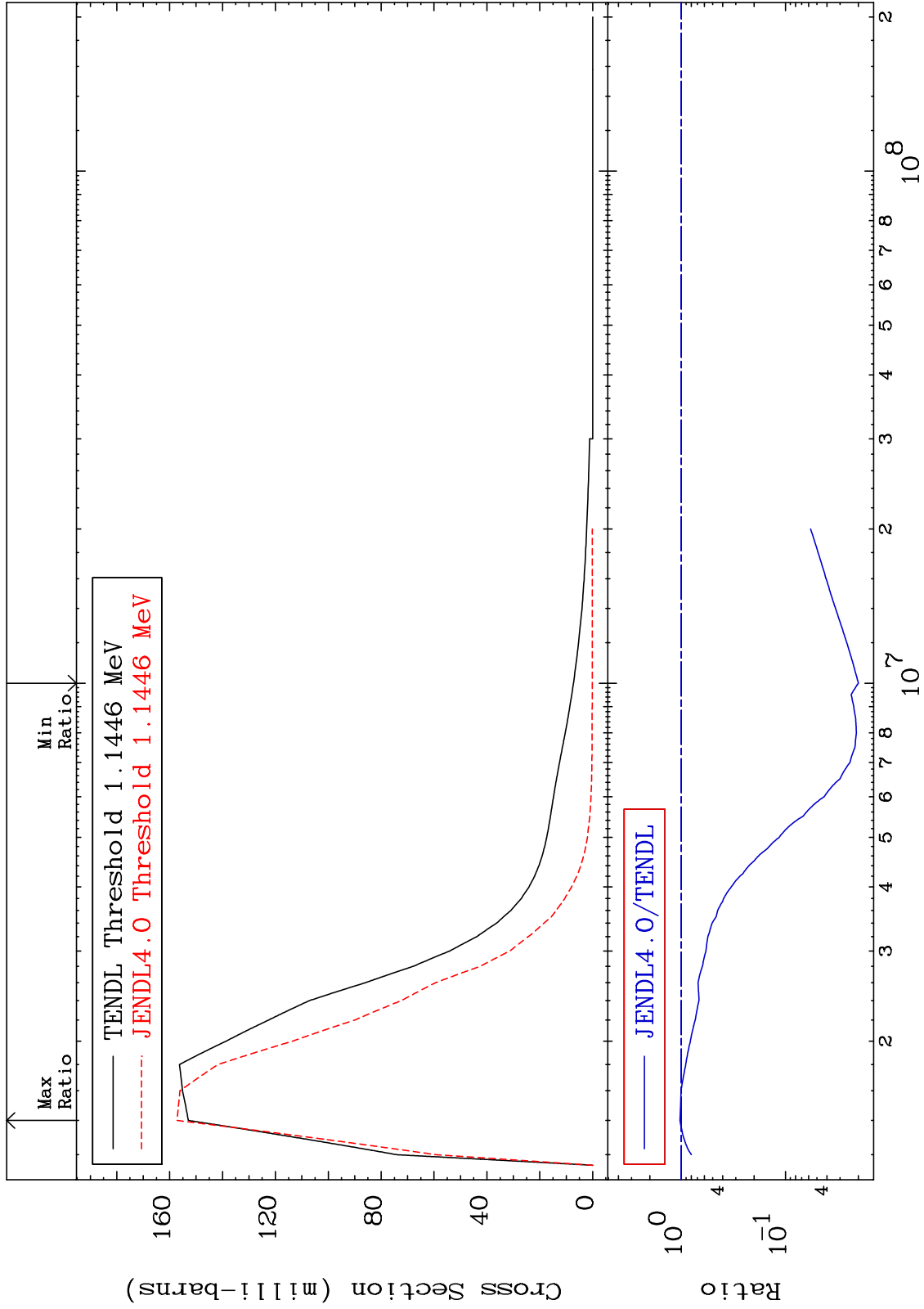
48-Cd-114
-10.24 To 85.09 %



MAT 4849

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

48-Cd-114
-98.00 To 2.794 %



10

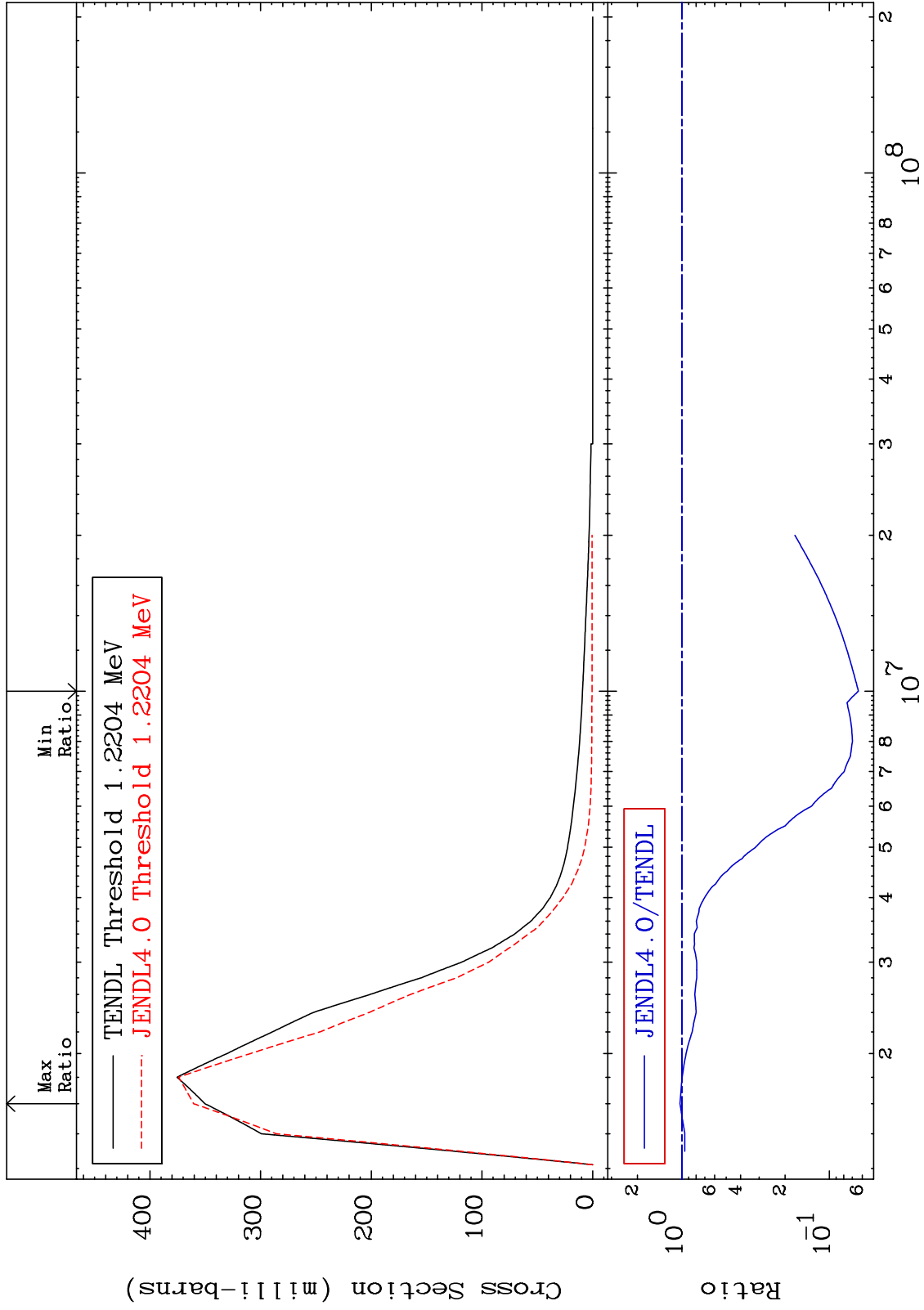
Incident Energy (eV)

48-Cd-114

MAT 4849

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

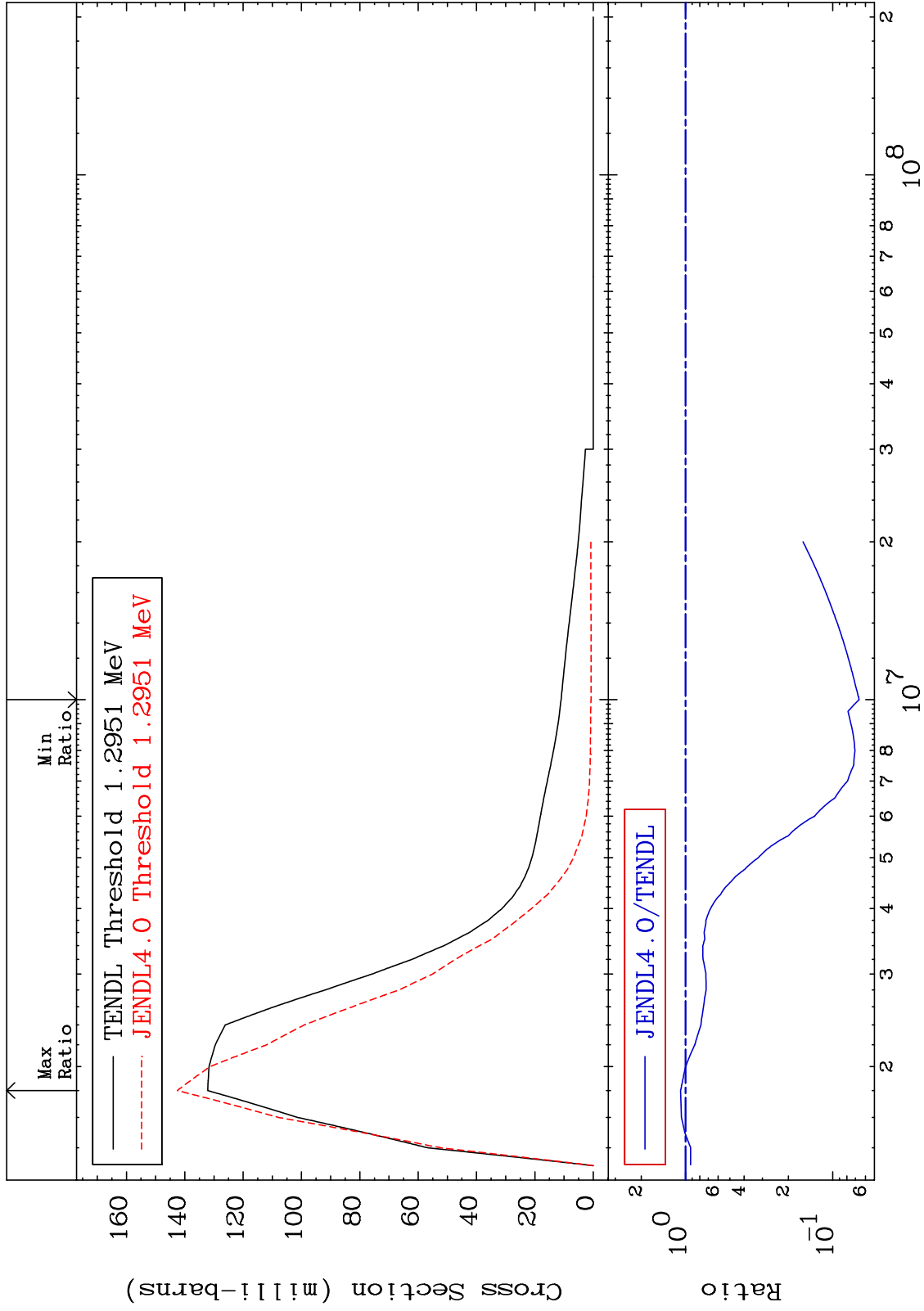
48-Cd-114
-93.64 To 2.931 %



MAT 4849

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

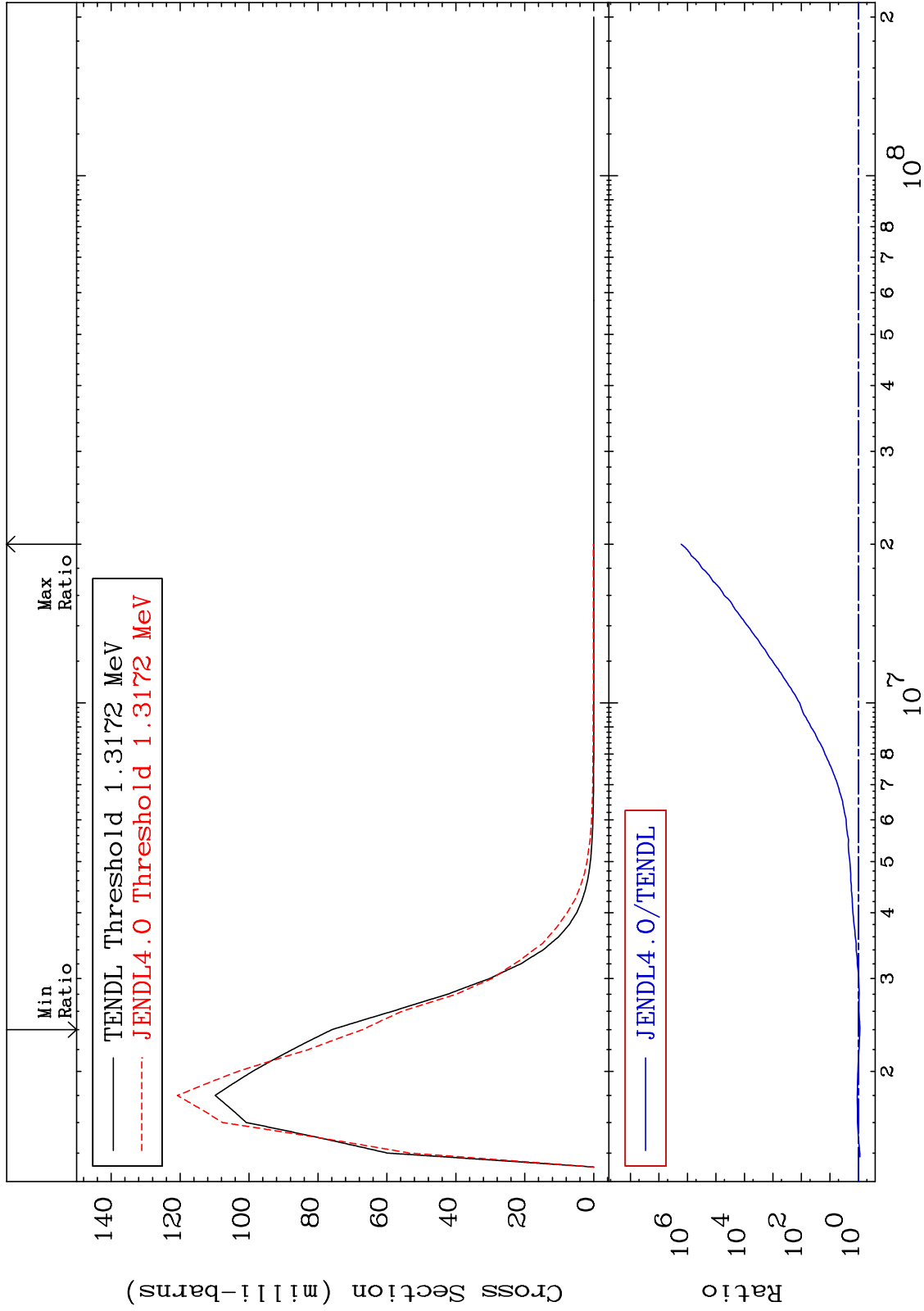
48-Cd-114
-93.39 To 7.878 %



MAT 4849

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

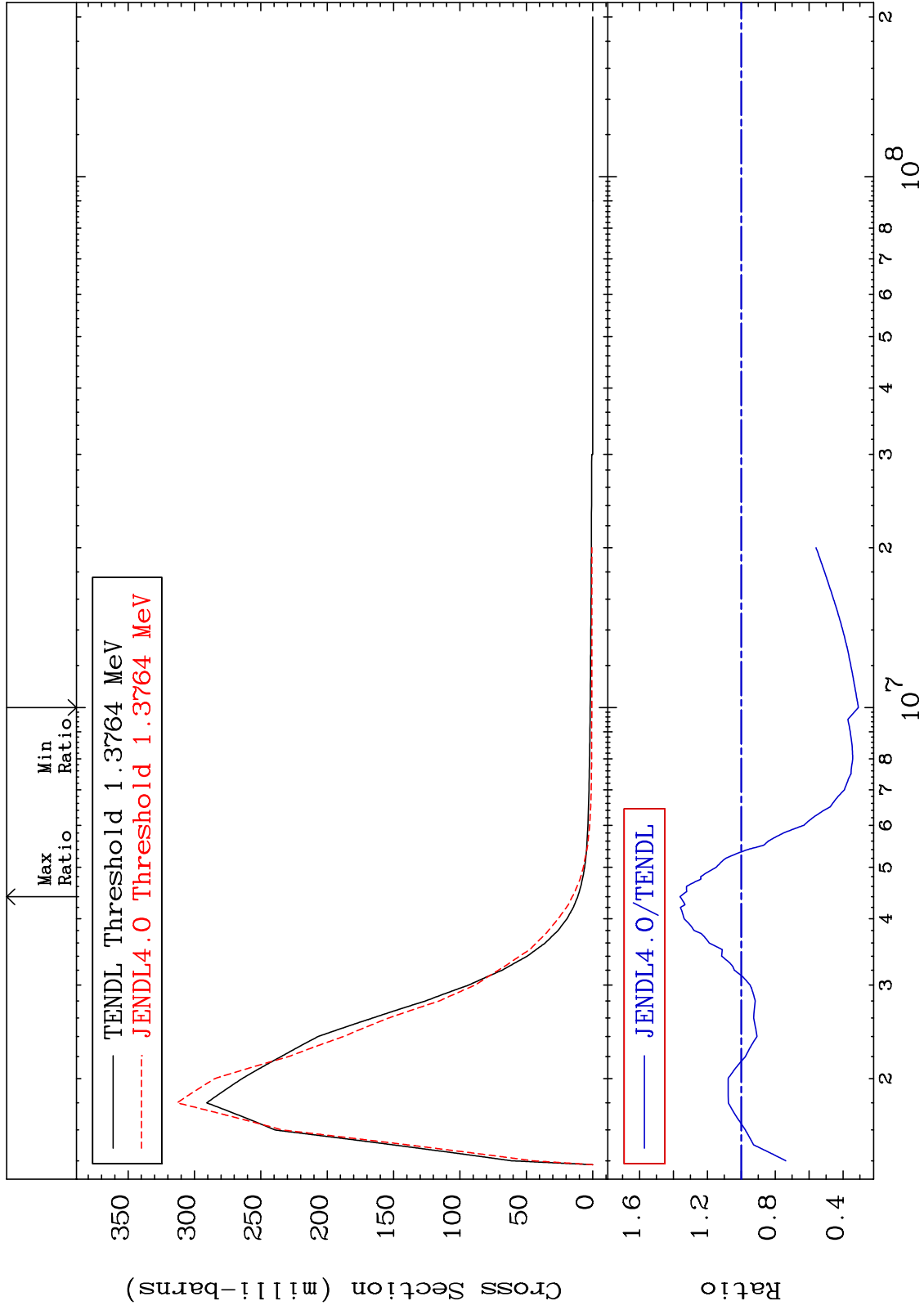
48-Cd-114
-11.66 To 9999. %



MAT 4849

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

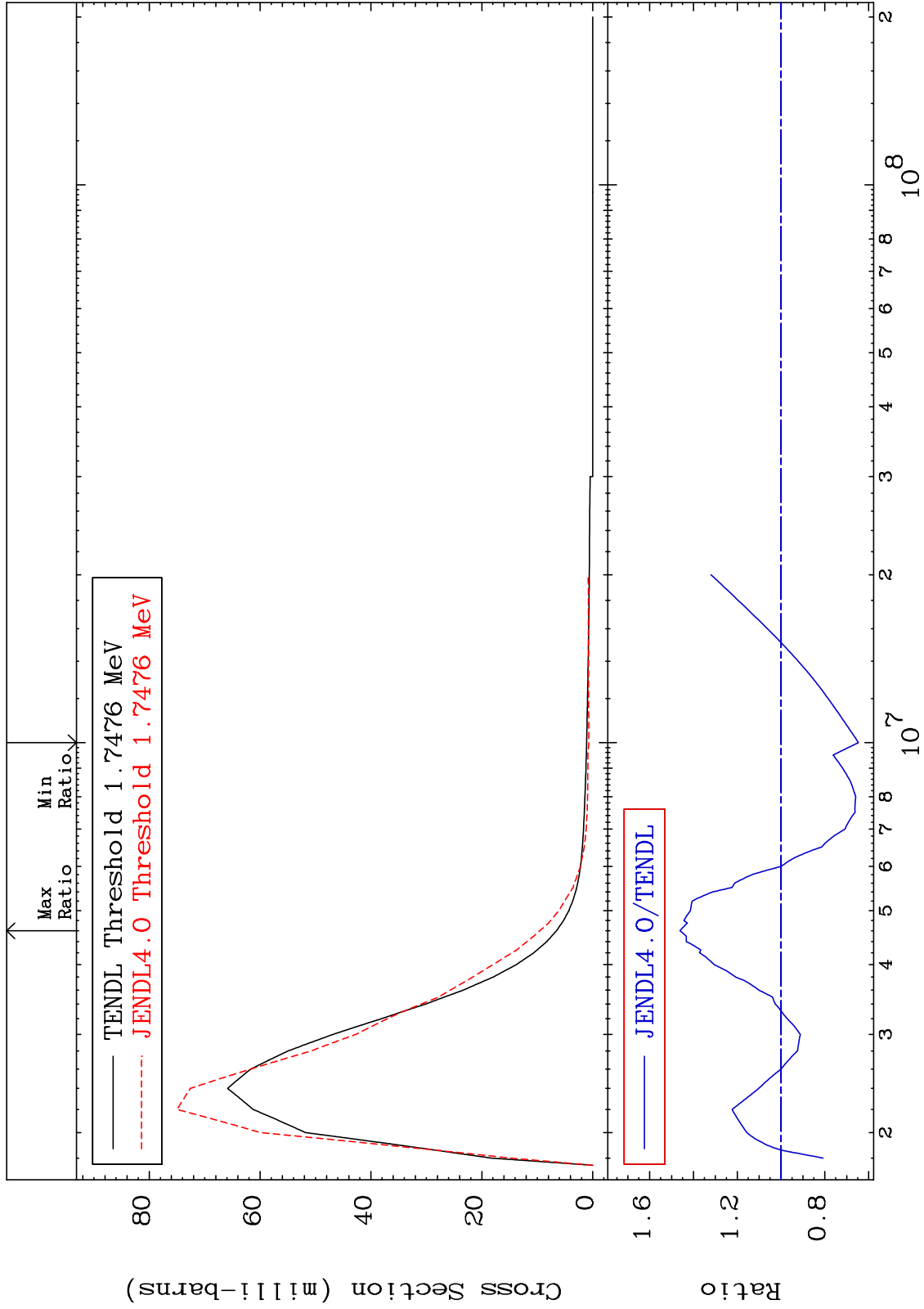
48-Cd-114
-69.07 To 36.13 %



MAT 4849

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

48-Cd-114
-35.34 To 46.14 %



15

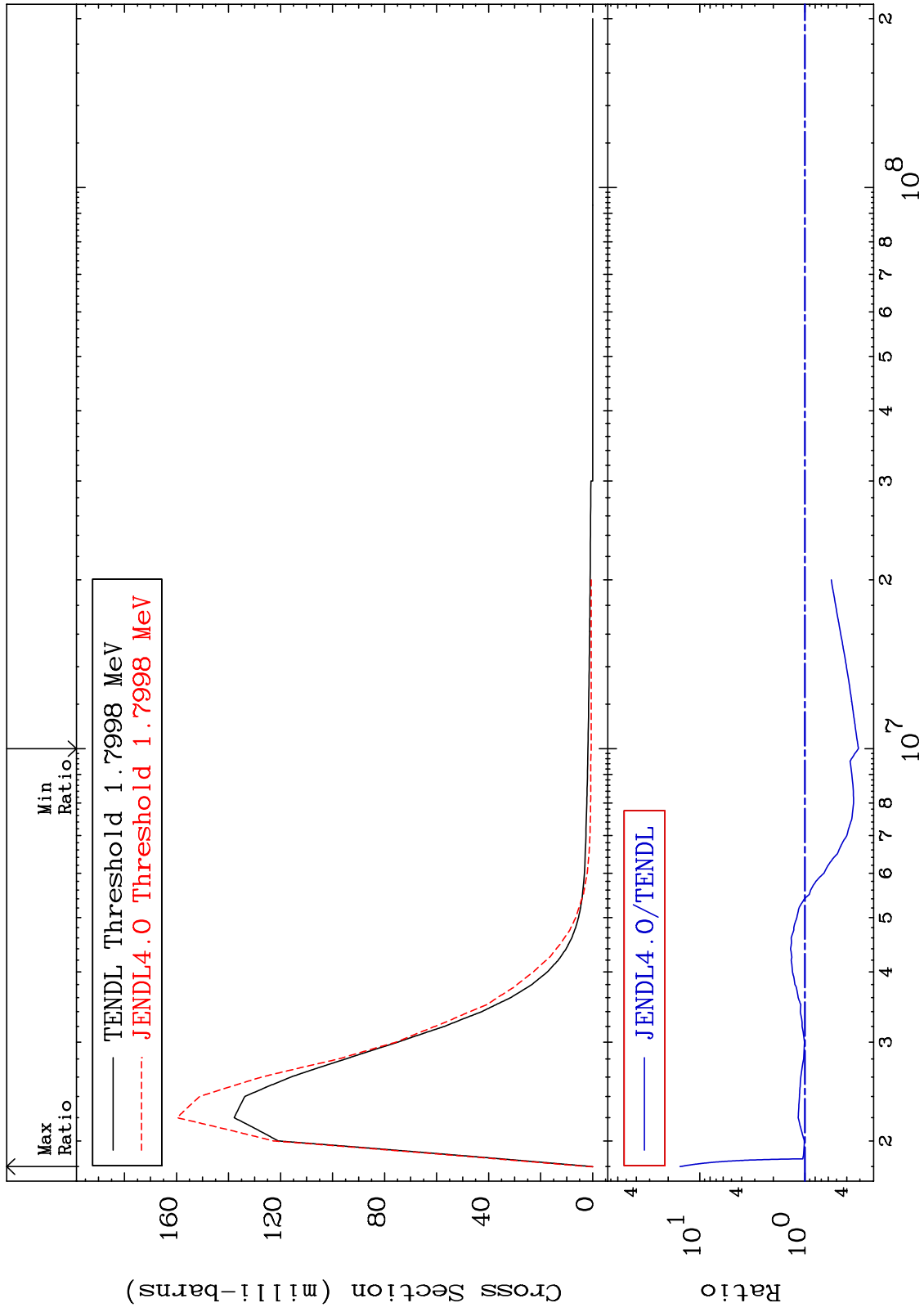
Incident Energy (eV)

