

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

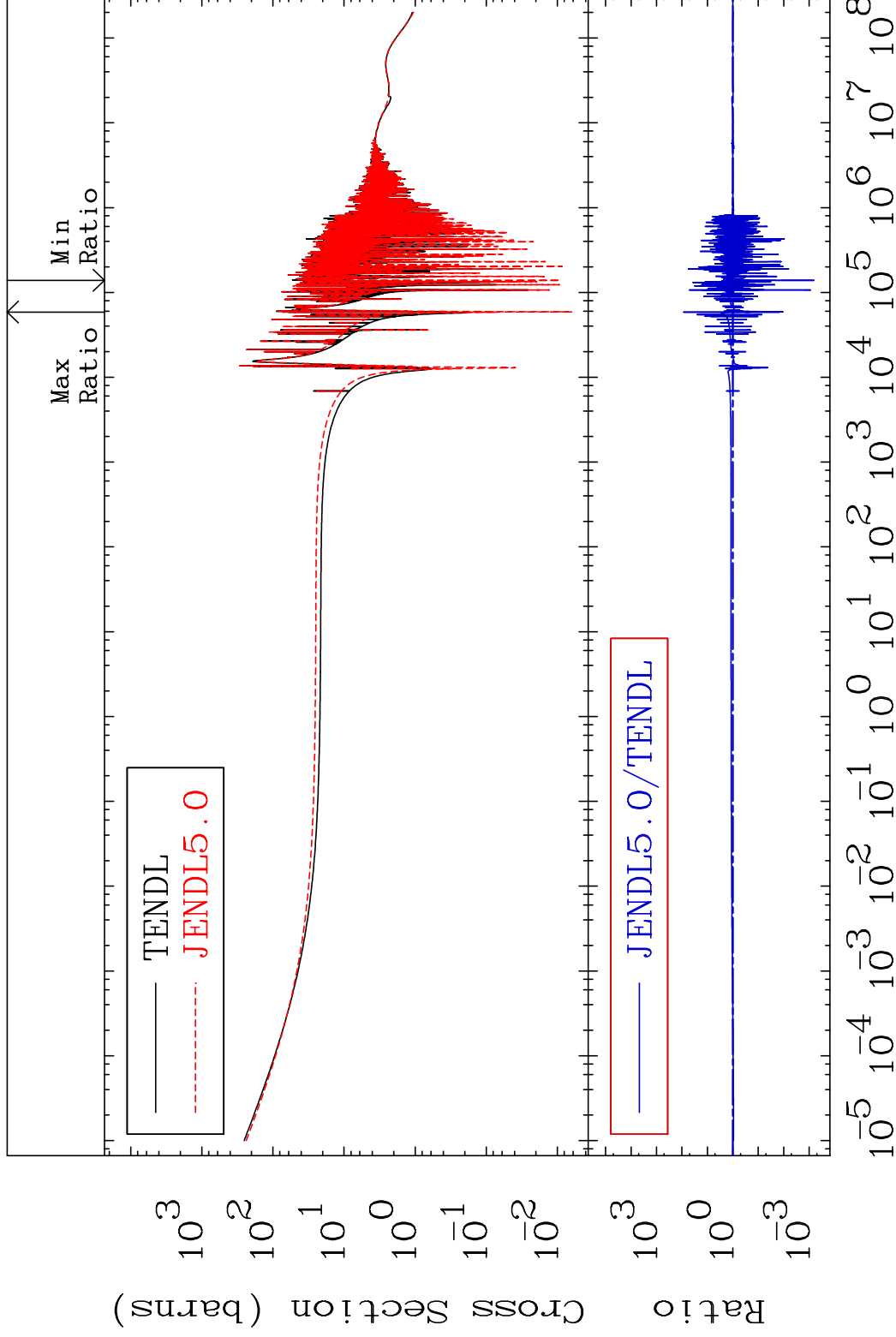
MAT 2825

Total

28-Ni-58

Cross Section

-99.94 To 8458. %

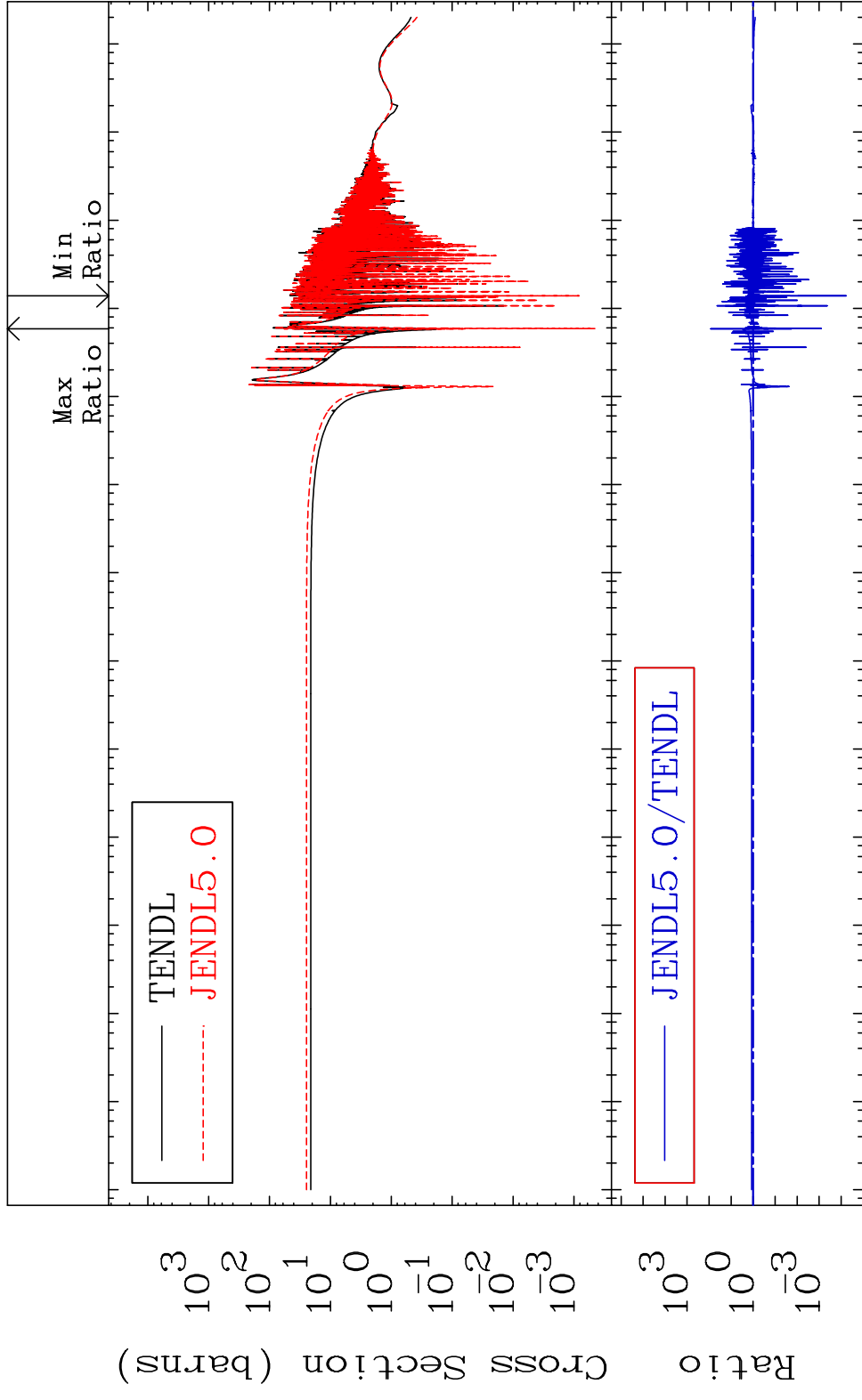


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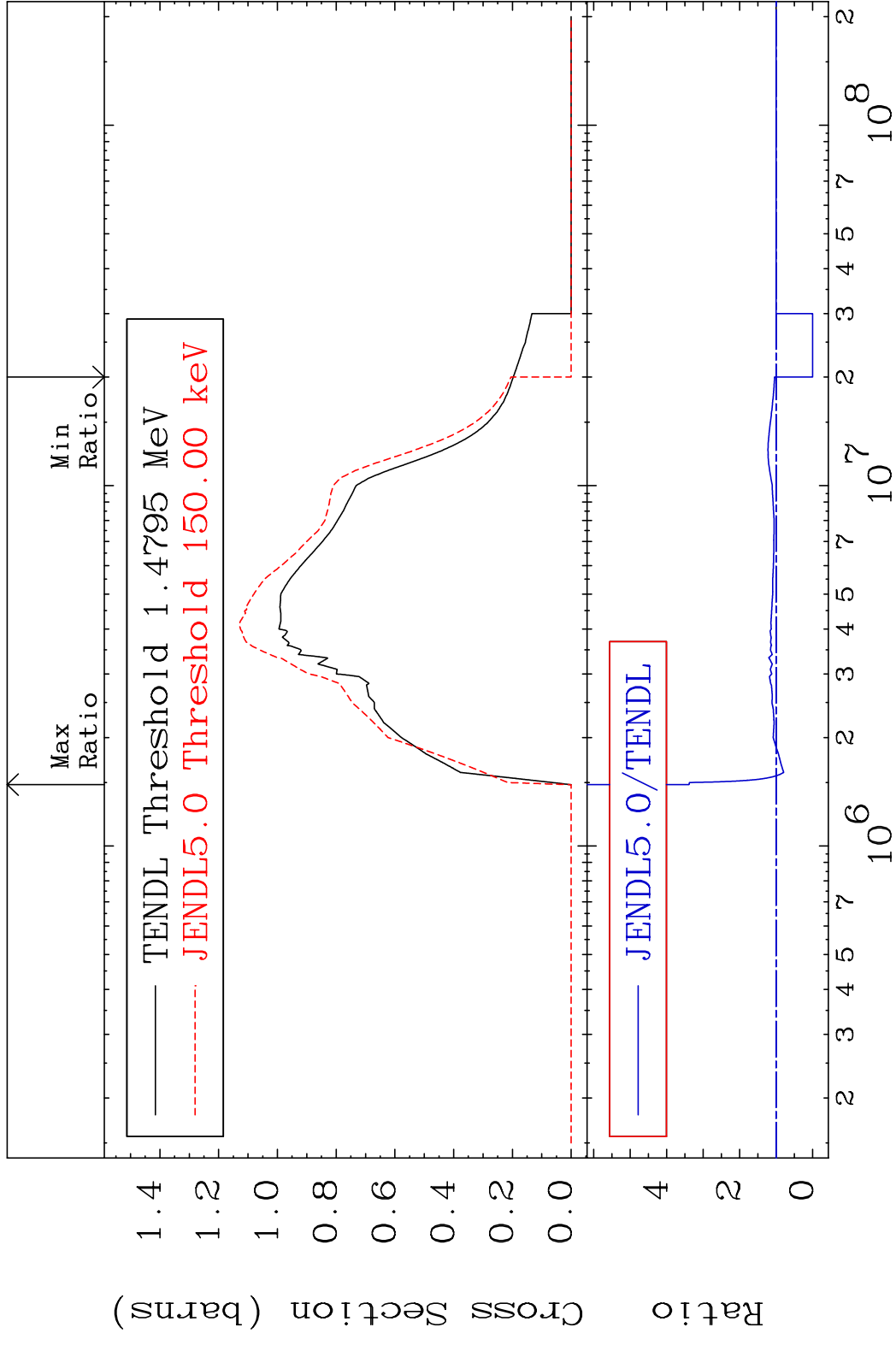
Incident Energy (eV)

28-Ni-58

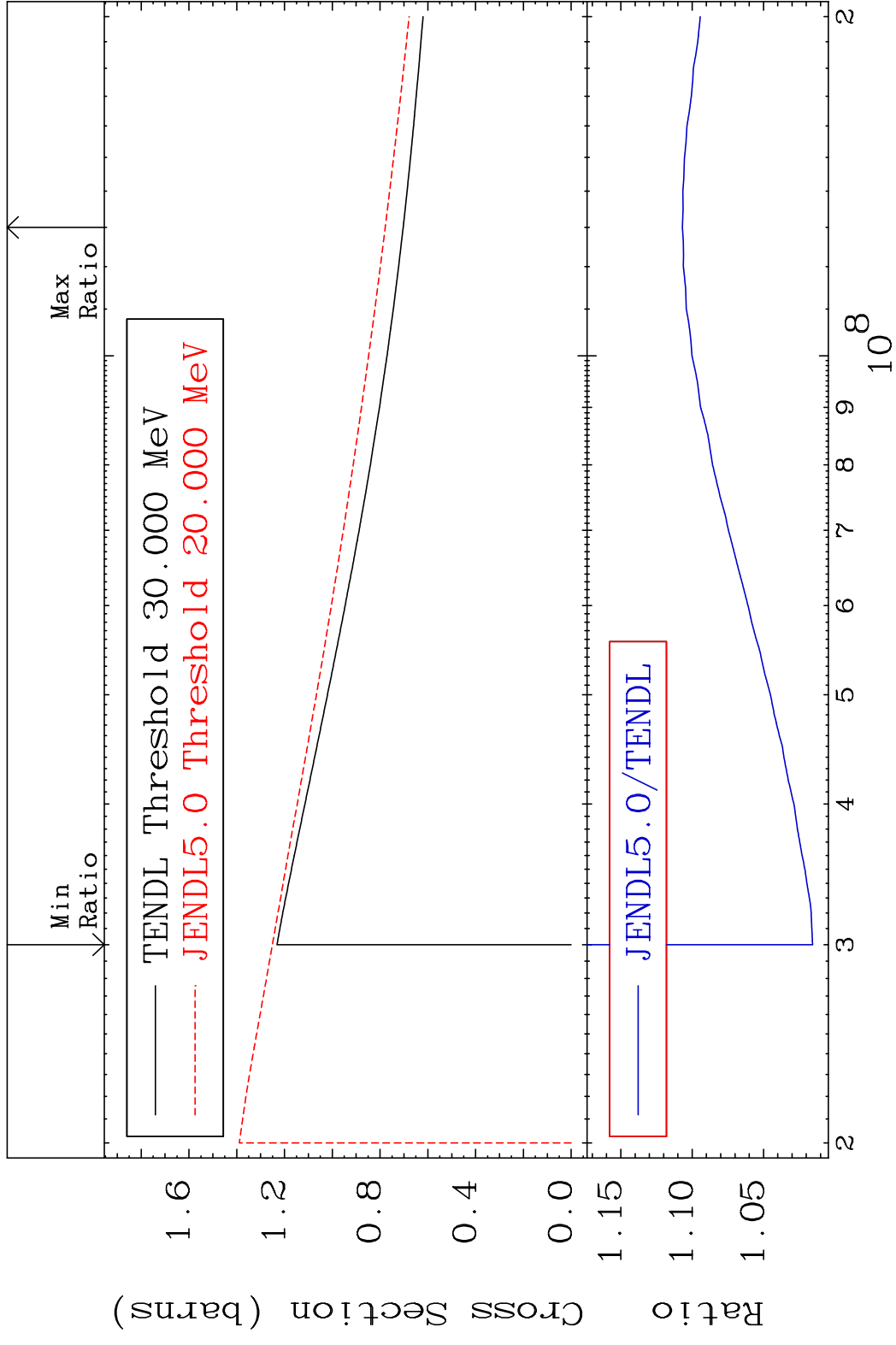
MAT 2825 Elastic 28-Ni-58
 Cross Section -99.99 To 8359. %



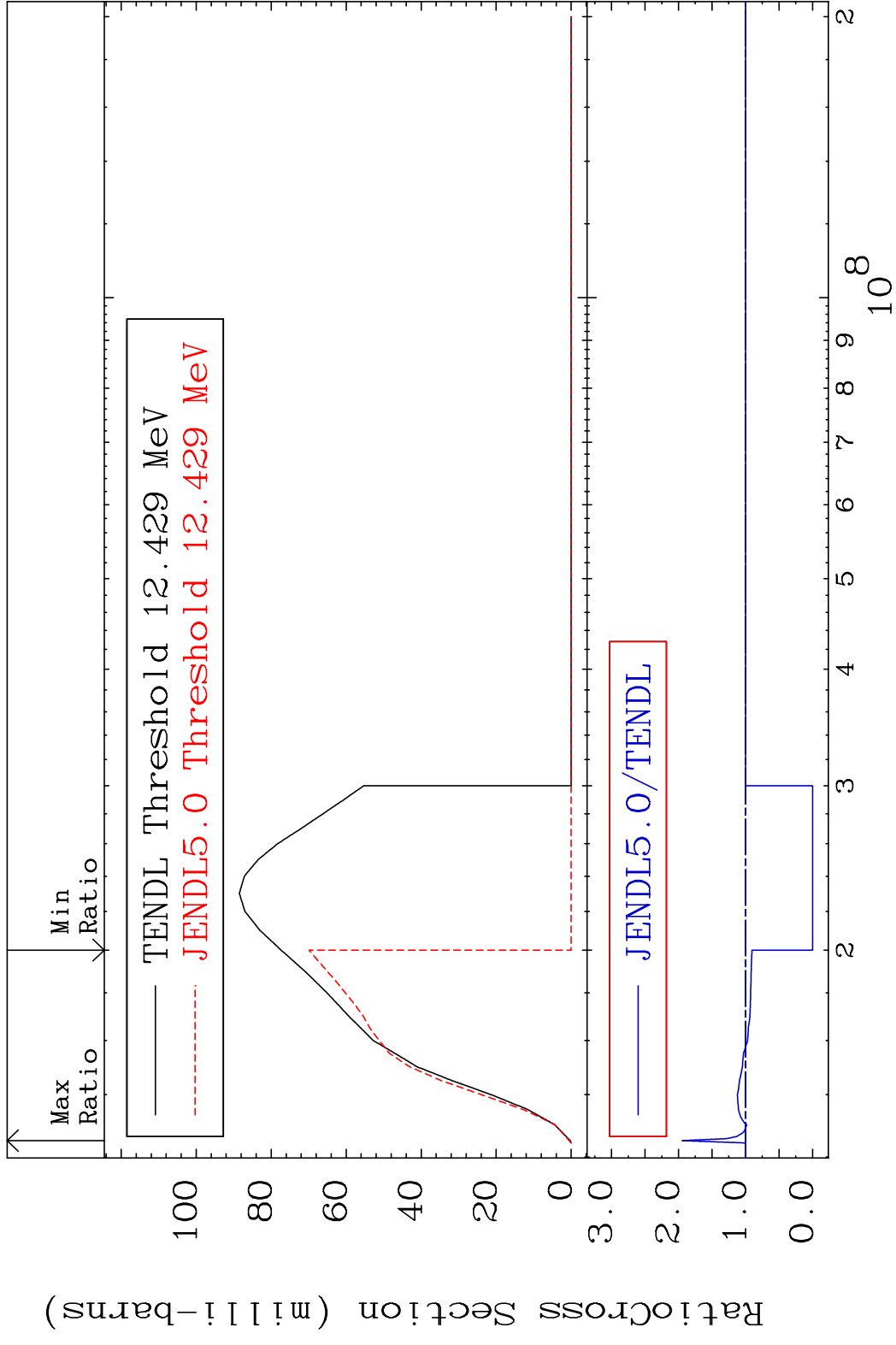
MAT 2825 Inelastic ²⁸Ni-58
 Cross Section -100.0 To 256.8 %



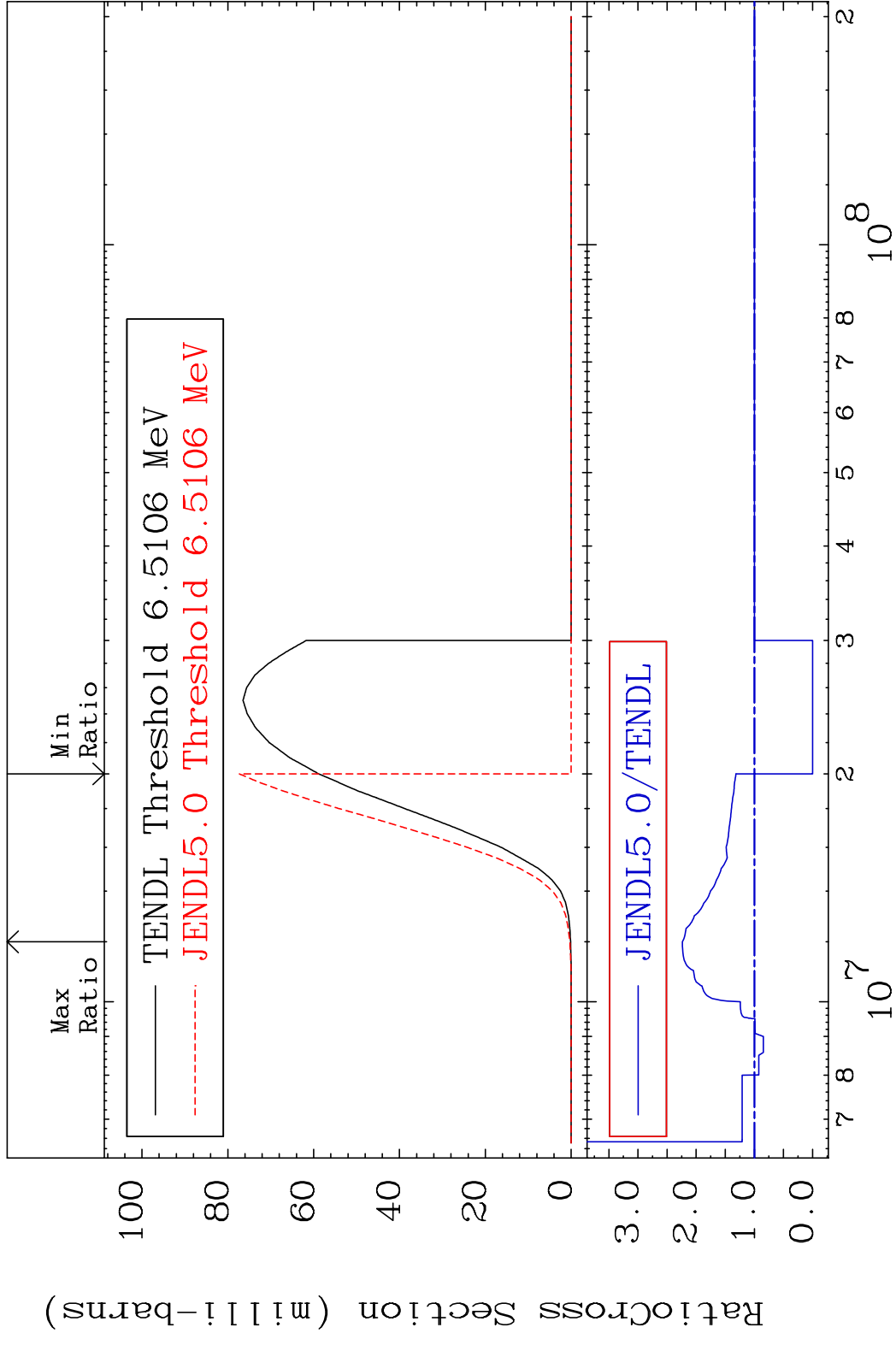
MAT 2825 (n, remainder) 28-Ni-58
 Cross Section 1.563 To 10.69 %



