

Program Complot
(Version 2021-1)

by

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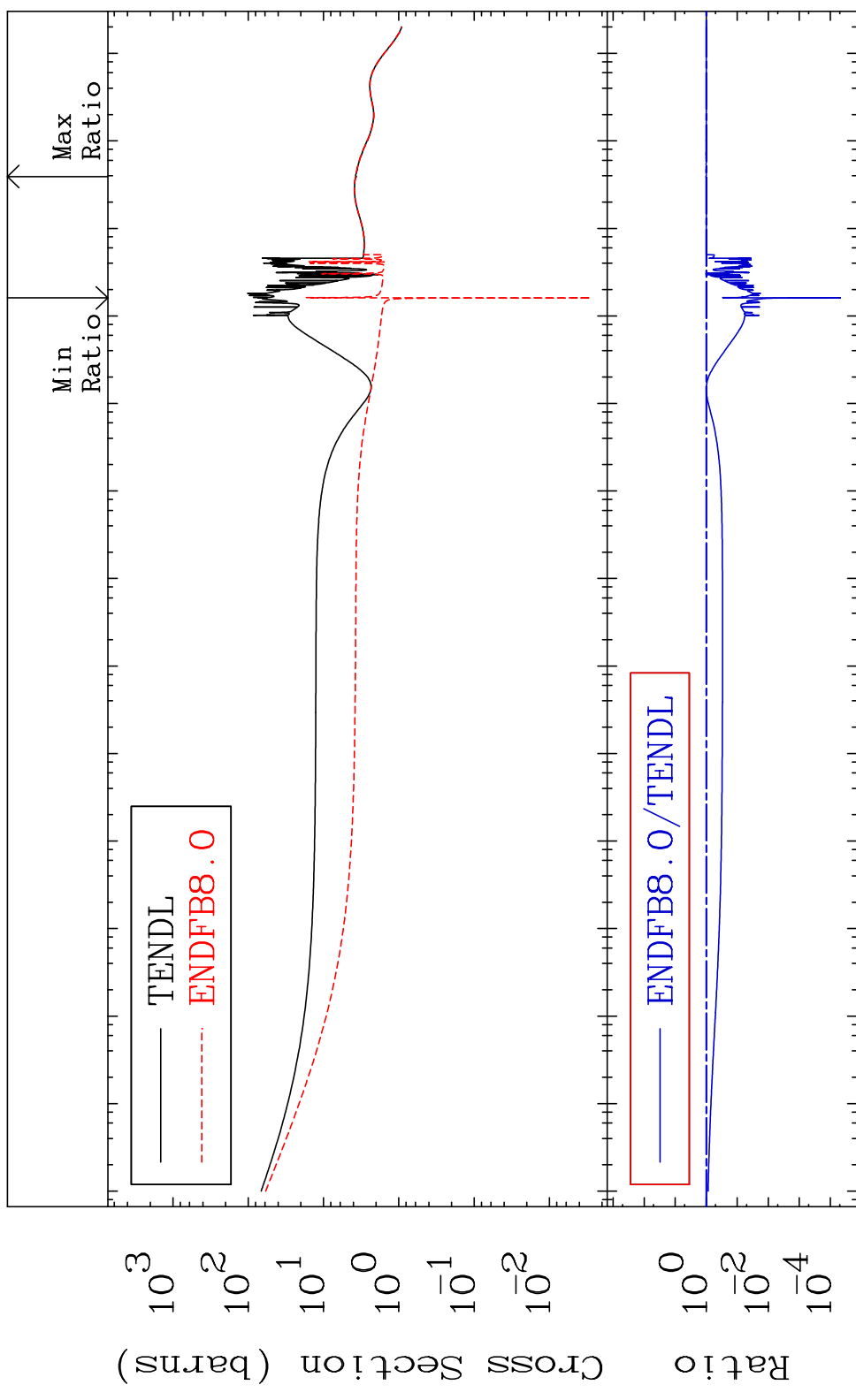
Press Mouse Button to Start

MAT 2049

Total

20-Ca-48

Cross Section -100.0 To 3.386 %

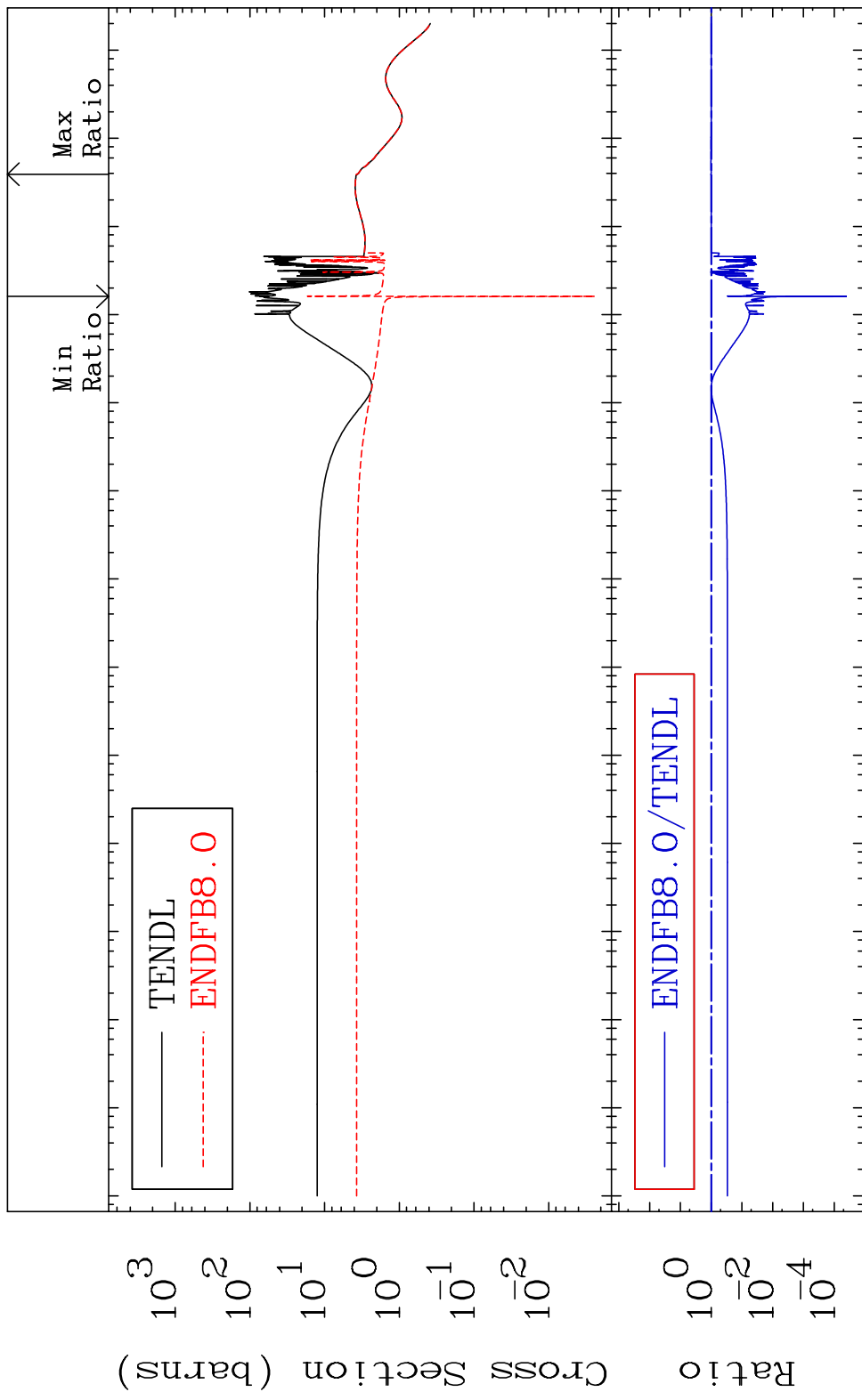


1

Incident Energy (eV)

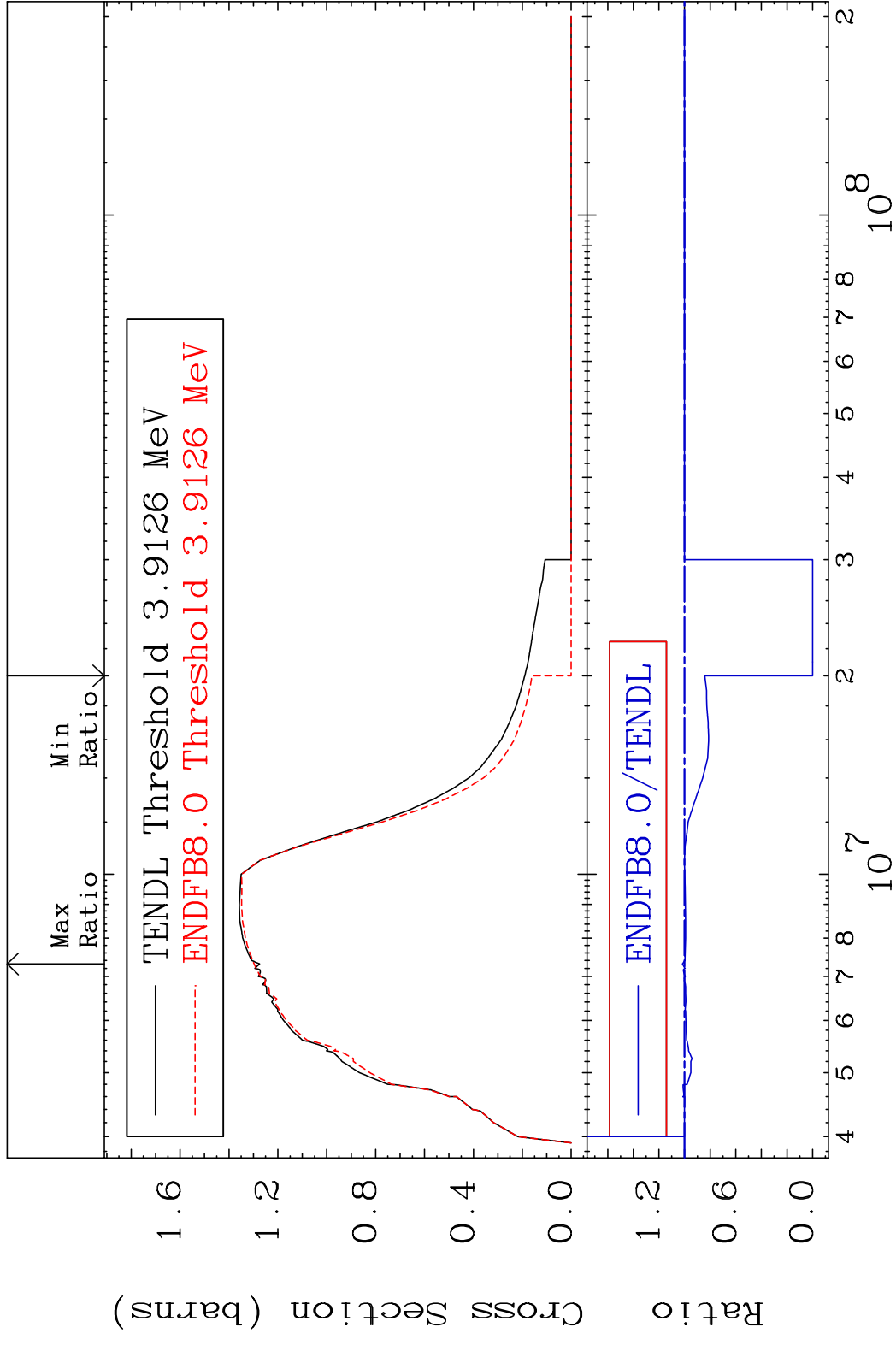
20-Ca-48

MAT 2049 Elastic 20-Ca-48
 Cross Section -100.0 To 3.375 %



2 Incident Energy (eV) 20-Ca-48

MAT 2049 Inelastic Cross Section -100.0 To 1.705 % 20-Ca-48

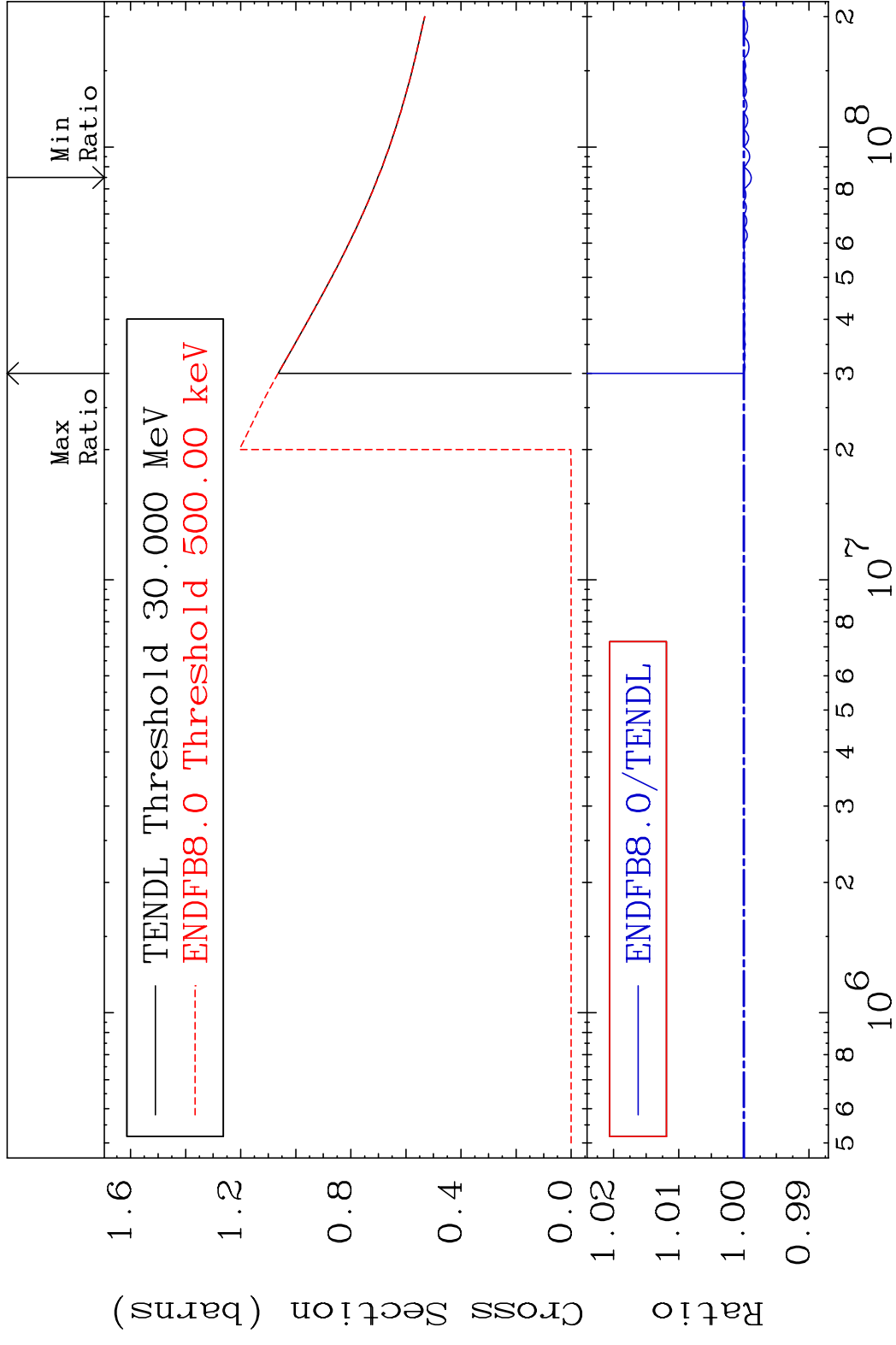


MAT 2049

(n, remainder)

20-Ca-48

Cross Section -0.112 To 0.002 %



4

Incident Energy (eV)

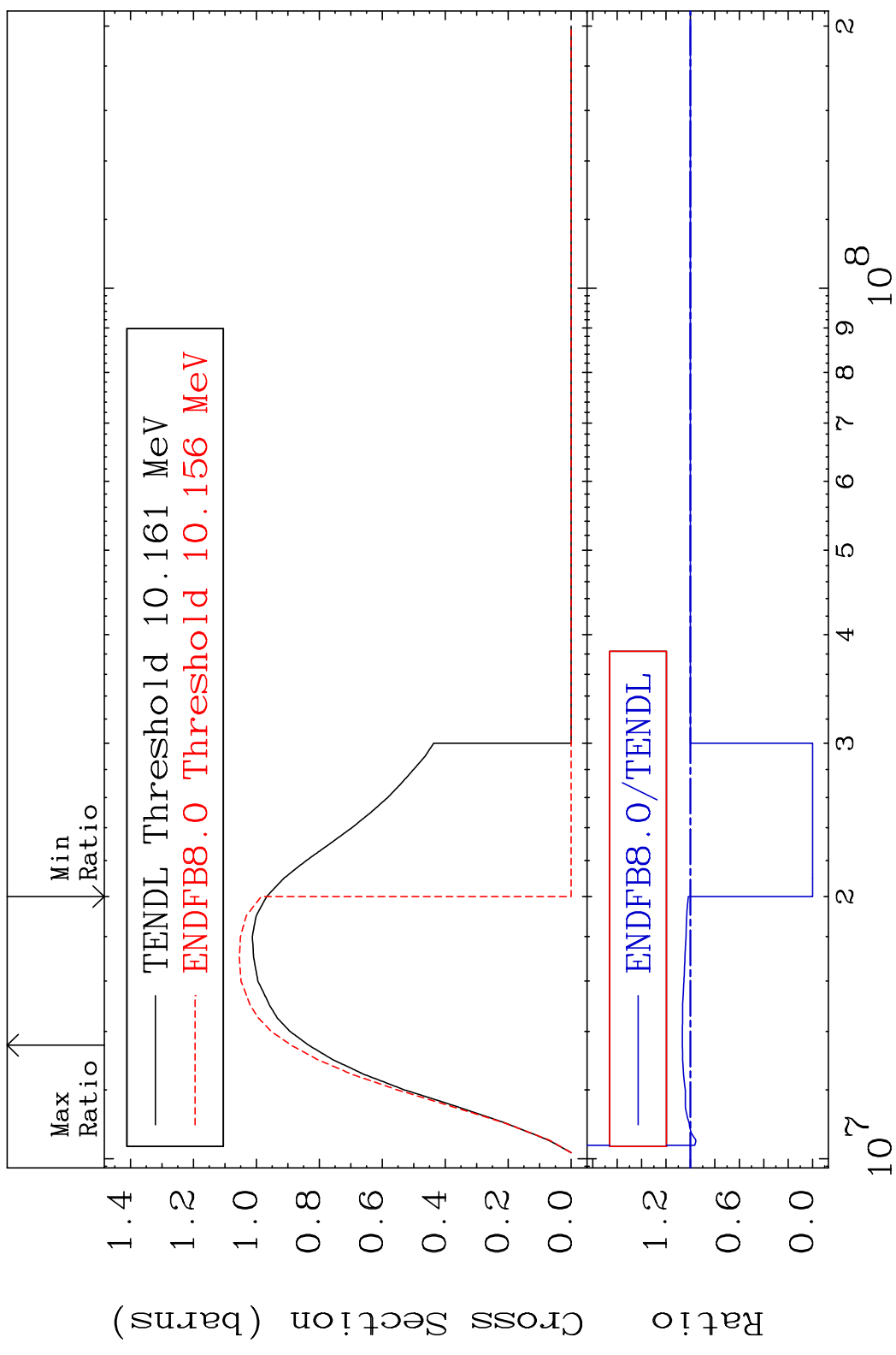
20-Ca-48

MAT 2049

(n,2n)

20-Ca-48

Cross Section -100.0 To 6.647 %

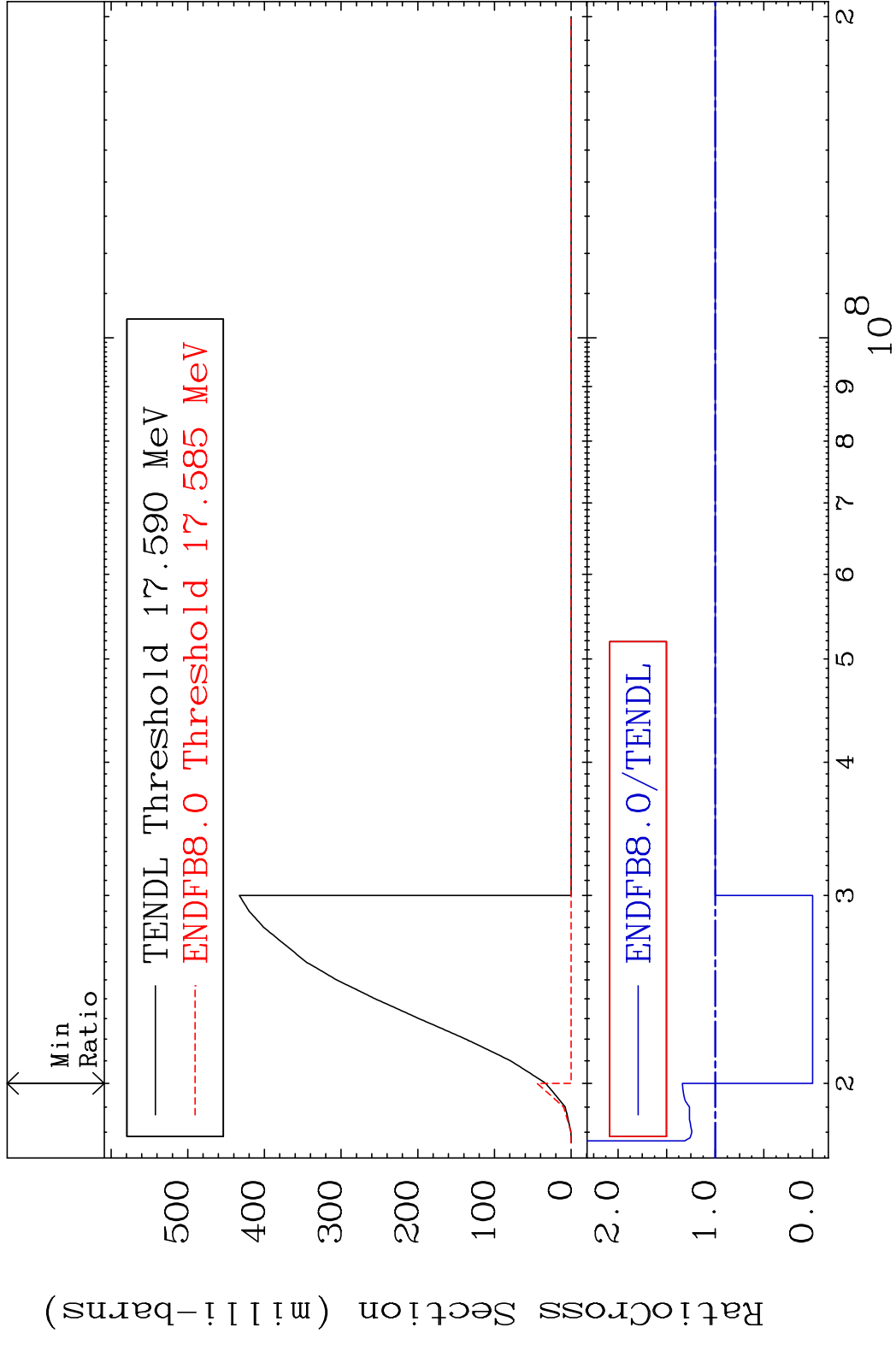


5

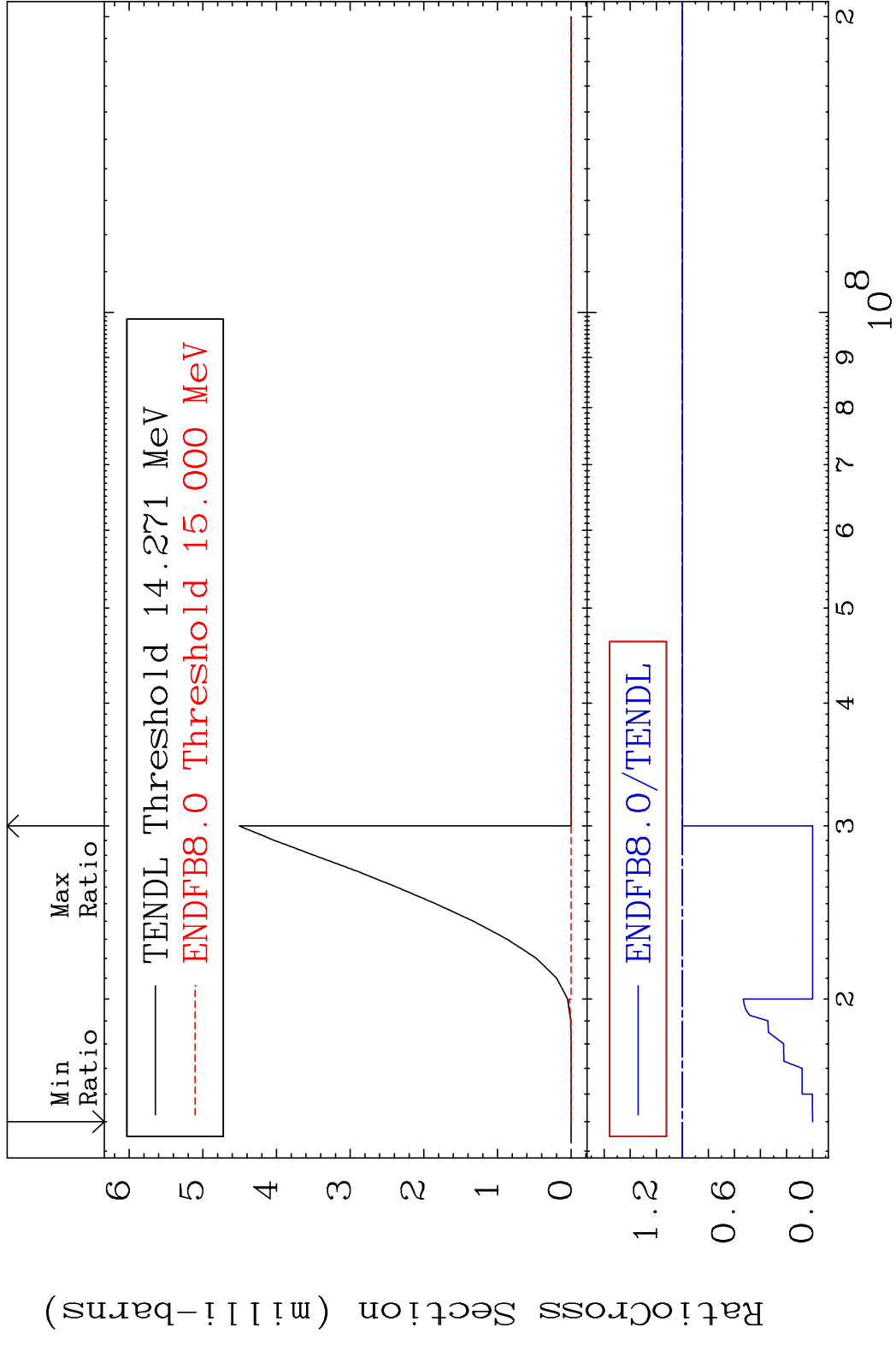
Incident Energy (eV)

