

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

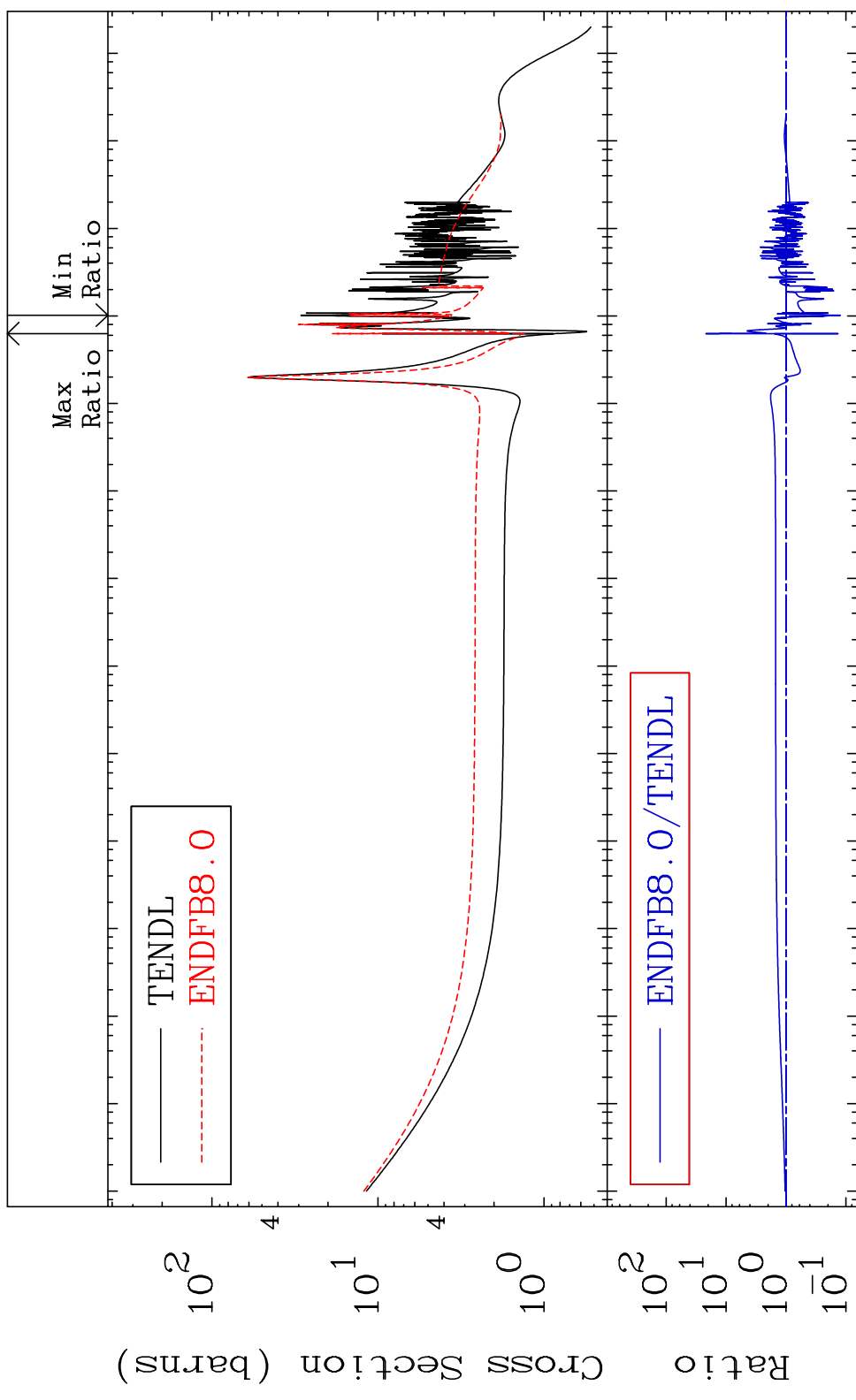
MAT 1228

Total

12-Mg-25

Cross Section

-87.63 To 2088. %



1

Incident Energy (eV)

12-Mg-25

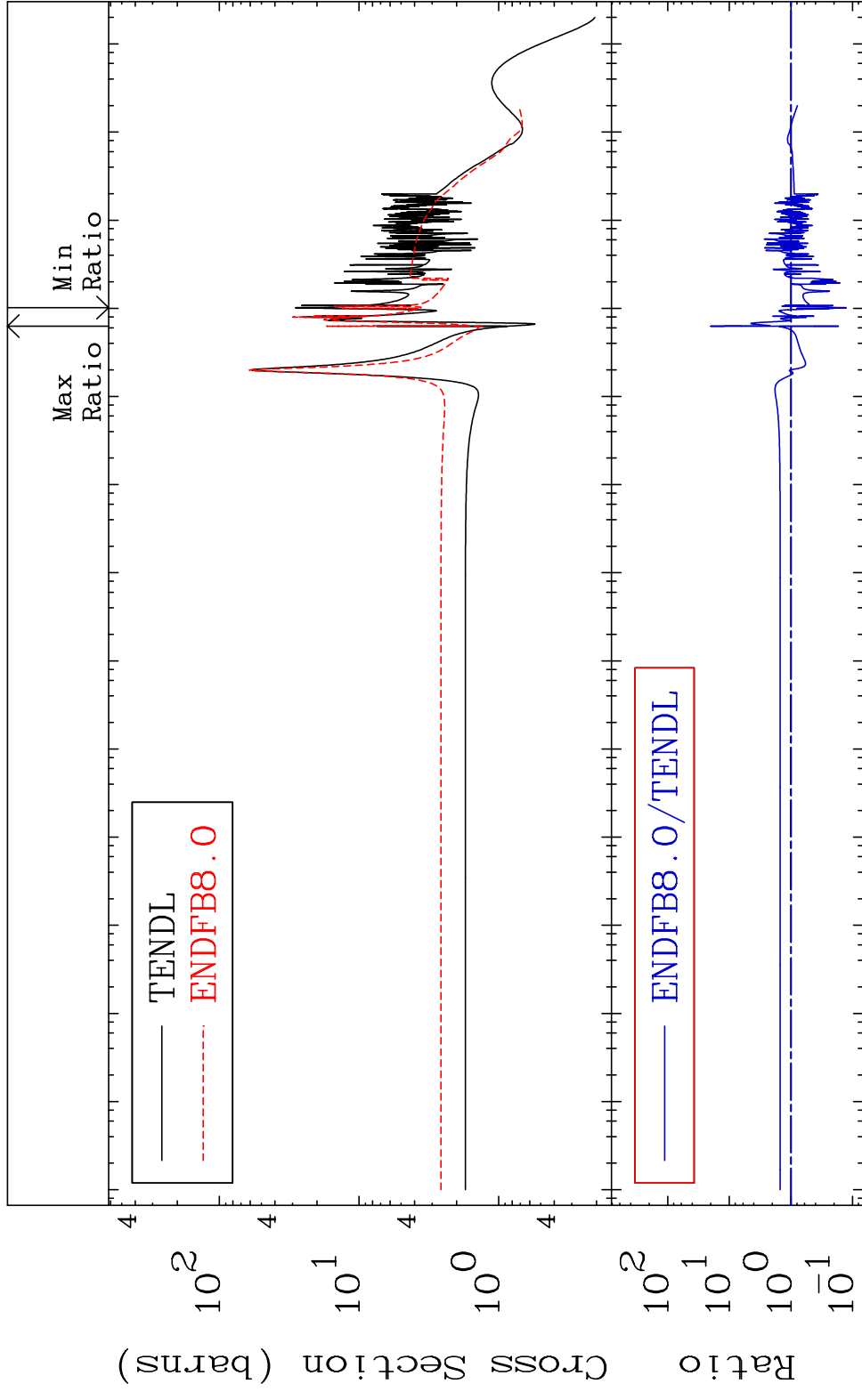
MAT 1228

Elastic

12-Mg-25

Cross Section

-87.39 To 1905. %

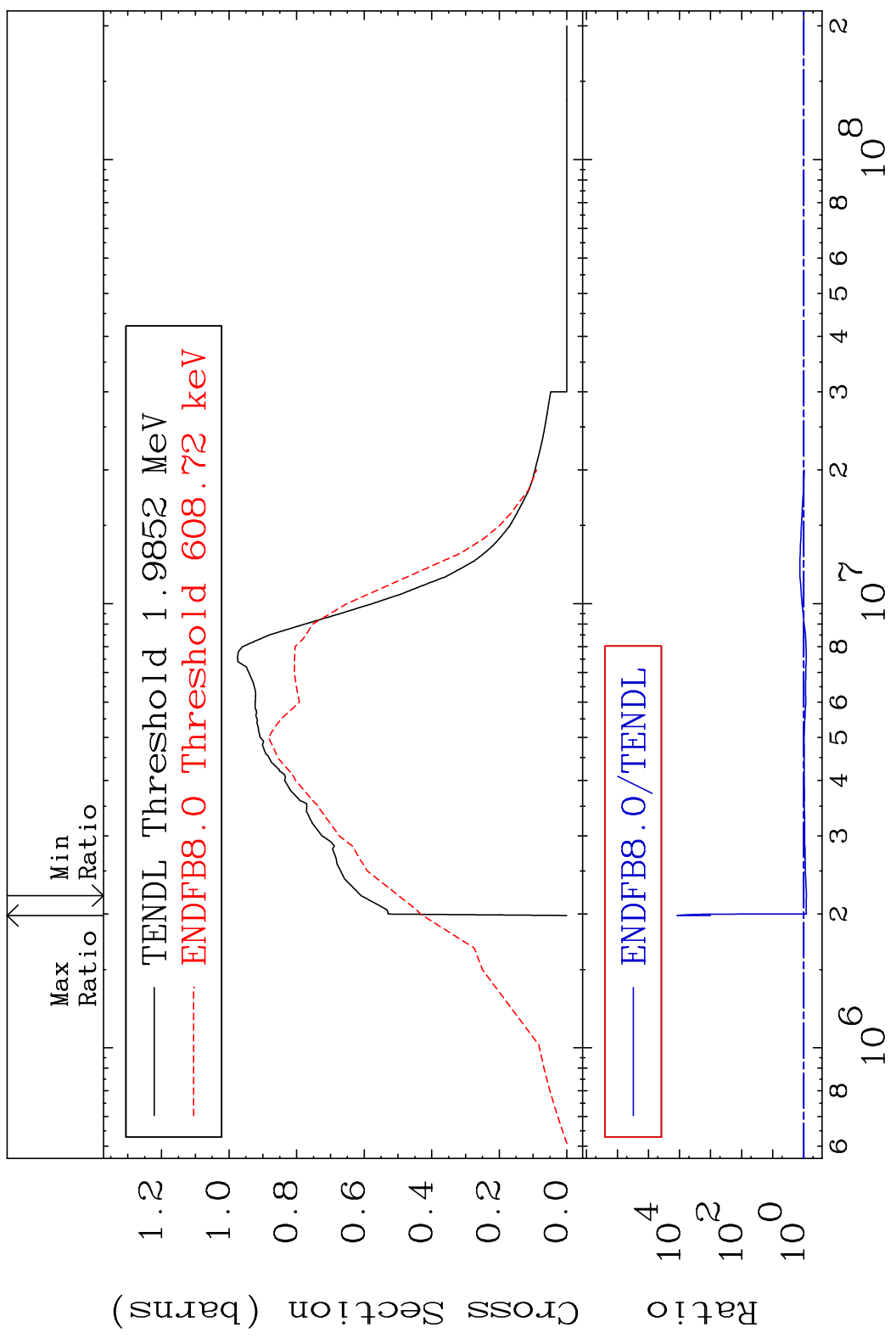


MAT 1228

Inelastic

12-Mg-25

Cross Section -18.31 To 9999. %



3

Incident Energy (eV)

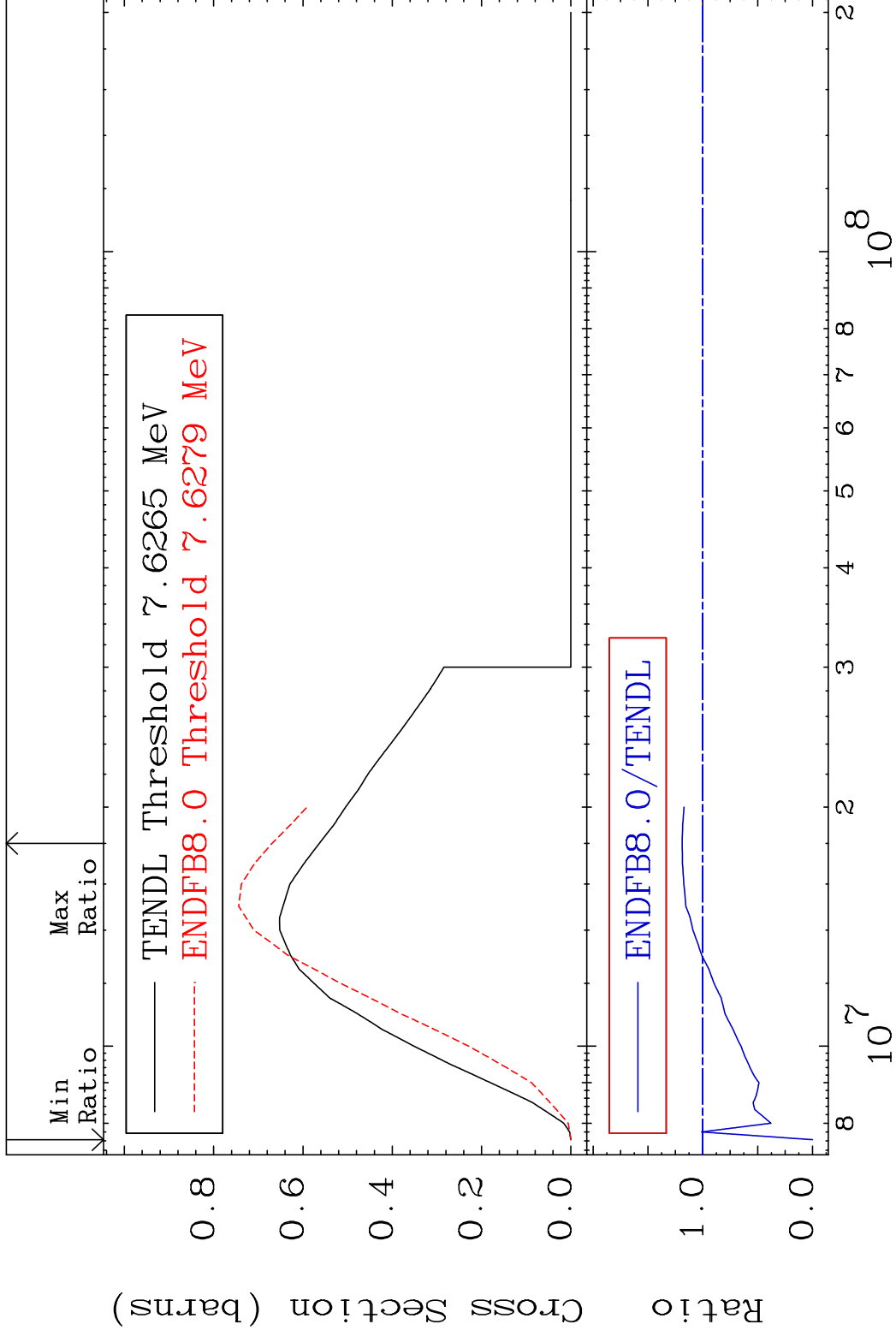
12-Mg-25

MAT 1228

(n,2n)

12-Mg-25

Cross Section -100.0 To 18.81 %

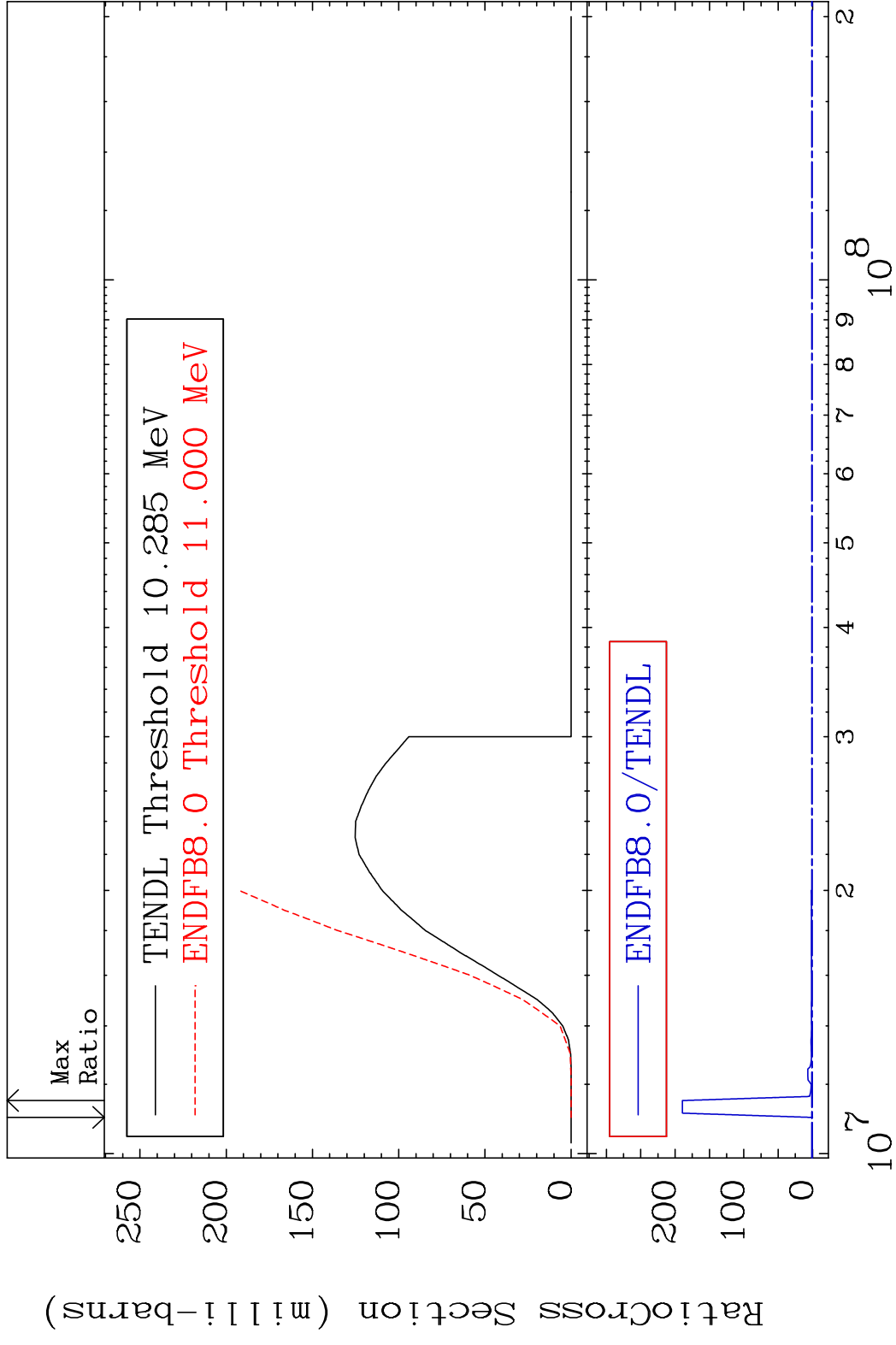


4

Incident Energy (eV)

