

Program Complot
(Version 2021-1)

by

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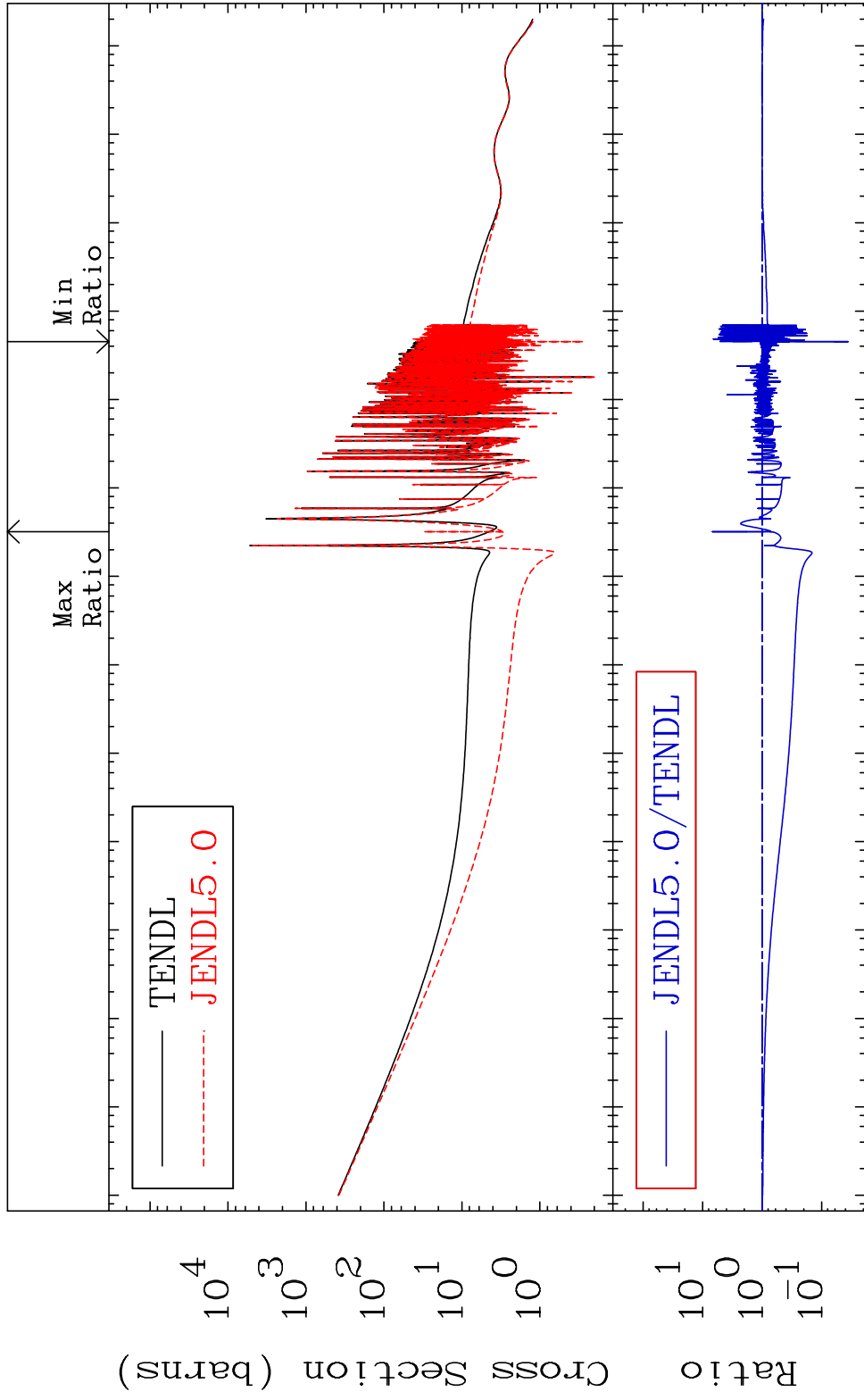
Press Mouse Button to Start

MAT 3034

Total

30-Zn-67

Cross Section -96.42 To 588.4 %



1

Incident Energy (eV)

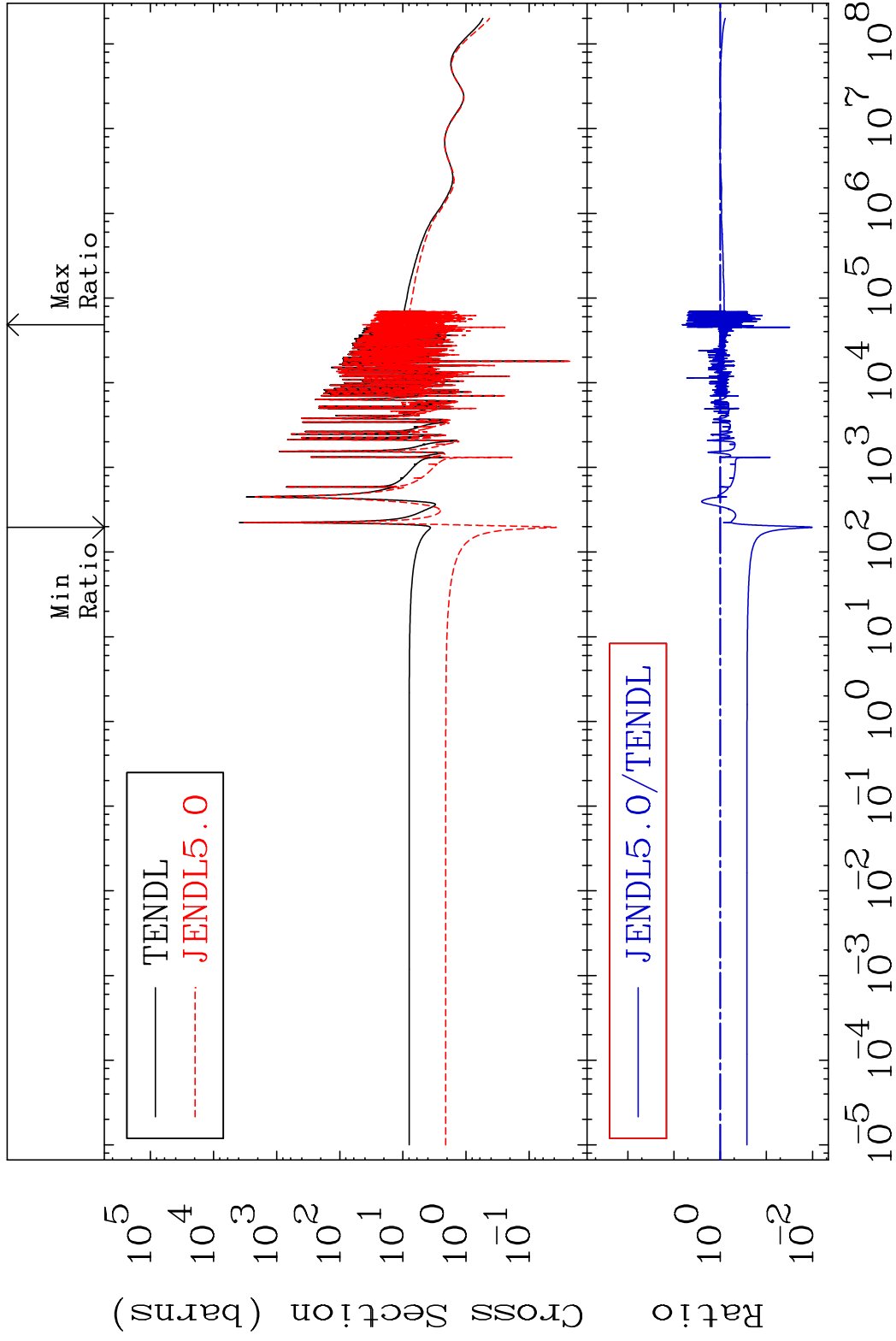
30-Zn-67

MAT 3034

Elastic

30-Zn-67

Cross Section -99.00 To 559.6 %

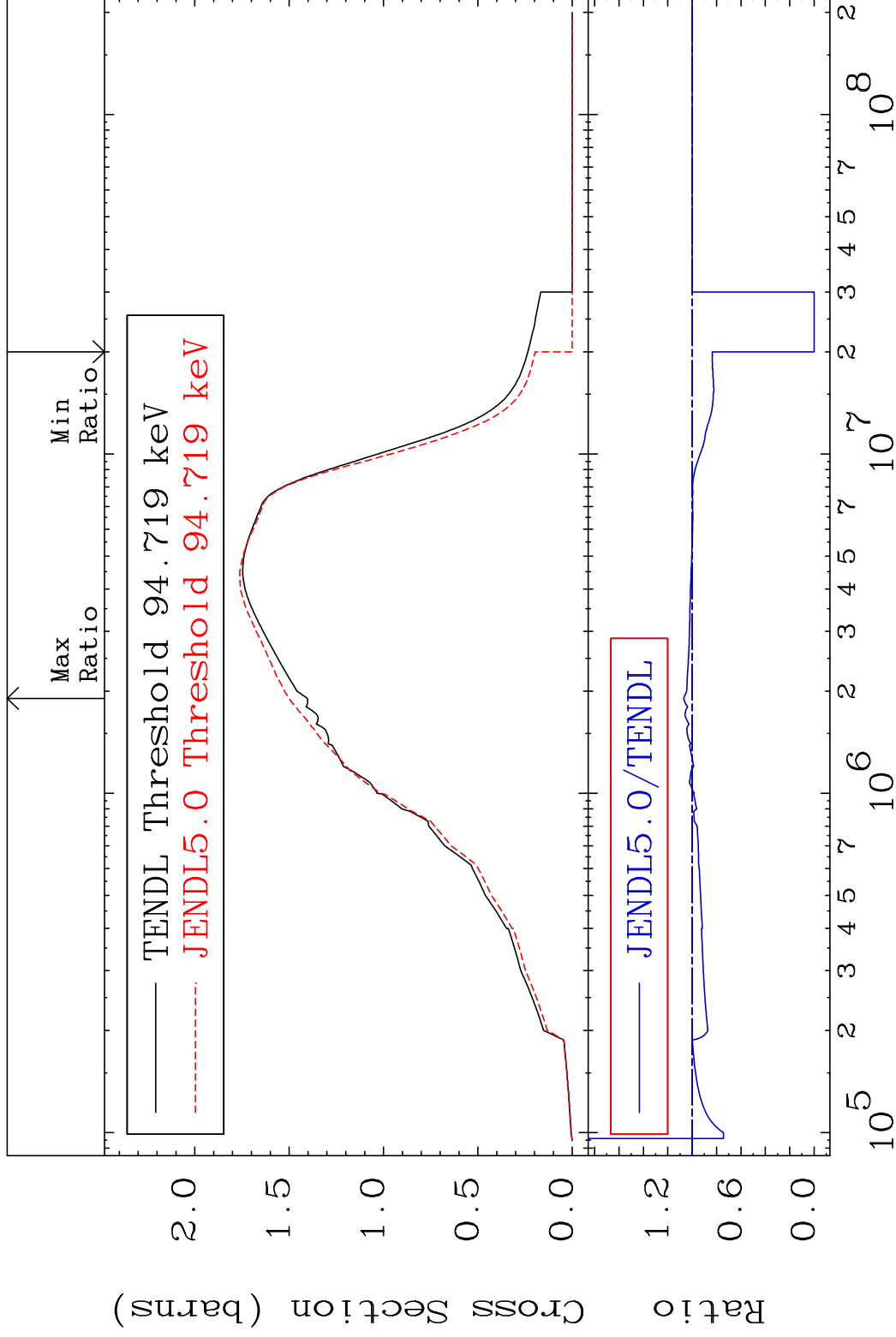


MAT 3034

Inelastic

30-Zn-67

Cross Section -100.0 To 6.970 %

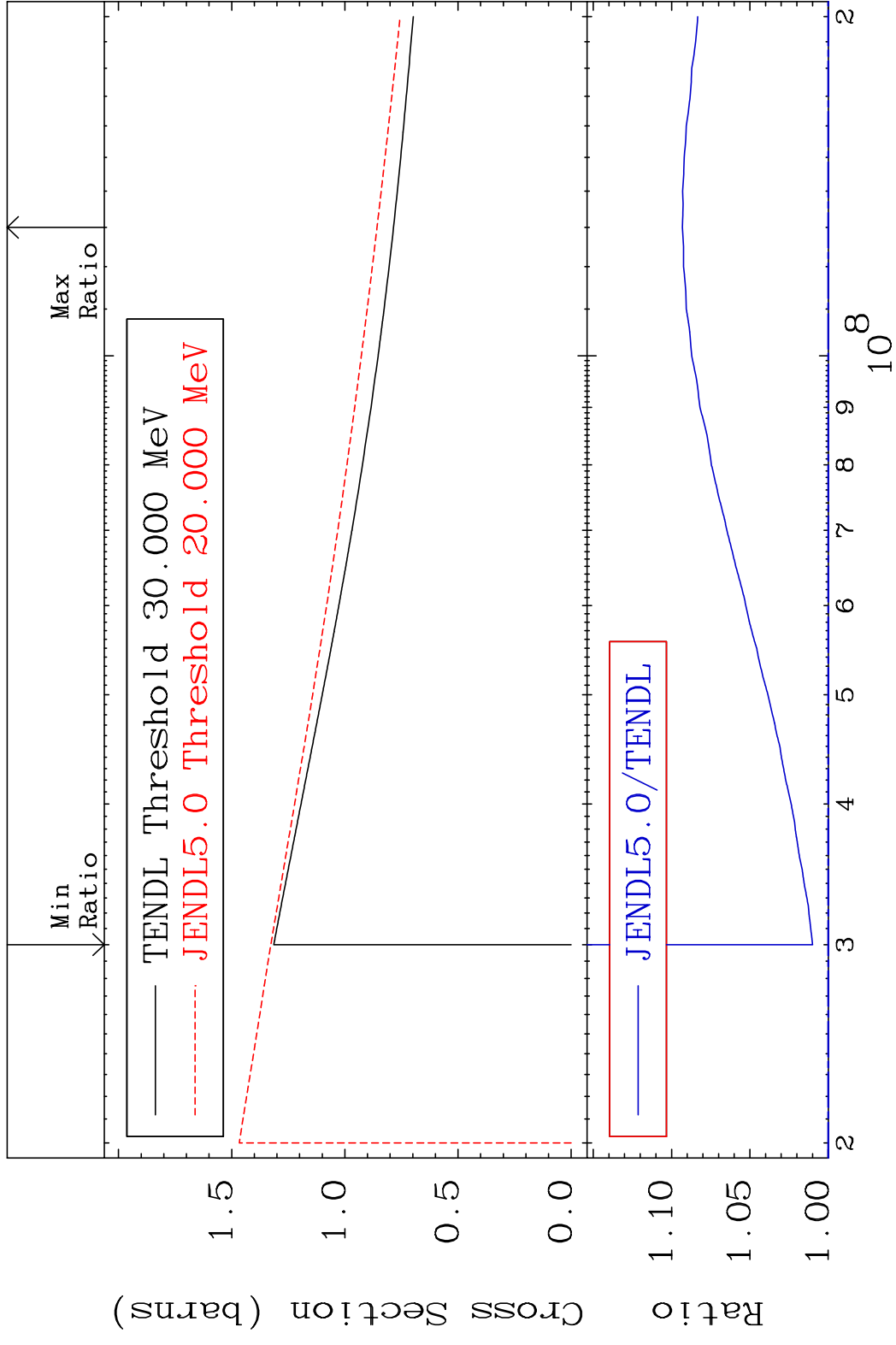


3

Incident Energy (eV)

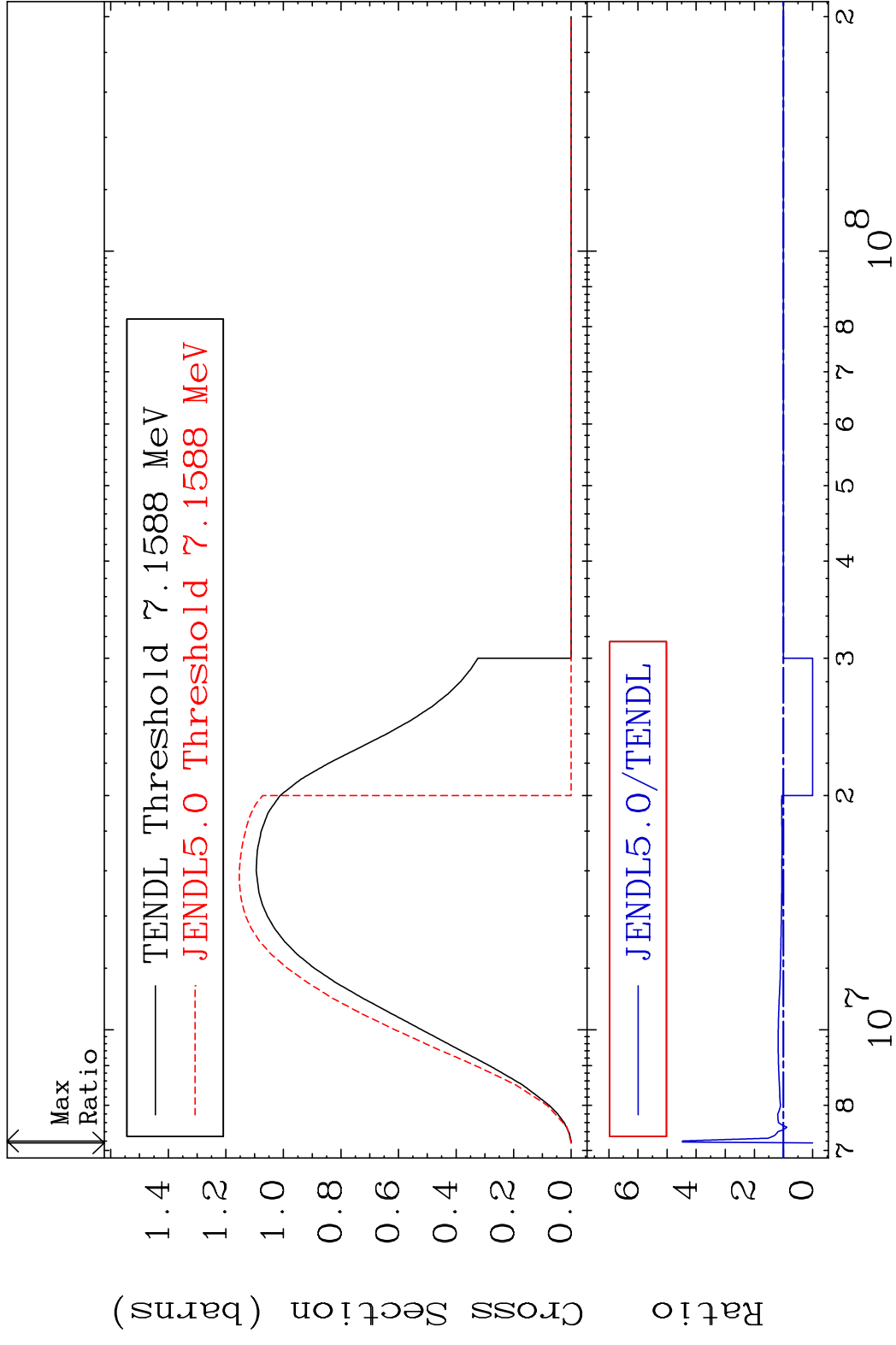
30-Zn-67

MAT 3034 (n, remainder) 30-Zn-67
 Cross Section 1.000 To 9.311 %



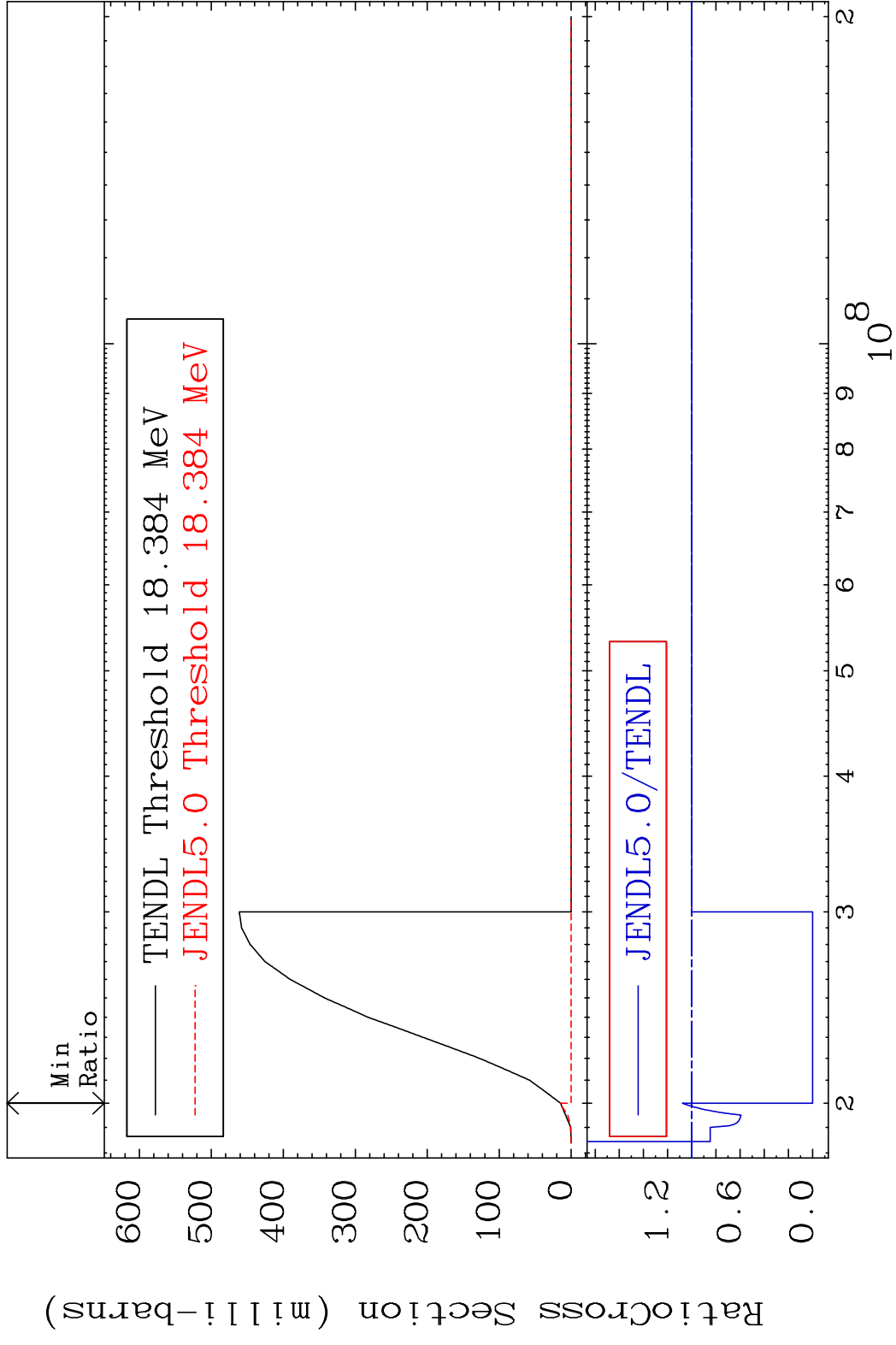
4 Incident Energy (eV) 30-Zn-67

MAT 3034 (n,2n) 30-Zn-67
 Cross Section -100.0 To 347.5 %

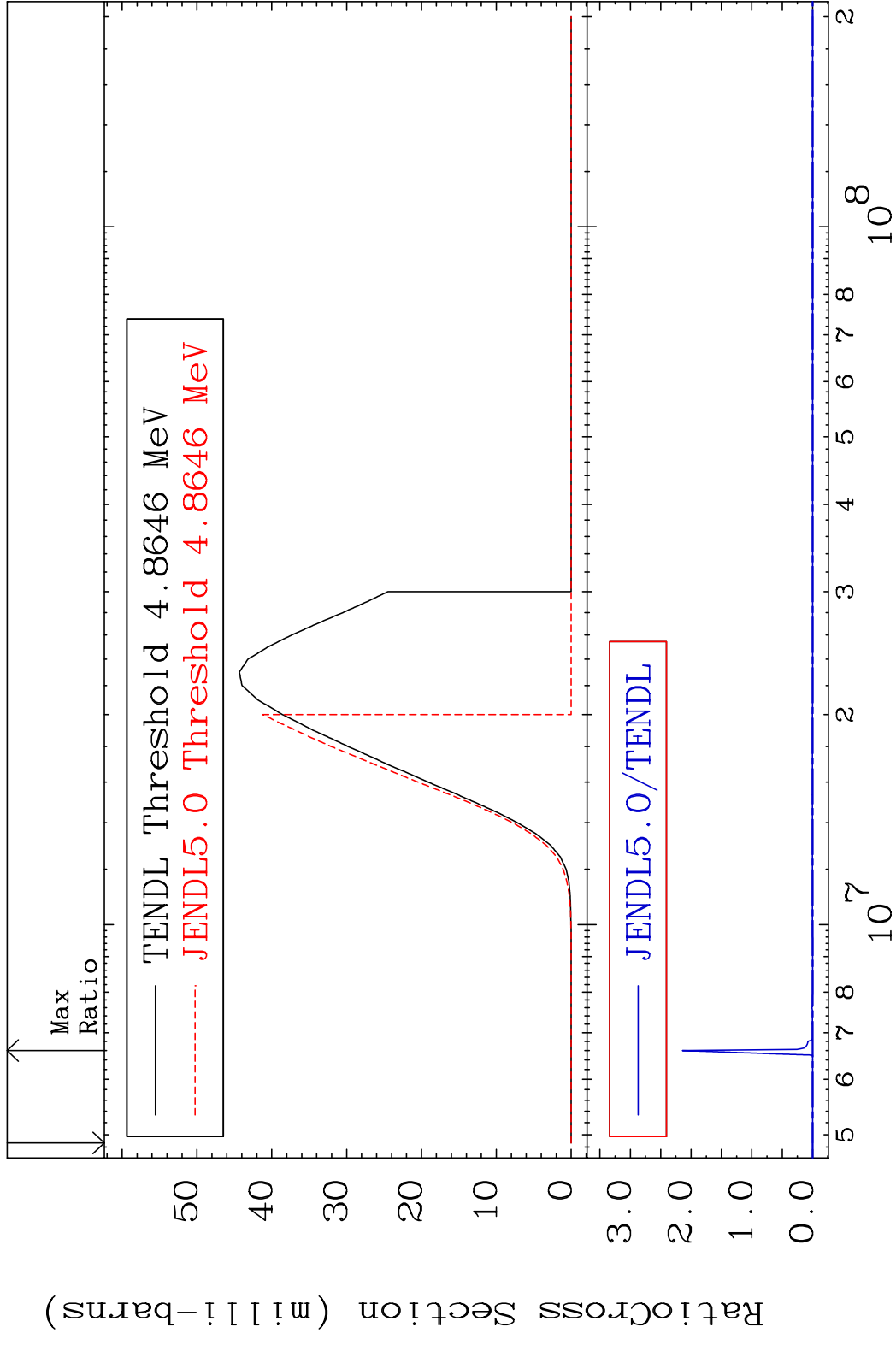


5 Incident Energy (eV) 30-Zn-67

MAT 3034 (n,3n) 30-Zn-67
 Cross Section -100.0 To 7.809 %

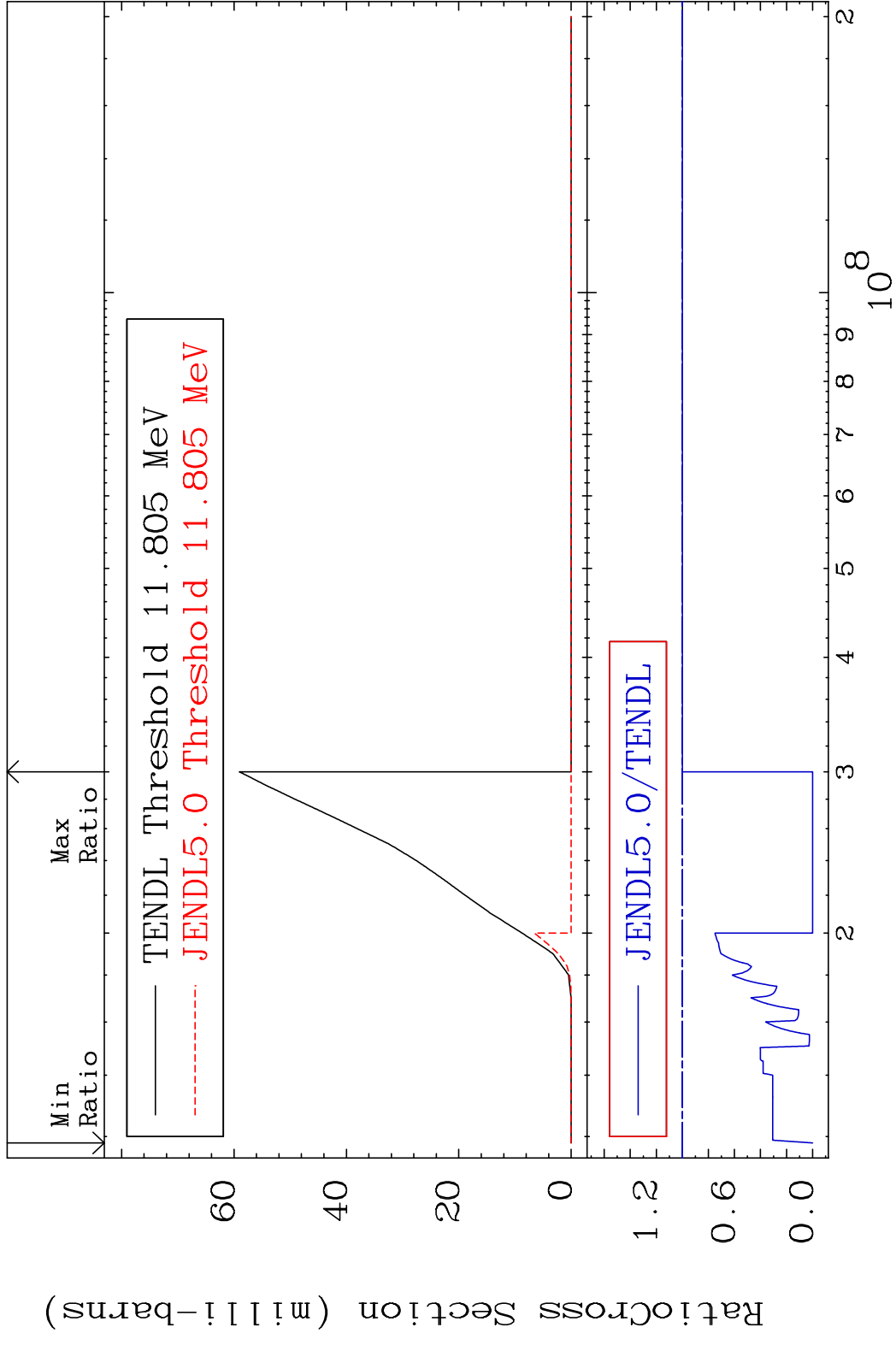


MAT 3034 (n, n') α 30-Zn-67
 Cross Section -100.0 To 9999. %



7 Incident Energy (eV) 30-Zn-67

MAT 3034 (n,2n) α 30-Zn-67
 Cross Section -100.0 To 0.000 %

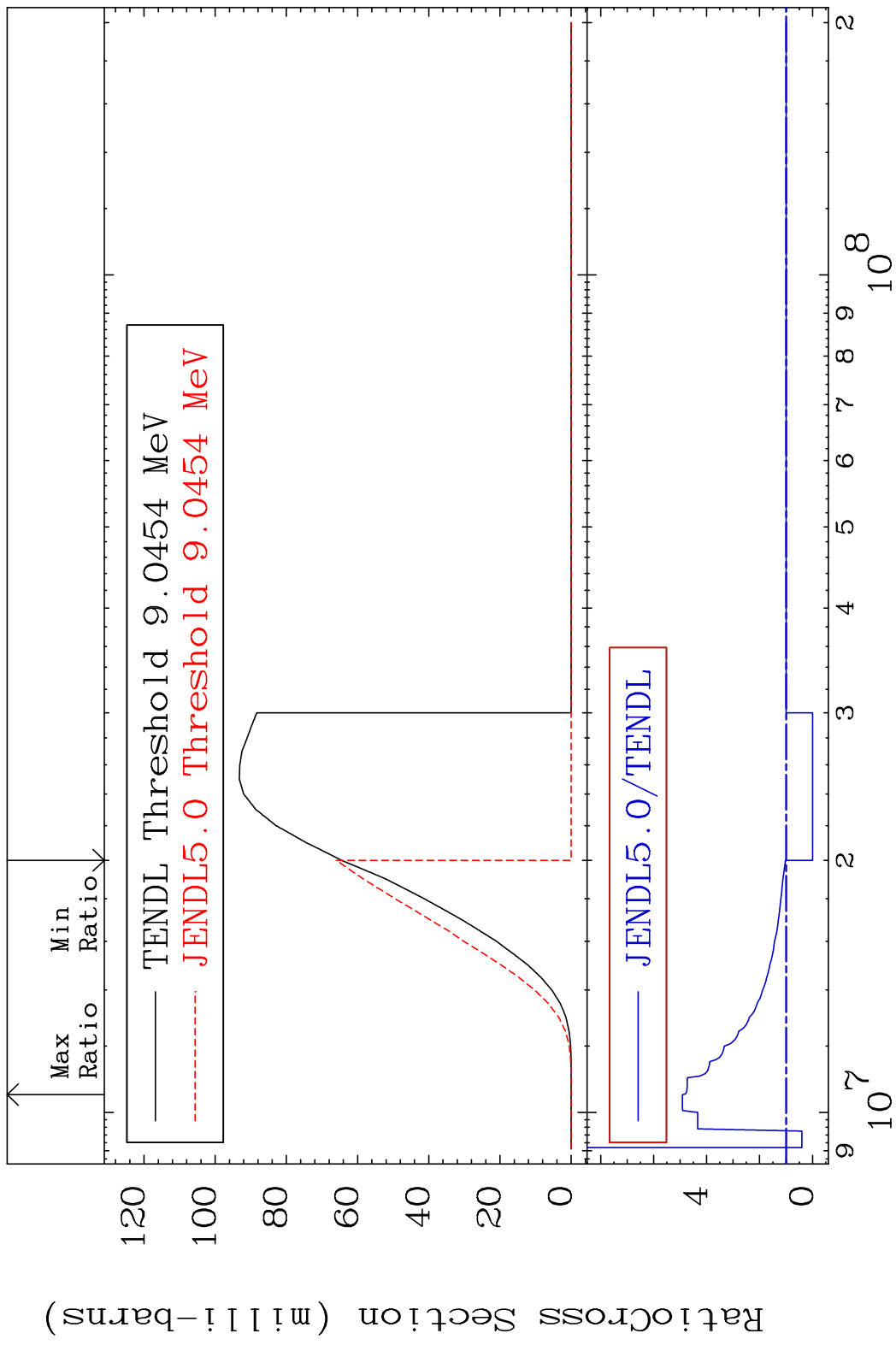


MAT 3034

(n, n') p

30-Zn-67

Cross Section -100.0 To 391.5 %

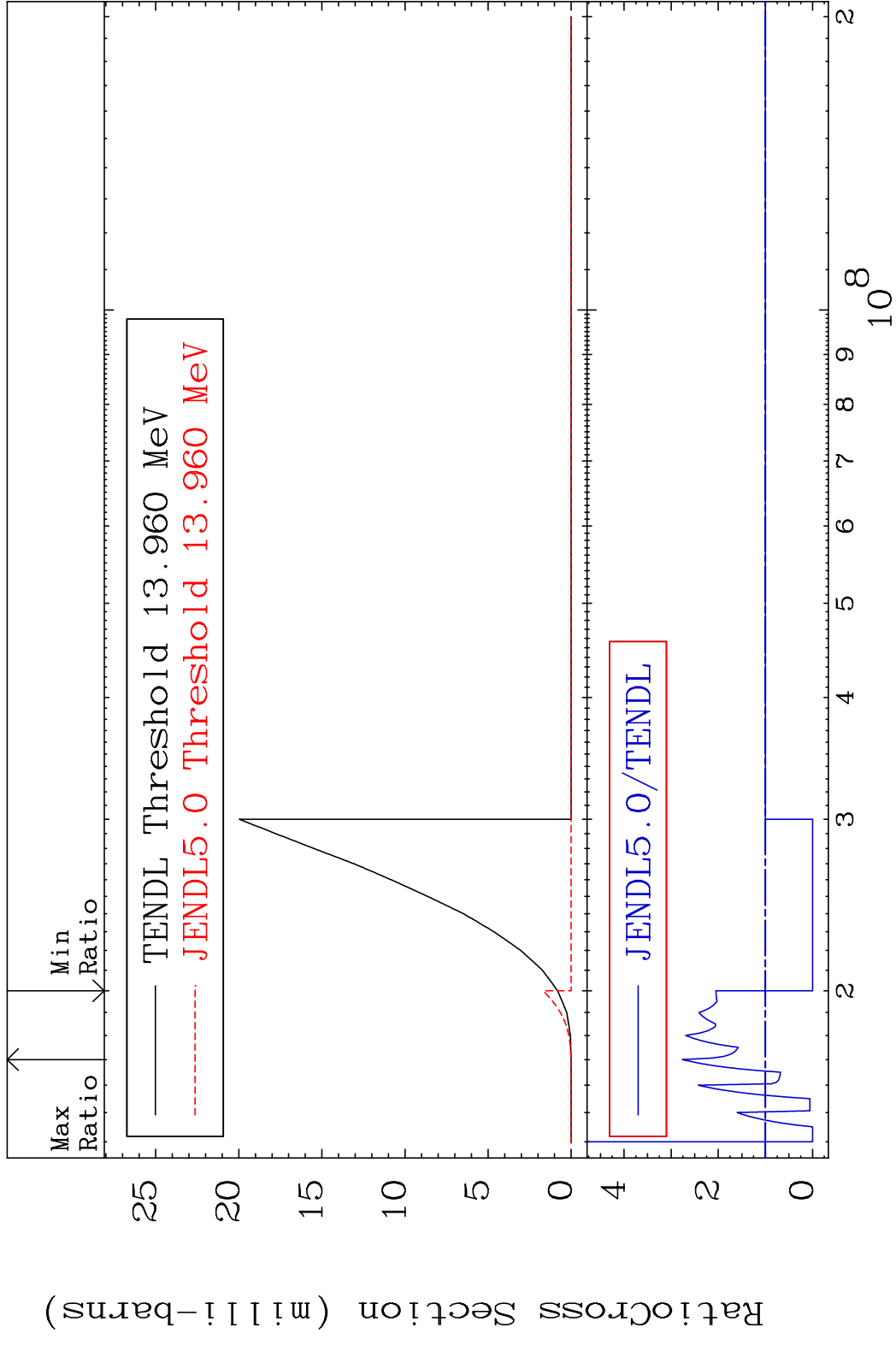


9

Incident Energy (eV)

