

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

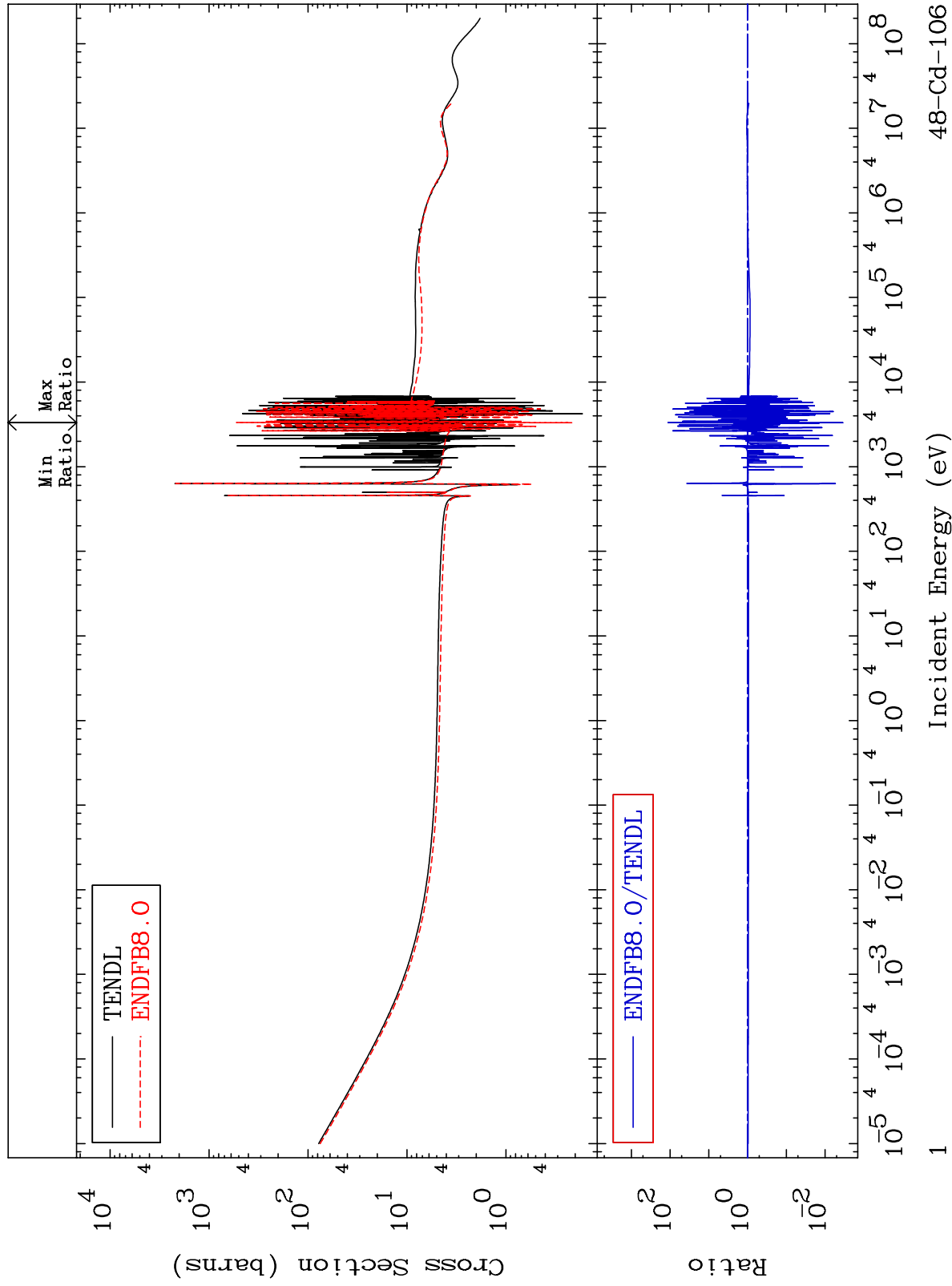
MAT 4825

Total

48-Cd-106

-99.65 To 9999. %

Cross Section

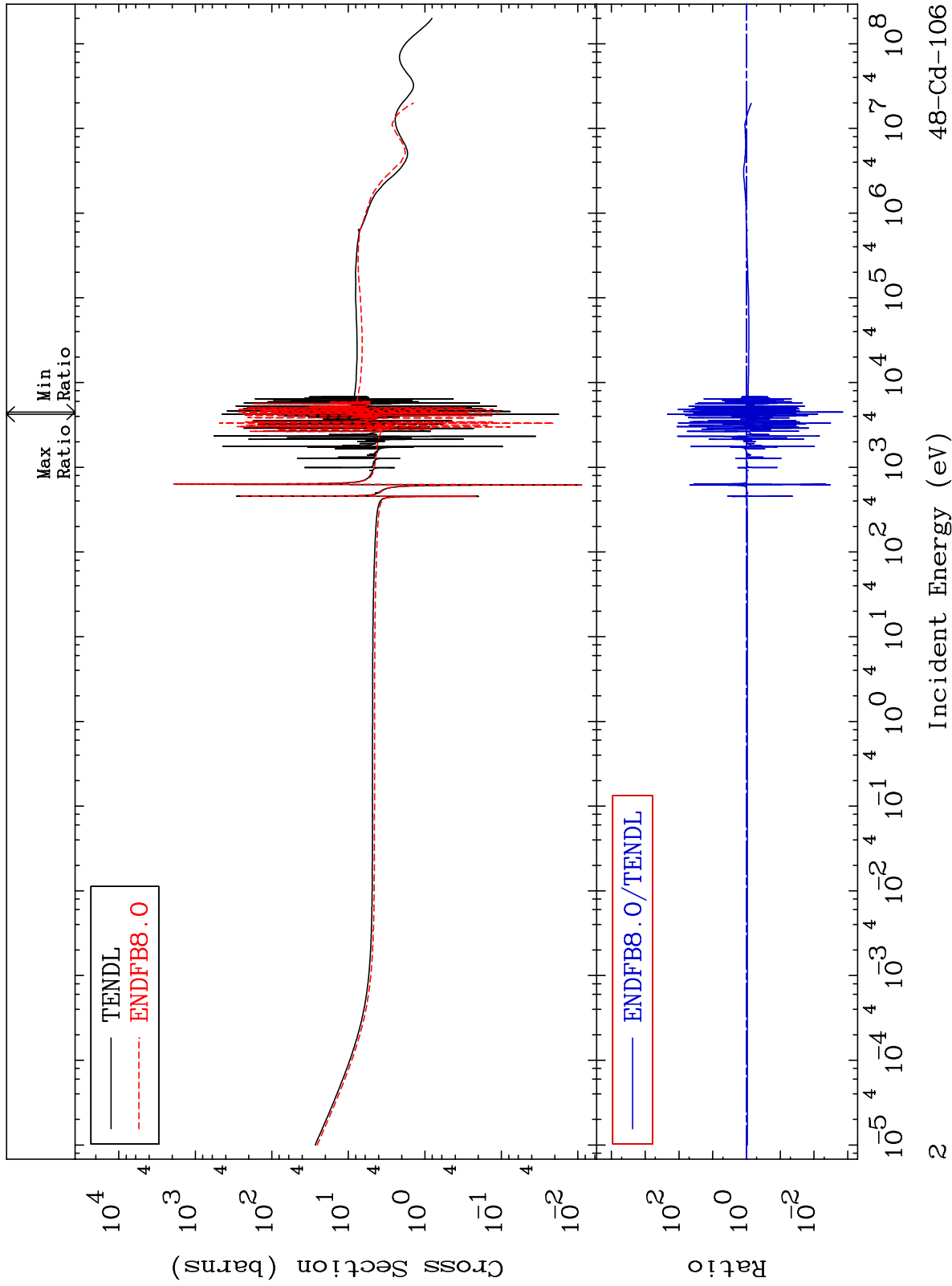


48-Cd-106

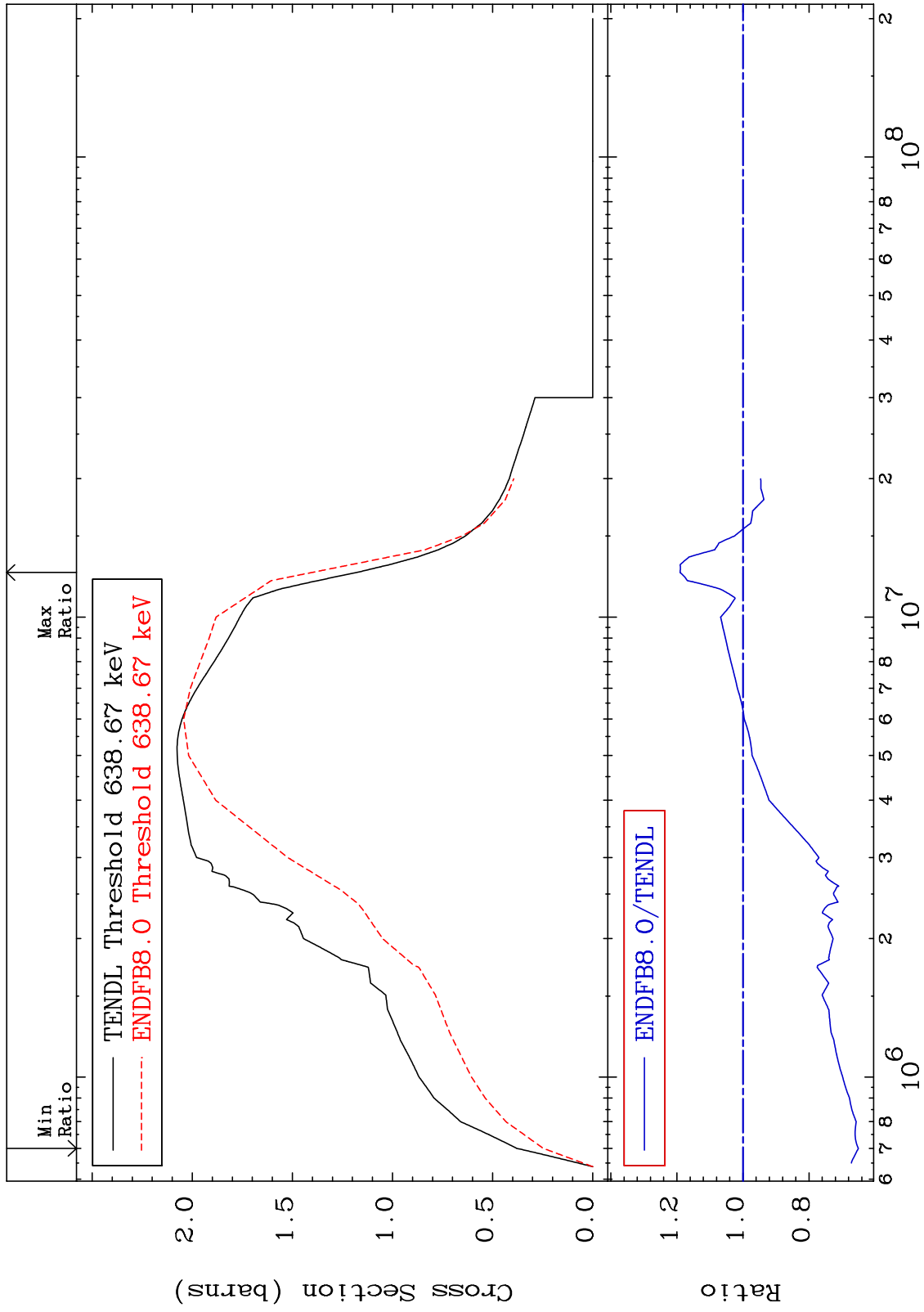
MAT 4825

Elastic
Cross Section

48-Cd-106
-99.86 To 9999. %

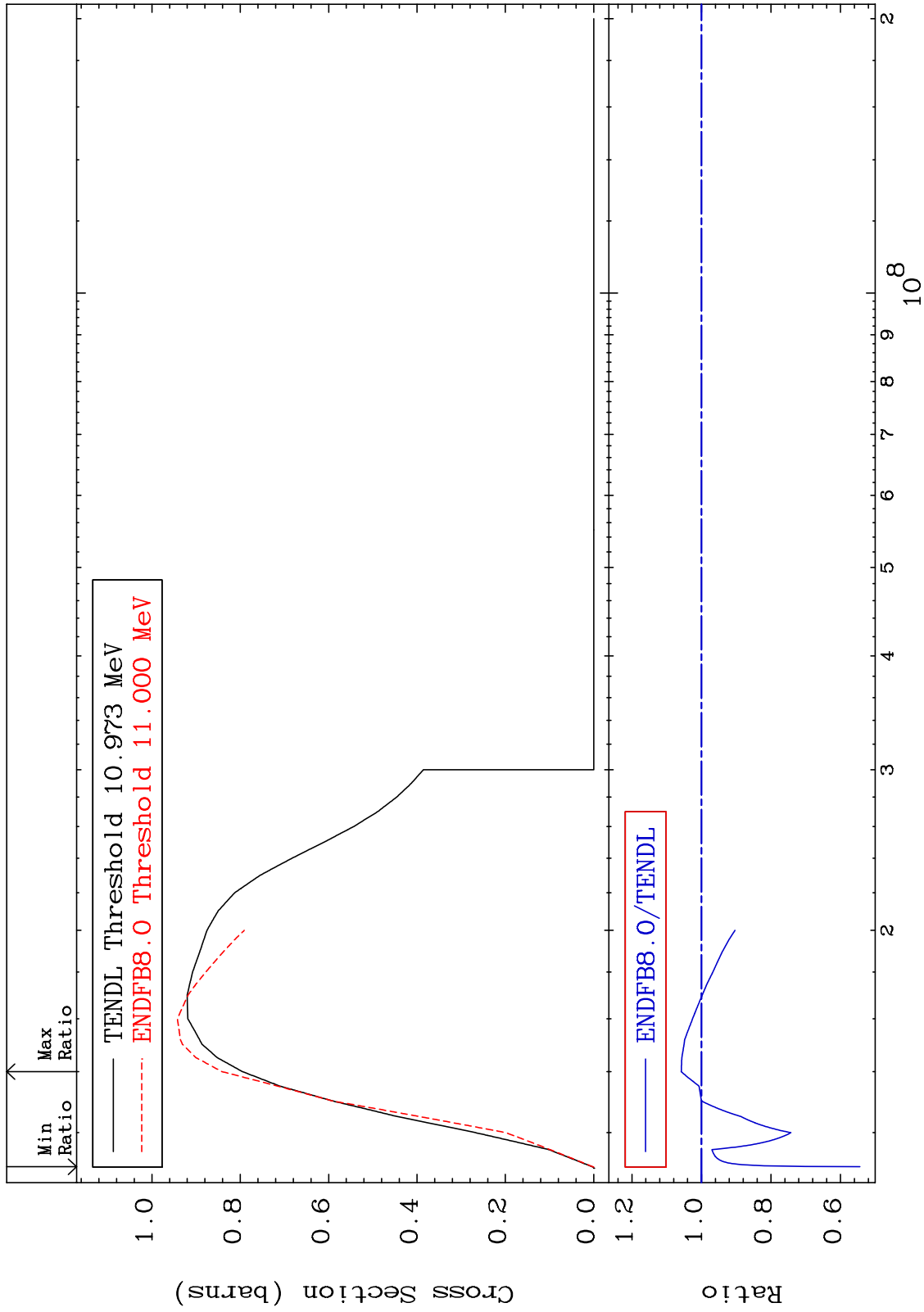


MAT 4825 Inelastic Cross Section 48-Cd-106 -34.96 To 19.06 %



3 6 7 8 10⁶ 10⁷ 10⁸ 48-Cd-106

MAT 4825 (n,2n) Cross Section 48-Cd-106 -45.58 To 5.824 %



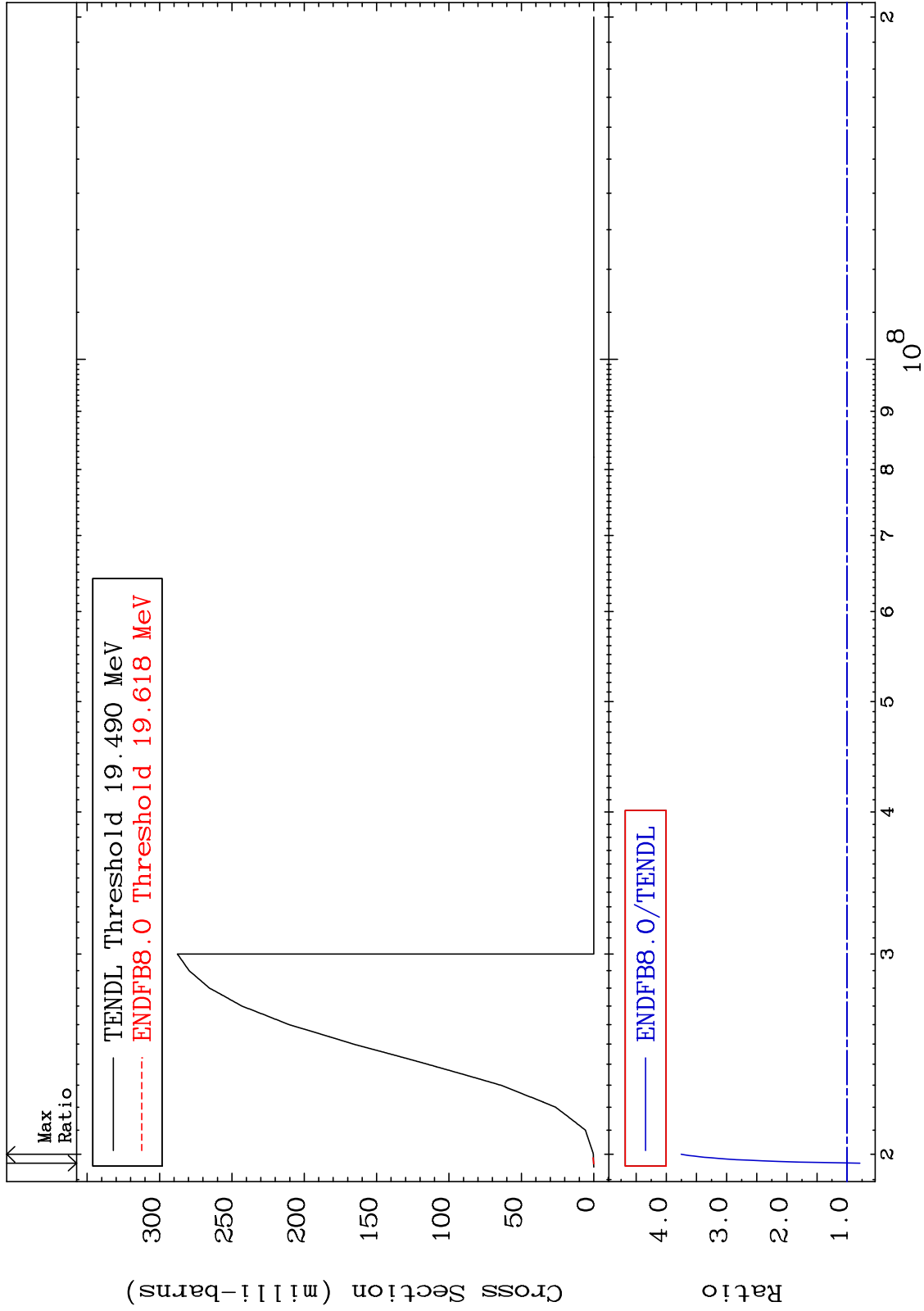
MAT 4825

(n,3n)

48-Cd-106

Cross Section

-21.29 To 275.1 %



5

Incident Energy (eV)

