

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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Press Mouse Button to Start

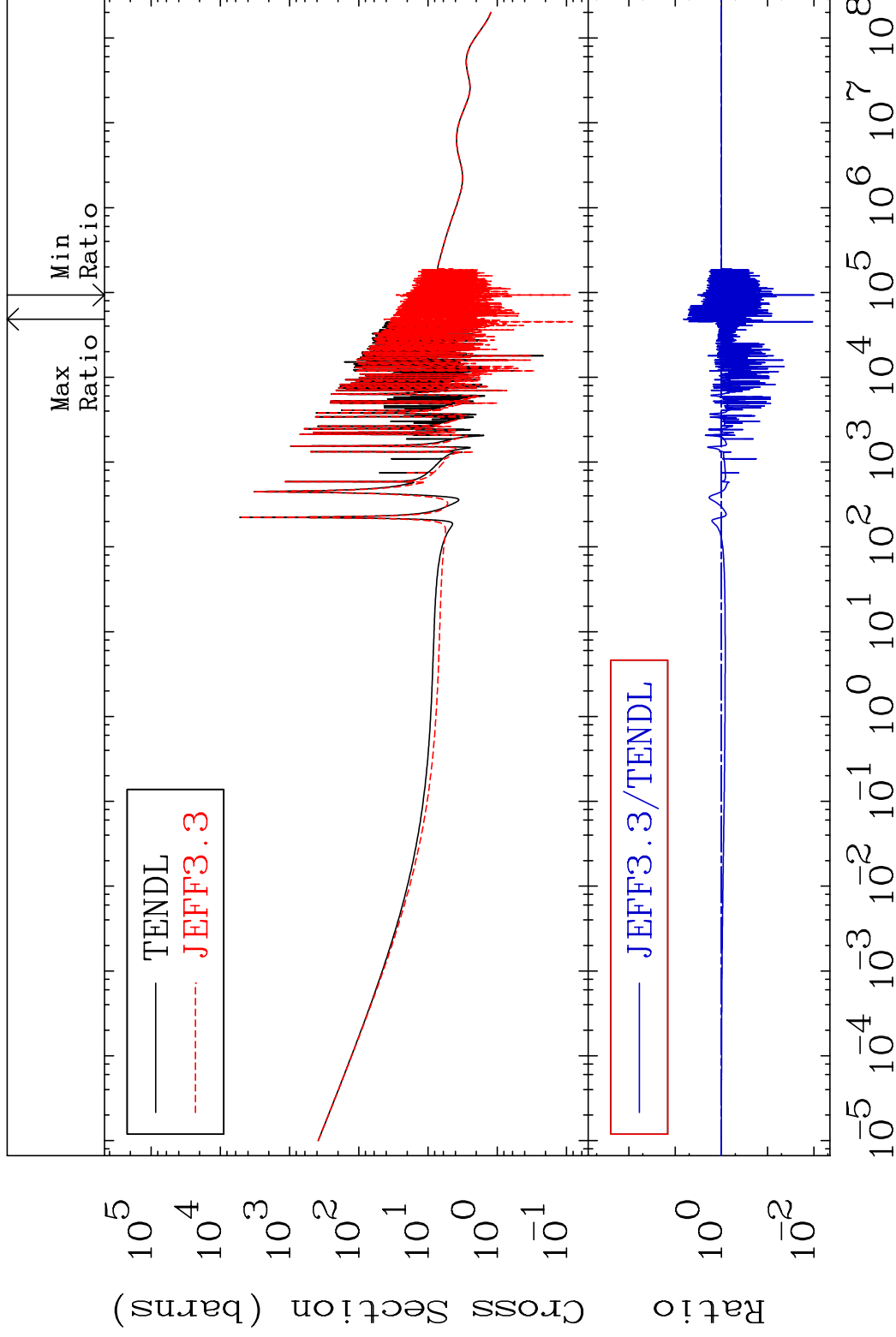
MAT 3034

Total

30-Zn-67

Cross Section

-99.01 To 555.8 %



1

Incident Energy (eV)

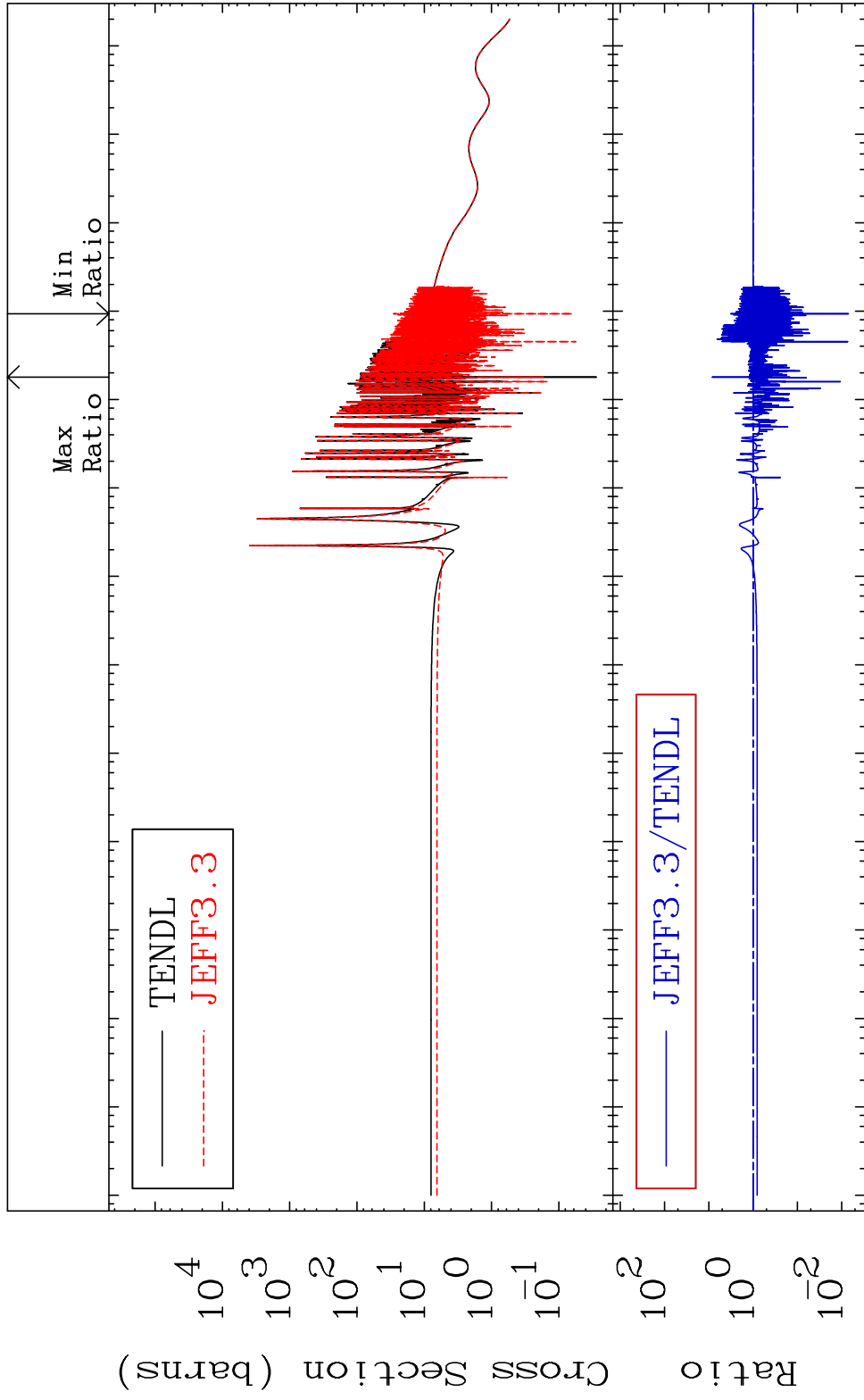
30-Zn-67

MAT 3034

Elastic

30-Zn-67

Cross Section -99.29 To 735.7 %

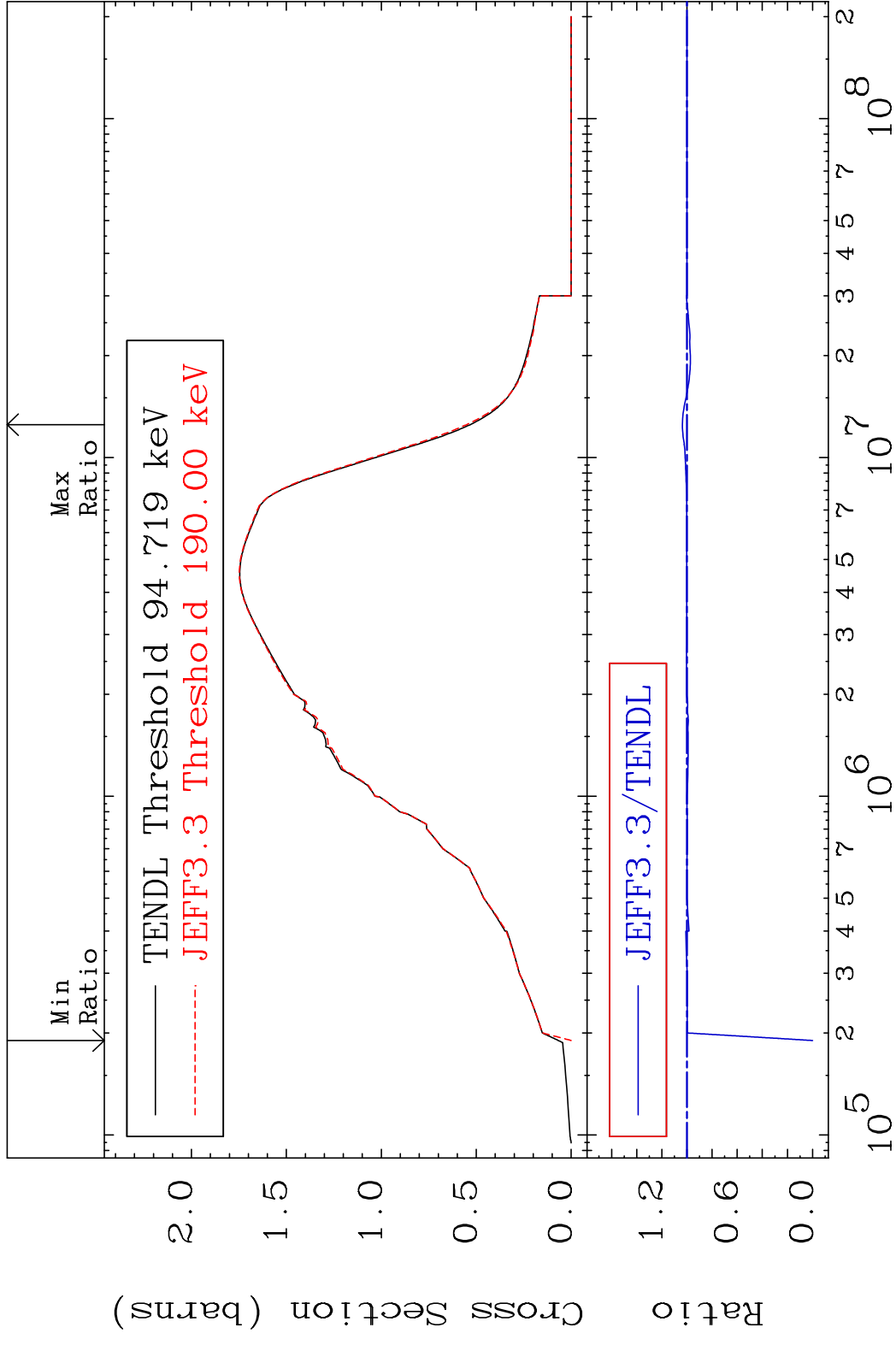


2

Incident Energy (eV)

30-Zn-67

MAT 3034 Inelastic Cross Section -100.0 To 3.656 % 30-Zn-67



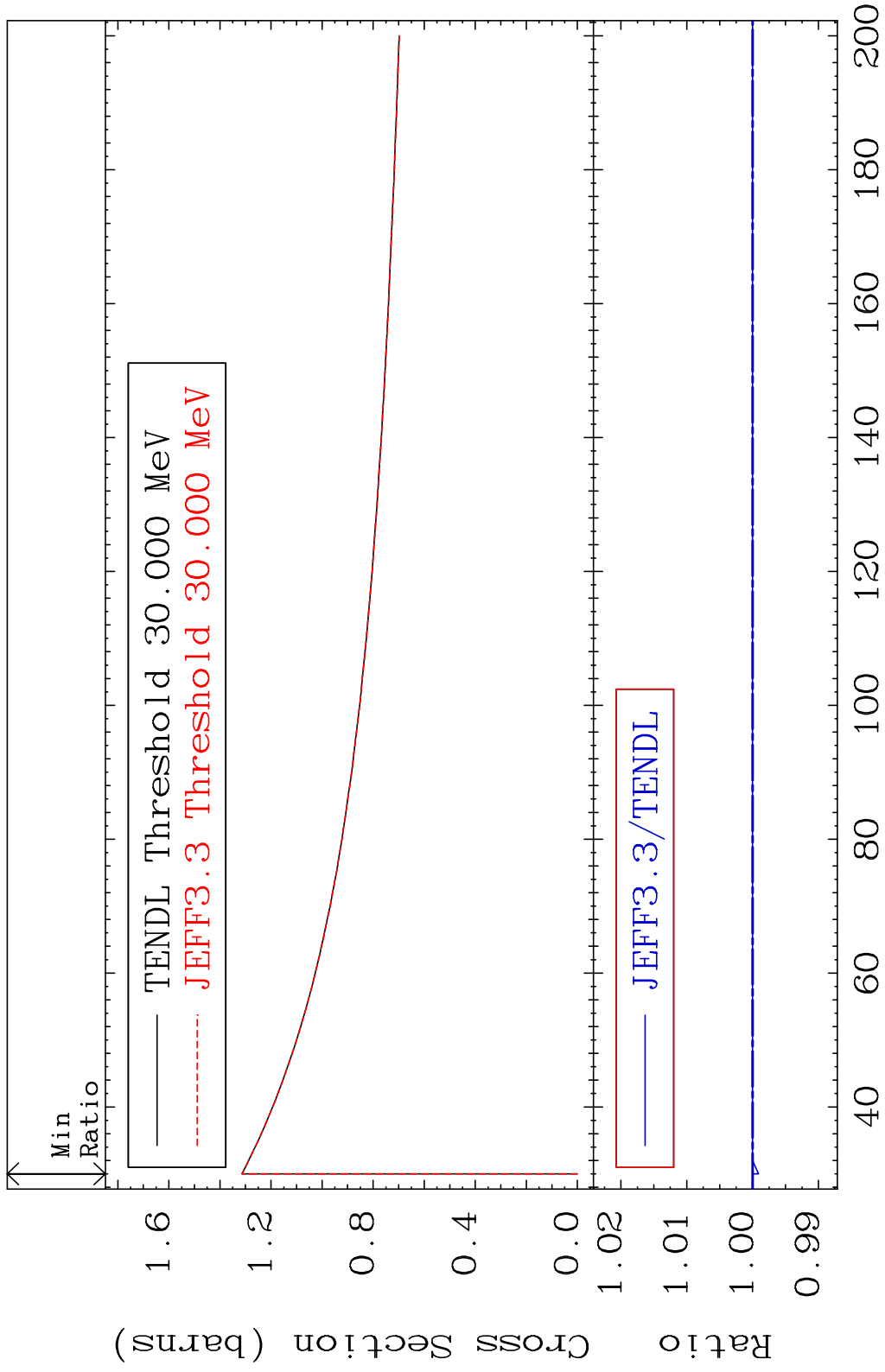
3 30-Zn-67

MAT 3034

(n, remainder)

30-Zn-67

Cross Section -0.091 To 0.000 %

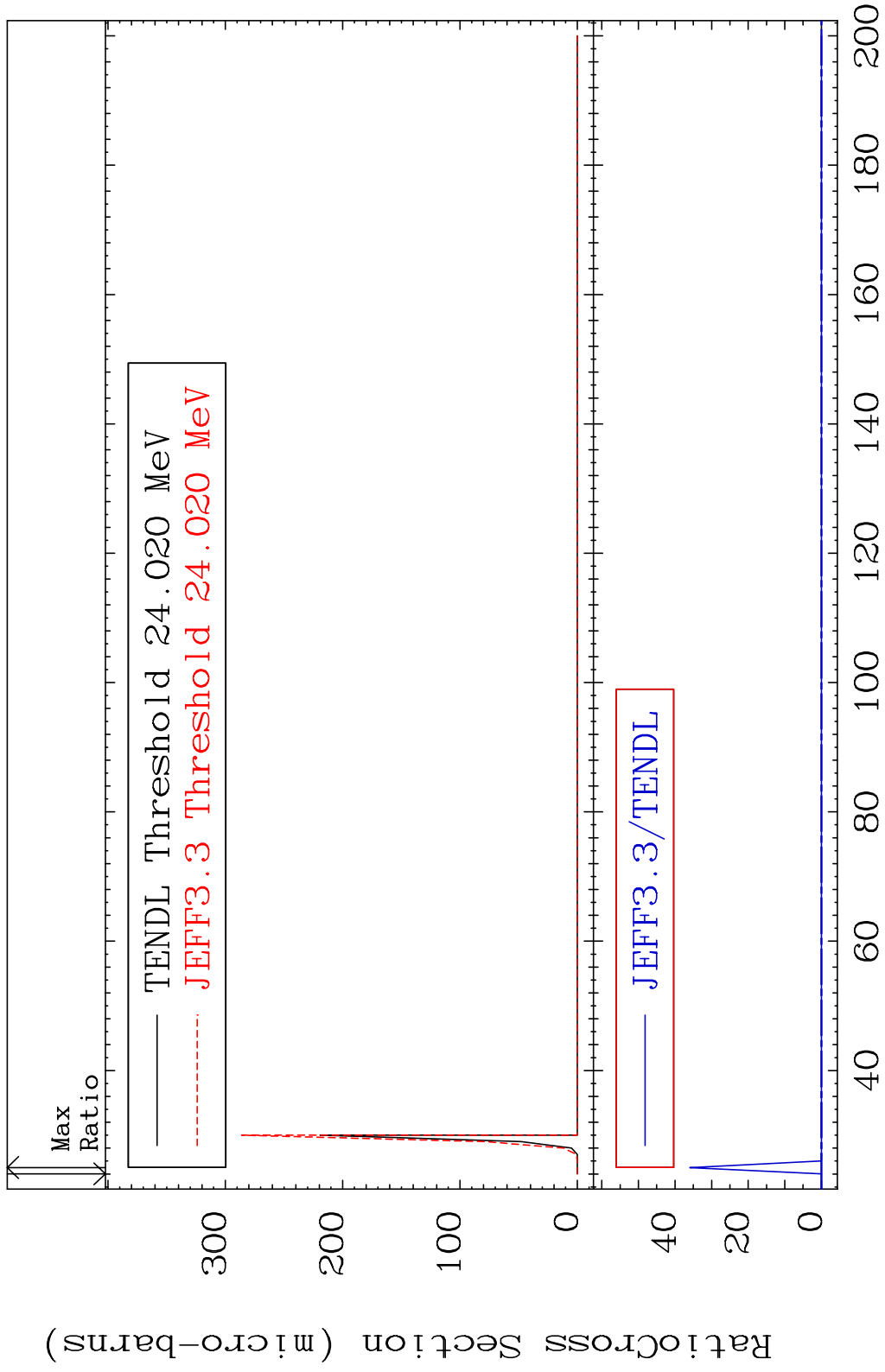


4

Incident Energy (MeV)

30-Zn-67

MAT 3034 (n,2n) d 30-Zn-67
Cross Section -100.0 To 9999. %

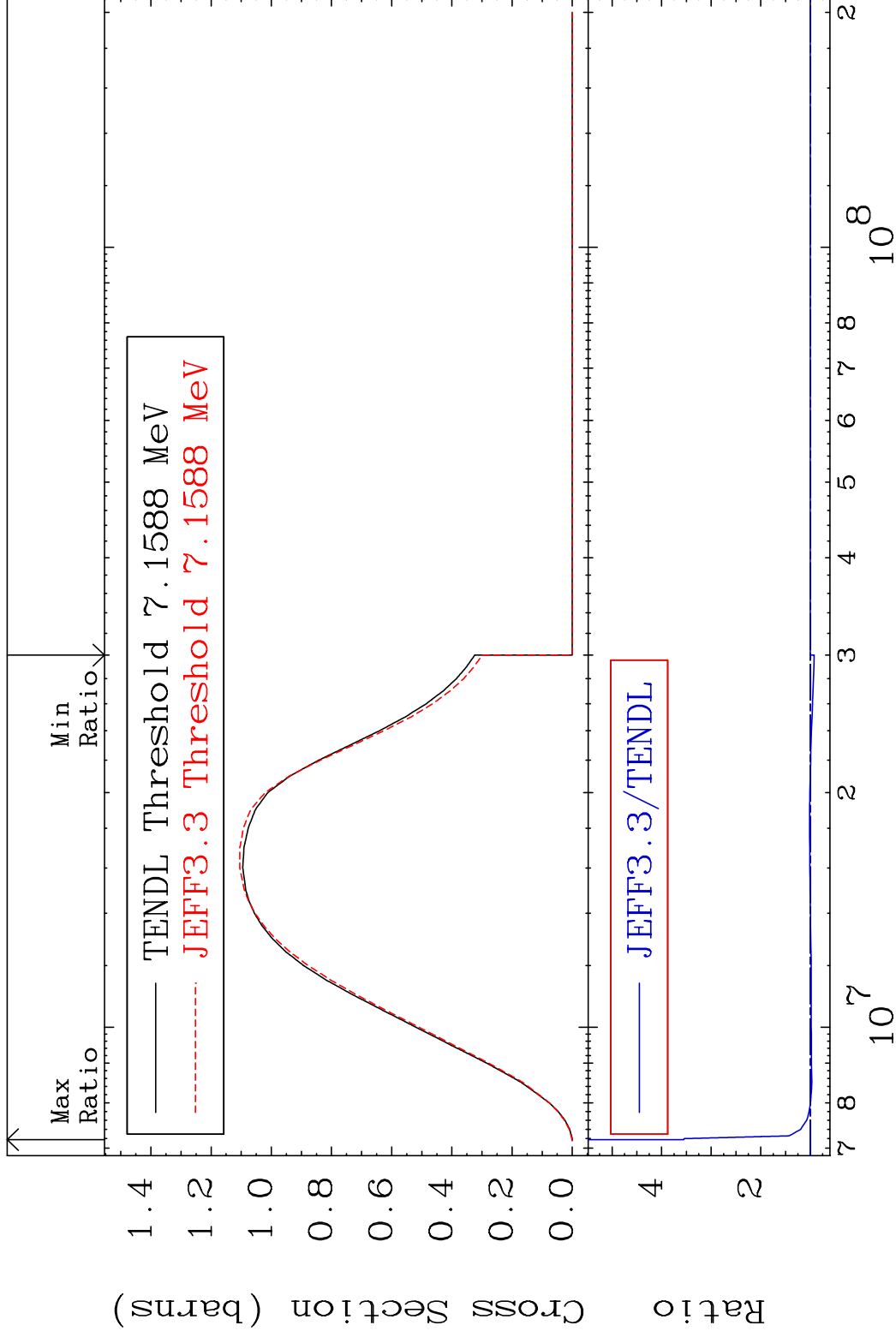


MAT 3034

(n,2n)

30-Zn-67

Cross Section -7.642 To 255.6 %

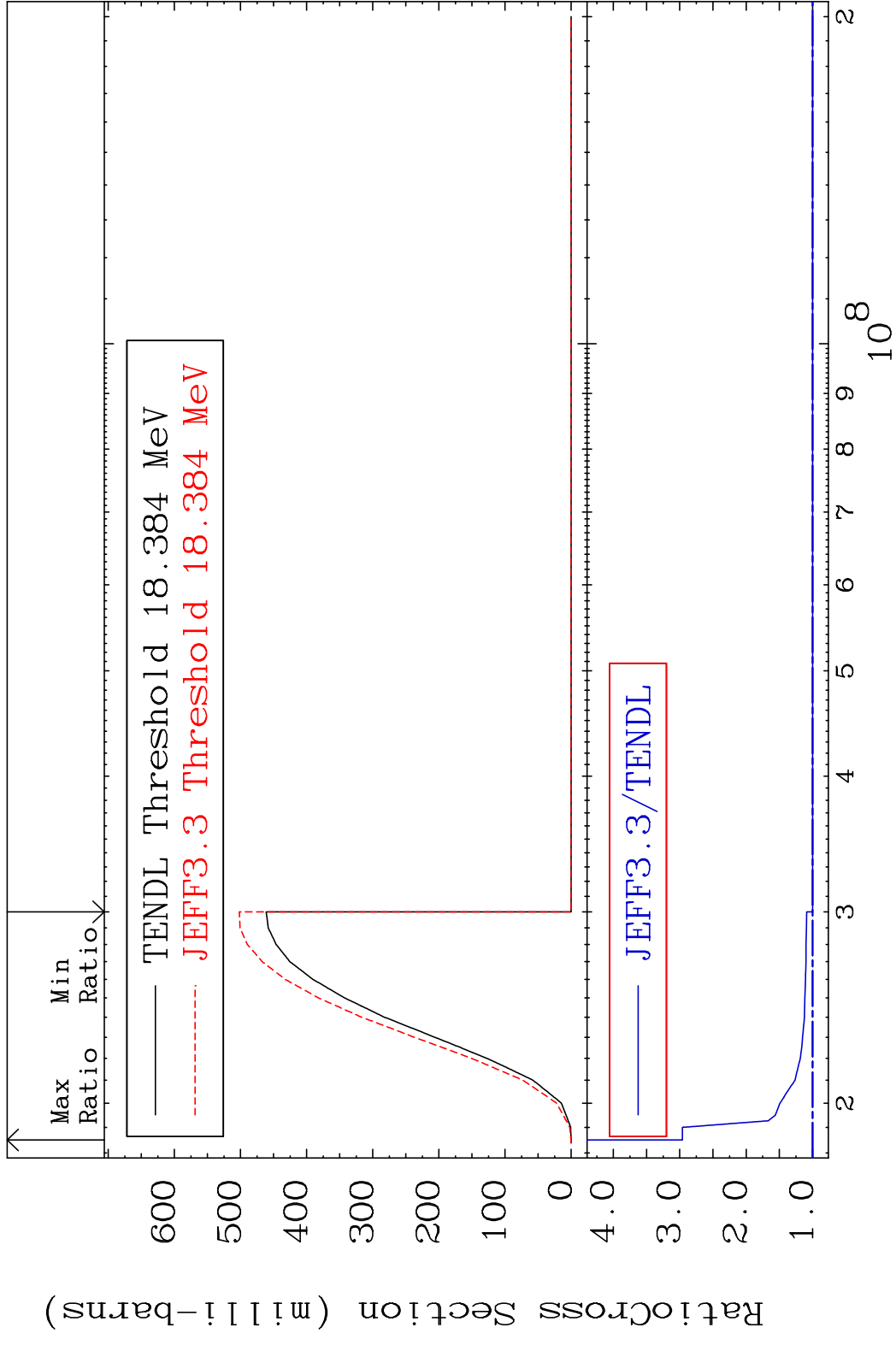


6

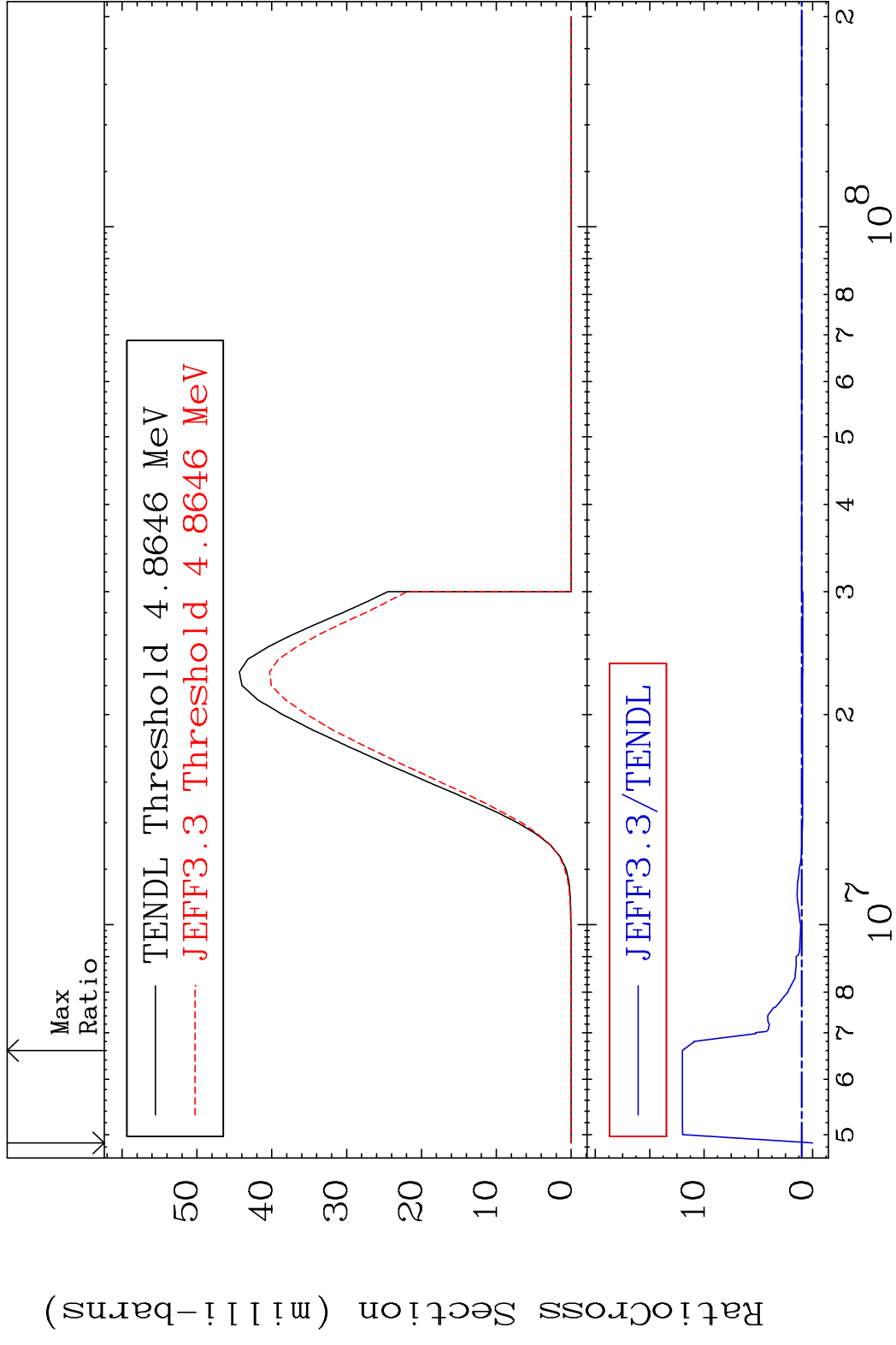
Incident Energy (eV)

30-Zn-67

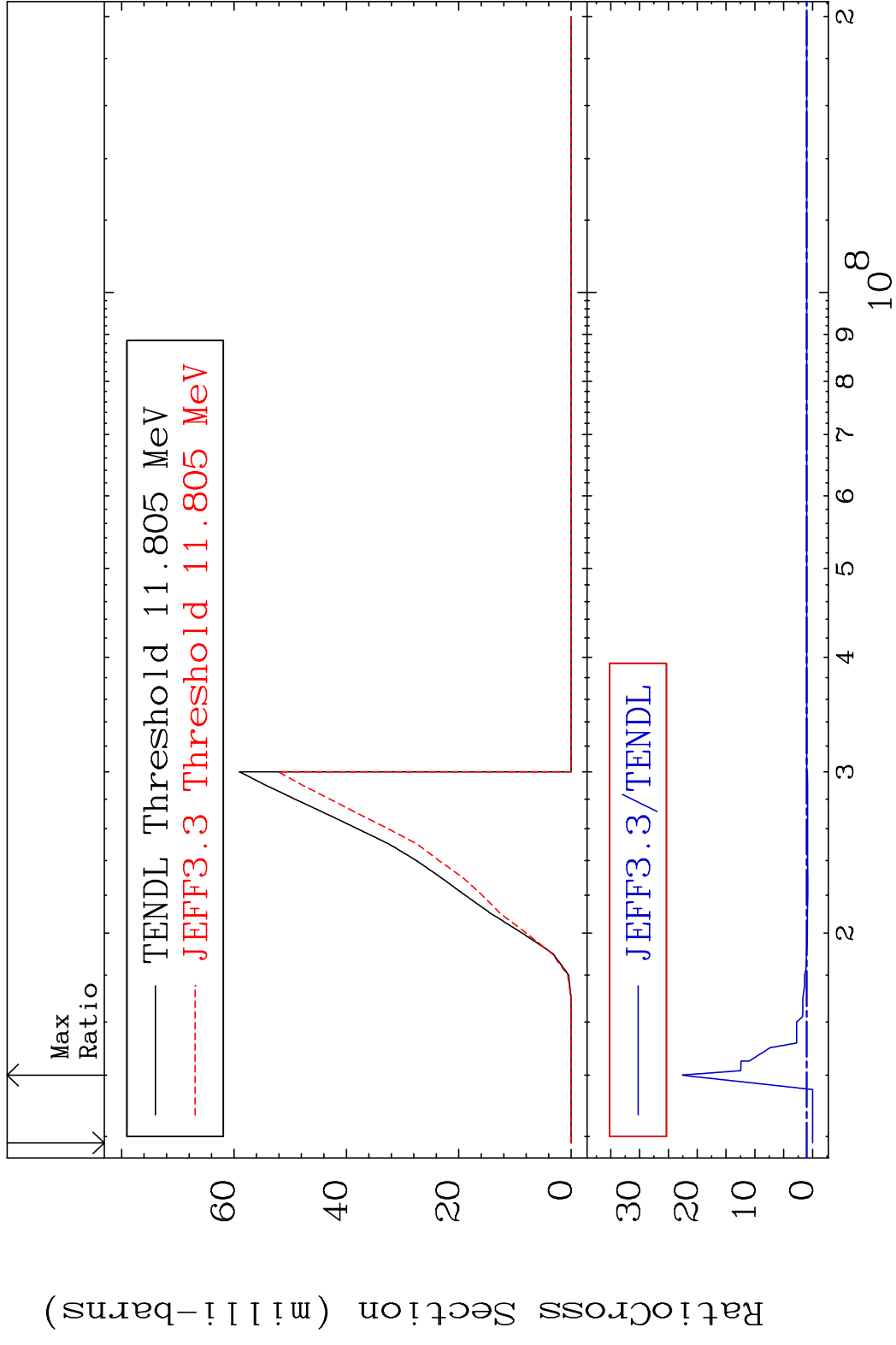
MAT 3034 (n,3n) 30-Zn-67
 Cross Section 0.000 To 196.1 %



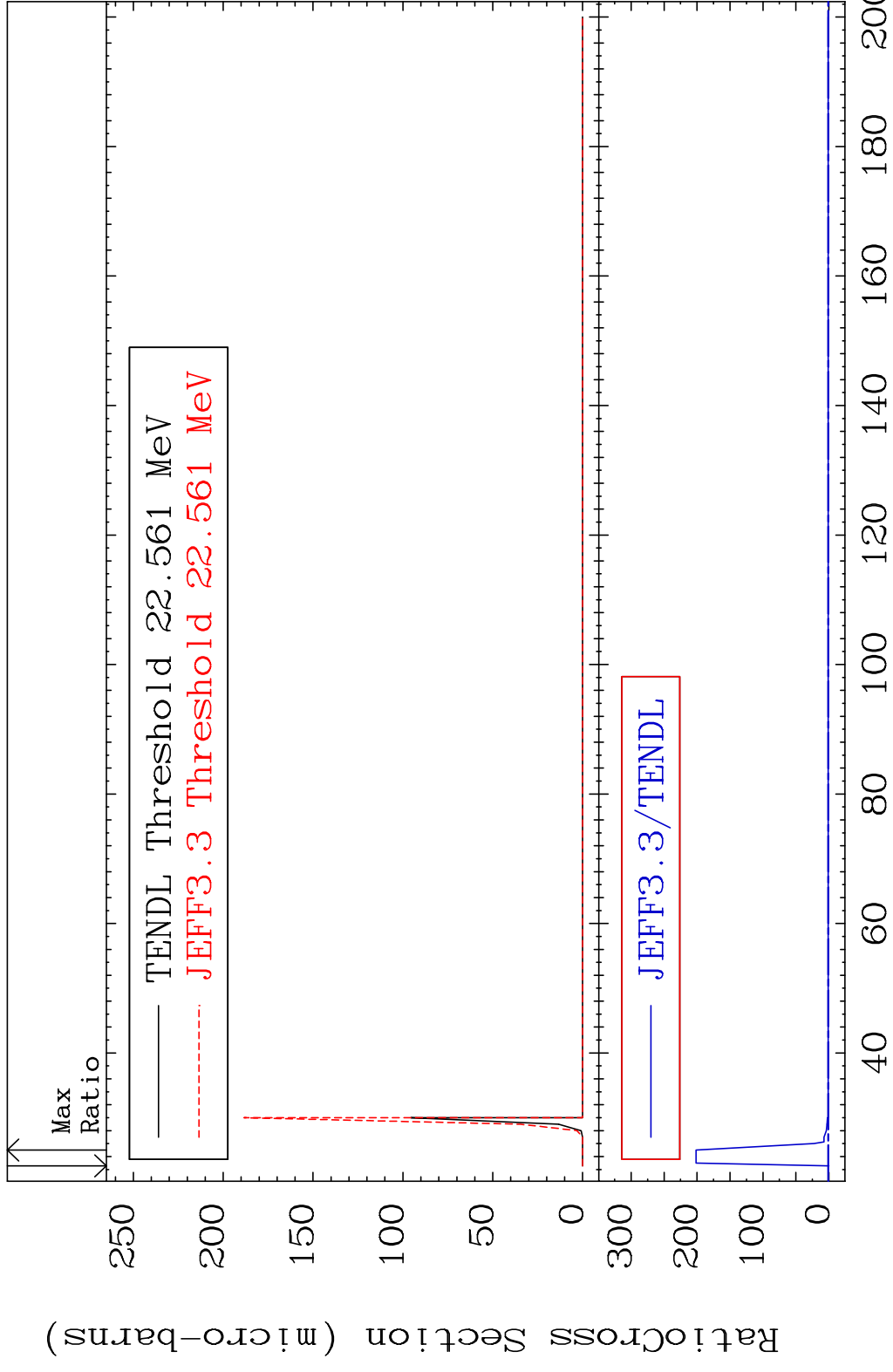
MAT 3034 (n, n') α 30-Zn-67
 Cross Section -100.0 To 1099. %



