

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

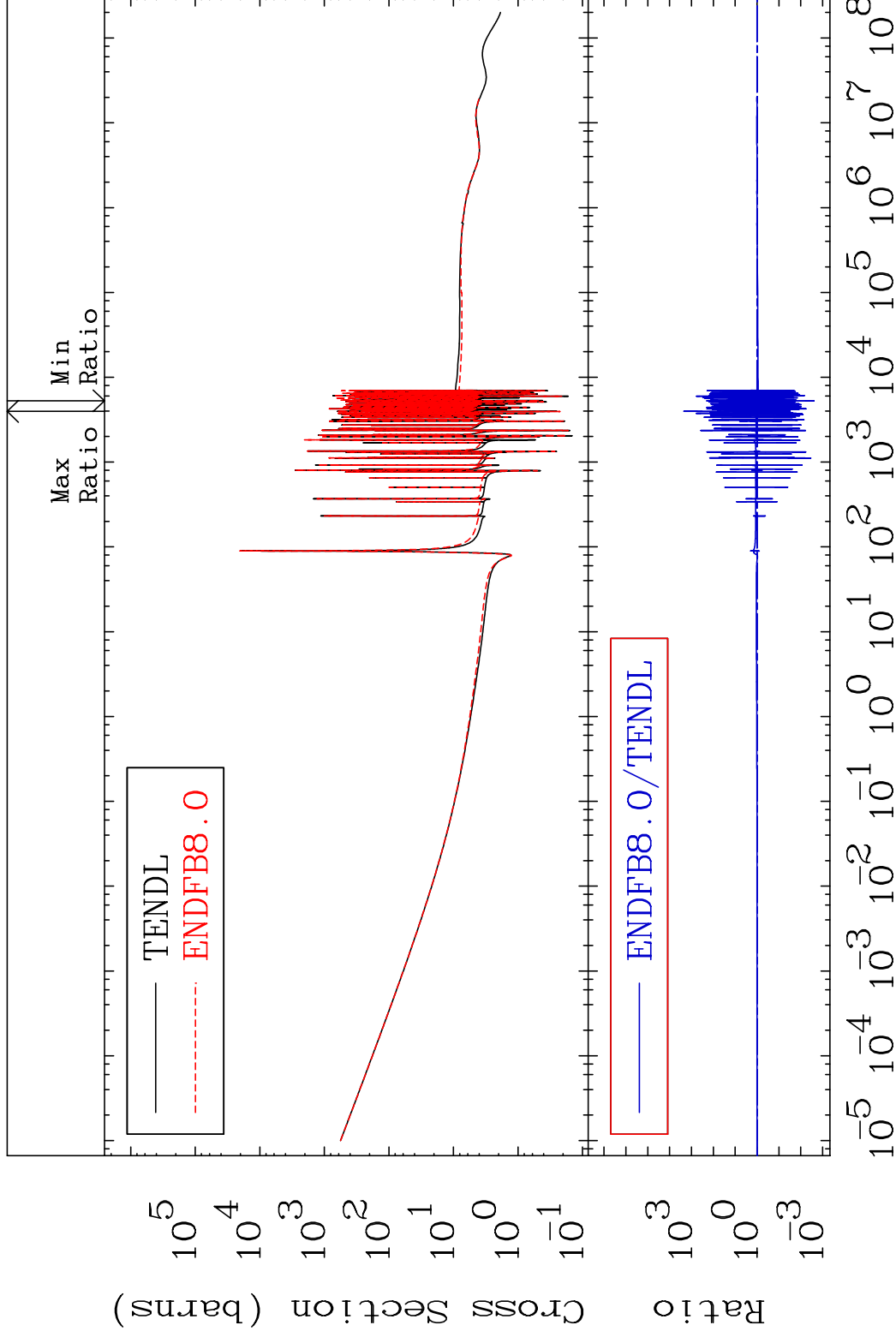
MAT 4837

Total

48-Cd-110

Cross Section

-99.76 To 9999. %



1

Incident Energy (eV)

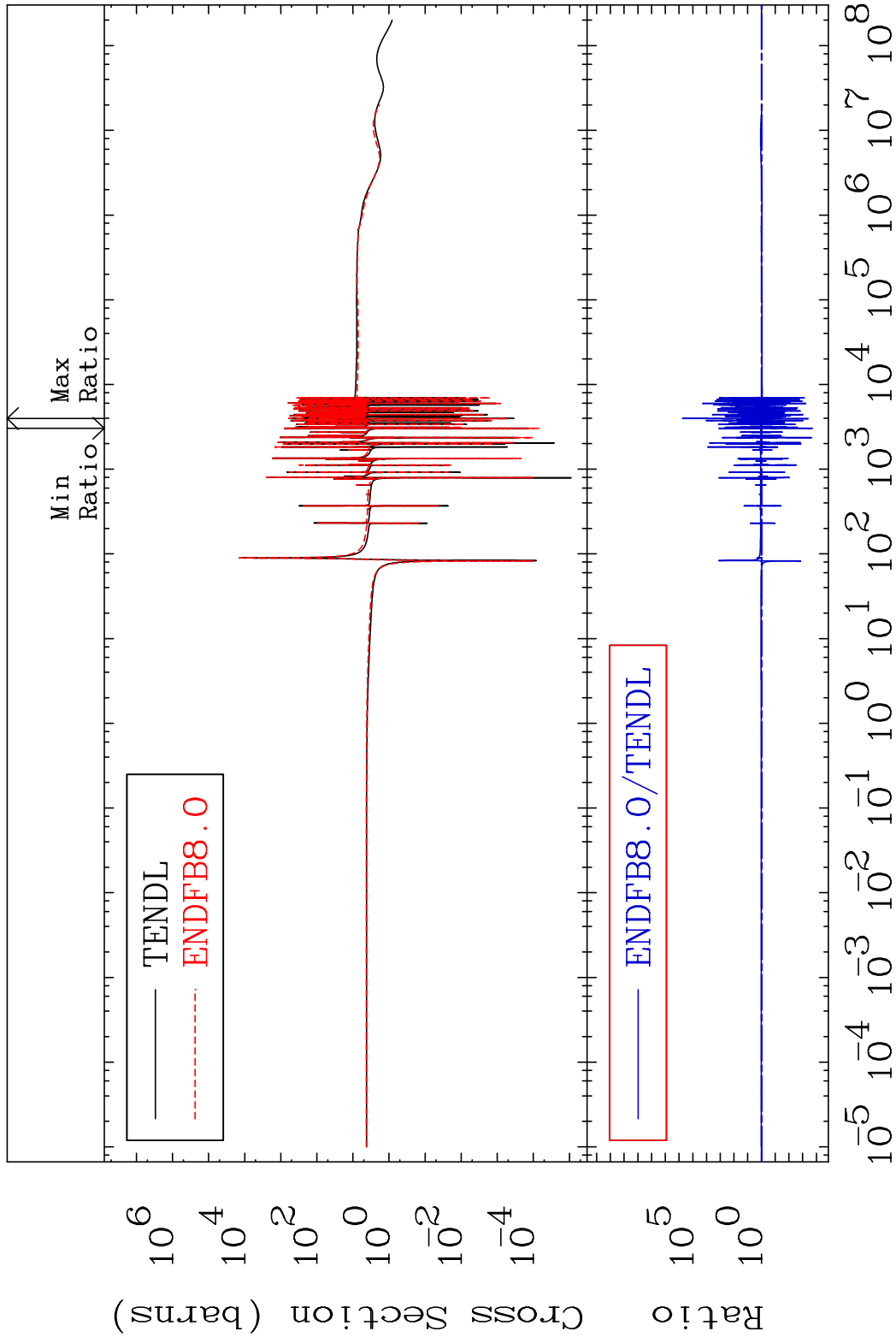
48-Cd-110

MAT 4837

Elastic

48-Cd-110

Cross Section -99.98 To 9999. %

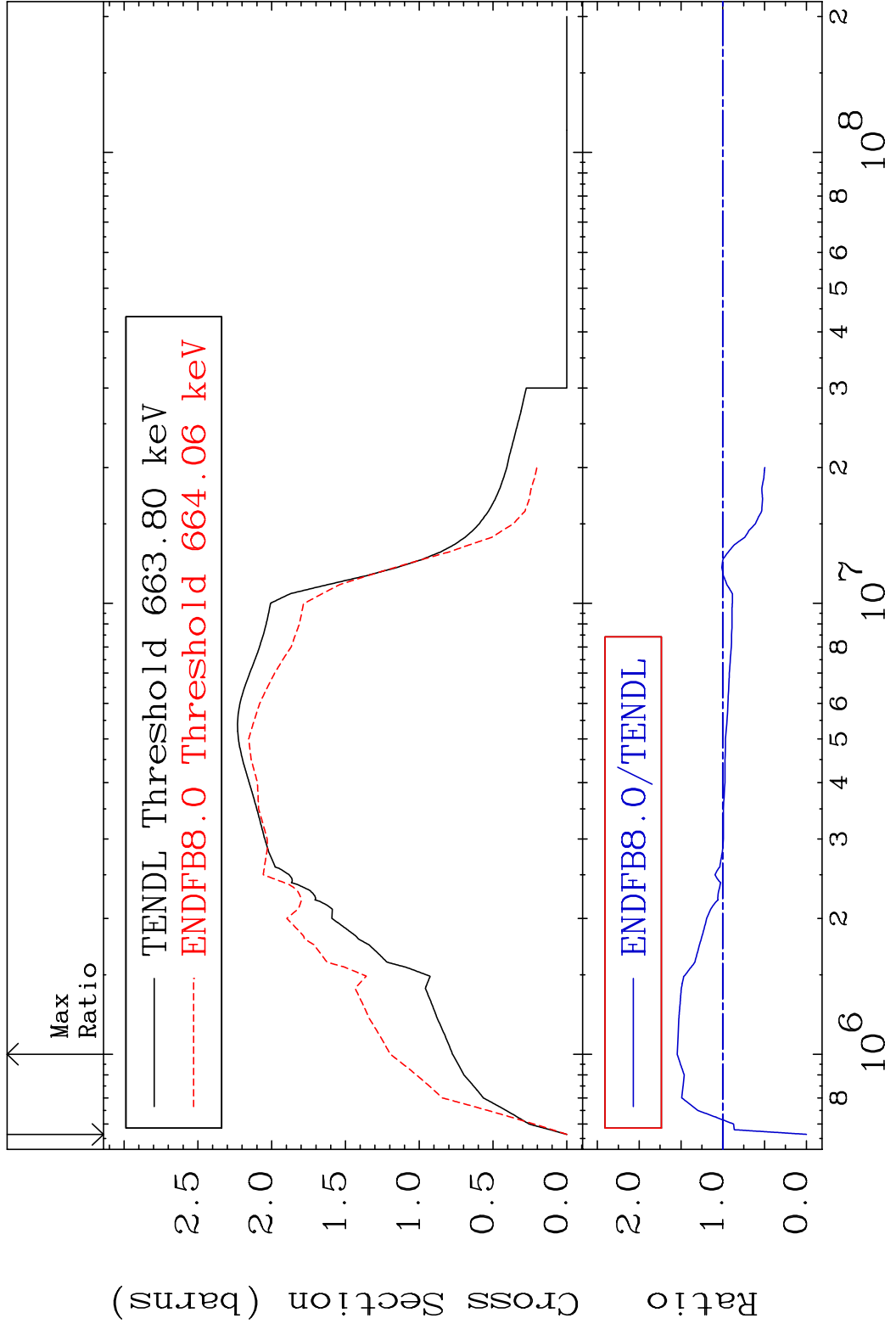


2

Incident Energy (eV)

48-Cd-110

MAT 4837 Inelastic 48-Cd-110
 Cross Section -100.0 To 54.56 %

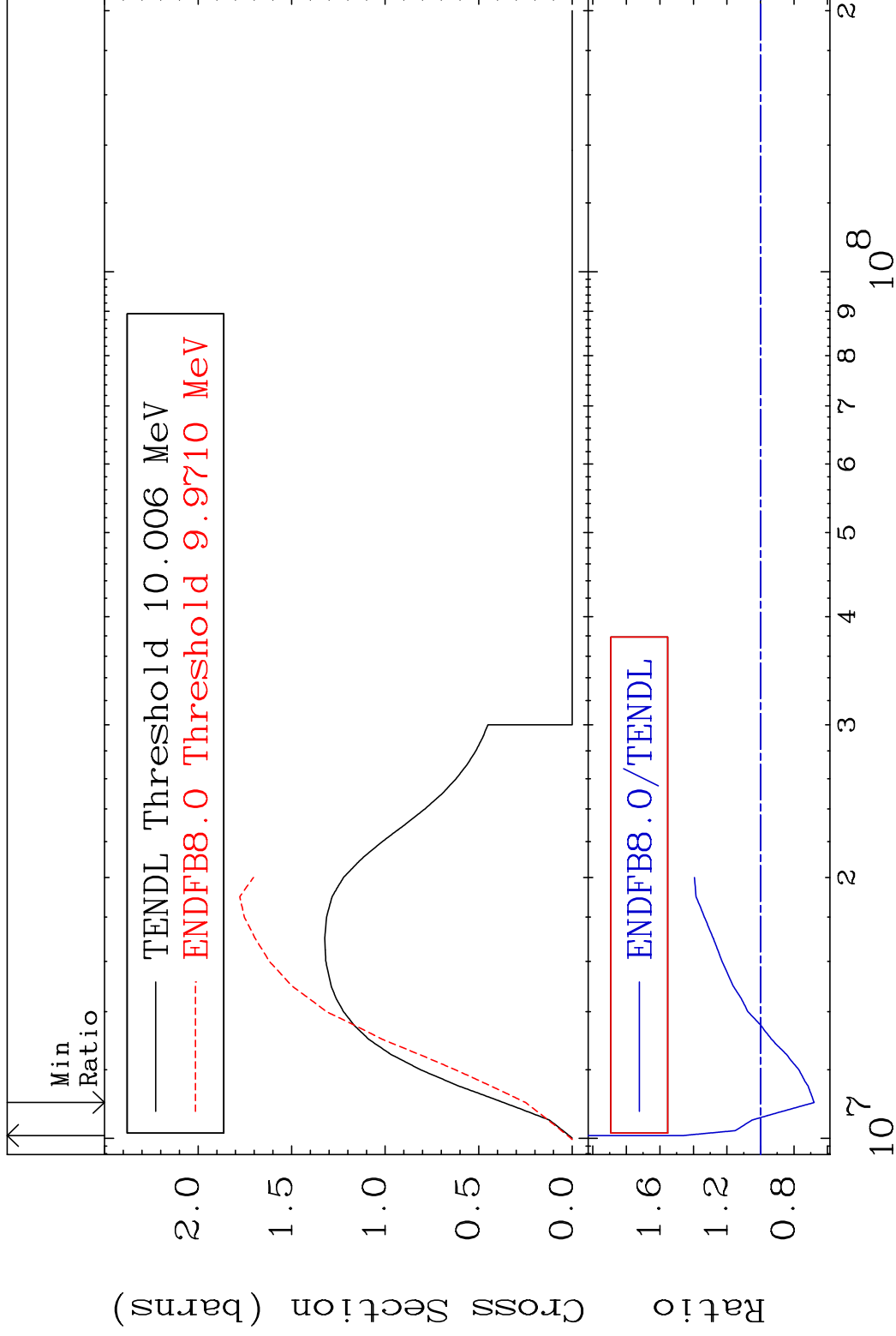


MAT 4837

(n,2n)

48-Cd-110

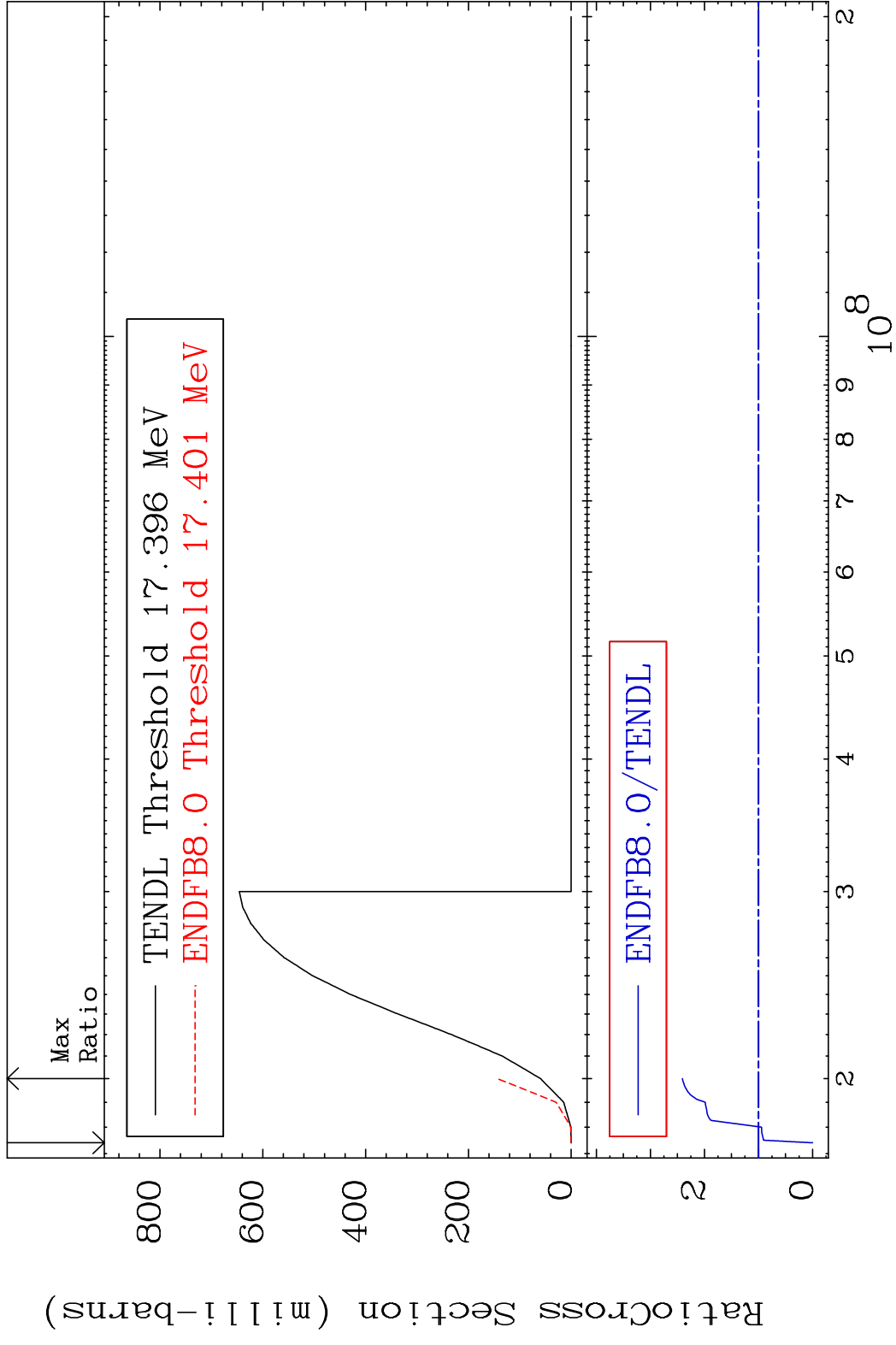
Cross Section -32.03 To 45.82 %



Incident Energy (eV)

