

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

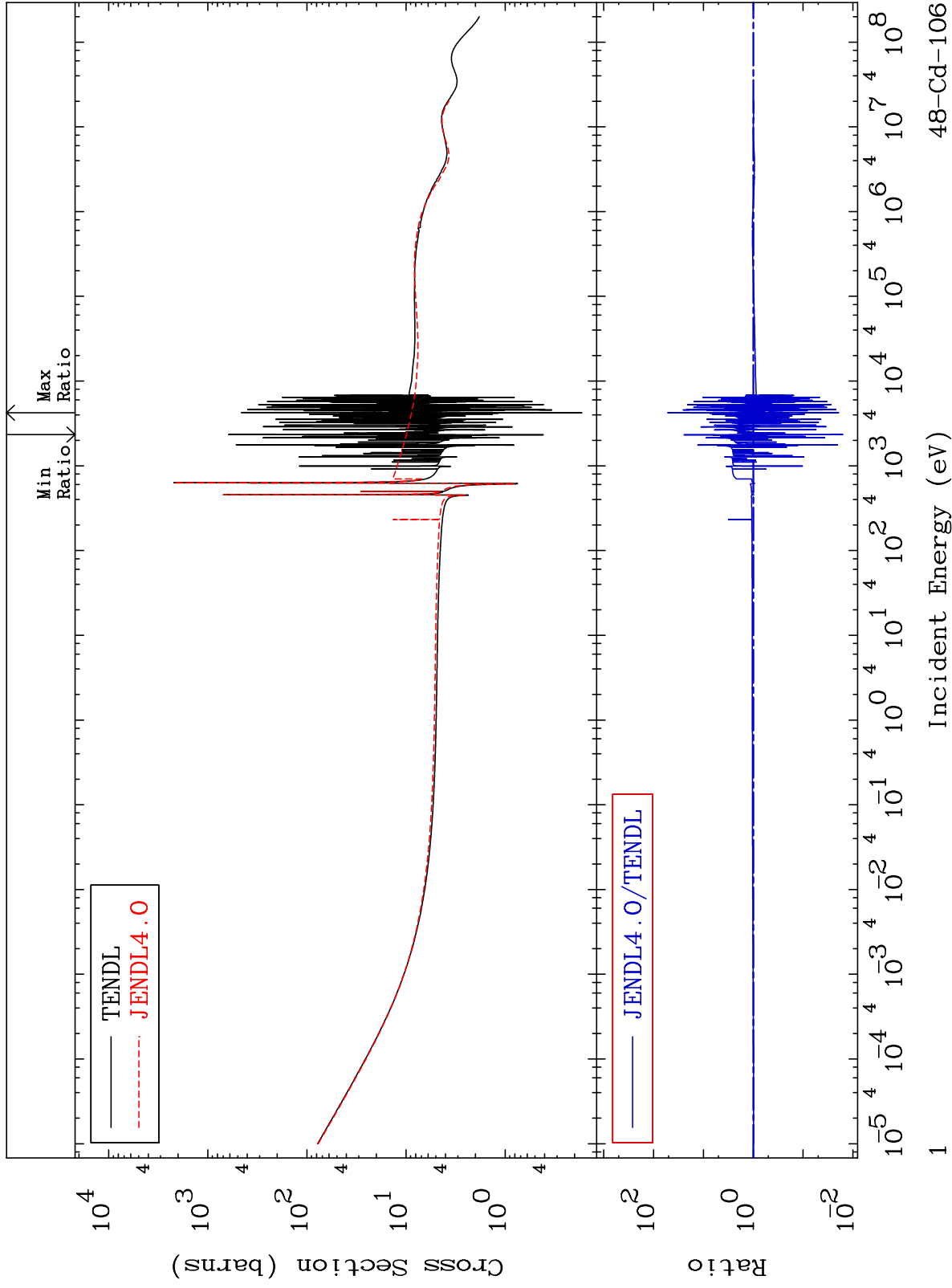
MAT 4825

Total

48-Cd-106

Cross Section

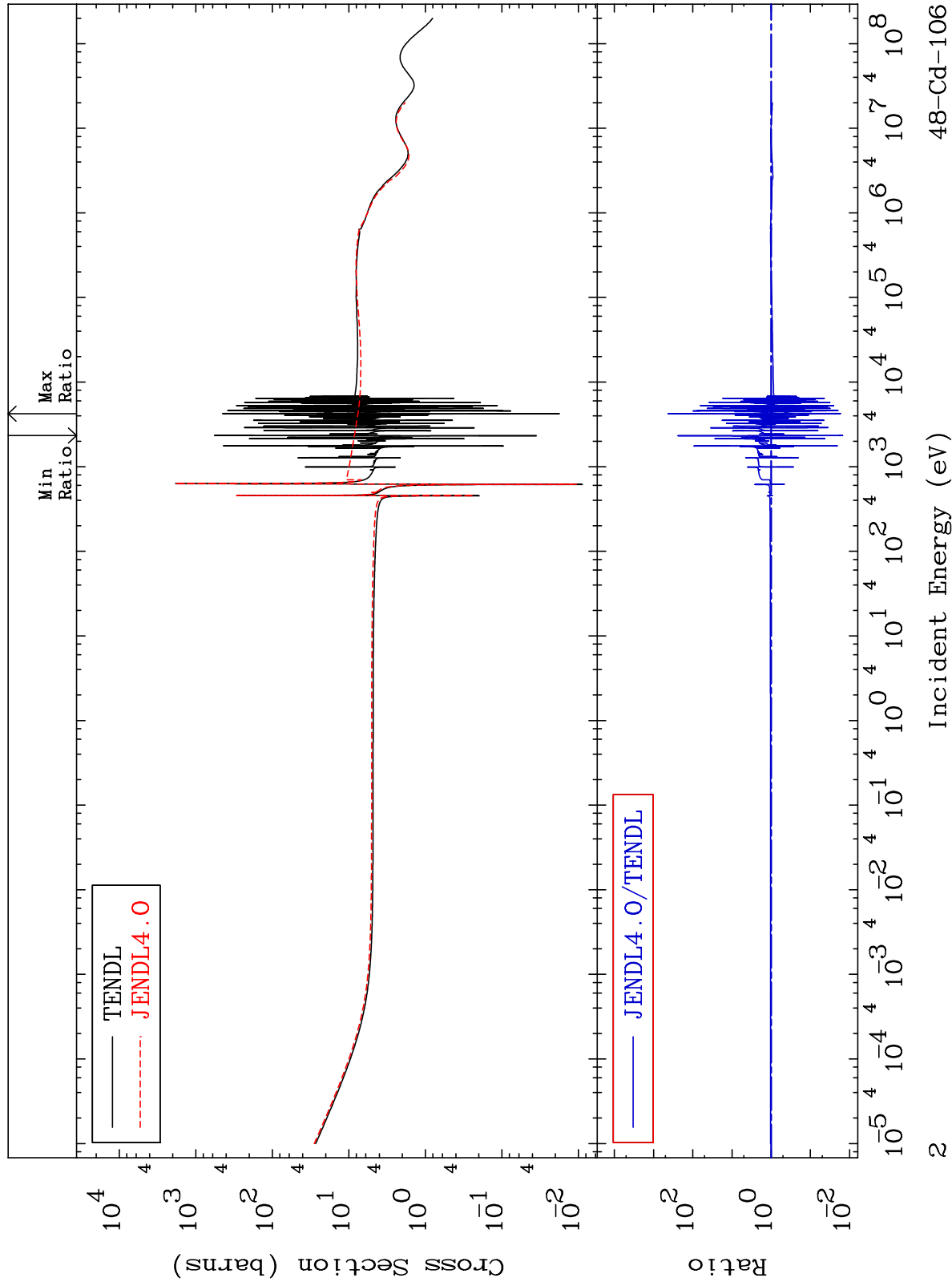
-98.39 To 5127. %



MAT 4825

Elastic
Cross Section

48-Cd-106
-98.51 To 9999. %



48-Cd-106

Incident Energy (eV)

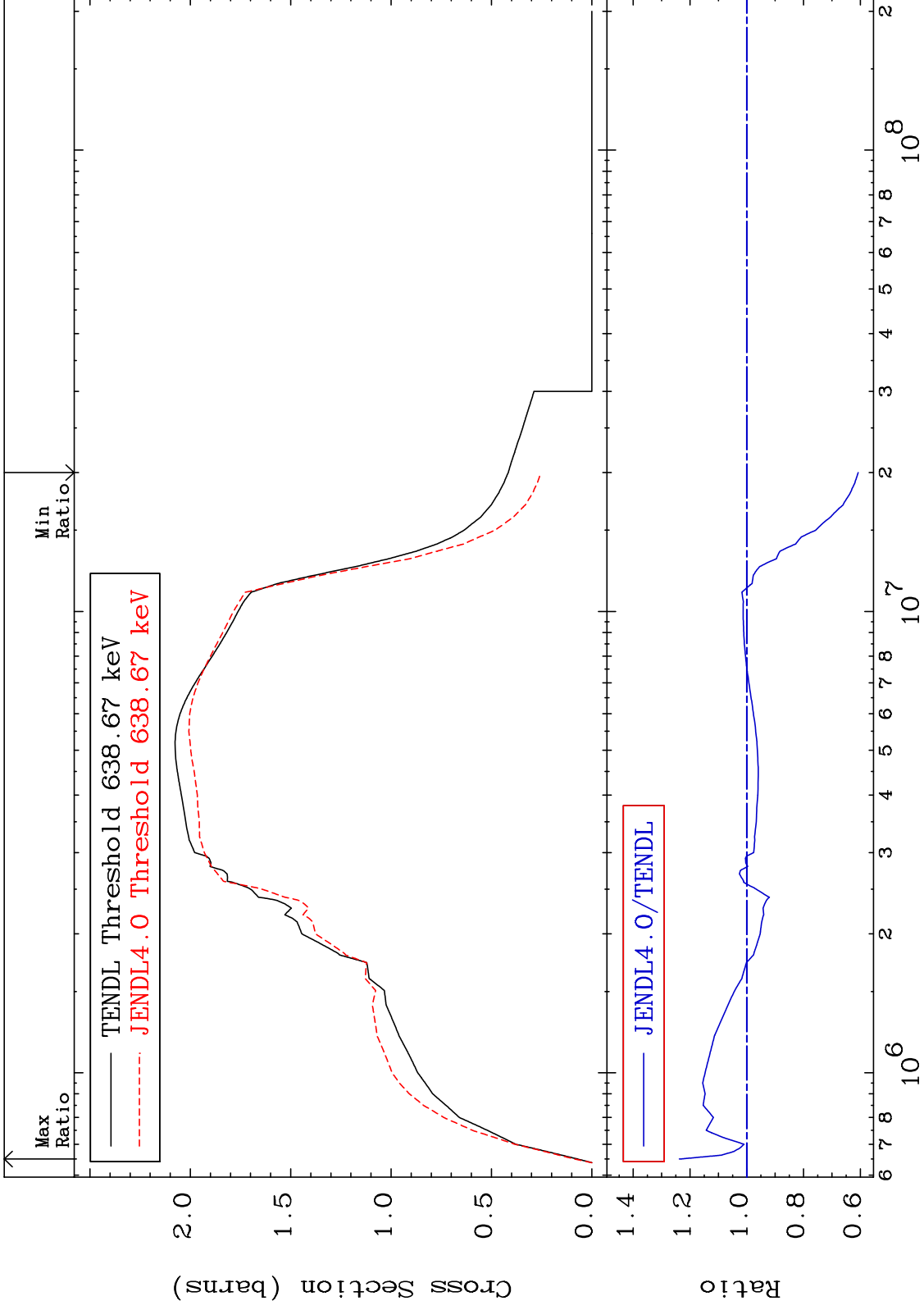
MAT 4825

Inelastic

48-Cd-106

Cross Section

-39.27 To 23.76 %



Incident Energy (eV)

48-Cd-106

3

MAT 4825

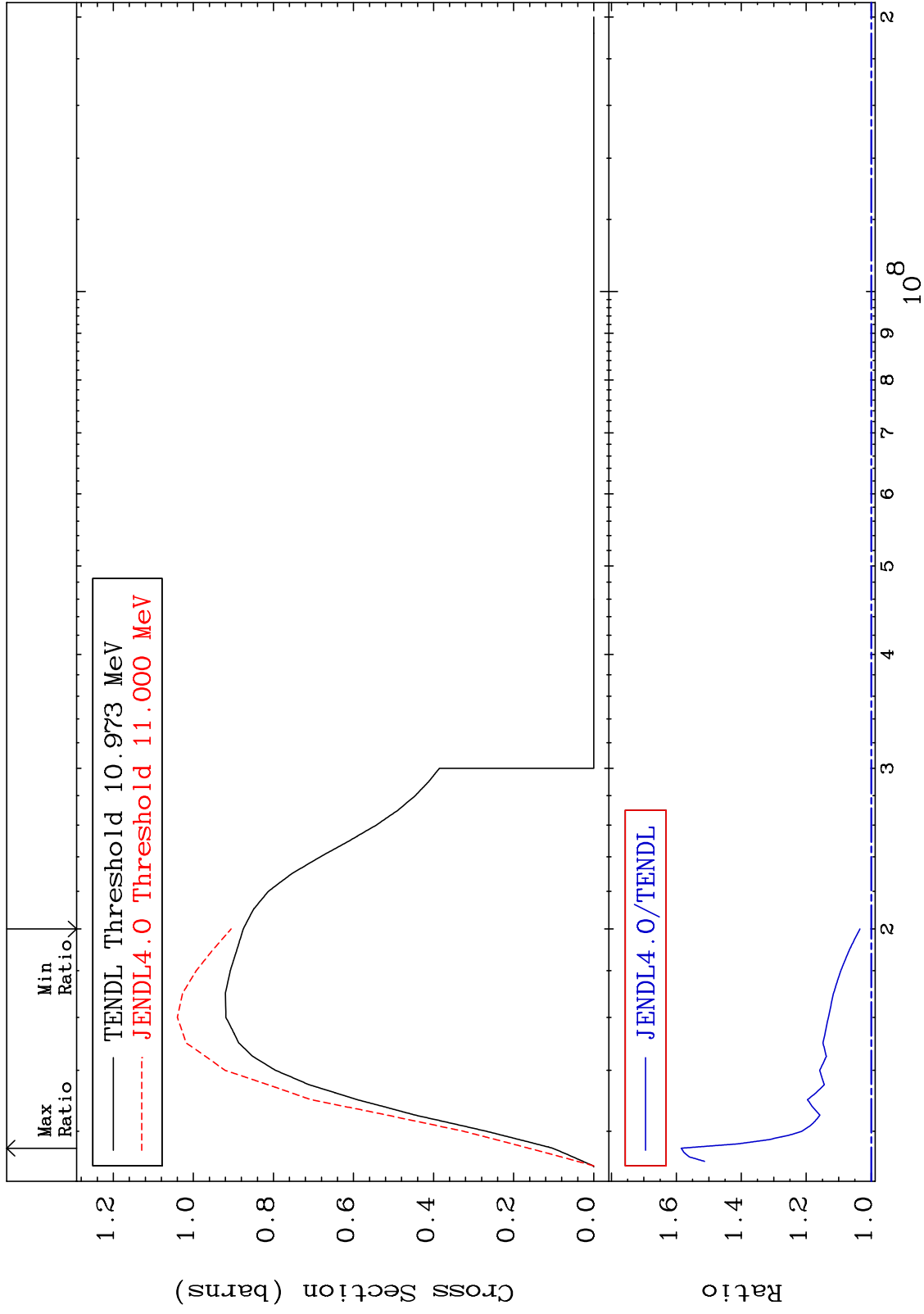
(n,2n)

