

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

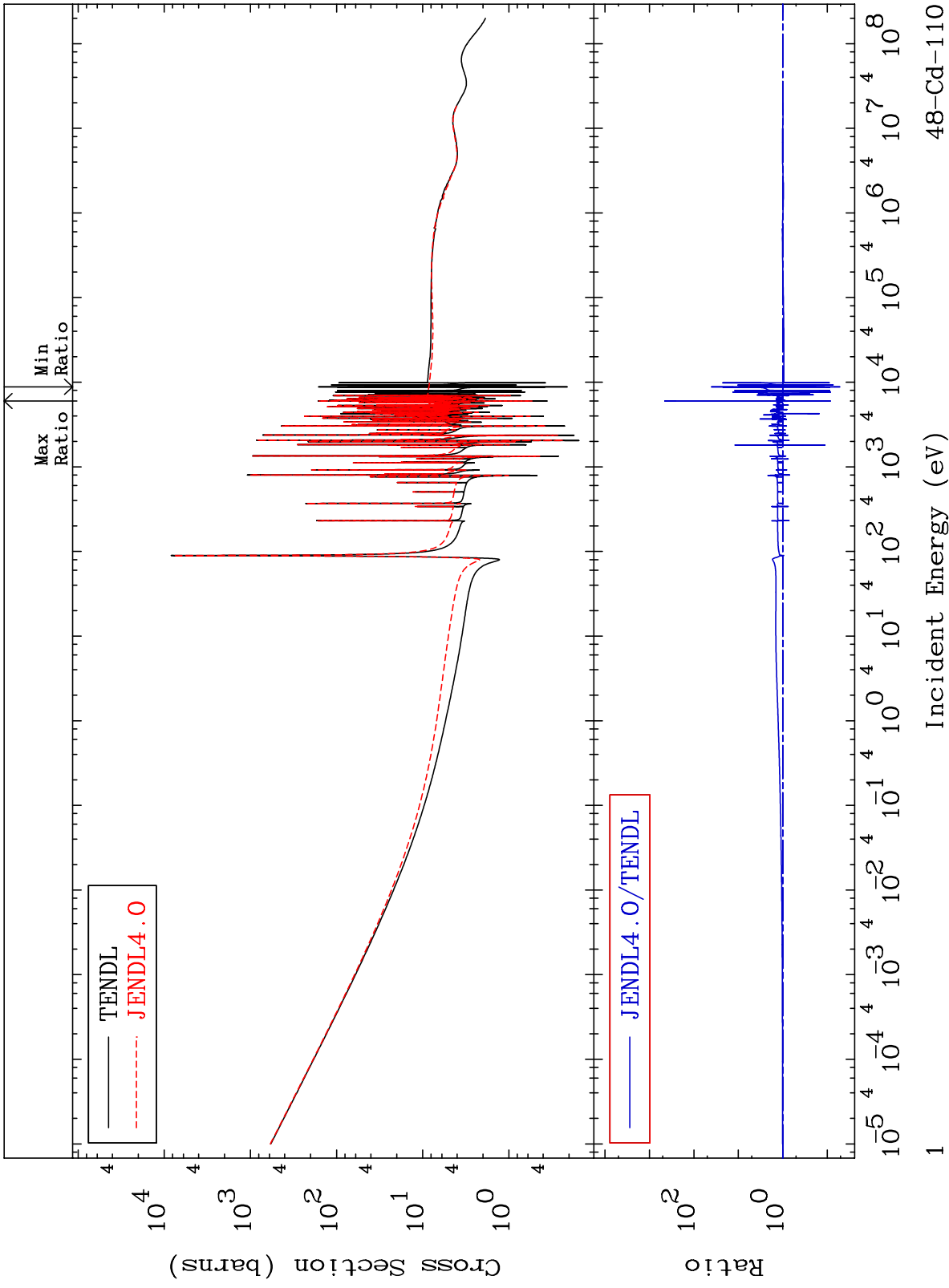
MAT 4837

Total

48-Cd-110

Cross Section

-94.78 To 9999. %

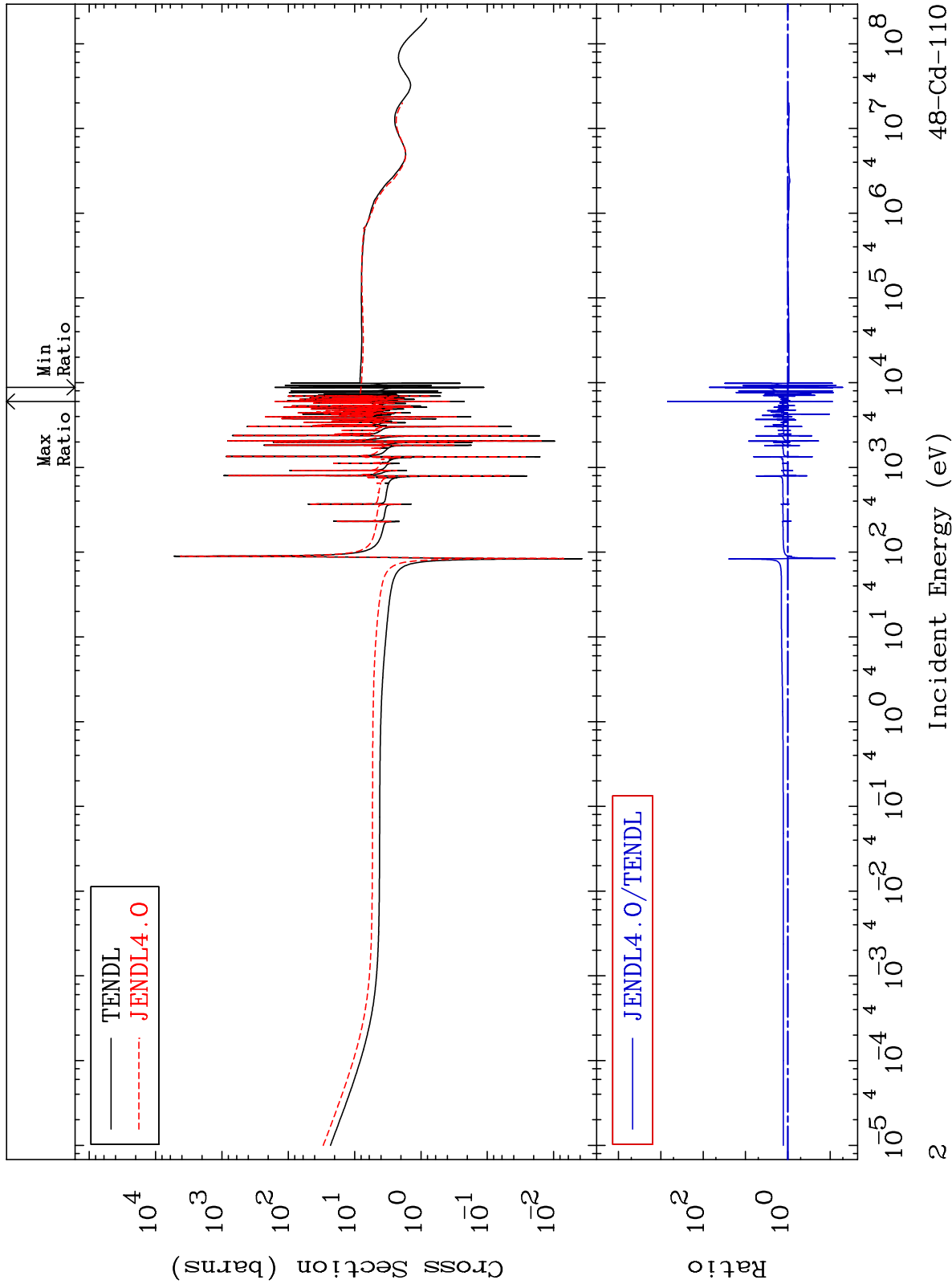


48-Cd-110

MAT 4837

Elastic
Cross Section

48-Cd-110
-94.94 To 9999. %

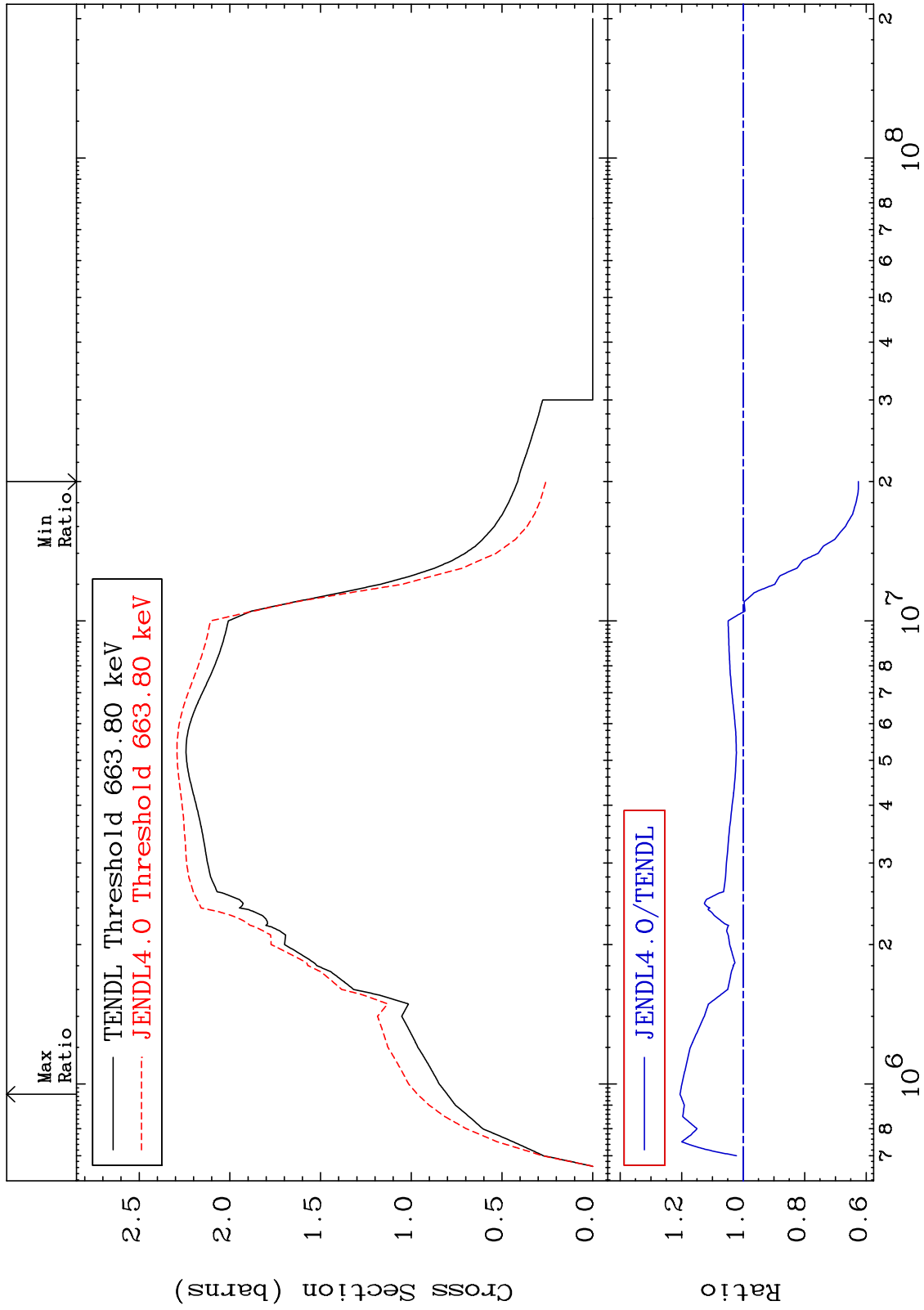


48-Cd-110

Incident Energy (eV)

2

MAT 4837 Inelastic Cross Section 48-Cd-110 -37.48 To 20.52 %



3 48-Cd-110

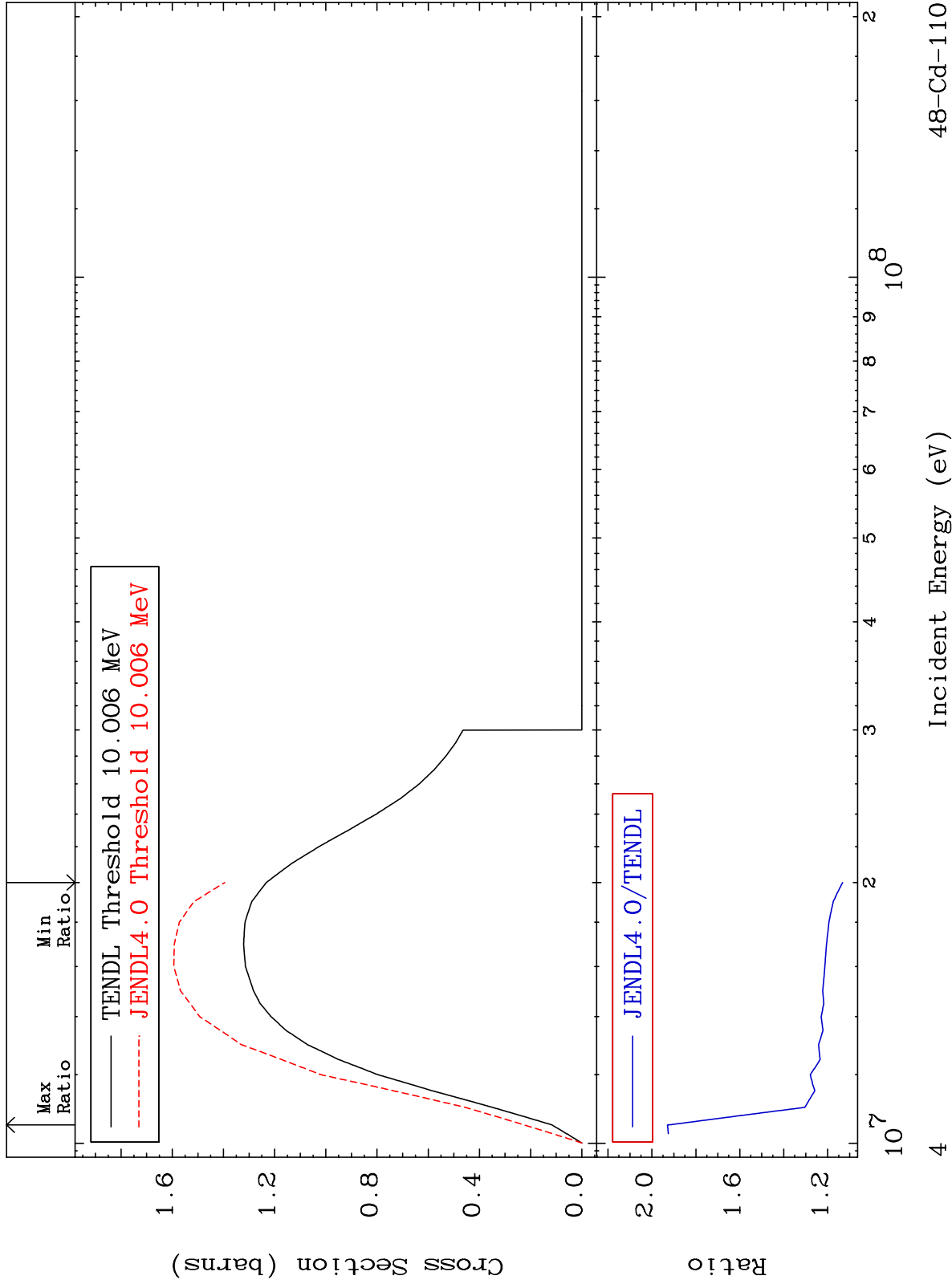
MAT 4837

(n,2n)

48-Cd-110

13.19 To 92.89 %

Cross Section



MAT 4837

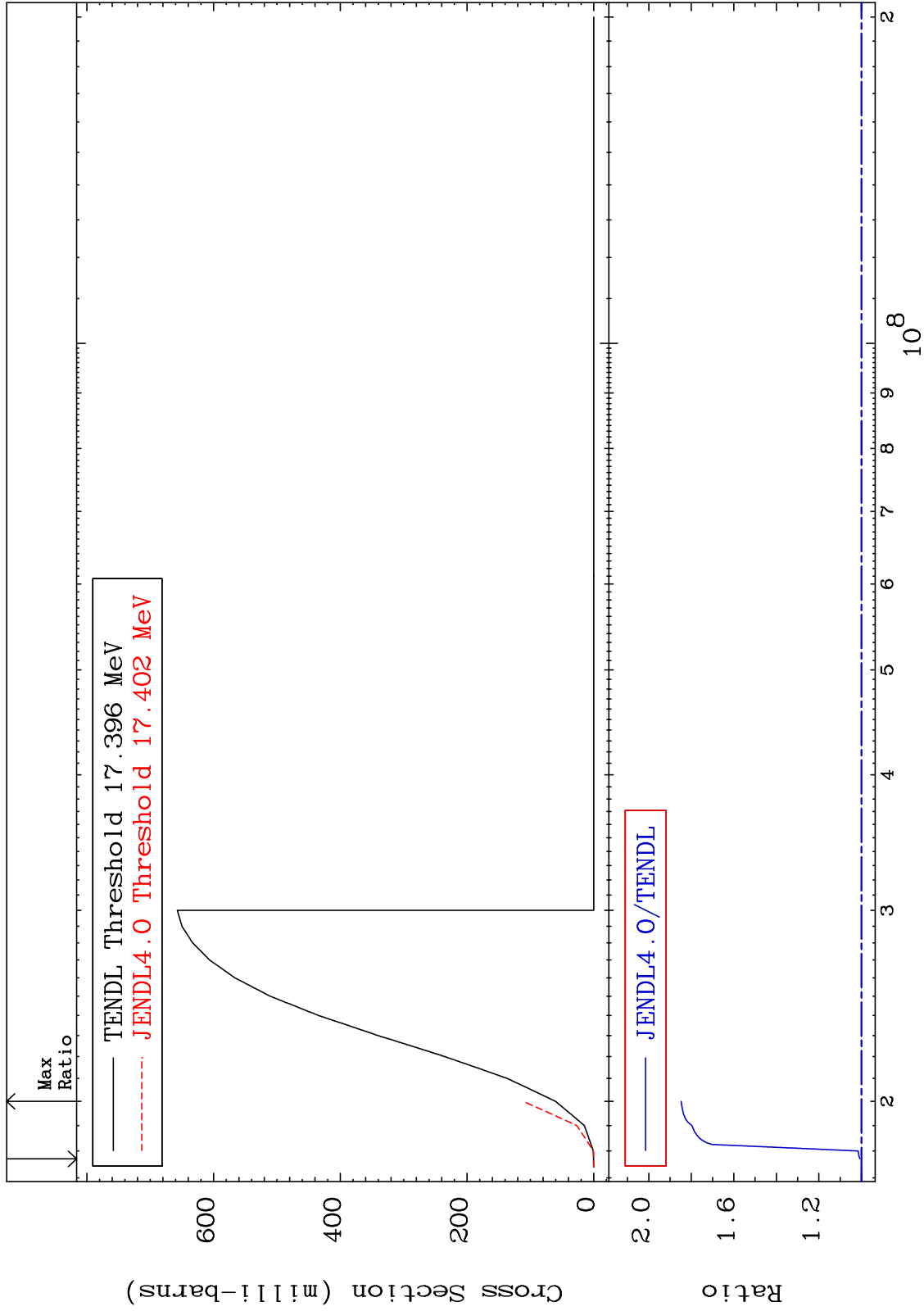
(n,3n)

48-Cd-110

Cross Section

0.705

To 84.74 %



5

Incident Energy (eV)

48-Cd-110

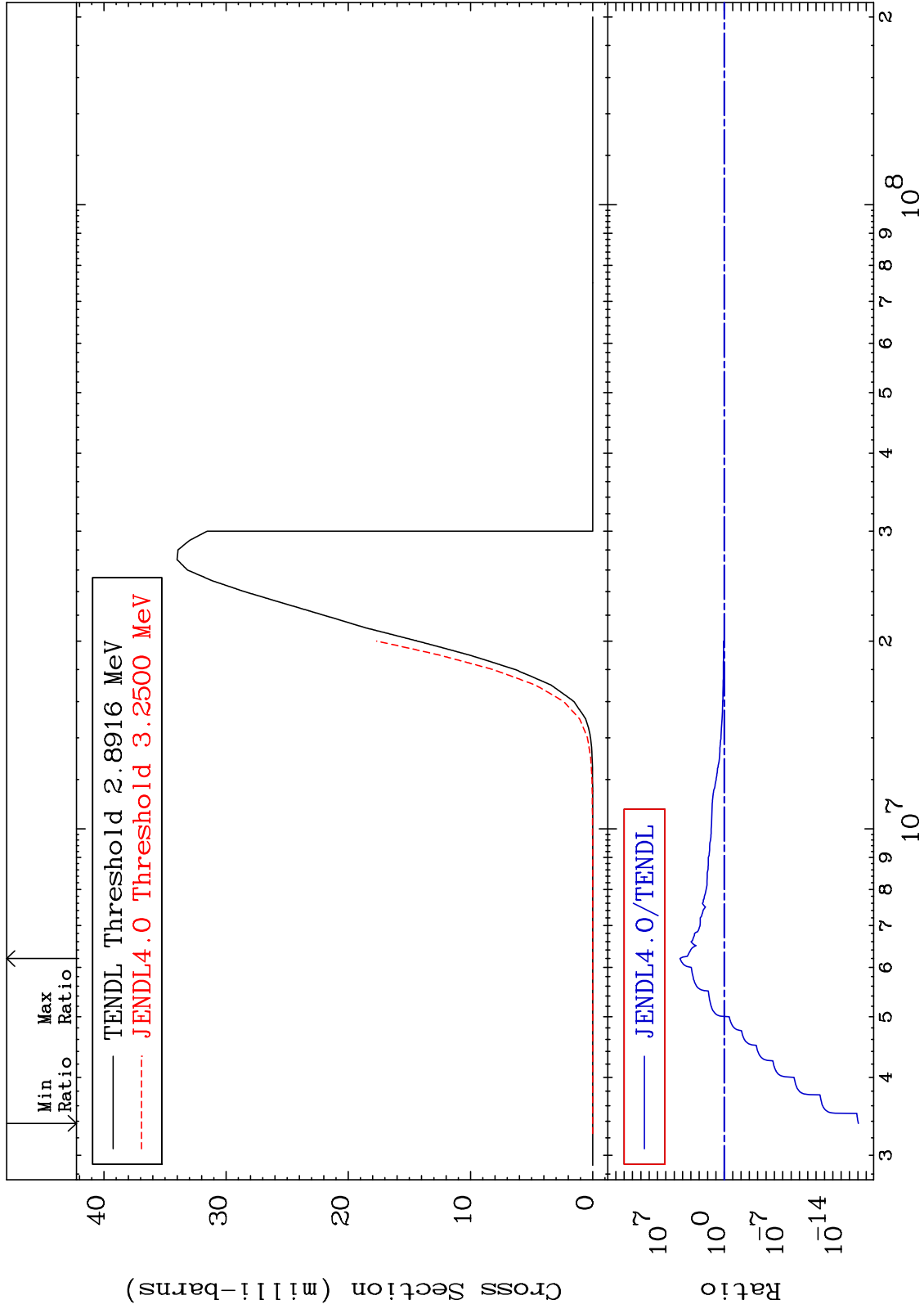
MAT 4837

(n,n') α

48-Cd-110

-100.0 To 9999. %

Cross Section



6

Incident Energy (eV)