48-Cd-106

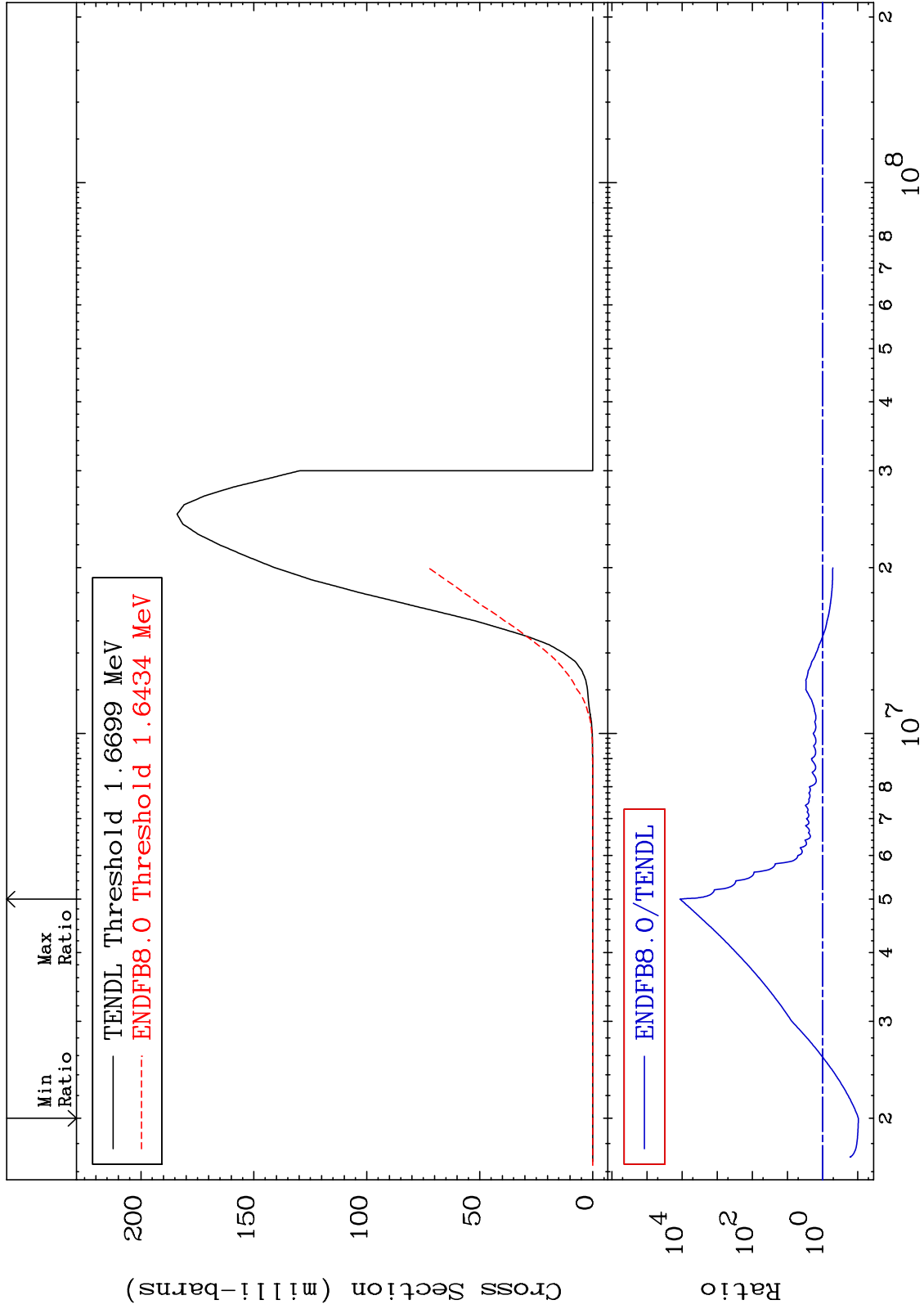
MAT 4825

(n,n') α

48-Cd-106

-90.39 To 9999. %

Cross Section



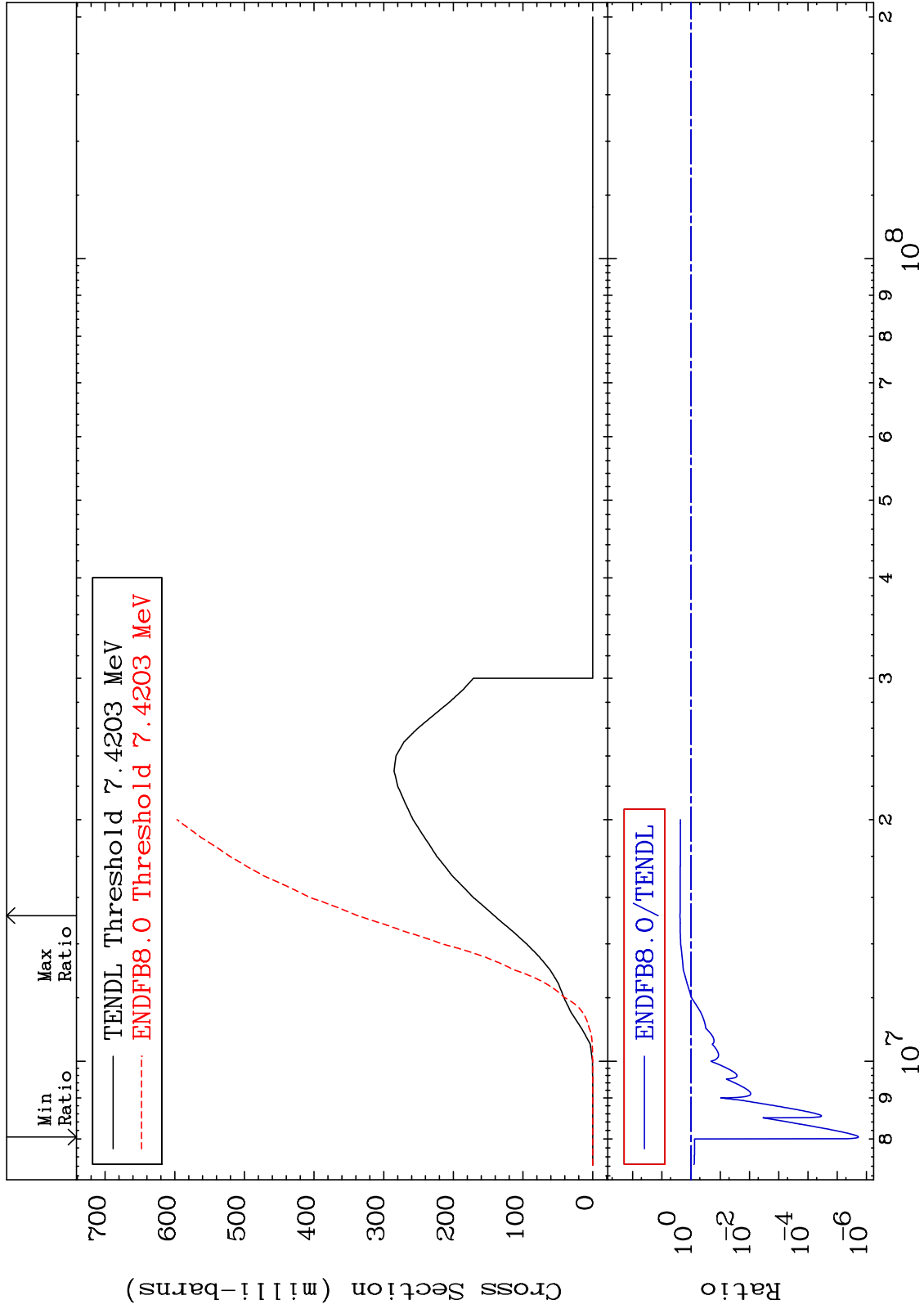
MAT 4825

(n,n') p

48-Cd-106

Cross Section

-100.0 To 138.8 %



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Incident Energy (eV)

48-Cd-106

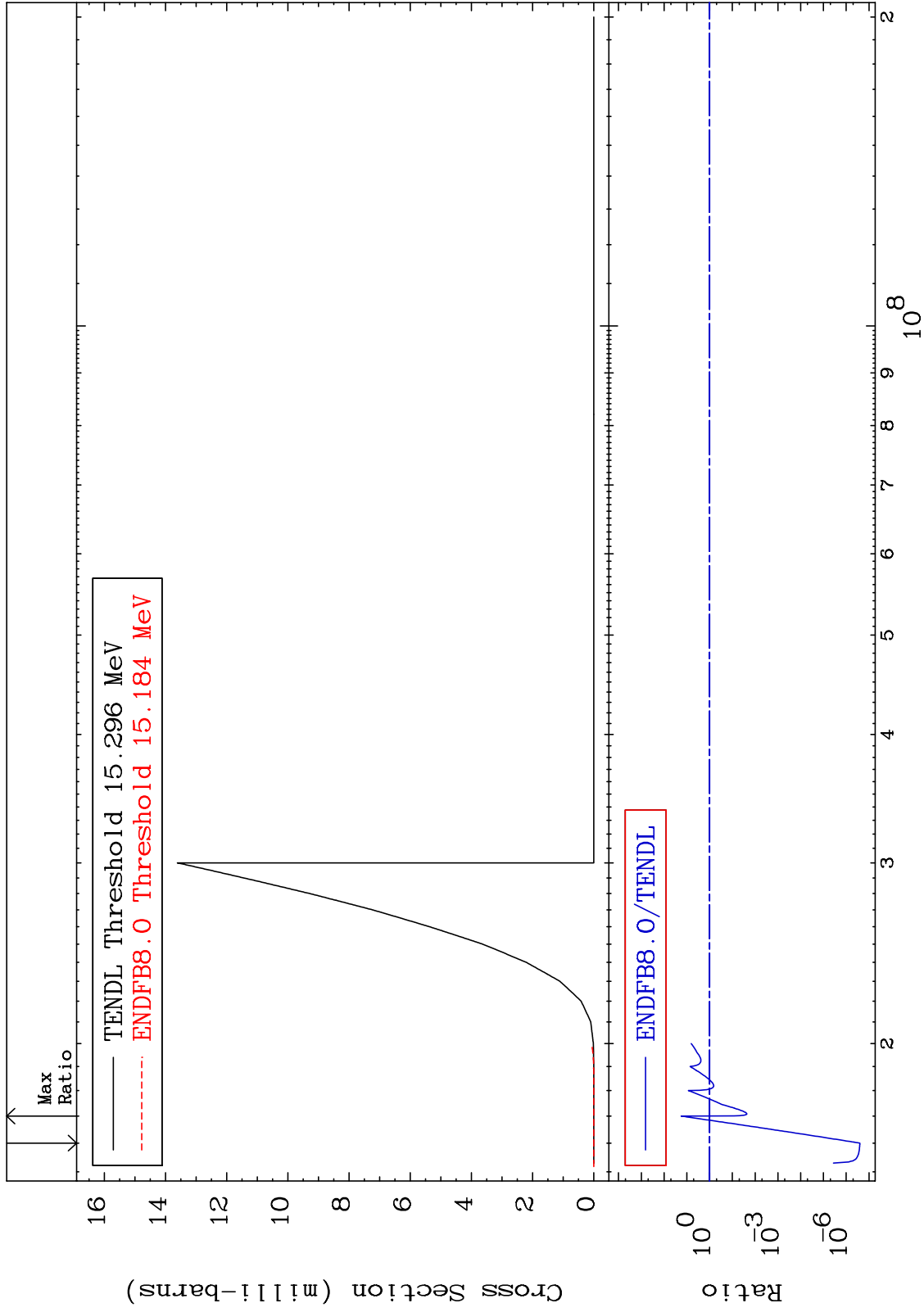
MAT 4825

(n,n') d

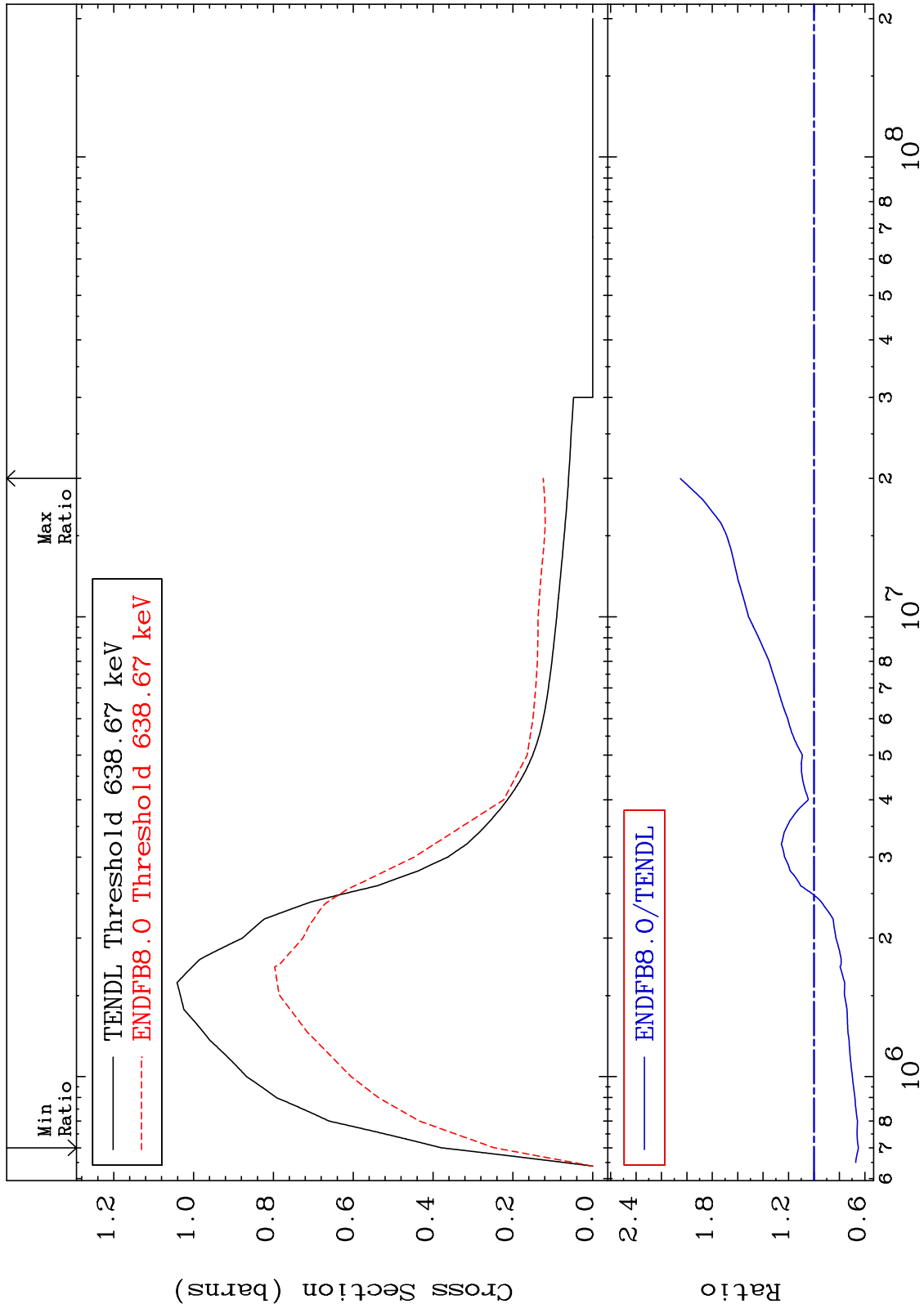
48-Cd-106

Cross Section

-100.0 To 1661. %



MAT 4825 MT= 51 (n,n') Level 48-Cd-106
 Cross Section -34.96 To 105.4 %

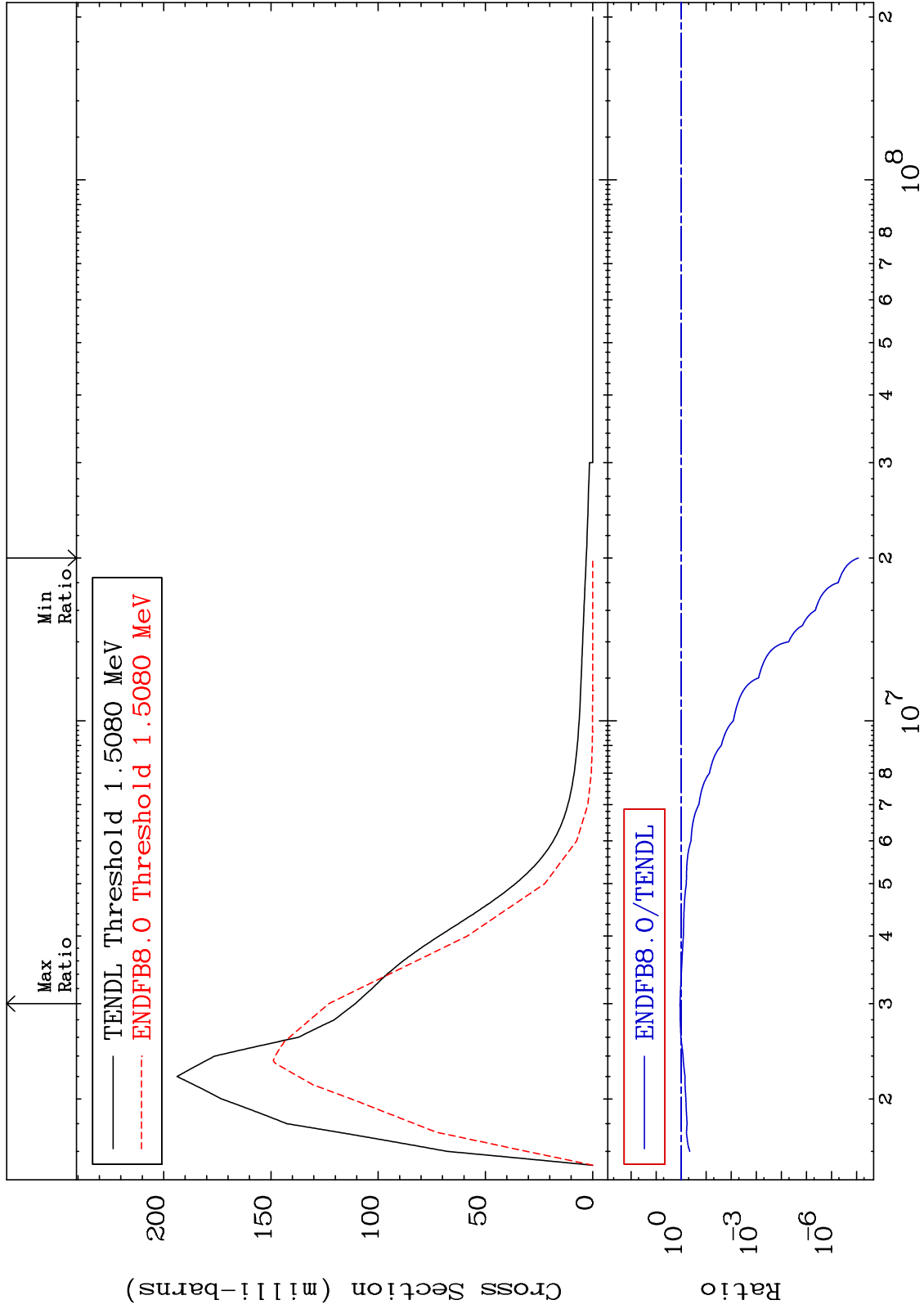


9 Incident Energy (eV) 48-Cd-106

MAT 4825

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

48-Cd-106
-100.0 To 11.20 %



10

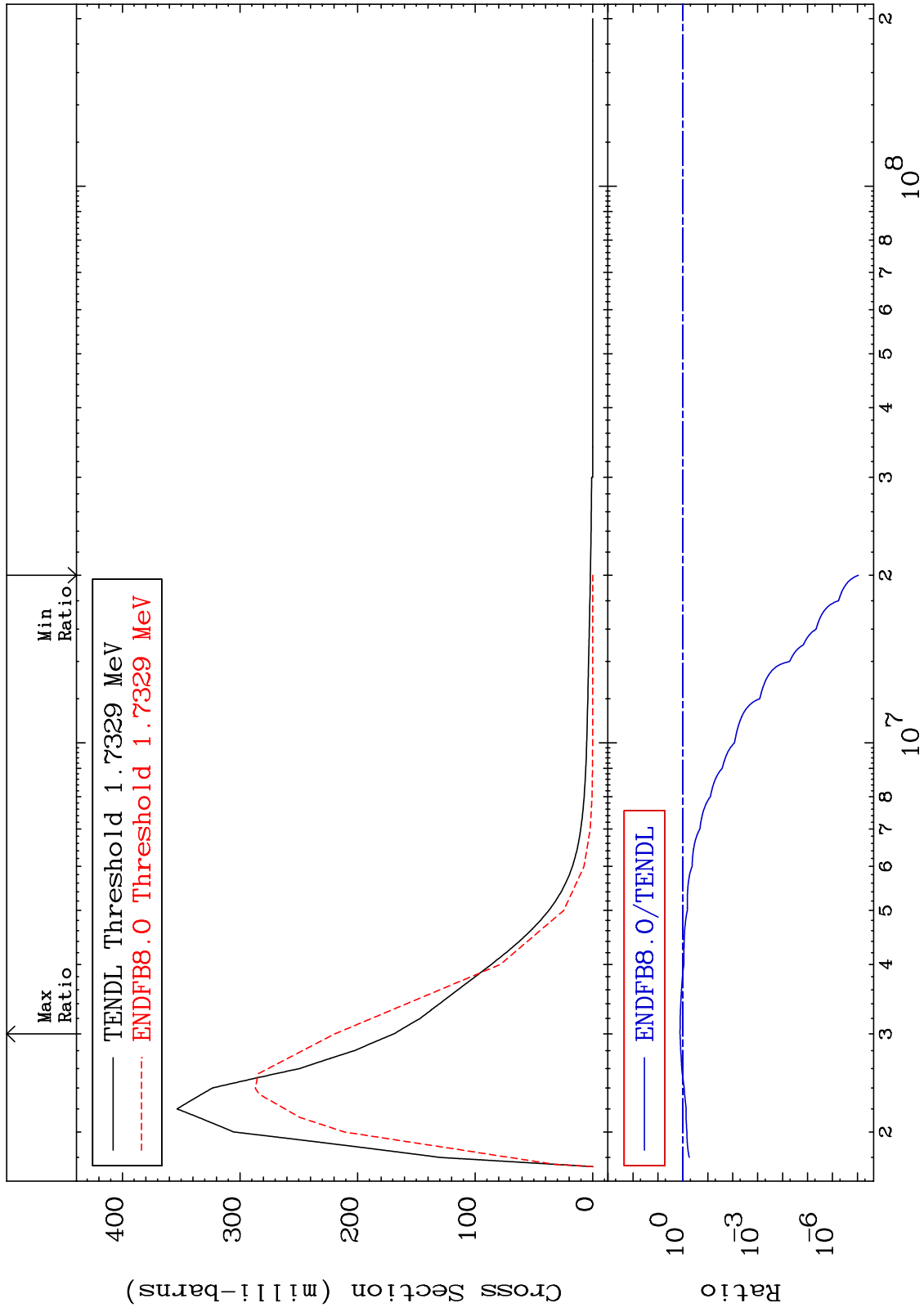
Incident Energy (eV)

