

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

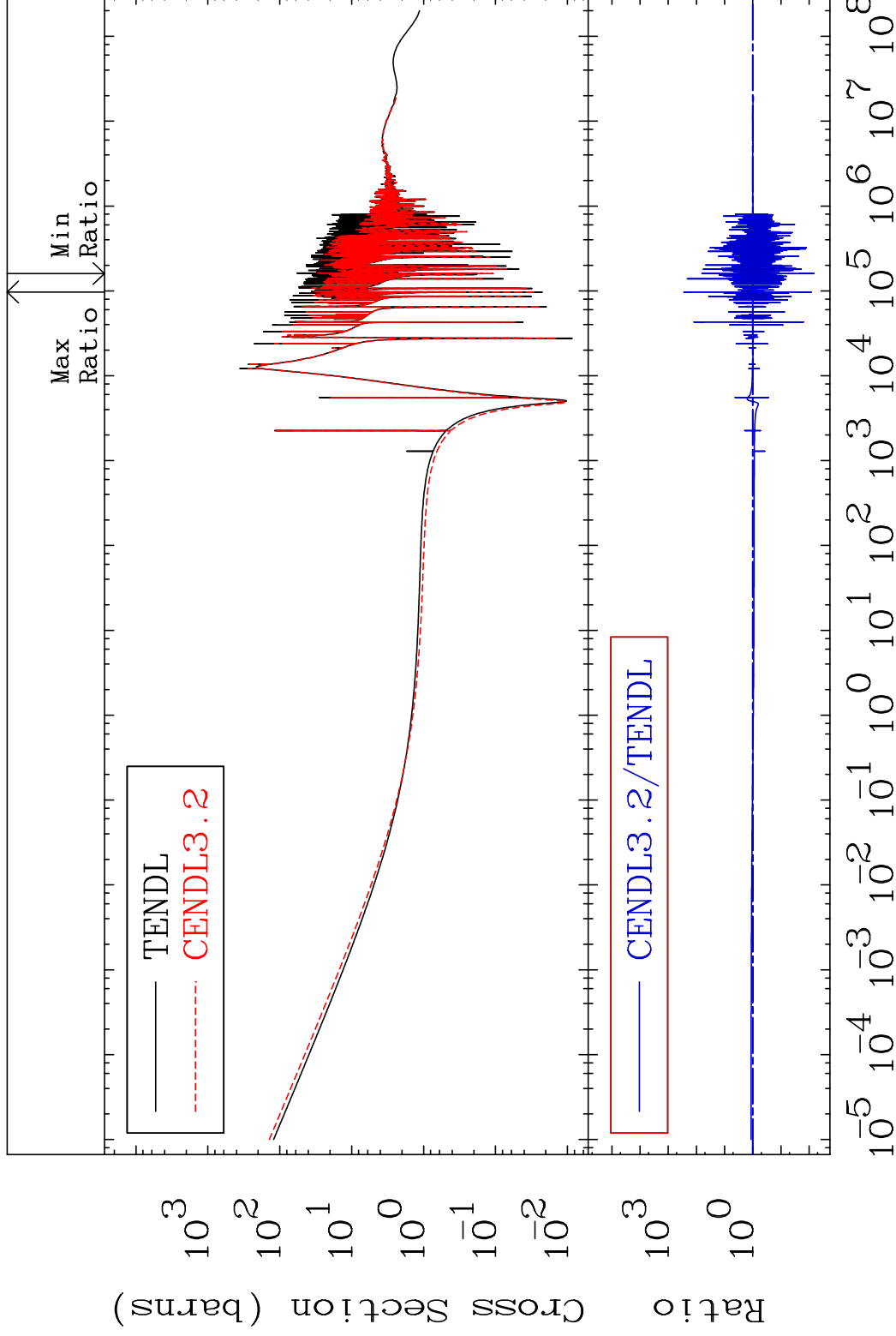
MAT 2831

Total

28-Ni-60

Cross Section

-99.33 To 9999. %



1

Incident Energy (eV)

28-Ni-60

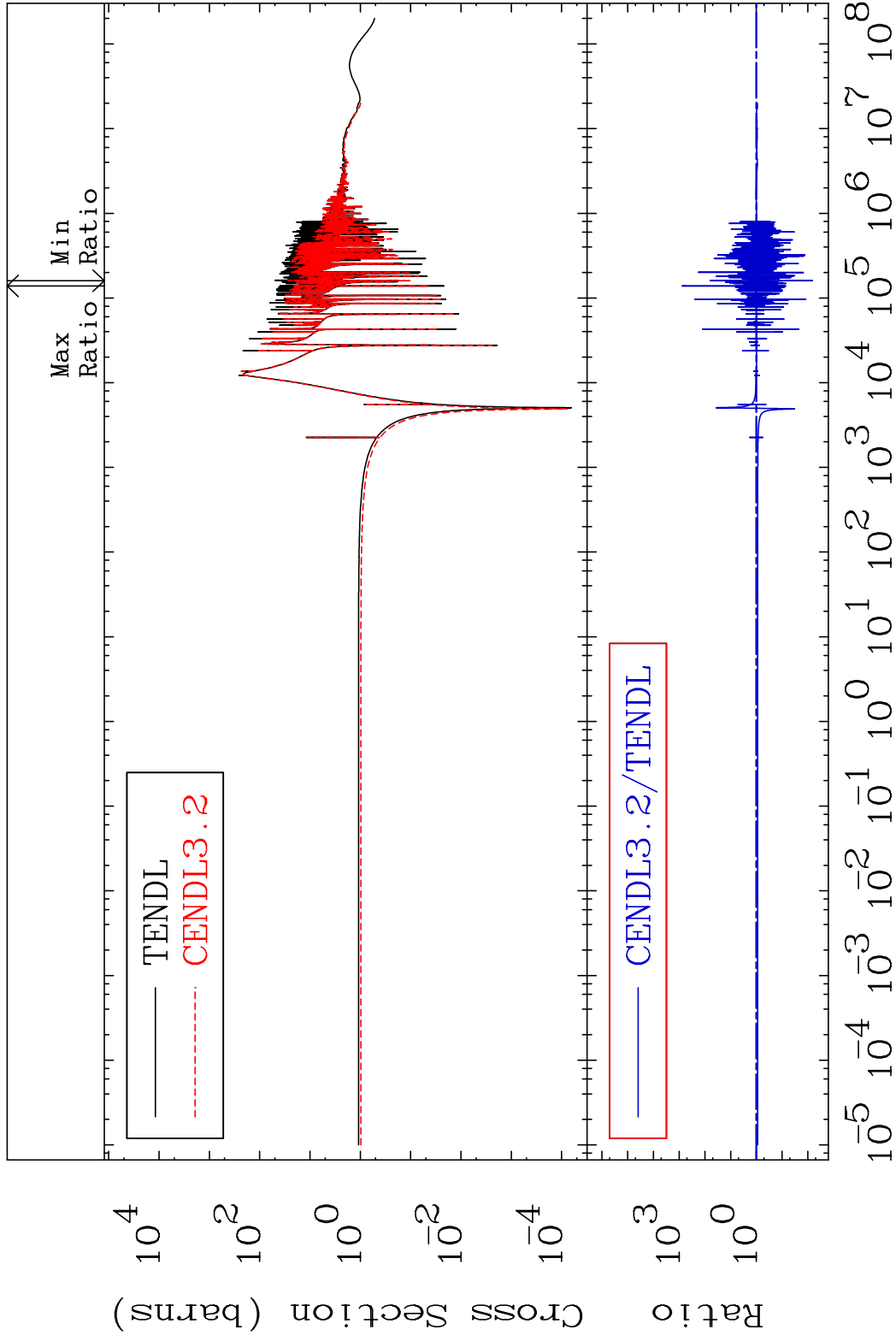
MAT 2831

Elastic

28-Ni-60

Cross Section

-99.34 To 9999. %

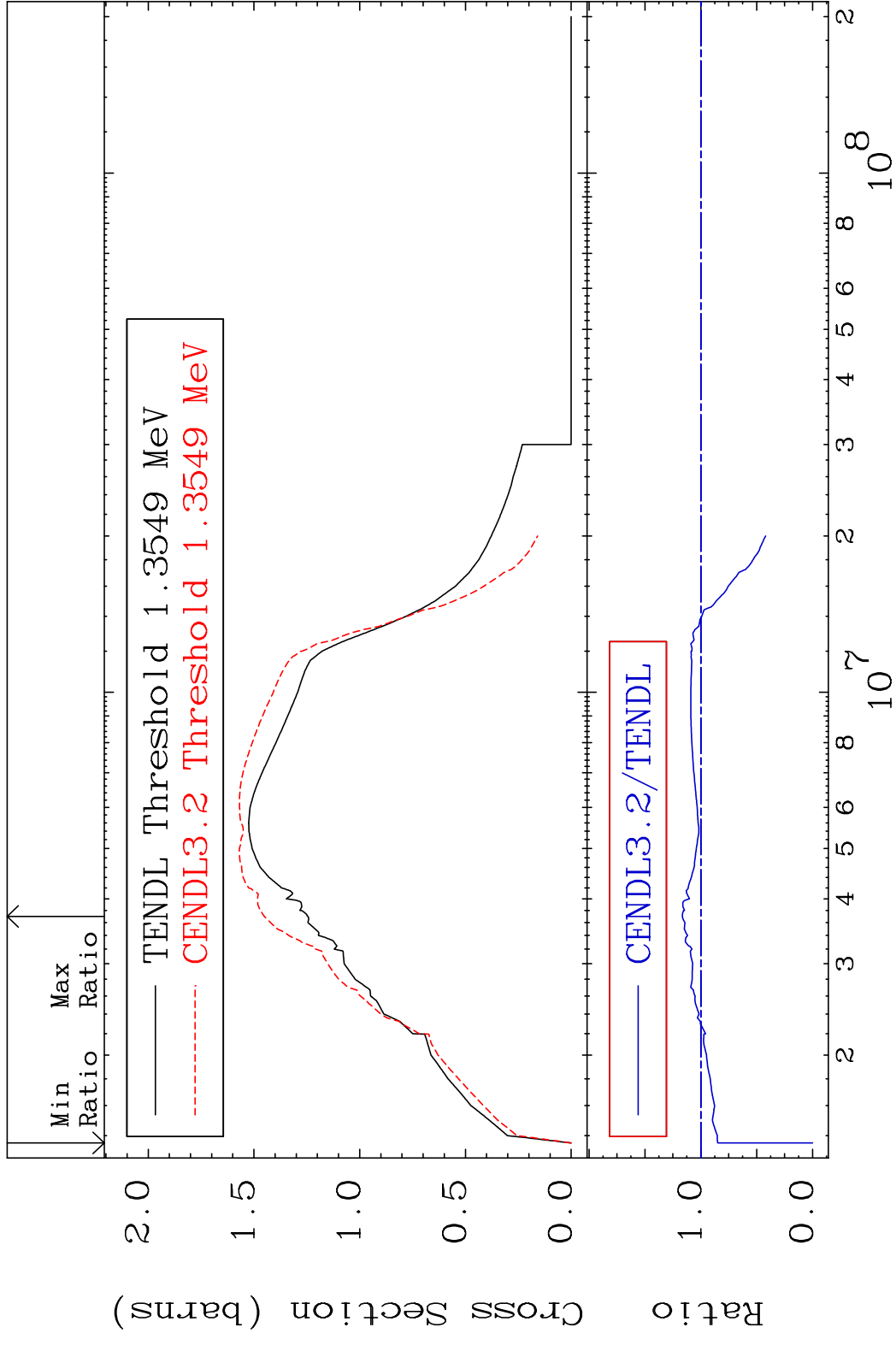


2

Incident Energy (eV)

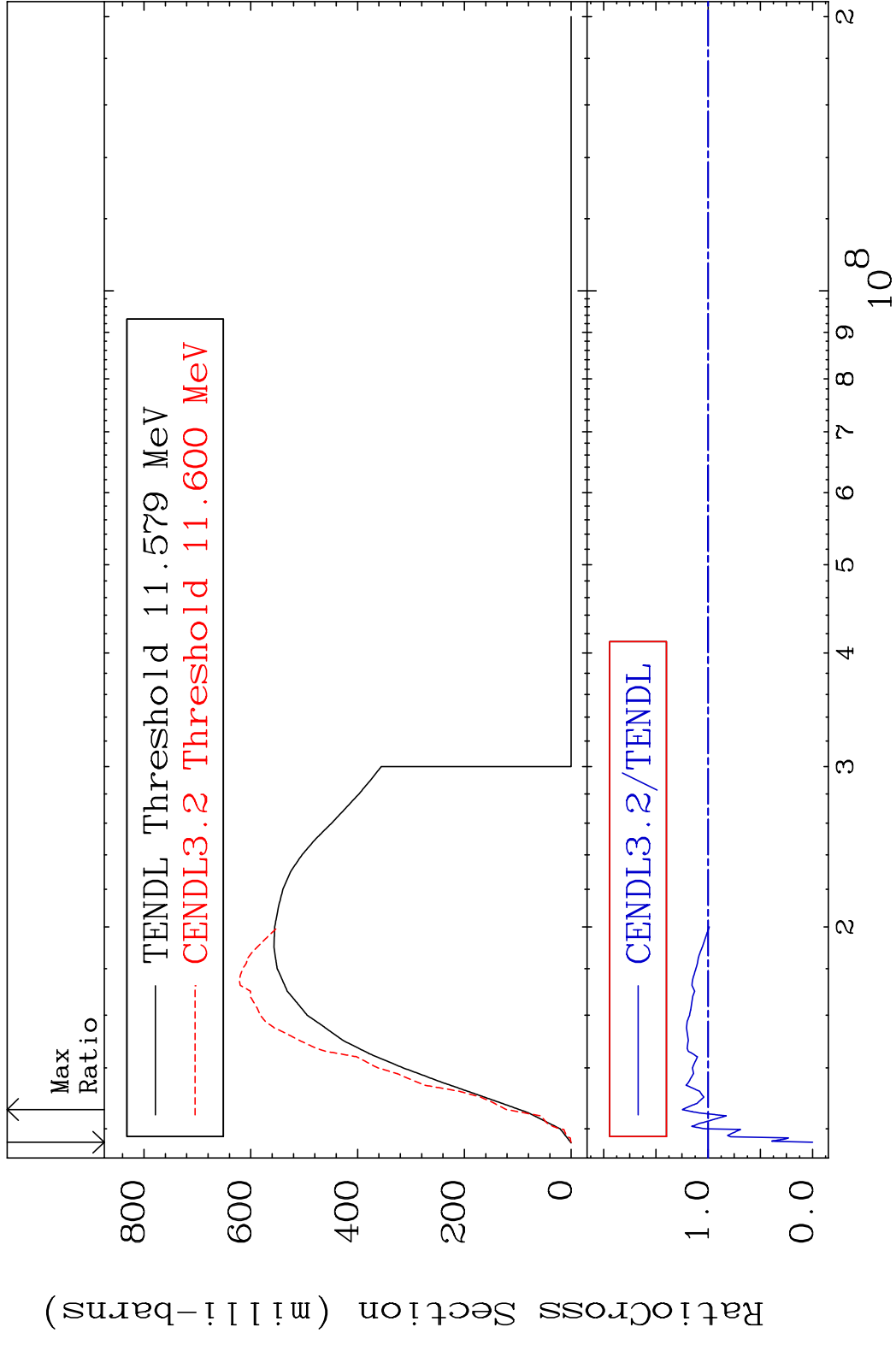
28-Ni-60

MAT 2831 Inelastic 28-Ni-60
 Cross Section -100.0 To 16.50 %



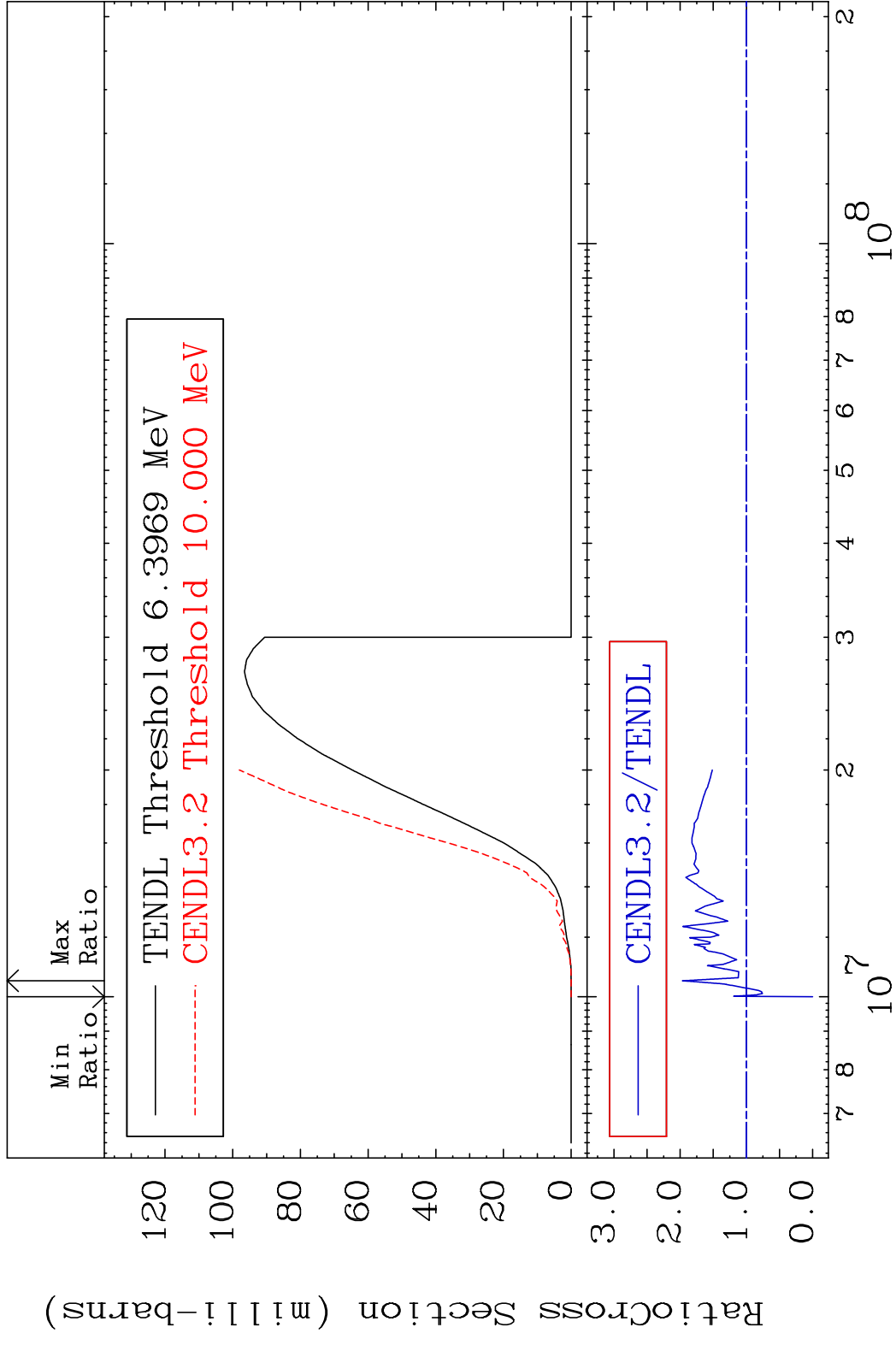
3 Incident Energy (eV) 28-Ni-60

MAT 2831 (n,2n) 28-Ni-60
 Cross Section -100.0 To 24.67 %

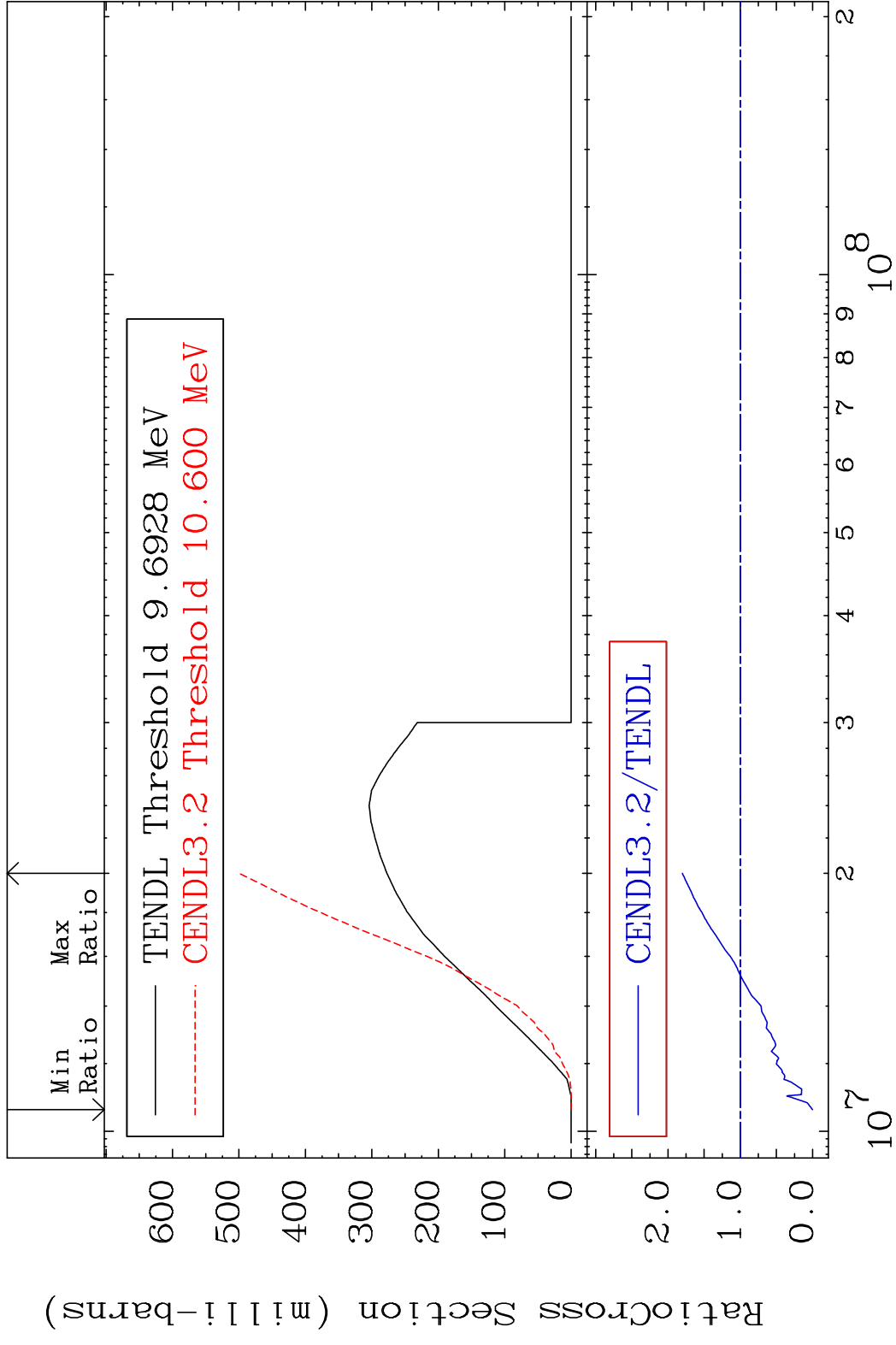


4 Incident Energy (eV) 28-Ni-60

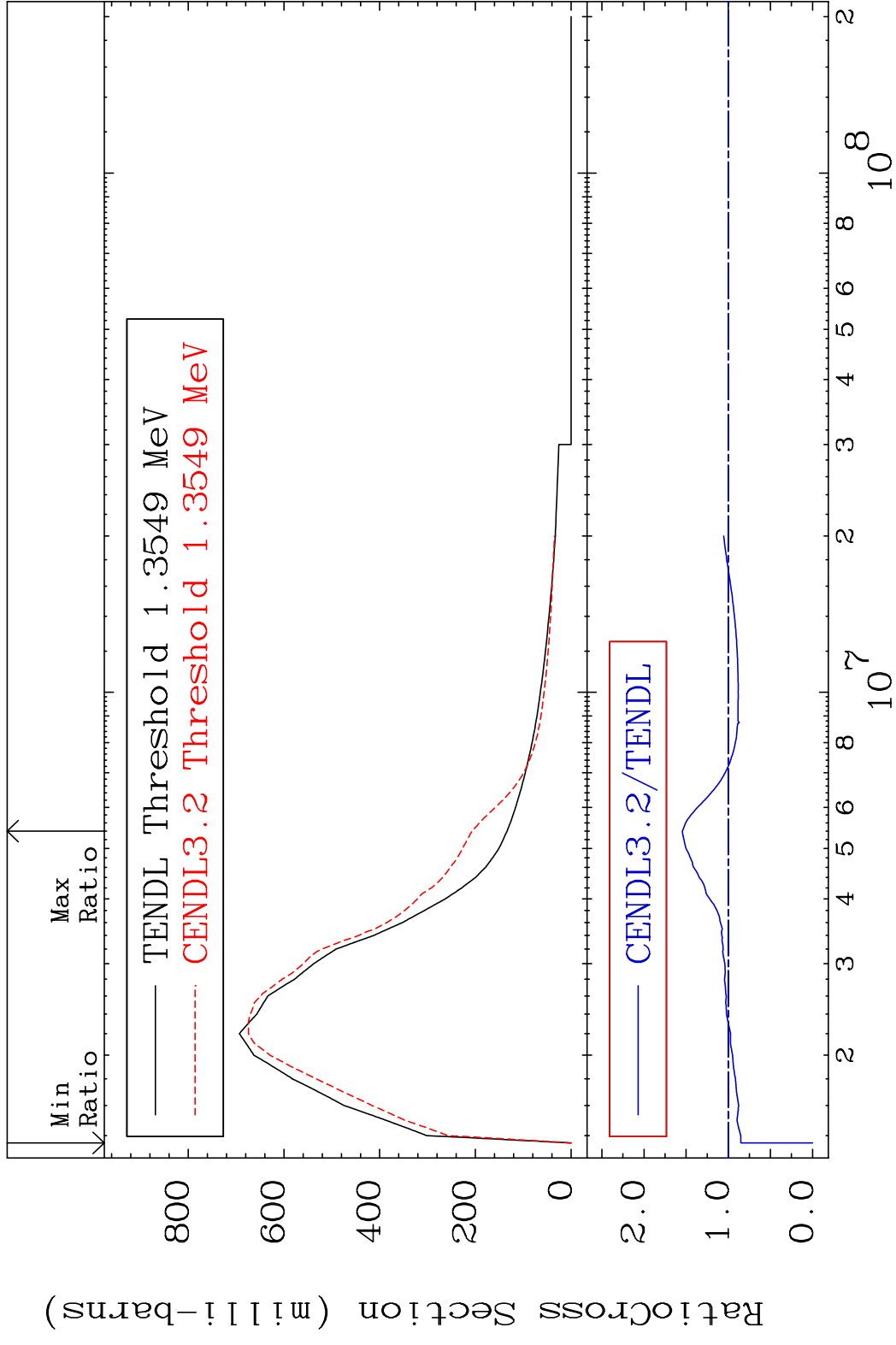
MAT 2831 (n, n') α 28-Ni-60
 Cross Section -100.0 To 96.73 %



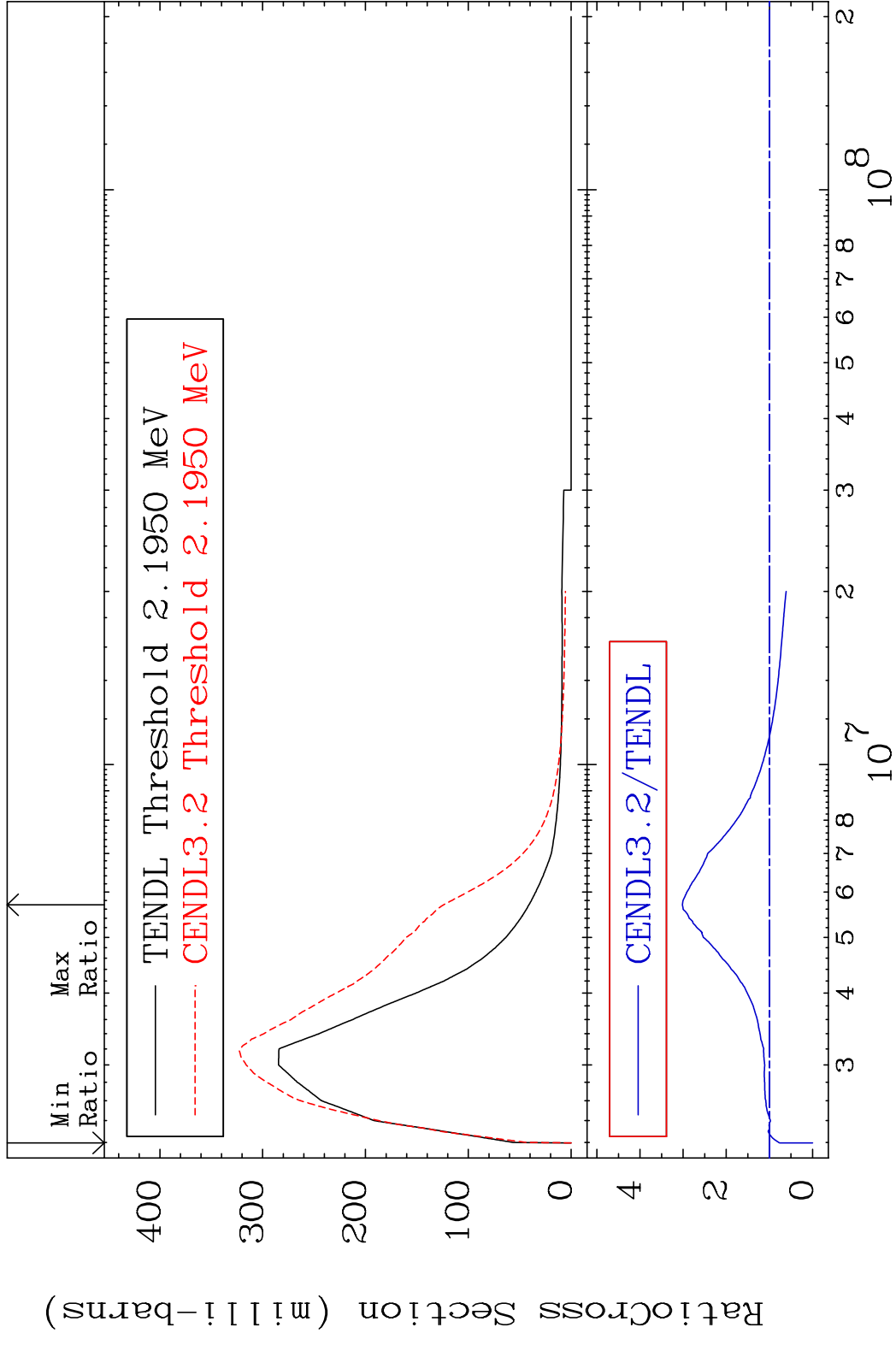
MAT 2831 (n, n') p 28-Ni-60
 Cross Section -100.0 To 80.11 %



