

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

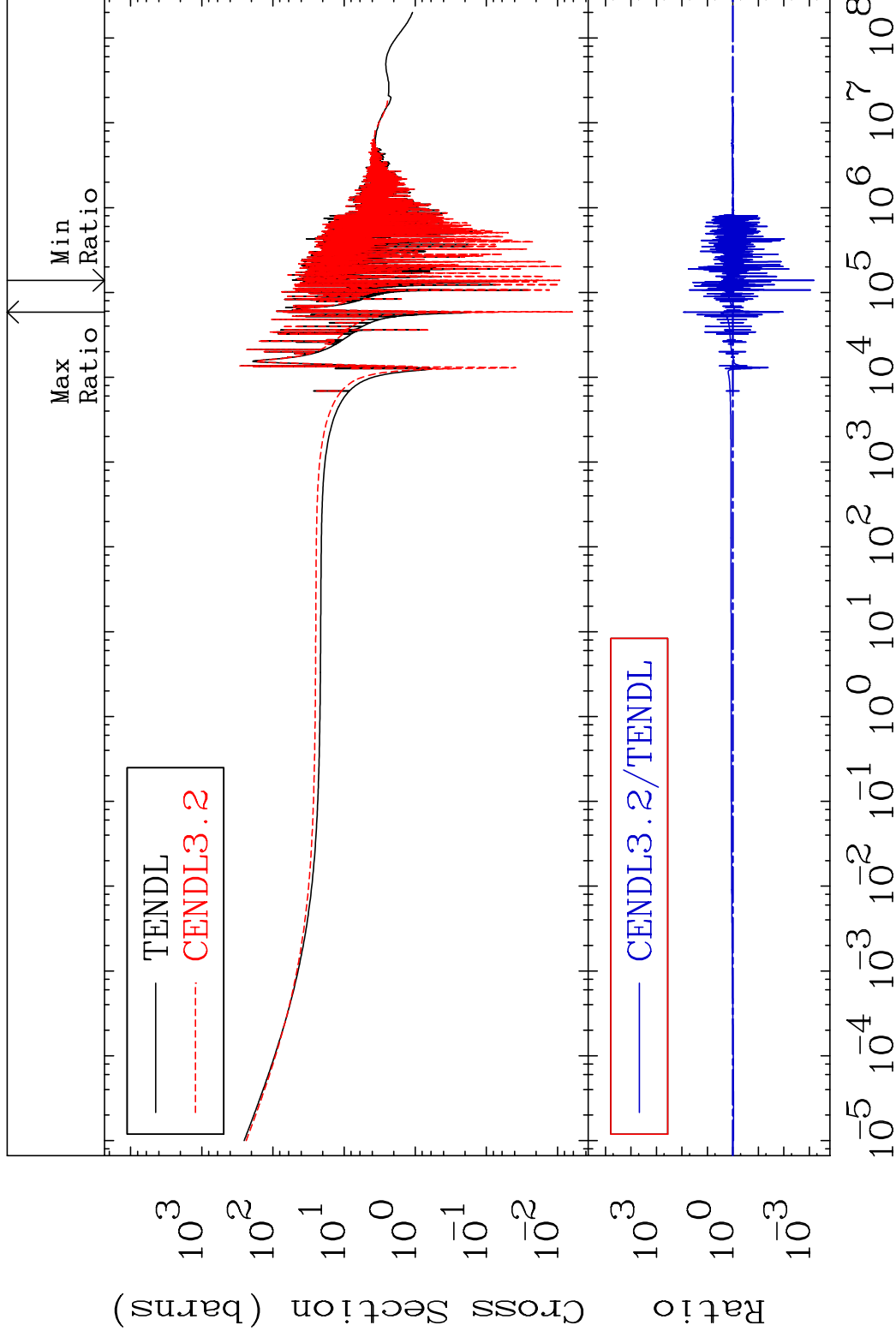
MAT 2825

Total

28-Ni-58

Cross Section

-99.94 To 8458. %



1

Incident Energy (eV)

28-Ni-58

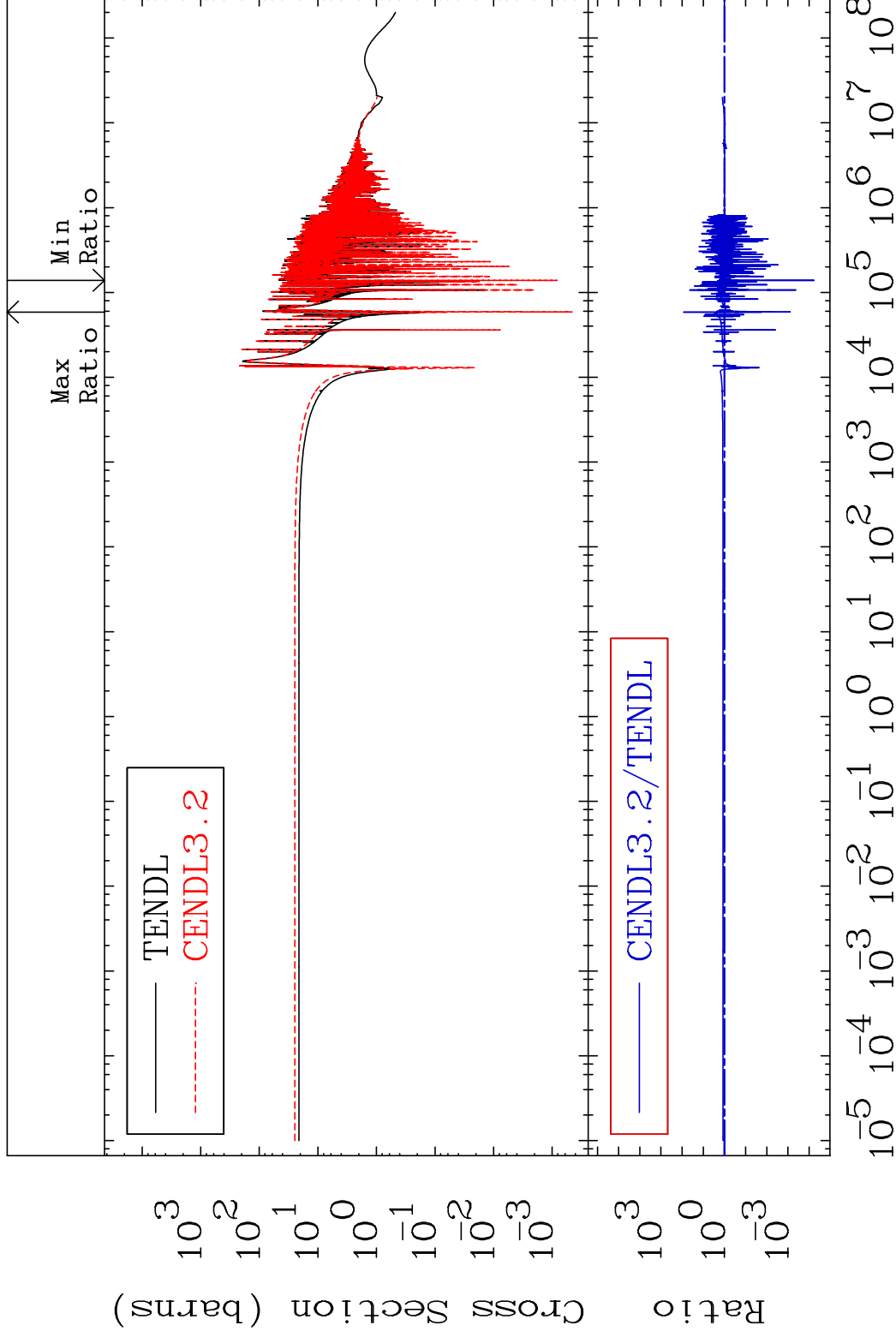
MAT 2825

Elastic

28-Ni-58

Cross Section

-99.99 To 8359. %

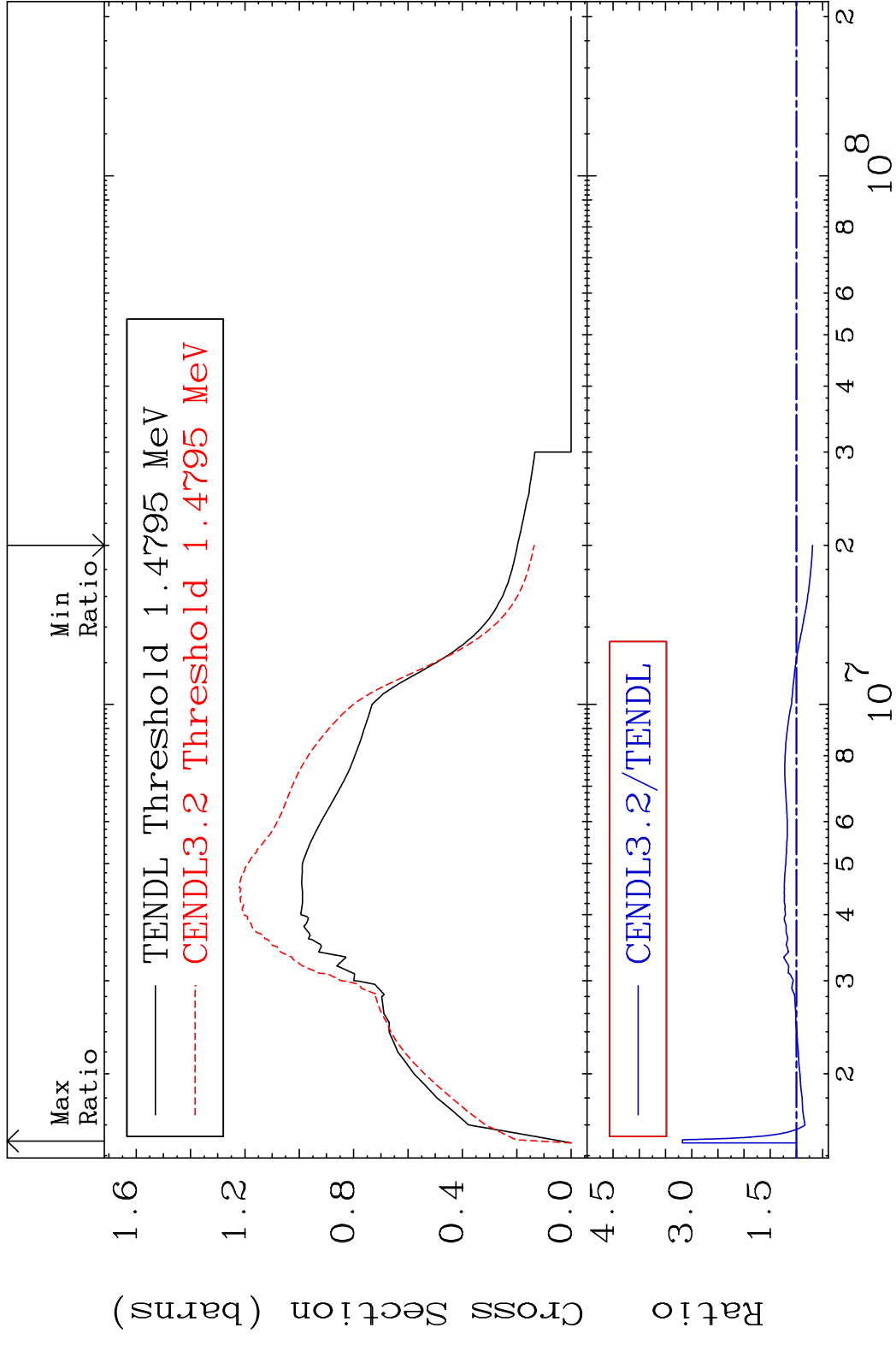


2

Incident Energy (eV)

28-Ni-58

MAT 2825 Inelastic 28-Ni-58
 Cross Section -30.84 To 217.8 %

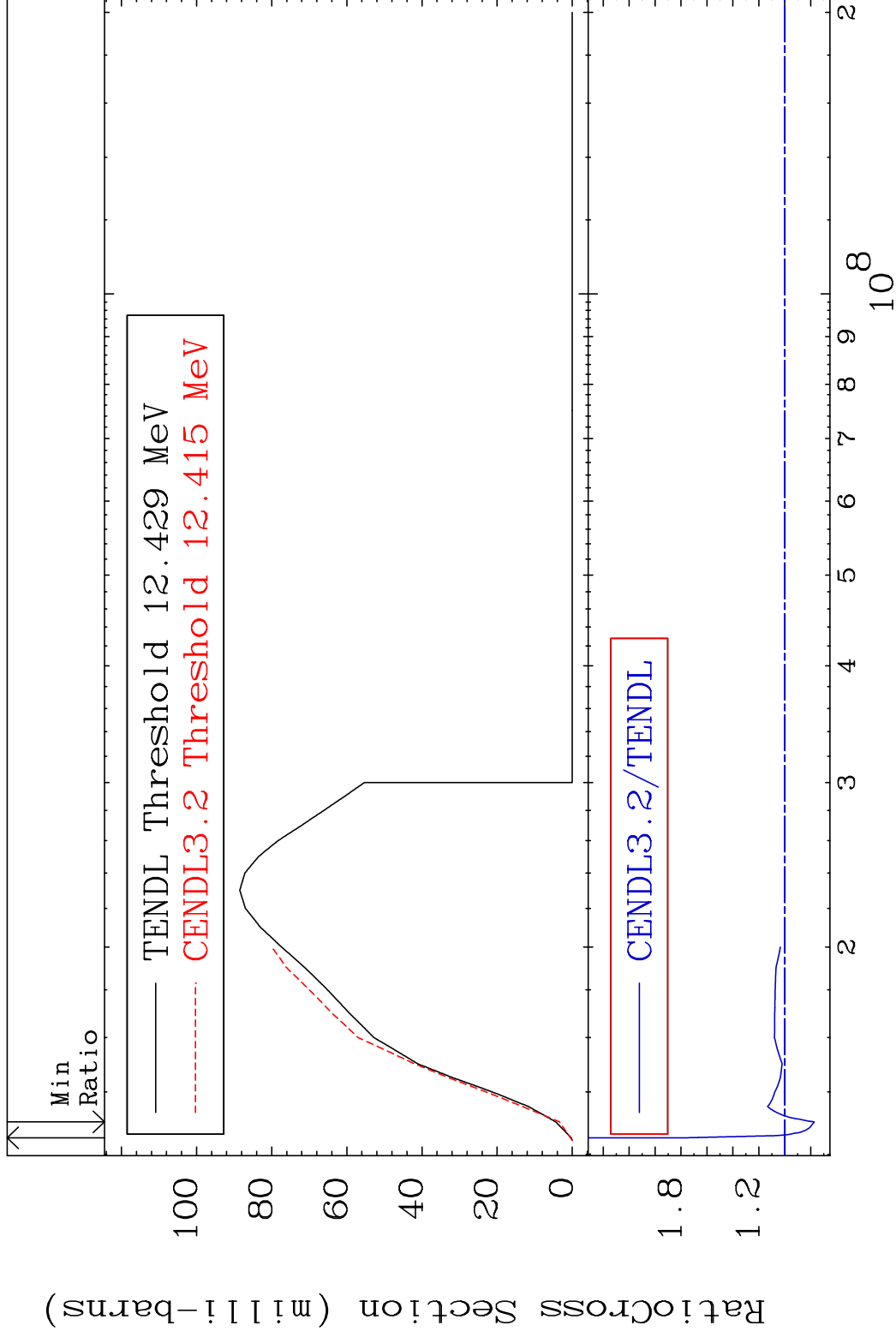


MAT 2825

(n,2n)

28-Ni-58

Cross Section -22.60 To 77.98 %



4

Incident Energy (eV)

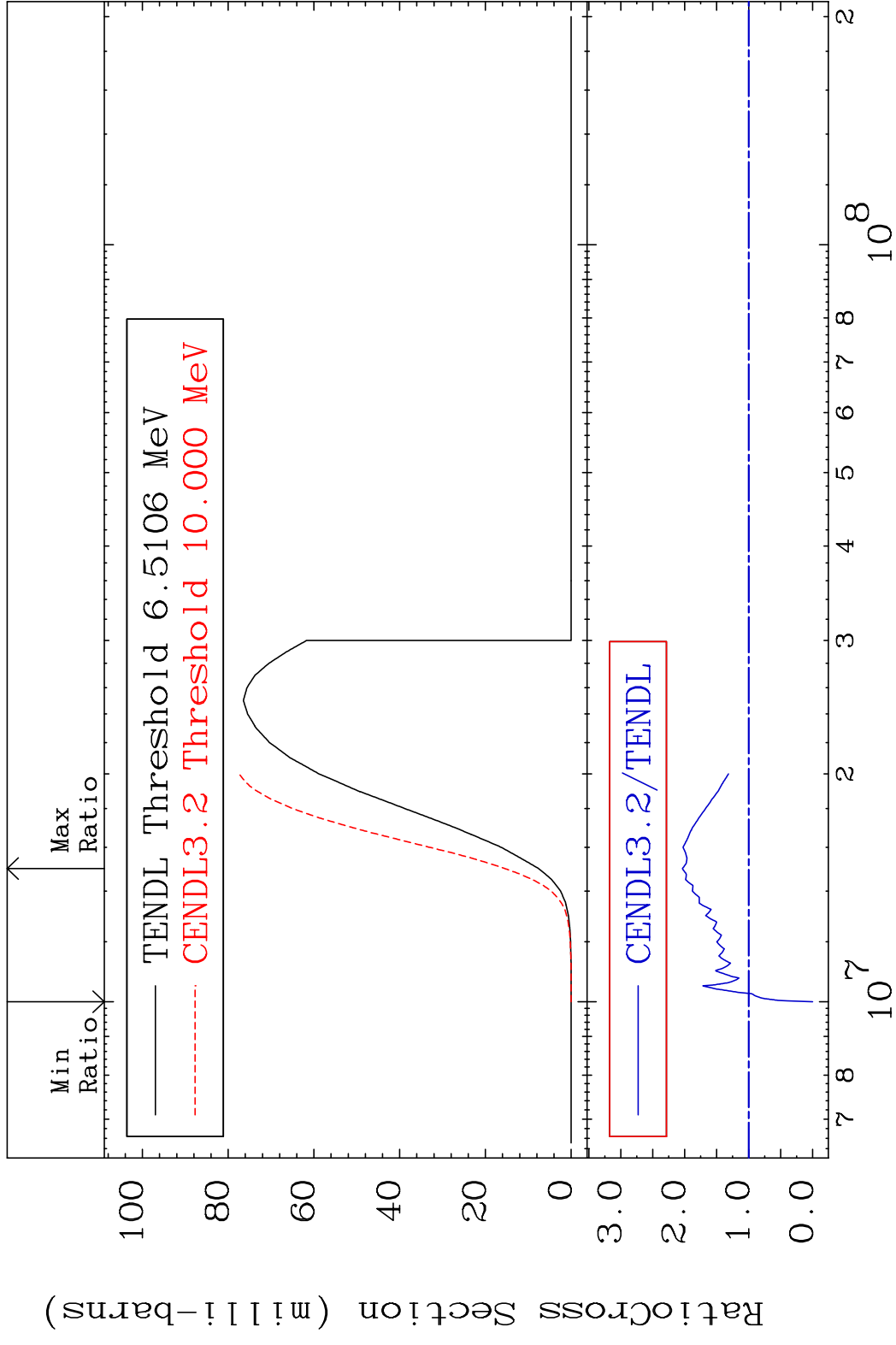
28-Ni-58

MAT 2825

(n, n') α

28-Ni-58

Cross Section -100.0 To 103.7 %



5

Incident Energy (eV)