48-Cd-106

Cross Section

3.467

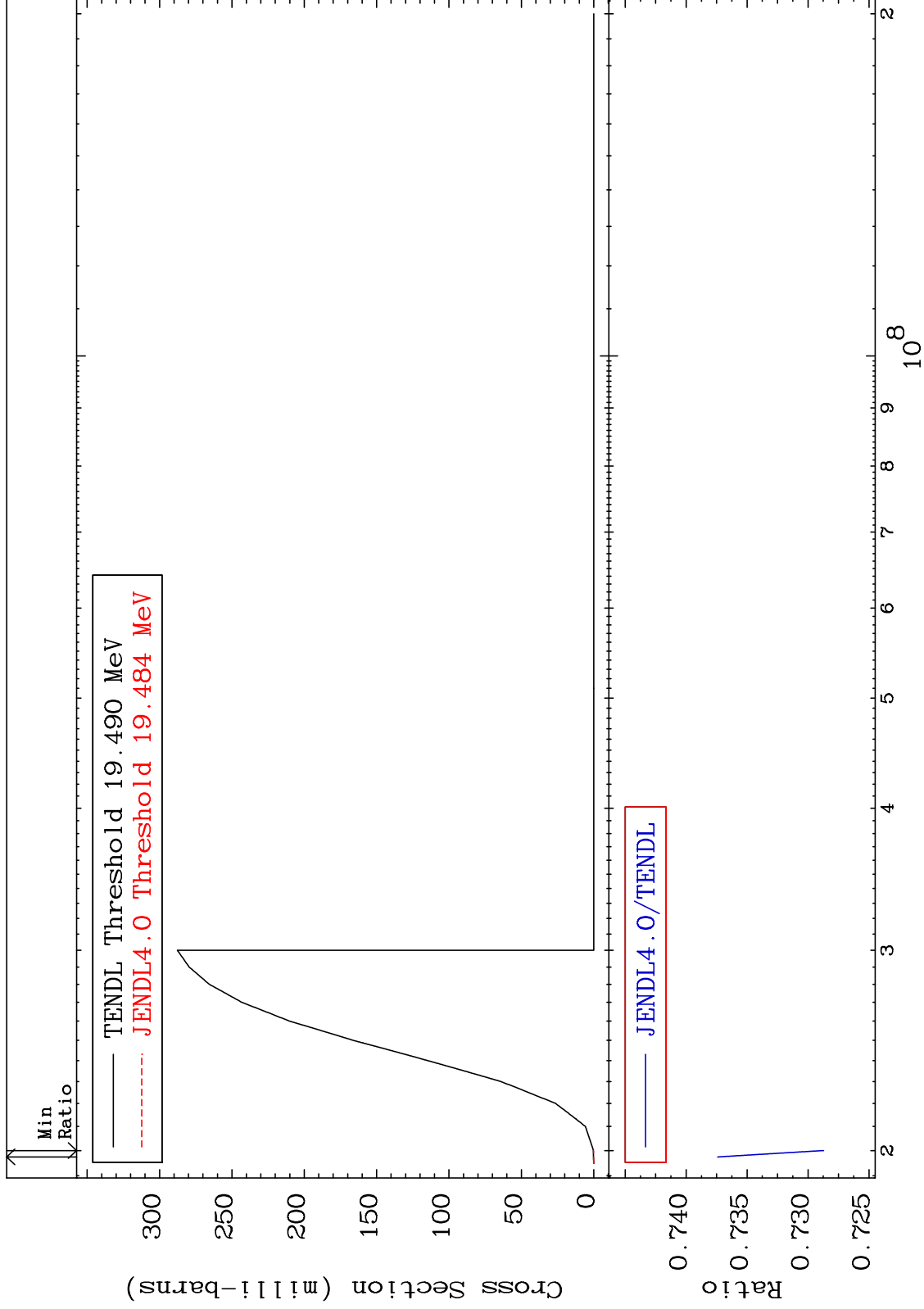
To 58.49 %



MAT 4825

(n, 3n)
Cross Section

48-Cd-106
-27.13 To -26.26%



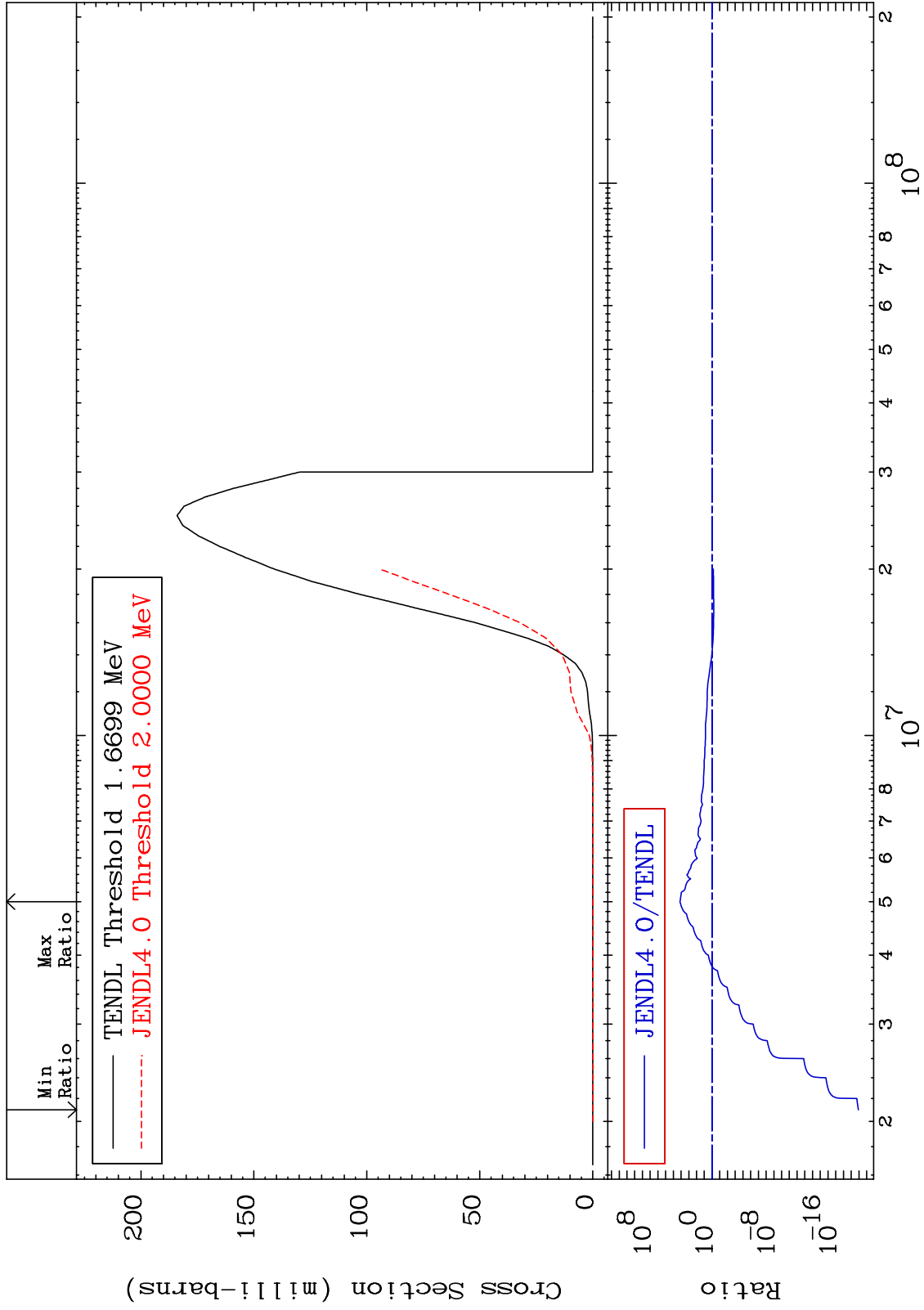
MAT 4825

(n,n') α

48-Cd-106

-100.0 To 9999. %

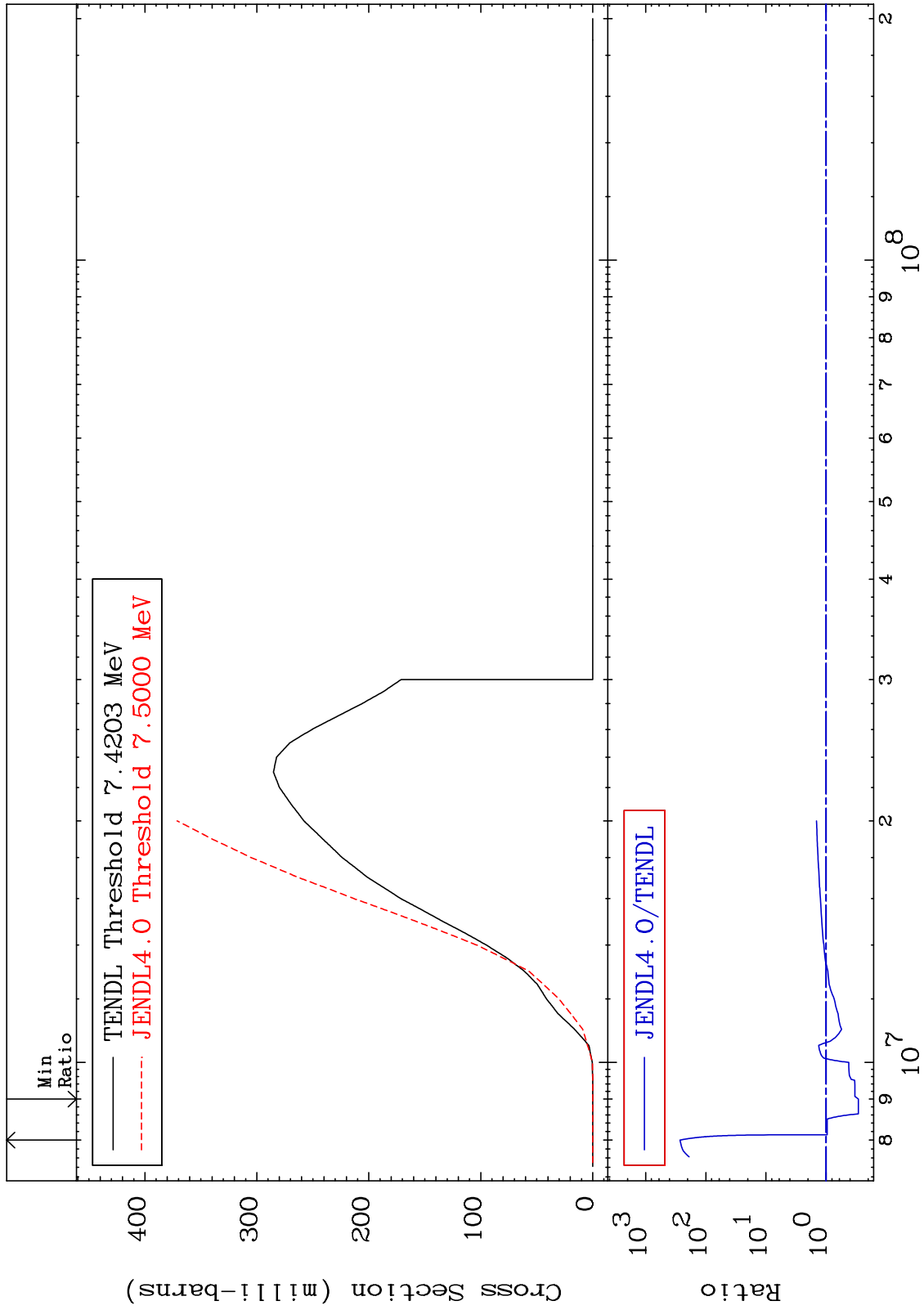
Cross Section



MAT 4825

(n,n') p
Cross Section

48-Cd-106
-70.98 To 9999. %



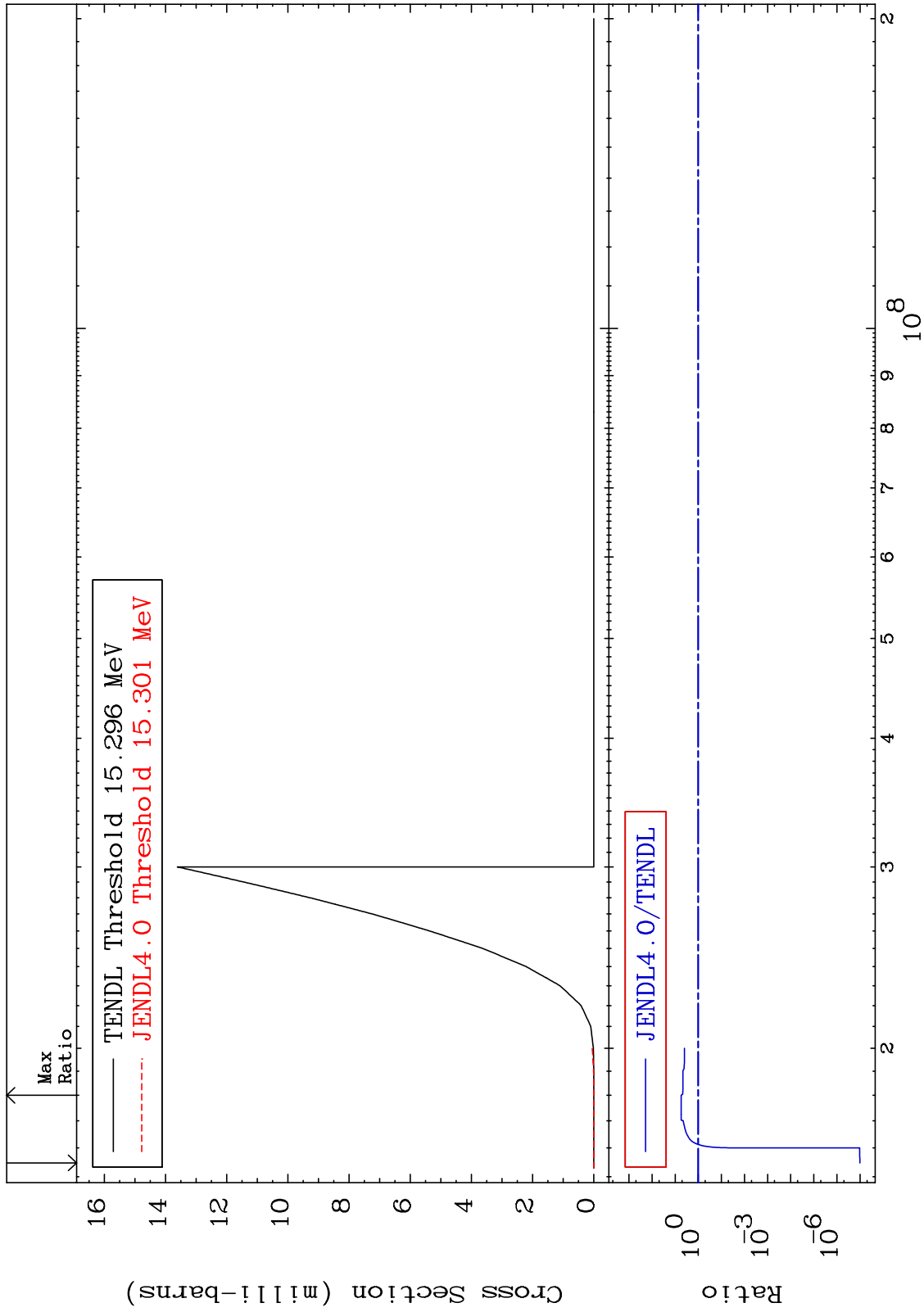
MAT 4825

(n,n') d

48-Cd-106

Cross Section

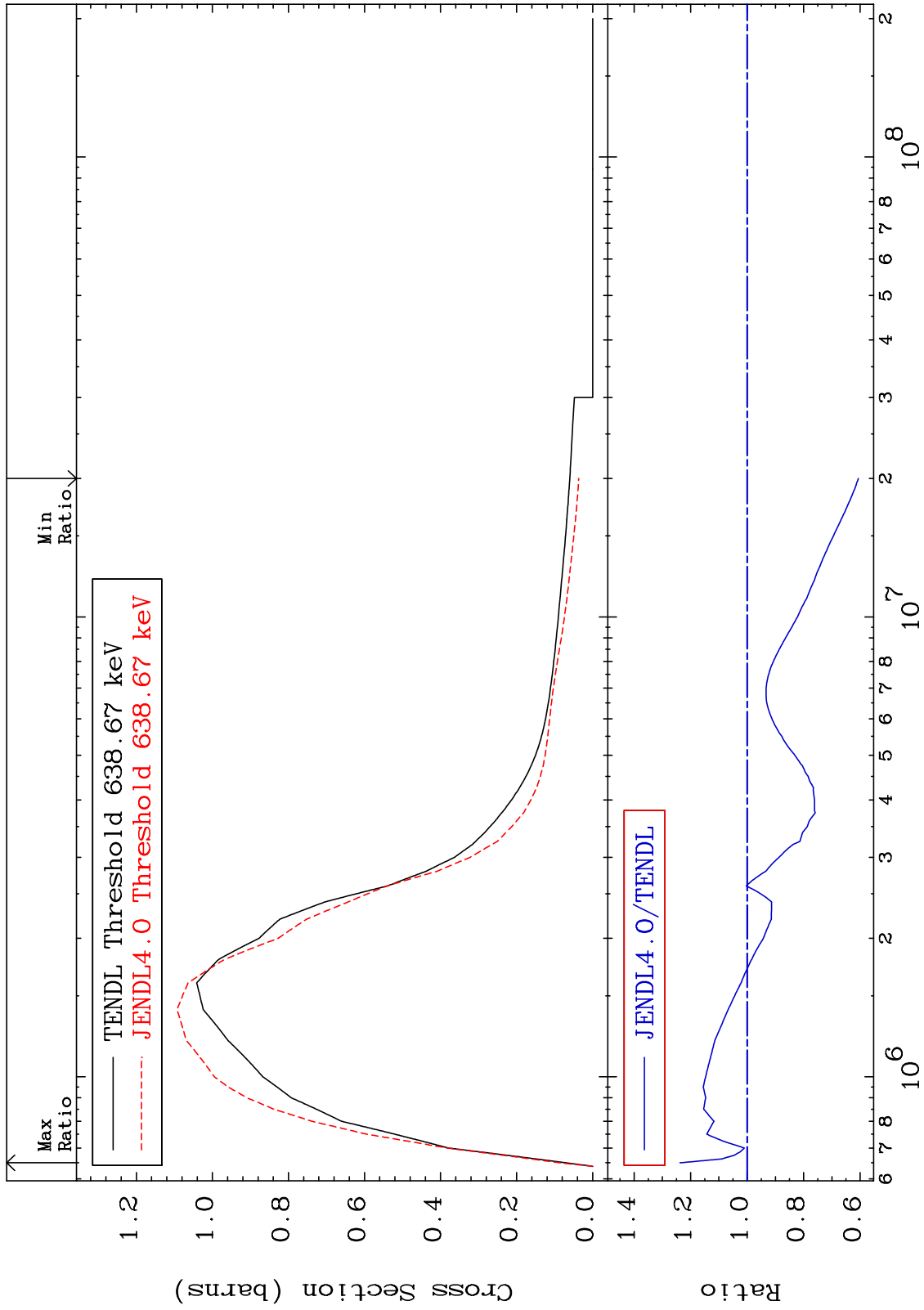
-100.0 To 446.3 %



MAT 4825

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

48-Cd-106
-39.39 To 23.76 %



9

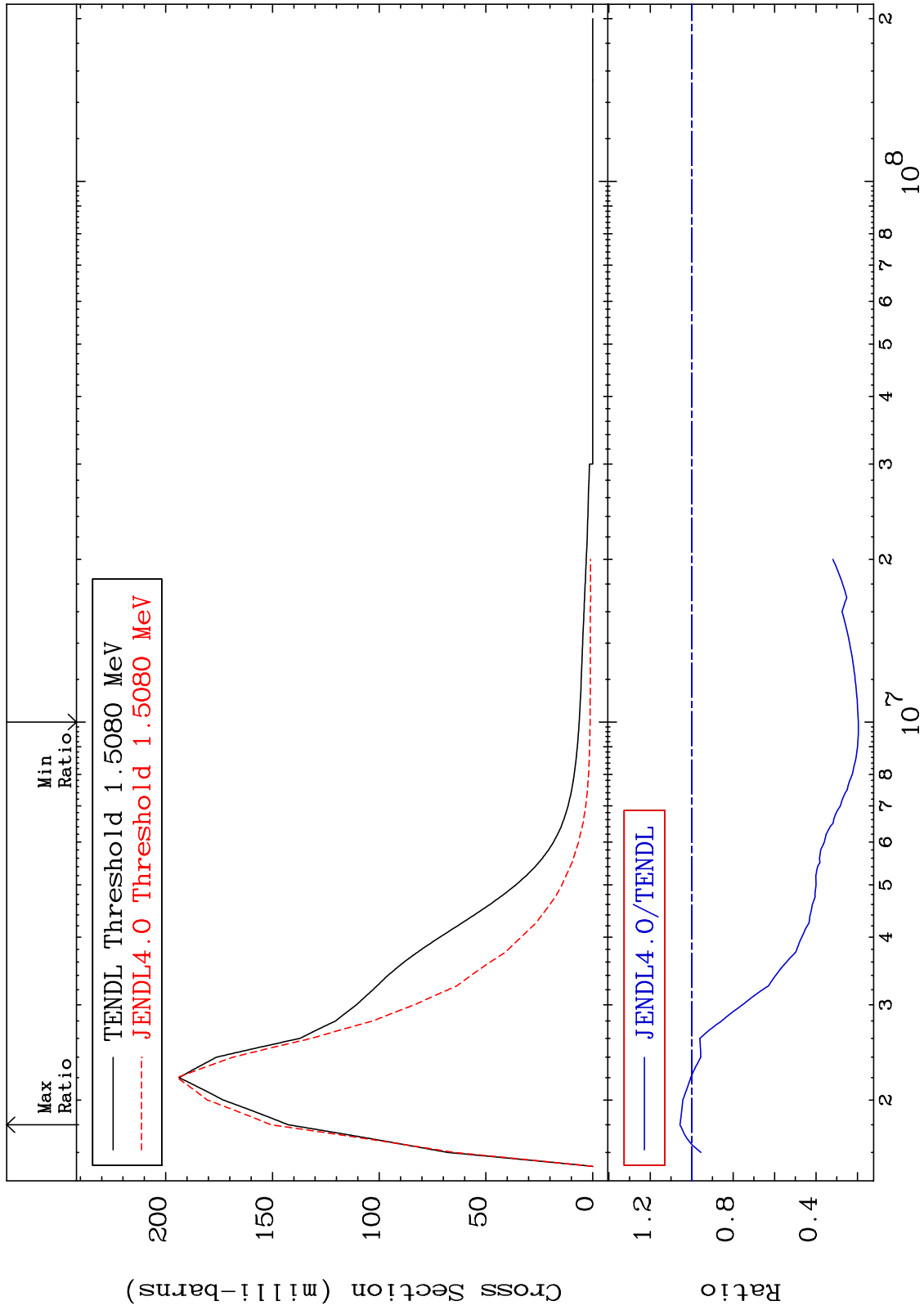
Incident Energy (eV)

48-Cd-106

MAT 4825

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

48-Cd-106
-80.48 To 5.642 %



10

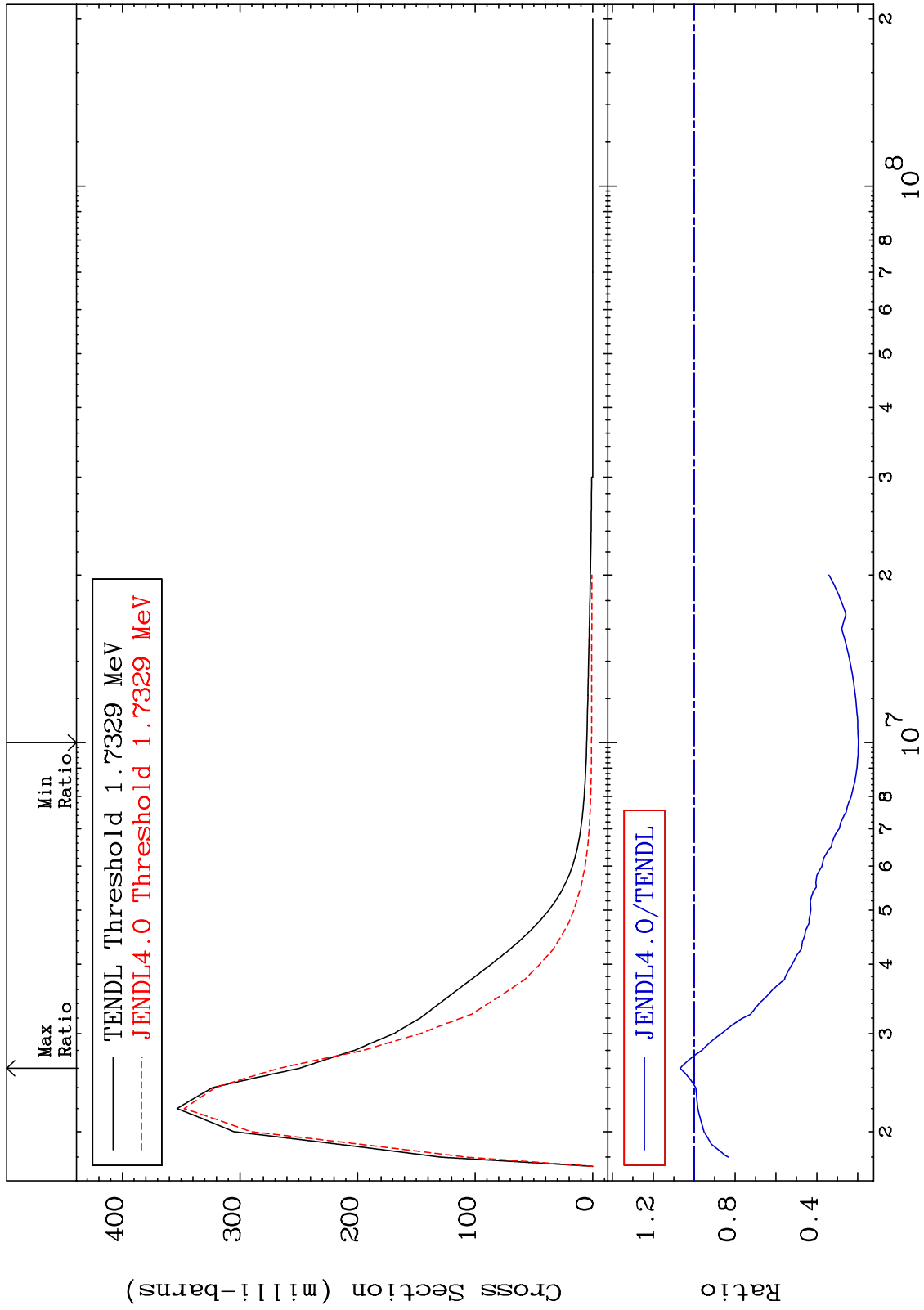
Incident Energy (eV)

48-Cd-106

MAT 4825

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

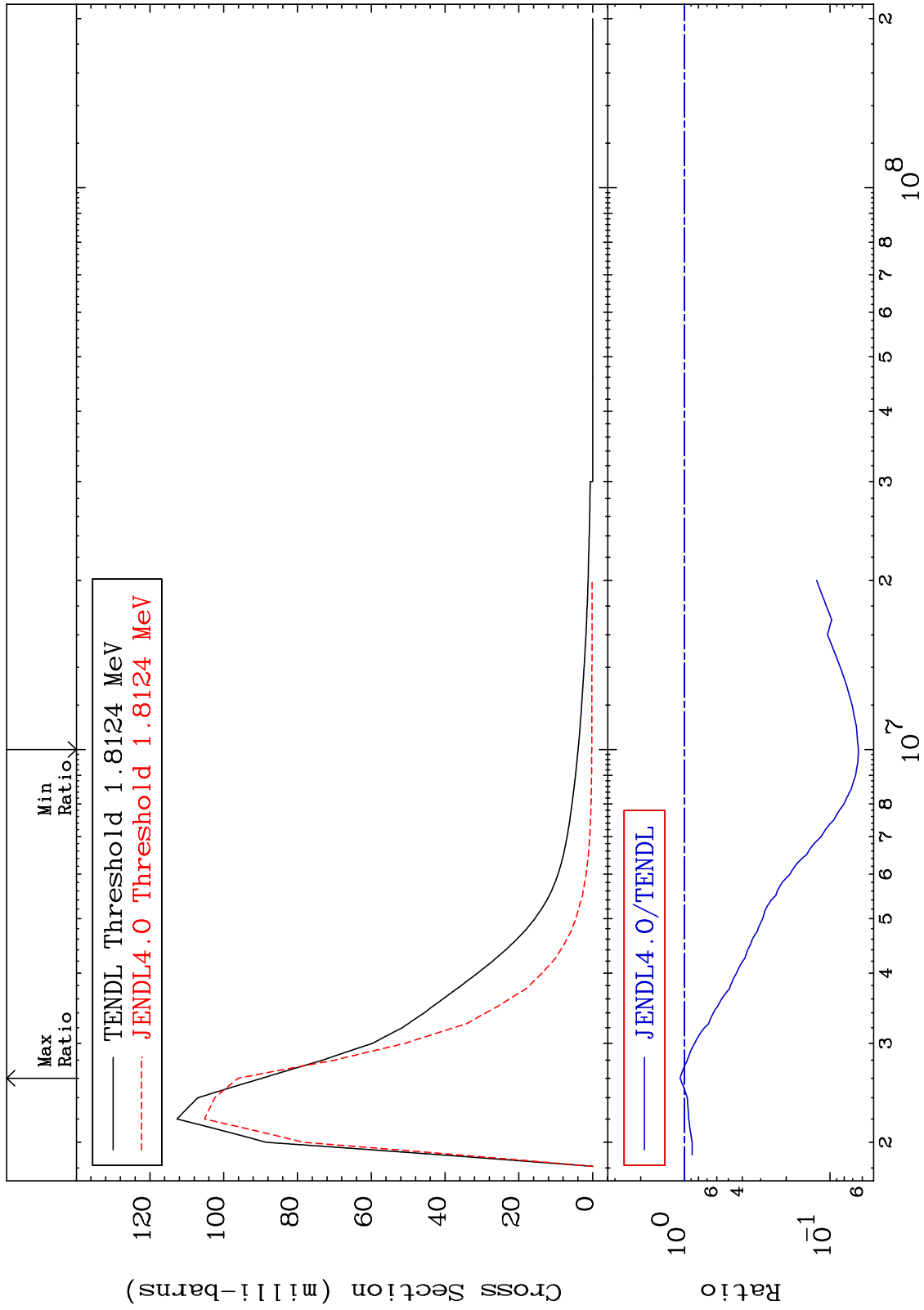
48-Cd-106
-80.31 To 6.944 %



MAT 4825

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

48-Cd-106
-93.61 To 7.261 %

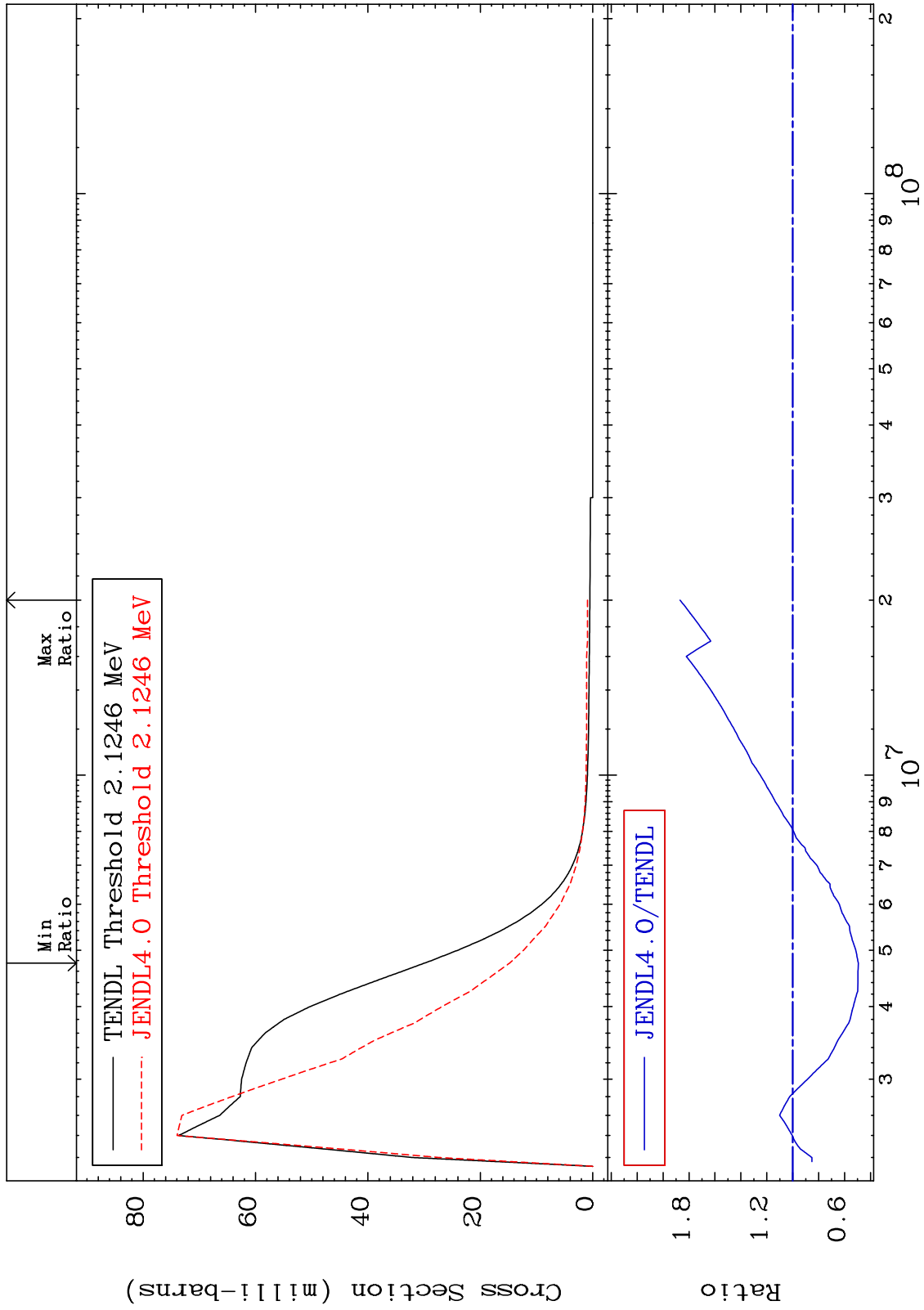


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Incident Energy (eV)

