

Program Complot  
(Version 2021-1)

by

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(Present Contact Information)

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Press Mouse Button to Start

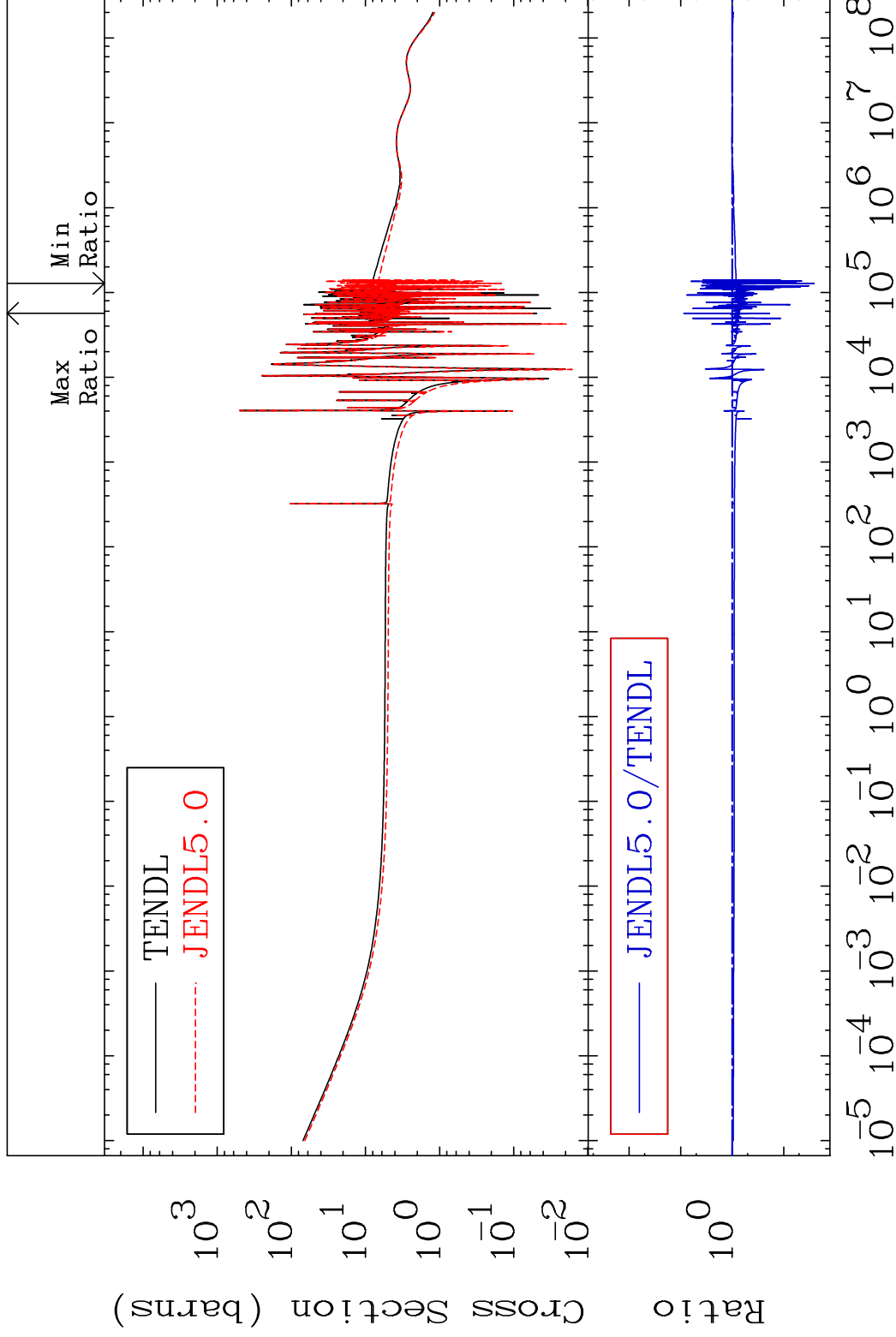
MAT 3031

Total

30-Zn-66

Cross Section

-97.44 To 774.9 %



1

Incident Energy (eV)

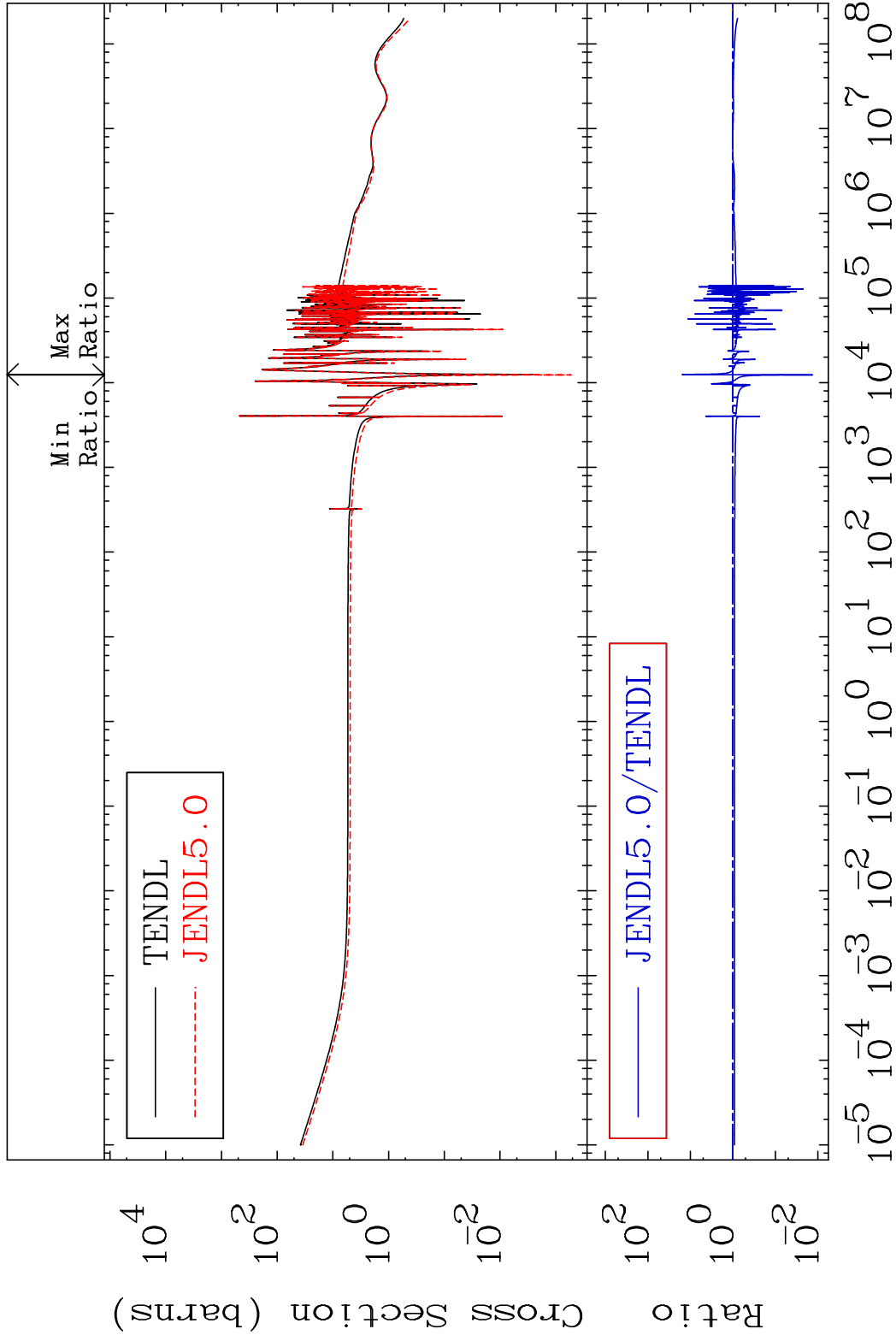
30-Zn-66

MAT 3031

Elastic

30-Zn-66

Cross Section -98.67 To 1444. %



2

Incident Energy (eV)

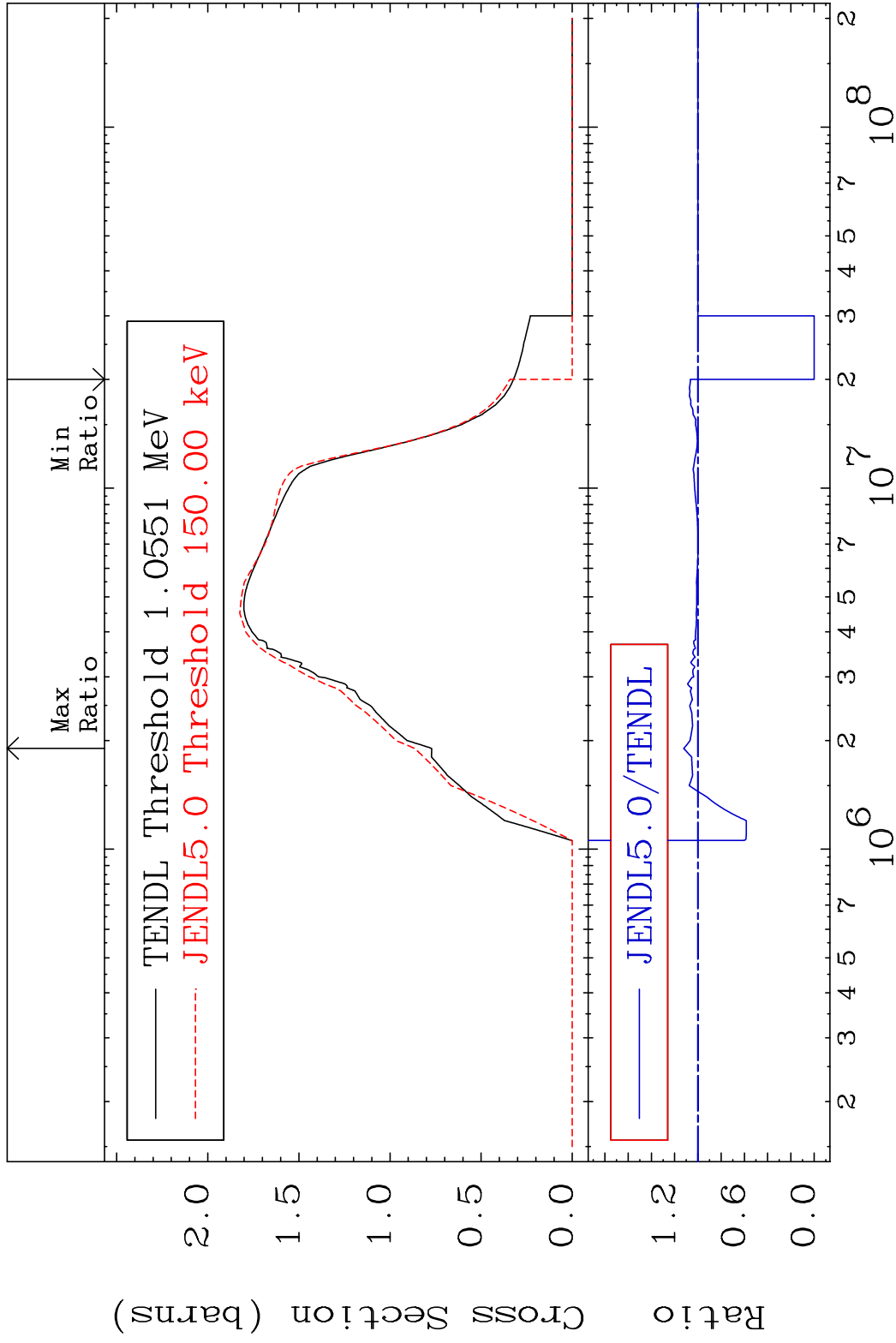
30-Zn-66

MAT 3031

Inelastic

30-Zn-66

Cross Section -100.0 To 12.26 %

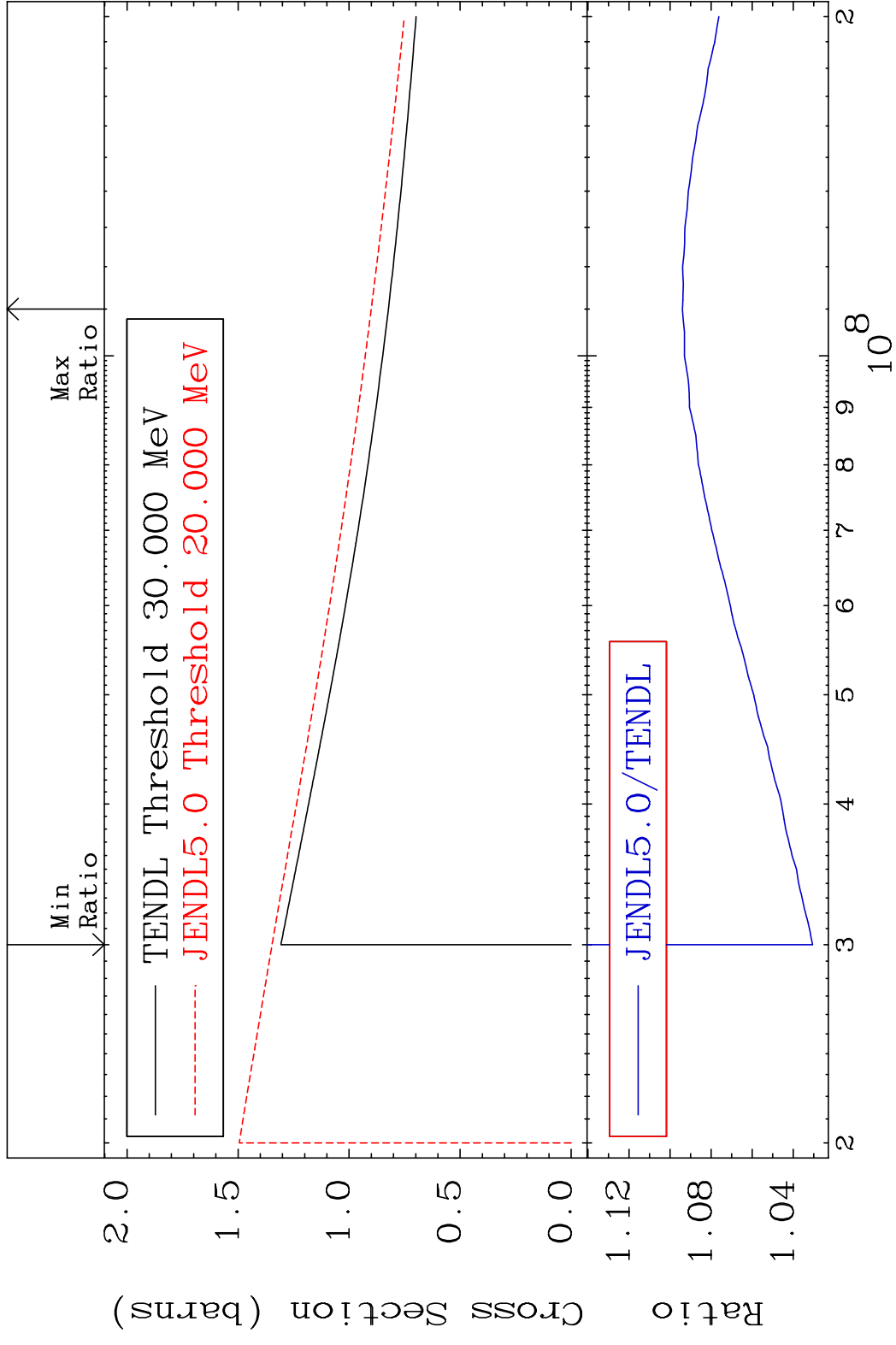


3

Incident Energy (eV)