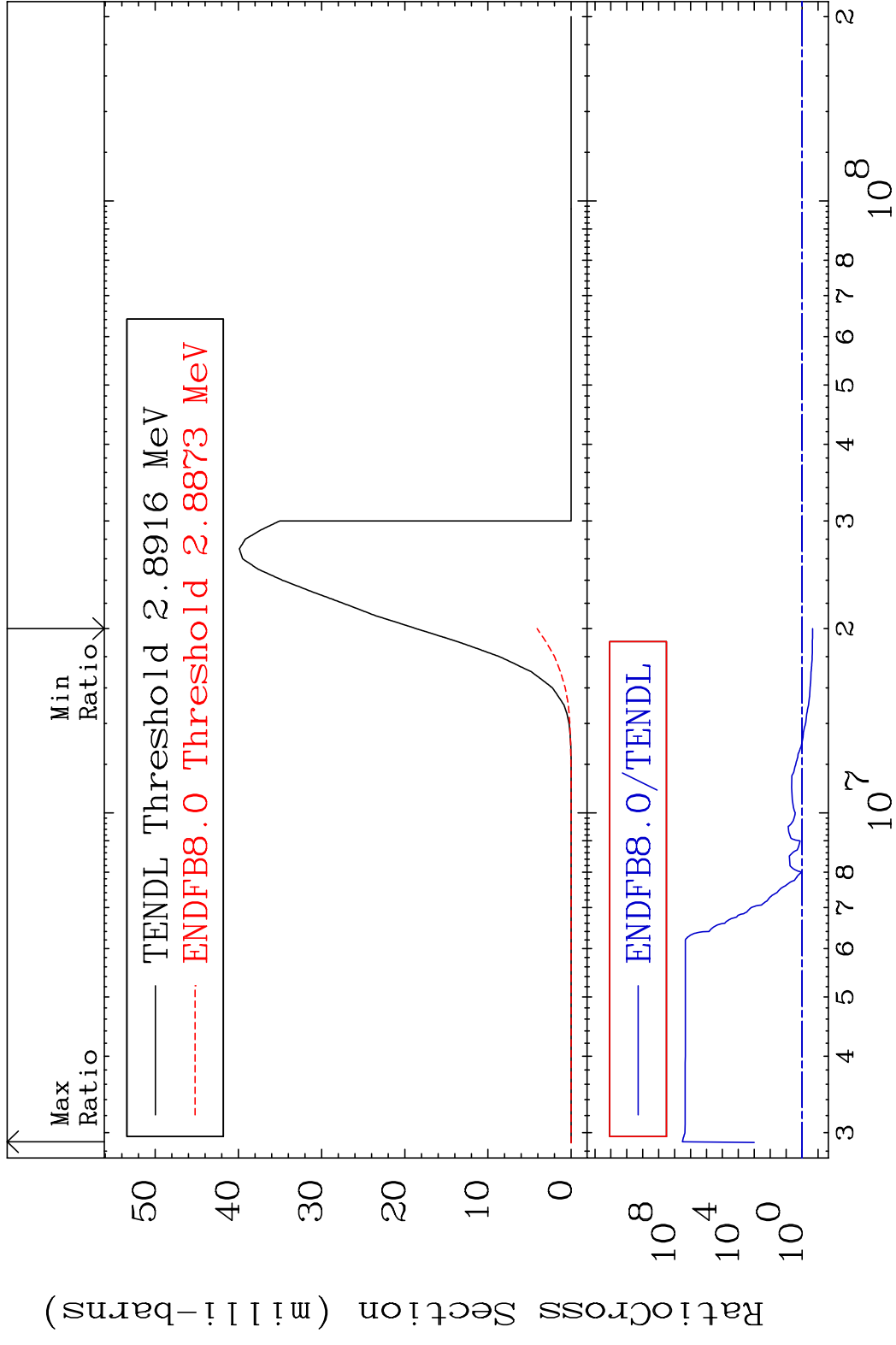
48-Cd-110

MAT 4837 (n,3n) 48-Cd-110
 Cross Section -100.0 To 140.8 %



5 48-Cd-110

MAT 4837 (n, n') α 48-Cd-110
 Cross Section -78.00 To 9999. %

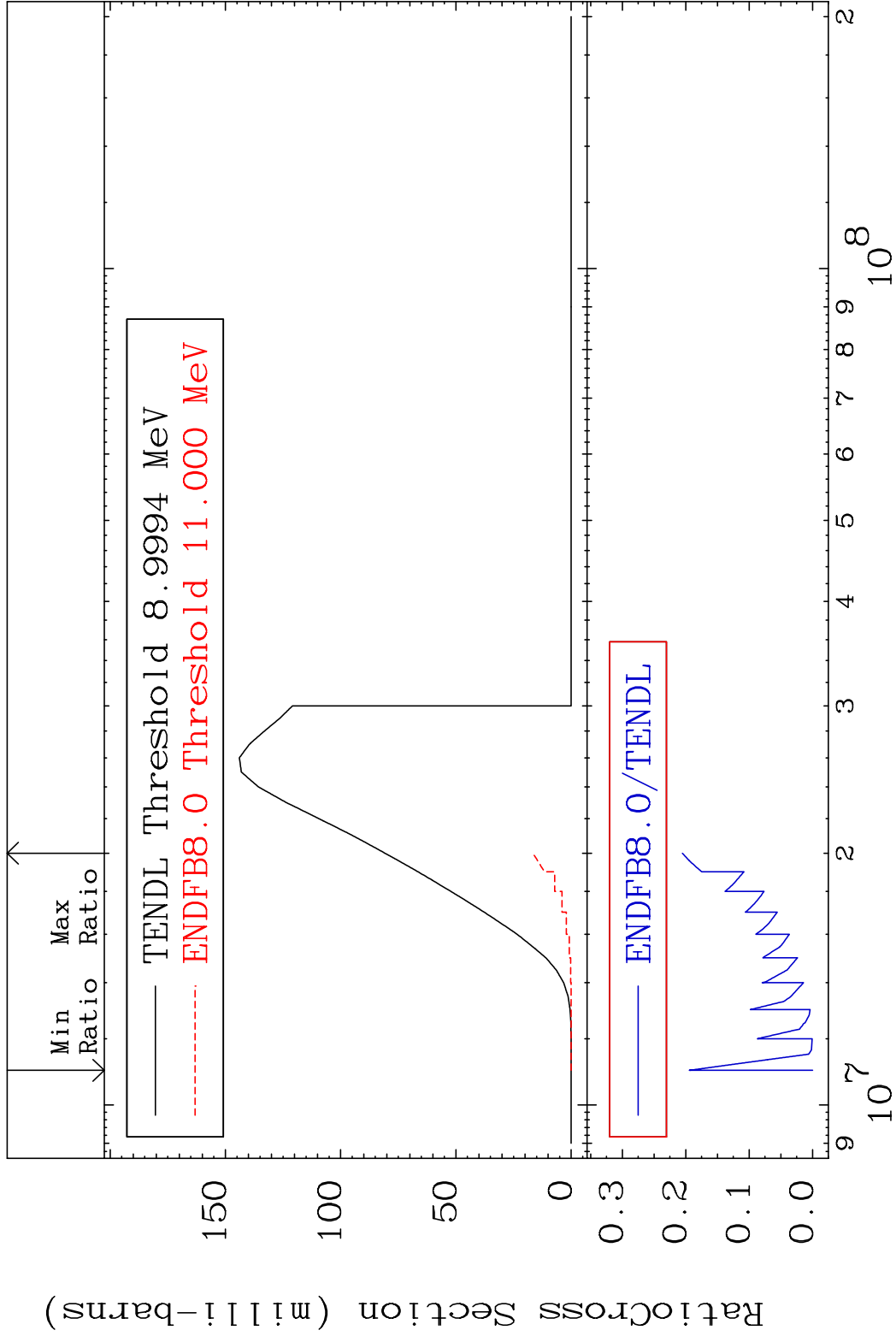


MAT 4837

(n, n') p

48-Cd-110

Cross Section -100.0 To -79.46%



7

Incident Energy (eV)