4 Incident Energy (eV) 28-Ni-58



MAT 2825 (n, n') α 28-Ni-58
 Cross Section -100.0 To 123.7 %



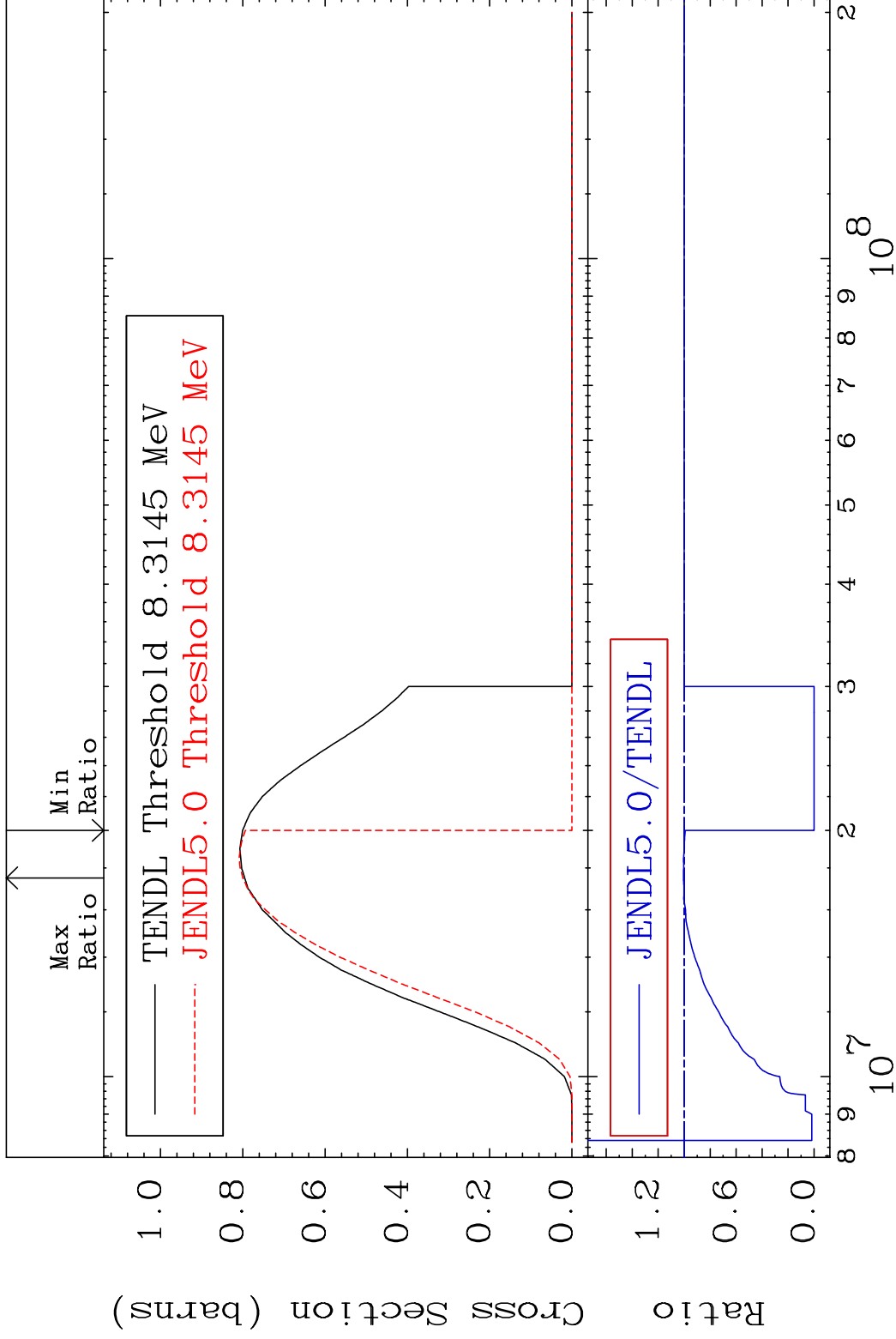
6 6 Incident Energy (eV) 28-Ni-58

MAT 2825

(n, n') p

28-Ni-58

Cross Section -100.0 To 0.551 %

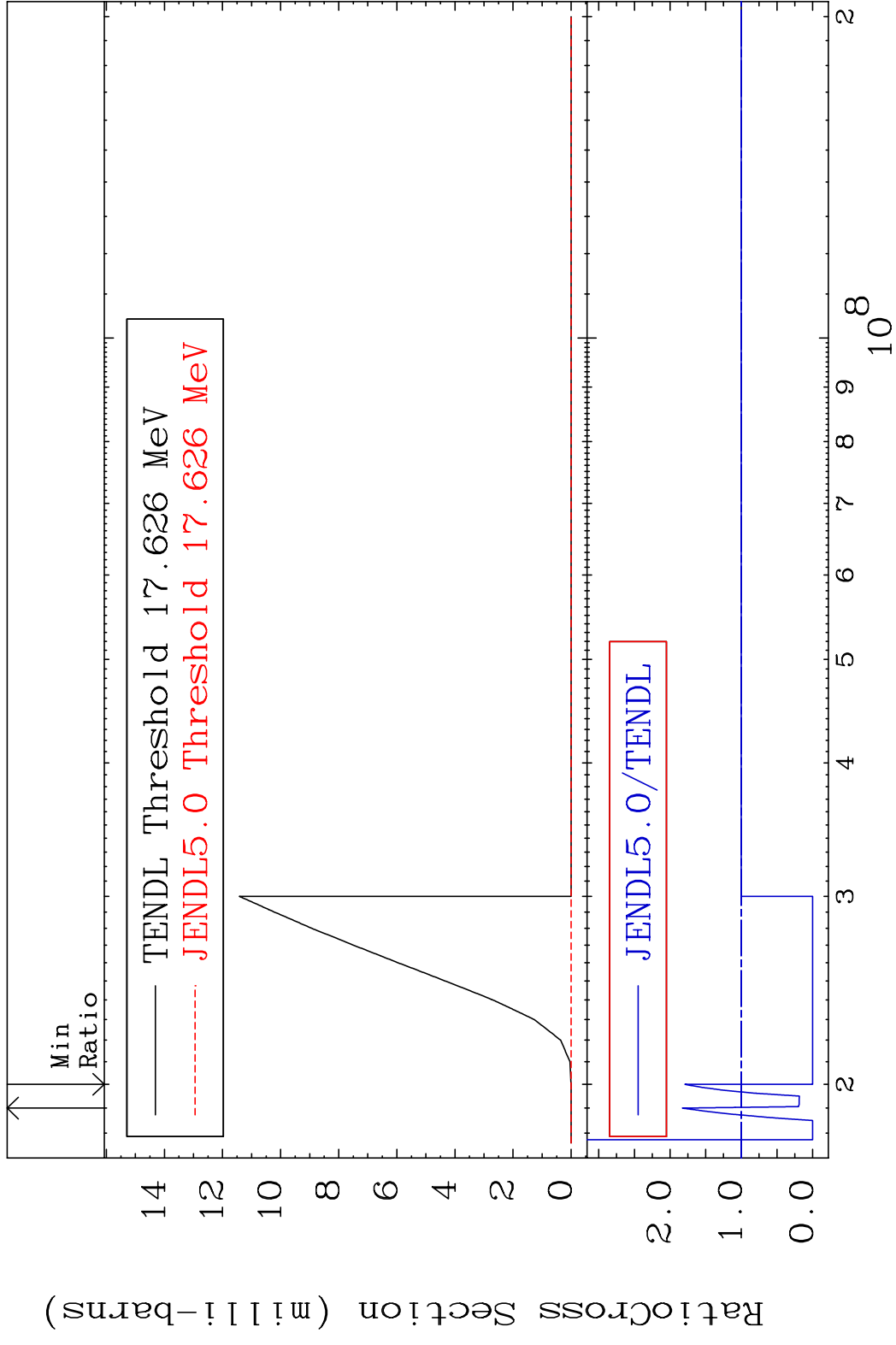


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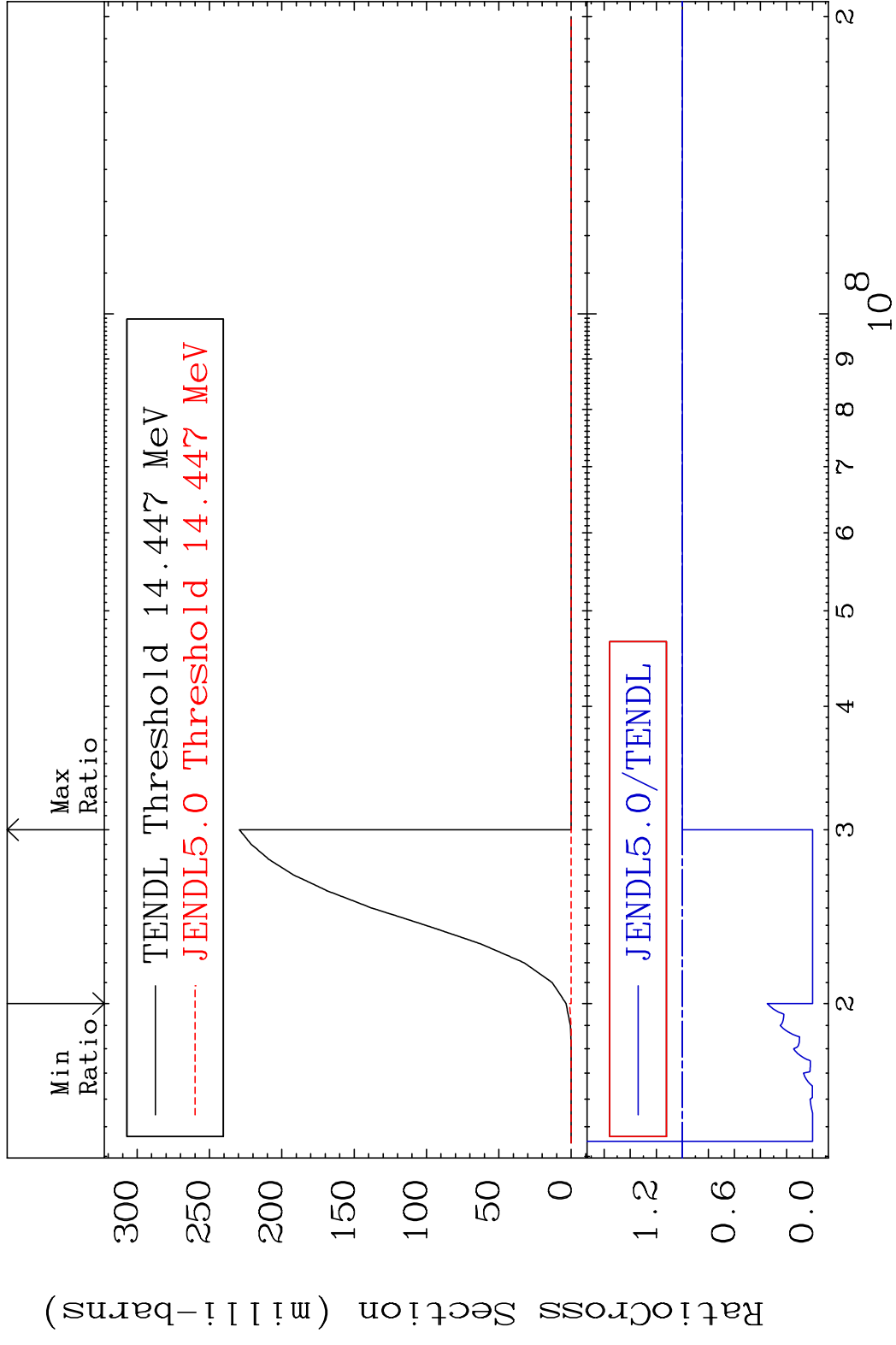
Incident Energy (eV)

28-Ni-58

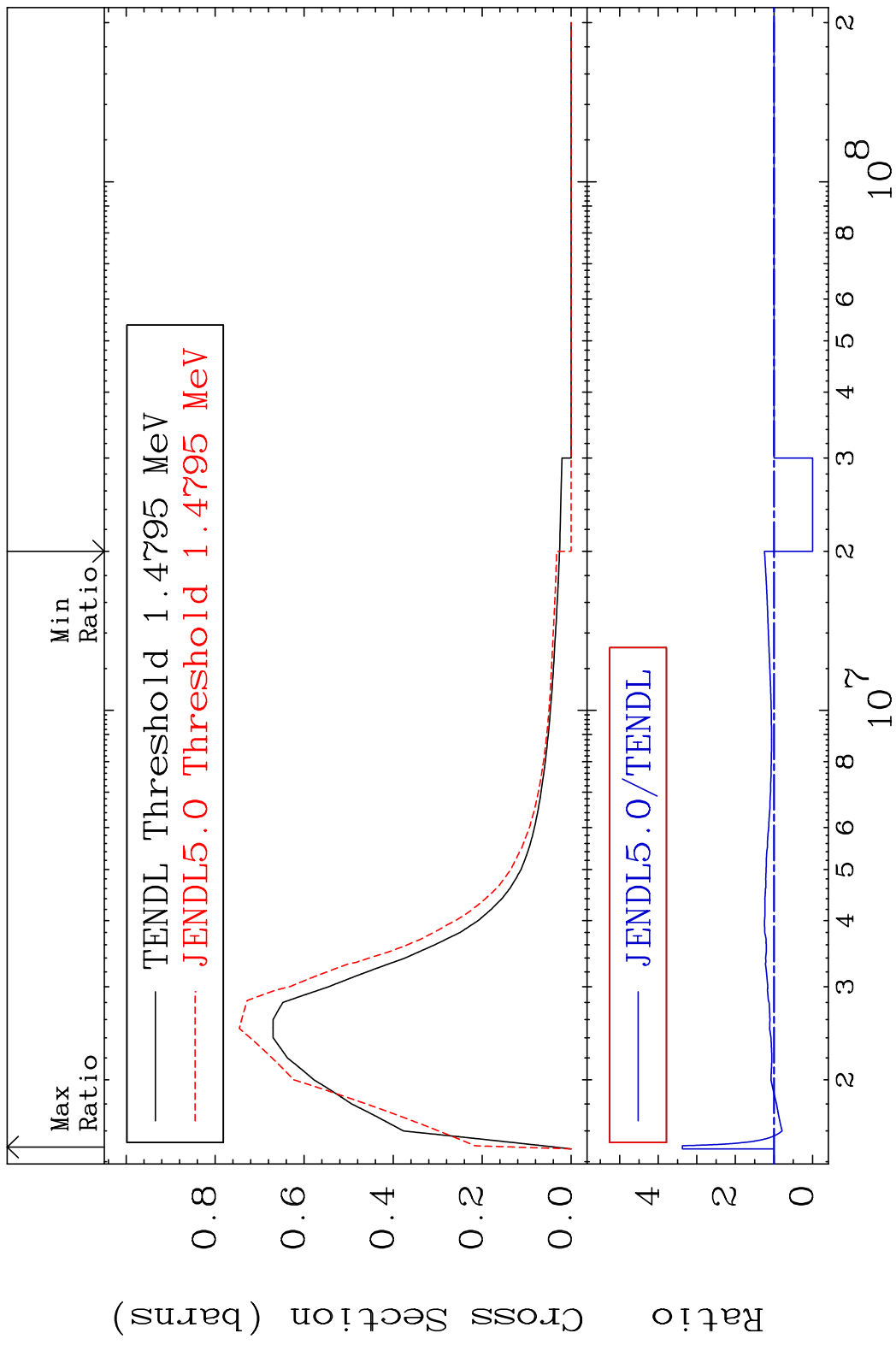
MAT 2825 (n, n') d 28-Ni-58
 Cross Section -100.0 To 82.72 %