20-Ca-48

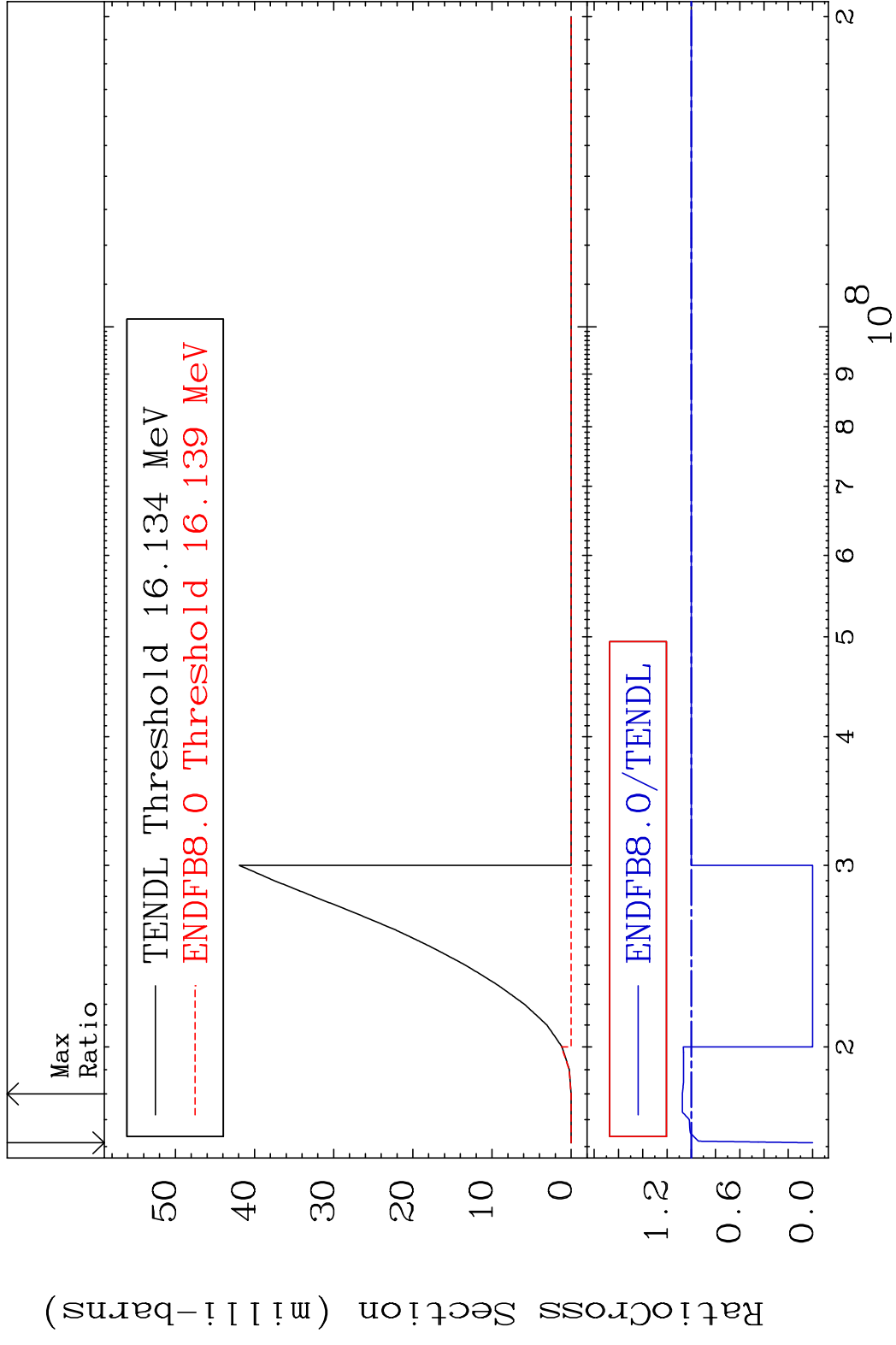
MAT 2049 (n,3n) 20-Ca-48
 Cross Section -100.0 To 33.82 %



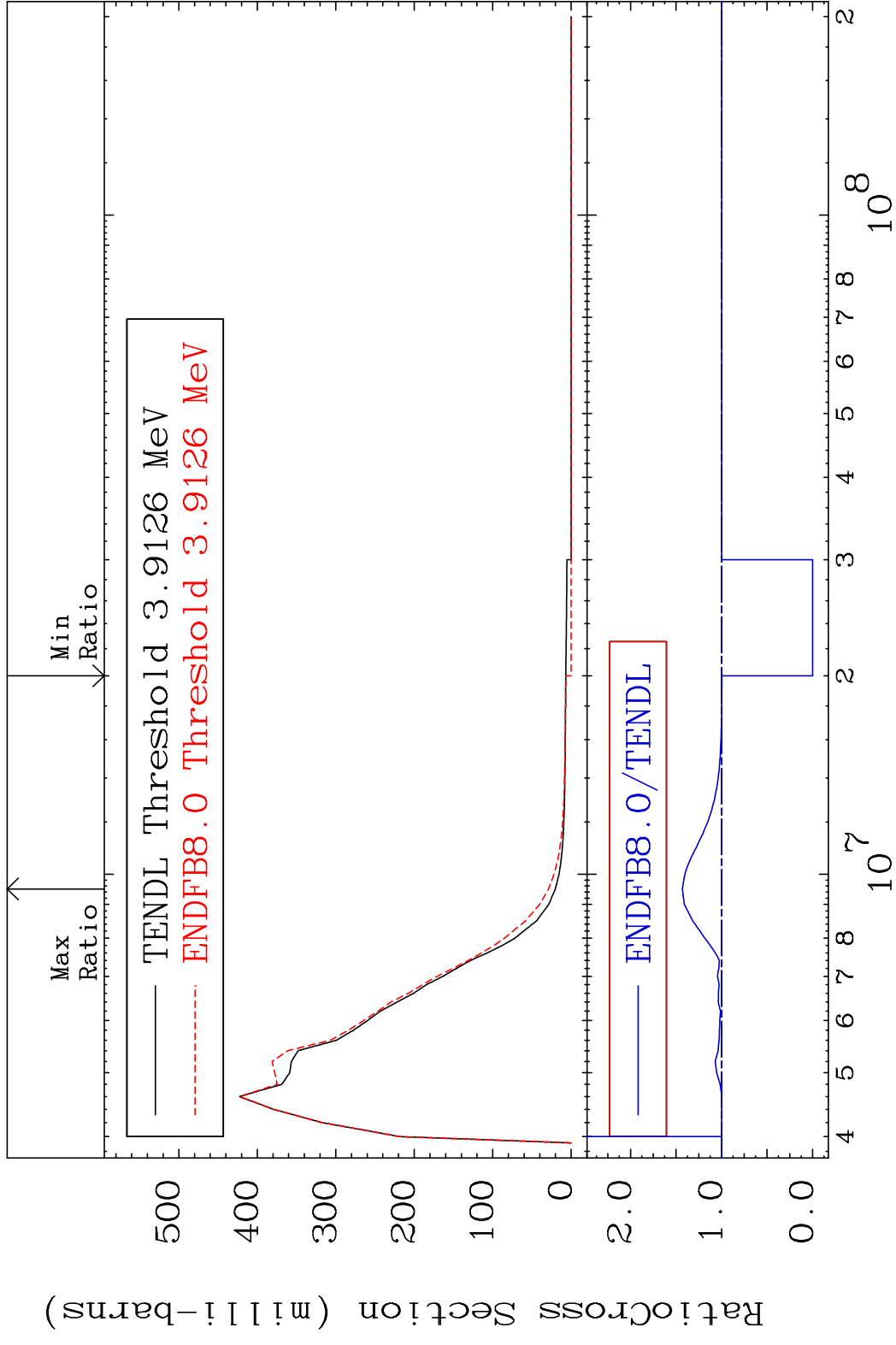
MAT 2049 (n, n') α 20-Ca-48
 Cross Section -100.0 To 0.000 %



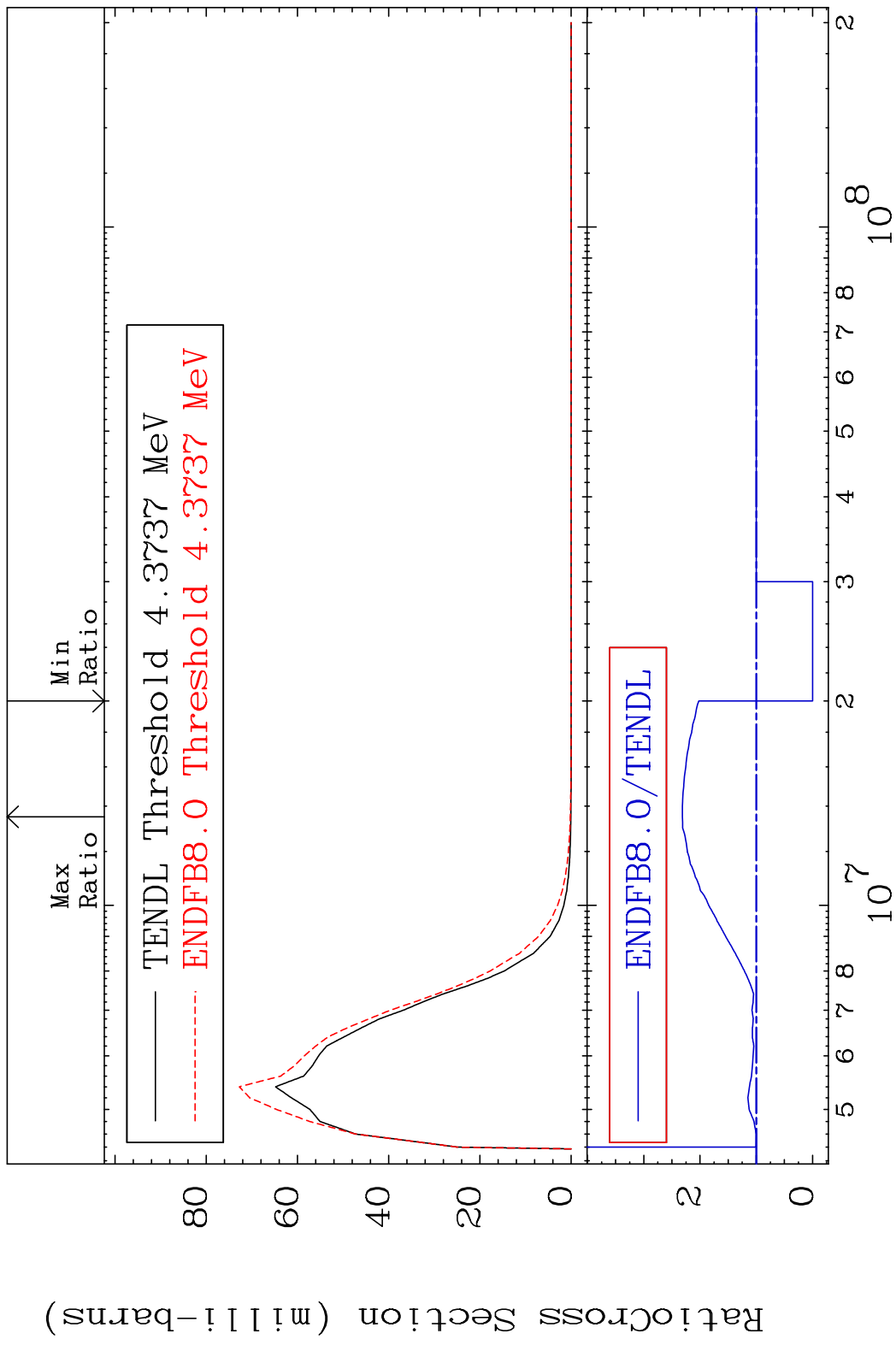
MAT 2049 (n, n') p 20-Ca-48
 Cross Section -100.0 To 7.342 %



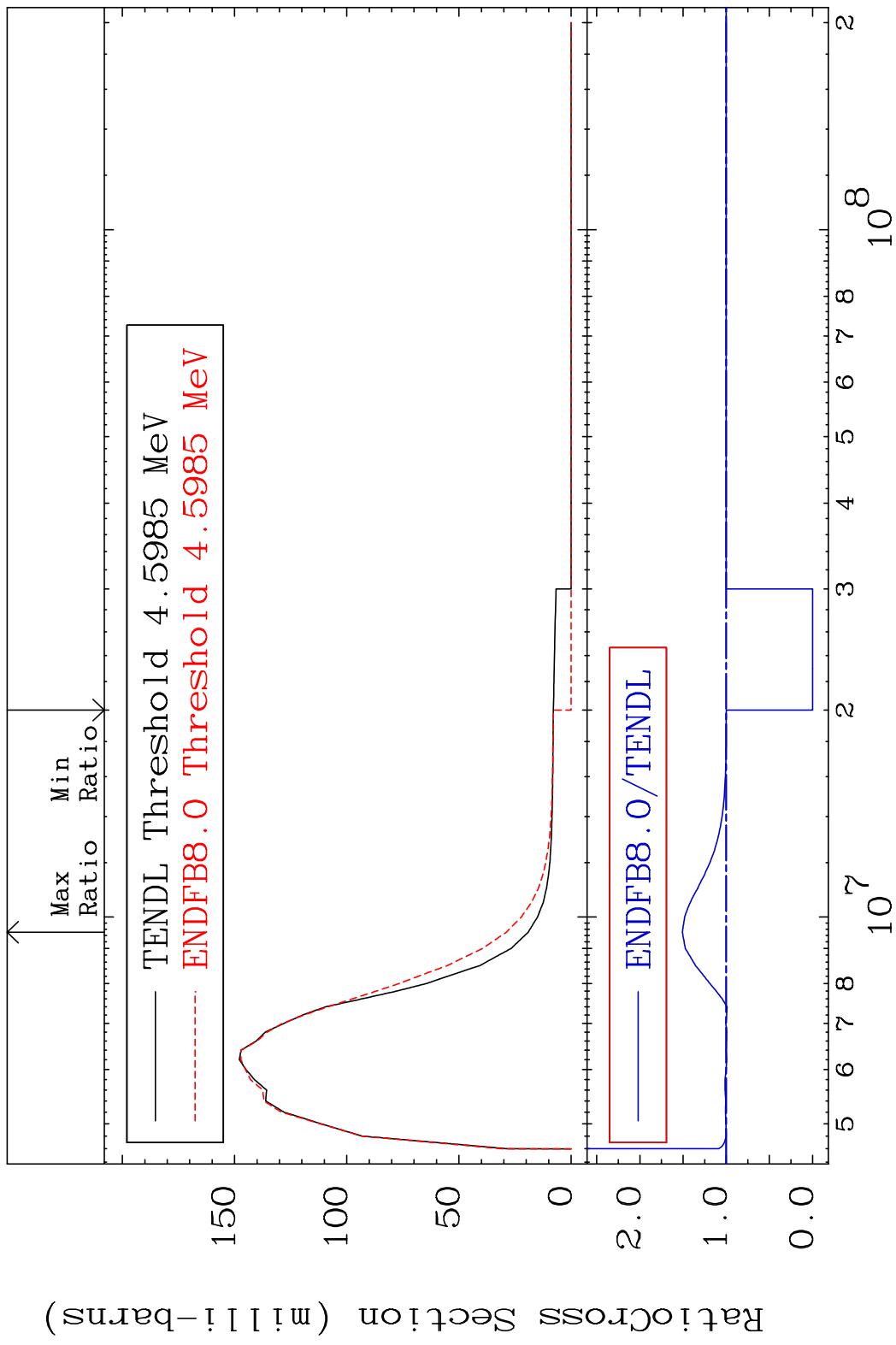
MAT 2049 MT= 51 (n, n') Level 20-Ca-48
 Cross Section -100.0 To 43.05 %