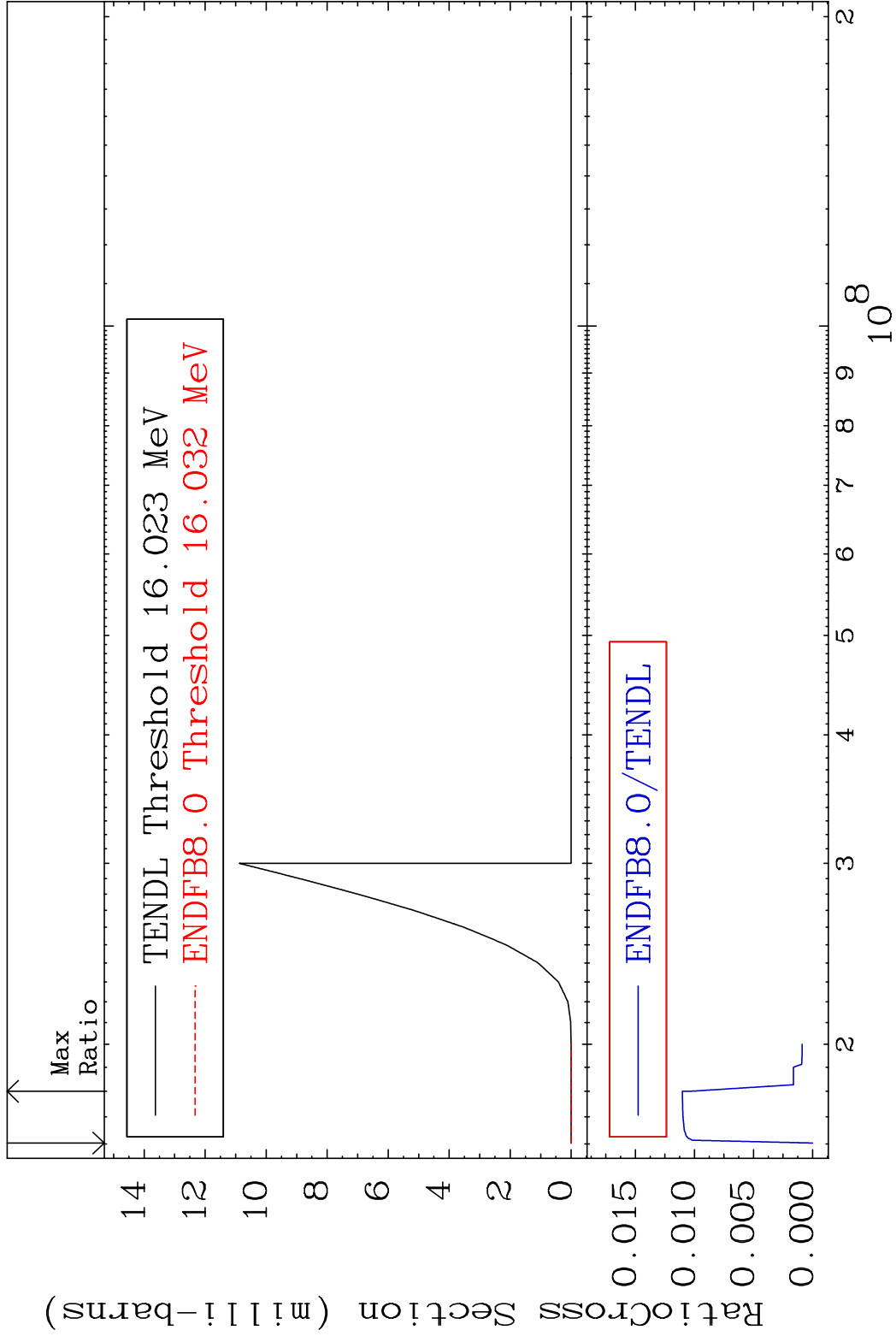
48-Cd-110

MAT 4837

(n, n') d

48-Cd-110

Cross Section -100.0 To -98.90%

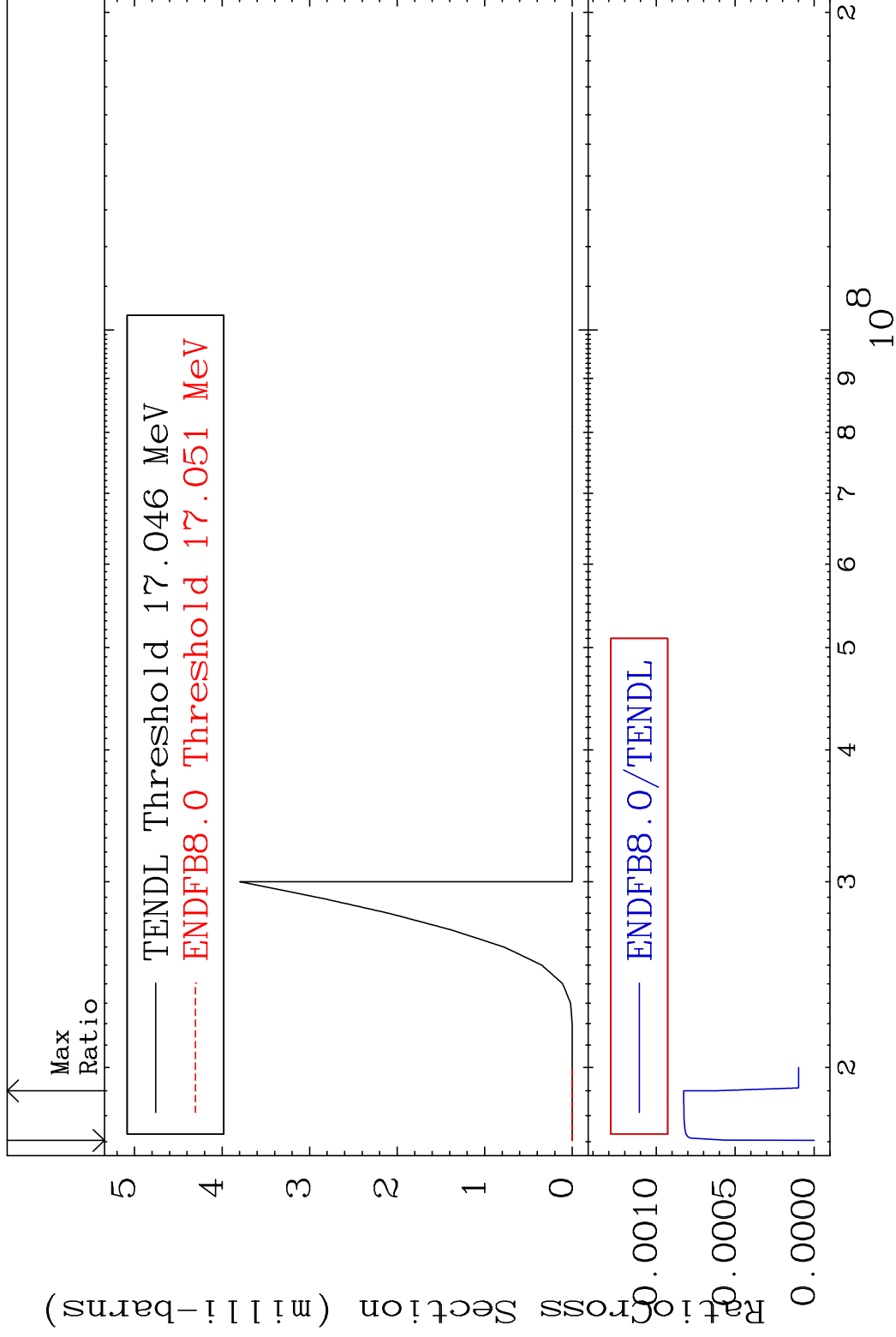


MAT 4837

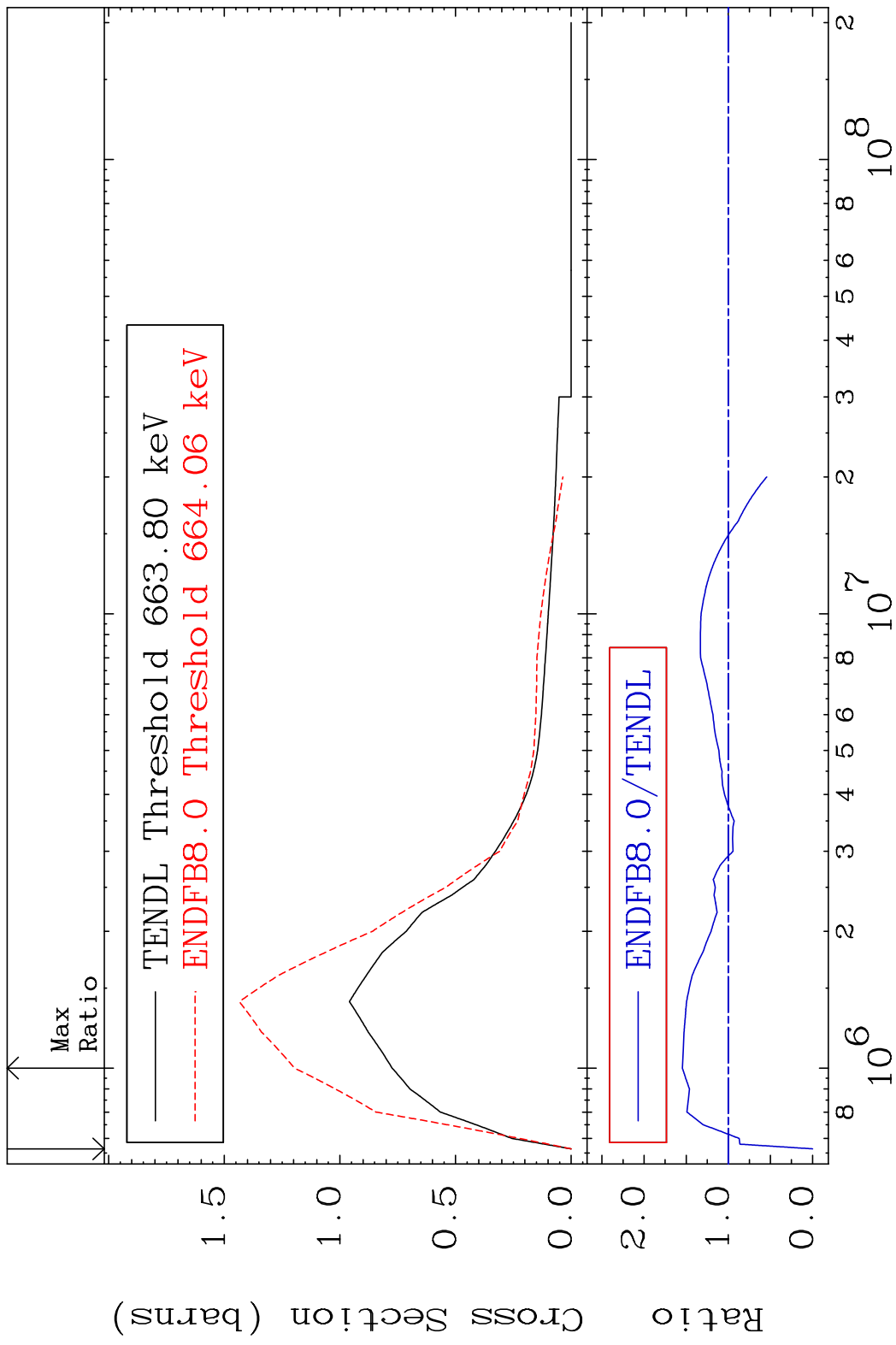
(n, n') t

48-Cd-110

Cross Section -100.0 To -99.92%

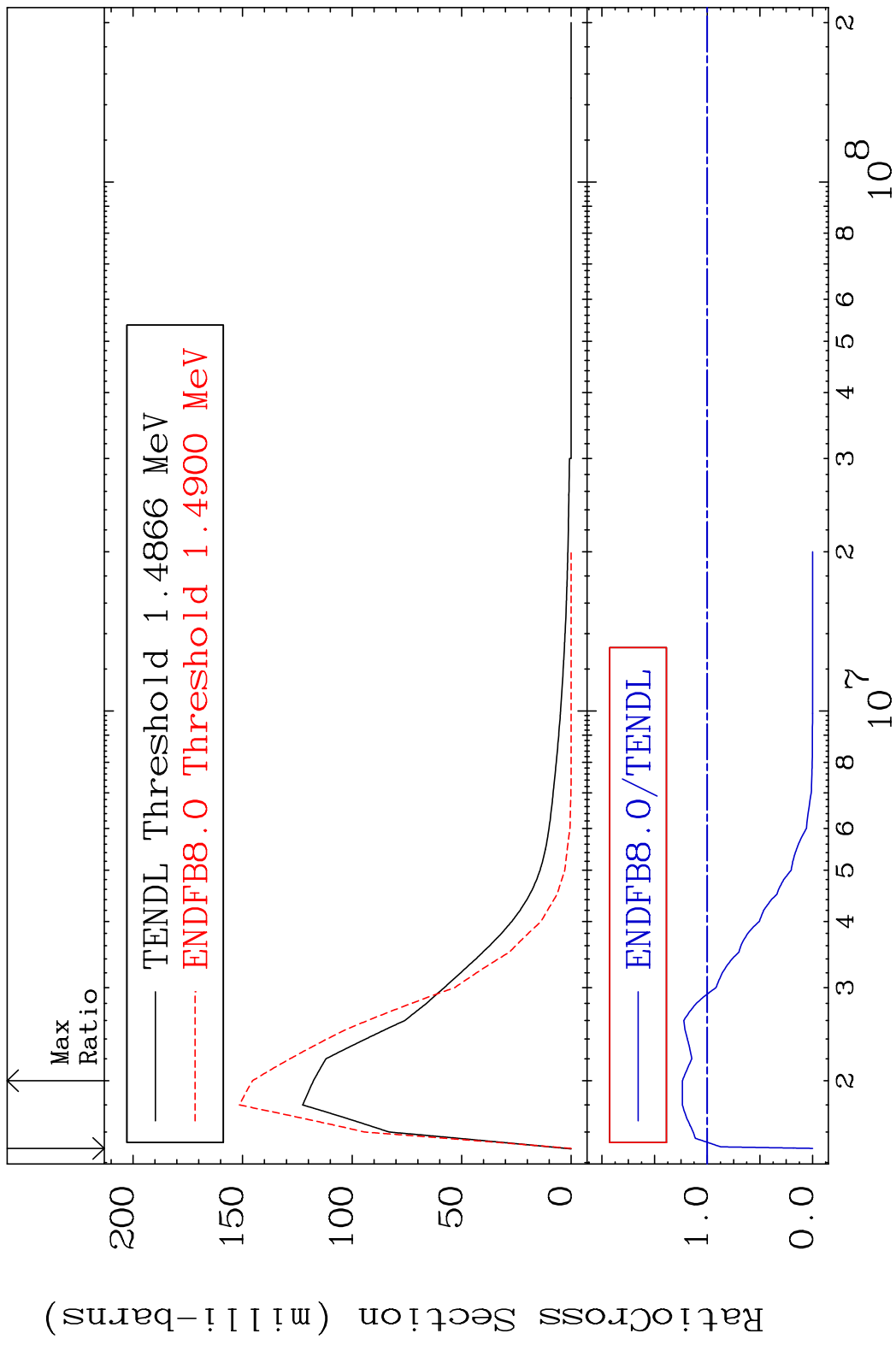


MAT 4837 MT= 51 (n,n') Level 48-Cd-110
 Cross Section -100.0 To 54.56 %

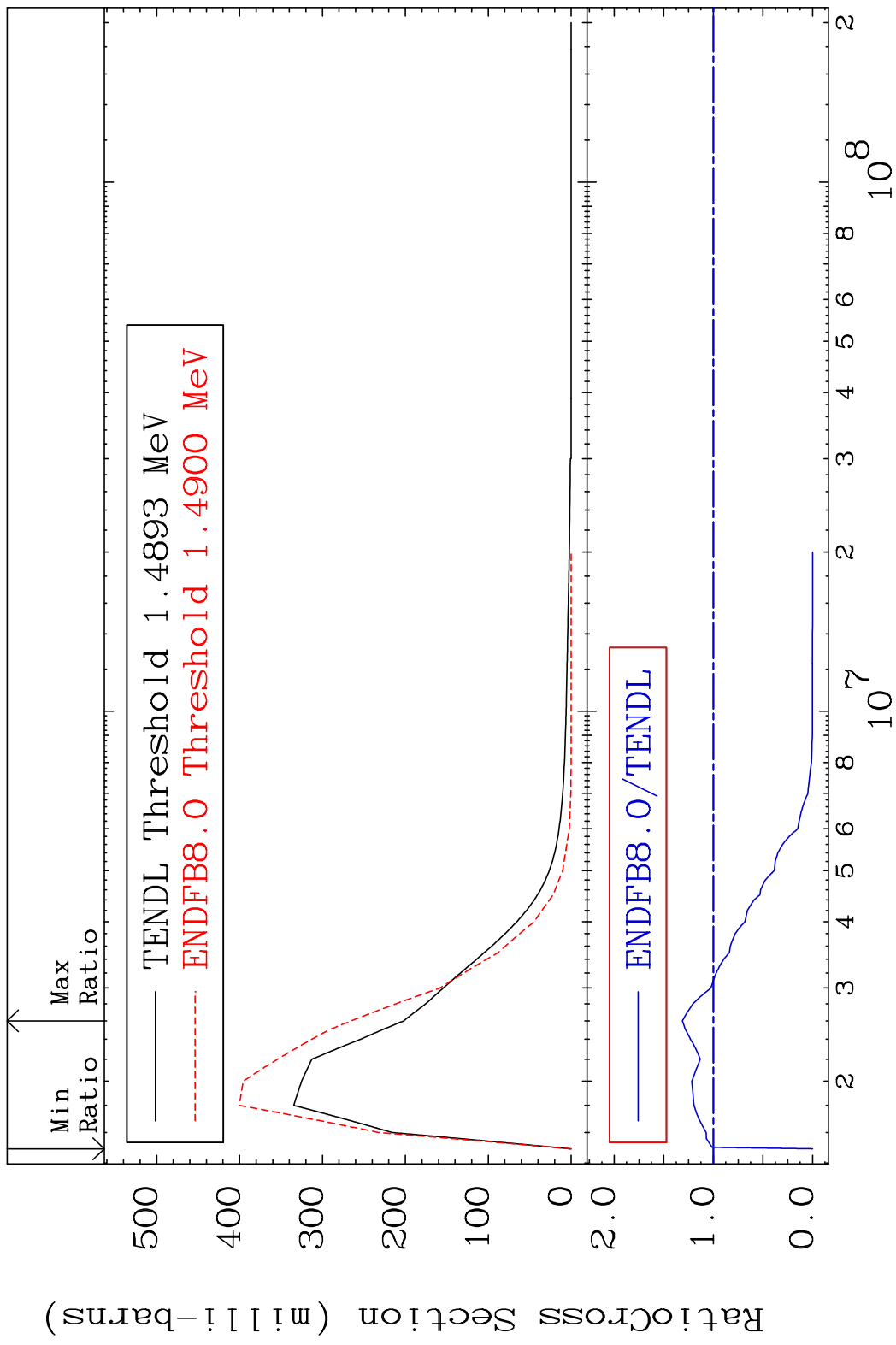


10 Incident Energy (eV) 48-Cd-110

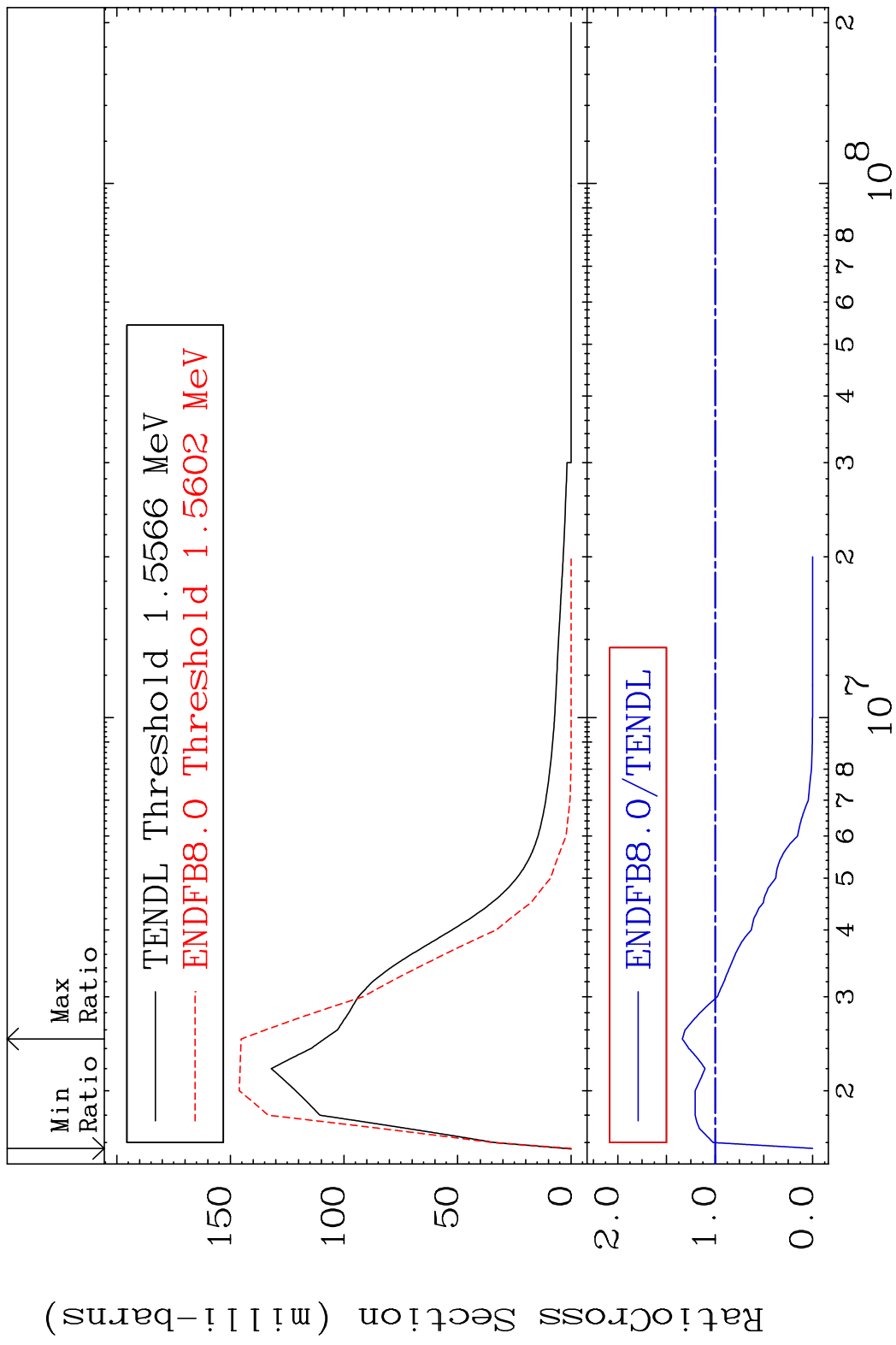
MAT 4837 MT= 52 (n, n') Level 48-Cd-110
 Cross Section -100.0 To 23.67 %



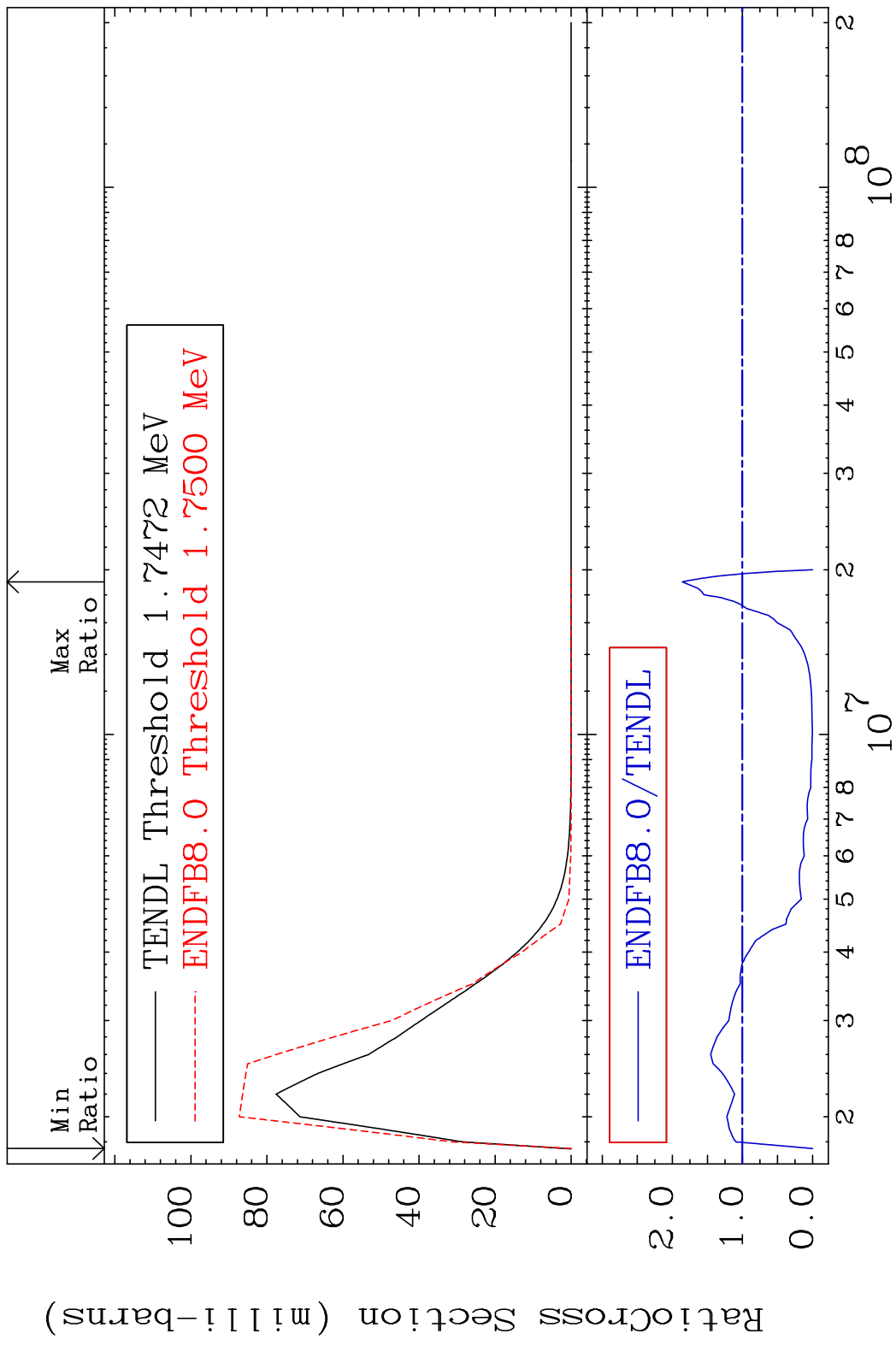
MAT 4837 MT= 53 (n, n') Level 48-Cd-110
 Cross Section -100.0 To 31.27 %



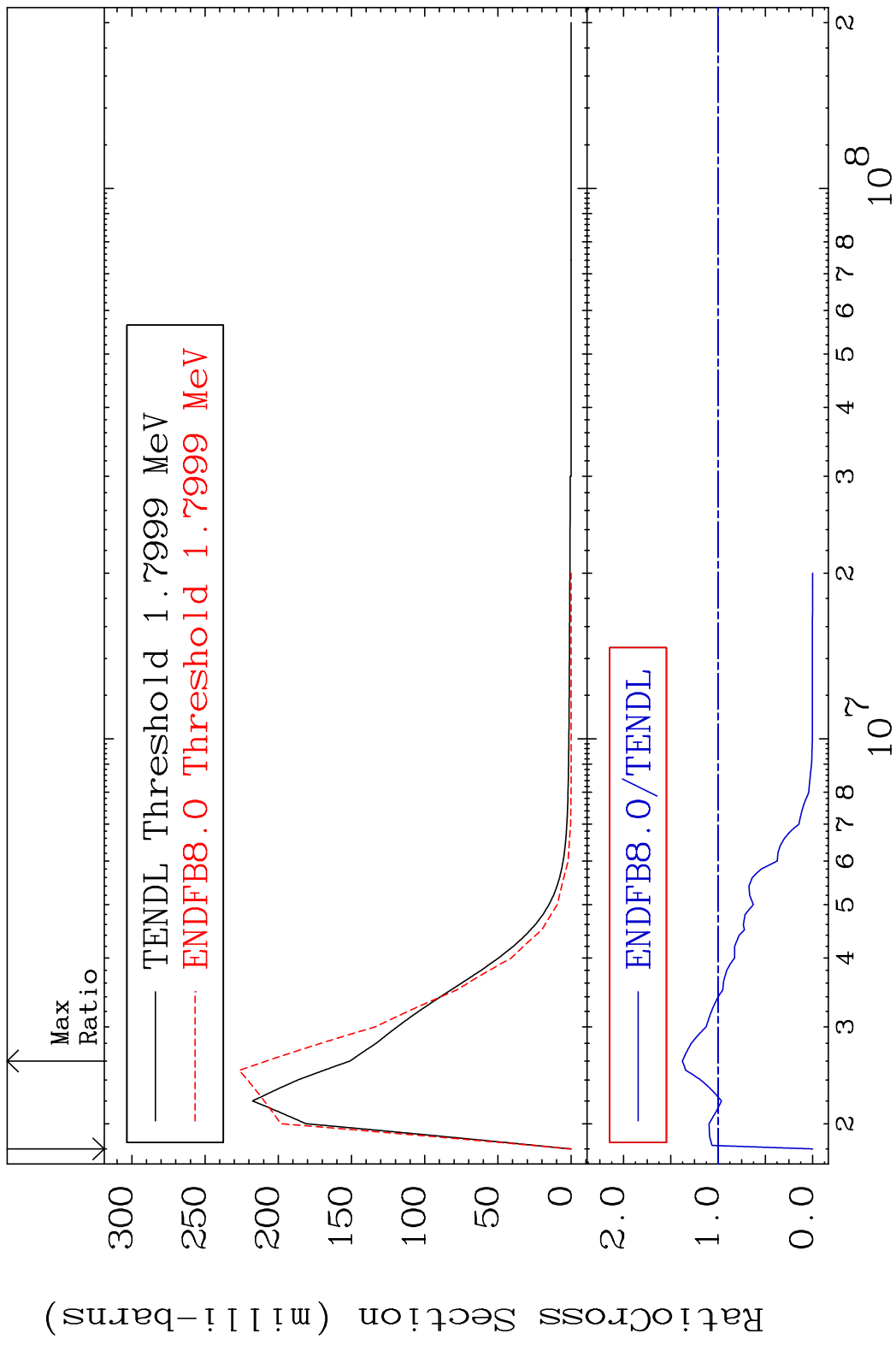
MAT 4837 MT= 54 (n,n') Level 48-Cd-110
 Cross Section -100.0 To 33.68 %



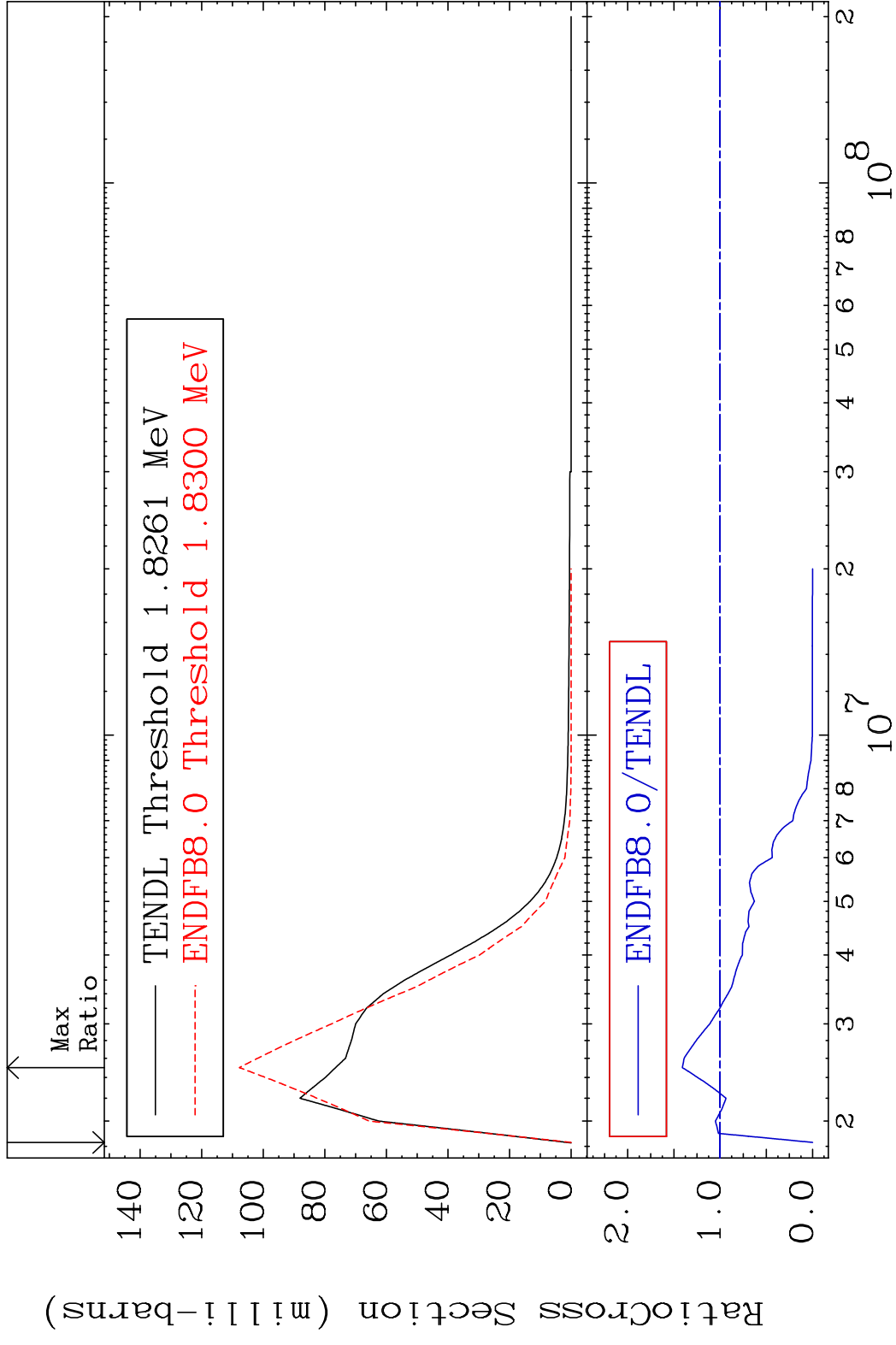
MAT 4837 MT= 55 (n, n') Level 48-Cd-110
 Cross Section -100.0 To 85.75 %



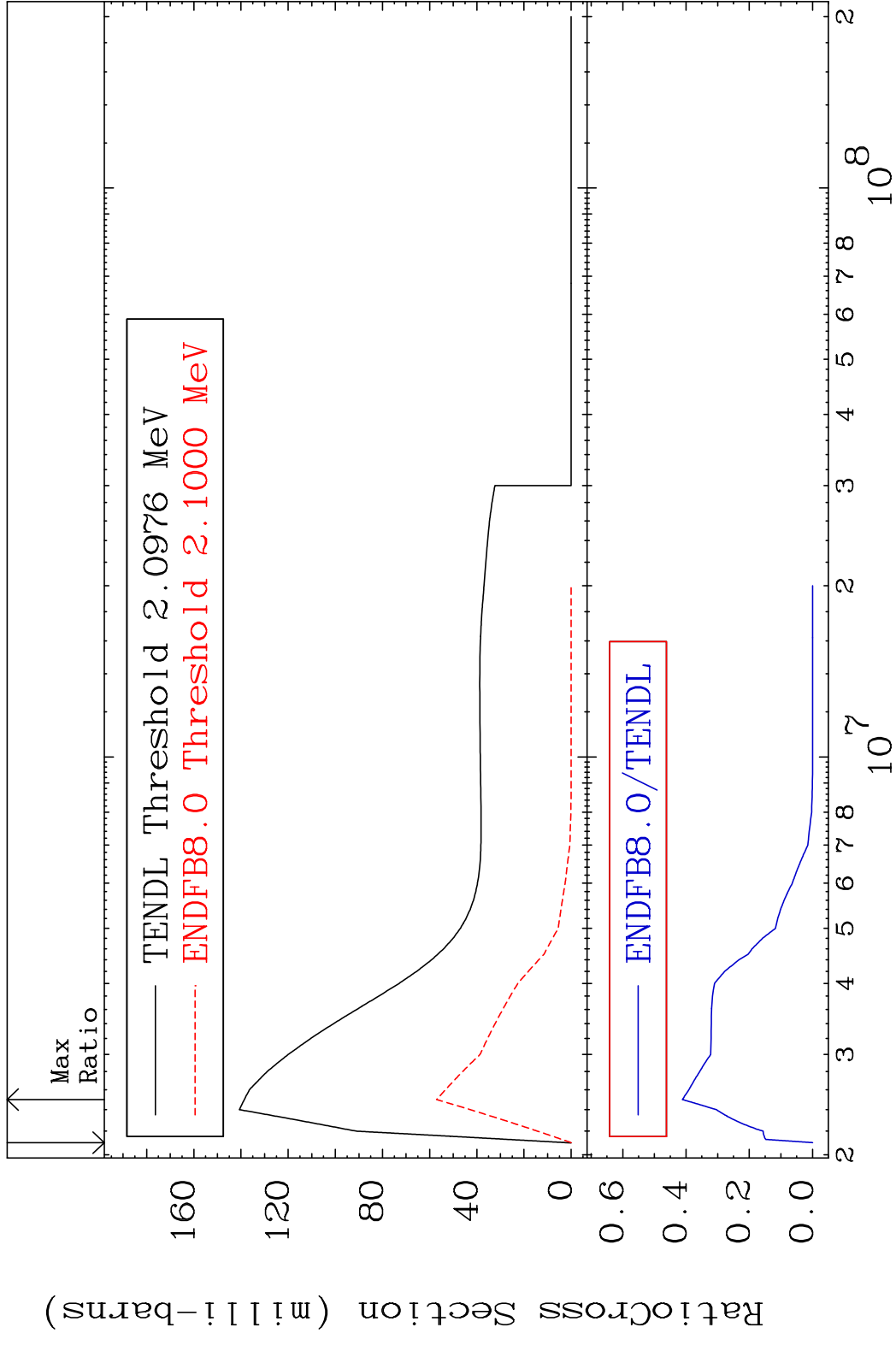
MAT 4837 MT= 56 (n,n') Level 48-Cd-110
 Cross Section -100.0 To 37.76 %