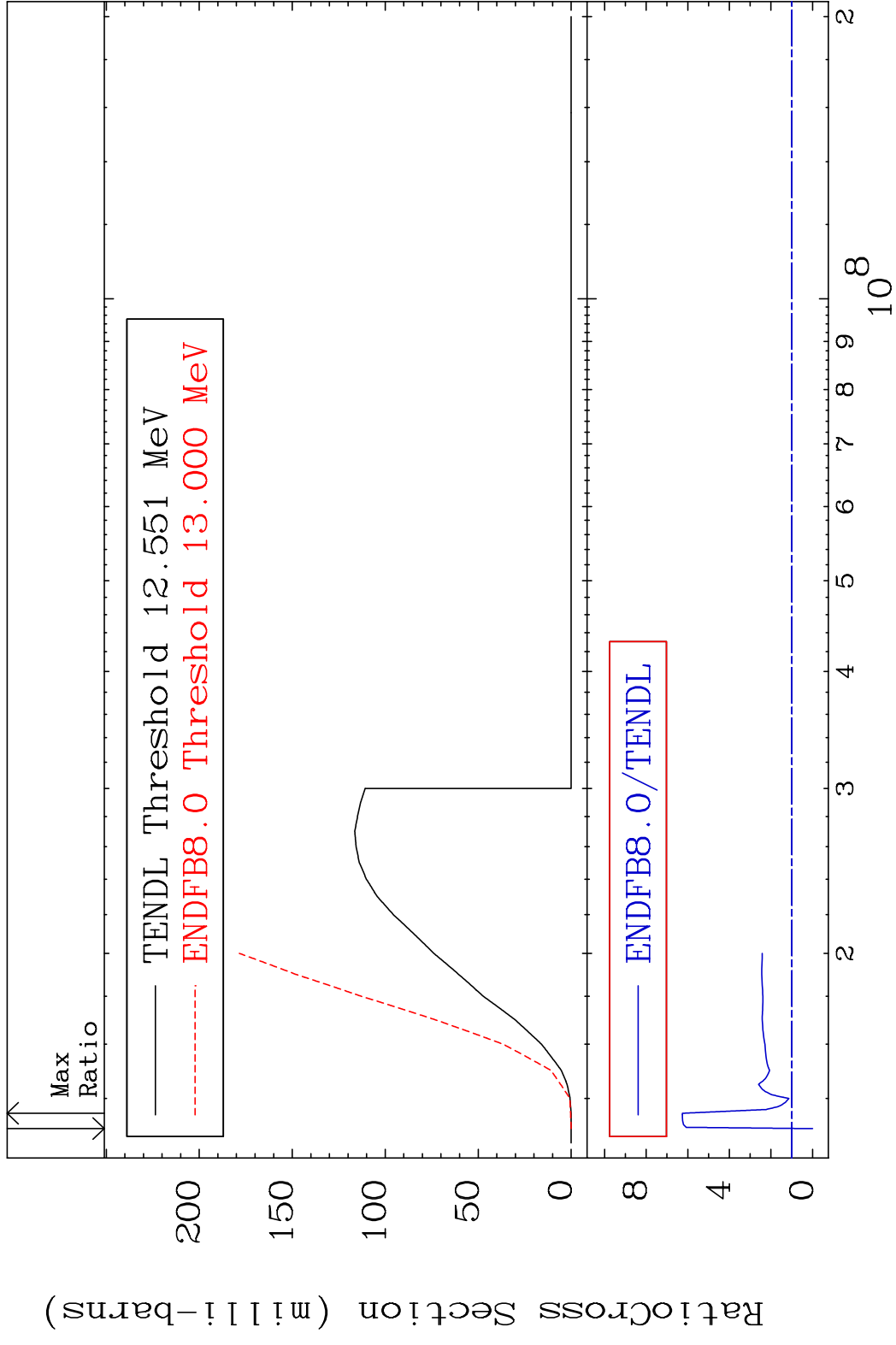
12-Mg-25

MAT 1228 (n, n') α 12-Mg-25
 Cross Section -100.0 To 9999. %

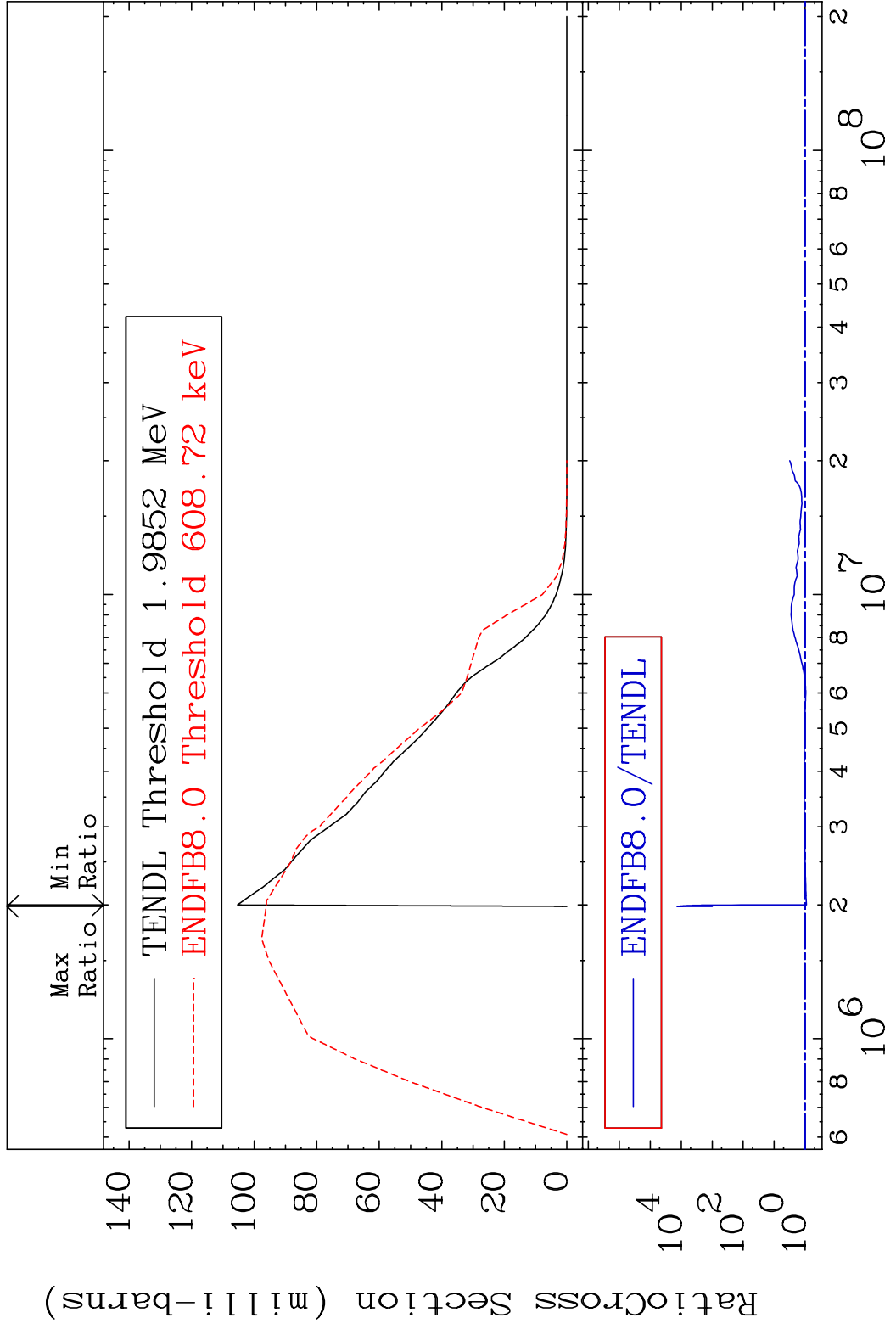


5 12-Mg-25

MAT 1228 (n, n') p 12-Mg-25
 Cross Section -100.0 To 526.0 %

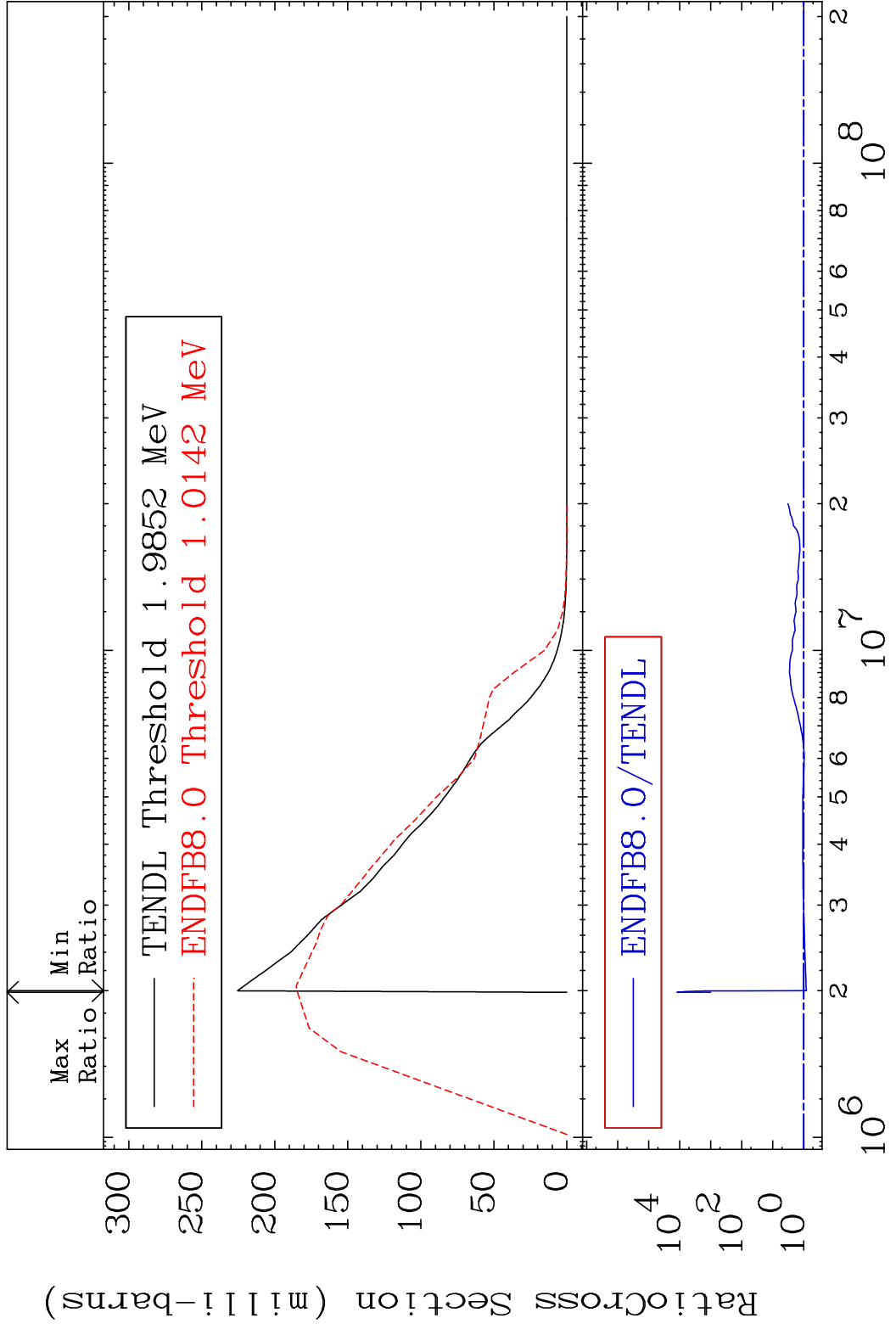


MAT 1228 MT= 51 (n, n') Level 12-Mg-25
 Cross Section -8.792 To 9999. %



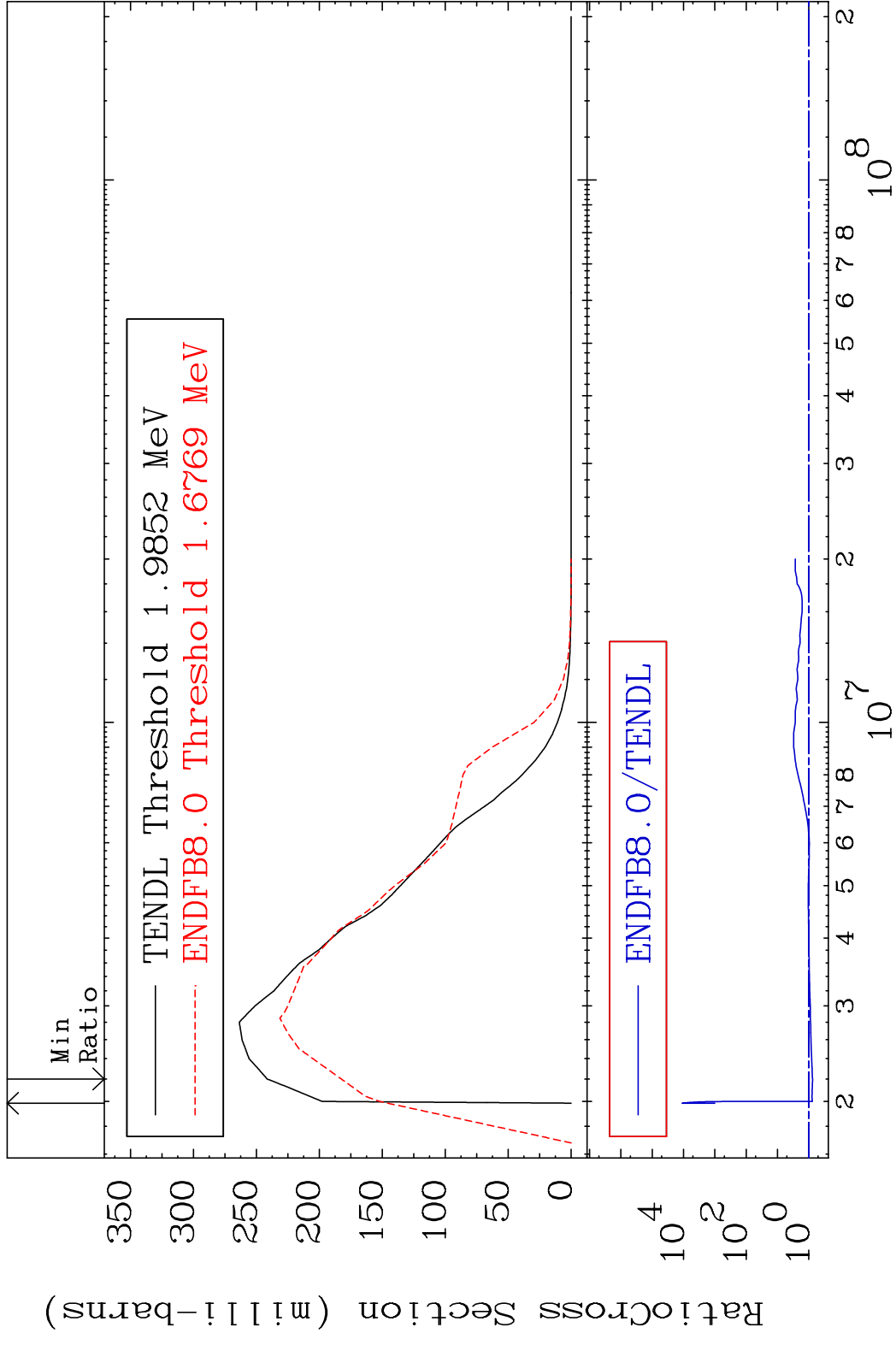
7 Incident Energy (eV) 12-Mg-25

MAT 1228 MT= 52 (n, n') Level 12-Mg-25
 Cross Section -18.06 To 9999. %

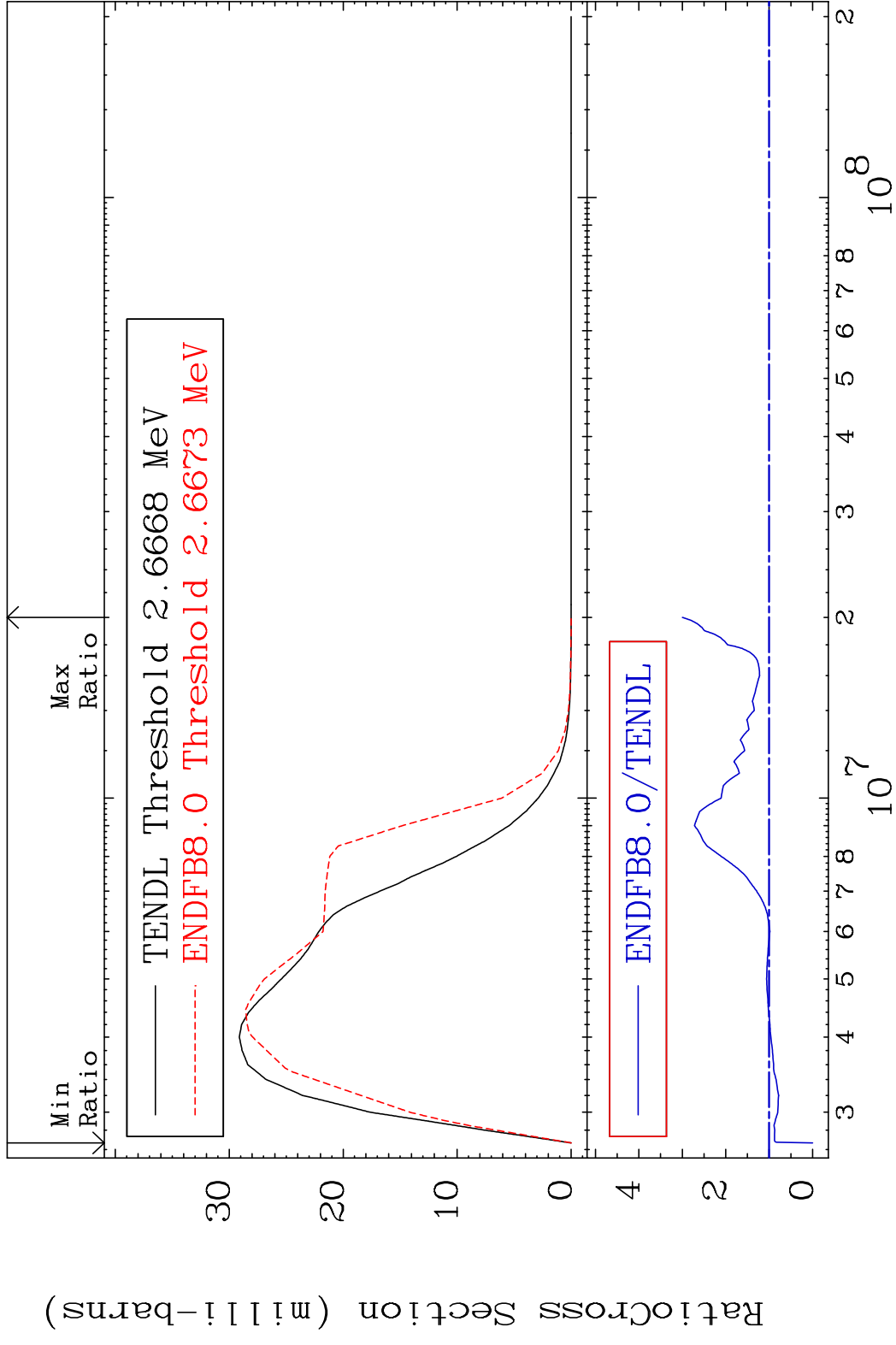


8 8 Incident Energy (eV) 12-Mg-25

MAT 1228 MT= 53 (n, n') Level 12-Mg-25
