

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

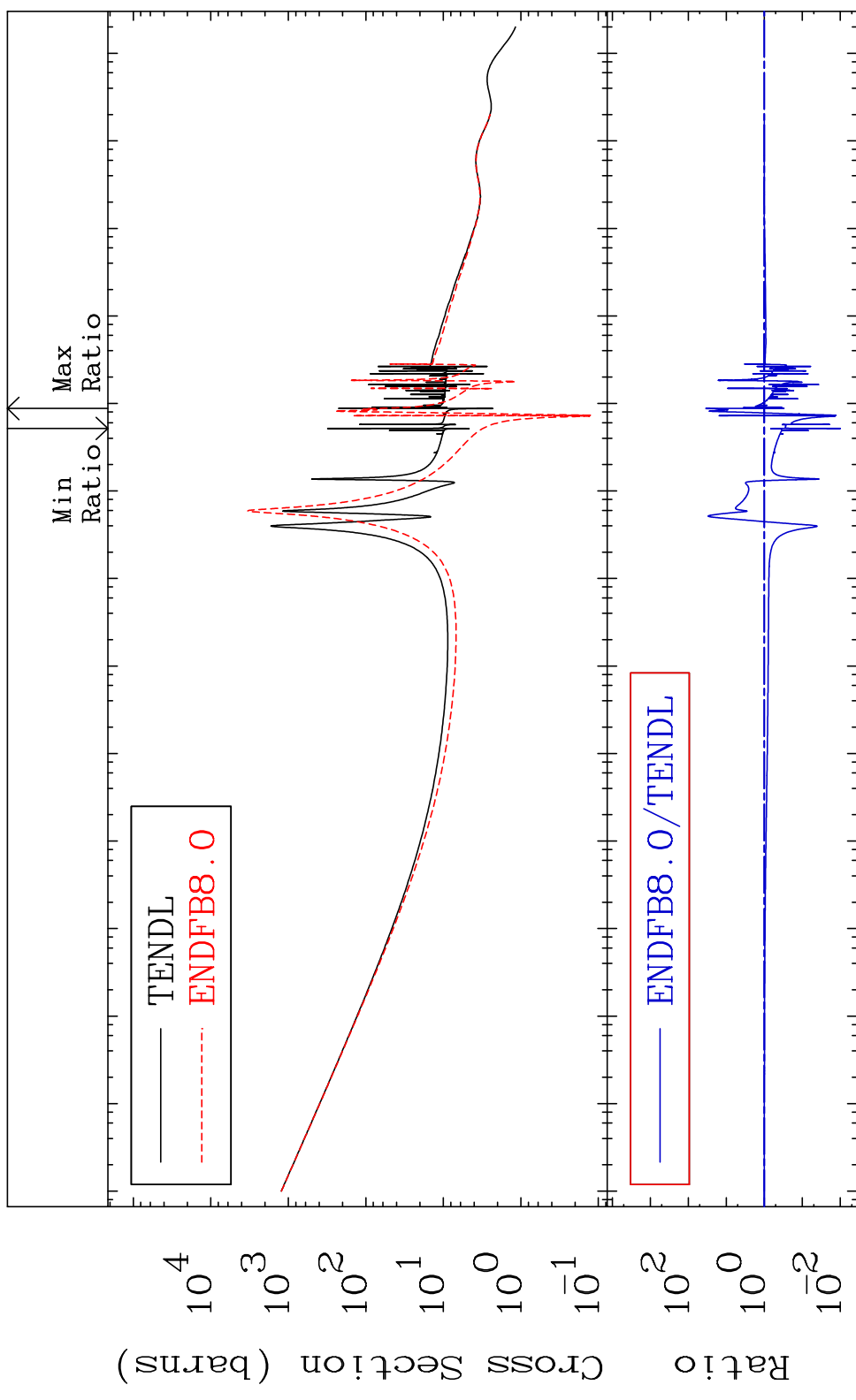
MAT 2840

Total

28-Ni-63

Cross Section

-99.01 To 3373. %



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

1

Incident Energy (eV)

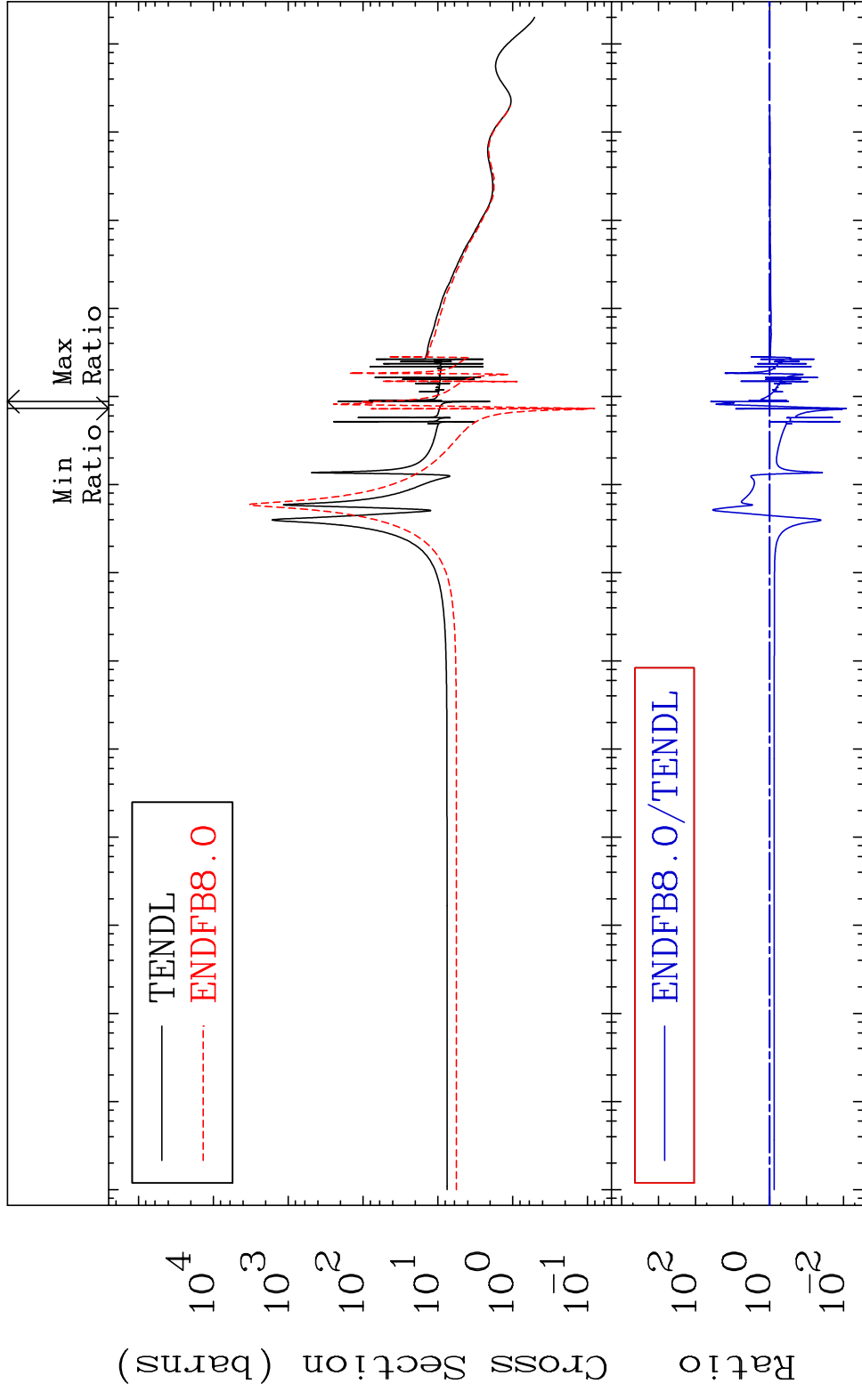
28-Ni-63

MAT 2840

Elastic

28-Ni-63

Cross Section -99.16 To 3799. %

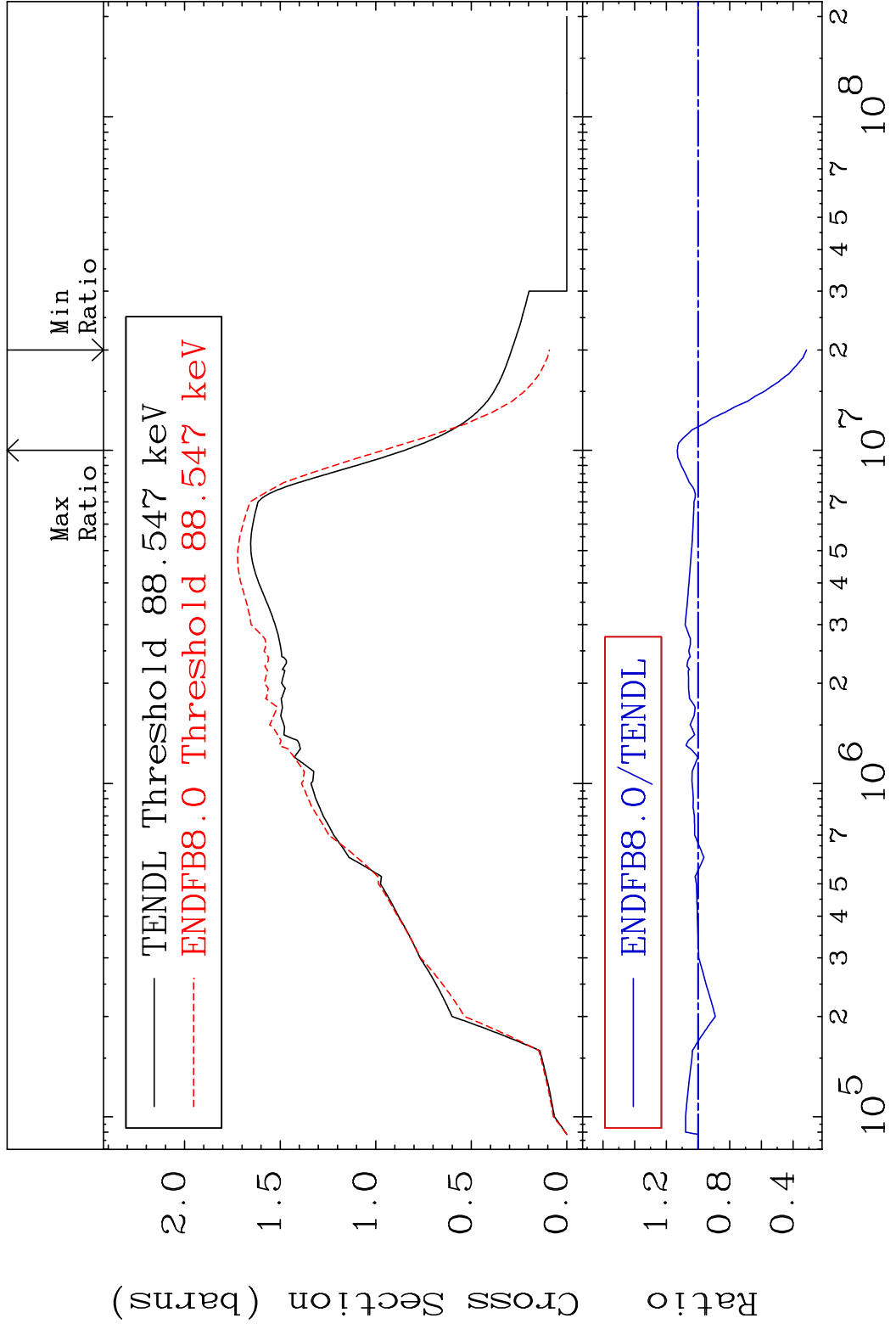


2

Incident Energy (eV)