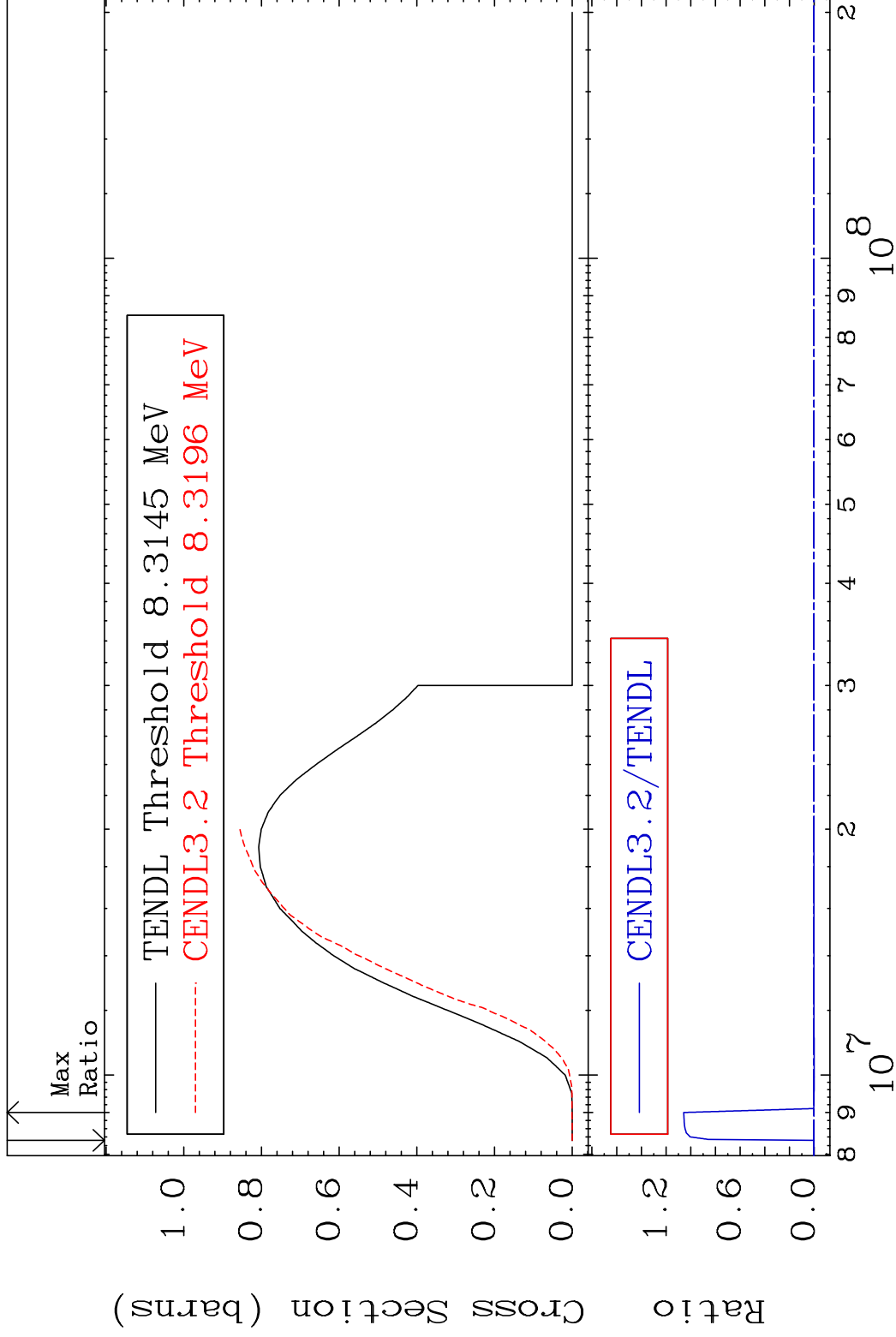
28-Ni-58

MAT 2825

(n, n') p

28-Ni-58

Cross Section -100.0 To 9999. %

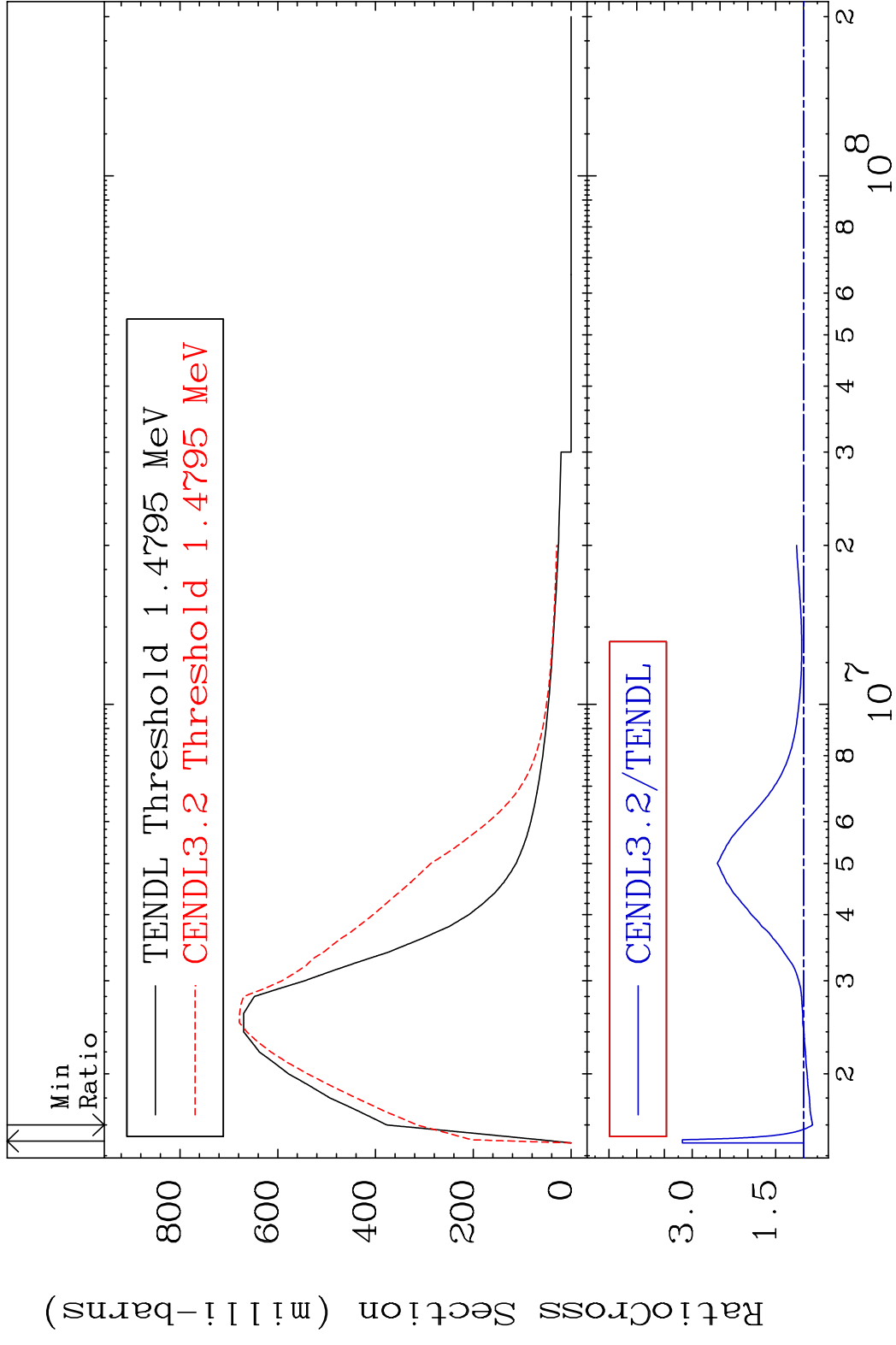


6

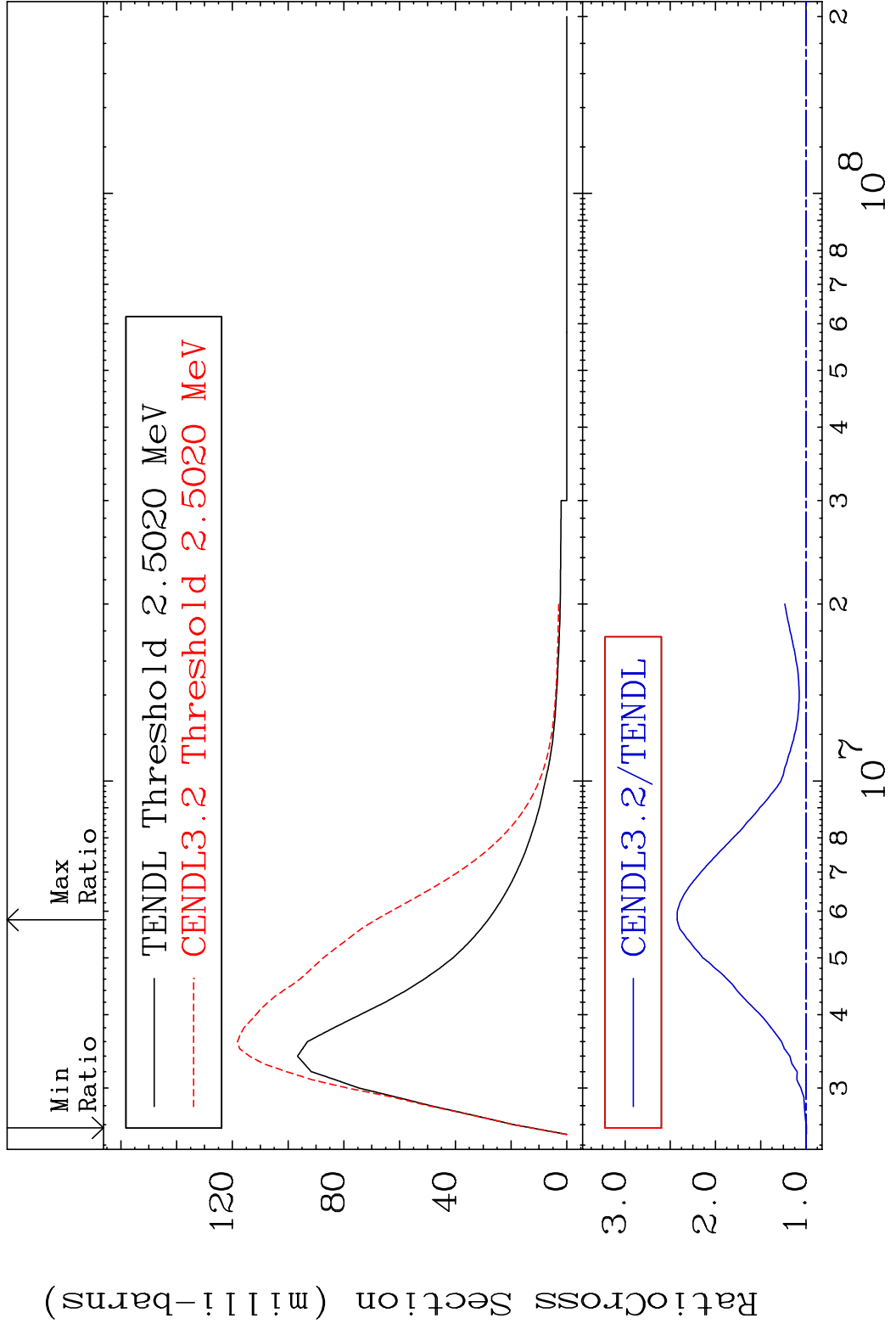
Incident Energy (eV)

28-Ni-58

MAT 2825 MT= 51 (n, n') Level 28-Ni-58
 Cross Section -16.42 To 217.8 %

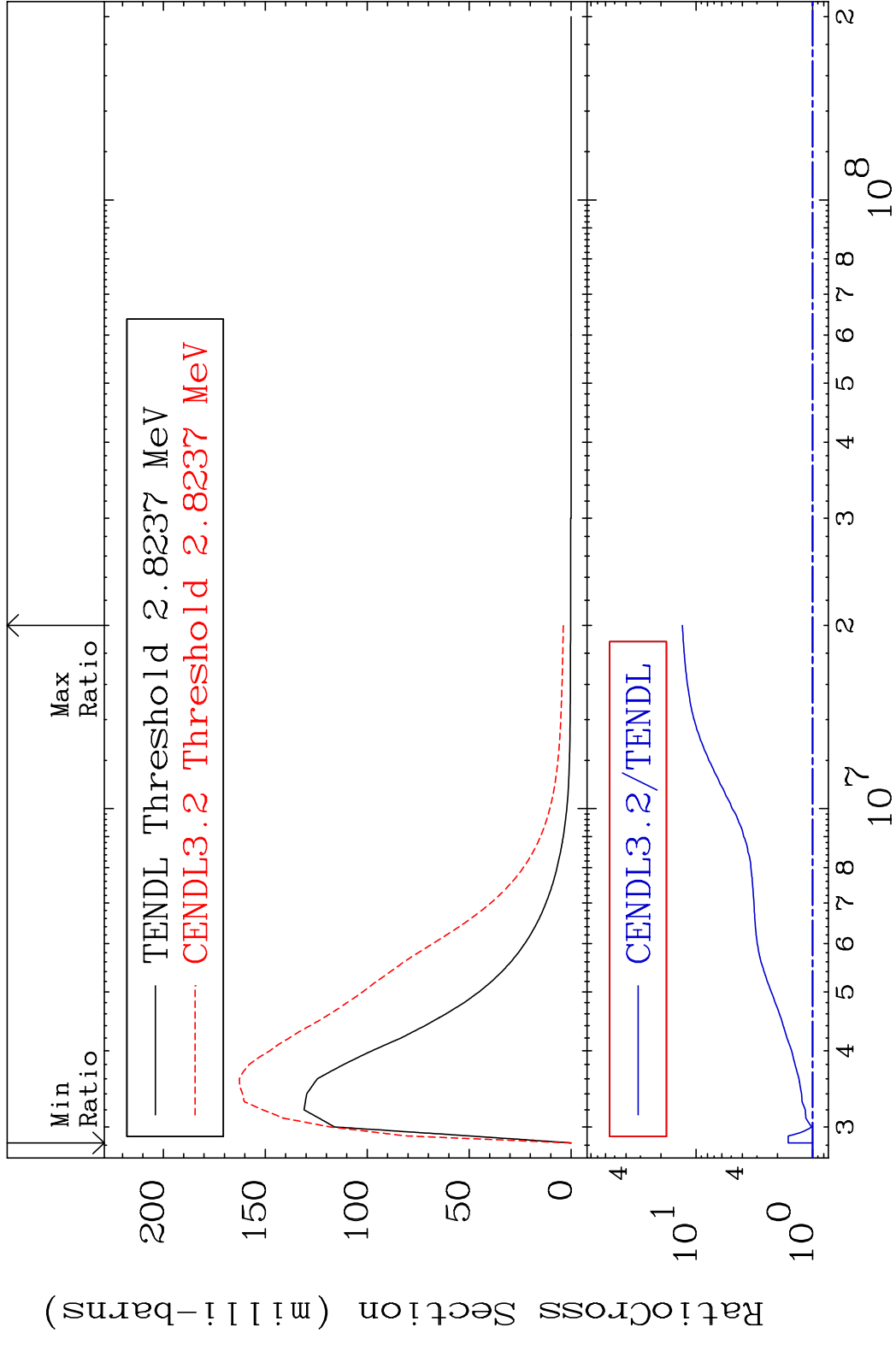


MAT 2825 MT= 52 (n,n') Level 28-Ni-58
 Cross Section -0.503 To 142.4 %



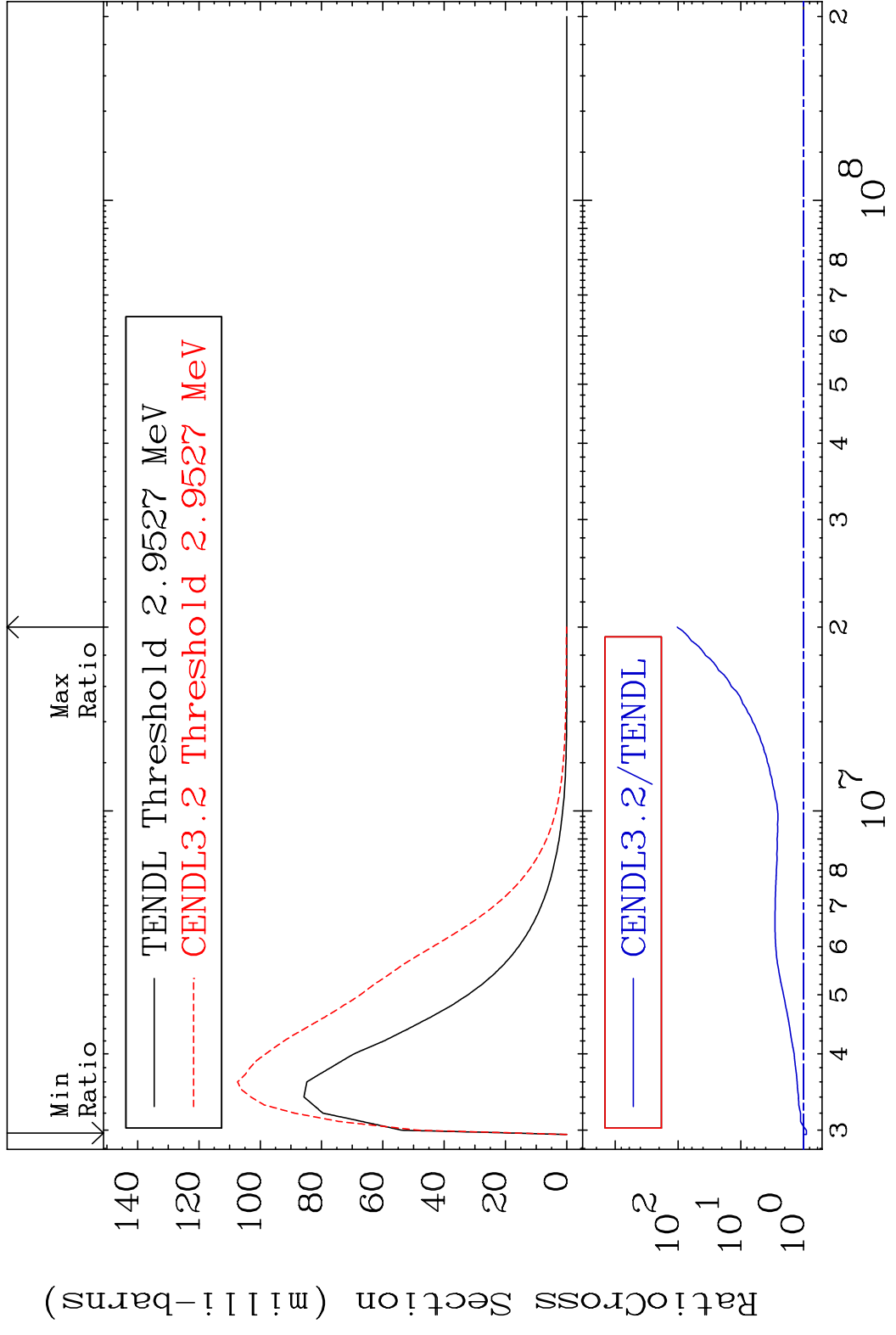
8 Incident Energy (eV) 28-Ni-58

MAT 2825 MT= 53 (n, n') Level 28-Ni-58
 Cross Section 0.000 To 1212. %



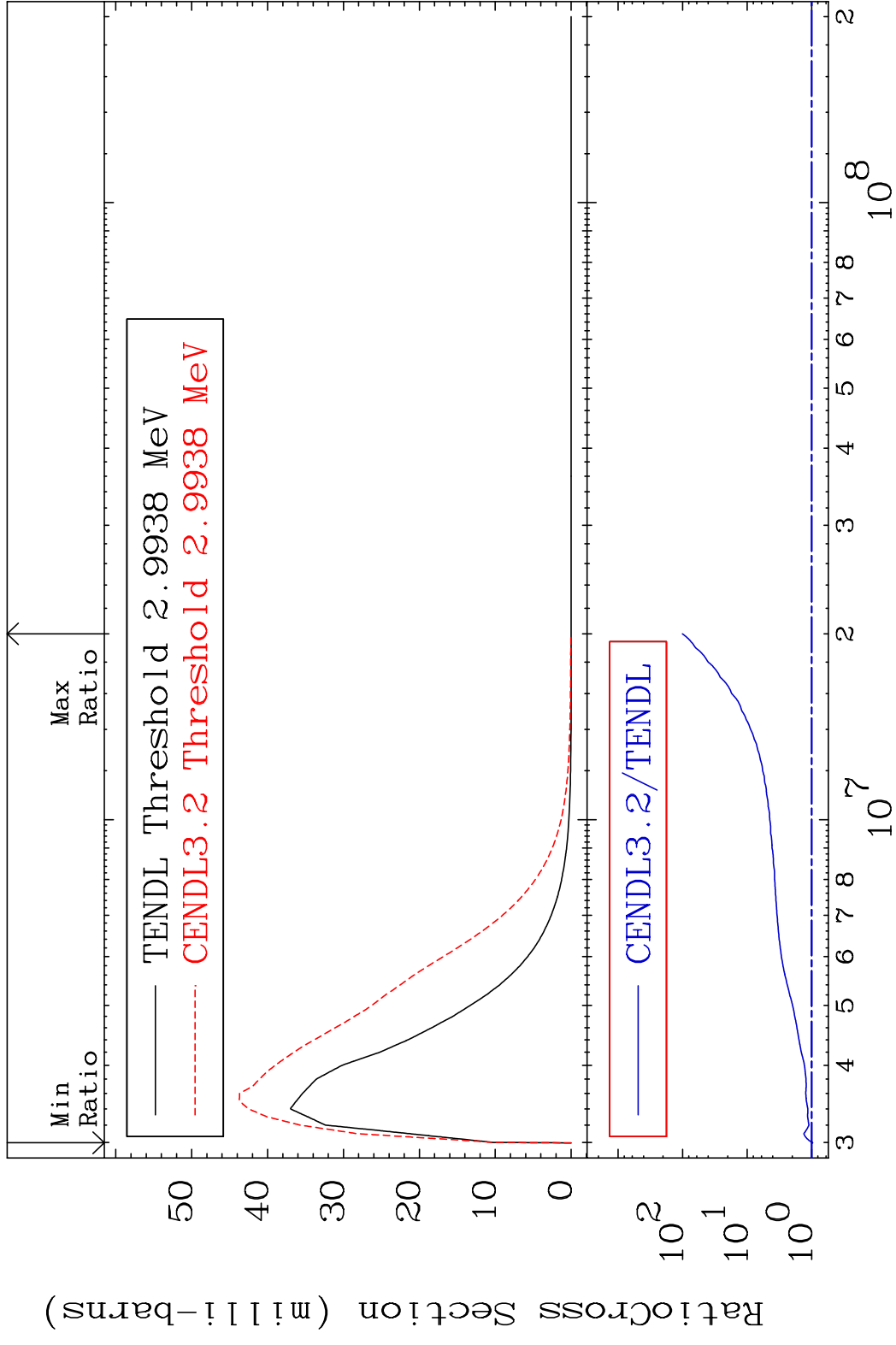
9 Incident Energy (eV) 28-Ni-58

MAT 2825 MT= 54 (n, n') Level 28-Ni-58
 Cross Section -9.885 To 9999. %

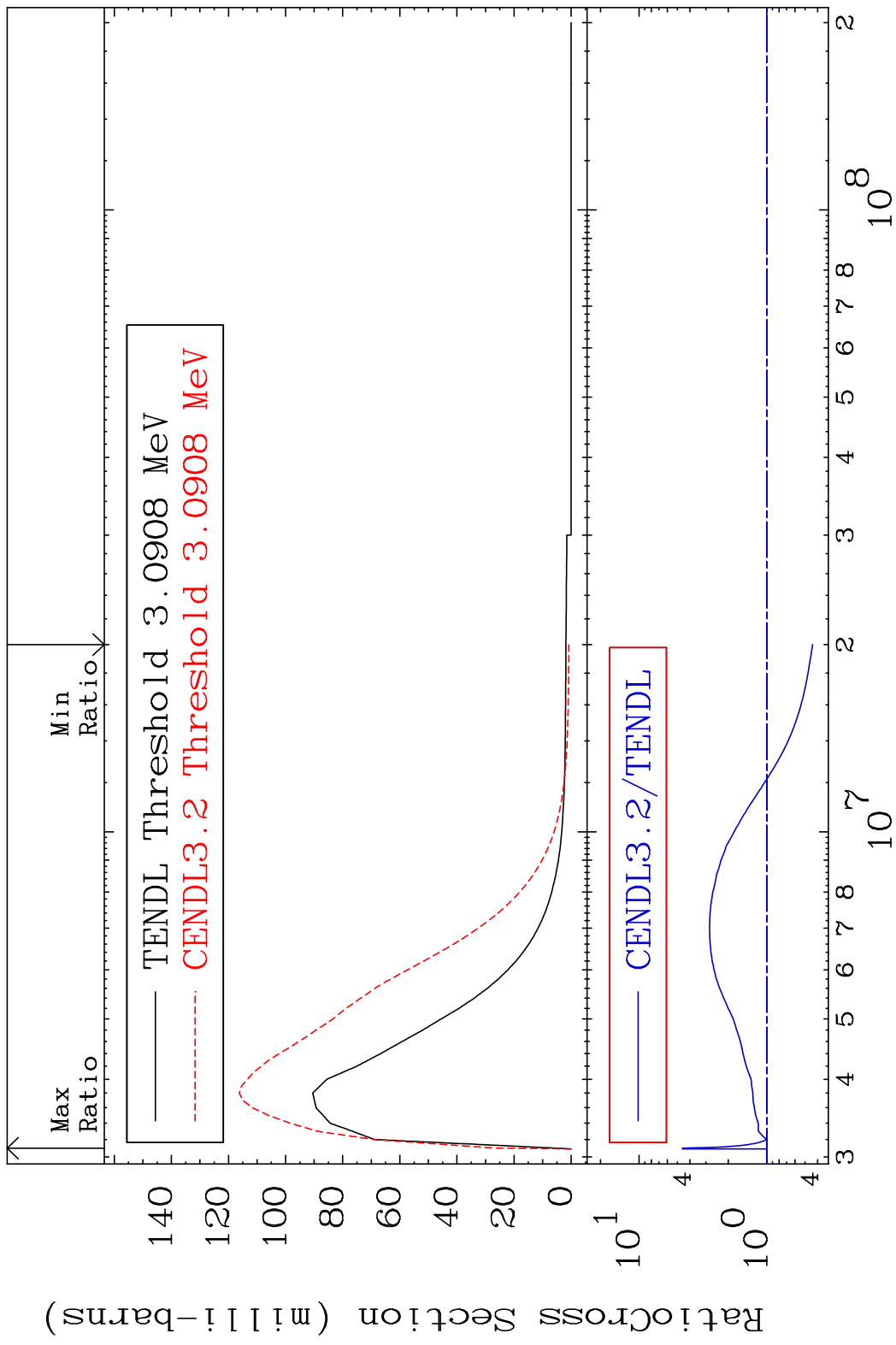


10 Incident Energy (eV) 28-Ni-58

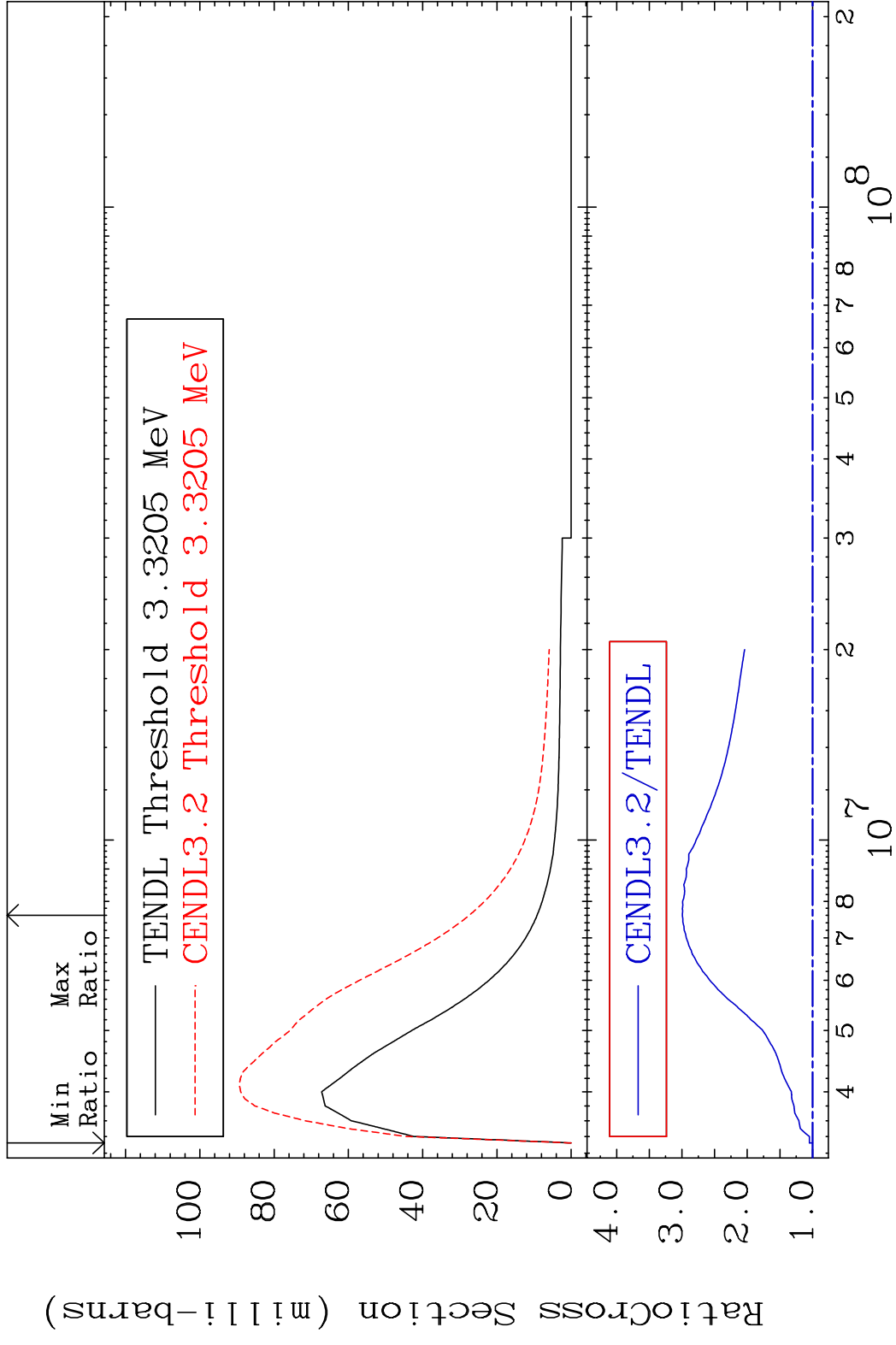
MAT 2825 MT= 55 (n,n') Level 28-Ni-58
 Cross Section -3.095 To 9965. %



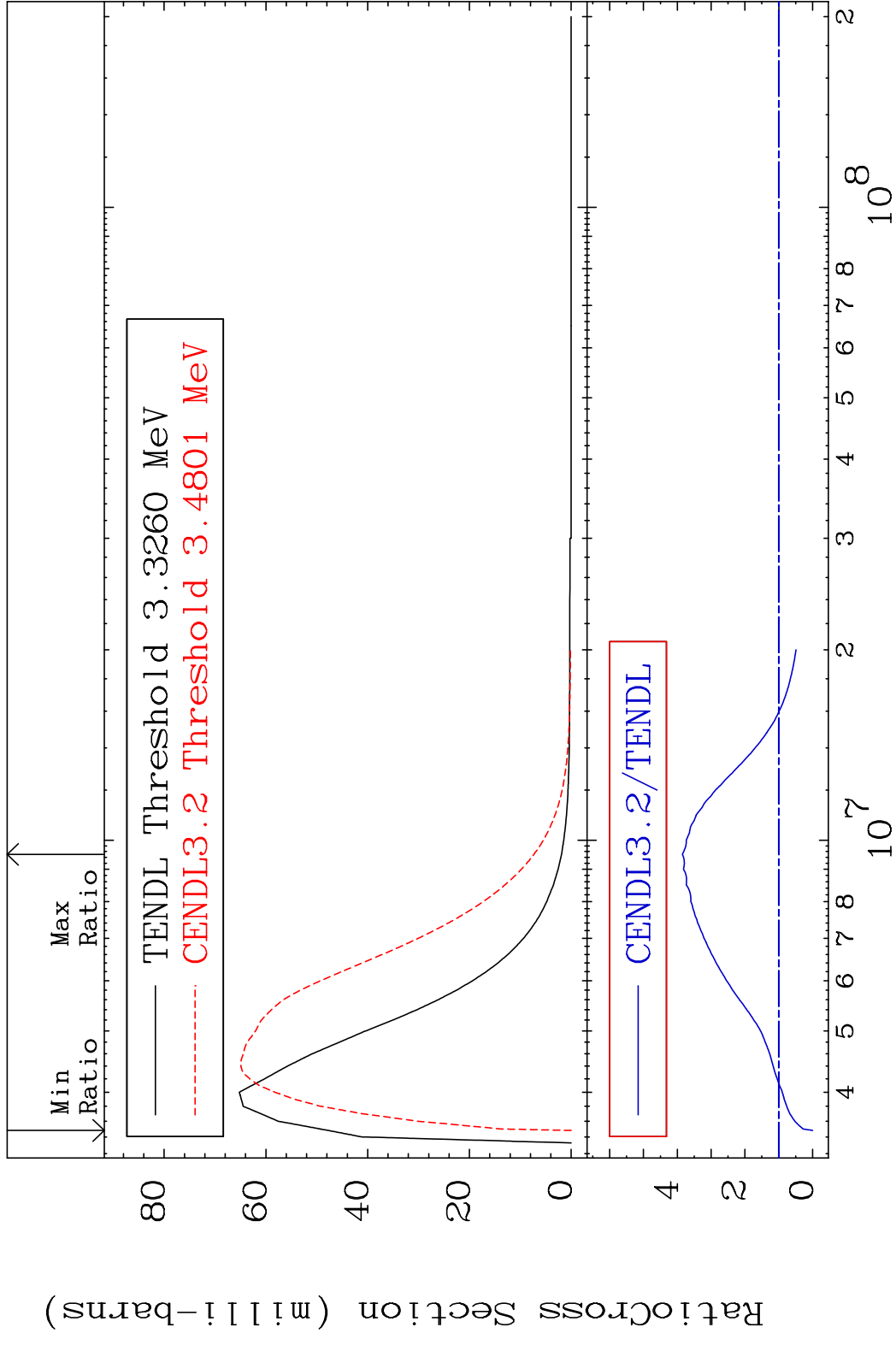
MAT 2825 MT= 56 (n,n') Level 28-Ni-58
 Cross Section -56.23 To 357.7 %