48-Cd-114

MAT 4849

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

48-Cd-114
-68.94 To 1440. %



16

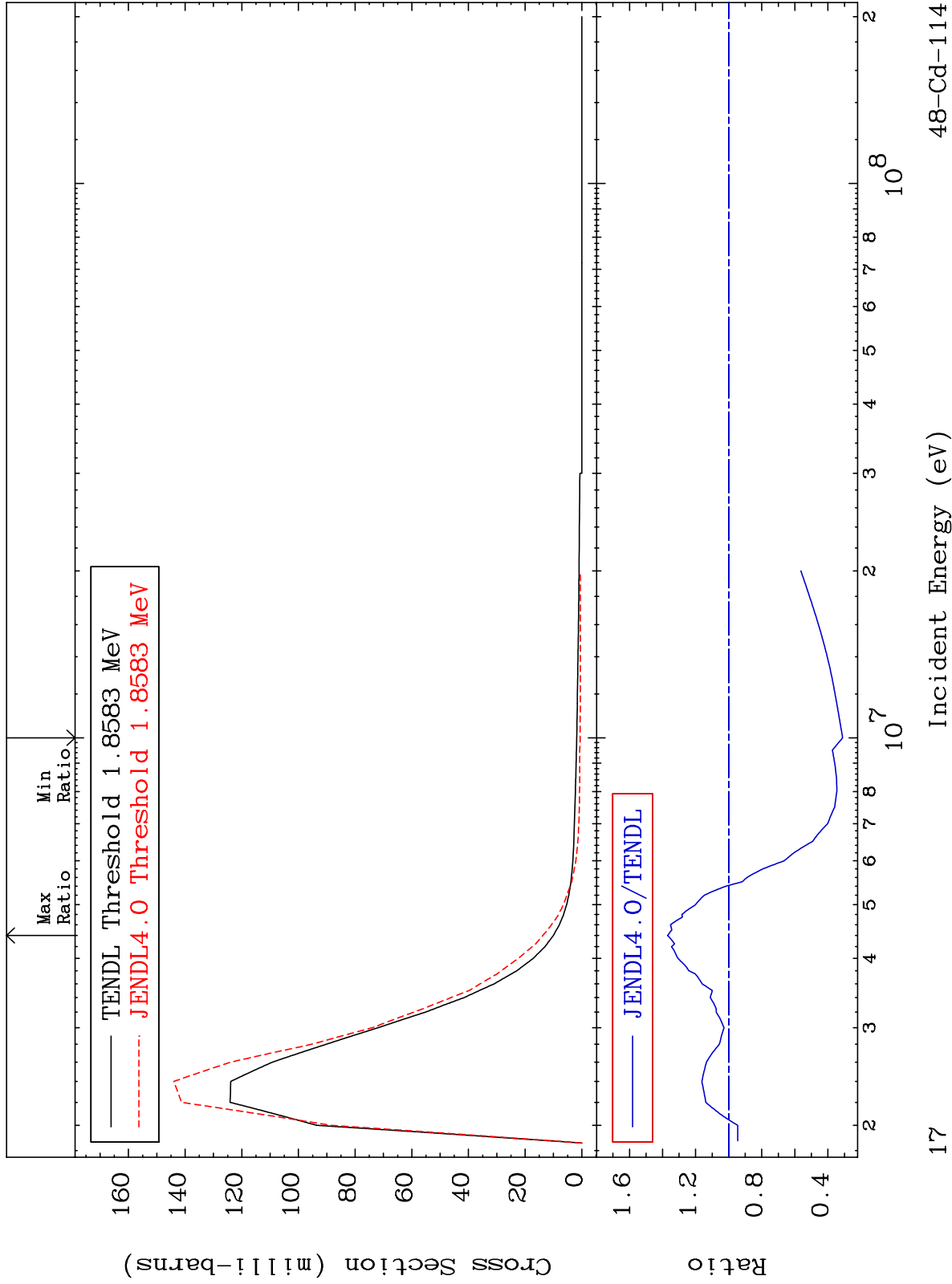
Incident Energy (eV)

48-Cd-114

MAT 4849

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

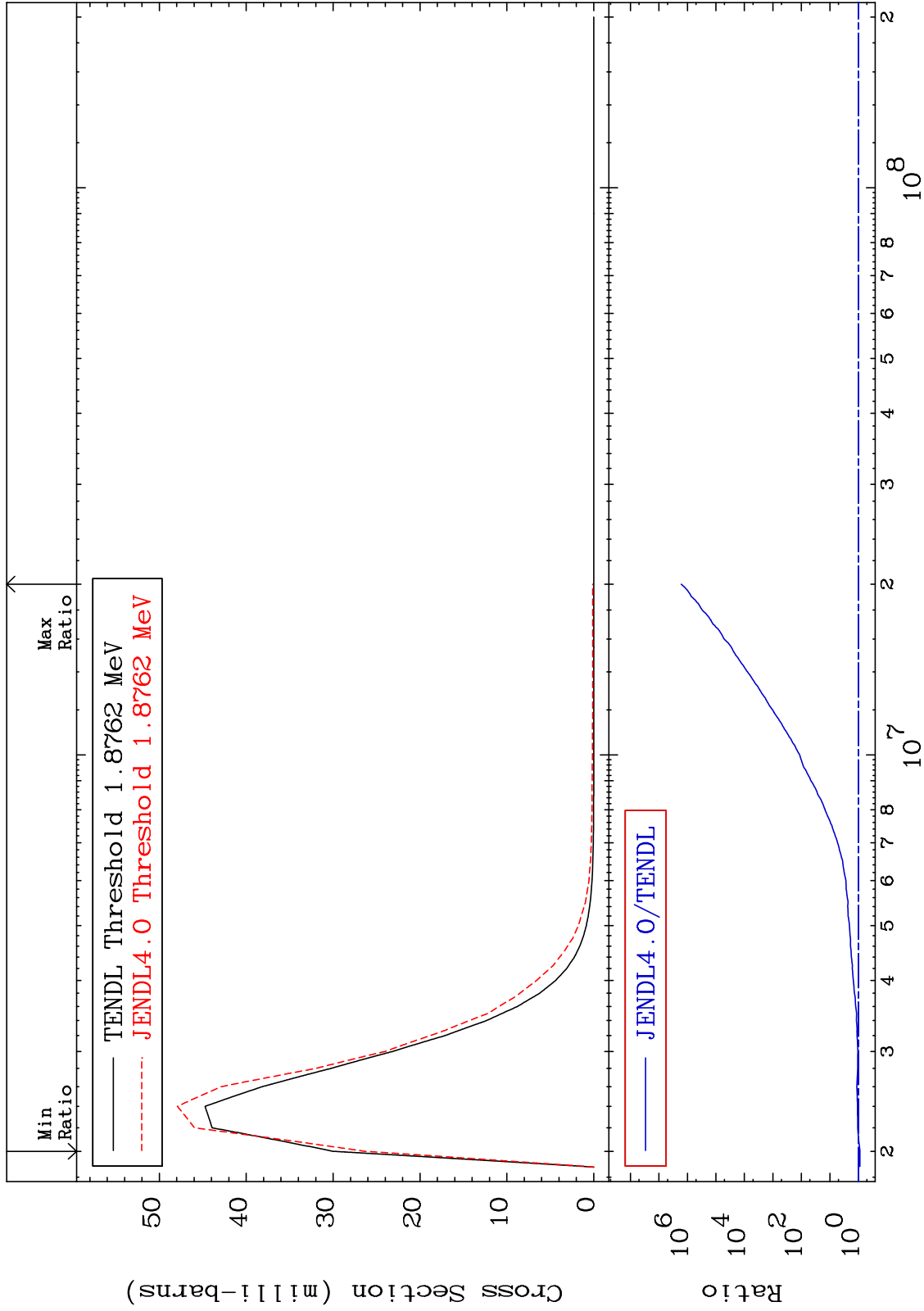
48-Cd-114
-68.92 To 36.98 %



MAT 4849

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

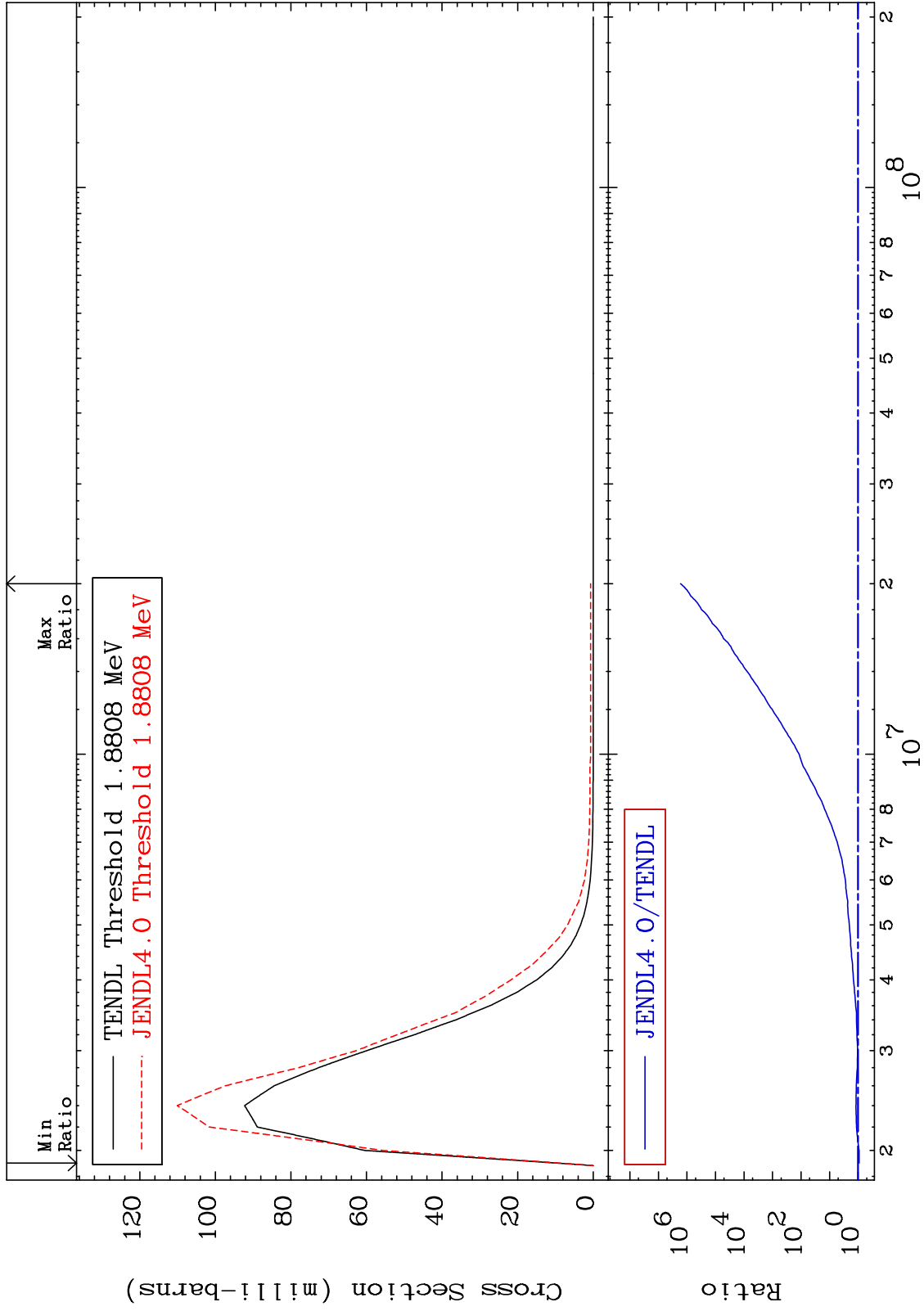
48-Cd-114
-12.20 To 9999. %



MAT 4849

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

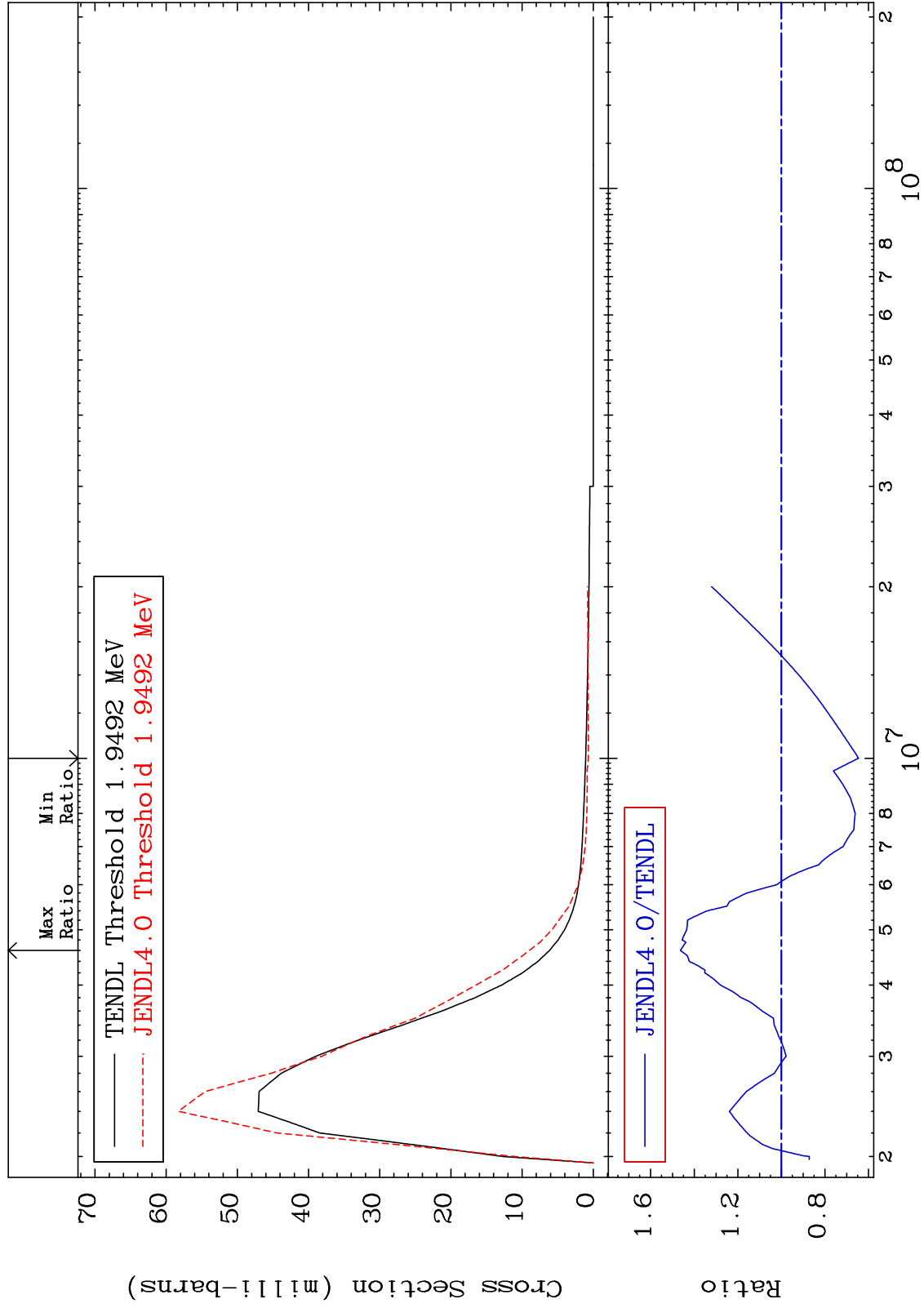
48-Cd-114
-7.985 To 9999. %



MAT 4849

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

48-Cd-114
-35.41 To 46.32 %



20

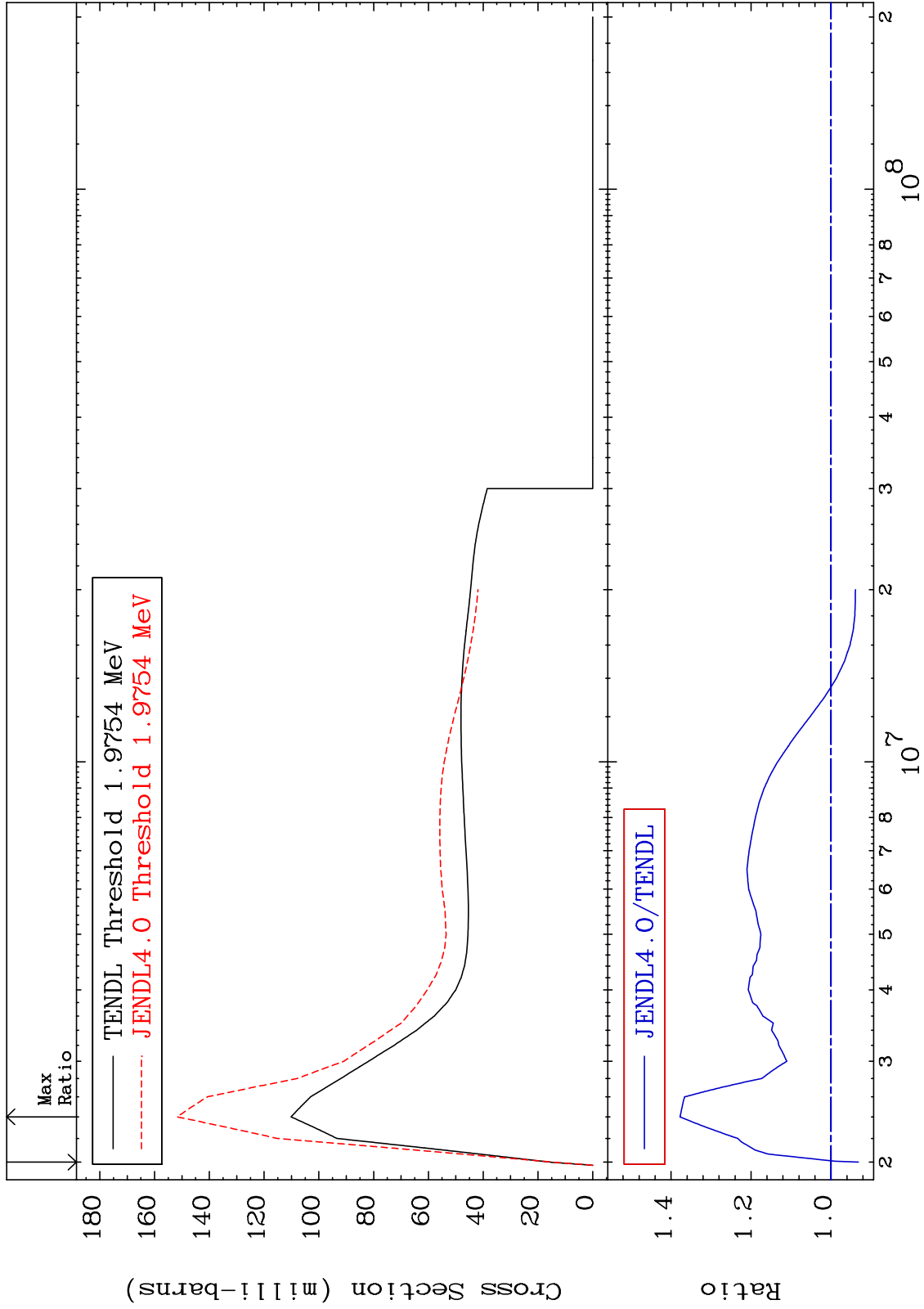
Incident Energy (eV)

