

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

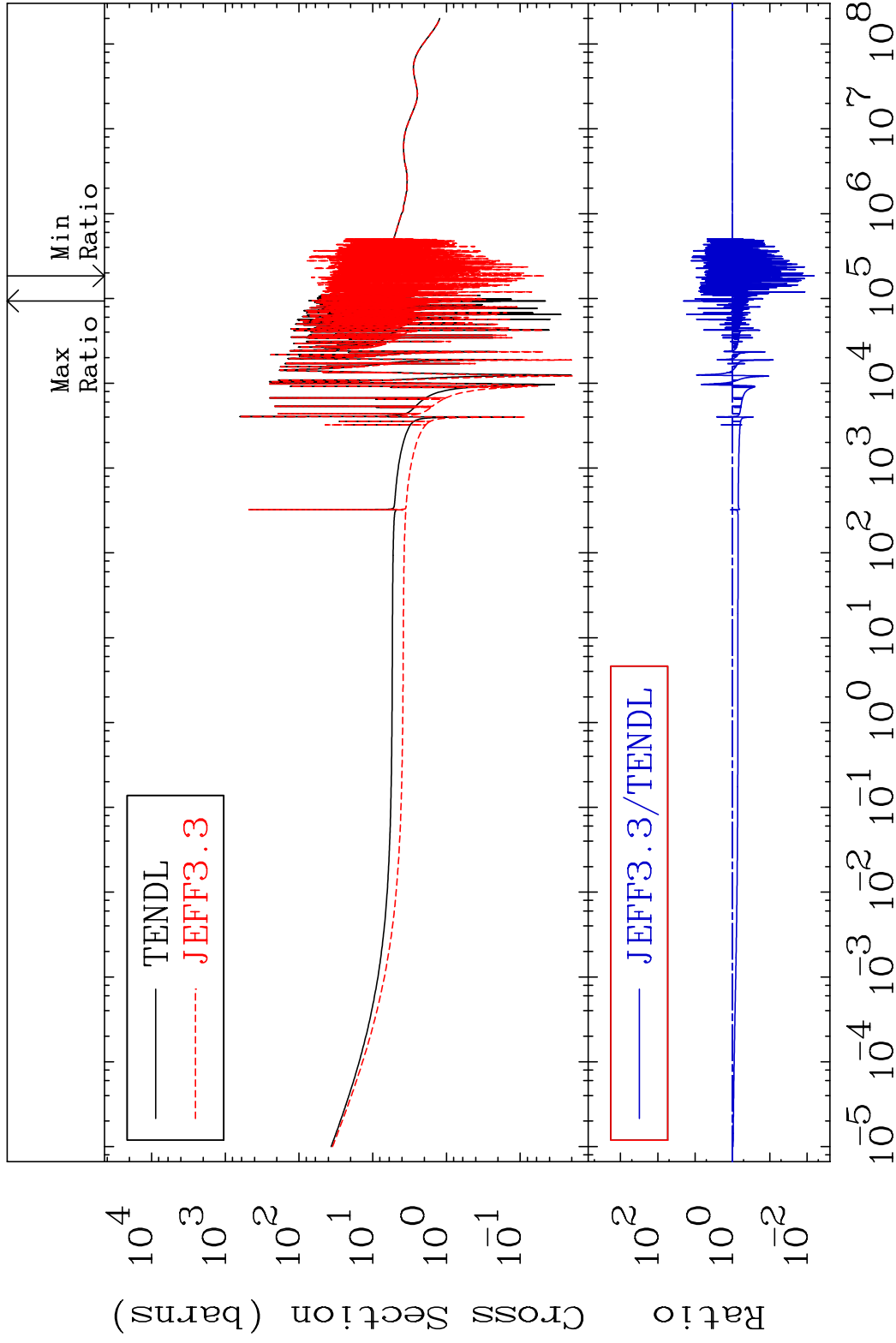
MAT 3031

Total

30-Zn-66

Cross Section

-99.35 To 1927. %



1

Incident Energy (eV)

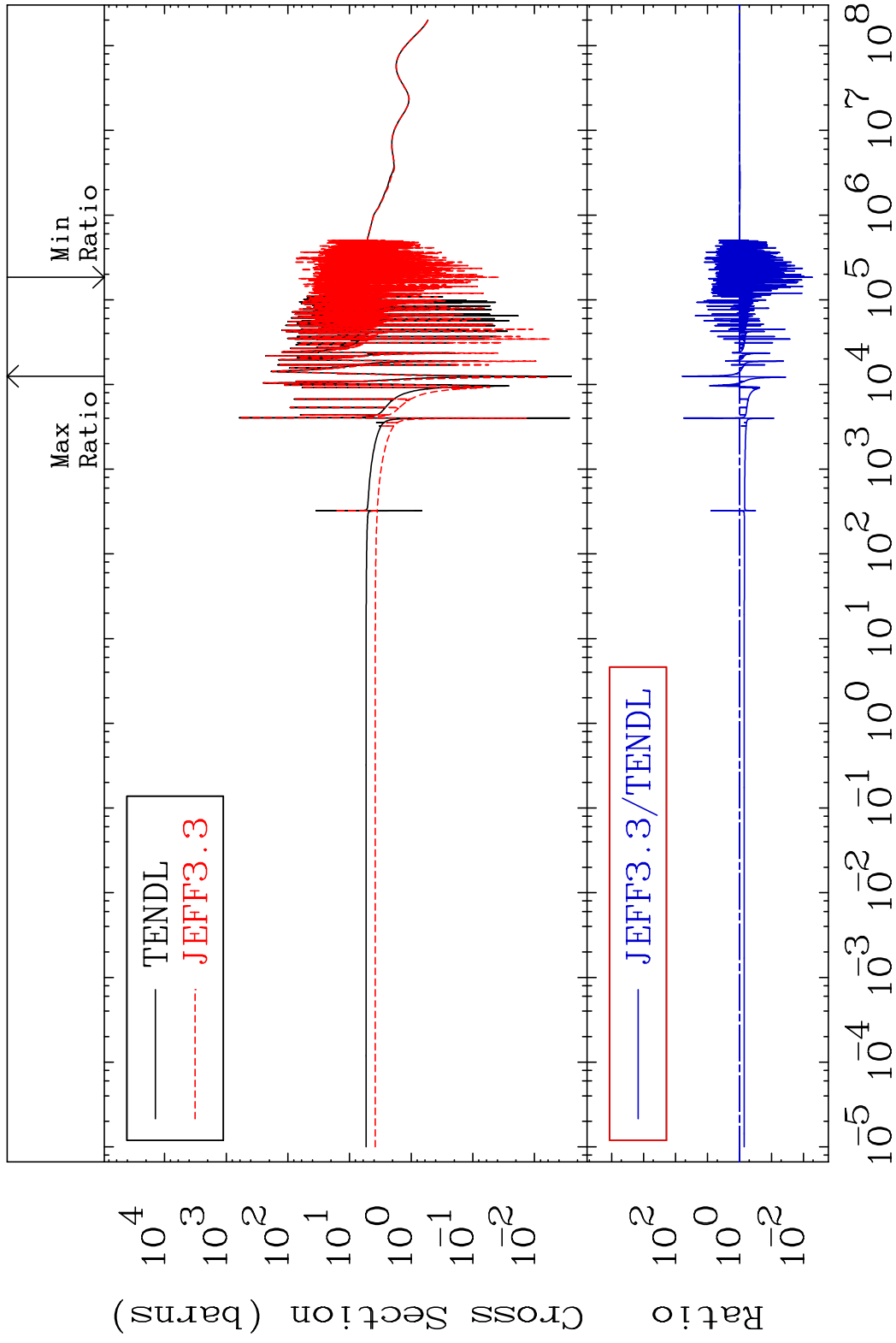
30-Zn-66

MAT 3031

Elastic

30-Zn-66

Cross Section -99.48 To 6057. %

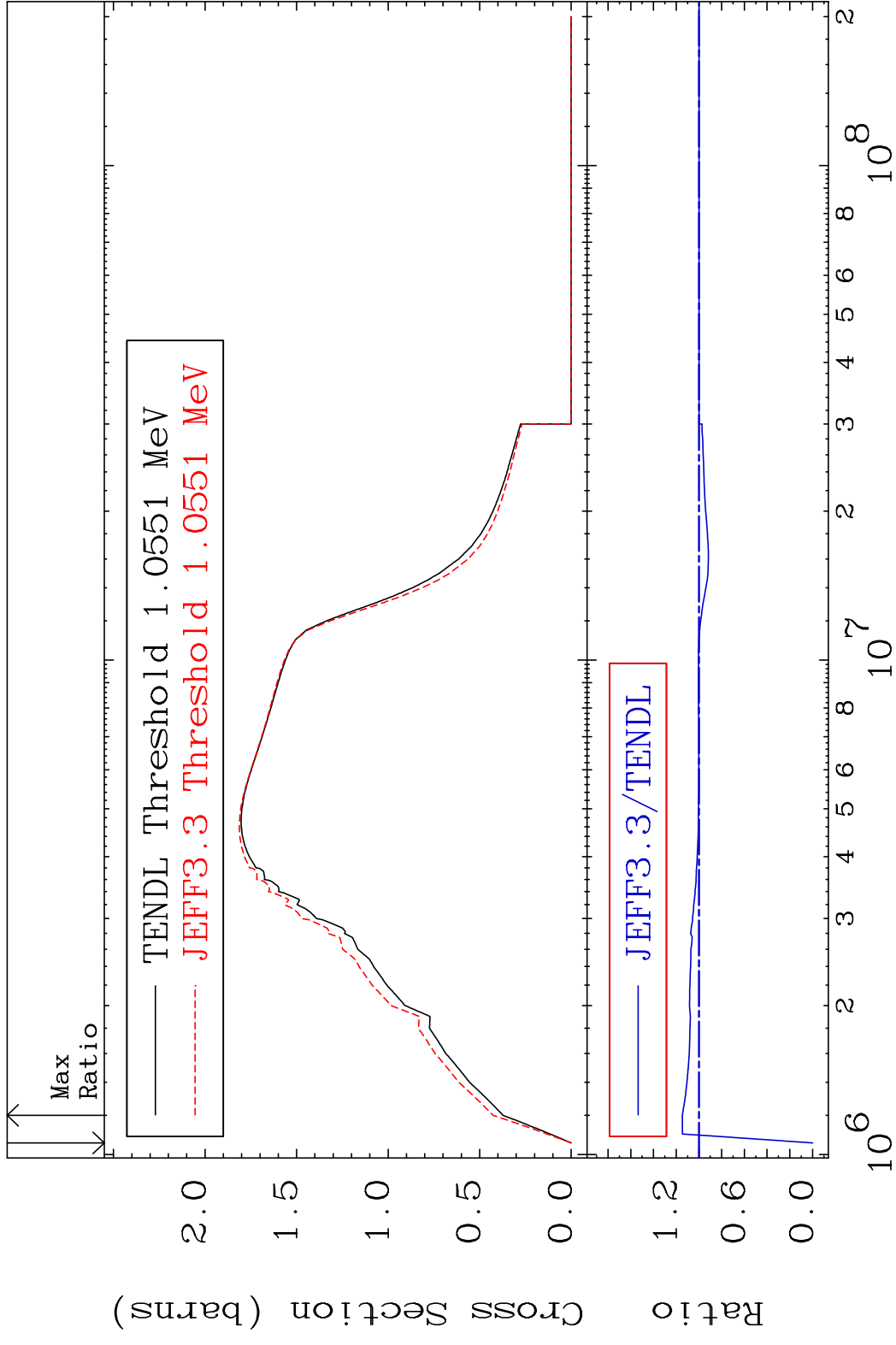


2

Incident Energy (eV)

30-Zn-66

MAT 3031 Inelastic Cross Section -100.0 To 14.59 % 30-Zn-66



3 Incident Energy (eV) 30-Zn-66

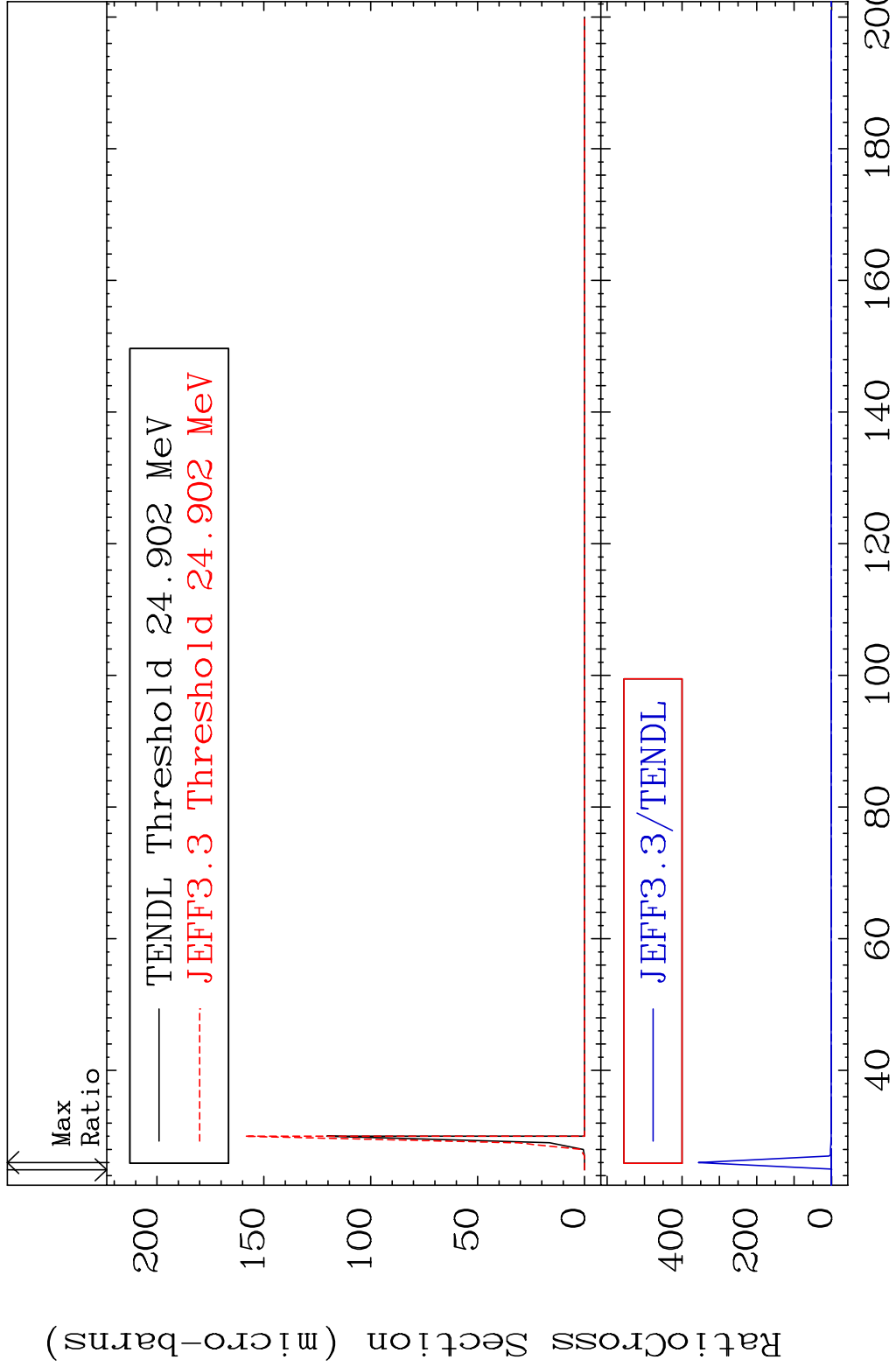
MAT 3031

(n,2n) d

30-Zn-66

Cross Section

-100.0 To 9999. %

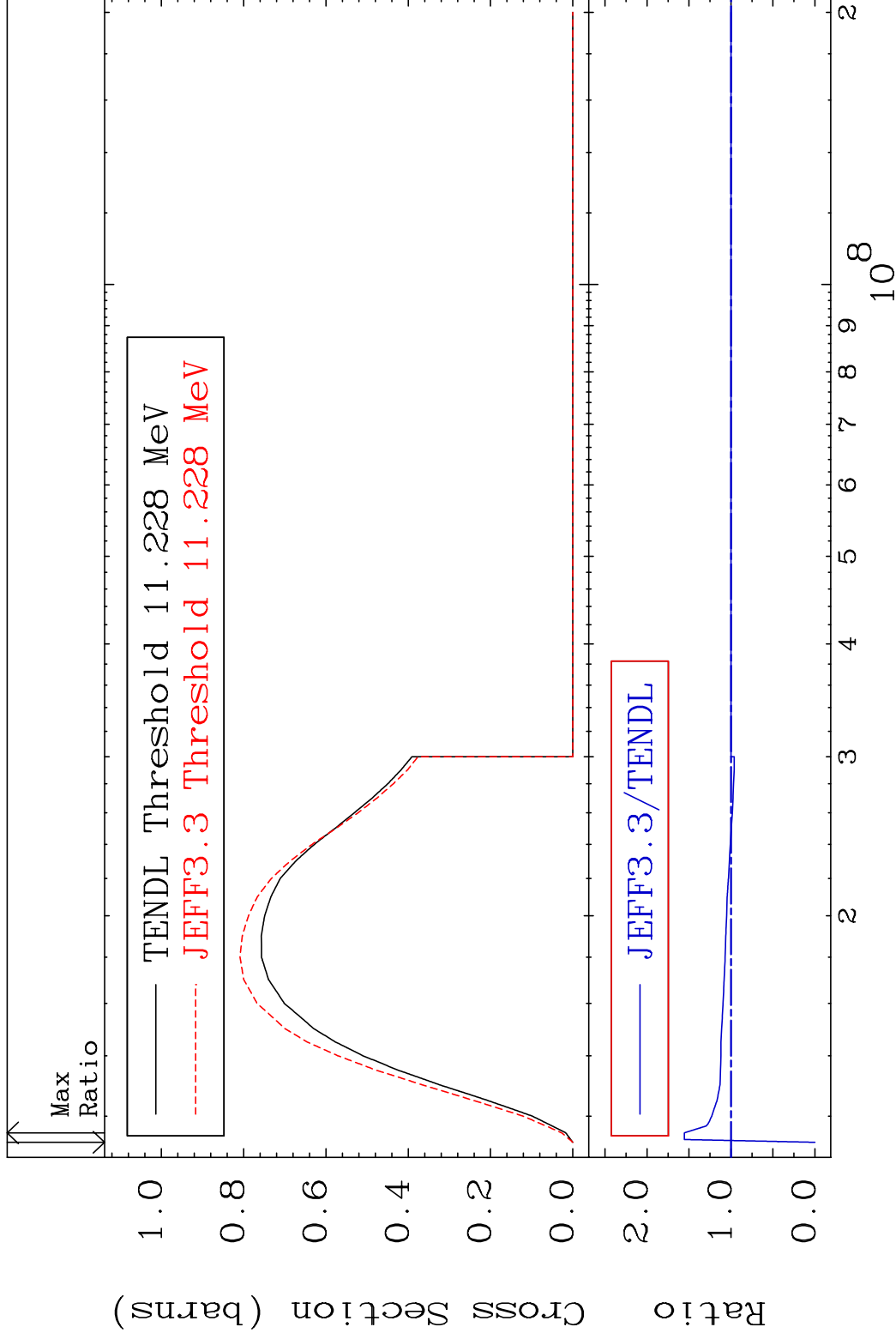


MAT 3031

(n,2n)

30-Zn-66

Cross Section -100.0 To 55.58 %

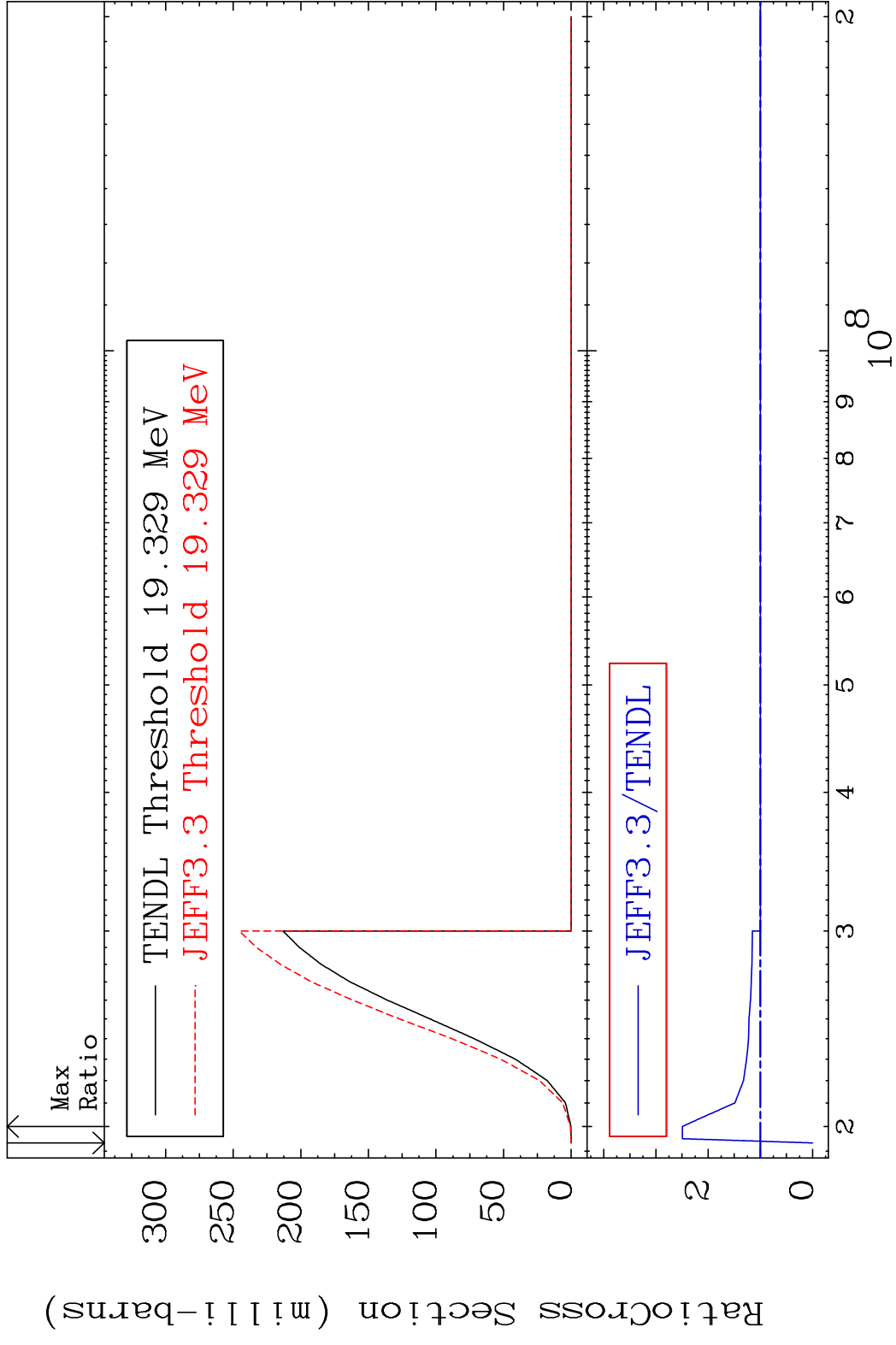


5

Incident Energy (eV)