MAT 2049 MT= 52 (n, n') Level 20-Ca-48
 Cross Section -100.0 To 131.5 %

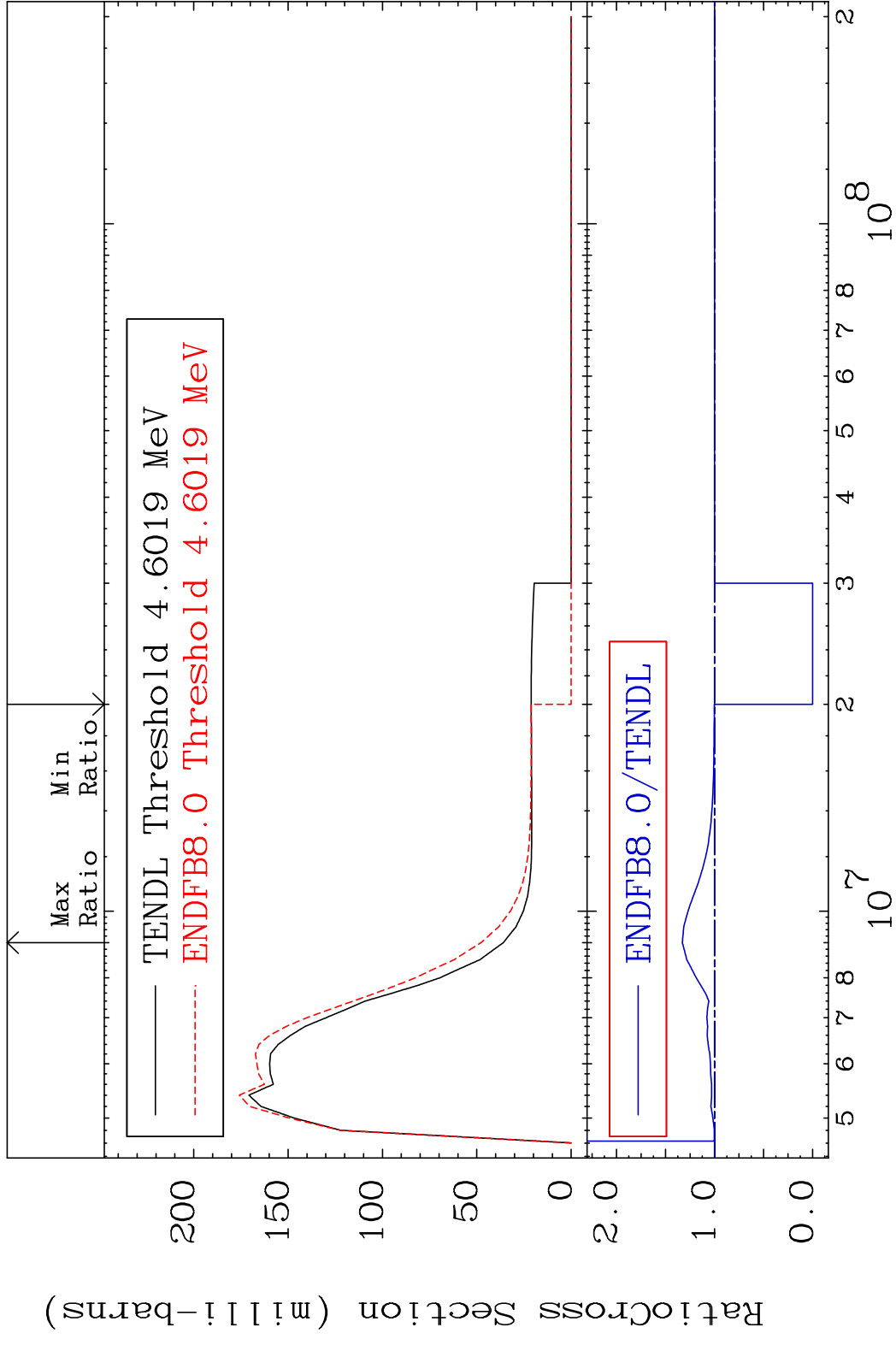


MAT 2049 MT= 53 (n, n') Level 20-Ca-48
 Cross Section -100.0 To 50.80 %

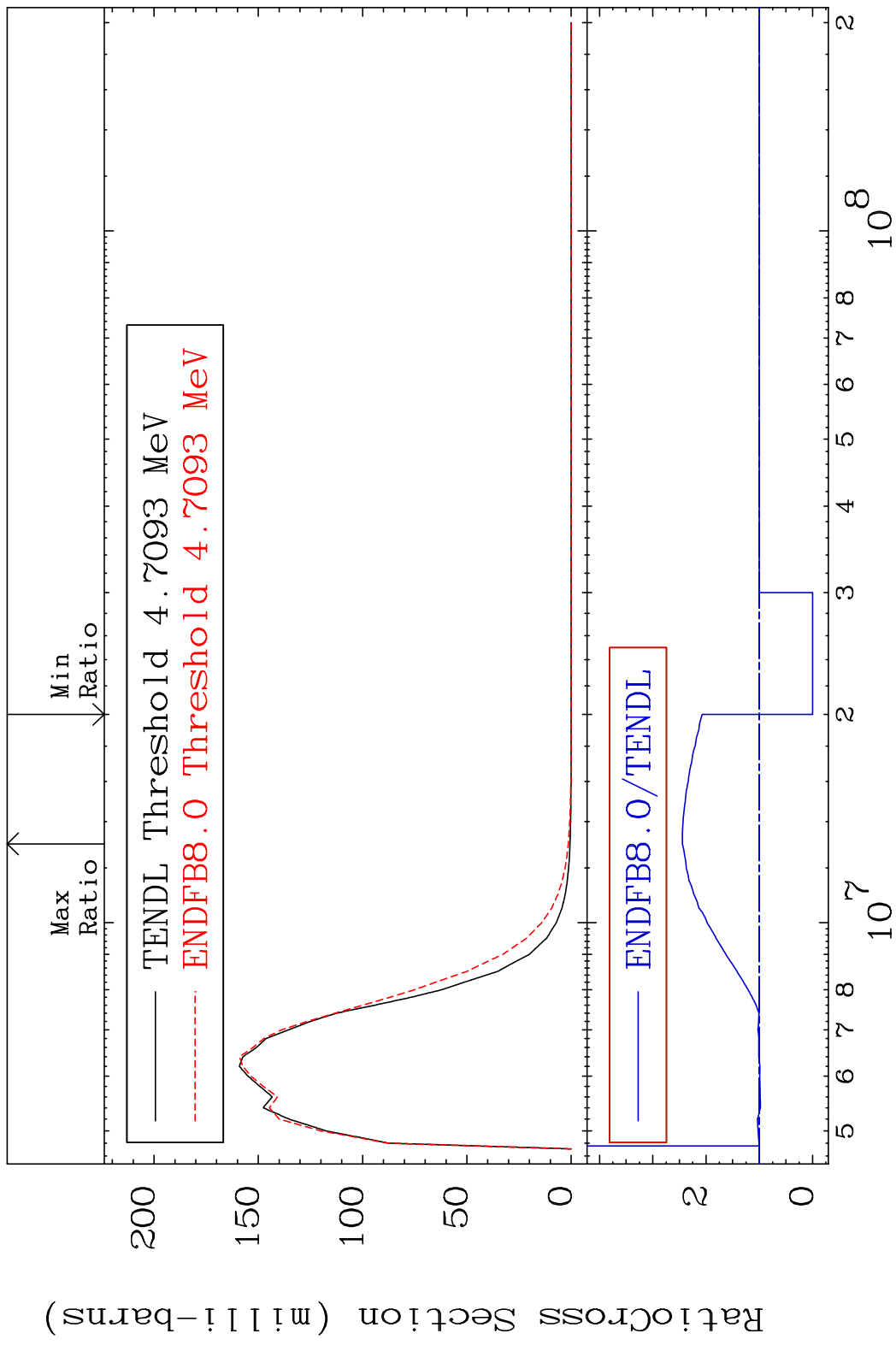


11 Incident Energy (eV) 20-Ca-48

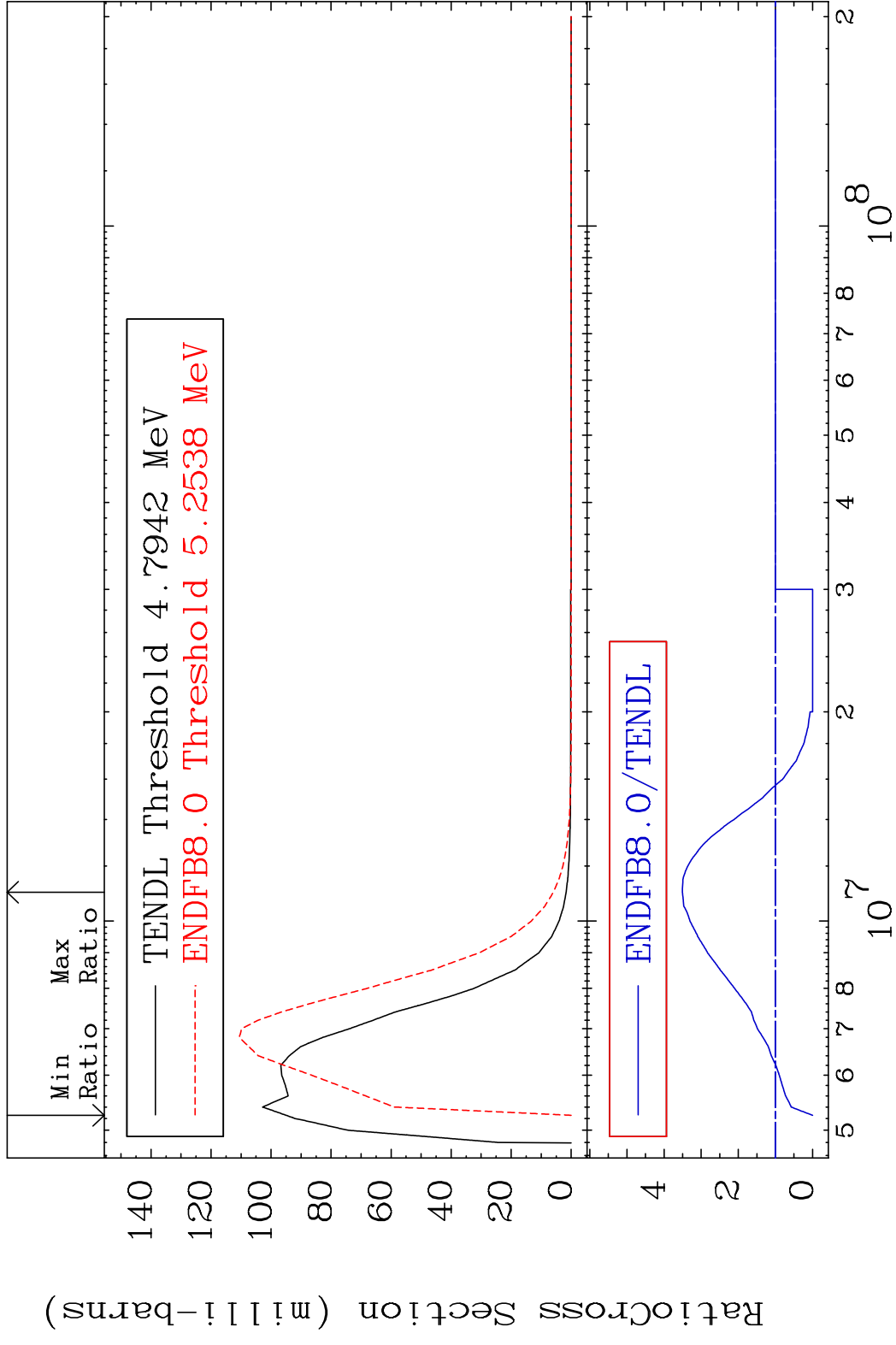
MAT 2049 MT= 54 (n, n') Level 20-Ca-48
 Cross Section -100.0 To 32.87 %



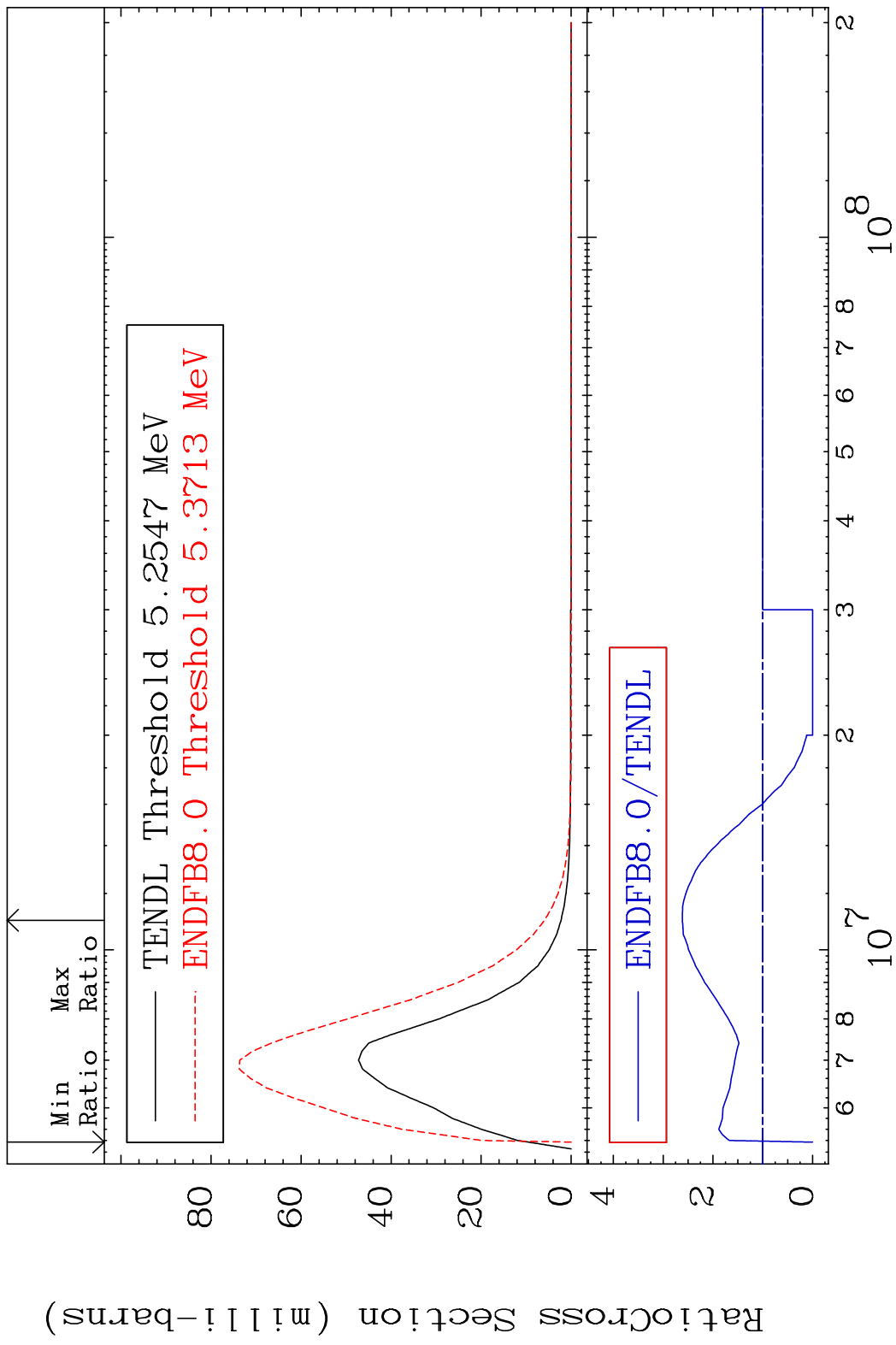
MAT 2049 MT= 55 (n, n') Level 20-Ca-48
 Cross Section -100.0 To 144.5 %



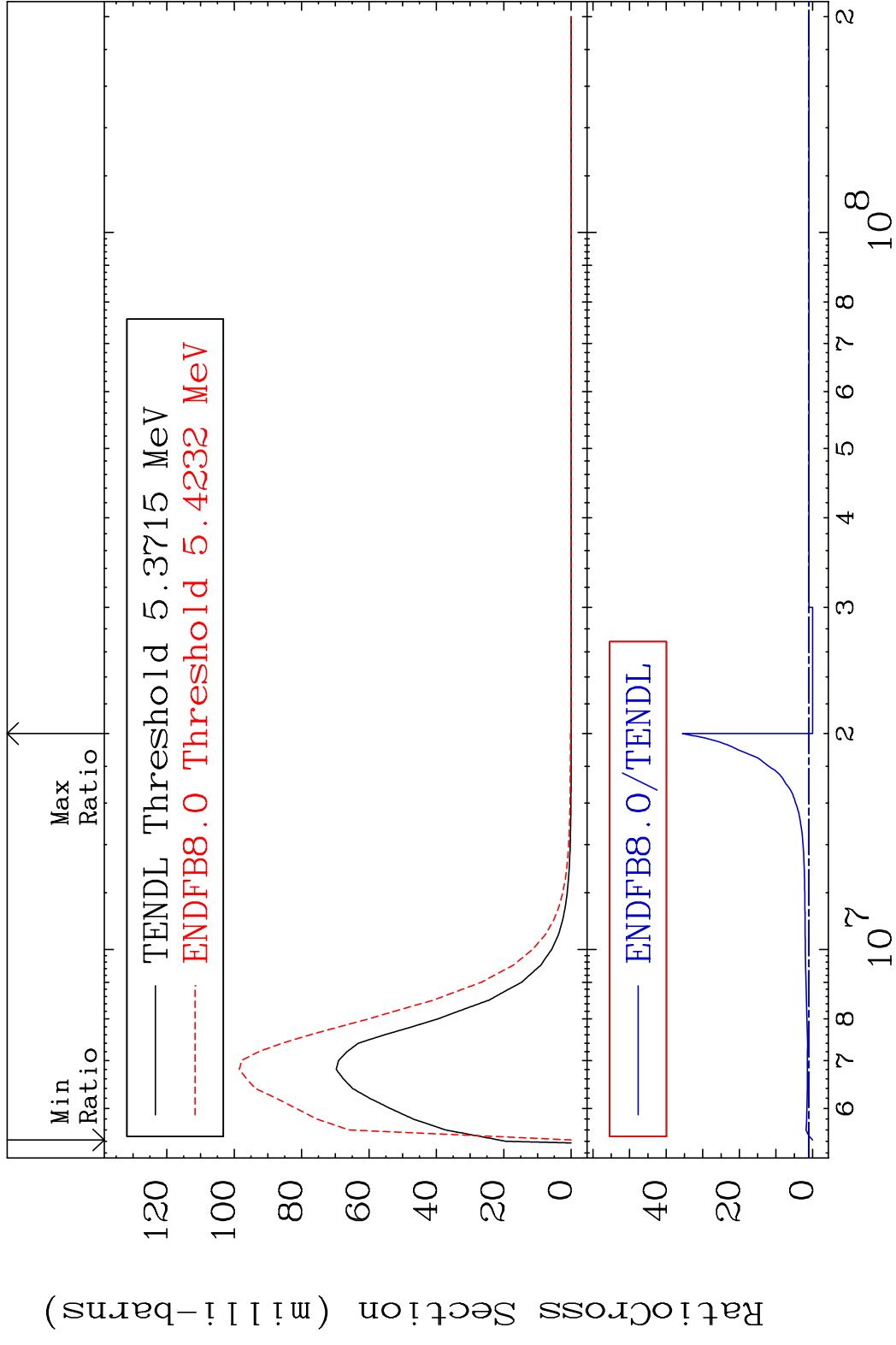
MAT 2049 MT= 56 (n,n') Level 20-Ca-48
 Cross Section -100.0 To 250.7 %



MAT 2049 MT= 57 (n,n') Level 20-Ca-48
 Cross Section -100.0 To 161.5 %

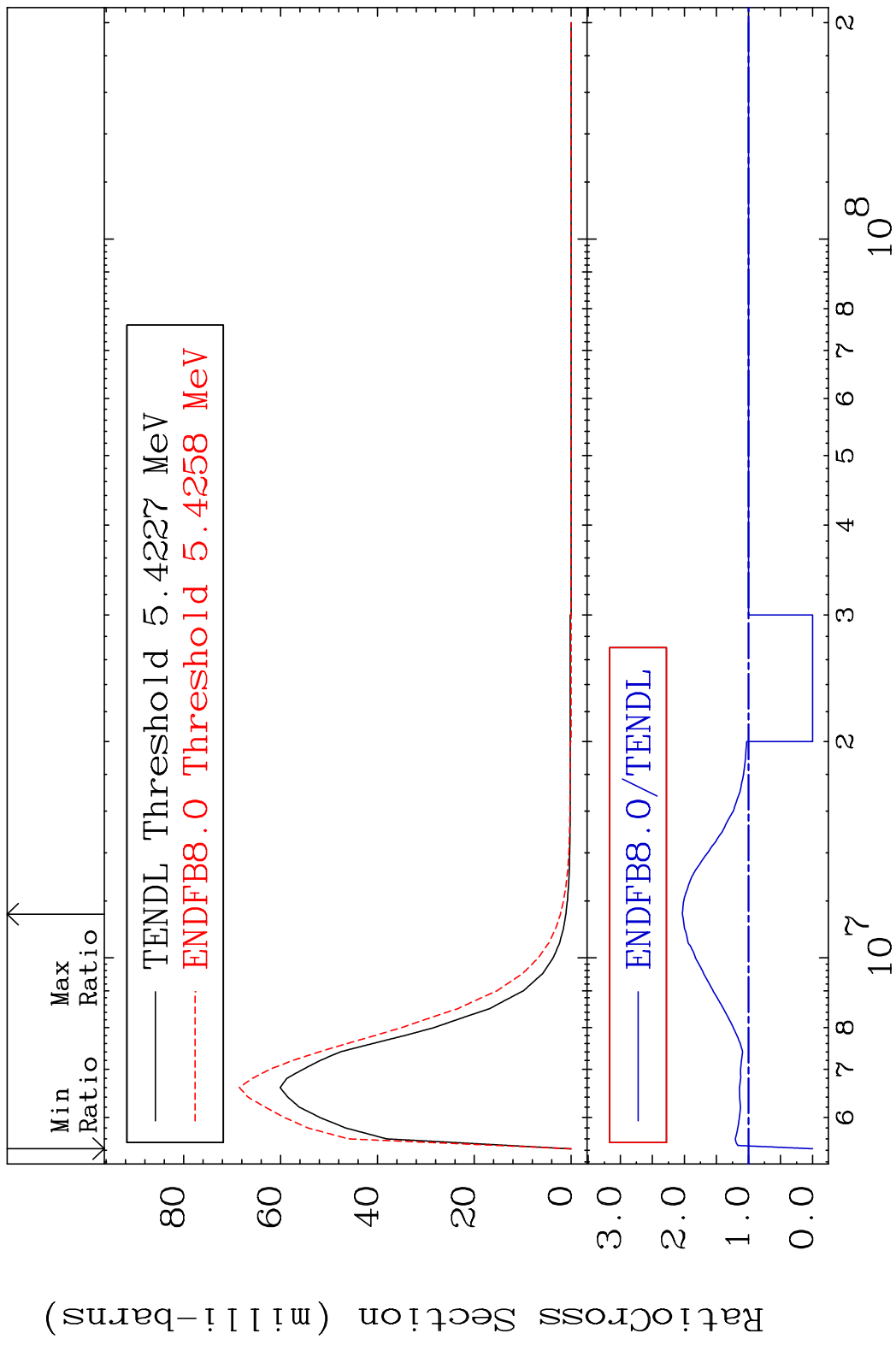


MAT 2049 MT= 58 (n,n') Level 20-Ca-48
 Cross Section -100.0 To 3458. %

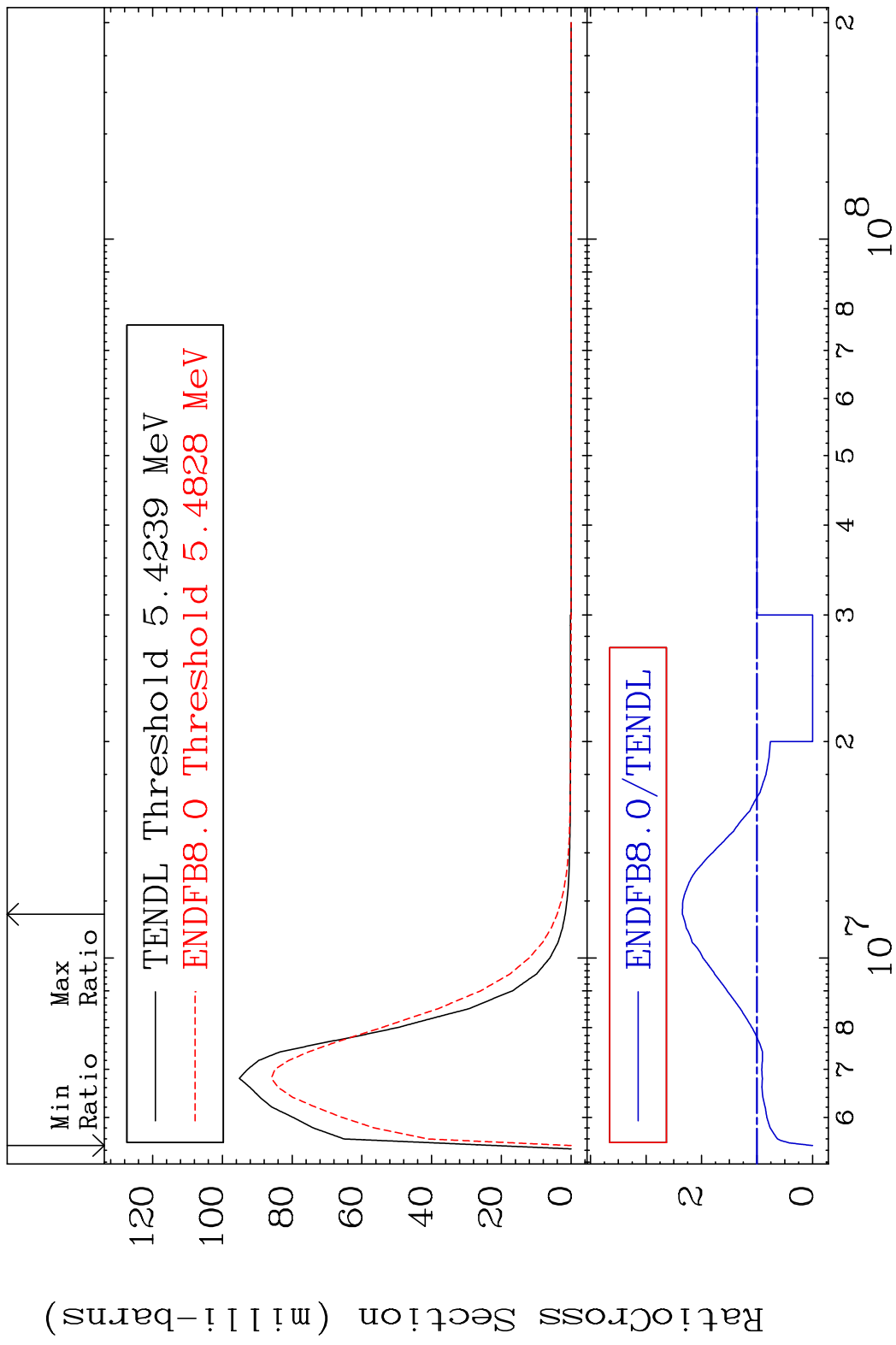


16 20-Ca-48

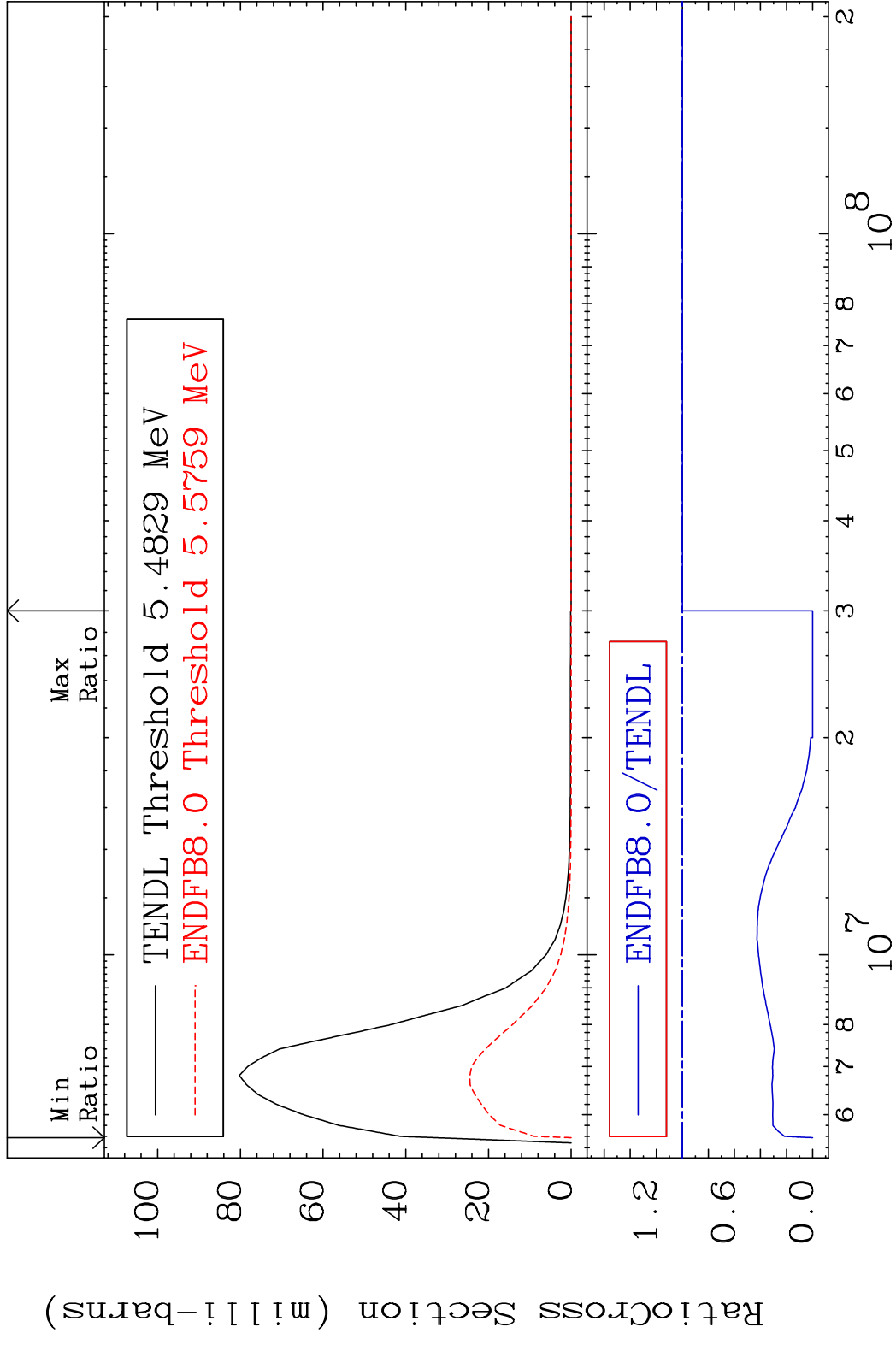
MAT 2049 MT= 59 (n,n') Level 20-Ca-48
 Cross Section -100.0 To 103.2 %