48-Cd-106

MAT 4825

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

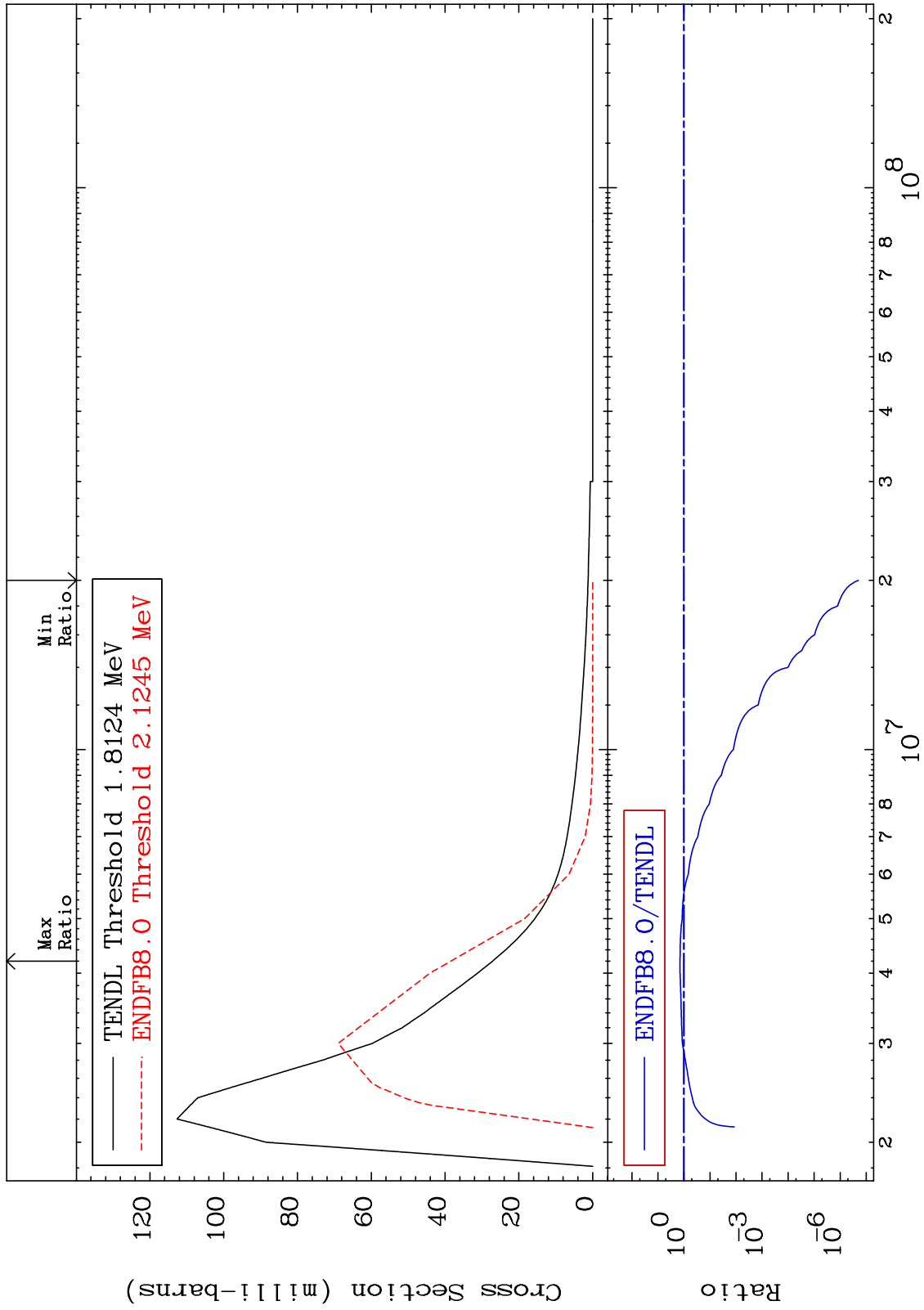
48-Cd-106
-100.0 To 29.78 %



MAT 4825

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

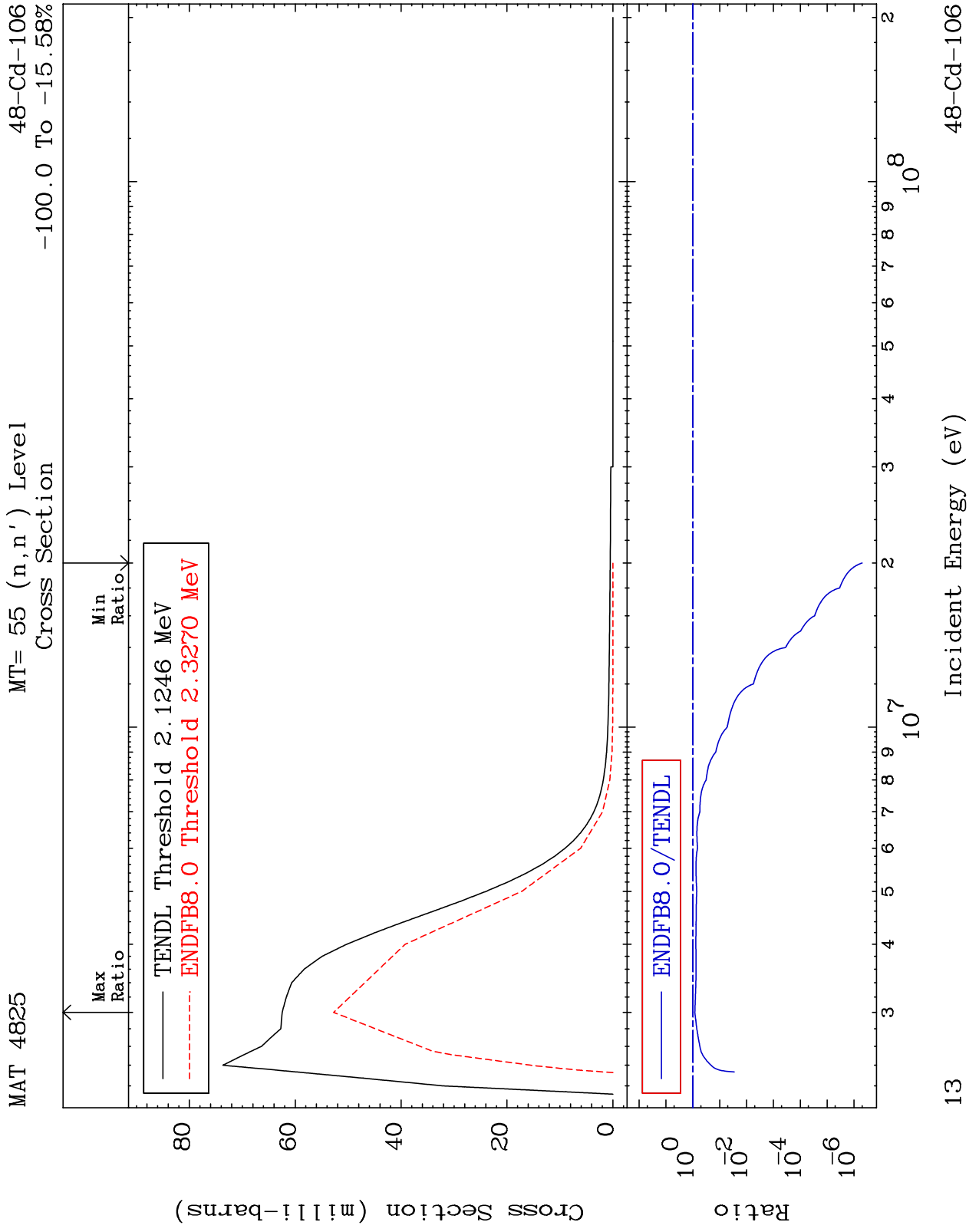
48-Cd-106
-100.0 To 41.87 %



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Incident Energy (eV)

