

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

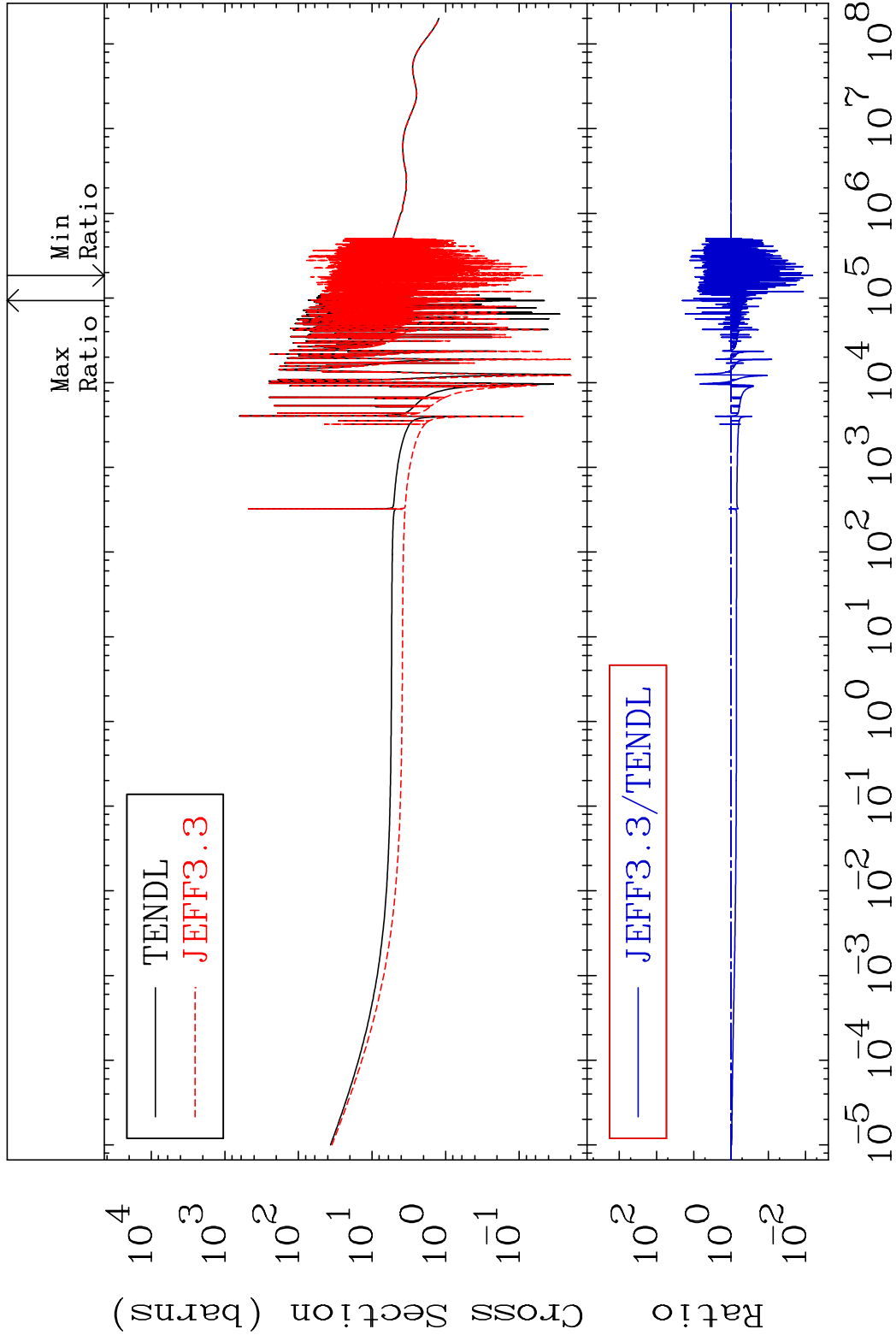
MAT 3031

Total

30-Zn-66

Cross Section

-99.35 To 1927. %



1

Incident Energy (eV)

30-Zn-66

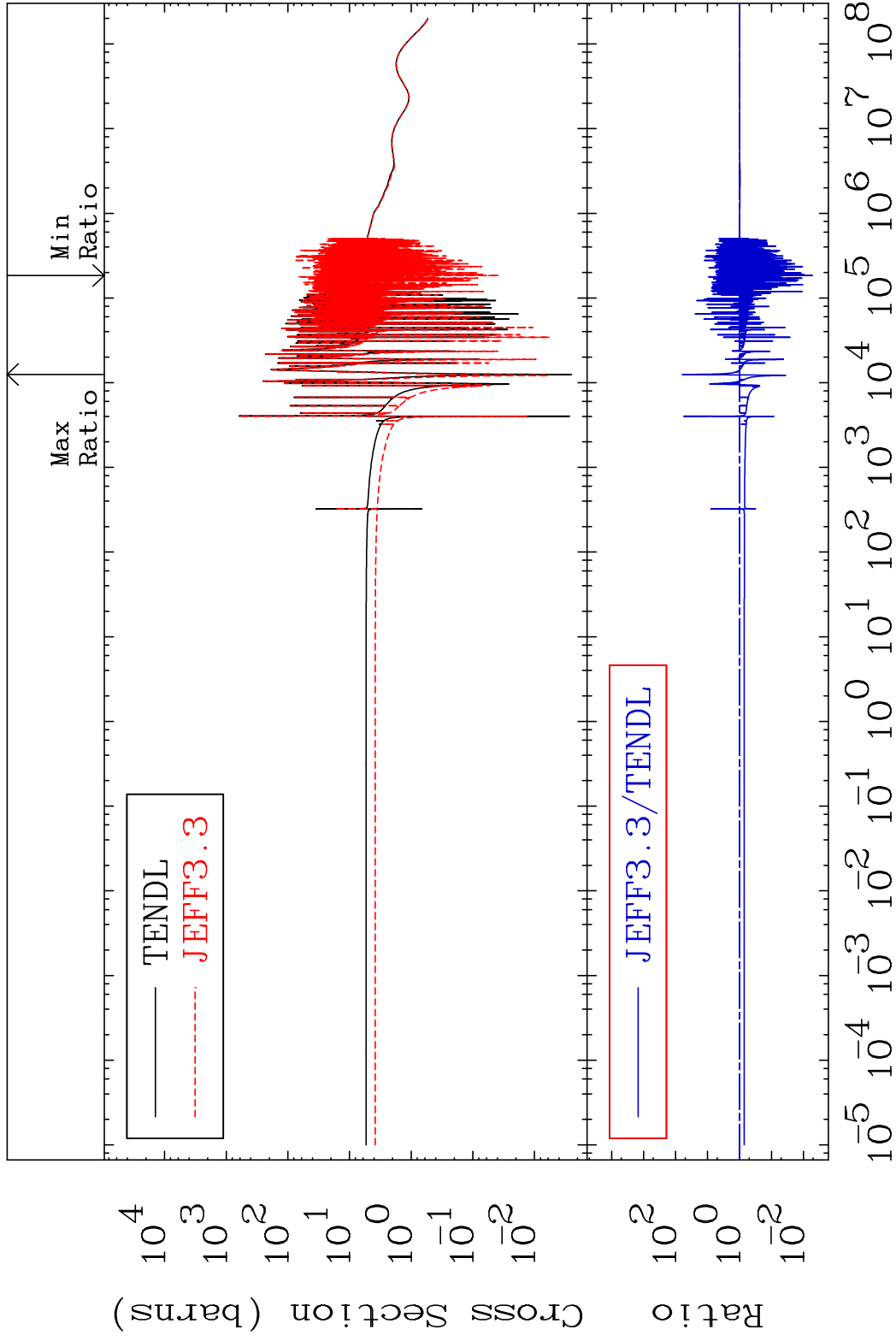
MAT 3031

Elastic

30-Zn-66

Cross Section

-99.48 To 6057. %

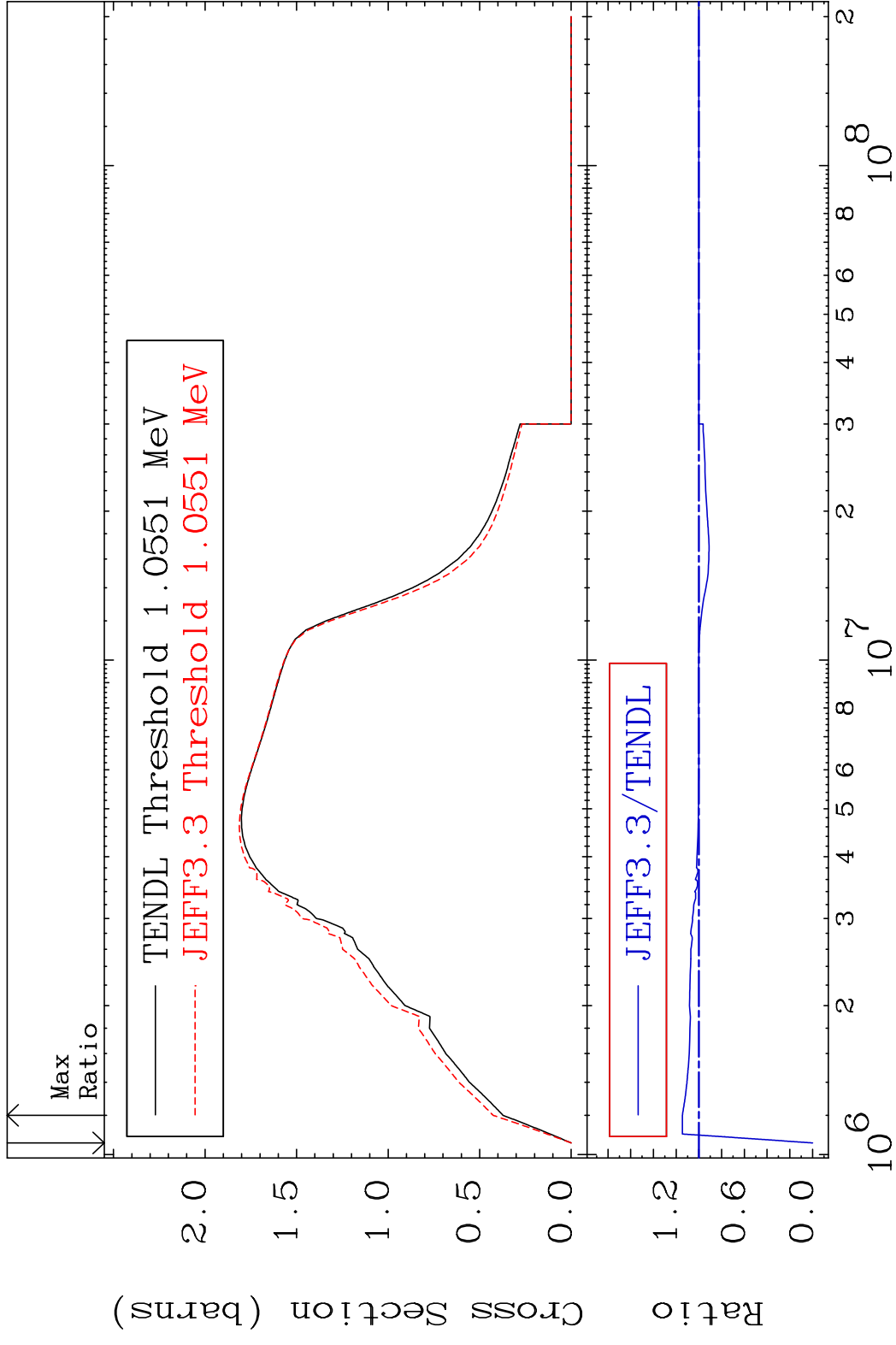


2

Incident Energy (eV)

30-Zn-66

MAT 3031 Inelastic Cross Section -100.0 To 14.57 % 30-Zn-66



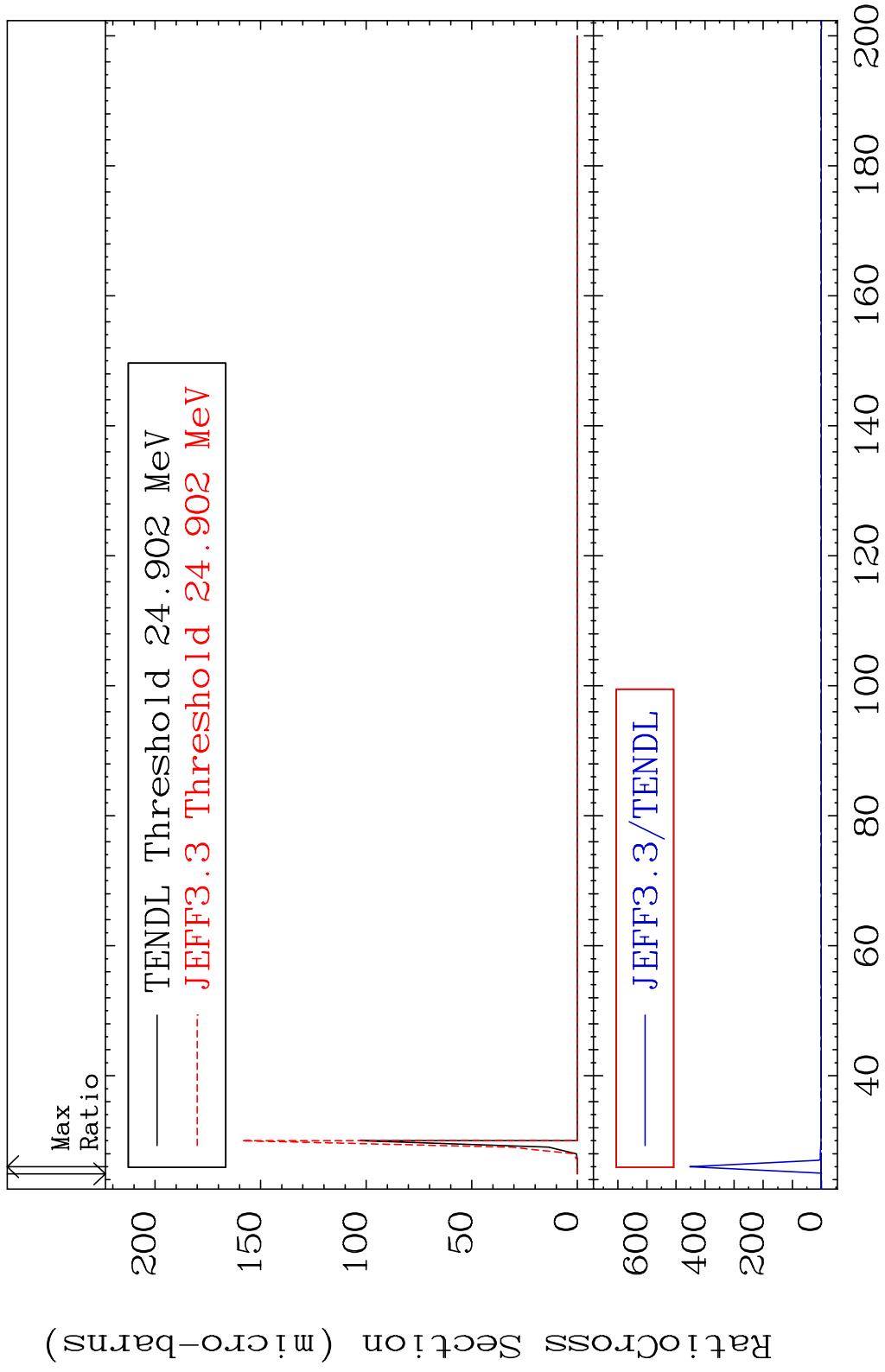
3 Incident Energy (eV) 30-Zn-66

MAT 3031

(n,2n) d

30-Zn-66

Cross Section -100.0 To 9999. %



4

Incident Energy (MeV)

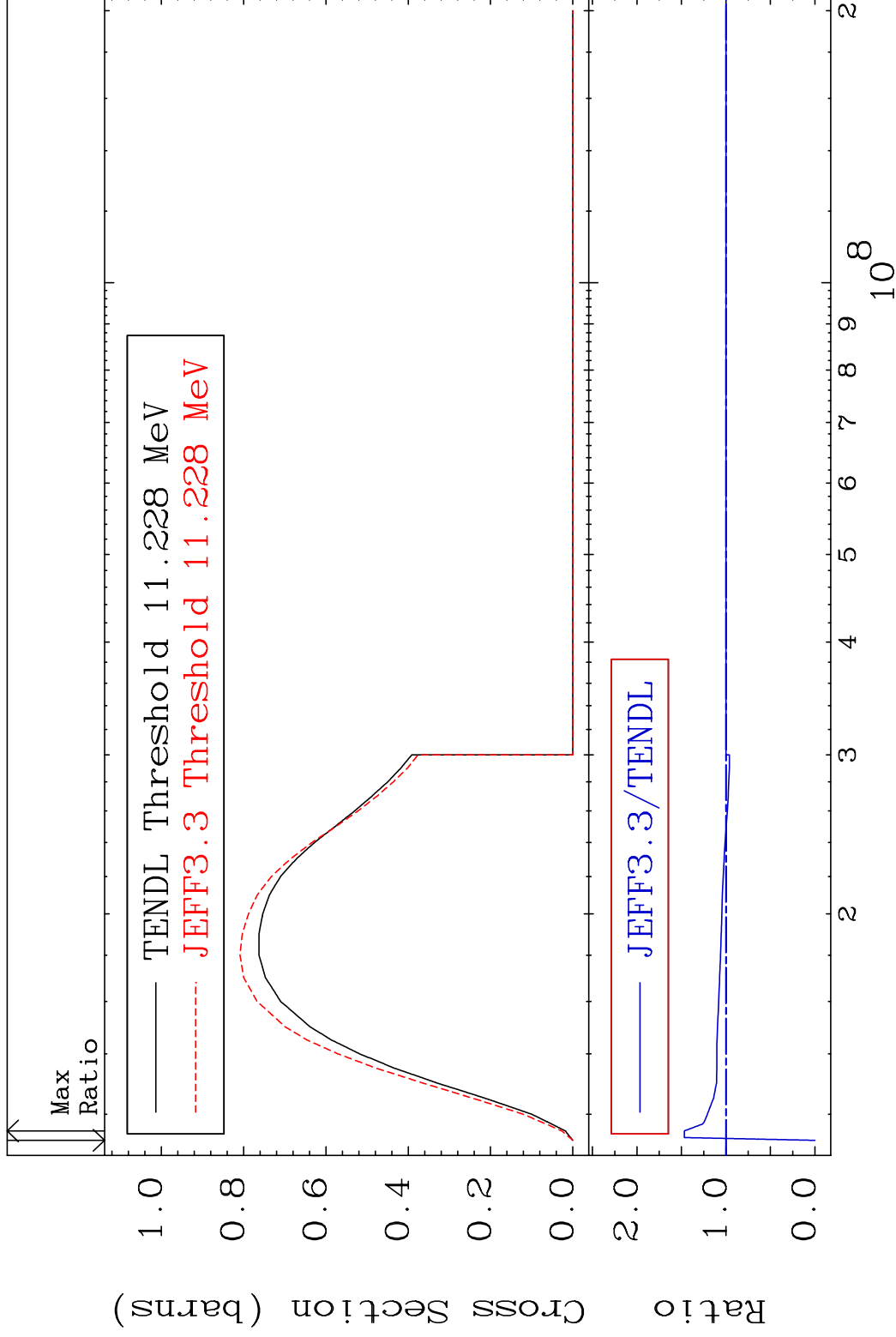
30-Zn-66

MAT 3031

(n,2n)

30-Zn-66

Cross Section -100.0 To 46.78 %

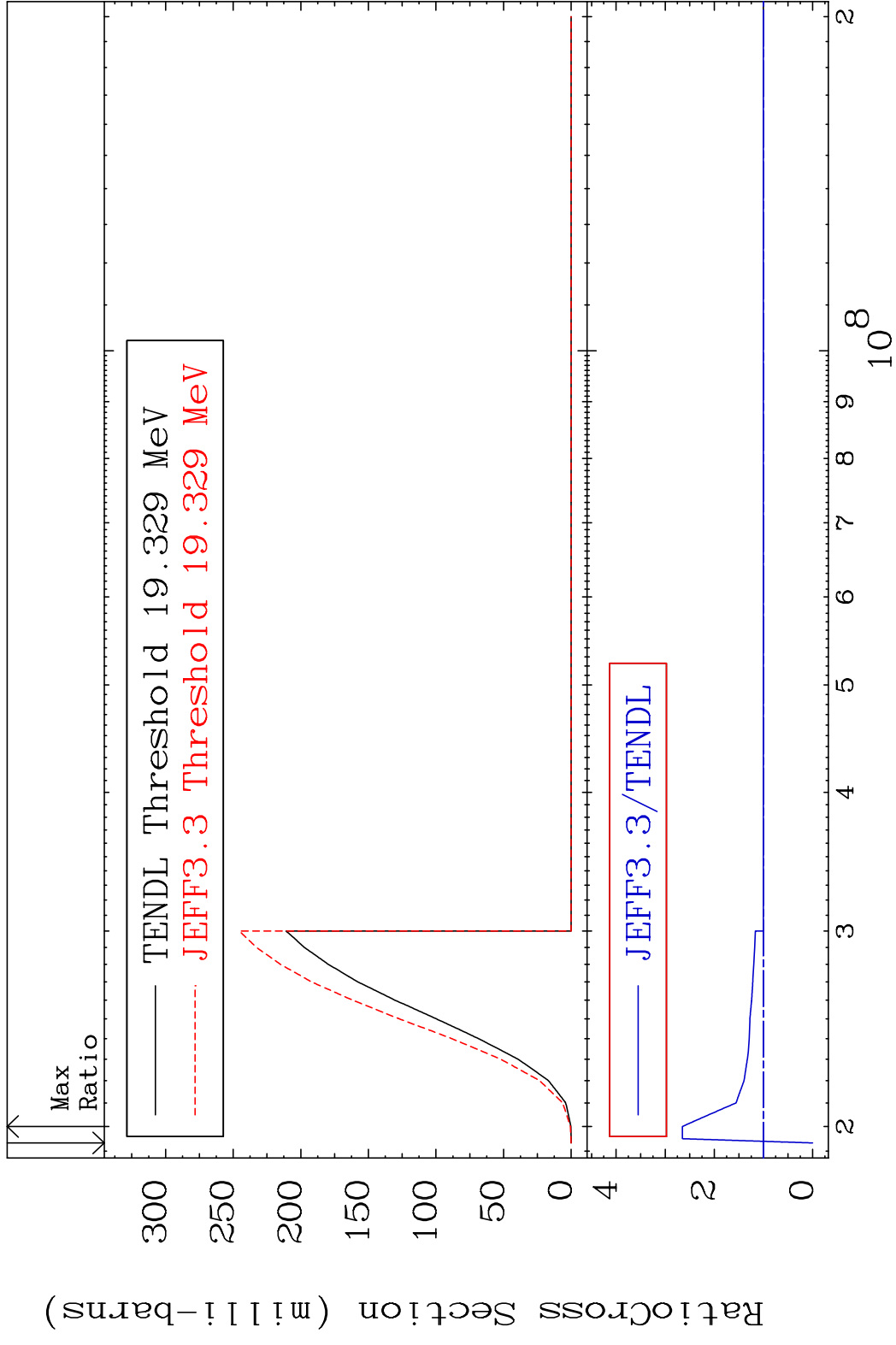


5

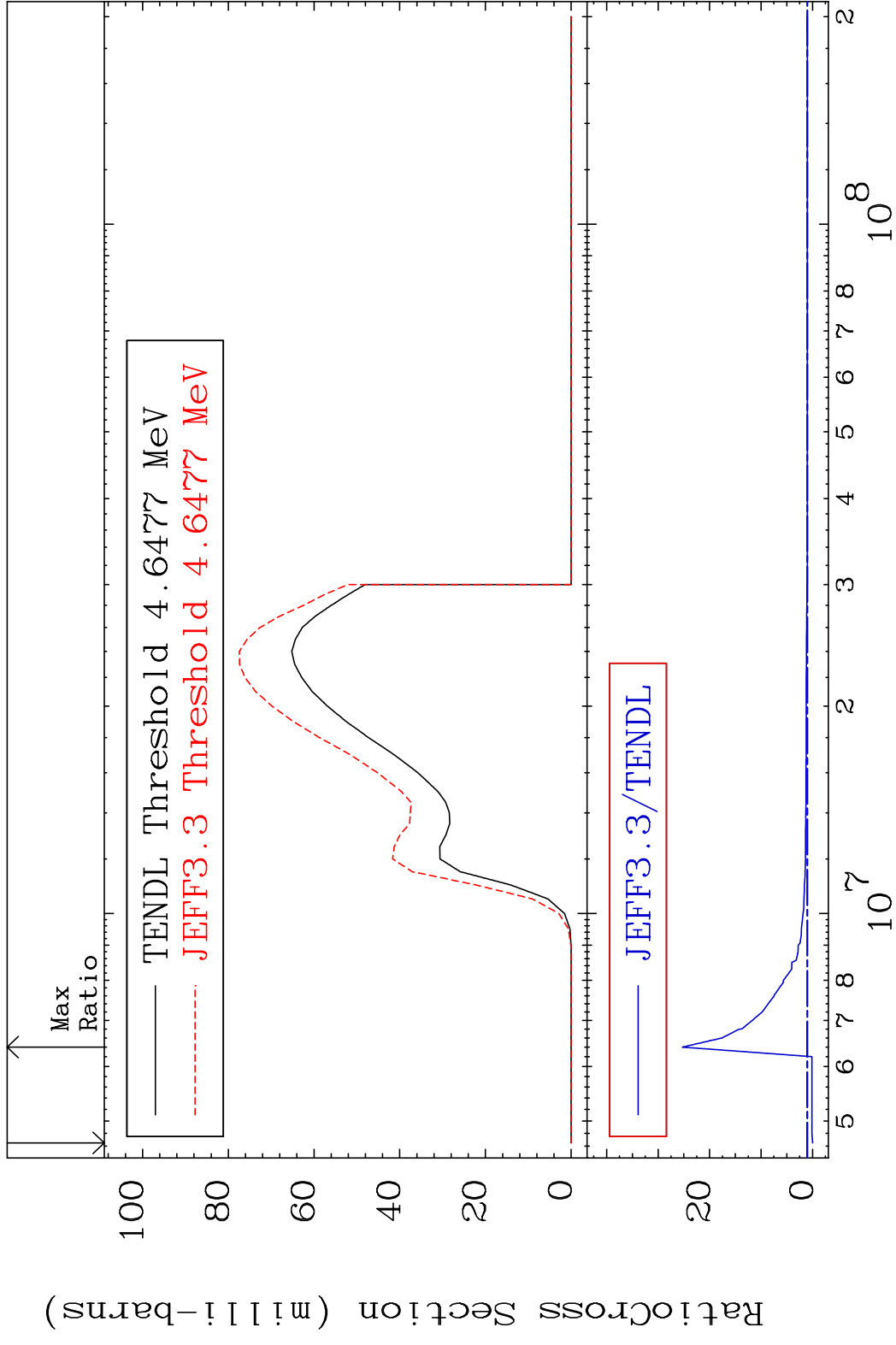
Incident Energy (eV)