48-Cd-106

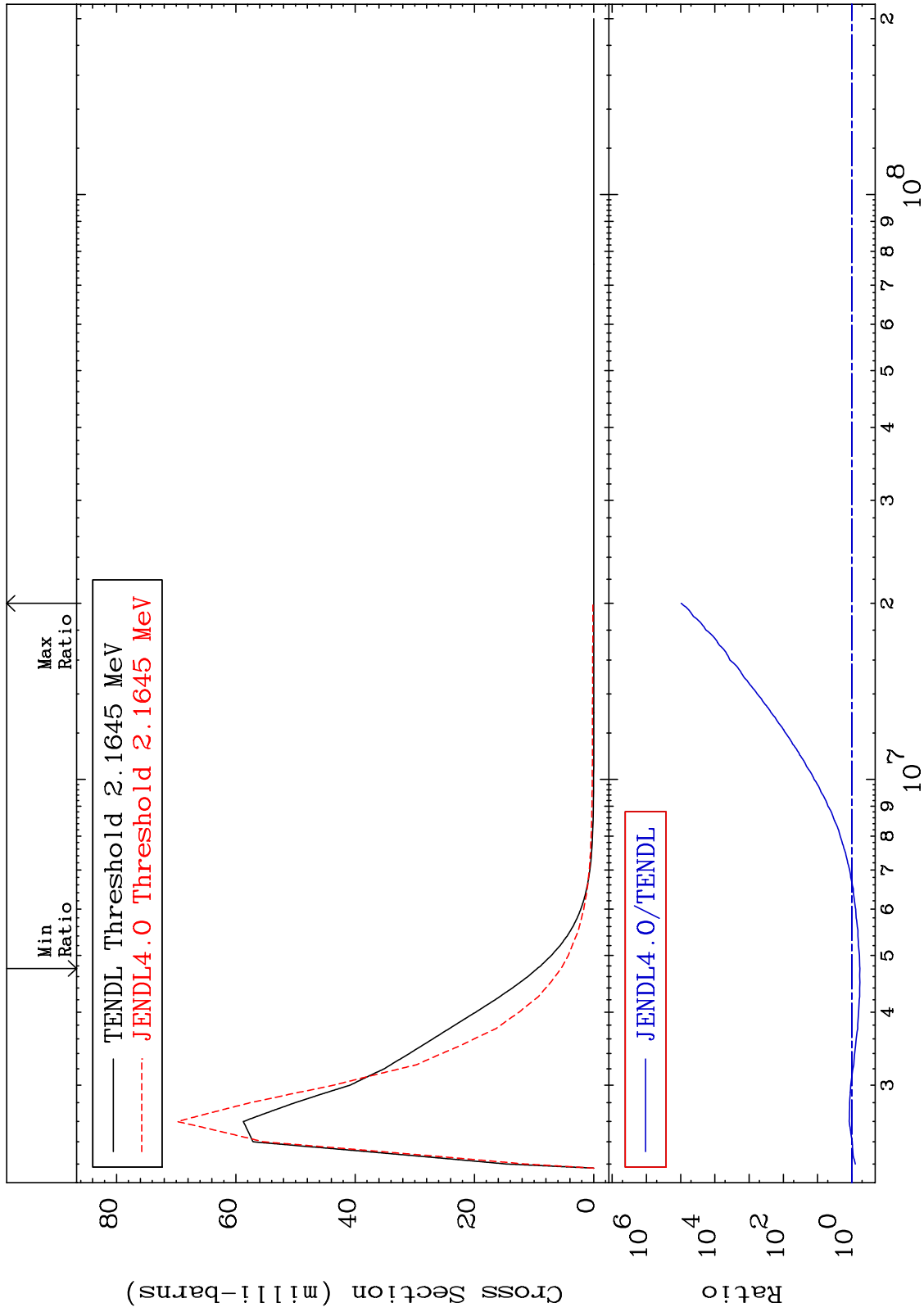
MAT 4825 MT= 55 (n,n') Level Cross Section 48-Cd-106
 -50.66 To 86.94 %



MAT 4825

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

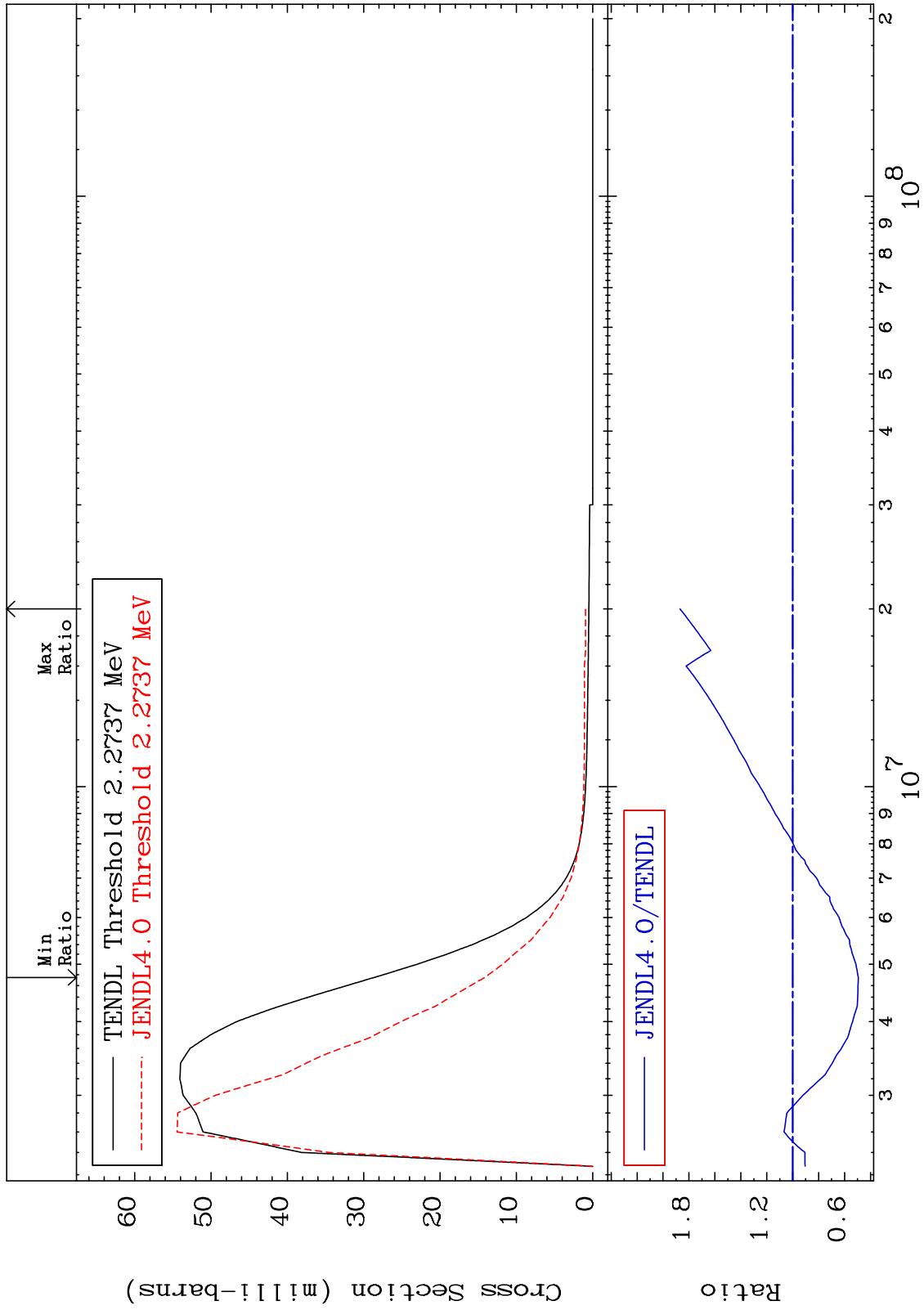
48-Cd-106
-42.22 To 9999. %



MAT 4825

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

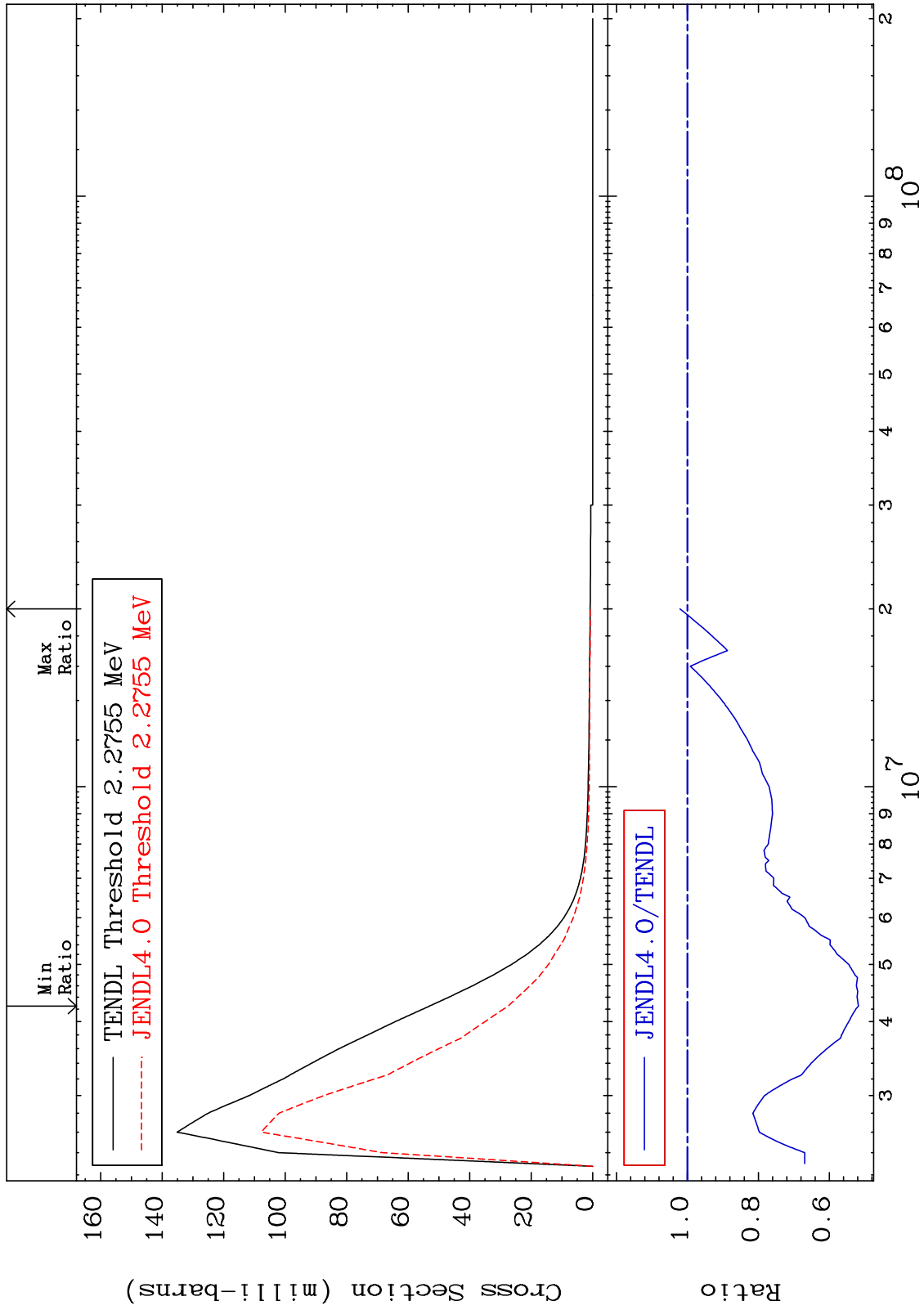
48-Cd-106
-50.66 To 86.90 %



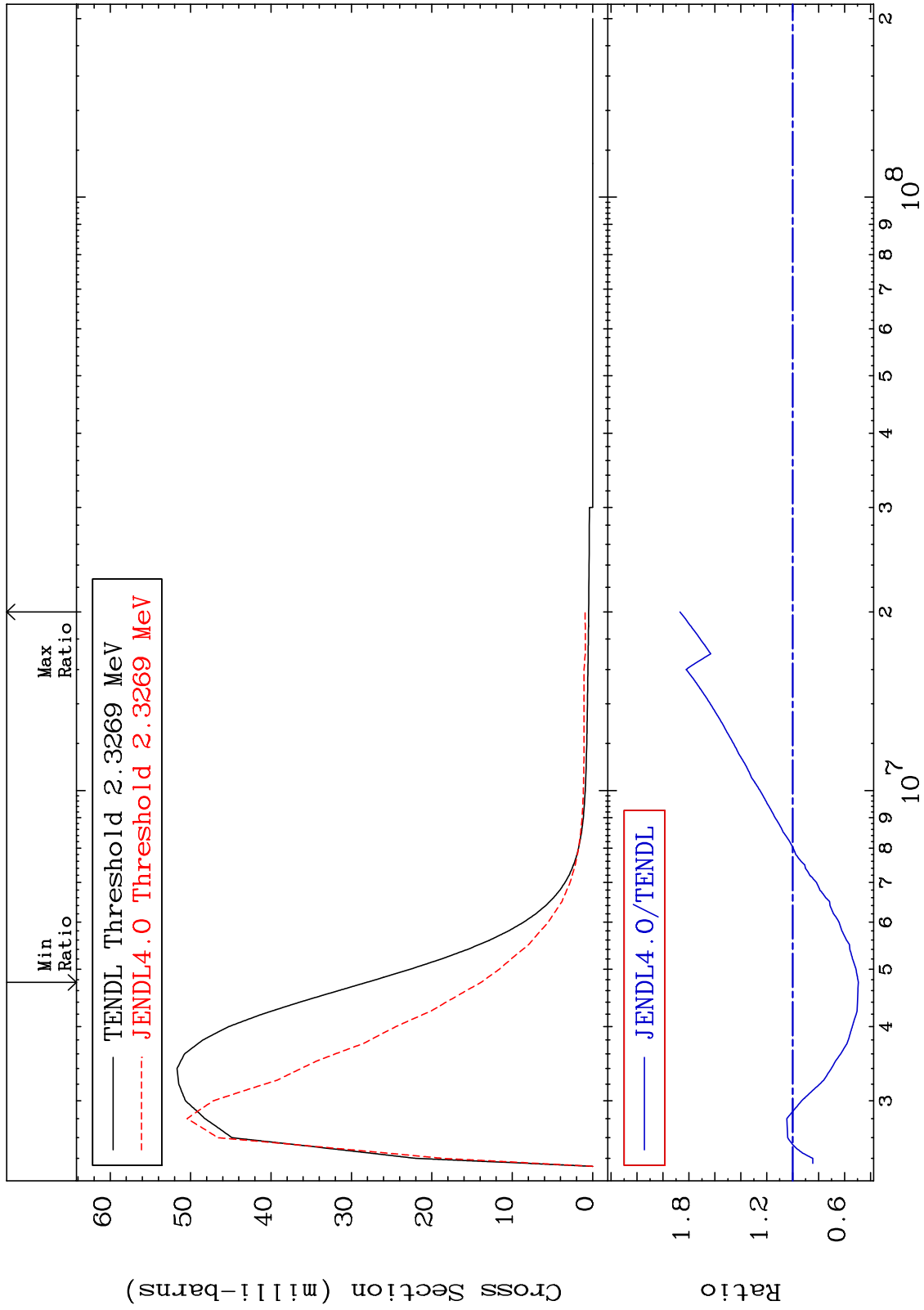
MAT 4825

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

48-Cd-106
-48.18 To 2.080 %



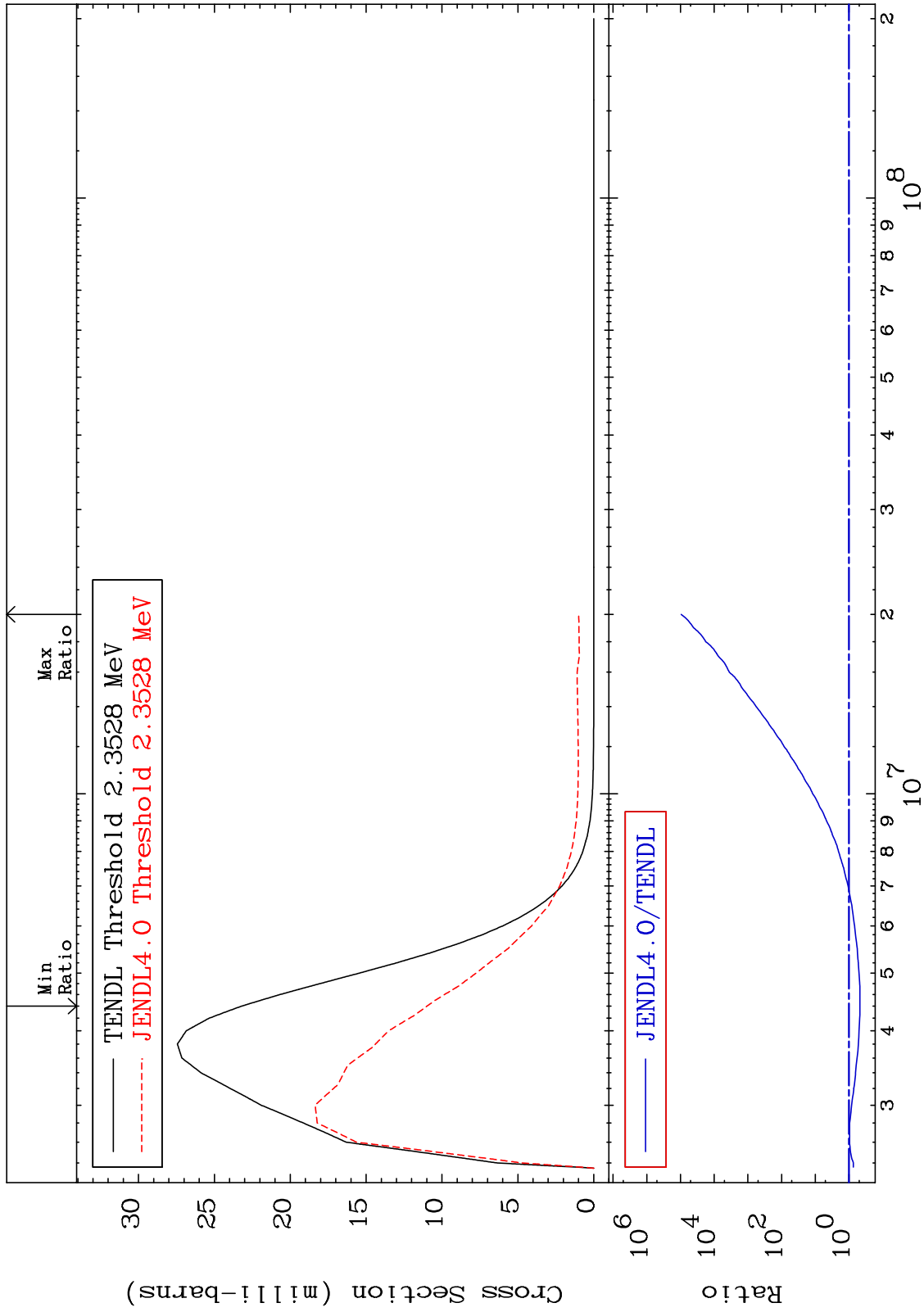
MAT 4825 MT= 59 (n,n') Level Cross Section 48-Cd-106
 -50.65 To 86.88 %