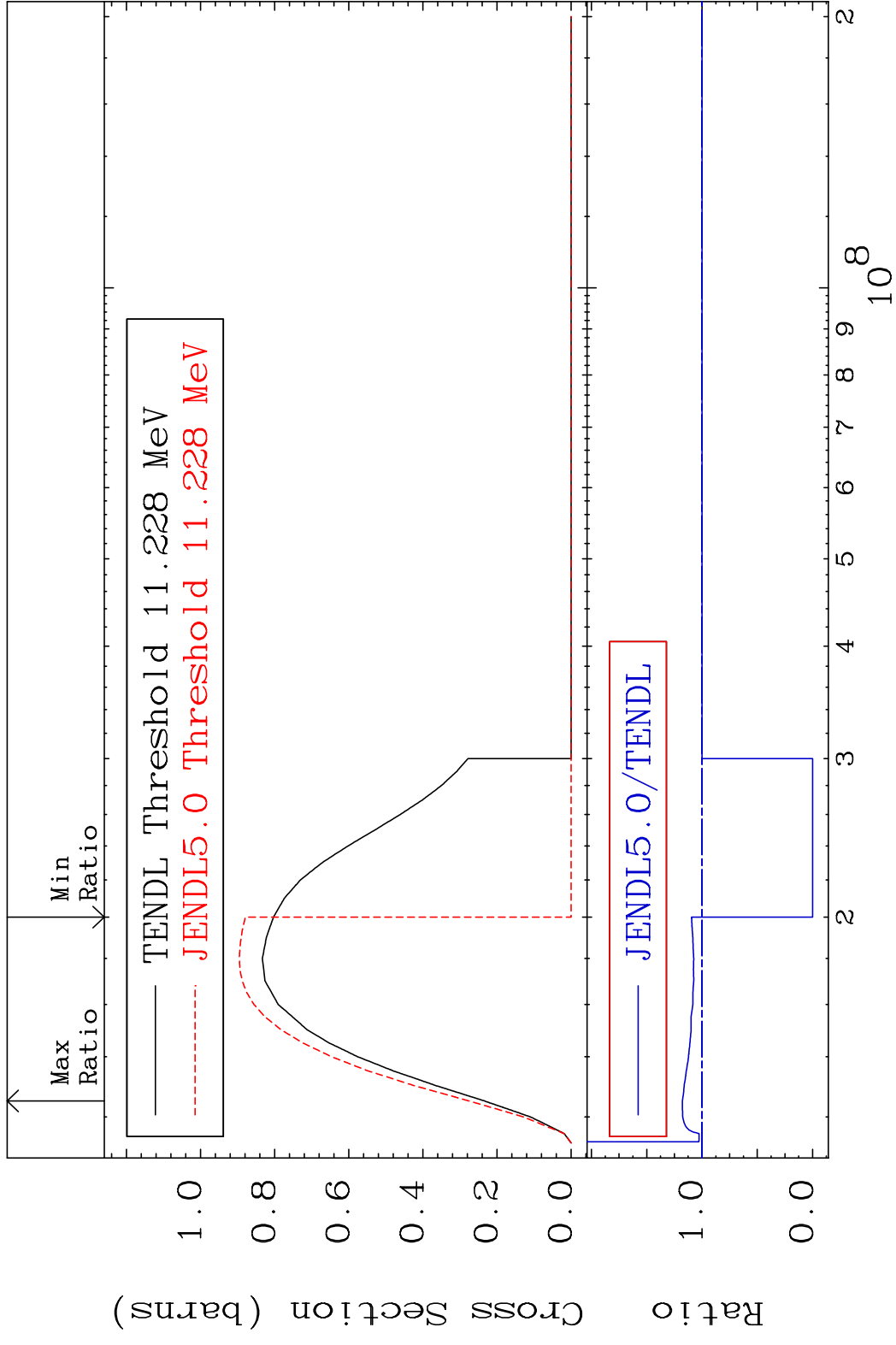
30-Zn-66

MAT 3031 (n, remainder) 30-Zn-66  
 Cross Section 3.054 To 9.398 %

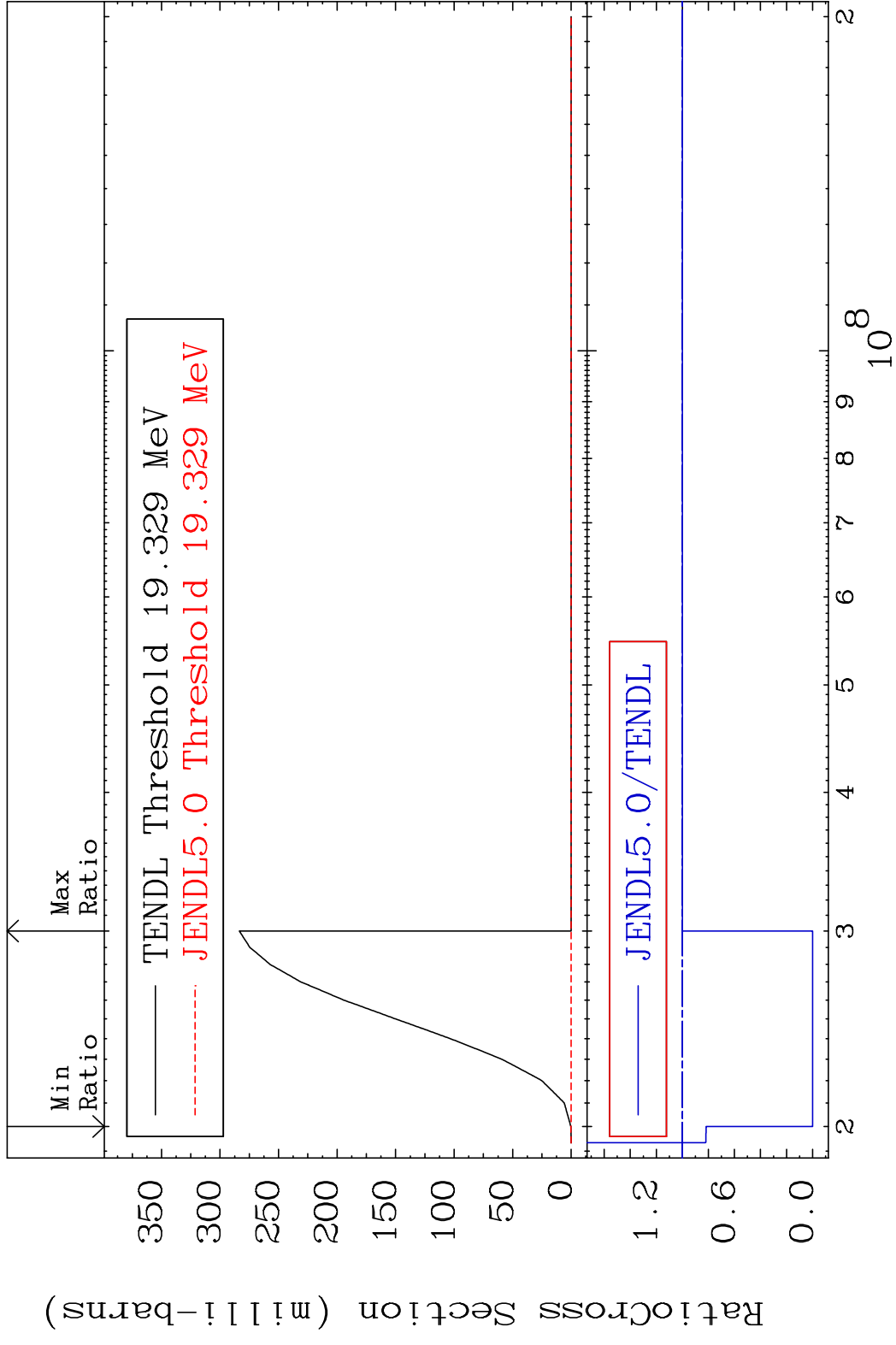


4 30-Zn-66

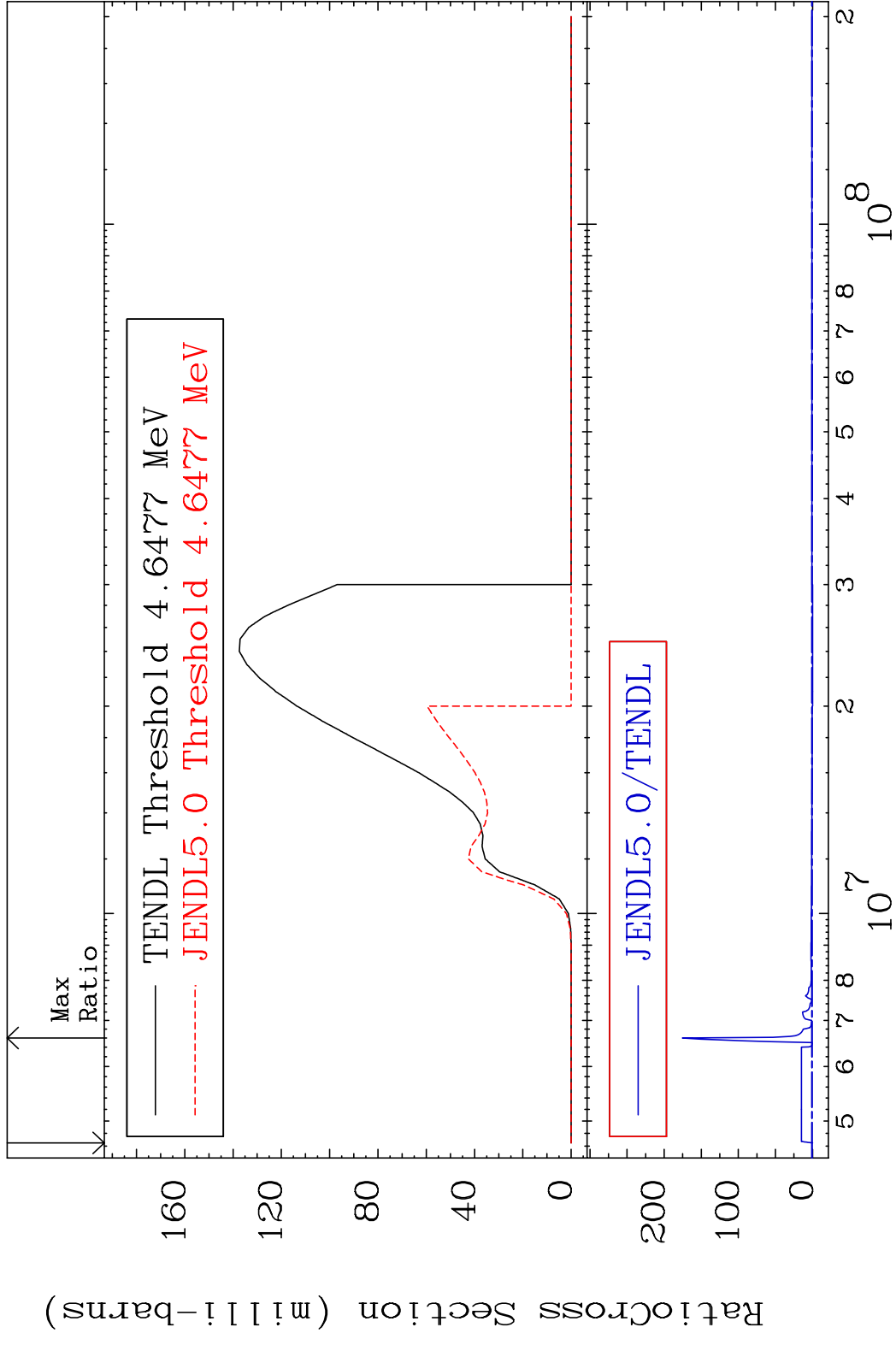
MAT 3031 (n,2n) 30-Zn-66  
 Cross Section -100.0 To 17.75 %



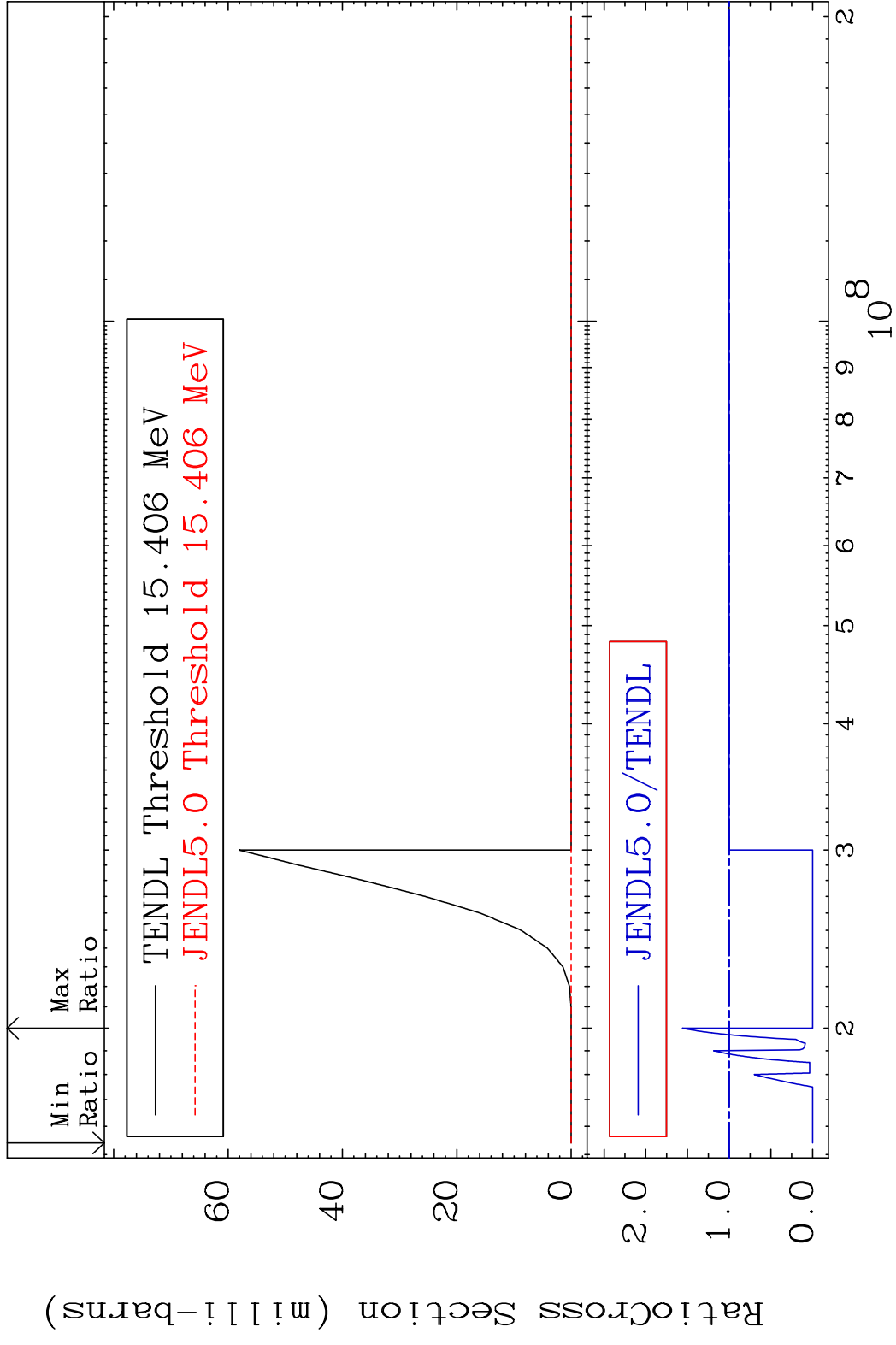
MAT 3031 (n,3n) 30-Zn-66  
 Cross Section -100.0 To 0.000 %