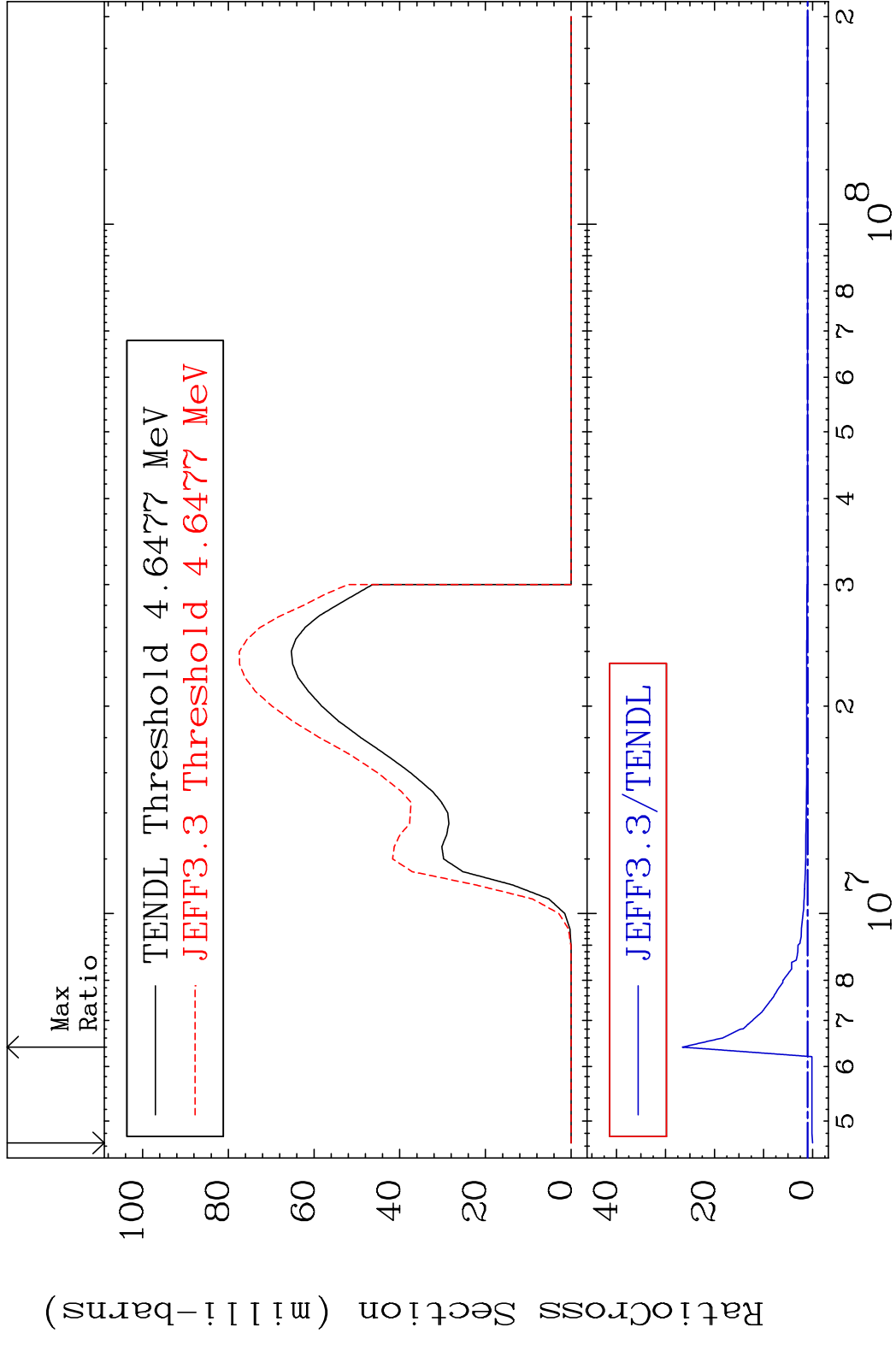
30-Zn-66

MAT 3031 (n,3n) 30-Zn-66
 Cross Section -100.0 To 149.4 %



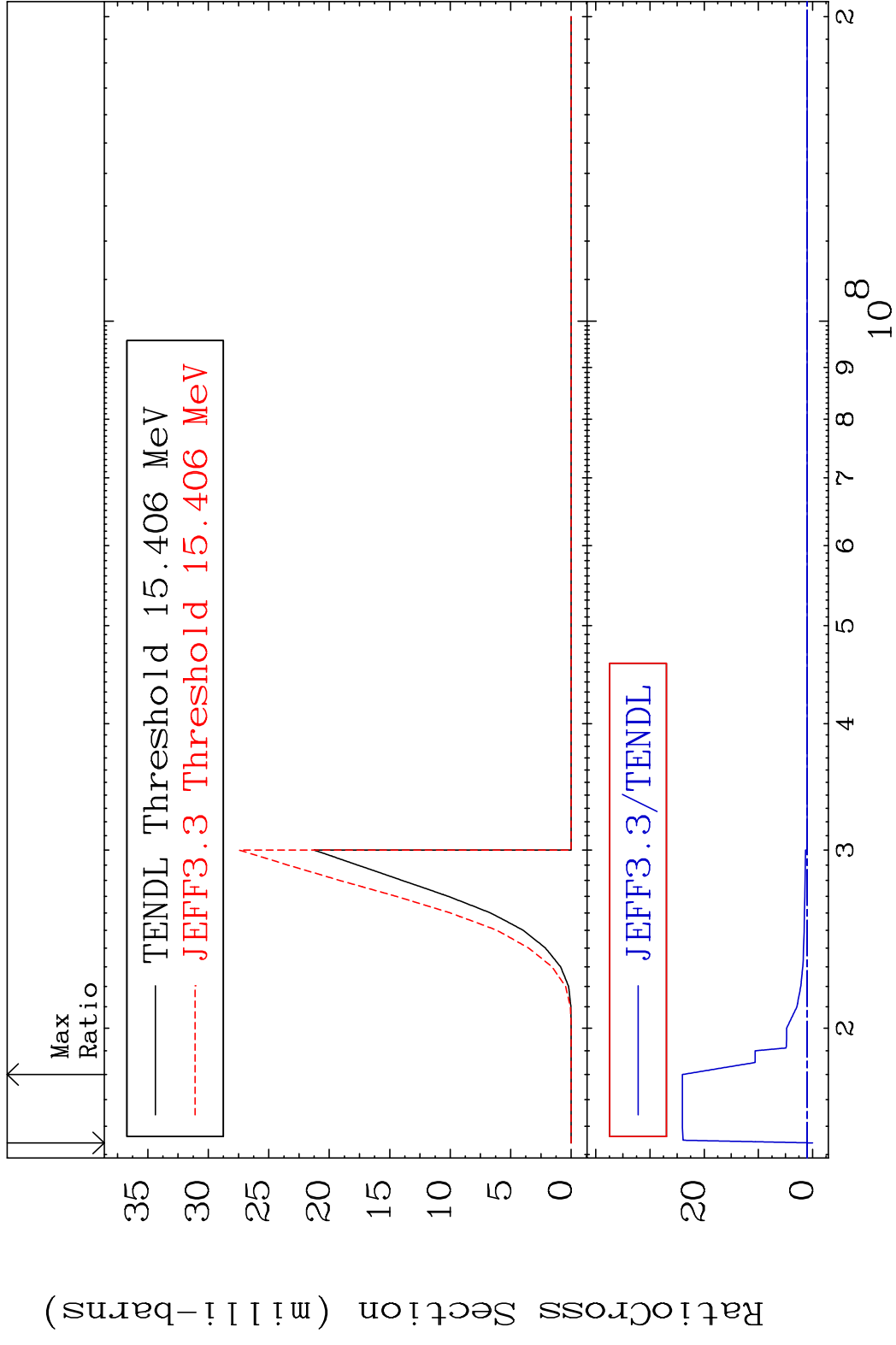
6 Incident Energy (eV) 30-Zn-66

MAT 3031 (n, n') α 30-Zn-66
 Cross Section -100.0 To 2556. %



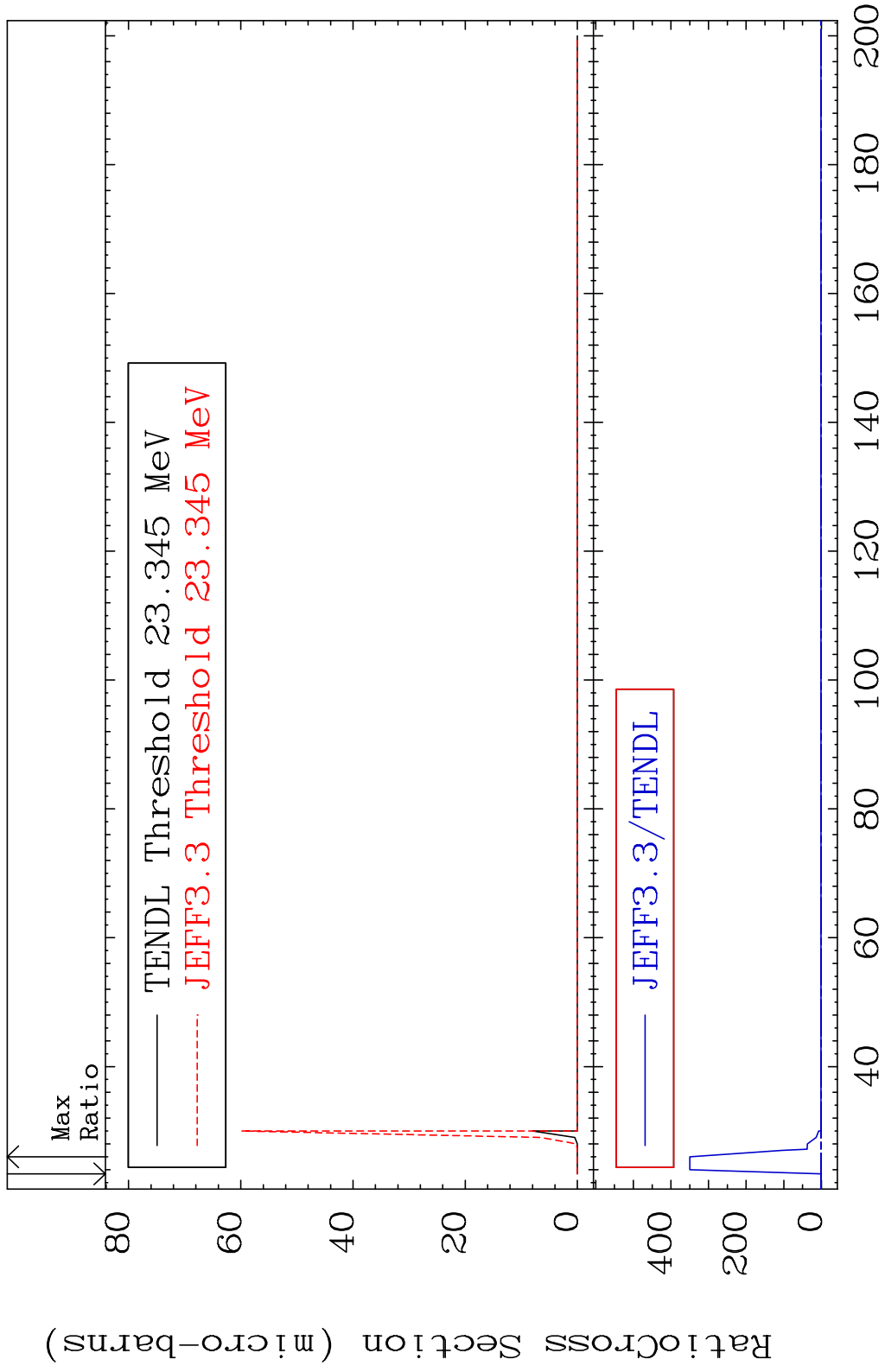
7 30-Zn-66

MAT 3031 (n,2n) α 30-Zn-66
 Cross Section -100.0 To 2303. %

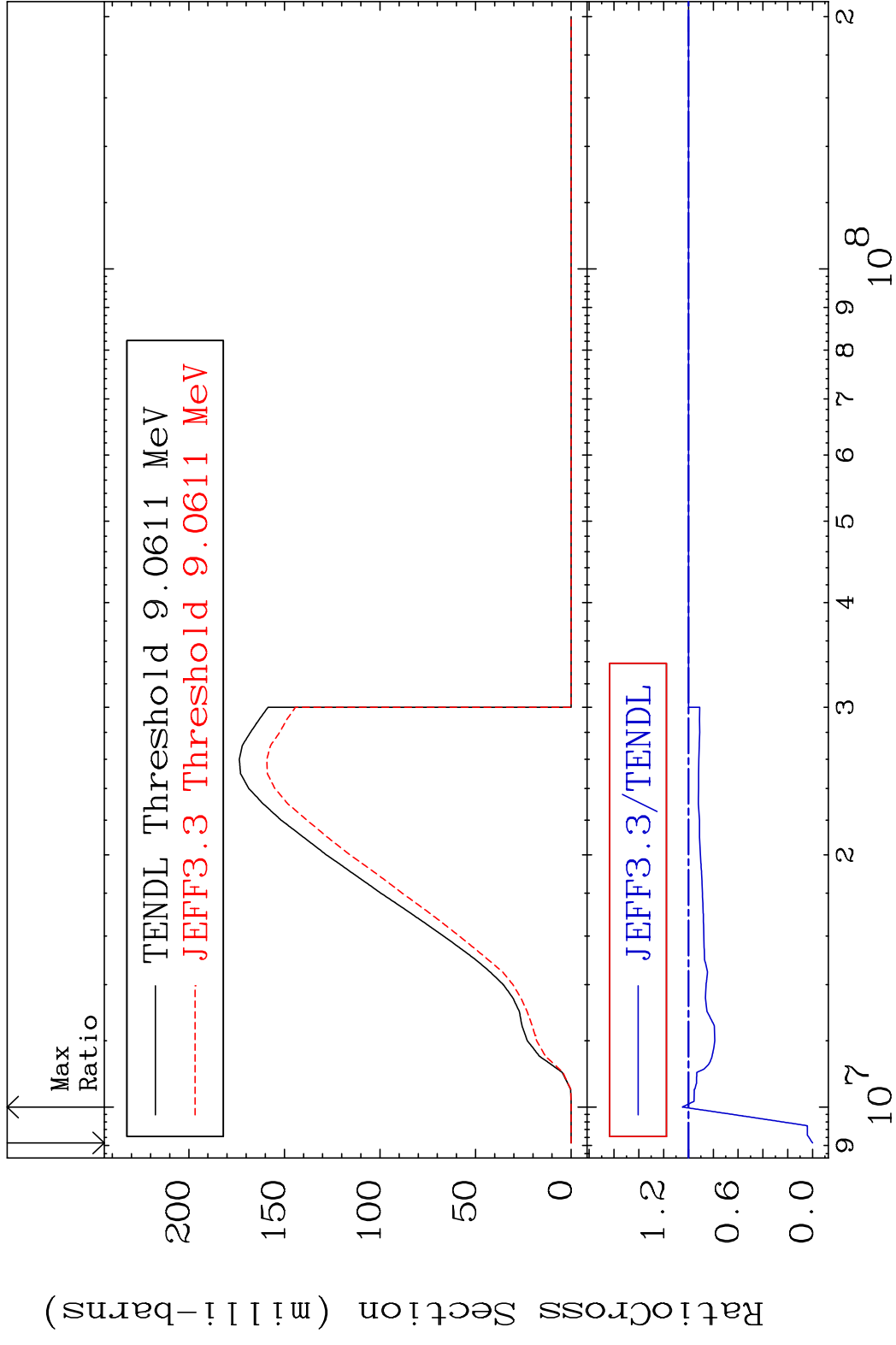


8 Incident Energy (eV) 30-Zn-66

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

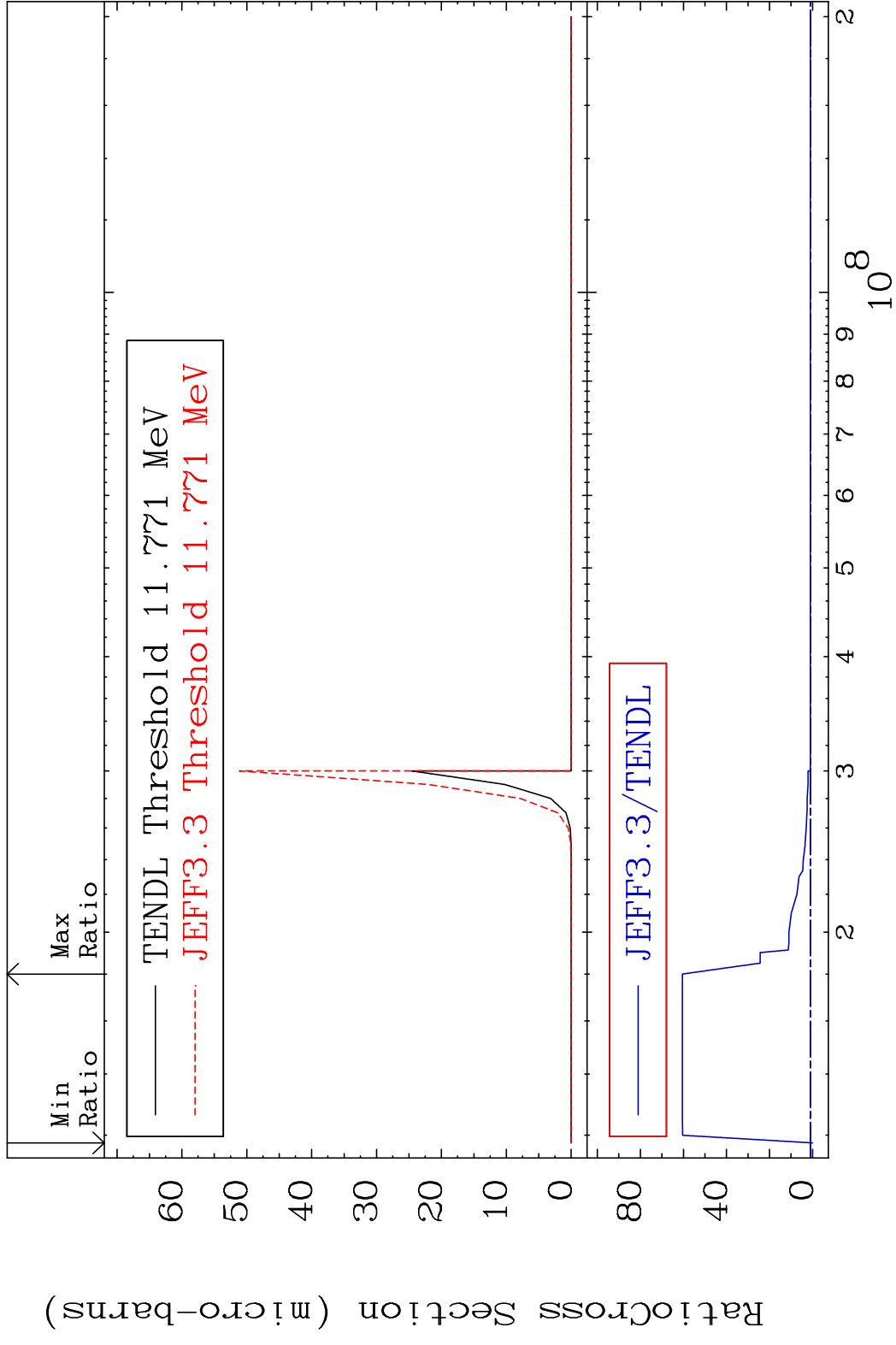


MAT 3031 (n, n') p 30-Zn-66
 Cross Section -100.0 To 4.935 %



10 10 2 30-Zn-66

MAT 3031 (n, n') 2α 30-Zn-66
 Cross Section -100.0 To 5950. %

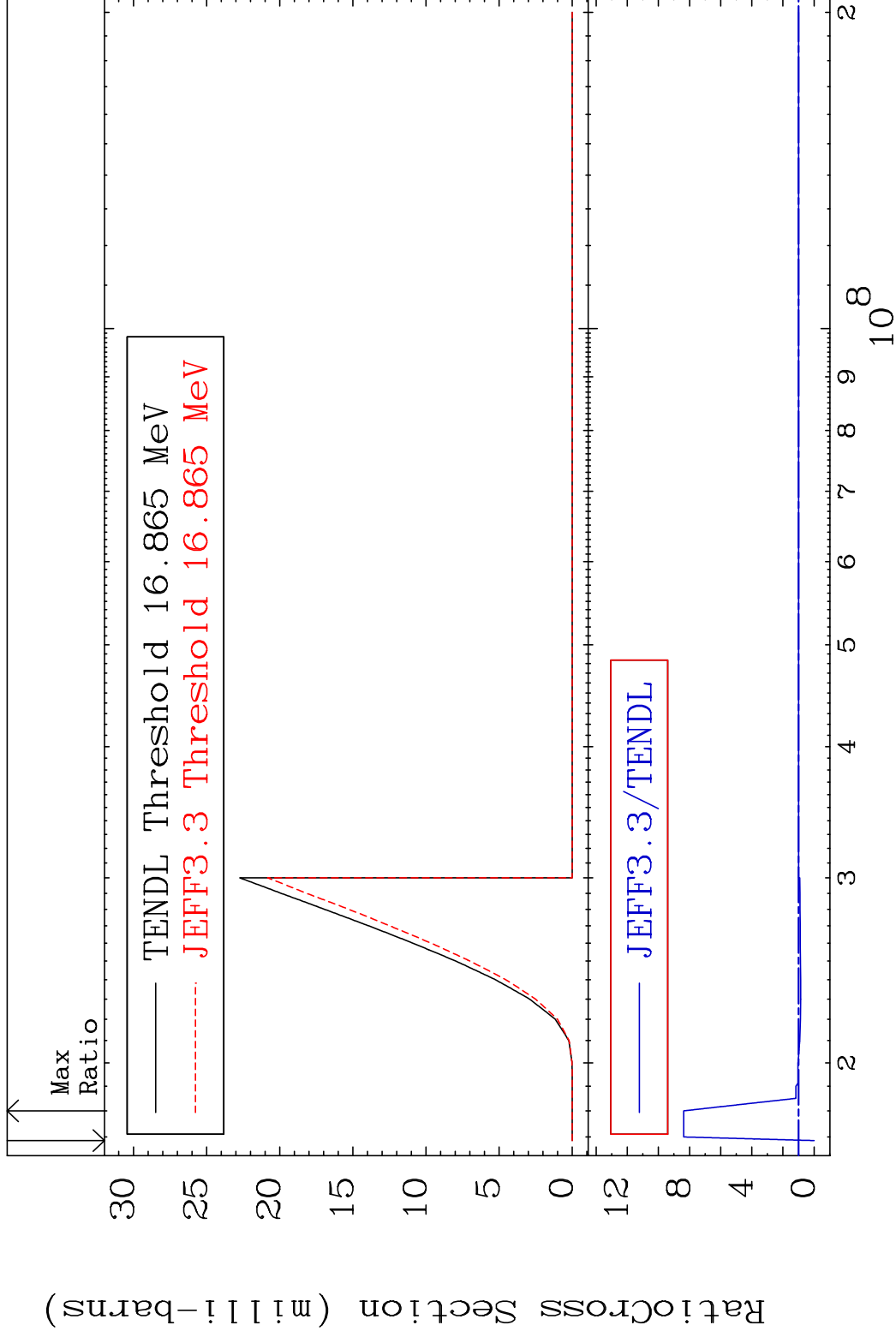


MAT 3031

(n, n') d

30-Zn-66

Cross Section -100.0 To 737.6 %



12

Incident Energy (eV)

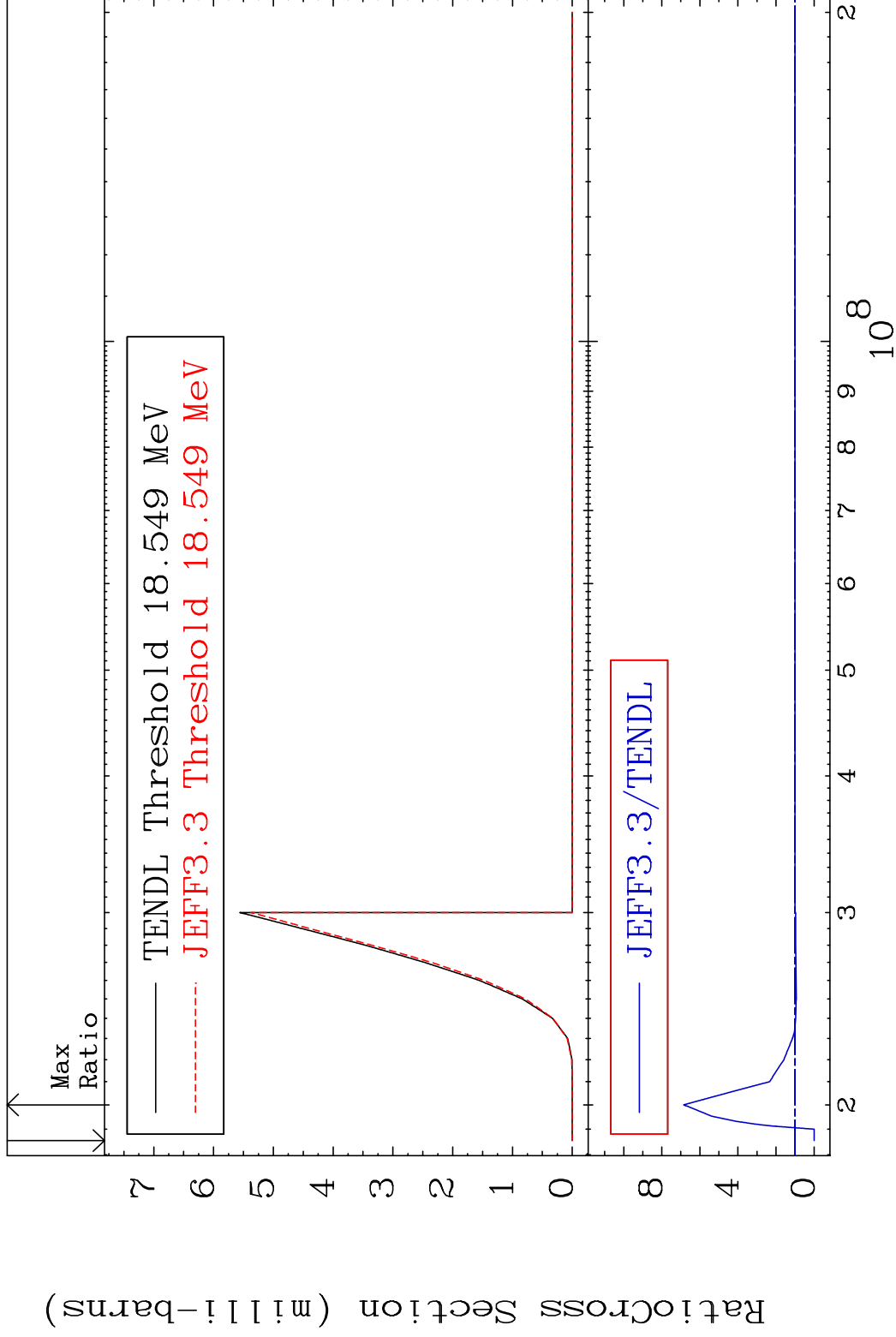
30-Zn-66

MAT 3031

(n, n') t

30-Zn-66

Cross Section -100.0 To 585.2 %



13

Incident Energy (eV)

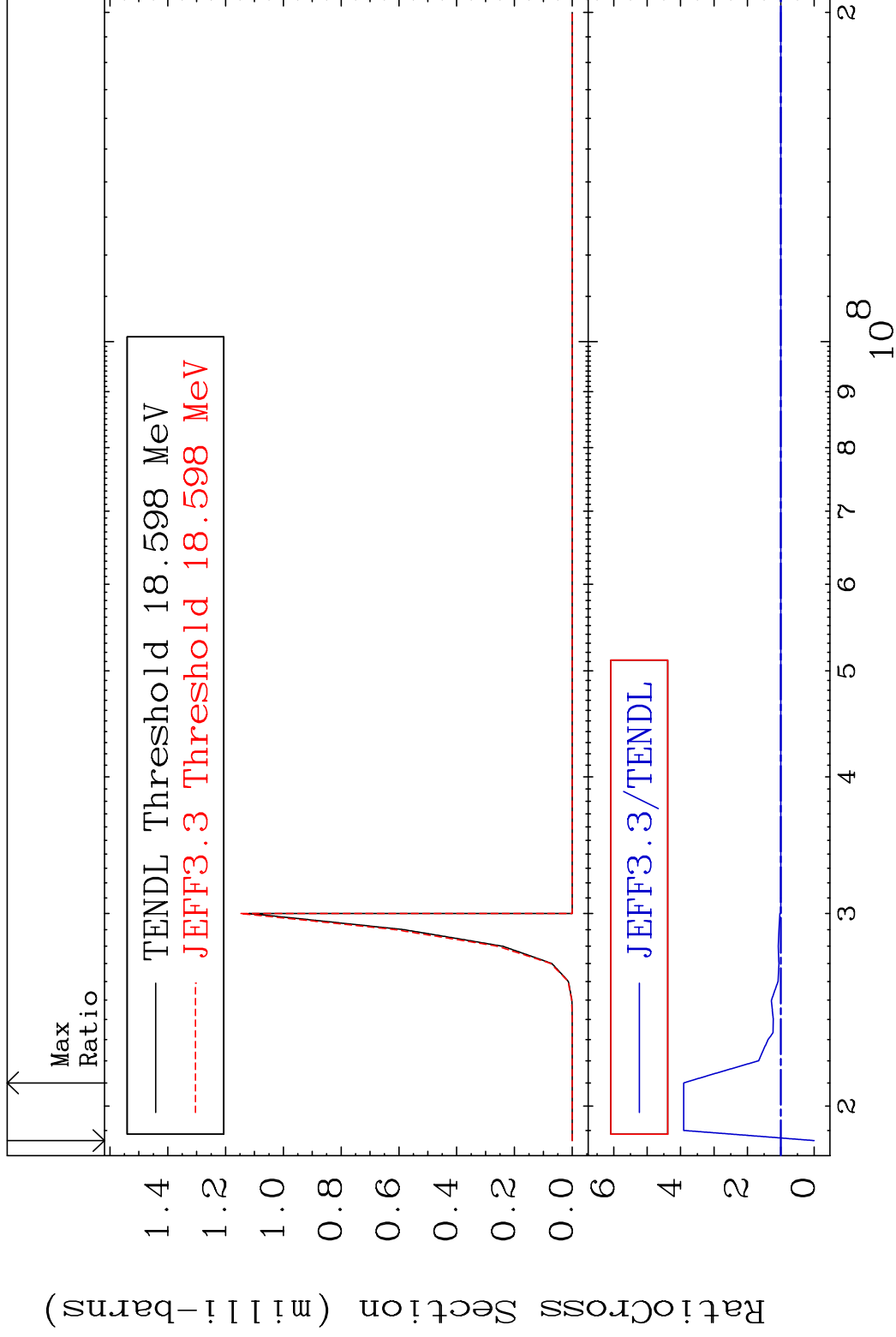
30-Zn-66

MAT 3031

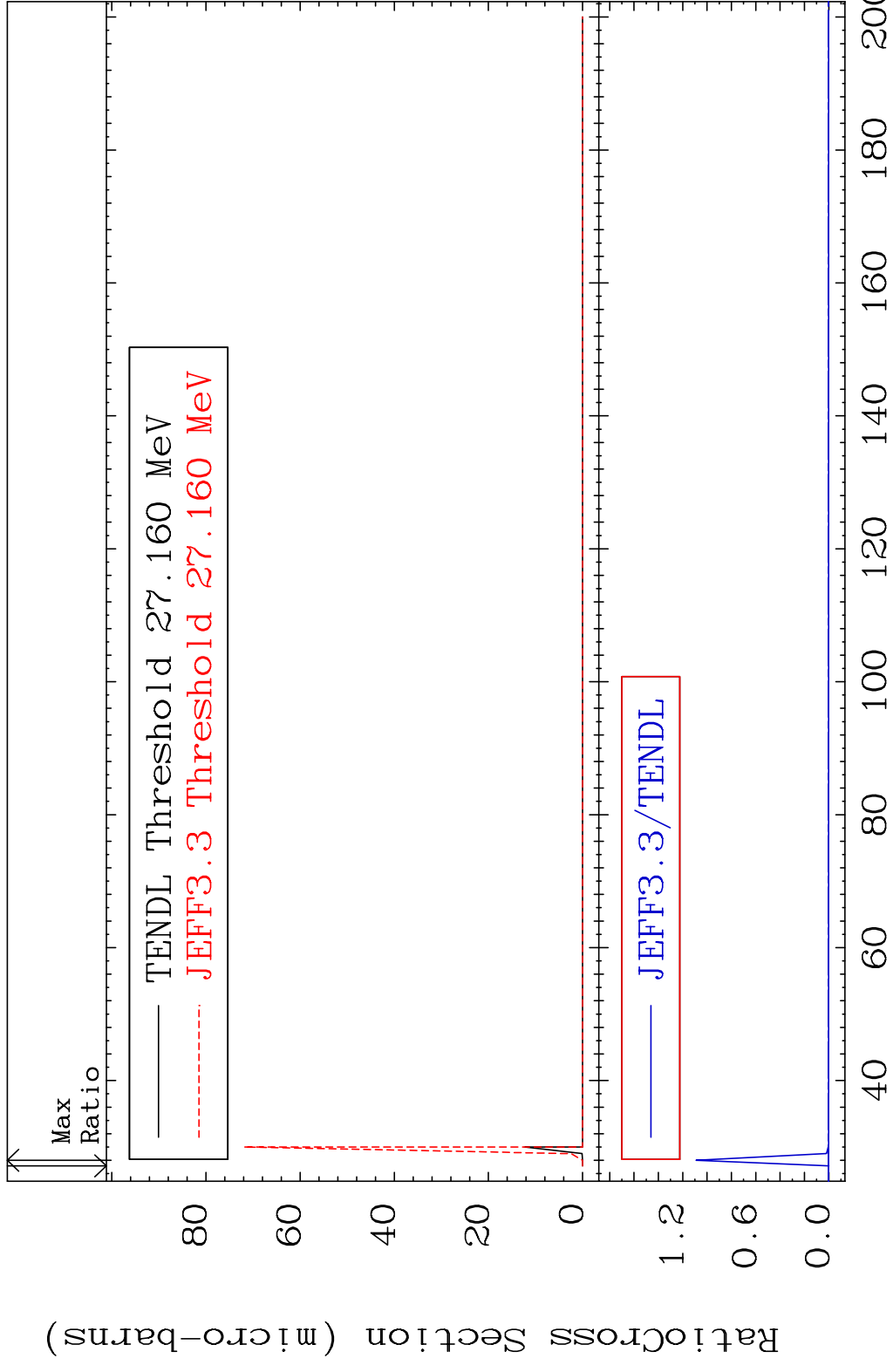
(n,n') He-3

30-Zn-66

Cross Section -100.0 To 290.8 %



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

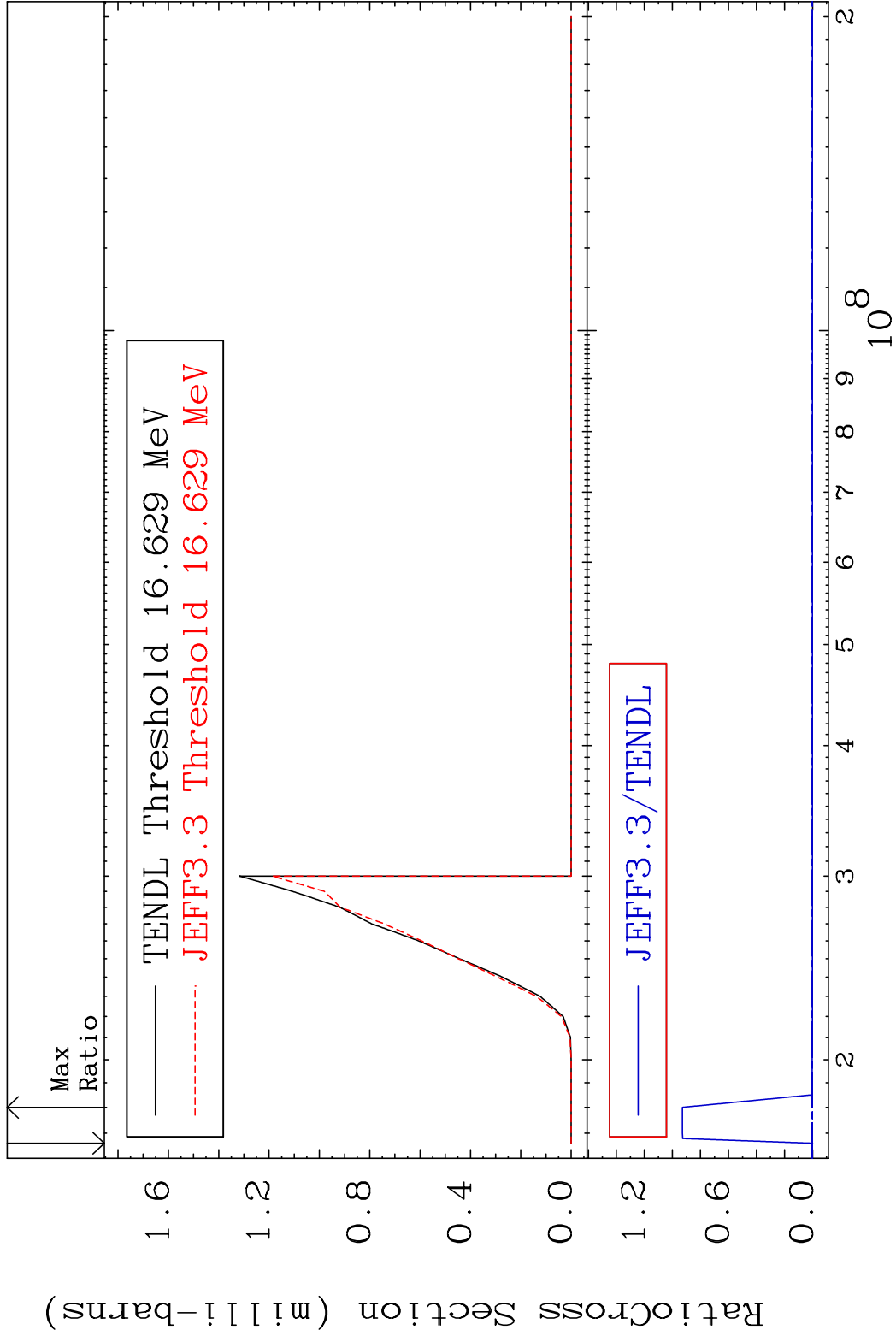


MAT 3031

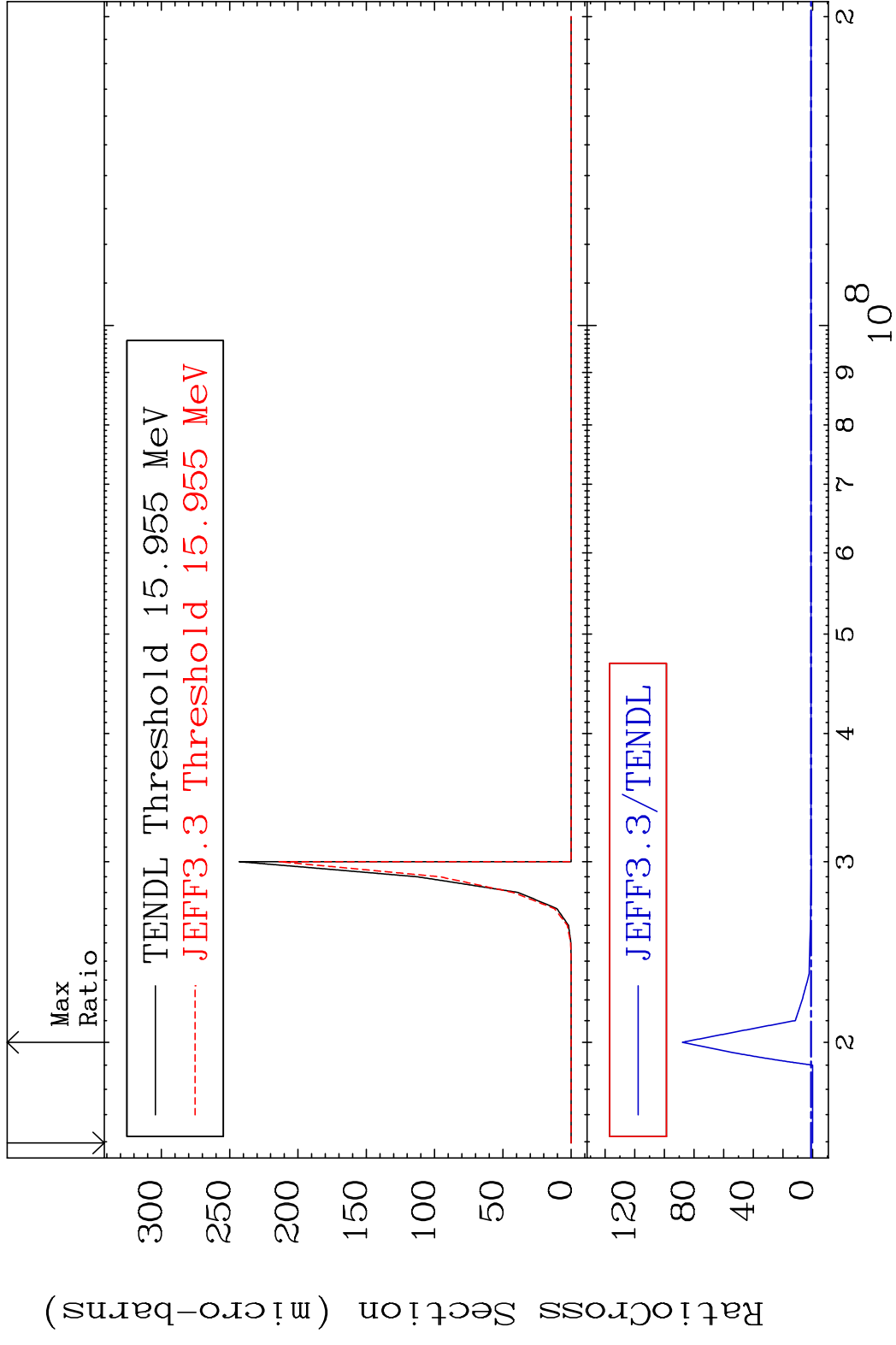
(n,2n) p

30-Zn-66

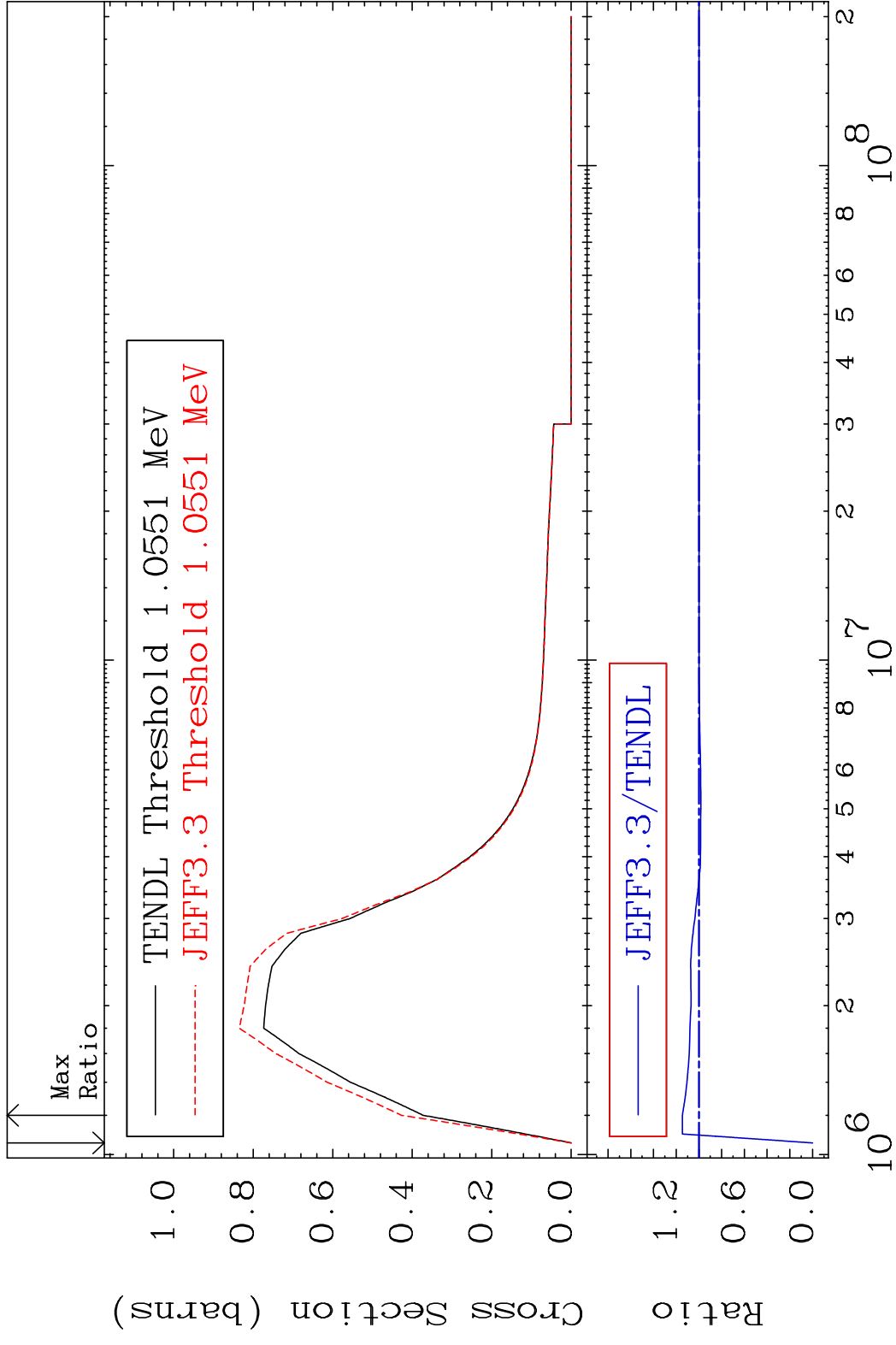
Cross Section -100.0 To 9999. %



MAT 3031 (n,n') p α 30-Zn-66
 Cross Section -100.0 To 8690. %

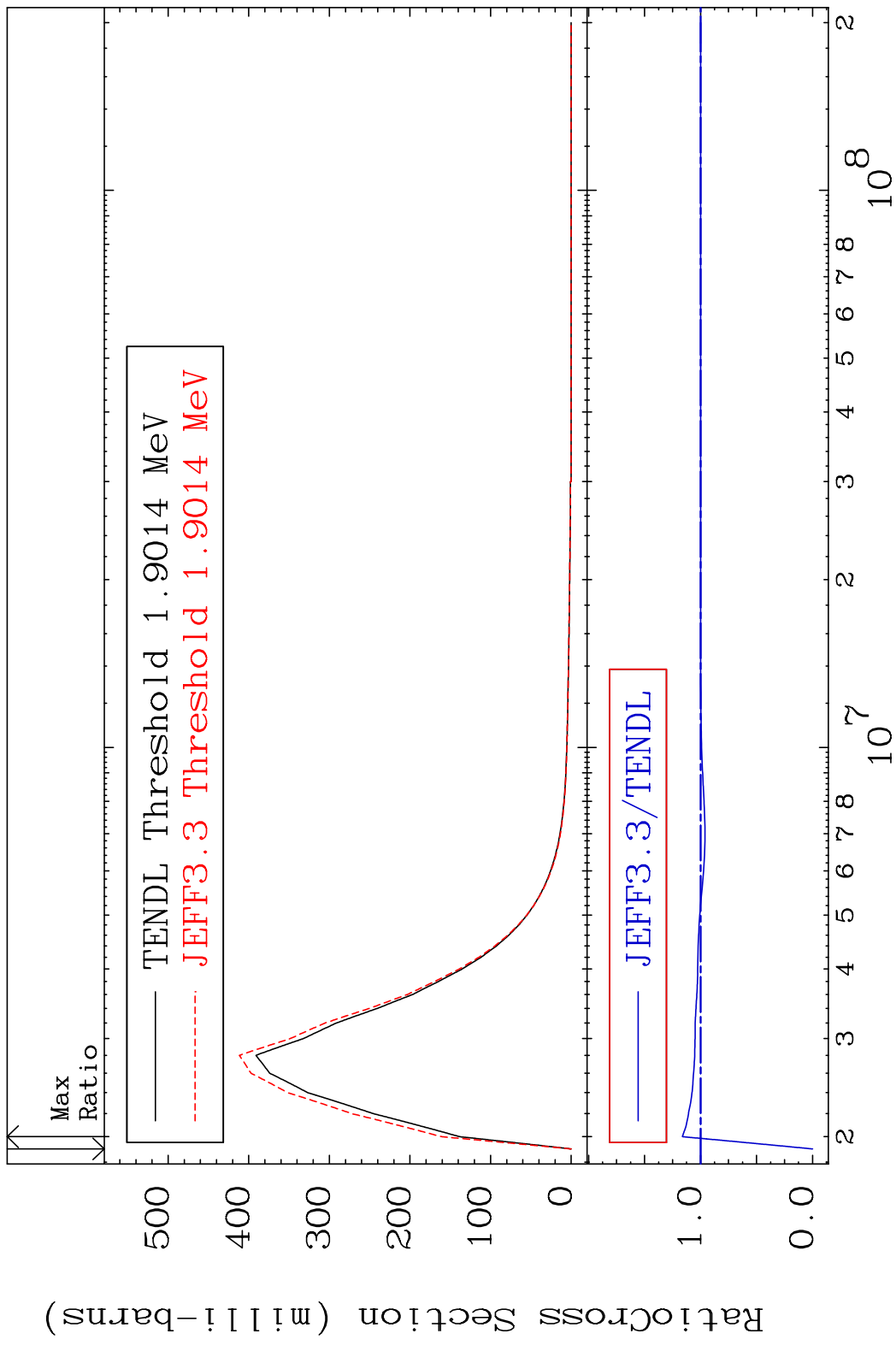


MAT 3031 MT= 51 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 14.59 %

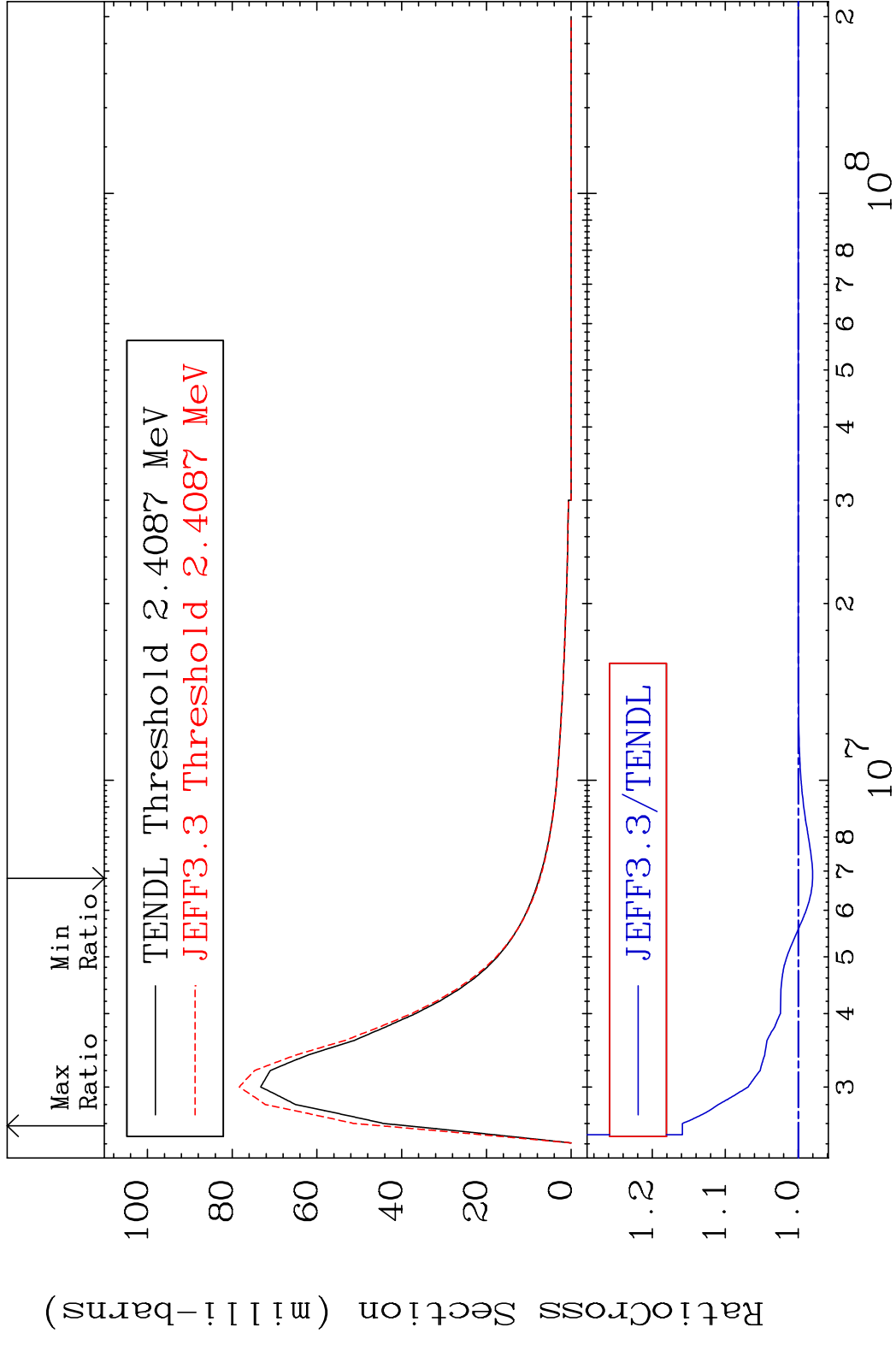


19 Incident Energy (eV) 30-Zn-66

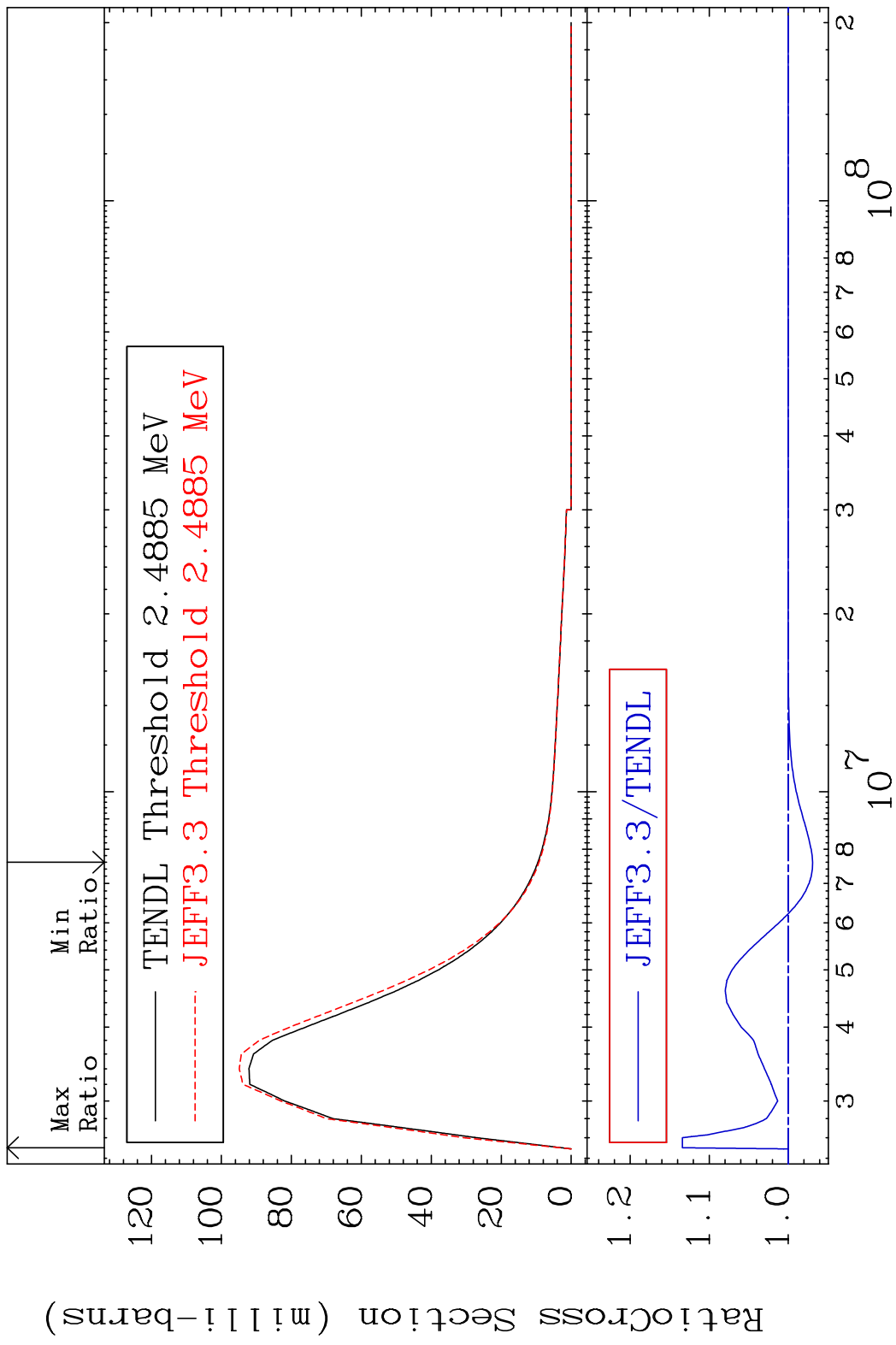
MAT 3031 MT= 52 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 16.26 %