MAT 2825 (n,2n) p 28-Ni-58
 Cross Section -100.0 To 0.000 %

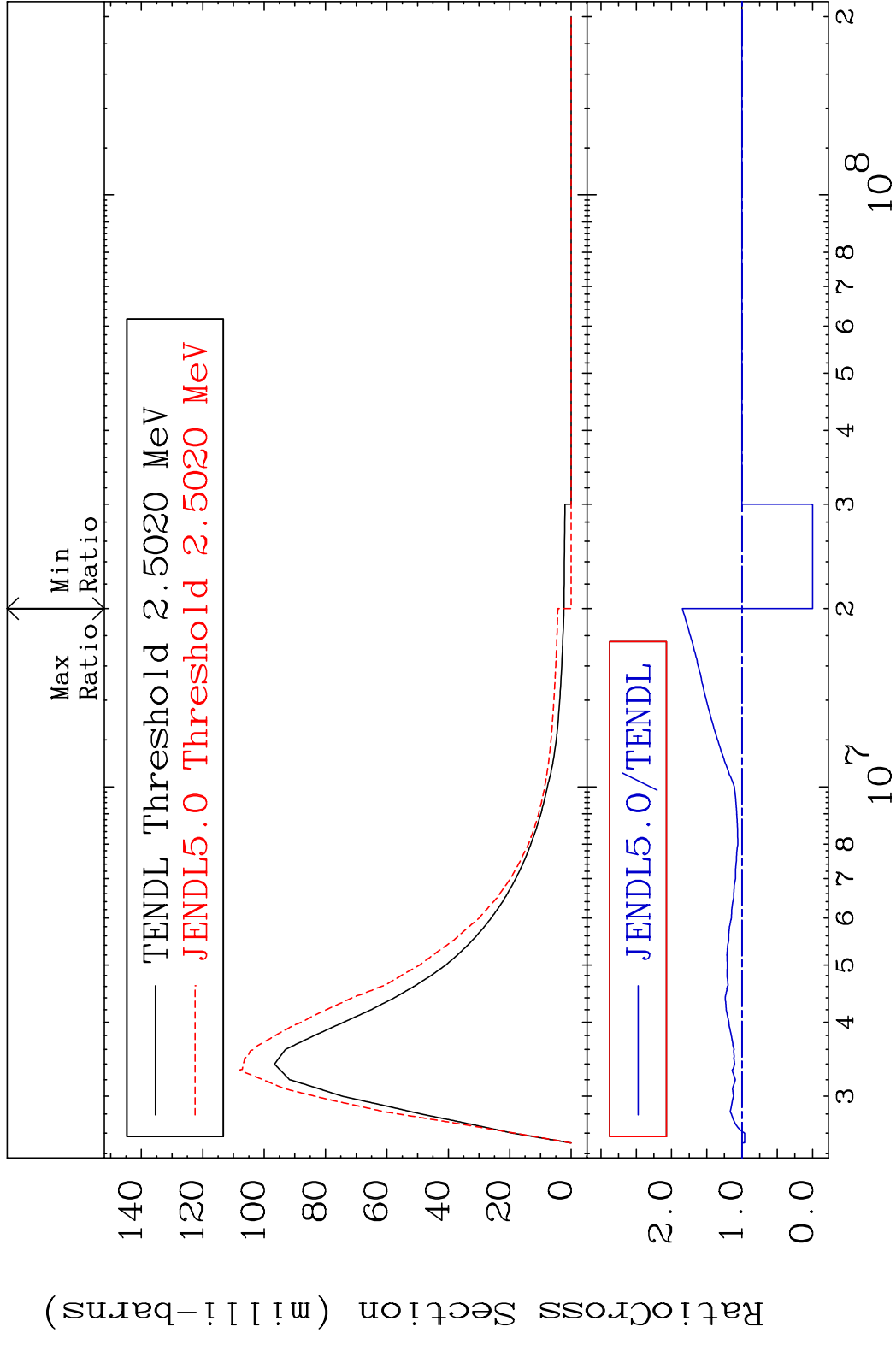


MAT 2825 MT= 51 (n,n') Level 28-Ni-58
 Cross Section -100.0 To 237.5 %

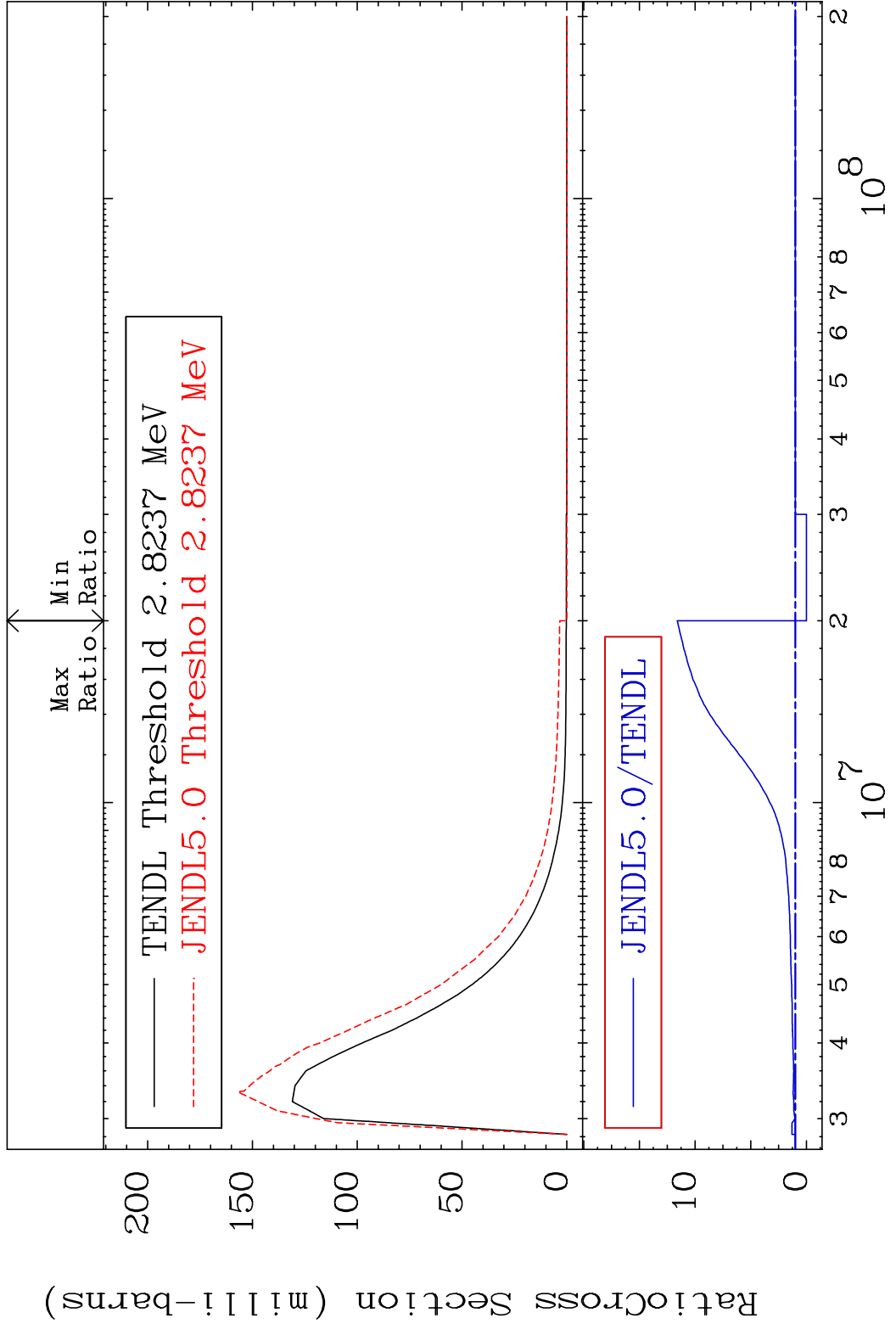


10 Incident Energy (eV) 28-Ni-58

MAT 2825 MT= 52 (n, n') Level 28-Ni-58
 Cross Section -100.0 To 84.60 %

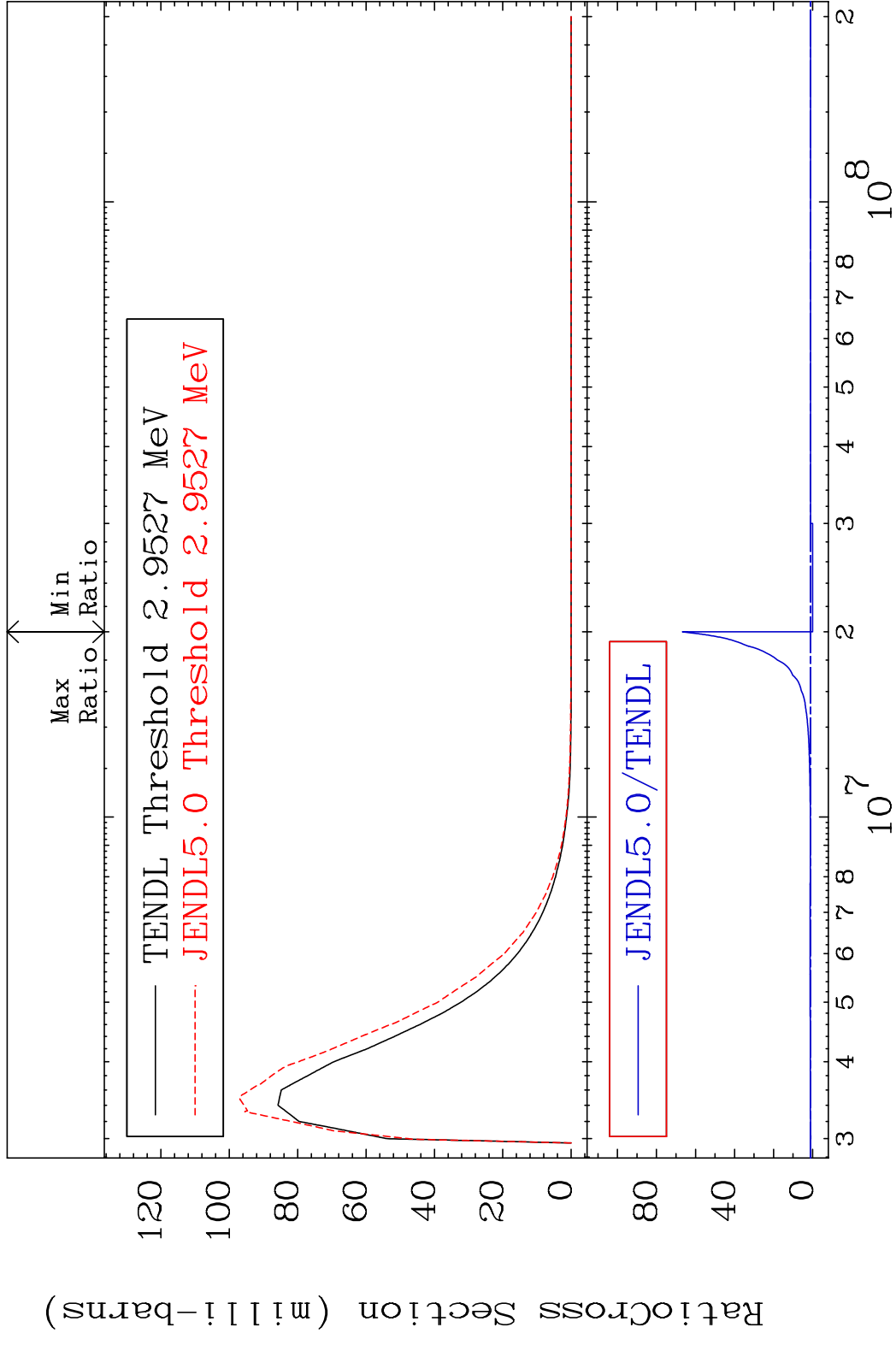


MAT 2825 MT= 53 (n, n') Level 28-Ni-58
 Cross Section -100.0 To 1061. %

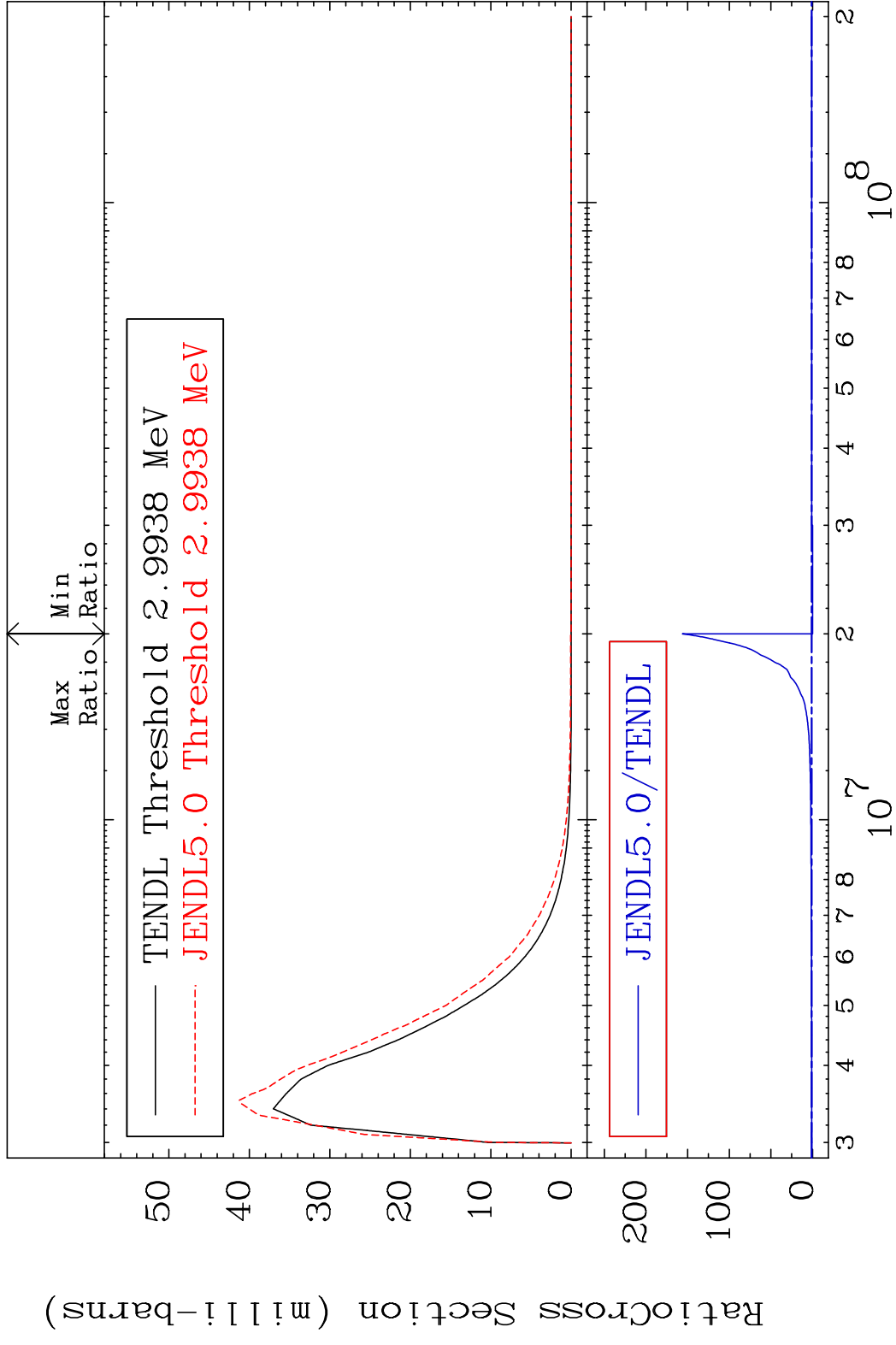


12 28-Ni-58

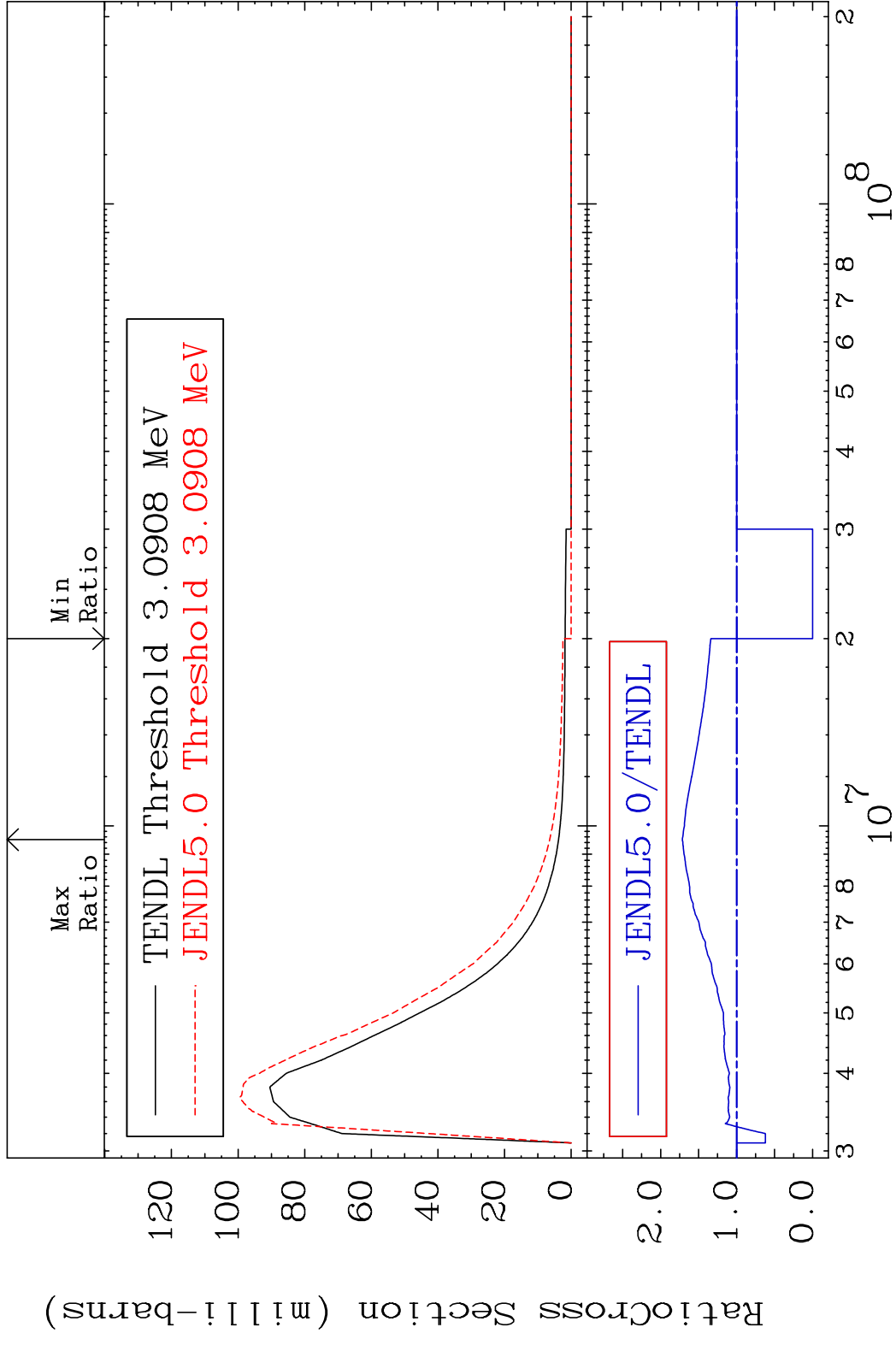
MAT 2825 MT= 54 (n, n') Level 28-Ni-58
 Cross Section -100.0 To 6574. %



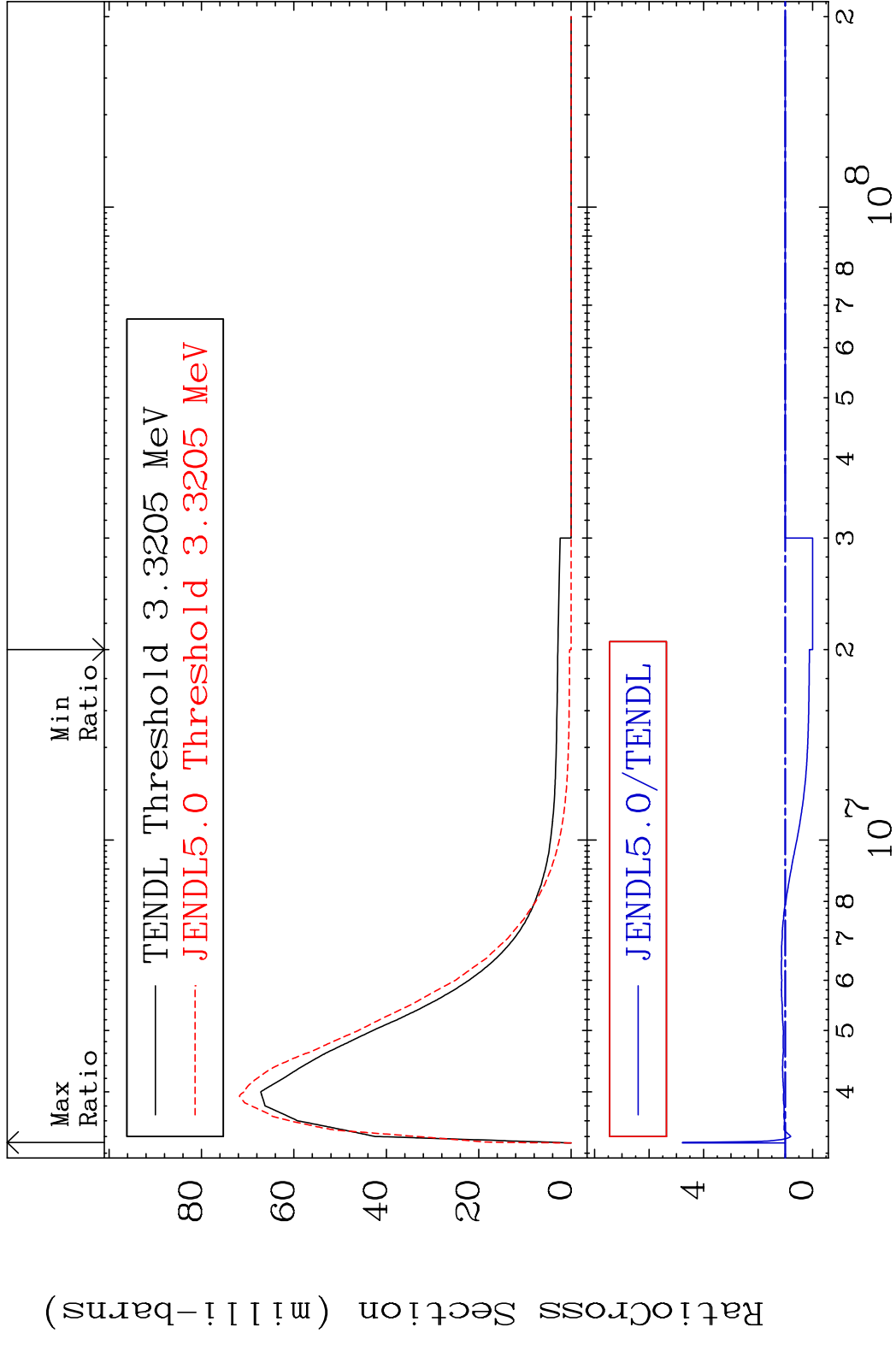
MAT 2825 MT= 55 (n, n') Level 28-Ni-58
 Cross Section -100.0 To 9999. %



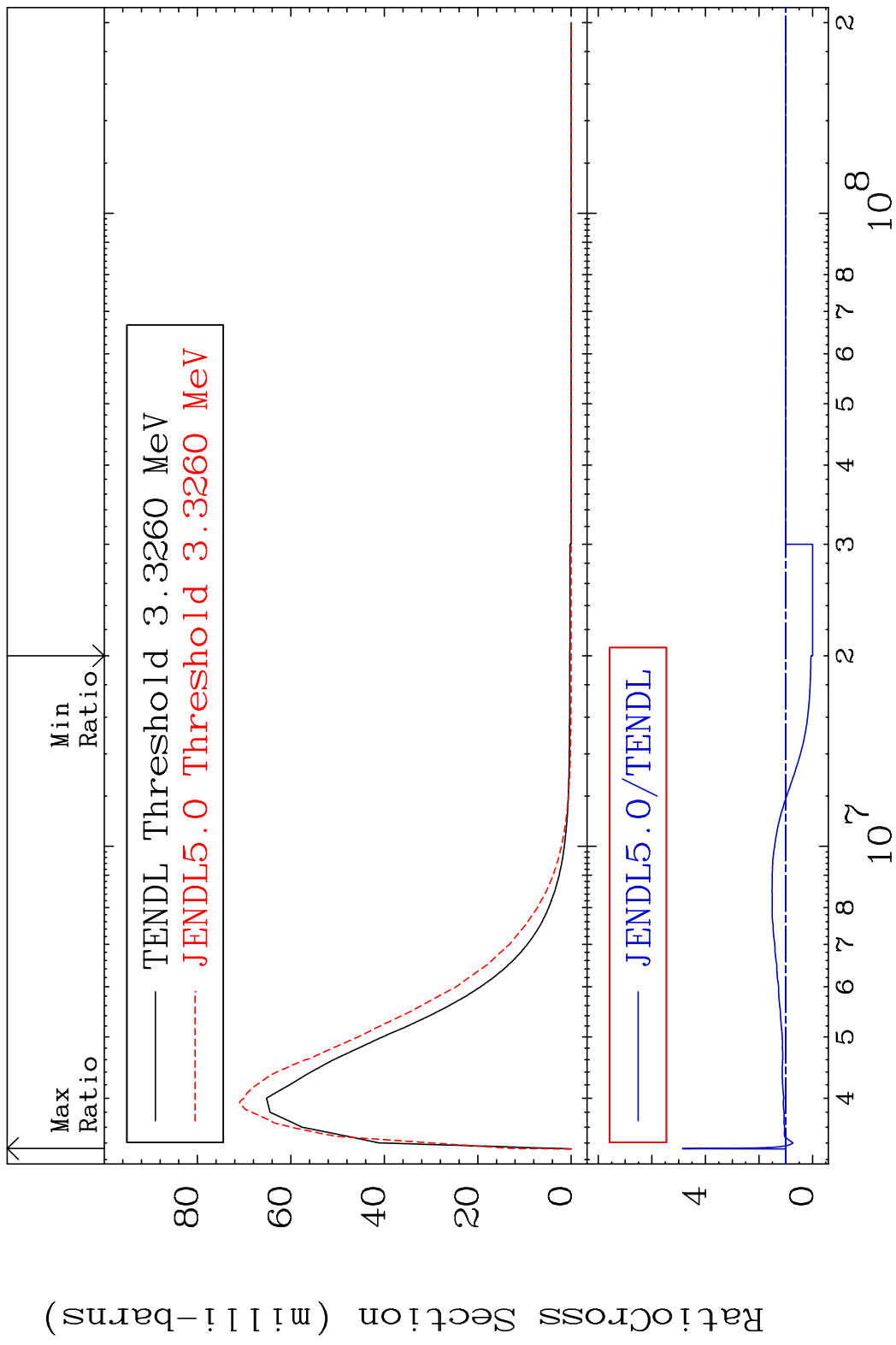
MAT 2825 MT= 56 (n, n') Level 28-Ni-58
 Cross Section -100.0 To 71.39 %



MAT 2825 MT= 57 (n,n') Level 28-Ni-58
 Cross Section -100.0 To 378.1 %

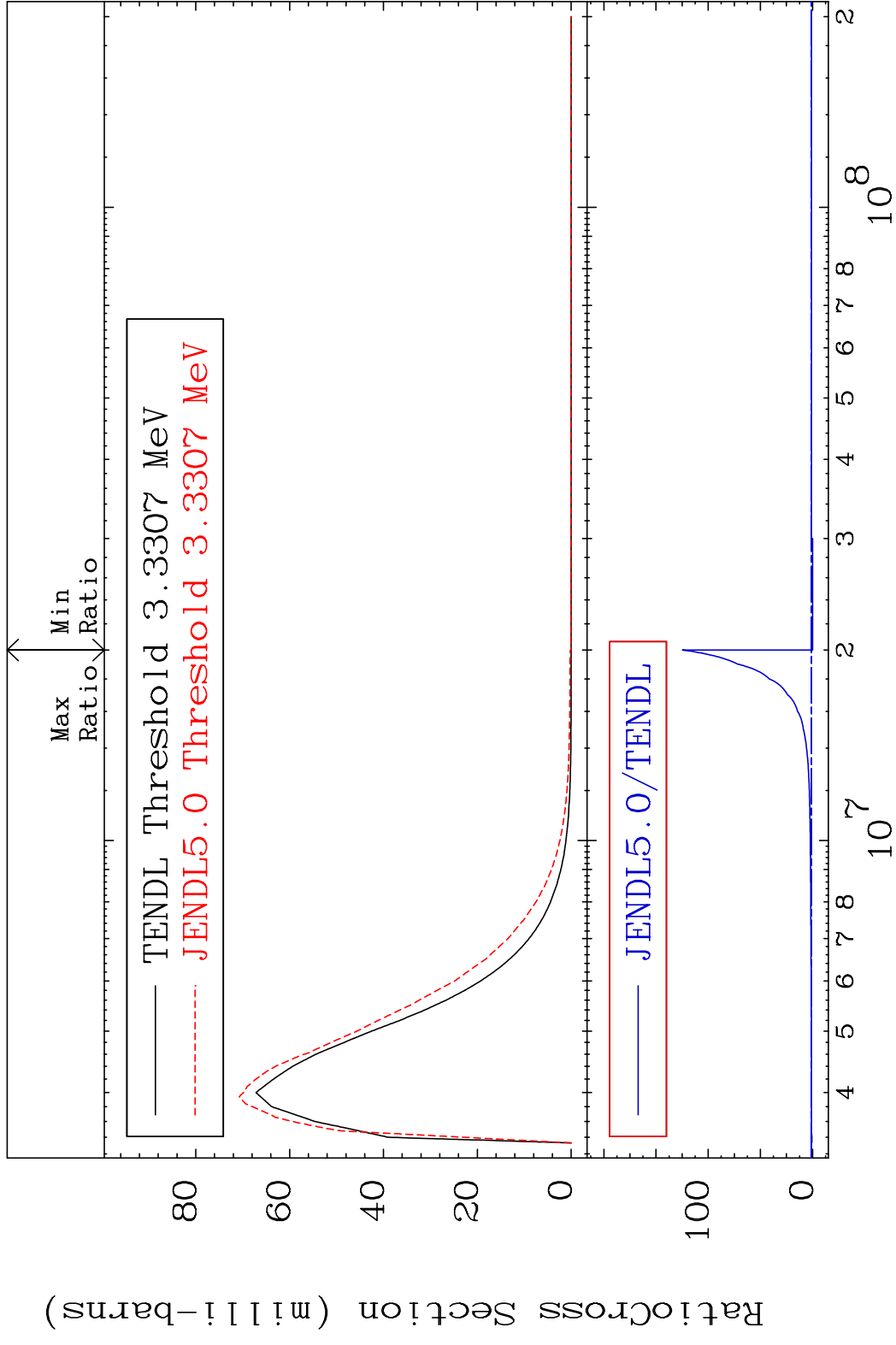


MAT 2825 MT= 58 (n,n') Level 28-Ni-58
 Cross Section -100.0 To 386.2 %

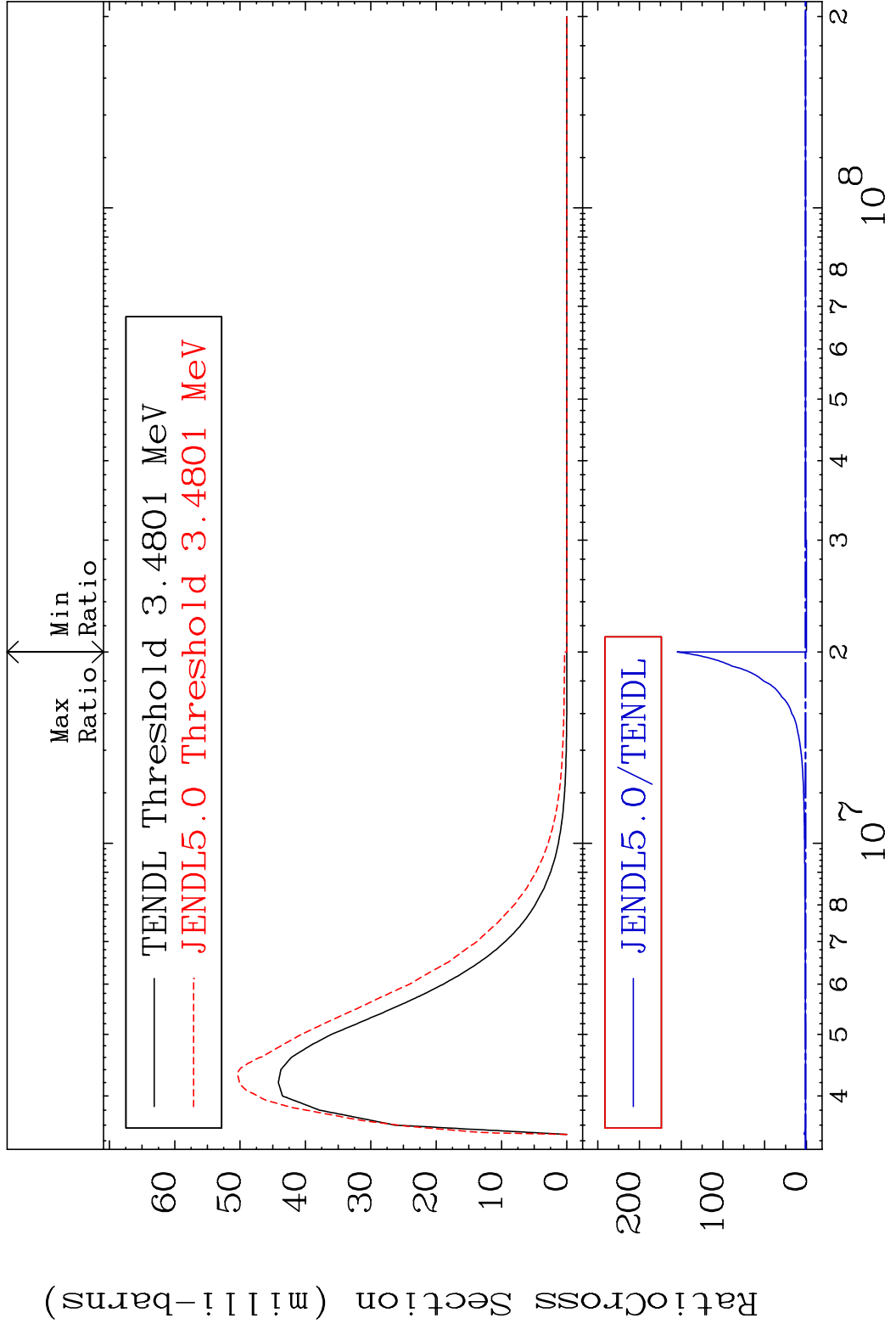


17 28-Ni-58

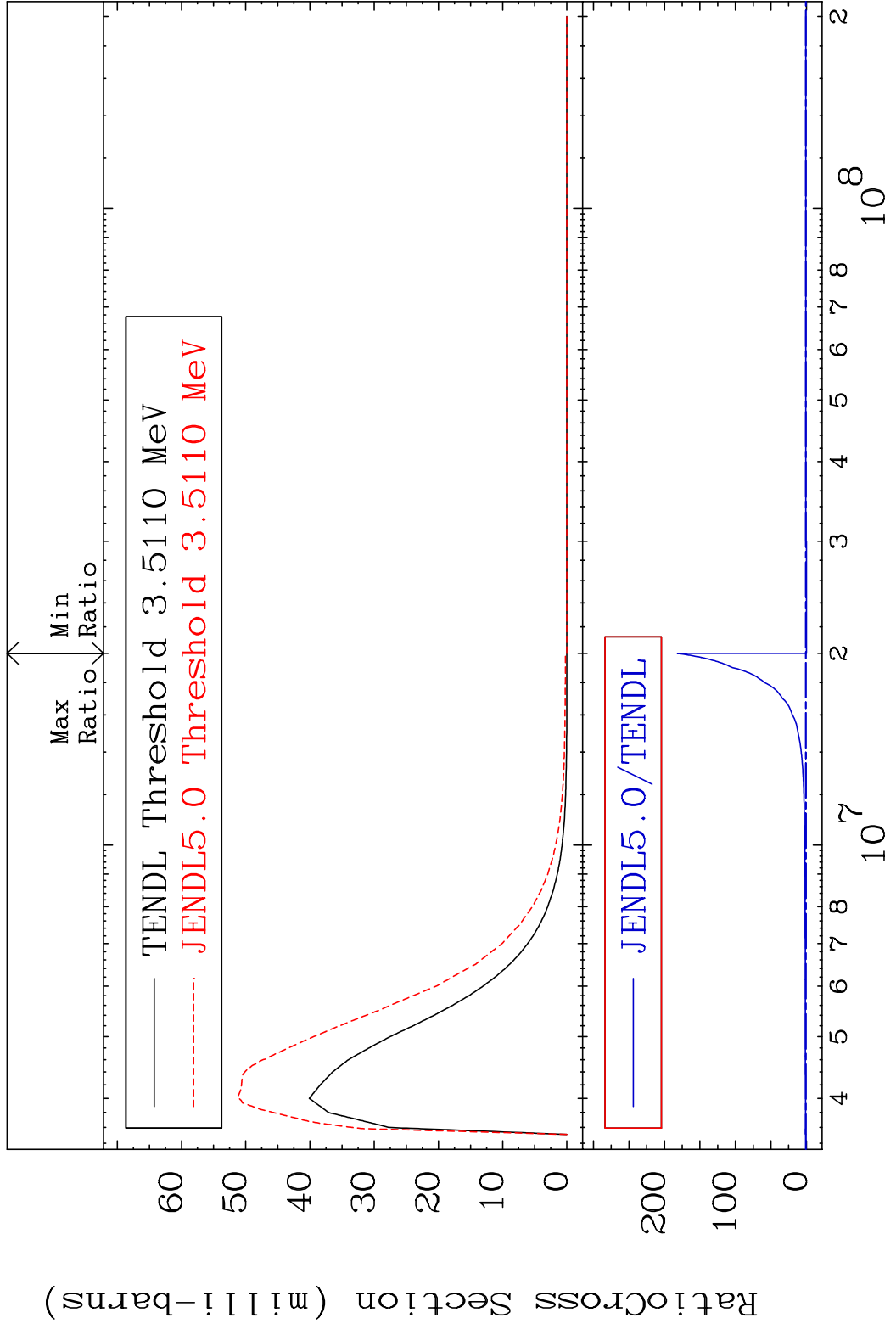
MAT 2825 MT= 59 (n, n') Level 28-Ni-58
 Cross Section -100.0 To 9999. %