MAT 3034 (n,2n) α 30-Zn-67
 Cross Section -100.0 To 2158. %



MAT 3034 (n,3n) α 30-Zn-67
Cross Section -100.0 To 9999. %



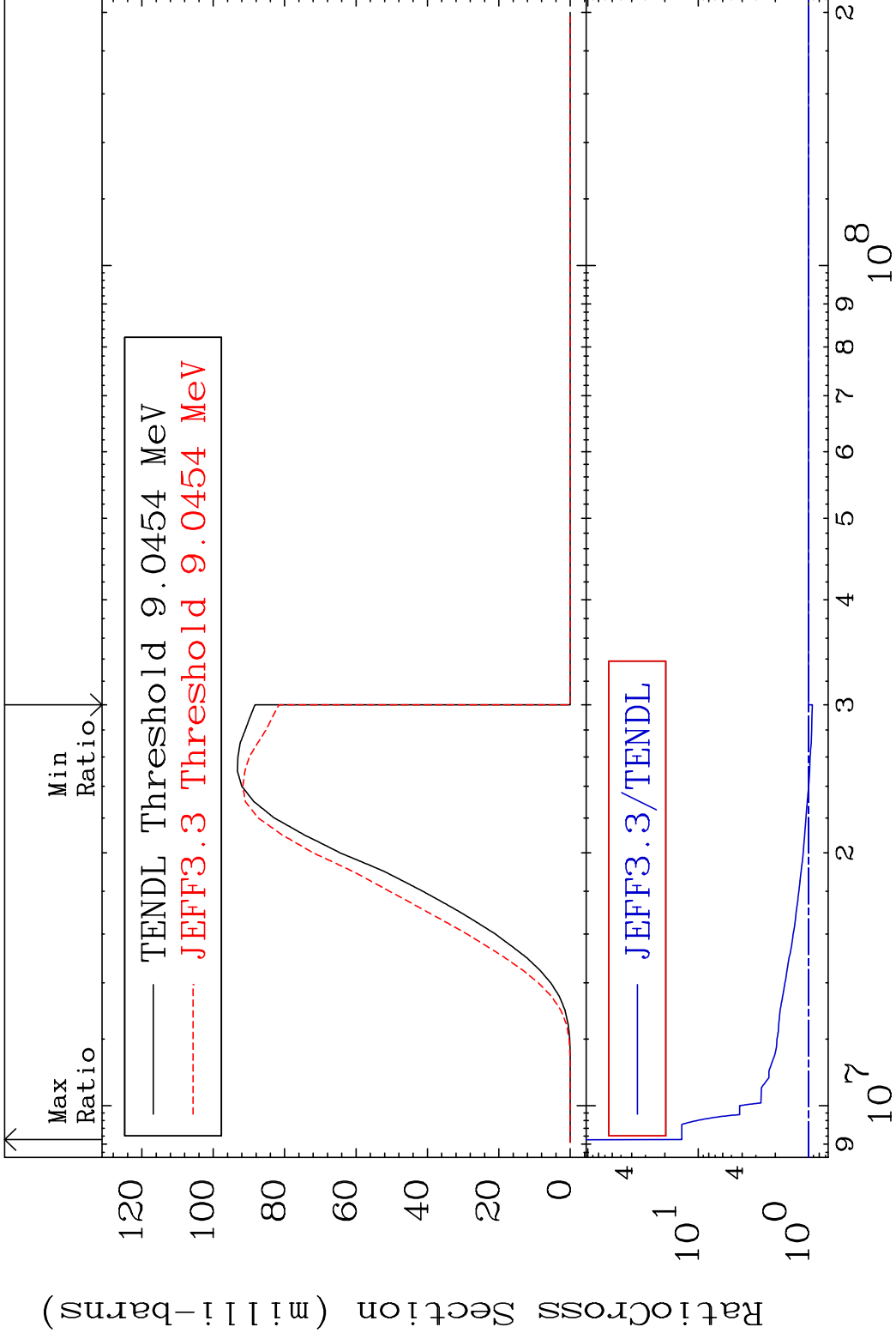
10 Incident Energy (MeV) 30-Zn-67

MAT 3034

(n, n') p

30-Zn-67

Cross Section -7.621 To 1308. %

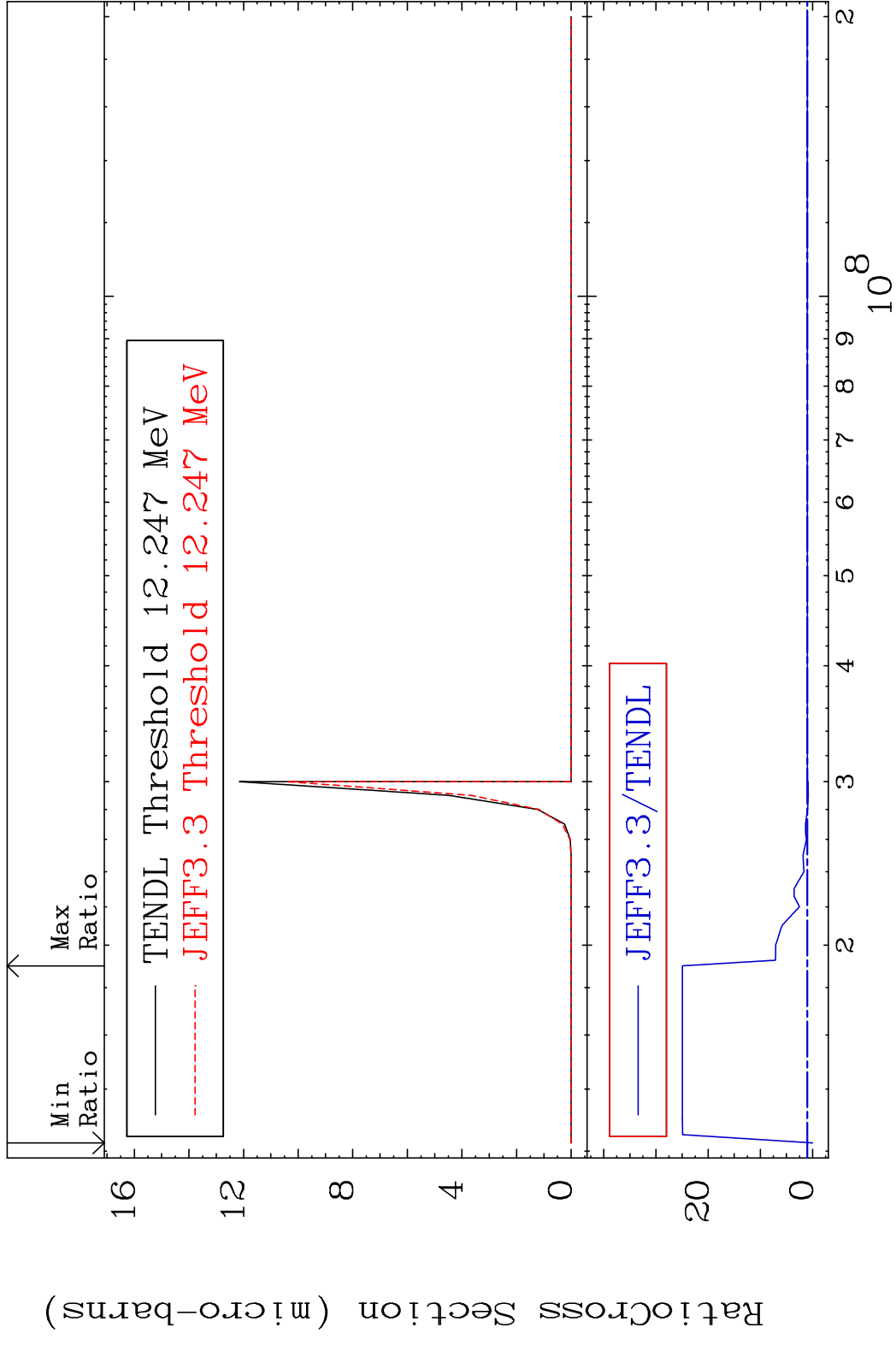


11

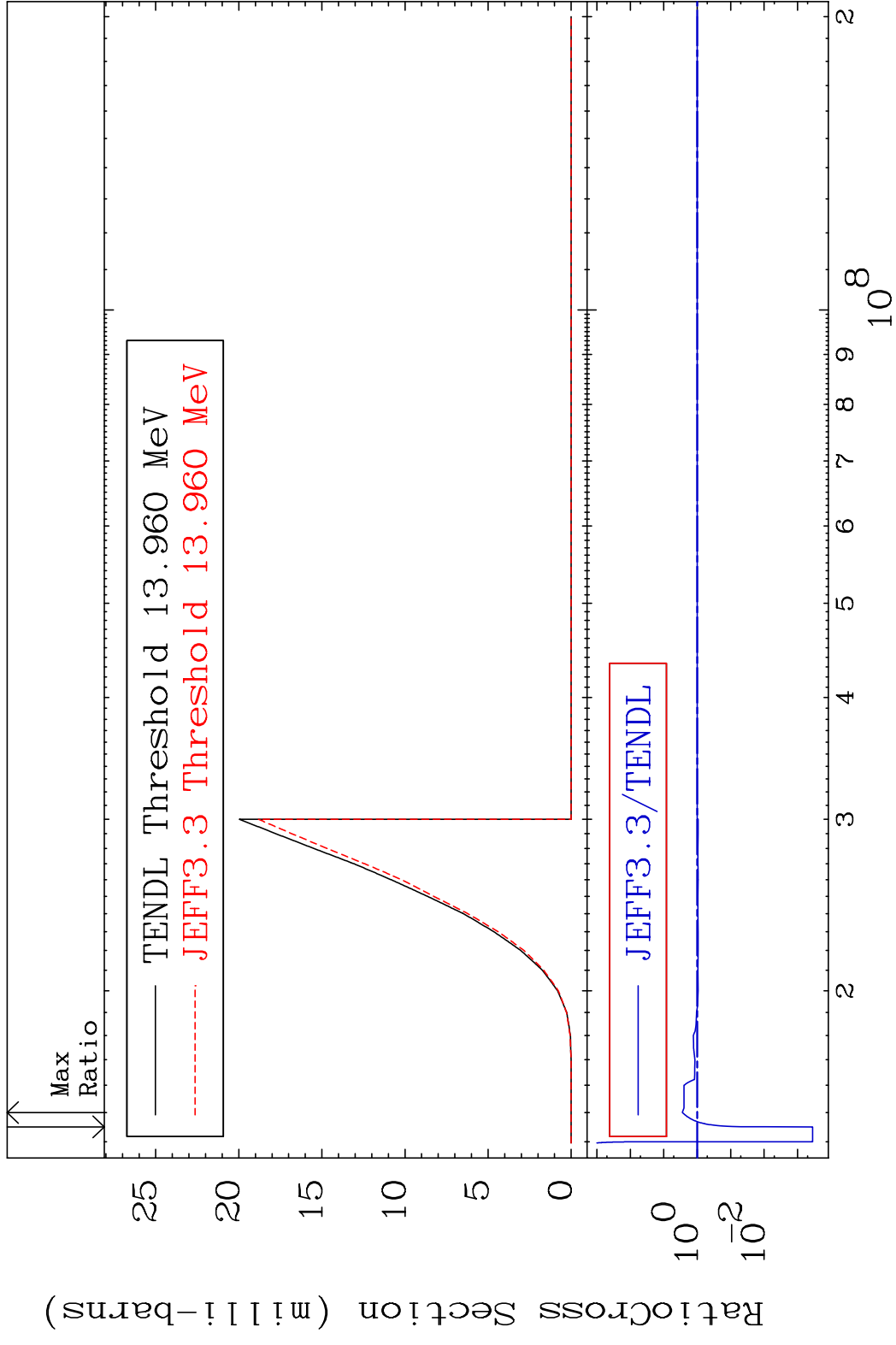
Incident Energy (eV)

30-Zn-67

MAT 3034 (n, n') 2α 30-Zn-67
 Cross Section -100.0 To 2394. %



MAT 3034 (n, n') d 30-Zn-67
 Cross Section -99.96 To 178.2 %

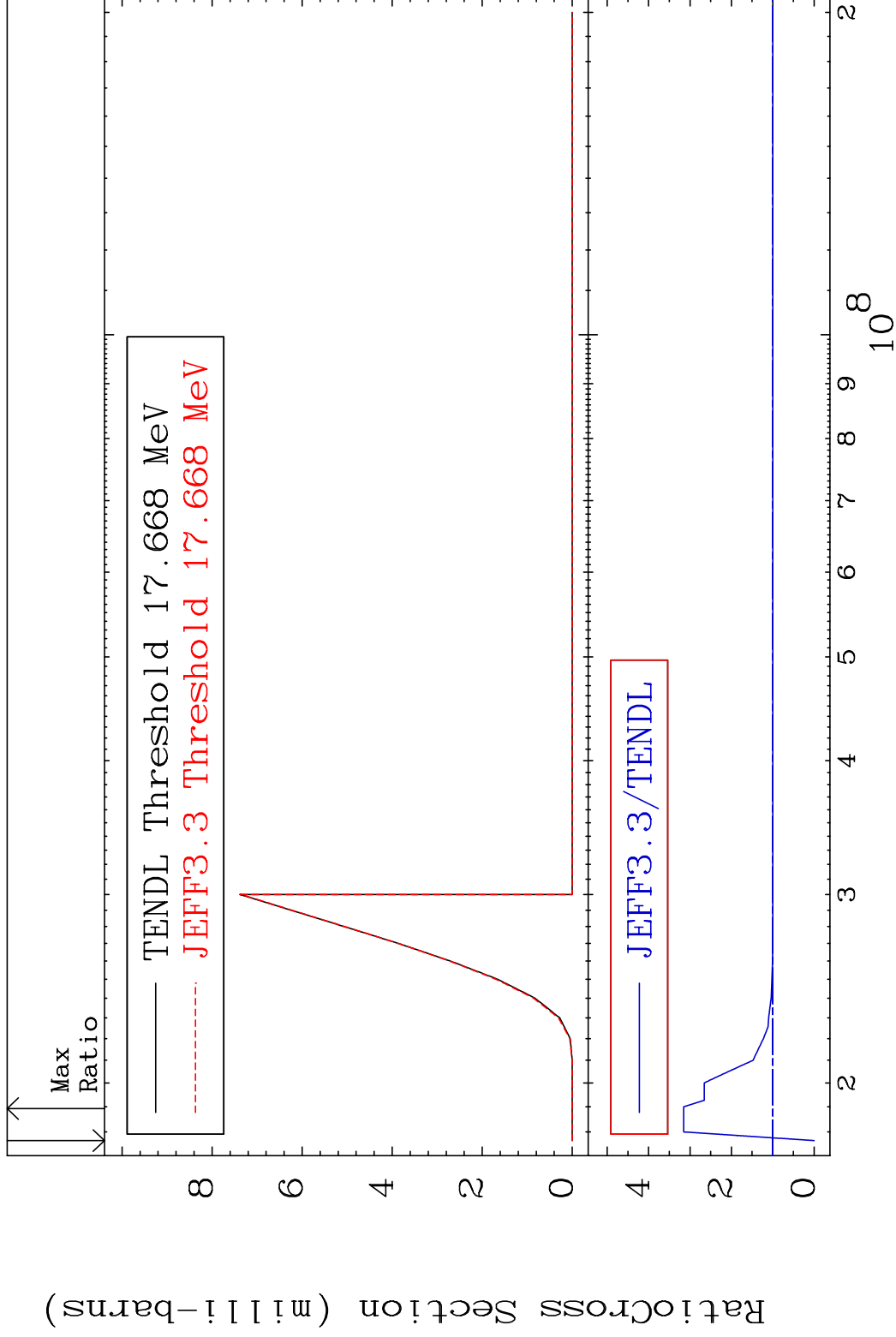


MAT 3034

(n, n') t

30-Zn-67

Cross Section -100.0 To 215.3 %



14

Incident Energy (eV)

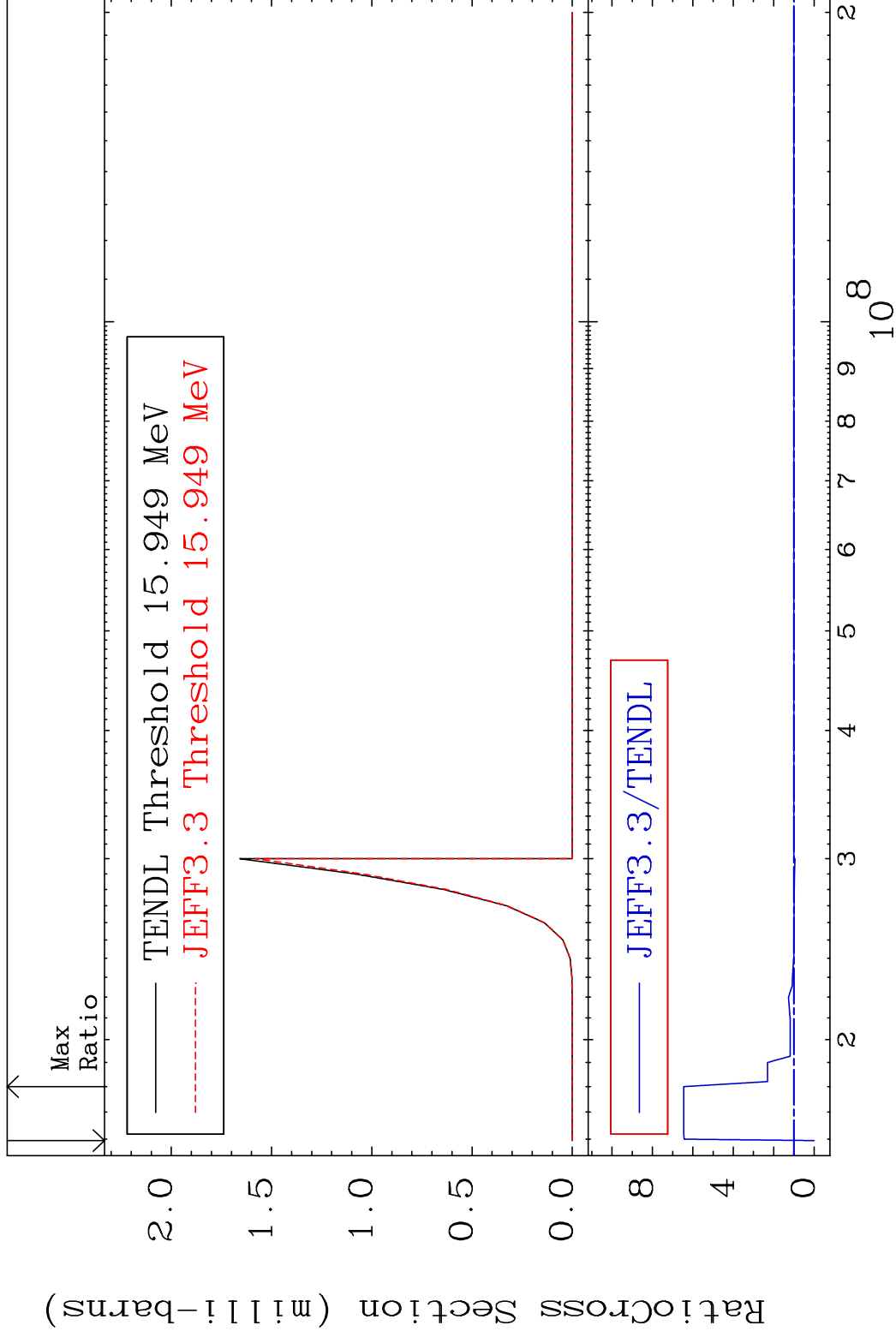
30-Zn-67

MAT 3034

(n,n') He-3

30-Zn-67

Cross Section -100.0 To 545.5 %



15

Incident Energy (eV)

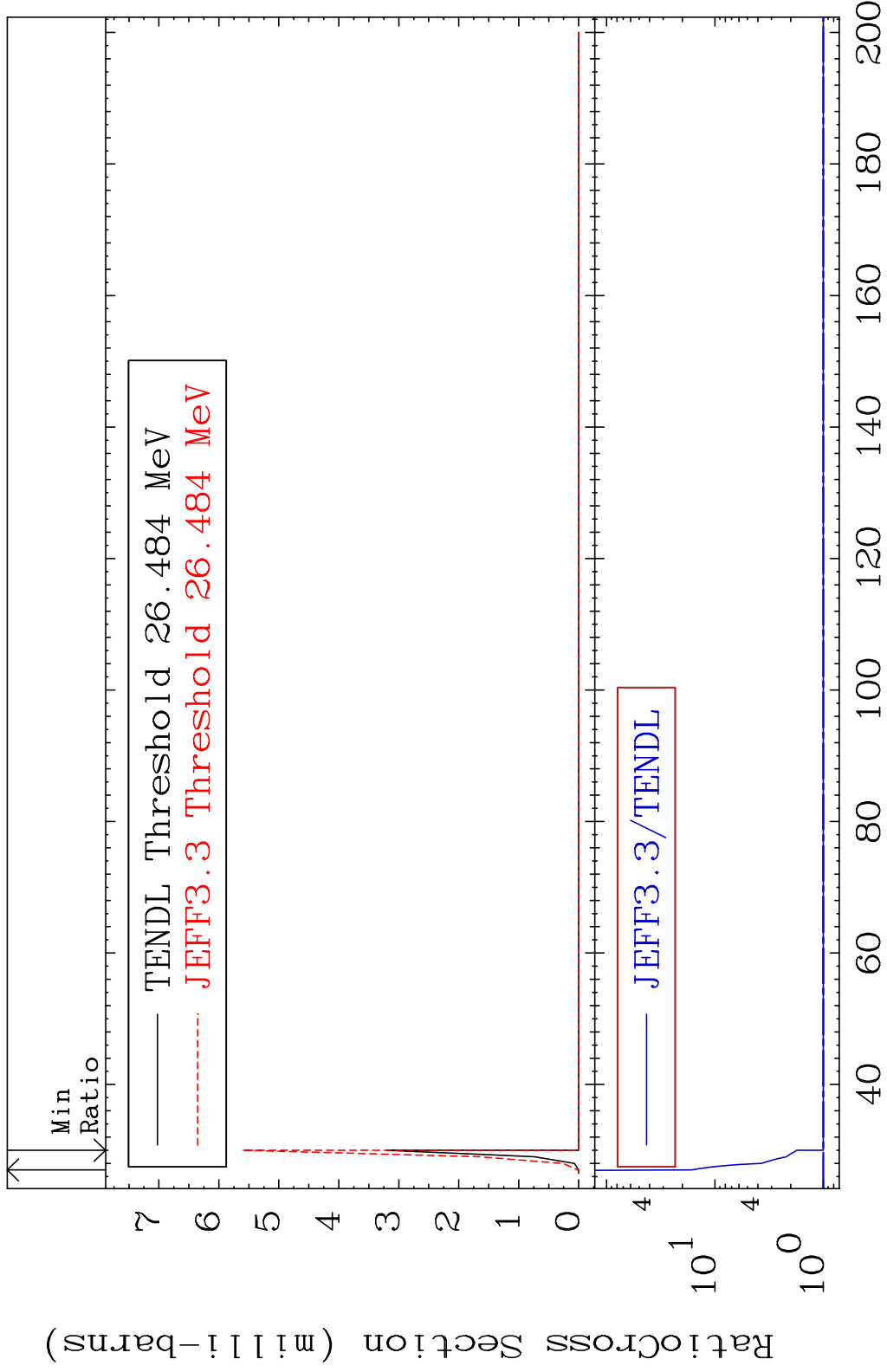
30-Zn-67

MAT 3034

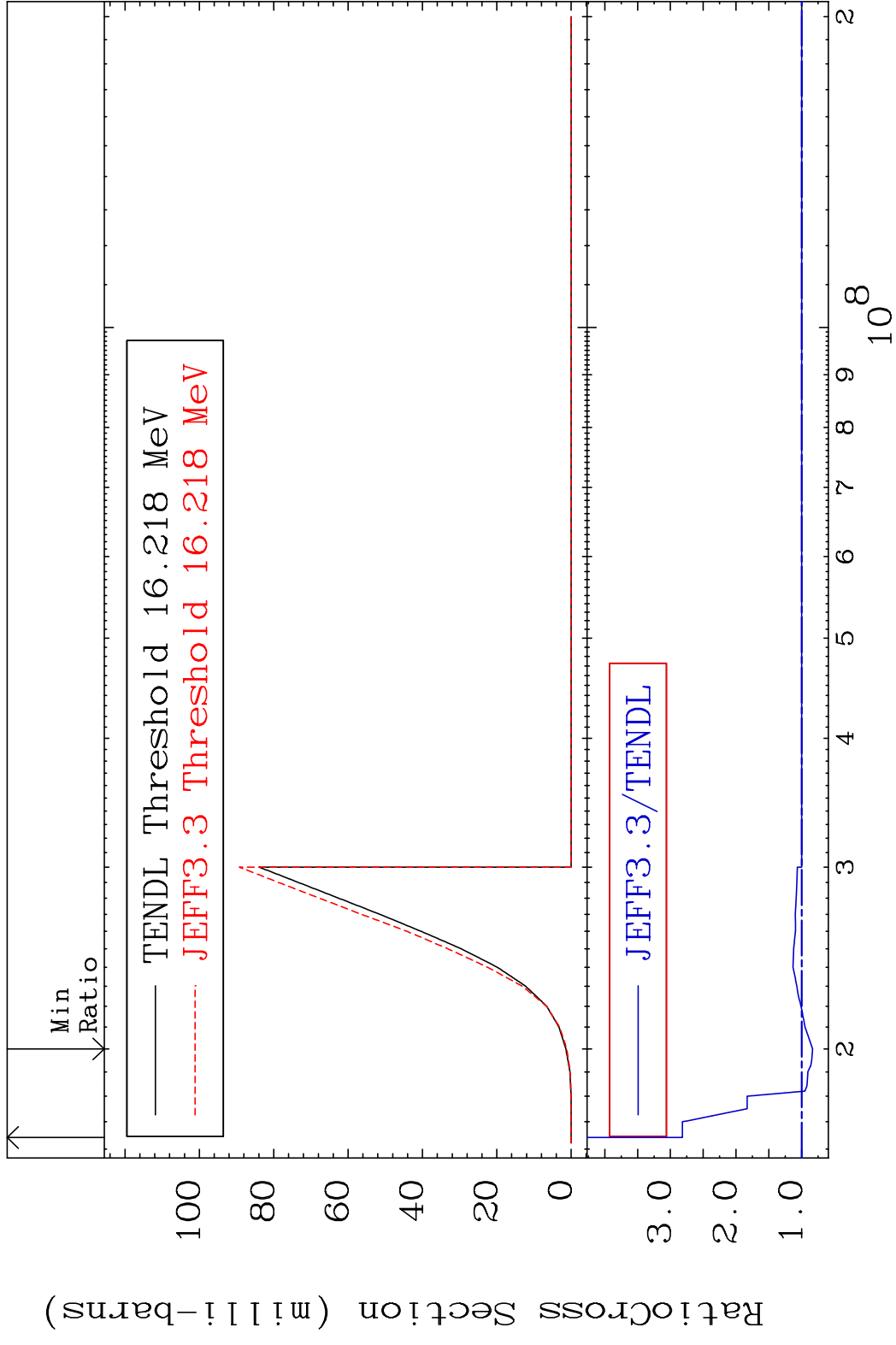
(n,4n)

30-Zn-67

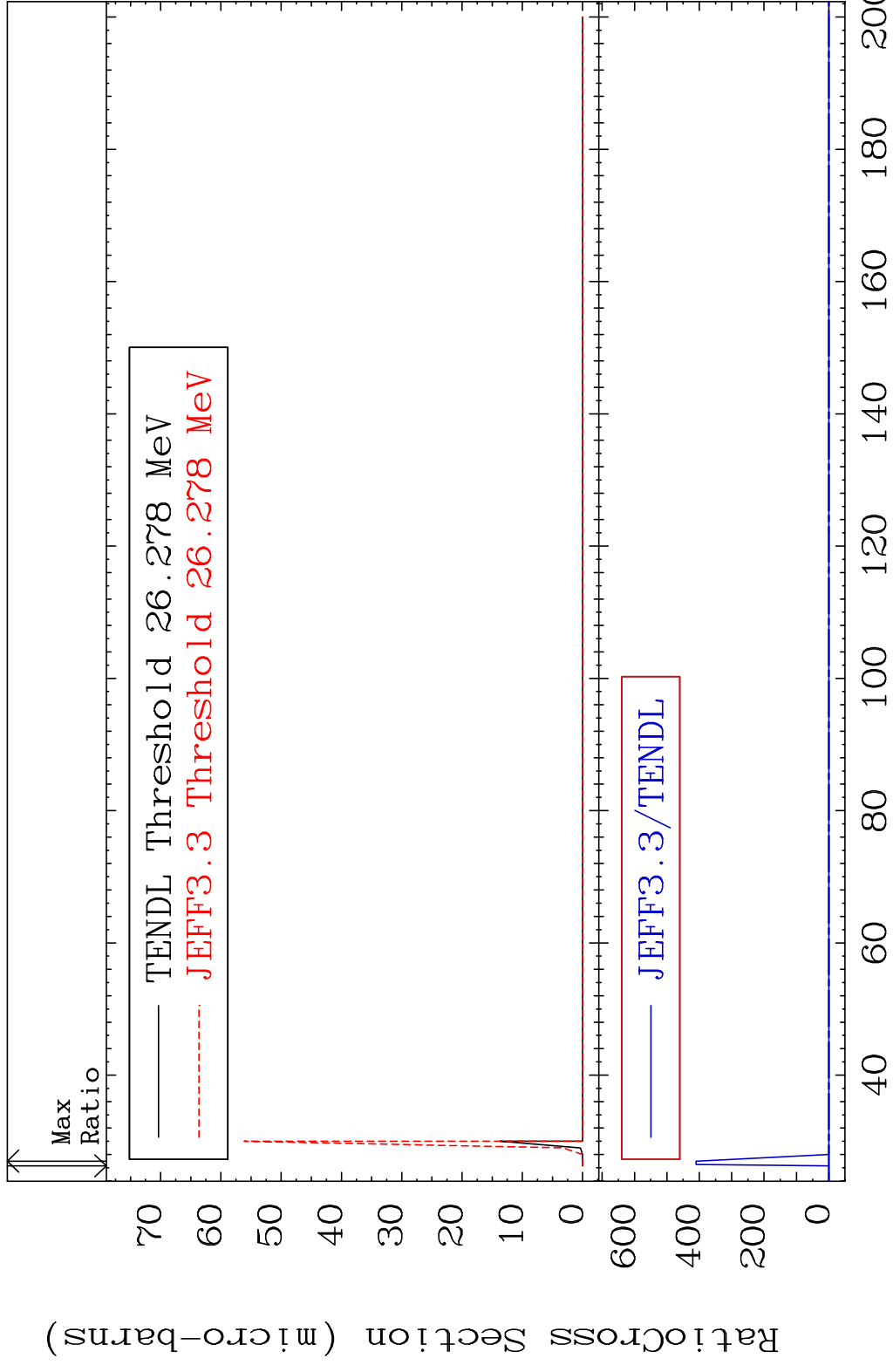
Cross Section 0.000 To 1549. %



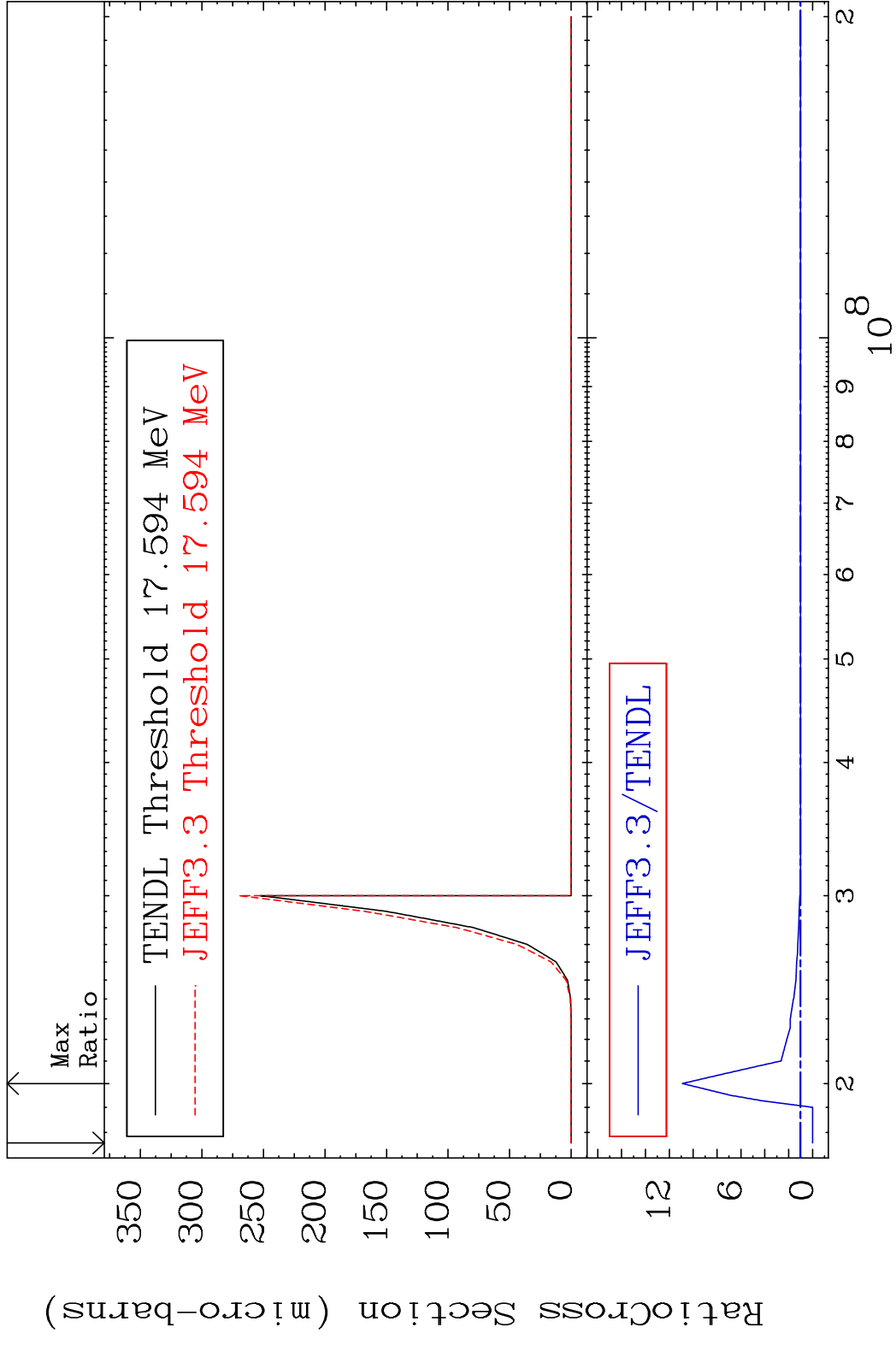
MAT 3034 (n,2n) p 30-Zn-67
 Cross Section -16.67 To 181.8 %



MAT 3034 (n,3n) p 30-Zn-67
 Cross Section -100.0 To 9999. %

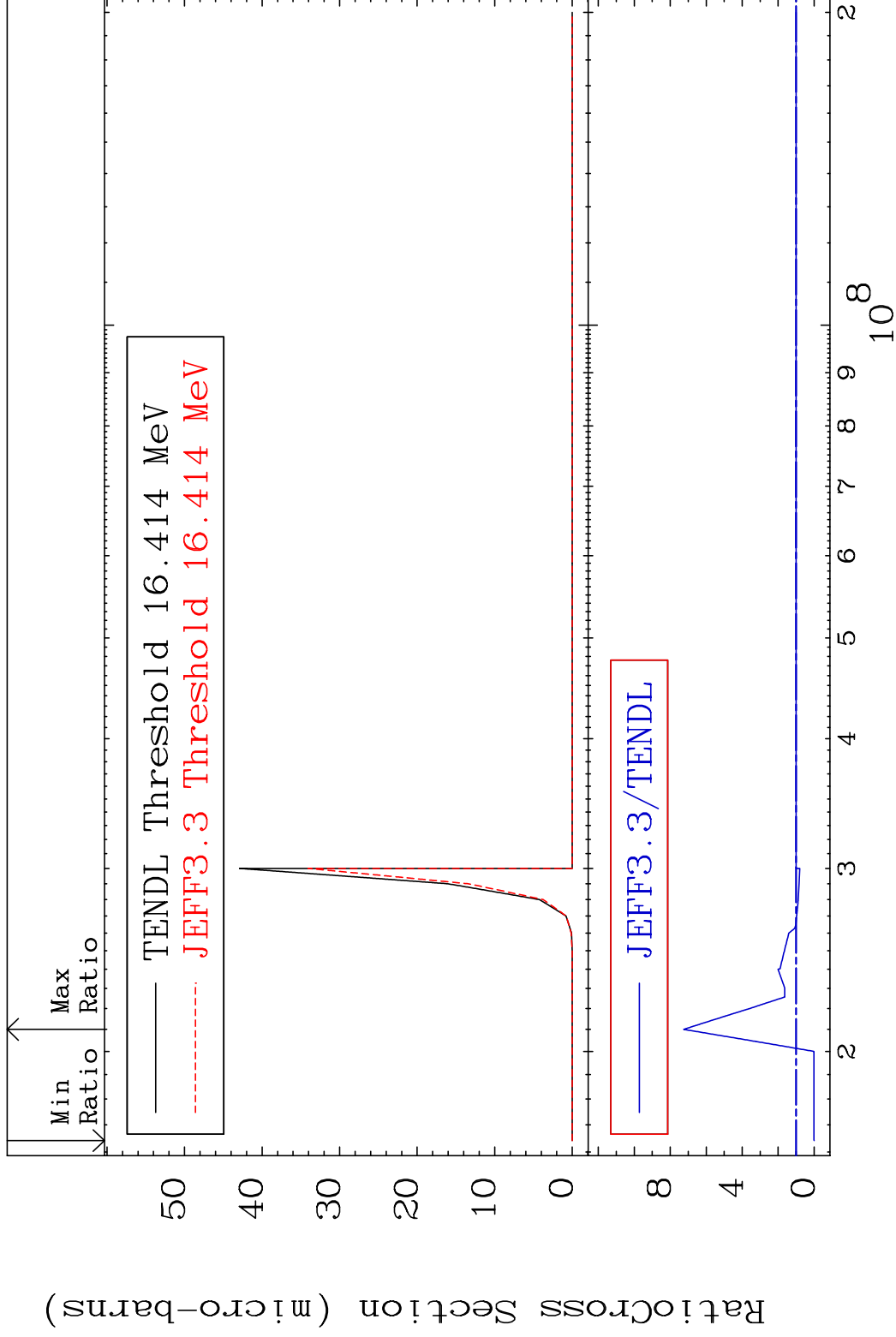


MAT 3034 (n,2n) p 30-Zn-67
 Cross Section -100.0 To 990.7 %



MAT 3034

(n, n') p α 30-Zn-67
Cross Section -100.0 To 625.4 %

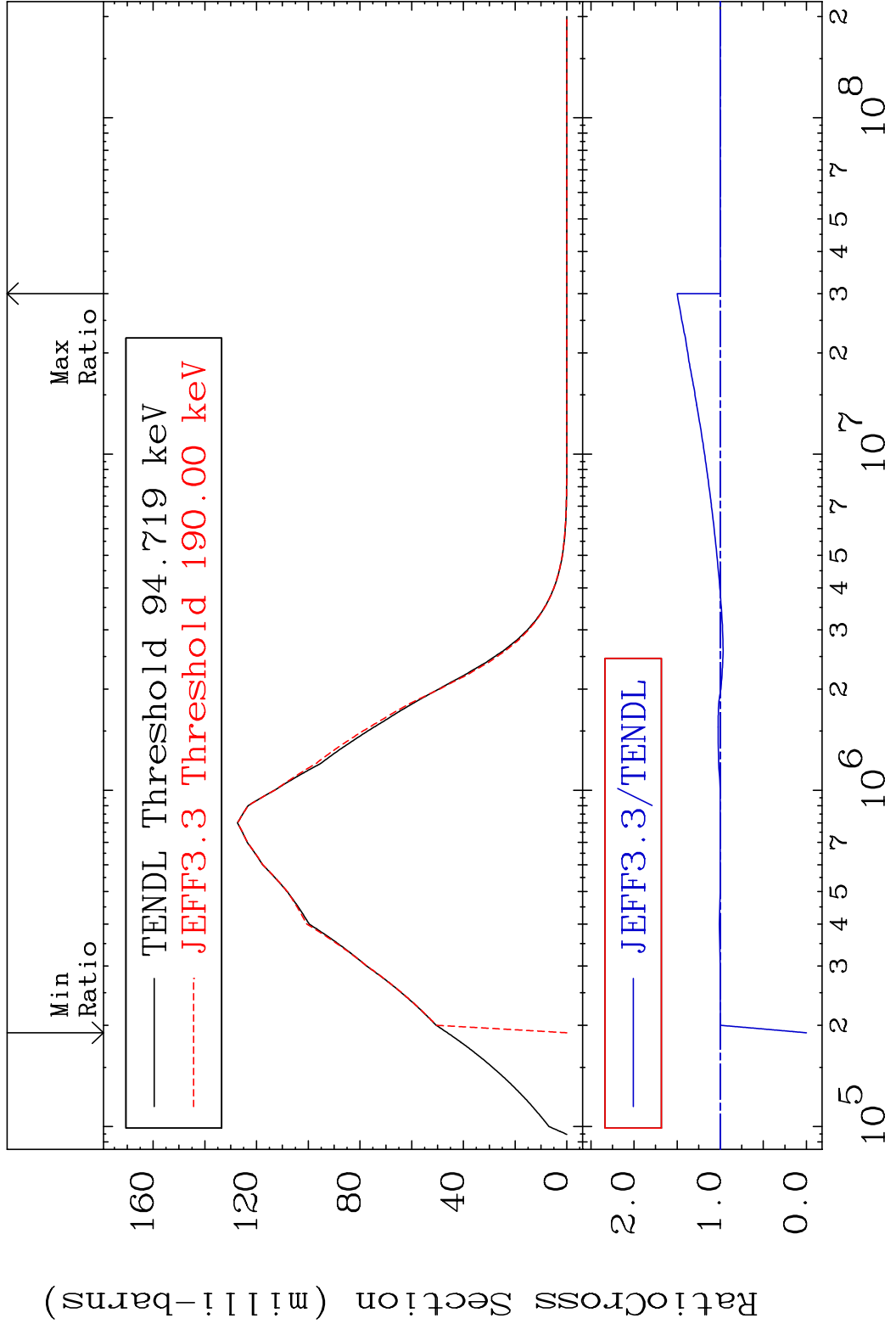


20

Incident Energy (eV)