30-Zn-66

MAT 3031 (n,3n) 30-Zn-66
 Cross Section -100.0 To 165.1 %

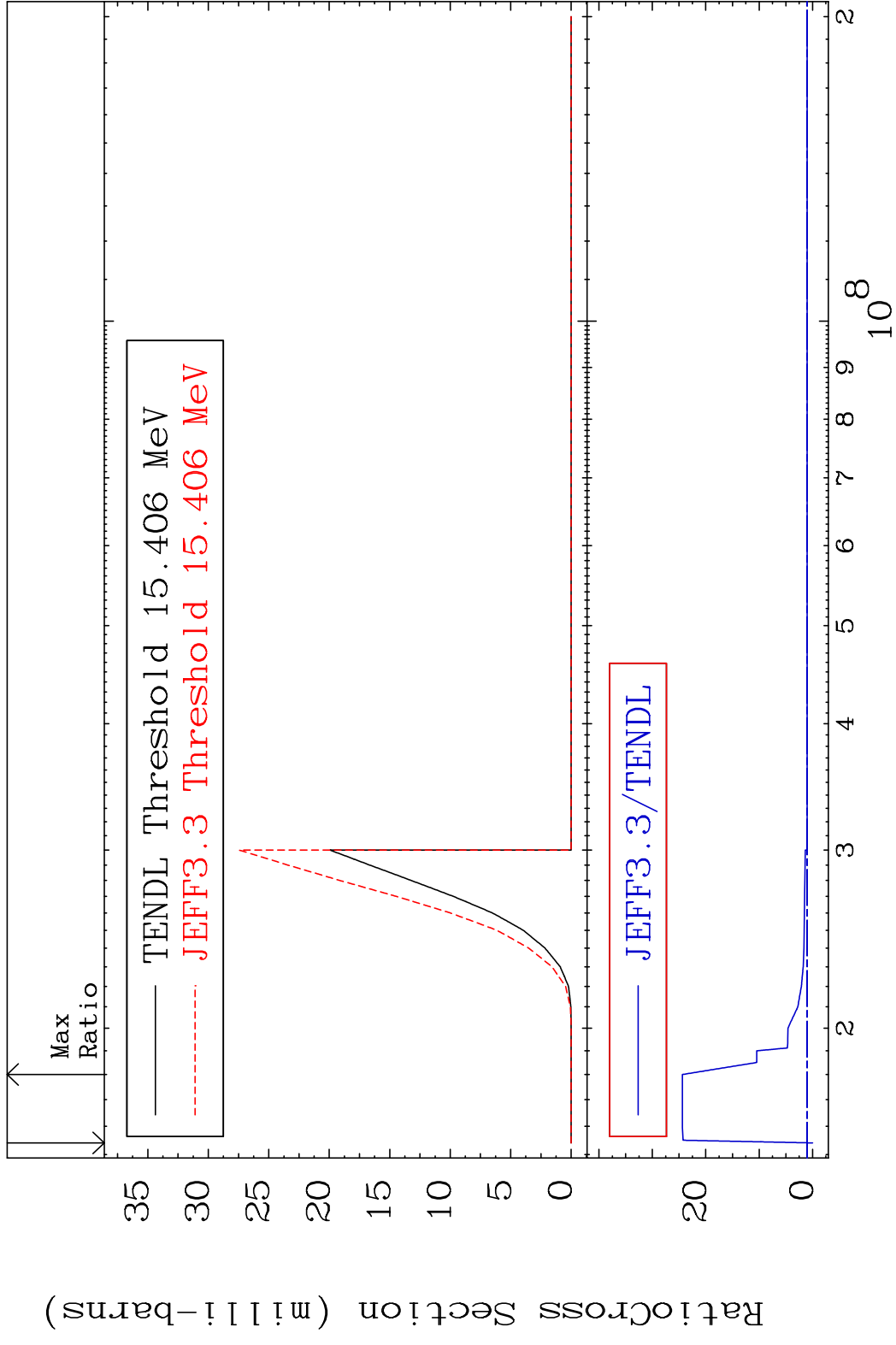


MAT 3031 (n, n') α 30-Zn-66
 Cross Section -100.0 To 2429. %

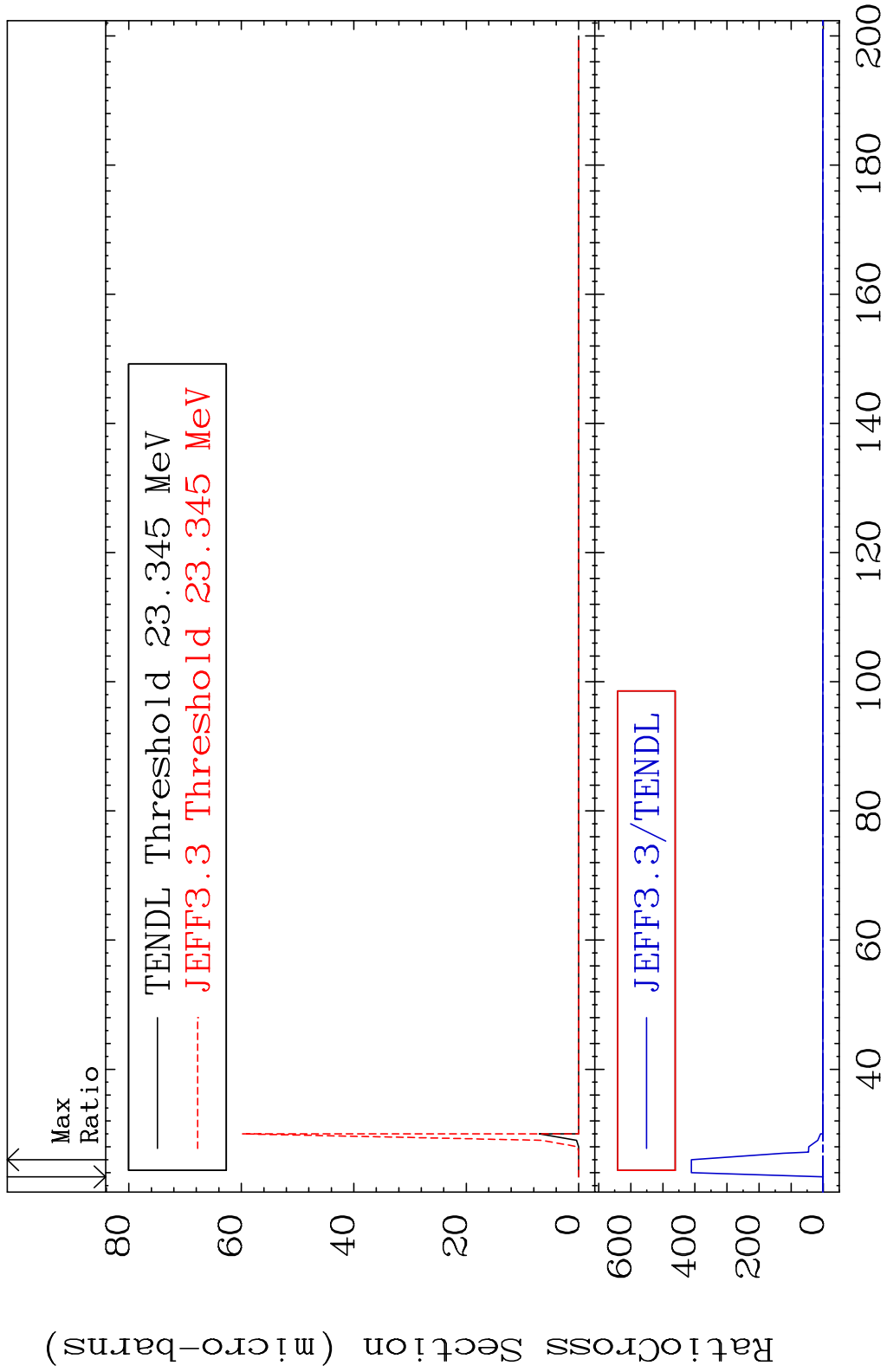


7 30-Zn-66

MAT 3031 (n,2n) α 30-Zn-66
 Cross Section -100.0 To 2338. %



MAT 3031 (n,3n) α 30-Zn-66
 Cross Section -100.0 To 9999. %

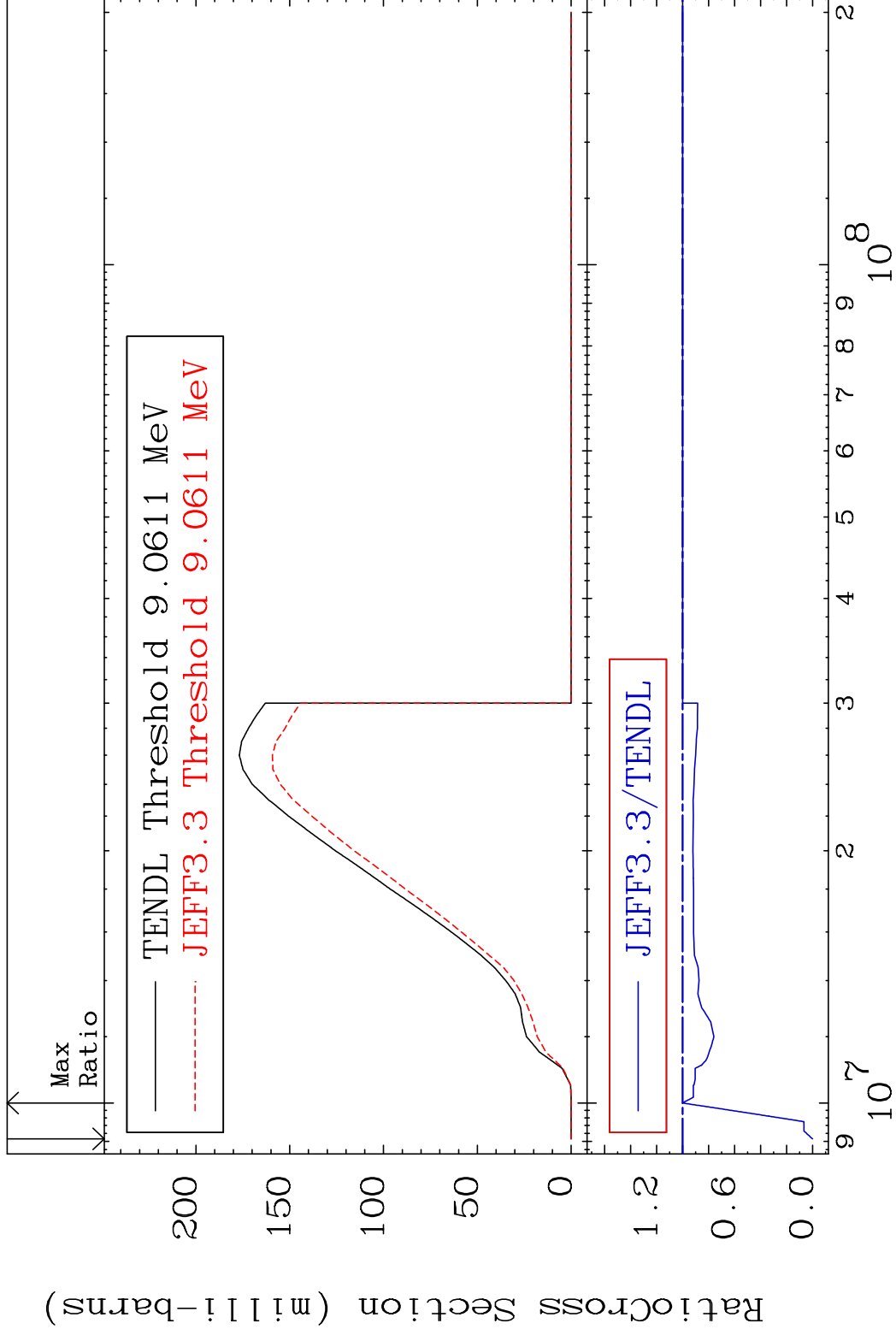


MAT 3031

30-Zn-66

(n, n') p

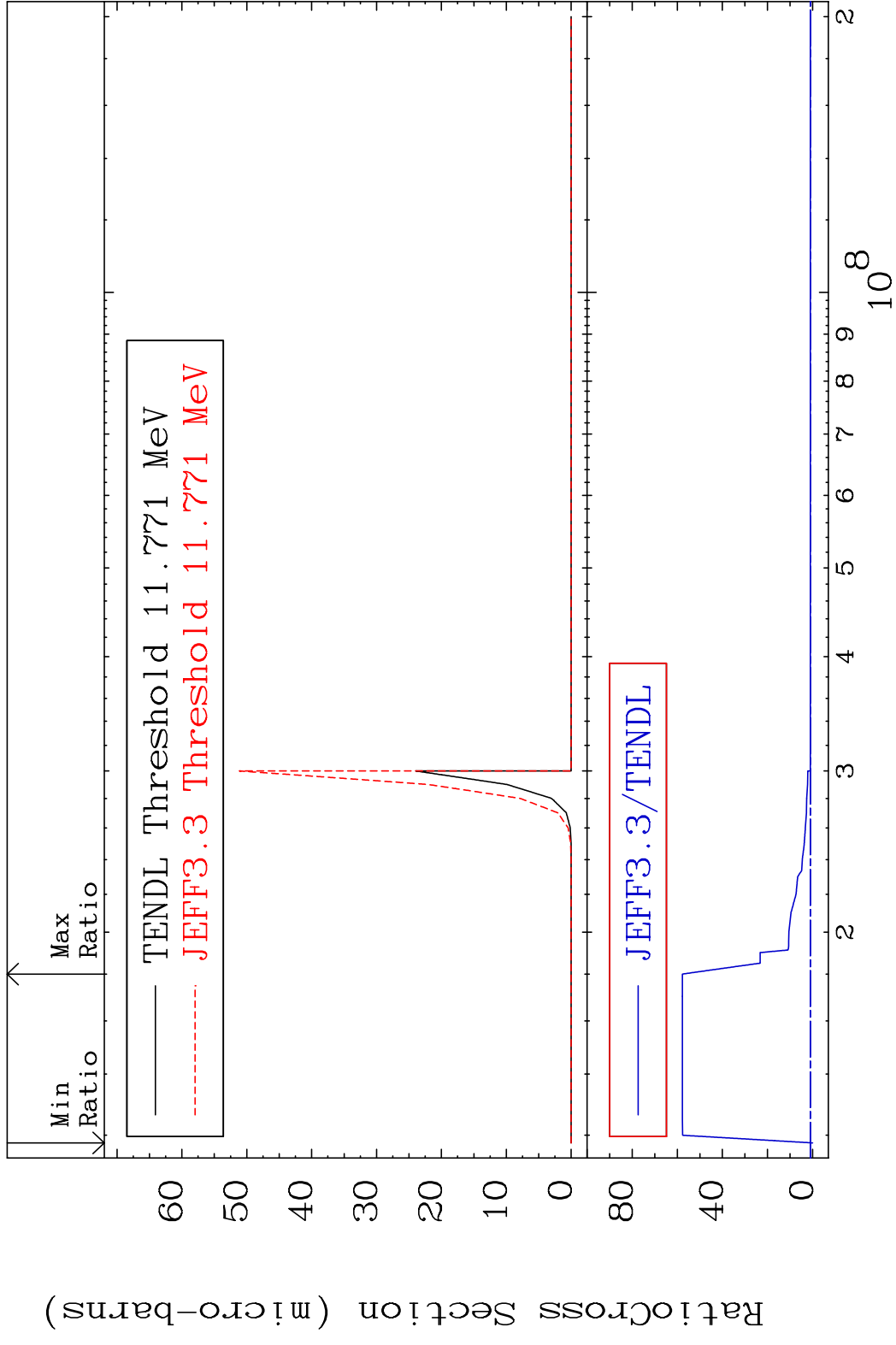
Cross Section -100.0 To 0.223 %



30-Zn-66

Incident Energy (eV)

MAT 3031 (n, n') 2α 30-Zn-66
 Cross Section -100.0 To 5676. %

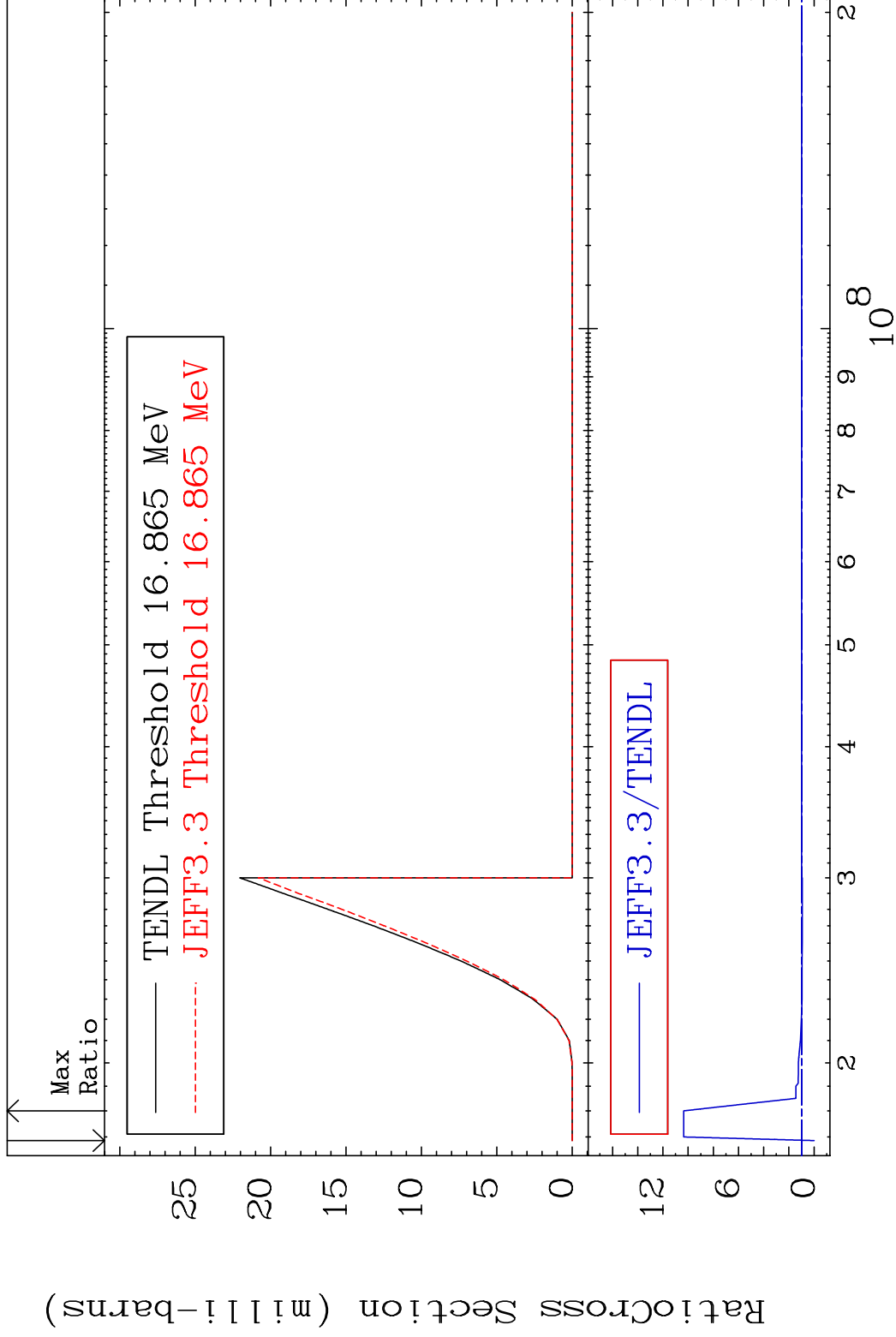


MAT 3031

(n, n') d

30-Zn-66

Cross Section -100.0 To 935.4 %



12

Incident Energy (eV)

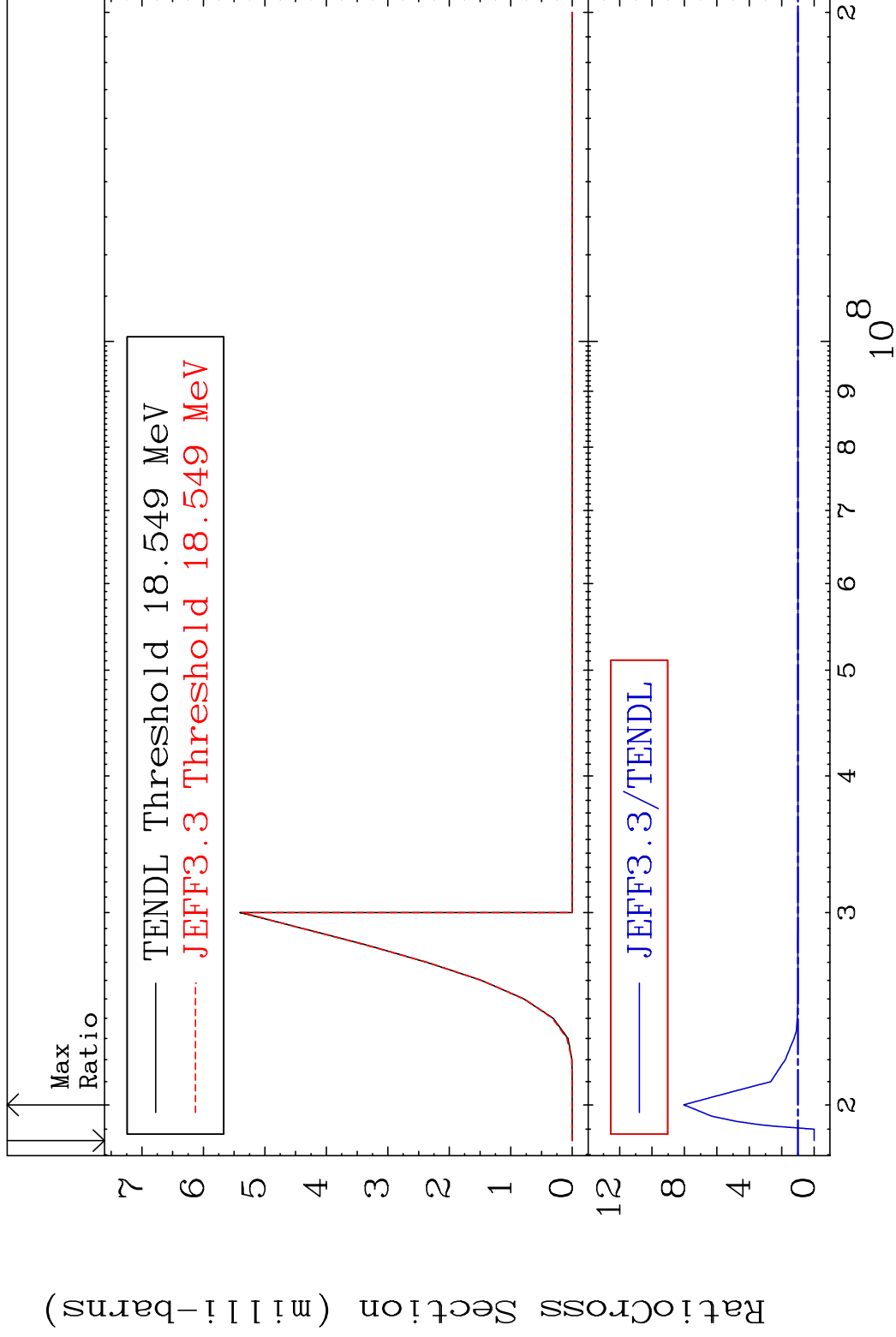
30-Zn-66

MAT 3031

(n, n') t

30-Zn-66

Cross Section -100.0 To 704.8 %



13

Incident Energy (eV)

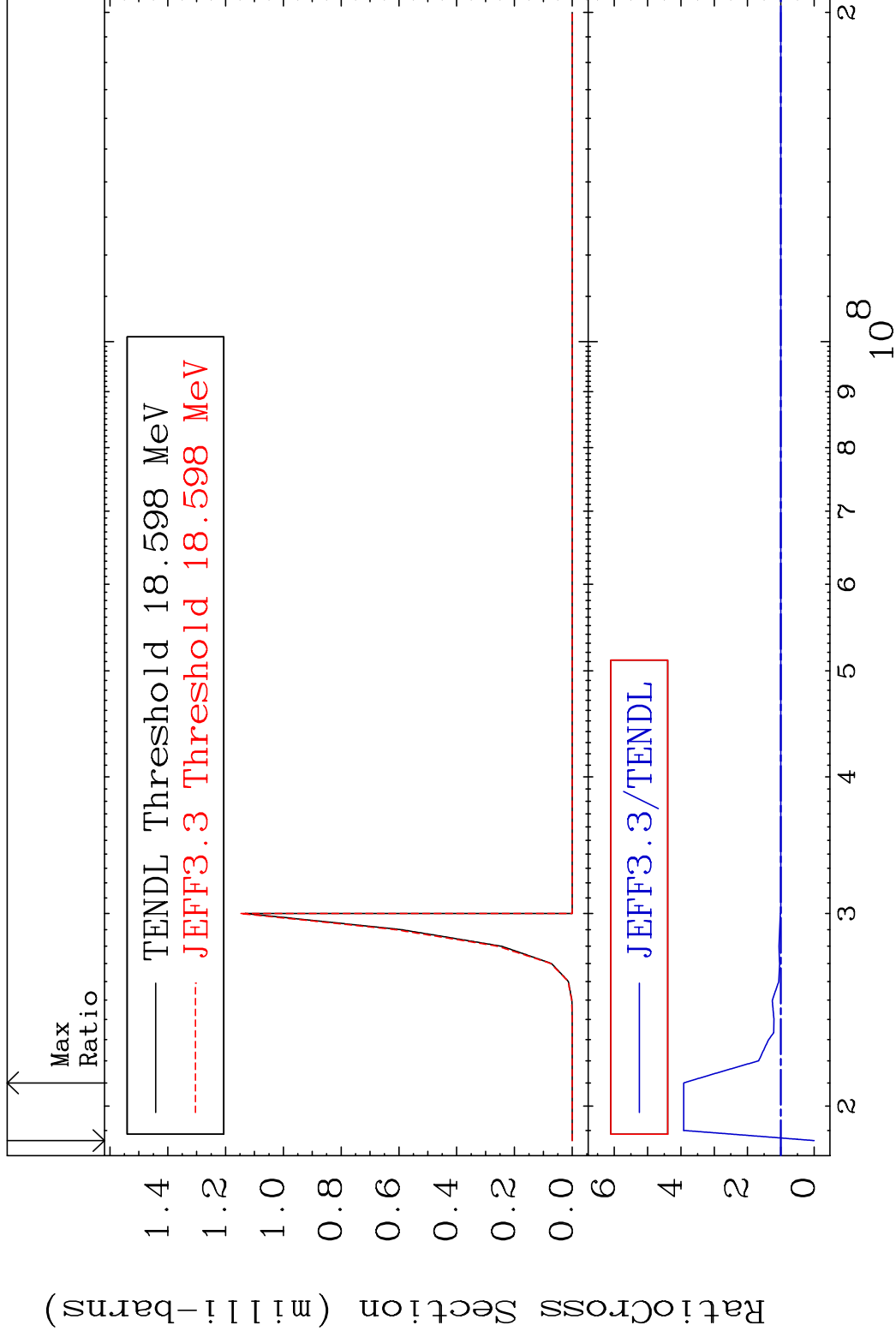
30-Zn-66

MAT 3031

(n,n') He-3

30-Zn-66

Cross Section -100.0 To 291.7 %



14

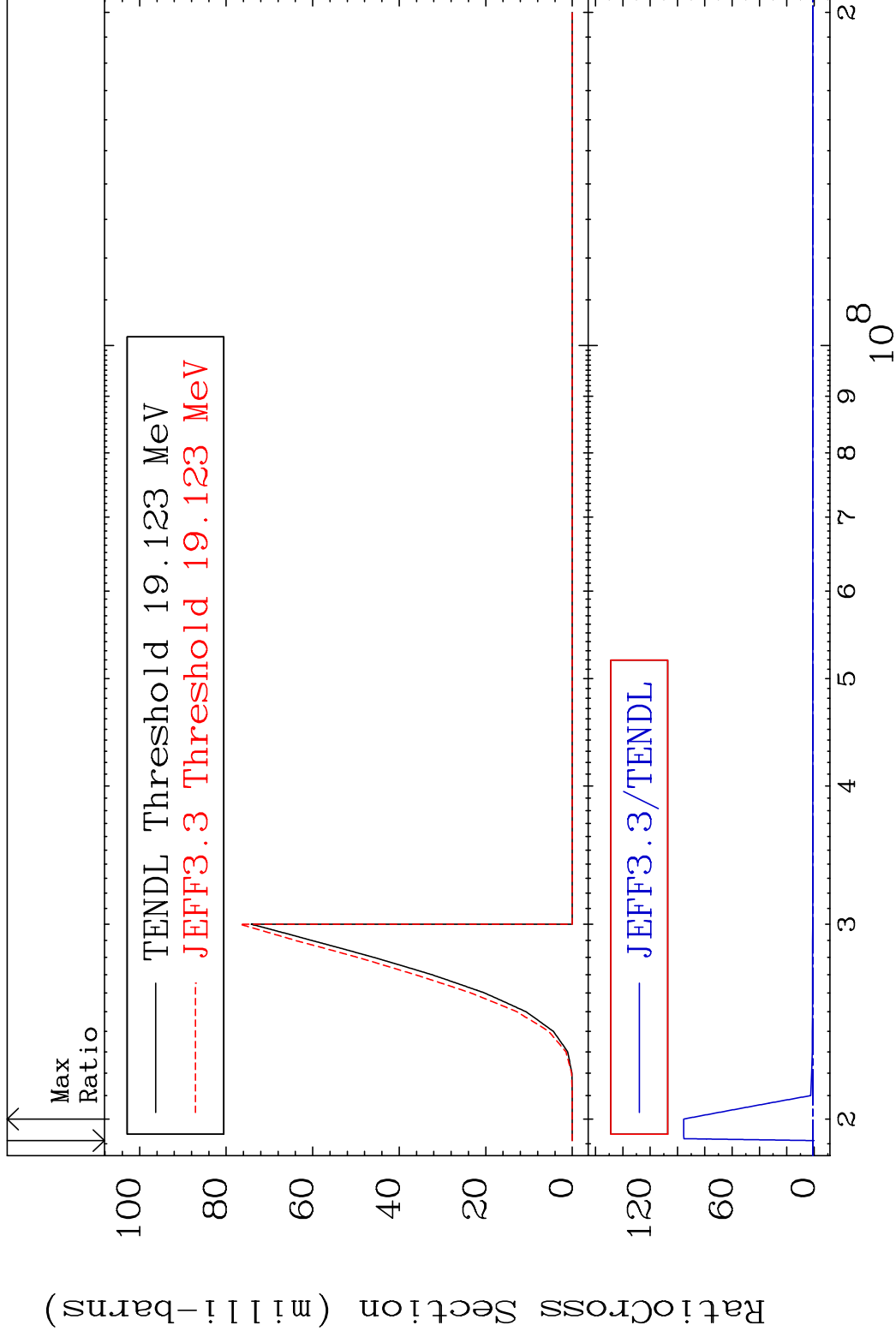
Incident Energy (eV)