MAT 3031 (n, n')  $\alpha$  30-Zn-66  
 Cross Section -100.0 To 9999. %



MAT 3031 (n,2n)  $\alpha$  30-Zn-66  
 Cross Section -100.0 To 56.14 %

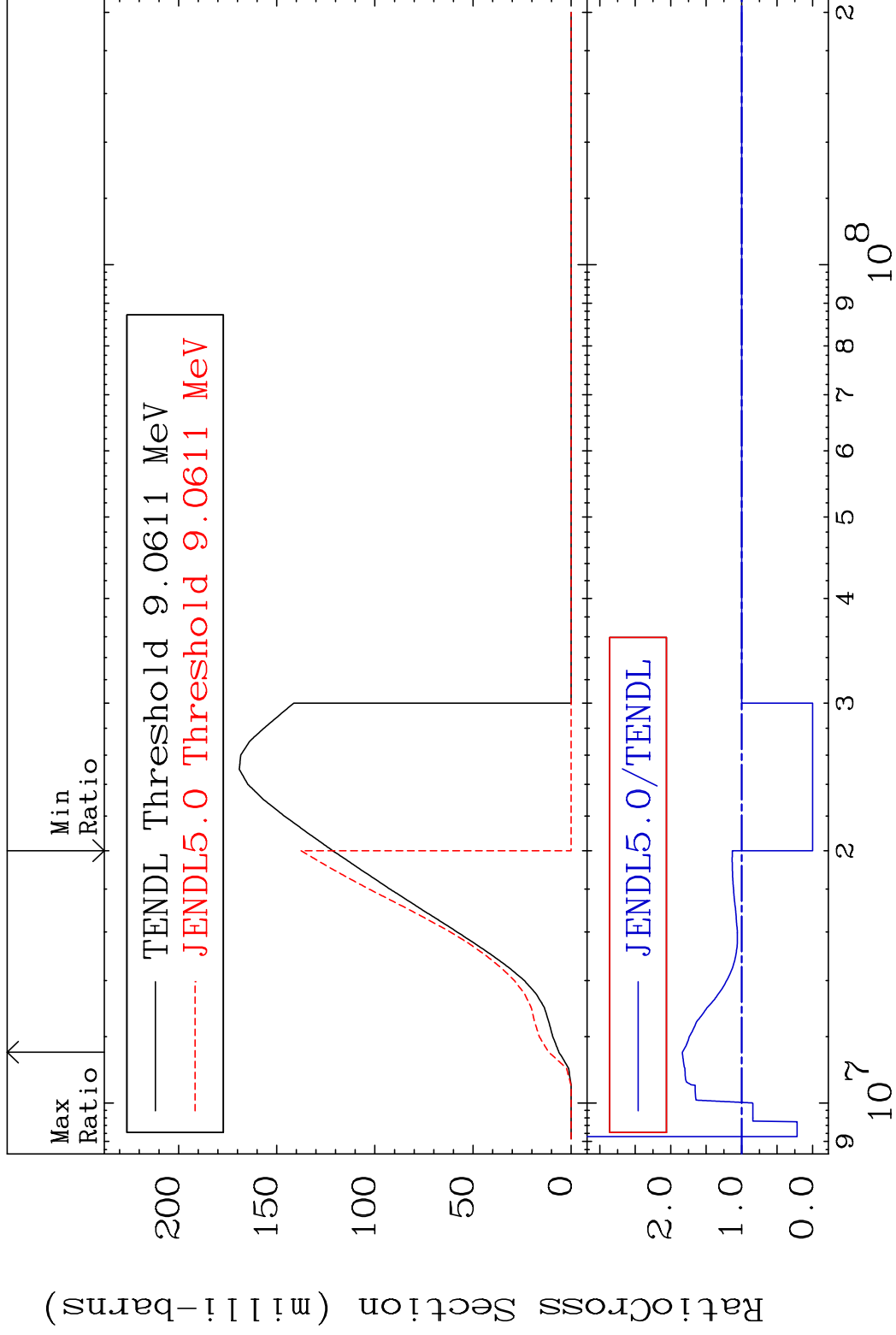


MAT 3031

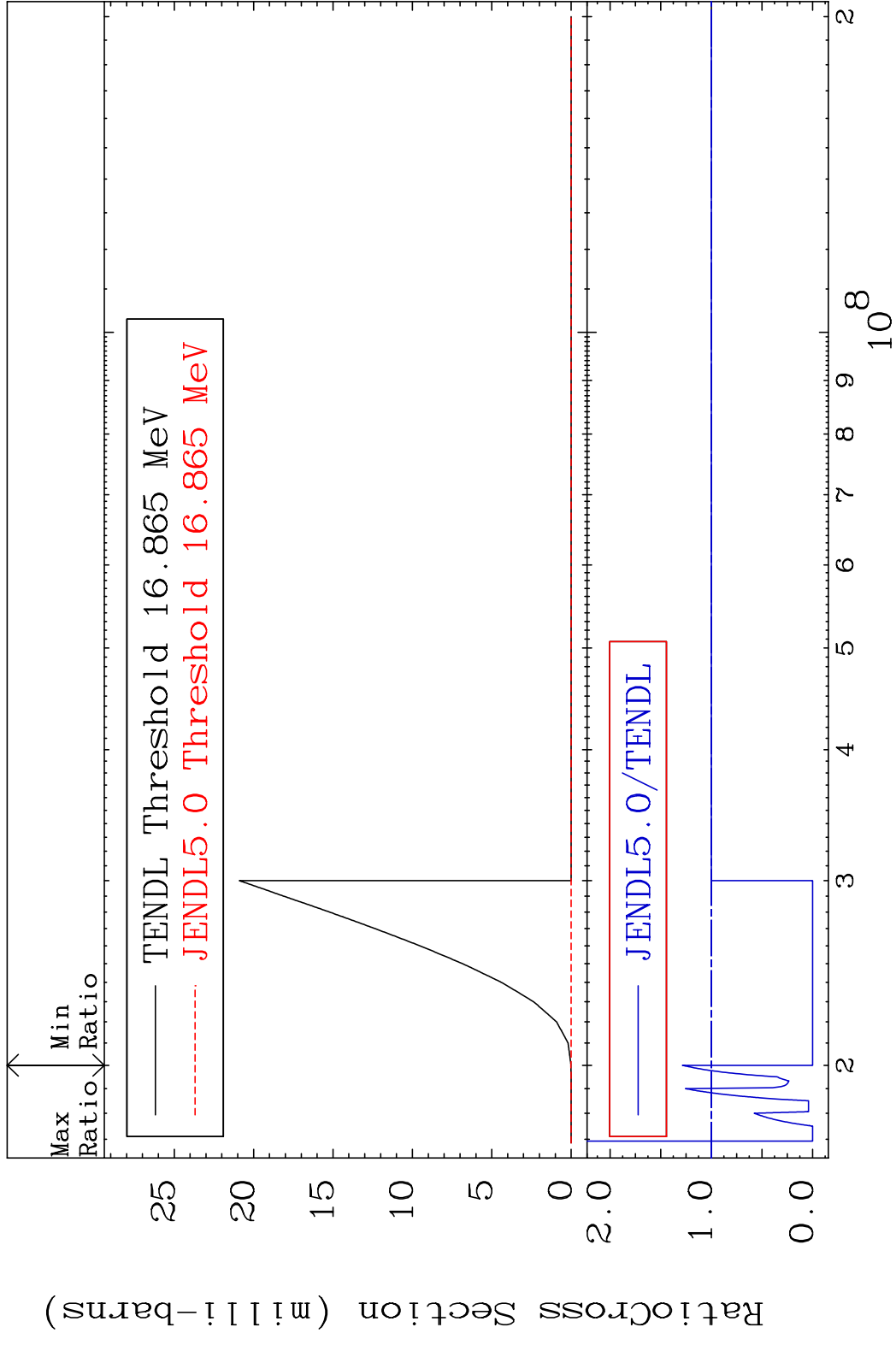
(n, n') p

30-Zn-66

Cross Section -100.0 To 83.63 %

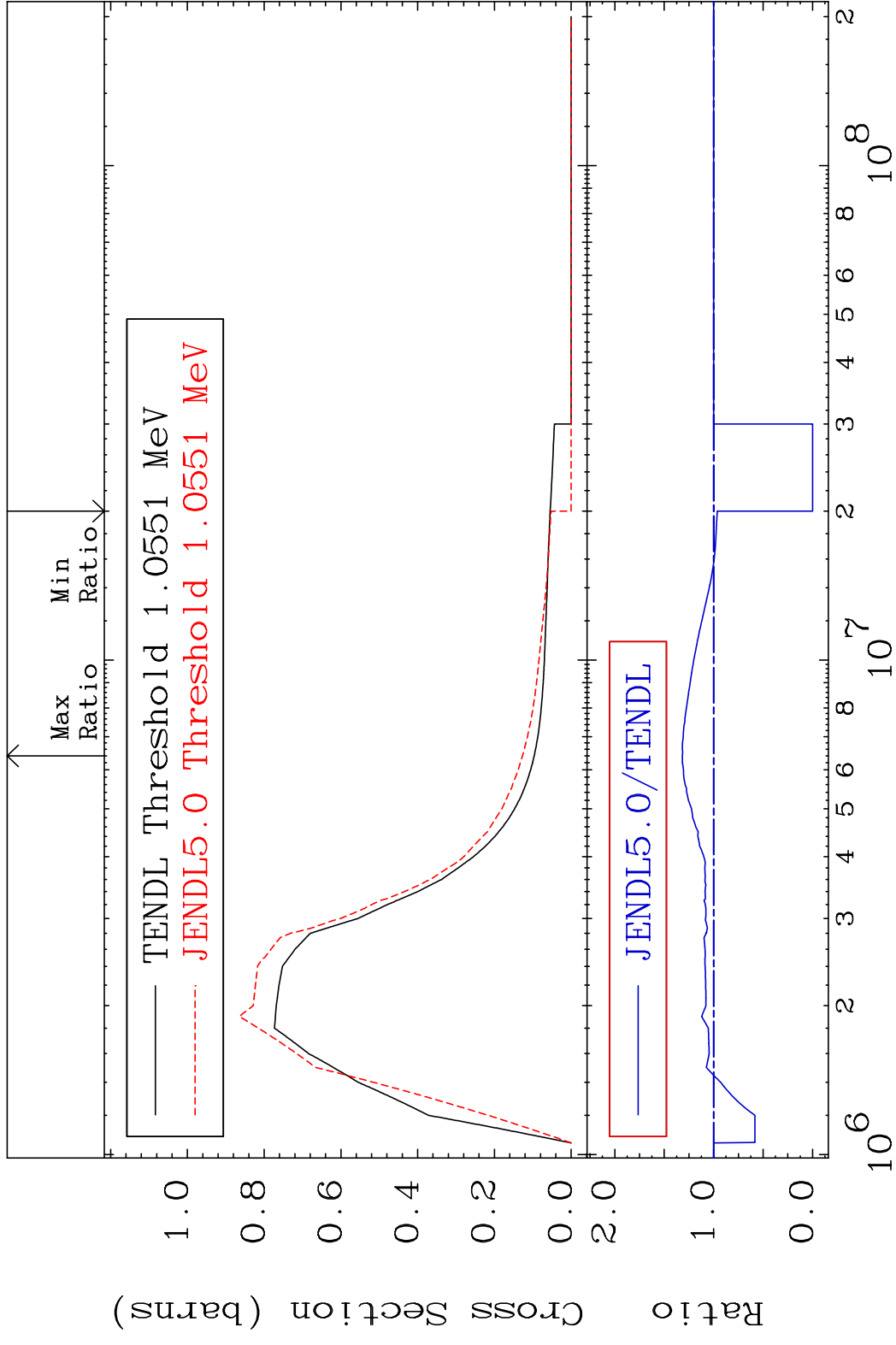


MAT 3031 (n, n') d 30-Zn-66  
 Cross Section -100.0 To 28.55 %



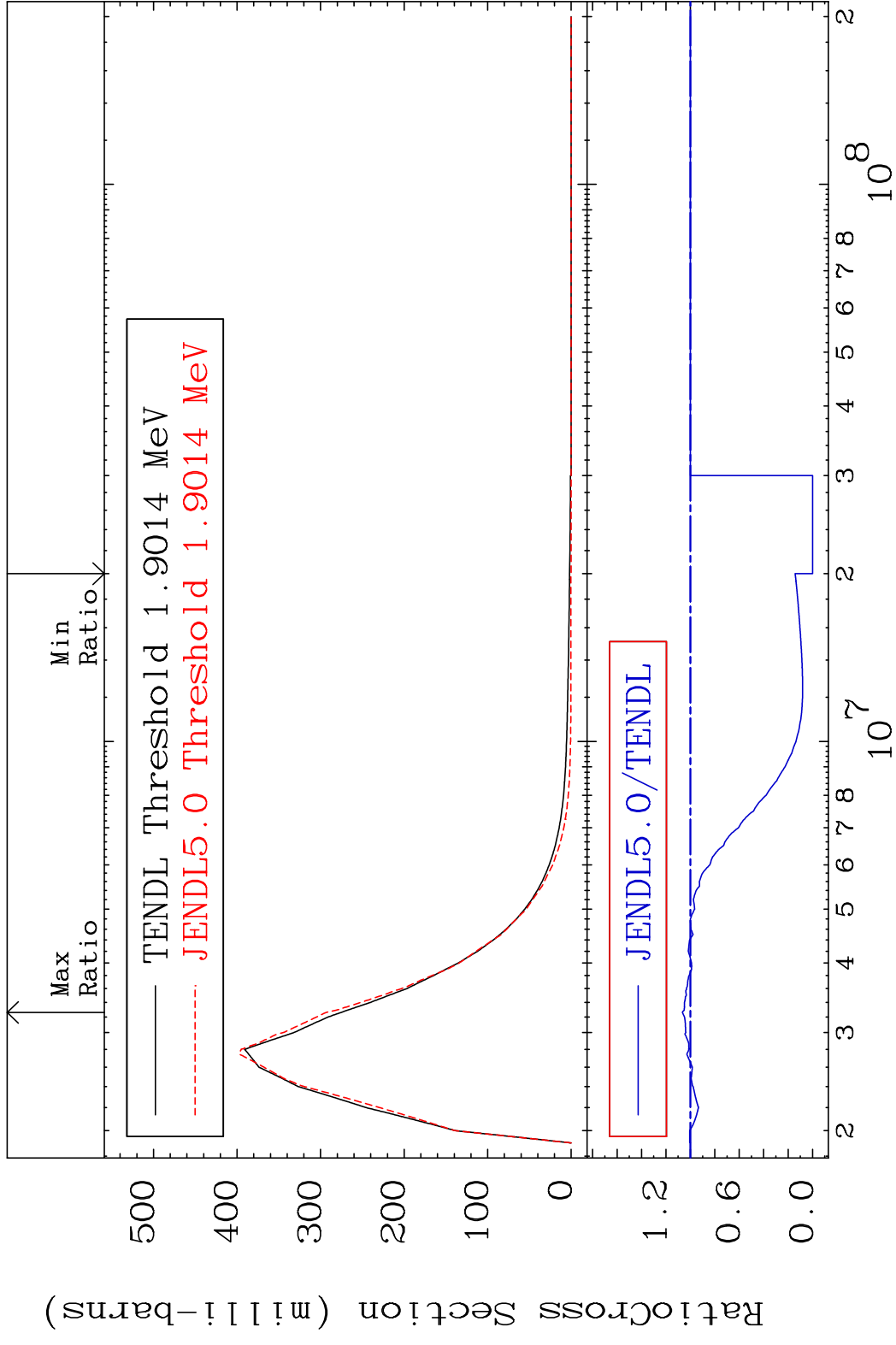
10 Incident Energy (eV) 30-Zn-66