MAT 2825 MT= 60 (n,n') Level 28-Ni-58
 Cross Section -100.0 To 9999. %

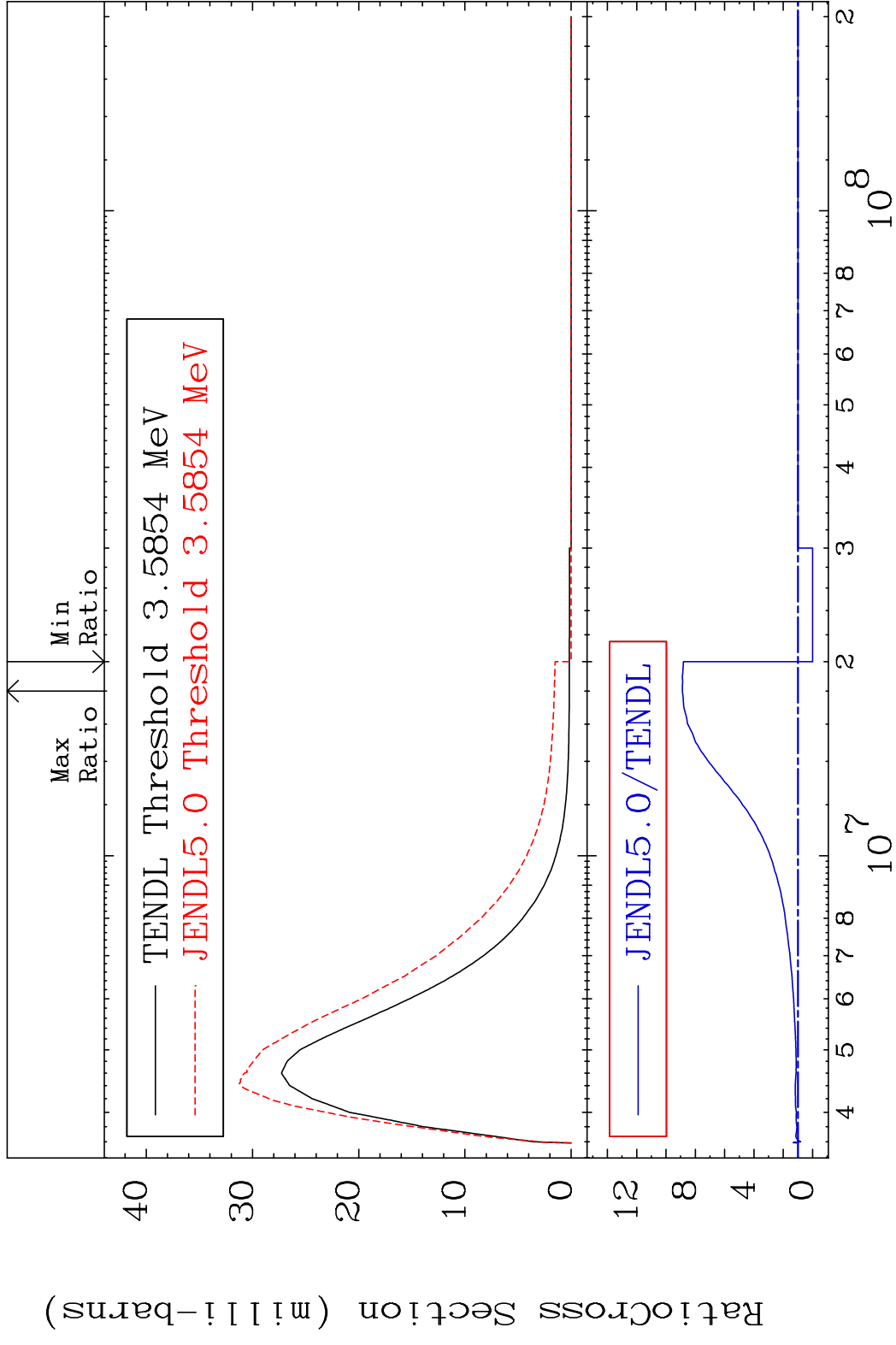


MAT 2825 MT= 61 (n, n') Level 28-Ni-58
 Cross Section -100.0 To 9999. %

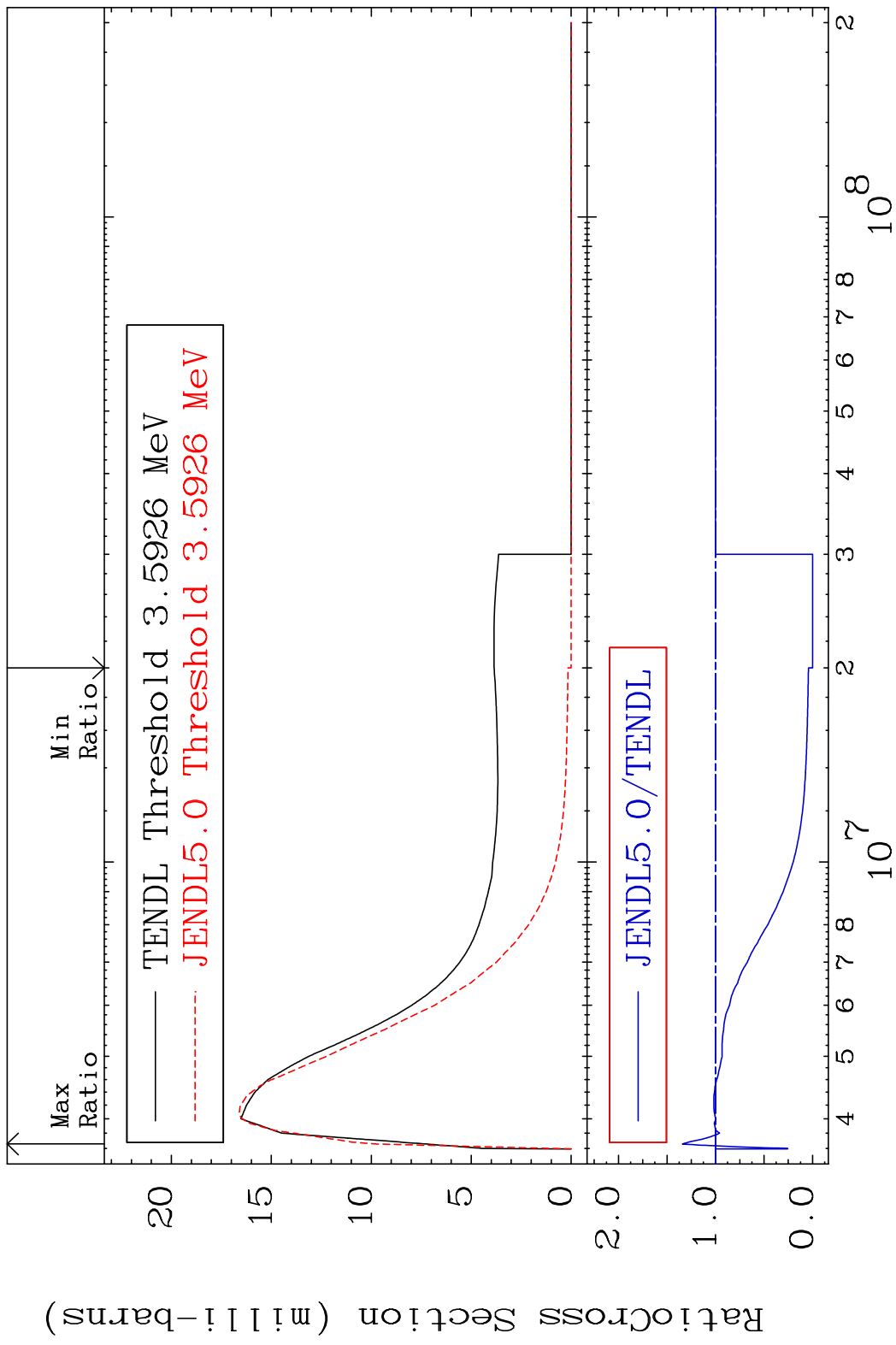


20 Incident Energy (eV) 28-Ni-58

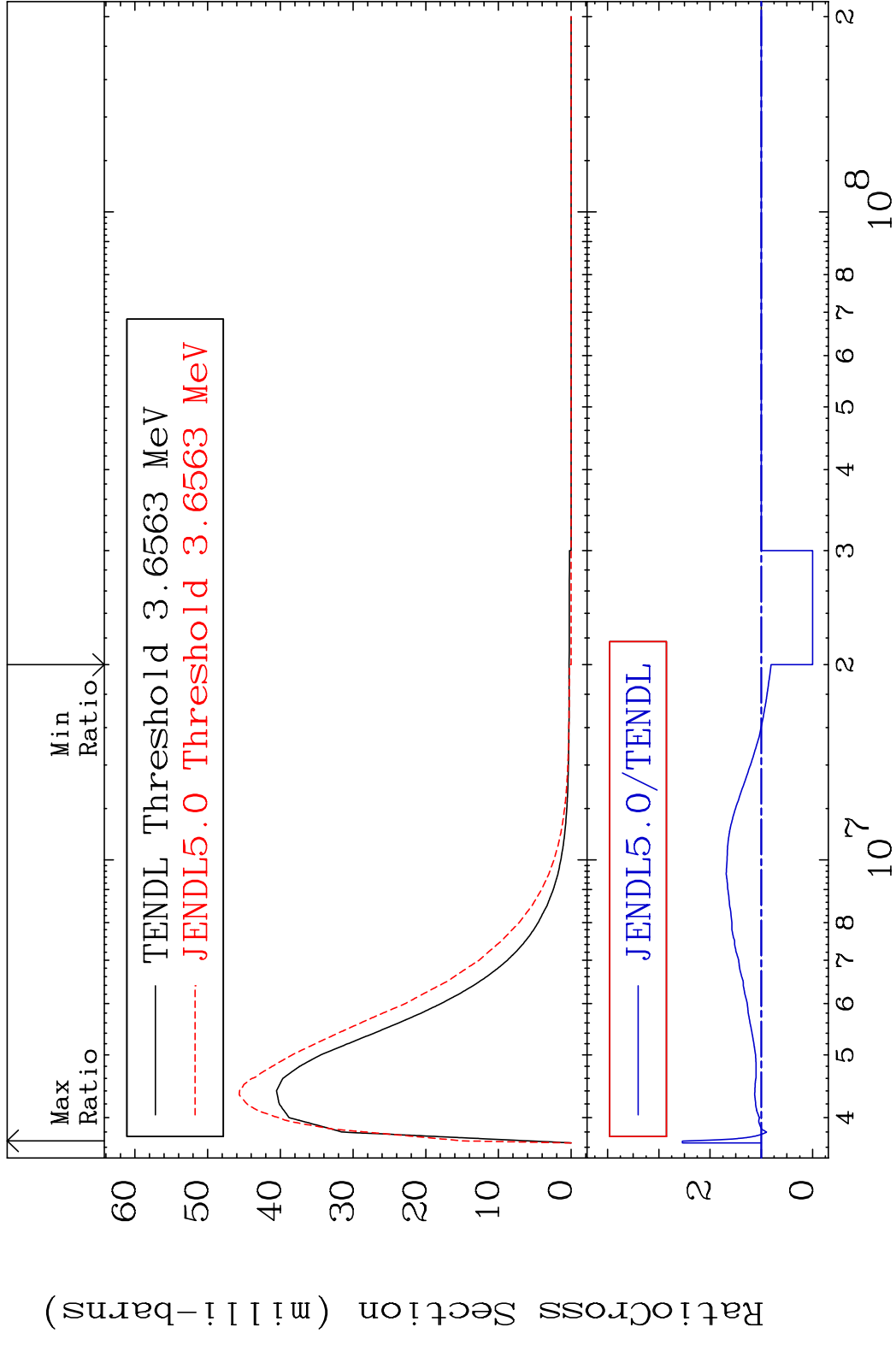
MAT 2825 MT= 62 (n, n') Level 28-Ni-58
 Cross Section -100.0 To 788.5 %



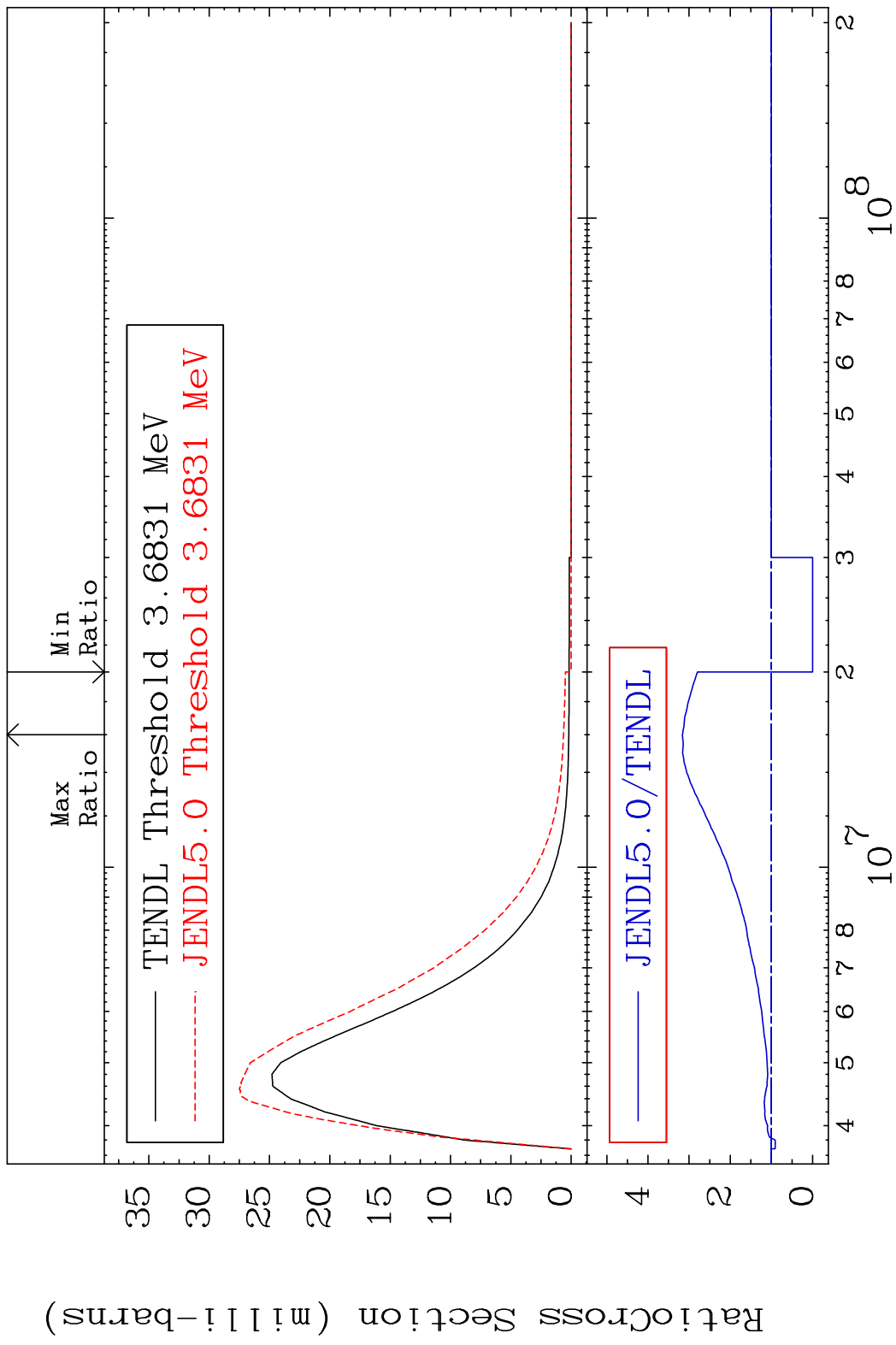
MAT 2825 MT= 63 (n, n') Level 28-Ni-58
 Cross Section -100.0 To 34.18 %



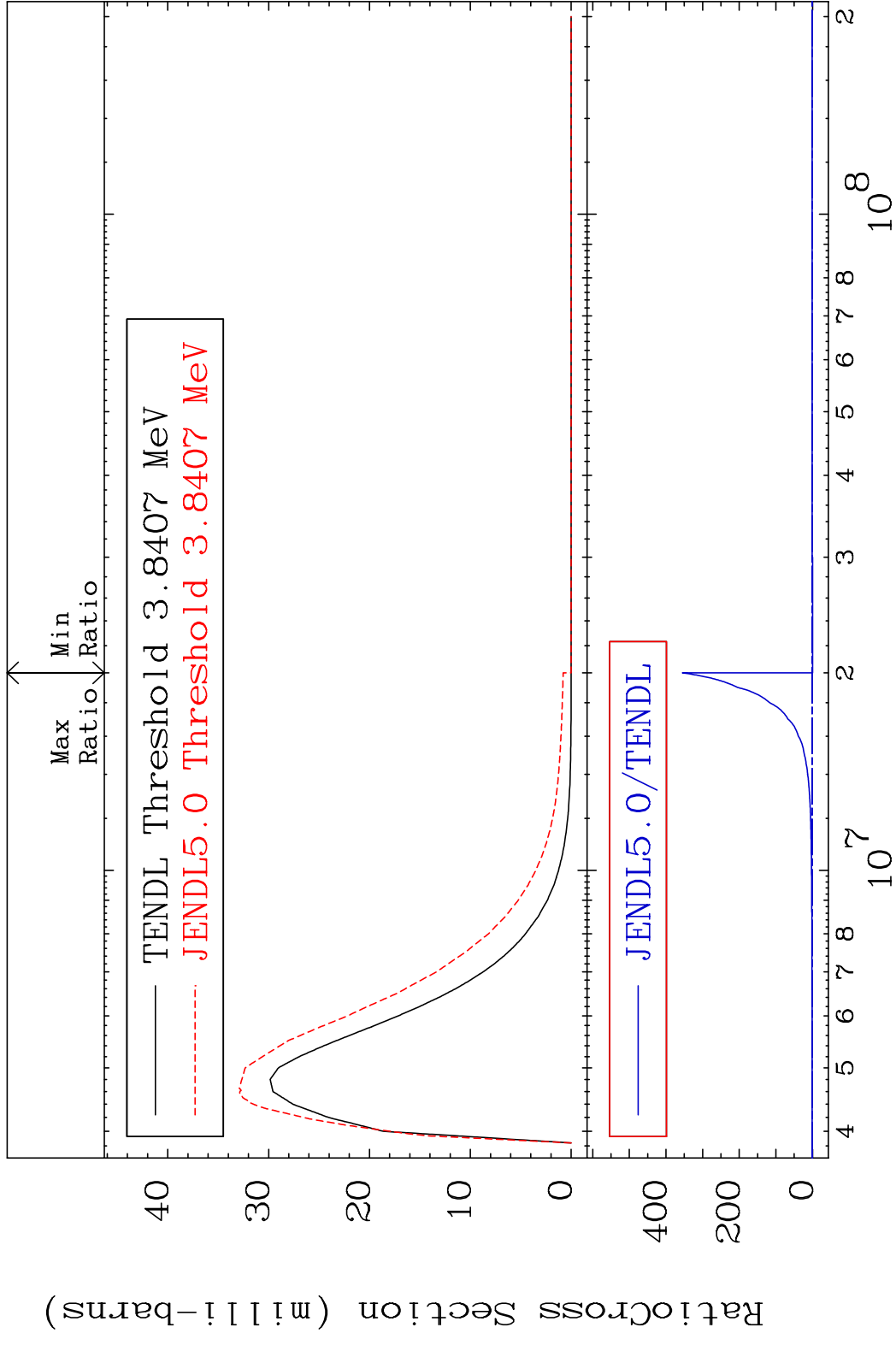
MAT 2825 MT= 64 (n,n') Level 28-Ni-58
 Cross Section -100.0 To 154.1 %



MAT 2825 MT= 65 (n, n') Level 28-Ni-58
 Cross Section -100.0 To 216.4 %

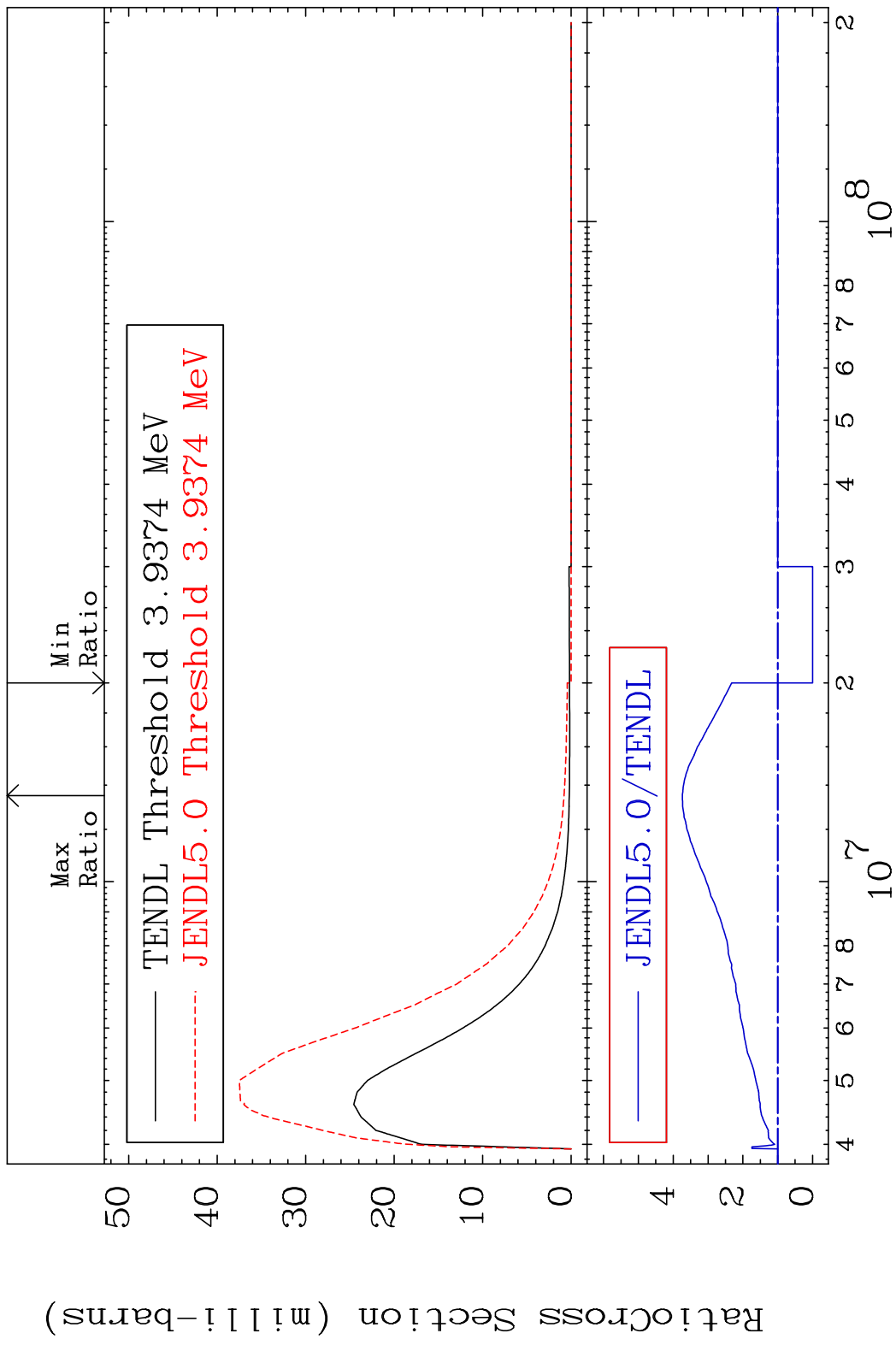


MAT 2825 MT= 66 (n, n') Level 28-Ni-58
 Cross Section -100.0 To 9999. %



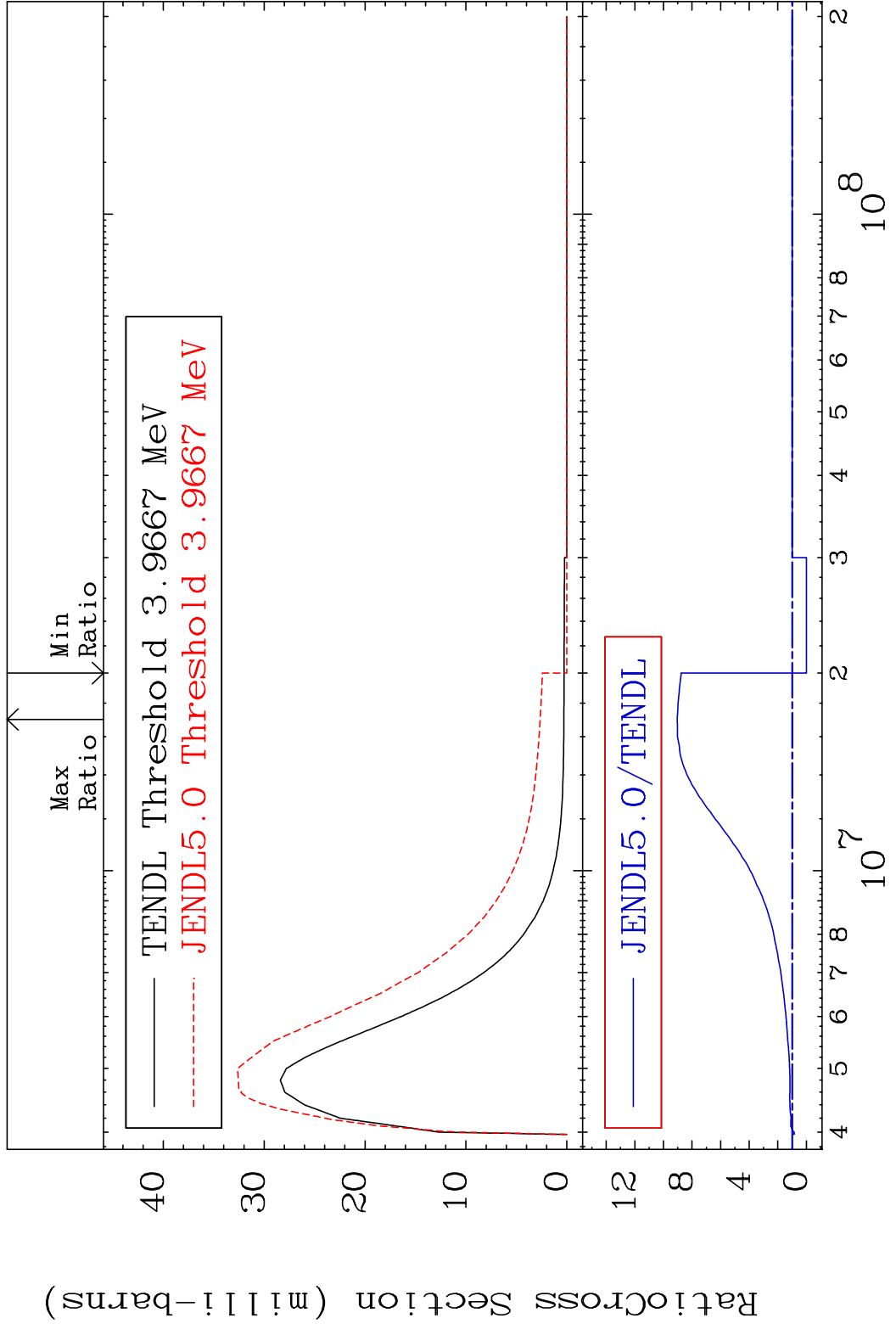
25 Incident Energy (eV) 28-Ni-58

MAT 2825 MT= 67 (n, n') Level 28-Ni-58
 Cross Section -100.0 To 273.8 %



26 Incident Energy (eV) 28-Ni-58

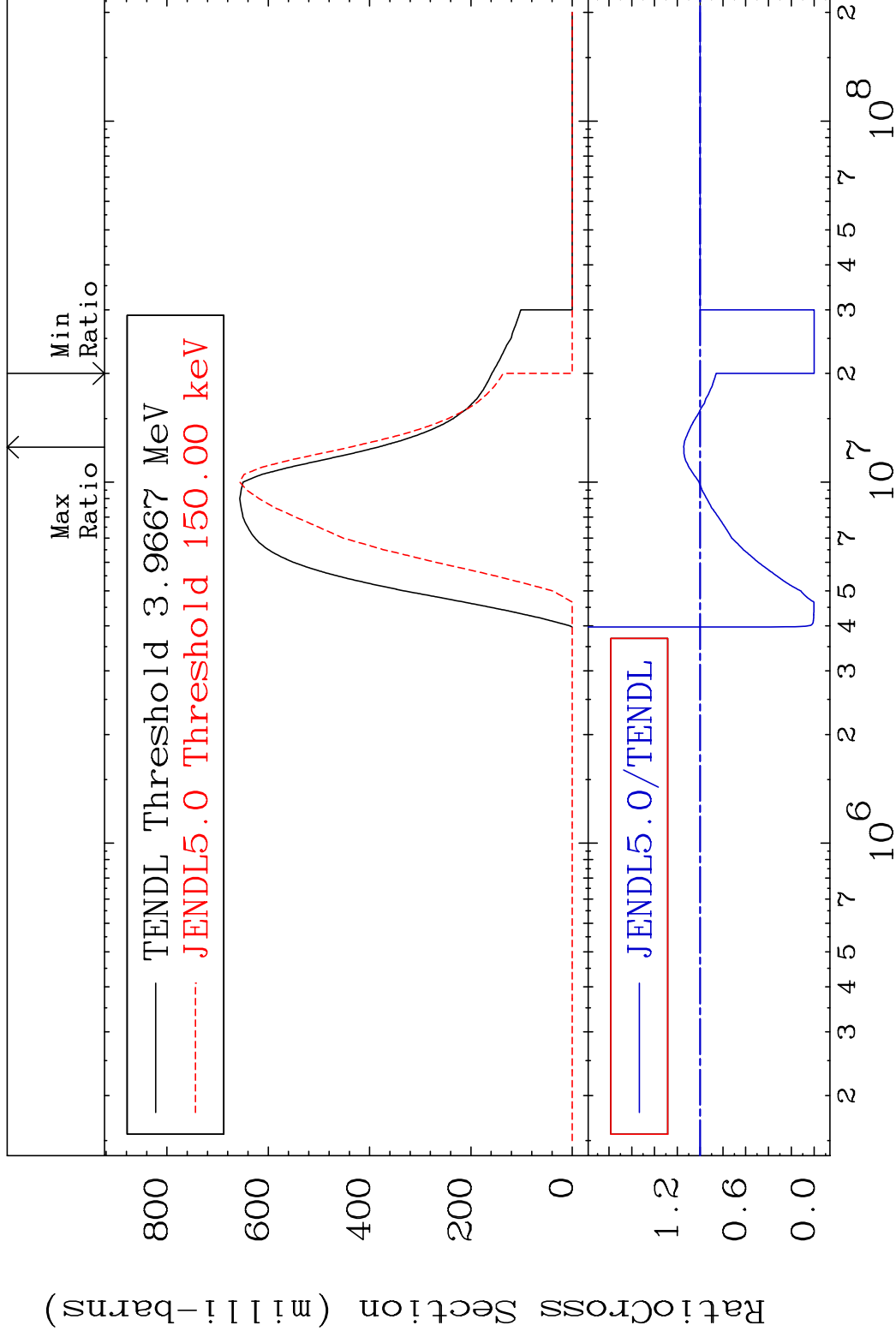
MAT 2825 MT= 68 (n, n') Level 28-Ni-58
 Cross Section -100.0 To 803.7 %