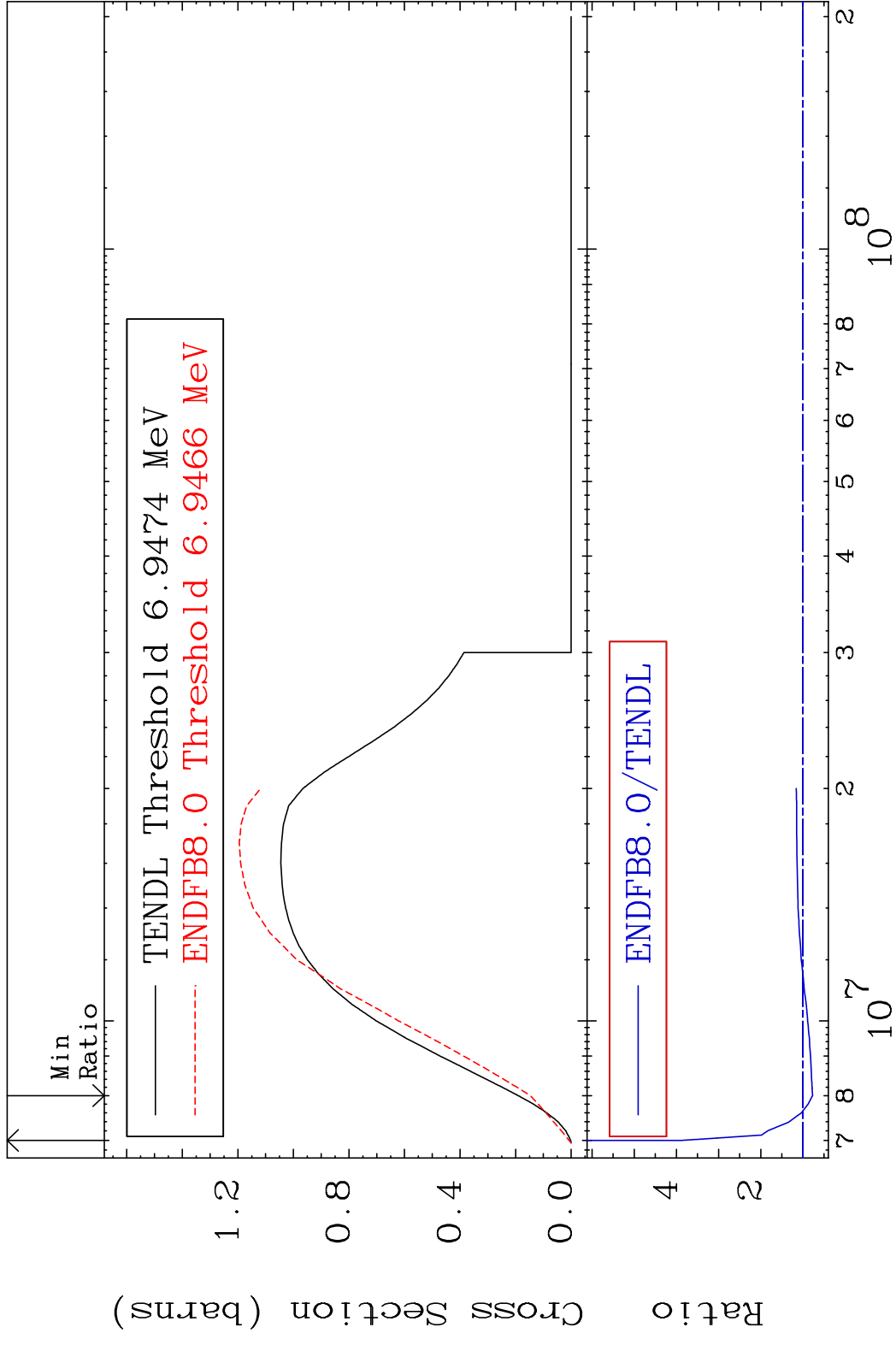
28-Ni-63

MAT 2840 Inelastic Cross Section -68.34 To 13.18 % 28-Ni-63



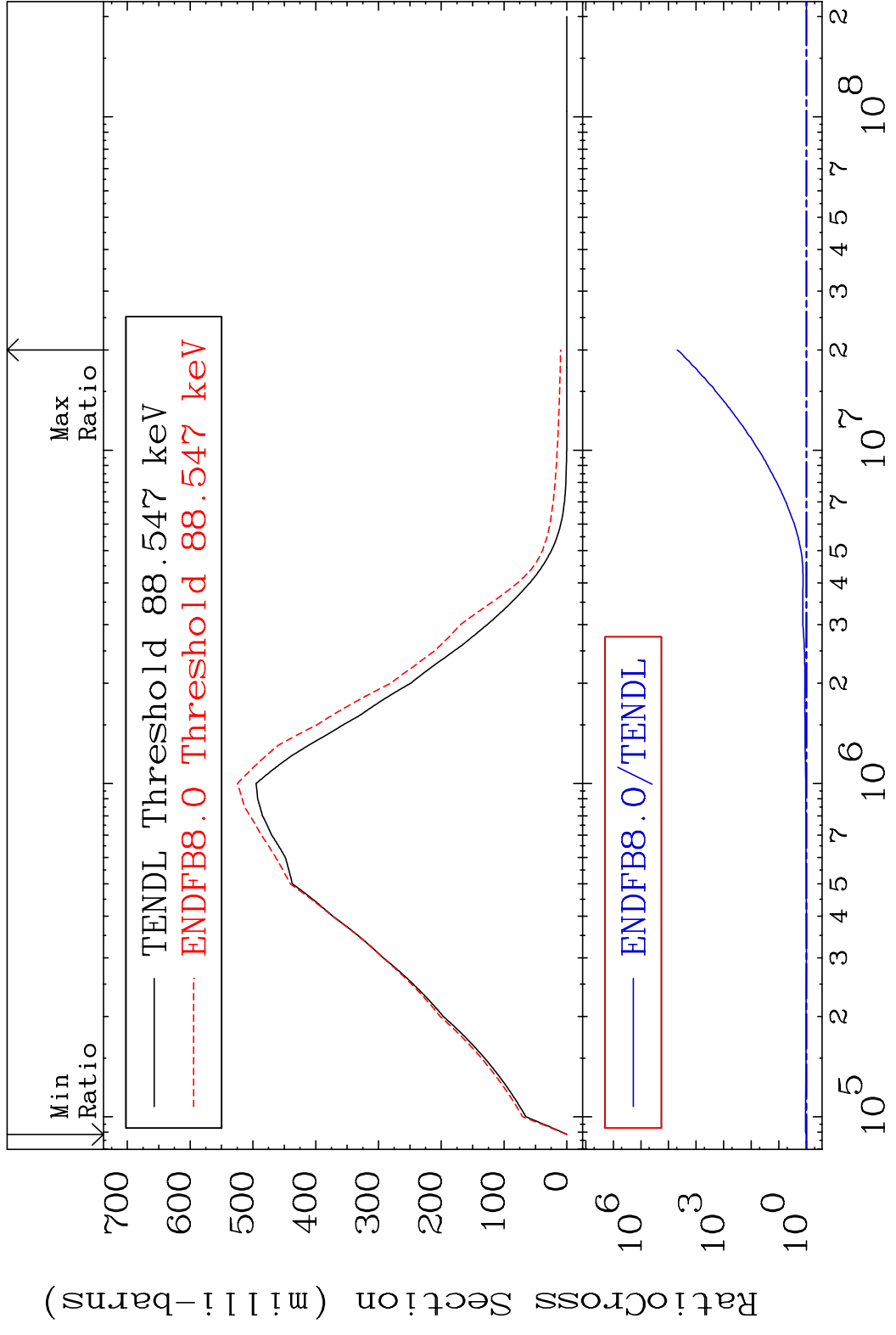
3 Incident Energy (eV) 28-Ni-63

MAT 2840 (n,2n) 28-Ni-63
 Cross Section -22.91 To 285.8 %



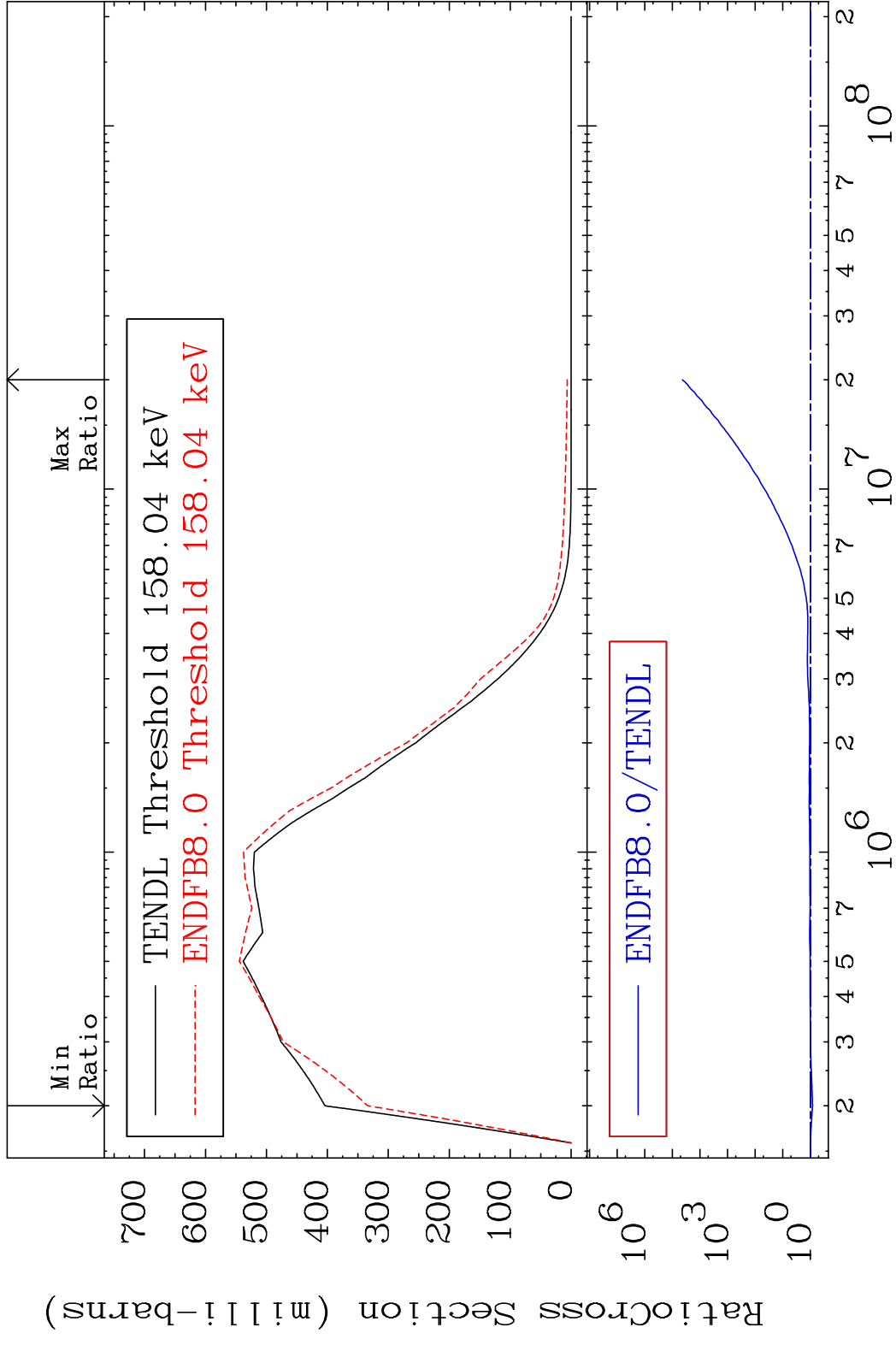
4 Incident Energy (eV) 28-Ni-63

MAT 2840 MT= 51 (n,n') Level 28-Ni-63
 Cross Section 0.000 To 9999. %

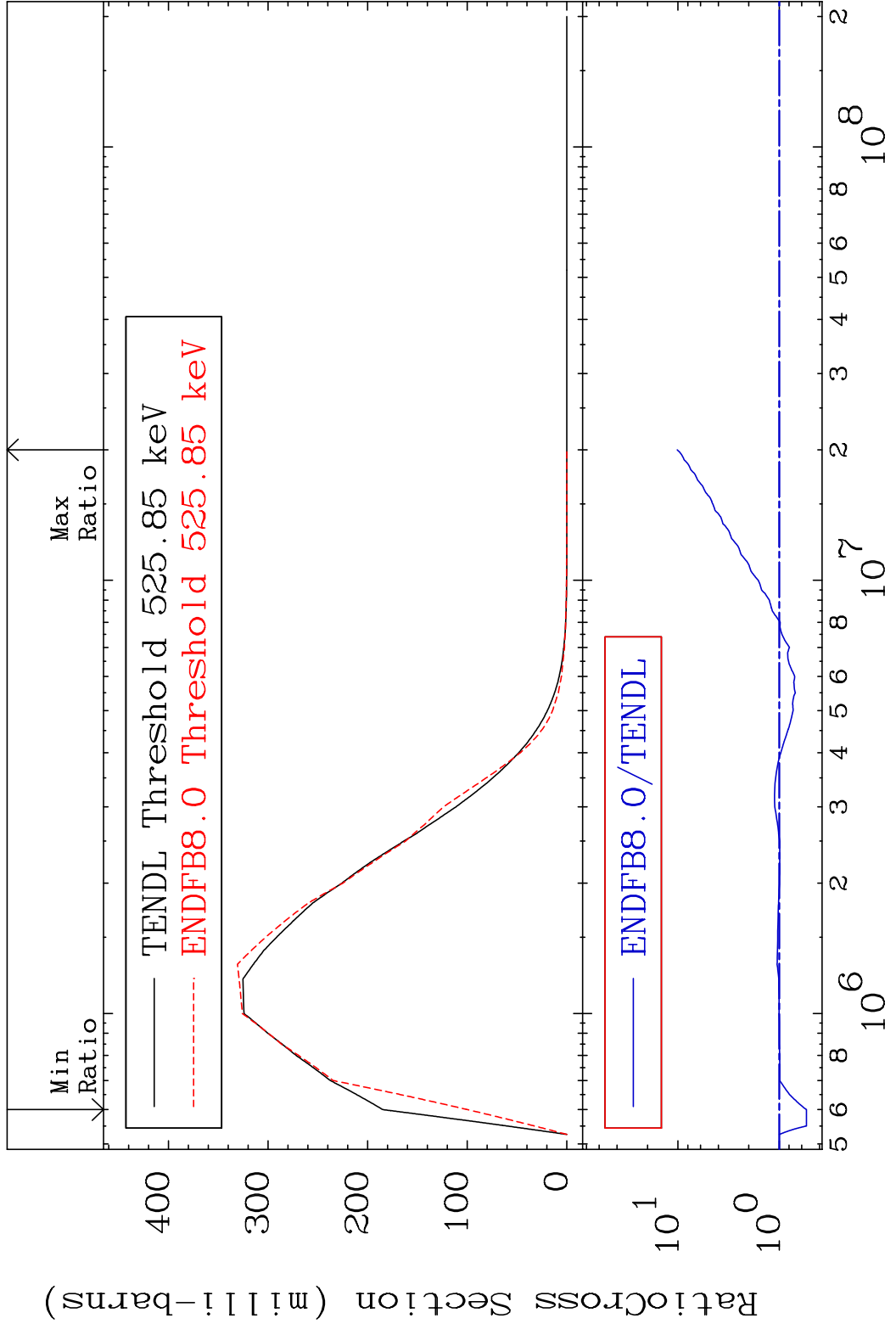


5 Incident Energy (eV) 28-Ni-63

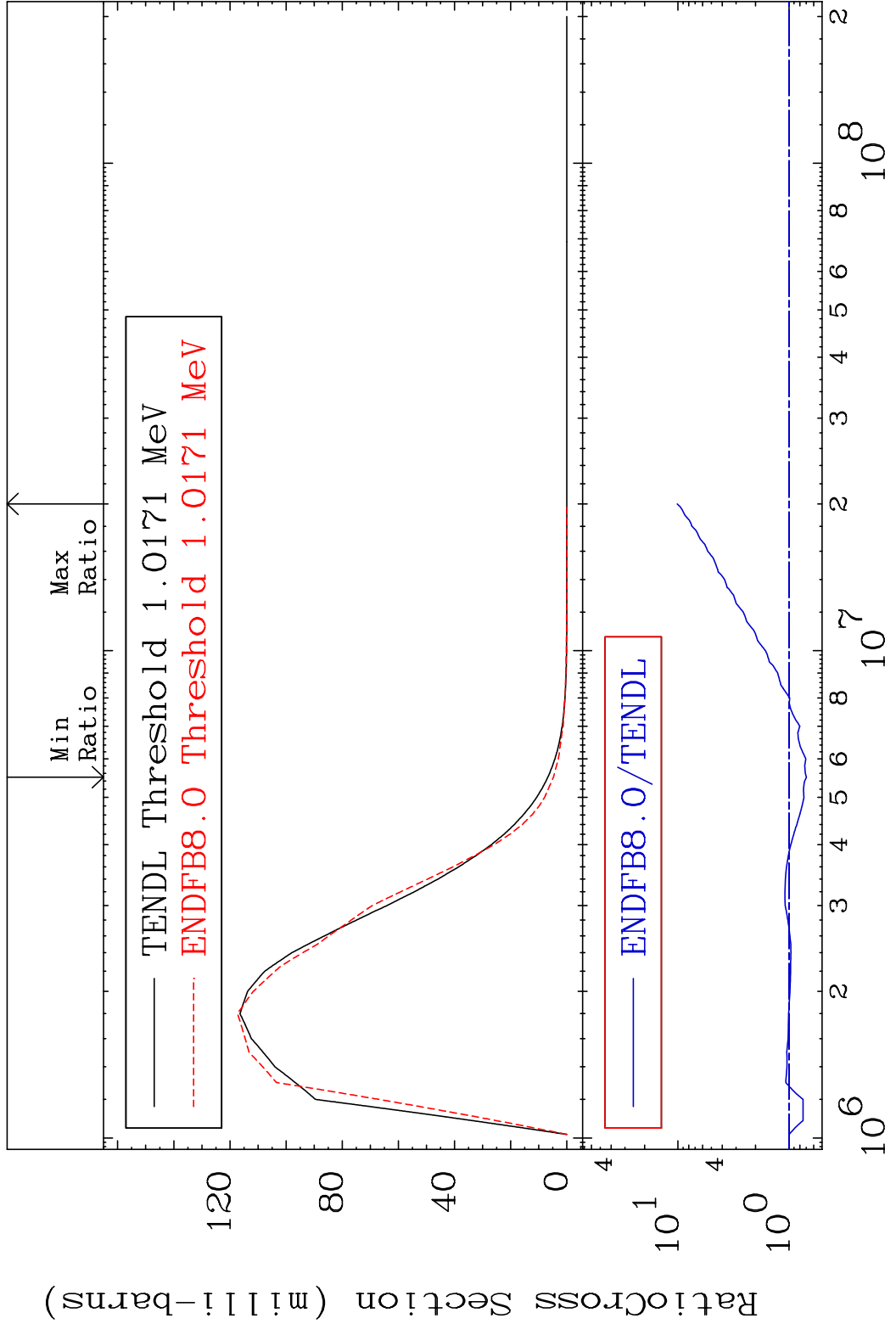
MAT 2840 MT= 52 (n, n') Level 28-Ni-63
 Cross Section -17.40 To 9999. %