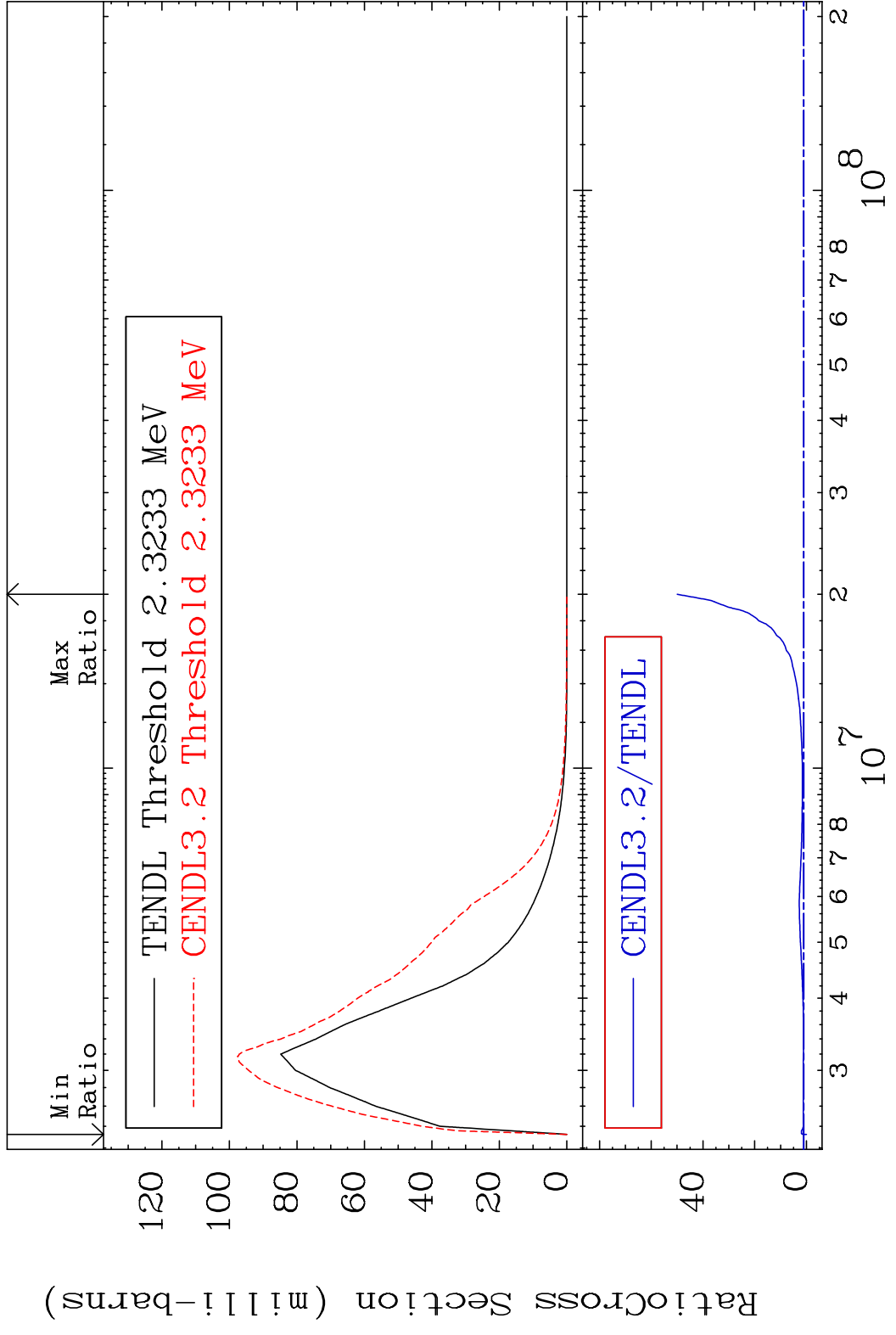
MAT 2831 MT= 51 (n, n') Level 28-Ni-60
 Cross Section -100.0 To 54.48 %



MAT 2831 MT= 52 (n, n') Level 28-Ni-60
 Cross Section -100.0 To 201.8 %

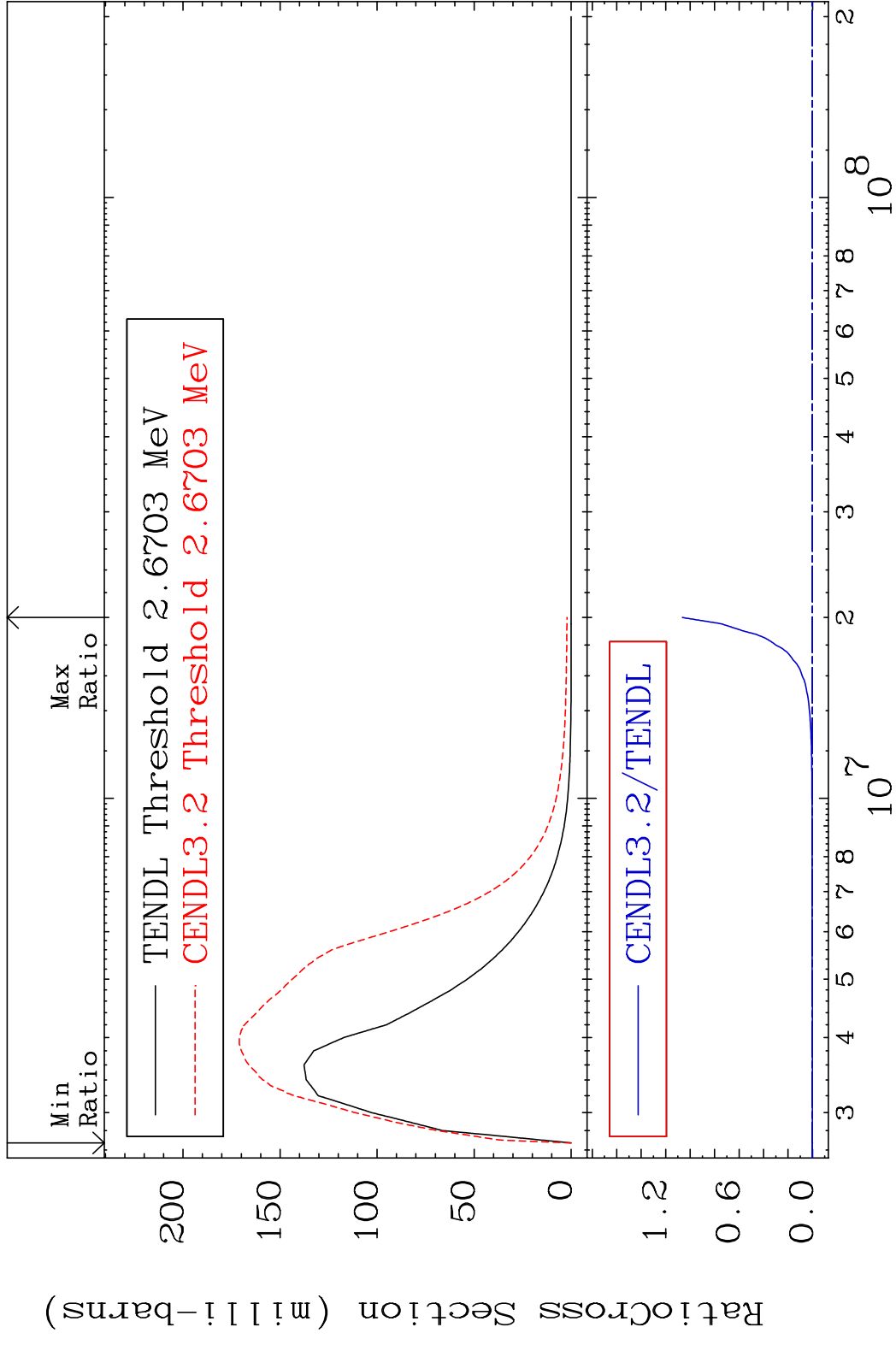


MAT 2831 MT= 53 (n, n') Level 28-Ni-60
 Cross Section -100.0 To 4897. %



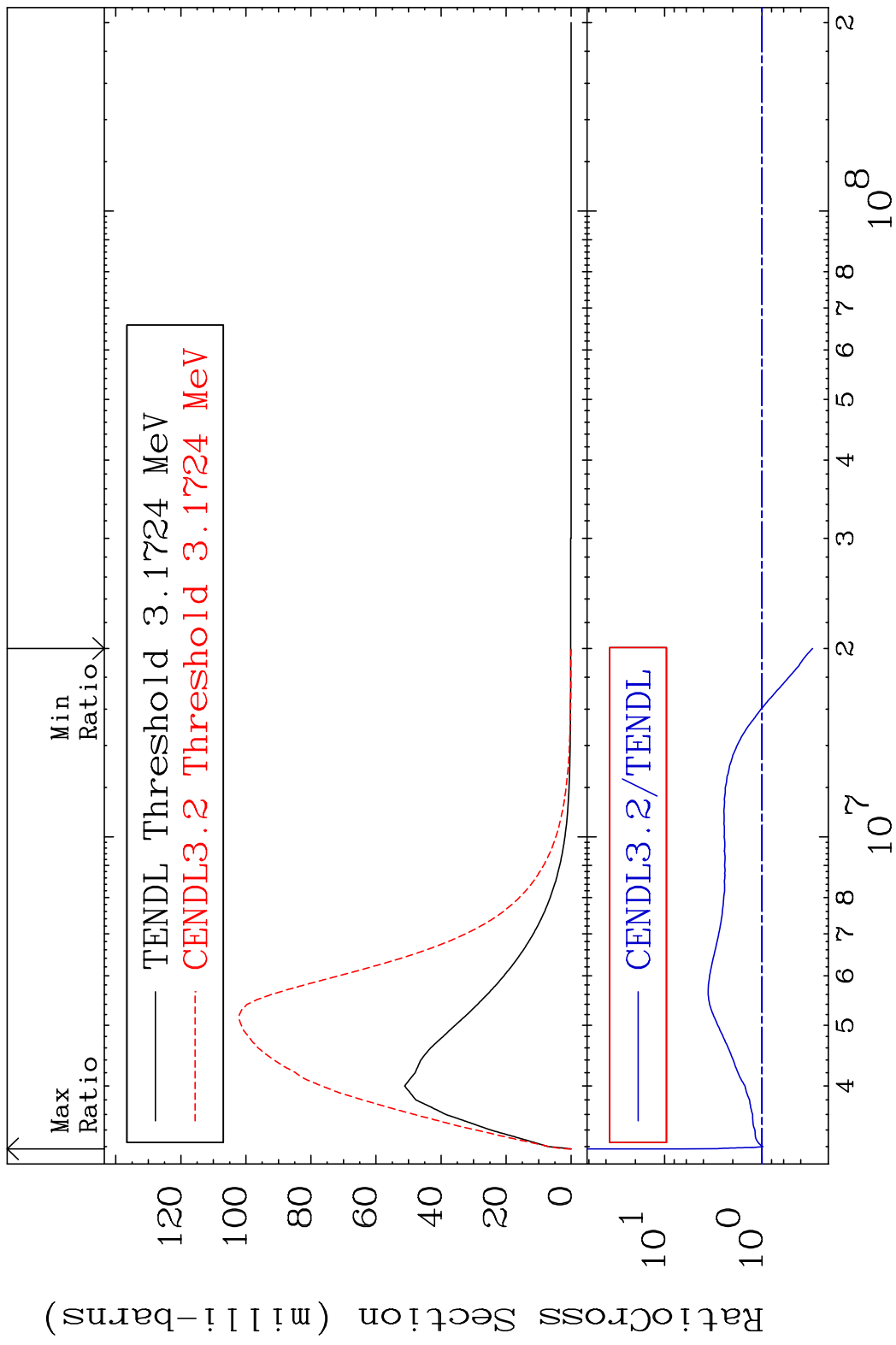
9 Incident Energy (eV) 28-Ni-60

MAT 2831 MT= 55 (n,n') Level 28-Ni-60
 Cross Section -100.0 To 9999. %

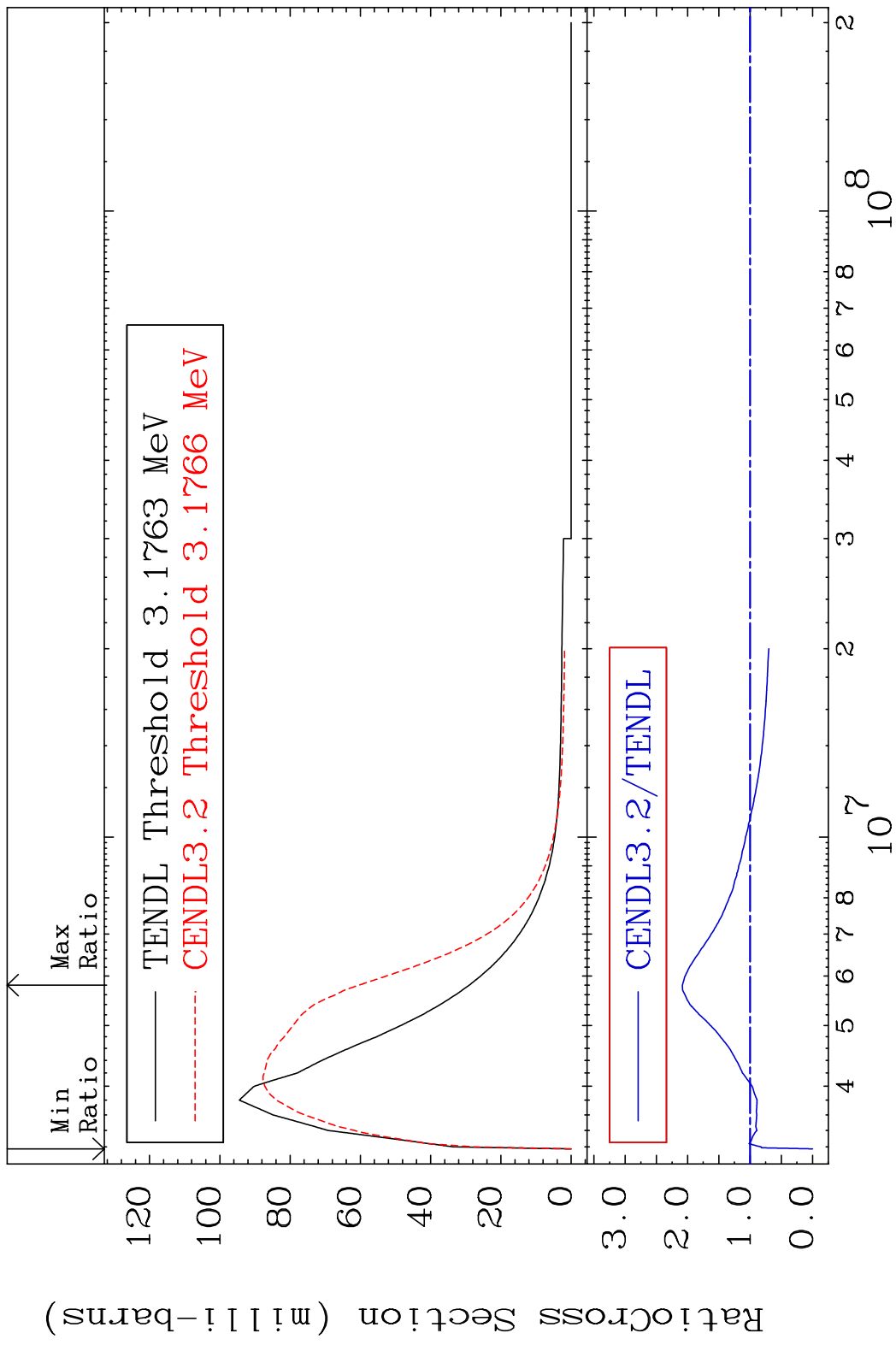


11 Incident Energy (eV) 28-Ni-60

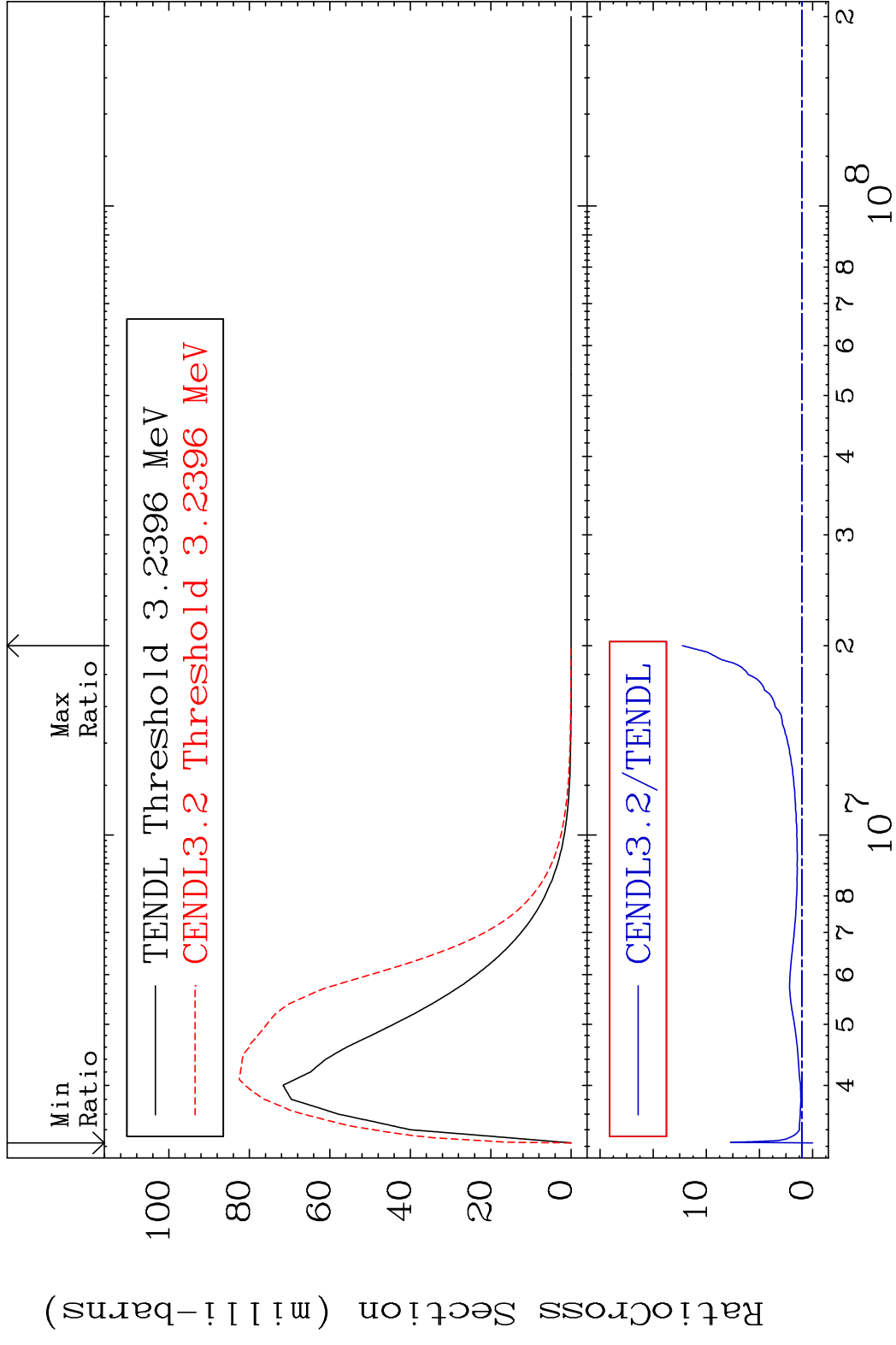
MAT 2831 MT= 56 (n,n') Level 28-Ni-60
 Cross Section -69.73 To 558.6 %



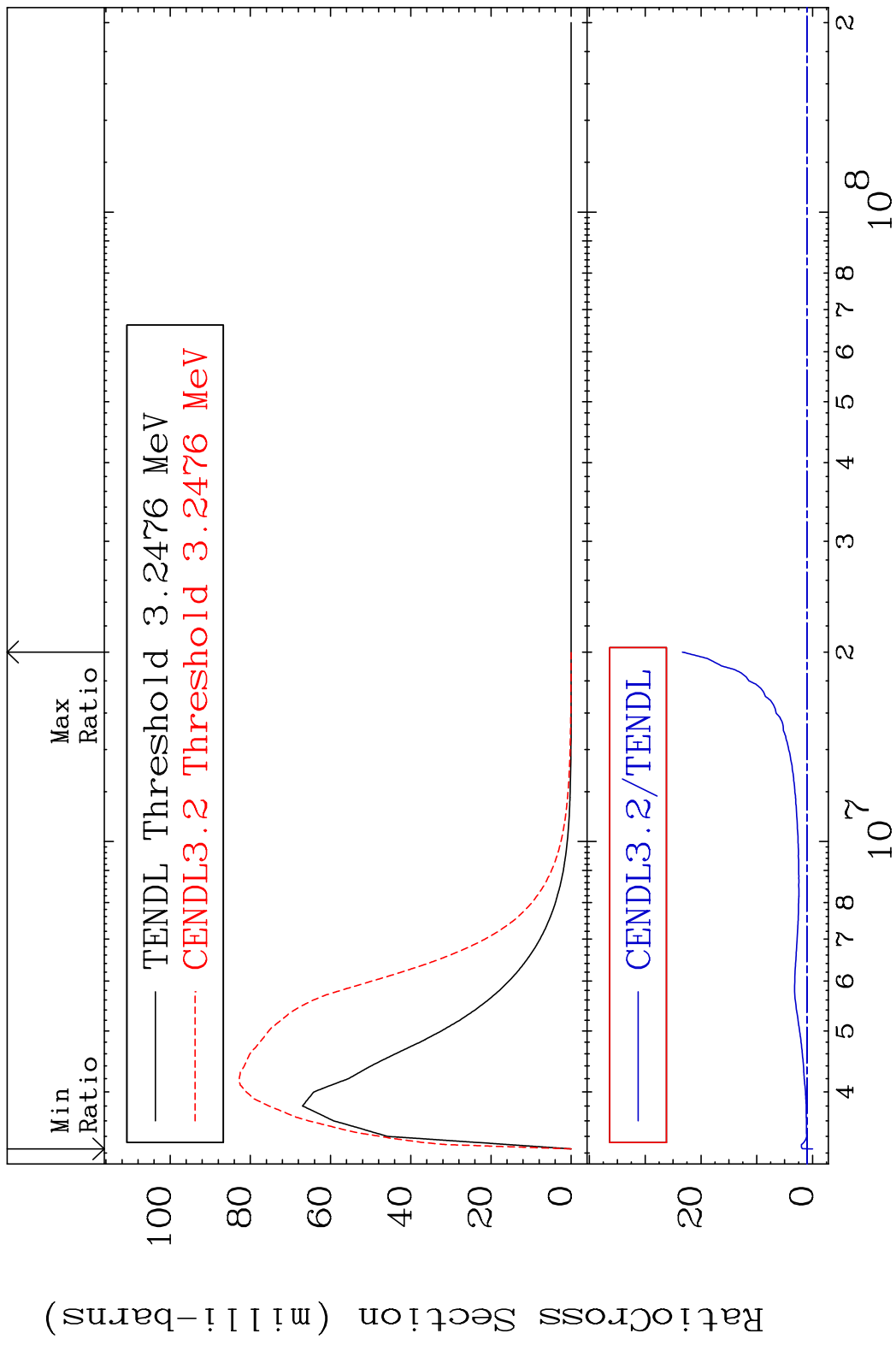
MAT 2831 MT= 57 (n,n') Level 28-Ni-60
 Cross Section -100.0 To 108.4 %



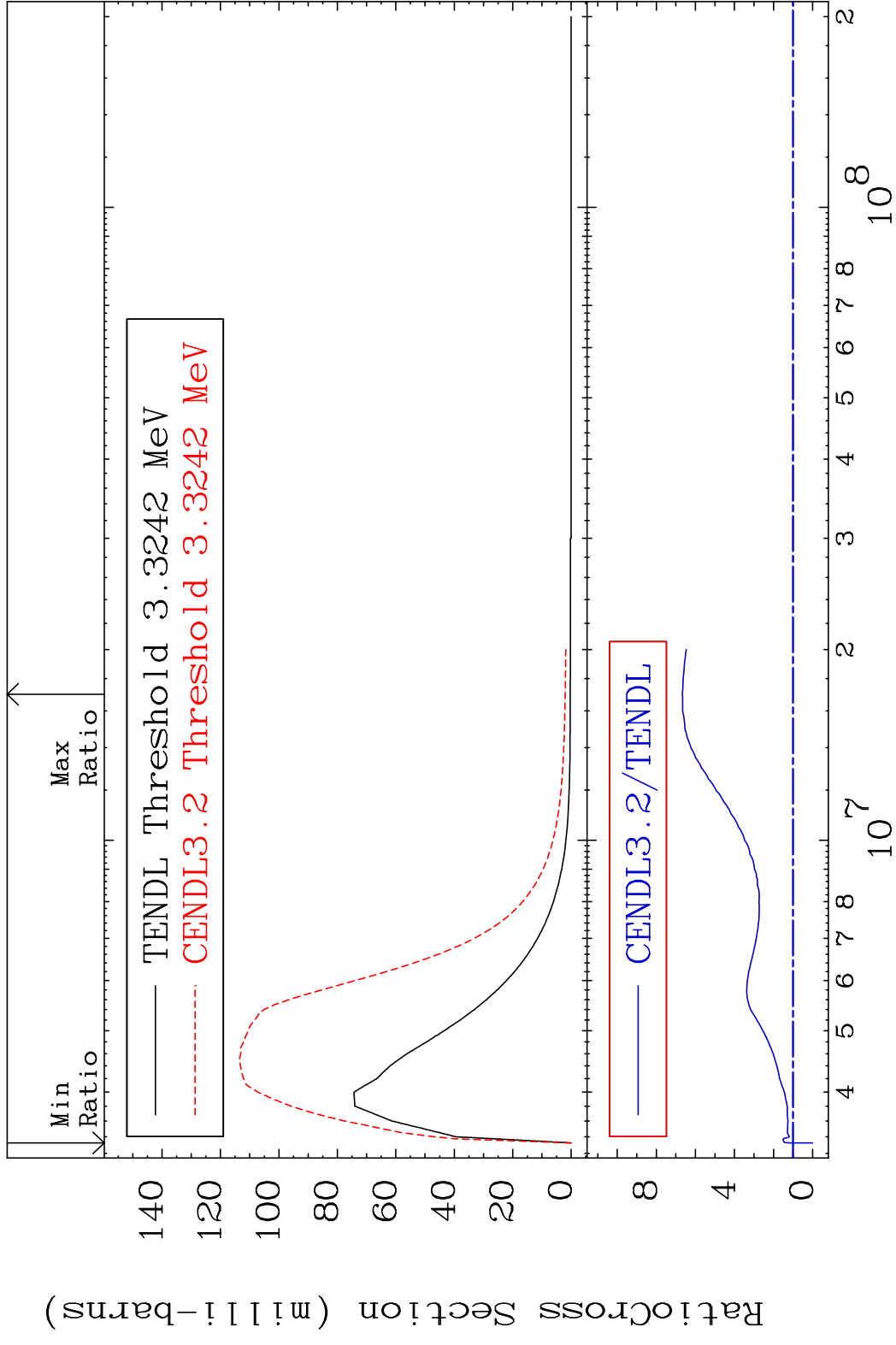
MAT 2831 MT= 58 (n,n') Level 28-Ni-60
 Cross Section -100.0 To 1126. %



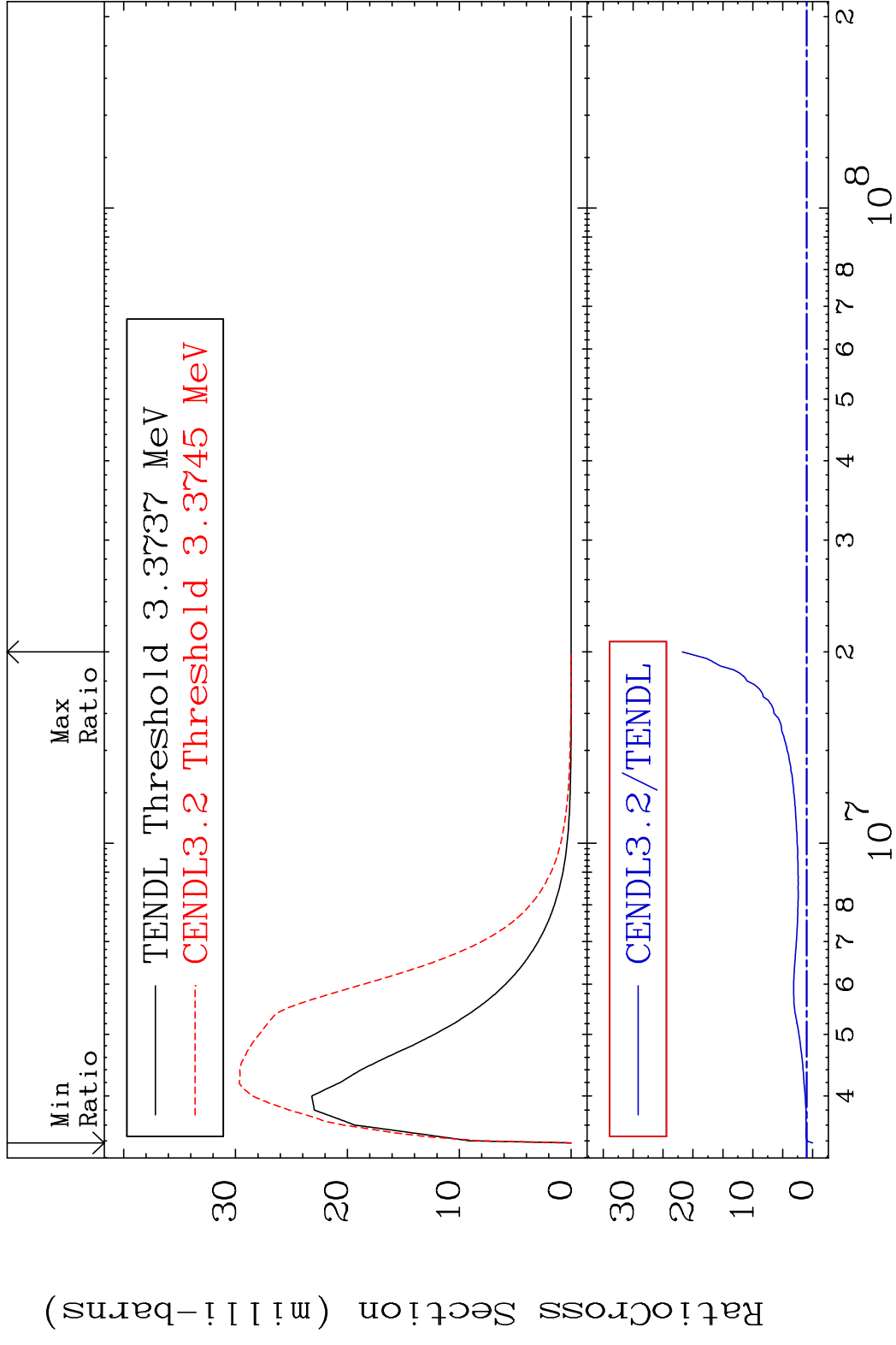
MAT 2831 MT= 59 (n,n') Level 28-Ni-60
 Cross Section -100.0 To 2234. %



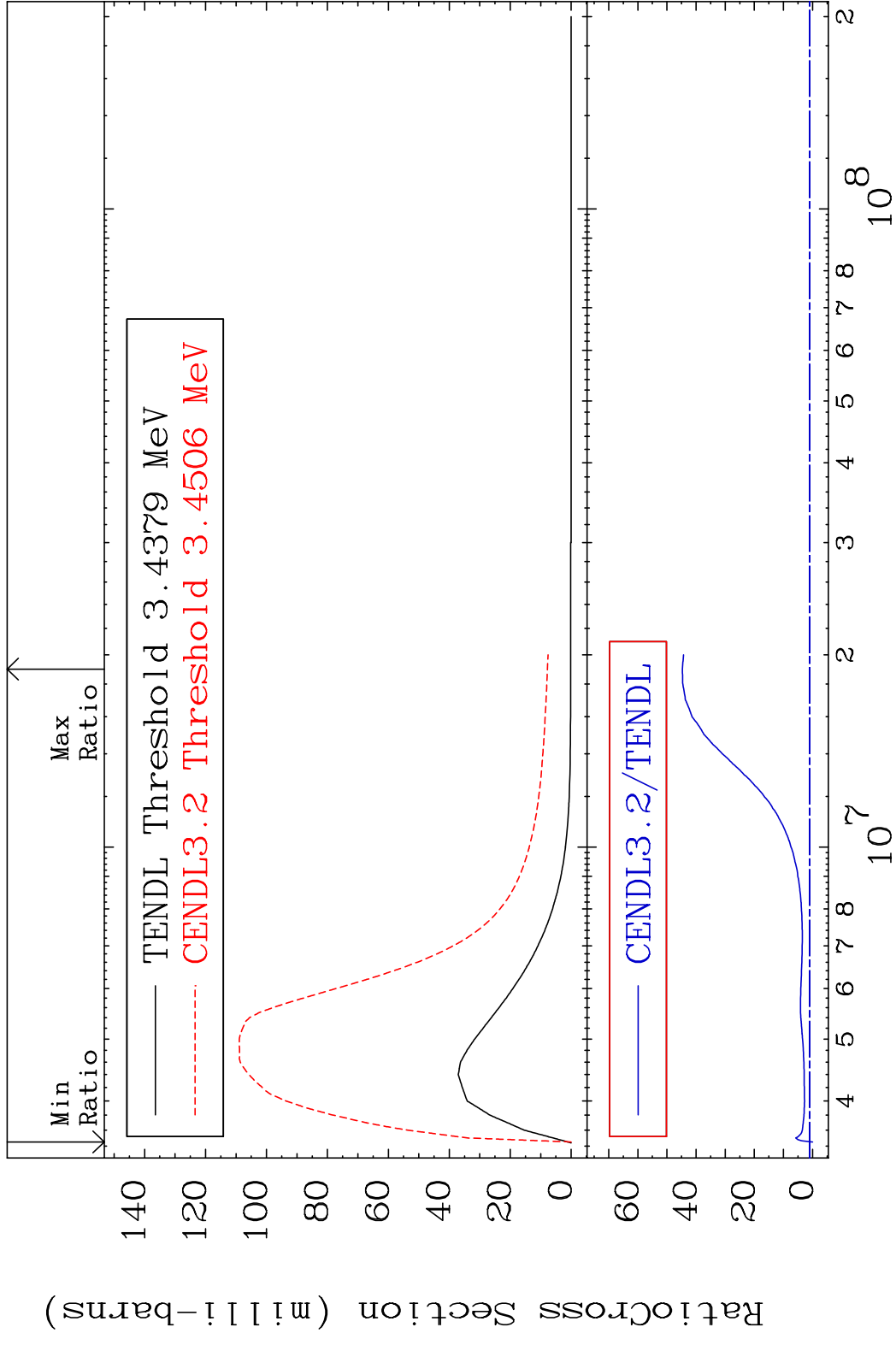
MAT 2831 MT= 60 (n,n') Level 28-Ni-60
 Cross Section -100.0 To 566.7 %