MAT 2825

(n,n') Continuum
Cross Section -100.0 To 14.44 %

²⁸Ni-58



28

Incident Energy (eV)

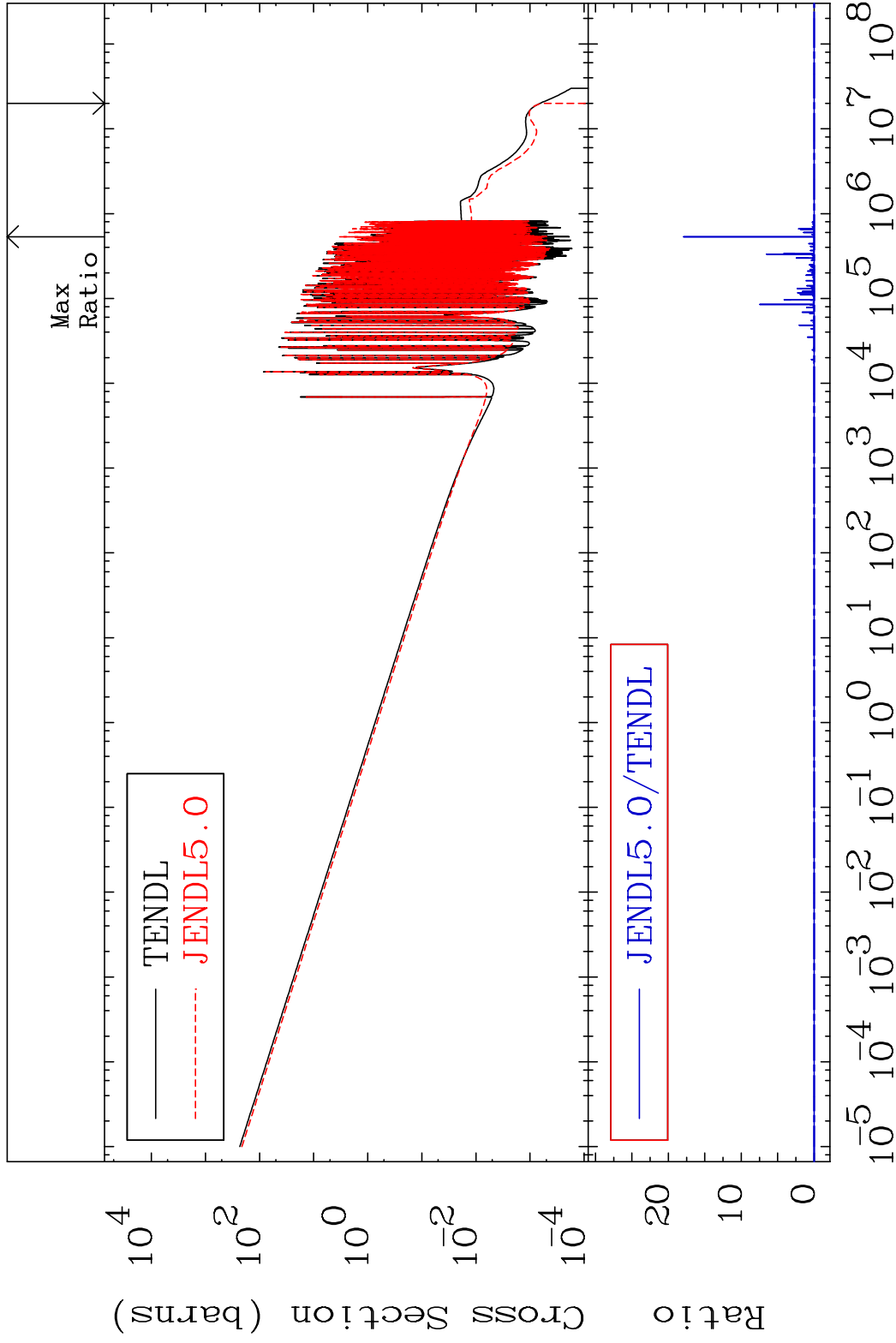
²⁸Ni-58

MAT 2825

(n, γ)

28-Ni-58

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

28-Ni-58

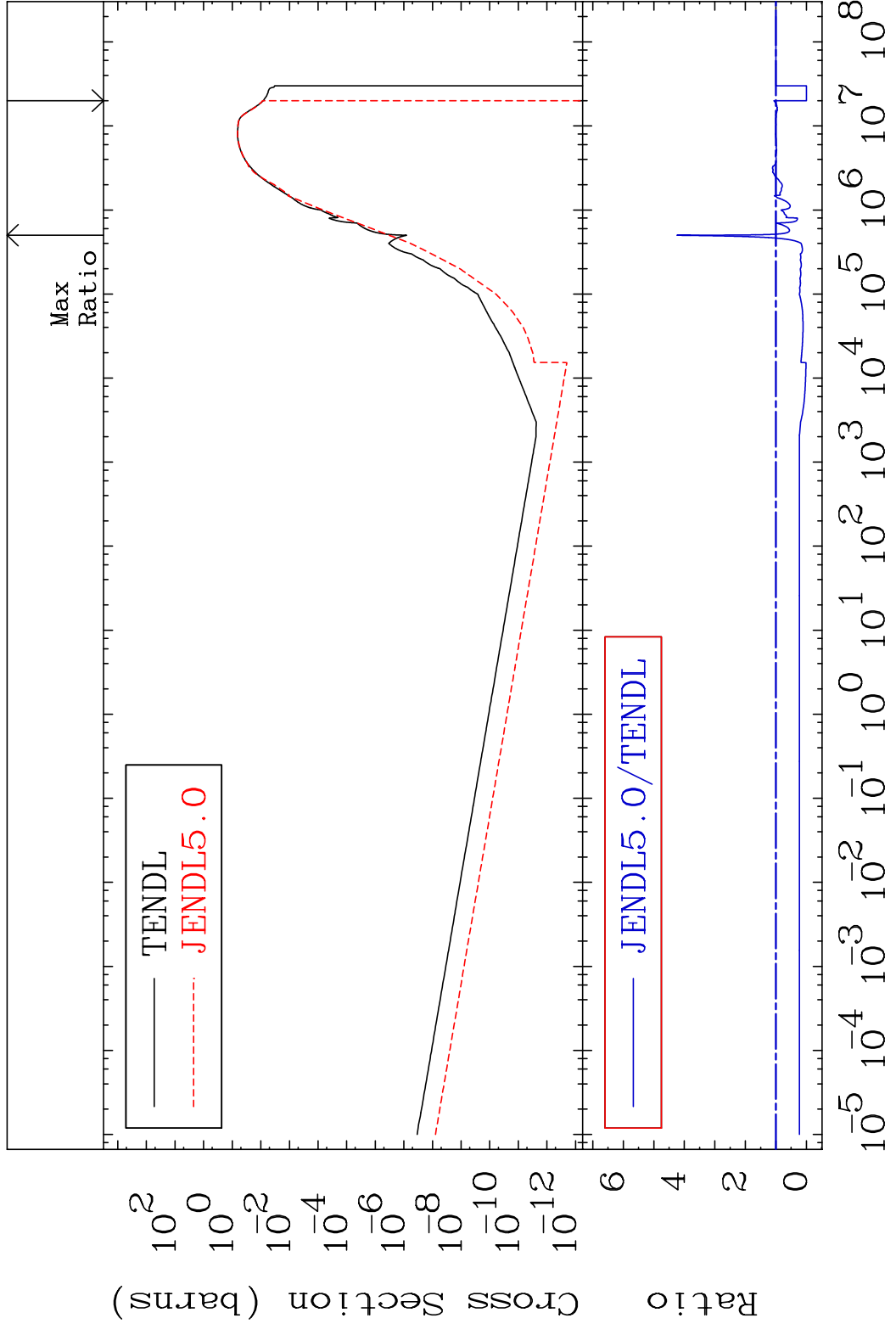
MAT 2825

(n, p)

28-Ni-58

Cross Section

-100.0 To 323.5 %

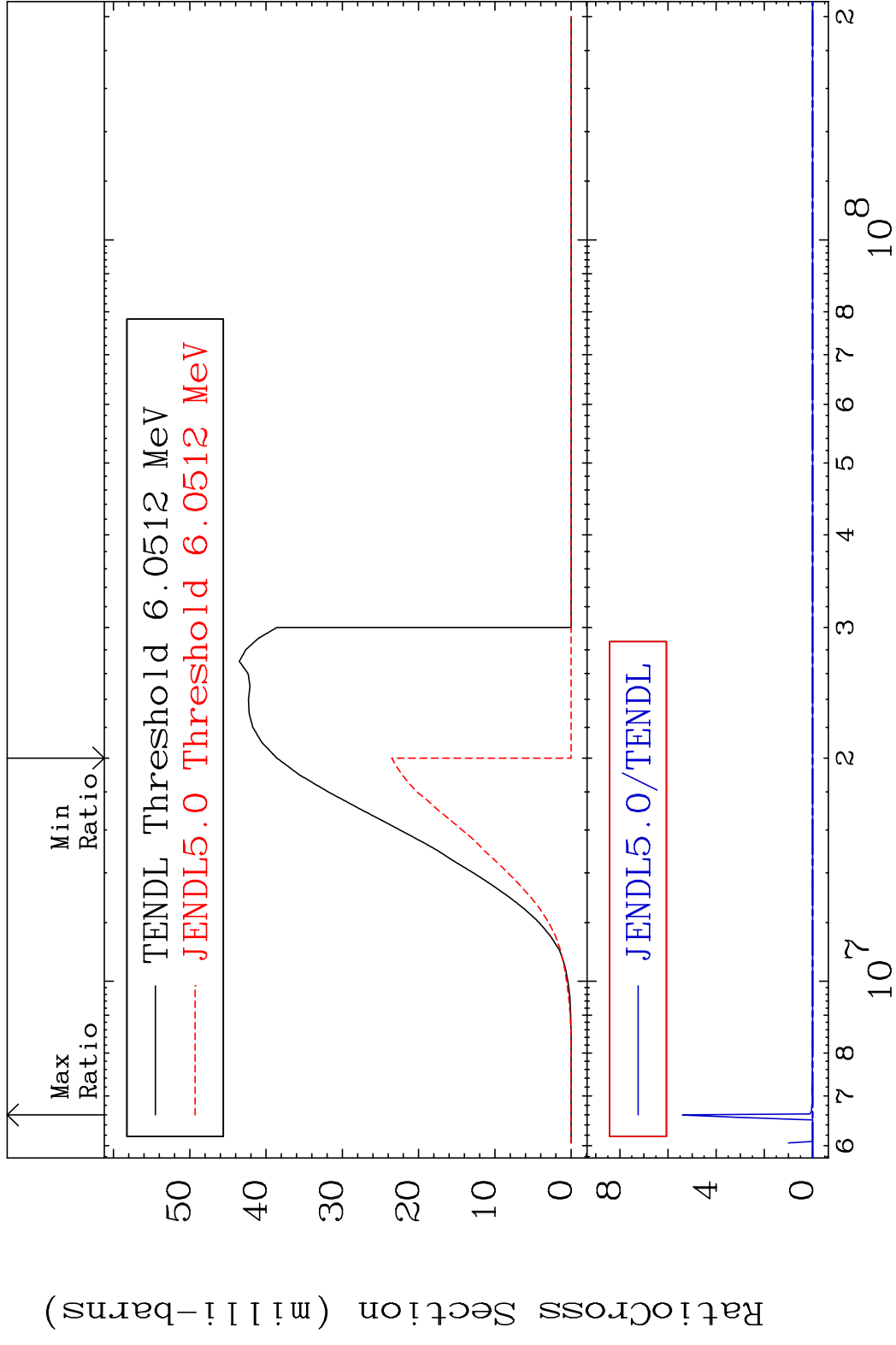


30

Incident Energy (eV)

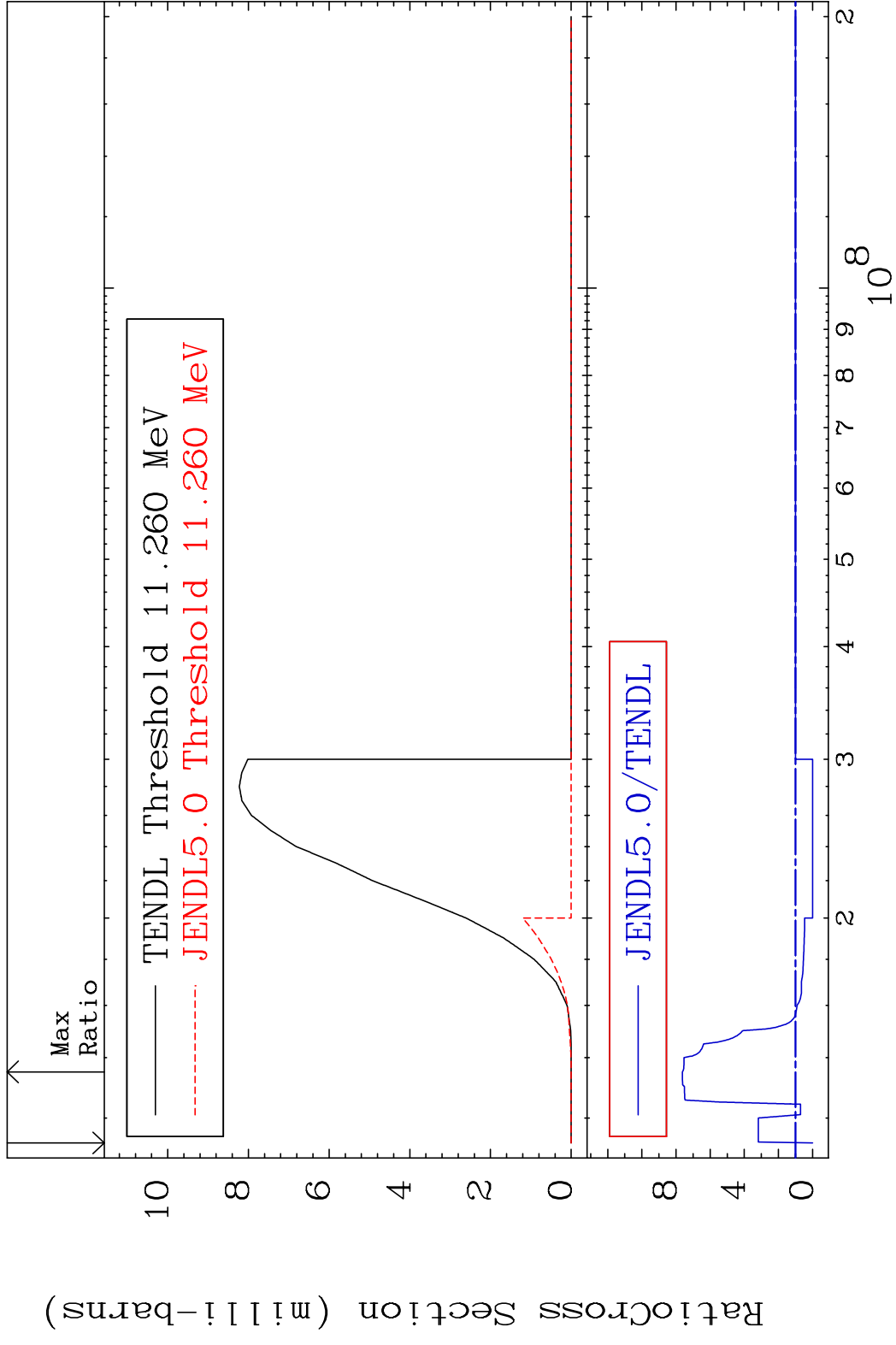
28-Ni-58

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

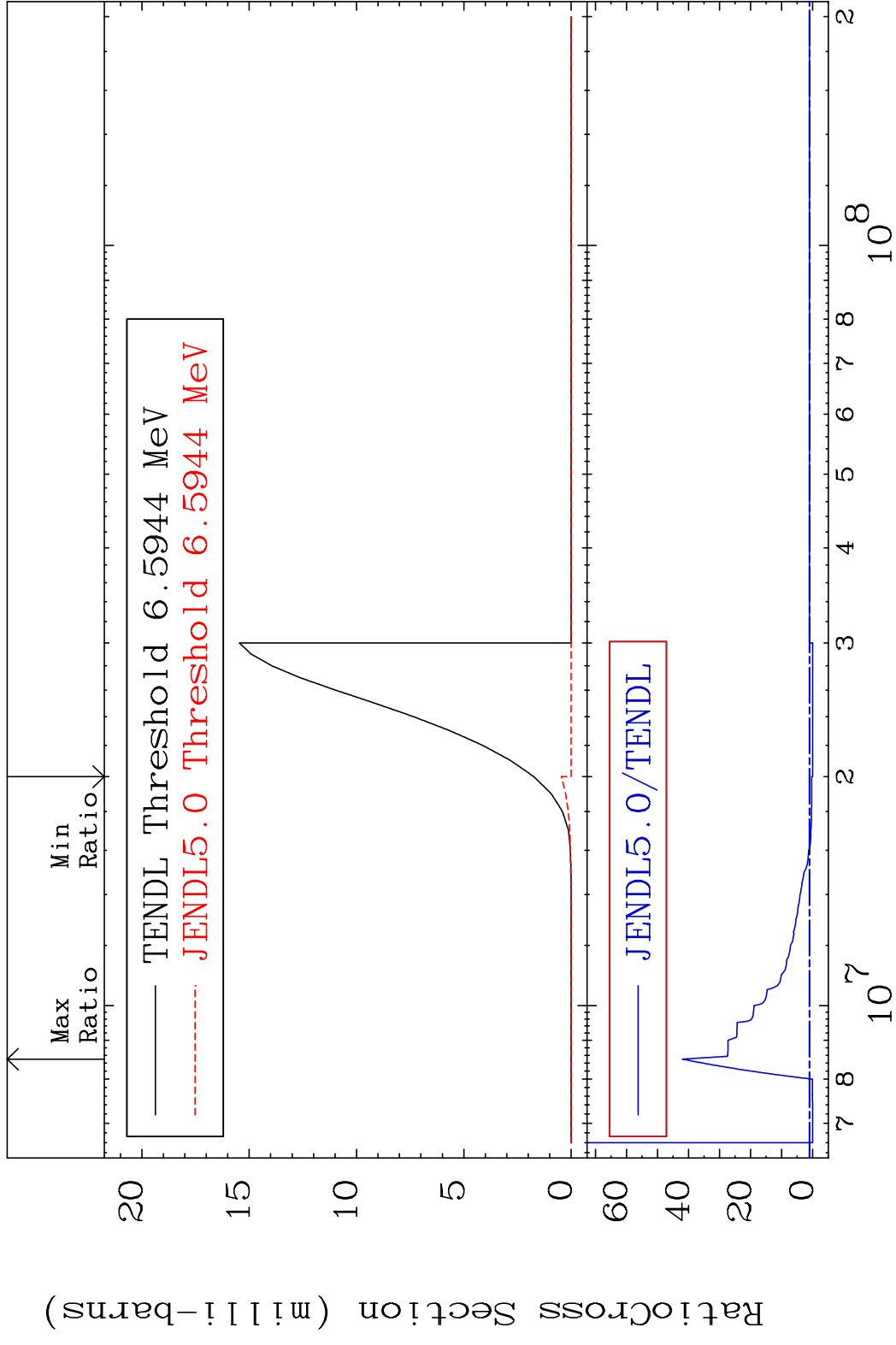


31 Incident Energy (eV) 28-Ni-58

MAT 2825 (n, t) 28-Ni-58
 Cross Section -100.0 To 662.8 %



MAT 2825 (n, He-3) 28-Ni-58
 Cross Section -100.0 To 4098. %

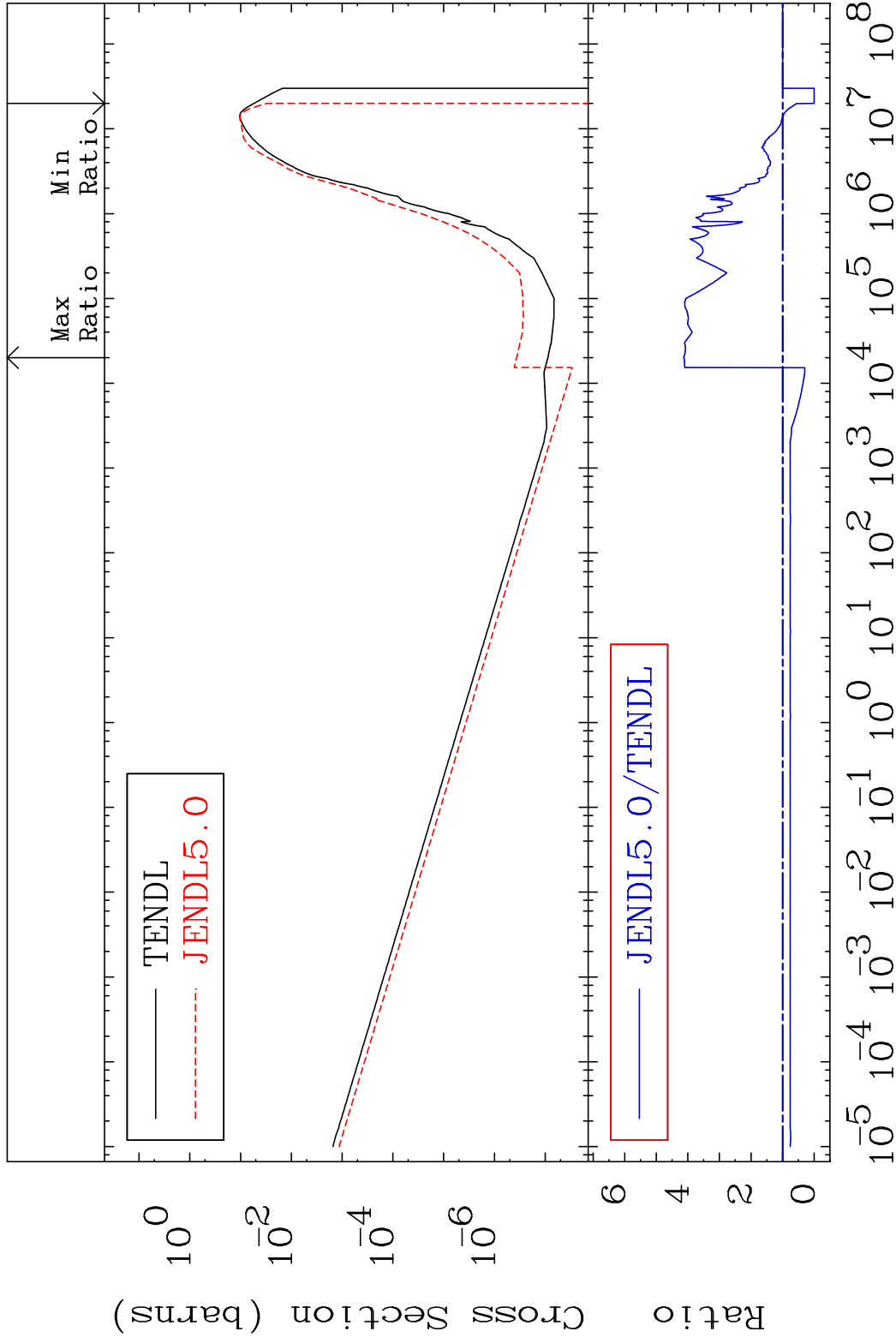


MAT 2825

(n, α)