MAT 2840 MT= 53 (n, n') Level 28-Ni-63
 Cross Section -45.96 To 918.7 %

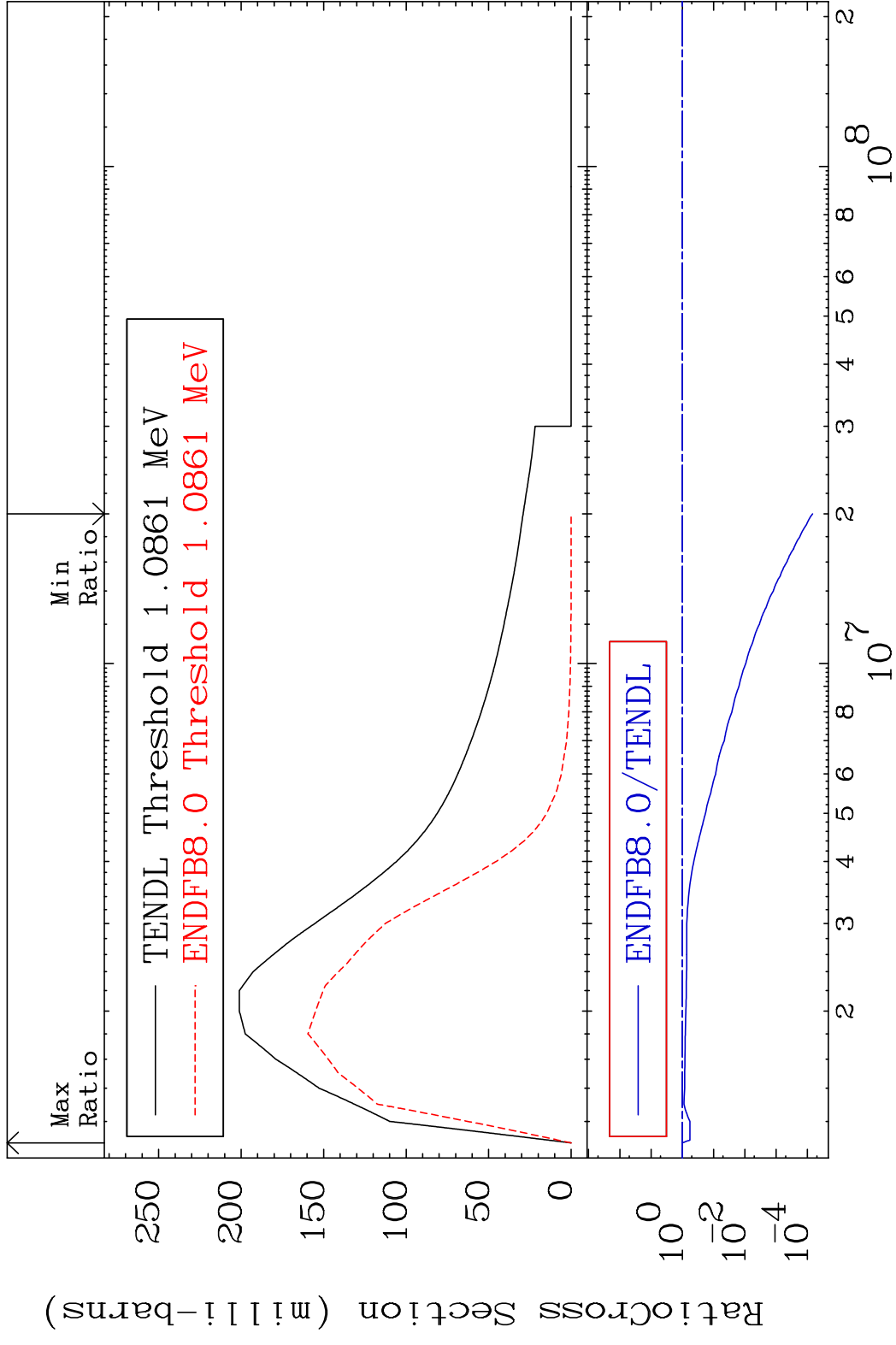


MAT 2840 MT= 54 (n, n') Level 28-Ni-63
 Cross Section -30.25 To 916.4 %

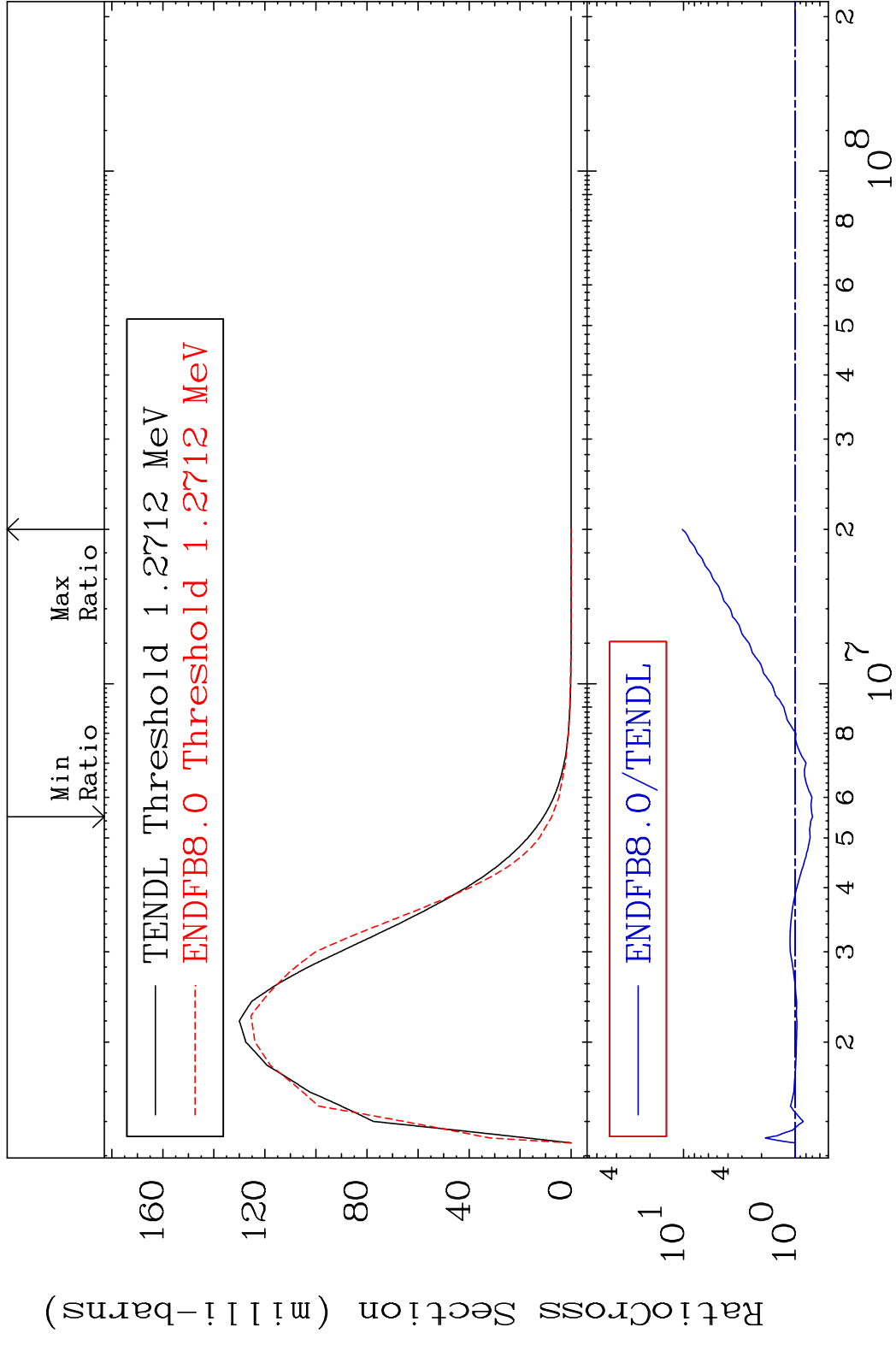


8 Incident Energy (eV) 28-Ni-63

MAT 2840 MT= 55 (n, n') Level 28-Ni-63
 Cross Section -99.99 To 0.000 %

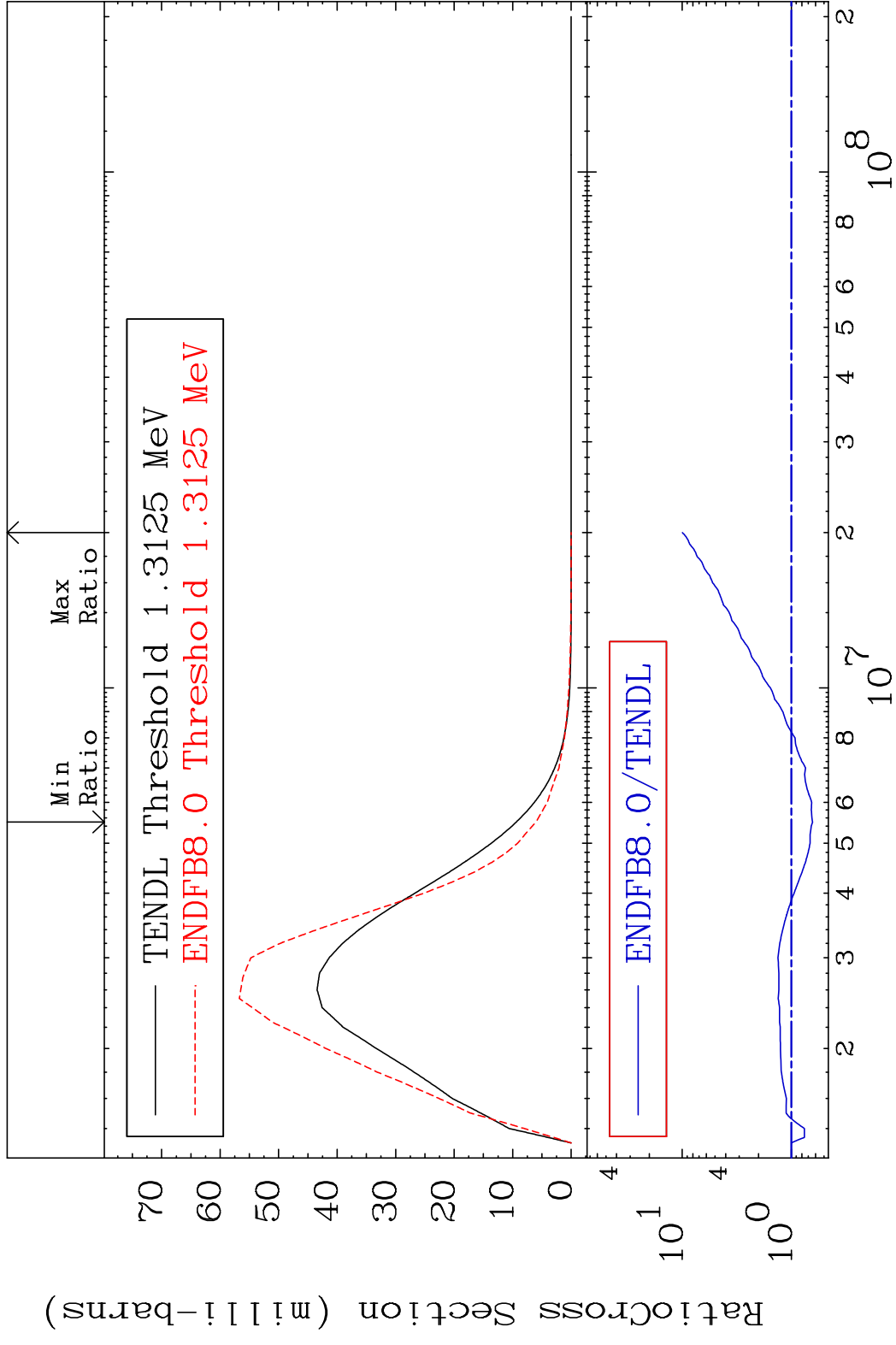


MAT 2840 MT= 56 (n, n') Level 28-Ni-63
 Cross Section -30.23 To 925.5 %

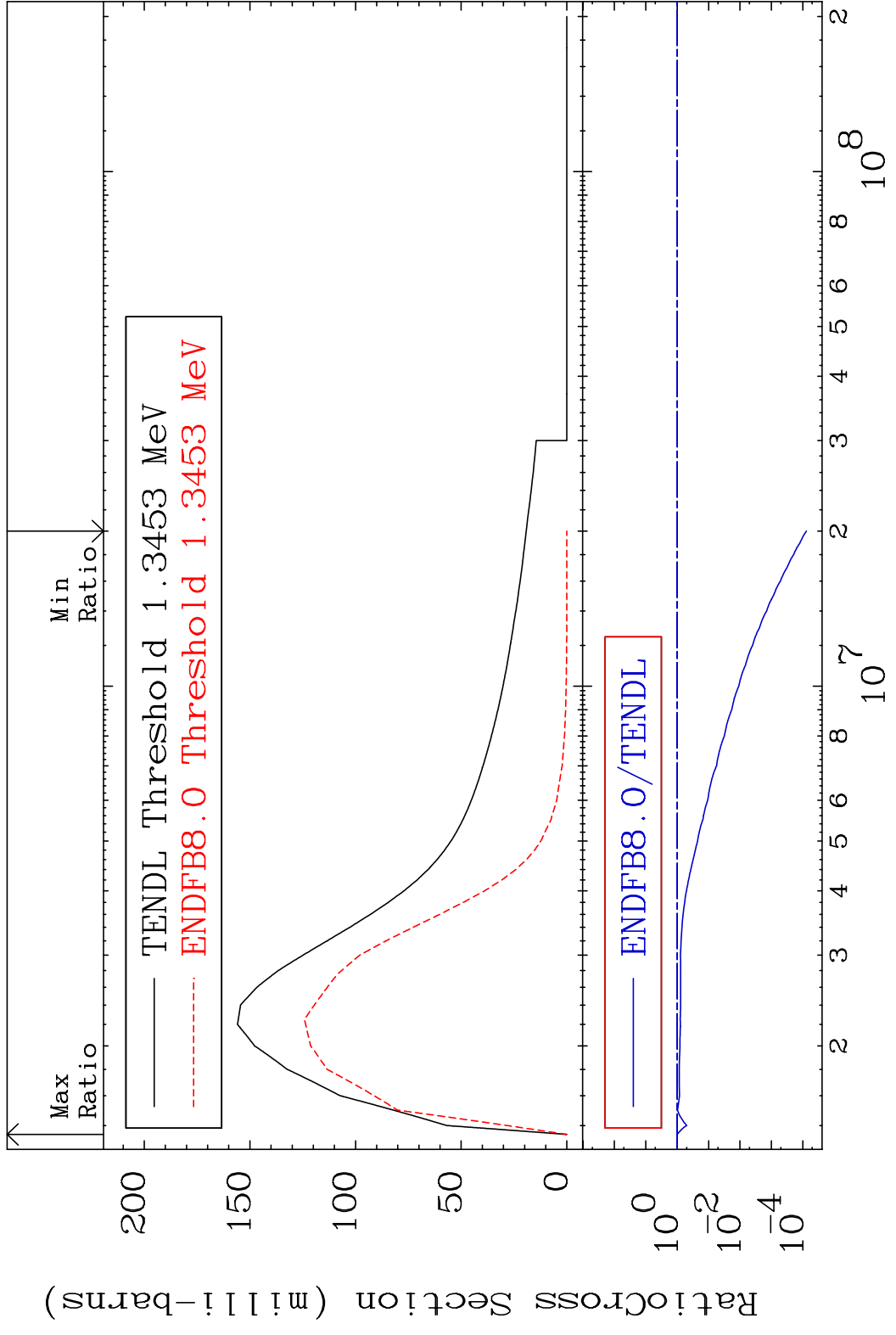


10

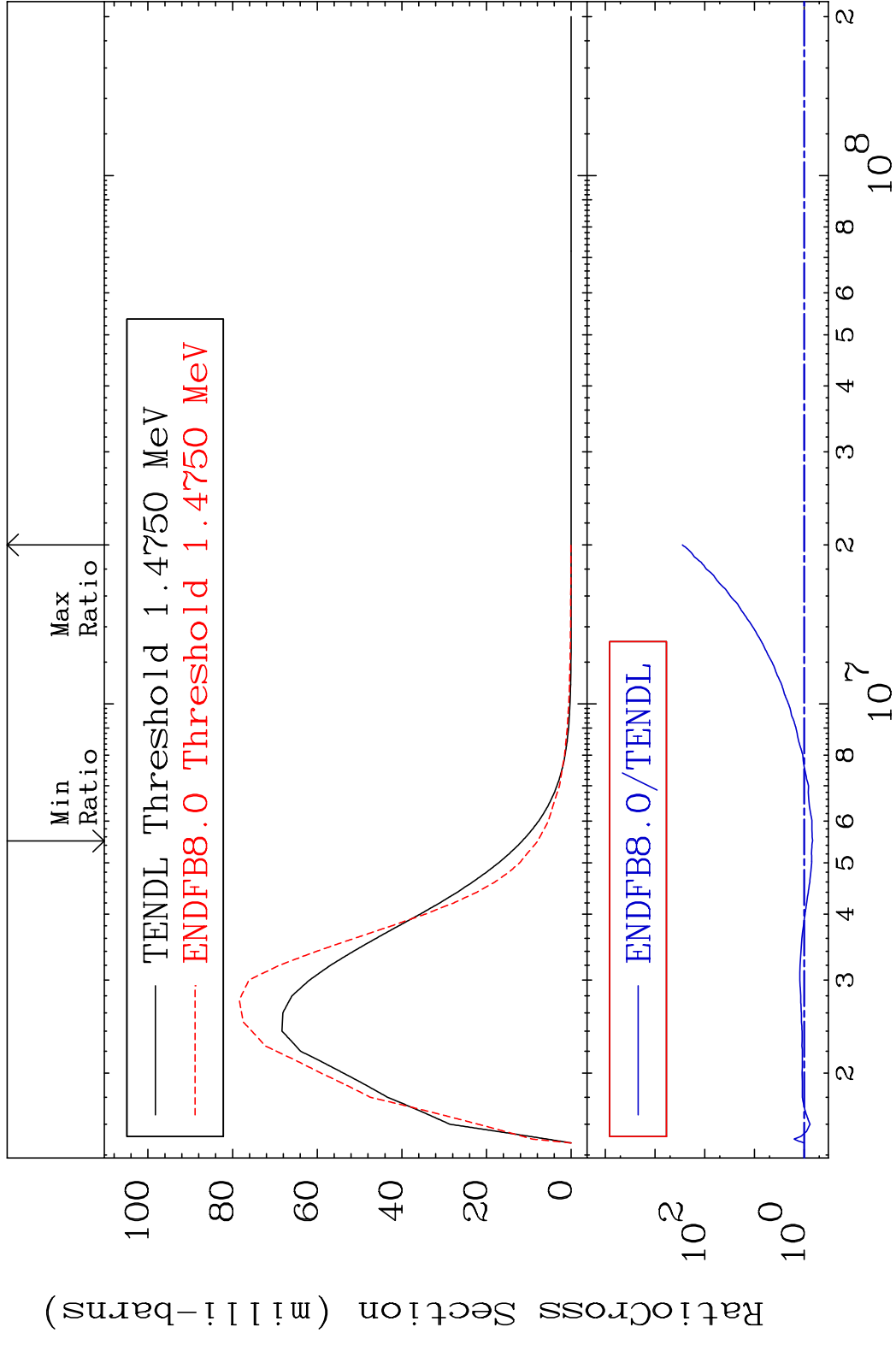
MAT 2840 MT= 57 (n, n') Level 28-Ni-63
 Cross Section -36.18 To 897.3 %



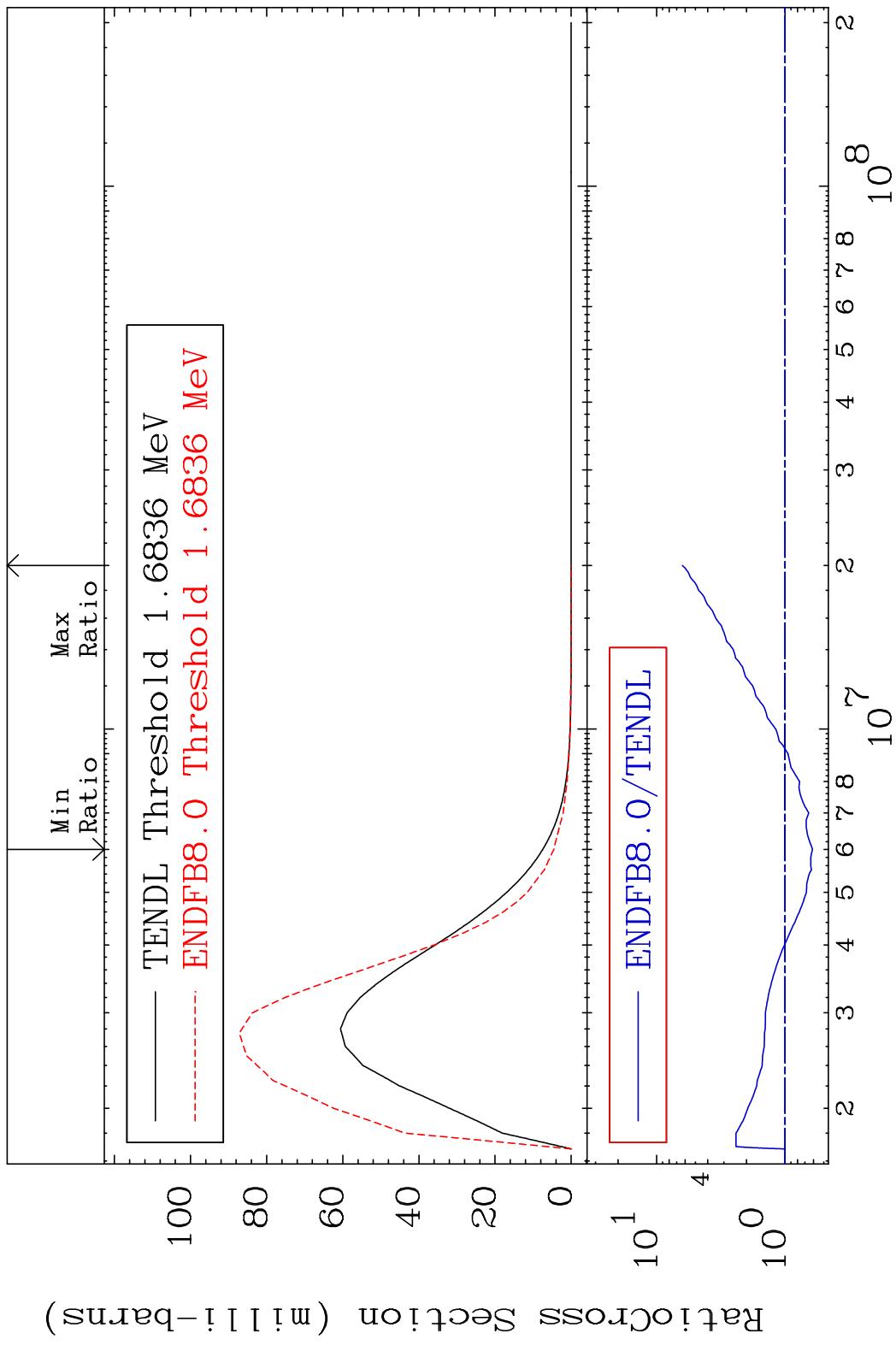
MAT 2840 MT= 58 (n, n') Level 28-Ni-63
 Cross Section -99.99 To 0.000 %



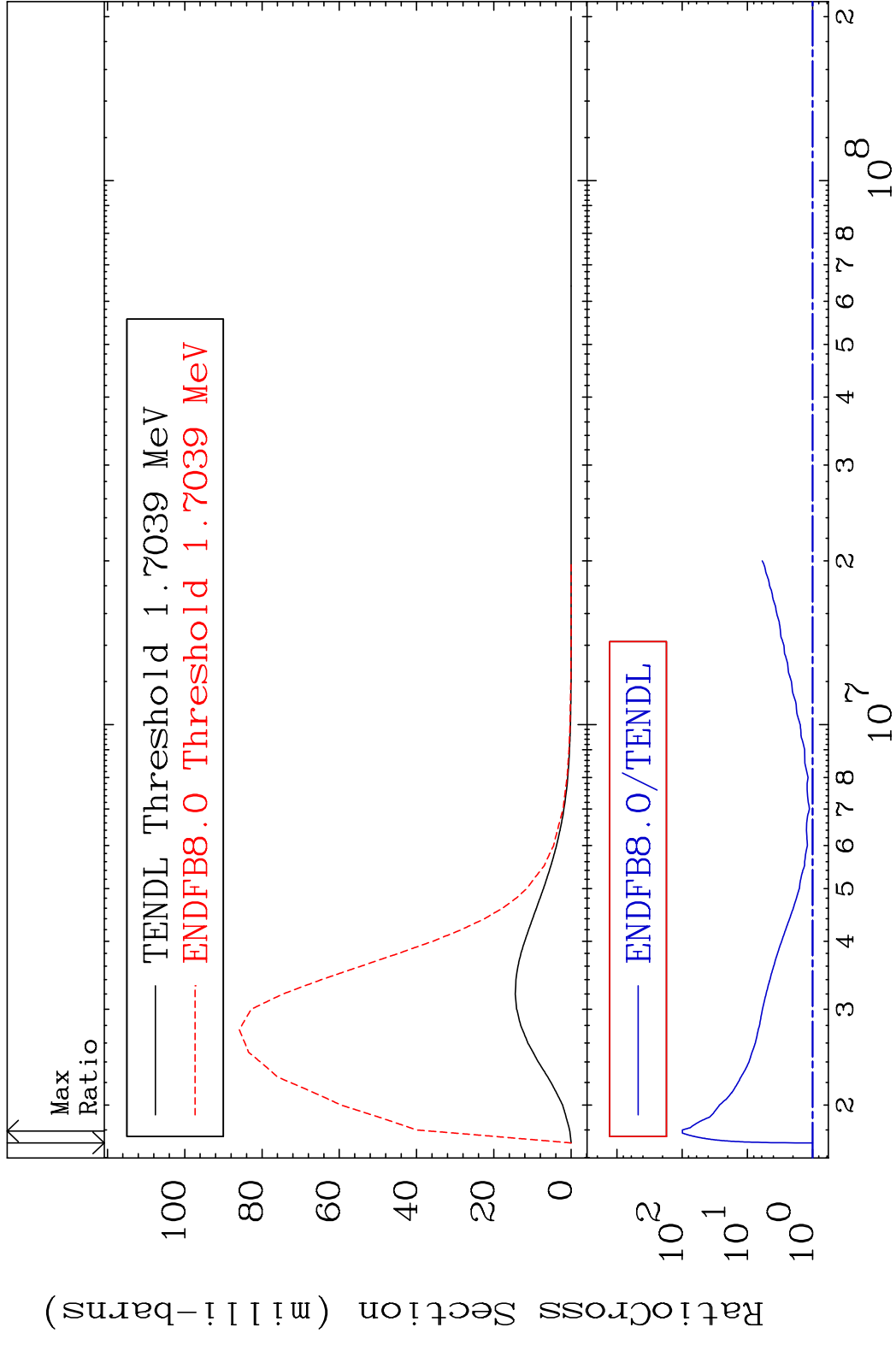
MAT 2840 MT= 59 (n, n') Level 28-Ni-63
 Cross Section -31.94 To 9999. %



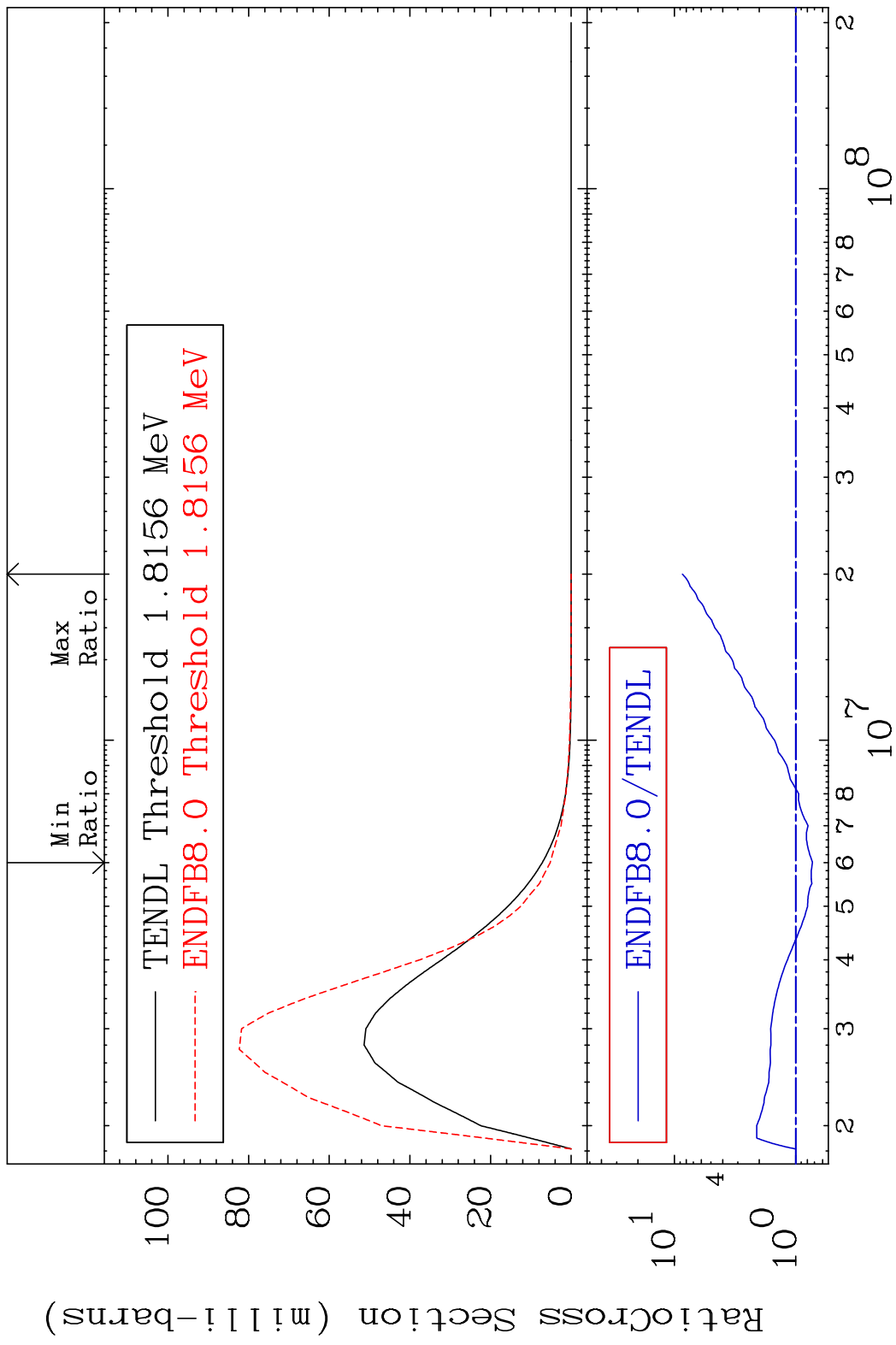
MAT 2840 MT= 60 (n, n') Level 28-Ni-63
 Cross Section -38.95 To 531.1 %