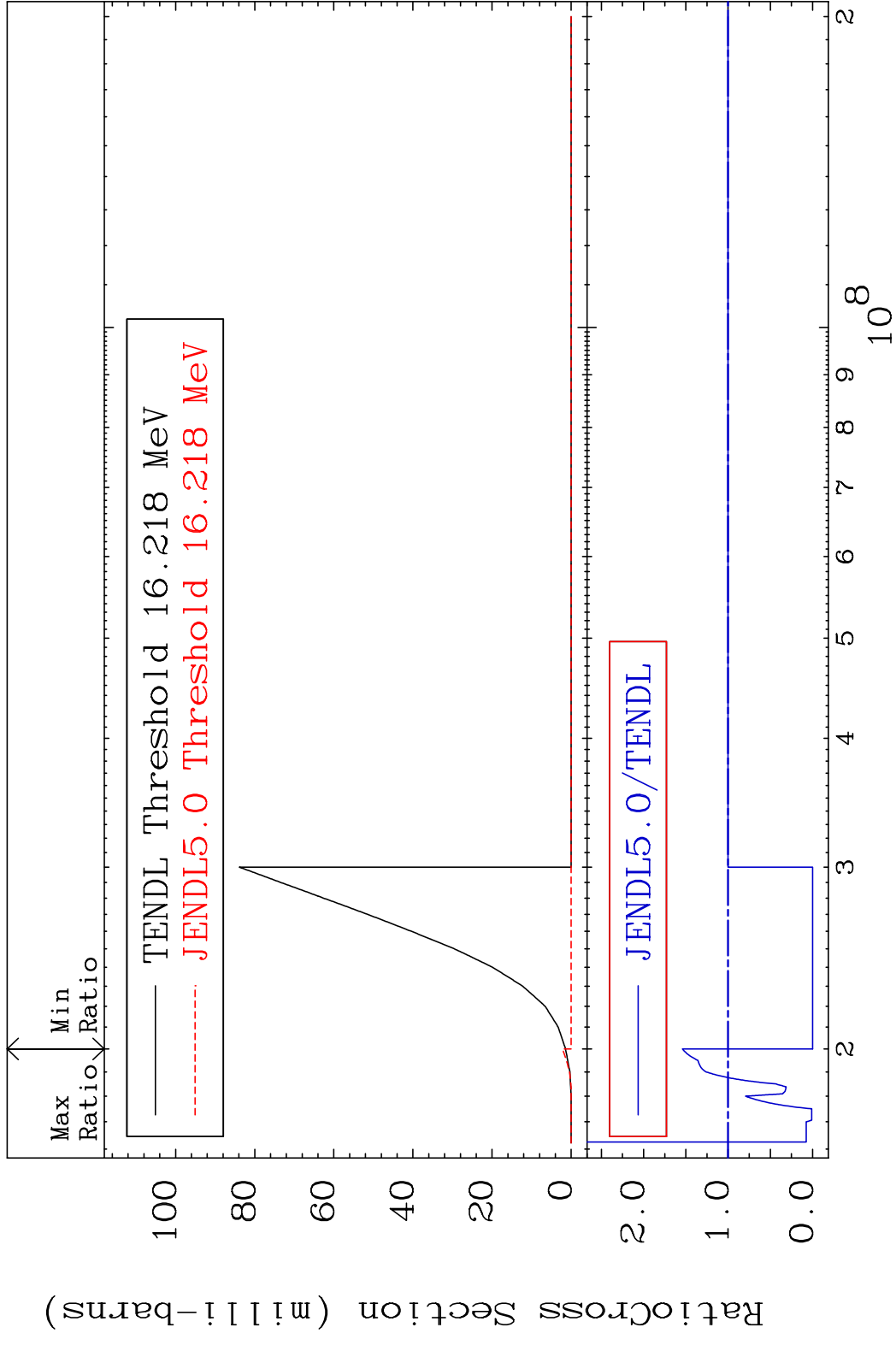
30-Zn-67

MAT 3034 (n, n') d 30-Zn-67
 Cross Section -100.0 To 176.3 %

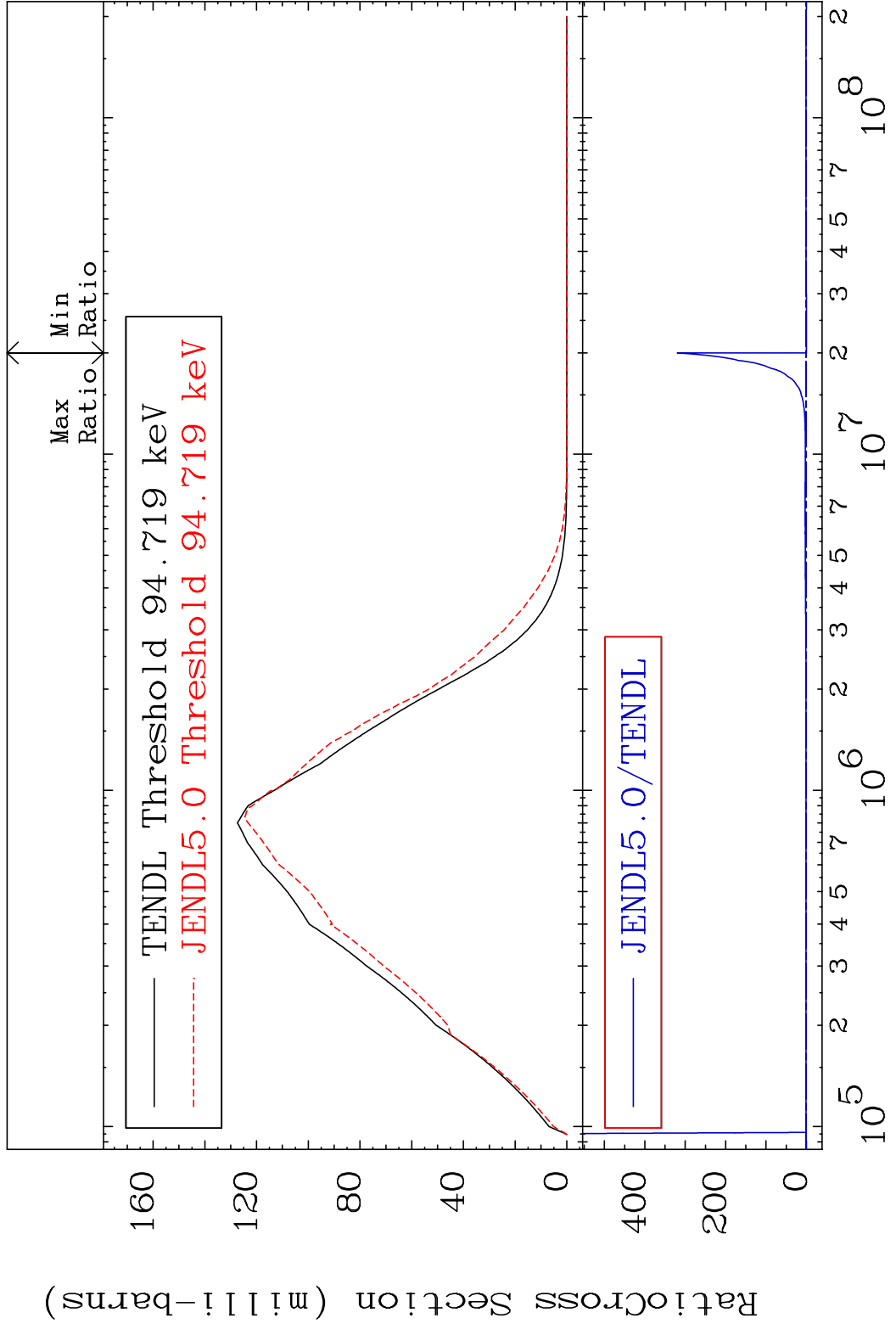


10 Incident Energy (eV) 30-Zn-67

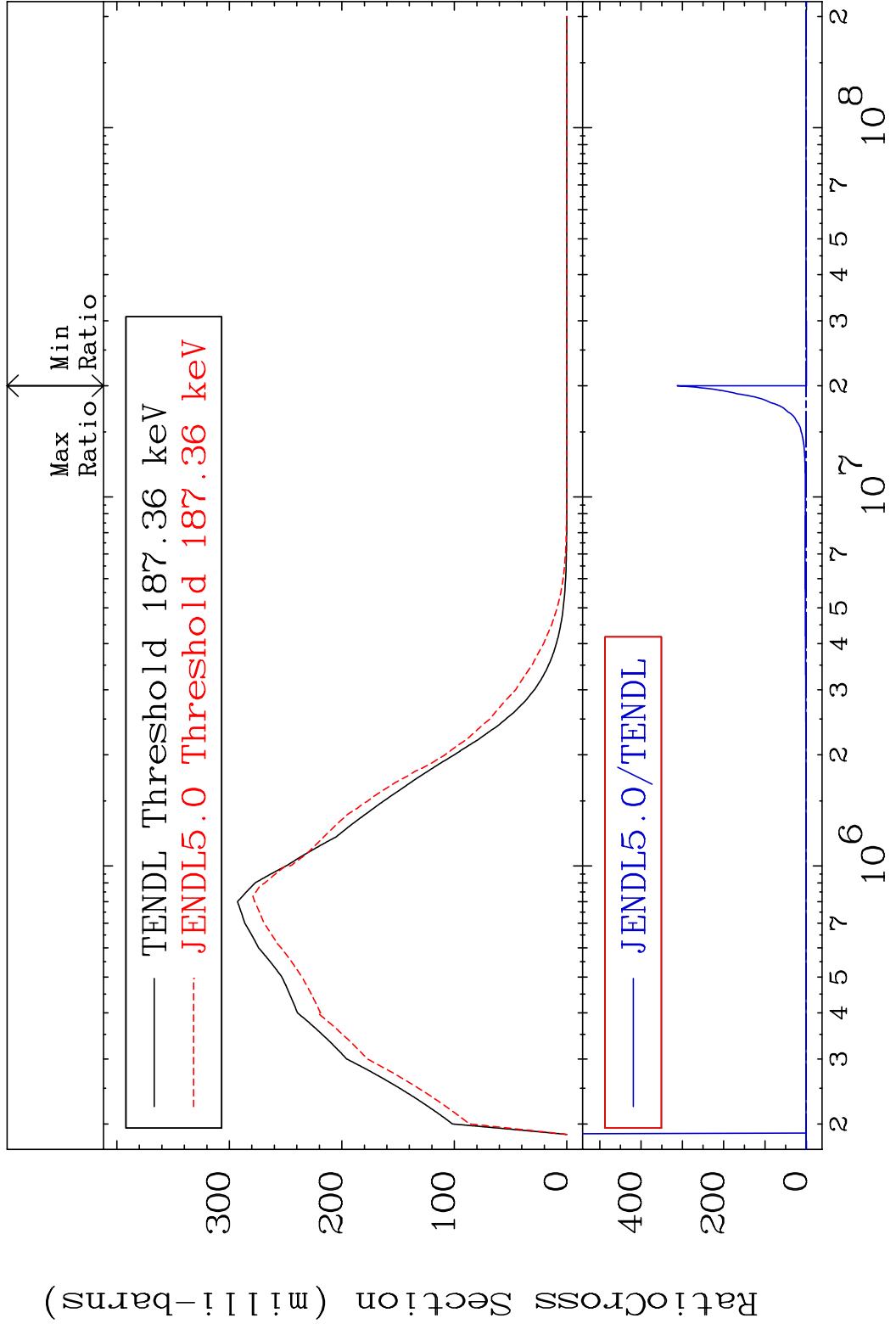
MAT 3034 (n,2n) p 30-Zn-67
 Cross Section -100.0 To 54.15 %



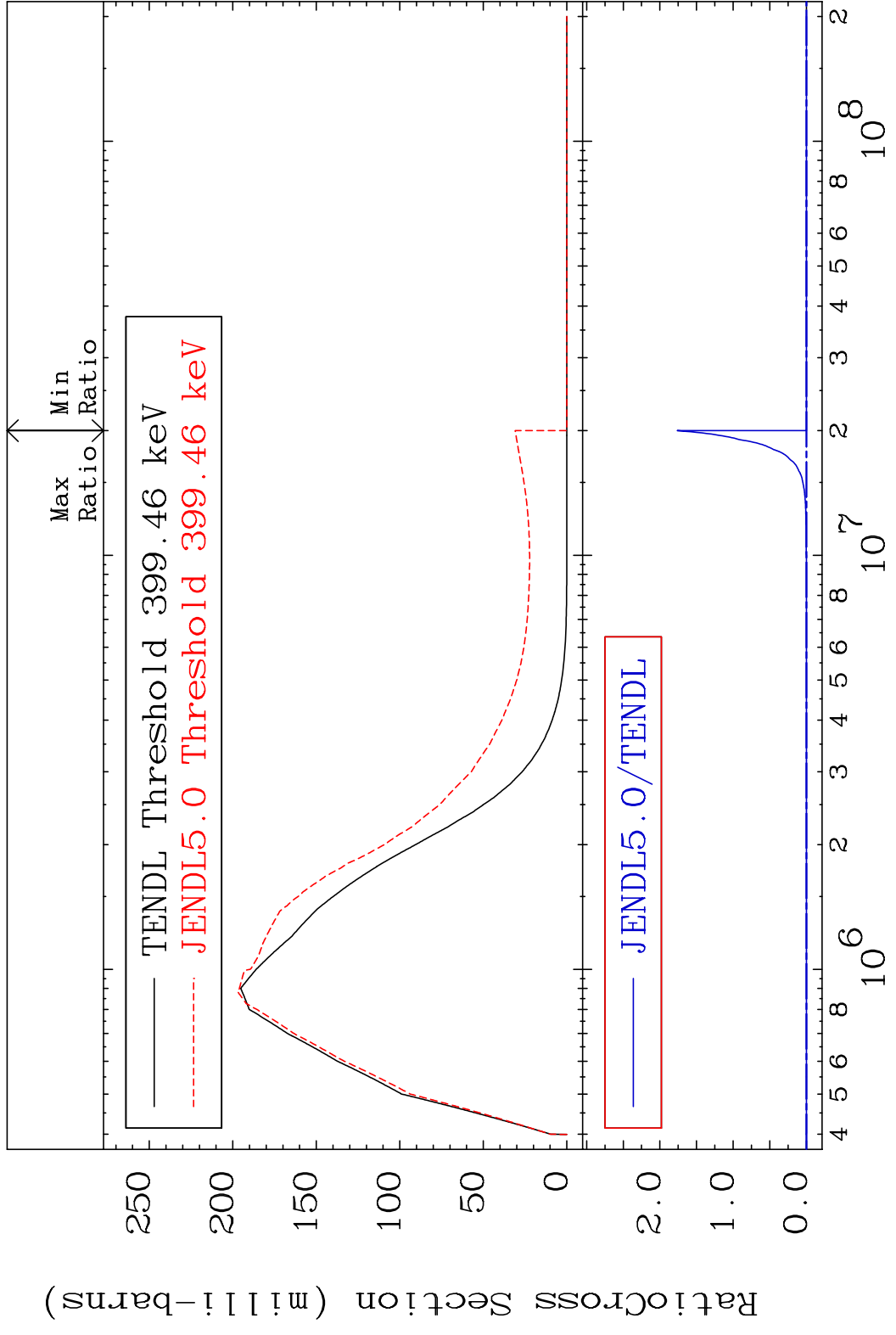
MAT 3034 MT= 51 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 9999. %



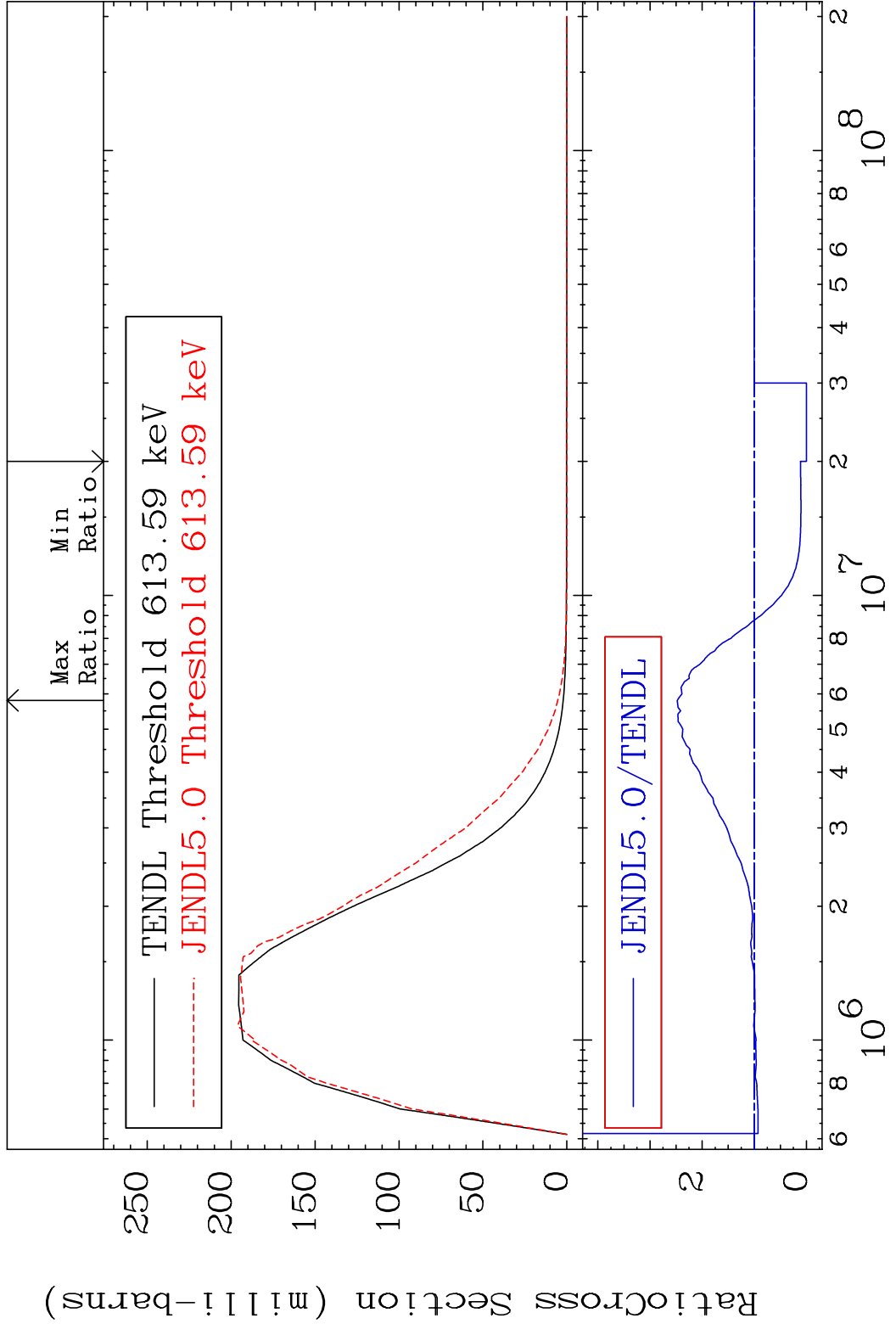
MAT 3034 MT= 52 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 9999. %