28-Ni-58

Cross Section -100.0 To 313.4 %

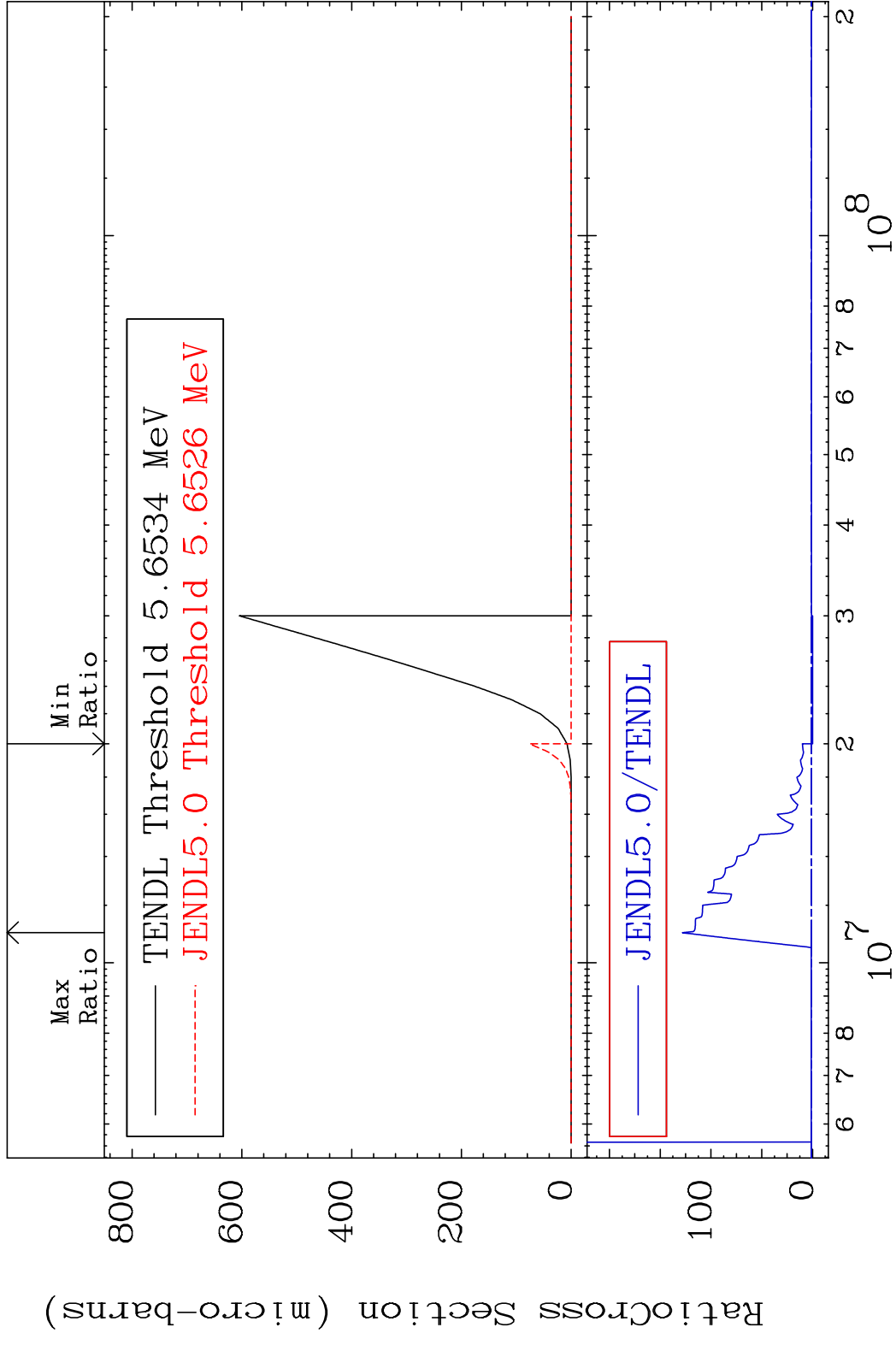


34

Incident Energy (eV)