MAT 3031 MT= 51 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 31.69 %

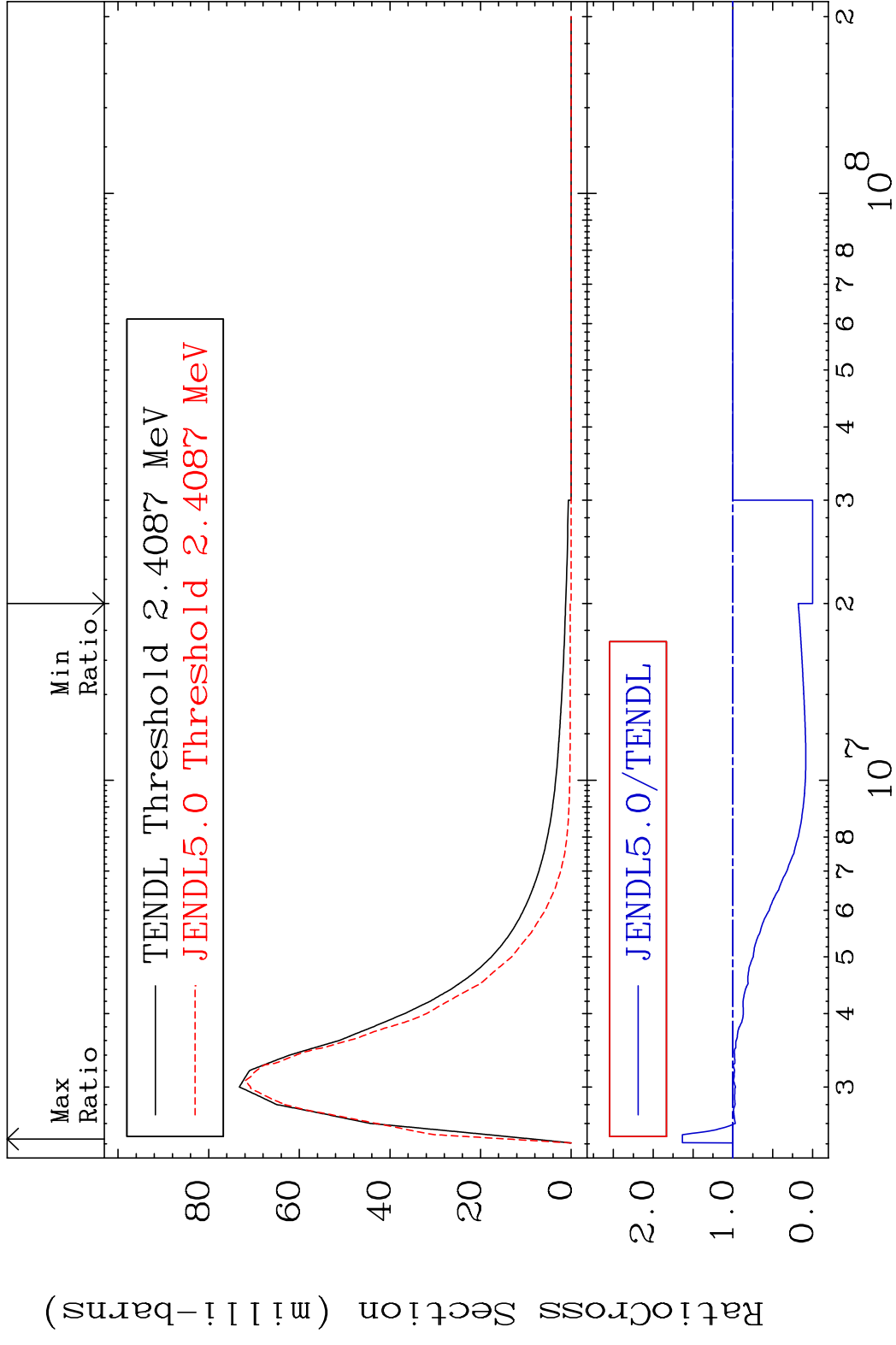


11 Incident Energy (eV) 30-Zn-66

MAT 3031 MT= 52 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 6.562 %

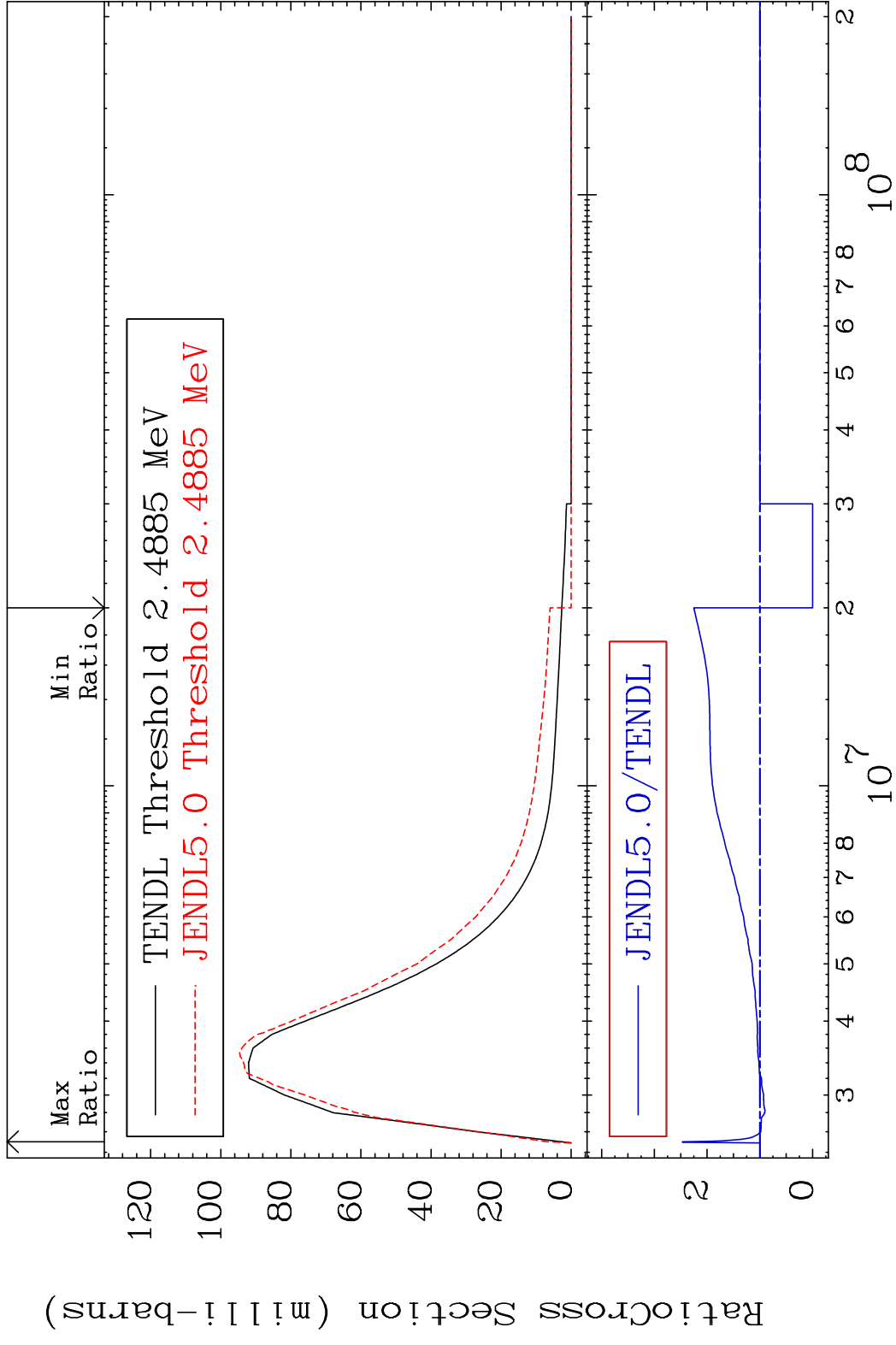


MAT 3031 MT= 53 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 63.39 %

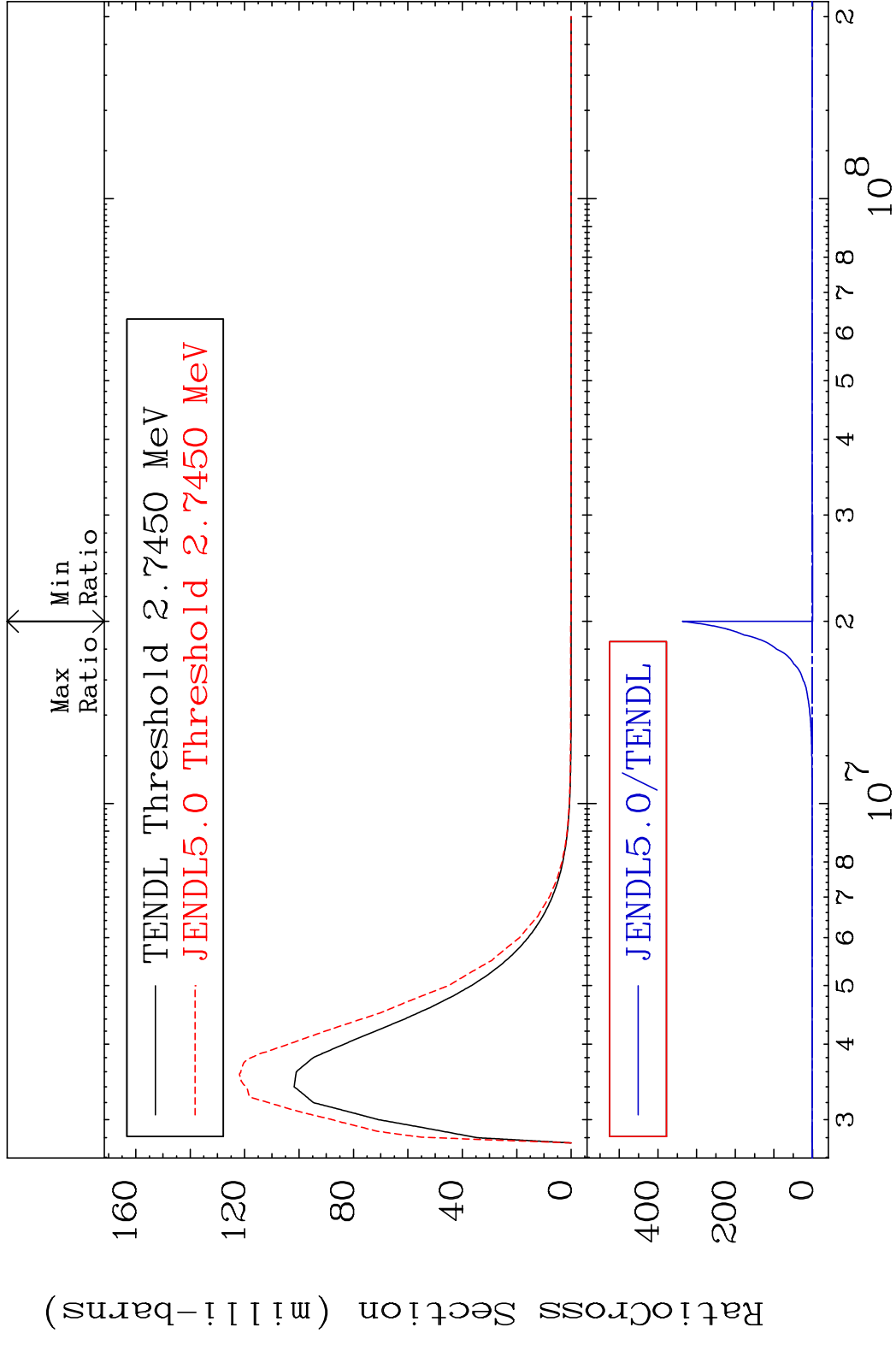


13 Incident Energy (eV) 30-Zn-66

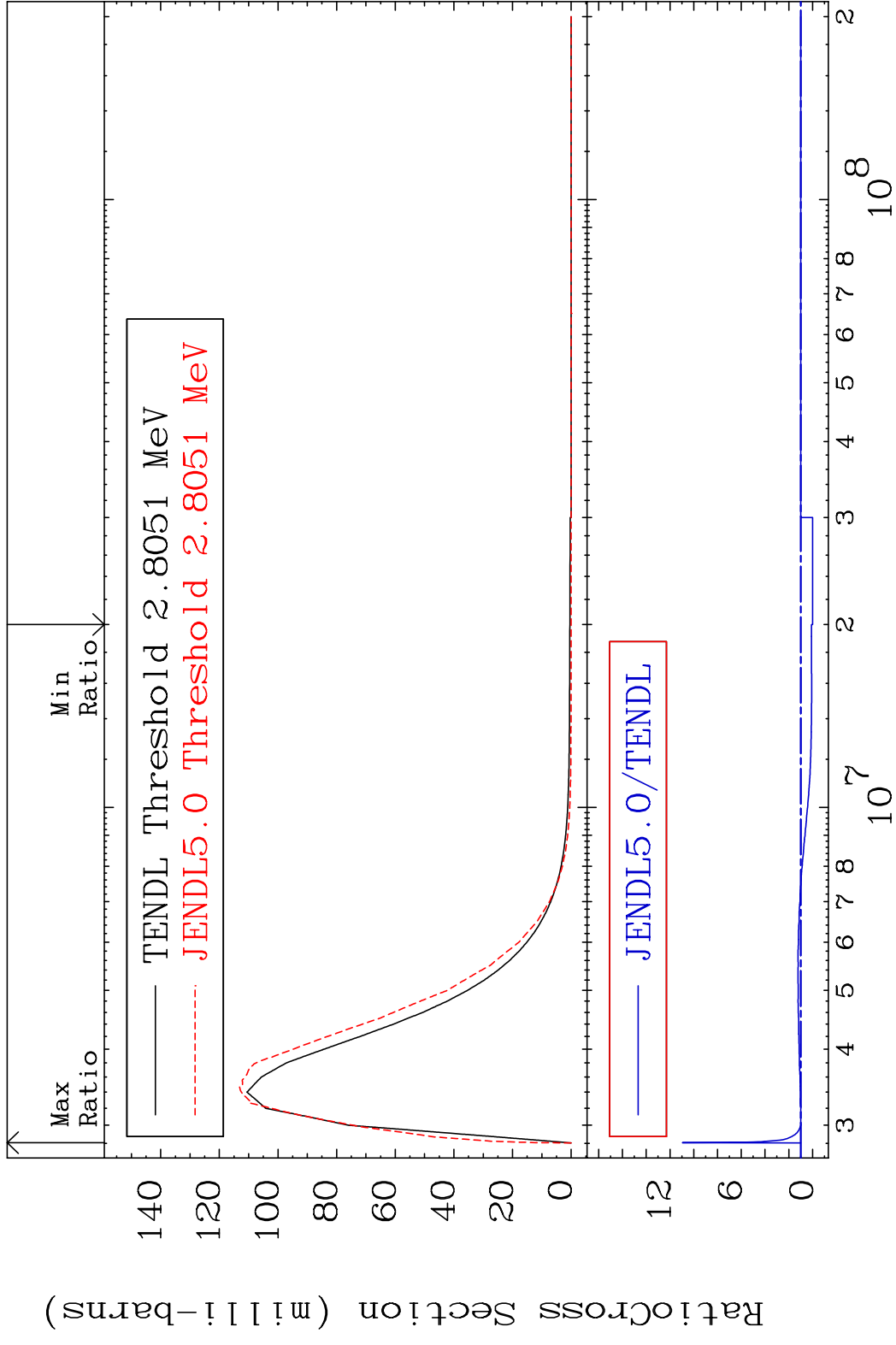
MAT 3031 MT= 54 (n,n') Level 30-Zn-66  
 Cross Section -100.0 To 146.9 %