MAT 3034 MT= 53 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 9999. %

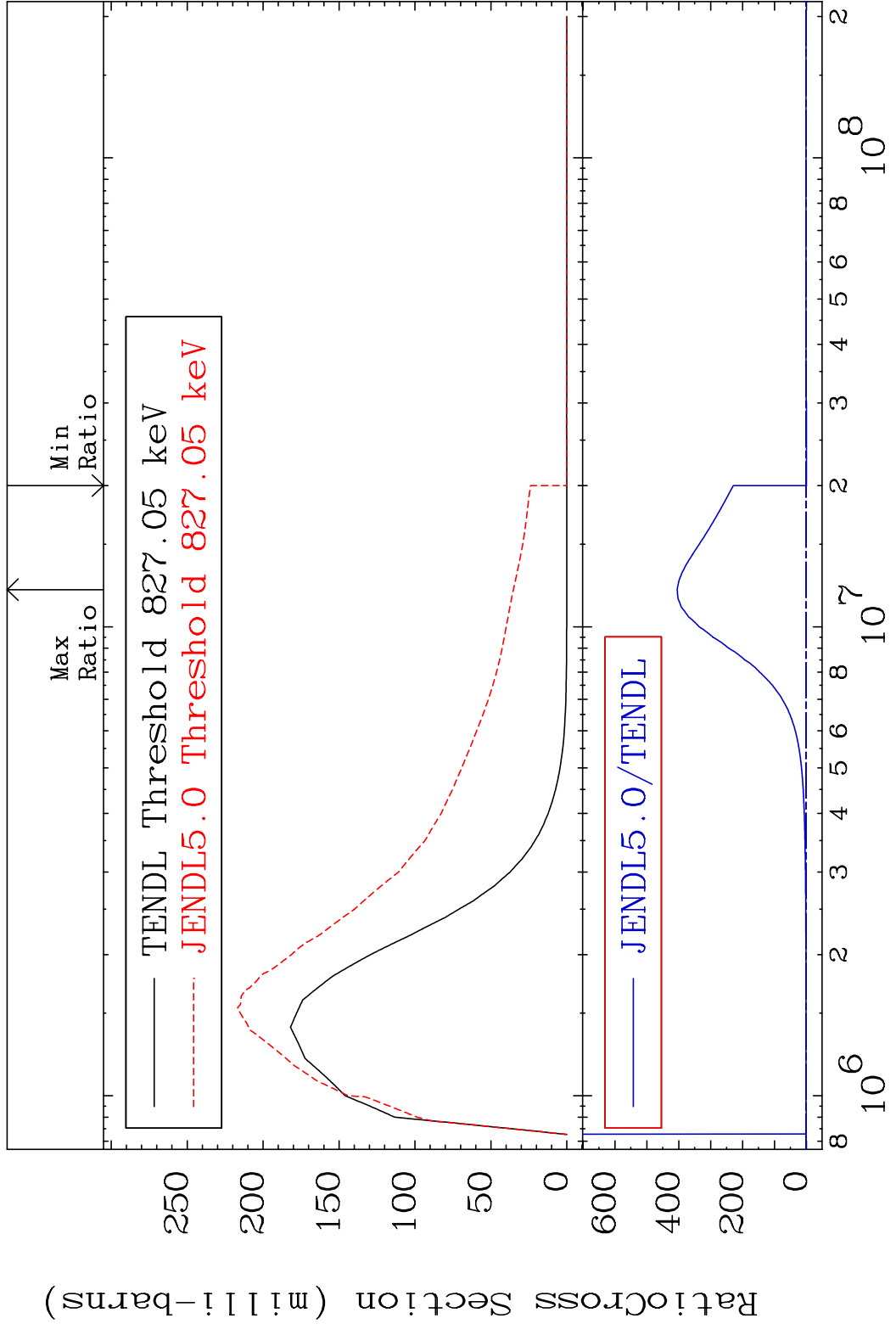


MAT 3034 MT= 54 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 147.9 %



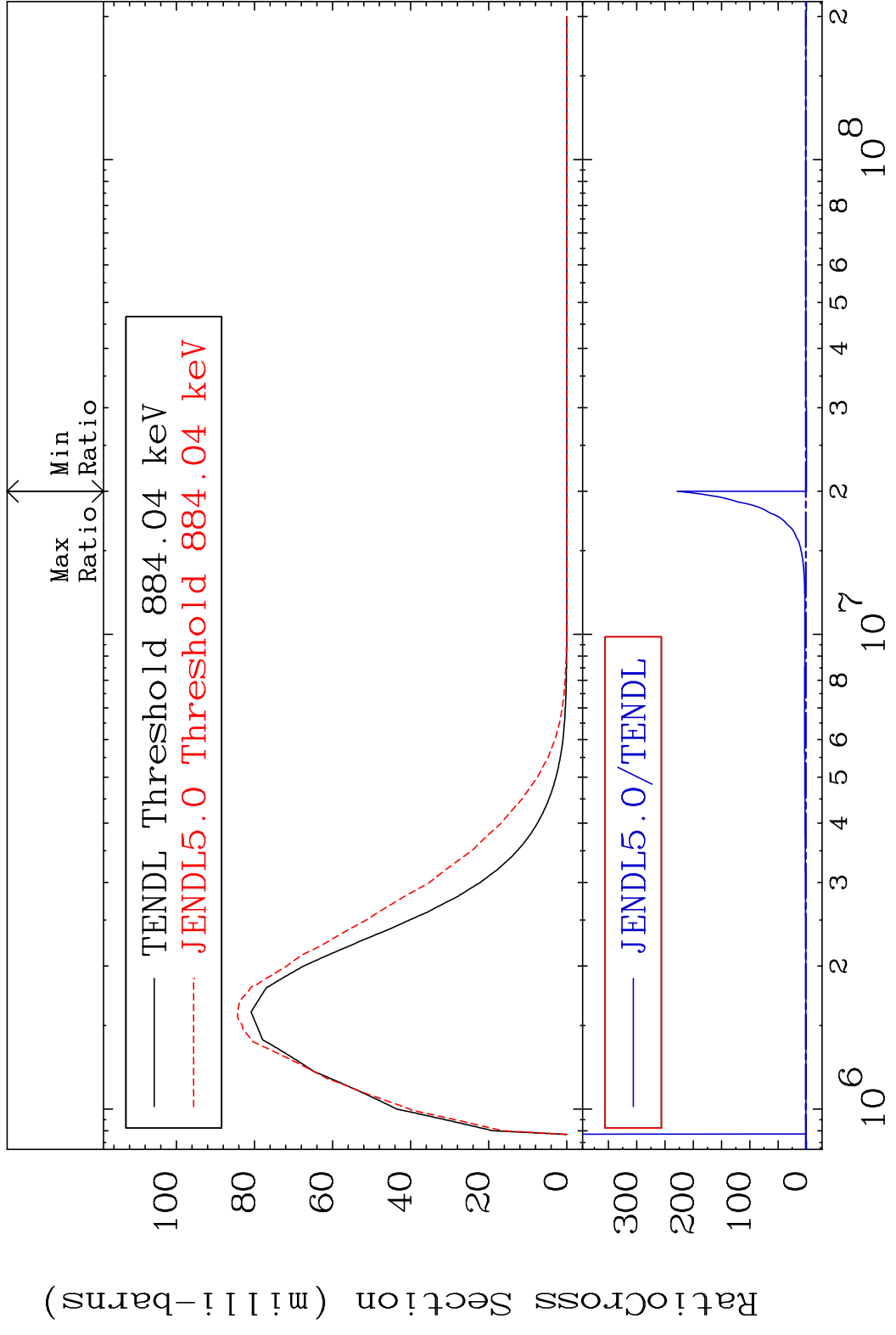
15 Incident Energy (eV) 30-Zn-67

MAT 3034 MT= 55 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 9999. %



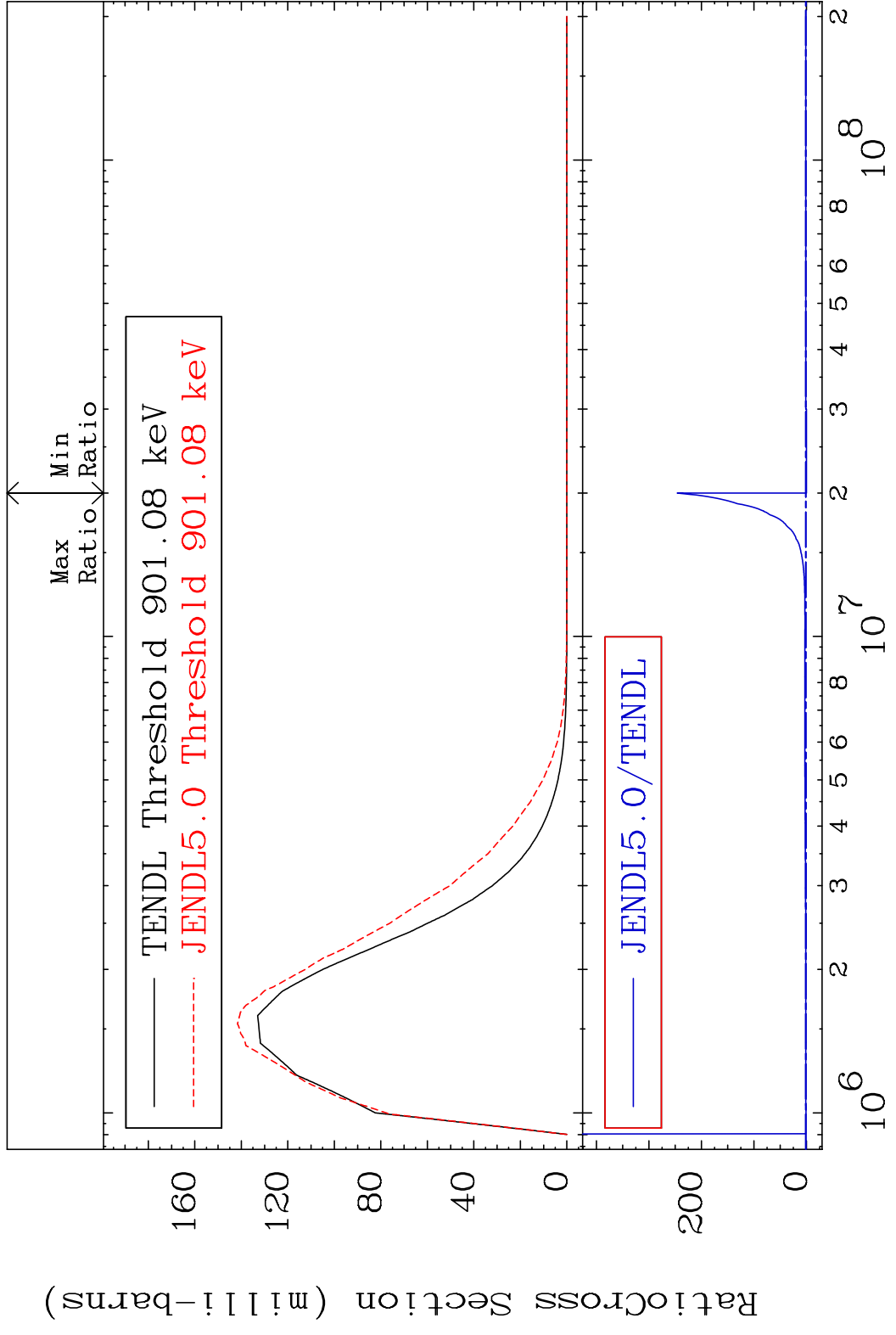
16 Incident Energy (eV) 30-Zn-67

MAT 3034 MT= 56 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 9999. %



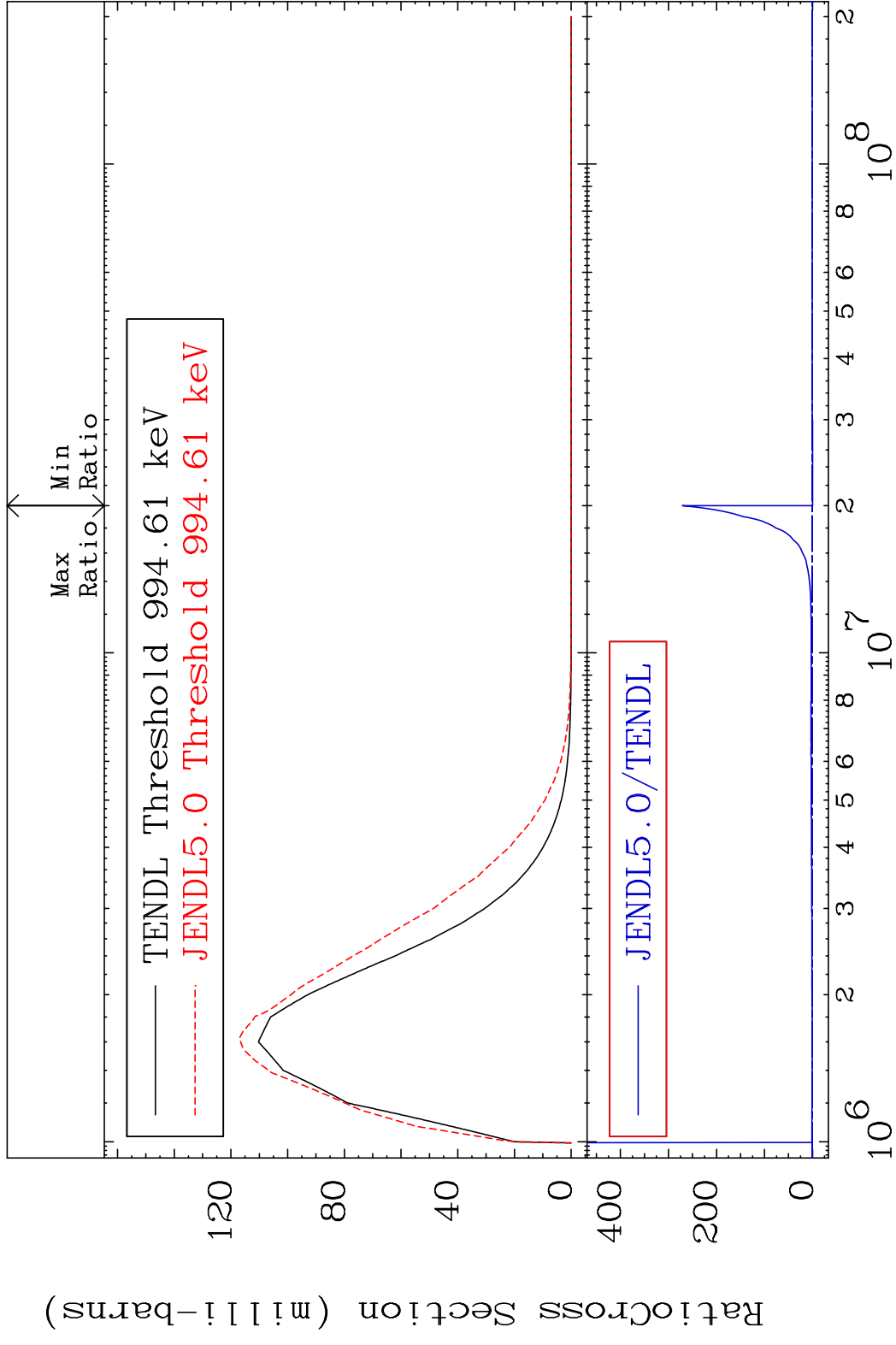
17 Incident Energy (eV) 30-Zn-67

MAT 3034 MT= 57 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 9999. %



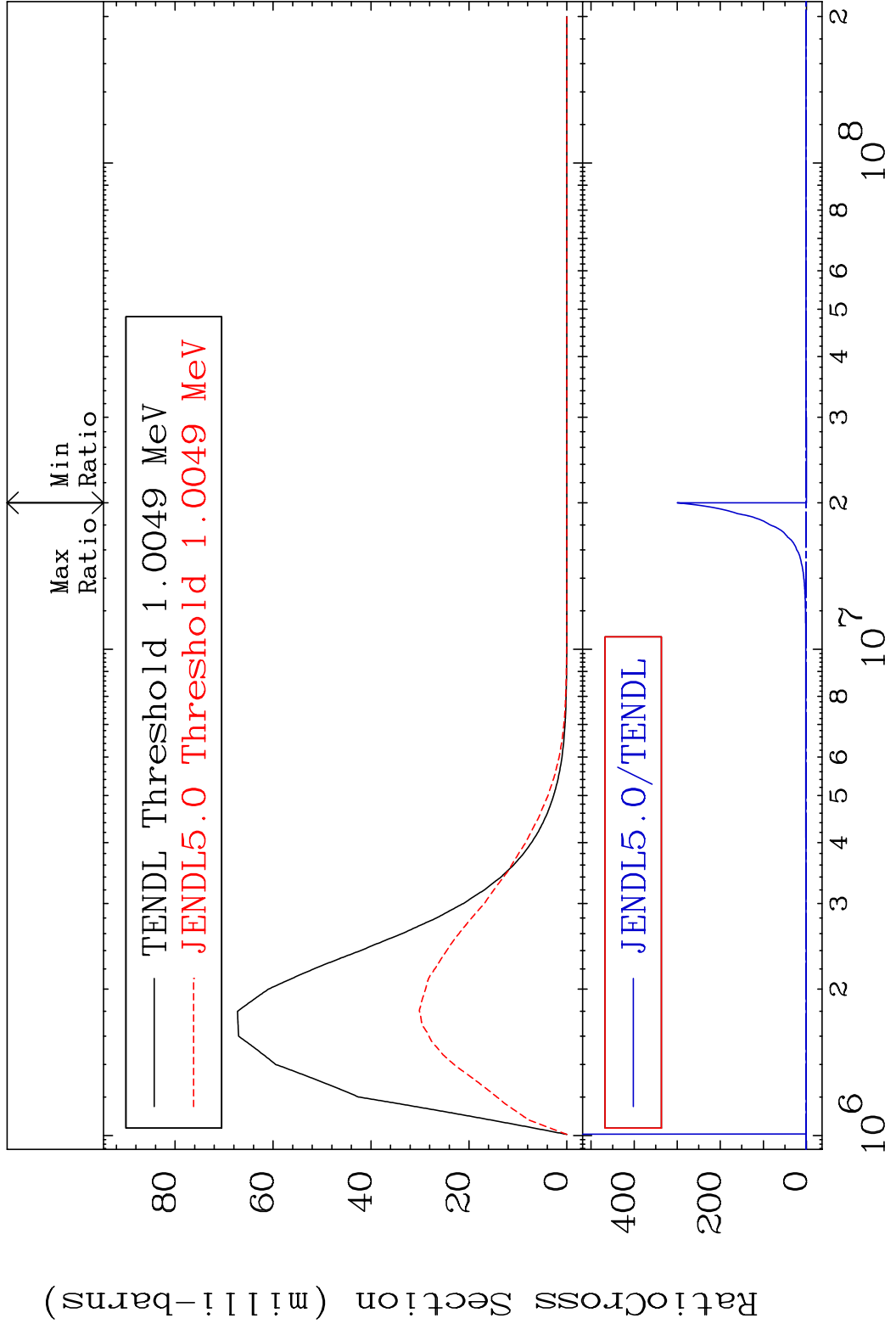
18 Incident Energy (eV) 30-Zn-67

MAT 3034 MT= 58 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 9999. %



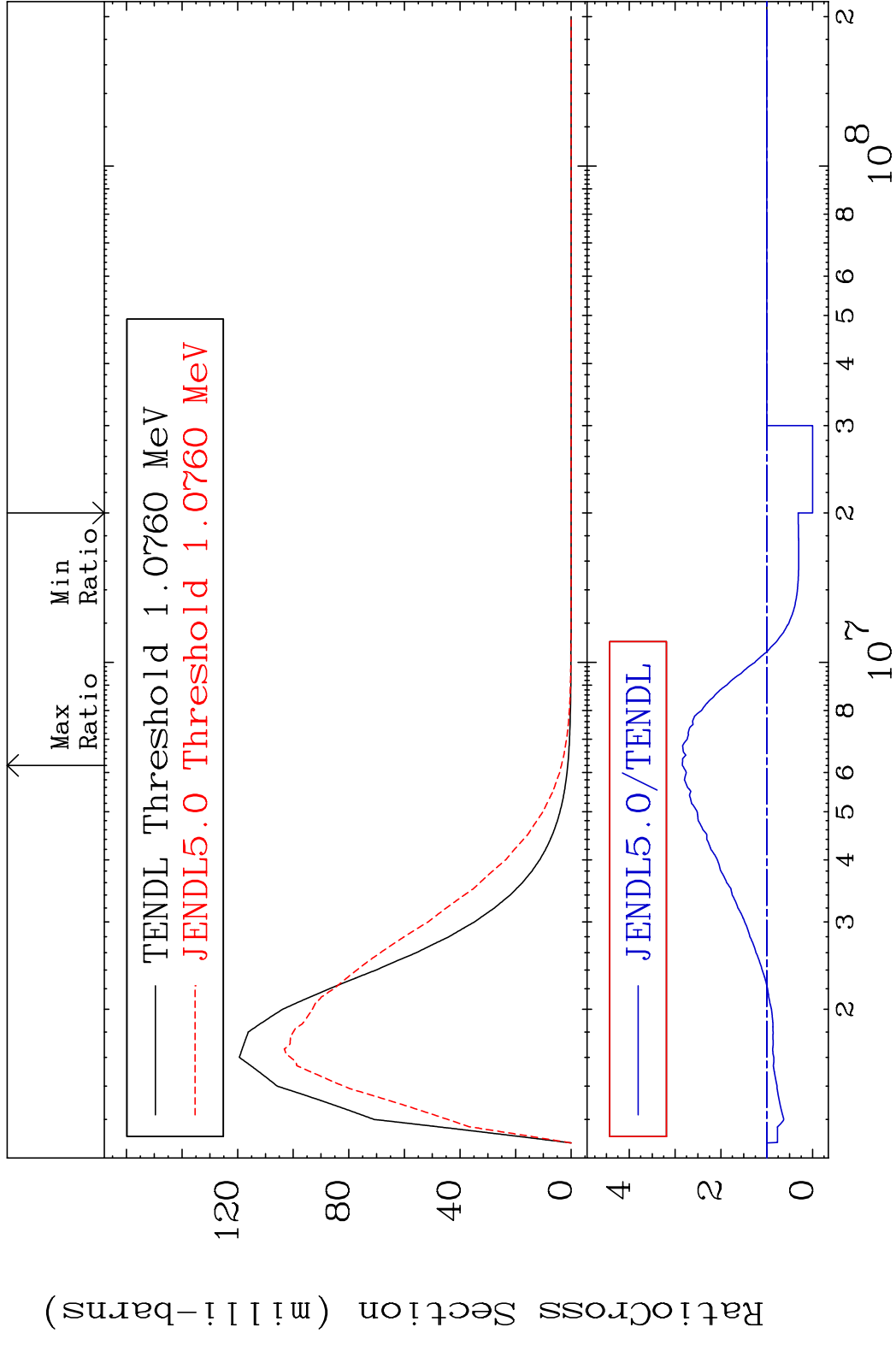
19 30-Zn-67

MAT 3034 MT= 59 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 9999. %

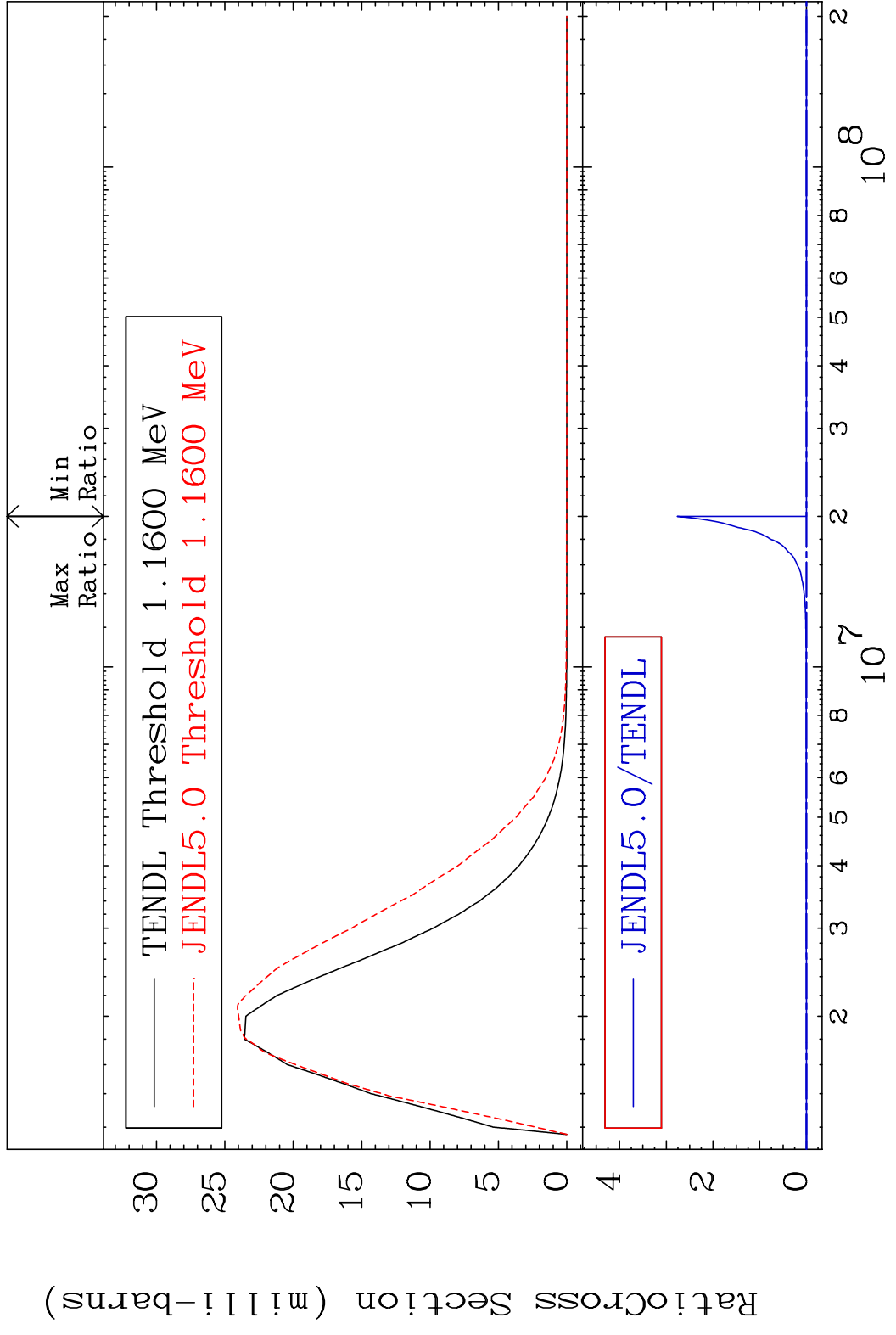


20 2 3 4 5 6 8 10⁸ 2

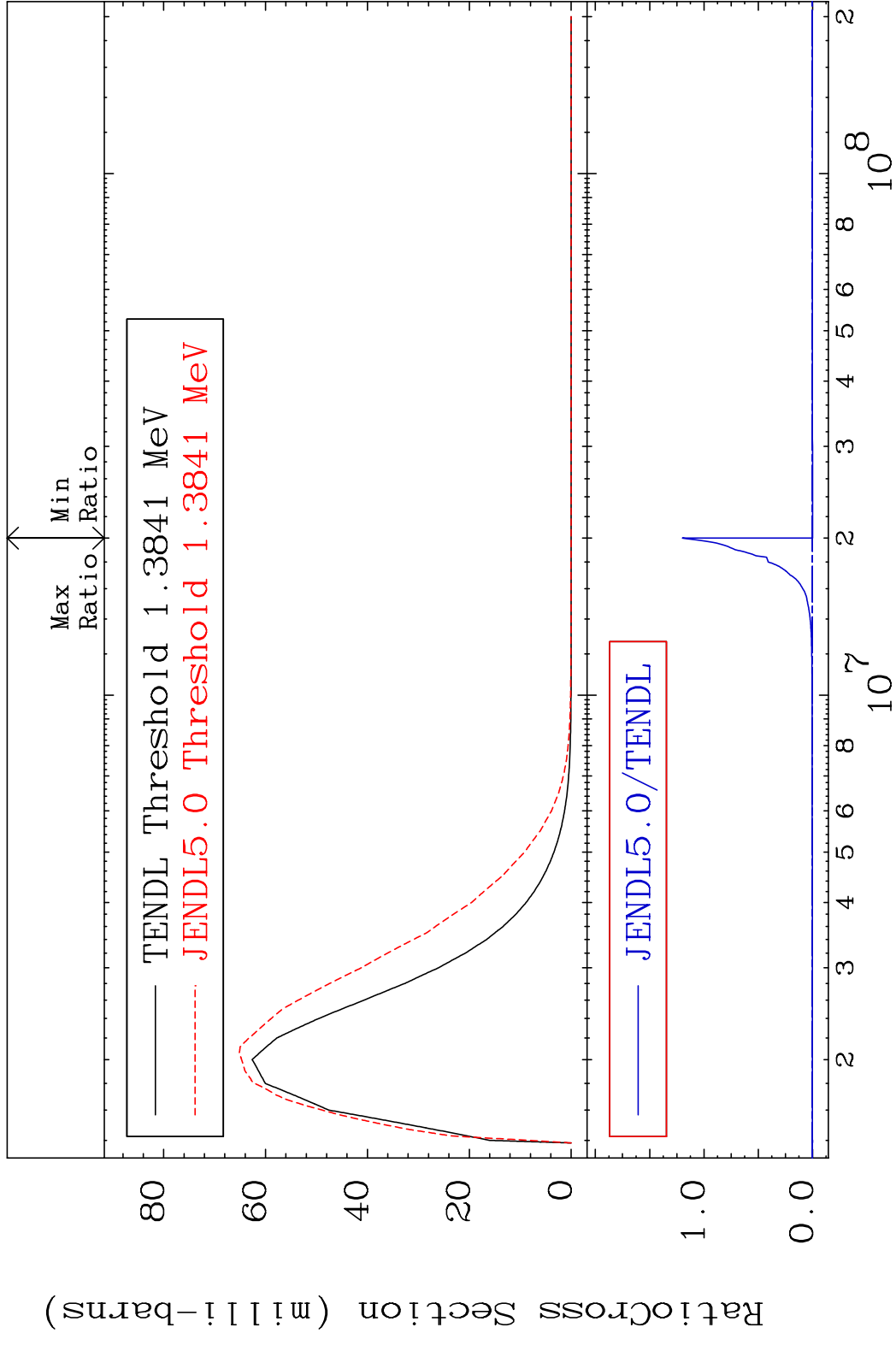
MAT 3034 MT= 60 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 184.2 %



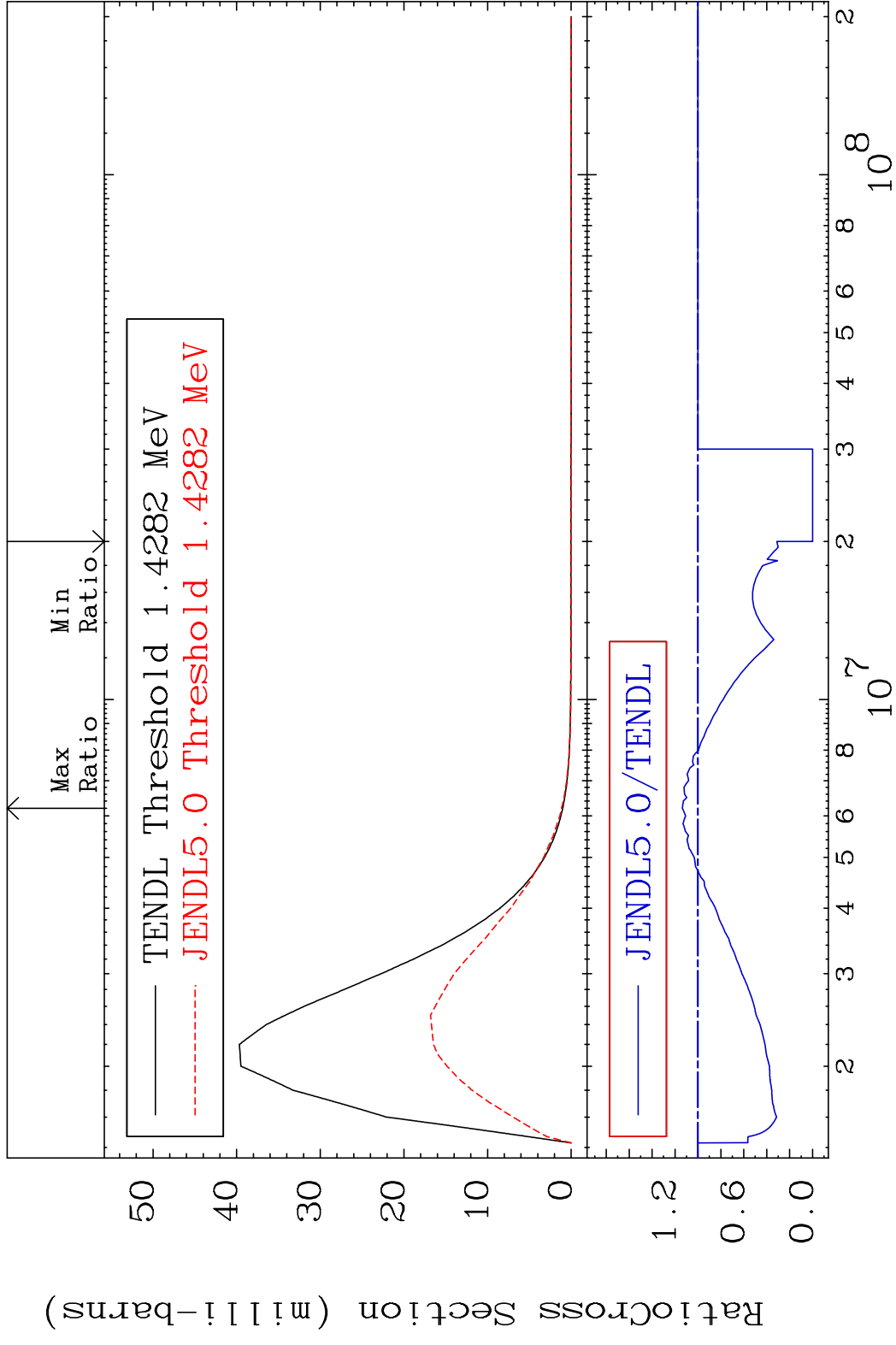
MAT 3034 MT= 61 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 9999. %



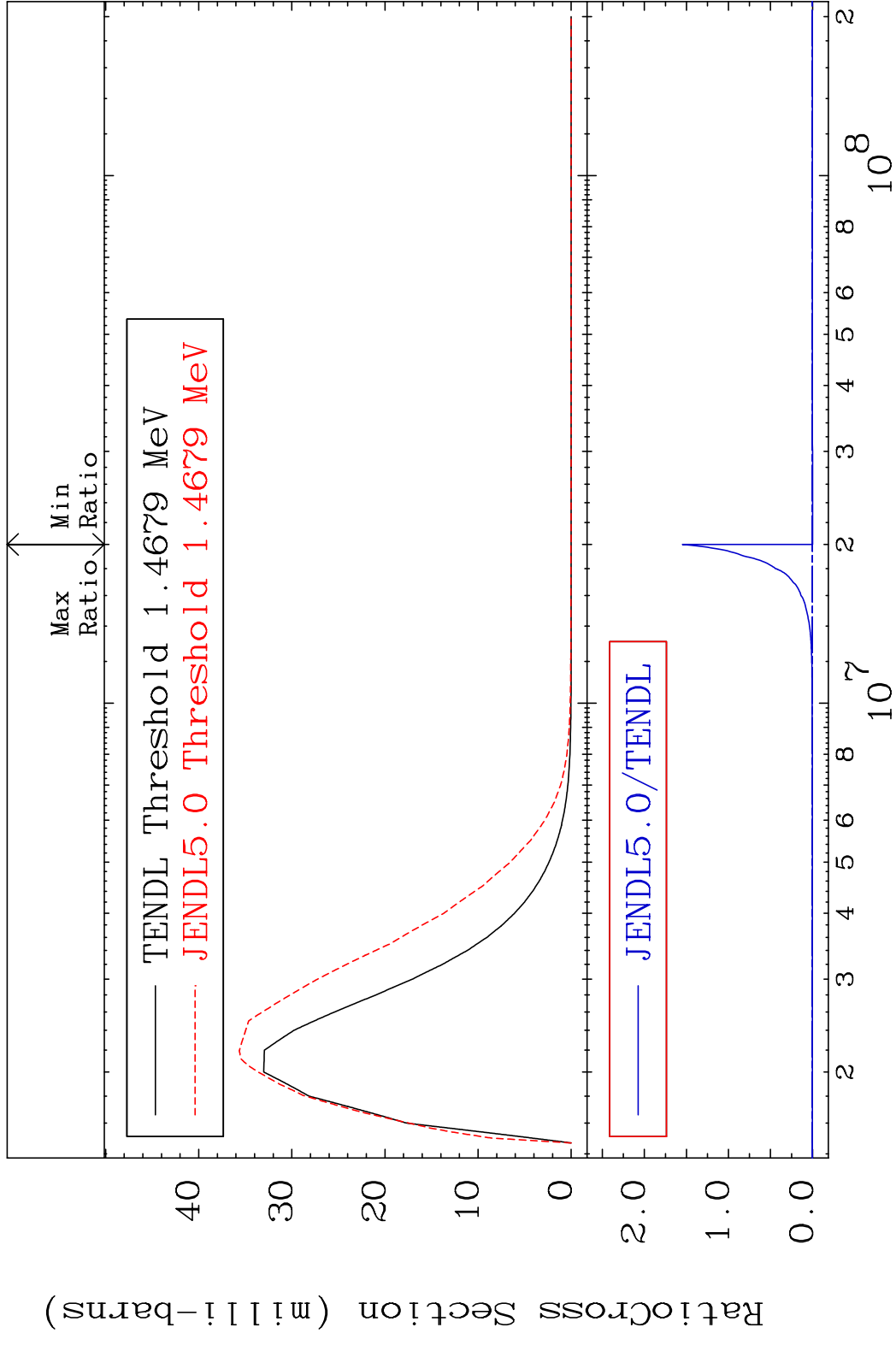
MAT 3034 MT= 62 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 9999. %



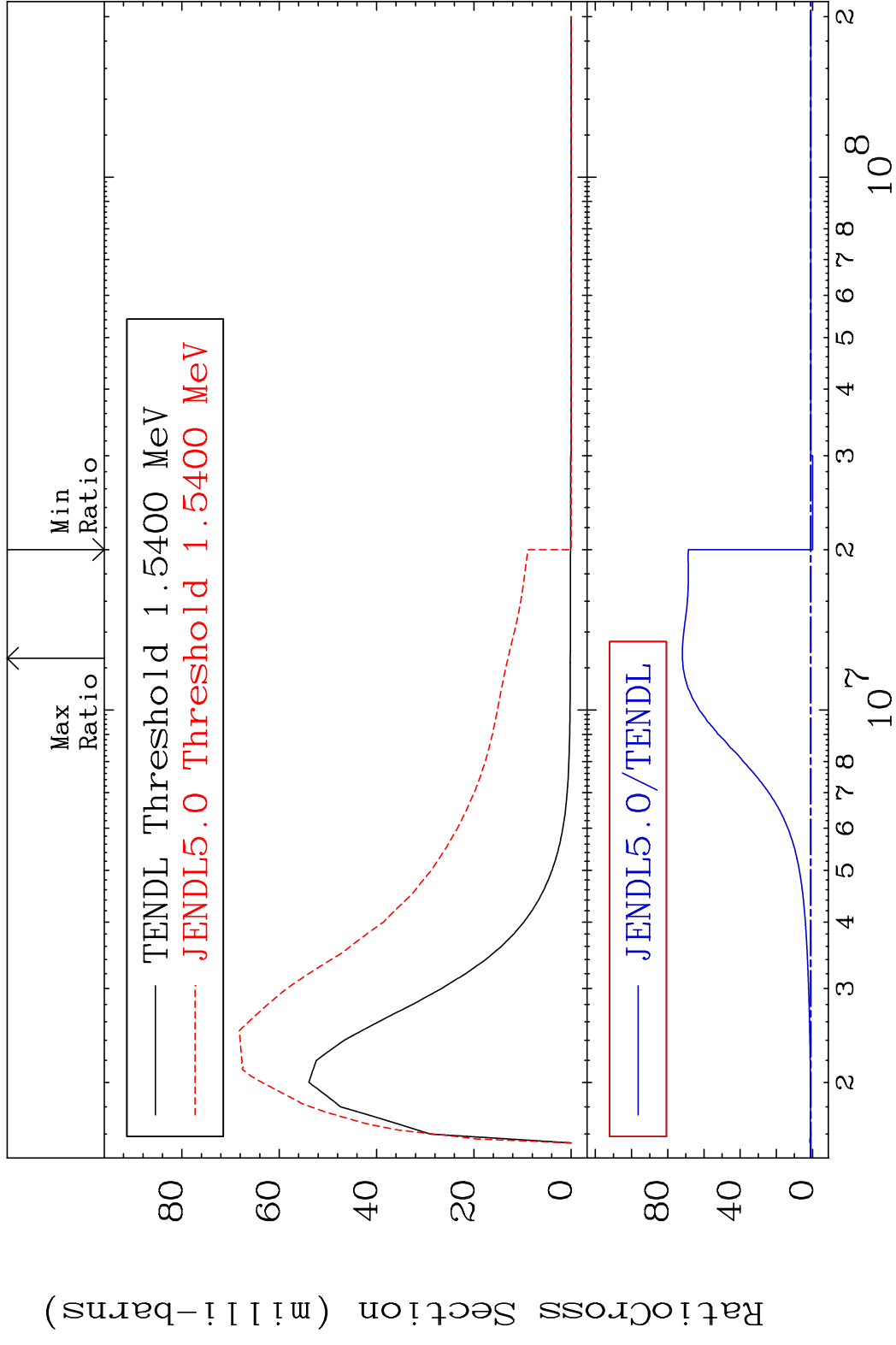
MAT 3034 MT= 63 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 13.59 %



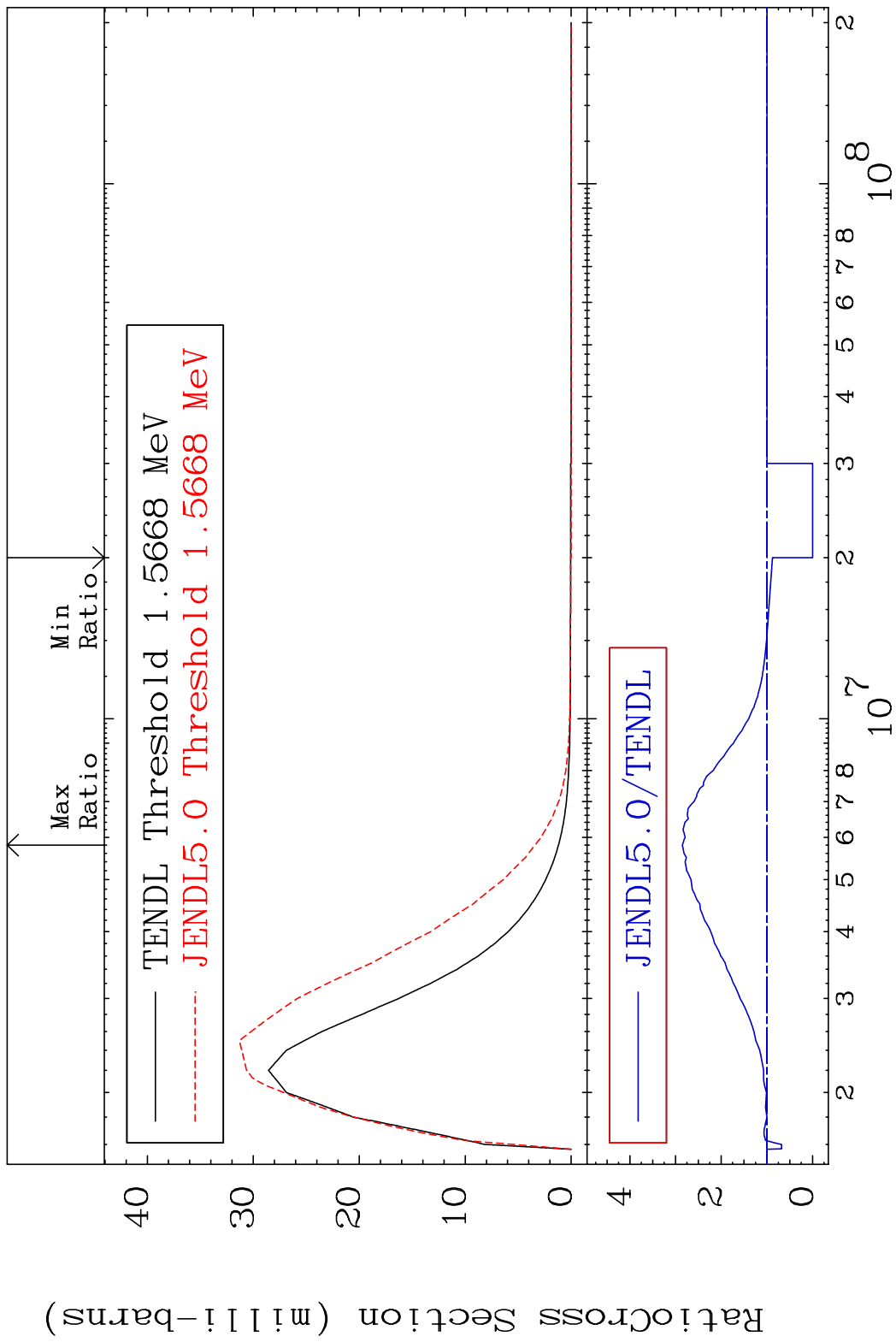
MAT 3034 MT= 64 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 9999. %



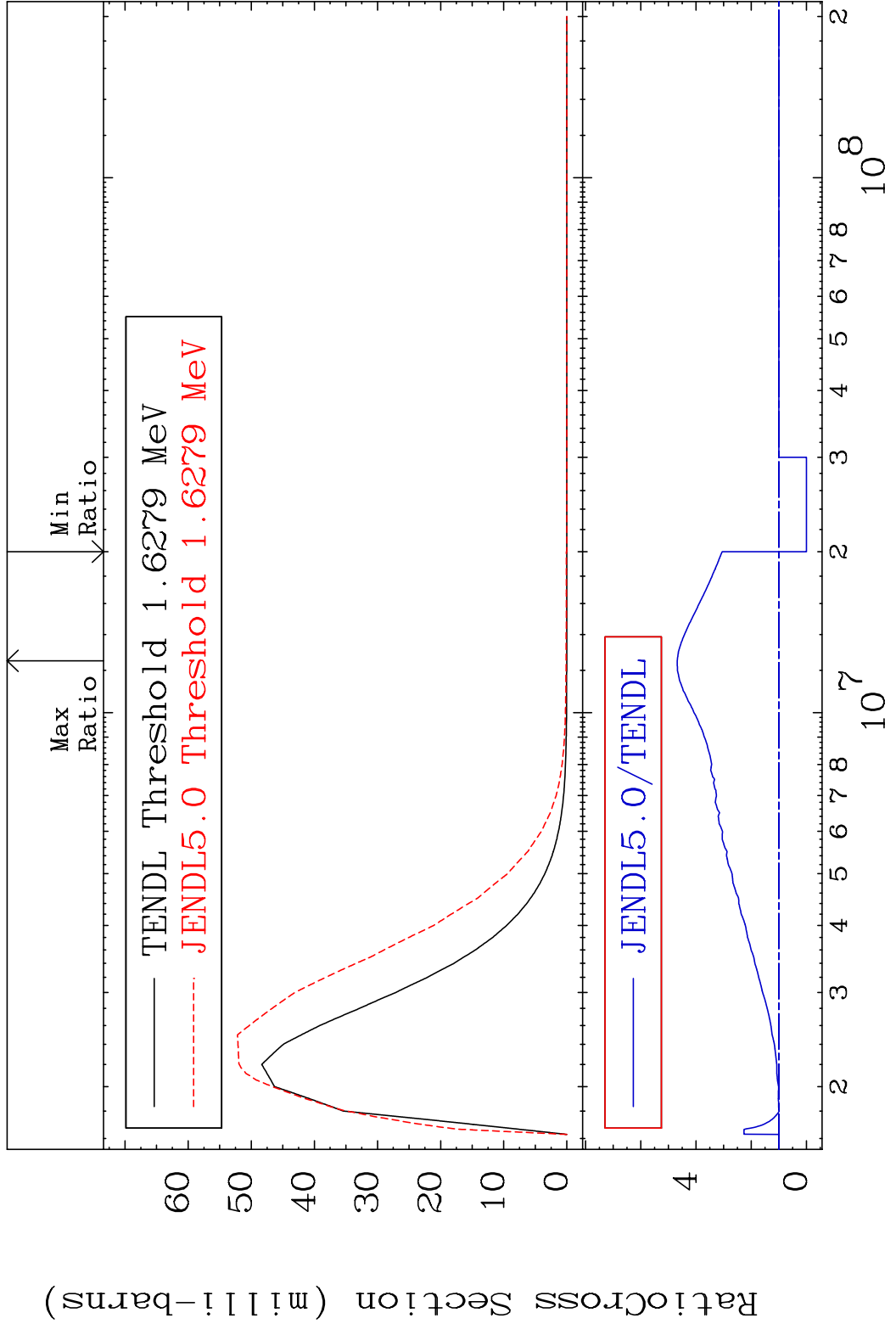
MAT 3034 MT= 65 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 7094. %



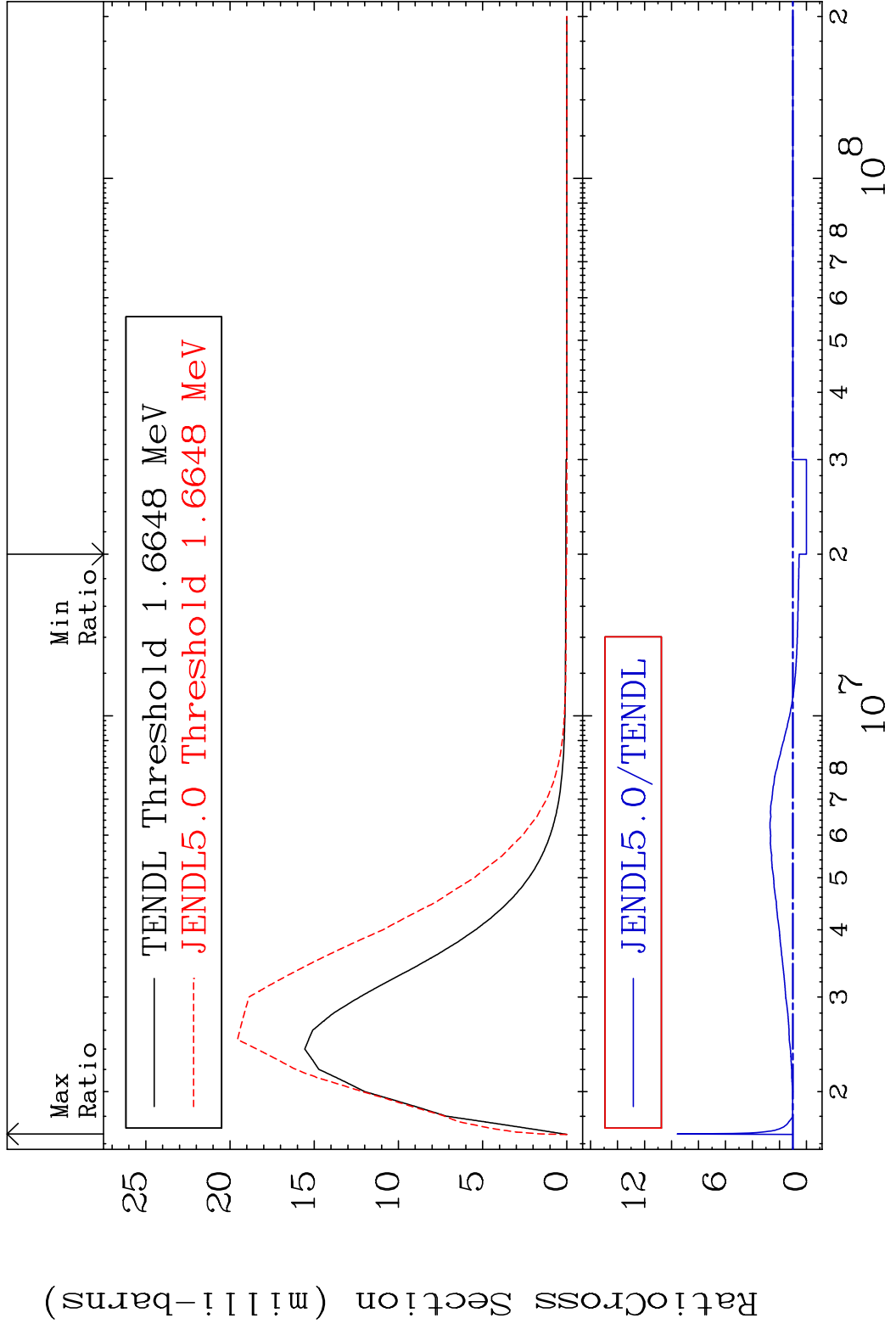
MAT 3034 MT= 66 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 185.2 %



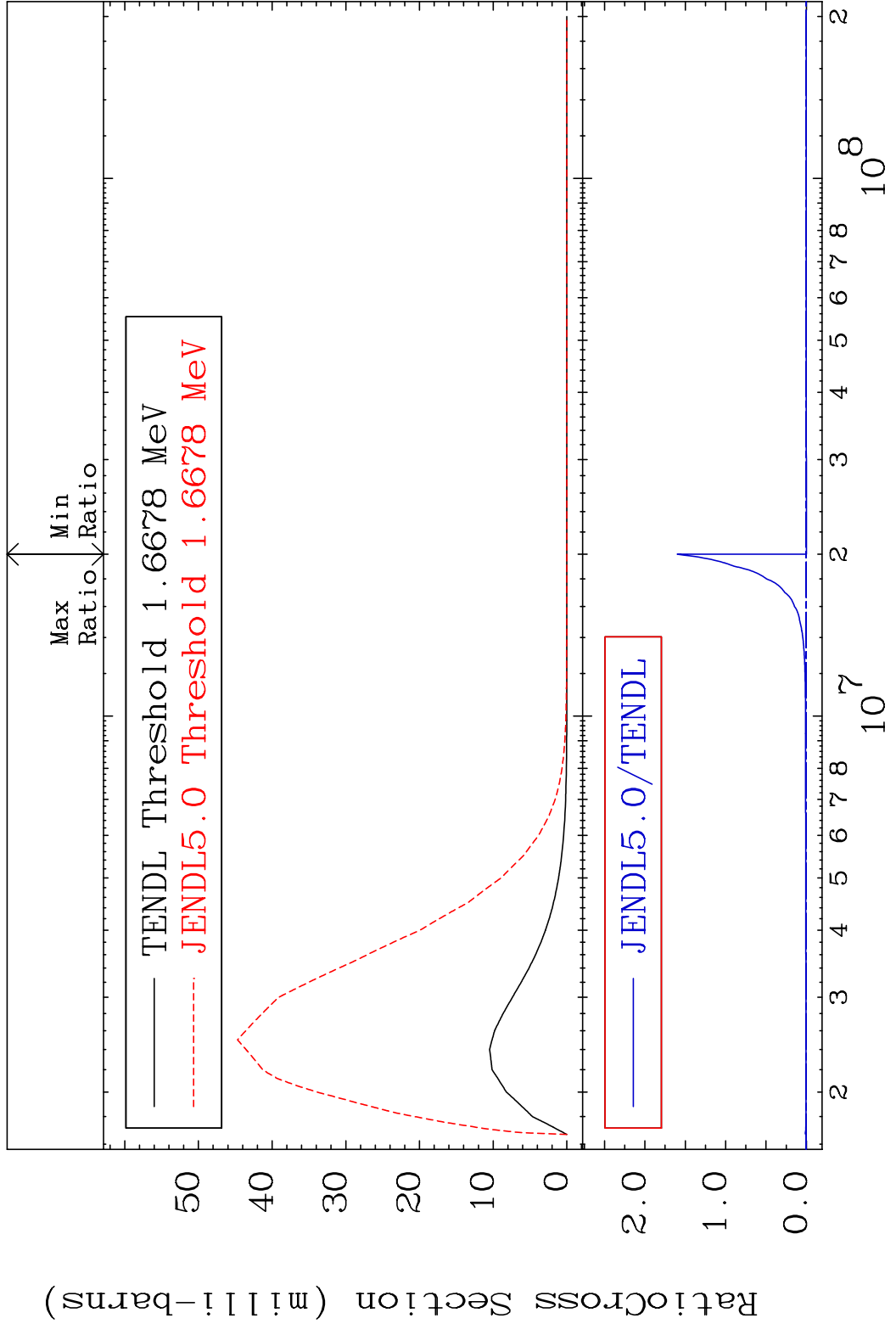
MAT 3034 MT= 67 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 367.9 %



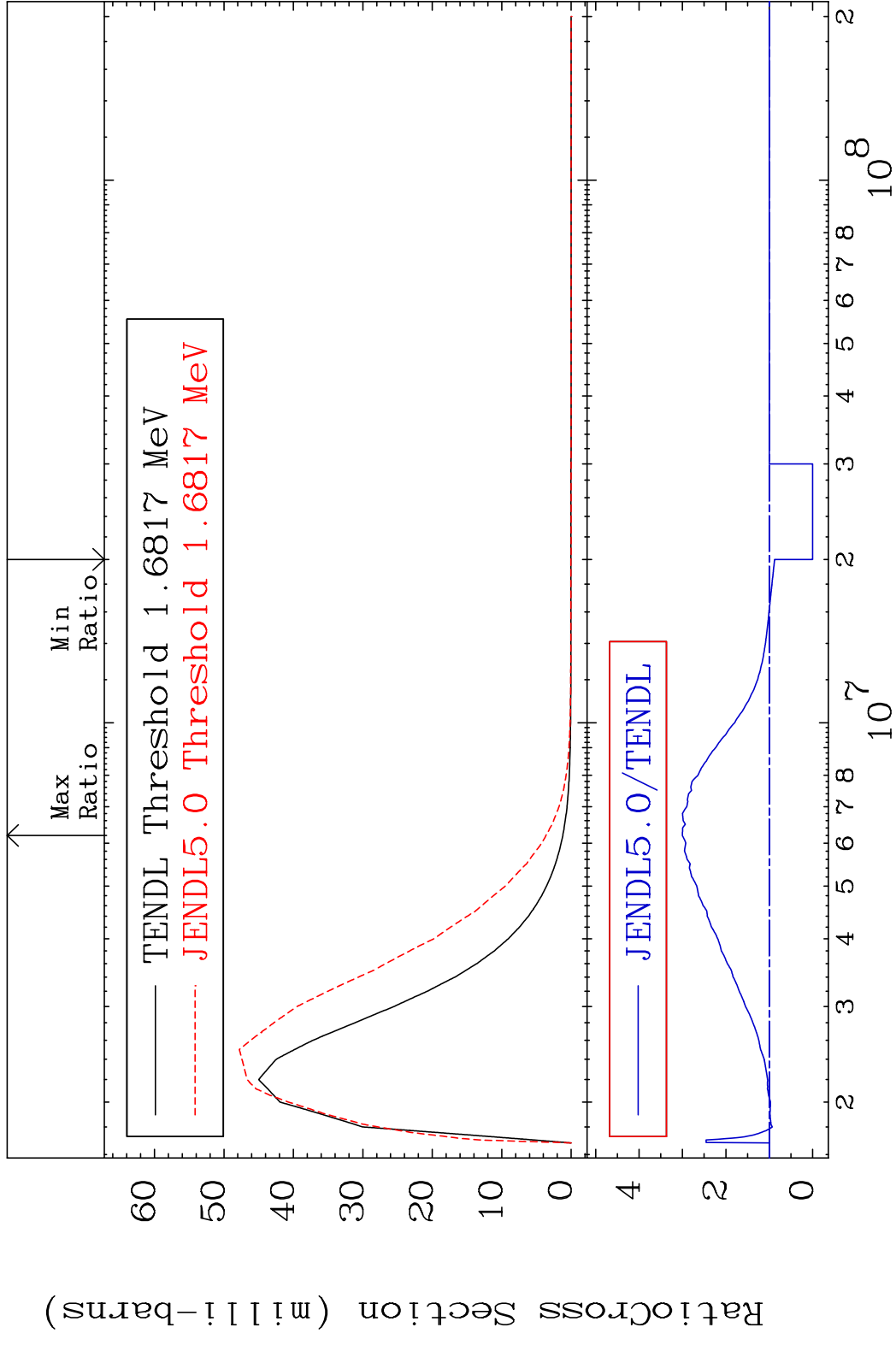
MAT 3034 MT= 68 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 858.0 %