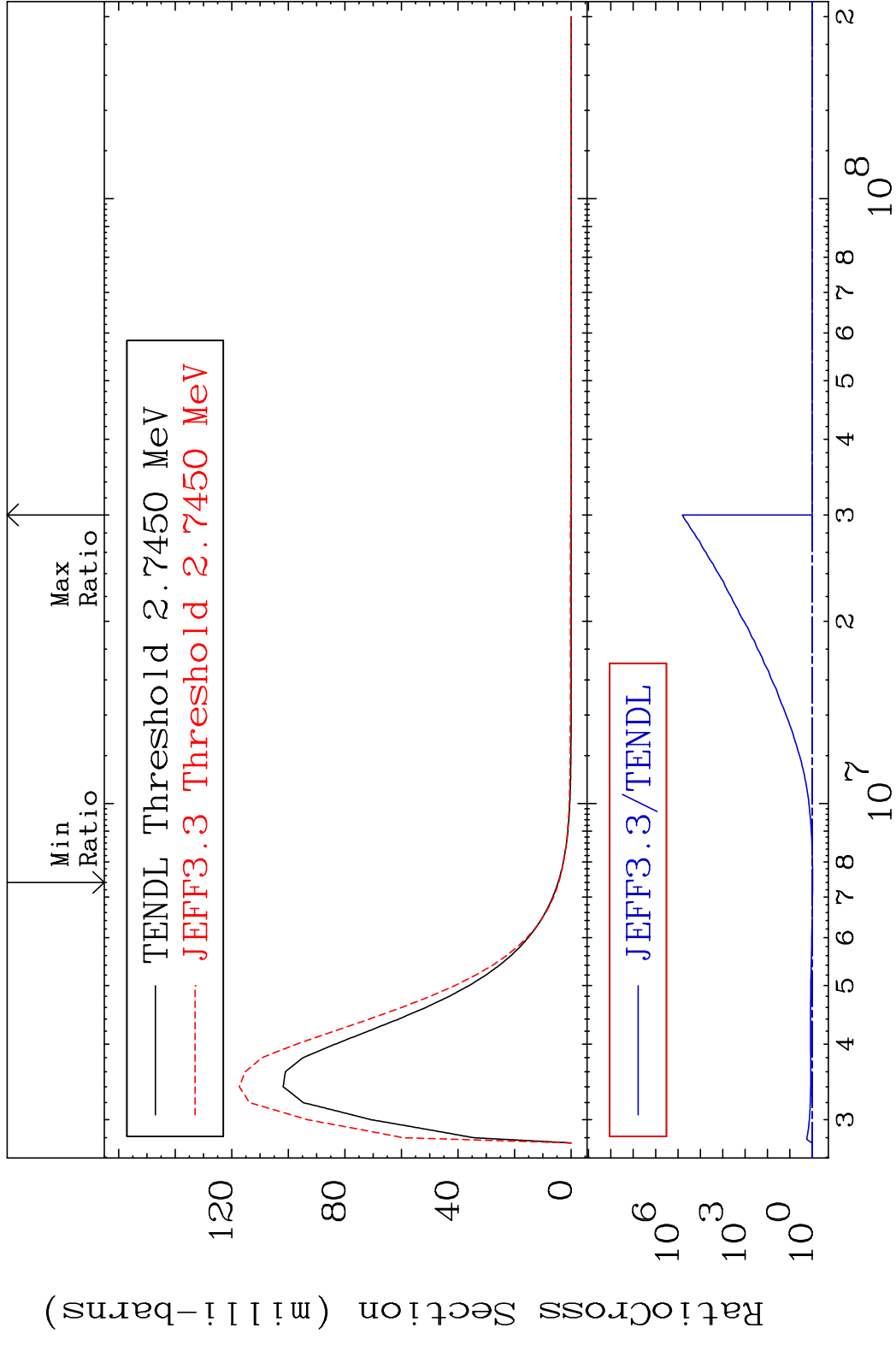
MAT 3031 MT= 53 (n,n') Level 30-Zn-66
 Cross Section -1.953 To 15.88 %



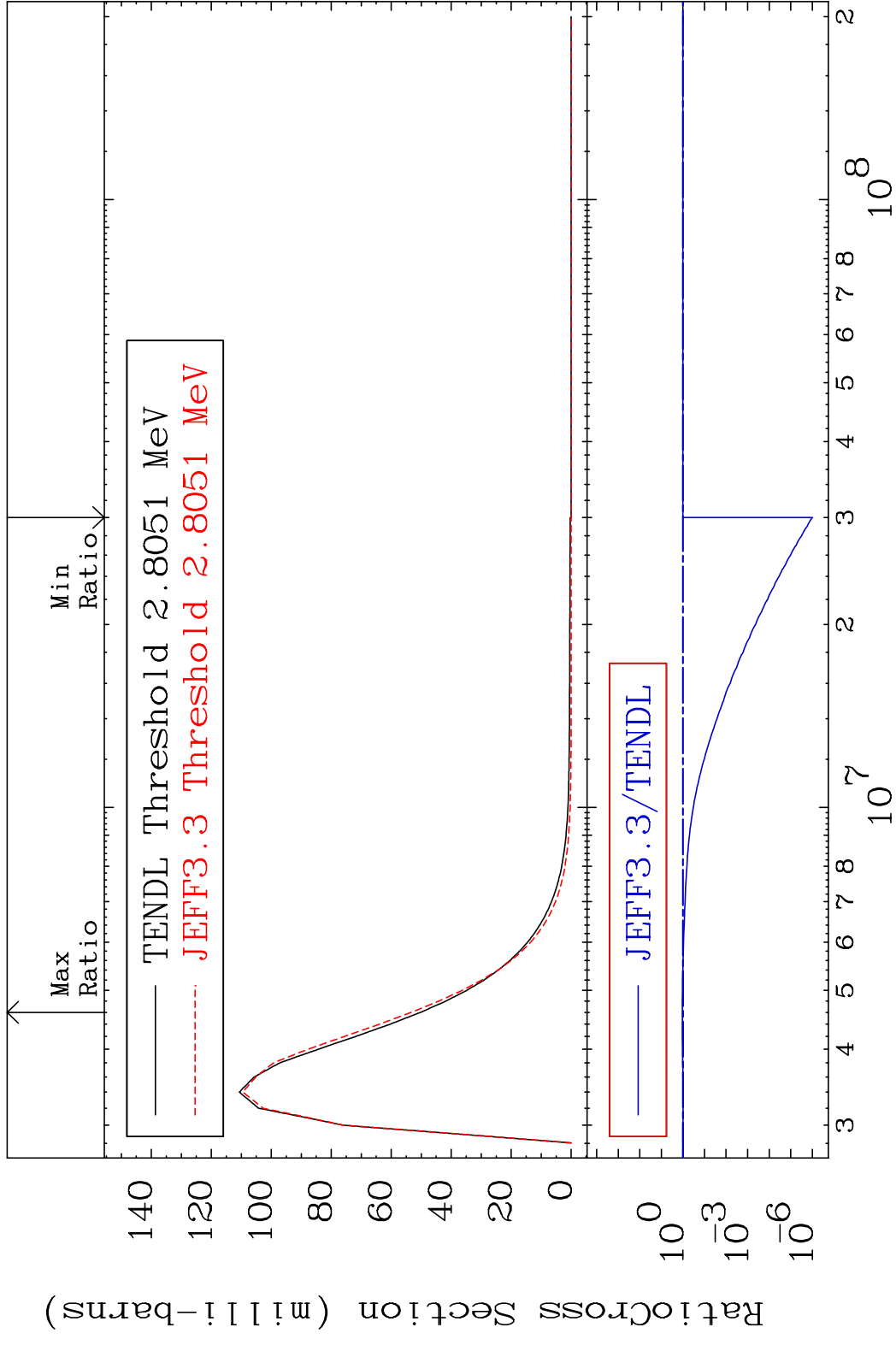
MAT 3031 MT= 54 (n,n') Level 30-Zn-66
 Cross Section -3.086 To 13.40 %



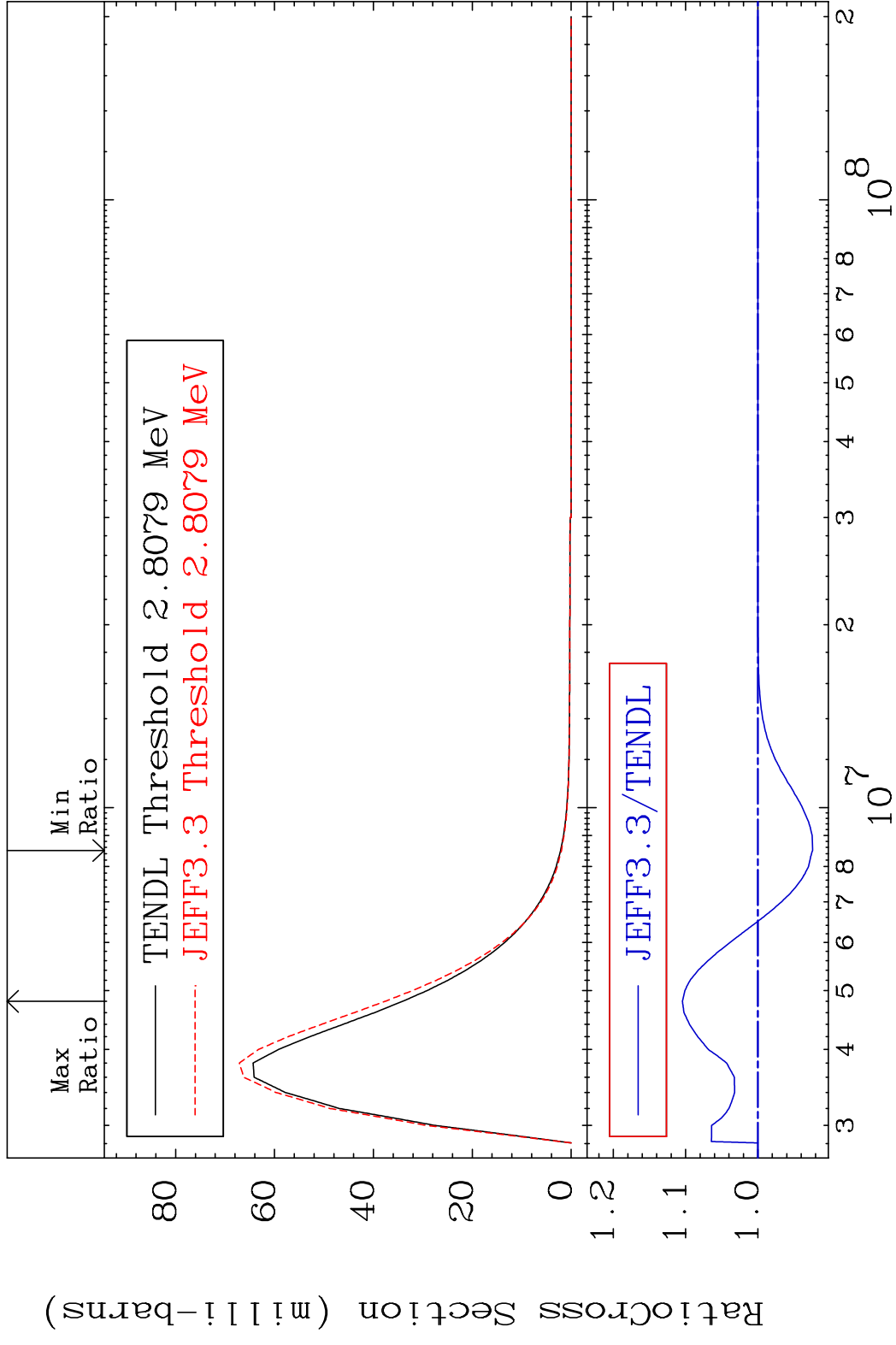
MAT 3031 MT= 55 (n, n') Level 30-Zn-66
 Cross Section -4.808 To 9999. %



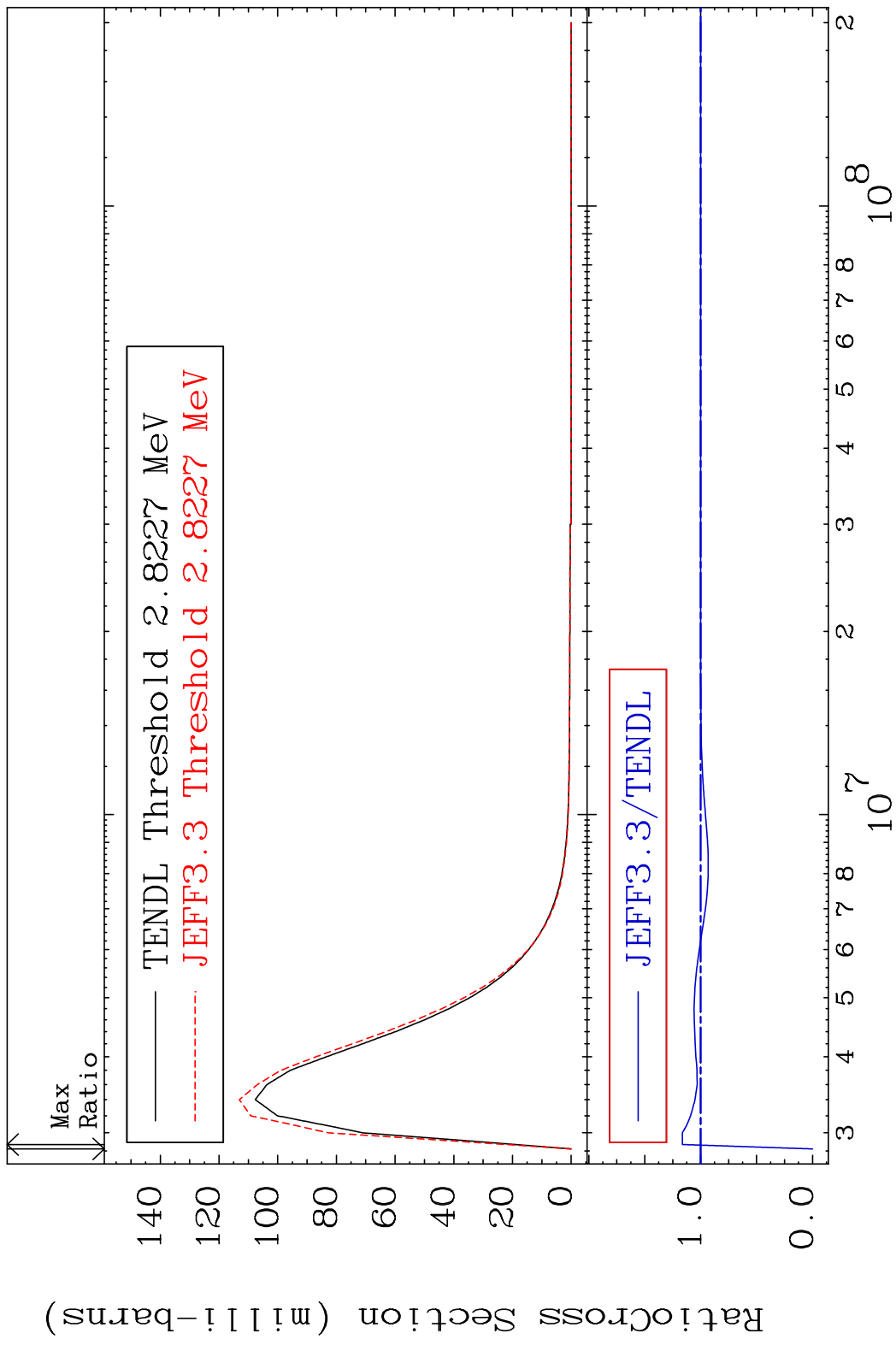
MAT 3031 MT= 56 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 6.124 %



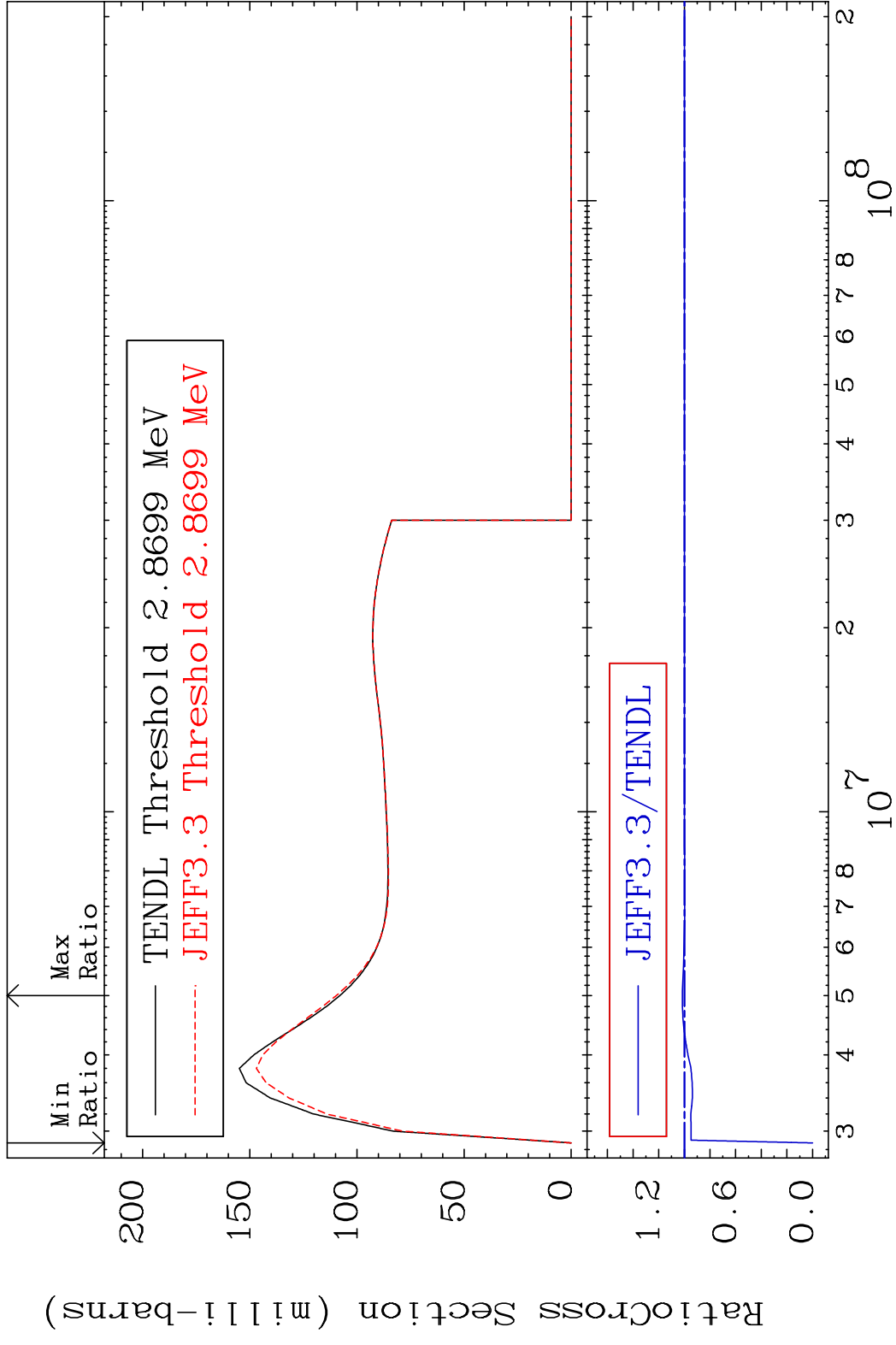
MAT 3031 MT= 57 (n,n') Level 30-Zn-66
 Cross Section -7.574 To 10.45 %



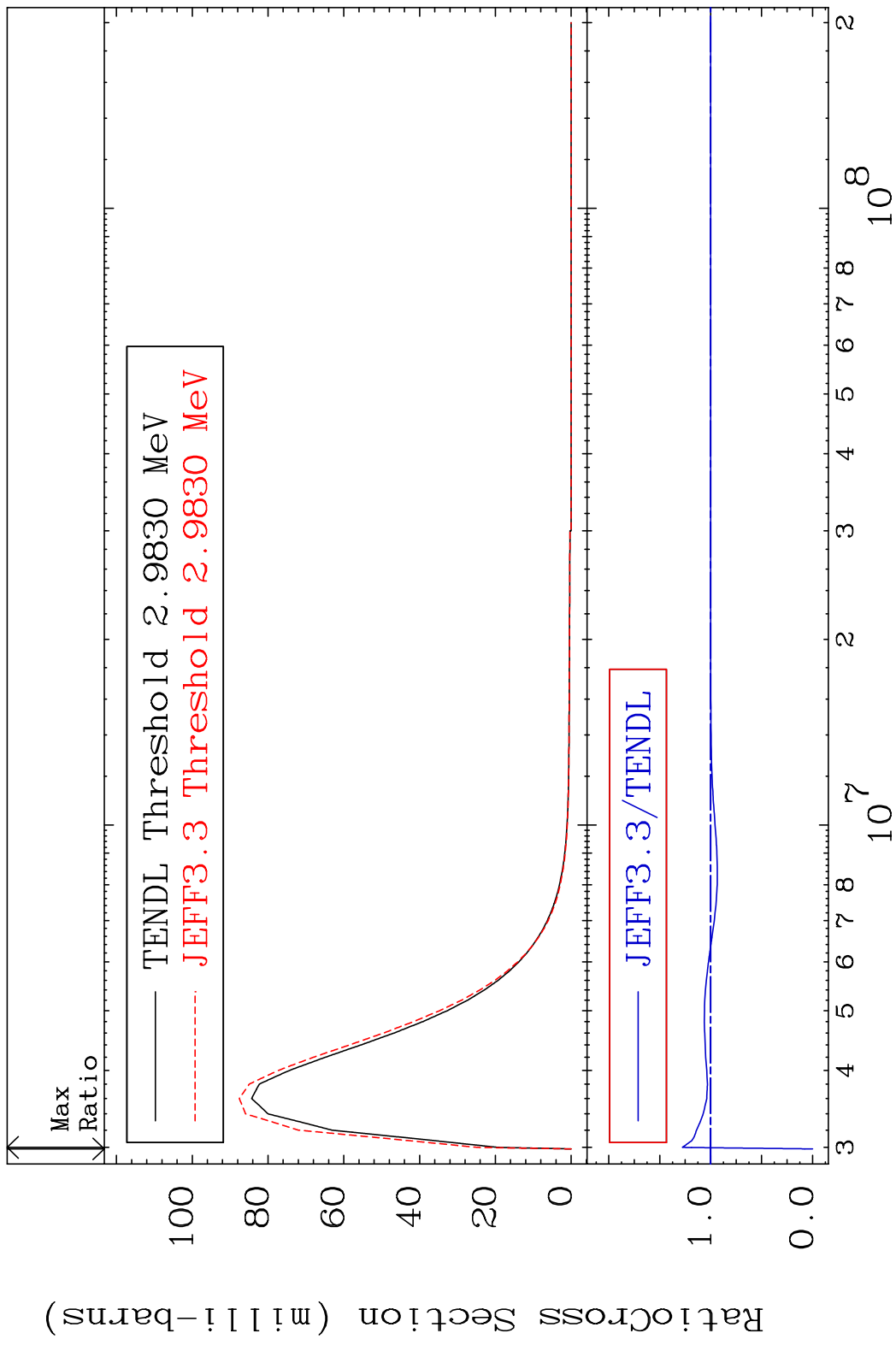
MAT 3031 MT= 58 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 16.37 %



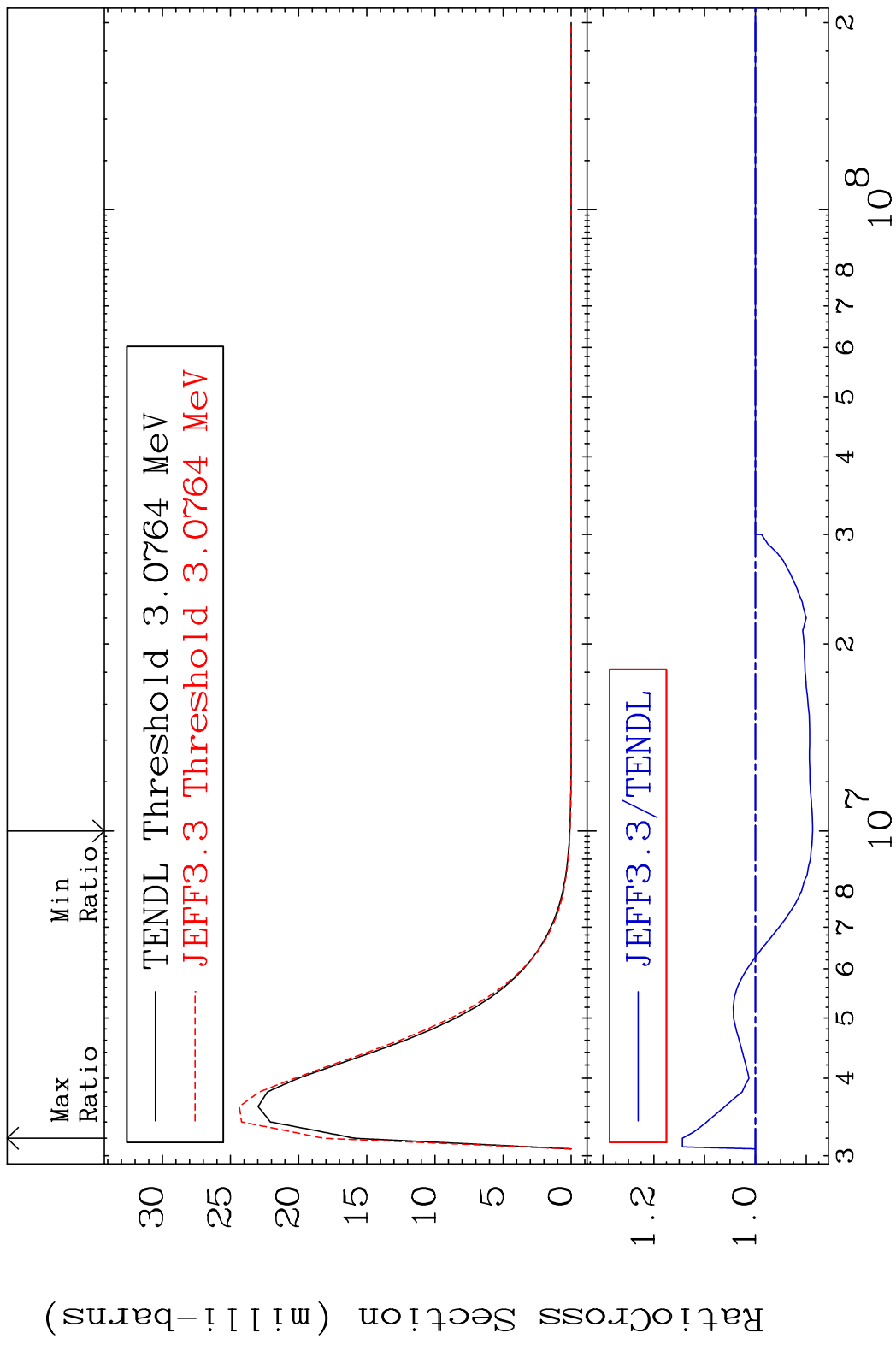
MAT 3031 MT= 59 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 1.562 %



MAT 3031 MT= 60 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 27.82 %



MAT 3031 MT= 61 (n, n') Level 30-Zn-66
 Cross Section -11.26 To 14.38 %

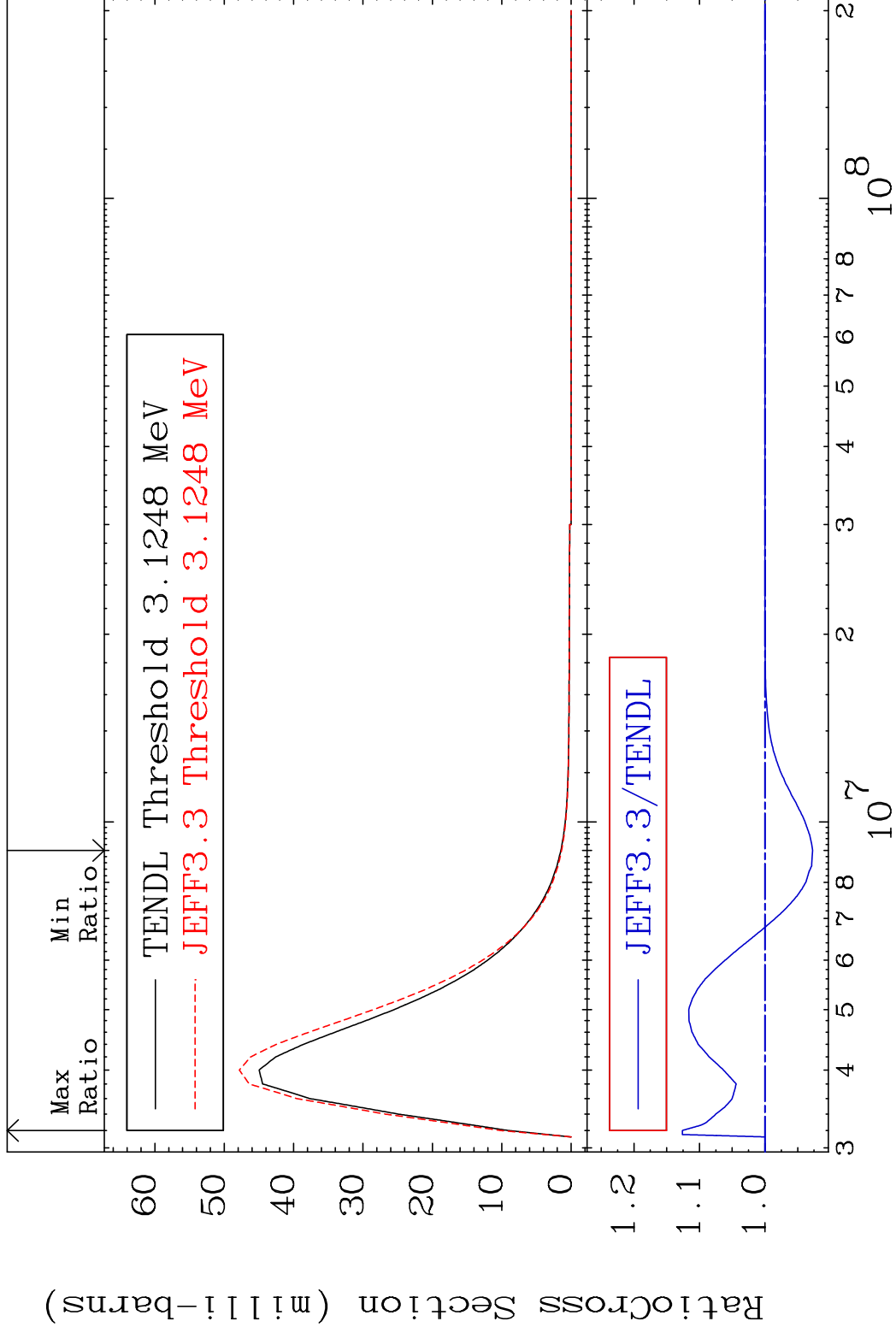


MAT 3031

MT= 62 (n, n') Level

30-Zn-66

Cross Section -7.270 To 12.61 %

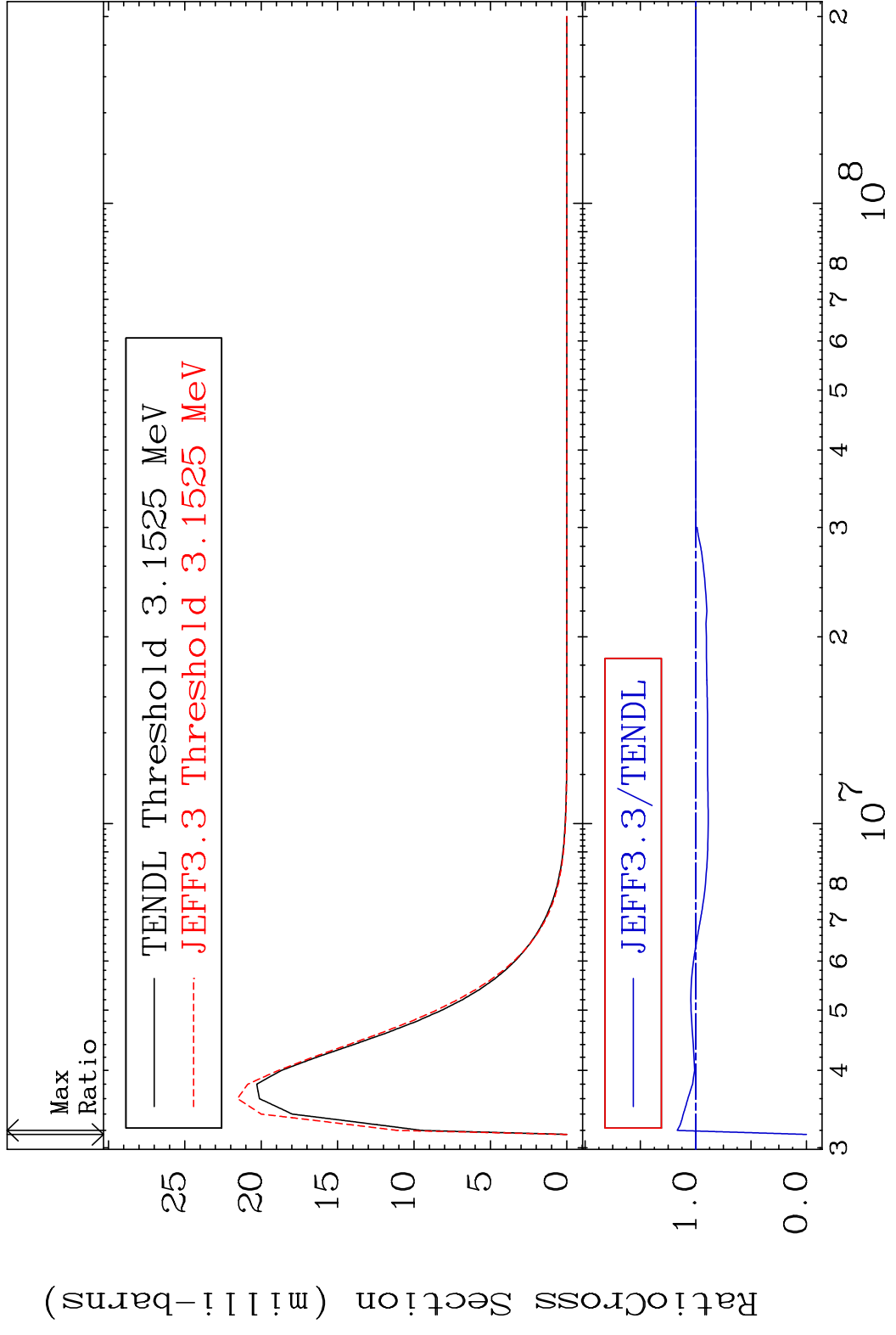


30

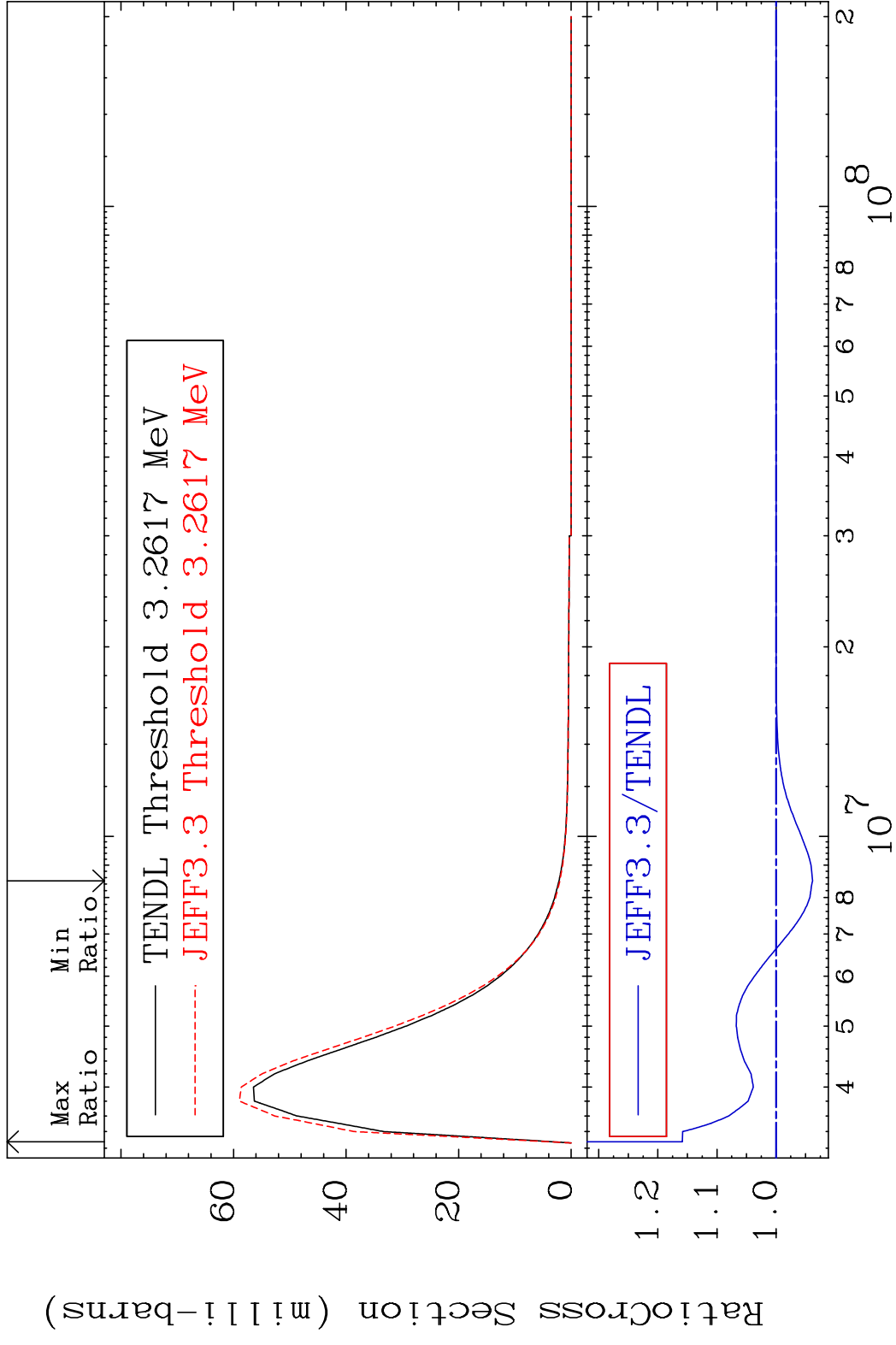
Incident Energy (eV)