48-Cd-114

MAT 4849

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

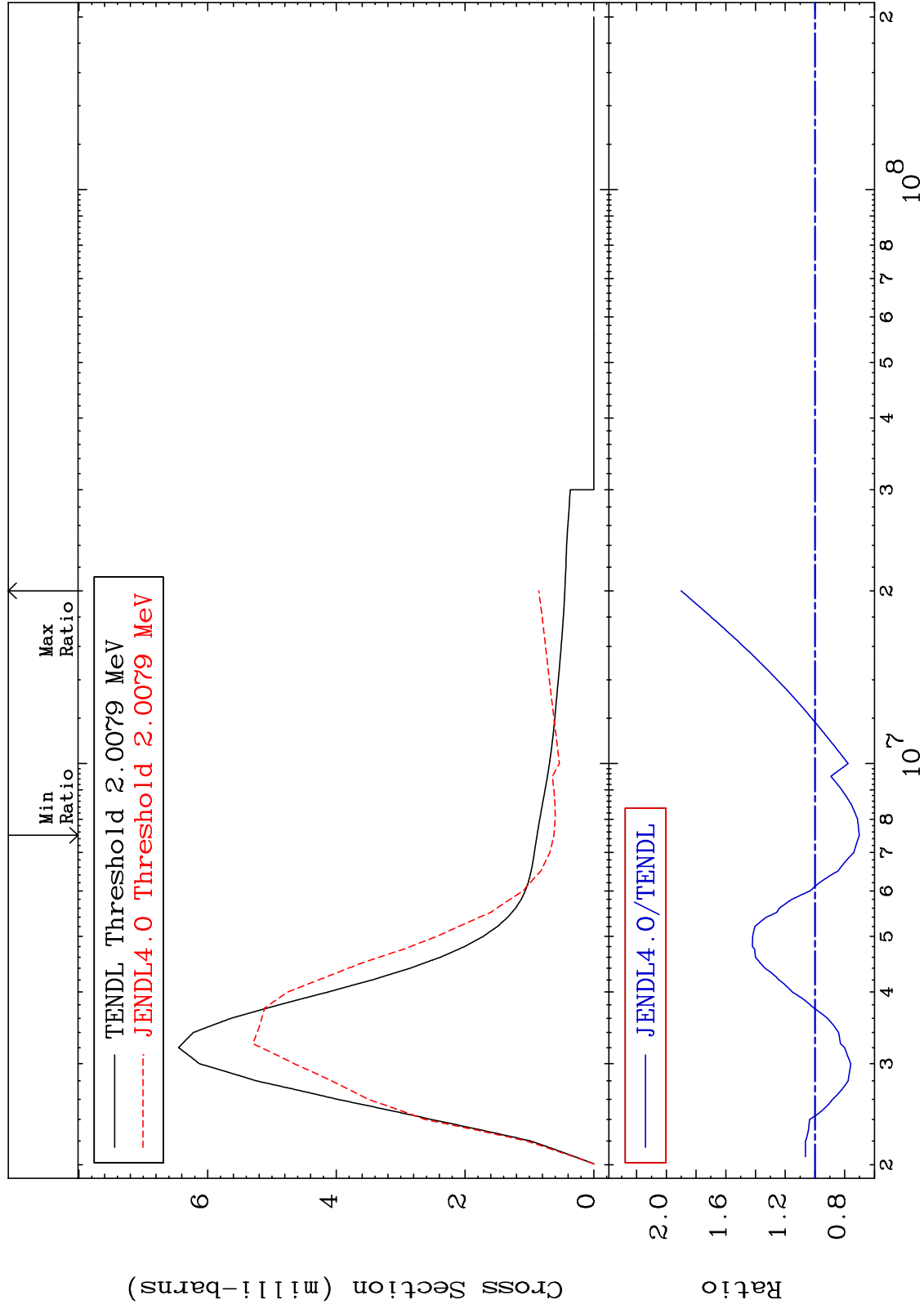
48-Cd-114
-6.870 To 37.76 %



MAT 4849

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

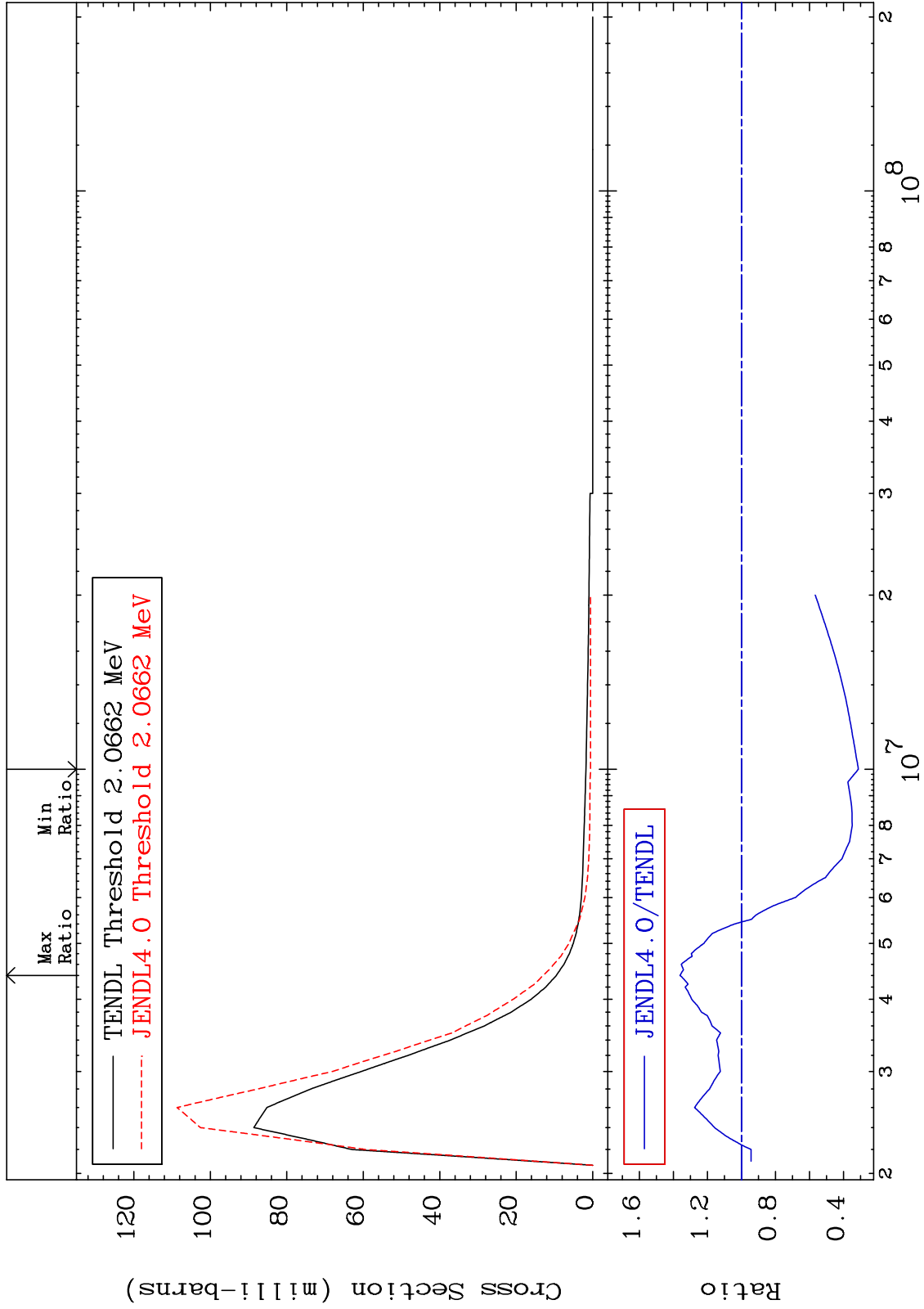
48-Cd-114
-29.83 To 90.11 %



MAT 4849

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

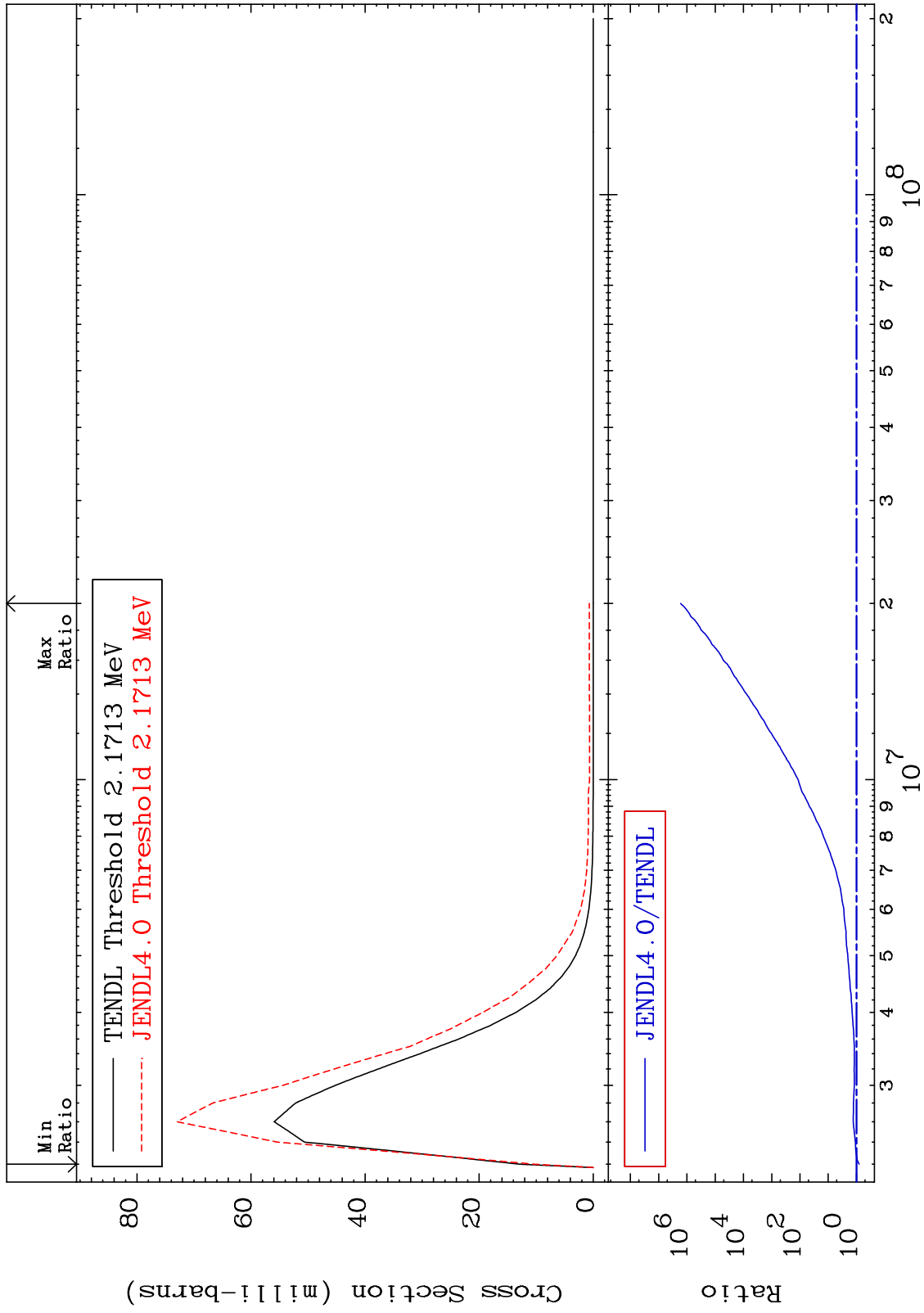
48-Cd-114
-68.81 To 36.11 %



MAT 4849

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

48-Cd-114
-19.58 To 9999. %



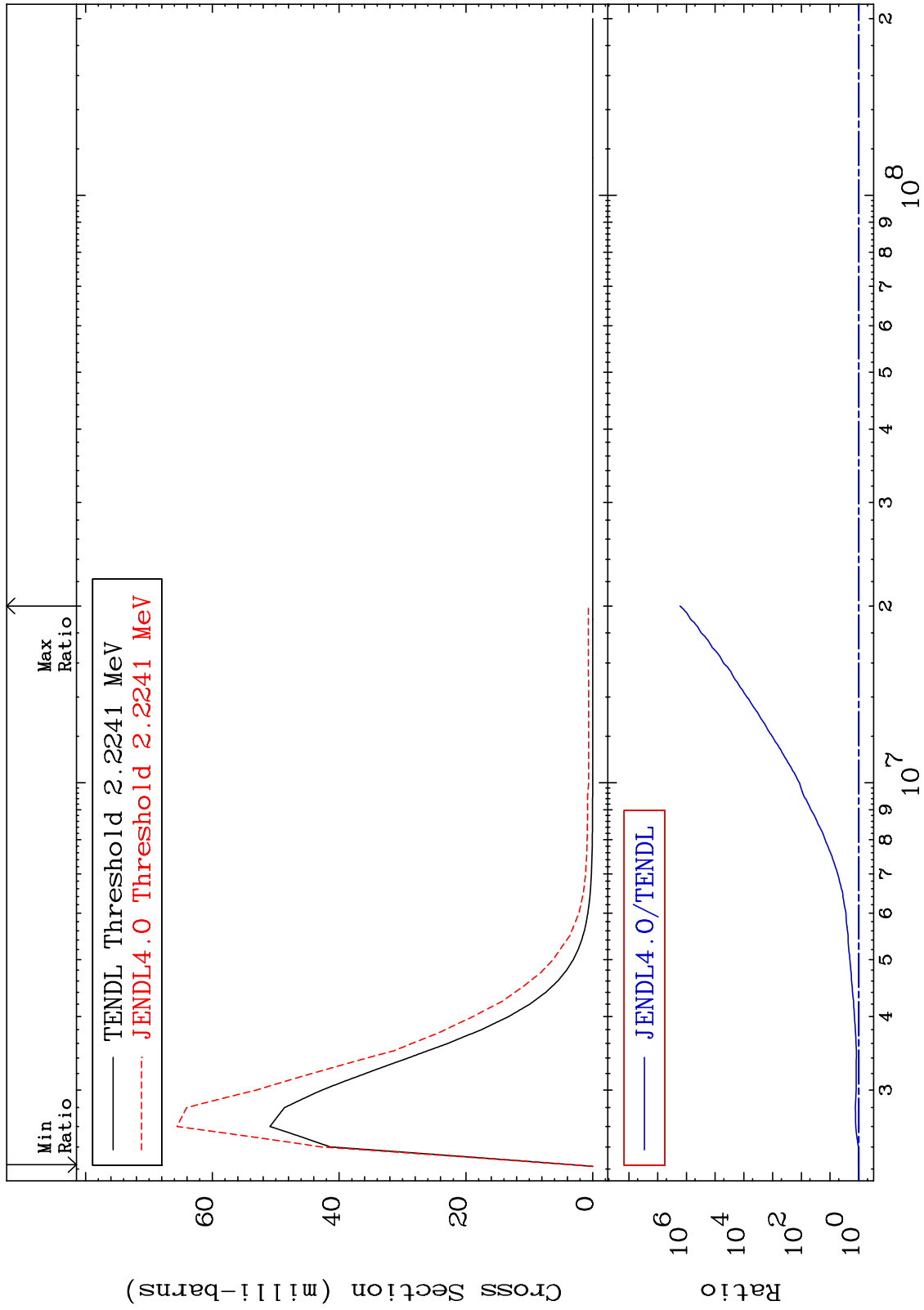
48-Cd-114

Incident Energy (eV)

MAT 4849

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

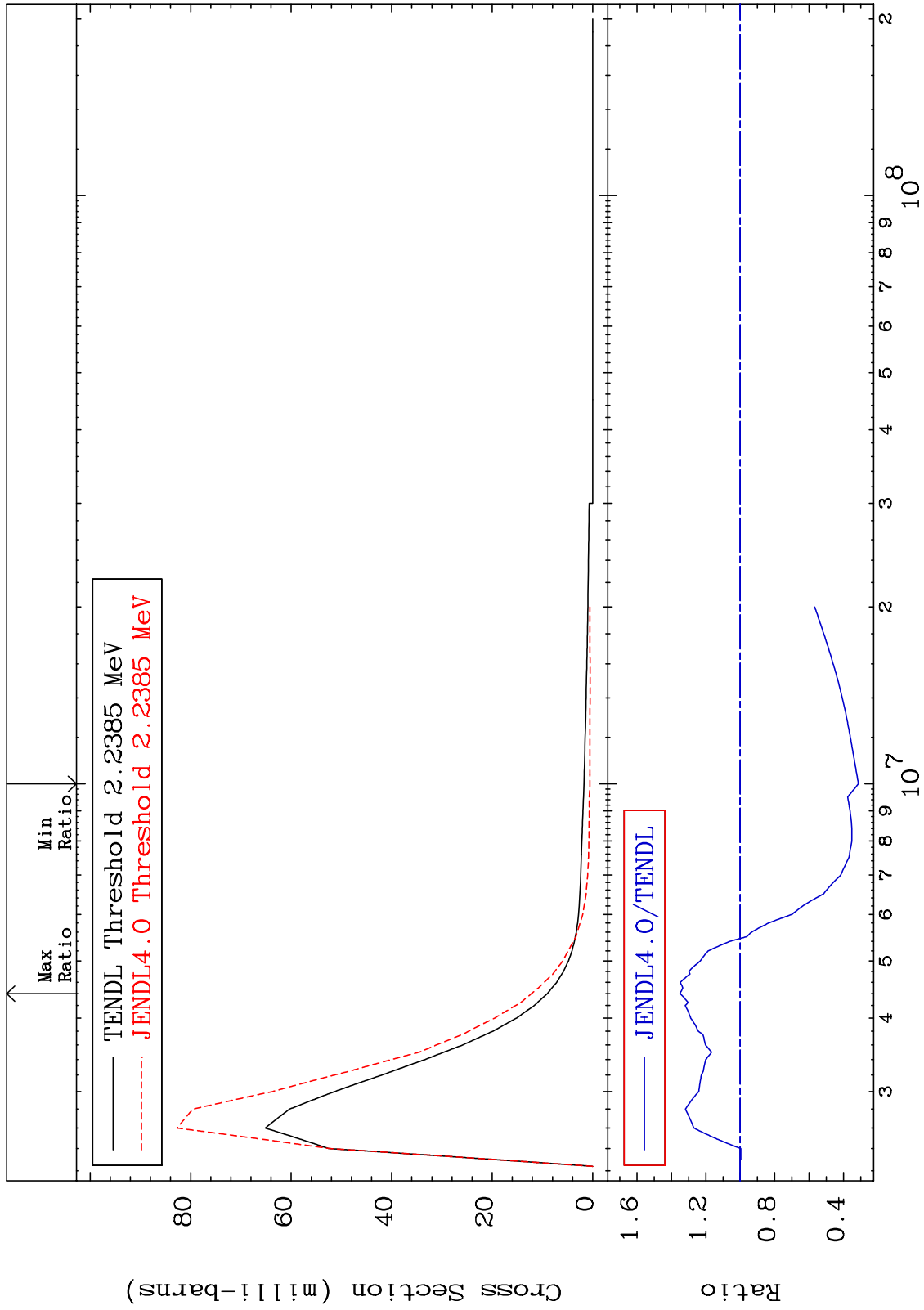
48-Cd-114
3.310 To 9999. %



MAT 4849

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

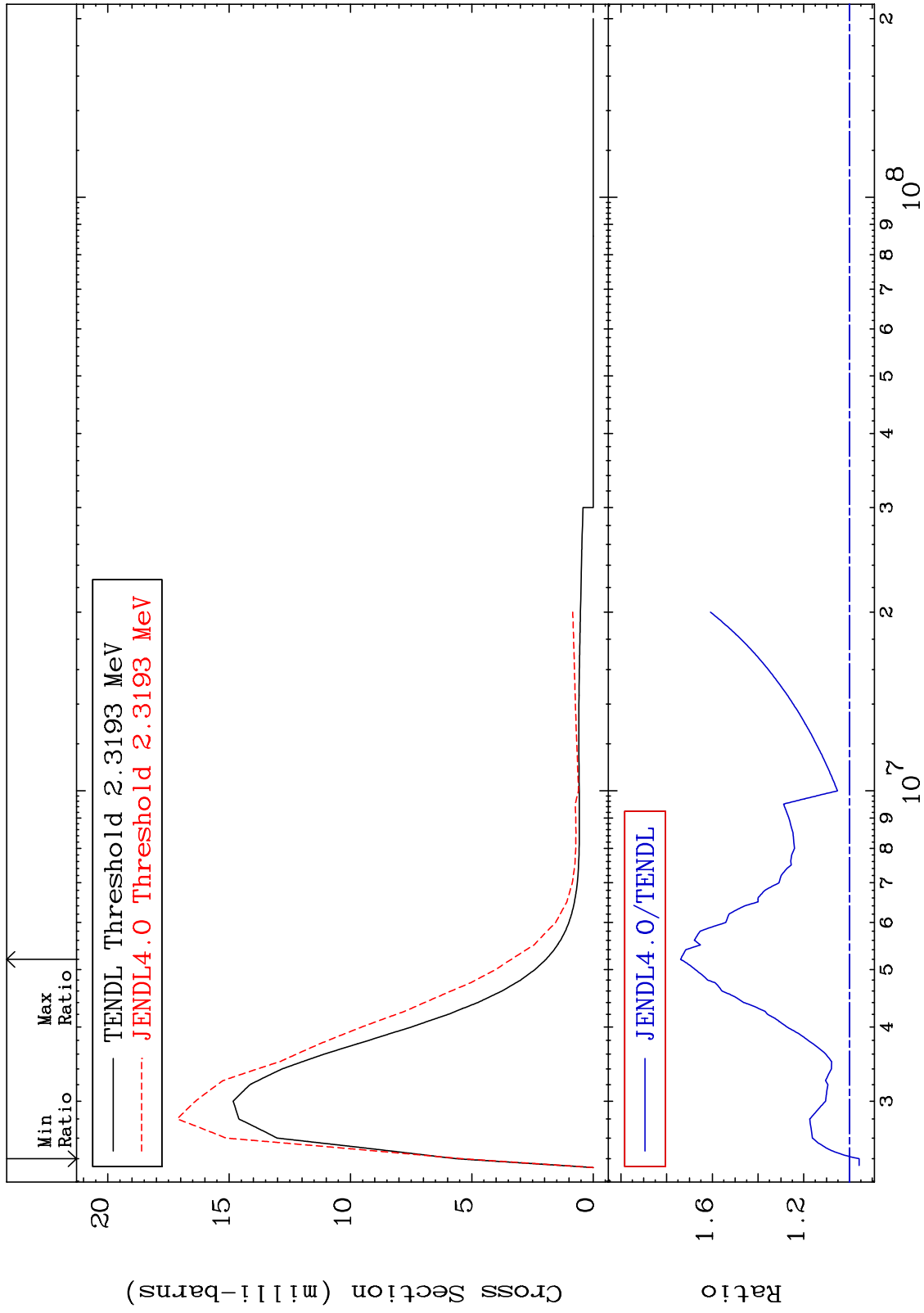
48-Cd-114
-68.69 To 35.00 %



MAT 4849

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

48-Cd-114
-4.251 To 73.87 %



27

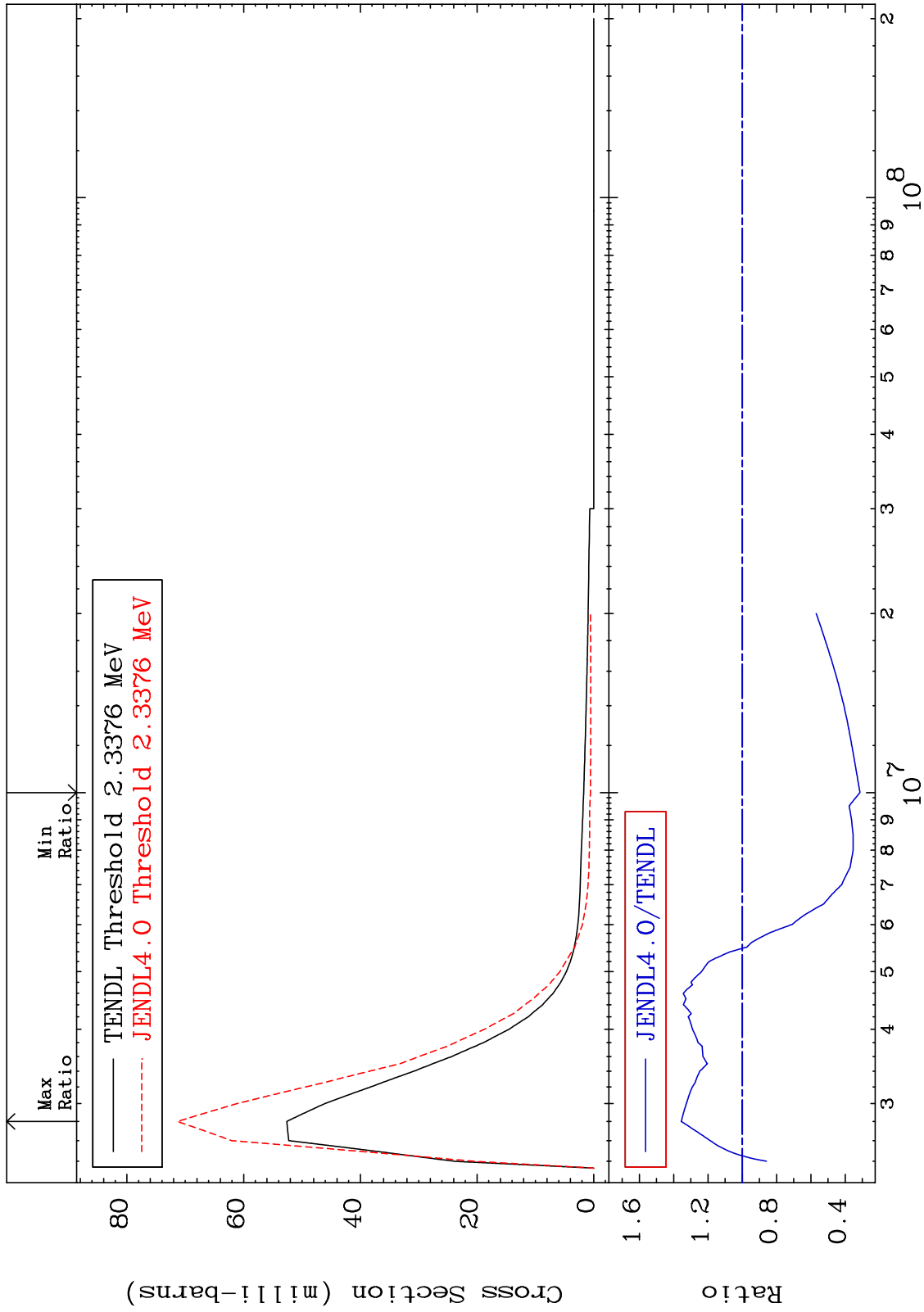
Incident Energy (eV)