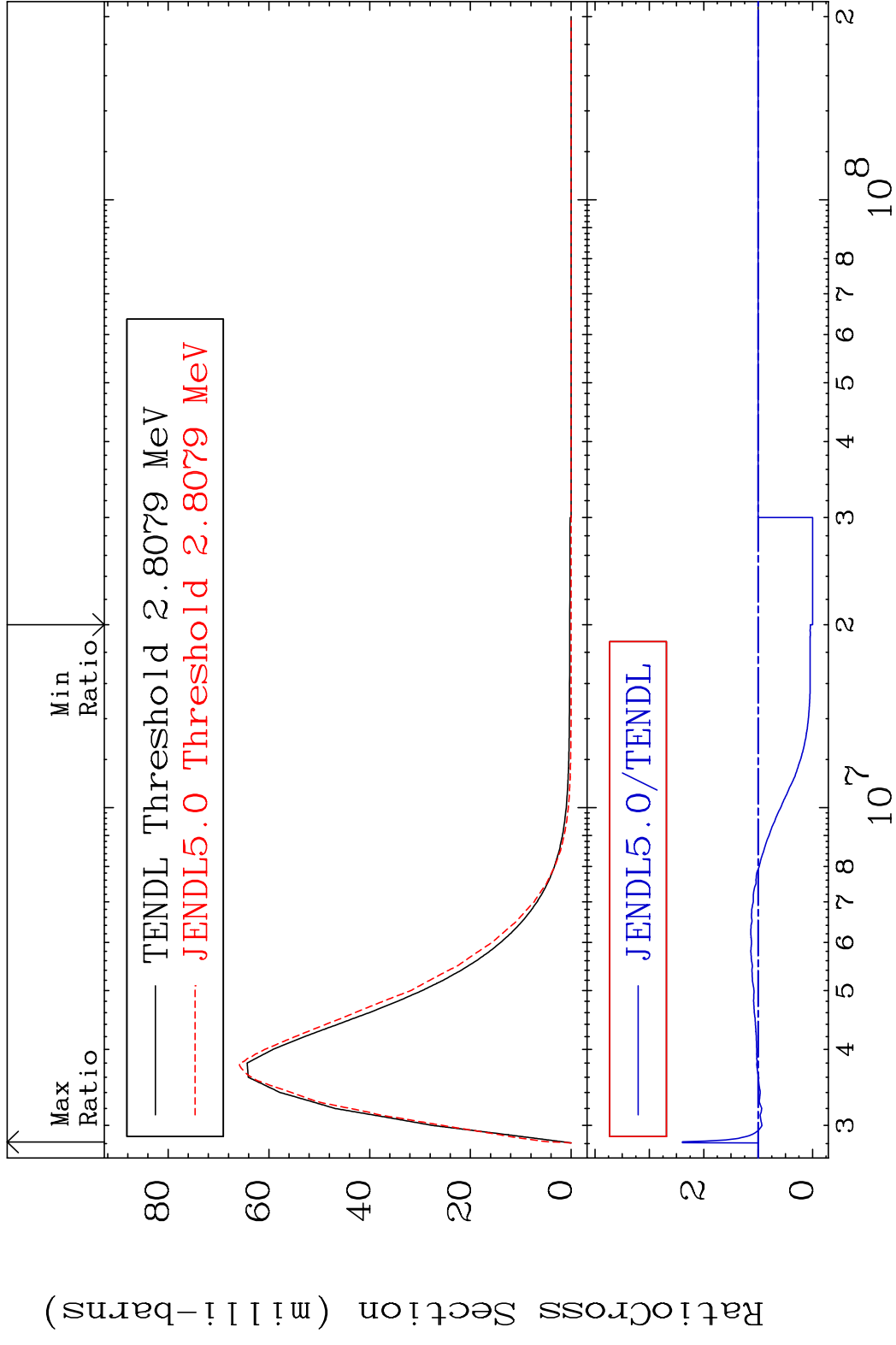
MAT 3031 MT= 55 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 9999. %



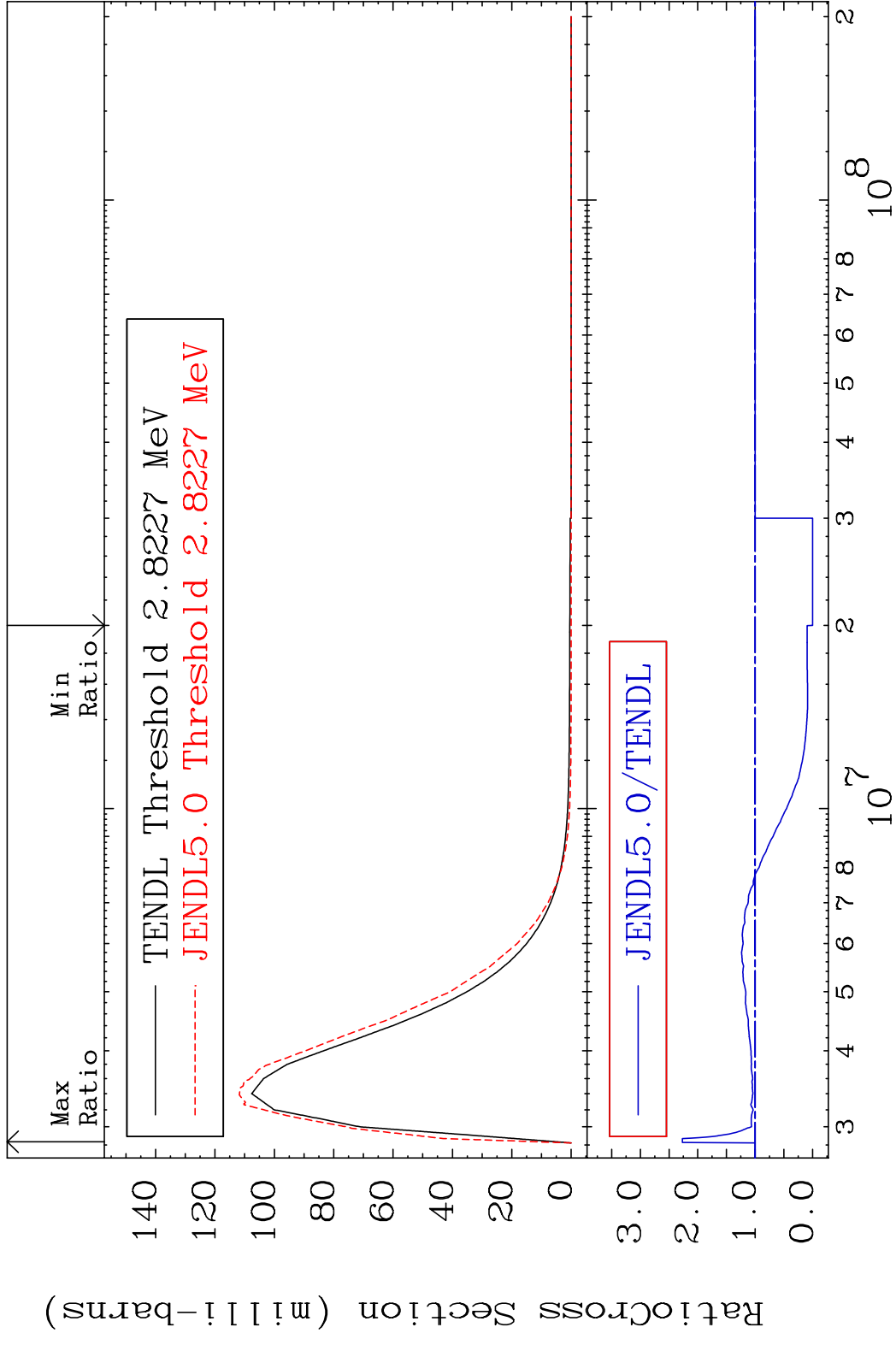
MAT 3031 MT= 56 (n,n') Level 30-Zn-66  
 Cross Section -100.0 To 995.8 %



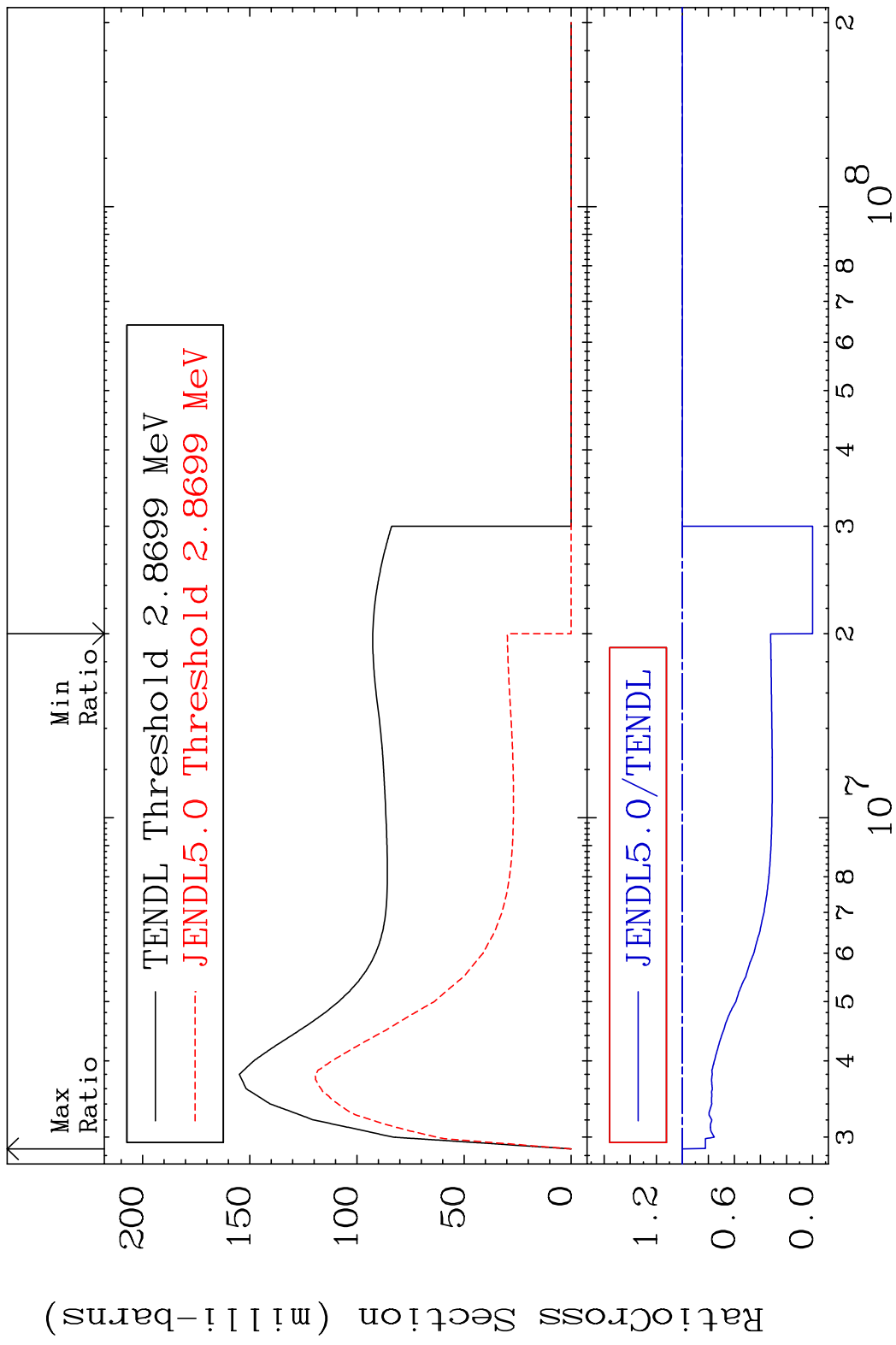
MAT 3031 MT= 57 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 139.3 %



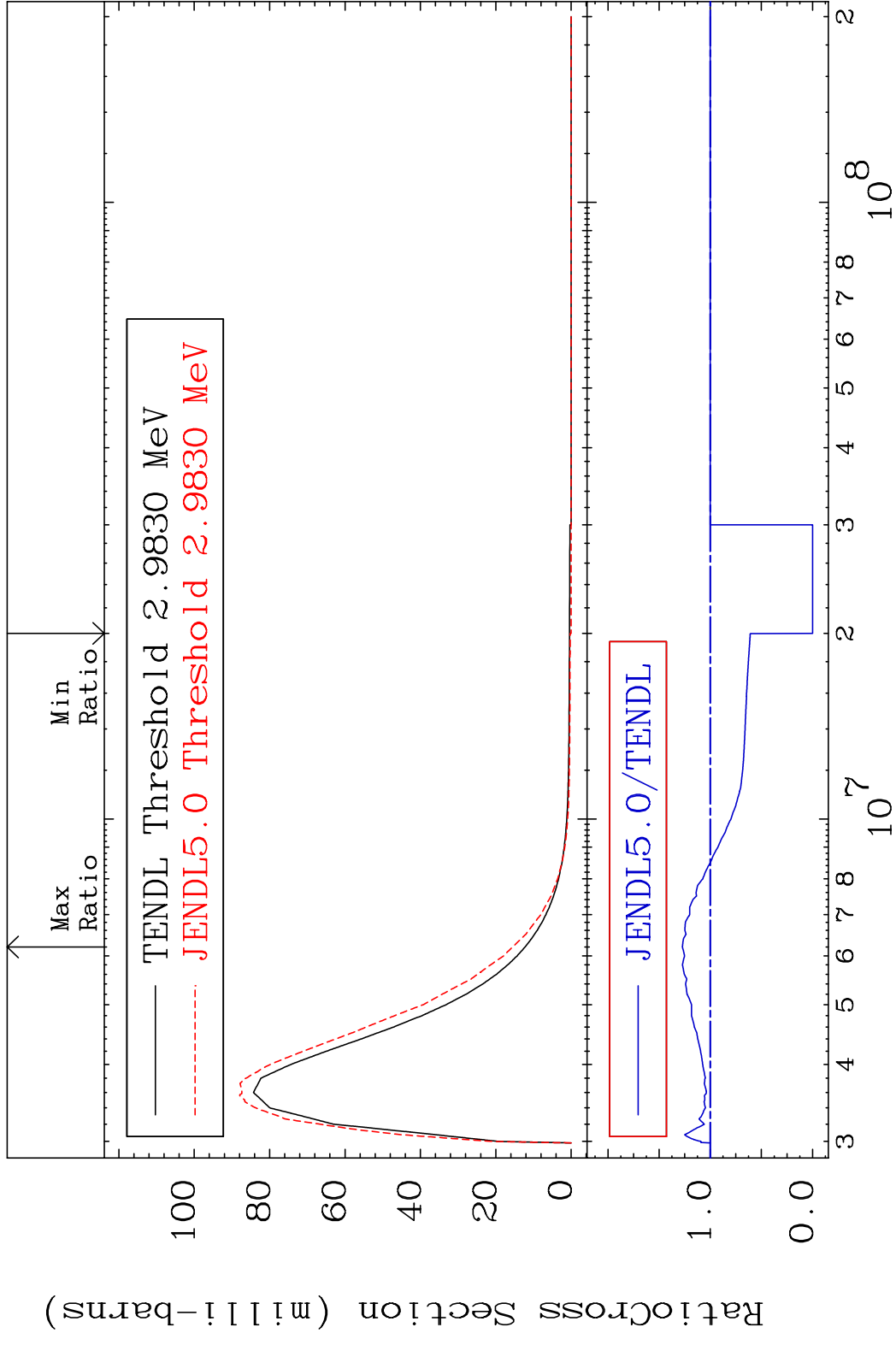
MAT 3031 MT= 58 (n,n') Level 30-Zn-66  
 Cross Section -100.0 To 126.8 %