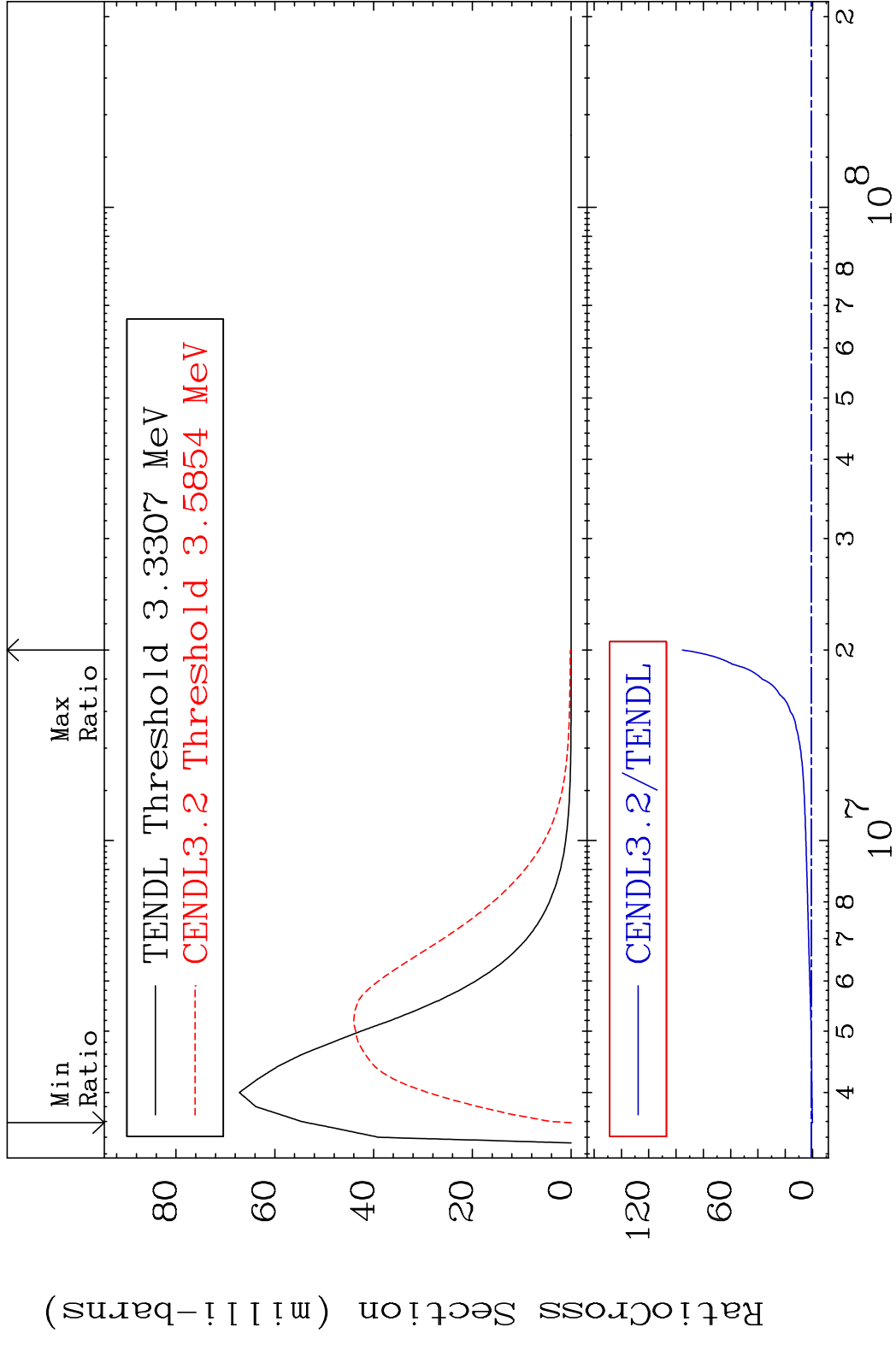
MAT 2825 MT= 57 (n,n') Level 28-Ni-58
 Cross Section 0.000 To 199.3 %



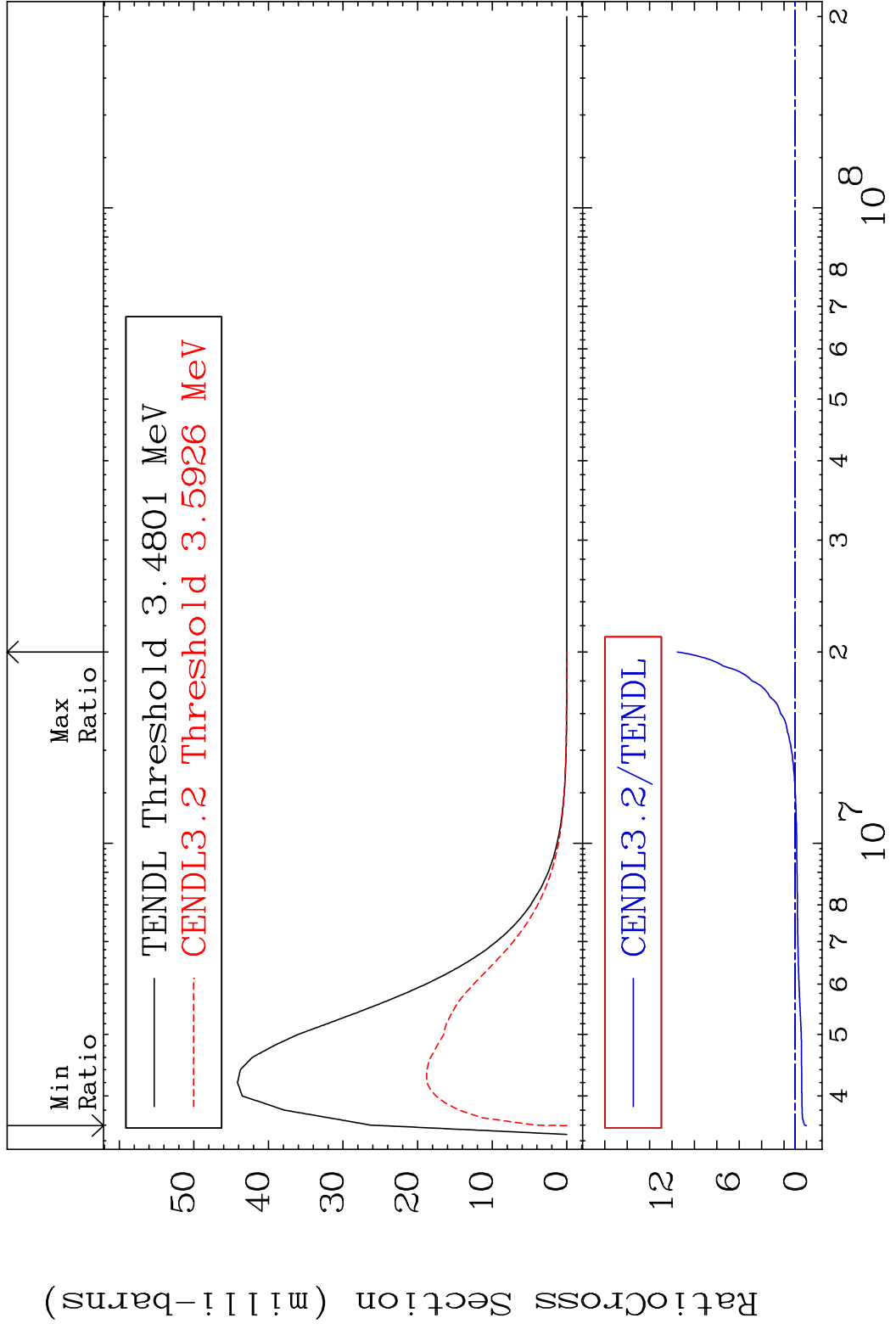
MAT 2825 MT= 58 (n,n') Level 28-Ni-58
 Cross Section -100.0 To 285.1 %



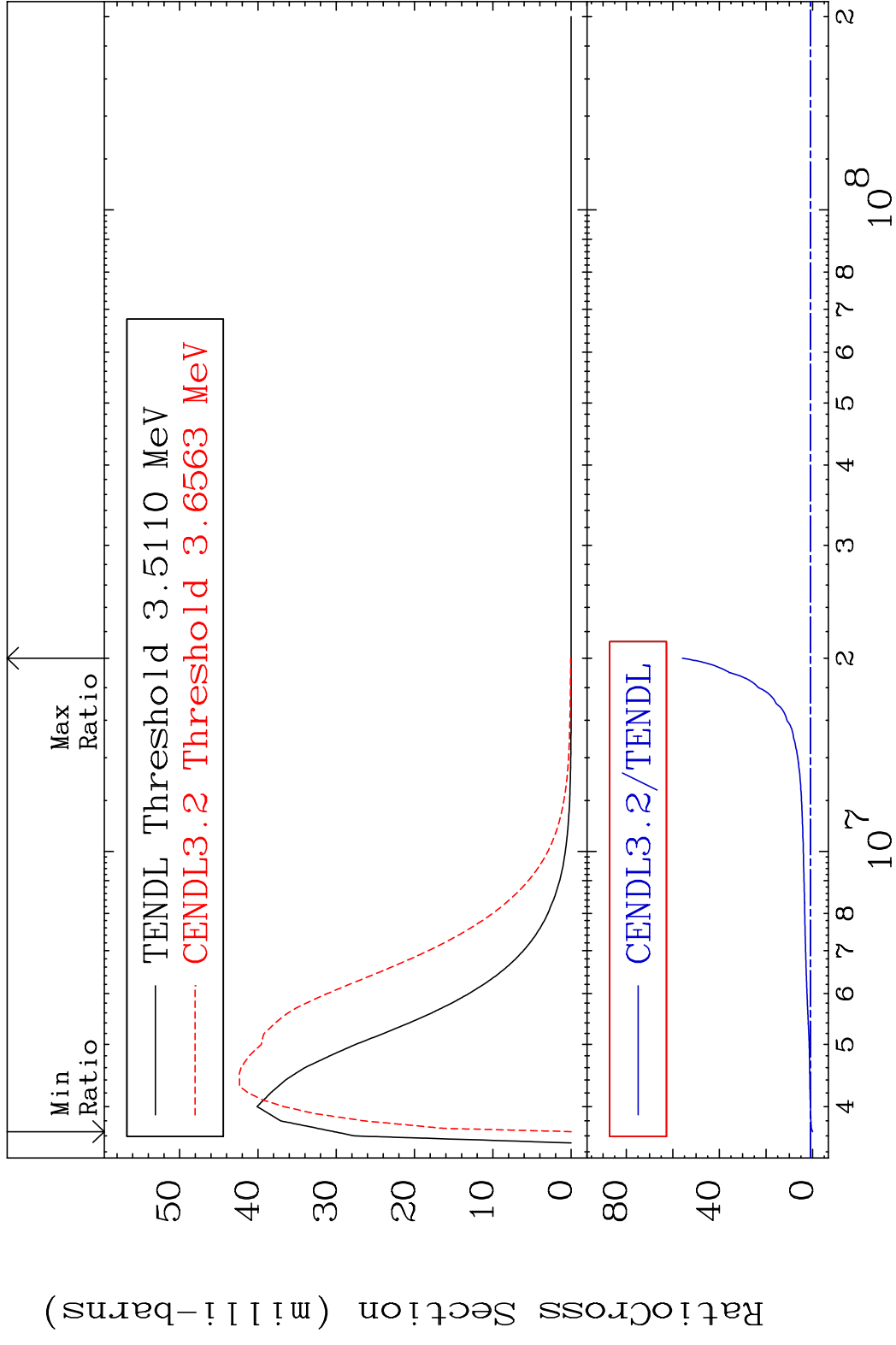
MAT 2825 MT= 59 (n, n') Level 28-Ni-58
 Cross Section -100.0 To 9436. %



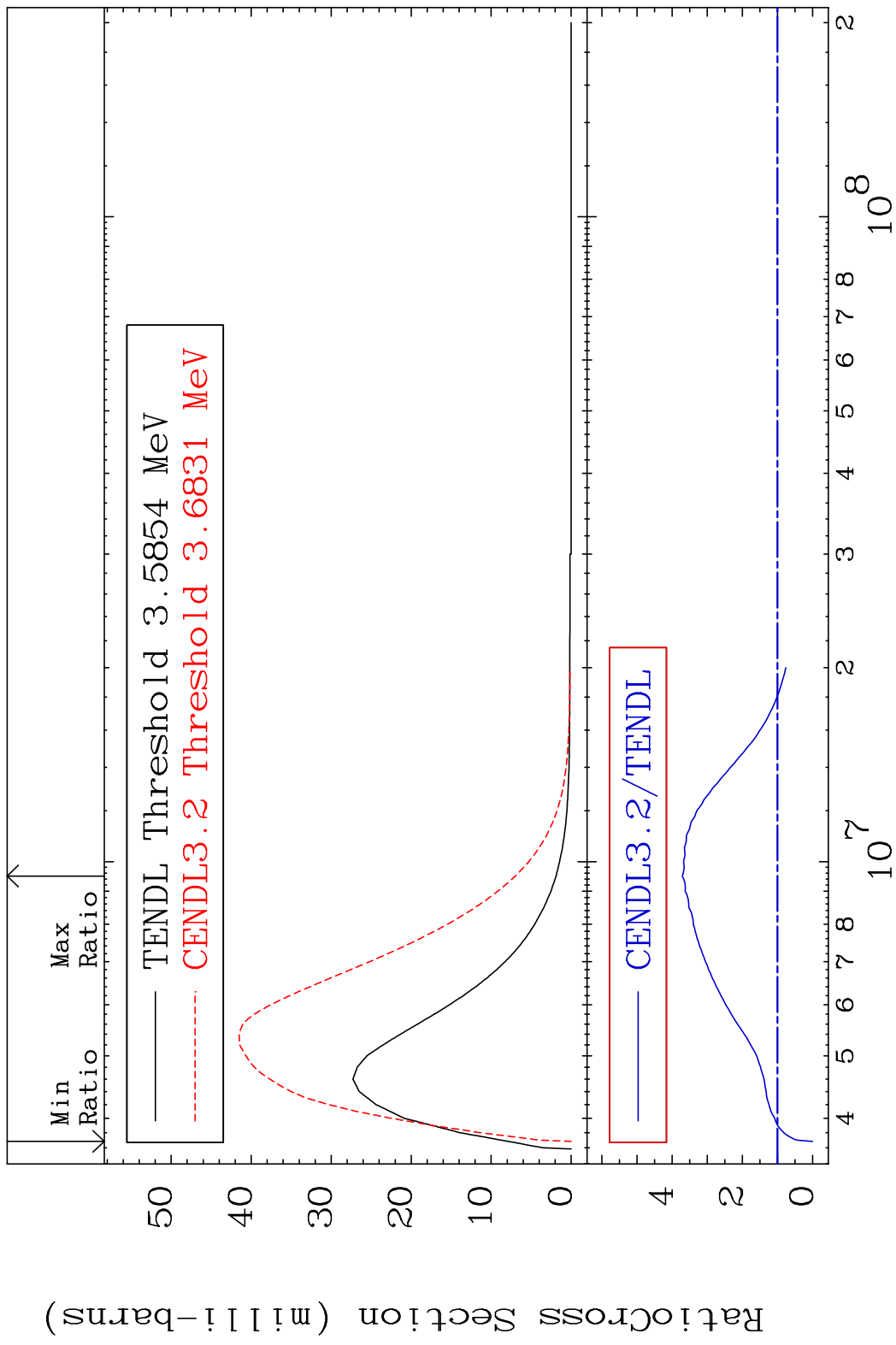
MAT 2825 MT= 60 (n,n') Level 28-Ni-58
 Cross Section -100.0 To 1054. %



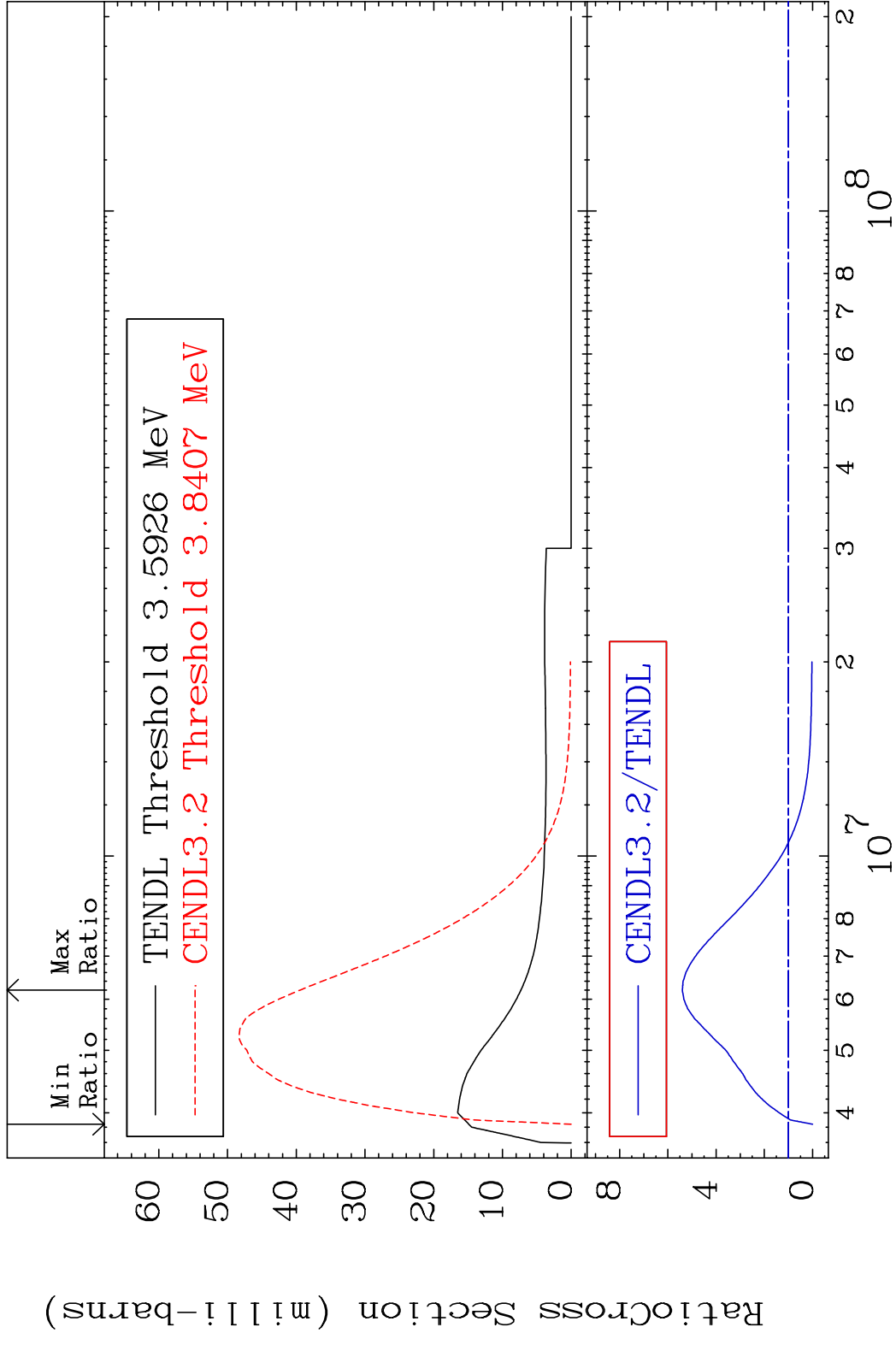
MAT 2825 MT= 61 (n, n') Level 28-Ni-58
 Cross Section -100.0 To 5490. %



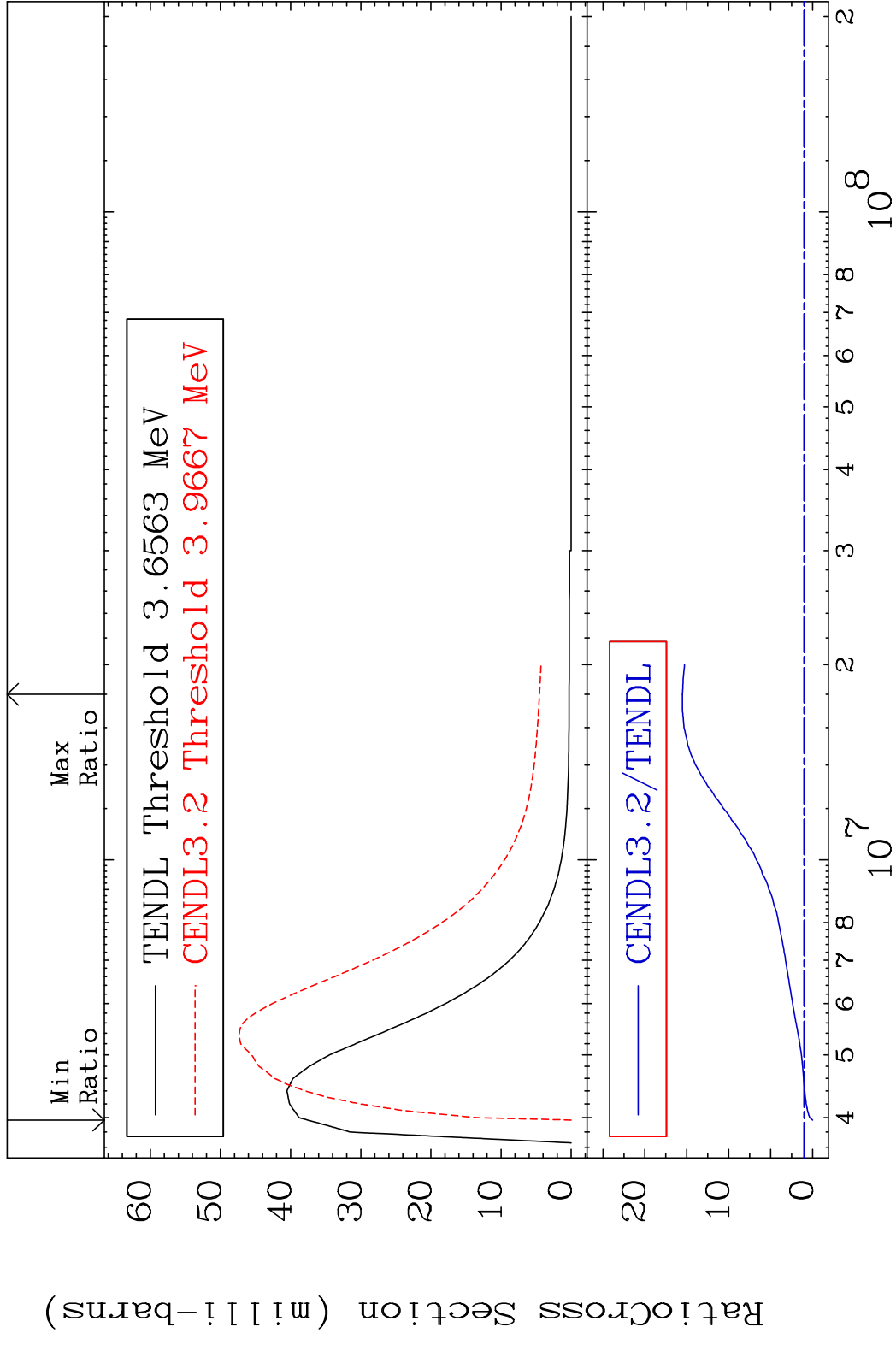
MAT 2825 MT= 62 (n, n') Level 28-Ni-58
 Cross Section -100.0 To 270.8 %