48-Cd-110

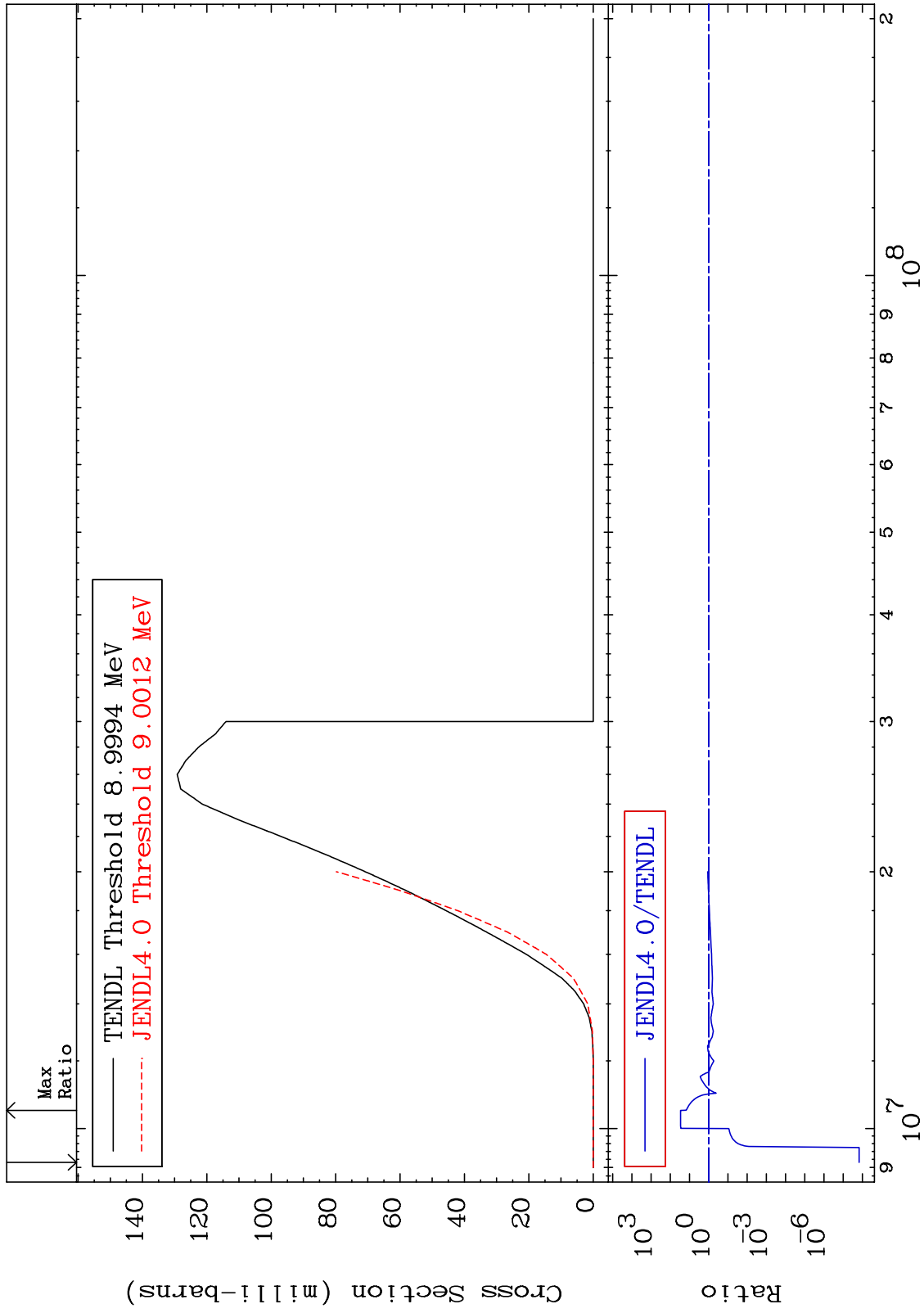
MAT 4837

(n,n') p

48-Cd-110

Cross Section

-100.0 To 2788. %



48-Cd-110

48-Cd-110

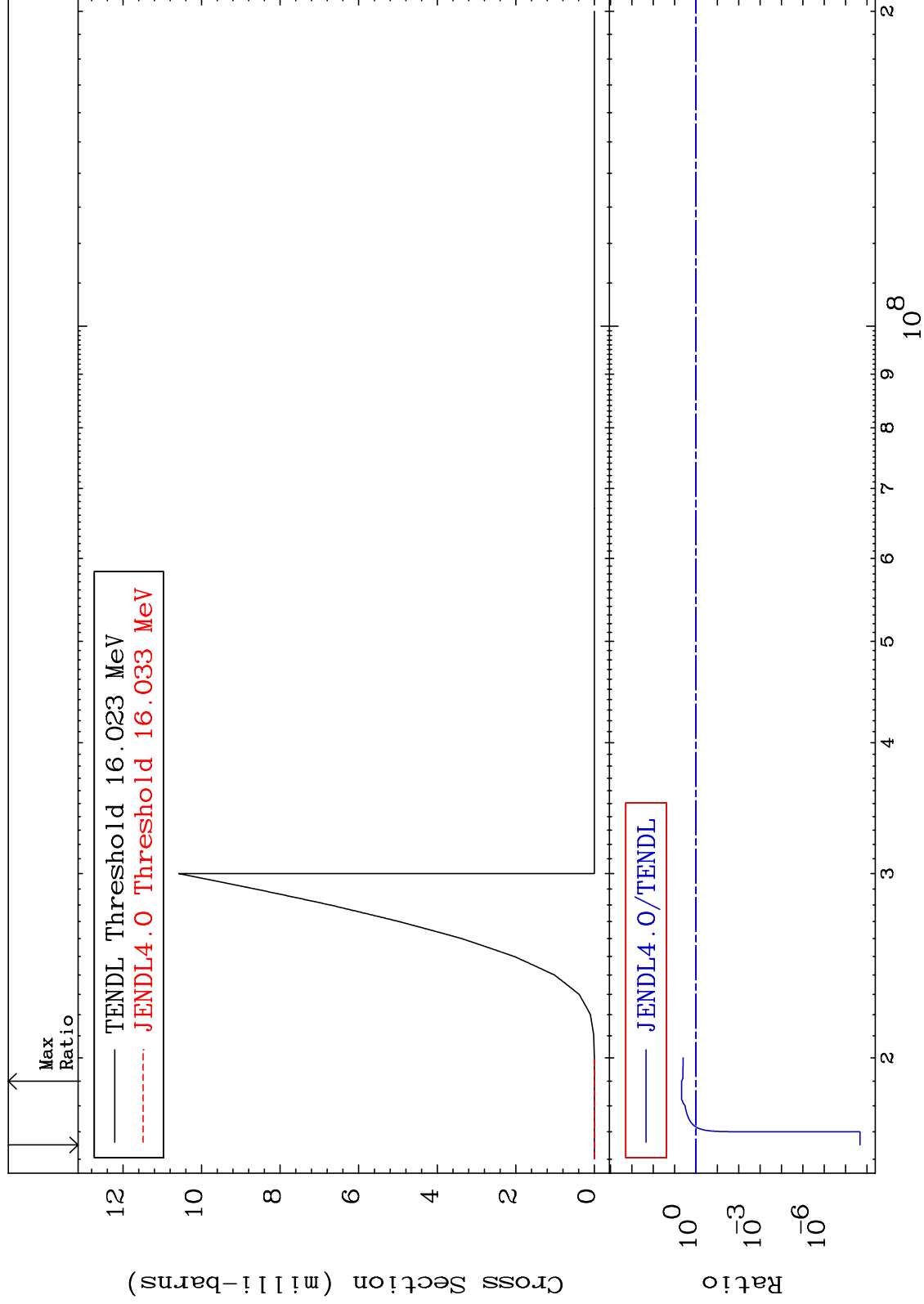
MAT 4837

(n,n') d

48-Cd-110

Cross Section

-100.0 To 366.6 %



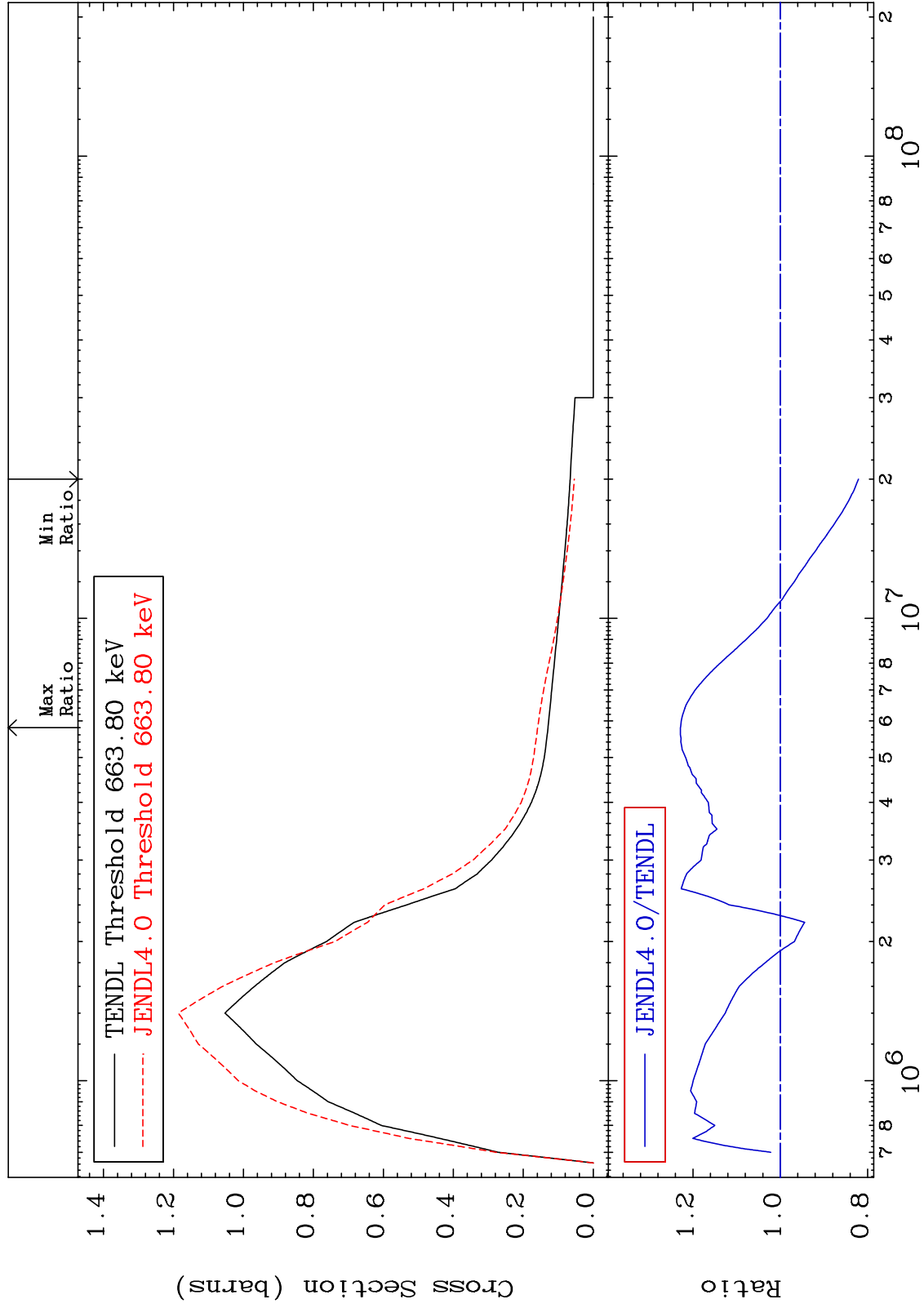
MAT 4837

MT= 51 (n,n') Level

48-Cd-110

-17.91 To 22.86 %

Cross Section



48-Cd-110

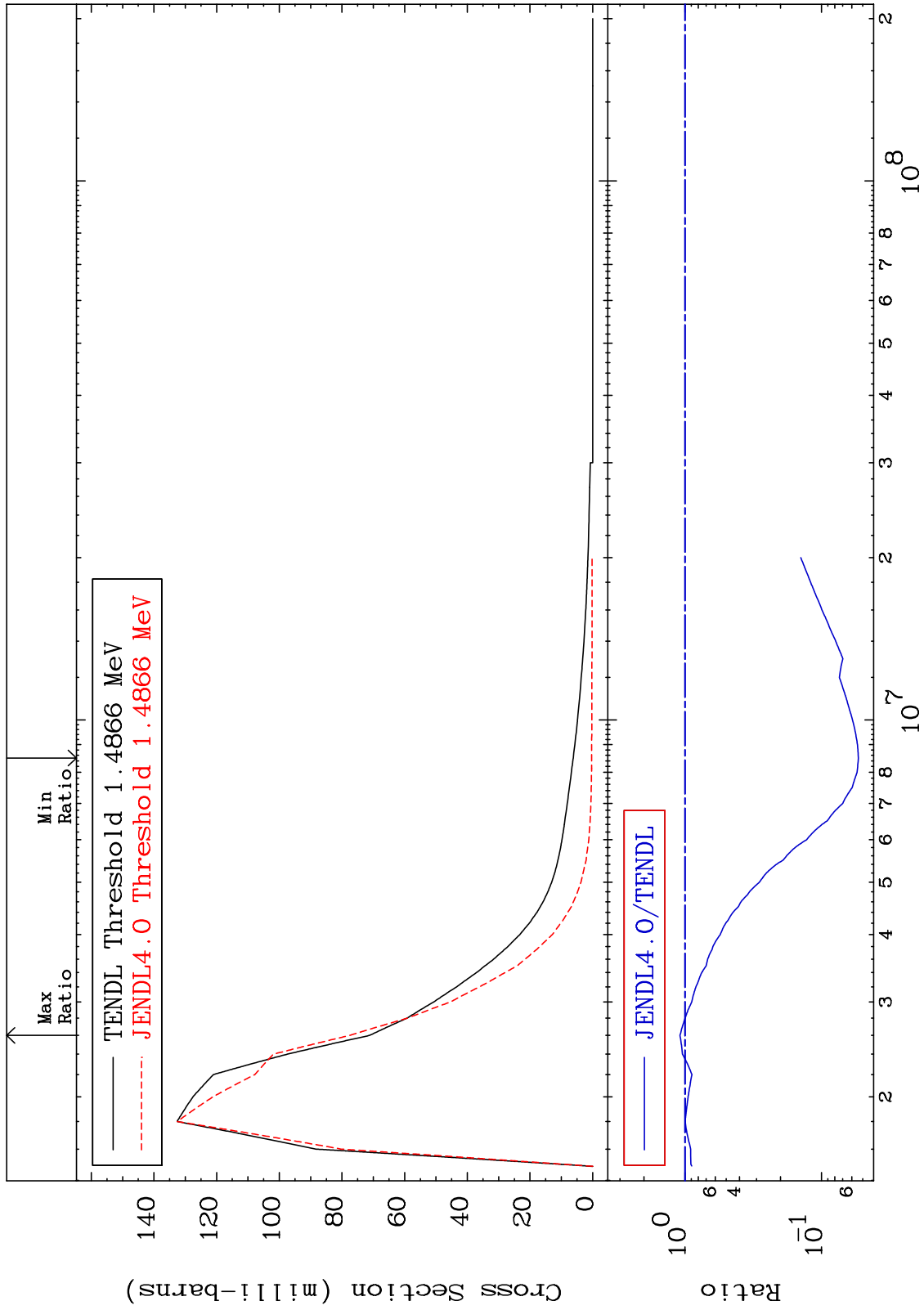
Incident Energy (eV)

9

MAT 4837

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

48-Cd-110
-94.63 To 8.882 %



10

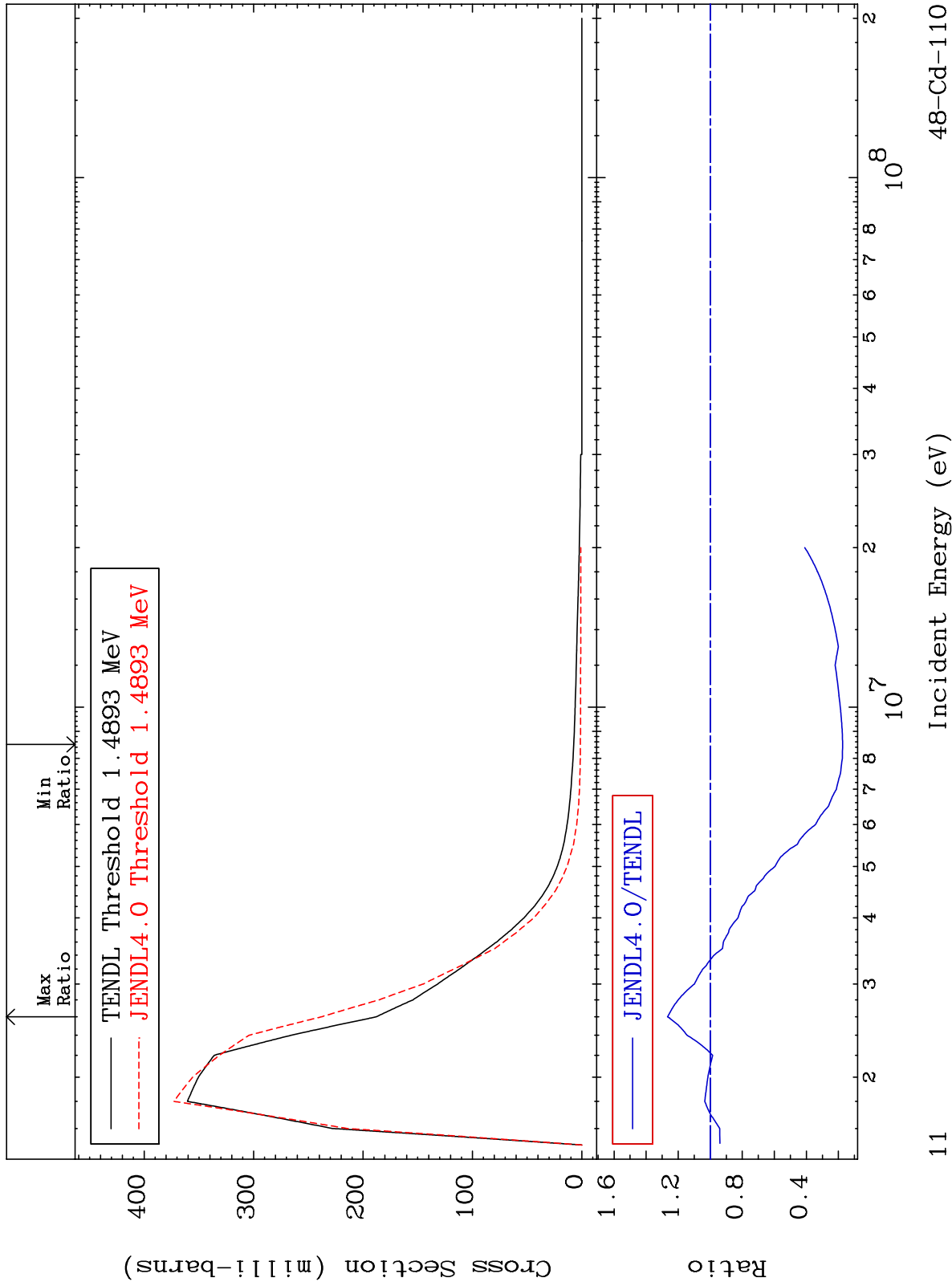
Incident Energy (eV)