MAT 2840 MT= 61 (n,n') Level 28-Ni-63
 Cross Section 0.000 To 9817. %

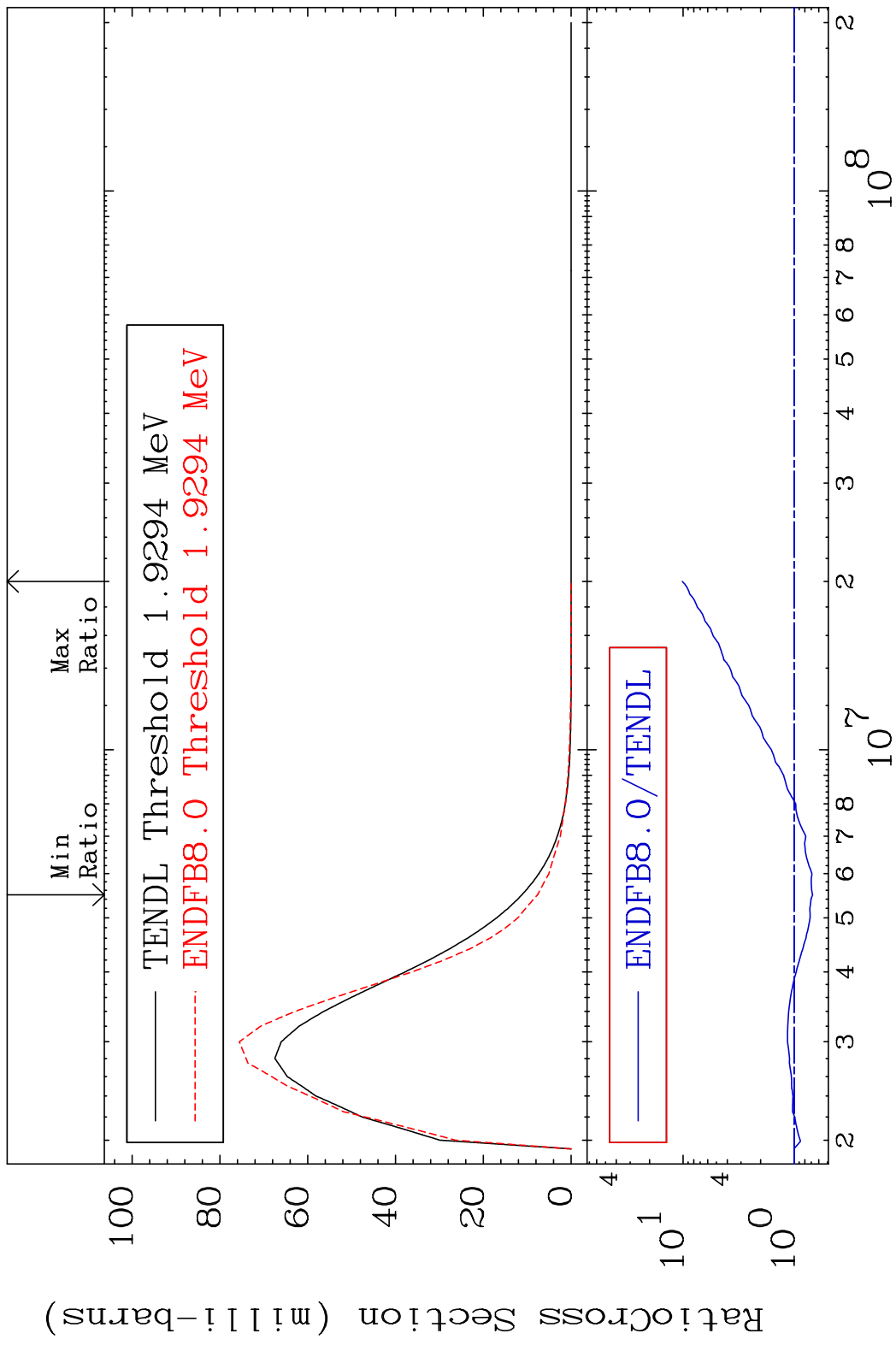


MAT 2840 MT= 62 (n, n') Level 28-Ni-63
 Cross Section -27.44 To 761.3 %



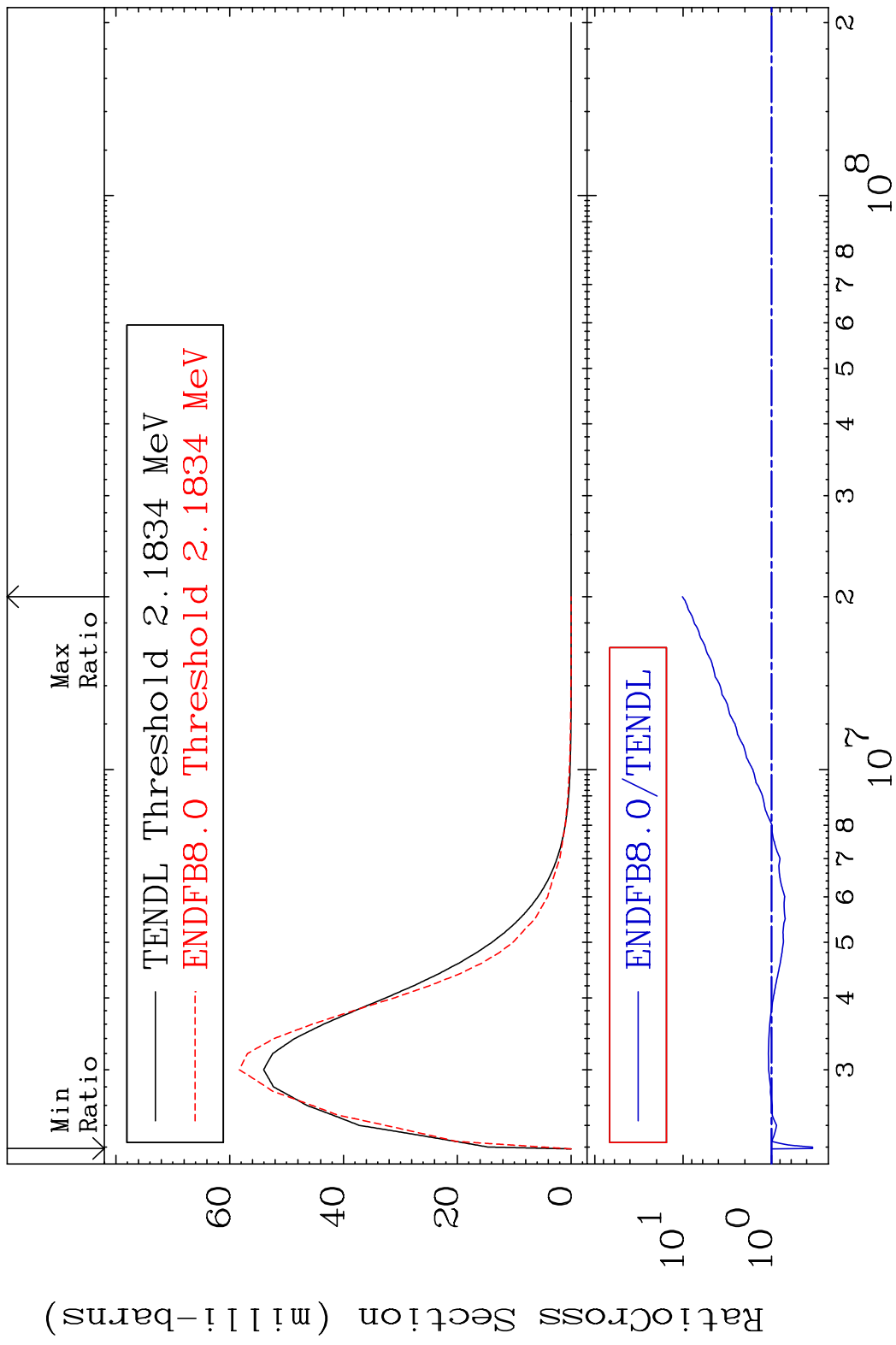
16 Incident Energy (eV) 28-Ni-63

MAT 2840 MT= 63 (n, n') Level 28-Ni-63
 Cross Section -31.85 To 914.8 %

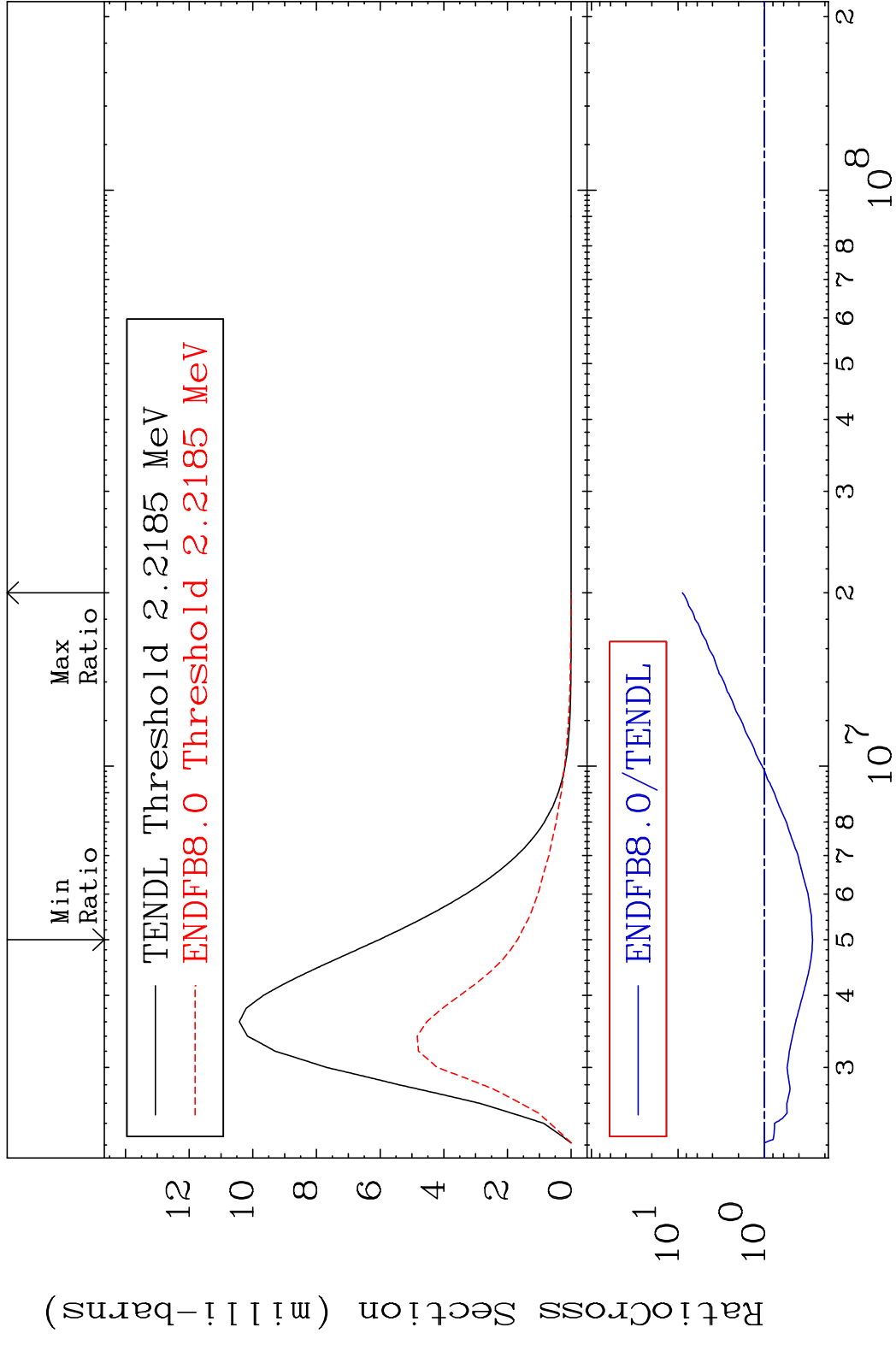


17 17 Incident Energy (eV) 28-Ni-63

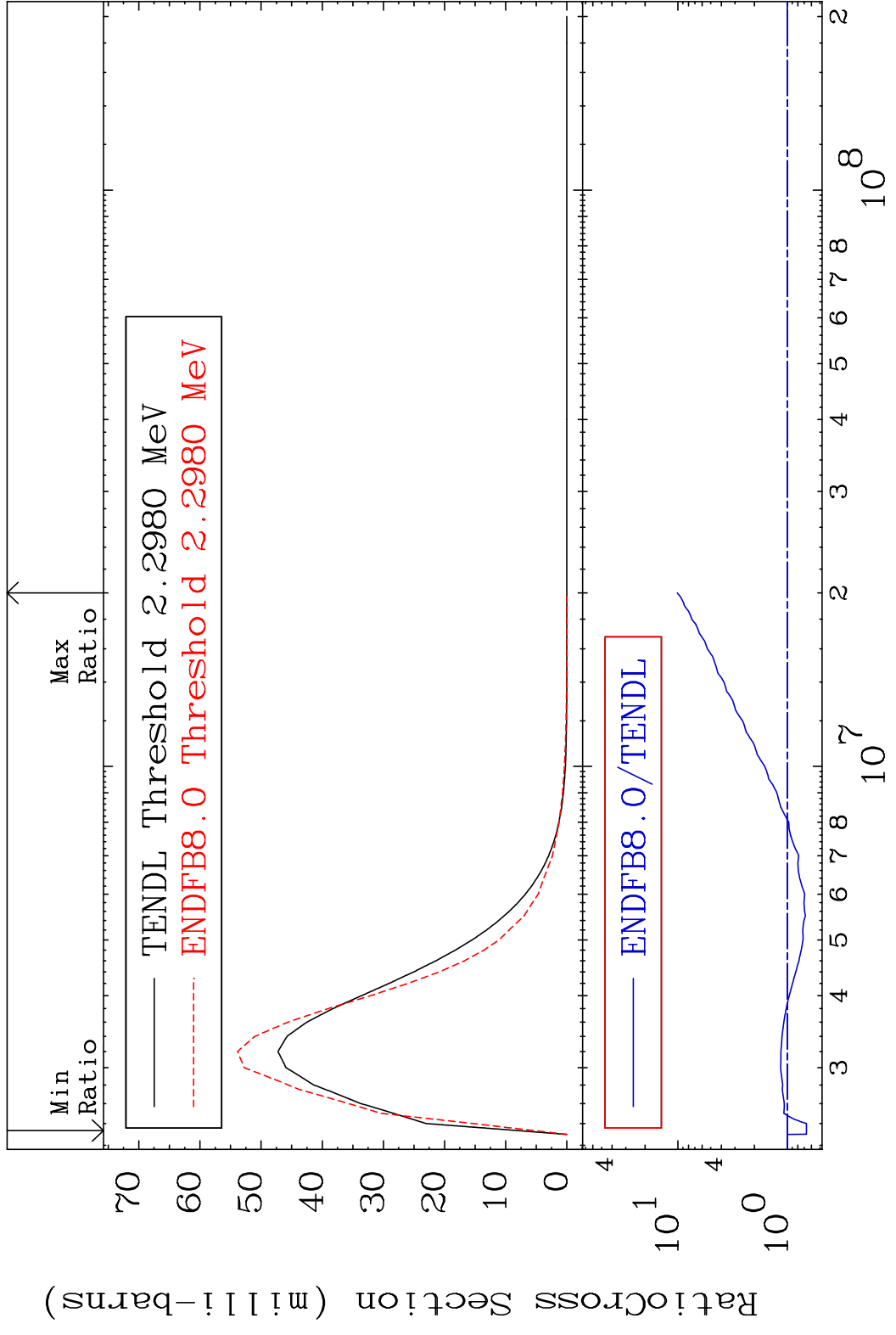
MAT 2840 MT= 64 (n, n') Level 28-Ni-63
 Cross Section -65.72 To 921.8 %