48-Cd-114

MAT 4849

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

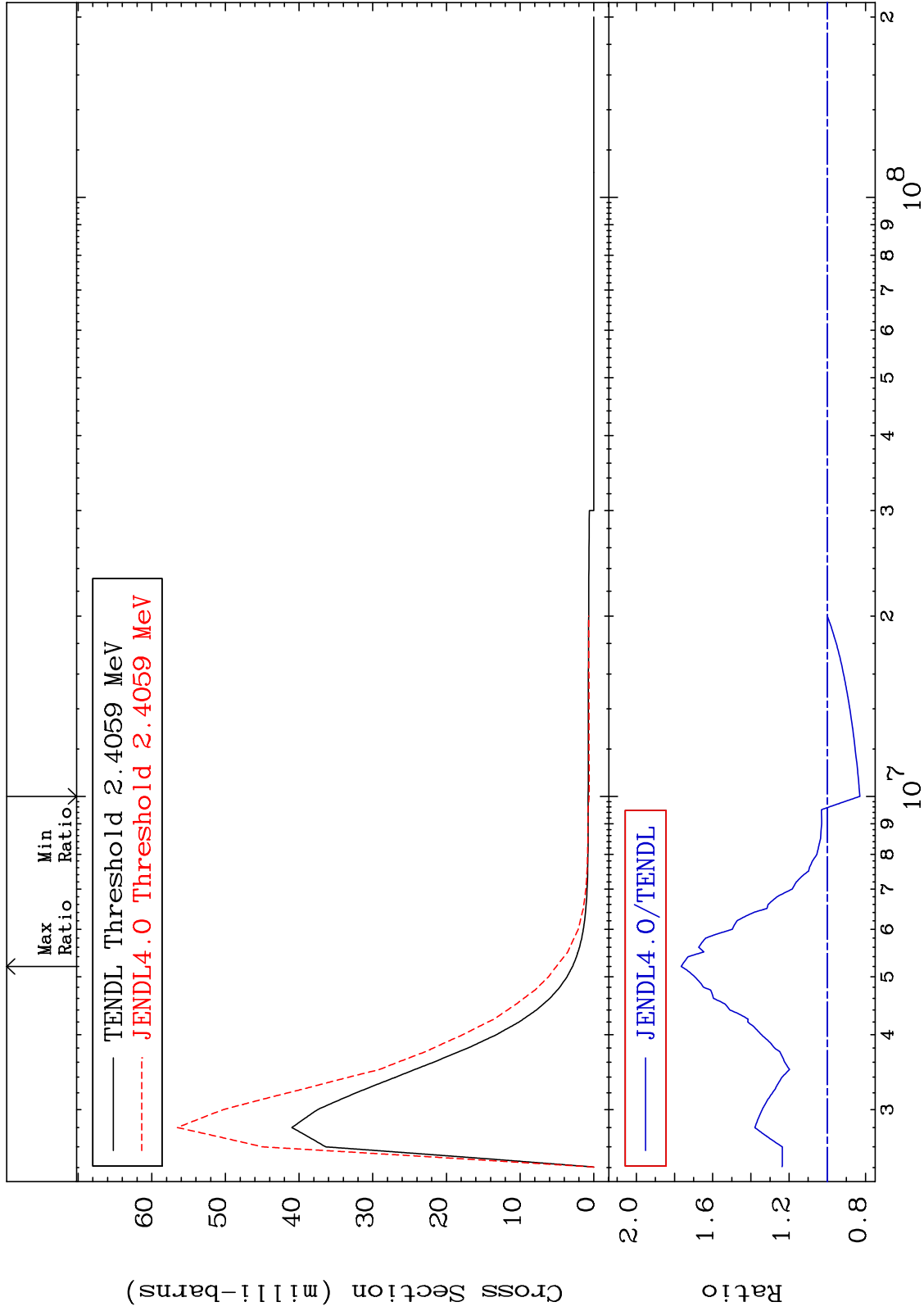
48-Cd-114
-68.61 To 35.62 %



MAT 4849

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

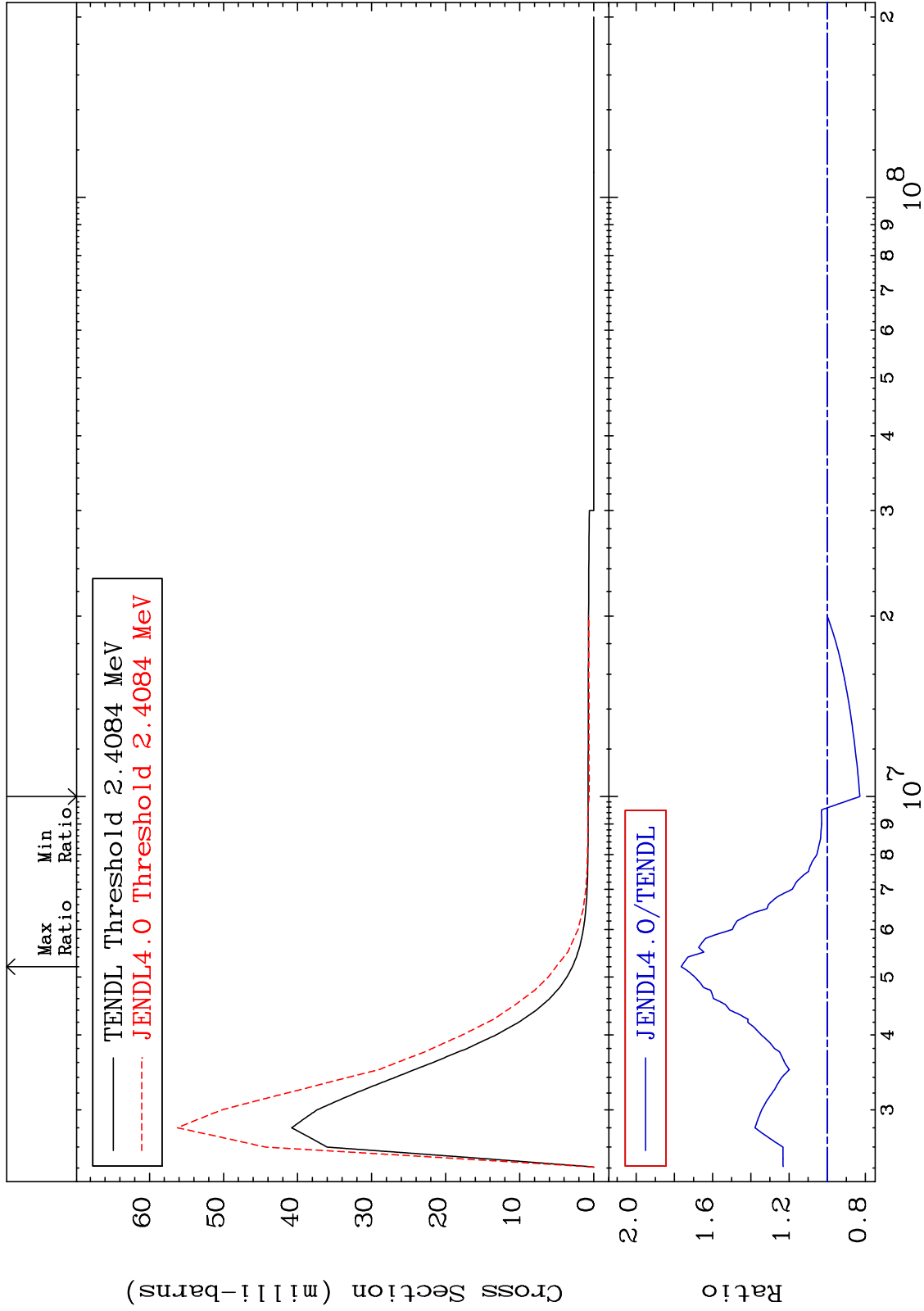
48-Cd-114
-17.10 To 76.48 %



MAT 4849

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

48-Cd-114
-17.12 To 76.43 %

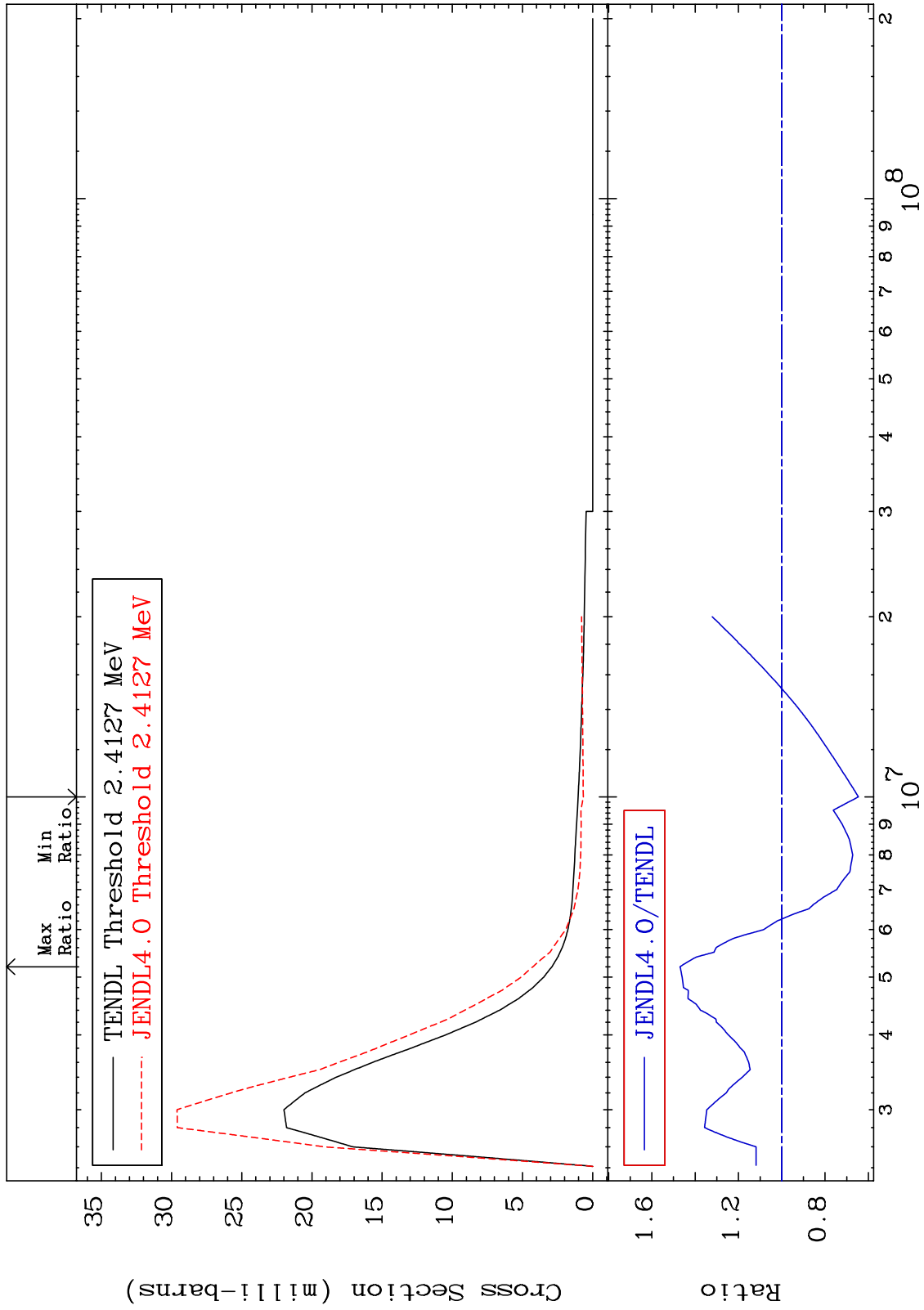


30

Incident Energy (eV)

48-Cd-114

MAT 4849 MT= 73 (n,n') Level
 Cross Section 48-Cd-114
 -35.40 To 47.00 %

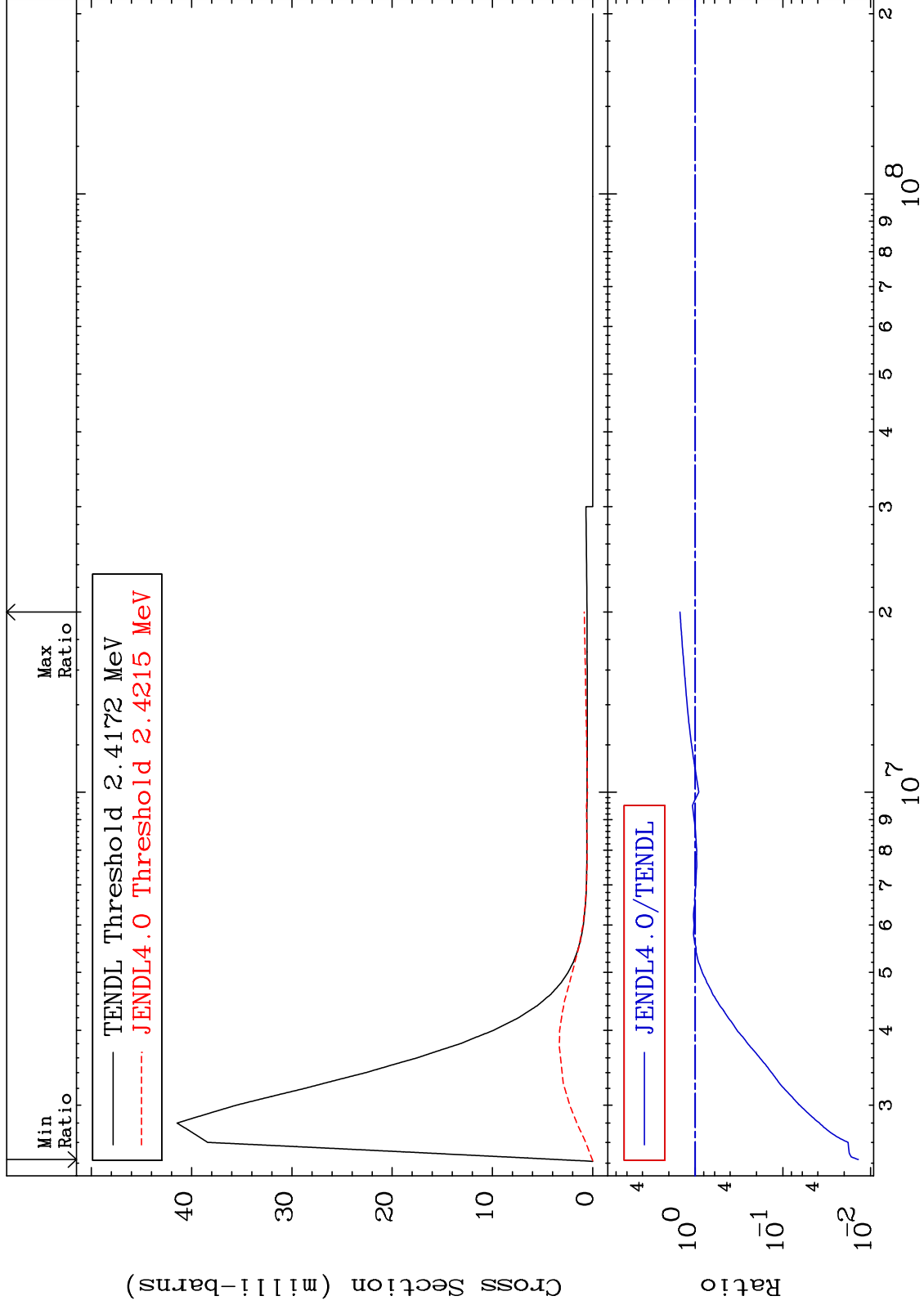


Incident Energy (eV) 48-Cd-114

MAT 4849

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

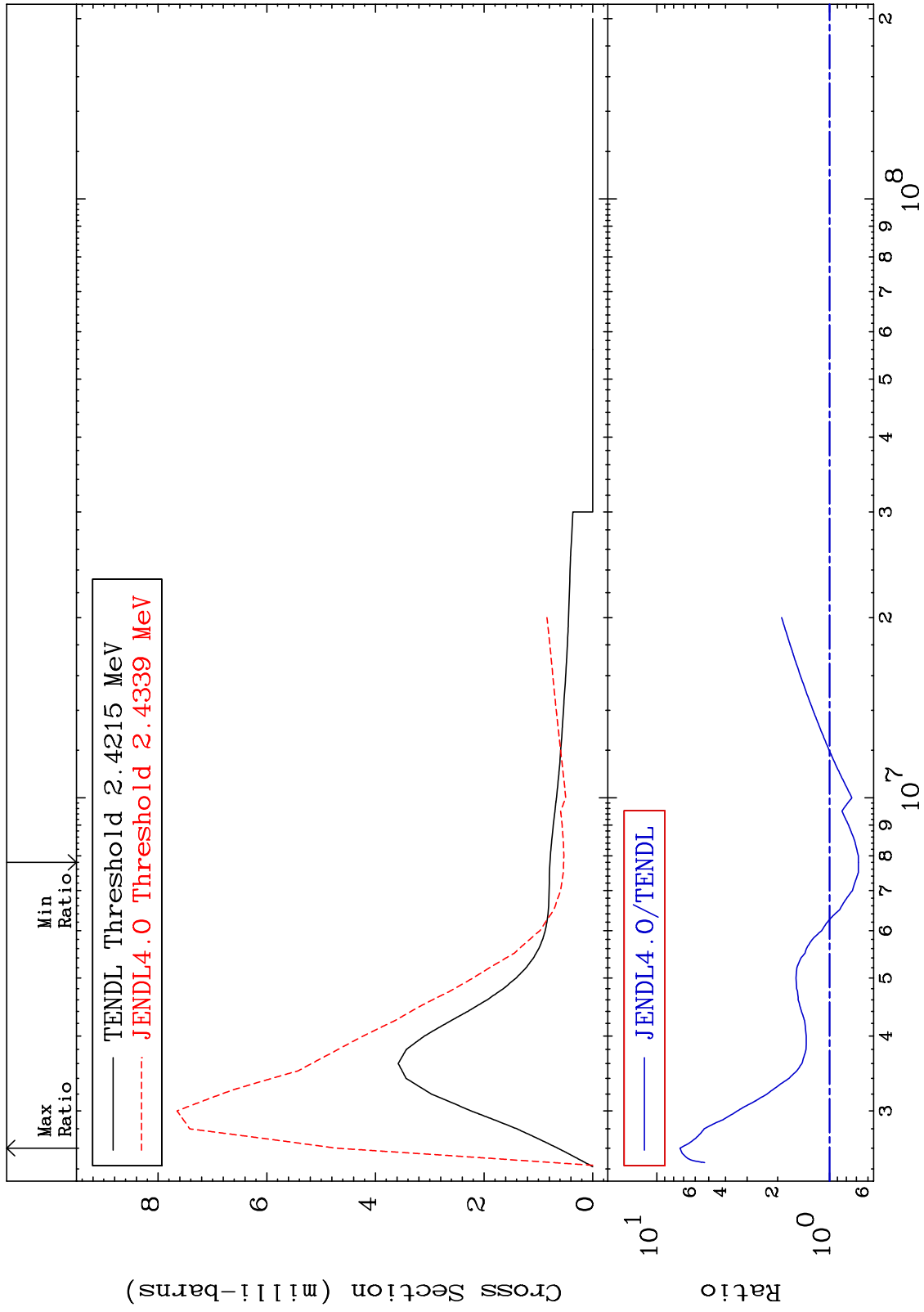
48-Cd-114
-98.62 To 48.86 %



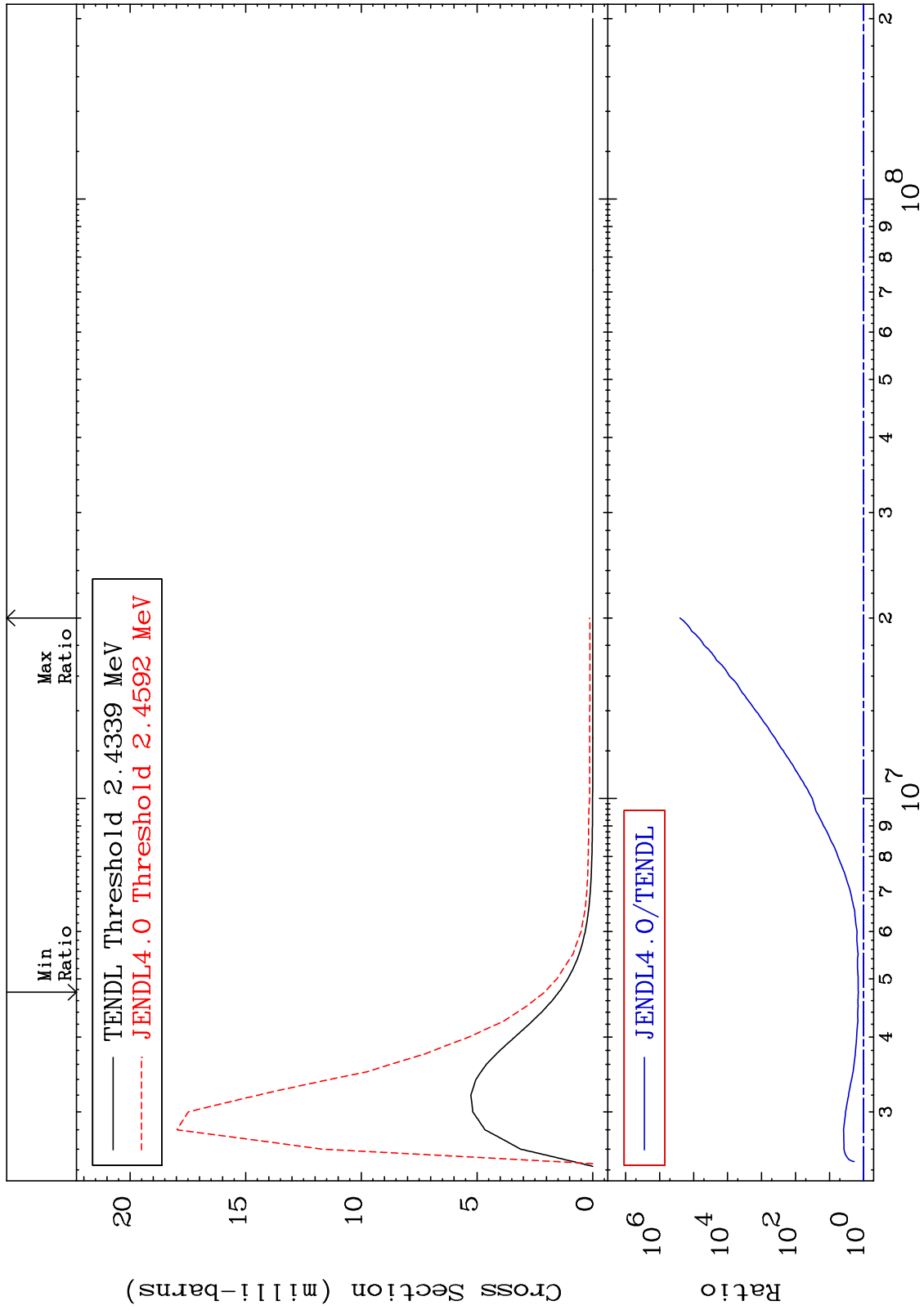
MAT 4849

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

48-Cd-114
-31.92 To 634.0 %



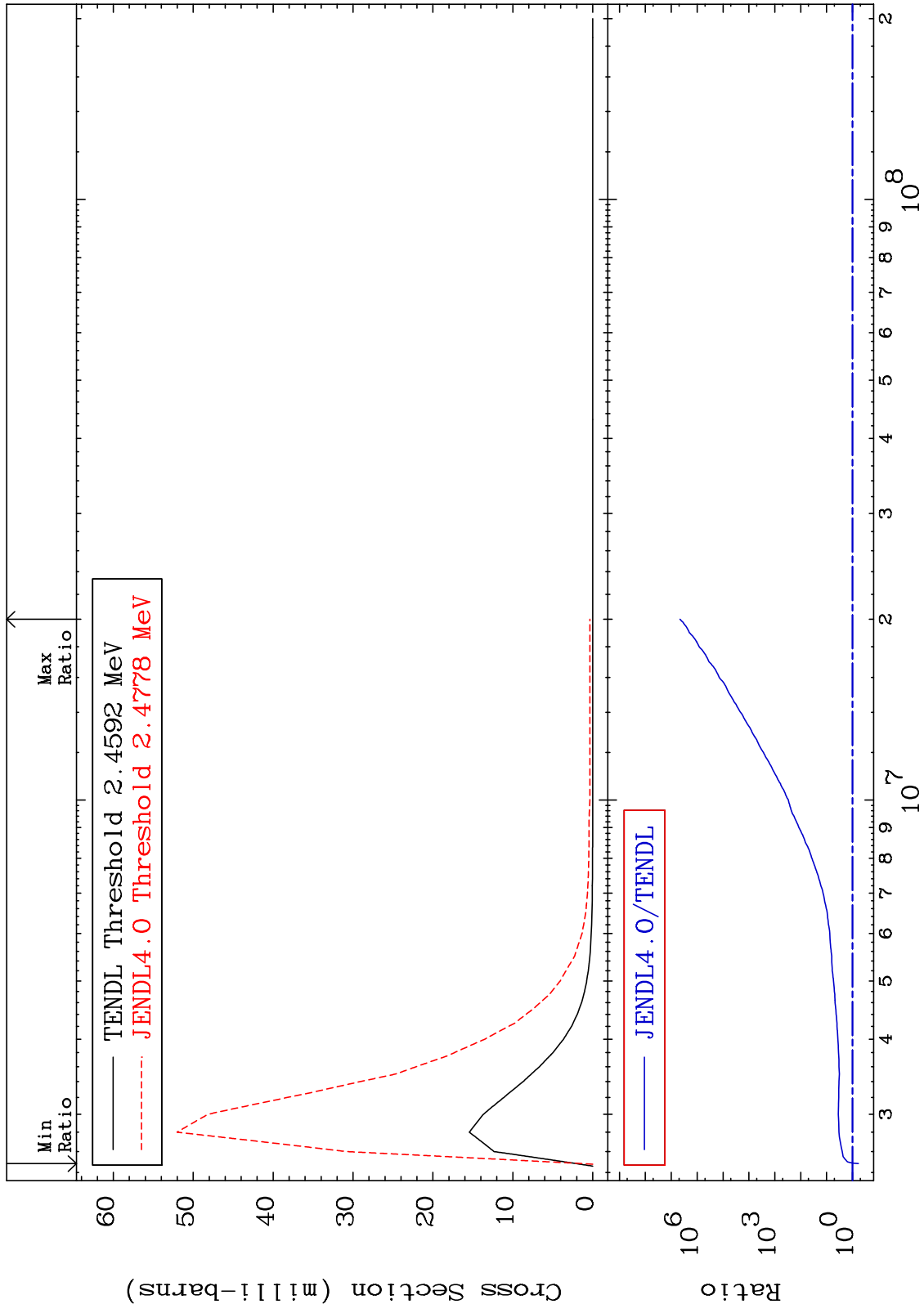
MAT 4849 MT= 76 (n,n') Level Cross Section 48-Cd-114 41.52 To 9999. %



48-Cd-114

Incident Energy (eV)