MAT 3031 MT= 59 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 0.000 %



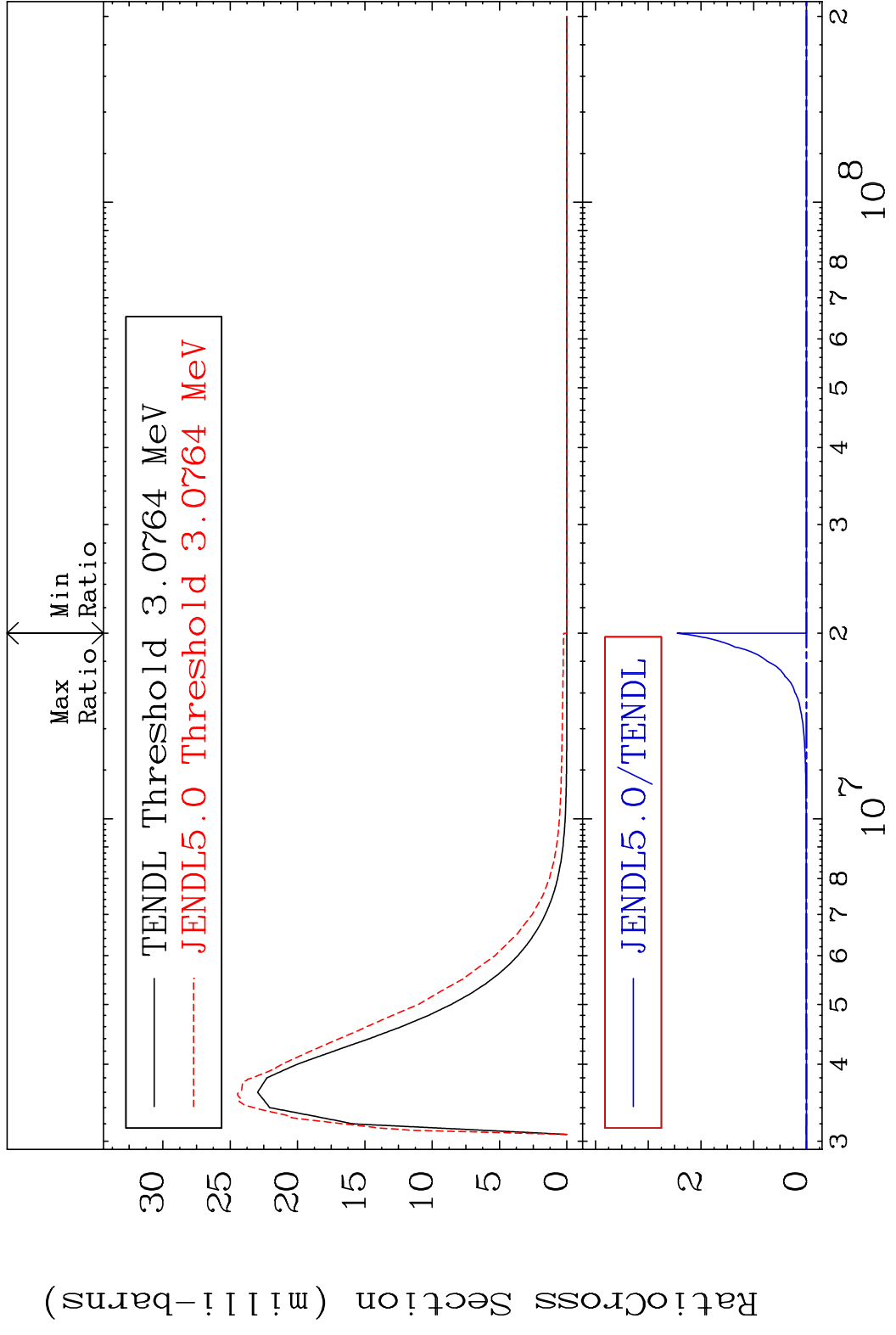
MAT 3031 MT= 60 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 27.26 %



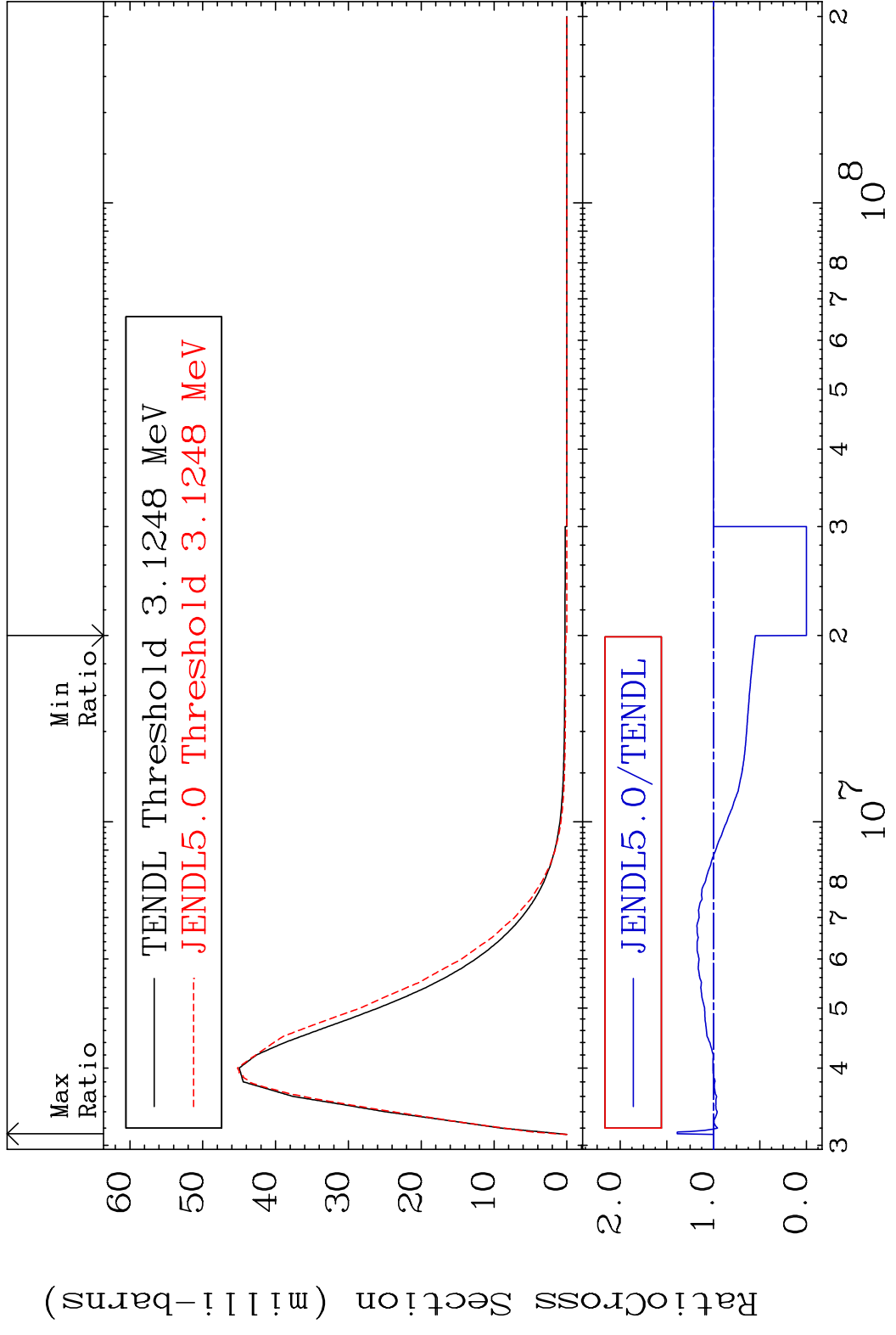
20

Incident Energy (eV) 30-Zn-66

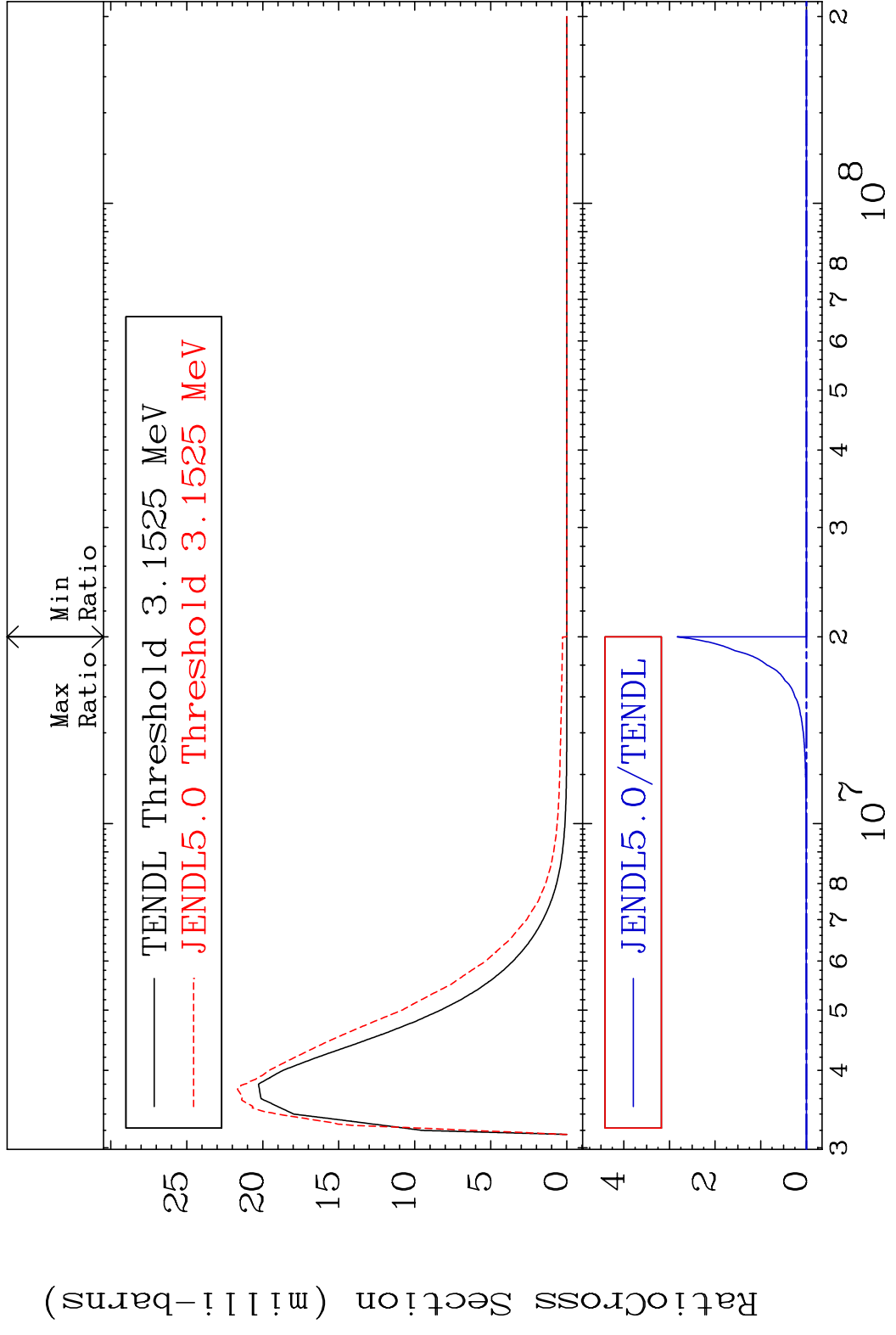
MAT 3031 MT= 61 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 9999. %



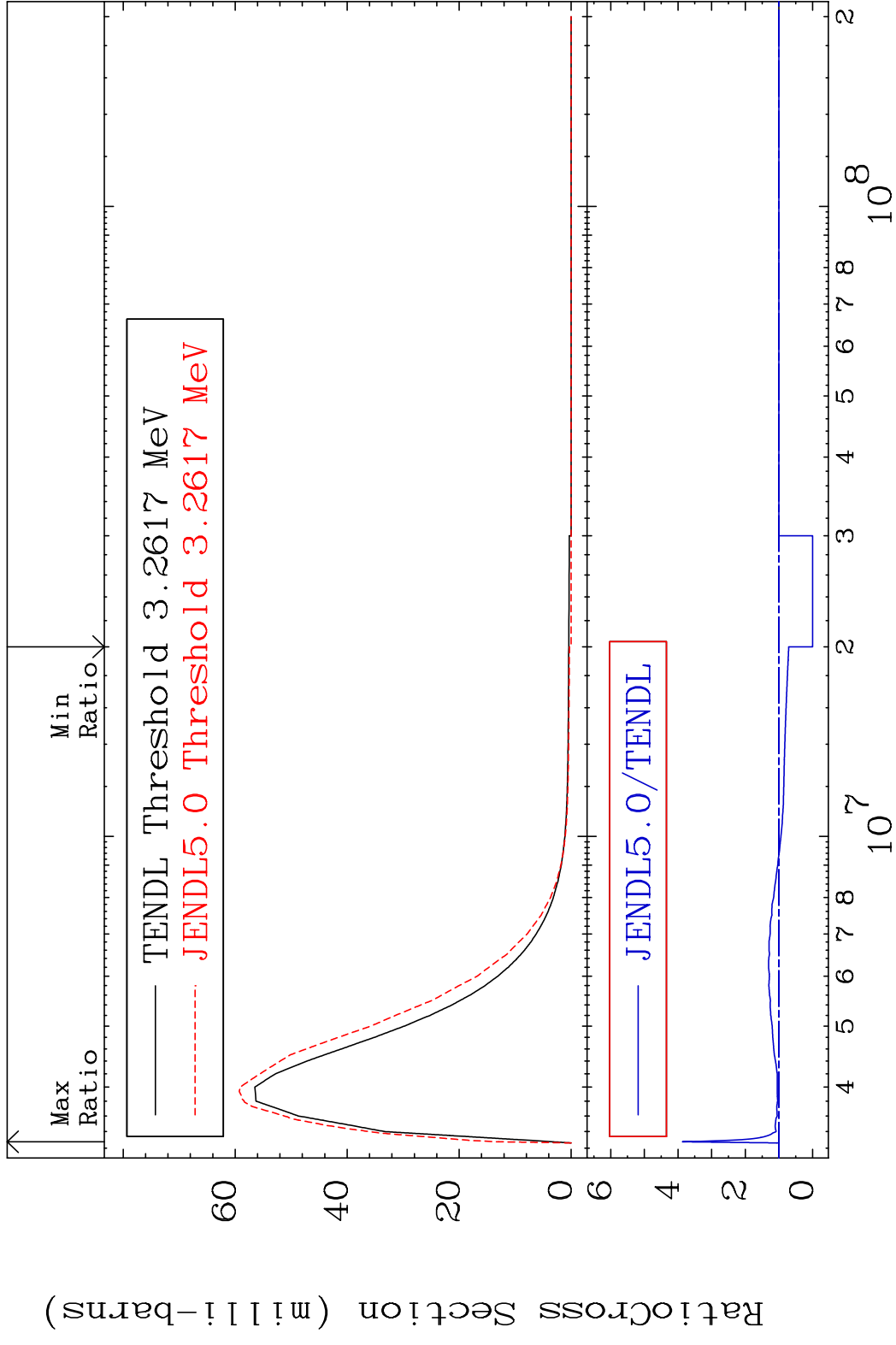
MAT 3031 MT= 62 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 38.86 %