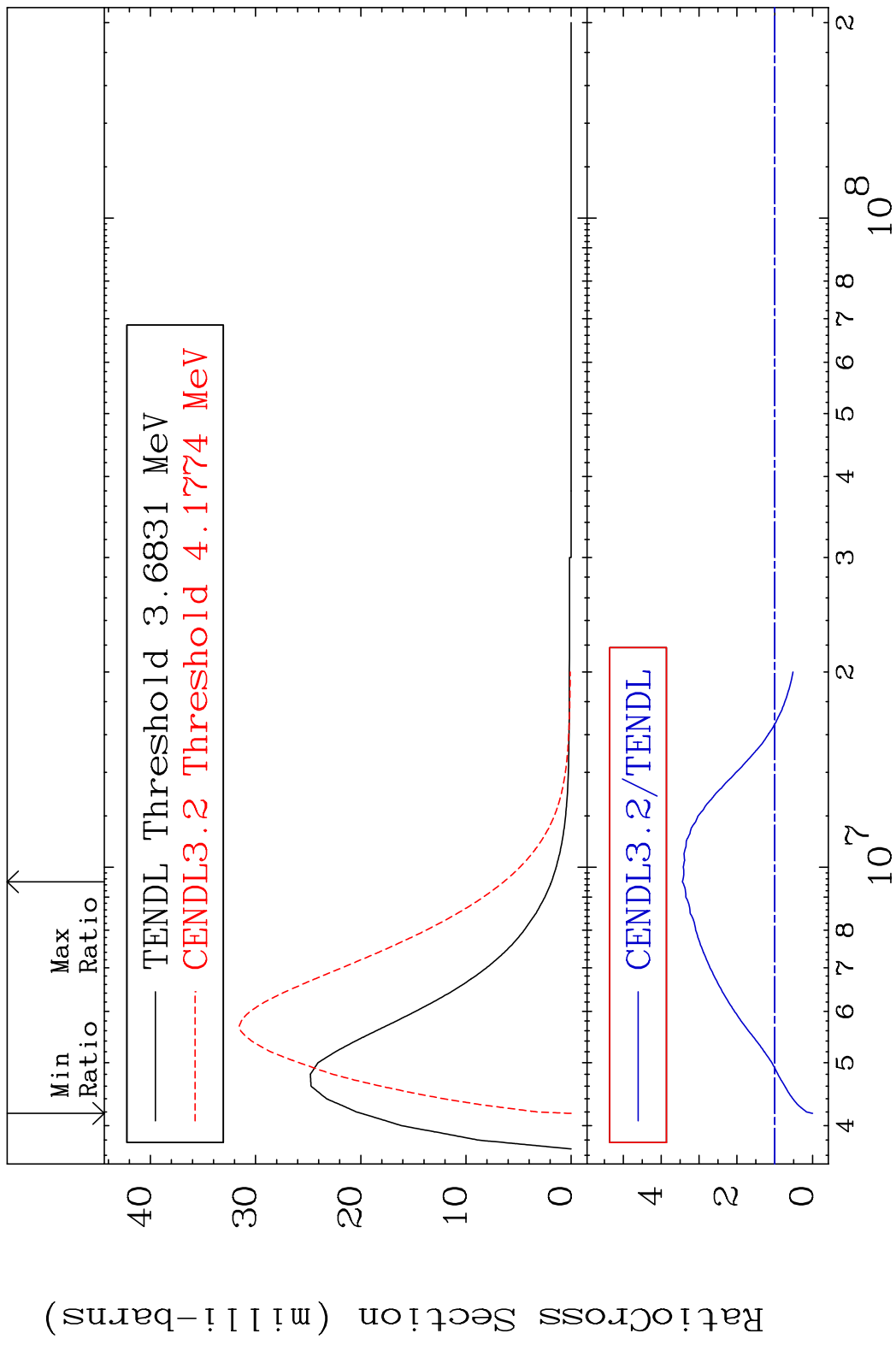
MAT 2825 MT= 63 (n,n') Level 28-Ni-58
 Cross Section -100.0 To 440.0 %



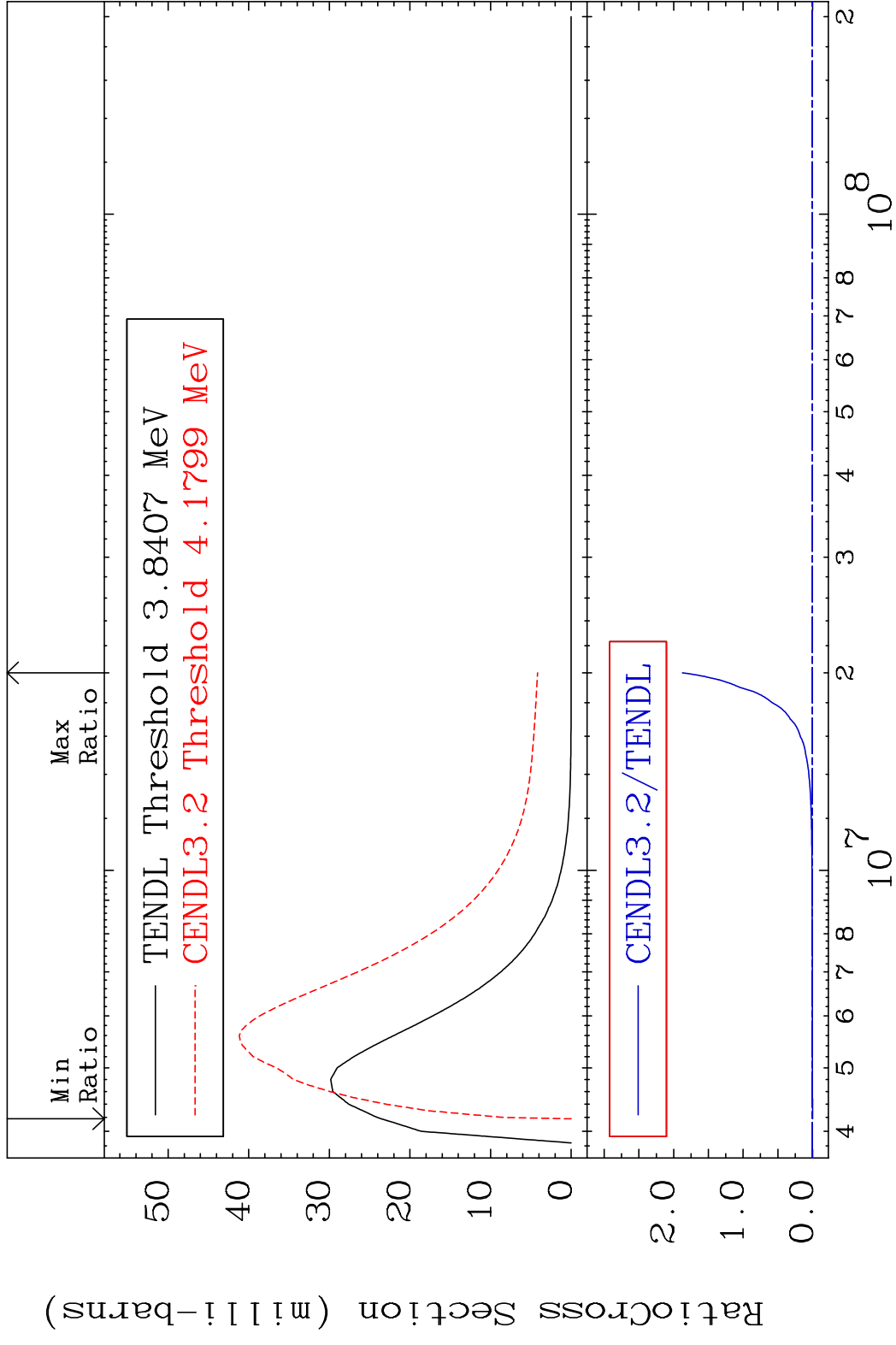
MAT 2825 MT= 64 (n,n') Level 28-Ni-58
 Cross Section -100.0 To 1453. %



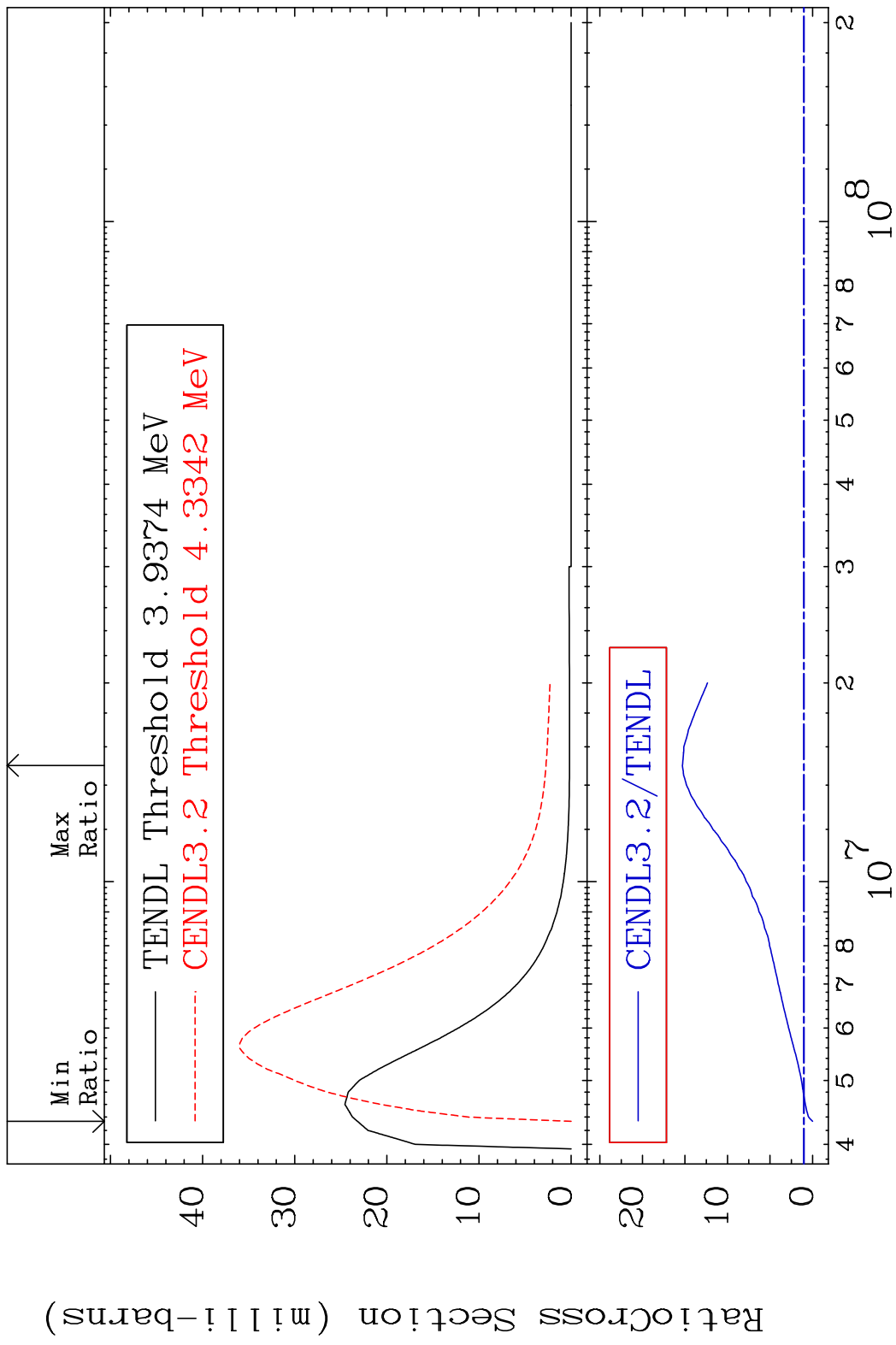
MAT 2825 MT= 65 (n,n') Level 28-Ni-58
 Cross Section -100.0 To 244.2 %



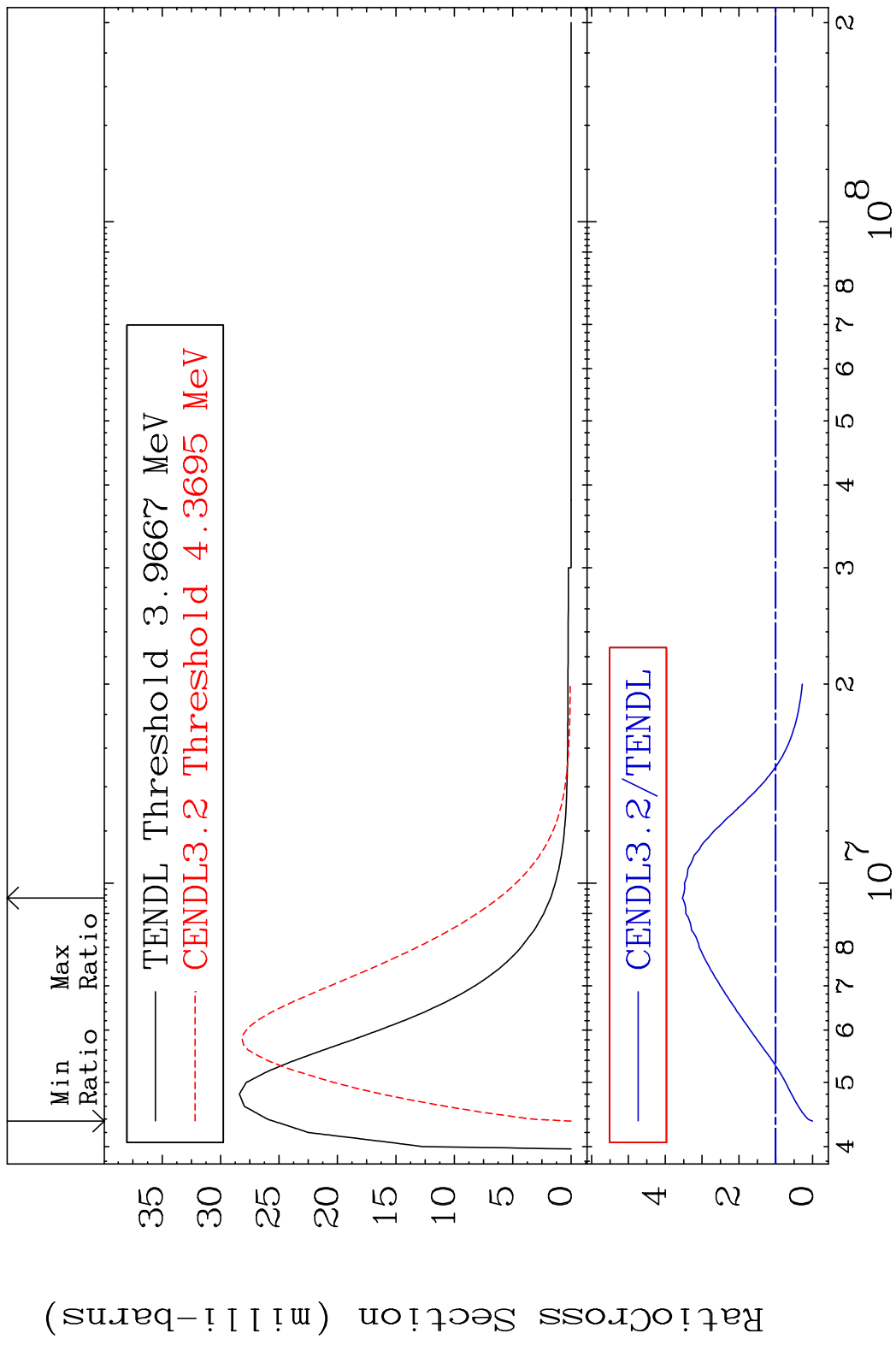
MAT 2825 MT= 66 (n,n') Level 28-Ni-58
 Cross Section -100.0 To 9999. %



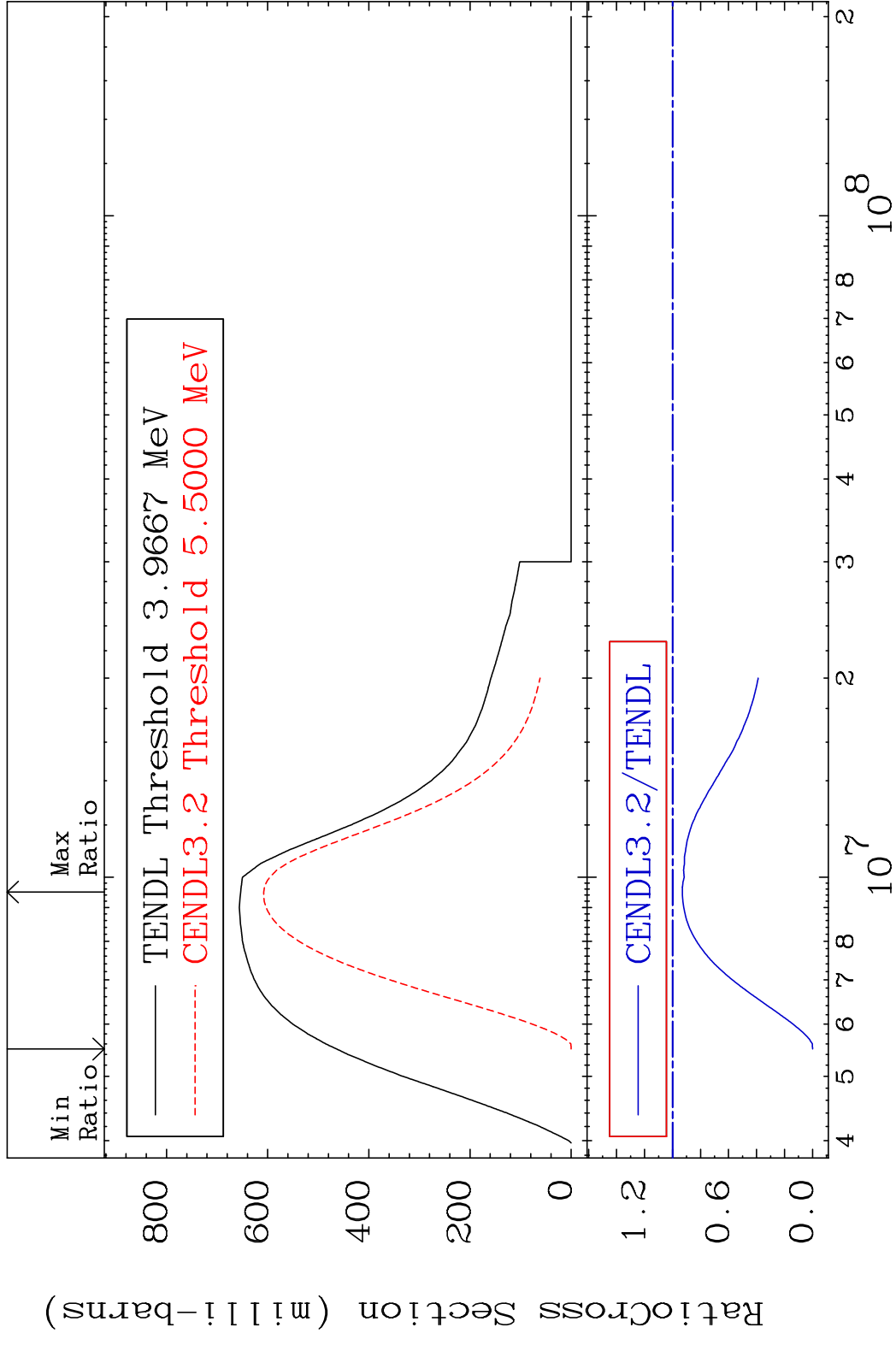
MAT 2825 MT= 67 (n,n') Level 28-Ni-58
 Cross Section -100.0 To 1431. %



MAT 2825 MT= 68 (n,n') Level 28-Ni-58
 Cross Section -100.0 To 253.5 %



MAT 2825 (n,n') Continuum 28-Ni-58
 Cross Section -100.0 To -6.995%



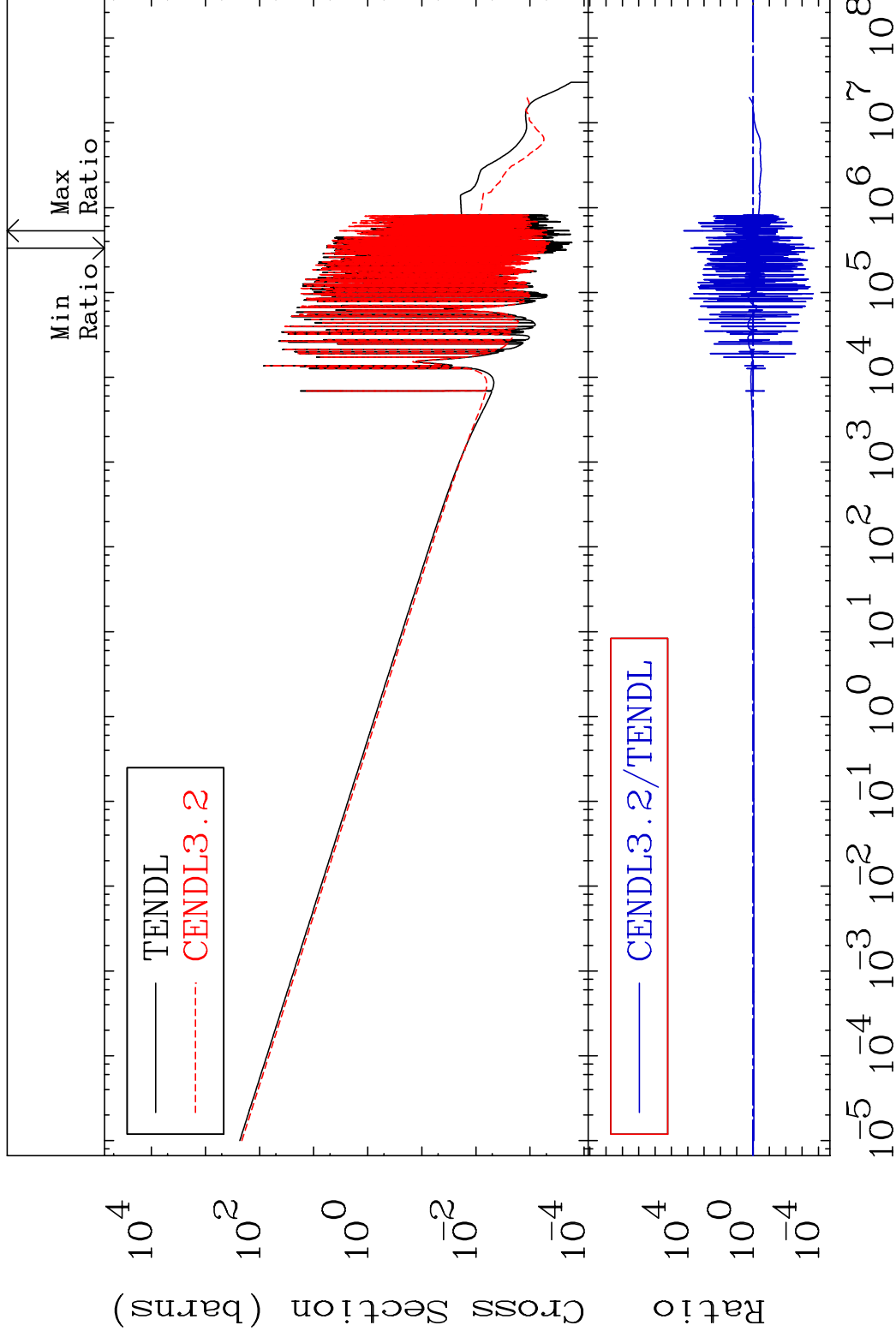
MAT 2825

(n, γ)

28-Ni-58

Cross Section

-99.98 To 9999. %



26

Incident Energy (eV)

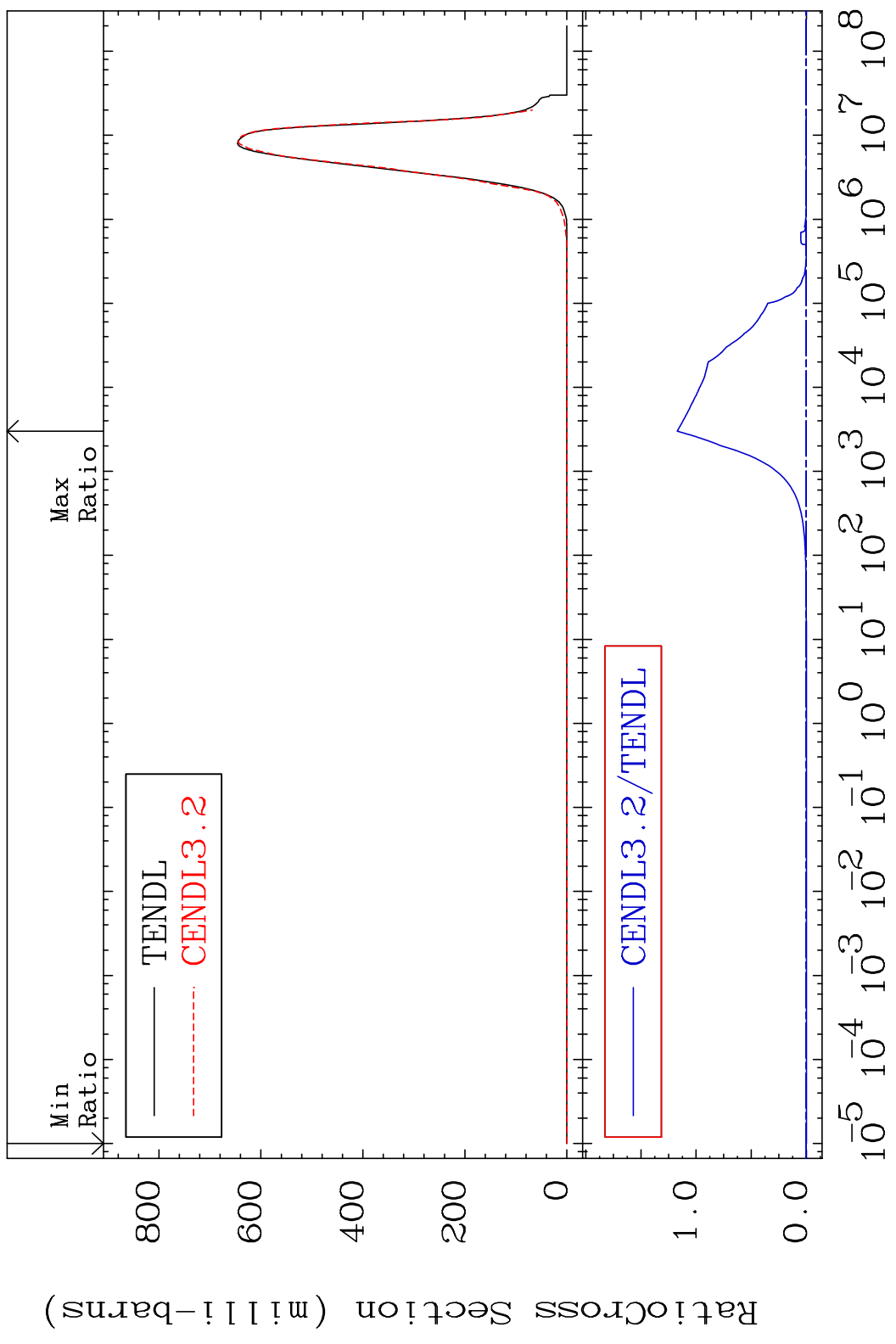
28-Ni-58

MAT 2825

(n, p)