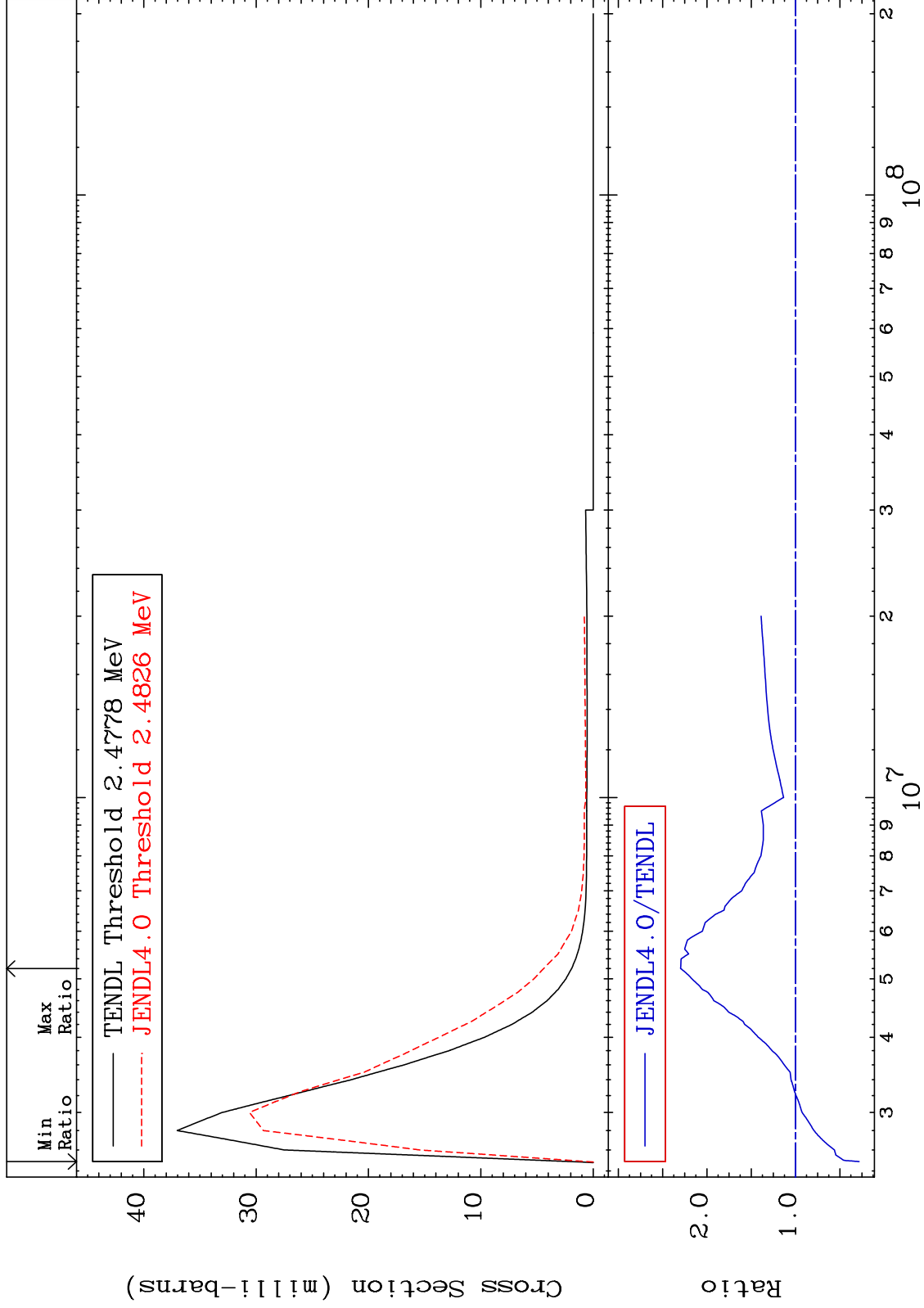
MAT 4849 MT= 77 (n,n') Level 48-Cd-114
 Cross Section -40.77 To 9999. %



MAT 4849

MT= 78 (n,n') Level
Cross Section

48-Cd-114
-71.81 To 129.7 %



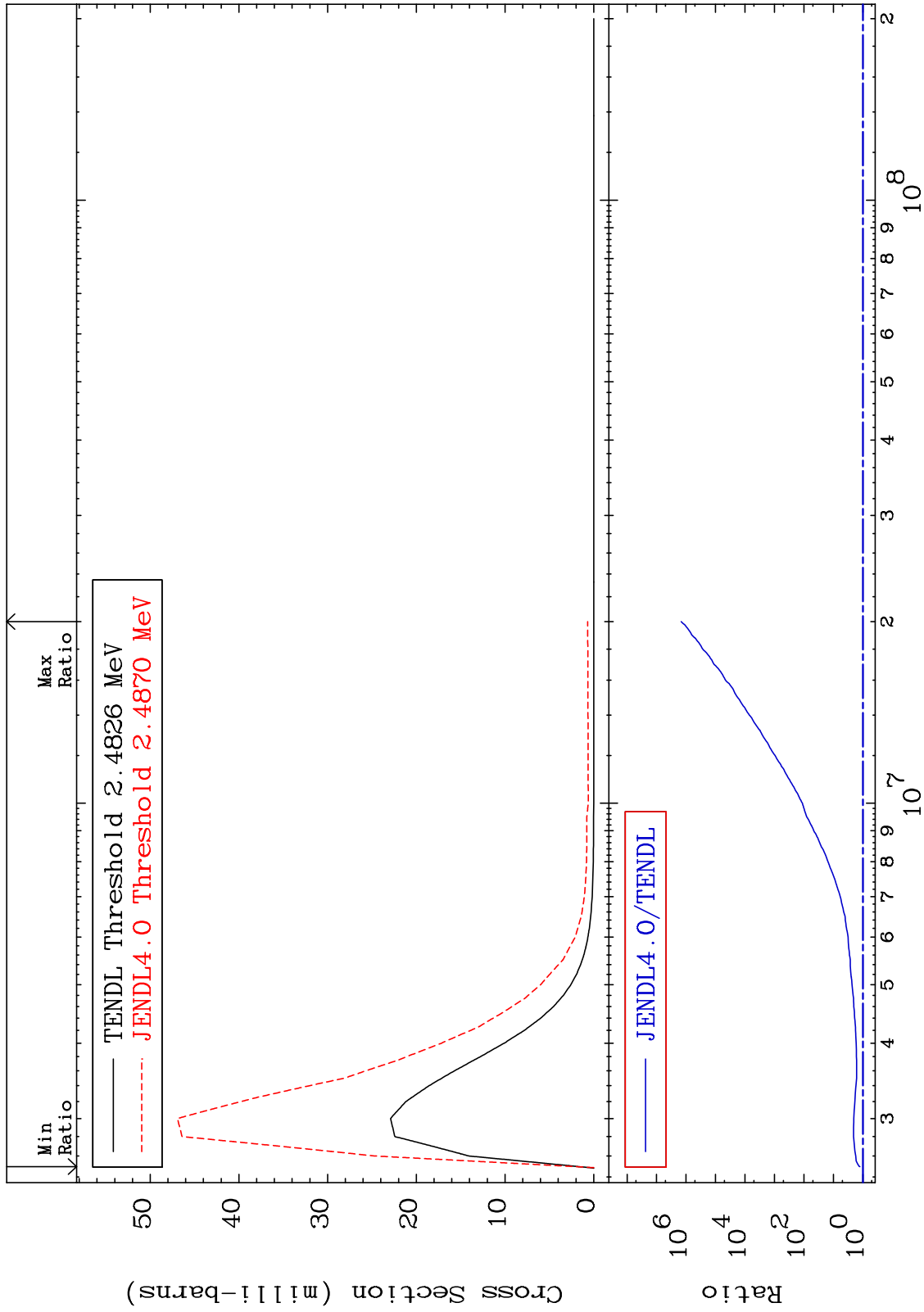
36

48-Cd-114

MAT 4849

MT= 79 (n,n') Level
Cross Section

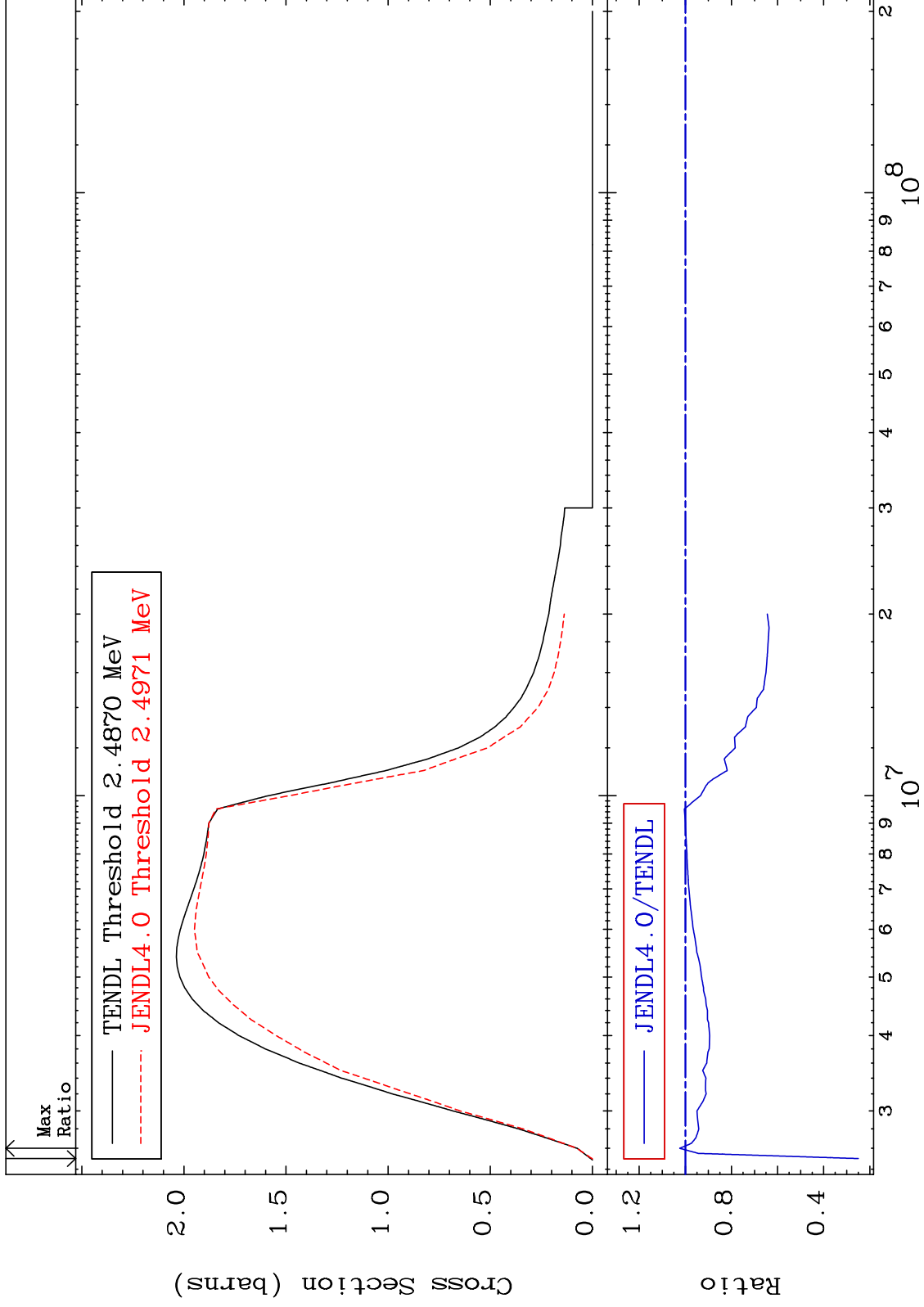
48-Cd-114
26.12 To 9999. %



MAT 4849

(n,n') Continuum
Cross Section

48-Cd-114
-75.03 To 2.403 %



38

48-Cd-114

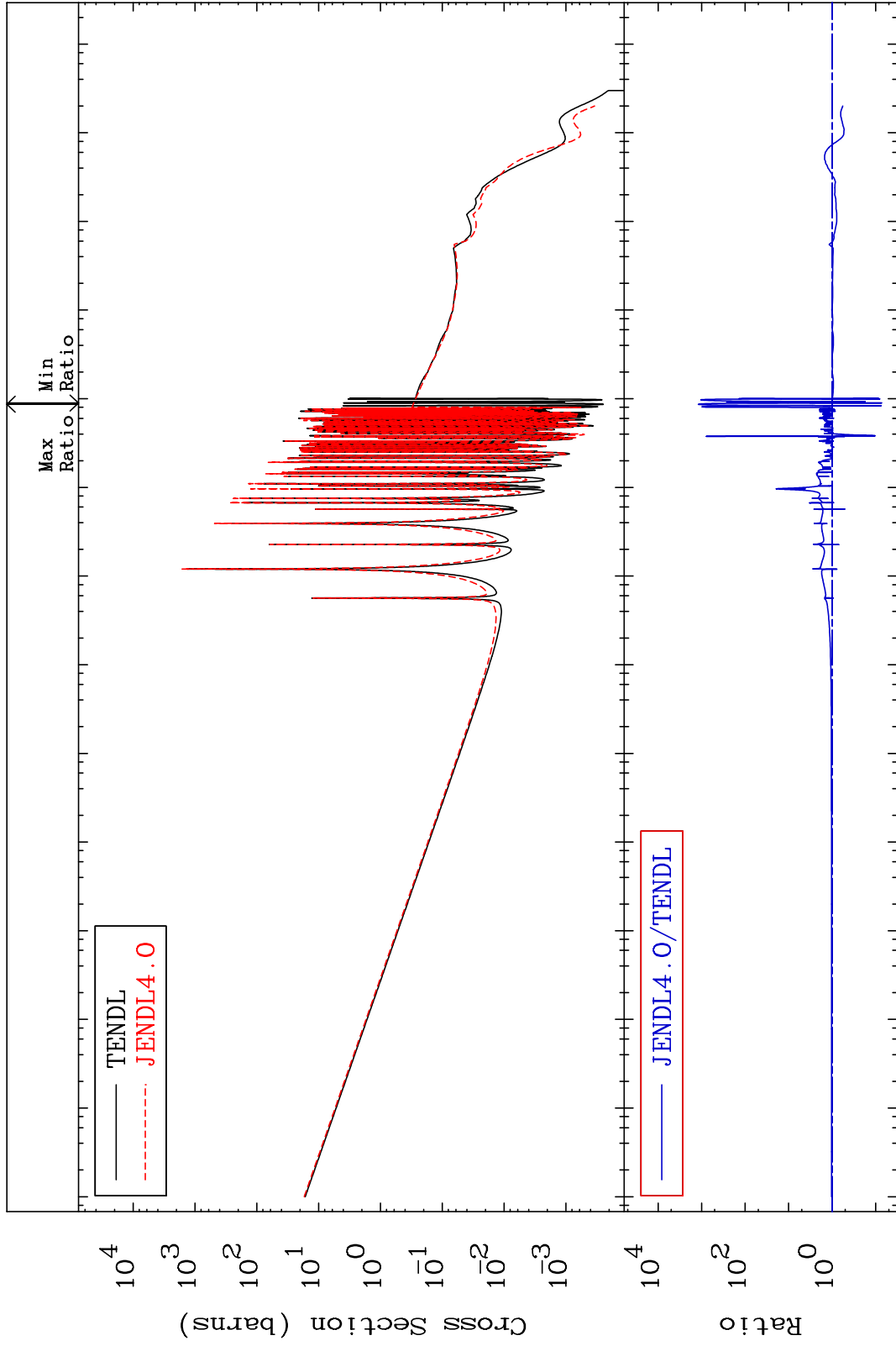
MAT 4849

(n, γ)

48-Cd-114

Cross Section

-92.67 To 9999. %



Incident Energy (eV)

39

48-Cd-114

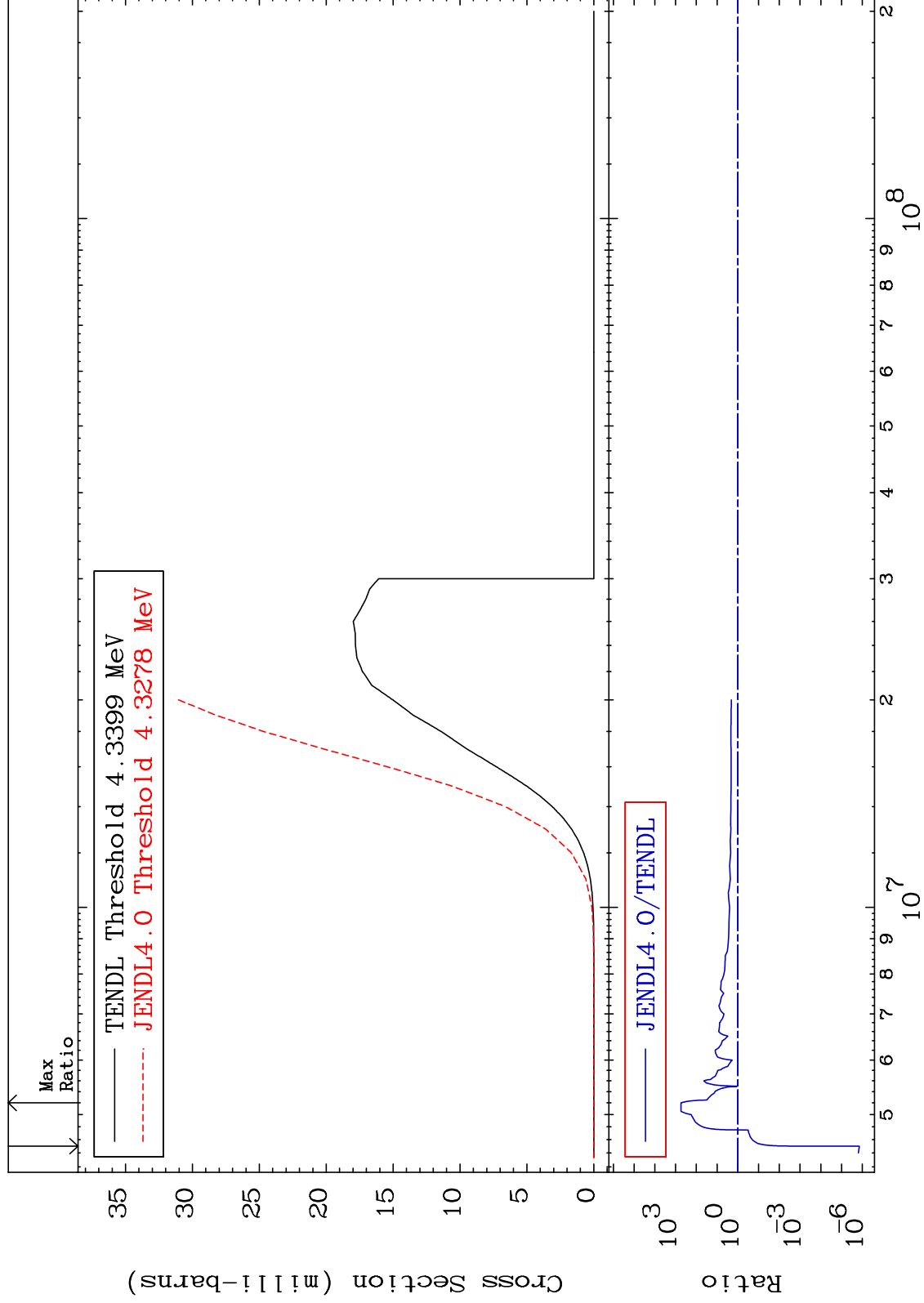
MAT 4849

(n,p)

48-Cd-114

Cross Section

-100.0 To 9999. %



40

Incident Energy (eV)

48-Cd-114

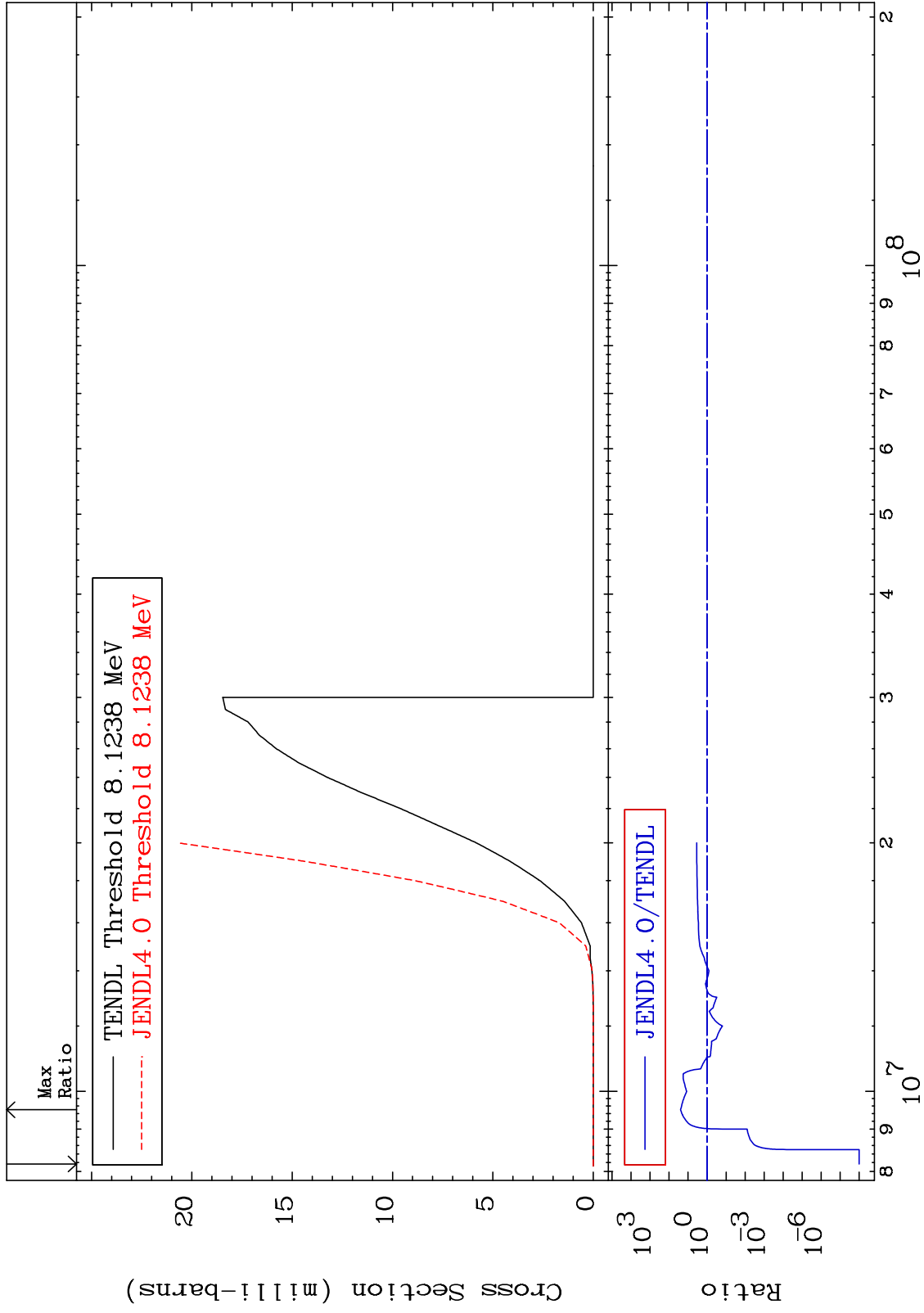
MAT 4849

(n,d)

48-Cd-114

Cross Section

-100.0 To 2367. %



41

Incident Energy (eV)

48-Cd-114

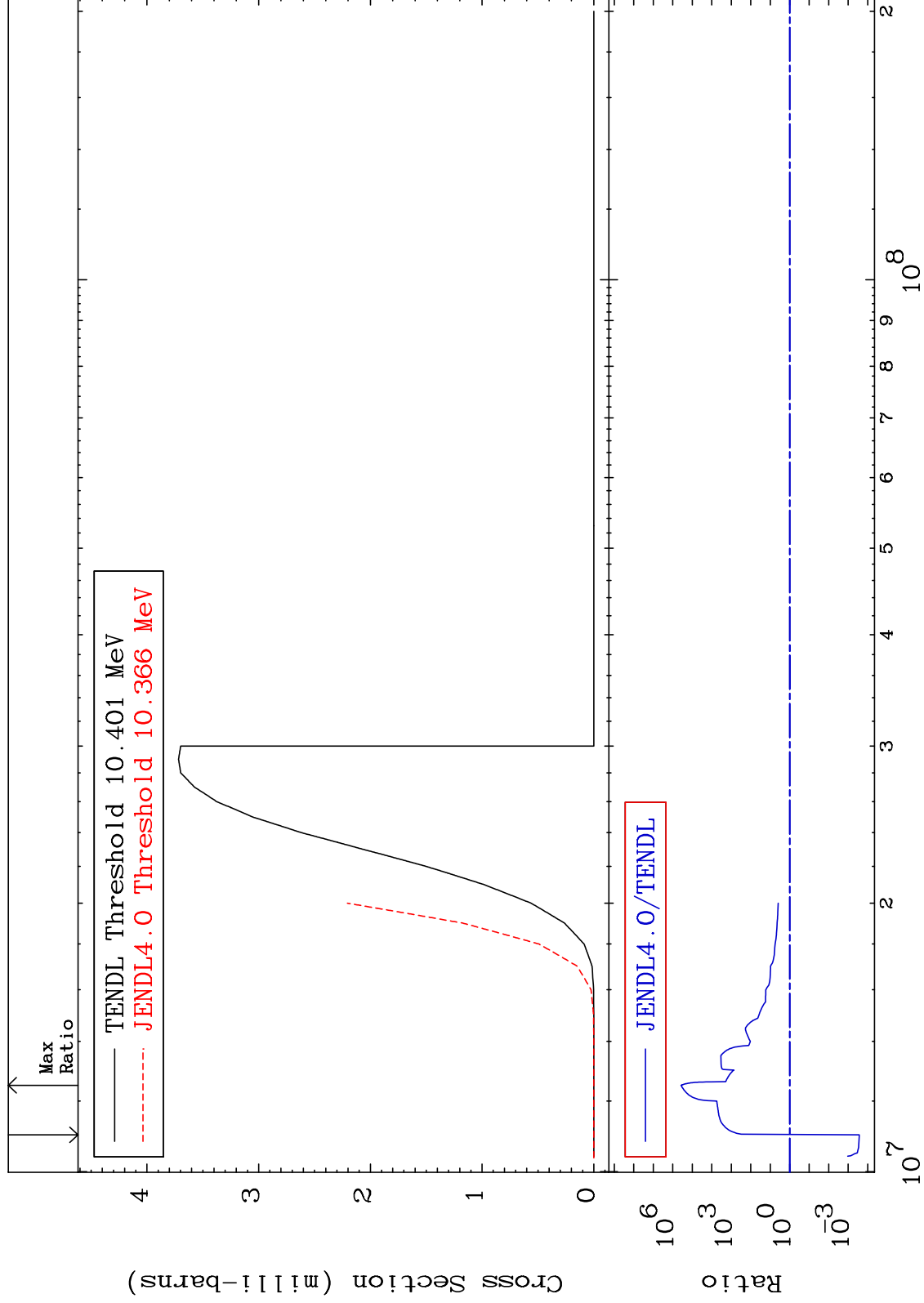
MAT 4849

(n, t)