48-Cd-110

MAT 4837

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

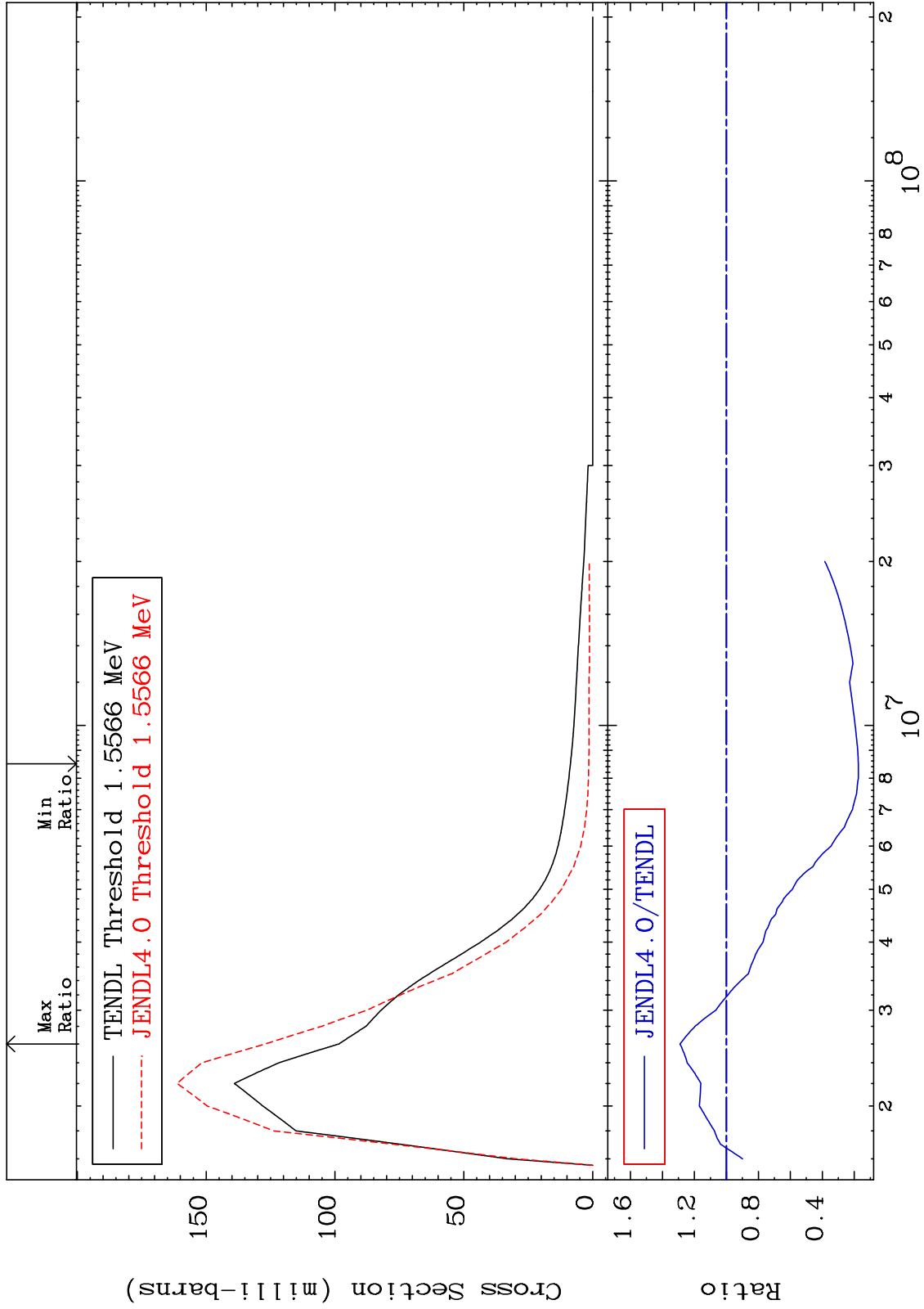
48-Cd-110
-82.65 To 26.64 %



MAT 4837

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

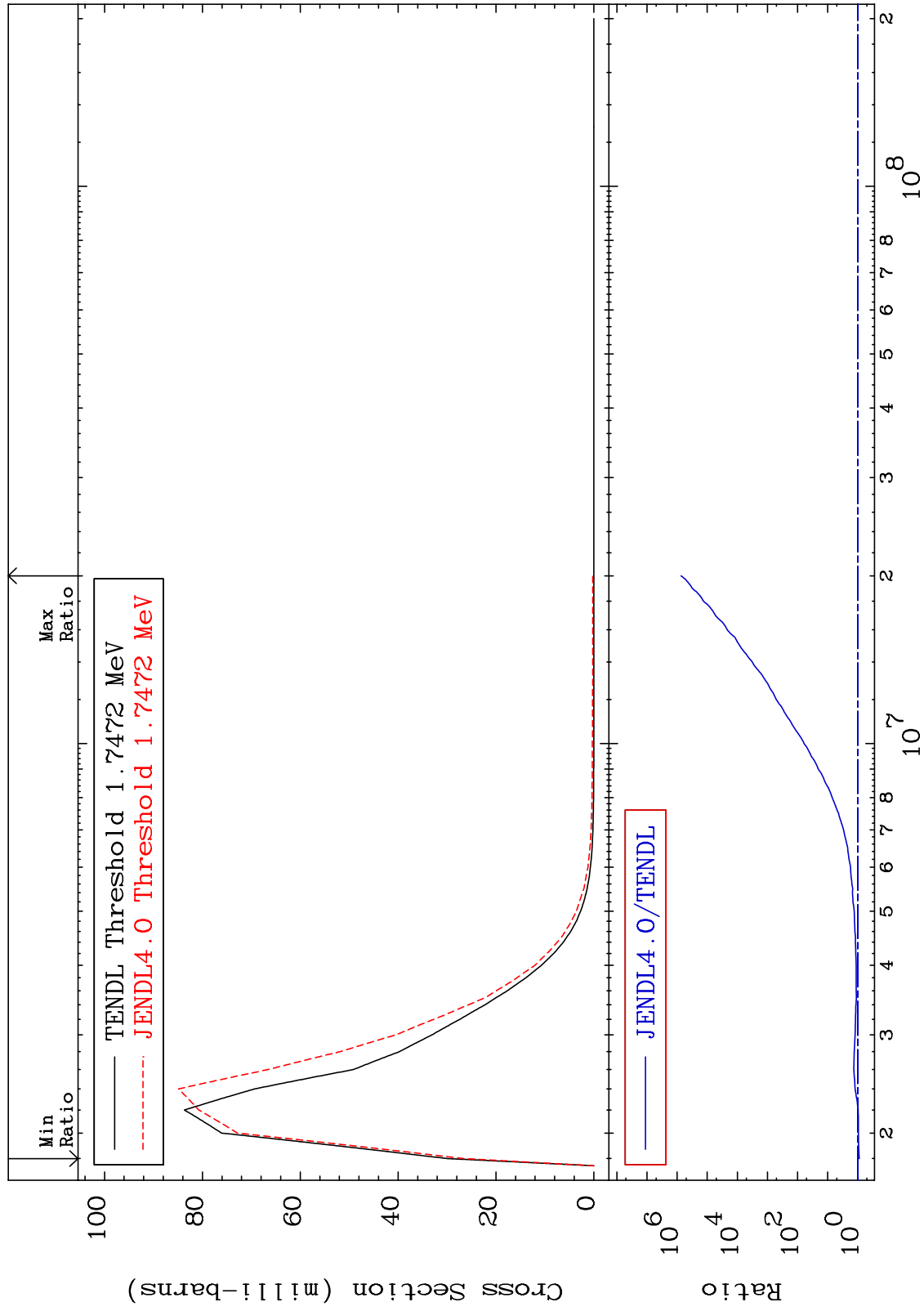
48-Cd-110
-82.56 To 28.99 %



MAT 4837

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

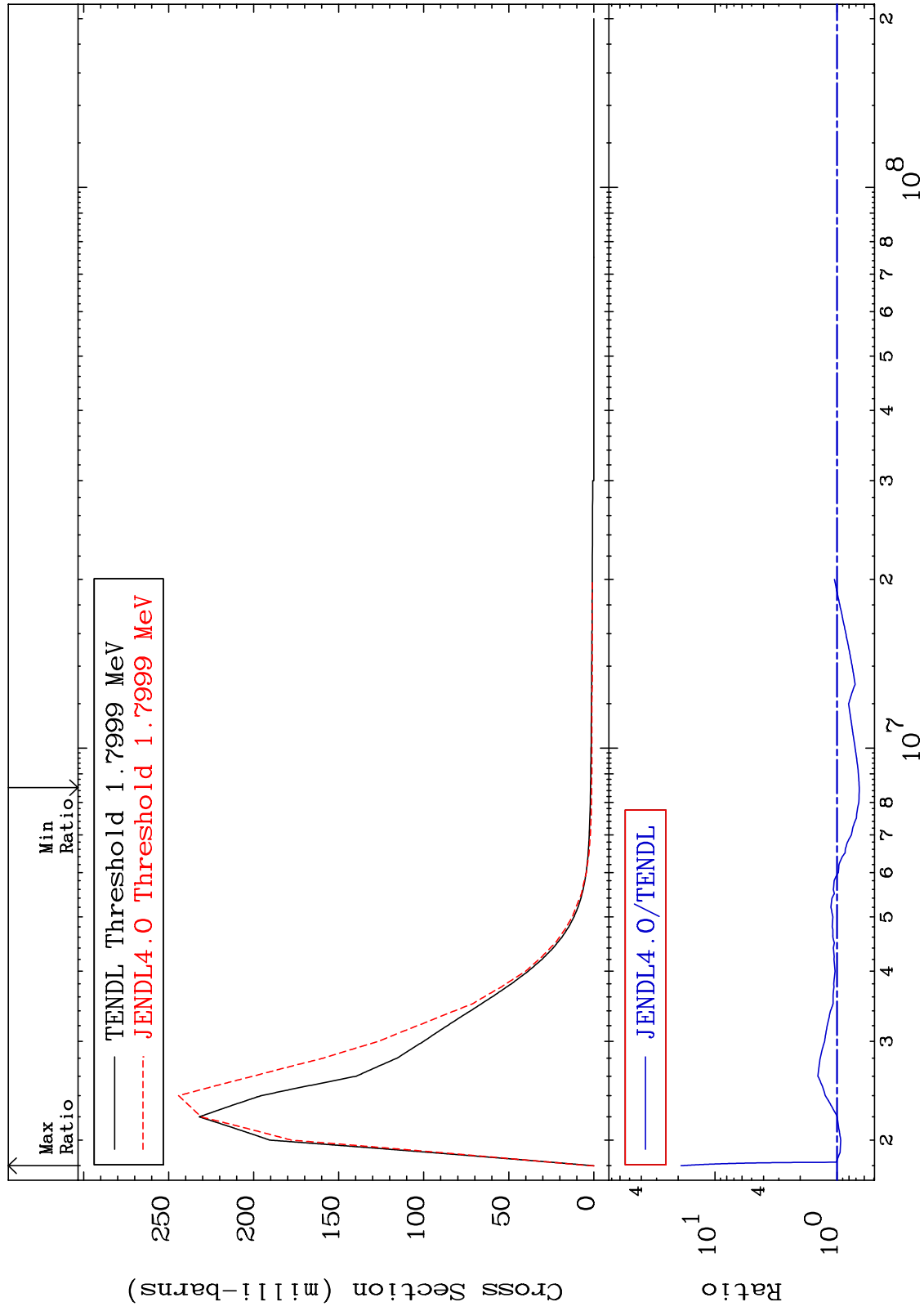
48-Cd-110
-10.93 To 9999. %



MAT 4837

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

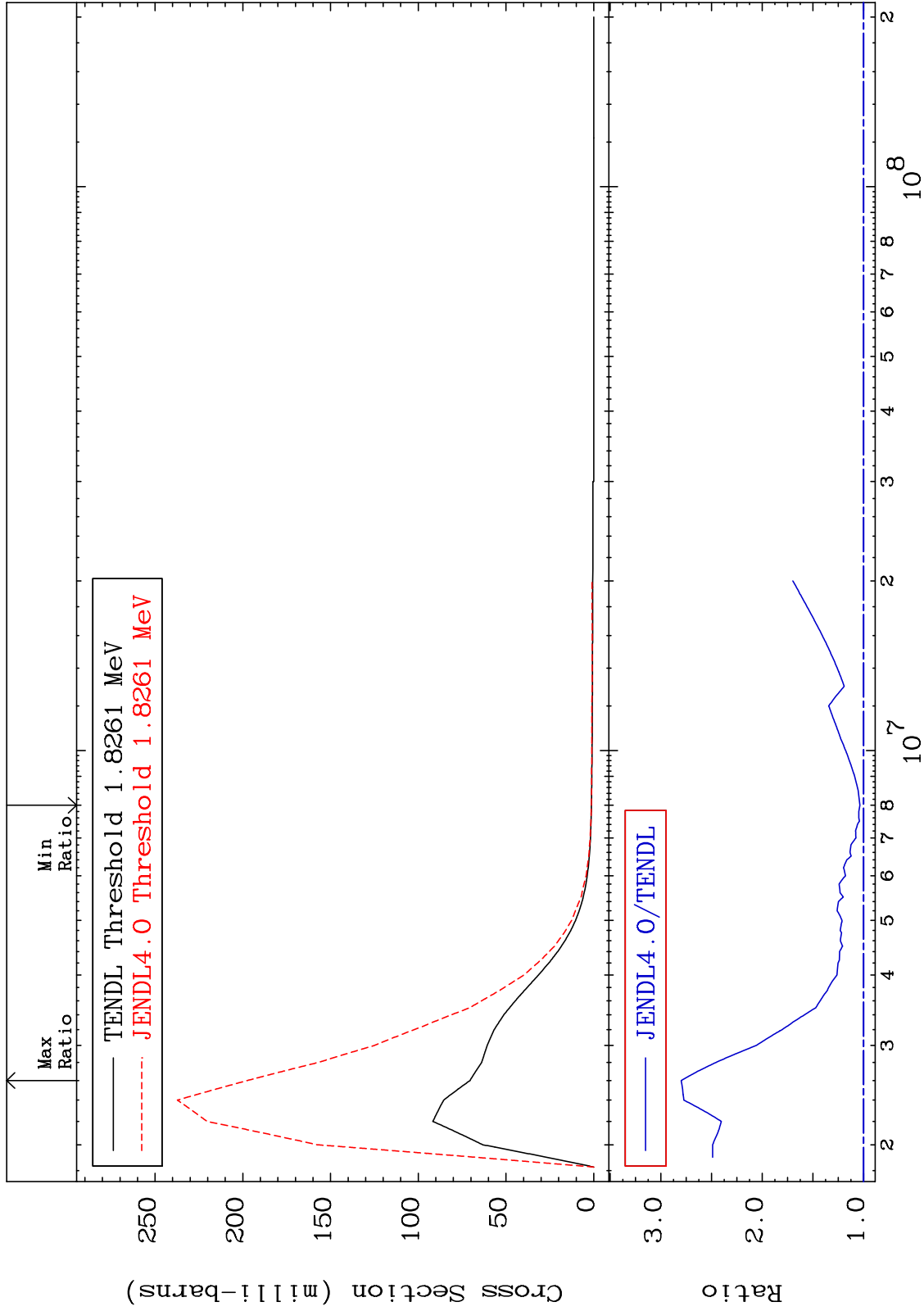
48-Cd-110
-34.23 To 1793. %



MAT 4837

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

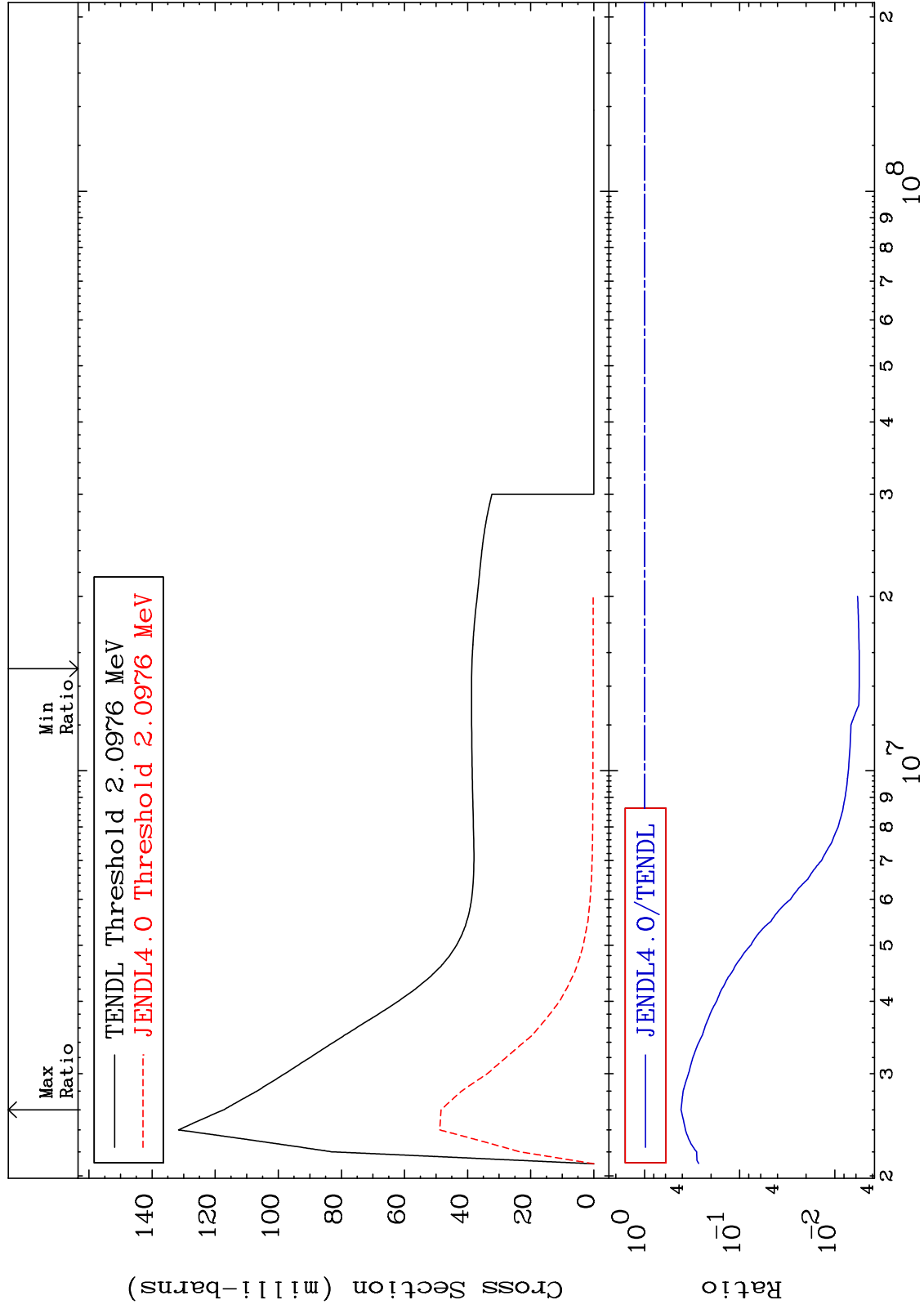
48-Cd-110
3.684 To 180.0 %



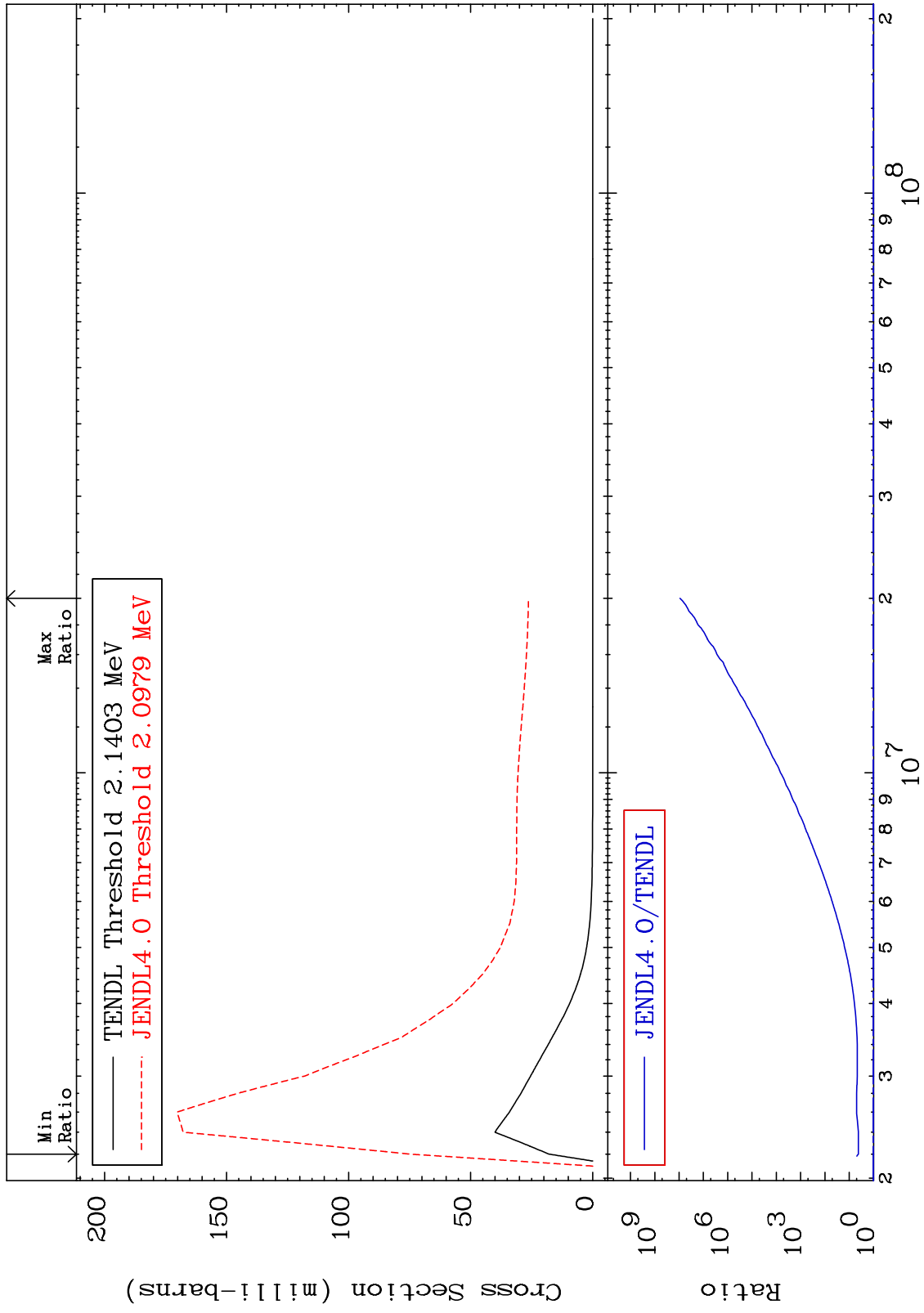
MAT 4837

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

48-Cd-110
-99.45 To -58.72%



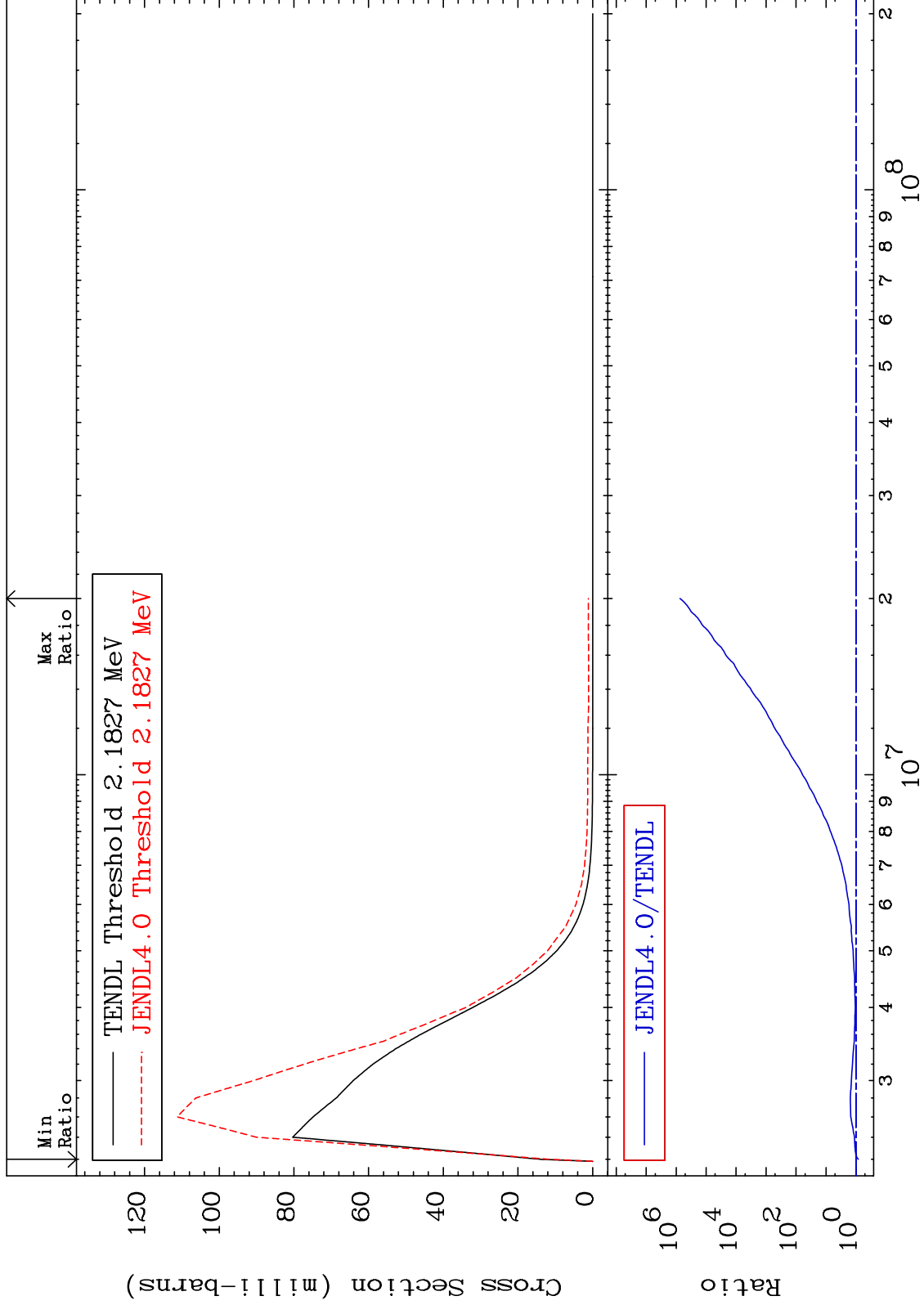
MAT 4837 MT= 59 (n,n') Level Cross Section 48-Cd-110 318.4 To 9999. %