 Cross Section -24.40 To 9999. %

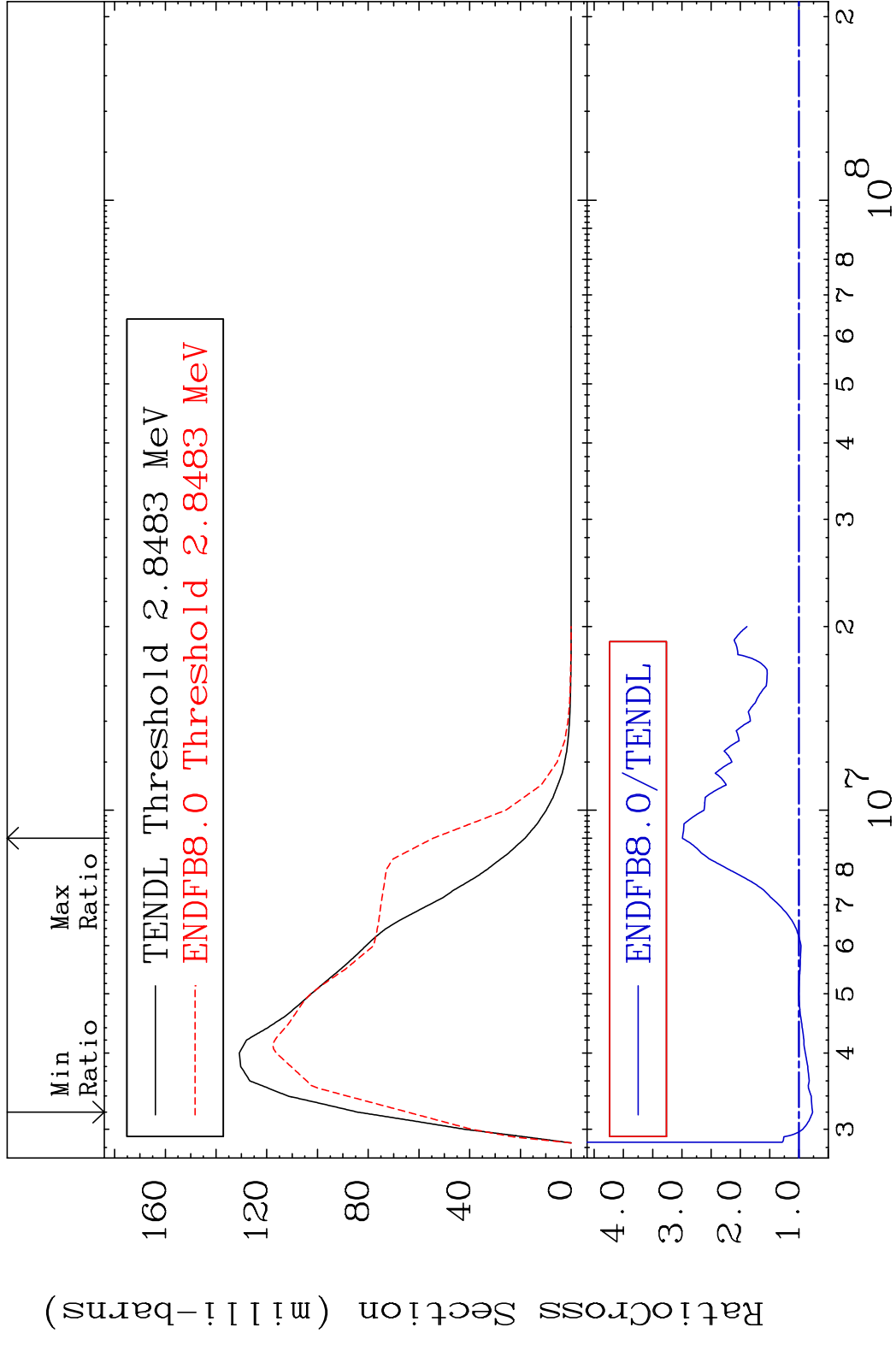


MAT 1228 MT= 55 (n, n') Level 12-Mg-25
 Cross Section -100.0 To 199.8 %



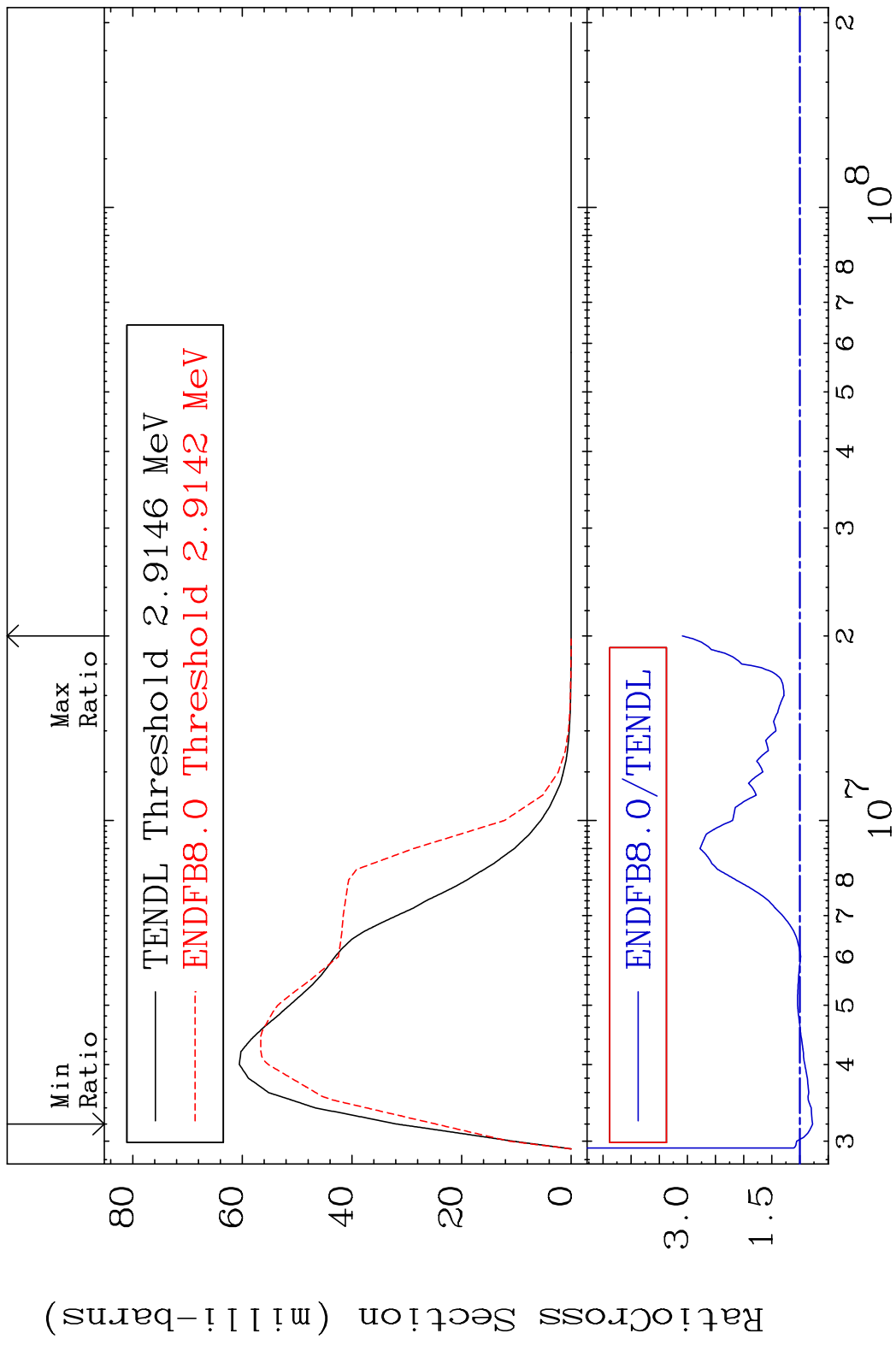
11 Incident Energy (eV) 12-Mg-25

MAT 1228 MT= 56 (n,n') Level 12-Mg-25
 Cross Section -23.41 To 199.2 %



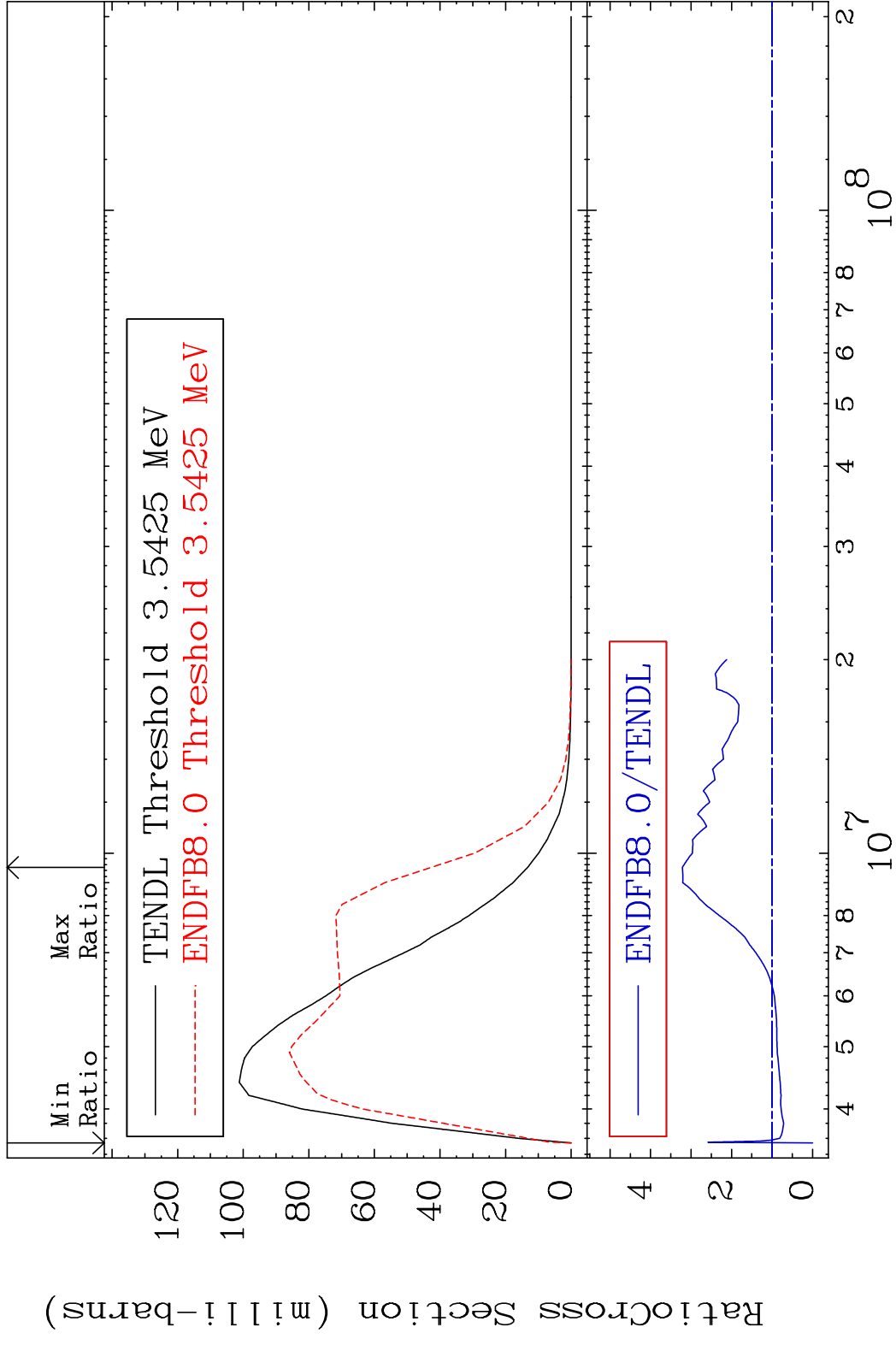
12 Incident Energy (eV) 12-Mg-25

MAT 1228 MT= 57 (n, n') Level 12-Mg-25
 Cross Section -22.47 To 208.9 %

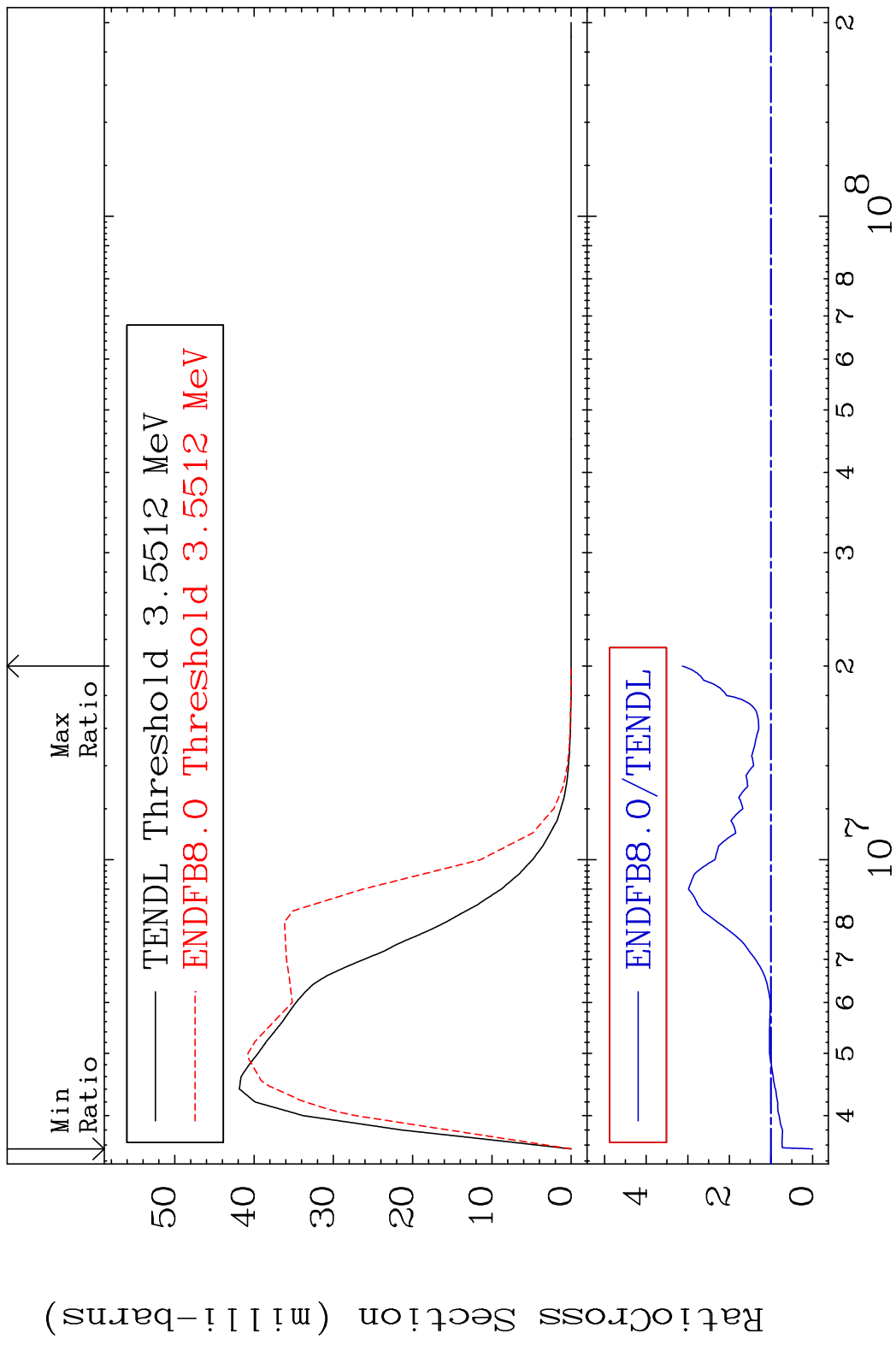


13 12-Mg-25

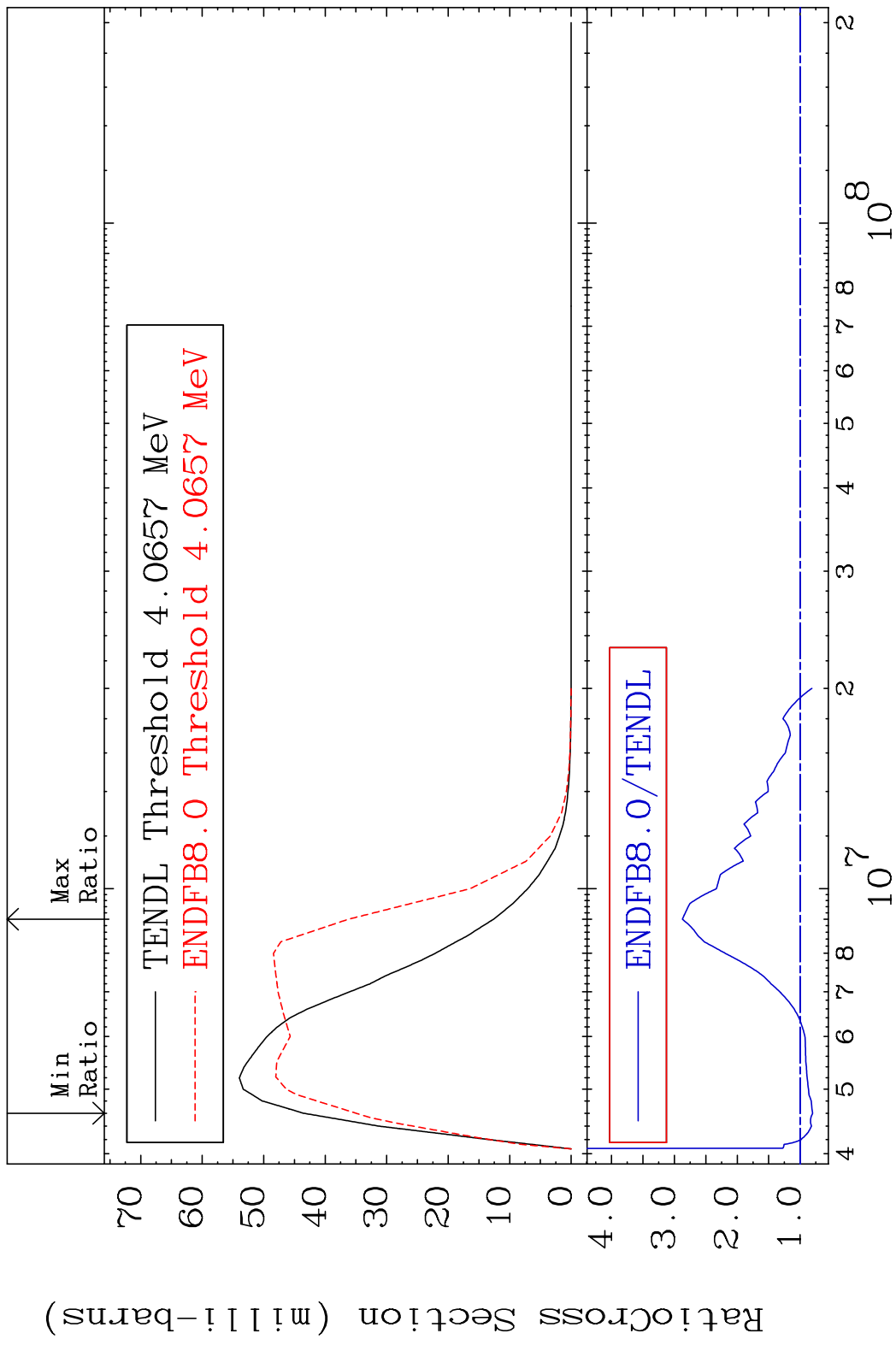
MAT 1228 MT= 58 (n,n') Level 12-Mg-25
 Cross Section -100.0 To 221.5 %