30-Zn-66

MAT 3031

(n,2n) p 30-Zn-66

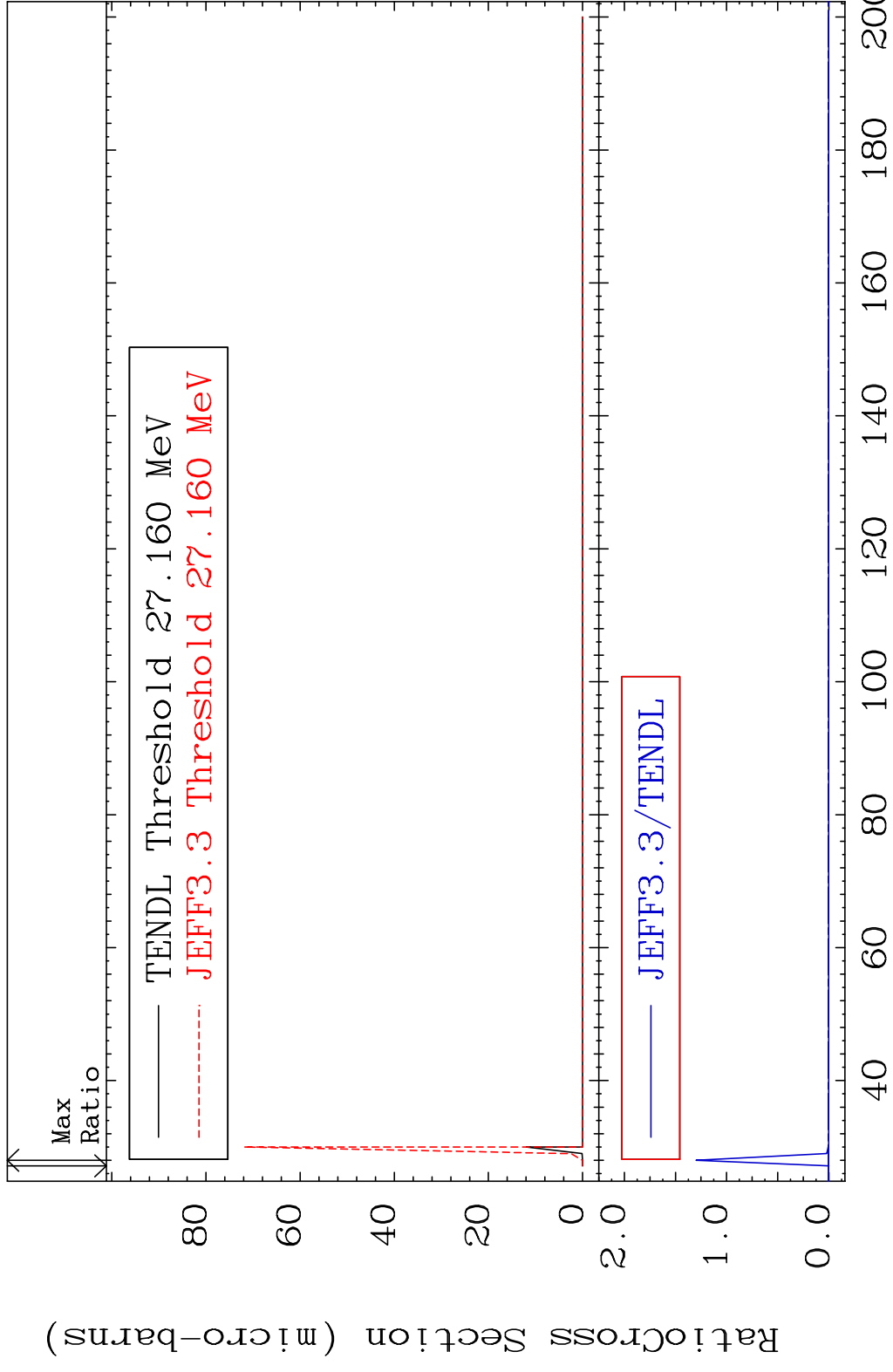
Cross Section -100.0 To 9449. %



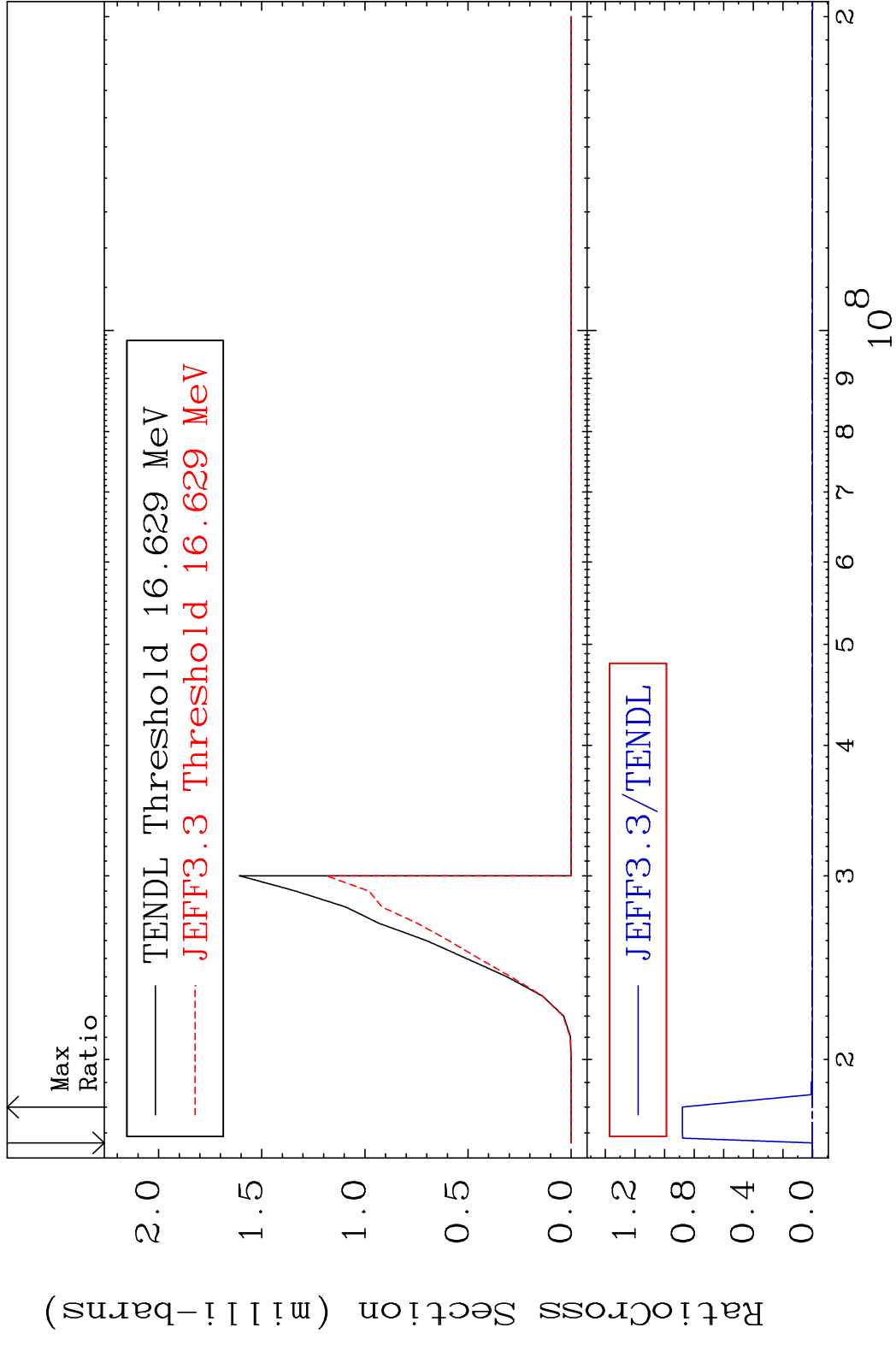
15

Incident Energy (eV) 30-Zn-66

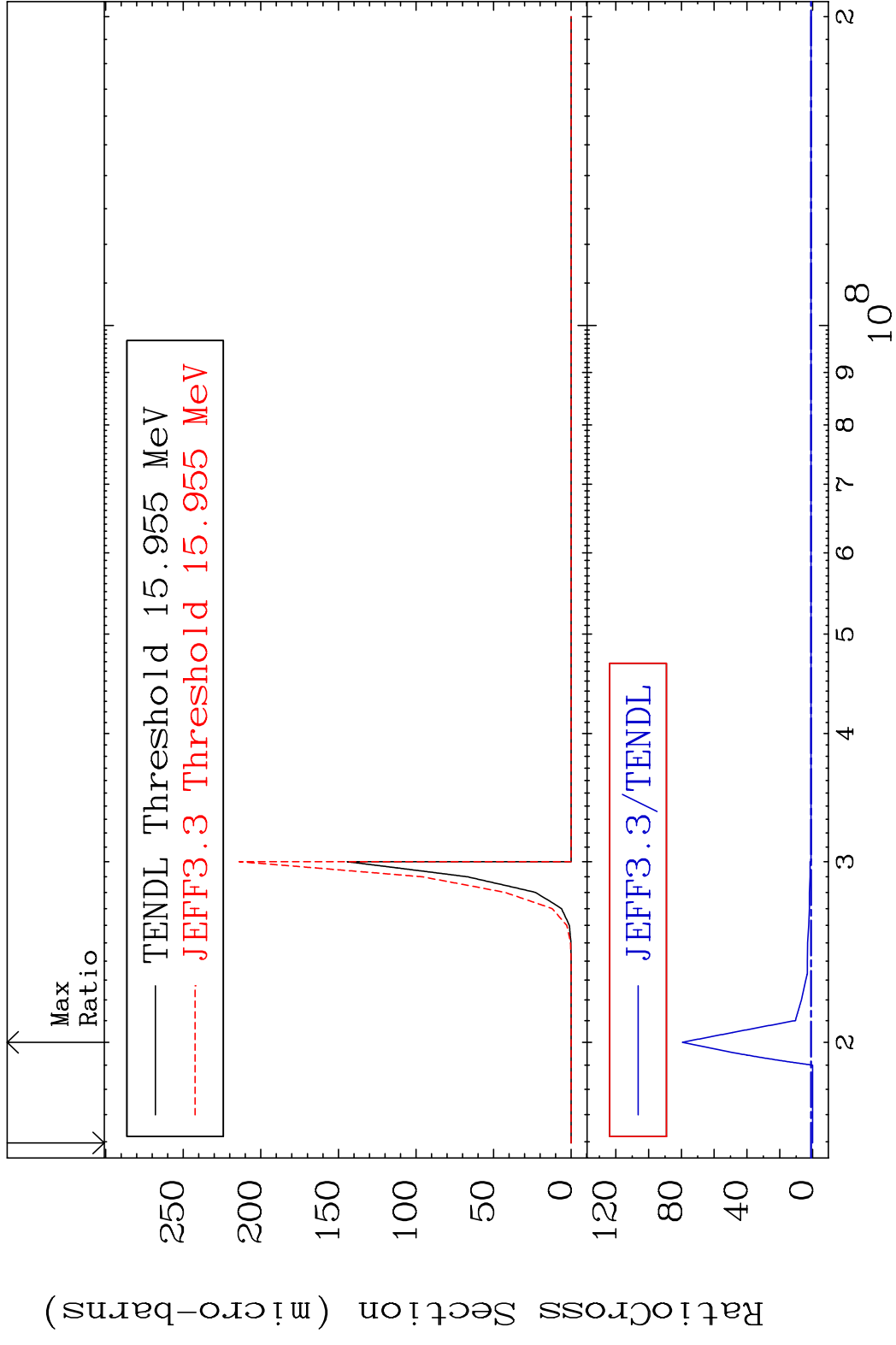
MAT 3031 (n,3n) p 30-Zn-66
 Cross Section -100.0 To 9999. %



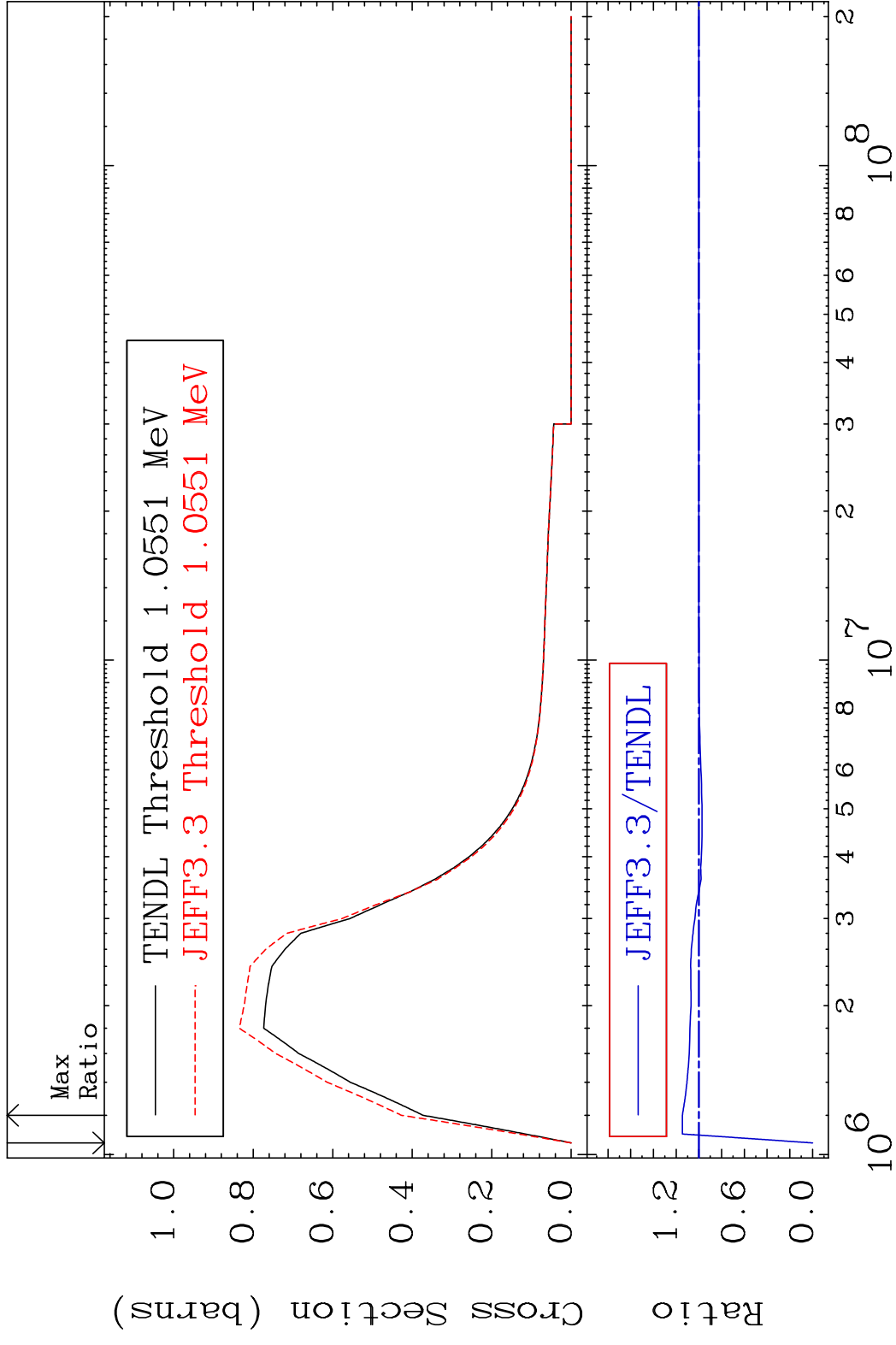
MAT 3031 (n,2n) p 30-Zn-66
 Cross Section -100.0 To 9999. %



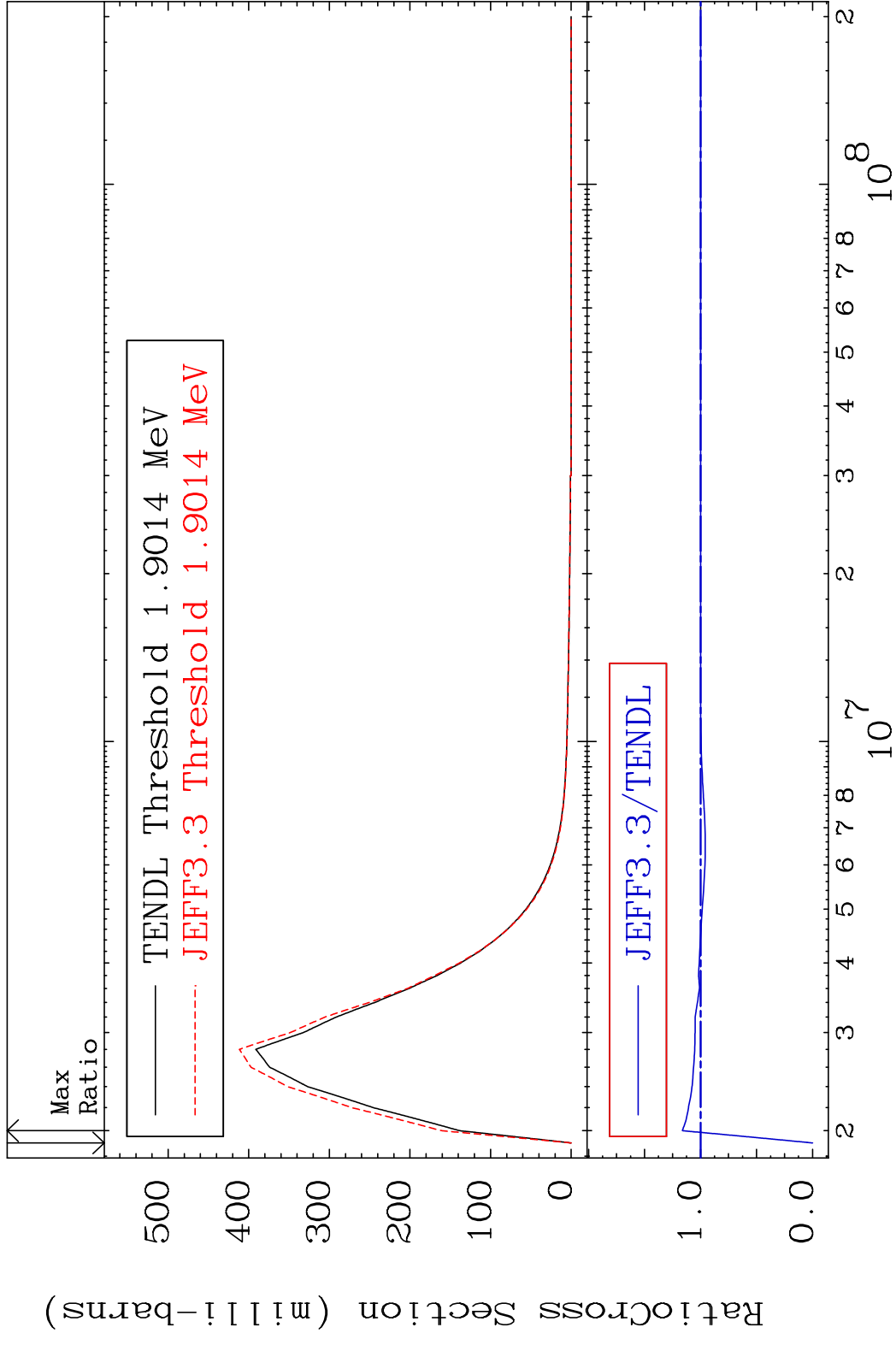
MAT 3031 (n, n') p α 30-Zn-66
 Cross Section -100.0 To 7840. %



MAT 3031 MT= 51 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 14.57 %

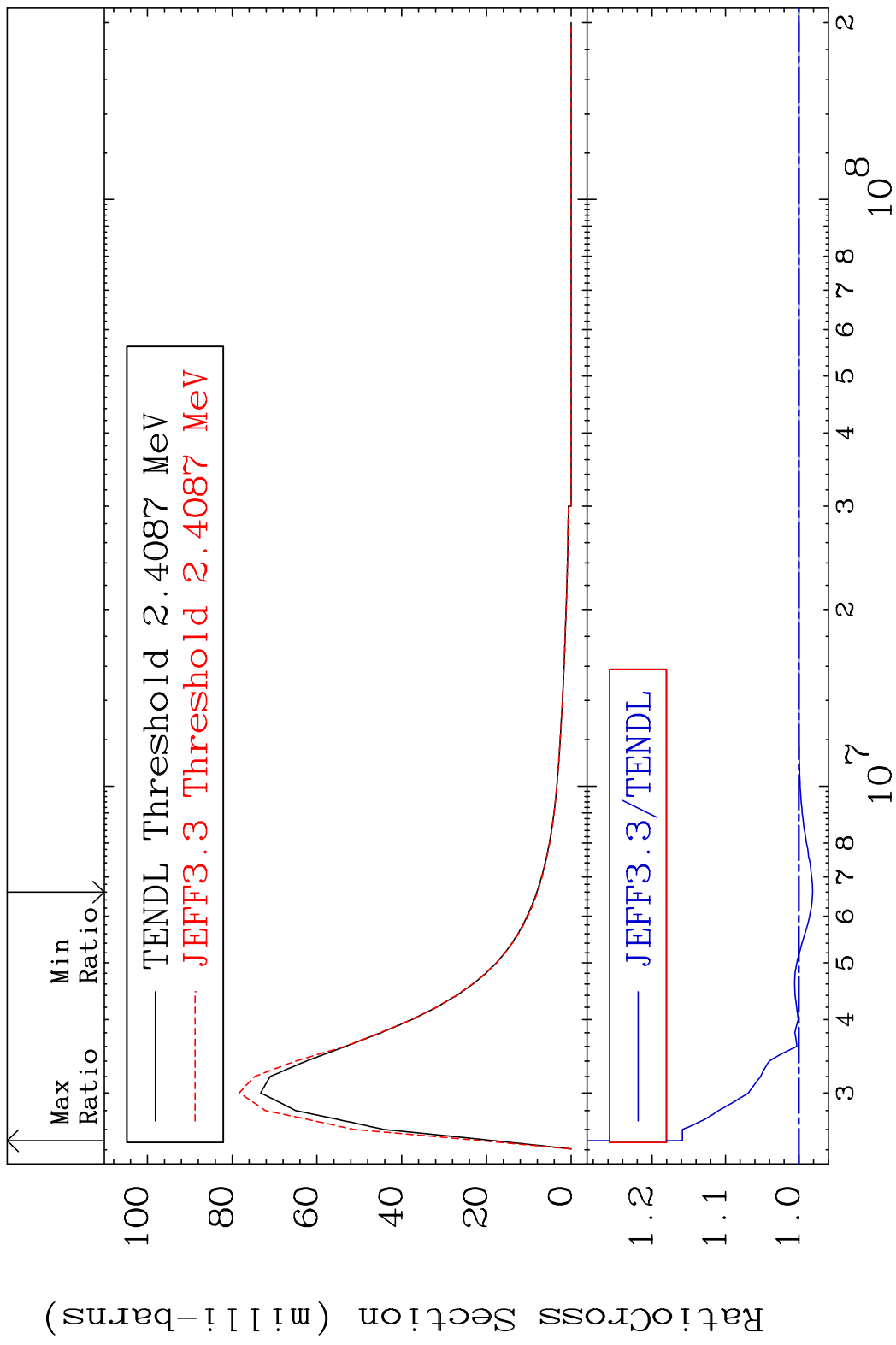


MAT 3031 MT= 52 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 16.25 %

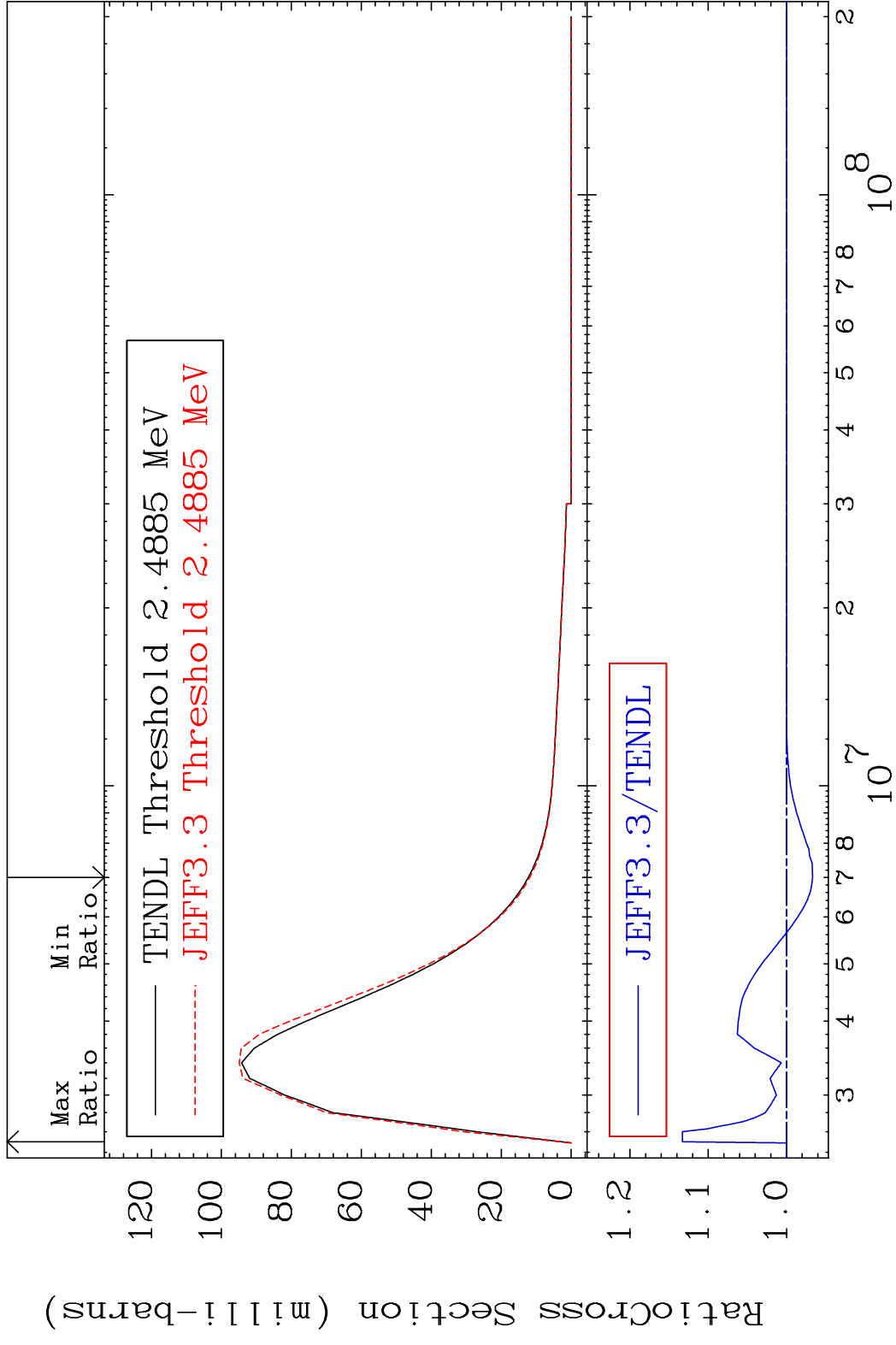


20 Incident Energy (eV) 30-Zn-66

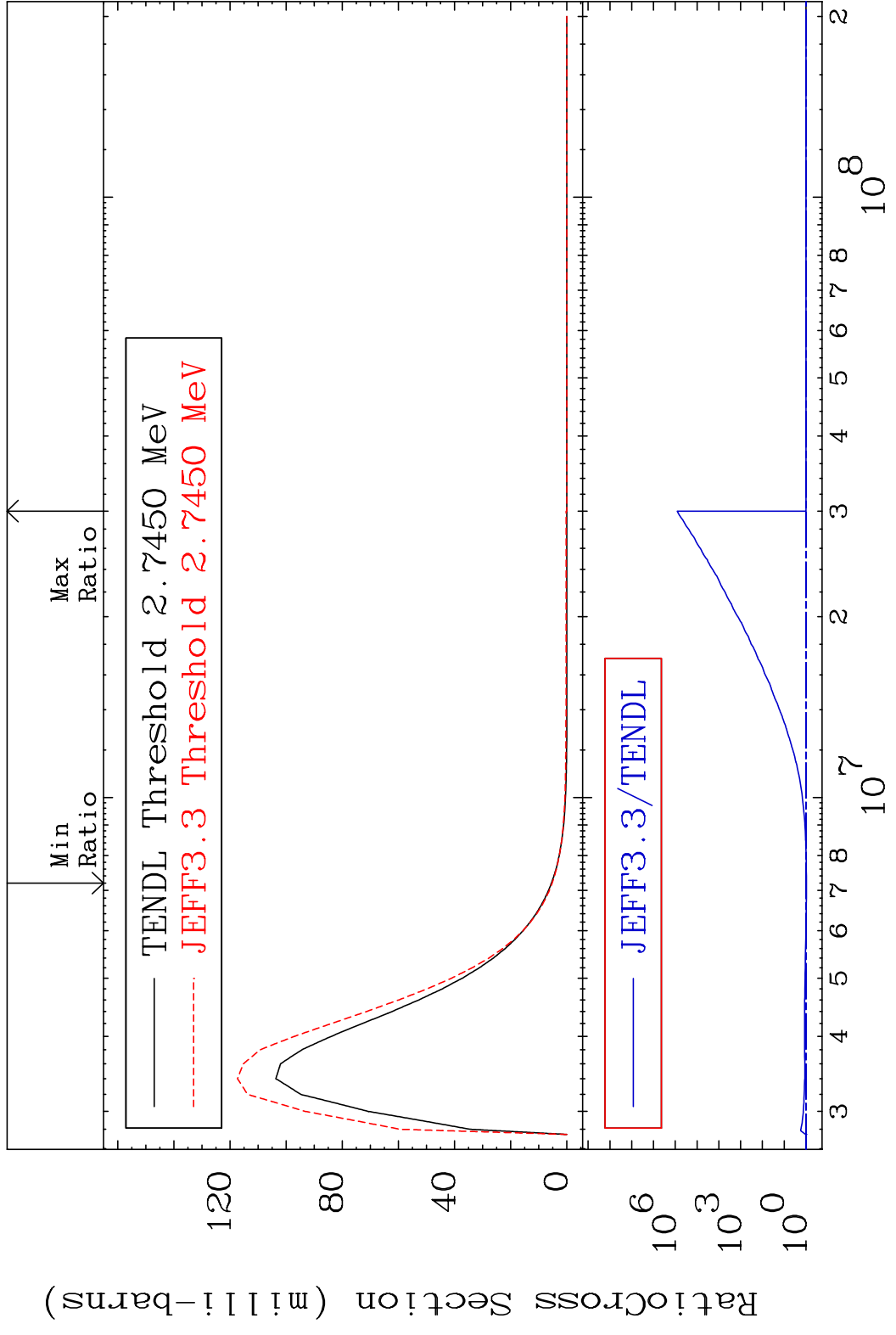
MAT 3031 MT= 53 (n,n') Level 30-Zn-66
 Cross Section -1.863 To 15.87 %



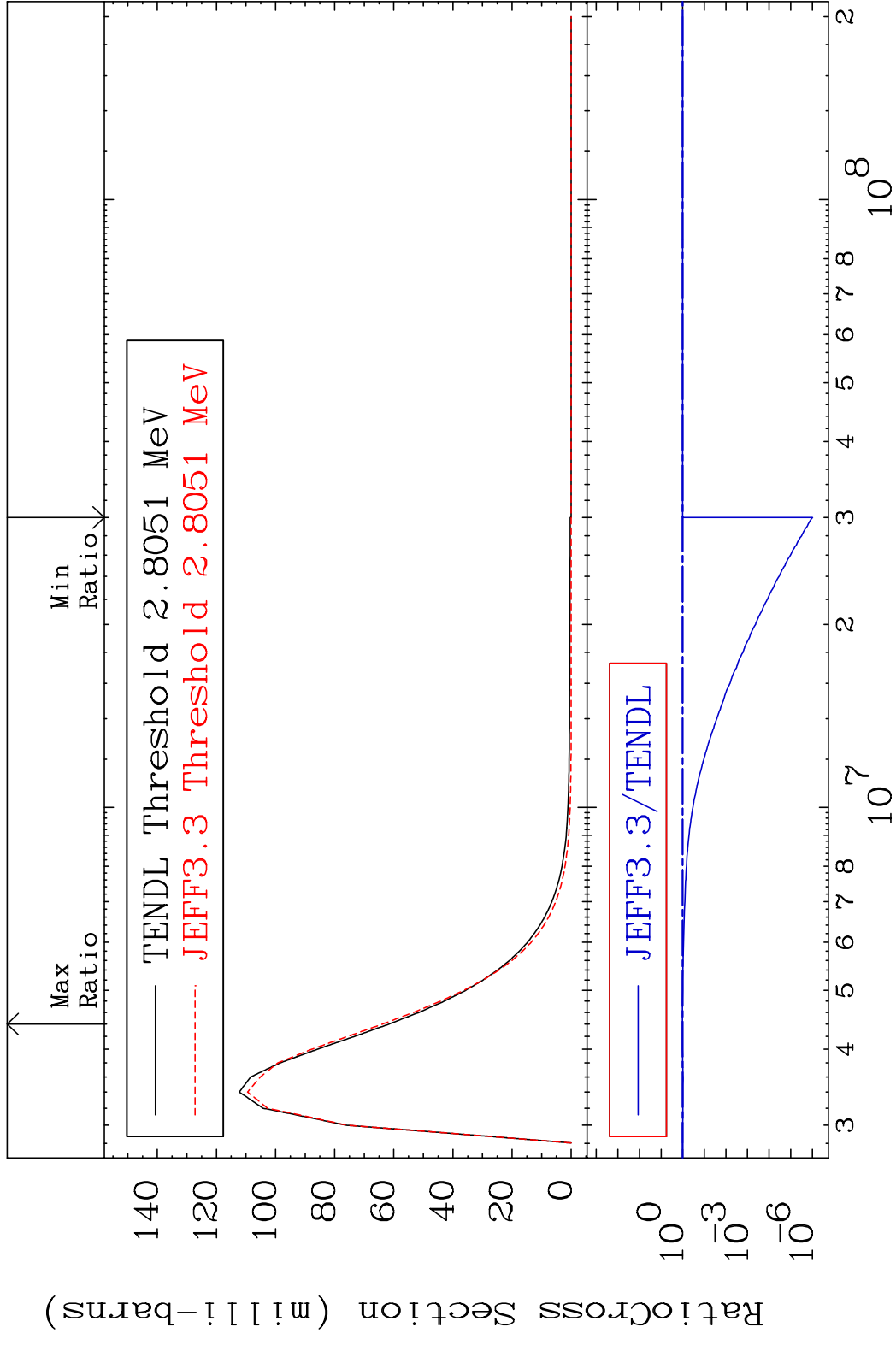
MAT 3031 MT= 54 (n,n') Level 30-Zn-66
 Cross Section -3.325 To 13.31 %