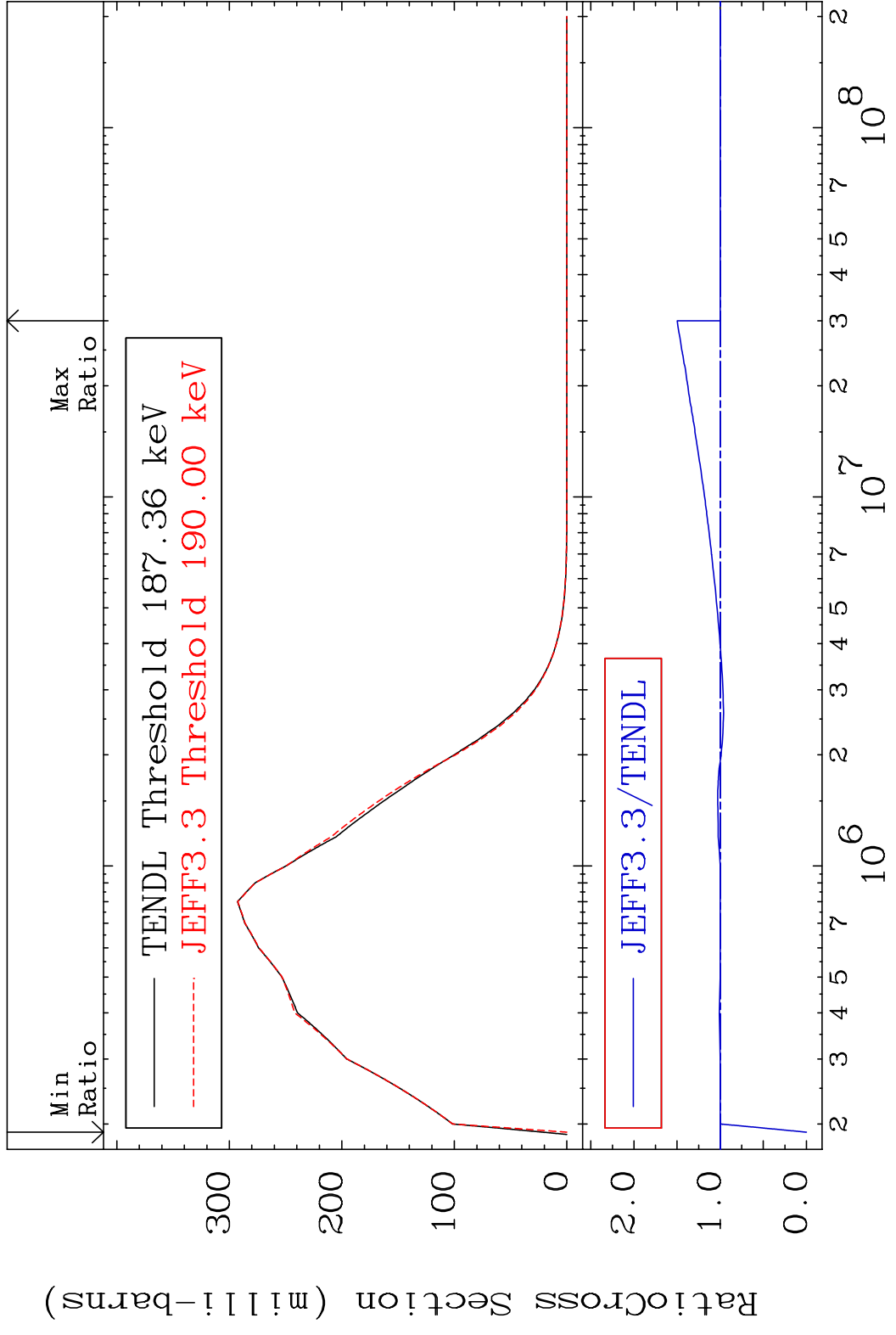
30-Zn-67

MAT 3034 MT= 51 (n,n') Level 30-Zn-67
 Cross Section -100.0 To 49.92 %

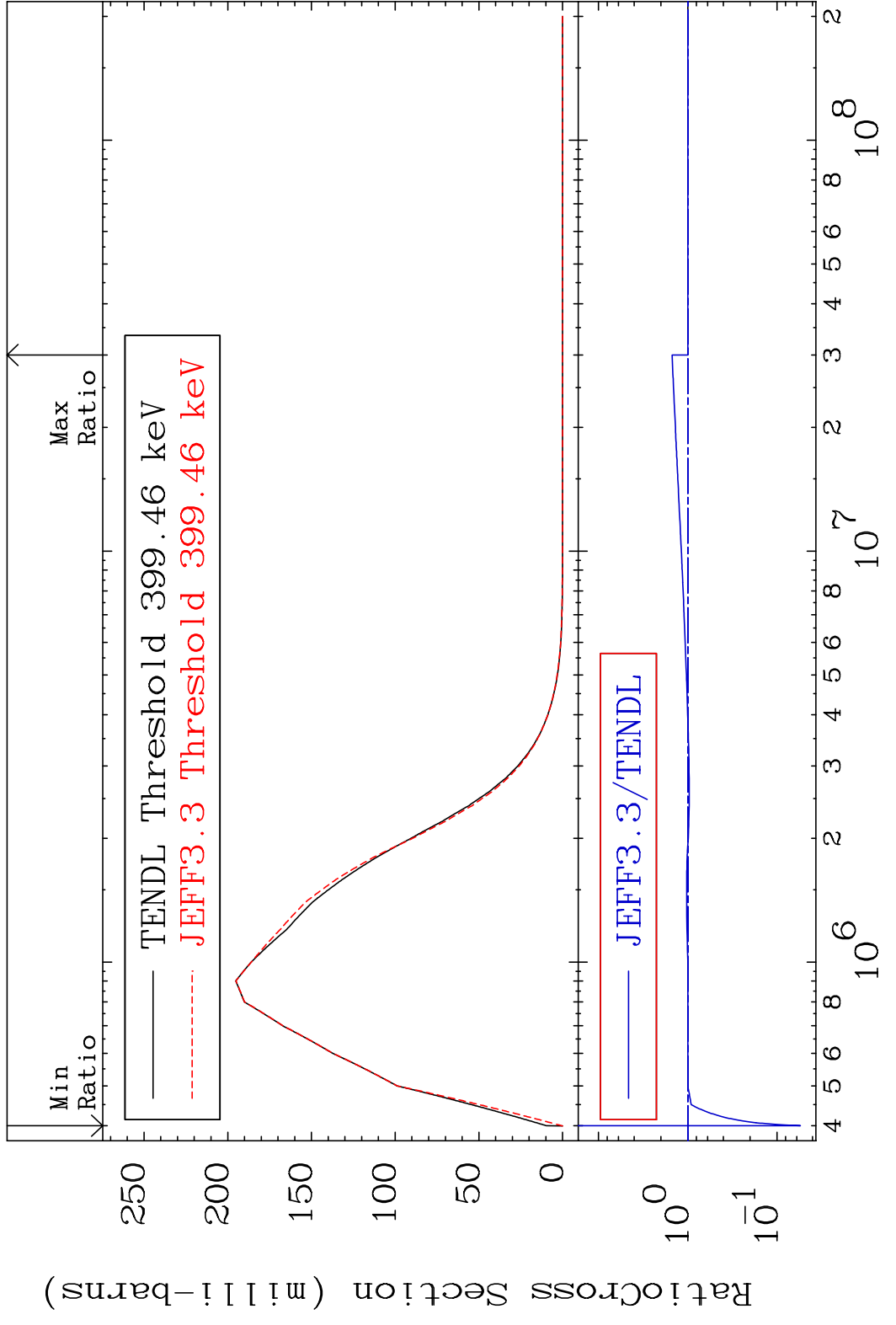


21

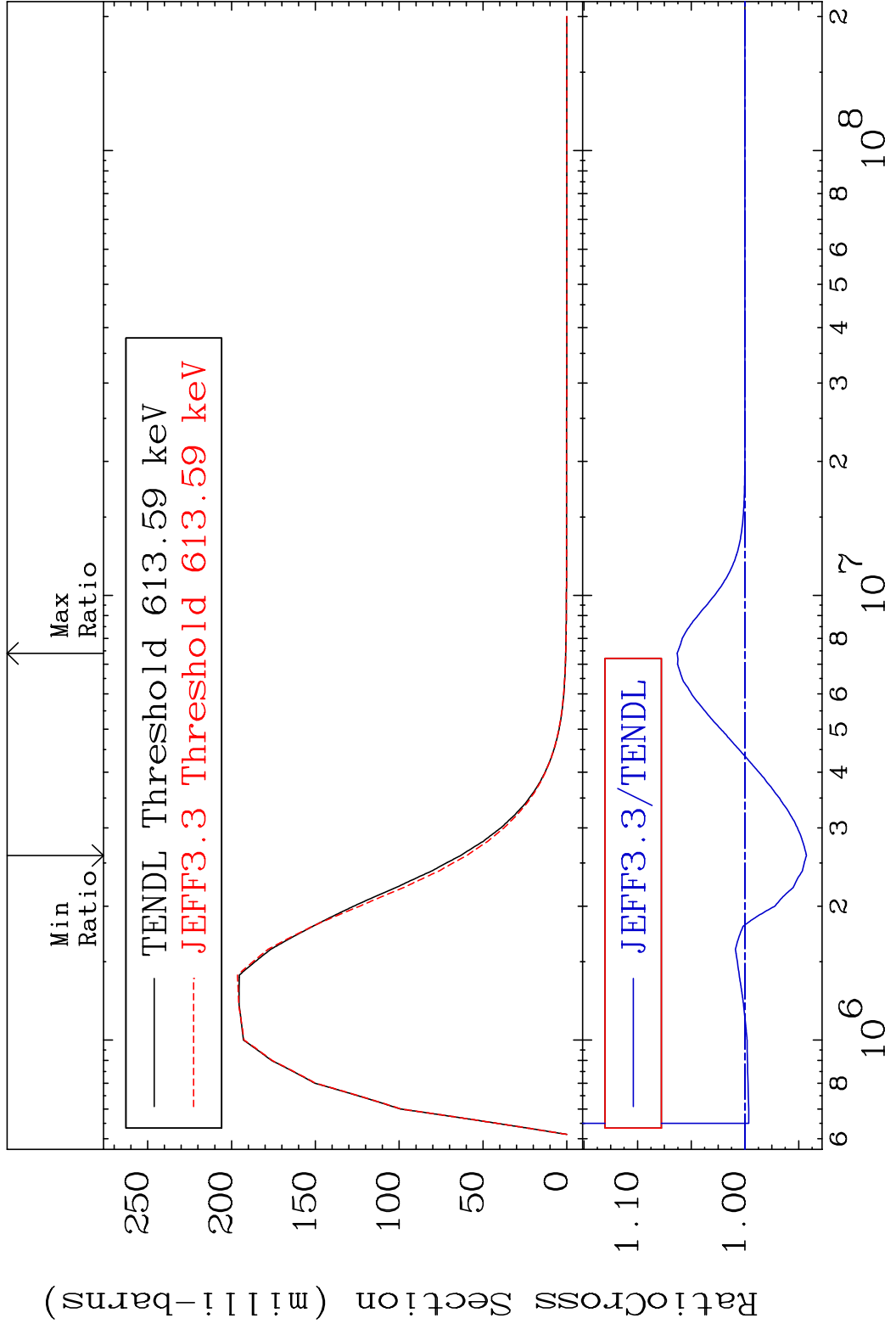
MAT 3034 MT= 52 (n,n') Level 30-Zn-67
 Cross Section -100.0 To 49.88 %



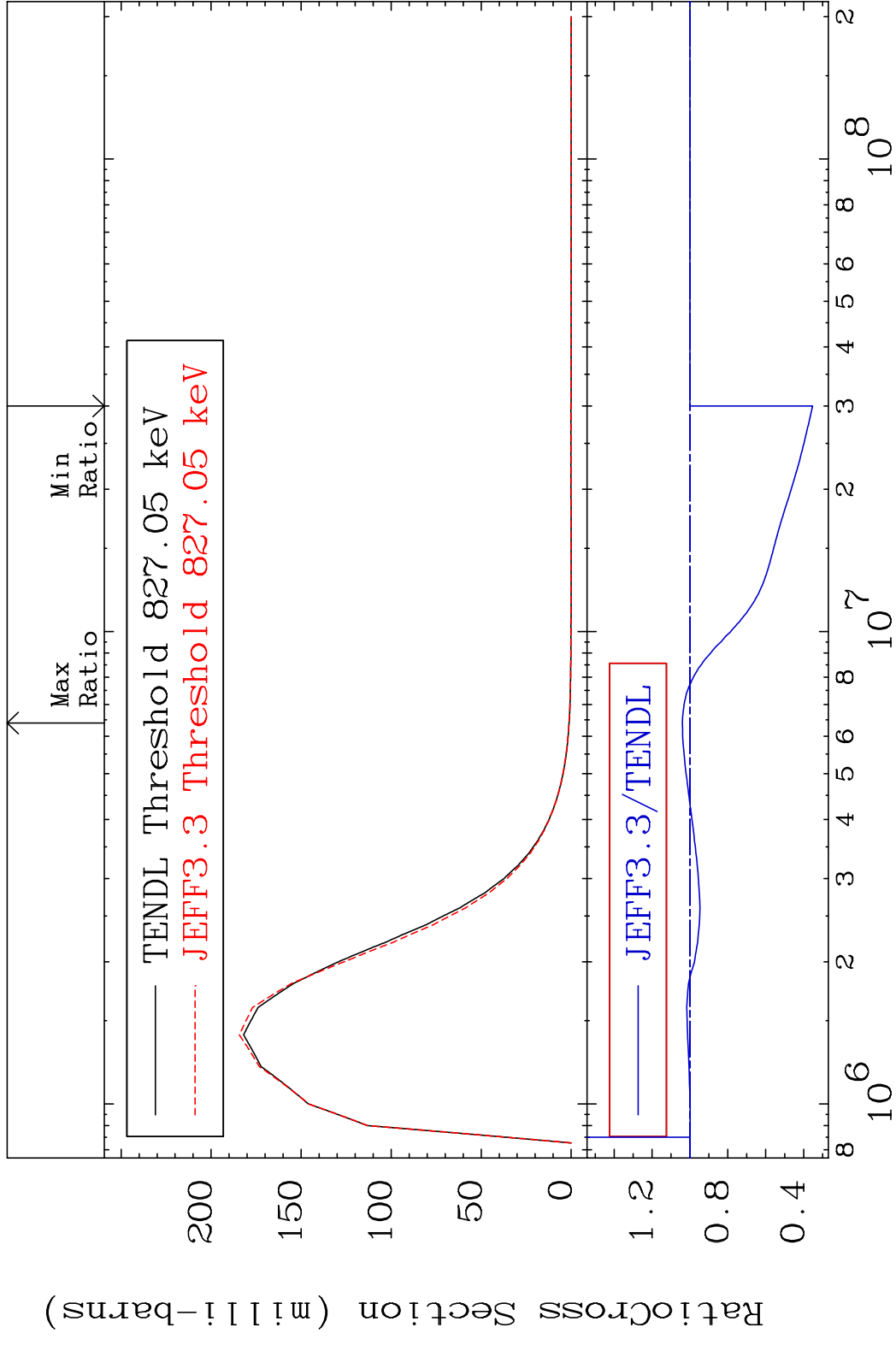
MAT 3034 MT= 53 (n, n') Level 30-Zn-67
 Cross Section -94.53 To 49.89 %



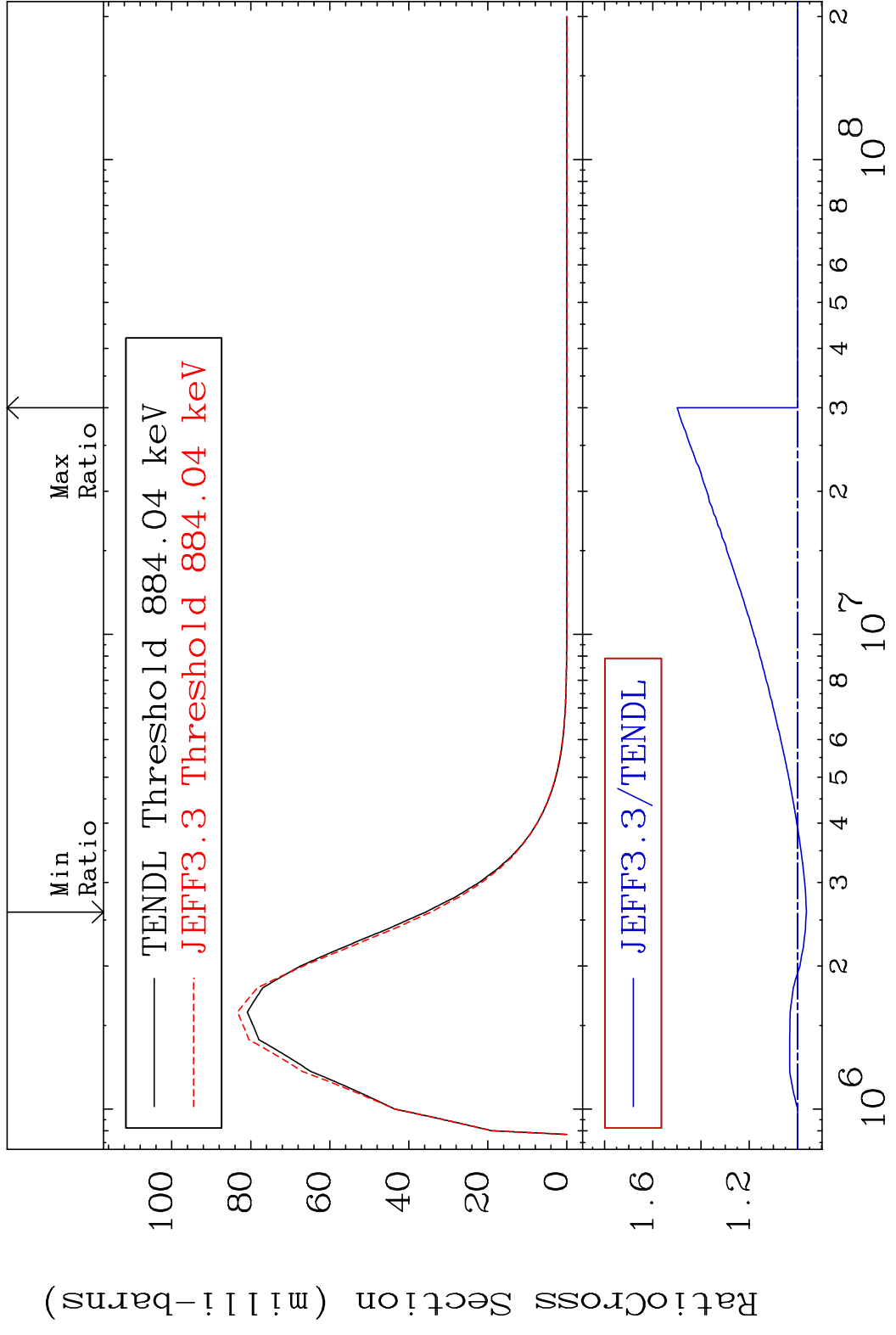
MAT 3034 MT= 54 (n, n') Level 30-Zn-67
 Cross Section -5.720 To 6.311 %



MAT 3034 MT= 55 (n, n') Level 30-Zn-67
 Cross Section -64.72 To 4.039 %

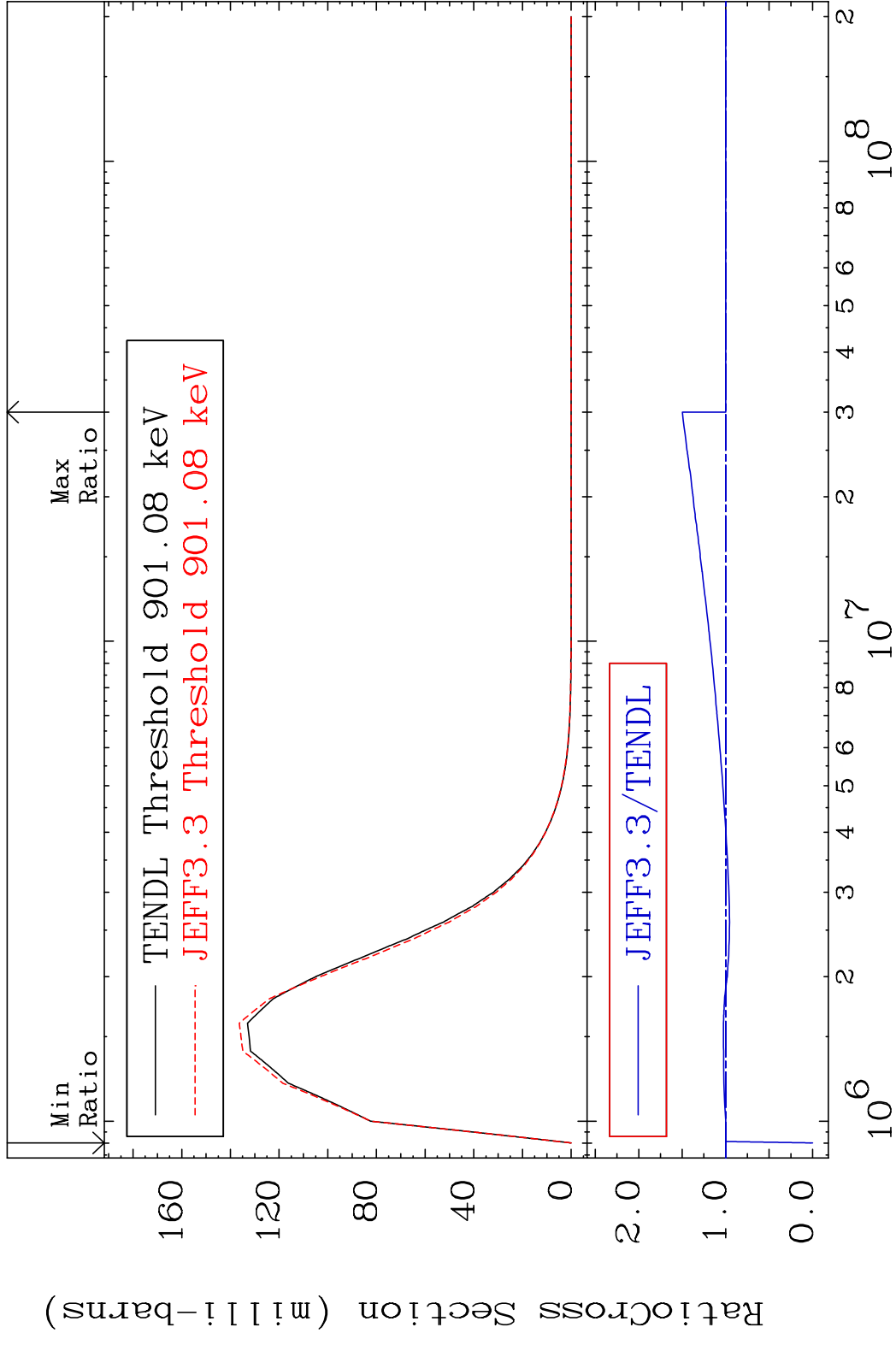


MAT 3034 MT= 56 (n, n') Level 30-Zn-67
 Cross Section -3.677 To 49.90 %

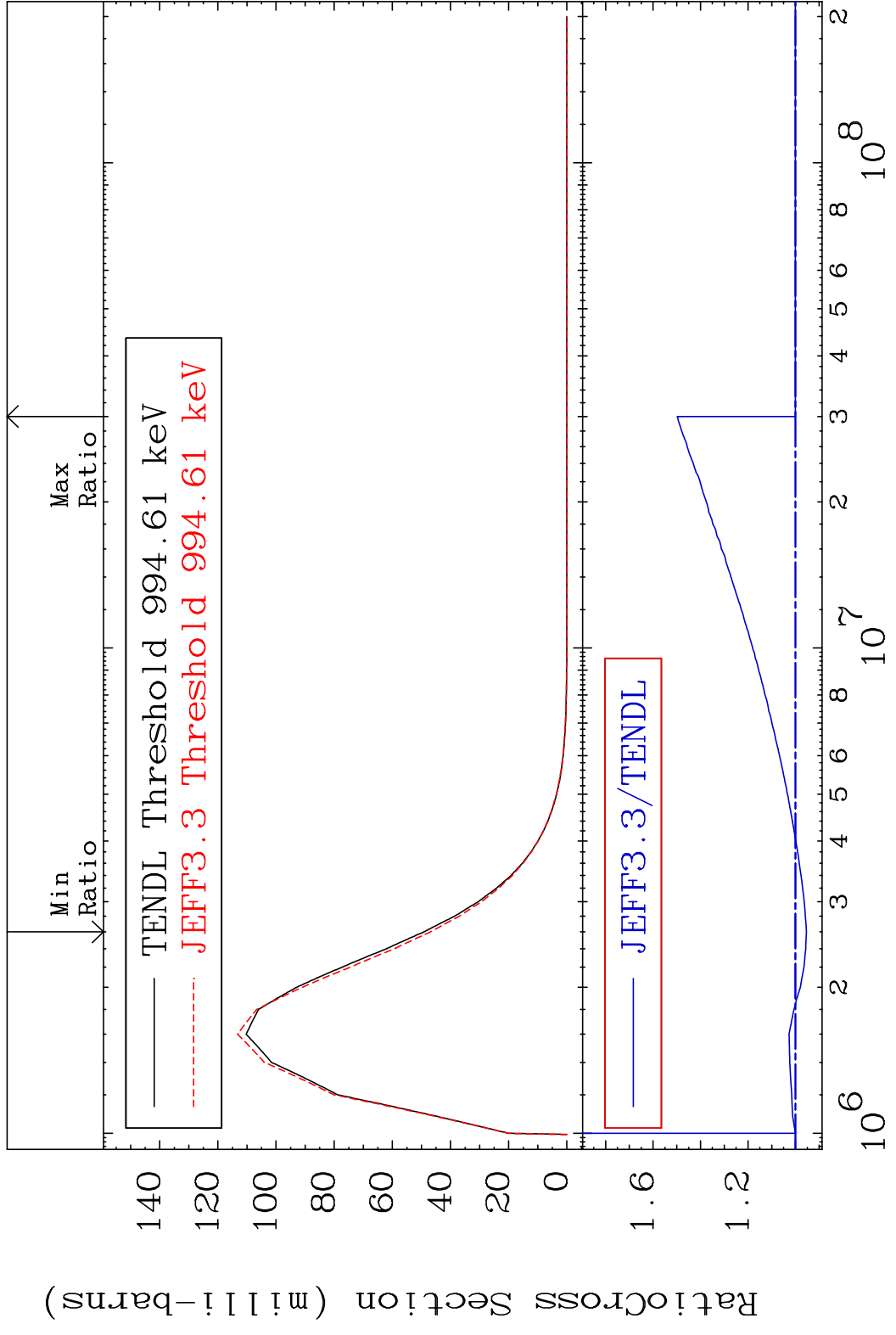


26 Incident Energy (eV) 30-Zn-67

MAT 3034 MT= 57 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 49.82 %

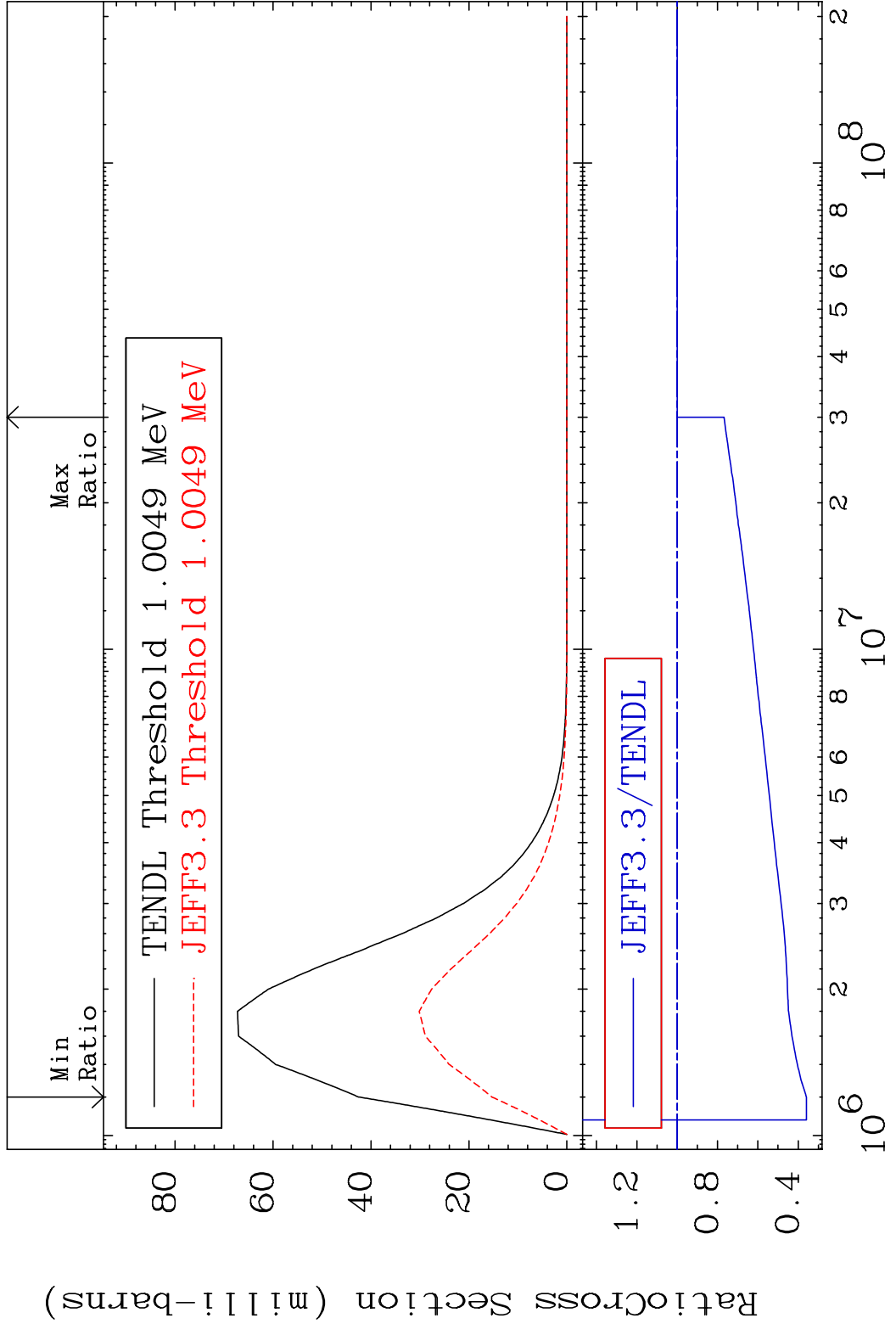


MAT 3034 MT= 58 (n,n') Level 30-Zn-67
 Cross Section -4.613 To 49.84 %



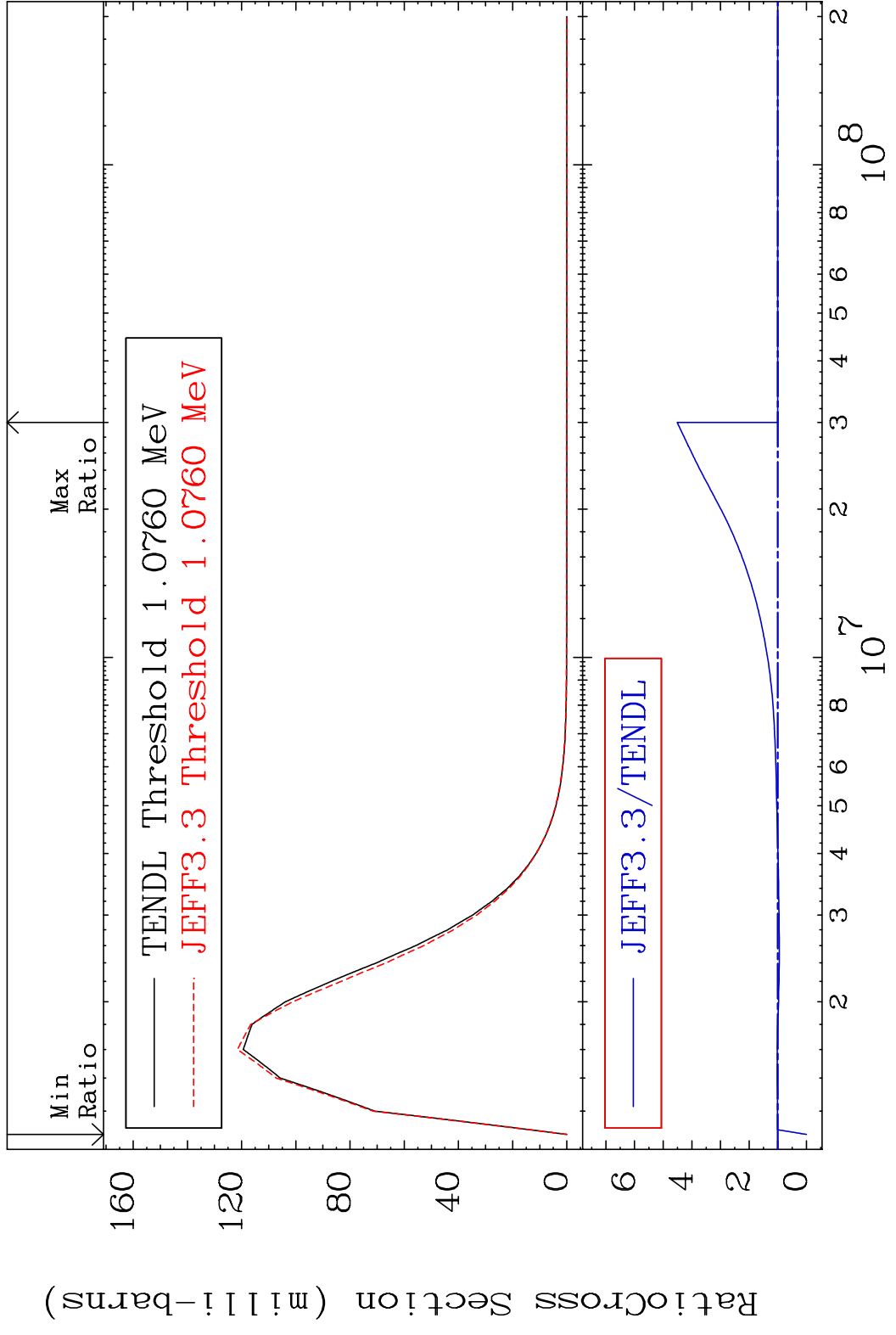
28 Incident Energy (eV) 30-Zn-67

MAT 3034 MT= 59 (n, n') Level 30-Zn-67
 Cross Section -64.06 To 0.000 %

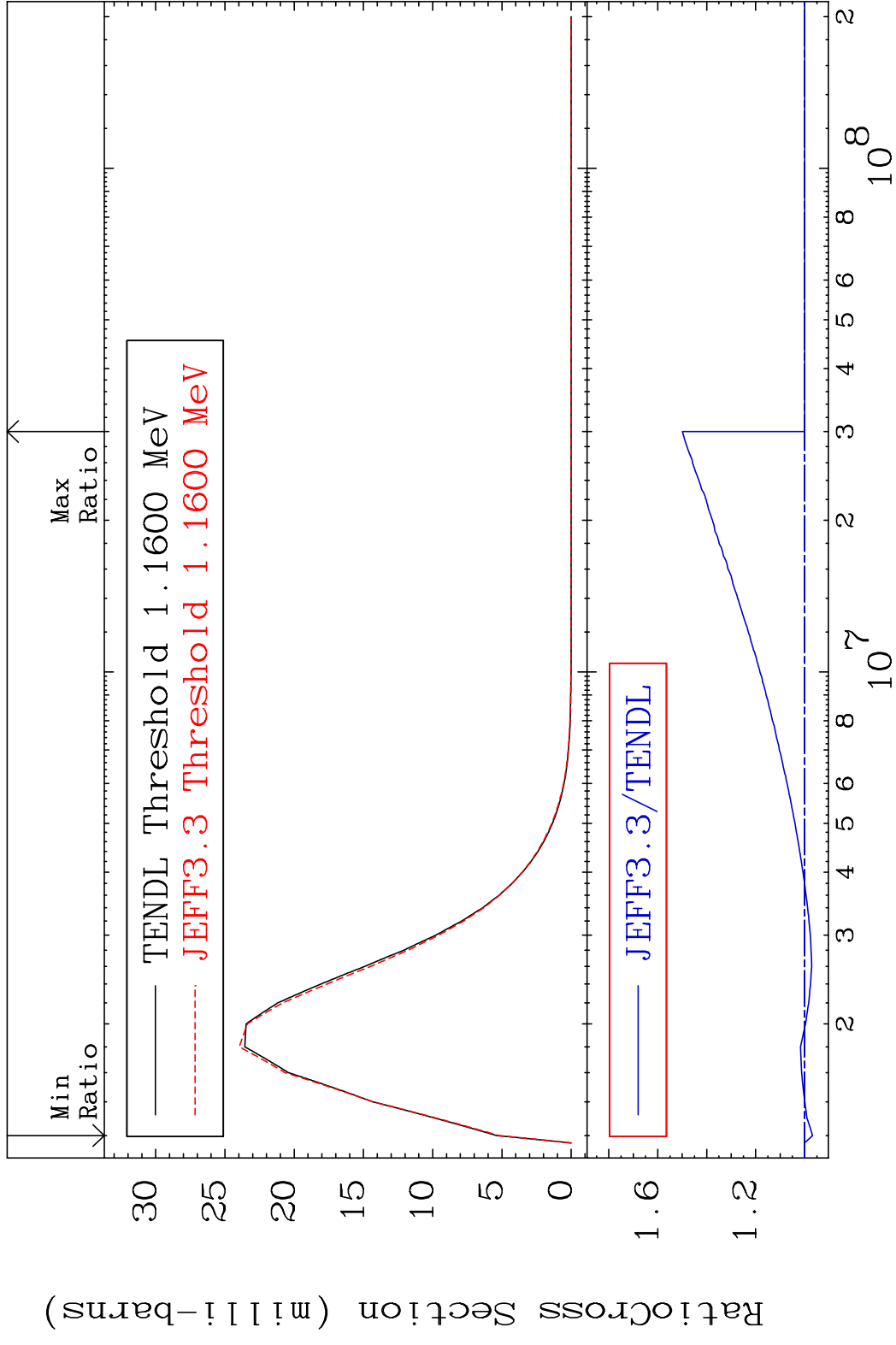


29

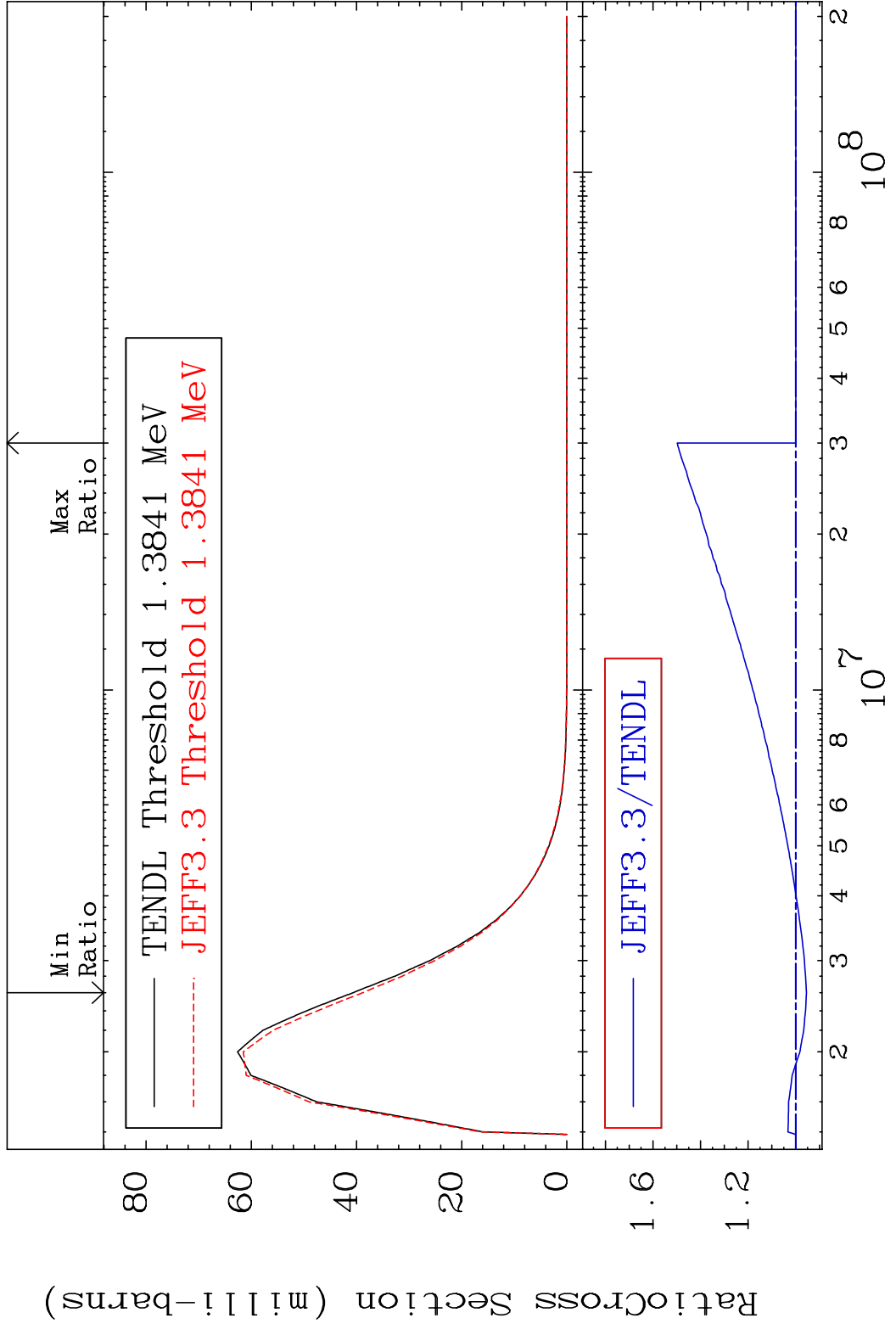
MAT 3034 MT= 60 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 351.1 %