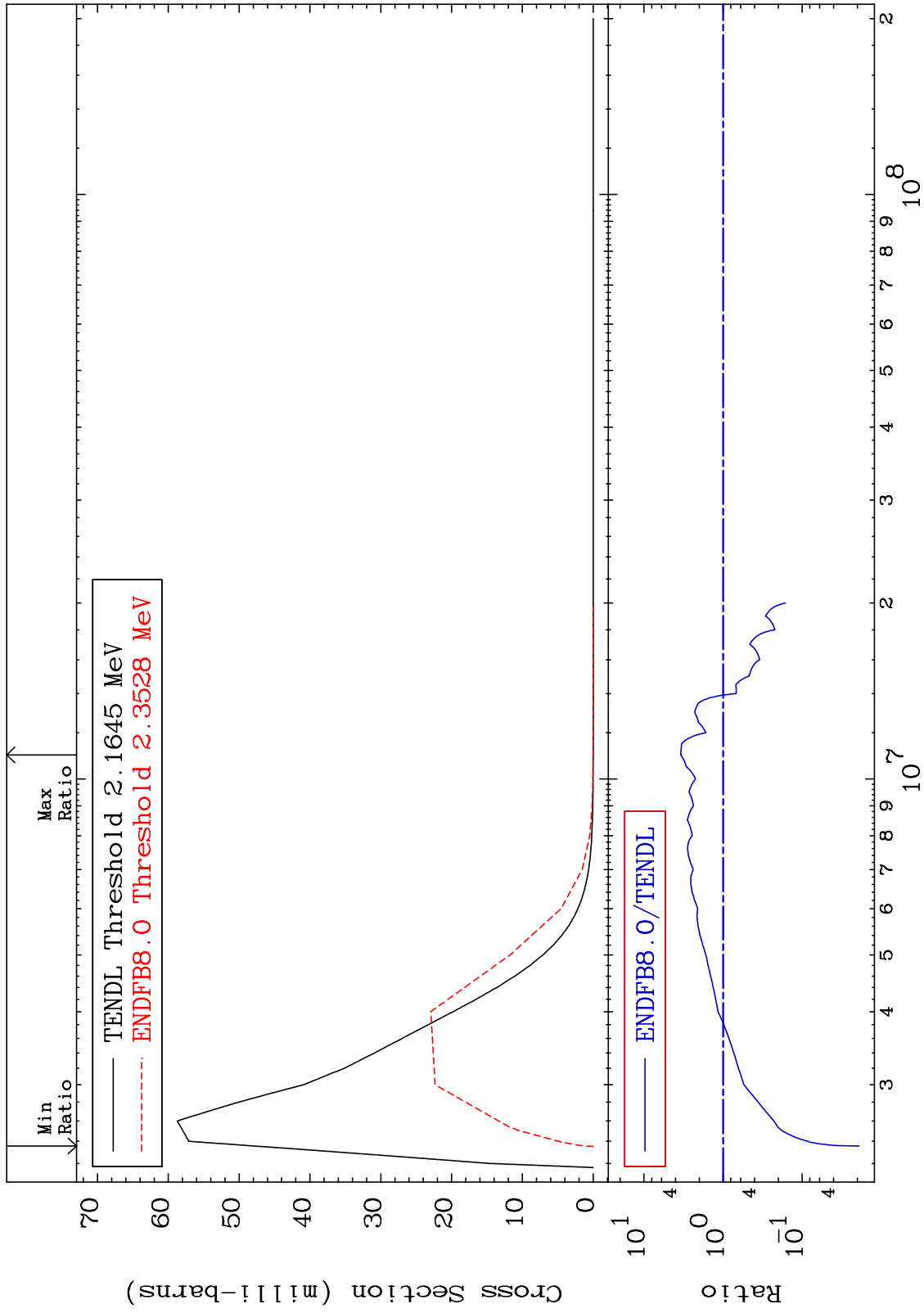
48-Cd-106



MAT 4825

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

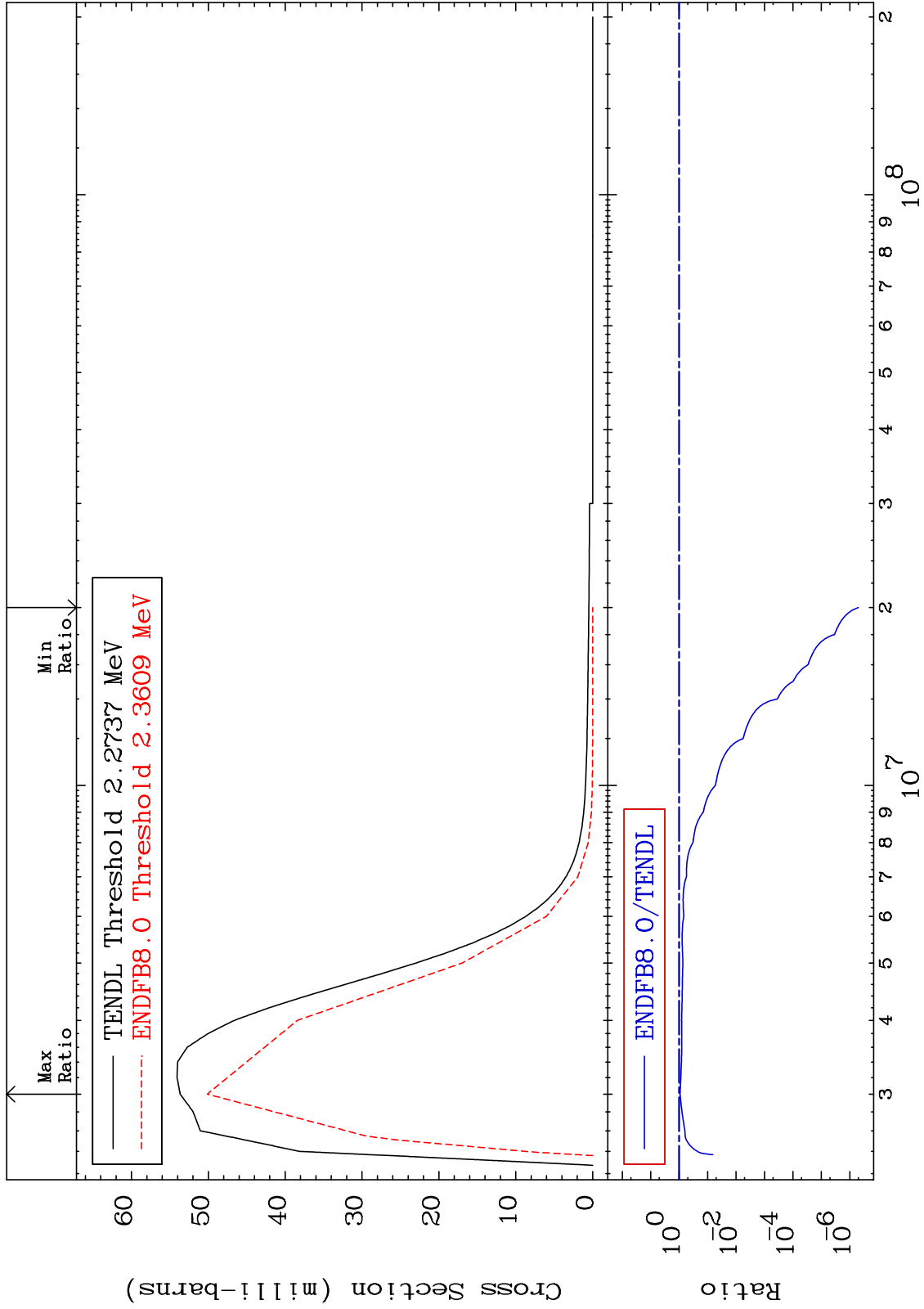
48-Cd-106
-98.10 To 244.0 %



MAT 4825

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

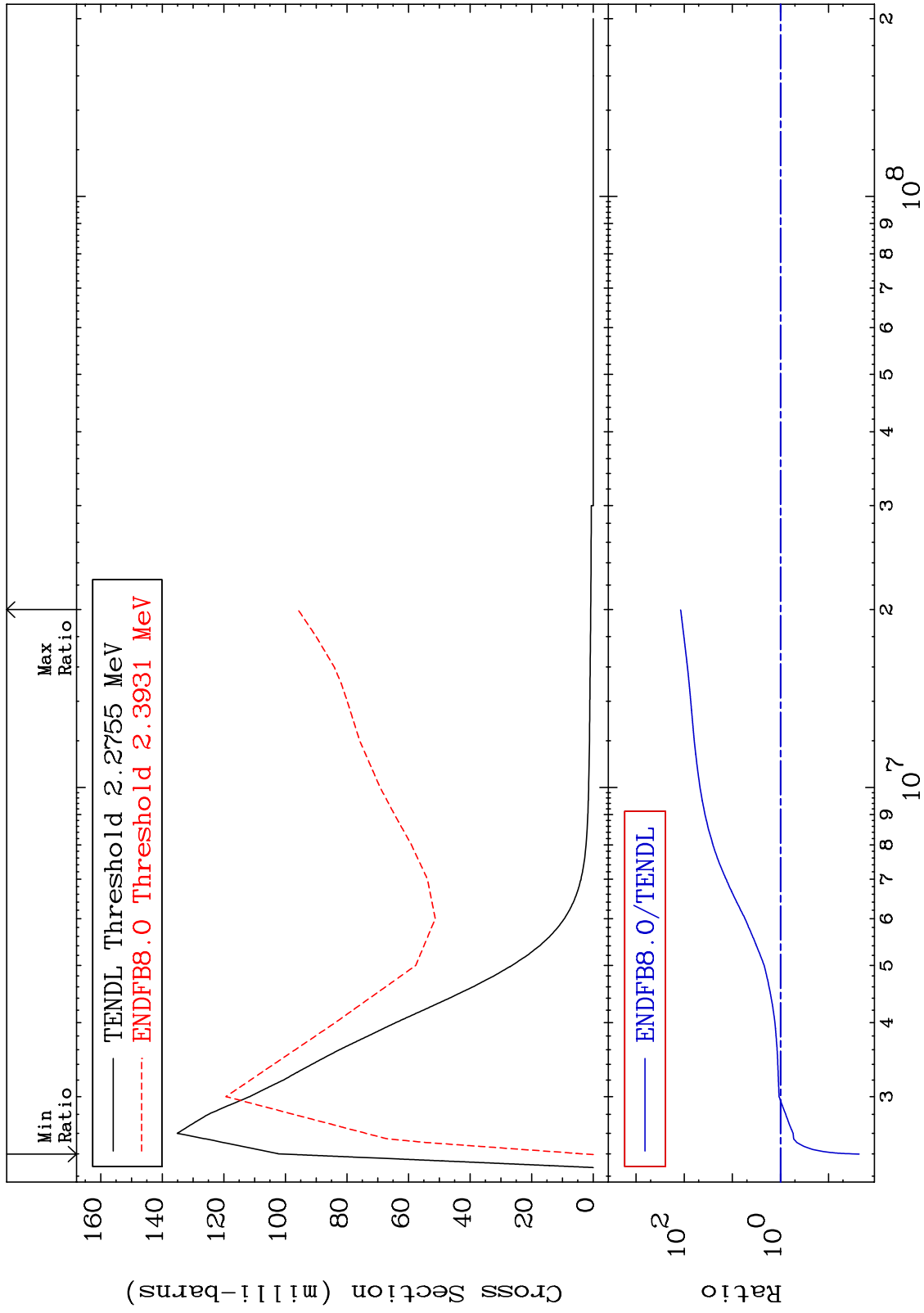
48-Cd-106
-100.0 To -6.569%



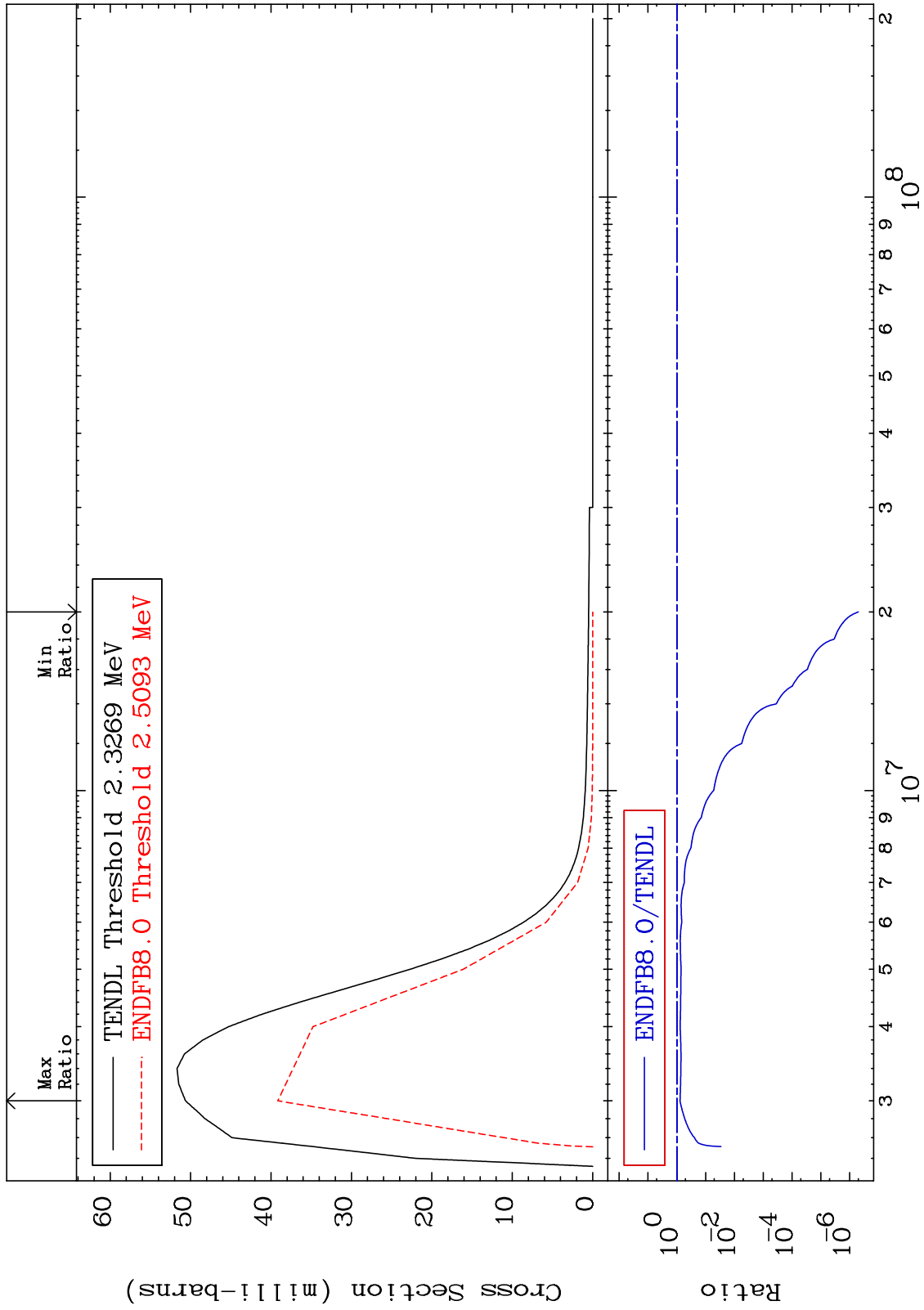
MAT 4825

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

48-Cd-106
-97.69 To 9999. %



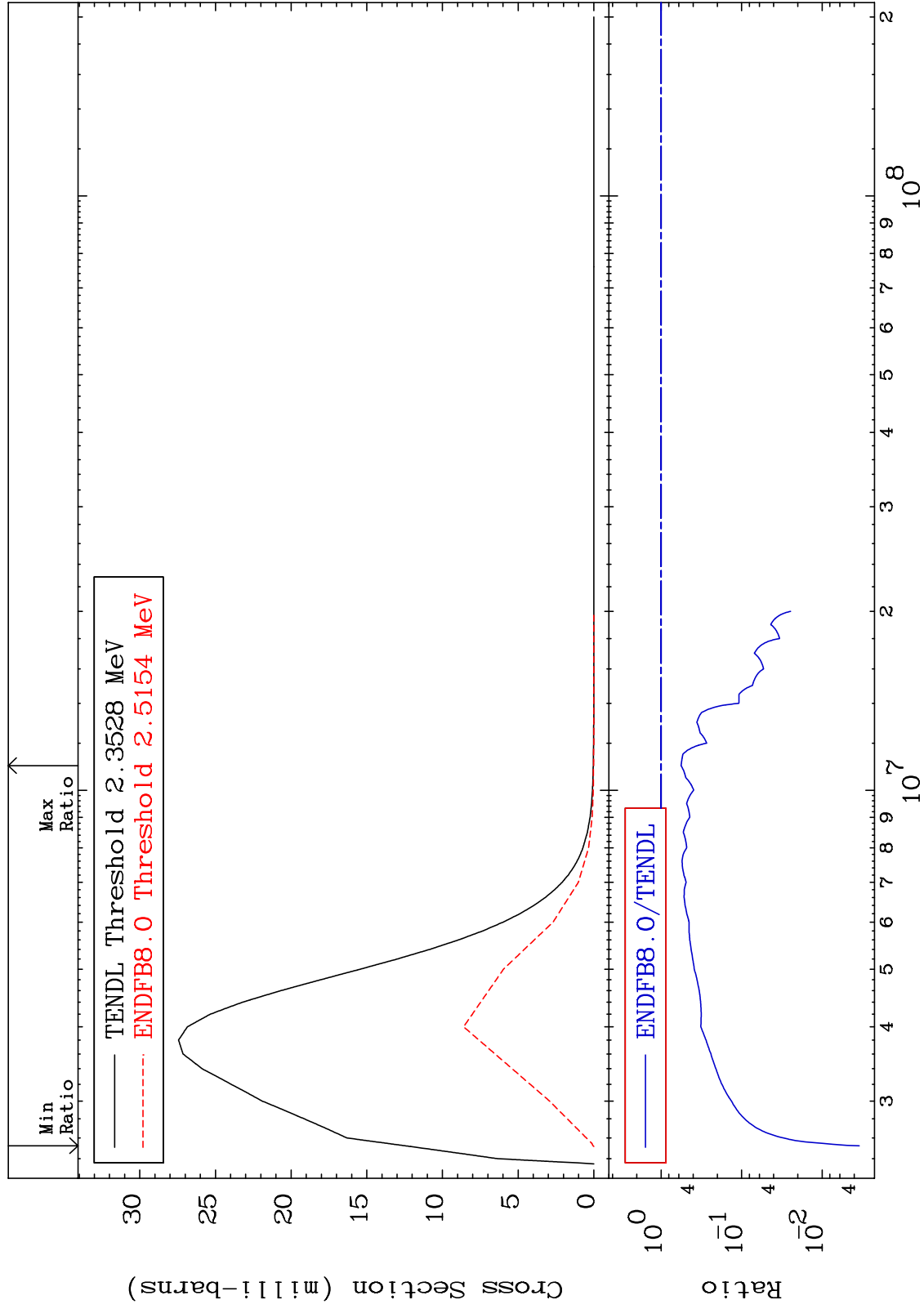
MAT 4825 MT= 59 (n,n') Level Cross Section 48-Cd-106
 -100.0 To -22.67%



MAT 4825

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

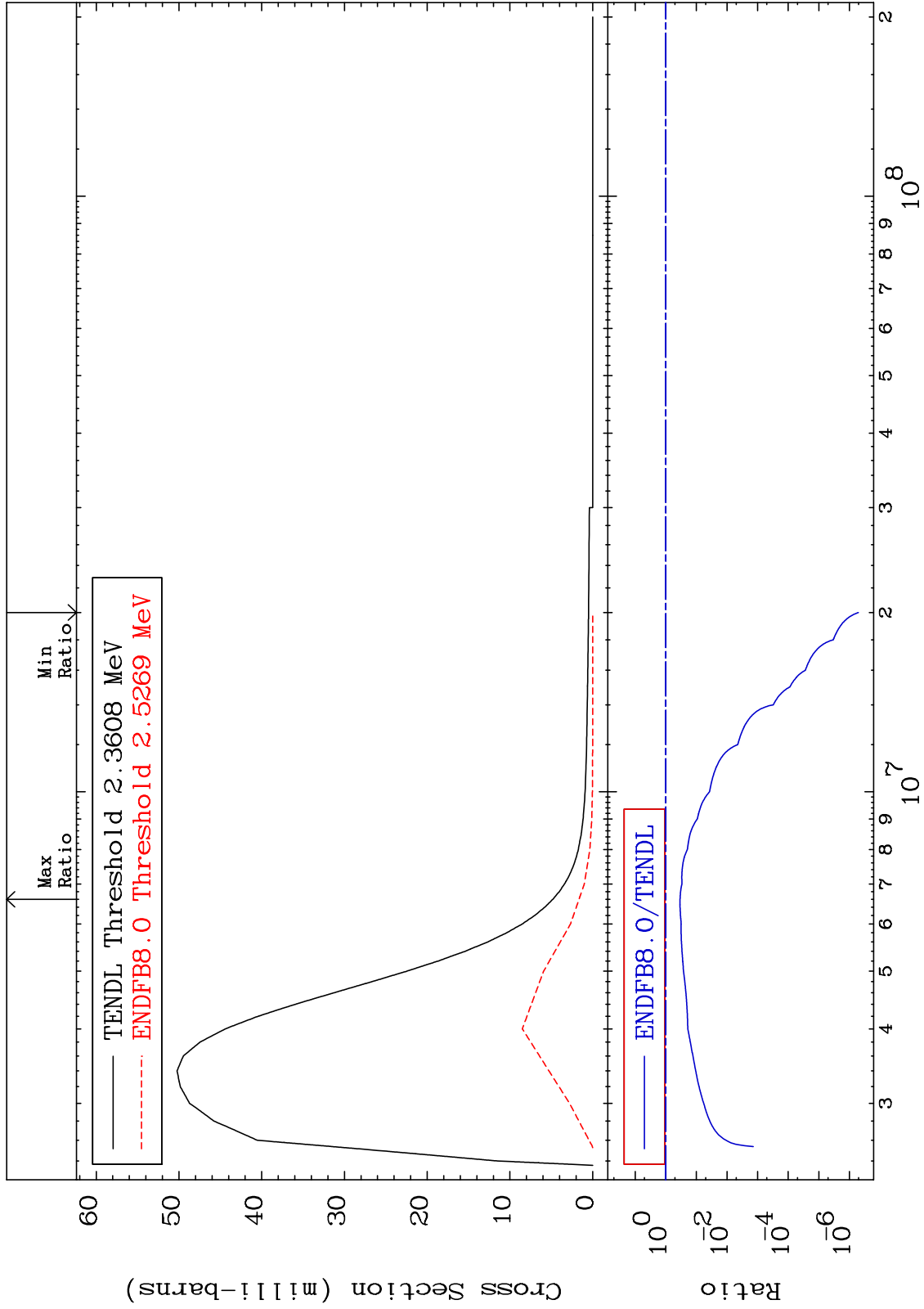
48-Cd-106
-99.65 To -43.57%



MAT 4825

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

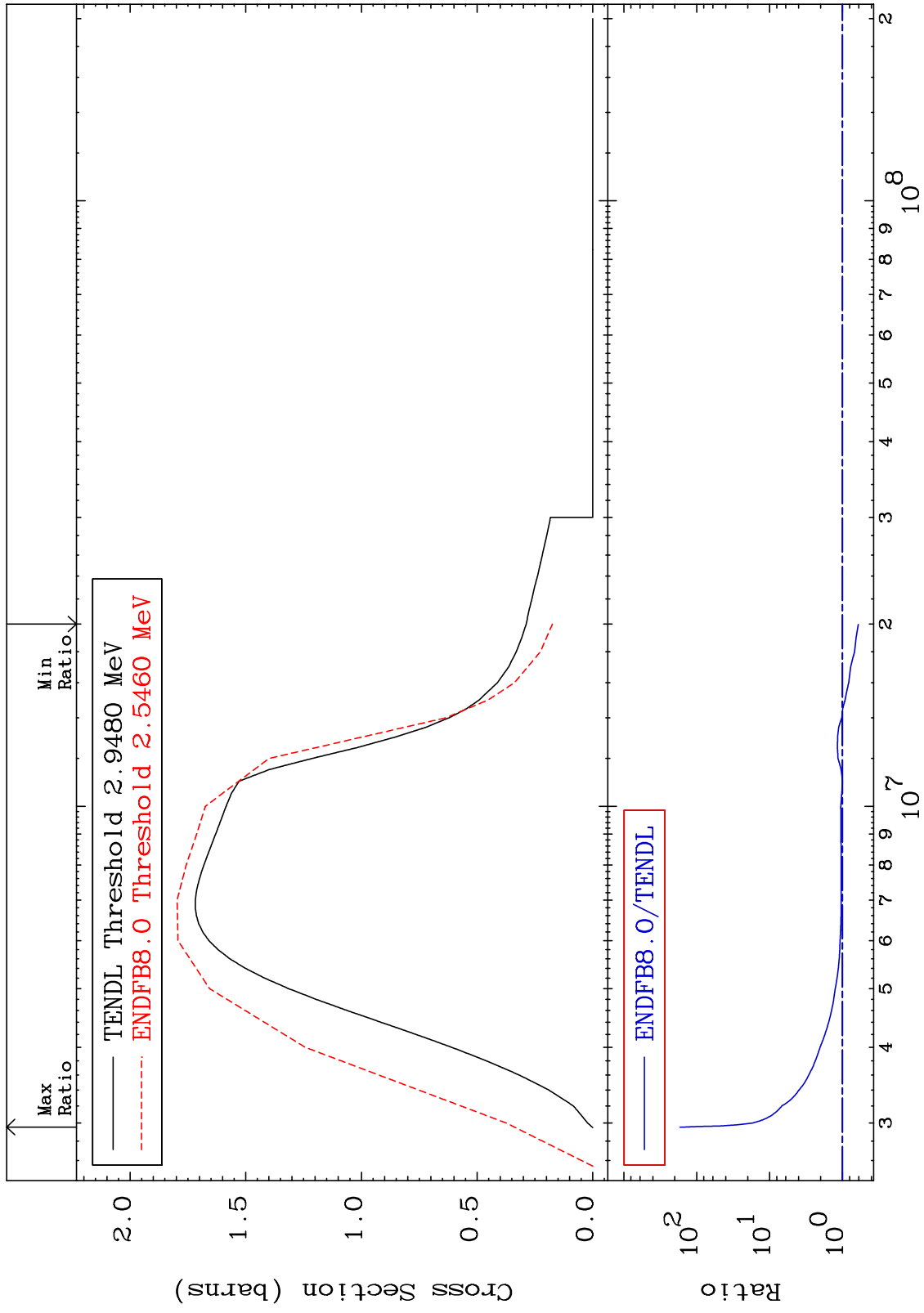
48-Cd-106
-100.0 To -65.72%



MAT 4825

(n, n') Continuum
Cross Section

48-Cd-106
-39.45 To 9999. %

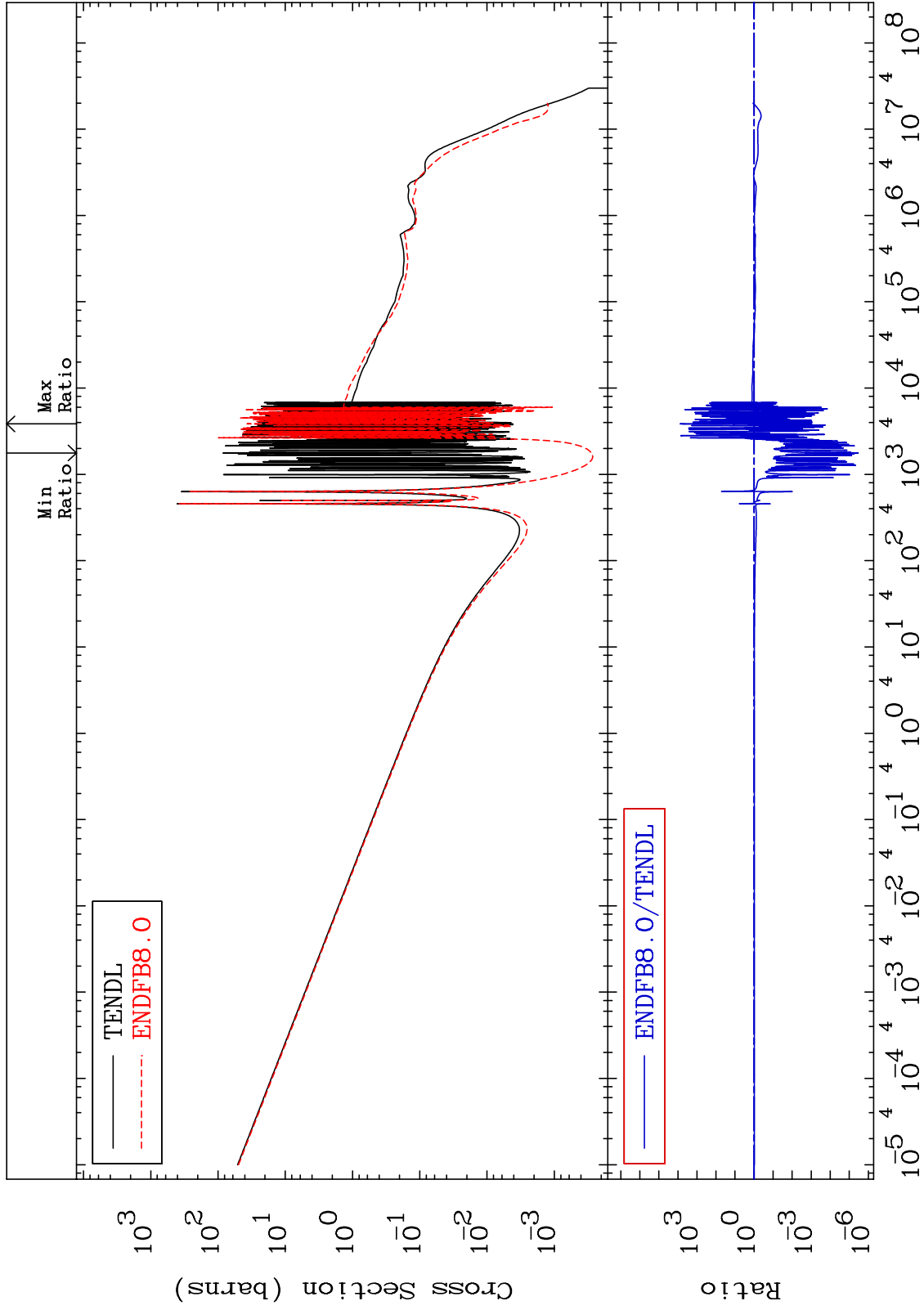


MAT 4825

(n, γ)