MAT 4837

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

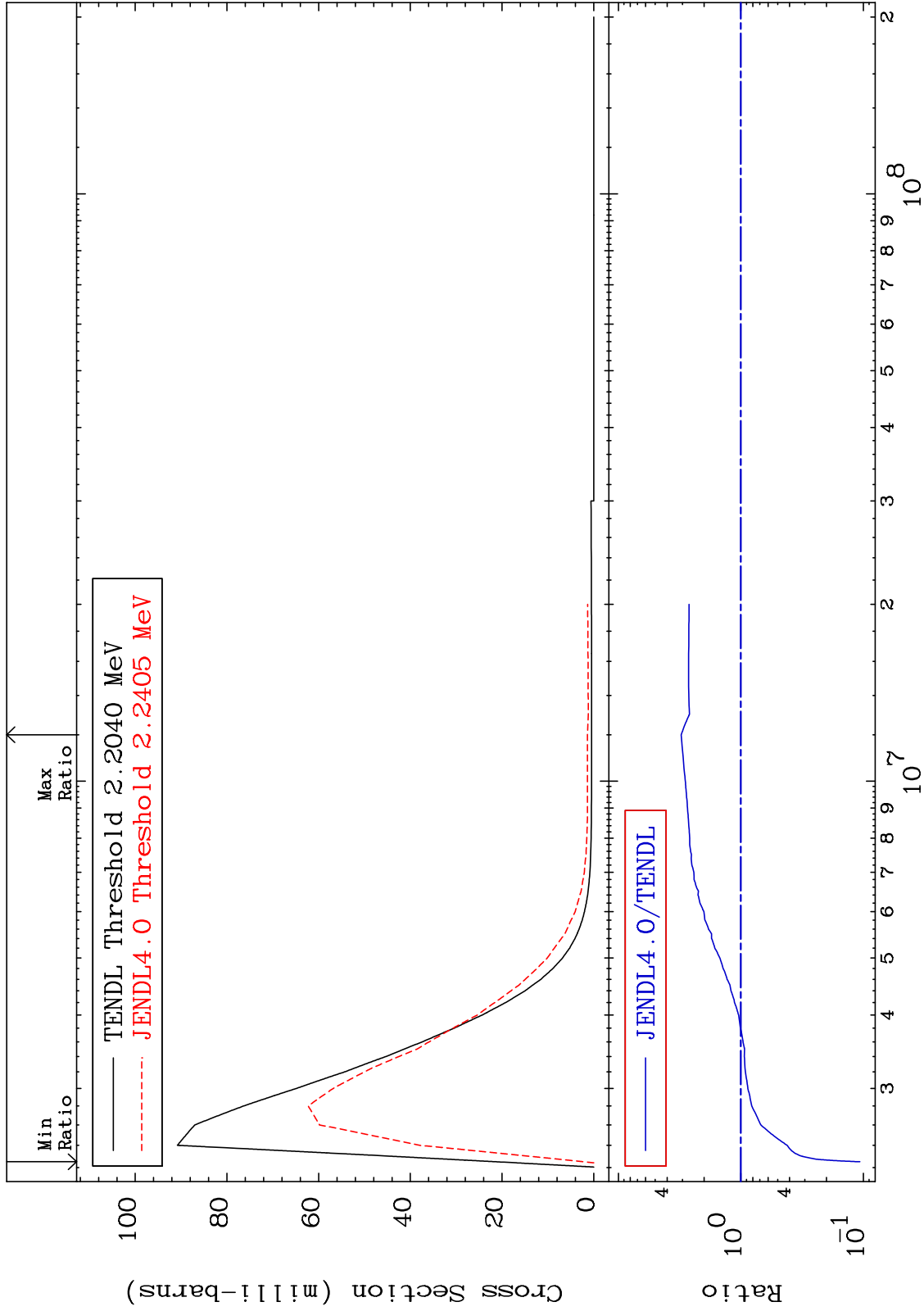
48-Cd-110
-17.02 To 9999. %



MAT 4837

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

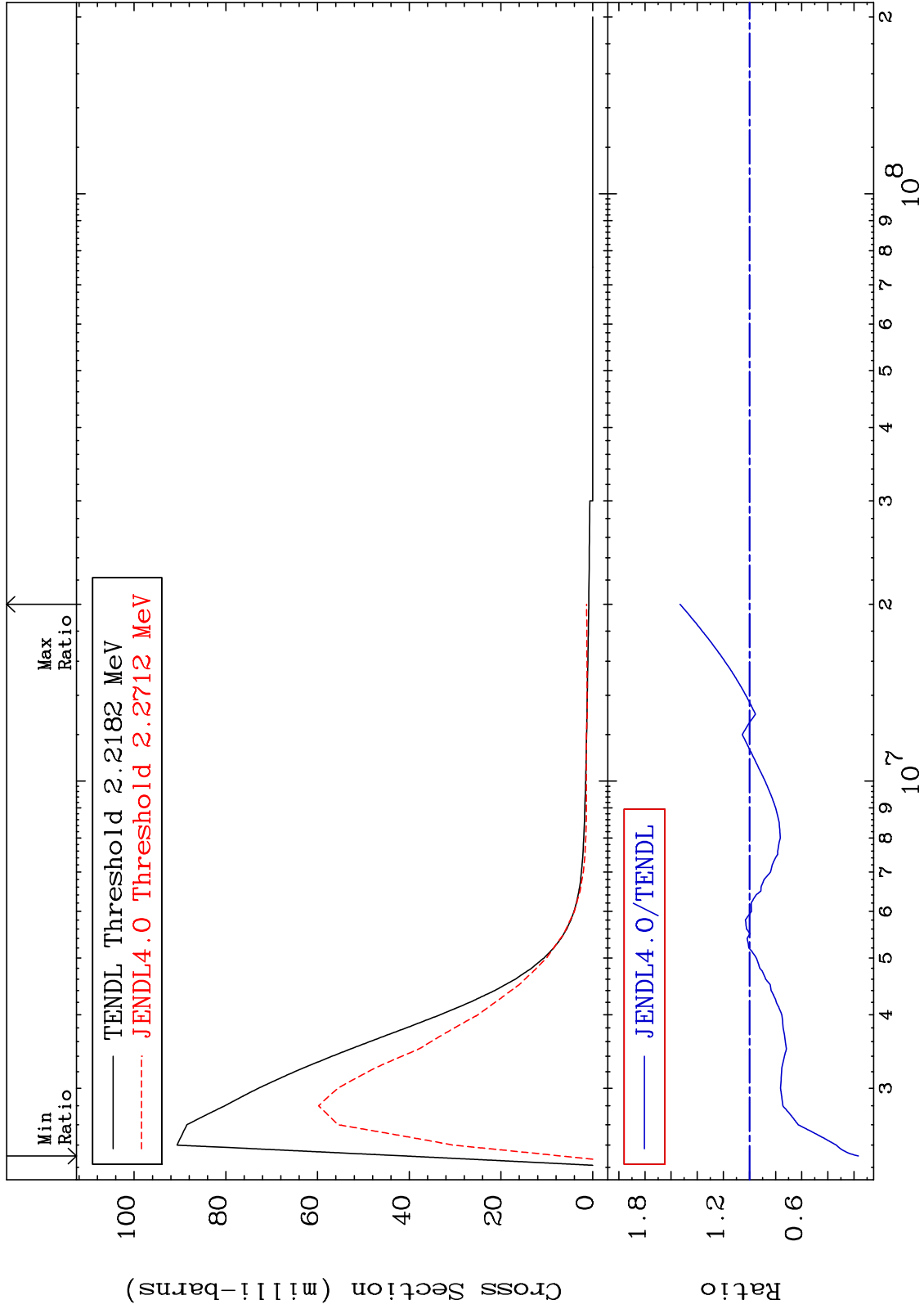
48-Cd-110
-89.33 To 206.9 %



MAT 4837

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

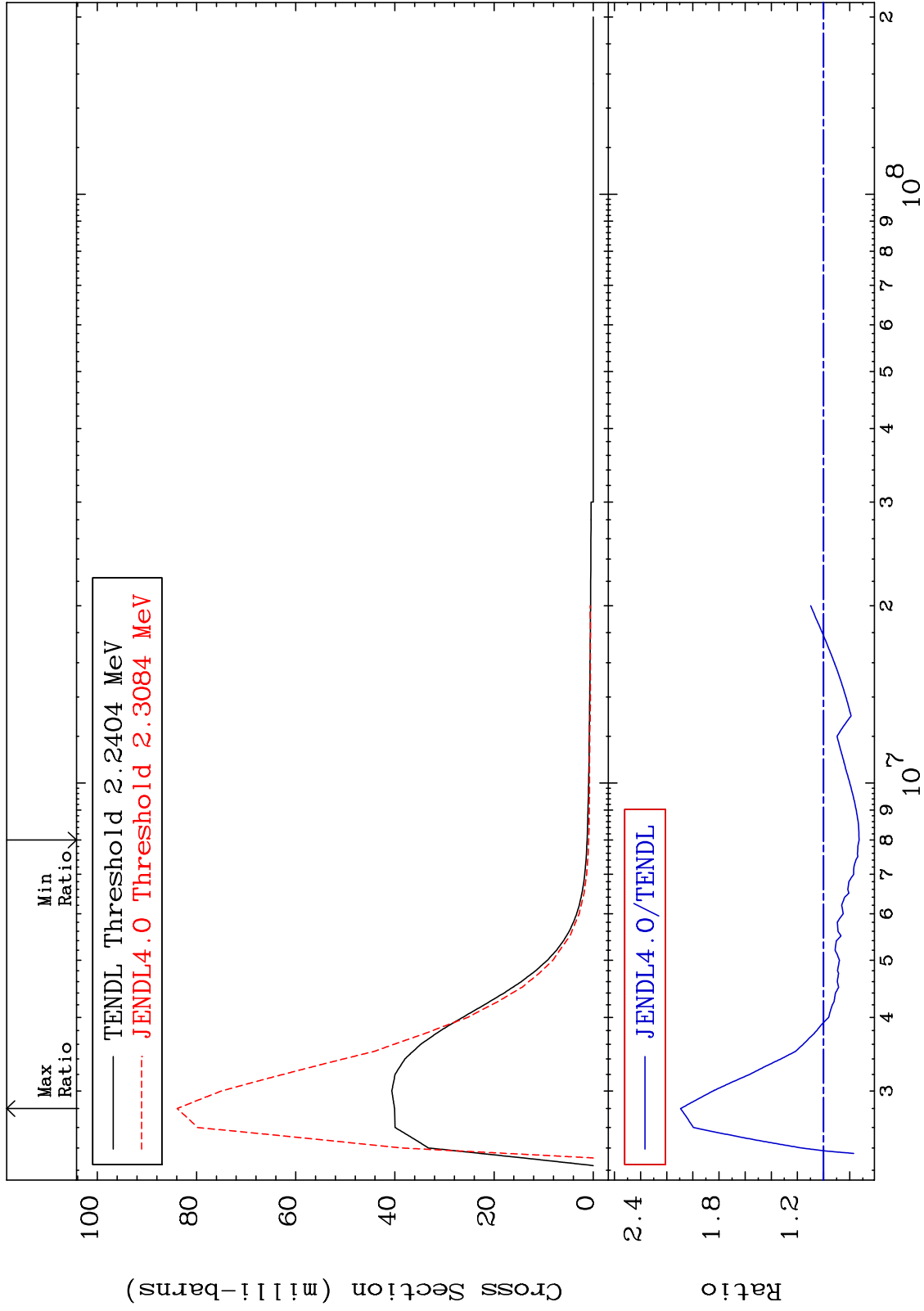
48-Cd-110
-83.38 To 53.17 %



MAT 4837

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

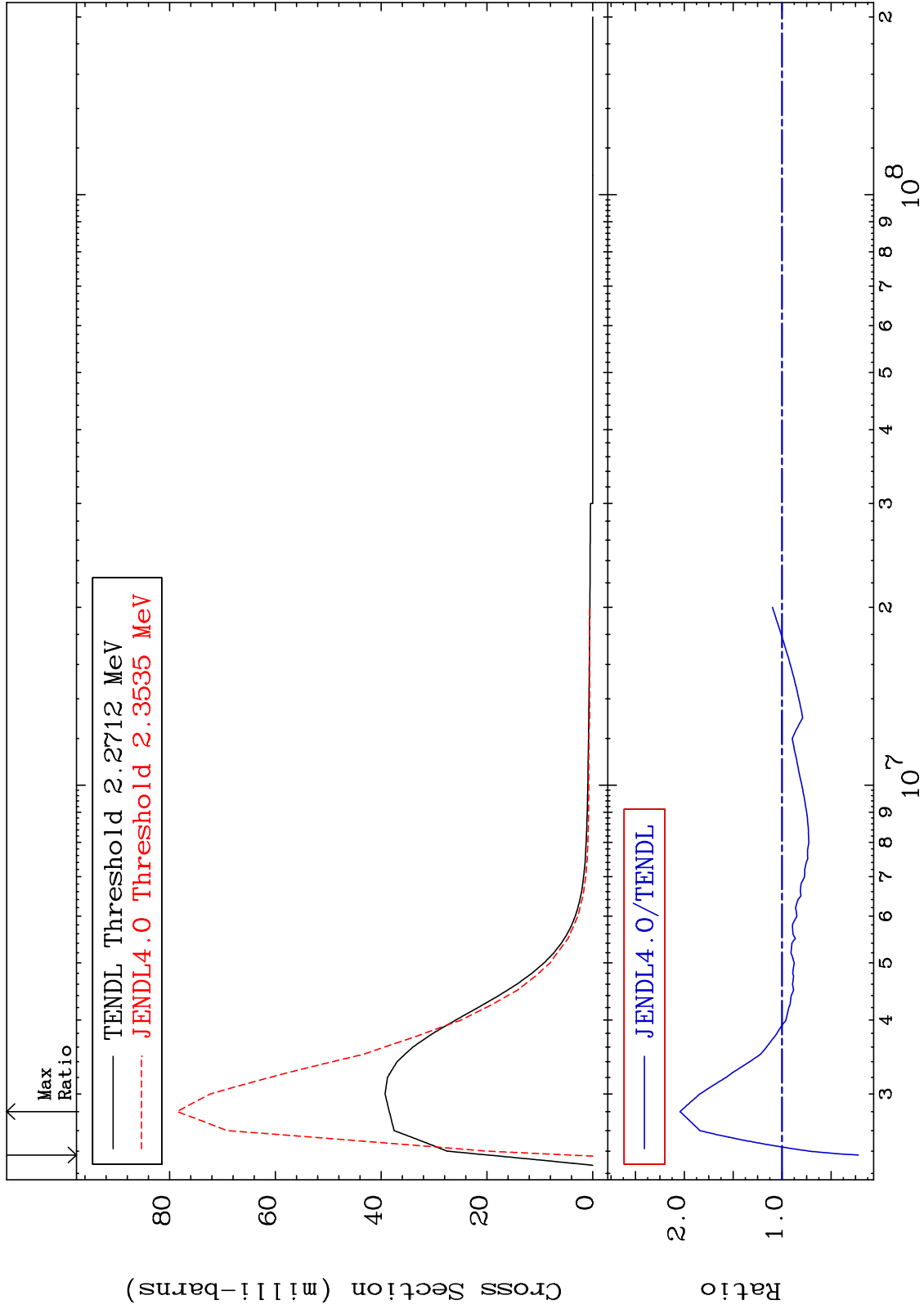
48-Cd-110
-27.26 To 109.4 %



MAT 4837

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

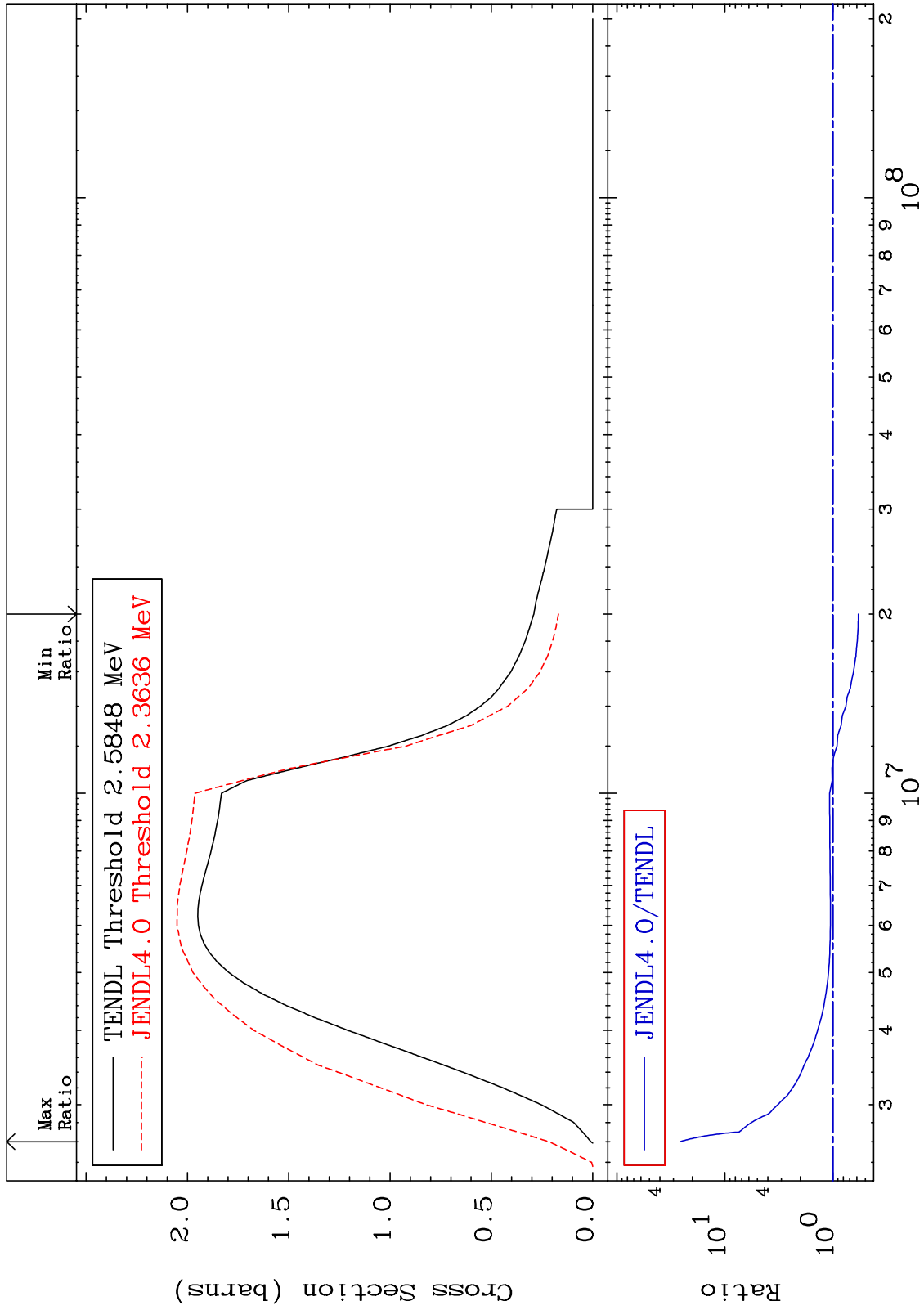
48-Cd-110