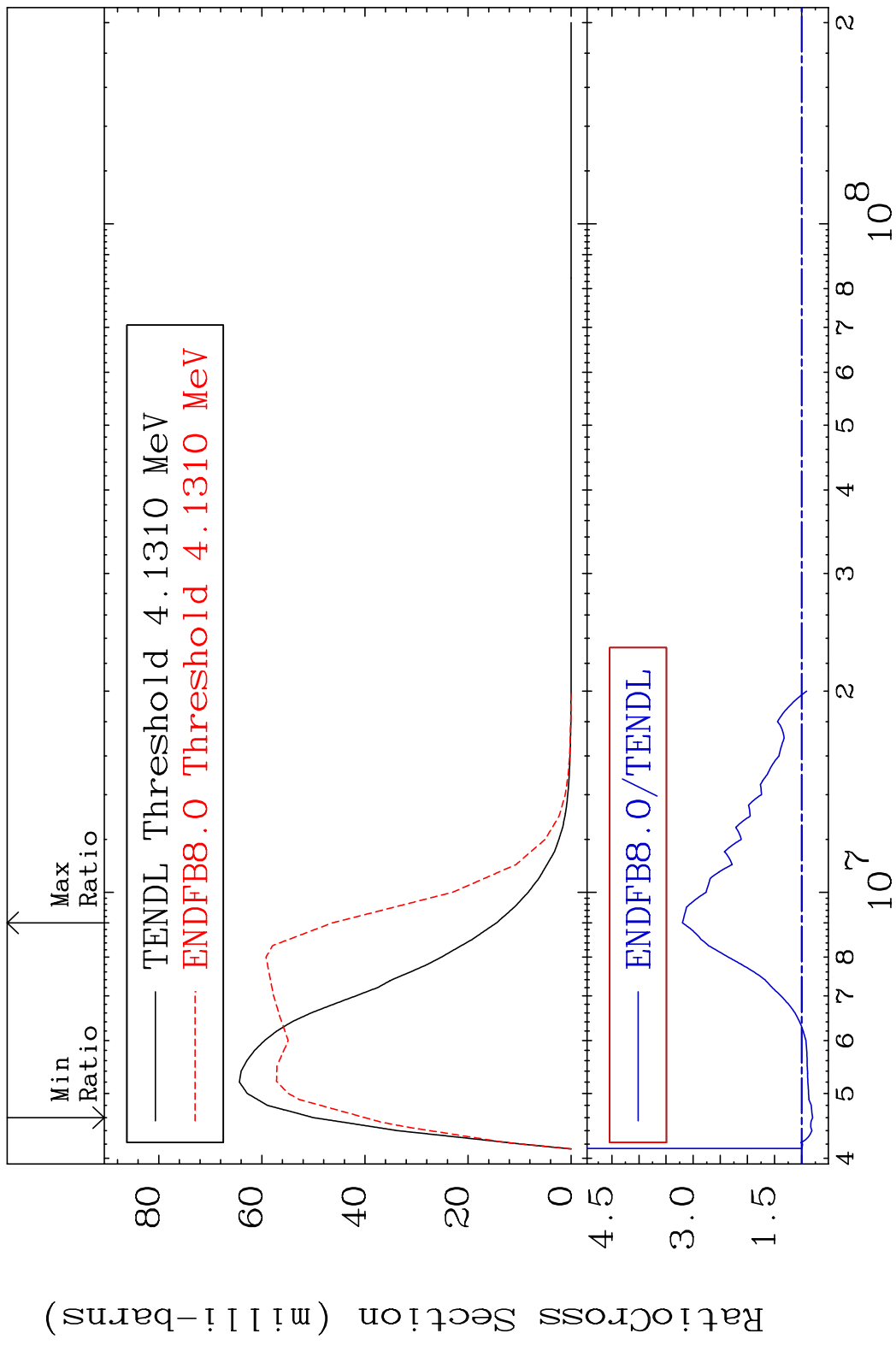
MAT 1228 MT= 59 (n, n') Level 12-Mg-25
 Cross Section -100.0 To 213.0 %