28-Ni-58

Cross Section -100.0 To 9999. %

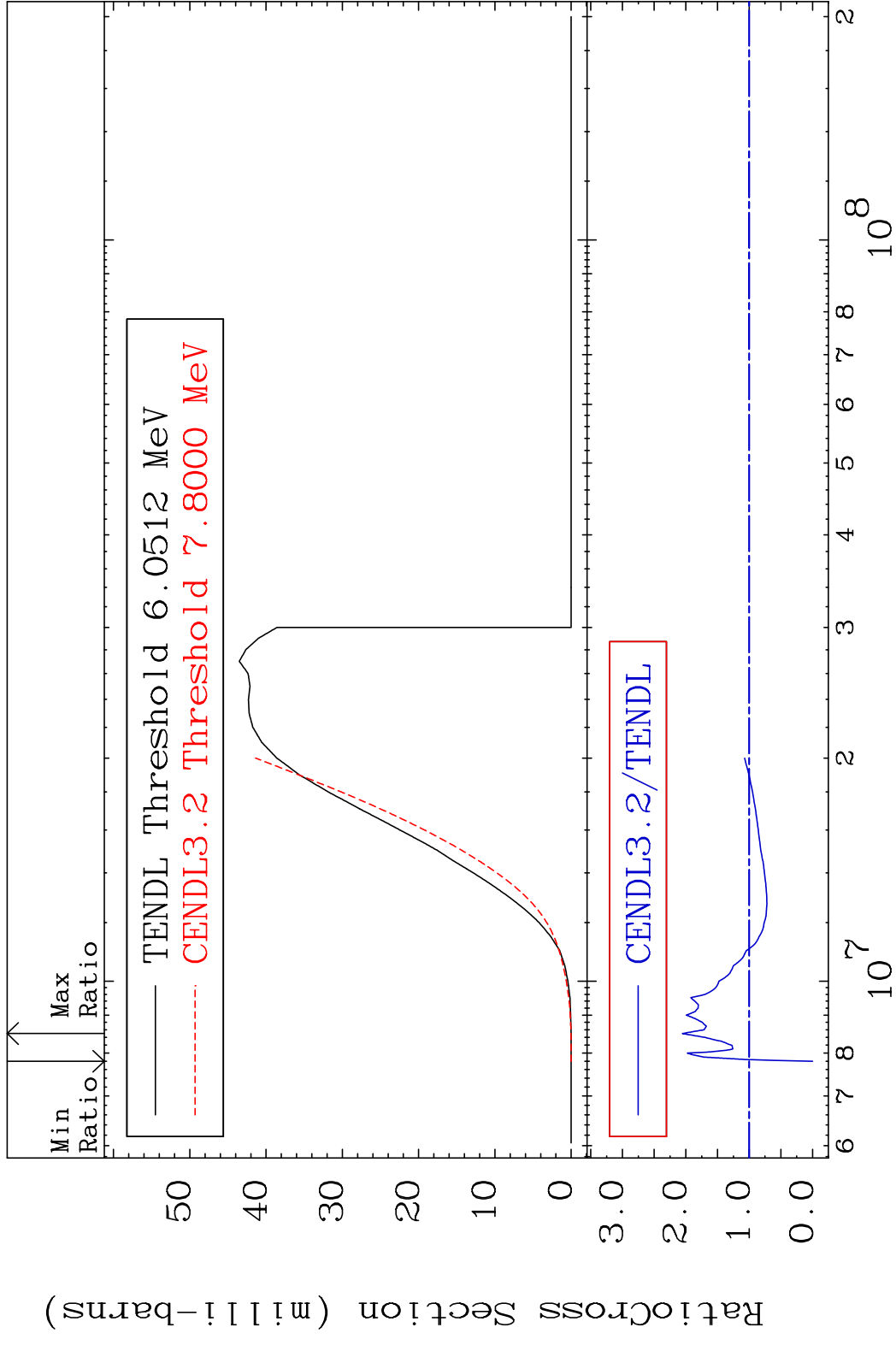


27

Incident Energy (eV)

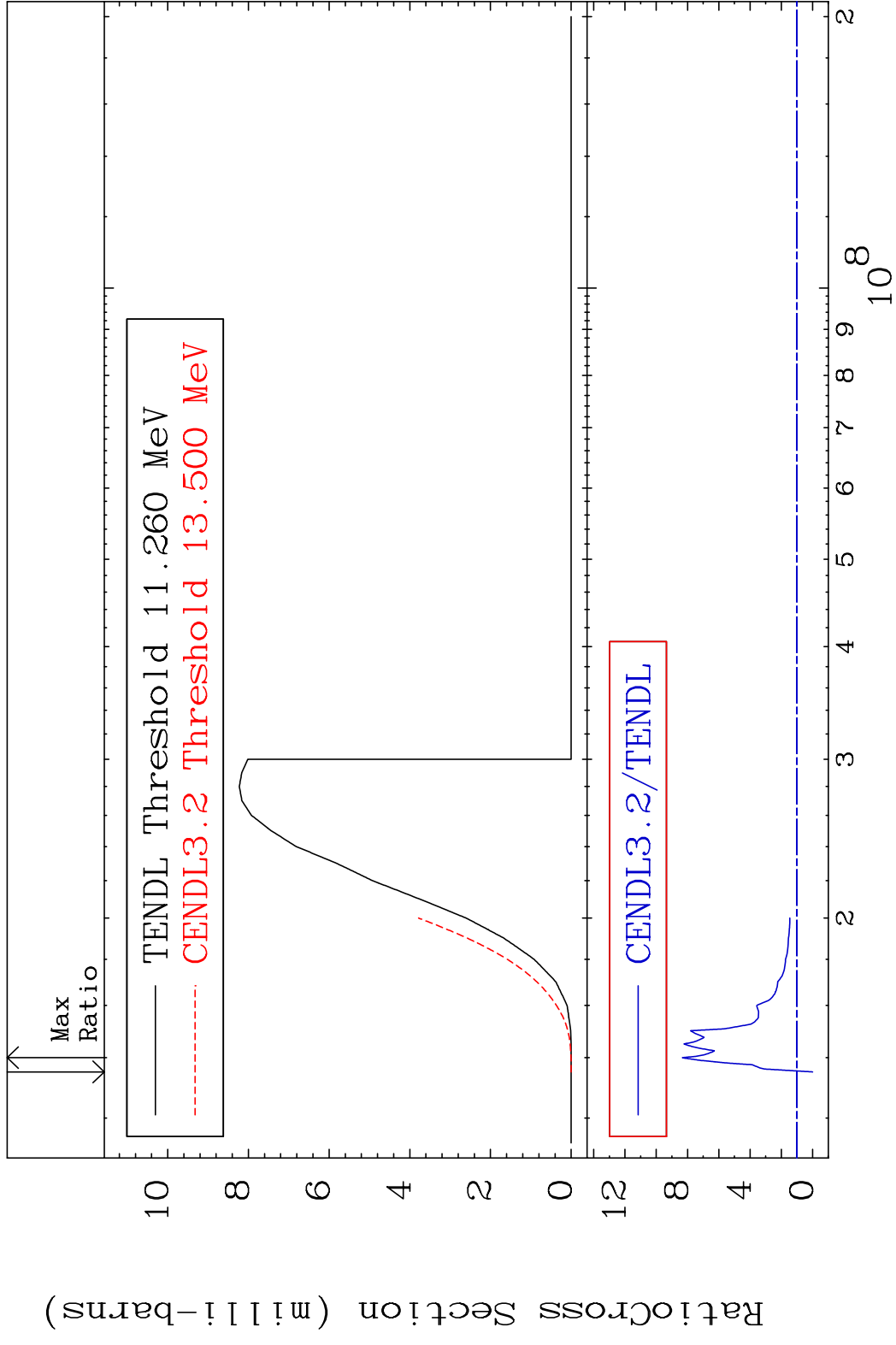
28-Ni-58

MAT 2825 (n,d) 28-Ni-58
 Cross Section -100.0 To 105.5 %

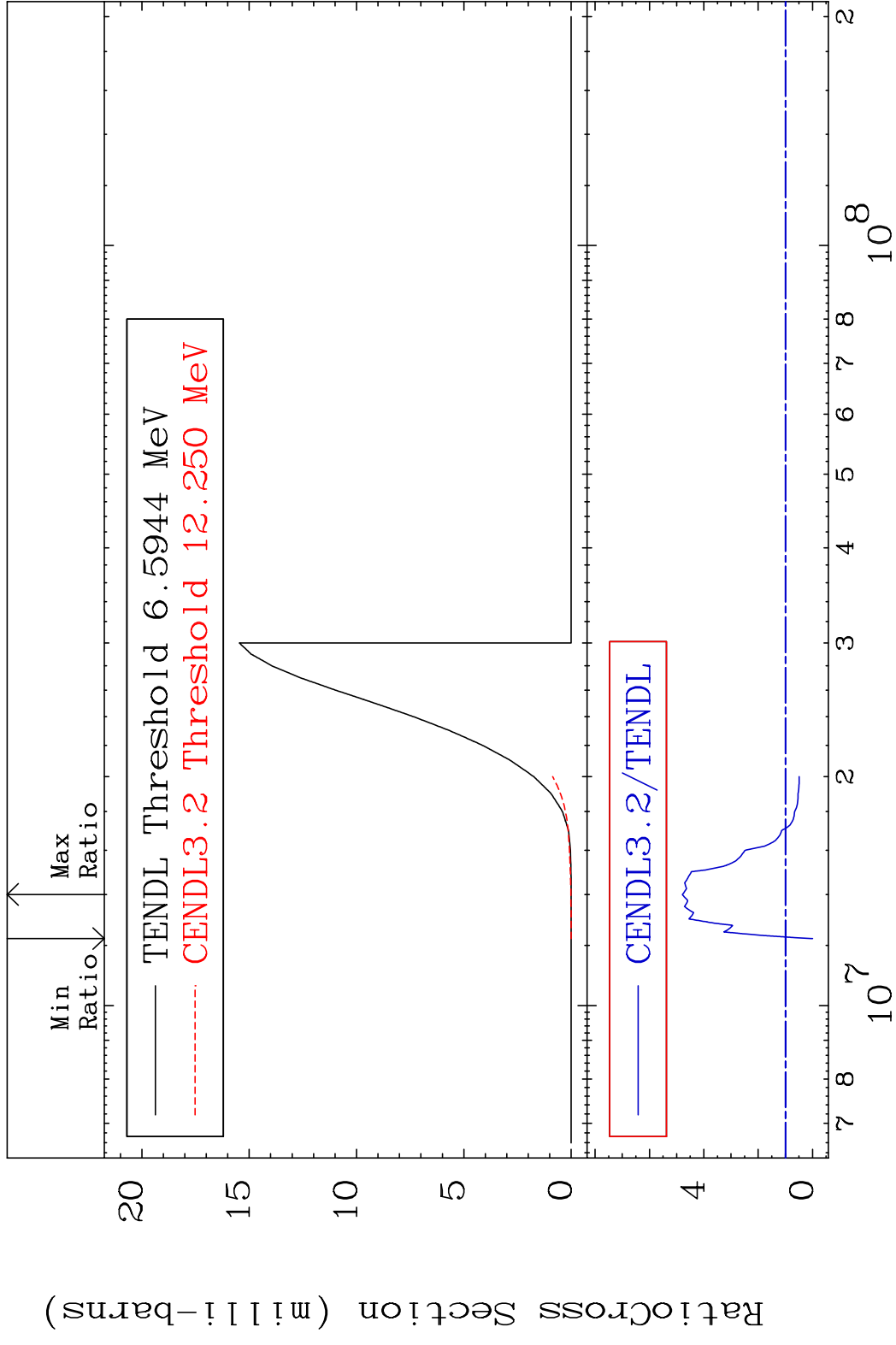


28 28-Ni-58

MAT 2825 (n, t) 28-Ni-58
 Cross Section -100.0 To 733.1 %

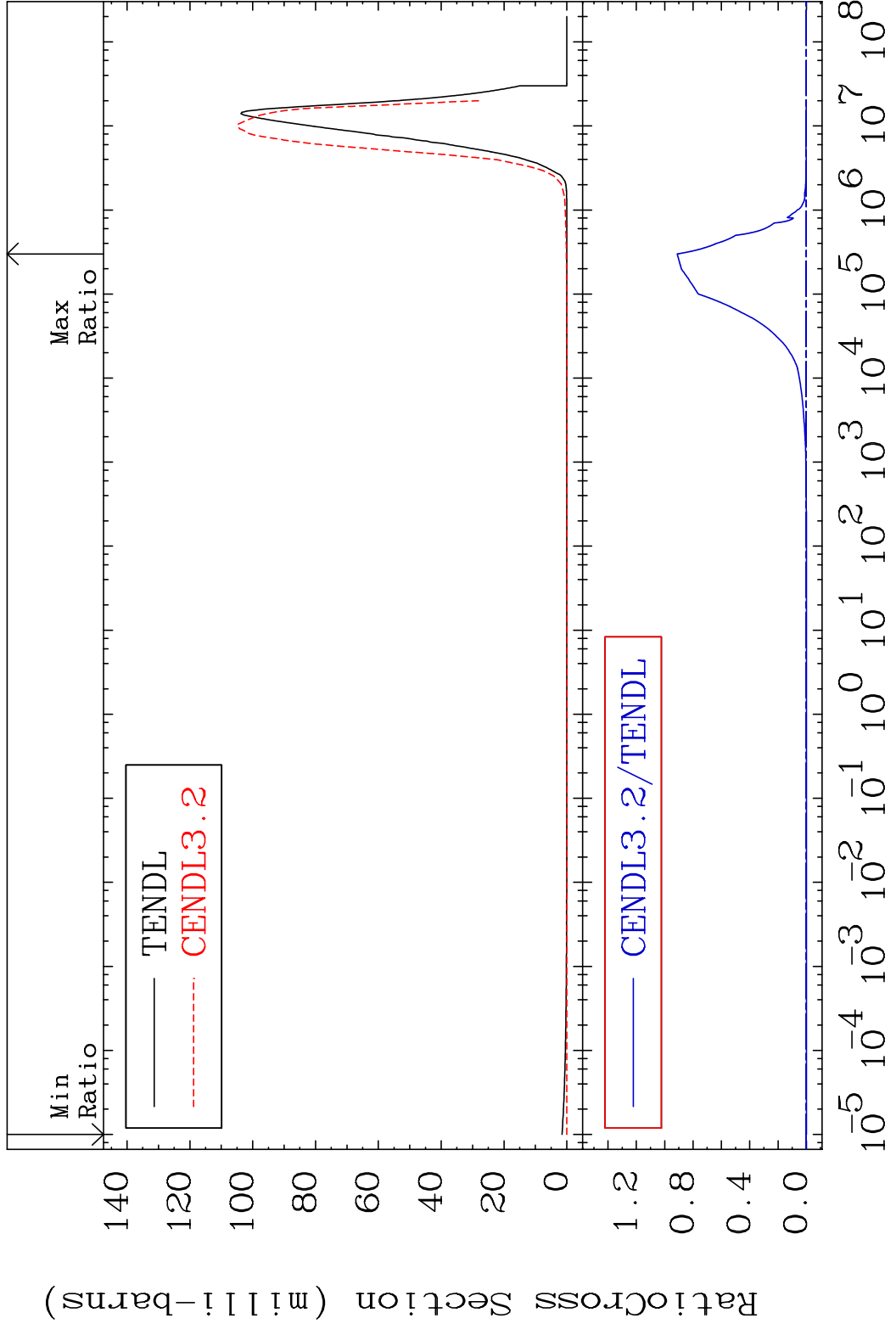


MAT 2825 (n, He-3) 28-Ni-58
 Cross Section -100.0 To 378.9 %



30 Incident Energy (eV) 28-Ni-58

MAT 2825 (n, α) 28-Ni-58
 Cross Section -100.0 To 9999. %

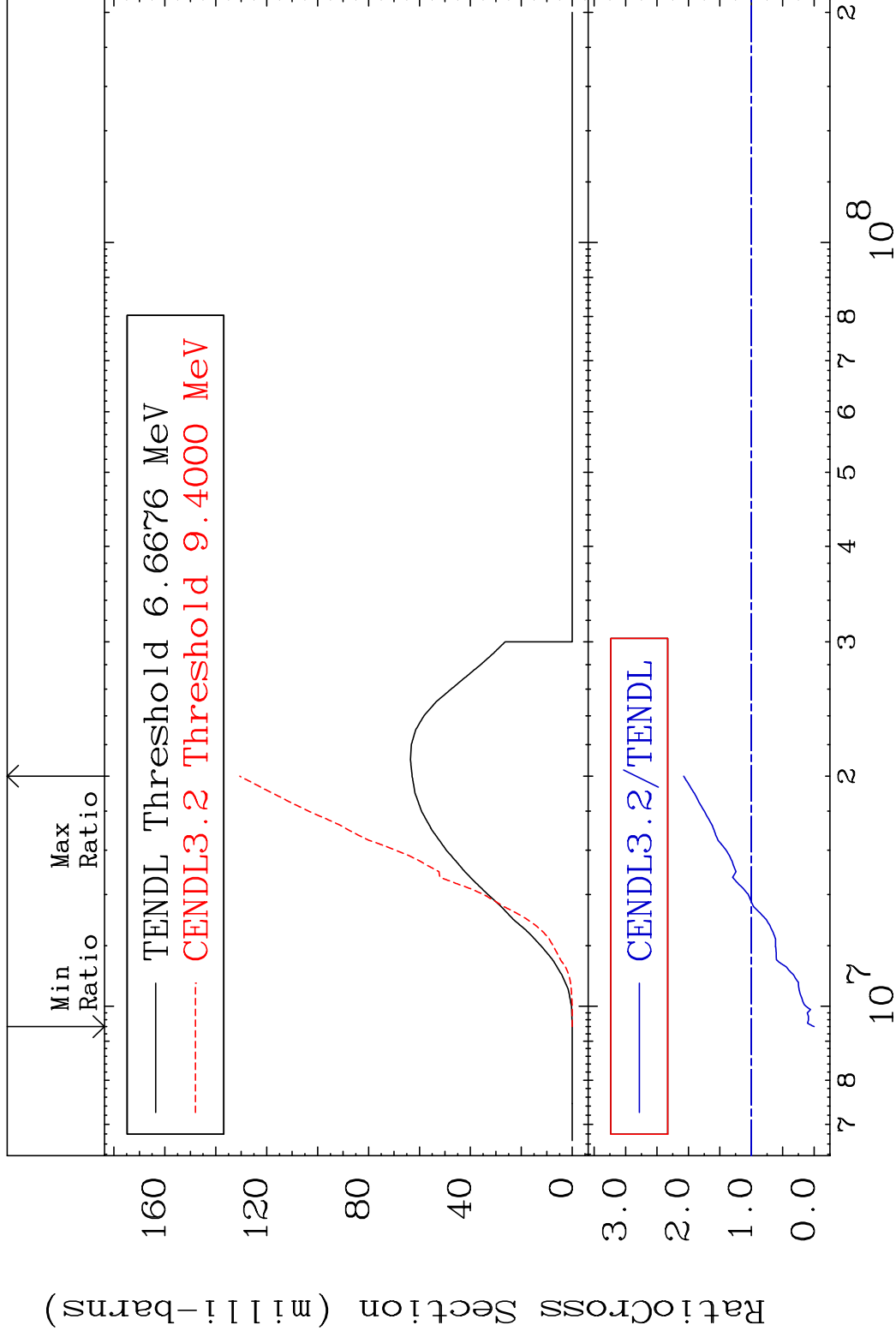


MAT 2825

(n,2p)

²⁸Ni-58

Cross Section -100.0 To 107.7 %

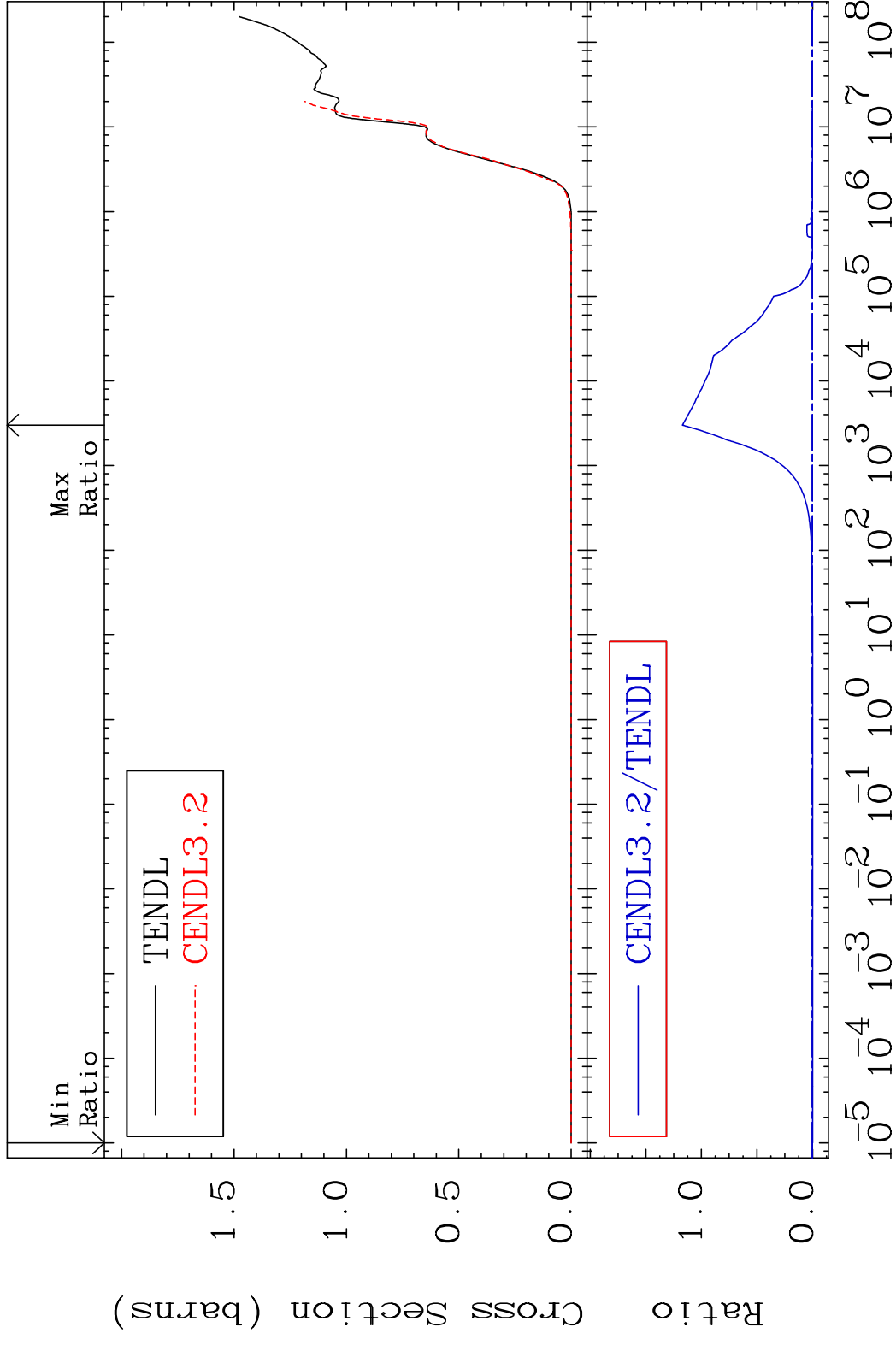


32

Incident Energy (eV)

²⁸Ni-58

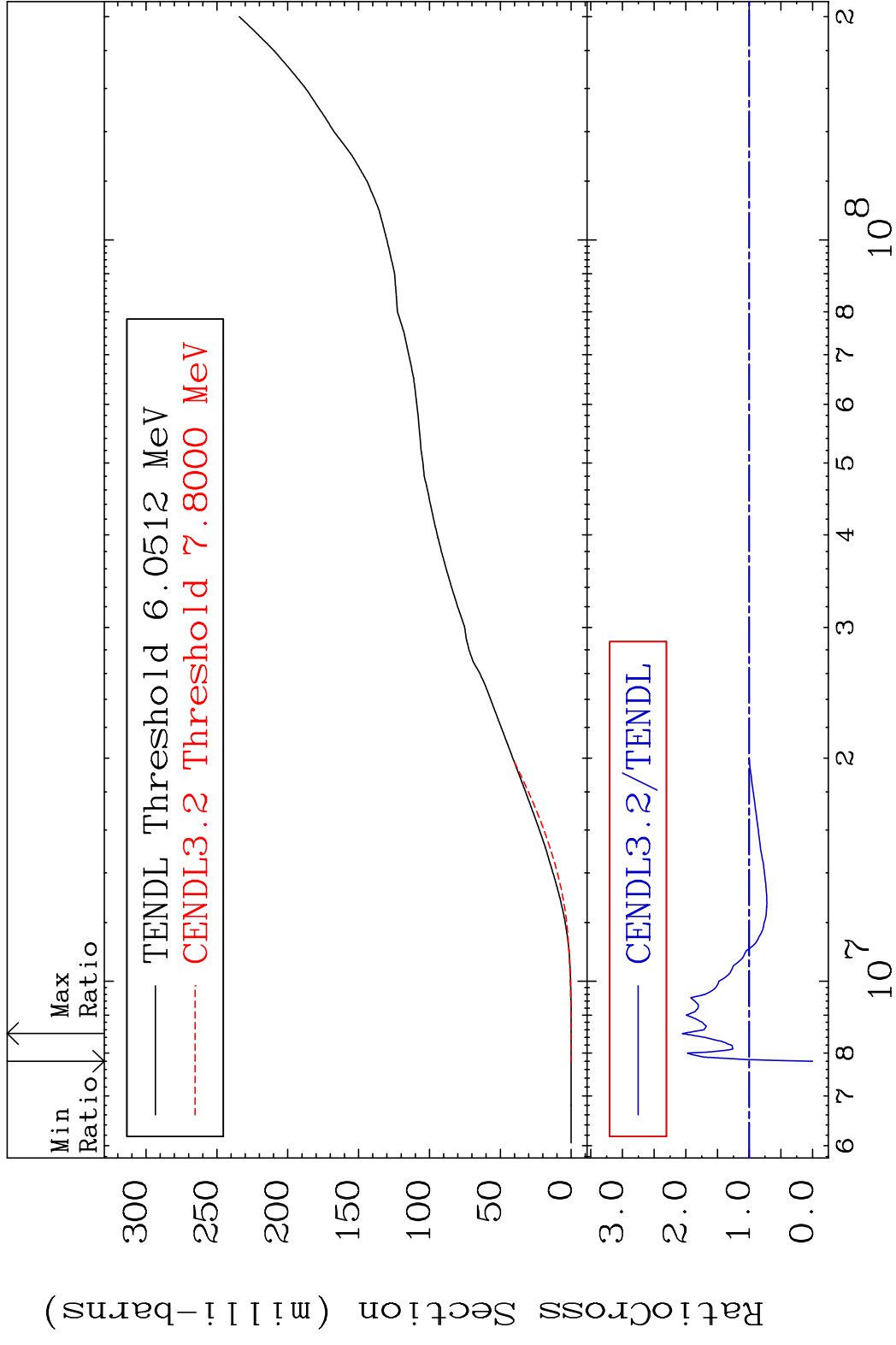
MAT 2825 Hydrogen Production 28-Ni-58
 Cross Section -100.0 To 9999. %