48-Cd-114

Cross Section

-99.97 To 9999. %



42

Incident Energy (eV)

48-Cd-114

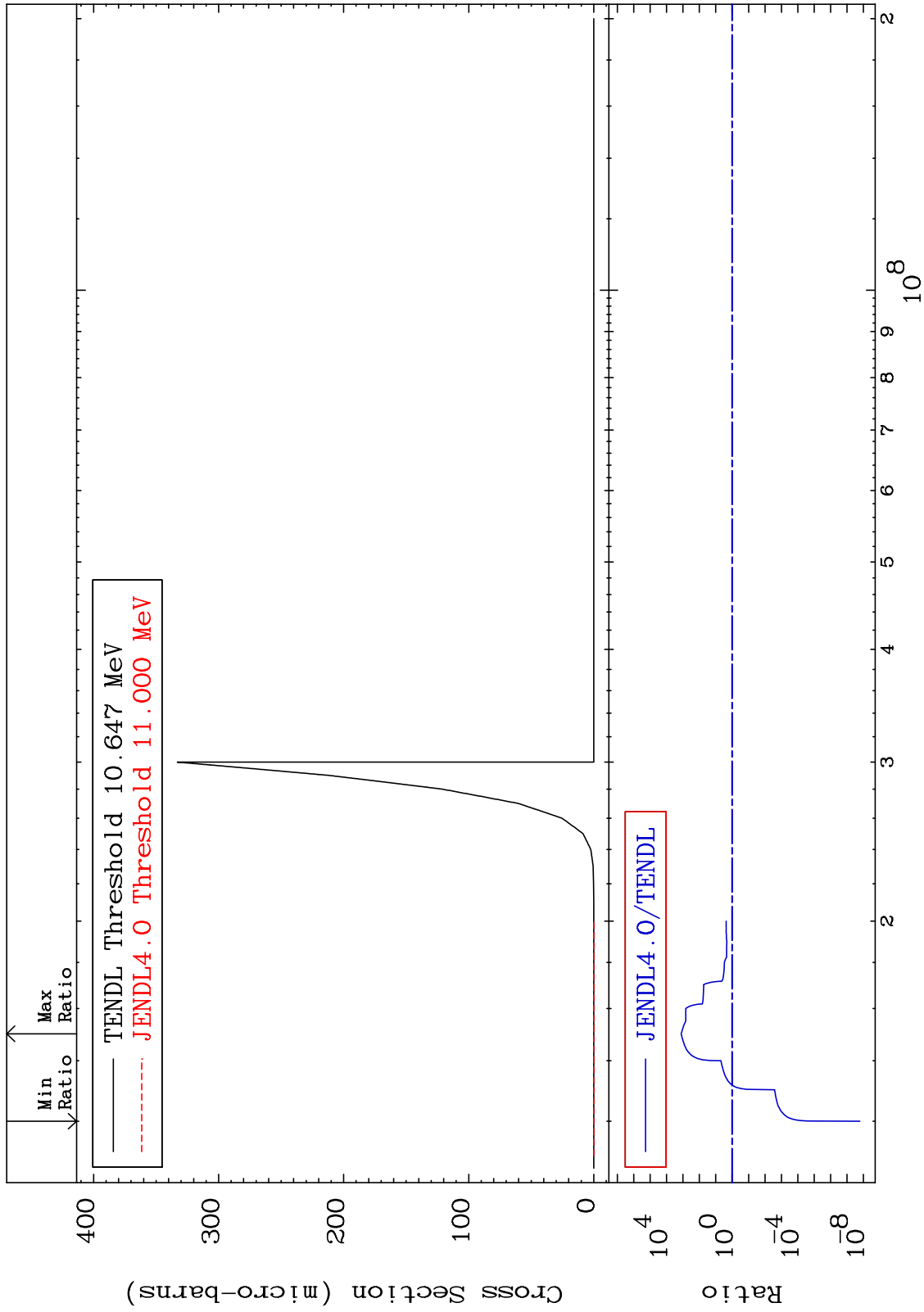
MAT 4849

(n, He-3)

48-Cd-114

Cross Section

-100.0 To 9999. %



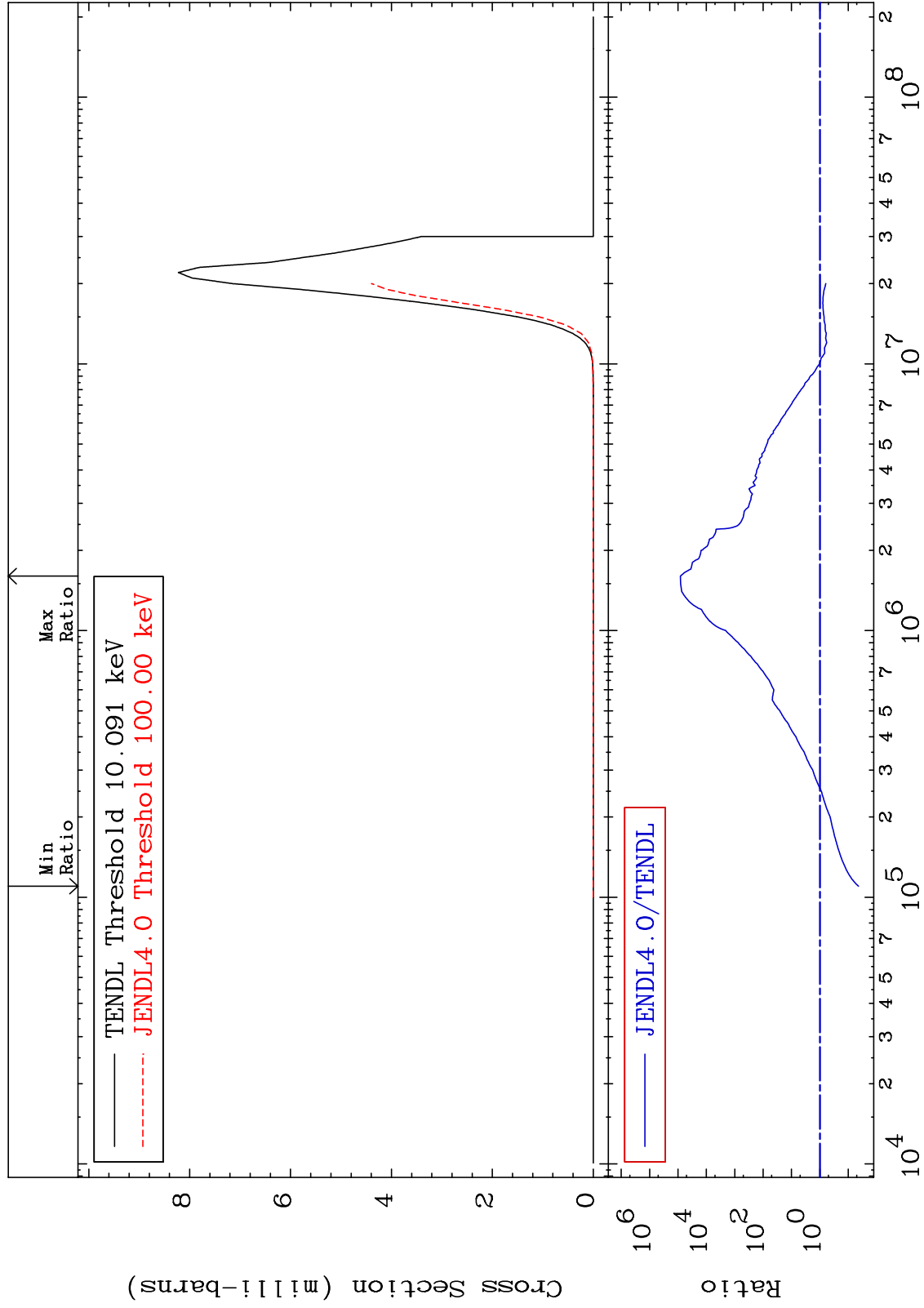
MAT 4849

(n, α)

48-Cd-114

-95.66 To 9999. %

Cross Section



44

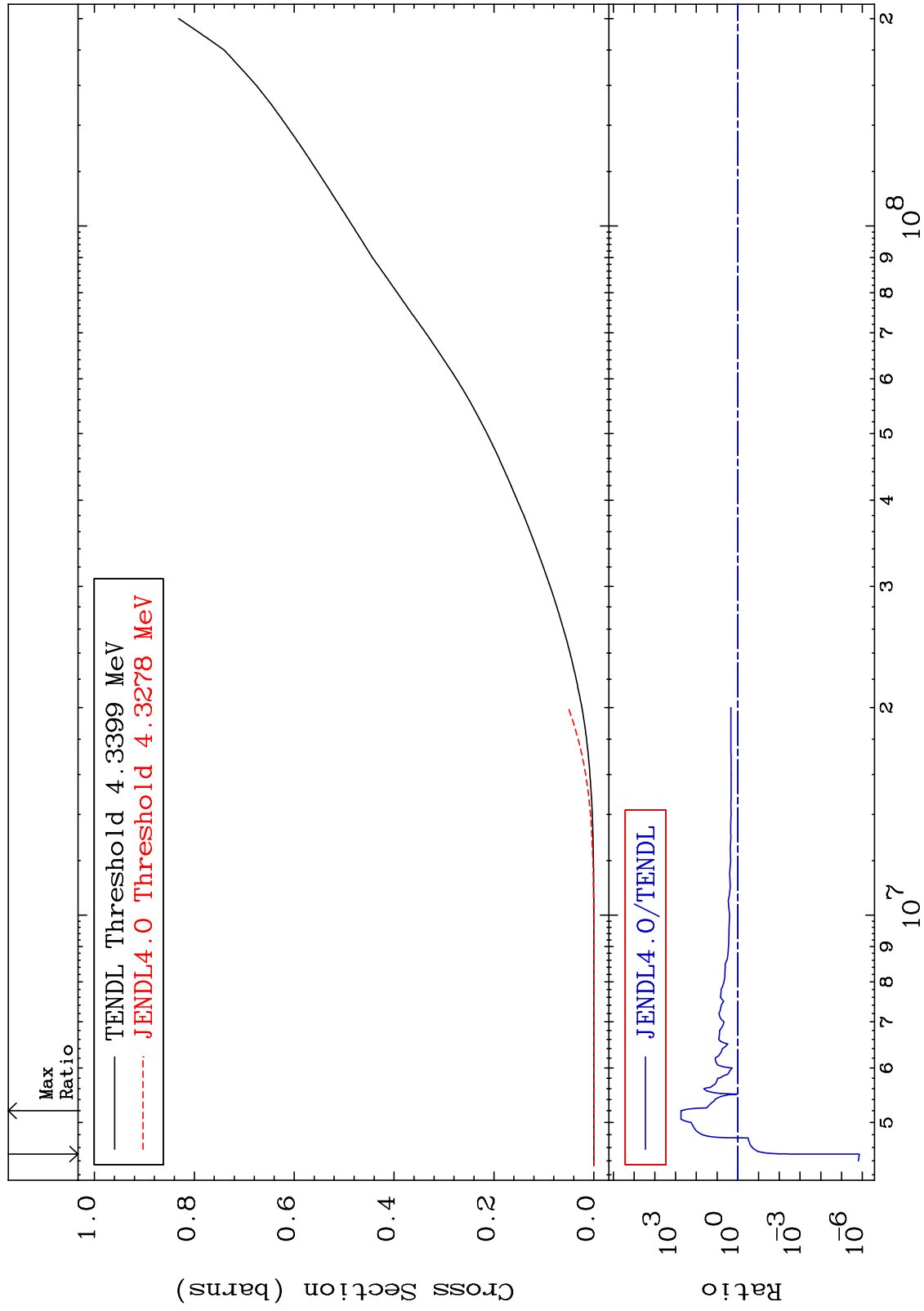
Incident Energy (eV)

48-Cd-114

MAT 4849

Hydrogen Production
Cross Section

48-Cd-114
-100.0 To 9999. %



45

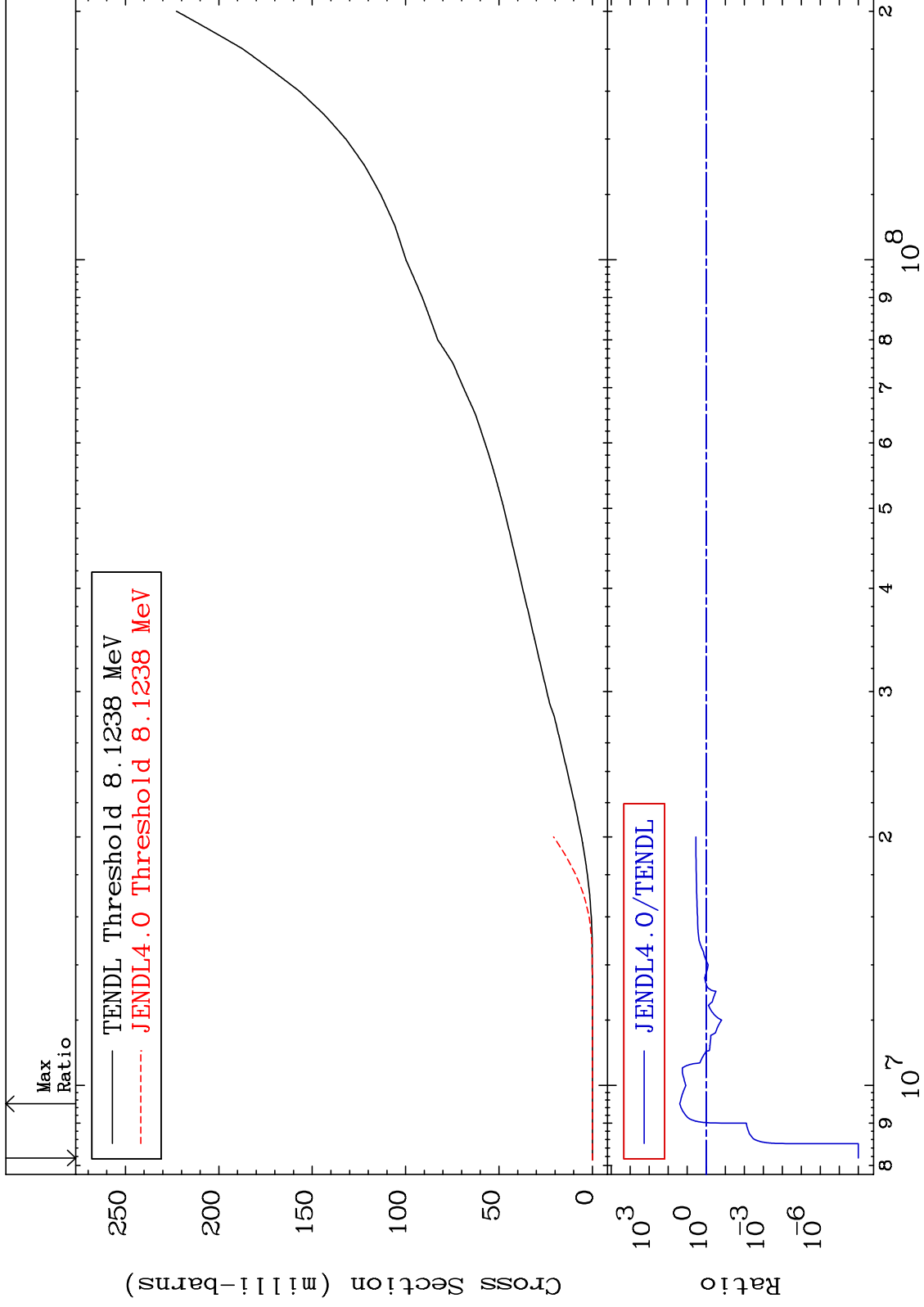
Incident Energy (eV)

48-Cd-114

MAT 4849

Deuterium Production
Cross Section

48-Cd-114
-100.0 To 2367. %



46

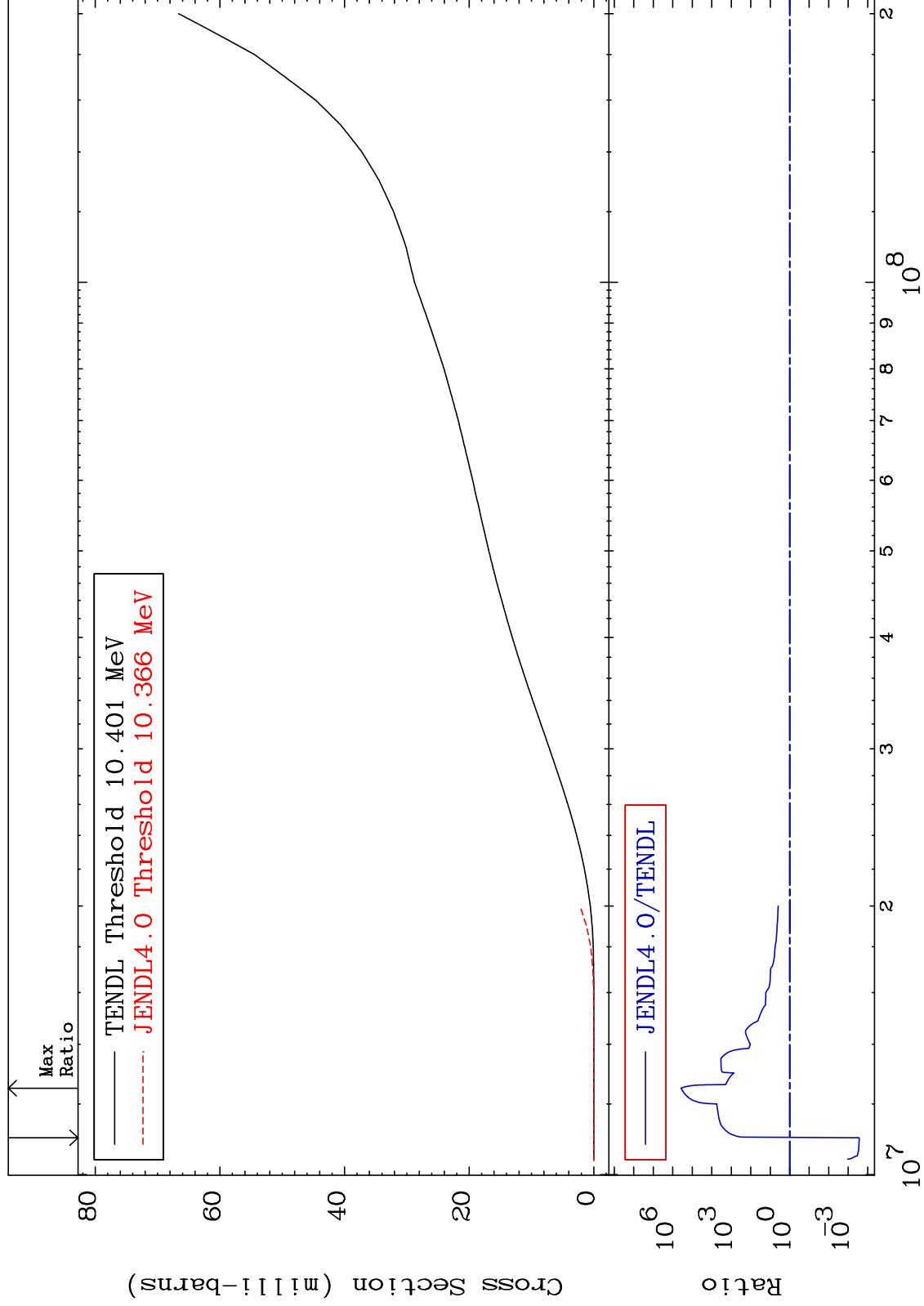
Incident Energy (eV)

48-Cd-114

MAT 4849

Tritium Production
Cross Section

48-Cd-114
-99.97 To 9999. %



48-Cd-114

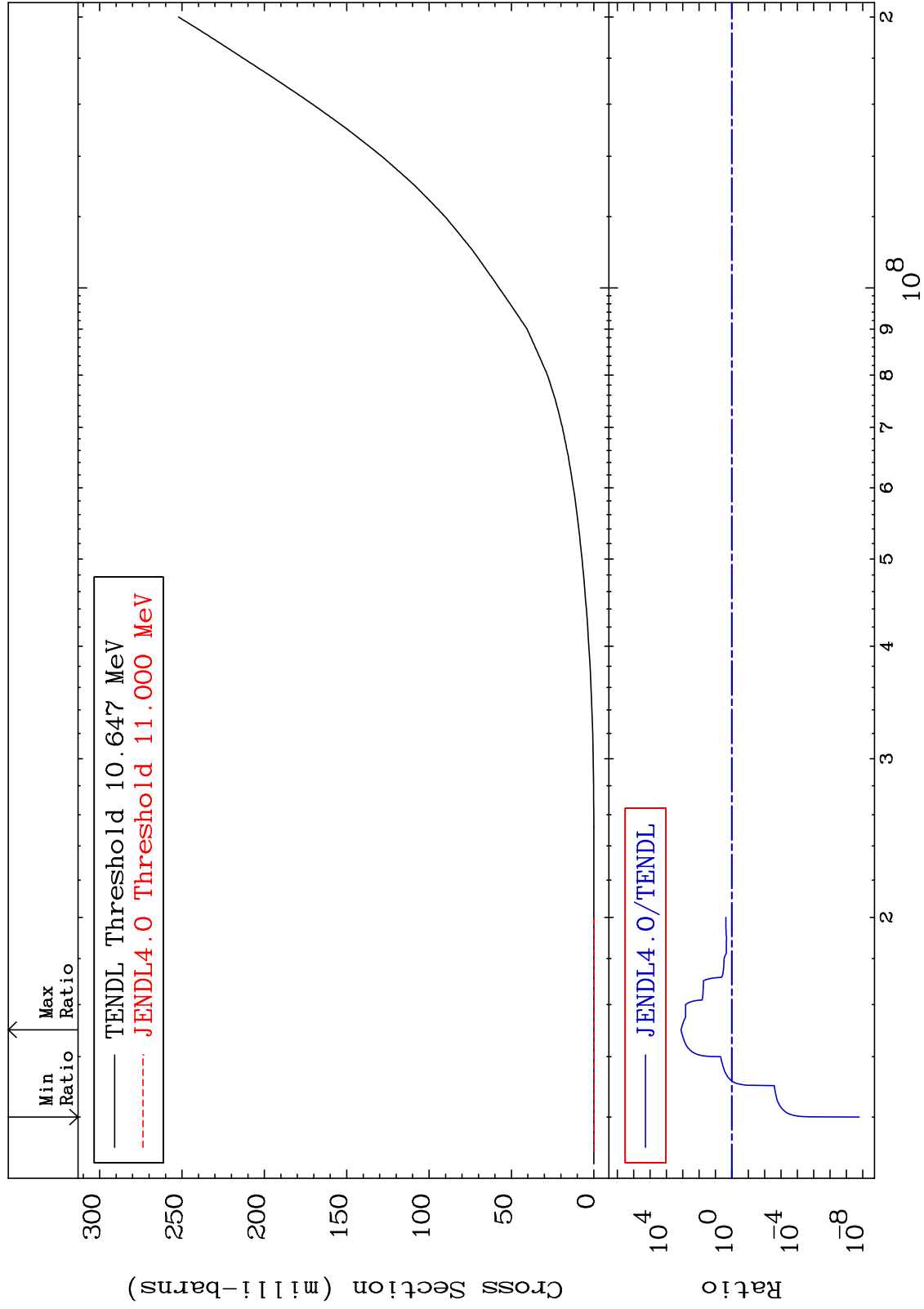
Incident Energy (eV)