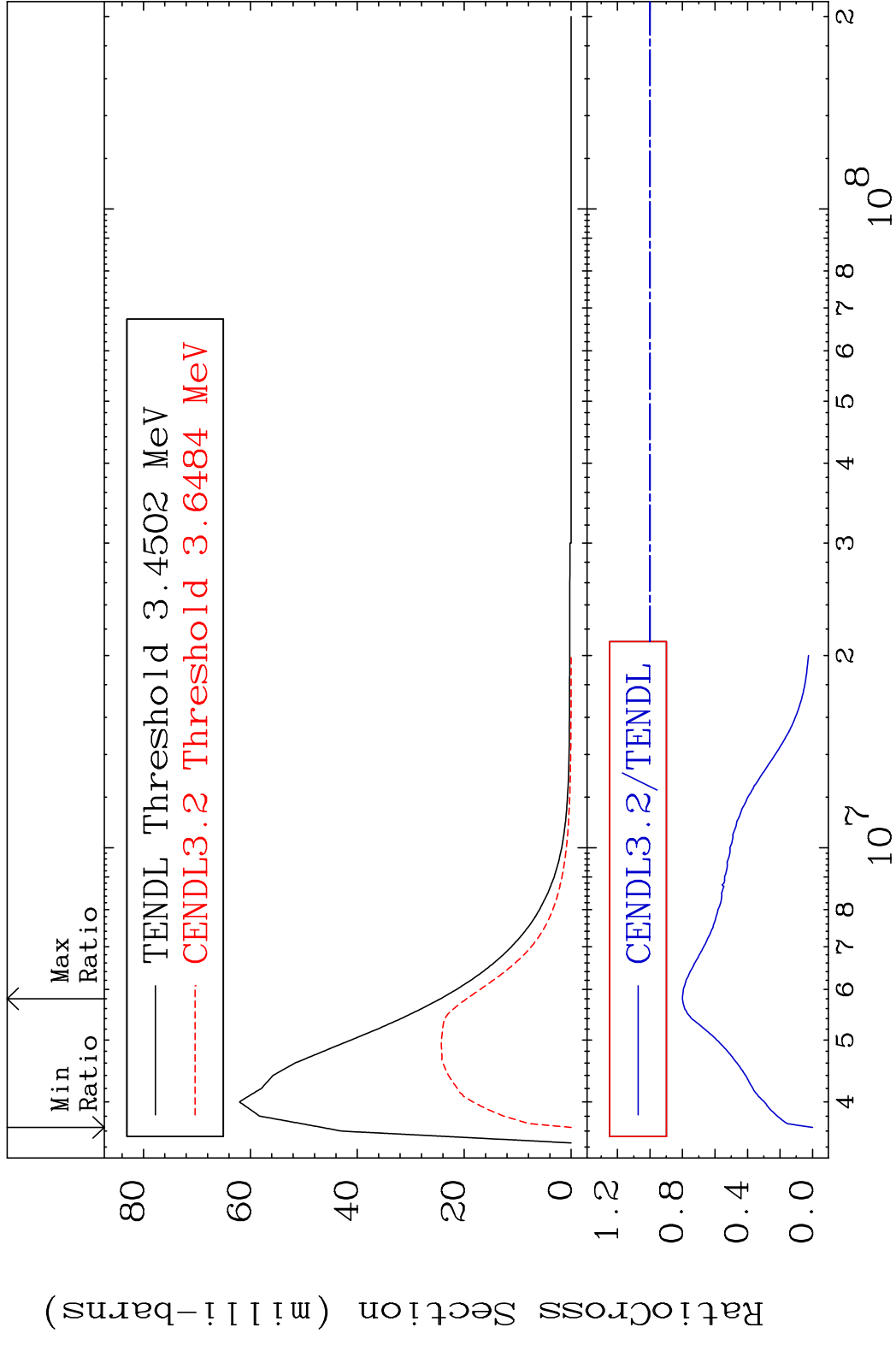
MAT 2831 MT= 61 (n,n') Level 28-Ni-60
 Cross Section -100.0 To 2078. %



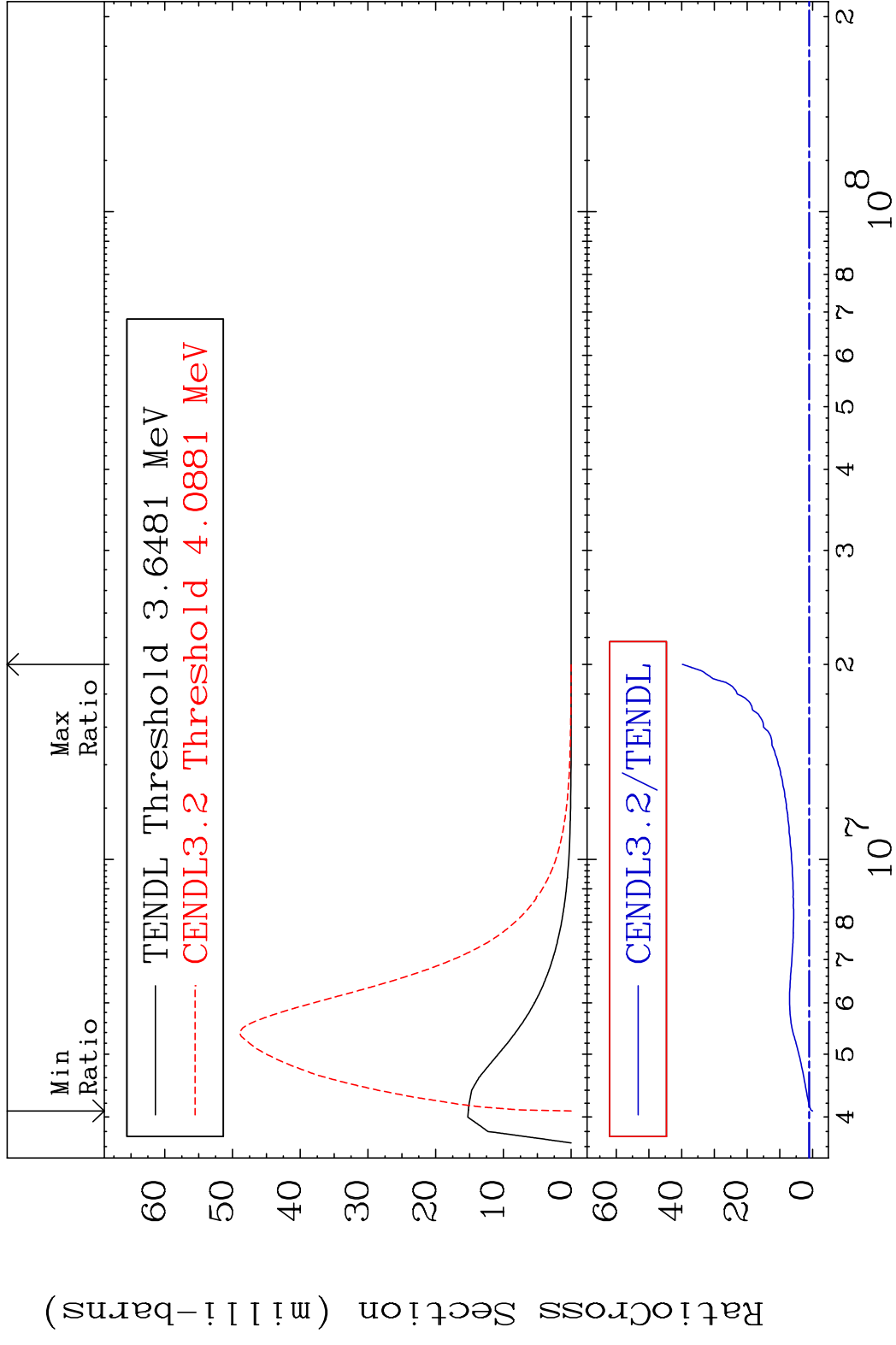
MAT 2831 MT= 62 (n, n') Level 28-Ni-60
 Cross Section -100.0 To 4371. %



MAT 2831 MT= 63 (n, n') Level 28-Ni-60
 Cross Section -100.0 To -19.92%

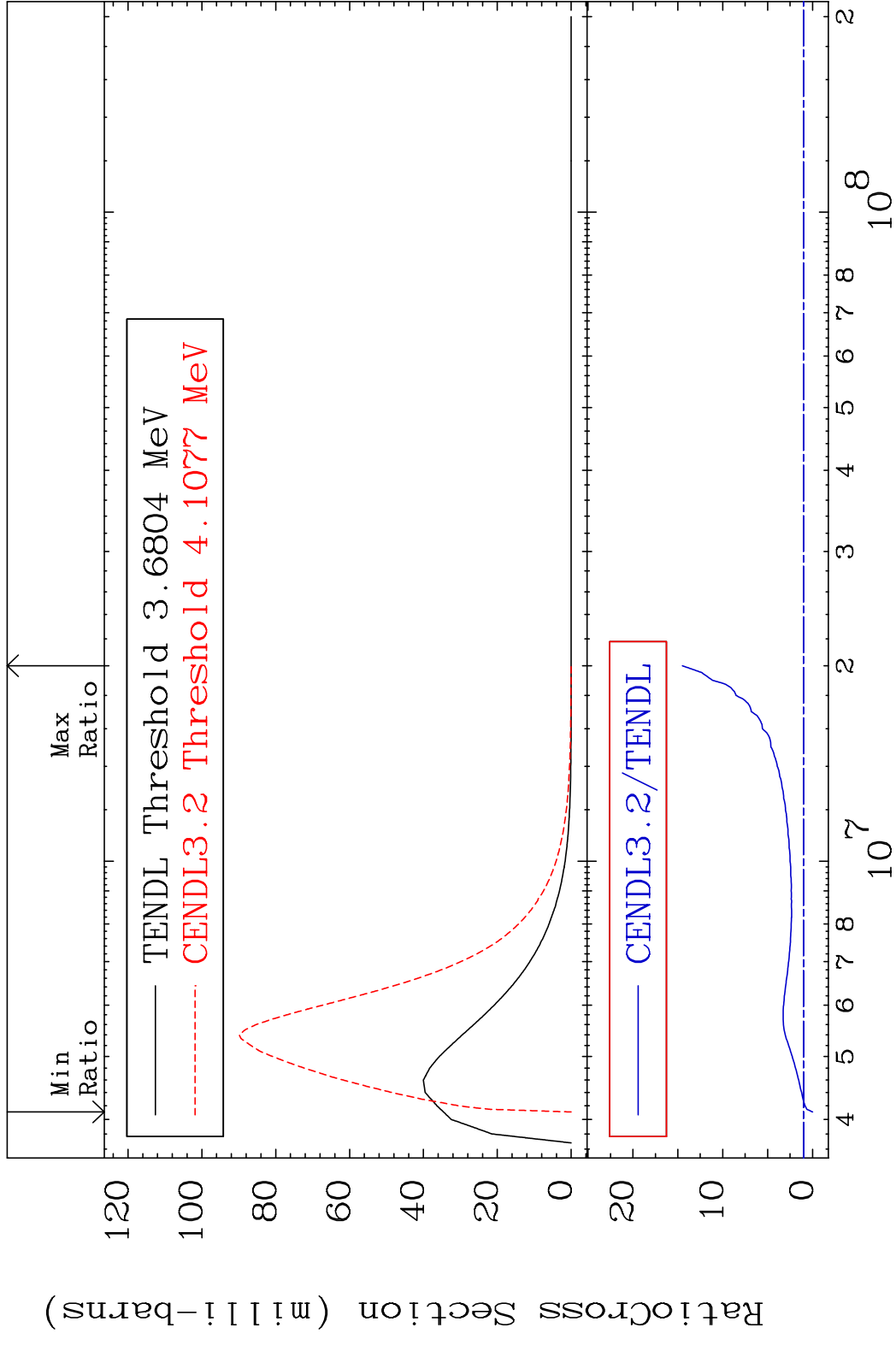


MAT 2831 MT= 64 (n, n') Level 28-Ni-60
 Cross Section -100.0 To 3878. %

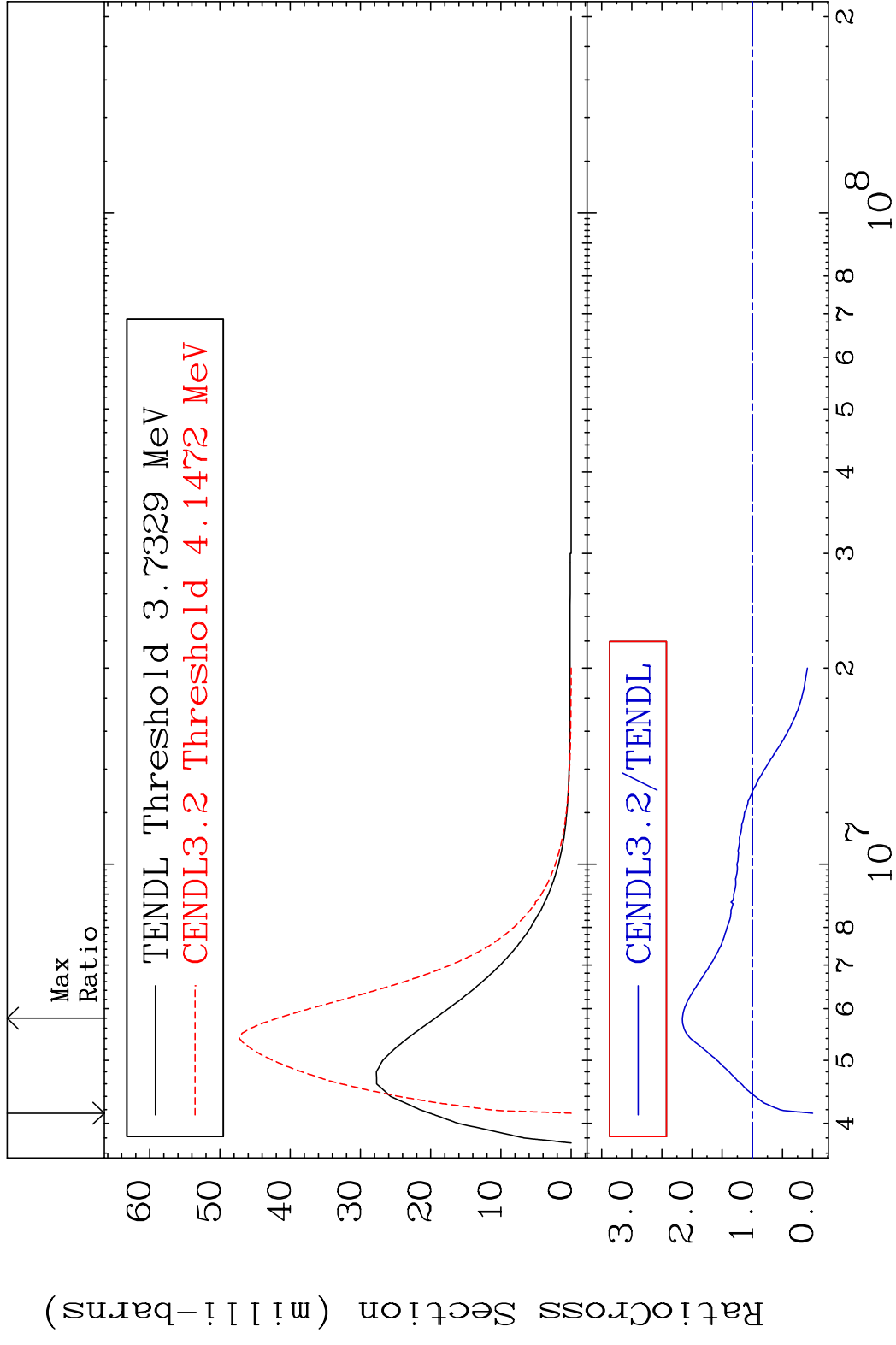


20 Incident Energy (eV) 28-Ni-60

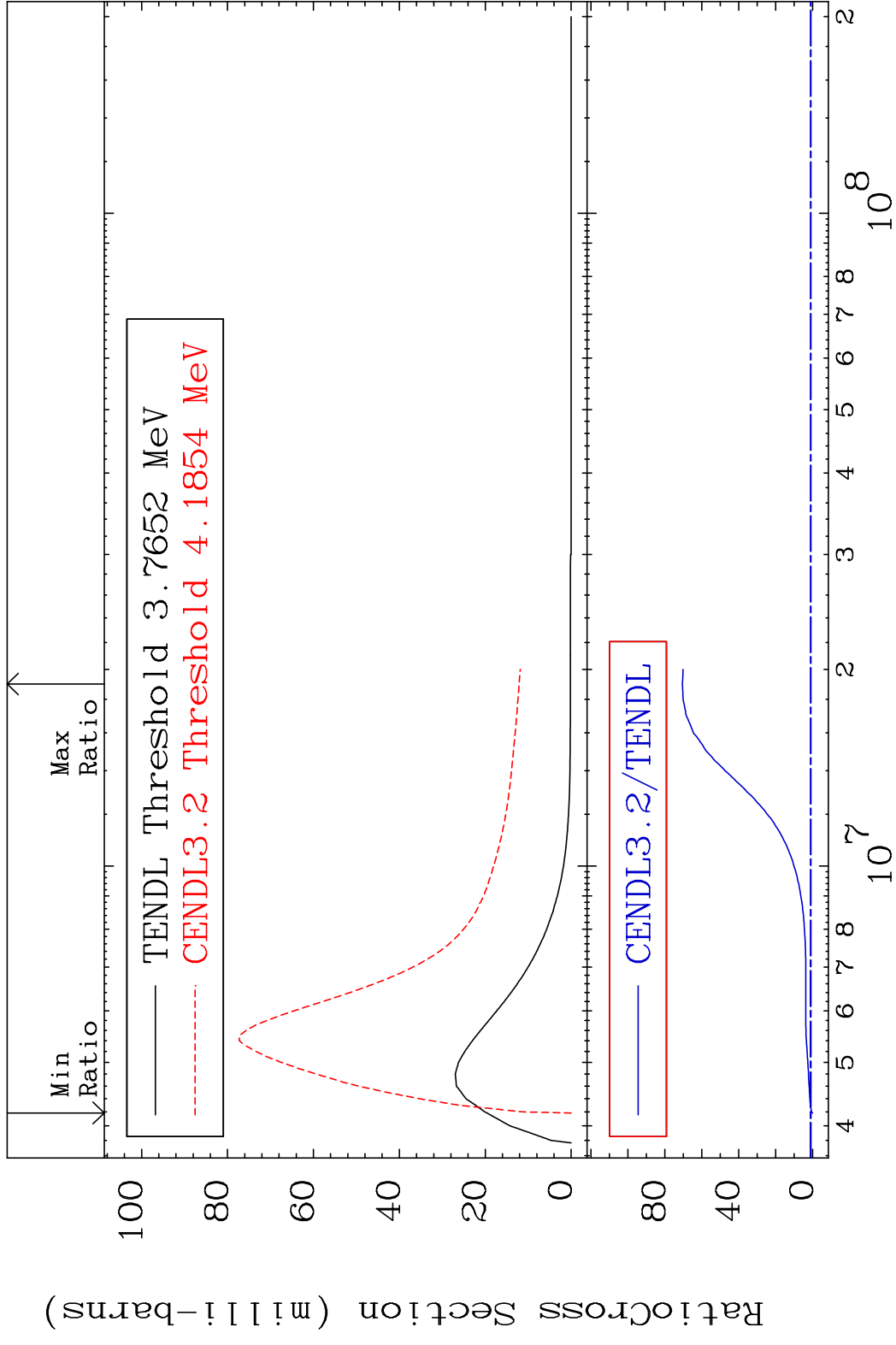
MAT 2831 MT= 65 (n,n') Level 28-Ni-60
 Cross Section -100.0 To 1350. %



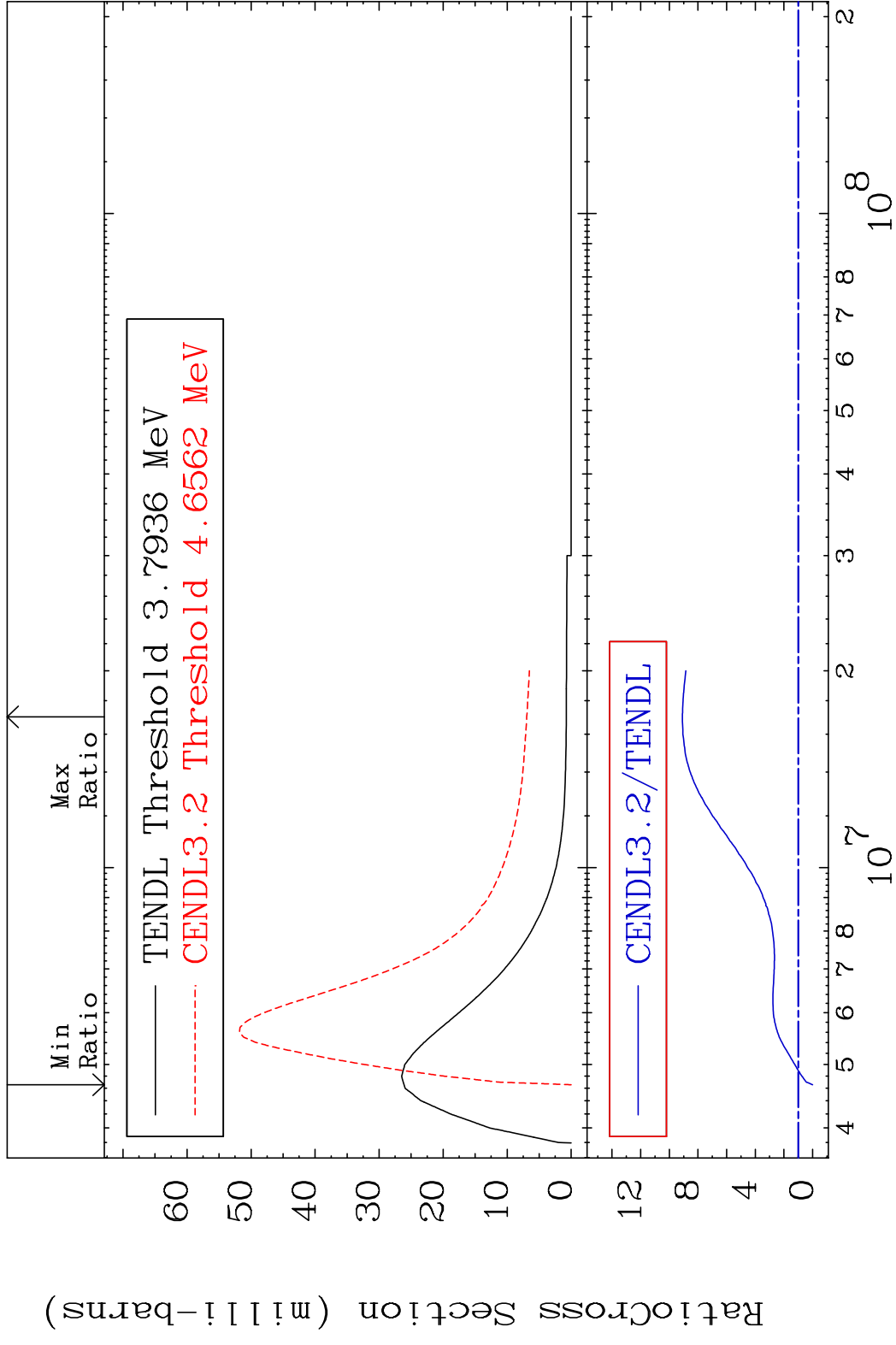
MAT 2831 MT= 66 (n,n') Level 28-Ni-60
 Cross Section -100.0 To 116.1 %



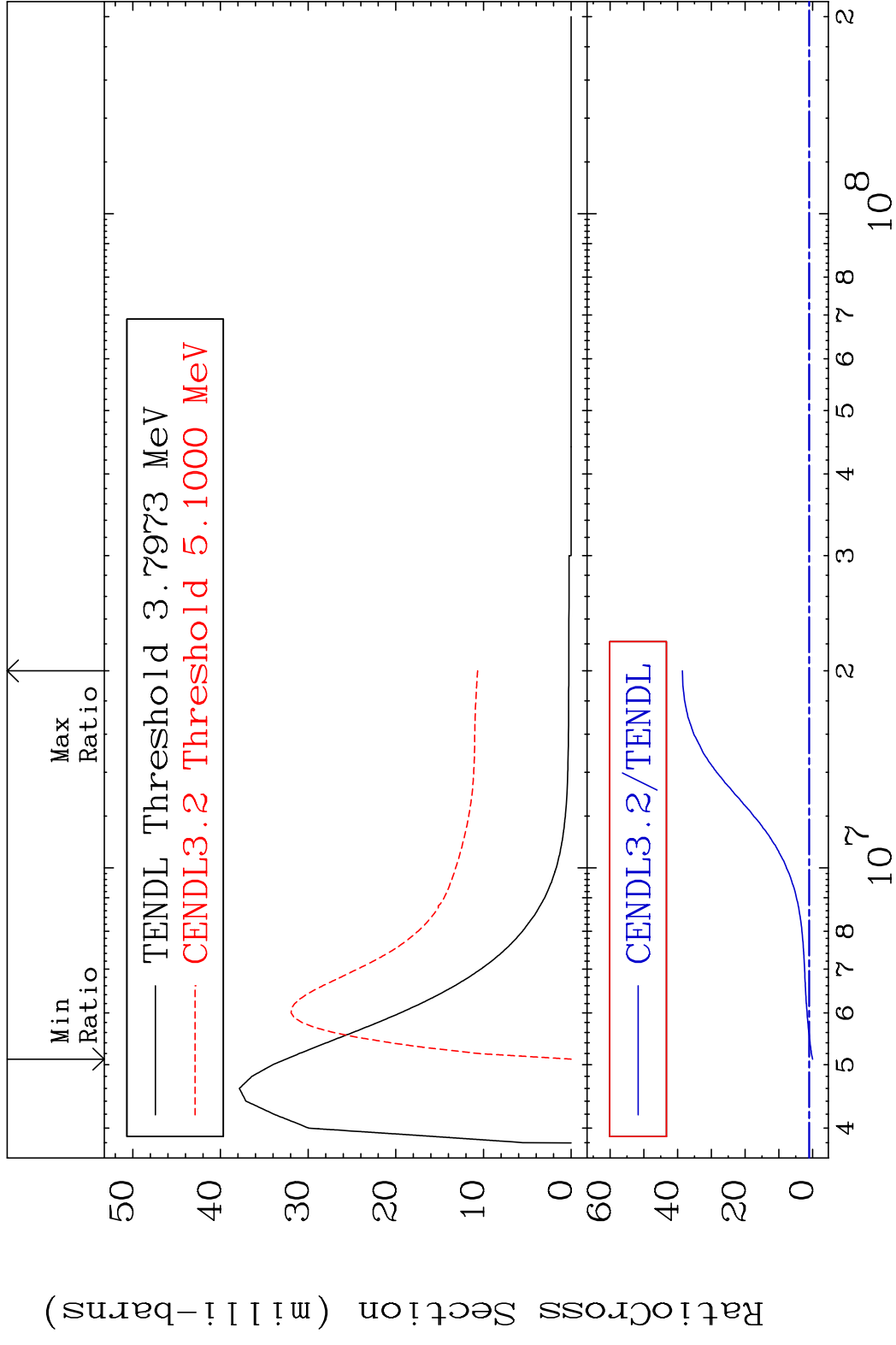
MAT 2831 MT= 67 (n, n') Level 28-Ni-60
 Cross Section -100.0 To 6952. %



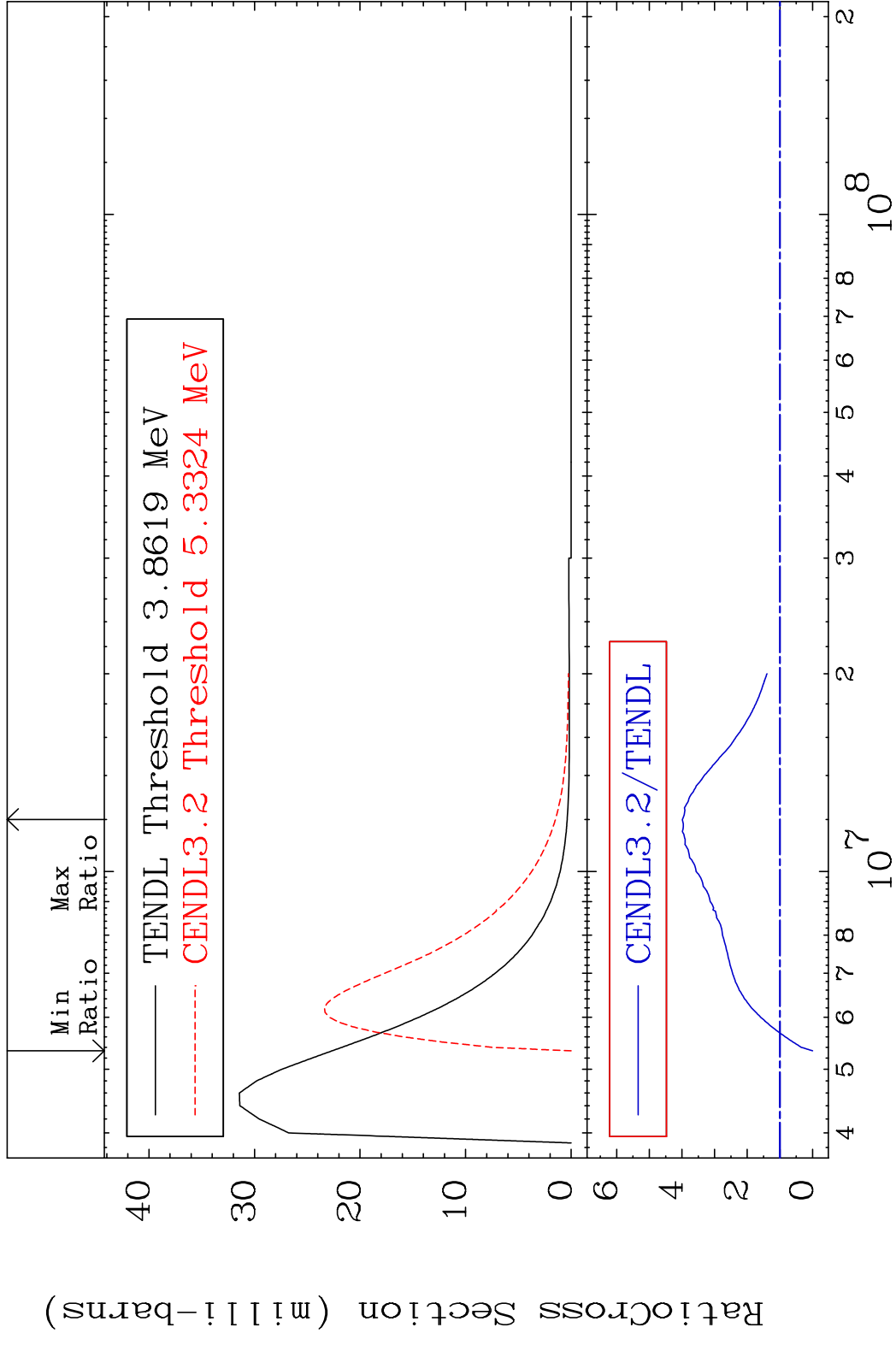
MAT 2831 MT= 68 (n,n') Level 28-Ni-60
 Cross Section -100.0 To 809.0 %