MAT 1228 MT= 60 (n, n') Level 12-Mg-25
 Cross Section -19.68 To 187.2 %

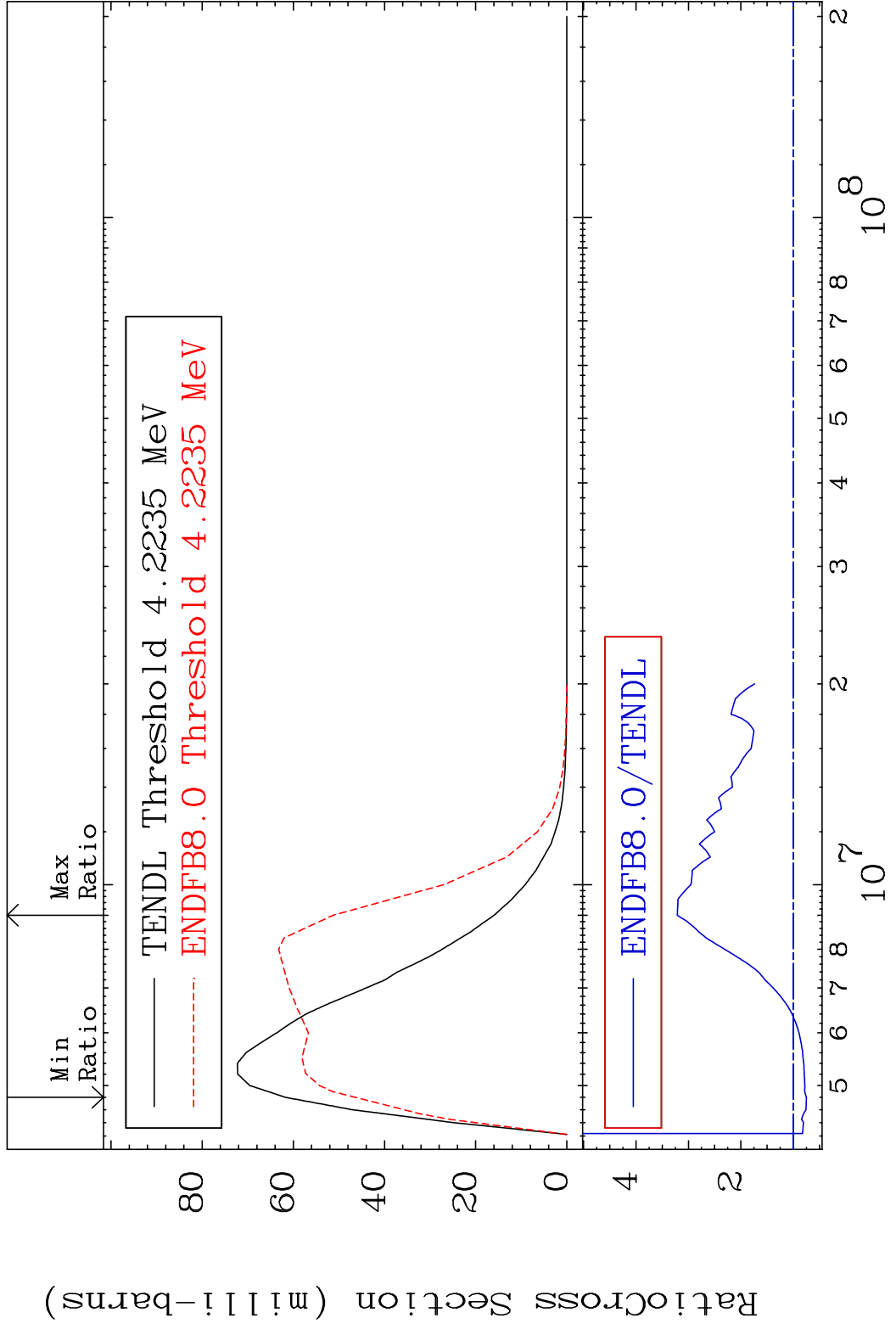


MAT 1228 MT= 61 (n, n') Level 12-Mg-25
 Cross Section -20.01 To 220.0 %



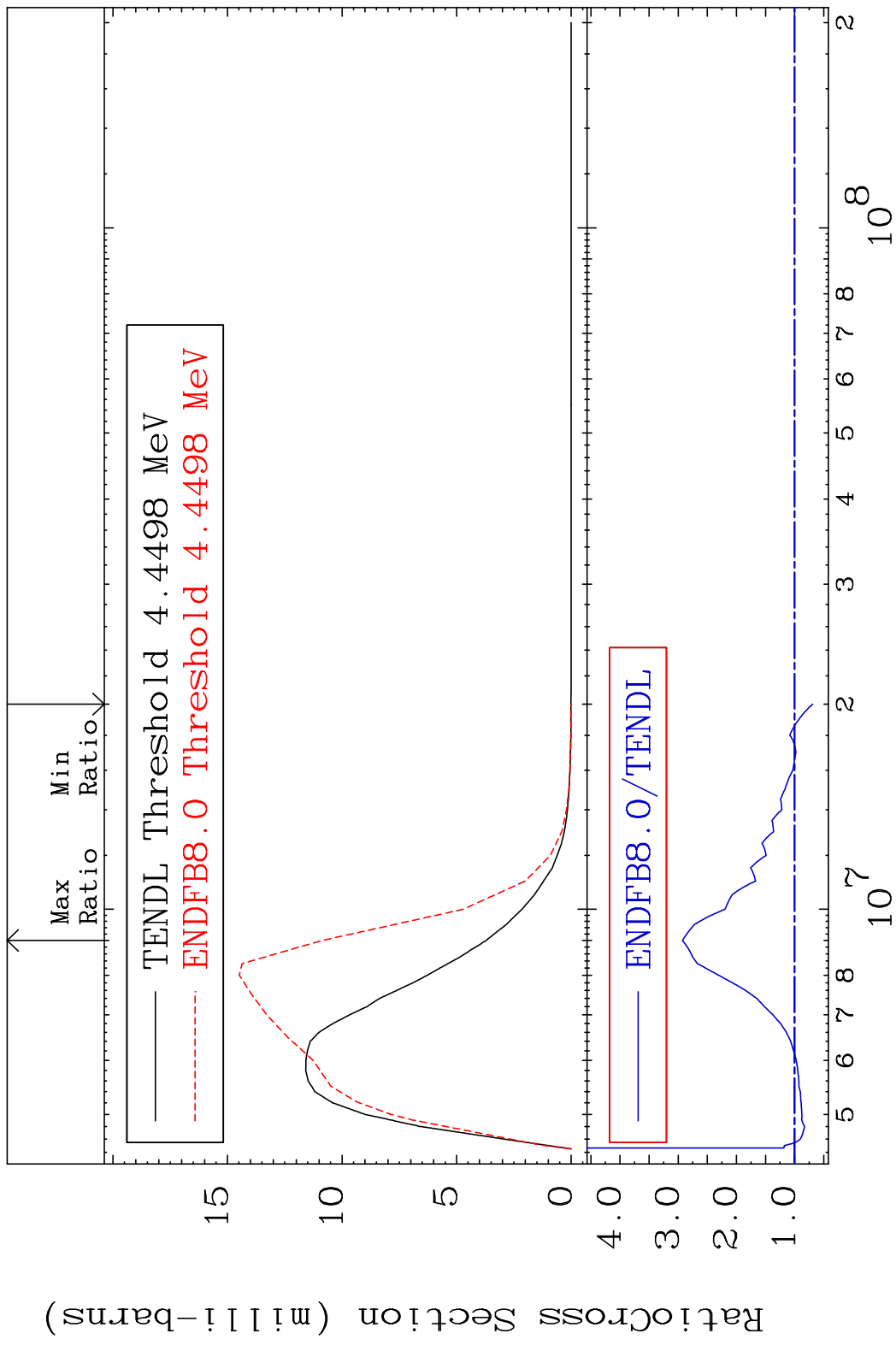
17 Incident Energy (eV) 12-Mg-25

MAT 1228 MT= 62 (n, n') Level 12-Mg-25
 Cross Section -24.90 To 221.4 %



18 Incident Energy (eV) 12-Mg-25

MAT 1228 MT= 63 (n, n') Level 12-Mg-25
 Cross Section -30.74 To 192.9 %

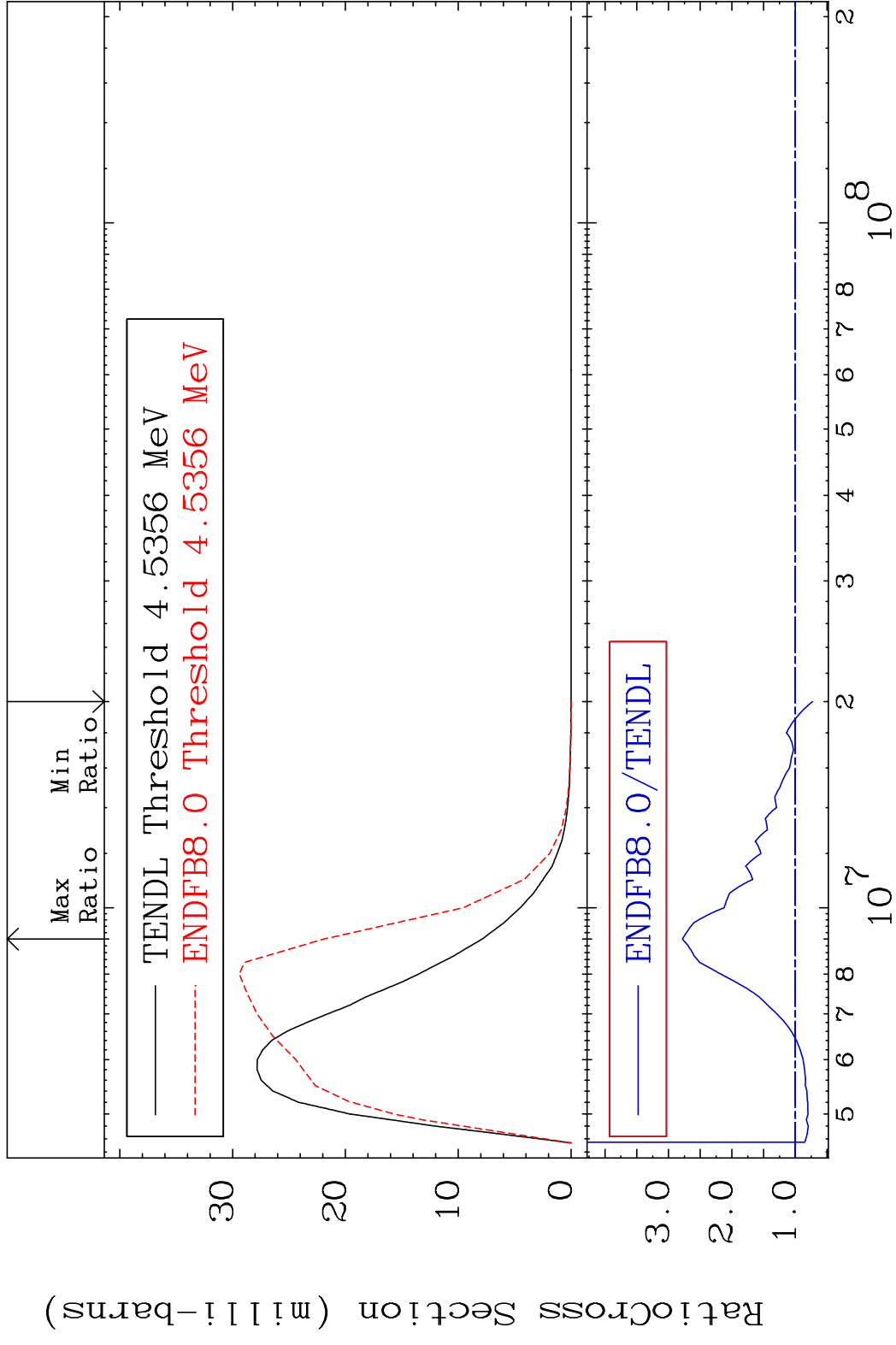


MAT 1228

MT= 64 (n,n') Level

12-Mg-25

Cross Section -27.12 To 178.2 %

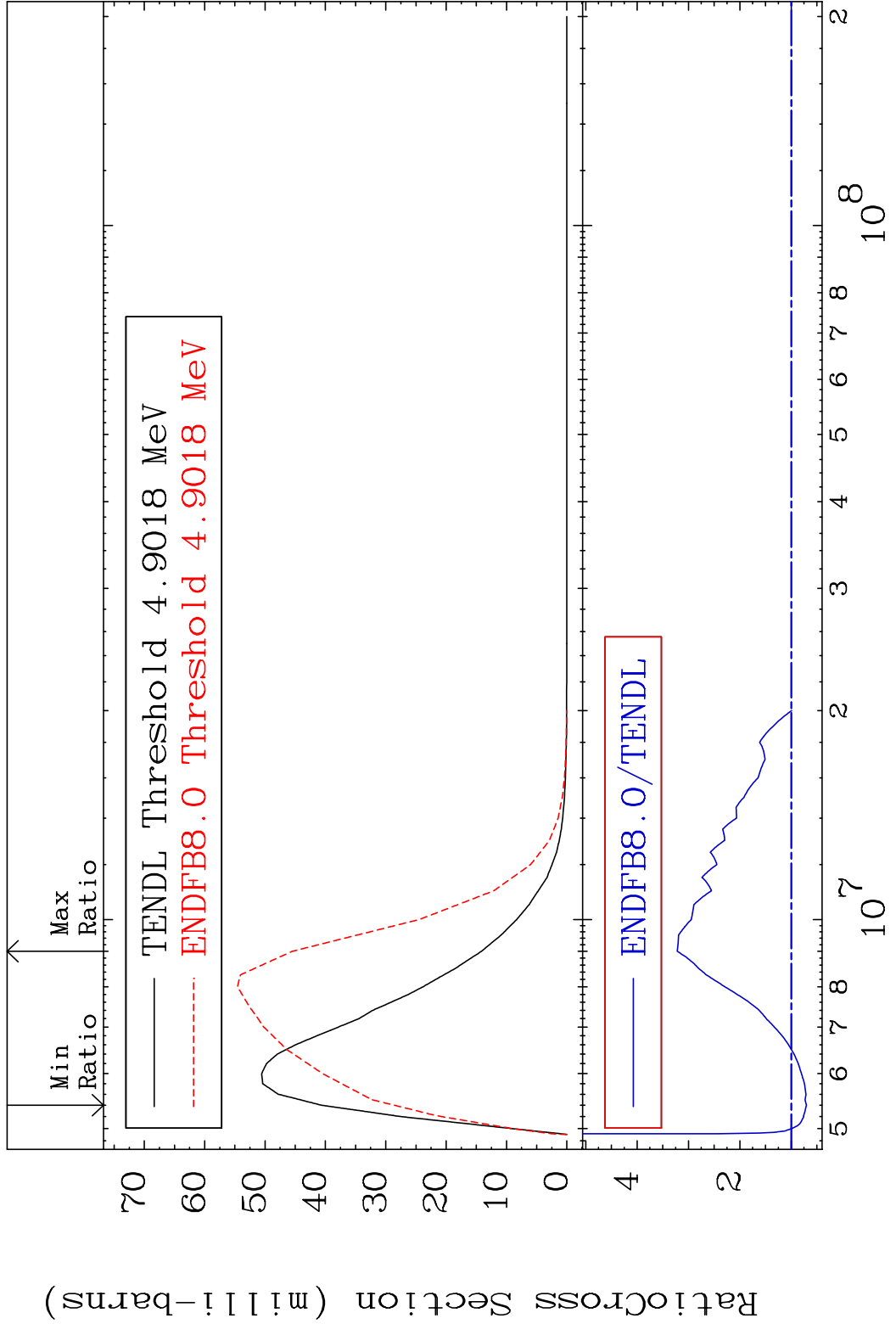


20

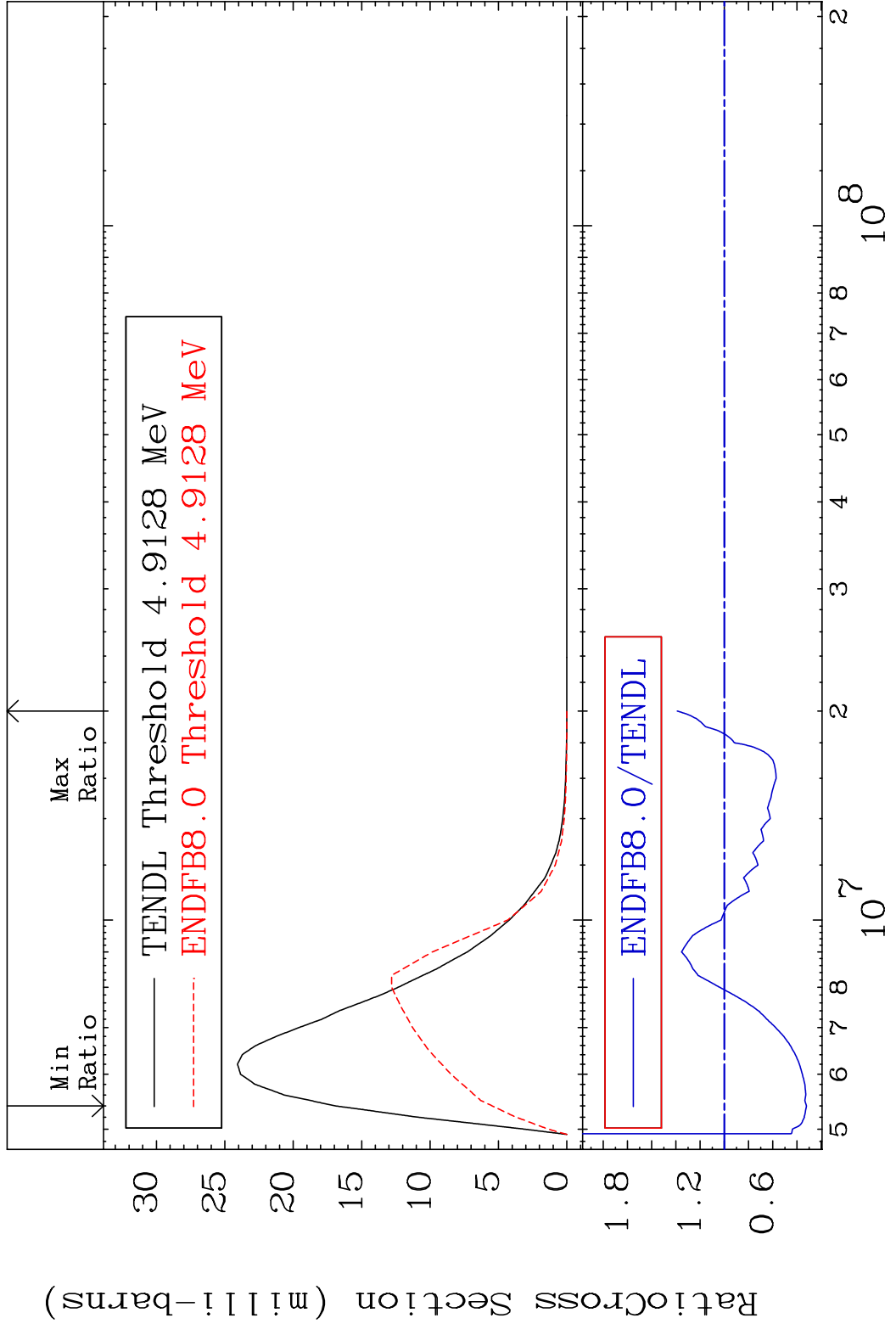
Incident Energy (eV)

12-Mg-25

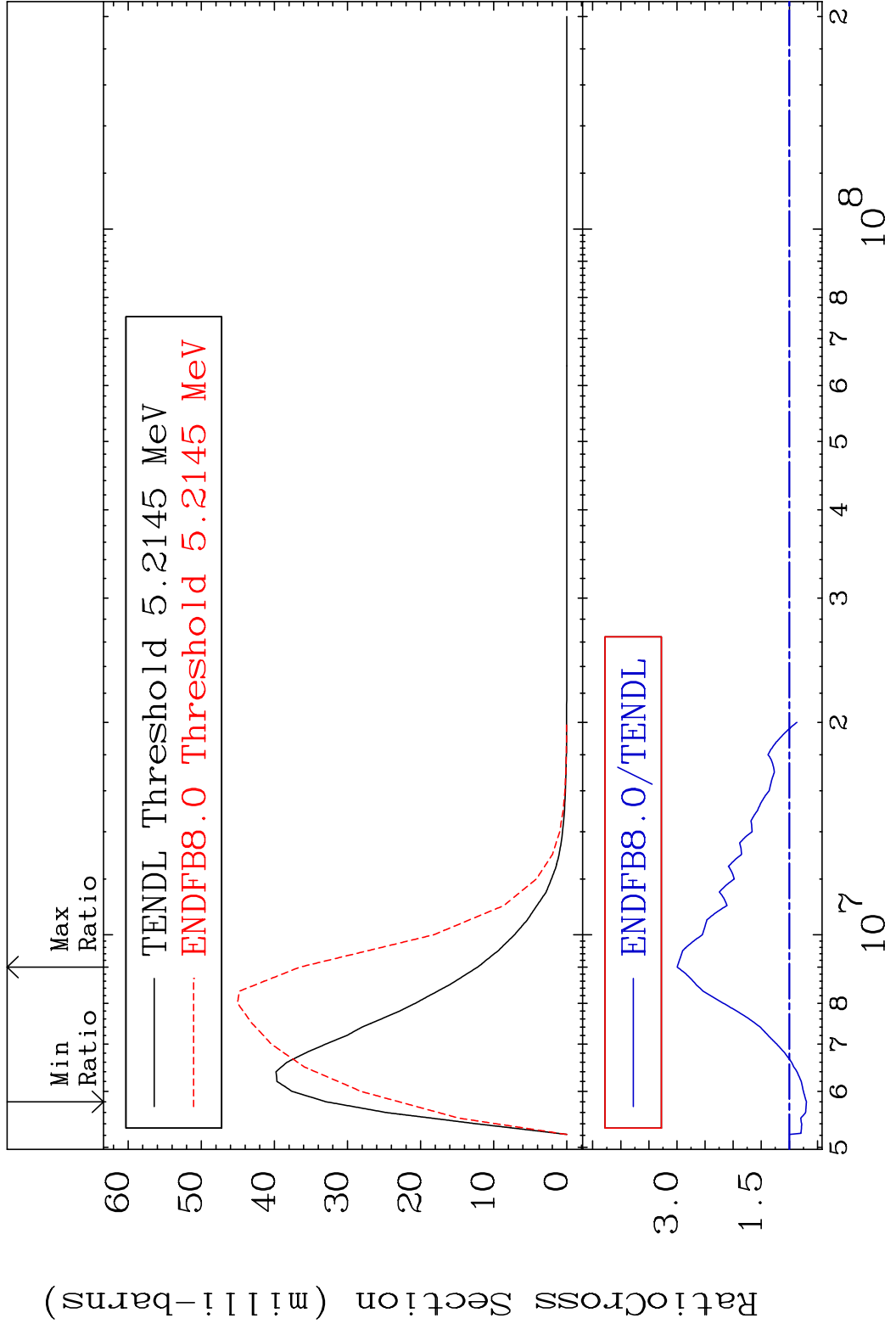
MAT 1228 MT= 65 (n, n') Level 12-Mg-25
 Cross Section -29.63 To 221.9 %



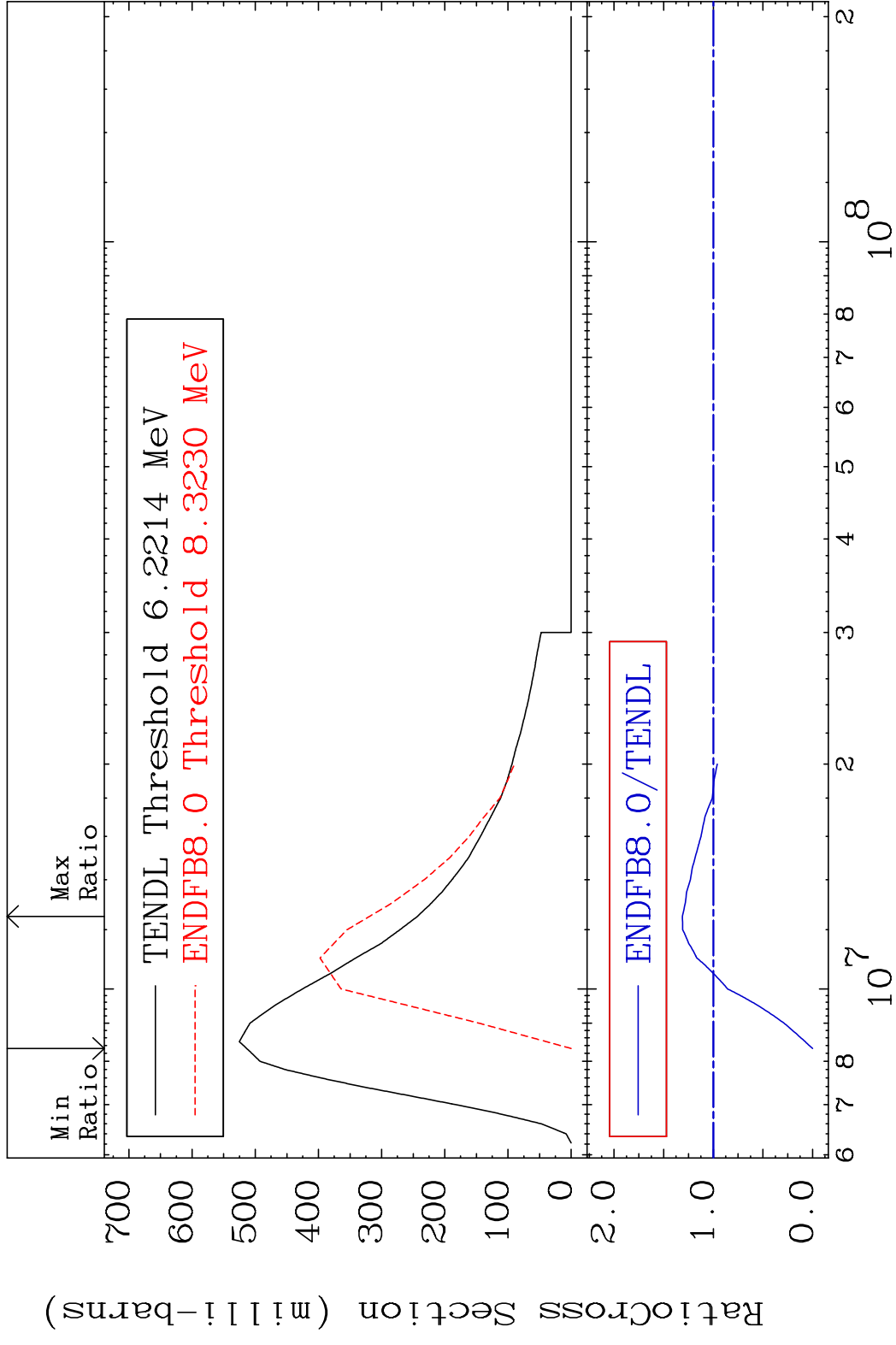
MAT 1228 MT= 66 (n, n') Level 12-Mg-25
 Cross Section -67.76 To 38.92 %



MAT 1228 MT= 67 (n,n') Level 12-Mg-25
 Cross Section -30.31 To 199.6 %



MAT 1228 (n, n') Continuum 12-Mg-25
 Cross Section -100.0 To 31.21 %

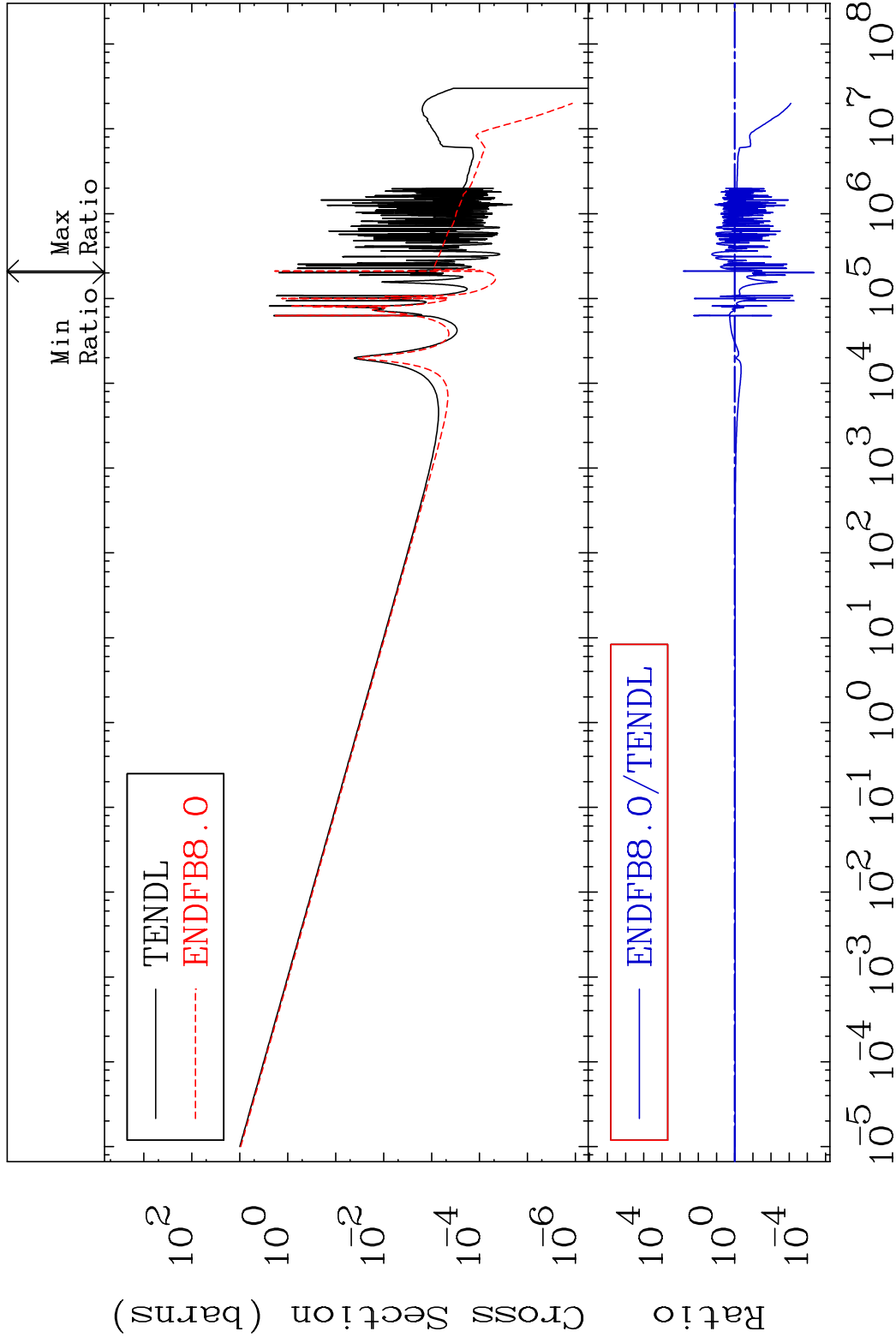


MAT 1228

(n, γ)