48-Cd-106

Cross Section -100.0 To 9999. %

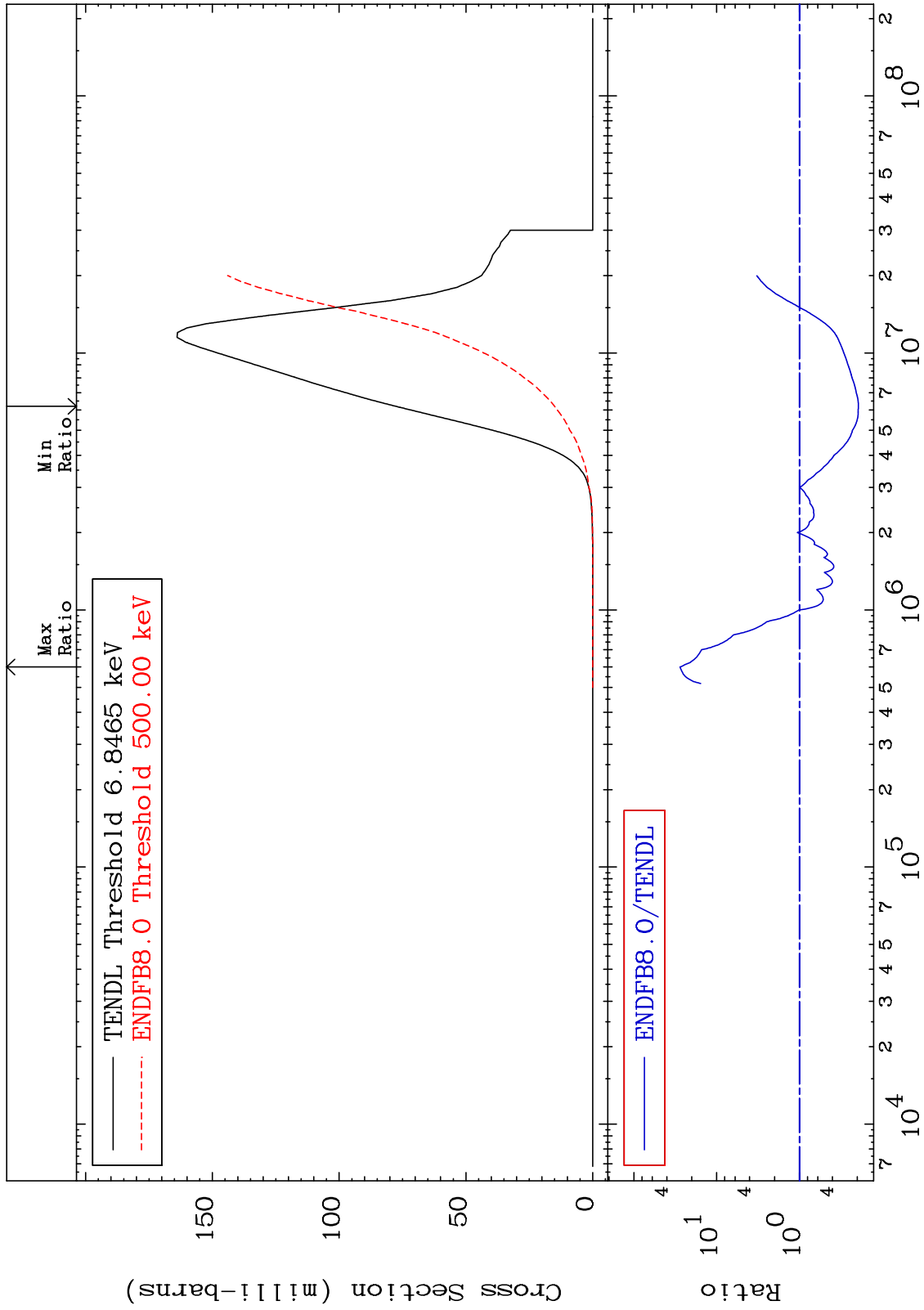


MAT 4825

48-Cd-106

-80.64 To 2674. %

(n,p)
Cross Section



22

48-Cd-106

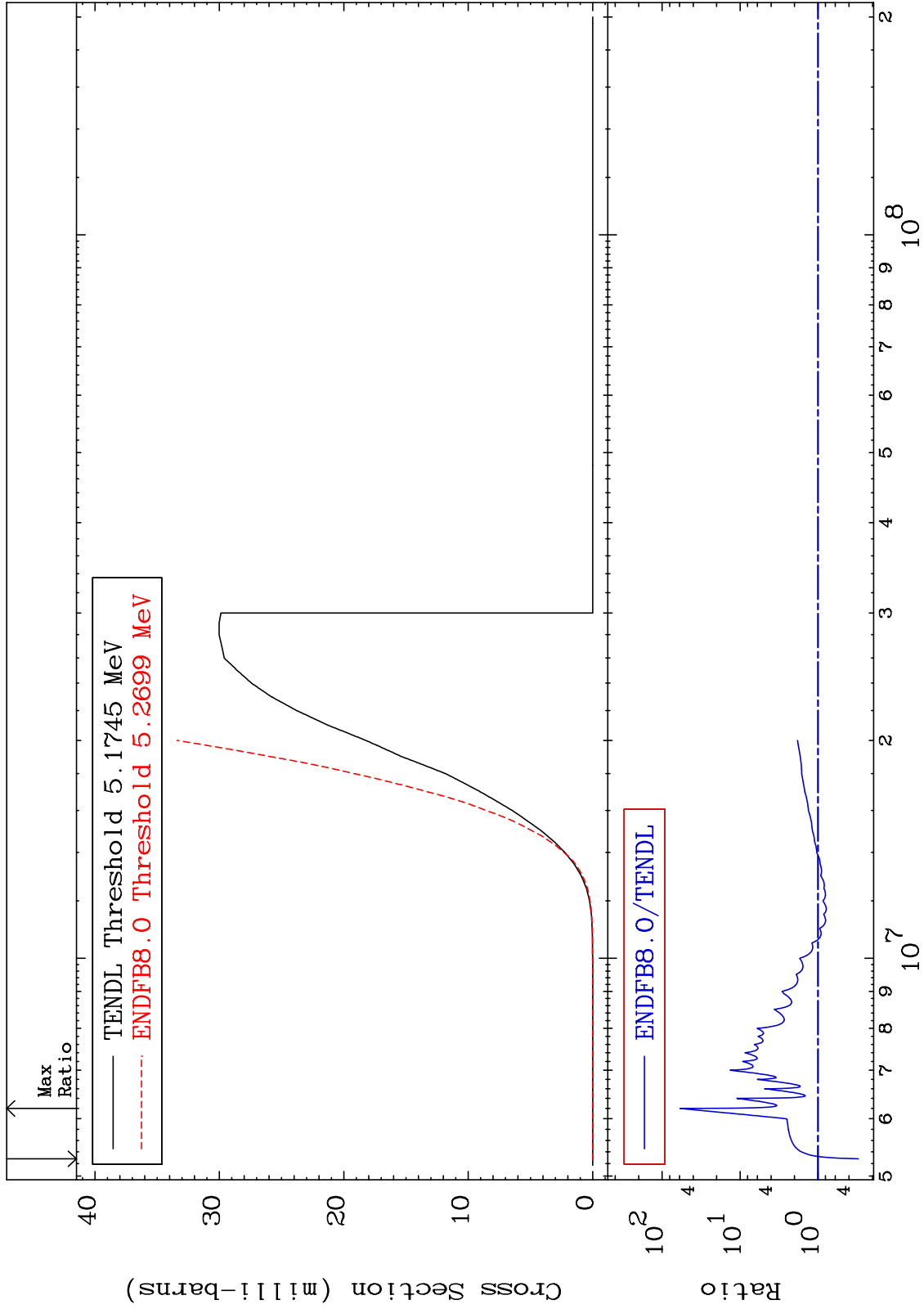
MAT 4825

(n, d)

48-Cd-106

Cross Section

-69.73 To 5799. %



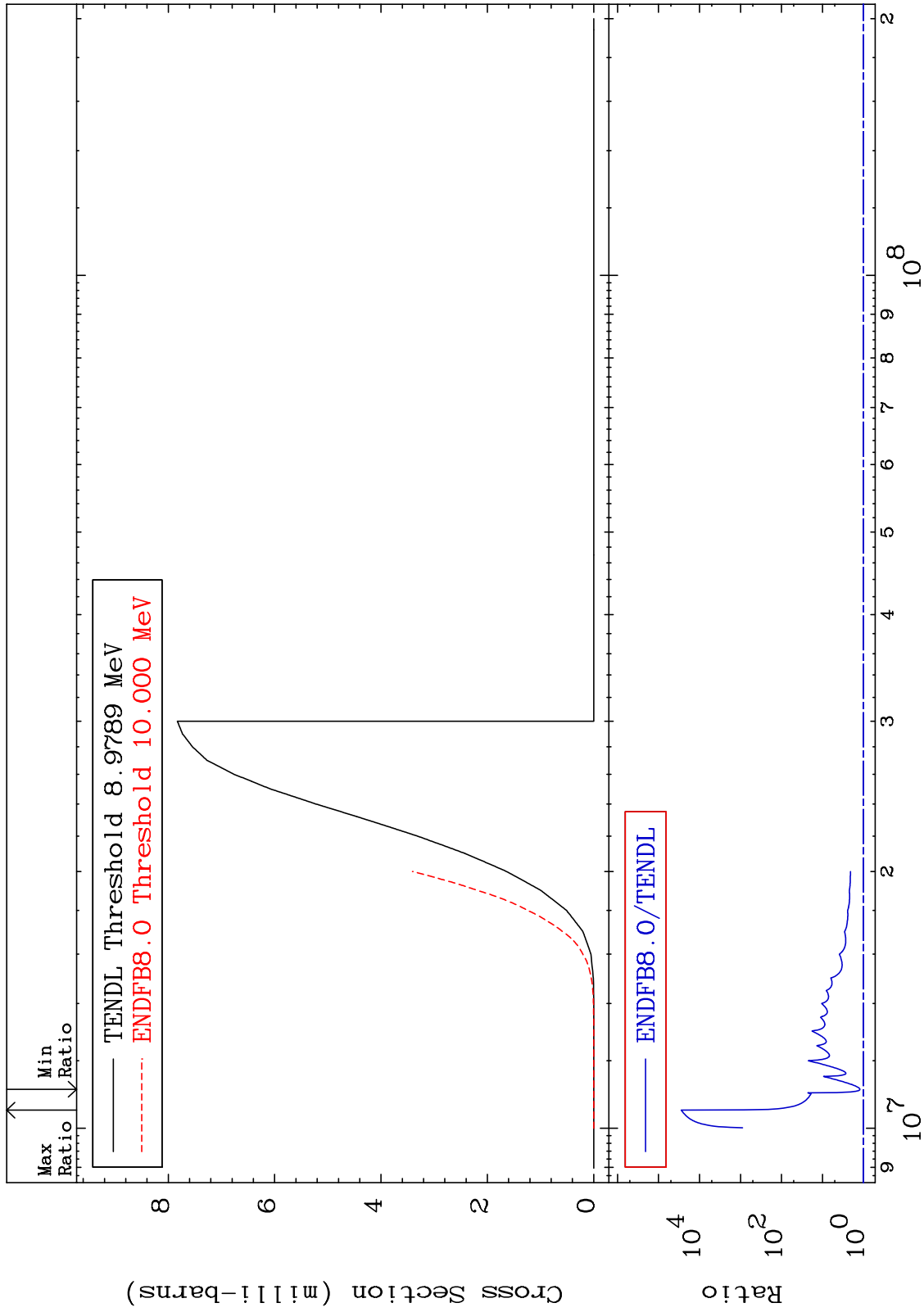
MAT 4825

(n, t)

48-Cd-106

Cross Section

21.50 To 9999. %



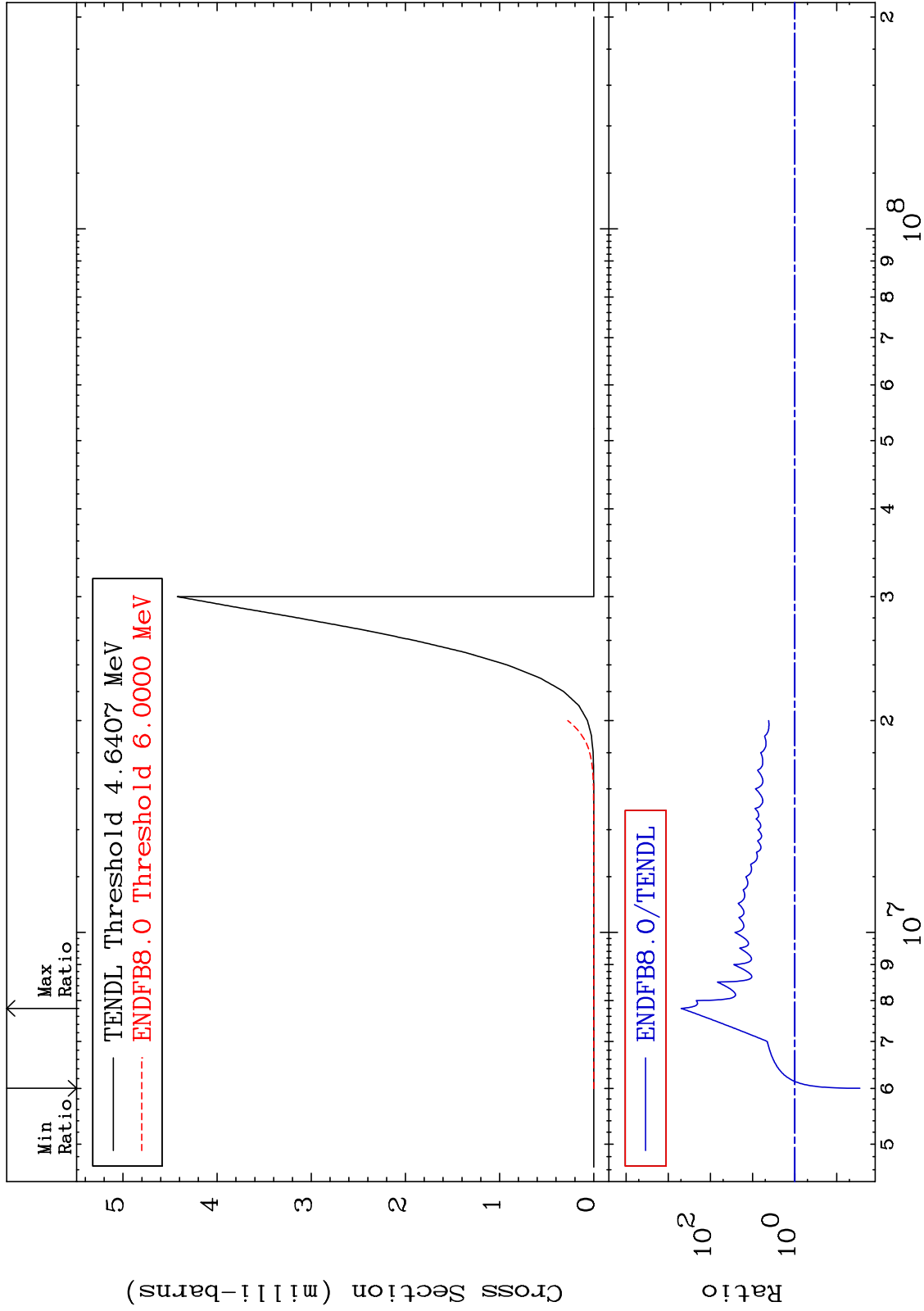
MAT 4825

(n, He-3)

48-Cd-106

Cross Section

-97.17 To 9999. %



25

48-Cd-106

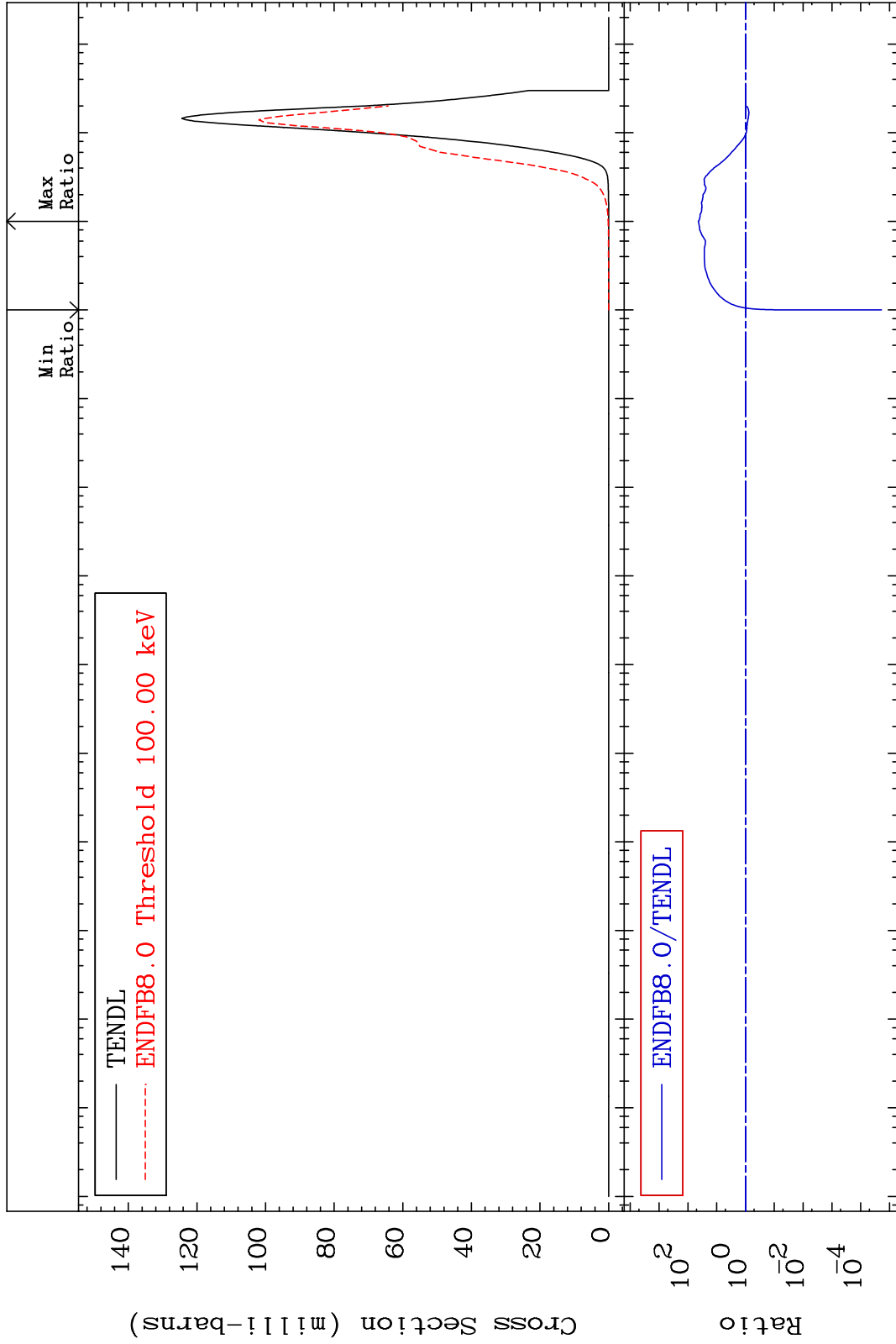
MAT 4825

(n, α)

48-Cd-106

Cross Section

-100.0 To 4228. %



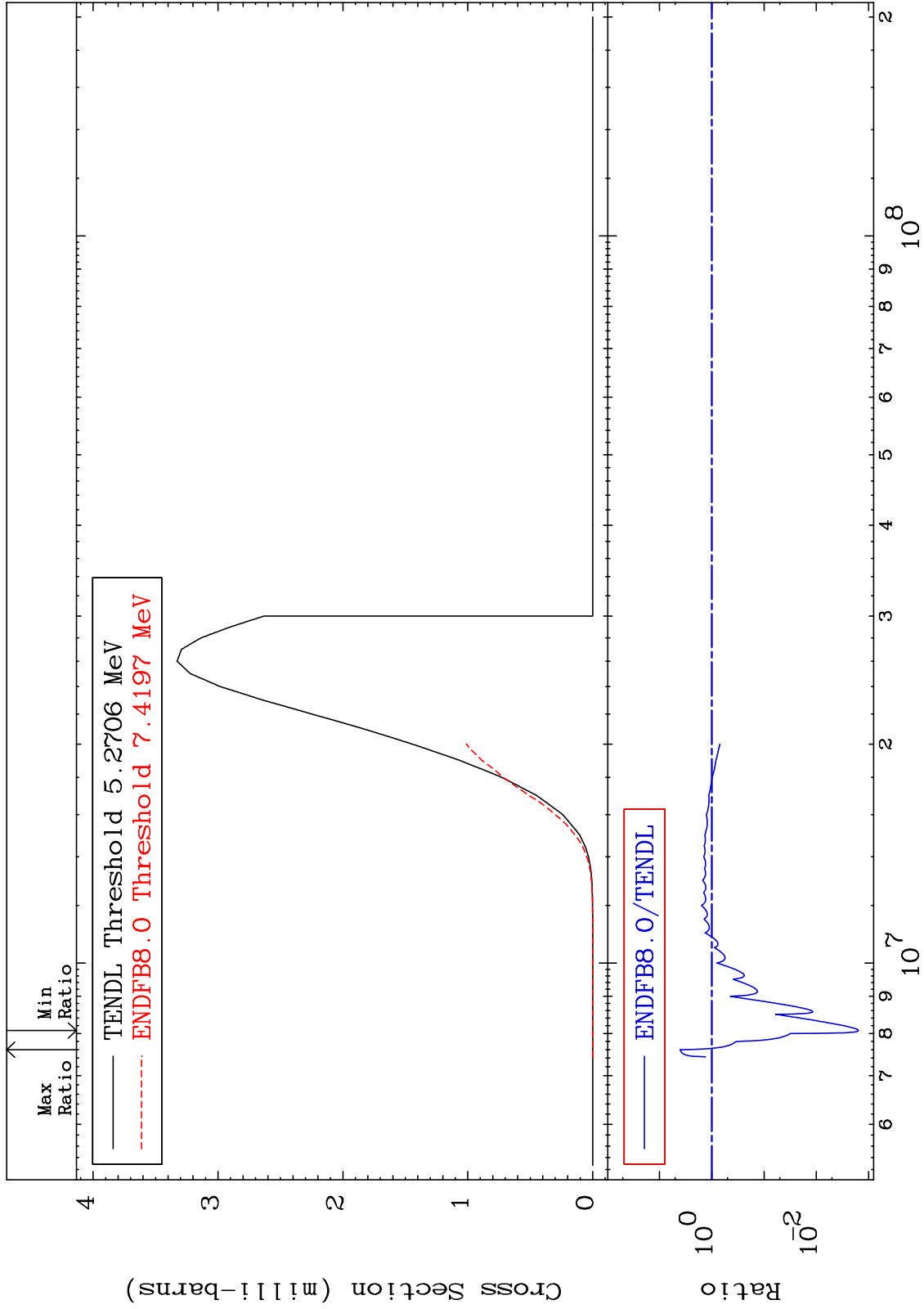
MAT 4825

(n,2p)