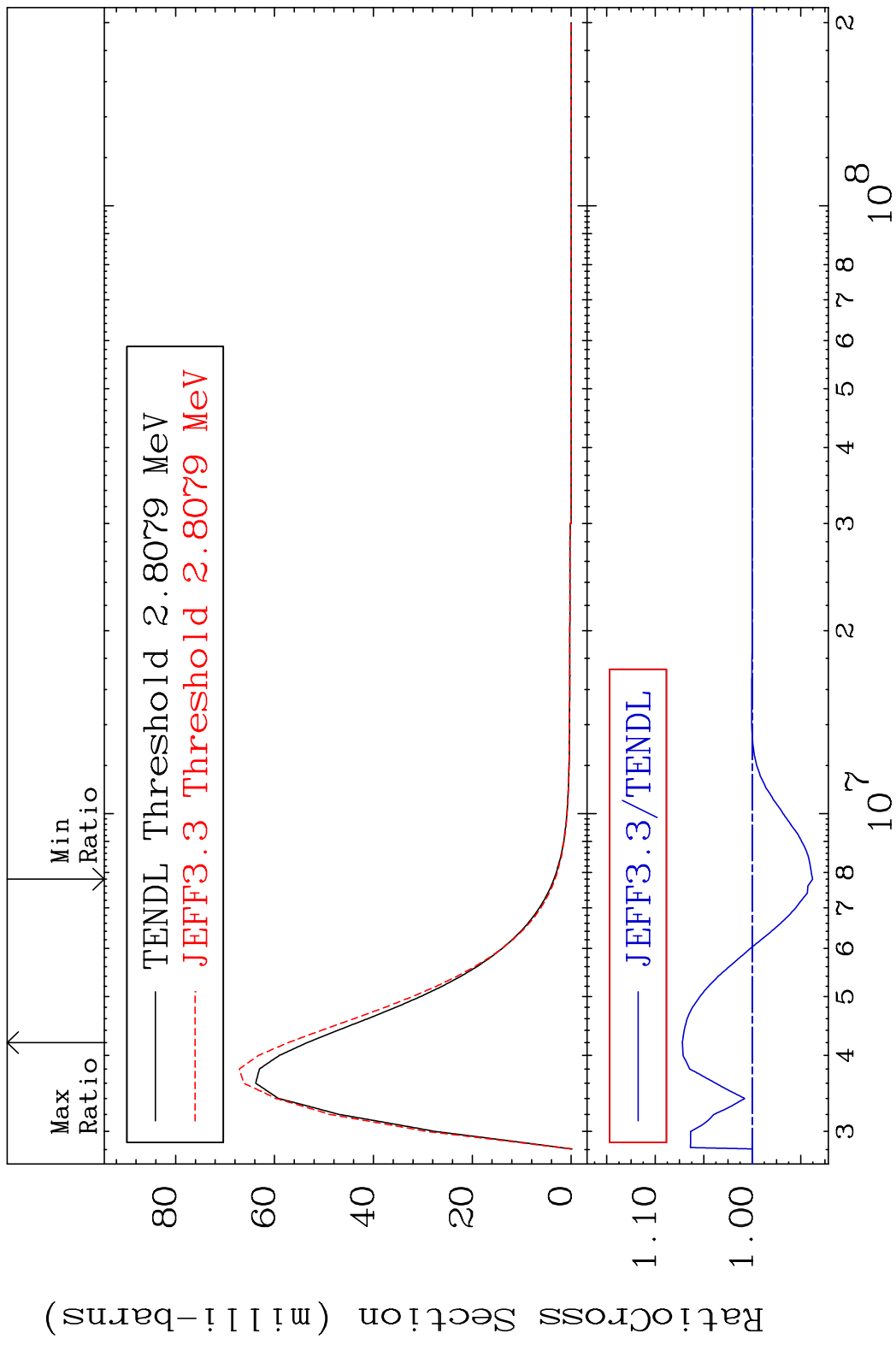
MAT 3031 MT= 55 (n, n') Level 30-Zn-66
 Cross Section -4.571 To 9999. %



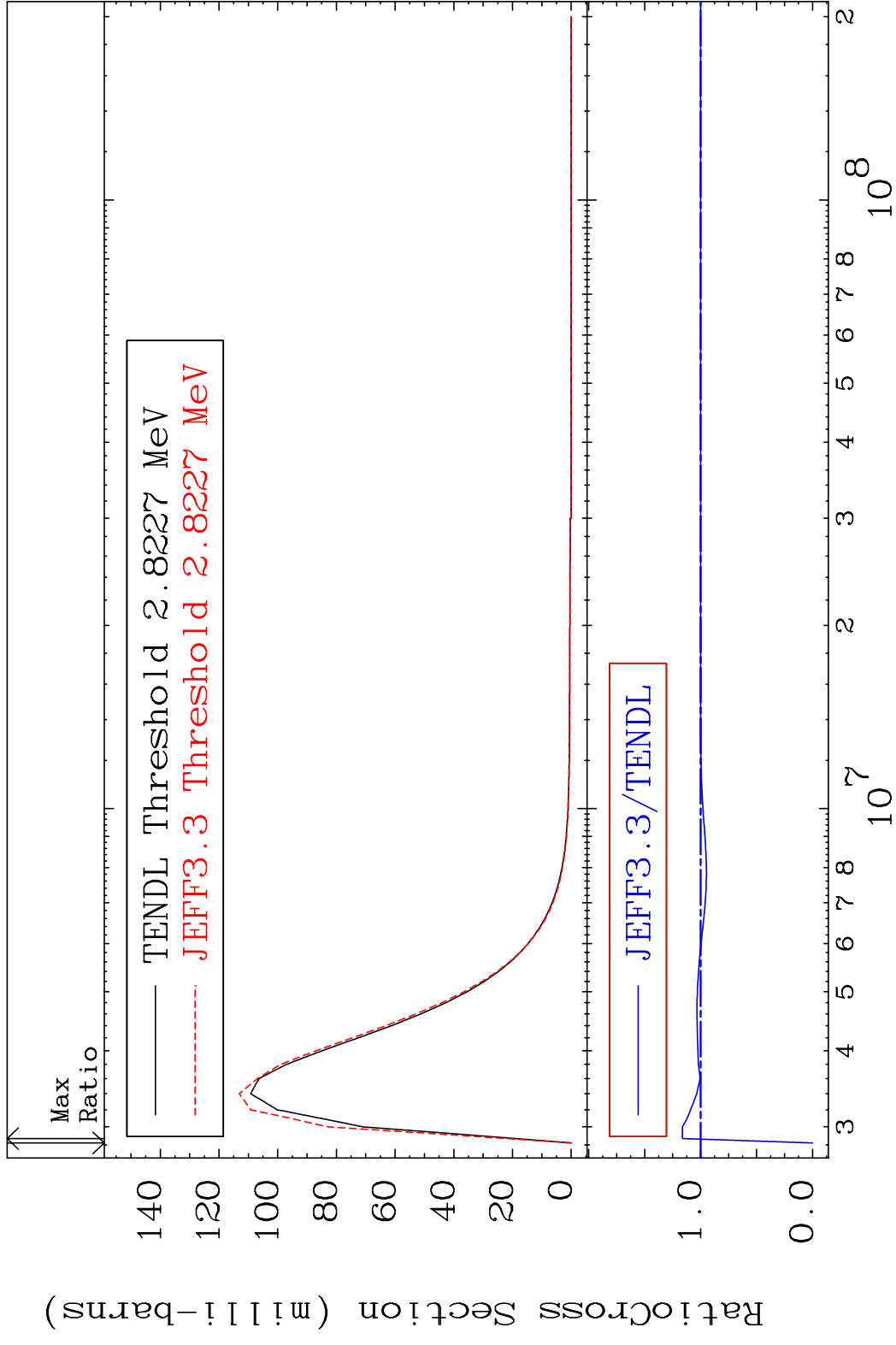
MAT 3031 MT= 56 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 3.596 %



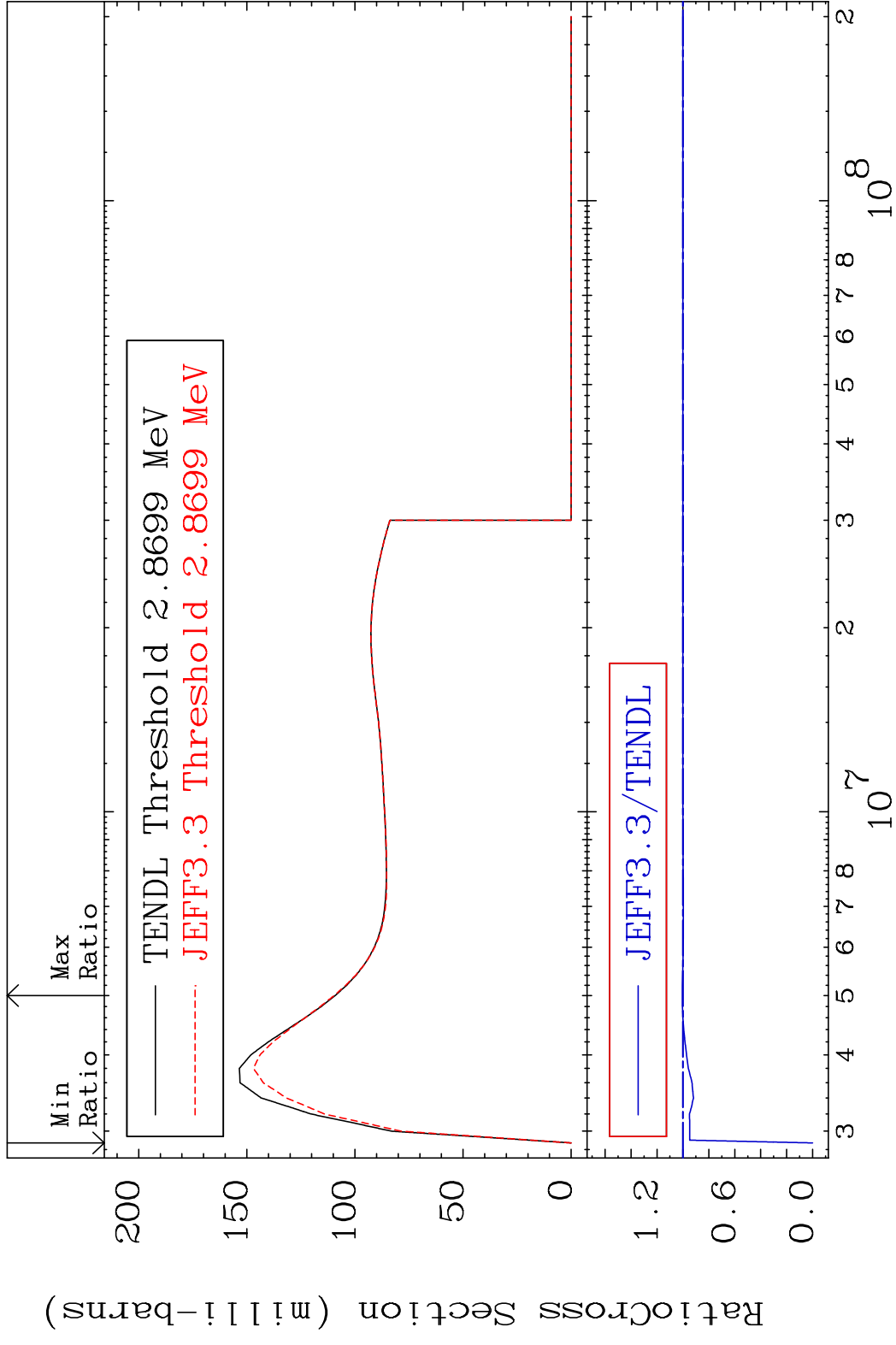
MAT 3031 MT= 57 (n, n') Level 30-Zn-66
 Cross Section -6.221 To 7.207 %



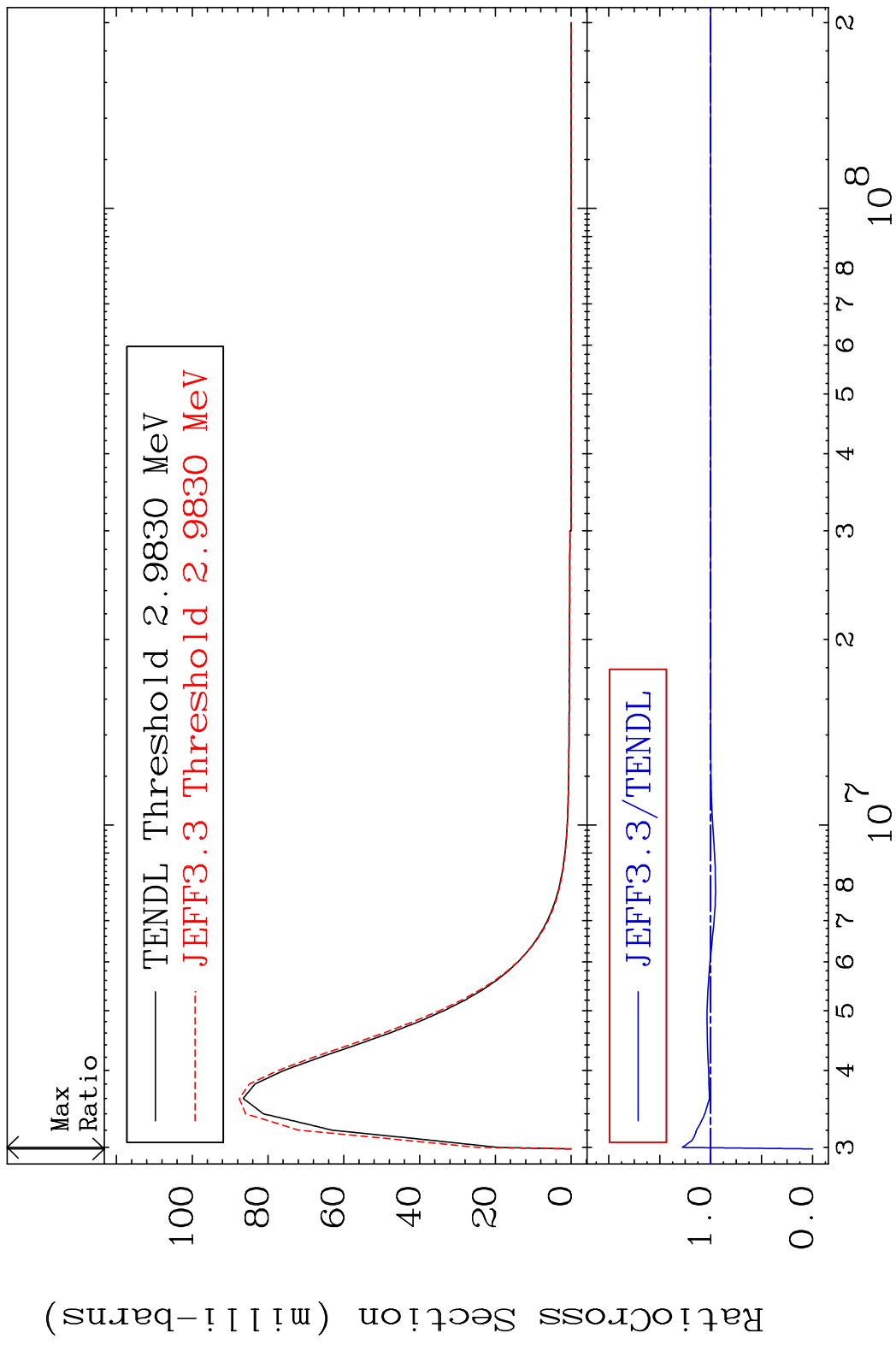
MAT 3031 MT= 58 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 16.35 %



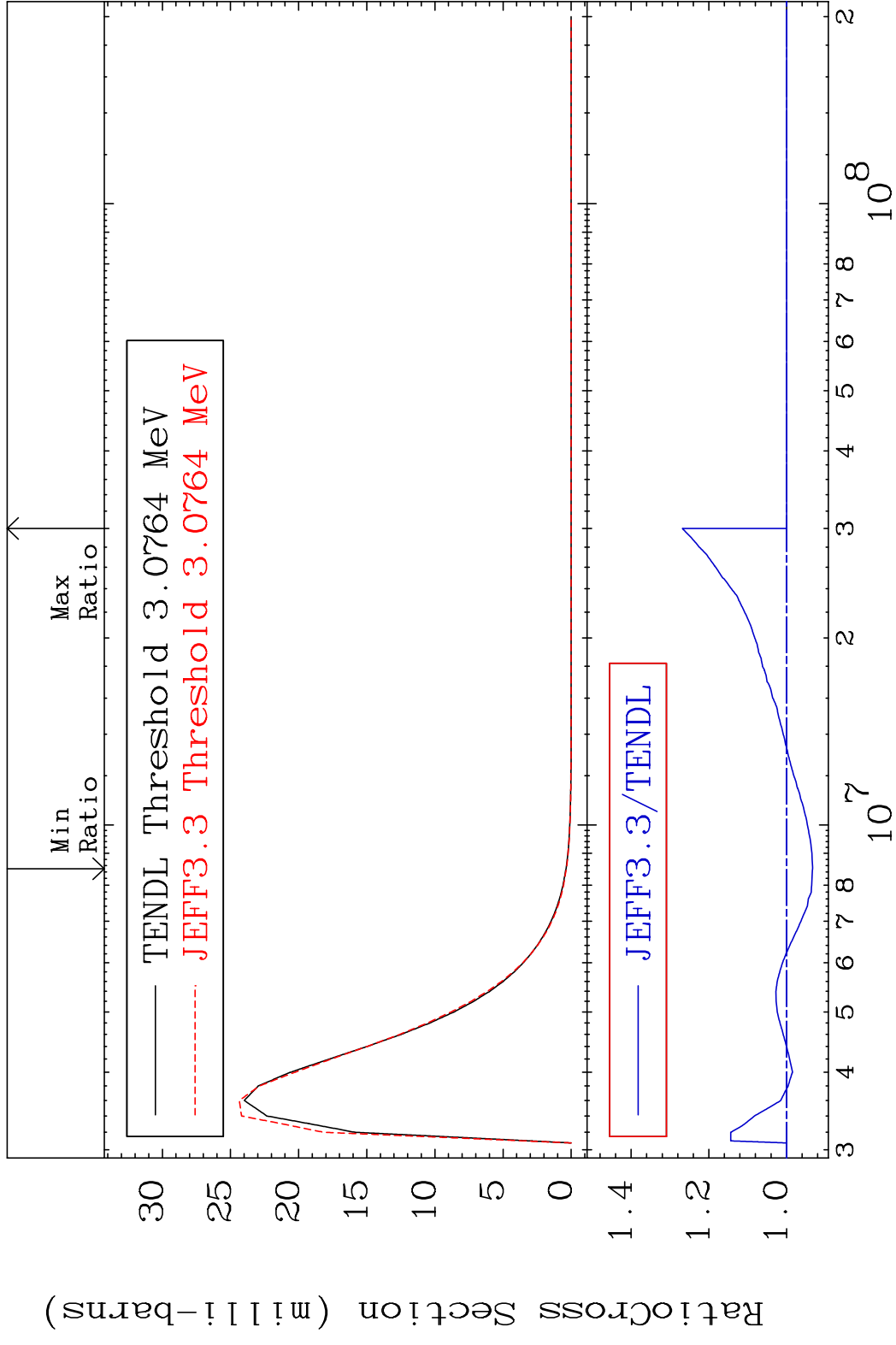
MAT 3031 MT= 59 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 0.433 %



MAT 3031 MT= 60 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 27.81 %



MAT 3031 MT= 61 (n, n') Level 30-Zn-66
 Cross Section -6.689 To 26.82 %

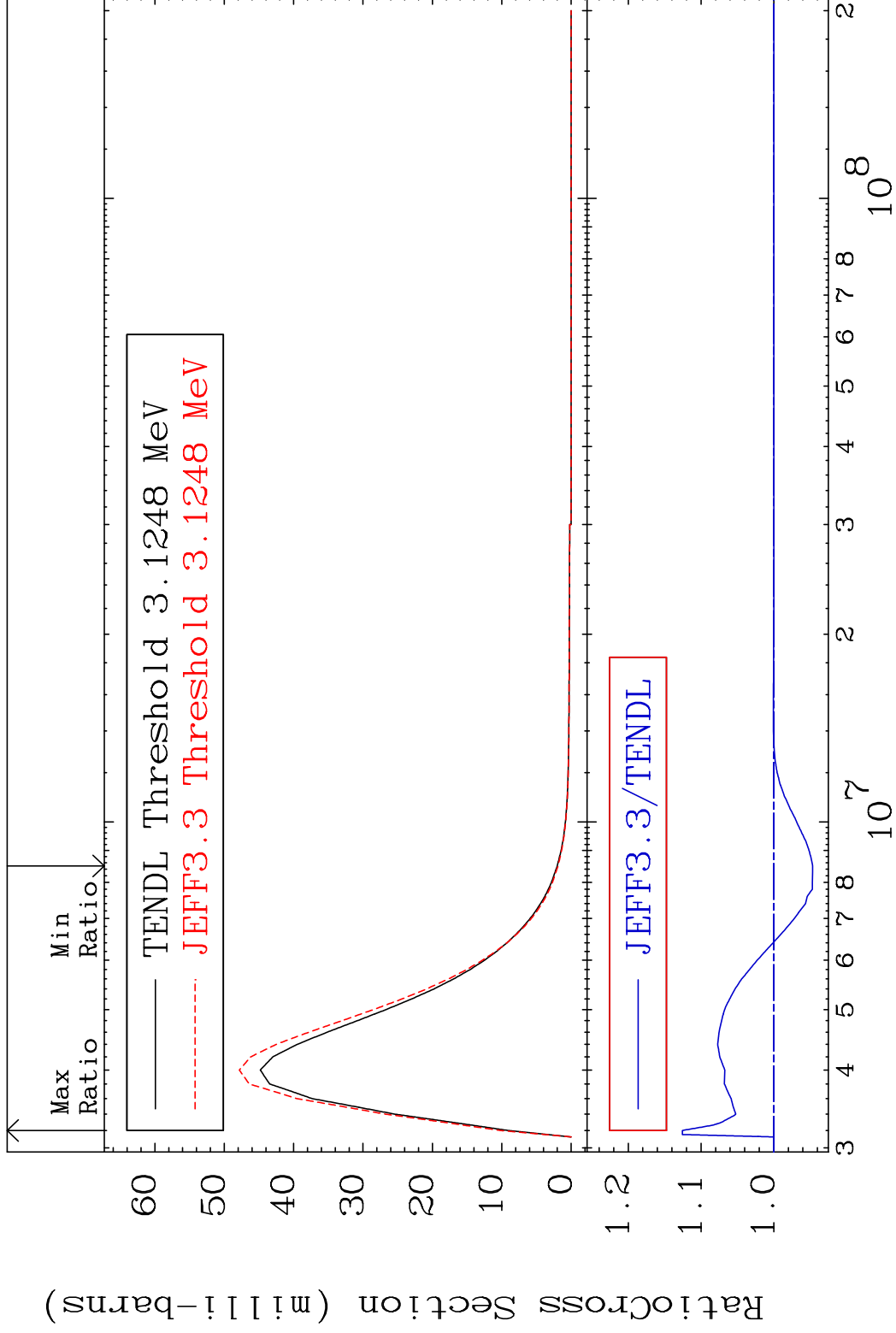


MAT 3031

MT= 62 (n, n') Level

30-Zn-66

Cross Section -5.327 To 12.57 %

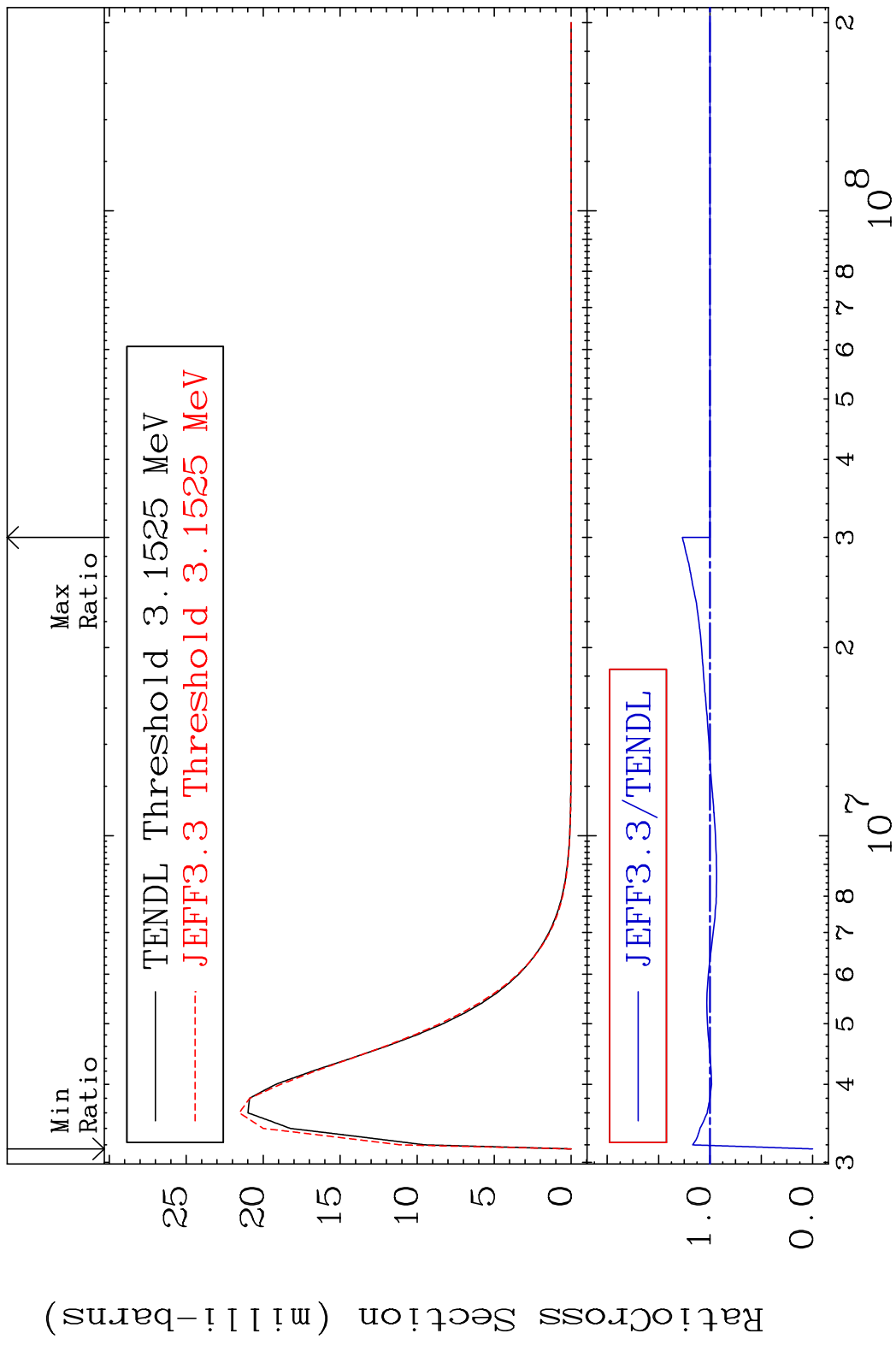


30

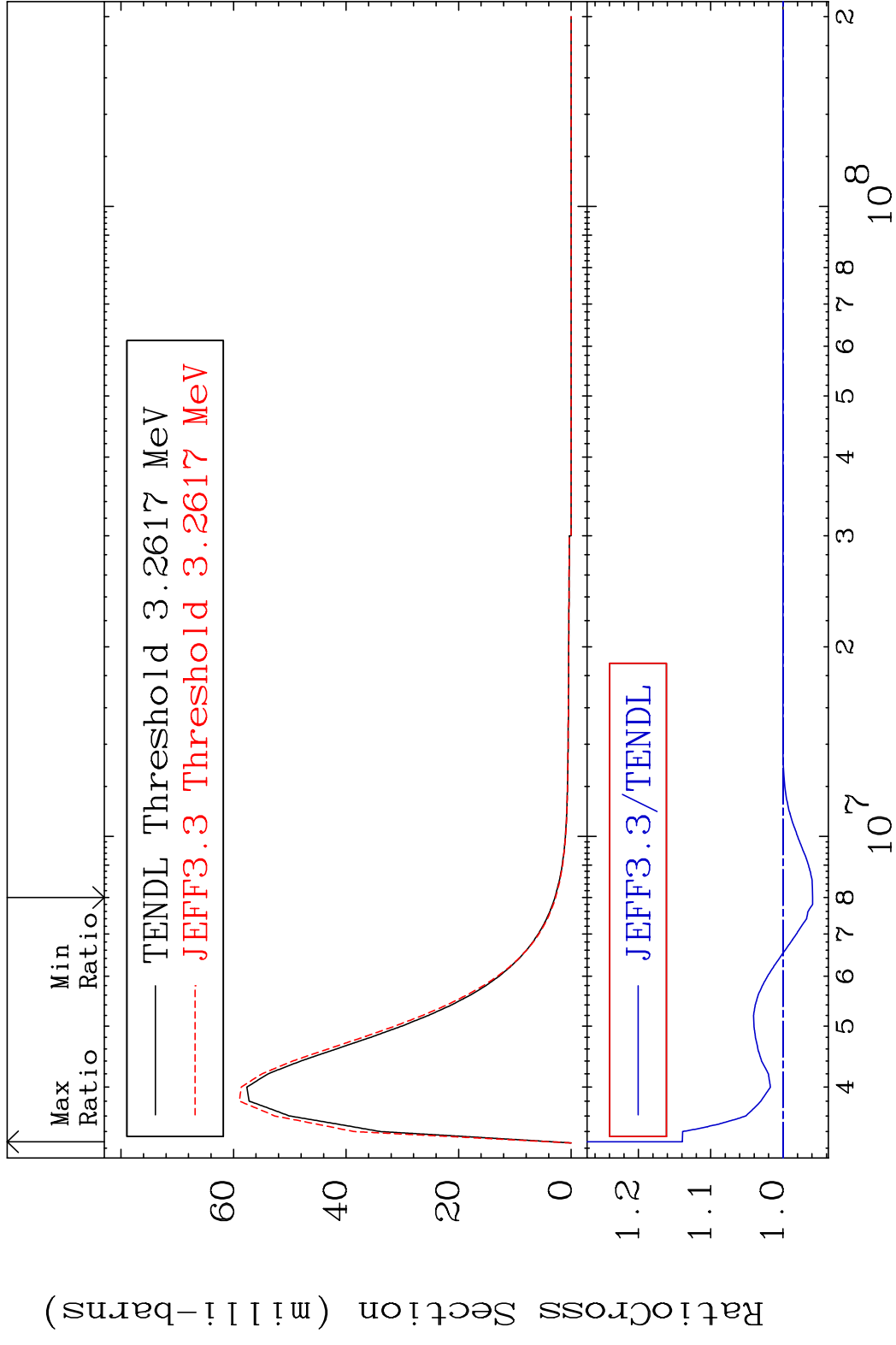
Incident Energy (eV)

30-Zn-66

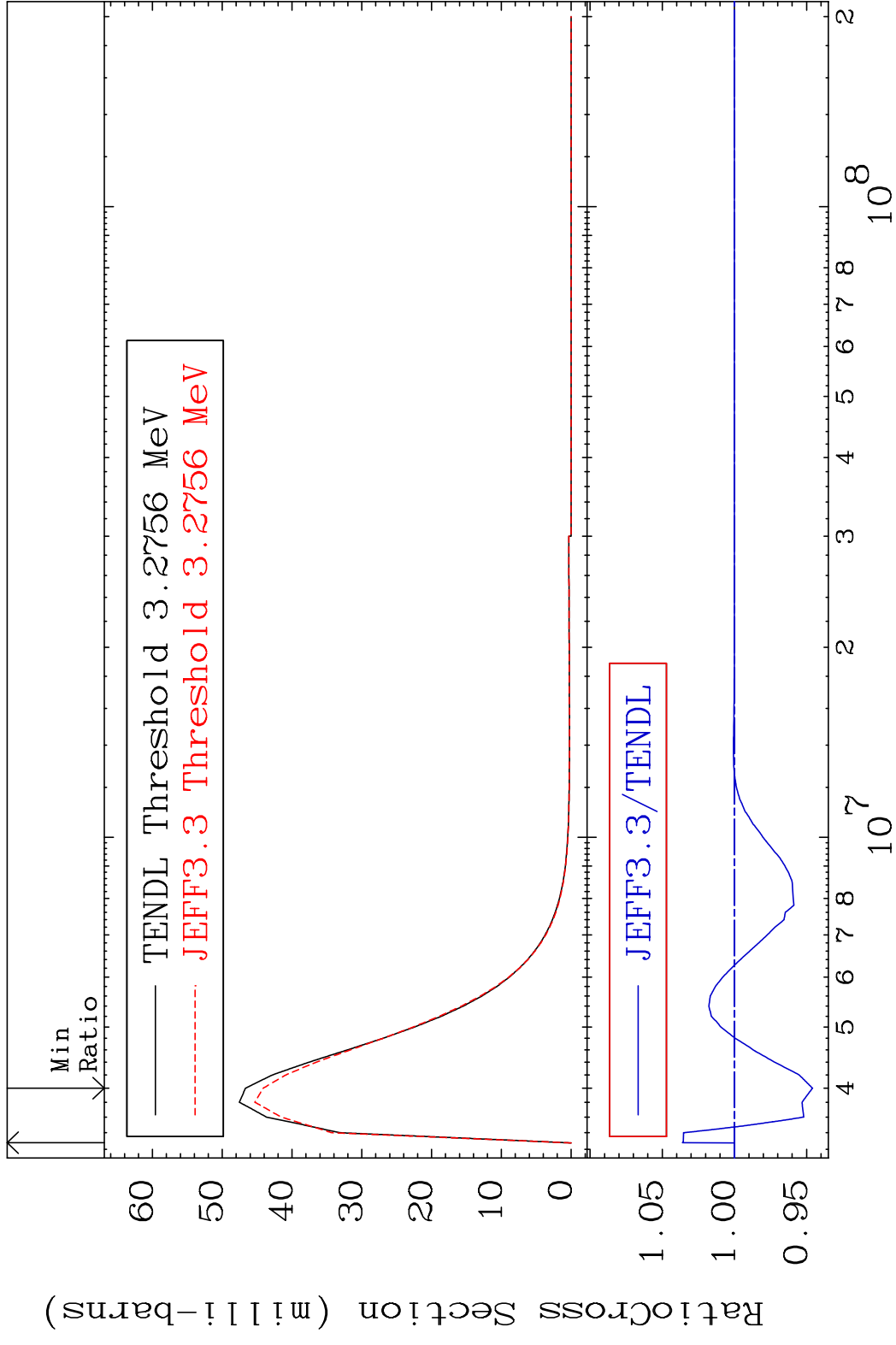
MAT 3031 MT= 63 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 26.83 %