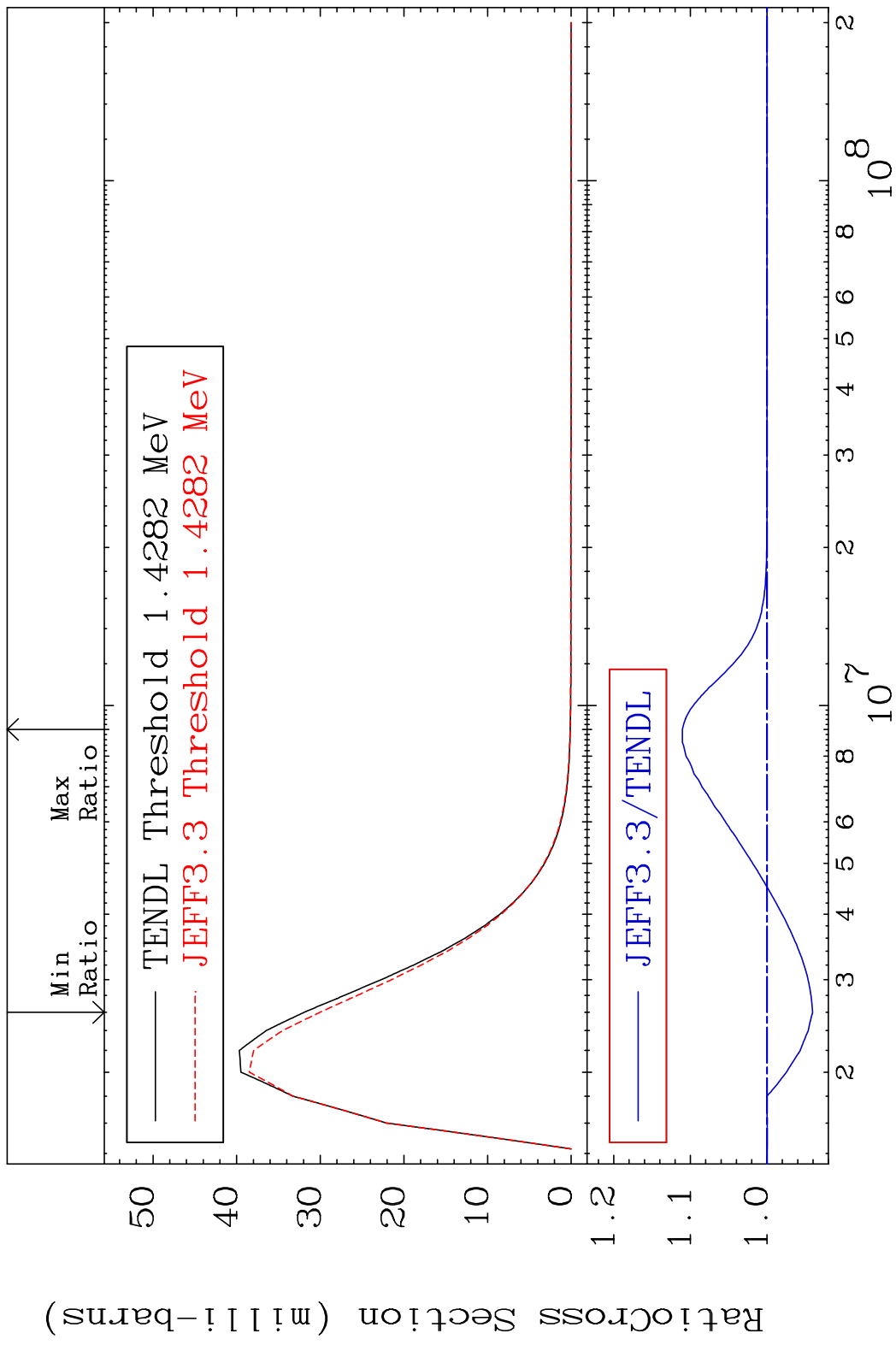
MAT 3034 MT= 61 (n, n') Level 30-Zn-67
 Cross Section -3.246 To 49.94 %



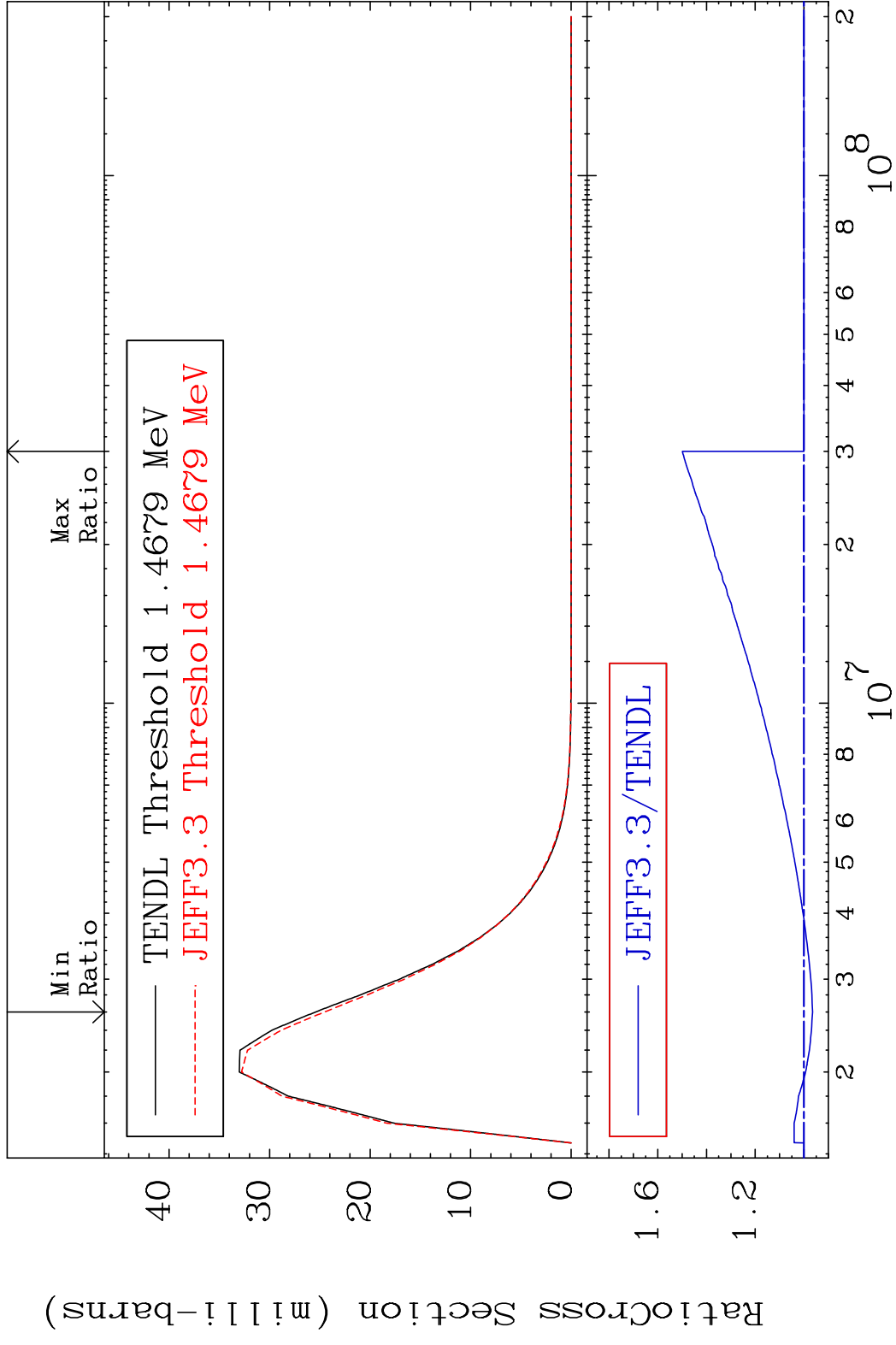
MAT 3034 MT= 62 (n, n') Level 30-Zn-67
 Cross Section -4.498 To 49.83 %



MAT 3034 MT= 63 (n,n') Level 30-Zn-67
 Cross Section -5.938 To 11.05 %

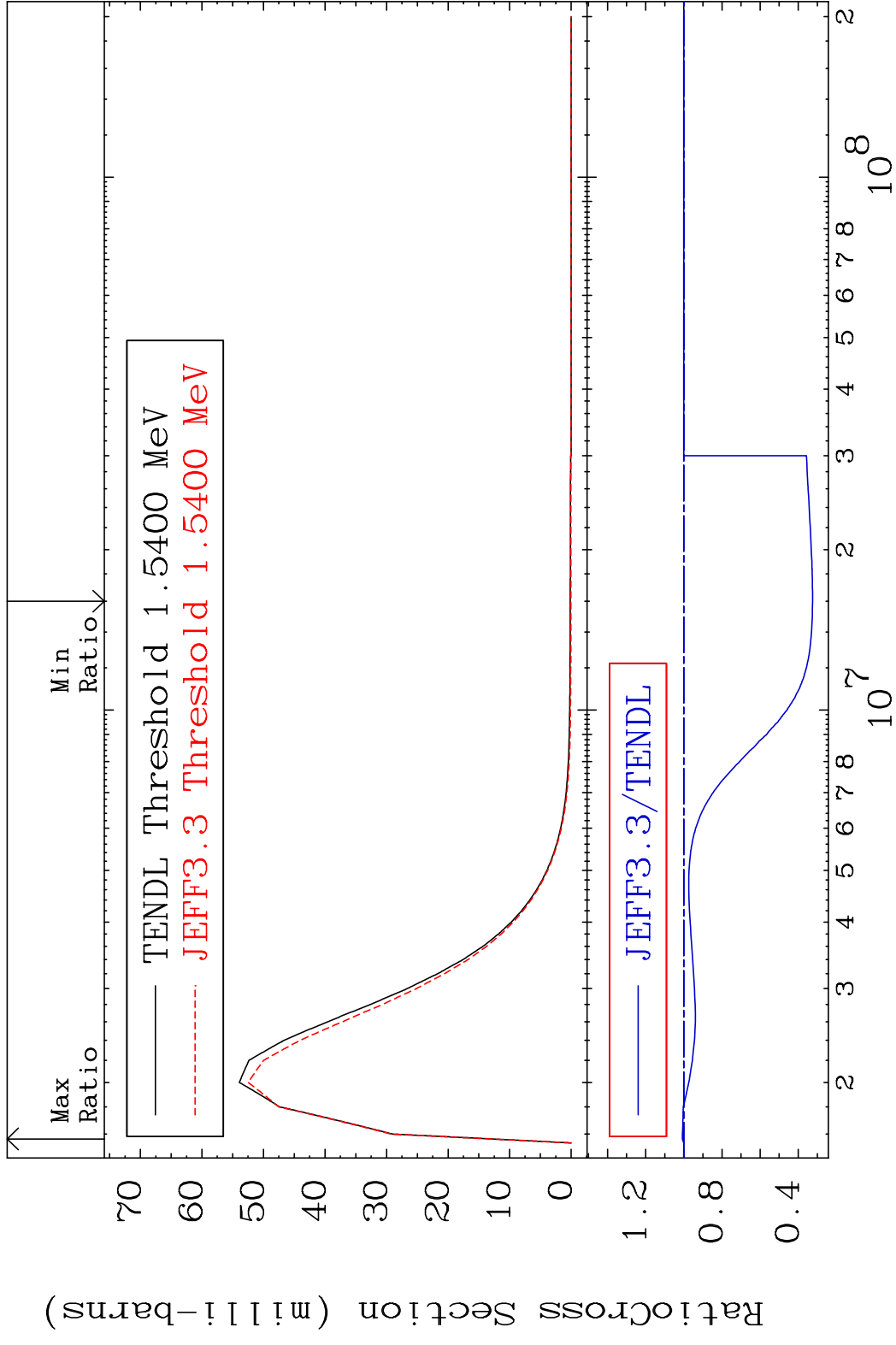


MAT 3034 MT= 64 (n,n') Level 30-Zn-67
 Cross Section -3.517 To 49.91 %

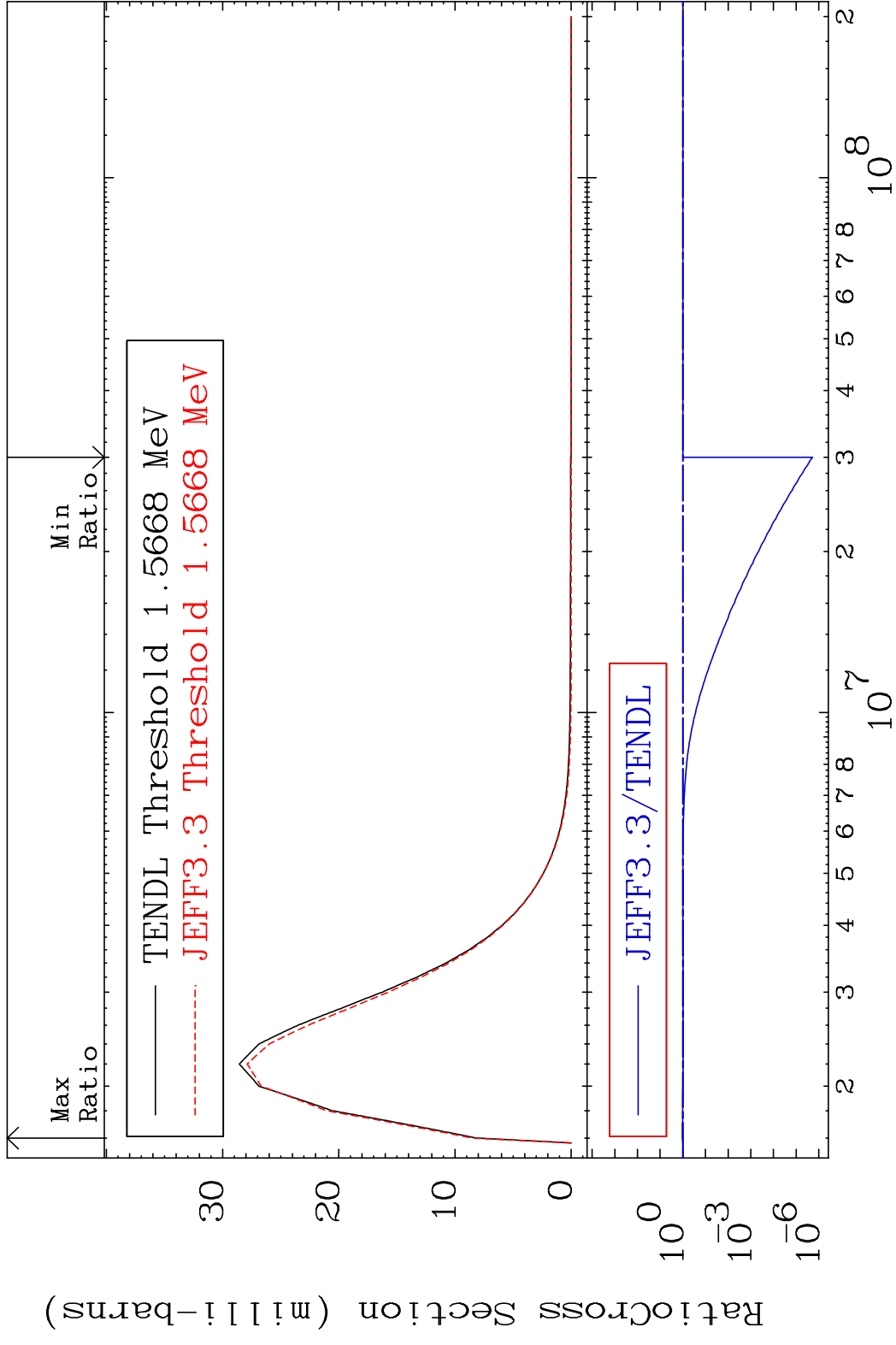


34 Incident Energy (eV) 30-Zn-67

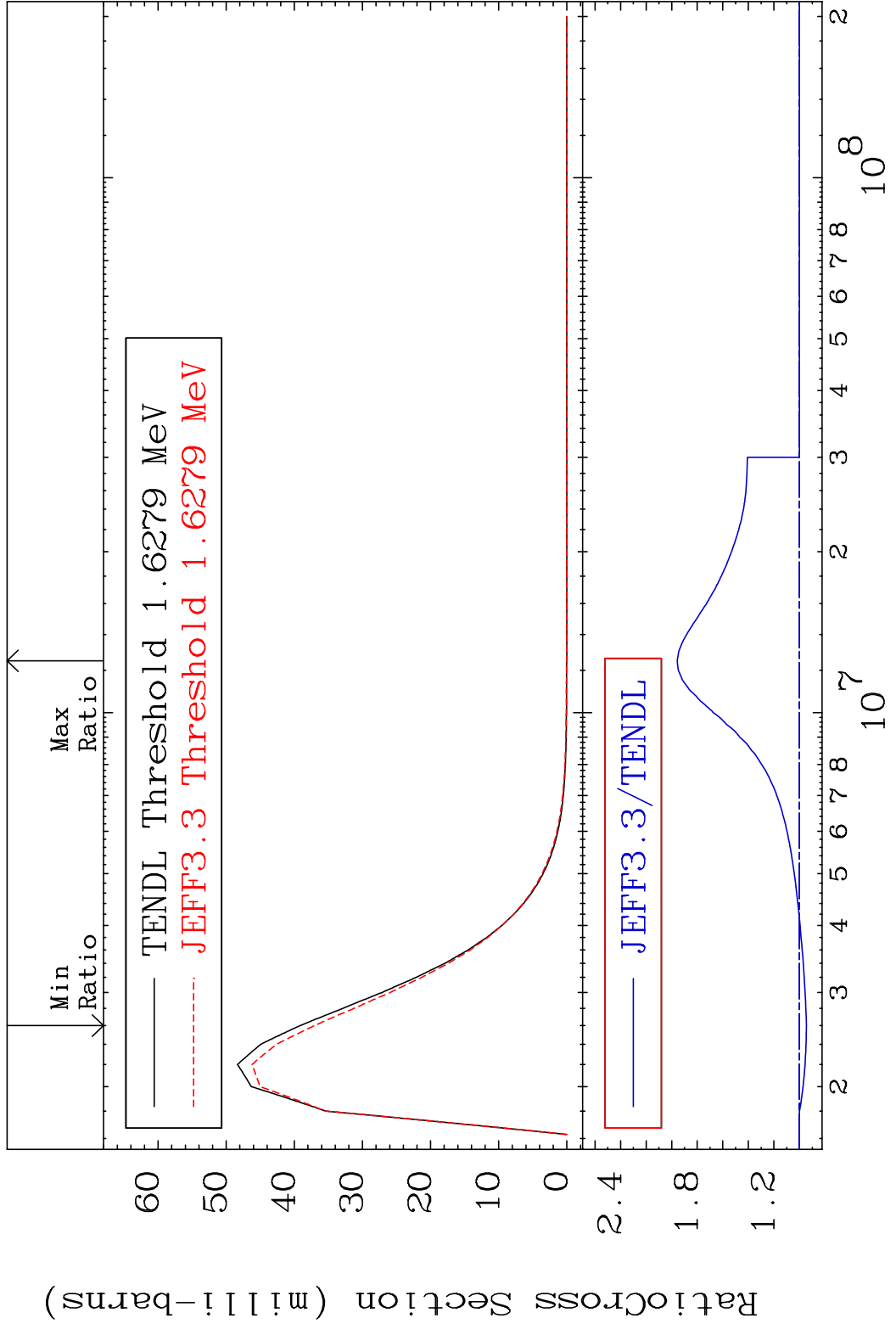
MAT 3034 MT= 65 (n, n') Level 30-Zn-67
 Cross Section -67.48 To 0.758 %



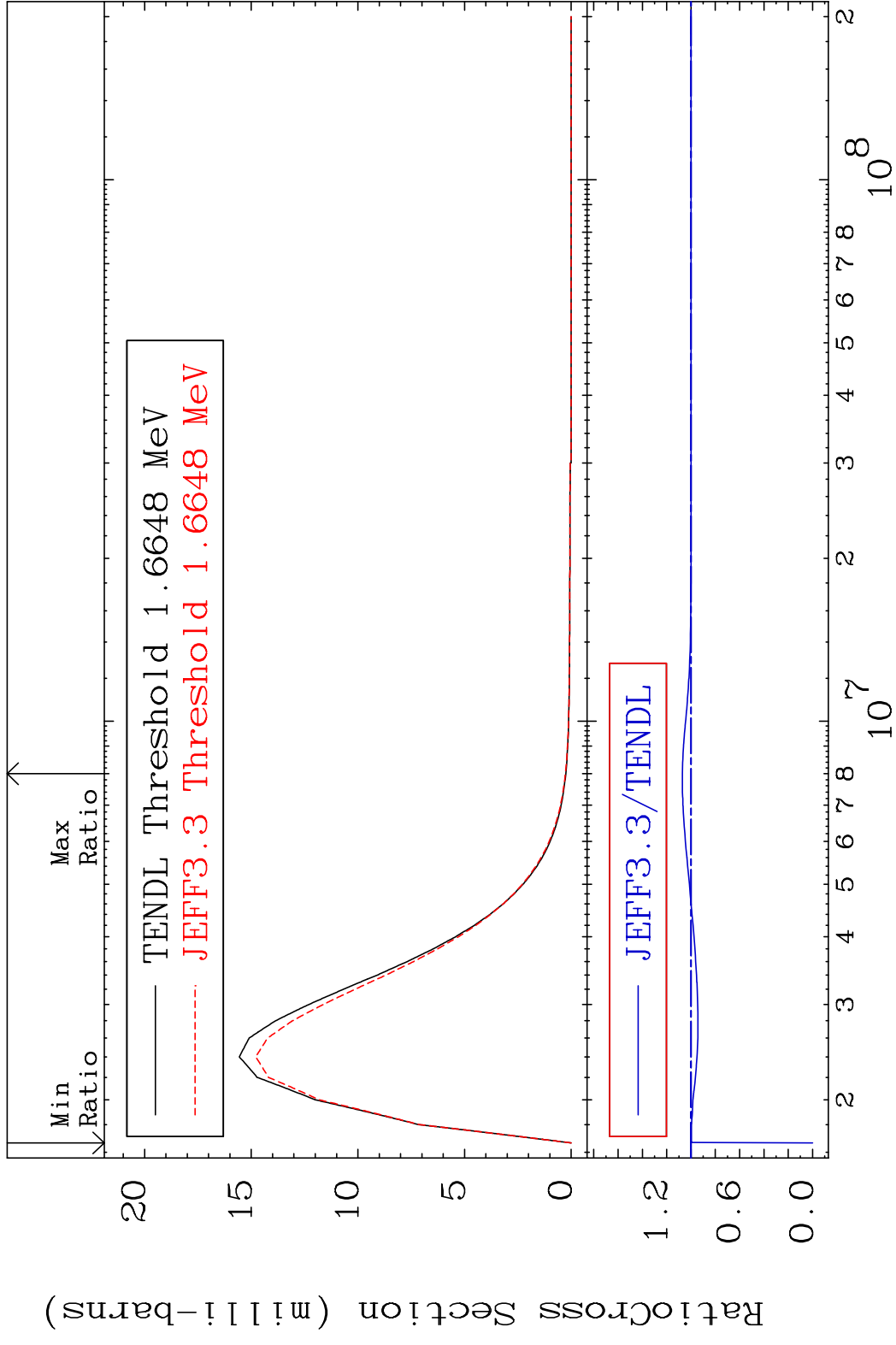
MAT 3034 MT= 66 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 4.486 %



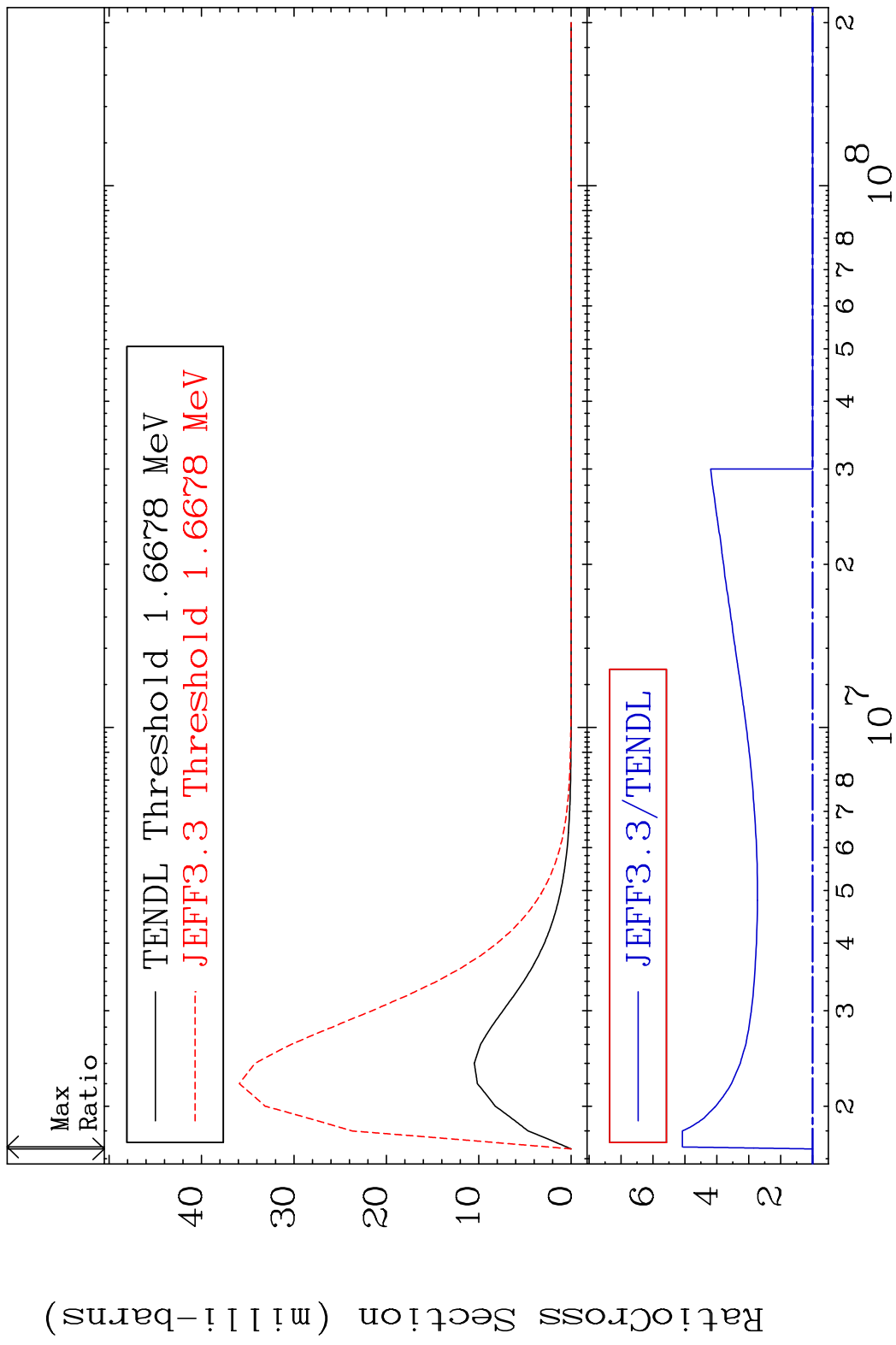
MAT 3034 MT= 67 (n, n') Level 30-Zn-67
 Cross Section -5.390 To 95.69 %



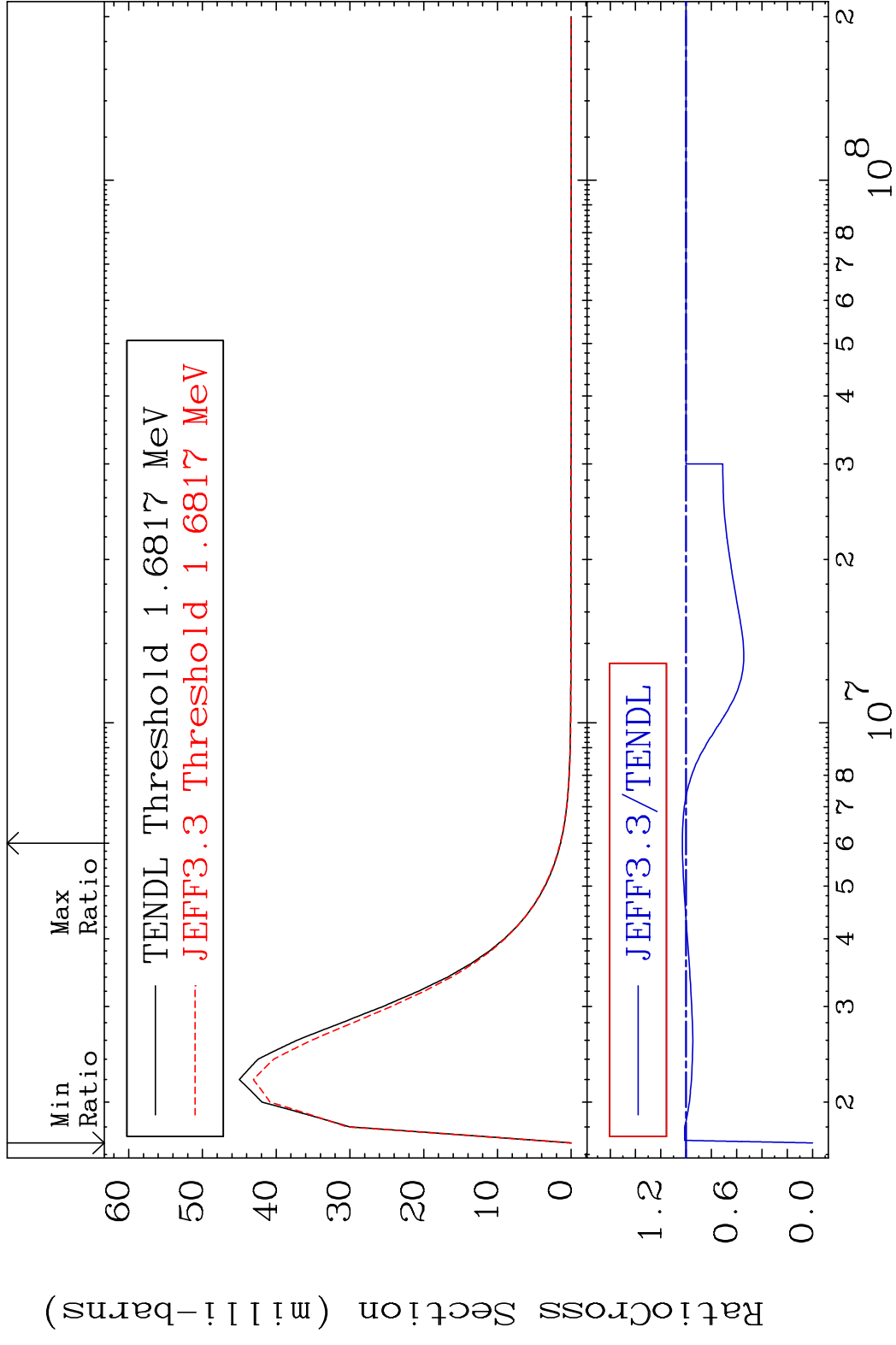
MAT 3034 MT= 68 (n,n') Level 30-Zn-67
 Cross Section -100.0 To 7.129 %



