

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

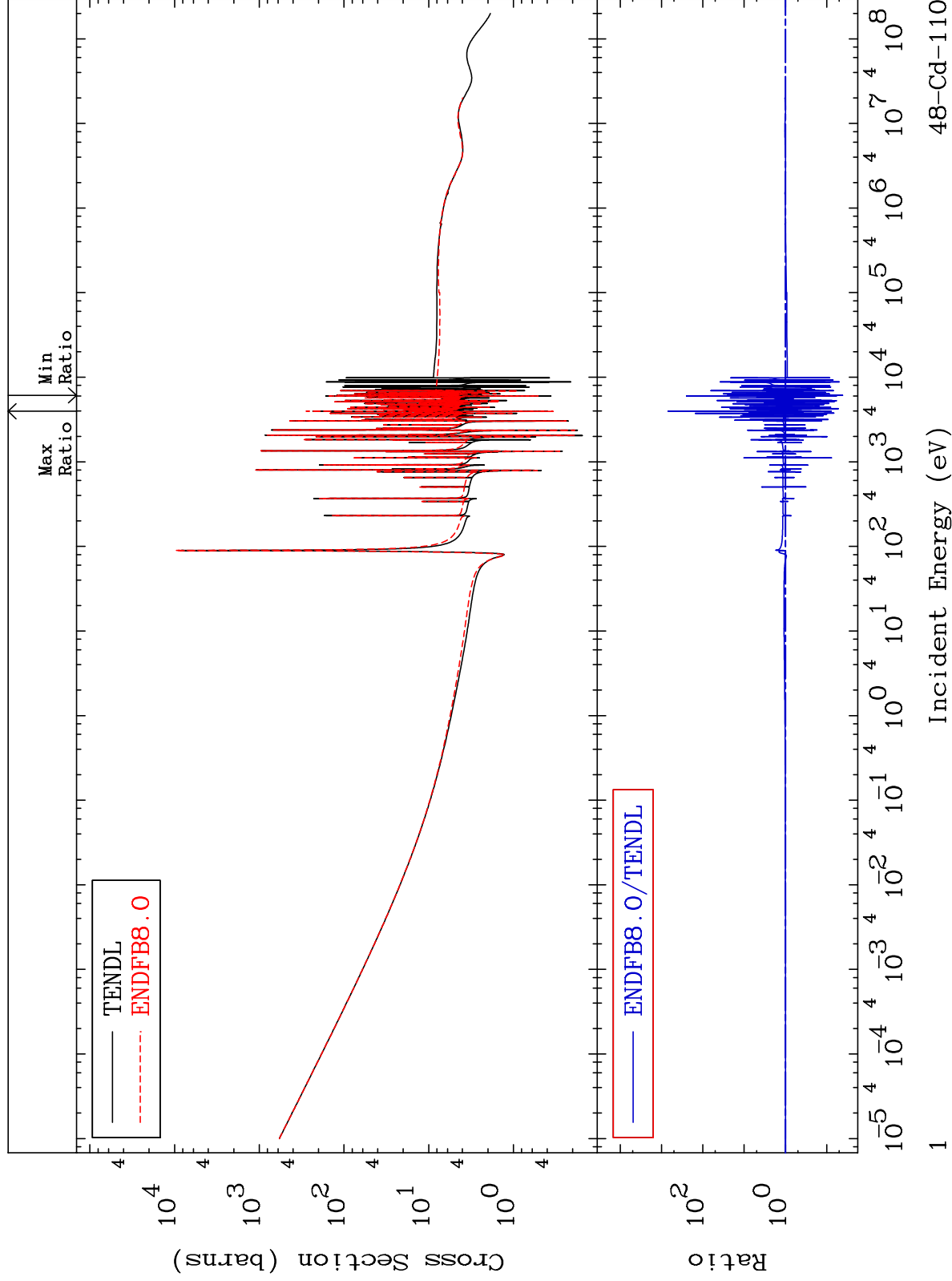
MAT 4837

Total

48-Cd-110

Cross Section

-95.93 To 9999. %



48-Cd-110

Incident Energy (eV)

1

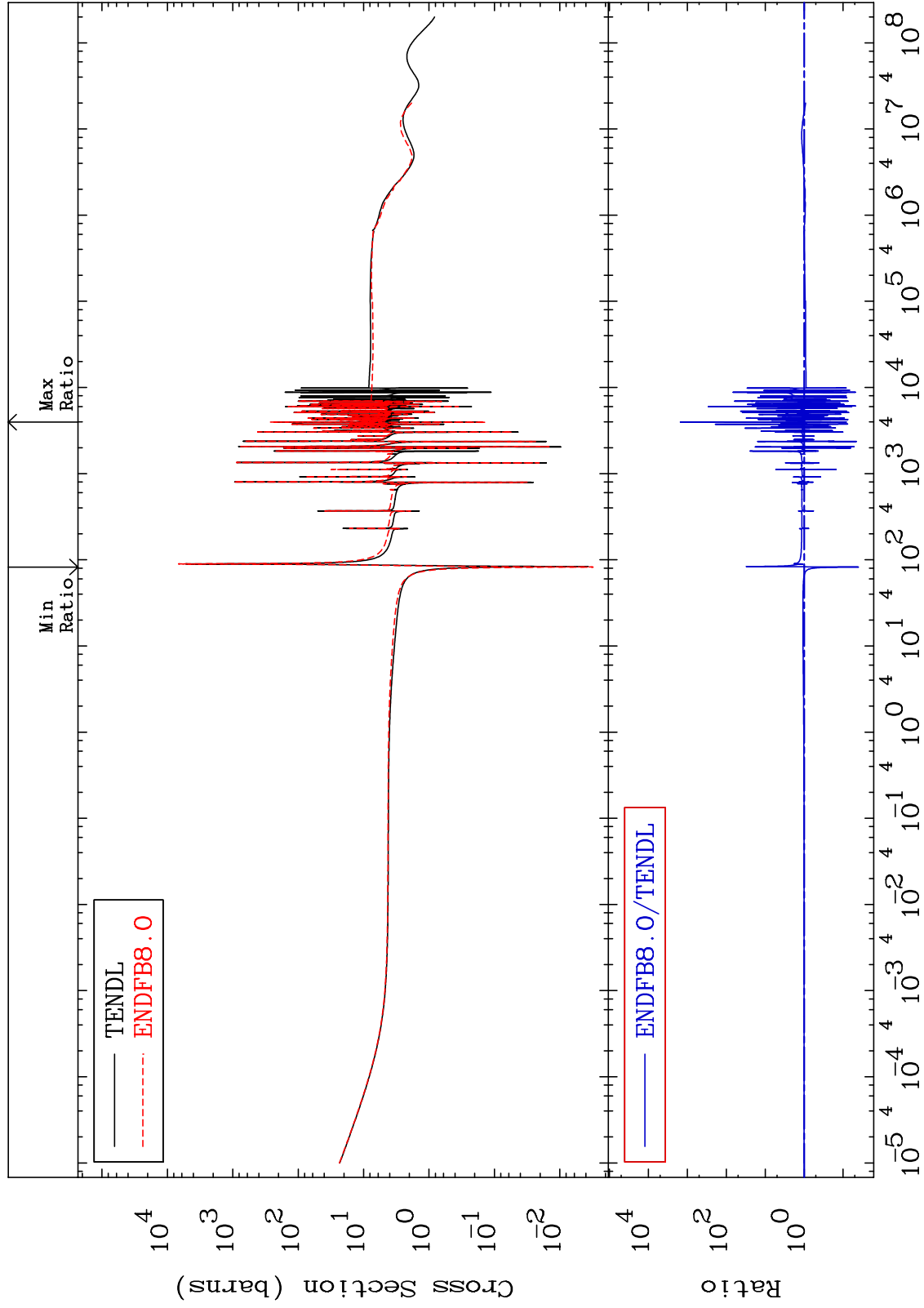
MAT 4837

Elastic

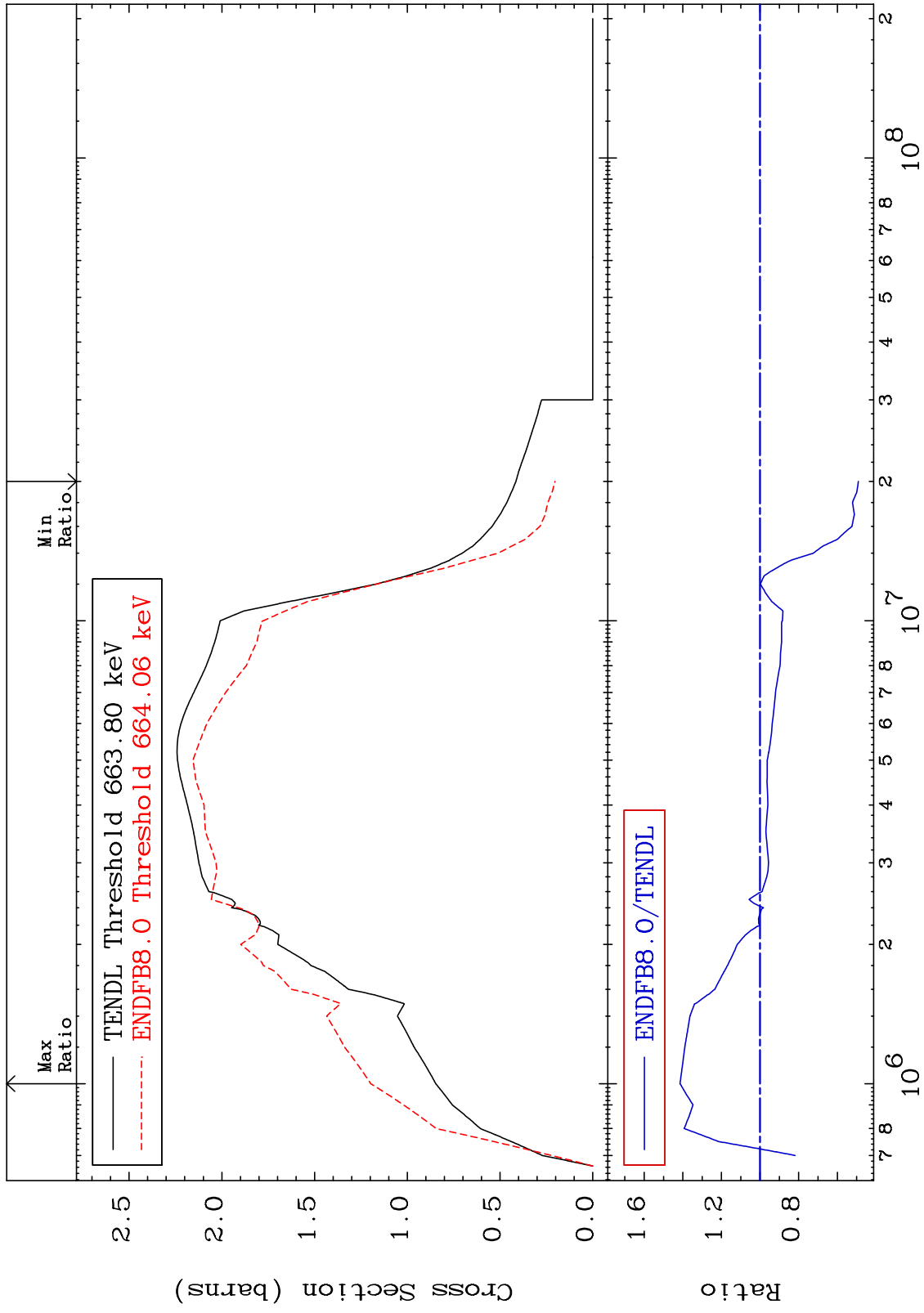
Cross Section

48-Cd-110

-95.98 To 9999. %



MAT 4837 Inelastic Cross Section 48-Cd-110 -50.92 To 41.44 %



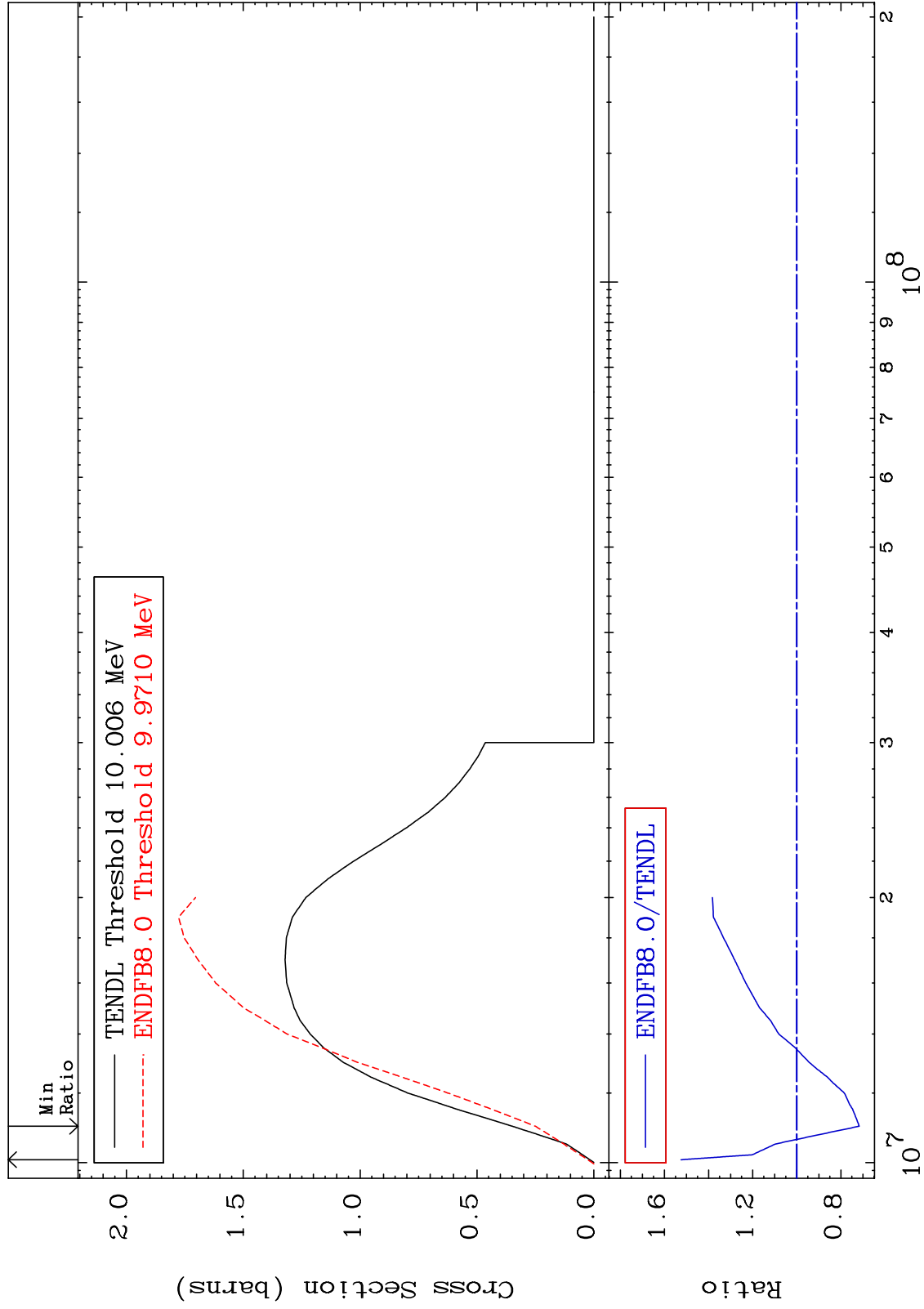
MAT 4837

(n,2n)

48-Cd-110

Cross Section

-28.34 To 52.49 %



48-Cd-110

48-Cd-110

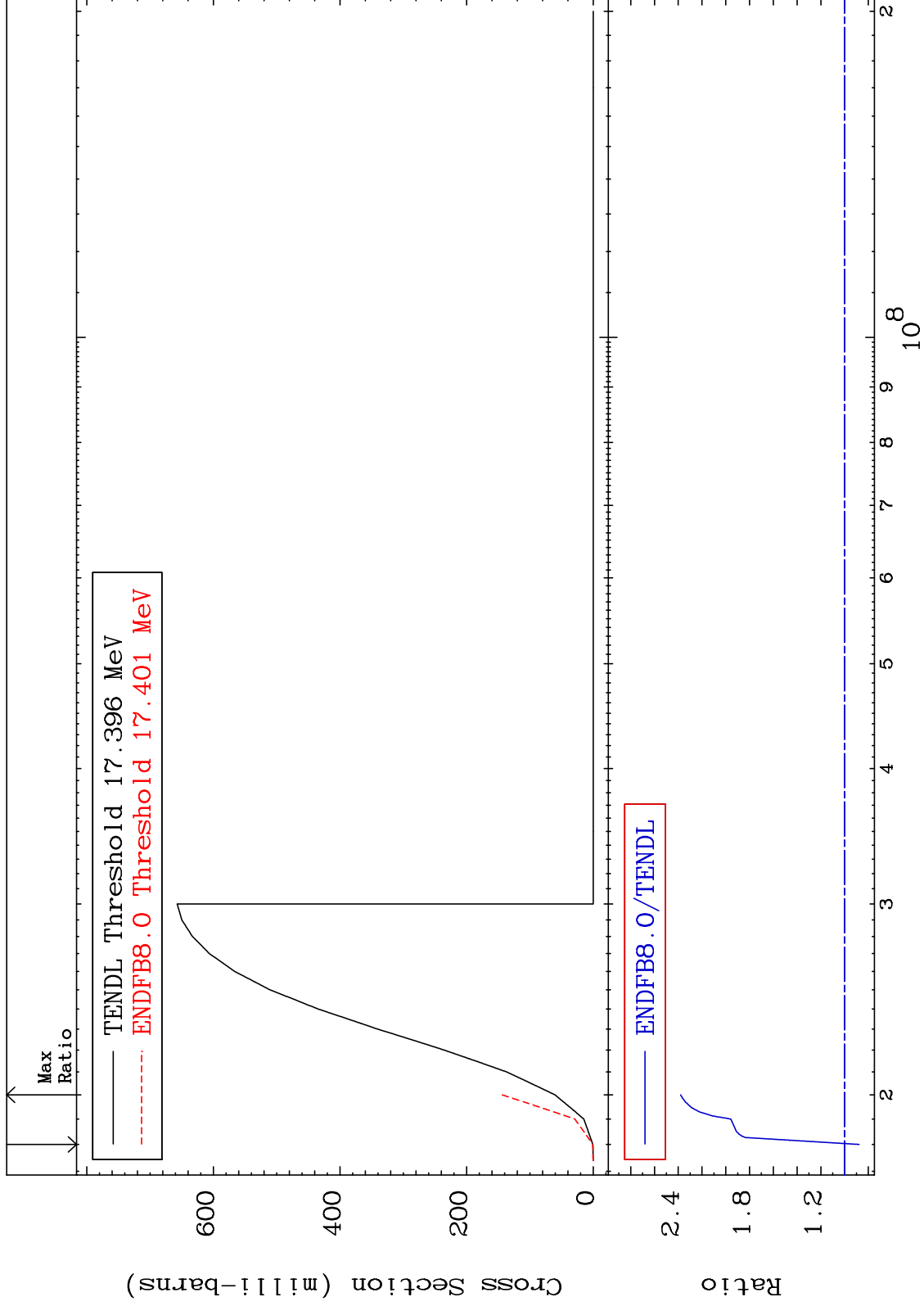
MAT 4837

(n,3n)

48-Cd-110

Cross Section

-12.27 To 138.0 %



5

Incident Energy (eV)