48-Cd-106

Cross Section

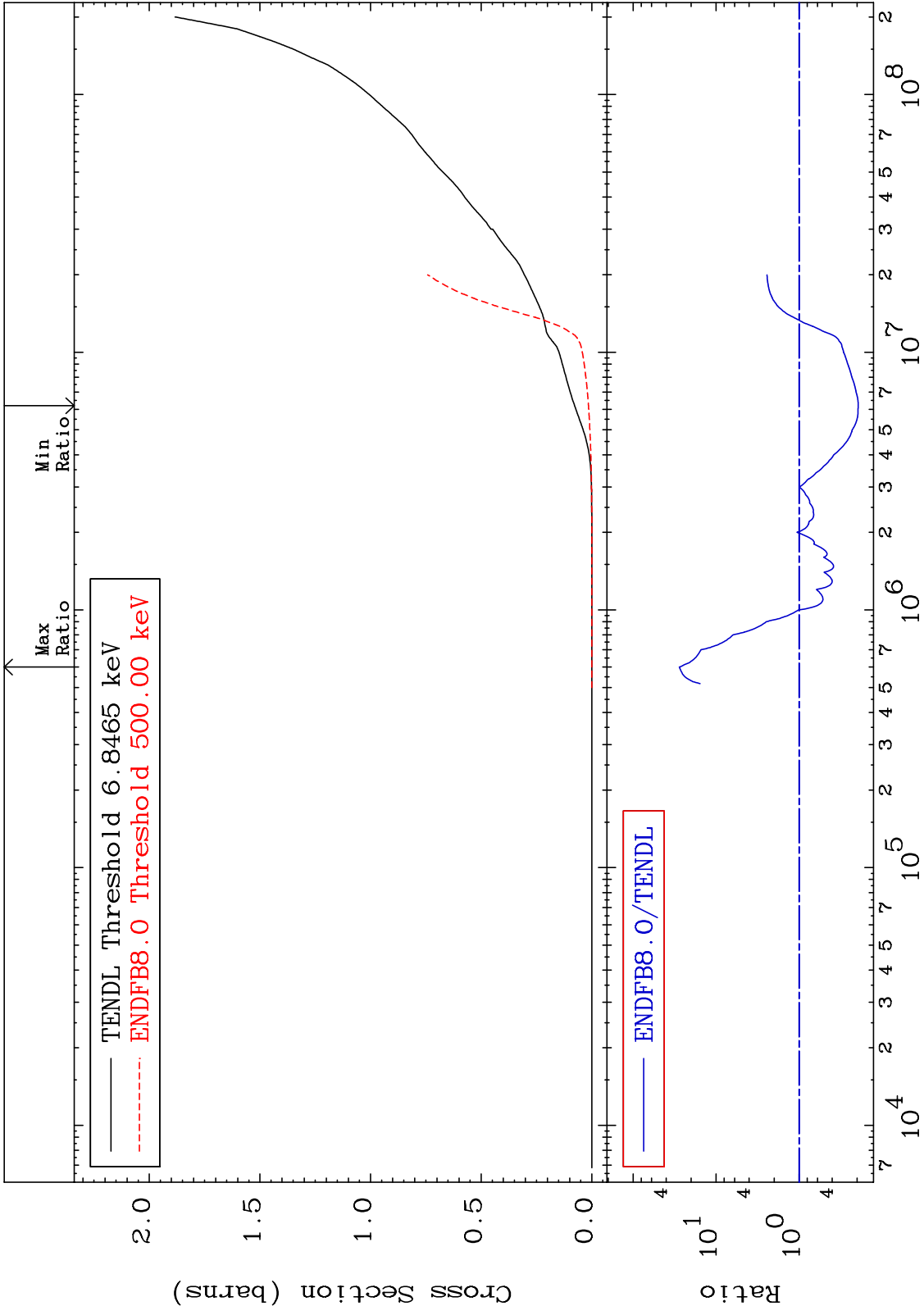
-99.84 To 304.3 %



MAT 4825

Hydrogen Production
Cross Section

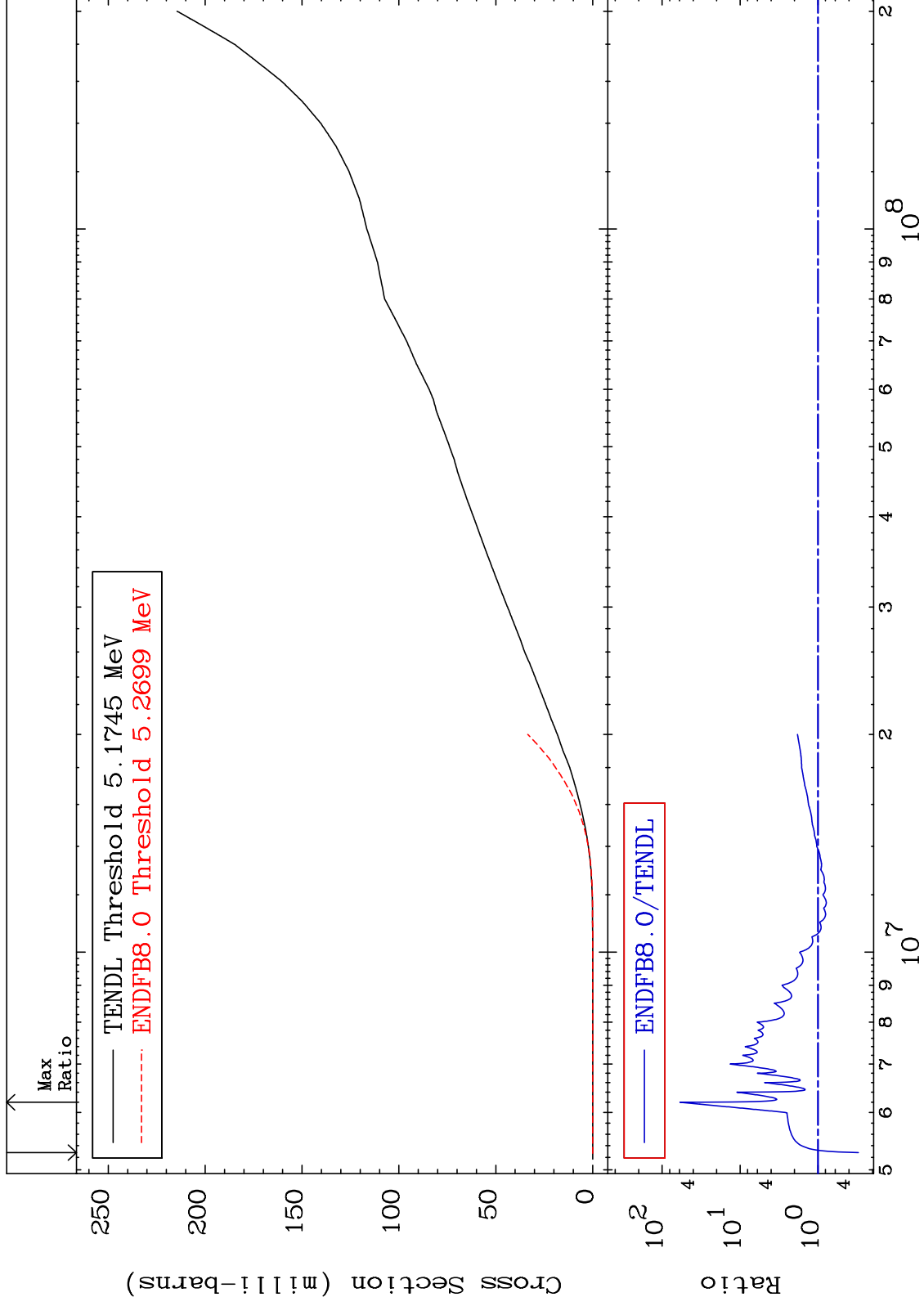
48-Cd-106
-80.64 To 2674. %



MAT 4825

Deuterium Production
Cross Section

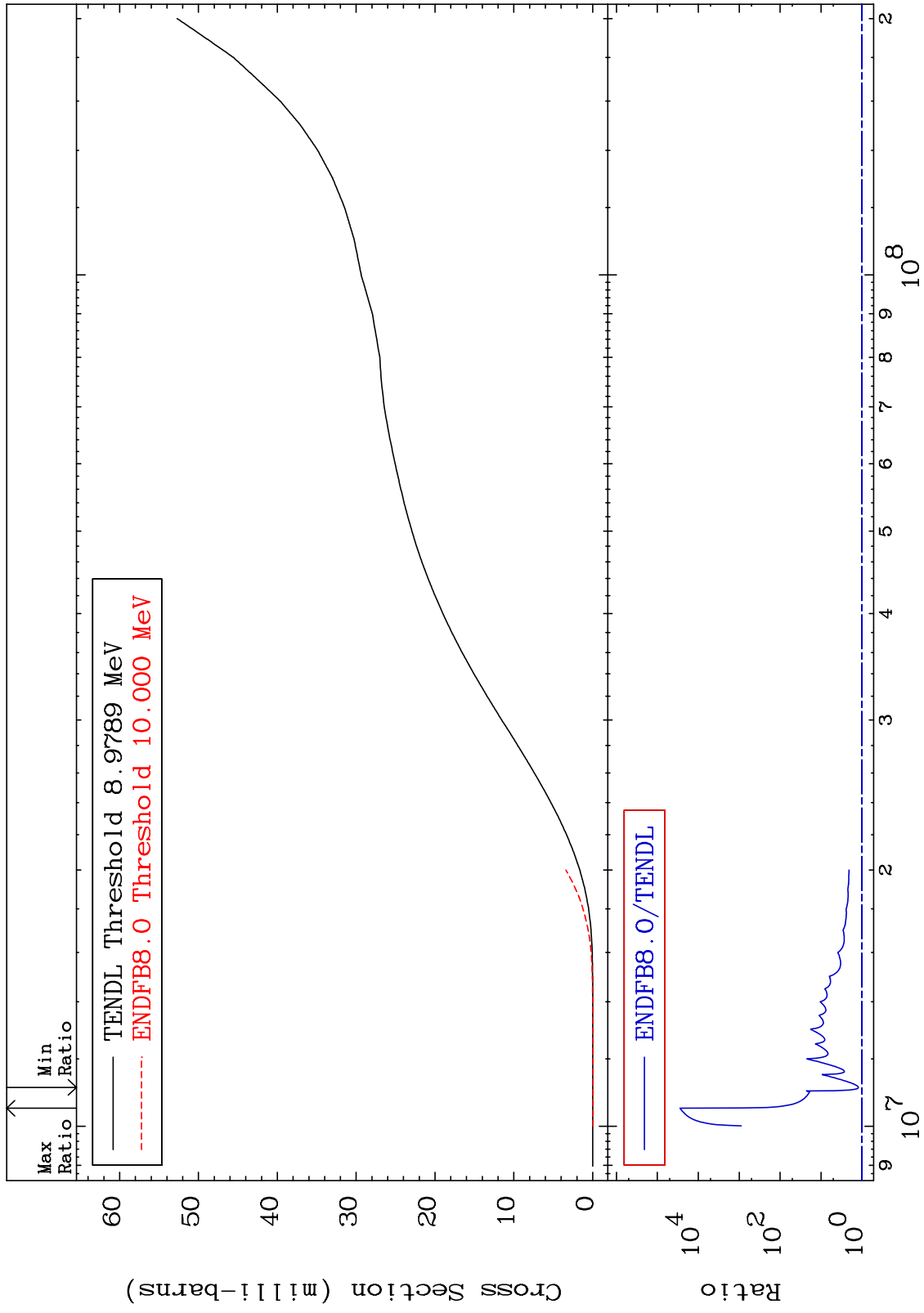
48-Cd-106
-69.73 To 5799. %



MAT 4825

Tritium Production
Cross Section

48-Cd-106
21.50 To 9999. %



48-Cd-106

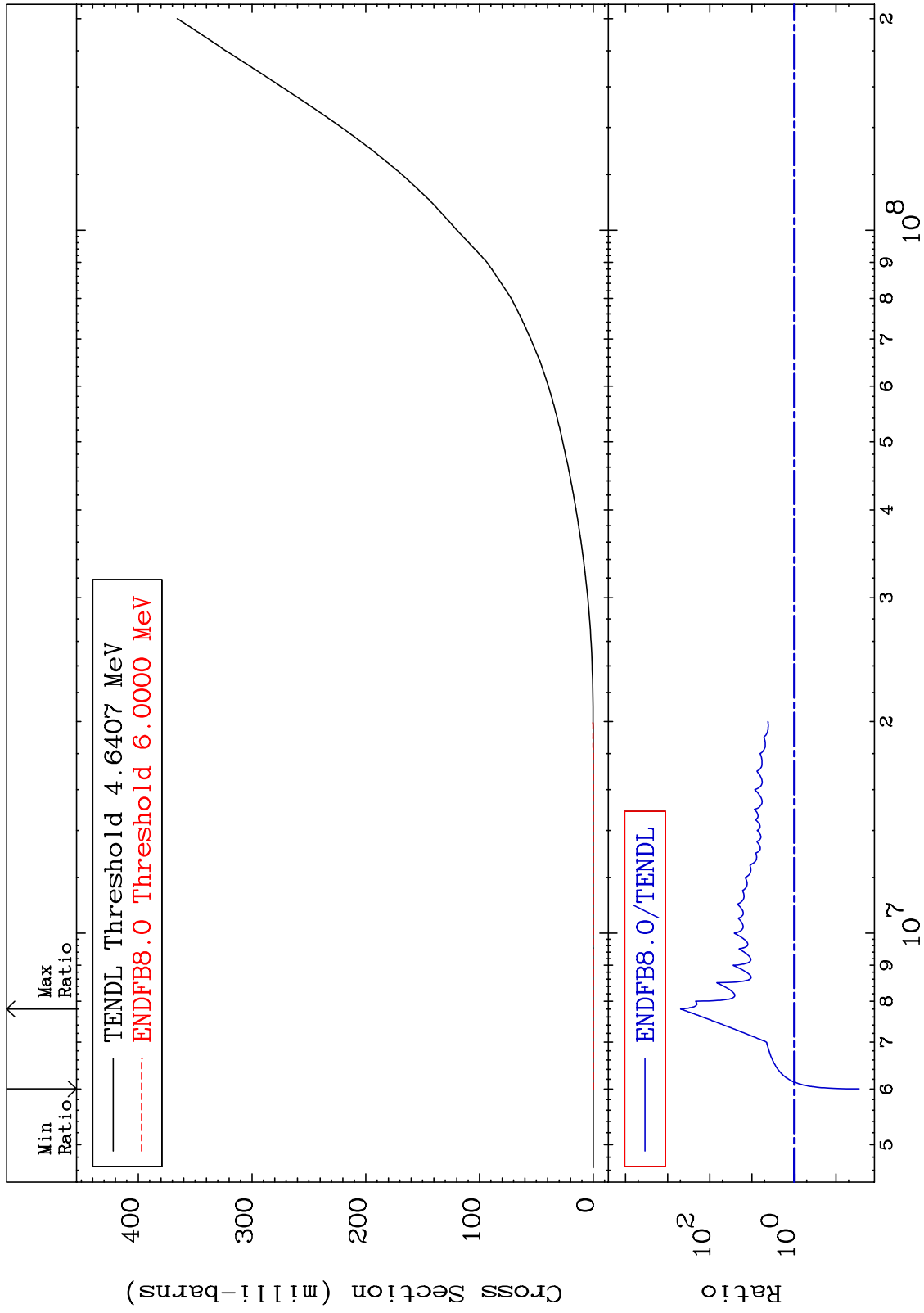
Incident Energy (eV)