MAT 3034 MT= 69 (n, n') Level 30-Zn-67
 Cross Section 0.000 To 407.8 %

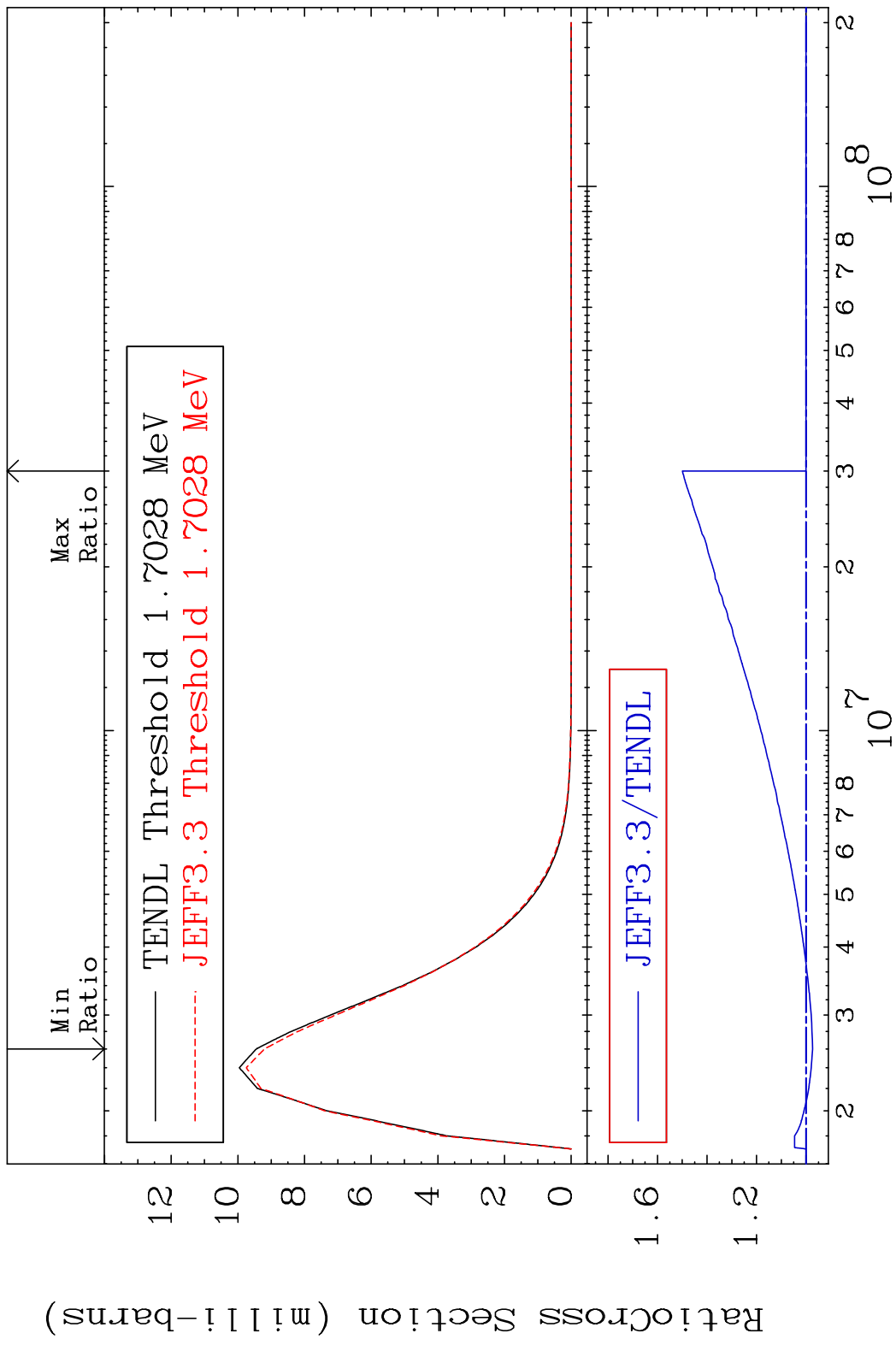


MAT 3034 MT= 70 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 2.966 %



40 Incident Energy (eV) 30-Zn-67

MAT 3034 MT= 71 (n, n') Level 30-Zn-67
 Cross Section -2.628 To 49.95 %

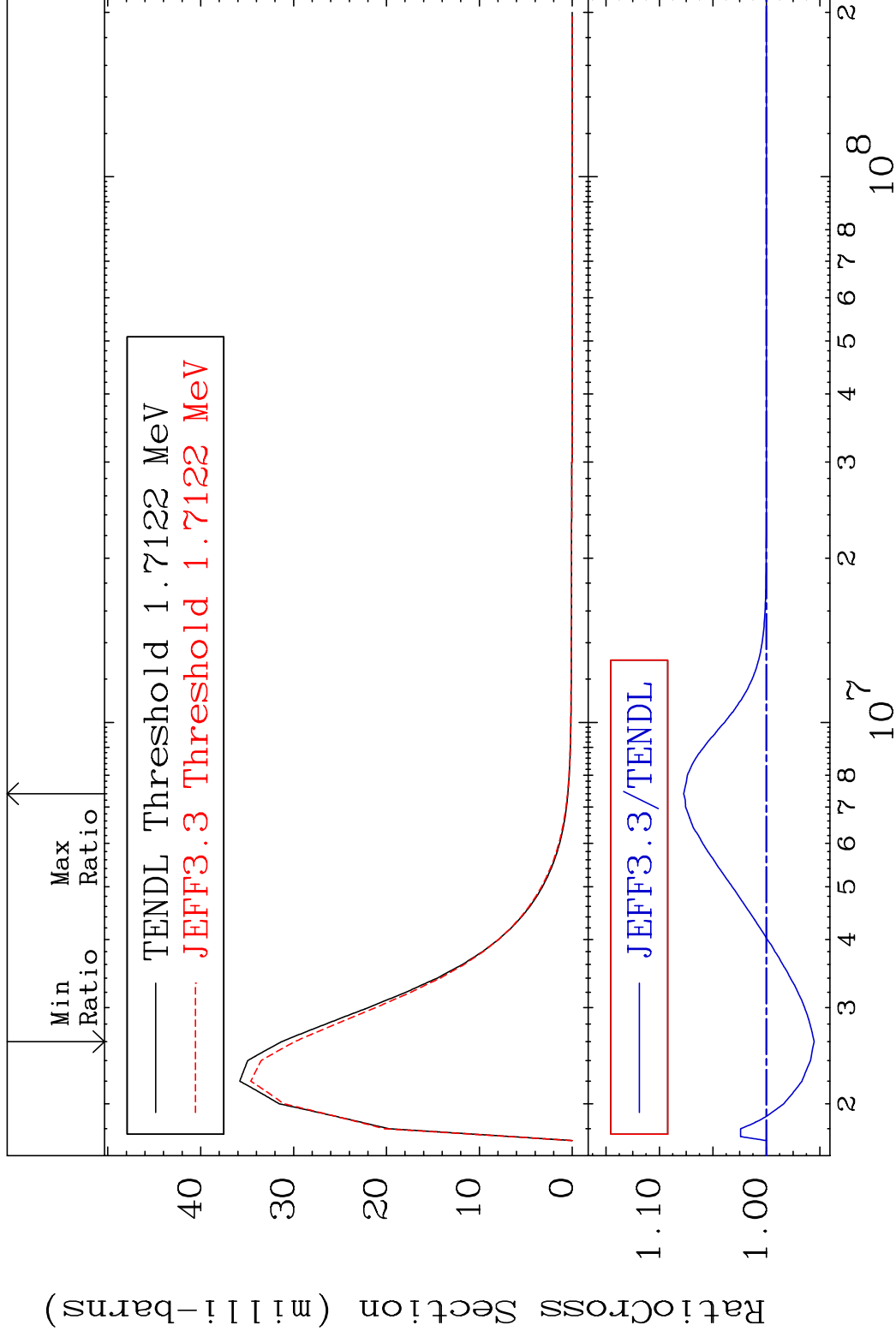


MAT 3034

MT= 72 (n, n') Level

30-Zn-67

Cross Section -4.464 To 7.732 %

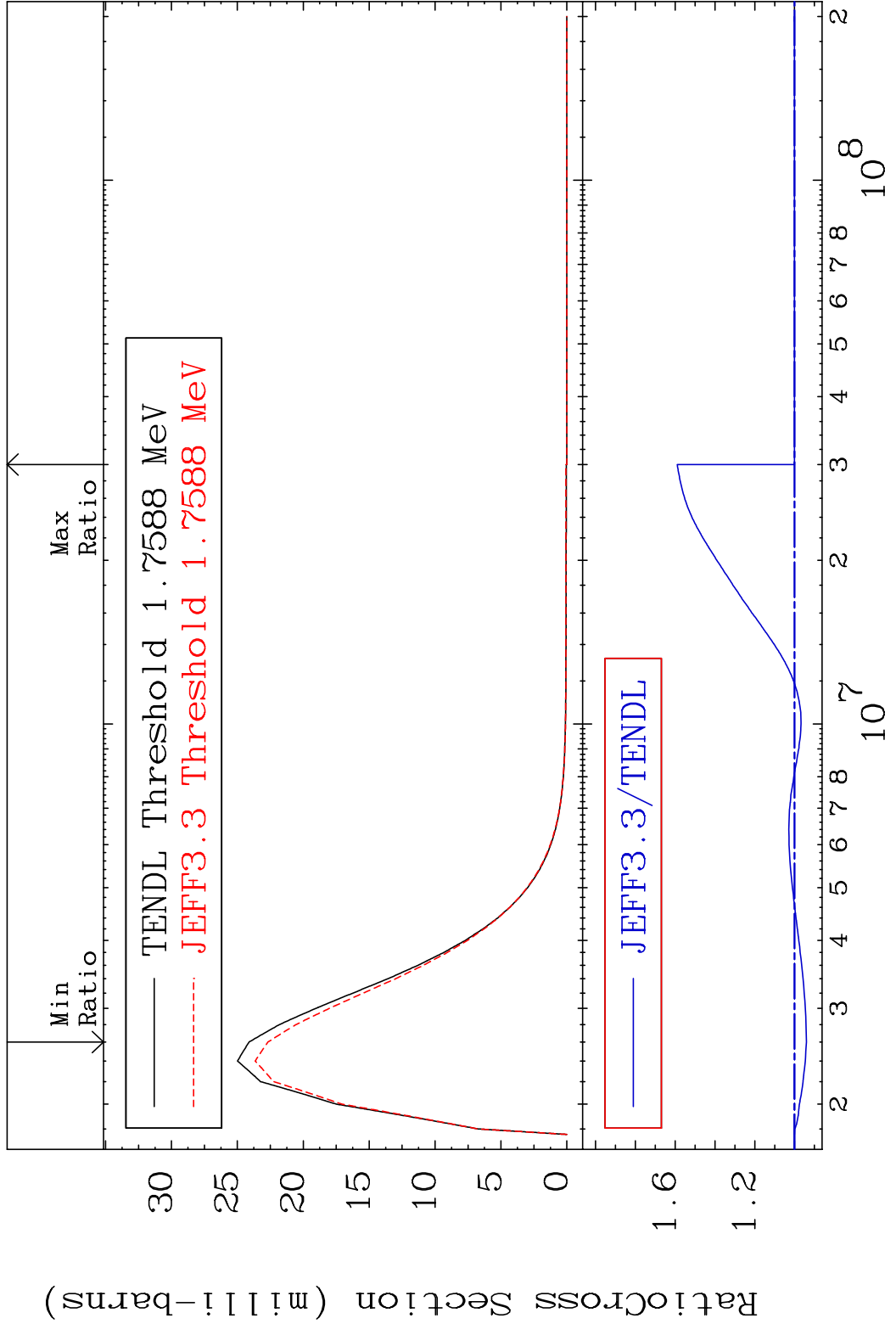


42

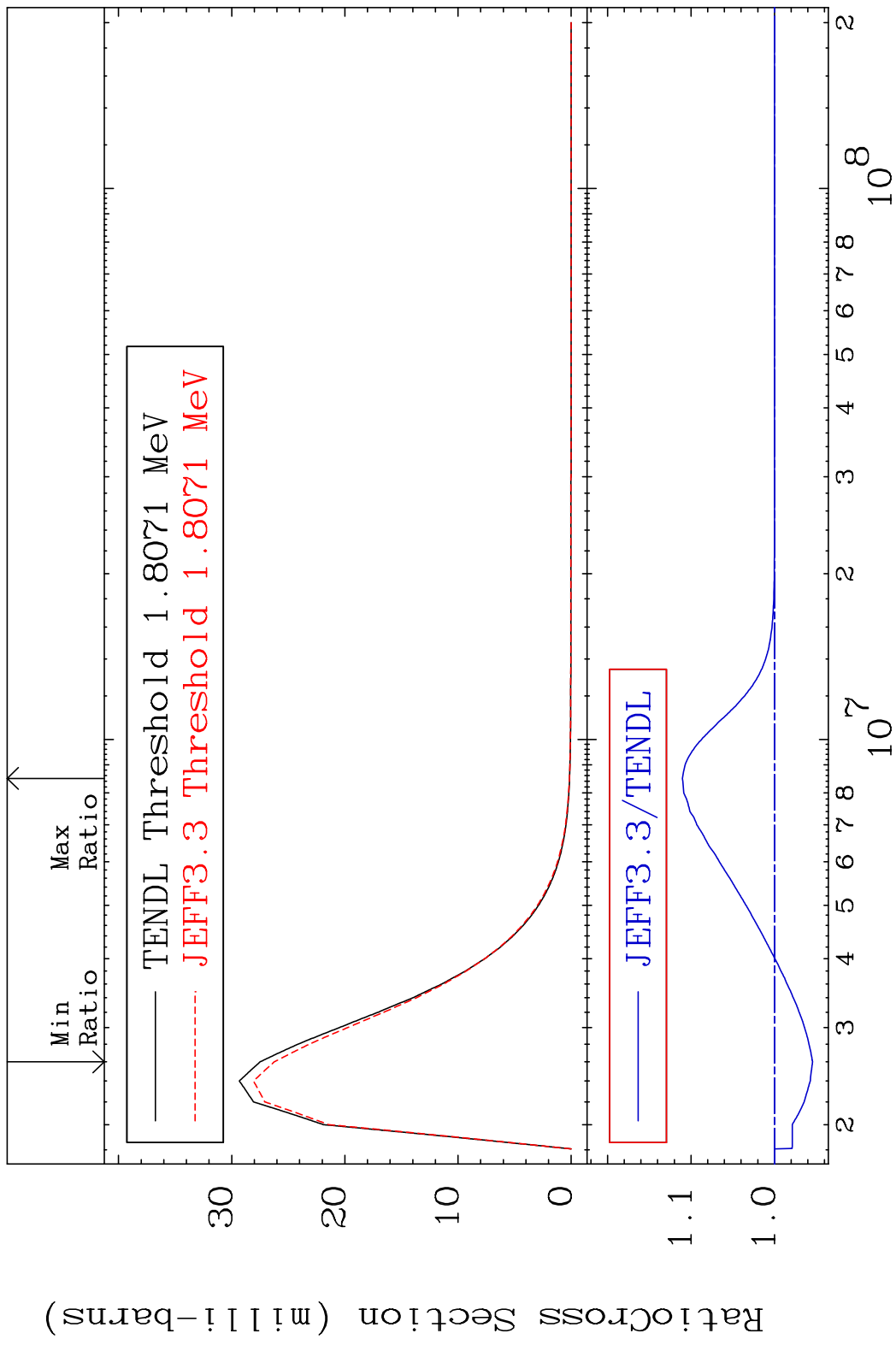
Incident Energy (eV)

30-Zn-67

MAT 3034 MT= 73 (n, n') Level 30-Zn-67
 Cross Section -5.954 To 59.00 %

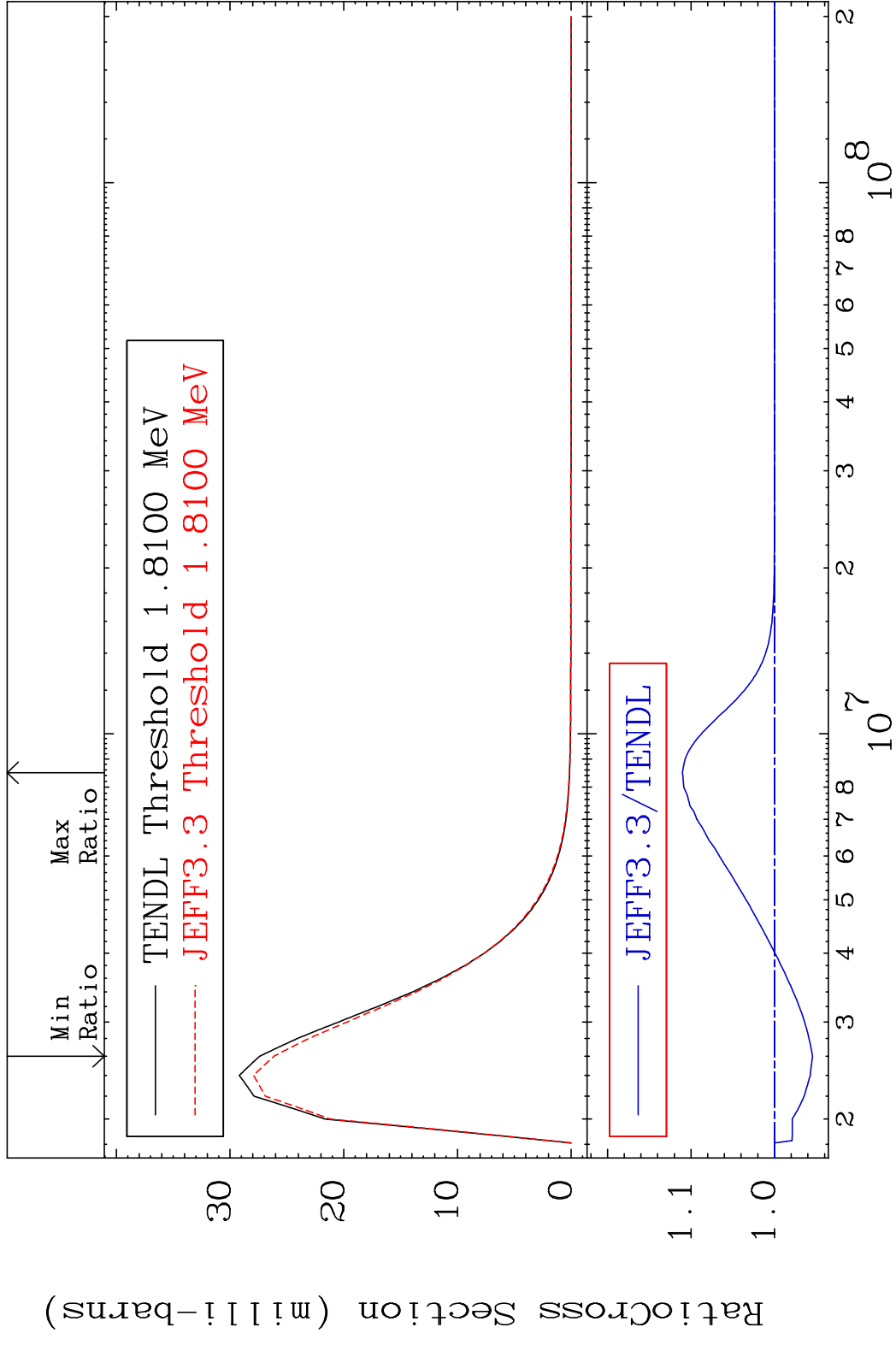


MAT 3034 MT= 74 (n, n') Level 30-Zn-67
 Cross Section -4.560 To 11.04 %



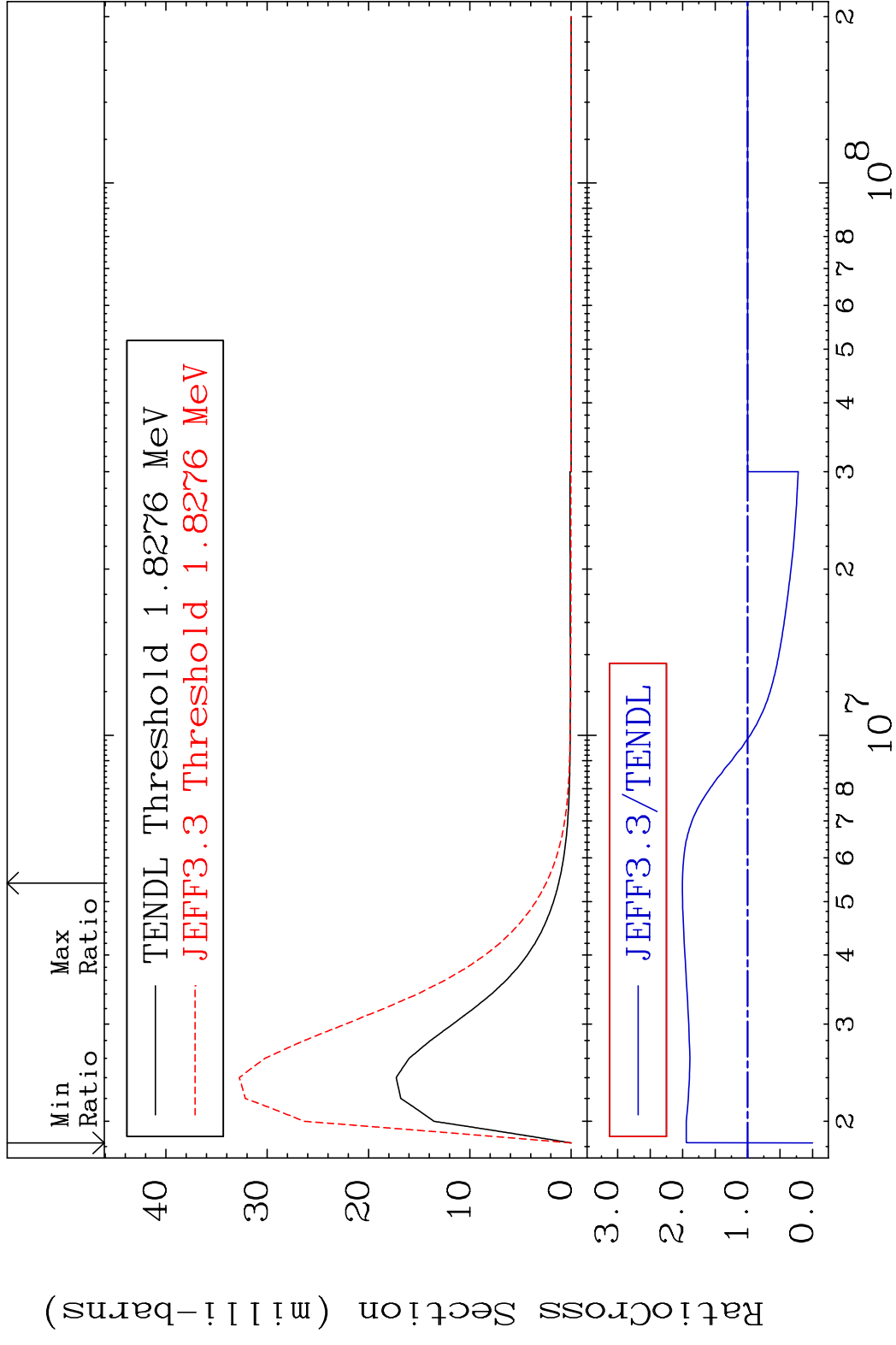
44 30-Zn-67

MAT 3034 MT= 75 (n, n') Level 30-Zn-67
 Cross Section -4.560 To 11.04 %

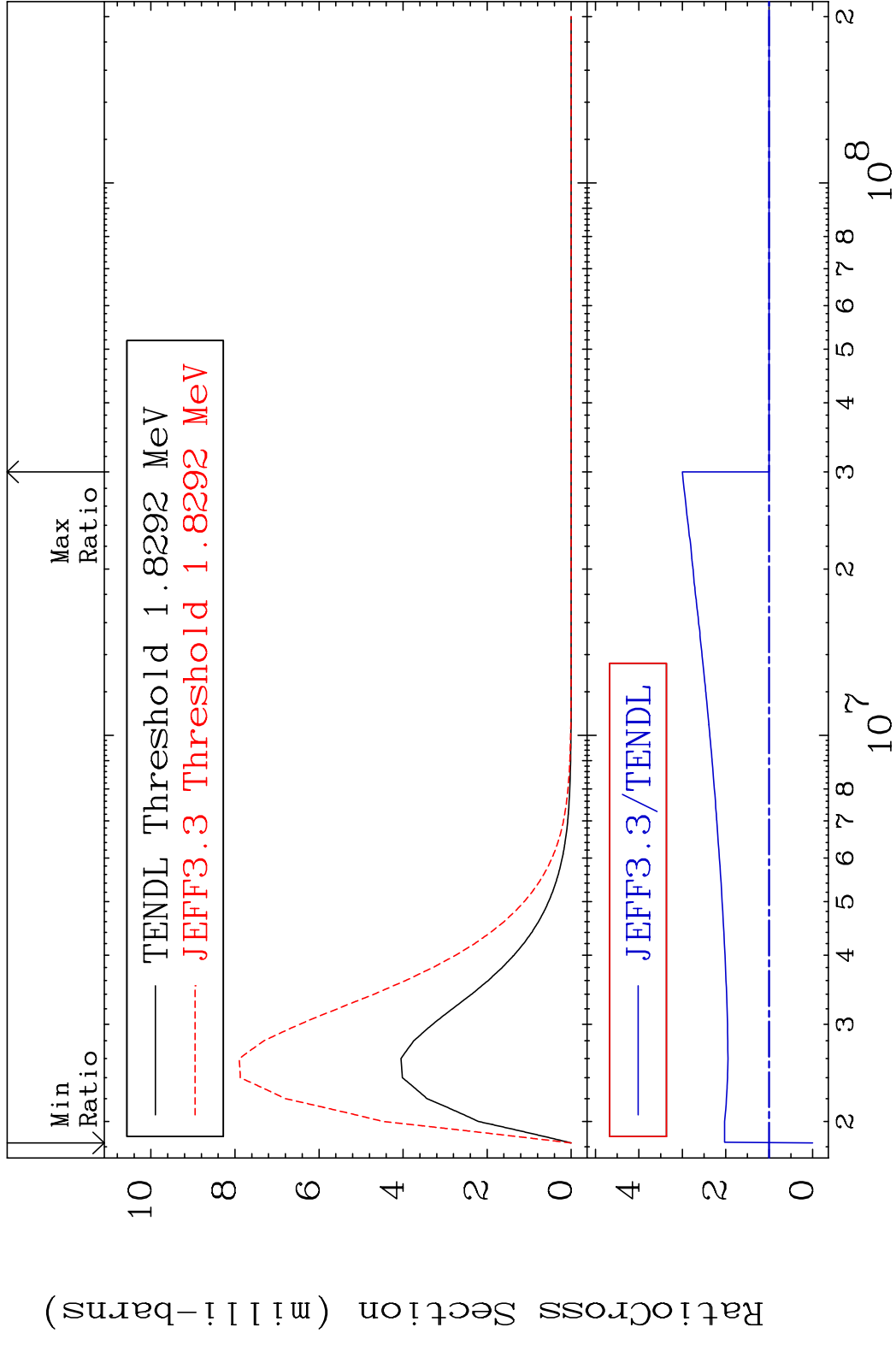


45 Incident Energy (eV) 30-Zn-67

MAT 3034 MT= 76 (n,n') Level 30-Zn-67
 Cross Section -100.0 To 100.5 %

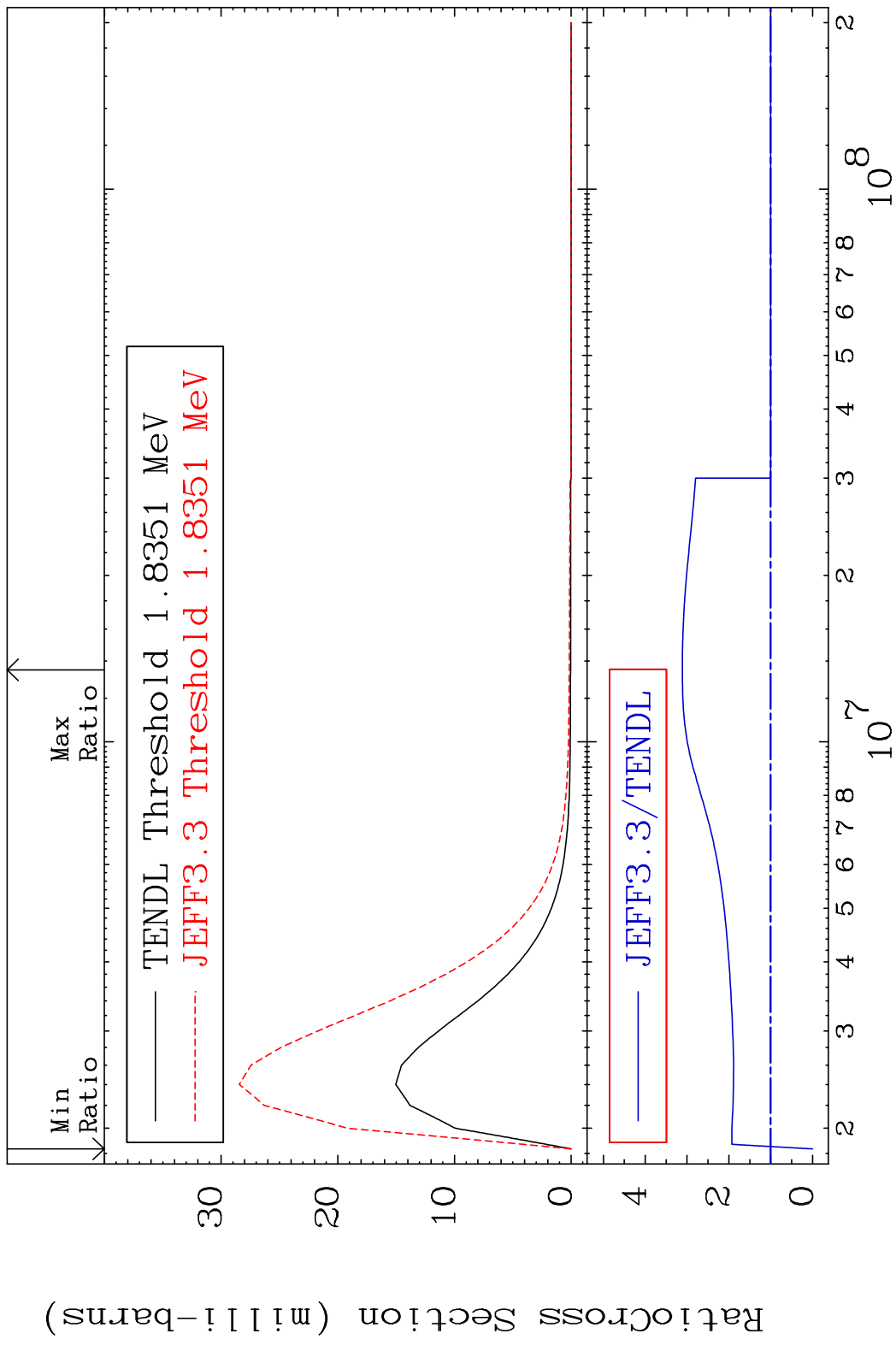


MAT 3034 MT= 77 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 199.9 %

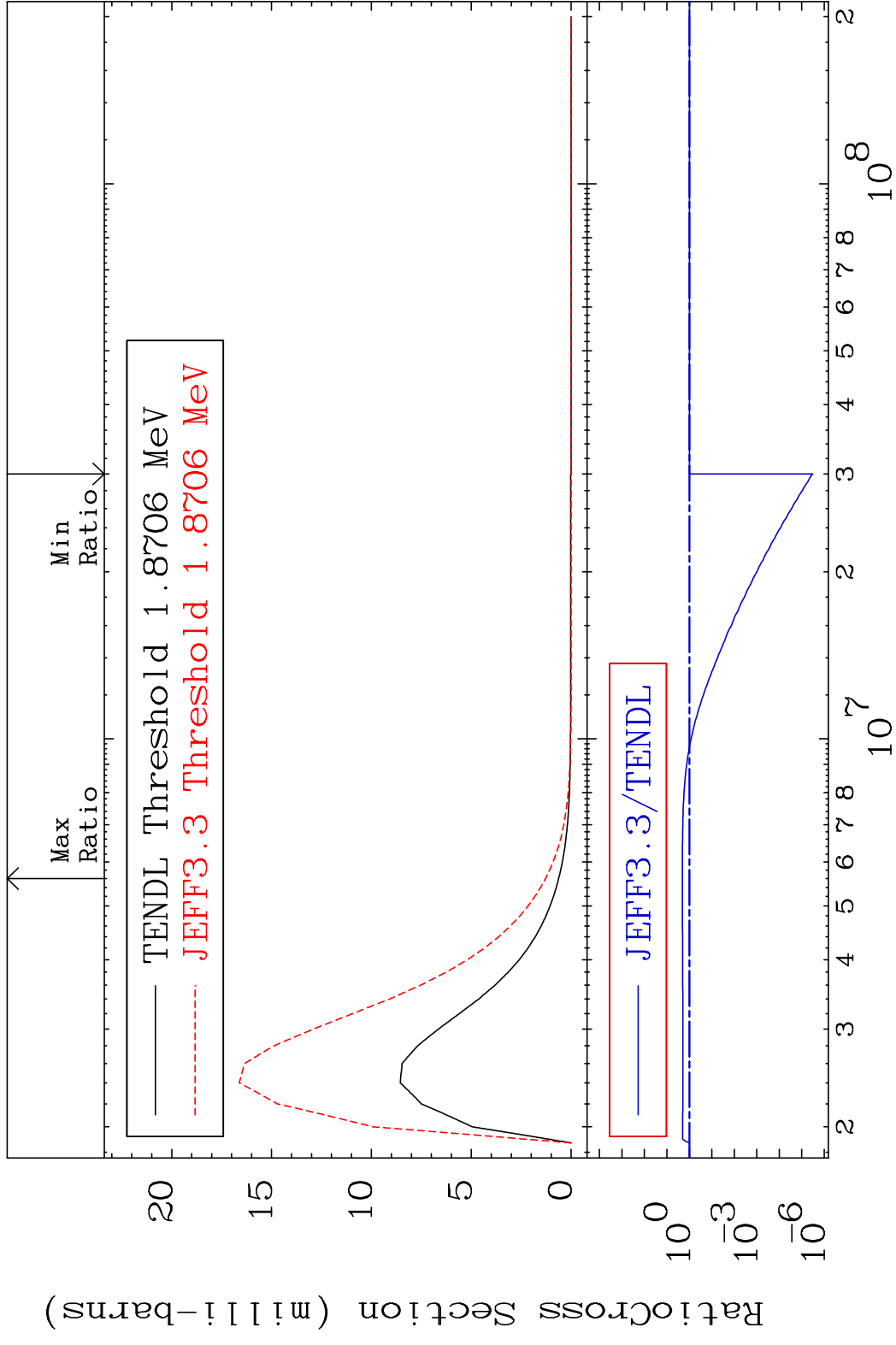


47 30-Zn-67

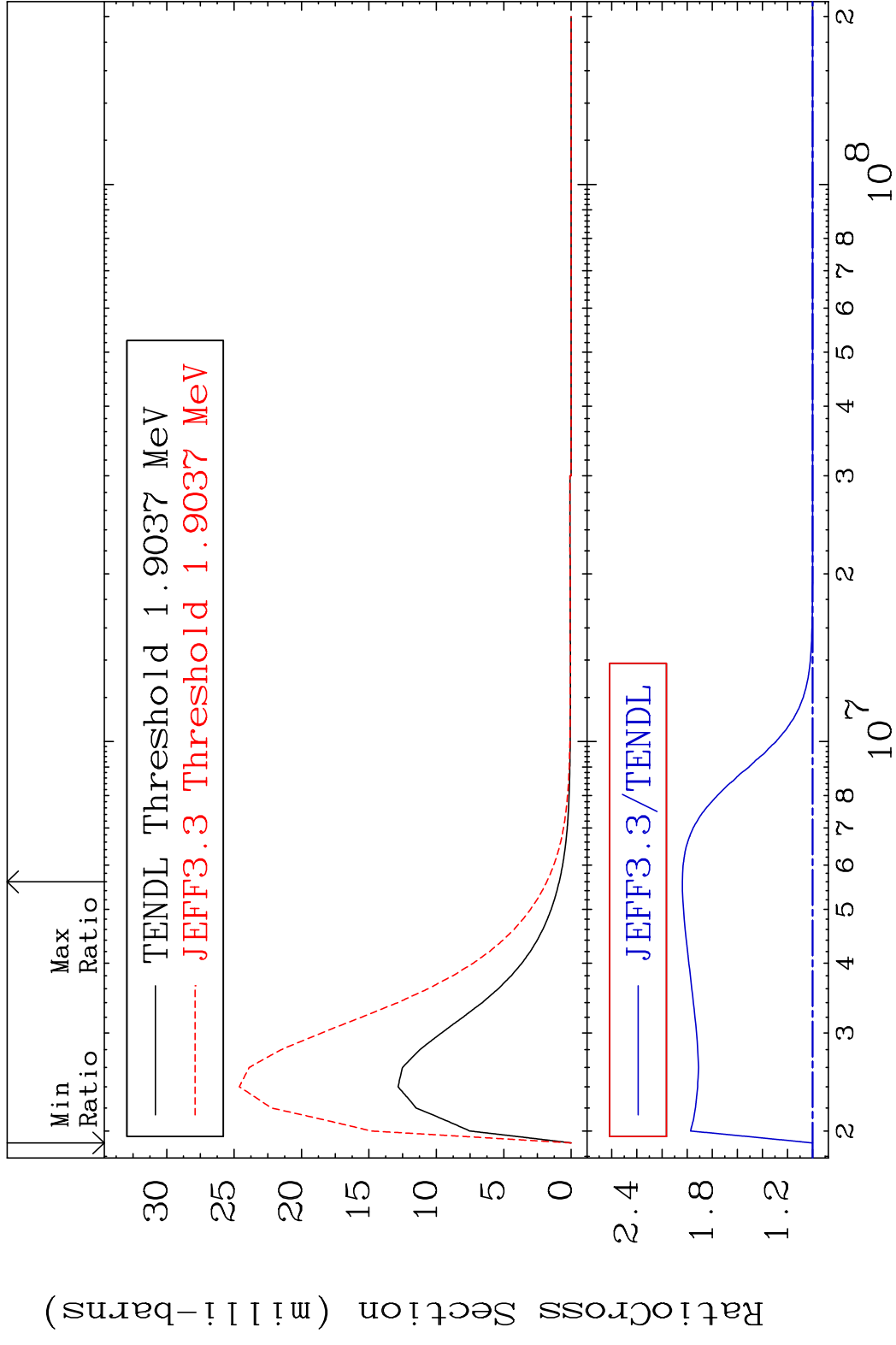
MAT 3034 MT= 78 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 211.2 %



MAT 3034 MT= 79 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 105.1 %



MAT 3034 MT= 80 (n, n') Level 30-Zn-67
 Cross Section 0.000 To 103.8 %

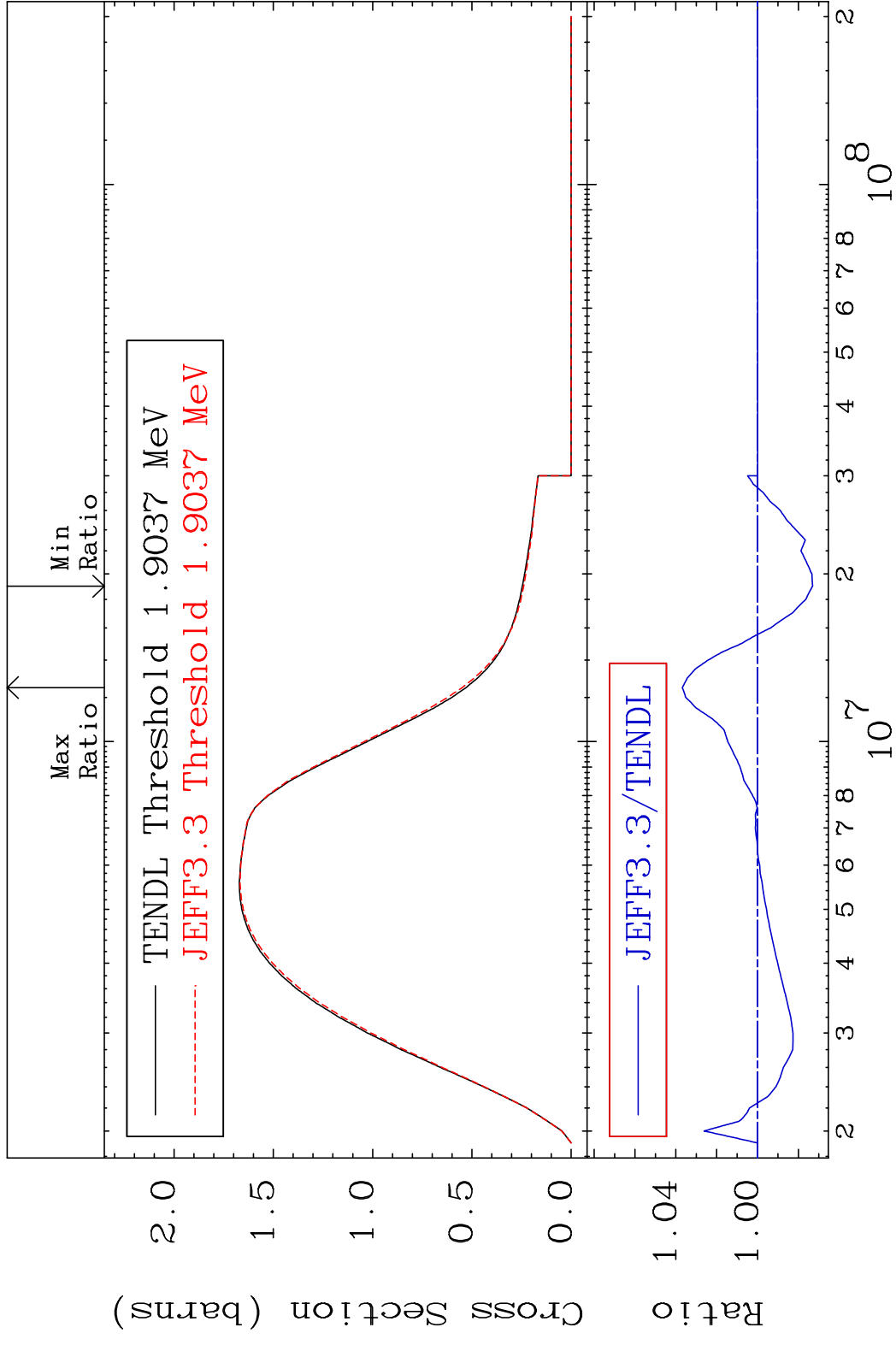


MAT 3034

(n,n') Continuum

30-Zn-67

Cross Section -2.693 To 3.682 %

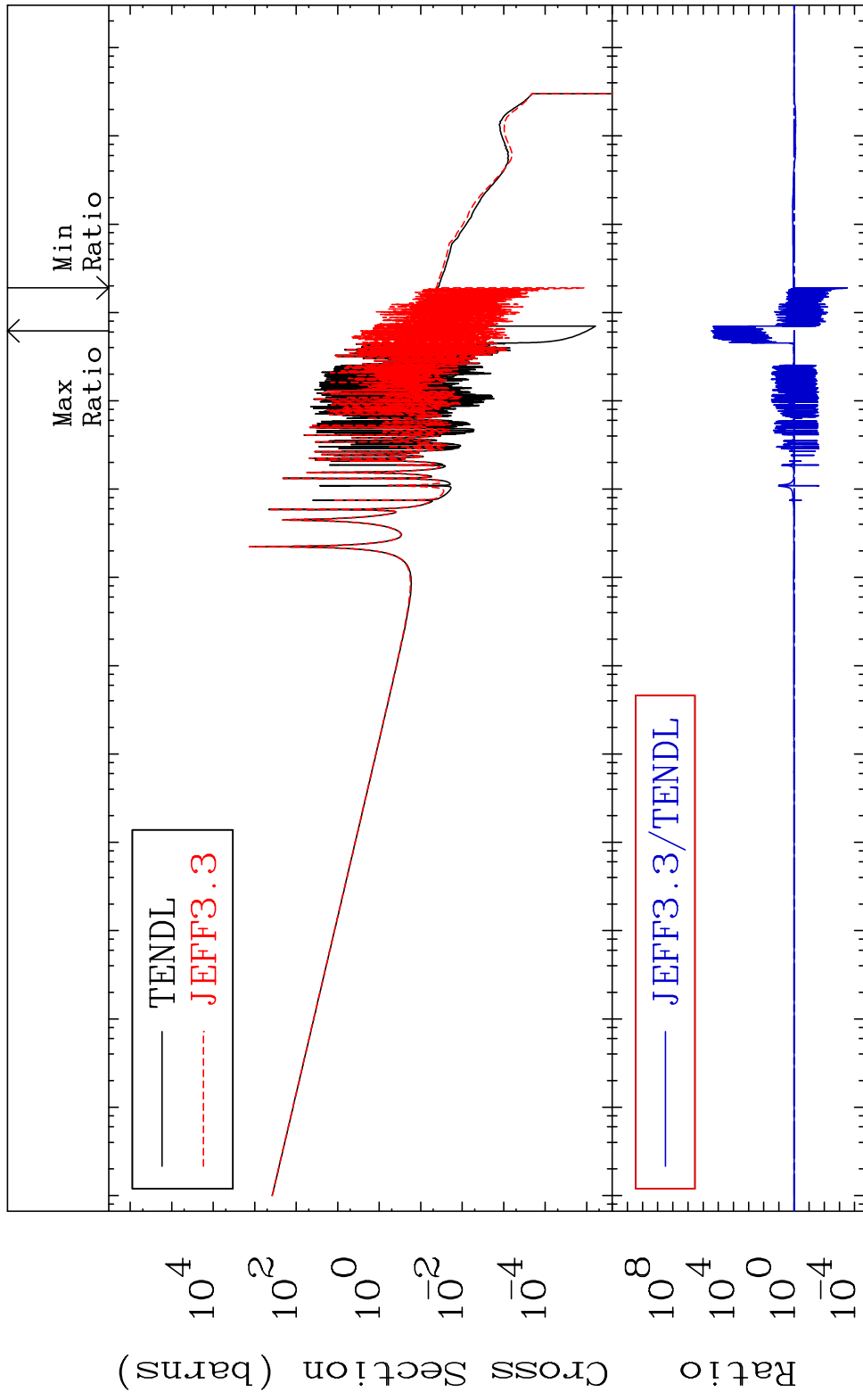


MAT 3034

(n, γ)