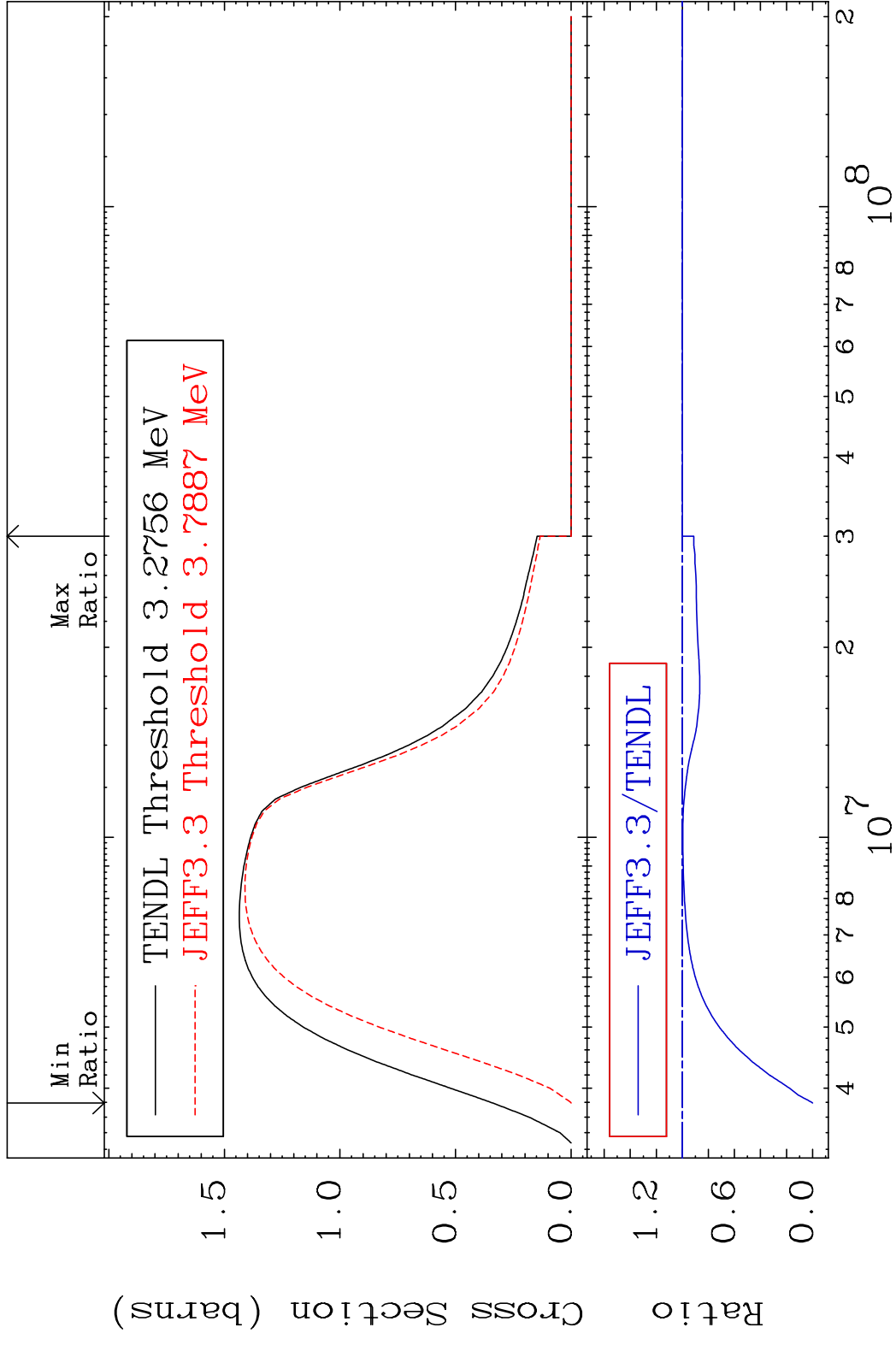
MAT 3031 MT= 64 (n,n') Level 30-Zn-66
 Cross Section -4.077 To 13.93 %



MAT 3031 MT= 65 (n,n') Level 30-Zn-66
 Cross Section -5.411 To 3.609 %



MAT 3031 (n,n') Continuum 30-Zn-66
 Cross Section -100.0 To 0.000 %

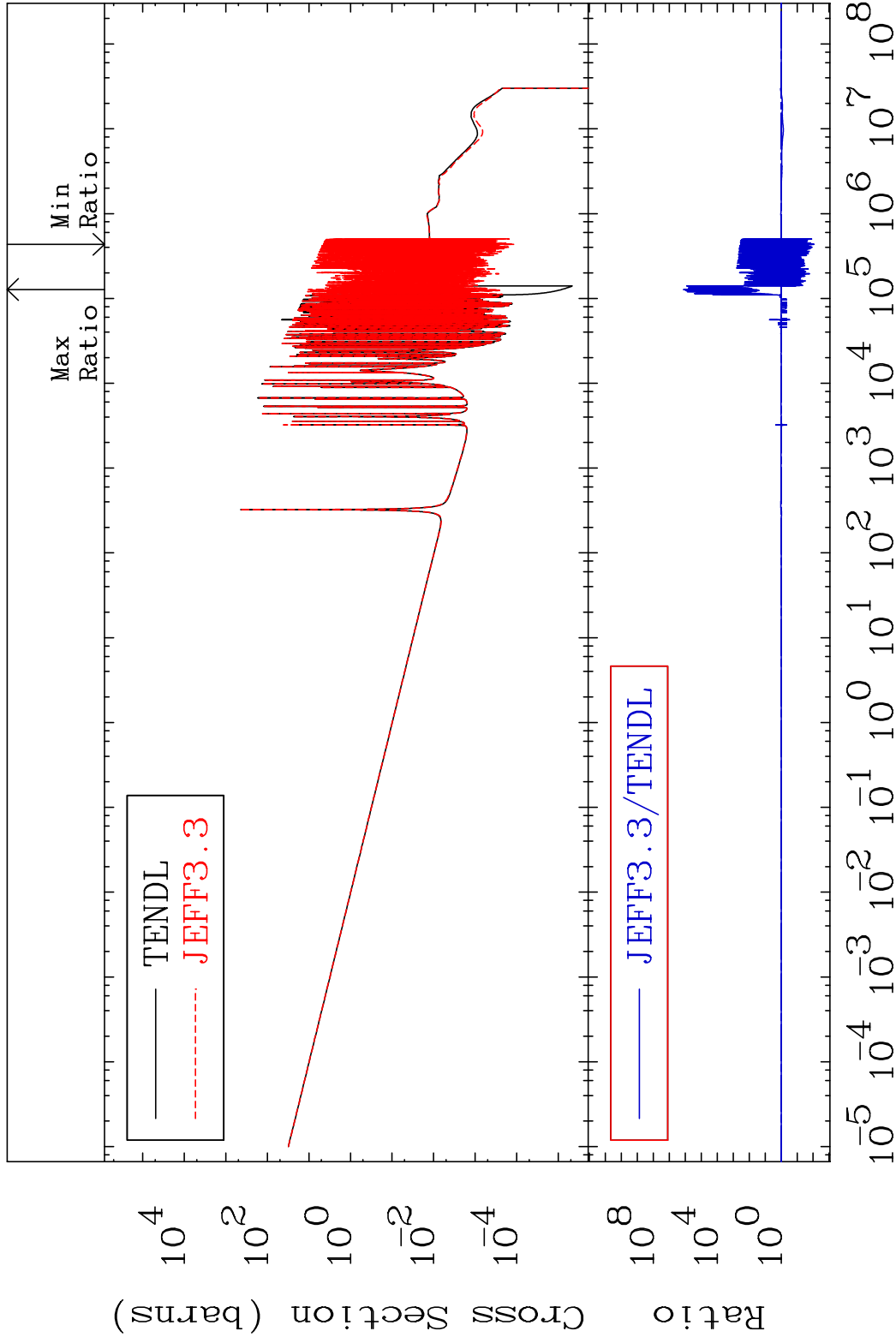


MAT 3031

(n, γ)

30-Zn-66

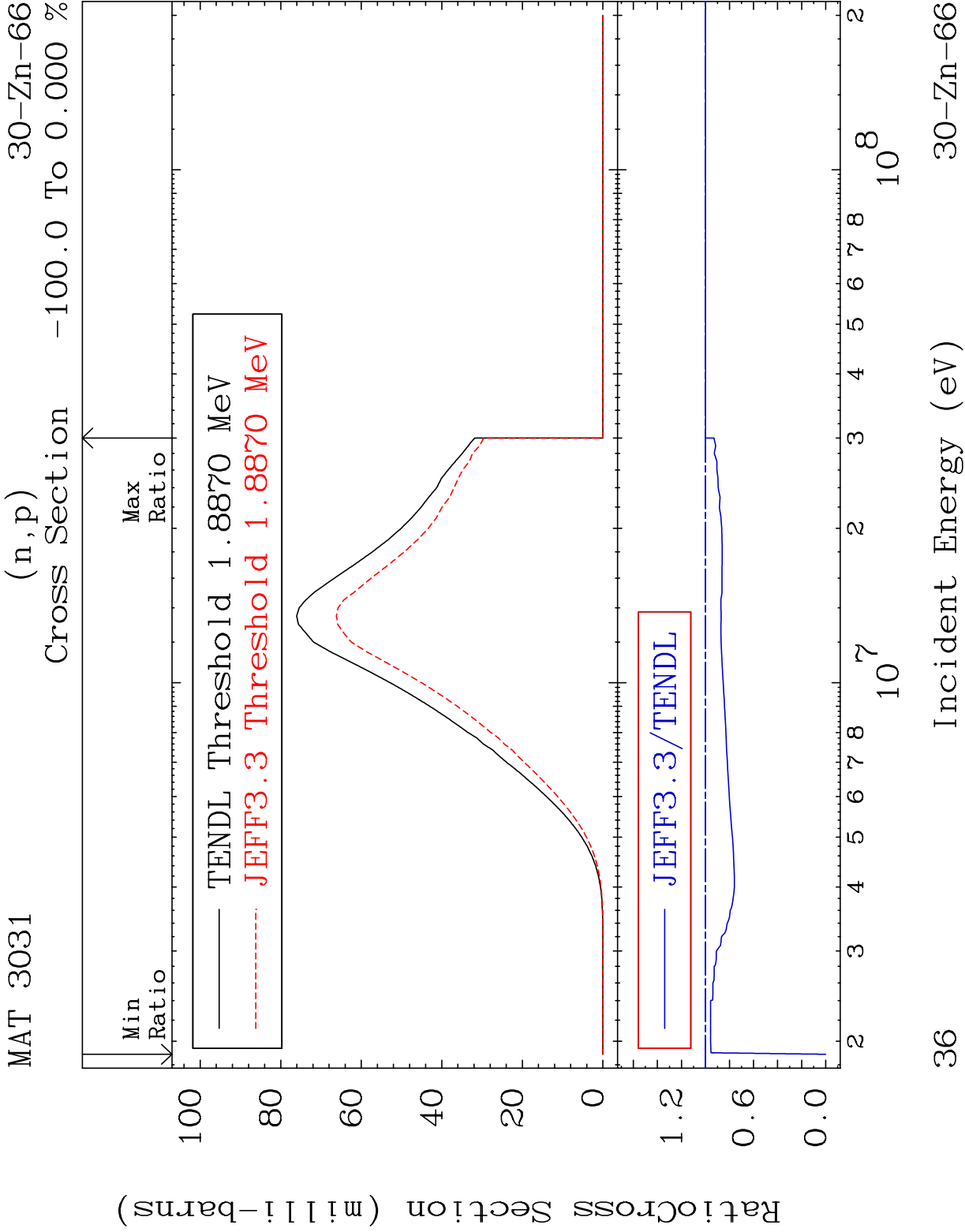
Cross Section -99.13 To 9999. %

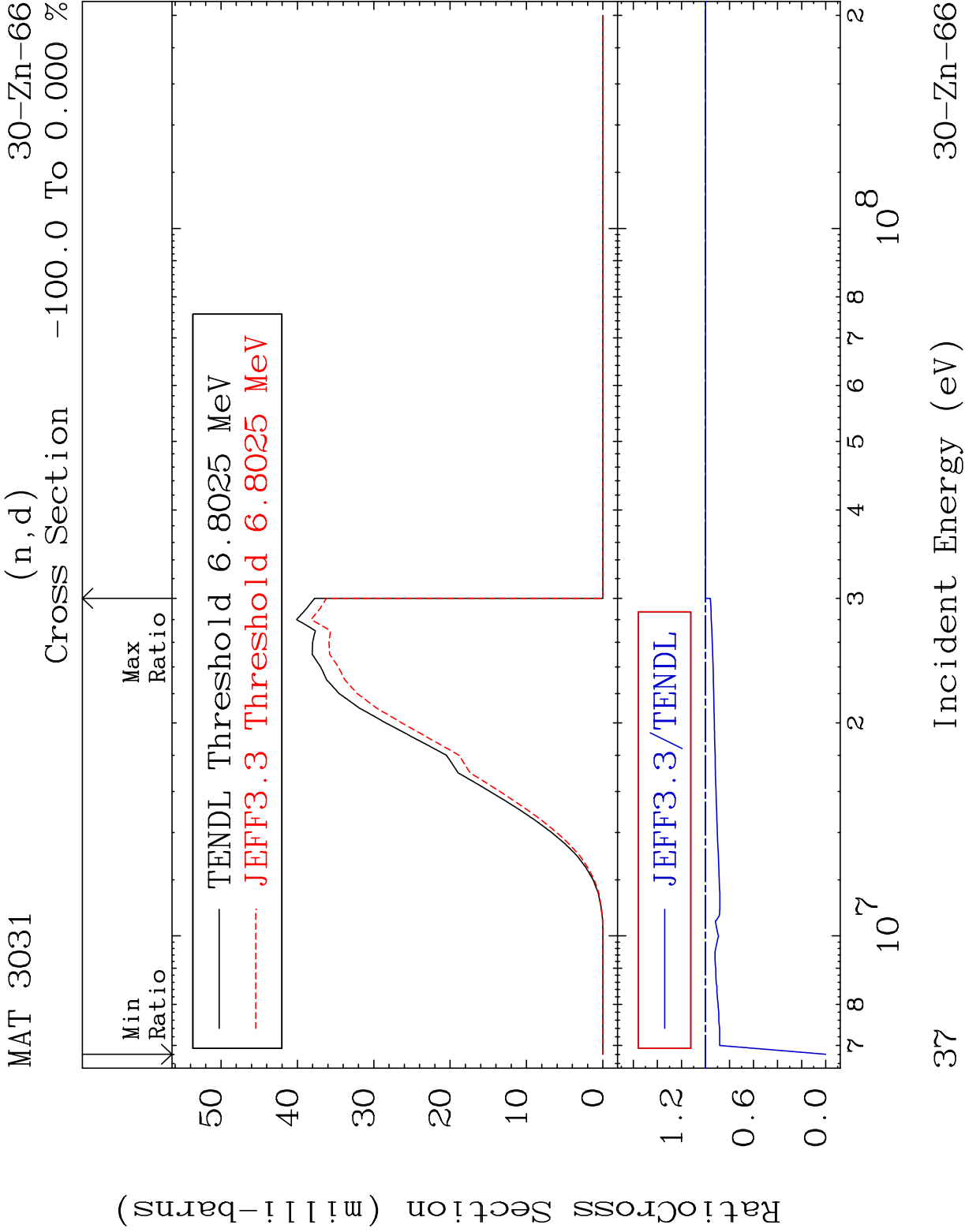


35

Incident Energy (eV)

30-Zn-66



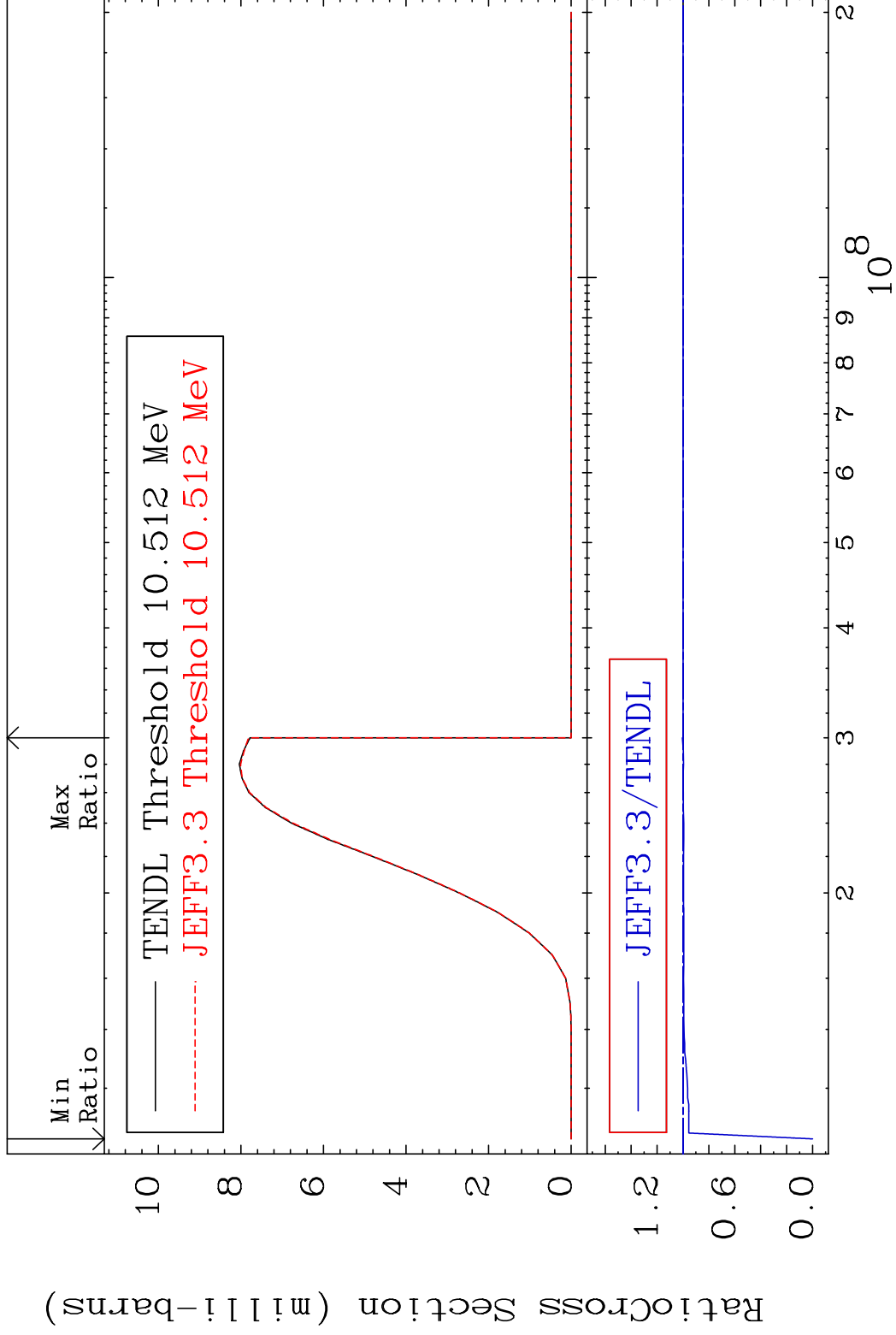


MAT 3031

(n, t)

30-Zn-66

Cross Section -100.0 To 0.478 %



38

Incident Energy (eV)

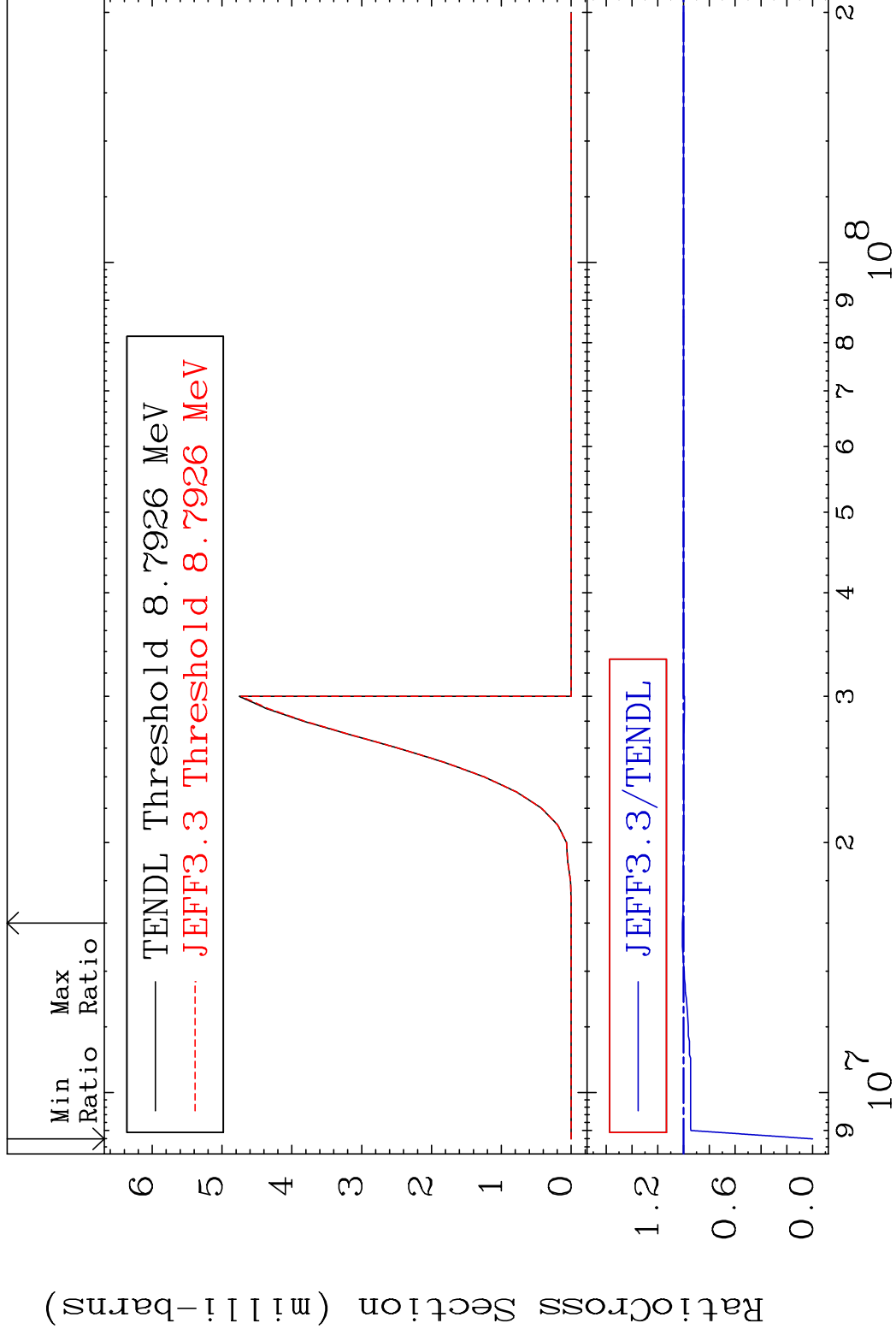
30-Zn-66

MAT 3031

(n, He-3)

30-Zn-66

Cross Section -100.0 To 0.943 %

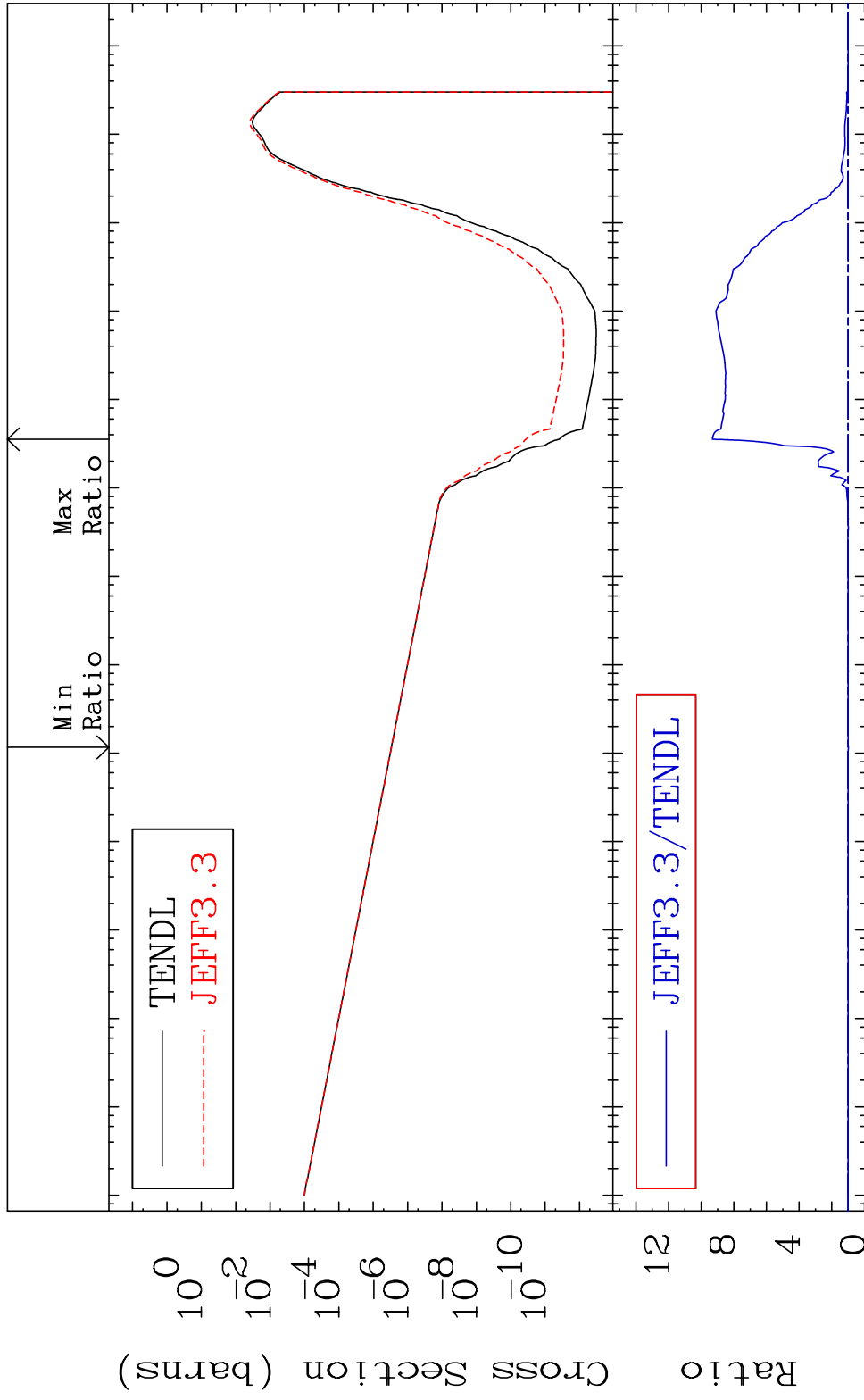


MAT 3031

30-Zn-66

(n, α)

Cross Section -1.079 To 831.7 %

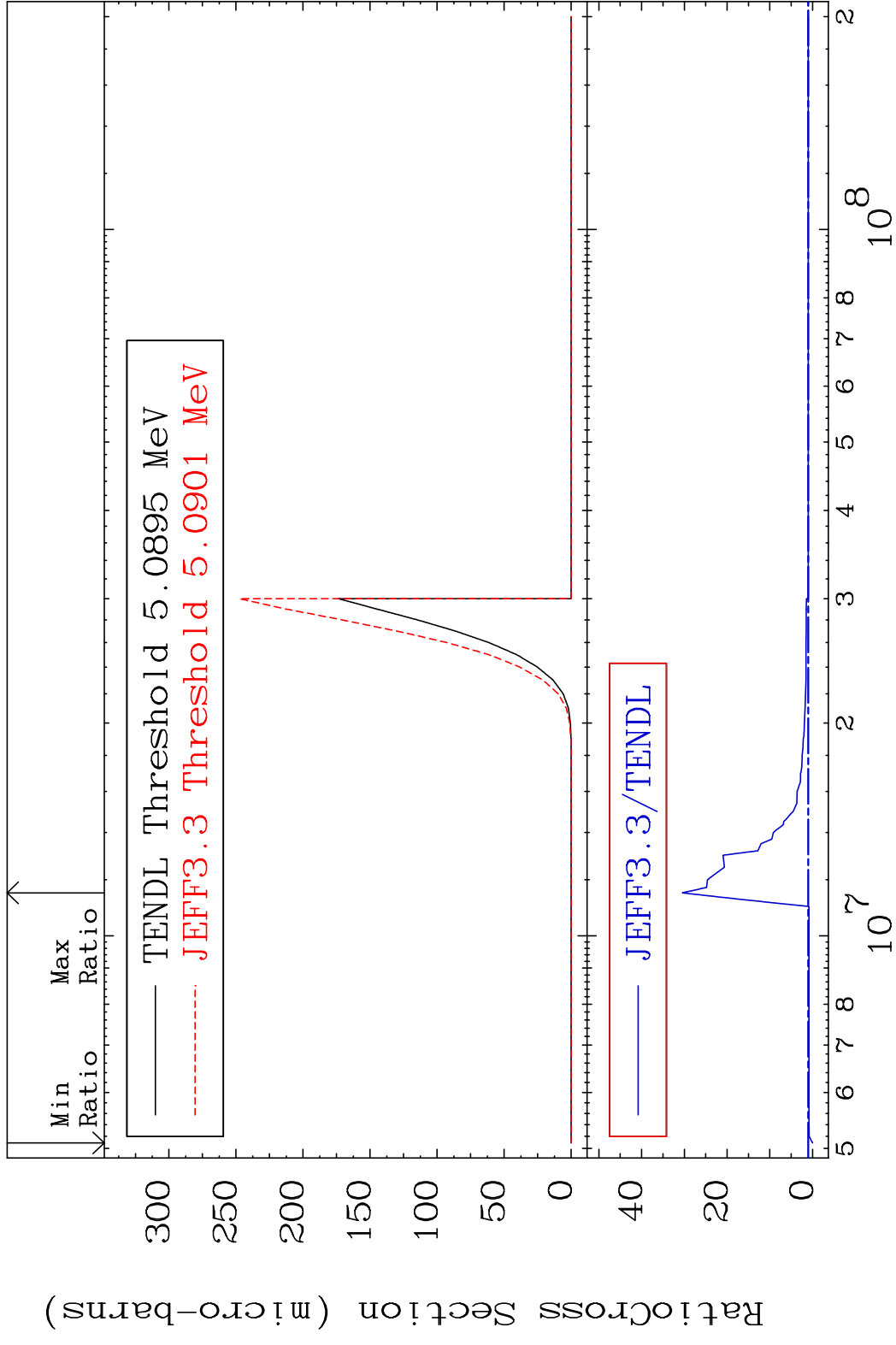


40

Incident Energy (eV)