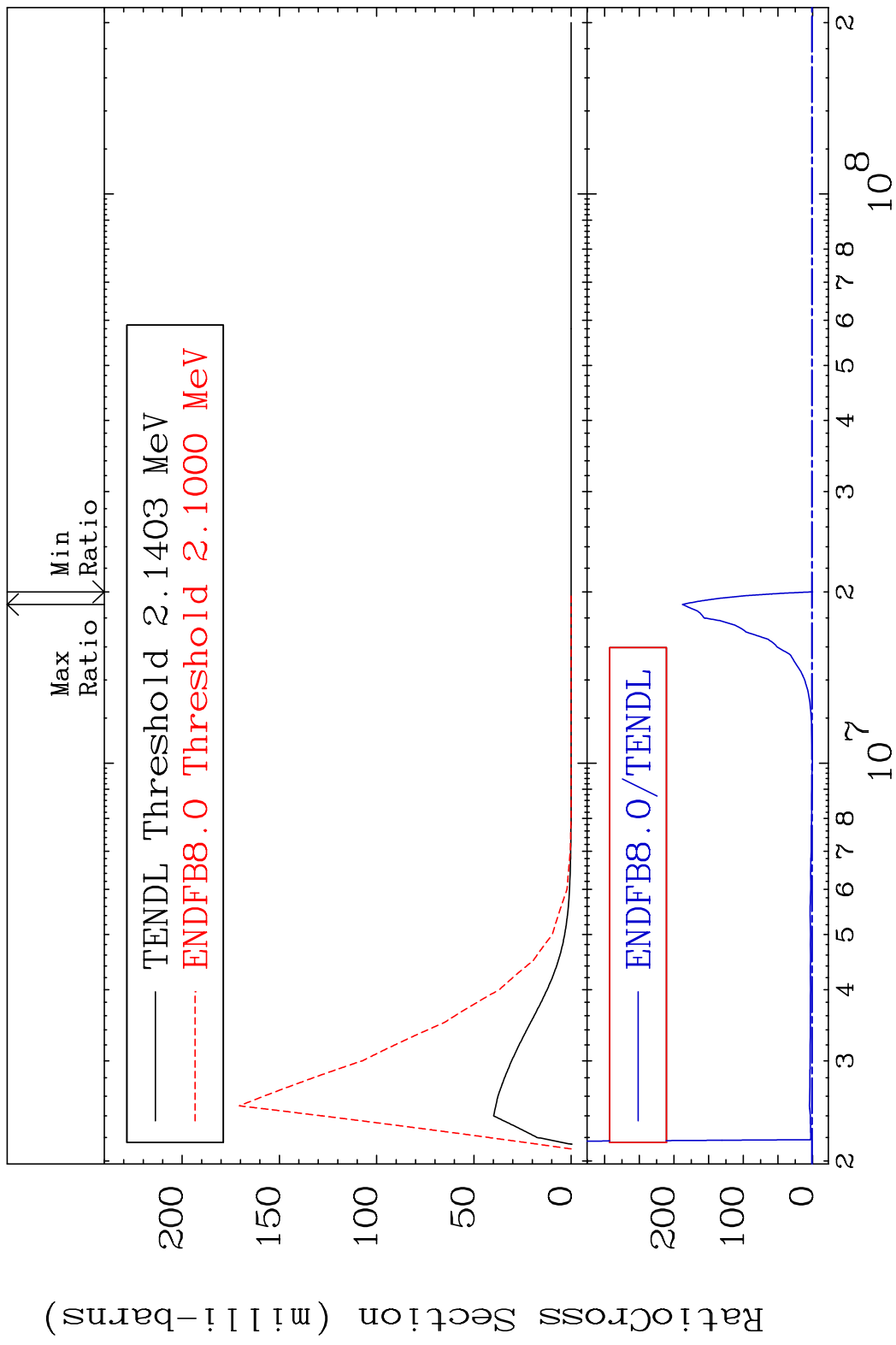
MAT 4837 MT= 57 (n,n') Level 48-Cd-110
 Cross Section -100.0 To 40.81 %



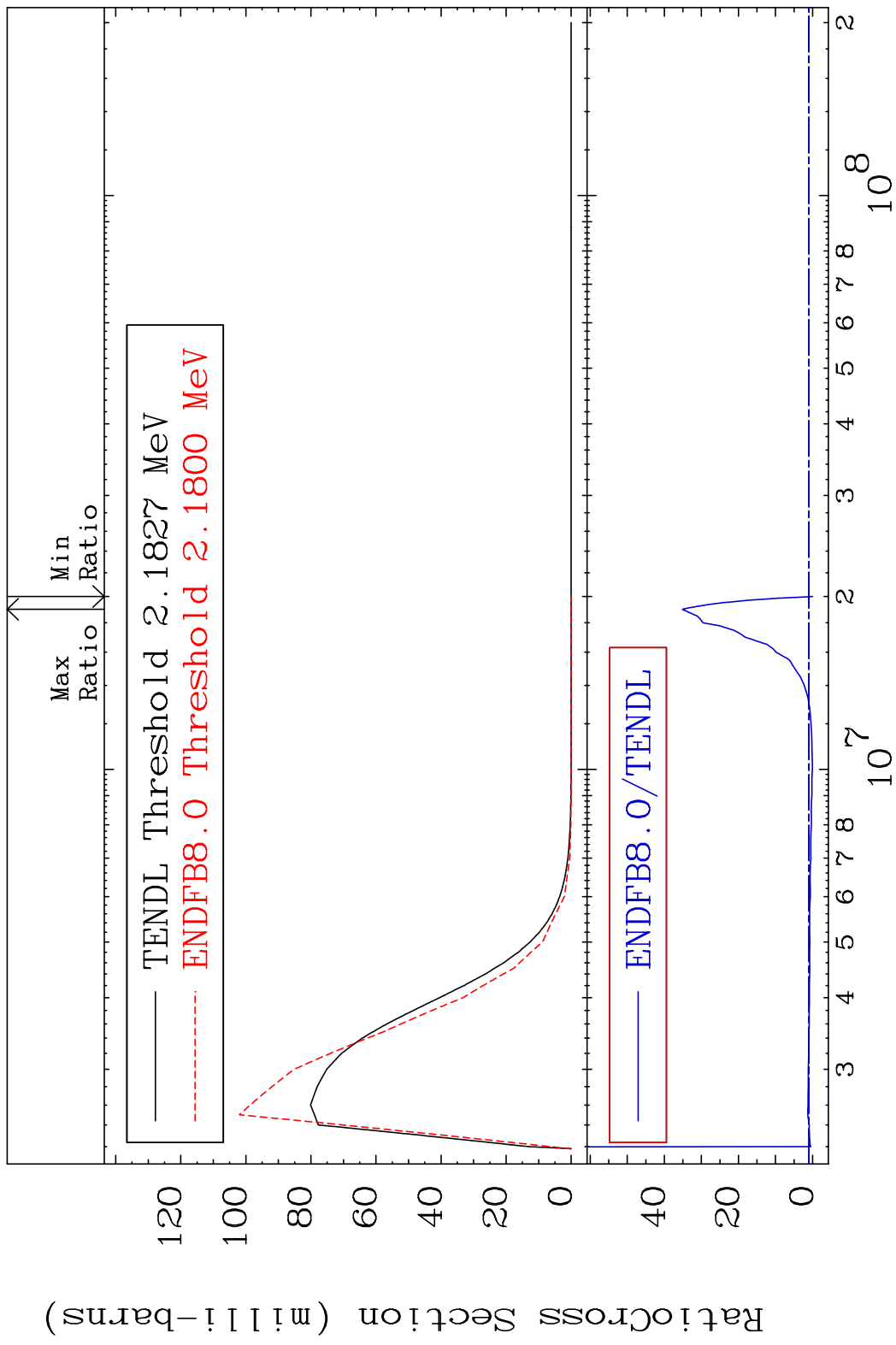
MAT 4837 MT= 58 (n,n') Level 48-Cd-110
 Cross Section -100.0 To -58.83%



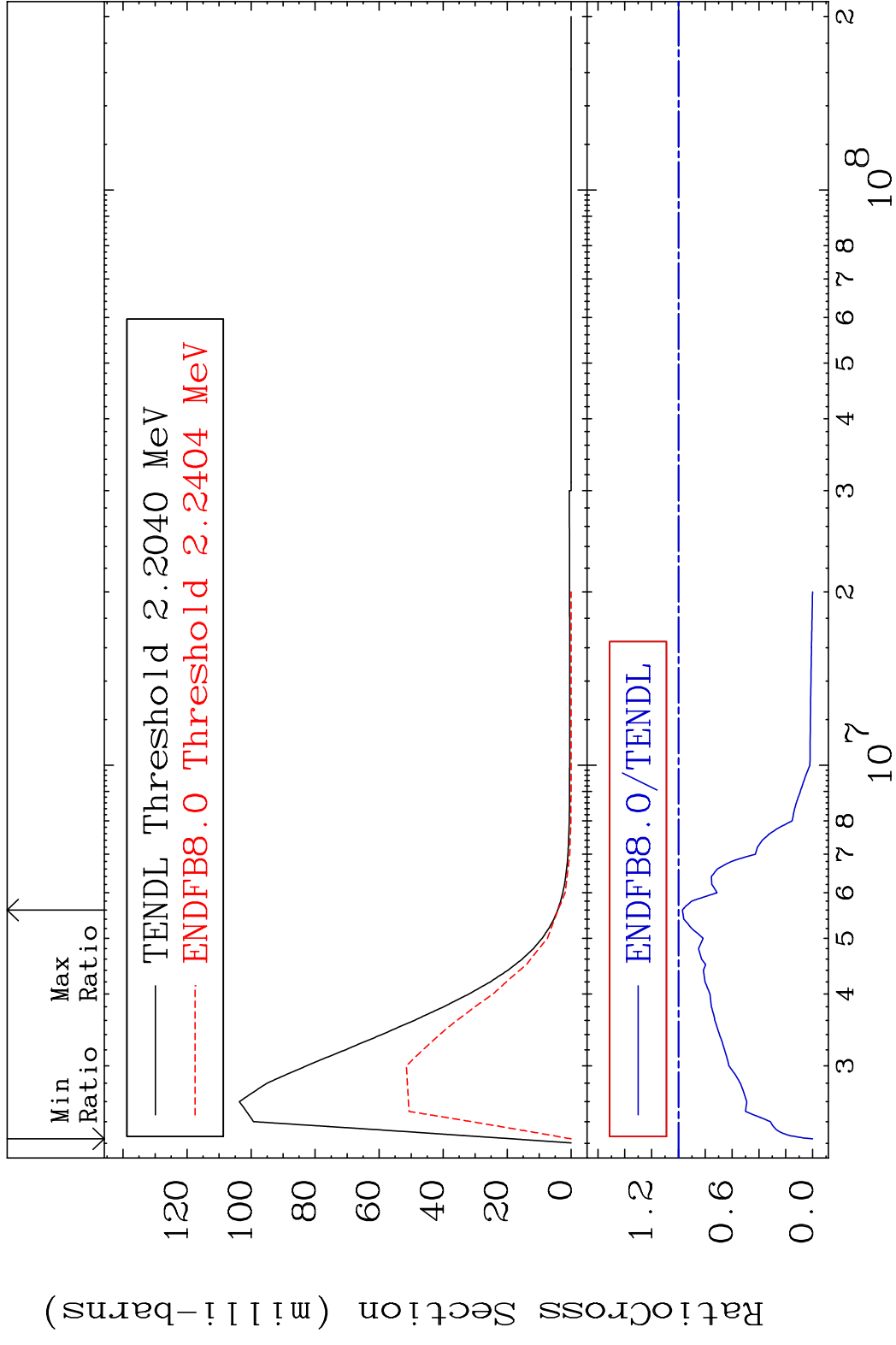
MAT 4837 MT= 59 (n, n') Level 48-Cd-110
 Cross Section -100.0 To 9999. %



MAT 4837 MT= 60 (n, n') Level 48-Cd-110
 Cross Section -100.0 To 3414. %

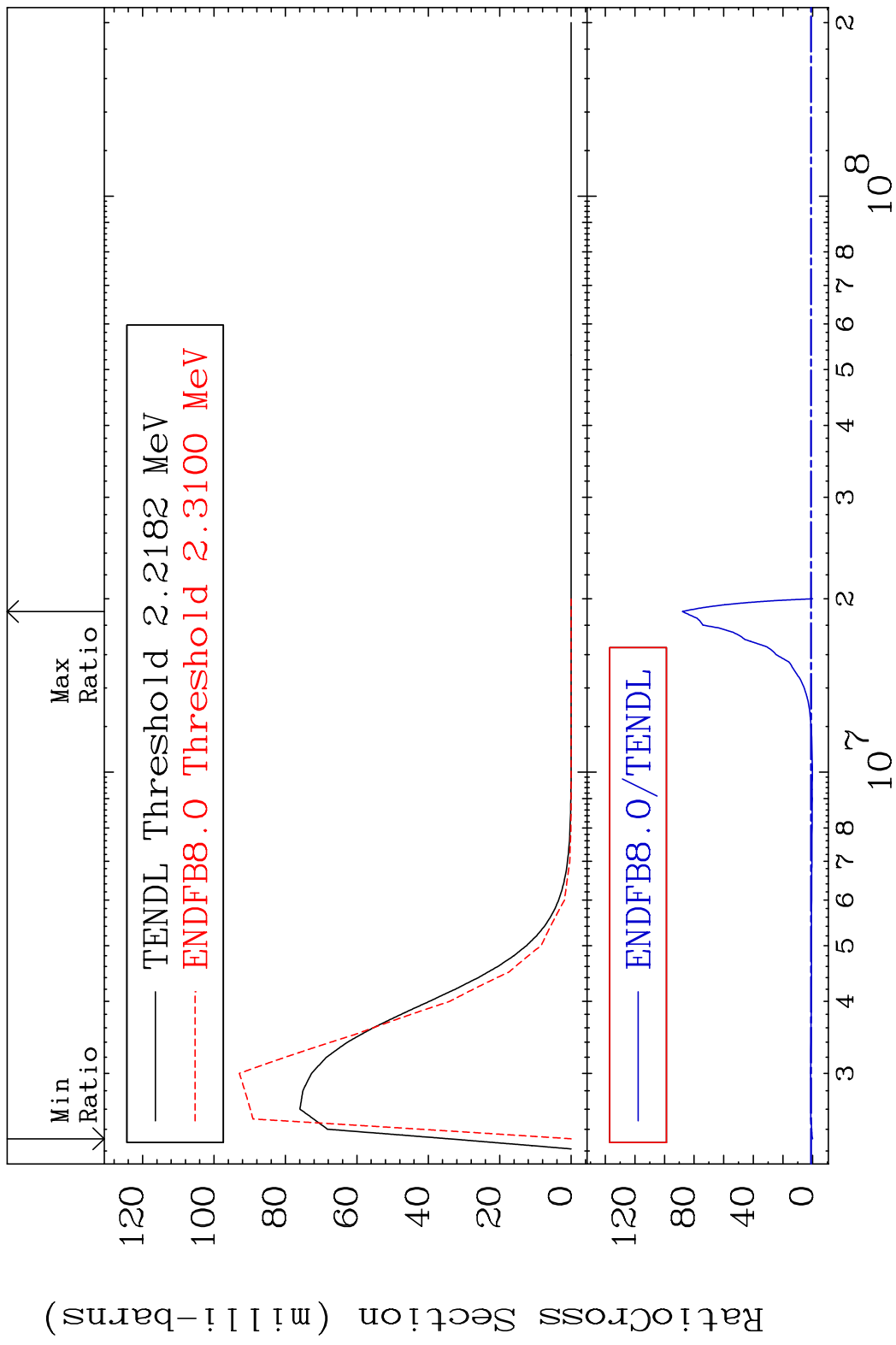


MAT 4837 MT= 61 (n,n') Level 48-Cd-110
 Cross Section -100.0 To -2.916%

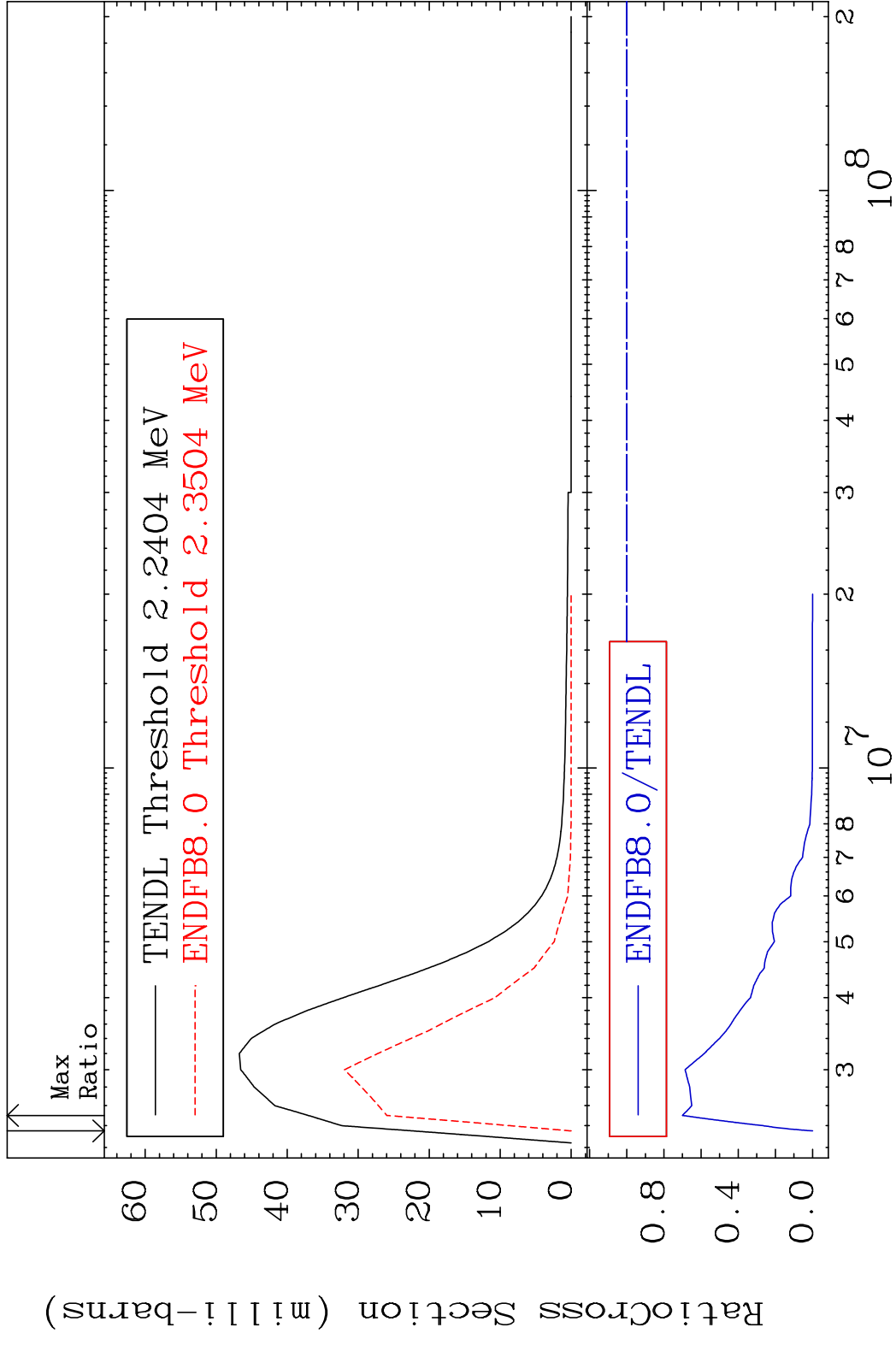


20 Incident Energy (eV) 48-Cd-110

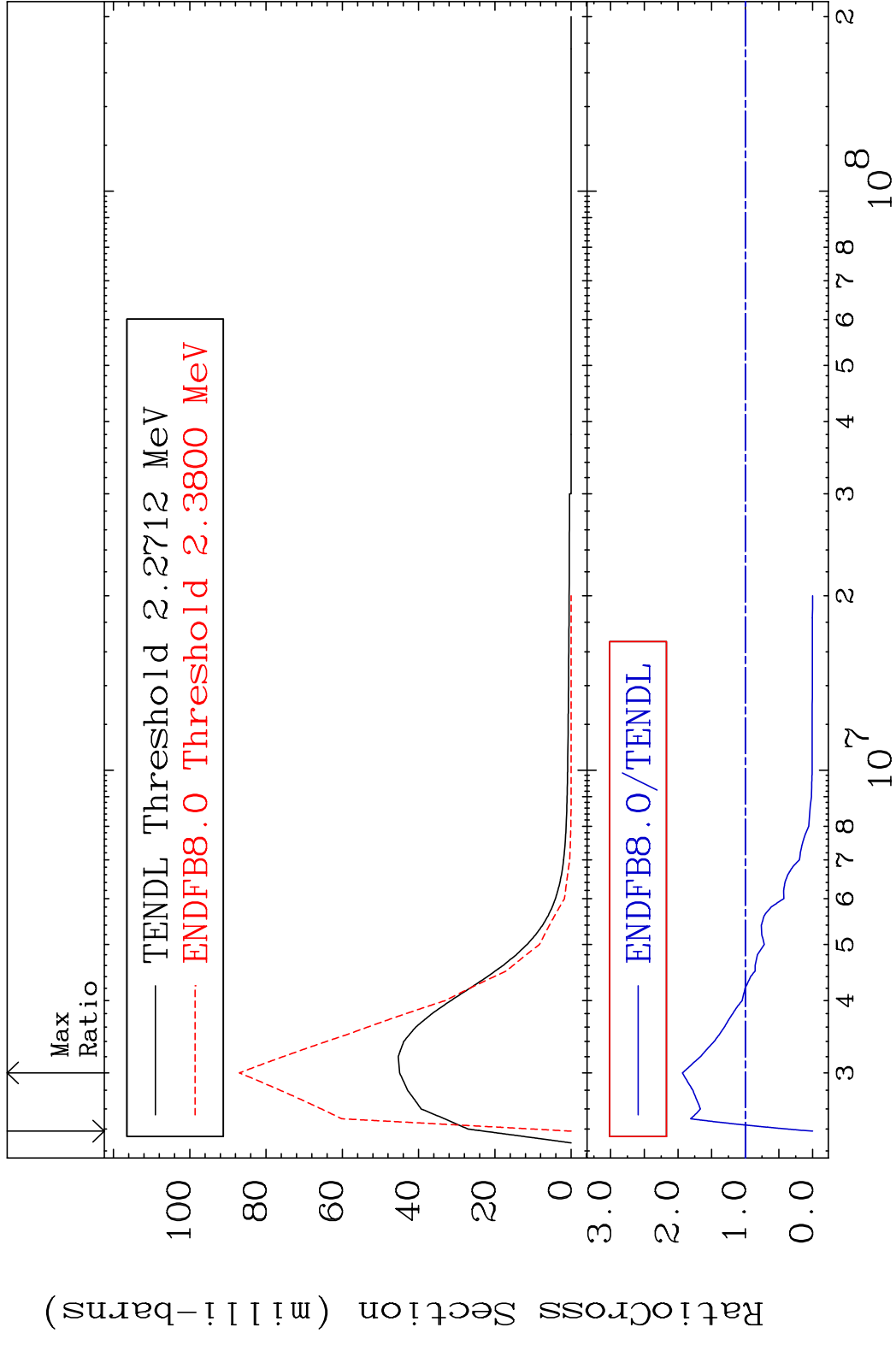
MAT 4837 MT= 62 (n, n') Level 48-Cd-110
 Cross Section -100.0 To 8694. %