30-Zn-66

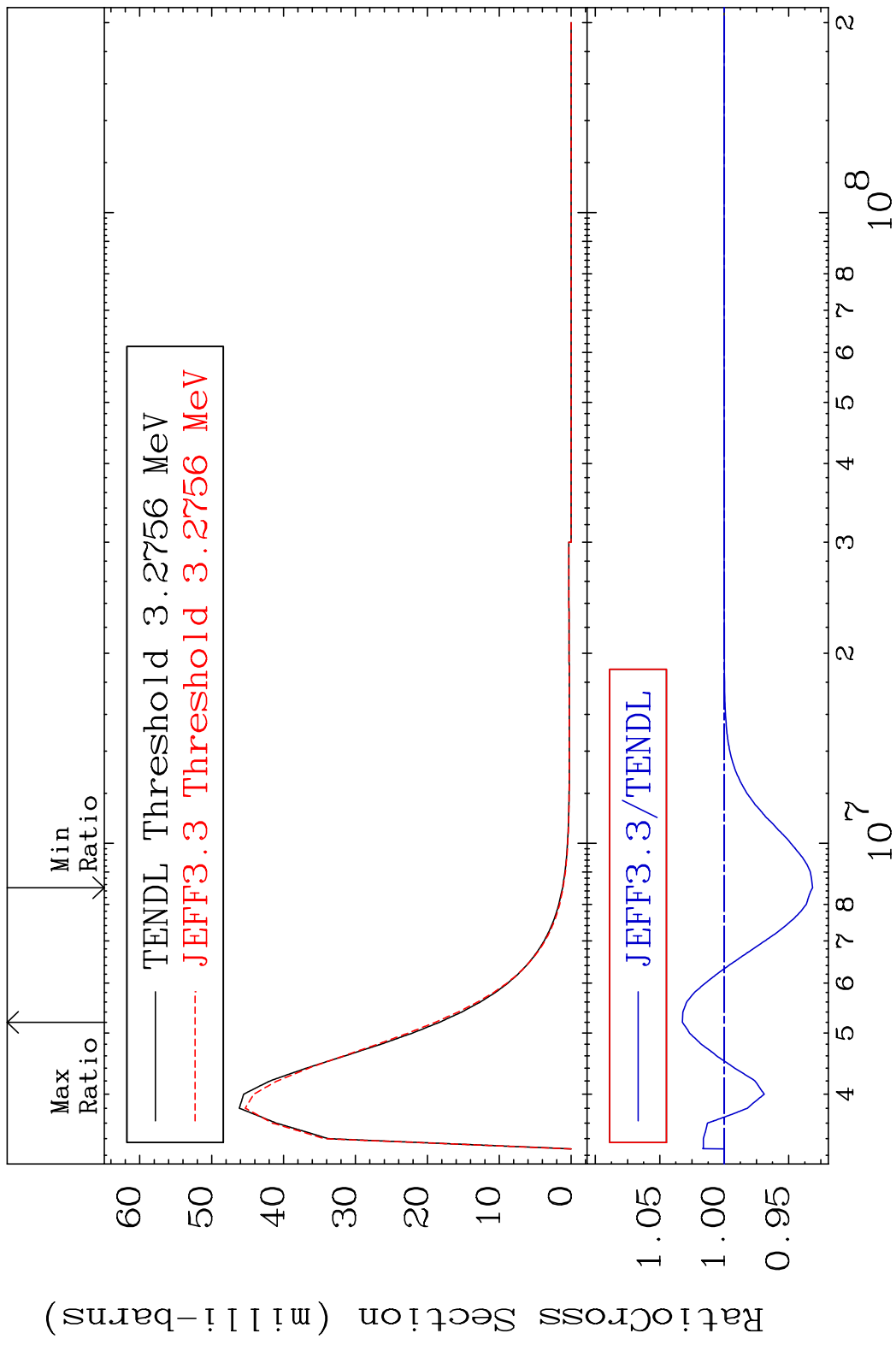
MAT 3031 MT= 63 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 16.77 %



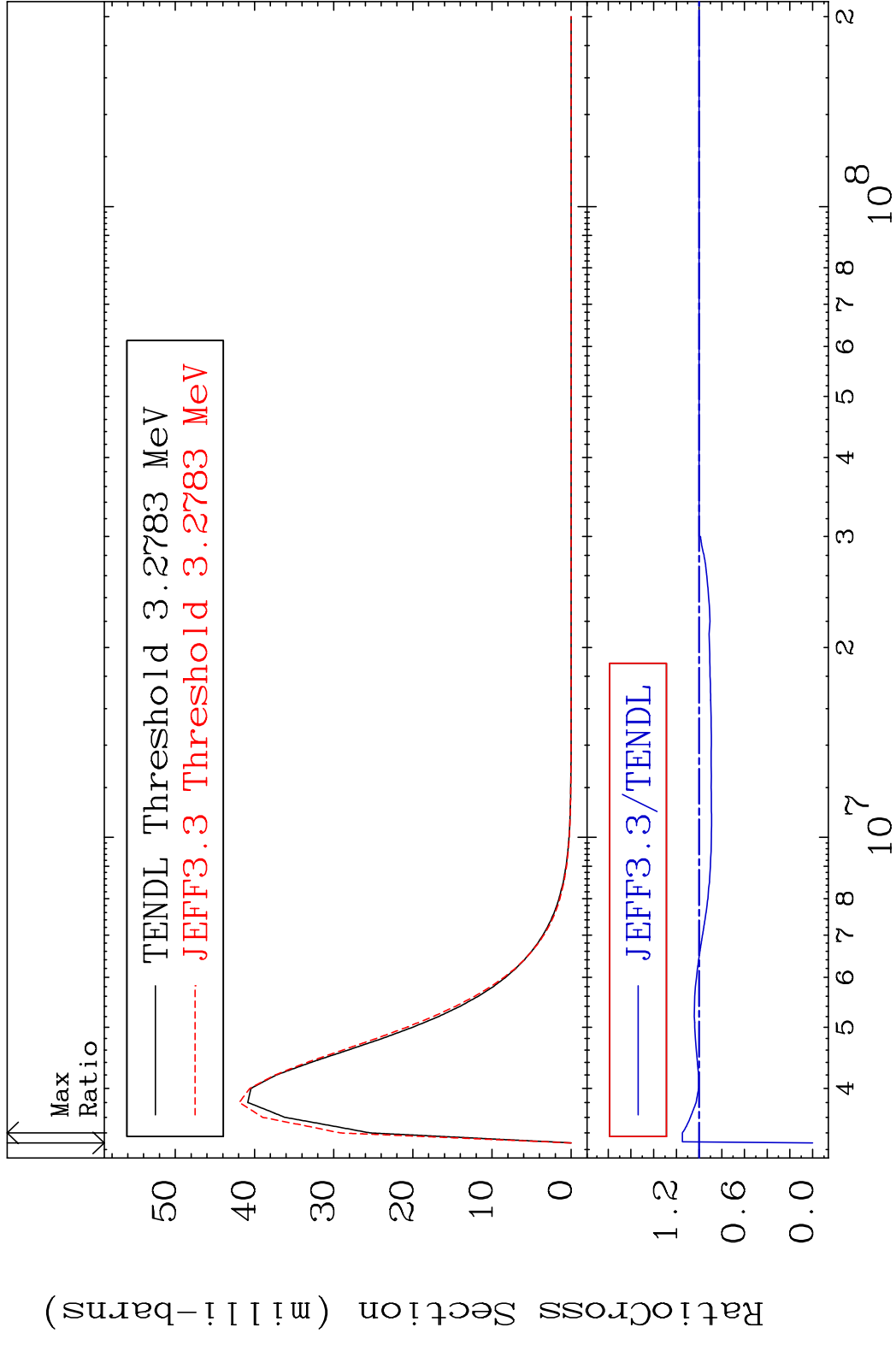
MAT 3031 MT= 64 (n,n') Level 30-Zn-66
 Cross Section -6.179 To 15.86 %



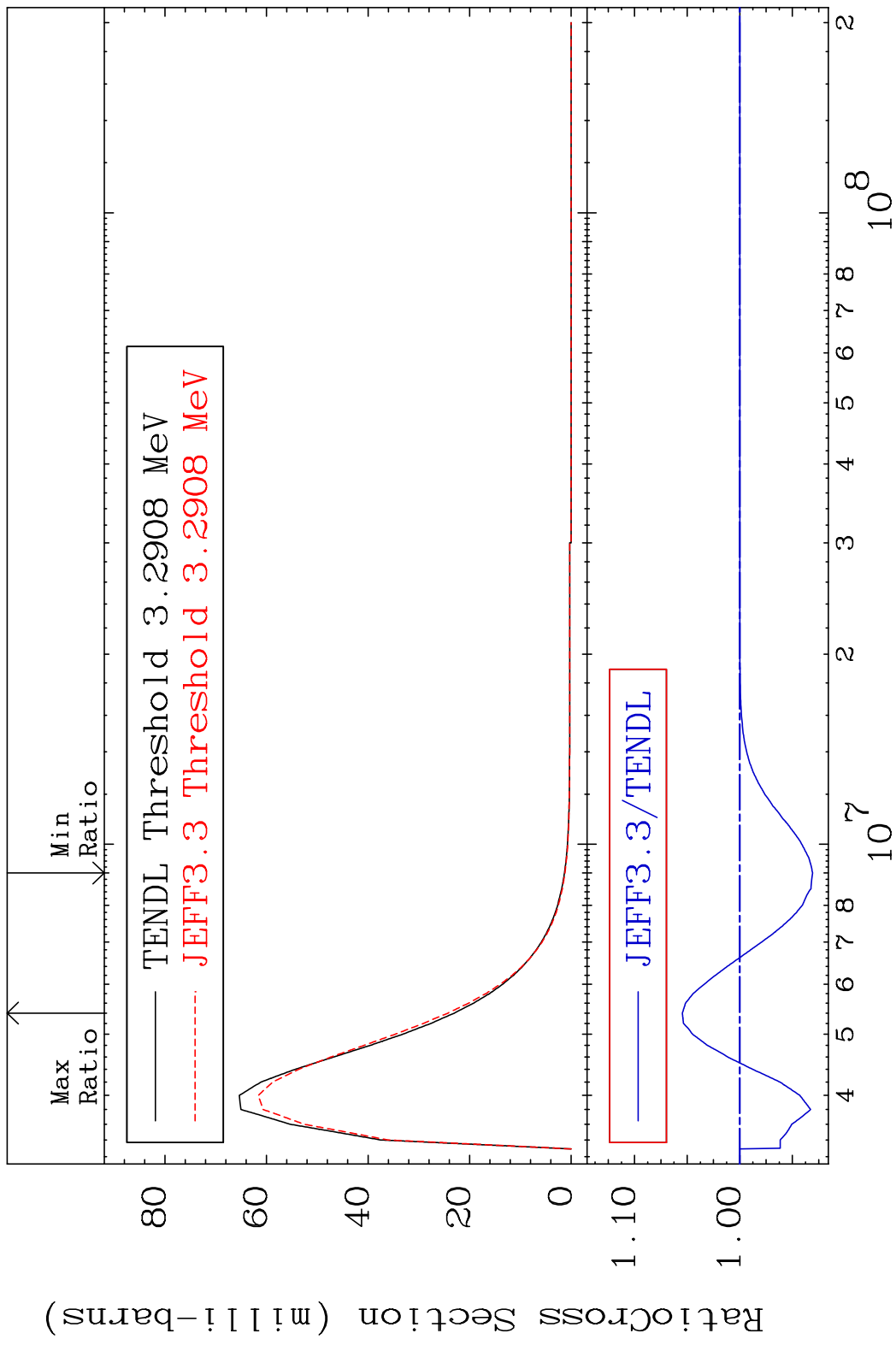
MAT 3031 MT= 65 (n,n') Level 30-Zn-66
 Cross Section -6.852 To 3.248 %



MAT 3031 MT= 66 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 14.71 %



MAT 3031 MT= 67 (n,n') Level 30-Zn-66
 Cross Section -6.916 To 5.461 %

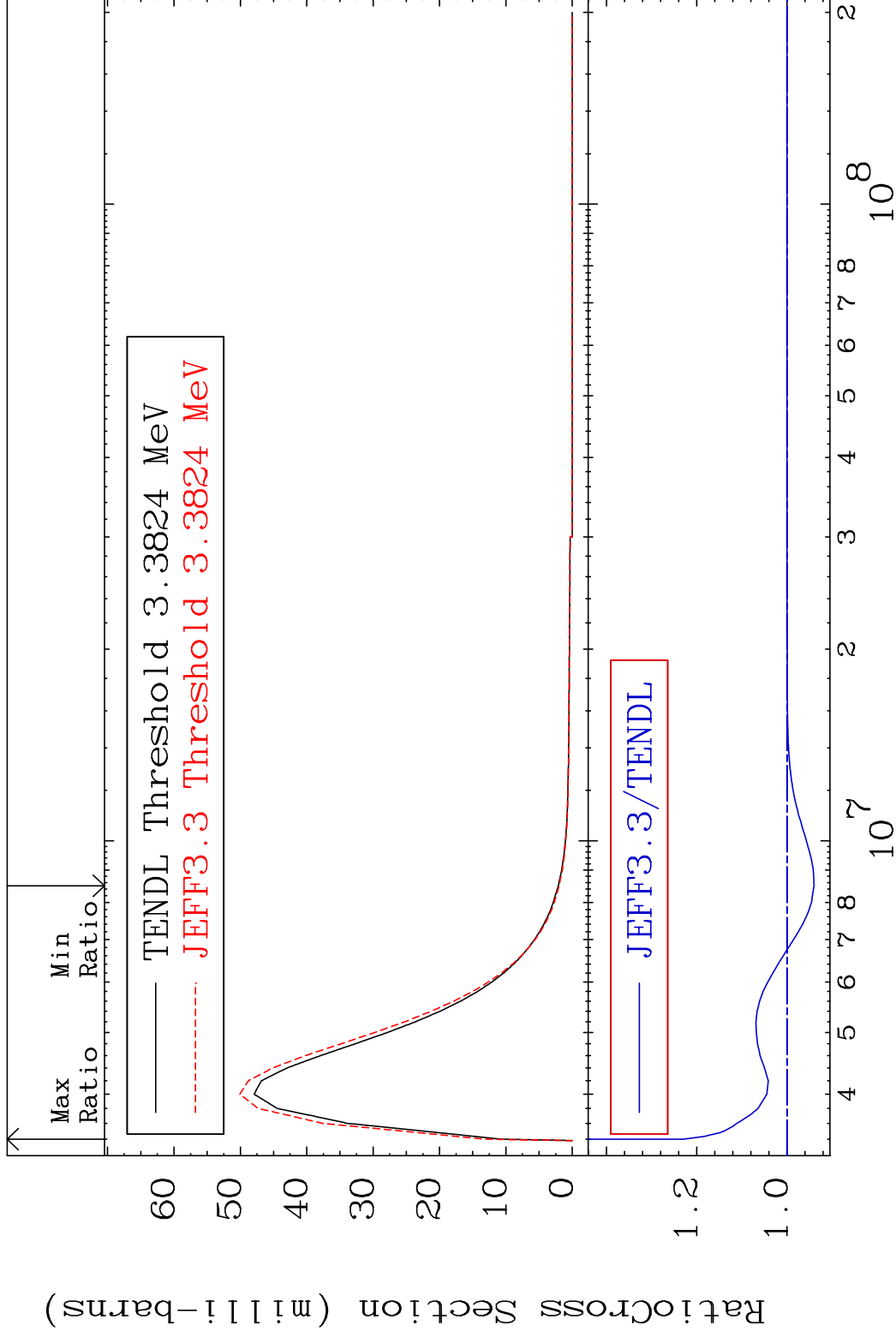


MAT 3031

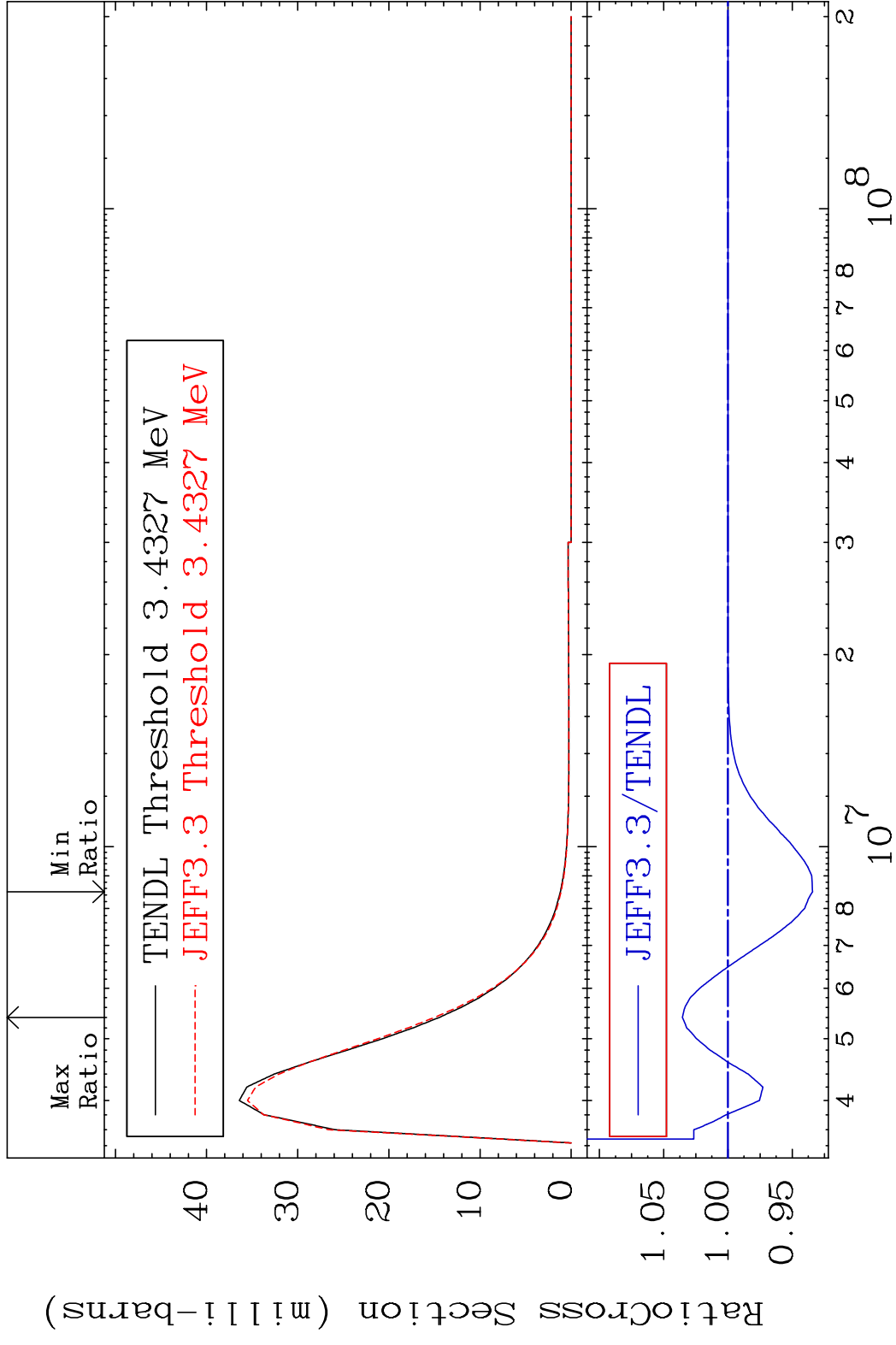
MT= 68 (n,n') Level

30-Zn-66

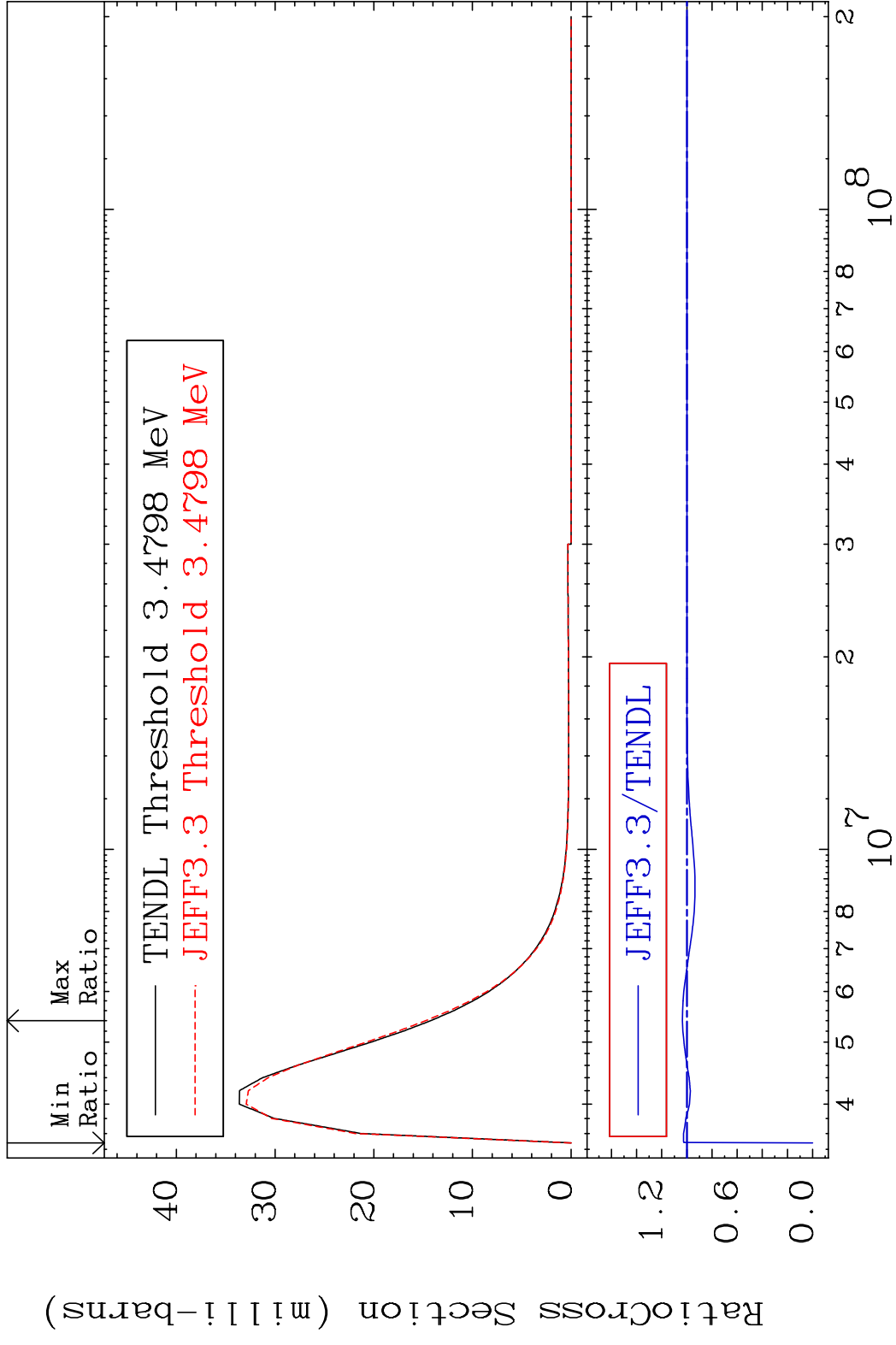
Cross Section -5.993 To 22.92 %



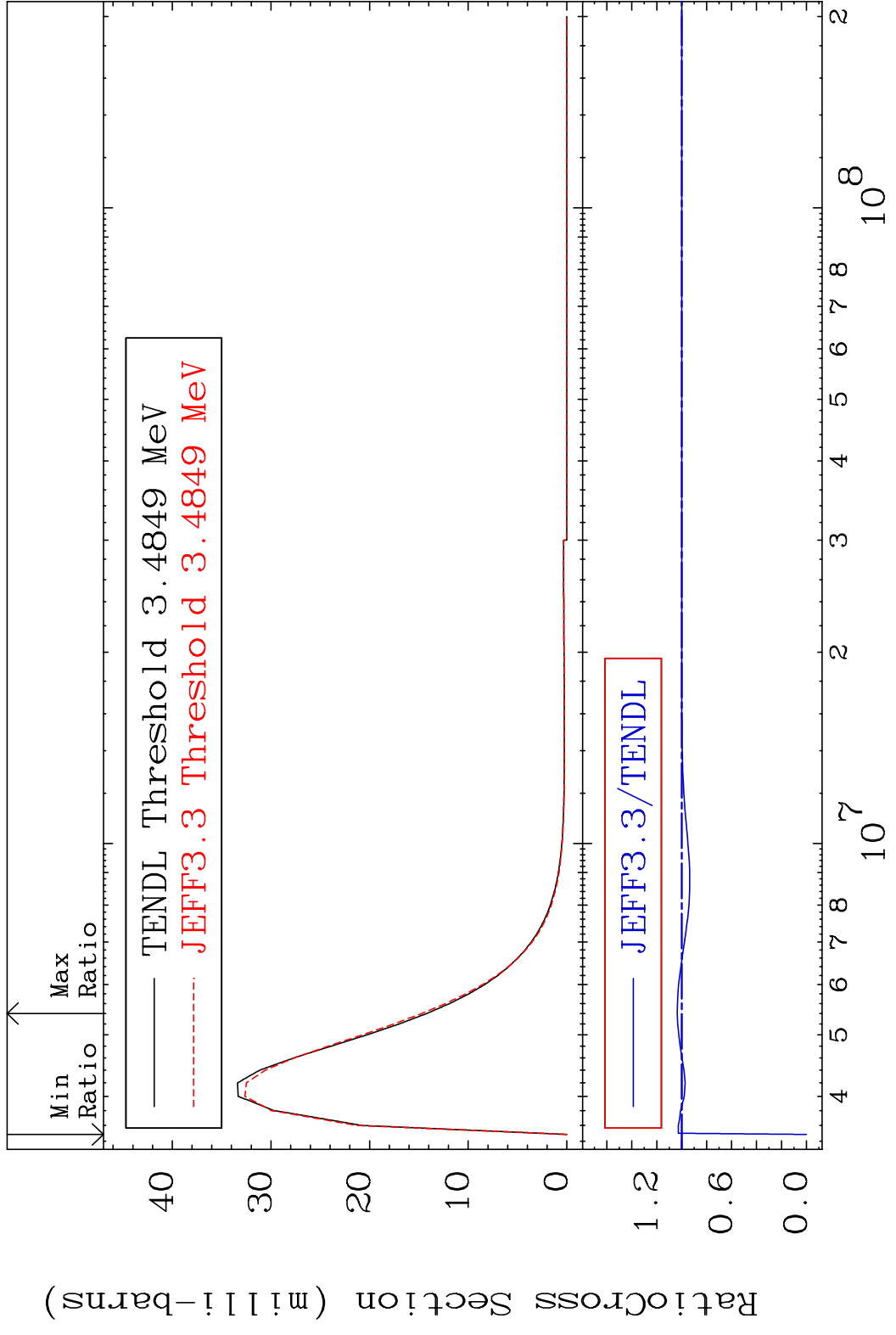
MAT 3031 MT= 69 (n,n') Level 30-Zn-66
 Cross Section -6.580 To 3.549 %



MAT 3031 MT= 70 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 3.605 %

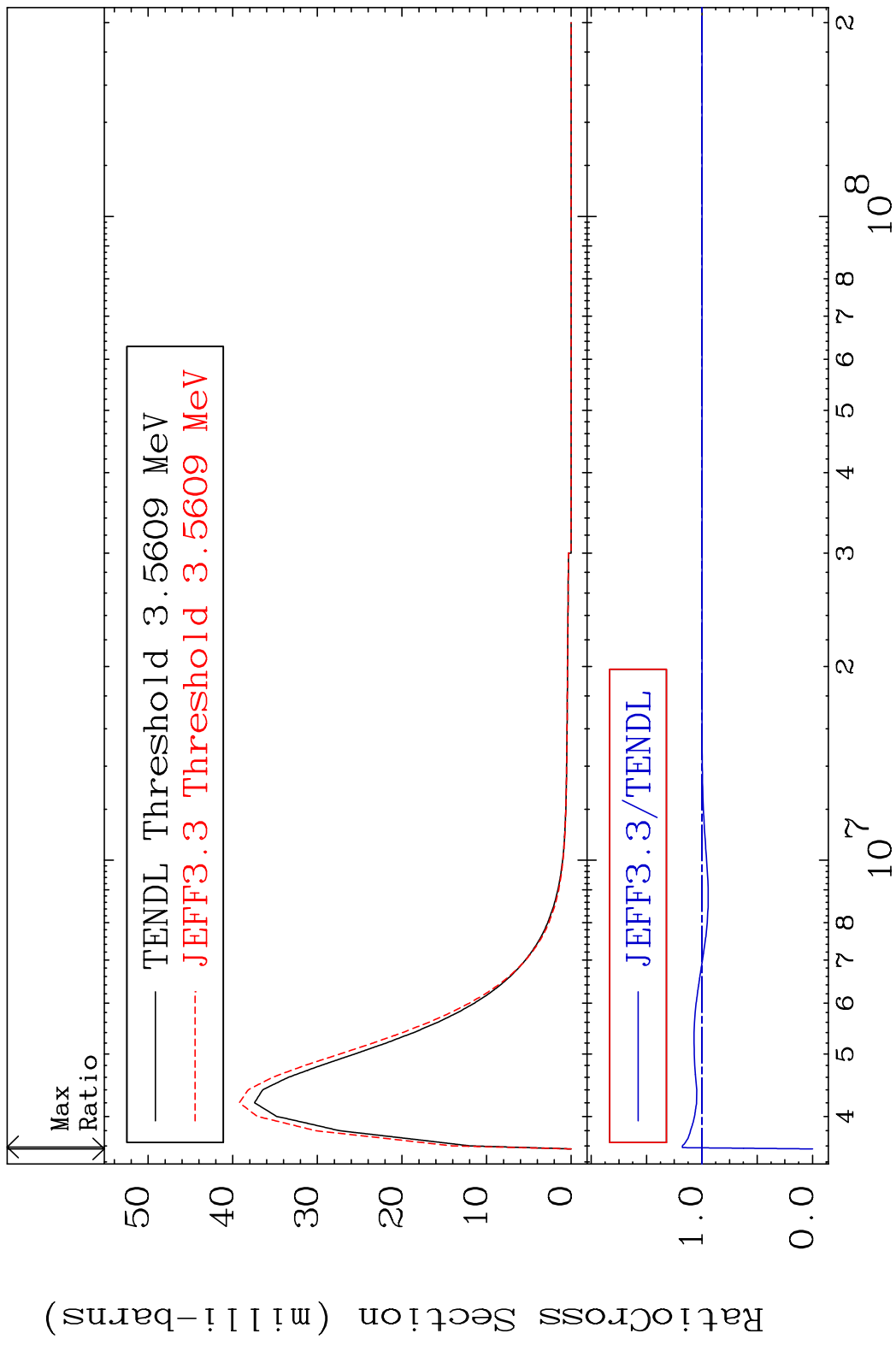


MAT 3031 MT= 71 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 3.608 %



39 Incident Energy (eV) 30-Zn-66

MAT 3031 MT= 72 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 17.66 %

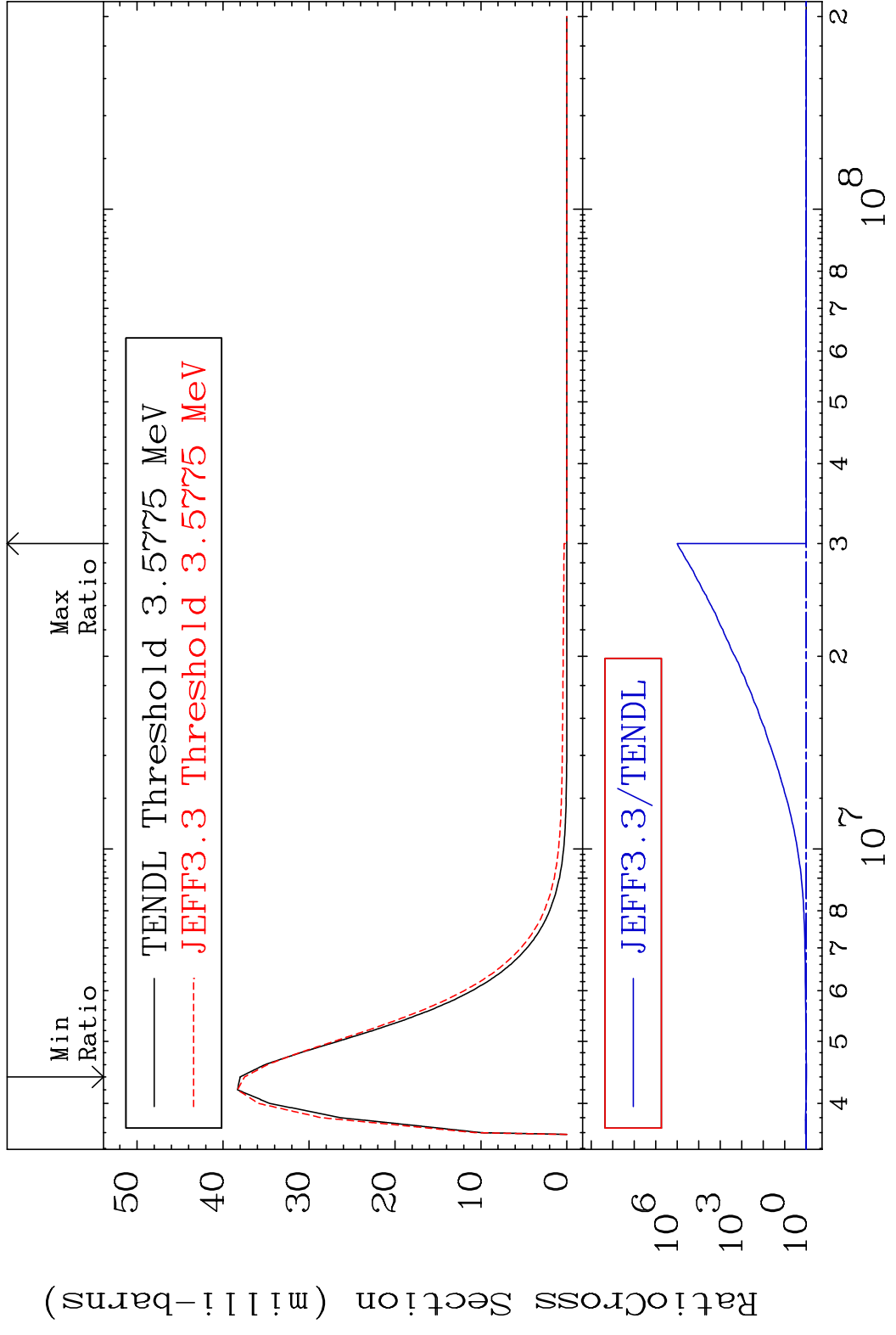


40

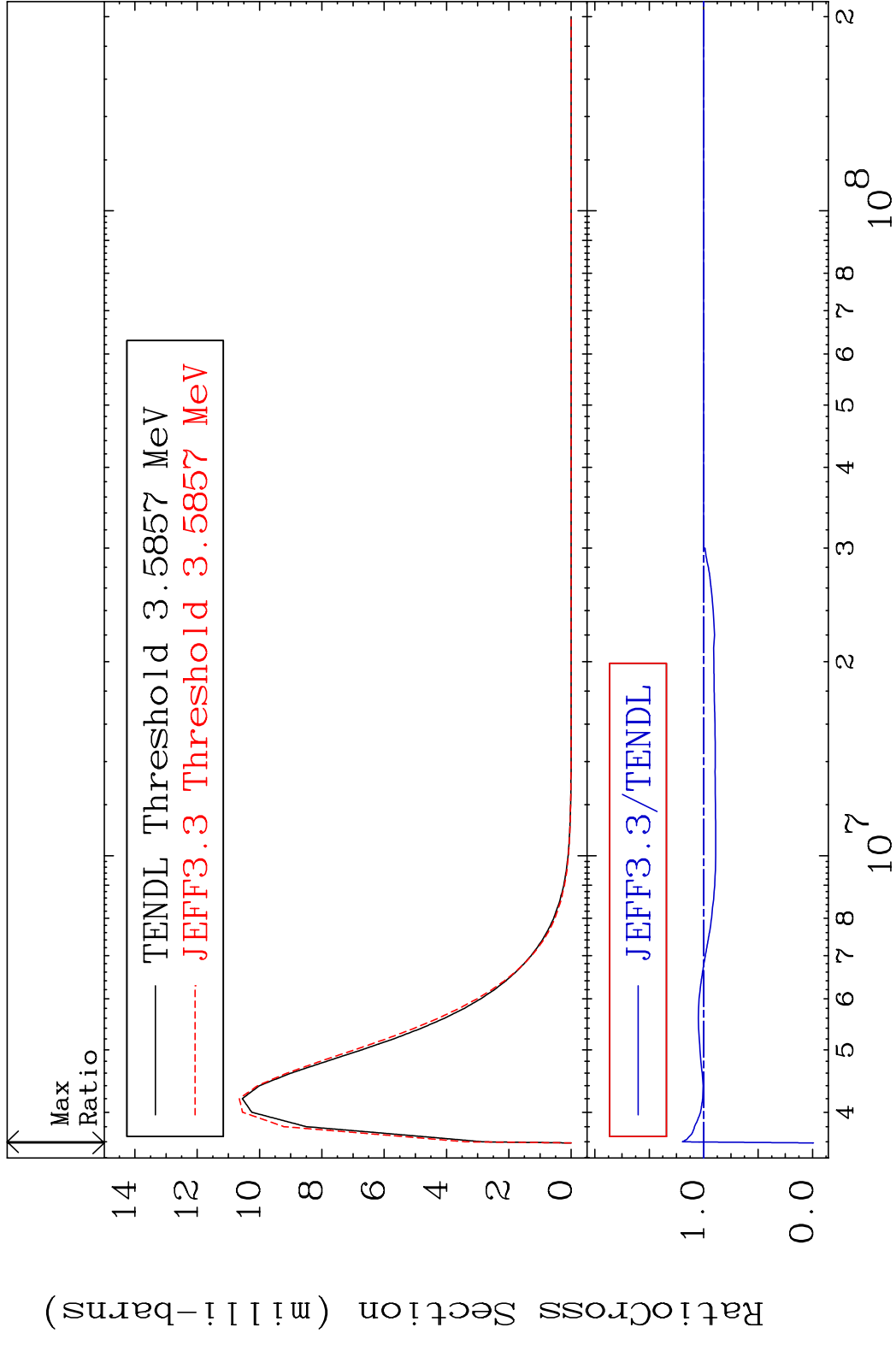
Incident Energy (eV)