33 Incident Energy (eV) 28-Ni-58

MAT 2825

Deuterium Production ²⁸Ni-58
Cross Section -100.0 To 105.5 %

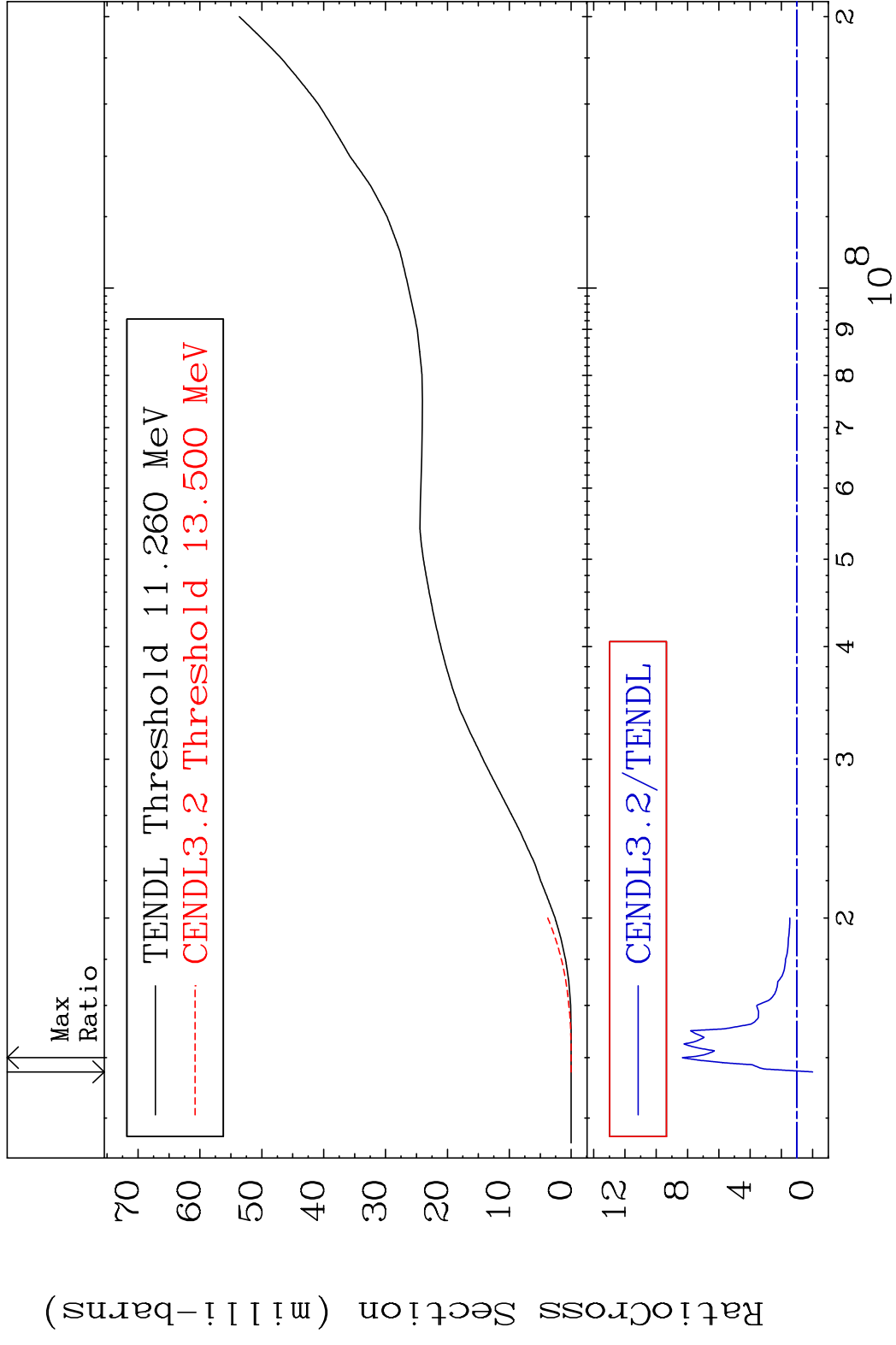


34

Incident Energy (eV)

²⁸Ni-58

MAT 2825 Tritium Production 28-Ni-58
 Cross Section -100.0 To 733.1 %



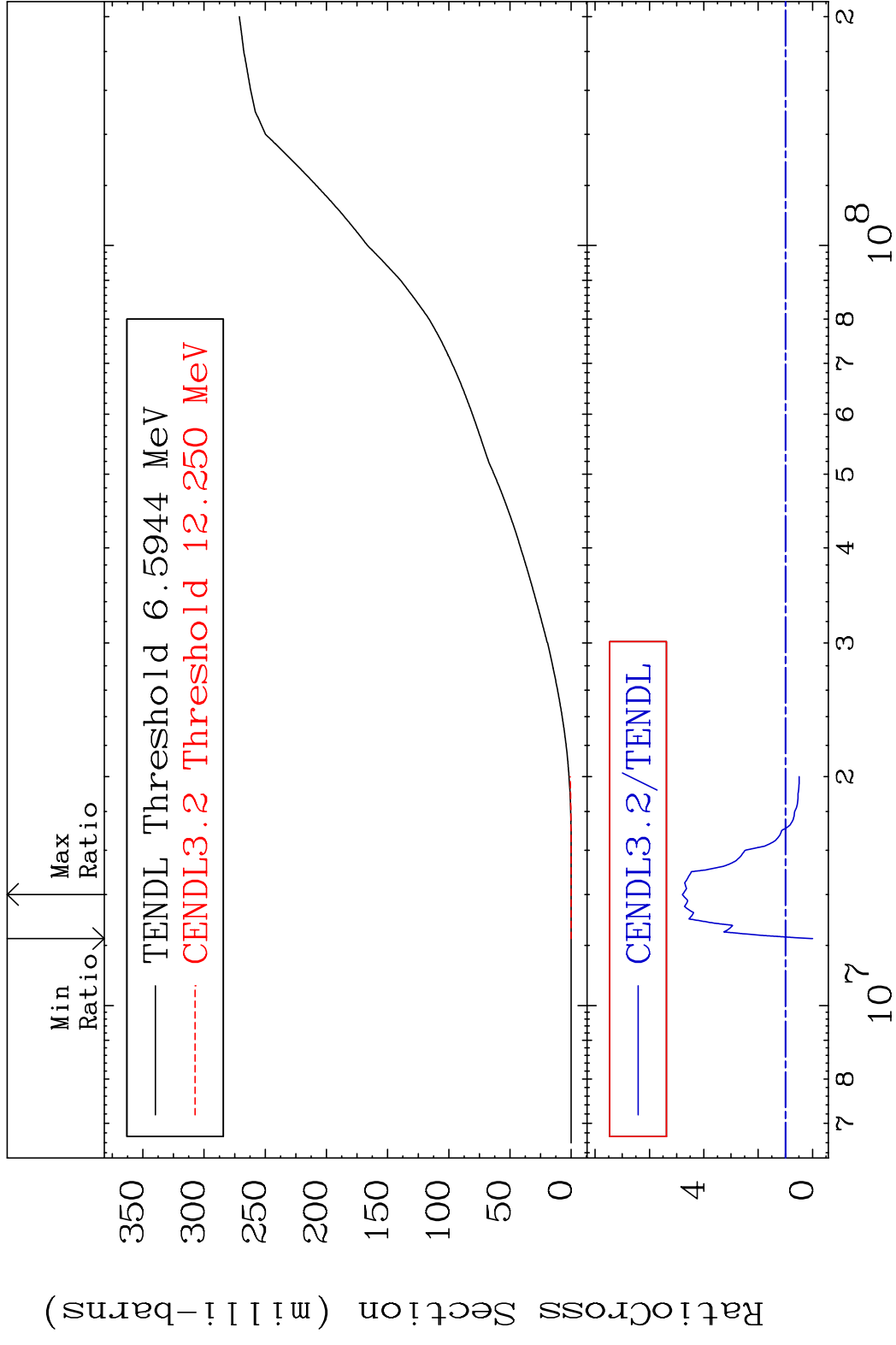
35 Incident Energy (eV) 28-Ni-58

MAT 2825

He-3 Production

28-Ni-58

Cross Section -100.0 To 378.9 %



36

Incident Energy (eV)

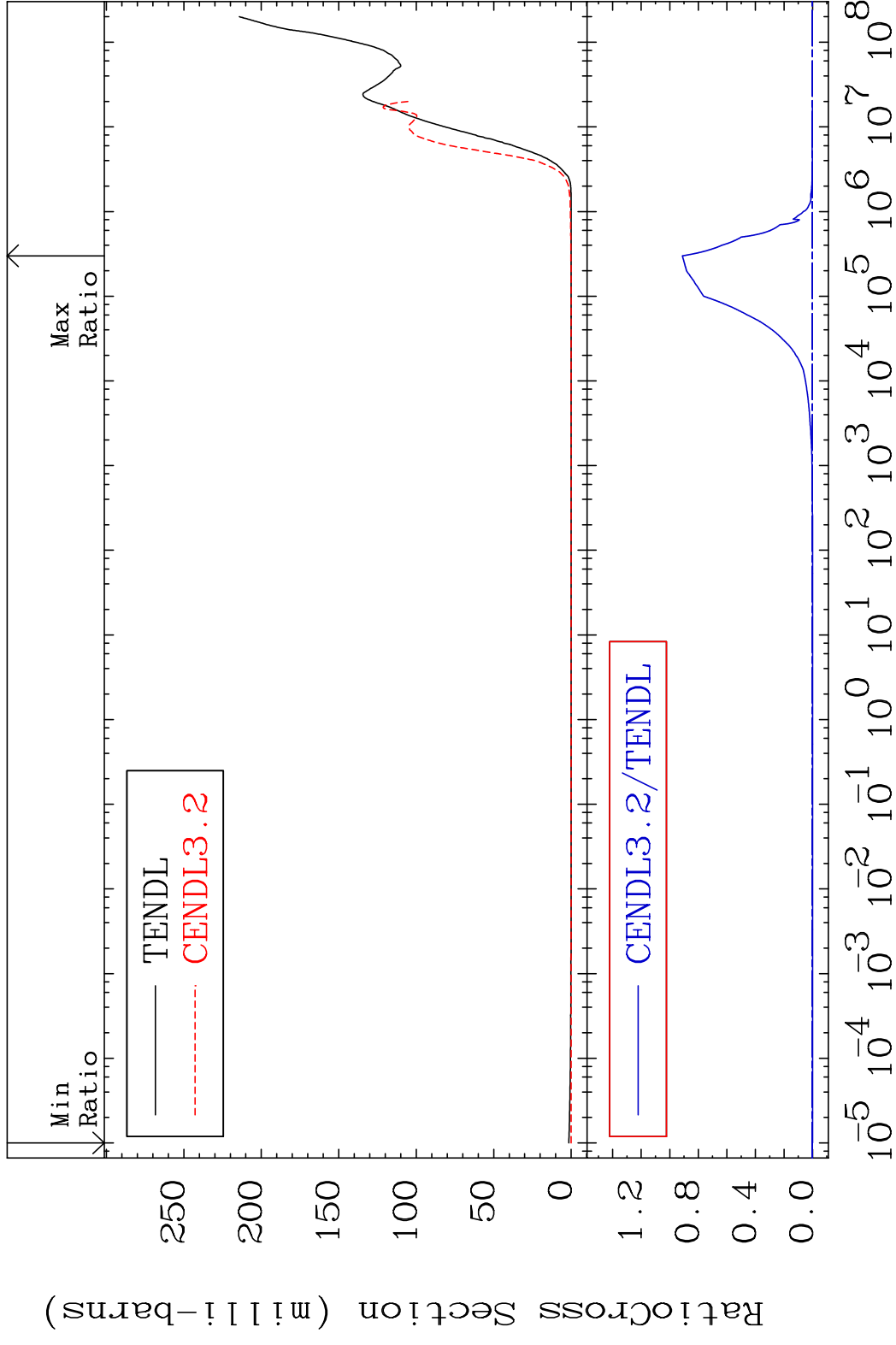
28-Ni-58

MAT 2825

He-4 Production

28-Ni-58

Cross Section -100.0 To 9999. %

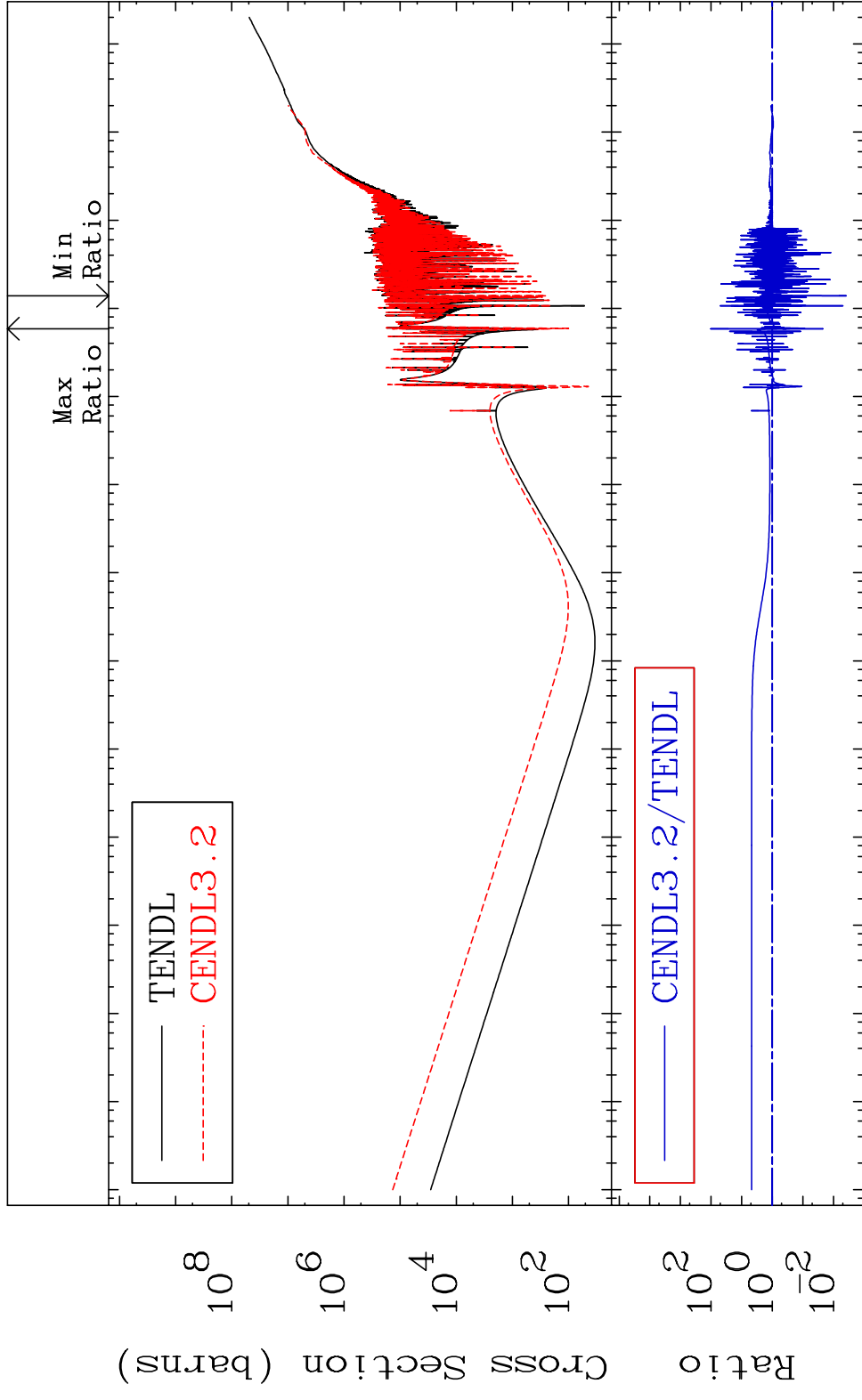


37

Incident Energy (eV)

28-Ni-58

MAT 2825 Kerma total (eV-barns) 28-Ni-58
 Cross Section -99.62 To 9999. %

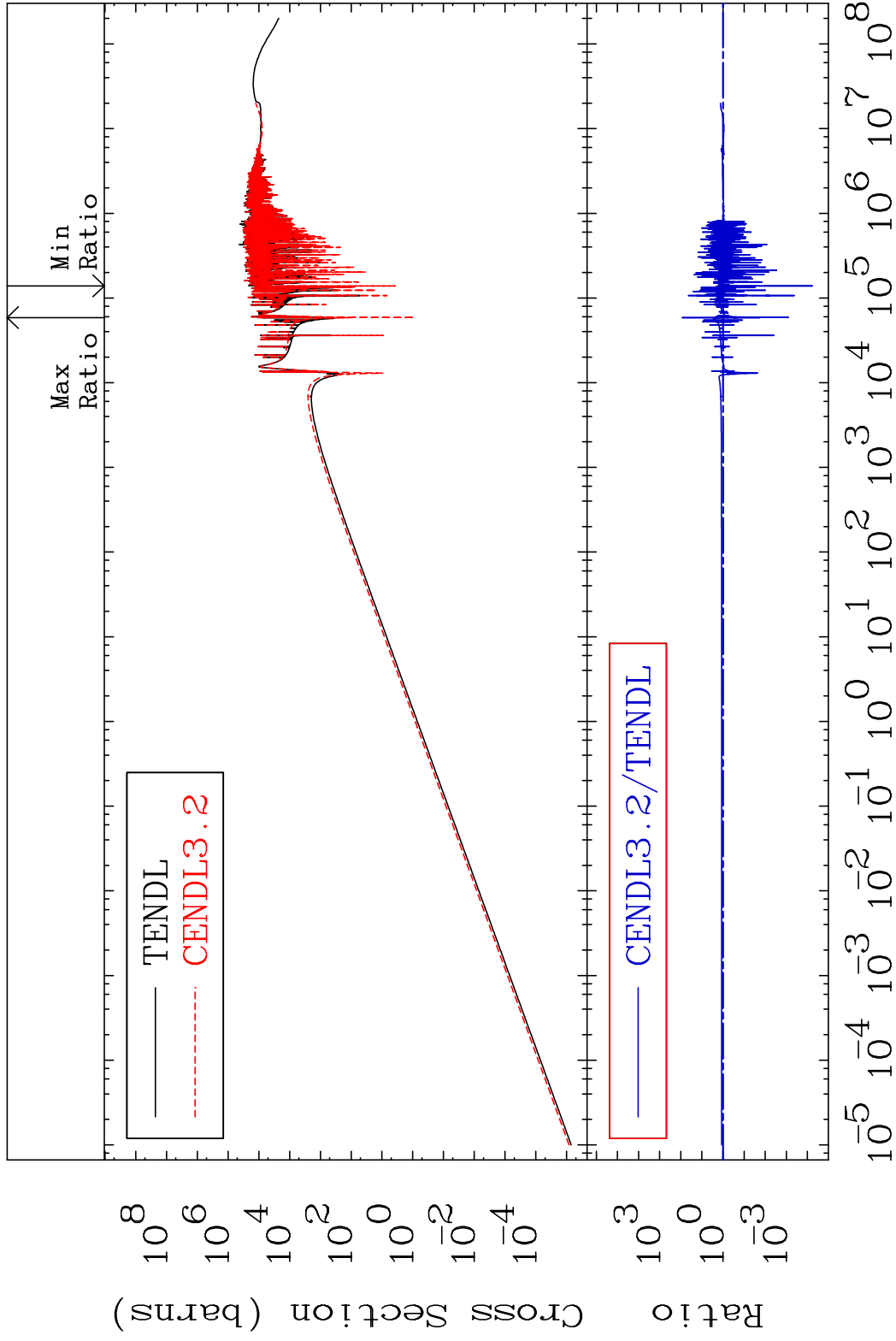


38 Incident Energy (eV) 28-Ni-58

MAT 2825

Kerma elastic
Cross Section

28-Ni-58
-99.99 To 8317. %

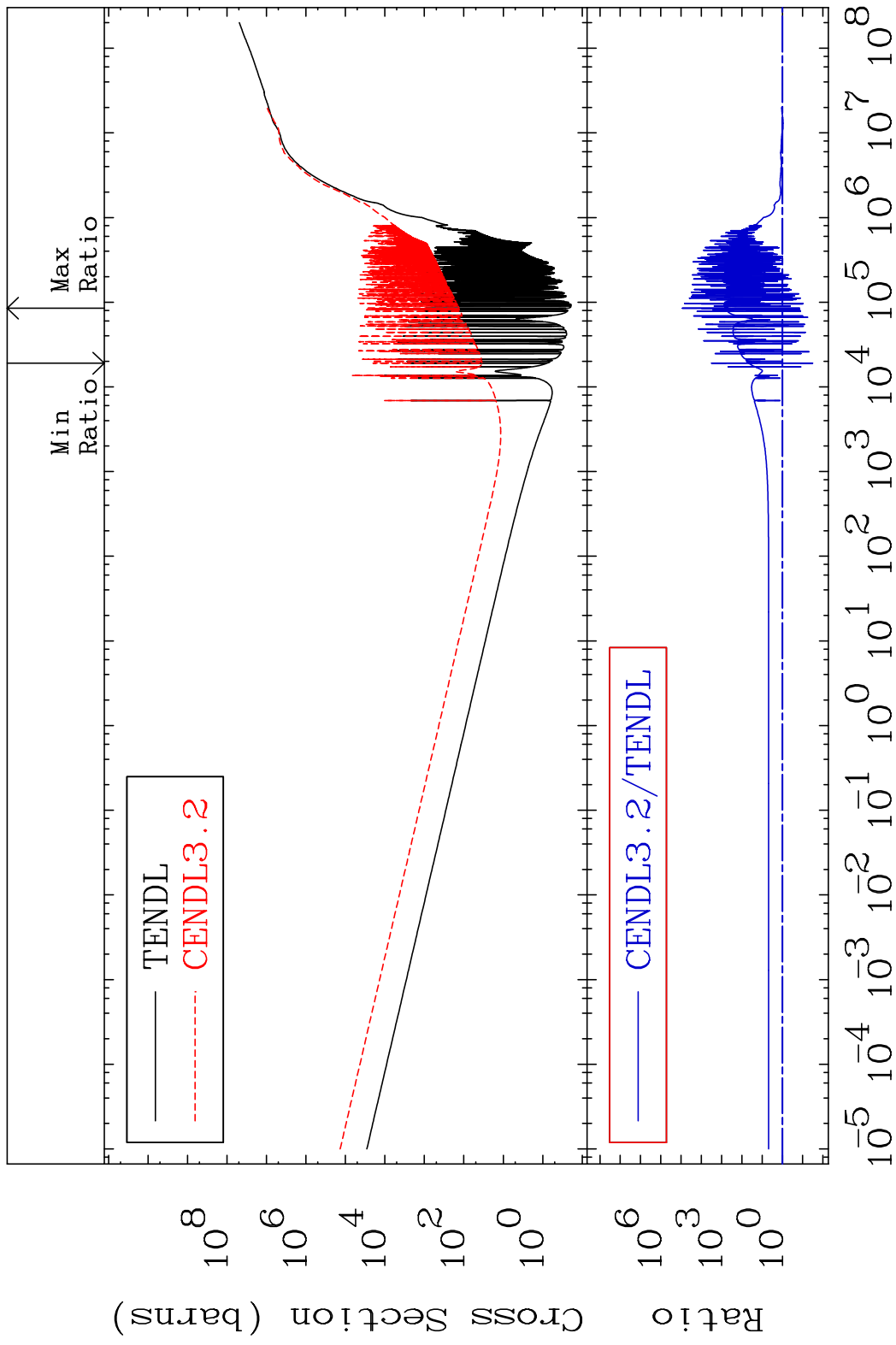


39

Incident Energy (eV)

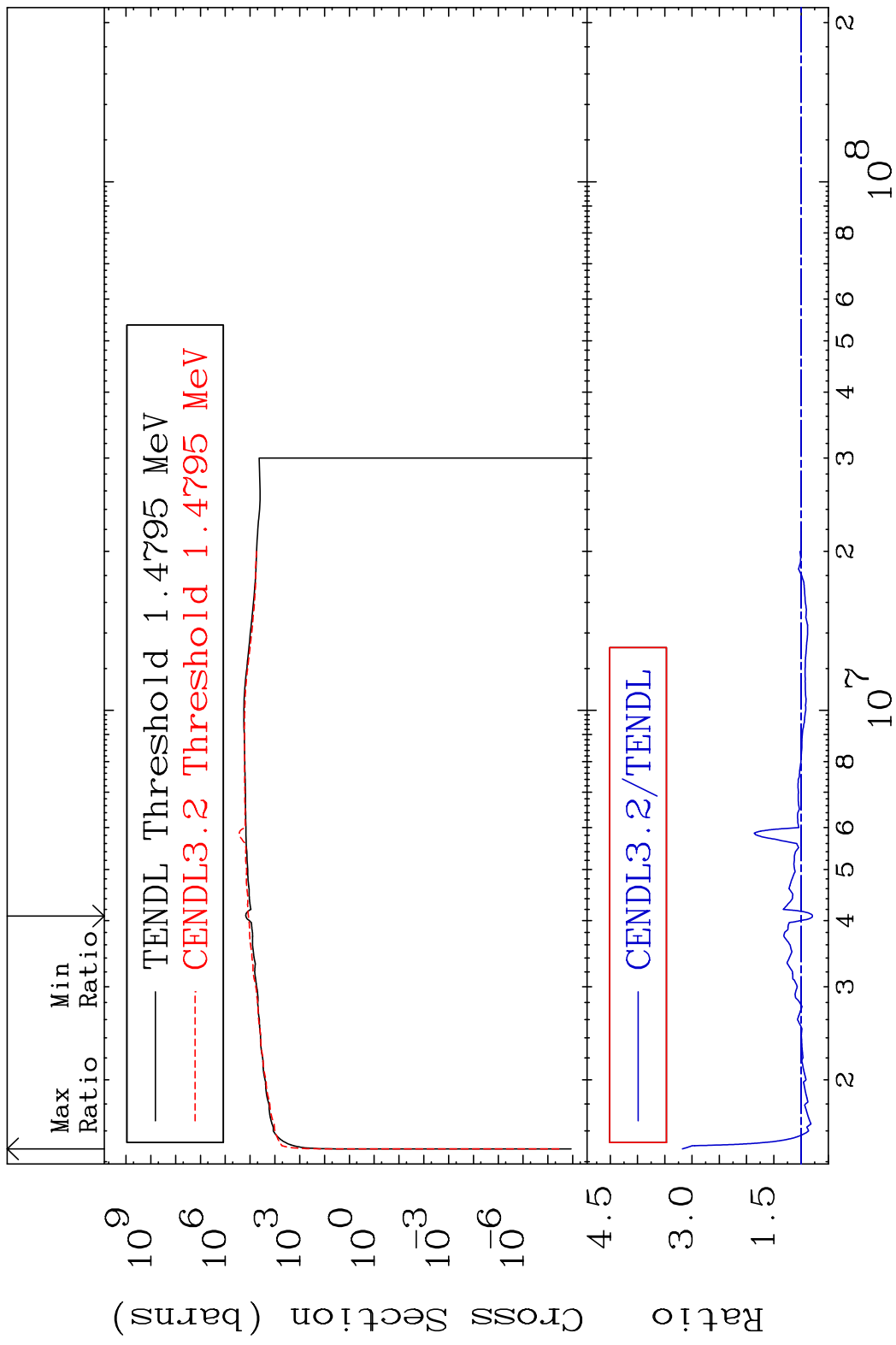
28-Ni-58

MAT 2825 Kerma non-elastic (all but mt2) 28-Ni-58
 Cross Section -96.74 To 9999. %