-77.99 To 104.4 %



MAT 4837

(n, n') Continuum
Cross Section

48-Cd-110
-42.08 To 2506. %



48-Cd-110

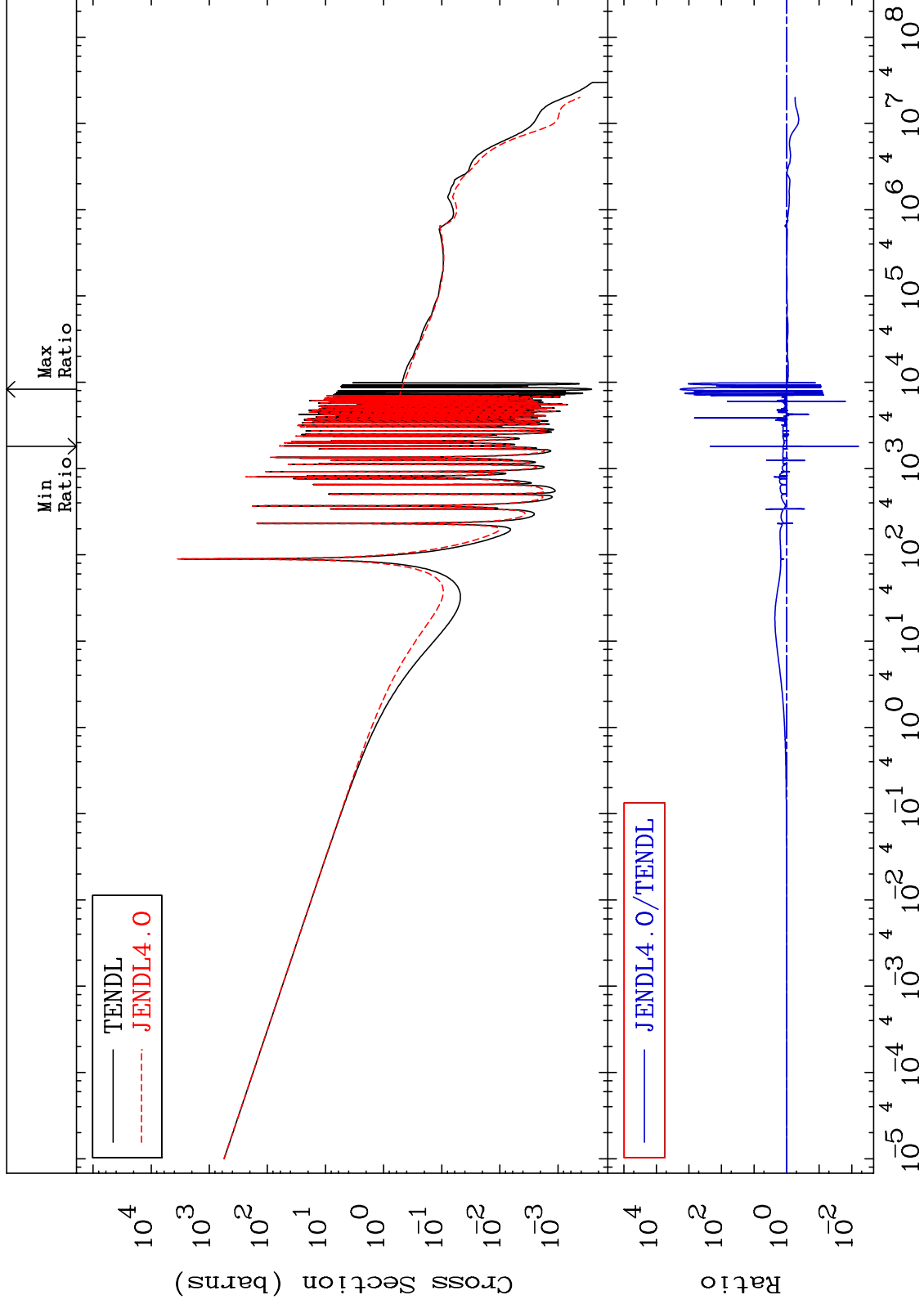
MAT 4837

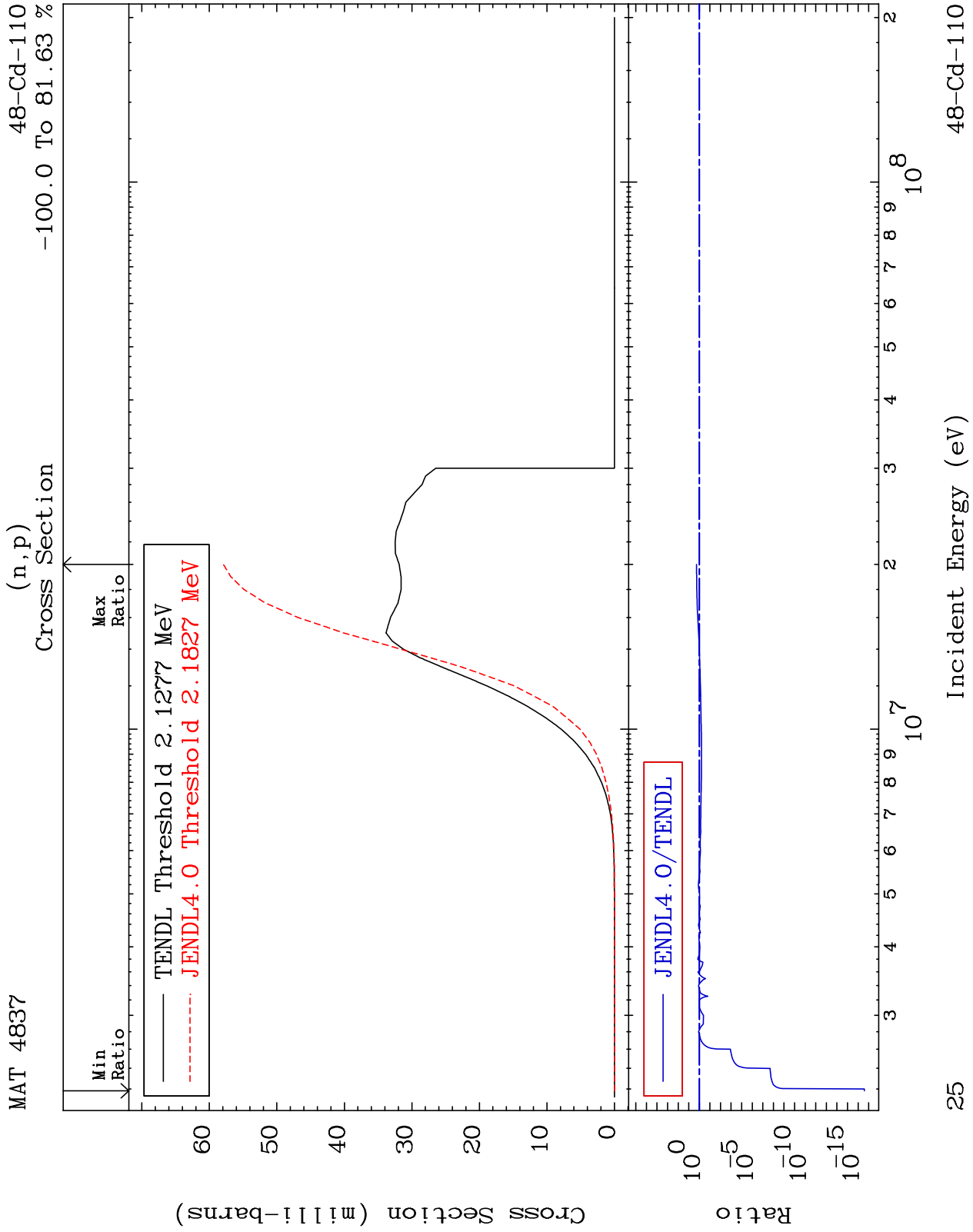
(n, γ)

48-Cd-110

Cross Section

-99.38 To 9999. %





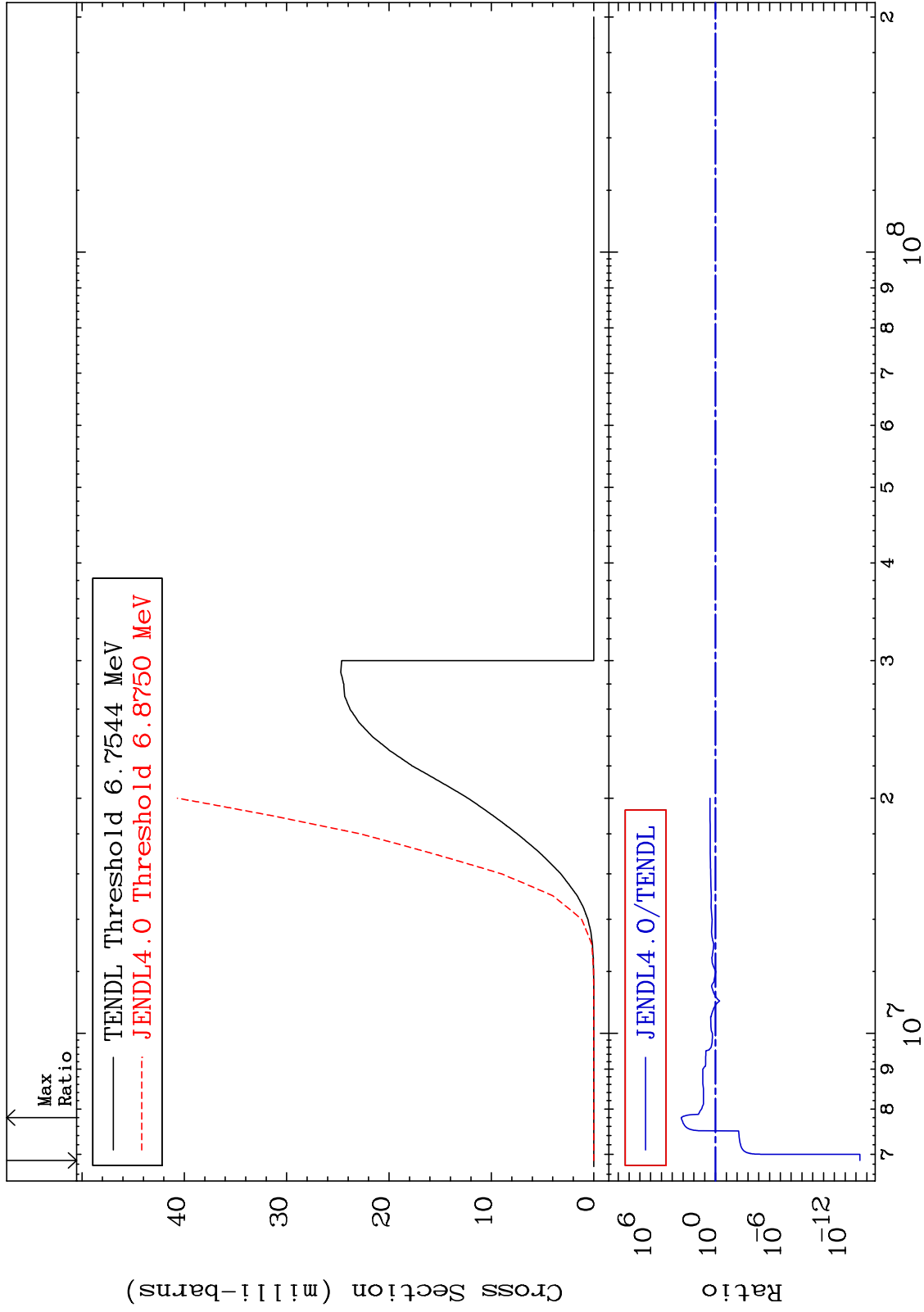
MAT 4837

(n,d)

48-Cd-110

Cross Section

-100.0 To 9999. %



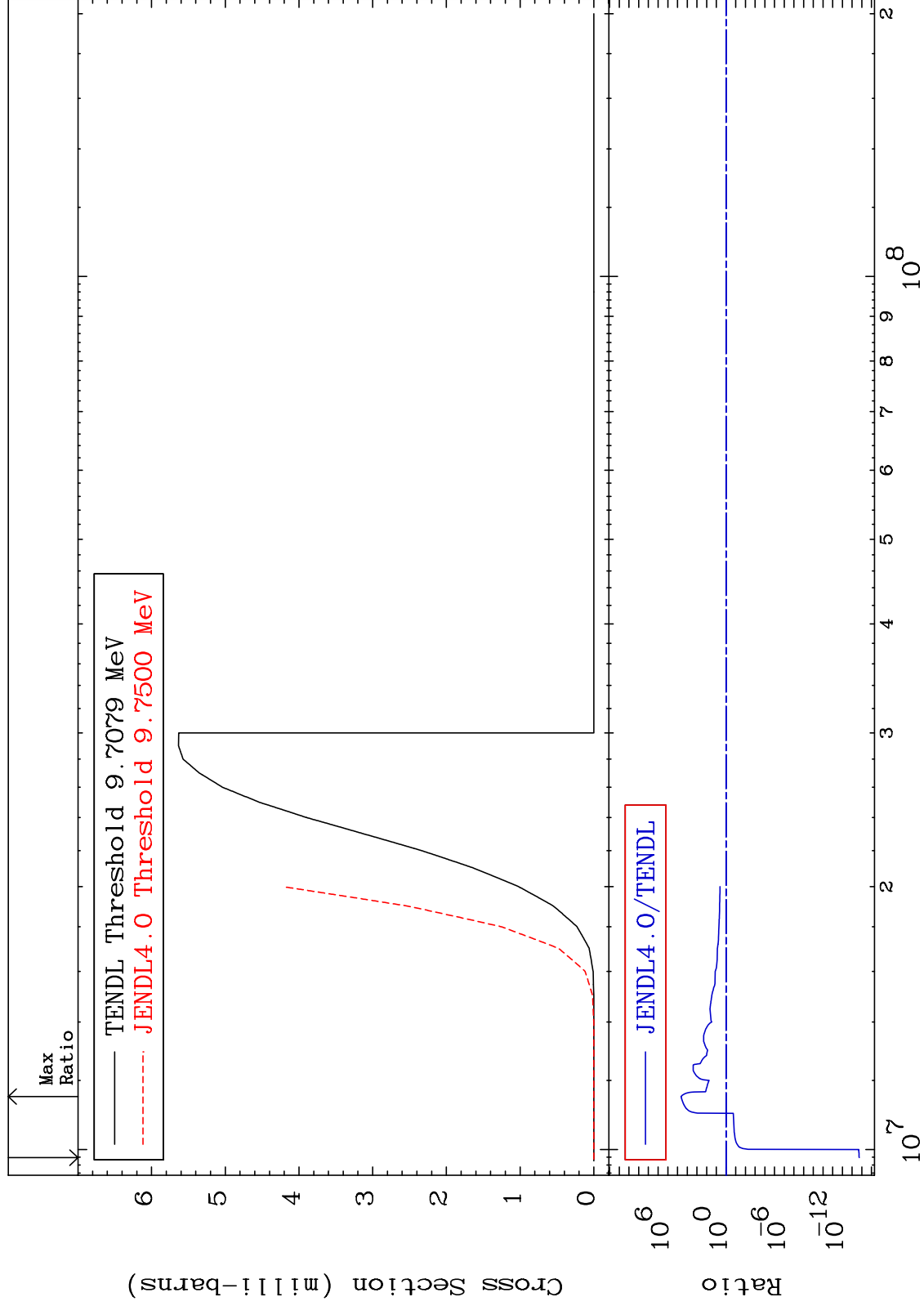
MAT 4837

(n, t)

48-Cd-110

Cross Section

-100.0 To 9999. %



27

Incident Energy (eV)

48-Cd-110

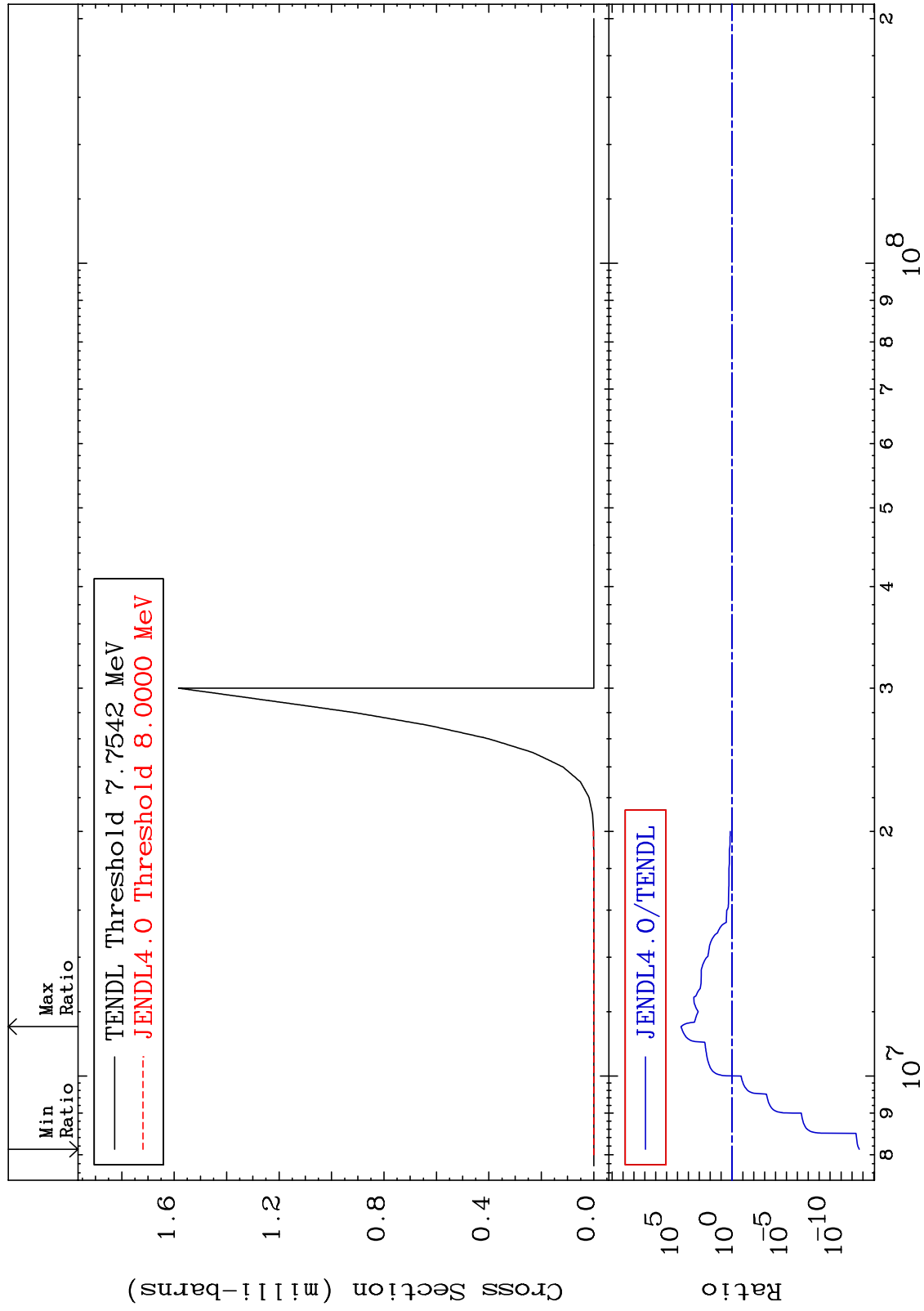
MAT 4837

(n, He-3)

48-Cd-110

Cross Section

-100.0 To 9999. %



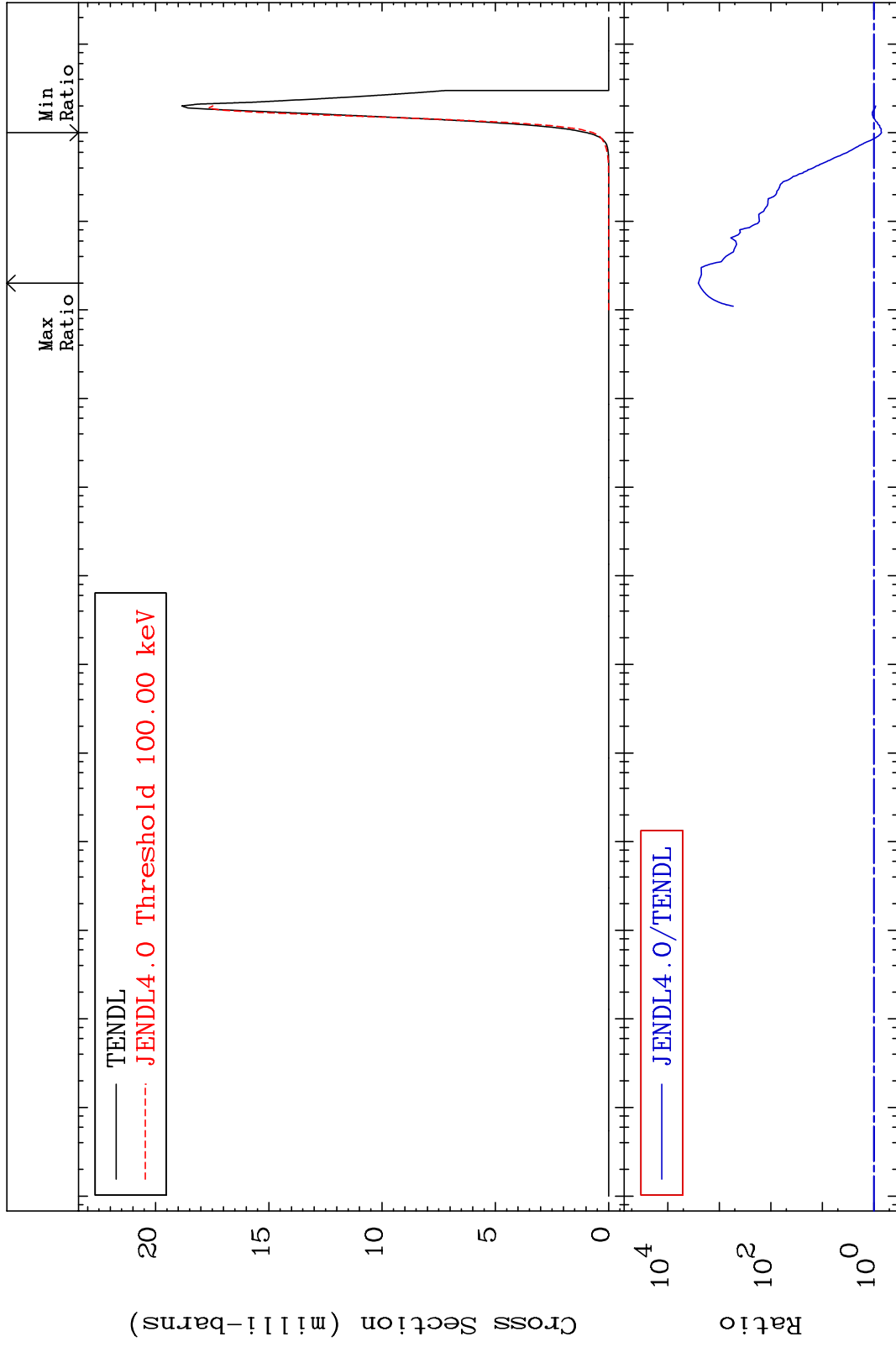
MAT 4837

(n, α)