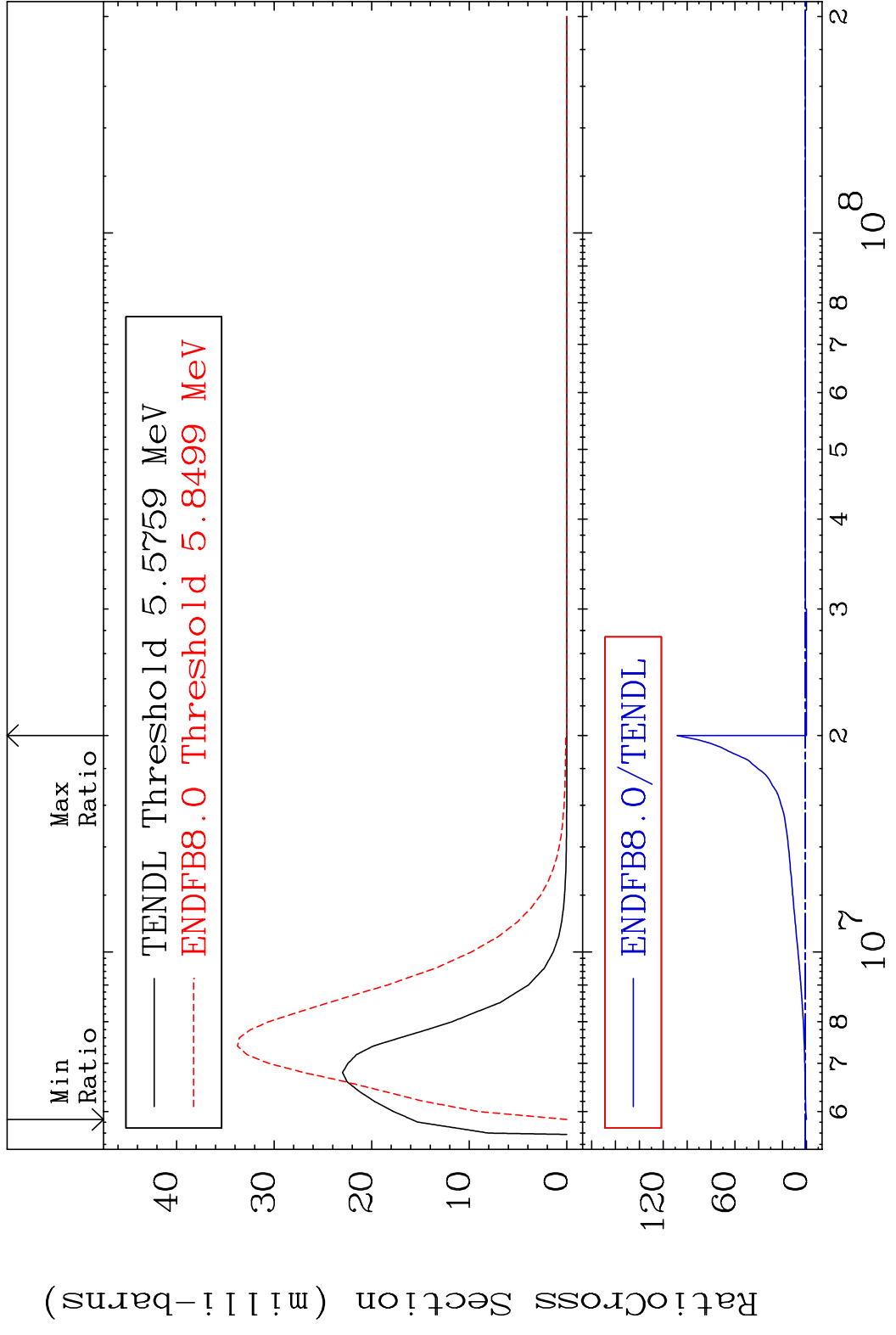
MAT 2049 MT= 60 (n,n') Level 20-Ca-48
 Cross Section -100.0 To 134.6 %



MAT 2049 MT= 61 (n, n') Level 20-Ca-48
 Cross Section -100.0 To 0.000 %

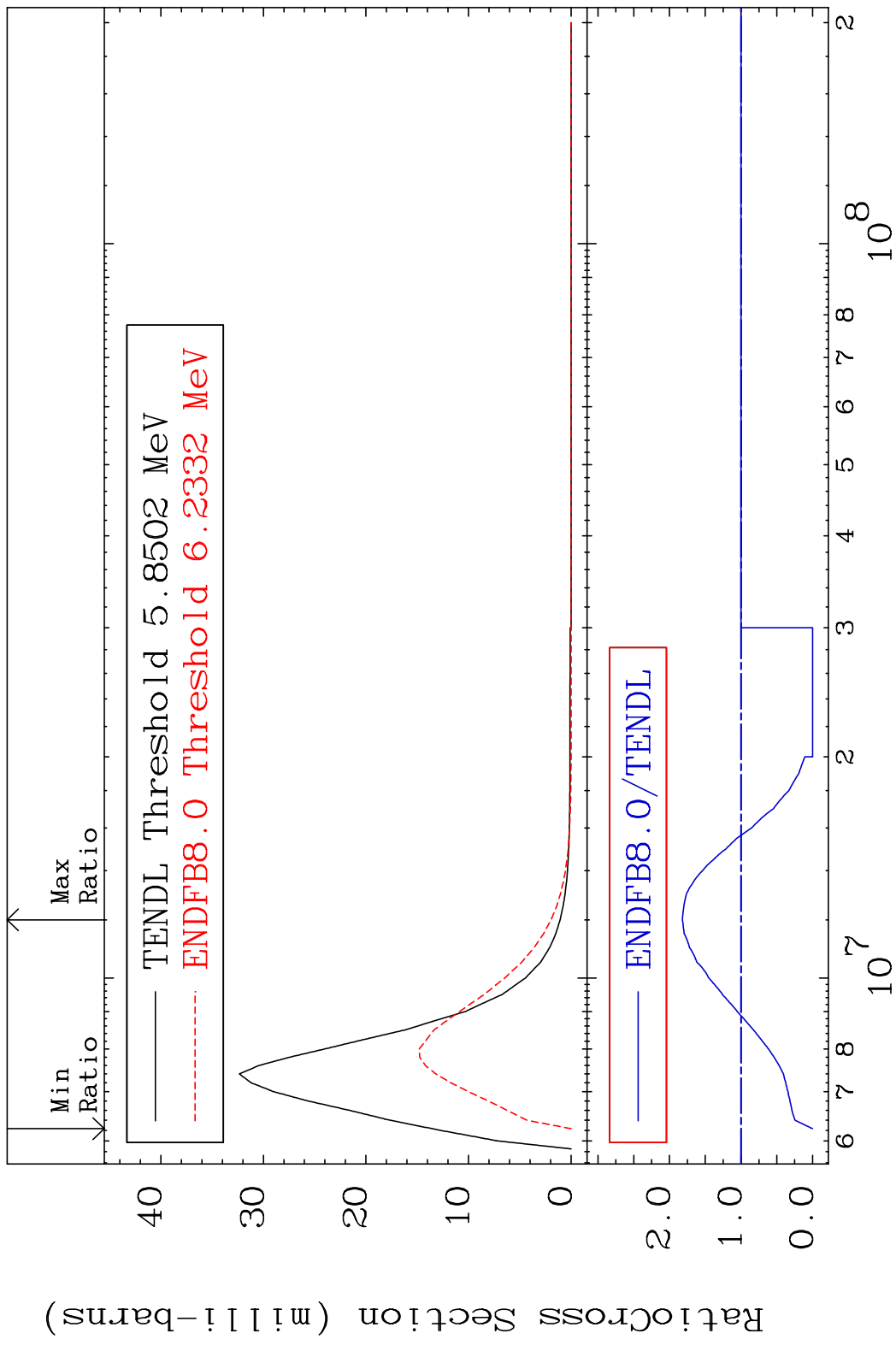


MAT 2049 MT= 62 (n,n') Level 20-Ca-48
 Cross Section -100.0 To 9999. %

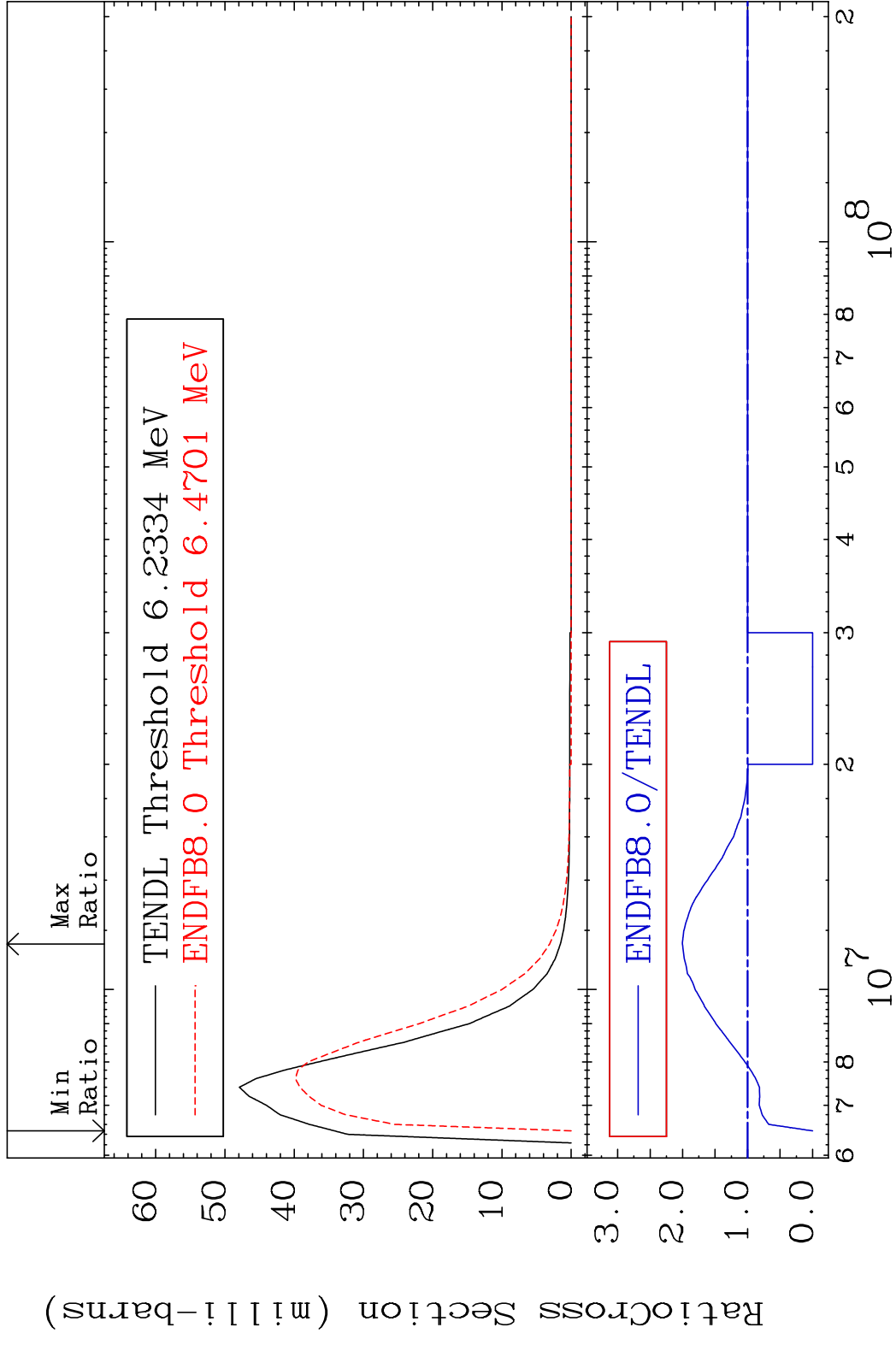


20 Incident Energy (eV) 20-Ca-48

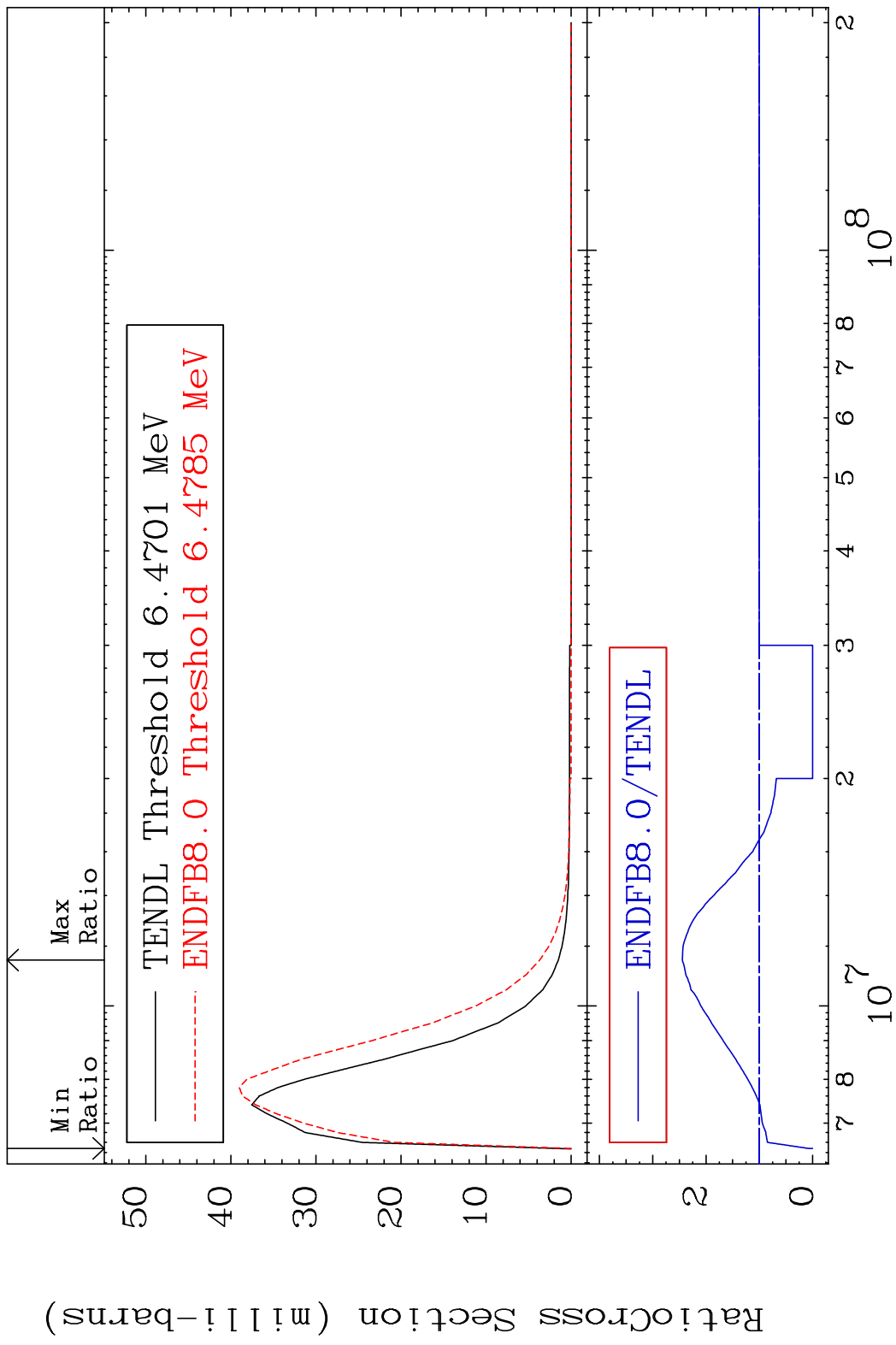
MAT 2049 MT= 63 (n, n') Level 20-Ca-48
 Cross Section -100.0 To 82.02 %



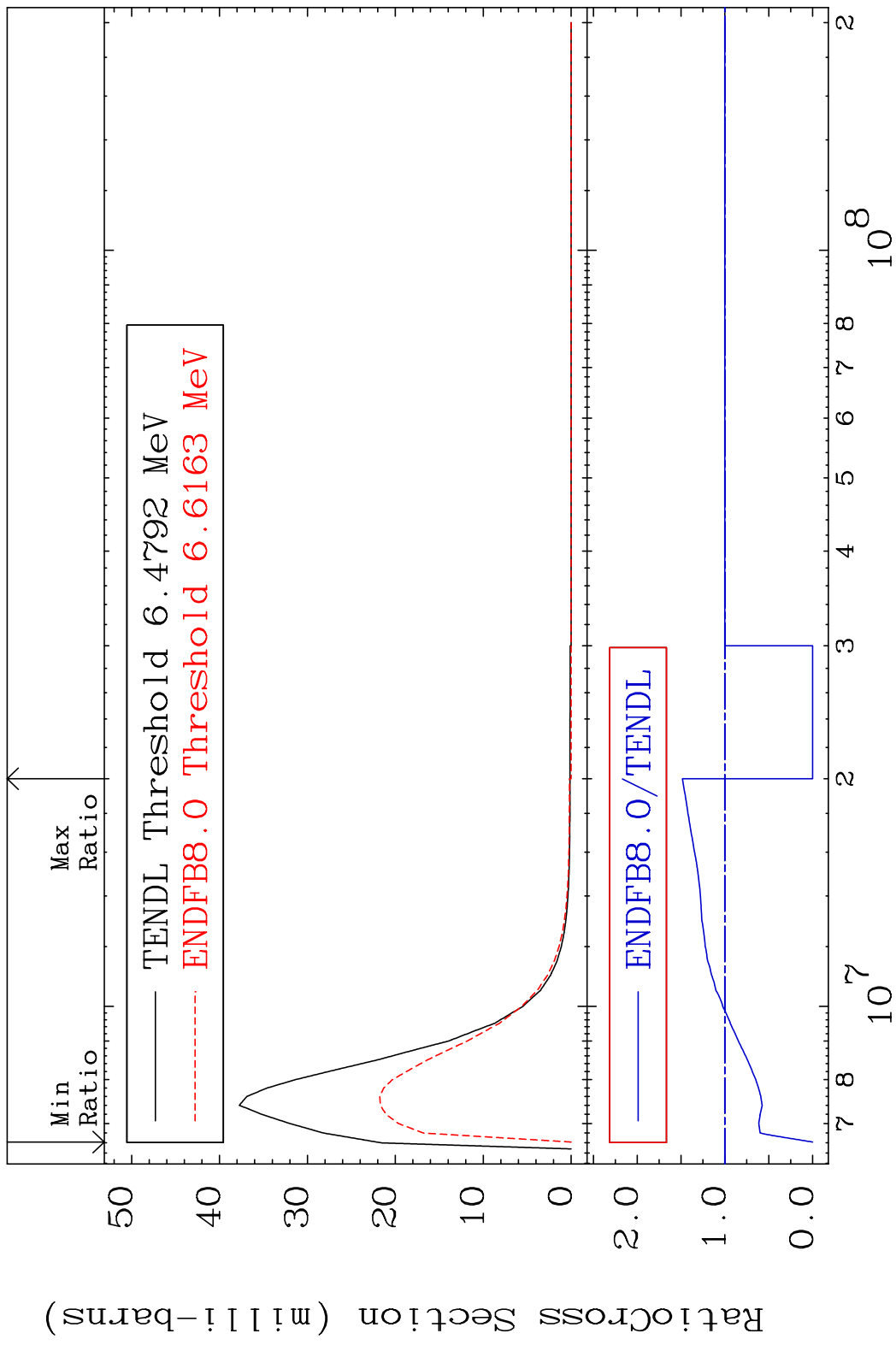
MAT 2049 MT= 64 (n,n') Level 20-Ca-48
 Cross Section -100.0 To 100.4 %