MAT 4837 MT= 63 (n,n') Level 48-Cd-110
 Cross Section -100.0 To -29.92%



MAT 4837 MT= 64 (n,n') Level 48-Cd-110
 Cross Section -100.0 To 93.45 %

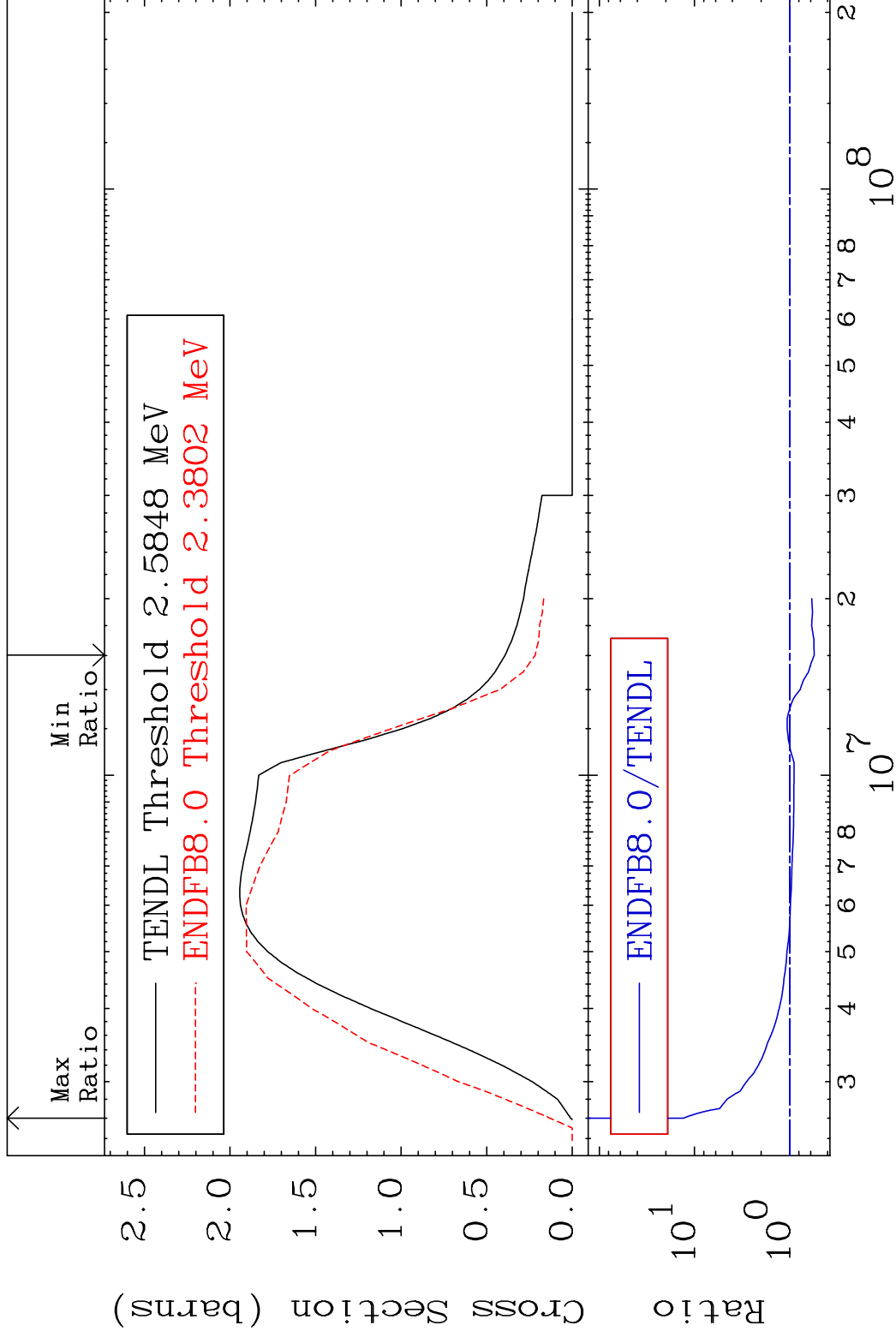


MAT 4837

(n,n') Continuum

48-Cd-110

Cross Section -44.59 To 1201. %



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Incident Energy (eV)

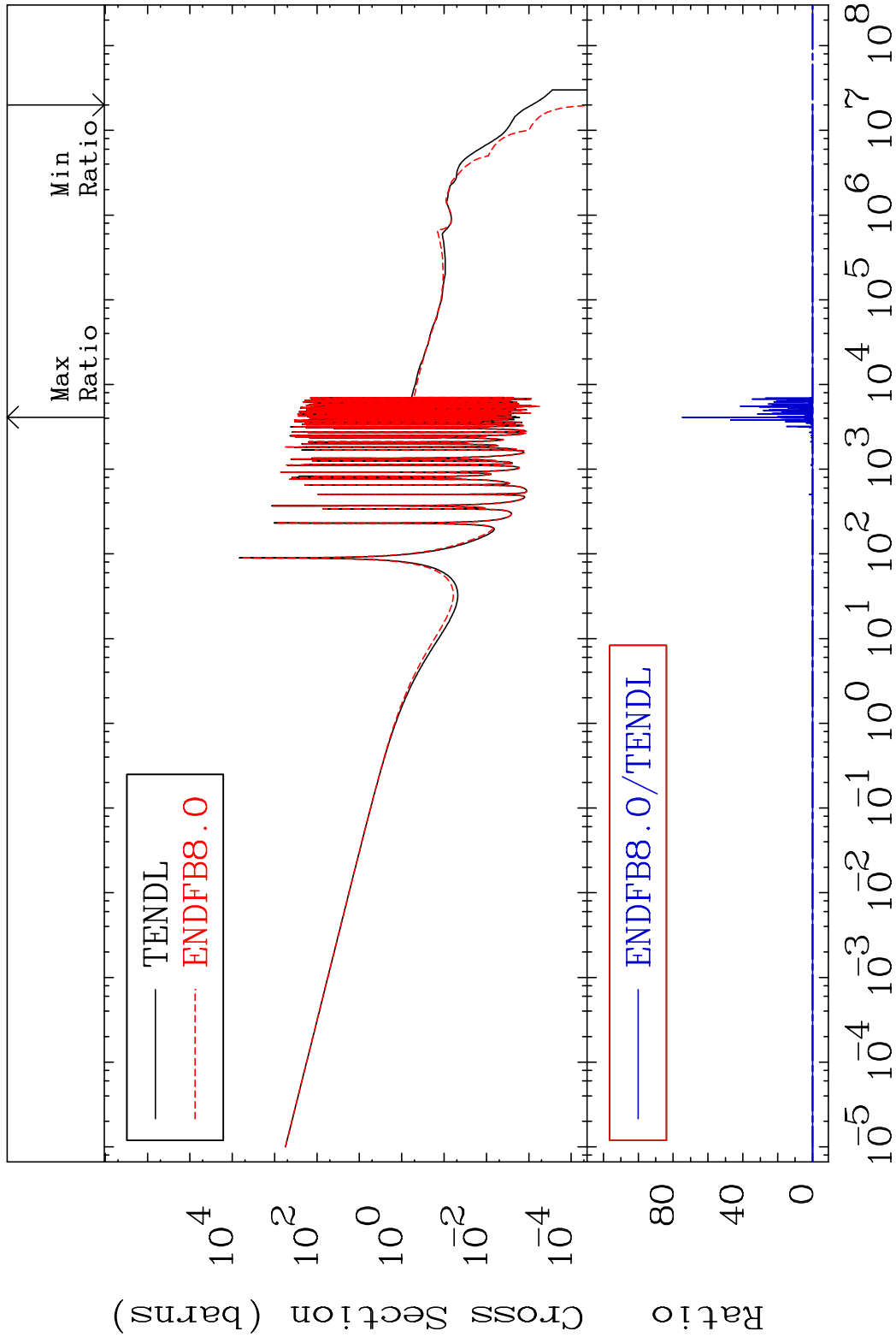
48-Cd-110

MAT 4837

(n, γ)

48-Cd-110

Cross Section -100.0 To 9999. %

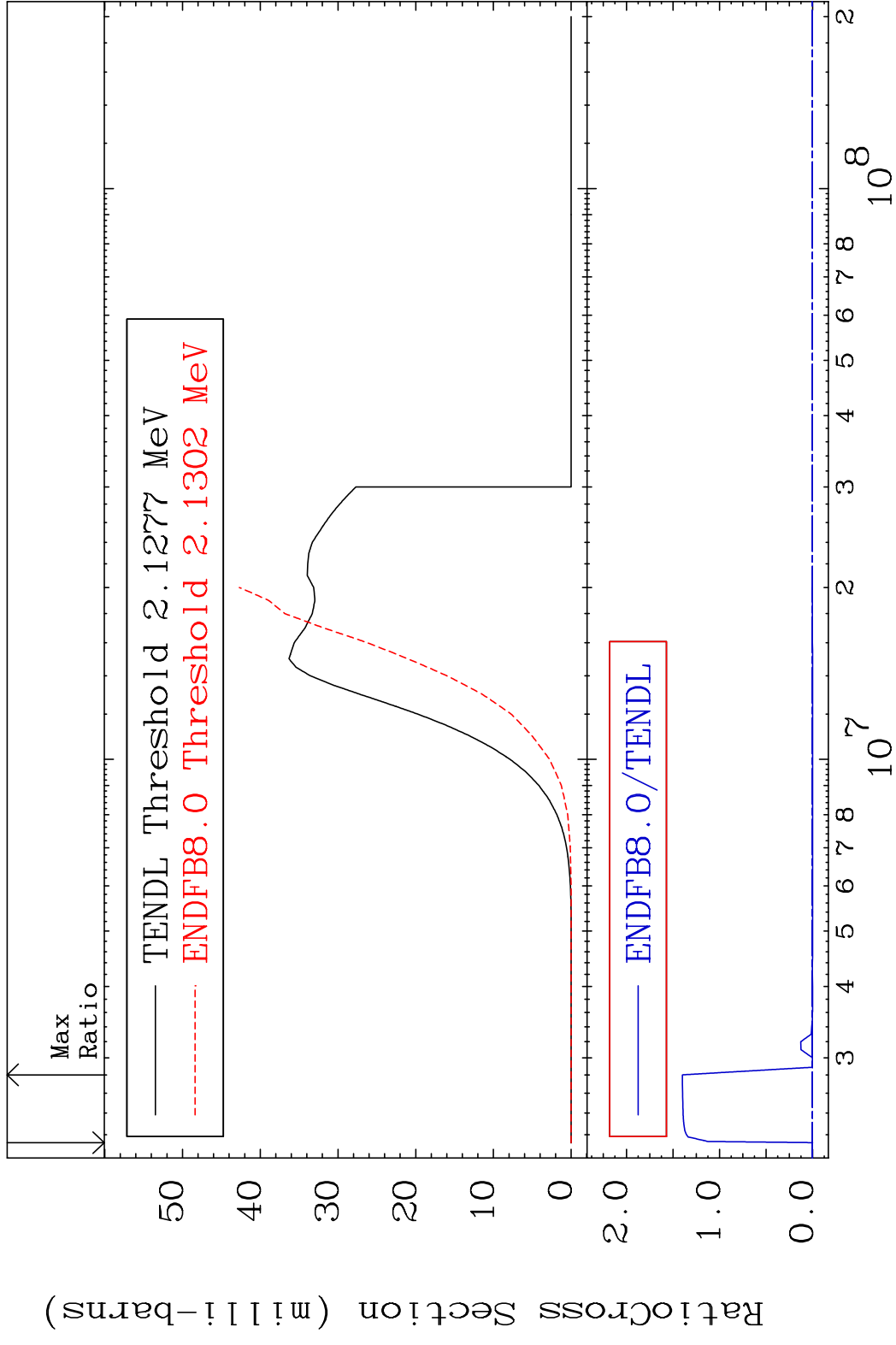


25

Incident Energy (eV)

48-Cd-110

MAT 4837 (n,p) 48-Cd-110
 Cross Section -100.0 To 9999. %

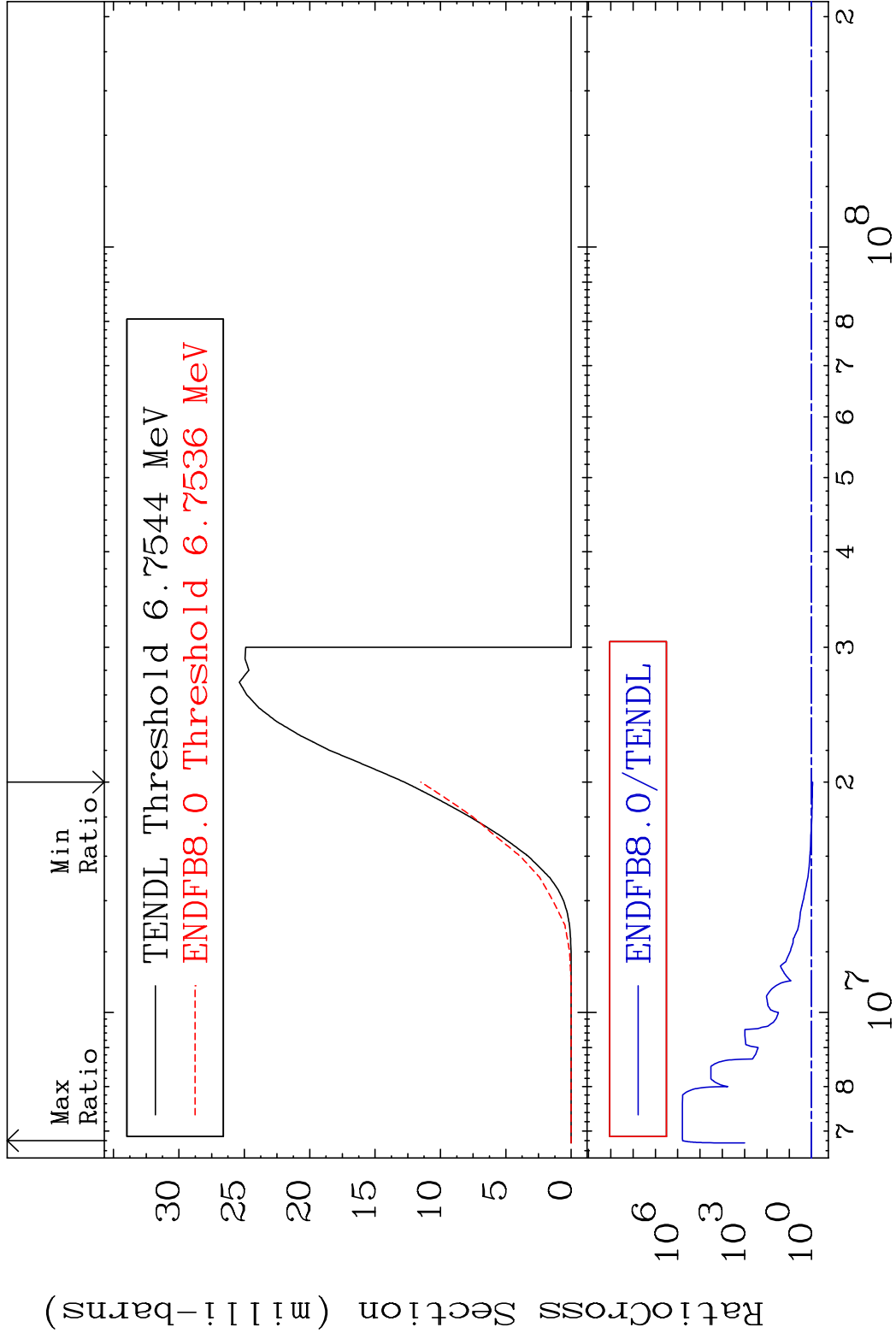


MAT 4837

(n,d)

48-Cd-110

Cross Section -9.892 To 9999. %

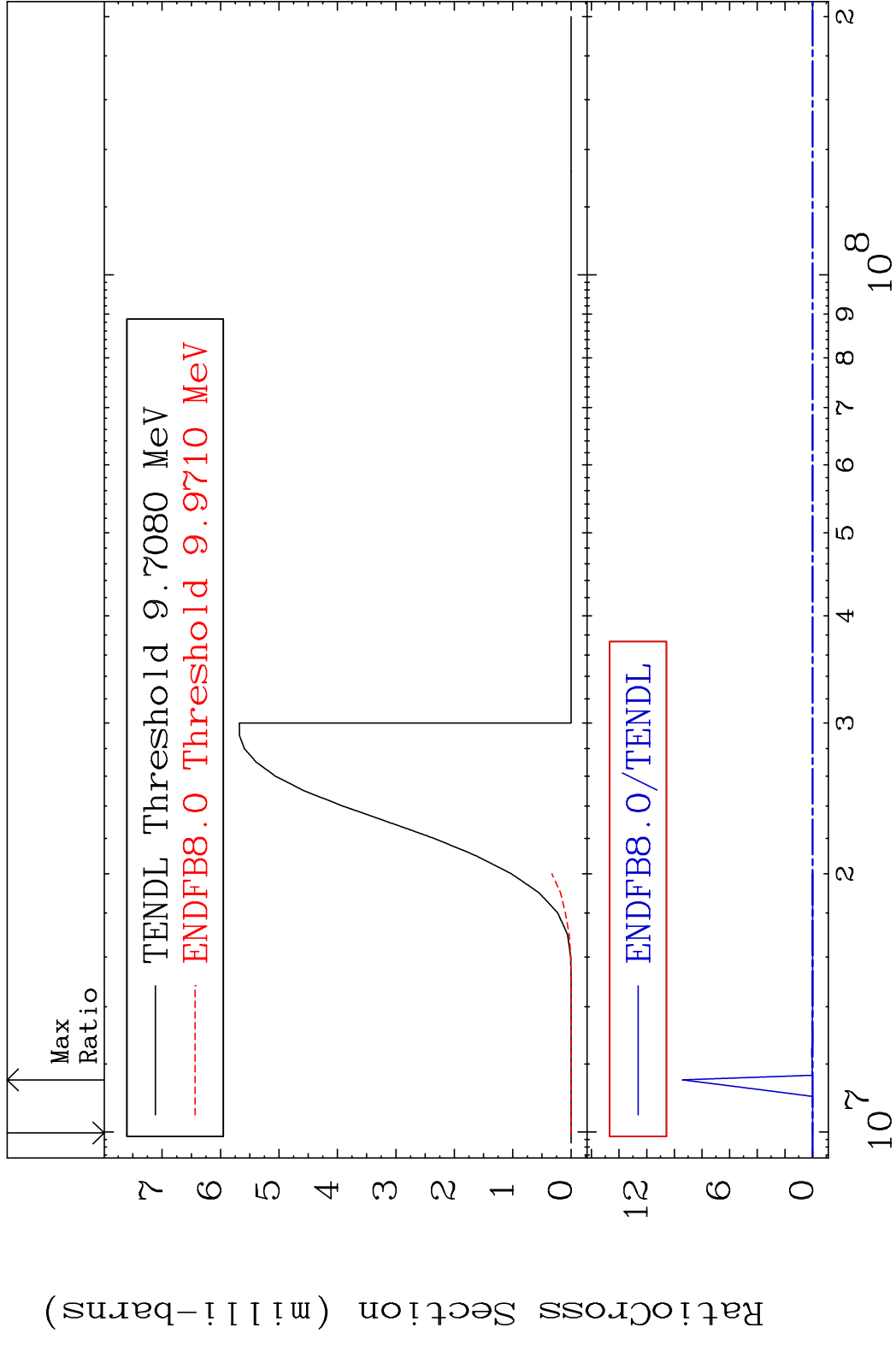


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Incident Energy (eV)

48-Cd-110

MAT 4837 (n, t) 48-Cd-110
 Cross Section -100.0 To 9999. %



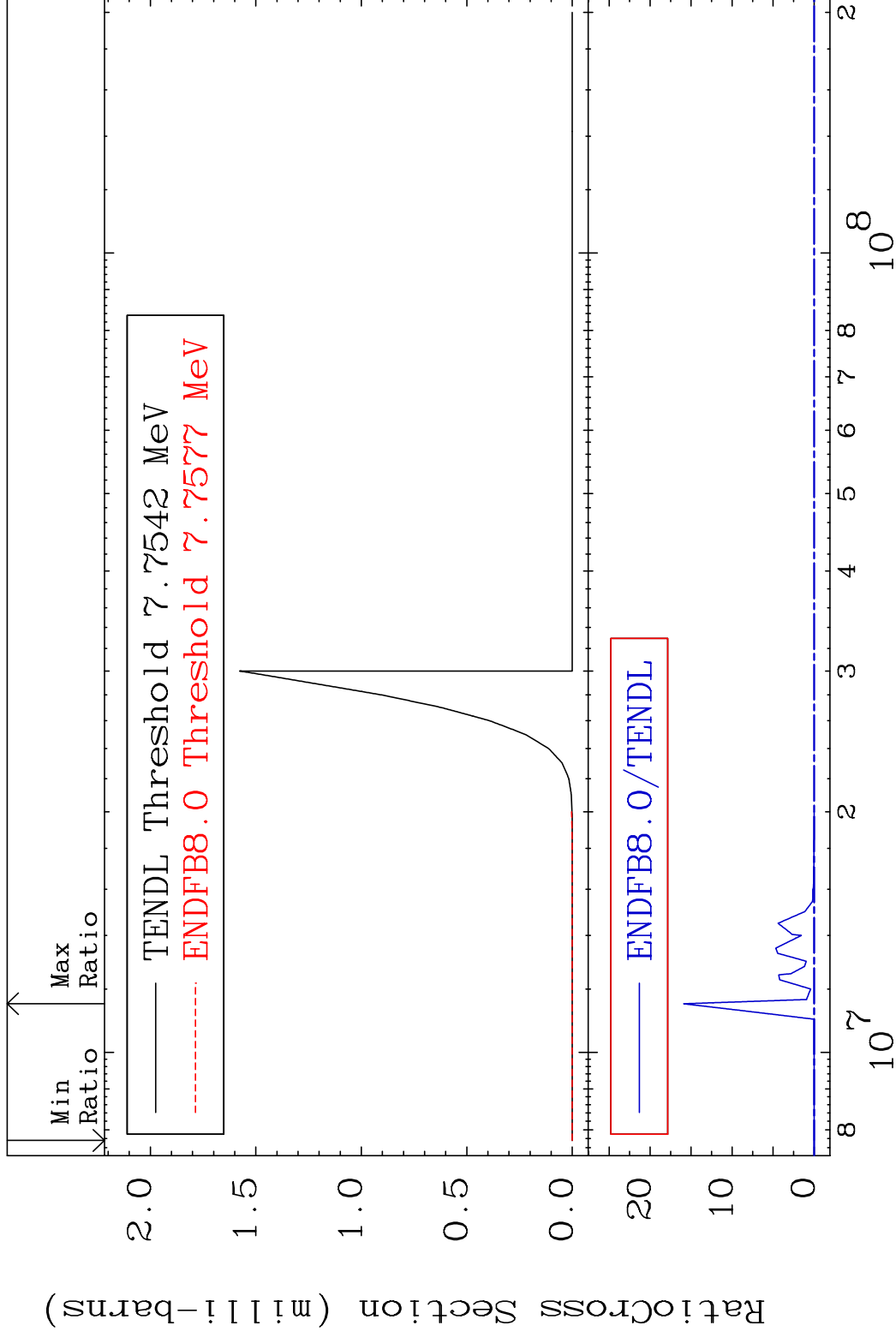
28 Incident Energy (eV) 48-Cd-110

MAT 4837

(n, He-3)