48-Cd-110

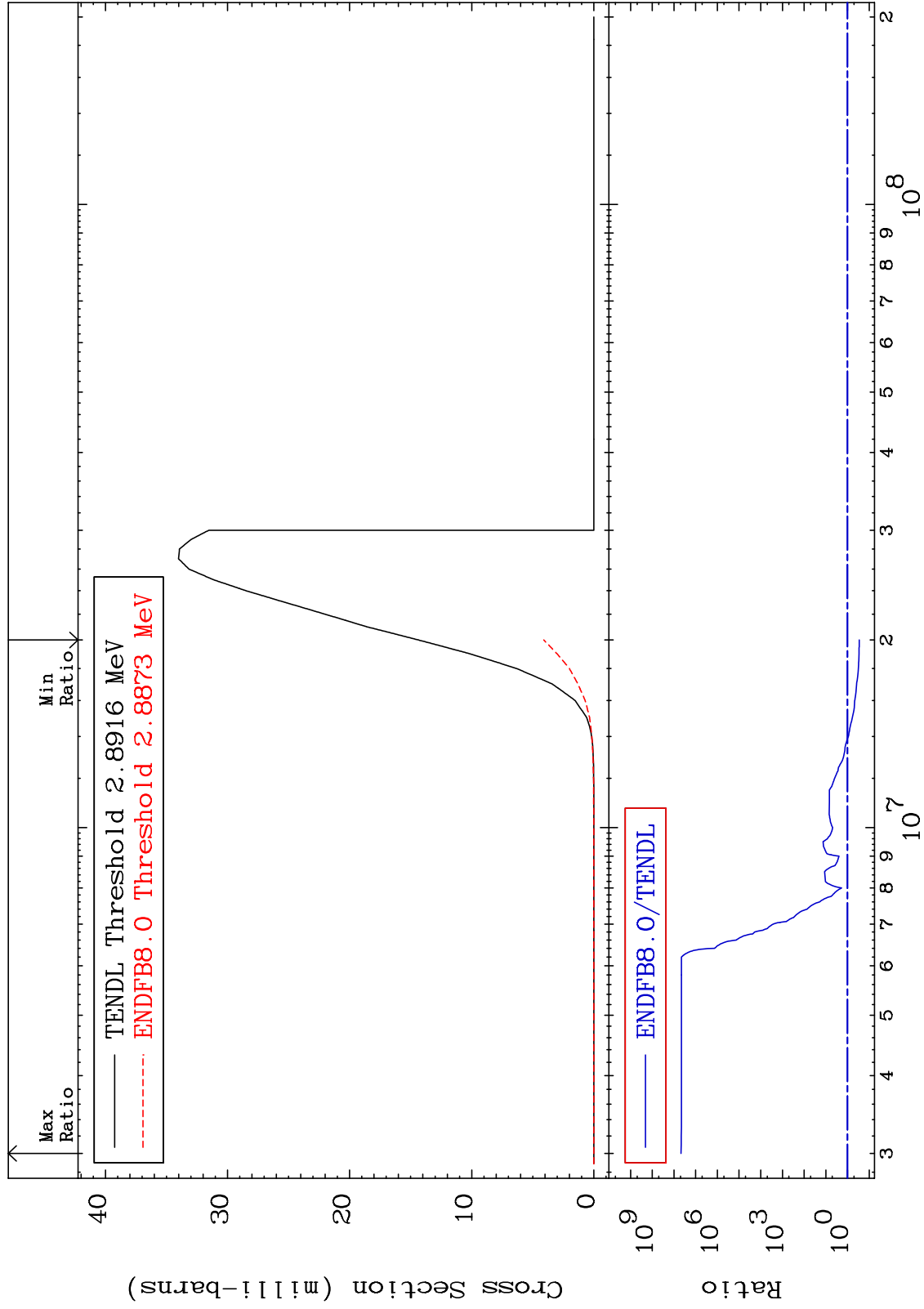
MAT 4837

(n,n') α

48-Cd-110

-71.44 To 9999. %

Cross Section



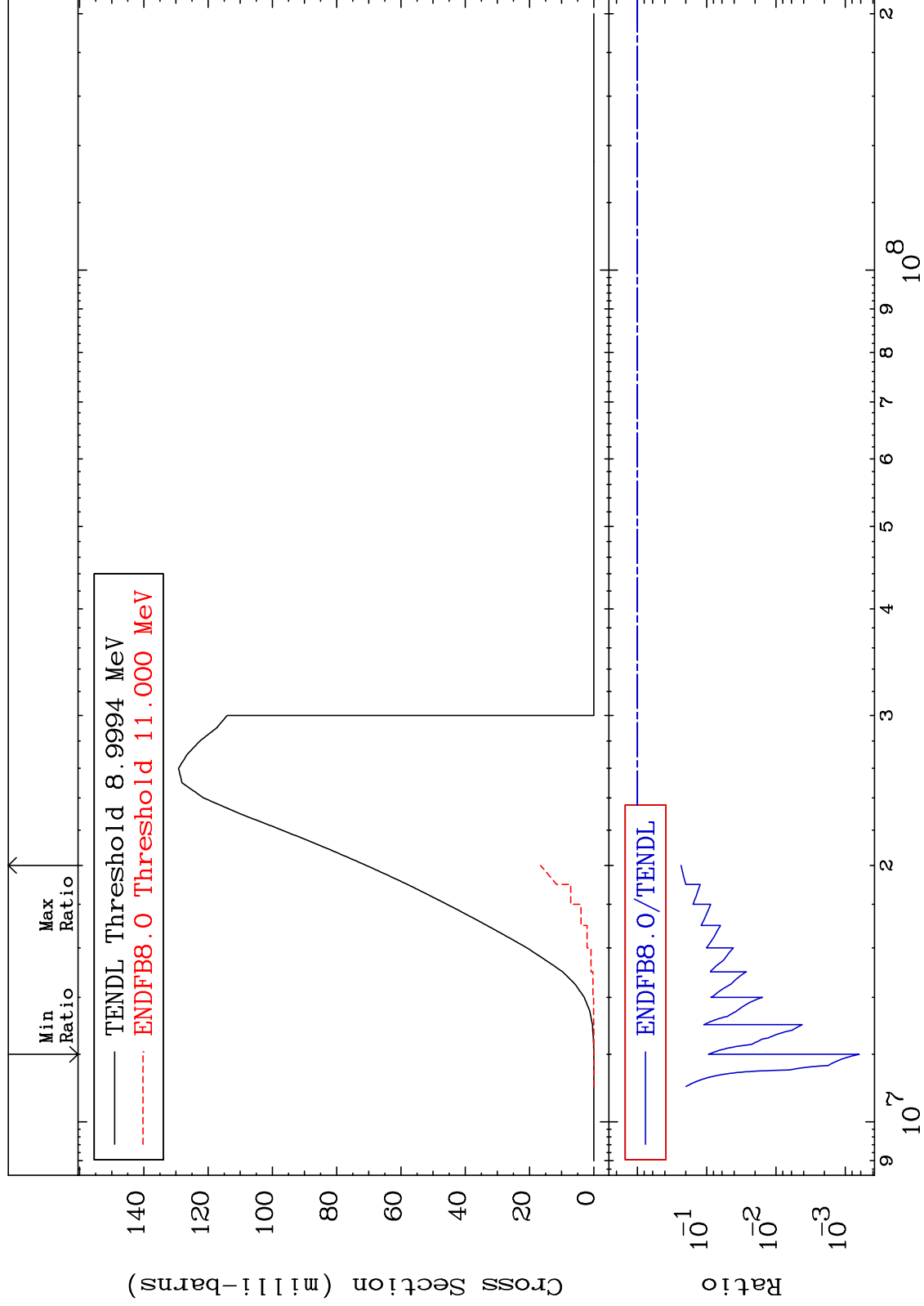
MAT 4837

(n,n') p

48-Cd-110

Cross Section

-99.94 To -76.57%



48-Cd-110

Incident Energy (eV)