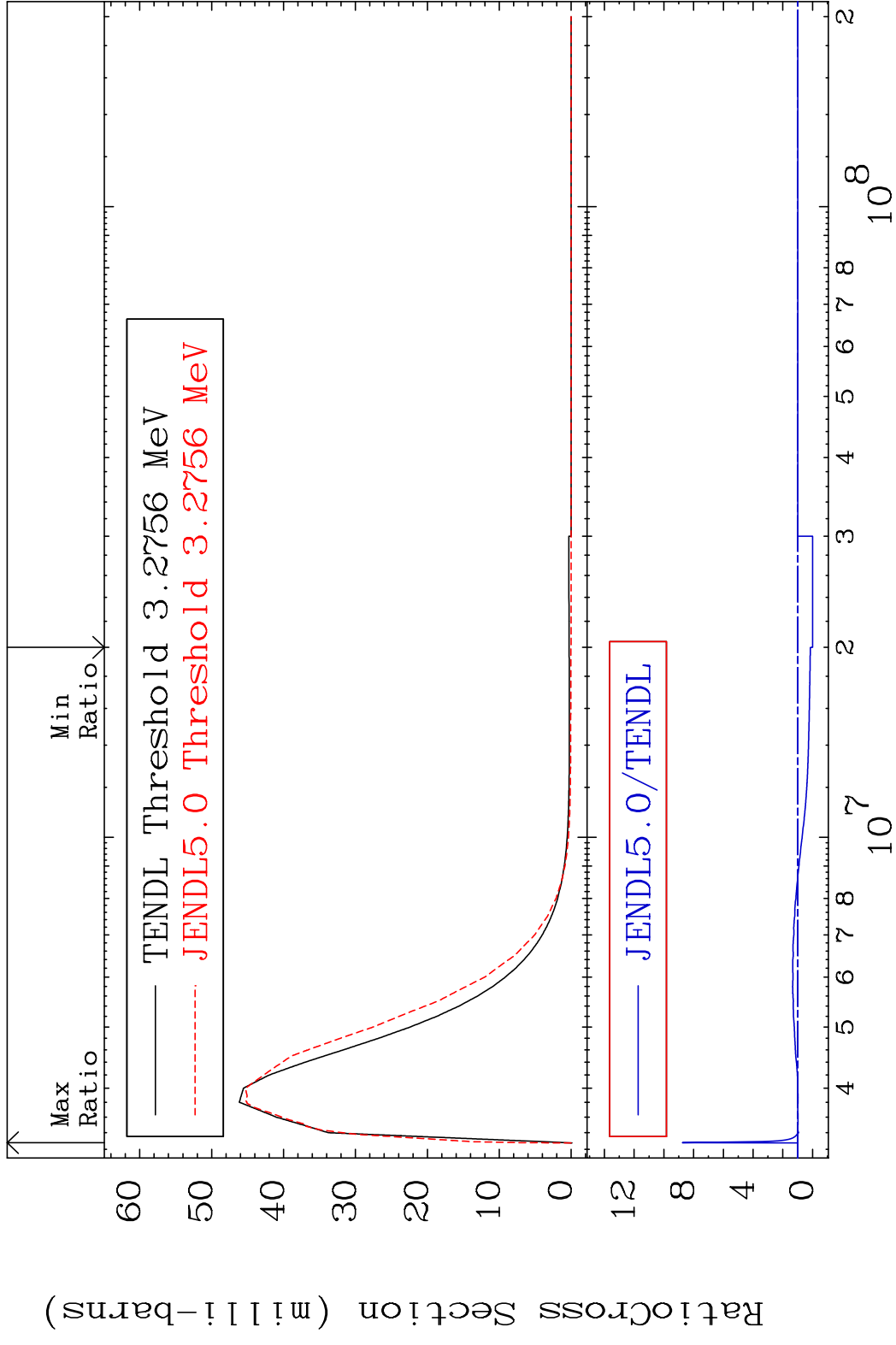
MAT 3031 MT= 63 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 9999. %



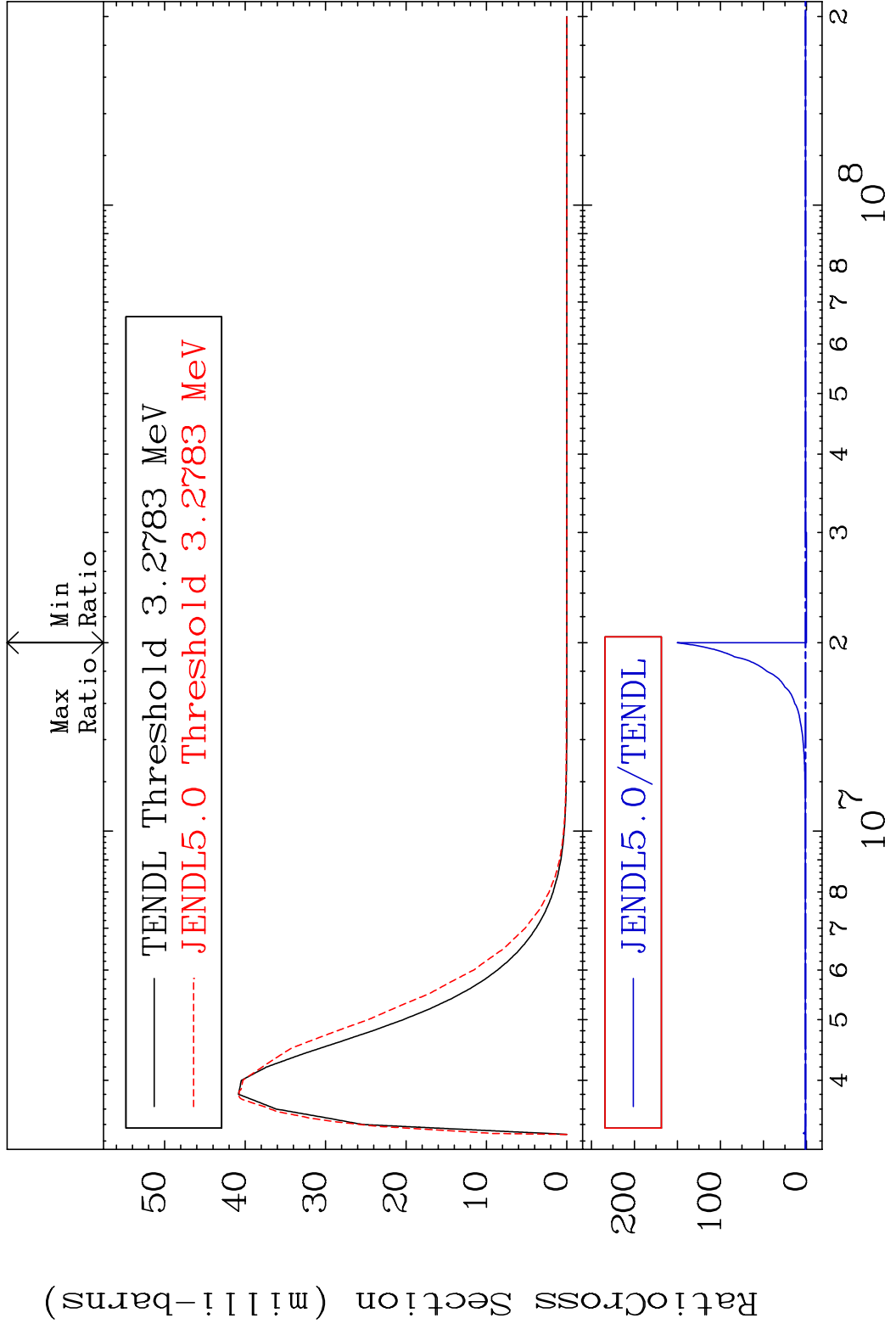
MAT 3031 MT= 64 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 287.0 %



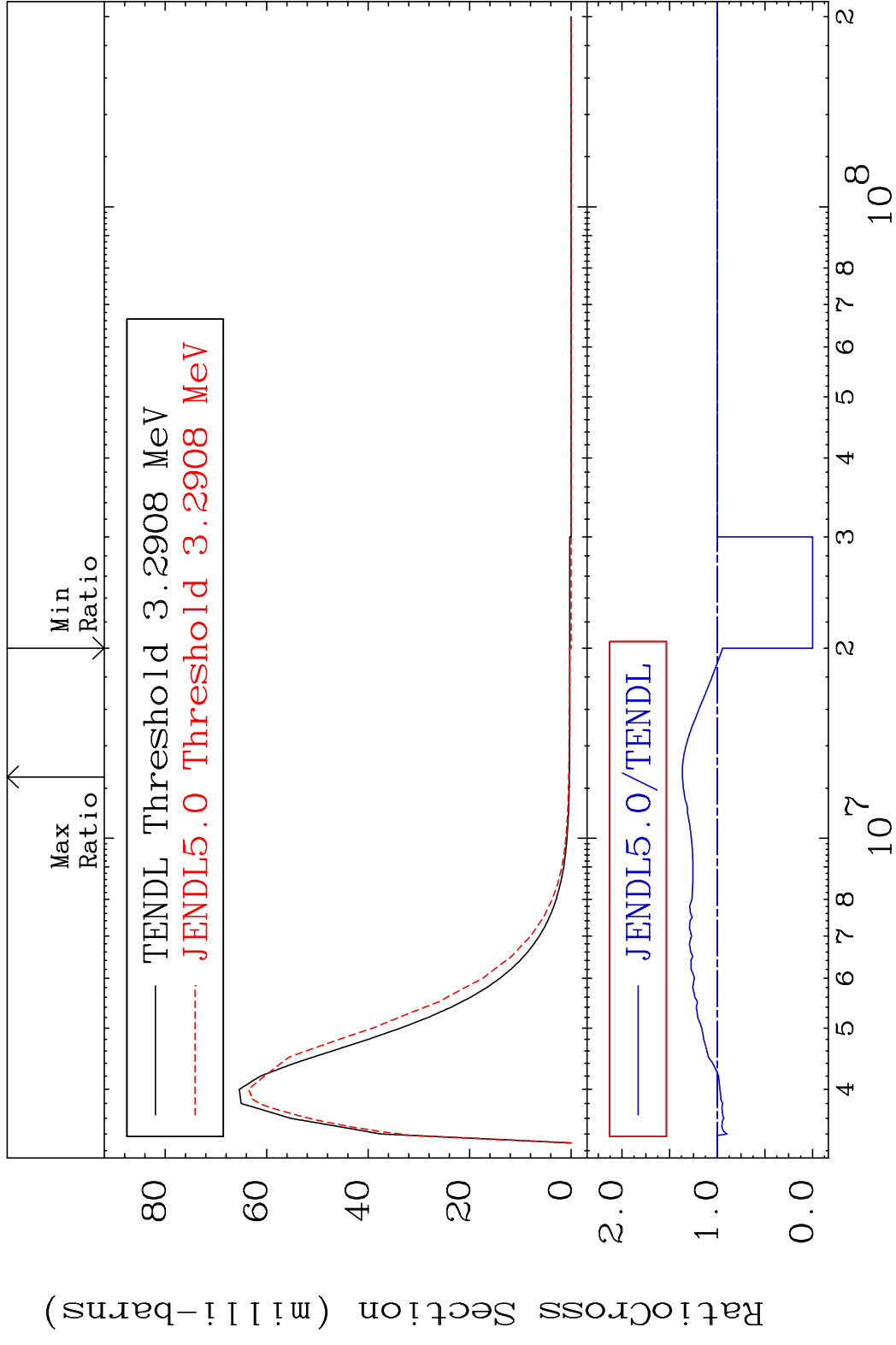
MAT 3031 MT= 65 (n,n') Level 30-Zn-66  
 Cross Section -100.0 To 775.7 %



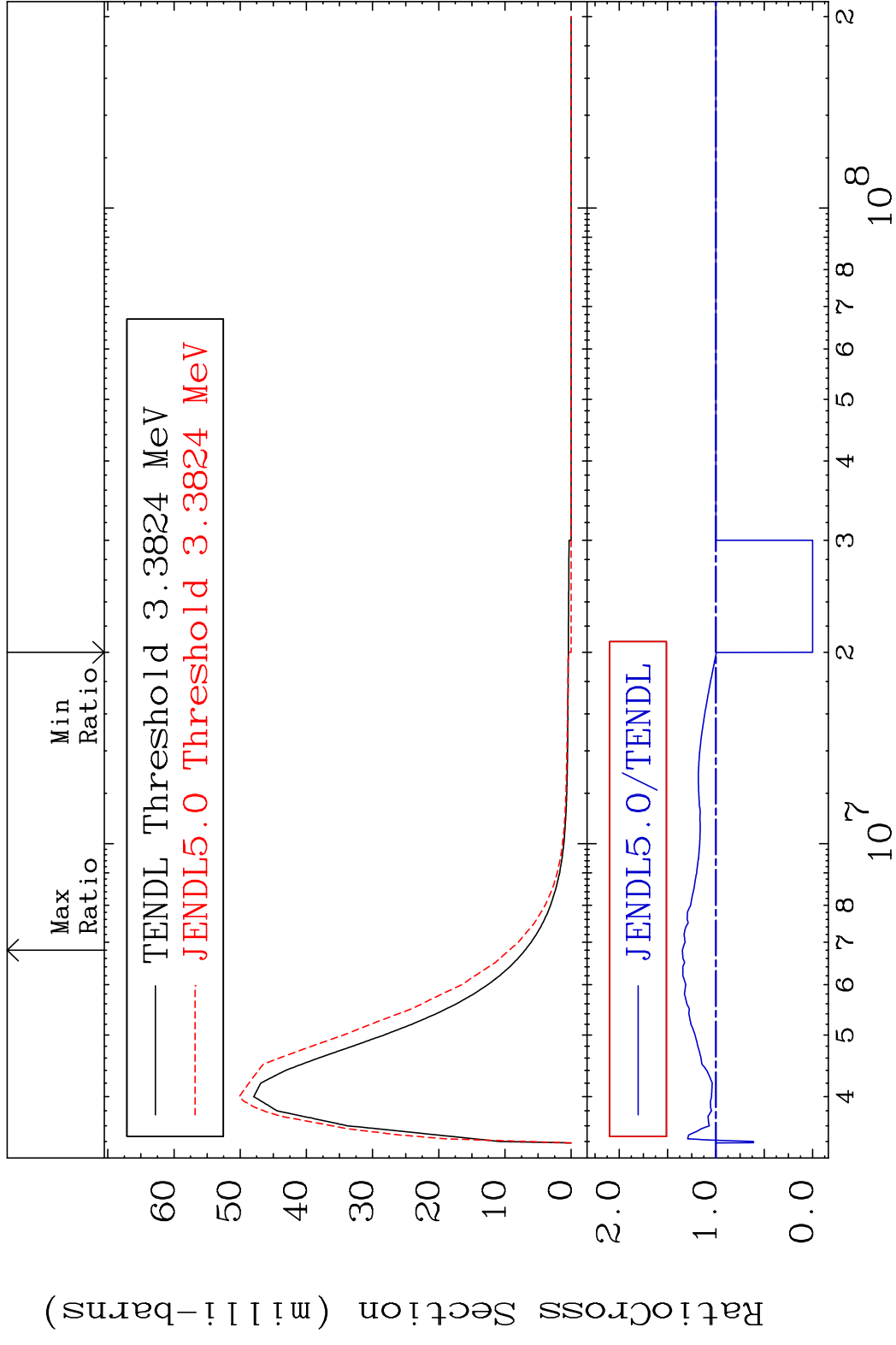
MAT 3031 MT= 66 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 9999. %