30-Zn-66

MAT 3031 MT= 73 (n, n') Level 30-Zn-66
 Cross Section -1.373 To 9999. %

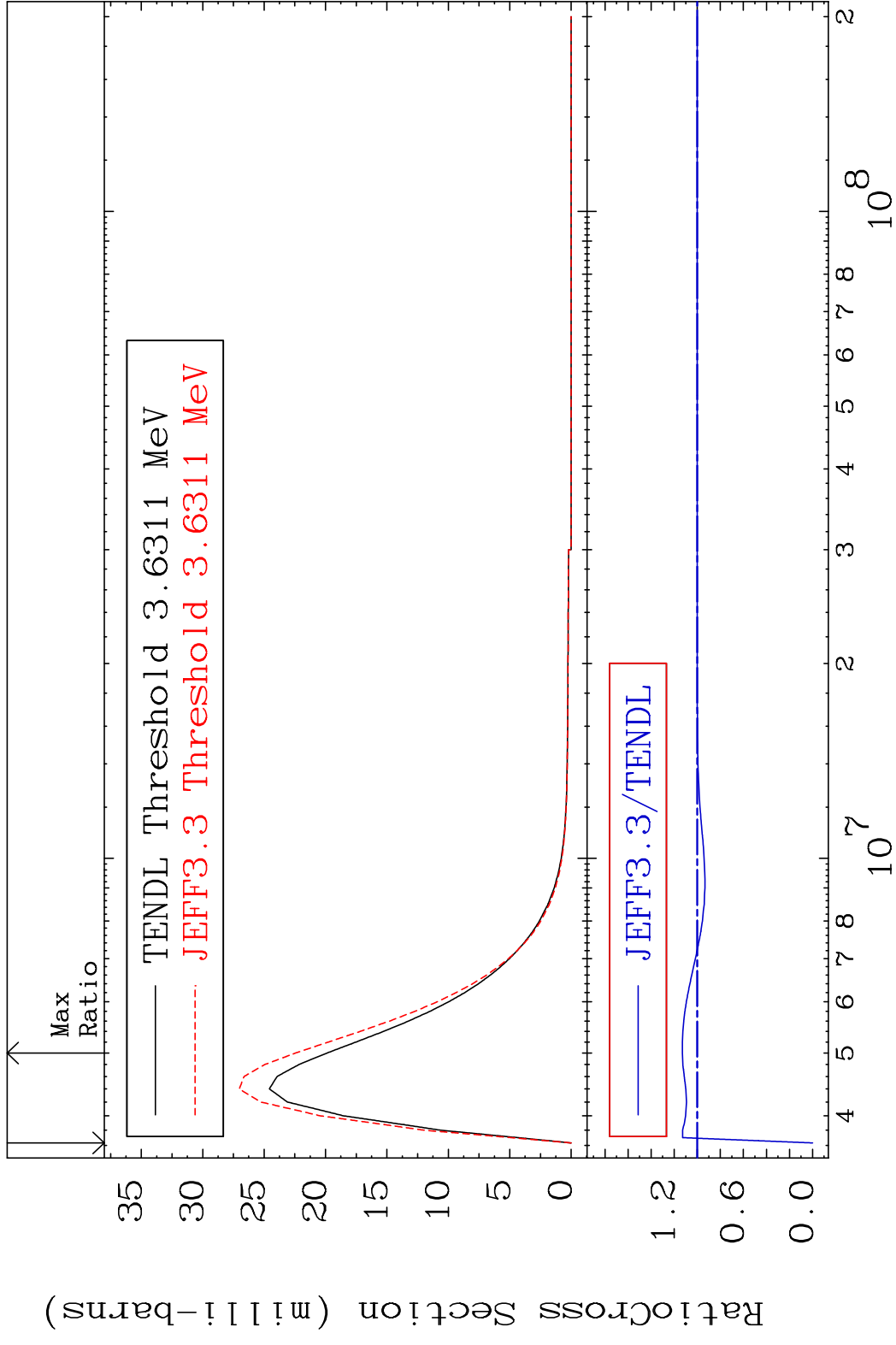


MAT 3031 MT= 74 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 19.61 %

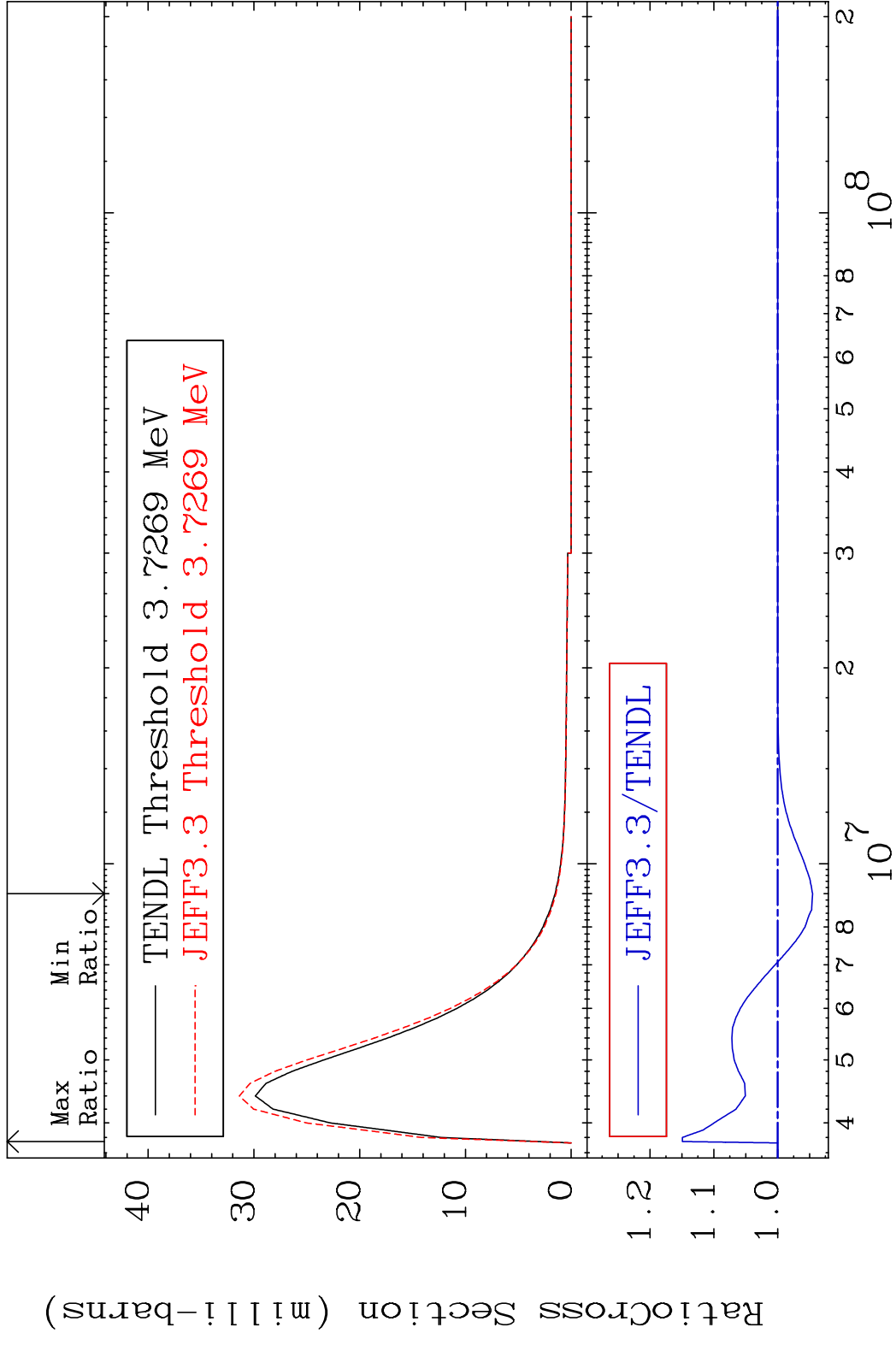


42 30-Zn-66

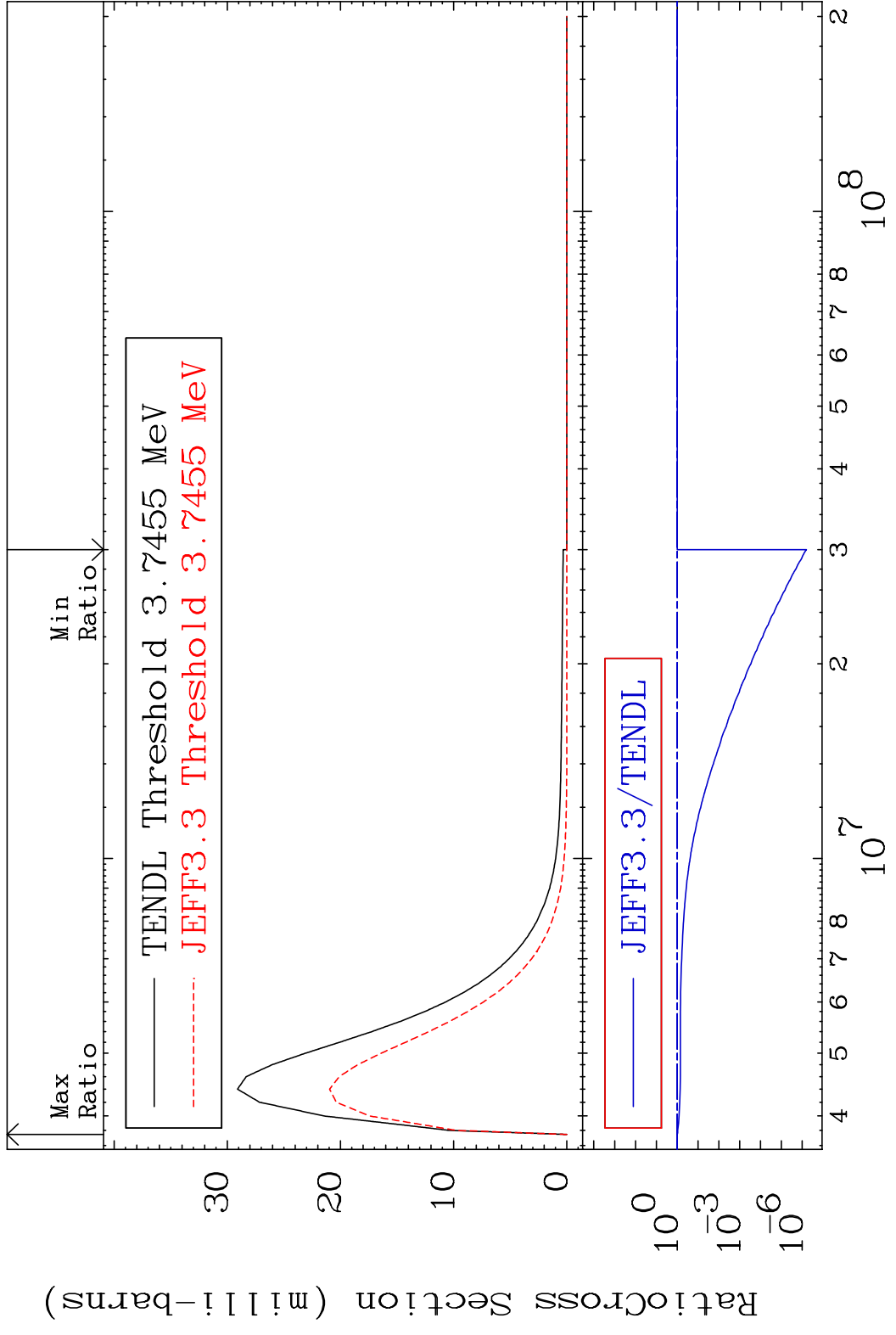
MAT 3031 MT= 75 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 12.90 %



MAT 3031 MT= 76 (n,n') Level 30-Zn-66
 Cross Section -5.475 To 14.93 %

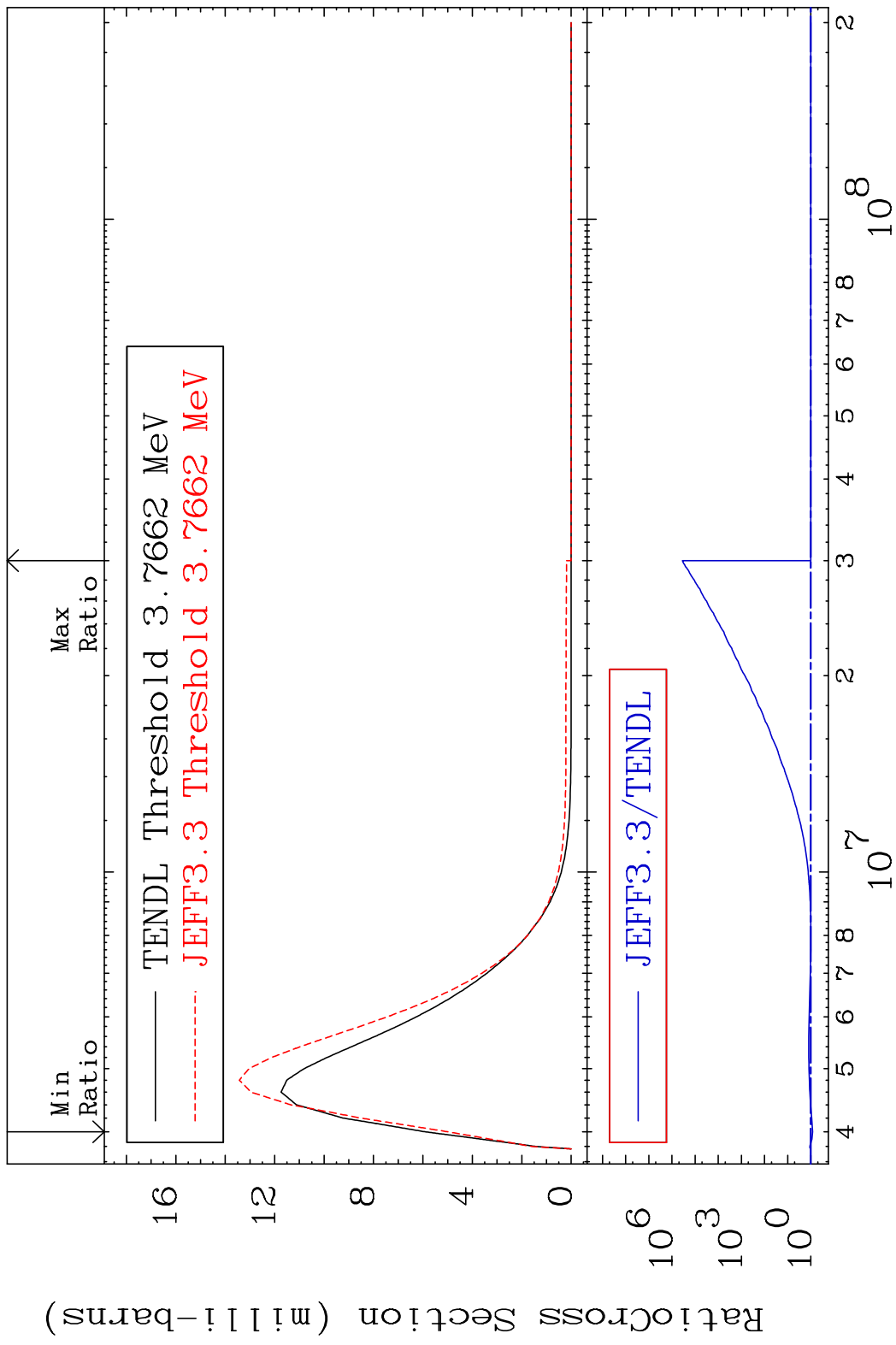


MAT 3031 MT= 77 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 0.000 %

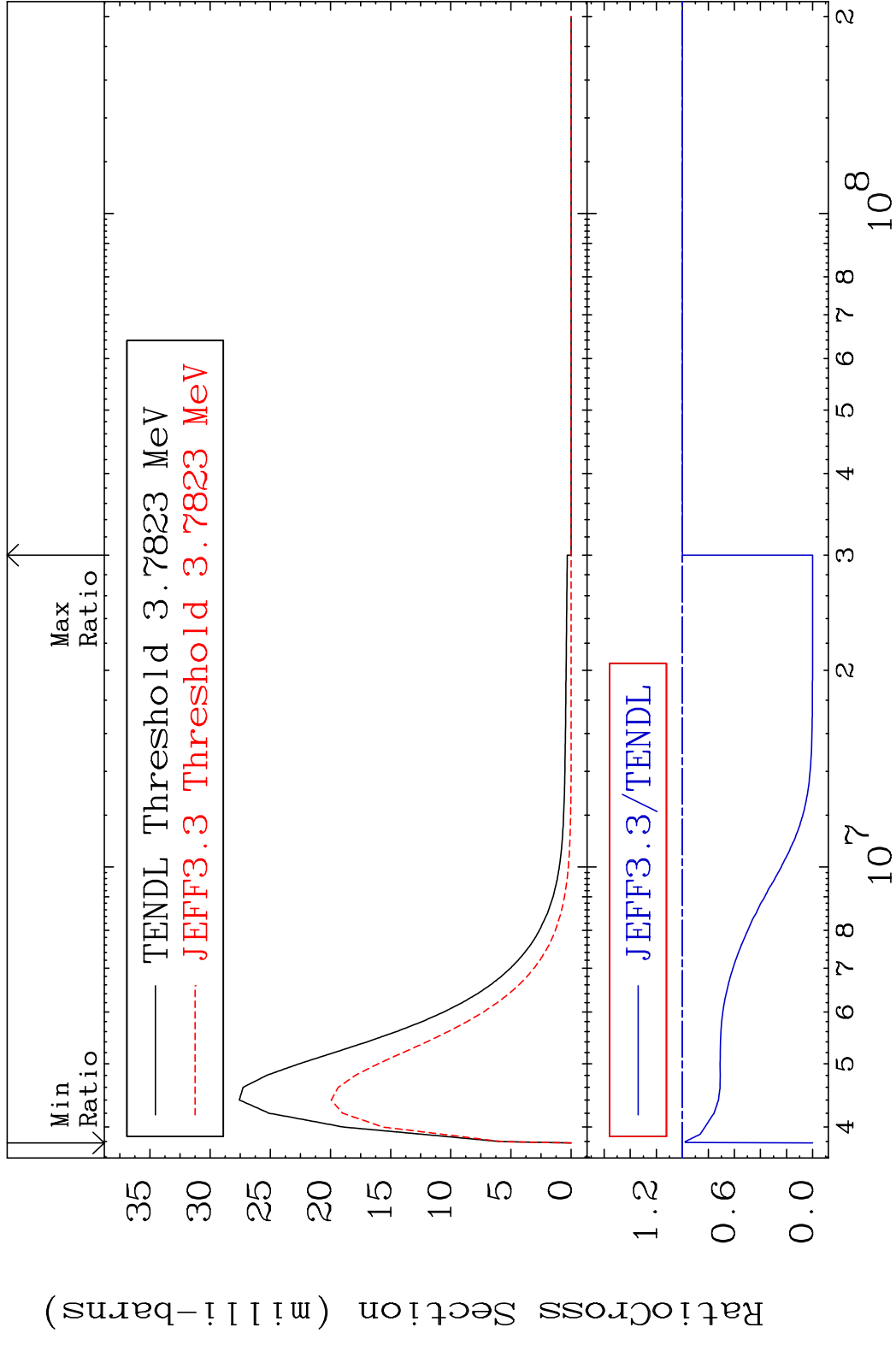


45 Incident Energy (eV) 30-Zn-66

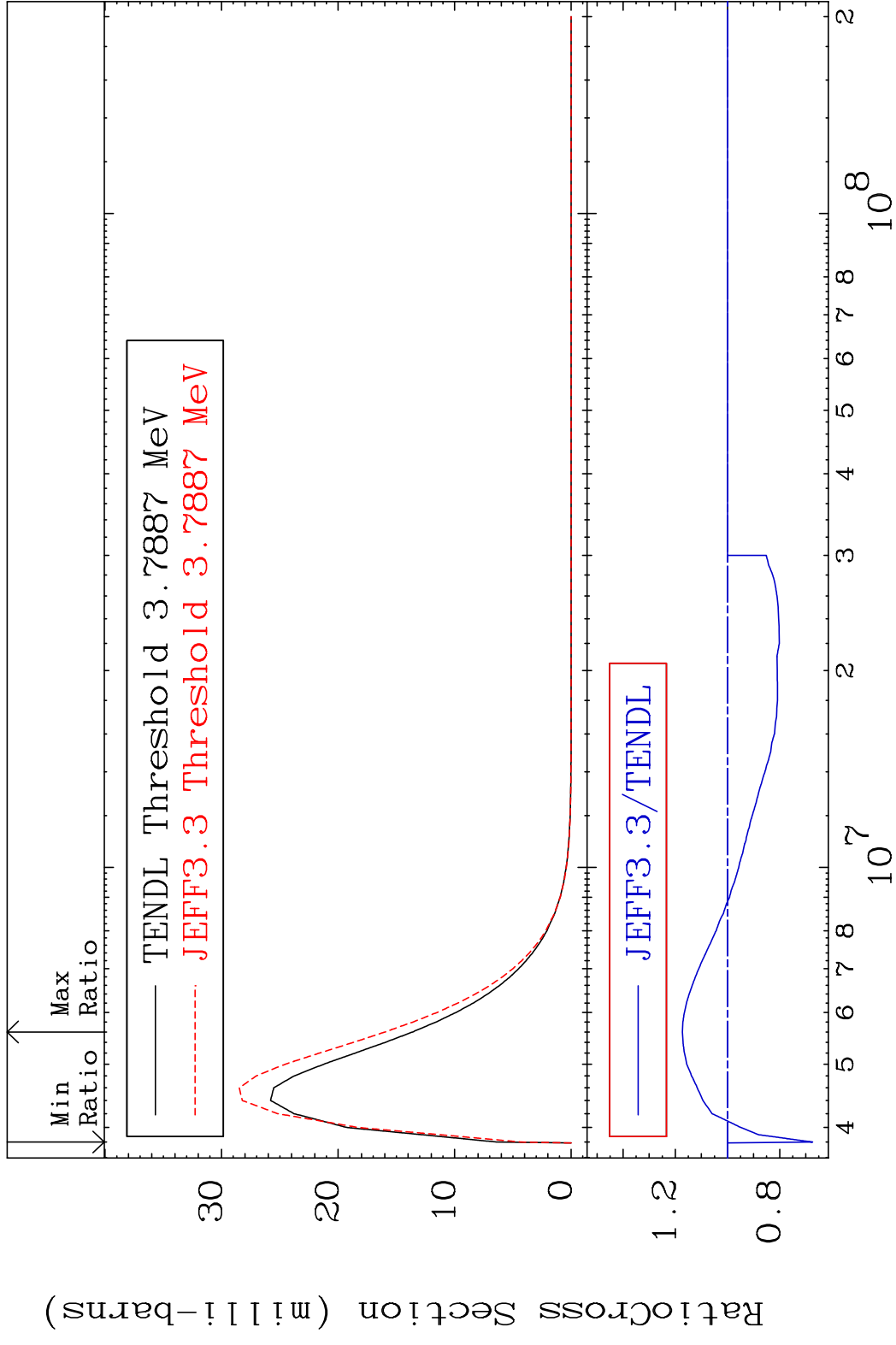
MAT 3031 MT= 78 (n, n') Level 30-Zn-66
 Cross Section -15.53 To 9999. %



MAT 3031 MT= 79 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 0.000 %



MAT 3031 MT= 80 (n,n') Level 30-Zn-66
 Cross Section -32.61 To 17.30 %

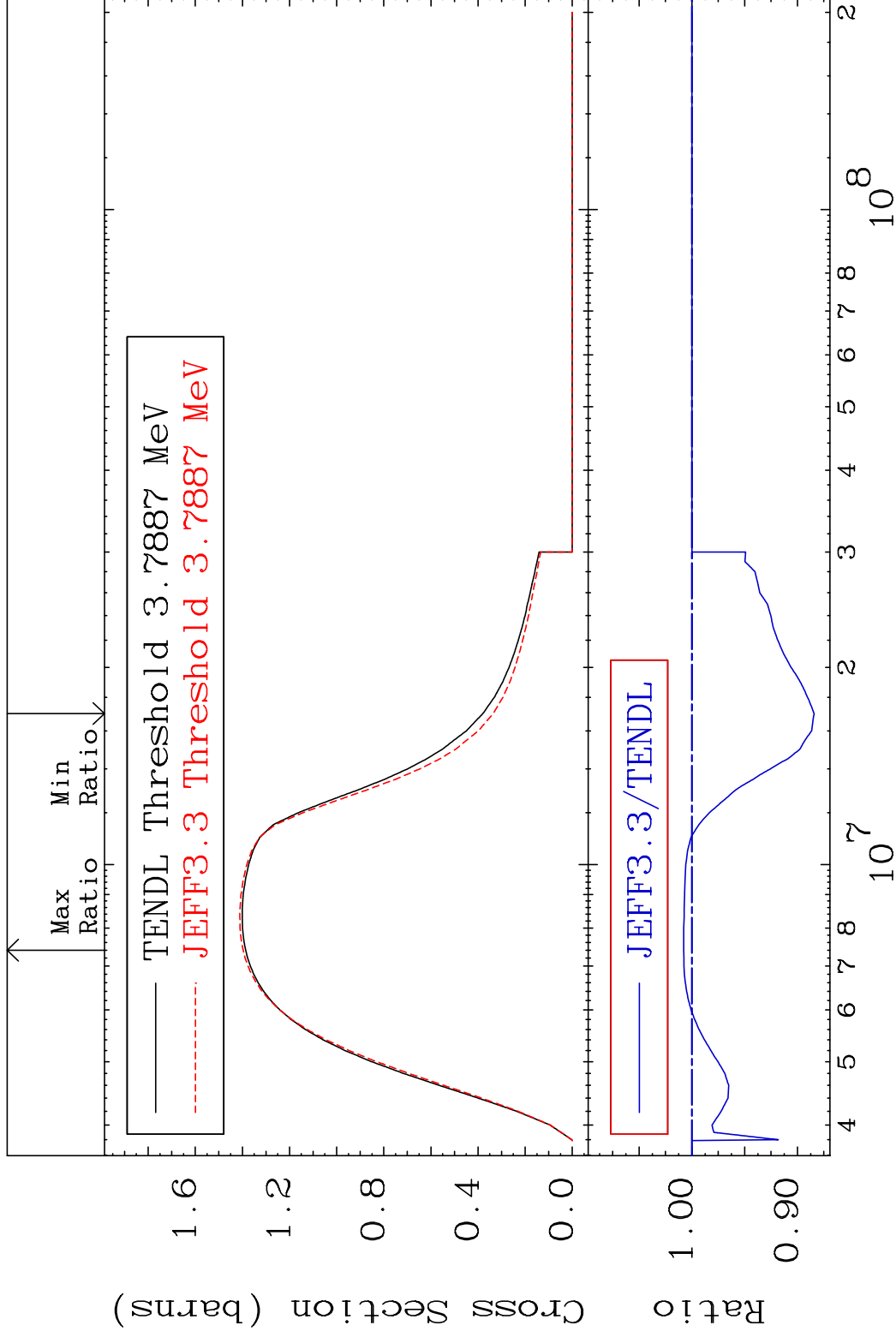


MAT 3031

(n,n') Continuum

30-Zn-66

Cross Section -11.58 To 0.780 %



49

Incident Energy (eV)

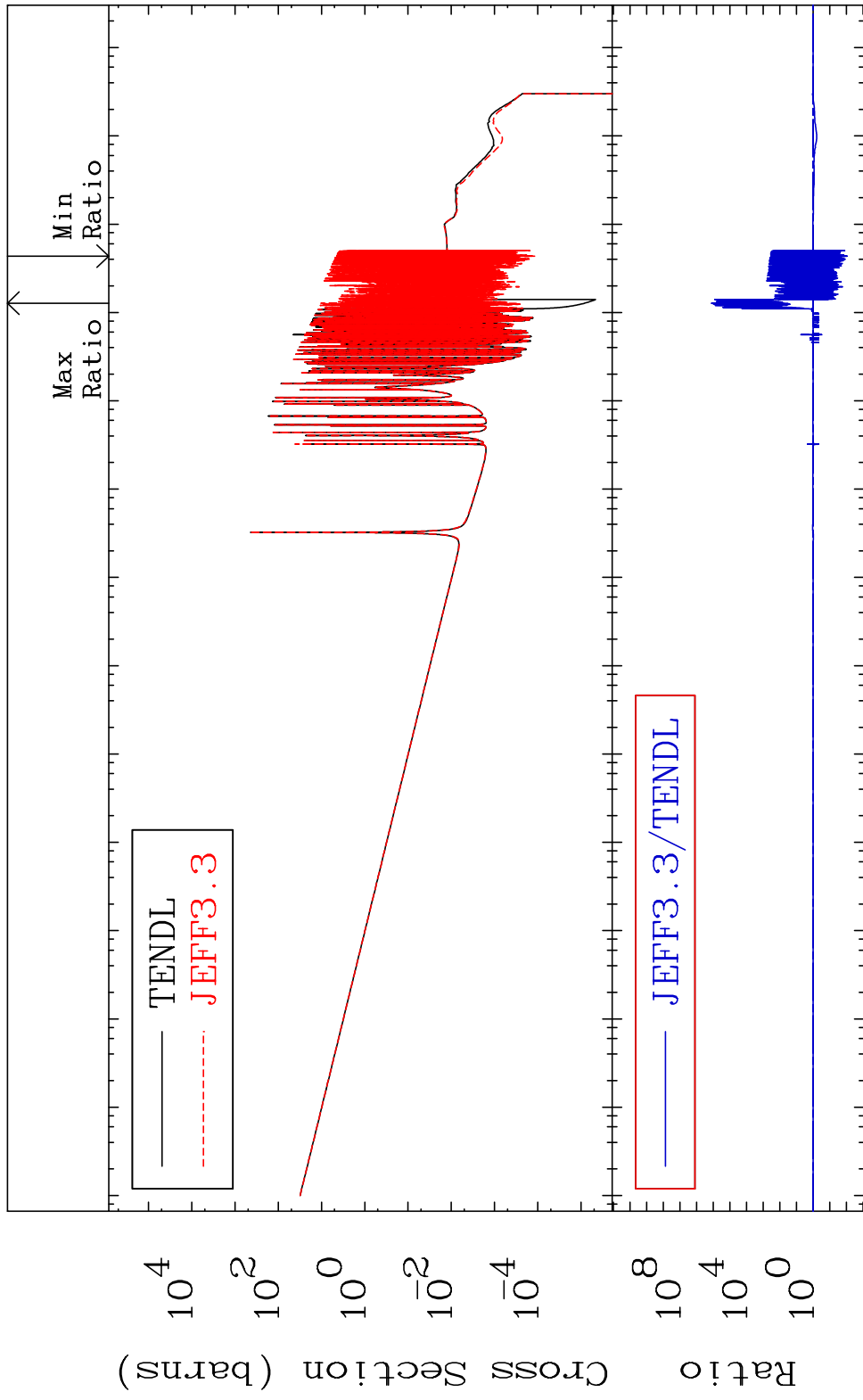
30-Zn-66

MAT 3031

(n, γ)