MAT 2840 MT= 65 (n, n') Level 28-Ni-63
 Cross Section -72.13 To 789.6 %

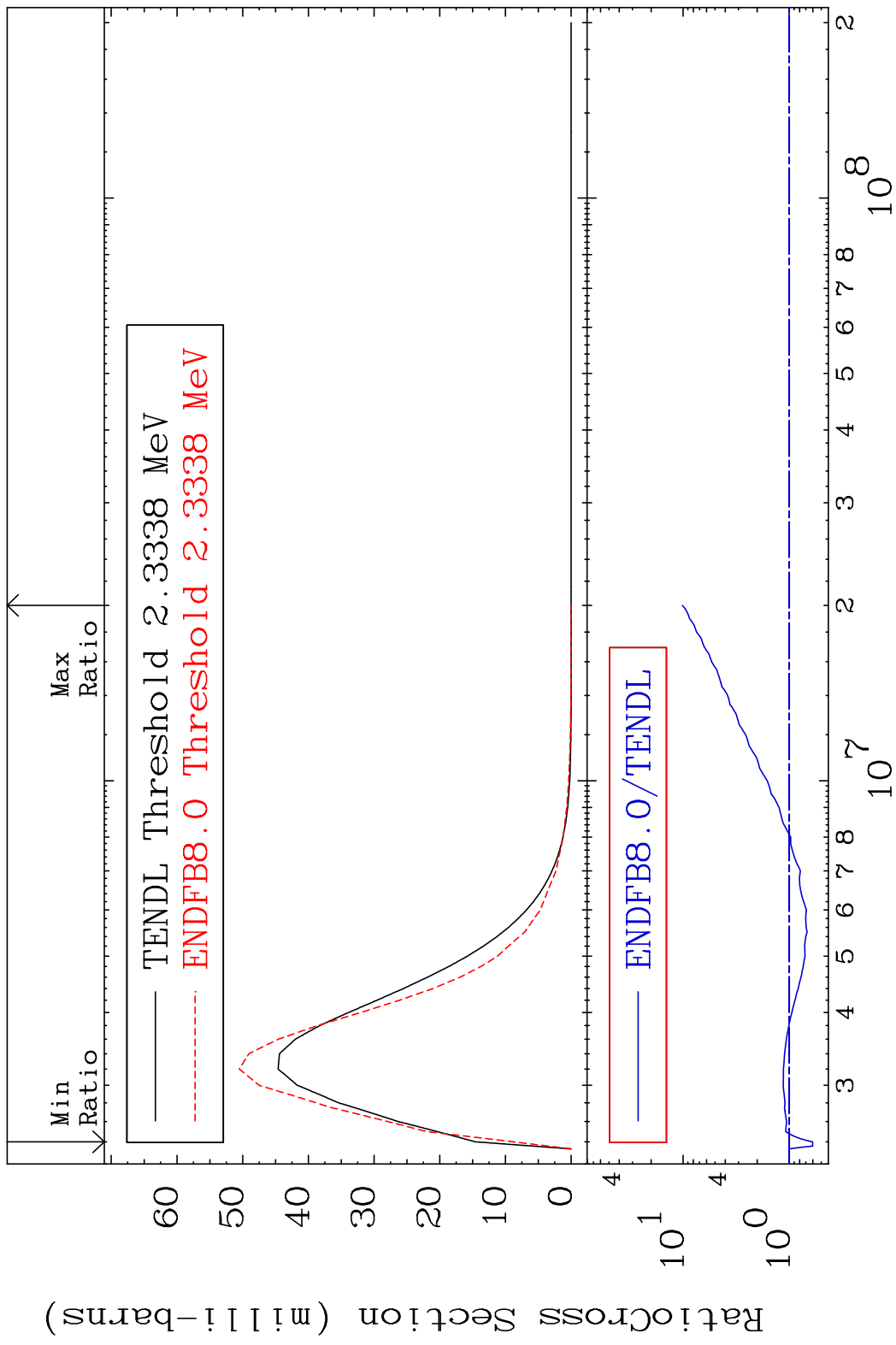


MAT 2840 MT= 66 (n, n') Level 28-Ni-63
 Cross Section -33.30 To 915.3 %

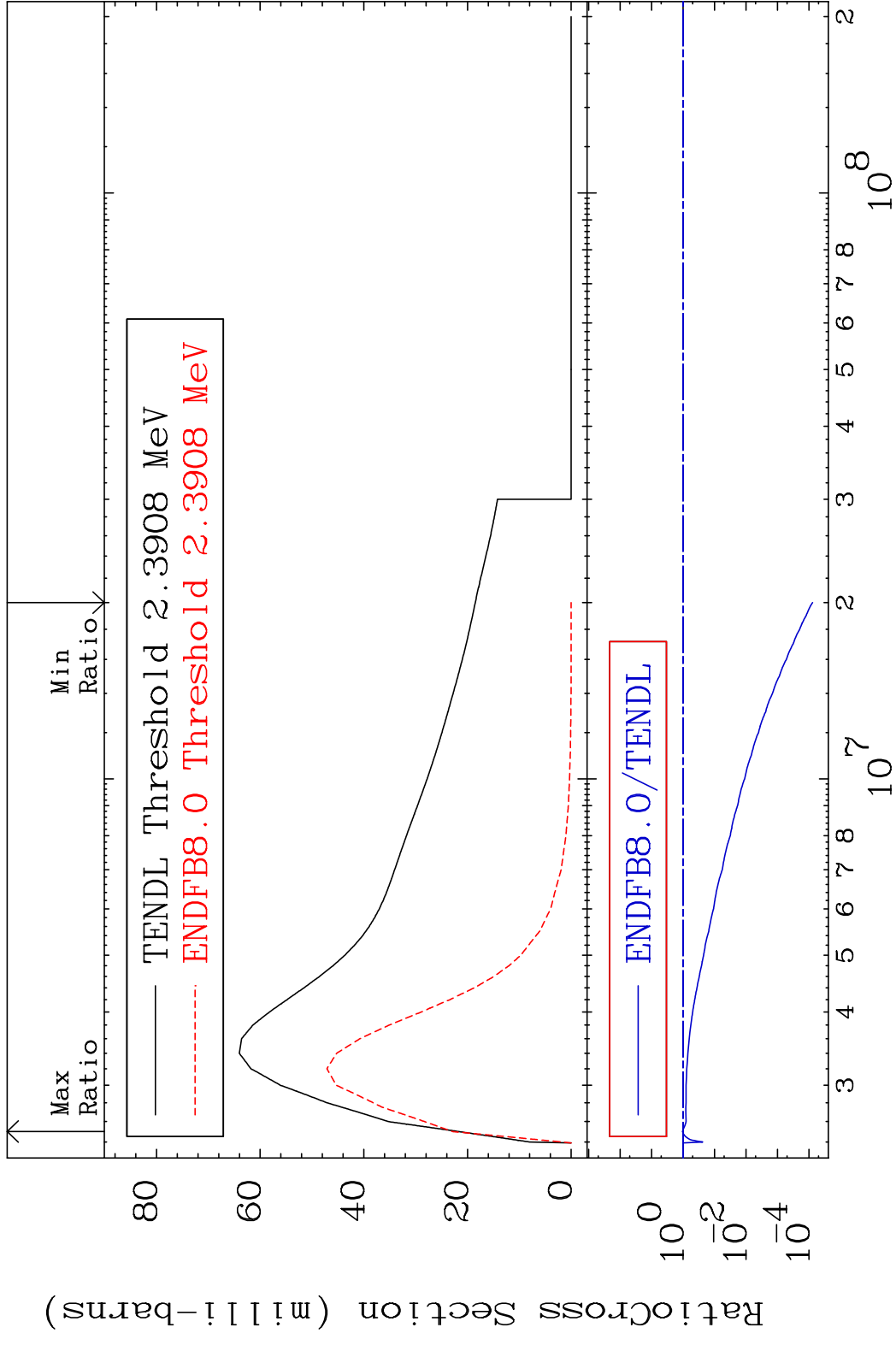


20 Incident Energy (eV) 28-Ni-63

MAT 2840 MT= 67 (n, n') Level 28-Ni-63
 Cross Section -39.71 To 915.9 %

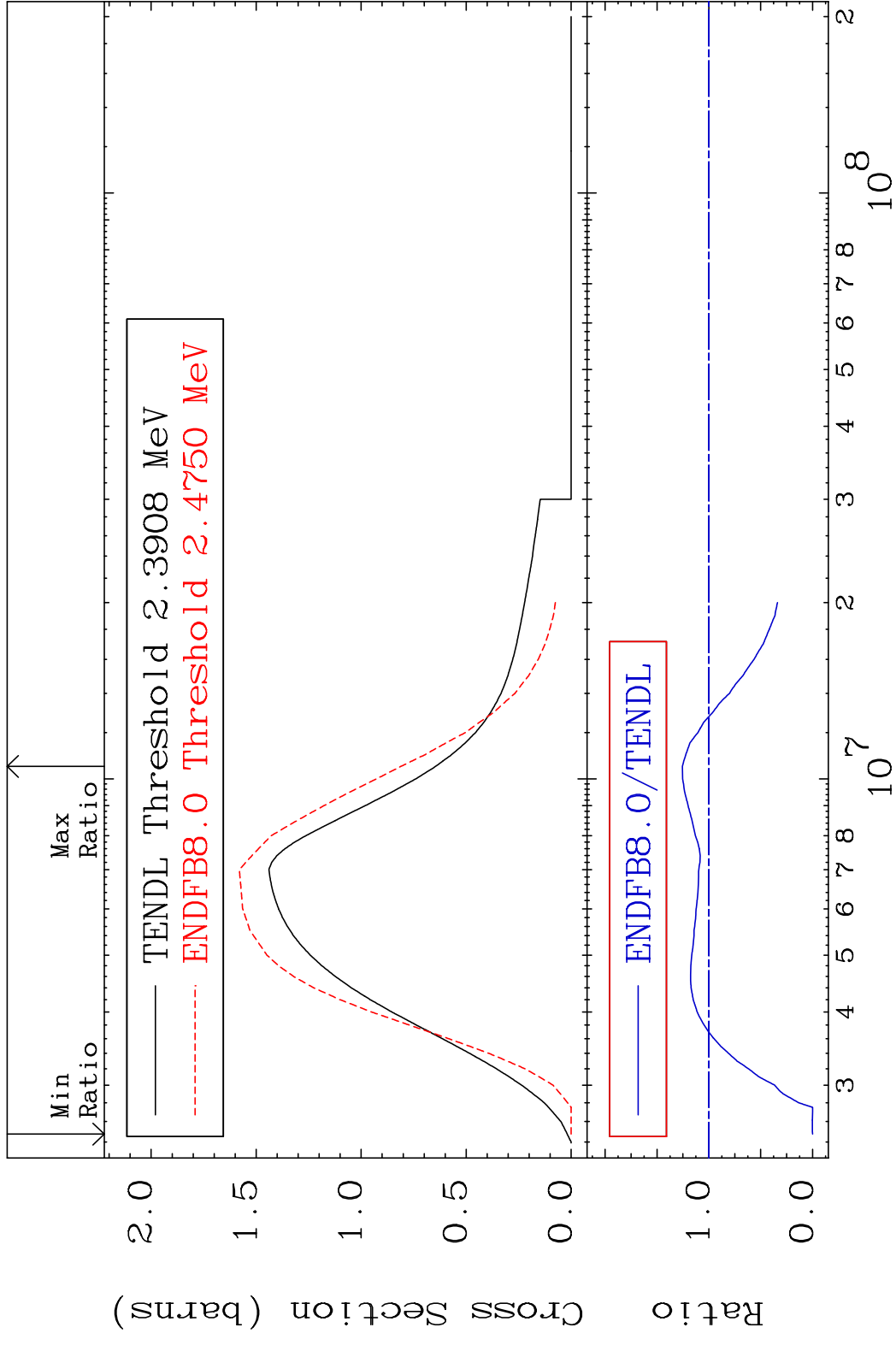


MAT 2840 MT= 68 (n,n') Level 28-Ni-63
 Cross Section -99.99 To 5.568 %



22 Incident Energy (eV) 28-Ni-63

MAT 2840 (n,n') Continuum 28-Ni-63
 Cross Section -100.0 To 25.57 %

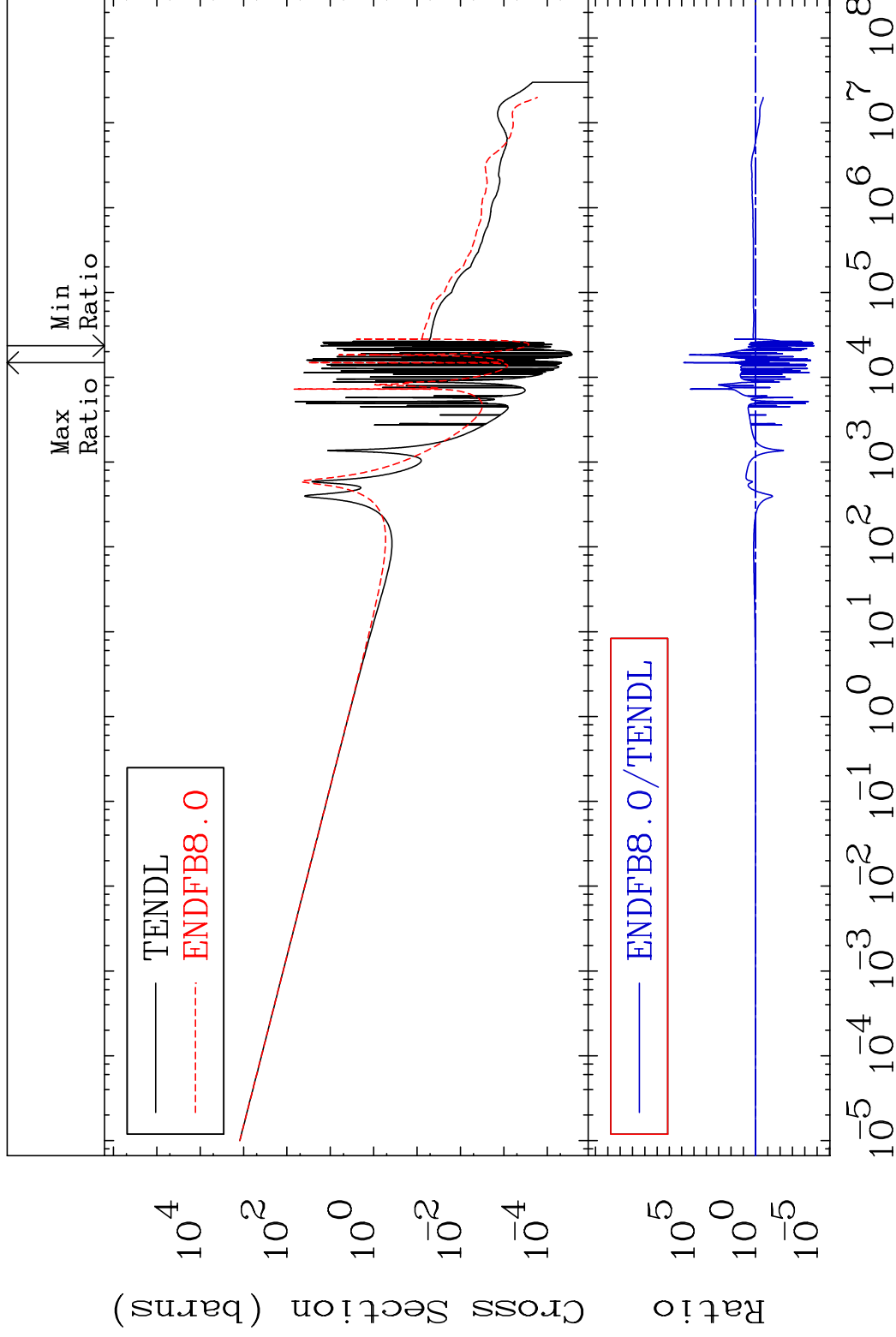


MAT 2840

(n, γ)

28-Ni-63

Cross Section -100.0 To 9999. %

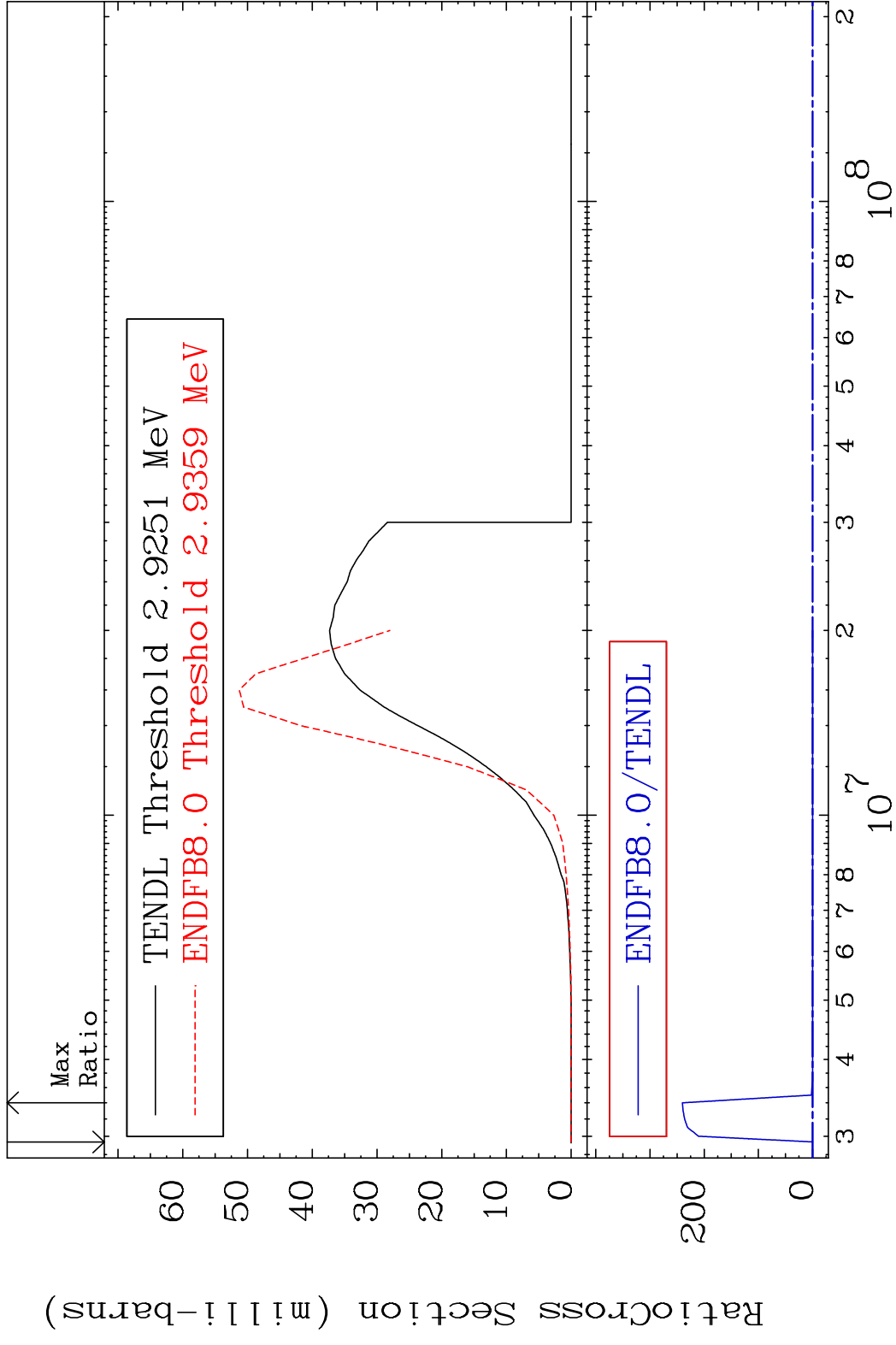


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Incident Energy (eV)

28-Ni-63

MAT 2840 (n,p) 28-Ni-63
 Cross Section -100.0 To 9999. %



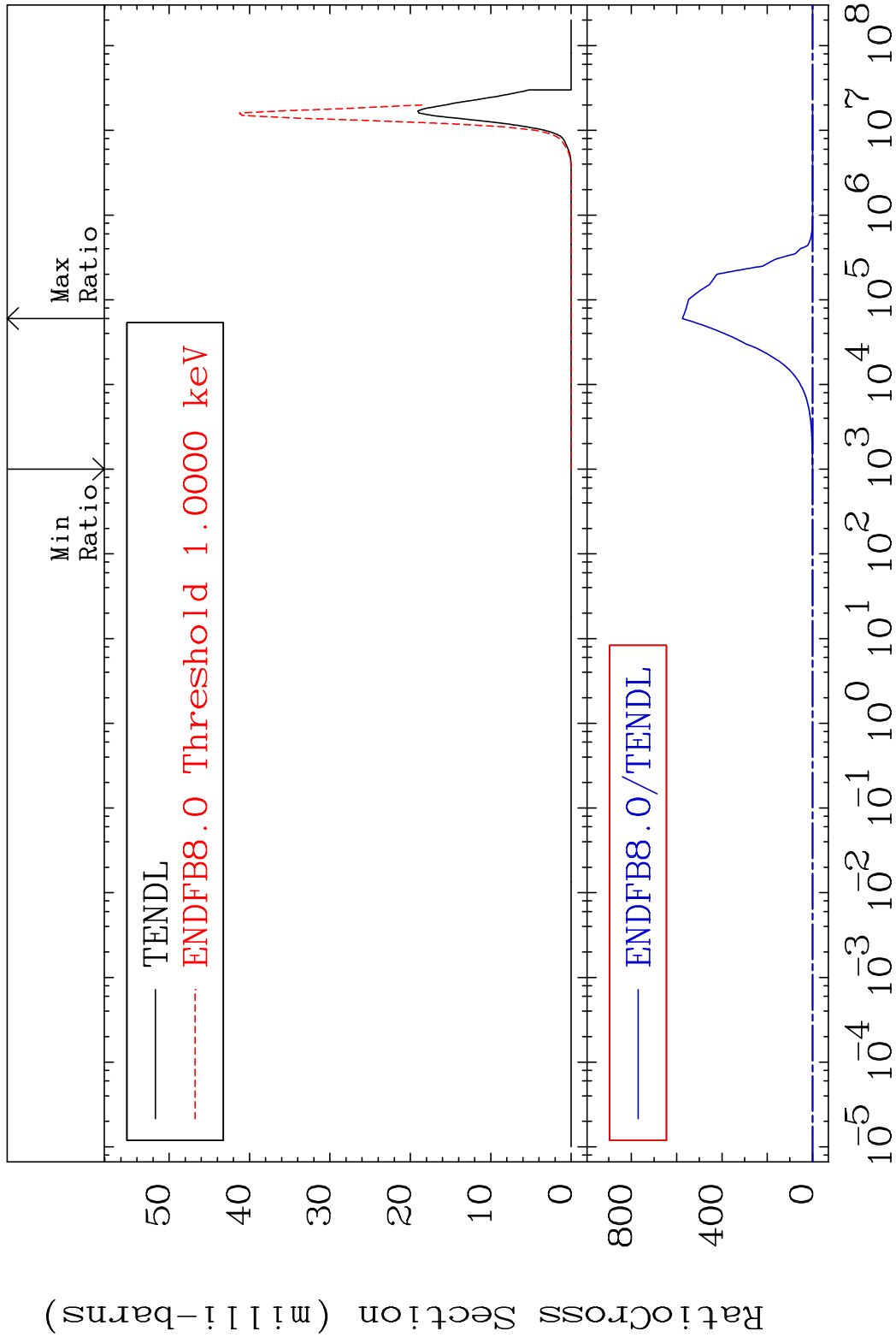
25 Incident Energy (eV) 28-Ni-63

MAT 2840

(n, α)