7

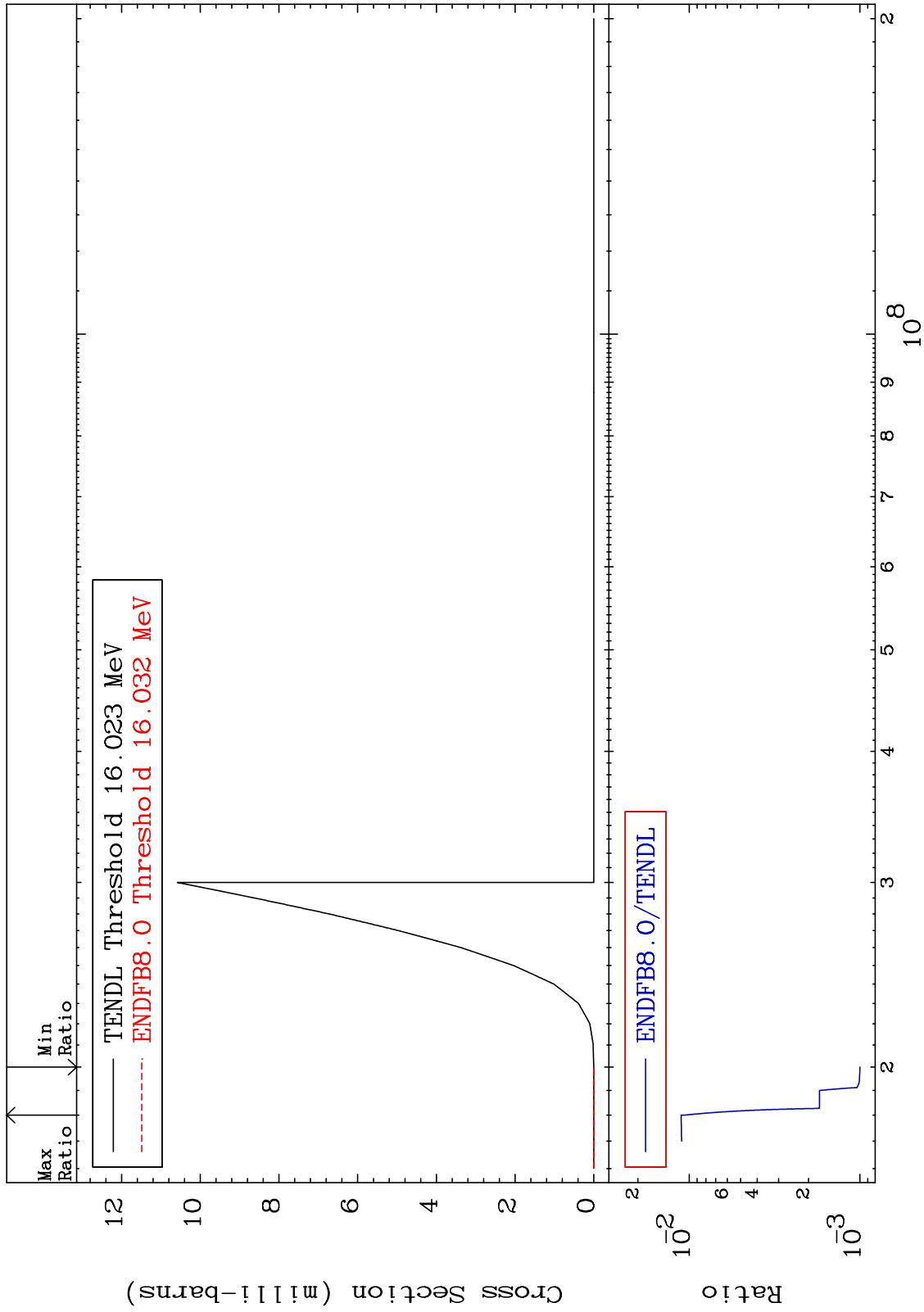
MAT 4837

(n,n') d

48-Cd-110

Cross Section

-99.90 To -98.88%



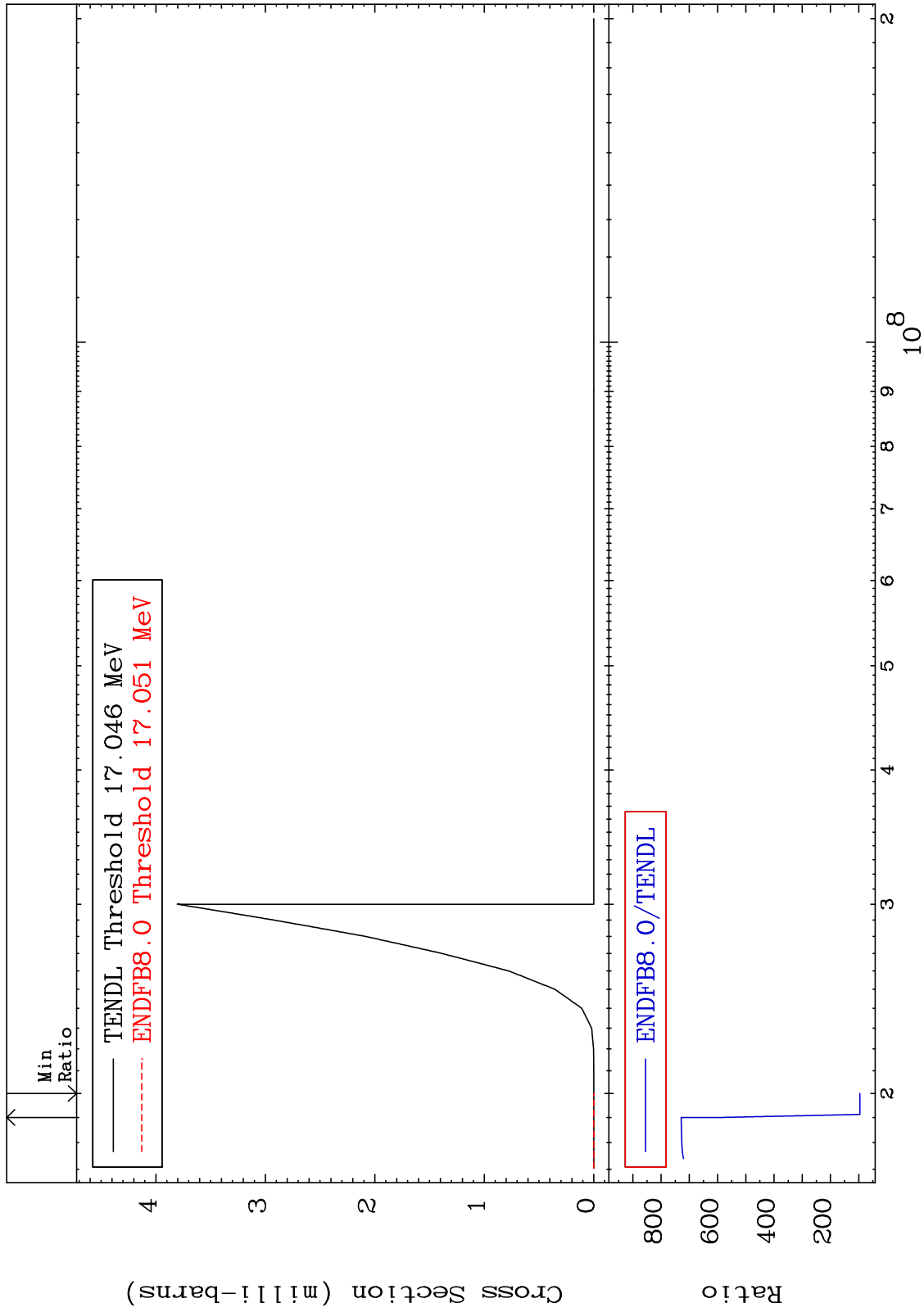
MAT 4837

(n,n') t

48-Cd-110

Cross Section

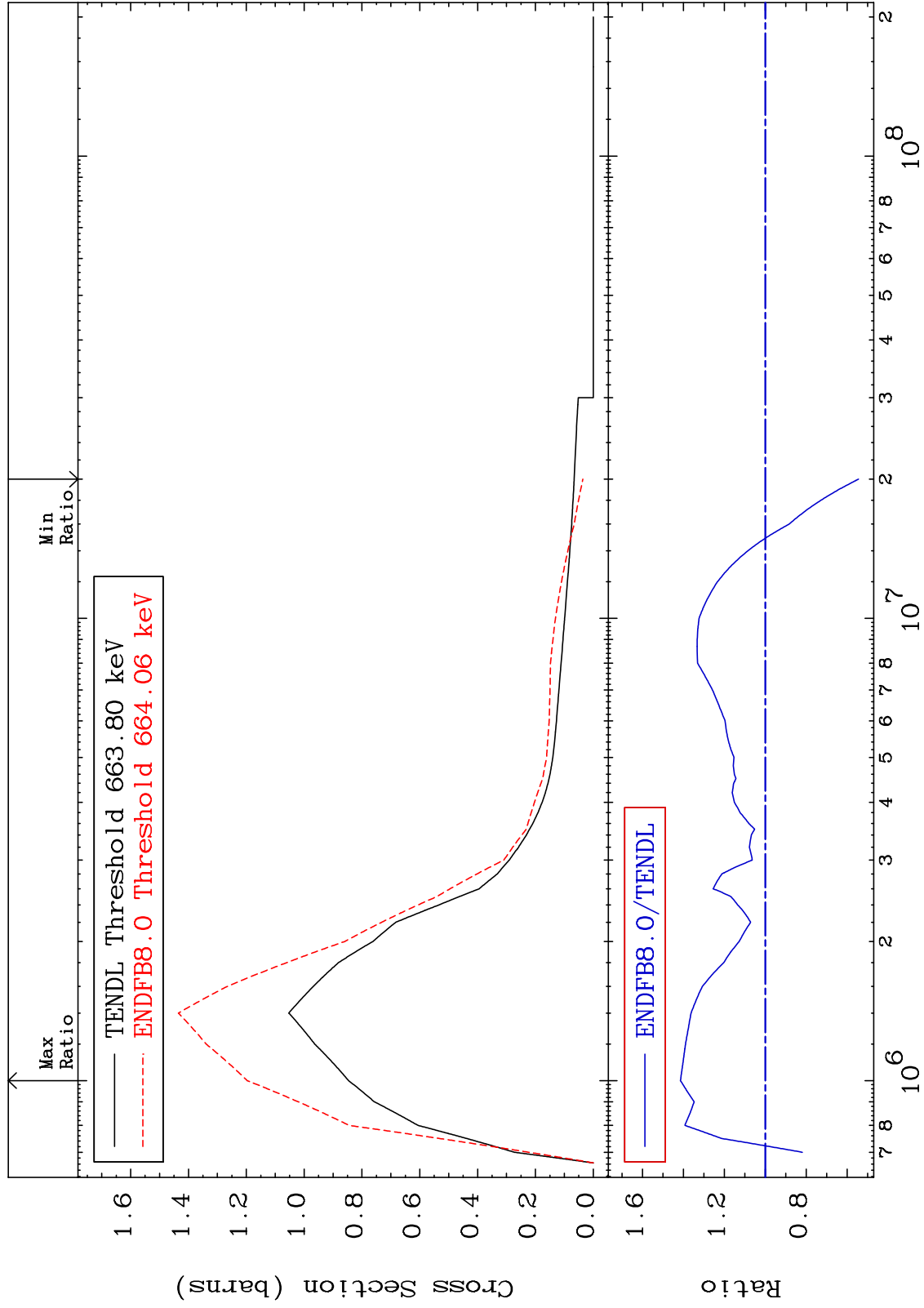
-99.99 To -99.93%



MAT 4837

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

48-Cd-110
-45.58 To 41.44 %

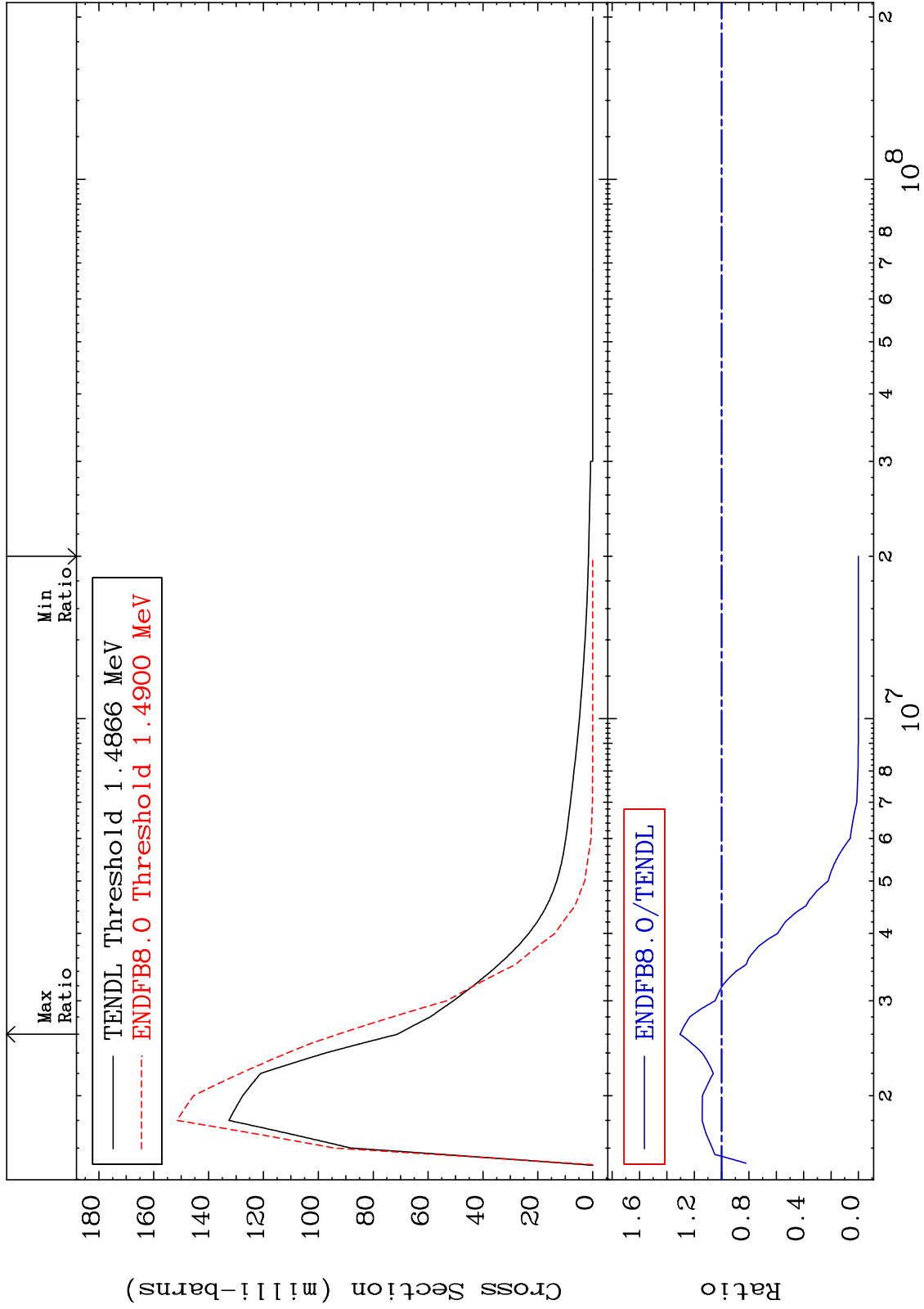


10 7 8 10⁶ 10⁷ 10⁸ 2 3 4 5 6 7 8 10 48-Cd-110

MAT 4837

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

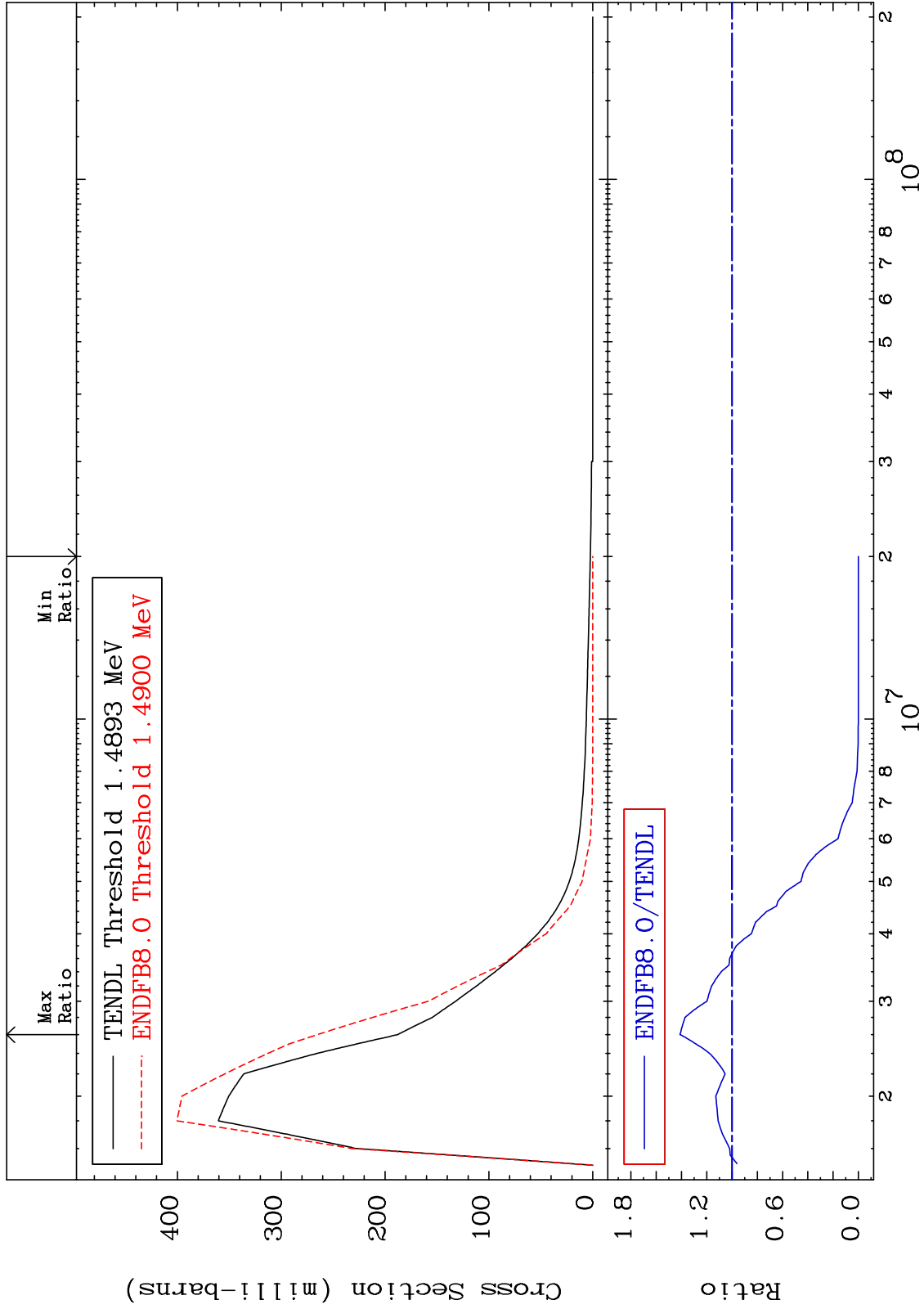
48-Cd-110
-100.0 To 30.41 %



MAT 4837

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

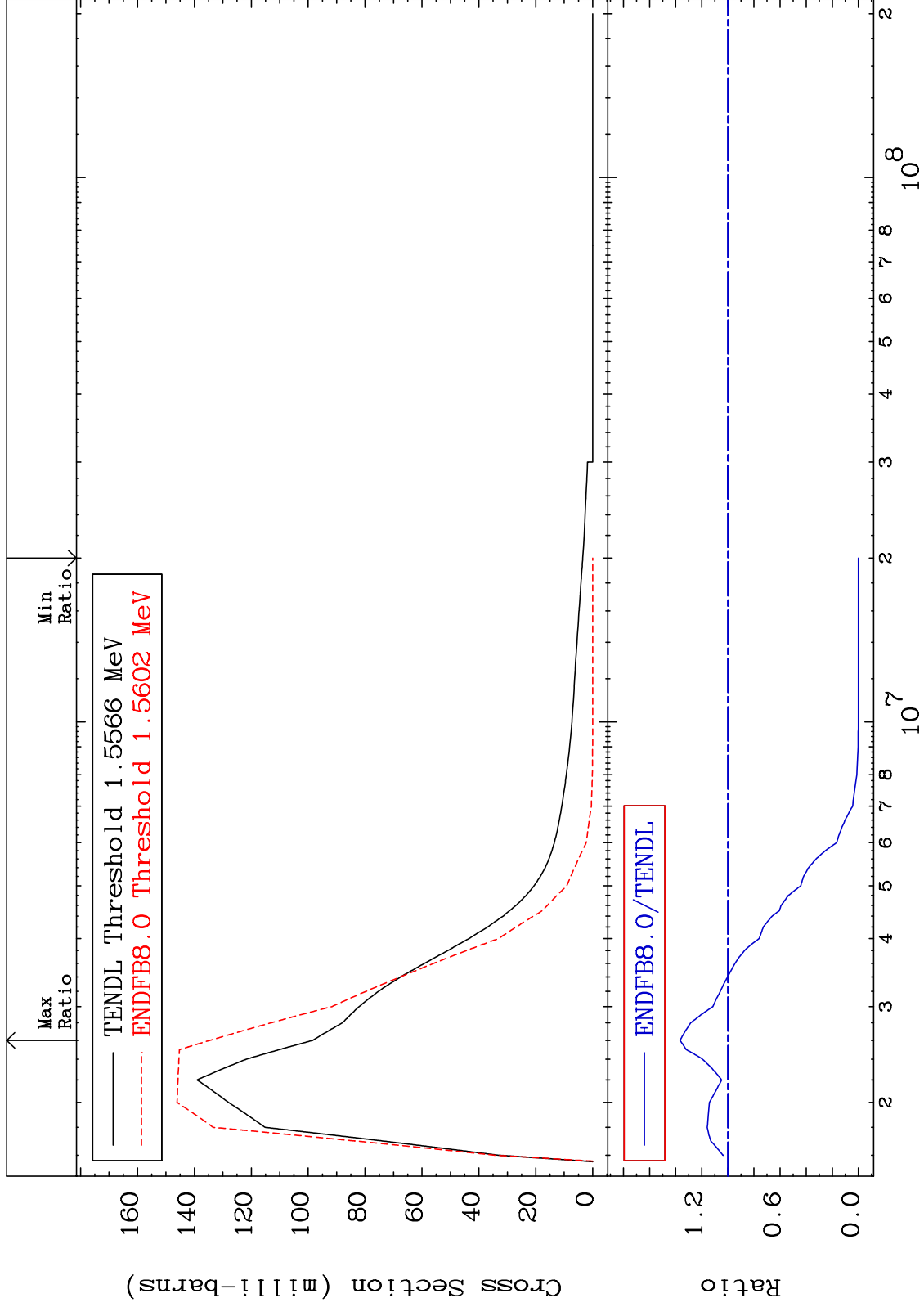
48-Cd-110
-100.0 To 41.15 %



MAT 4837

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

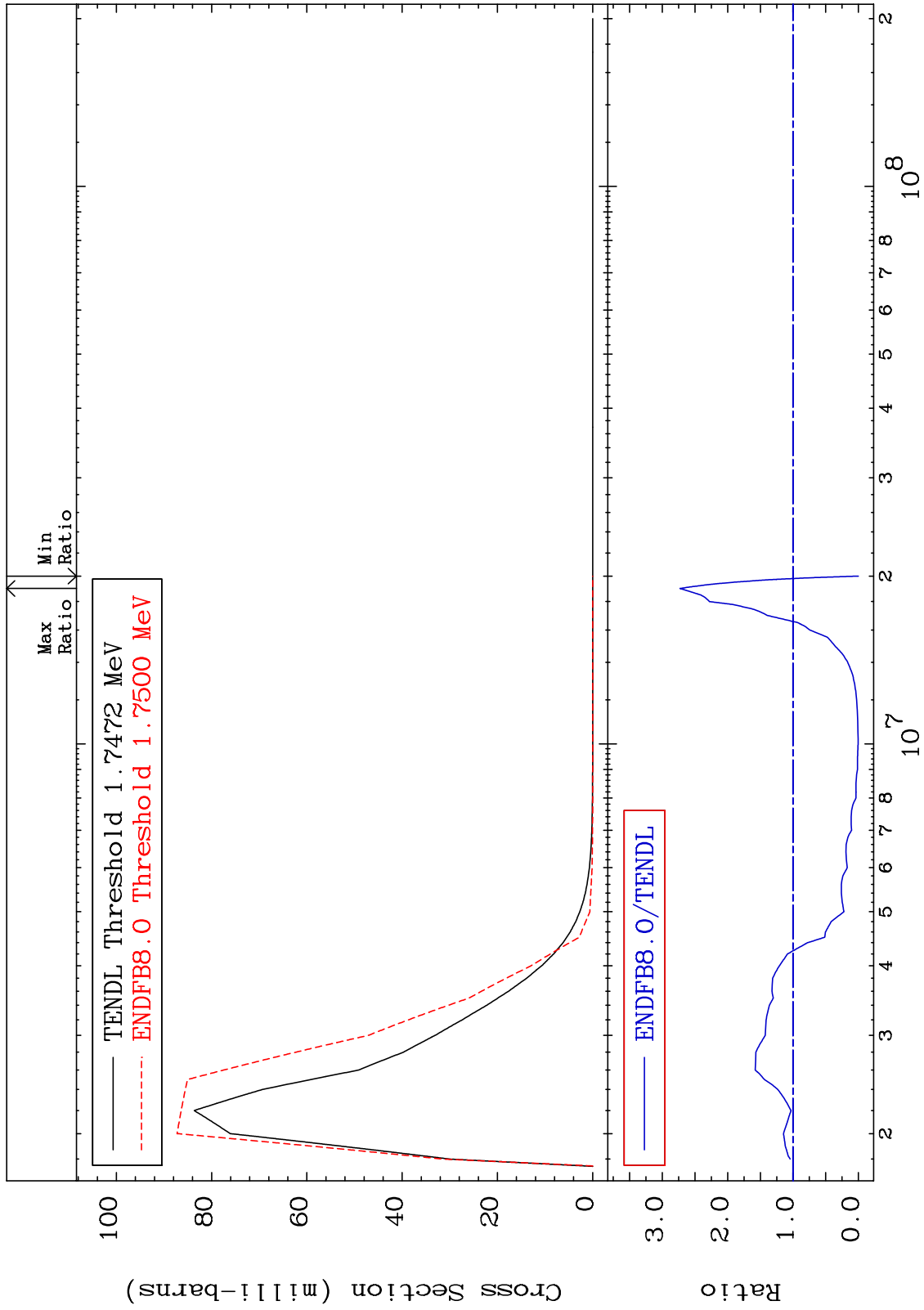
48-Cd-110
-100.0 To 36.67 %



MAT 4837

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

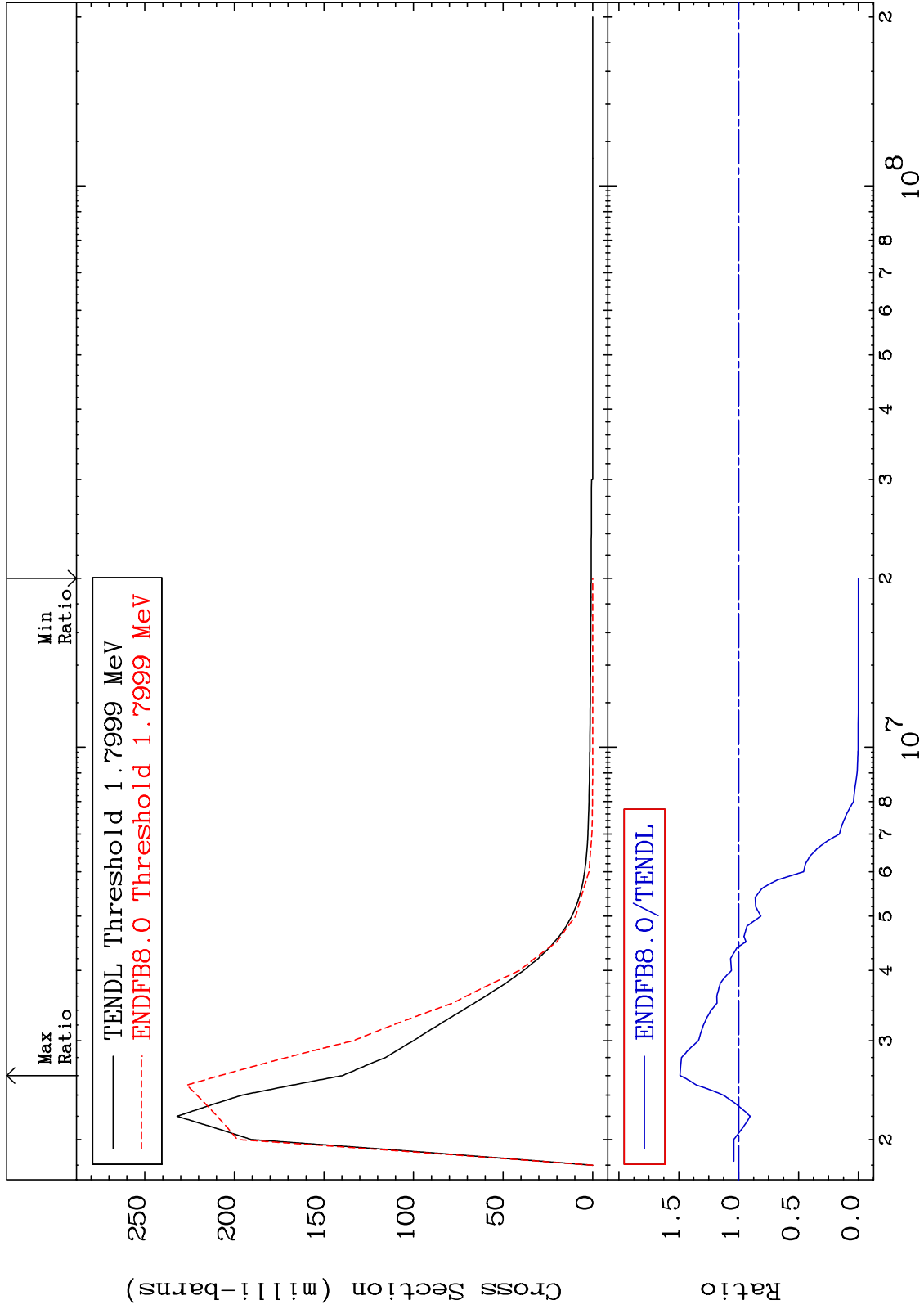
48-Cd-110
-100.0 To 172.9 %



MAT 4837

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

48-Cd-110
-100.0 To 48.95 %



15

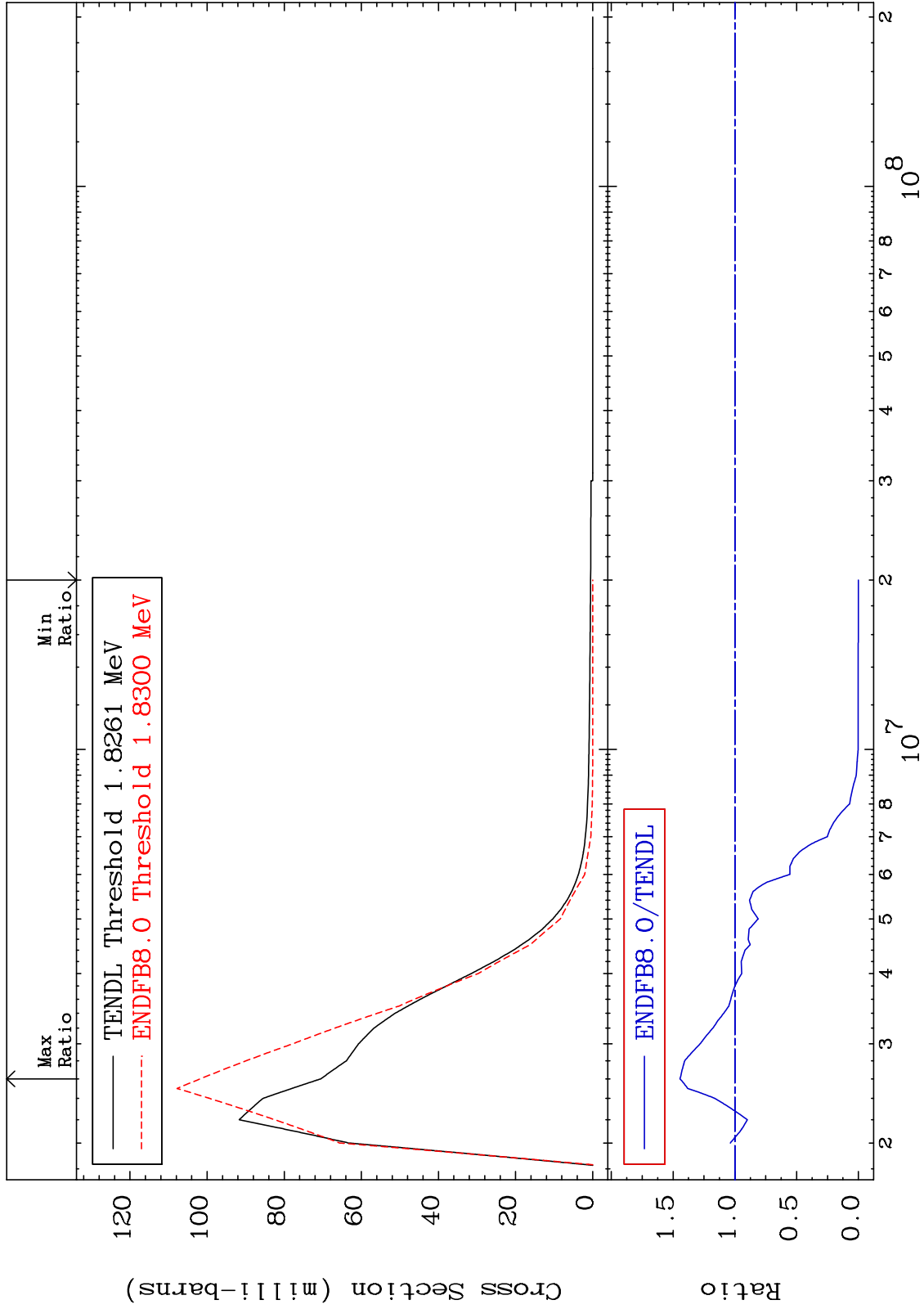
Incident Energy (eV)

48-Cd-110

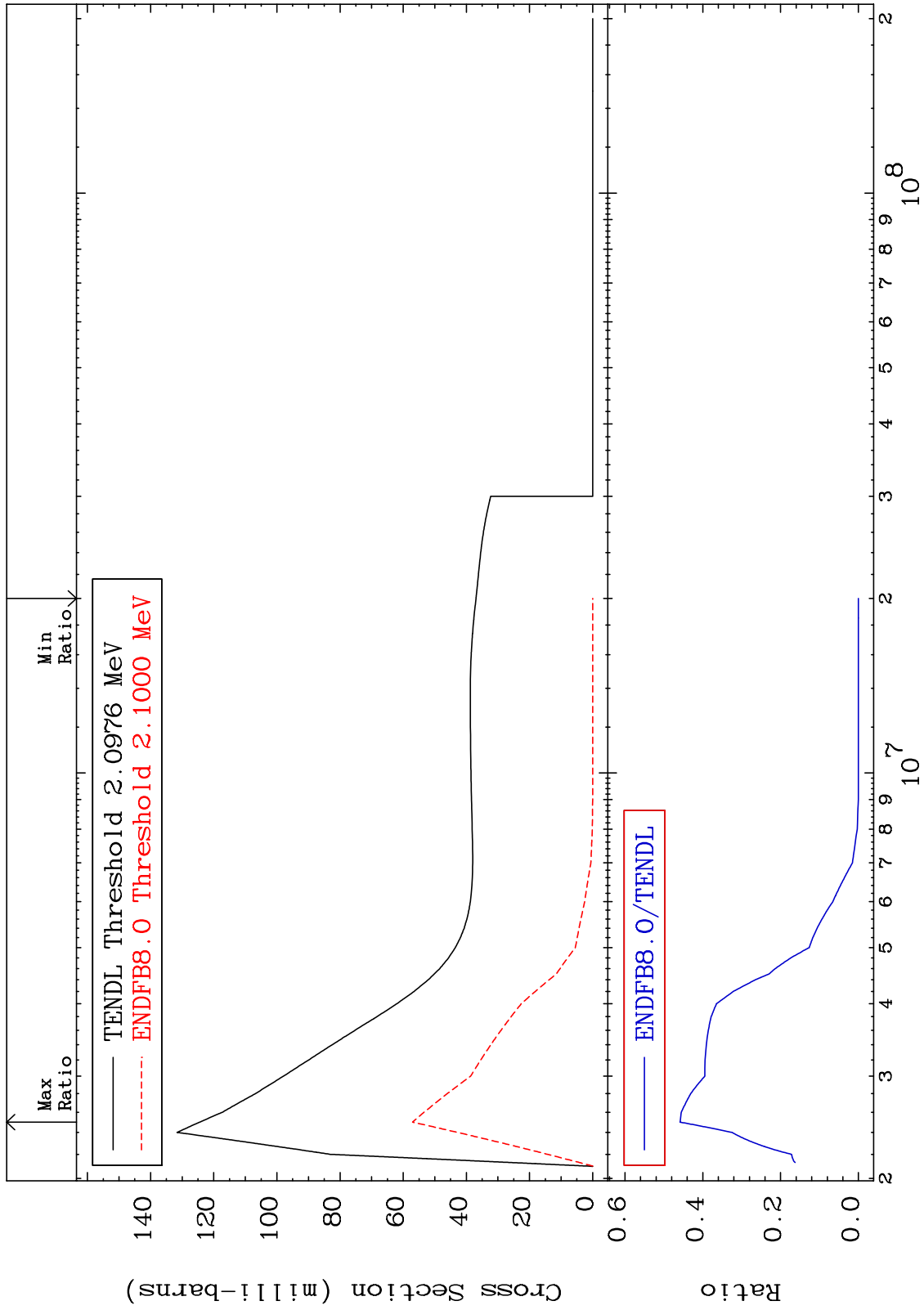
MAT 4837

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

48-Cd-110
-100.0 To 44.38 %



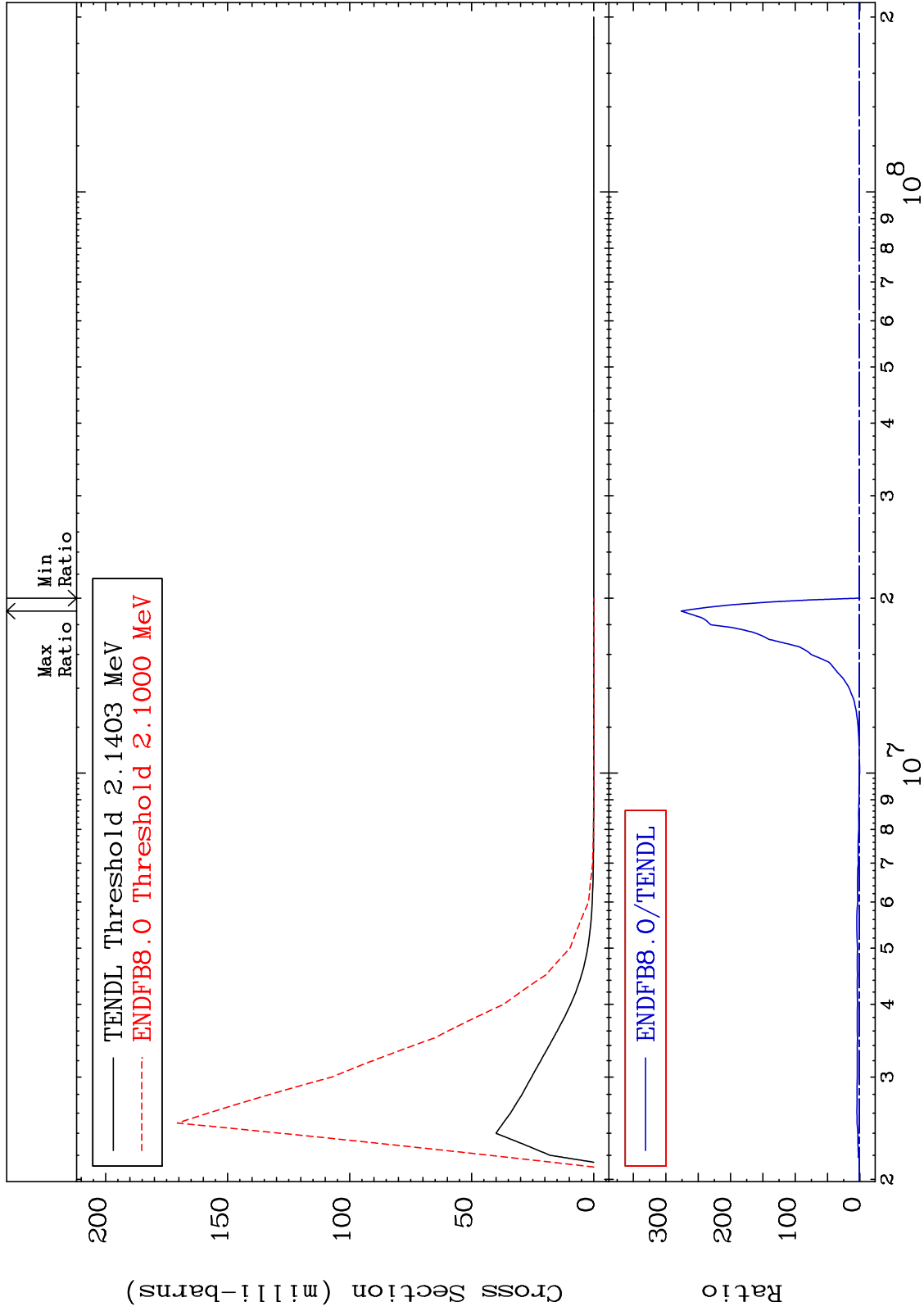
MAT 4837 MT= 58 (n,n') Level Cross Section 48-Cd-110
 -100.0 To -54.15%