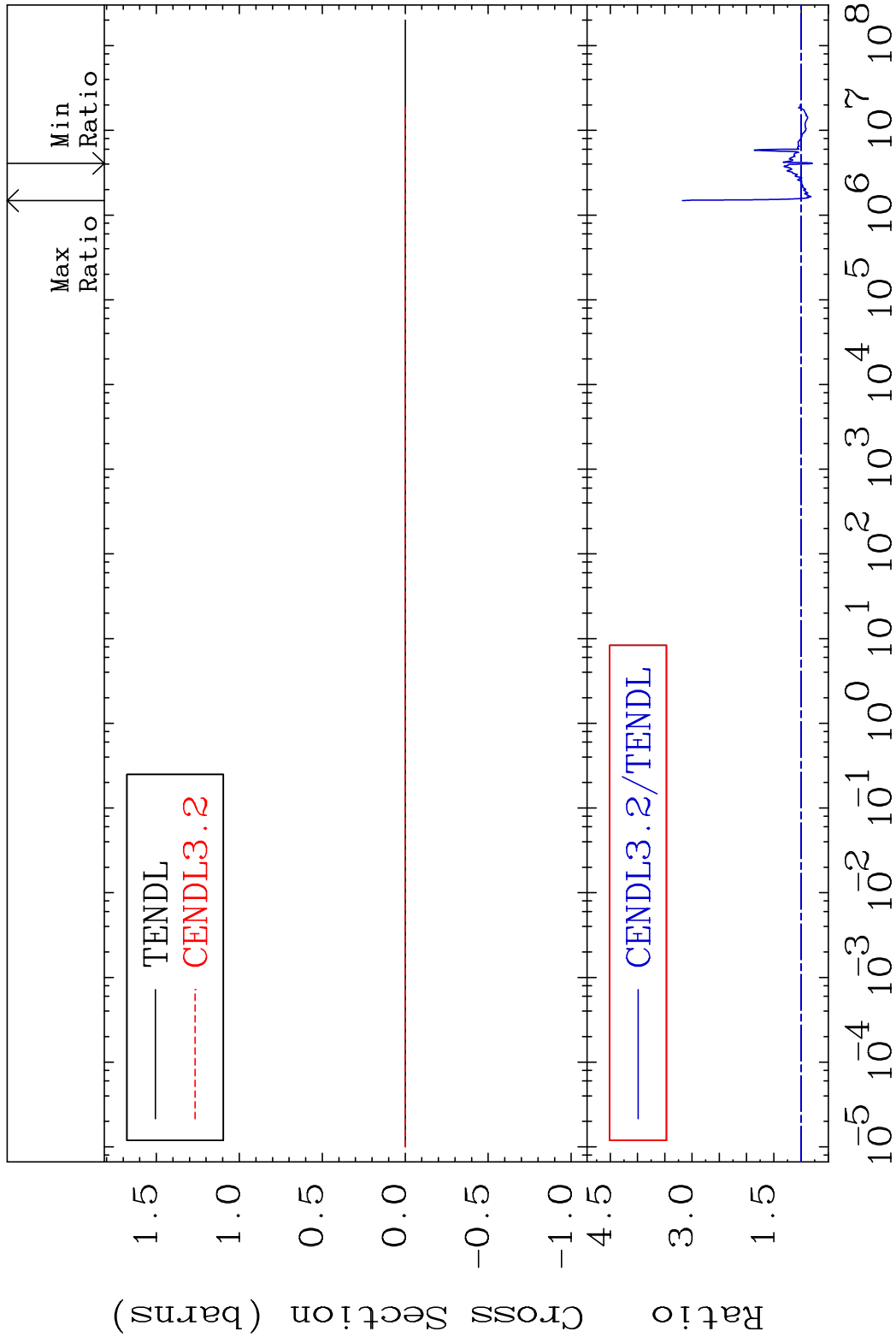


40 Incident Energy (eV) 28-Ni-58

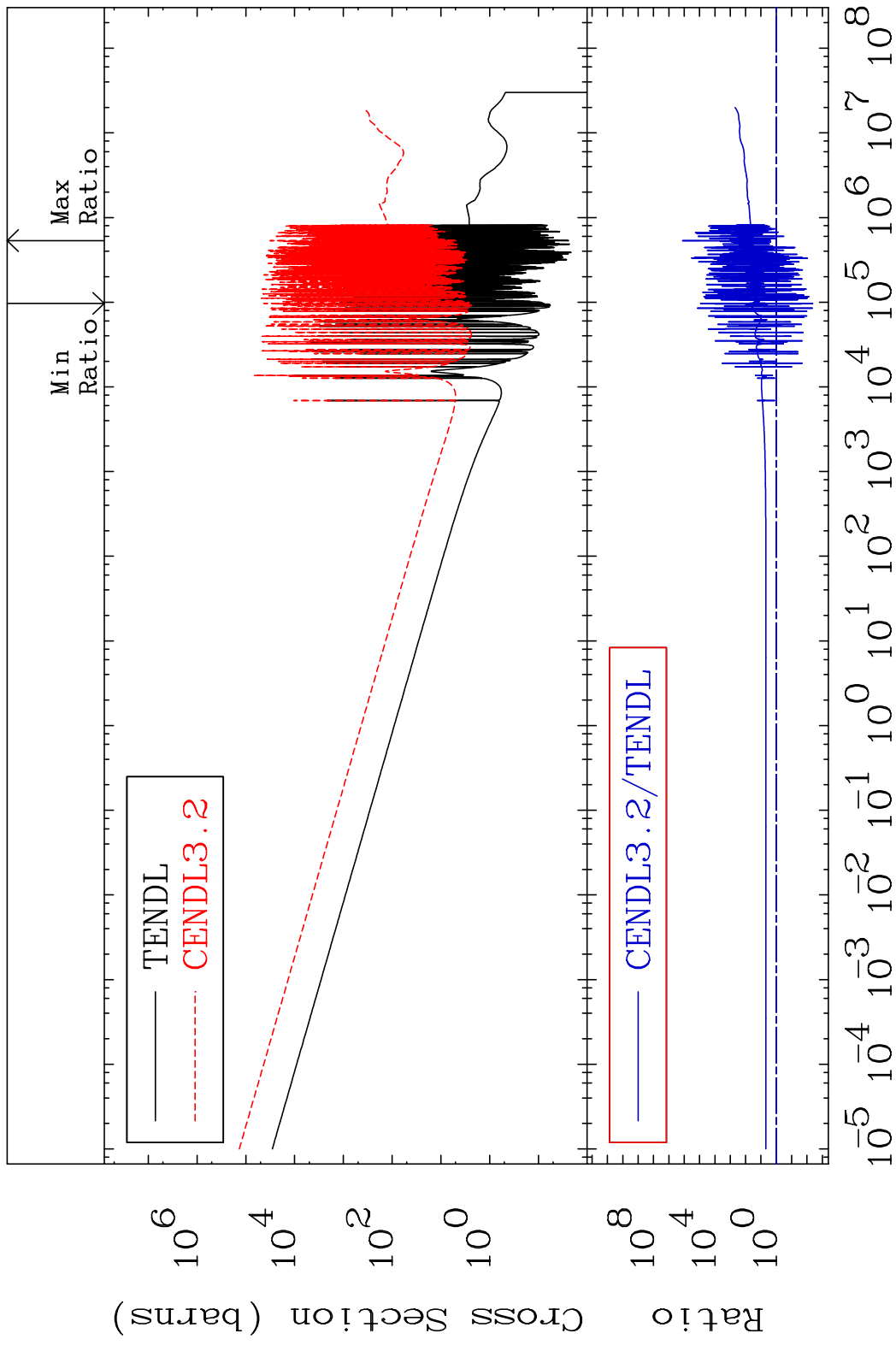
MAT 2825 Kerma inelastic (mt51-91) 28-Ni-58
 Cross Section -21.03 To 217.8 %



MAT 2825 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-58
 Cross Section -21.03 To 217.8 %

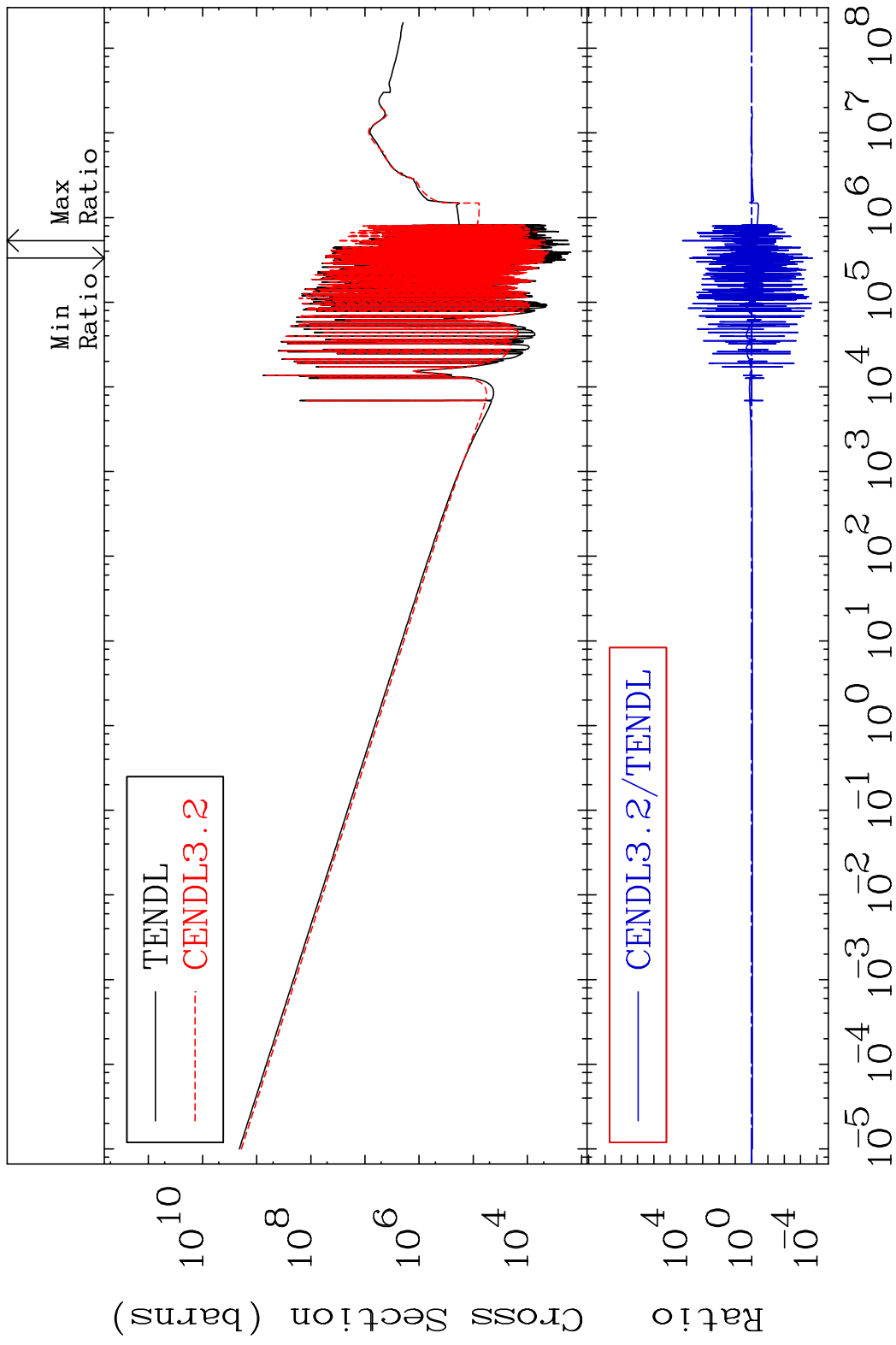


MAT 2825 Kerma capture (mt102) 28-Ni-58
 Cross Section -99.57 To 9999. %



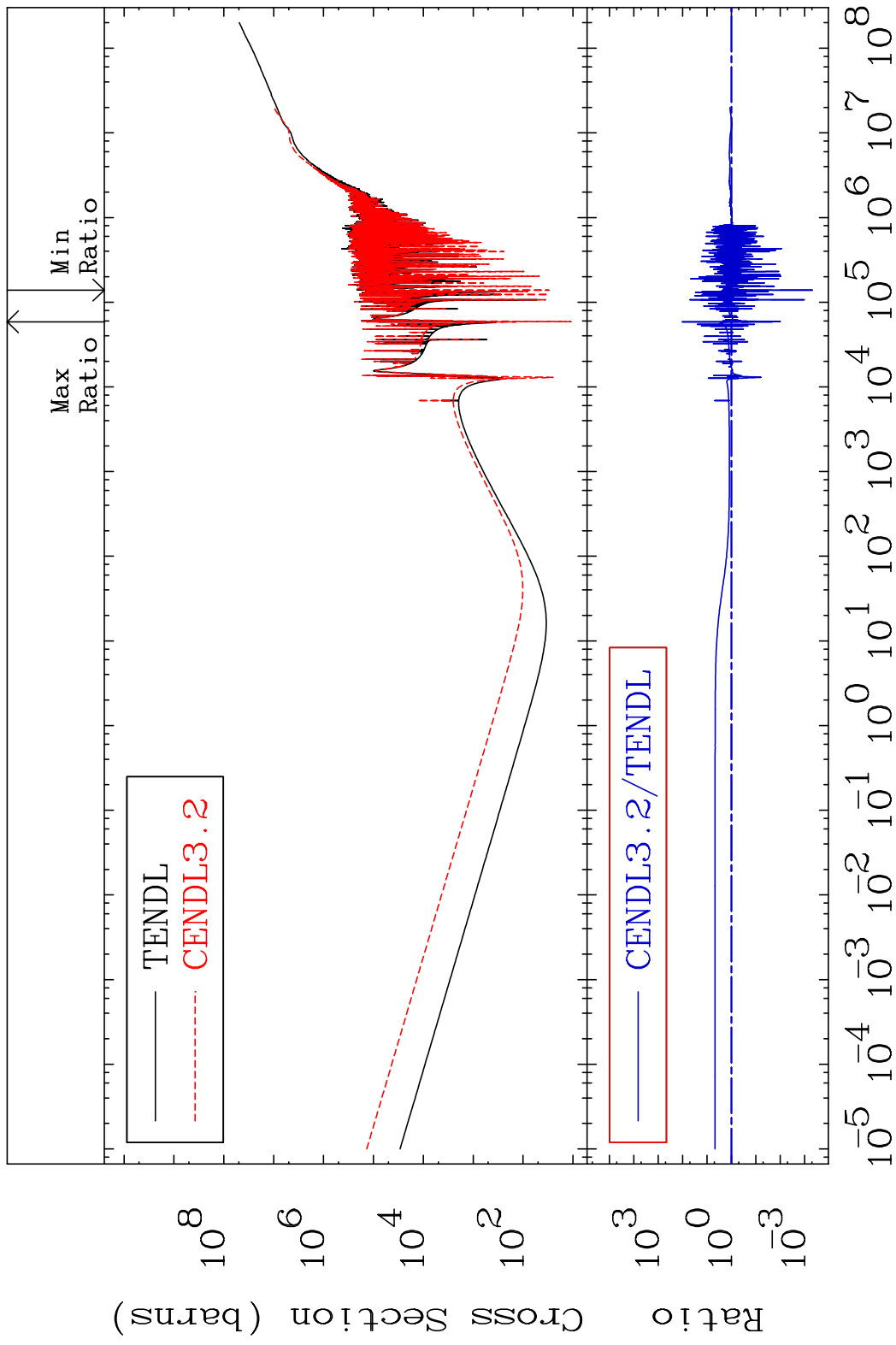
43 Incident Energy (eV) 28-Ni-58

MAT 2825 Total photon (eV-barns) 28-Ni-58
 Cross Section -99.98 To 9999. %

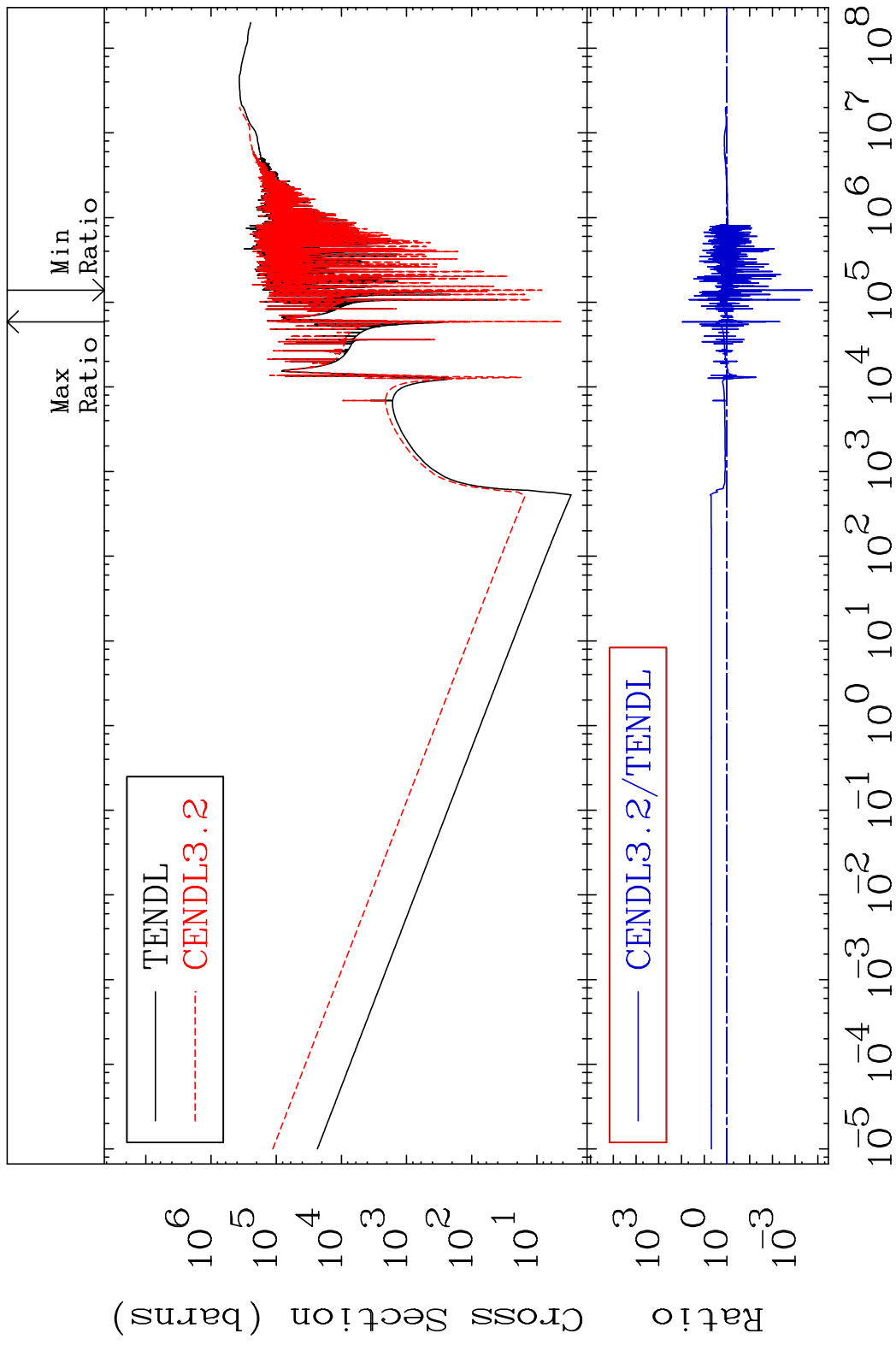


44 Incident Energy (eV) 28-Ni-58

MAT 2825 Total kinematic kerma (high limit) 28-Ni-58
 Cross Section -99.95 To 9999. %



MAT 2825 Dpa total (eV-barns) 28-Ni-58
 Cross Section -99.98 To 9055. %



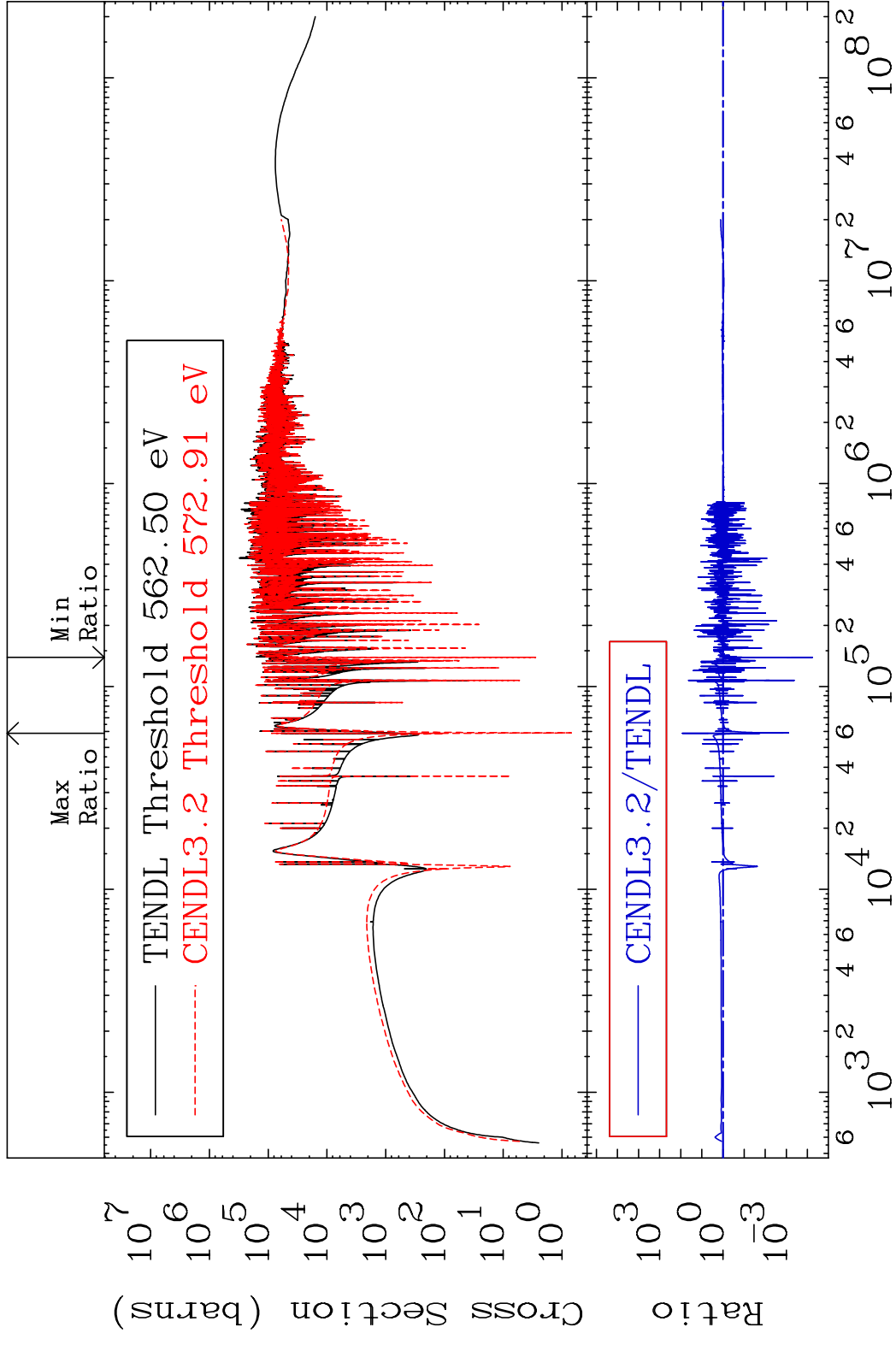
46 Incident Energy (eV) 28-Ni-58

MAT 2825

Dpa elastic (mt2)