47

MAT 4849

He-3 Production
Cross Section

48-Cd-114
-100.0 To 9999. %



48

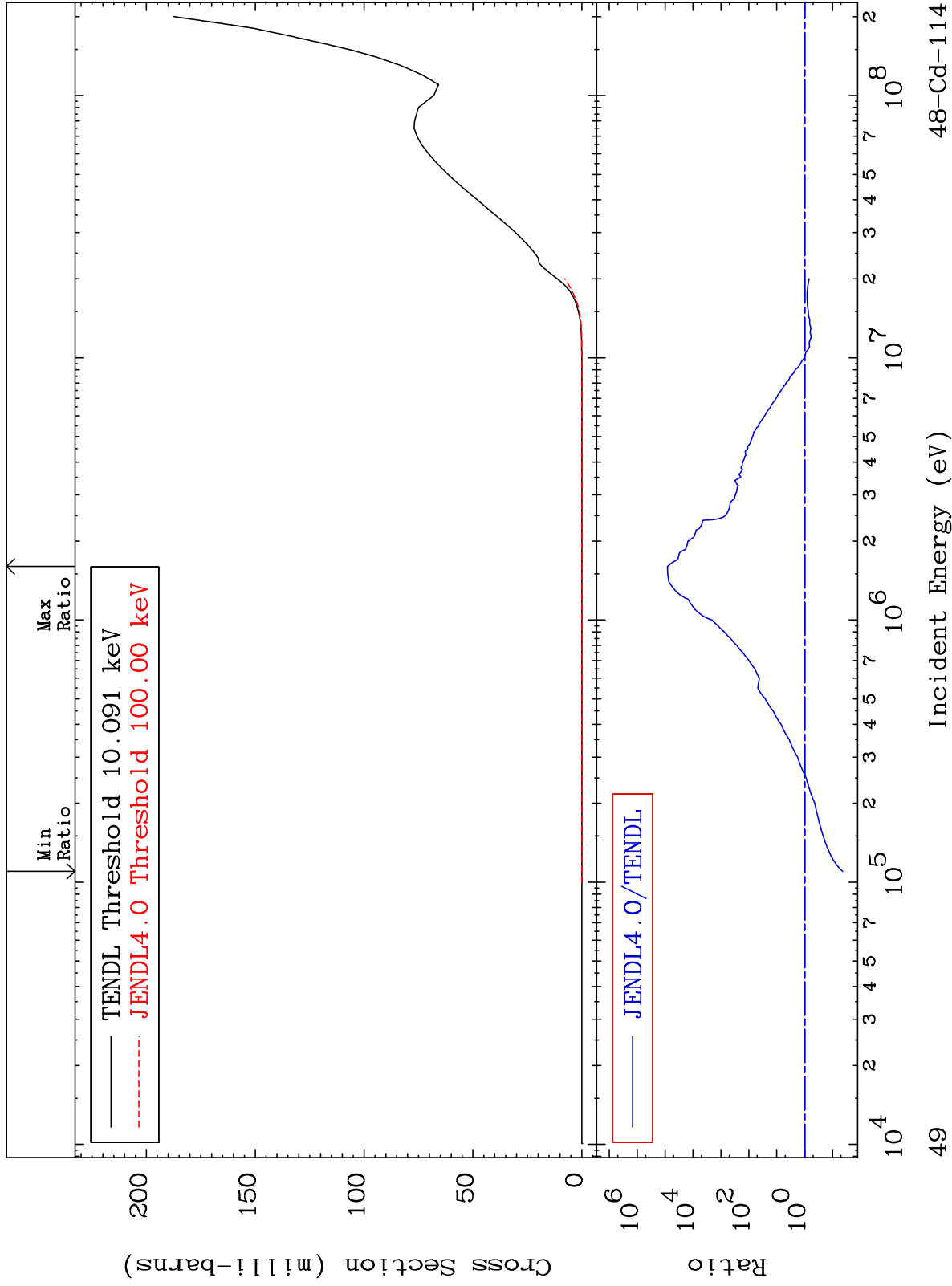
Incident Energy (eV)

48-Cd-114

MAT 4849

He-4 Production
Cross Section

48-Cd-114
-95.66 To 9999. %

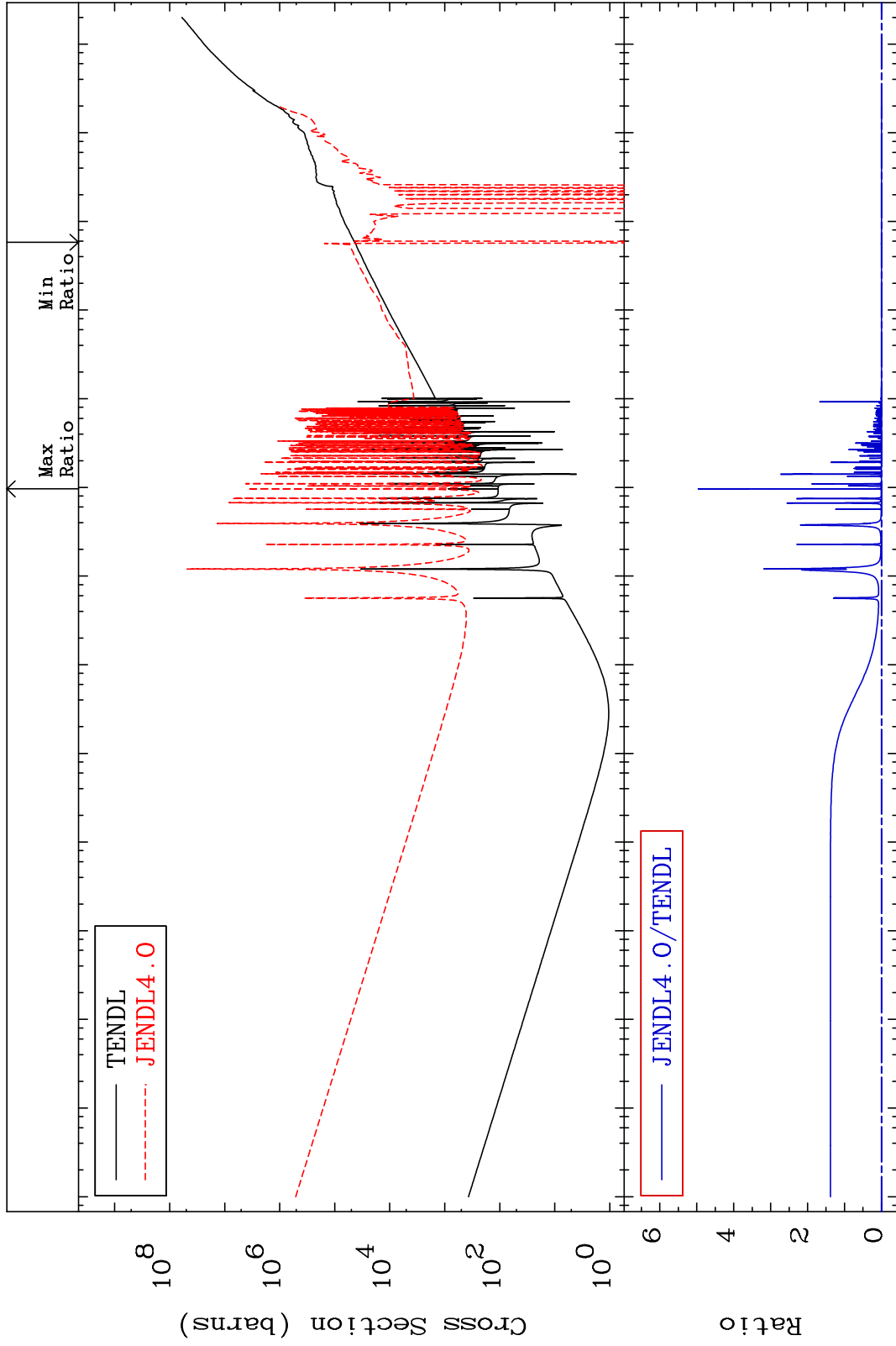


48-Cd-114

MAT 4849

Kerma total (eV-barns)
Cross Section

48-Cd-114
-327.4 To 9999. %



50

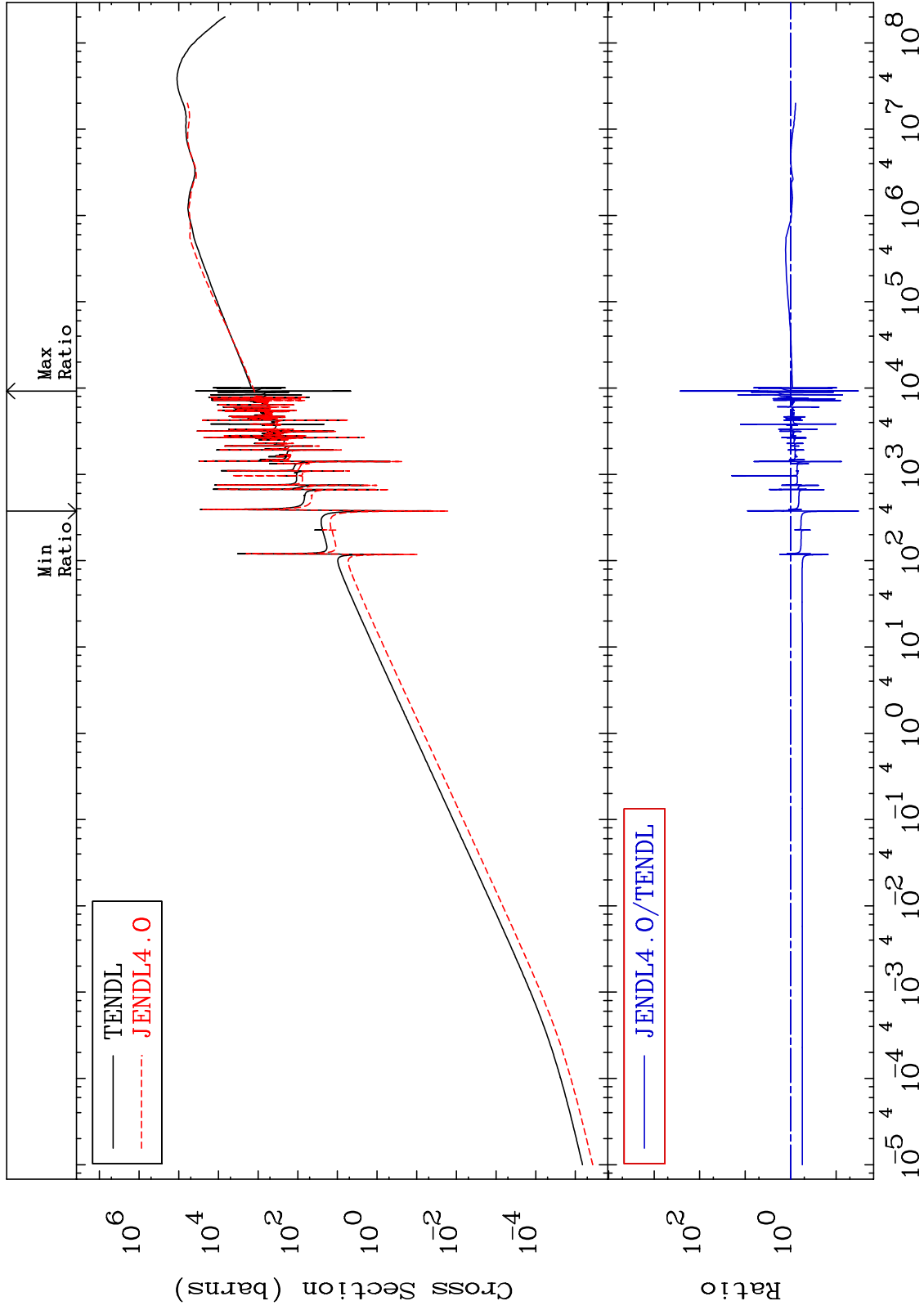
Incident Energy (eV)

48-Cd-114

MAT 4849

Kerma elastic
Cross Section

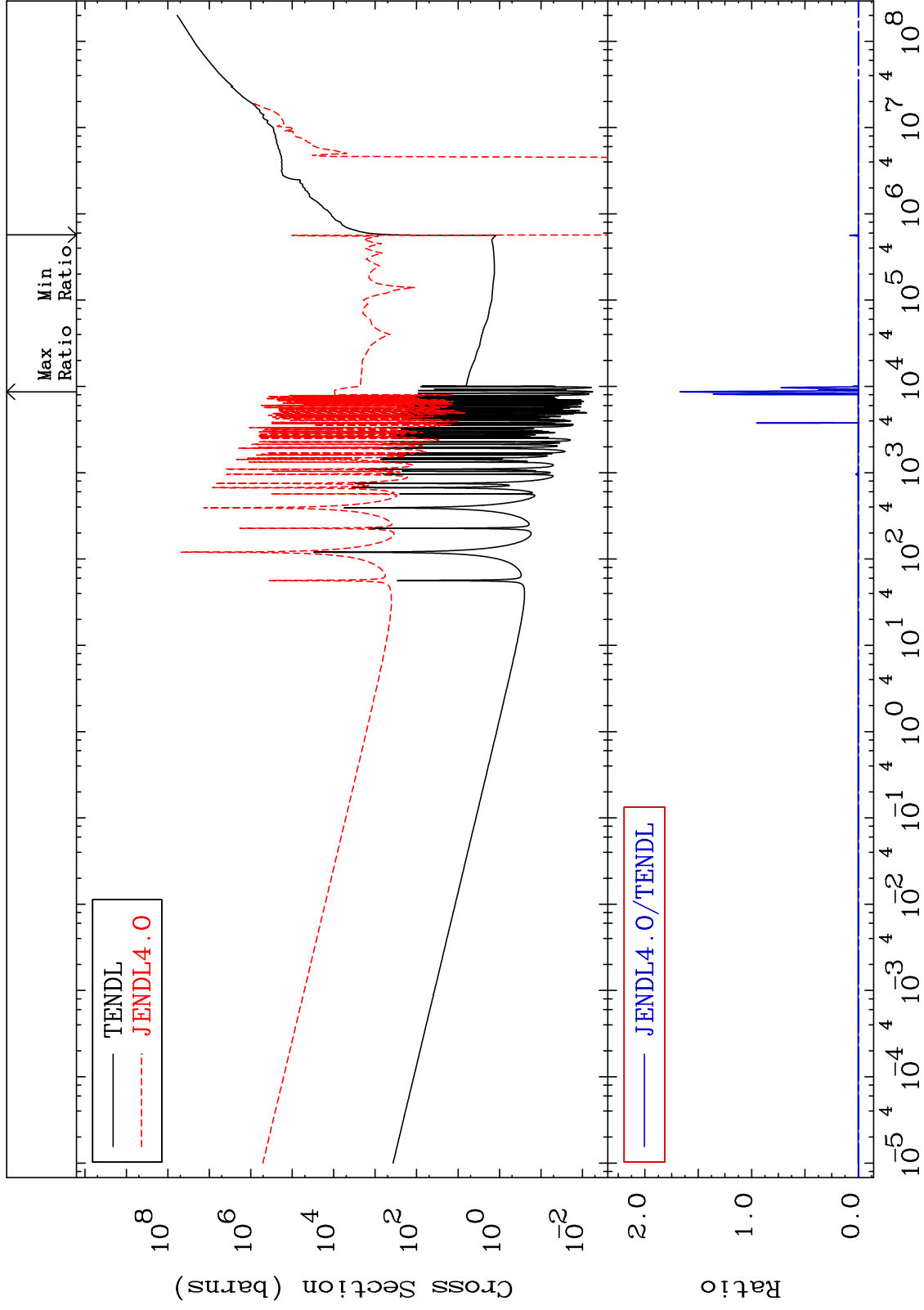
48-Cd-114
-96.77 To 9999. %



MAT 4849

Kerma non-elastic (all but mt2)
Cross Section

48-Cd-114
-9999. To 9999. %



52

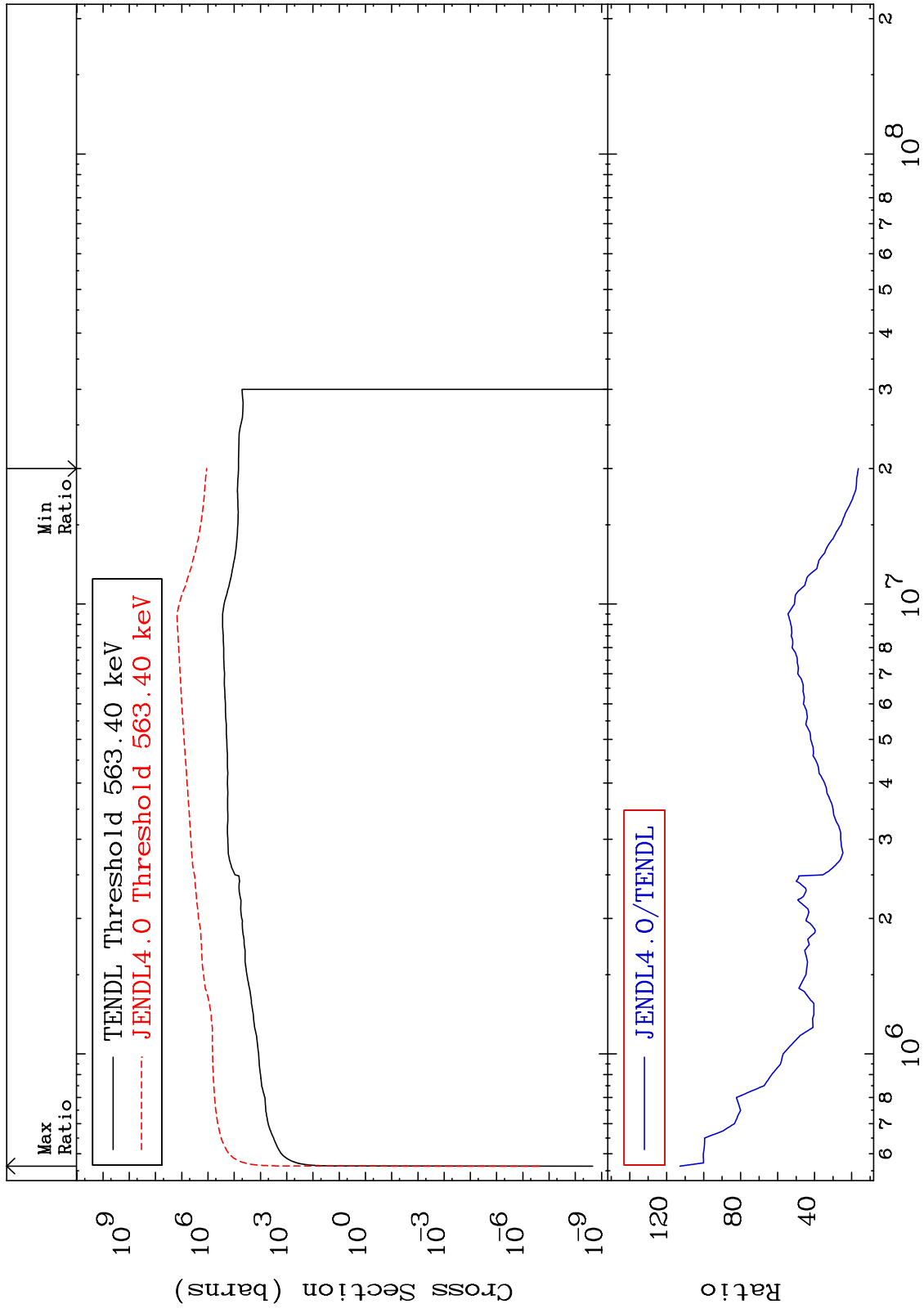
Incident Energy (eV)

48-Cd-114

MAT 4849

Kerma inelastic (mt51-91)
Cross Section

48-Cd-114
1529. To 9999. %



53

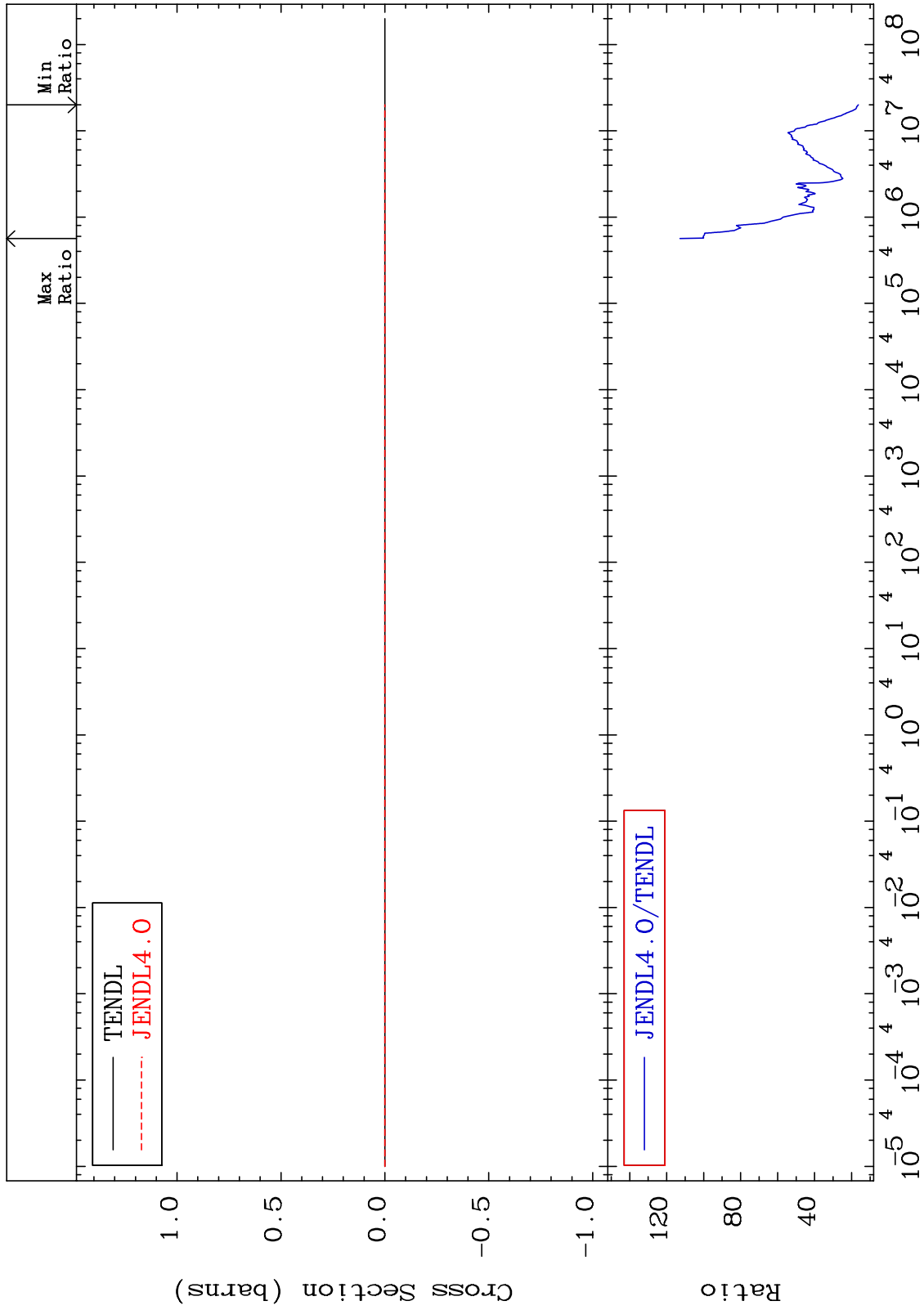
Incident Energy (eV)