MAT 4837

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

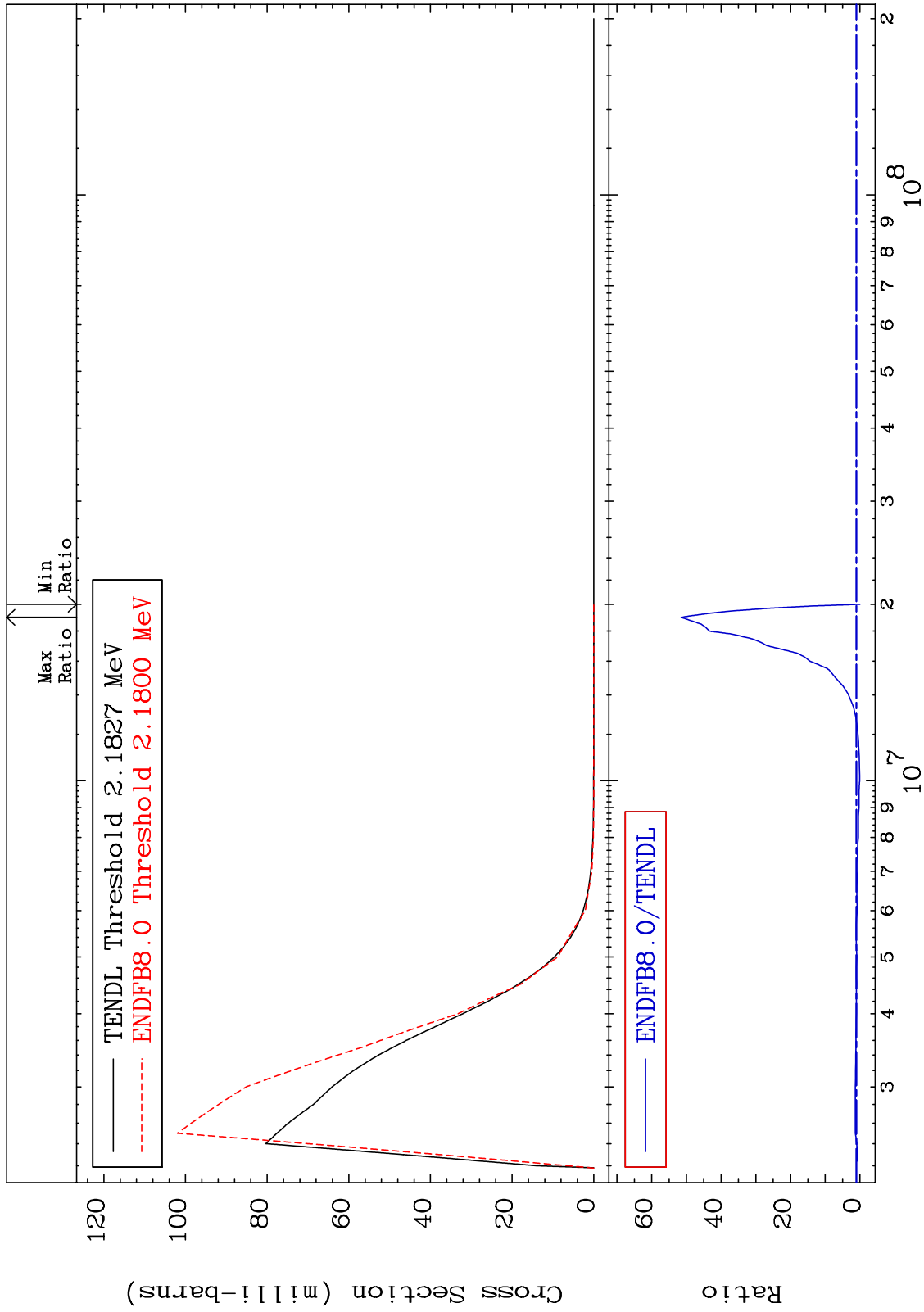
48-Cd-110
-100.0 To 9999. %



MAT 4837

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

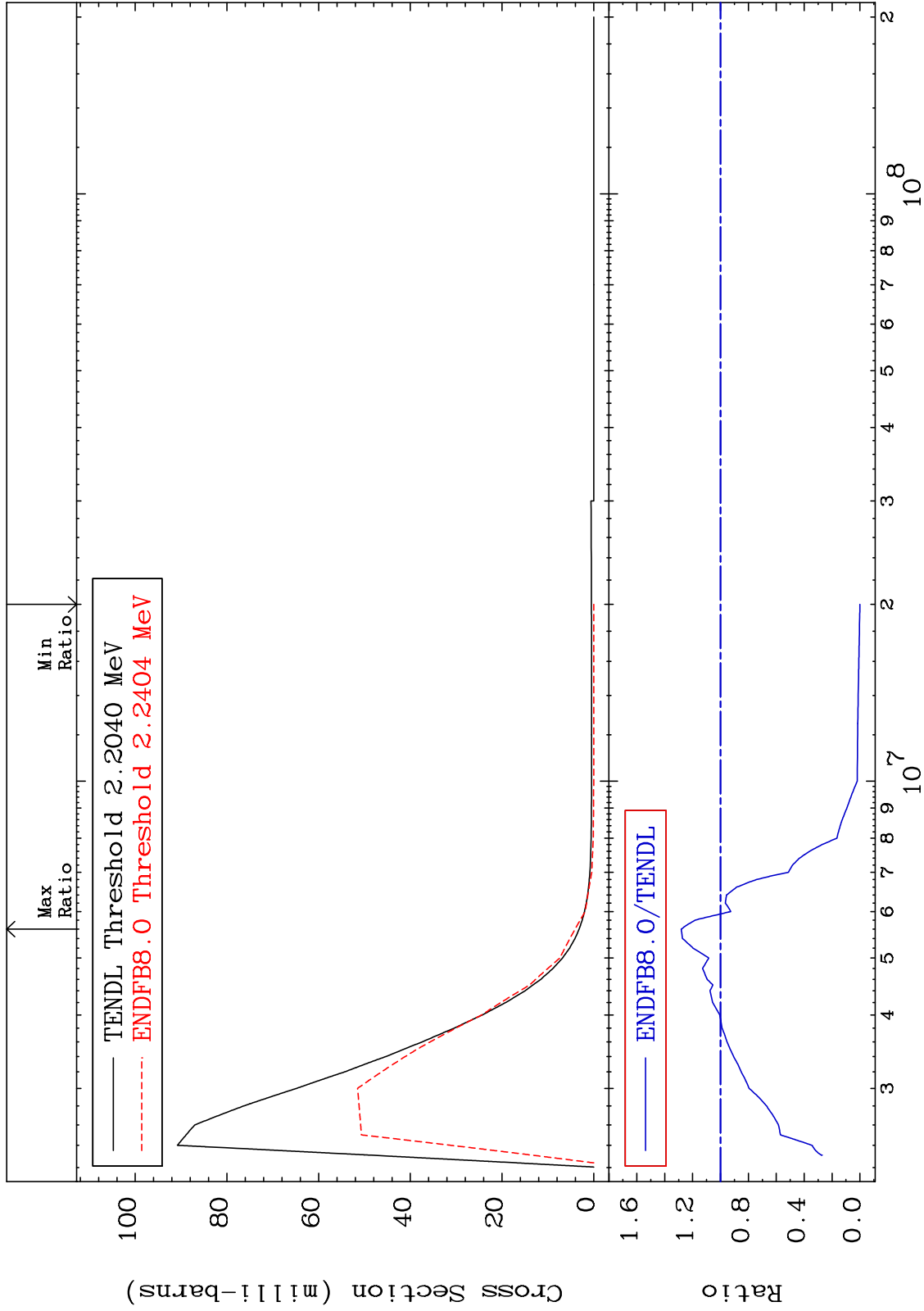
48-Cd-110
-100.0 To 5050. %



MAT 4837

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

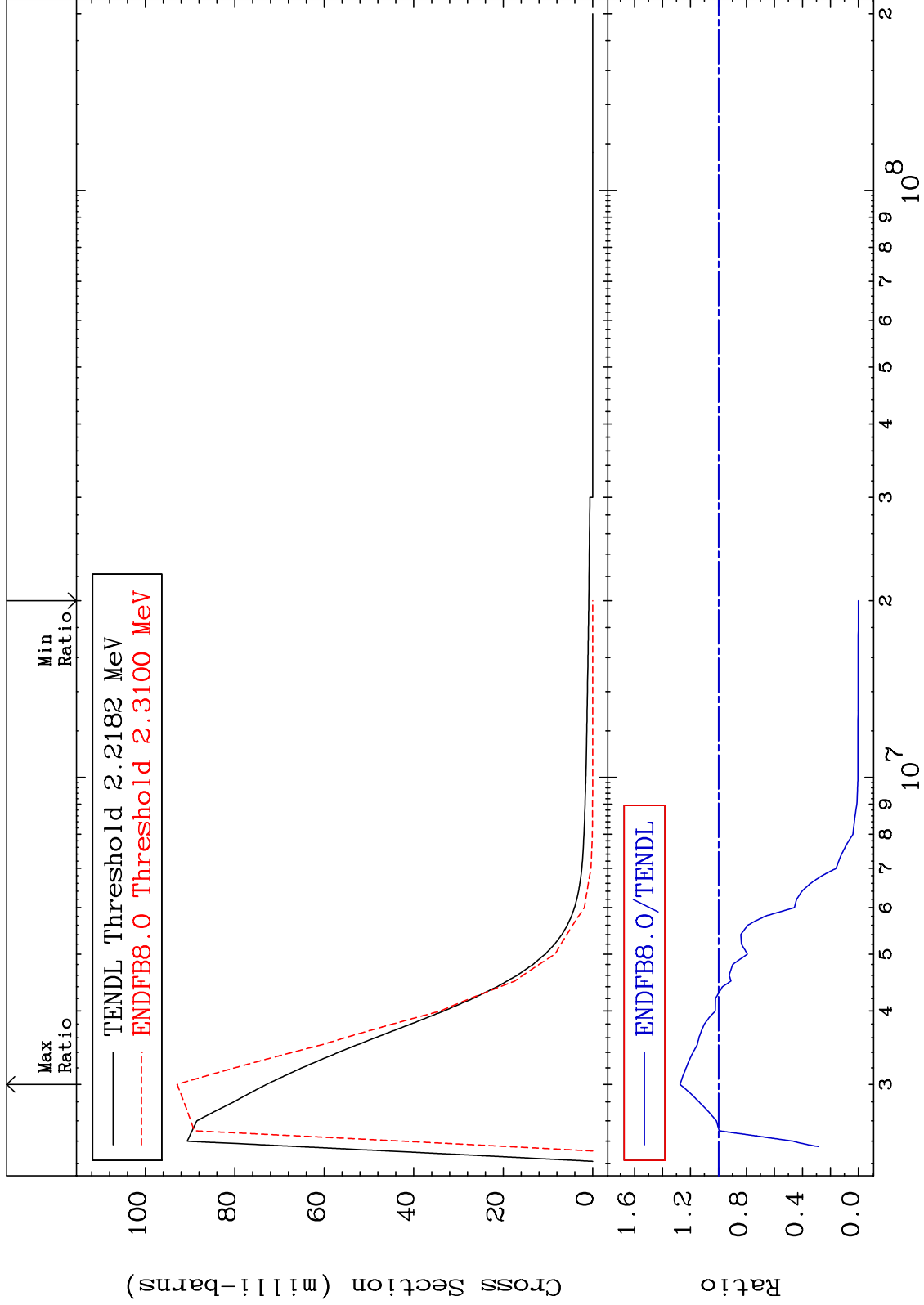
48-Cd-110
-100.0 To 28.17 %



MAT 4837

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

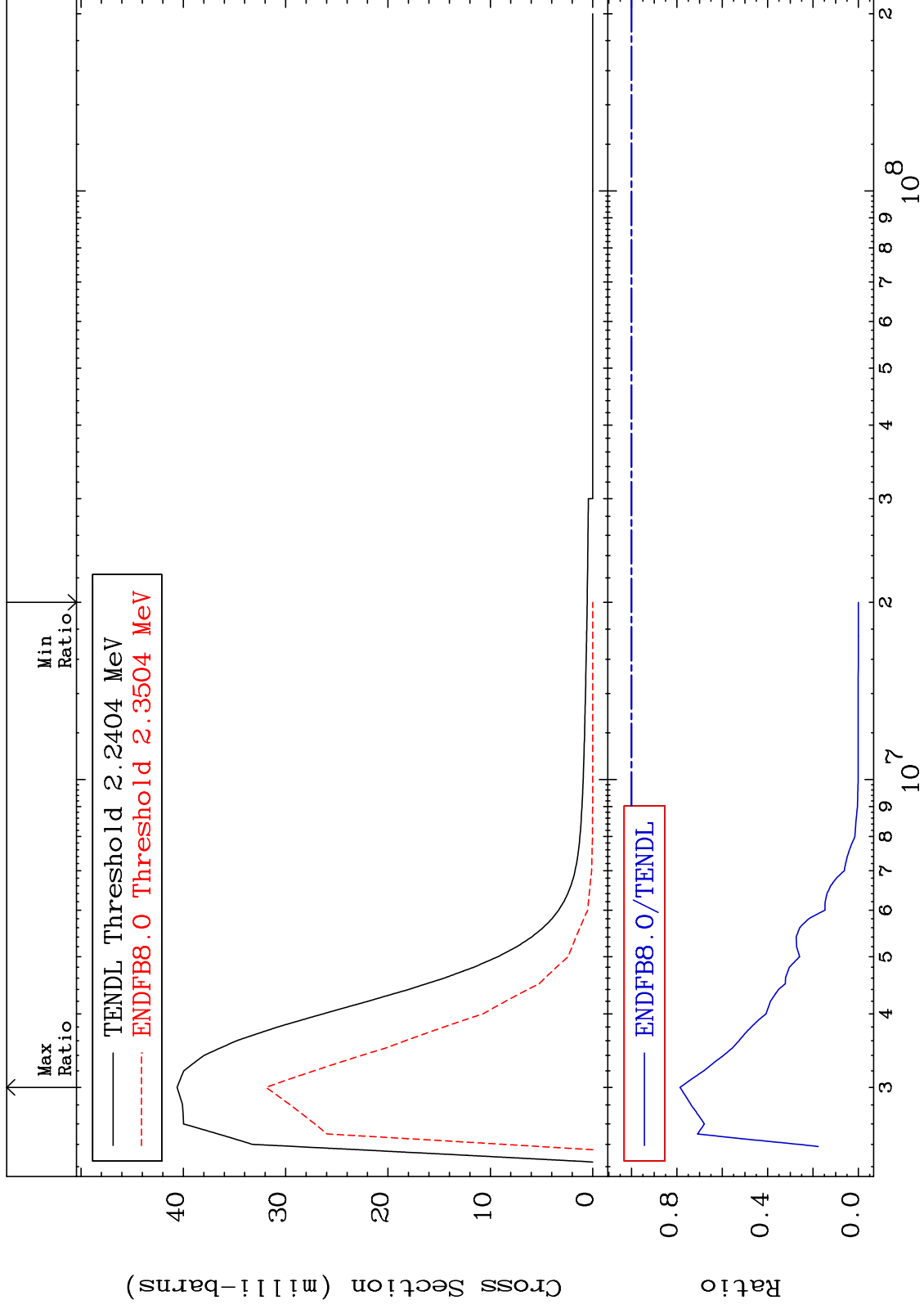
48-Cd-110
-100.0 To 27.47 %



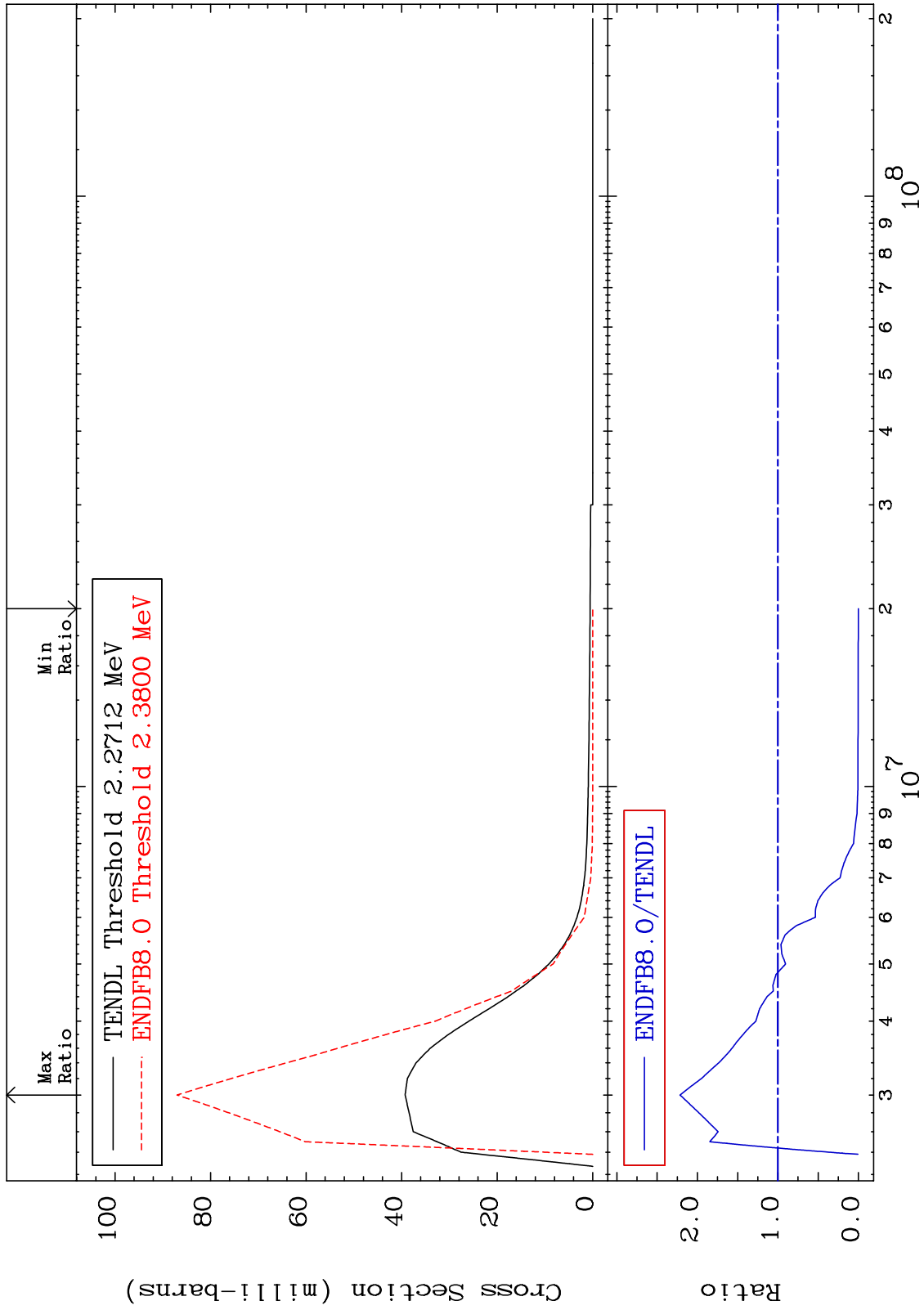
MAT 4837

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

48-Cd-110
-100.0 To -21.38%



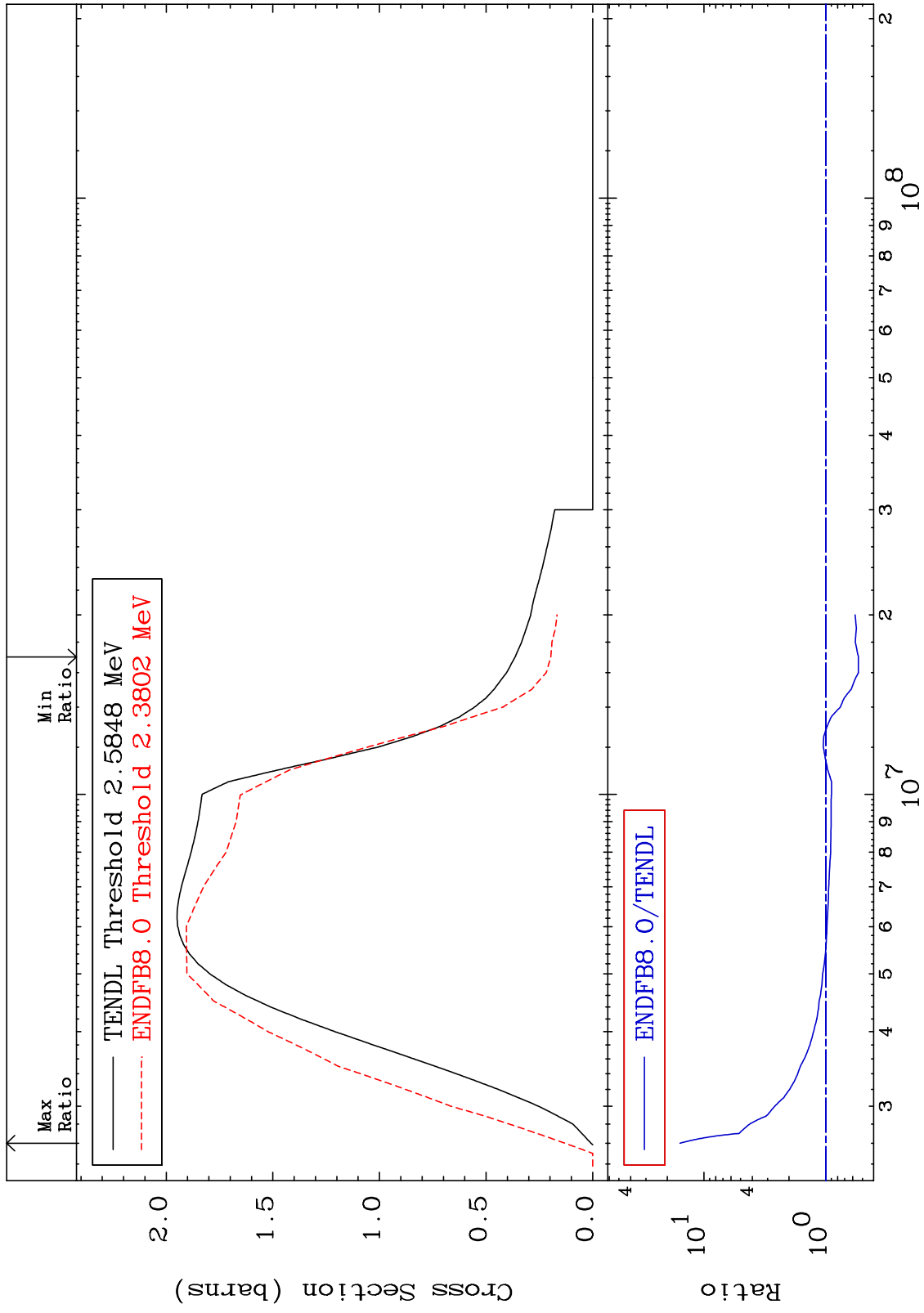
MAT 4837 MT= 64 (n,n') Level
 Cross Section 48-Cd-110
 -100.0 To 121.6 %