28-Ni-63

Cross Section -100.0 To 9999. %

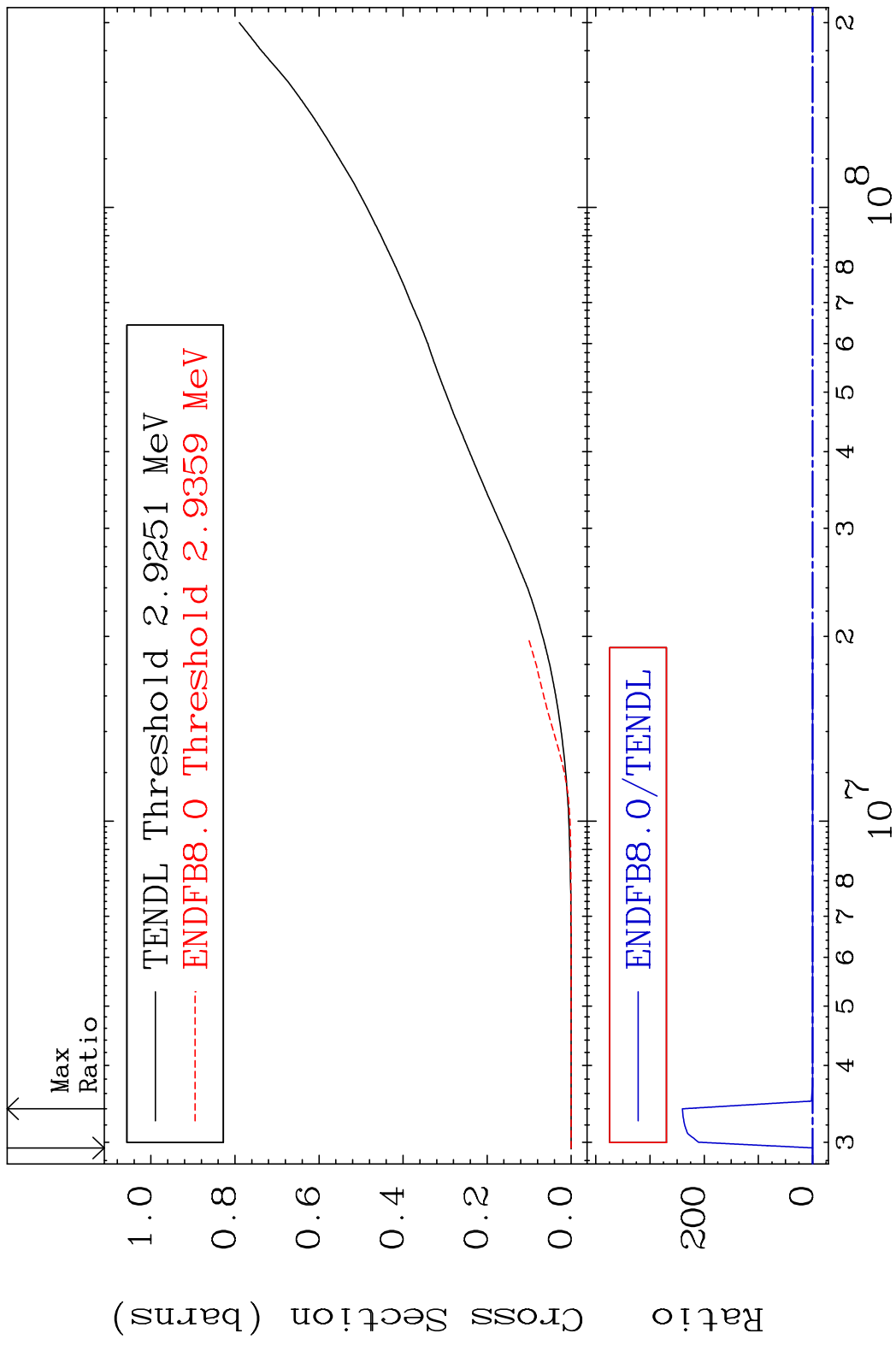


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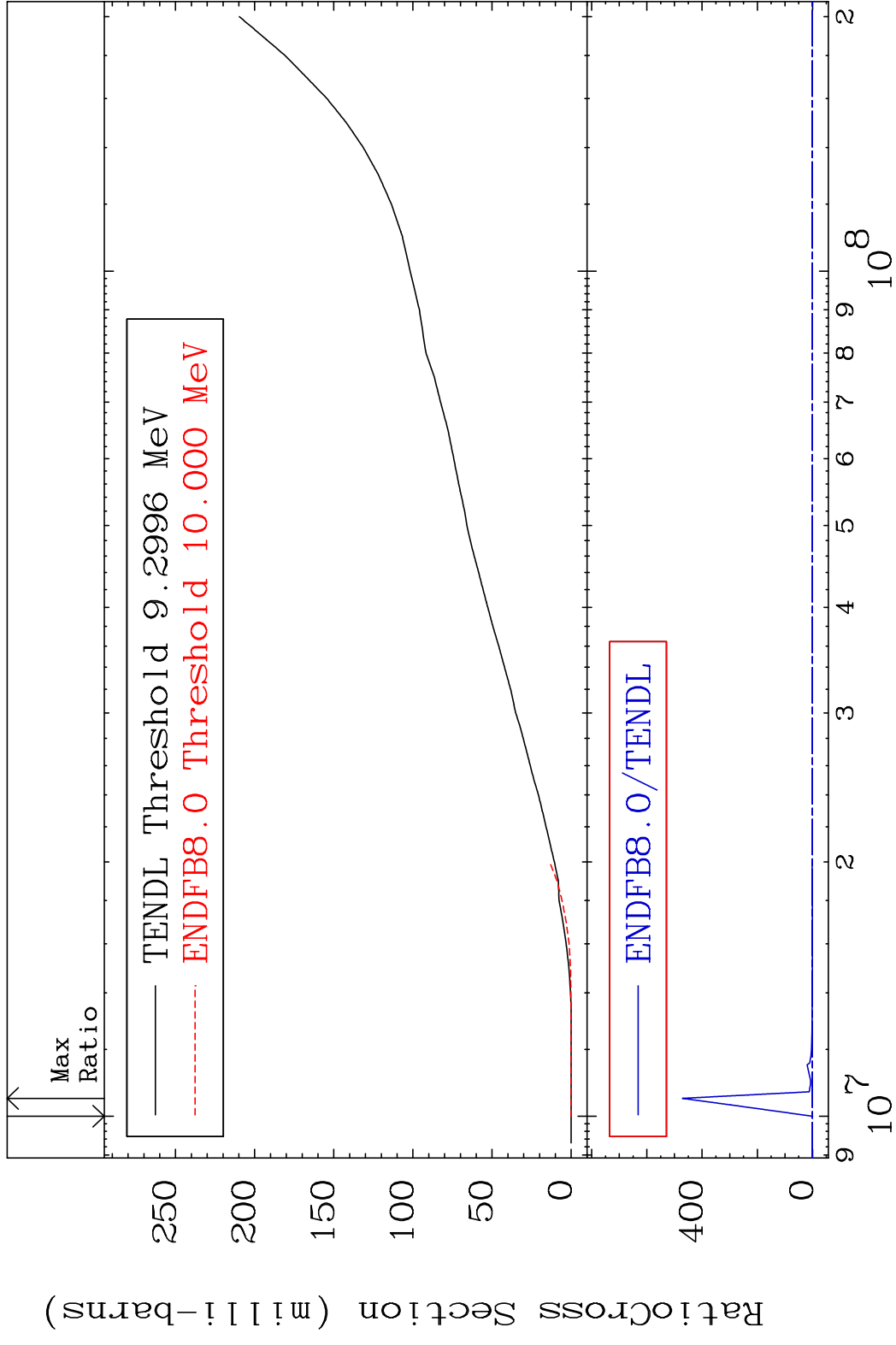
Incident Energy (eV)

28-Ni-63

MAT 2840 Hydrogen Production 28-Ni-63
 Cross Section -100.0 To 9999. %

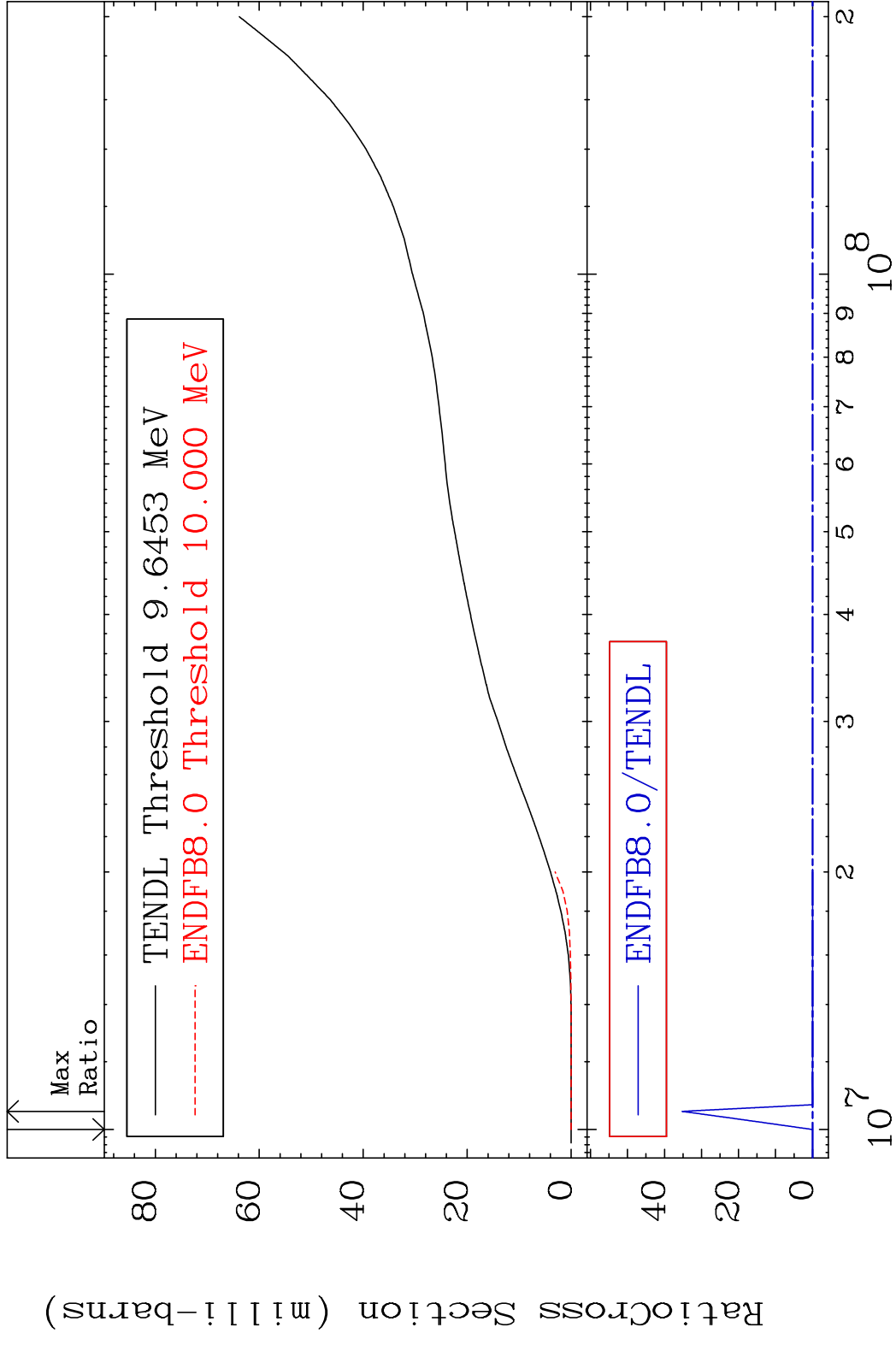


MAT 2840 Deuterium Production 28-Ni-63
 Cross Section -100.0 To 9999. %



28 Incident Energy (eV) 28-Ni-63

MAT 2840 Tritium Production 28-Ni-63
 Cross Section -100.0 To 9999. %



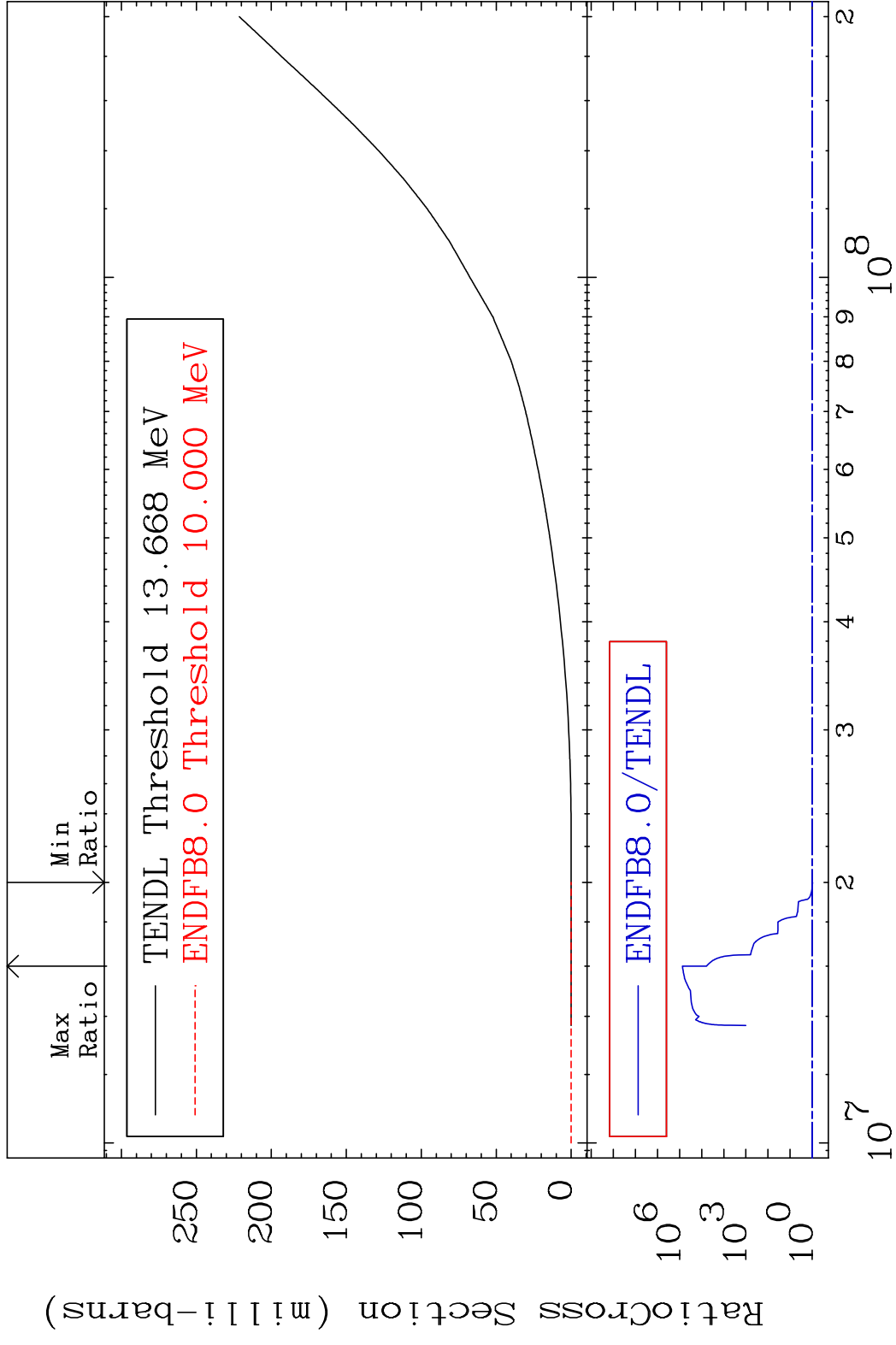
29 Incident Energy (eV) 28-Ni-63

MAT 2840

He-3 Production

28-Ni-63

Cross Section -3.652 To 9999. %

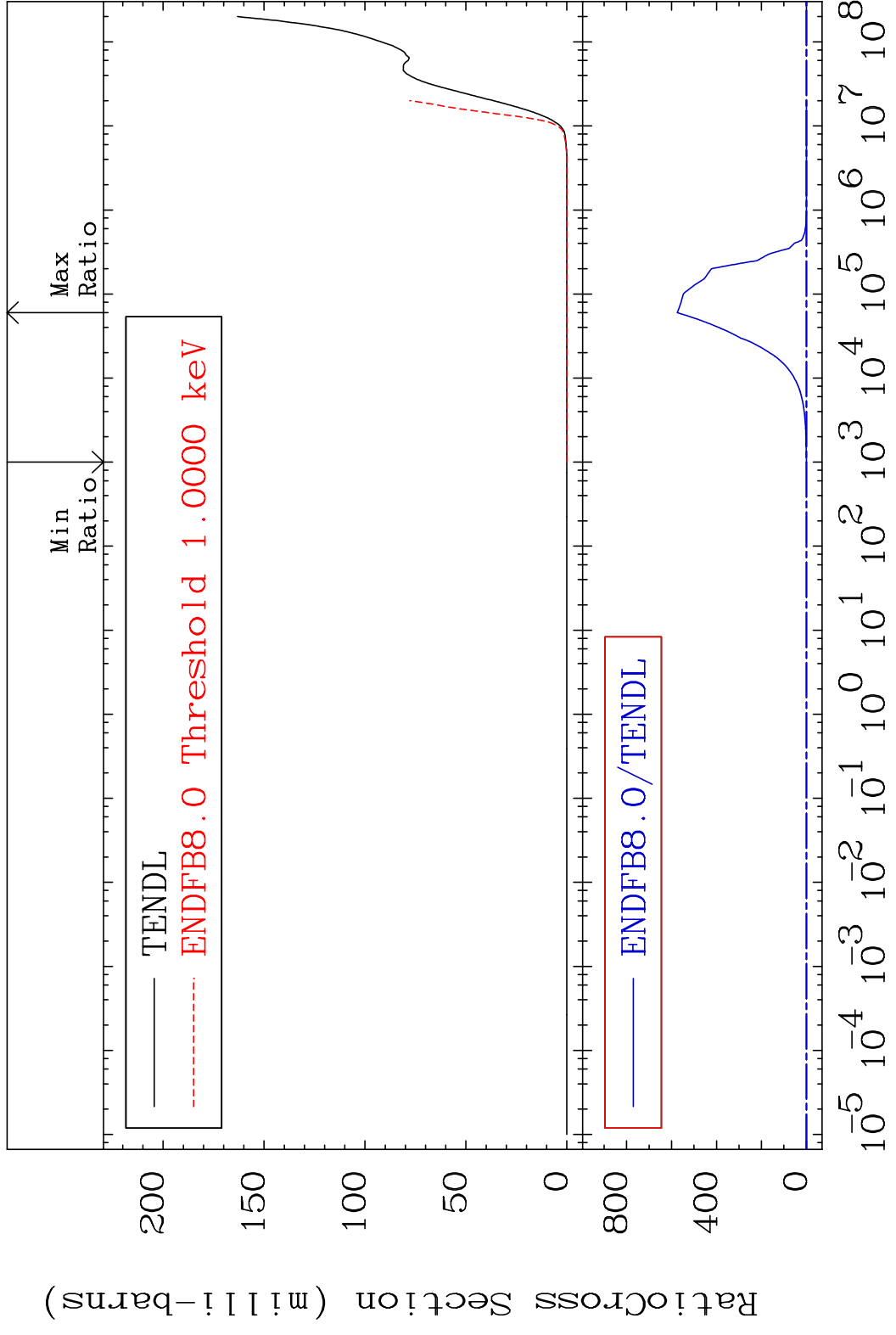


30

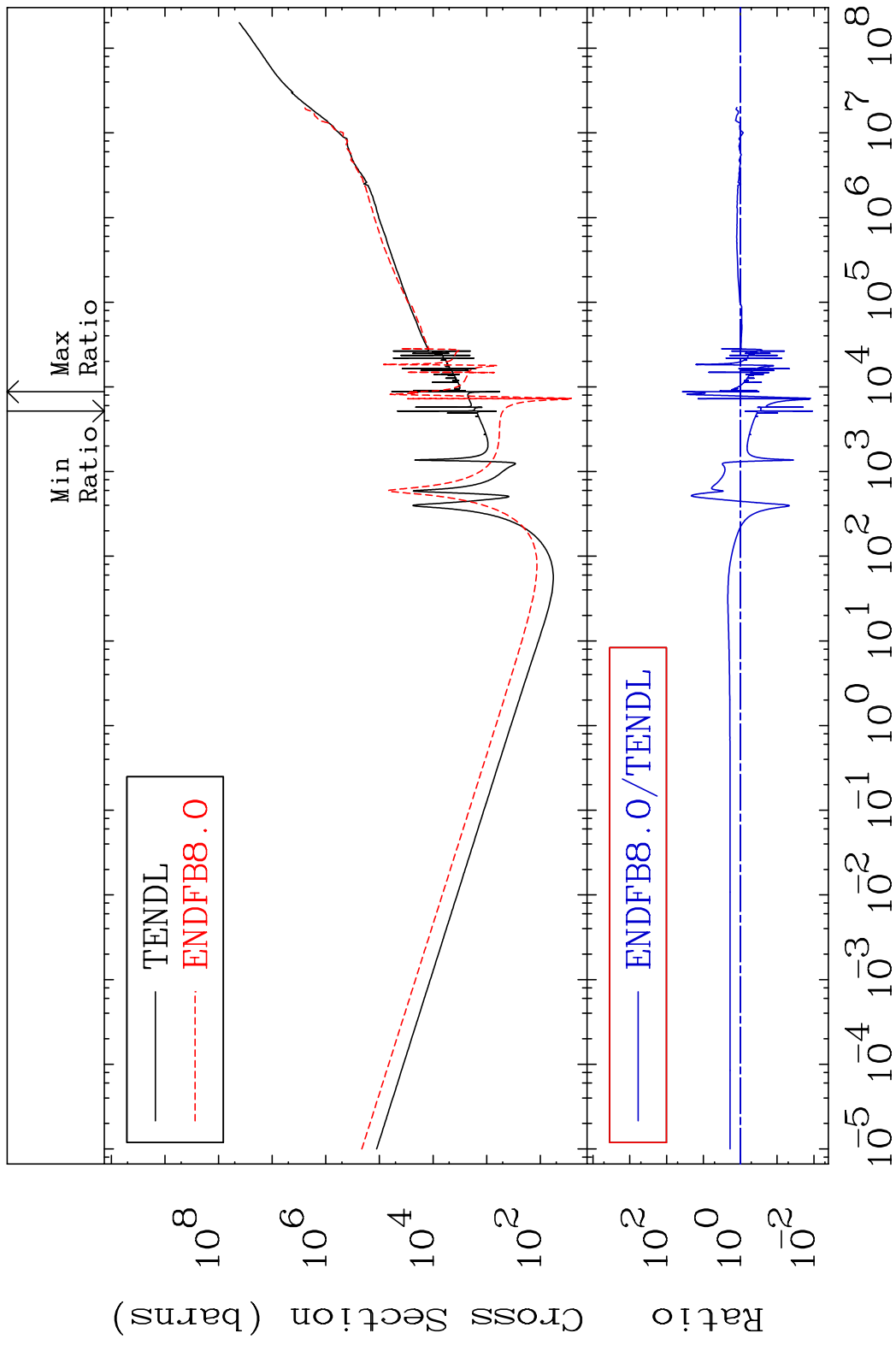
Incident Energy (eV)