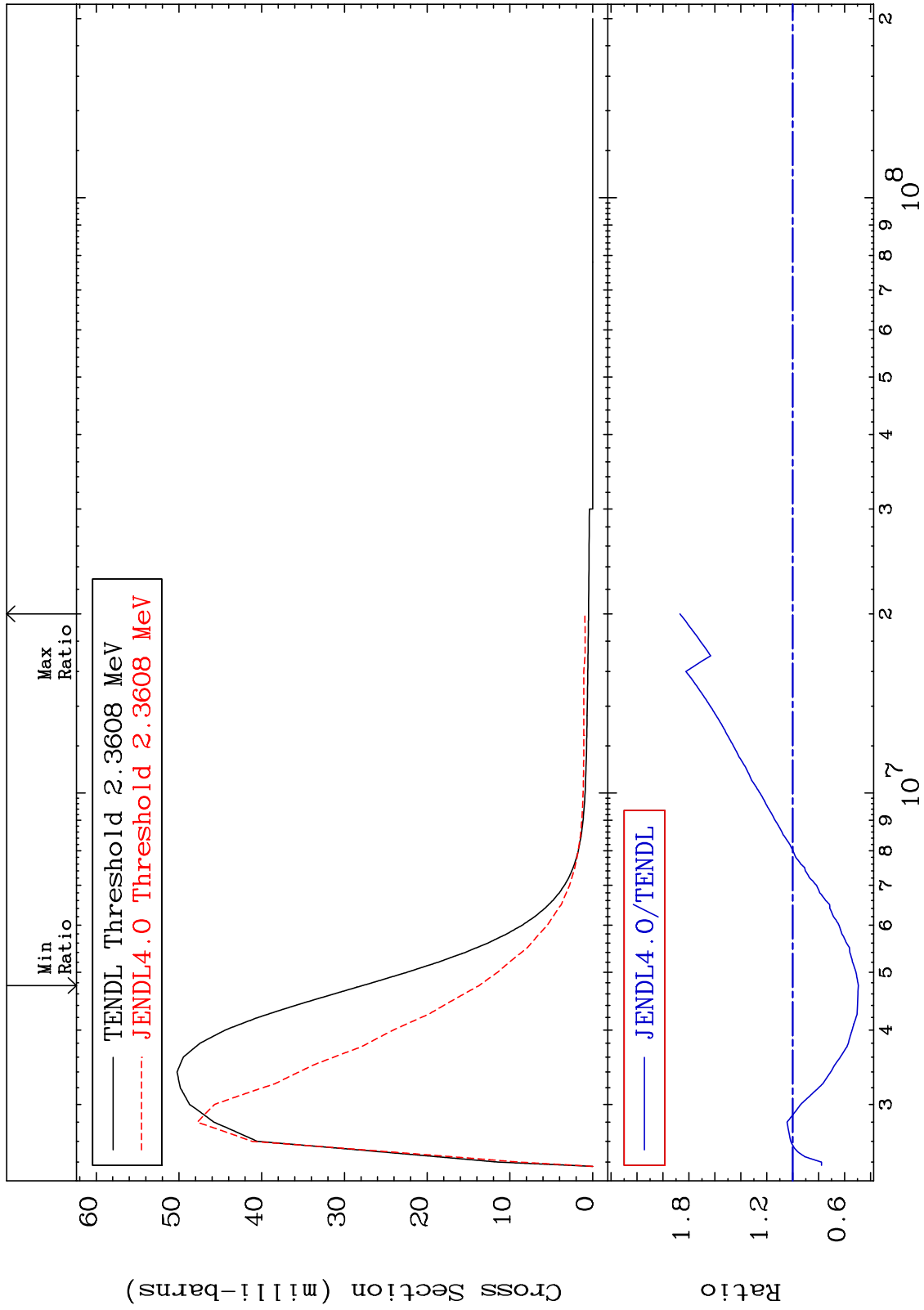
MAT 4825

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

48-Cd-106
-52.65 To 9999. %



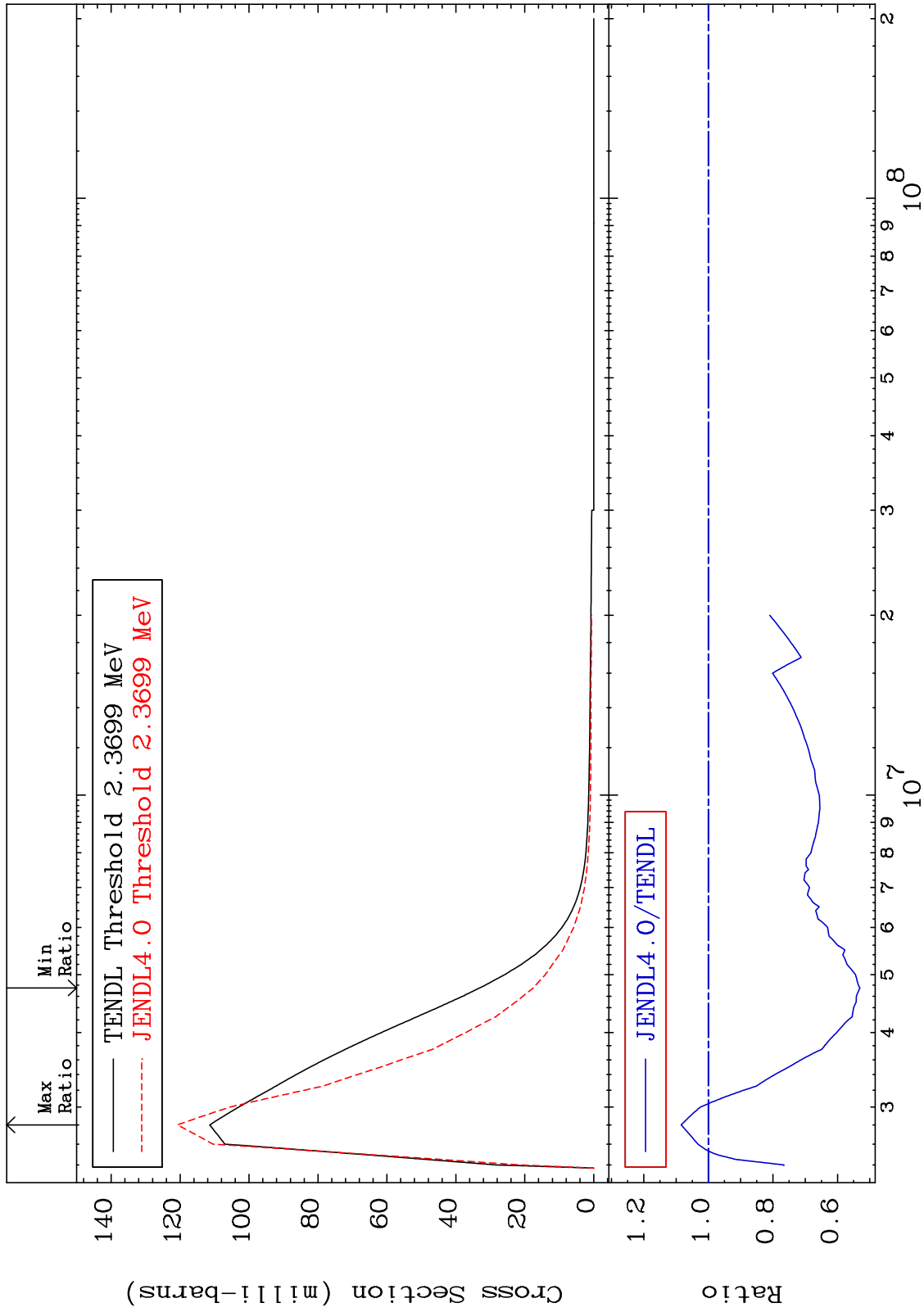
MAT 4825 MT= 61 (n,n') Level Cross Section 48-Cd-106
 -50.63 To 86.88 %



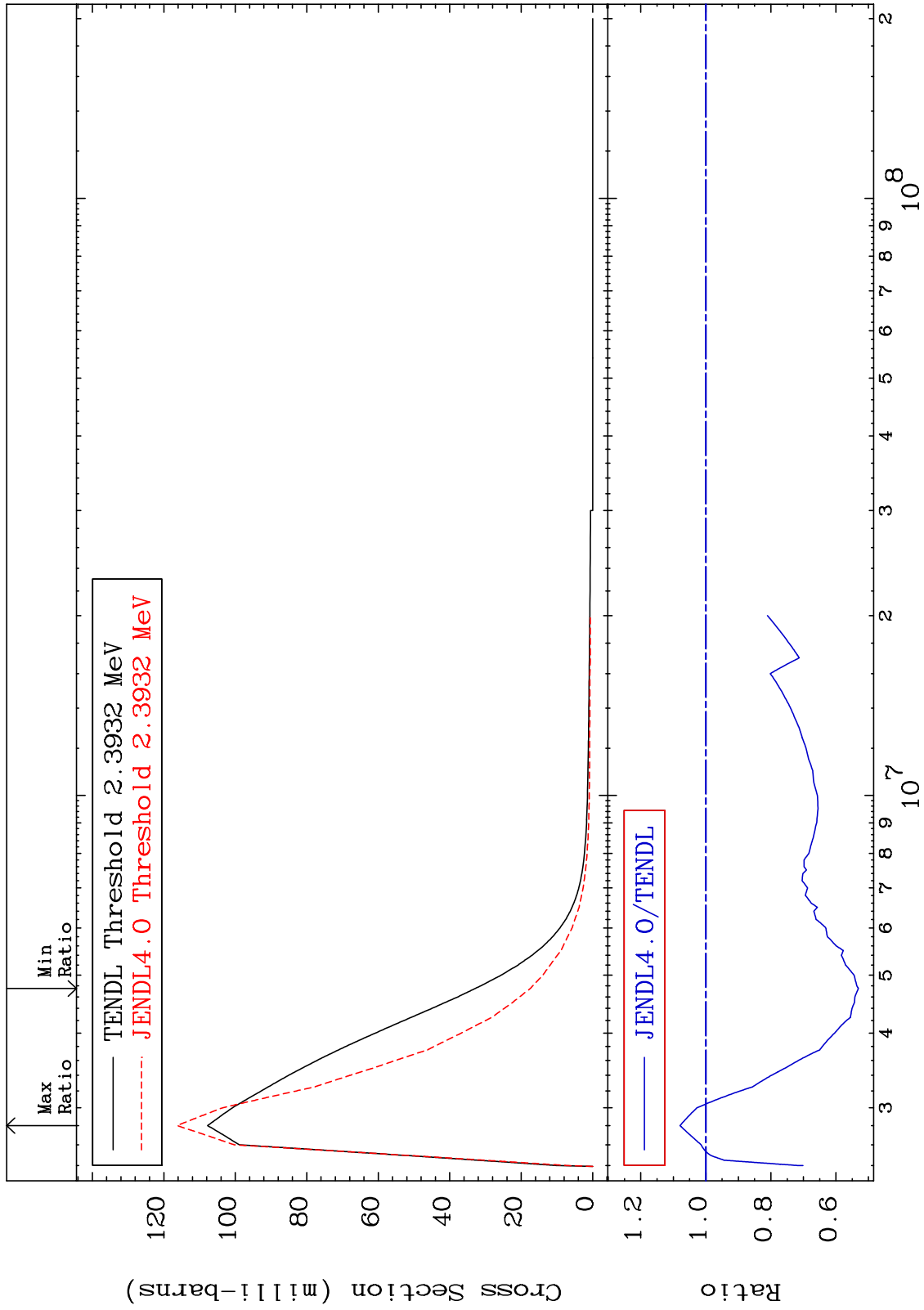
MAT 4825

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

48-Cd-106
-46.95 To 8.413 %



MAT 4825 MT= 63 (n,n') Level
 Cross Section 48-Cd-106
 -46.90 To 7.938 %



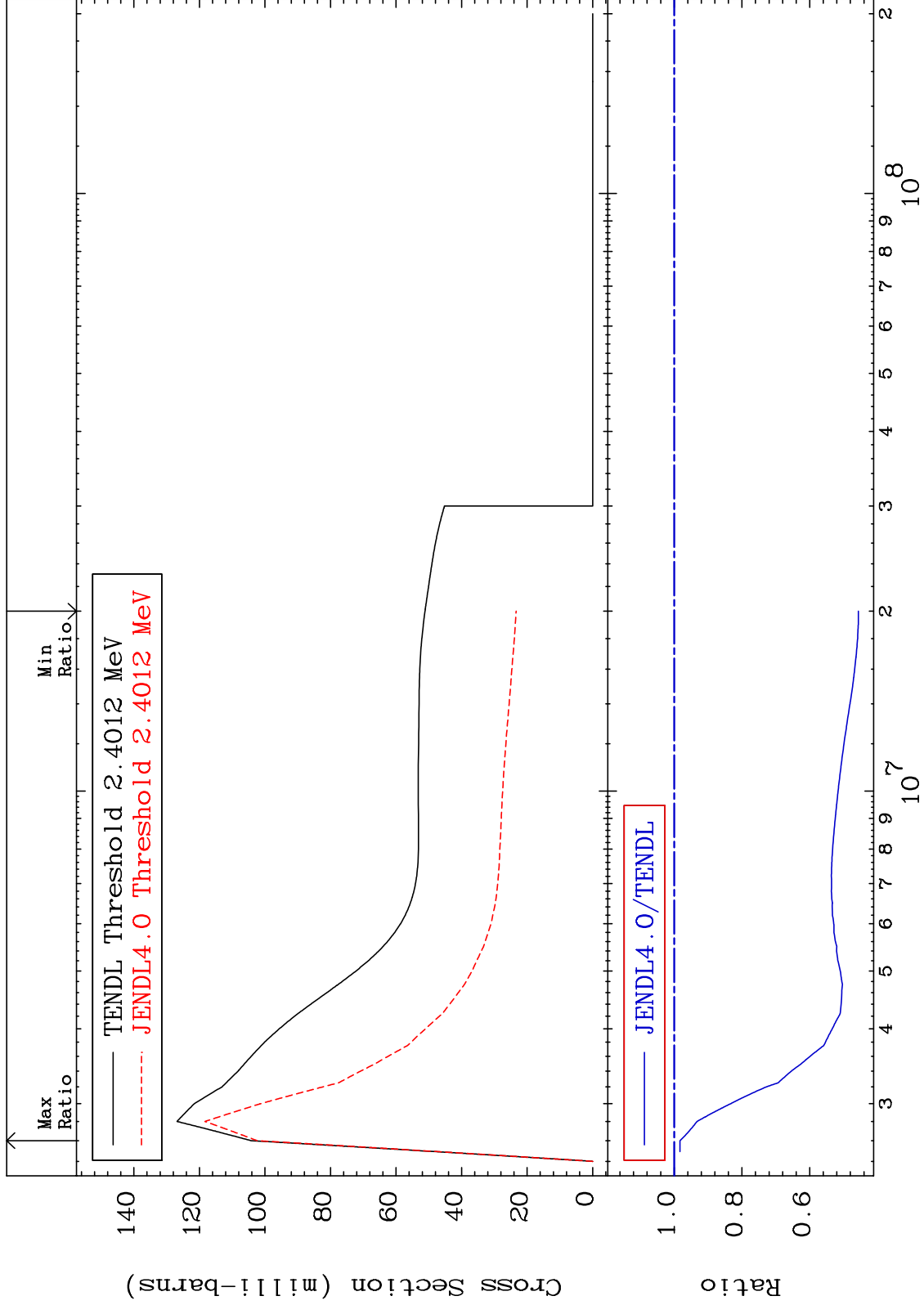
48-Cd-106

Incident Energy (eV)

MAT 4825

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

48-Cd-106
-54.37 To -1.716%



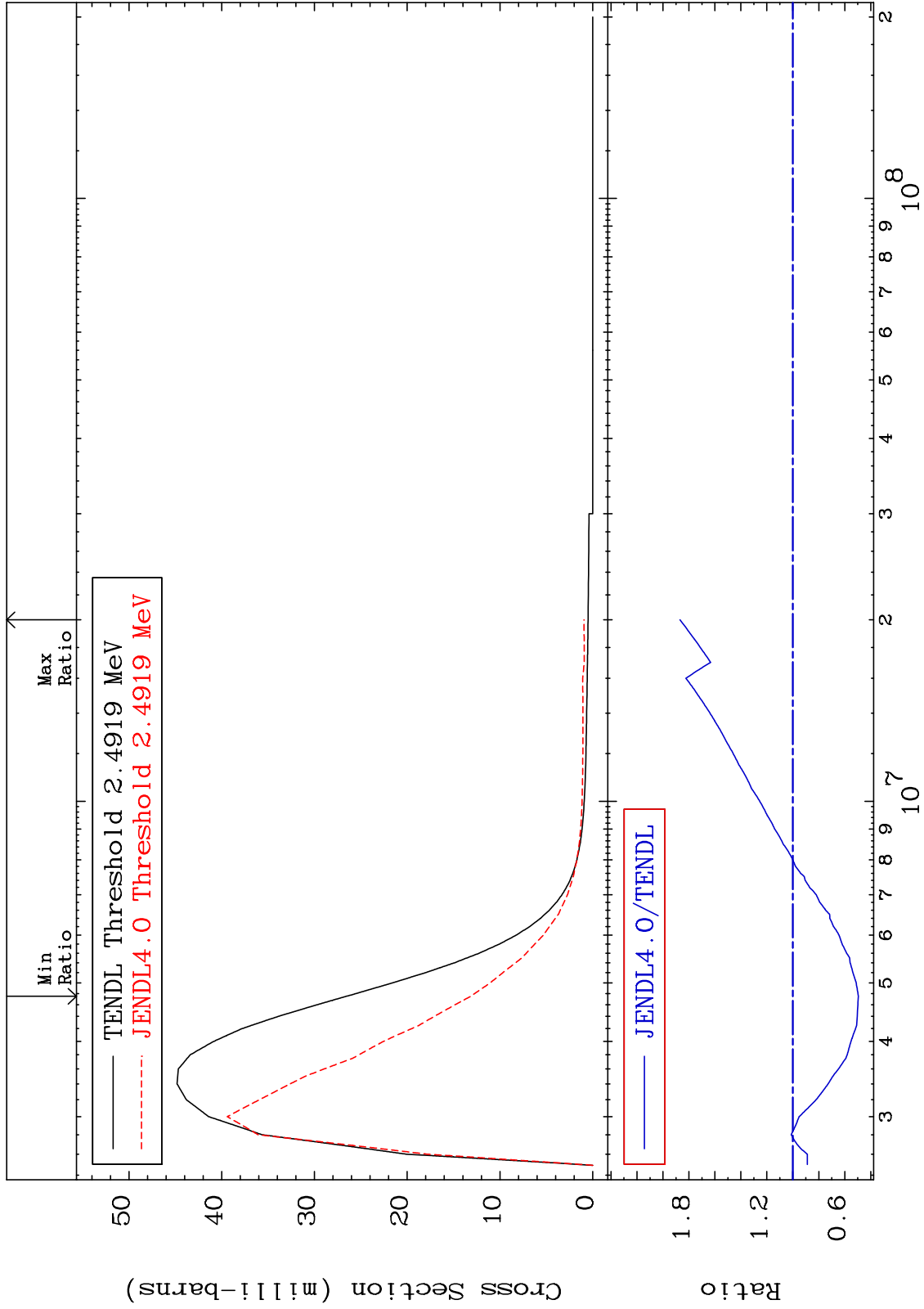
48-Cd-106

Incident Energy (eV)