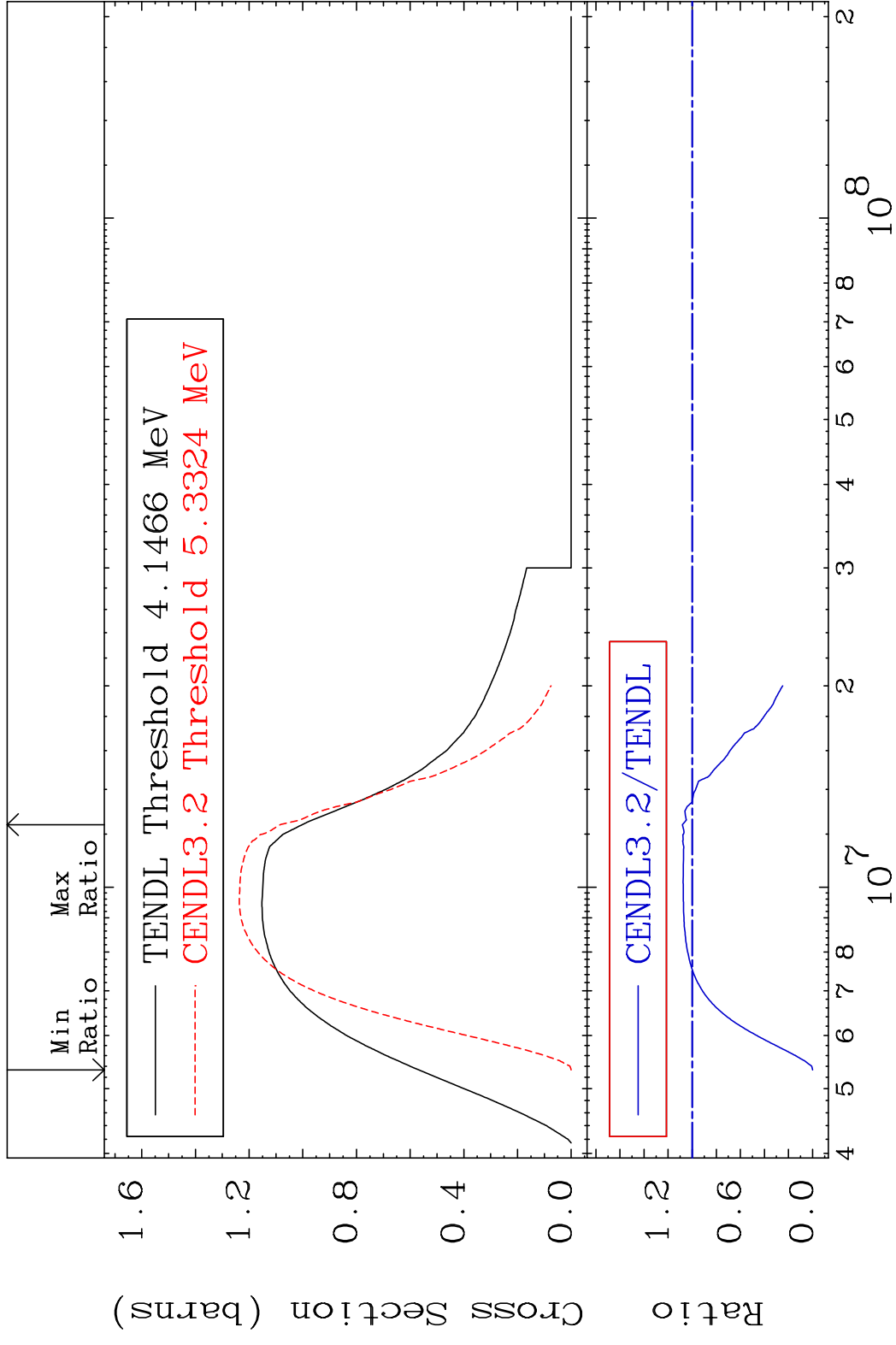
MAT 2831 MT= 69 (n, n') Level 28-Ni-60
 Cross Section -100.0 To 3760. %



MAT 2831 MT= 70 (n,n') Level 28-Ni-60
 Cross Section -100.0 To 298.8 %



MAT 2831 (n, n') Continuum 28-Ni-60
 Cross Section -100.0 To 8.183 %

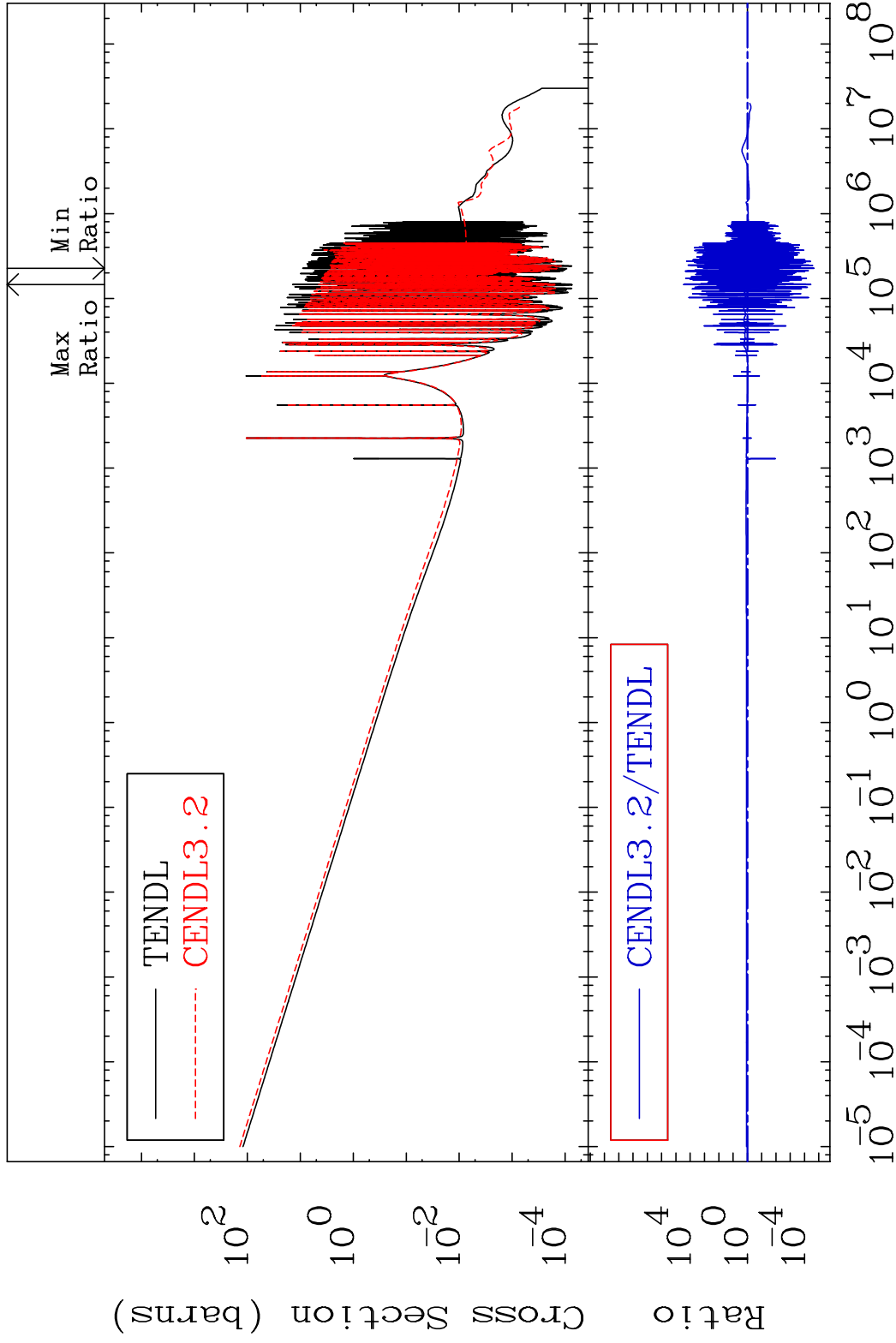


MAT 2831

(n, γ)

28-Ni-60

Cross Section -100.0 To 9999. %

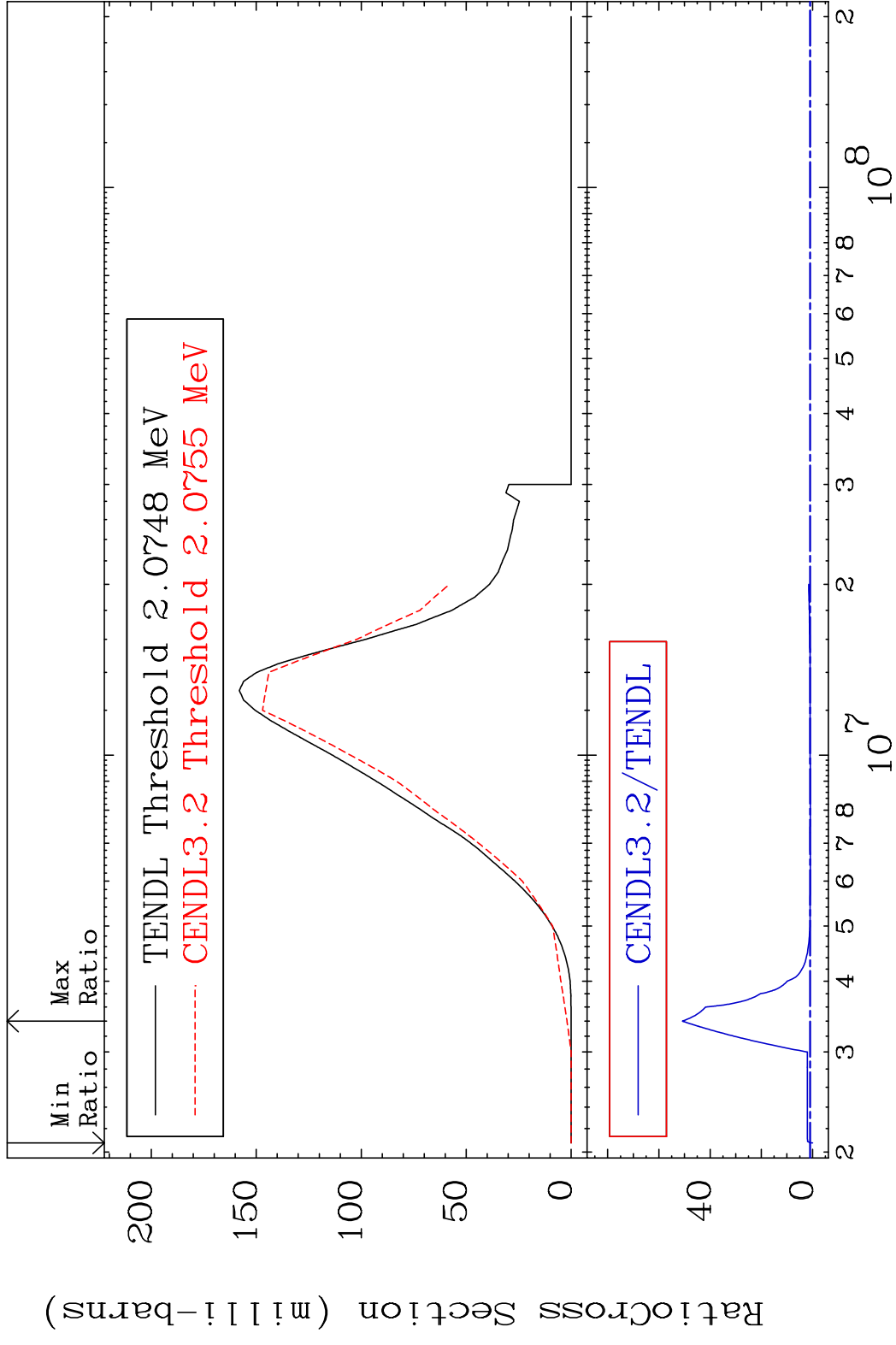


28

Incident Energy (eV)

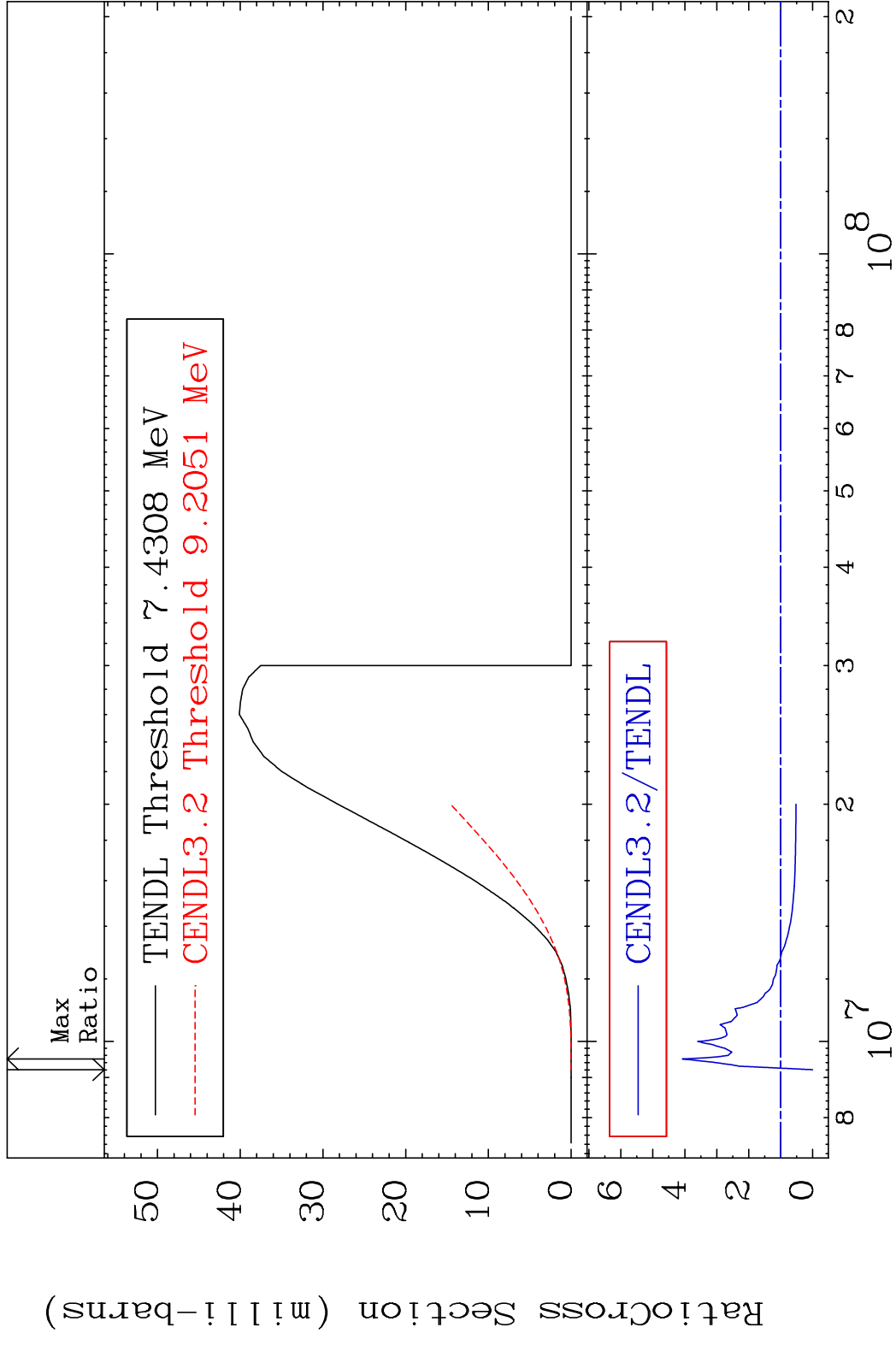
28-Ni-60

MAT 2831 (n,p) 28-Ni-60
 Cross Section -100.0 To 4984. %



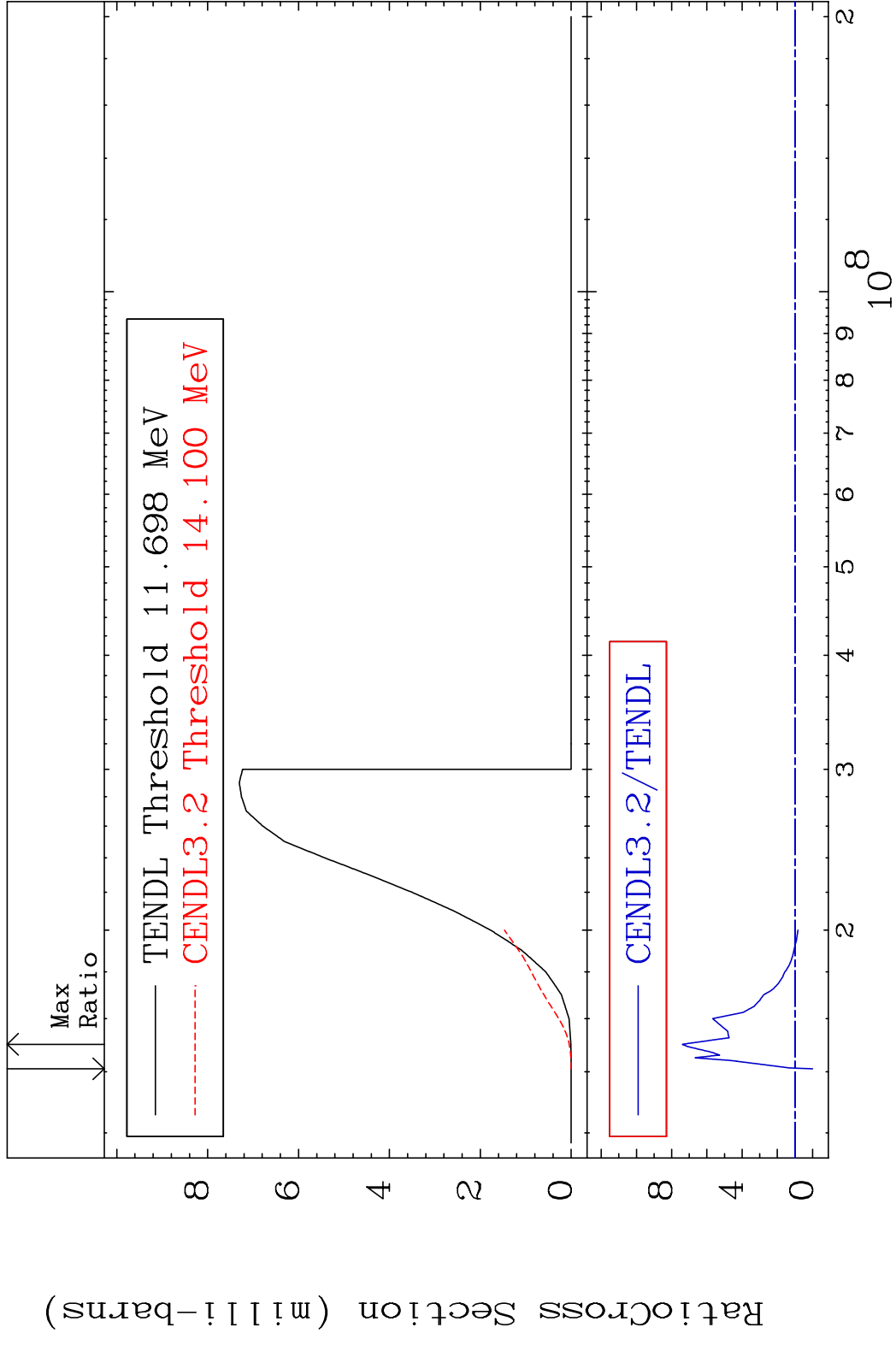
29 28-Ni-60

MAT 2831 (n,d) 28-Ni-60
 Cross Section -100.0 To 307.6 %



30 28-Ni-60

MAT 2831 (n, t) 28-Ni-60
 Cross Section -100.0 To 639.3 %

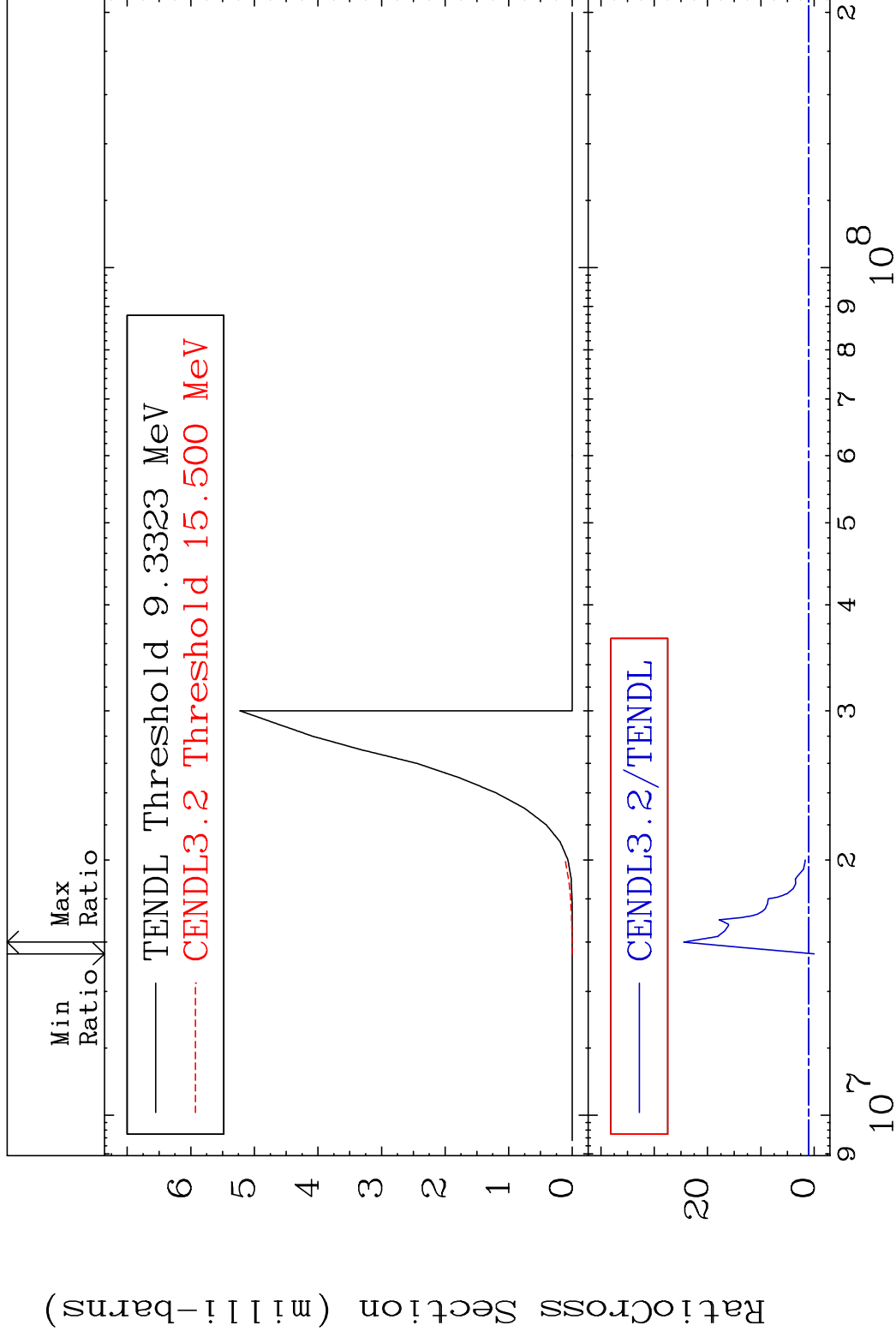


MAT 2831

(n, He-3)

28-Ni-60

Cross Section -100.0 To 2348. %



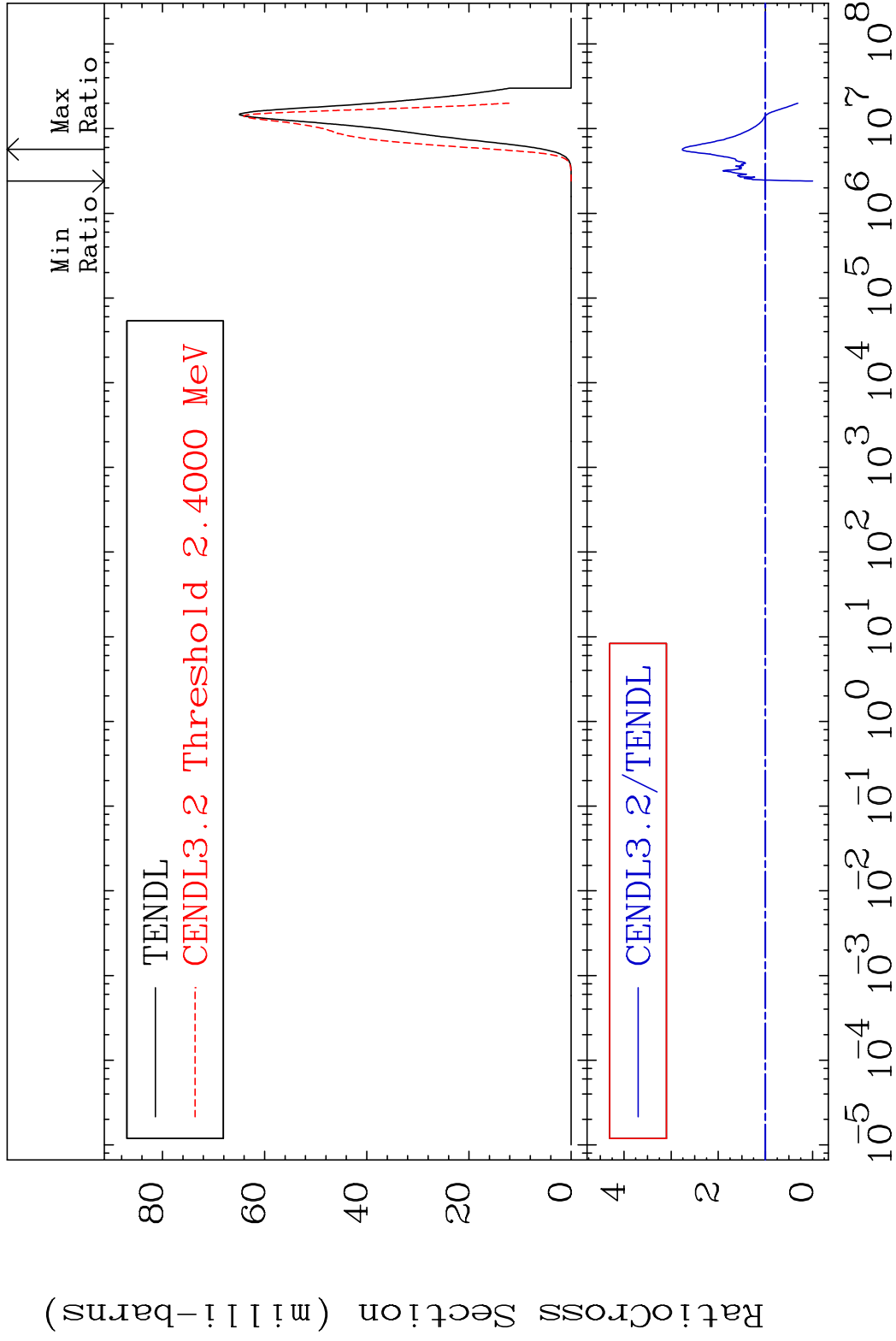
32

MAT 2831

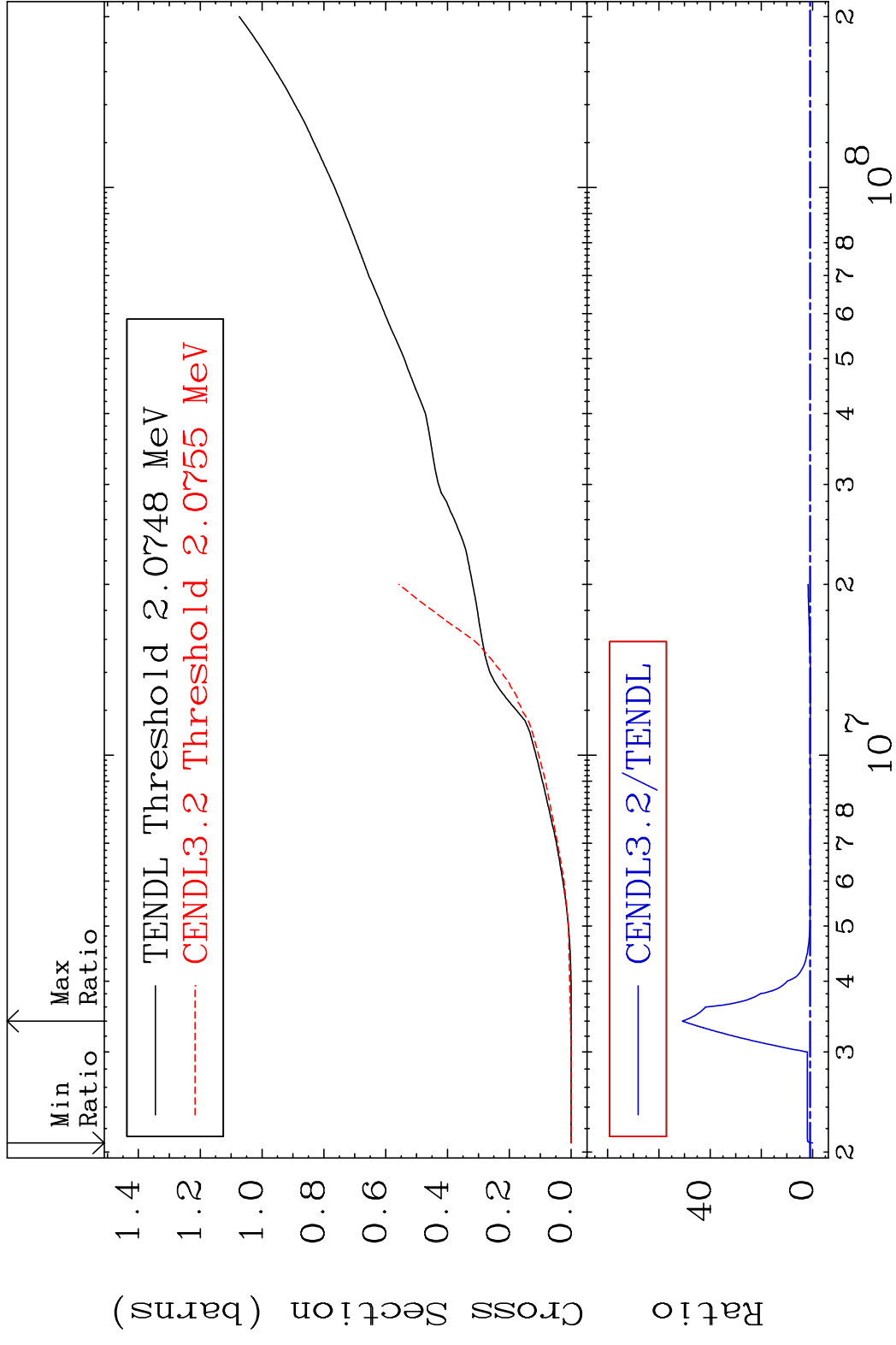
(n, α)