28-Ni-63

MAT 2840 He-4 Production 28-Ni-63
 Cross Section -100.0 To 9999. %



MAT 2840 Kerma total (eV-barns) 28-Ni-63
 Cross Section -98.91 To 3632. %



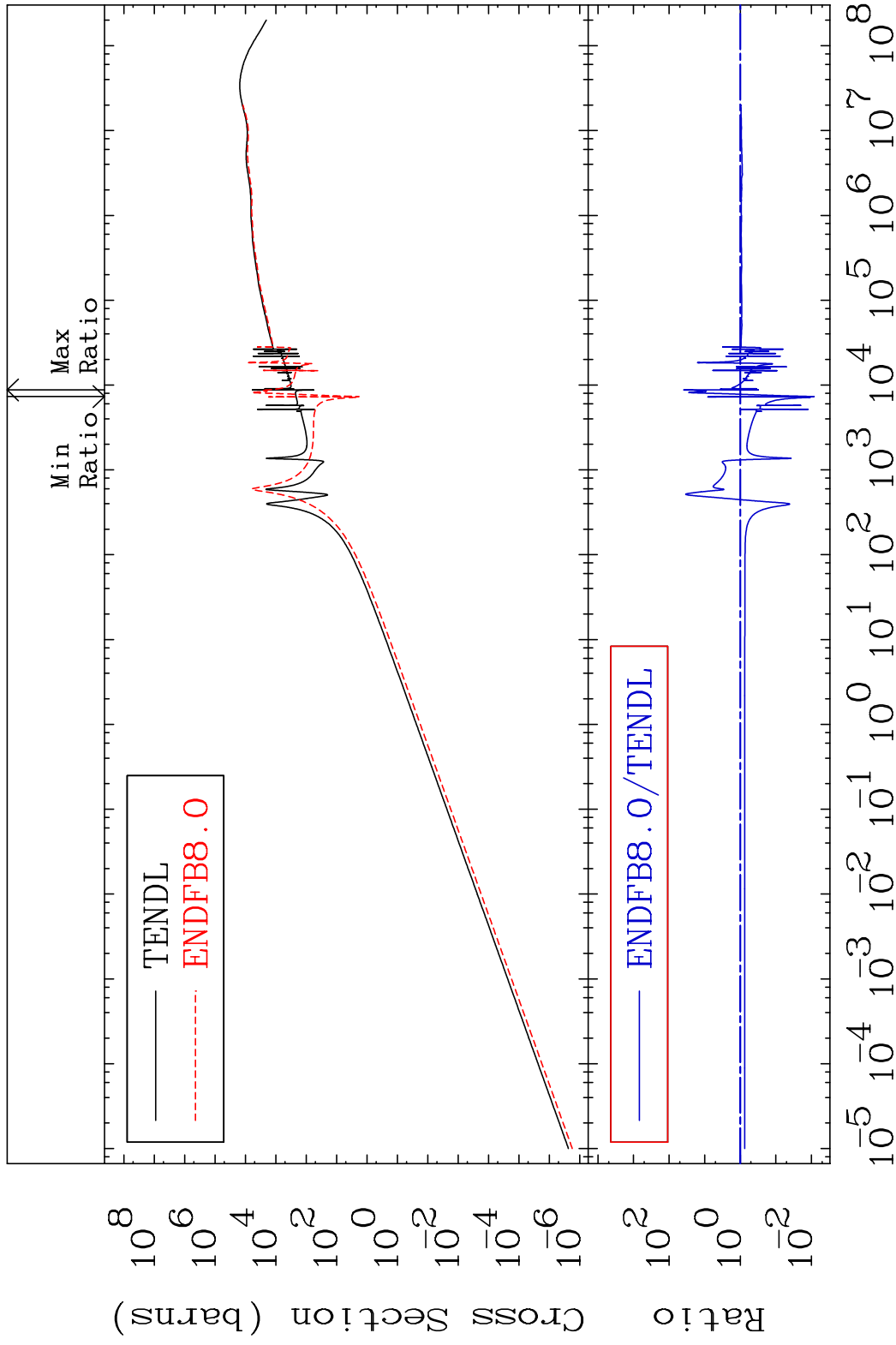
32 Incident Energy (eV) 28-Ni-63

MAT 2840

Kerma elastic

28-Ni-63

Cross Section -99.16 To 3799. %

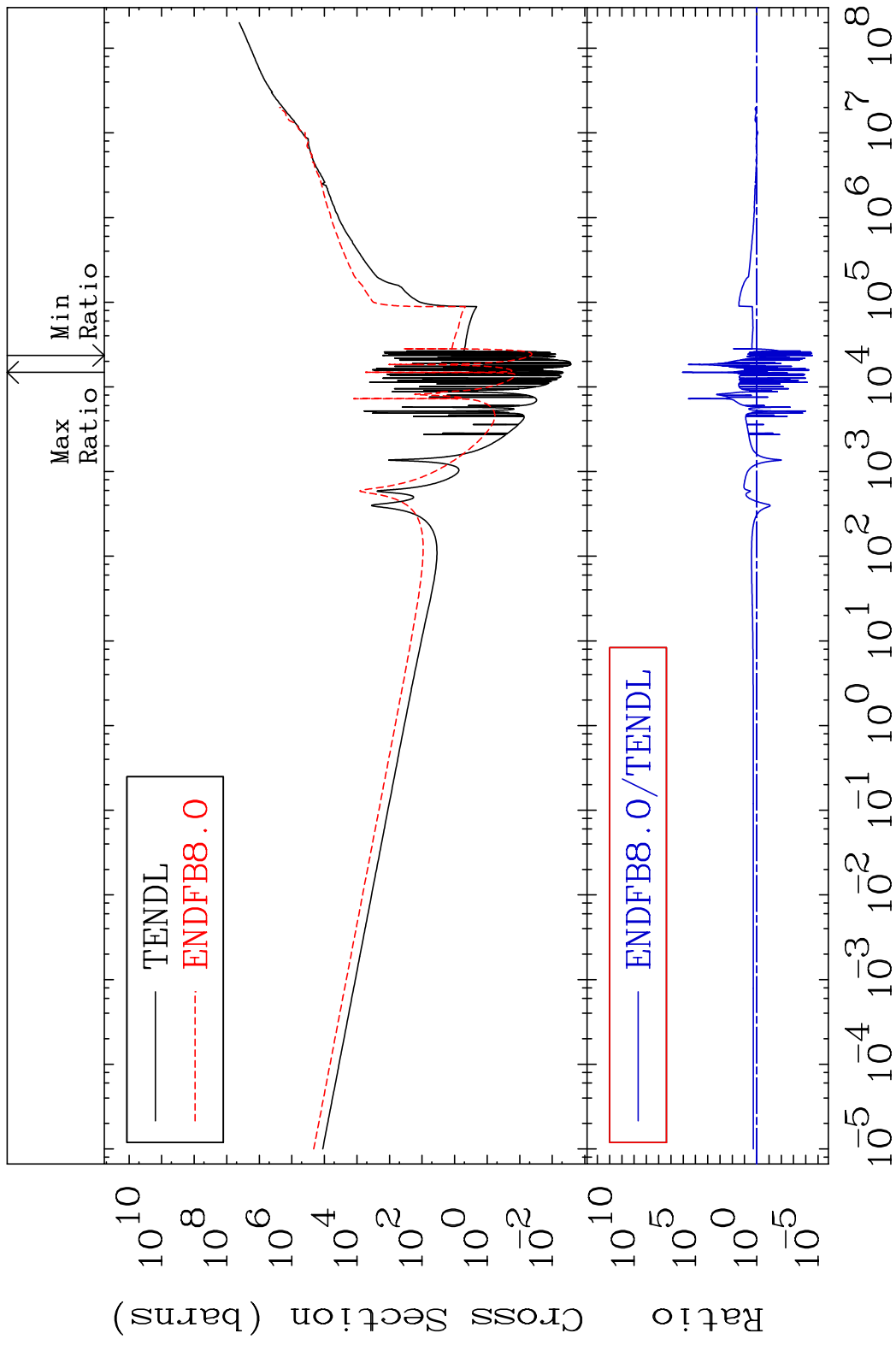


33

Incident Energy (eV)

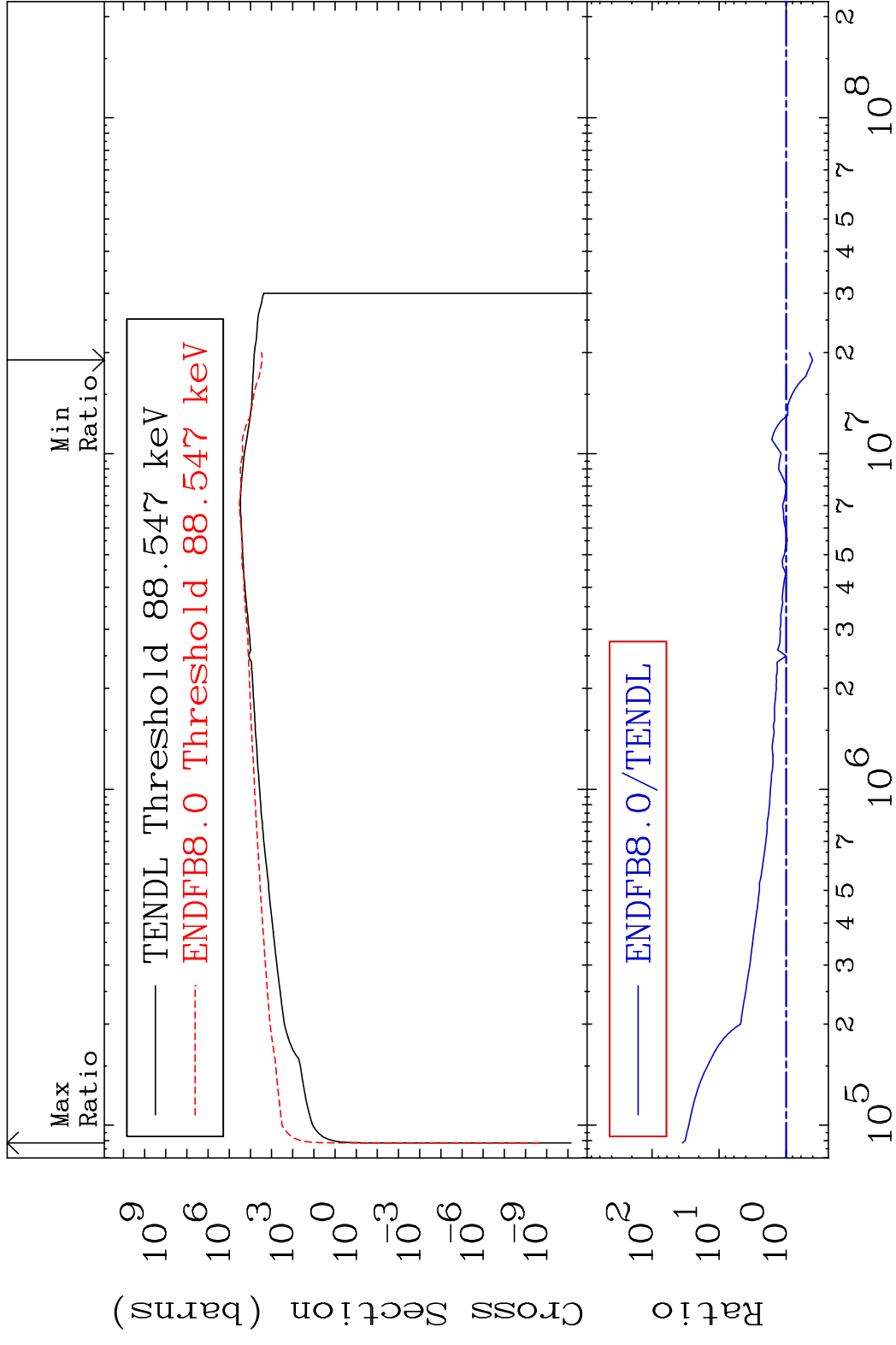
28-Ni-63

MAT 2840 Kerma non-elastic (all but mt2) 28-Ni-63
 Cross Section -100.0 To 9999. %



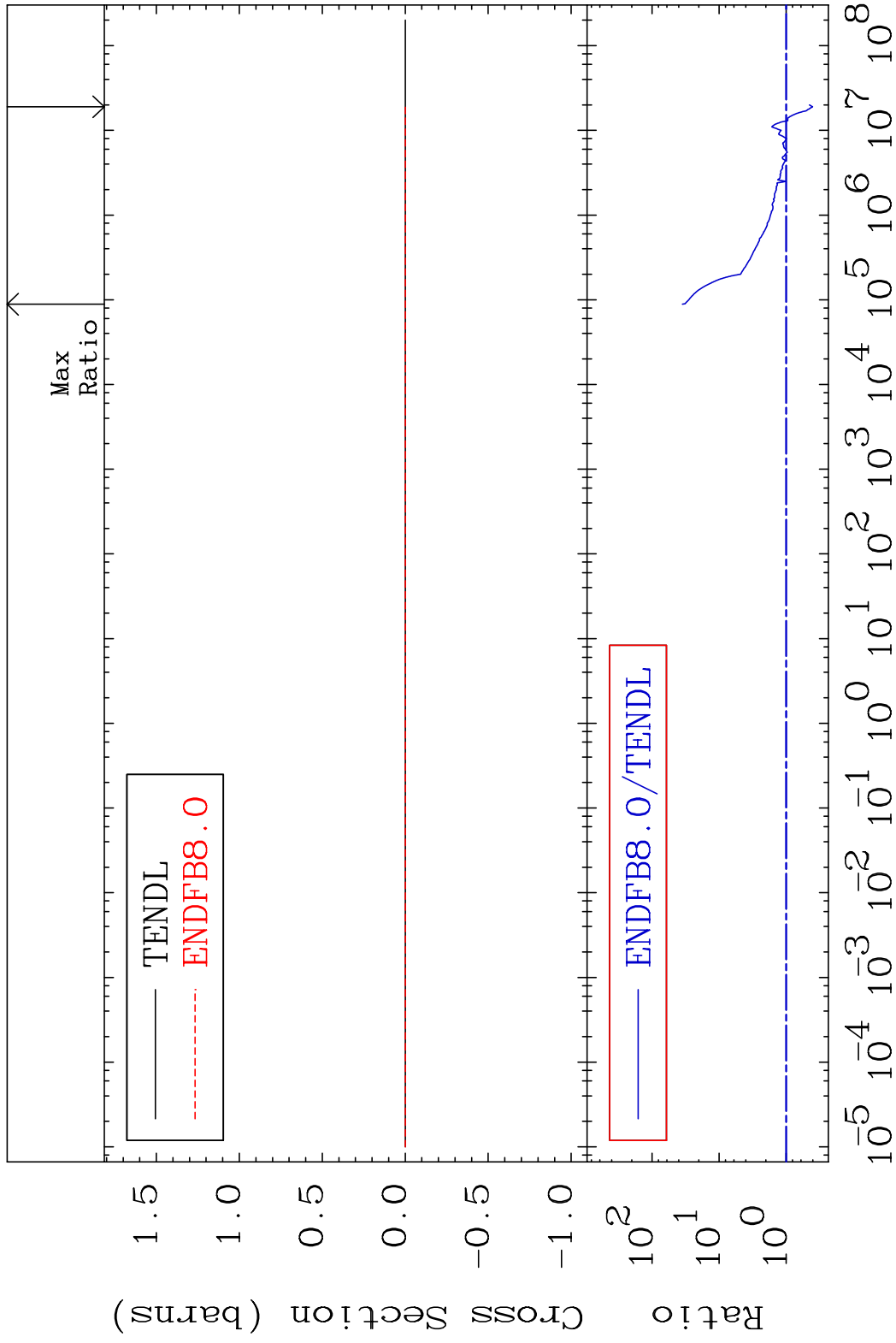
34 Incident Energy (eV) 28-Ni-63

MAT 2840 Kerma inelastic (mt51-91) 28-Ni-63
 Cross Section -59.61 To 3425. %

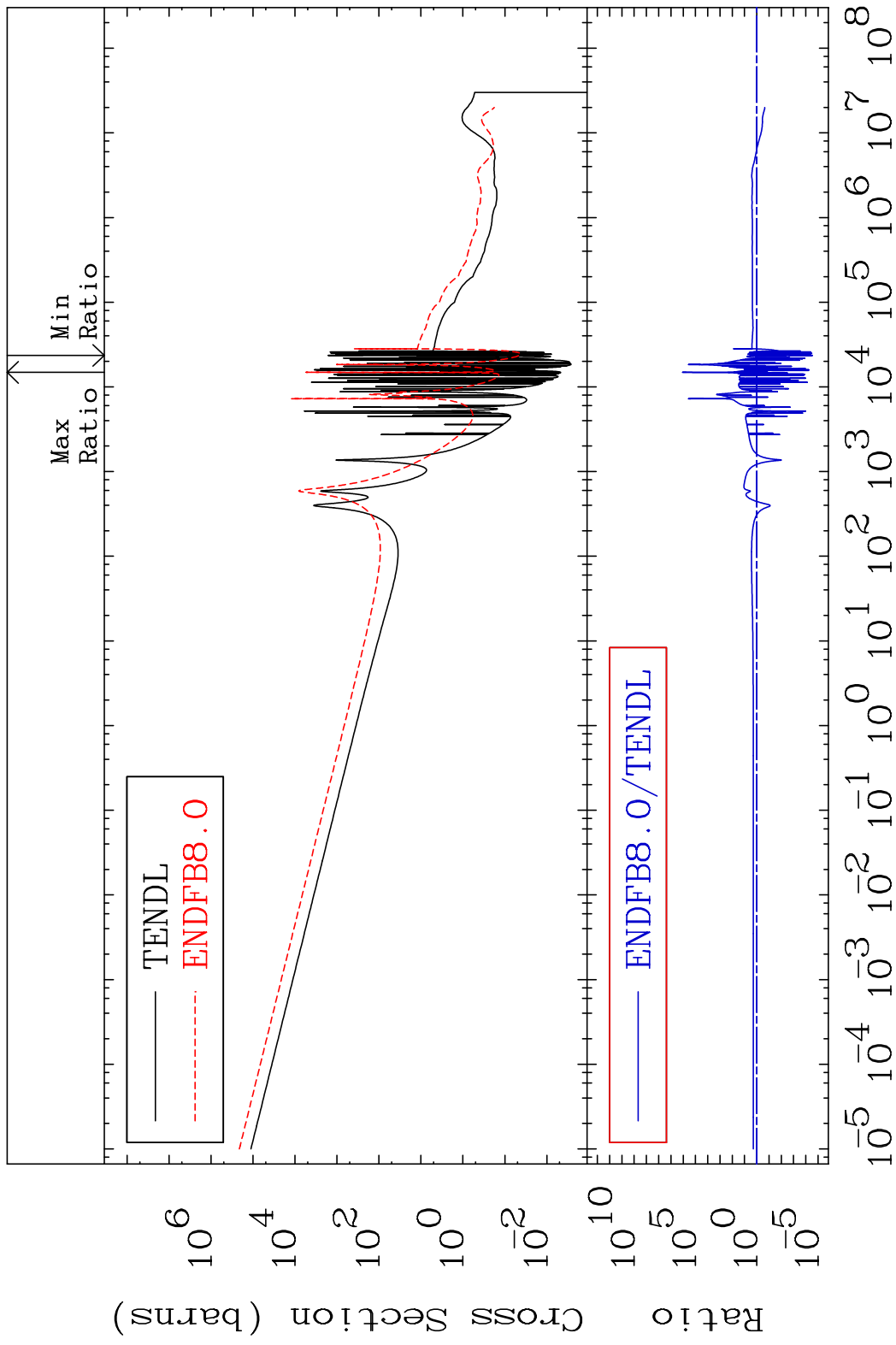


35 Incident Energy (eV) 28-Ni-63

MAT 2840 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-63
 Cross Section -59.61 To 3425. %