MAT 4837

(n, n') Continuum
Cross Section

48-Cd-110
-46.05 To 1473. %



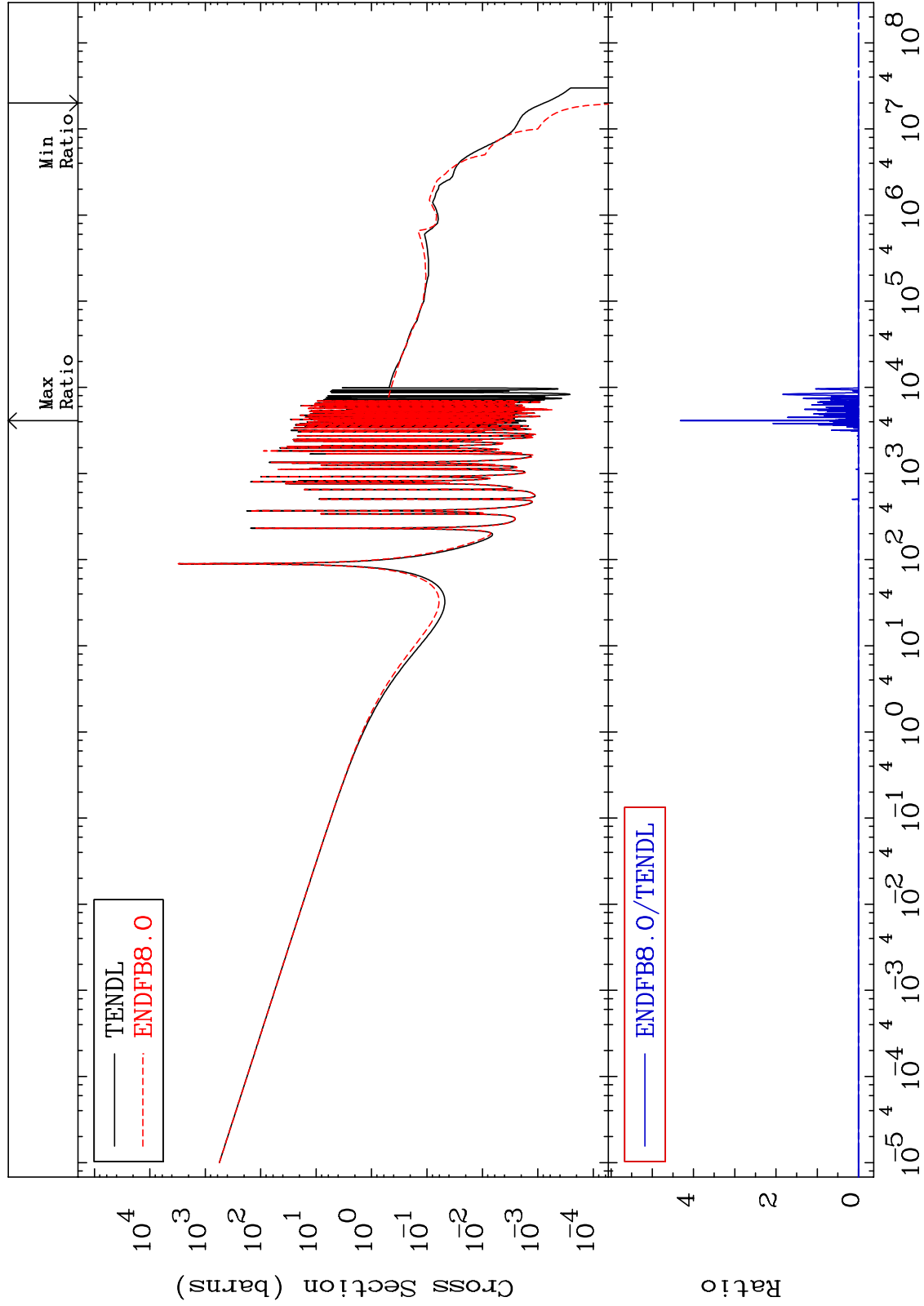
MAT 4837

(n, γ)

48-Cd-110

Cross Section

-100.0 To 9999. %



25

Incident Energy (eV)

48-Cd-110

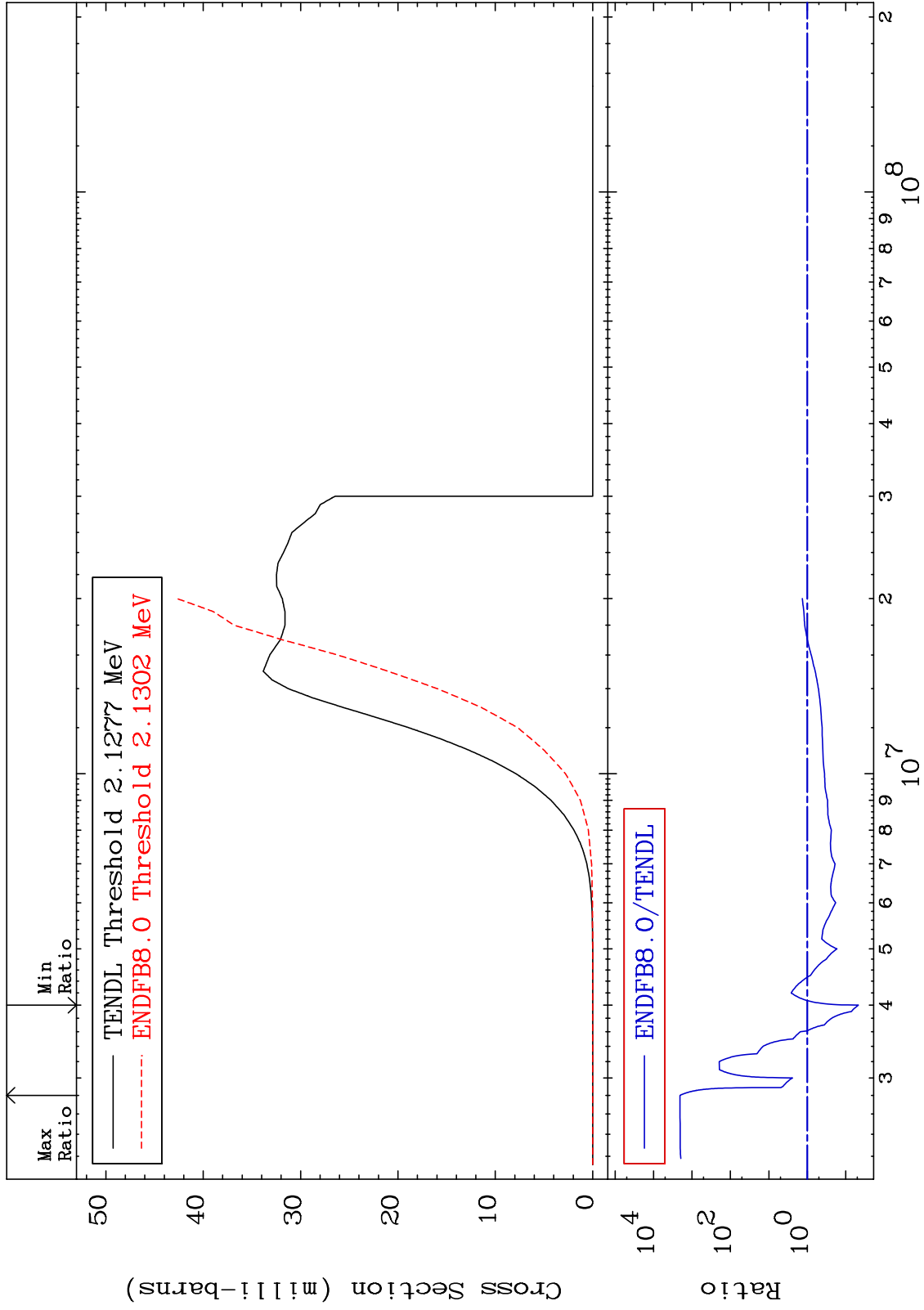
MAT 4837

(n,p)

48-Cd-110

Cross Section

-95.35 To 9999. %



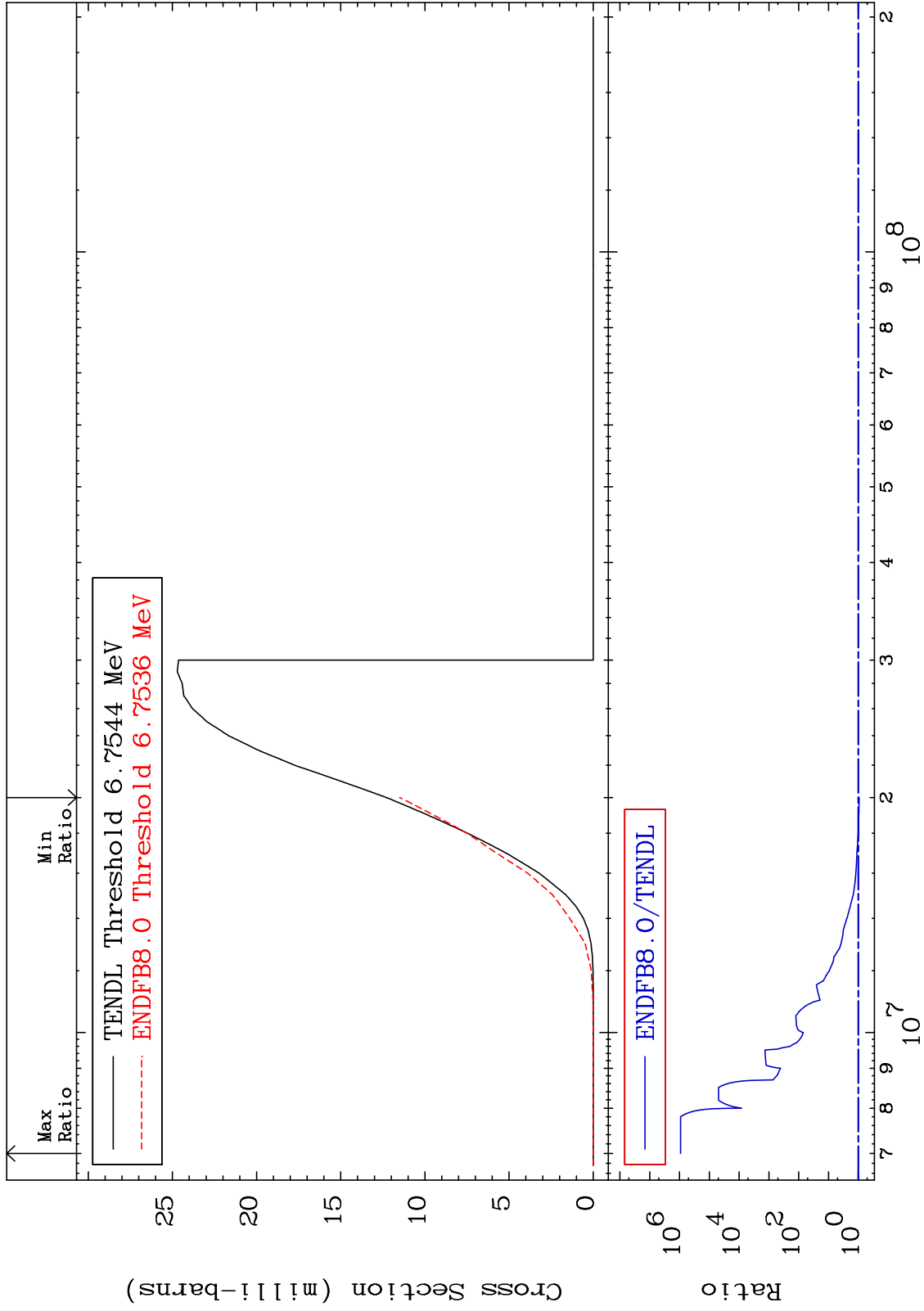
MAT 4837

(n,d)

48-Cd-110

Cross Section

-6.412 To 9999. %



27

Incident Energy (eV)

48-Cd-110

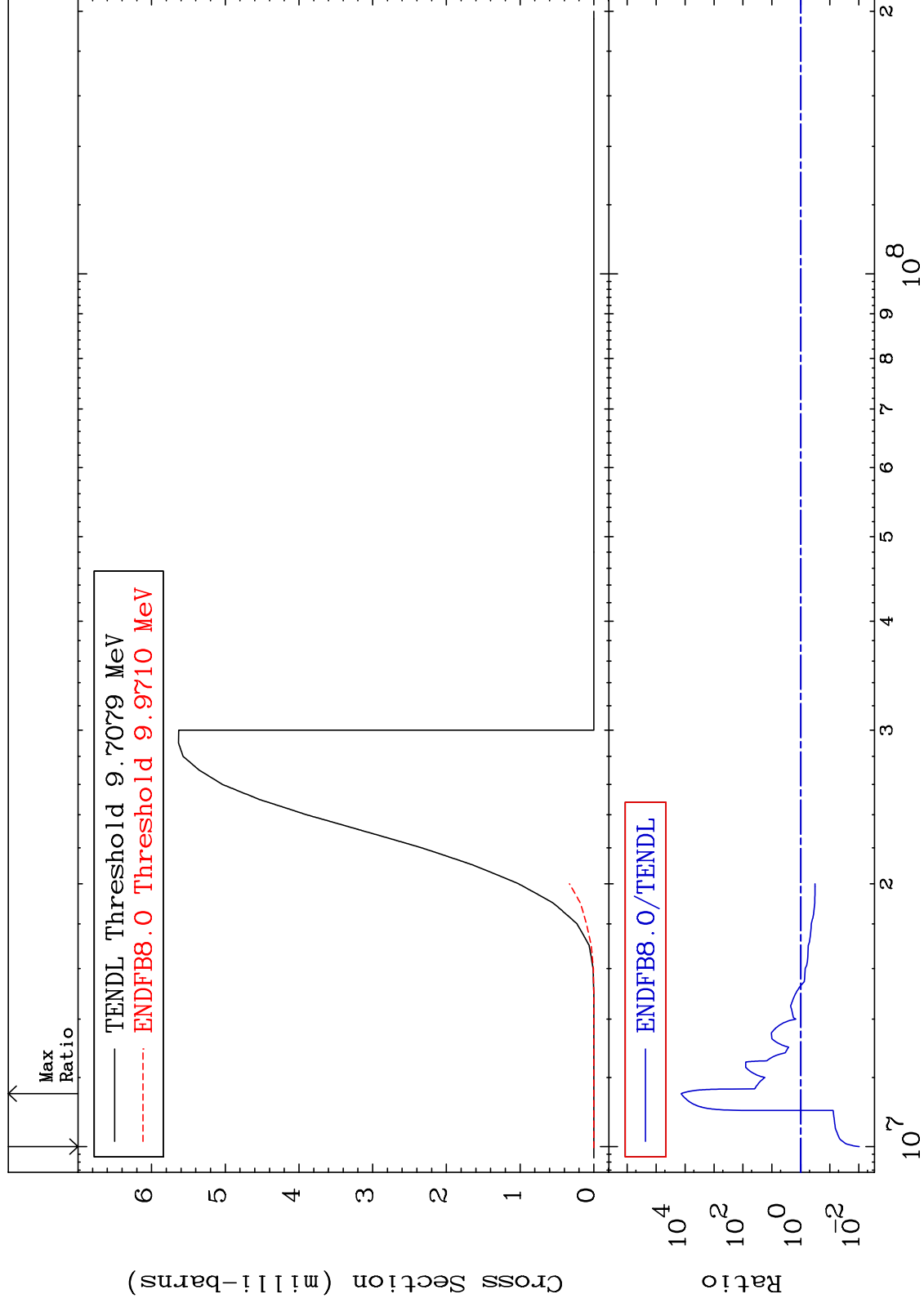
MAT 4837

(n, t)

48-Cd-110

Cross Section

-99.04 To 9999. %



48-Cd-110

28

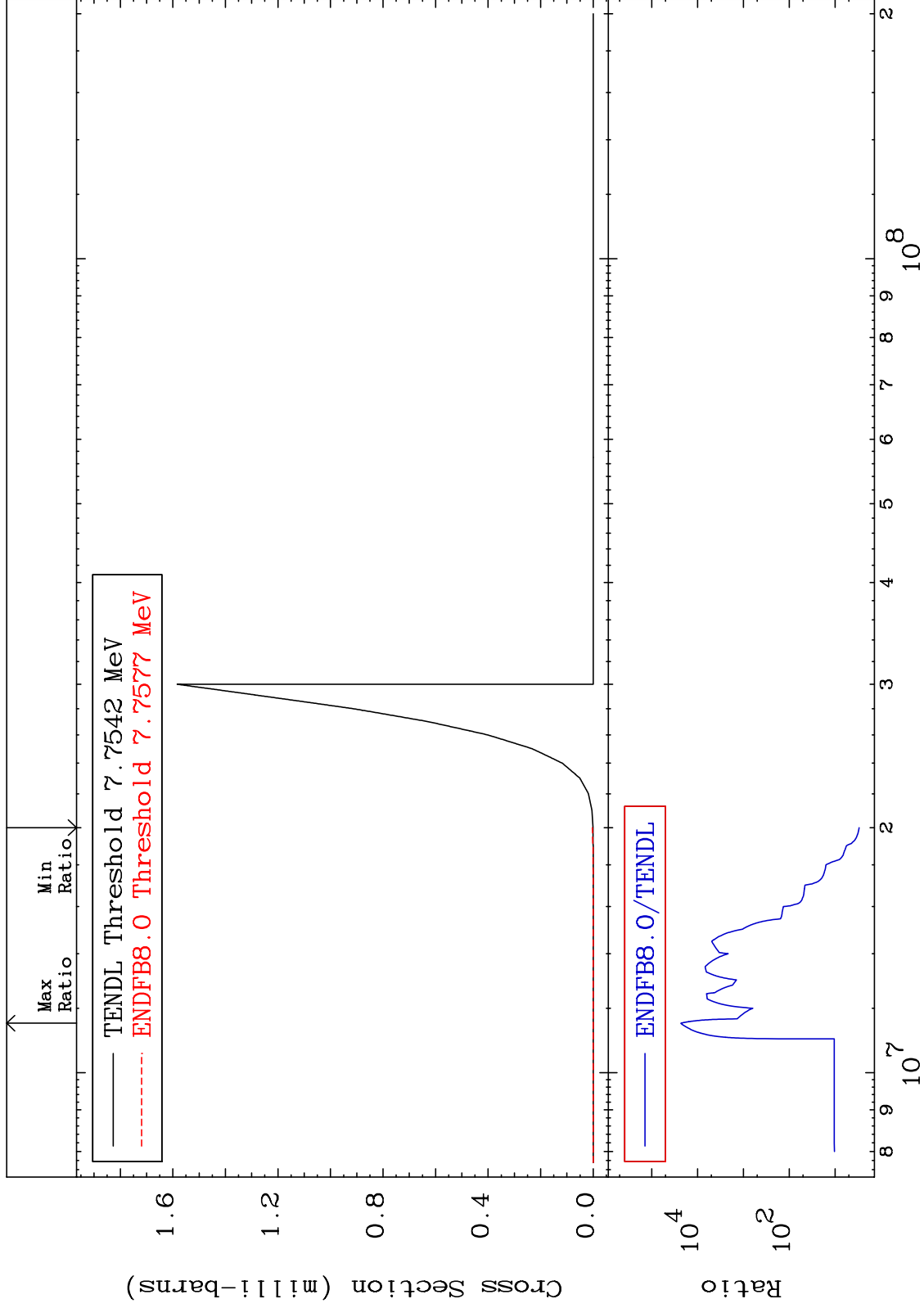
MAT 4837

(n, He-3)

48-Cd-110

Cross Section

197.2 To 9999. %



29

Incident Energy (eV)

48-Cd-110

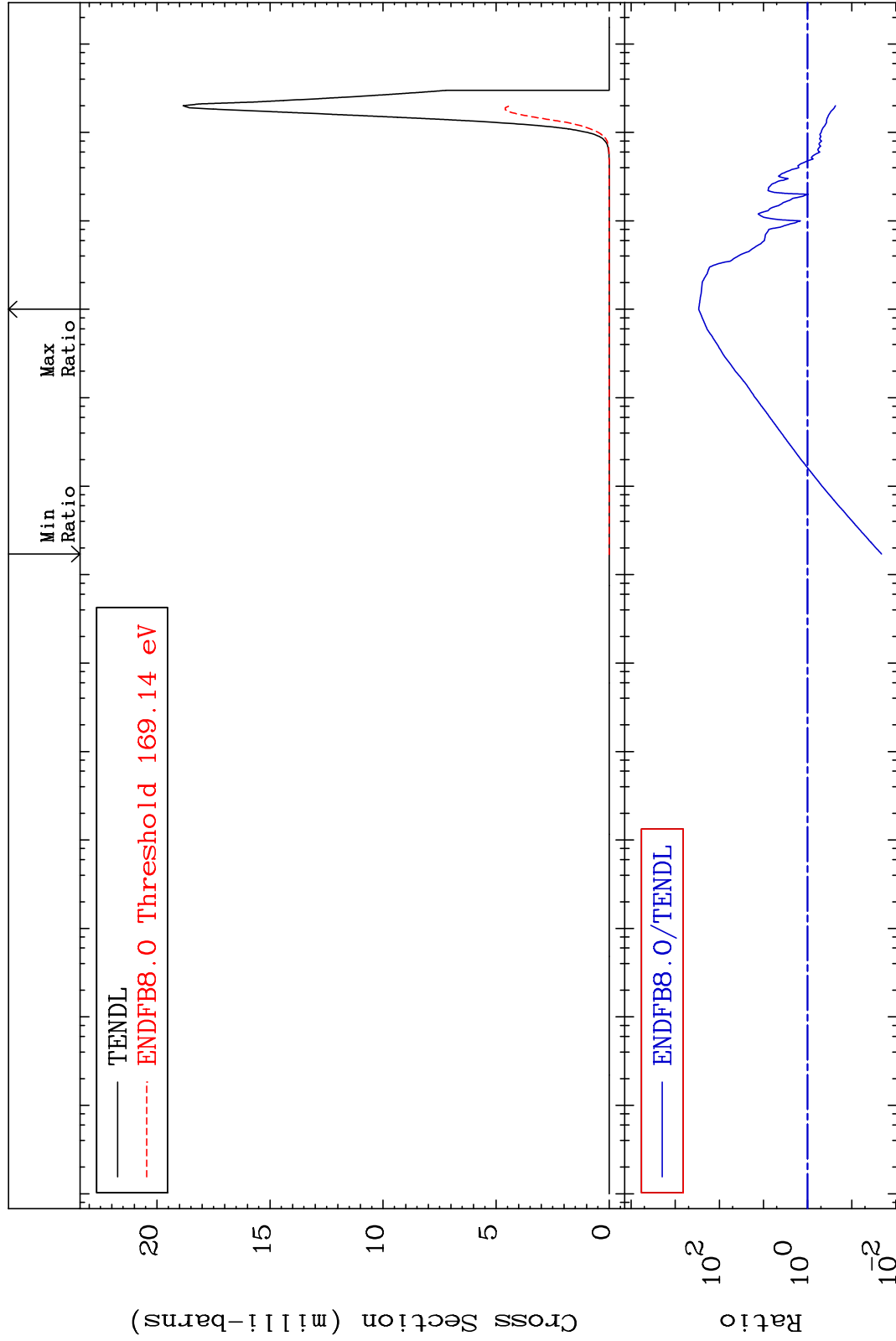
MAT 4837

(n, α)