30

MAT 4825

He-3 Production
Cross Section

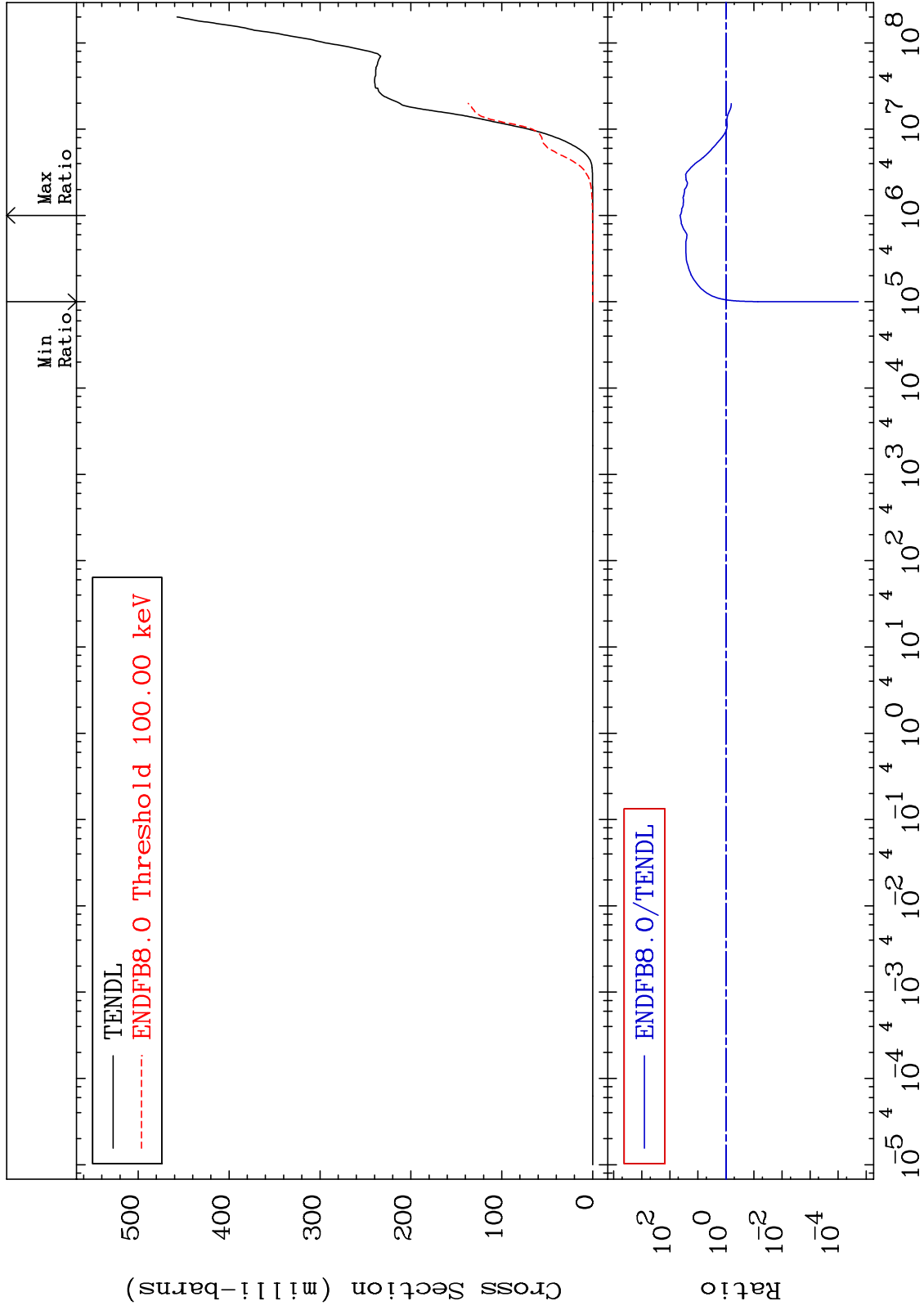
48-Cd-106
-97.17 To 9999. %



MAT 4825

He-4 Production
Cross Section

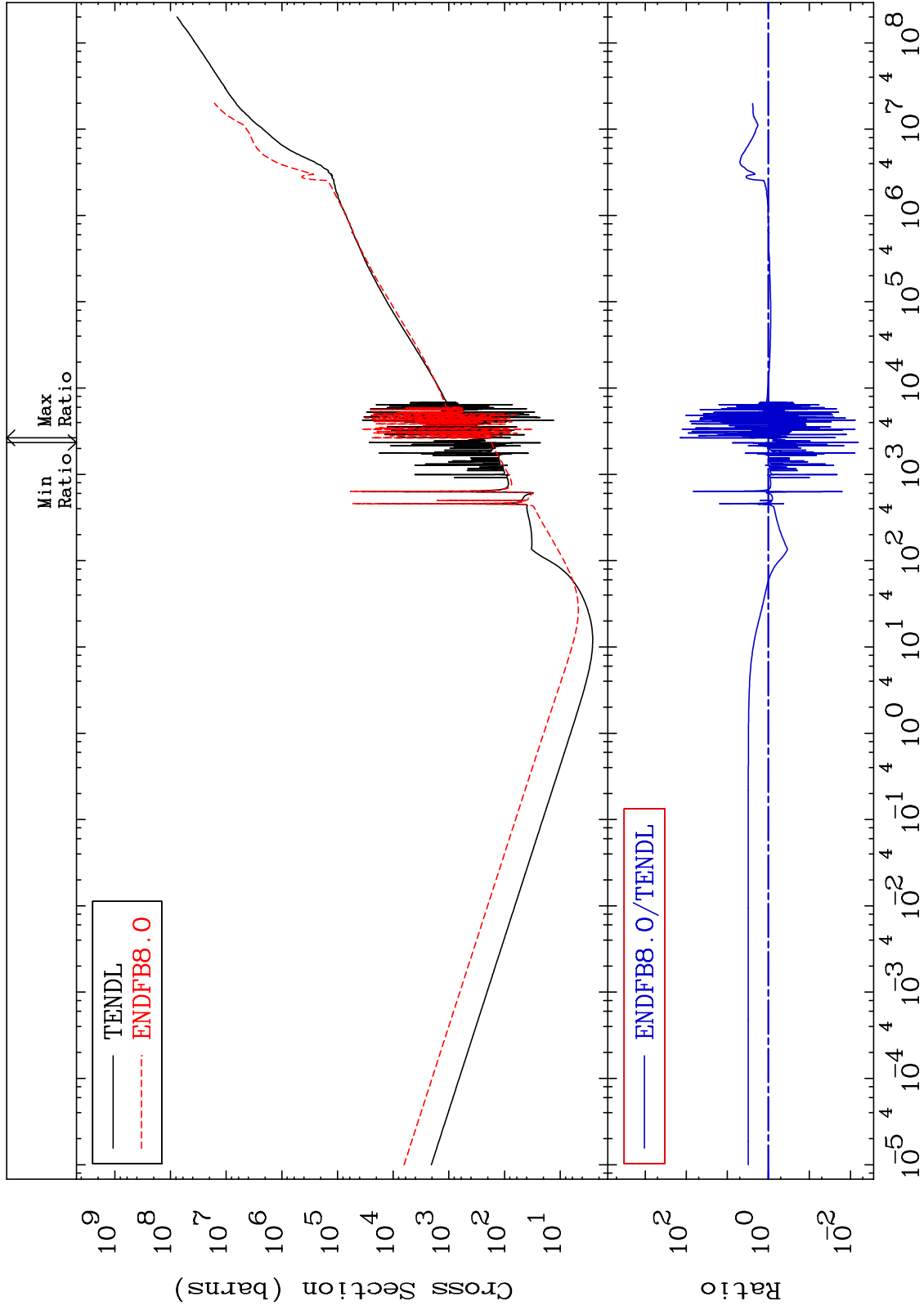
48-Cd-106
-100.0 To 4228. %



MAT 4825

Kerma total (eV-barns)
Cross Section

48-Cd-106
-99.36 To 9999. %



33

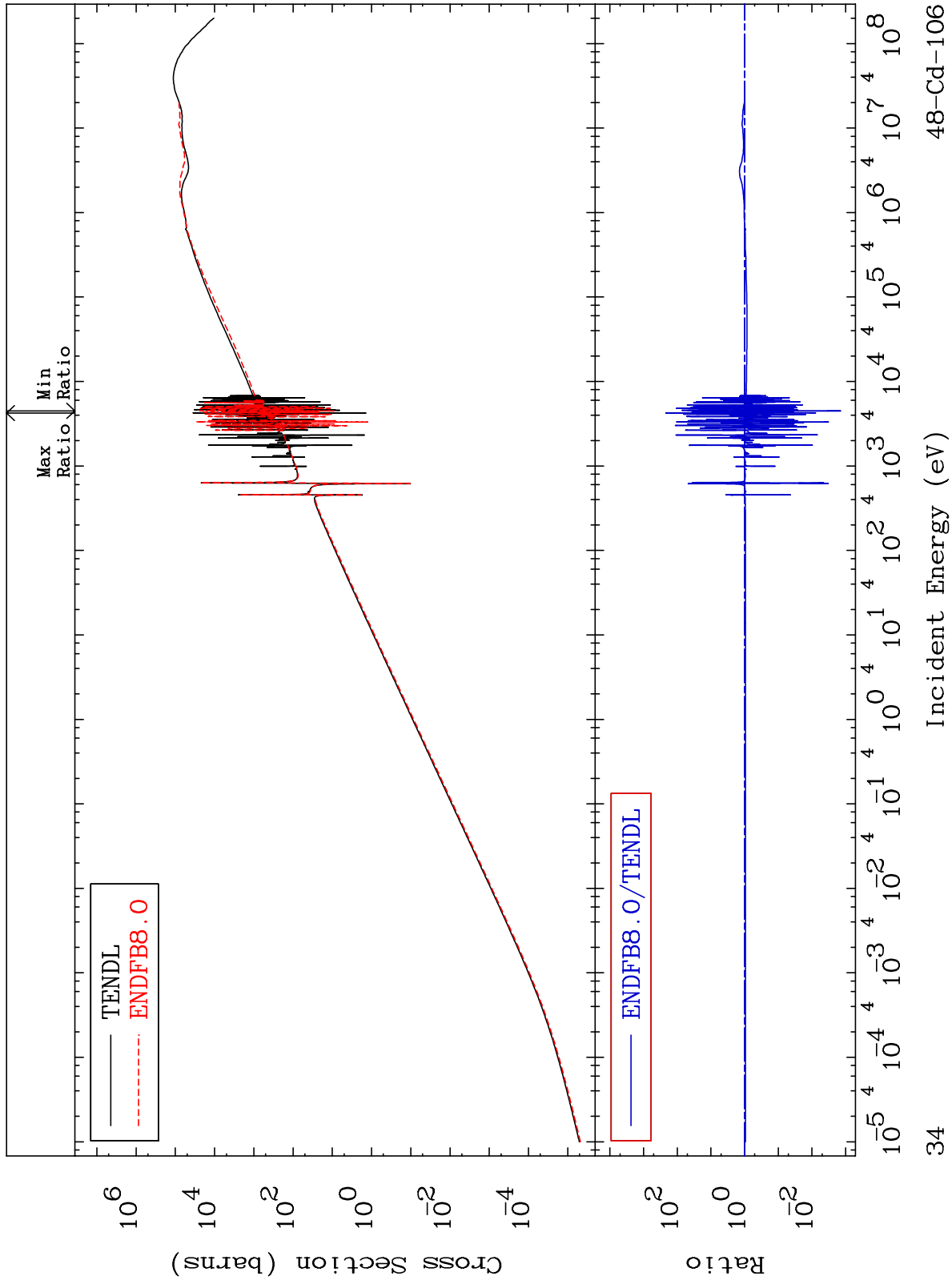
Incident Energy (eV)

48-Cd-106

MAT 4825

Kerma elastic
Cross Section

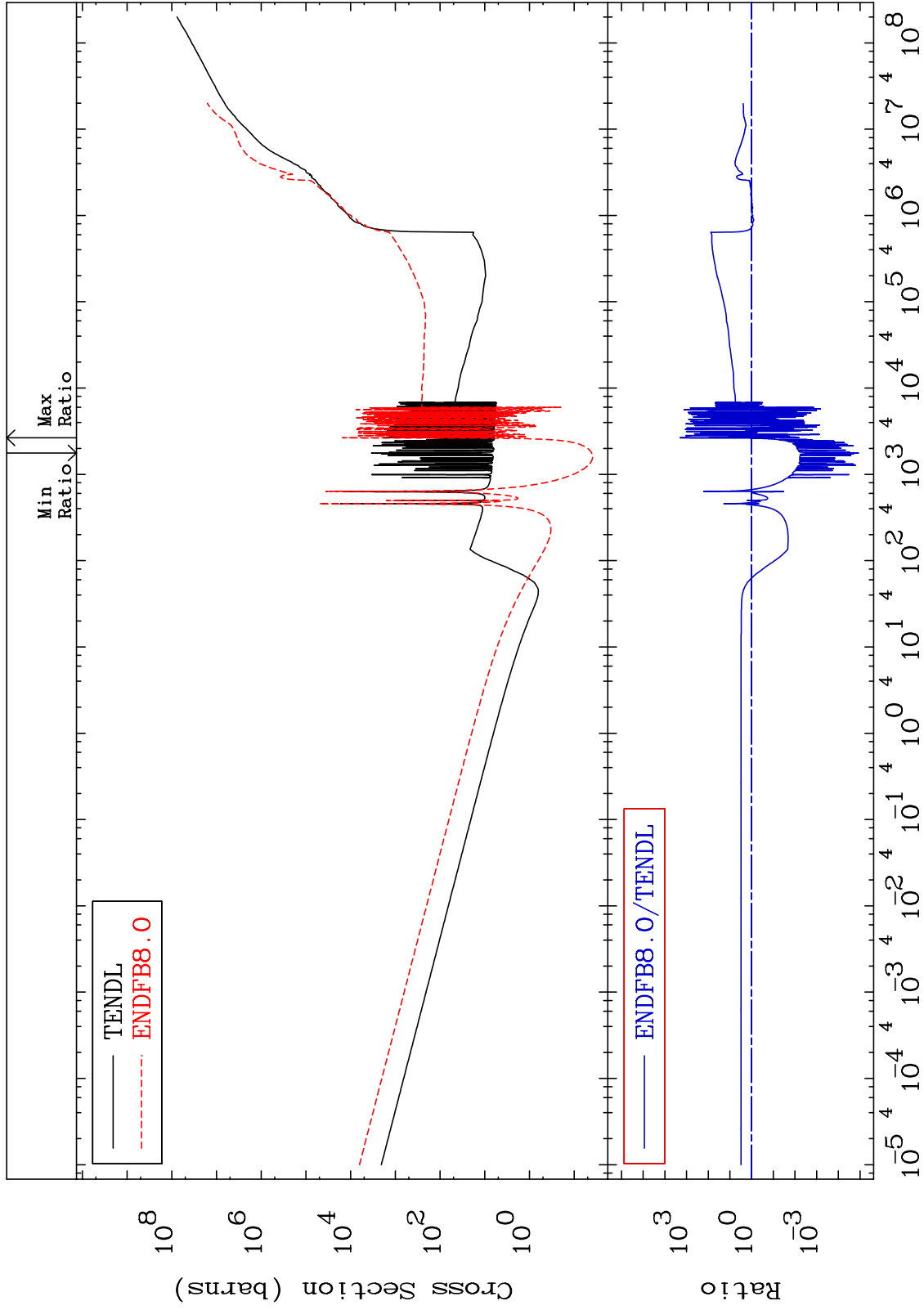
48-Cd-106
-99.86 To 9999. %



MAT 4825

Kerma non-elastic (all but mt2)
Cross Section

48-Cd-106
-100.0 To 9999. %



35

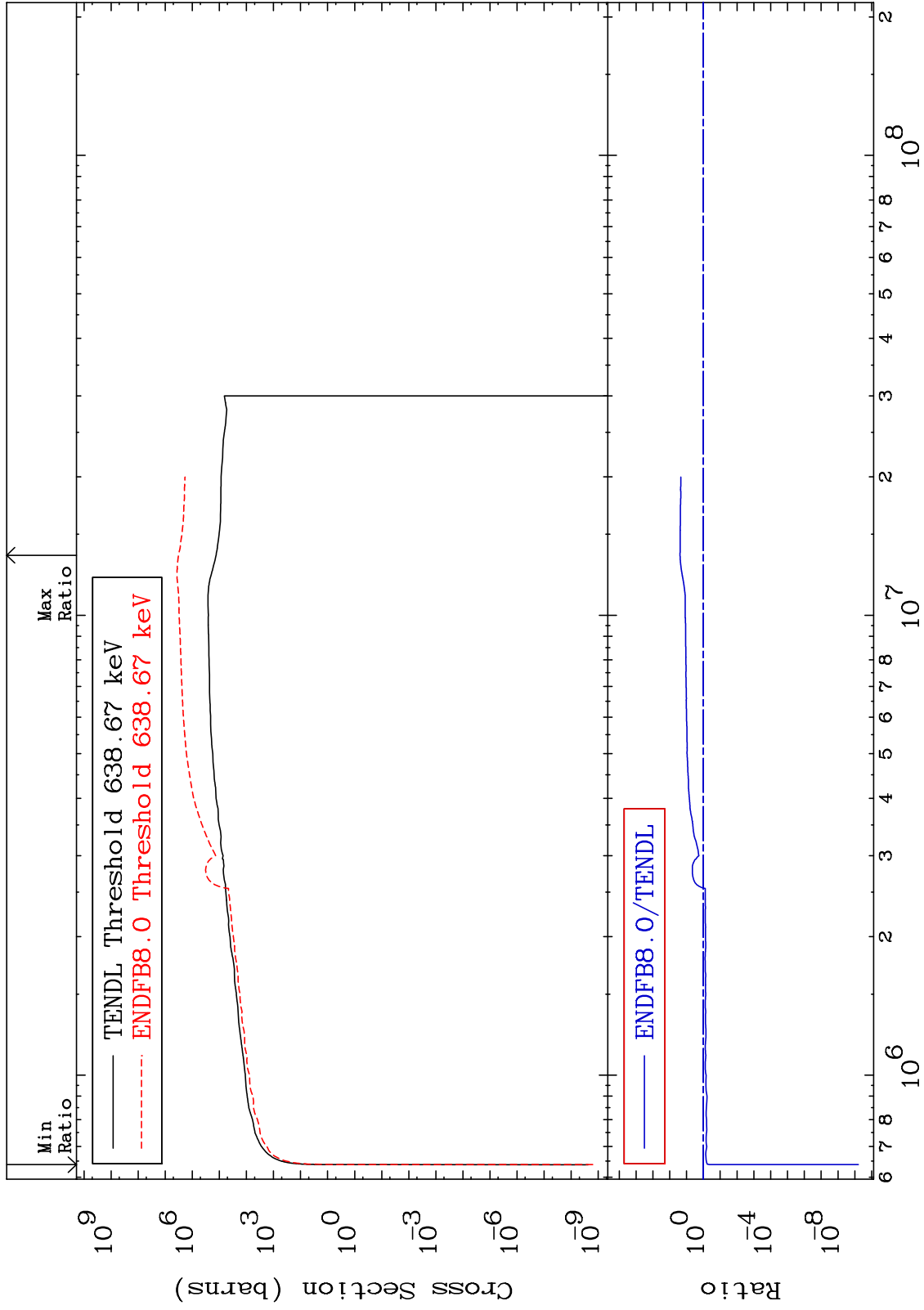
Incident Energy (eV)

48-Cd-106

MAT 4825

Kerma inelastic (mt51-91)
Cross Section

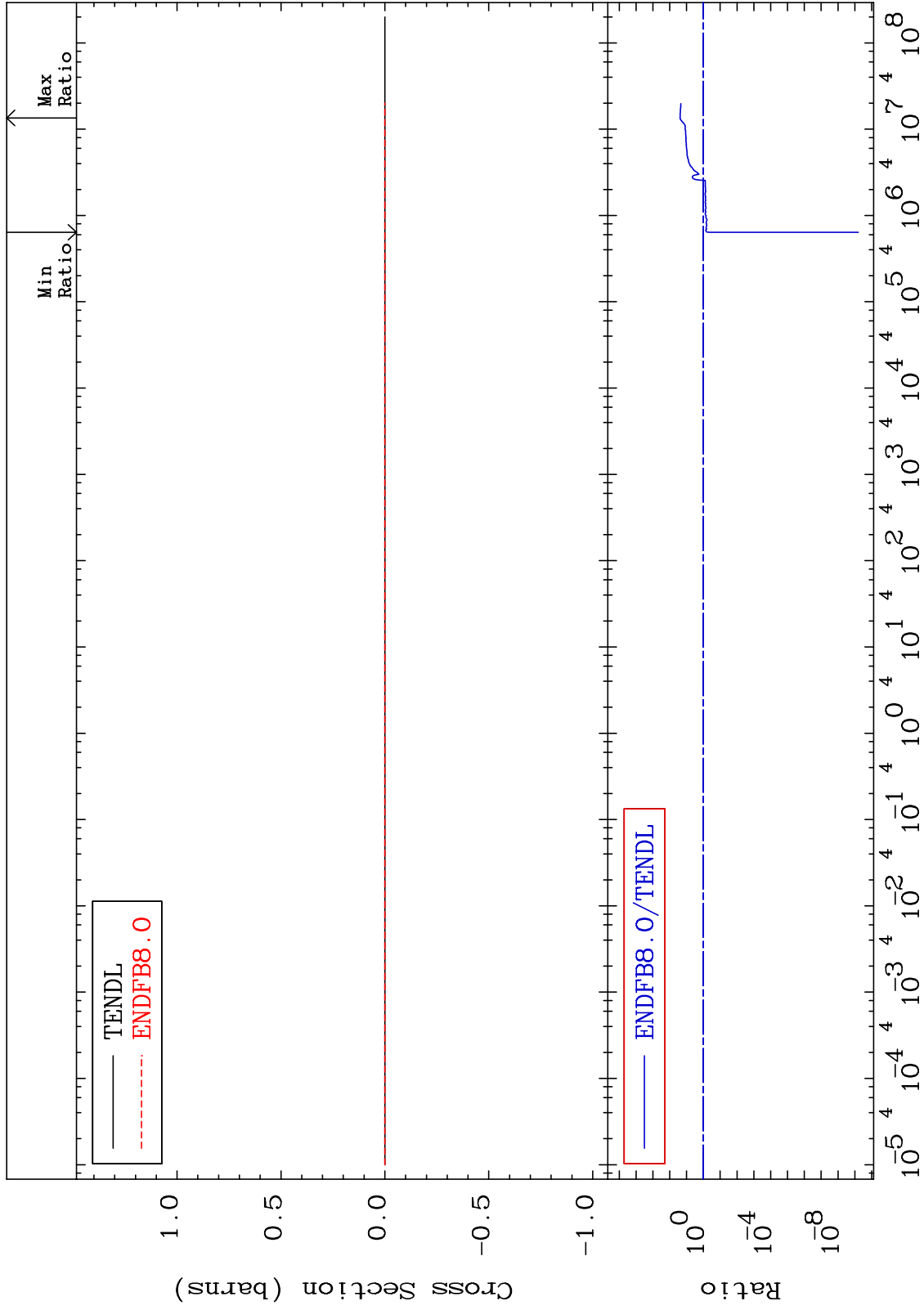
48-Cd-106
-100.0 To 2337. %



MAT 4825

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

48-Cd-106
-100.0 To 2337. %



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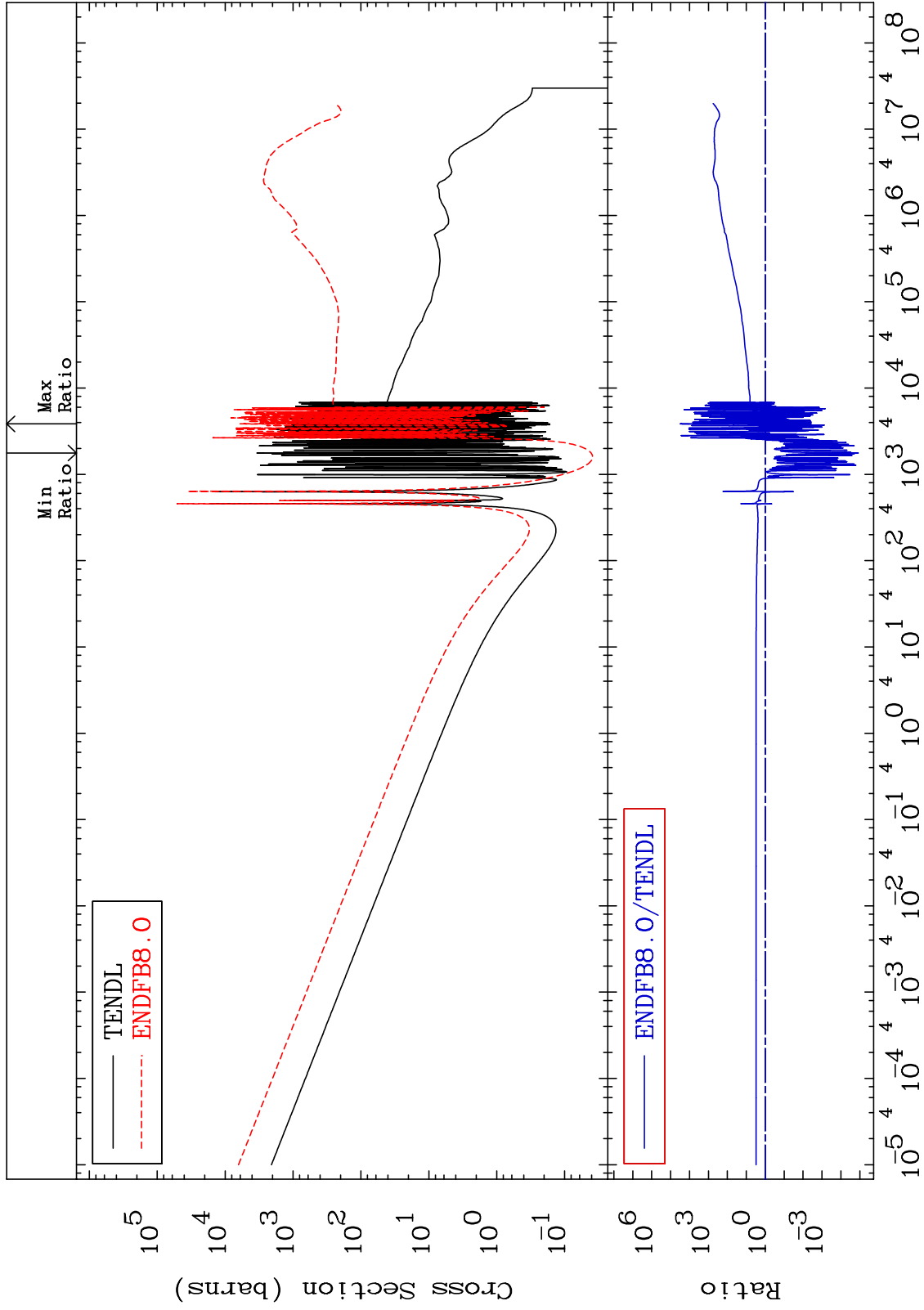
Incident Energy (eV)