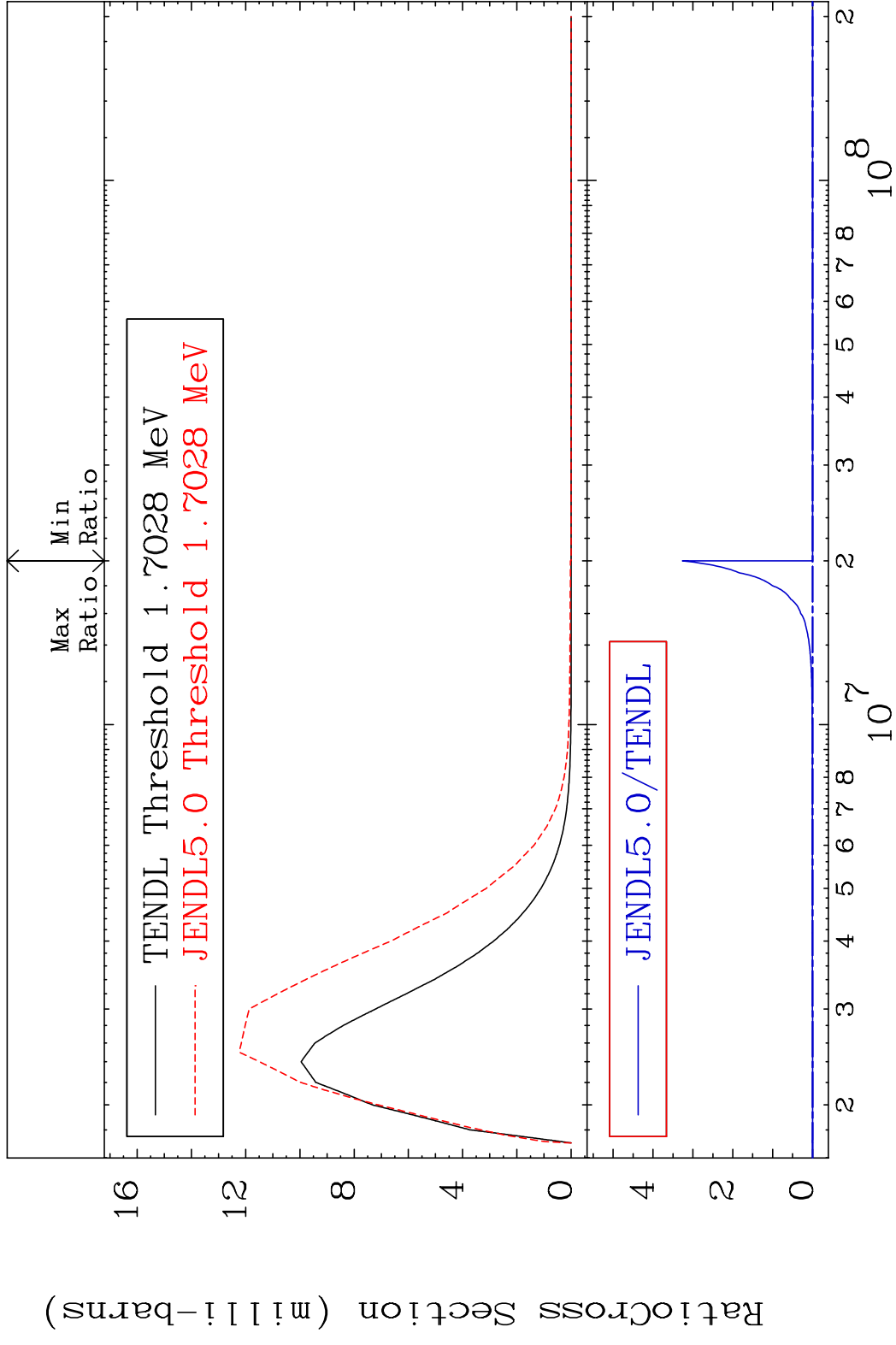
MAT 3034 MT= 69 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 9999. %



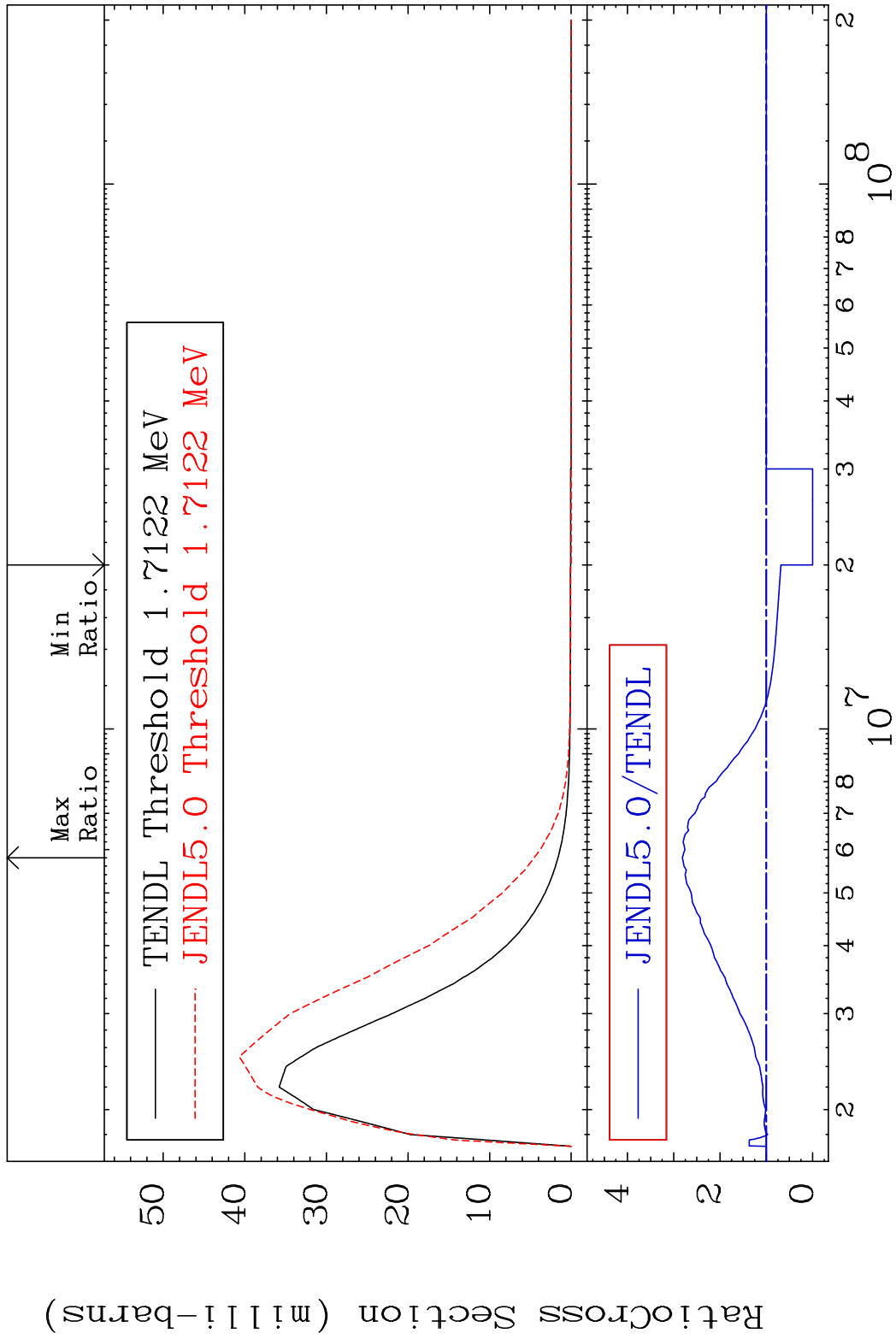
MAT 3034 MT= 70 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 200.3 %



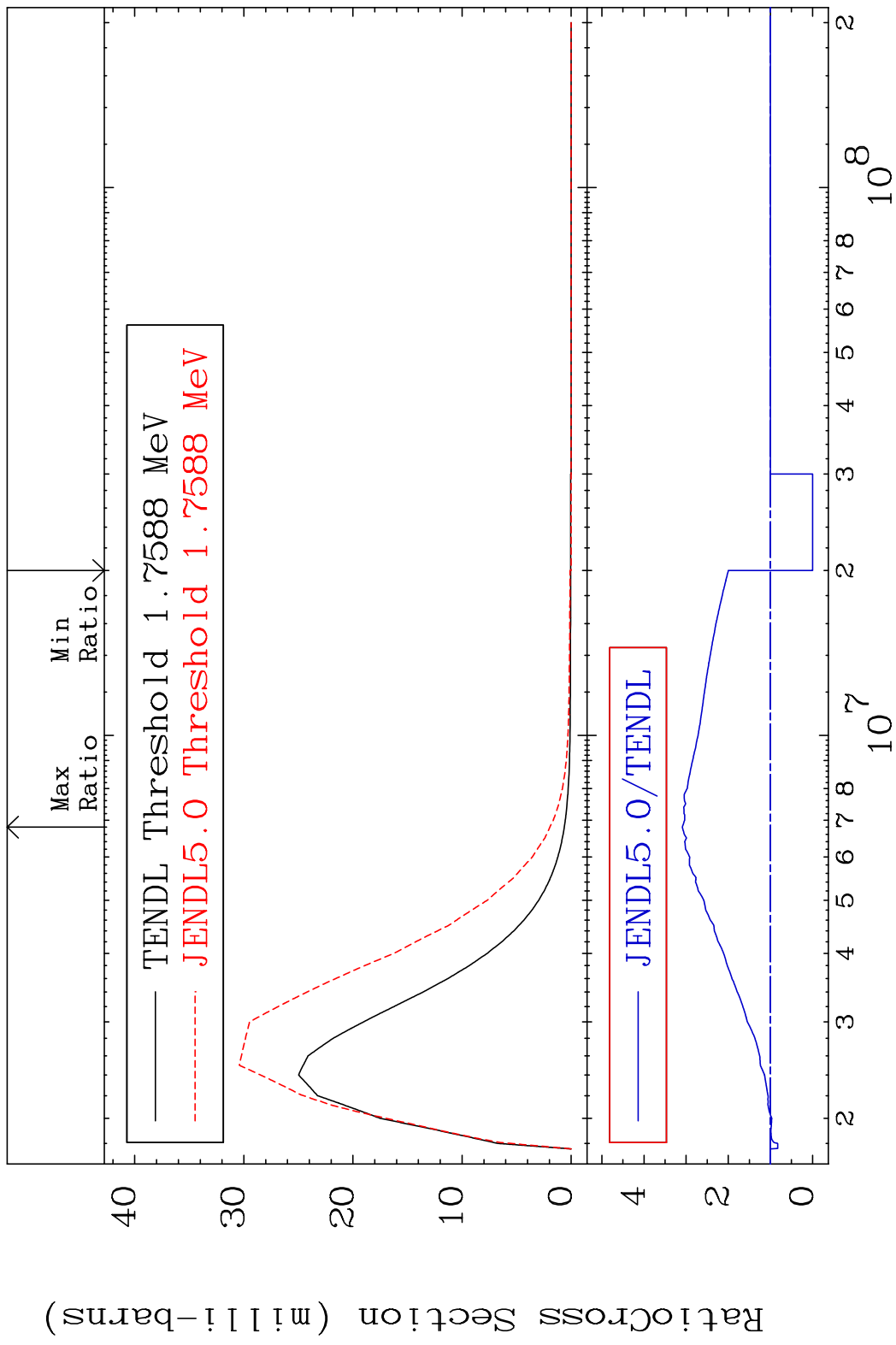
MAT 3034 MT= 71 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 9999. %



MAT 3034 MT= 72 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 181.3 %

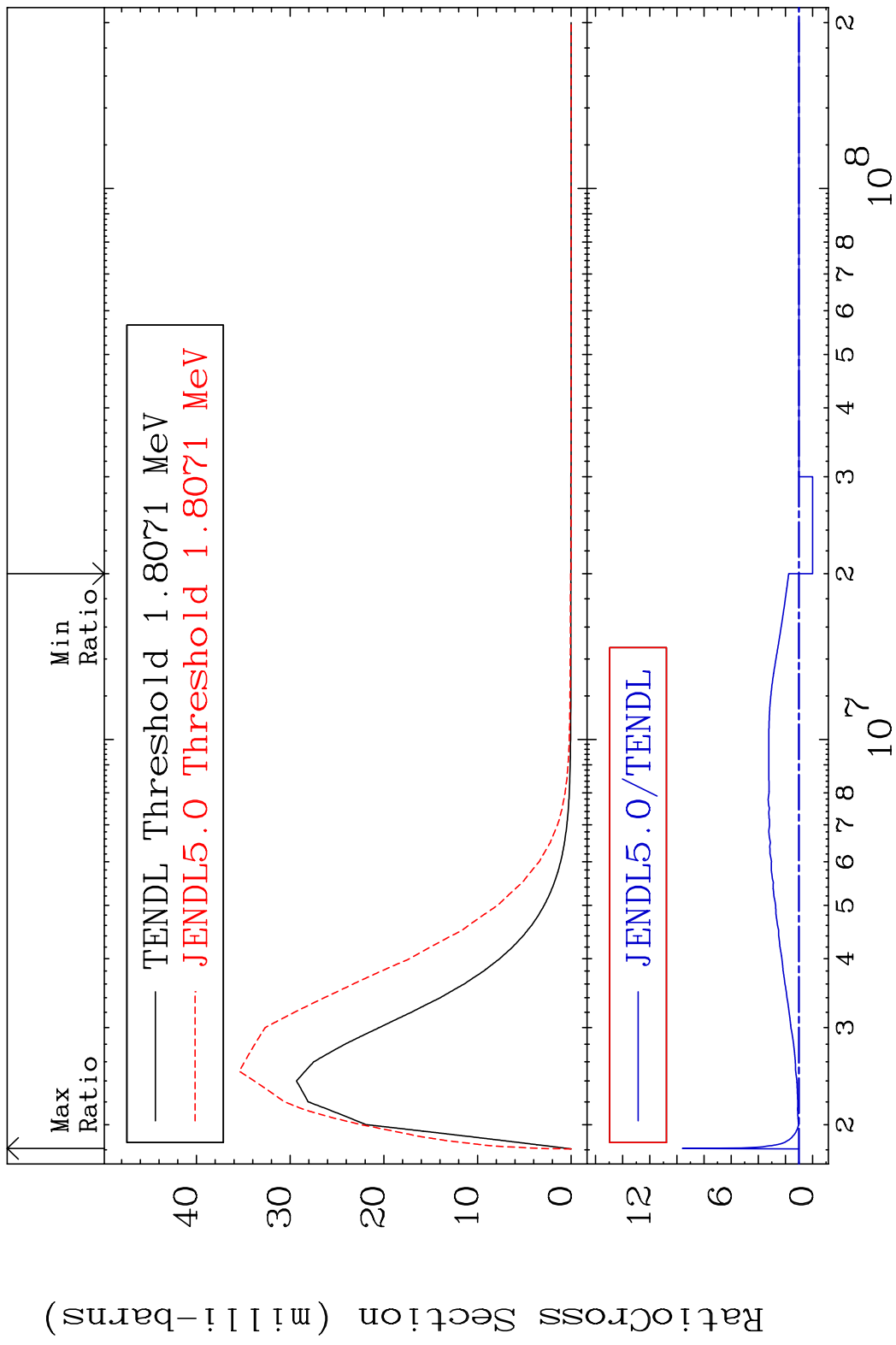


MAT 3034 MT= 73 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 209.0 %



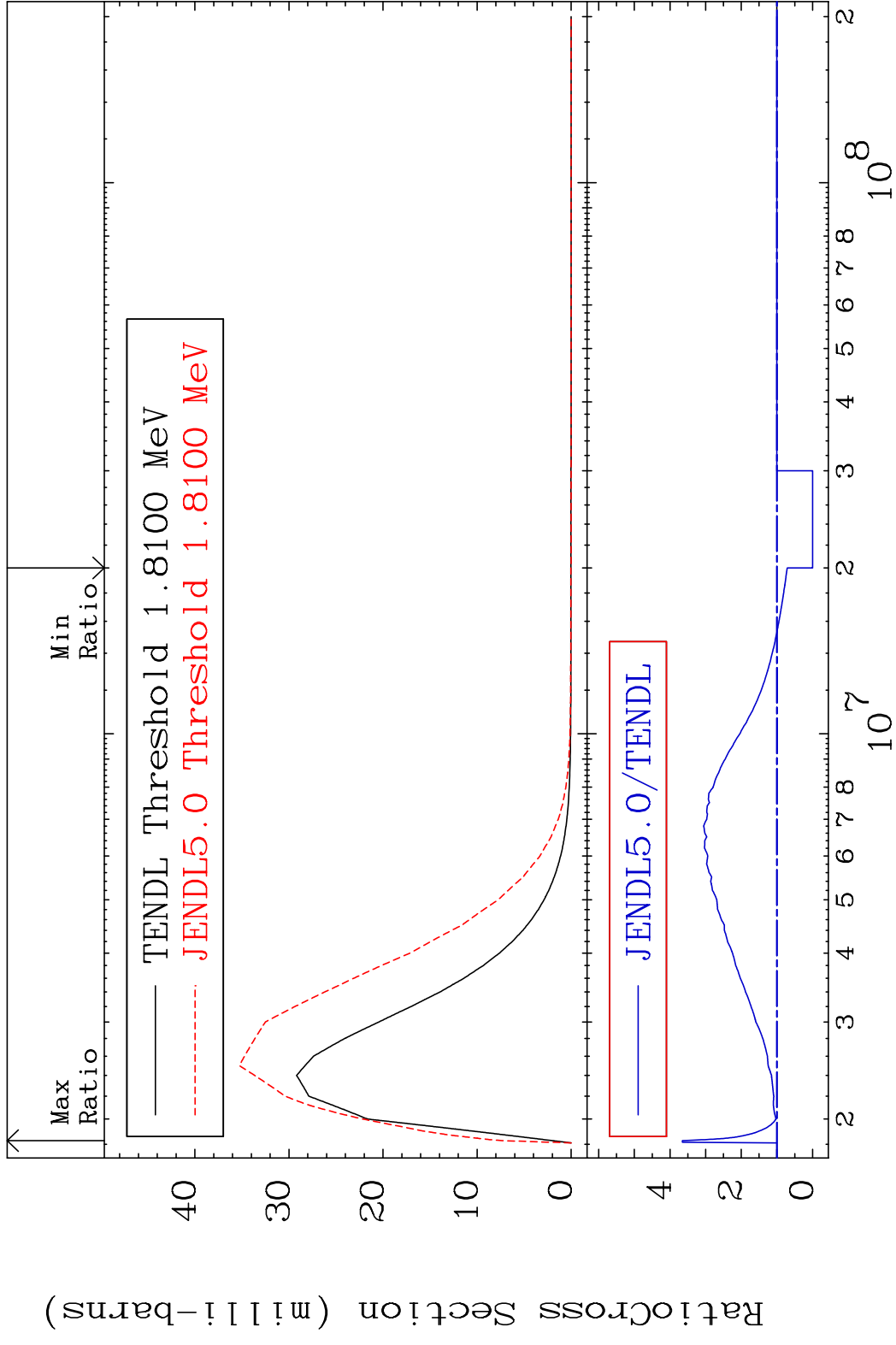
34 Incident Energy (eV) 30-Zn-67

MAT 3034 MT= 74 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 859.9 %

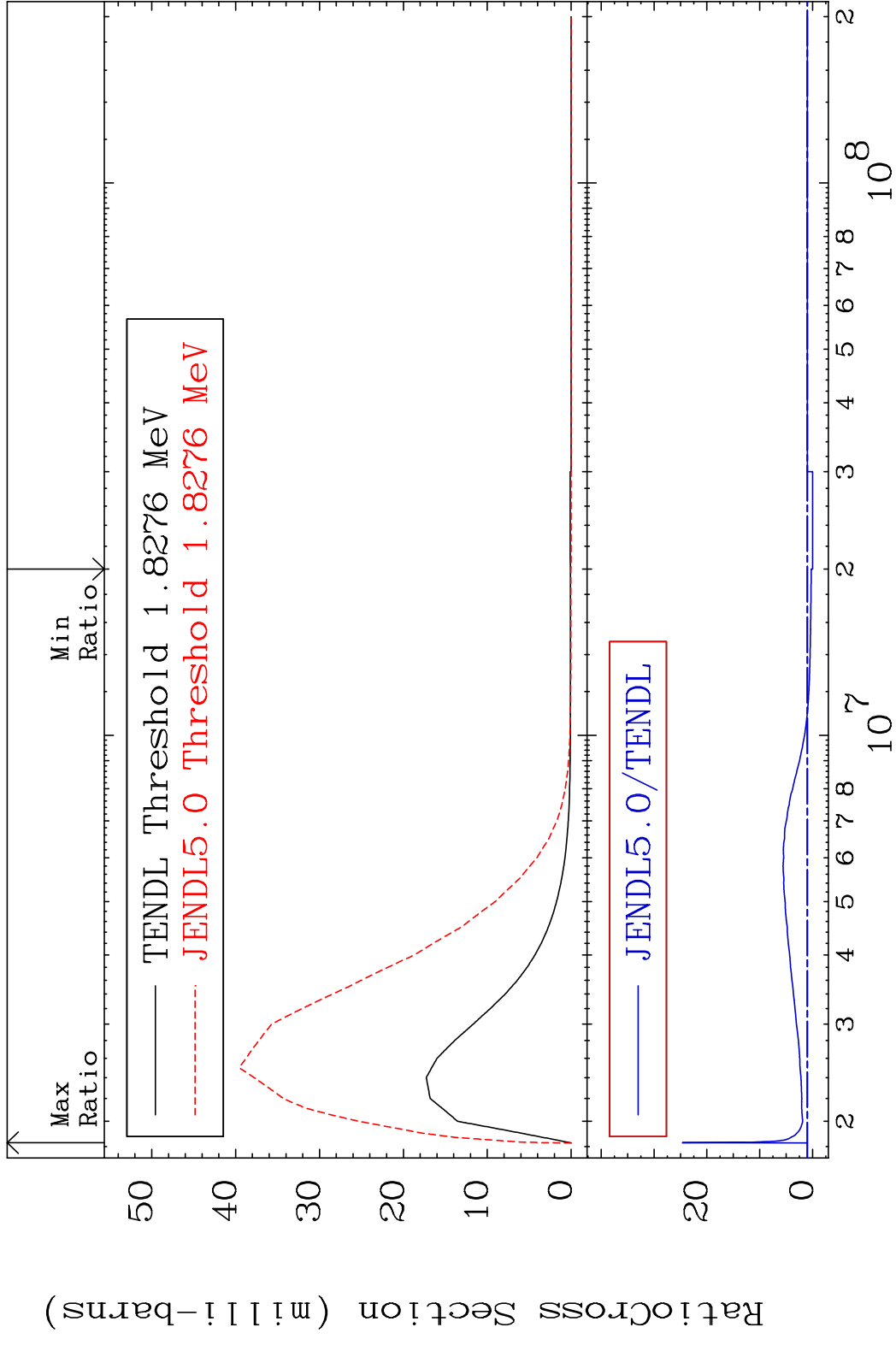


35 30-Zn-67

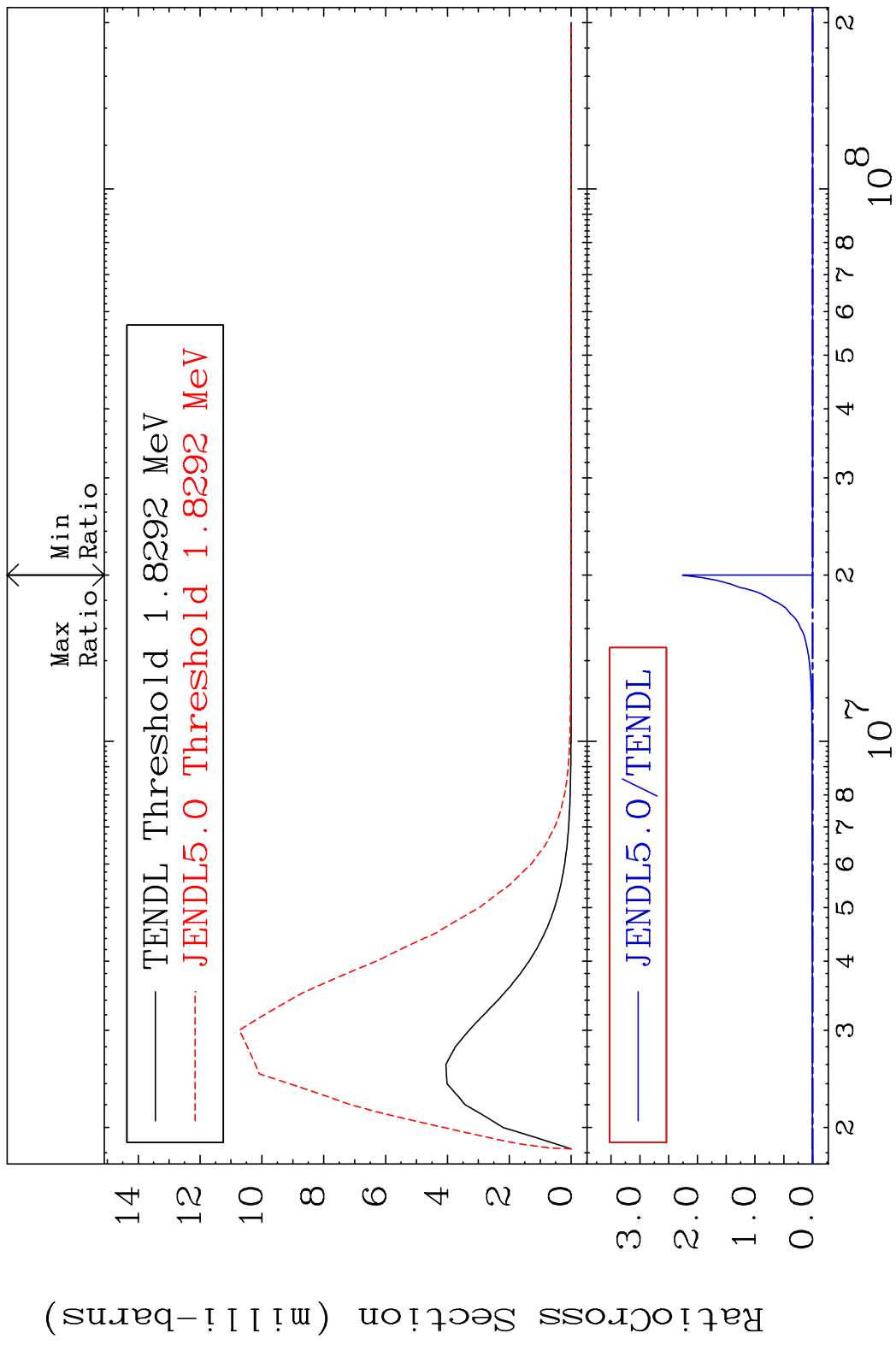
MAT 3034 MT= 75 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 265.3 %



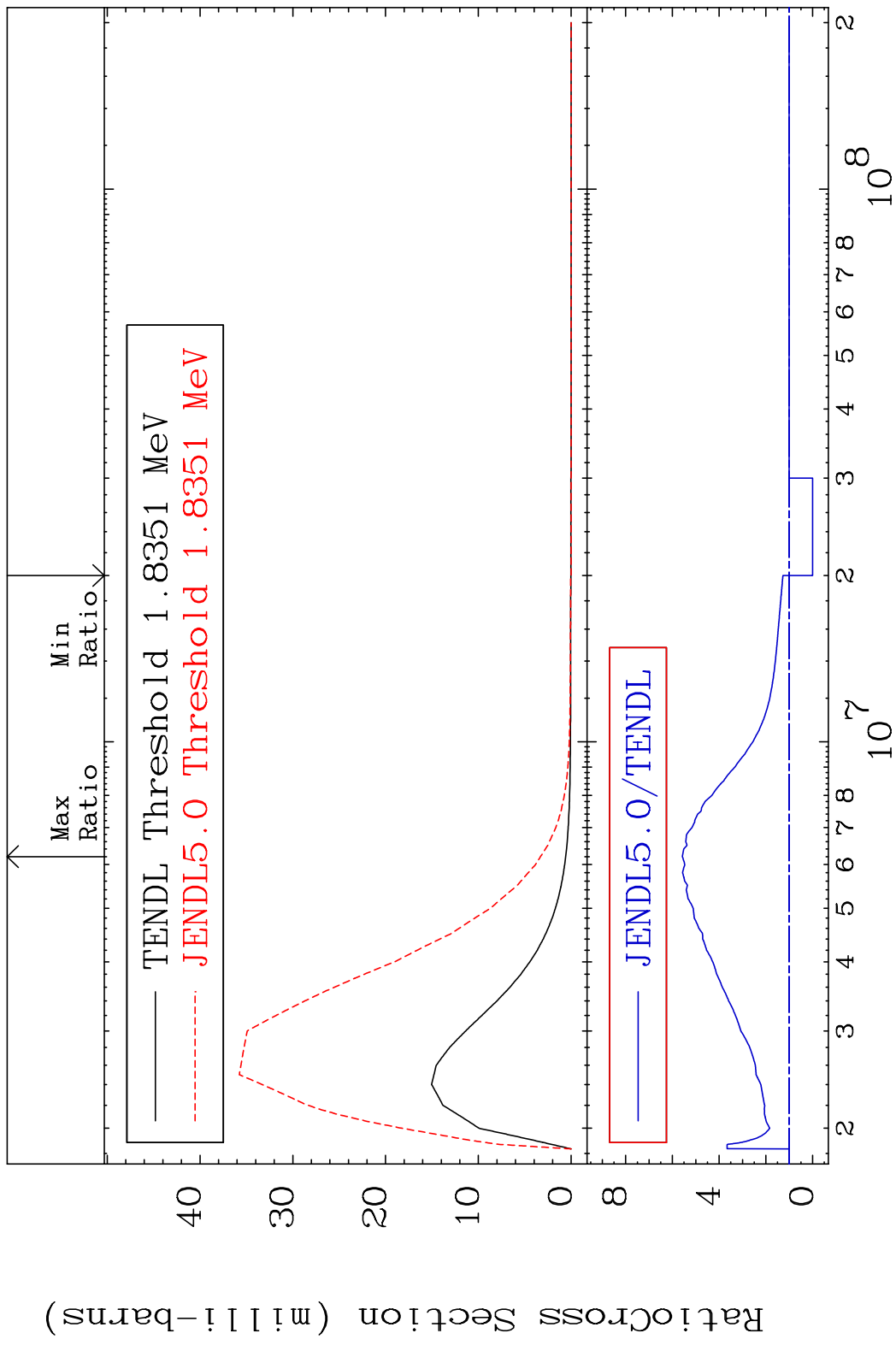
MAT 3034 MT= 76 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 2365. %



MAT 3034 MT= 77 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 9999. %

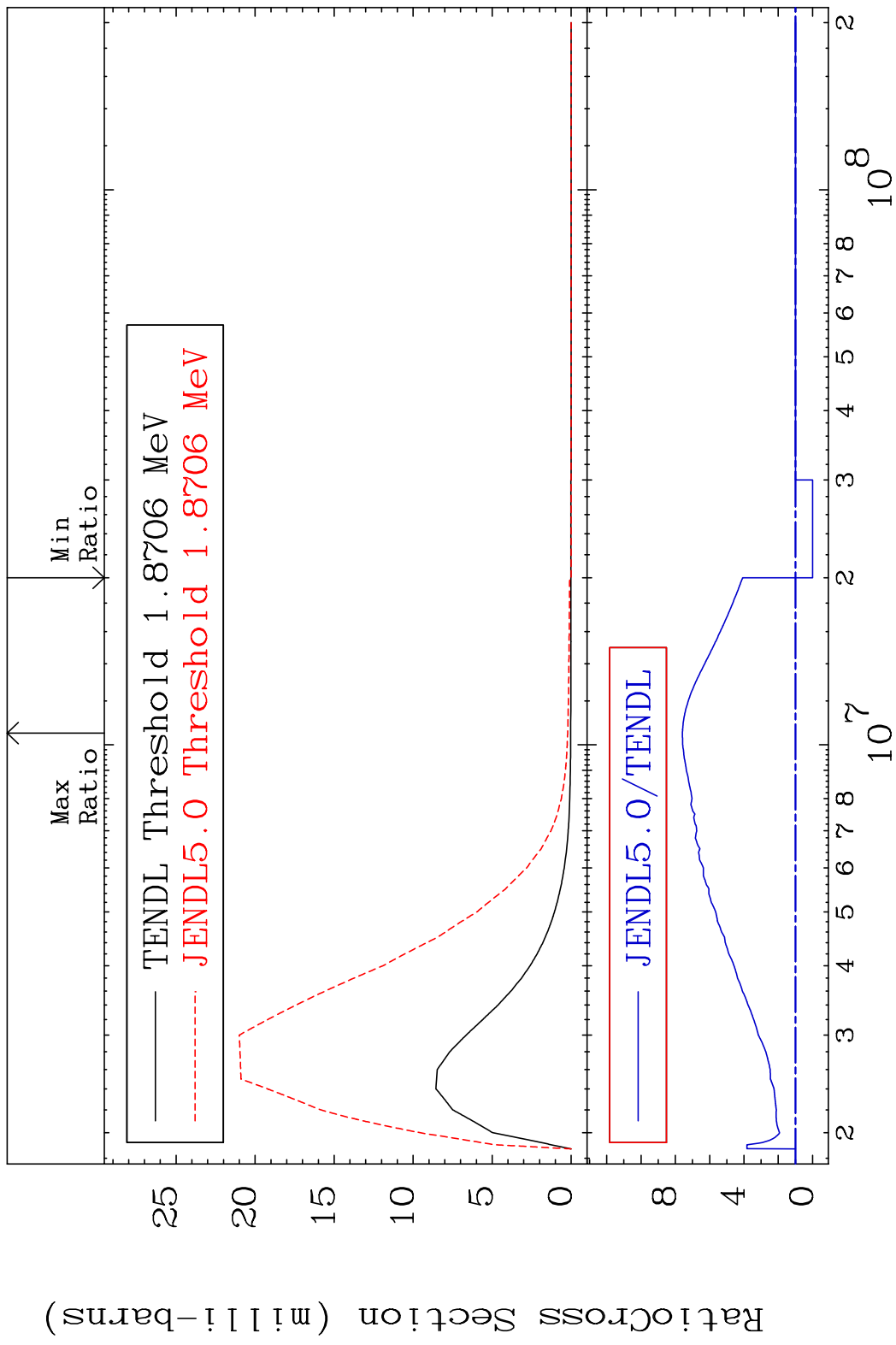


MAT 3034 MT= 78 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 457.5 %



39 30-Zn-67

MAT 3034 MT= 79 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 659.1 %

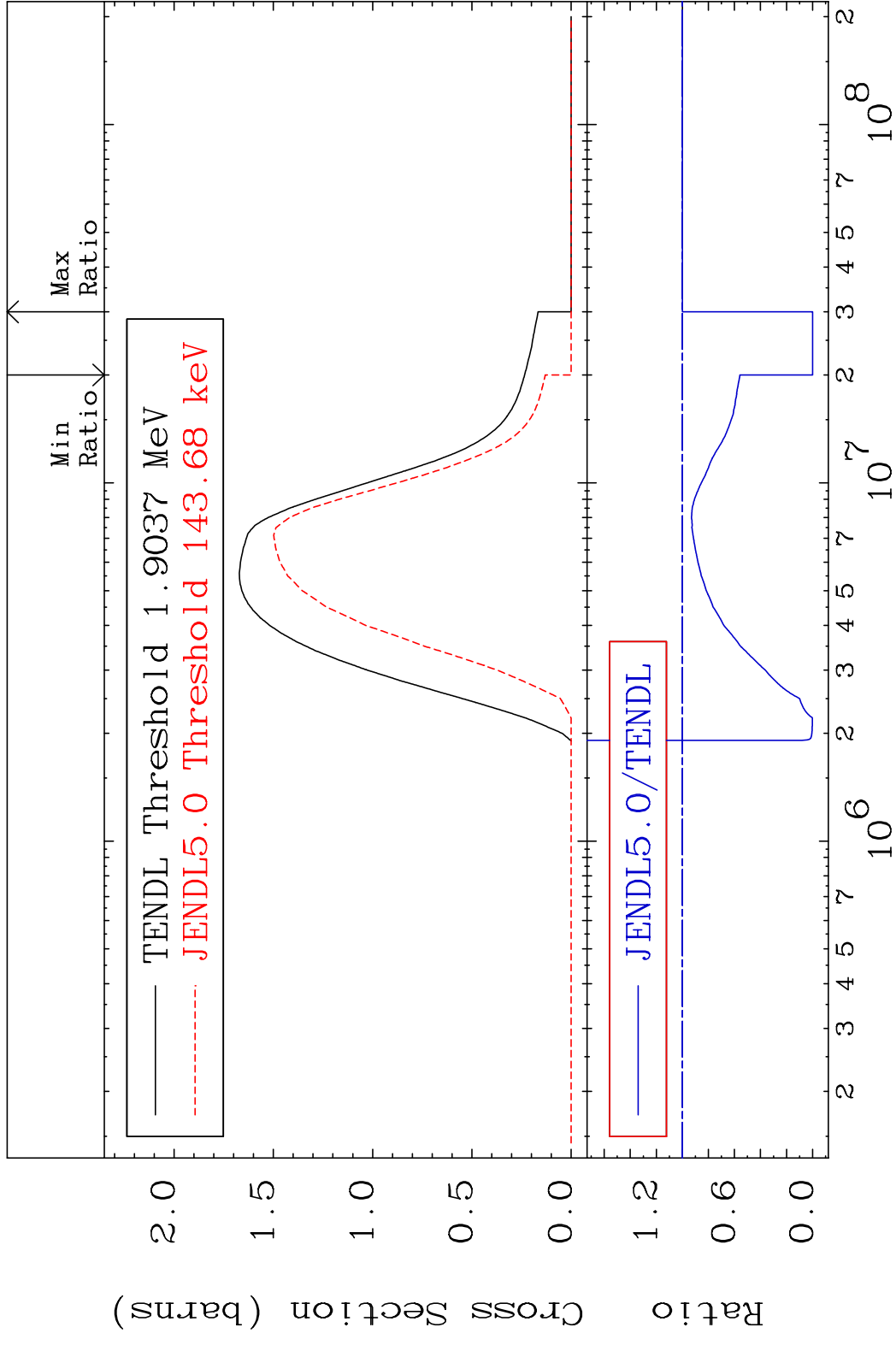


40

Incident Energy (eV)