48-Cd-110

Cross Section

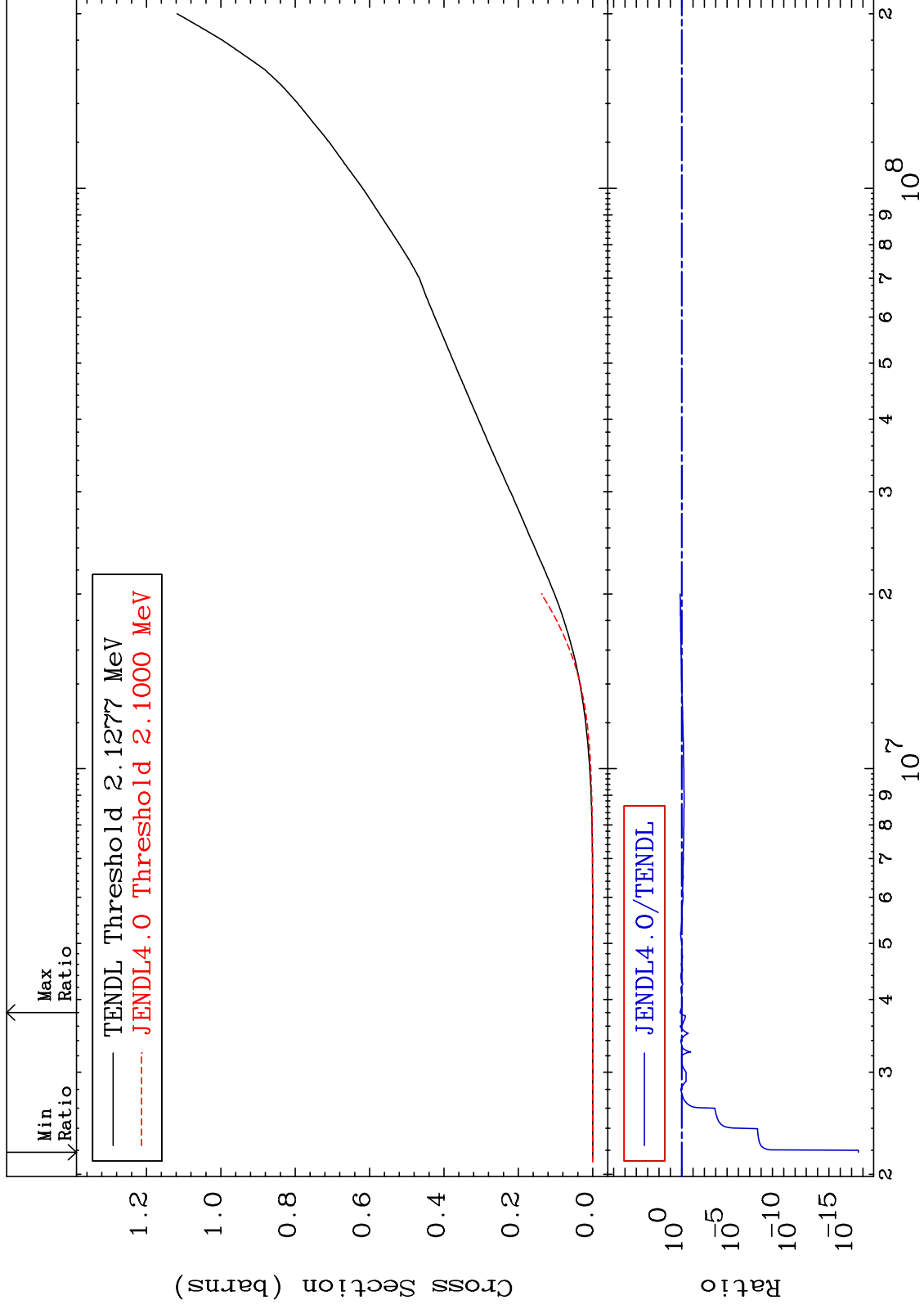
-28.85 To 9999. %



MAT 4837

Hydrogen Production
Cross Section

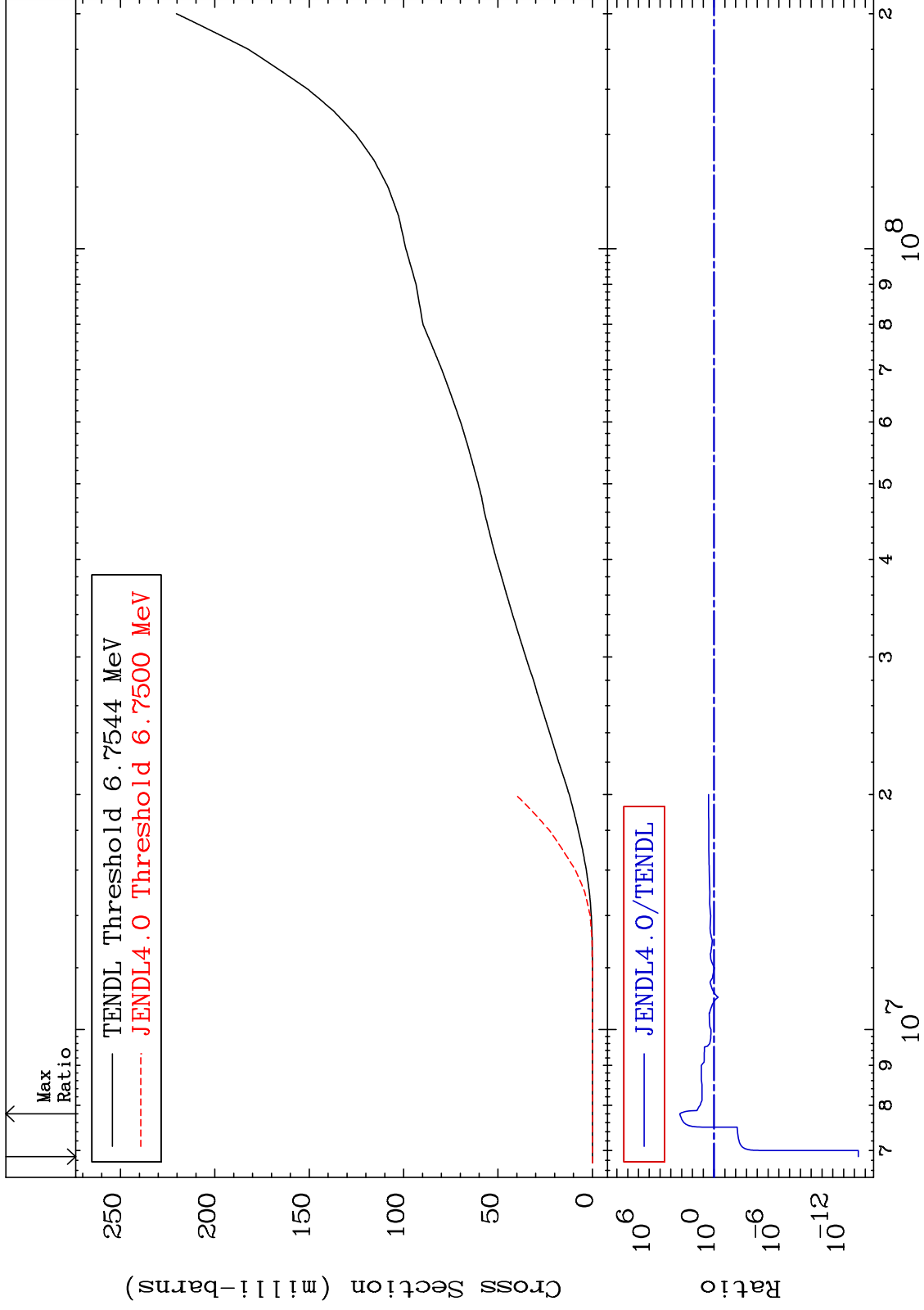
48-Cd-110
-100.0 To 40.17 %



MAT 4837

Deuterium Production
Cross Section

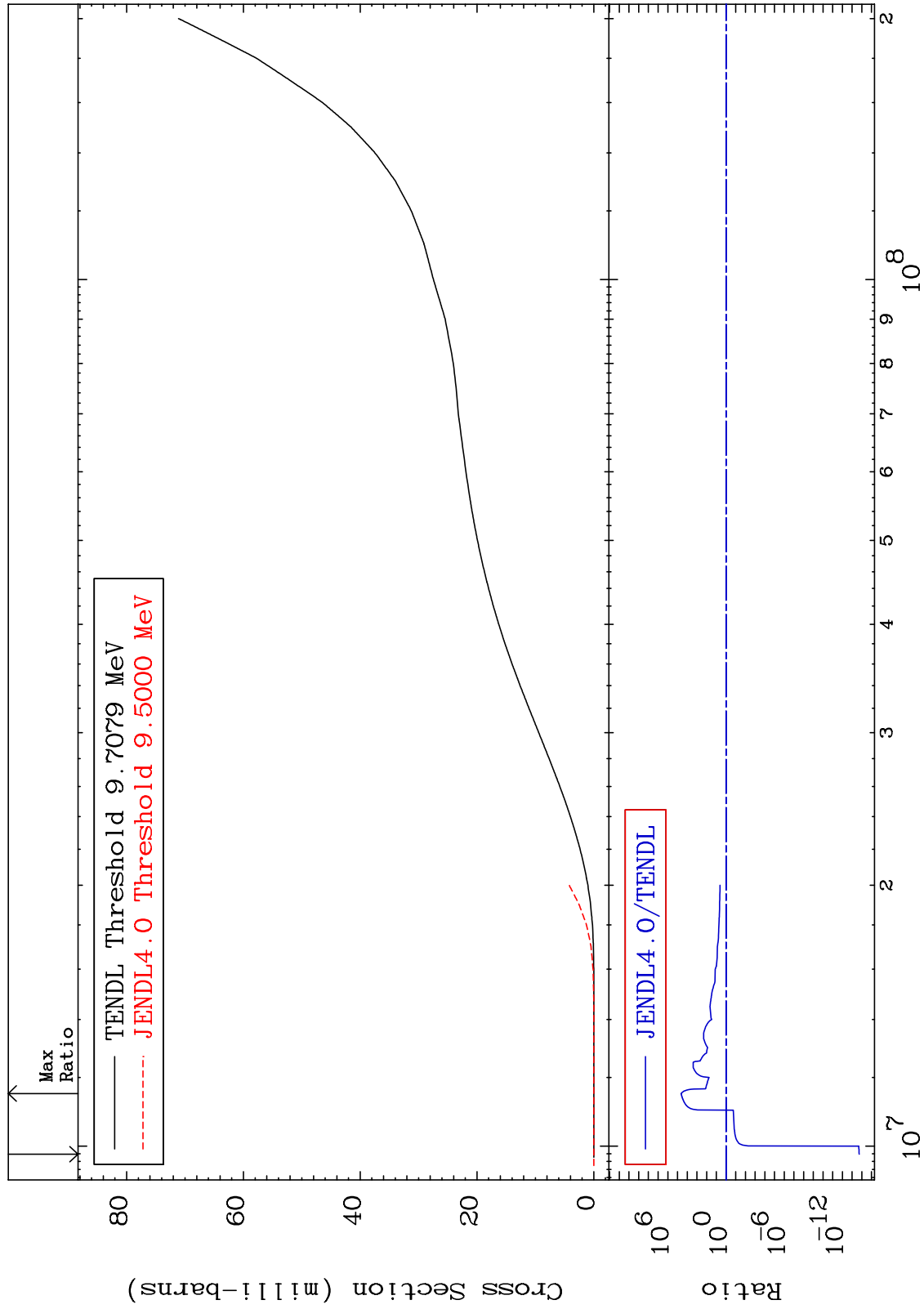
48-Cd-110
-100.0 To 9999. %



MAT 4837

Tritium Production
Cross Section

48-Cd-110
-100.0 To 9999. %



32

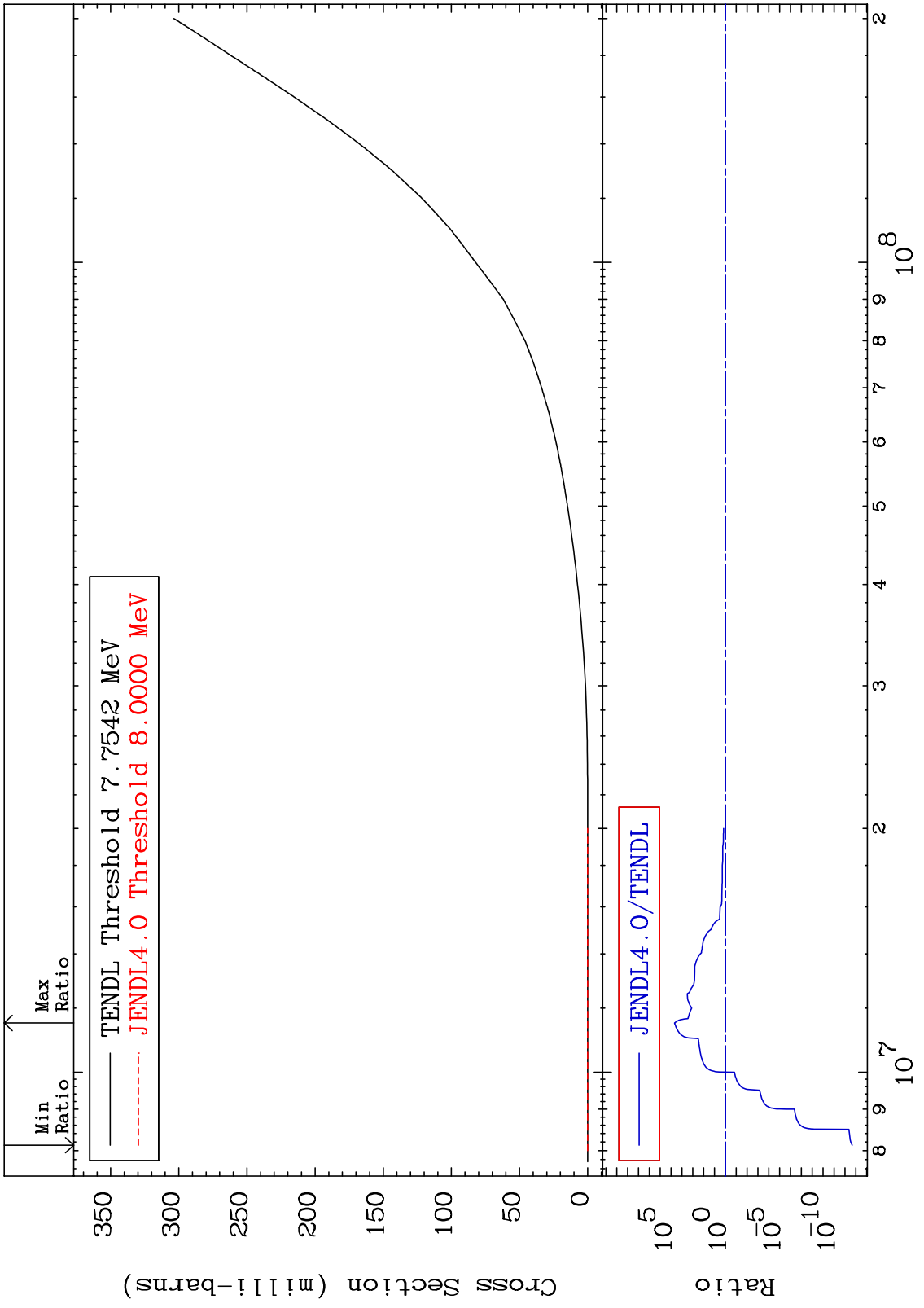
Incident Energy (eV)

48-Cd-110

MAT 4837

He-3 Production
Cross Section

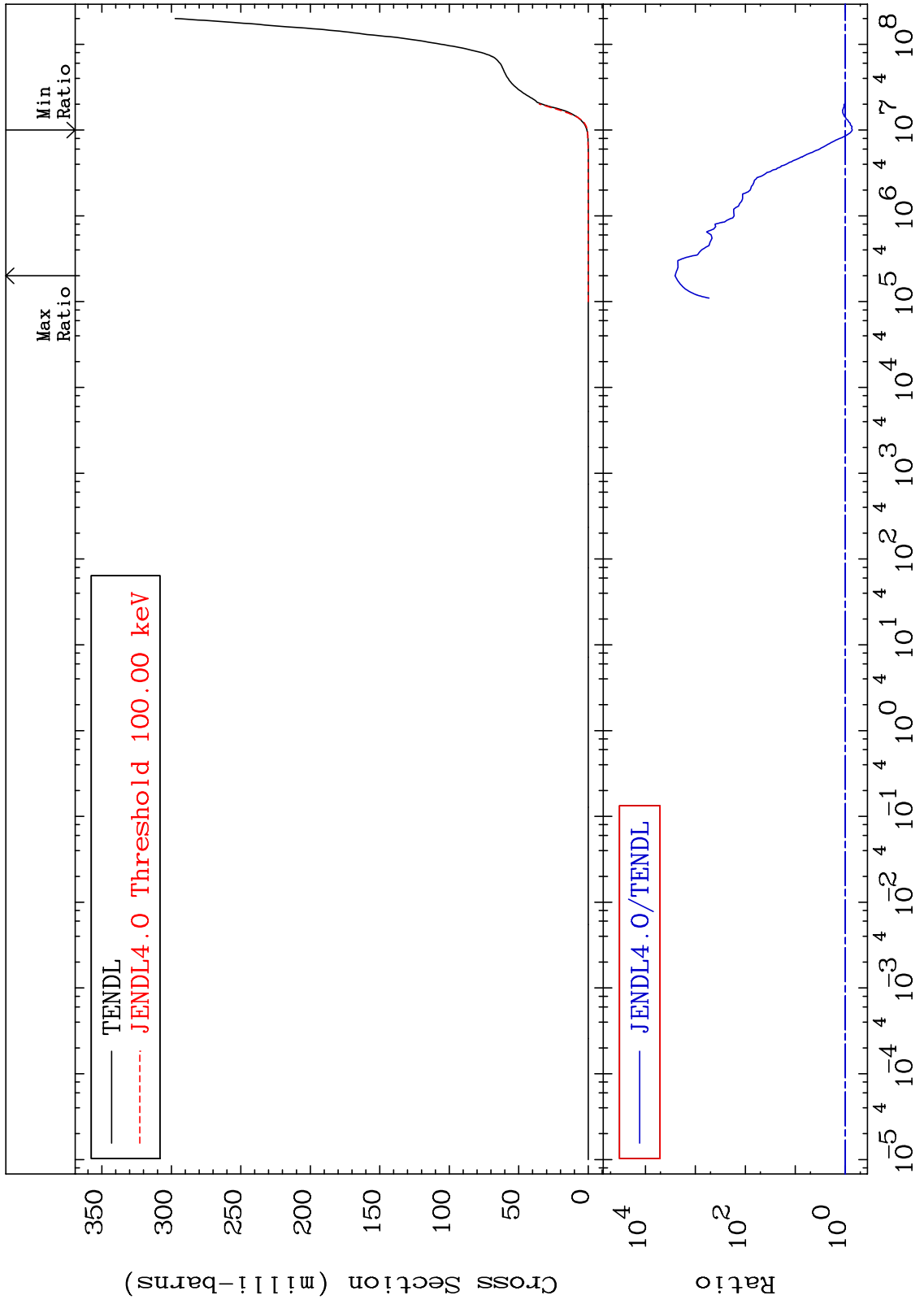
48-Cd-110
-100.0 To 9999. %



MAT 4837

He-4 Production
Cross Section

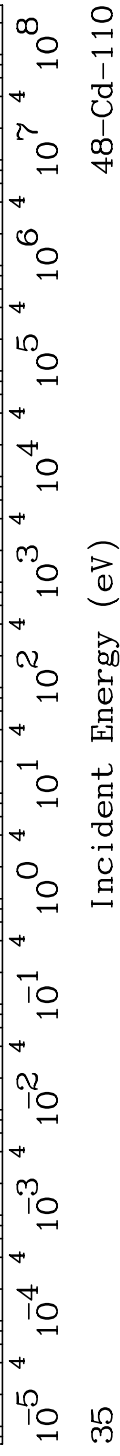
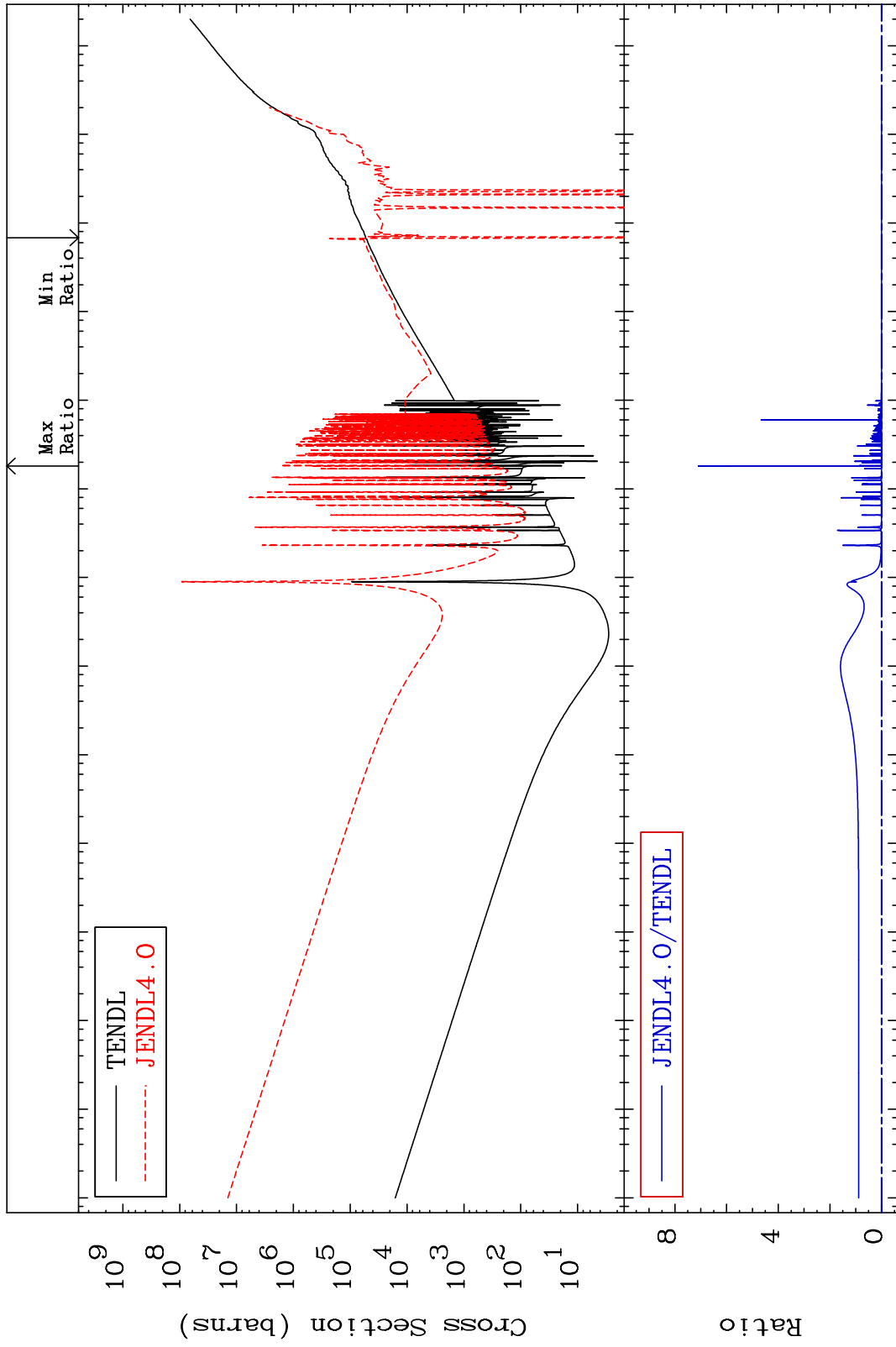
48-Cd-110
-27.76 To 9999. %