30-Zn-67

Cross Section -99.97 To 9999. %



52

Incident Energy (eV)

30-Zn-67

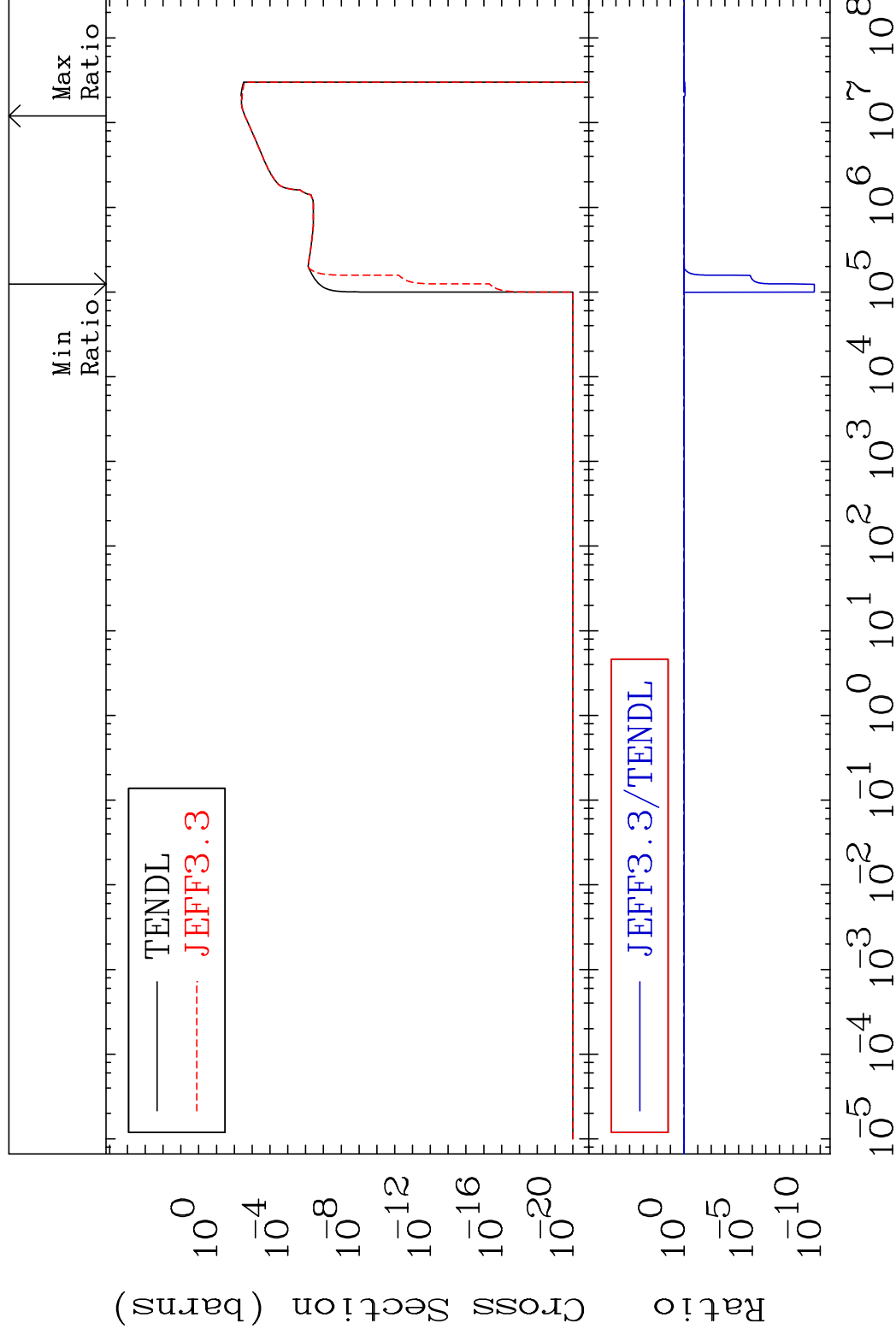
MAT 3034

(n, p)

30-Zn-67

Cross Section

-100.0 To 0.577 %

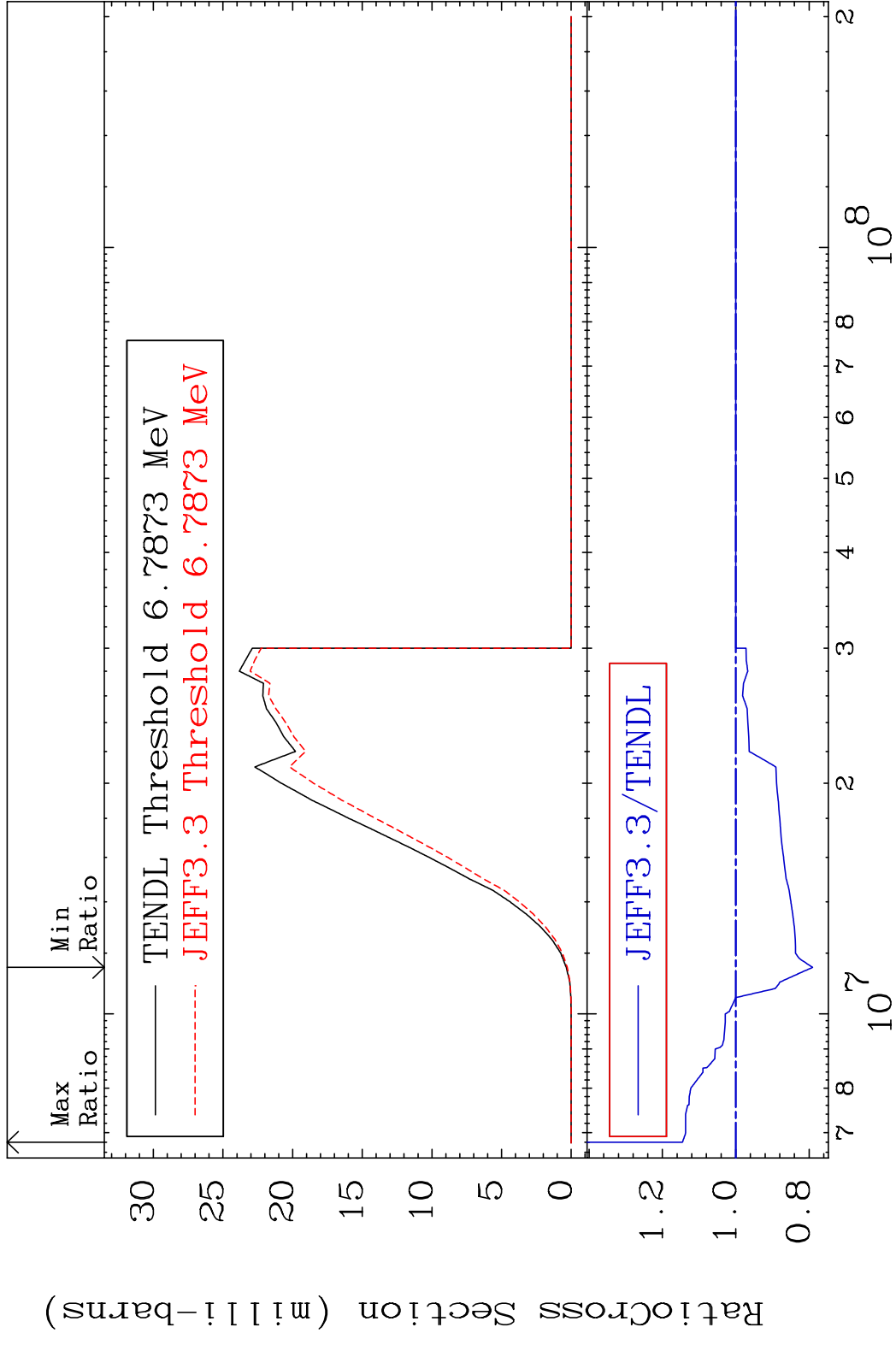


53

Incident Energy (eV)

30-Zn-67

MAT 3034 (n,d) 30-Zn-67
 Cross Section -20.93 To 14.57 %

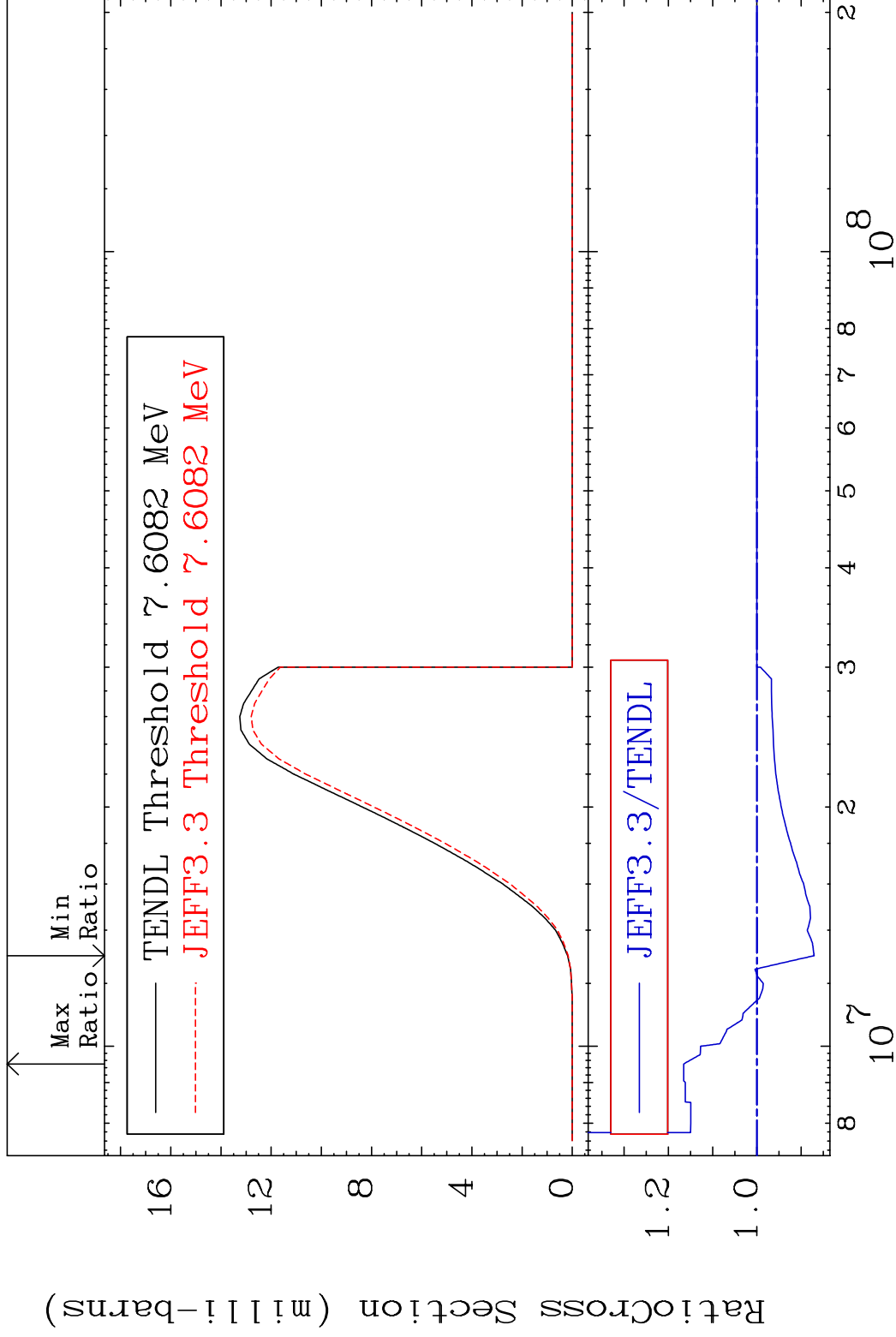


MAT 3034

(n, t)

30-Zn-67

Cross Section -12.92 To 16.55 %



55

Incident Energy (eV)

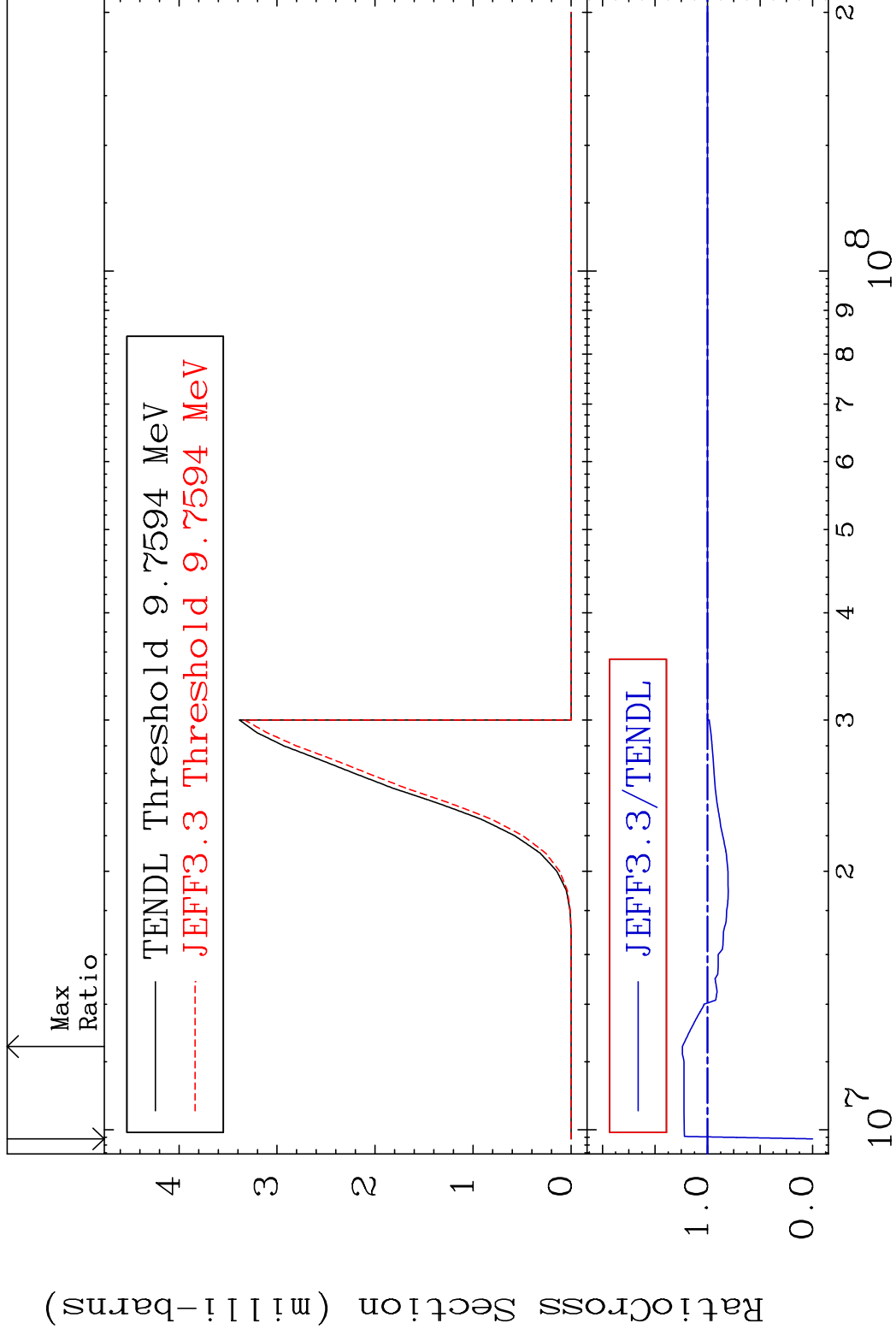
30-Zn-67

MAT 3034

(n, He-3)

30-Zn-67

Cross Section -100.0 To 23.99 %



56

Incident Energy (eV)

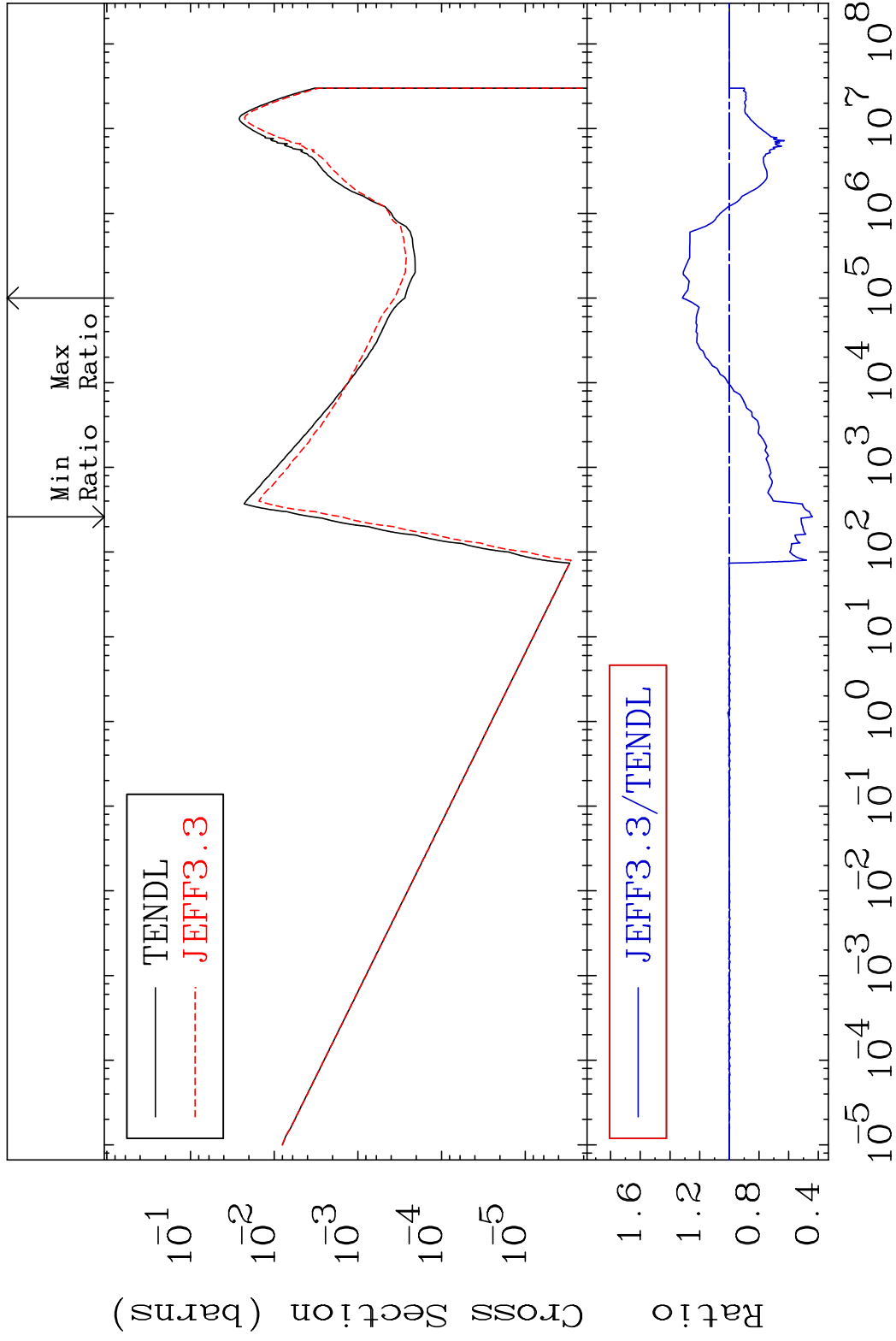
30-Zn-67

MAT 3034

(n, α)

30-Zn-67

Cross Section -56.11 To 31.65 %

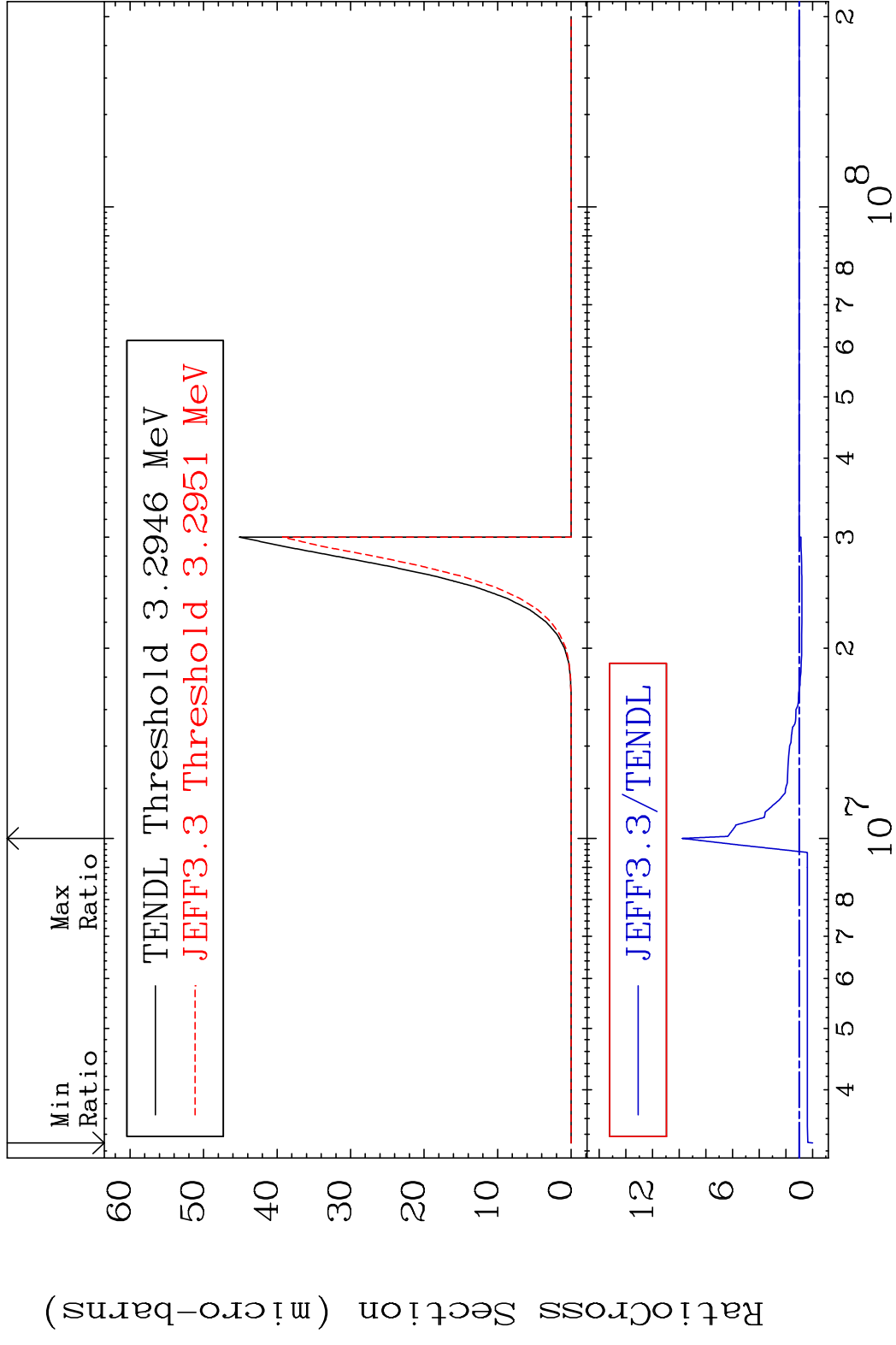


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Incident Energy (eV)

30-Zn-67

MAT 3034 (n,2α) 30-Zn-67
 Cross Section -100.0 To 876.4 %



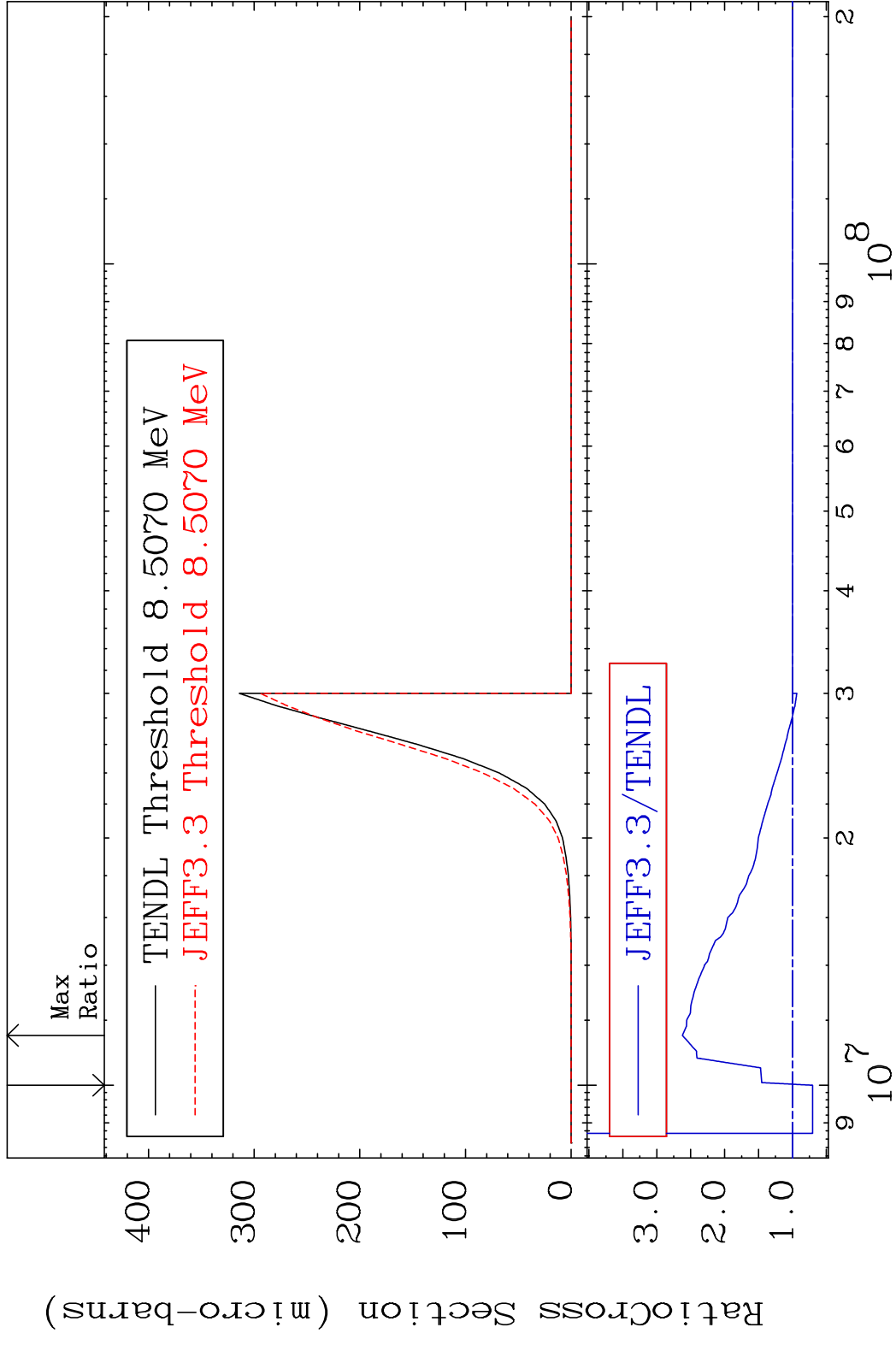
MAT 3034

(n,2p)

30-Zn-67

Cross Section

-29.60 To 162.3 %

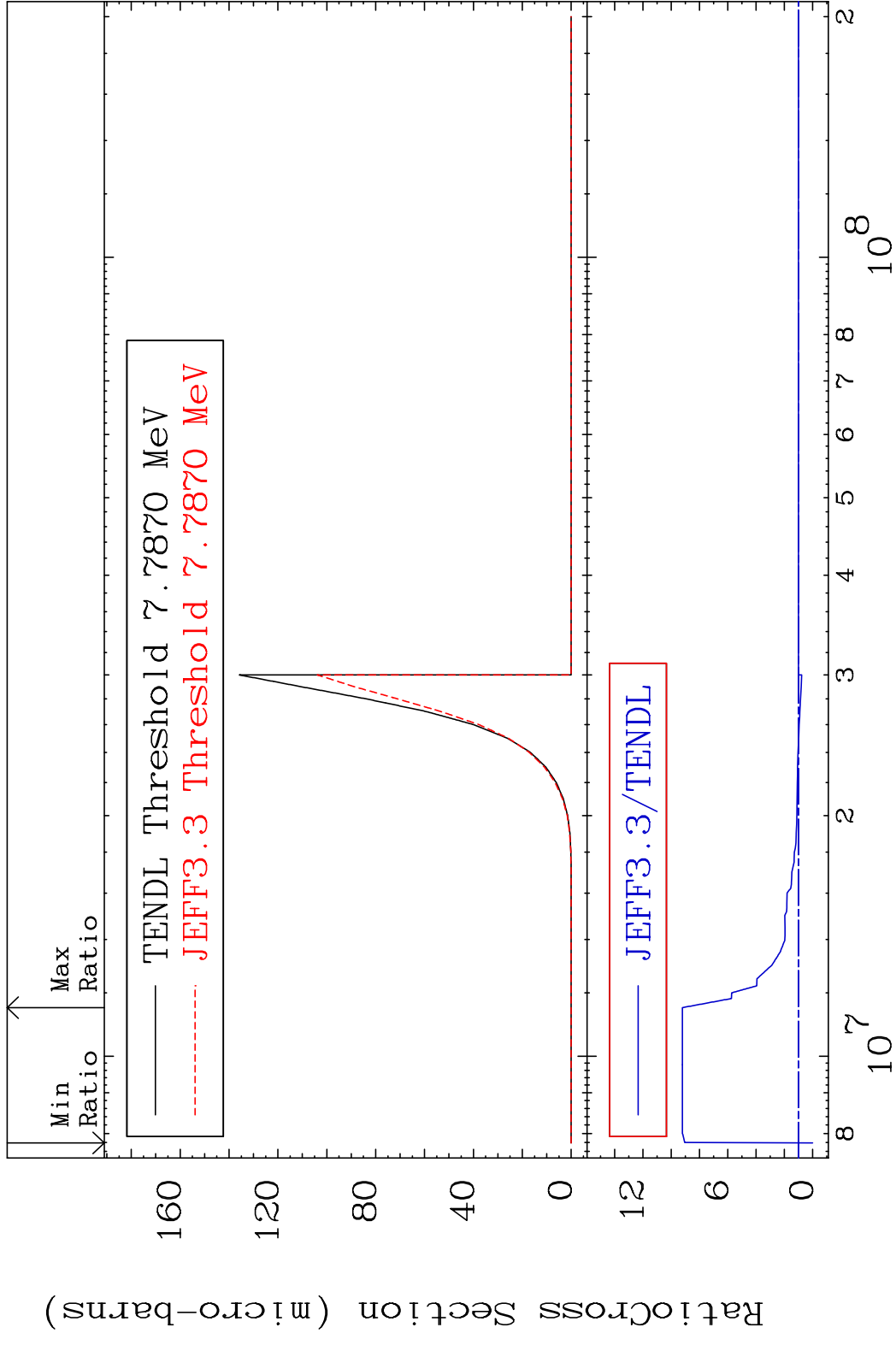


59

Incident Energy (eV)

30-Zn-67

MAT 3034 (n,p) α 30-Zn-67
 Cross Section -100.0 To 820.7 %

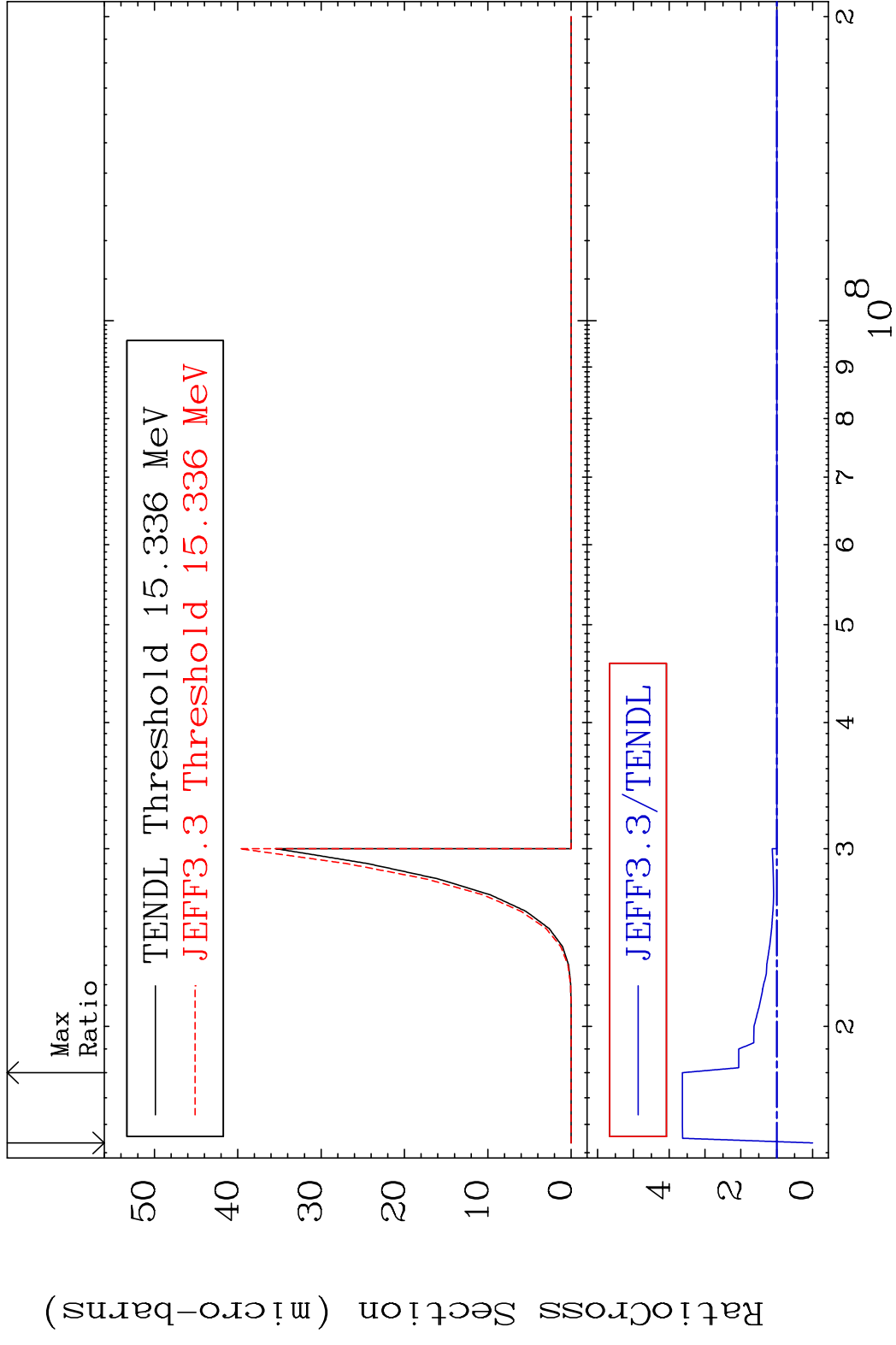


60

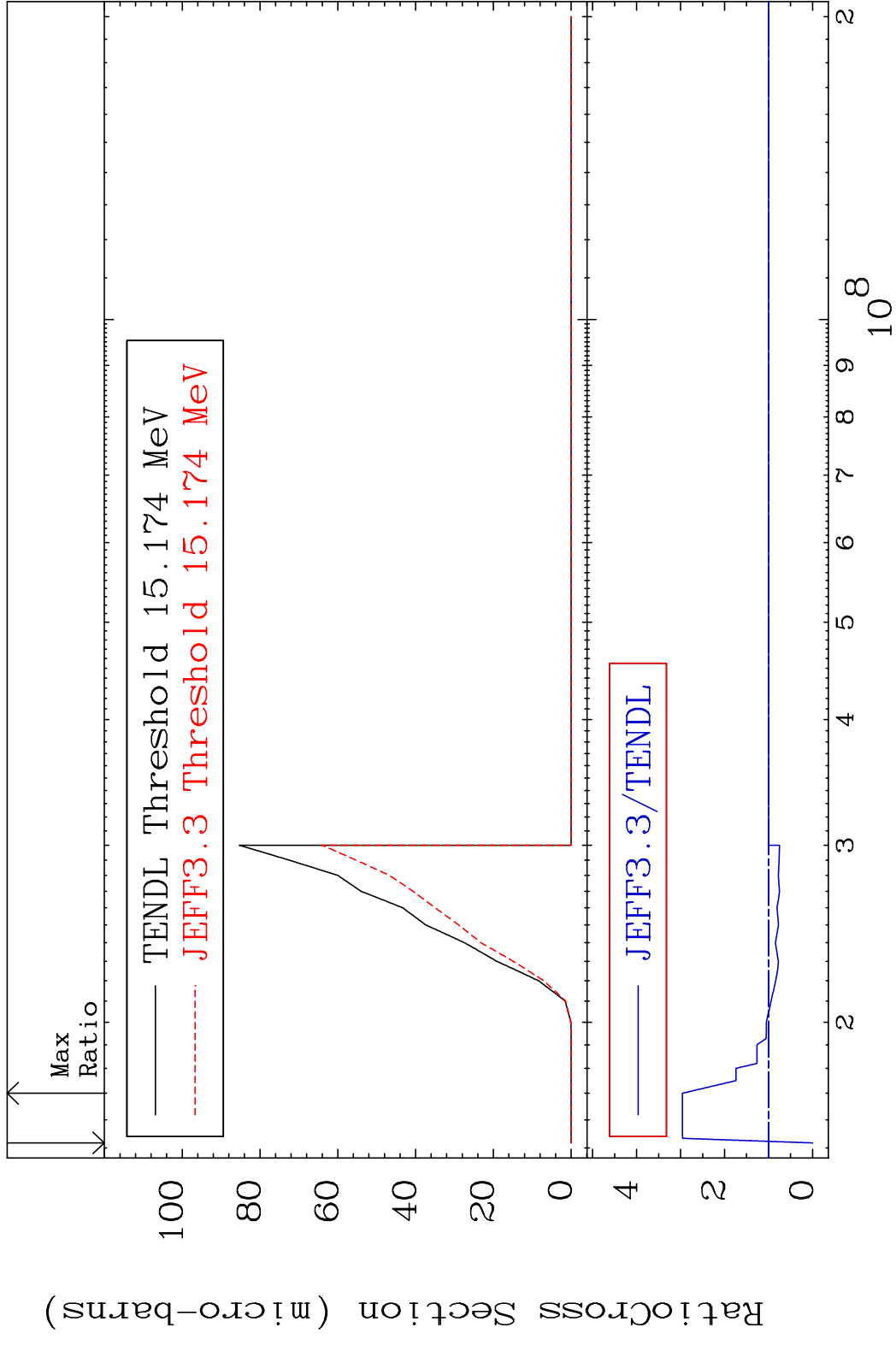
Incident Energy (eV)