28-Ni-60

Cross Section -100.0 To 176.1 %

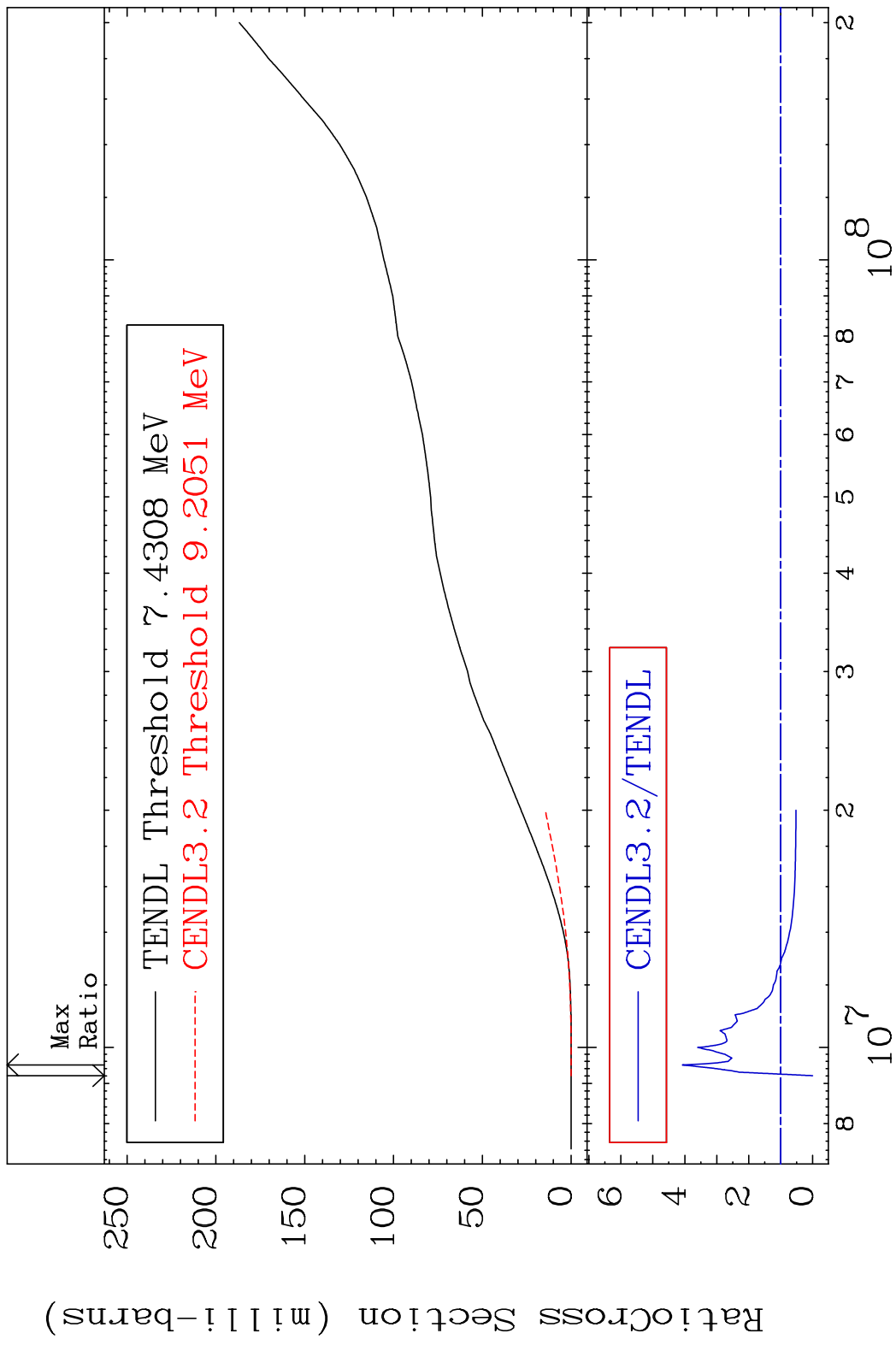


MAT 2831 Hydrogen Production 28-Ni-60
 Cross Section -100.0 To 4984. %



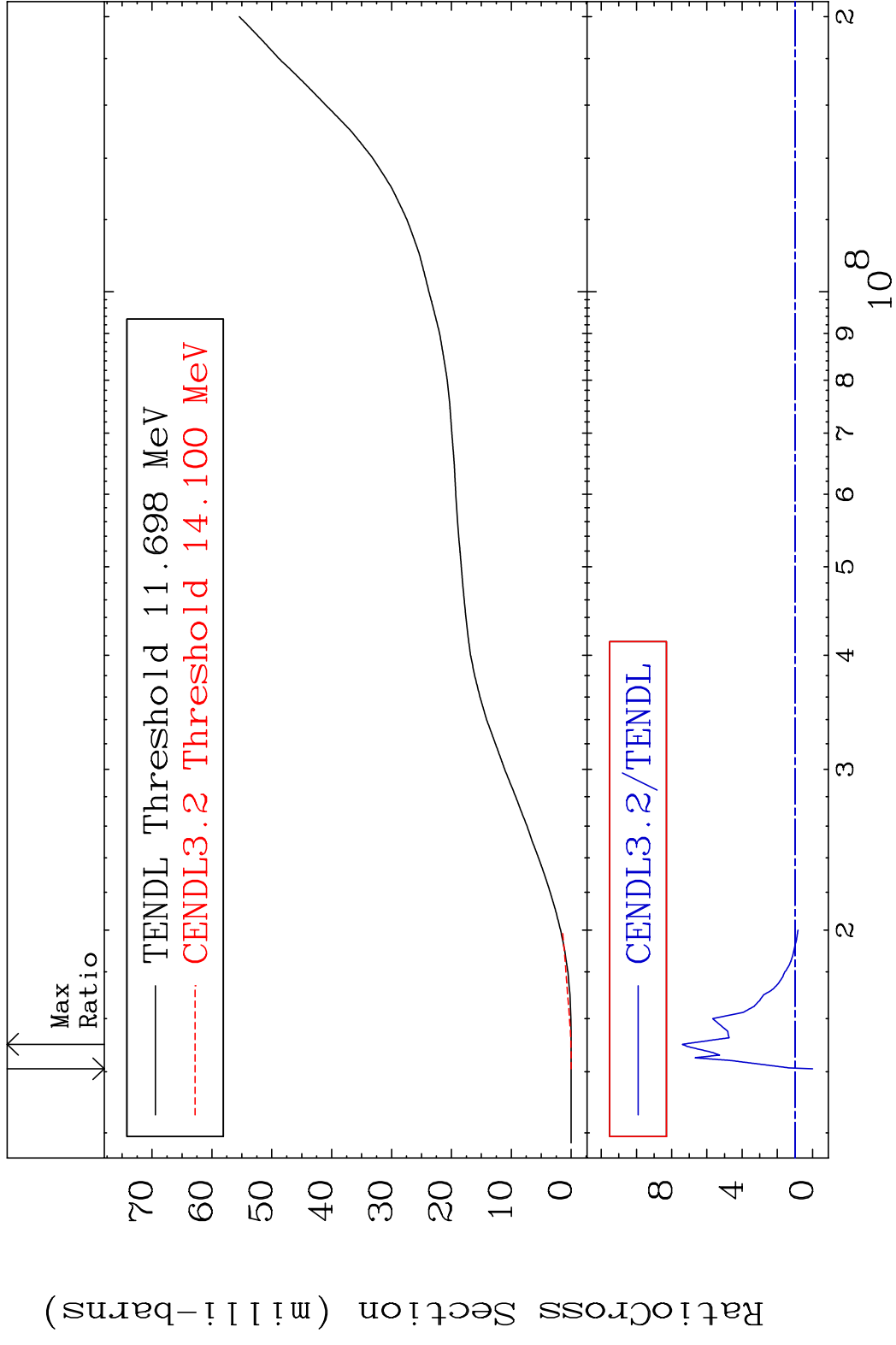
34 Incident Energy (eV) 28-Ni-60

MAT 2831 Deuterium Production ²⁸Ni-60
 Cross Section -100.0 To 307.6 %



35 Incident Energy (eV) ²⁸Ni-60

MAT 2831 Tritium Production 28-Ni-60
 Cross Section -100.0 To 639.3 %

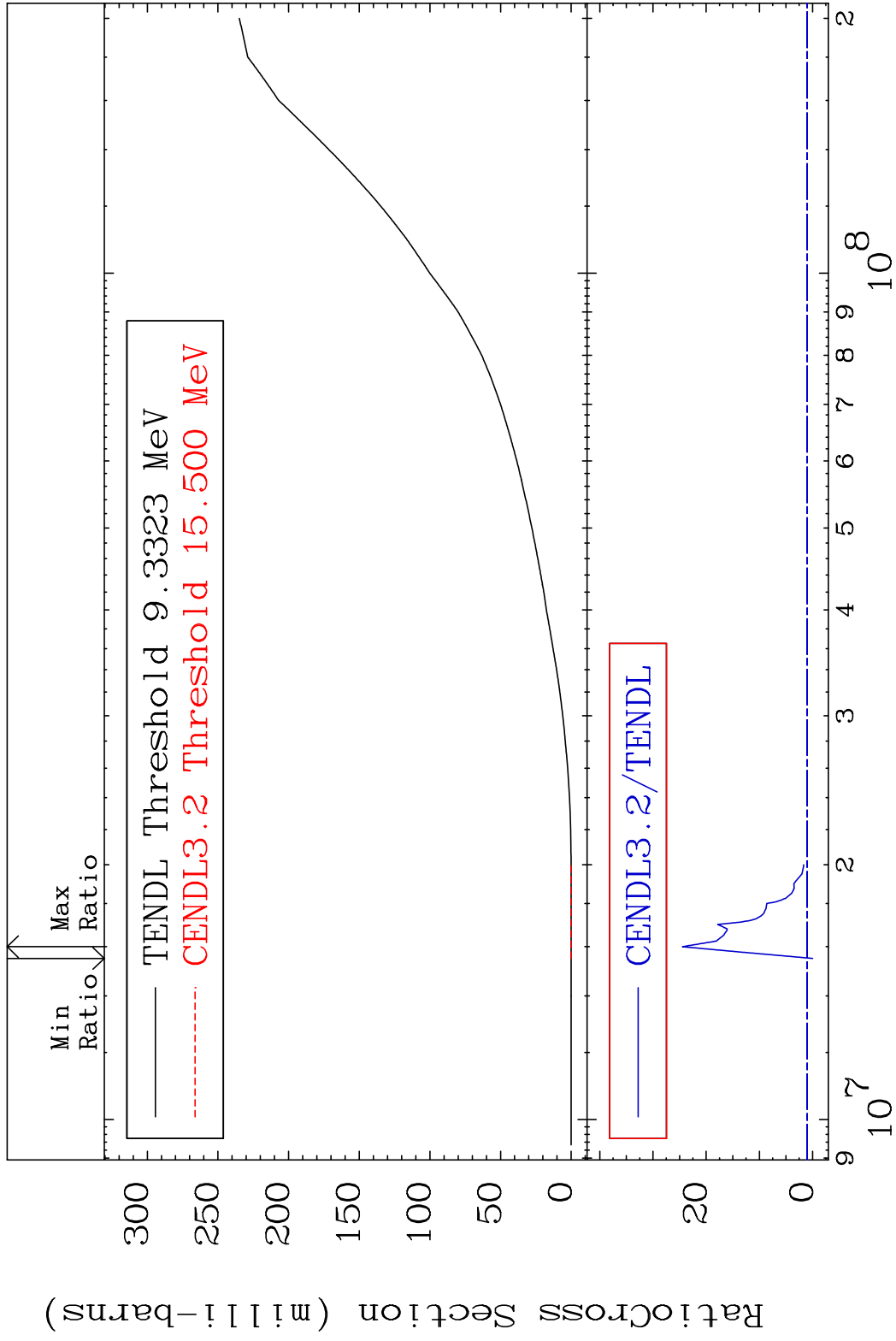


MAT 2831

He-3 Production

²⁸Ni-60

Cross Section -100.0 To 2348. %



37

Incident Energy (eV)

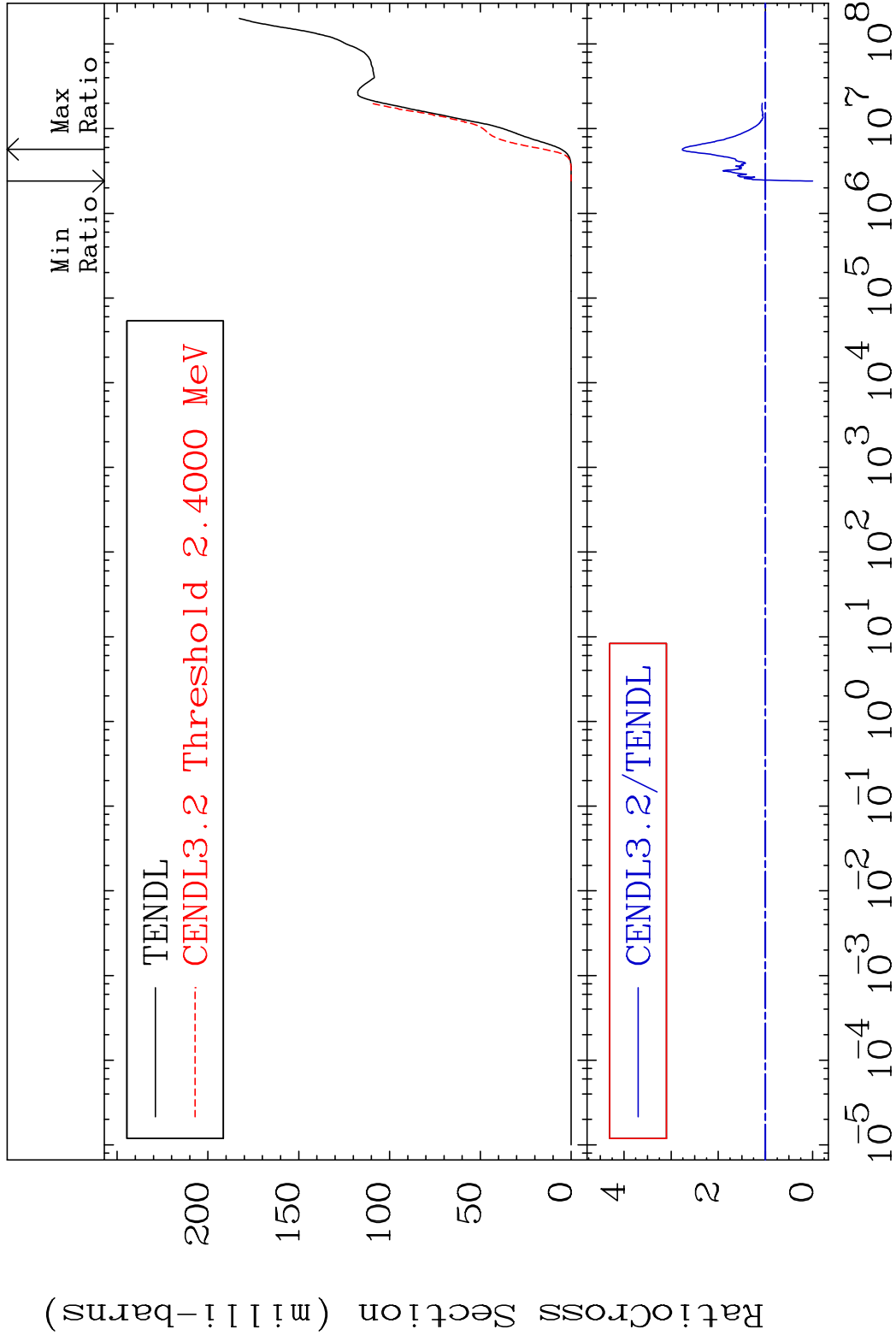
²⁸Ni-60

MAT 2831

He-4 Production

28-Ni-60

Cross Section -100.0 To 176.1 %

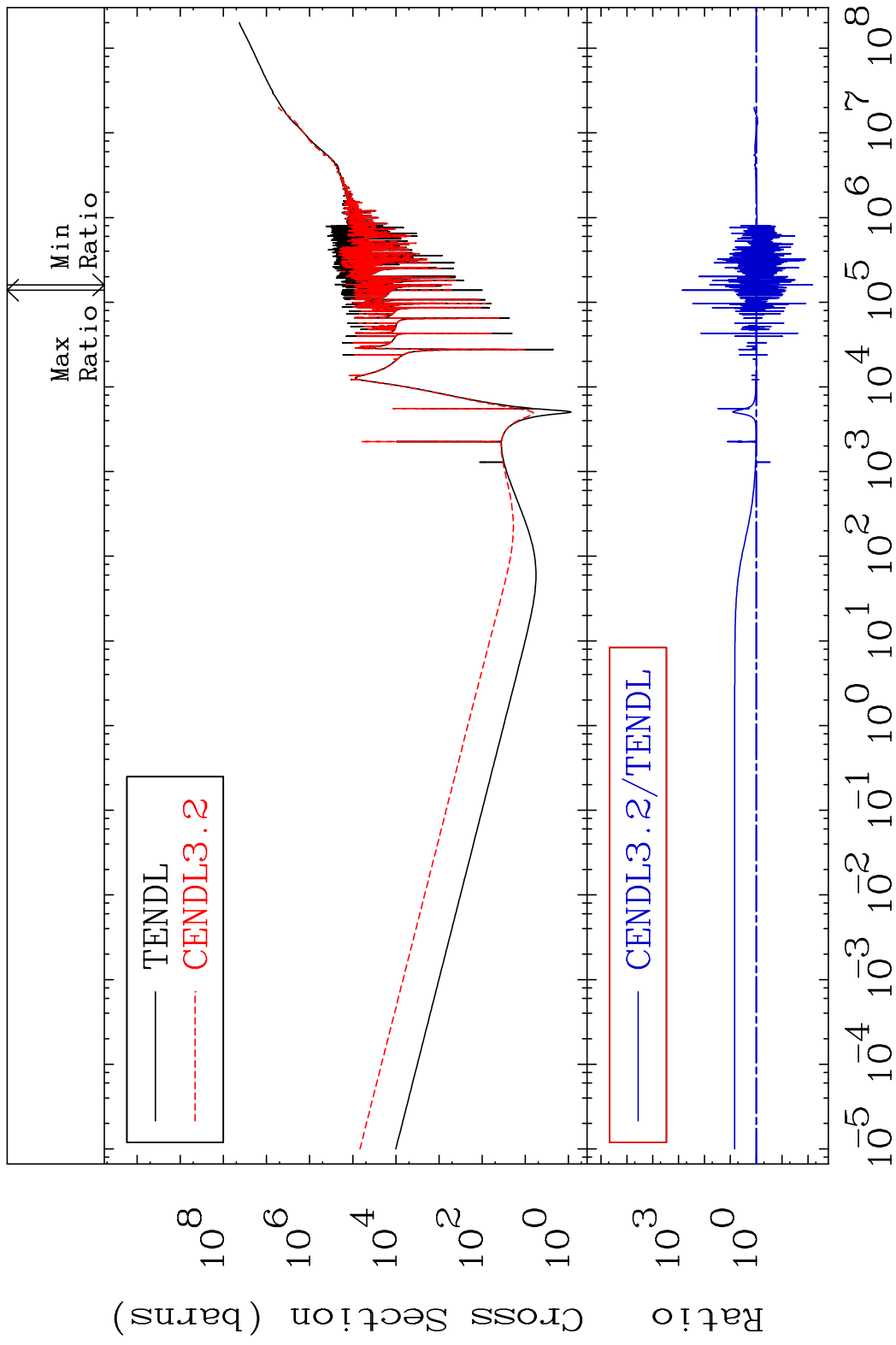


38

Incident Energy (eV)

28-Ni-60

MAT 2831 Kerma total (eV-barns) 28-Ni-60
 Cross Section -99.34 To 9999. %

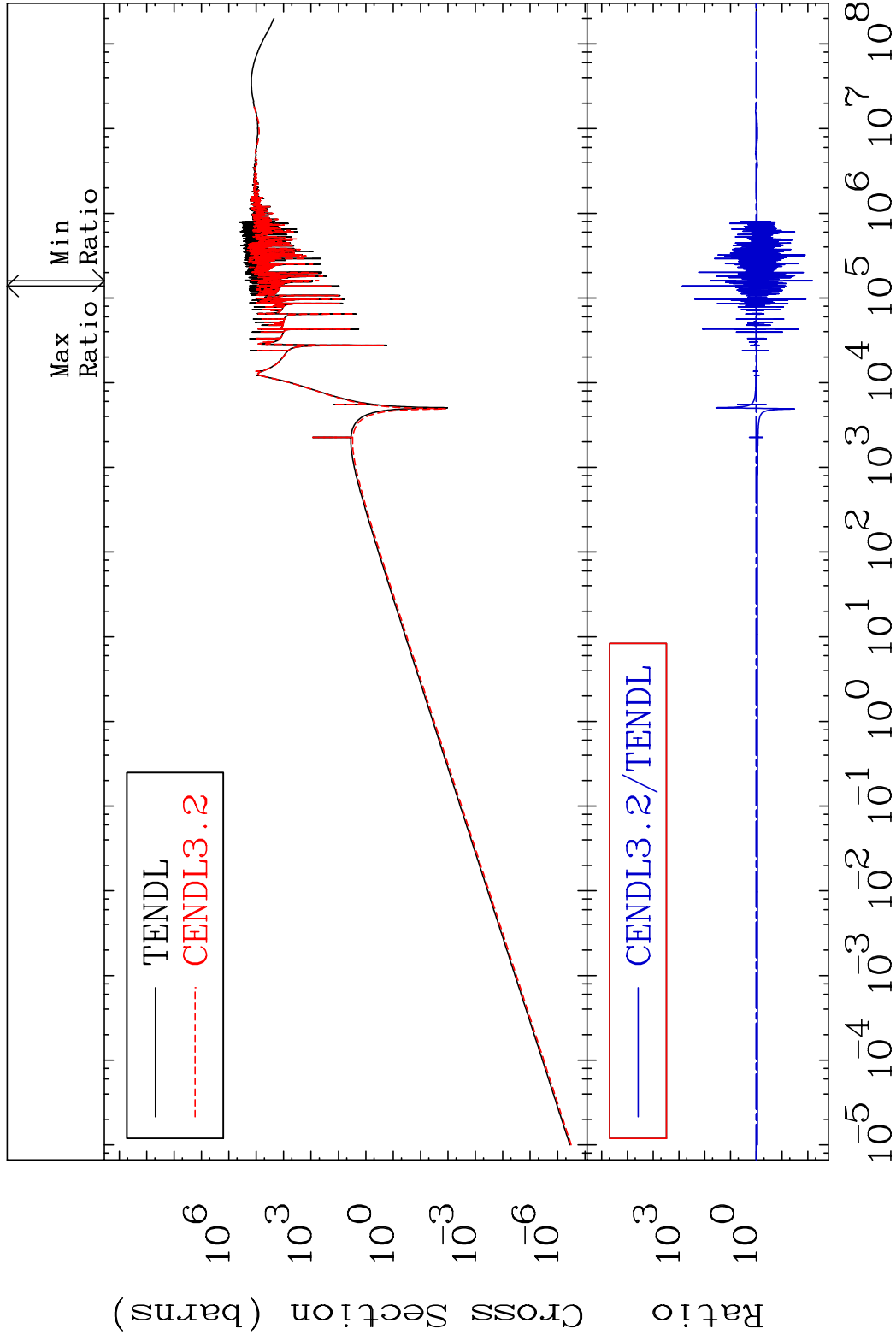


39 Incident Energy (eV) 28-Ni-60

MAT 2831

Kerma elastic
Cross Section

28-Ni-60
-99.35 To 9999. %

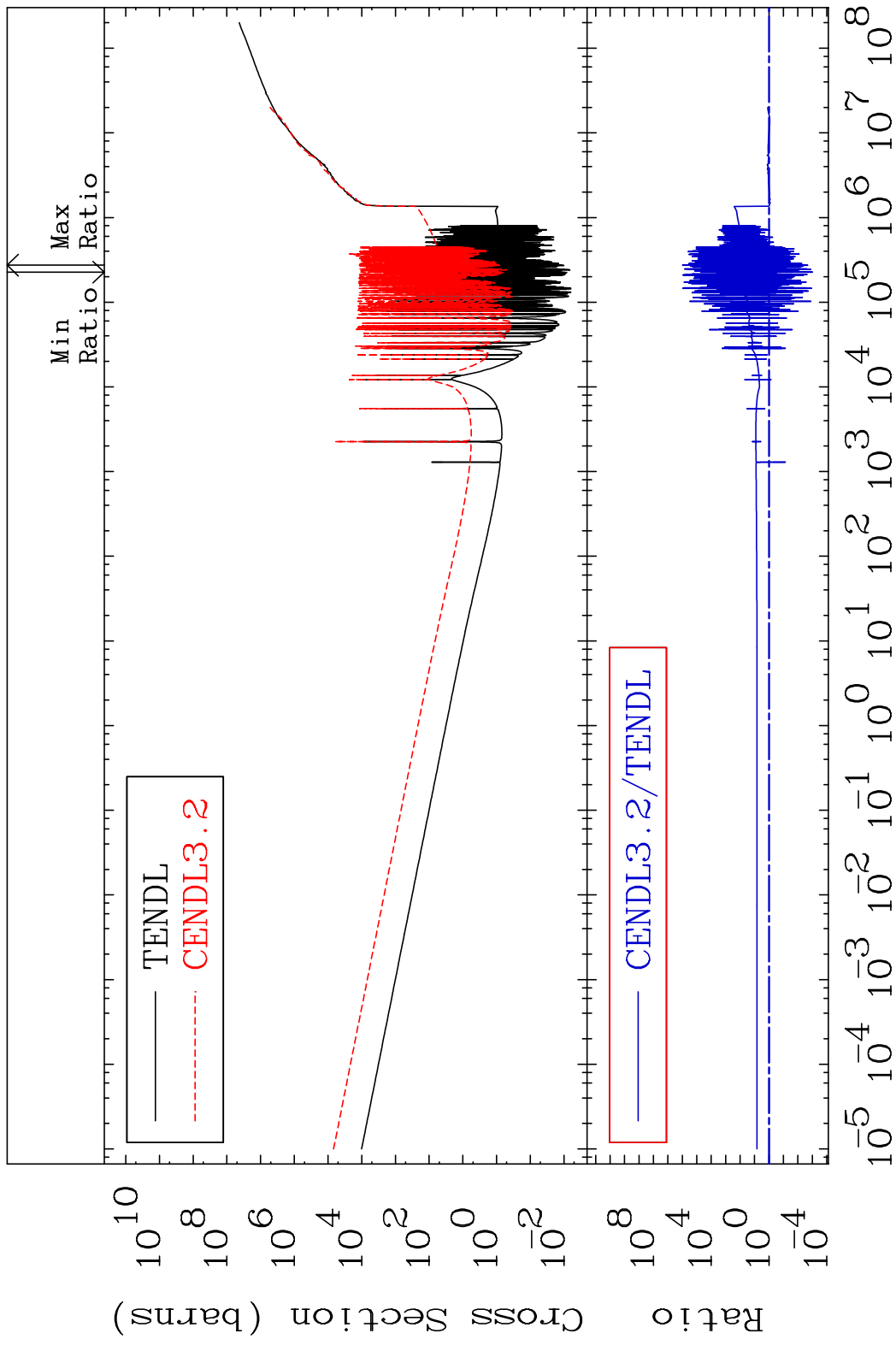


40

Incident Energy (eV)

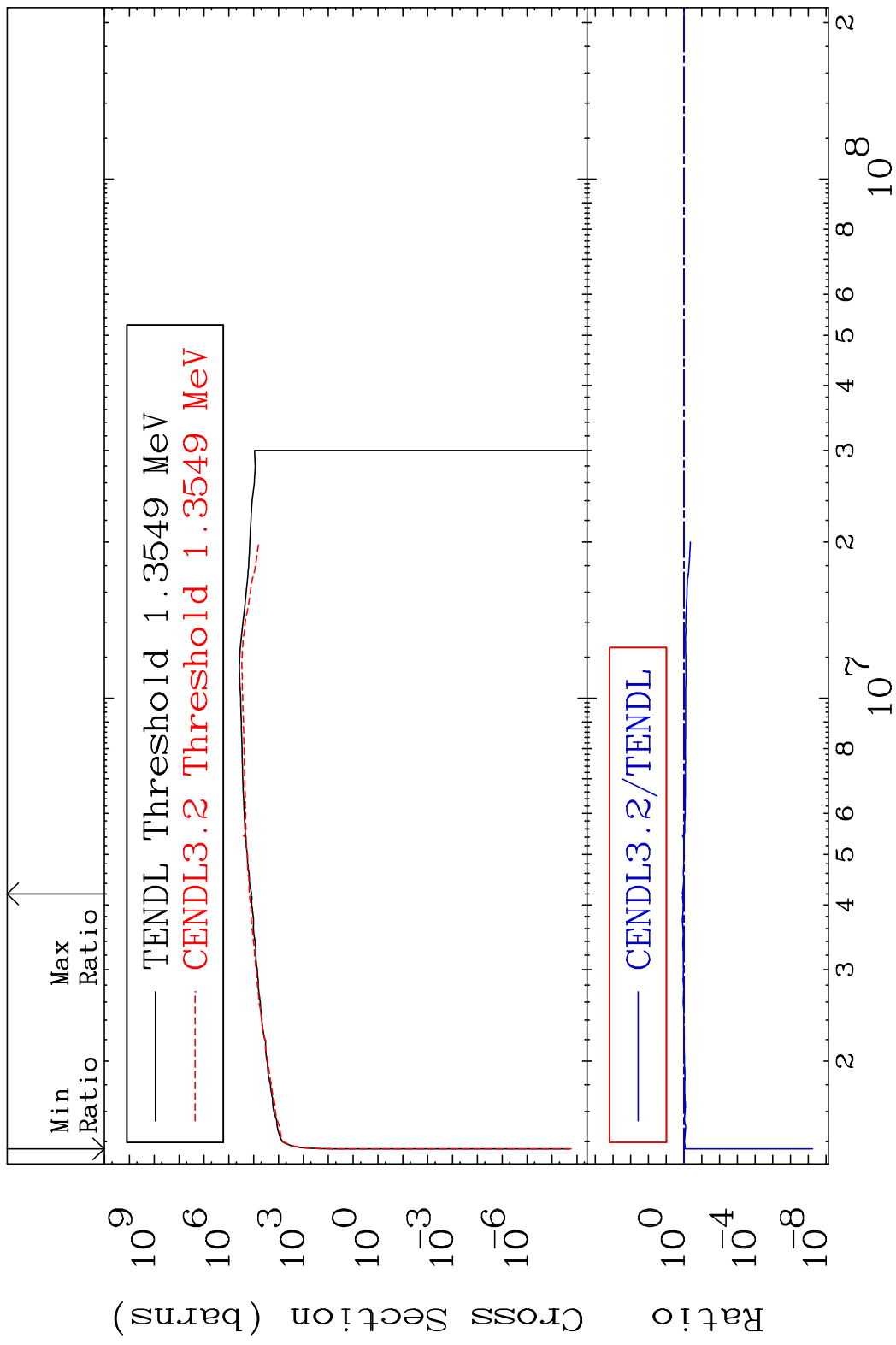
28-Ni-60

MAT 2831 Kerma non-elastic (all but mt2) 28-Ni-60
 Cross Section -99.90 To 9999. %