MAT 4837

Kerma total (eV-barns)
Cross Section

48-Cd-110
-213.1 To 9999. %



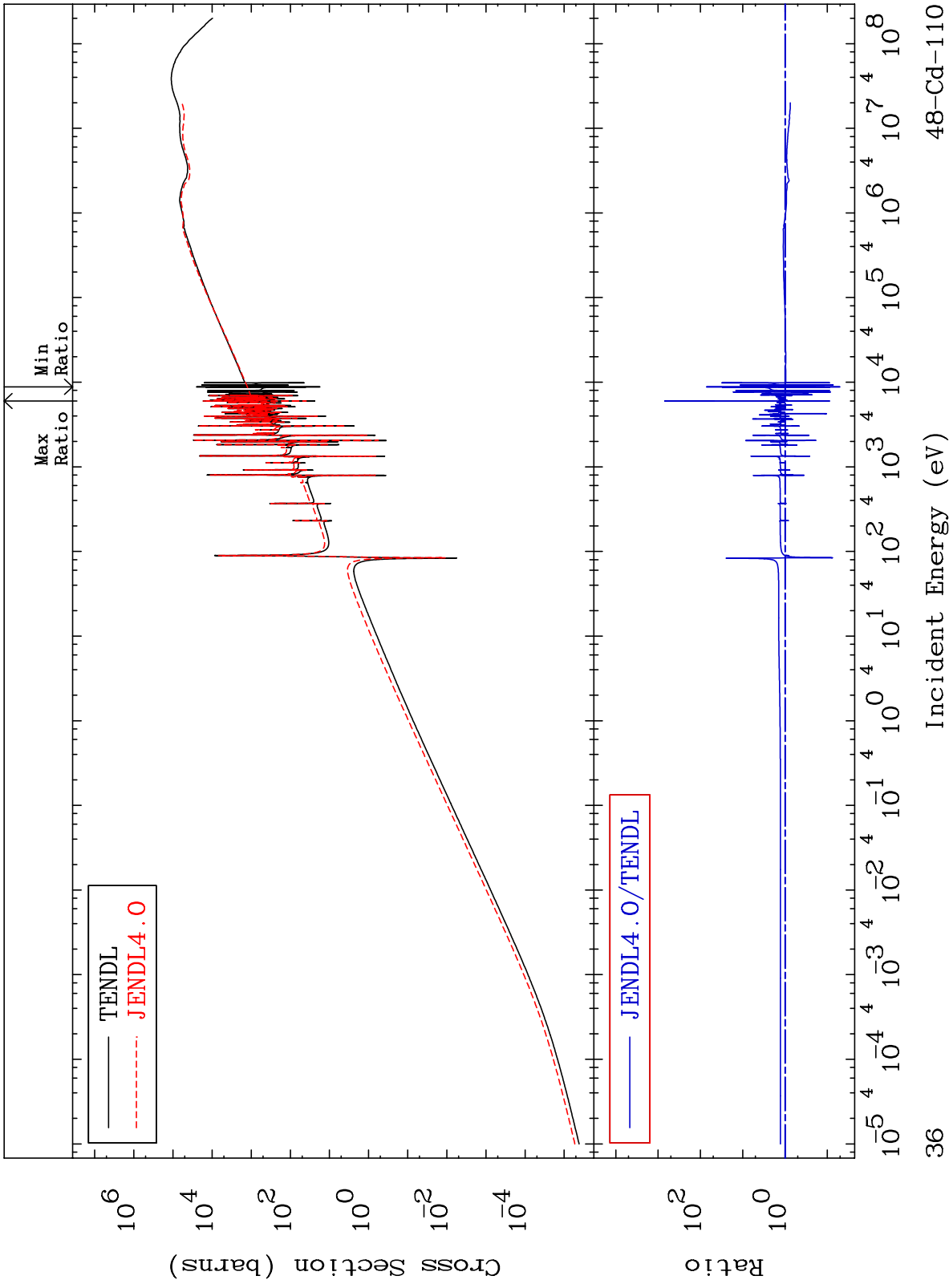
35

48-Cd-110

MAT 4837

Kerma elastic
Cross Section

48-Cd-110
-94.91 To 9999. %



36

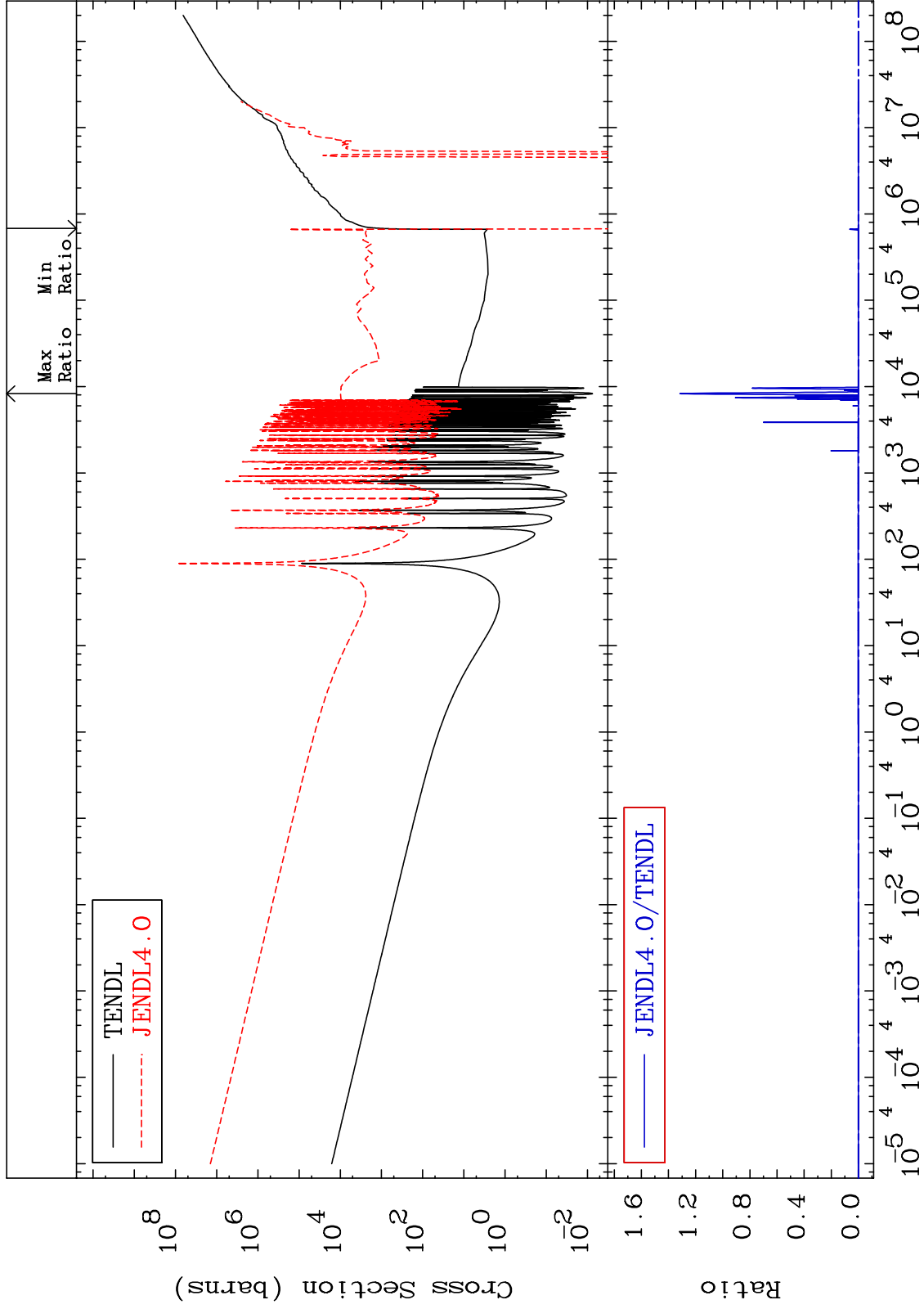
Incident Energy (eV)

48-Cd-110

MAT 4837

Kerma non-elastic (all but mt2)
Cross Section

48-Cd-110
-9999. To 9999. %



37

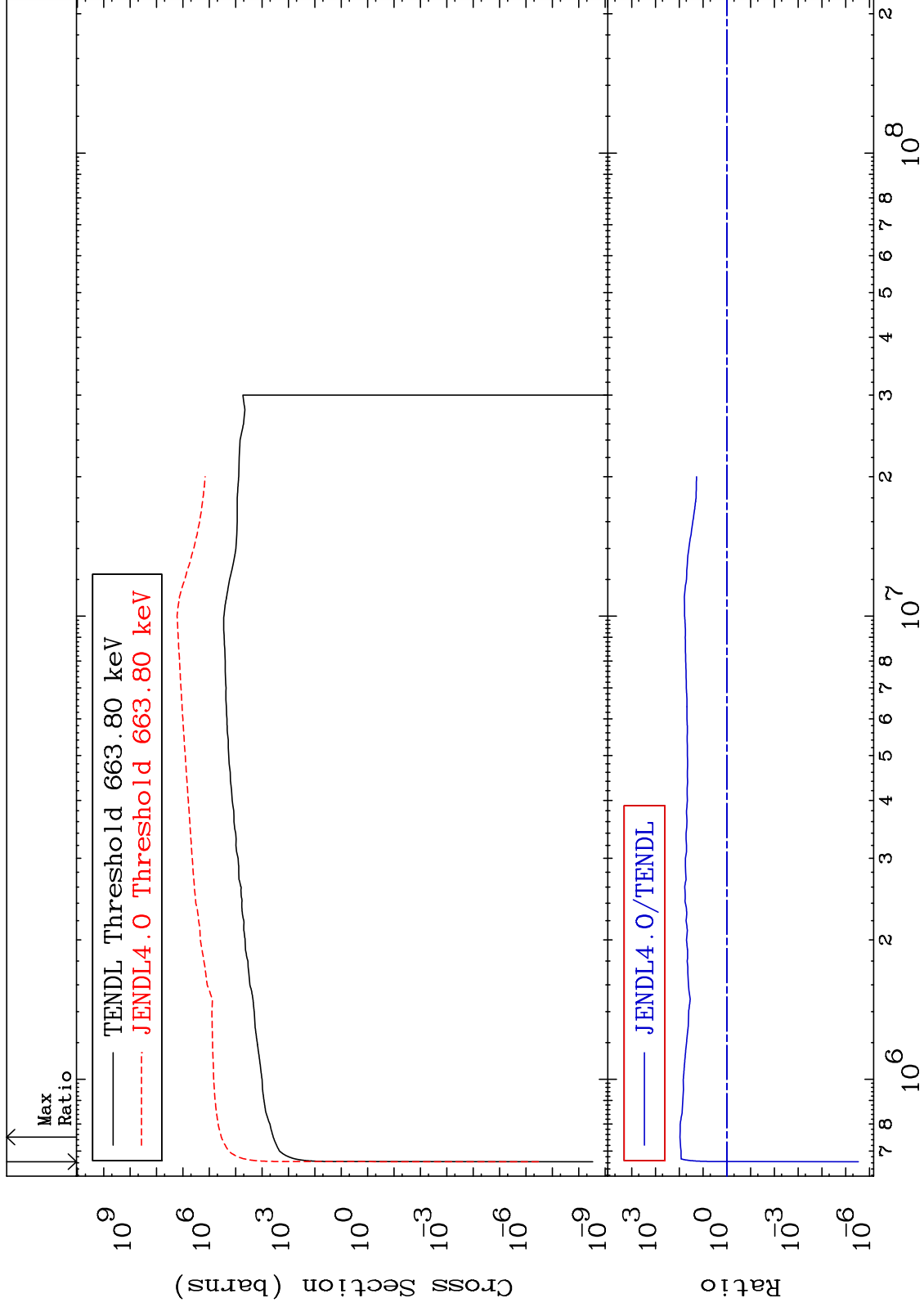
Incident Energy (eV)

48-Cd-110

MAT 4837

Kerma inelastic (mt51-91)
Cross Section

48-Cd-110
-100.0 To 9155. %



38

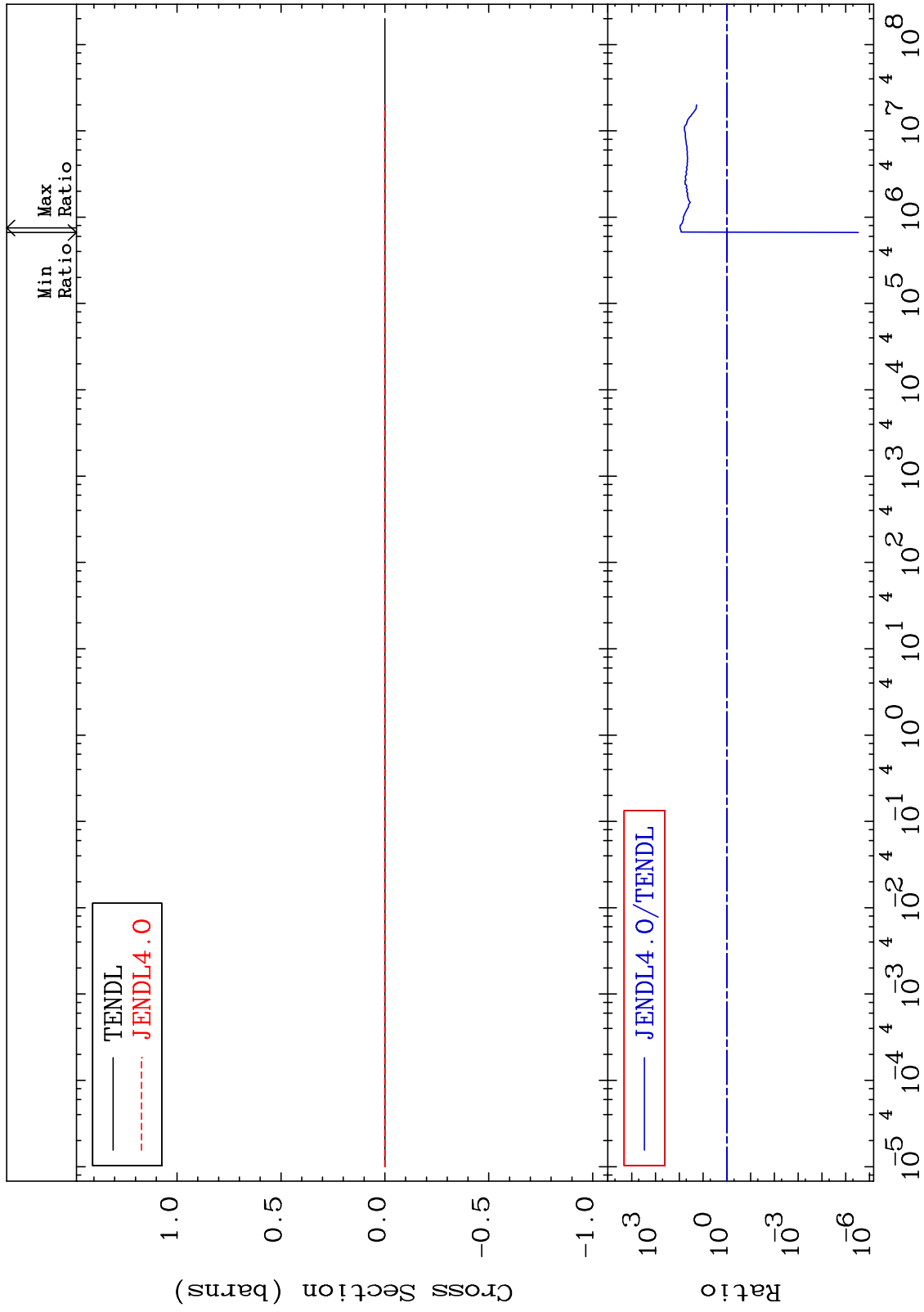
Incident Energy (eV)

48-Cd-110

MAT 4837

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

48-Cd-110
-100.0 To 9155. %



39

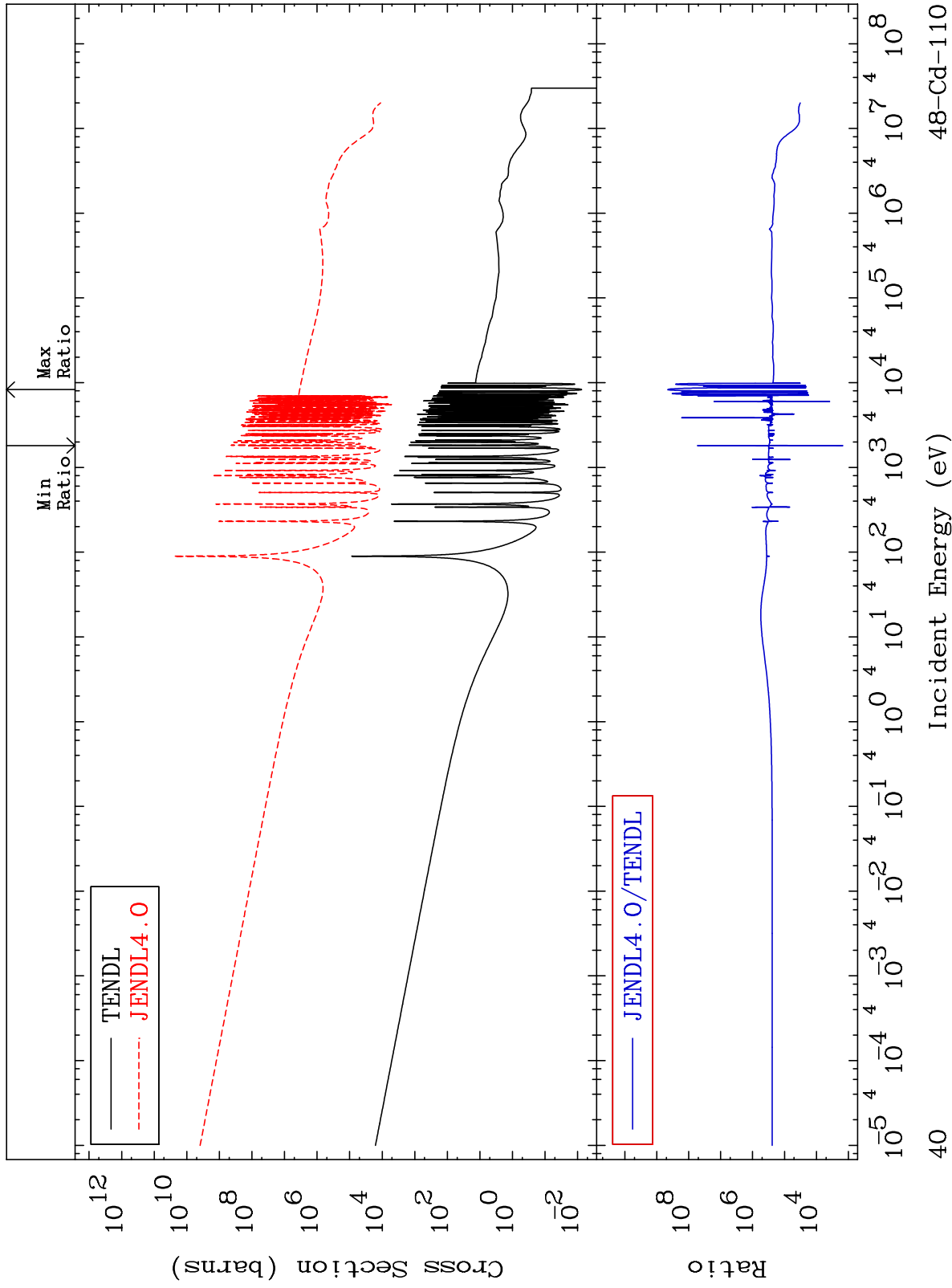
Incident Energy (eV)

48-Cd-110

MAT 4837

Kerma capture (mt102)
Cross Section

48-Cd-110
9999. To 9999. %



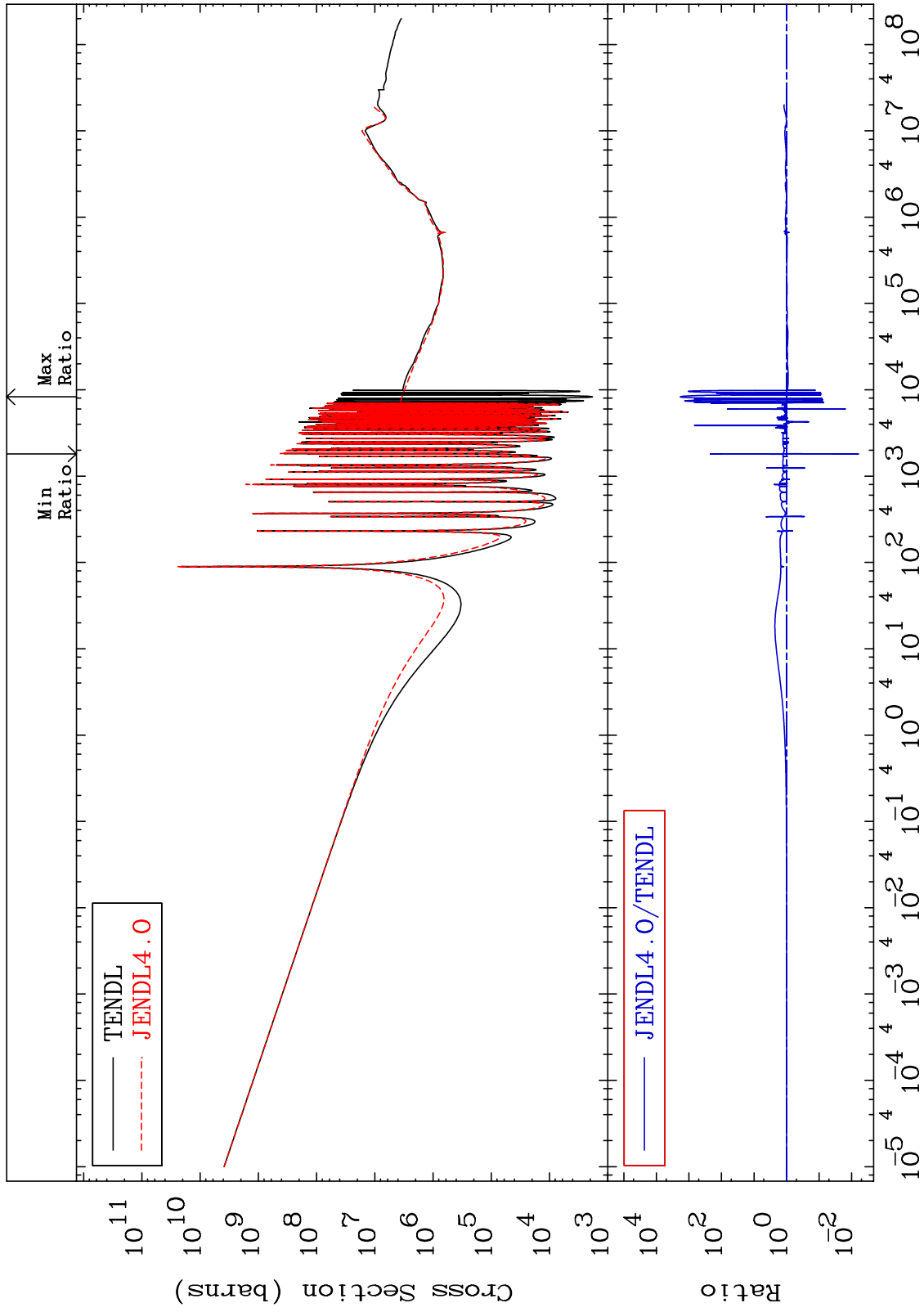
40

48-Cd-110

MAT 4837

Total photon (eV-barns)
Cross Section

48-Cd-110
-99.38 To 9999. %



41

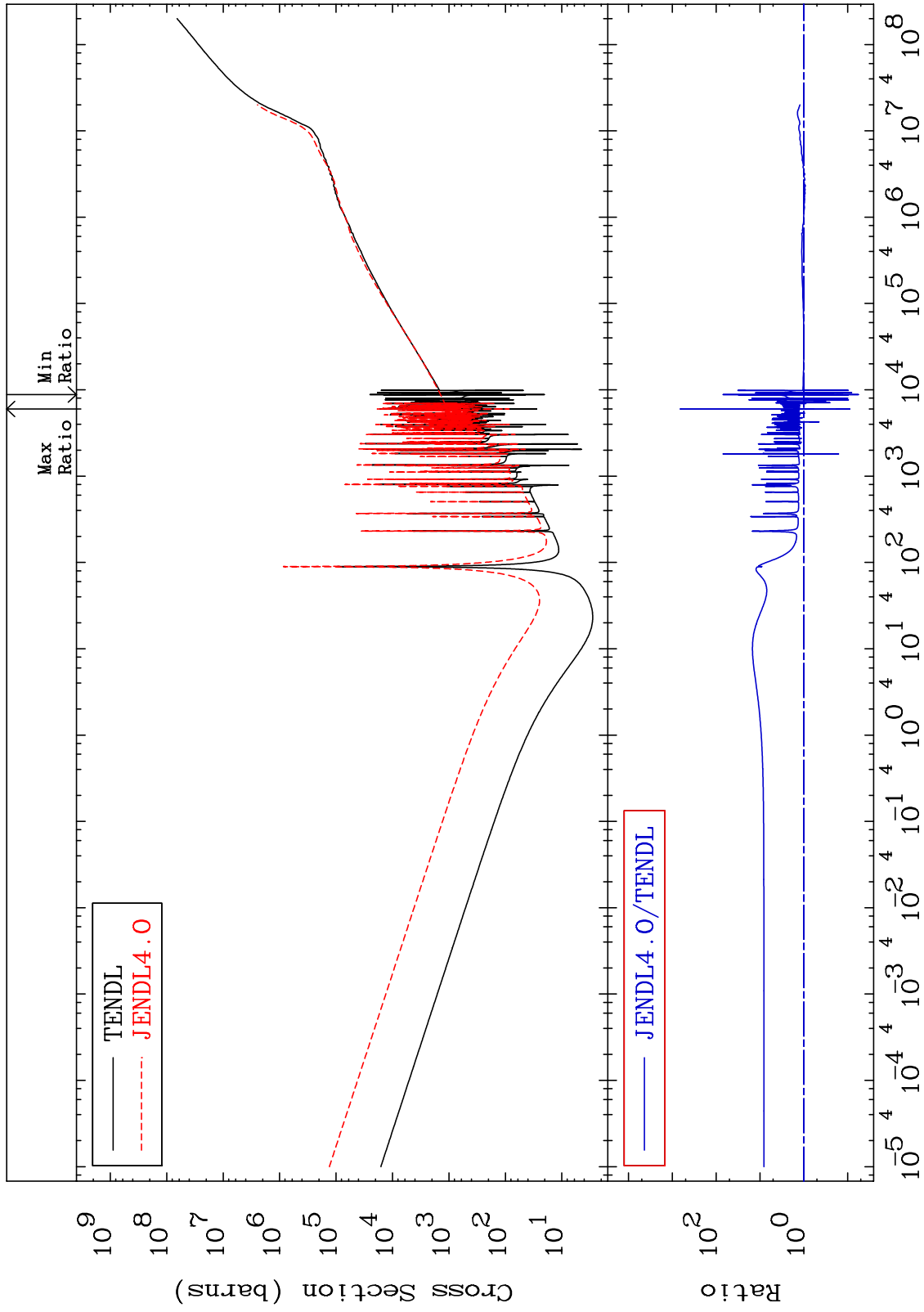
Incident Energy (eV)