30-Zn-67

MAT 3034 (n,n') Continuum 30-Zn-67
 Cross Section -100.0 To 0.000 %

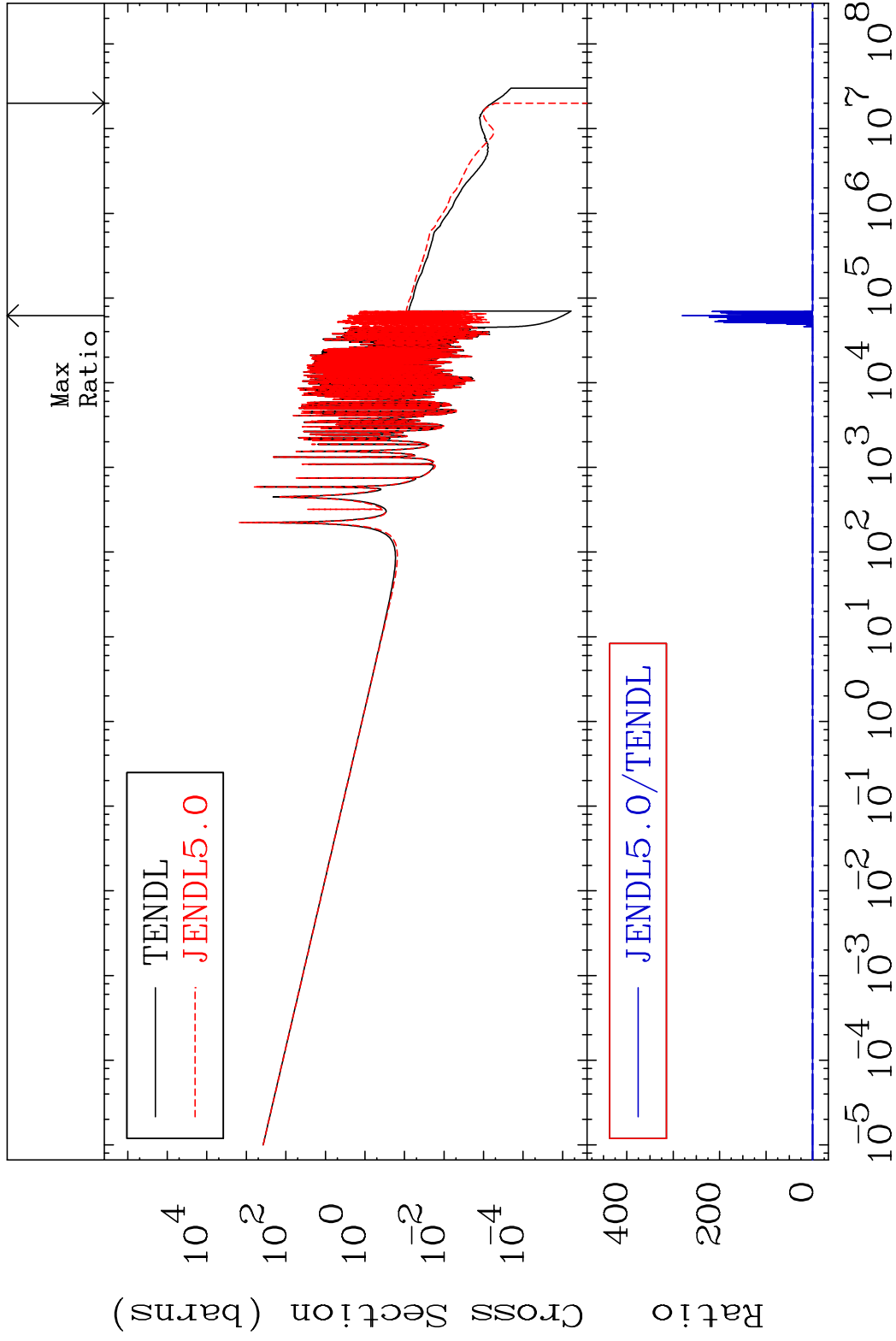


MAT 3034

(n, γ)

30-Zn-67

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

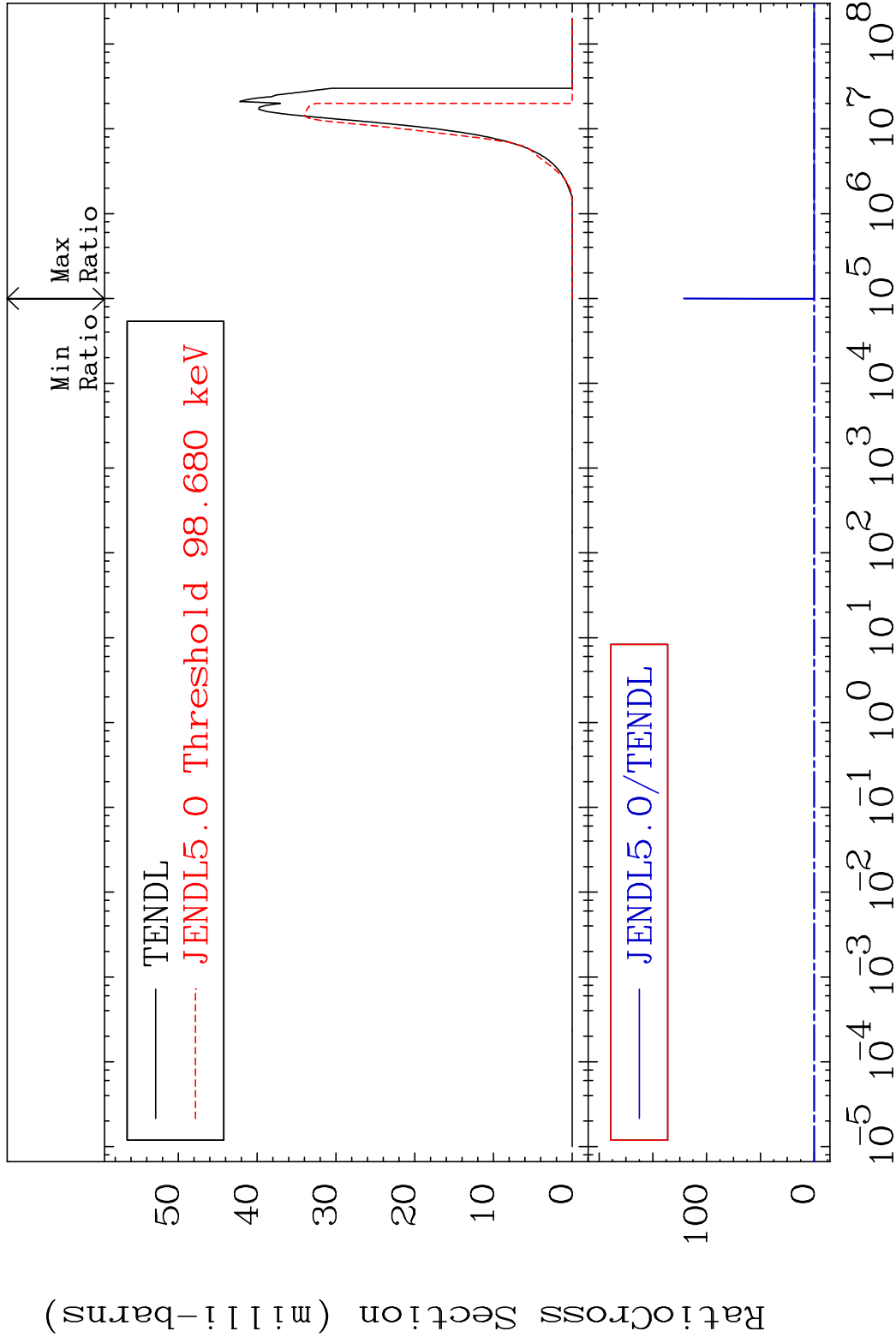
30-Zn-67

MAT 3034

(n, p)

30-Zn-67

Cross Section -100.0 To 9999. %

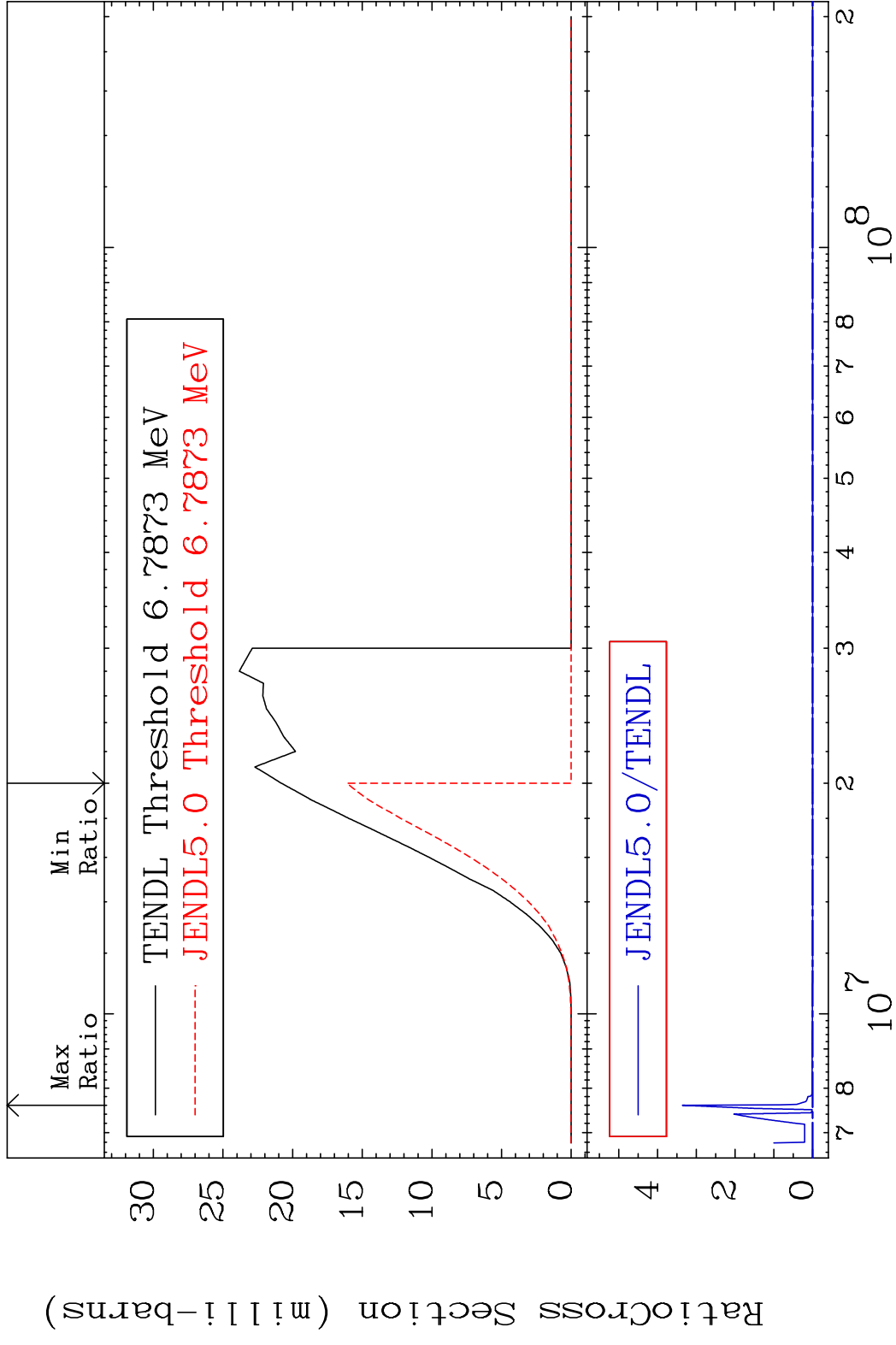


44

Incident Energy (eV)

30-Zn-67

MAT 3034 (n,d) 30-Zn-67
 Cross Section -100.0 To 9999. %



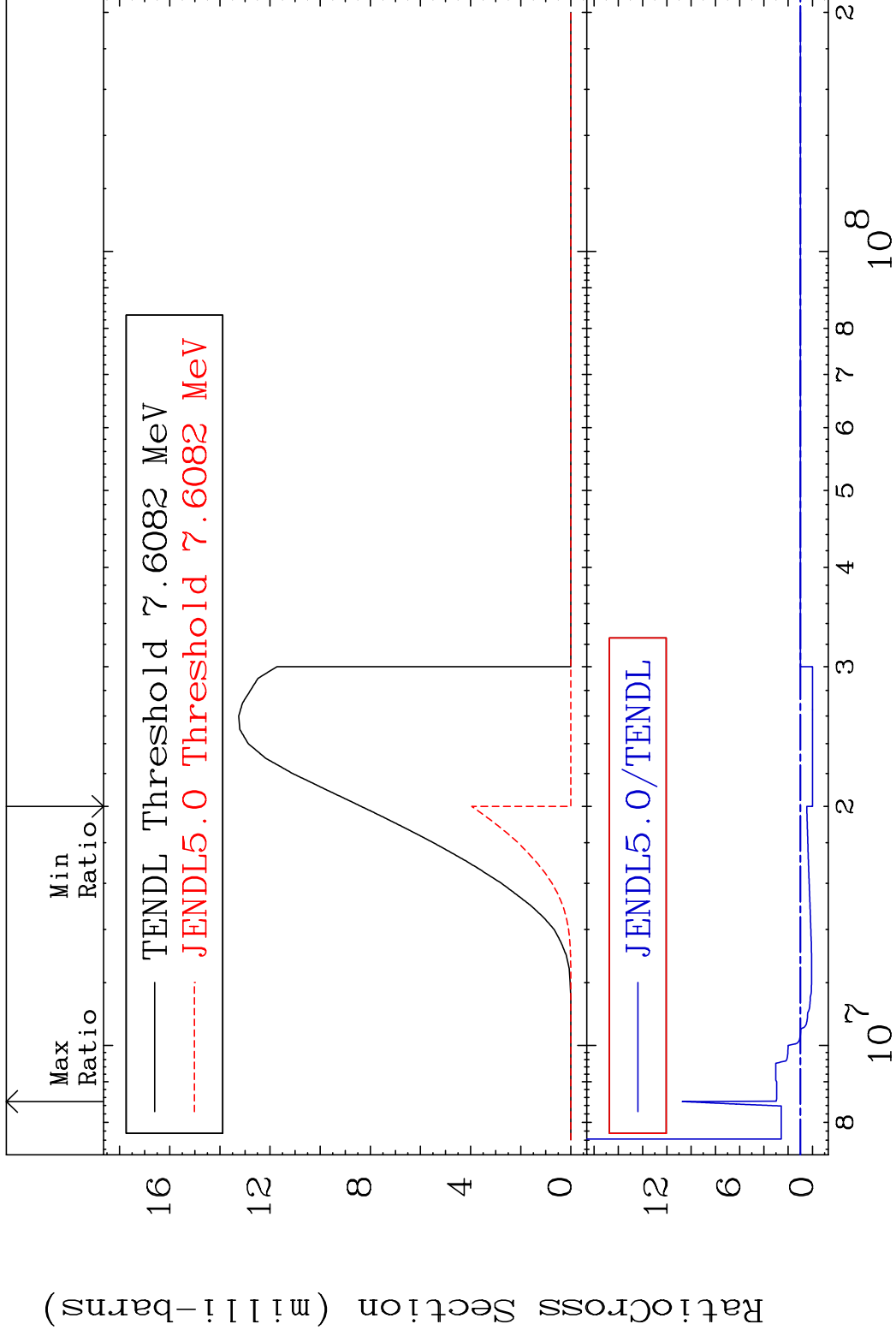
45 30-Zn-67

MAT 3034

(n, t)

30-Zn-67

Cross Section -100.0 To 974.2 %



46

Incident Energy (eV)

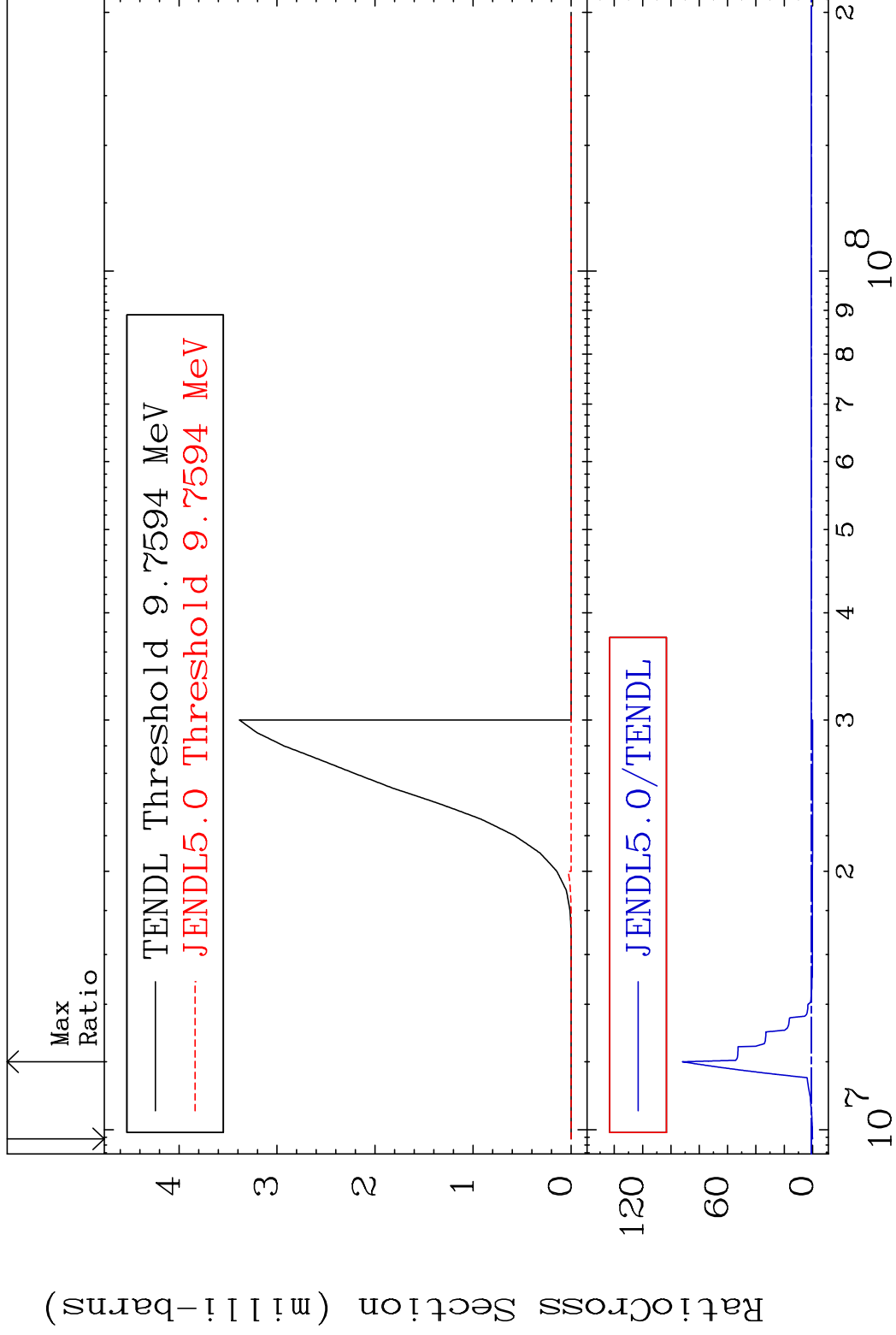
30-Zn-67

MAT 3034

(n, He-3)

30-Zn-67

Cross Section -100.0 To 9094. %



47

Incident Energy (eV)

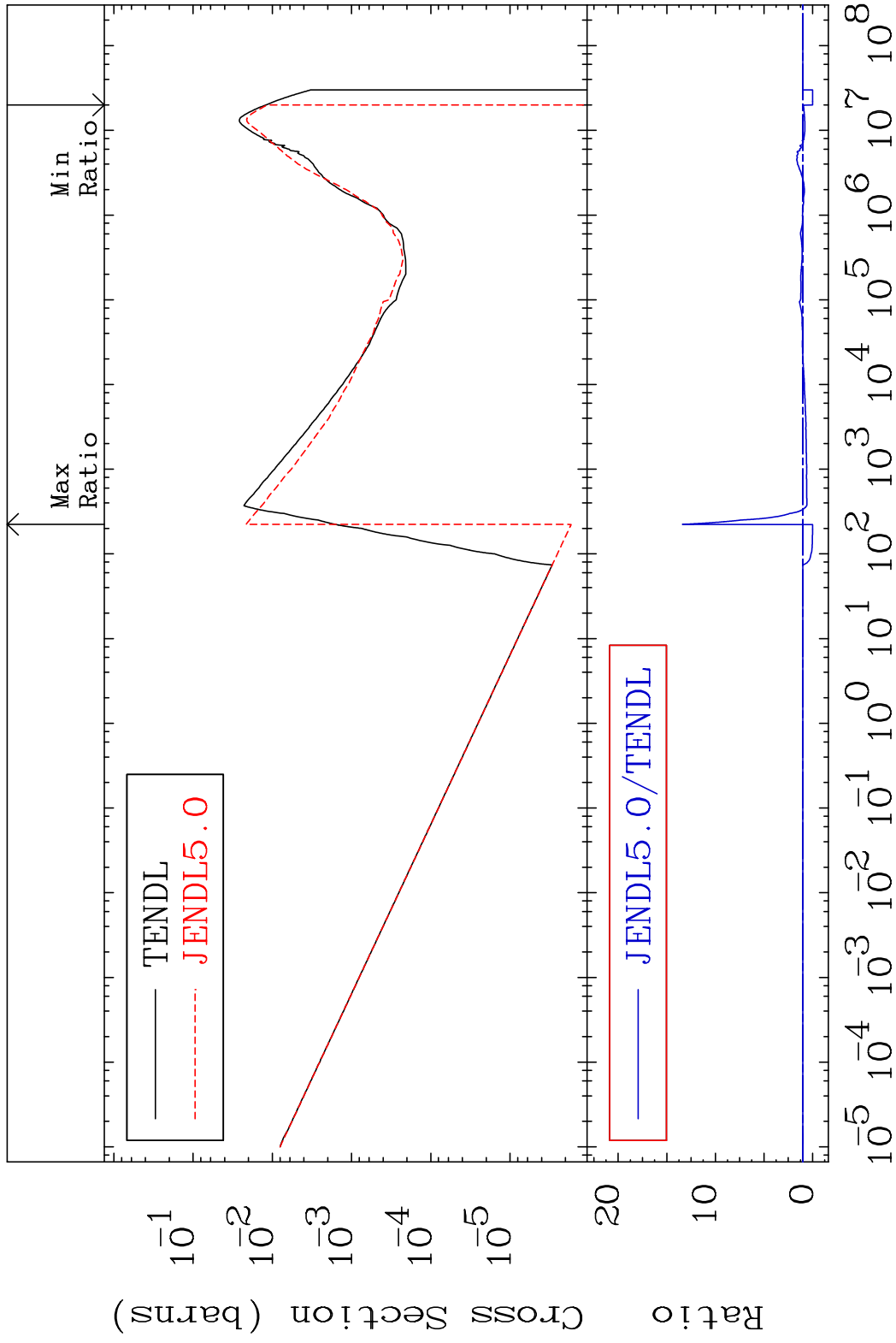
30-Zn-67

MAT 3034

(n, α)

30-Zn-67

Cross Section -100.0 To 1240. %

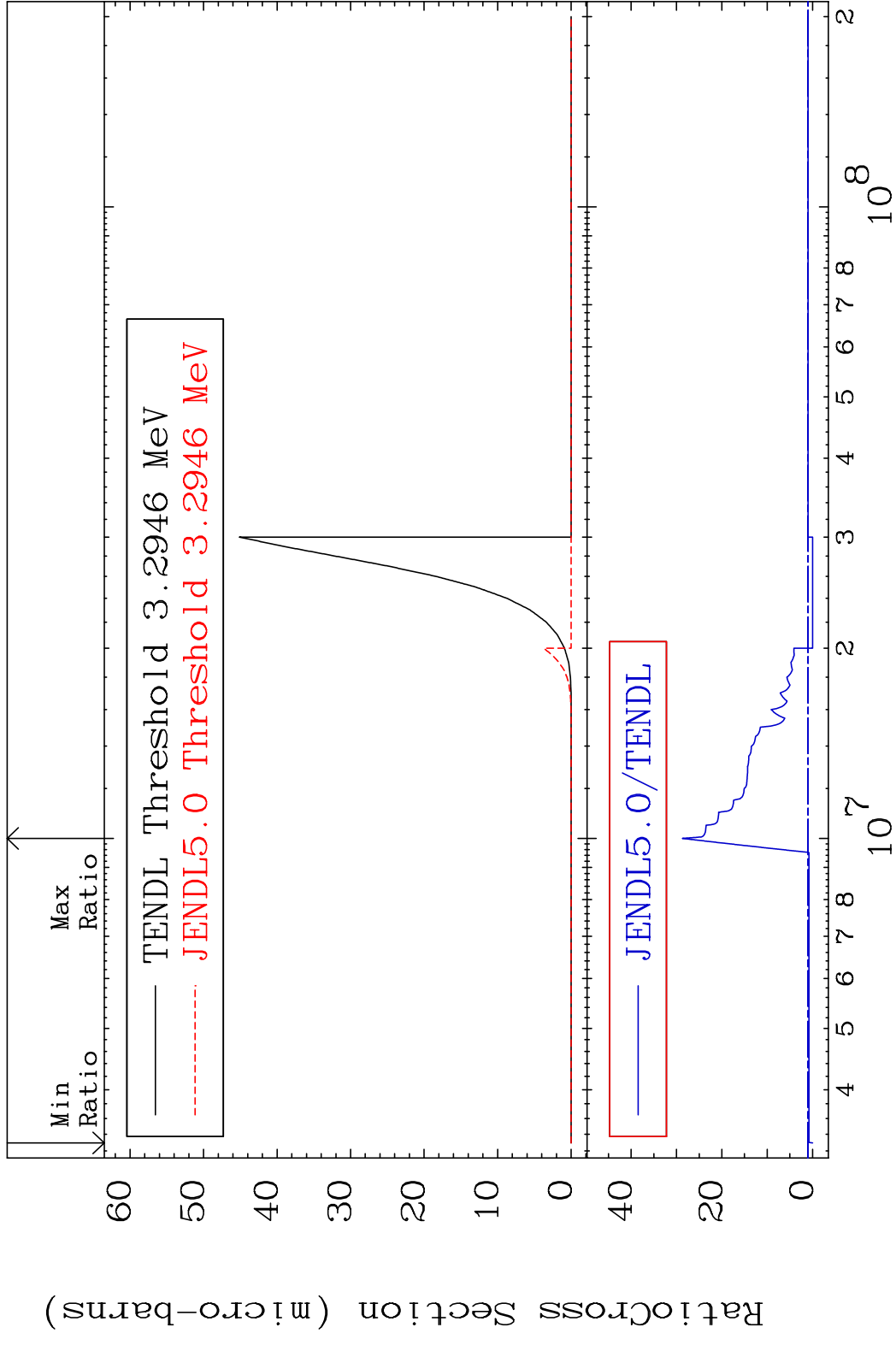


48

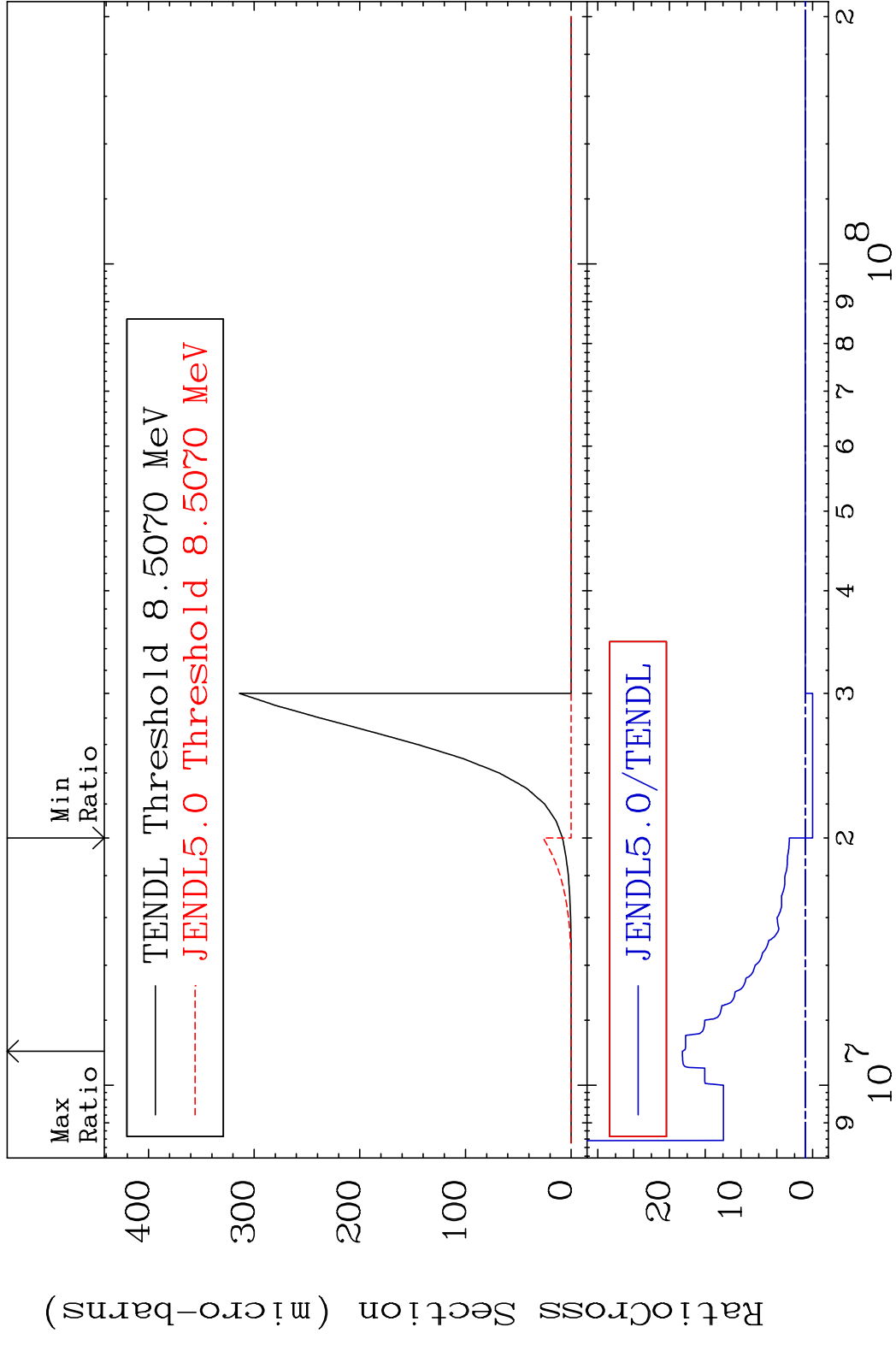
Incident Energy (eV)

30-Zn-67

MAT 3034 (n,2α) 30-Zn-67
 Cross Section -100.0 To 2771. %

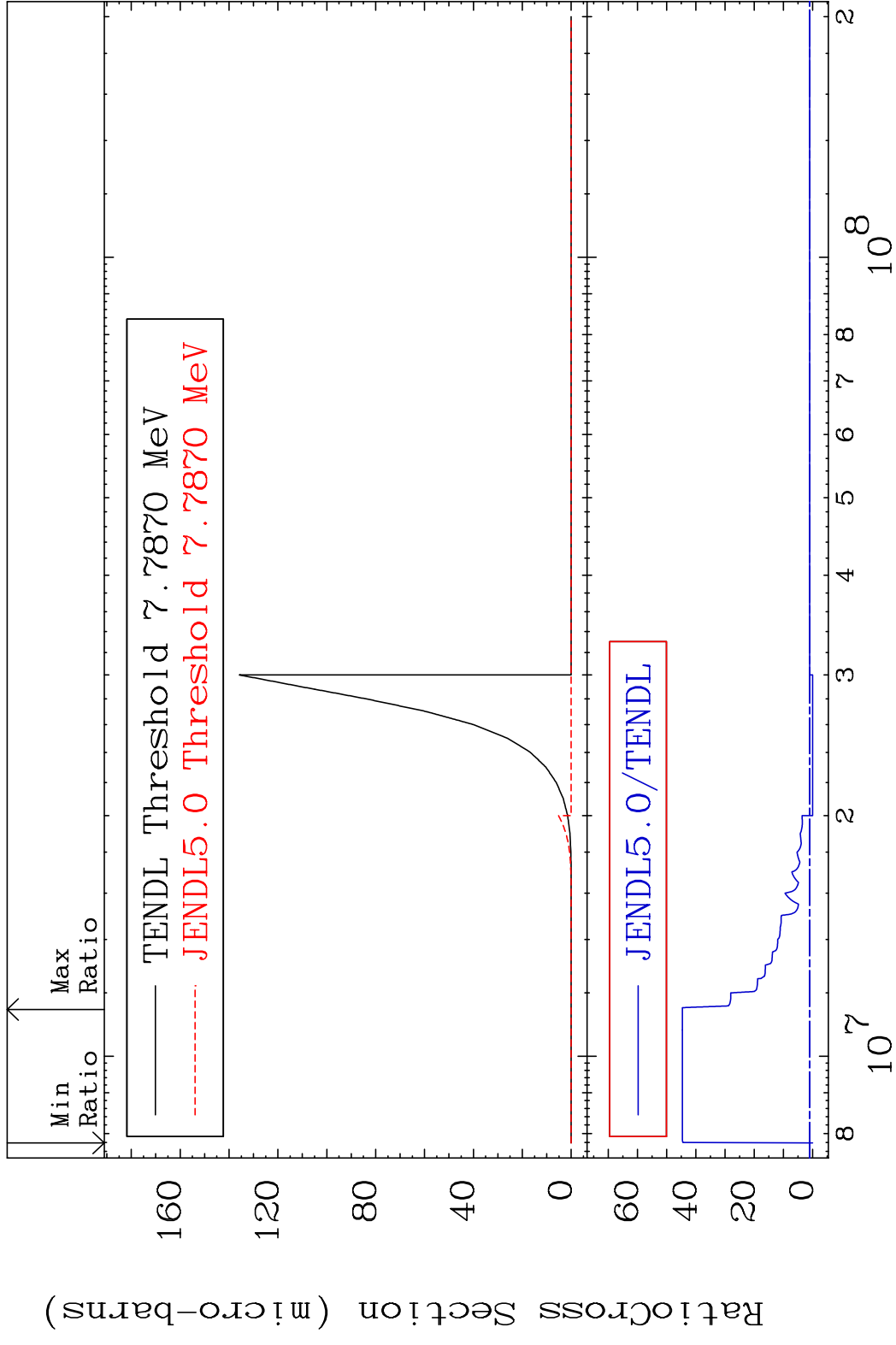


MAT 3034 (n,2p) 30-Zn-67
 Cross Section -100.0 To 1718. %



50 30-Zn-67

MAT 3034 (n,p) α 30-Zn-67
 Cross Section -100.0 To 4363. %

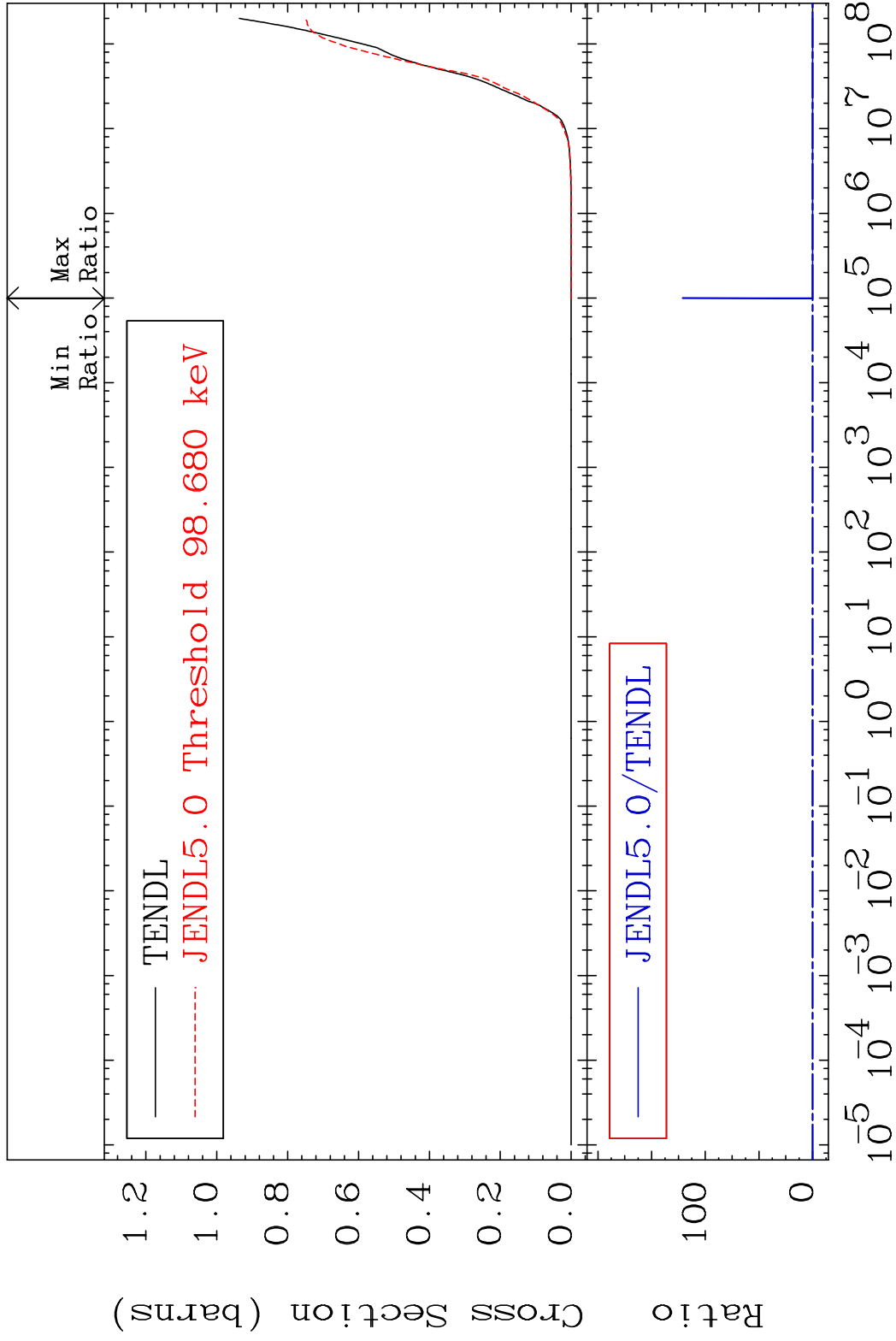


MAT 3034

Hydrogen Production

30-Zn-67

Cross Section -100.0 To 9999. %

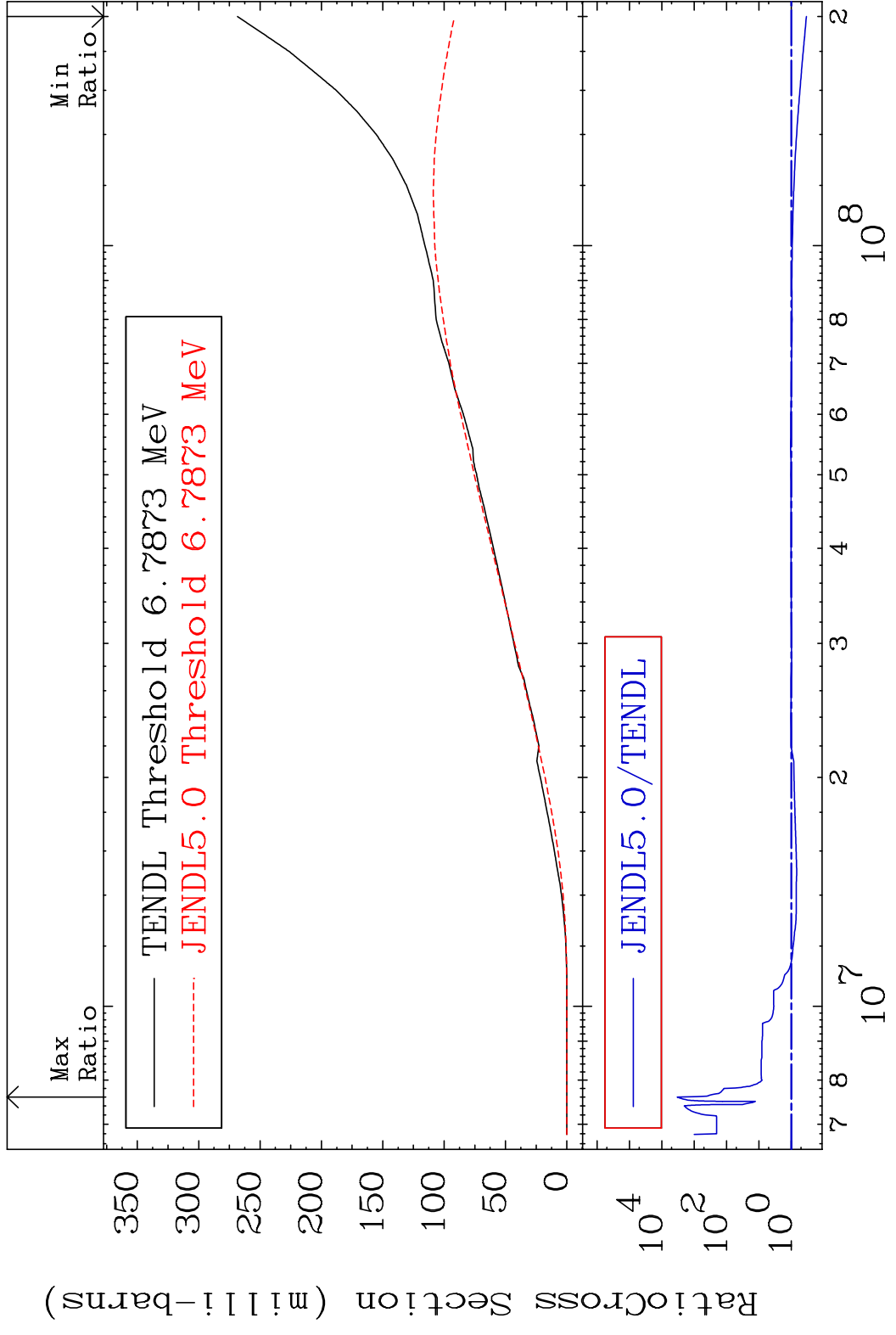


52

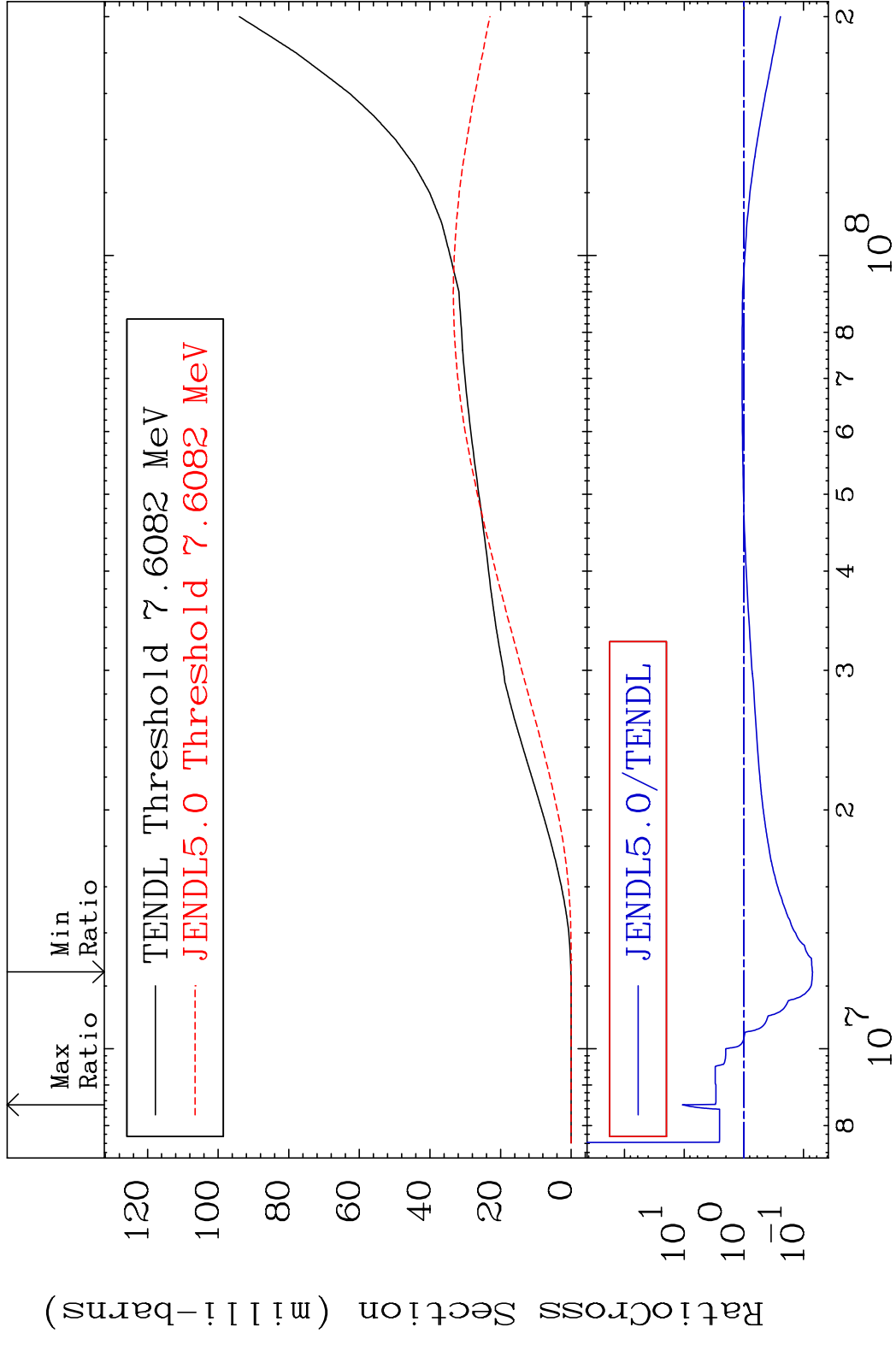
Incident Energy (eV)