MAT 2049 MT= 65 (n,n') Level 20-Ca-48
 Cross Section -100.0 To 144.4 %

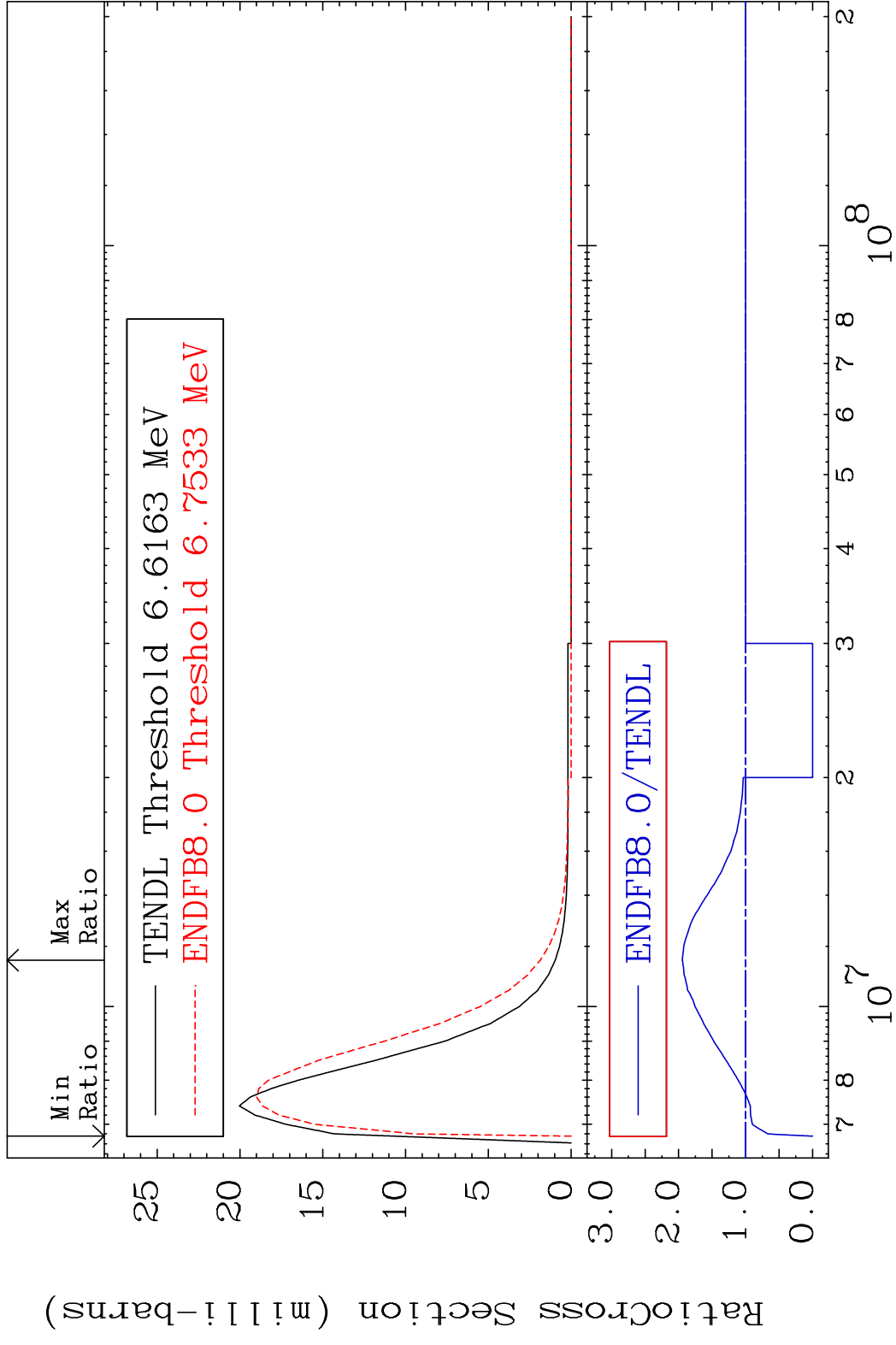


MAT 2049 MT= 66 (n,n') Level 20-Ca-48
 Cross Section -100.0 To 48.49 %

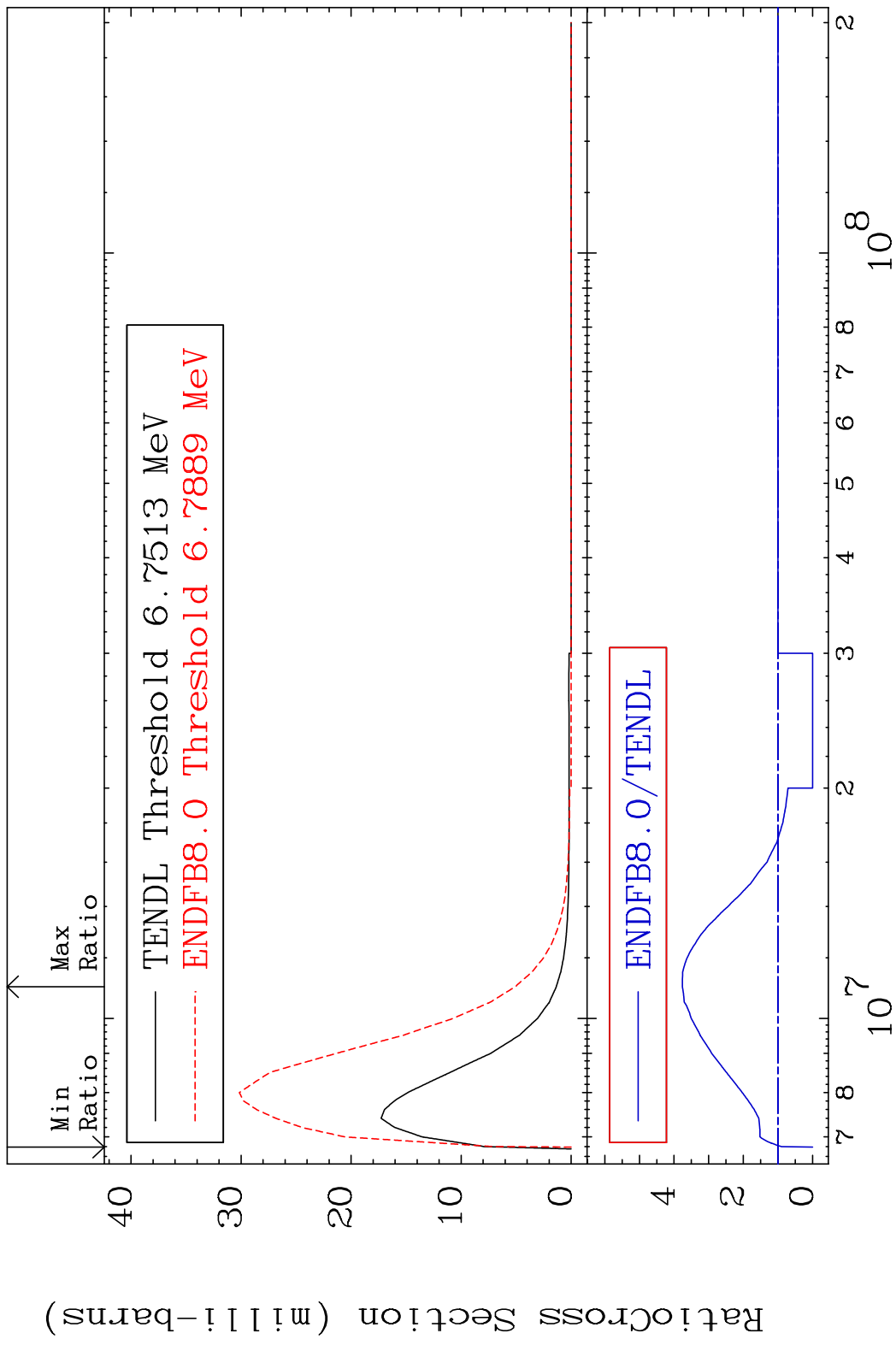


24 20-Ca-48

MAT 2049 MT= 67 (n,n') Level 20-Ca-48
 Cross Section -100.0 To 94.43 %

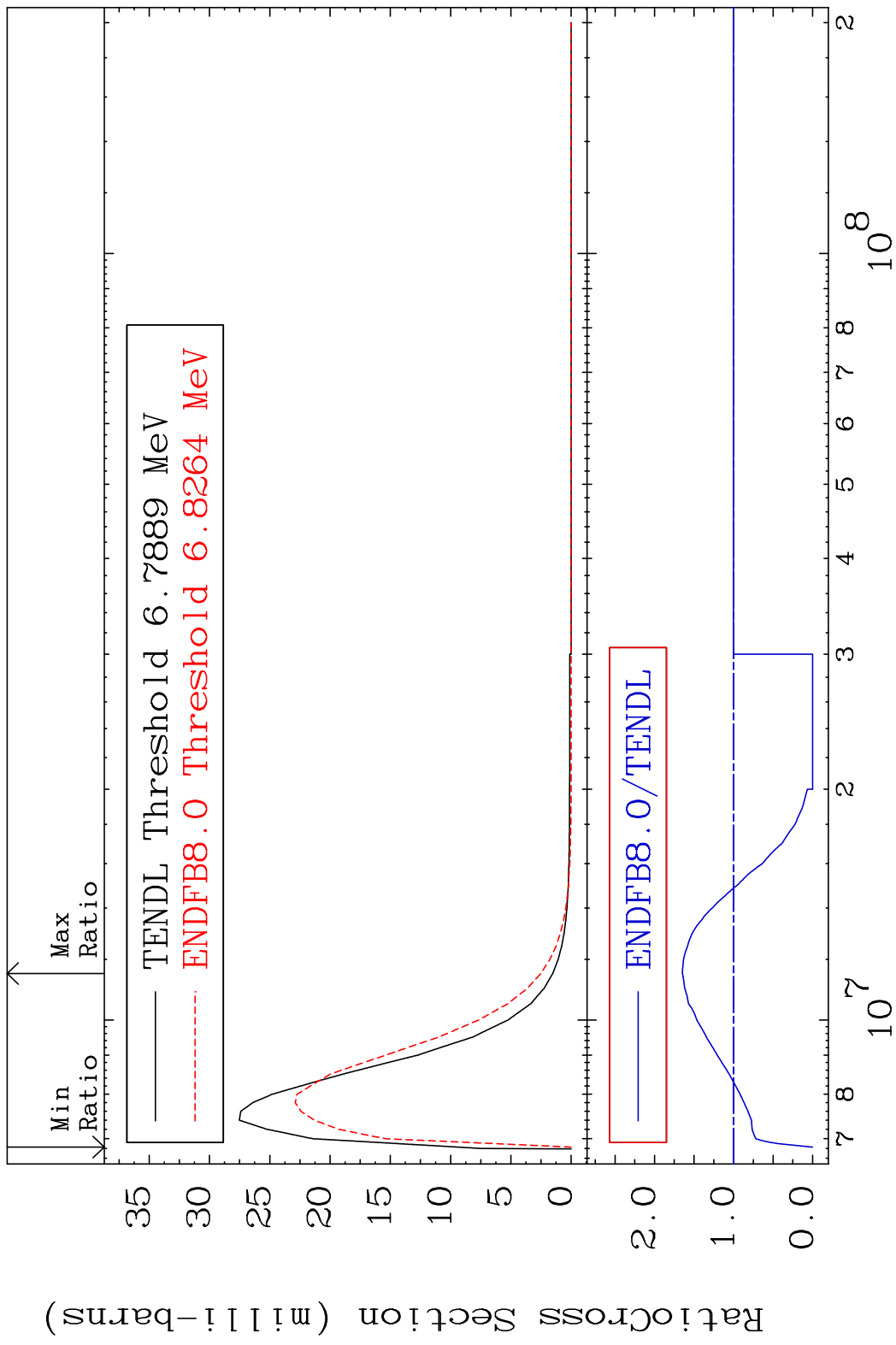


MAT 2049 MT= 68 (n,n') Level 20-Ca-48
 Cross Section -100.0 To 276.0 %

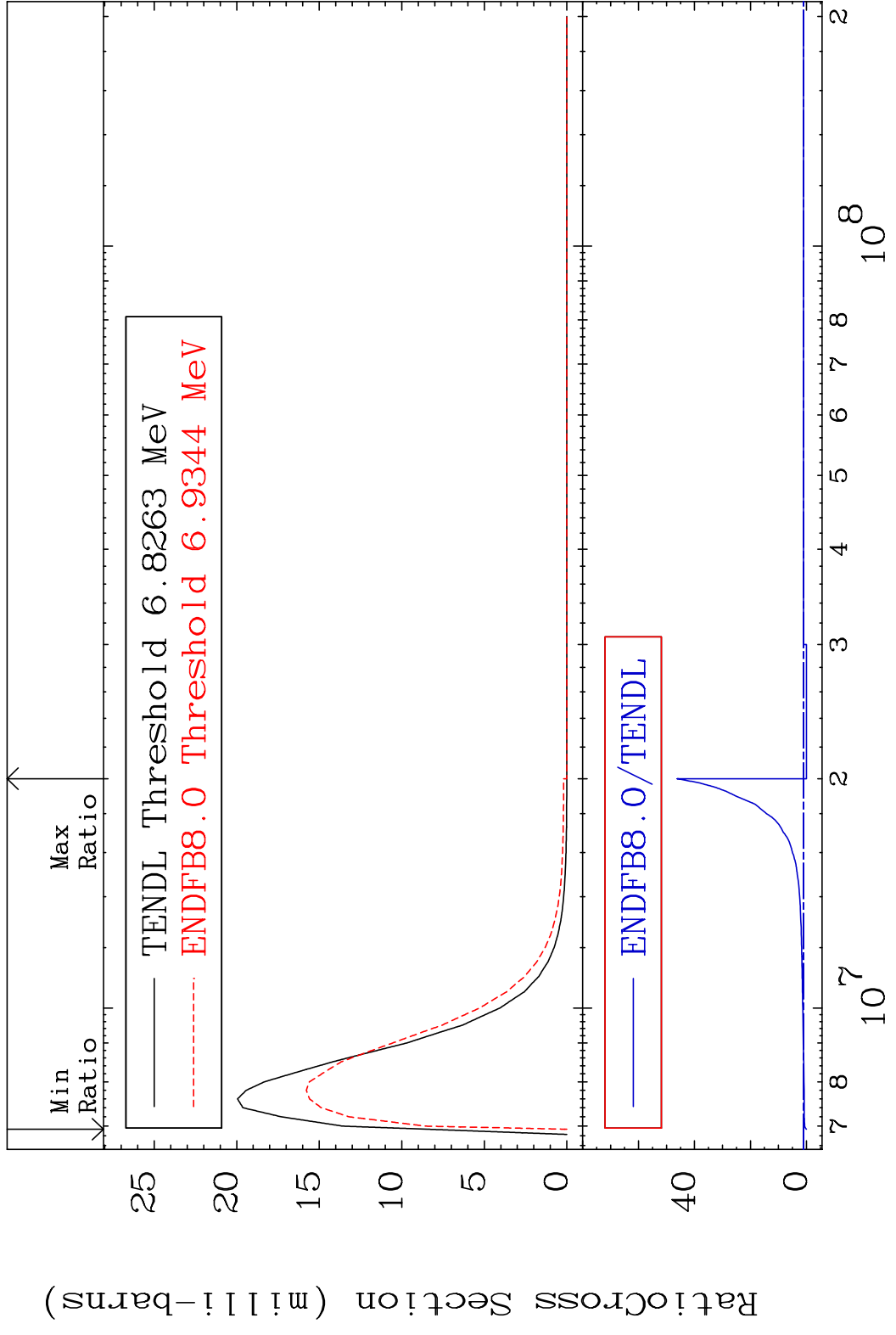


26 Incident Energy (eV) 20-Ca-48

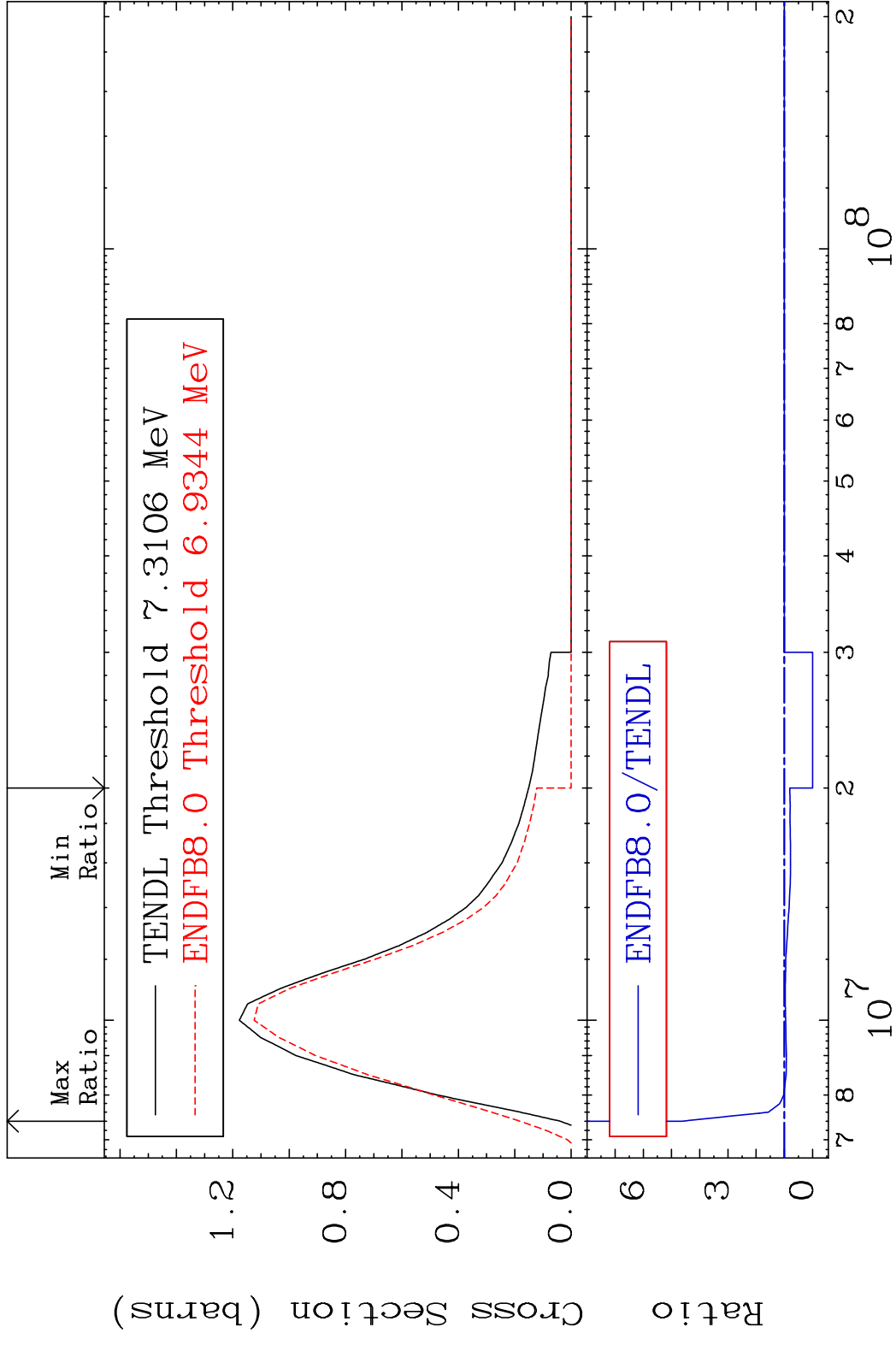
MAT 2049 MT= 69 (n,n') Level 20-Ca-48
 Cross Section -100.0 To 64.78 %



MAT 2049 MT= 70 (n,n') Level 20-Ca-48
 Cross Section -100.0 To 4520. %



MAT 2049 (n,n') Continuum 20-Ca-48
 Cross Section -100.0 To 361.5 %

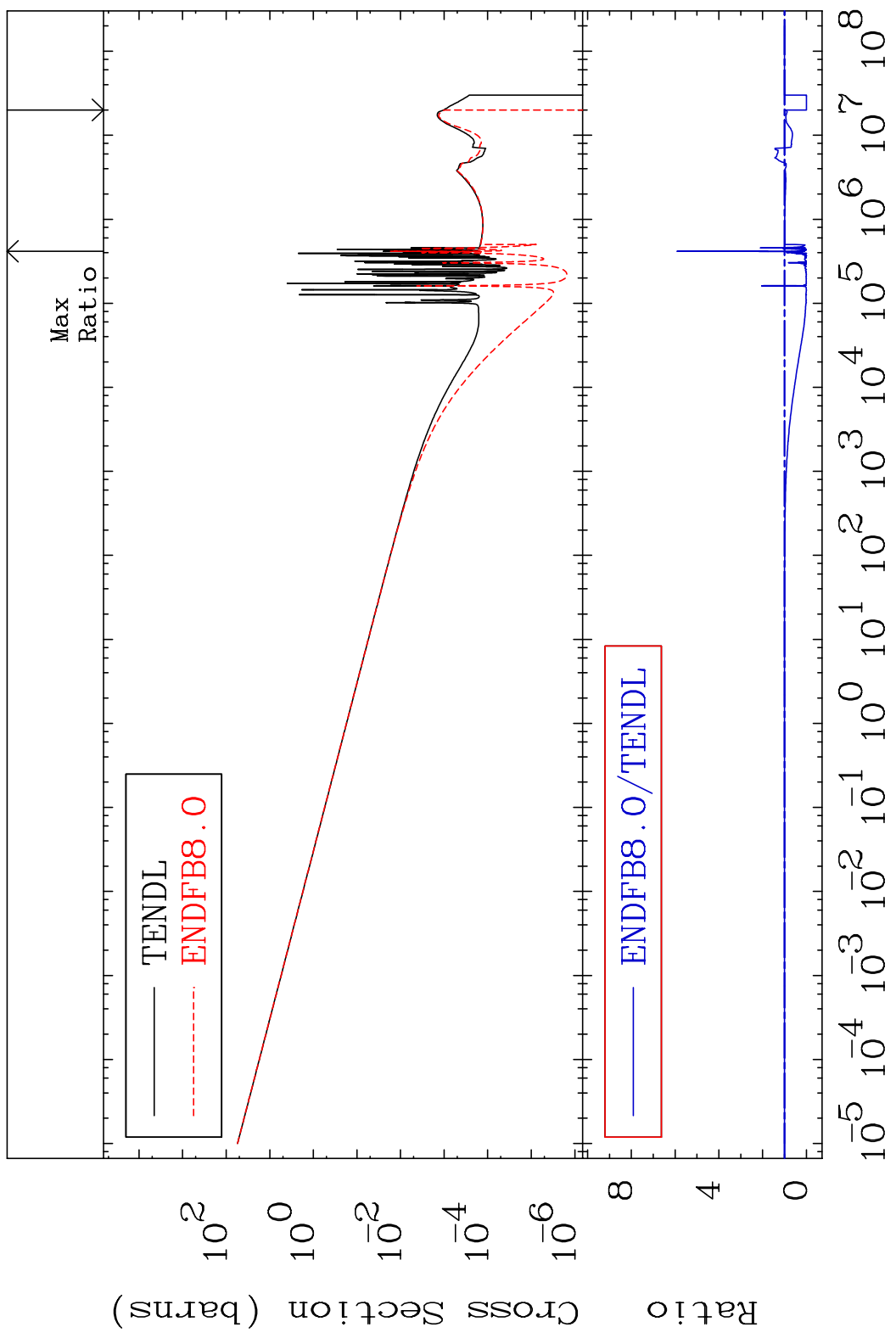


MAT 2049

(n, γ)

20-Ca-48

Cross Section -100.0 To 490.5 %

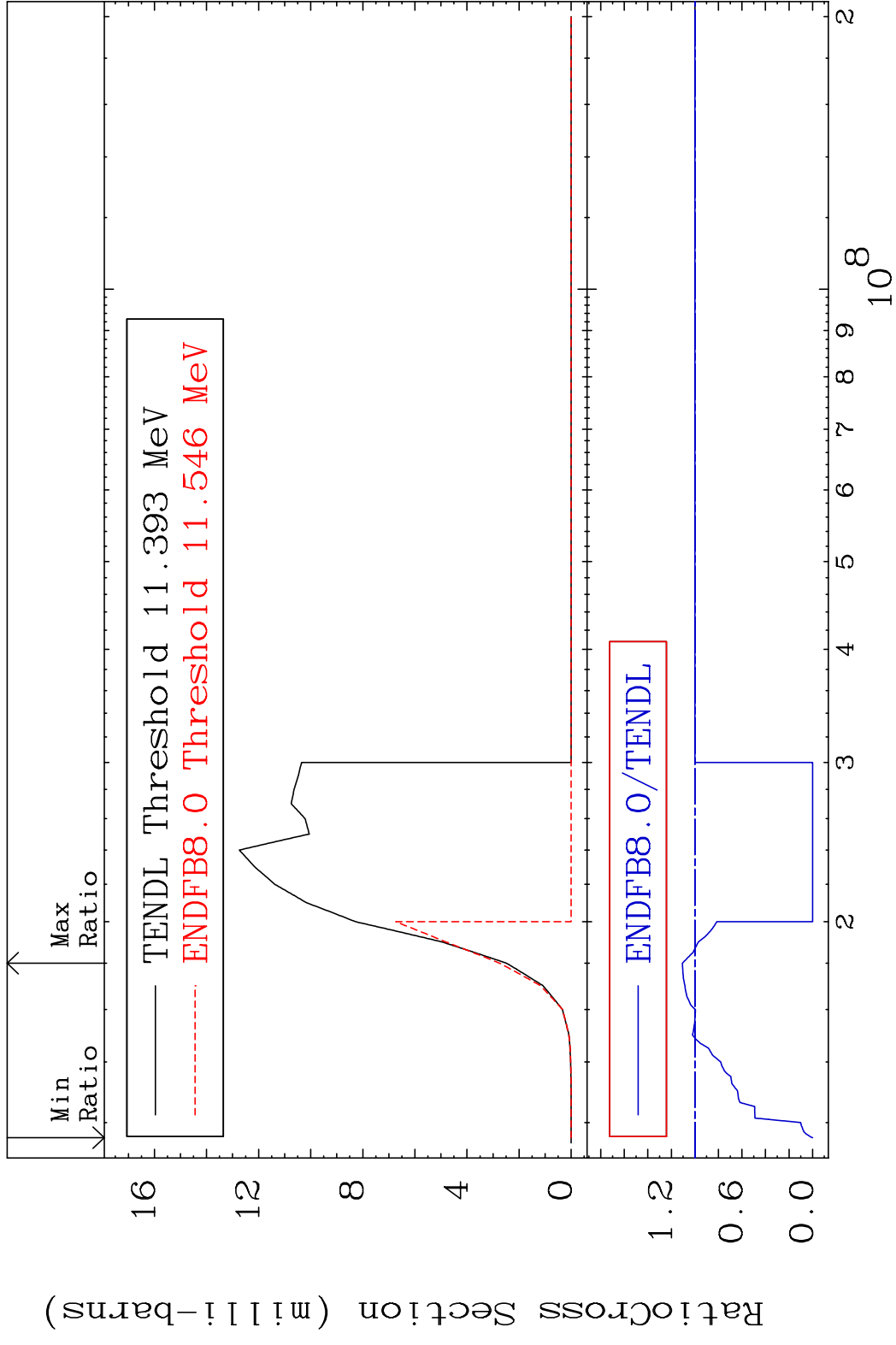


30

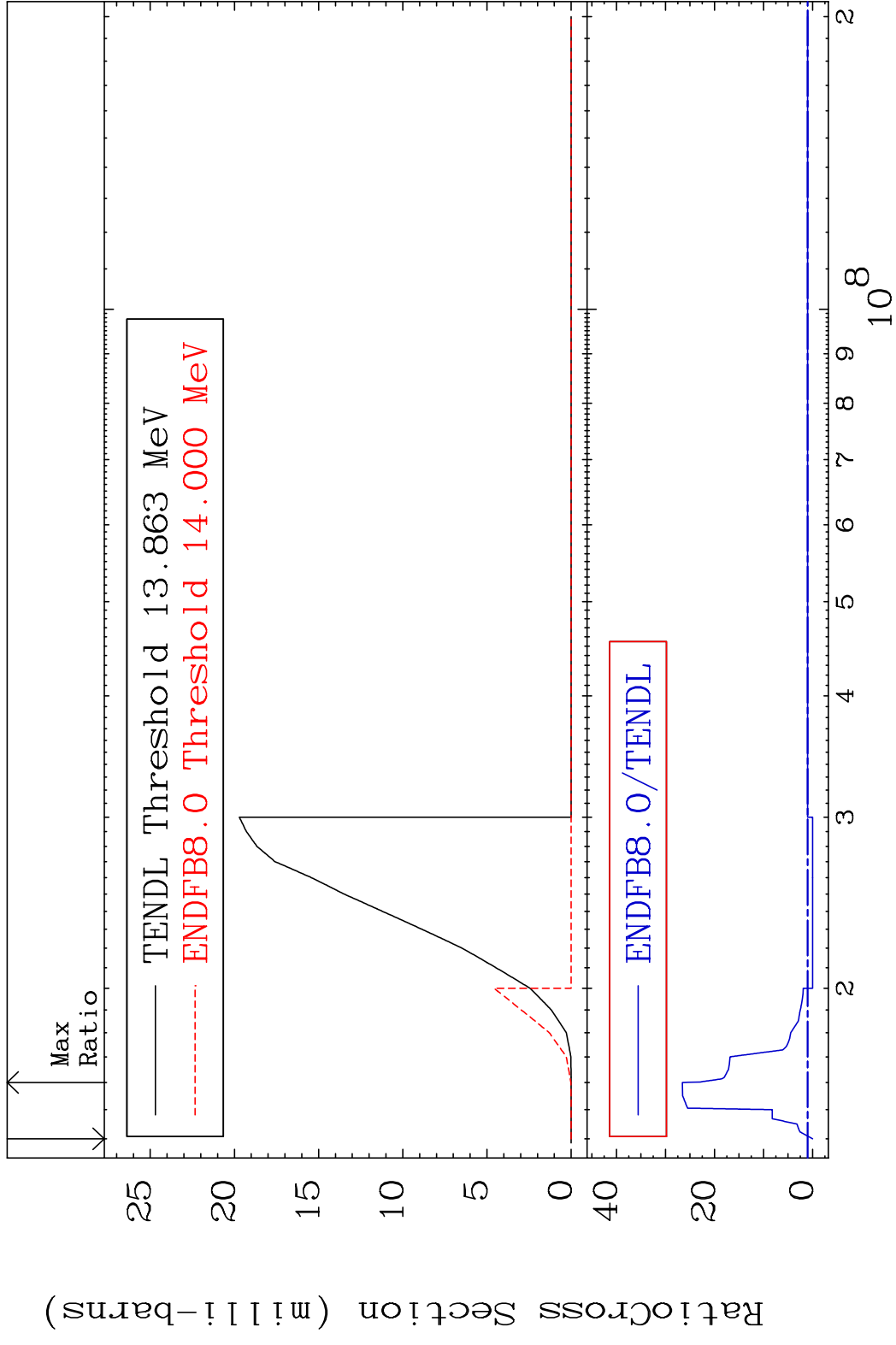
Incident Energy (eV)