MAT 4825

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

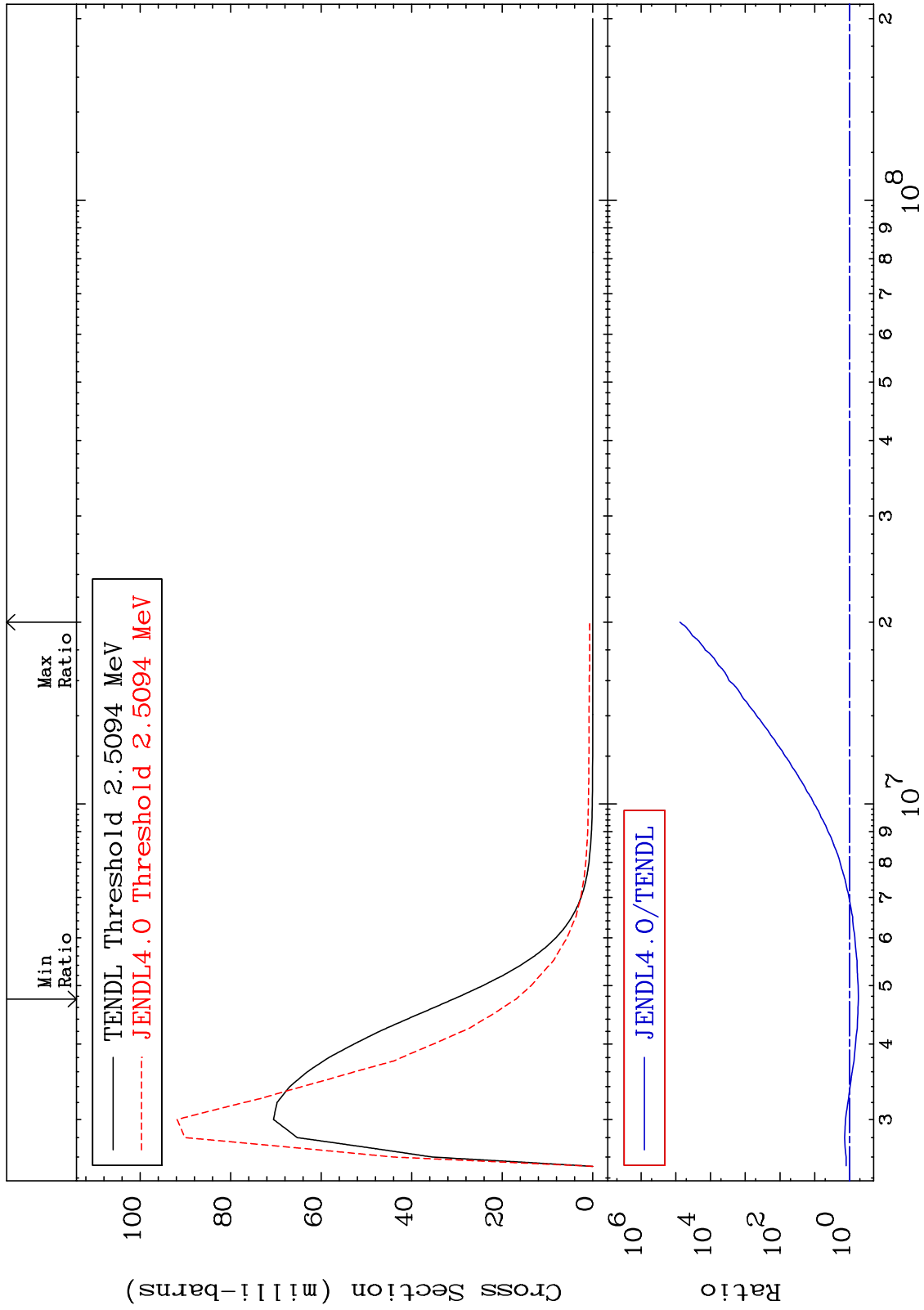
48-Cd-106
-50.51 To 86.86 %



MAT 4825

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

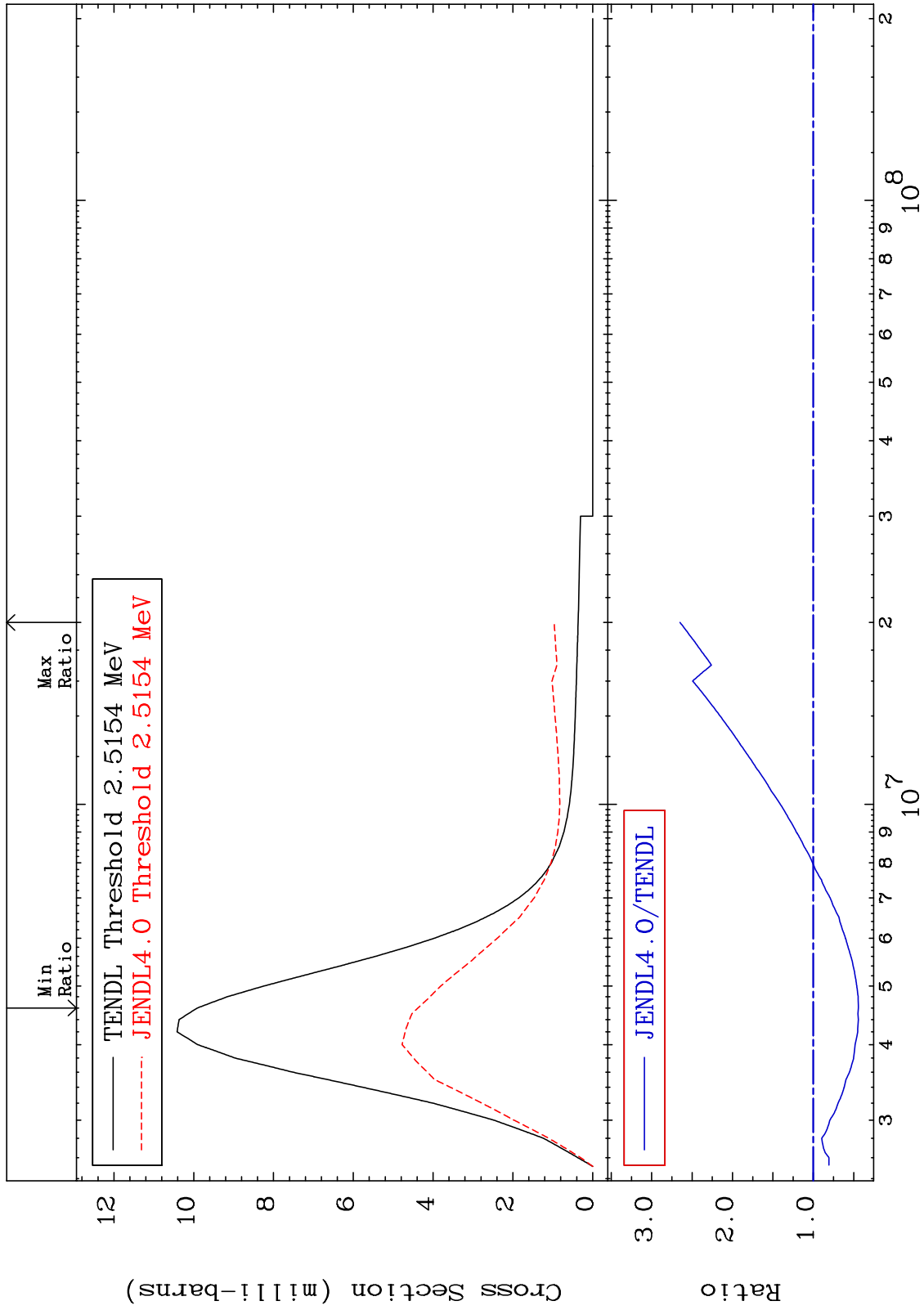
48-Cd-106
-44.95 To 9999. %



MAT 4825

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

48-Cd-106
-55.81 To 164.9 %



25

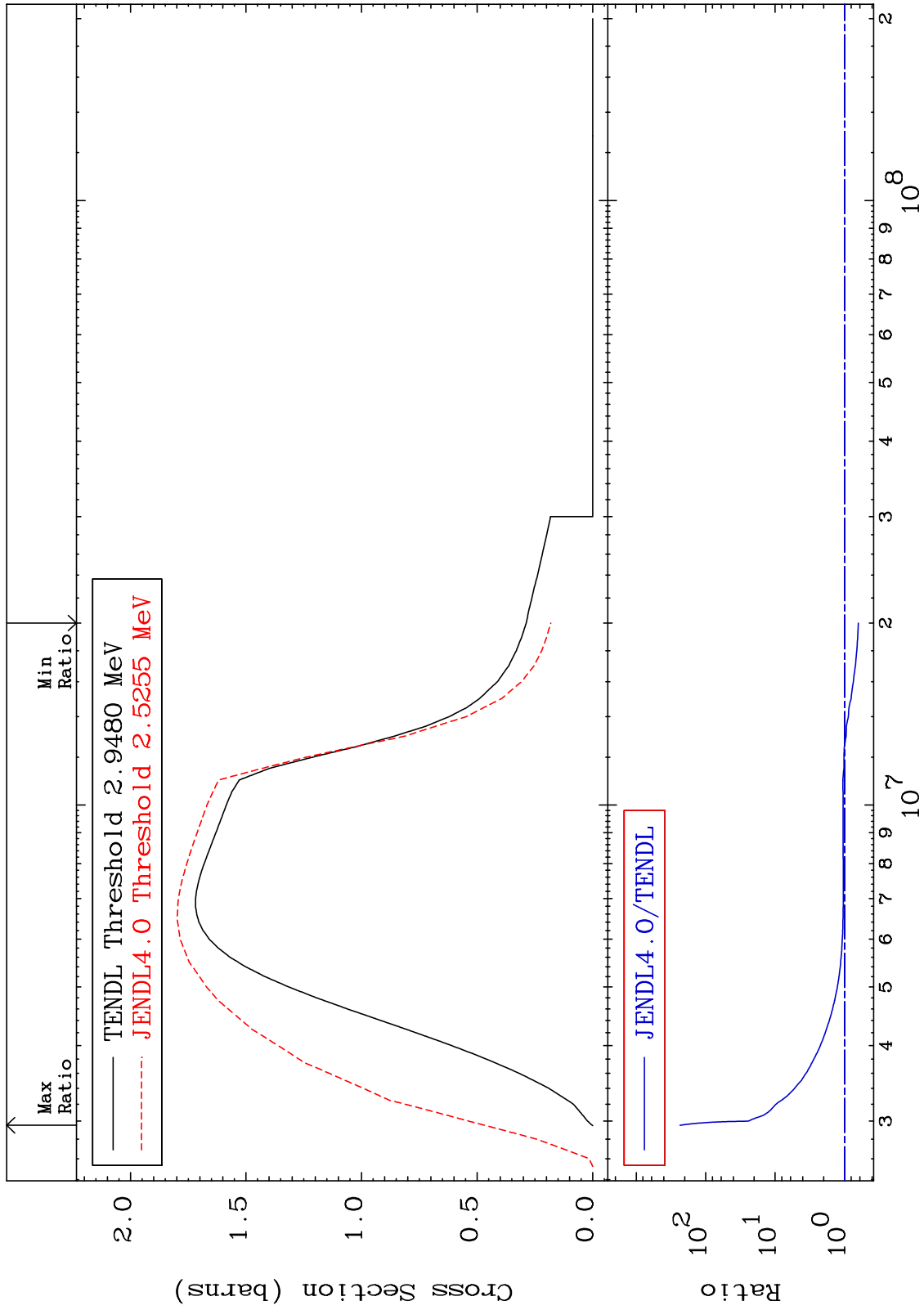
Incident Energy (eV)

48-Cd-106

MAT 4825

(n, n') Continuum
Cross Section

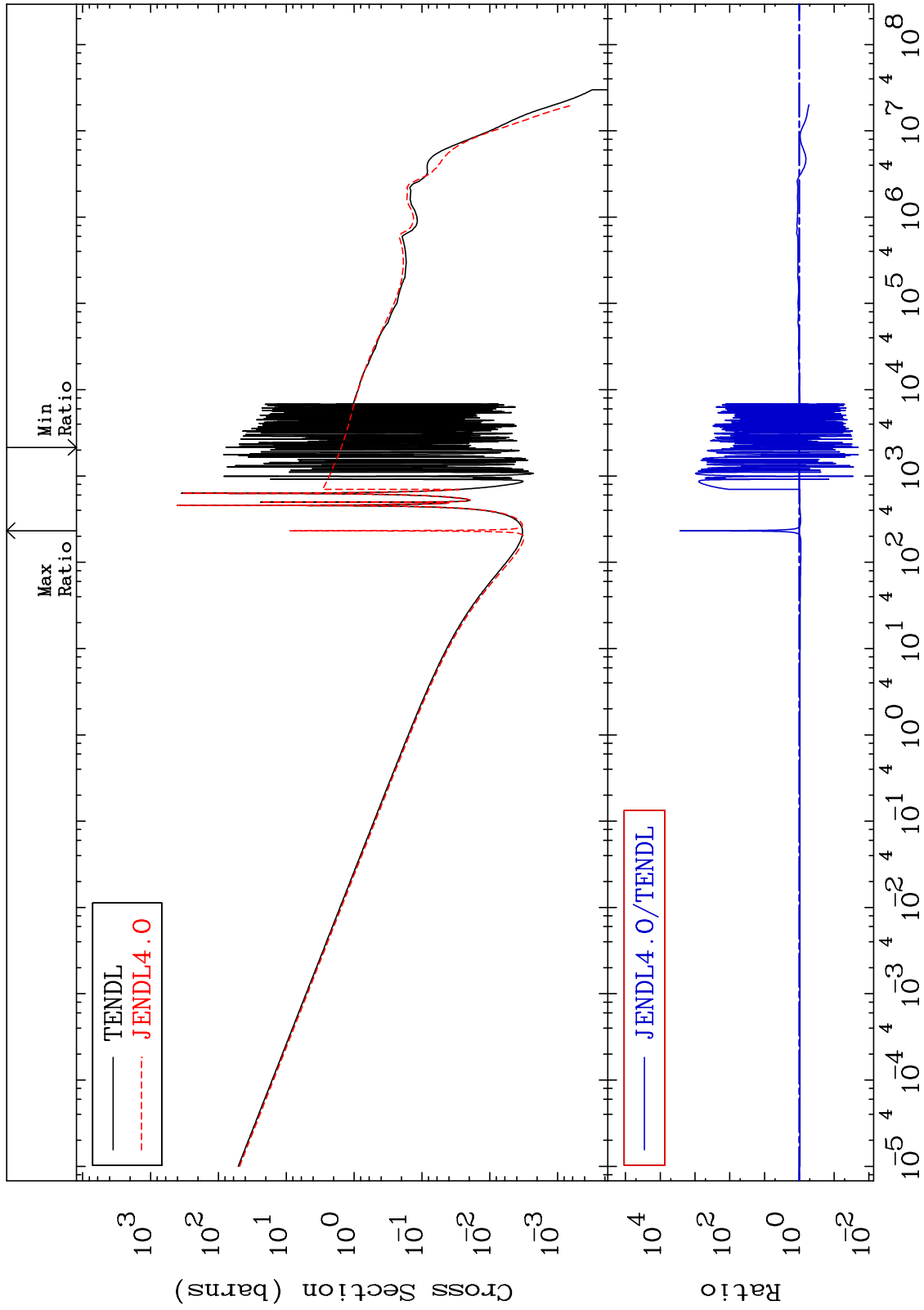
48-Cd-106
-36.86 To 9999. %



MAT 4825

(n, γ)
Cross Section

48-Cd-106
-98.01 To 9999. %



27

Incident Energy (eV)

48-Cd-106

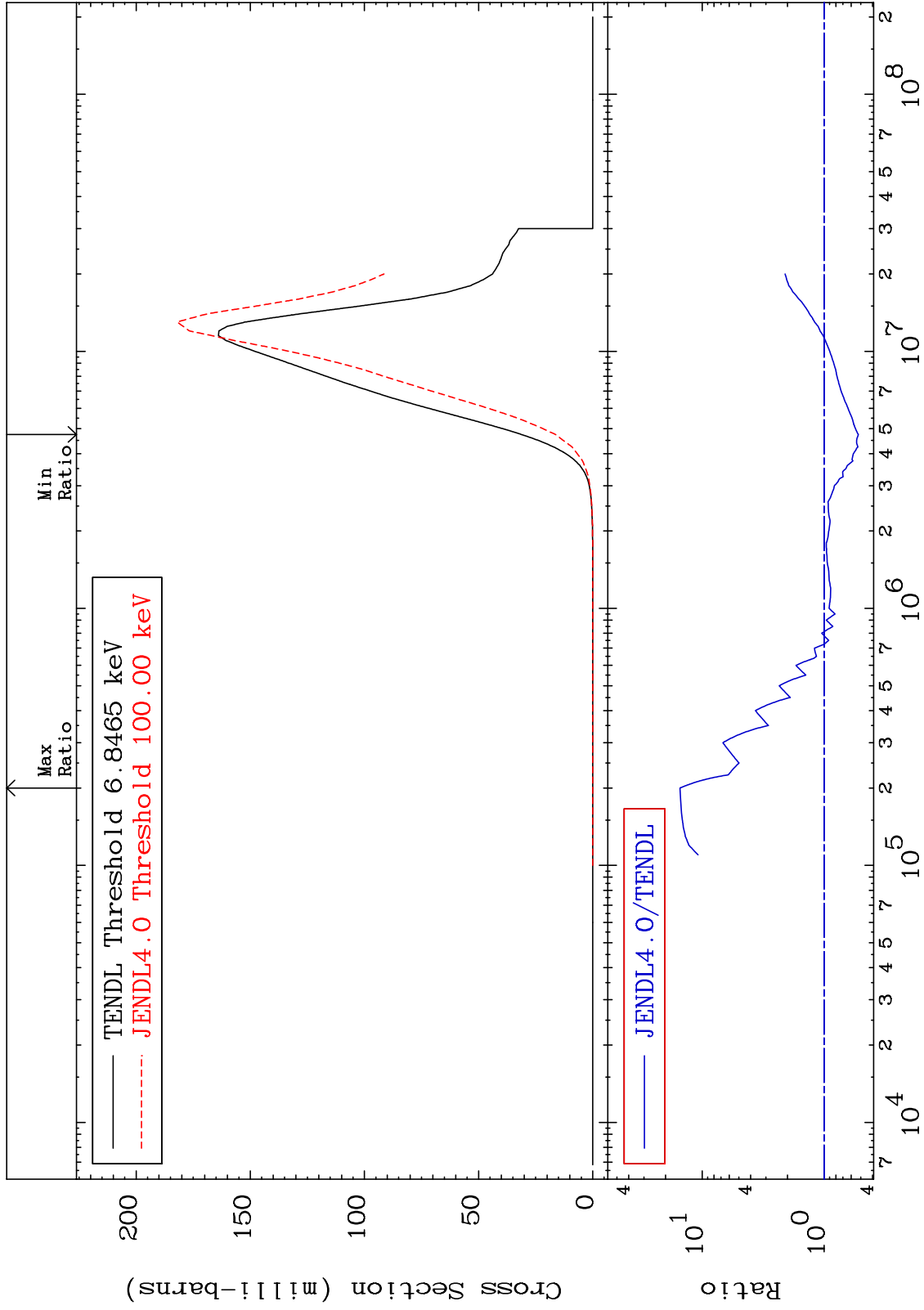
MAT 4825

(n, p)

48-Cd-106

Cross Section

-47.70 To 1419. %



28

48-Cd-106

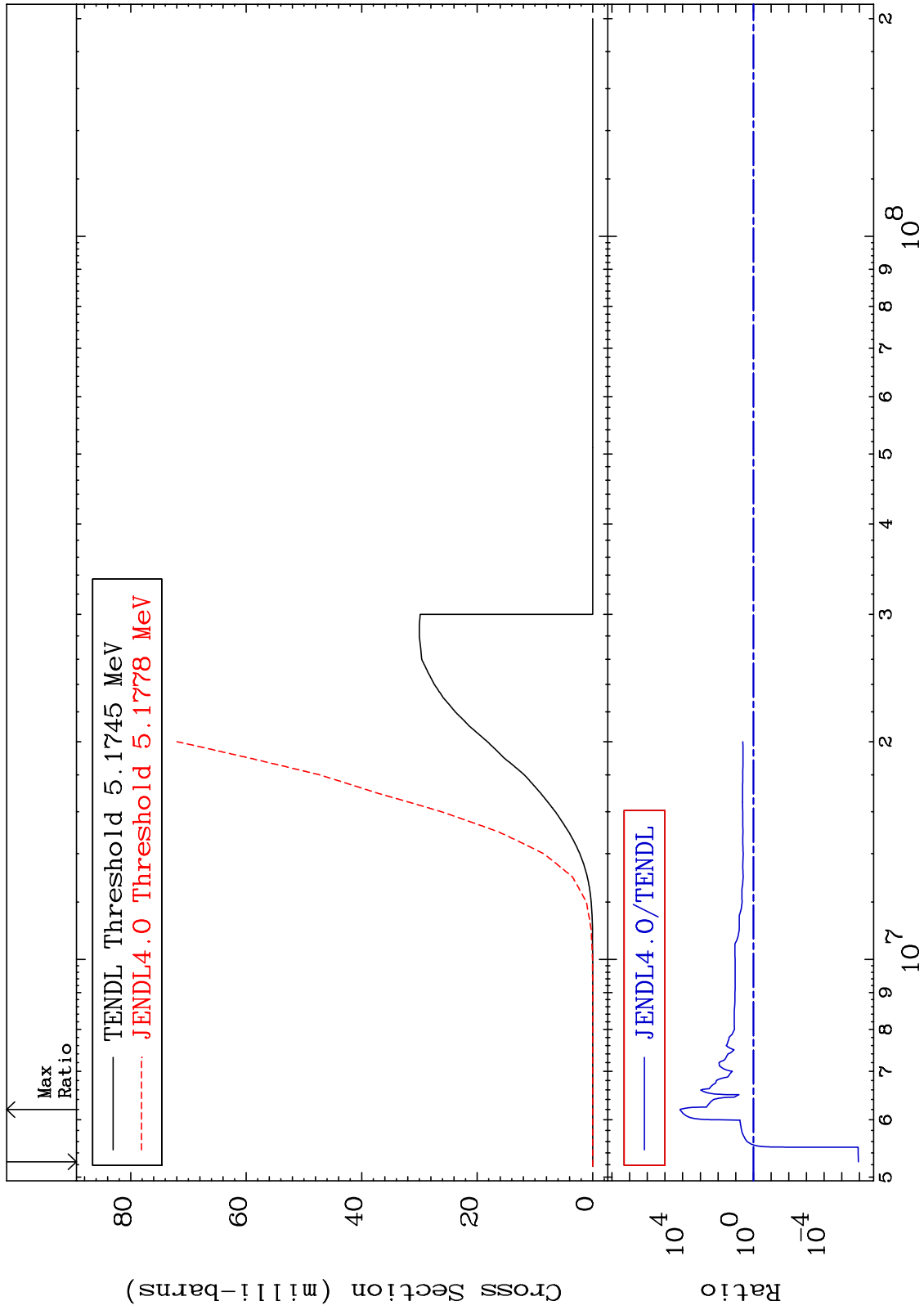
MAT 4825

(n,d)

48-Cd-106

Cross Section

-100.0 To 9999. %



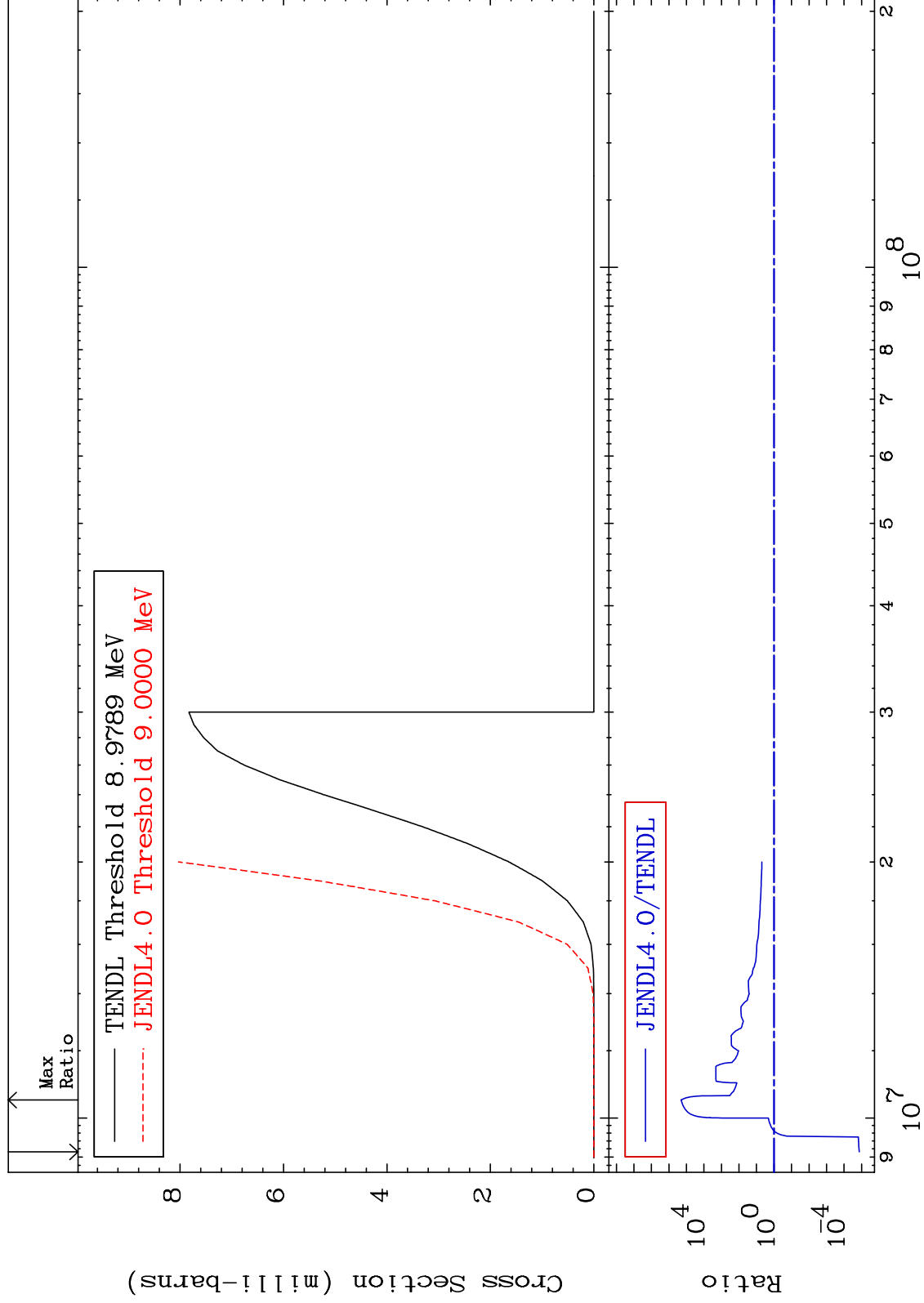
MAT 4825

(n, t)

48-Cd-106

Cross Section

-100.0 To 9999. %

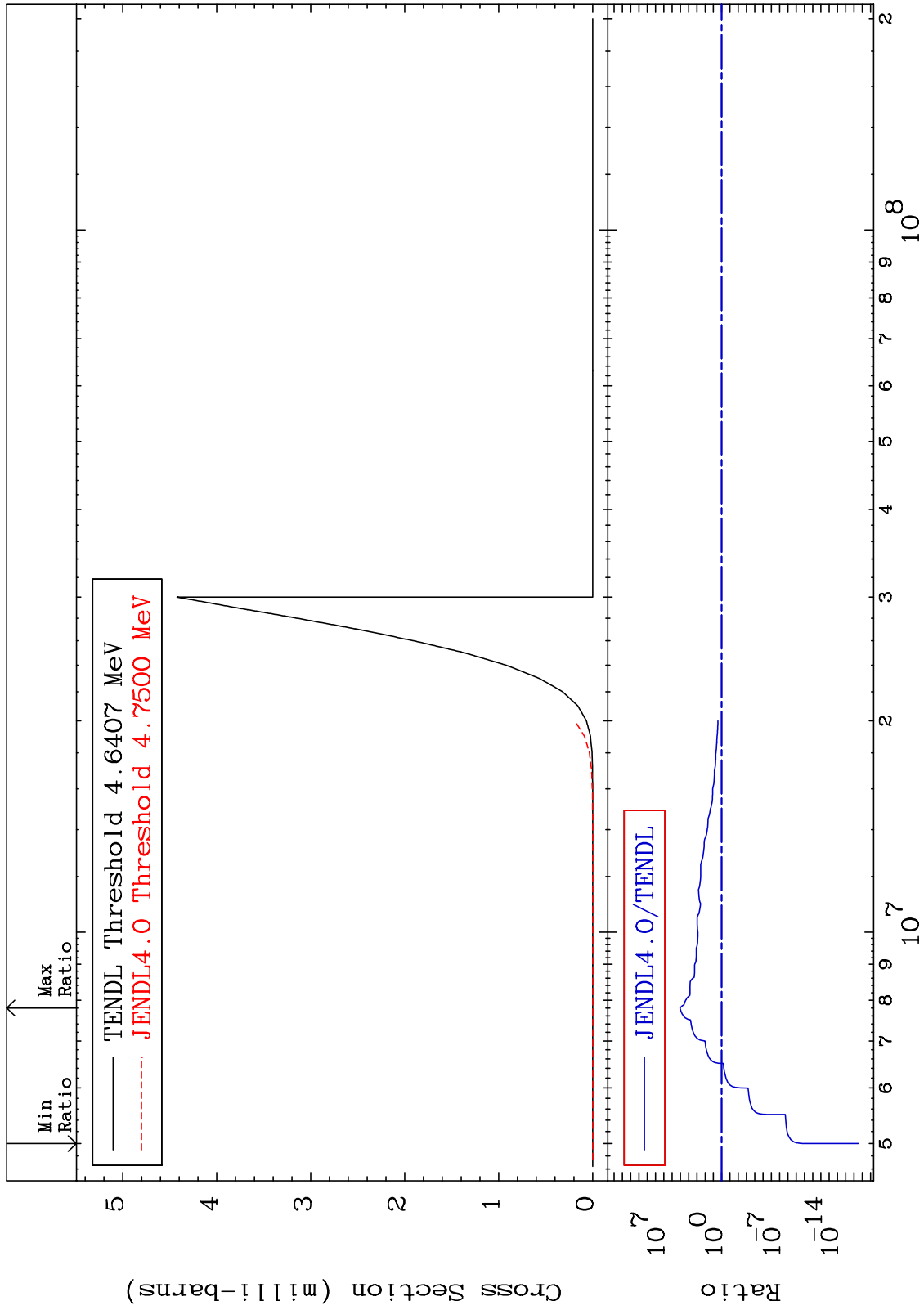


30

Incident Energy (eV)