30-Zn-66

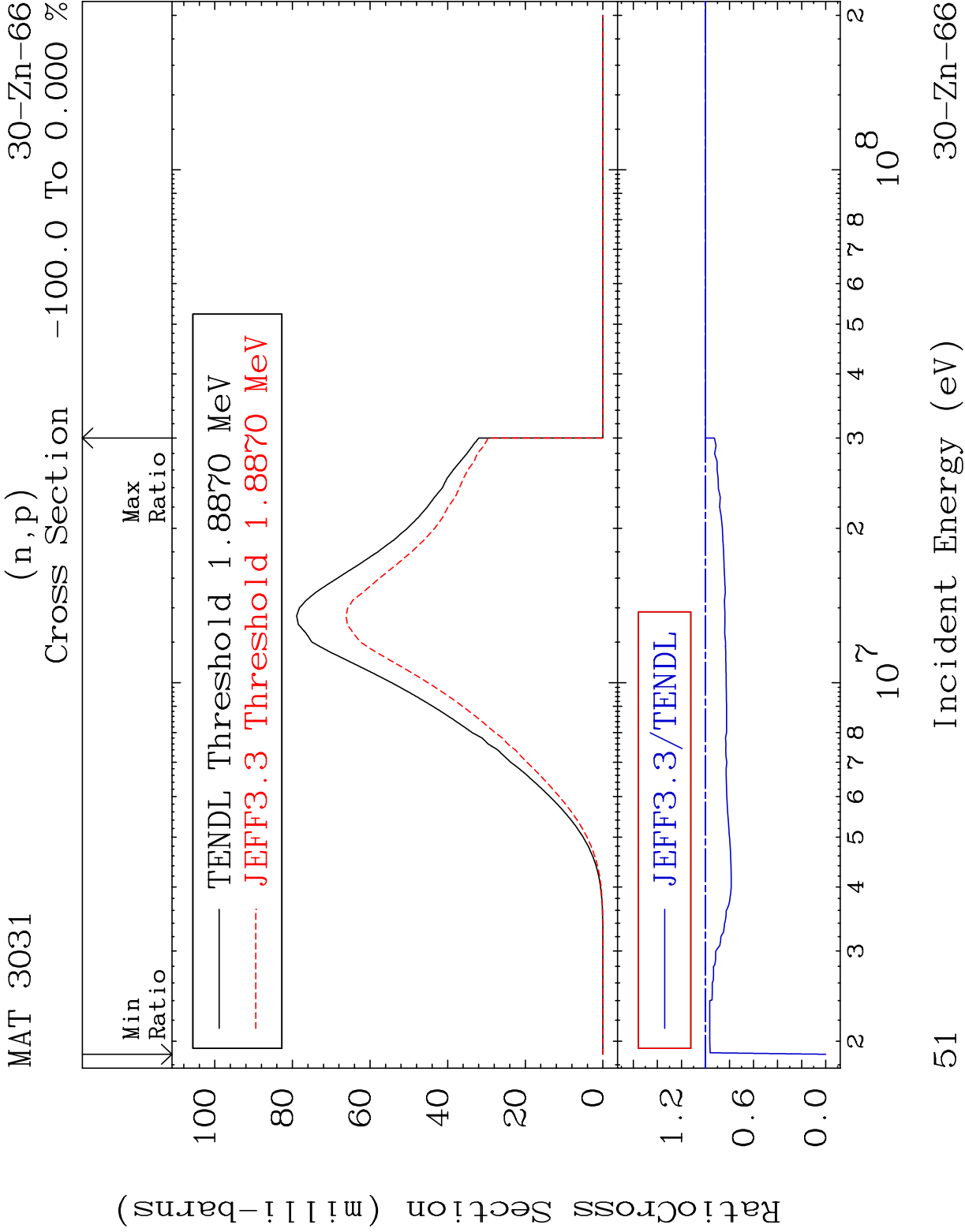
Cross Section -99.13 To 9999. %

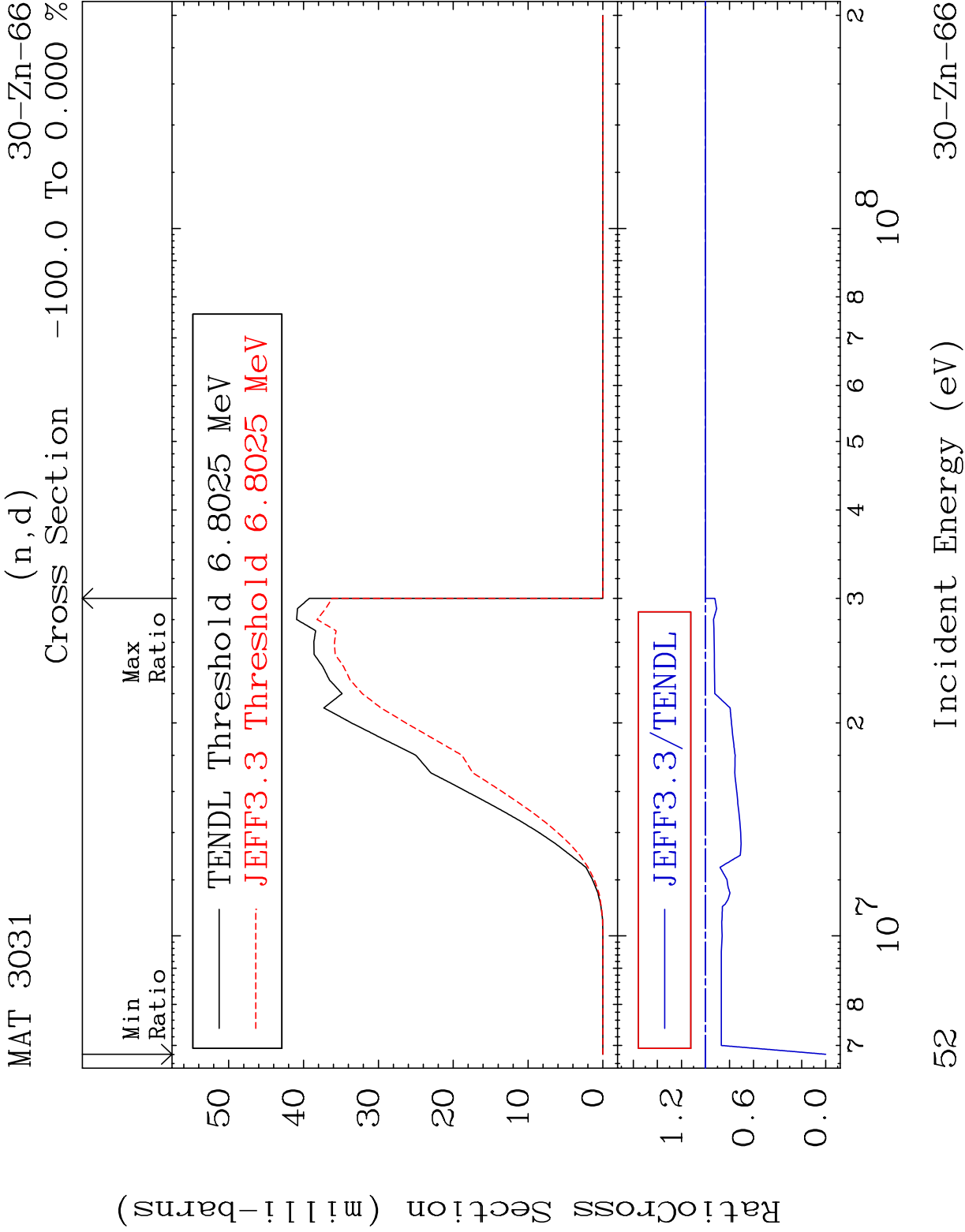


50

Incident Energy (eV)

30-Zn-66



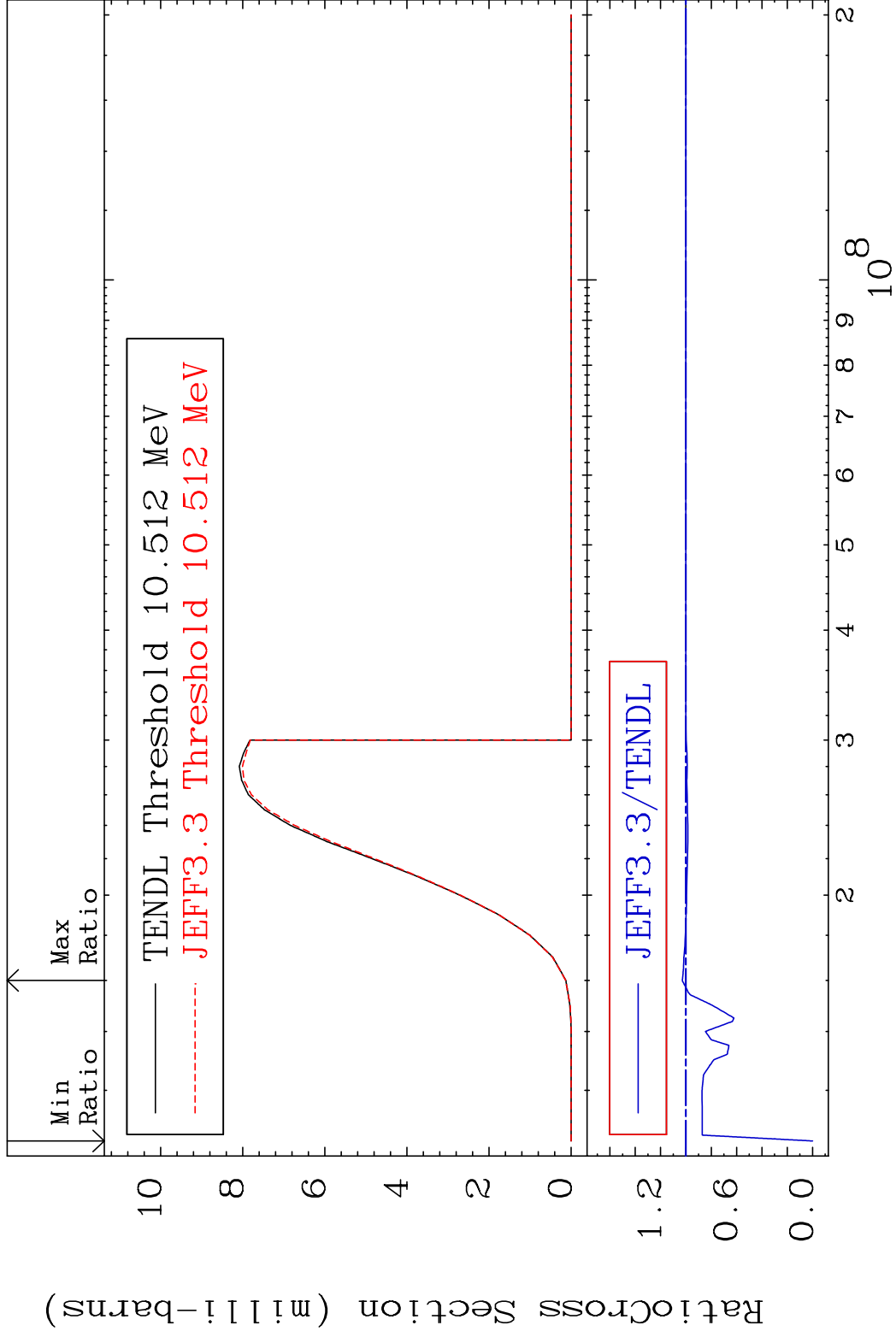


MAT 3031

(n, t)

30-Zn-66

Cross Section -100.0 To 2.817 %



53

Incident Energy (eV)

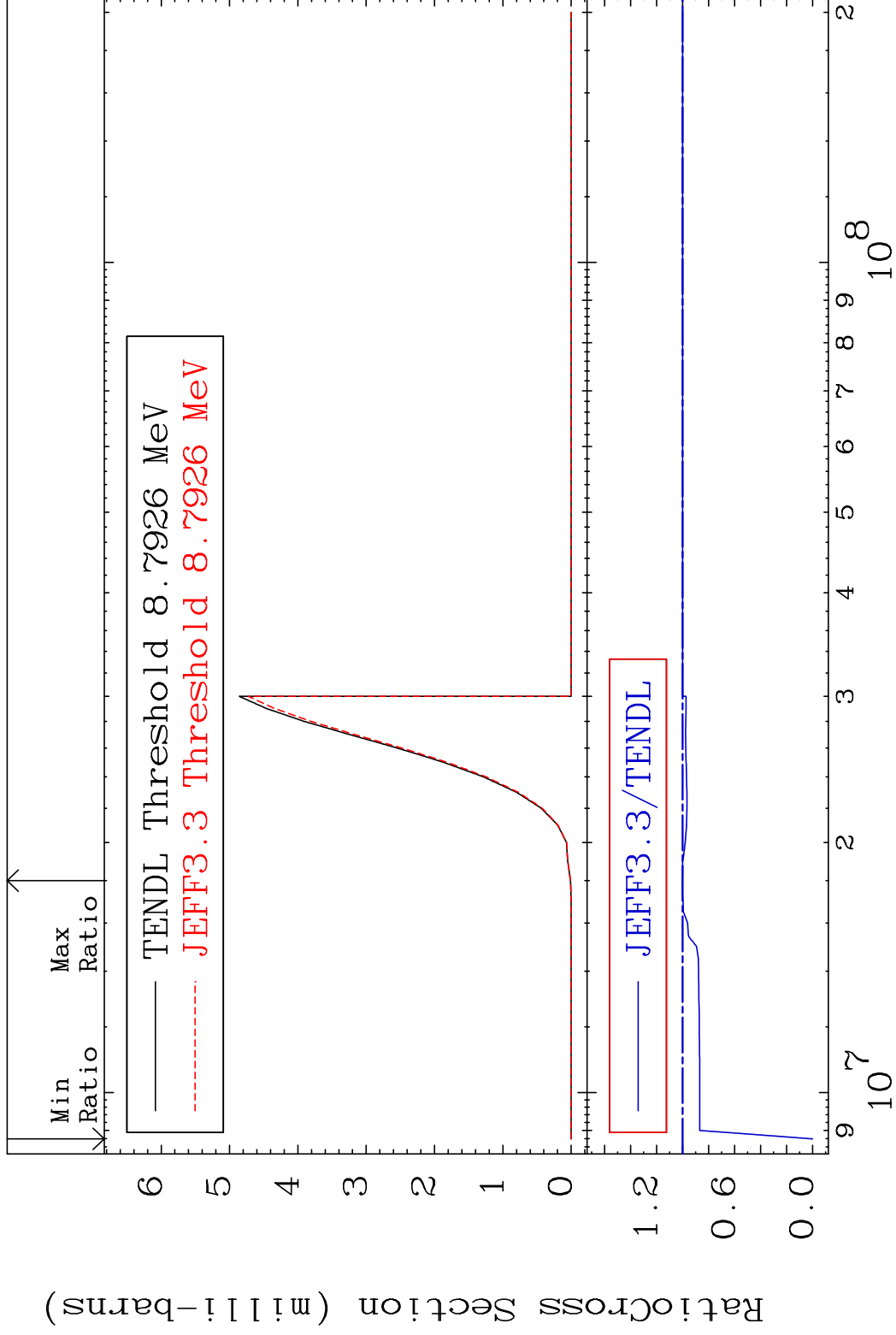
30-Zn-66

MAT 3031

(n, He-3)

30-Zn-66

Cross Section -100.0 To 0.158 %



54

Incident Energy (eV)

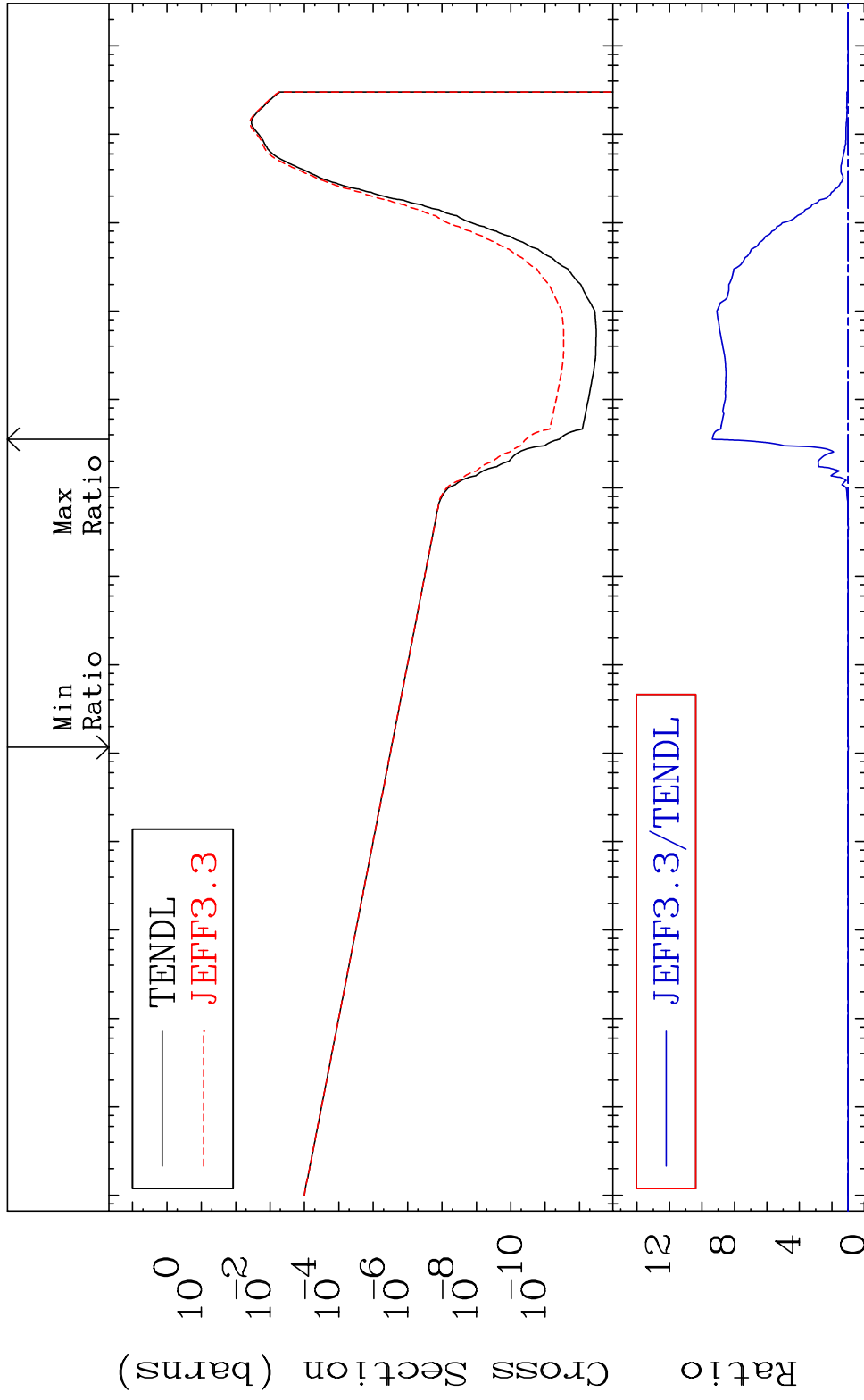
30-Zn-66

MAT 3031

30-Zn-66

(n, α)

Cross Section -1.079 To 836.1 %

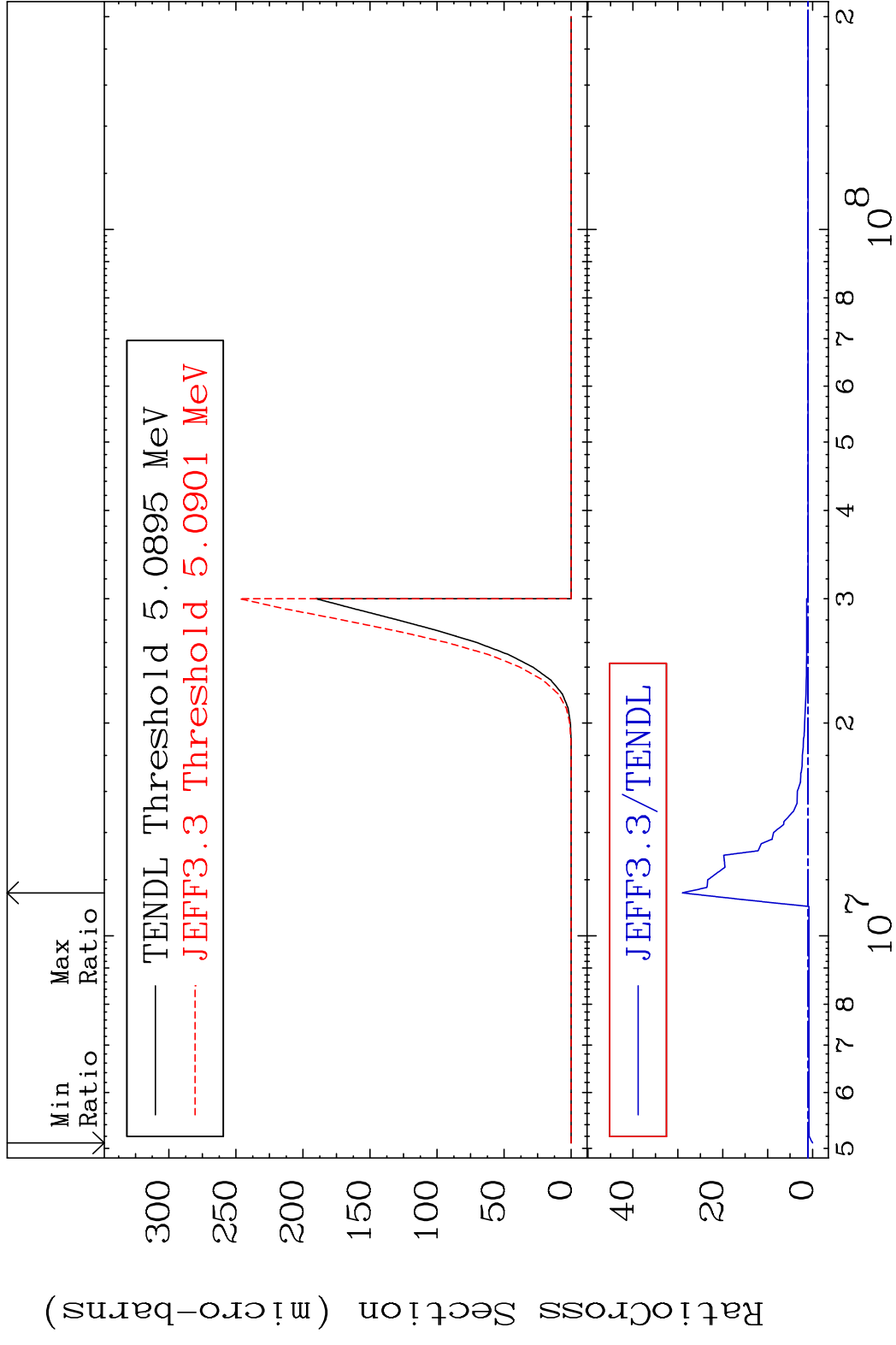


55

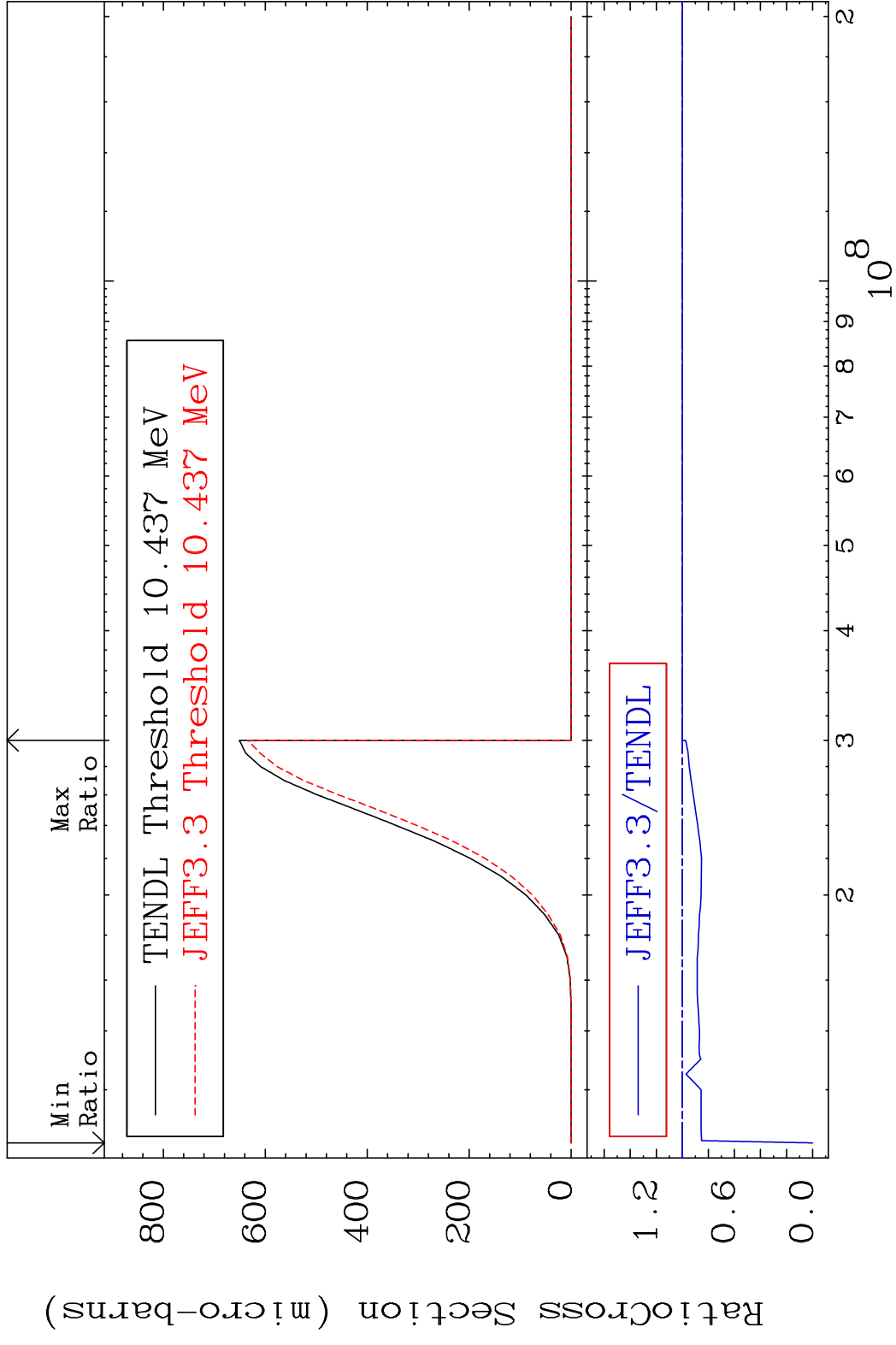
Incident Energy (eV)

30-Zn-66

MAT 3031 (n,2α) 30-Zn-66
 Cross Section -100.0 To 2800. %



MAT 3031 (n,2p) 30-Zn-66
 Cross Section -100.0 To 0.000 %

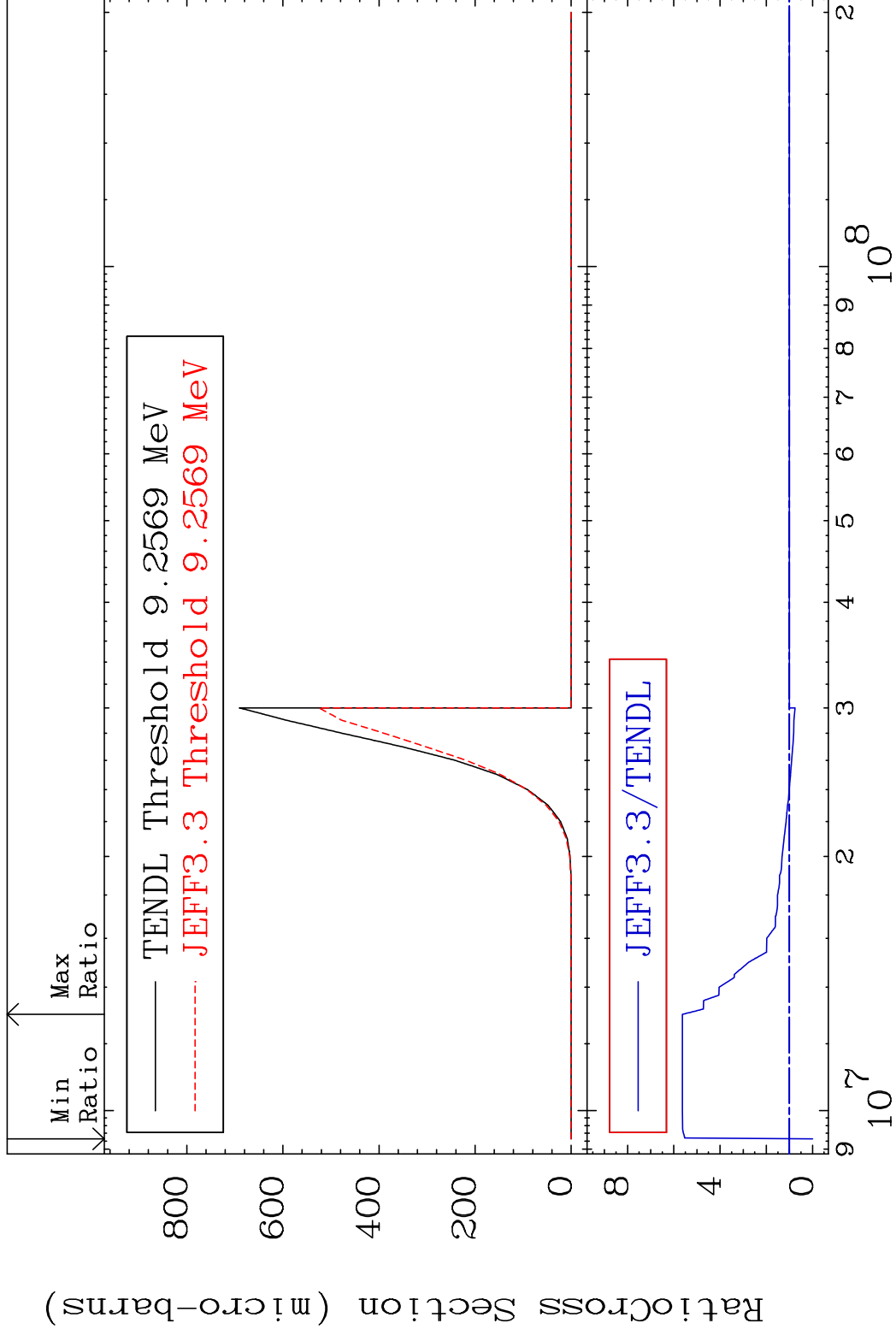


MAT 3031

(n,p) α

30-Zn-66

Cross Section -100.0 To 463.0 %

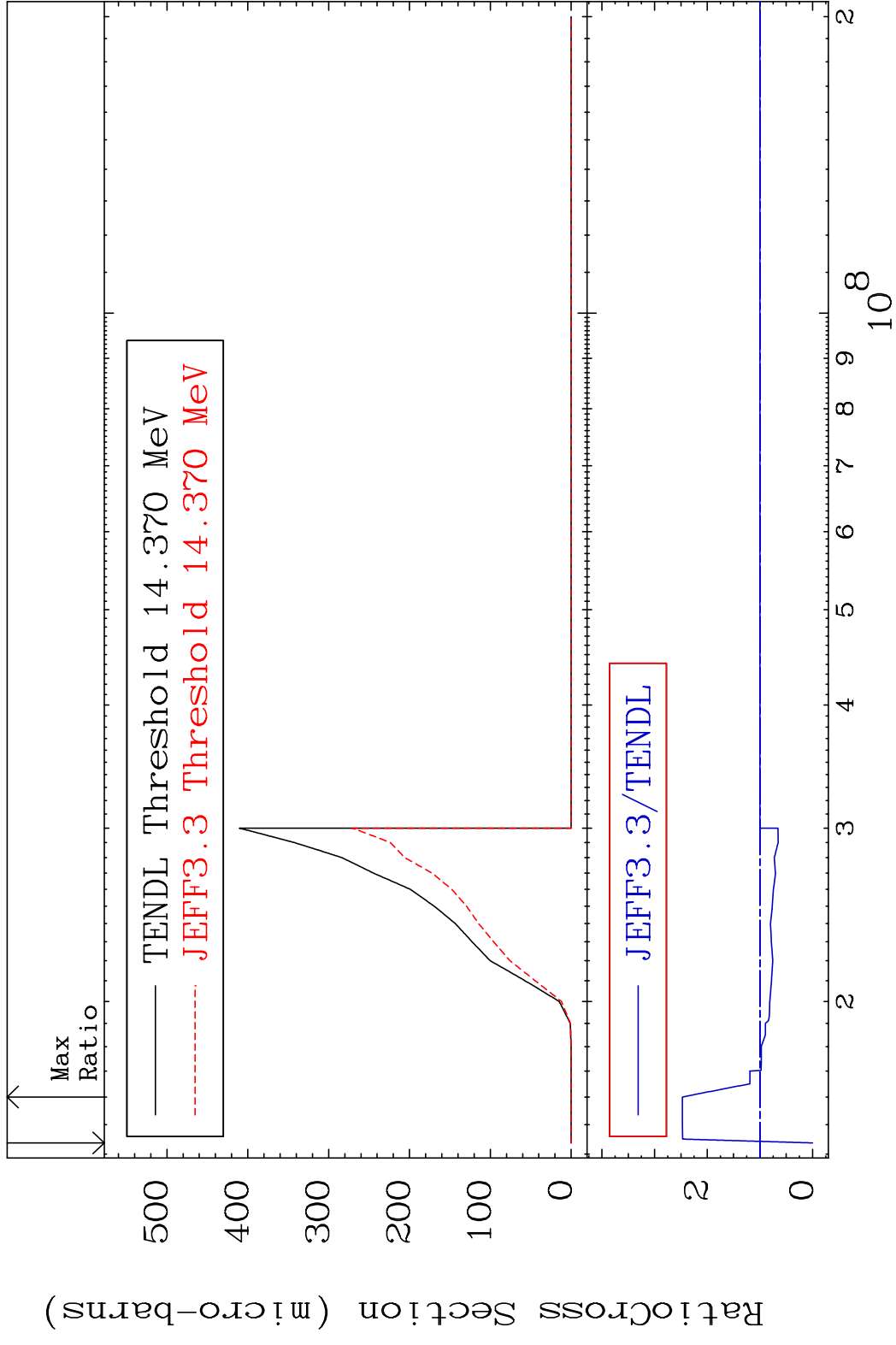


58

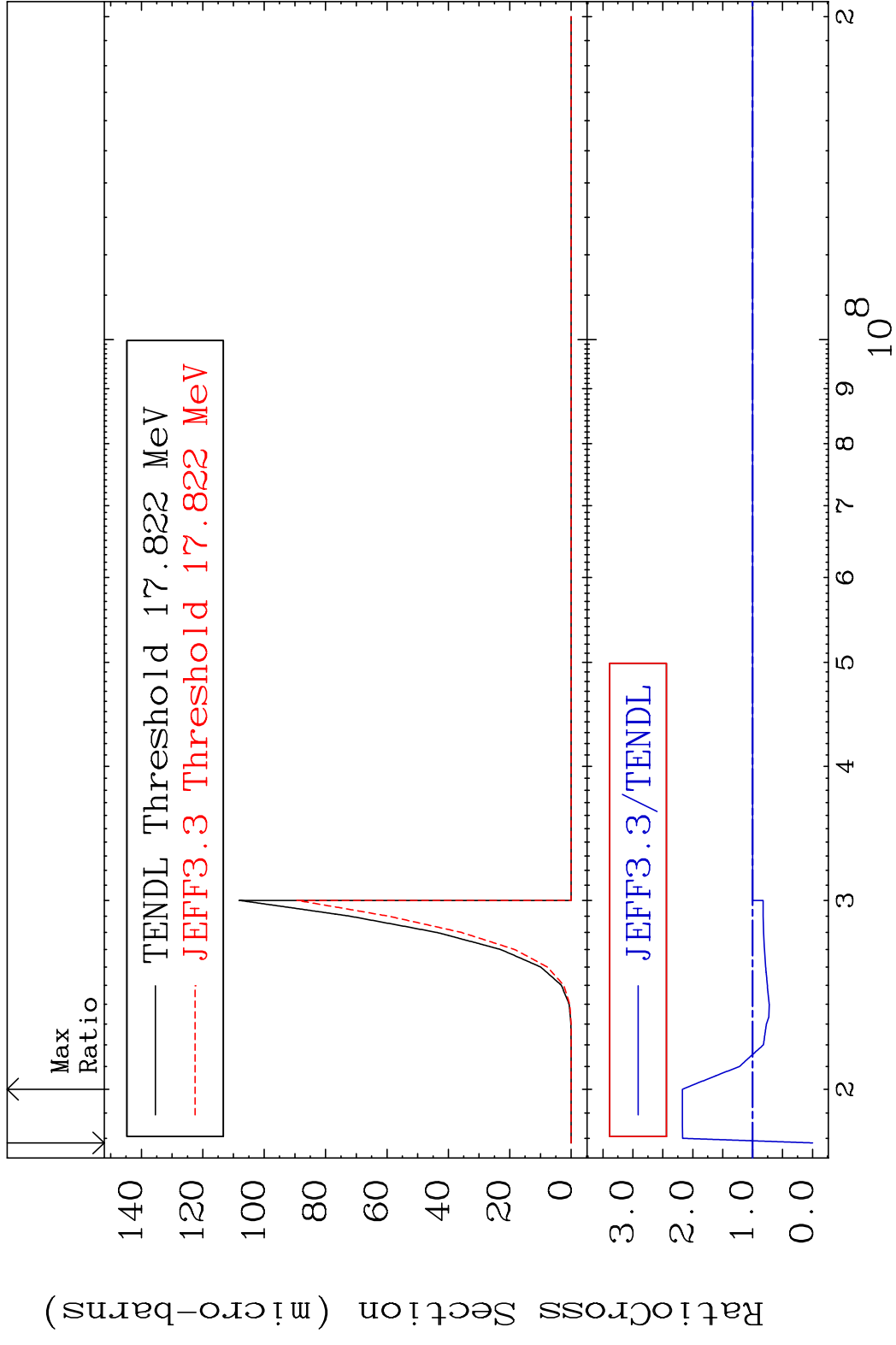
Incident Energy (eV)