48-Cd-110

Cross Section

-97.90 To 9999. %

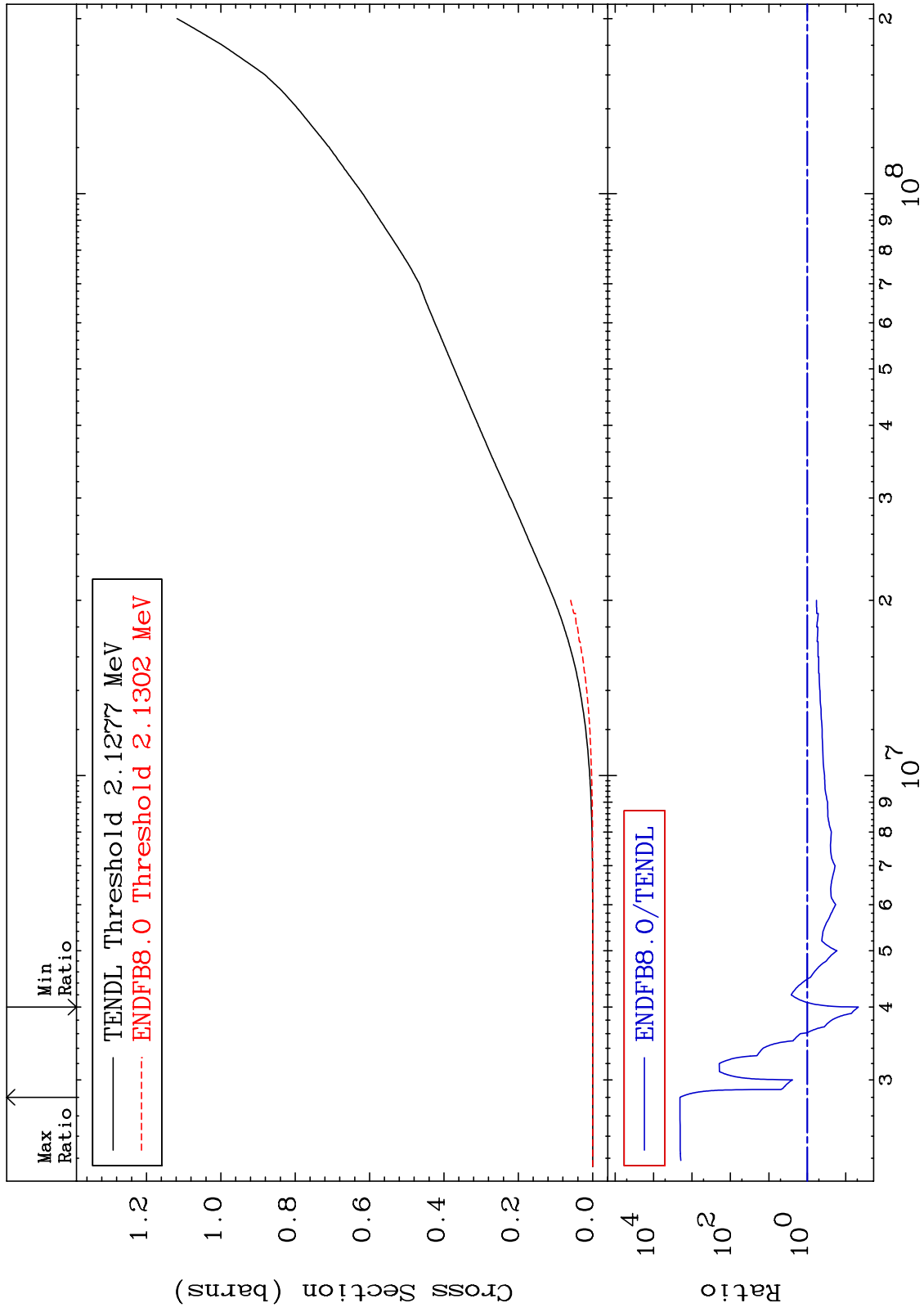


48-Cd-110

MAT 4837

Hydrogen Production
Cross Section

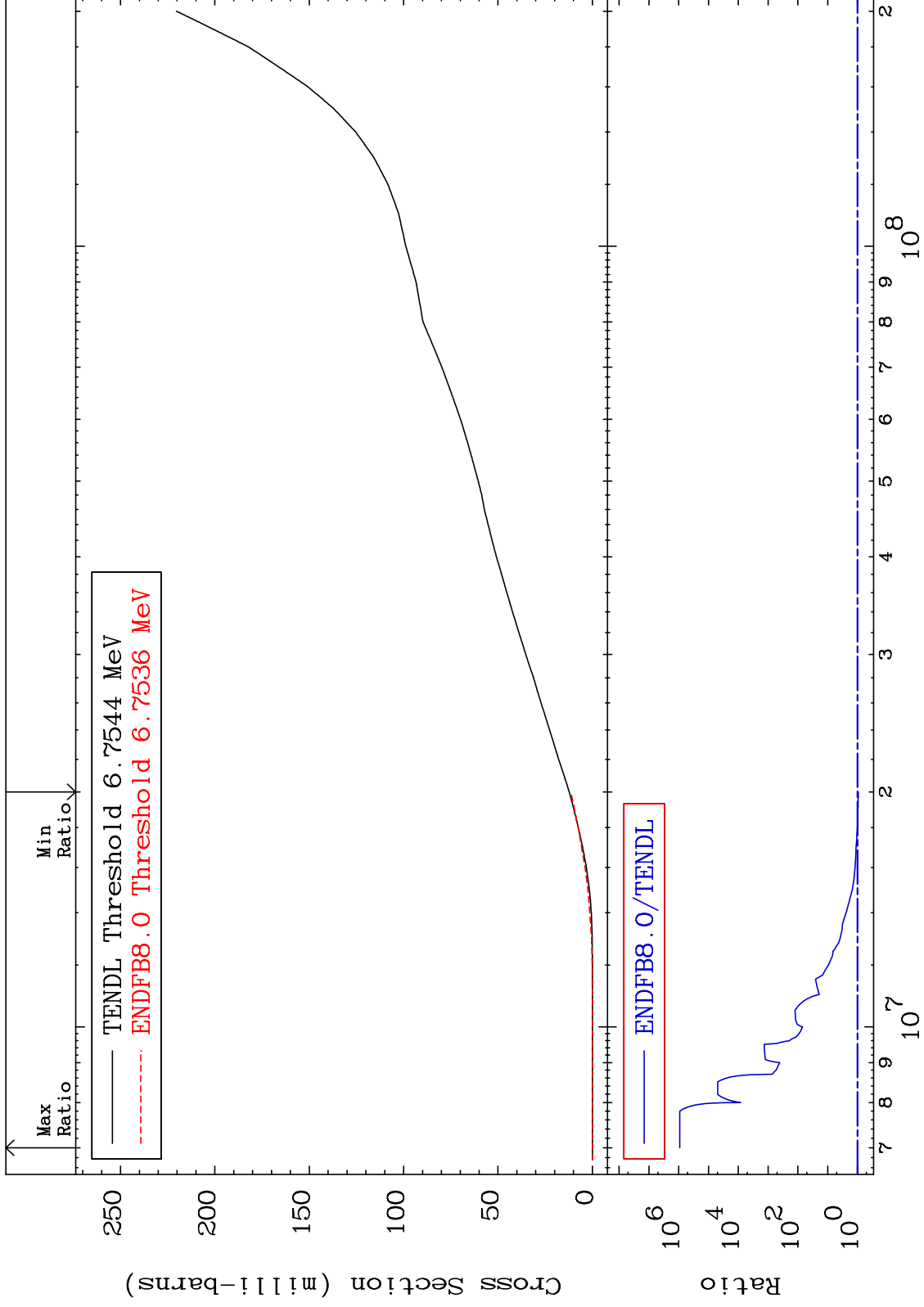
48-Cd-110
-95.35 To 9999. %



MAT 4837

Deuterium Production
Cross Section

48-Cd-110
-6.417 To 9999. %



32

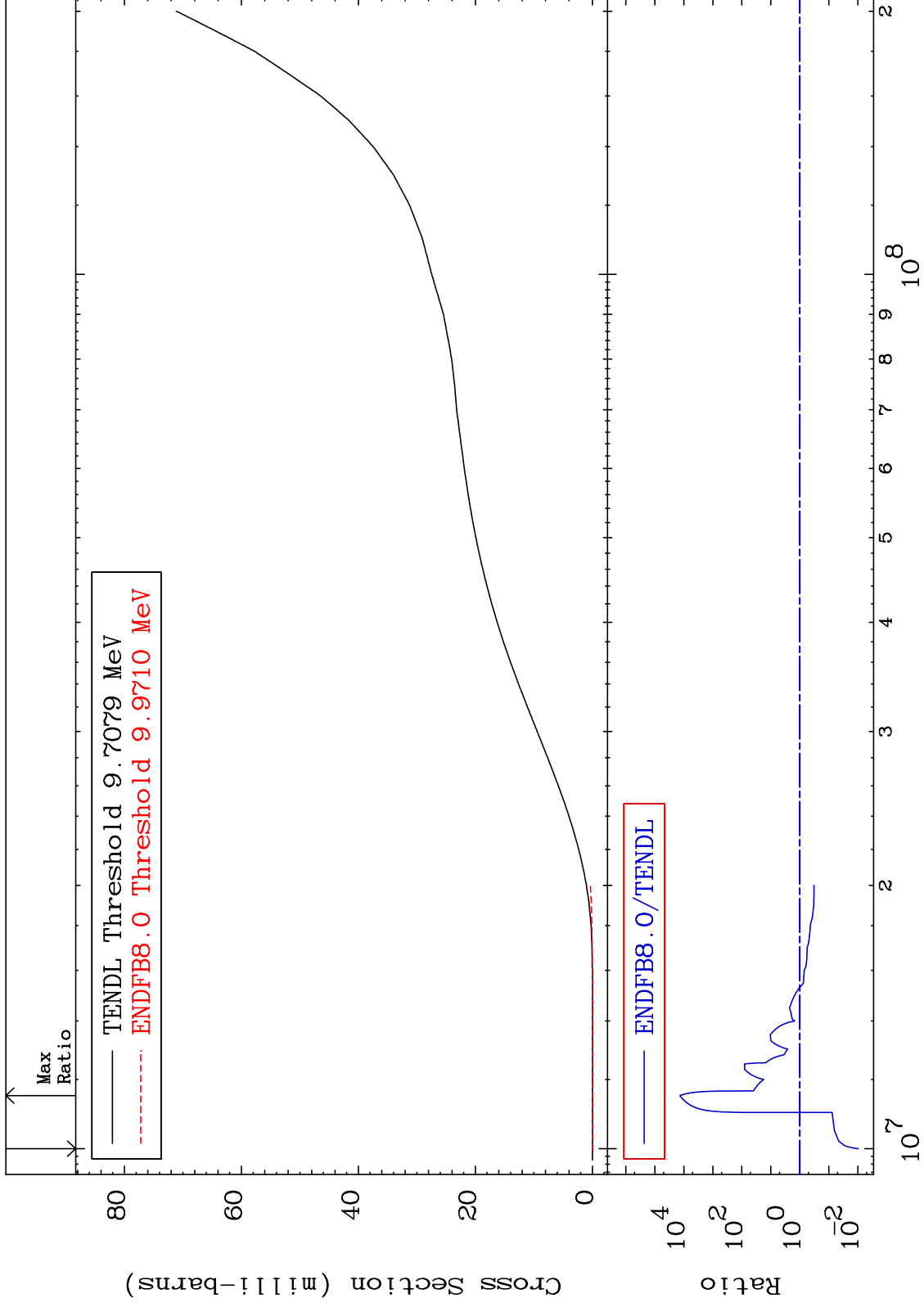
Incident Energy (eV)

48-Cd-110

MAT 4837

Tritium Production
Cross Section

48-Cd-110
-99.04 To 9999. %



33

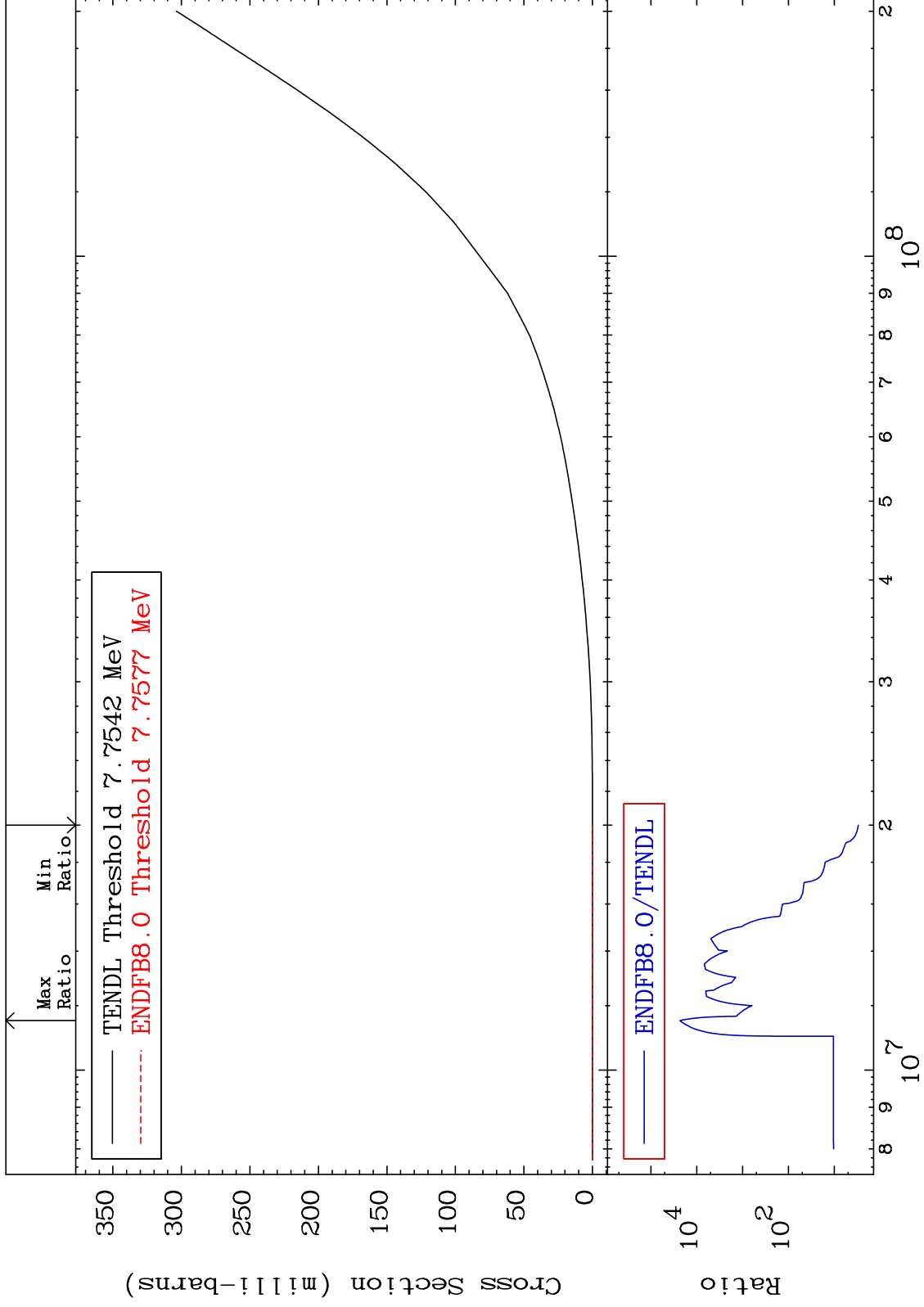
Incident Energy (eV)

48-Cd-110

MAT 4837

He-3 Production
Cross Section

48-Cd-110
197.2 To 9999. %



34

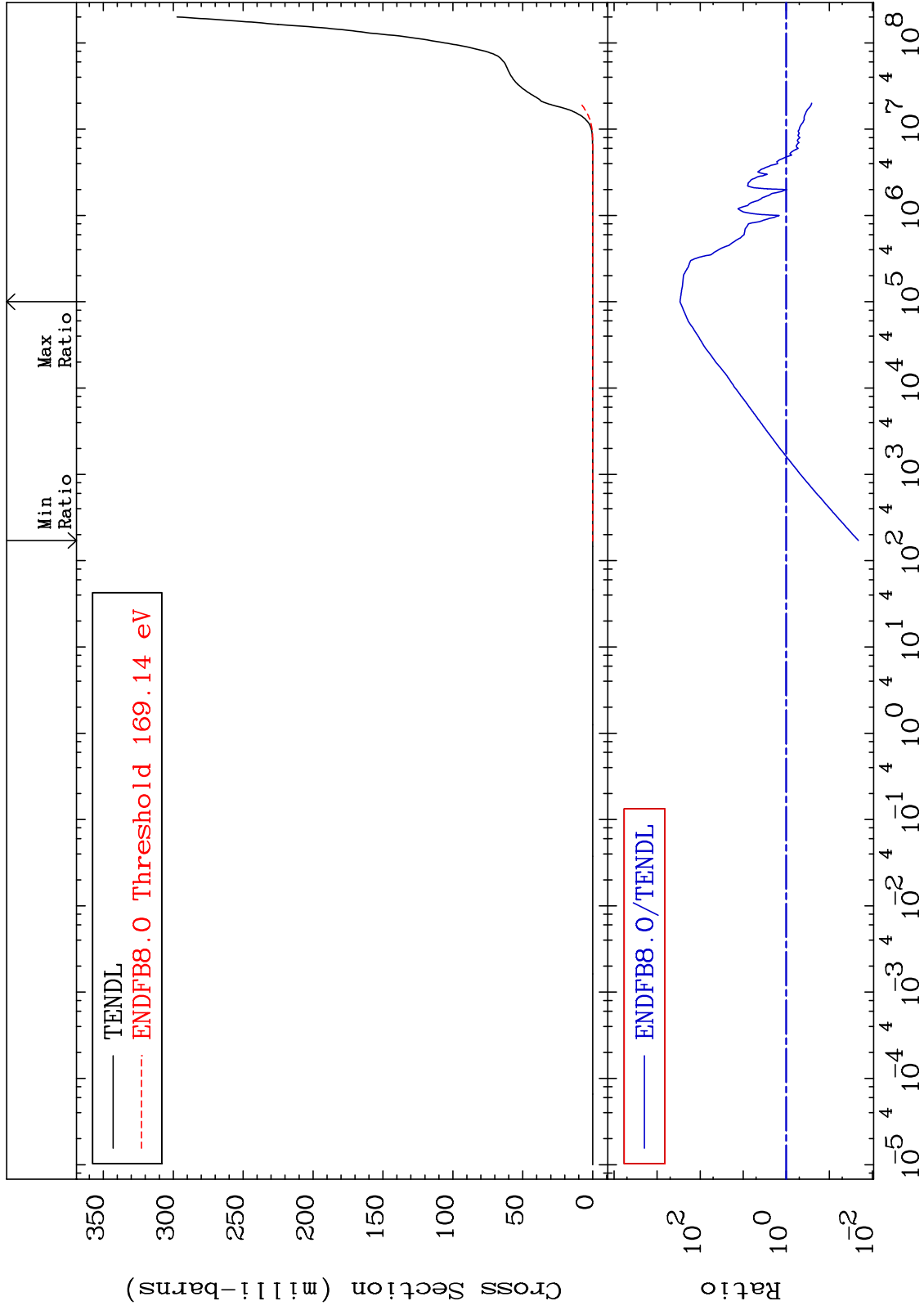
Incident Energy (eV)