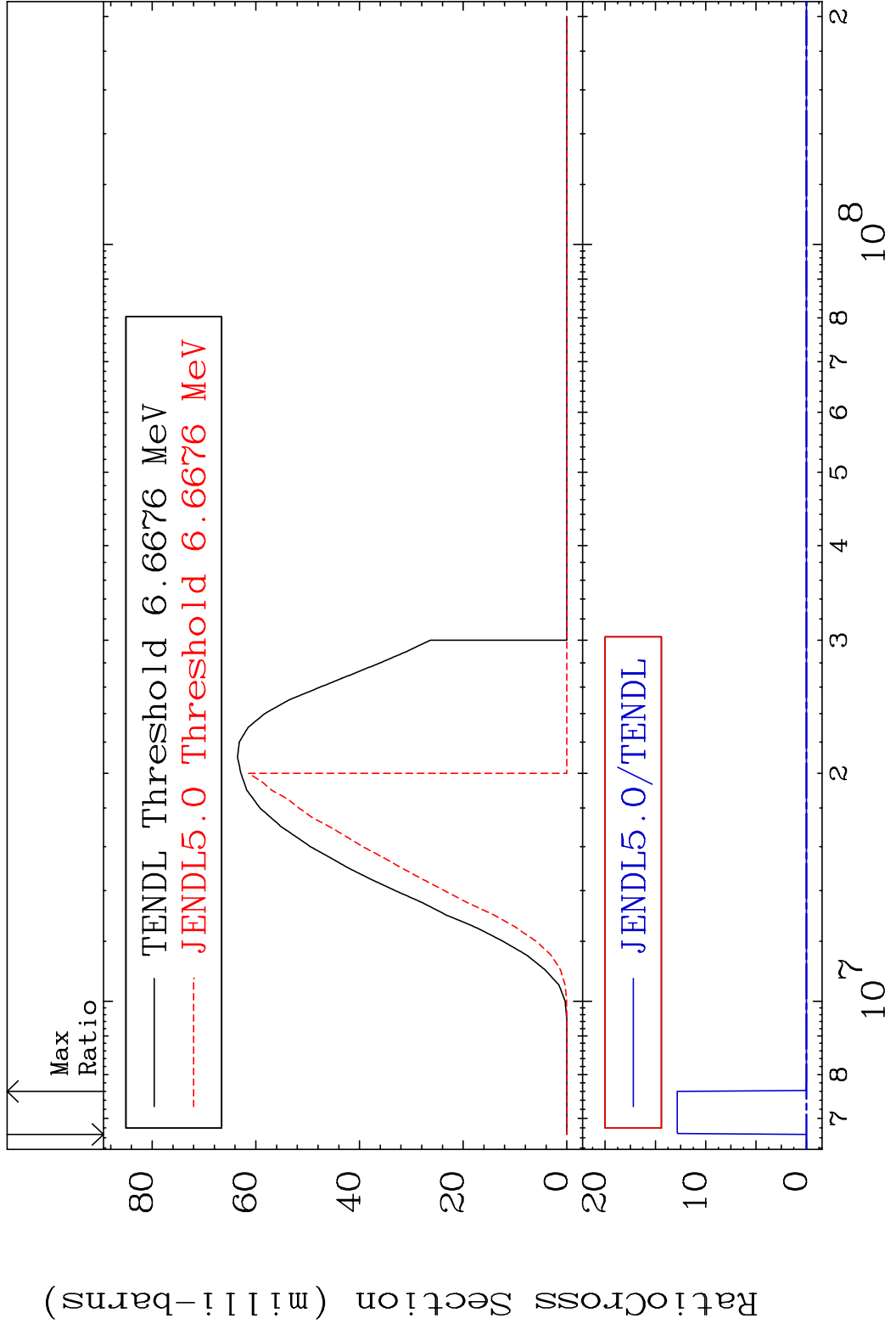
28-Ni-58

MAT 2825 (n,2α) 28-Ni-58
 Cross Section -100.0 To 9999. %

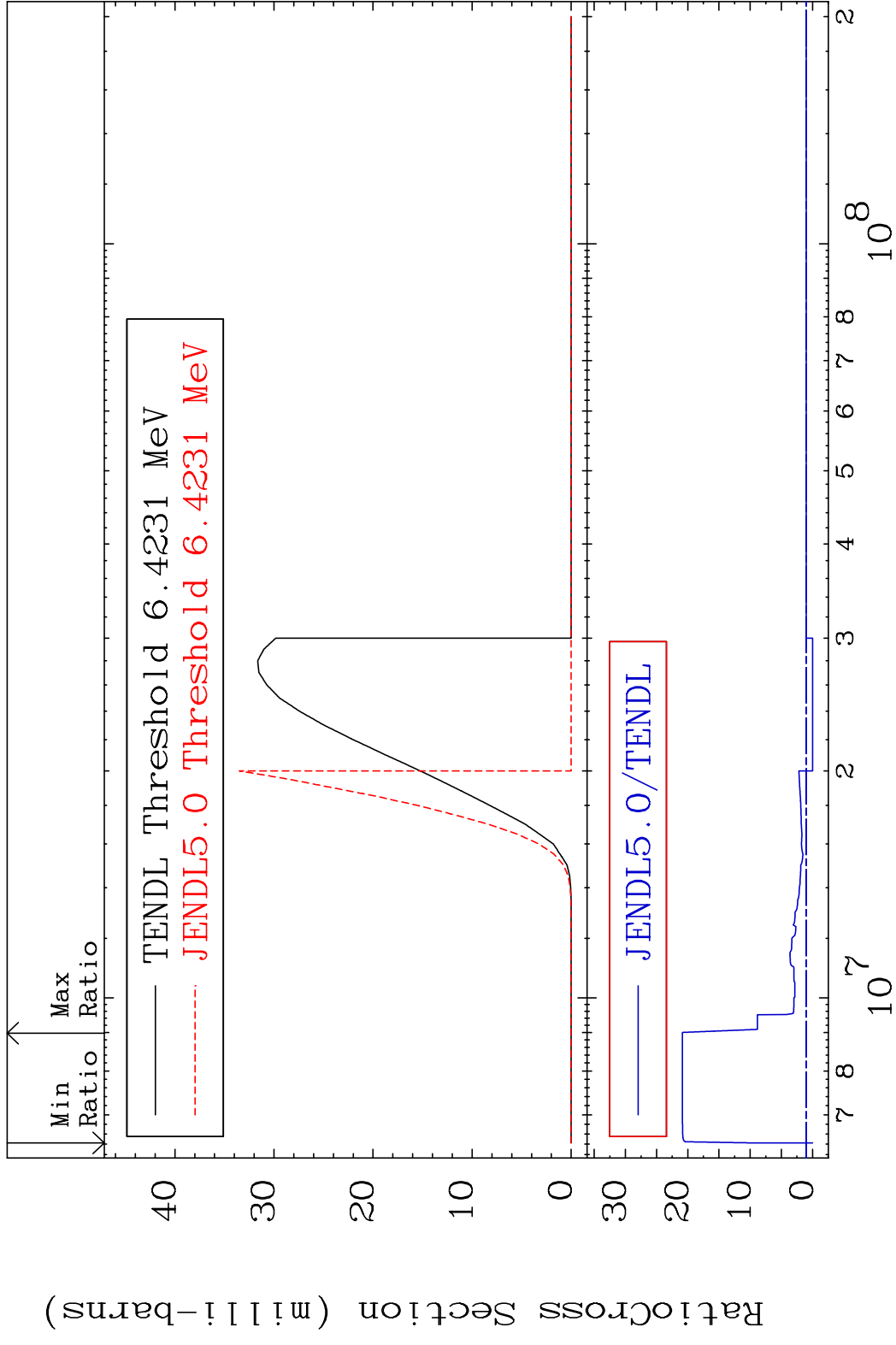


35 28-Ni-58

MAT 2825 (n,2p) 28-Ni-58
 Cross Section -100.0 To 9999. %

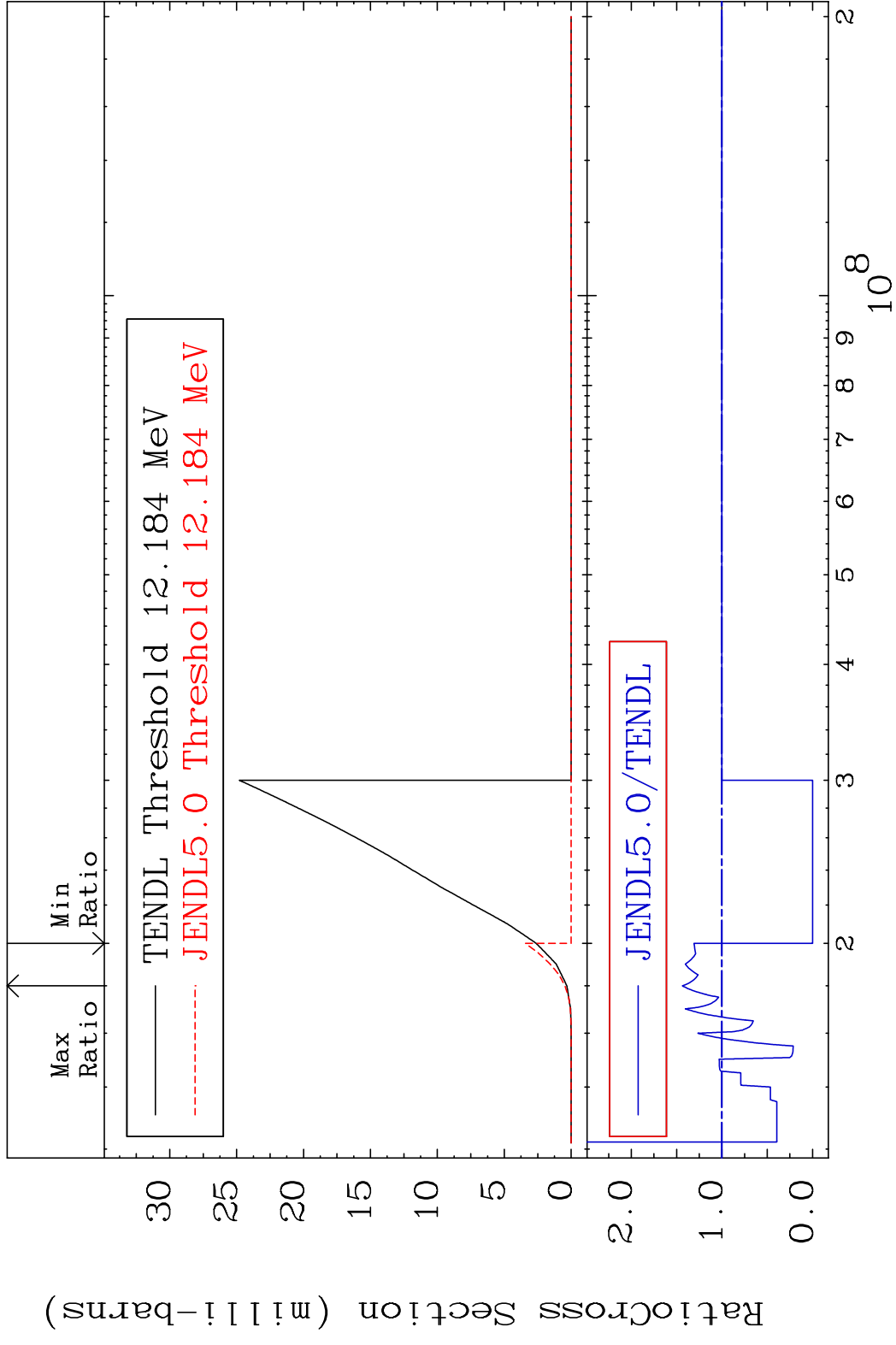


MAT 2825 (n,p) α 28-Ni-58
 Cross Section -100.0 To 1987. %

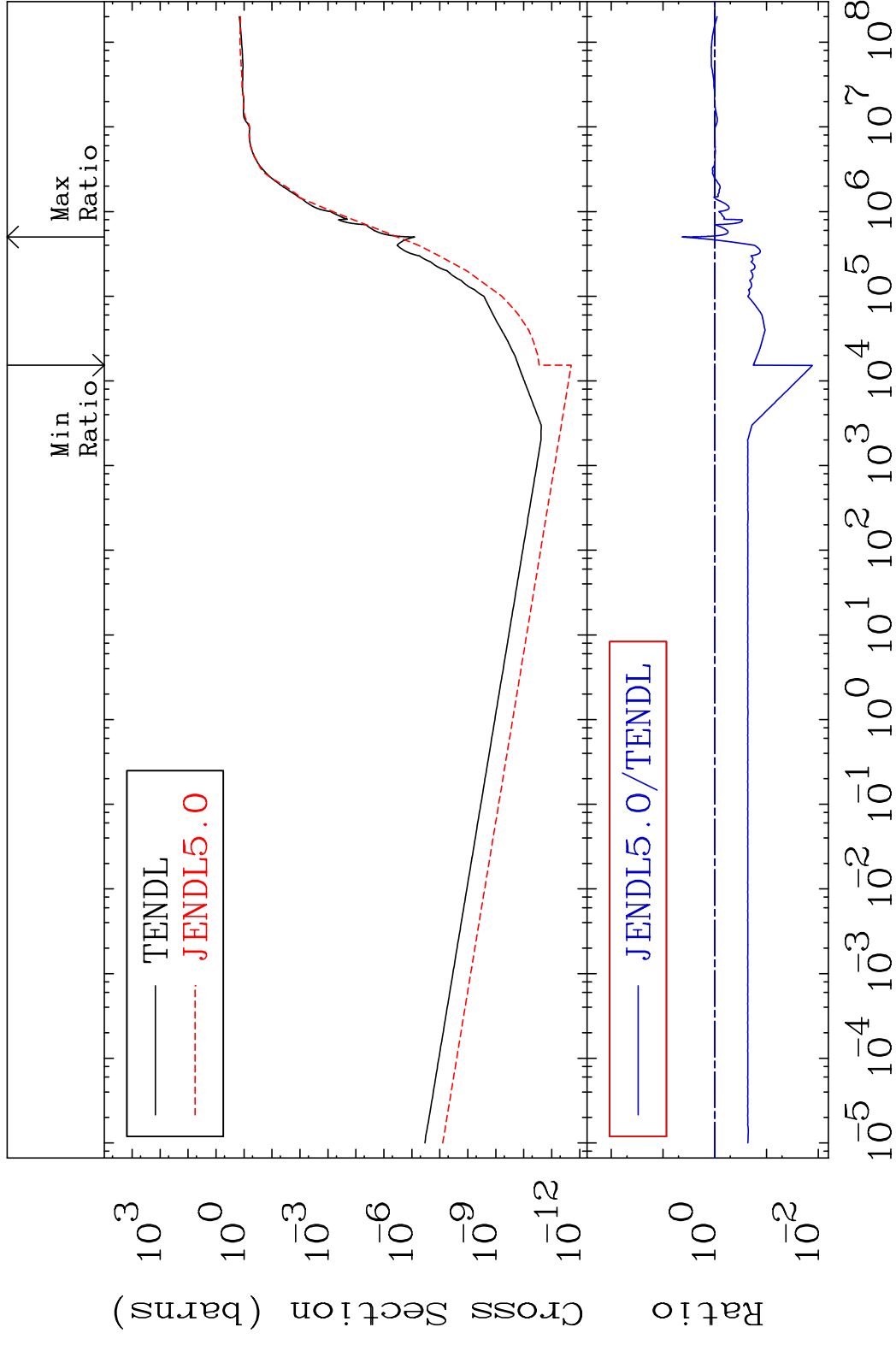


37 Incident Energy (eV) 28-Ni-58

MAT 2825 (n,p) d 28-Ni-58
 Cross Section -100.0 To 43.68 %

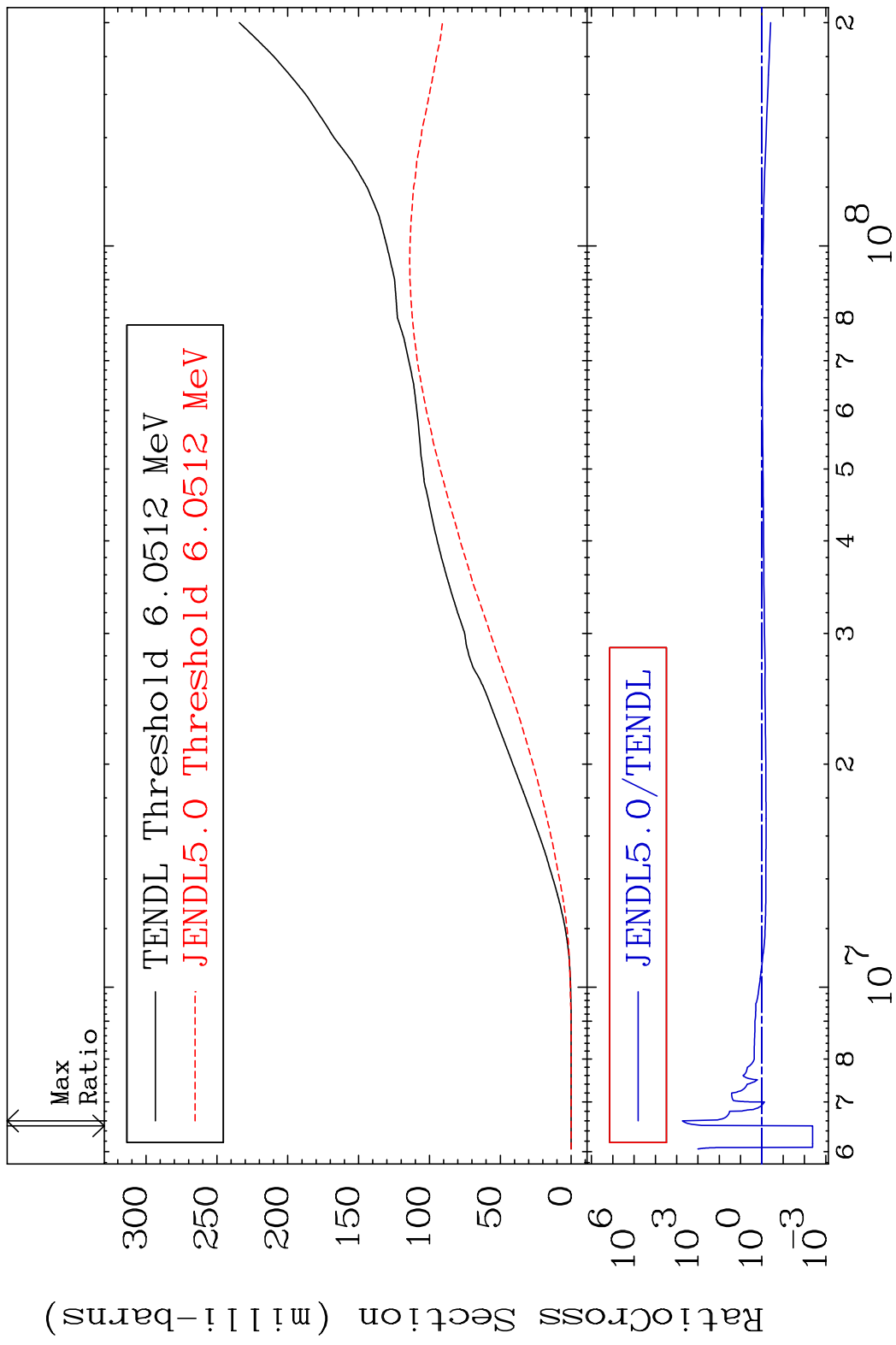


MAT 2825 Hydrogen Production Cross Section -98.71 To 323.5 % 28-Ni-58



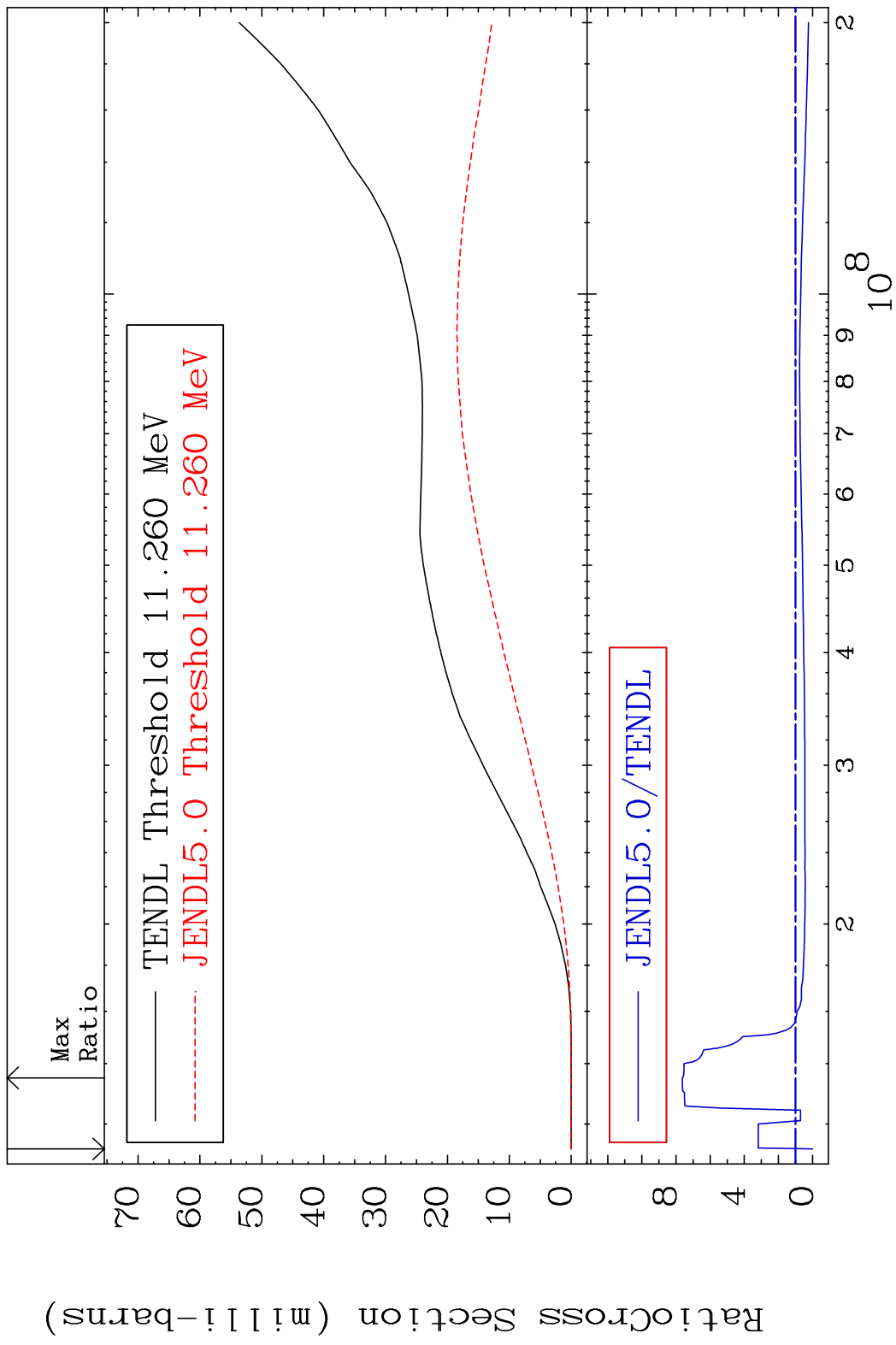
39 Incident Energy (eV) 28-Ni-58

MAT 2825 Deuterium Production 28-Ni-58
 Cross Section -99.58 To 9999. %



40 Incident Energy (eV) 28-Ni-58

MAT 2825 Tritium Production 28-Ni-58
 Cross Section -100.0 To 662.8 %



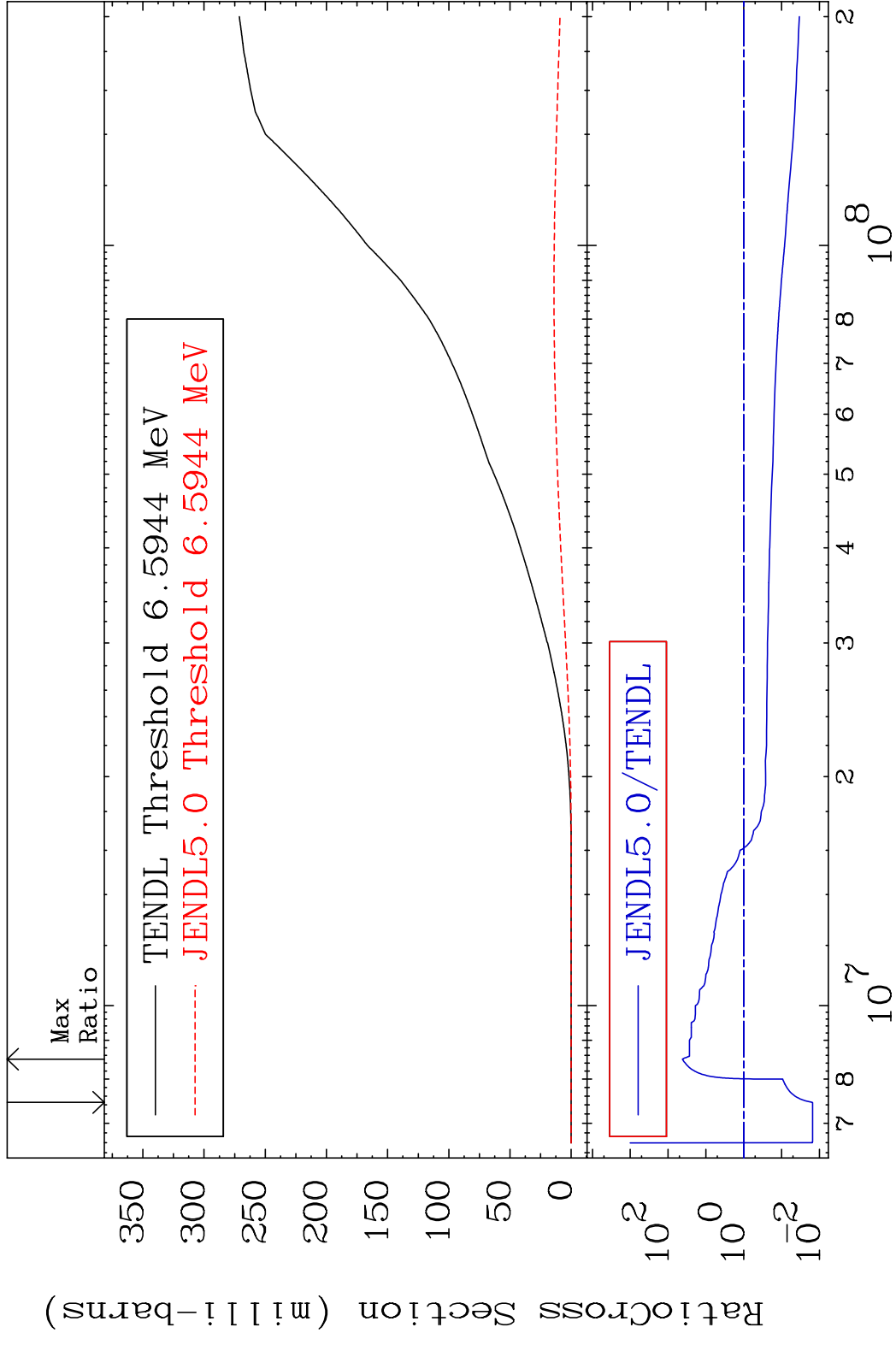
41 Incident Energy (eV) 28-Ni-58

MAT 2825

He-3 Production

28-Ni-58

Cross Section -98.48 To 4098. %



42

Incident Energy (eV)

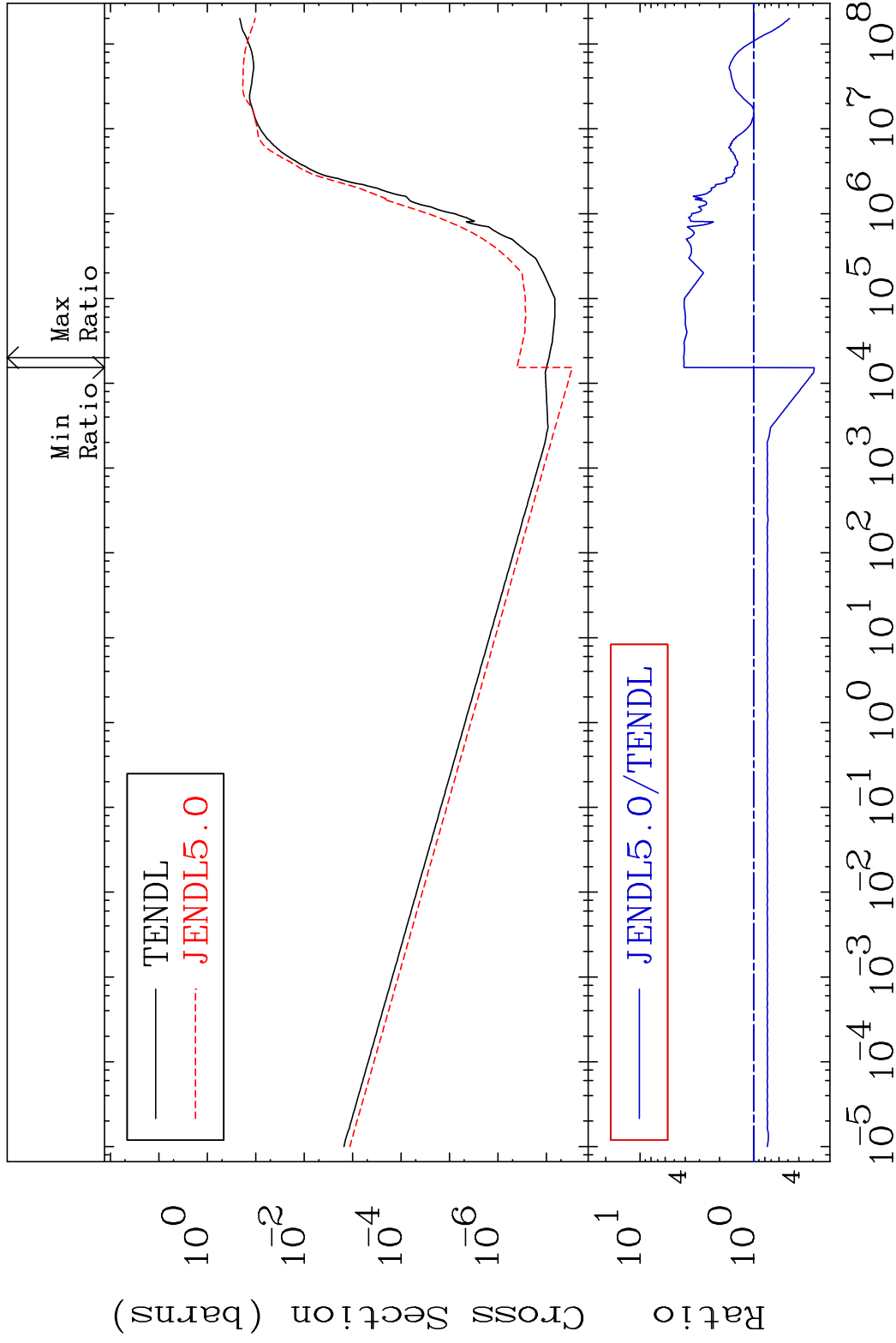
28-Ni-58

MAT 2825

He-4 Production

²⁸Ni-58

Cross Section -70.60 To 313.4 %

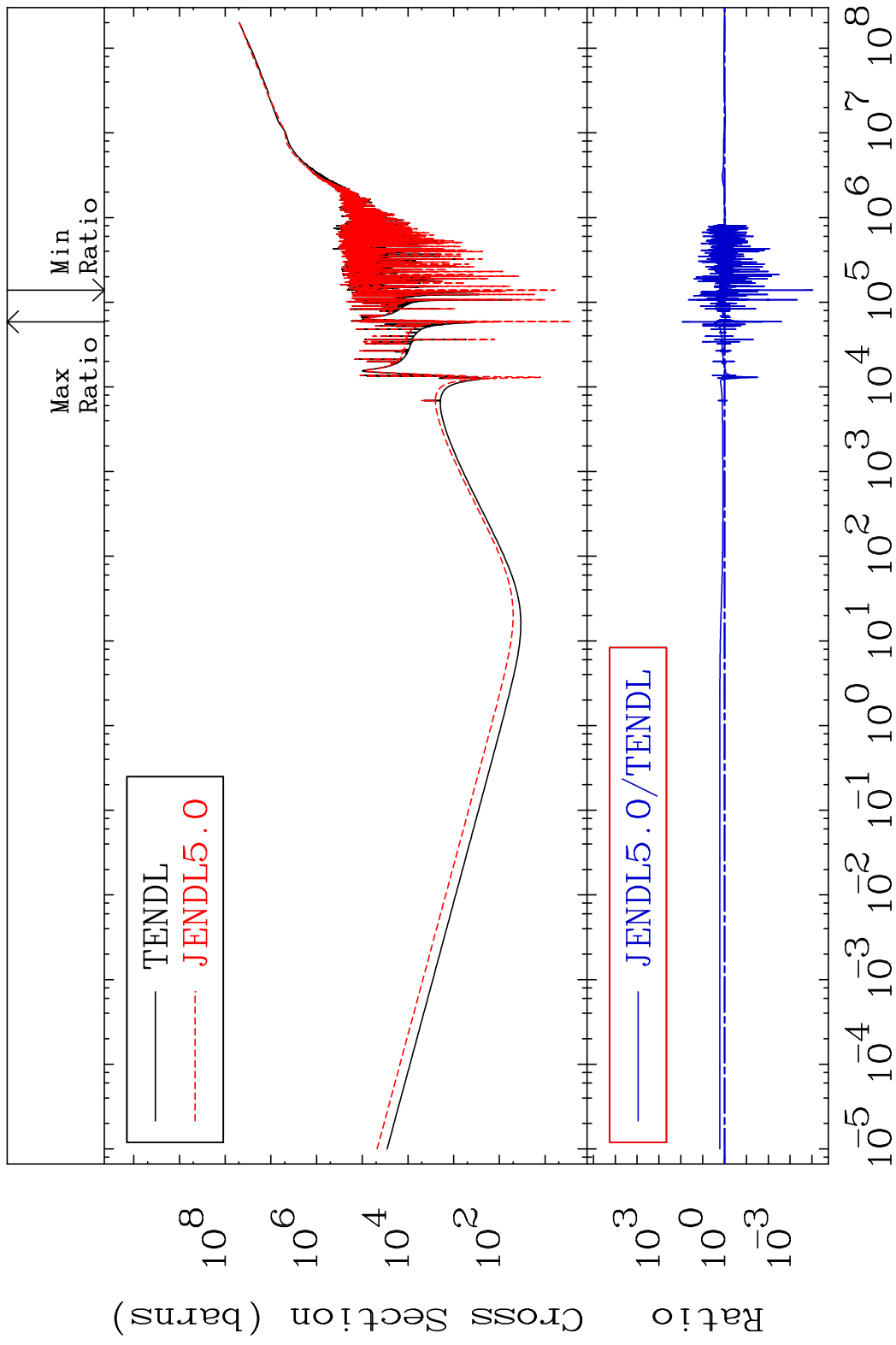


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Incident Energy (eV)

²⁸Ni-58

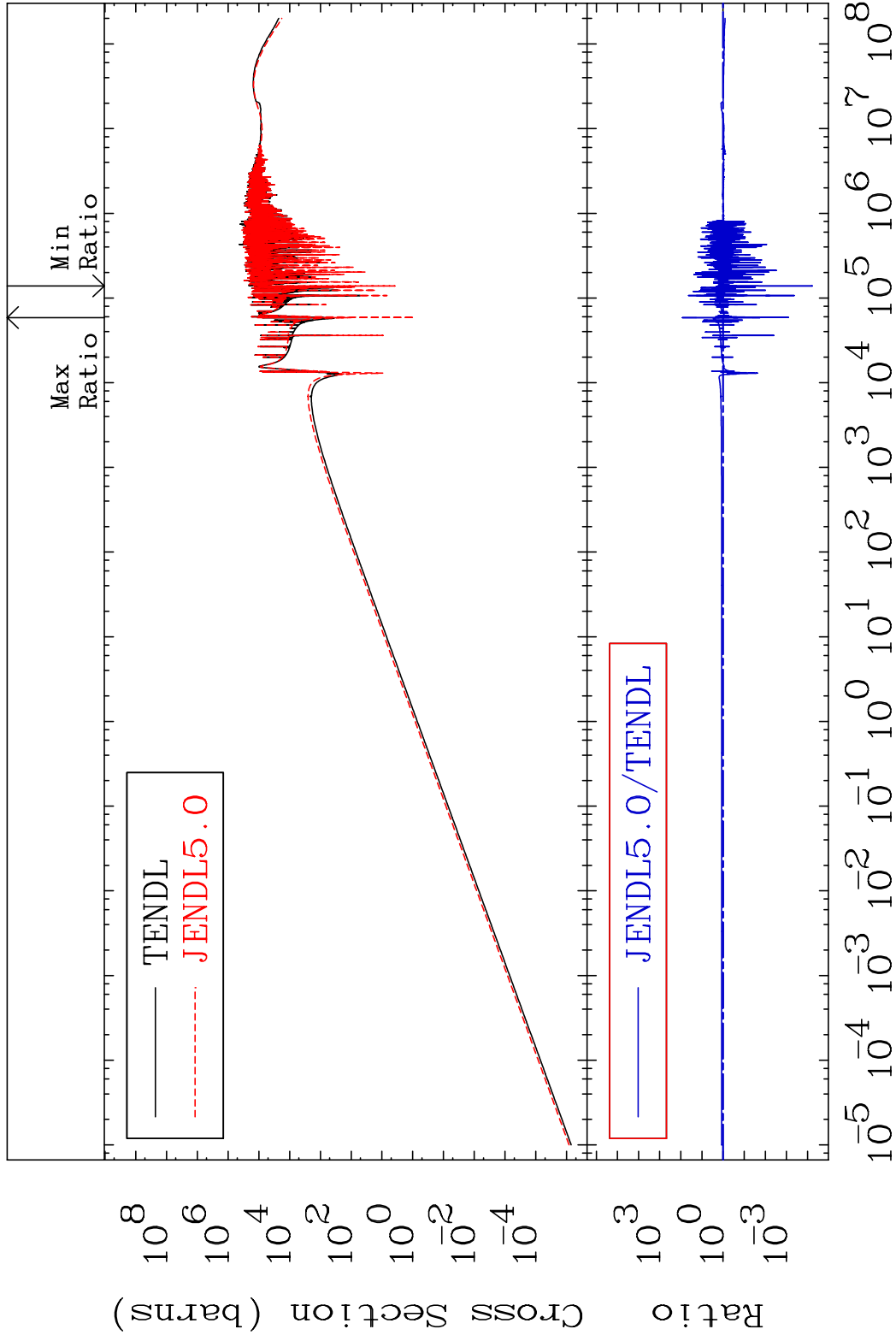
MAT 2825 Kerma total (eV-barns) 28-Ni-58
 Cross Section -99.99 To 8415. %



MAT 2825

Kerma elastic
Cross Section

28-Ni-58
-99.99 To 8345. %

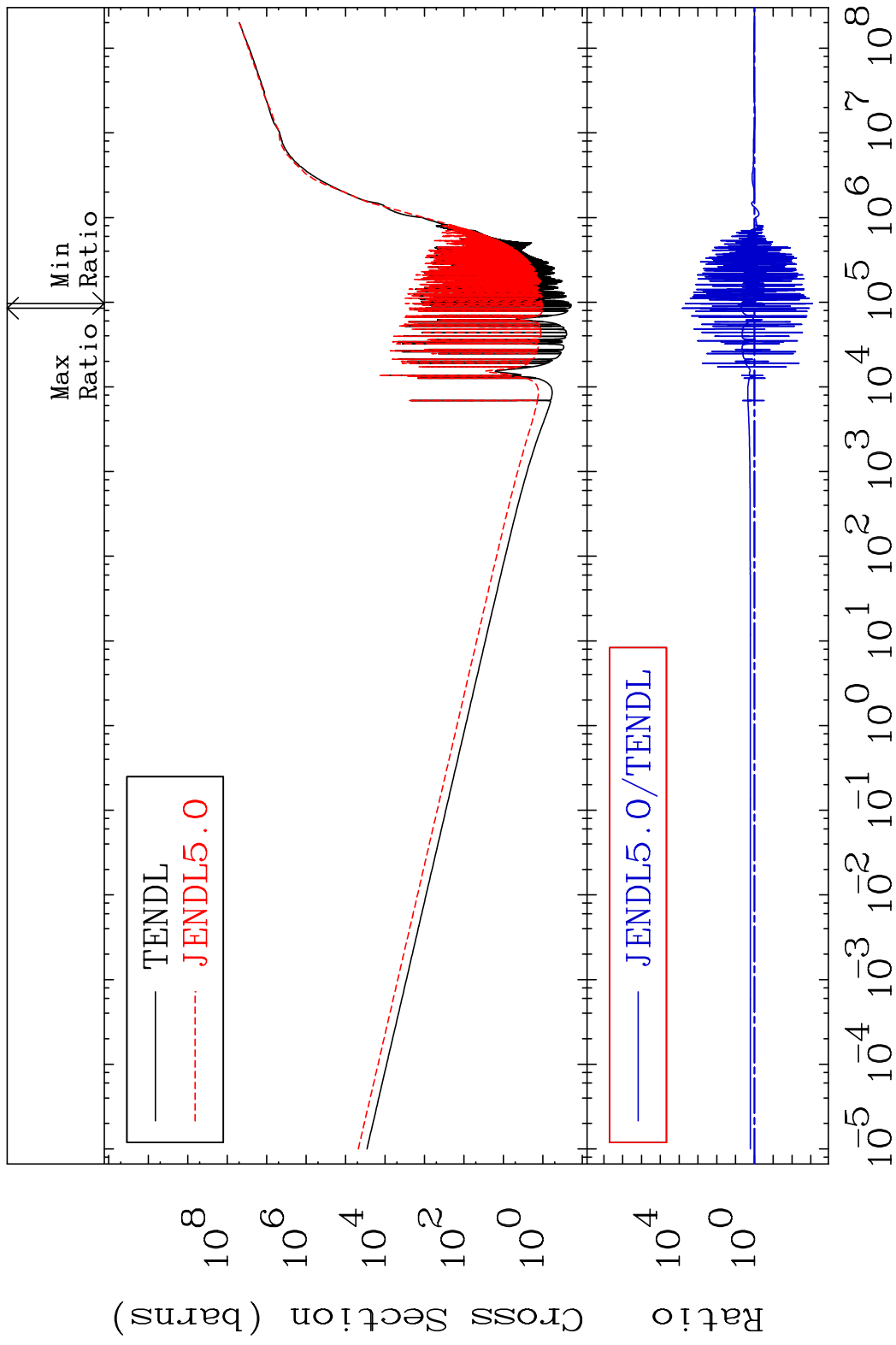


45

Incident Energy (eV)

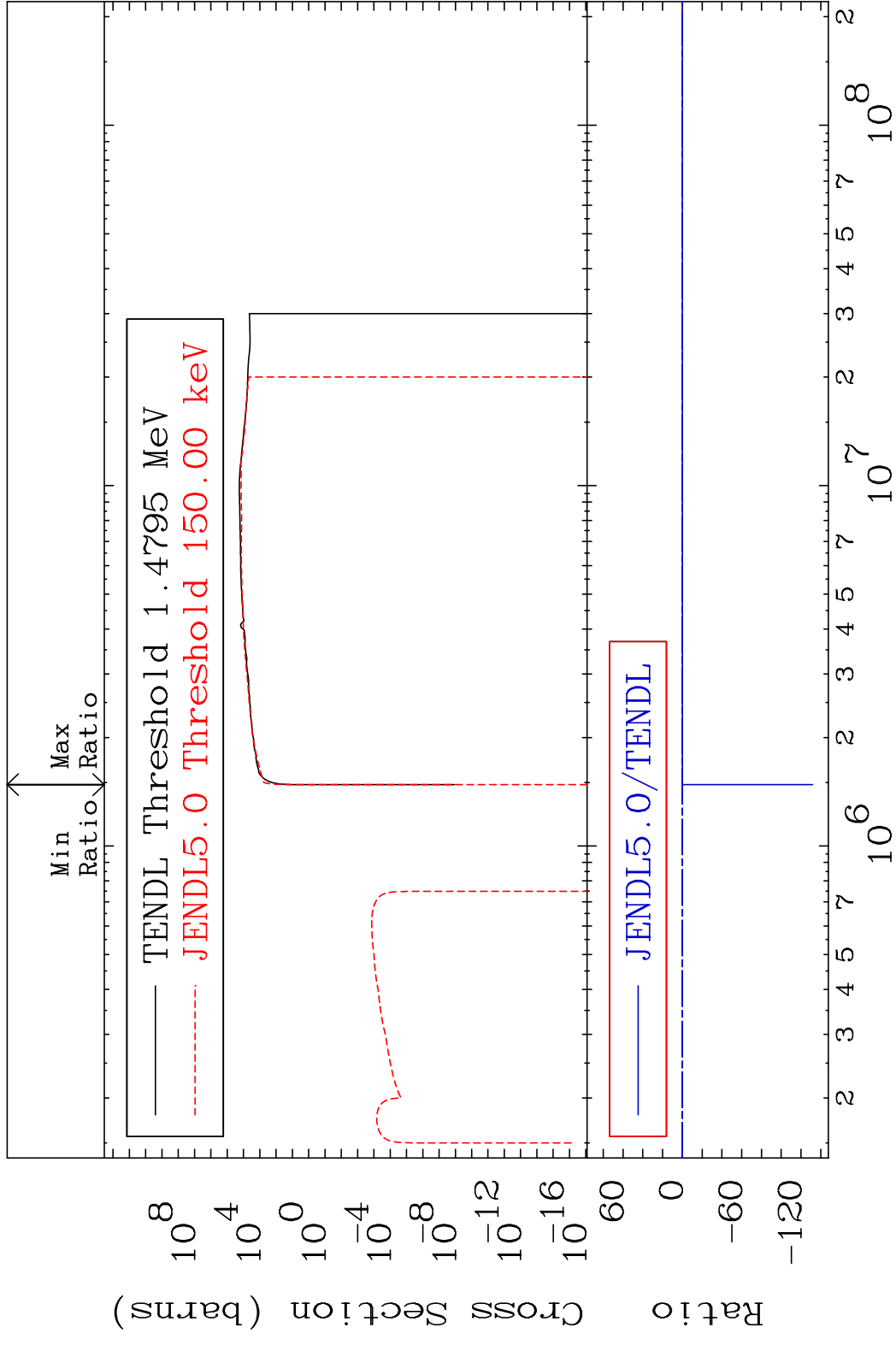
28-Ni-58

MAT 2825 Kerma non-elastic (all but mt2) 28-Ni-58
 Cross Section -99.92 To 9999. %