20-Ca-48

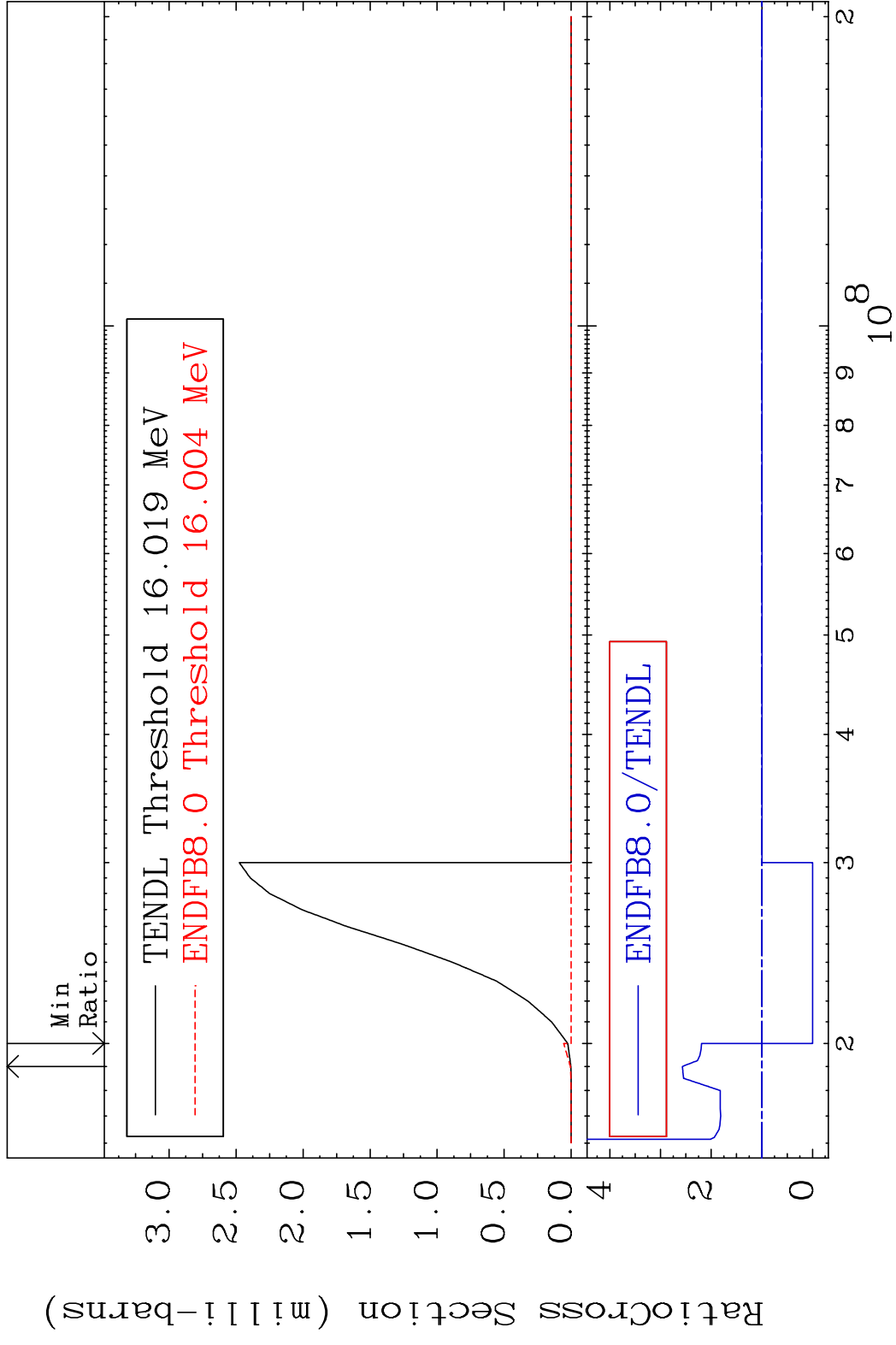
MAT 2049 (n,p) 20-Ca-48
 Cross Section -100.0 To 10.65 %



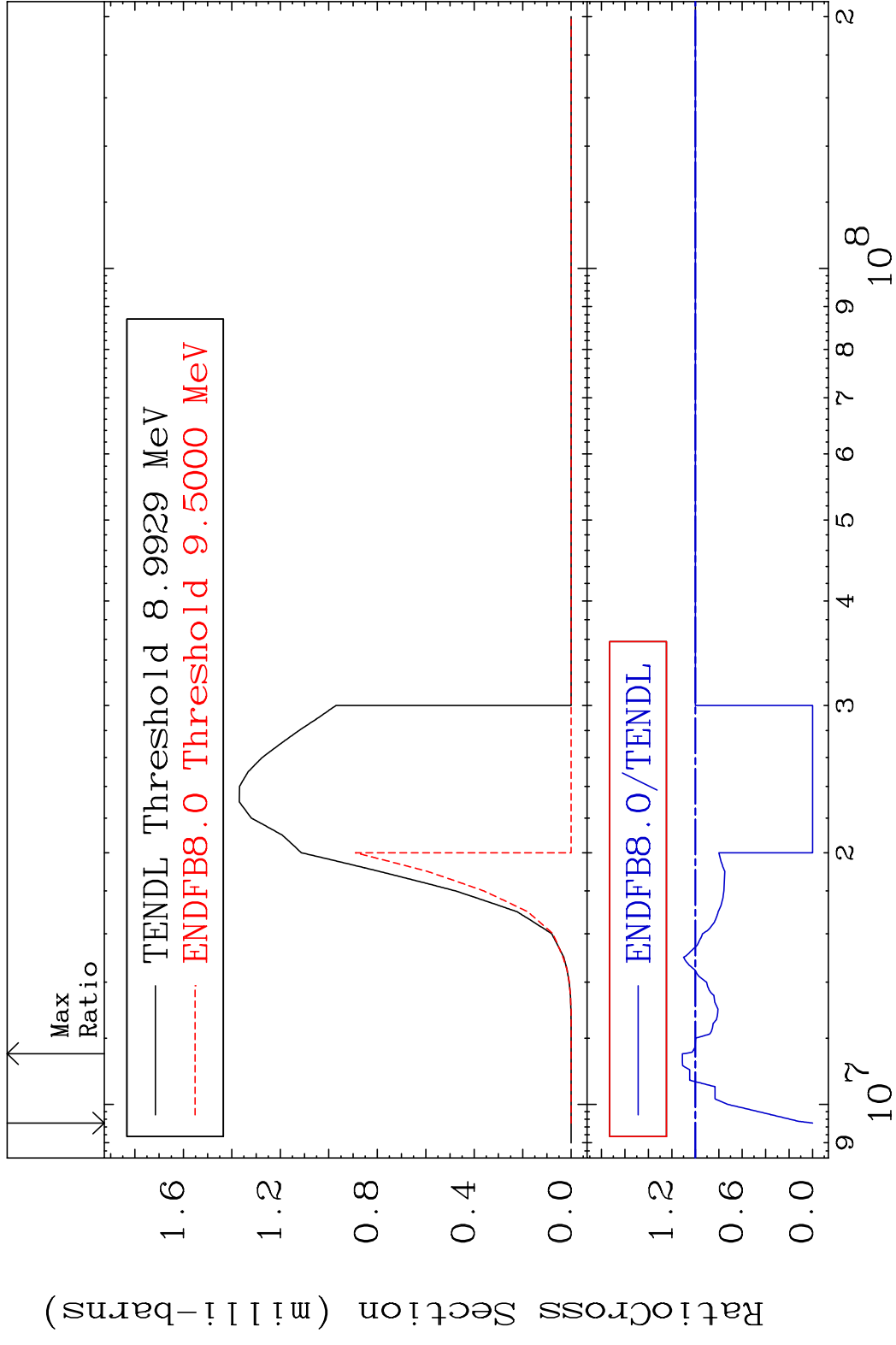
MAT 2049 (n,d) 20-Ca-48
 Cross Section -100.0 To 2556. %



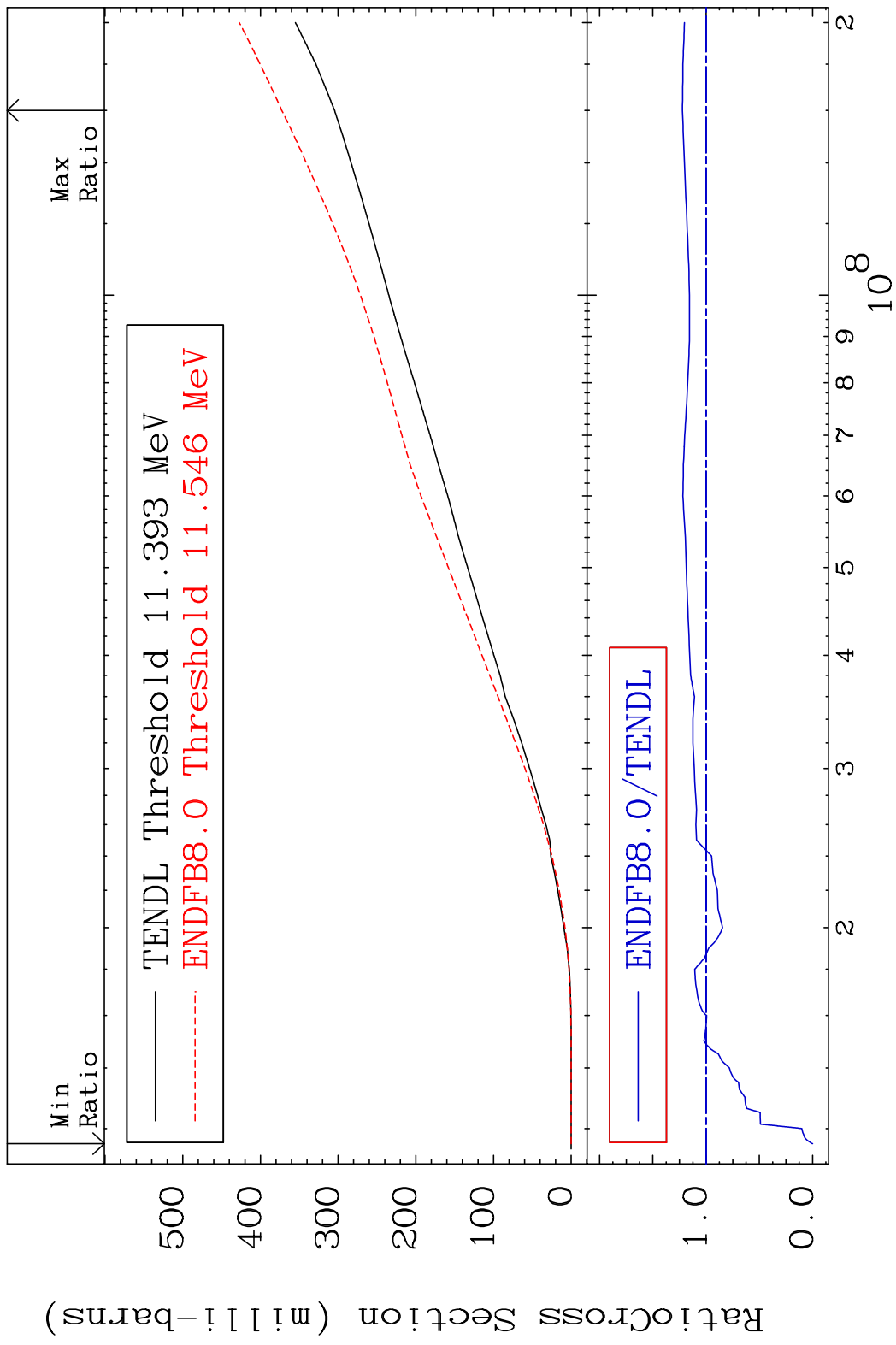
MAT 2049 (n, t) 20-Ca-48
 Cross Section -100.0 To 156.9 %



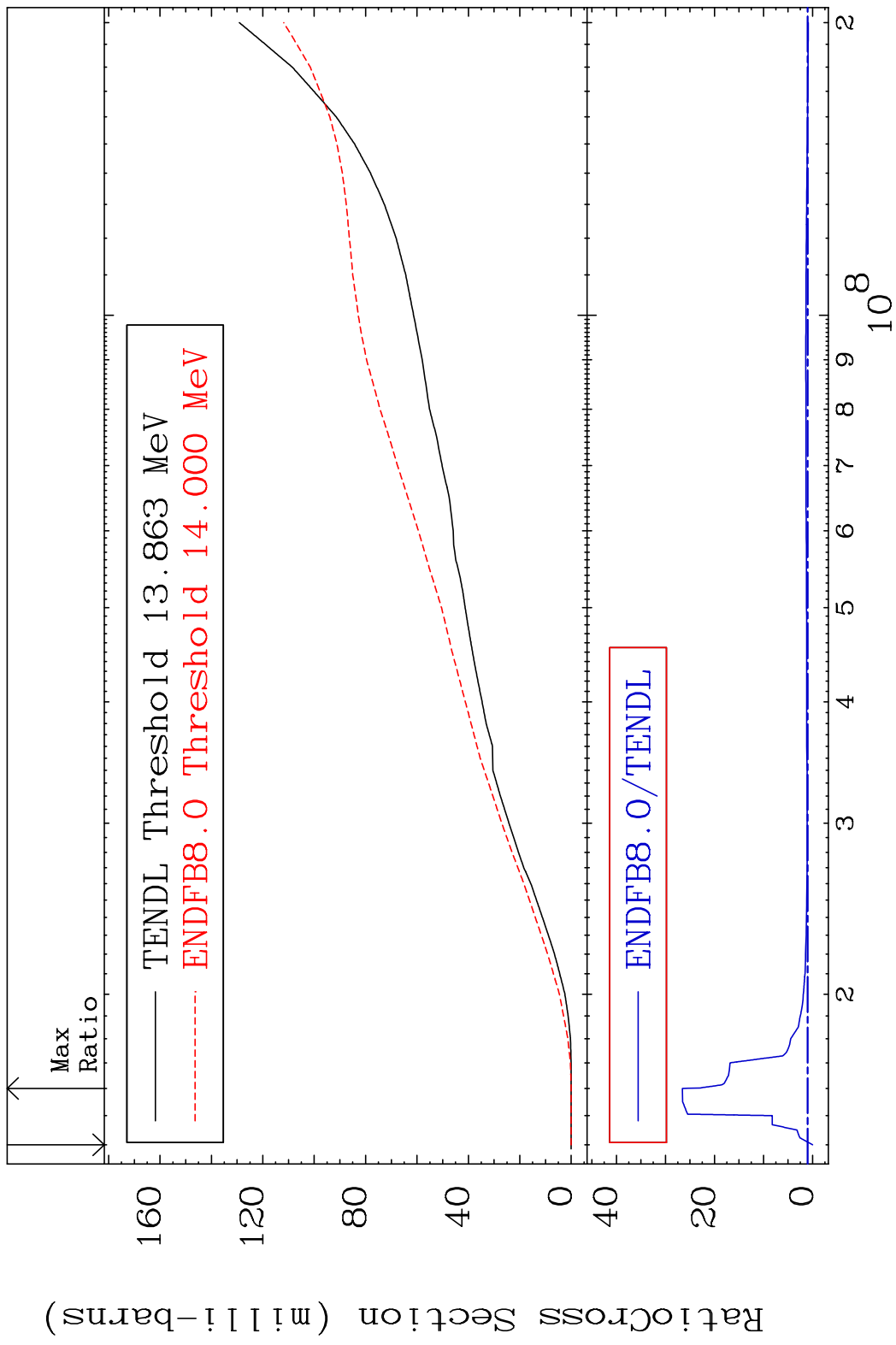
MAT 2049 (n, α) 20-Ca-48
 Cross Section -100.0 To 11.06 %