48-Cd-110

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

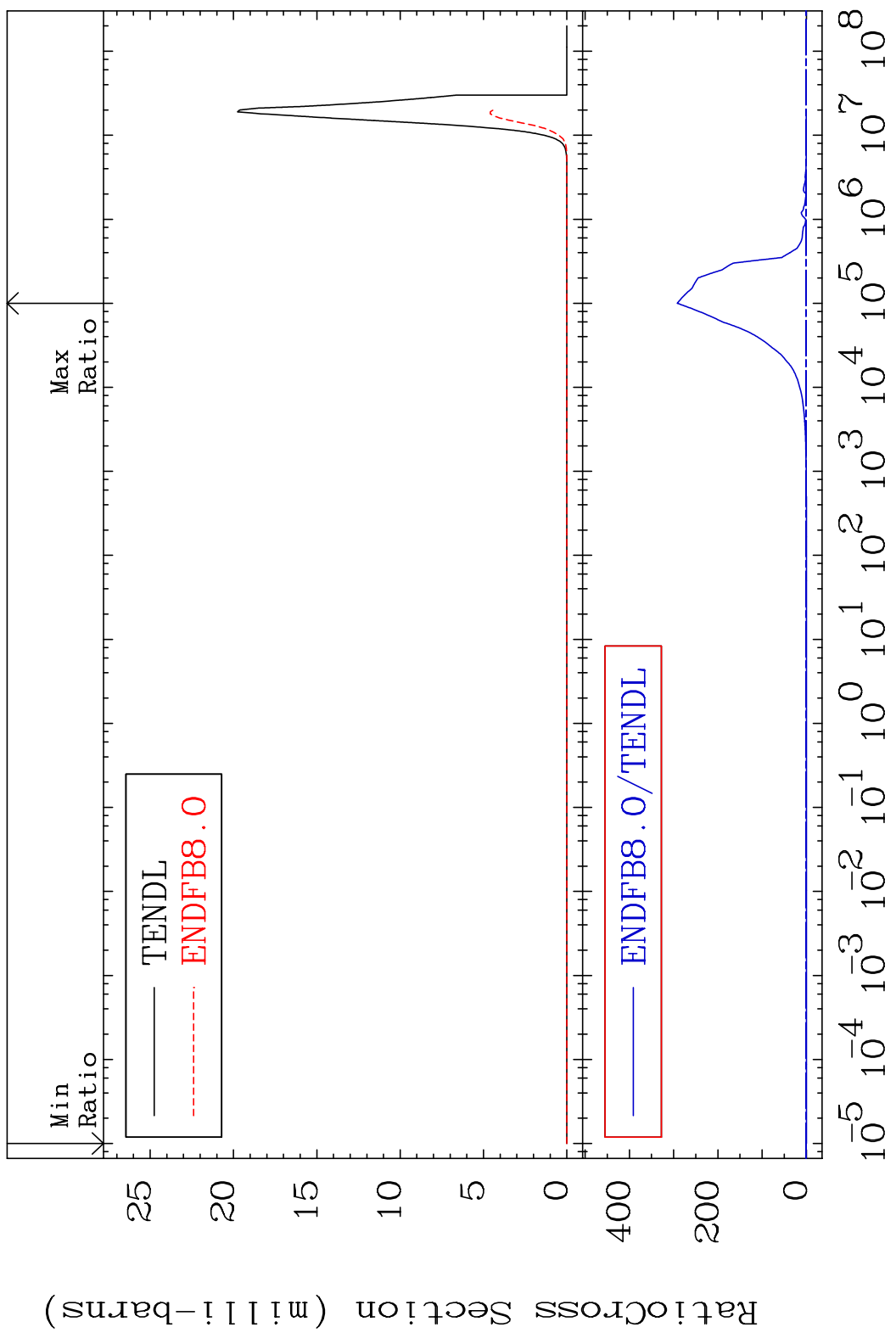
48-Cd-110

MAT 4837

(n, α)

48-Cd-110

Cross Section -100.0 To 9999. %

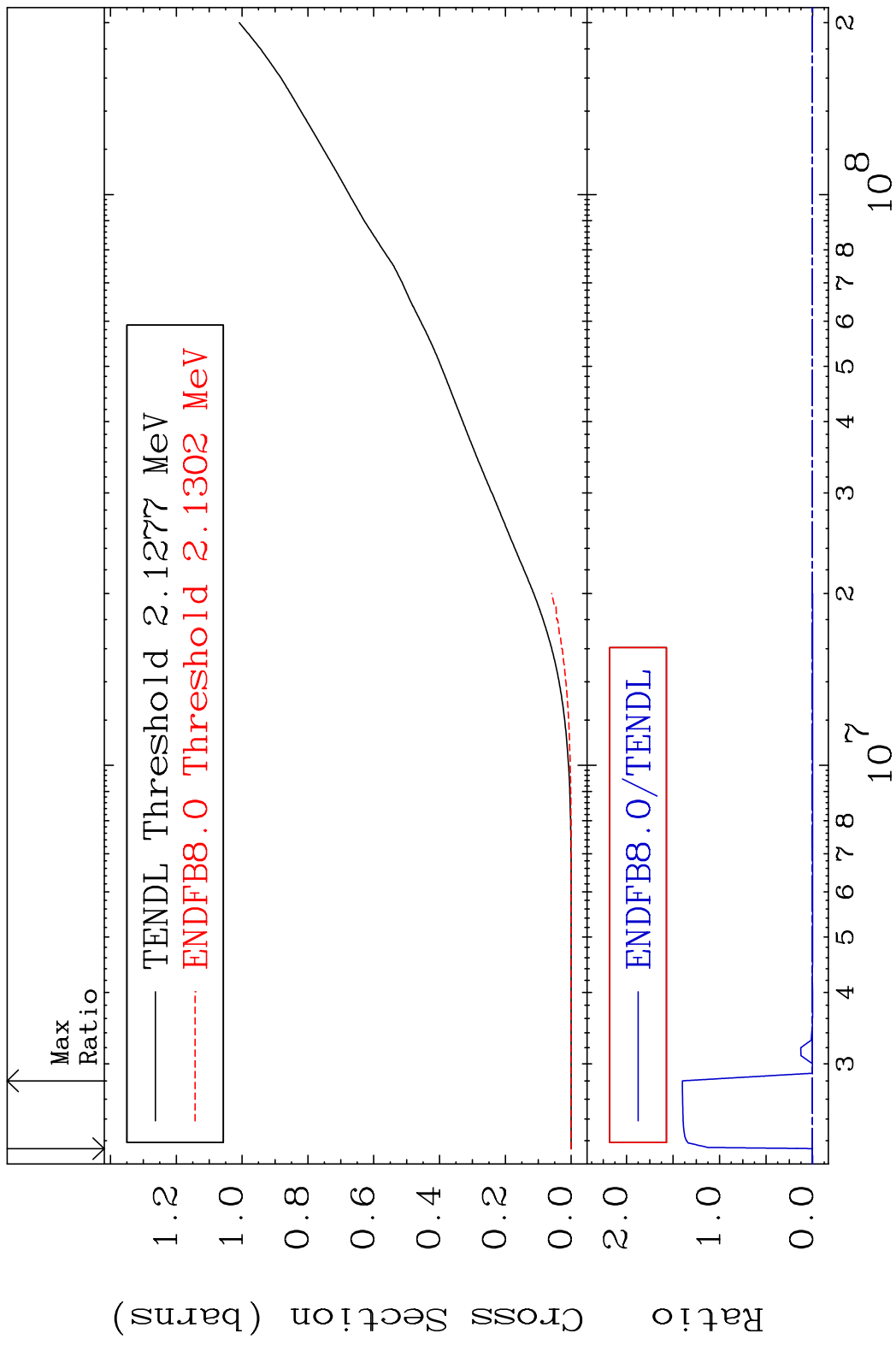


30

Incident Energy (eV)

48-Cd-110

MAT 4837 Hydrogen Production 48-Cd-110
 Cross Section -100.0 To 9999. %

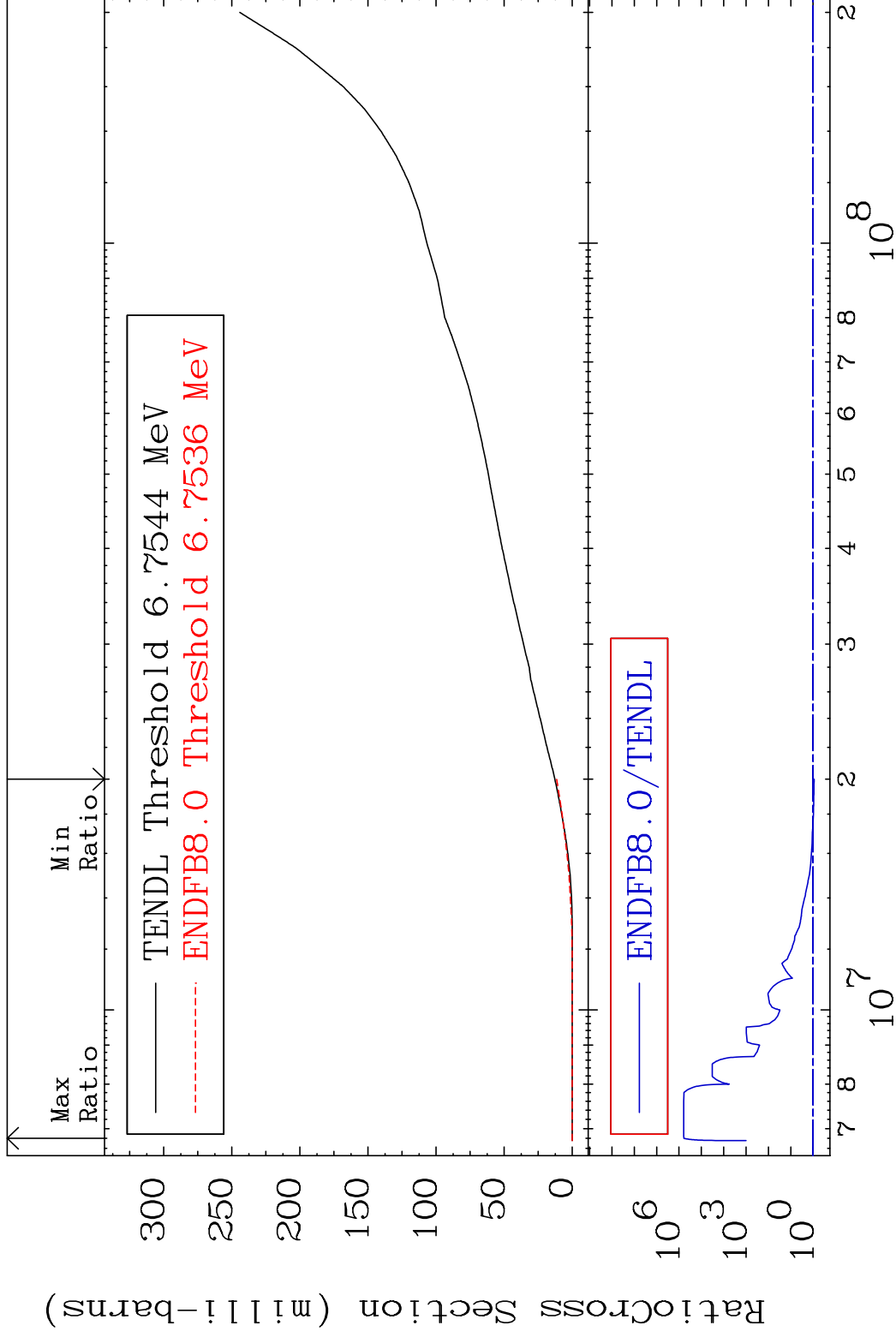


MAT 4837

Deuterium Production

48-Cd-110

Cross Section -9.896 To 9999. %

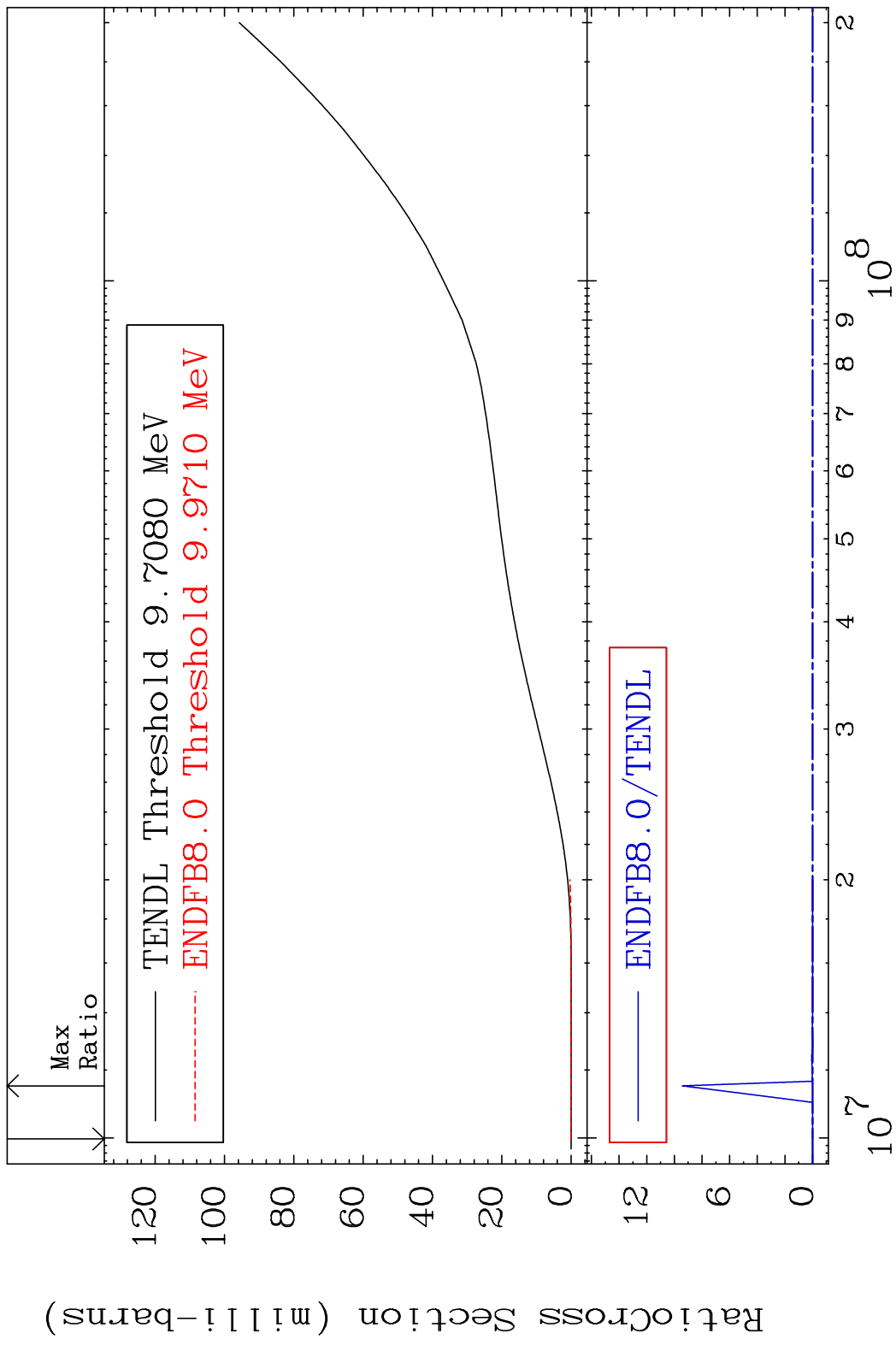


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Incident Energy (eV)