48-Cd-106

MAT 4825 (n, He-3) 48-Cd-106
 Cross Section -100.0 To 9999. %



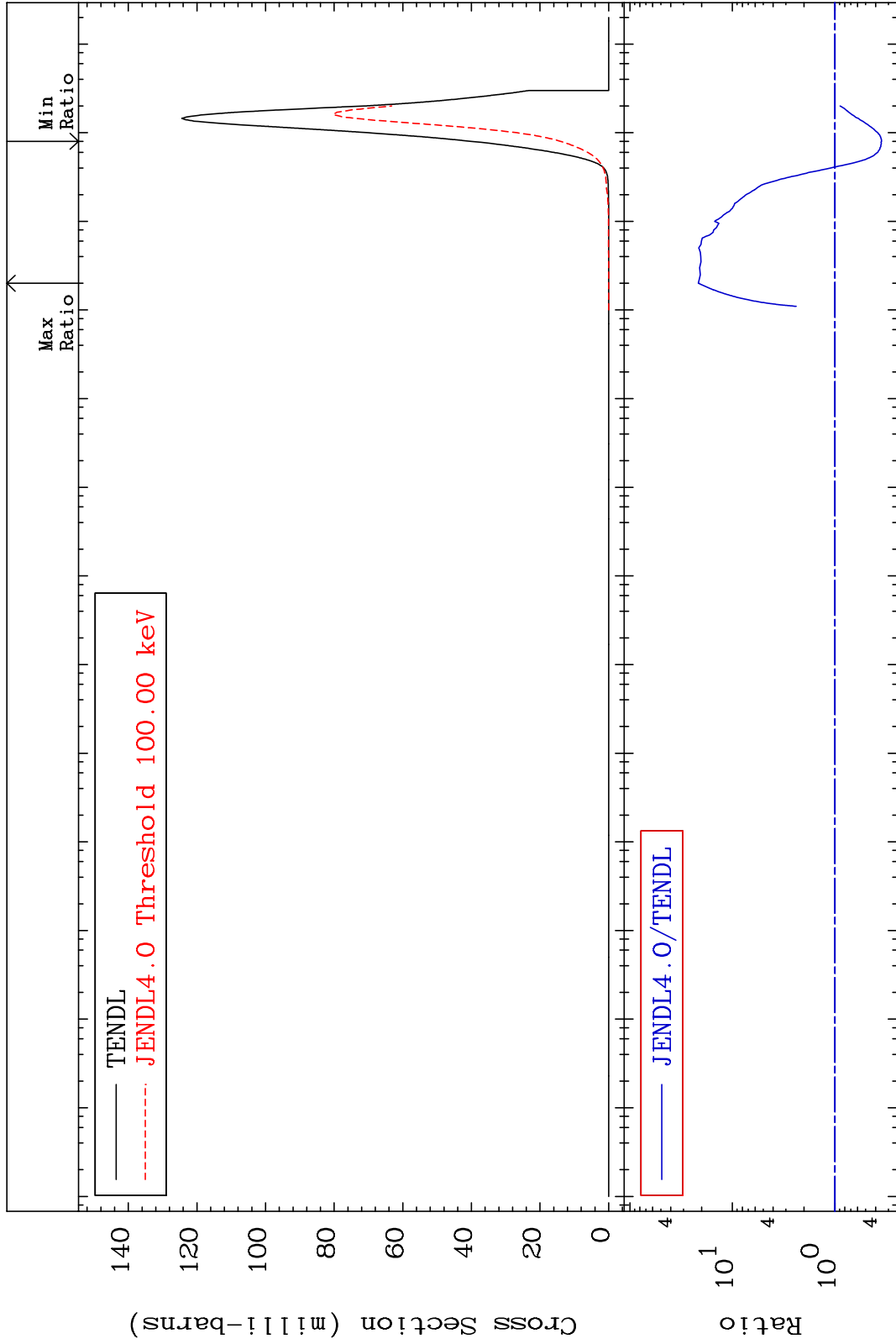
MAT 4825

(n, α)

48-Cd-106

Cross Section

-65.01 To 2049. %

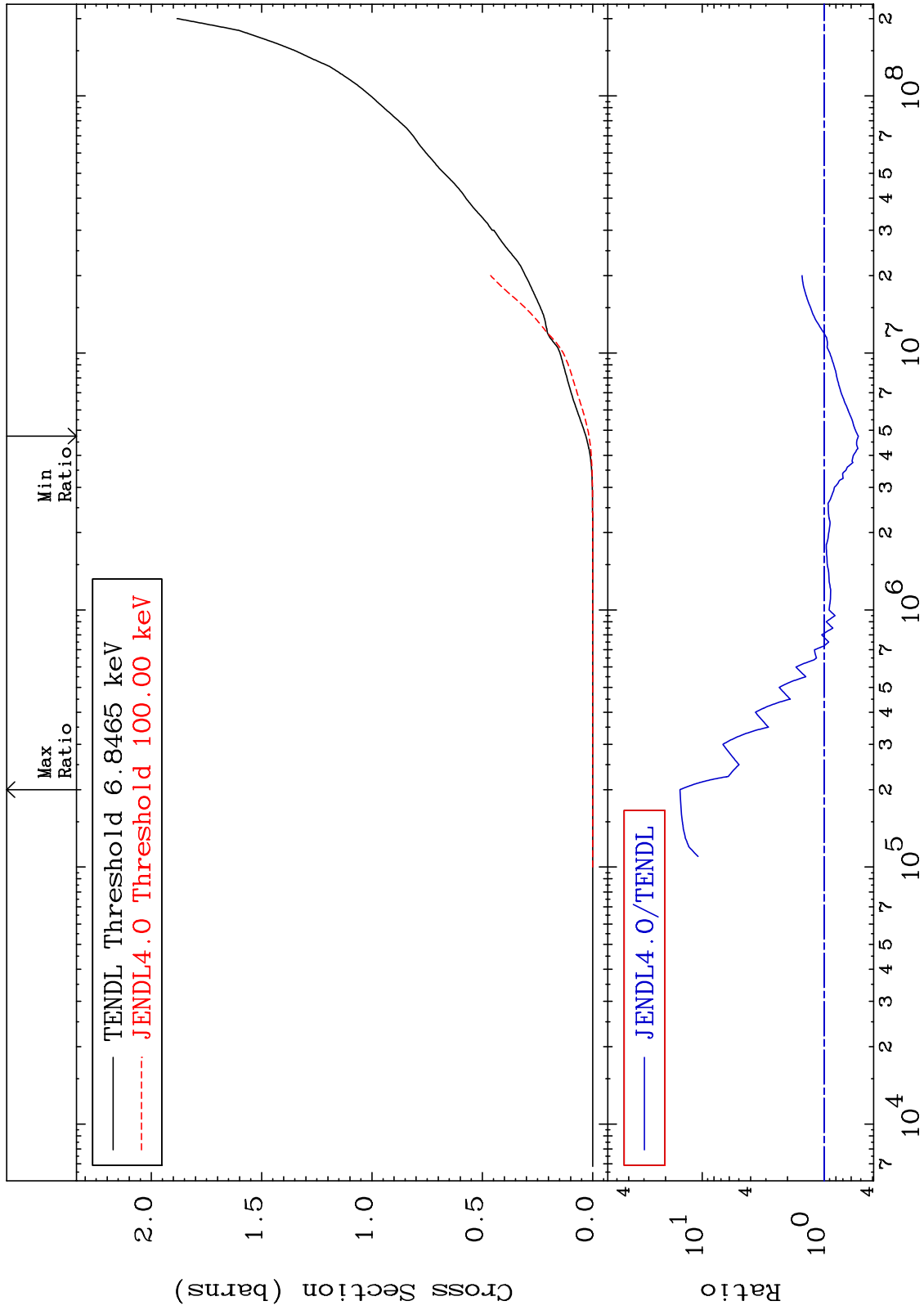


Incident Energy (eV) 48-Cd-106

MAT 4825

Hydrogen Production
Cross Section

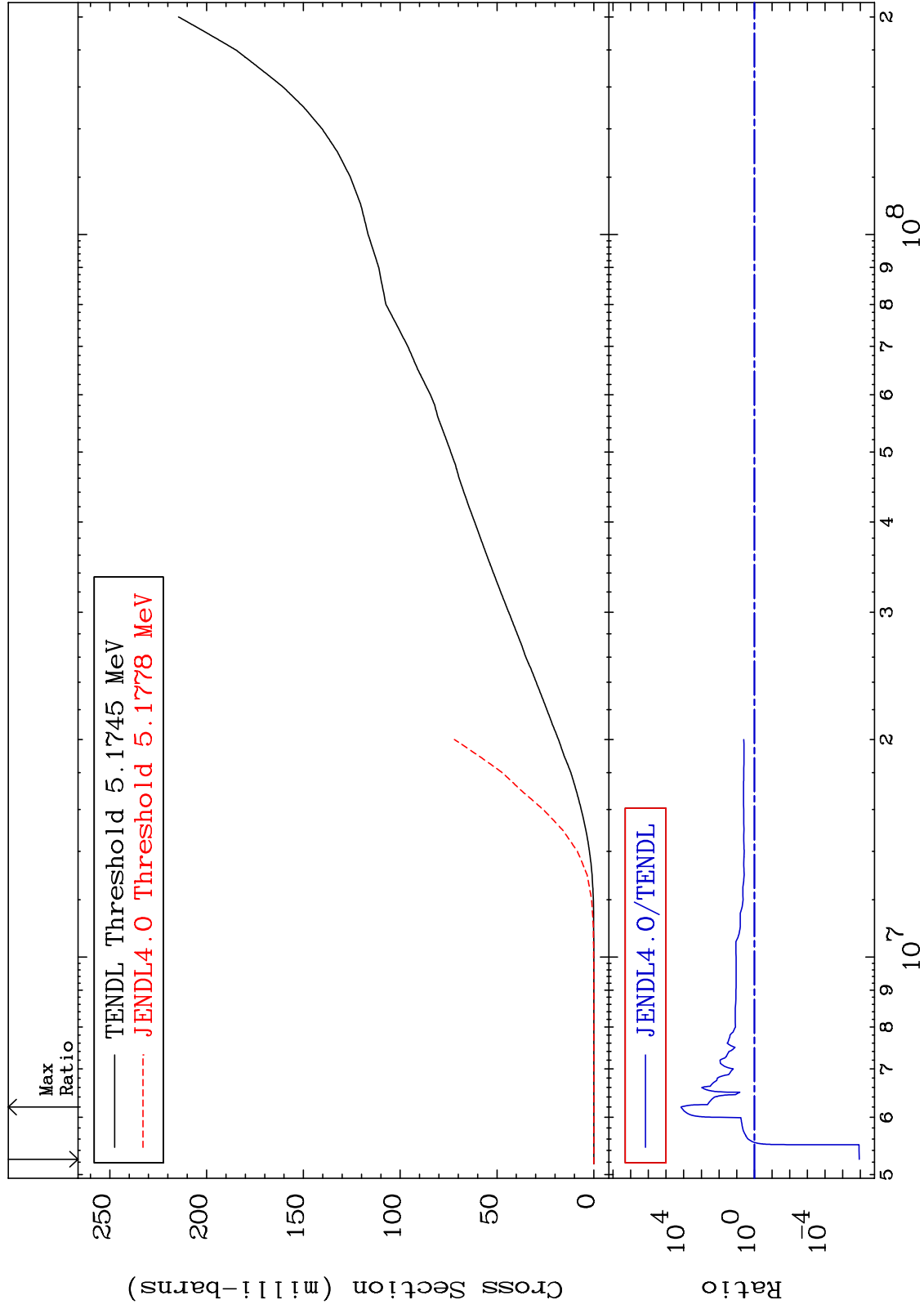
48-Cd-106
-47.70 To 1419. %



MAT 4825

Deuterium Production
Cross Section

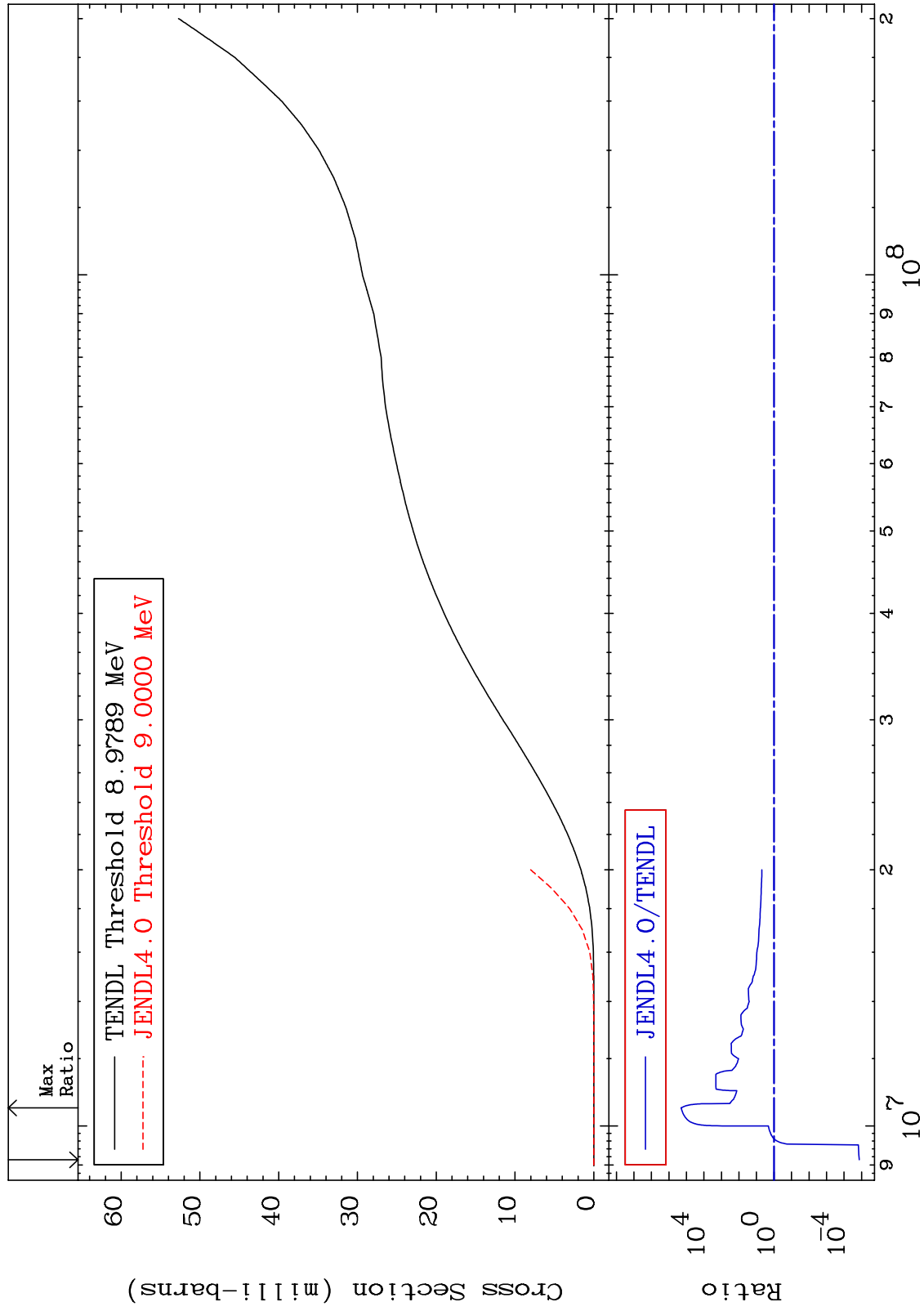
48-Cd-106
-100.0 To 9999. %



MAT 4825

Tritium Production
Cross Section

48-Cd-106
-100.0 To 9999. %



35

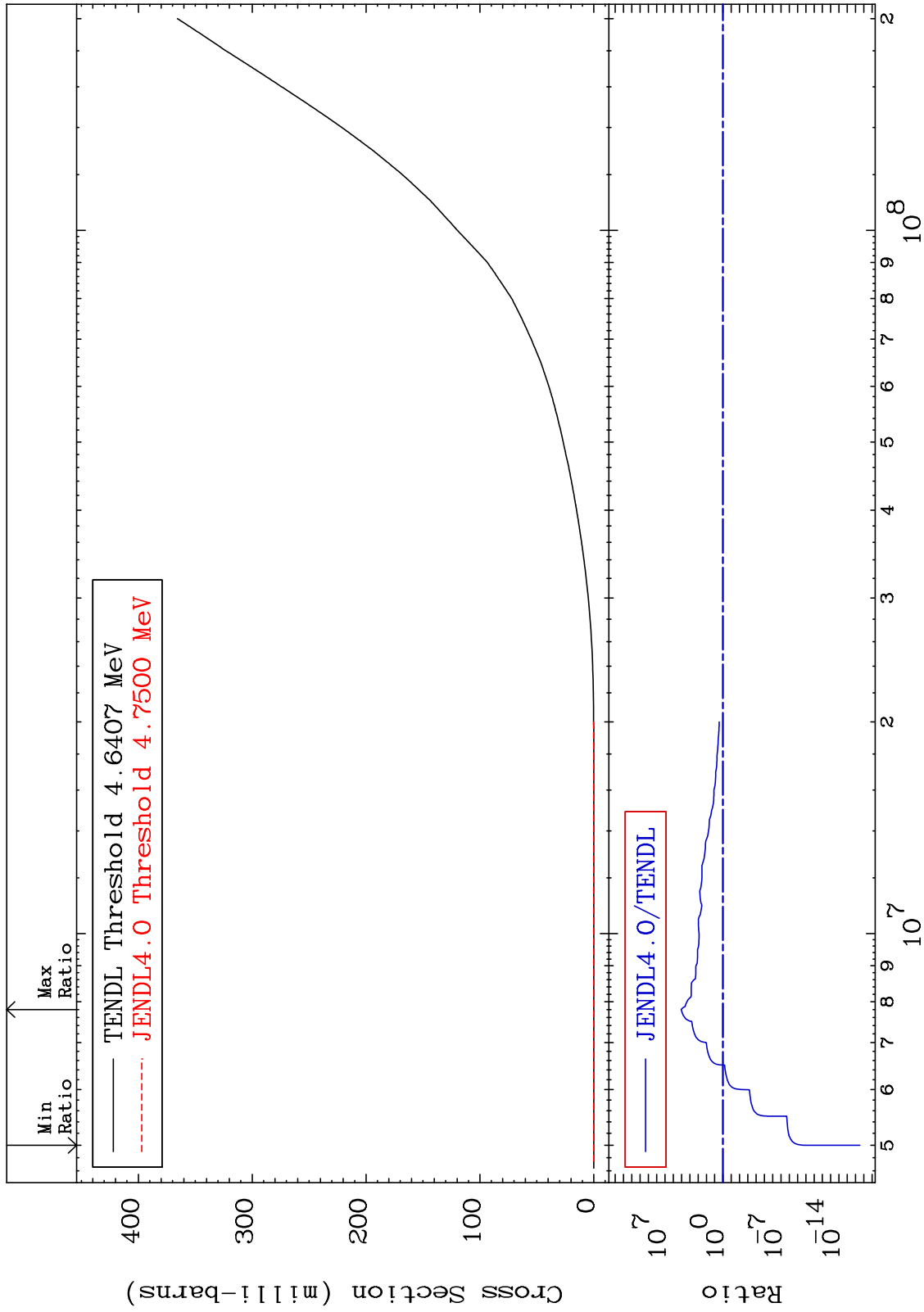
Incident Energy (eV)