MAT 2049 Hydrogen Production 20-Ca-48
 Cross Section -100.0 To 22.29 %

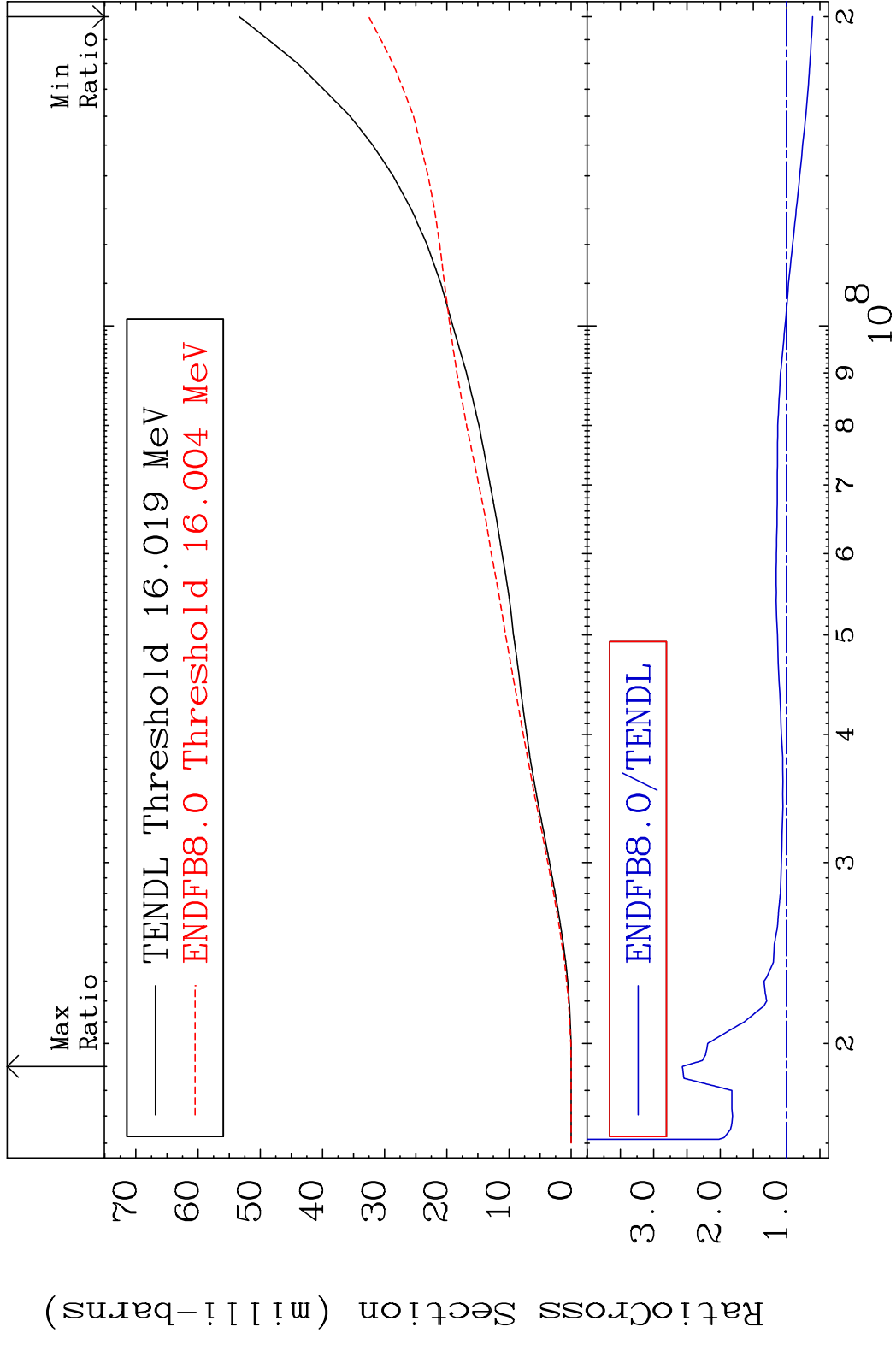


MAT 2049 Deuterium Production 20-Ca-48
 Cross Section -100.0 To 2556. %

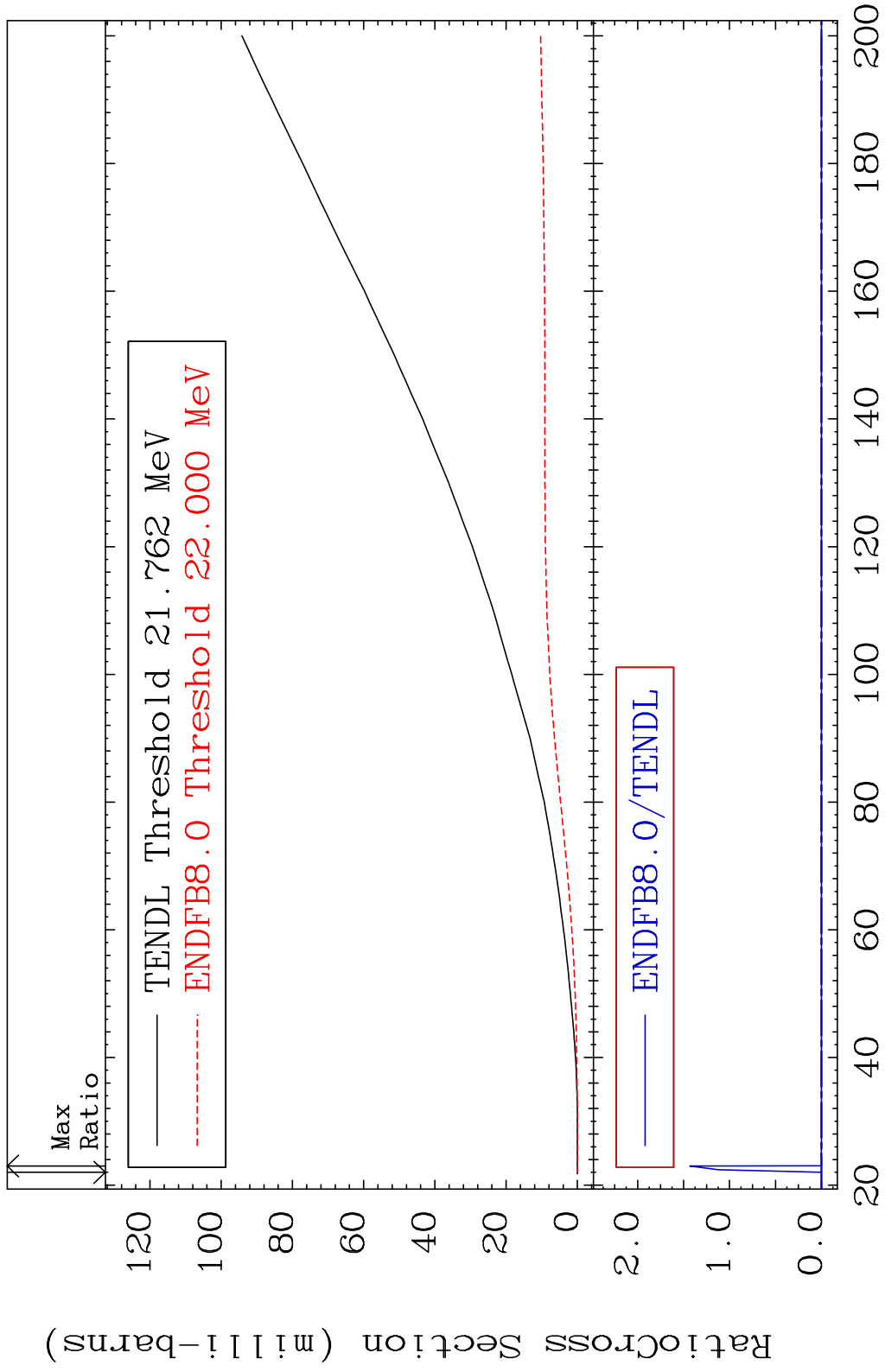


36 20-Ca-48

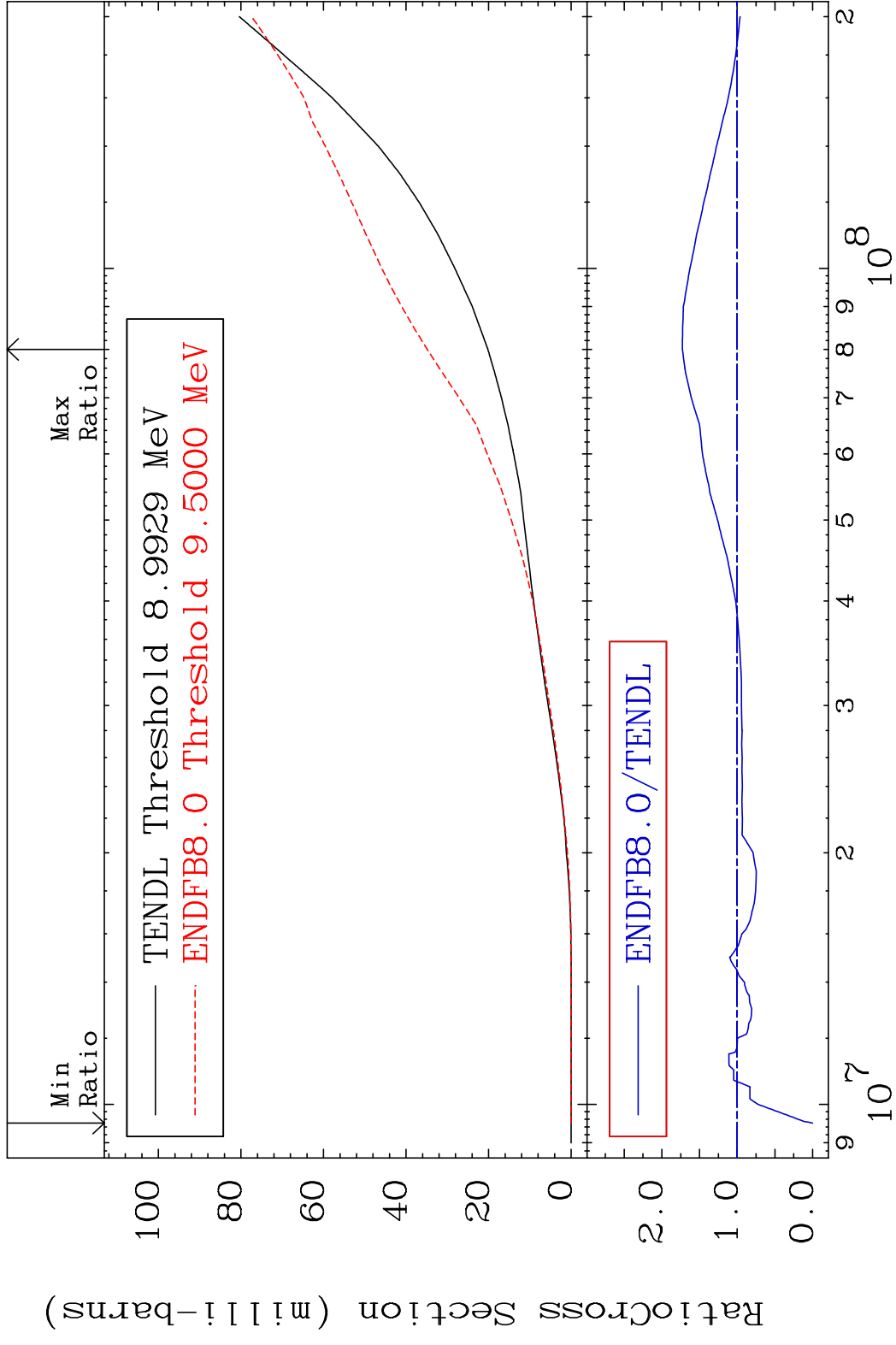
MAT 2049 Tritium Production 20-Ca-48
 Cross Section -39.01 To 156.9 %



MAT 2049 He-3 Production 20-Ca-48
 Cross Section -100.0 To 9999. %

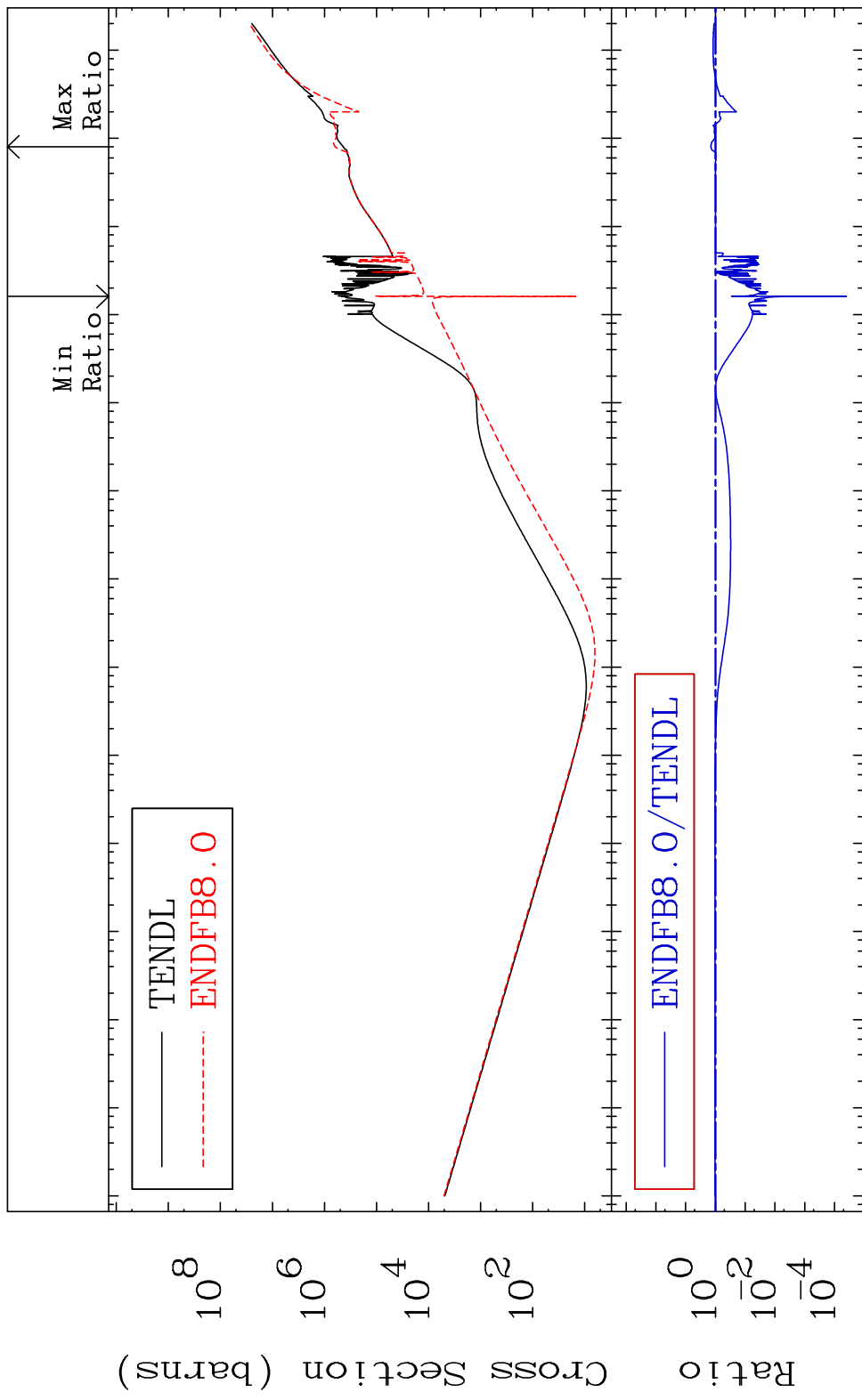


MAT 2049 He-4 Production 20-Ca-48
 Cross Section -100.0 To 72.82 %



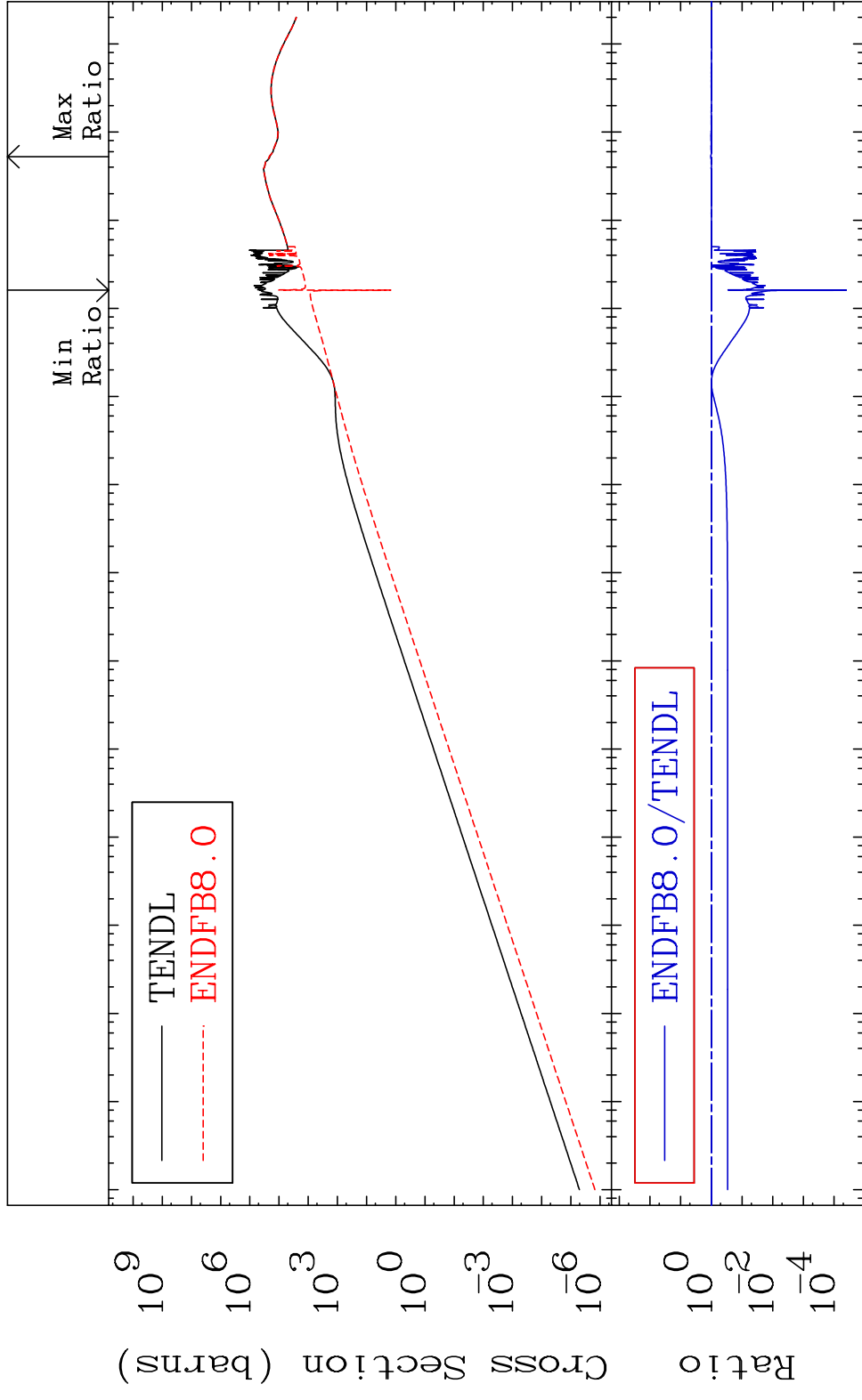
39 20-Ca-48

MAT 2049 Kerma total (eV-barns) 20-Ca-48
 Cross Section -100.0 To 44.12 %

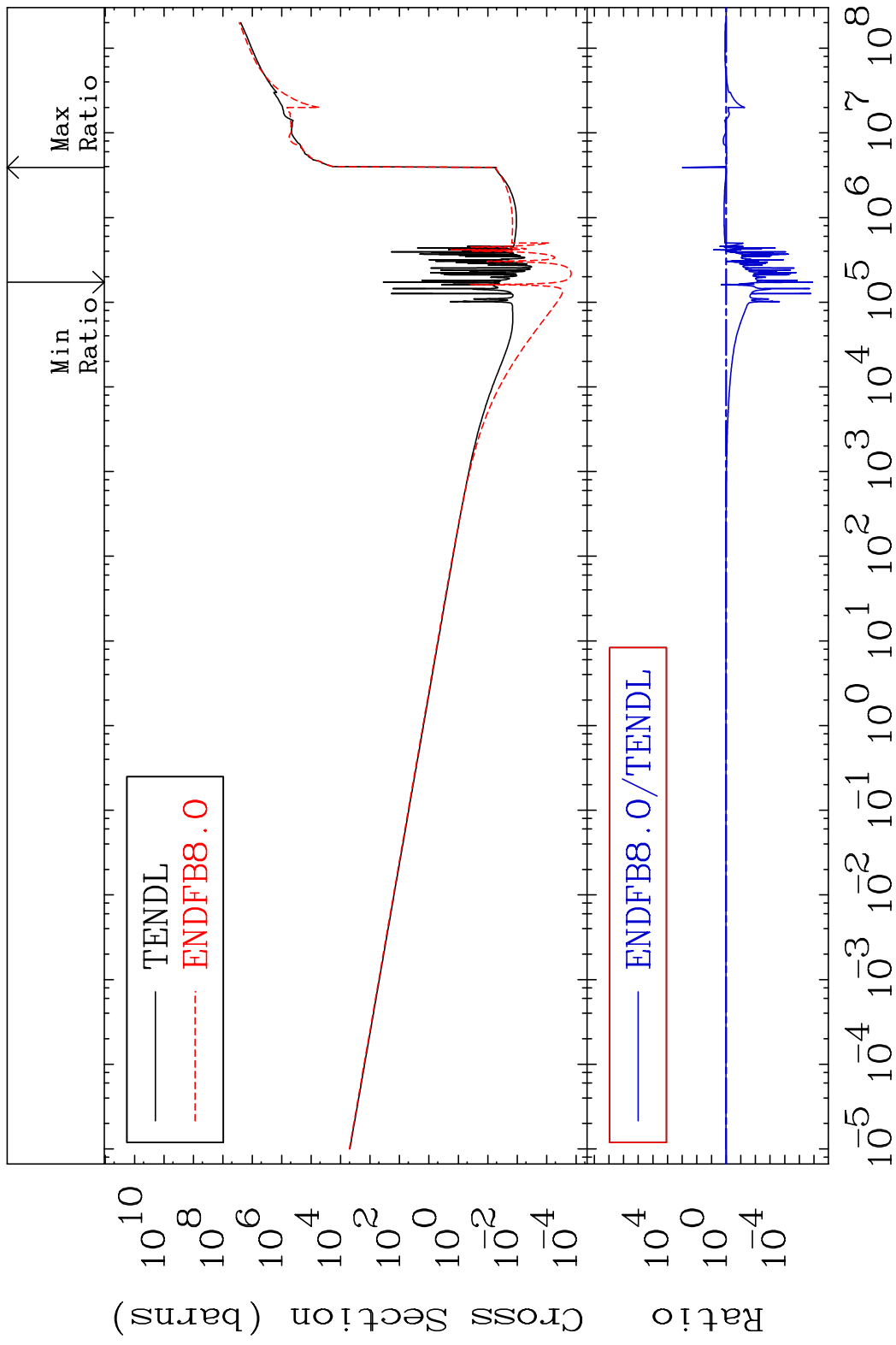


40 Incident Energy (eV) 20-Ca-48

MAT 2049 Kerma elastic Cross Section -100.0 To 5.069 % 20-Ca-48

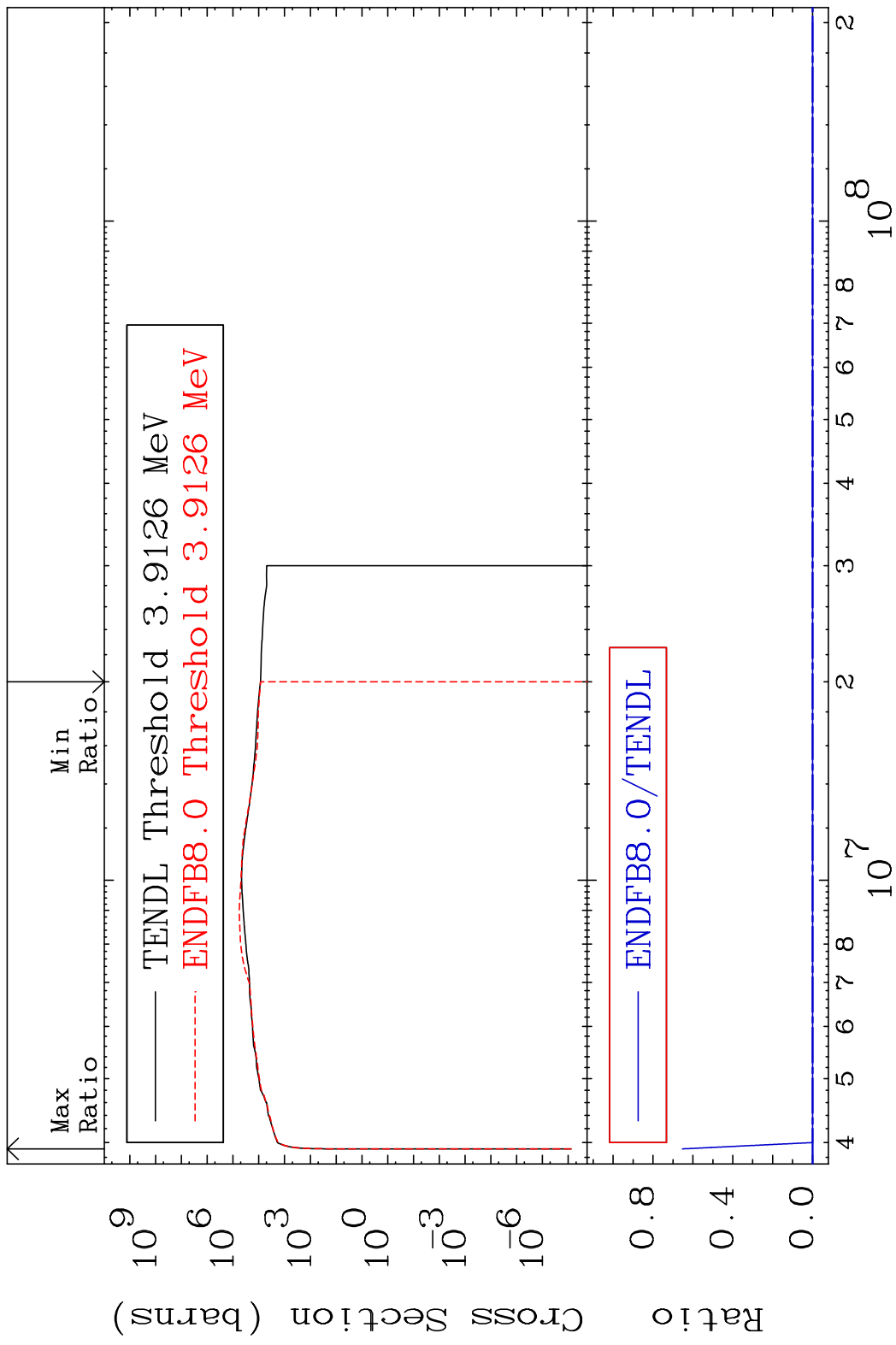


MAT 2049 Kerma non-elastic (all but mt2) 20-Ca-48
 Cross Section -100.0 To 9999. %