30-Zn-66

MAT 3031 (n,2α) 30-Zn-66
 Cross Section -100.0 To 2947. %



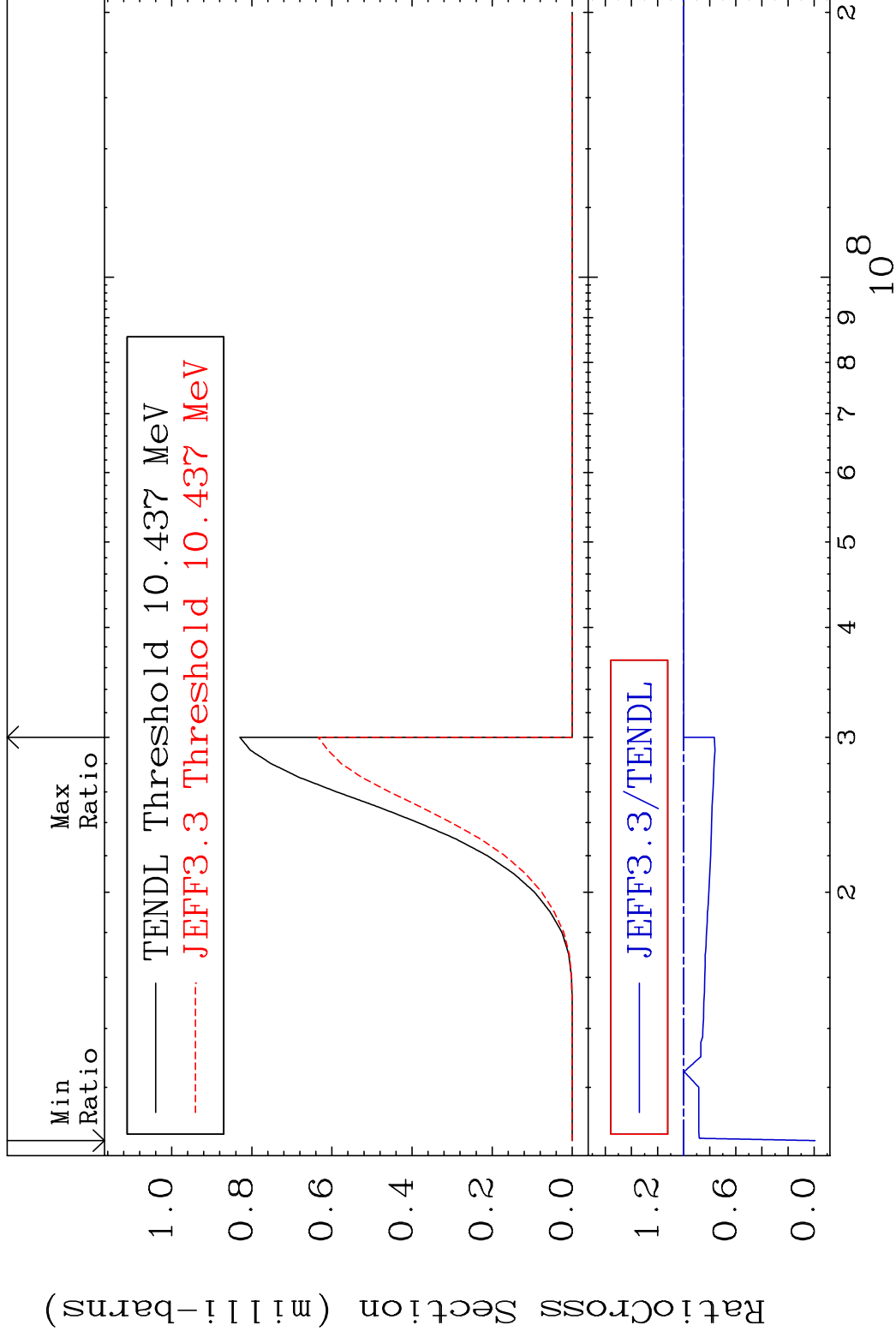
41 Incident Energy (eV) 30-Zn-66

MAT 3031

(n,2p)

30-Zn-66

Cross Section -100.0 To 0.000 %



42

Incident Energy (eV)

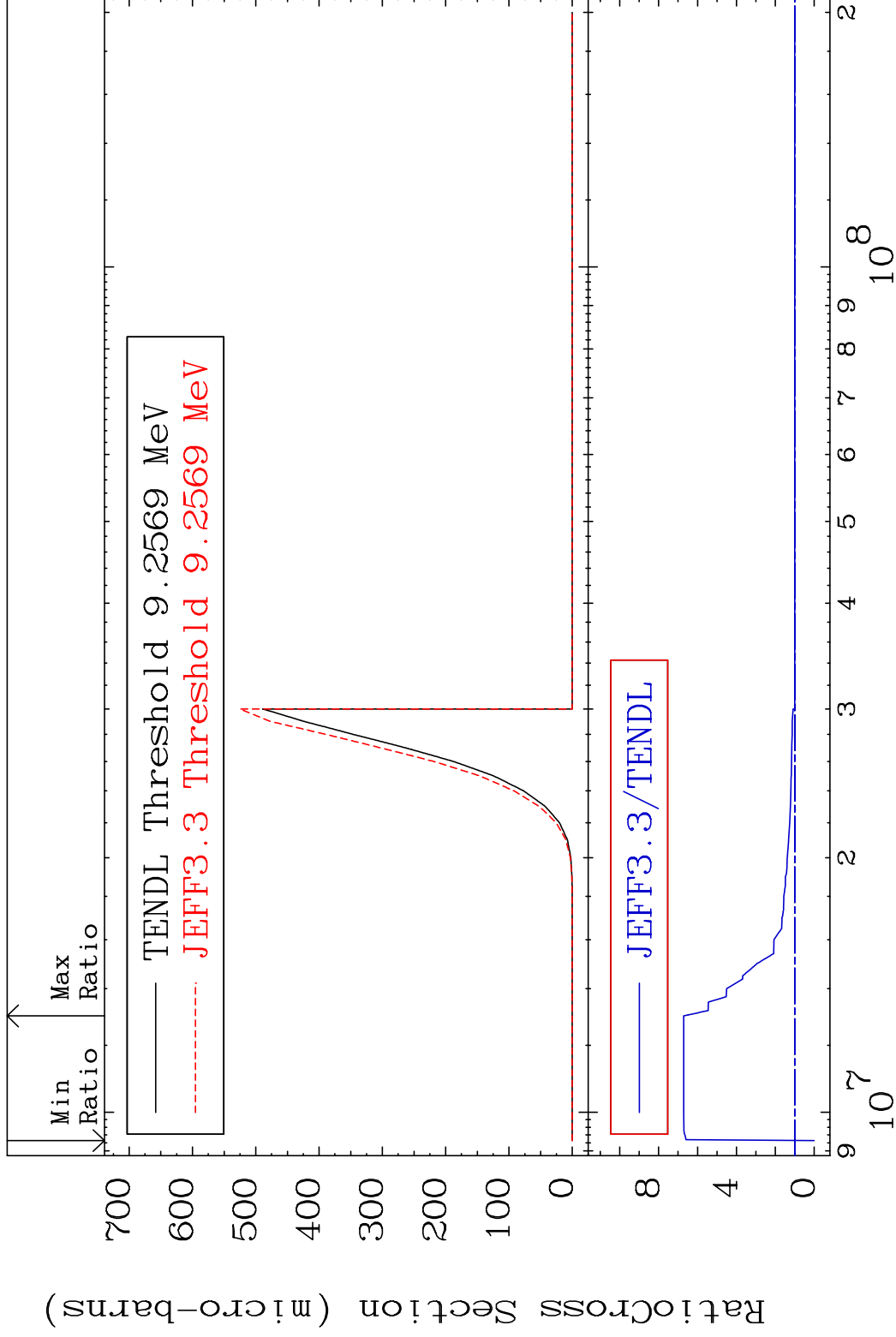
30-Zn-66

MAT 3031

(n,p) α

30-Zn-66

Cross Section -100.0 To 571.3 %

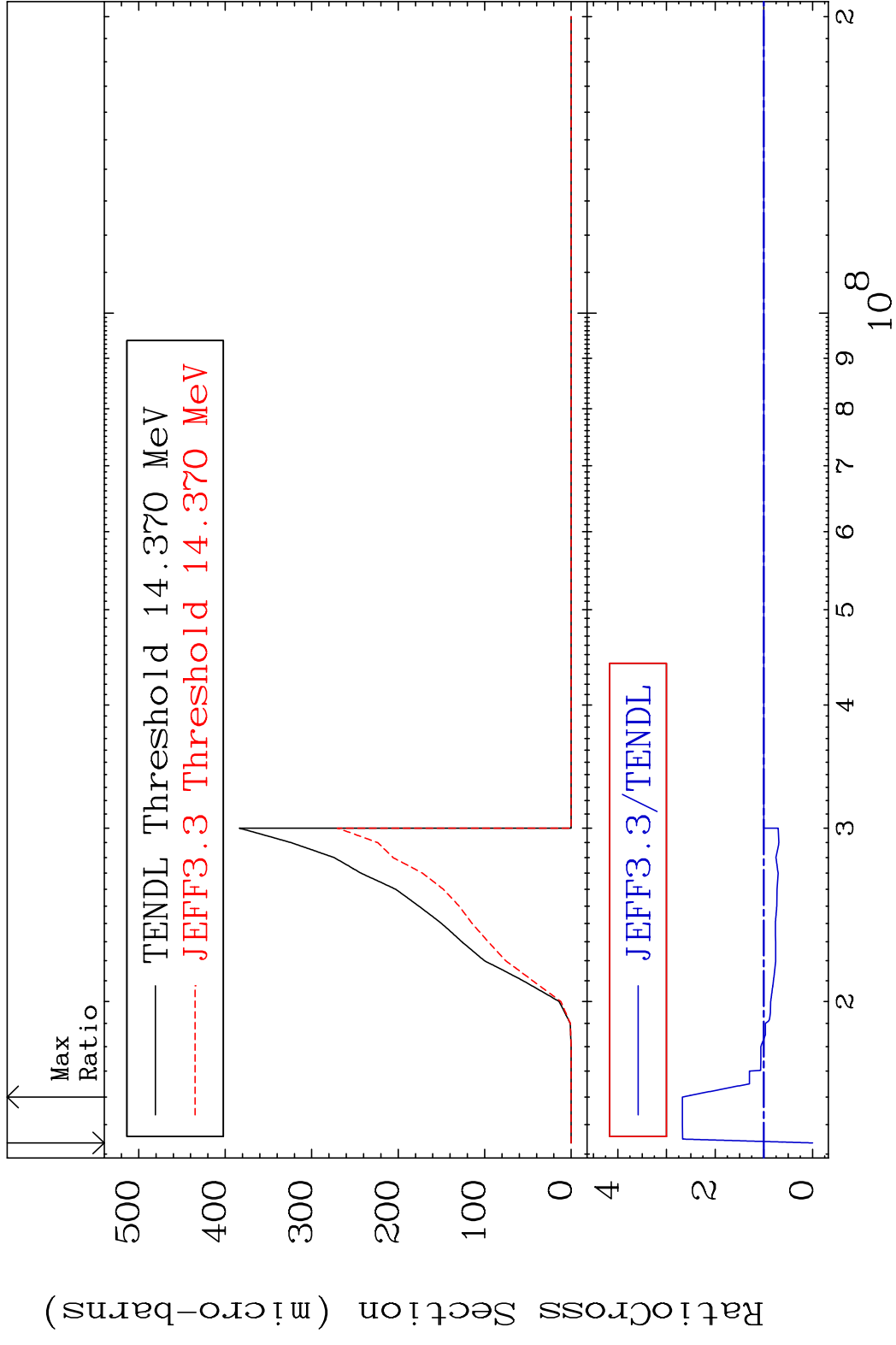


43

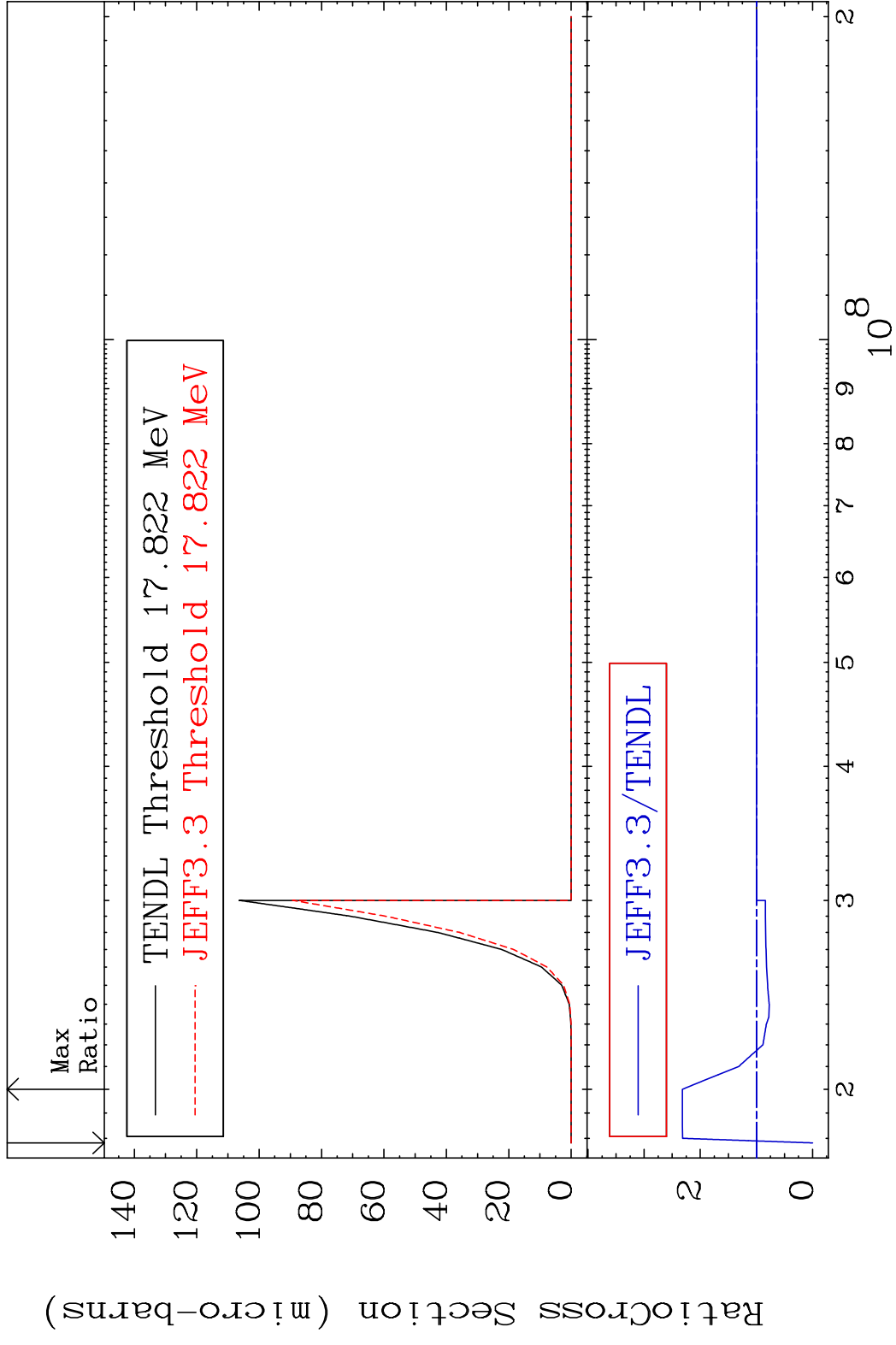
Incident Energy (eV)

30-Zn-66

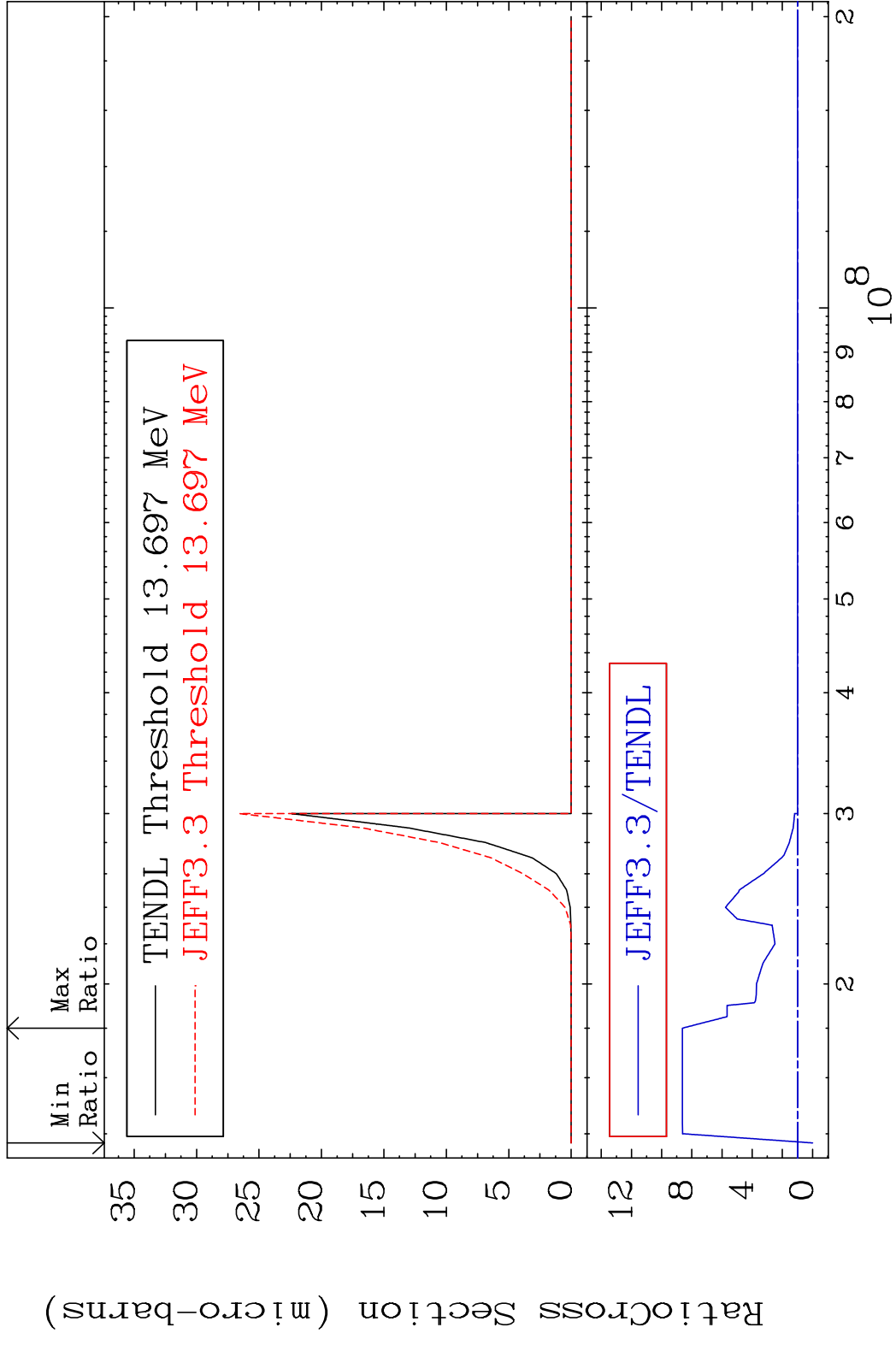
MAT 3031 (n,p) d 30-Zn-66
 Cross Section -100.0 To 167.4 %



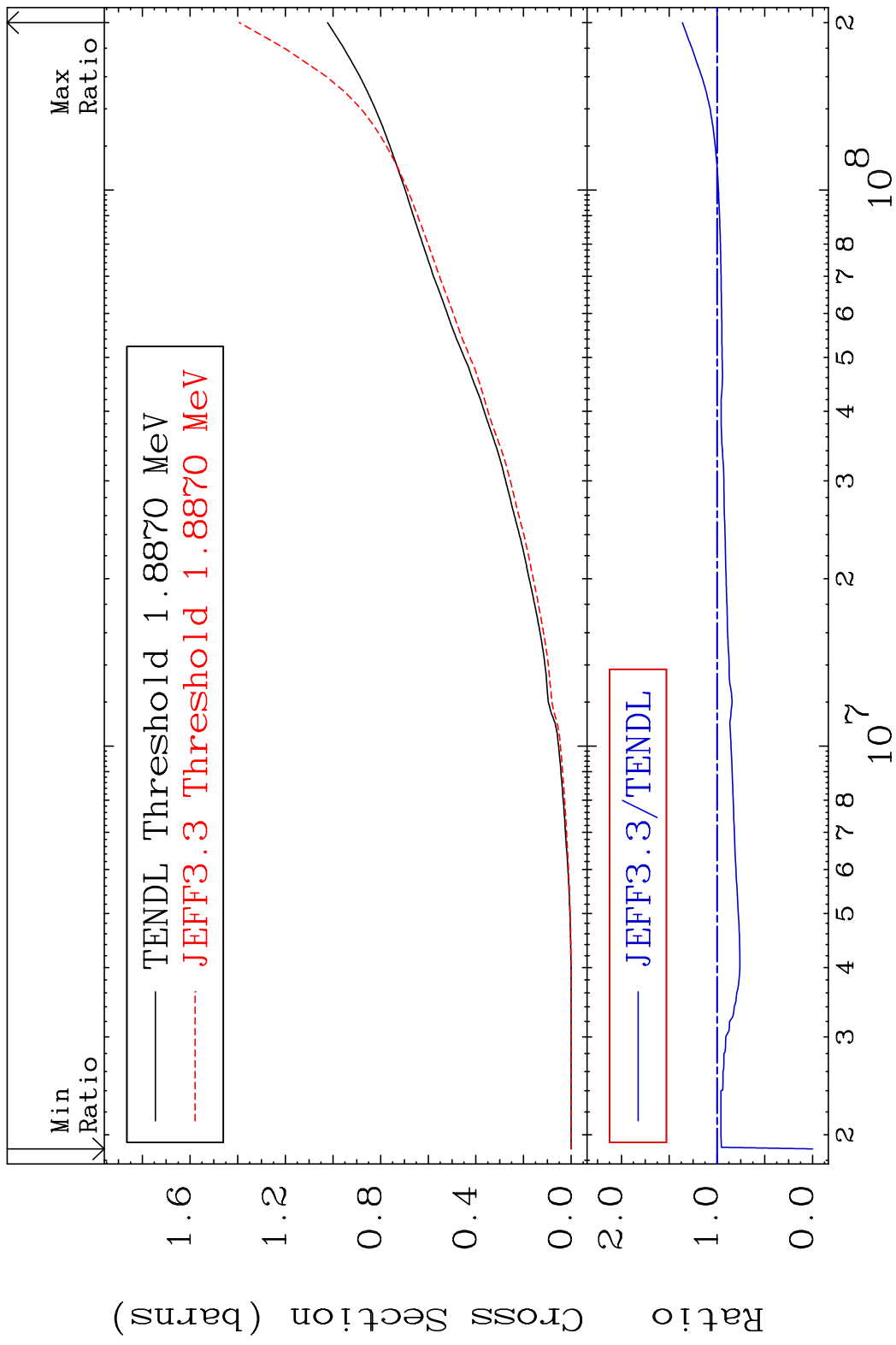
MAT 3031 (n,p) t 30-Zn-66
 Cross Section -100.0 To 131.9 %



MAT 3031 (n,d) α 30-Zn-66
 Cross Section -100.0 To 762.8 %

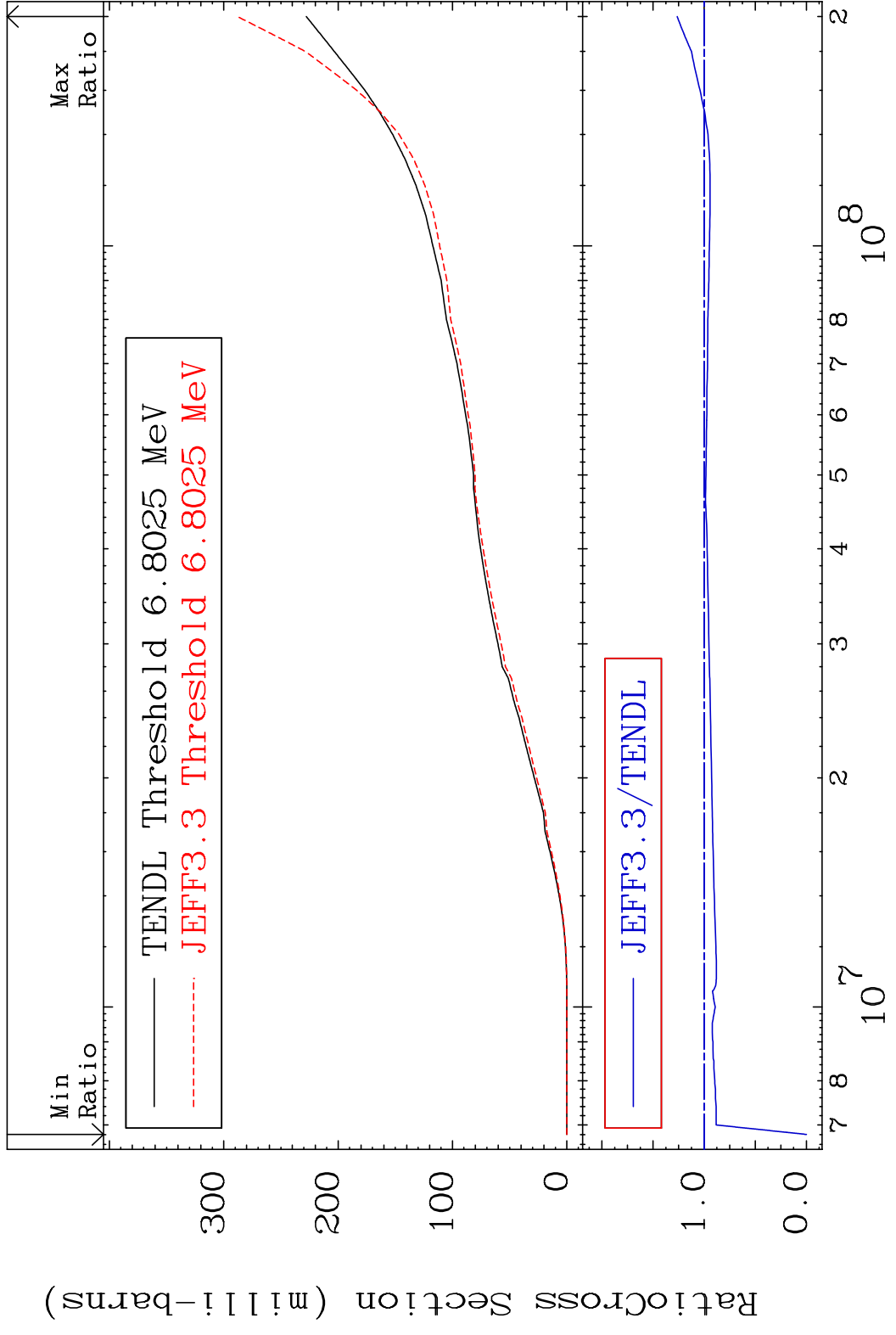


MAT 3031 Hydrogen Production 30-Zn-66
 Cross Section -100.0 To 36.23 %

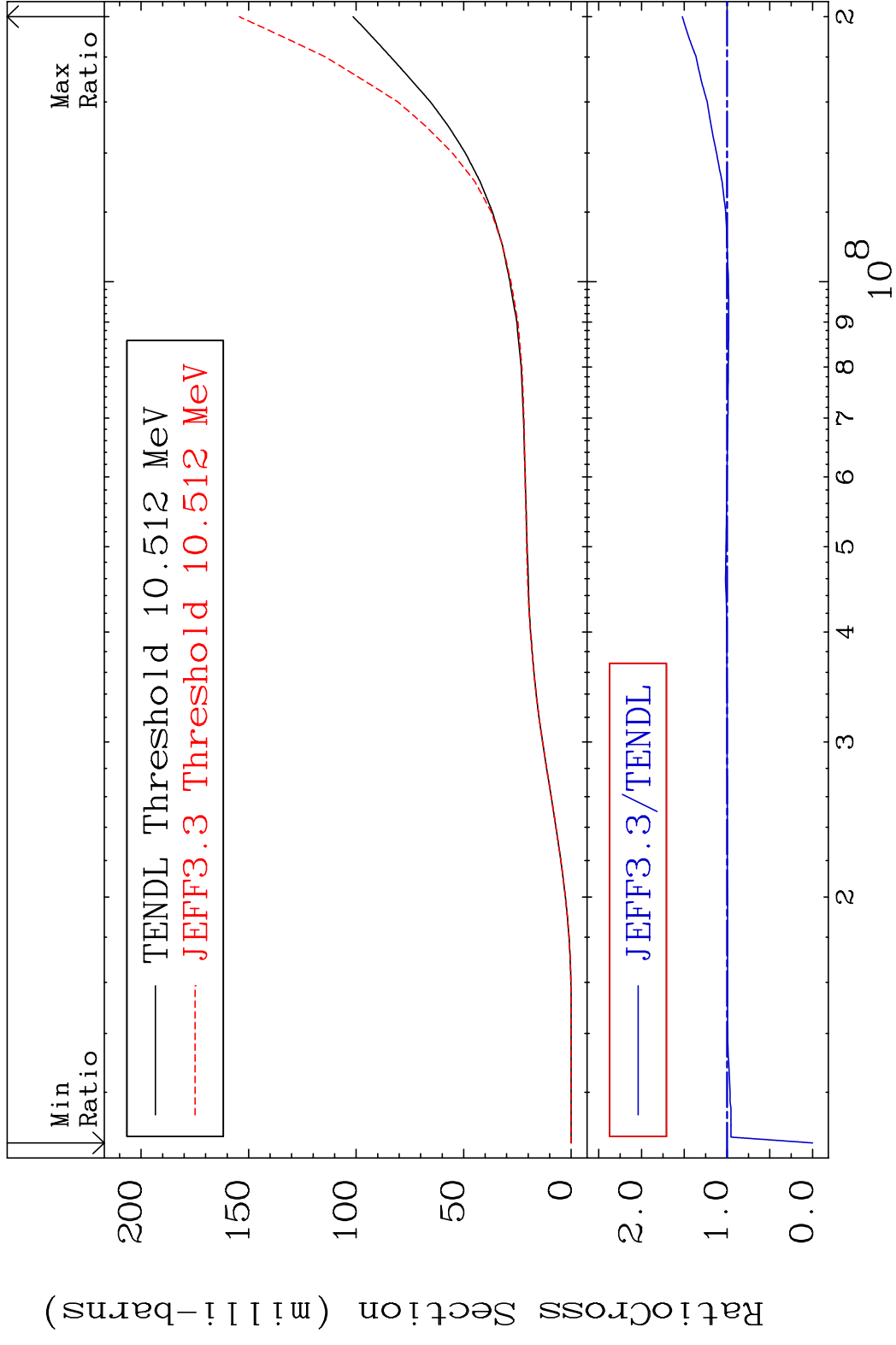


47 Incident Energy (eV) 30-Zn-66

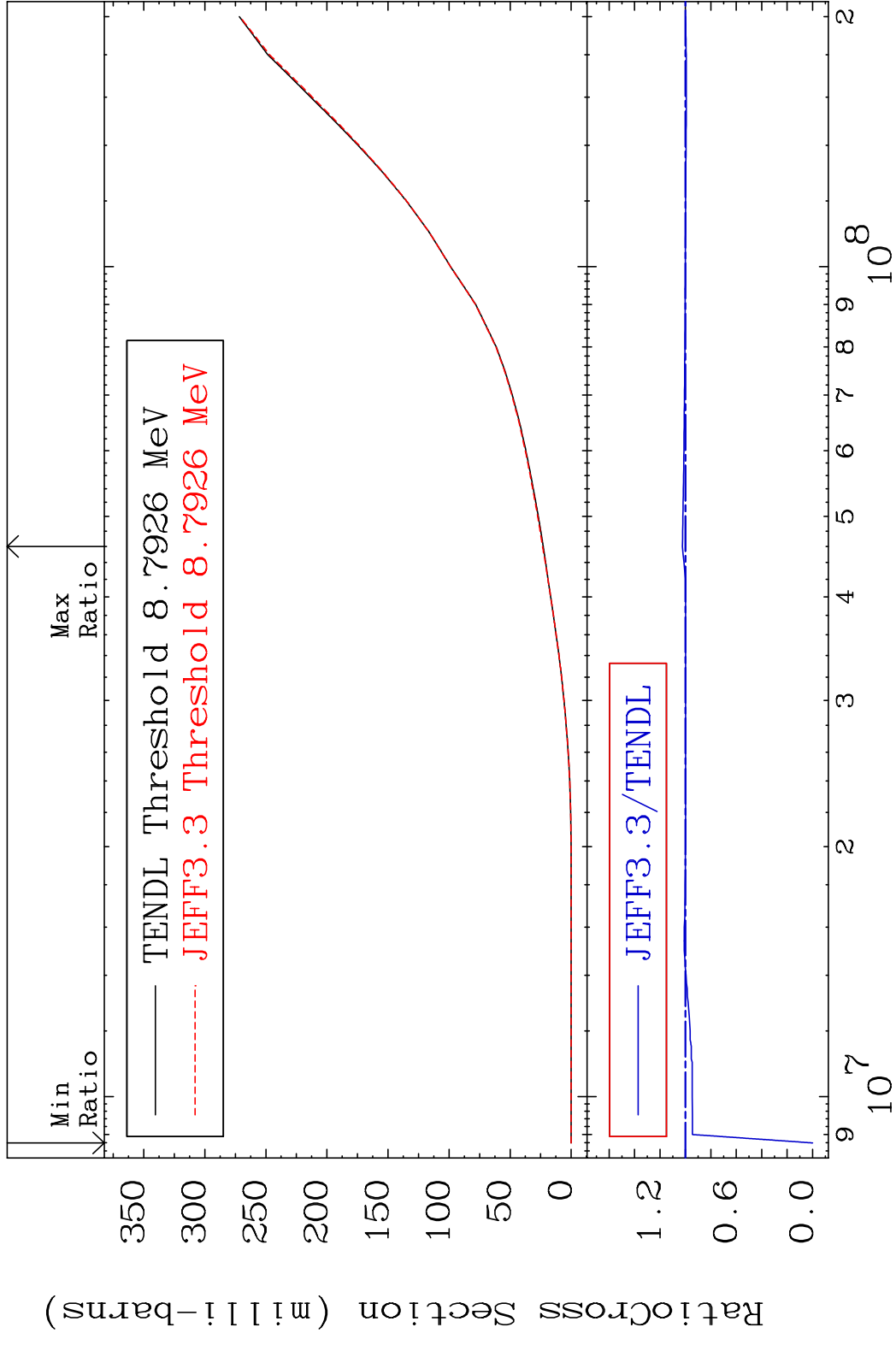
MAT 3031 Deuterium Production 30-Zn-66
 Cross Section -100.0 To 26.37 %