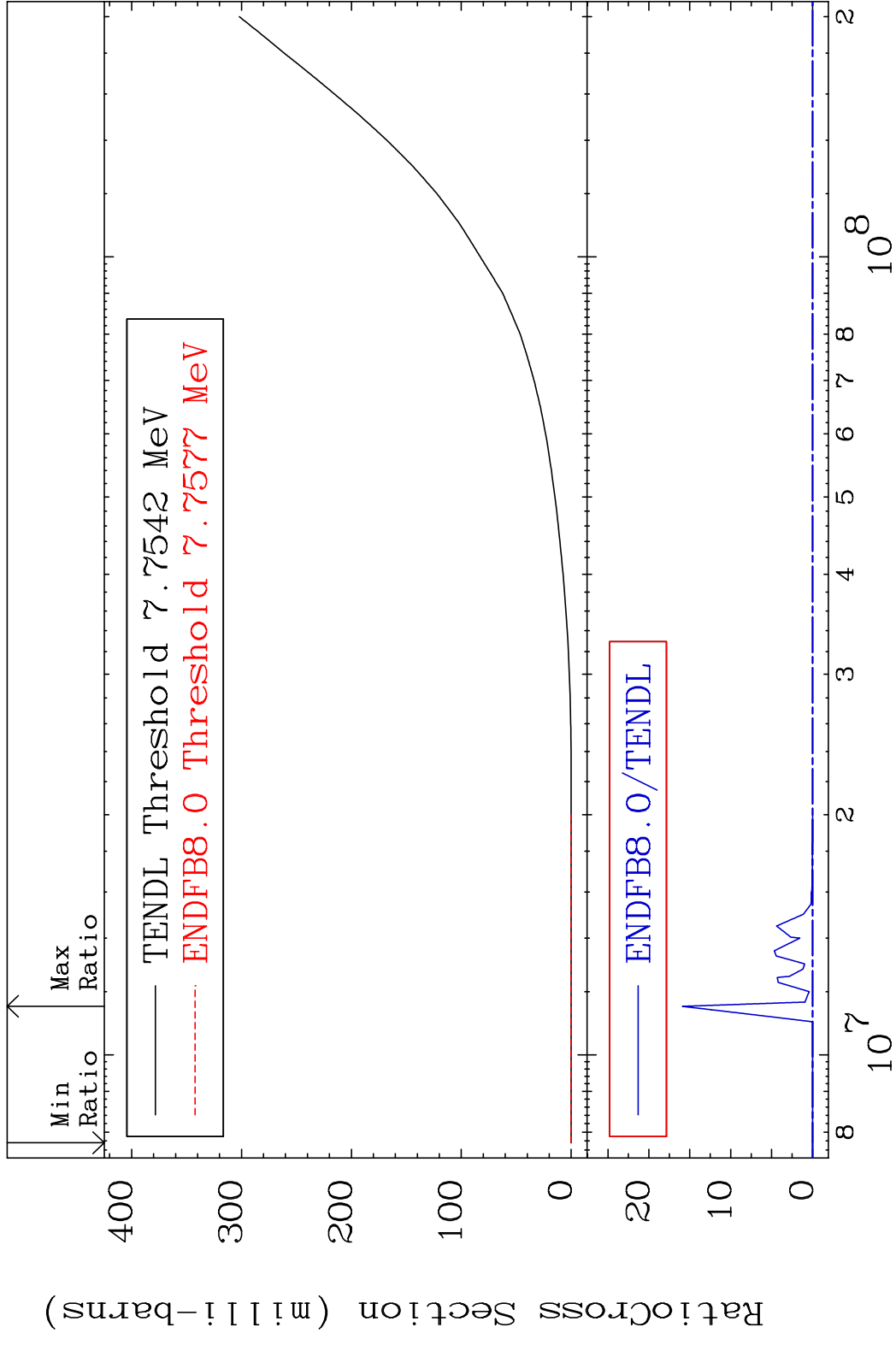
48-Cd-110

MAT 4837 Tritium Production 48-Cd-110
 Cross Section -100.0 To 9999. %



33 Incident Energy (eV) 48-Cd-110

MAT 4837 He-3 Production 48-Cd-110
 Cross Section -100.0 To 9999. %

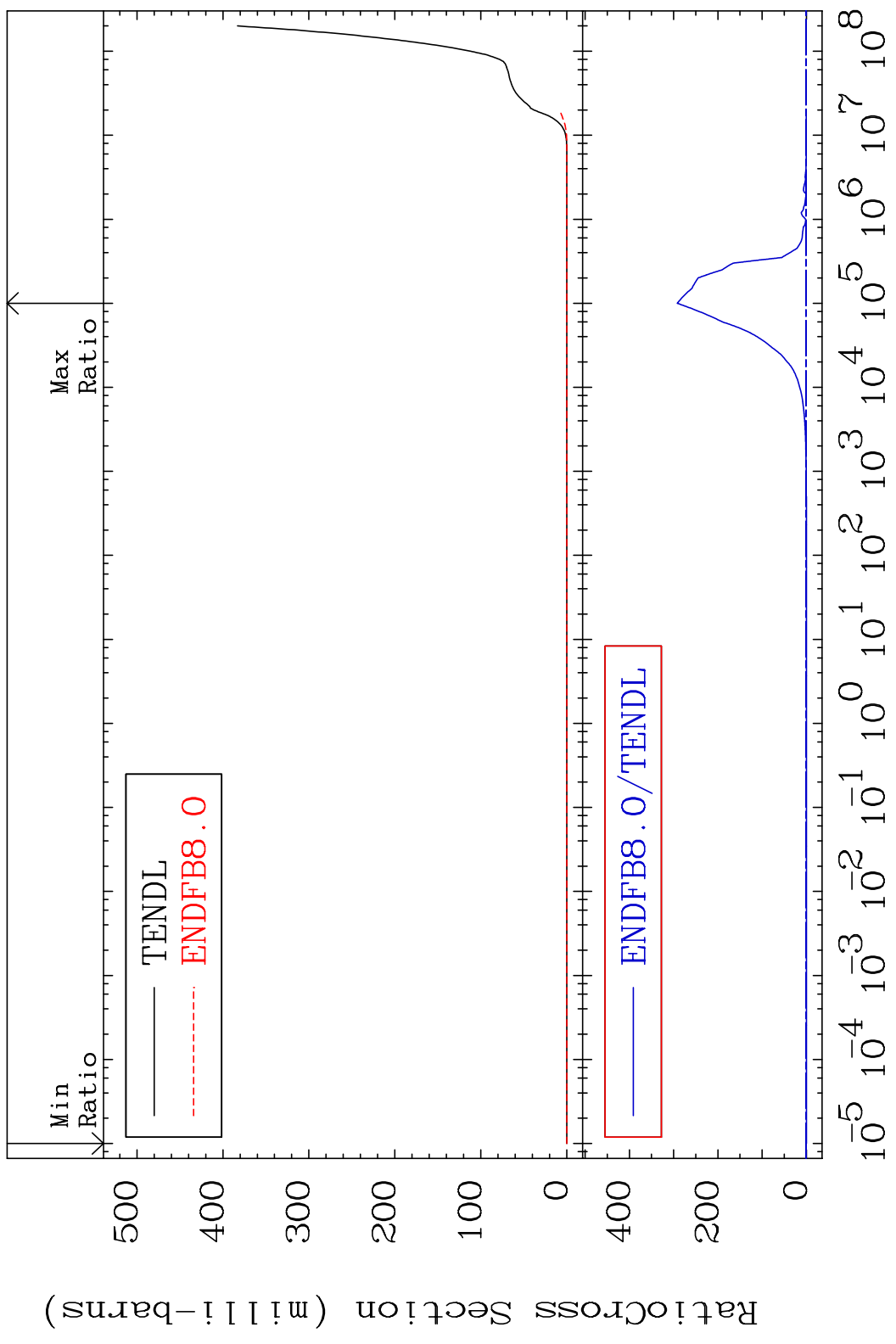


MAT 4837

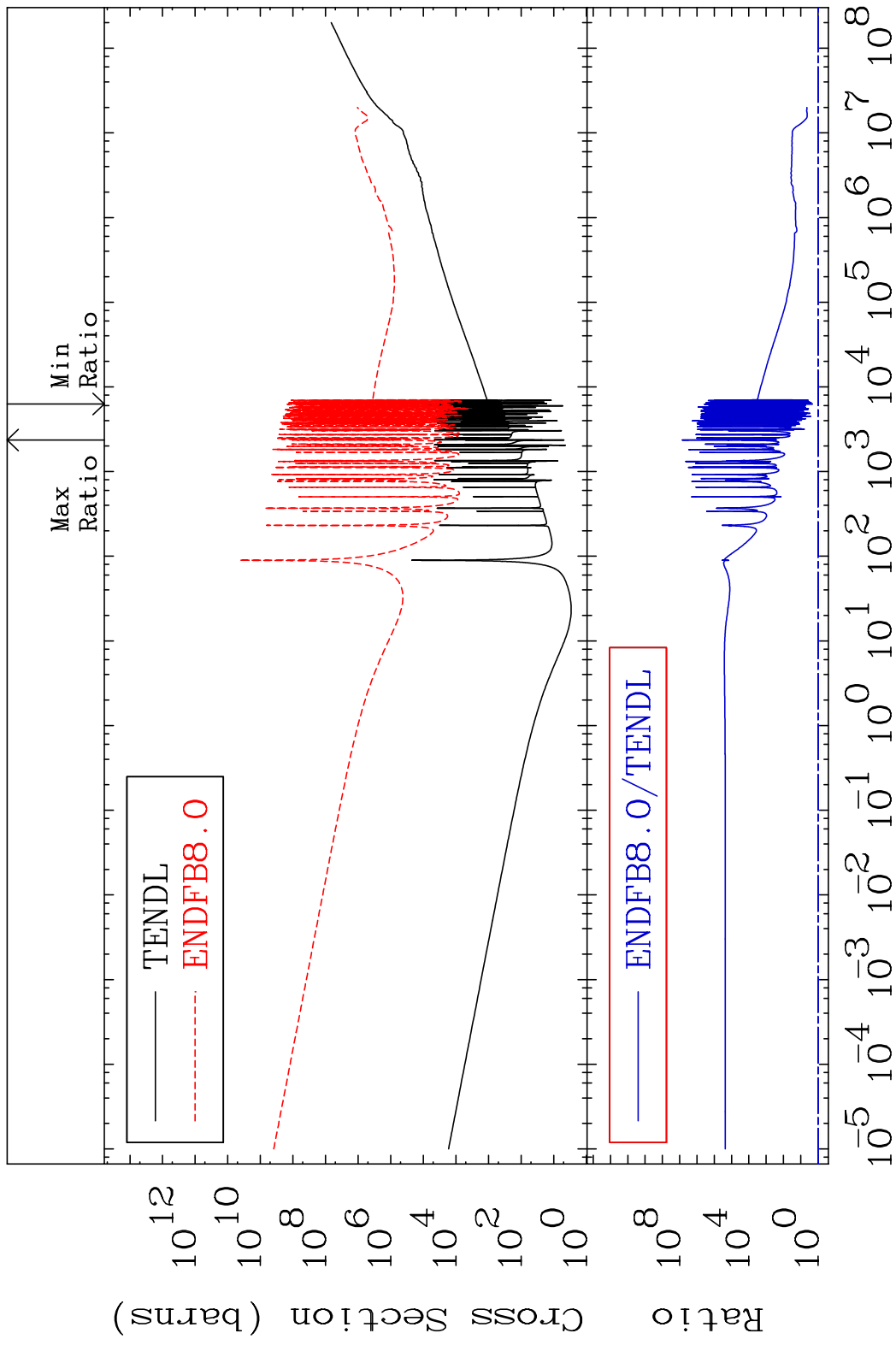
He-4 Production

48-Cd-110

Cross Section -100.0 To 9999. %



MAT 4837 Kerma total (eV-barns) 48-Cd-110
 Cross Section 107.7 To 9999. %

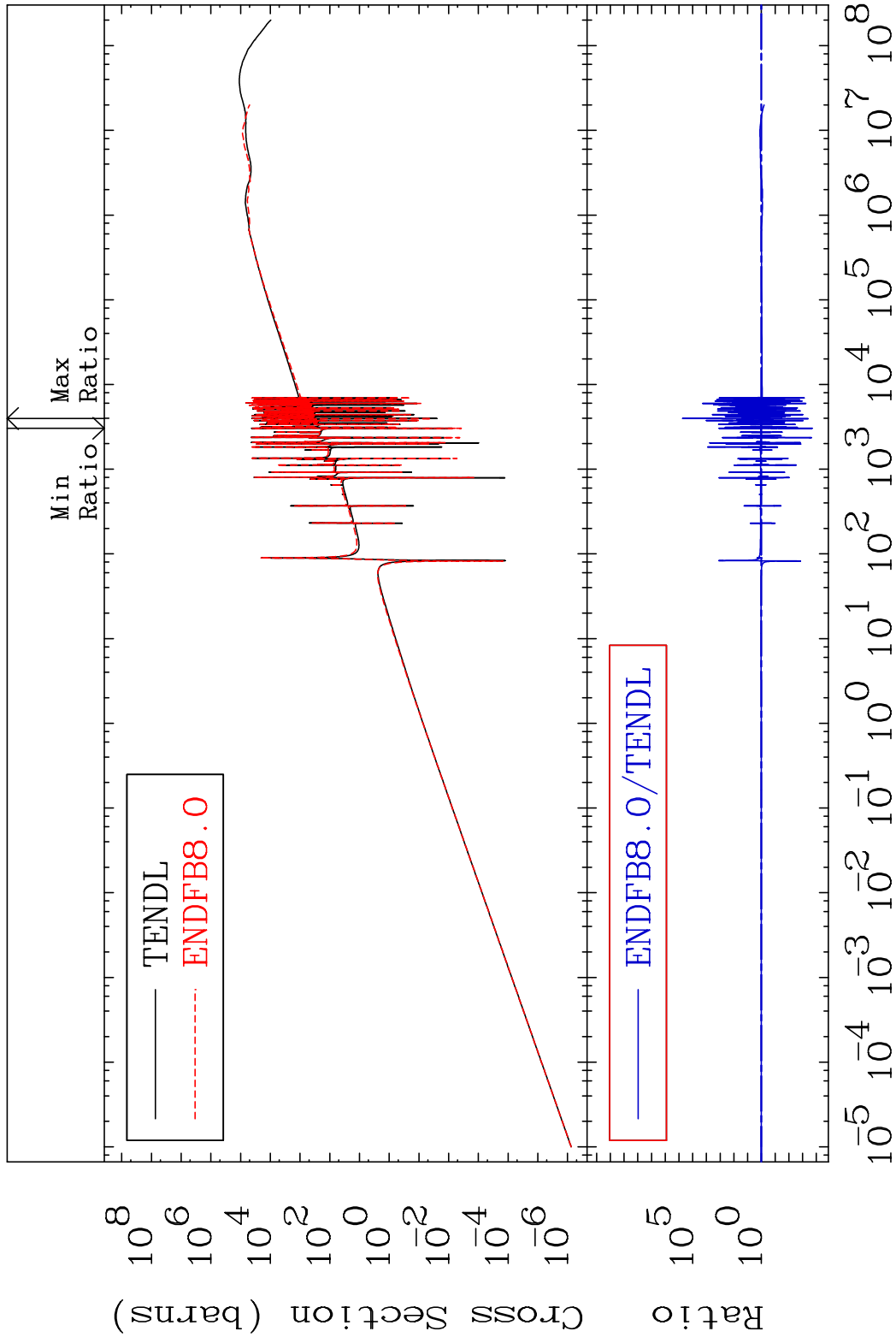


MAT 4837

Kerma elastic

48-Cd-110

Cross Section -99.98 To 9999. %

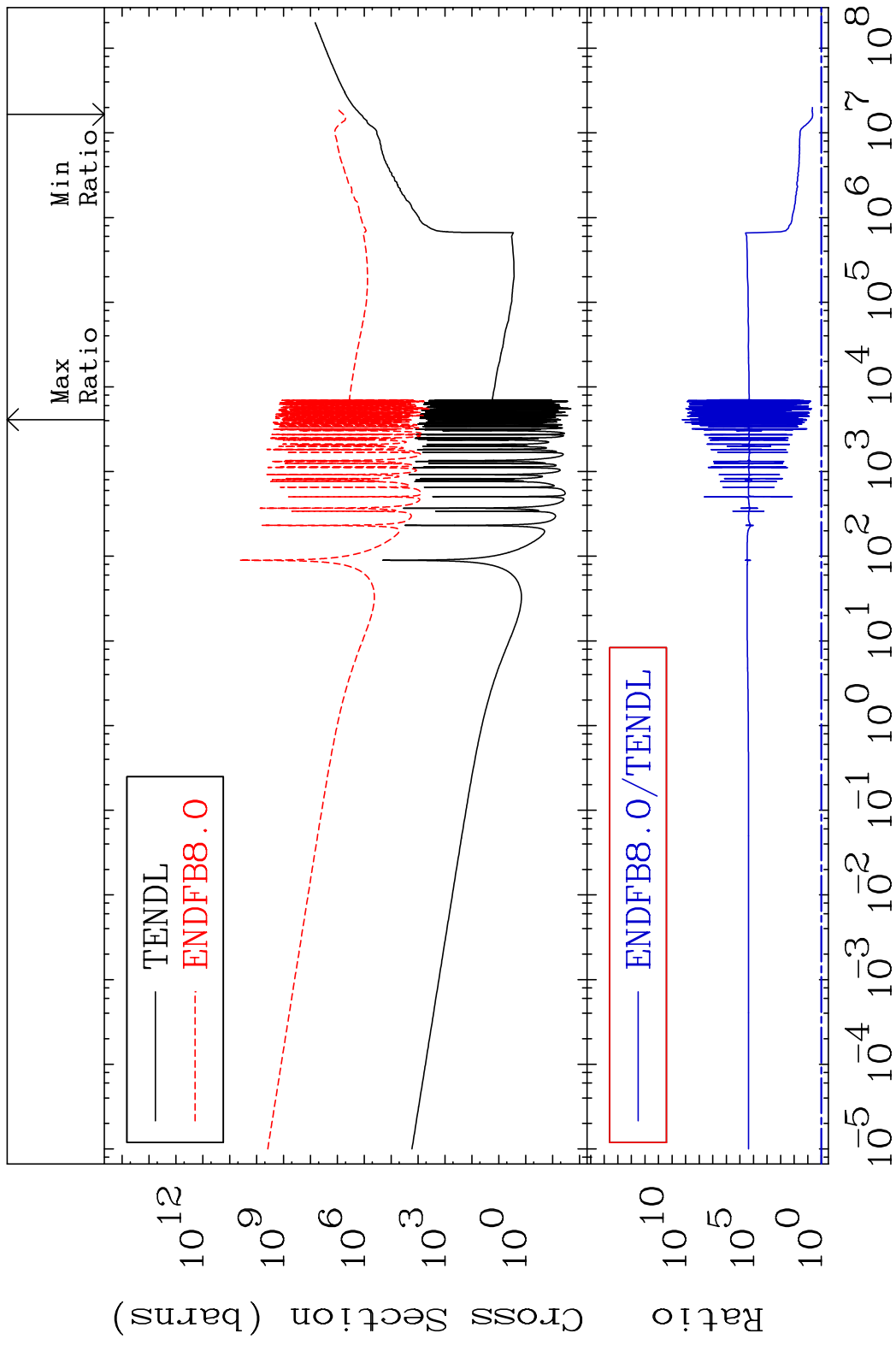


37

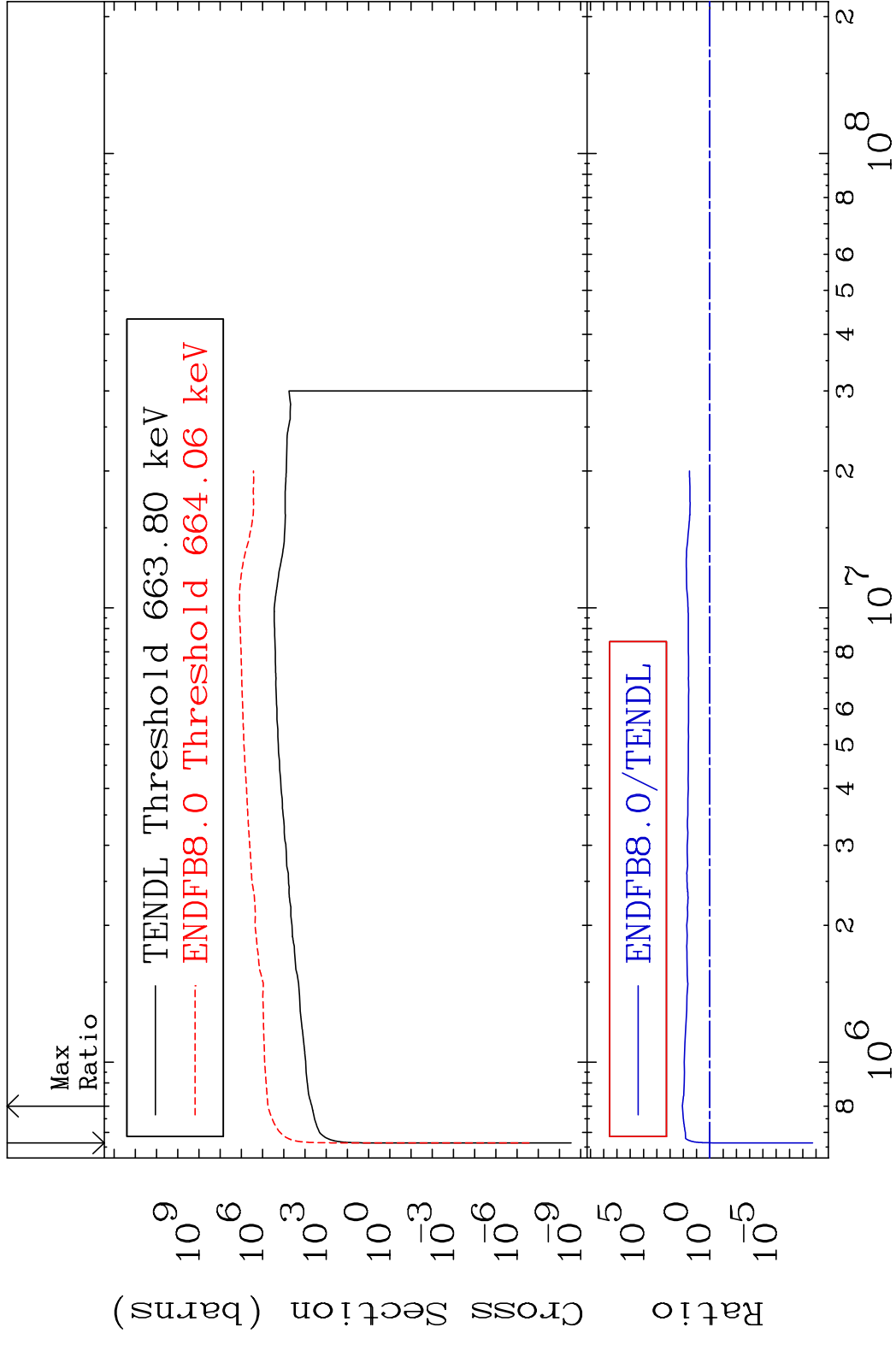
Incident Energy (eV)

48-Cd-110

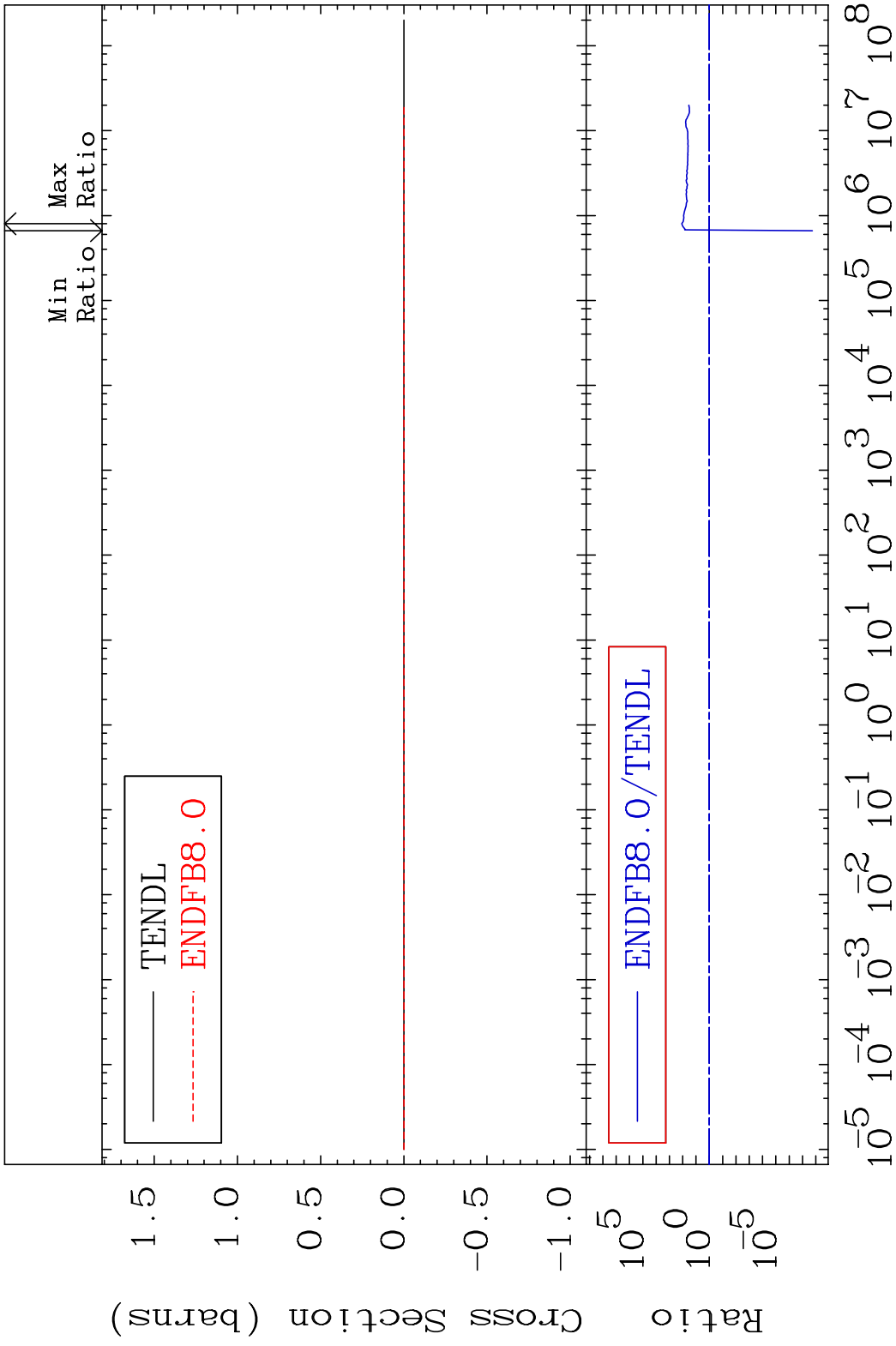
MAT 4837 Kerma non-elastic (all but mt2) 48-Cd-110
 Cross Section 340.6 To 9999. %