12-Mg-25

Cross Section -100.0 To 9999. %

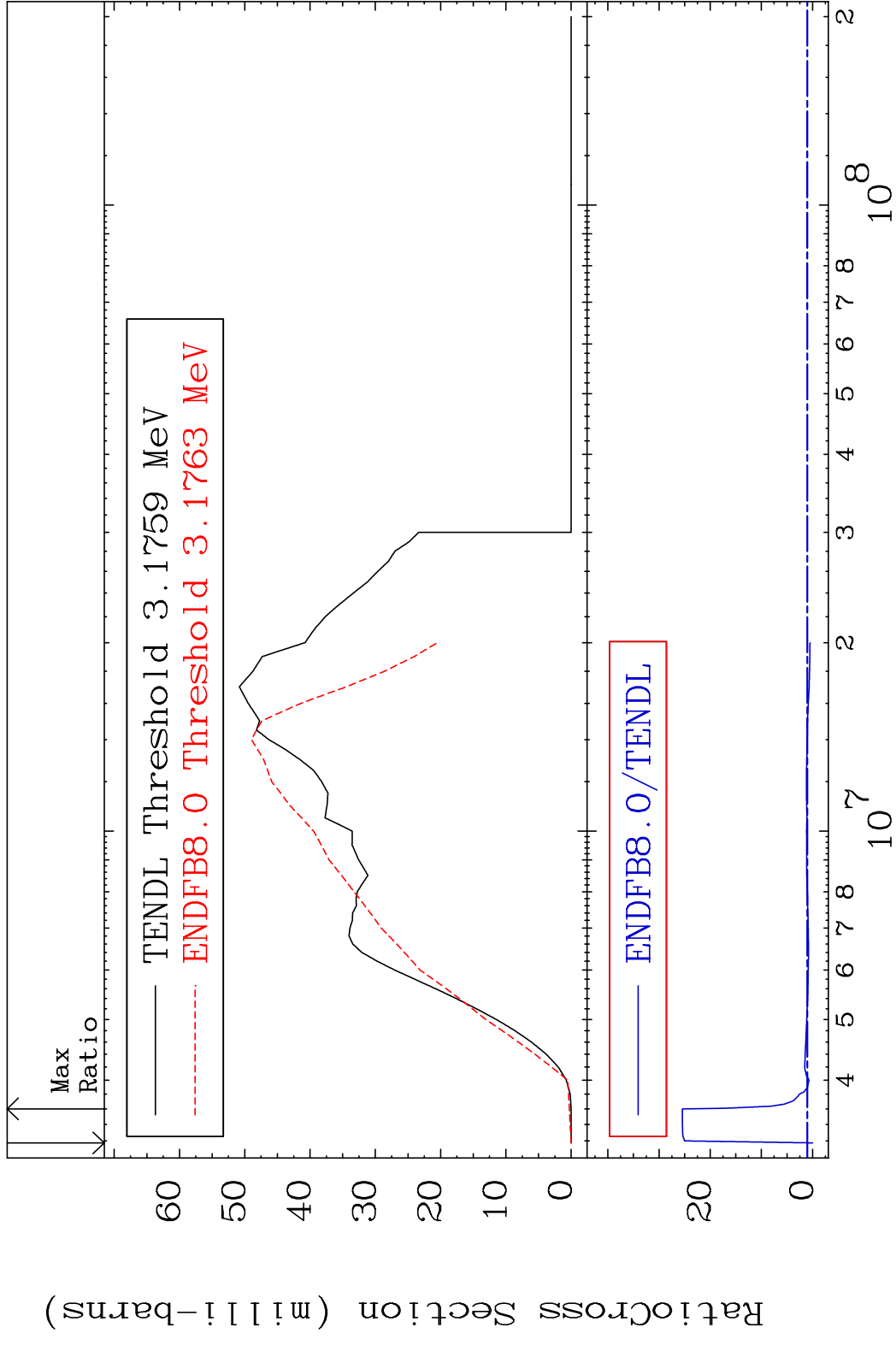


25

Incident Energy (eV)

12-Mg-25

MAT 1228 (n,p) 12-Mg-25
 Cross Section -100.0 To 2445. %

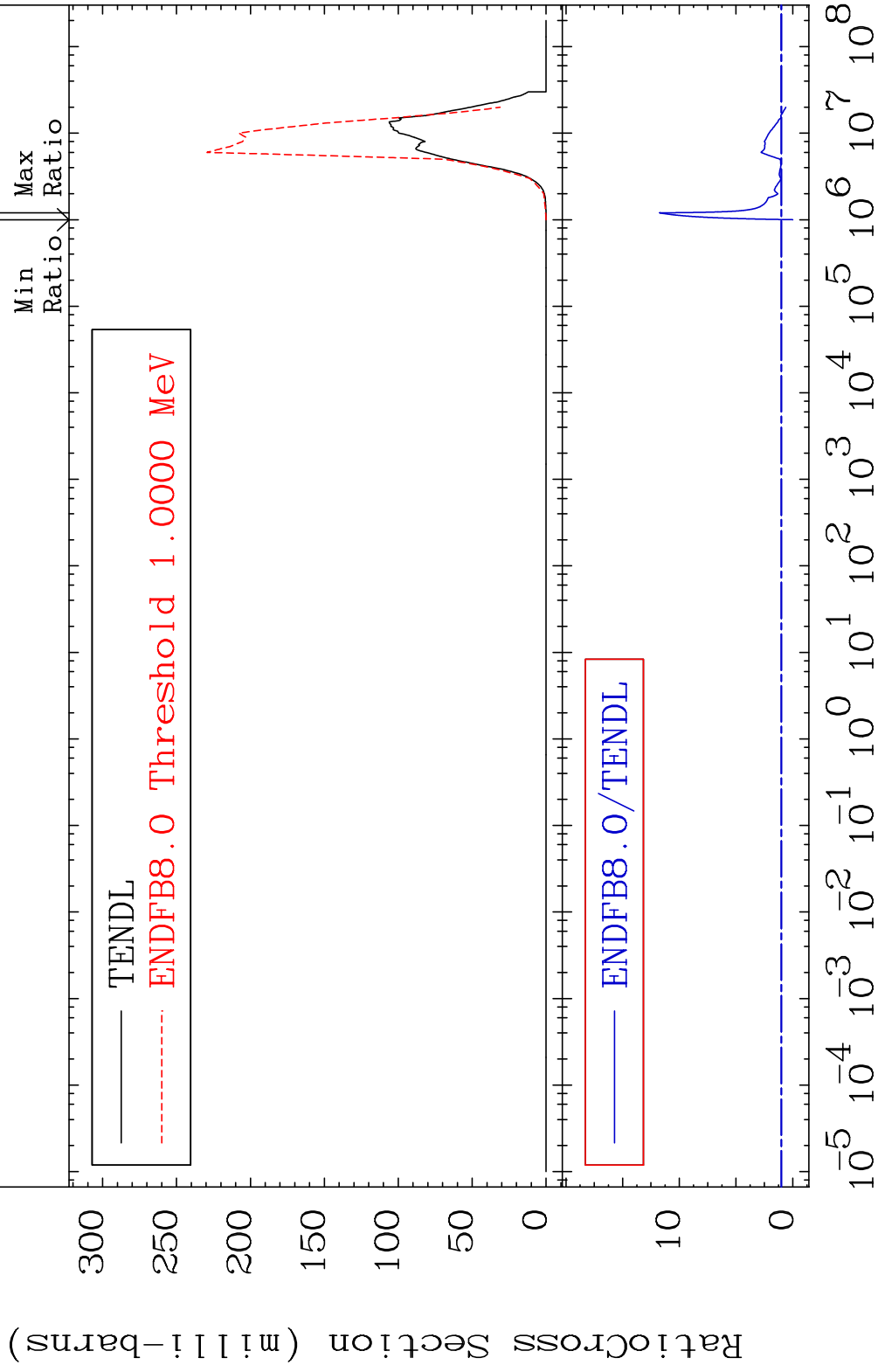


MAT 1228

(n, α)

12-Mg-25

Cross Section -100.0 To 1073. %

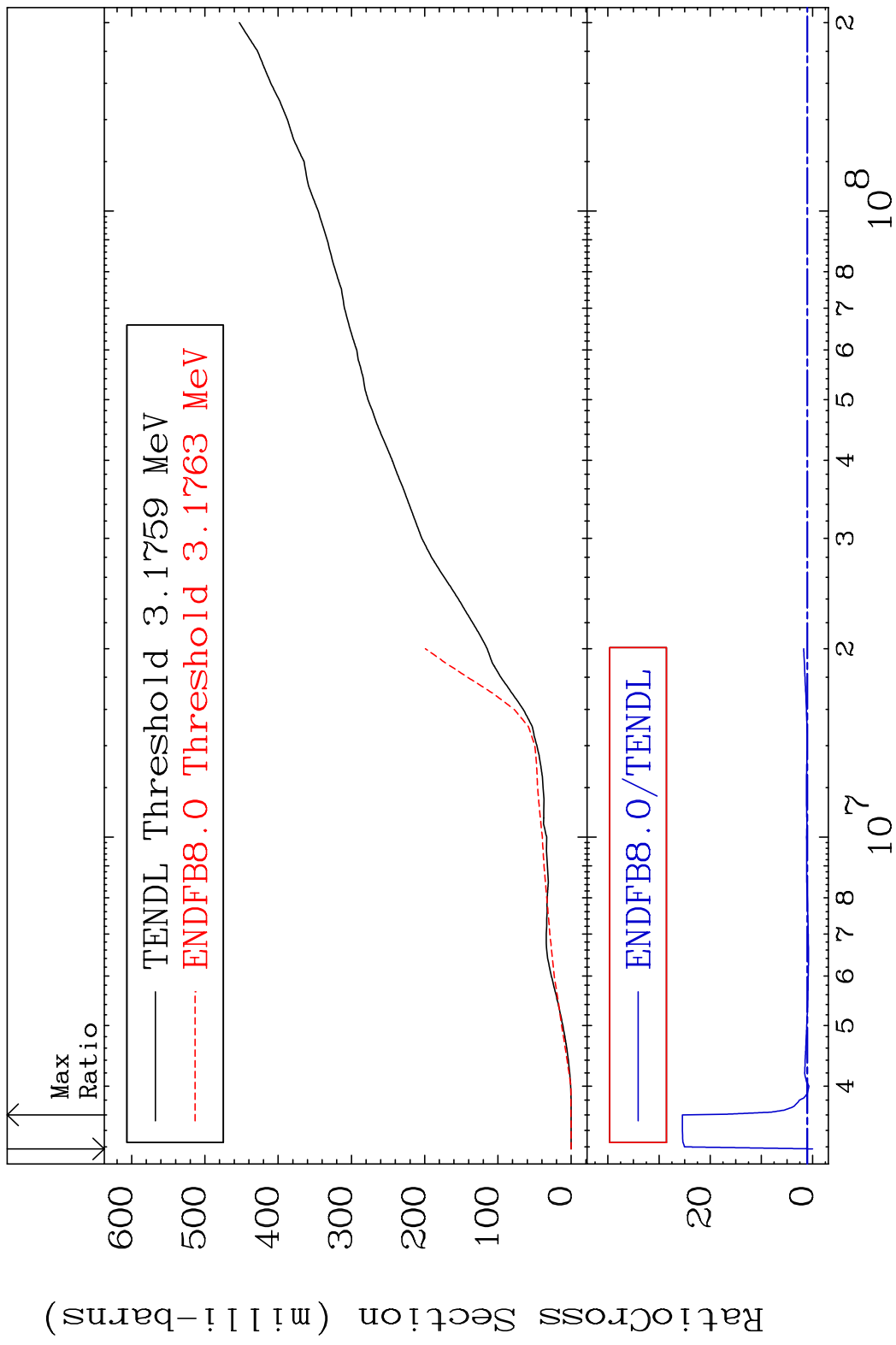


27

Incident Energy (eV)

12-Mg-25

MAT 1228 Hydrogen Production 12-Mg-25
 Cross Section -100.0 To 2445. %

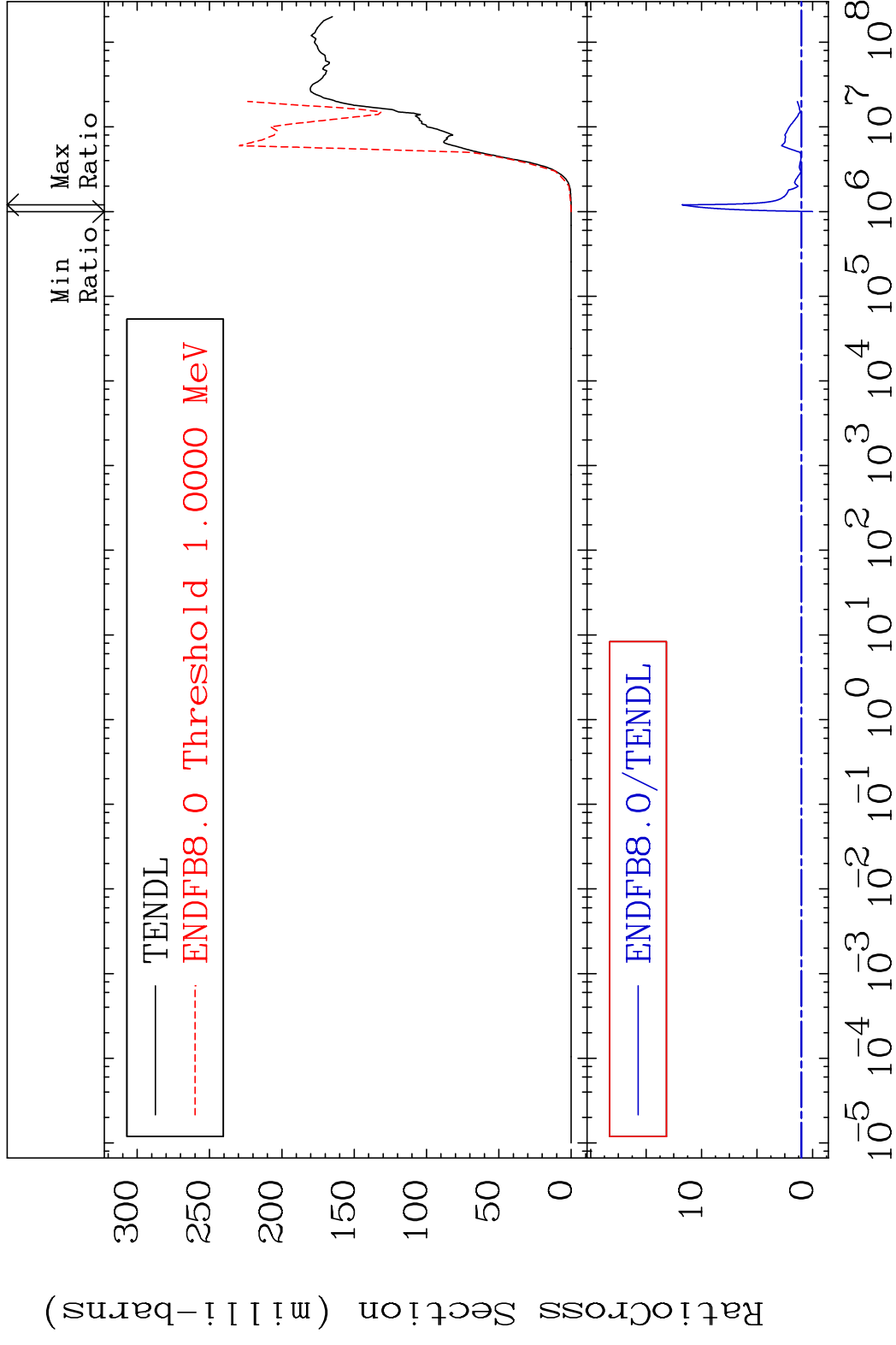


MAT 1228

He-4 Production

¹²Mg-25

Cross Section -100.0 To 1073. %



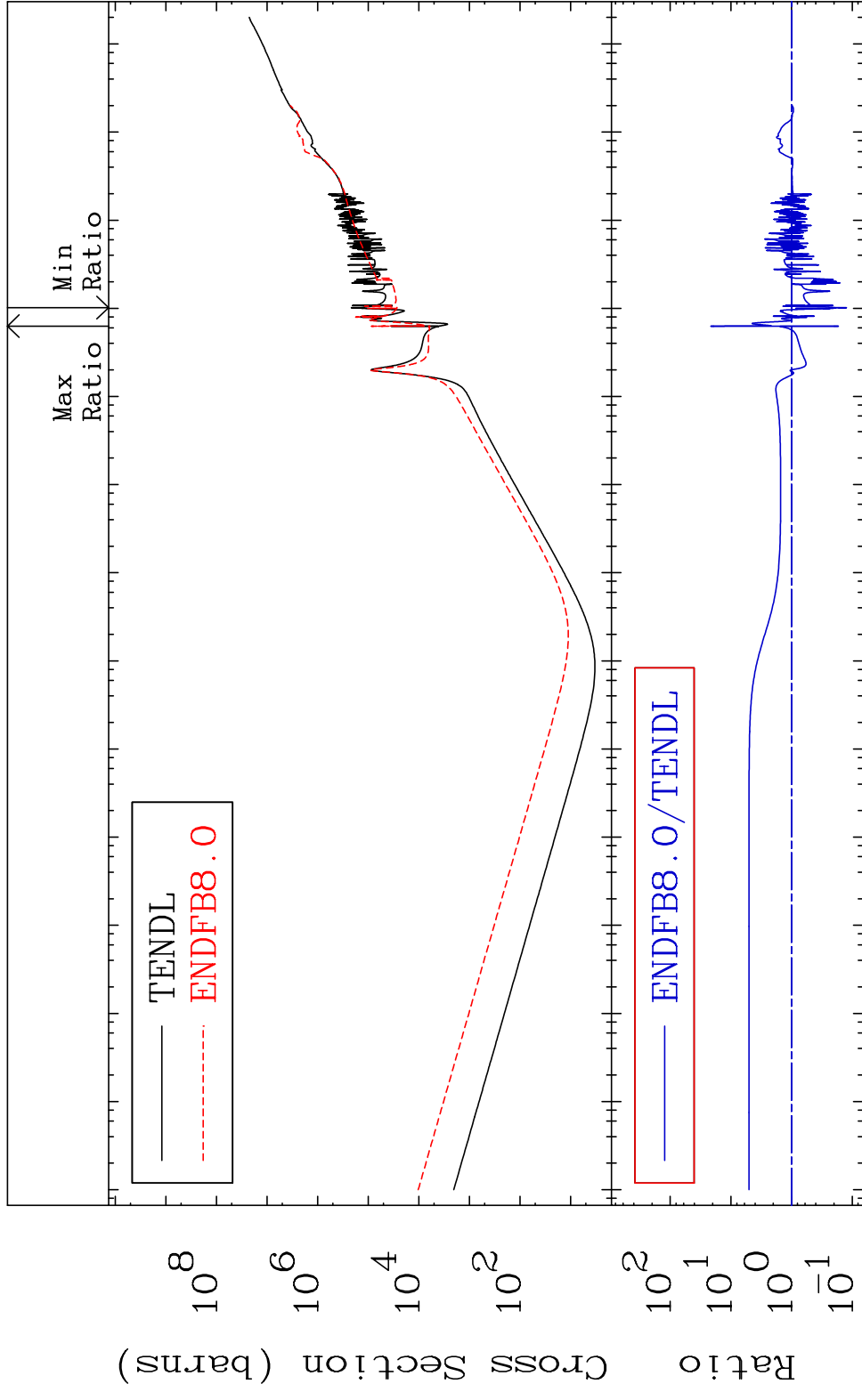
29

Incident Energy (eV)