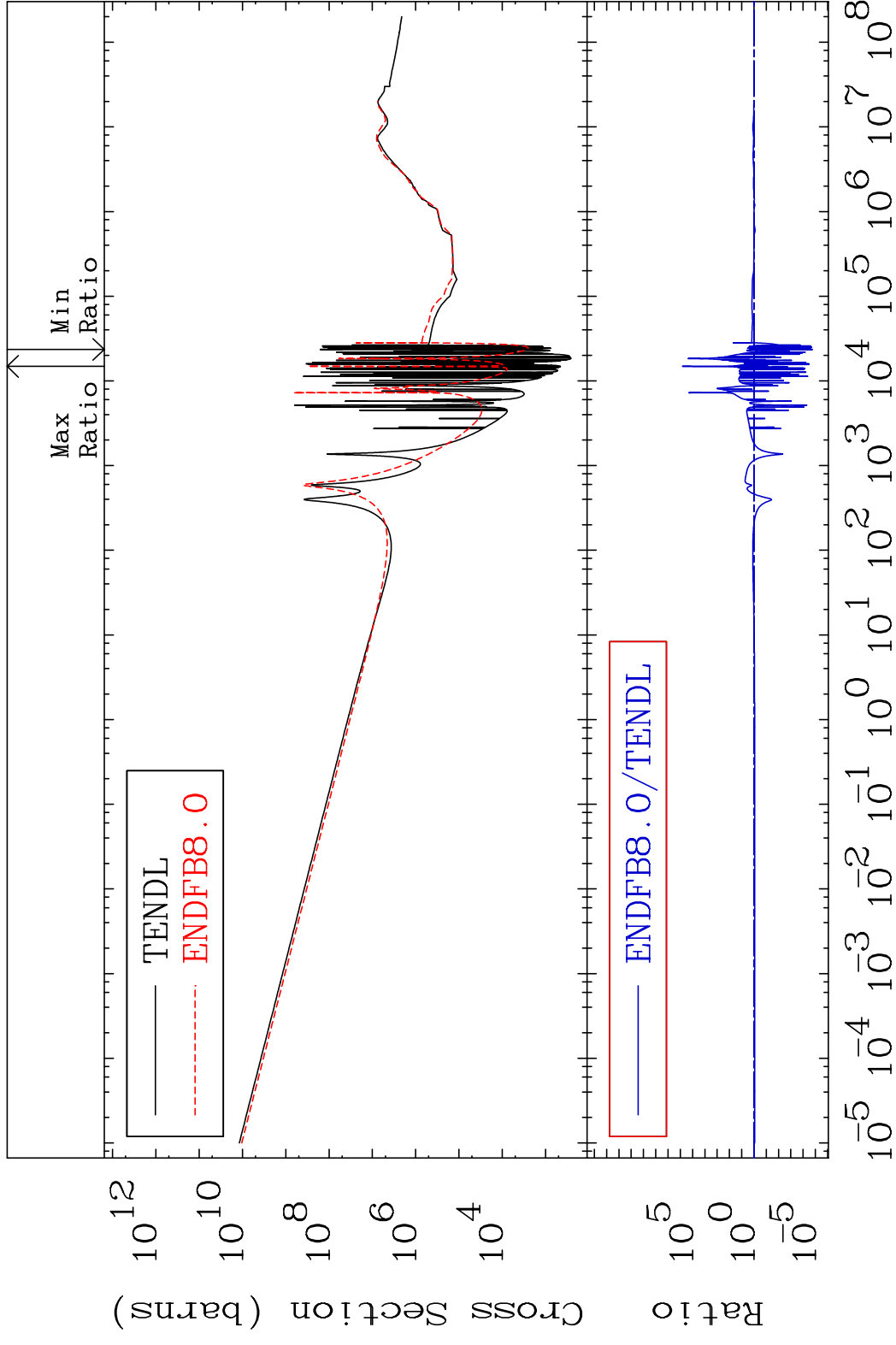


MAT 2840 Kerma capture (mt102) 28-Ni-63
 Cross Section -100.0 To 9999. %



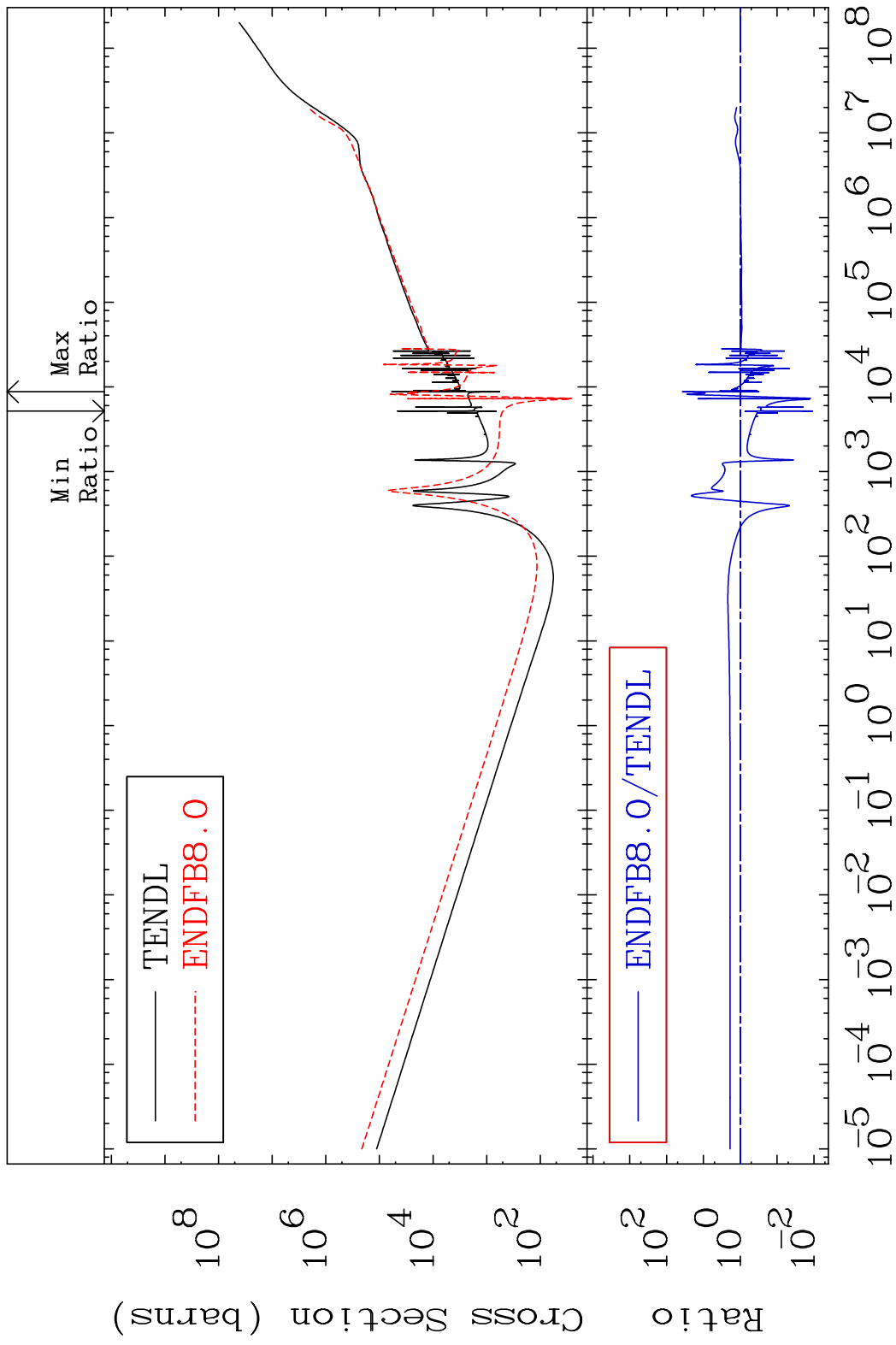
37 Incident Energy (eV) 28-Ni-63

MAT 2840 Total photon (eV-barns) 28-Ni-63
Cross Section -100.0 To 9999. %

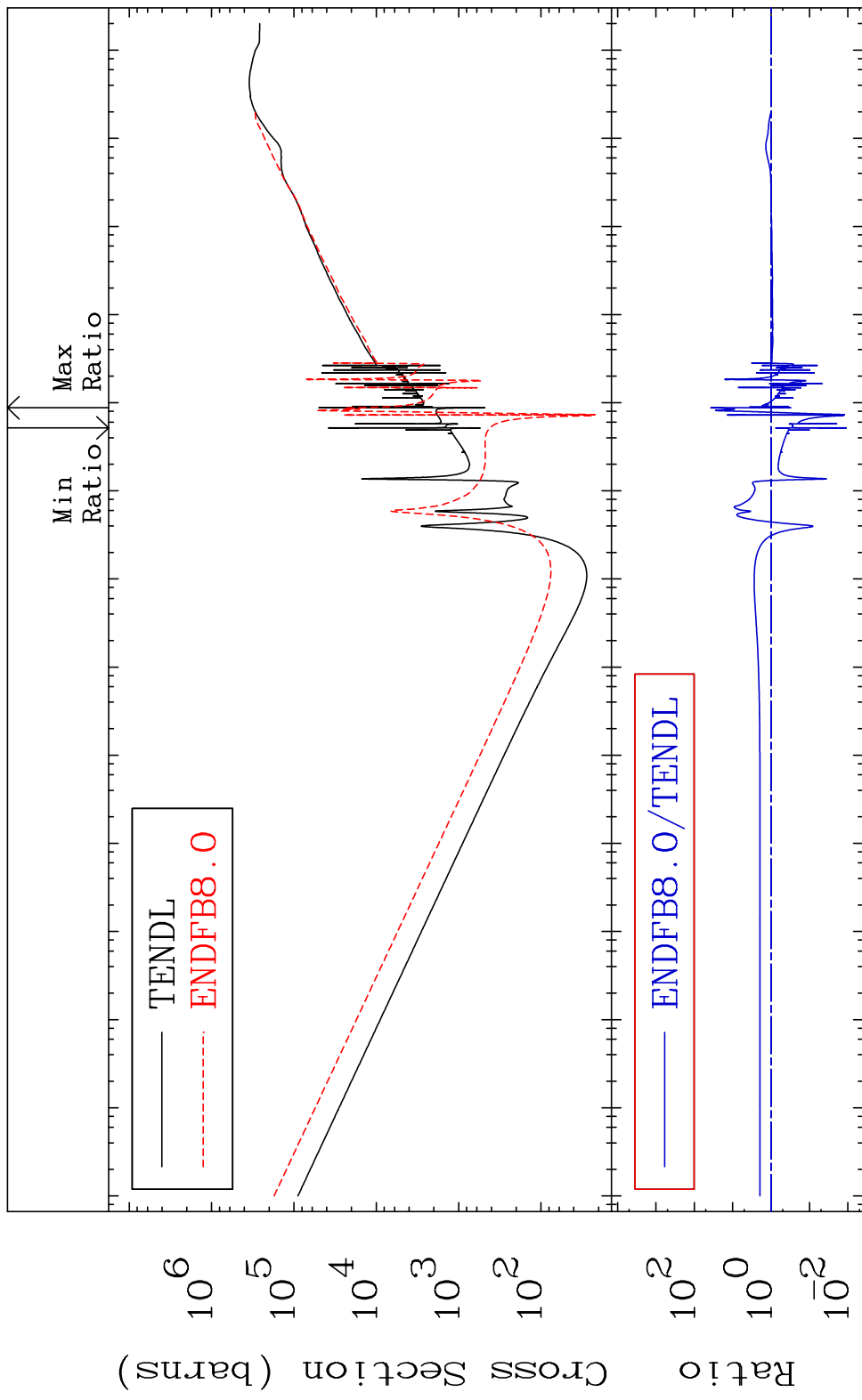


38 Incident Energy (eV) 28-Ni-63

MAT 2840 Total kinematic kerma (high limit) 28-Ni-63
 Cross Section -98.91 To 3632. %



MAT 2840 Dpa total (eV-barns) 28-Ni-63
 Cross Section -98.91 To 3640. %



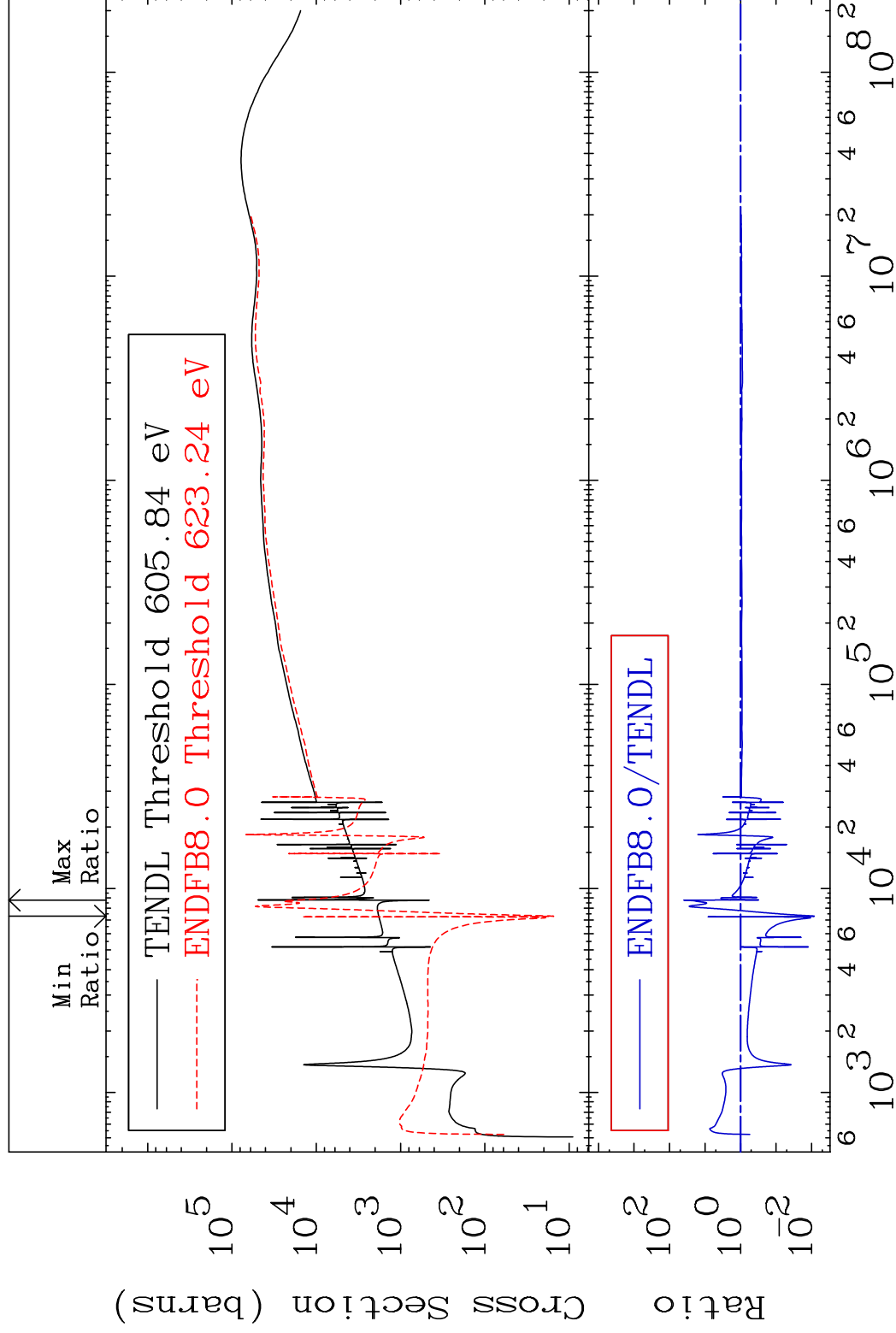
40 Incident Energy (eV) 28-Ni-63

MAT 2840

Dpa elastic (mt2)

28-Ni-63

Cross Section -99.16 To 3799. %



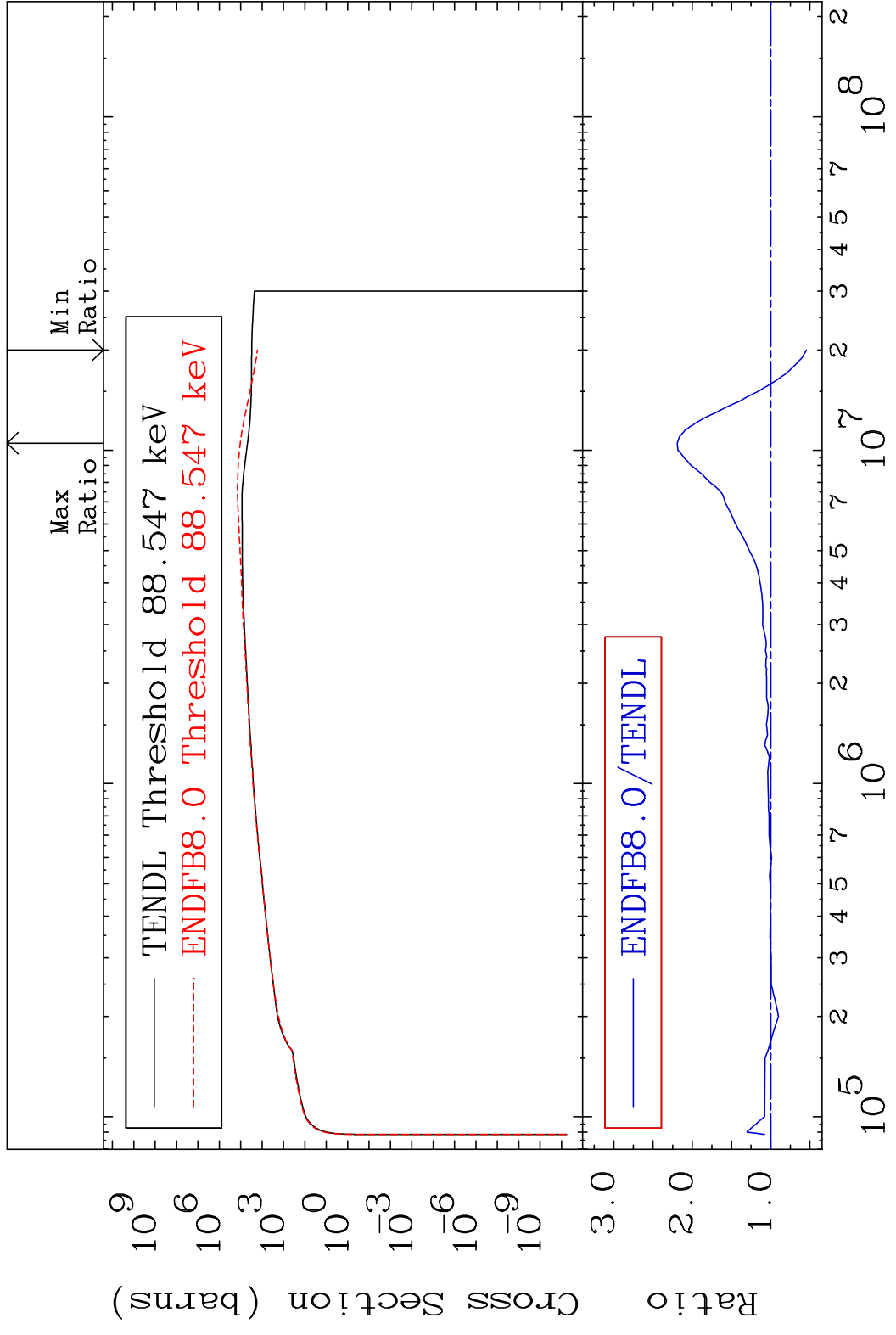
41

Incident Energy (eV)

28-Ni-63

MAT 2840

Dpa inelastic (mt51-91) 28-Ni-63
Cross Section -45.51 To 119.2 %



42

Incident Energy (eV)

28-Ni-63

MAT 2840 Dpa disappearance (mt102 -120) 28-Ni-63
 Cross Section -100.0 To 9999. %