48-Cd-110

MAT 4837

He-4 Production
Cross Section

48-Cd-110
-97.90 To 9999. %



35

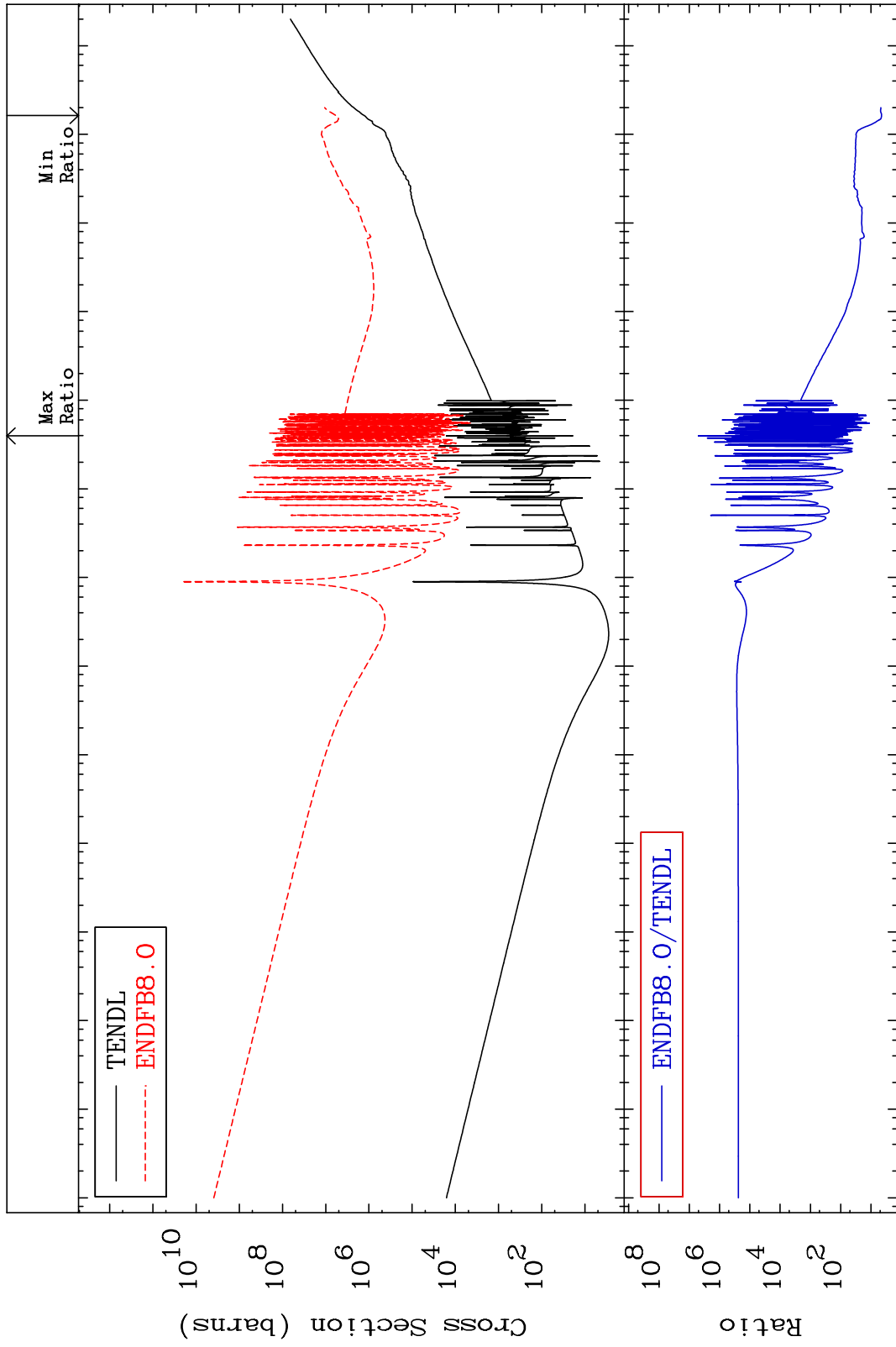
Incident Energy (eV)

48-Cd-110

MAT 4837

Kerma total (eV-barns)
Cross Section

48-Cd-110
347.4 To 9999. %



36

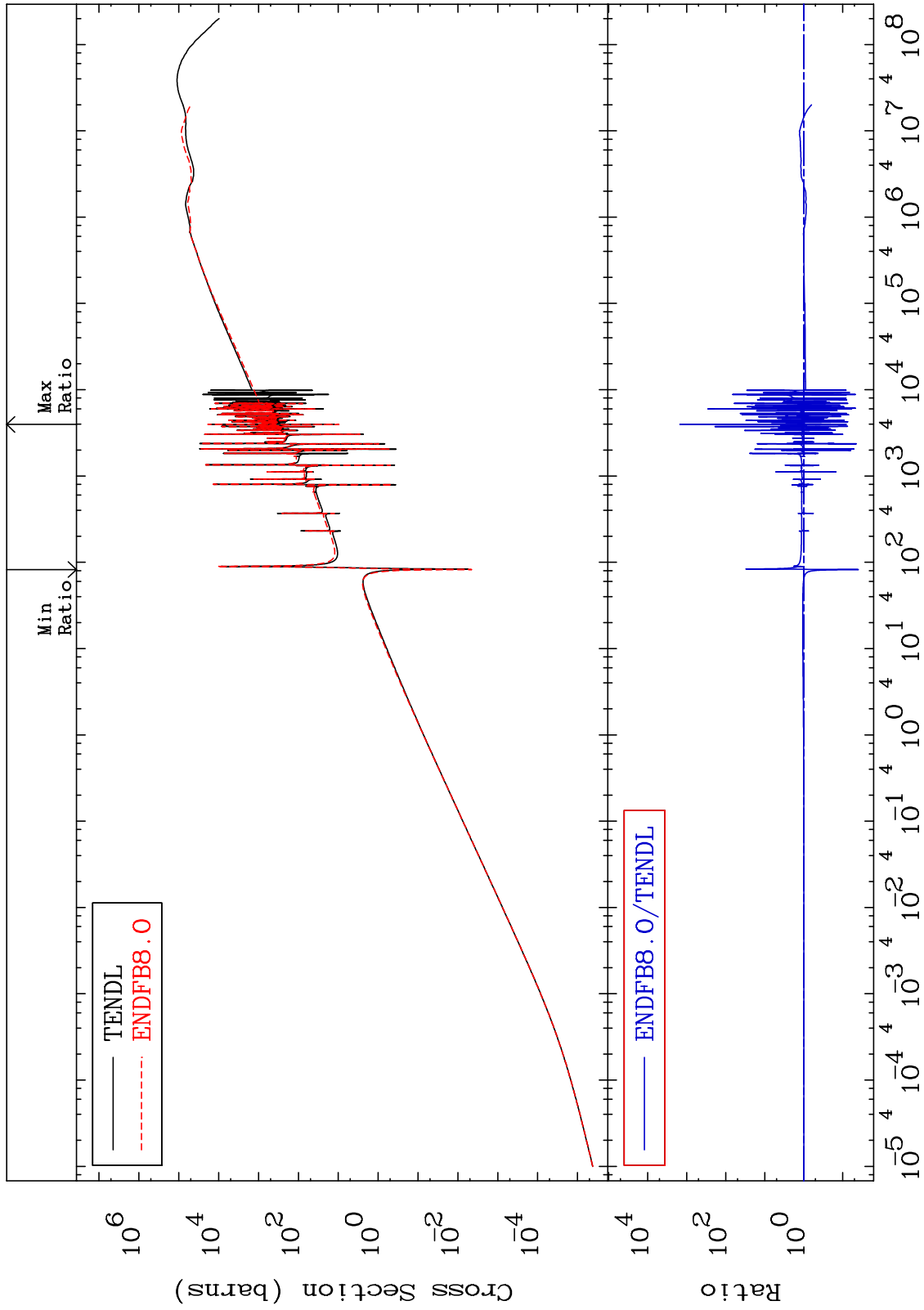
Incident Energy (eV)

48-Cd-110

MAT 4837

Kerma elastic
Cross Section

48-Cd-110
-96.03 To 9999. %



37

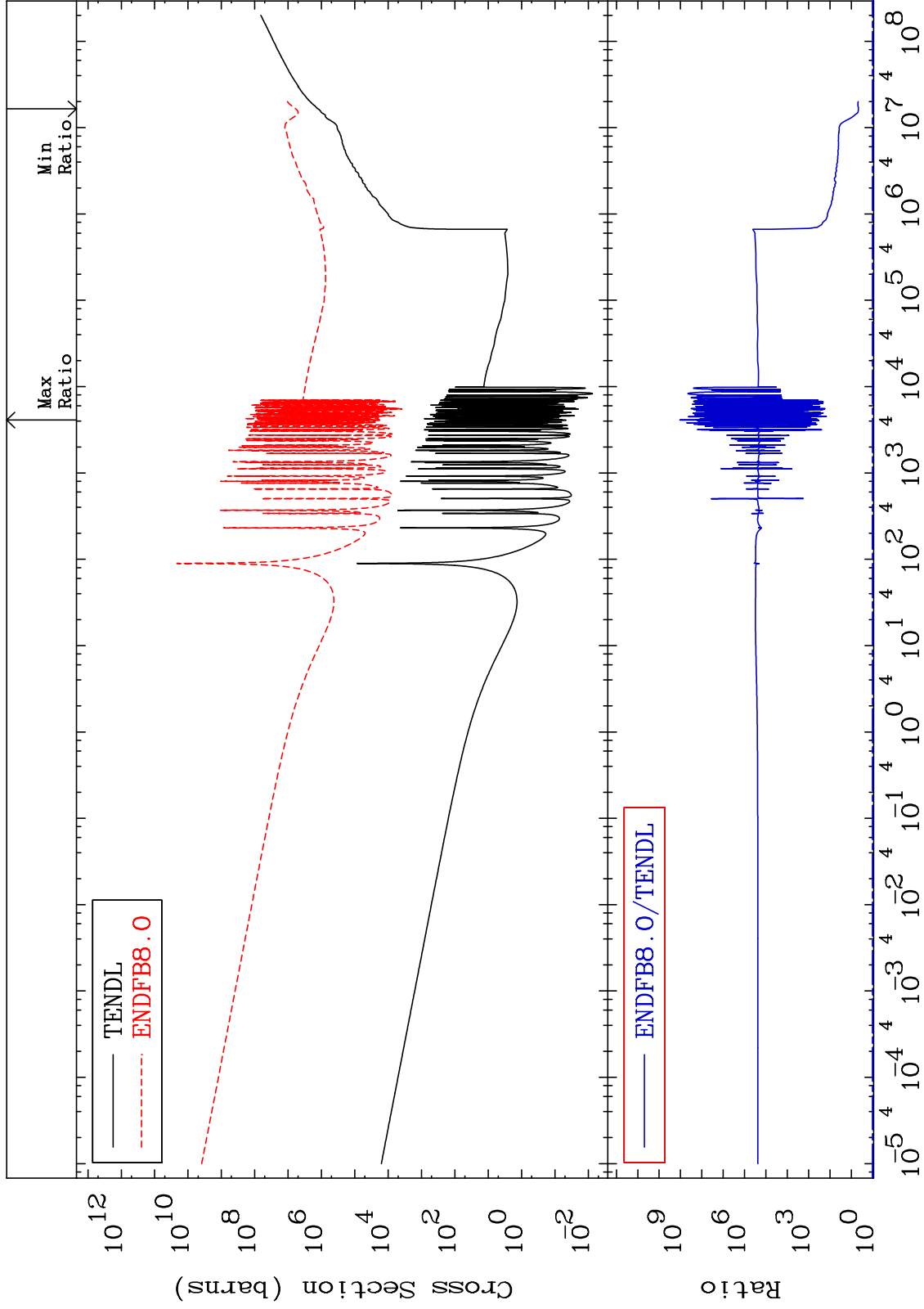
Incident Energy (eV)

48-Cd-110

MAT 4837

Kerma non-elastic (all but mt2)
Cross Section

48-Cd-110
367.6 To 9999. %



38

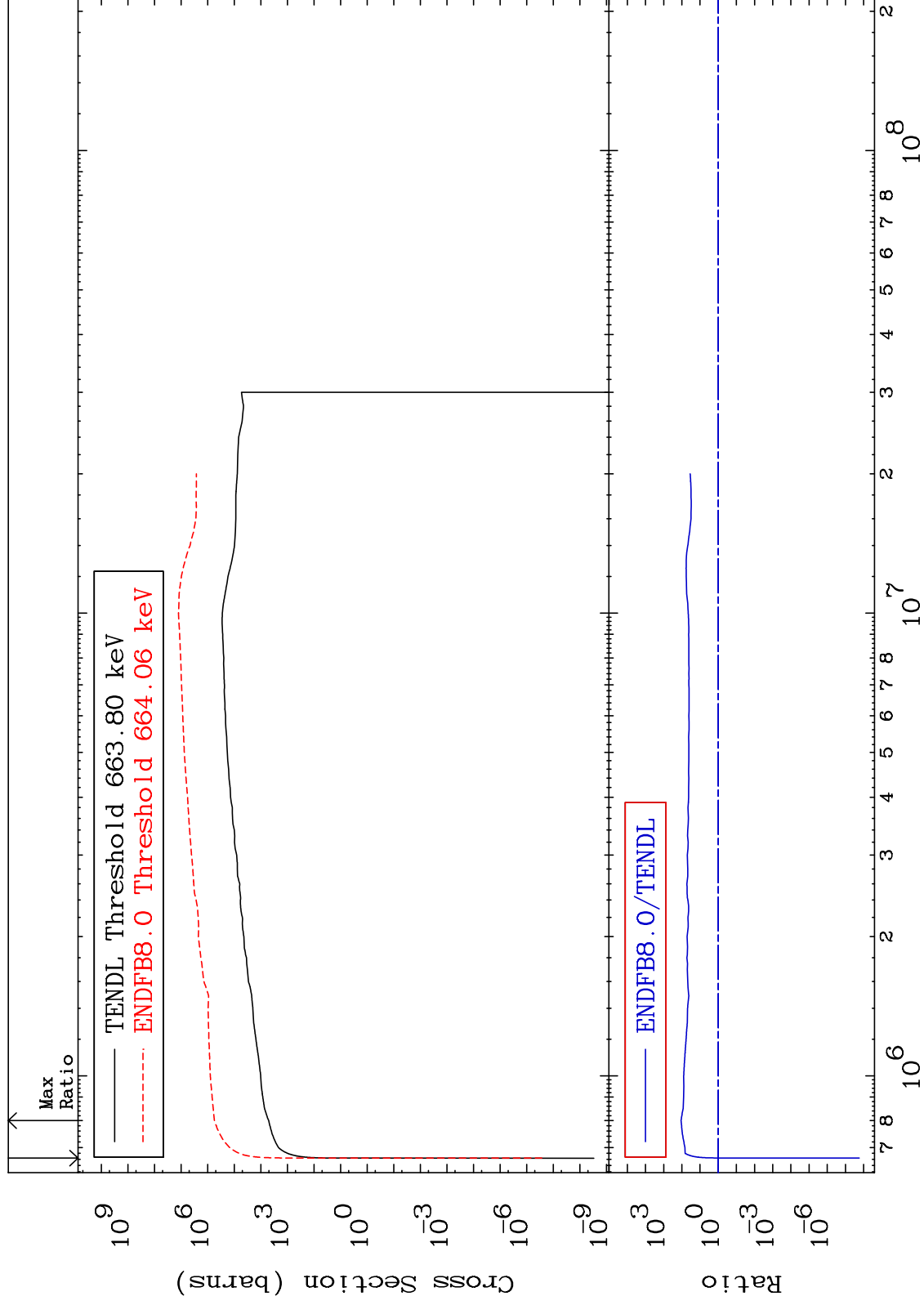
Incident Energy (eV)

48-Cd-110

MAT 4837

Kerma inelastic (mt51-91)
Cross Section

48-Cd-110
-100.0 To 9999. %



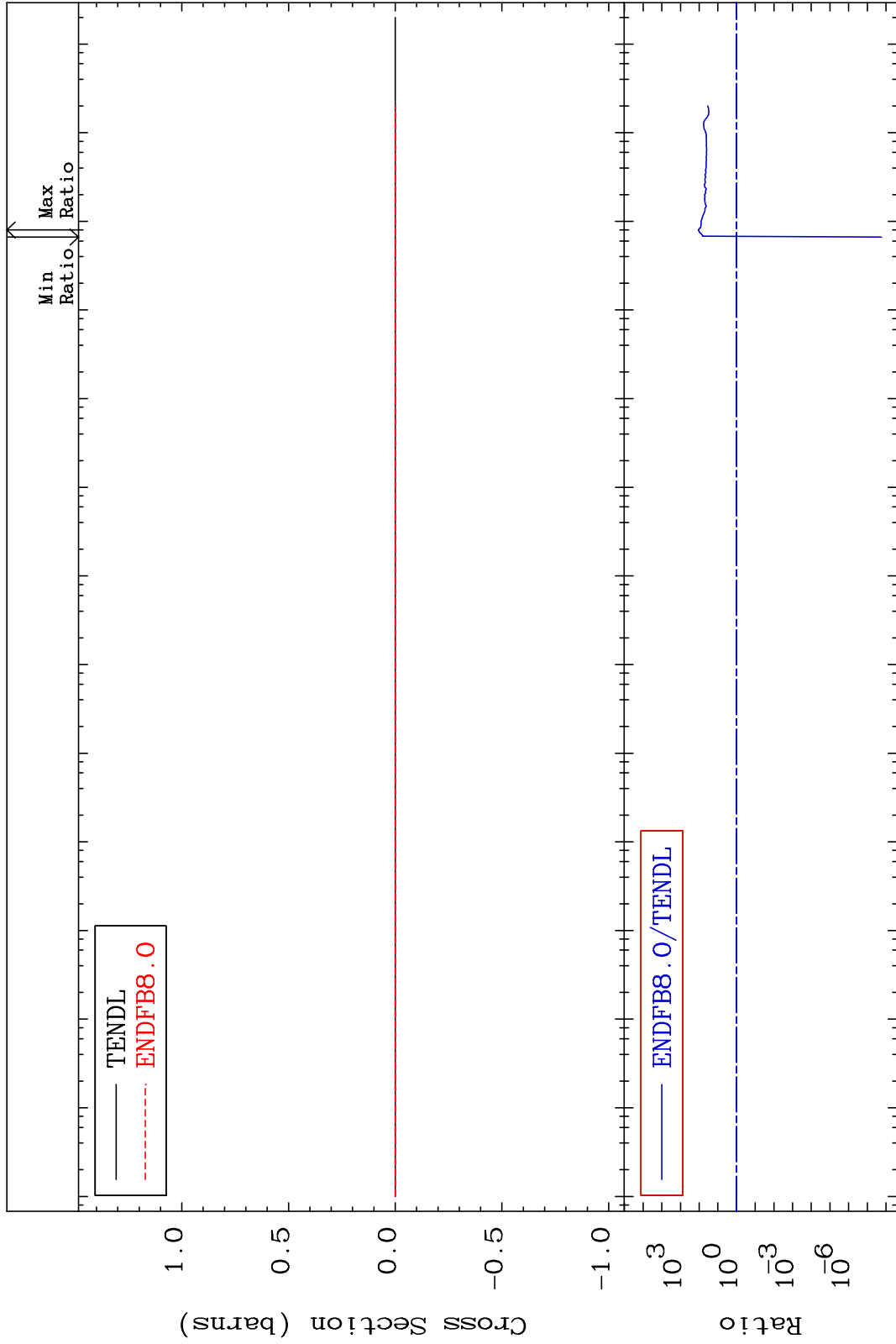
39

48-Cd-110

MAT 4837

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

48-Cd-110
-100.0 To 9999. %



40

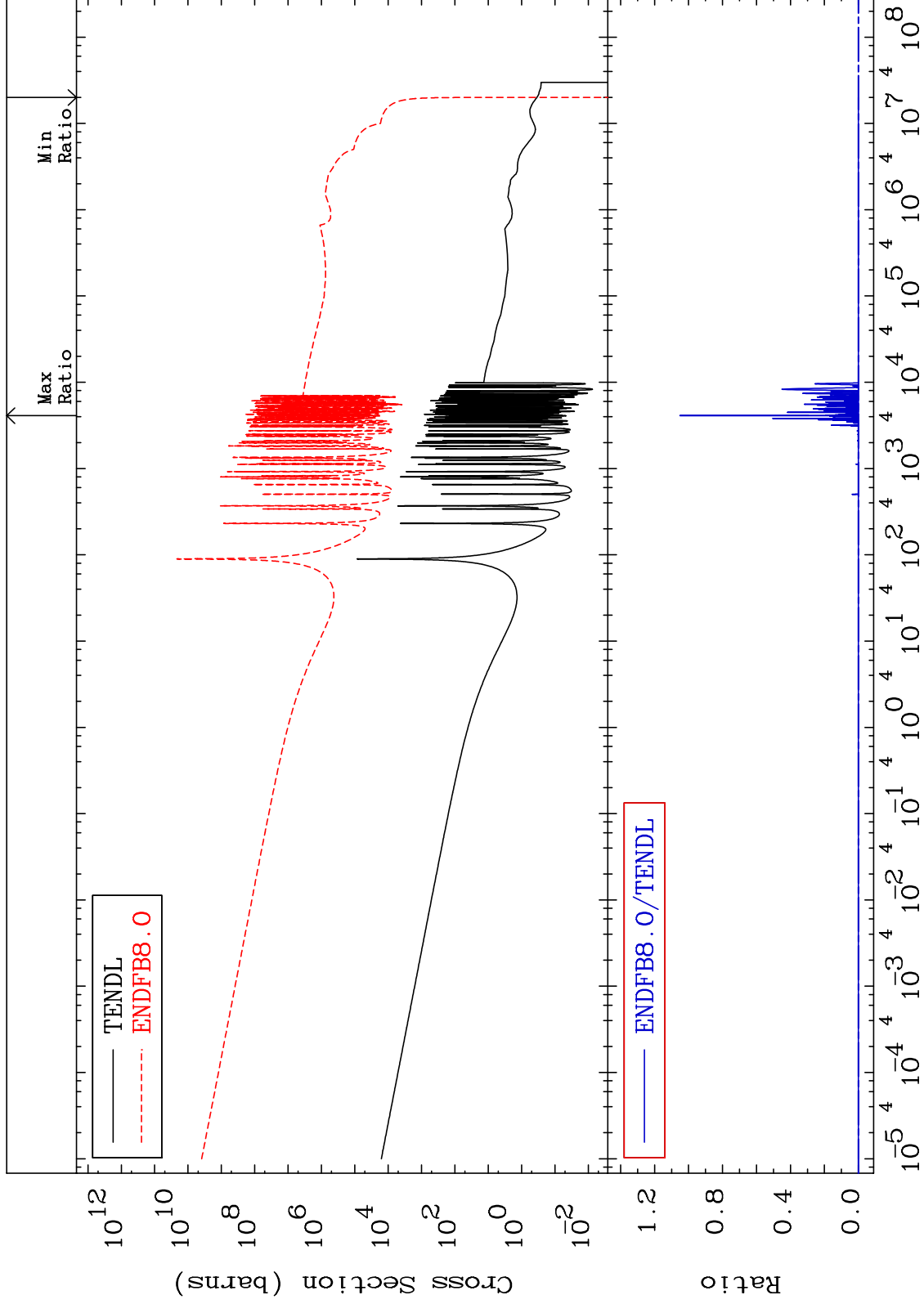
Incident Energy (eV)