30-Zn-66

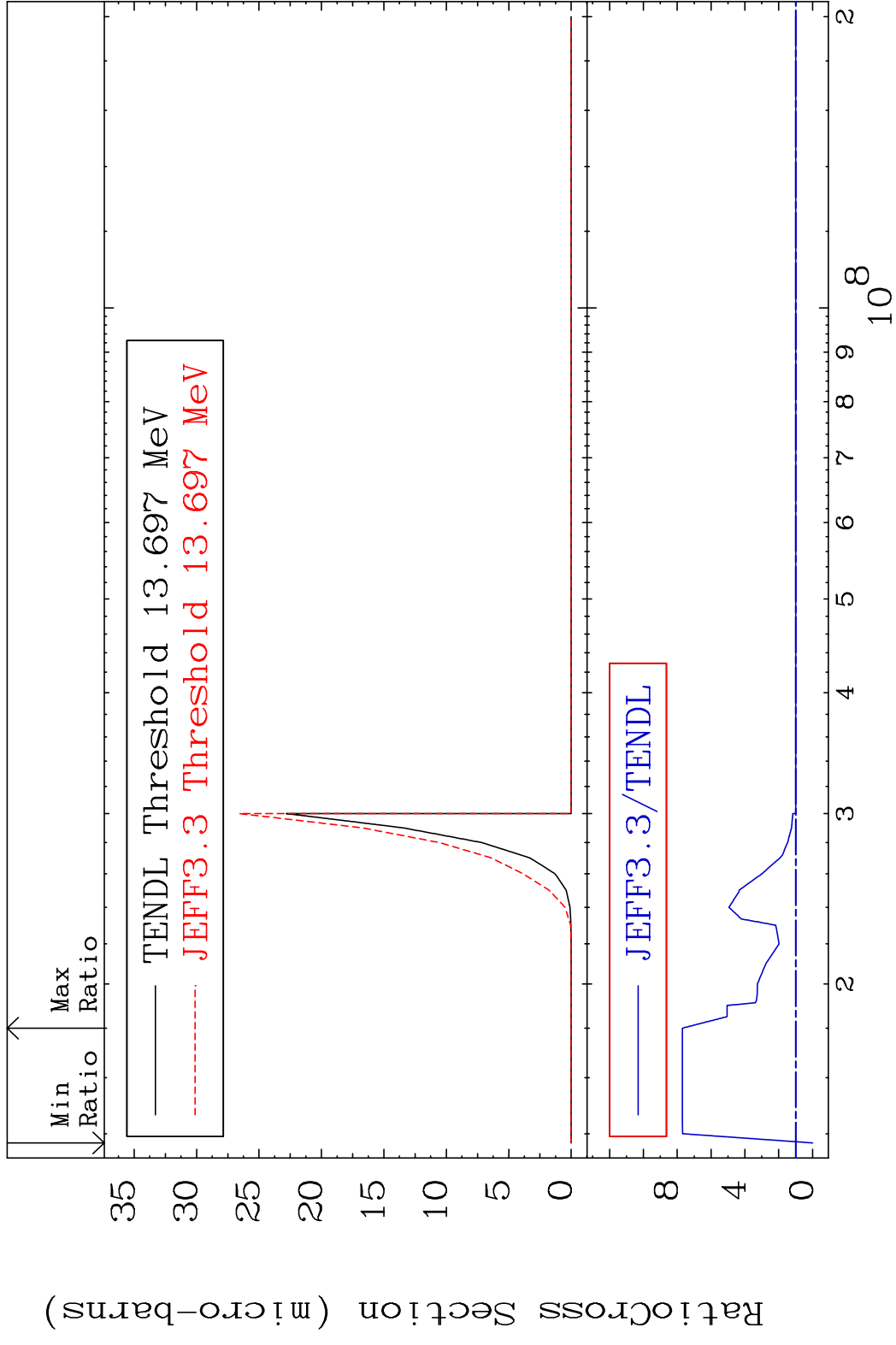
MAT 3031 (n,p) d 30-Zn-66
 Cross Section -100.0 To 147.3 %



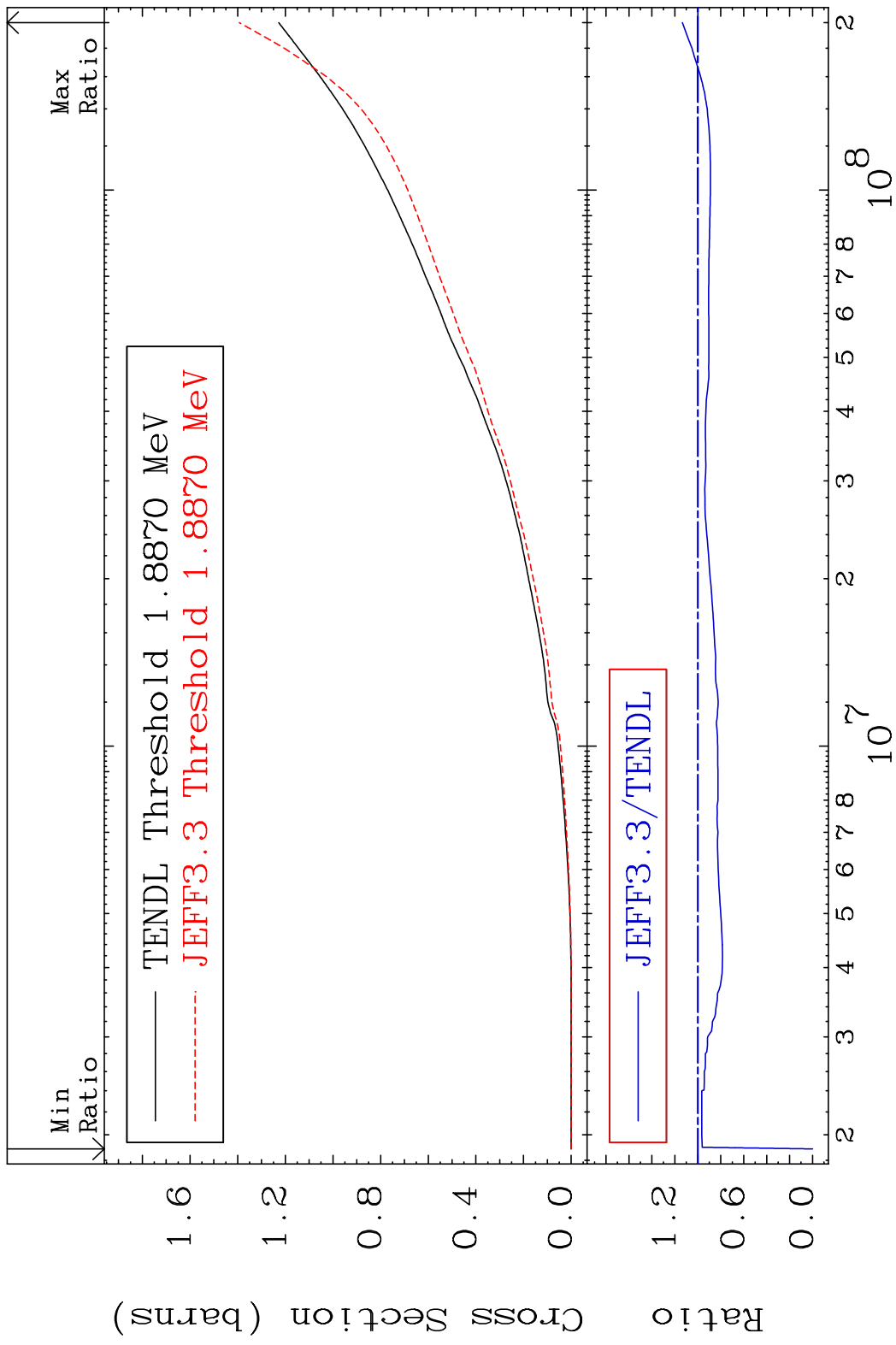
MAT 3031 (n,p) t 30-Zn-66
 Cross Section -100.0 To 117.4 %



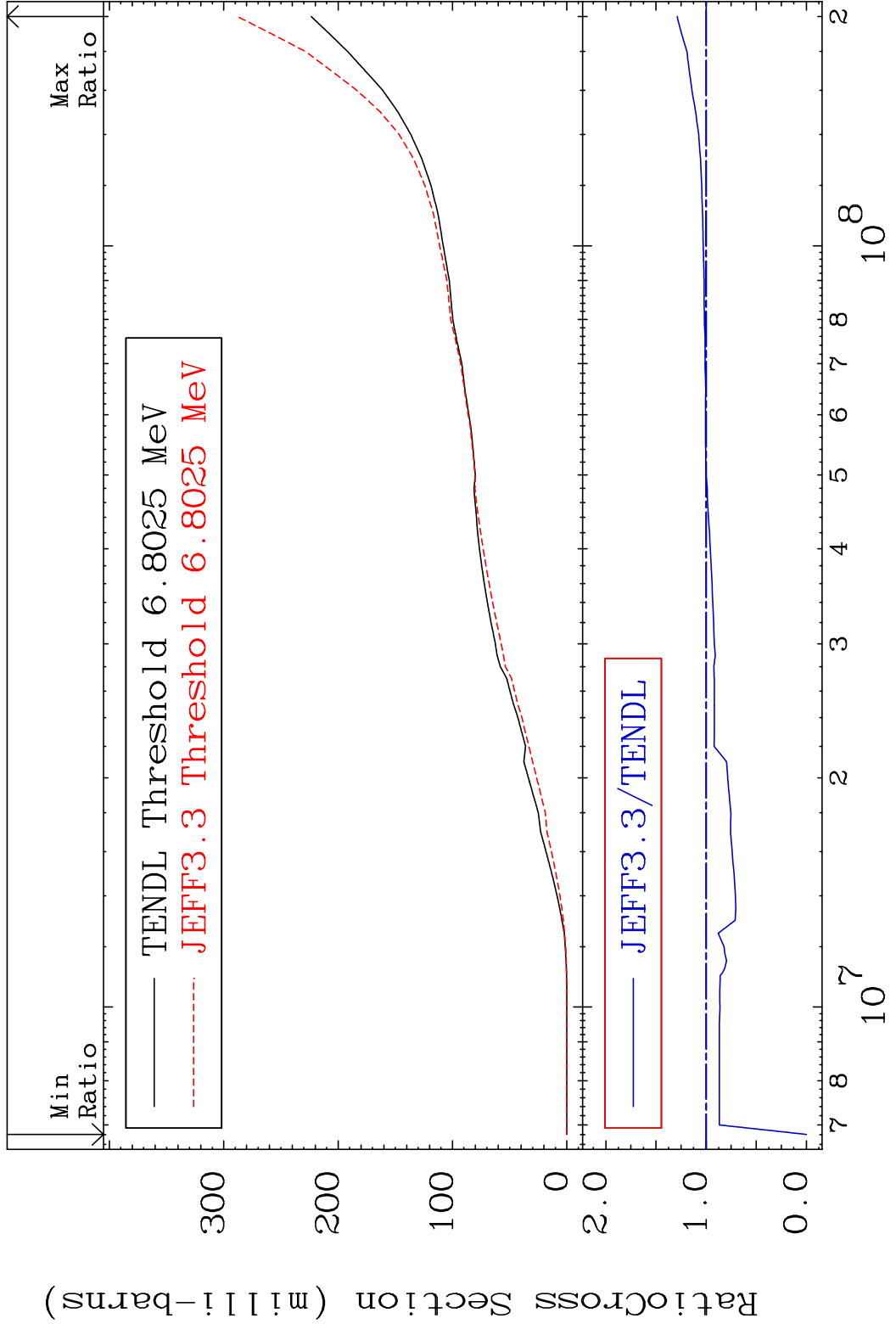
MAT 3031 (n,d) α 30-Zn-66
 Cross Section -100.0 To 669.7 %



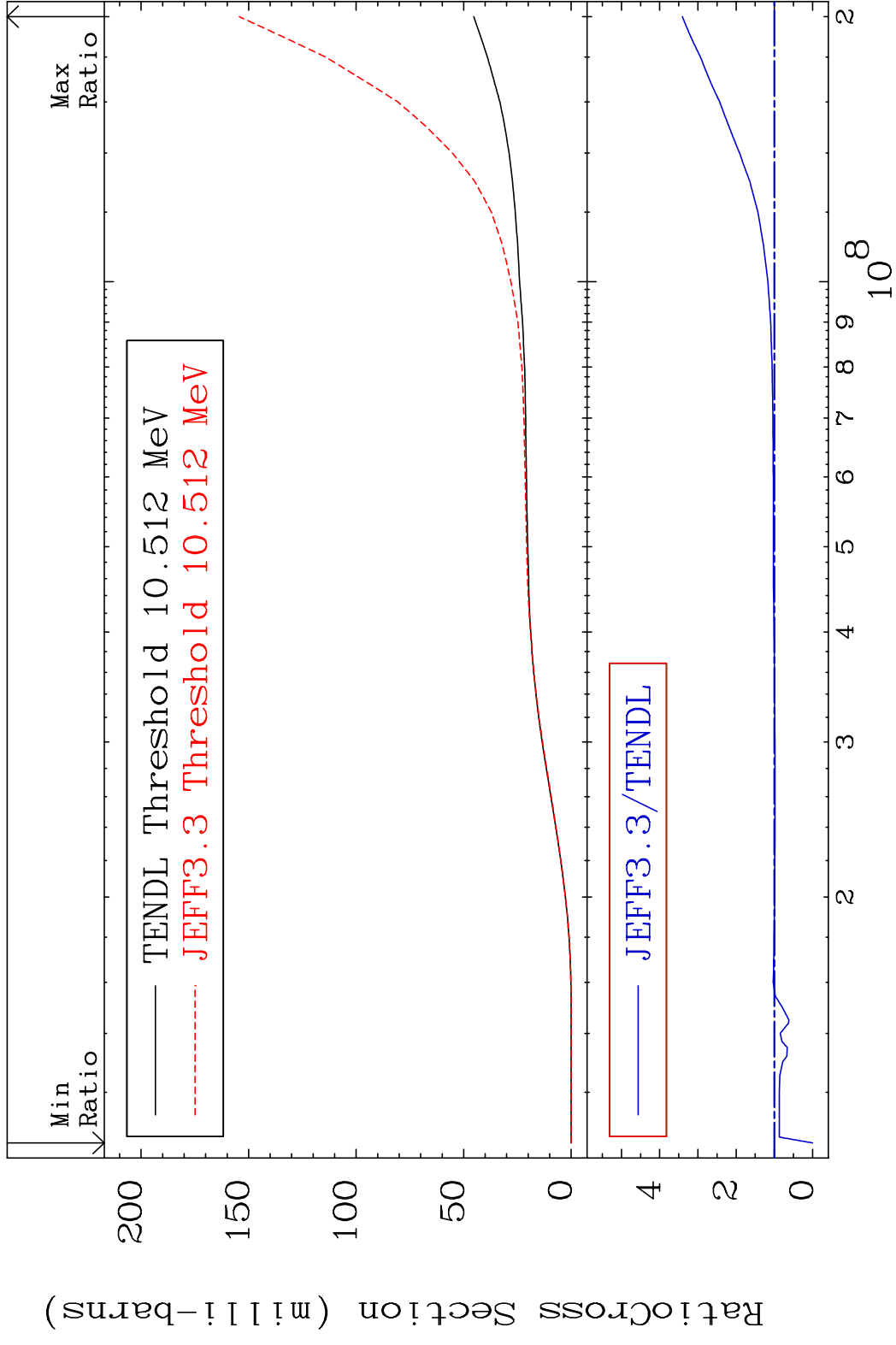
MAT 3031 Hydrogen Production 30-Zn-66
 Cross Section -100.0 To 13.48 %



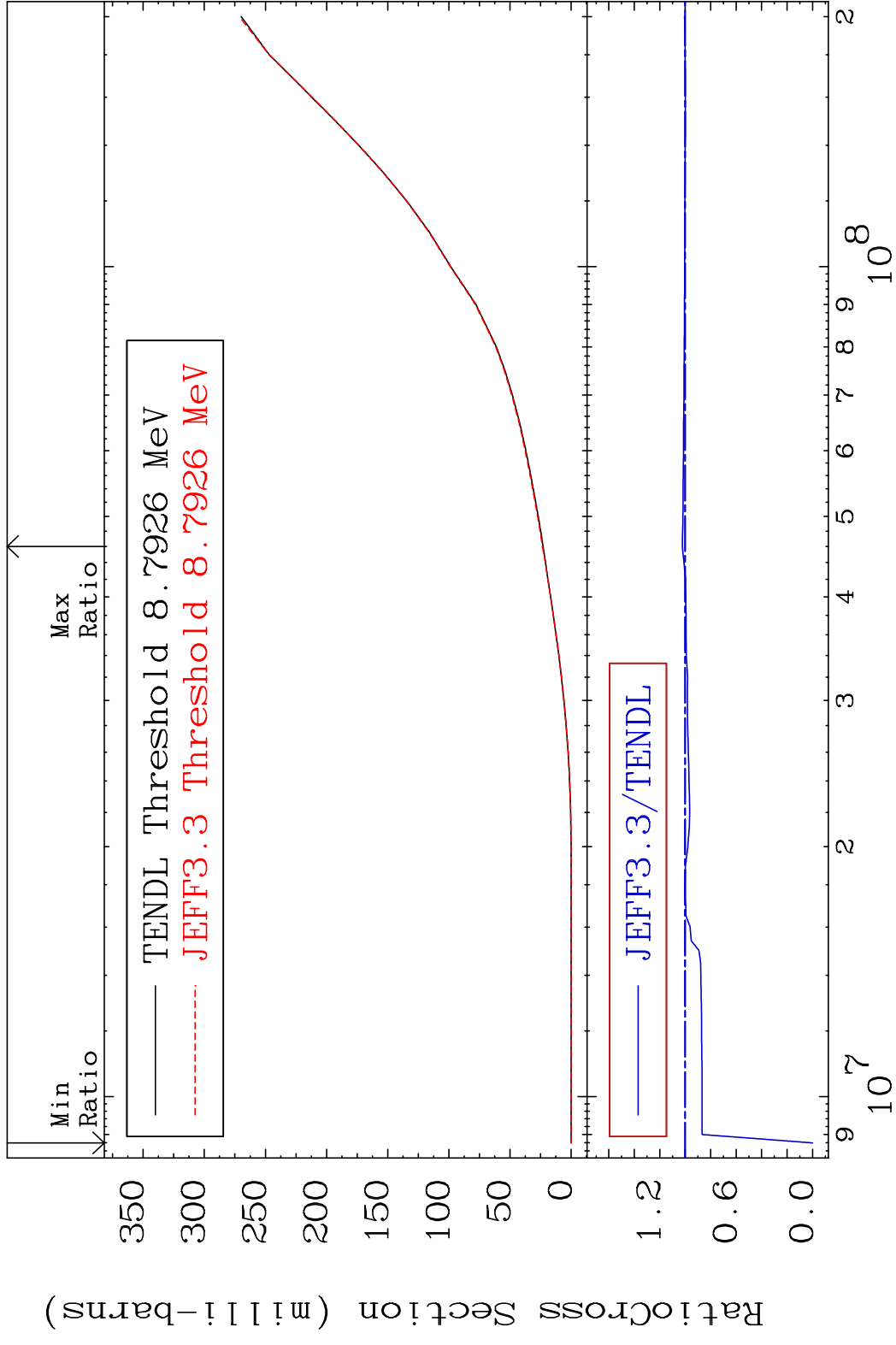
MAT 3031 Deuterium Production 30-Zn-66
 Cross Section -100.0 To 28.86 %



MAT 3031 Tritium Production 30-Zn-66
 Cross Section -100.0 To 240.6 %



MAT 3031 He-3 Production 30-Zn-66
 Cross Section -100.0 To 2.254 %



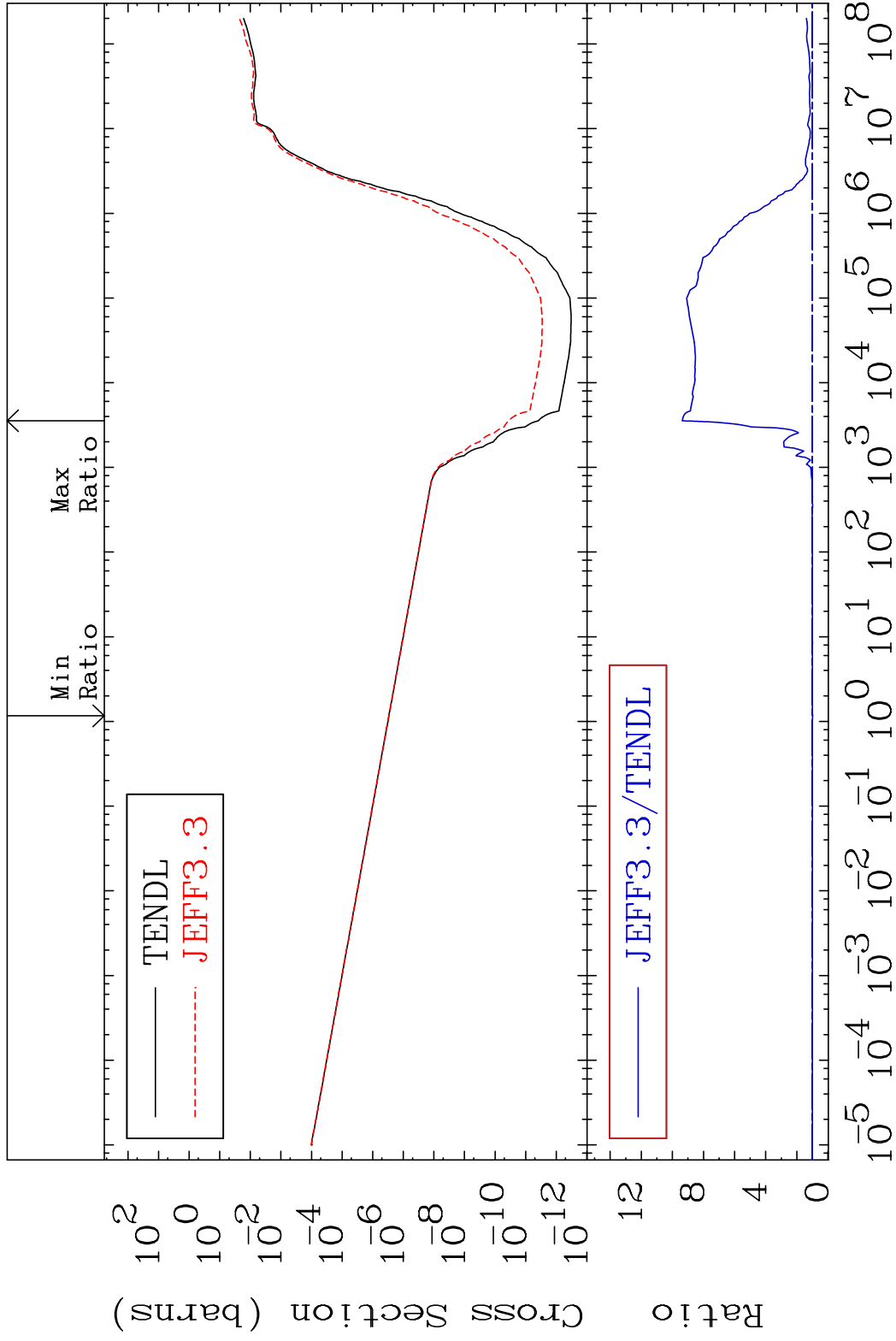
65 Incident Energy (eV) 30-Zn-66

MAT 3031

He-4 Production

30-Zn-66

Cross Section -1.079 To 836.1 %

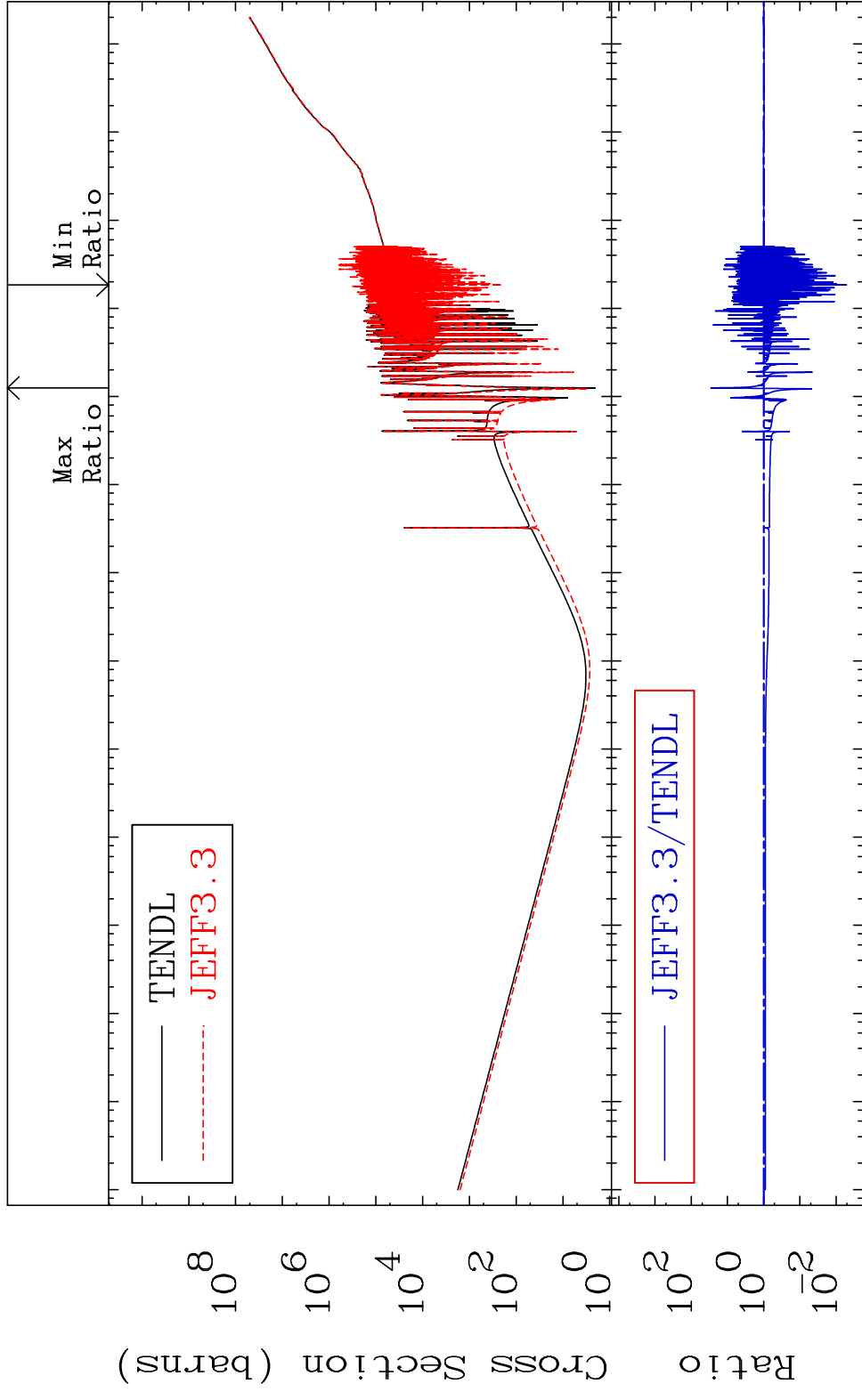


66

Incident Energy (eV)

30-Zn-66

MAT 3031 Kerma total (eV-barns) 30-Zn-66
 Cross Section -99.48 To 2790. %

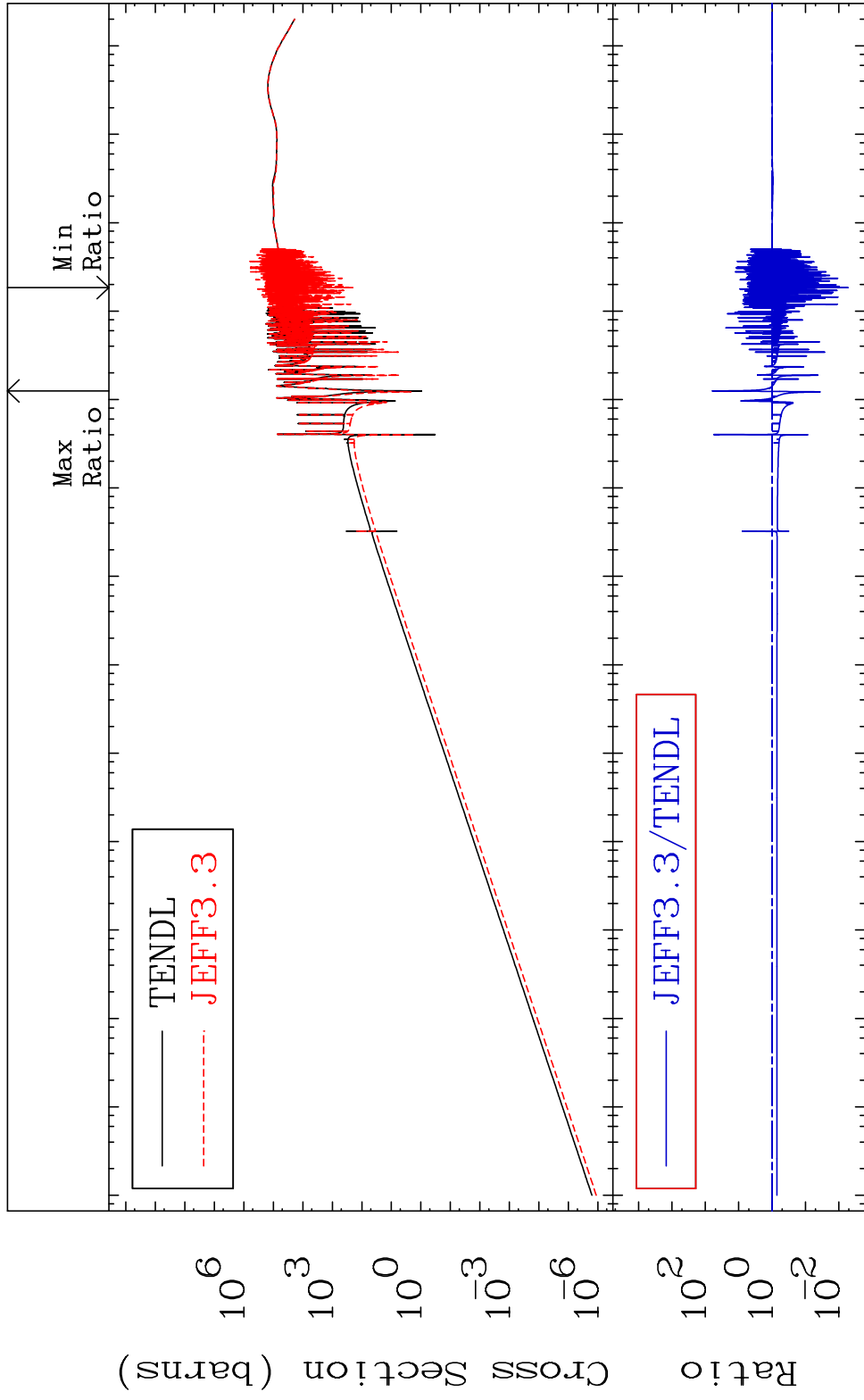


67 Incident Energy (eV) 30-Zn-66

MAT 3031

Kerma elastic
Cross Section

30-Zn-66
-99.48 To 6057. %

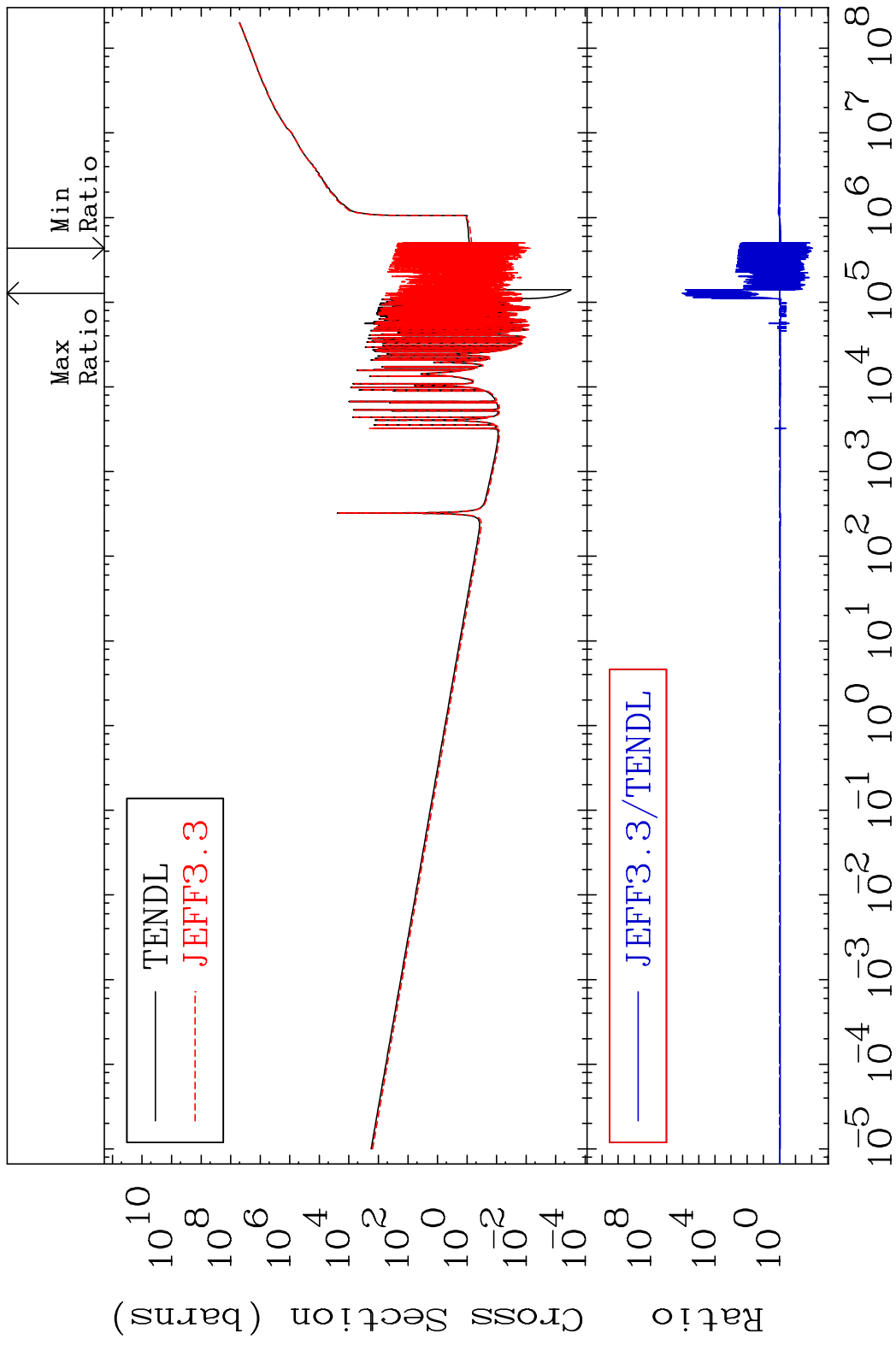


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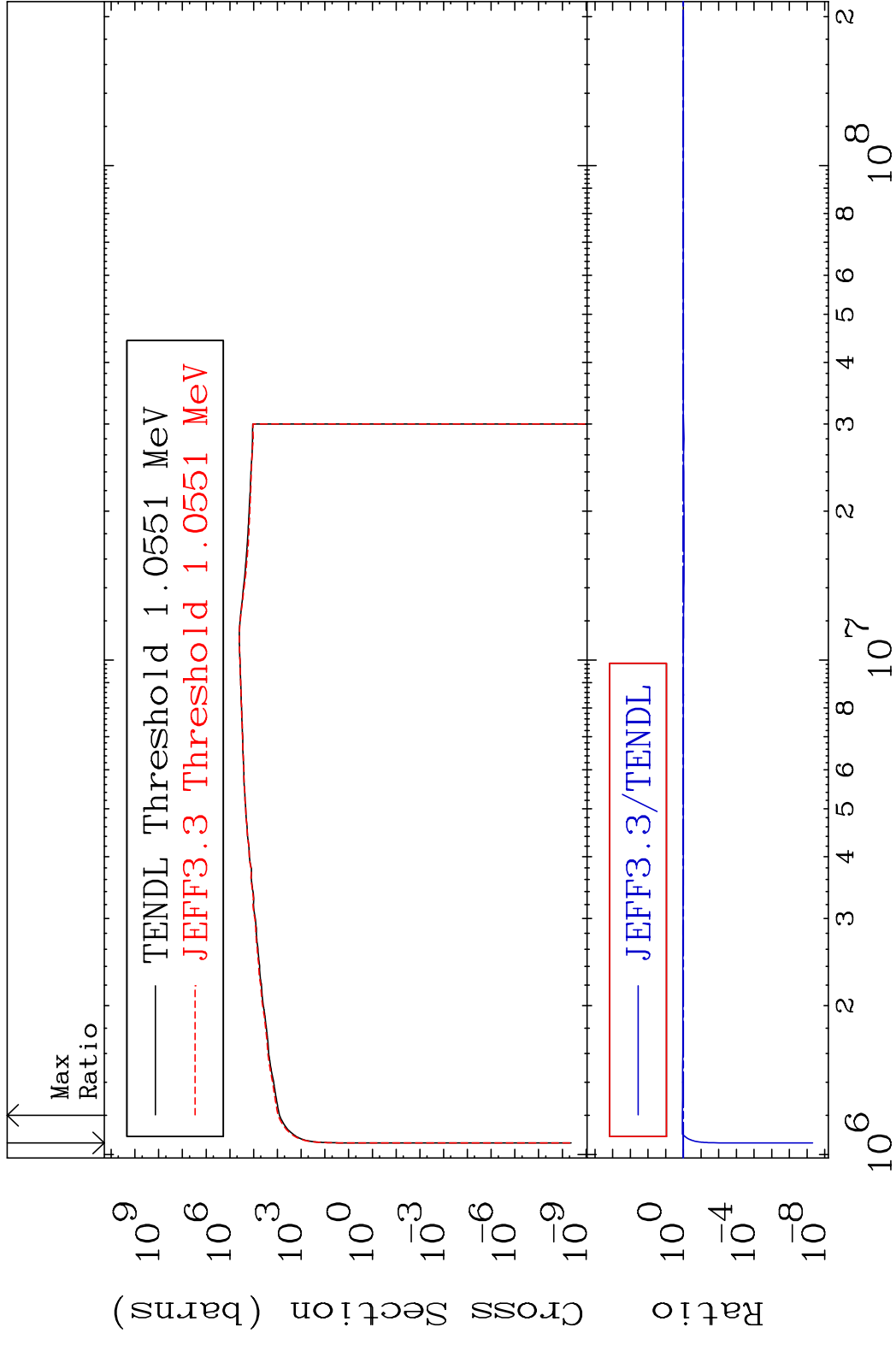
Incident Energy (eV)

30-Zn-66

MAT 3031 Kerma non-elastic (all but mt2) 30-Zn-66
 Cross Section -99.12 To 9999. %