28-Ni-58

Cross Section -99.99 To 8318. %

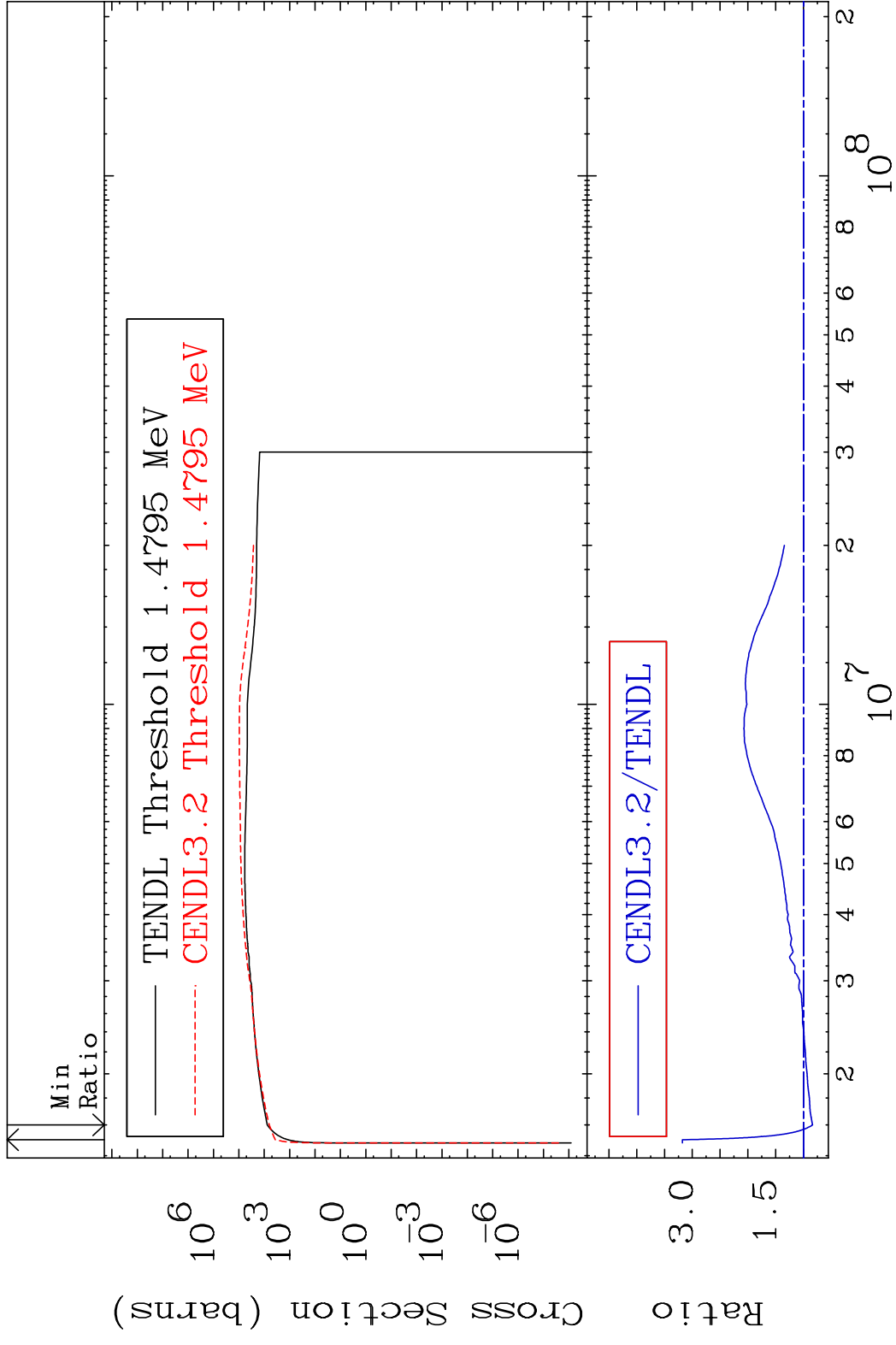


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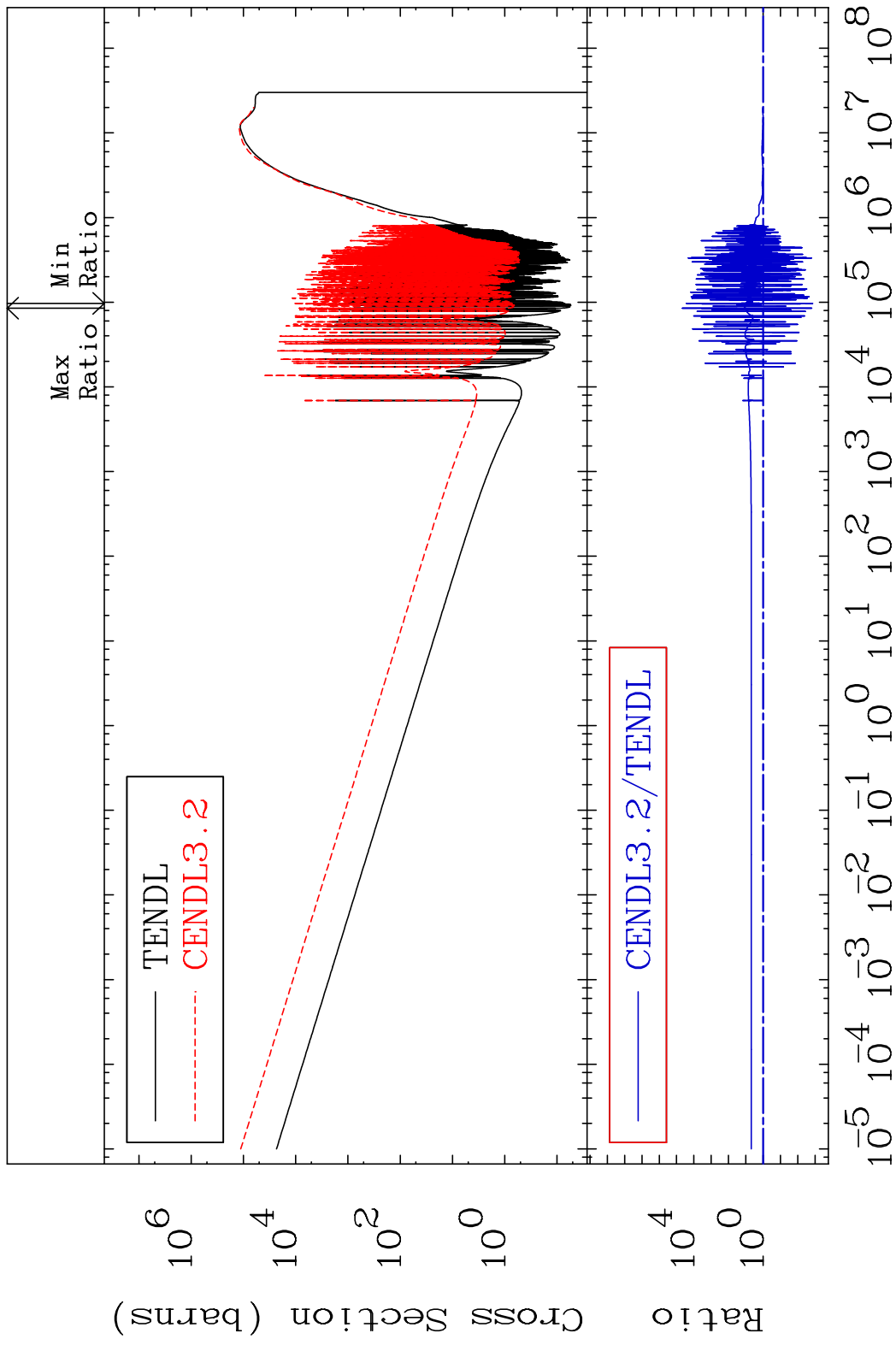
Incident Energy (eV)

28-Ni-58

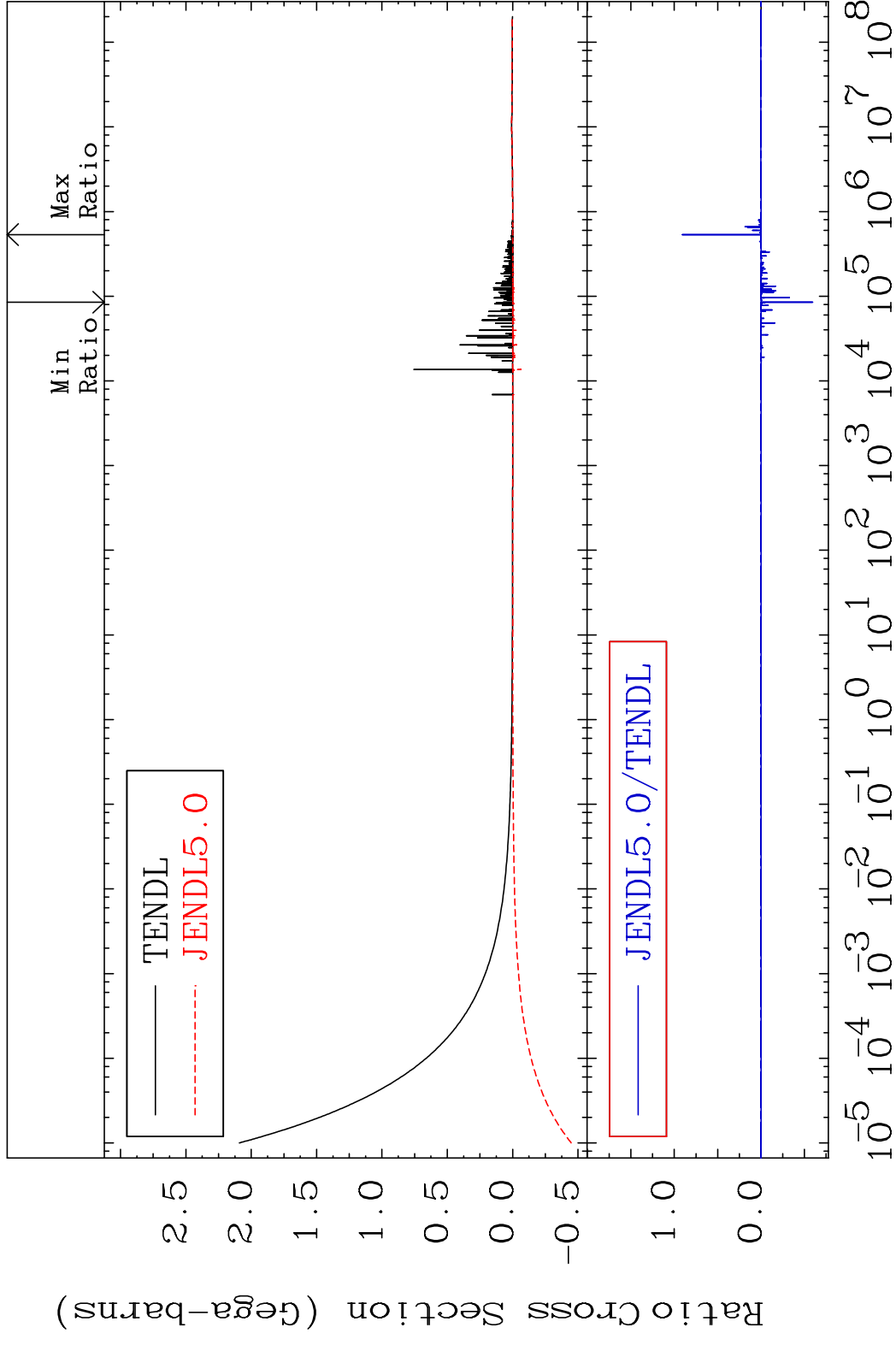
MAT 2825 Dpa inelastic (mt51-91) 28-Ni-58
 Cross Section -16.38 To 217.9 %



MAT 2825 Dpa disappearance (mt102 -120) 28-Ni-58
 Cross Section -99.86 To 9999. %

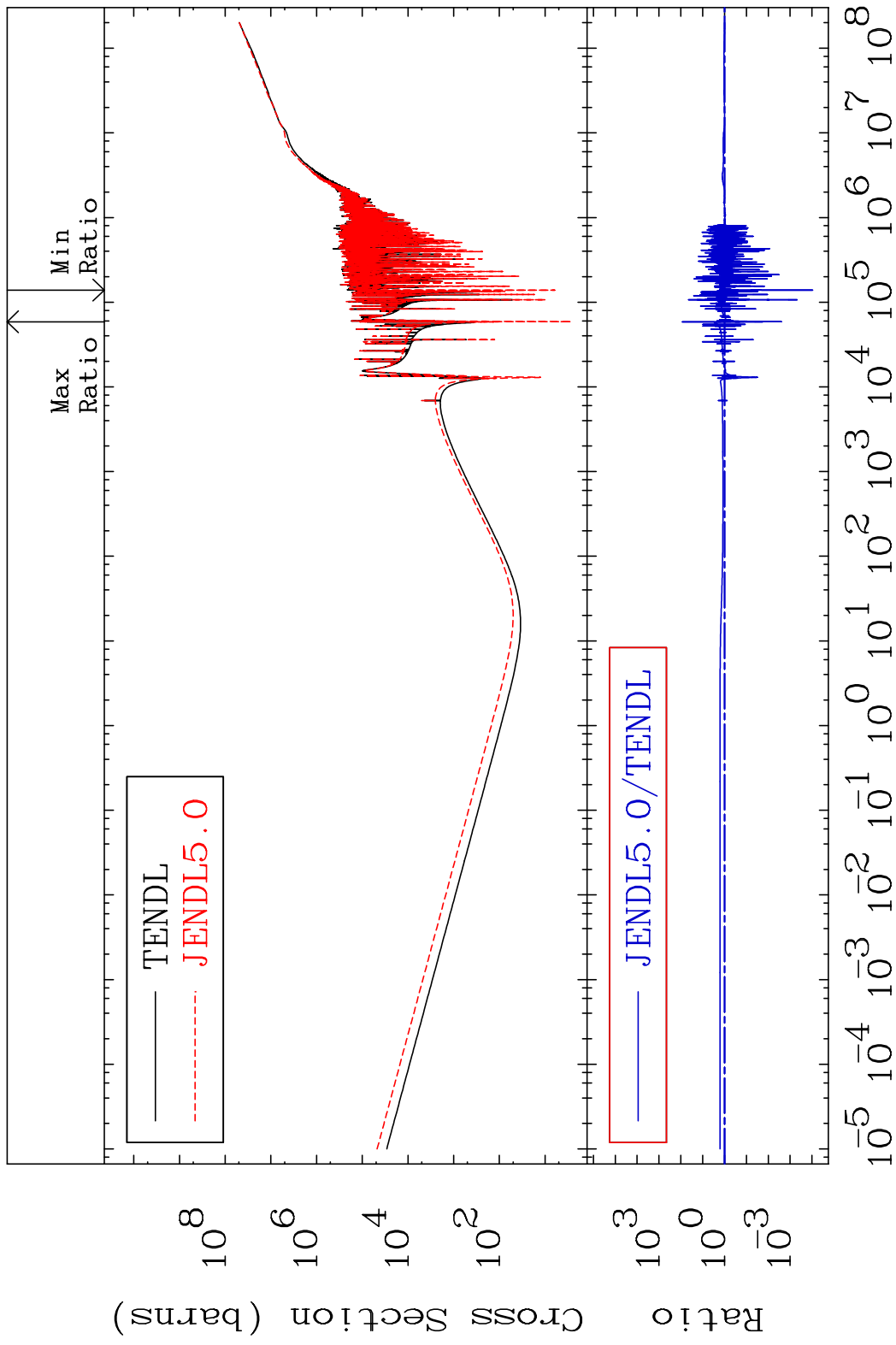


MAT 2825 Total photon (eV-barns) 28-Ni-58
Cross Section -9999. To 9999. %

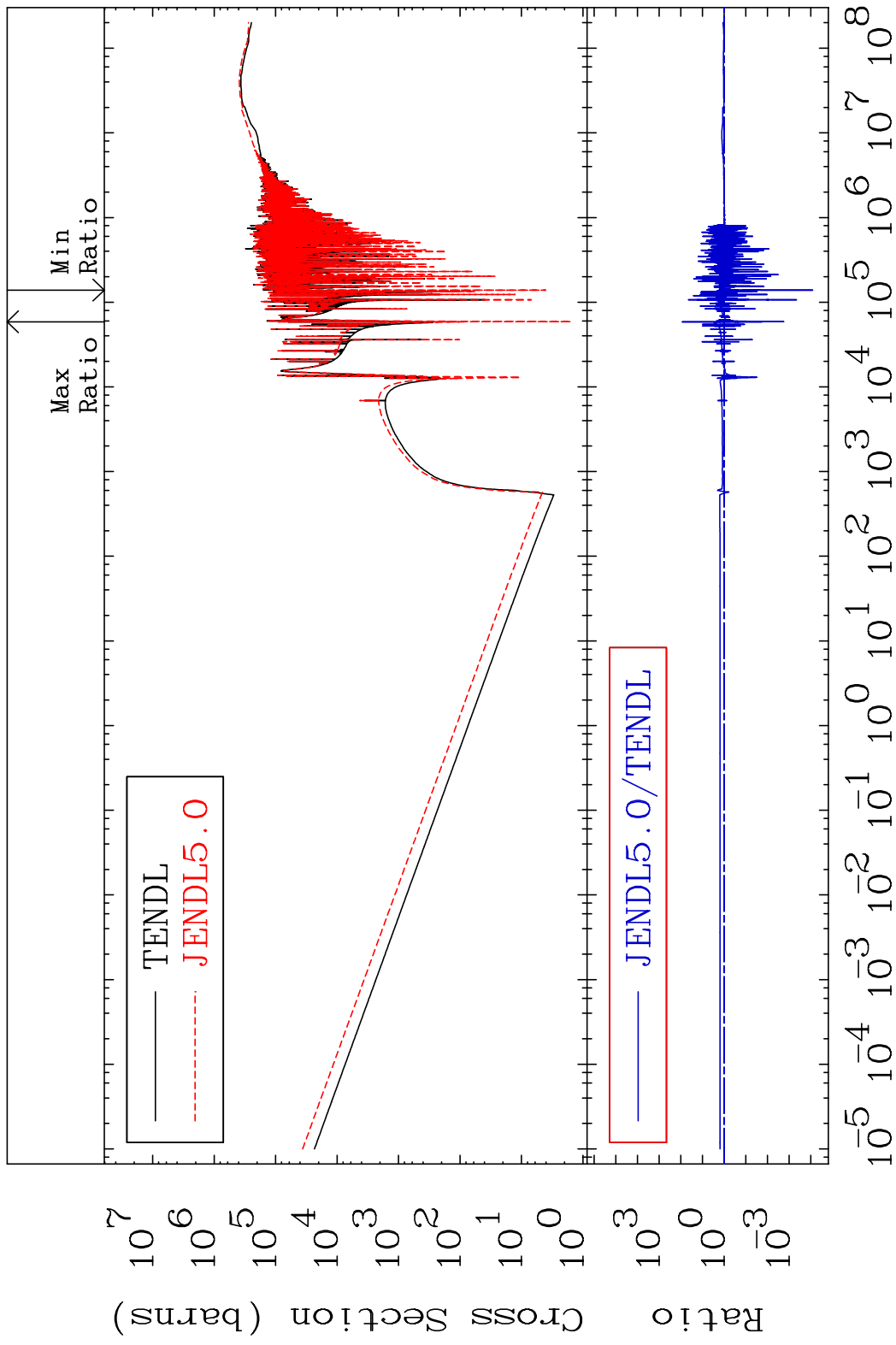


50 Incident Energy (eV) 28-Ni-58

MAT 2825 Total kinematic kerma (high limit) 28-Ni-58
 Cross Section -99.99 To 8415. %



MAT 2825 Dpa total (eV-barns) 28-Ni-58
 Cross Section -99.99 To 8420. %



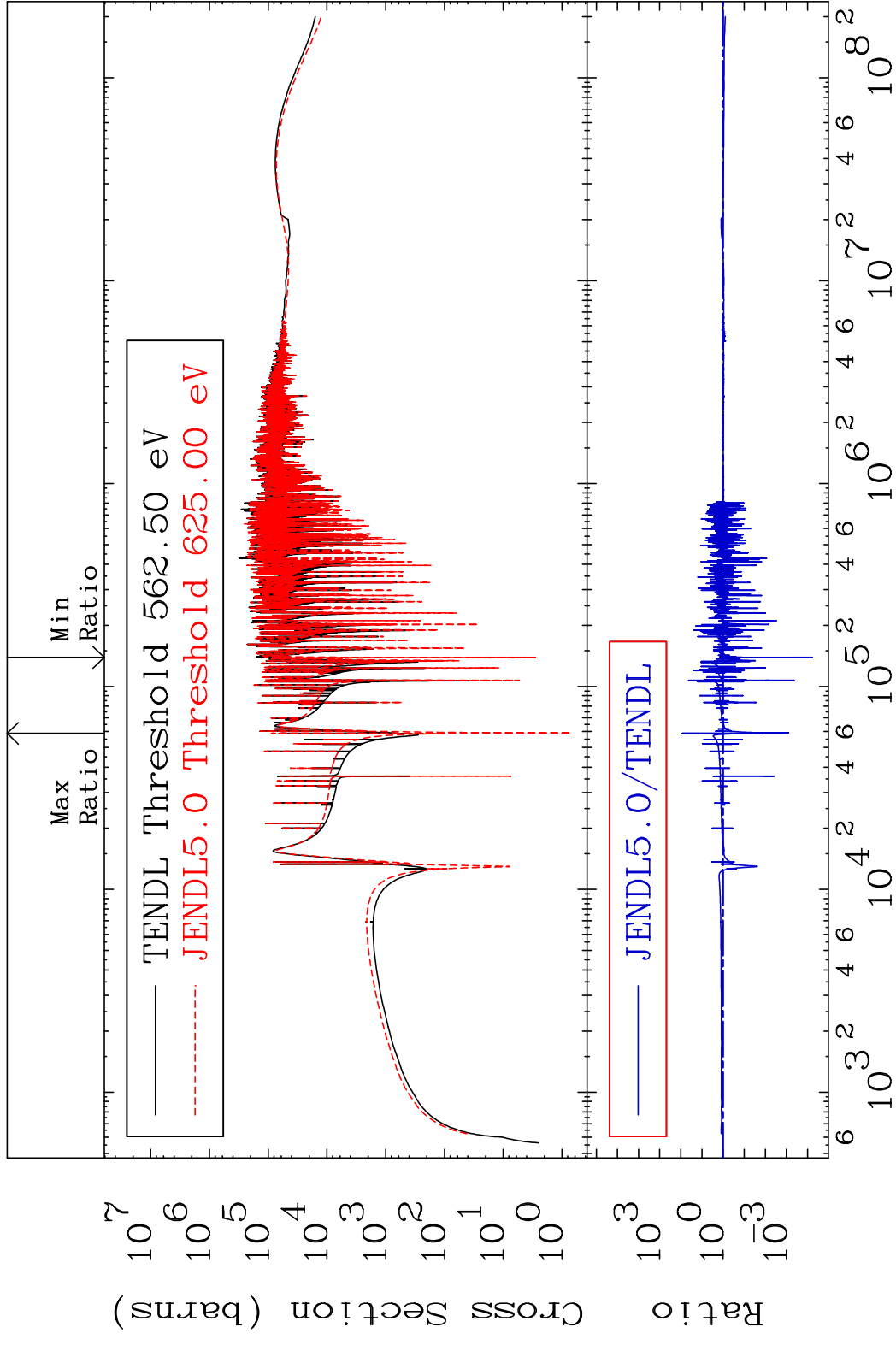
52 Incident Energy (eV) 28-Ni-58

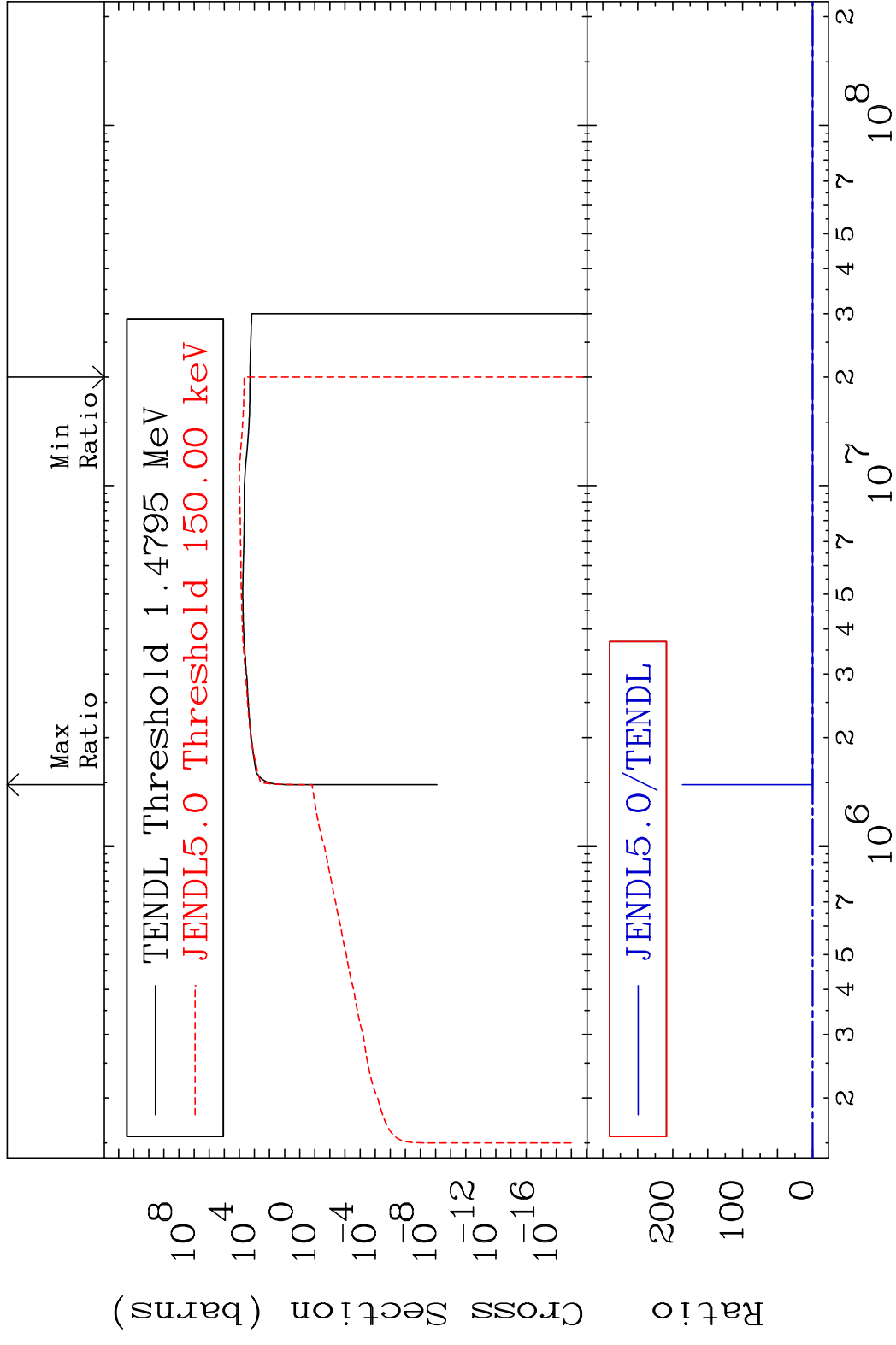
MAT 2825

Dpa elastic (mt2)

28-Ni-58

Cross Section -99.99 To 8345. %





MAT 2825 Dpa disappearance (mt102 -120) 28-Ni-58
Cross Section -100.0 To 9999. %