MAT 3031 Tritium Production 30-Zn-66
 Cross Section -100.0 To 52.25 %



MAT 3031 He-3 Production 30-Zn-66
 Cross Section -100.0 To 2.433 %



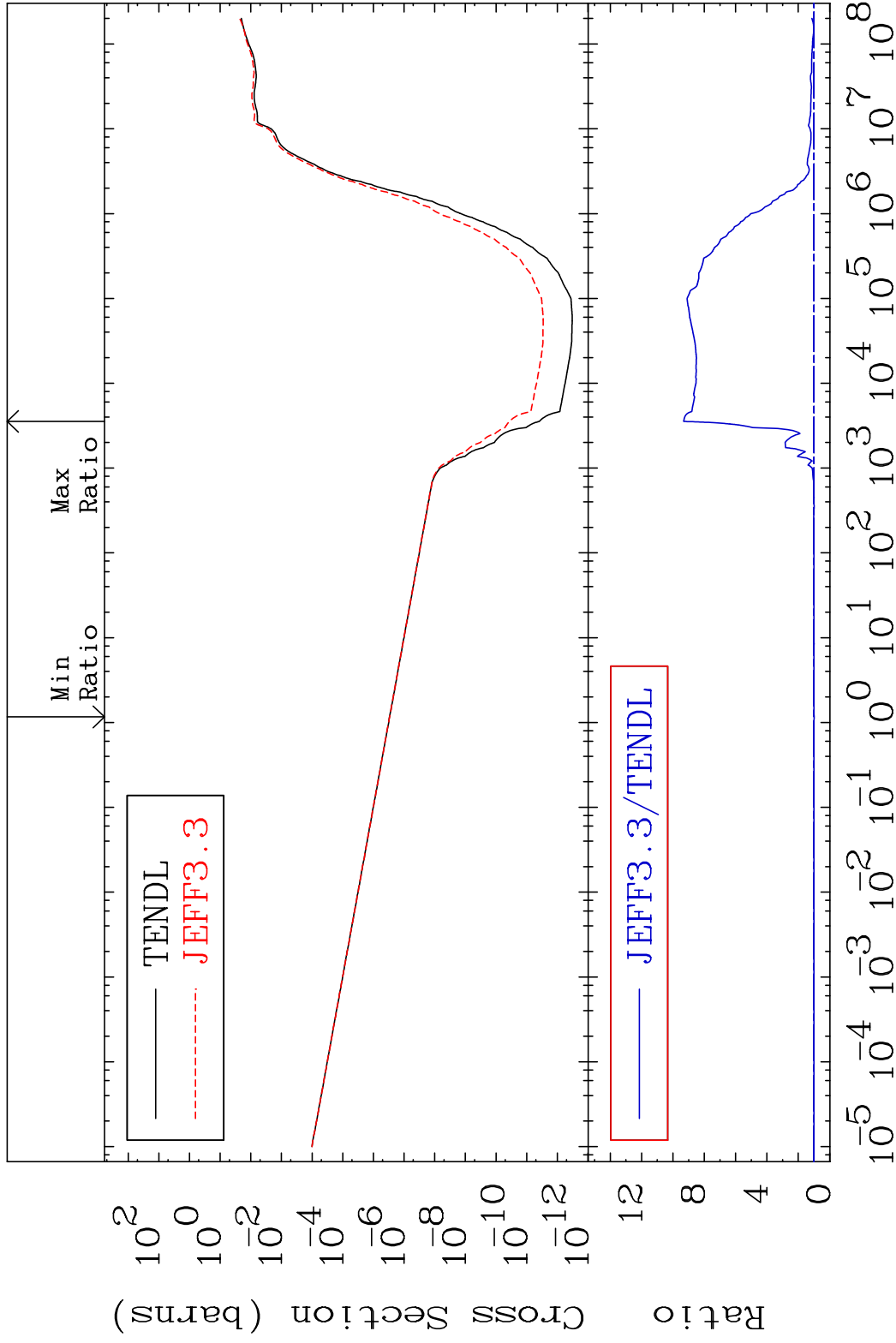
50 Incident Energy (eV) 30-Zn-66

MAT 3031

He-4 Production

30-Zn-66

Cross Section -1.079 To 831.7 %

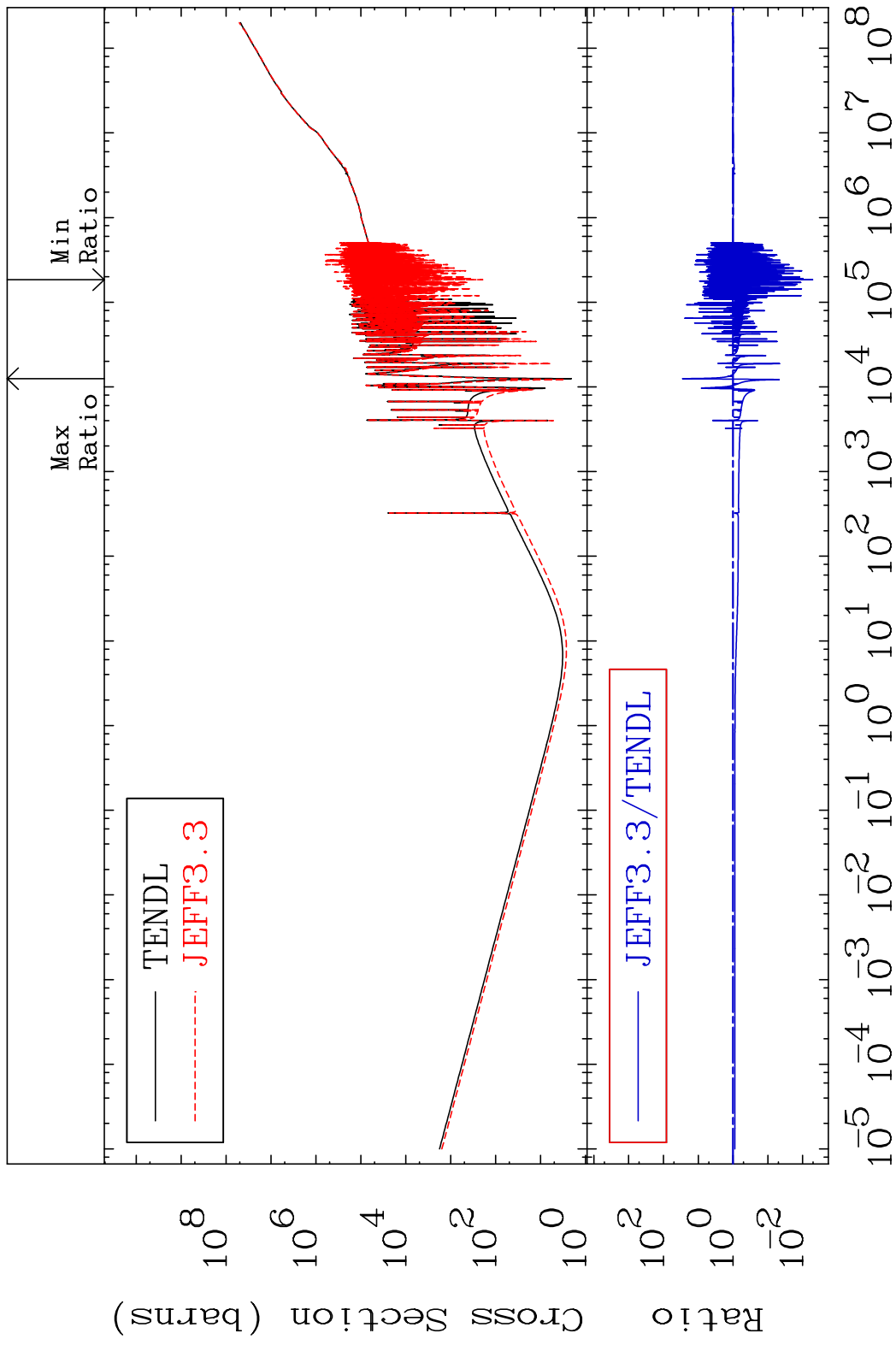


51

Incident Energy (eV)

30-Zn-66

MAT 3031 Kerma total (eV-barns) 30-Zn-66
 Cross Section -99.48 To 2763. %

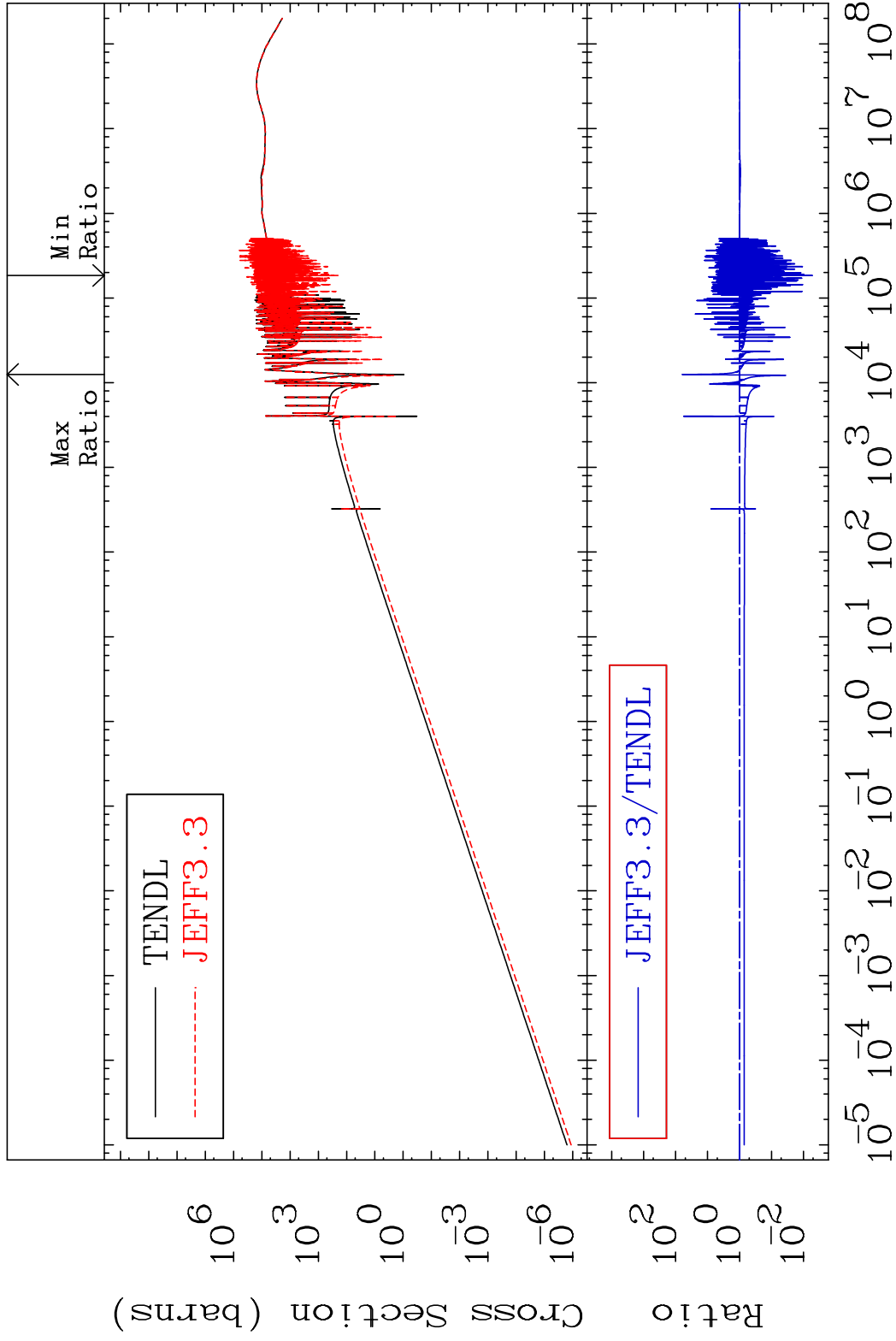


52 Incident Energy (eV) 30-Zn-66

MAT 3031

Kerma elastic
Cross Section

30-Zn-66
-99.48 To 6057. %

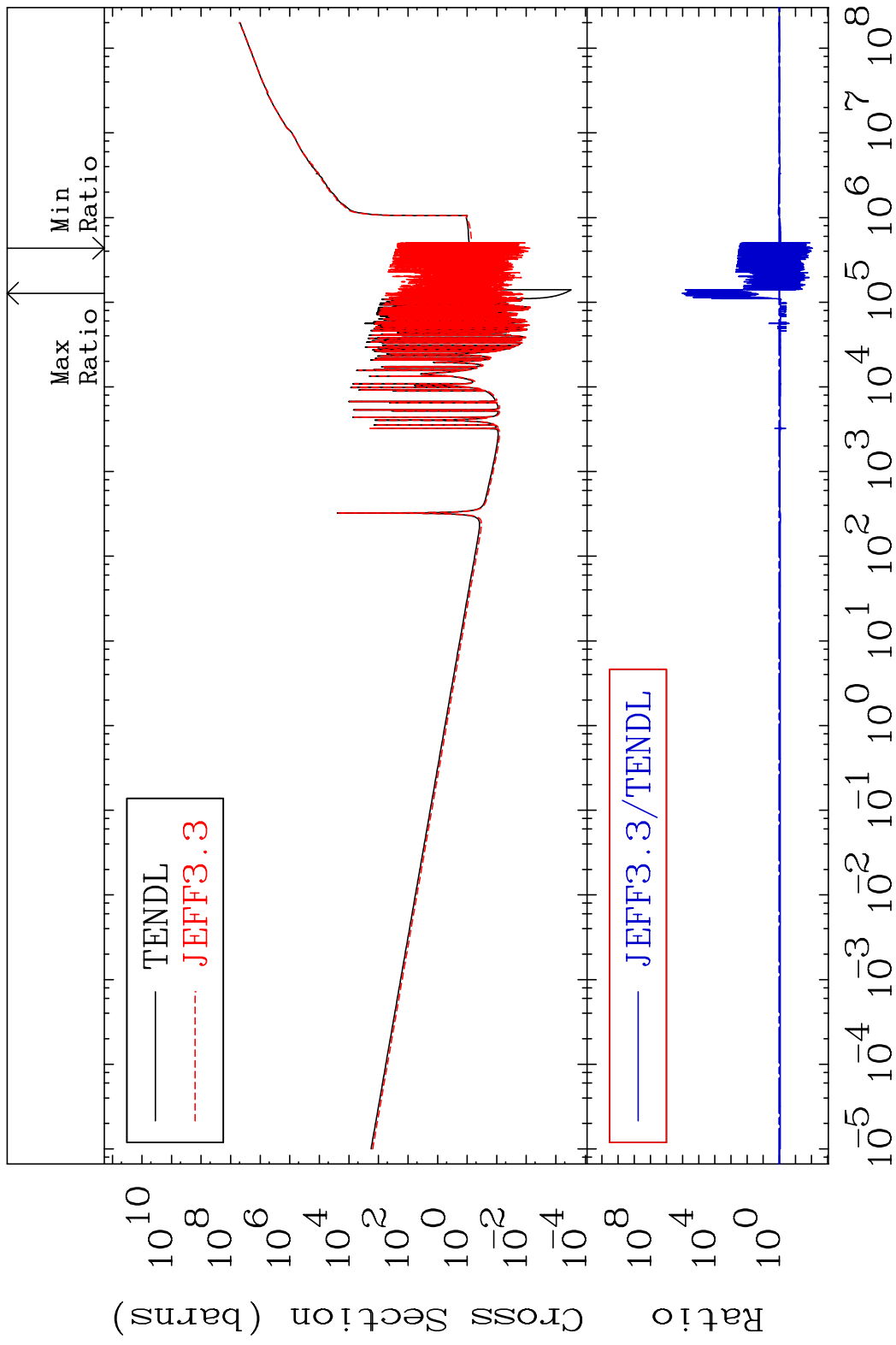


53

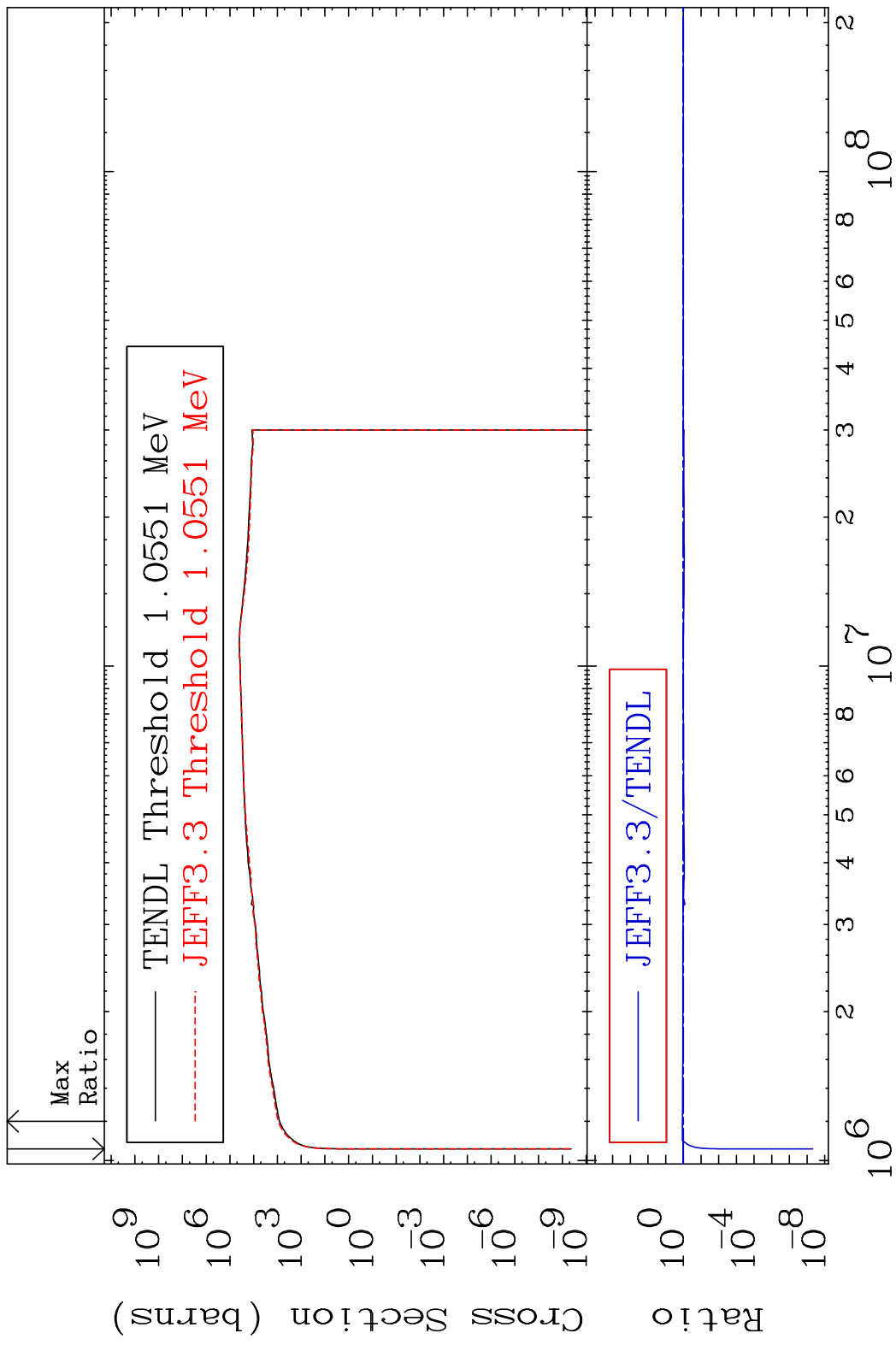
Incident Energy (eV)

30-Zn-66

MAT 3031 Kerma non-elastic (all but mt2) 30-Zn-66
 Cross Section -99.13 To 9999. %

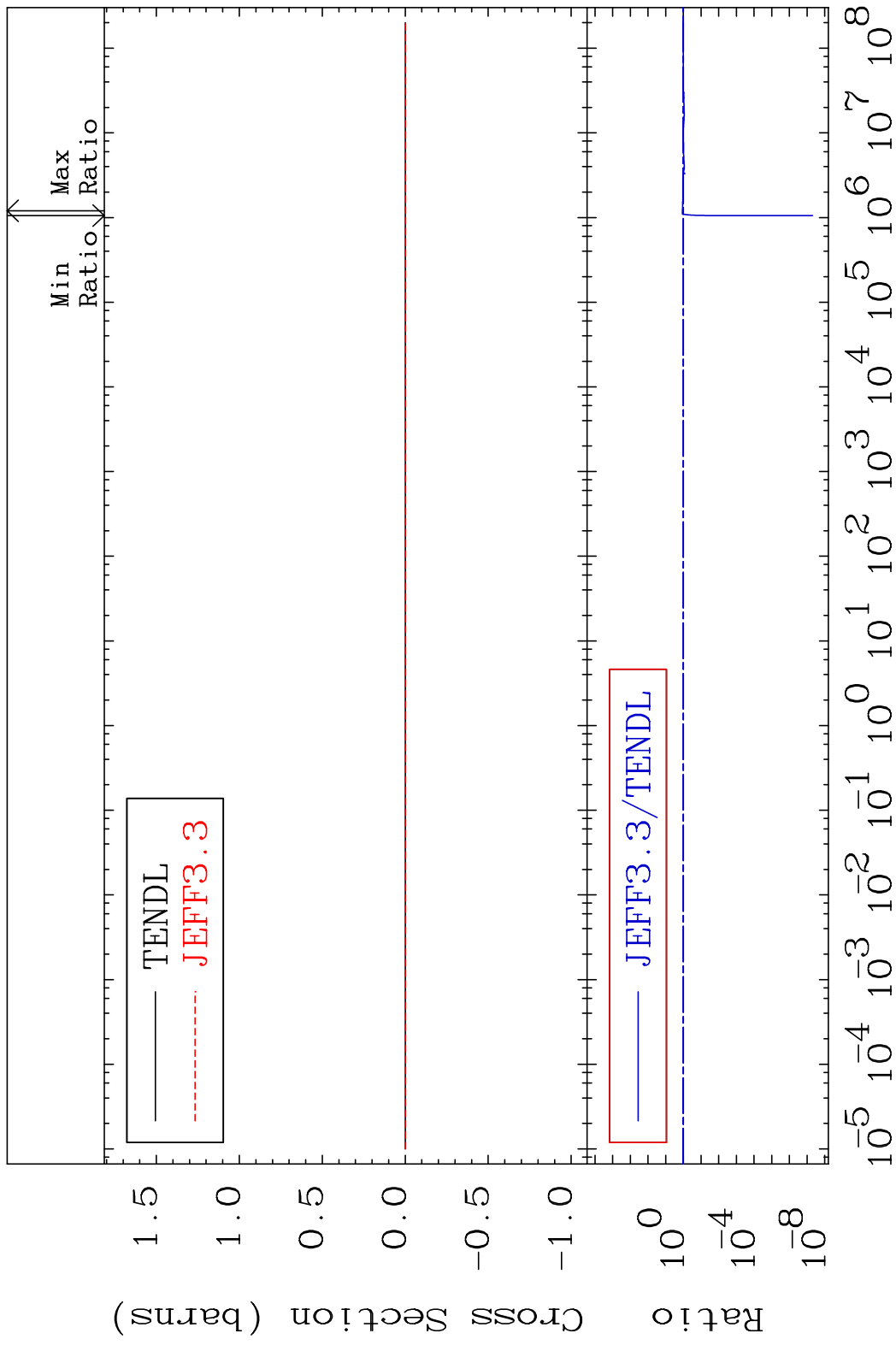


MAT 3031 Kerma inelastic (mt51-91) 30-Zn-66
 Cross Section -100.0 To 14.58 %



55 Incident Energy (eV) 30-Zn-66

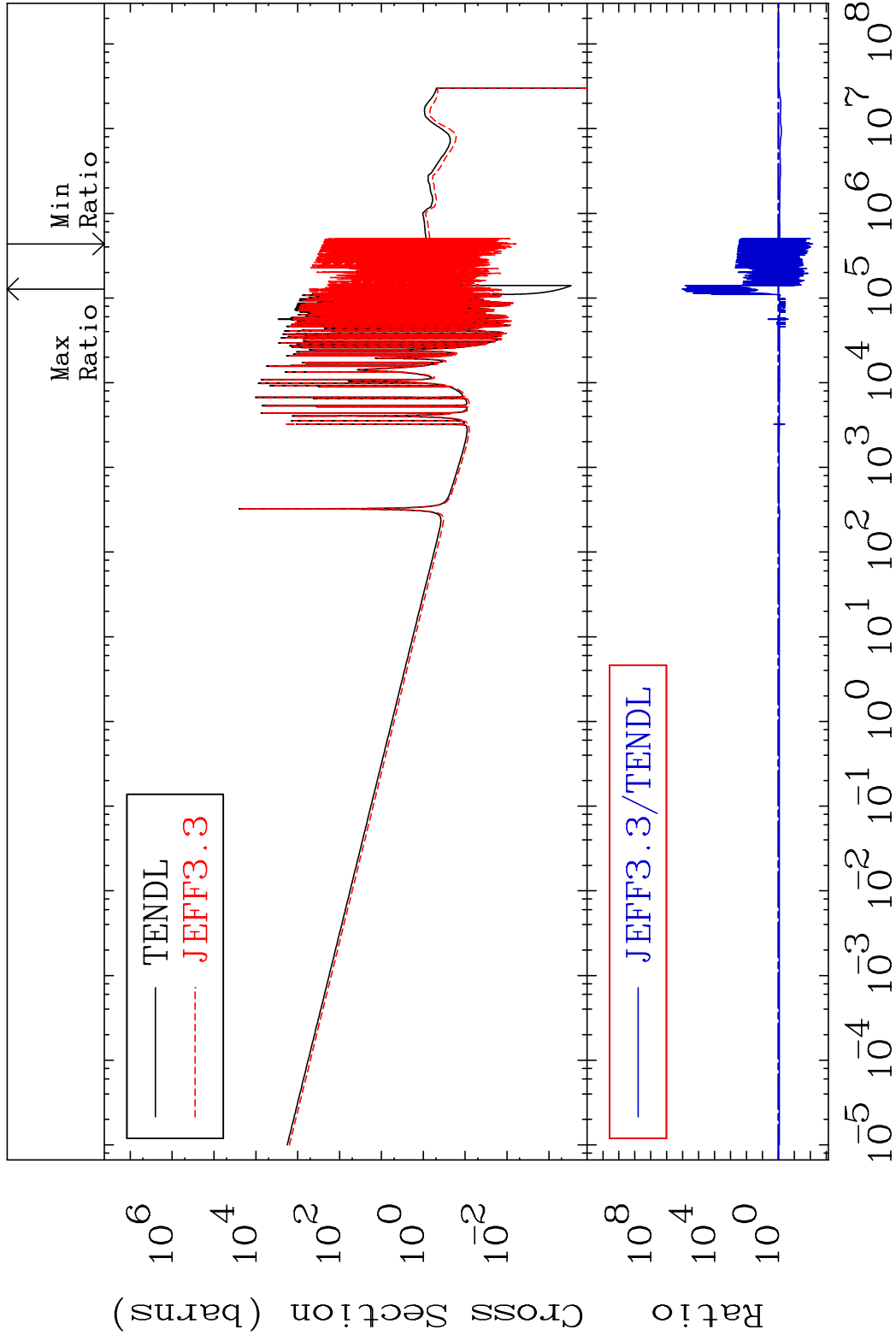
MAT 3031 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-66
 Cross Section -100.0 To 14.58 %