48-Cd-106

MAT 4825

Kerma capture (mt102)
Cross Section

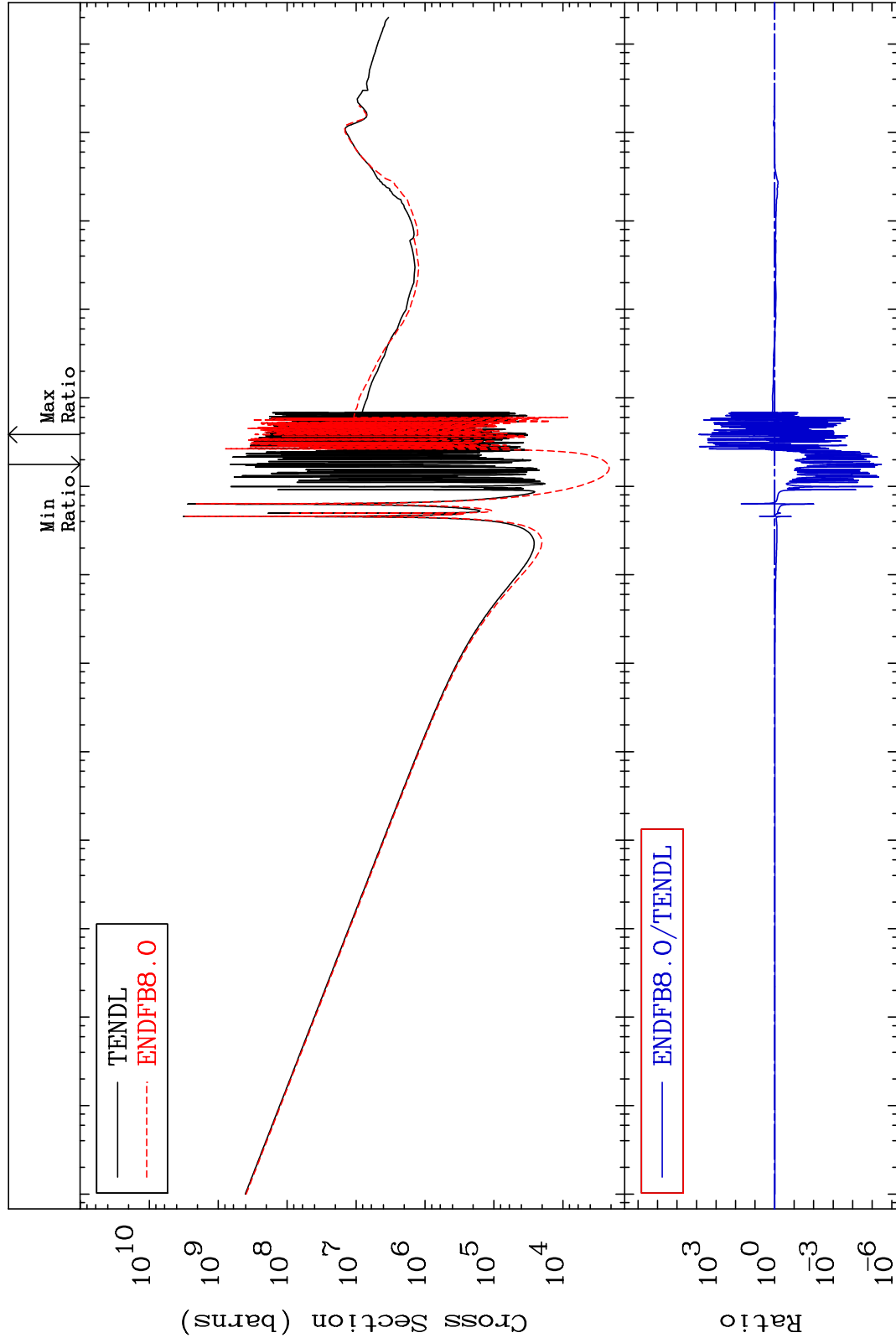
48-Cd-106
-100.0 To 9999. %



MAT 4825

Total photon (eV-barns)
Cross Section

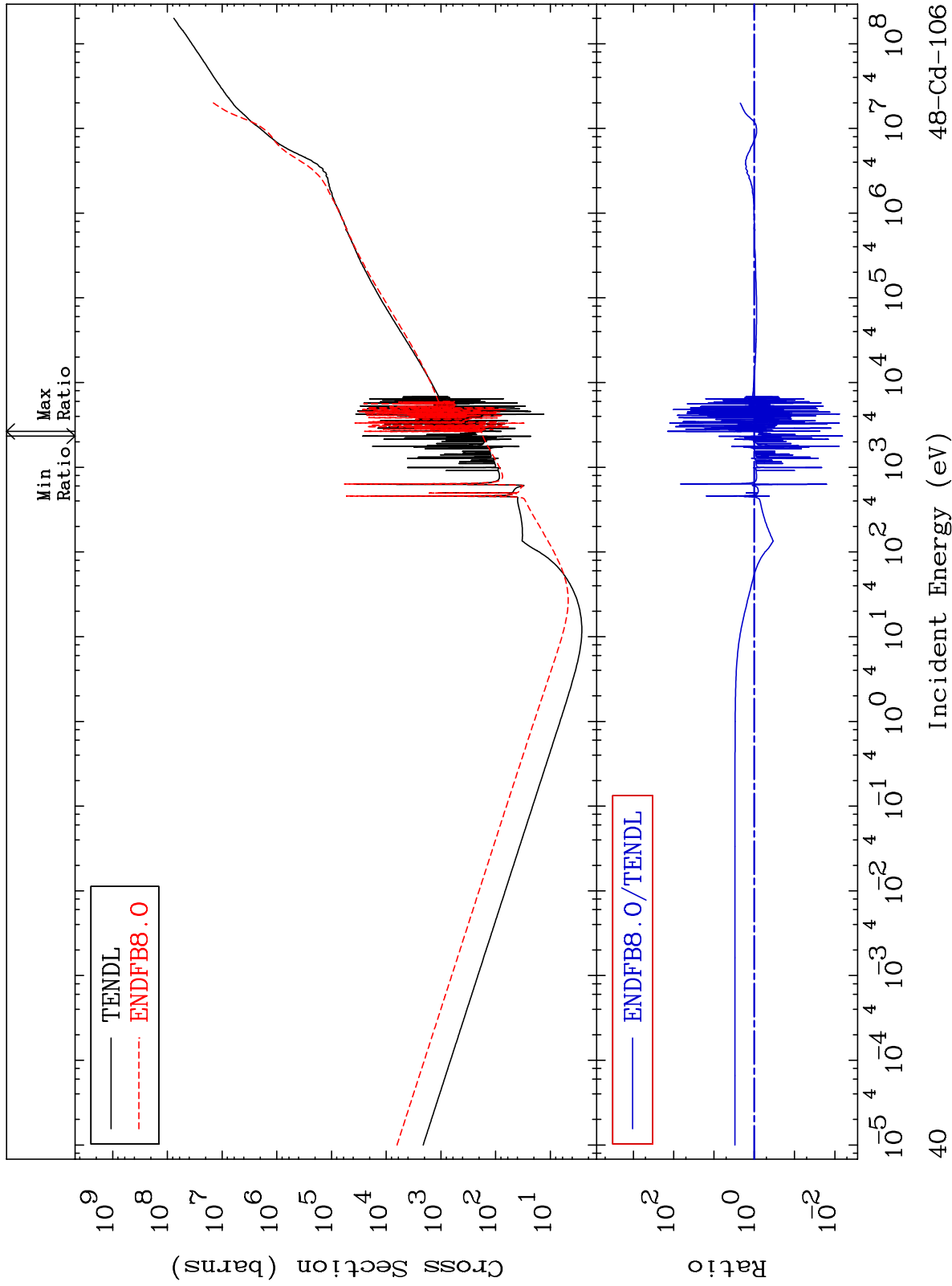
48-Cd-106
-100.0 To 9999. %



MAT 4825

Total kinematic kerma (high limit)
Cross Section

48-Cd-106
-99.36 To 9999. %



40

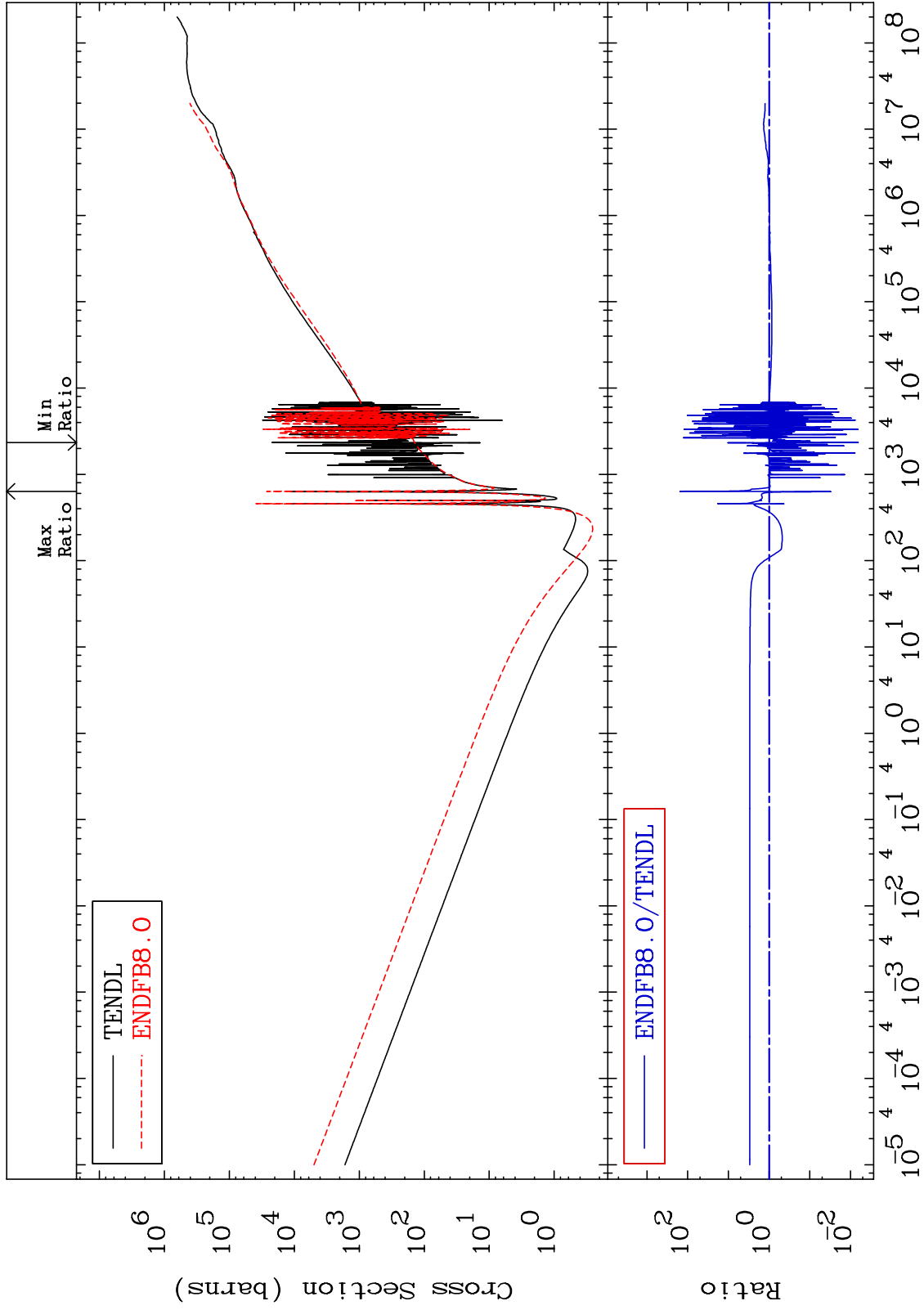
Incident Energy (eV)

48-Cd-106

MAT 4825

Dpa total (eV-barns)
Cross Section

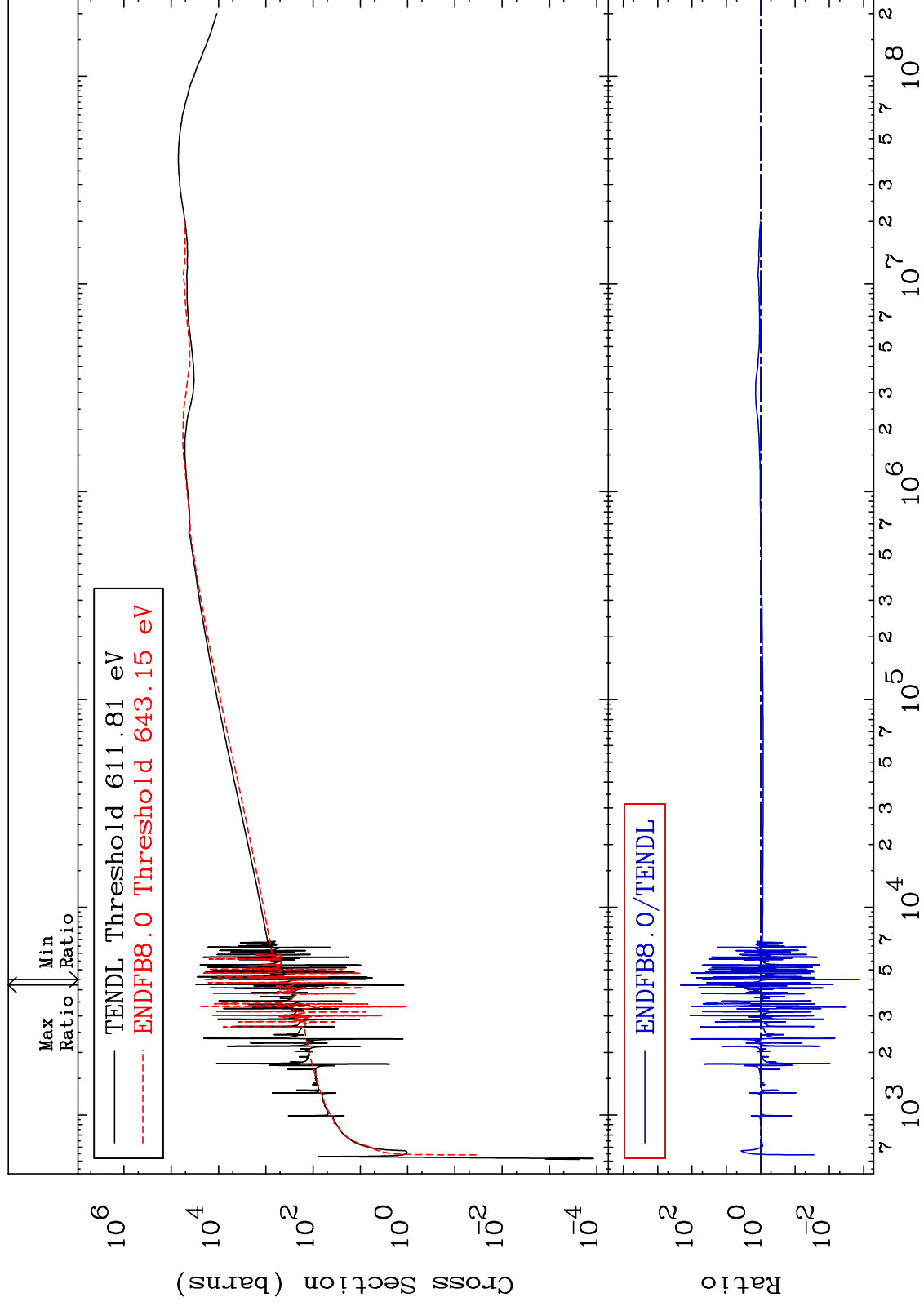
48-Cd-106
-99.36 To 9999. %



MAT 4825

Dpa elastic (mt2)
Cross Section

48-Cd-106
-99.86 To 9999. %



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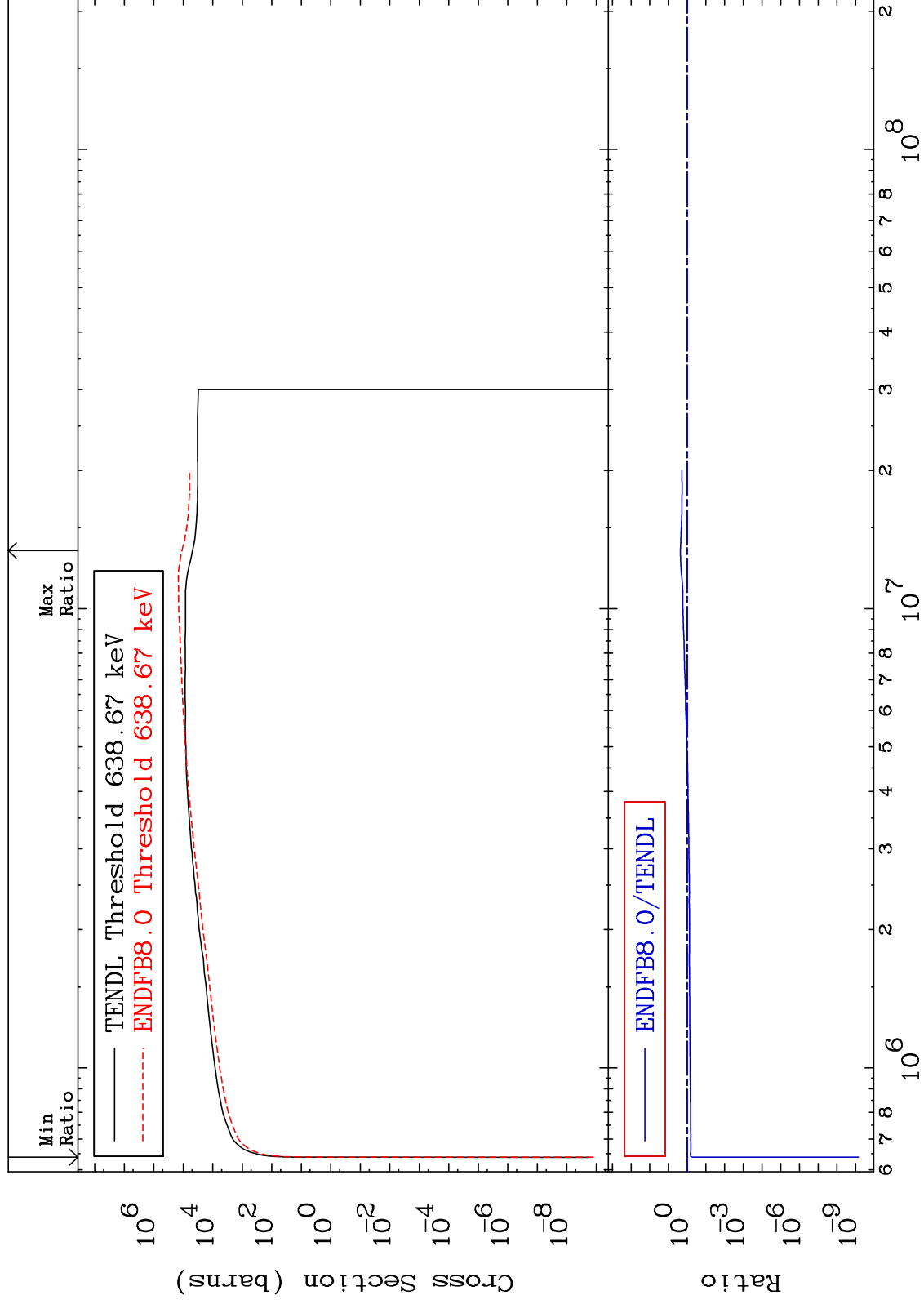
48-Cd-106

48-Cd-106

MAT 4825

Dpa inelastic (mt51-91)
Cross Section

48-Cd-106
-100.0 To 129.6 %



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Incident Energy (eV)

48-Cd-106

MAT 4825

Dpa disappearance (mt102 -120)
Cross Section

48-Cd-106
-100.0 To 9999. %