48-Cd-106

MAT 4825

He-3 Production
Cross Section

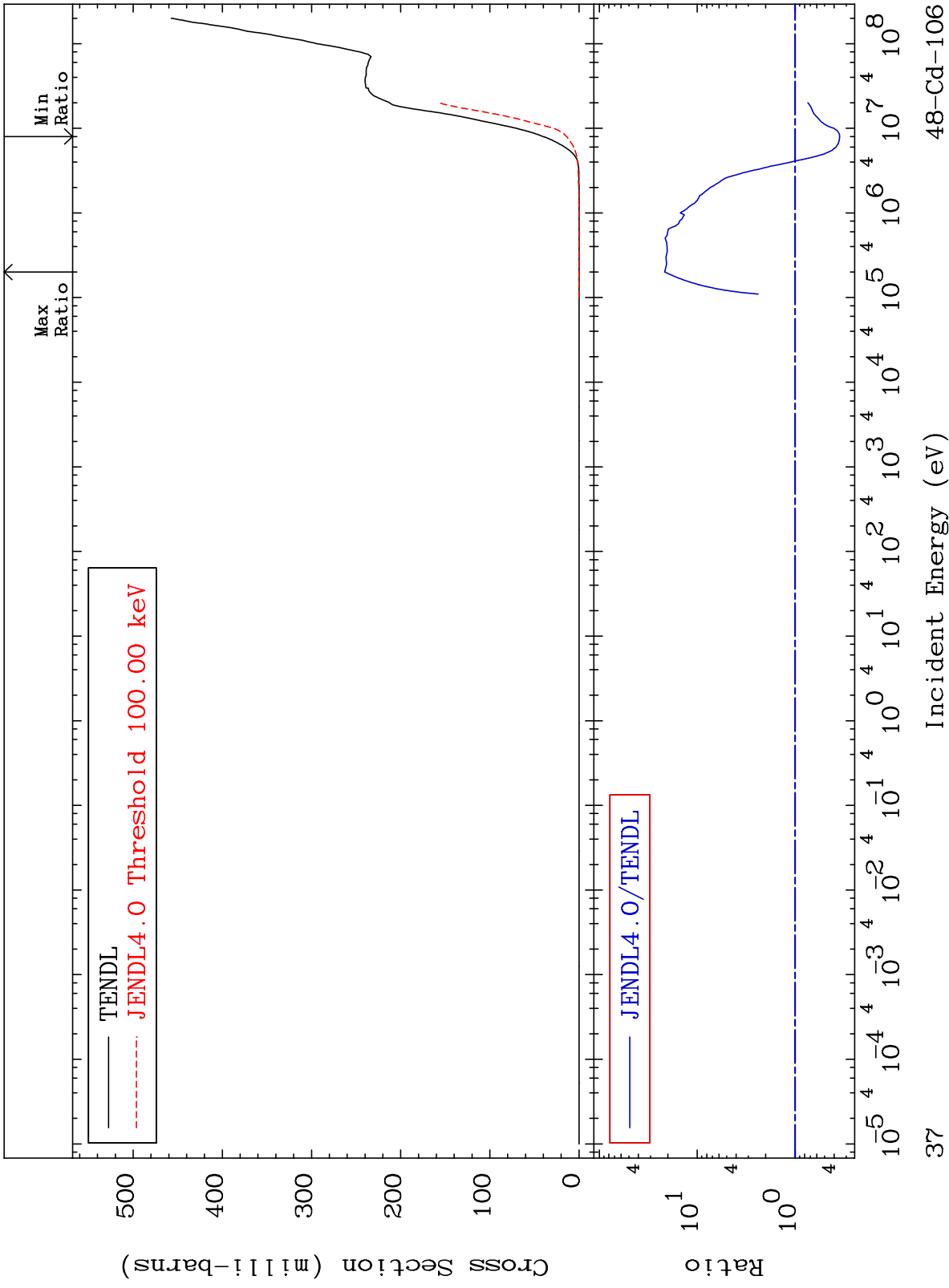
48-Cd-106
-100.0 To 9999. %



MAT 4825

He-4 Production
Cross Section

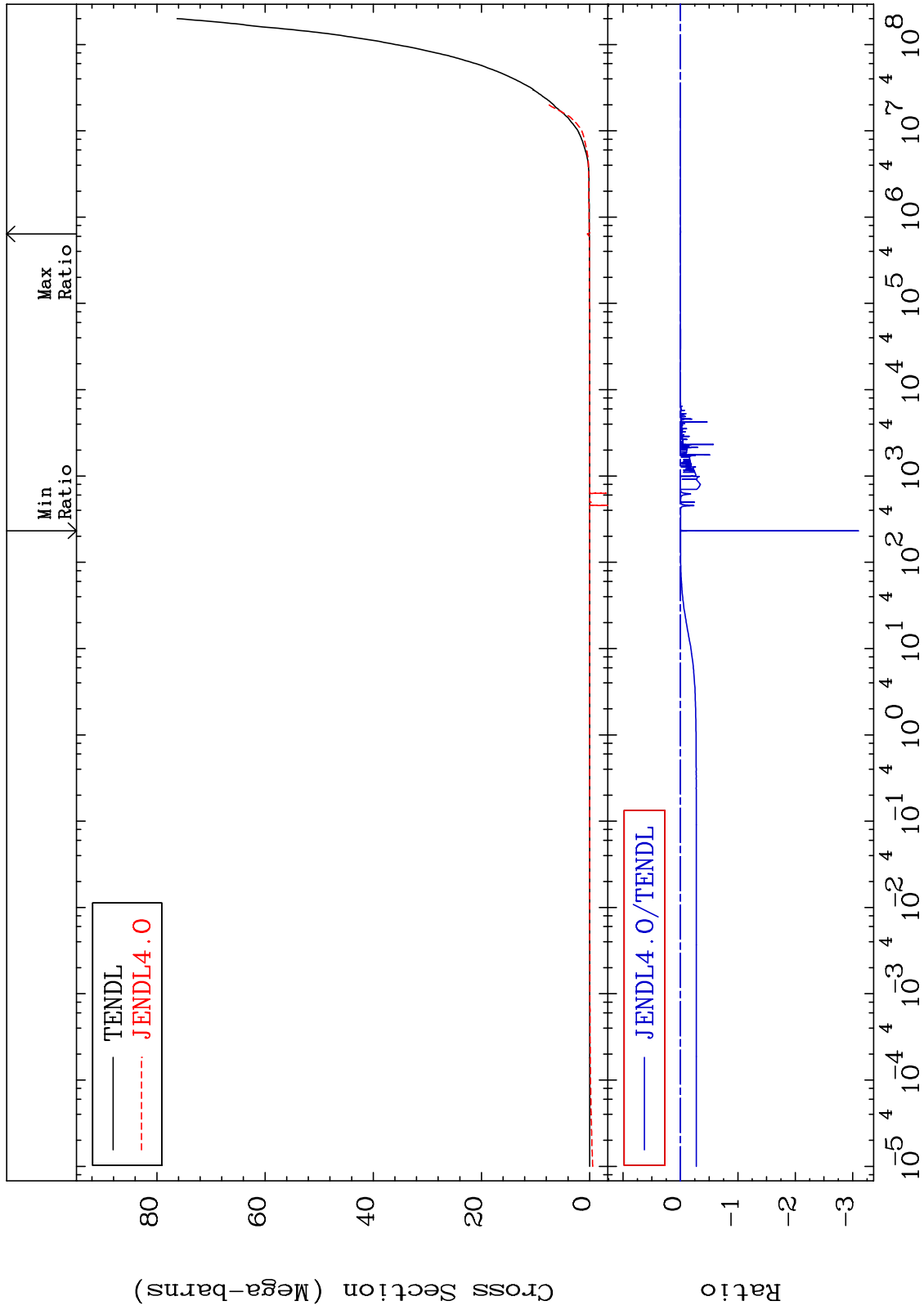
48-Cd-106
-64.98 To 2049. %



MAT 4825

Kerma total (eV-barns)
Cross Section

48-Cd-106
-9999. To 700.6 %



38

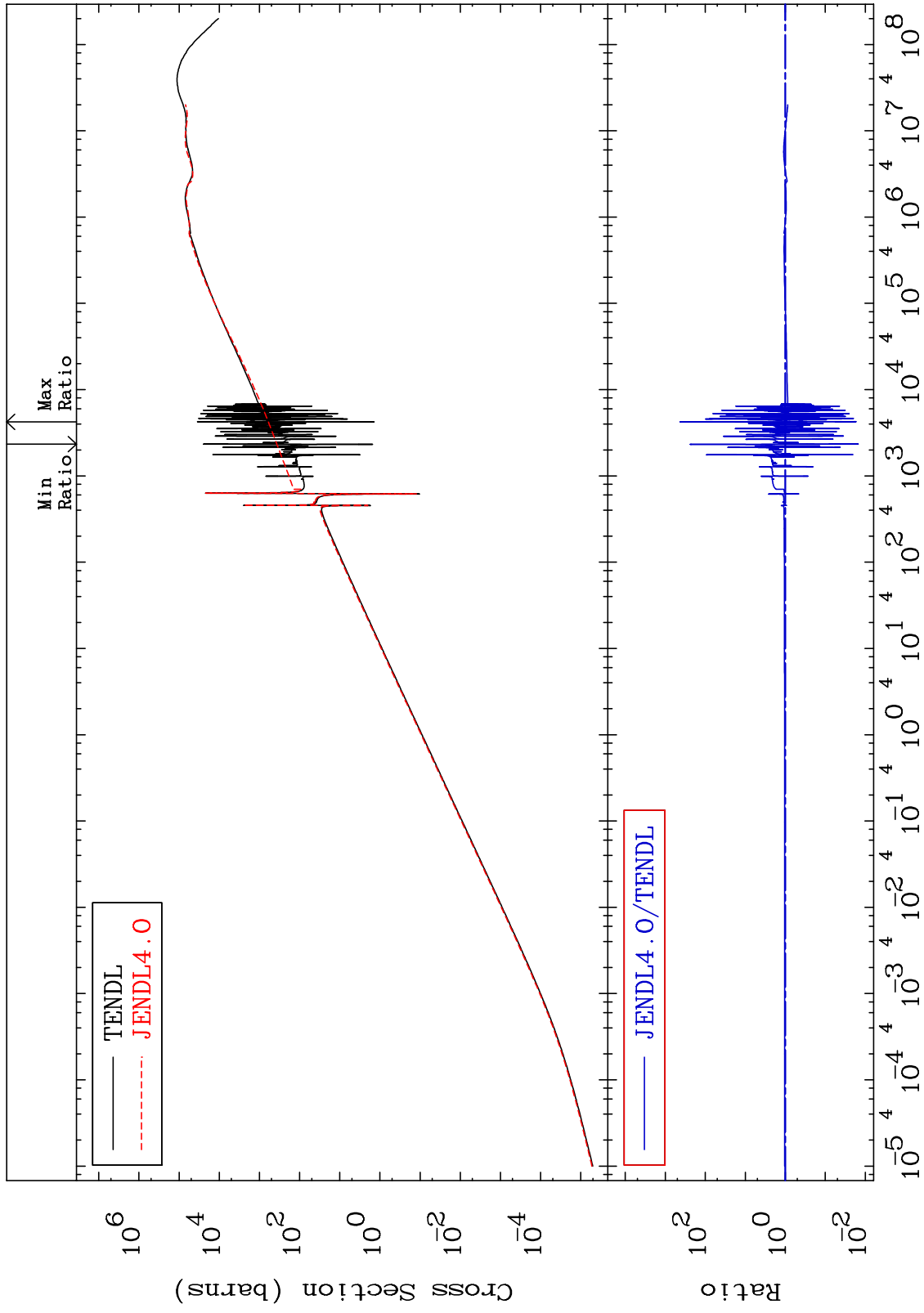
Incident Energy (eV)

48-Cd-106

MAT 4825

Kerma elastic
Cross Section

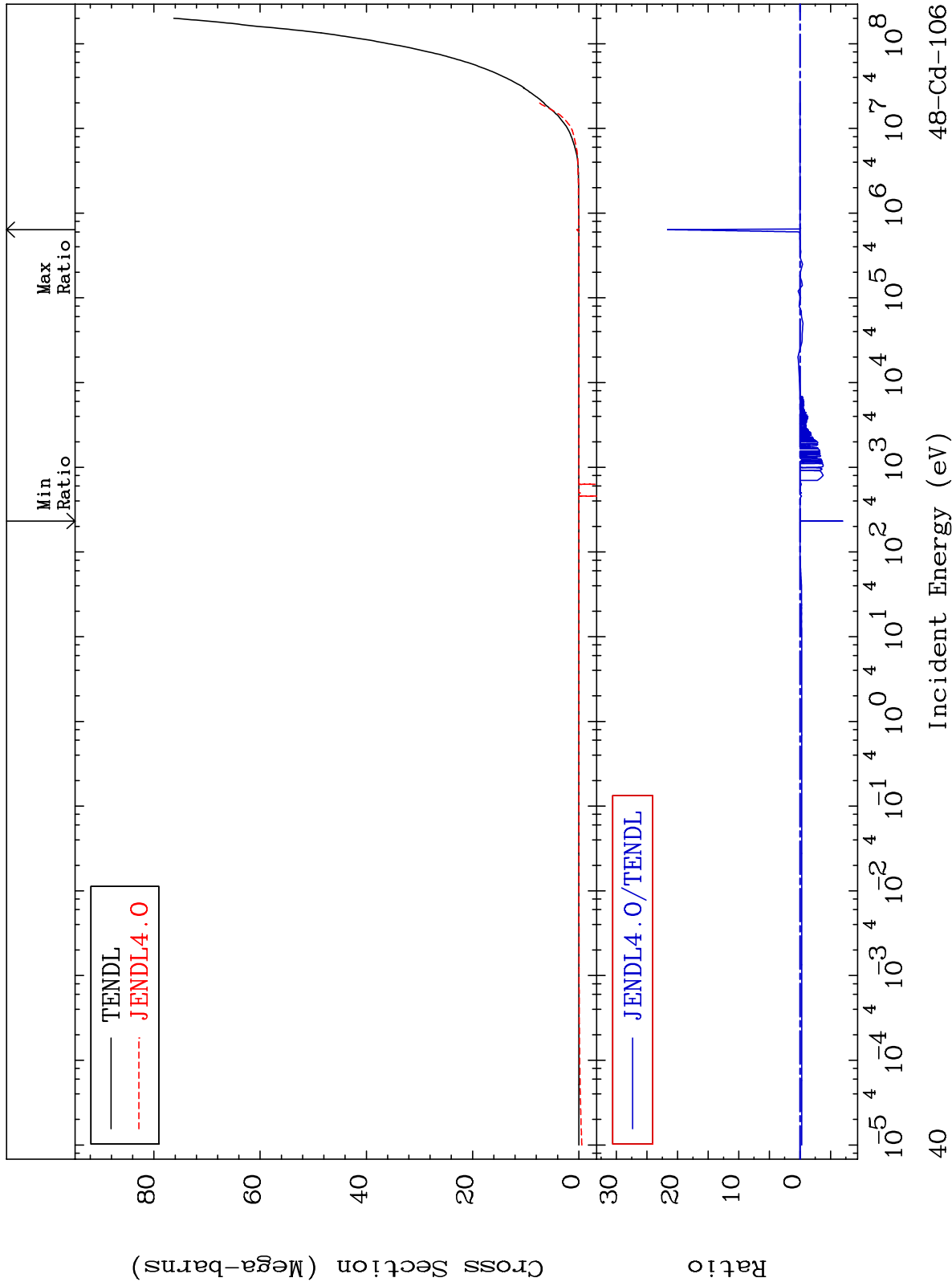
48-Cd-106
-98.51 To 9999. %



MAT 4825

Kerma non-elastic (all but mt2)
Cross Section

48-Cd-106
-9999. To 9999. %

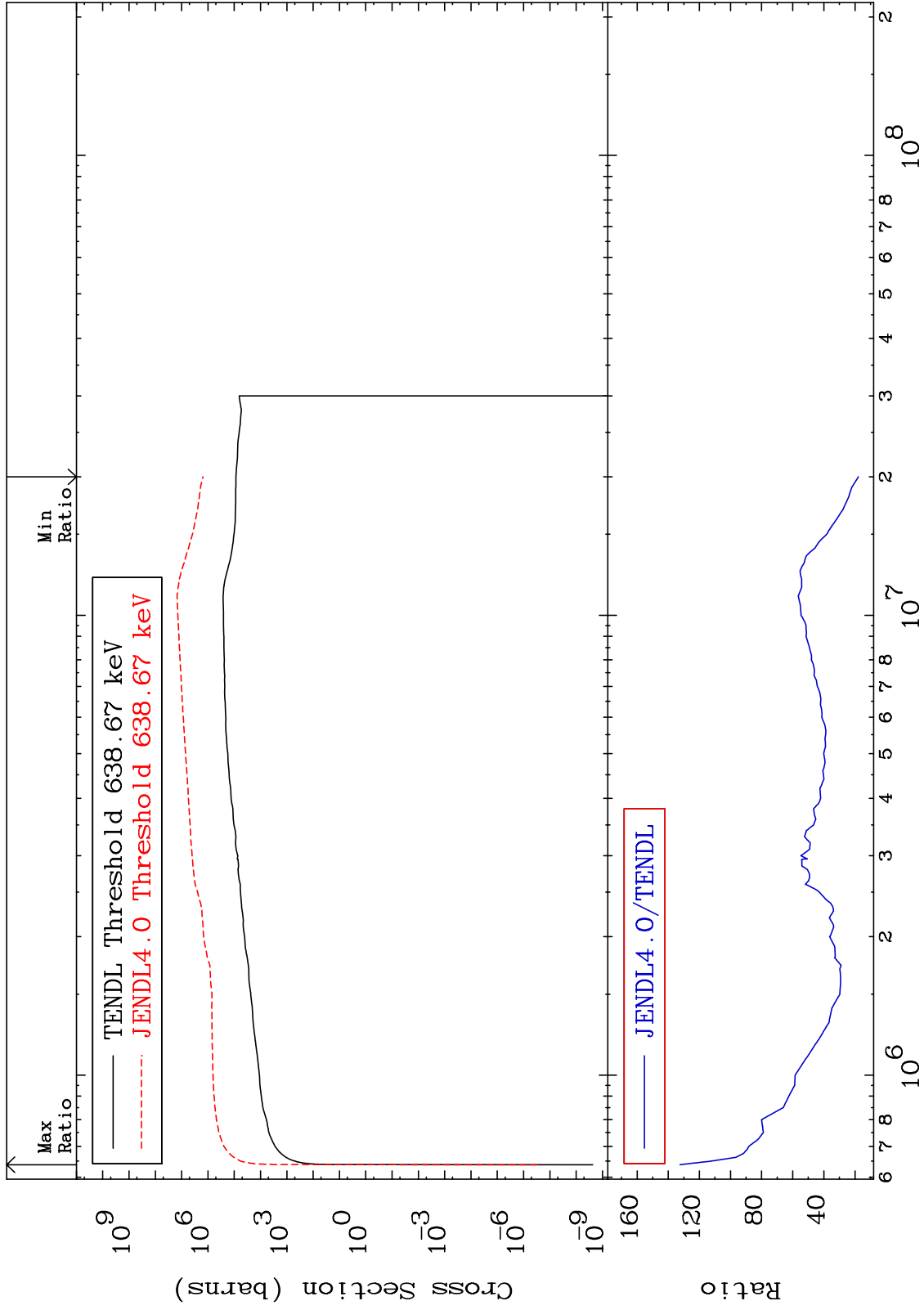


48-Cd-106

MAT 4825

Kerma inelastic (mt51-91)
Cross Section

48-Cd-106
1680. To 9999. %



41

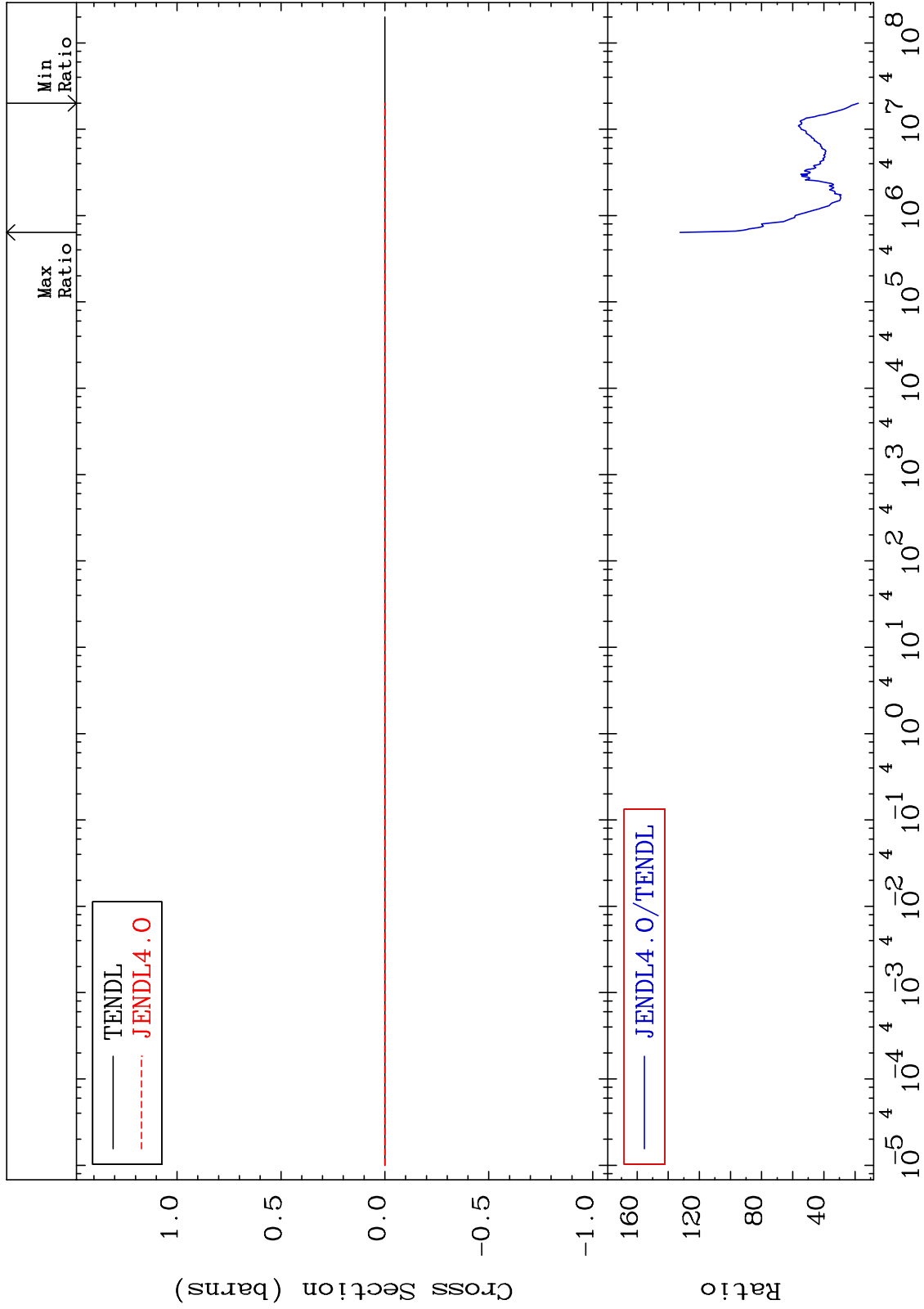
Incident Energy (eV)

48-Cd-106

MAT 4825

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

48-Cd-106
1680. To 9999. %



42

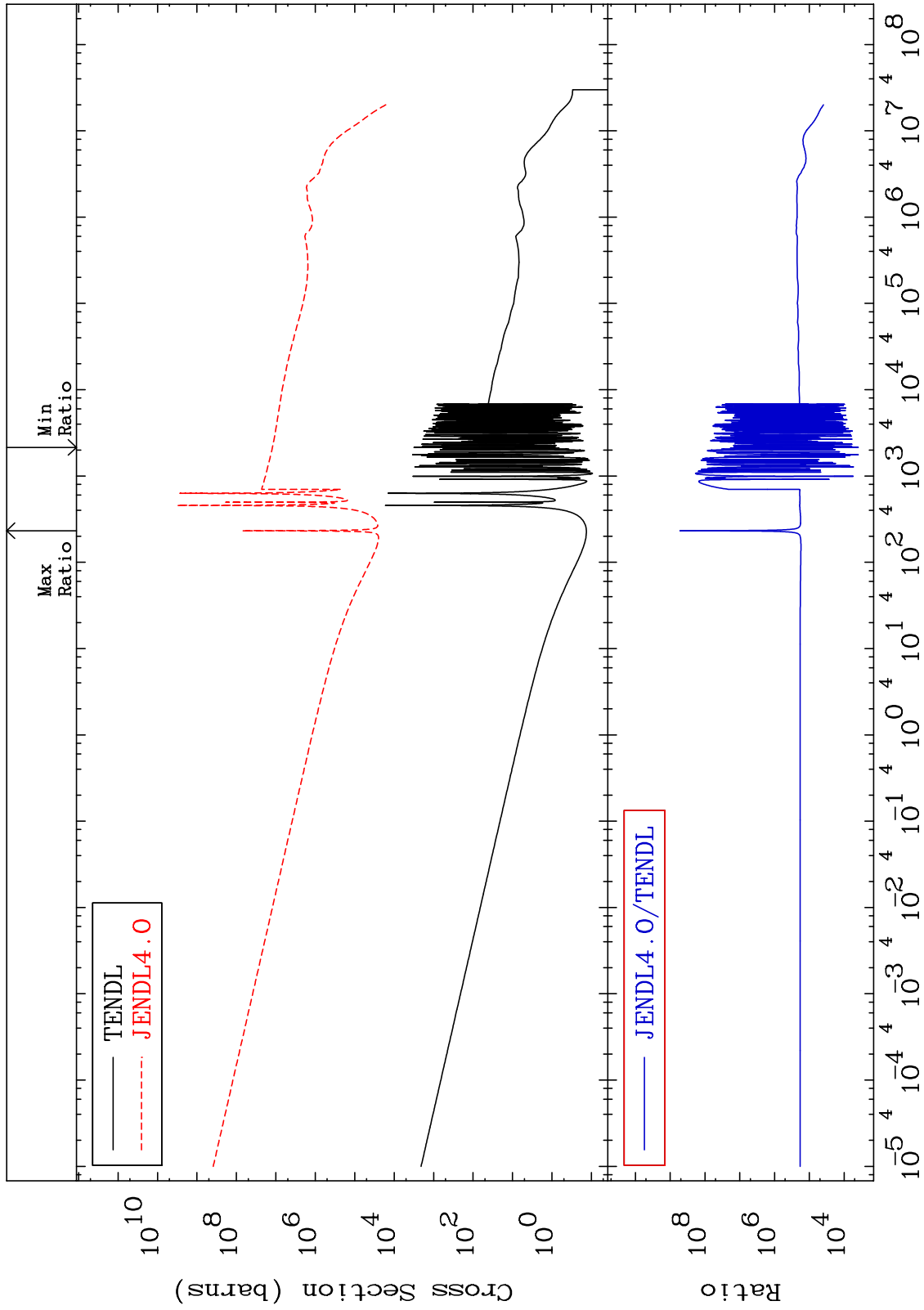
Incident Energy (eV)