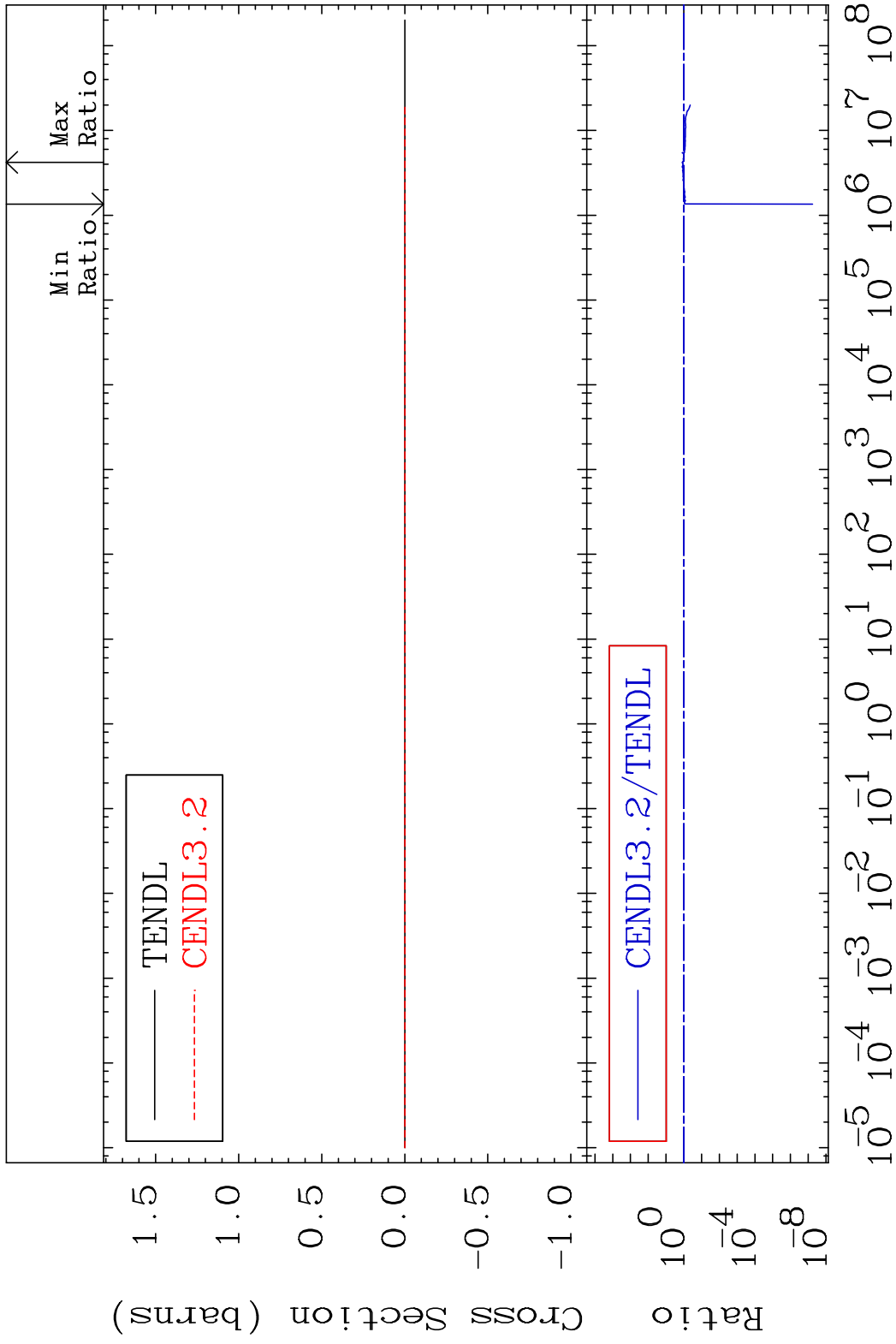


41 Incident Energy (eV) 28-Ni-60

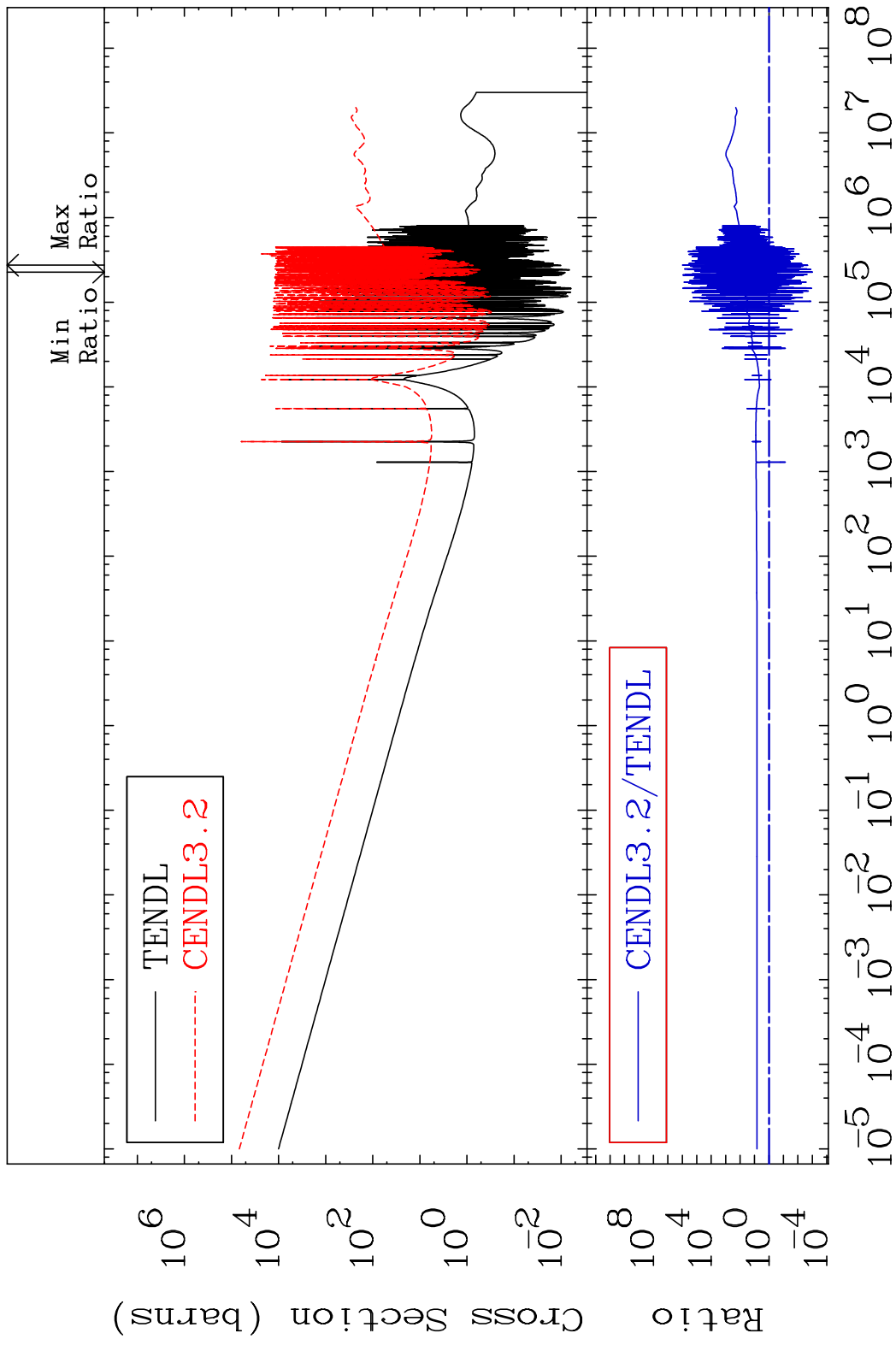
MAT 2831 Kerma inelastic (mt51-91) 28-Ni-60
 Cross Section -100.0 To 23.79 %



MAT 2831 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-60
 Cross Section -100.0 To 23.79 %

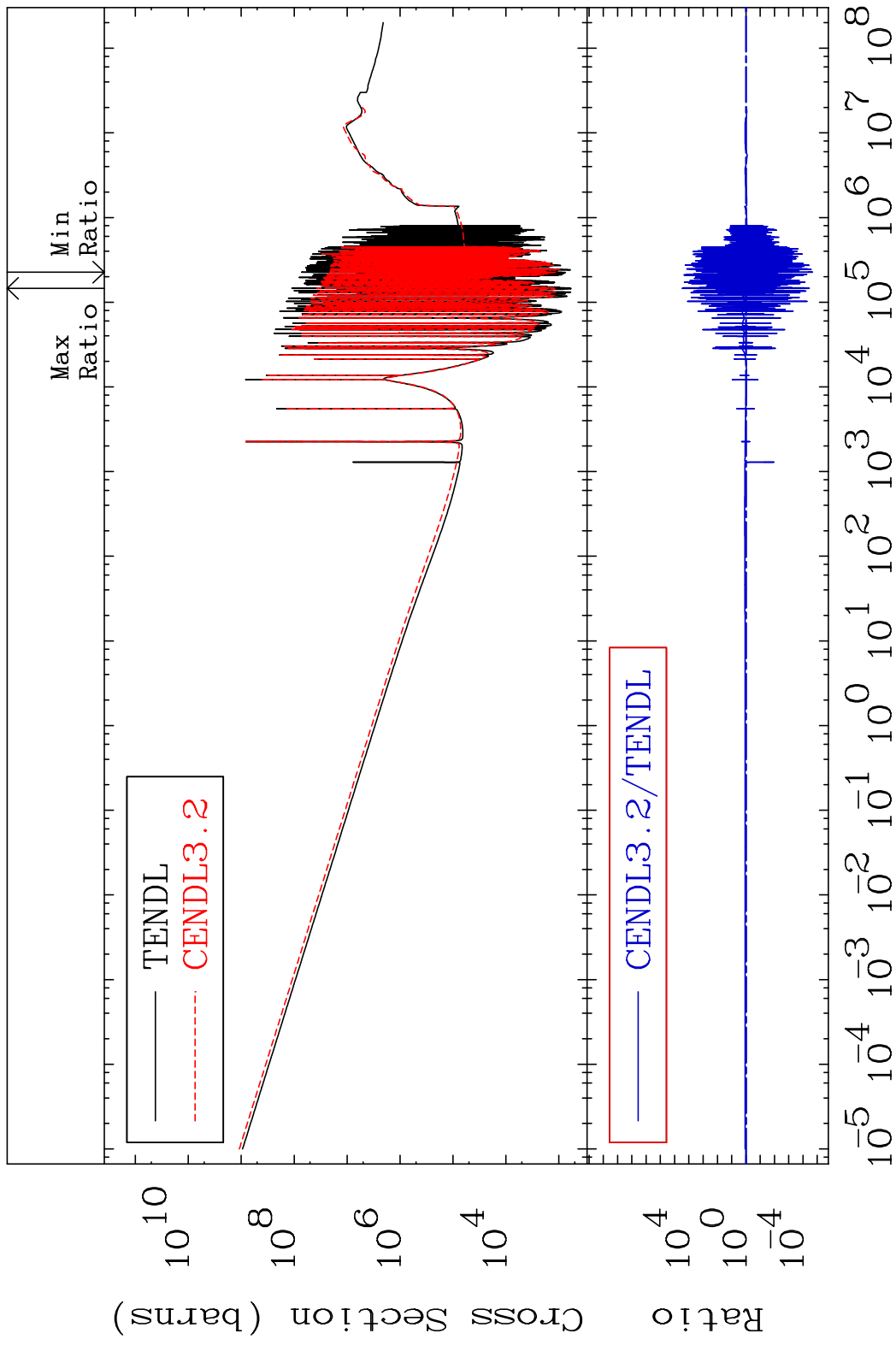


MAT 2831 Kerma capture (mt102) 28-Ni-60
 Cross Section -99.90 To 9999. %



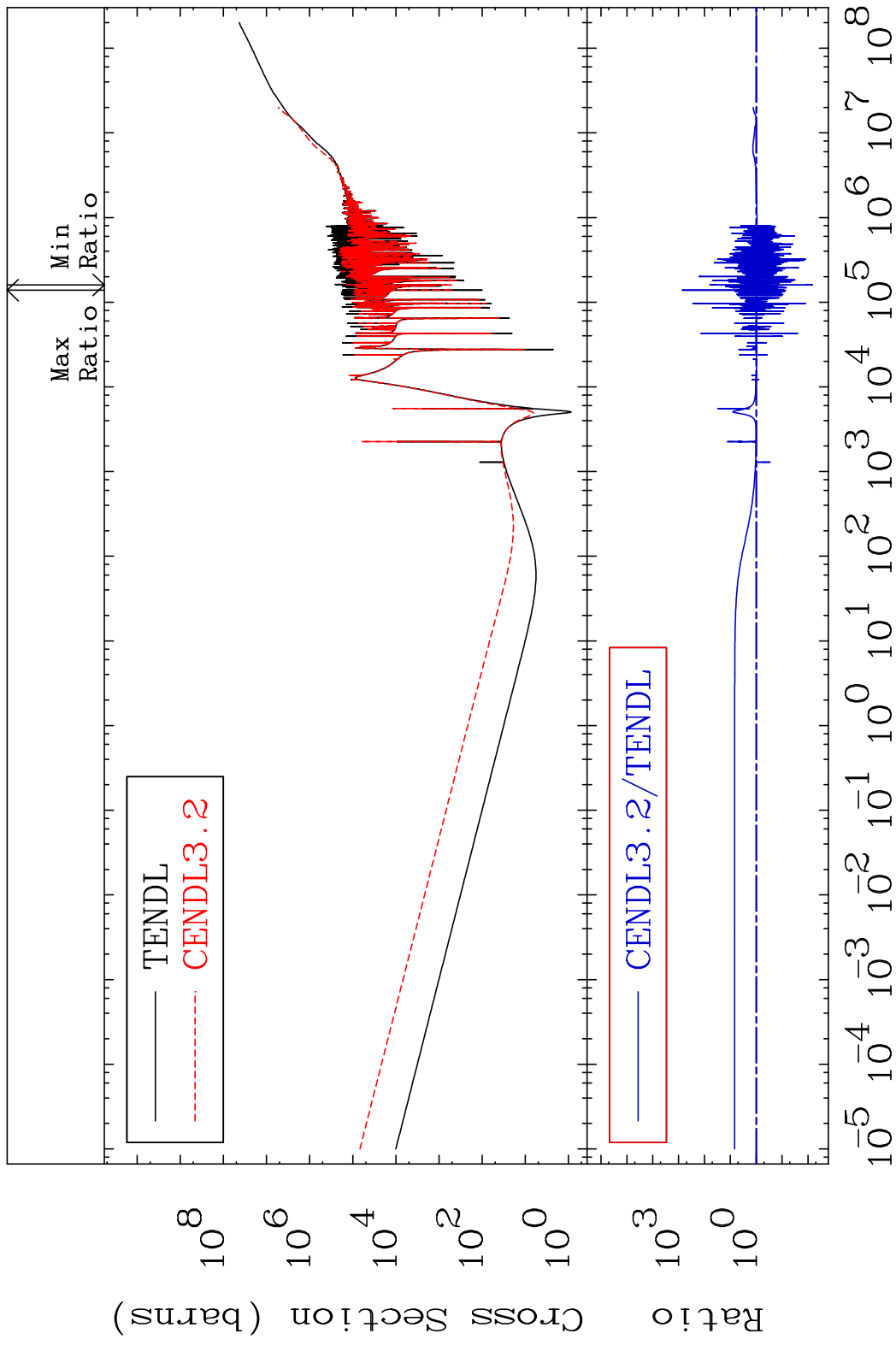
44 Incident Energy (eV) 28-Ni-60

MAT 2831 Total photon (eV-barns) 28-Ni-60
Cross Section -100.0 To 9999. %

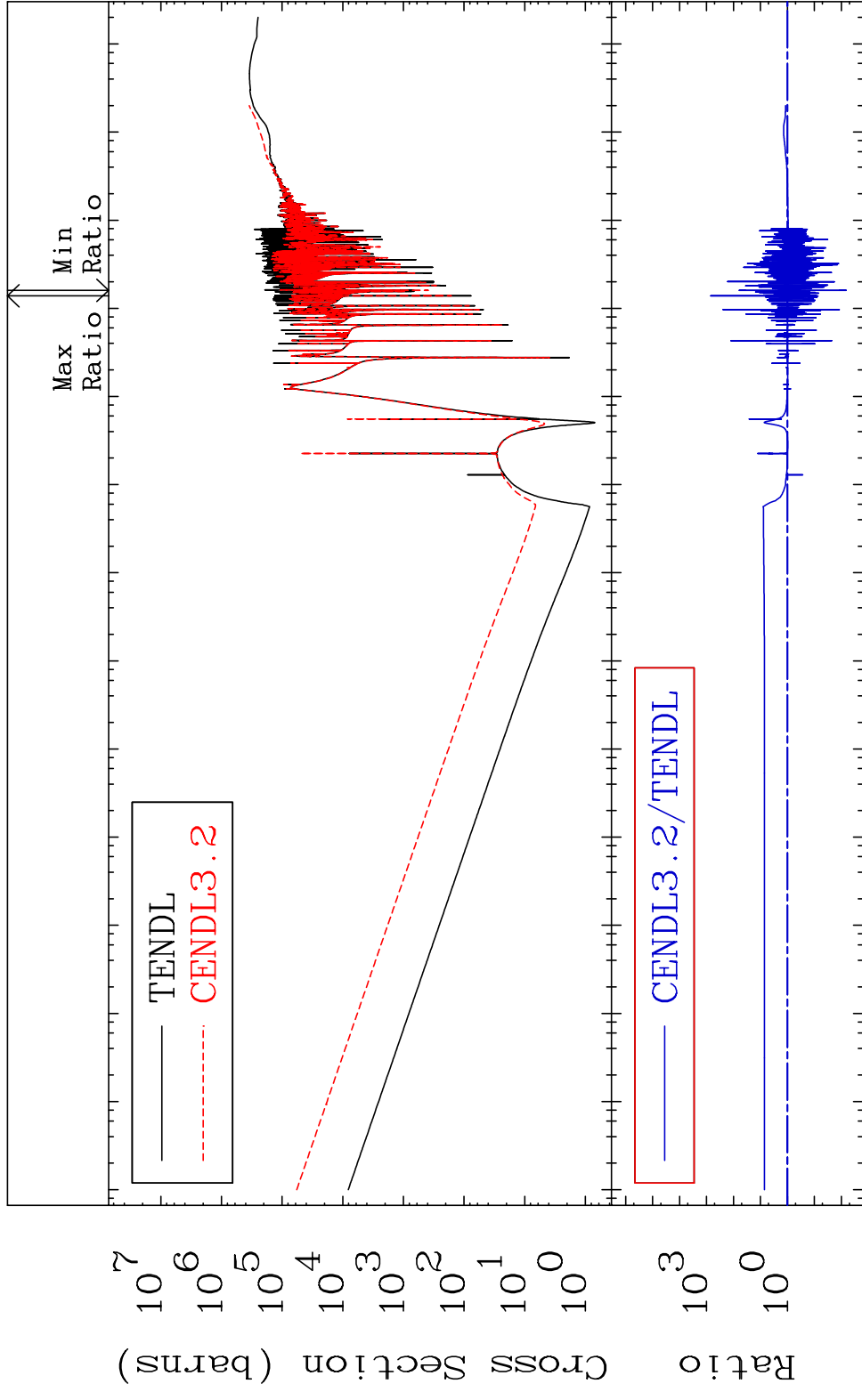


45 Incident Energy (eV) 28-Ni-60

MAT 2831 Total kinematic kerma (high limit) 28-Ni-60
Cross Section -99.34 To 9999. %



MAT 2831 Dpa total (eV-barns) 28-Ni-60
 Cross Section -99.35 To 9999. %



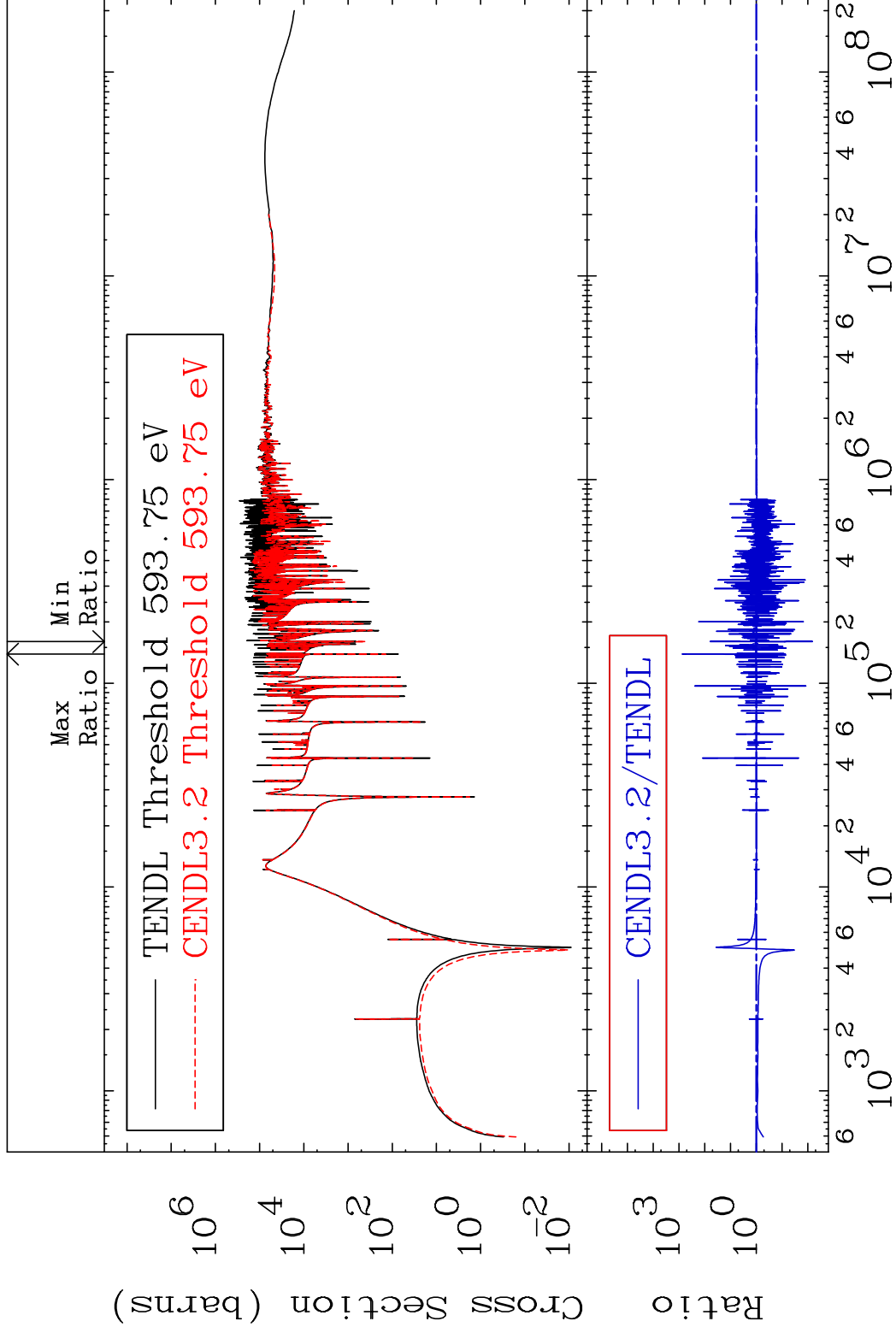
47 Incident Energy (eV) 28-Ni-60

MAT 2831

Dpa elastic (mt2)

28-Ni-60

Cross Section -99.35 To 9999. %

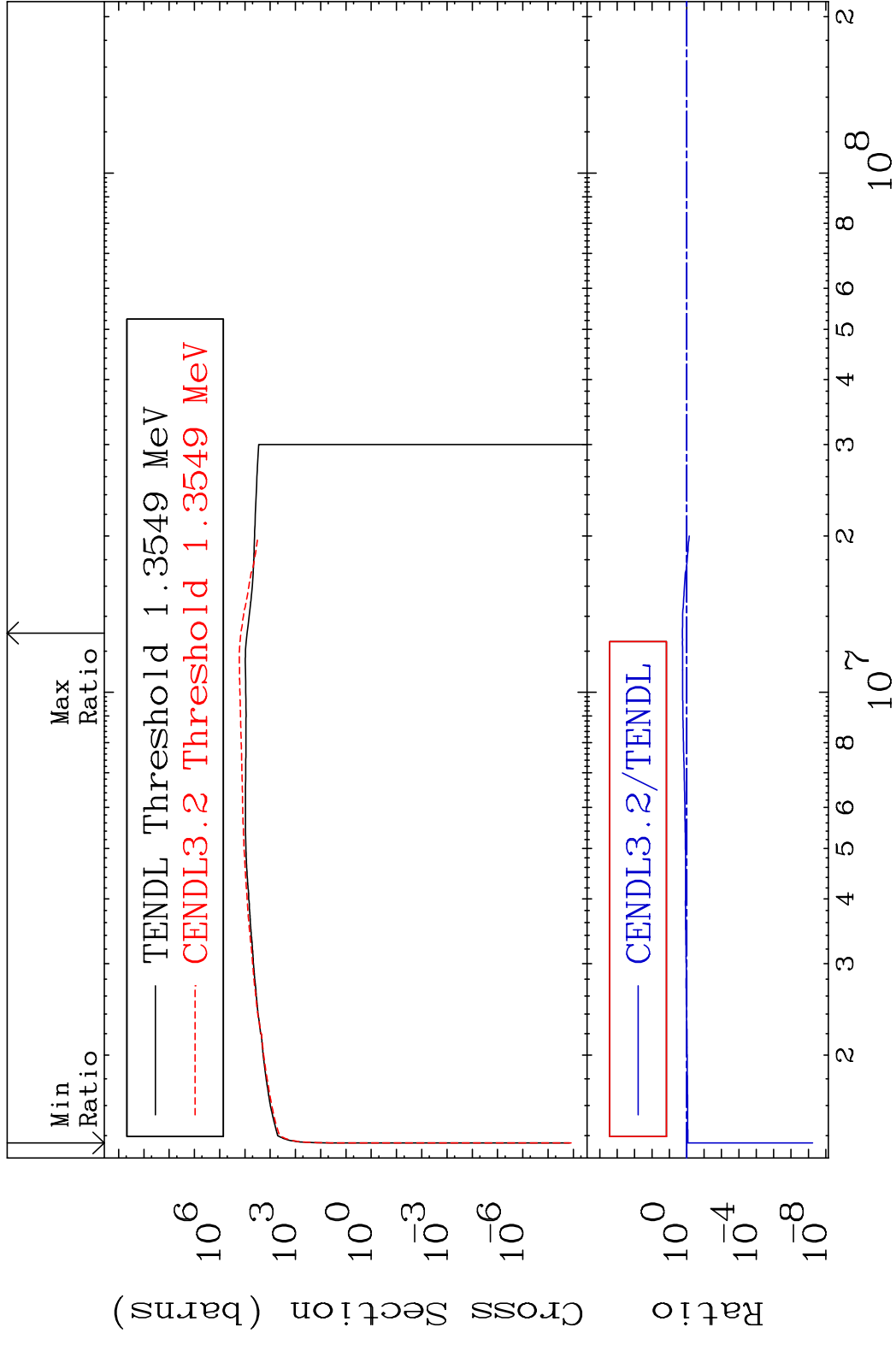


48

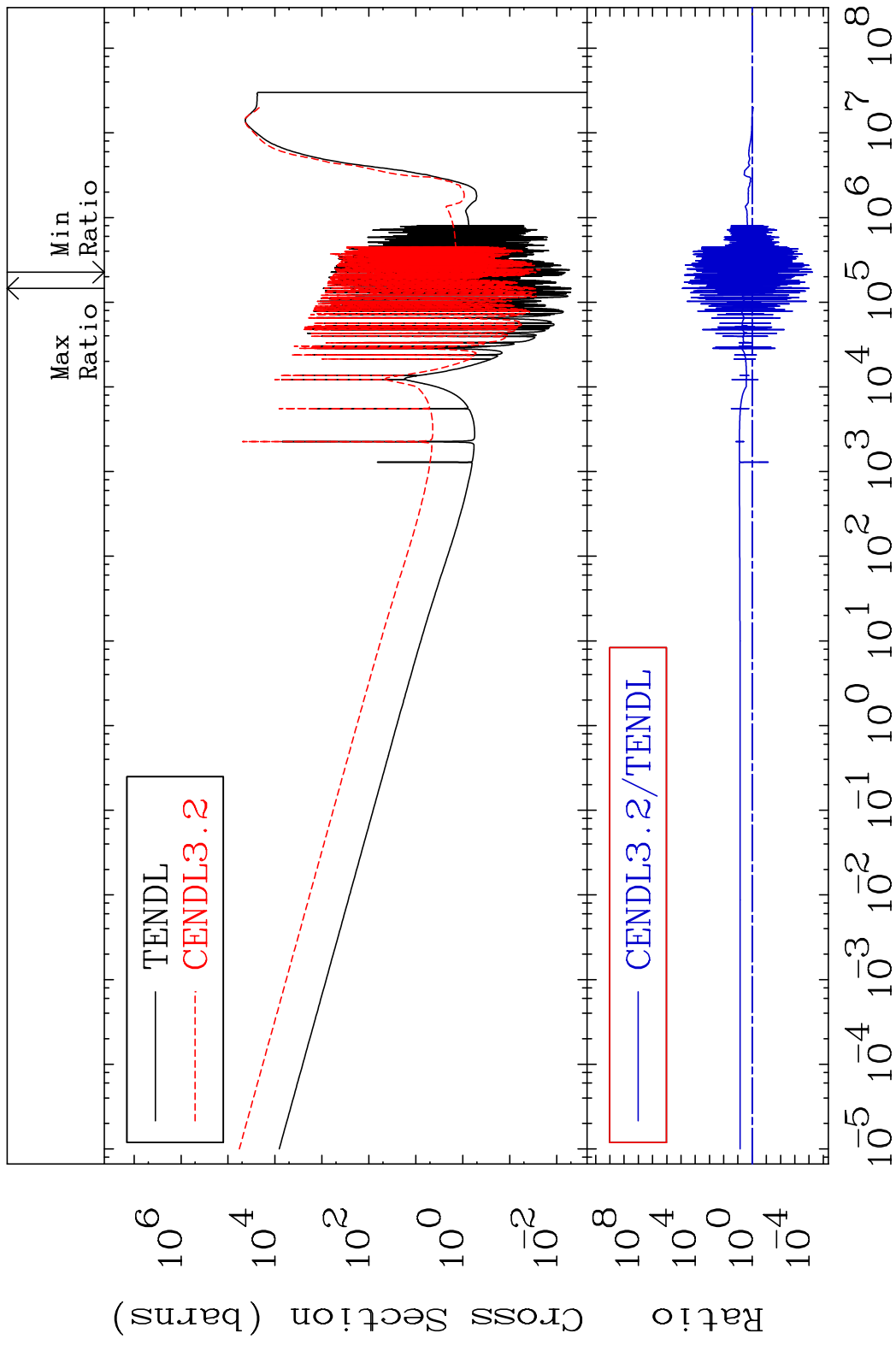
Incident Energy (eV)

28-Ni-60

MAT 2831 Dpa inelastic (mt51-91) ²⁸Ni-60
 Cross Section -100.0 To 78.17 %

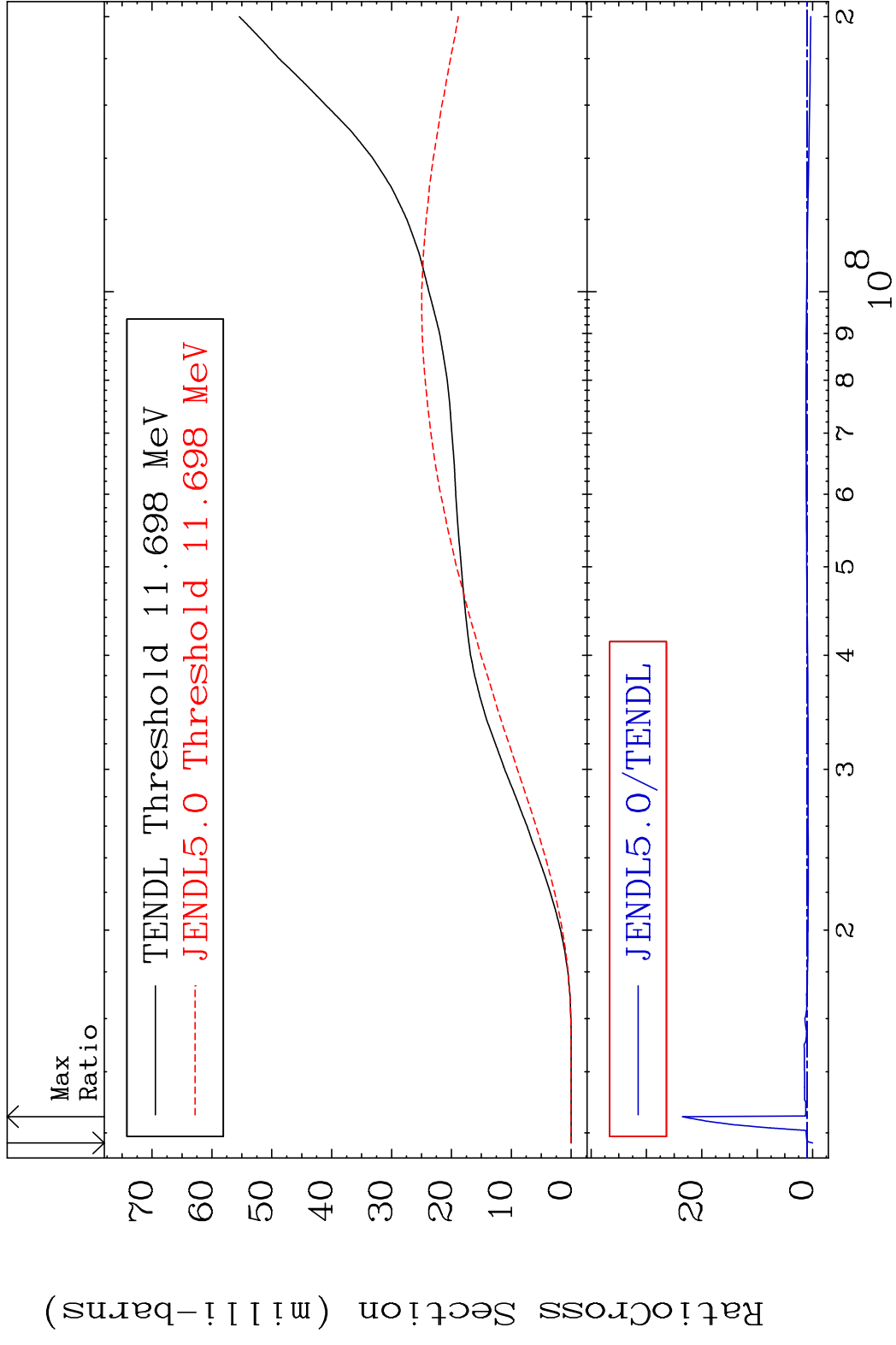


MAT 2831 Dpa disappearance (mt102 -120) 28-Ni-60
 Cross Section -99.99 To 9999. %