30-Zn-67

MAT 3034 Deuterium Production 30-Zn-67
 Cross Section -65.86 To 9999. %

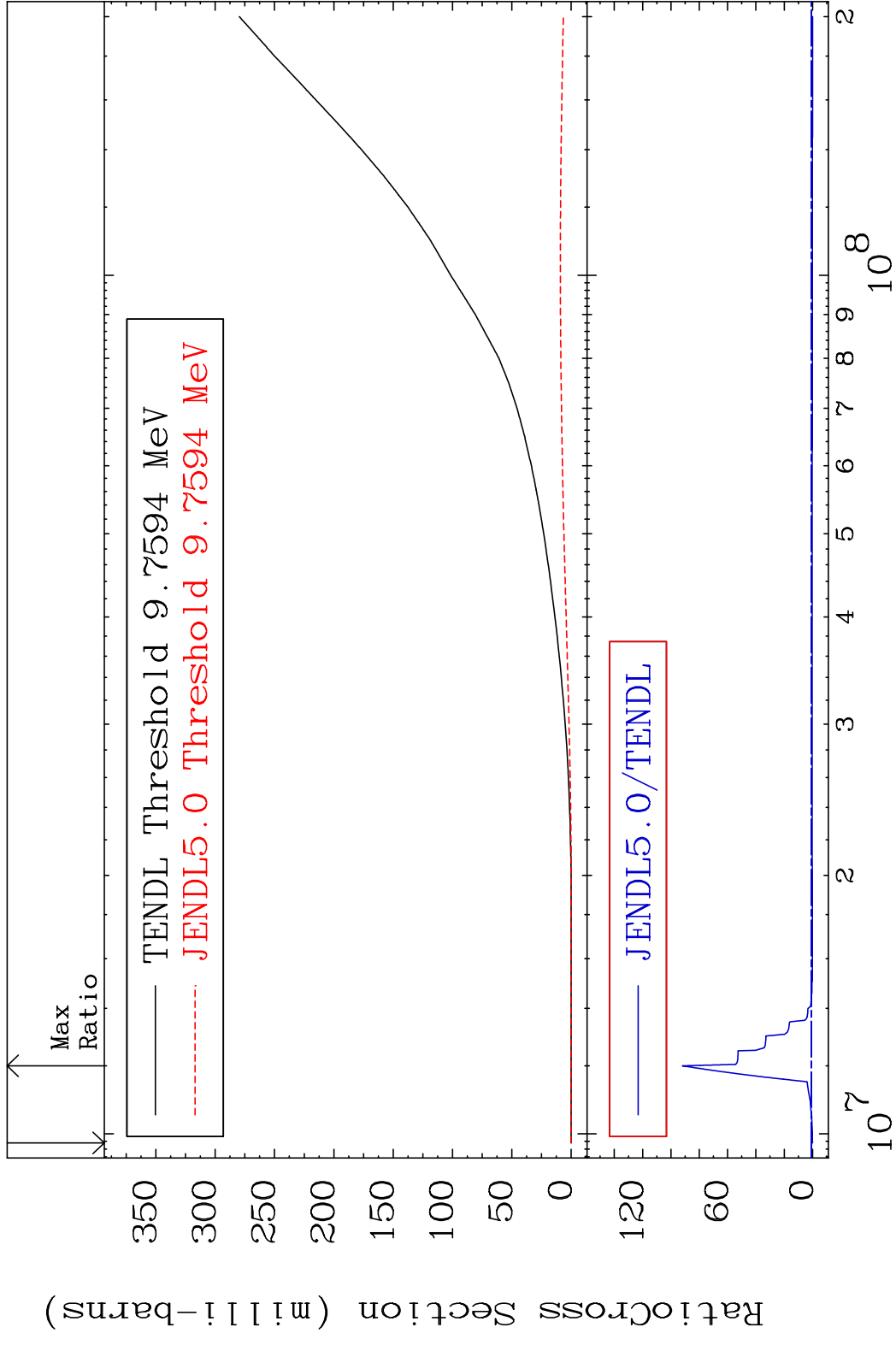


MAT 3034 Tritium Production 30-Zn-67
 Cross Section -92.94 To 974.2 %



54 Incident Energy (eV) 30-Zn-67

MAT 3034 He-3 Production 30-Zn-67
 Cross Section -100.0 To 9094. %



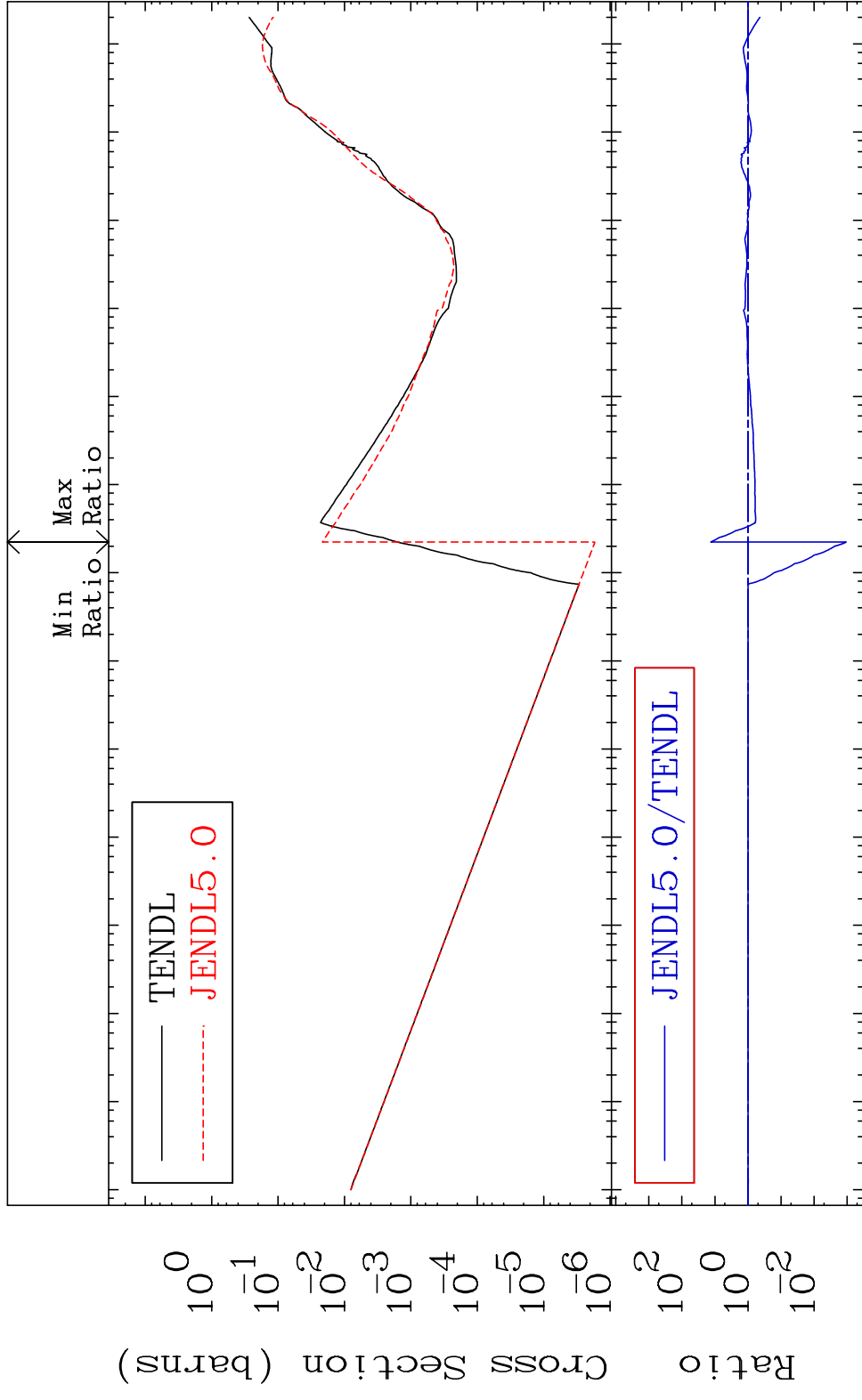
55 30-Zn-67

MAT 3034

He-4 Production

30-Zn-67

Cross Section -99.89 To 1240. %

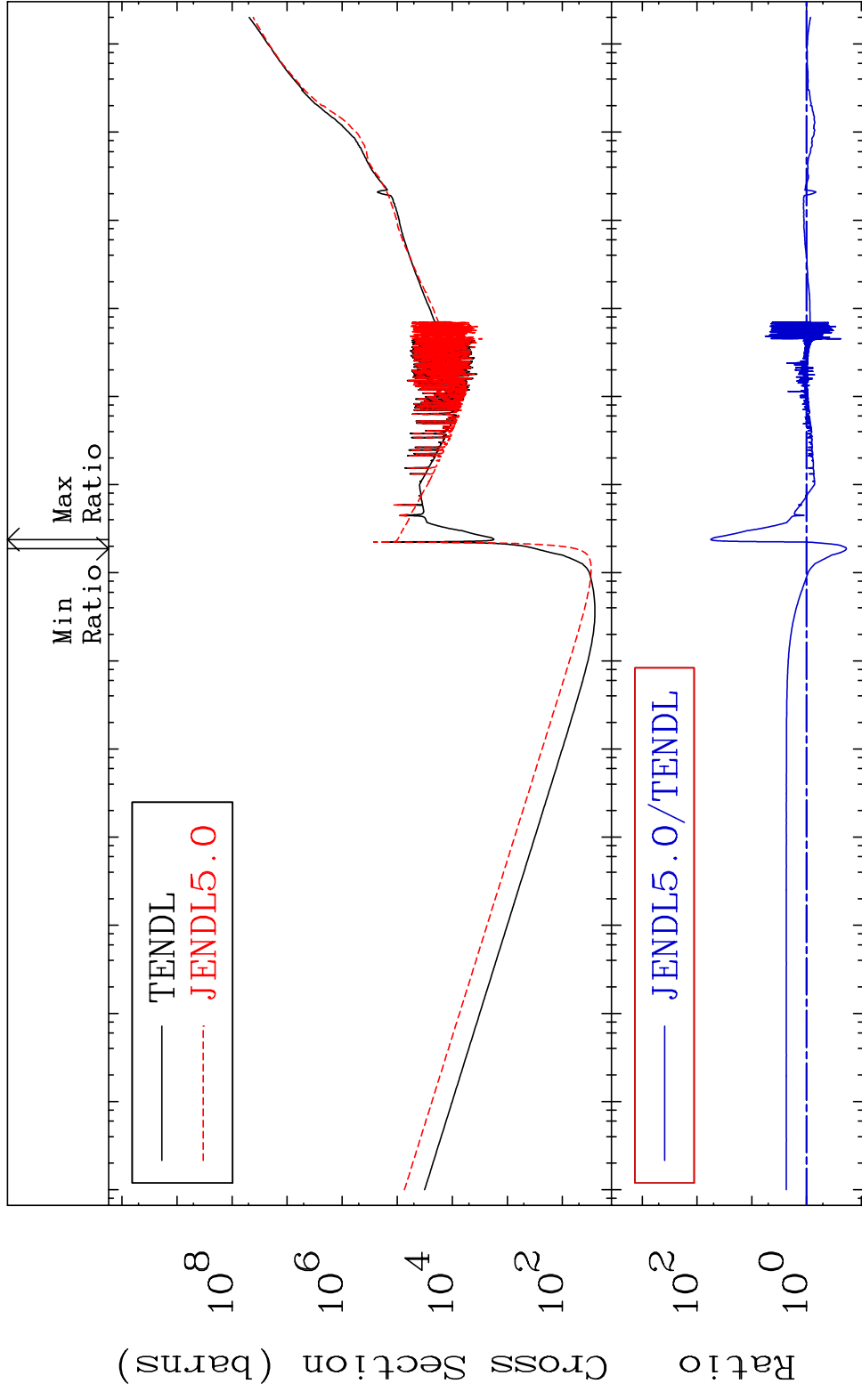


56

Incident Energy (eV)

30-Zn-67

MAT 3034 Kerma total (eV-barns) 30-Zn-67
 Cross Section -81.27 To 5519. %



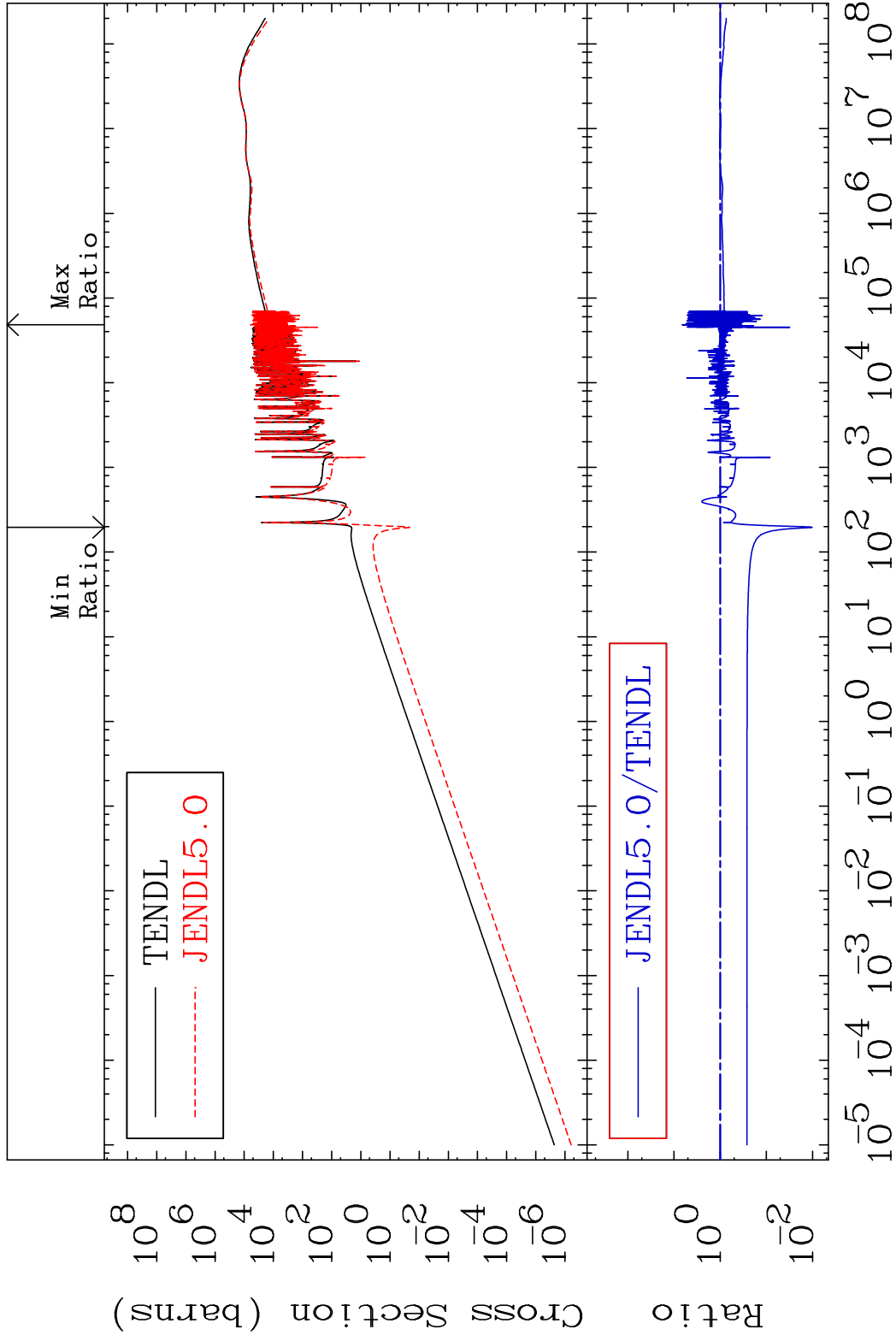
57 Incident Energy (eV) 30-Zn-67

MAT 3034

Kerma elastic
Cross Section

30-Zn-67

-99.00 To 560.1 %

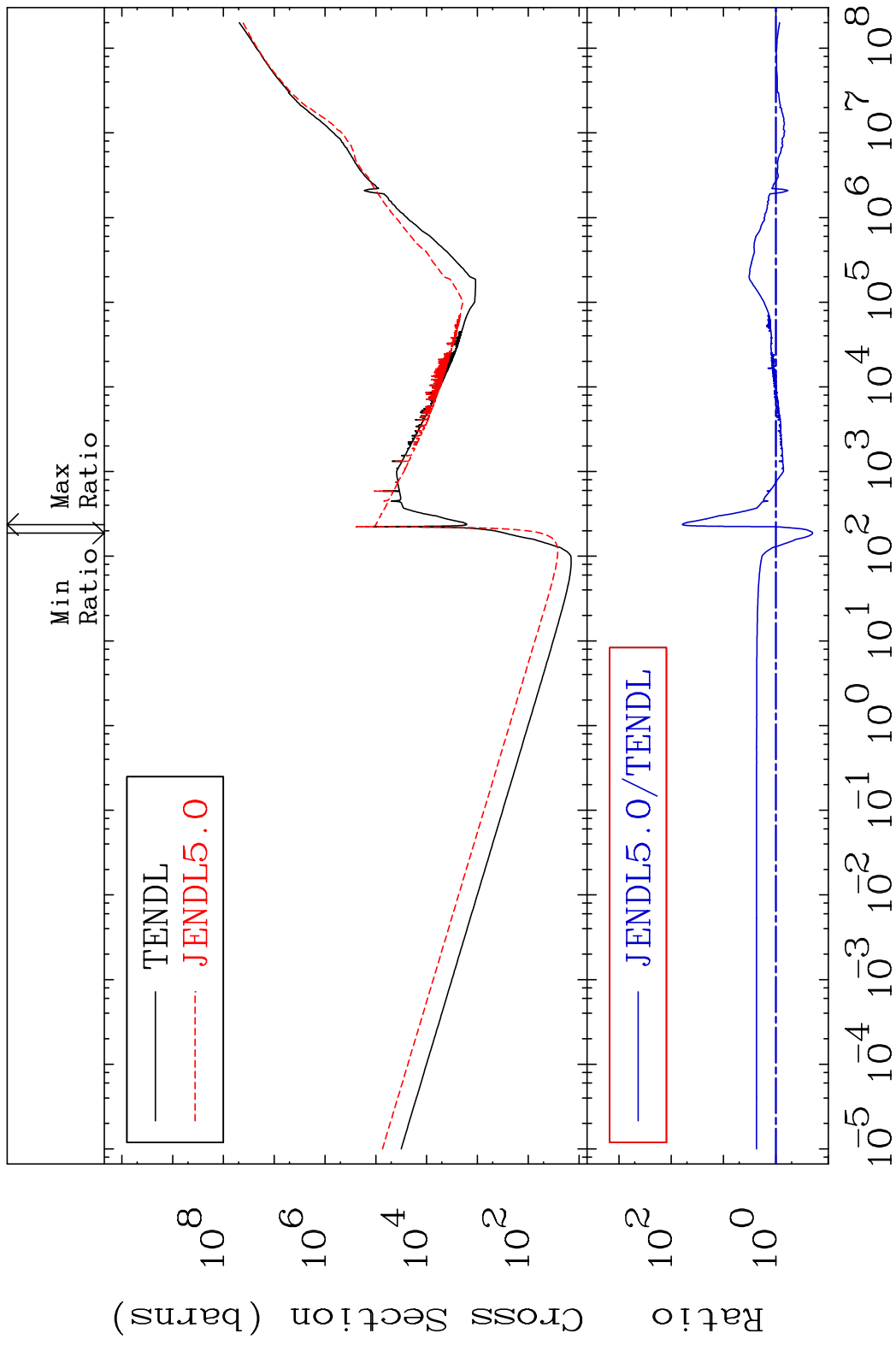


58

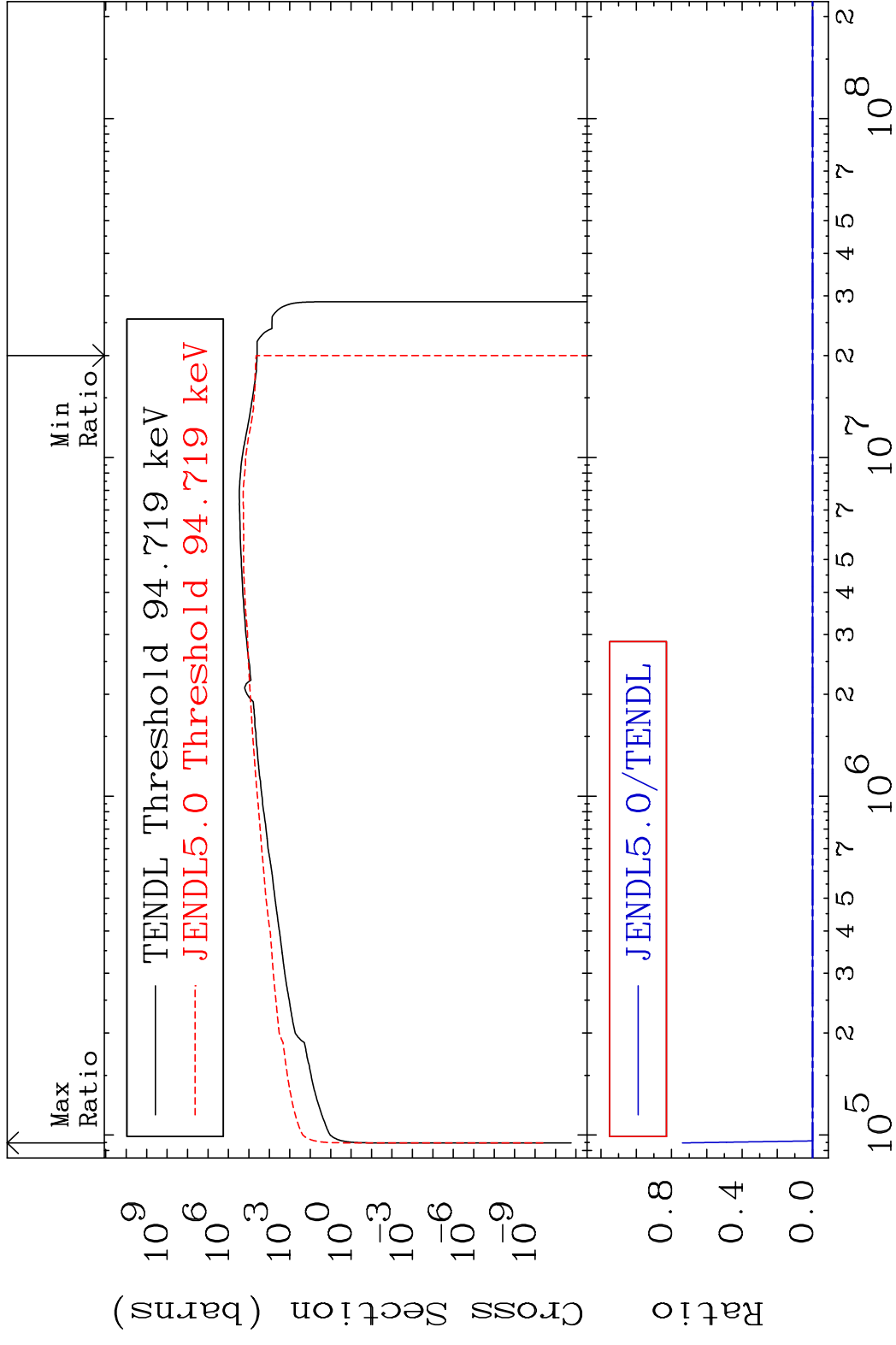
Incident Energy (eV)

30-Zn-67

MAT 3034 Kerma non-elastic (all but mt2) 30-Zn-67
Cross Section -80.19 To 6029. %

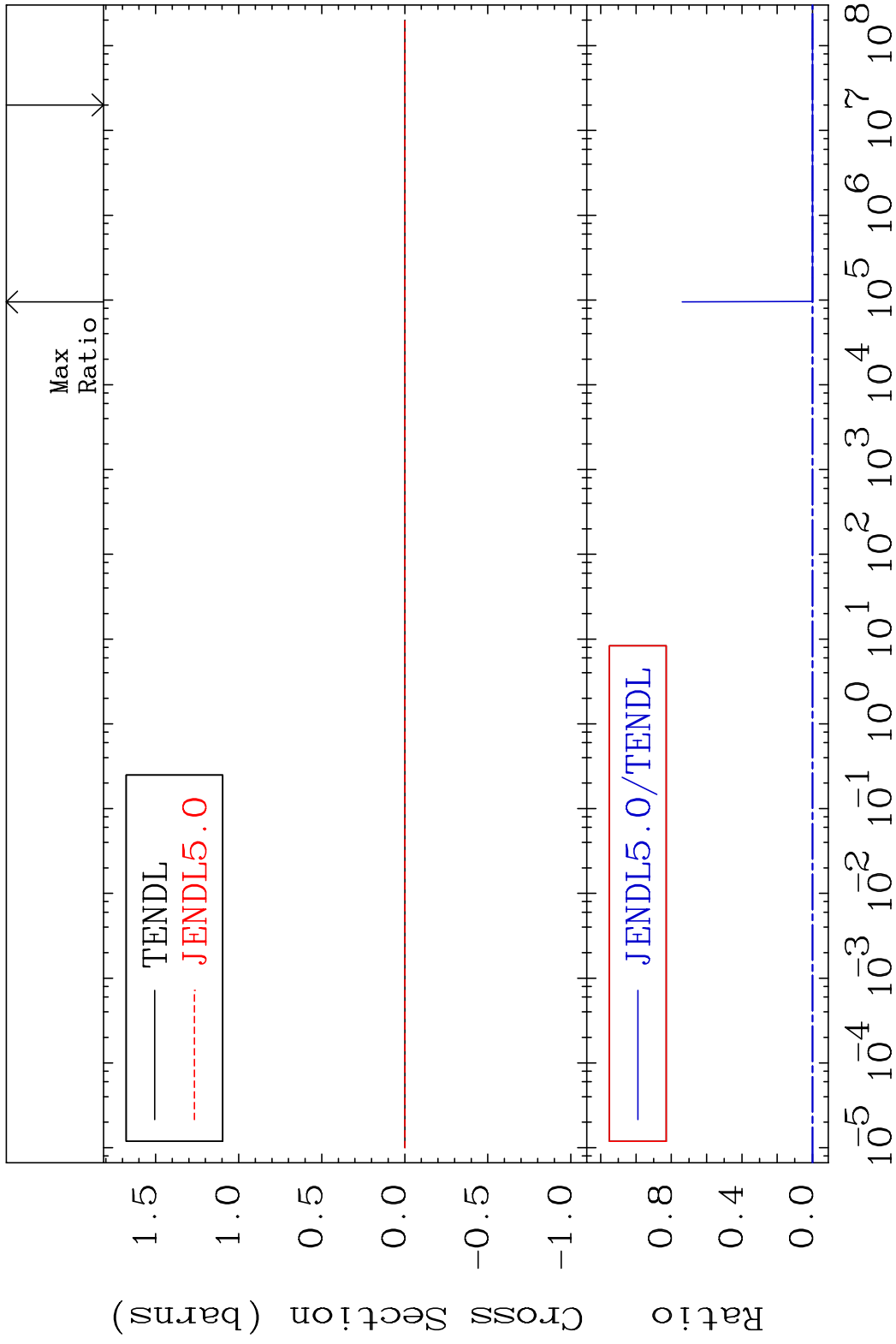


MAT 3034 Kerma inelastic (mt51-91) 30-Zn-67
 Cross Section -100.0 To 9999. %



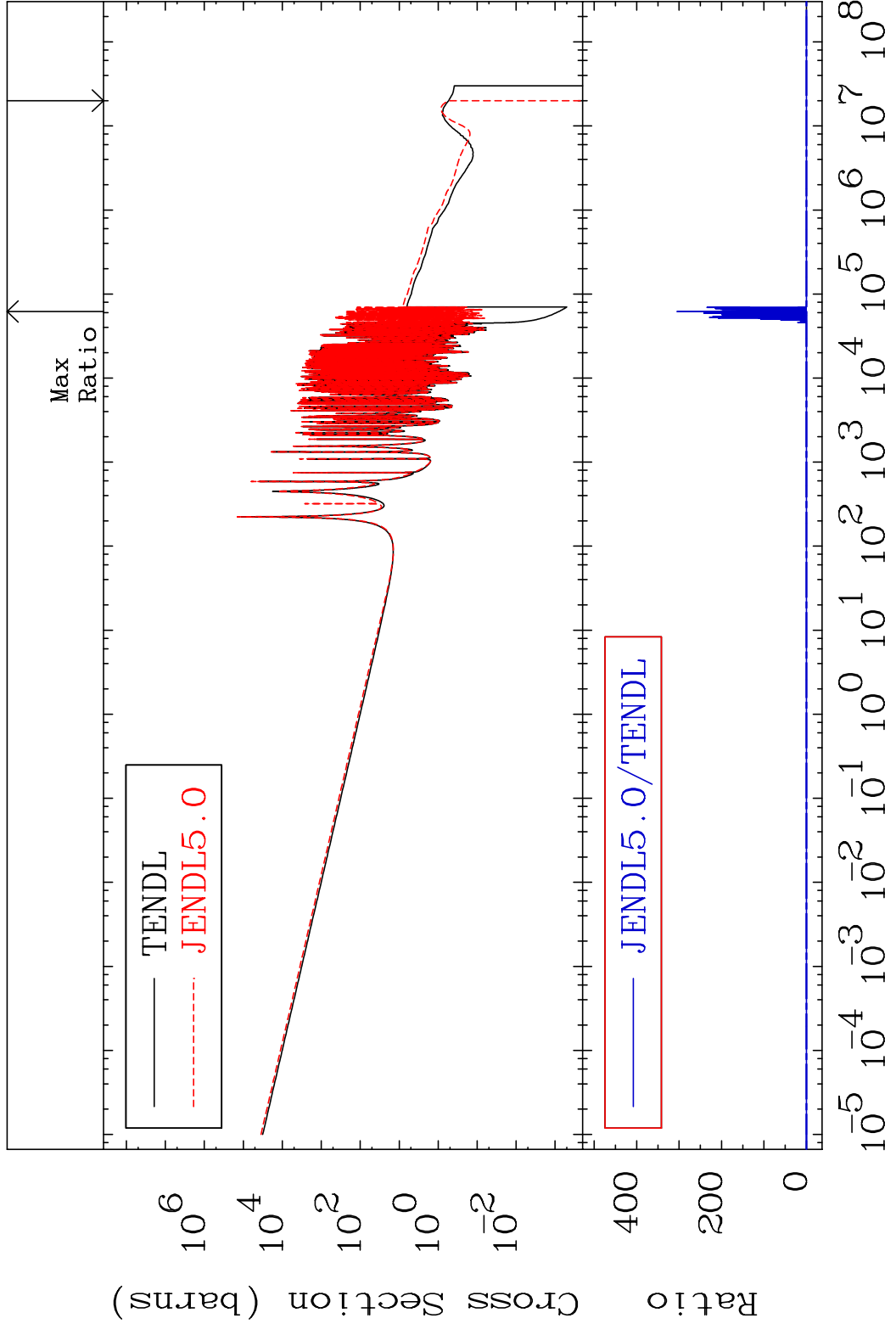
60 Incident Energy (eV) 30-Zn-67

MAT 3034 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-67
 Cross Section -100.0 To 9999. %



MAT 3034

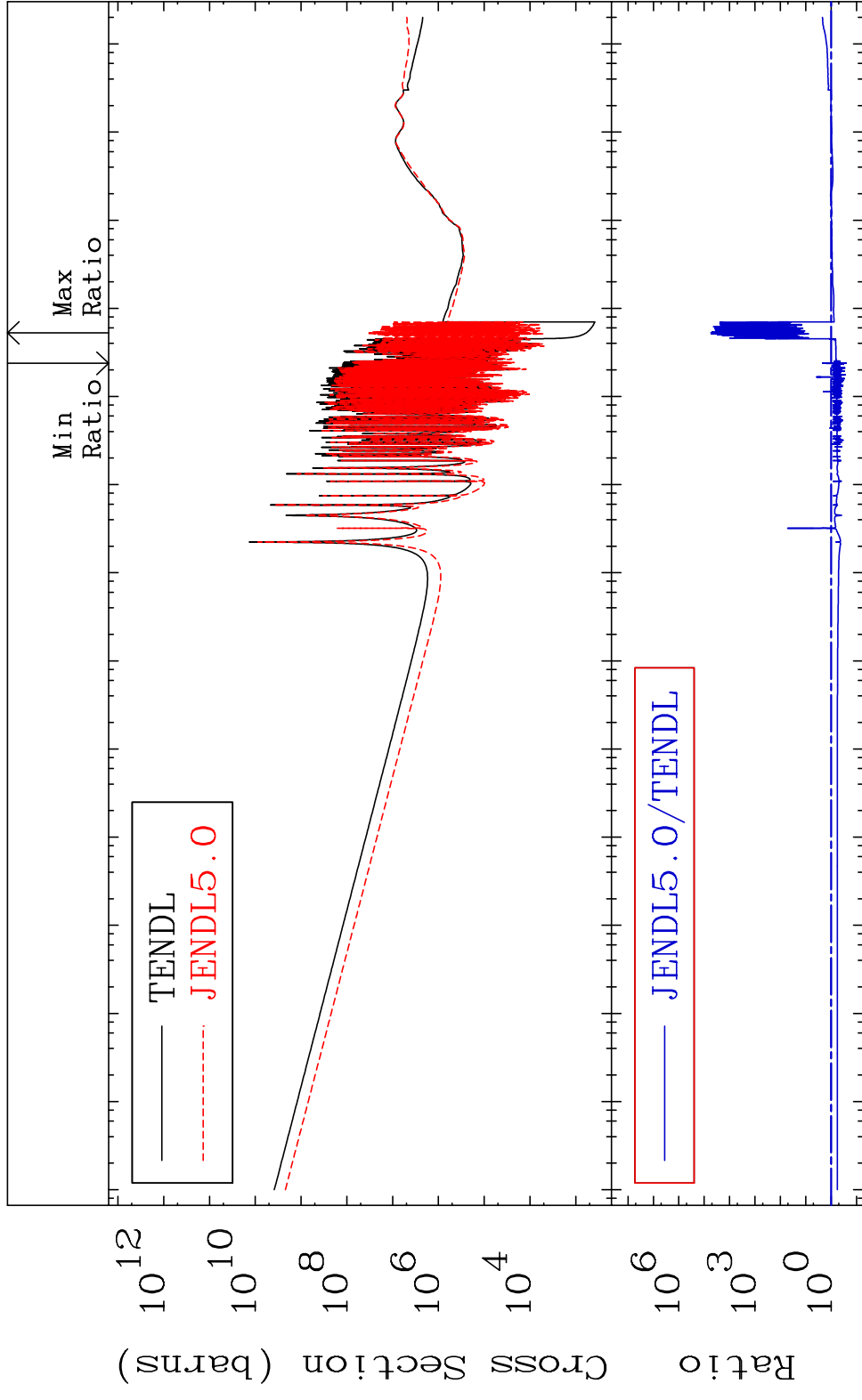
Kerma capture (mt102) 30-Zn-67
Cross Section -100.0 To 9999. %