30-Zn-67

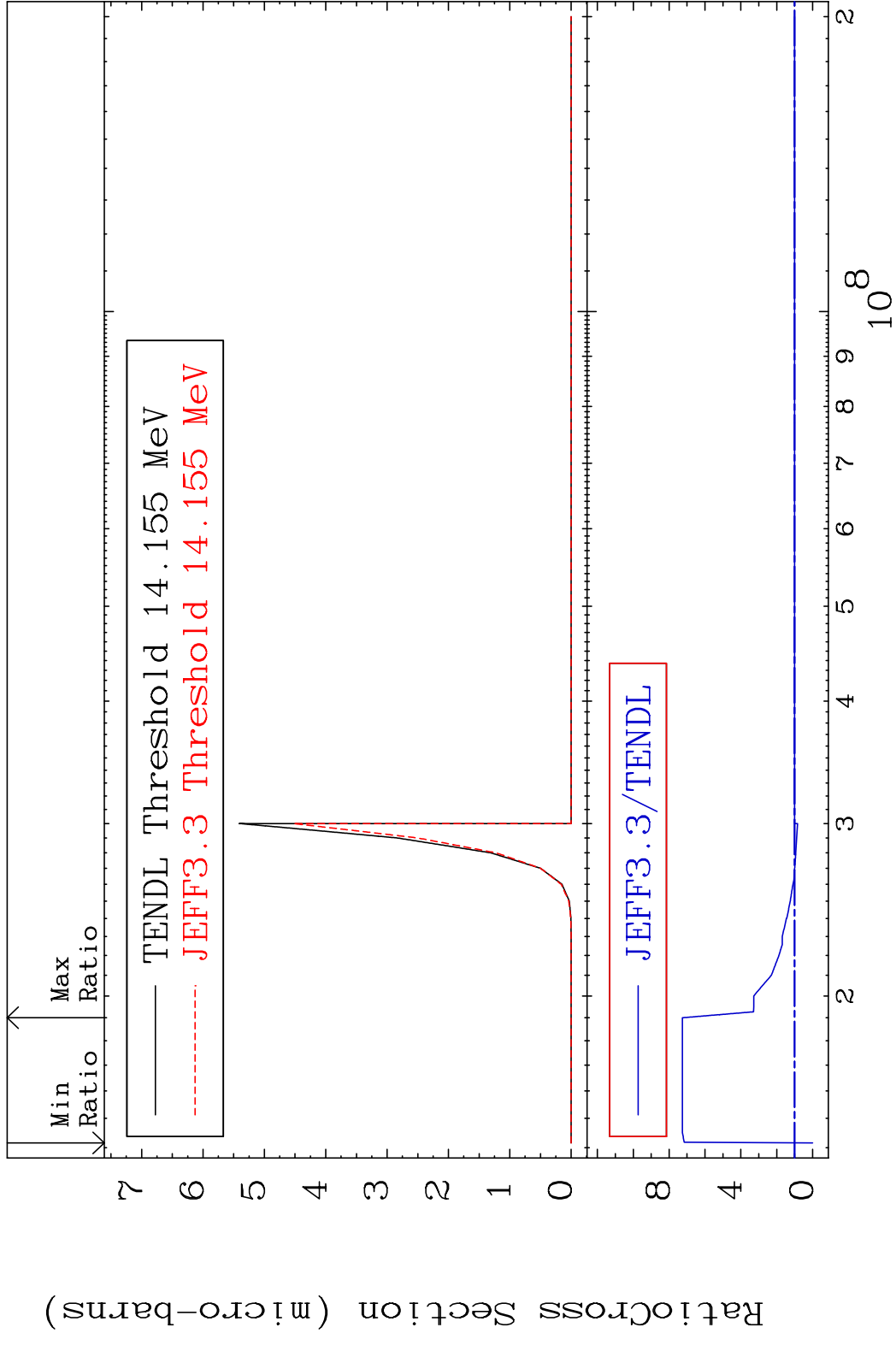
MAT 3034 (n,p) d 30-Zn-67
 Cross Section -100.0 To 263.3 %



MAT 3034 (n,p) t 30-Zn-67
 Cross Section -100.0 To 196.0 %



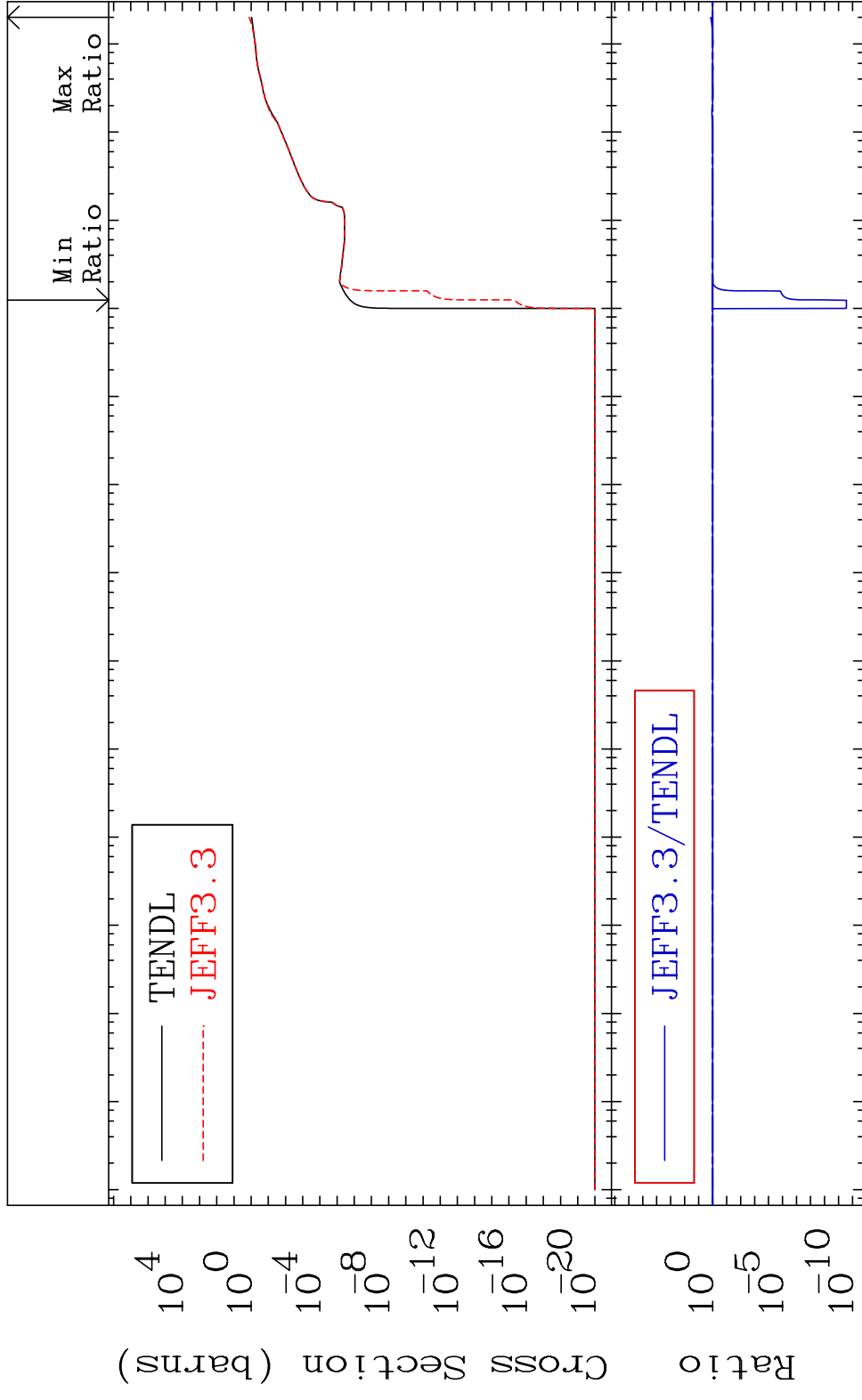
MAT 3034 (n,d) α 30-Zn-67
 Cross Section -100.0 To 626.2 %



MAT 3034

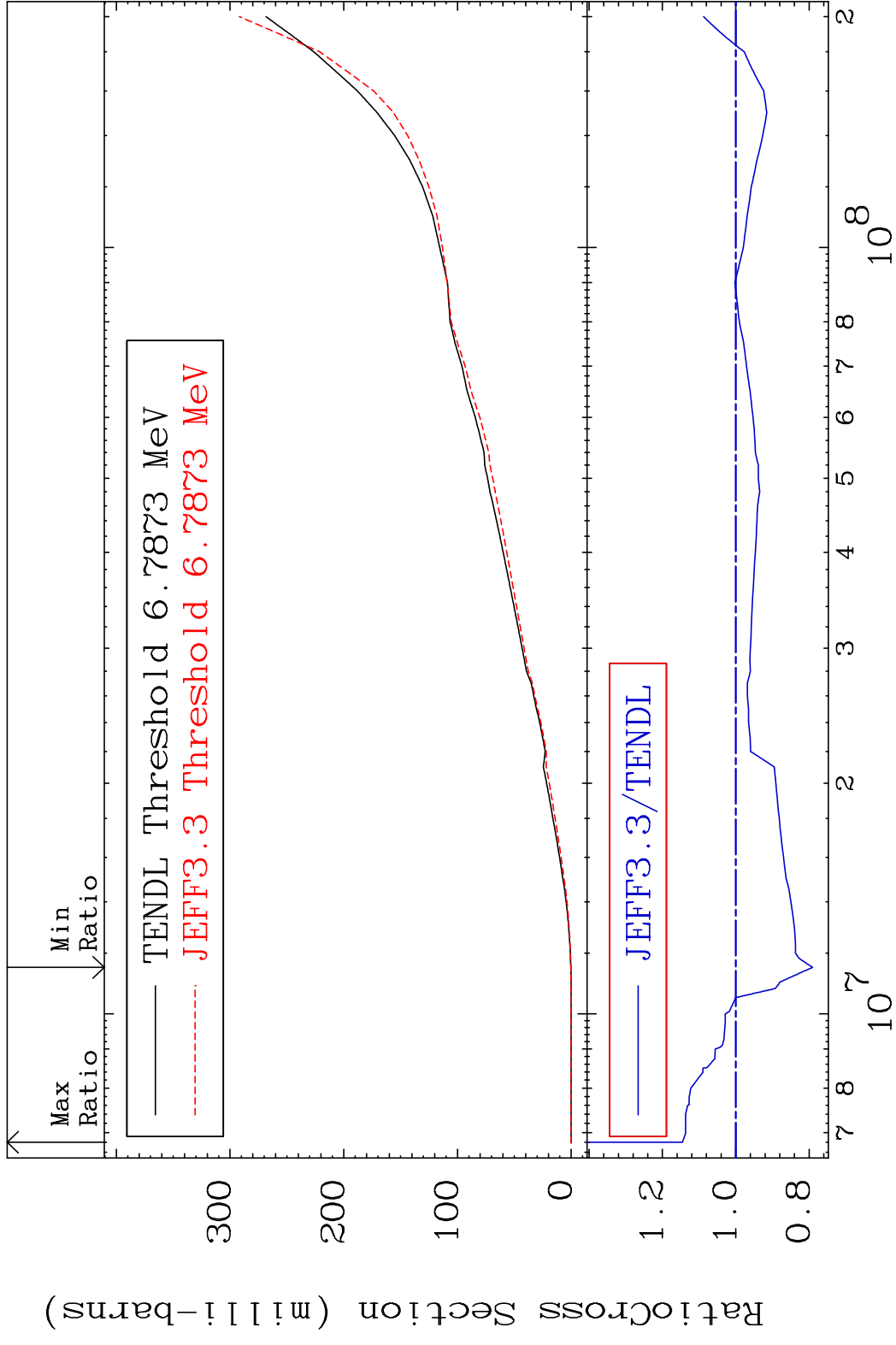
Hydrogen Production
Cross Section -100.0 To 37.27 %

30-Zn-67



MAT 3034

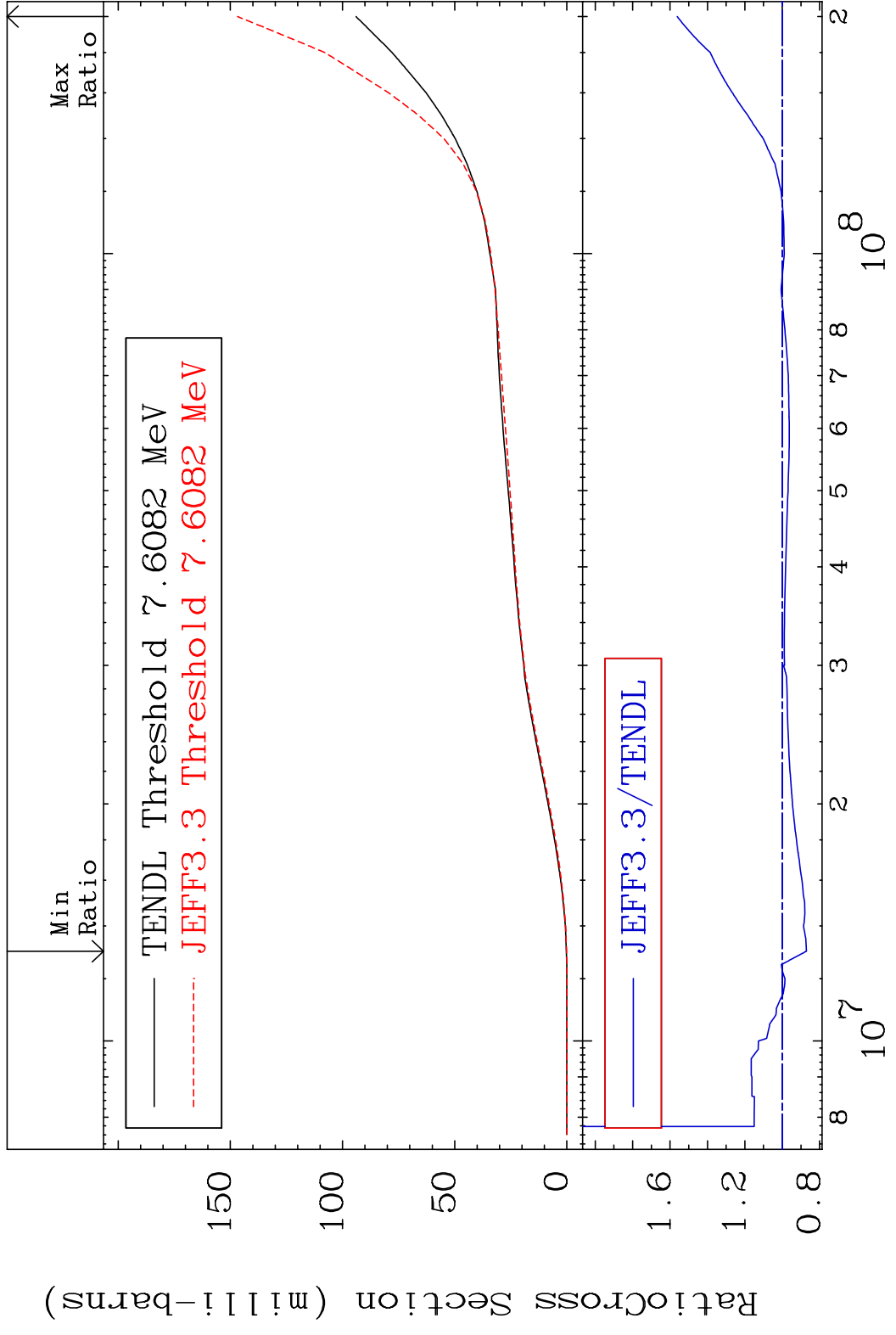
Deuterium Production 30-Zn-67
Cross Section -20.93 To 14.57 %



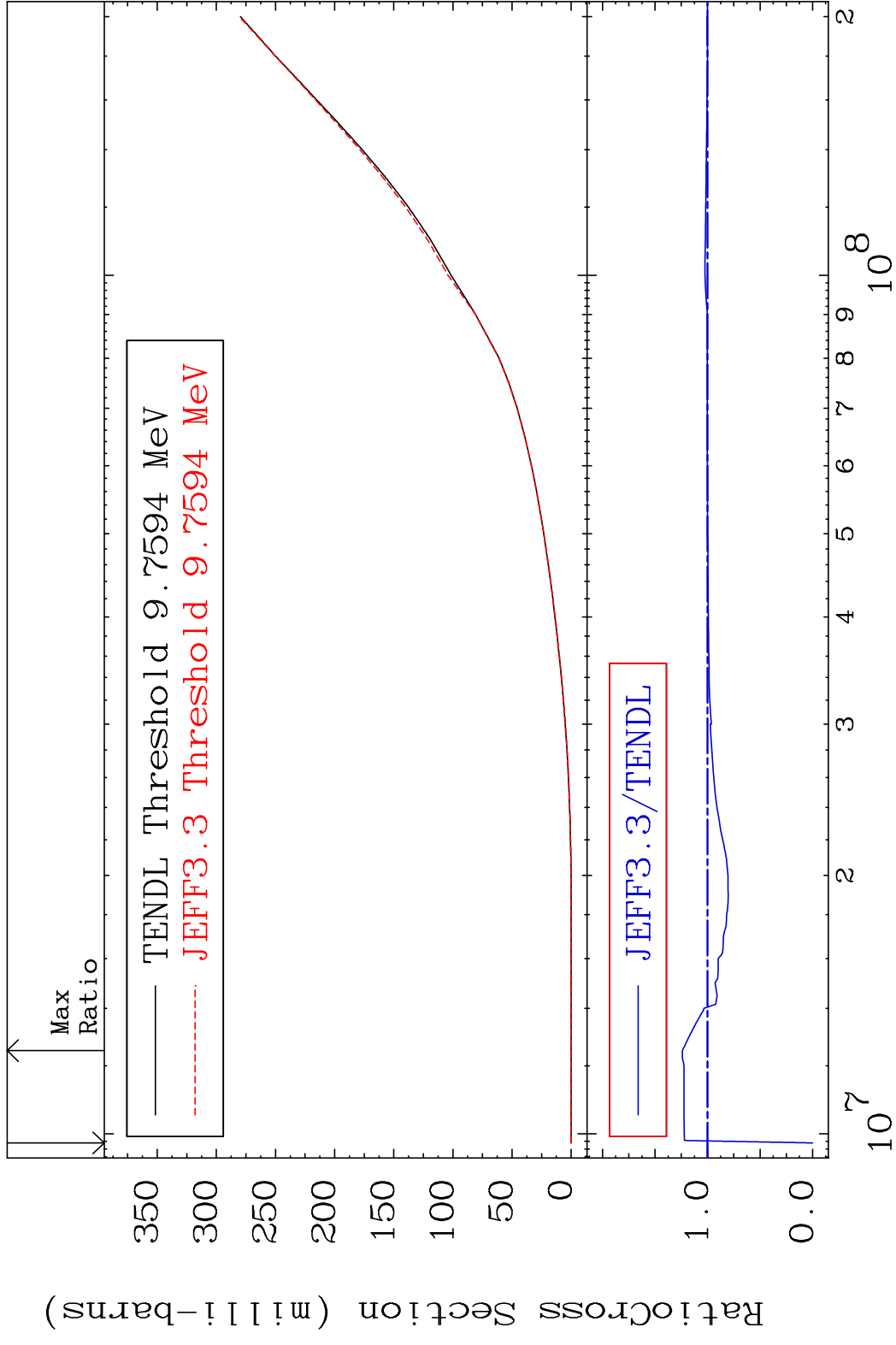
65

MAT 3034

Tritium Production 30-Zn-67
Cross Section -12.92 To 56.18 %



MAT 3034 He-3 Production 30-Zn-67
 Cross Section -100.0 To 23.99 %



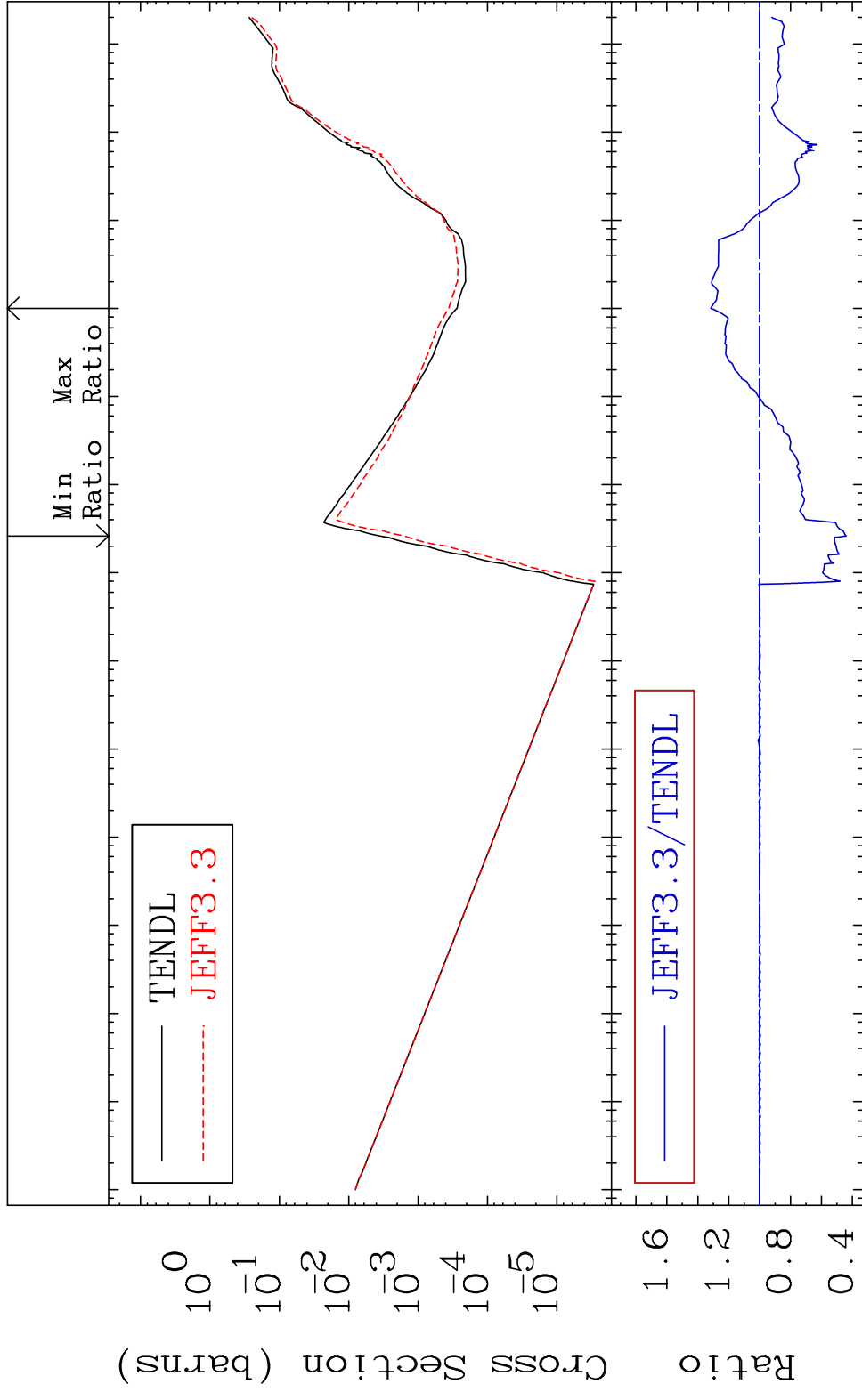
67 30-Zn-67

MAT 3034

He-4 Production

30-Zn-67

Cross Section -56.11 To 31.65 %

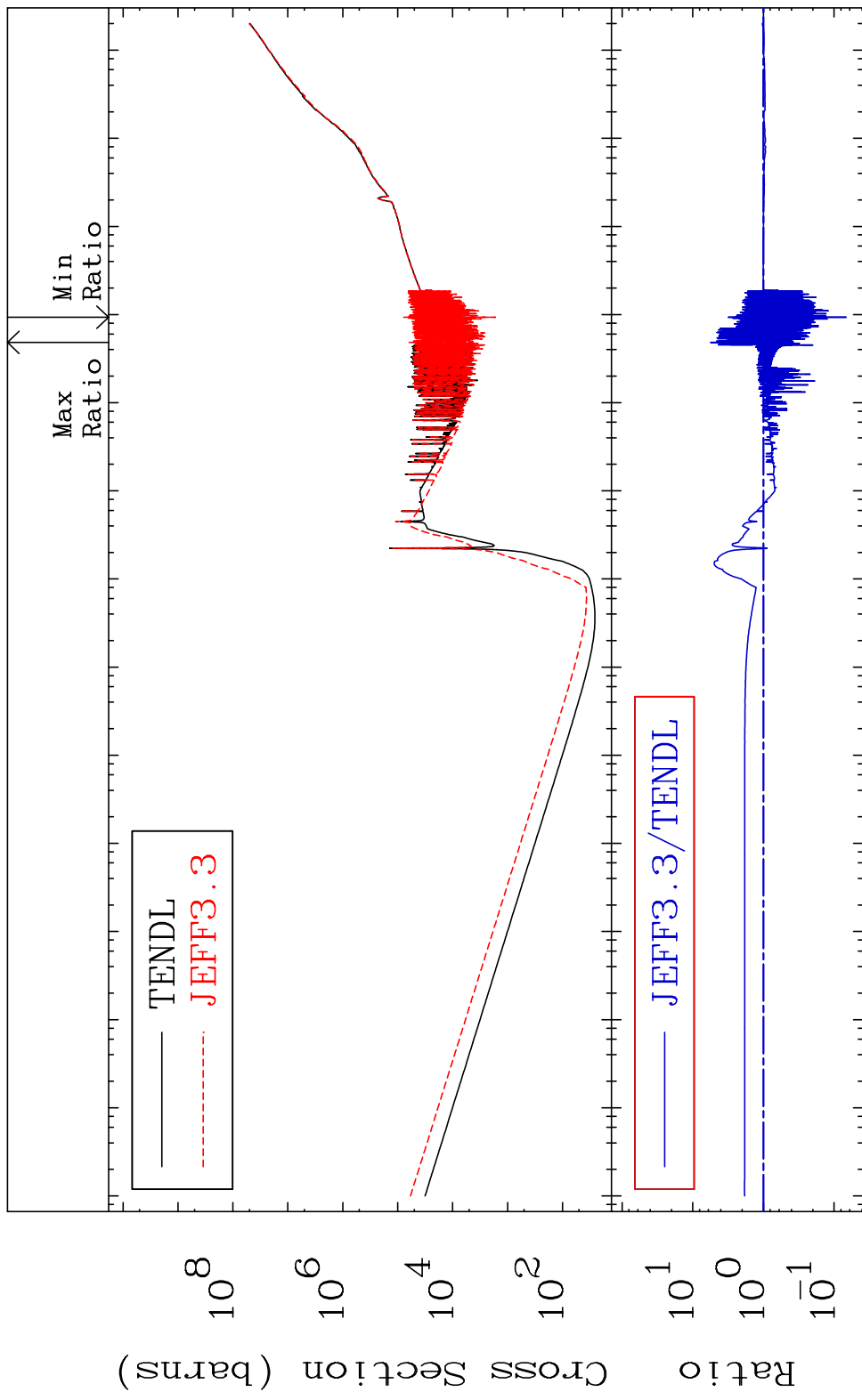


68

Incident Energy (eV)

30-Zn-67

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



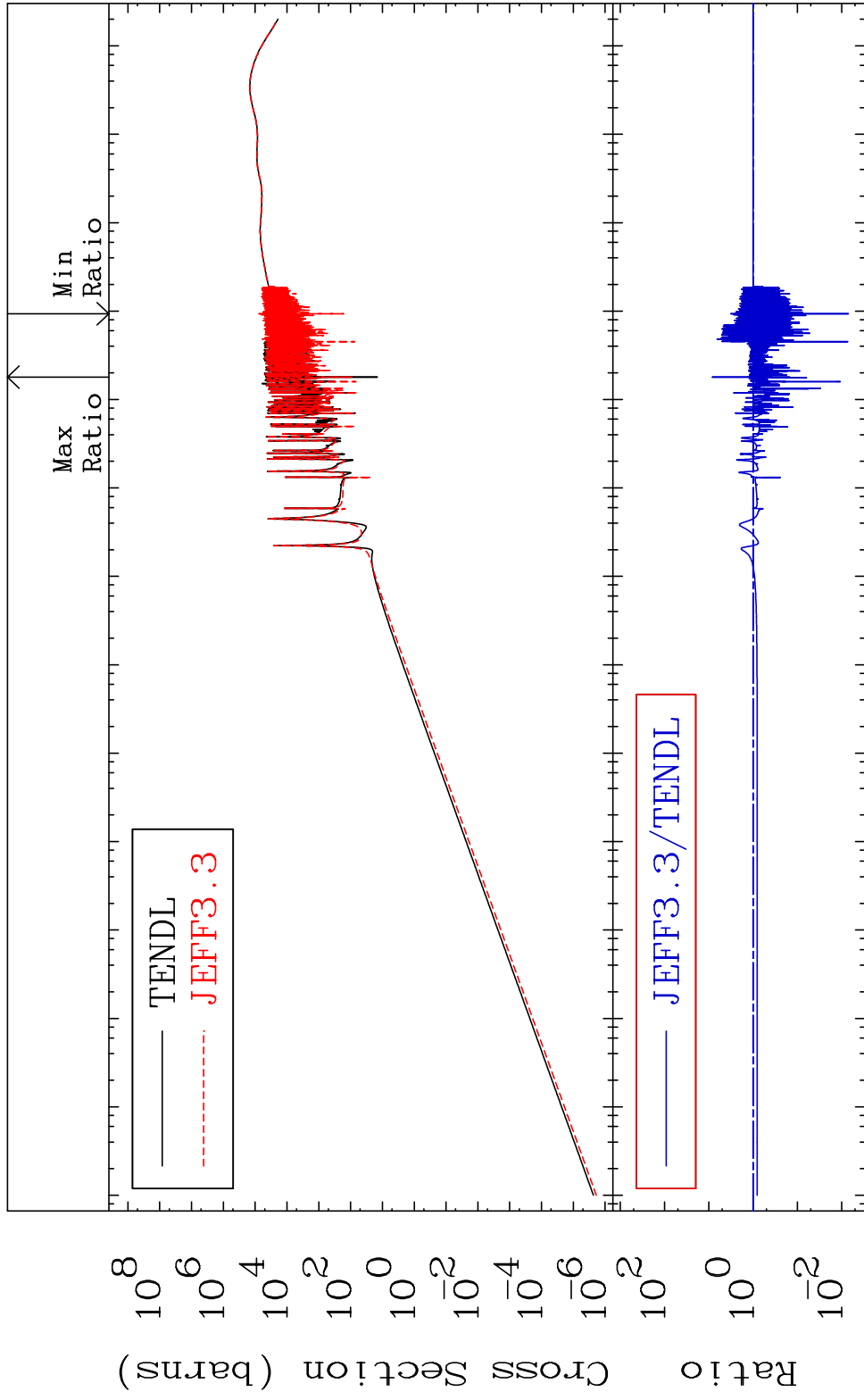
69 Incident Energy (eV) 30-Zn-67

MAT 3034

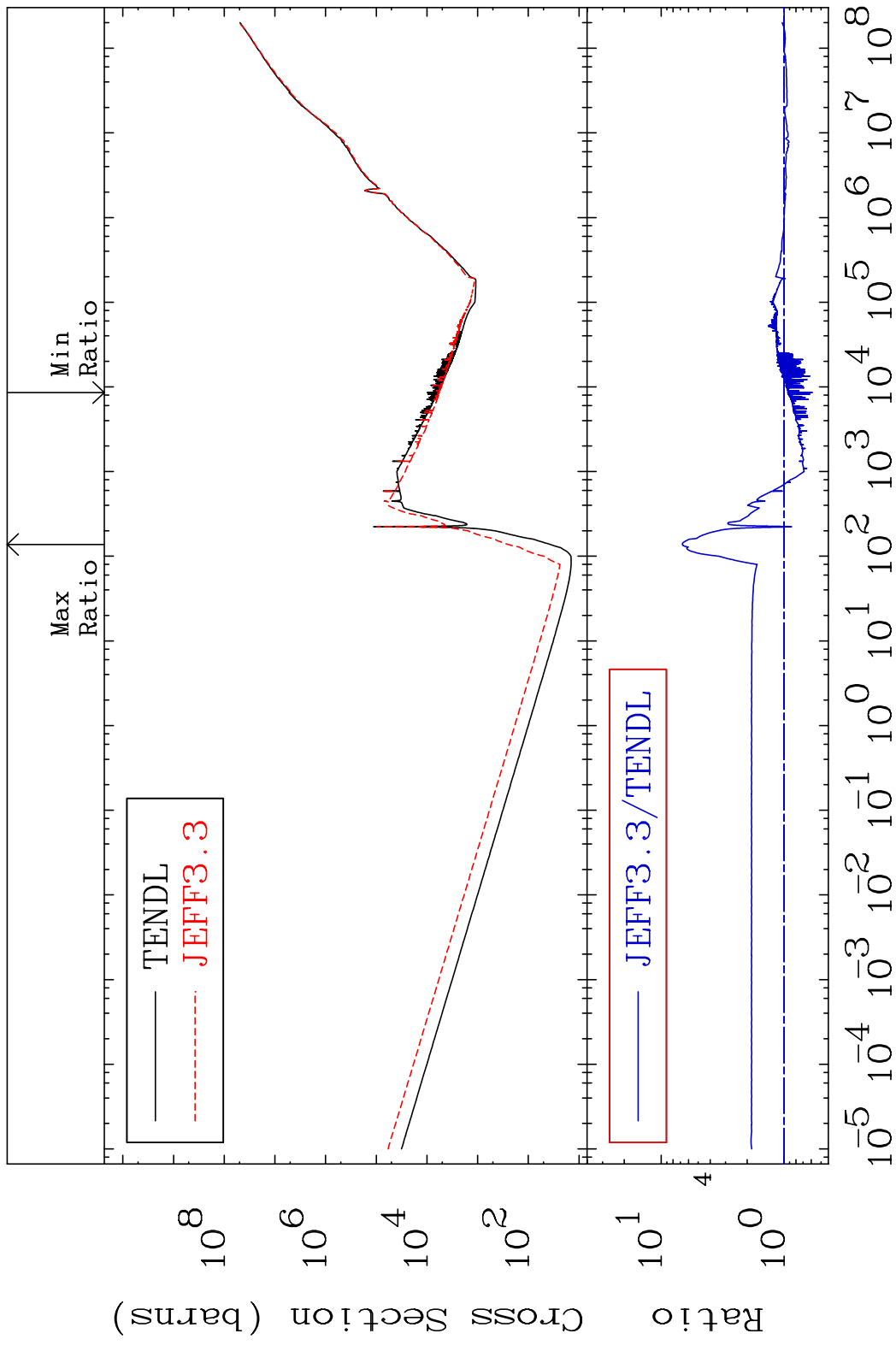
Kerma elastic

30-Zn-67

Cross Section -99.29 To 735.7 %

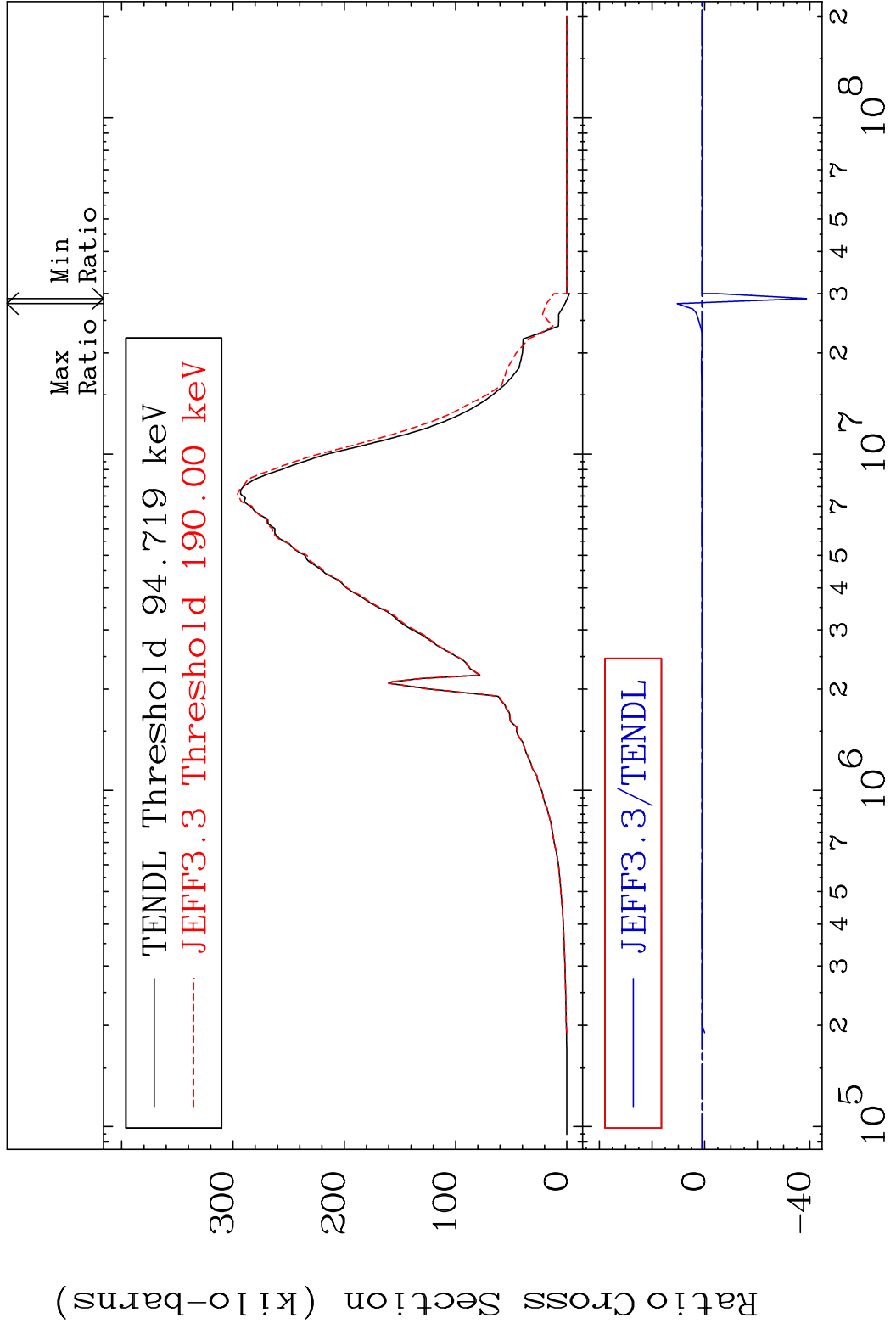


MAT 3034 Kerma non-elastic (all but mt2) 30-Zn-67
 Cross Section -41.38 To 573.2 %