48-Cd-106

MAT 4825

Kerma capture (mt102)
Cross Section

48-Cd-106
9999. To 9999. %



43

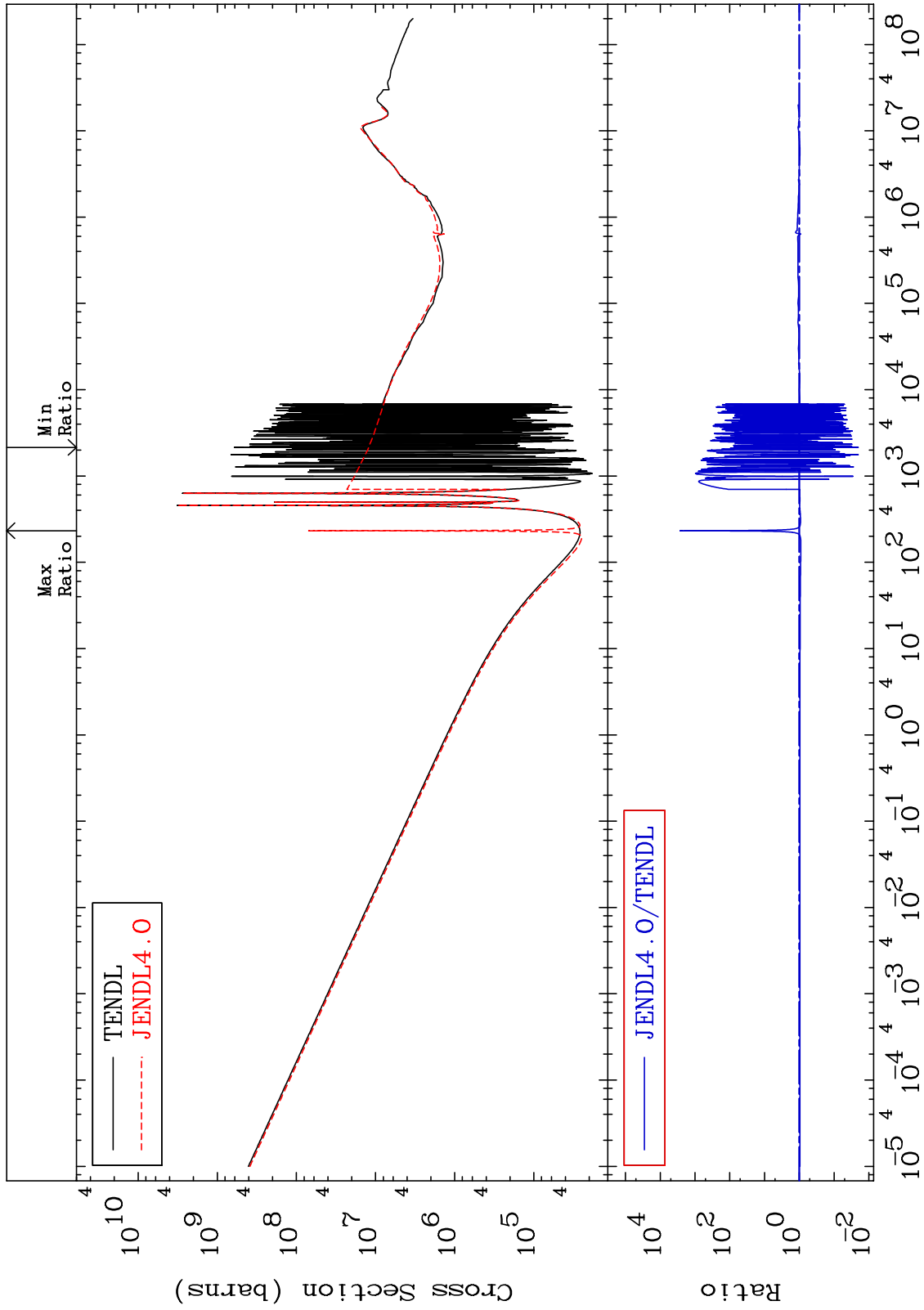
Incident Energy (eV)

48-Cd-106

MAT 4825

Total photon (eV-barns)
Cross Section

48-Cd-106
-98.00 To 9999. %



44

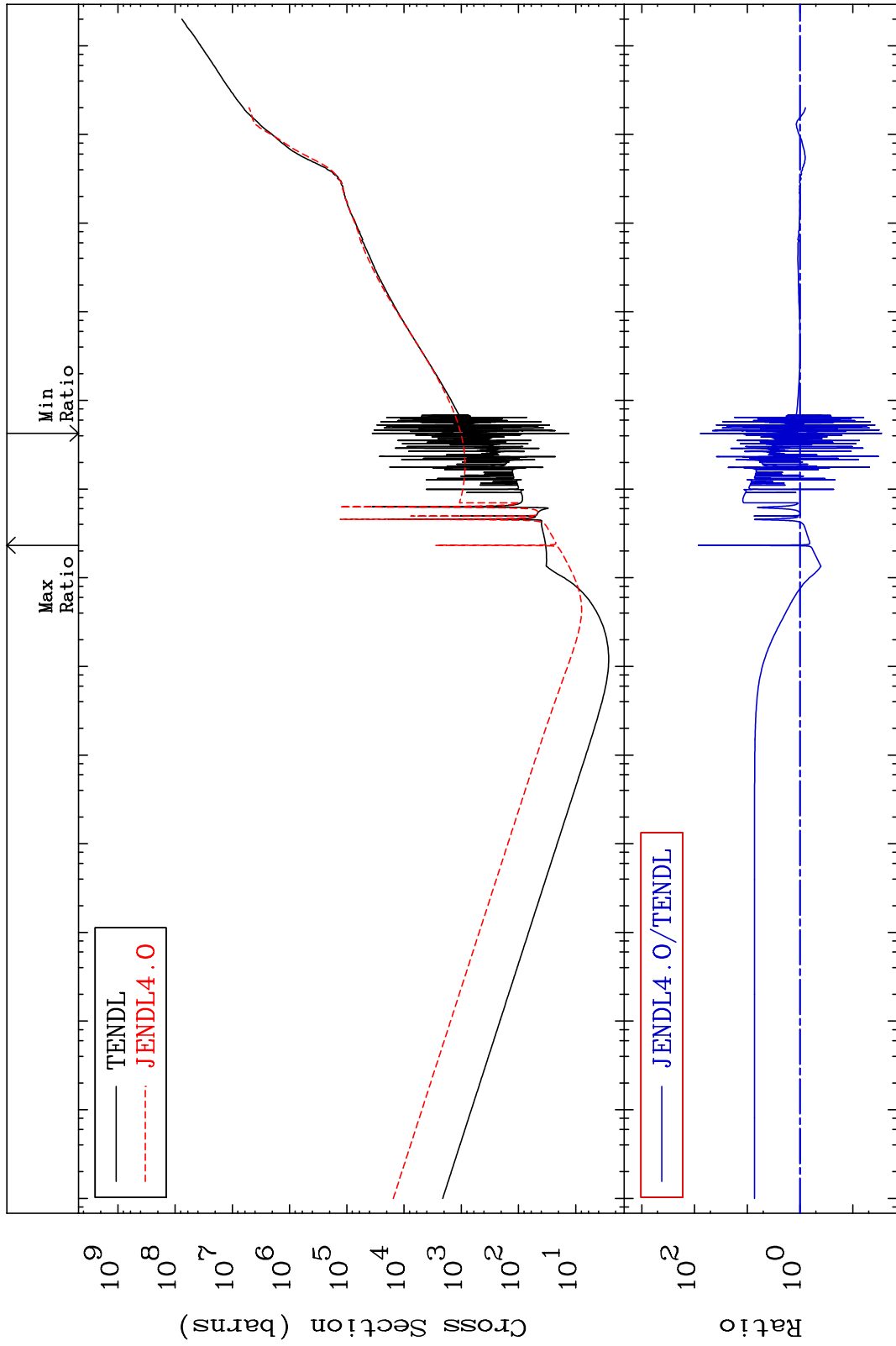
Incident Energy (eV)

48-Cd-106

MAT 4825

Total kinematic kerma (high limit)
Cross Section

48-Cd-106
-97.15 To 8355. %



45

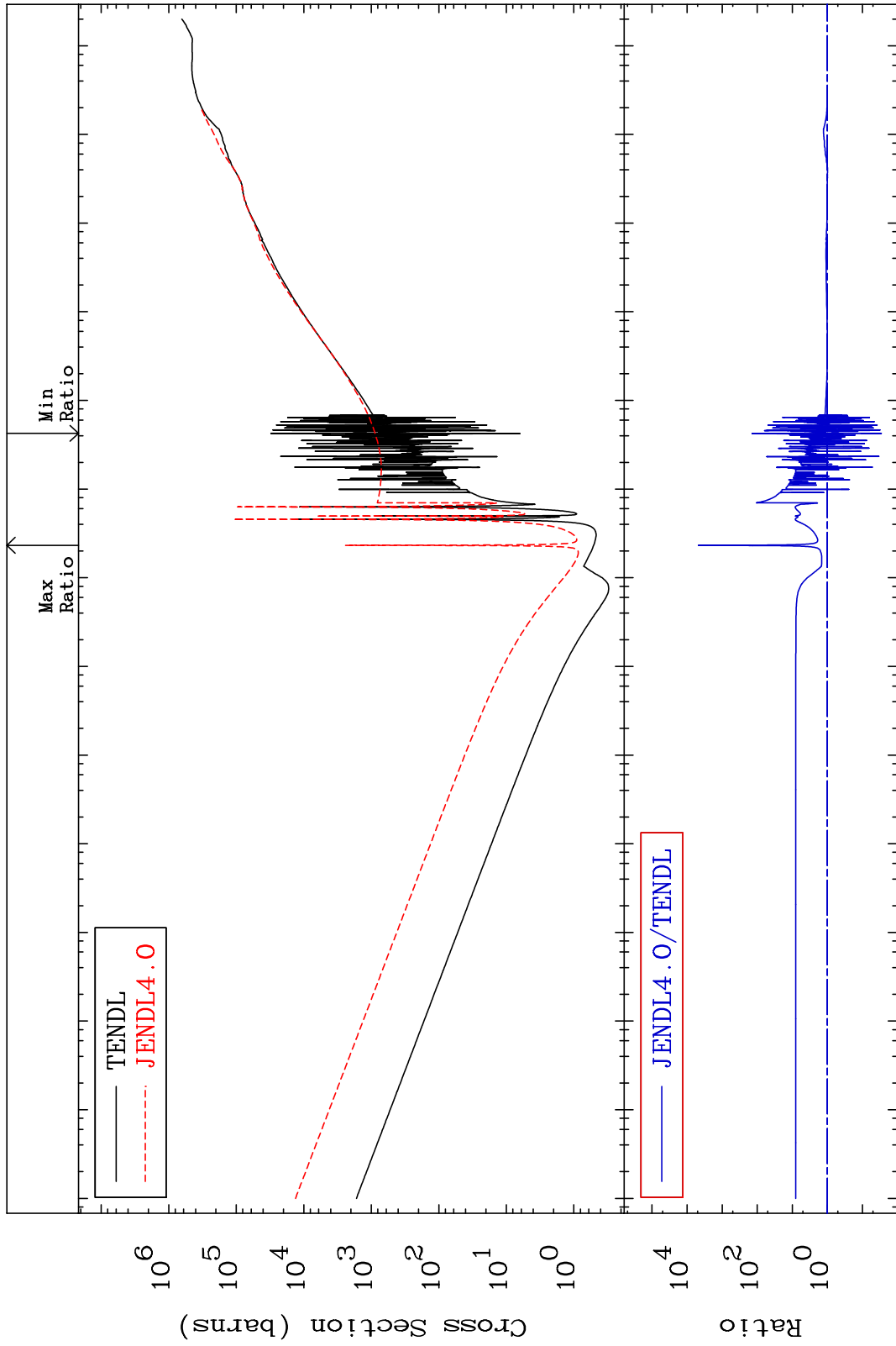
Incident Energy (eV)

48-Cd-106

MAT 4825

Dpa total (eV-barns)
Cross Section

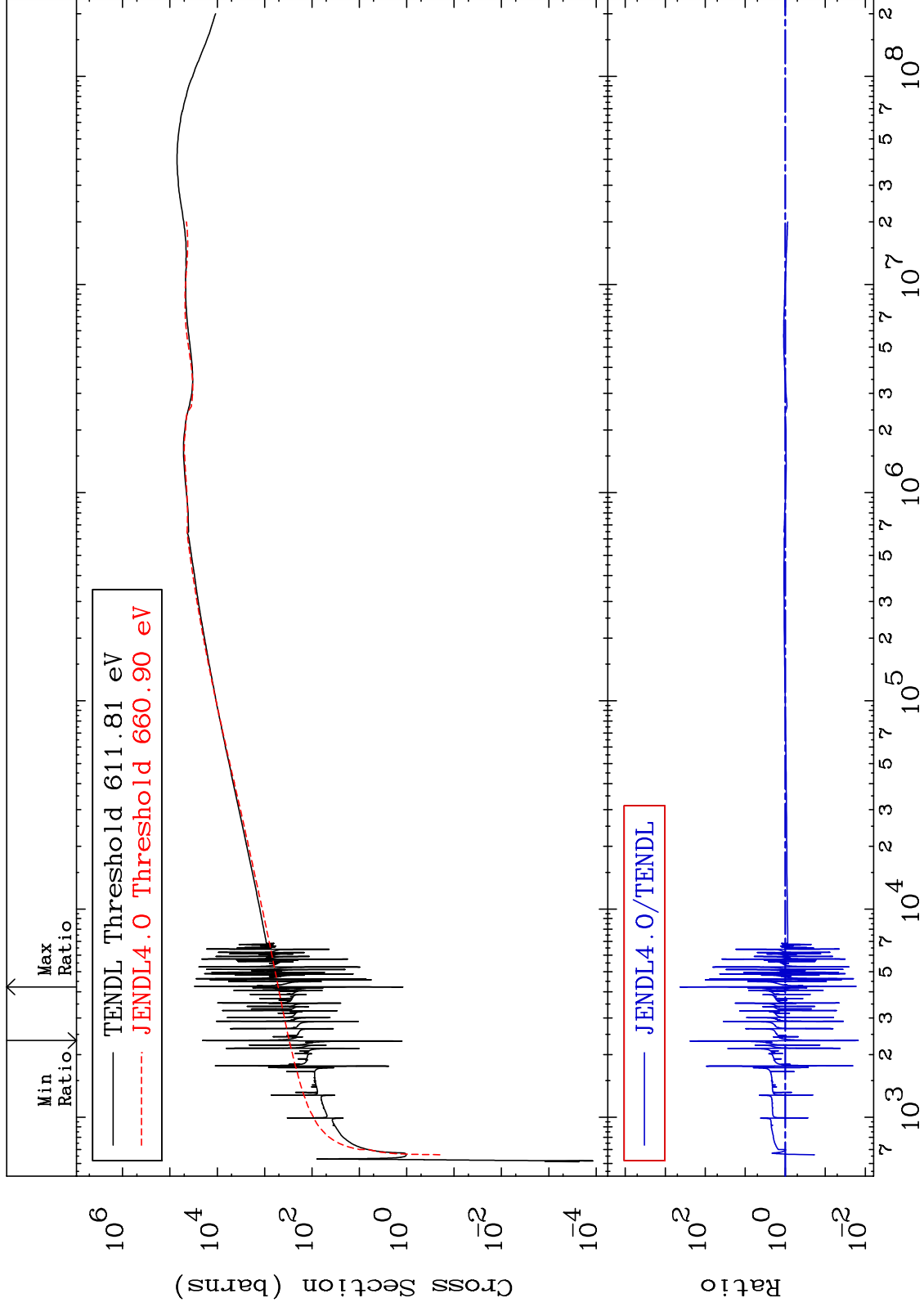
48-Cd-106
-97.15 To 9999. %



MAT 4825

Dpa elastic (mt2)
Cross Section

48-Cd-106
-98.52 To 9999. %



47

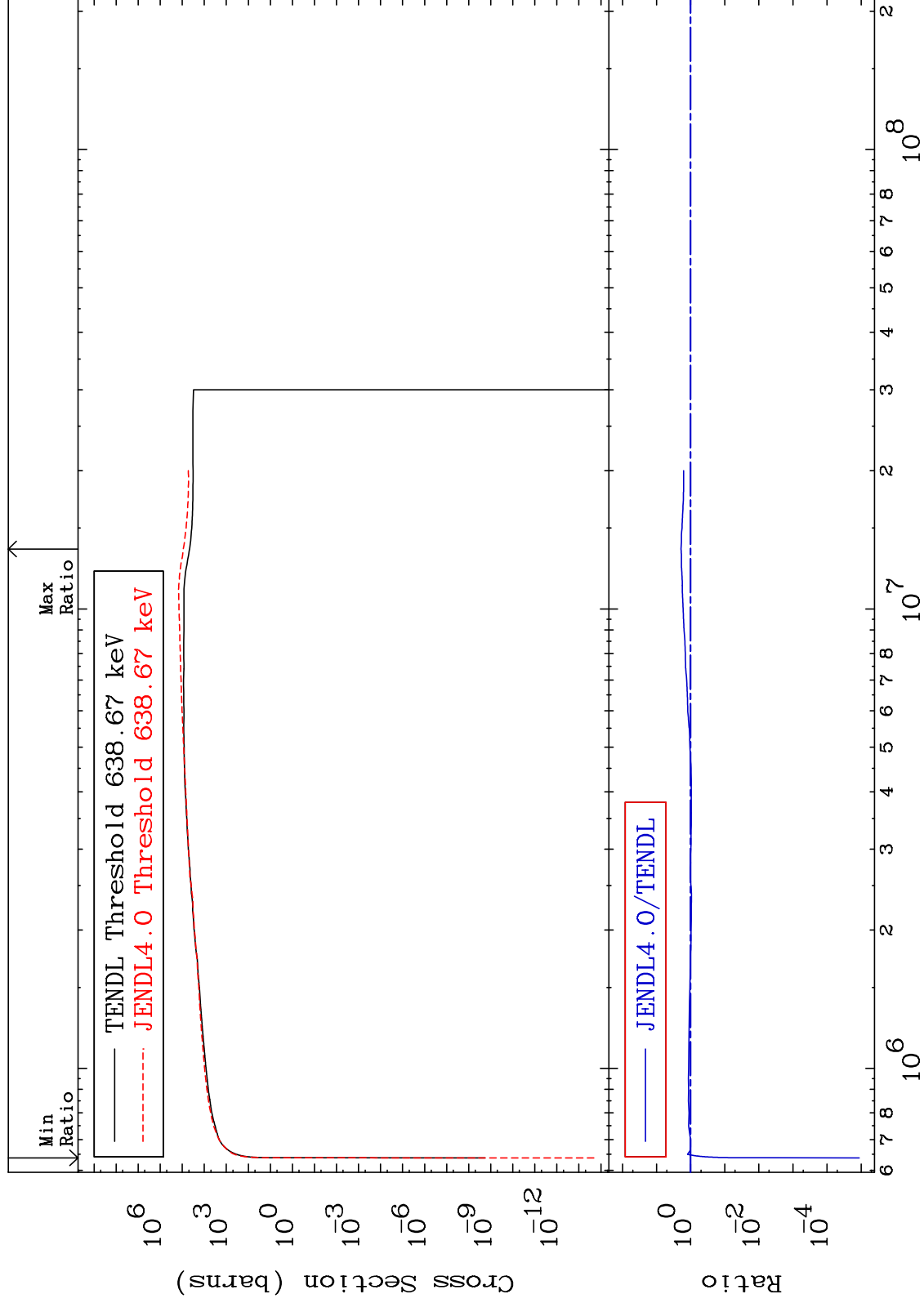
Incident Energy (eV)

48-Cd-106

MAT 4825

Dpa inelastic (mt51-91)
Cross Section

48-Cd-106
-100.0 To 91.56 %



48

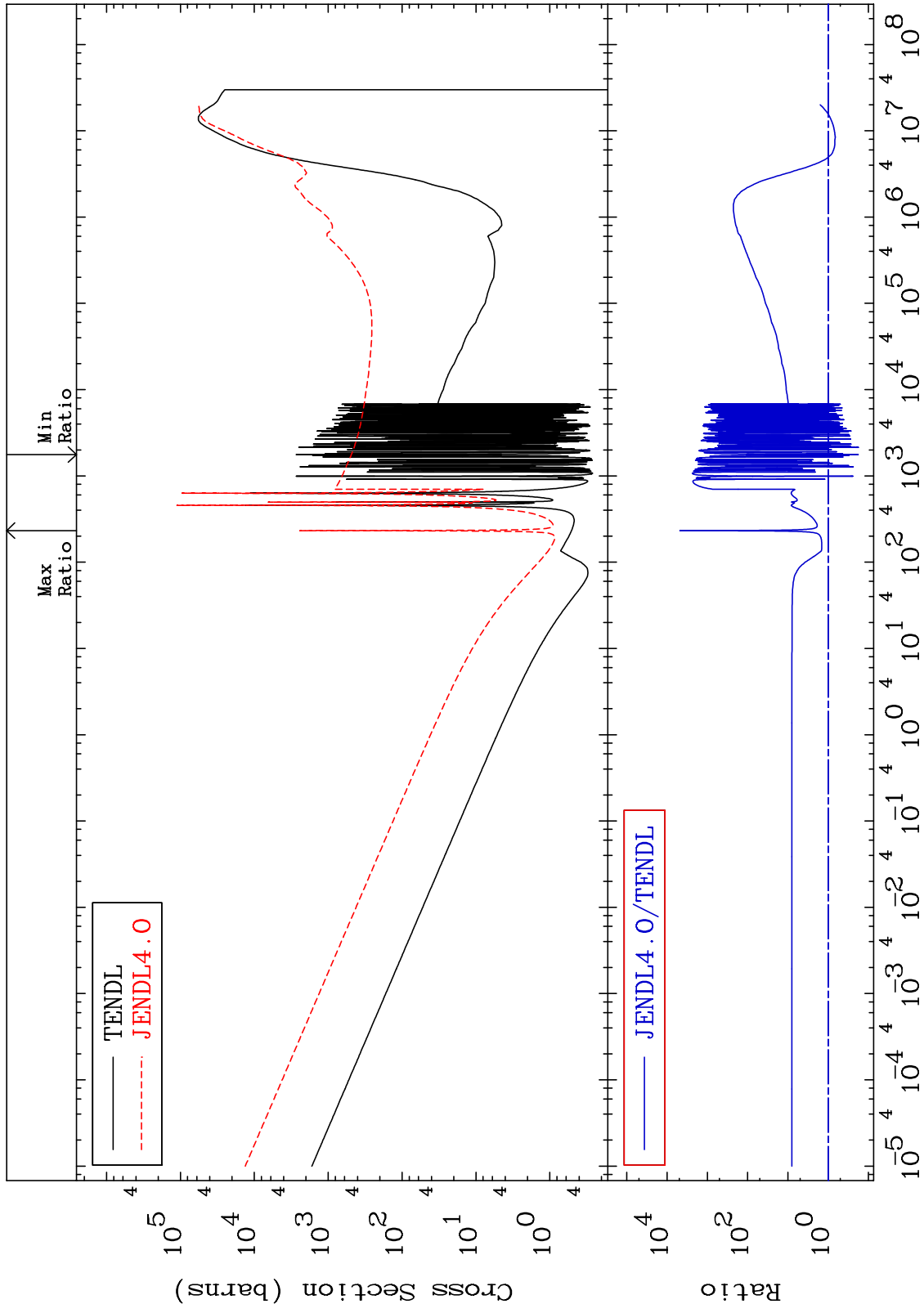
Incident Energy (eV)

48-Cd-106

MAT 4825

Dpa disappearance (mt102 -120)
Cross Section

48-Cd-106
-82.20 To 9999. %



49

Incident Energy (eV)

48-Cd-106