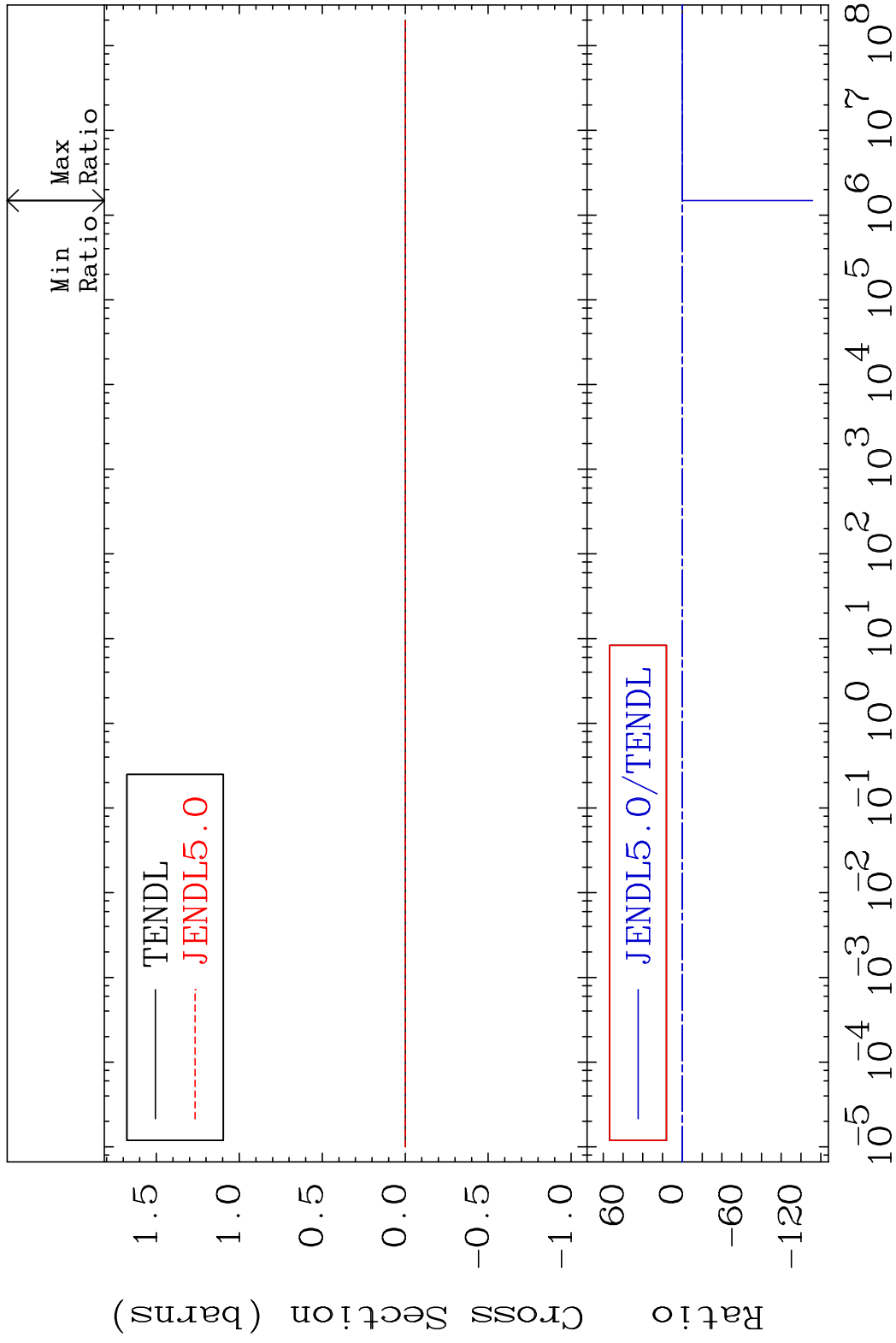


46 Incident Energy (eV) 28-Ni-58

MAT 2825 Kerma inelastic (mt51-91) 28-Ni-58
 Cross Section -9999. To 244.0 %

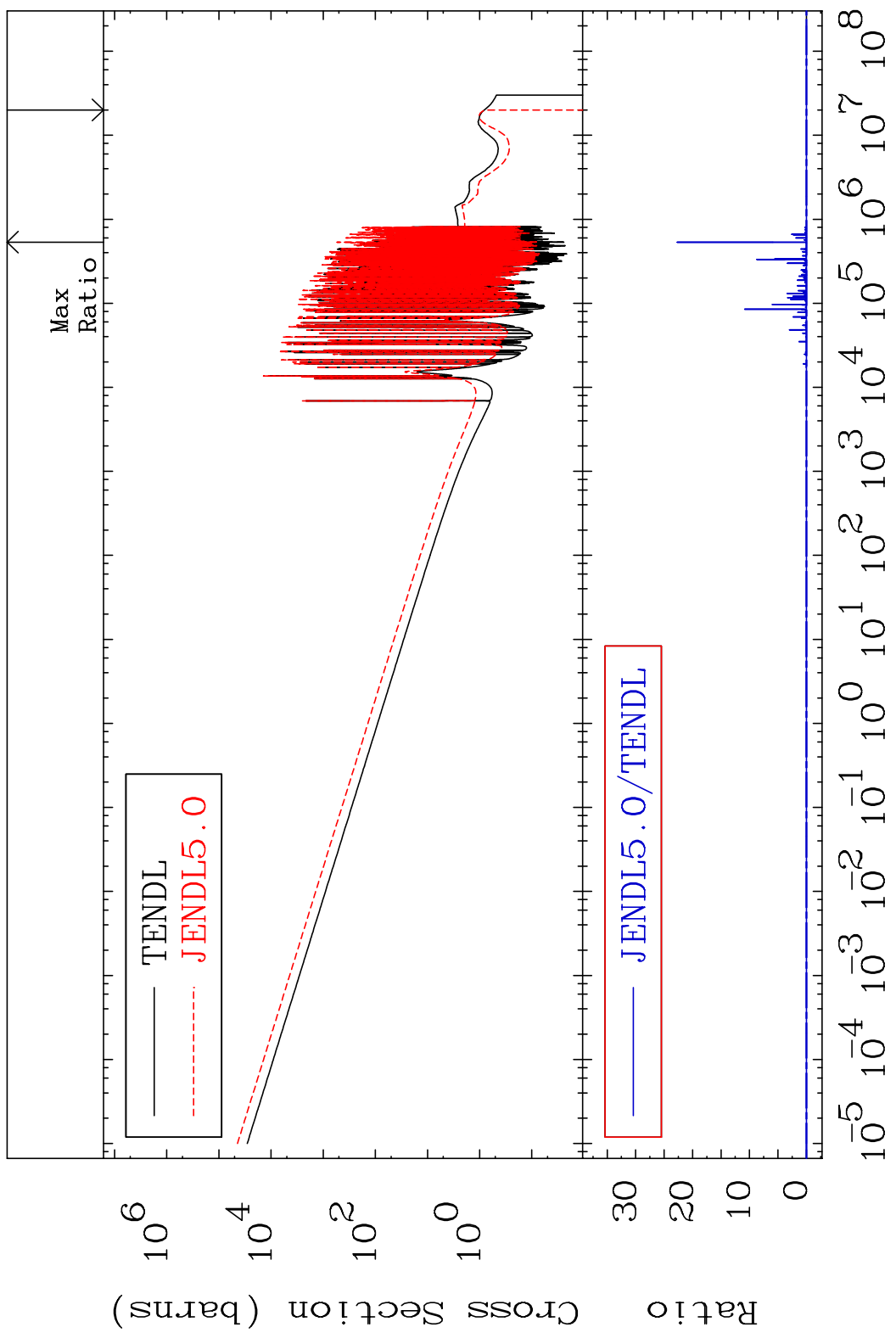


MAT 2825 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-58
 Cross Section -9999. To 244.0 %



MAT 2825

Kerma capture (mt102) 28-Ni-58
Cross Section -100.0 To 9999. %

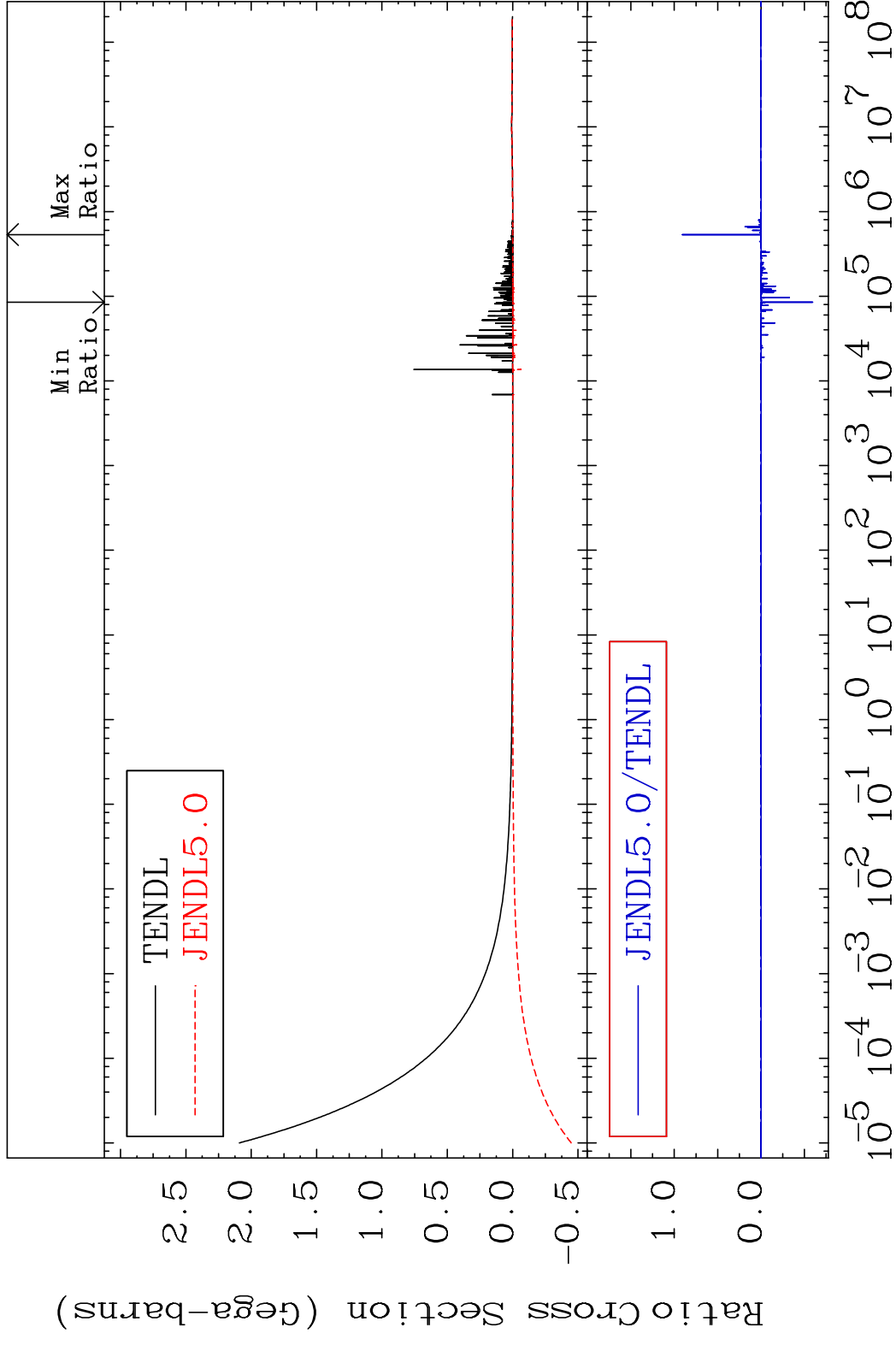


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Incident Energy (eV)

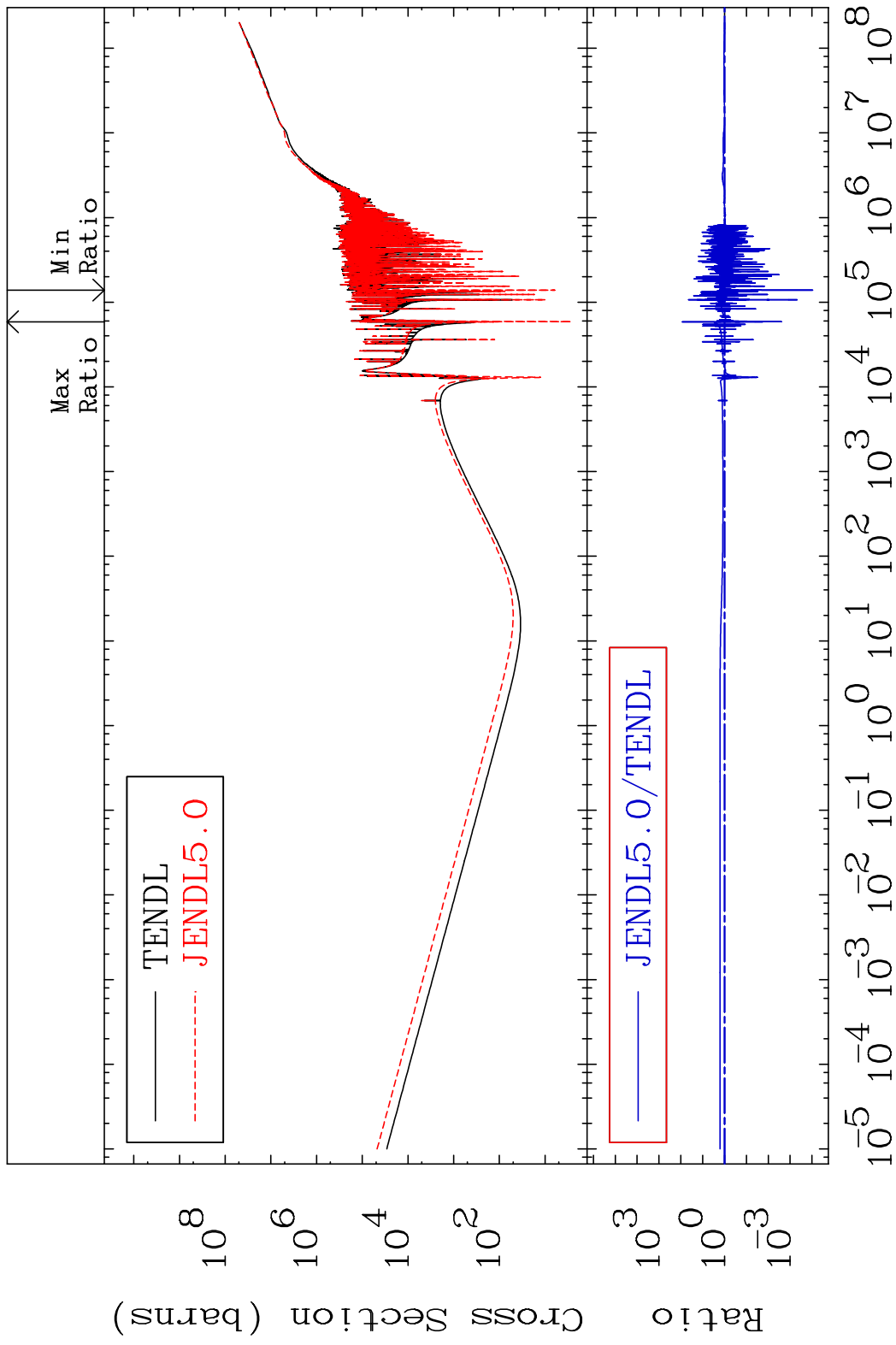
28-Ni-58

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

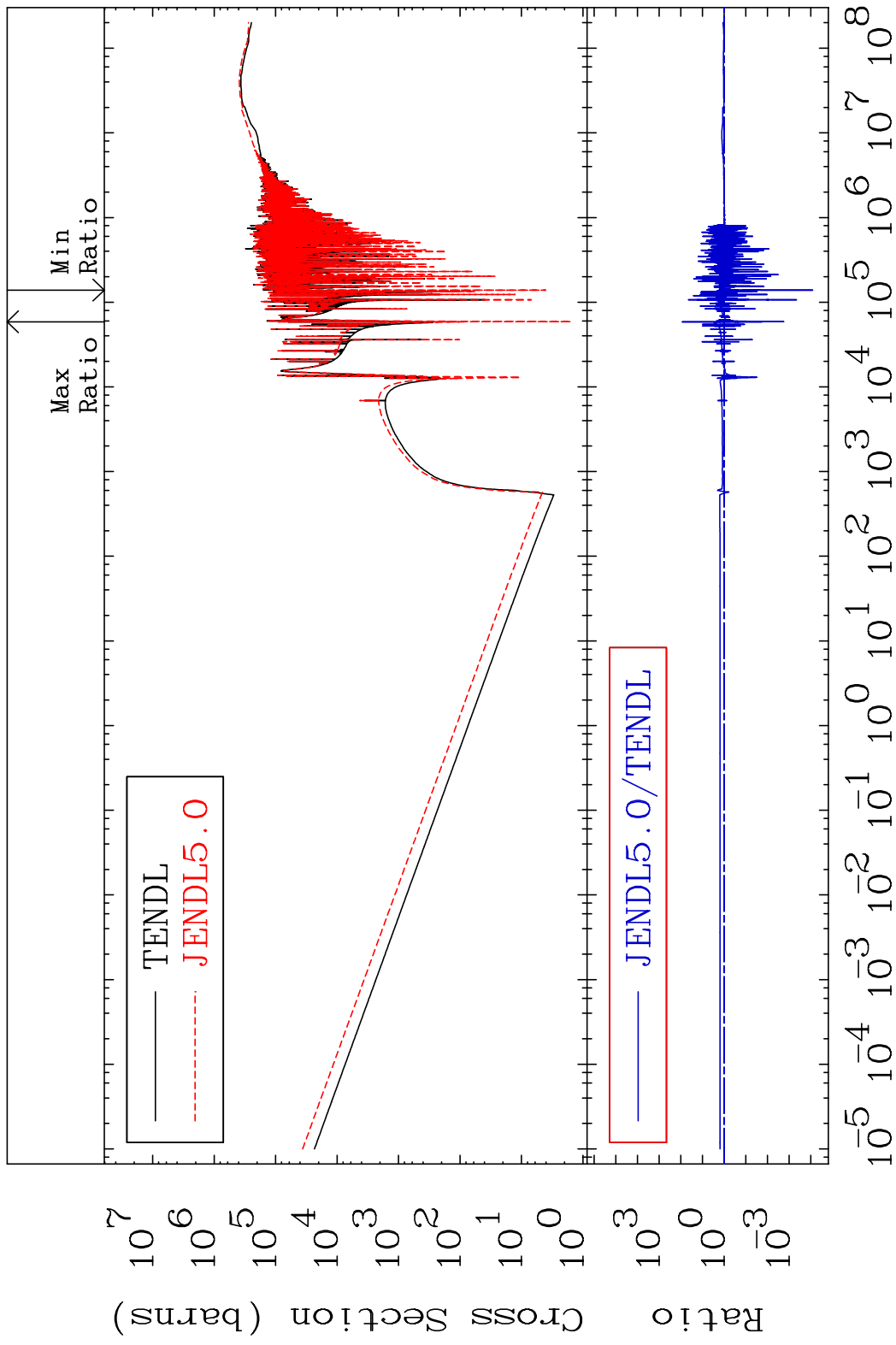


50 Incident Energy (eV) 28-Ni-58

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. %



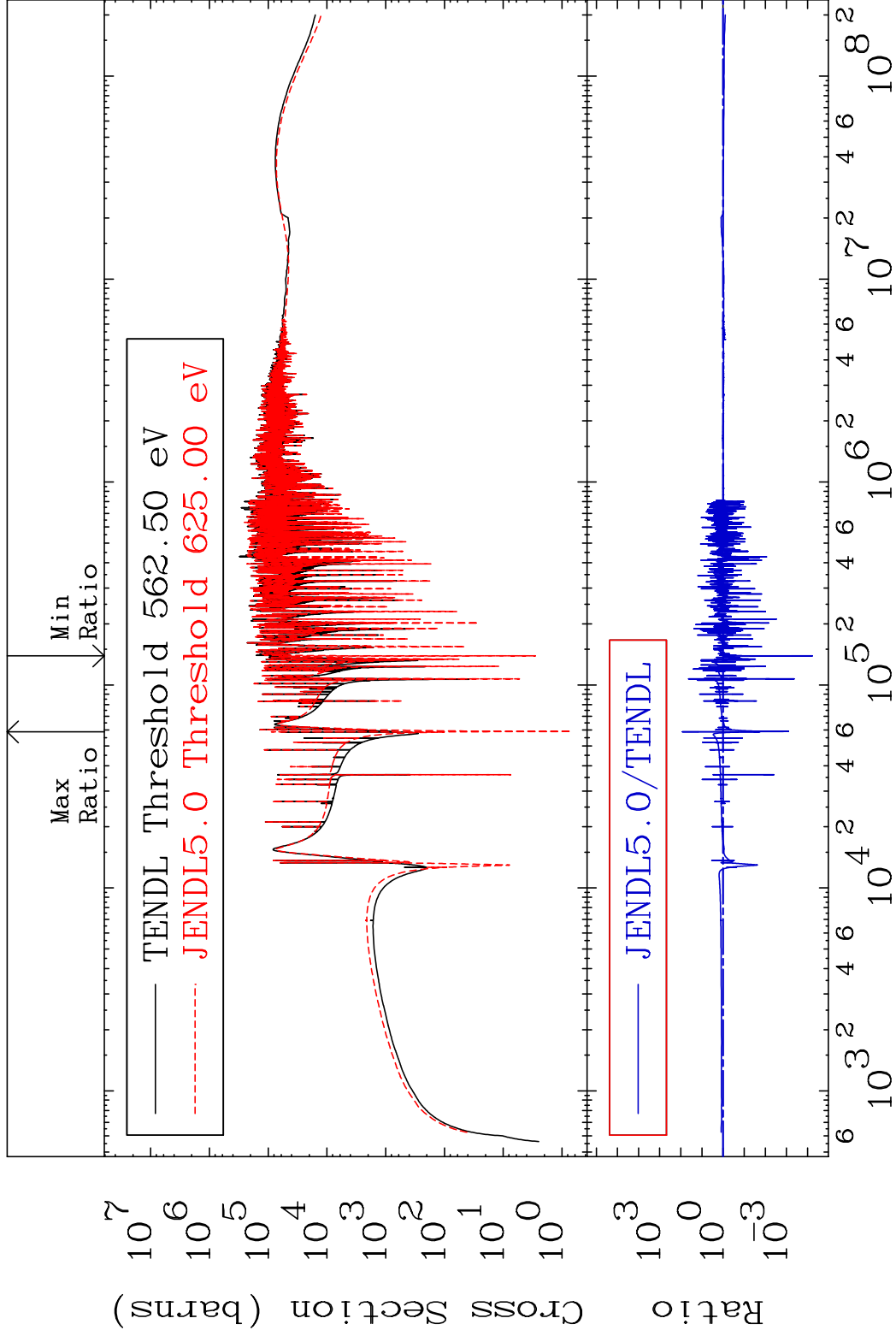
52 Incident Energy (eV) 28-Ni-58

MAT 2825

Dpa elastic (mt2)

²⁸Ni-58

Cross Section -99.99 To 8345. %

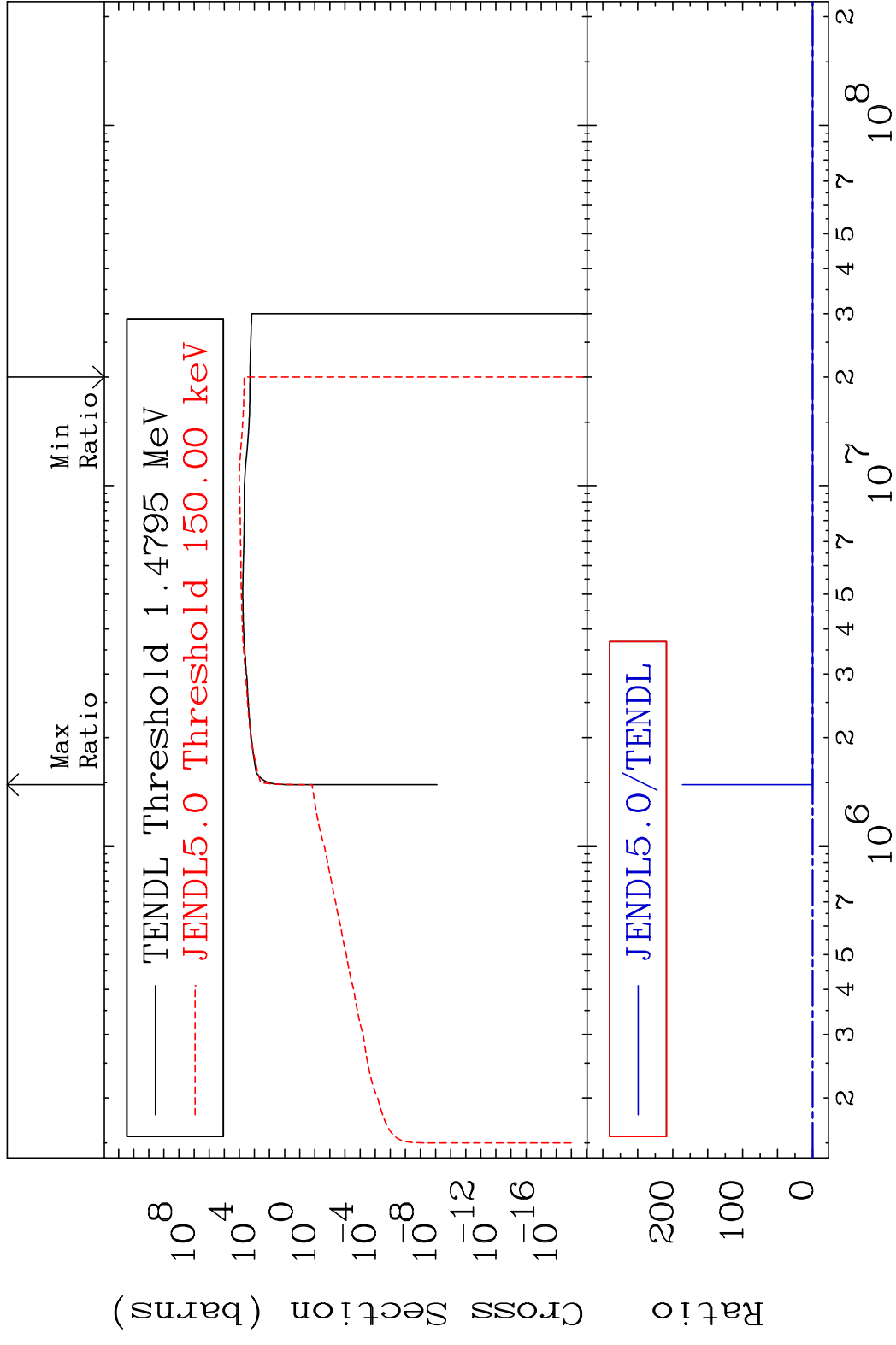


53

Incident Energy (eV)

²⁸Ni-58

MAT 2825 Dpa inelastic (mt51-91) 28-Ni-58
 Cross Section -100.0 To 9999. %



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