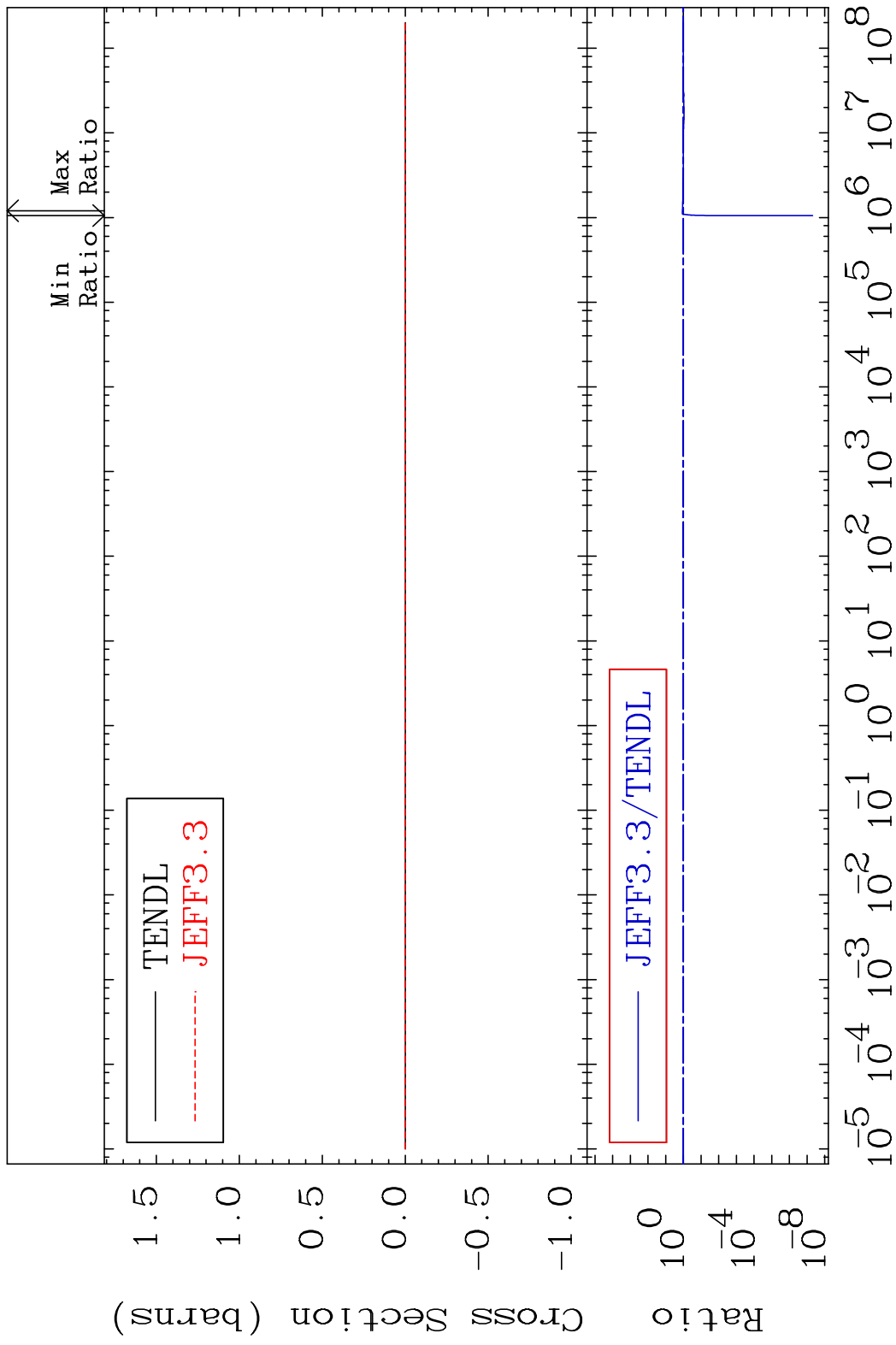


MAT 3031 Kerma inelastic (mt51-91) 30-Zn-66
 Cross Section -100.0 To 14.60 %



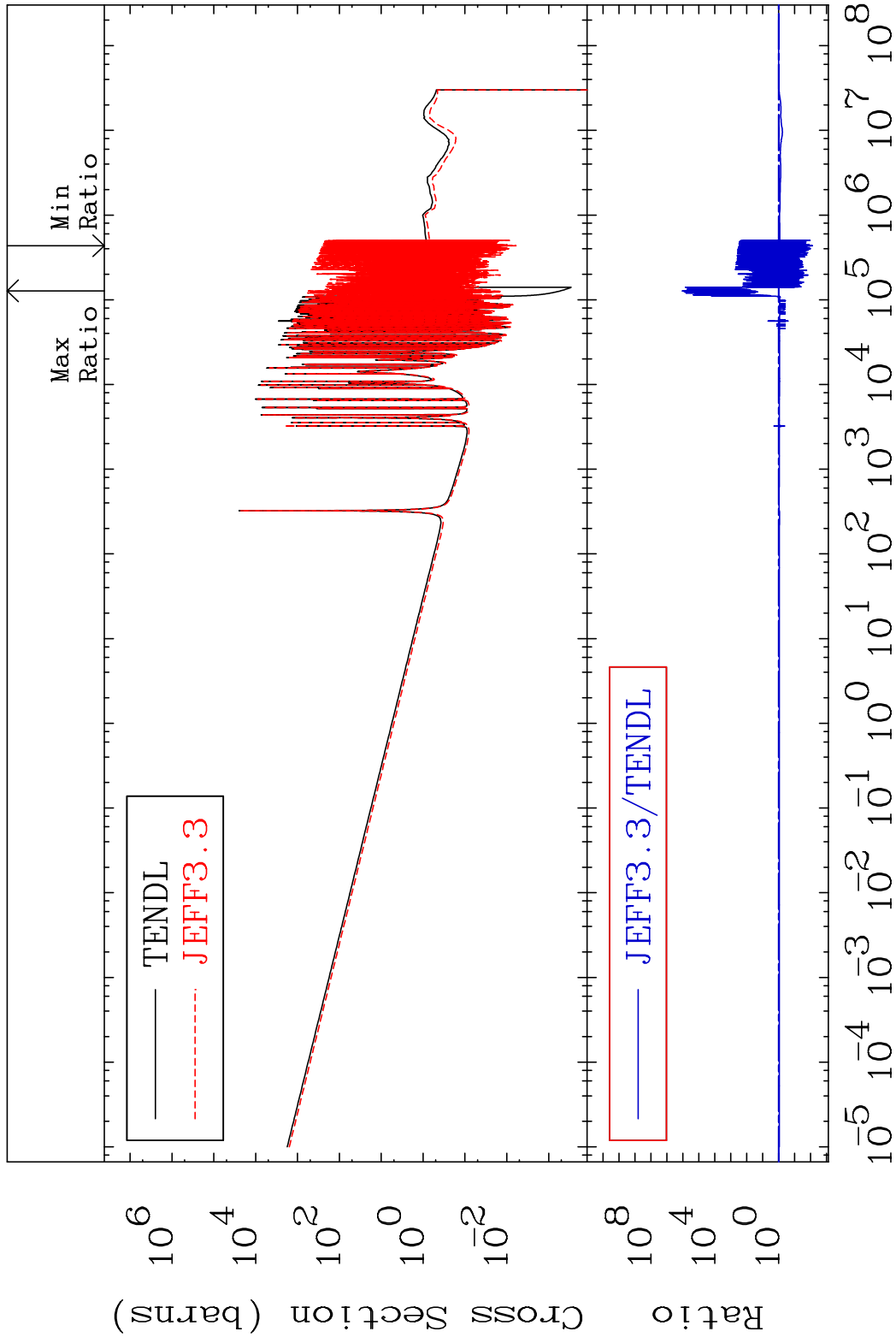
70 Incident Energy (eV) 30-Zn-66

MAT 3031 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-66
 Cross Section -100.0 To 14.60 %



MAT 3031

Kerma capture (mt102) 30-Zn-66
Cross Section -99.26 To 9999. %



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Incident Energy (eV)

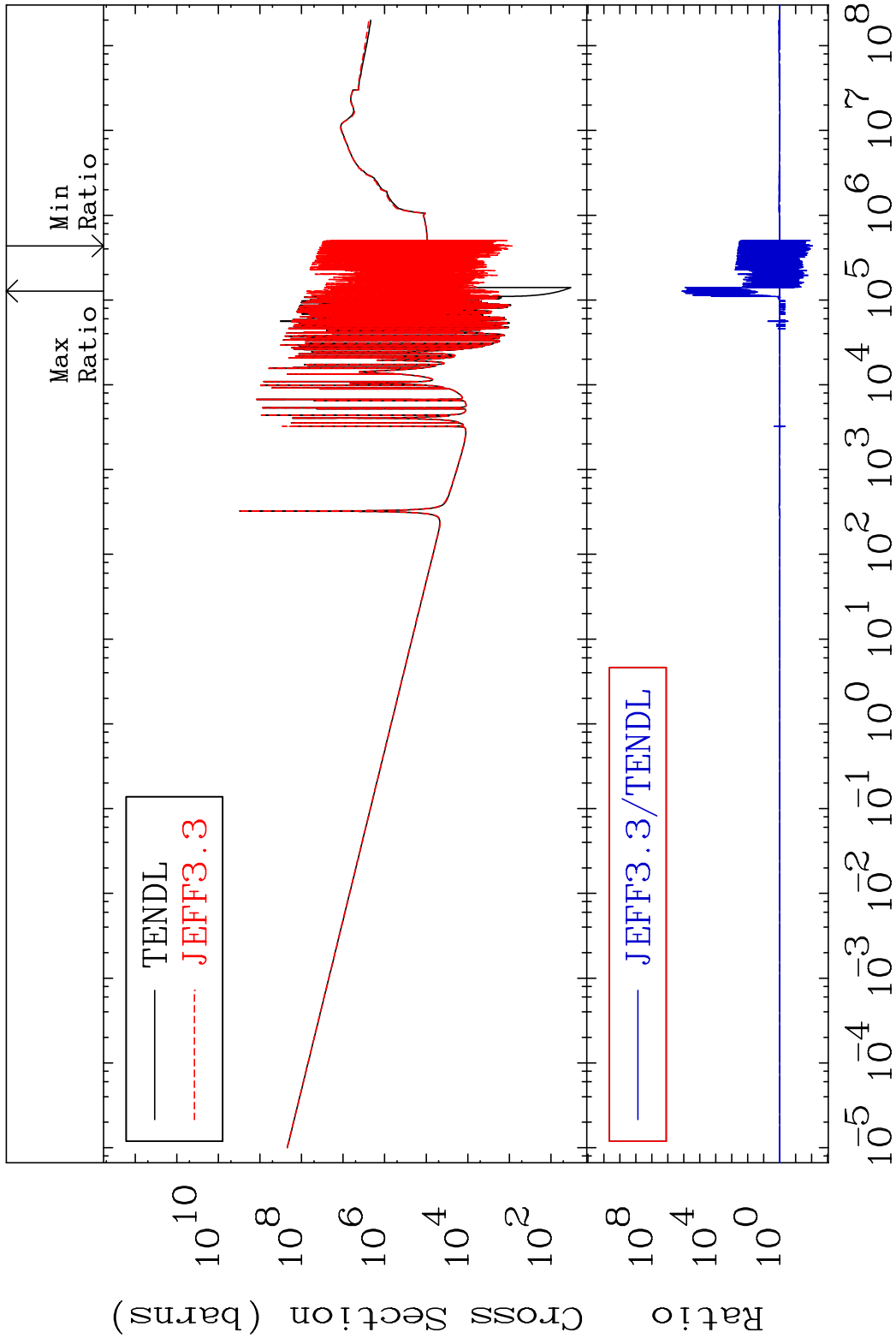
30-Zn-66

MAT 3031

Total photon (eV-barns)

30-Zn-66

Cross Section -99.13 To 9999. %

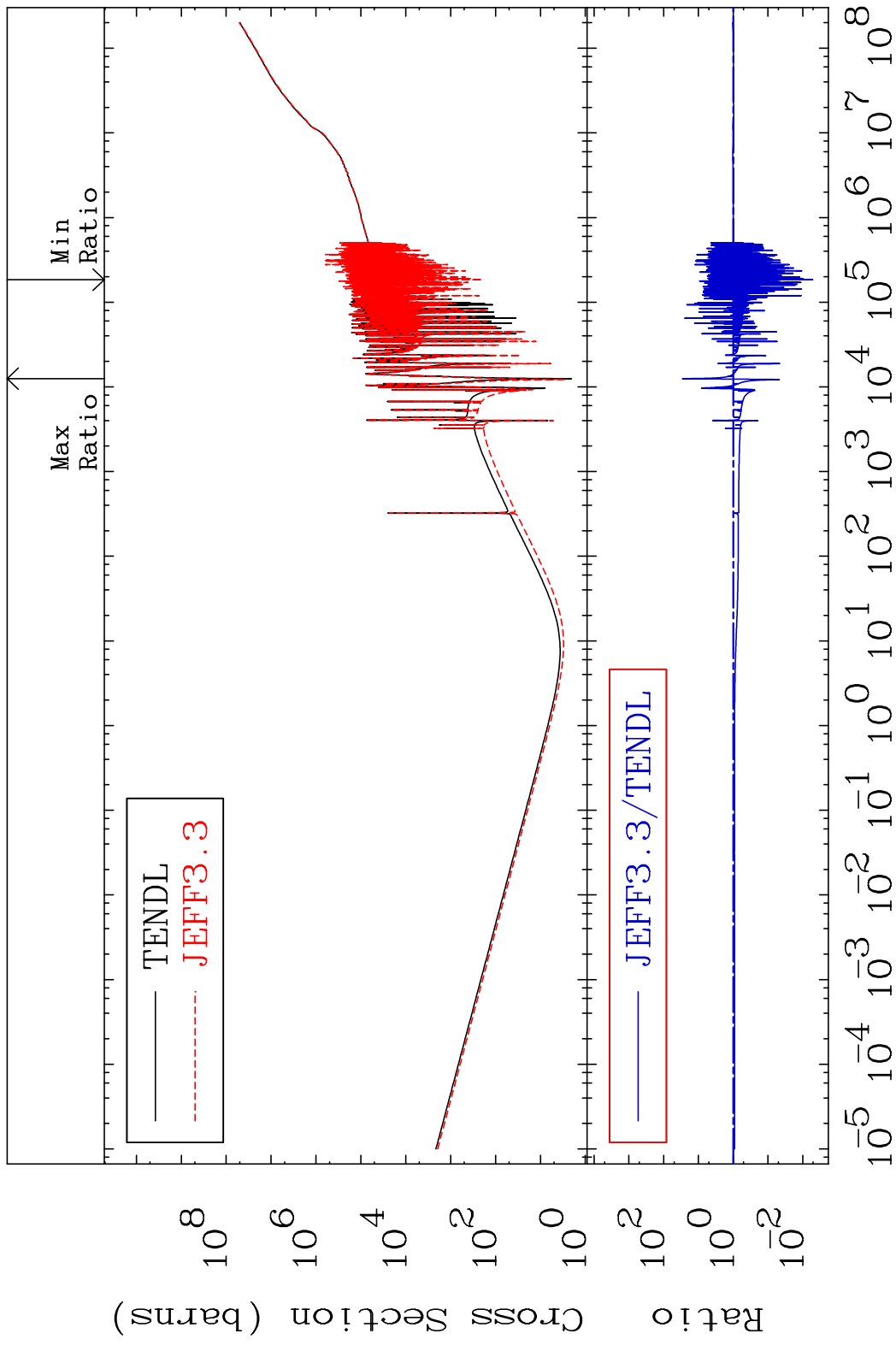


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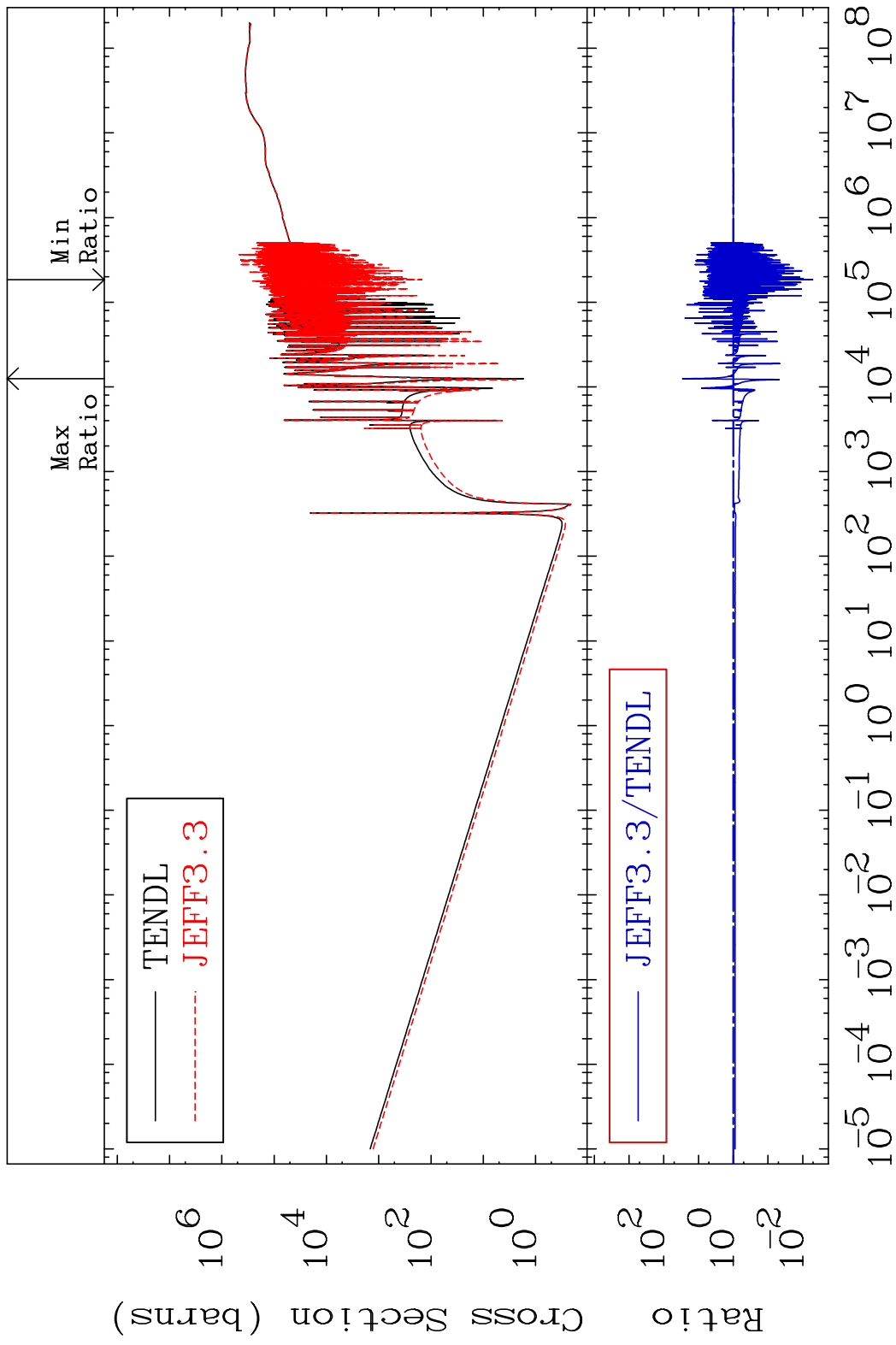
Incident Energy (eV)

30-Zn-66

MAT 3031 Total kinematic kerma (high limit) 30-Zn-66
 Cross Section -99.48 To 2790. %



MAT 3031 Dpa total (eV-barns) 30-Zn-66
 Cross Section -99.48 To 2814. %



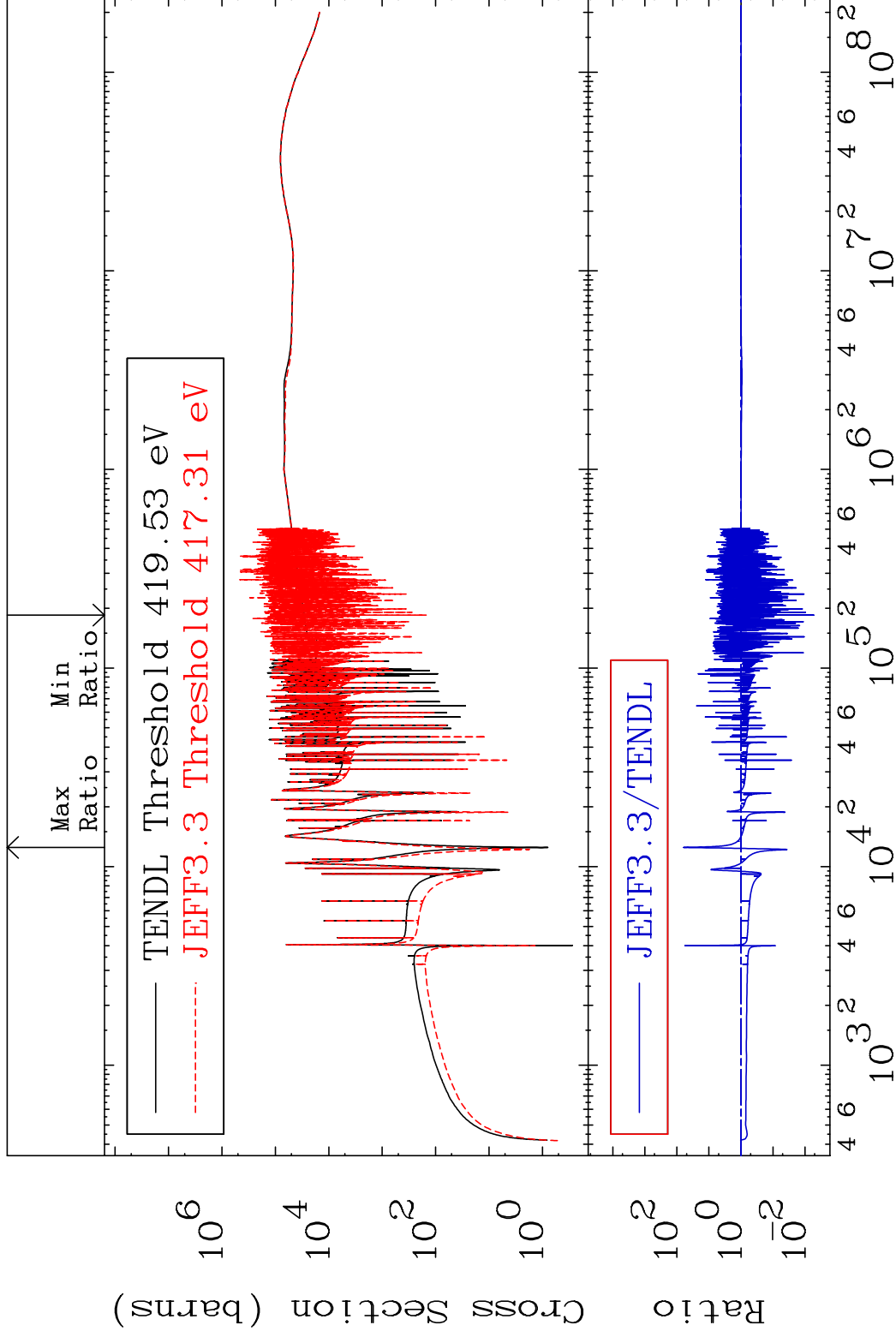
75 Incident Energy (eV) 30-Zn-66

MAT 3031

Dpa elastic (mt2)

30-Zn-66

Cross Section -99.48 To 6057. %

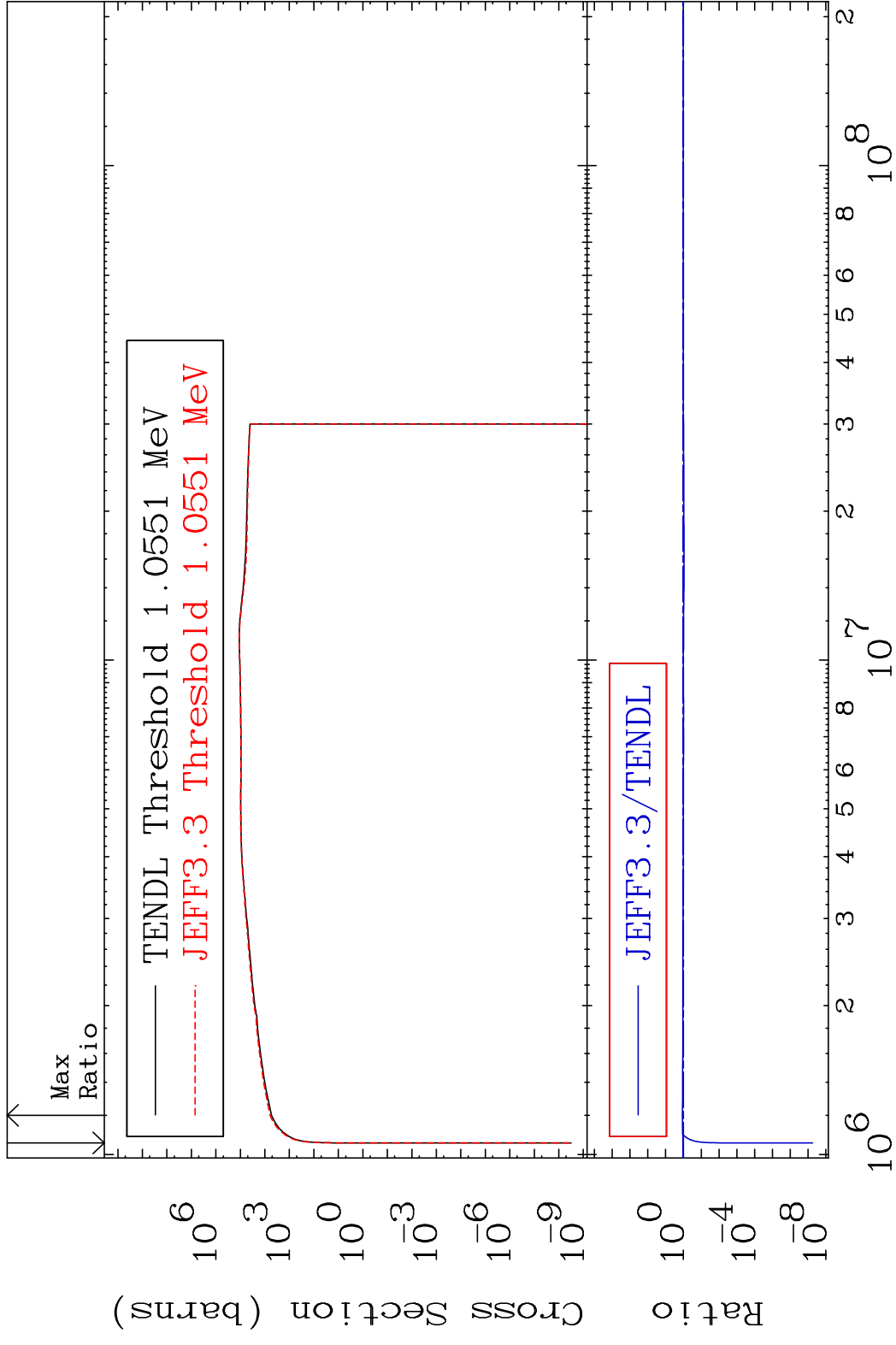


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Incident Energy (eV)

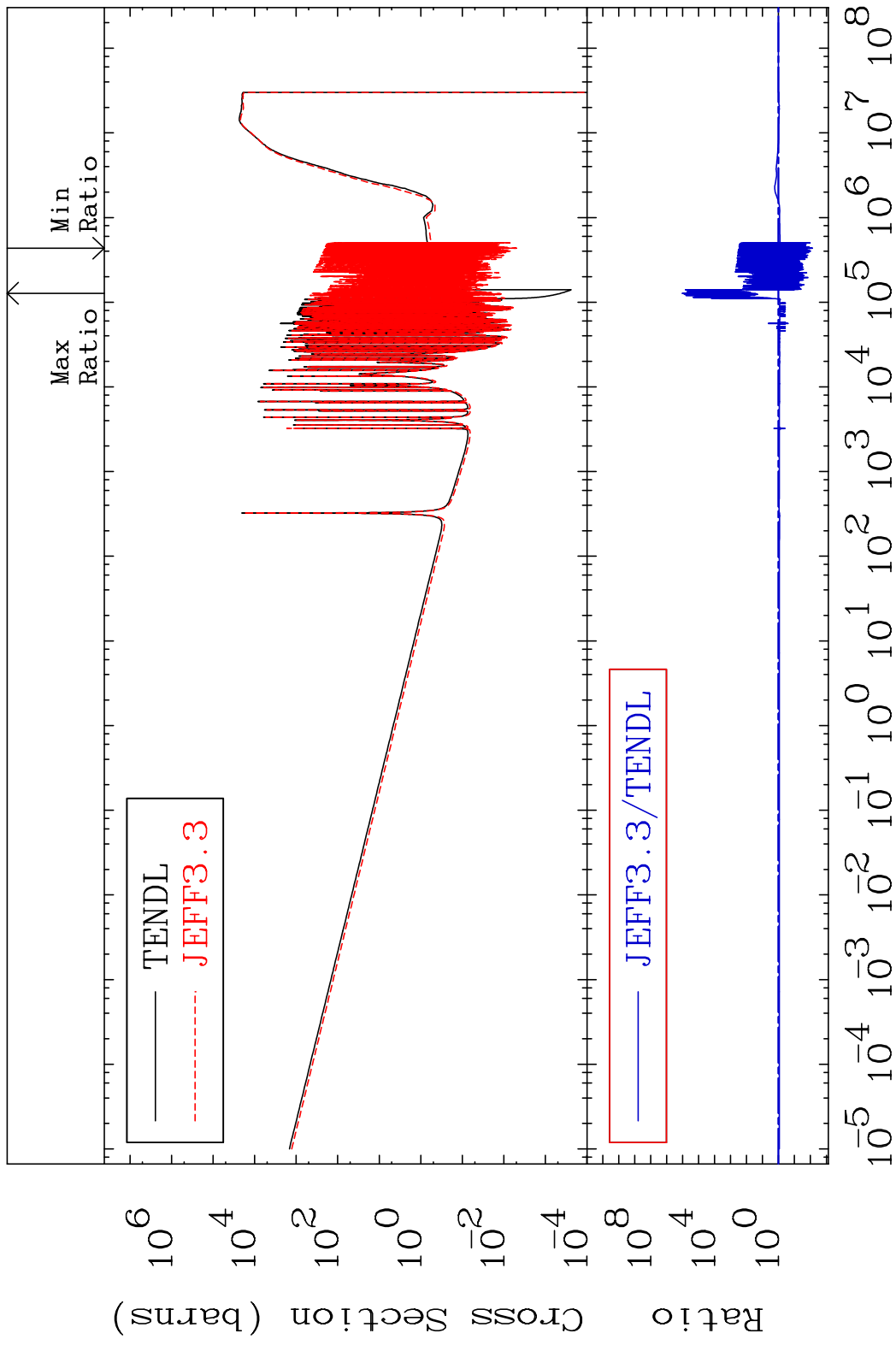
30-Zn-66

MAT 3031 Dpa inelastic (mt51-91) 30-Zn-66
 Cross Section -100.0 To 14.60 %

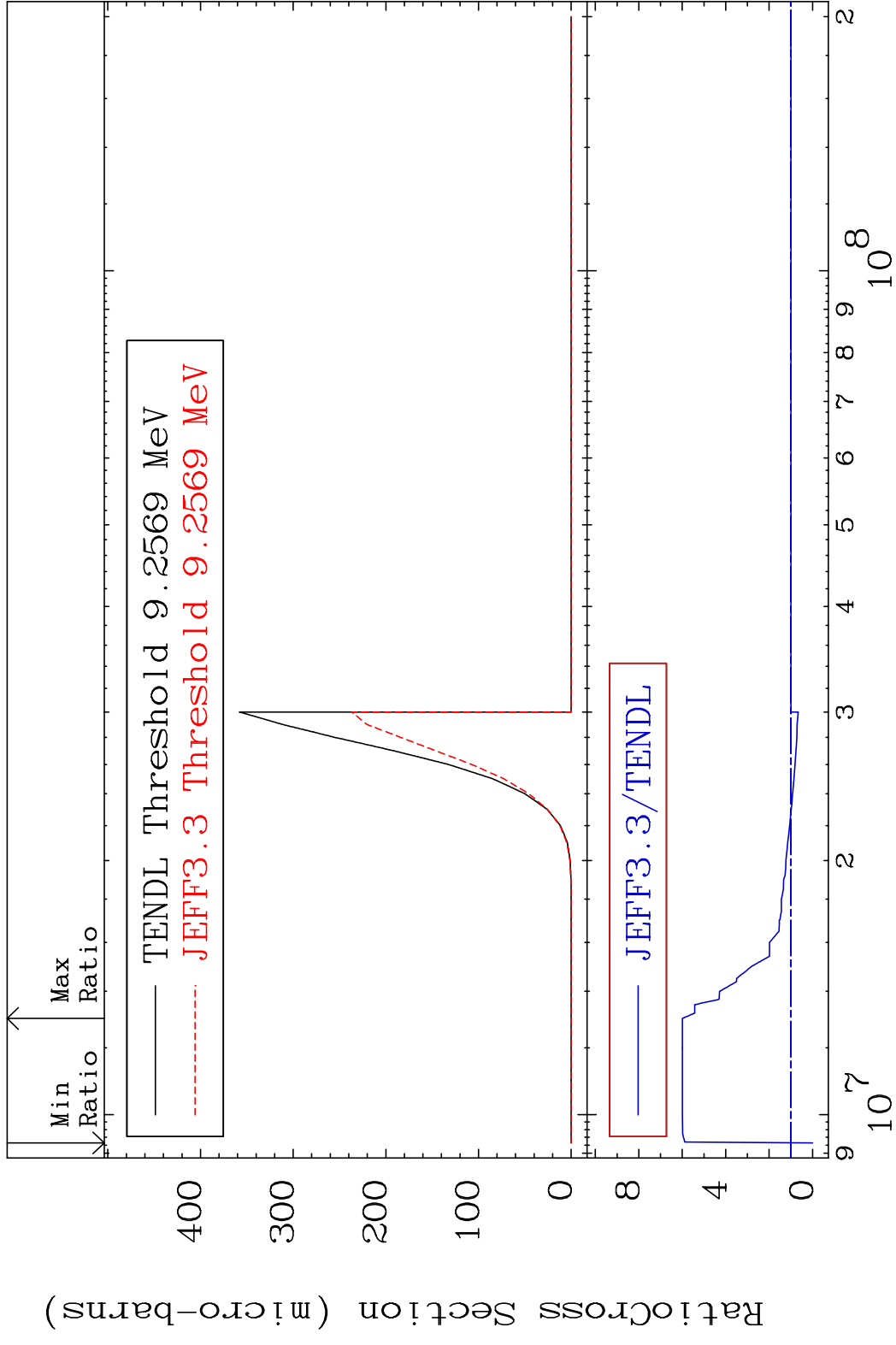


77 Incident Energy (eV) 30-Zn-66

MAT 3031 Dpa disappearance (mt102 -120) 30-Zn-66
 Cross Section -99.26 To 9999. %

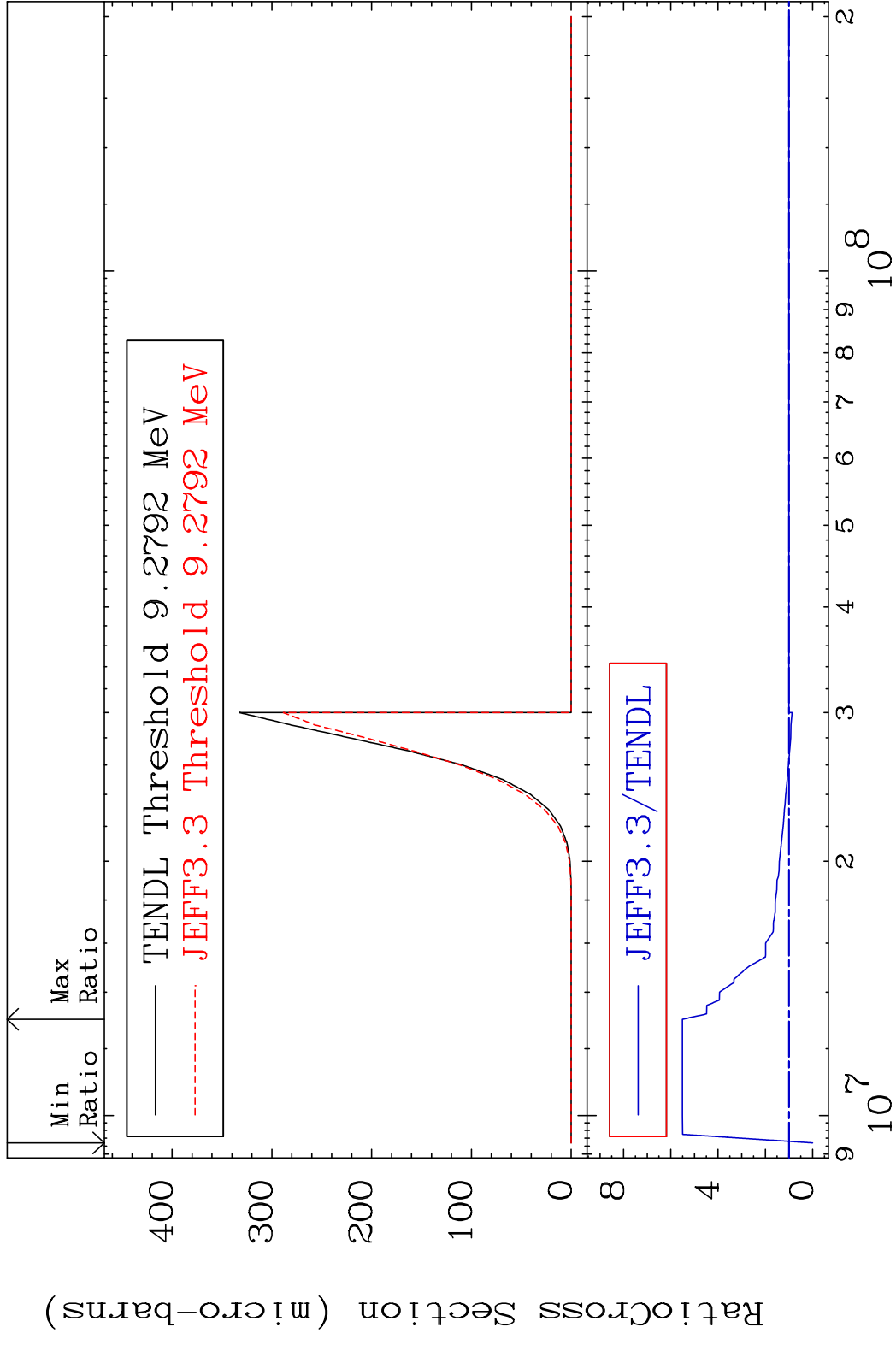


MAT 3031 (n, p) α :27-Co-62g 30-Zn-66
 Radionuclide Production Cross Section 180.0 dth 499.5 %



79 Incident Energy (eV) 30-Zn-66

MAT 3031 (n,p) α :27-Co-62m1 30-Zn-66
 Radionuclide Production Cross Section 180.01 d10 451.2 %



80 9 10⁷ 2 3 4 5 6 7 8 9 10⁸ 2