¹²Mg-25

MAT 1228

Kerma total (eV-barns) 12-Mg-25
Cross Section -87.48 To 2053. %



30

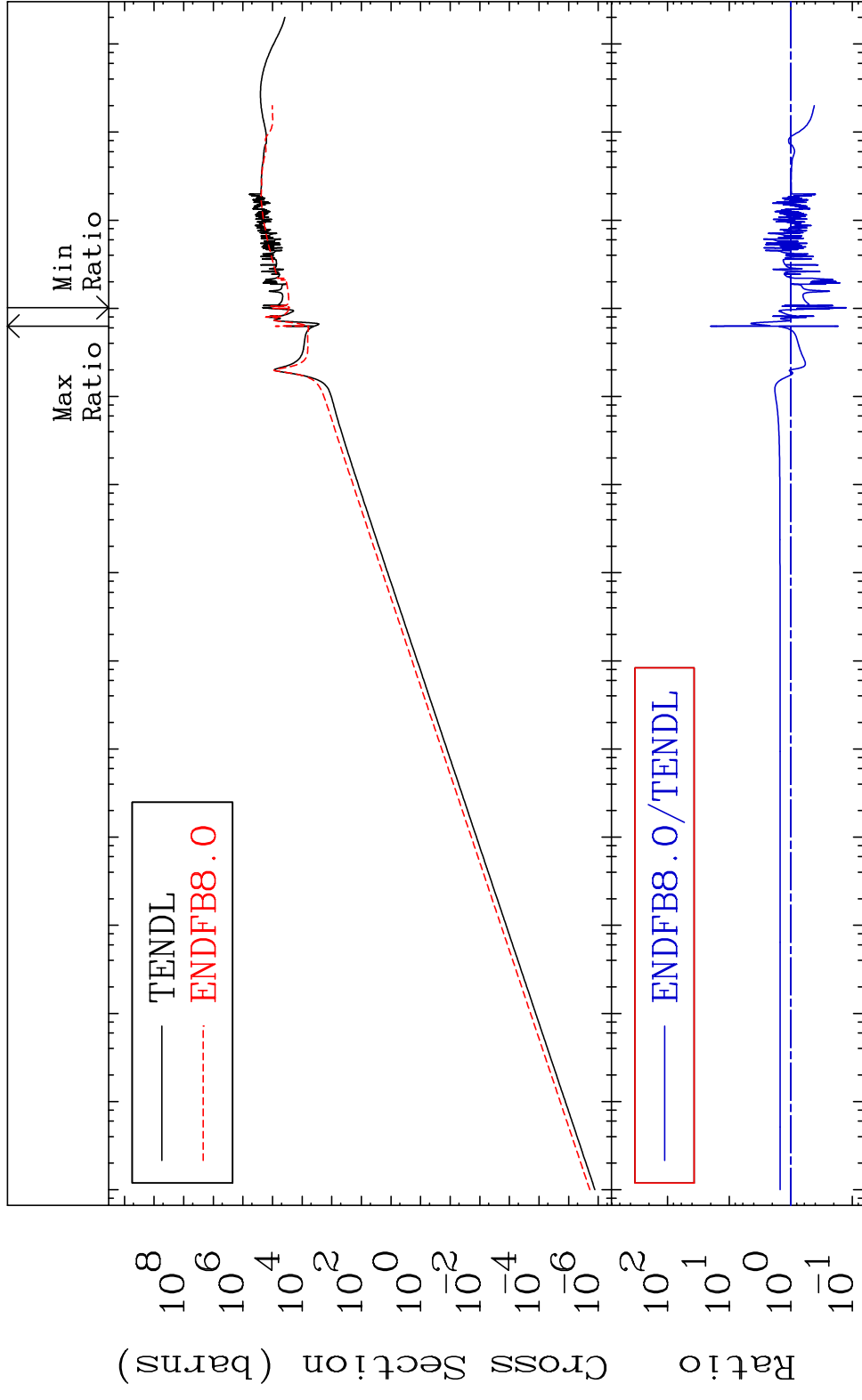
Incident Energy (eV)

12-Mg-25

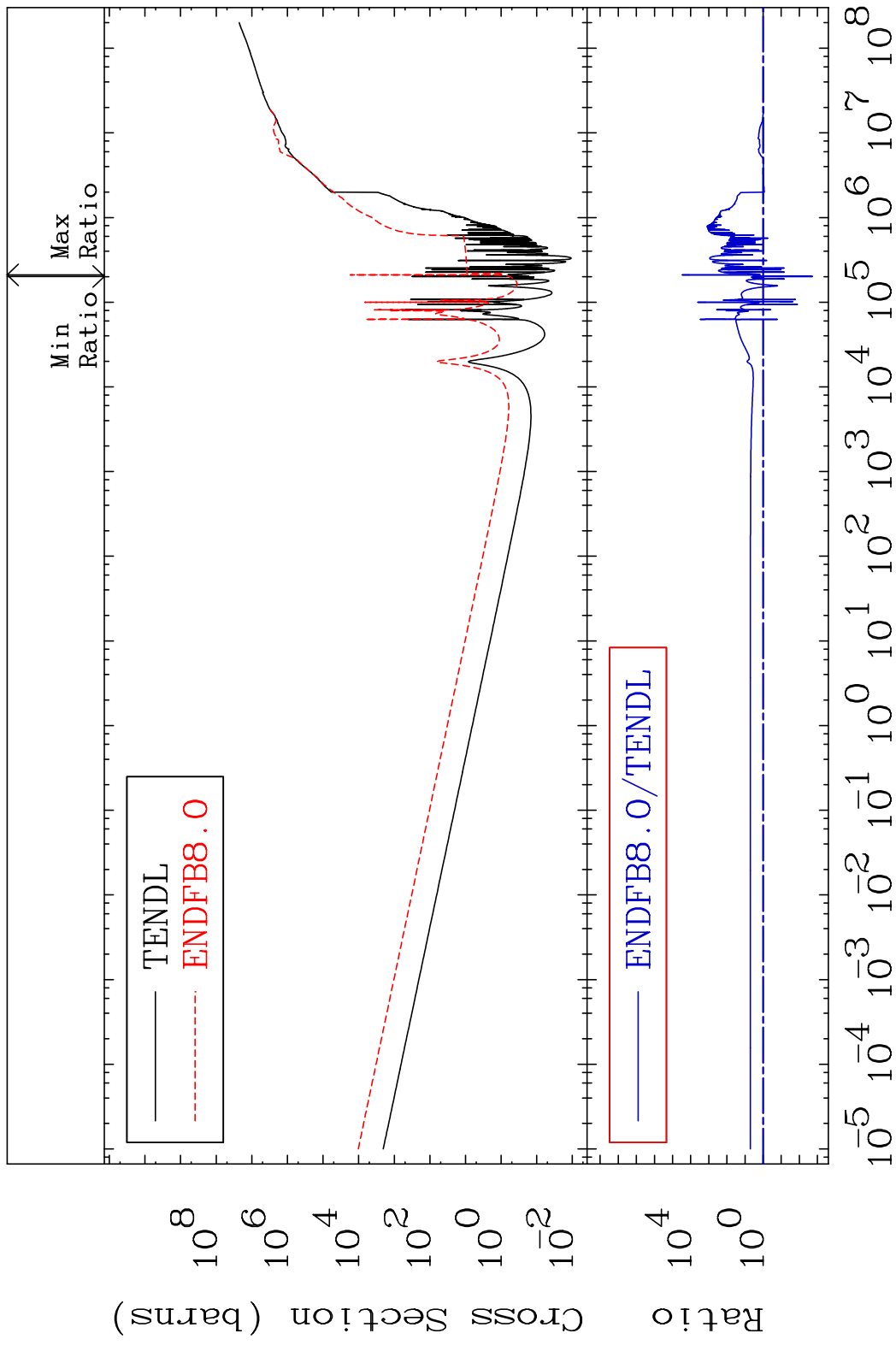
MAT 1228

Kerma elastic
Cross Section

12-Mg-25
-87.47 To 1894. %

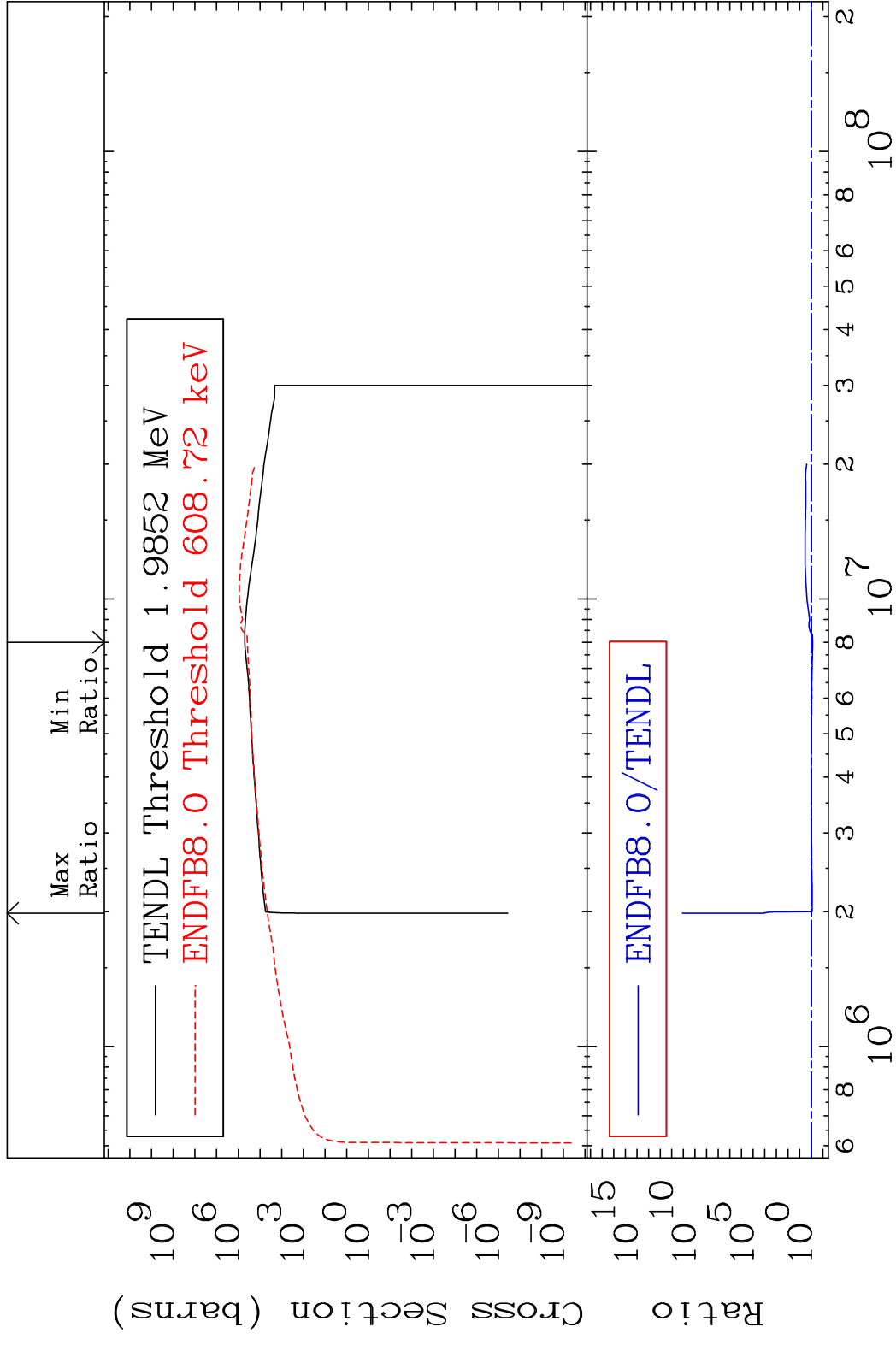


MAT 1228 Kerma non-elastic (all but mt2) 12-Mg-25
 Cross Section -99.81 To 9999. %

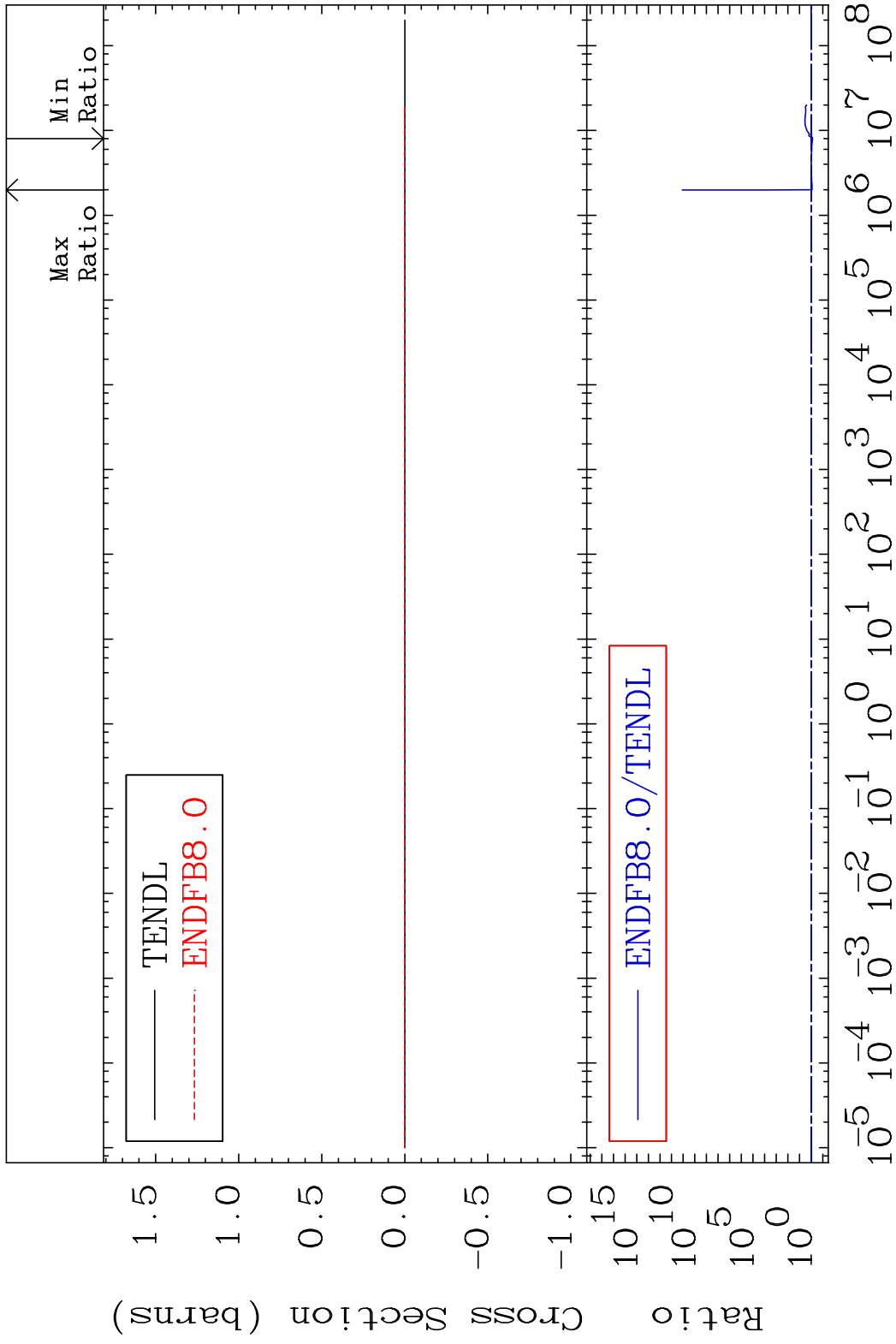


32 Incident Energy (eV) 12-Mg-25

MAT 1228 Kerma inelastic (mt51-91) 12-Mg-25
 Cross Section -23.23 To 9999. %

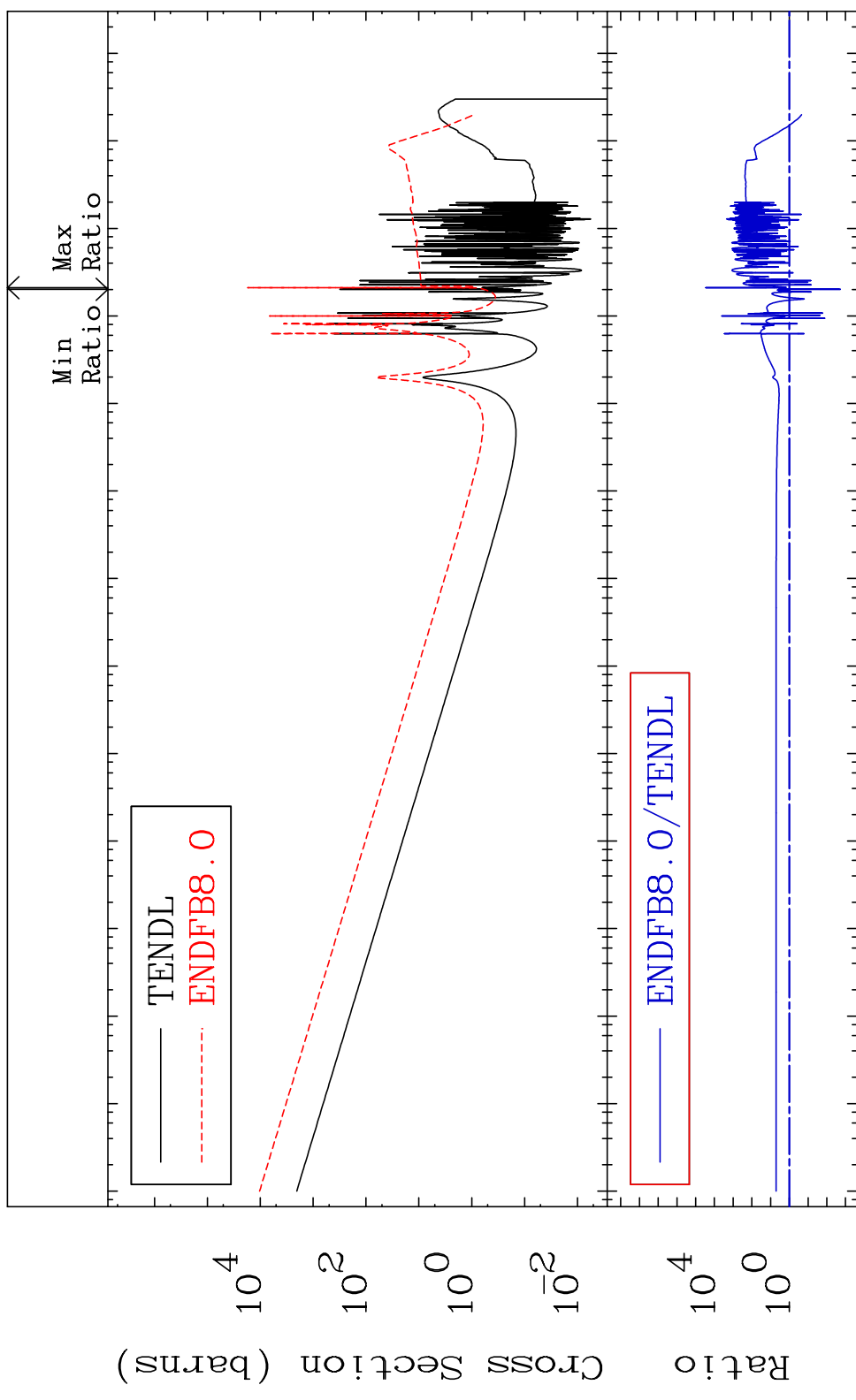


MAT 1228 Kerma fission (mt18 or mt19-20-21-38) 12-Mg-25
 Cross Section -23.23 To 9999. %