62

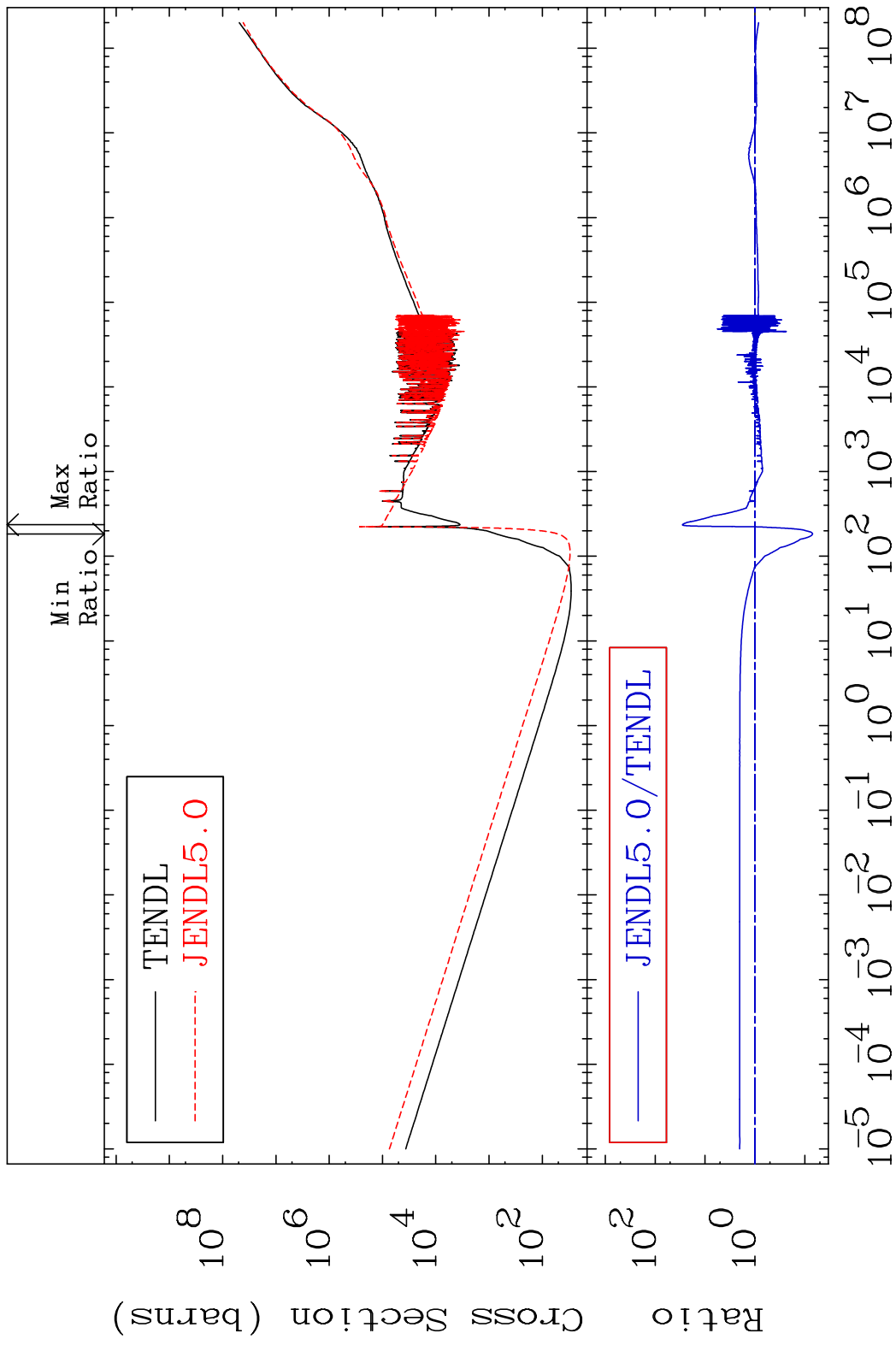
Incident Energy (eV) 30-Zn-67

MAT 3034 Total photon (eV-barns) 30-Zn-67
Cross Section -74.55 To 9999. %

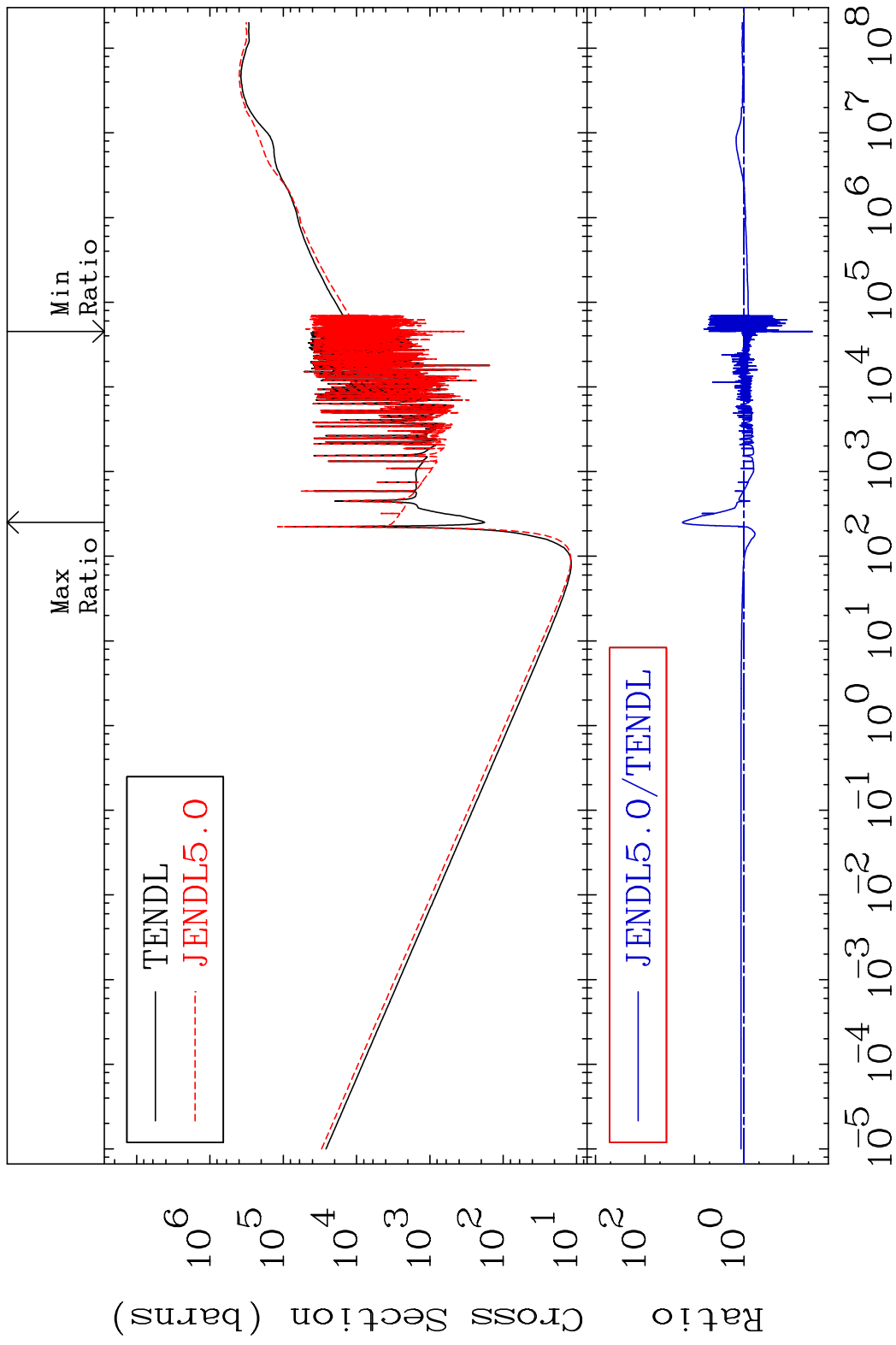


63 Incident Energy (eV) 30-Zn-67

MAT 3034 Total kinematic kerma (high limit) 30-Zn-67
 Cross Section -92.98 To 2750. %



MAT 3034 Dpa total (eV-barns) 30-Zn-67
 Cross Section -95.87 To 1663. %



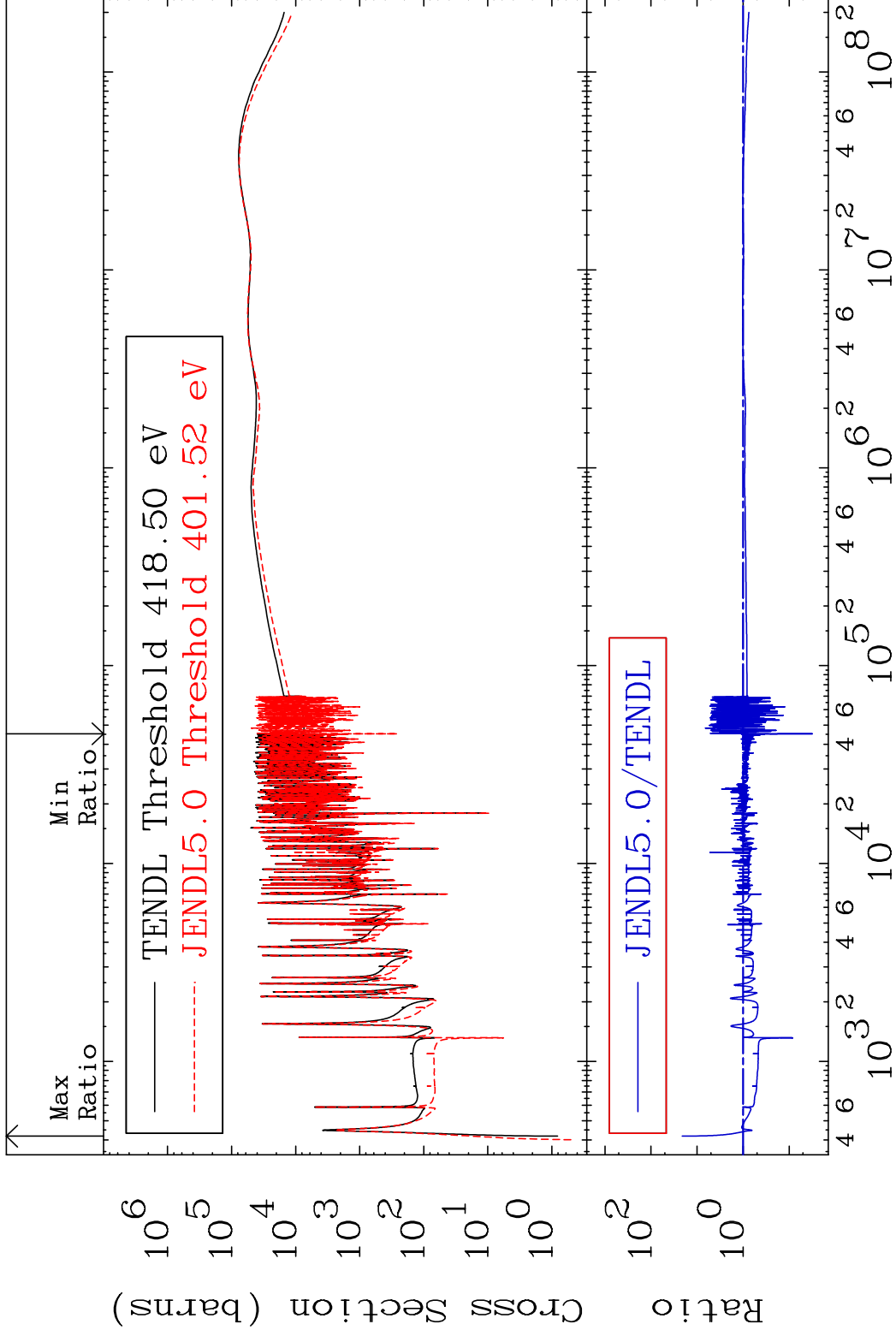
65 Incident Energy (eV) 30-Zn-67

MAT 3034

Dpa elastic (mt2)

30-Zn-67

Cross Section -96.88 To 2006. %

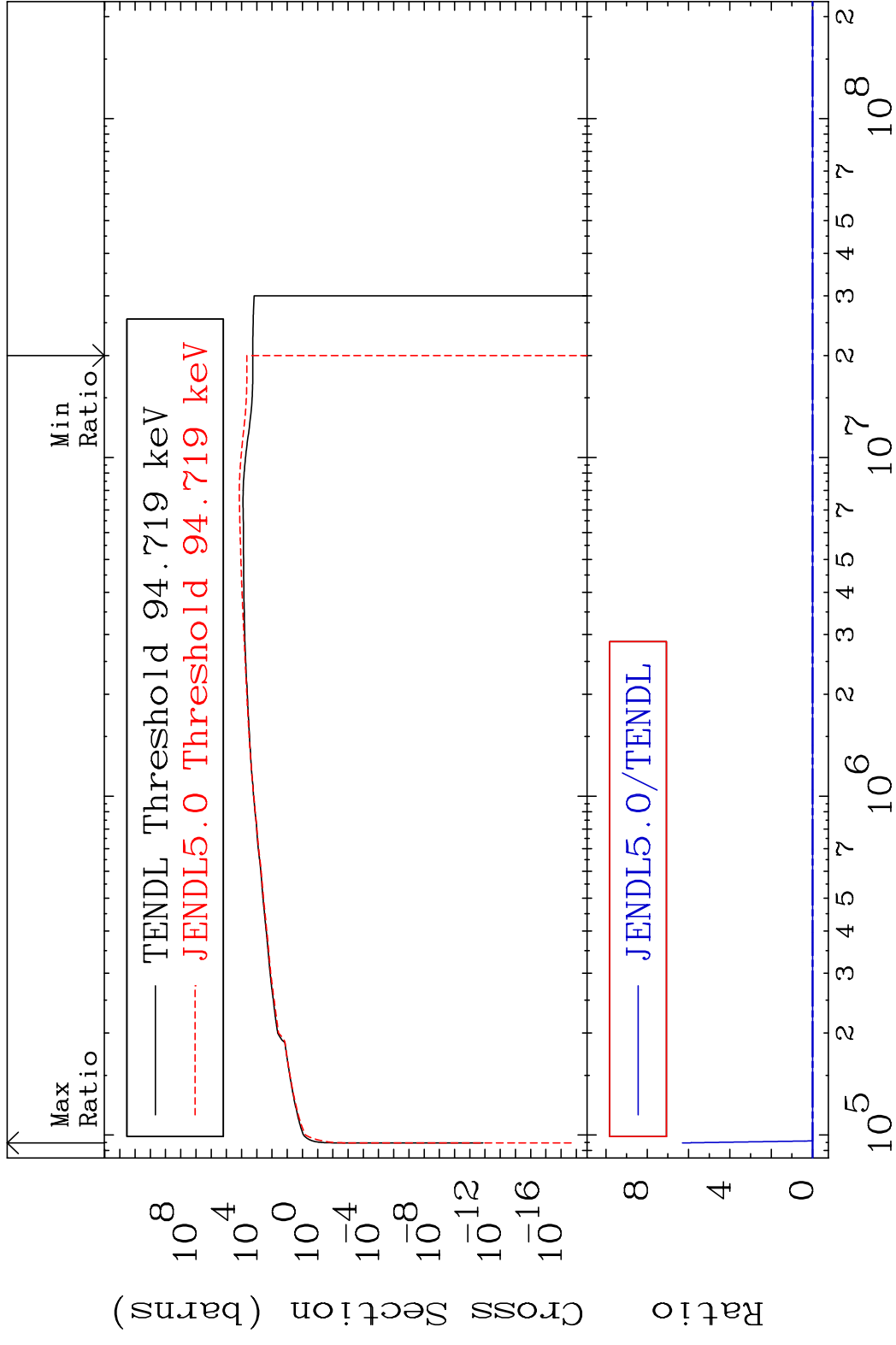


66

Incident Energy (eV)

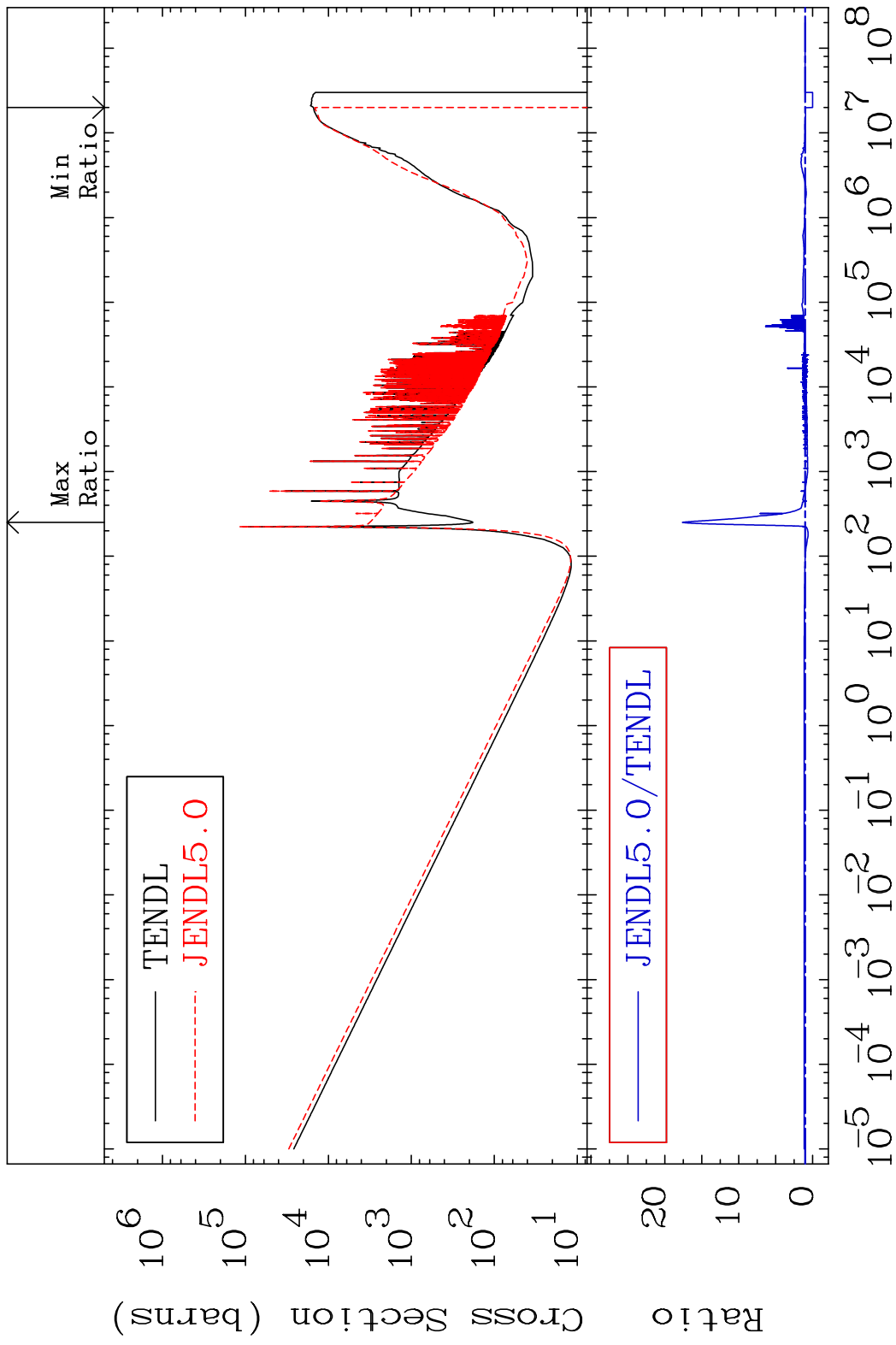
30-Zn-67

MAT 3034 Dpa inelastic (mt51-91) 30-Zn-67
 Cross Section -100.0 To 9999. %

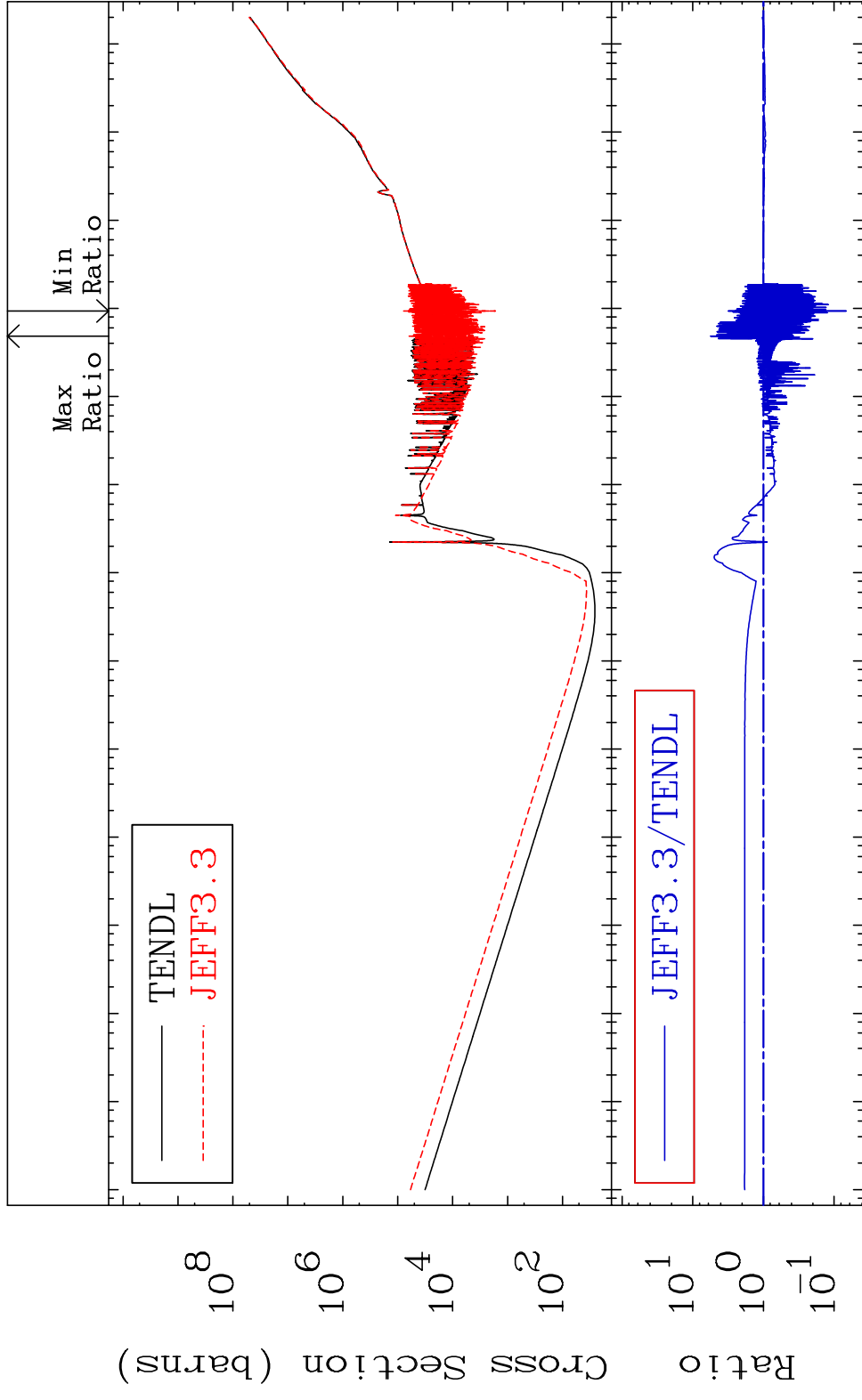


67 Incident Energy (eV) 30-Zn-67

MAT 3034 Dpa disappearance (mt102 -120) 30-Zn-67
 Cross Section -100.0 To 1663. %



MAT 3034 Kerma total (eV-barns) 30-Zn-67
 Cross Section -93.30 To 456.5 %



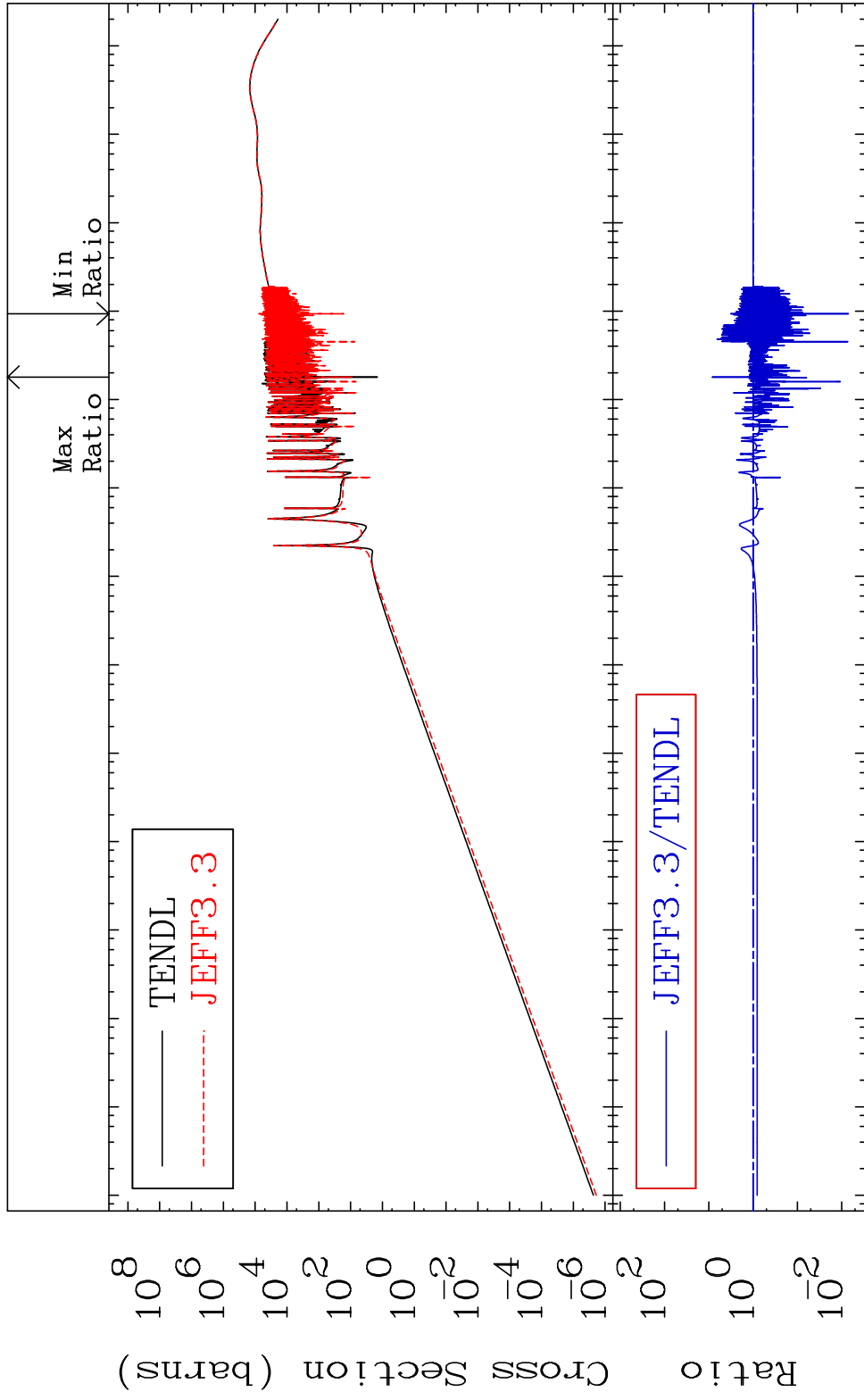
69 Incident Energy (eV) 30-Zn-67

MAT 3034

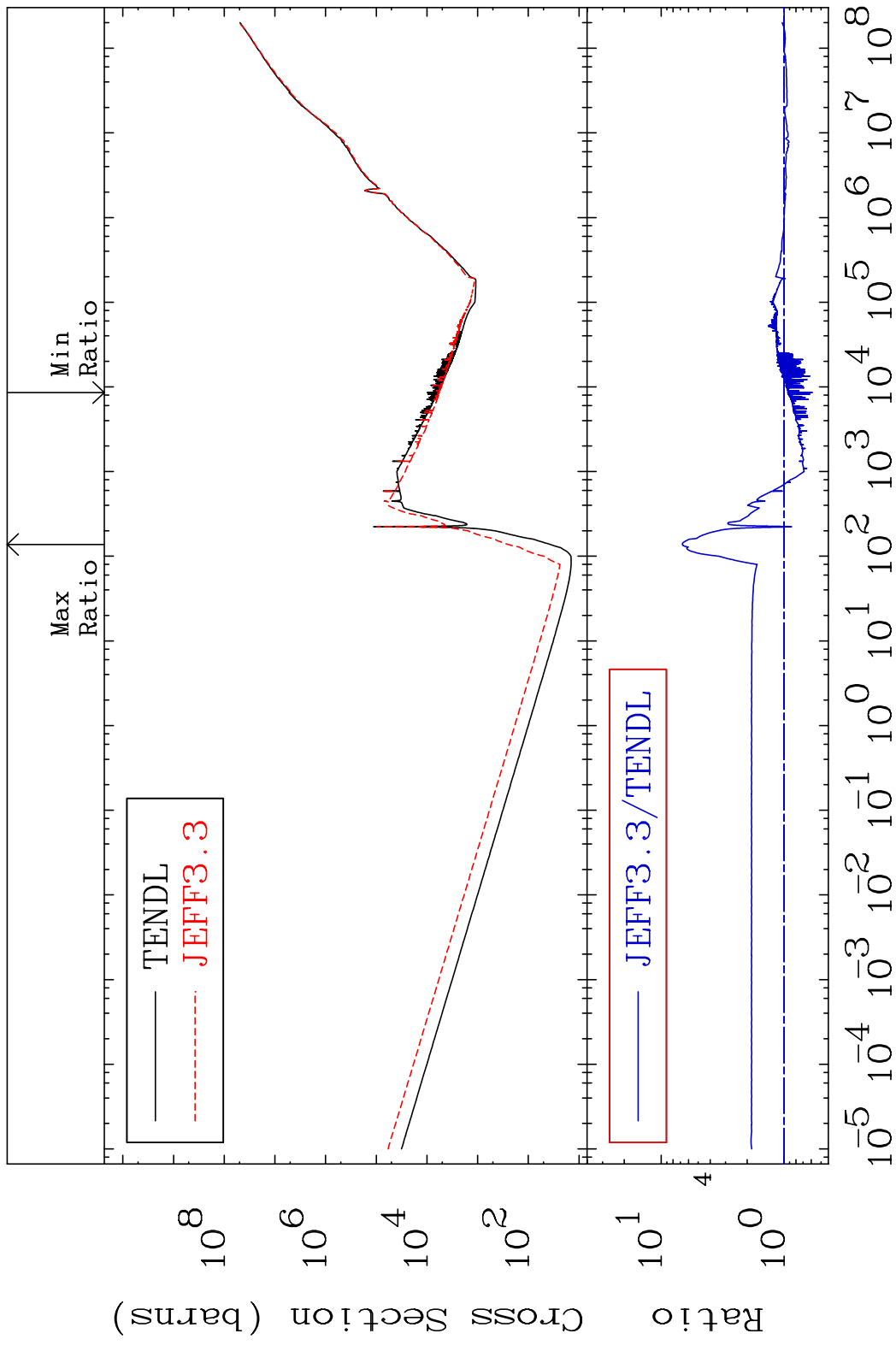
Kerma elastic

30-Zn-67

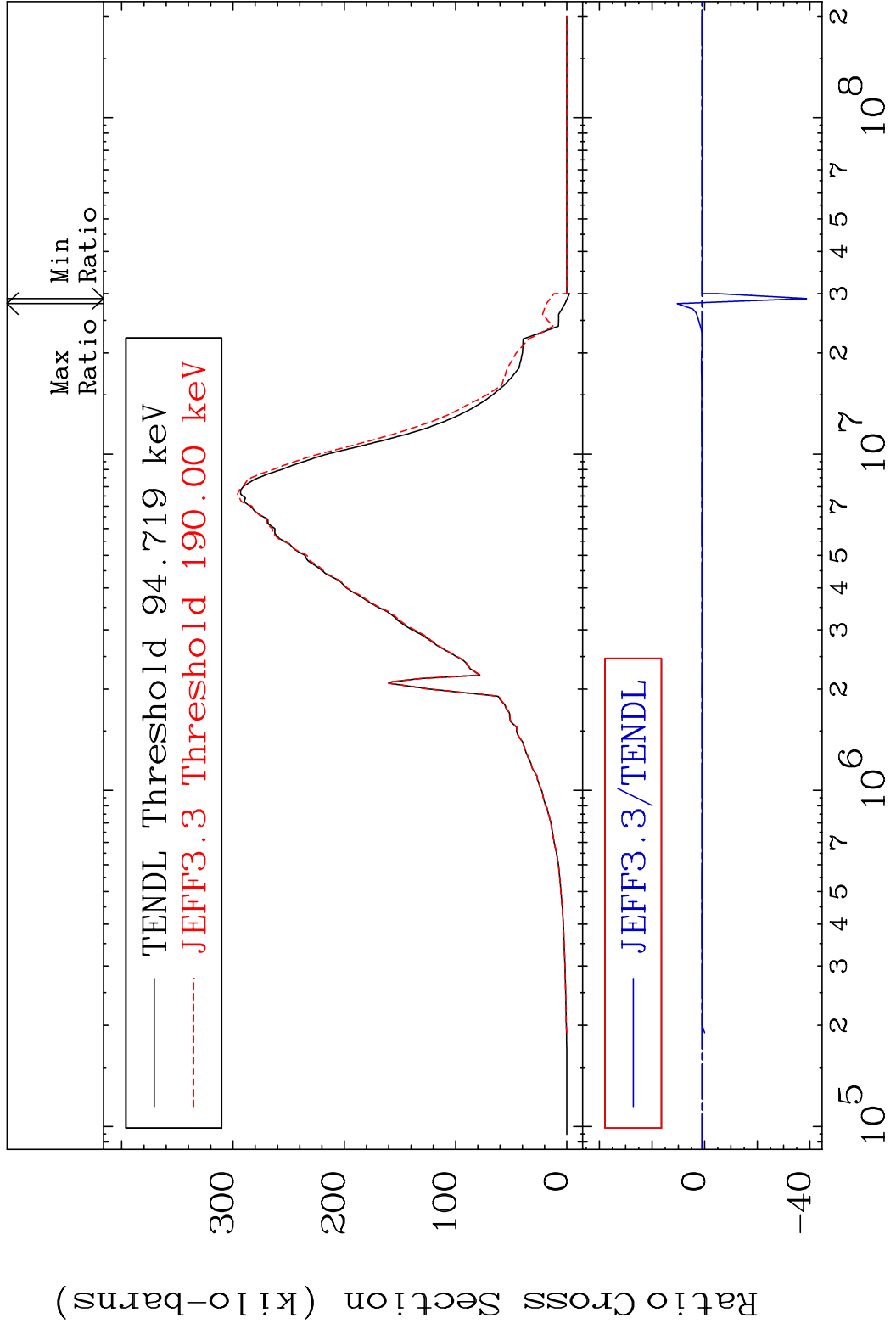
Cross Section -99.29 To 735.7 %



MAT 3034 Kerma non-elastic (all but mt2) 30-Zn-67
 Cross Section -41.38 To 573.2 %

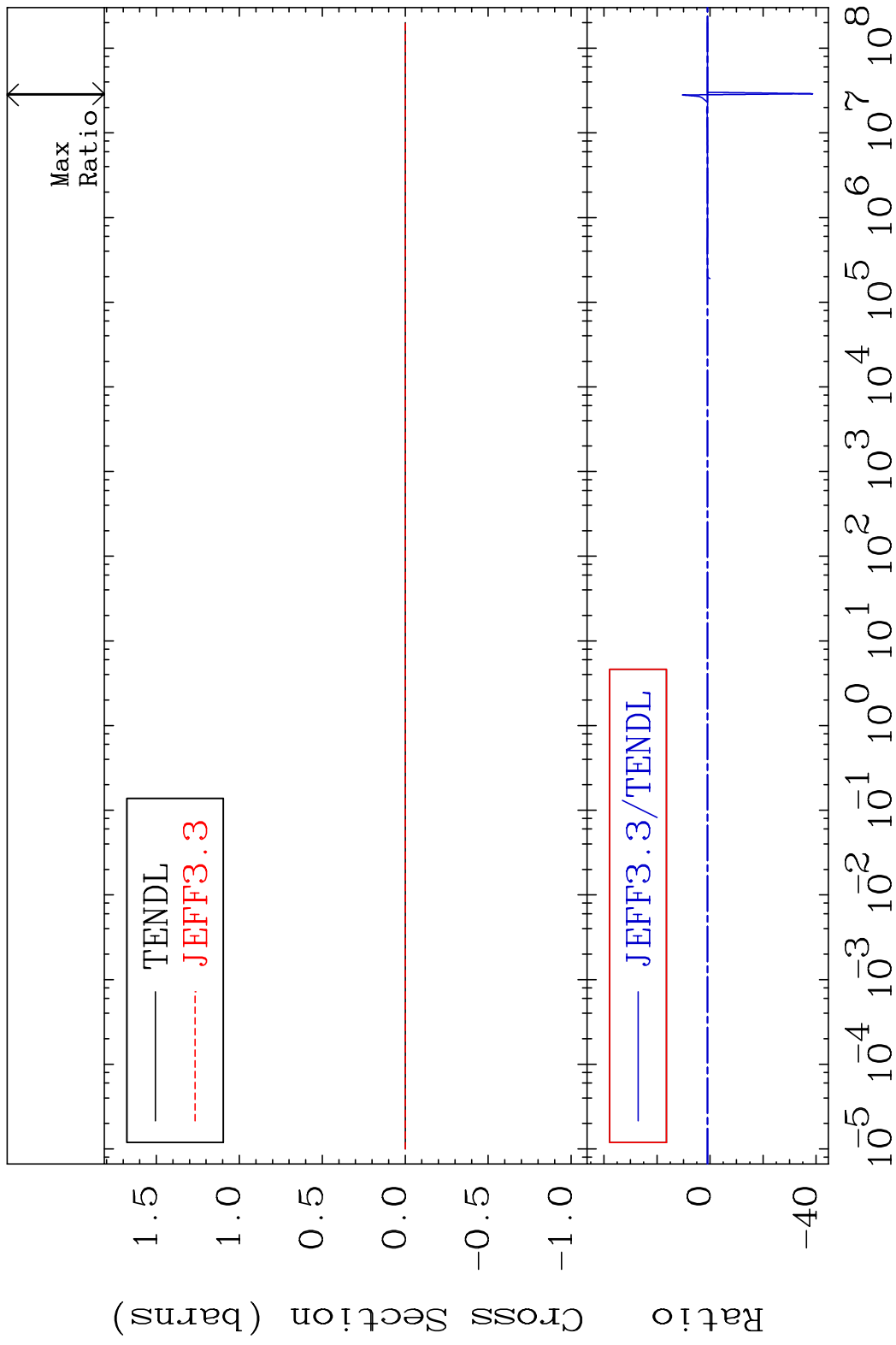


MAT 3034 Kerma inelastic (mt51-91) 30-Zn-67
 Cross Section -3966. To 943.2 %



72

MAT 3034 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-67
Cross Section -3966. To 943.2 %