48-Cd-110

MAT 4837

Total kinematic kerma (high limit)
Cross Section

48-Cd-110
-94.33 To 9999. %



42

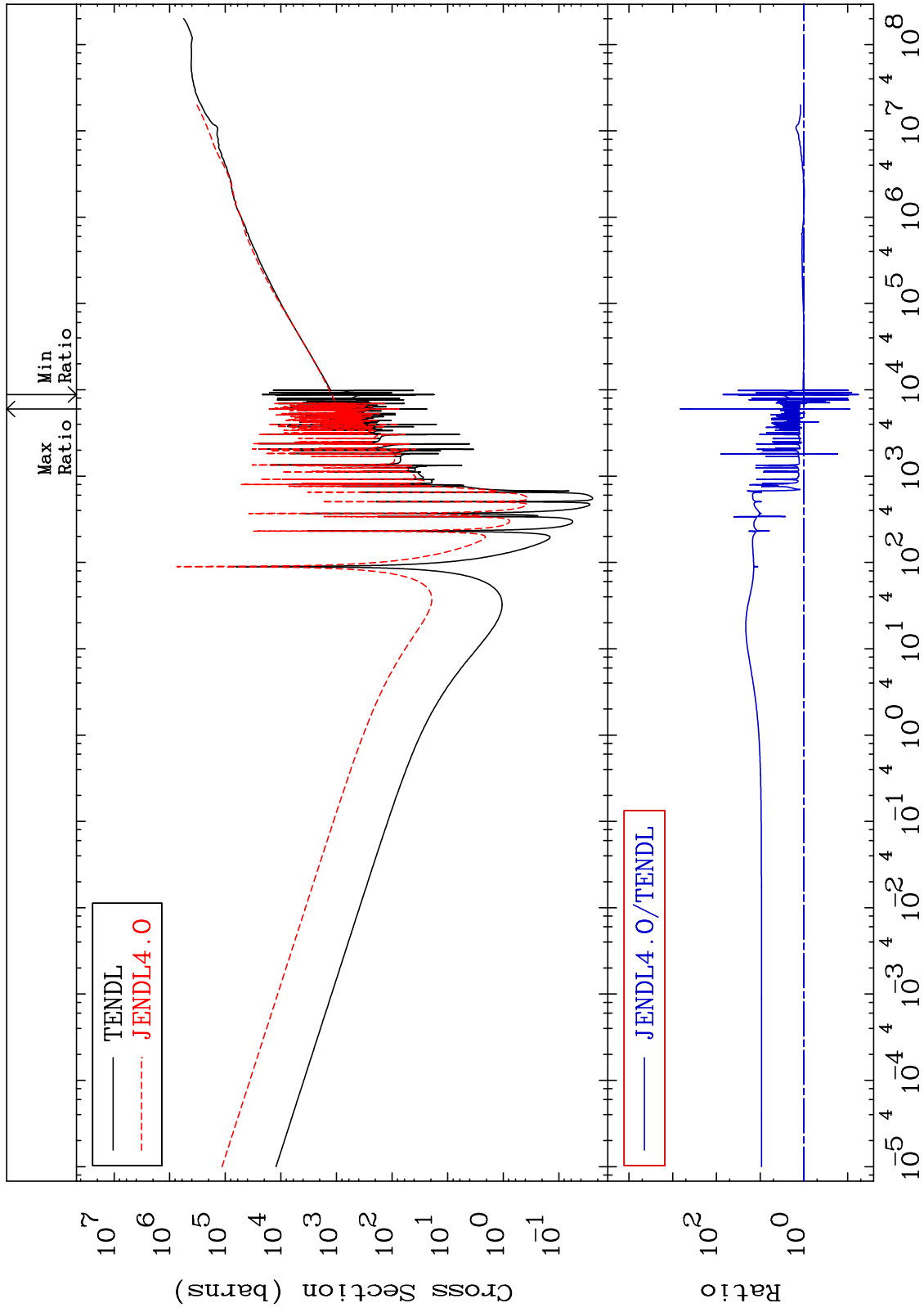
Incident Energy (eV)

48-Cd-110

MAT 4837

Dpa total (eV-barns)
Cross Section

48-Cd-110
-94.33 To 9999. %



43

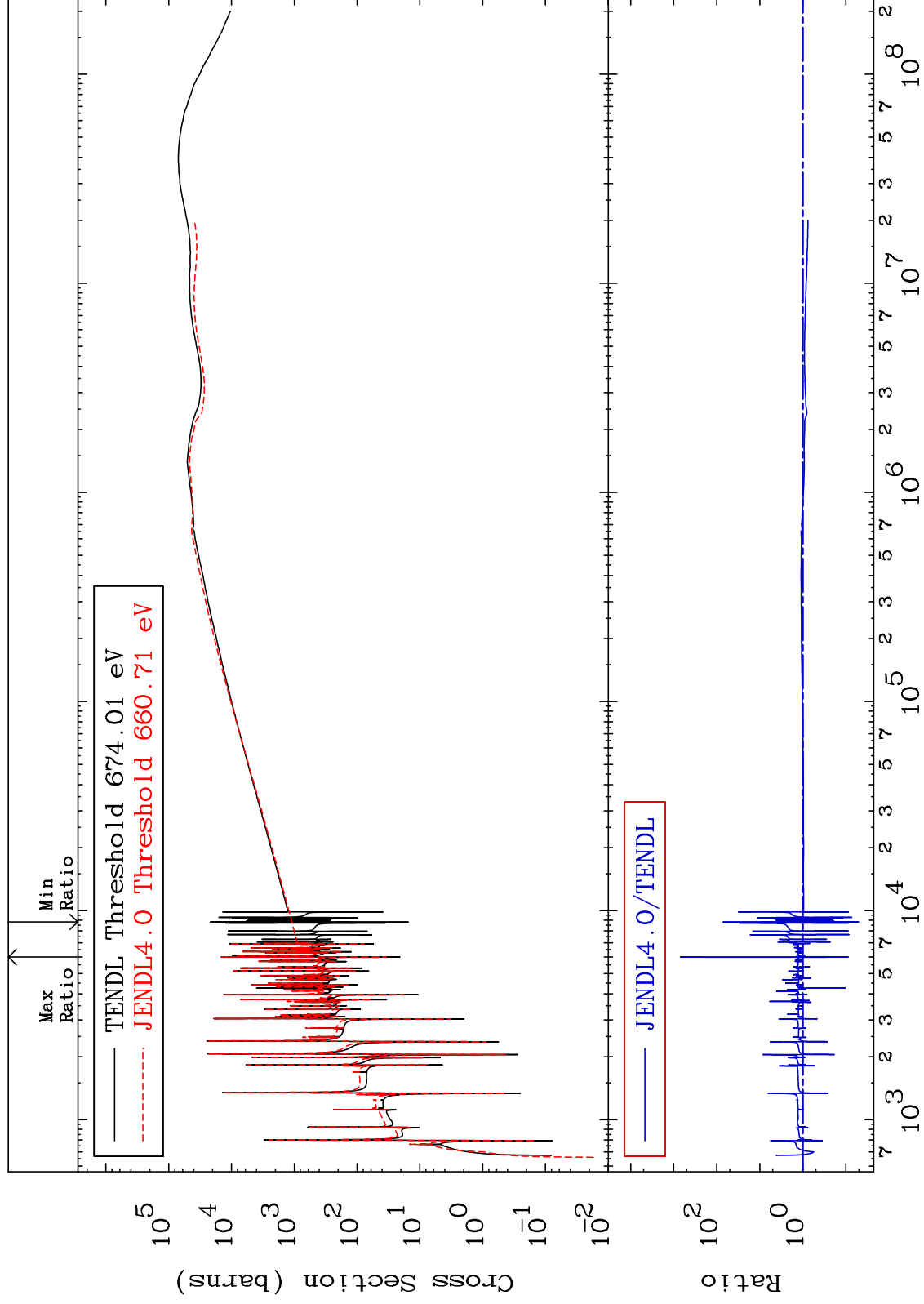
Incident Energy (eV)

48-Cd-110

MAT 4837

Dpa elastic (mt2)
Cross Section

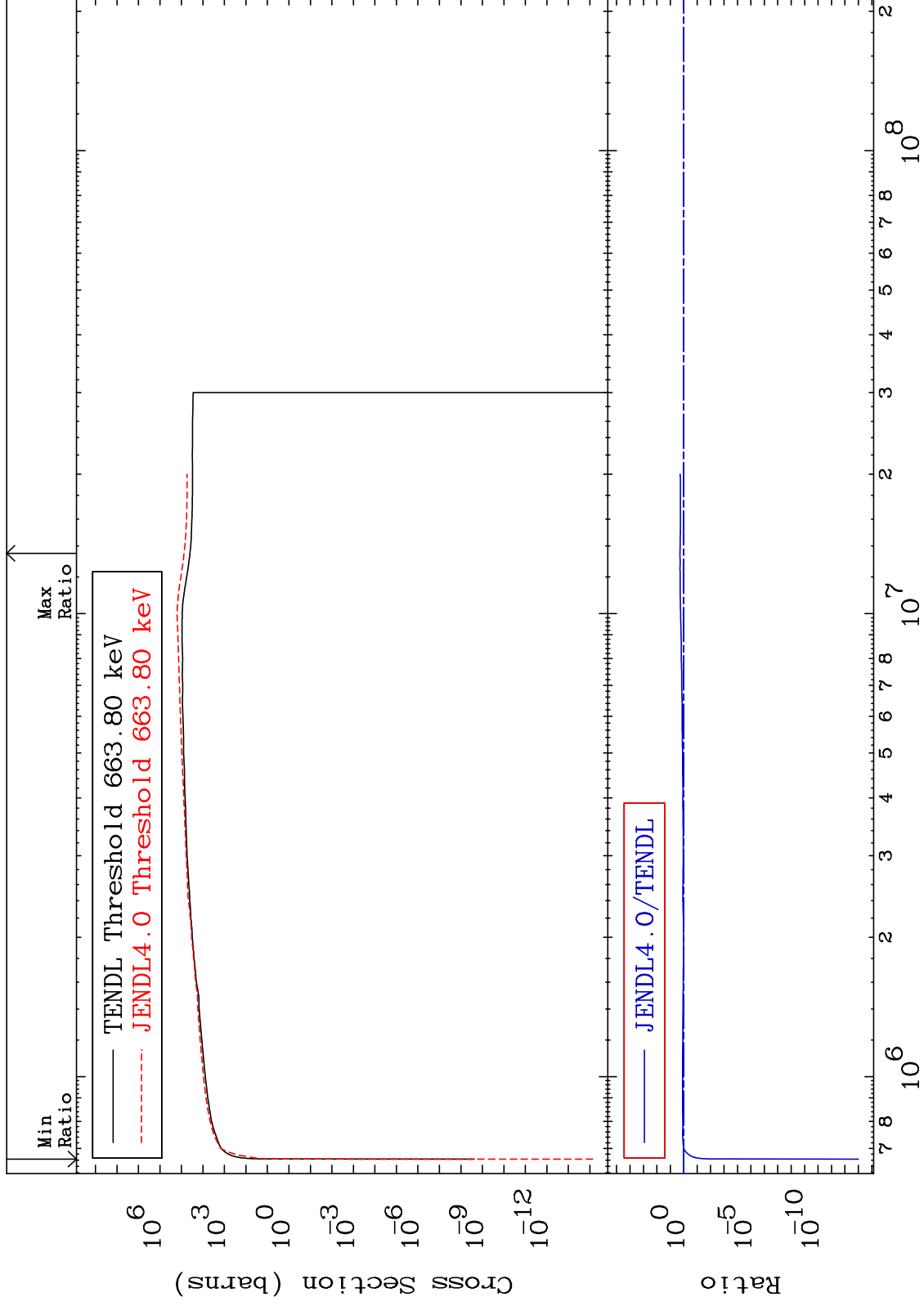
48-Cd-110
-94.91 To 9999. %



MAT 4837

Dpa inelastic (mt51-91)
Cross Section

48-Cd-110
-100.0 To 88.76 %



45

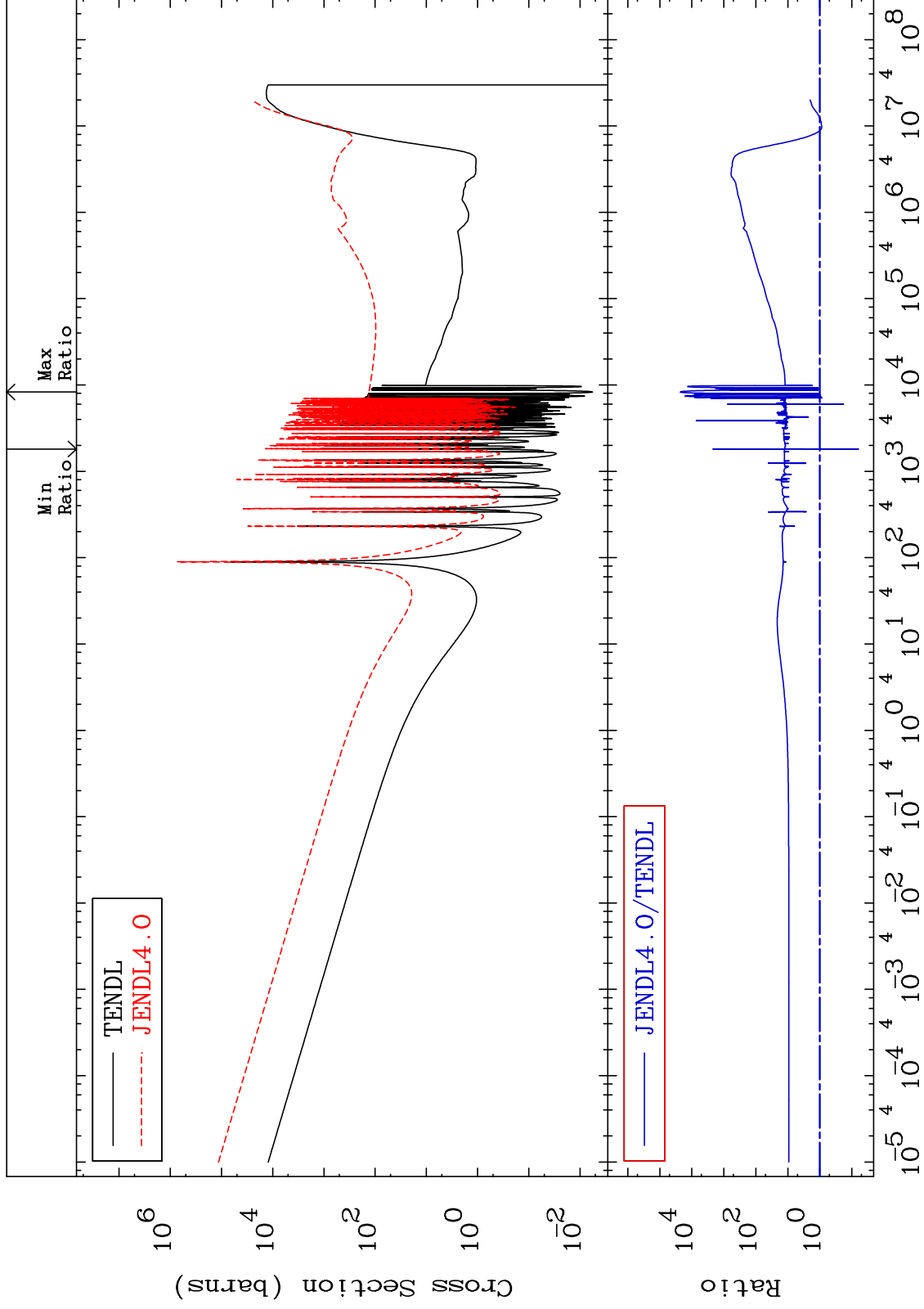
Incident Energy (eV)

48-Cd-110

MAT 4837

Dpa disappearance (mt102 -120)
Cross Section

48-Cd-110
-93.77 To 9999. %



46

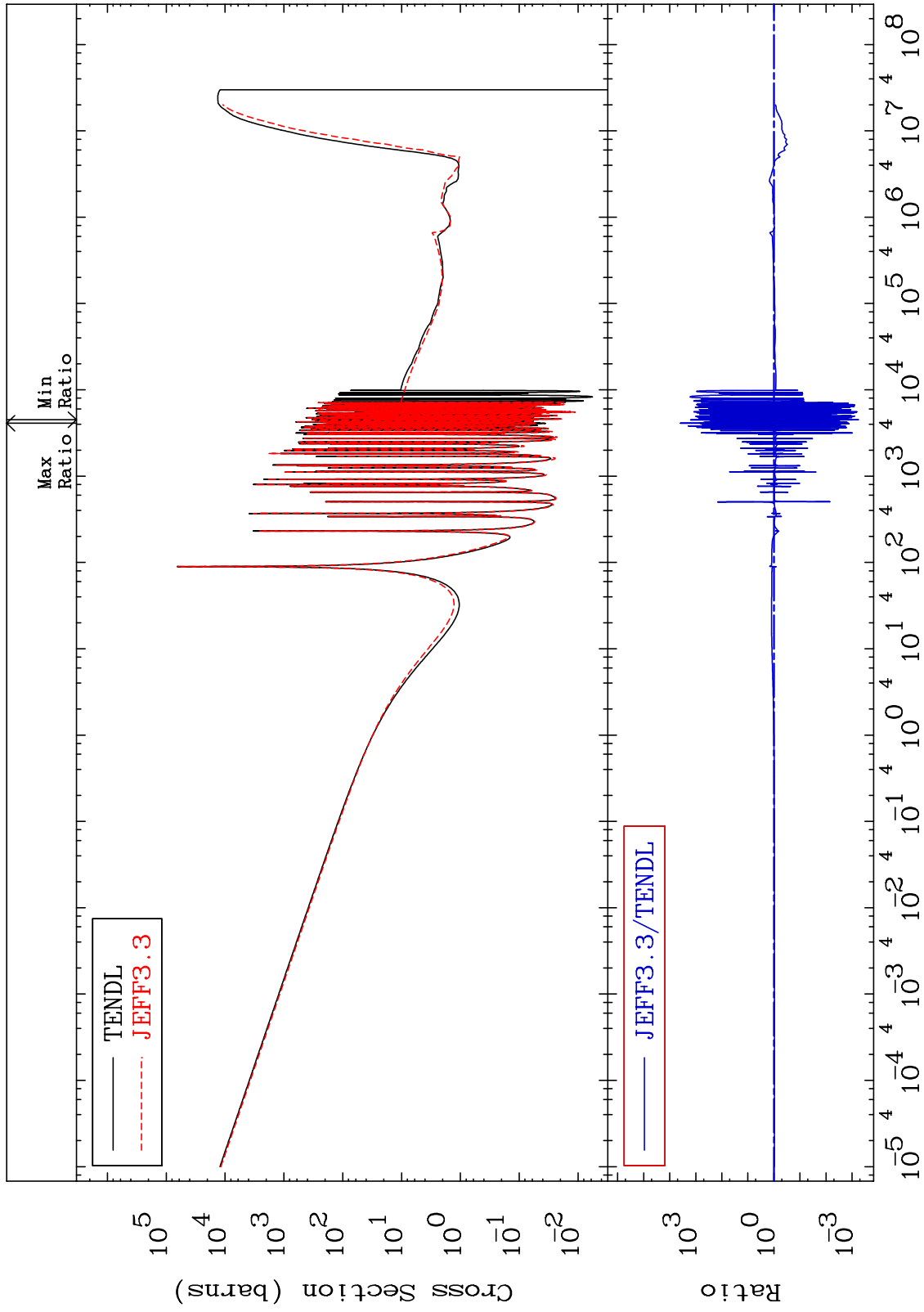
Incident Energy (eV)

48-Cd-110

MAT 4837

Dpa disappearance (mt102 -120)
Cross Section

48-Cd-110
-99.94 To 9999. %



47

Incident Energy (eV)

48-Cd-110