MAT 4837 Kerma inelastic (mt51-91) 48-Cd-110
 Cross Section -100.0 To 9999. %

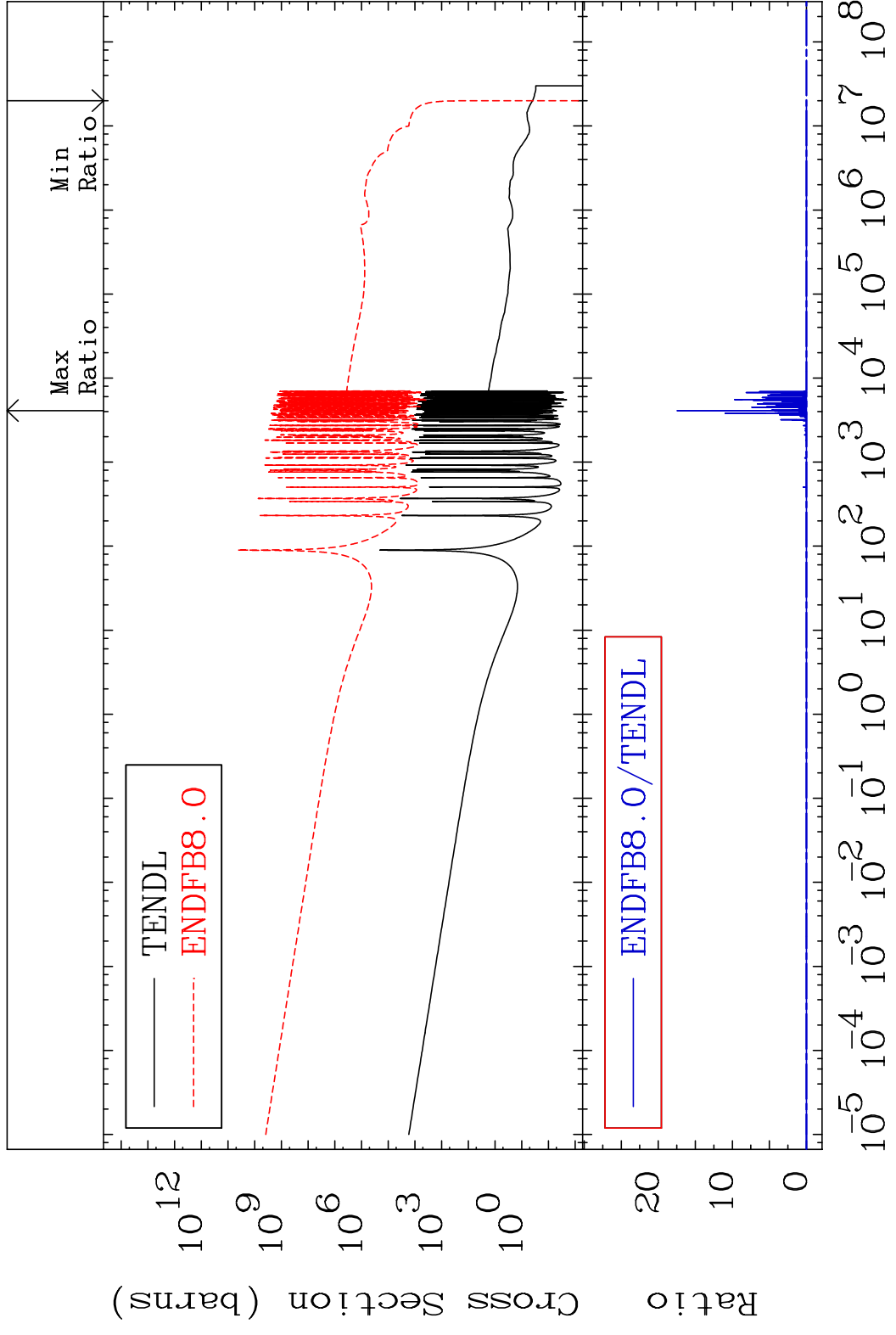


MAT 4837 Kerma fission (mt18 or mt19-20-21-38) 48-Cd-110
 Cross Section -100.0 To 9999. %



MAT 4837

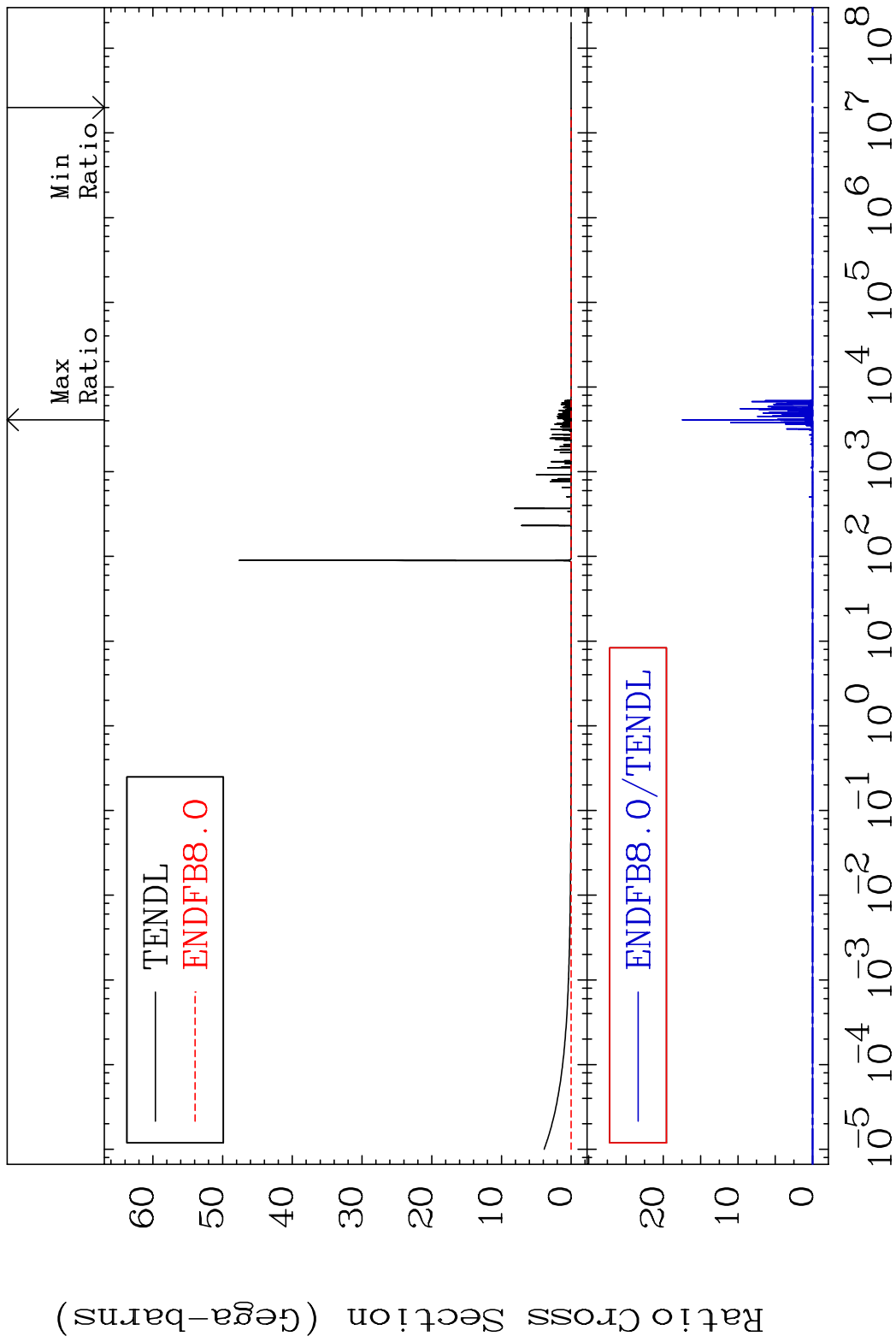
Kerma capture (mt102) 48-Cd-110
Cross Section -100.0 To 9999. %



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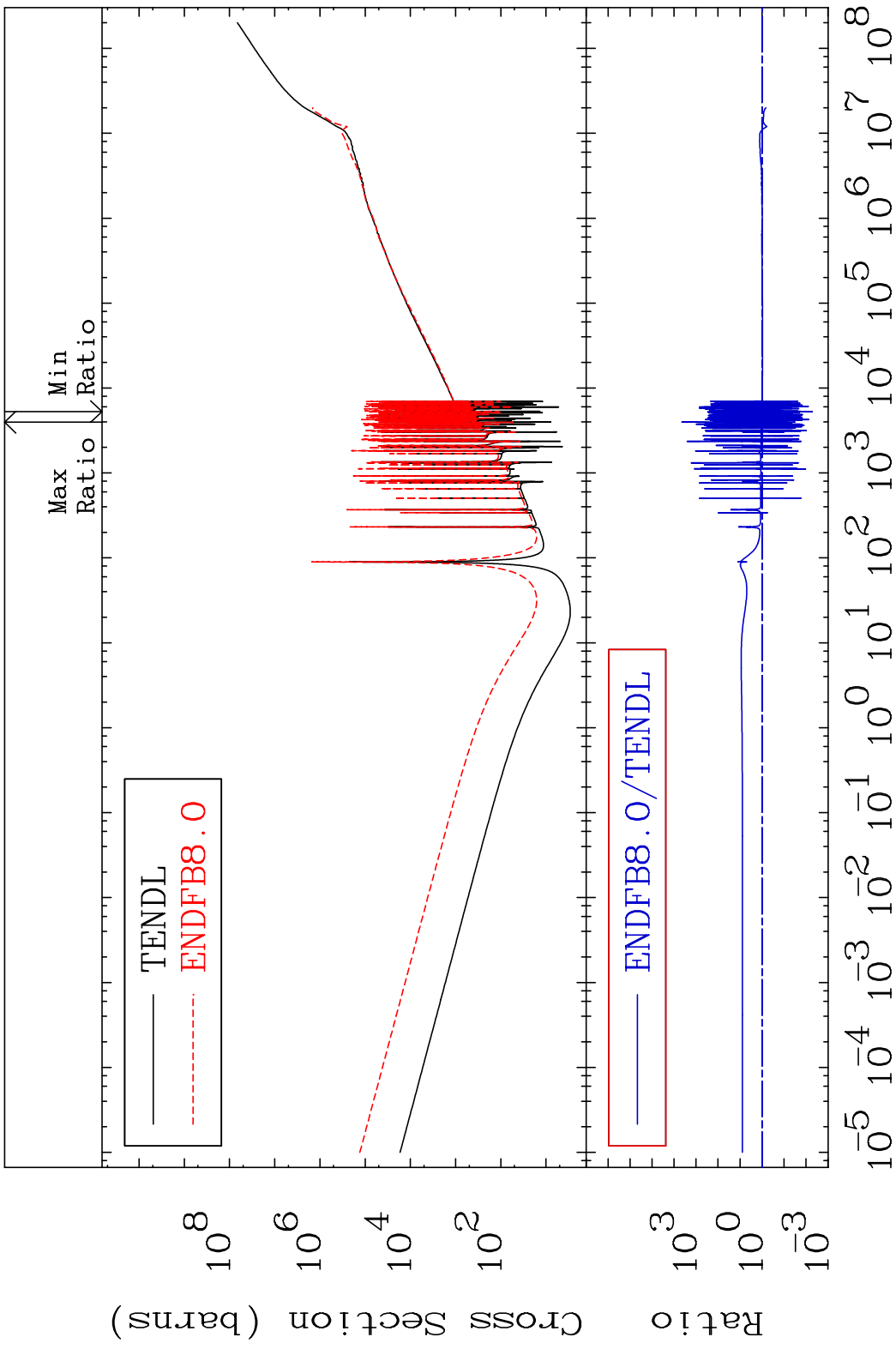
Incident Energy (eV) 48-Cd-110

MAT 4837 Total photon (eV-barns) 48-Cd-110
 Cross Section -100.0 To 9999. %

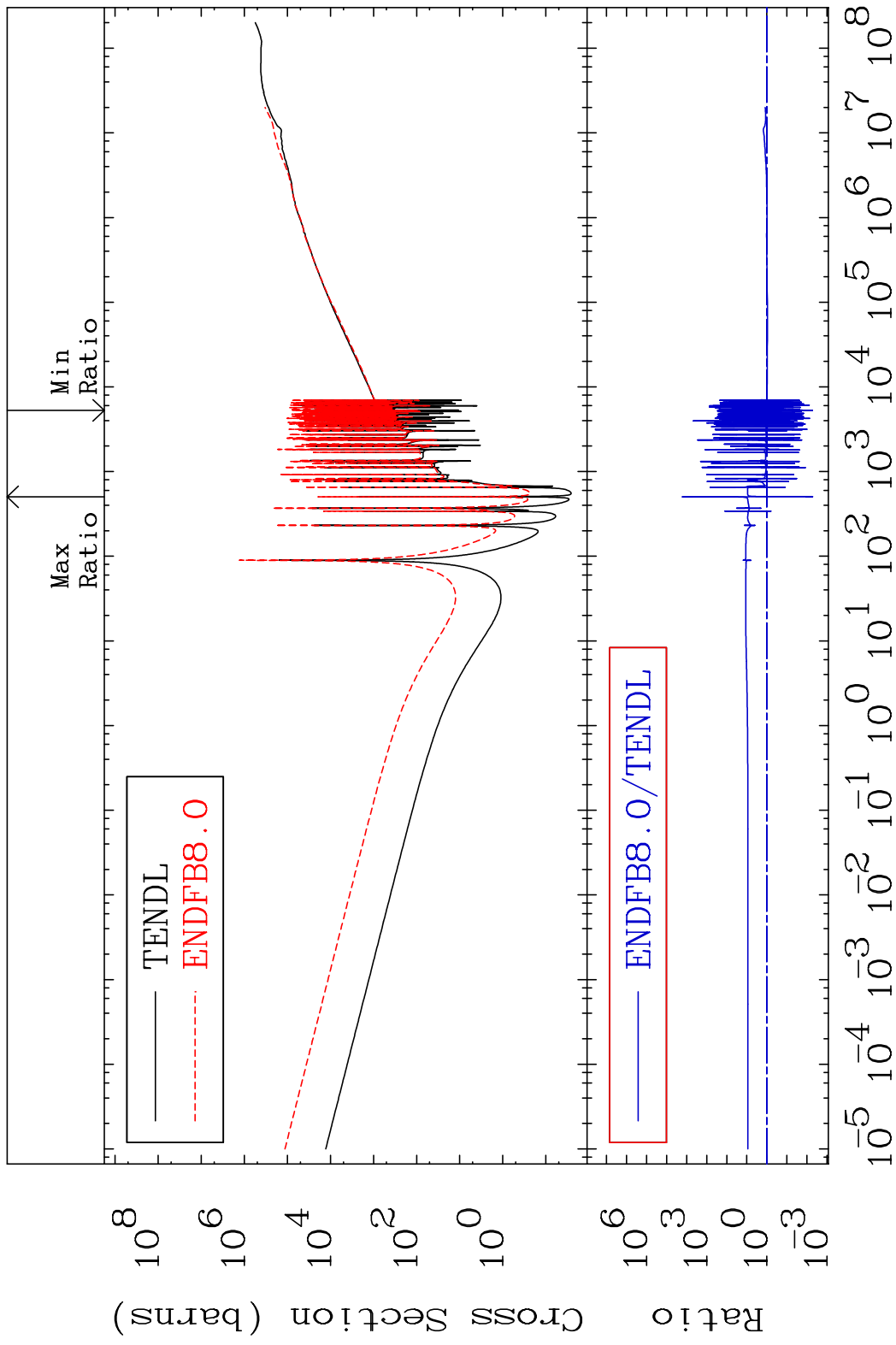


42 Incident Energy (eV) 48-Cd-110

MAT 4837 Total kinematic kerma (high limit) 48-Cd-110
 Cross Section -99.49 To 9999. %



MAT 4837 Dpa total (eV-barns) 48-Cd-110
 Cross Section -99.47 To 9999. %

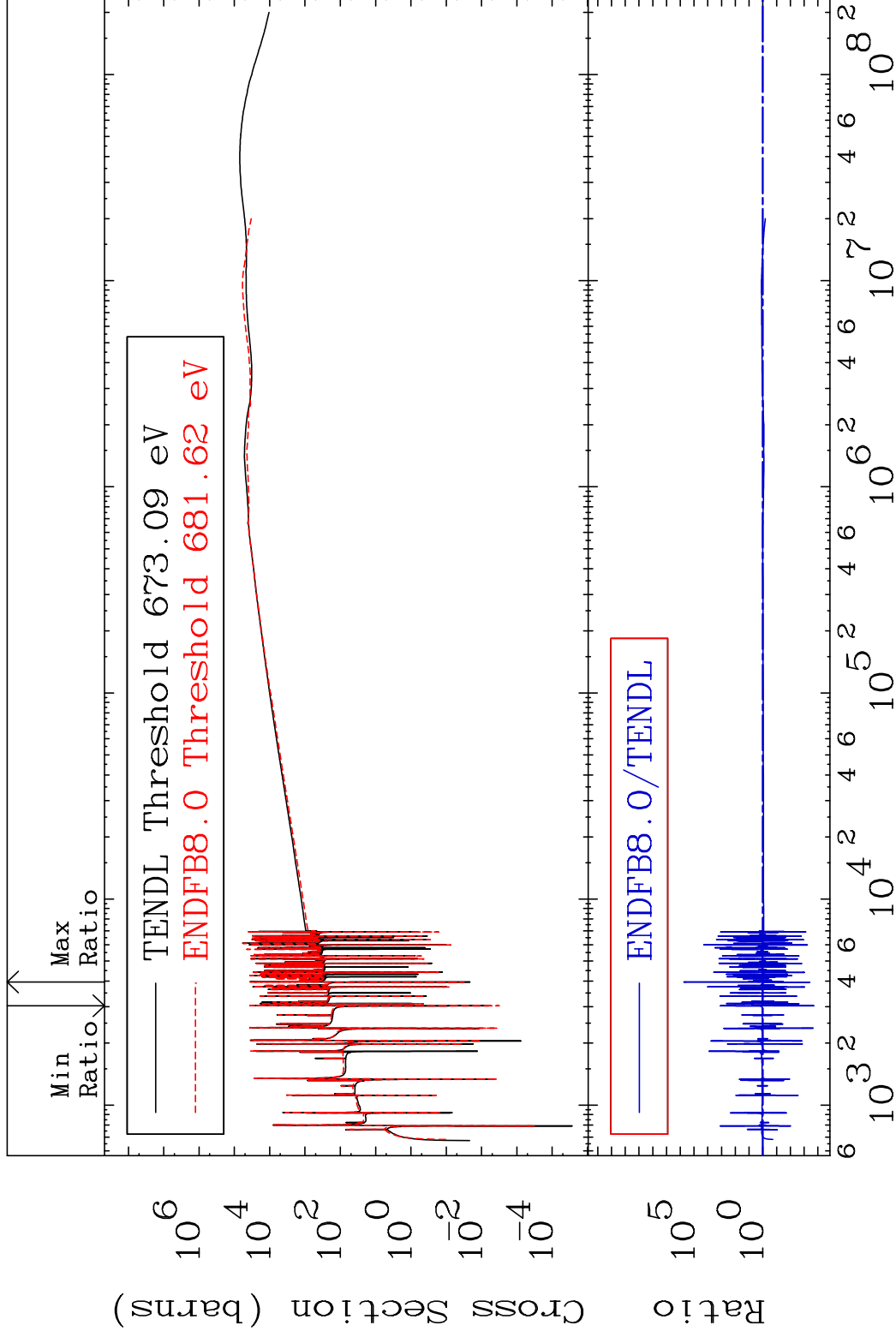


MAT 4837

Dpa elastic (mt2)

48-Cd-110

Cross Section -99.98 To 9999. %

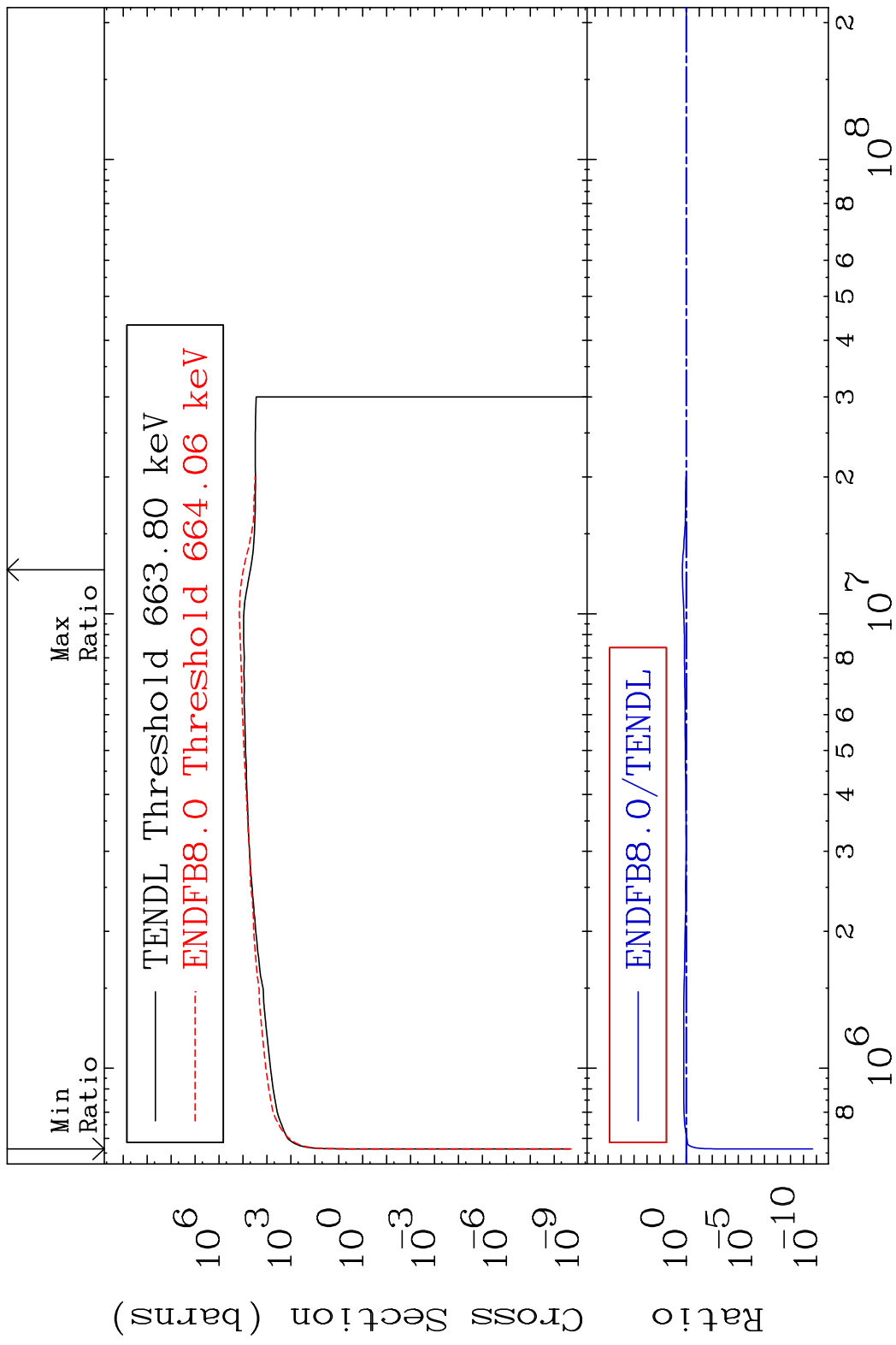


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Incident Energy (eV)

48-Cd-110

MAT 4837 Dpa inelastic (mt51-91) 48-Cd-110
 Cross Section -100.0 To 97.50 %



MAT 4837 Dpa disappearance (mt102 -120) 48-Cd-110
 Cross Section -99.98 To 9999. %