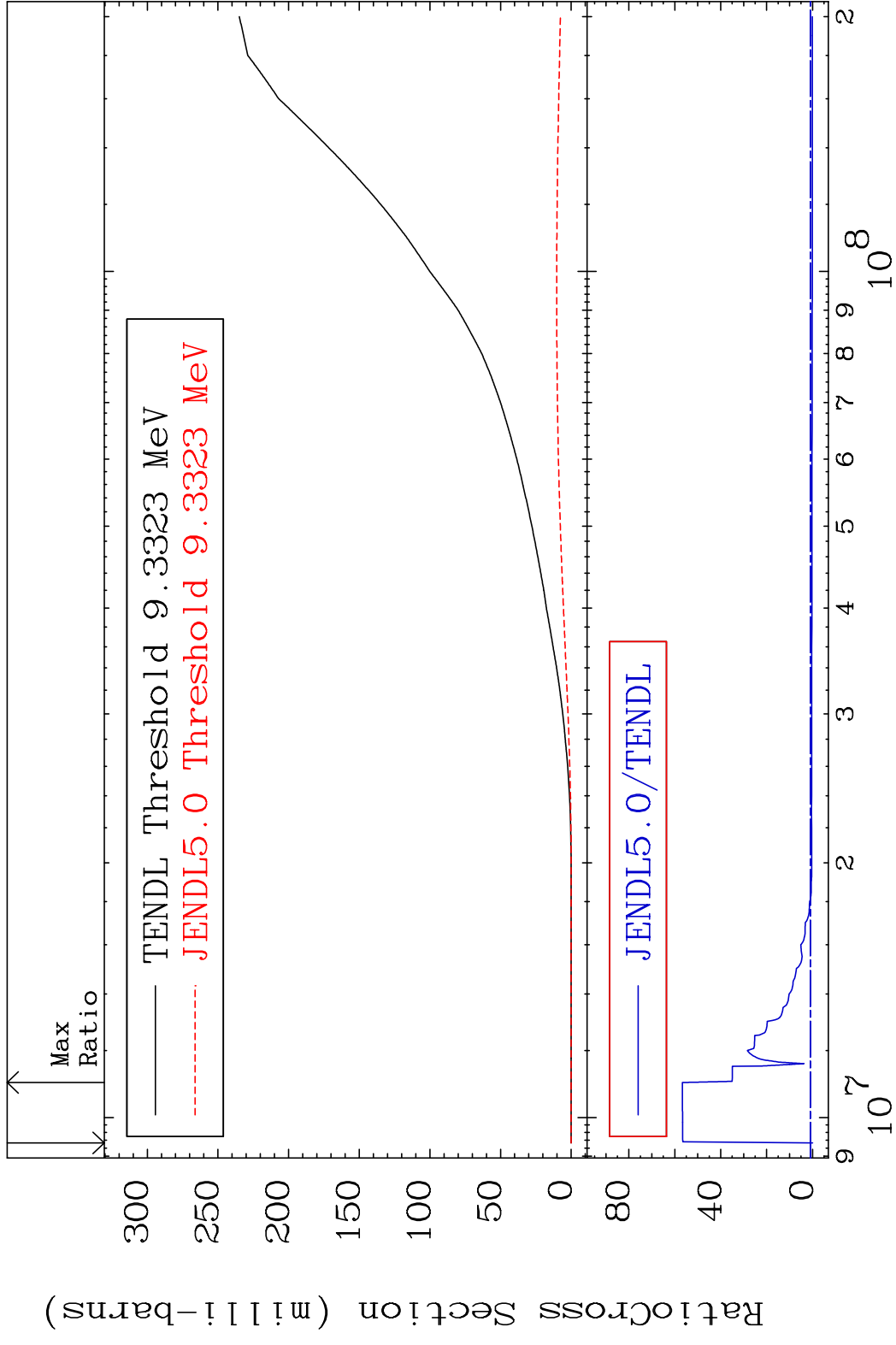


50 Incident Energy (eV) 28-Ni-60

MAT 2831 Tritium Production 28-Ni-60
 Cross Section -100.0 To 2251. %



MAT 2831 He-3 Production 28-Ni-60
 Cross Section -100.0 To 5572. %



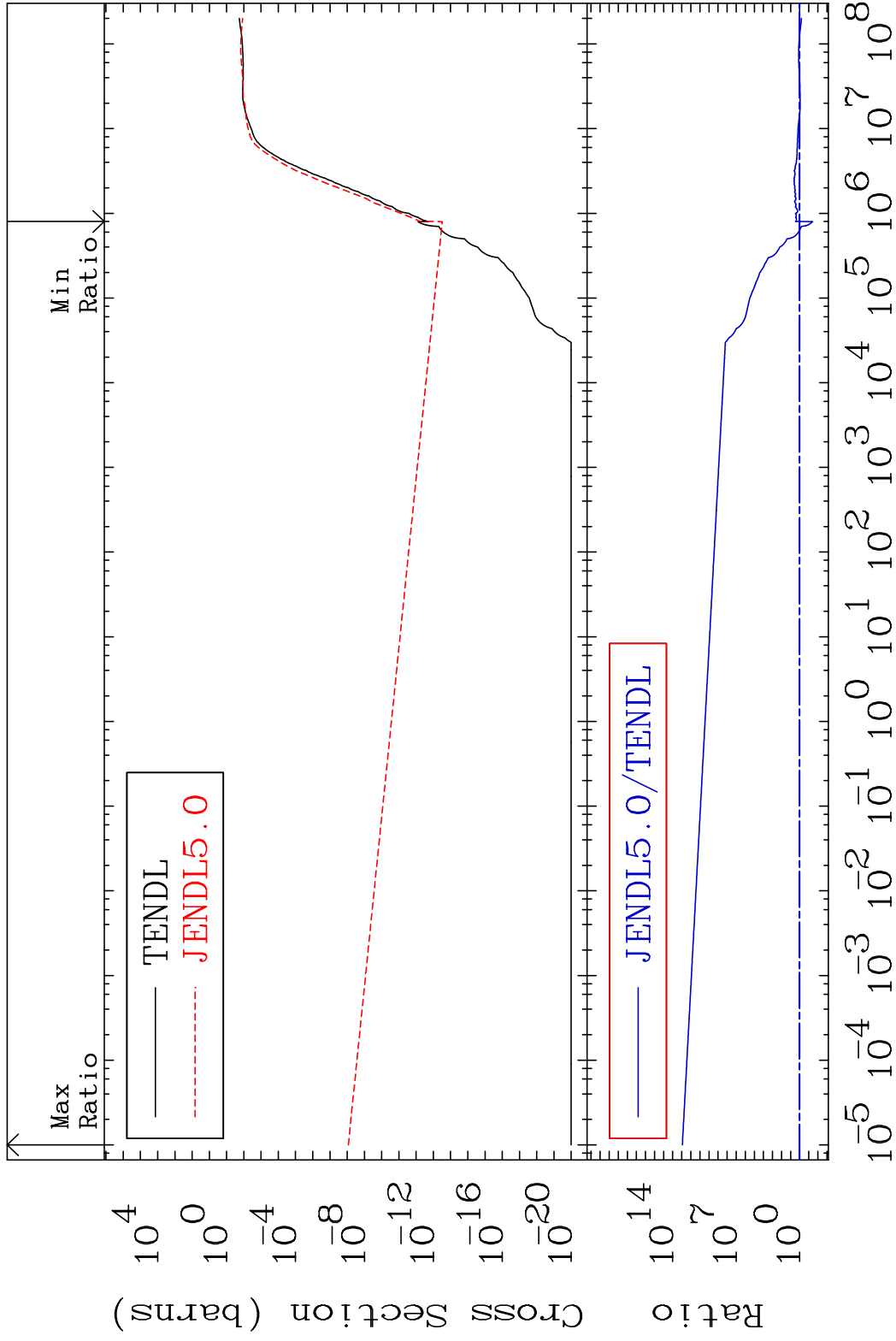
52 Incident Energy (eV) 28-Ni-60

MAT 2831

He-4 Production

28-Ni-60

Cross Section -96.16 To 9999. %

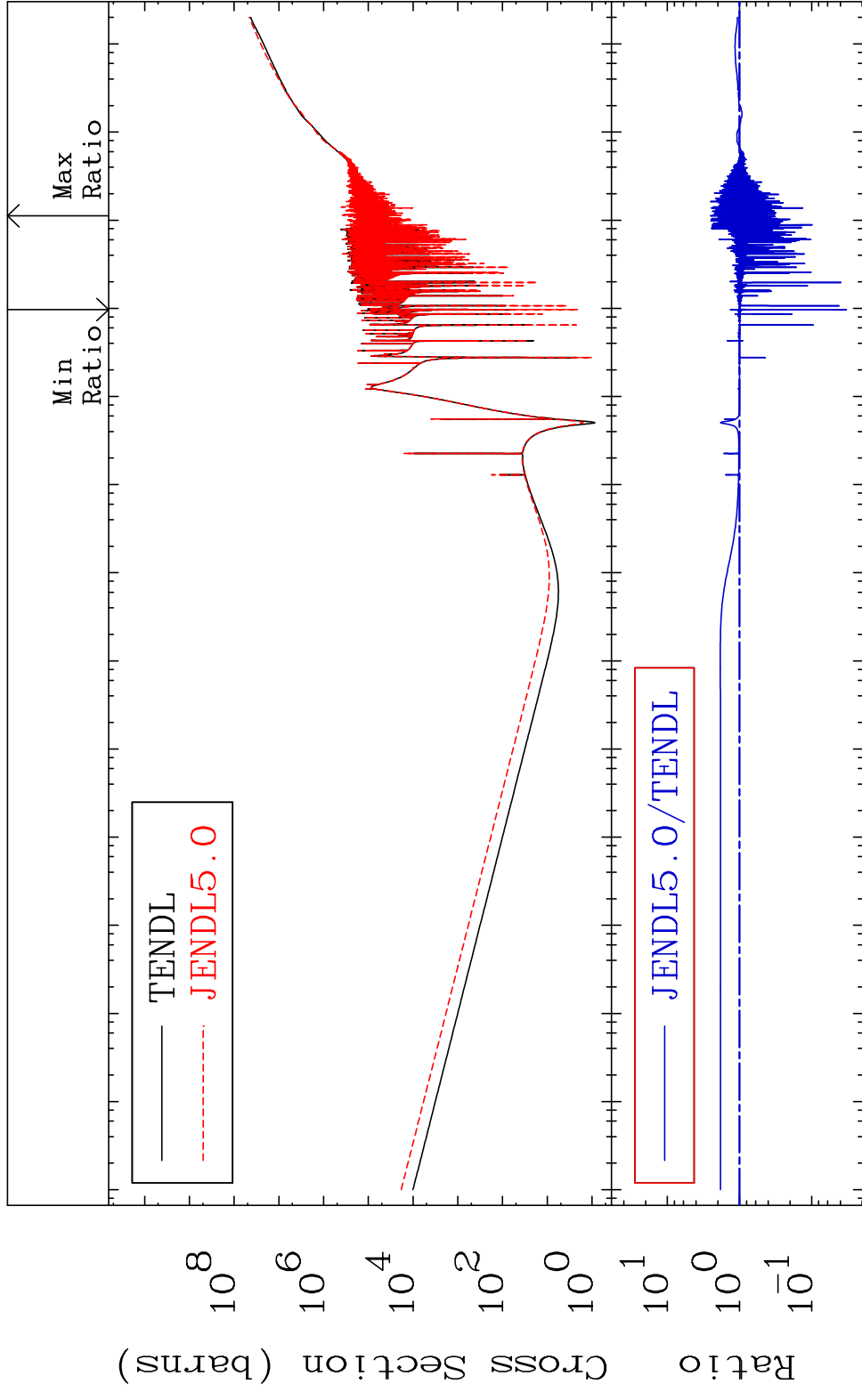


53

Incident Energy (eV)

28-Ni-60

MAT 2831 Kerma total (eV-barns) 28-Ni-60
 Cross Section -96.69 To 150.7 %

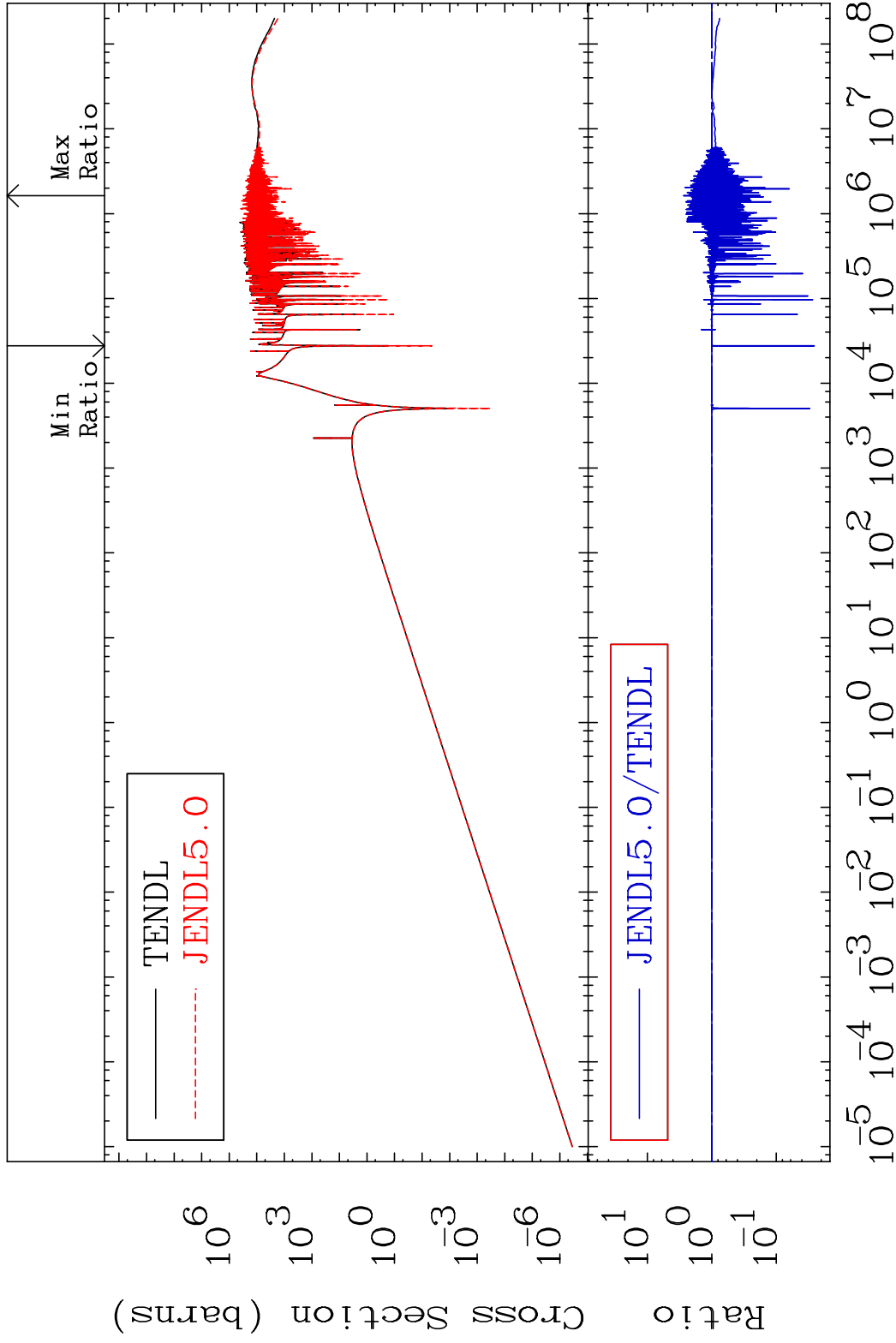


MAT 2831

Kerma elastic

28-Ni-60

Cross Section -97.42 To 173.7 %

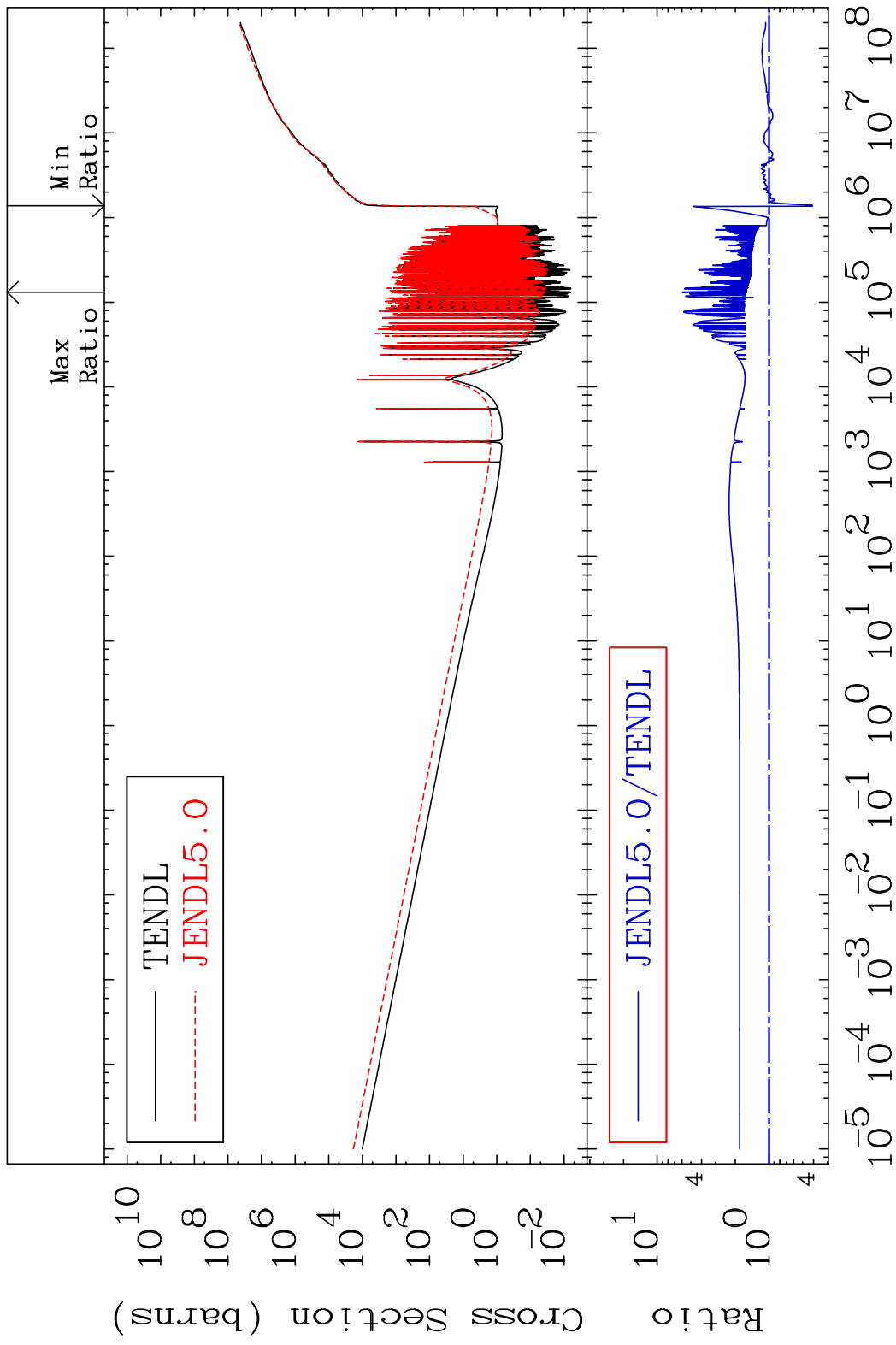


55

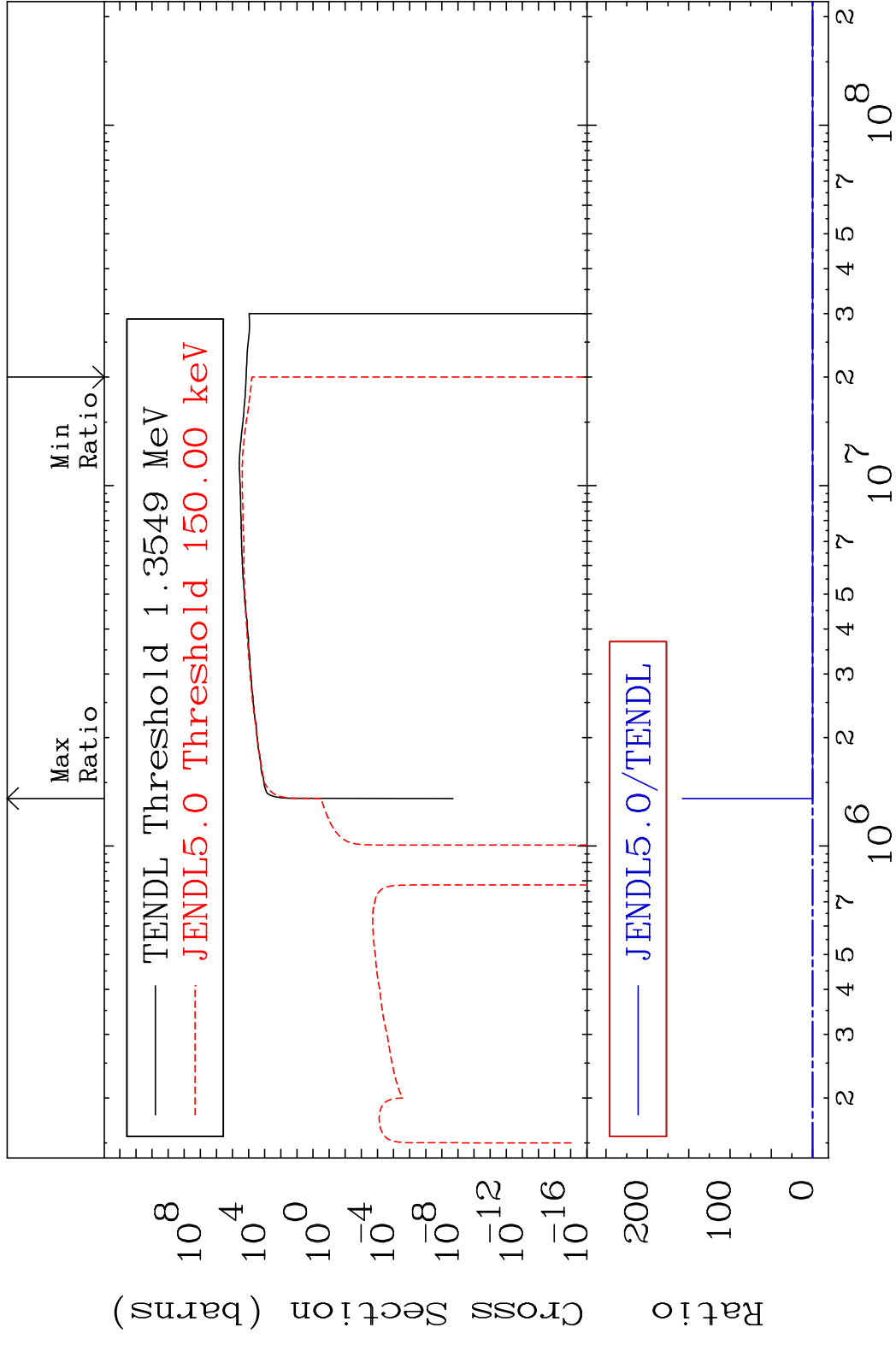
Incident Energy (eV)

28-Ni-60

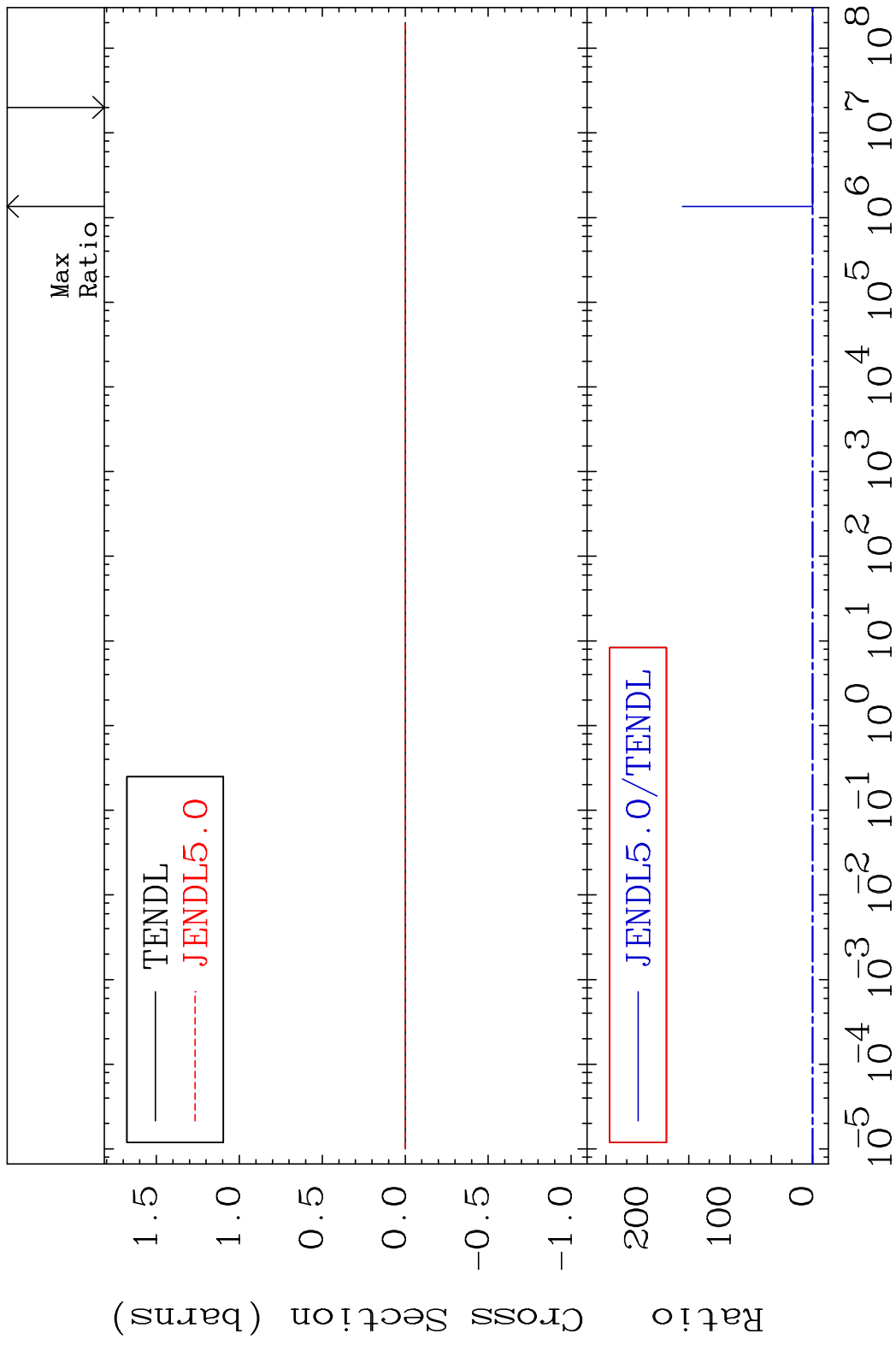
MAT 2831 Kerma non-elastic (all but mt2) 28-Ni-60
 Cross Section -59.24 To 495.2 %



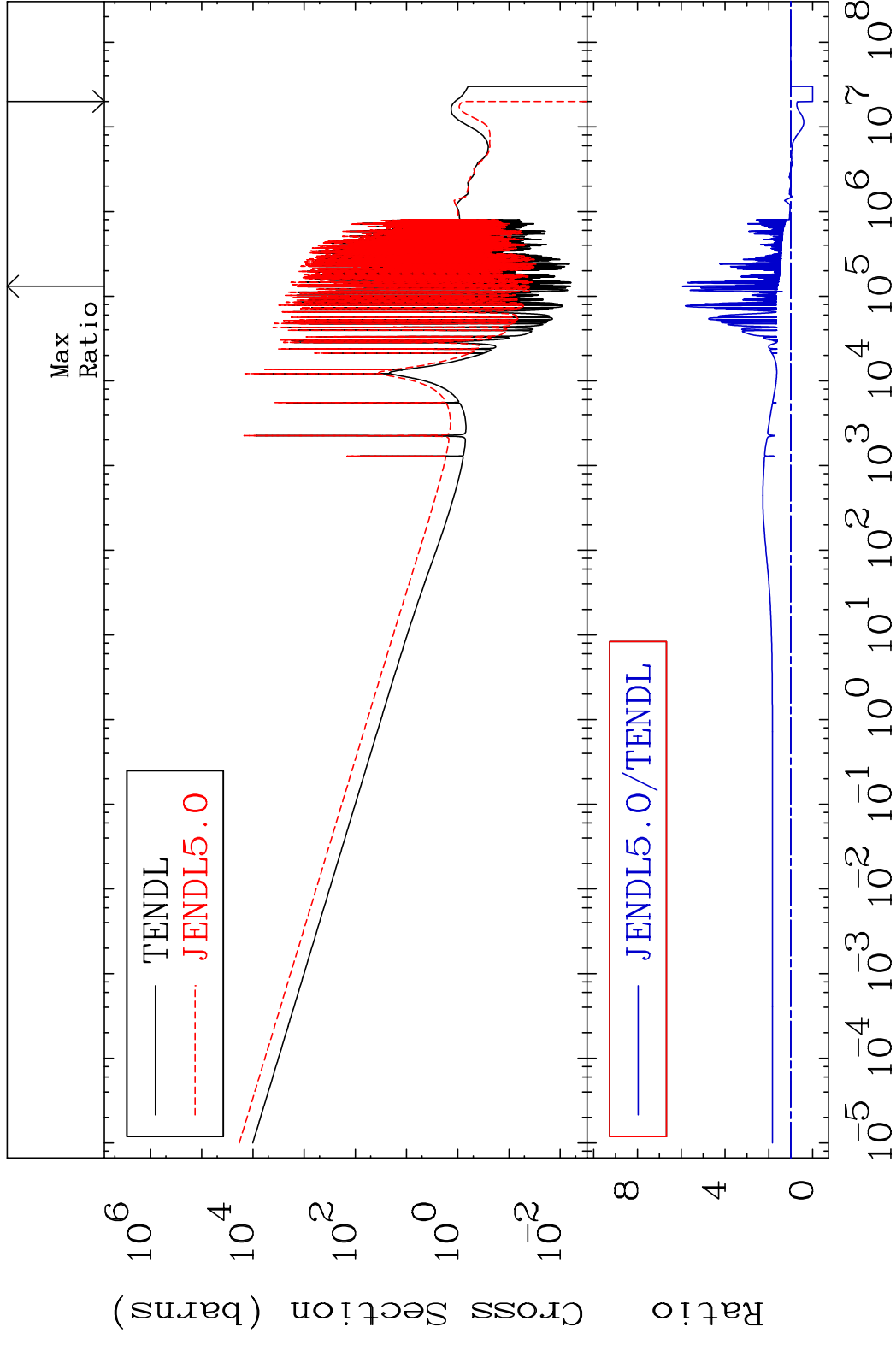
MAT 2831 Kerma inelastic (mt51-91) 28-Ni-60
 Cross Section -100.0 To 9999. %



MAT 2831 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-60
 Cross Section -100.0 To 9999. %