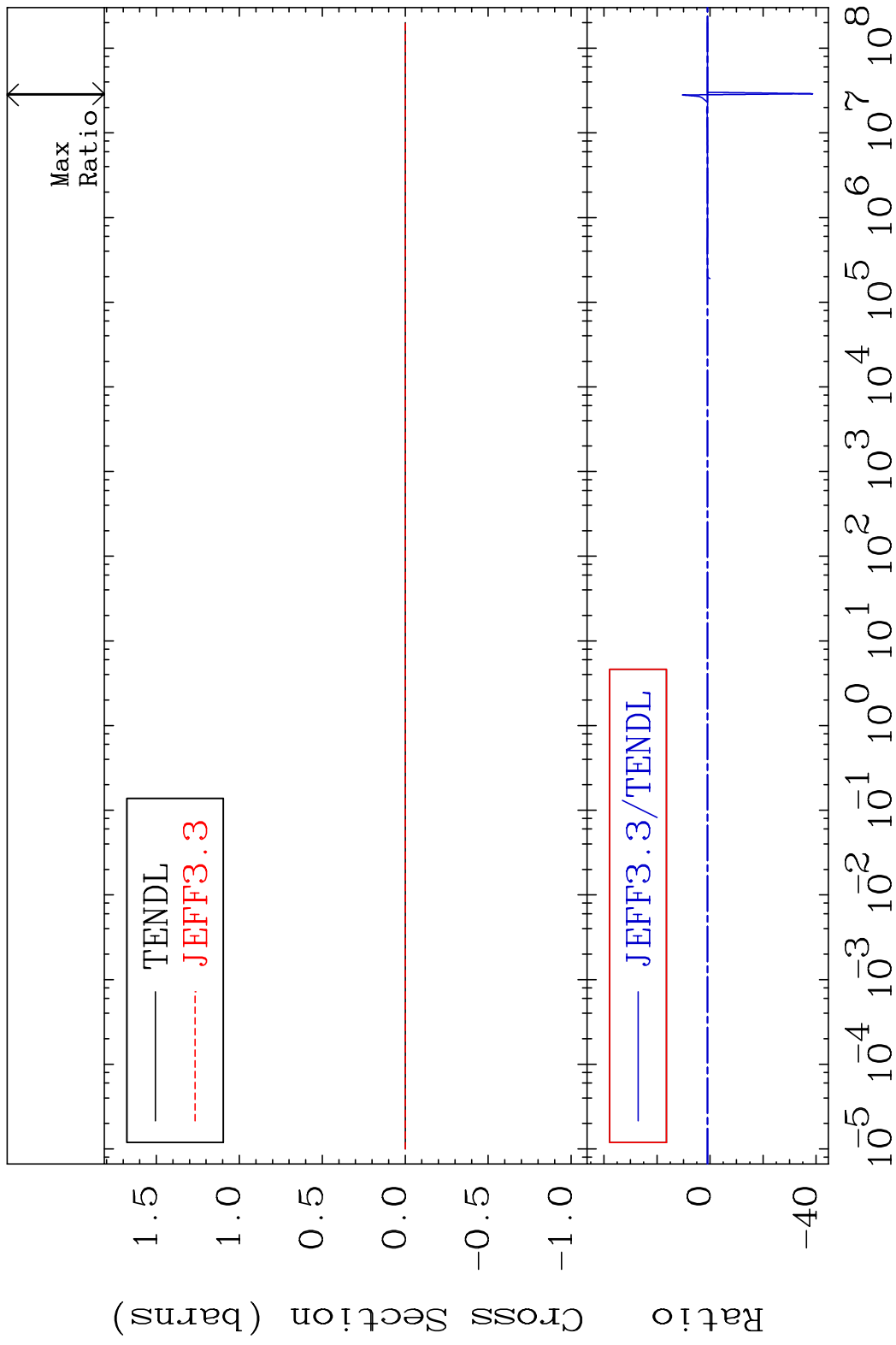
71 Incident Energy (eV) 30-Zn-67

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 %



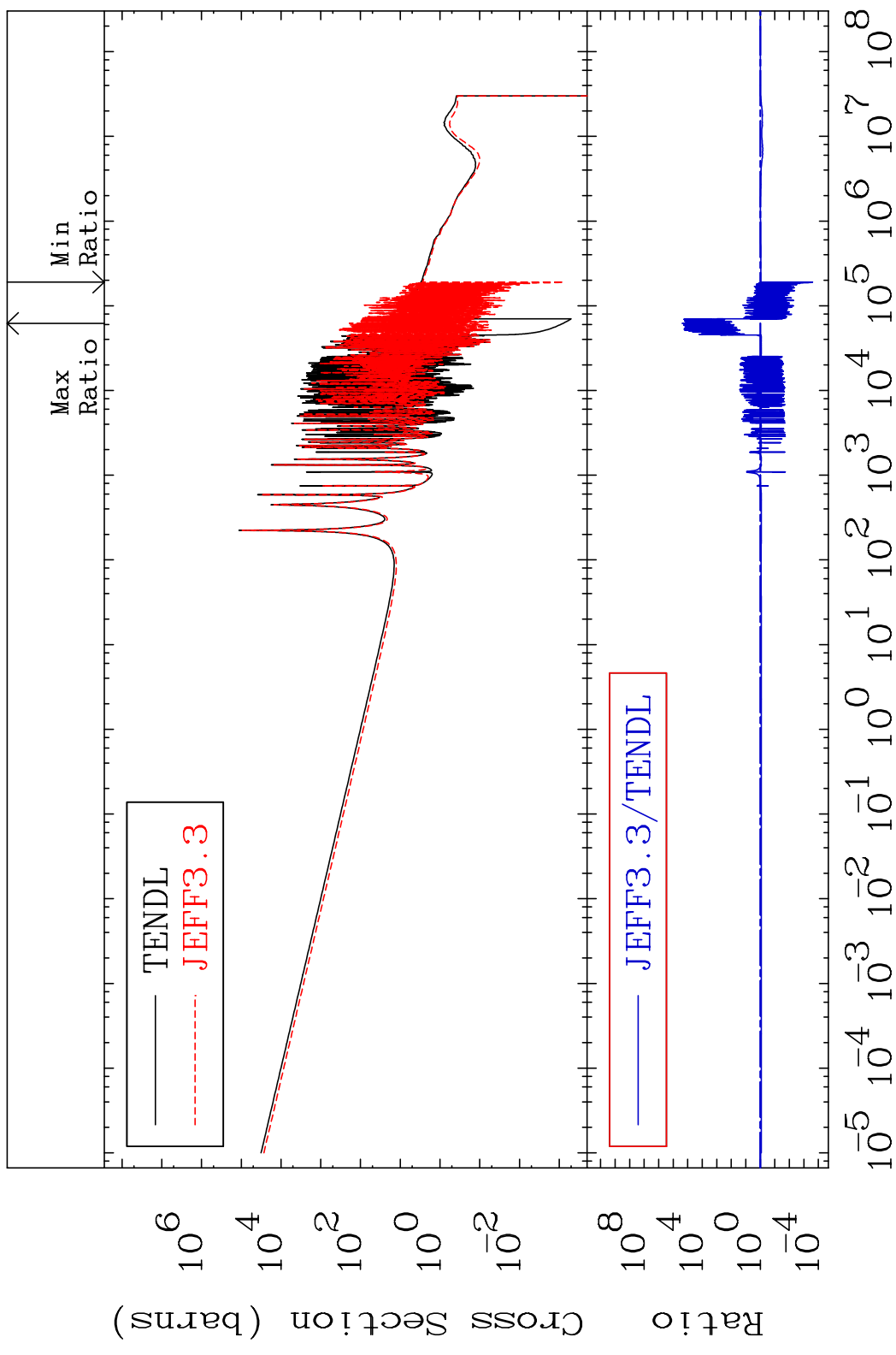
73

Incident Energy (eV)

30-Zn-67

MAT 3034

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

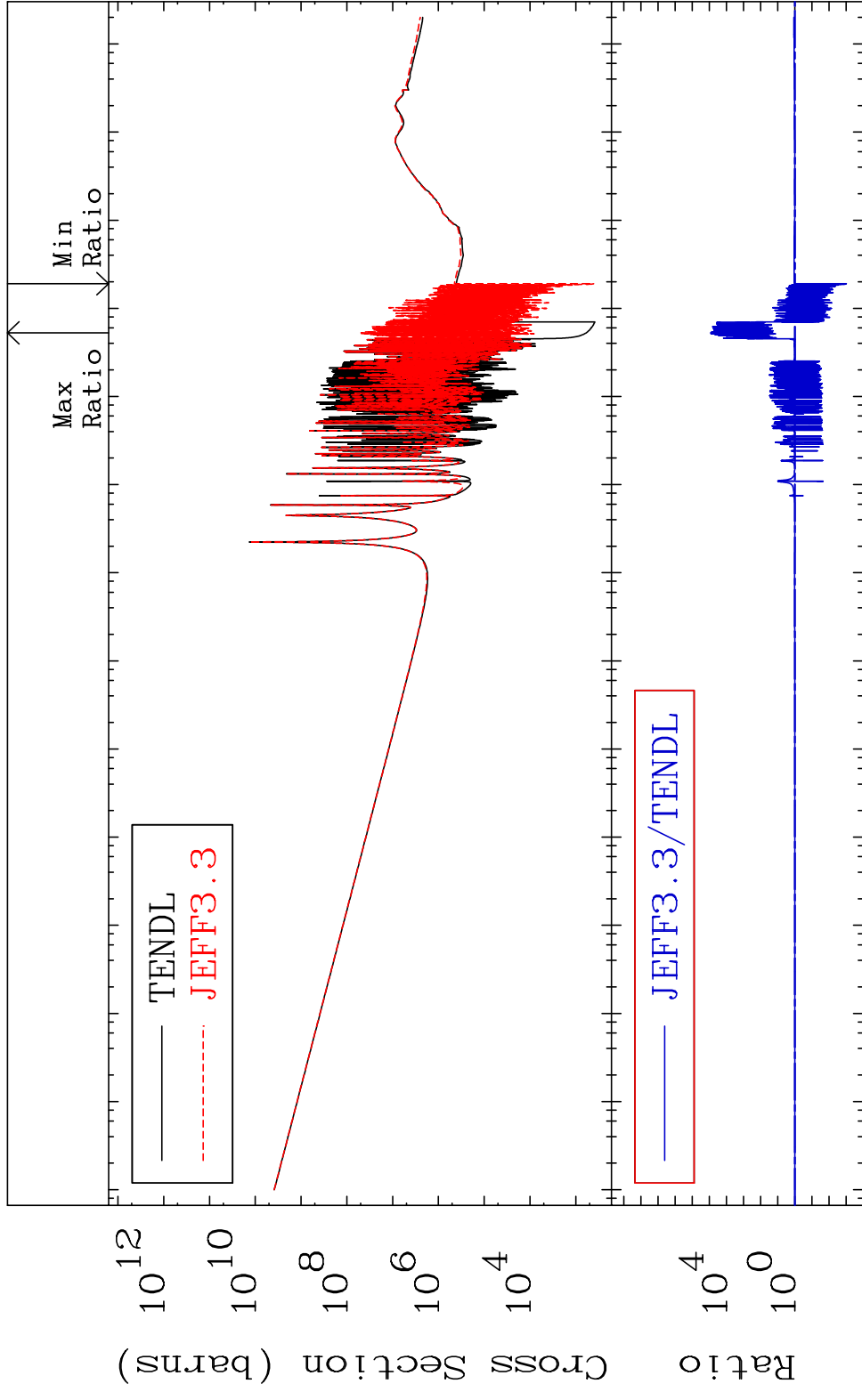


74

Incident Energy (eV)

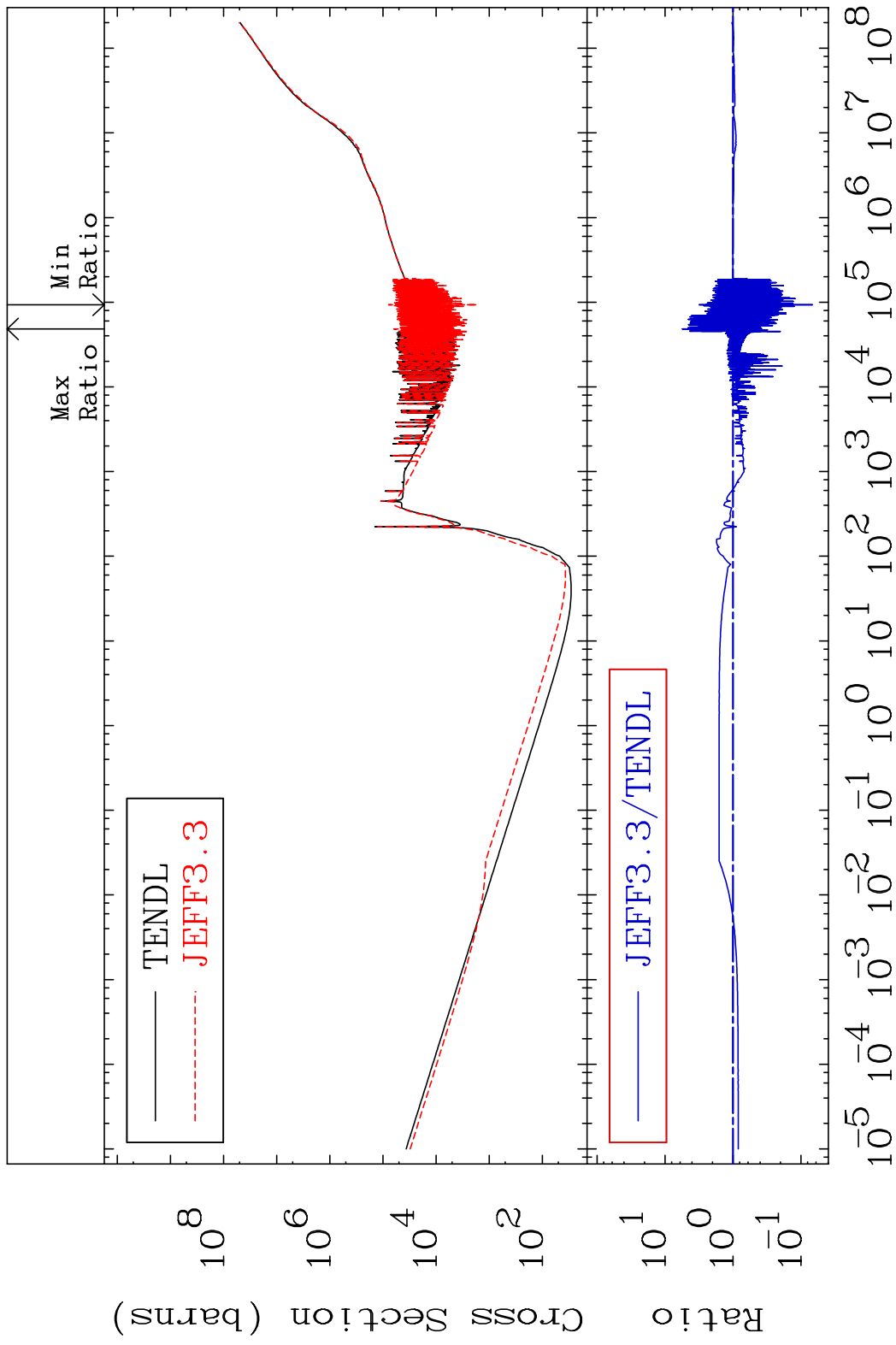
30-Zn-67

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 %

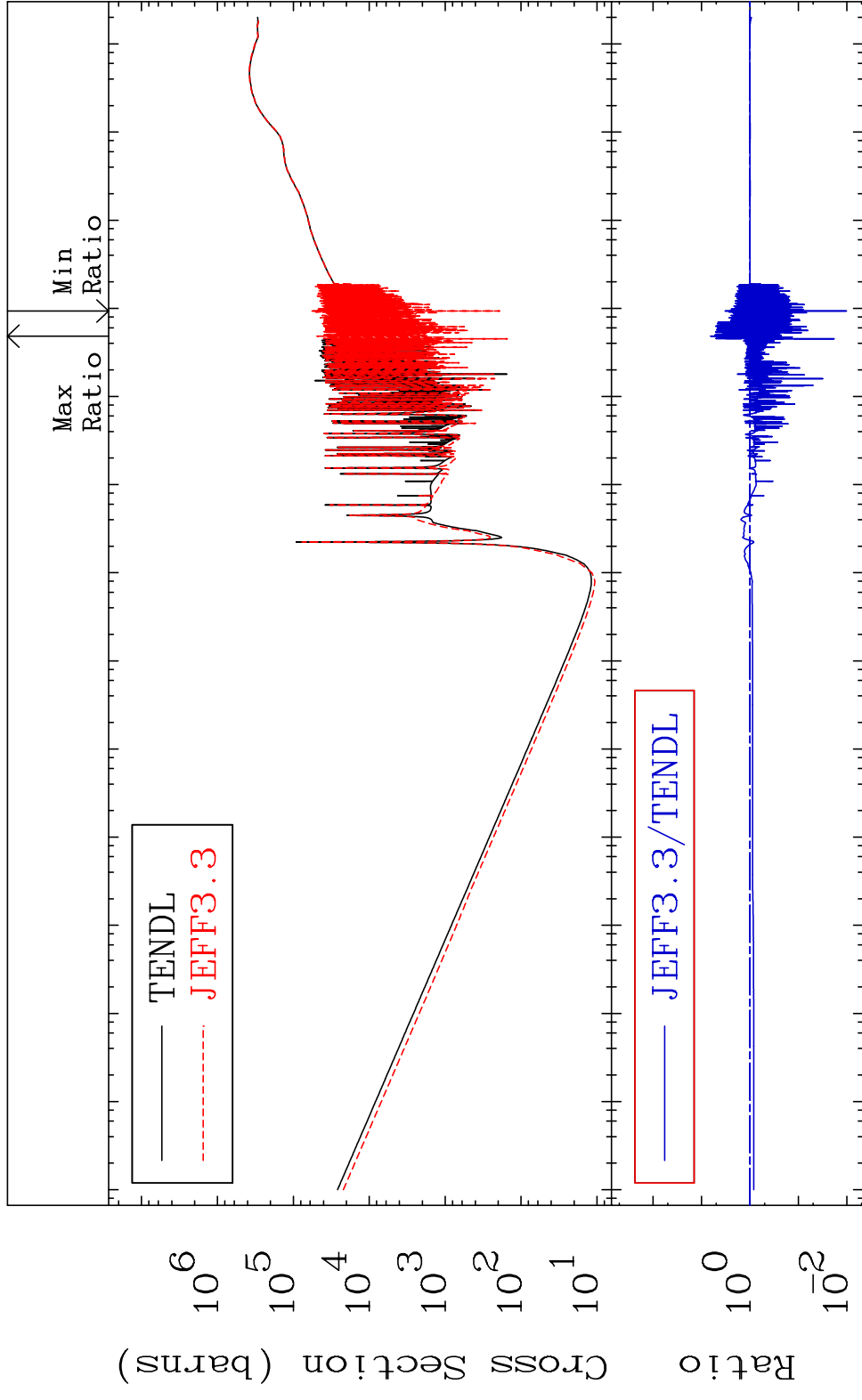


MAT 3034

Dpa total (eV-barns)

30-Zn-67

Cross Section -98.97 To 546.1 %



77

Incident Energy (eV)

30-Zn-67

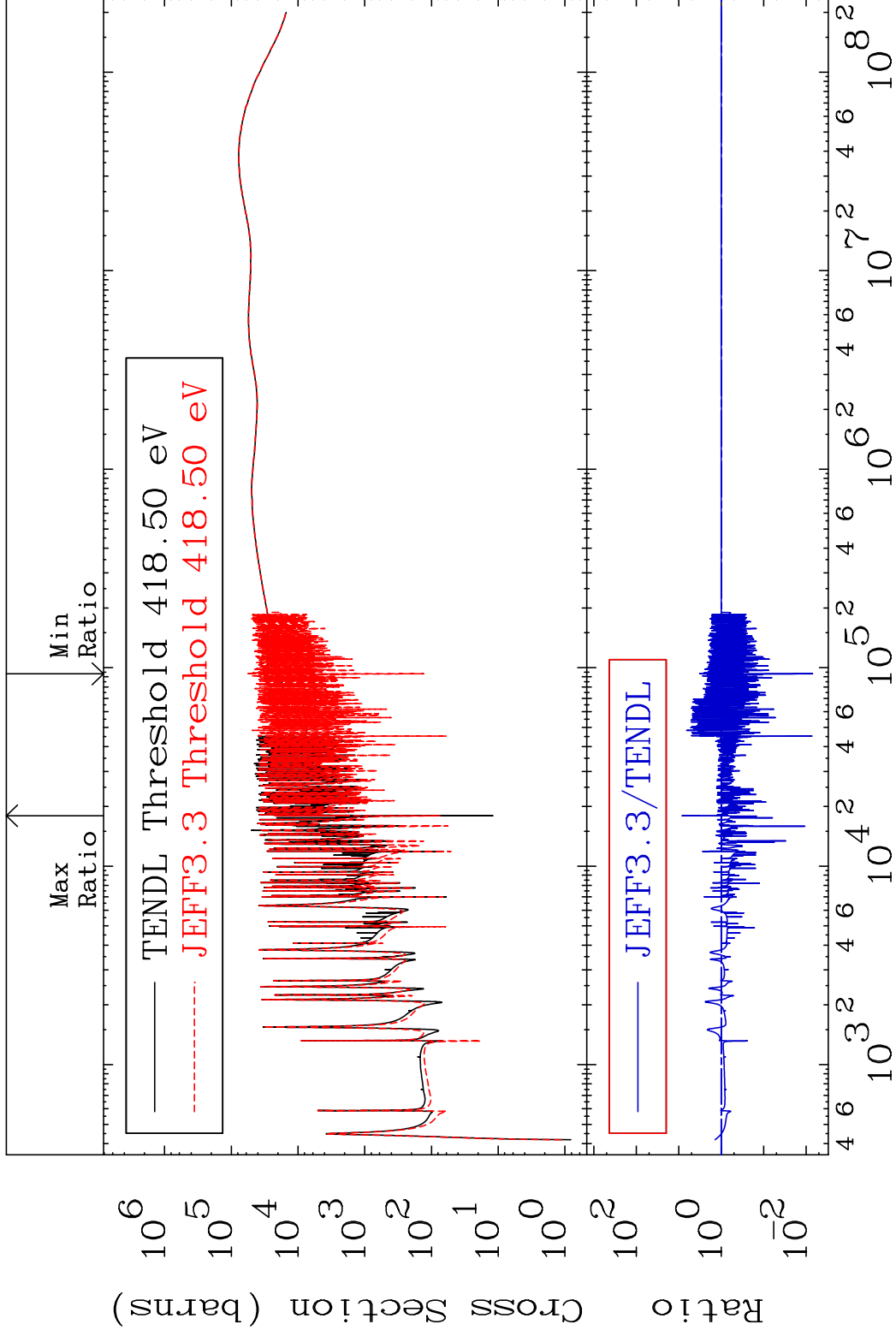
MAT 3034

Dpa elastic (mt2)

30-Zn-67

Cross Section

-99.29 To 735.7 %

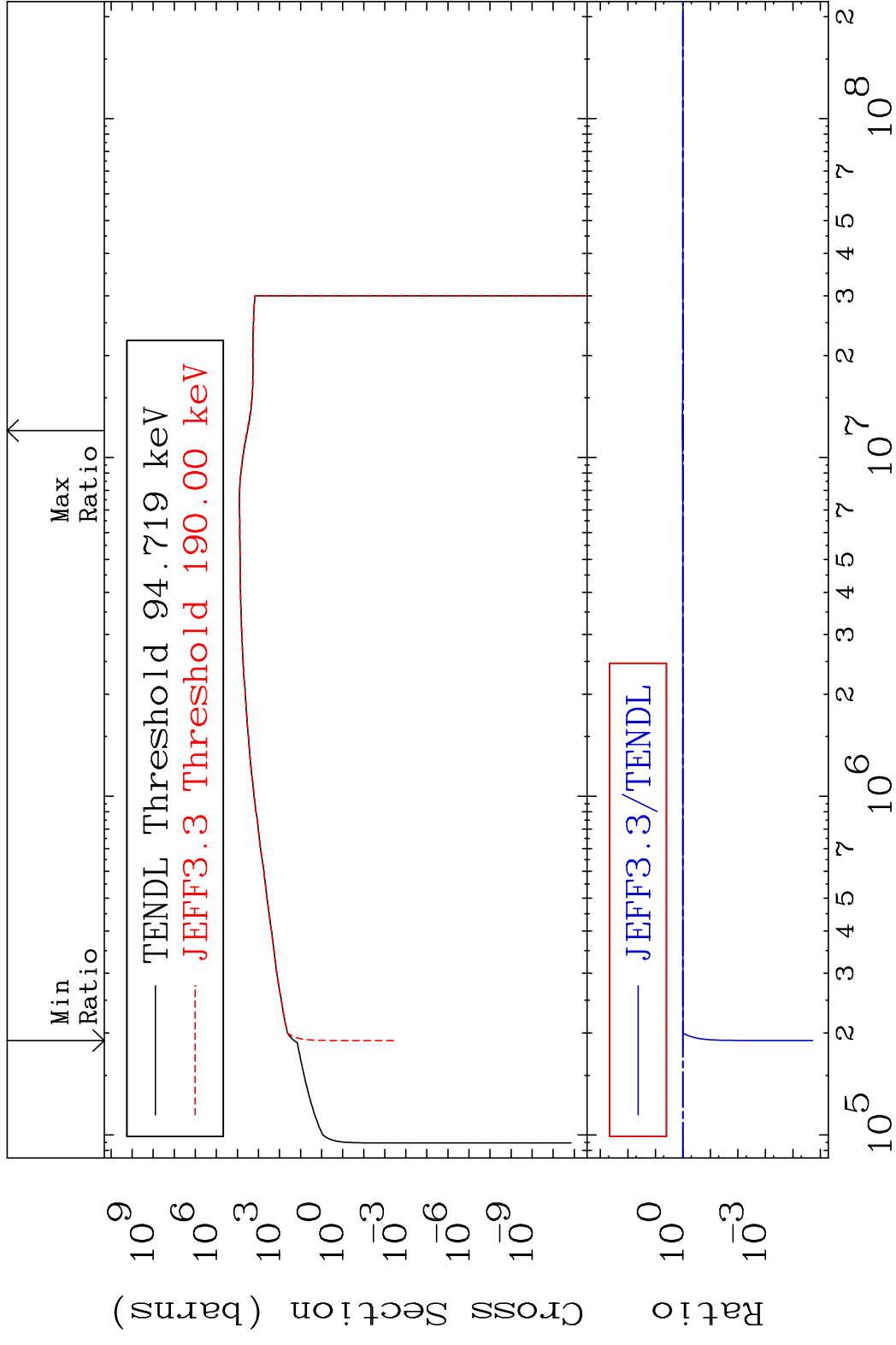


78

Incident Energy (eV)

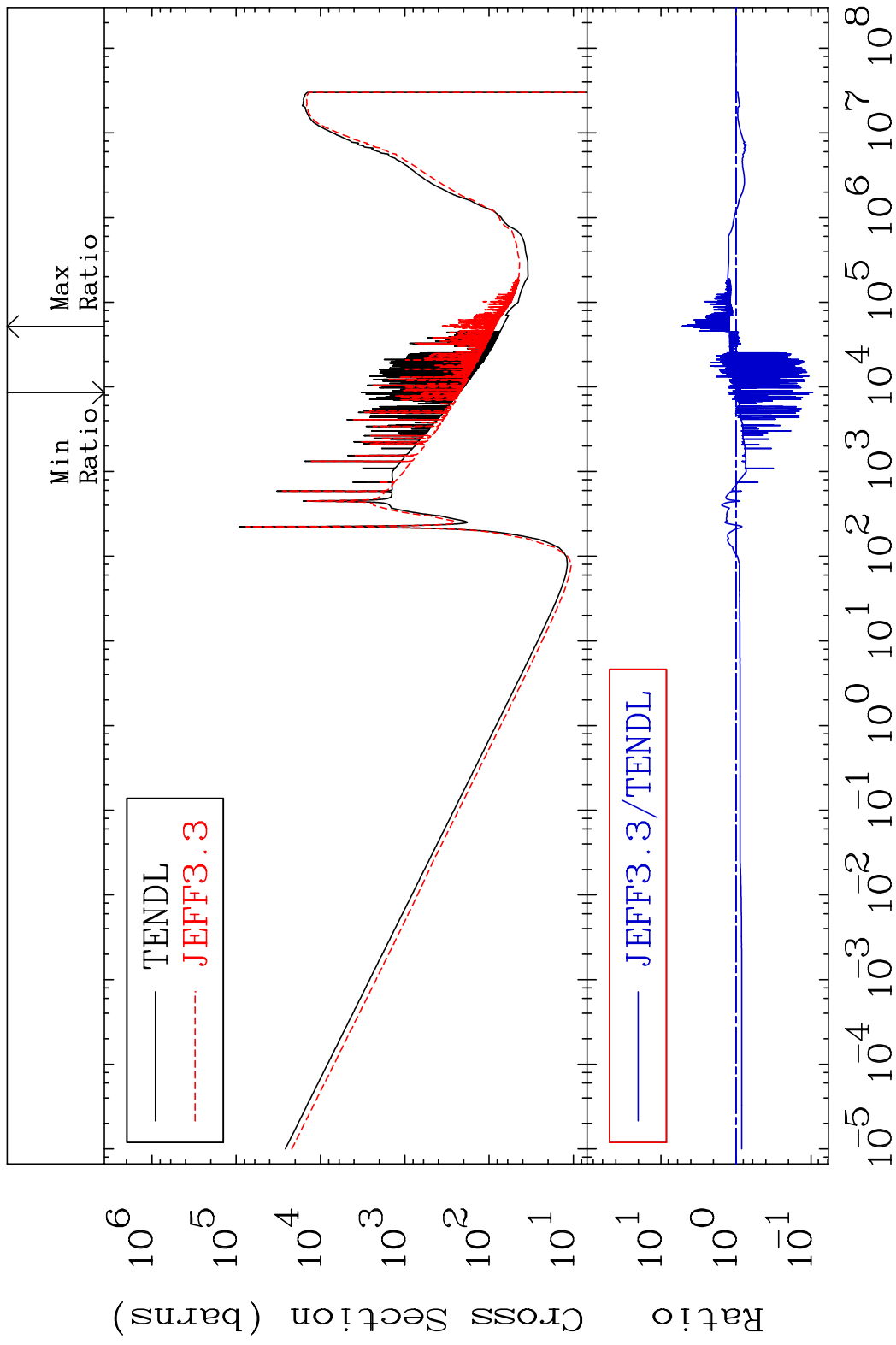
30-Zn-67

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



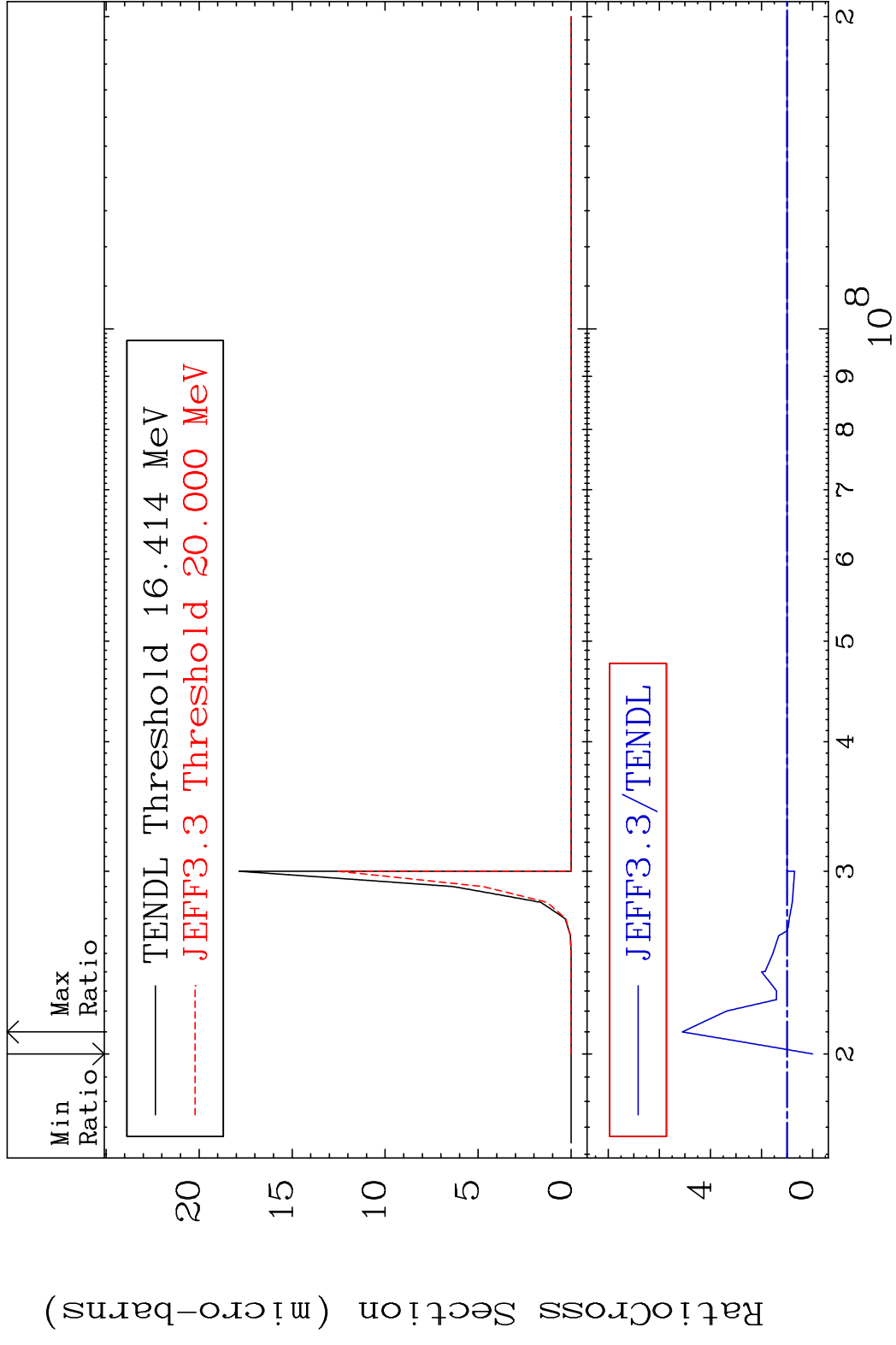
79 Incident Energy (eV) 30-Zn-67

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

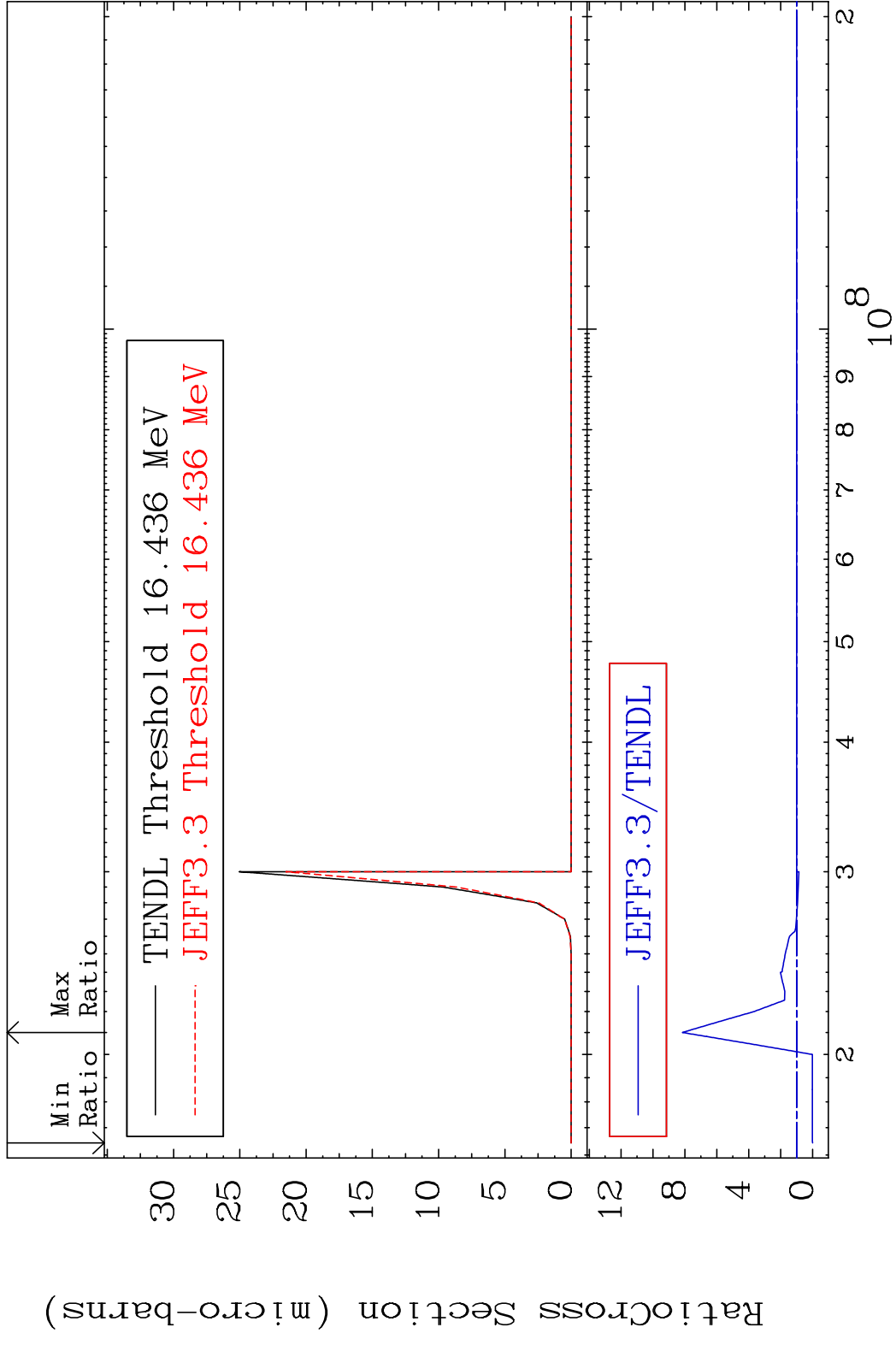


80 Incident Energy (eV) 30-Zn-67

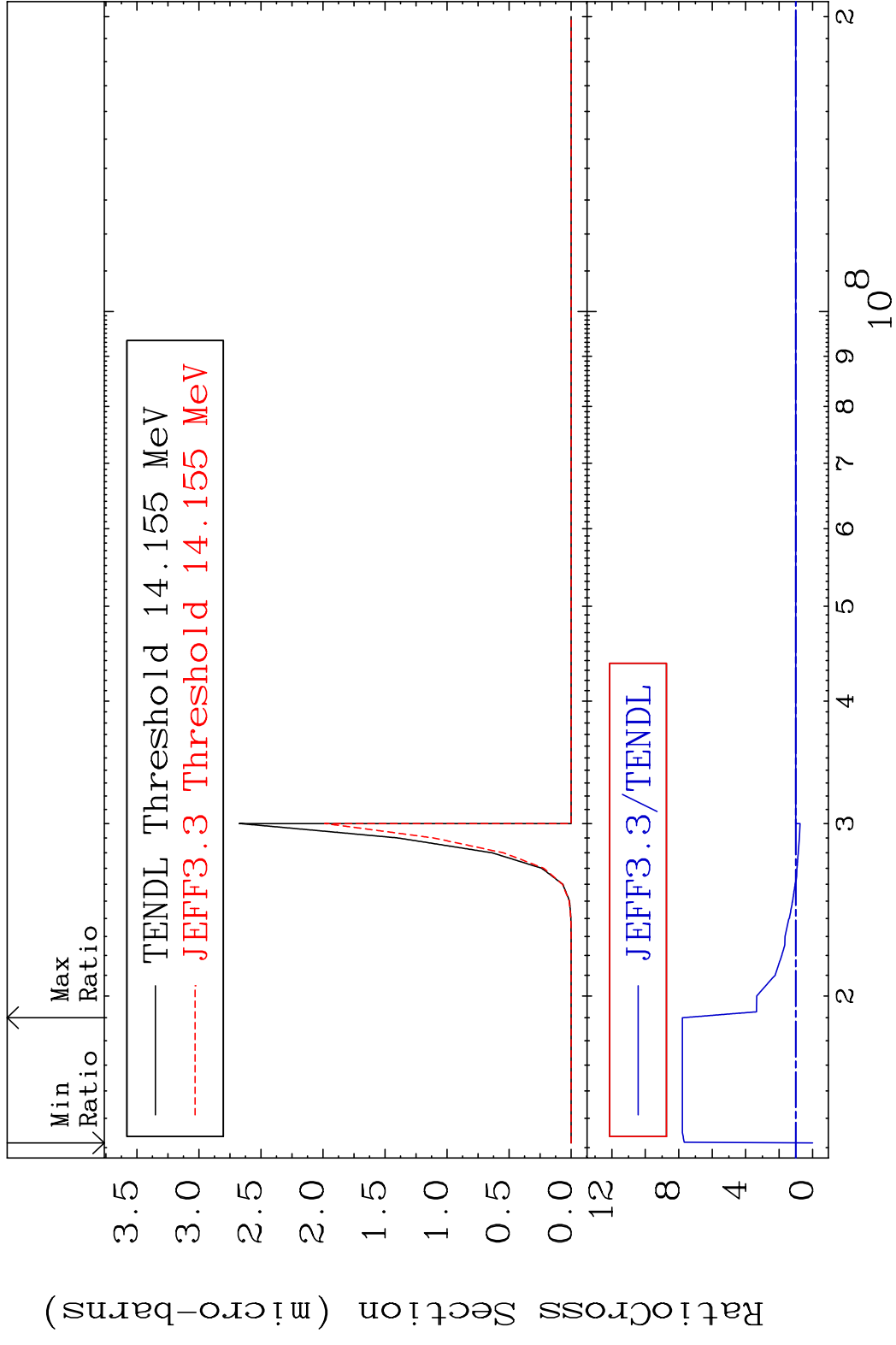
MAT 3034 (n, n') p α :27-Co-62g 30-Zn-67
 Radionuclide Production Cross Section 180.01 dth 409.8 %



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-62g 30-Zn-67
 Radionuclide Production Cross Section 180.0 dth 678.3 %



MAT 3034 (n, d) α :27-Co-62m1 30-Zn-67
 Radionuclide Production Cross Section 180.01 dno 616.9 %