48-Cd-110

MAT 4837

Kerma capture (mt102)
Cross Section

48-Cd-110
-100.0 To 9999. %



41

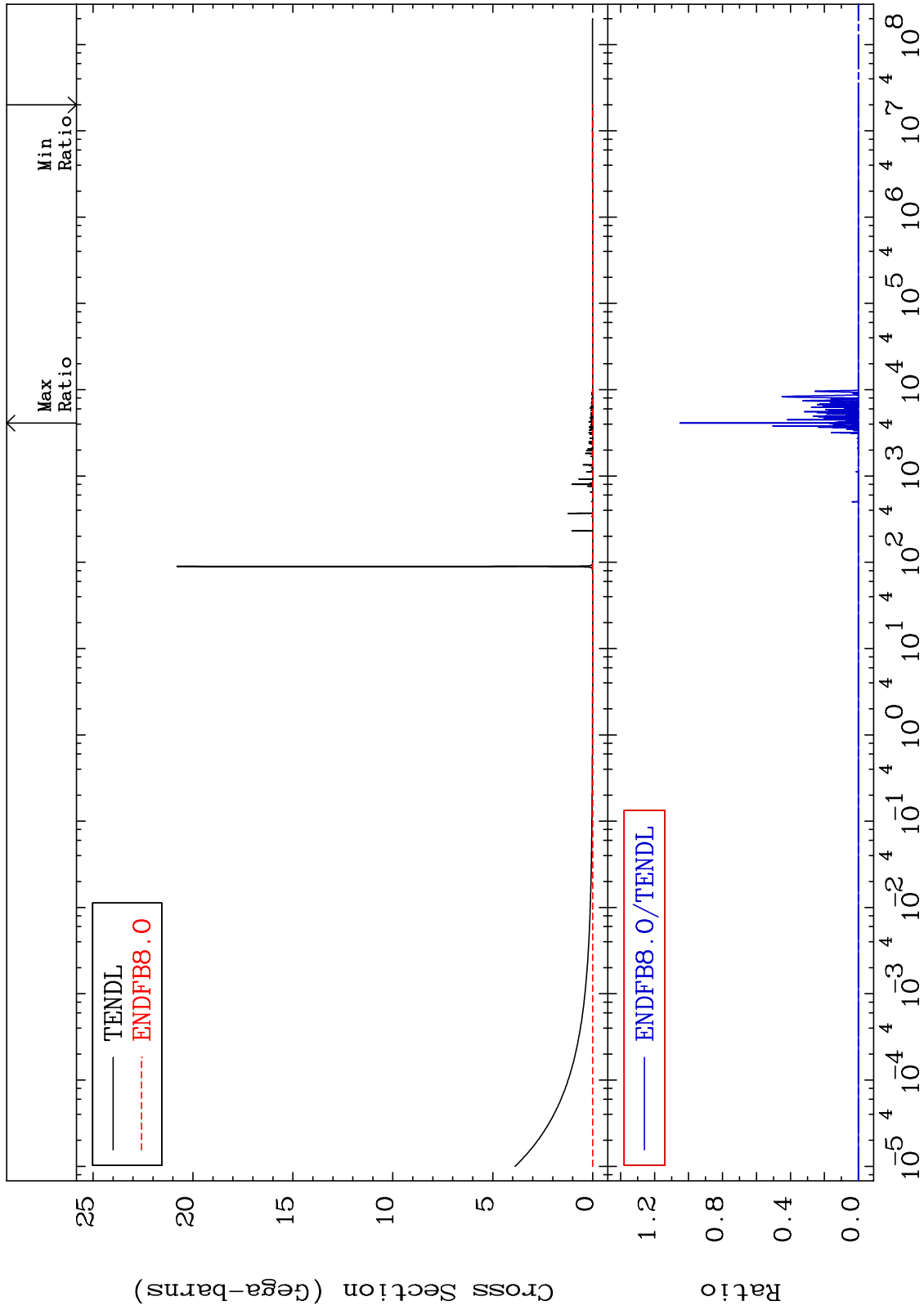
Incident Energy (eV)

48-Cd-110

MAT 4837

Total photon (eV-barns)
Cross Section

48-Cd-110
-100.0 To 9999. %



42

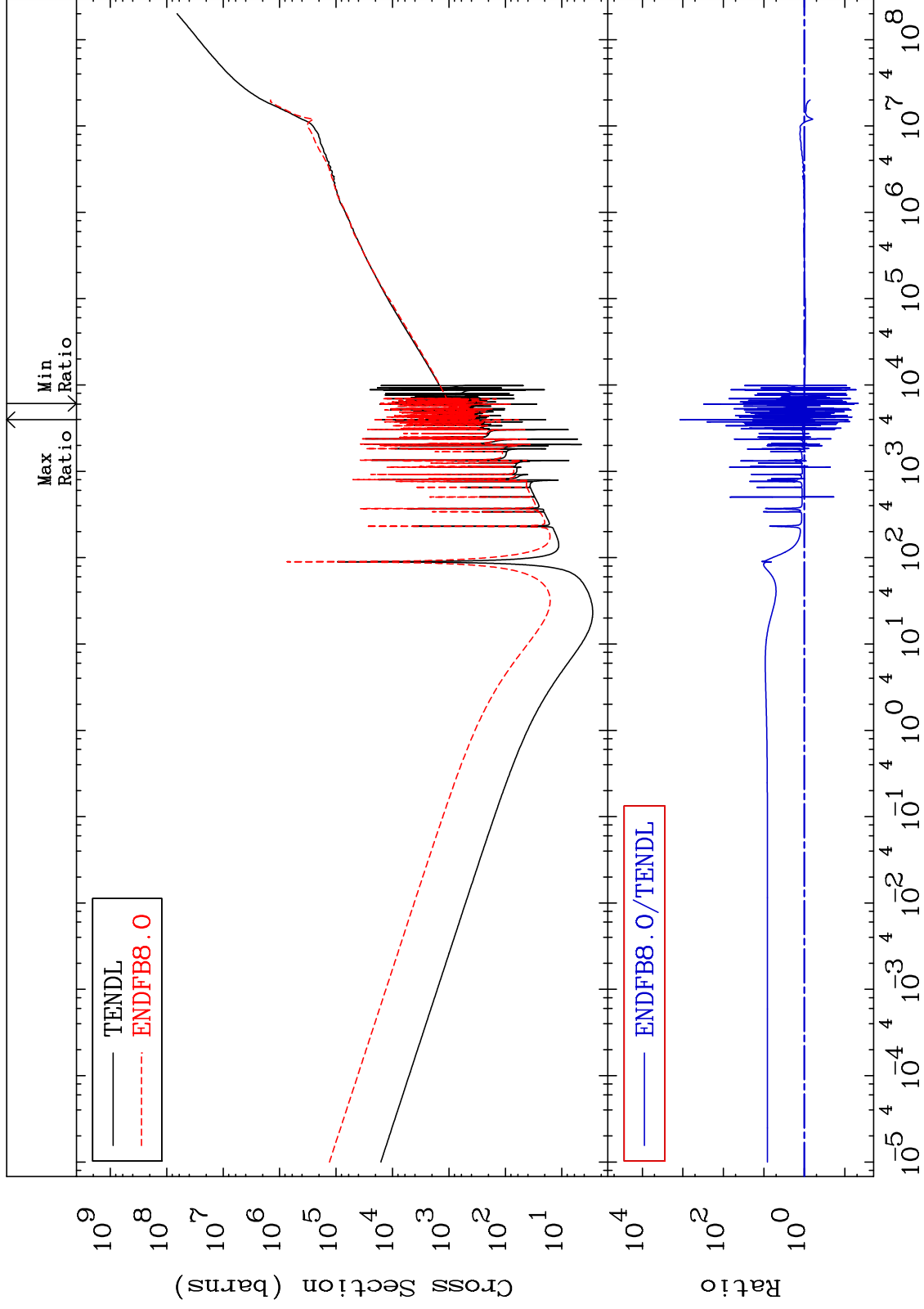
Incident Energy (eV)

48-Cd-110

MAT 4837

Total kinematic kerma (high limit)
Cross Section

48-Cd-110
-95.37 To 9999. %



43

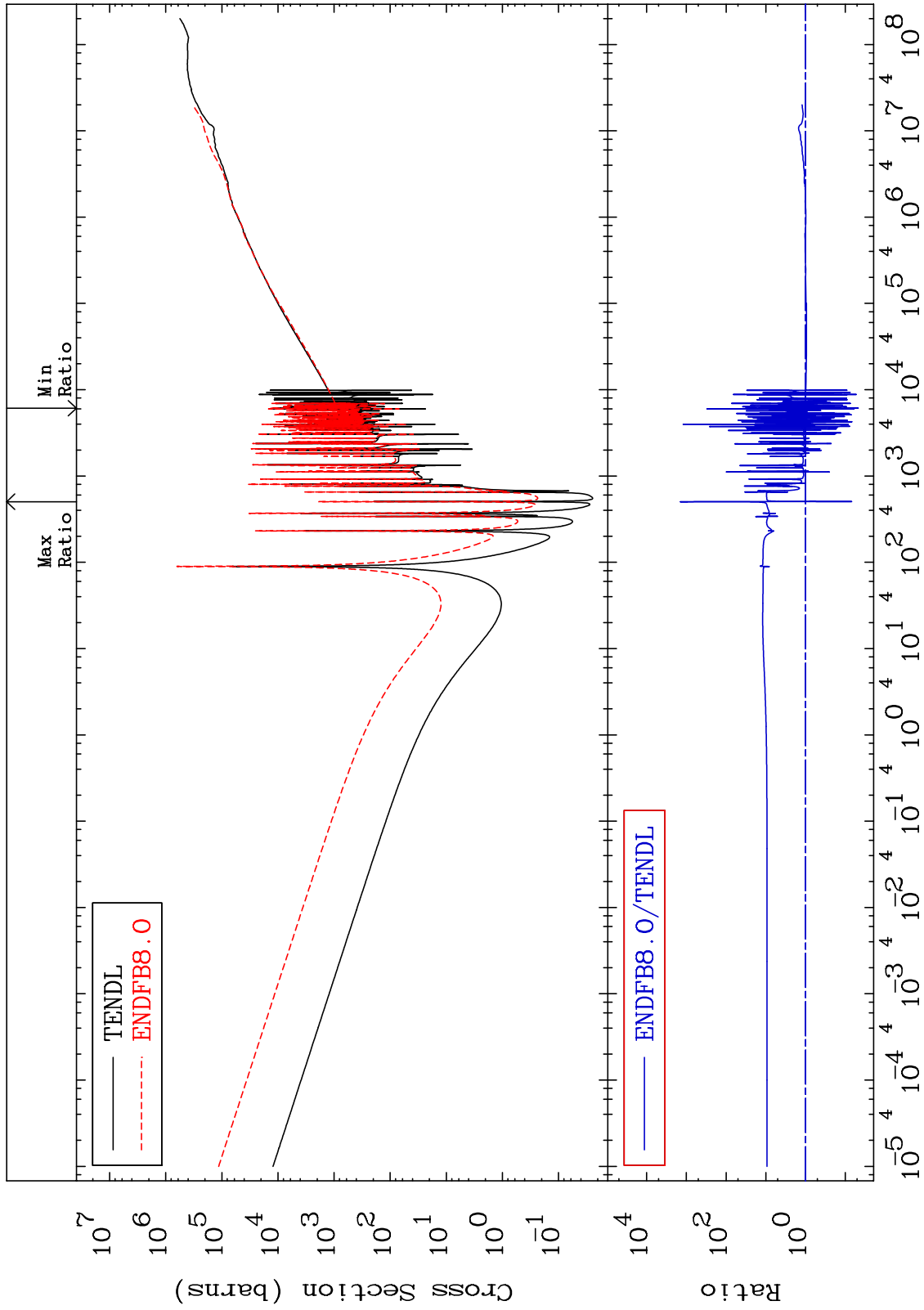
Incident Energy (eV)

48-Cd-110

MAT 4837

Dpa total (eV-barns)
Cross Section

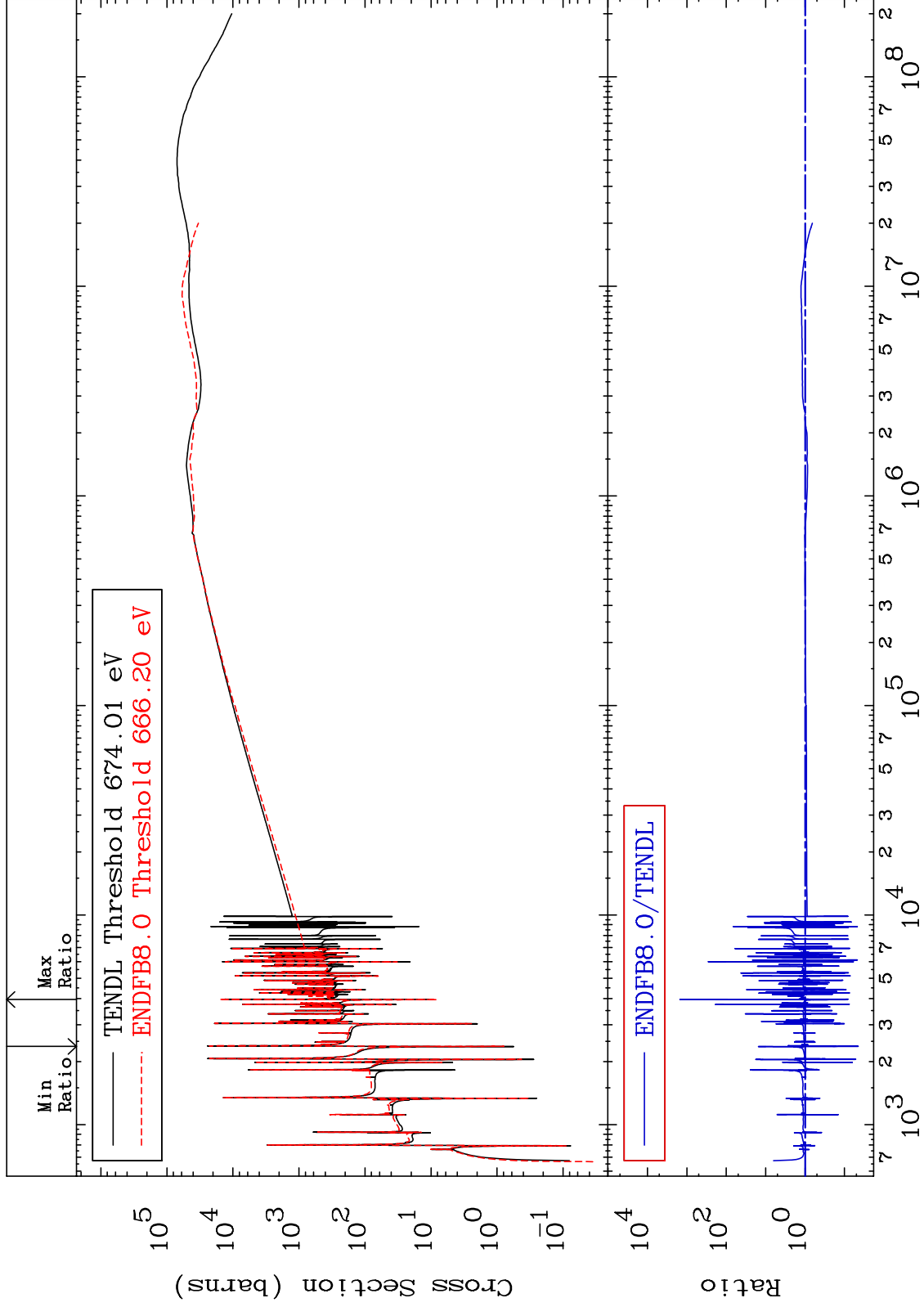
48-Cd-110
-95.35 To 9999. %



MAT 4837

Dpa elastic (mt2)
Cross Section

48-Cd-110
-95.57 To 9999. %



45

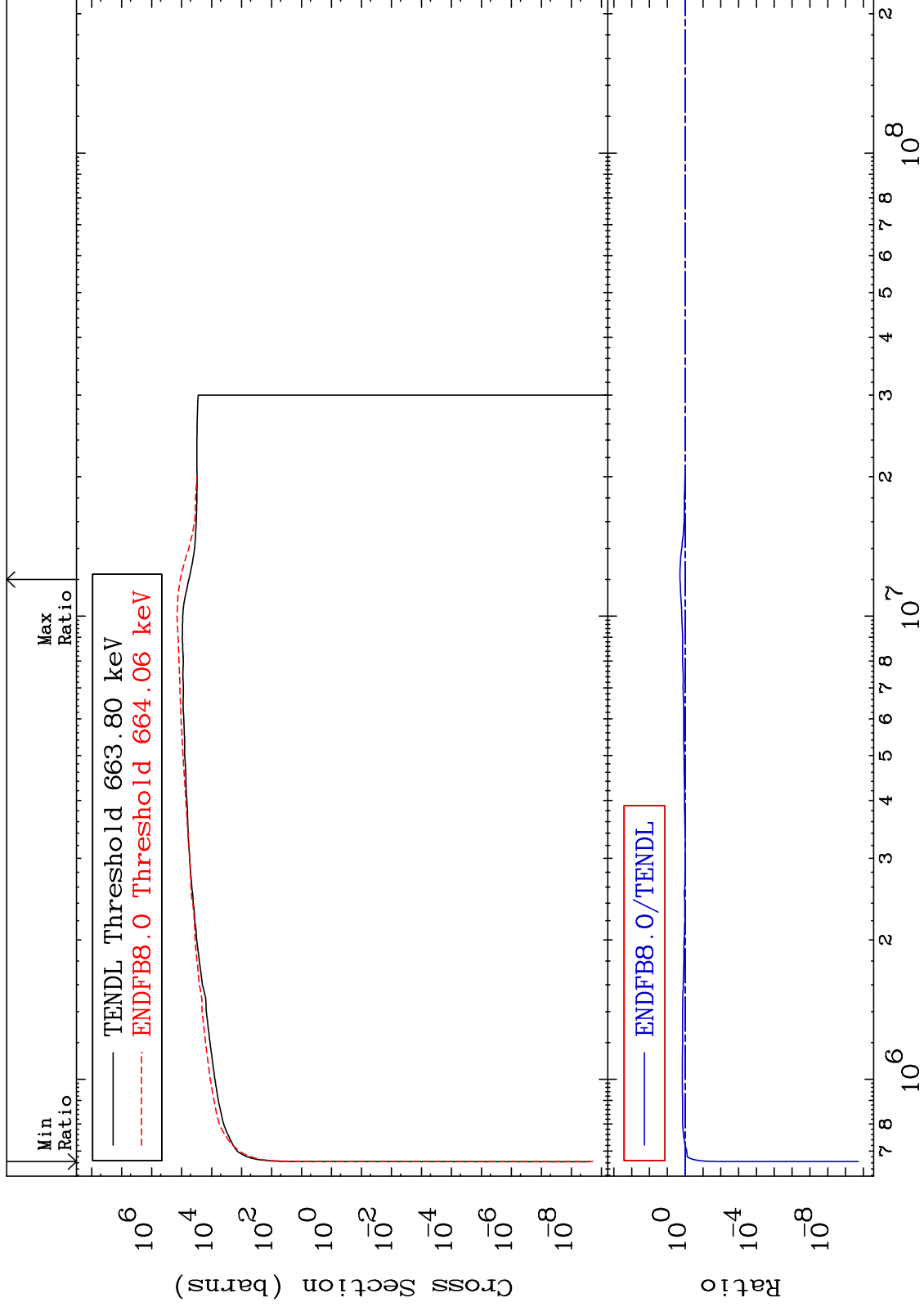
48-Cd-110

48-Cd-110

MAT 4837

Dpa inelastic (mt51-91)
Cross Section

48-Cd-110
-100.0 To 93.91 %



46

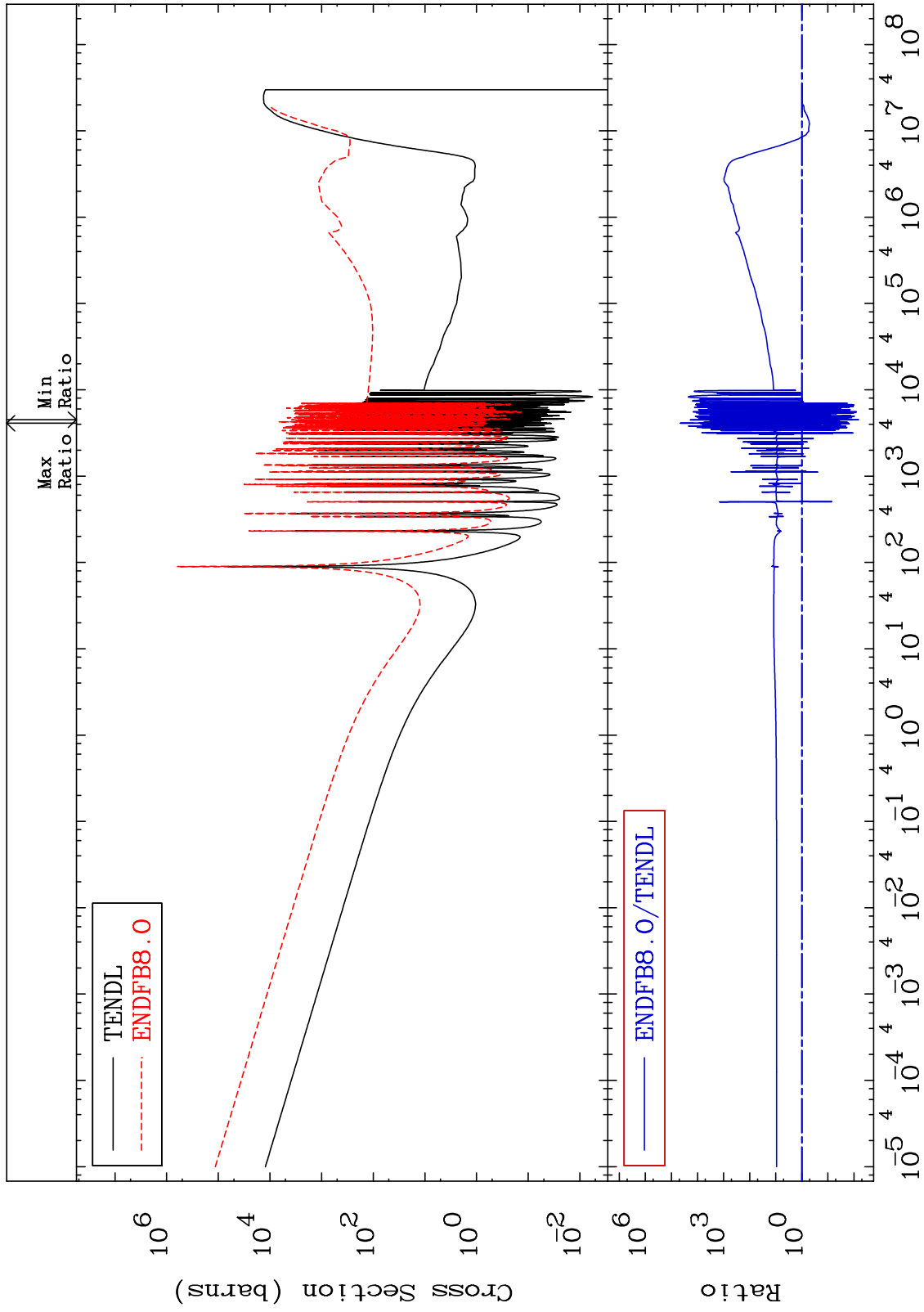
Incident Energy (eV)

48-Cd-110

MAT 4837

Dpa disappearance (mt102 -120)
Cross Section

48-Cd-110
-99.33 To 9999. %



47

Incident Energy (eV)

48-Cd-110