MAT 3031

Kerma capture (mt102) 30-Zn-66

Cross Section -99.27 To 9999. %



57

Incident Energy (eV)

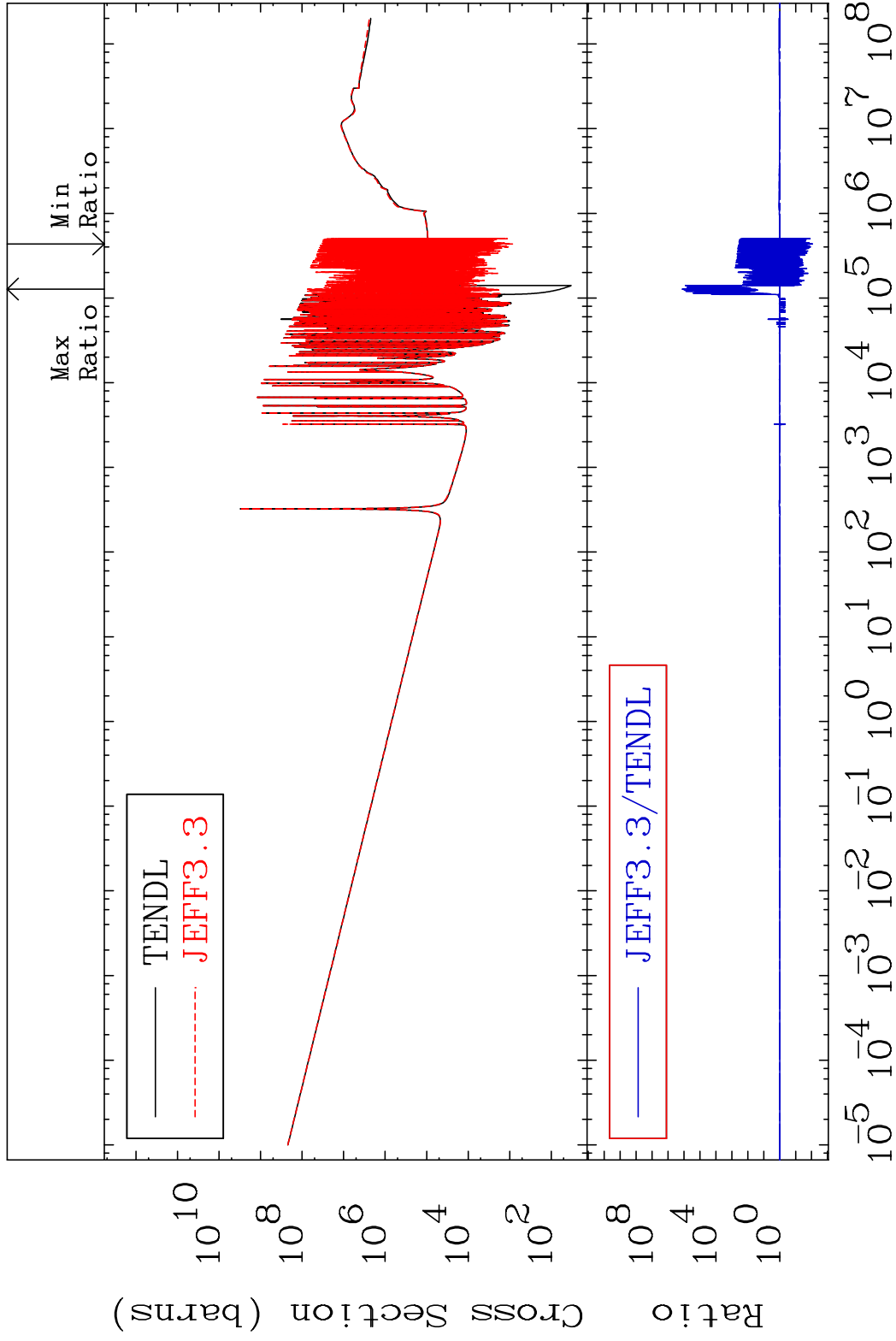
30-Zn-66

MAT 3031

Total photon (eV-barns)

30-Zn-66

Cross Section -99.13 To 9999. %

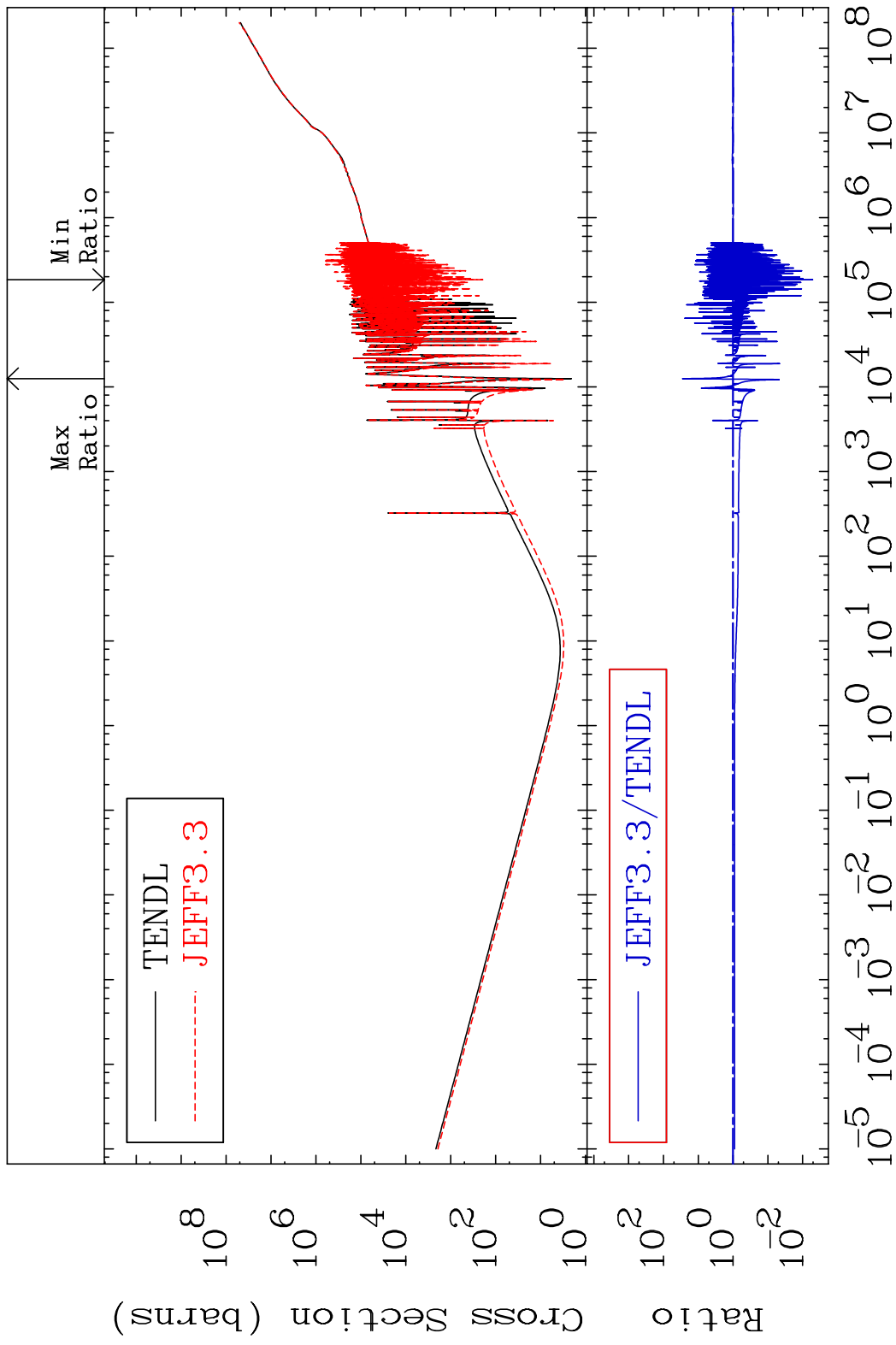


58

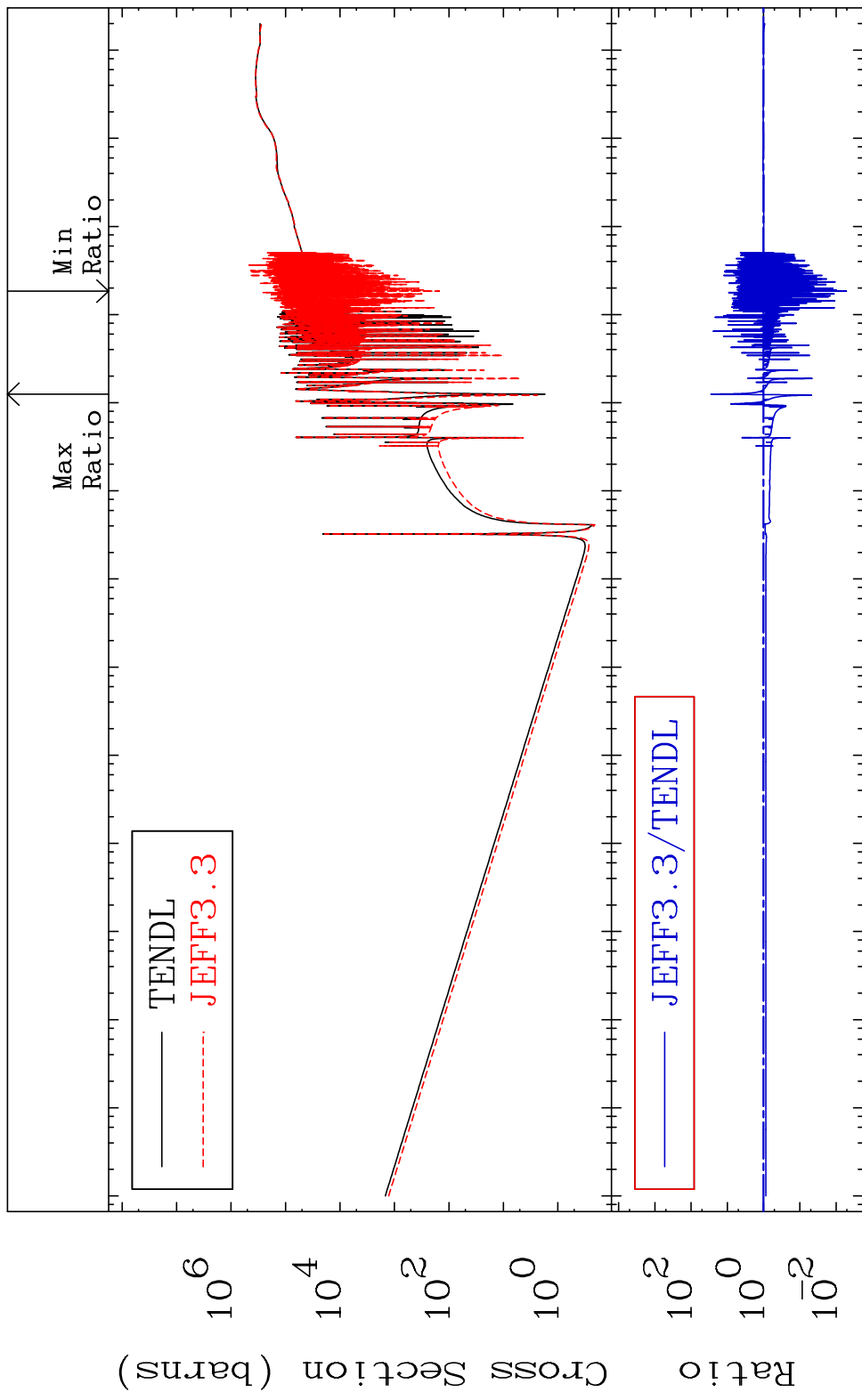
Incident Energy (eV)

30-Zn-66

MAT 3031 Total kinematic kerma (high limit) 30-Zn-66
 Cross Section -99.48 To 2763. %



MAT 3031 Dpa total (eV-barns) 30-Zn-66
 Cross Section -99.48 To 2783. %



60 Incident Energy (eV) 30-Zn-66

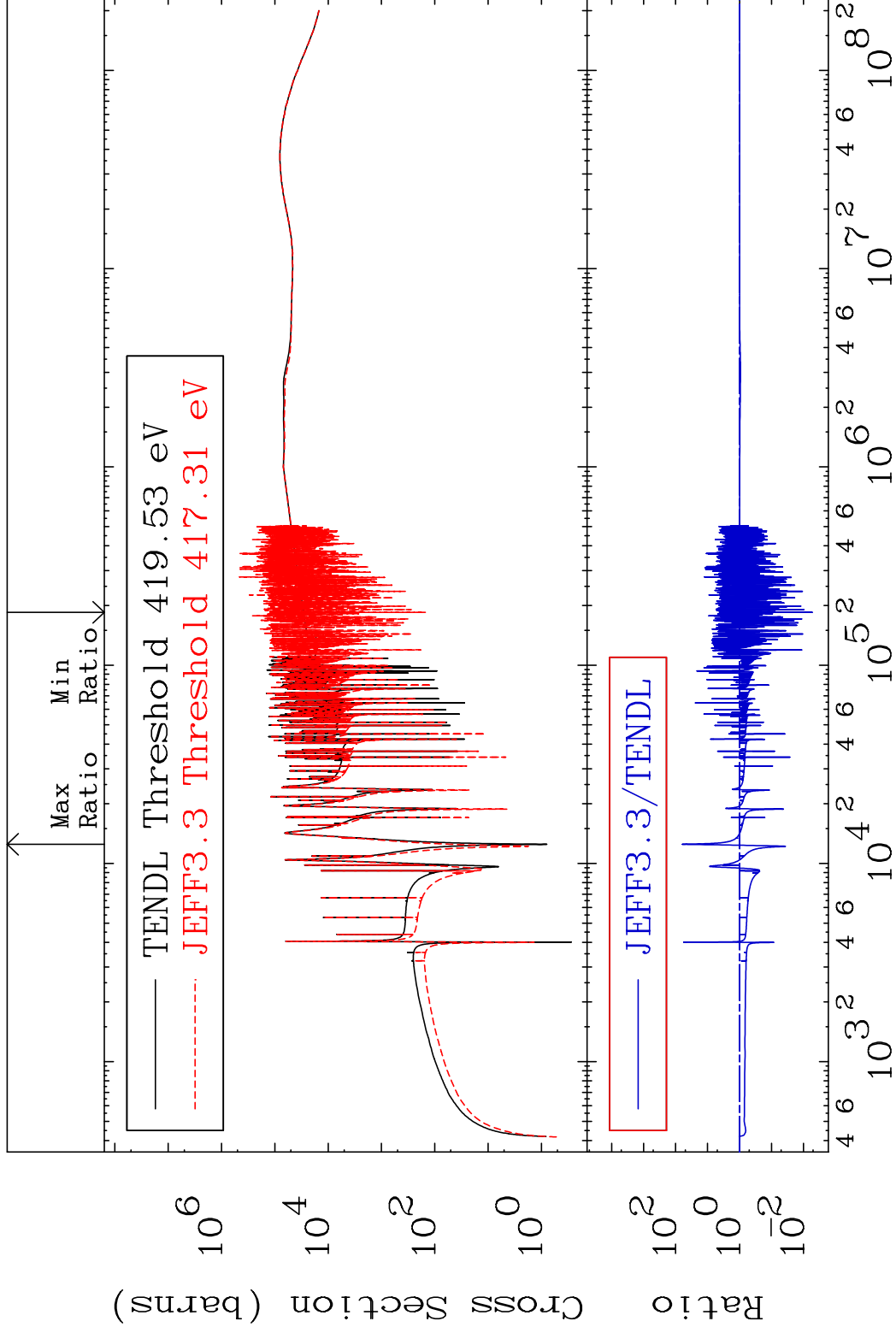
MAT 3031

Dpa elastic (mt2)

30-Zn-66

Cross Section

-99.48 To 6057. %

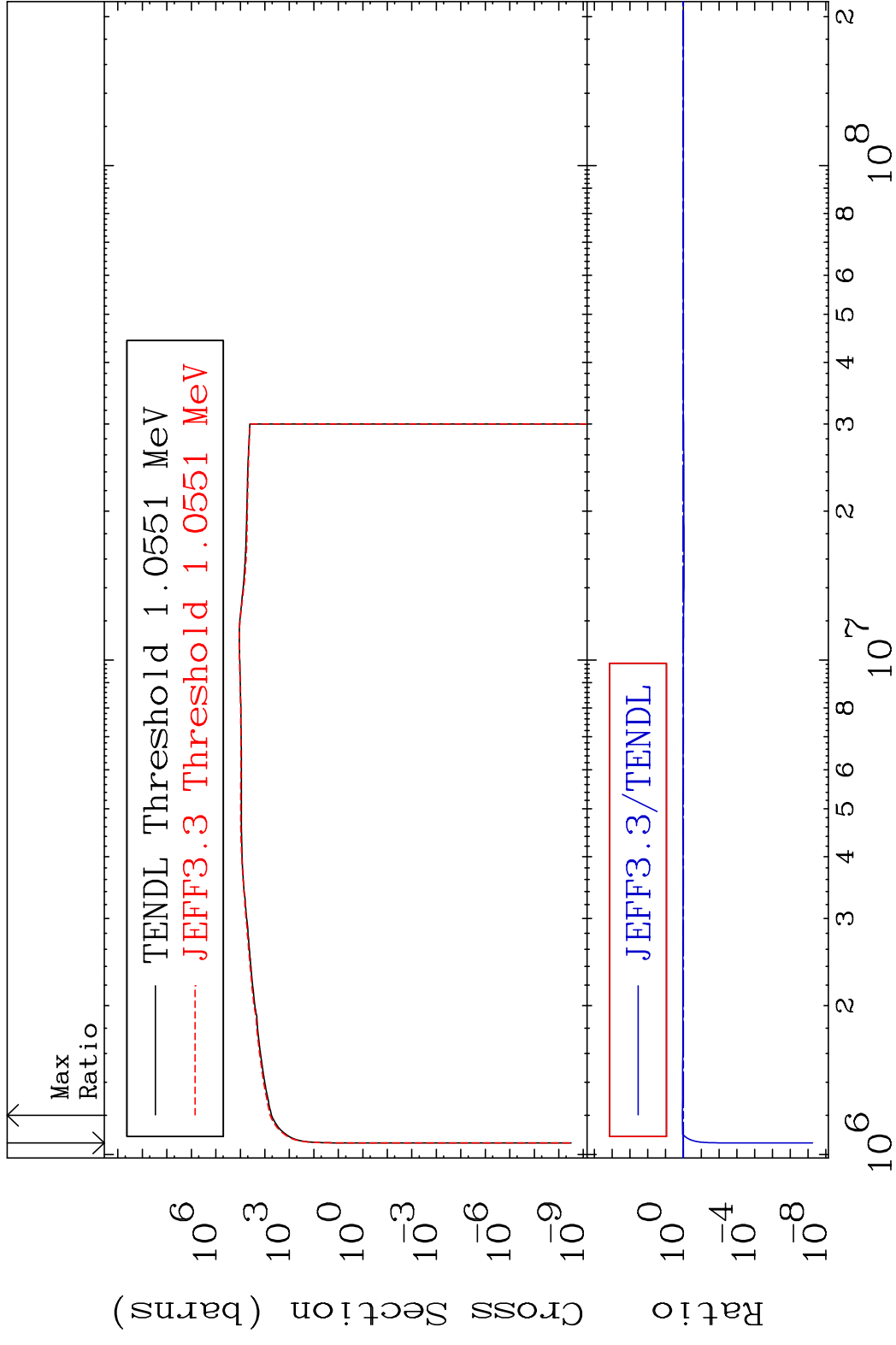


61

Incident Energy (eV)

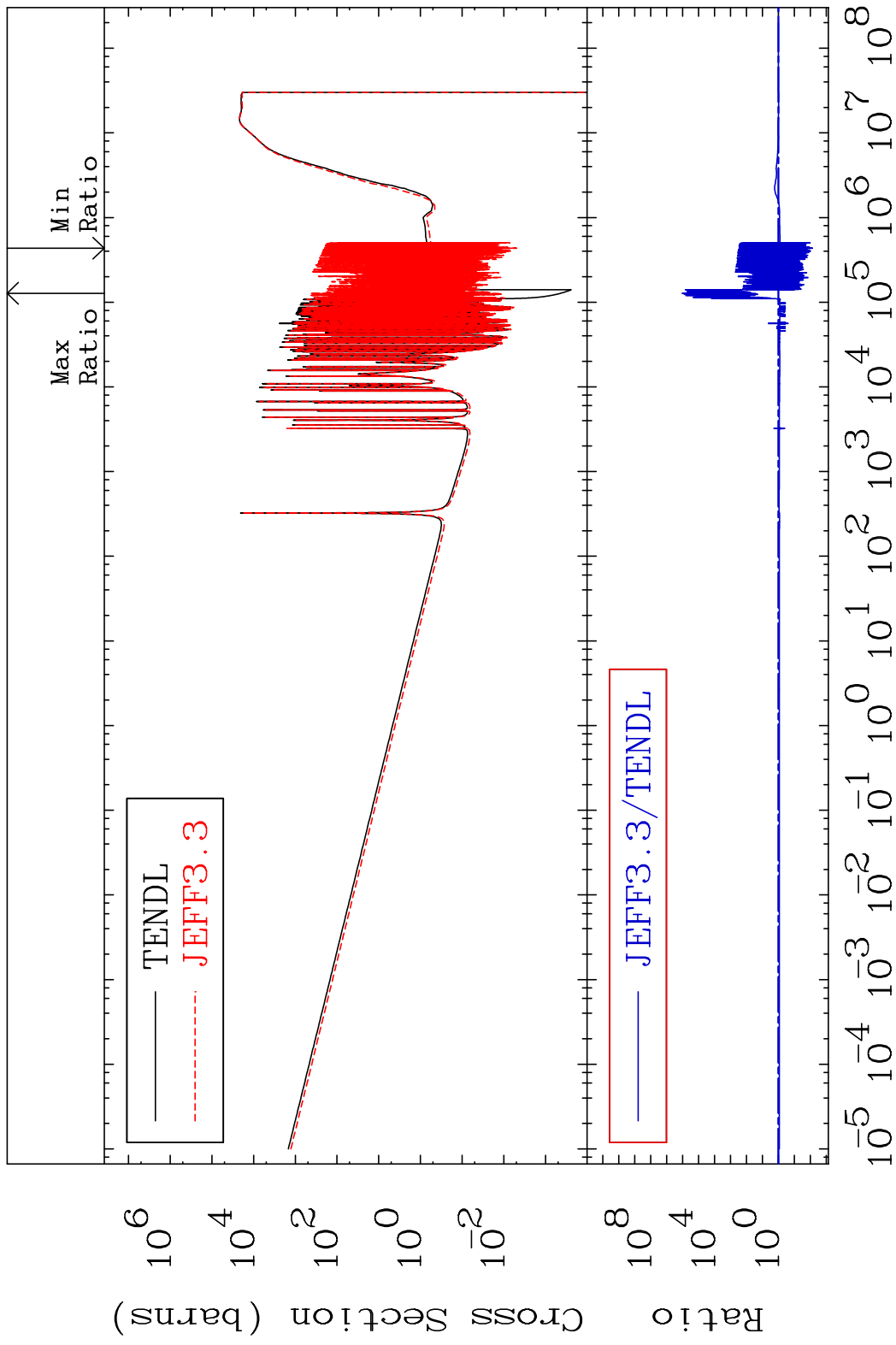
30-Zn-66

MAT 3031 Dpa inelastic (mt51-91) 30-Zn-66
 Cross Section -100.0 To 14.59 %

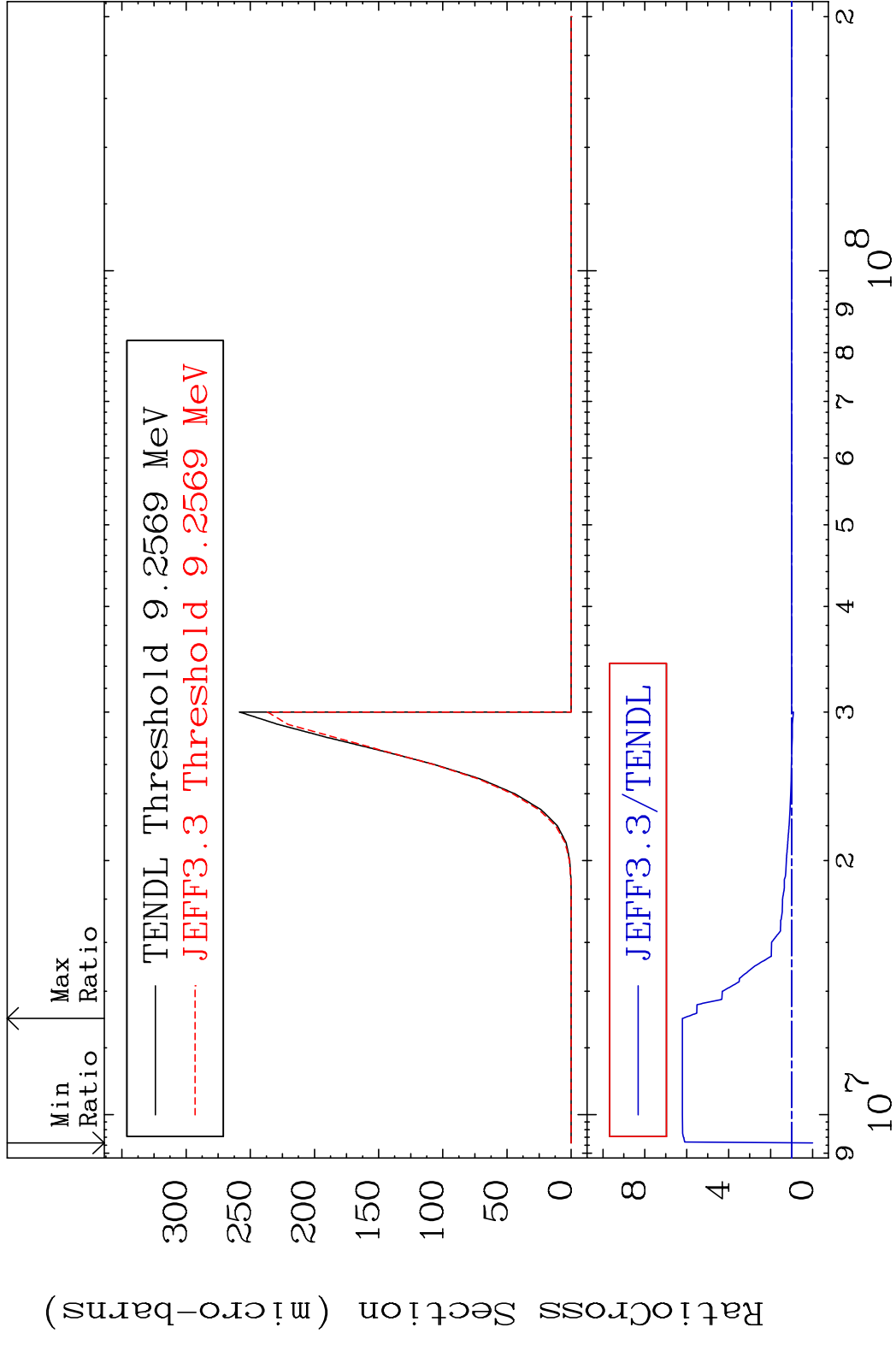


62 Incident Energy (eV) 30-Zn-66

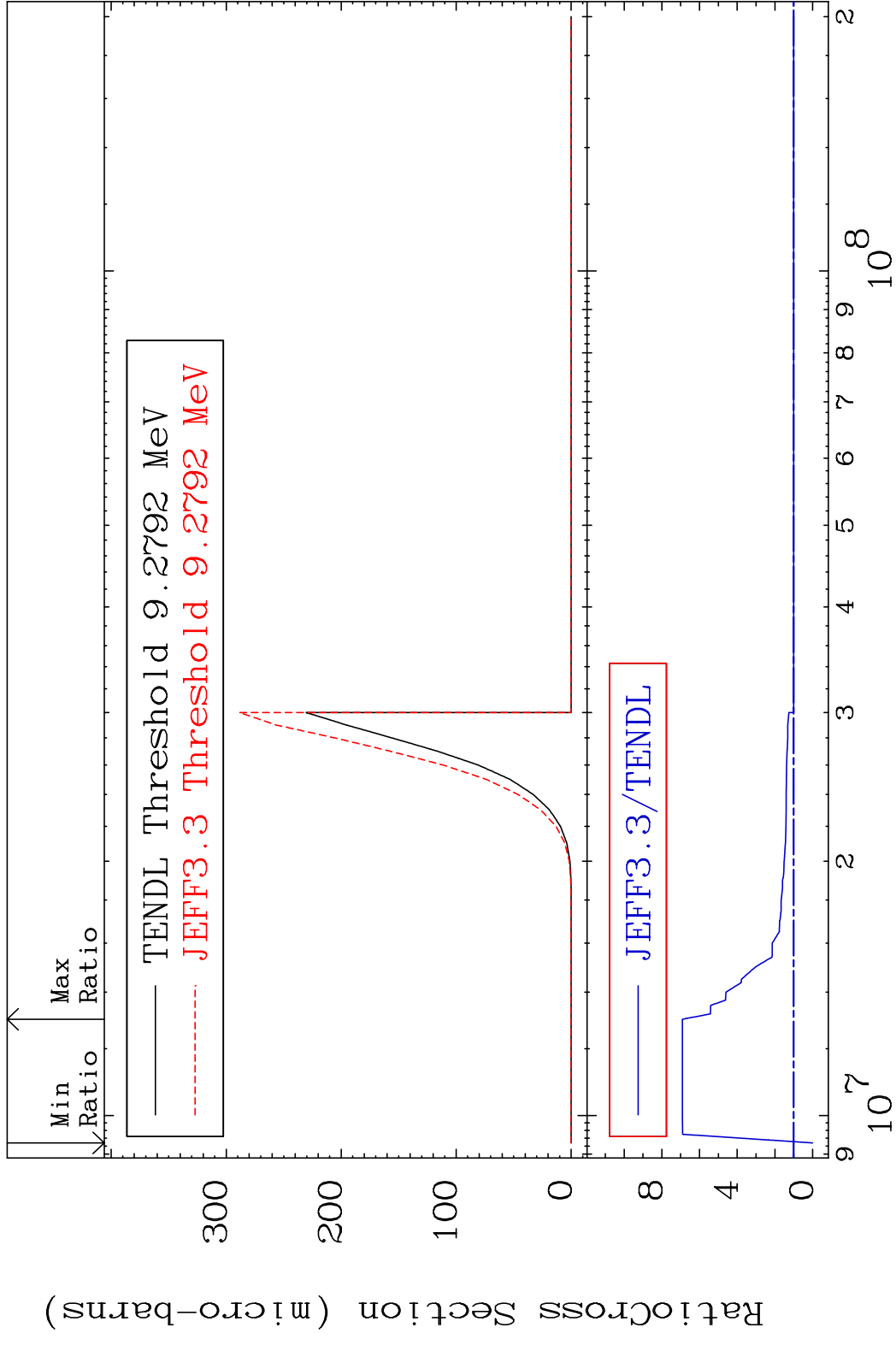
MAT 3031 Dpa disappearance (mt102 -120) 30-Zn-66
 Cross Section -99.28 To 9999. %



MAT 3031 (n,p) α :27-Co-62g 30-Zn-66
 Radionuclide Production Cross Section 180.01 dth 521.1 %



MAT 3031 (n,p) α :27-Co-62m1 30-Zn-66
 Radionuclide Production Cross Section 180.0 dth 591.1 %



65

Incident Energy (eV)

30-Zn-66