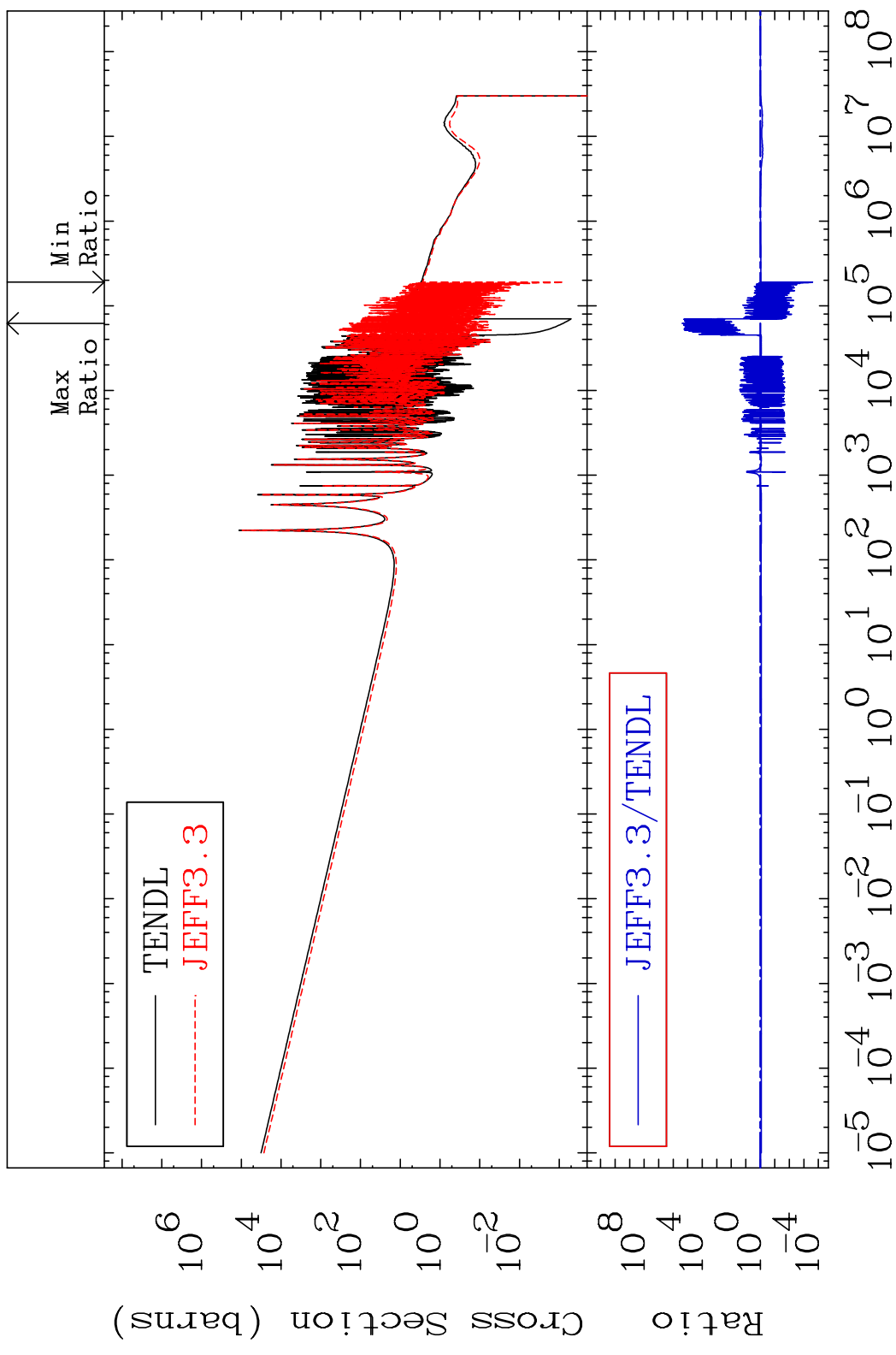
73

Incident Energy (eV)

30-Zn-67

MAT 3034

Kerma capture (mt102) 30-Zn-67
Cross Section -99.97 To 9999. %

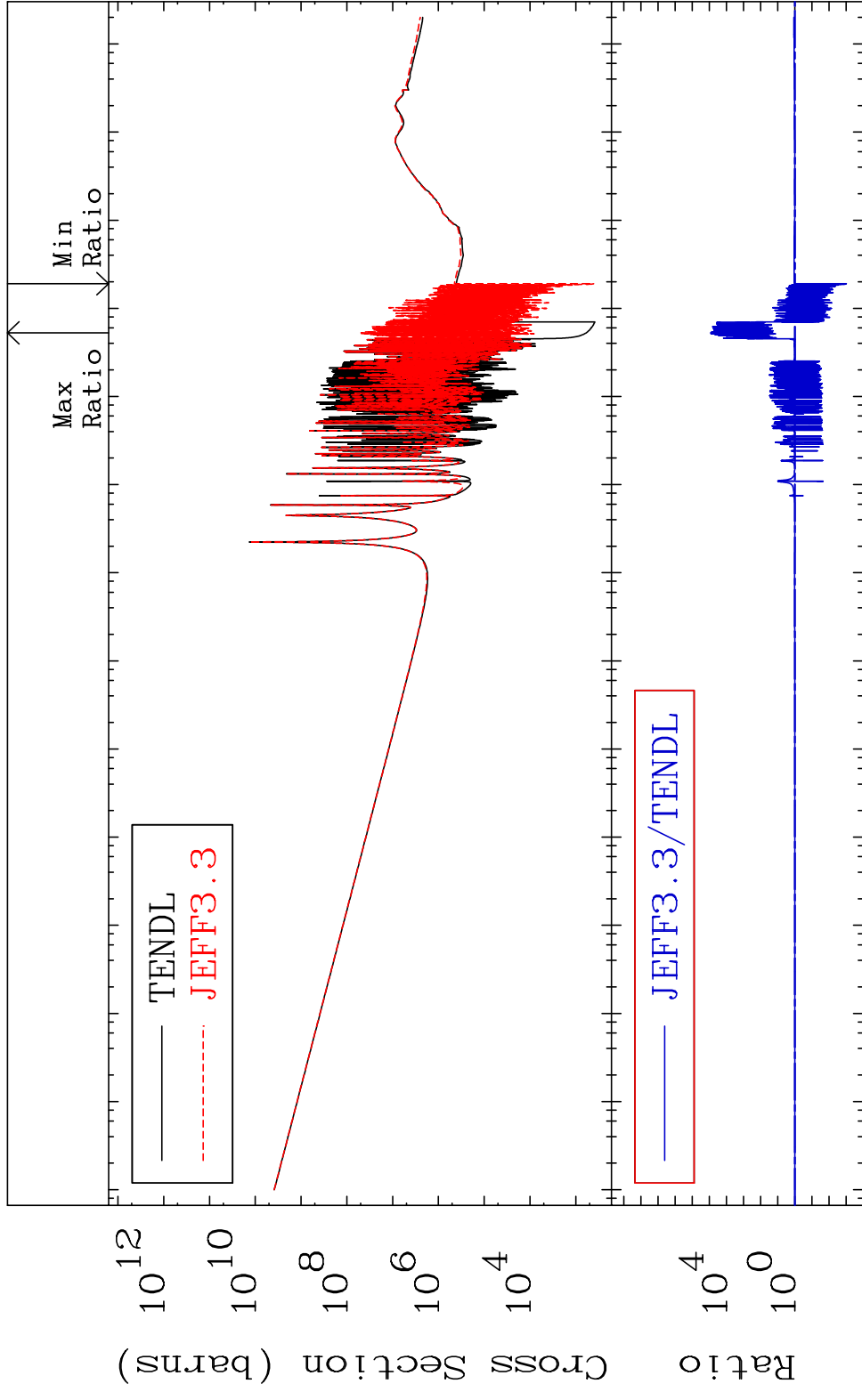


74

Incident Energy (eV)

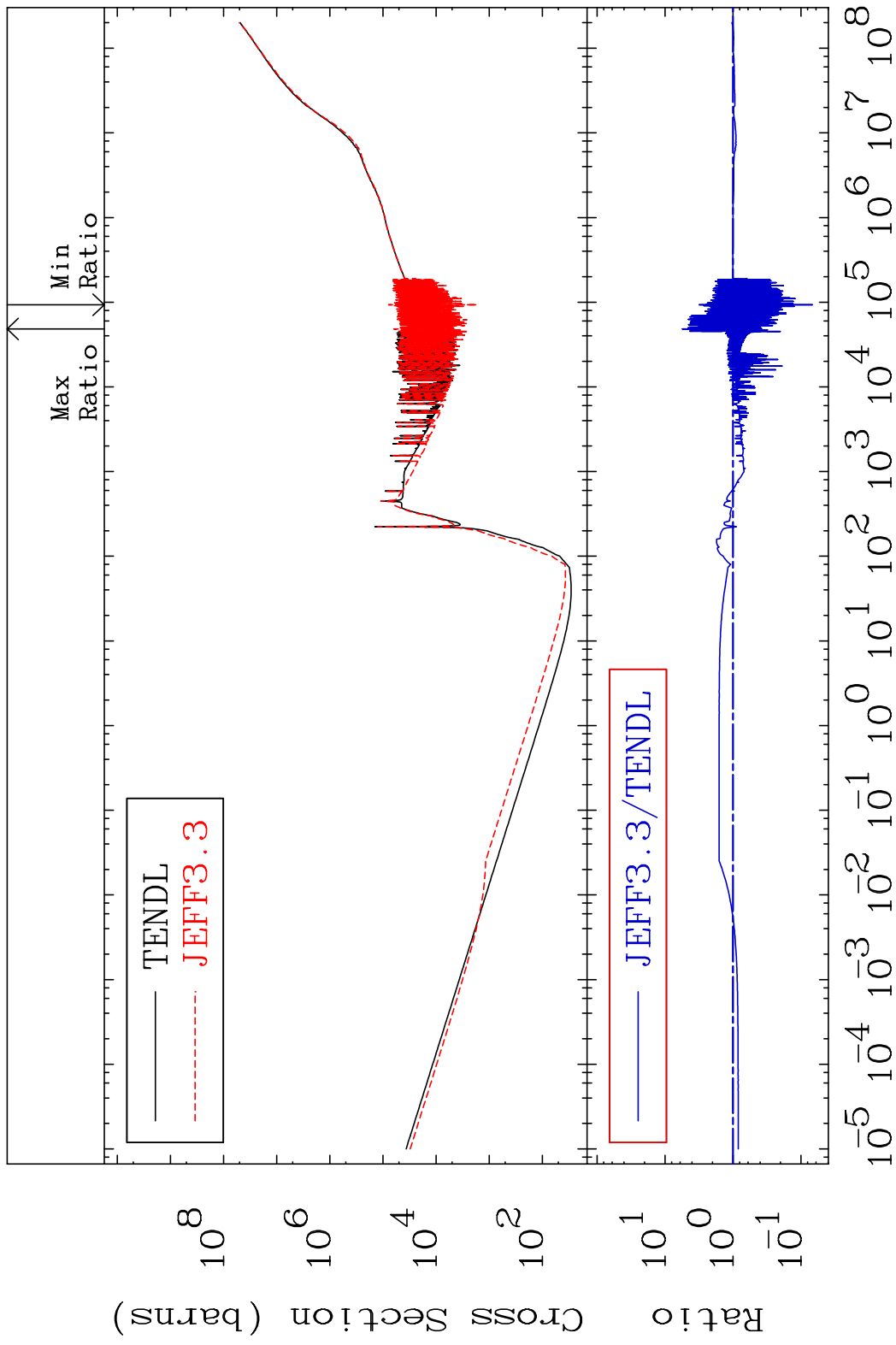
30-Zn-67

MAT 3034 Total photon (eV-barns) 30-Zn-67
 Cross Section -99.90 To 9999. %



75 Incident Energy (eV) 30-Zn-67

MAT 3034 Total kinematic kerma (high limit) 30-Zn-67
 Cross Section -93.24 To 456.0 %

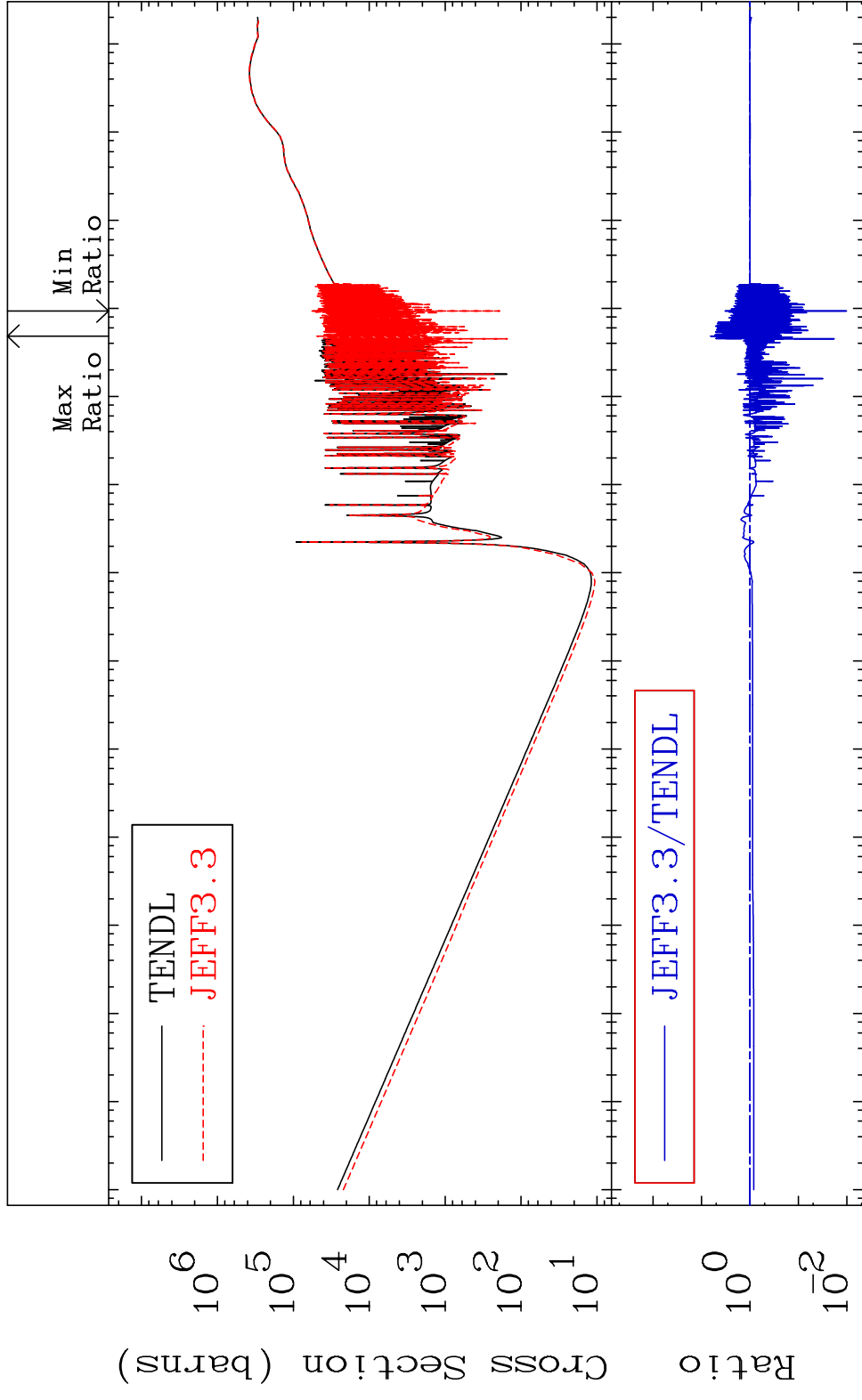


MAT 3034

Dpa total (eV-barns)

30-Zn-67

Cross Section -98.97 To 546.1 %



77

Incident Energy (eV)

30-Zn-67

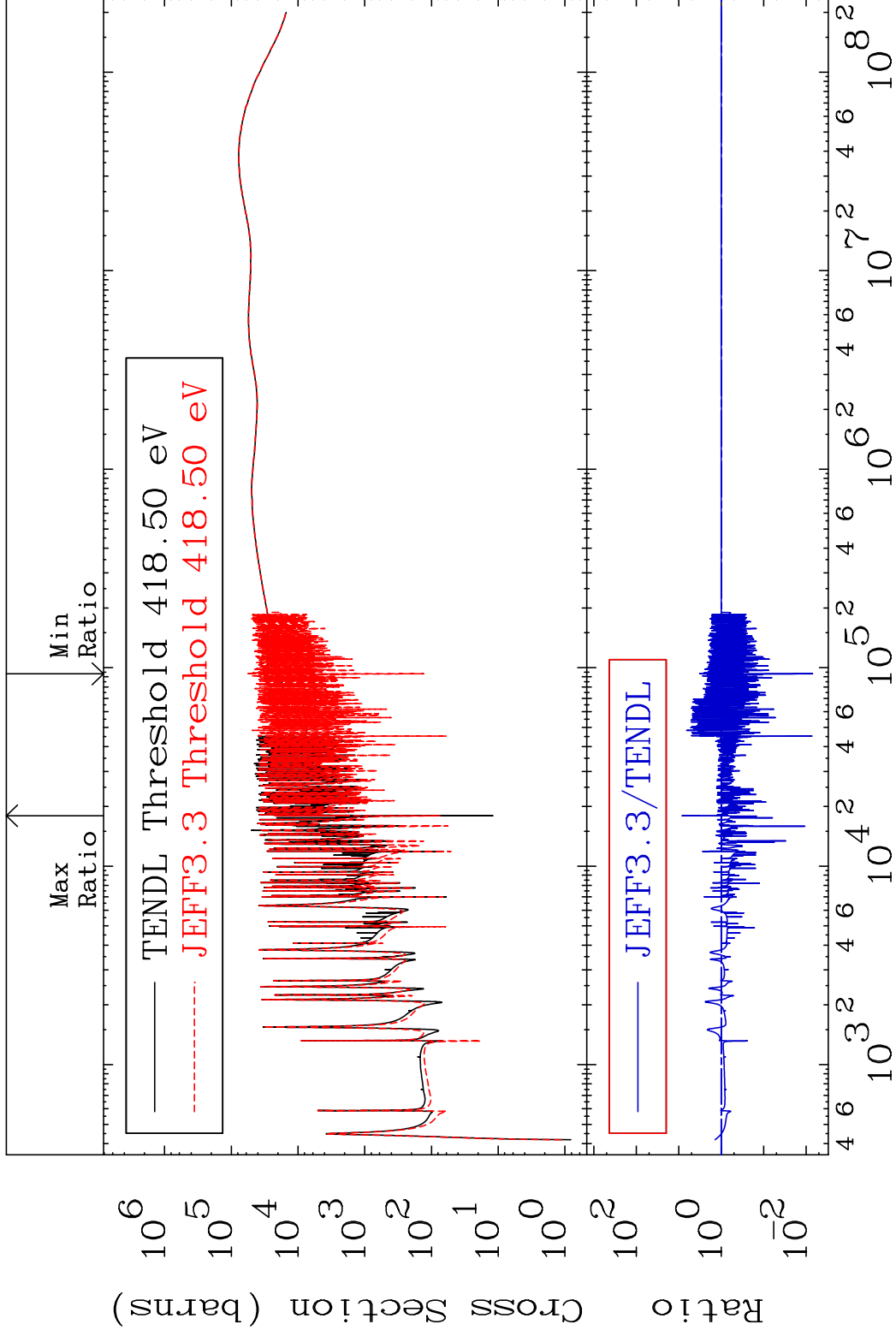
MAT 3034

Dpa elastic (mt2)

30-Zn-67

Cross Section

-99.29 To 735.7 %

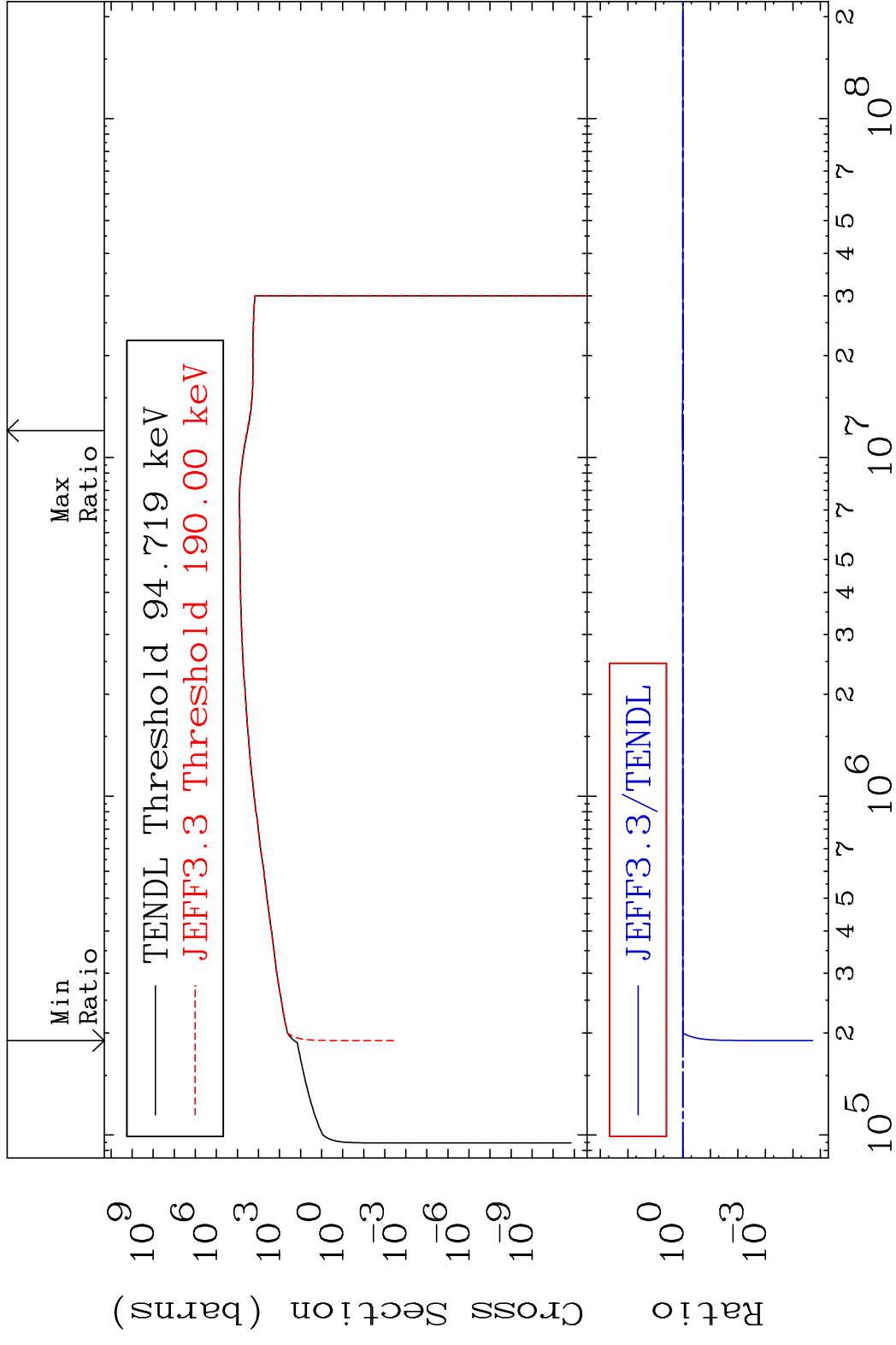


78

Incident Energy (eV)

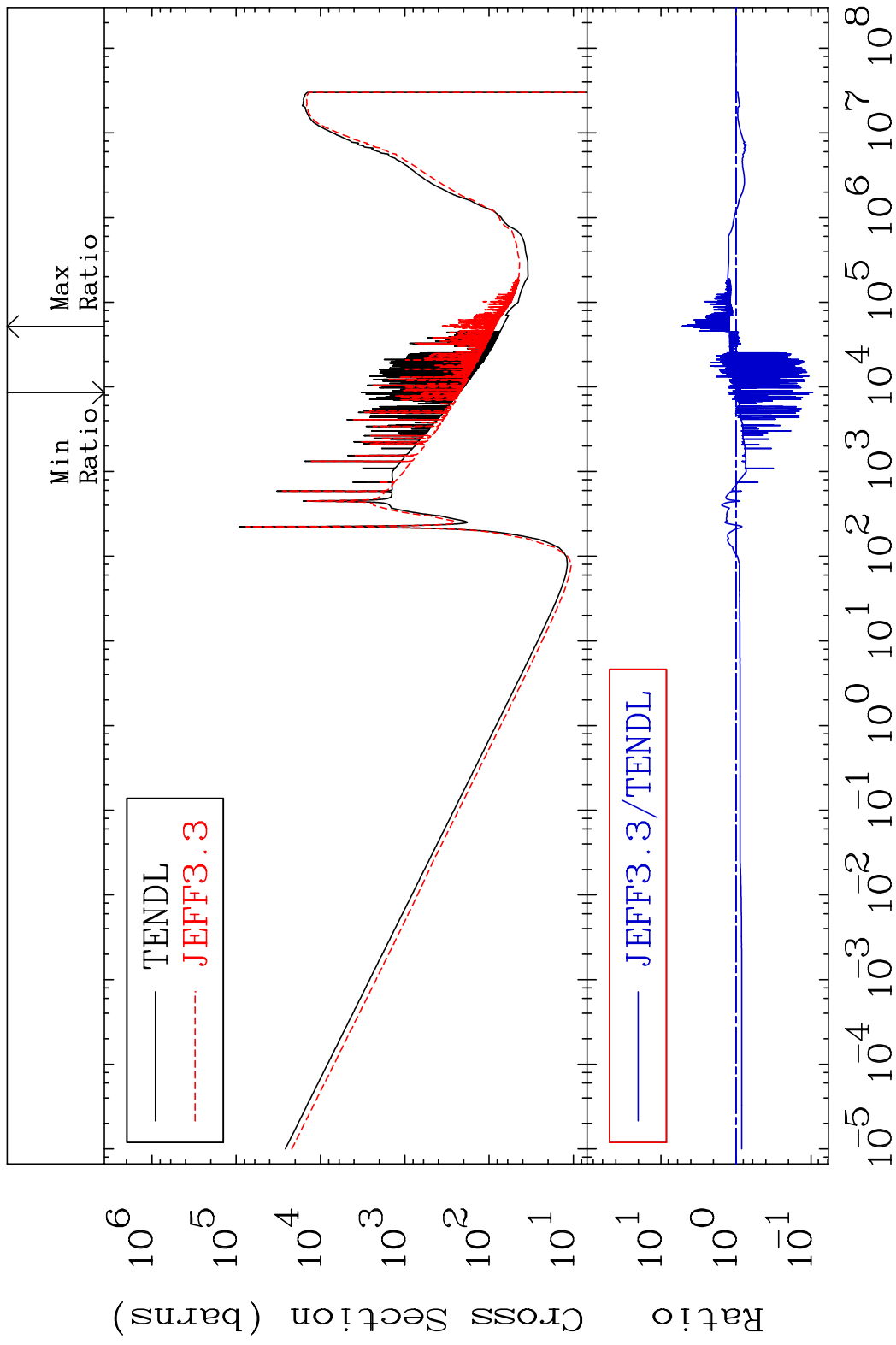
30-Zn-67

MAT 3034 Dpa inelastic (mt51-91) 30-Zn-67
 Cross Section -100.0 To 4.570 %



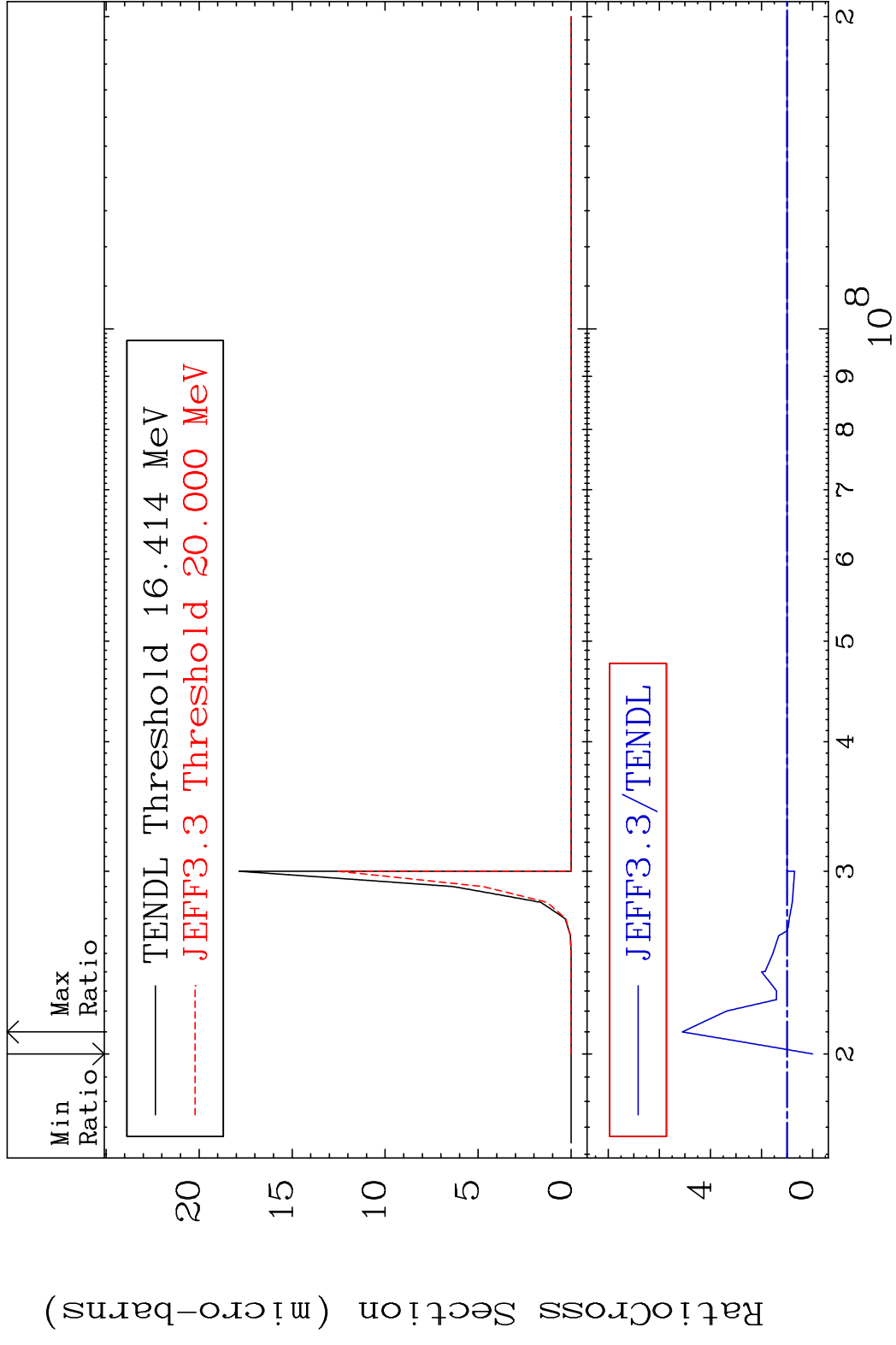
79 Incident Energy (eV) 30-Zn-67

MAT 3034 Dpa disappearance (mt102 -120) 30-Zn-67
 Cross Section -90.46 To 418.3 %

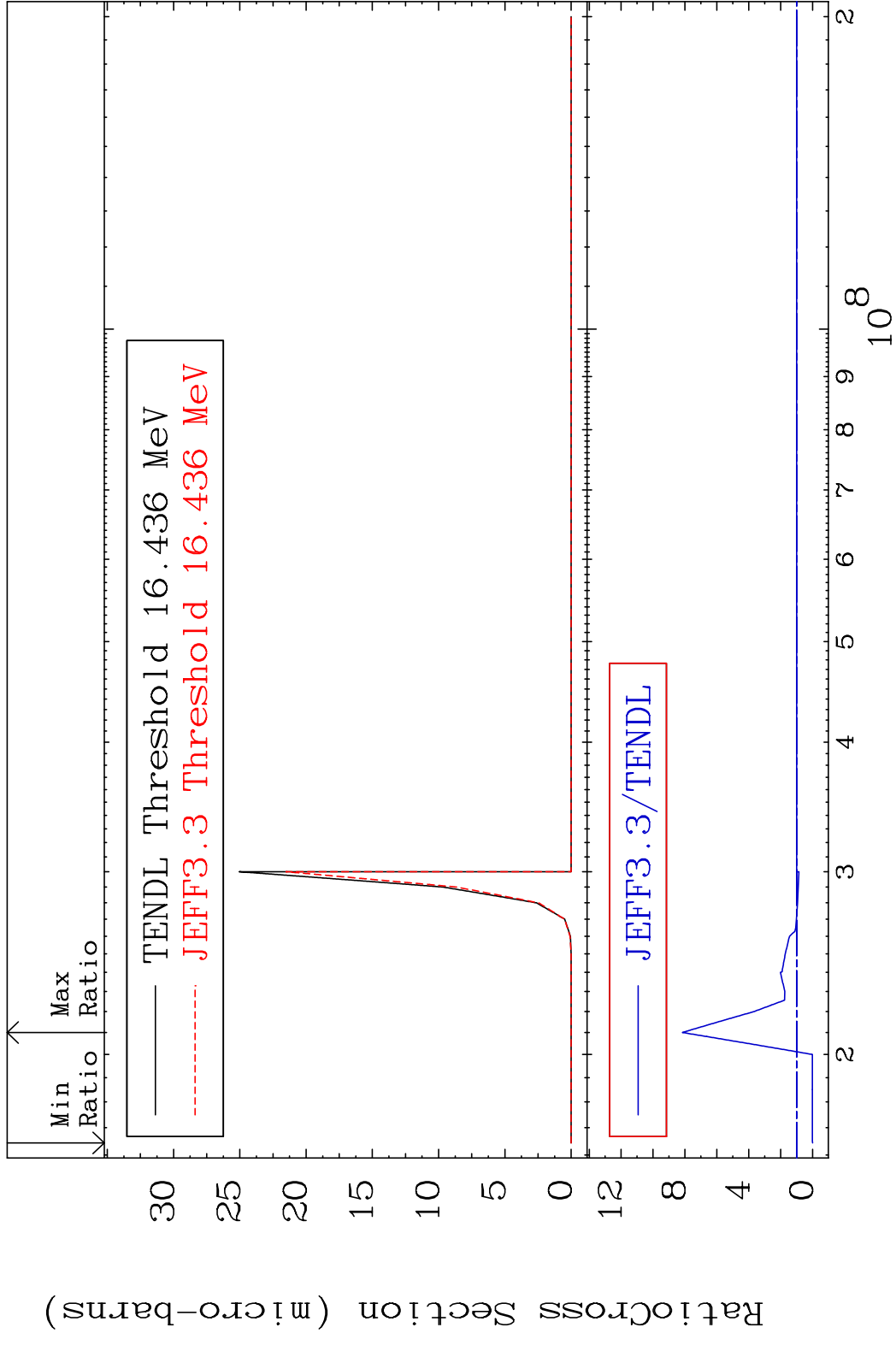


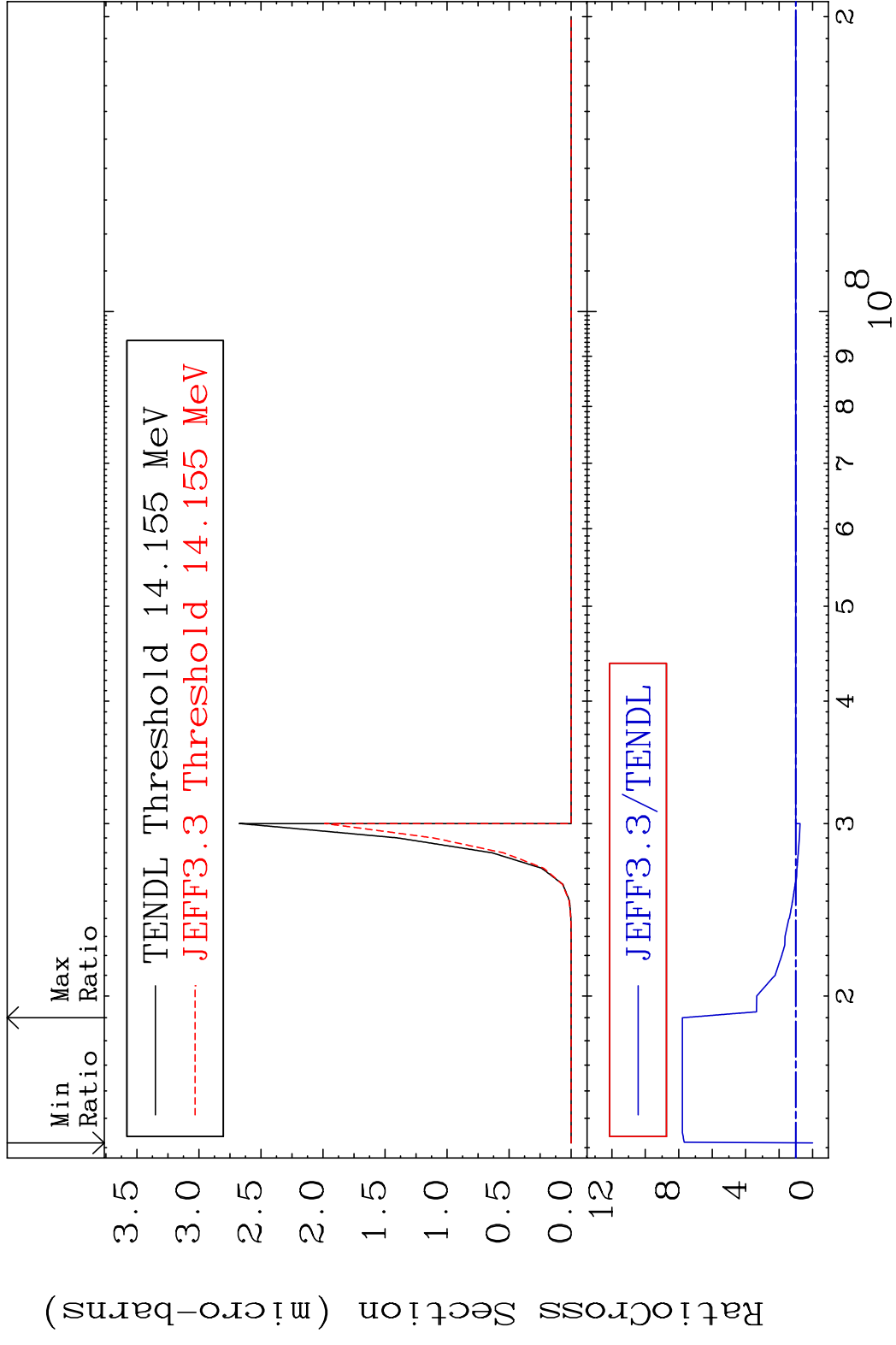
80 Incident Energy (eV) 30-Zn-67

MAT 3034 (n, n') p α :27-Co-62g 30-Zn-67
 Radionuclide Production Cross Section 180.01 dth 409.8 %



MAT 3034 (n, n') p α :27-Co-62m1 30-Zn-67
 Radionuclide Production Cross Section 180.0 dno 716.2 %





MAT 3034 (n, d) α :27-Co-62m1 30-Zn-67
 Radionuclide Production Cross Section 616.9 %