48-Cd-114

MAT 4849

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

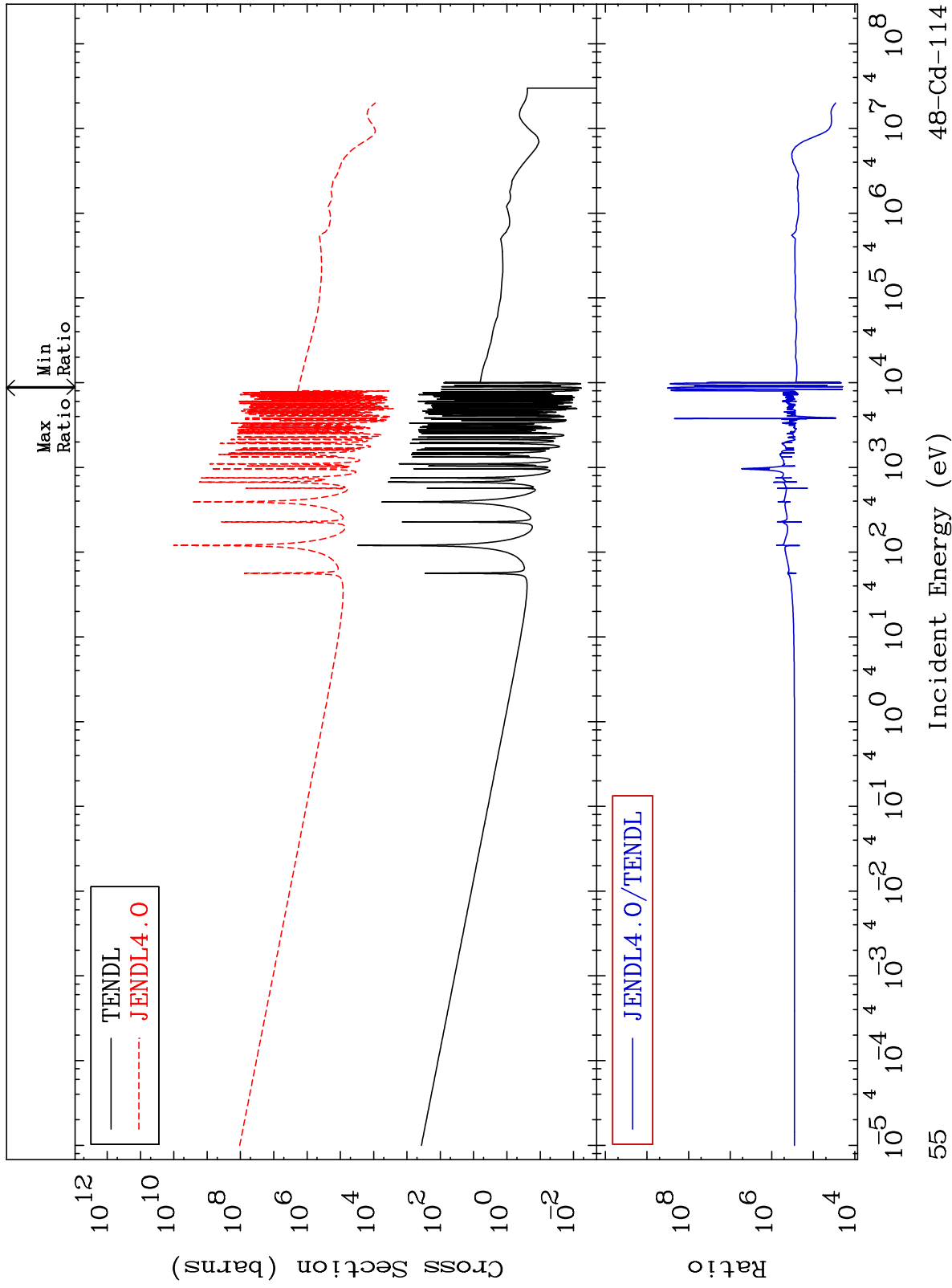
48-Cd-114
1529. To 9999. %



MAT 4849

Kerma capture (mt102)
Cross Section

48-Cd-114
9999. To 9999. %



55

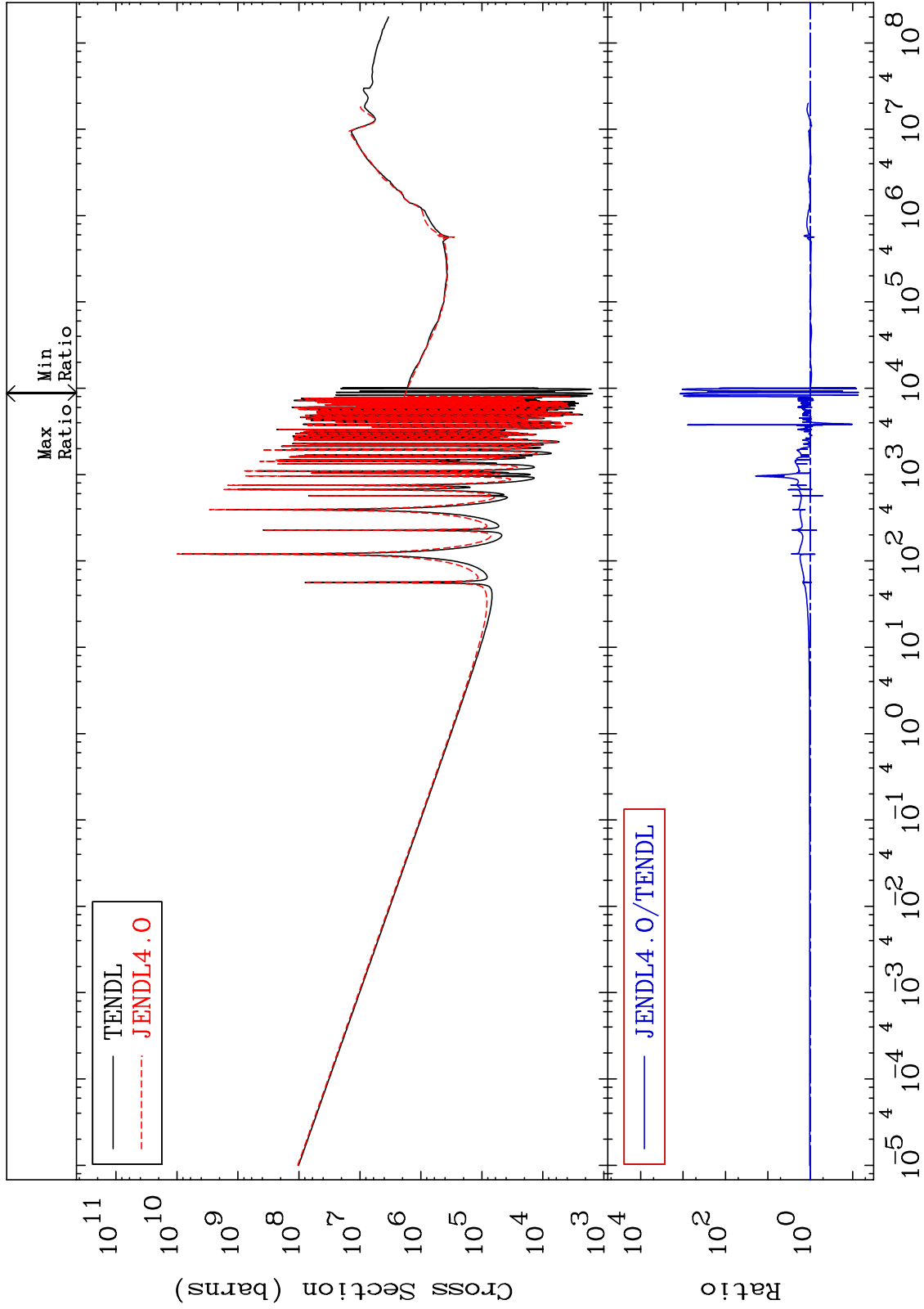
Incident Energy (eV)

48-Cd-114

MAT 4849

Total photon (eV-barns)
Cross Section

48-Cd-114
-92.71 To 9999. %



56

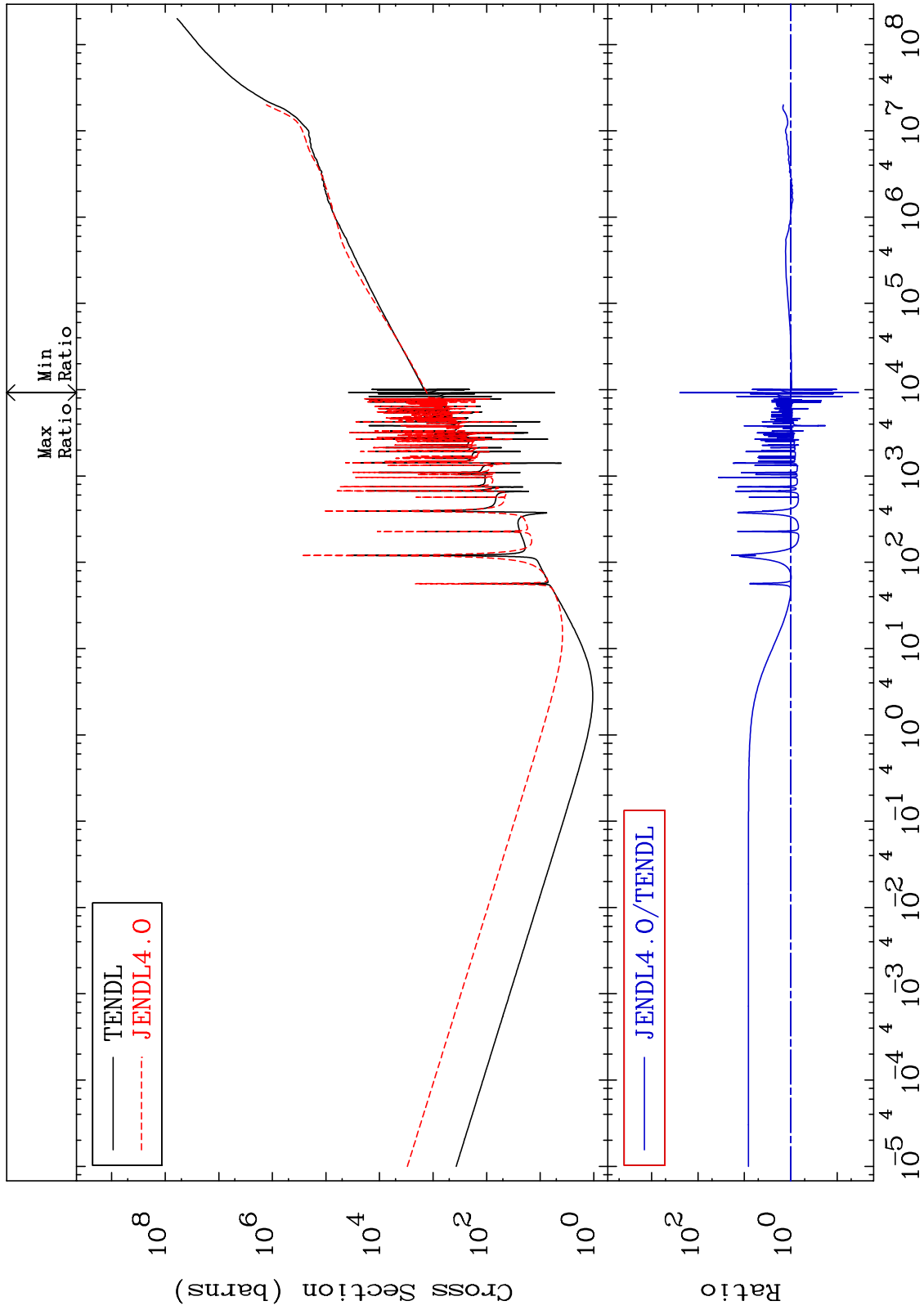
Incident Energy (eV)

48-Cd-114

MAT 4849

Total kinematic kerma (high limit)
Cross Section

48-Cd-114
-96.52 To 9999. %



57

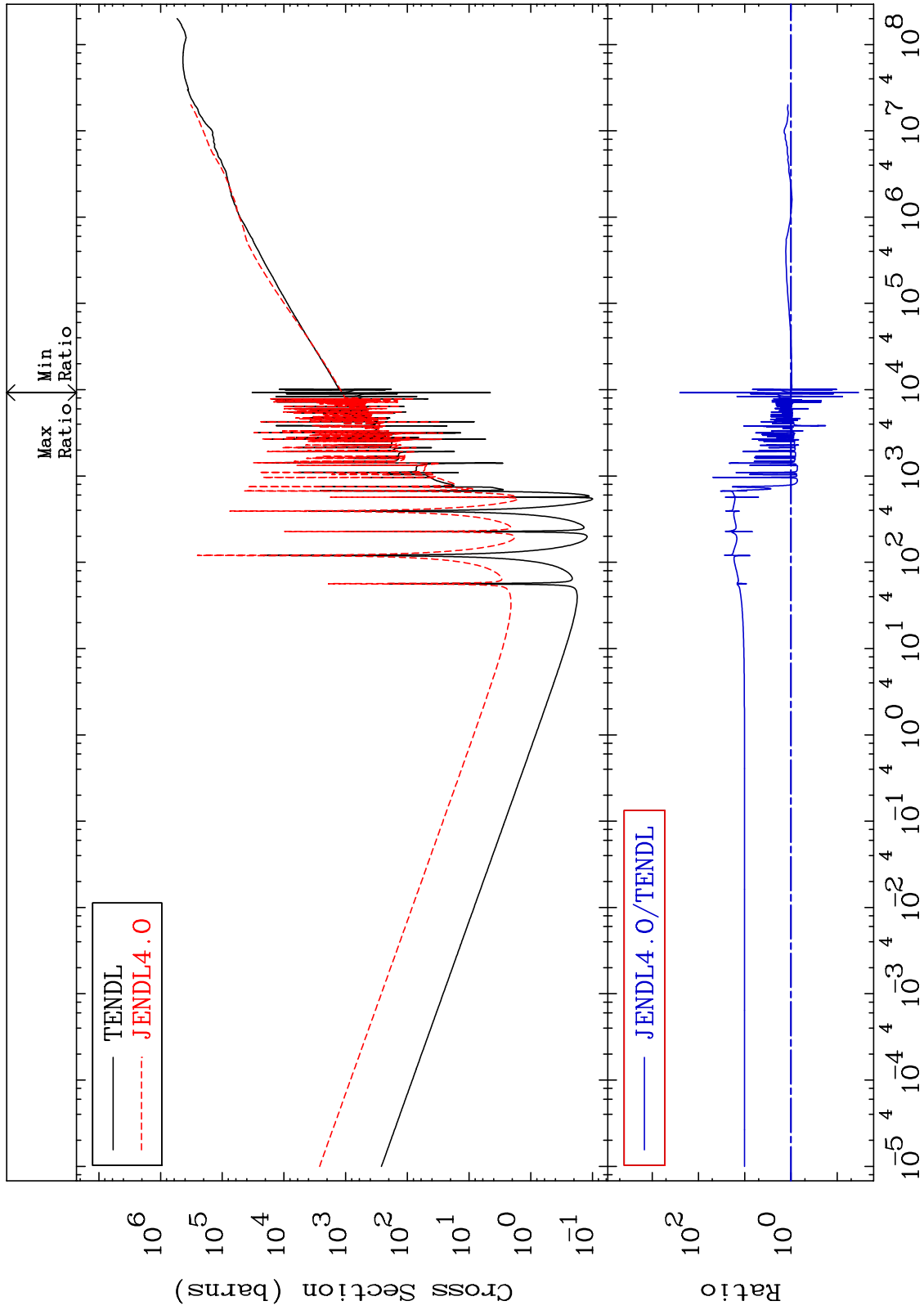
Incident Energy (eV)

48-Cd-114

MAT 4849

Dpa total (eV-barns)
Cross Section

48-Cd-114
-96.52 To 9999. %



58

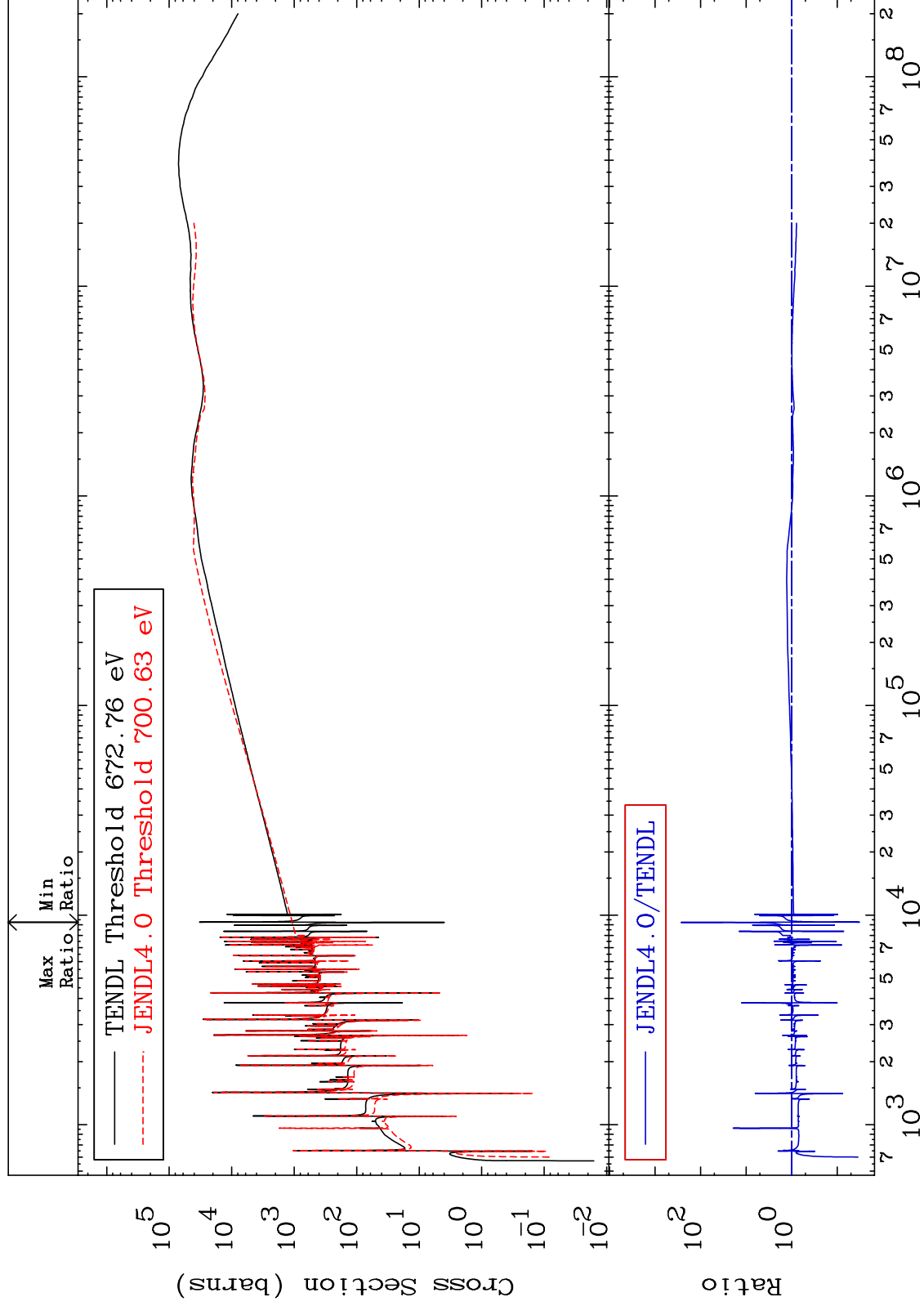
Incident Energy (eV)

48-Cd-114

MAT 4849

Dpa elastic (mt2)
Cross Section

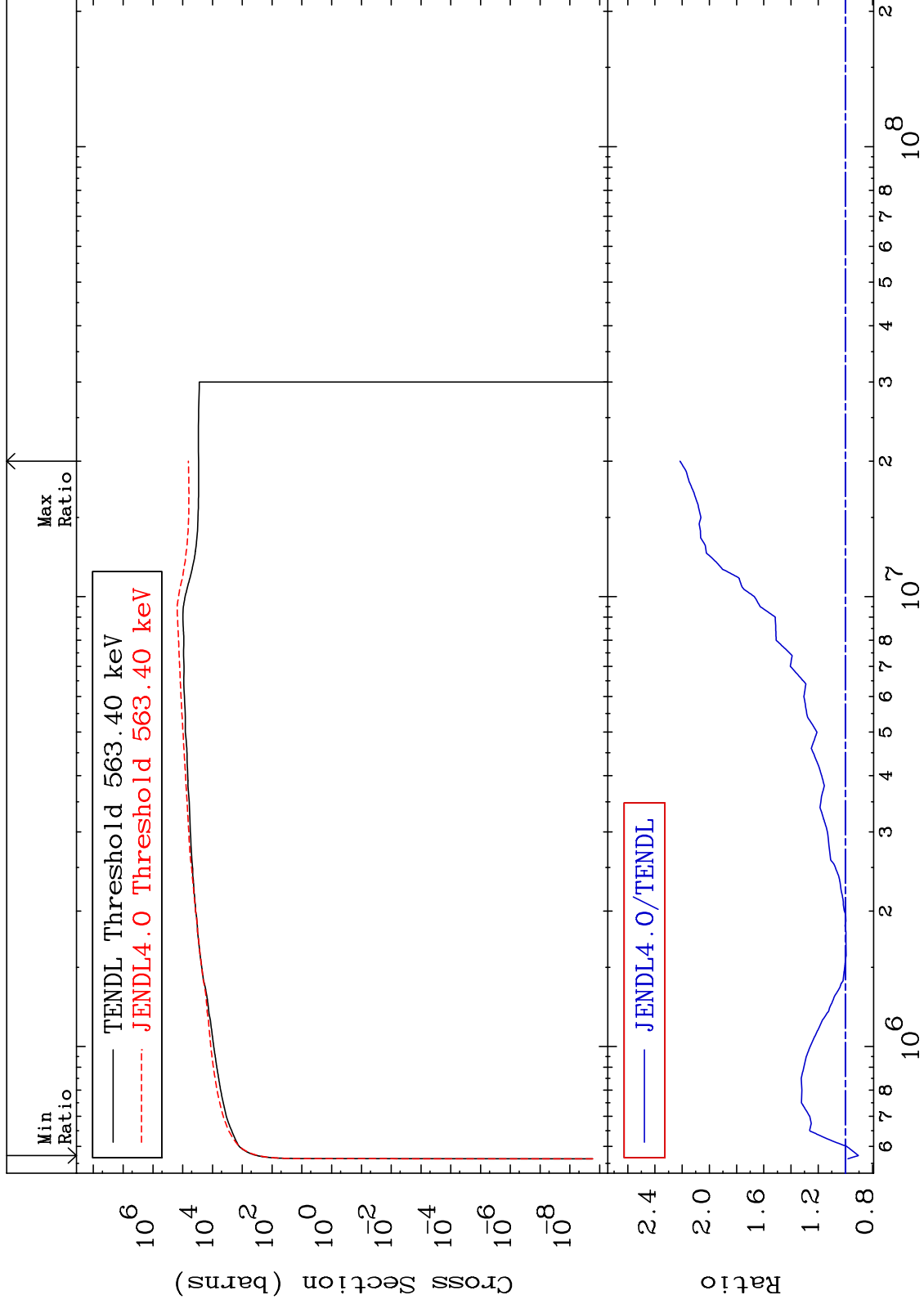
48-Cd-114
-96.71 To 9999. %



MAT 4849

Dpa inelastic (mt51-91)
Cross Section

48-Cd-114
-9.573 To 121.6 %



60

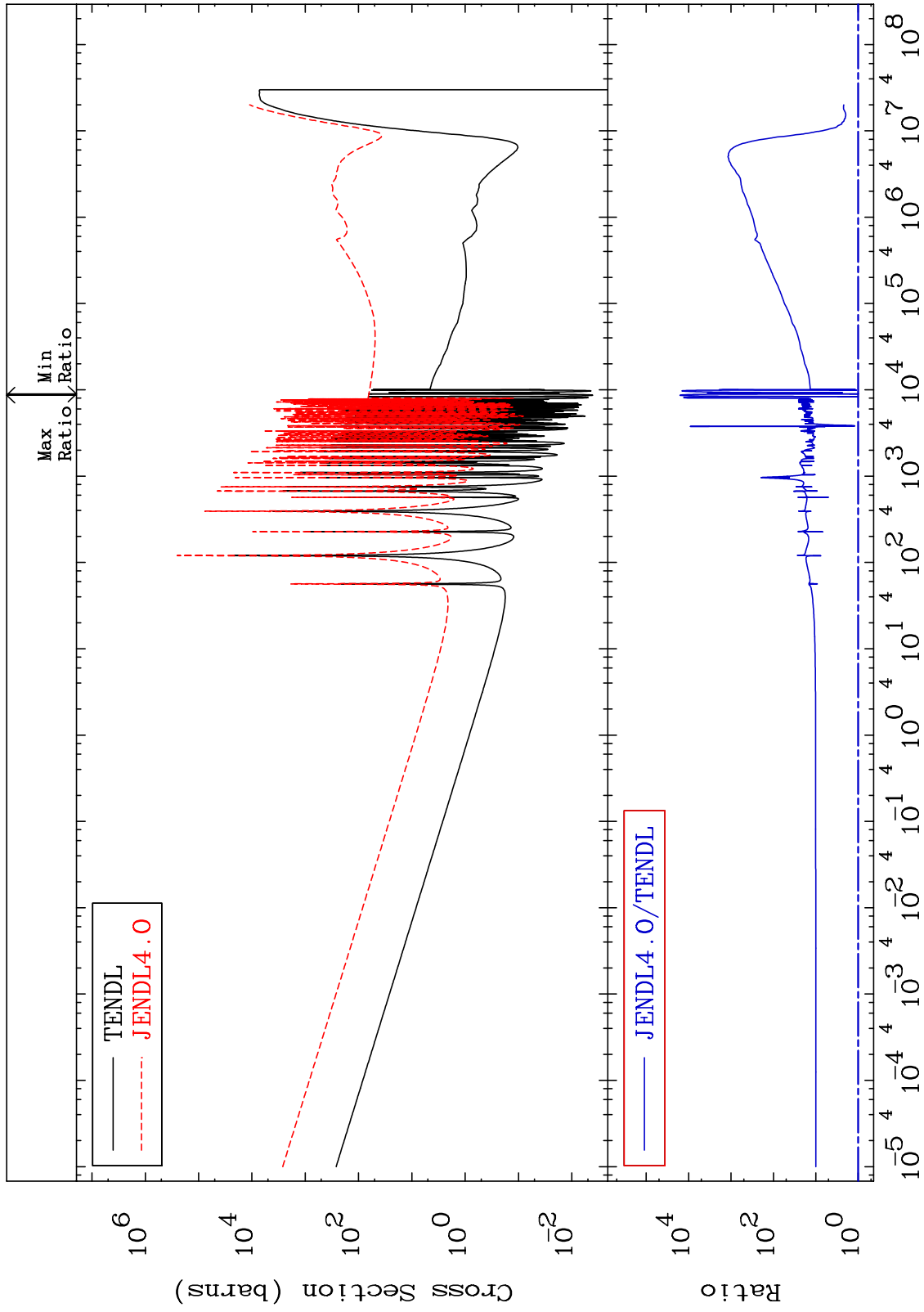
Incident Energy (eV)

48-Cd-114

MAT 4849

Dpa disappearance (mt102 -120)
Cross Section

48-Cd-114
-1.042 To 9999. %



61

Incident Energy (eV)

48-Cd-114