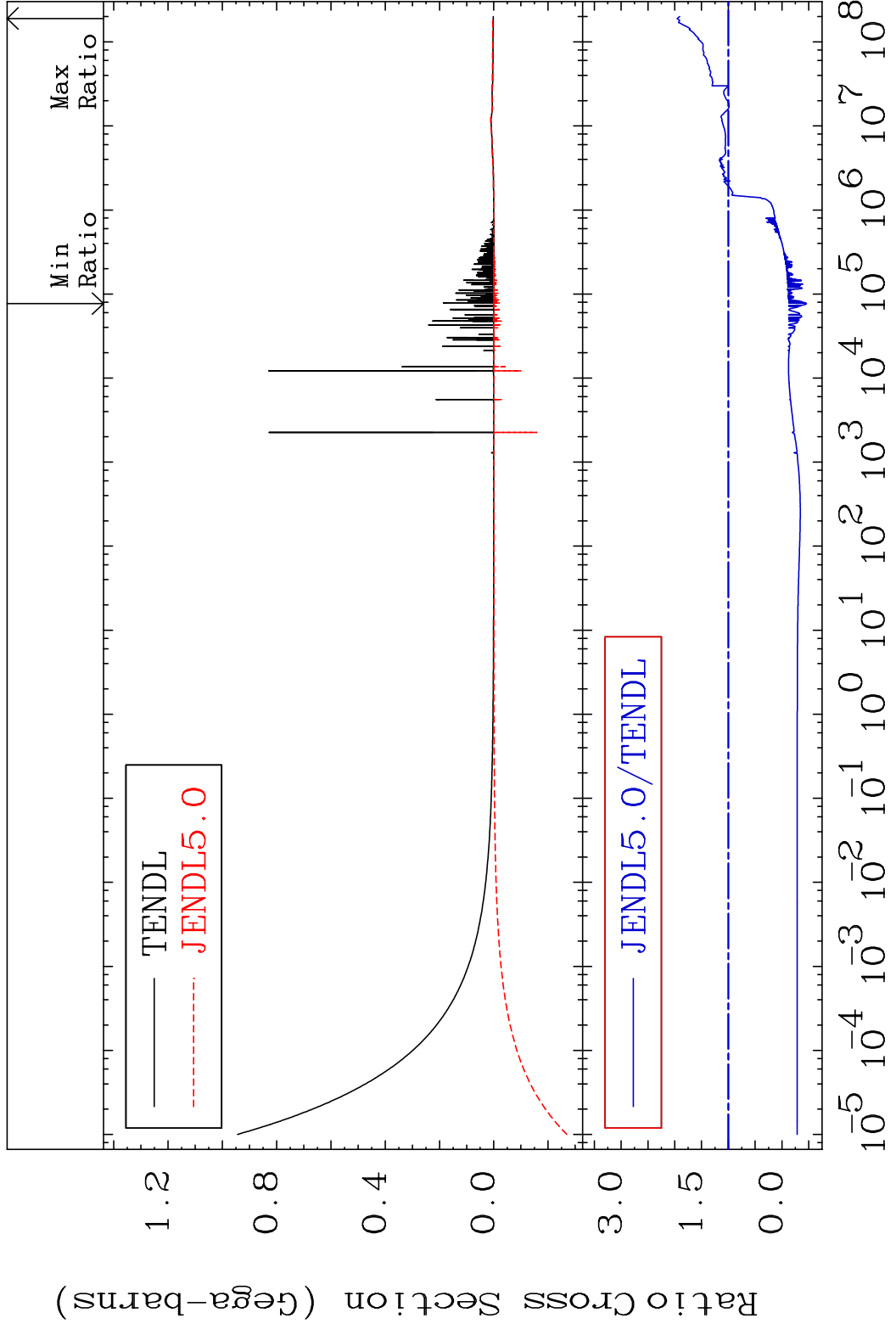


MAT 2831 Kerma capture (mt102) 28-Ni-60
 Cross Section -100.0 To 495.2 %



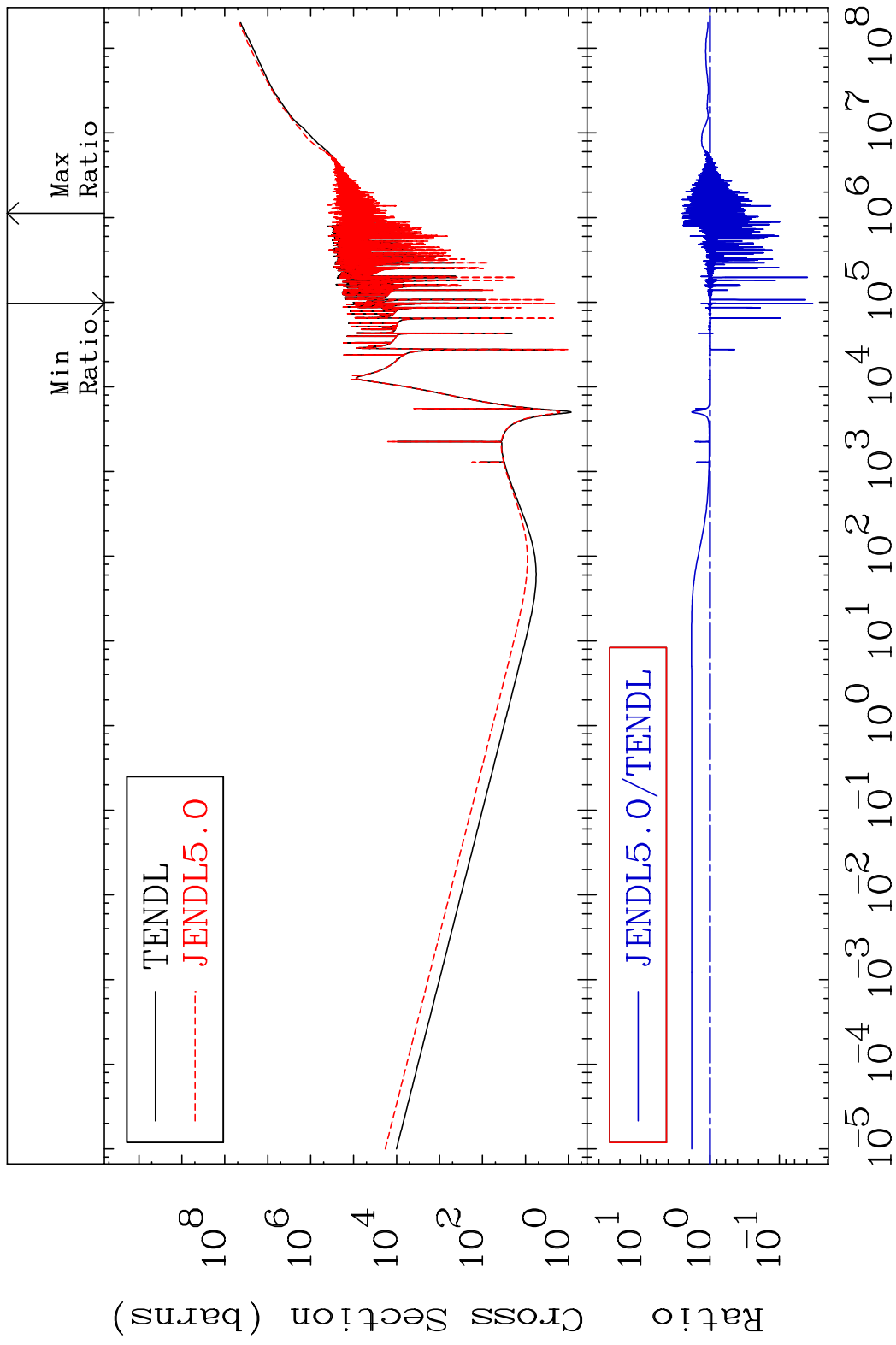
59 Incident Energy (eV) 28-Ni-60

MAT 2831 Total photon (eV-barns) 28-Ni-60
 Cross Section -145.6 To 95.41 %

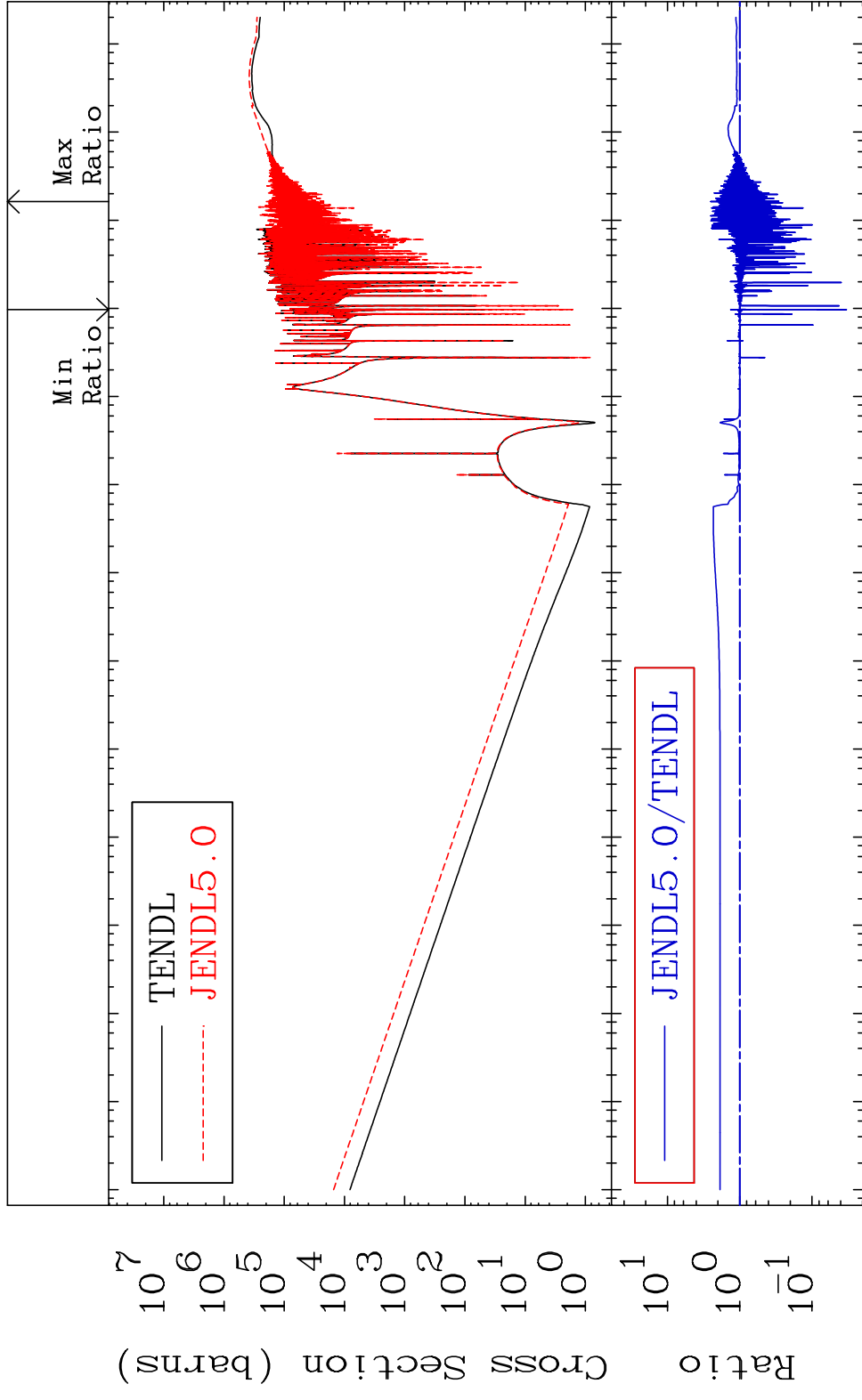


60 28-Ni-60

MAT 2831 Total kinematic kerma (high limit) 28-Ni-60
Cross Section -96.69 To 150.7 %



MAT 2831 Dpa total (eV-barns) 28-Ni-60
 Cross Section -96.65 To 152.1 %



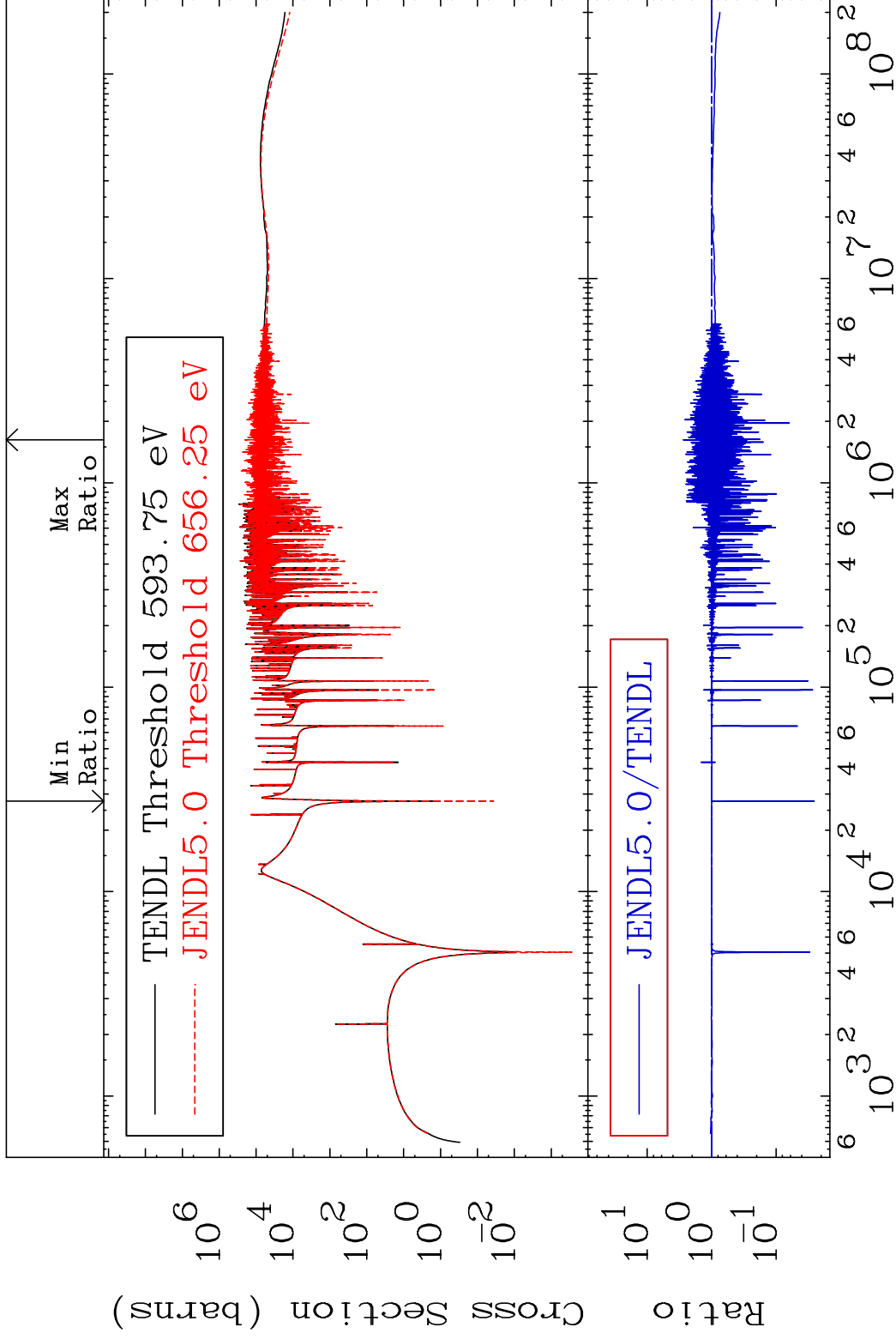
62 Incident Energy (eV) 28-Ni-60

MAT 2831

Dpa elastic (mt2)

28-Ni-60

Cross Section -97.42 To 174.1 %

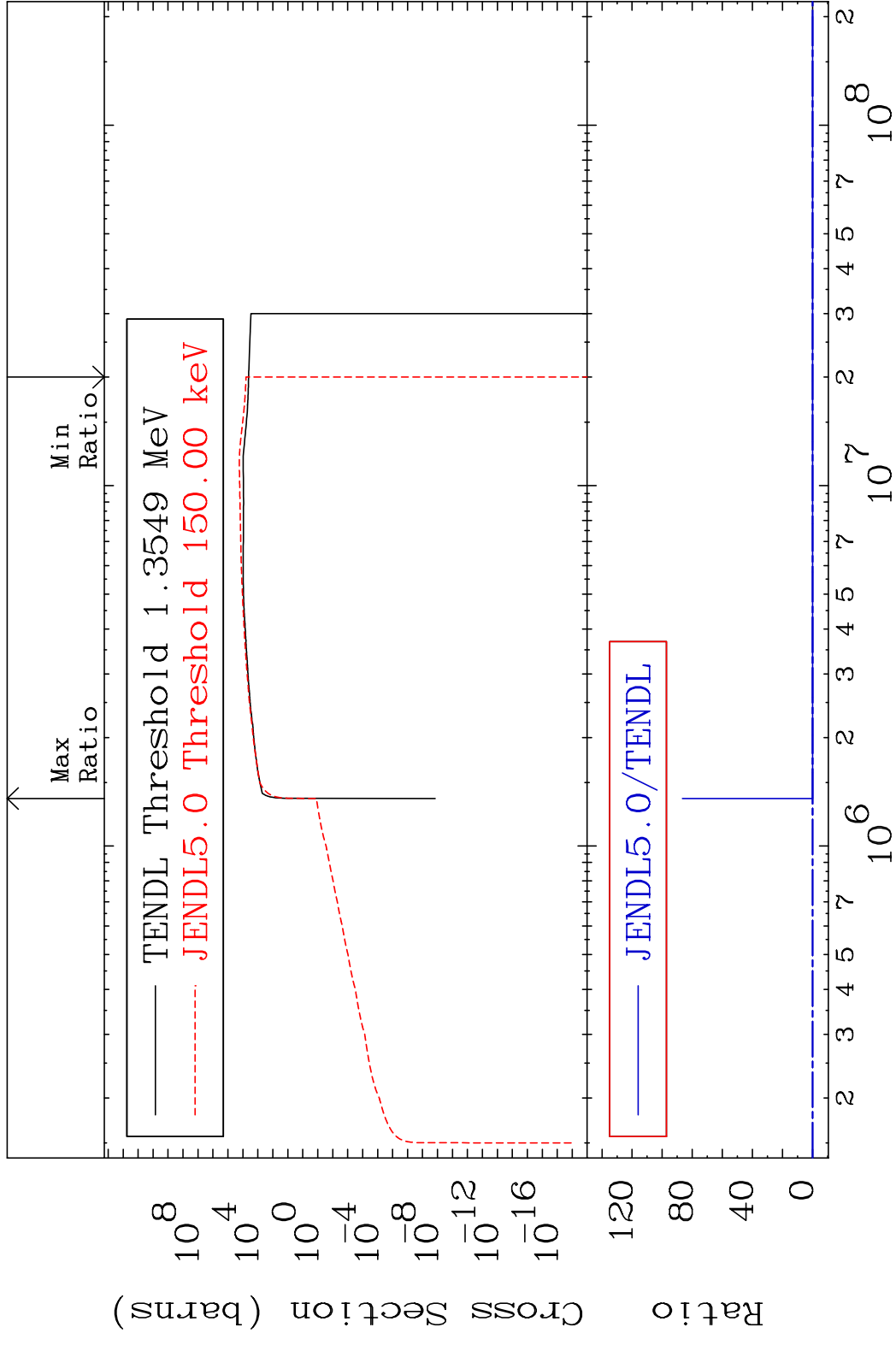


63

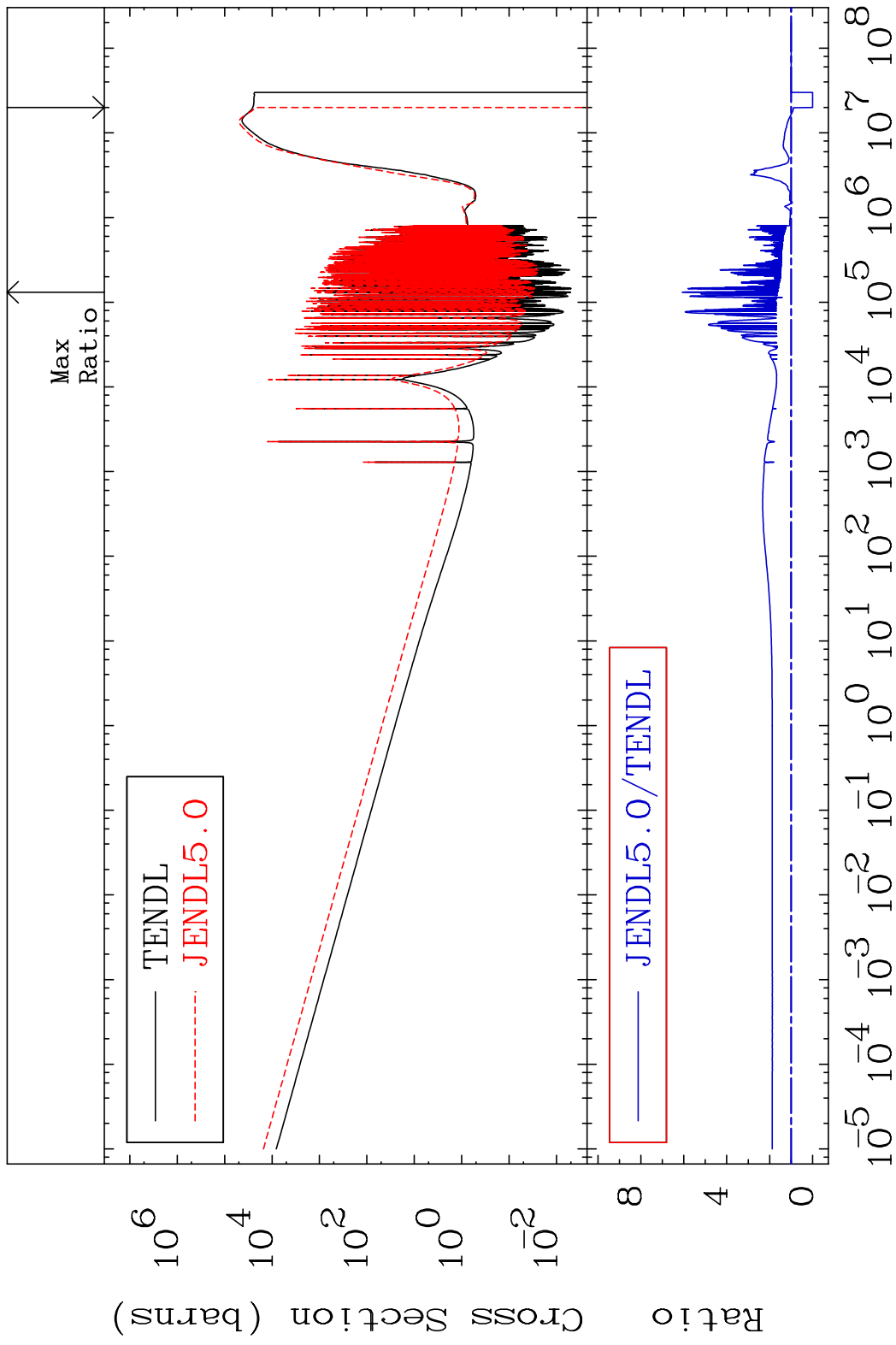
Incident Energy (eV)

28-Ni-60

MAT 2831 Dpa inelastic (mt51-91) 28-Ni-60
 Cross Section -100.0 To 9999. %

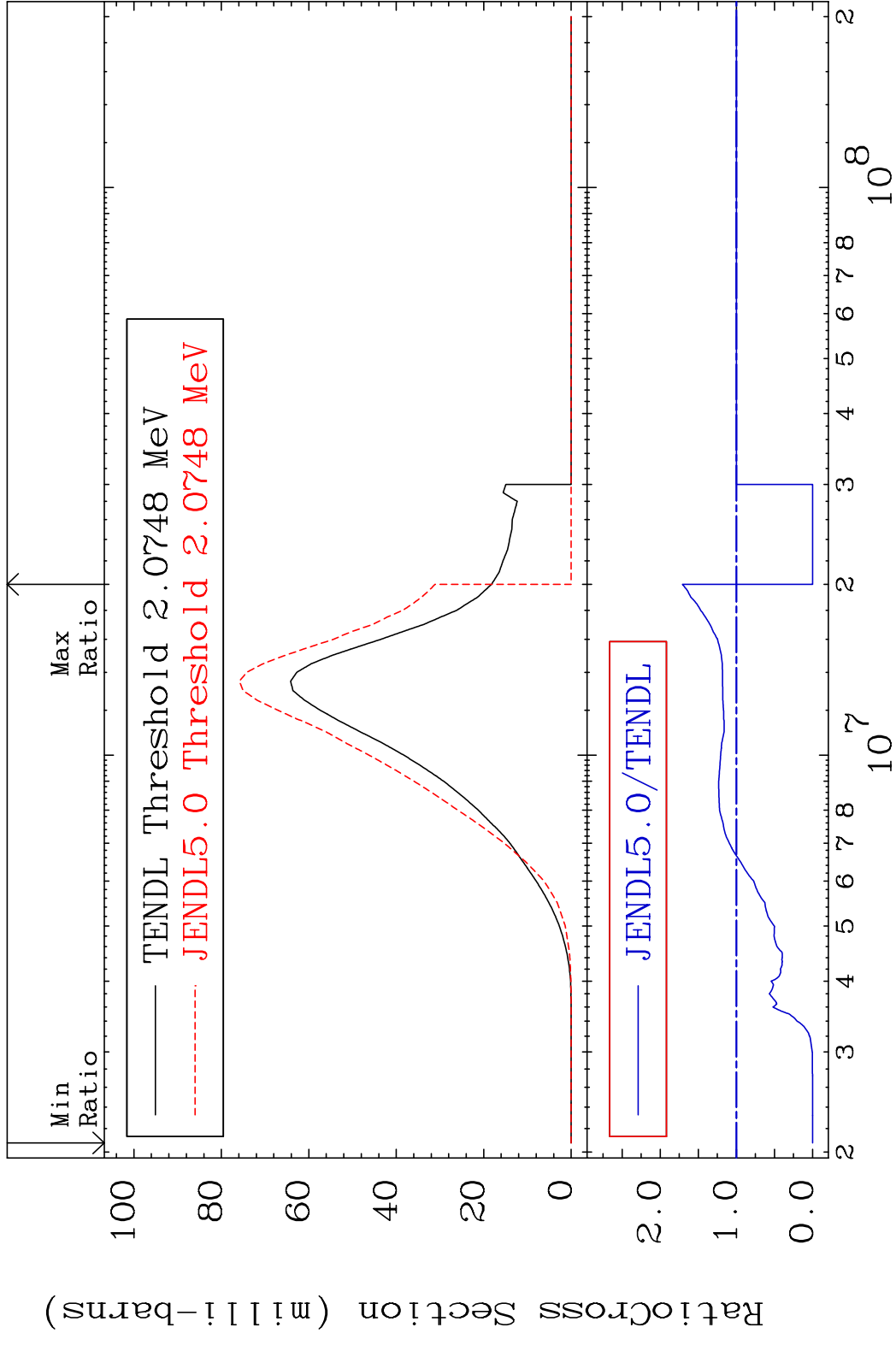


MAT 2831 Dpa disappearance (mt102 -120) 28-Ni-60
 Cross Section -100.0 To 506.9 %

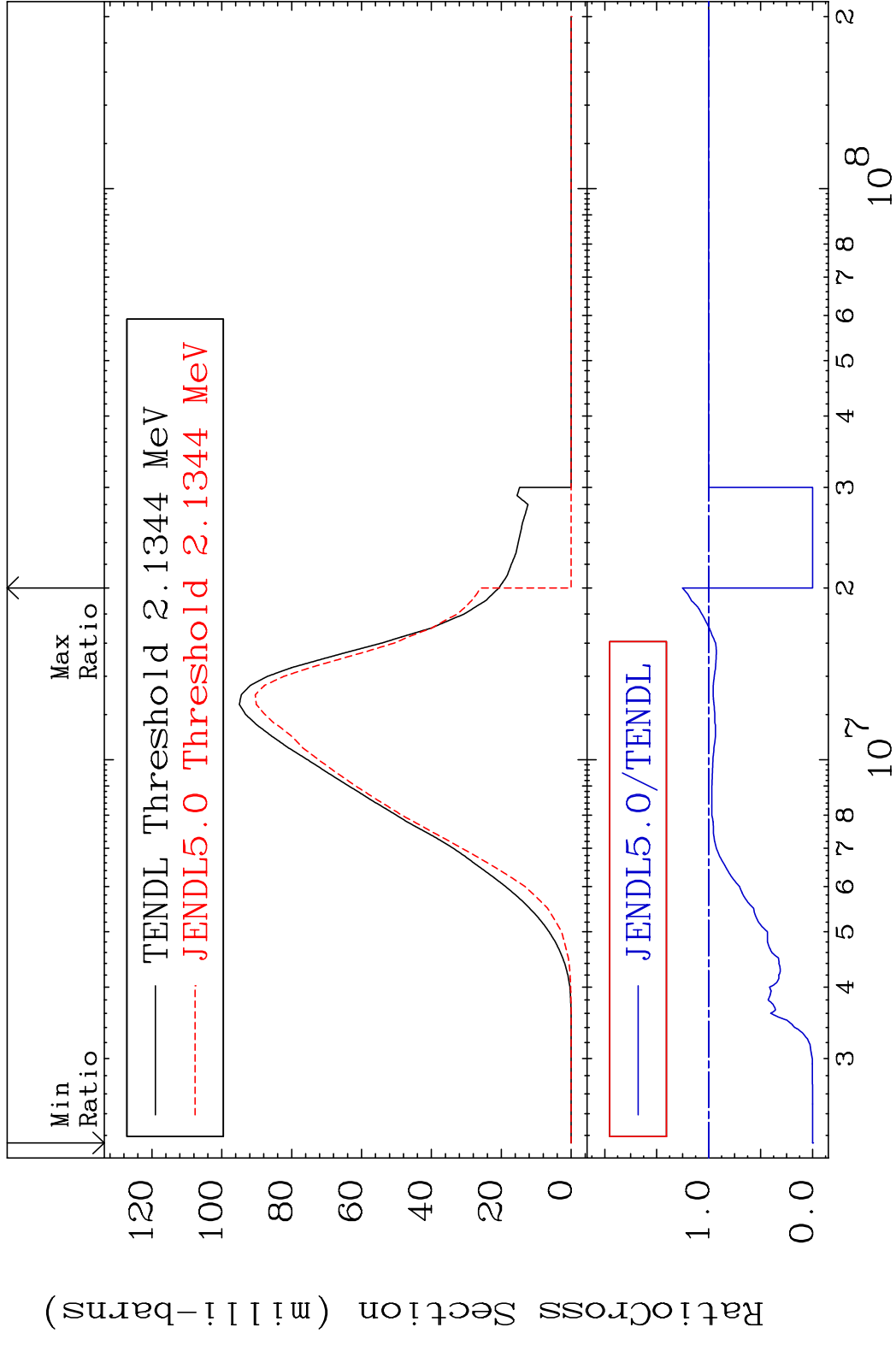


65 Incident Energy (eV) 28-Ni-60

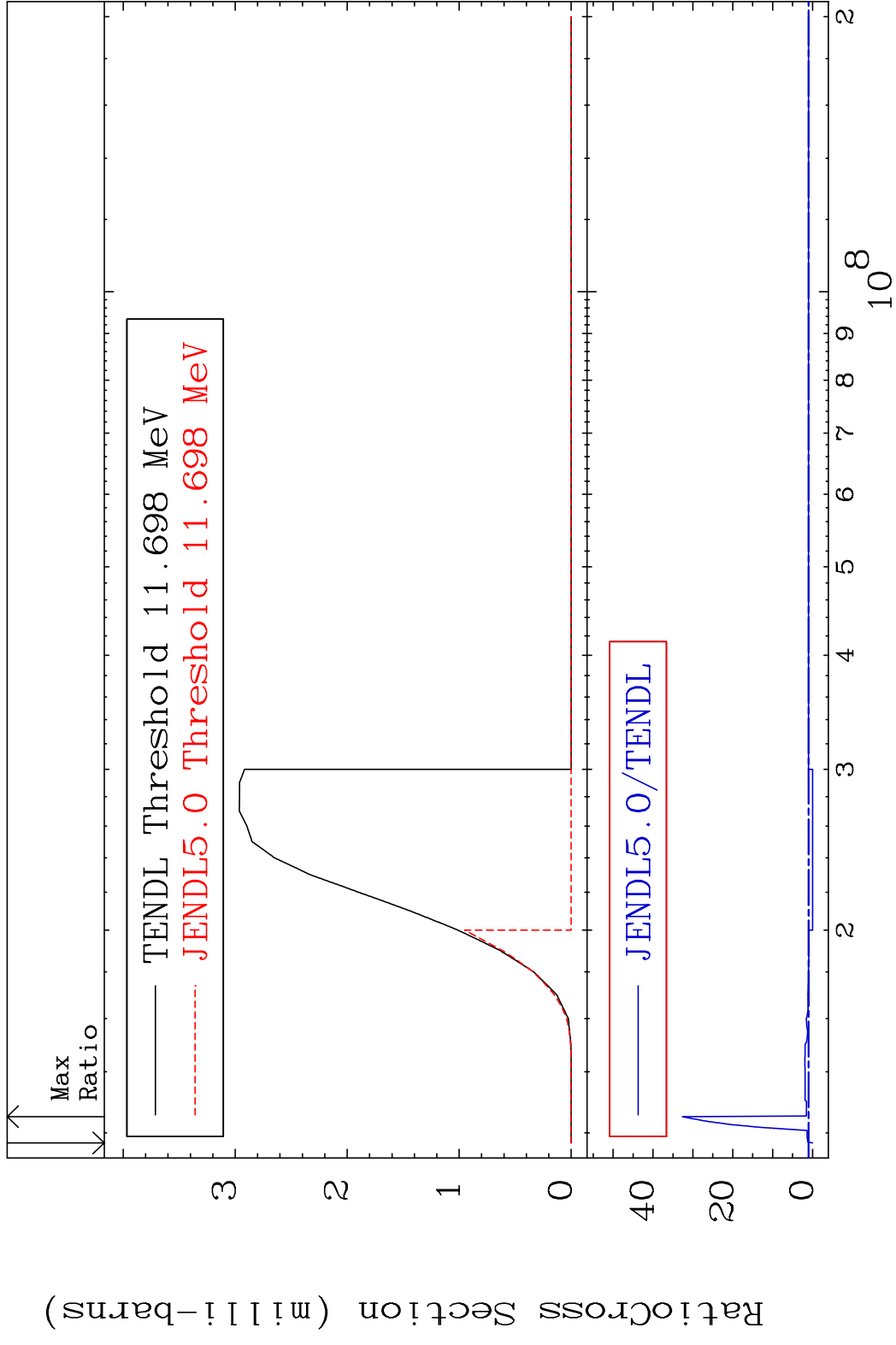
MAT 2831 (n, p): 27-Co-60g 28-Ni-60
 Radionuclide Production Cross Section Ratio 70.96 %



MAT 2831 (n,p):27-Co-60m1 28-Ni-60
 Radionuclide Production Cross Section 180.01 dth 25.31 %



MAT 2831 (n, t):27-Co-58g 28-Ni-60
 Radionuclide Production Cross Section 180.0 dth 3164. %



MAT 2831 (n,t):27-Co-58m1 28-Ni-60
 Radionuclide Production Cross Section 100.00 dth 997.8 %