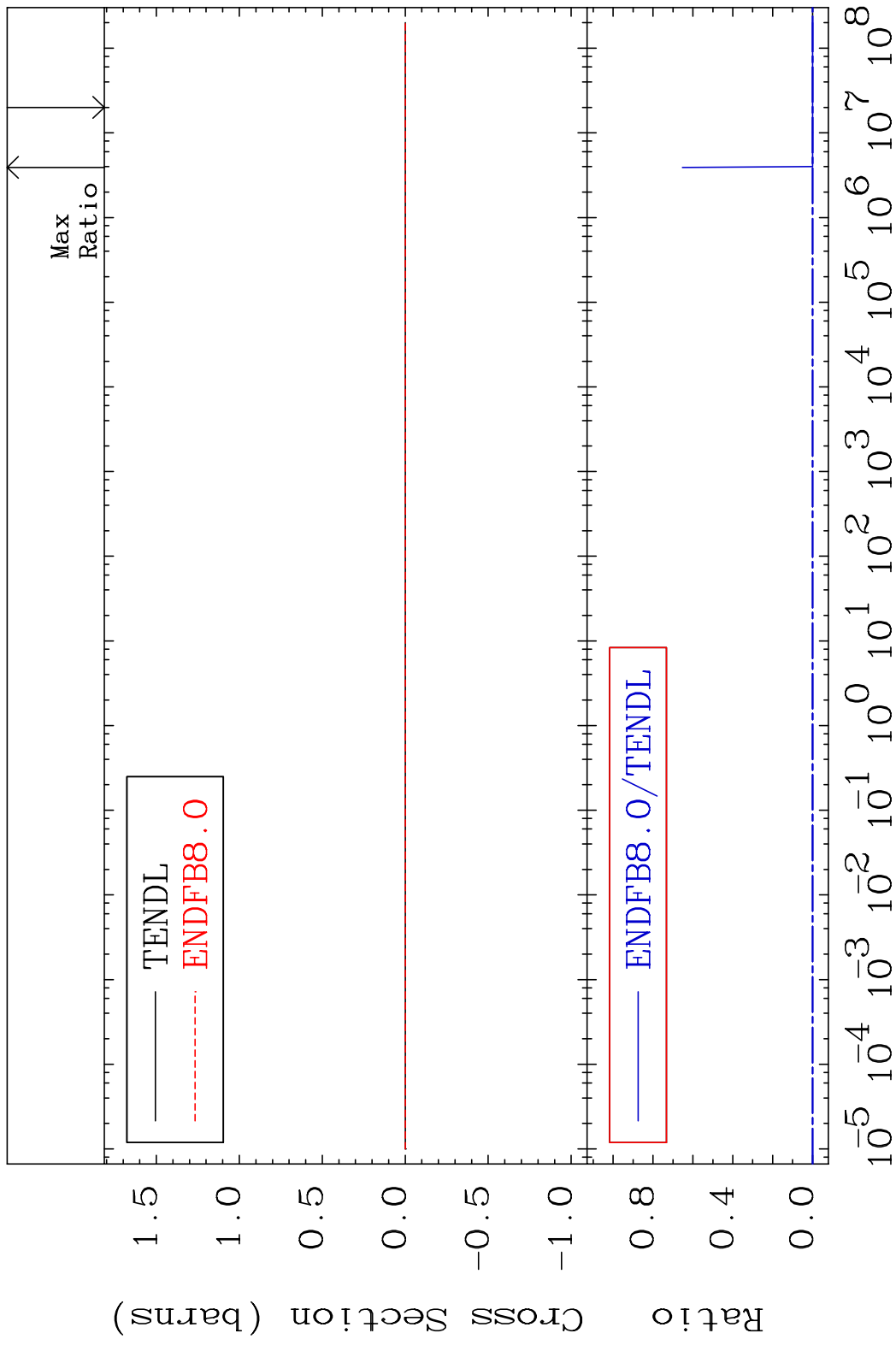


42 Incident Energy (eV) 20-Ca-48

MAT 2049 Kerma inelastic (mt51-91) 20-Ca-48
 Cross Section -100.0 To 9999. %

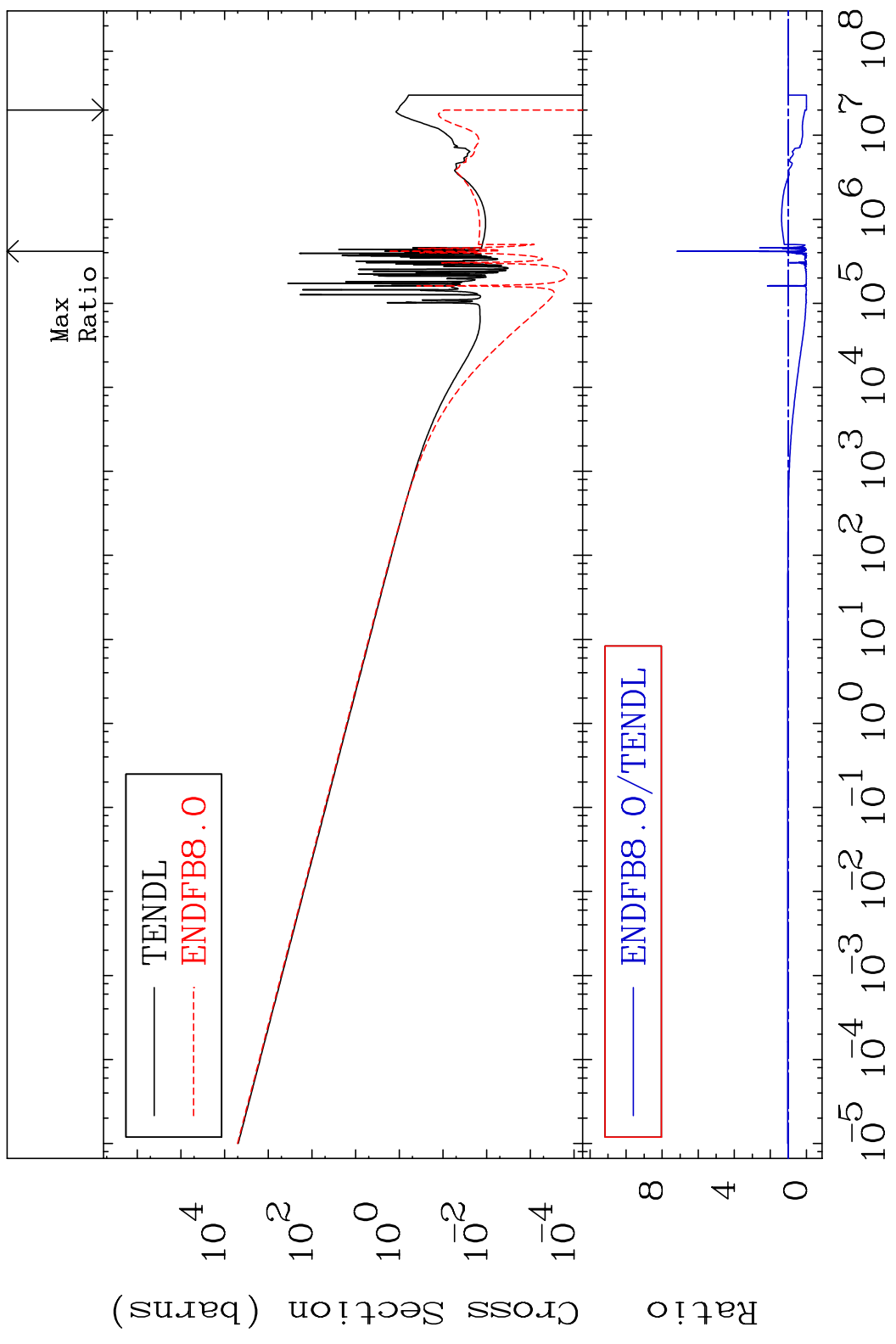


MAT 2049 Kerma fission (mt18 or mt19-20-21-38) 20-Ca-48
 Cross Section -100.0 To 9999. %



MAT 2049

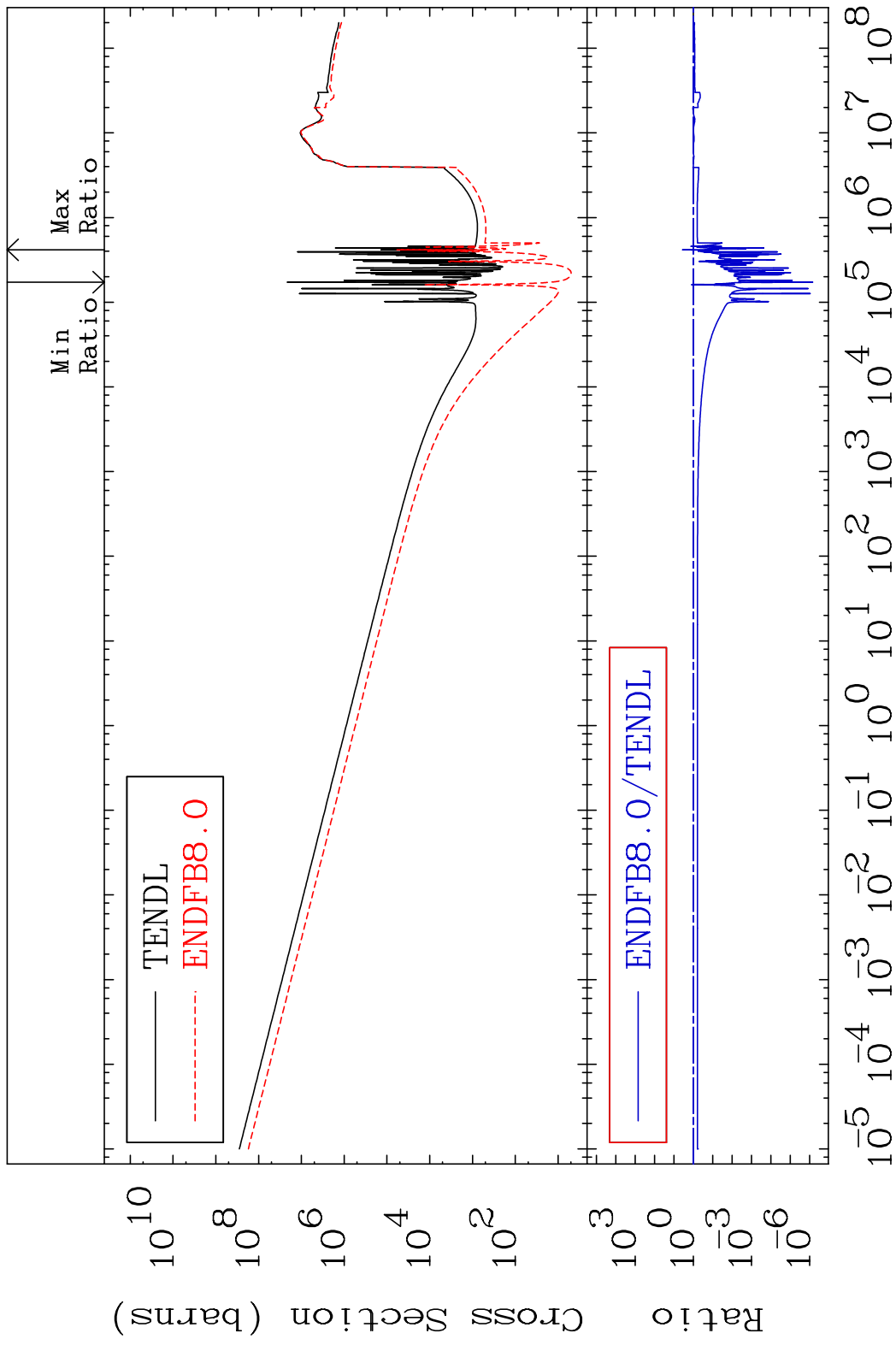
Kerma capture (mt102) 20-Ca-48
Cross Section -100.0 To 616.6 %



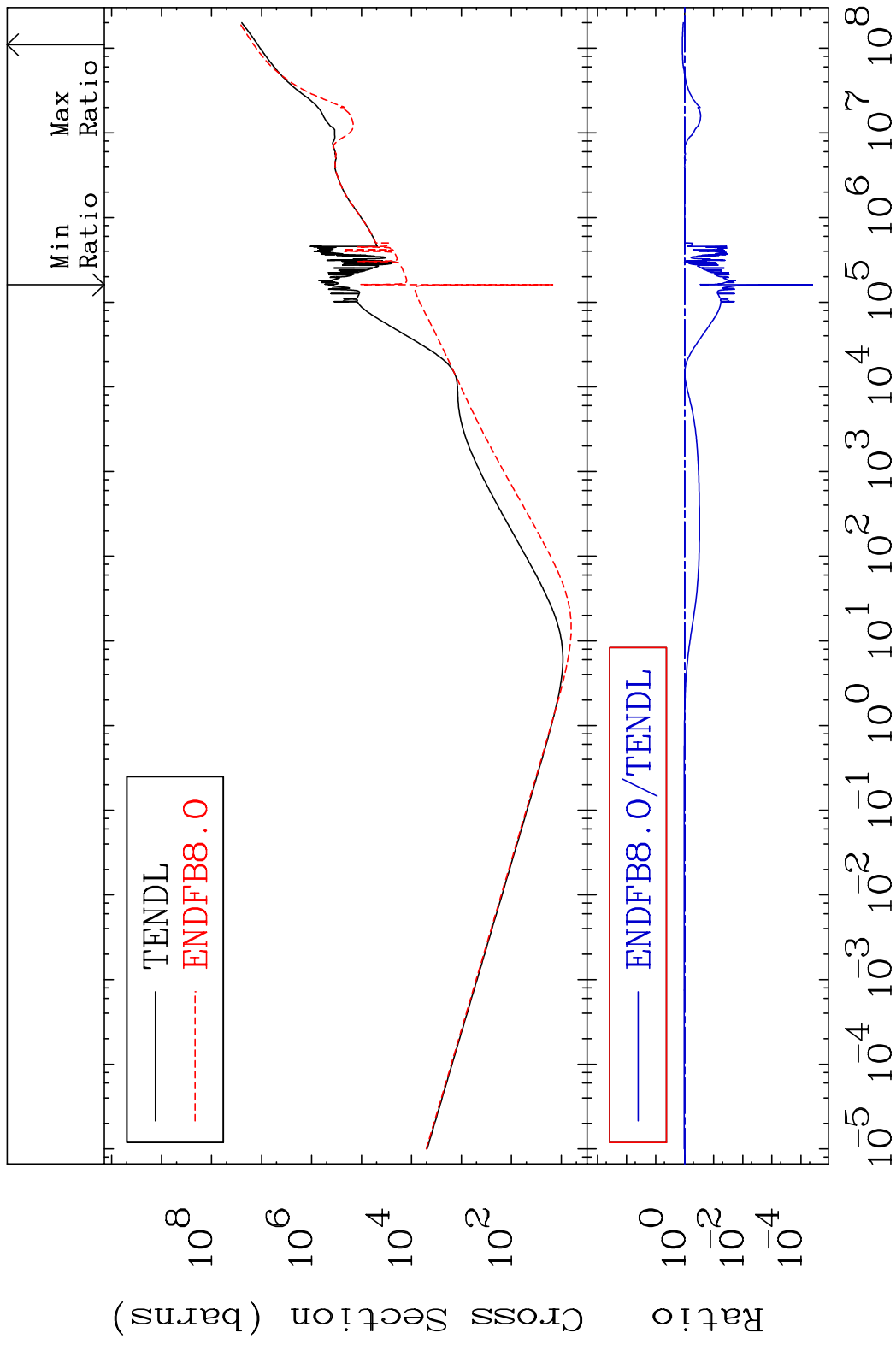
45

Incident Energy (eV) 20-Ca-48

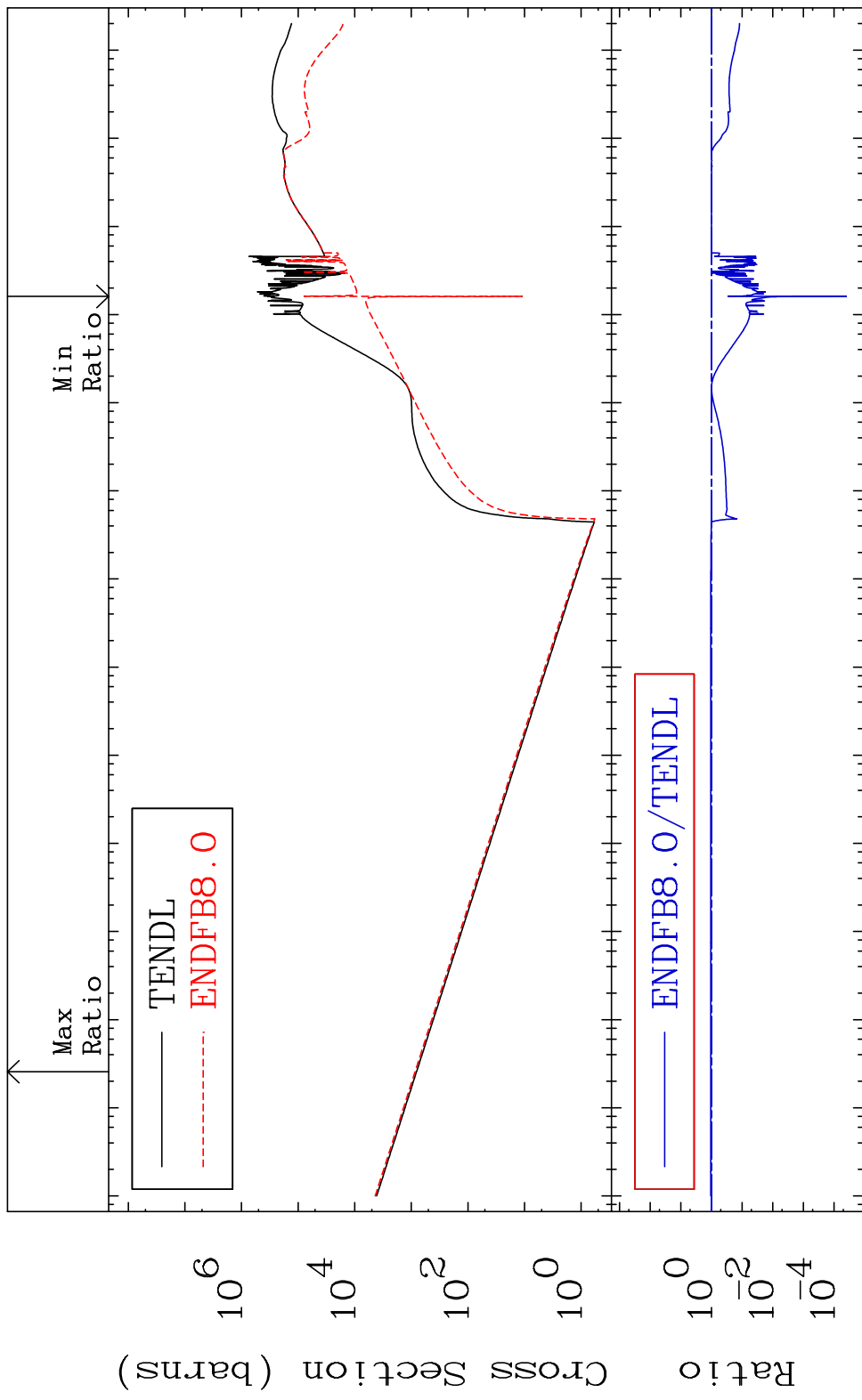
MAT 2049 Total photon (eV-barns) 20-Ca-48
 Cross Section -100.0 To 268.4 %



MAT 2049 Total kinematic kerma (high limit) 20-Ca-48
 Cross Section -100.0 To 20.14 %

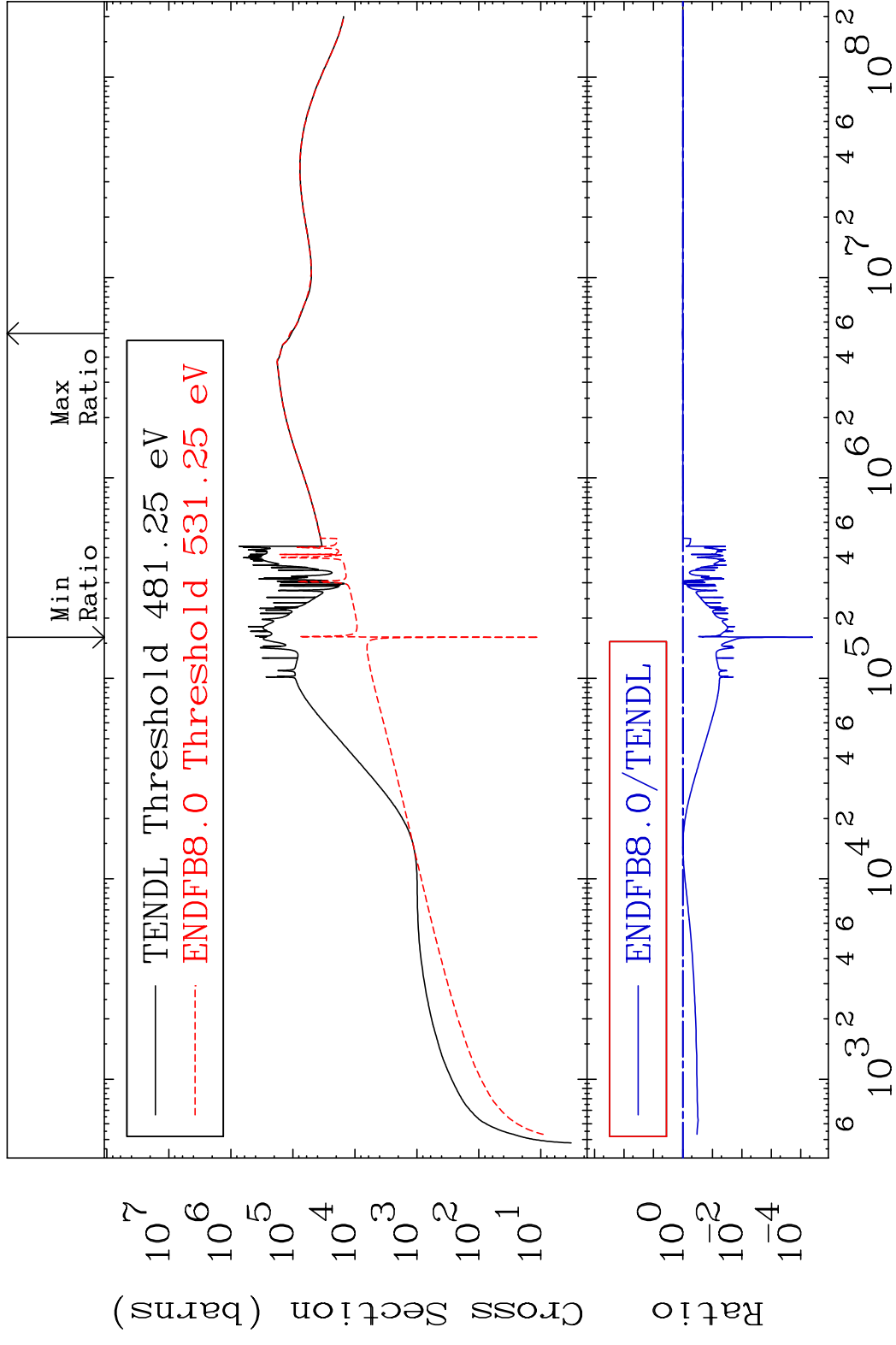


MAT 2049 Dpa total (eV-barns) 20-Ca-48
 Cross Section -100.0 To 6.261 %

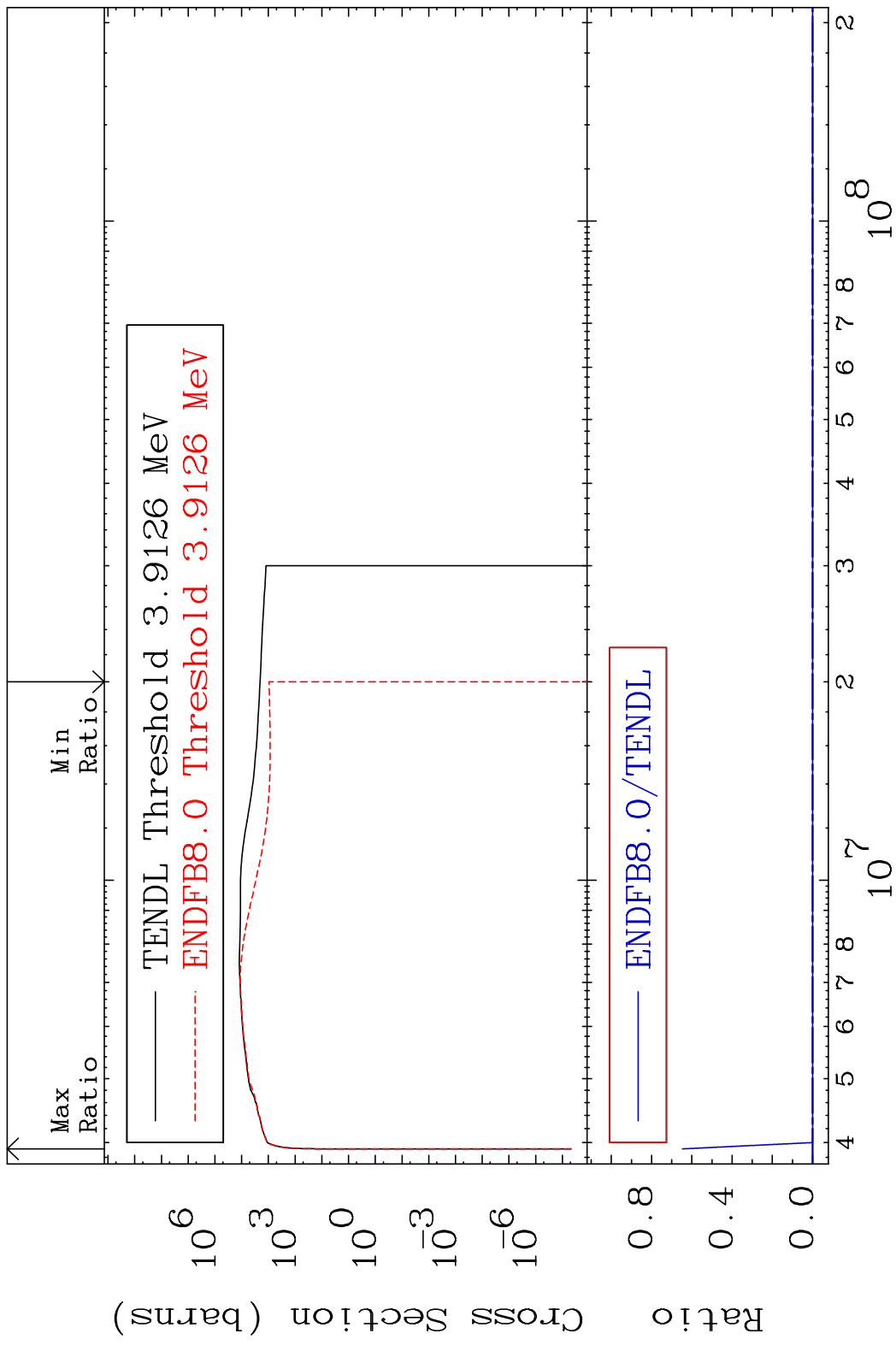


48 Incident Energy (eV) 20-Ca-48

MAT 2049 Dpa elastic (mt2) 20-Ca-48
 Cross Section -100.0 To 4.824 %



MAT 2049 Dpa inelastic (mt51-91) 20-Ca-48
 Cross Section -100.0 To 9999. %



50 20-Ca-48

MAT 2049 Dpa disappearance (mt102 -120) 20-Ca-48
 Cross Section -100.0 To 644.2 %