MAT 1228

Kerma capture (mt102) 12-Mg-25
Cross Section -99.81 To 9999. %

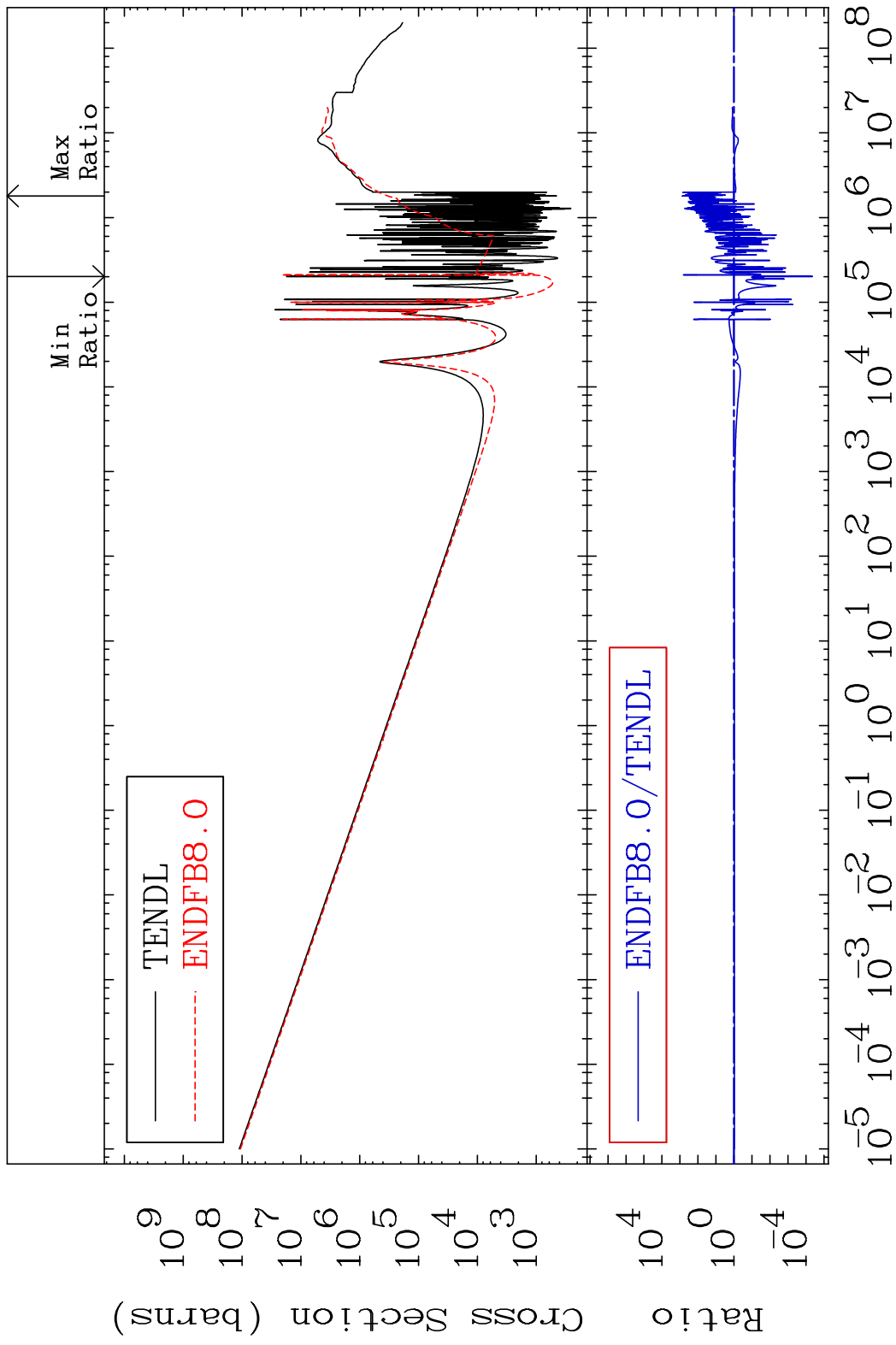


35

Incident Energy (eV)

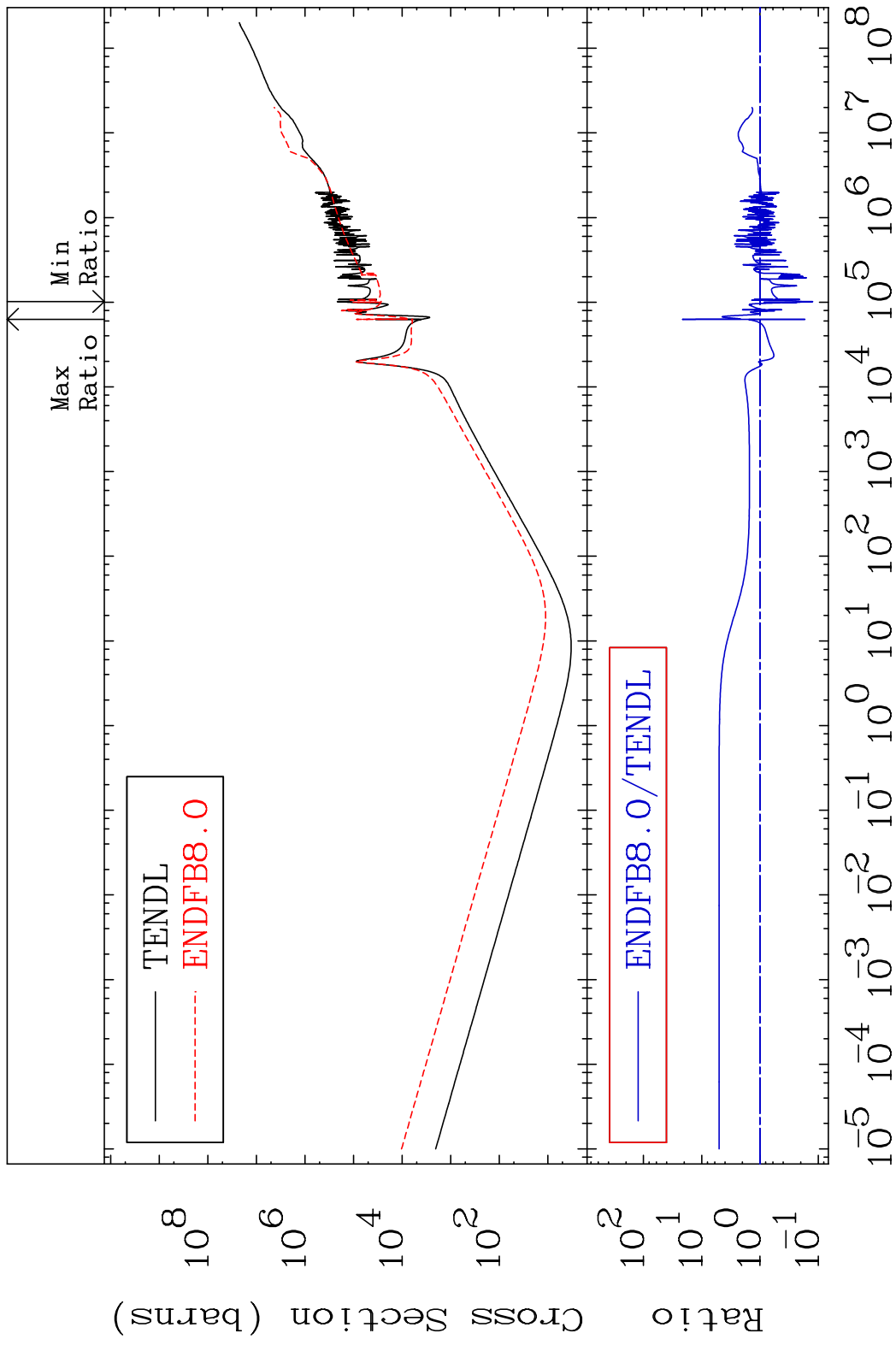
12-Mg-25

MAT 1228 Total photon (eV-barns) 12-Mg-25
 Cross Section -100.0 To 9999. %



36 Incident Energy (eV) 12-Mg-25

MAT 1228 Total kinematic kerma (high limit) 12-Mg-25
 Cross Section -87.48 To 2053. %

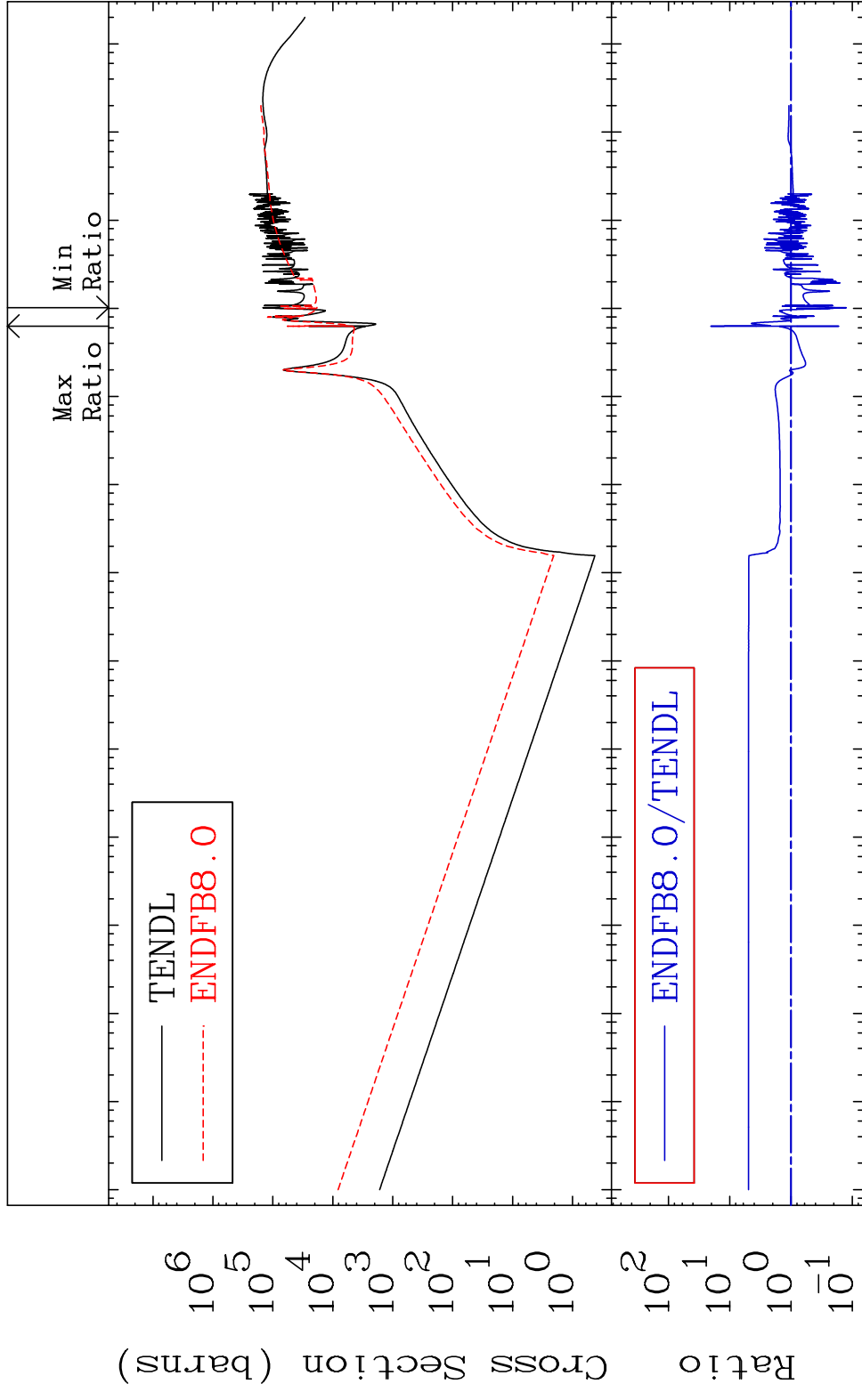


MAT 1228

Dpa total (eV-barns)

12-Mg-25

Cross Section -87.47 To 1950. %

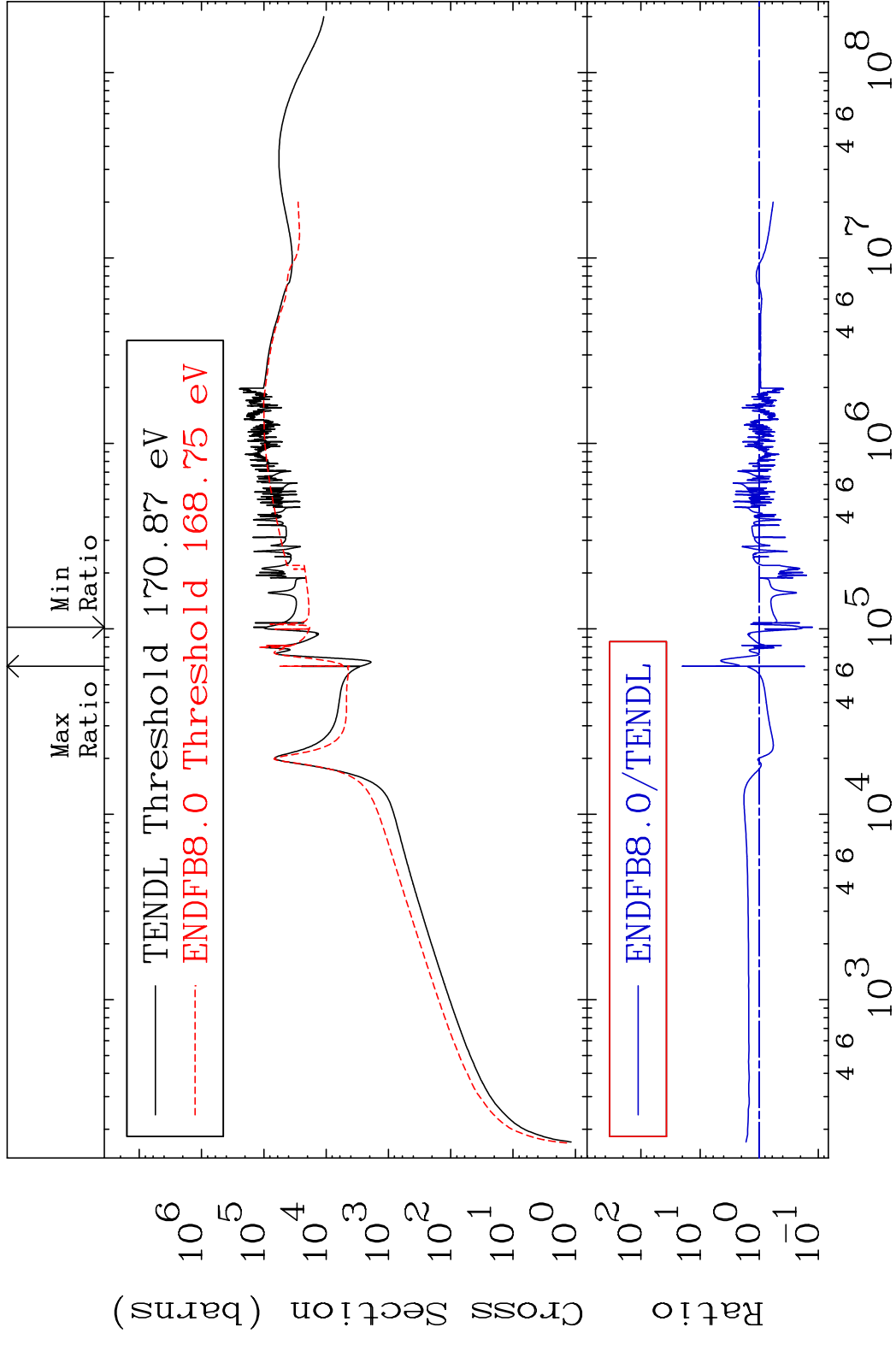


MAT 1228

Dpa elastic (mt2)

12-Mg-25

Cross Section -87.46 To 1895. %

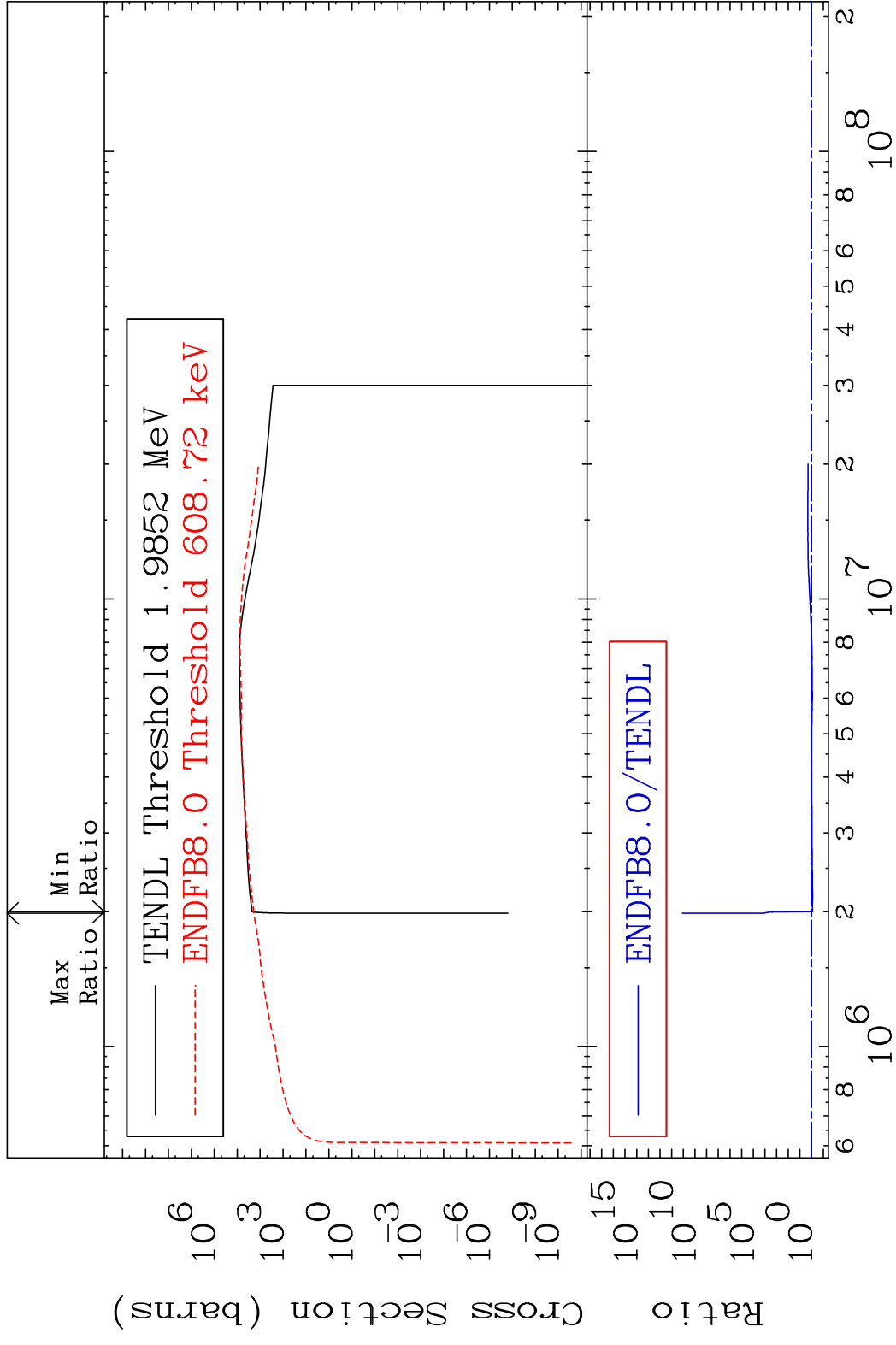


MAT 1228

Dpa inelastic (mt51-91)

12-Mg-25

Cross Section -17.75 To 9999. %



40

Incident Energy (eV)

12-Mg-25

MAT 1228 Dpa disappearance (mt102 -120) 12-Mg-25
 Cross Section -99.98 To 9999. %