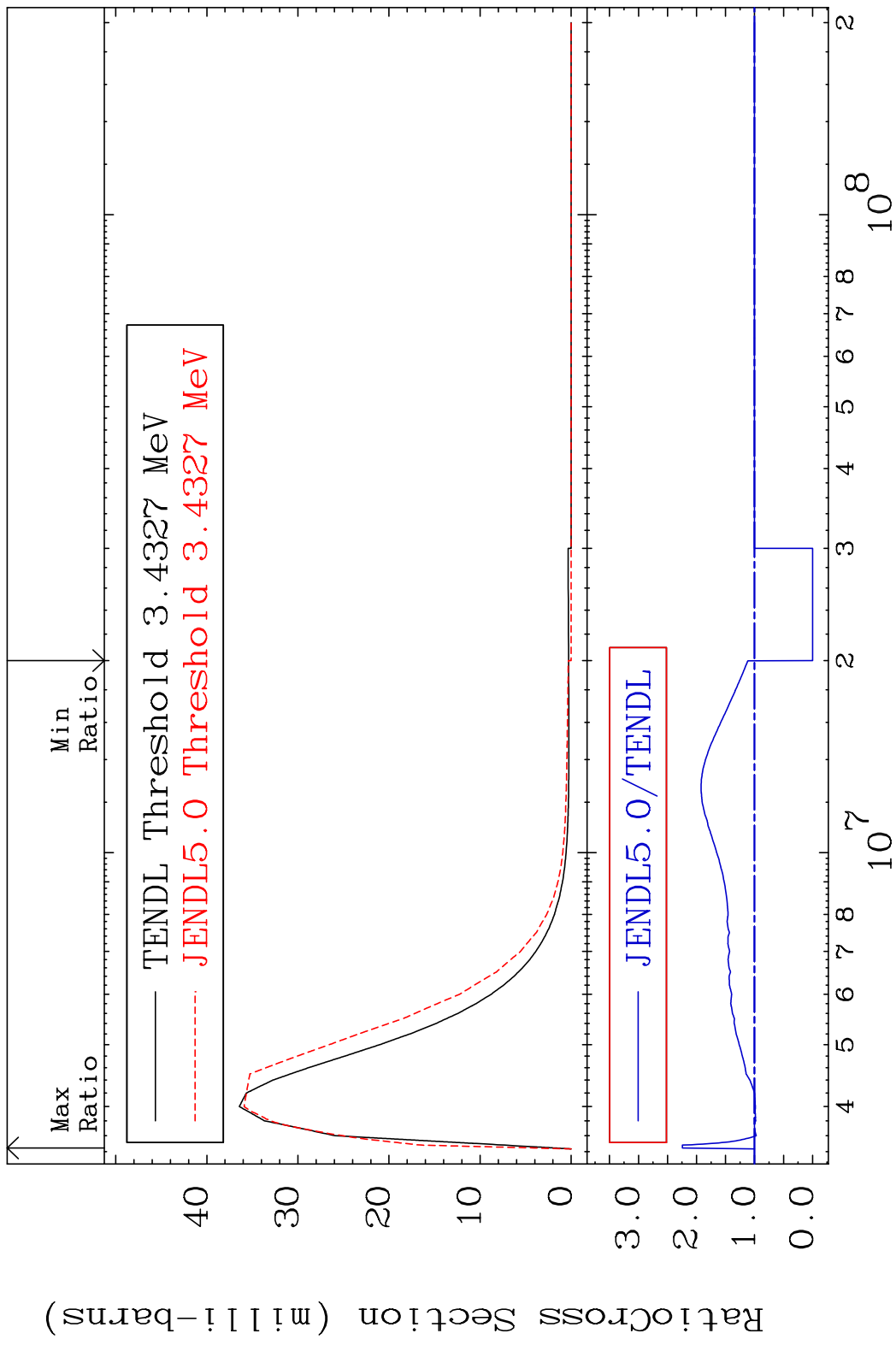
MAT 3031 MT= 67 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 36.68 %



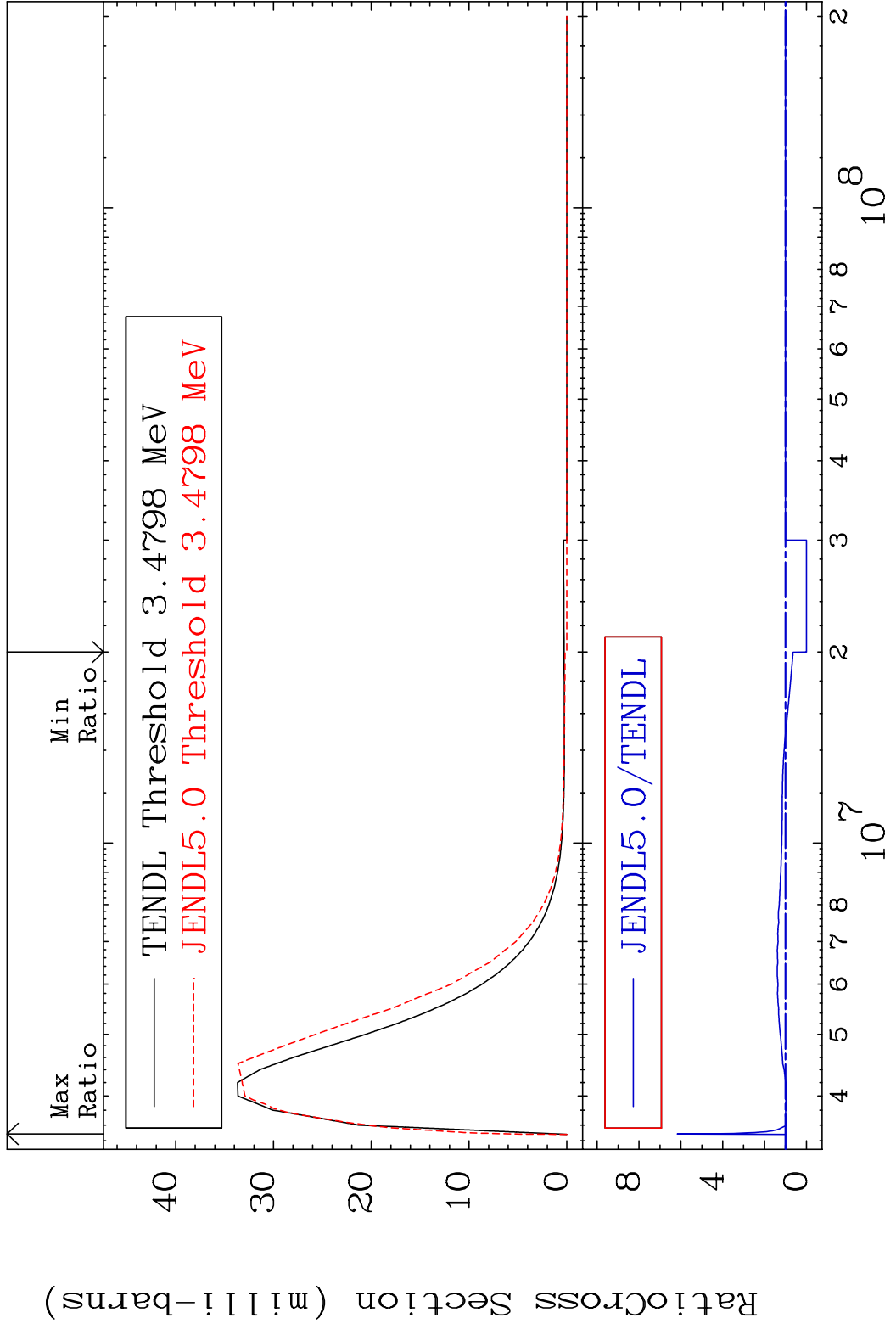
MAT 3031 MT= 68 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 34.72 %



MAT 3031 MT= 69 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 124.4 %

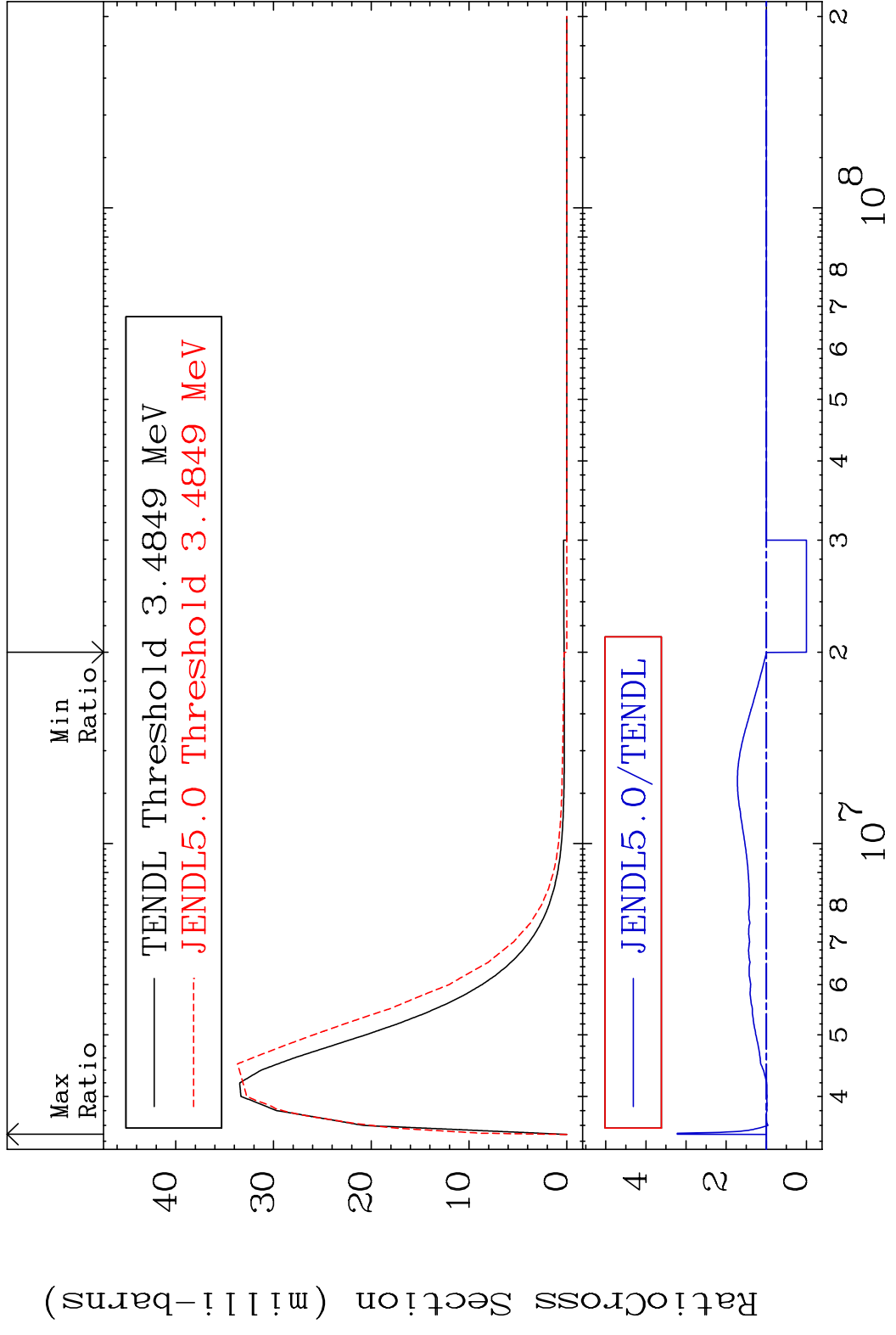


MAT 3031 MT= 70 (n,n') Level 30-Zn-66  
 Cross Section -100.0 To 517.6 %

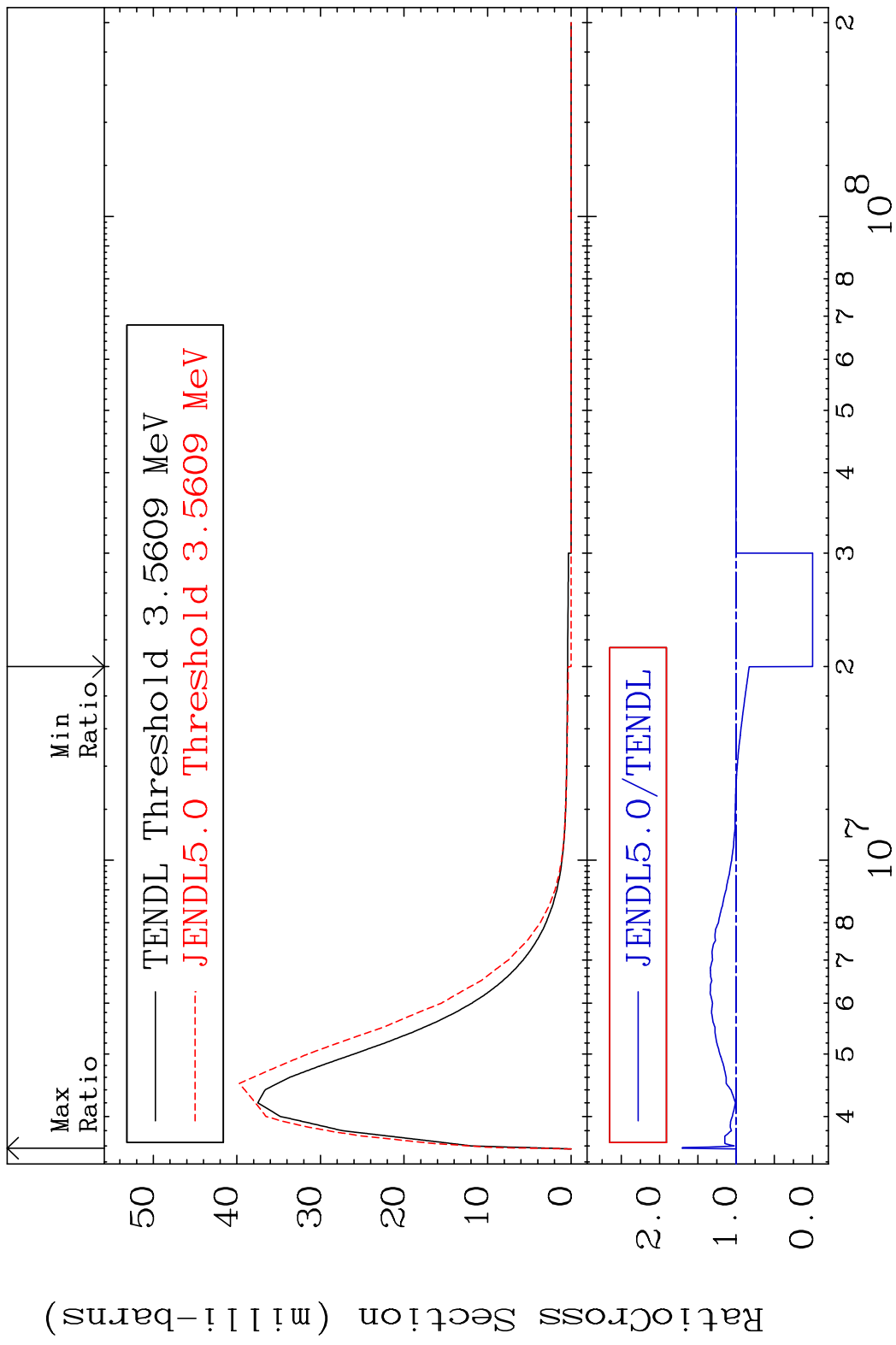


30 Incident Energy (eV) 30-Zn-66

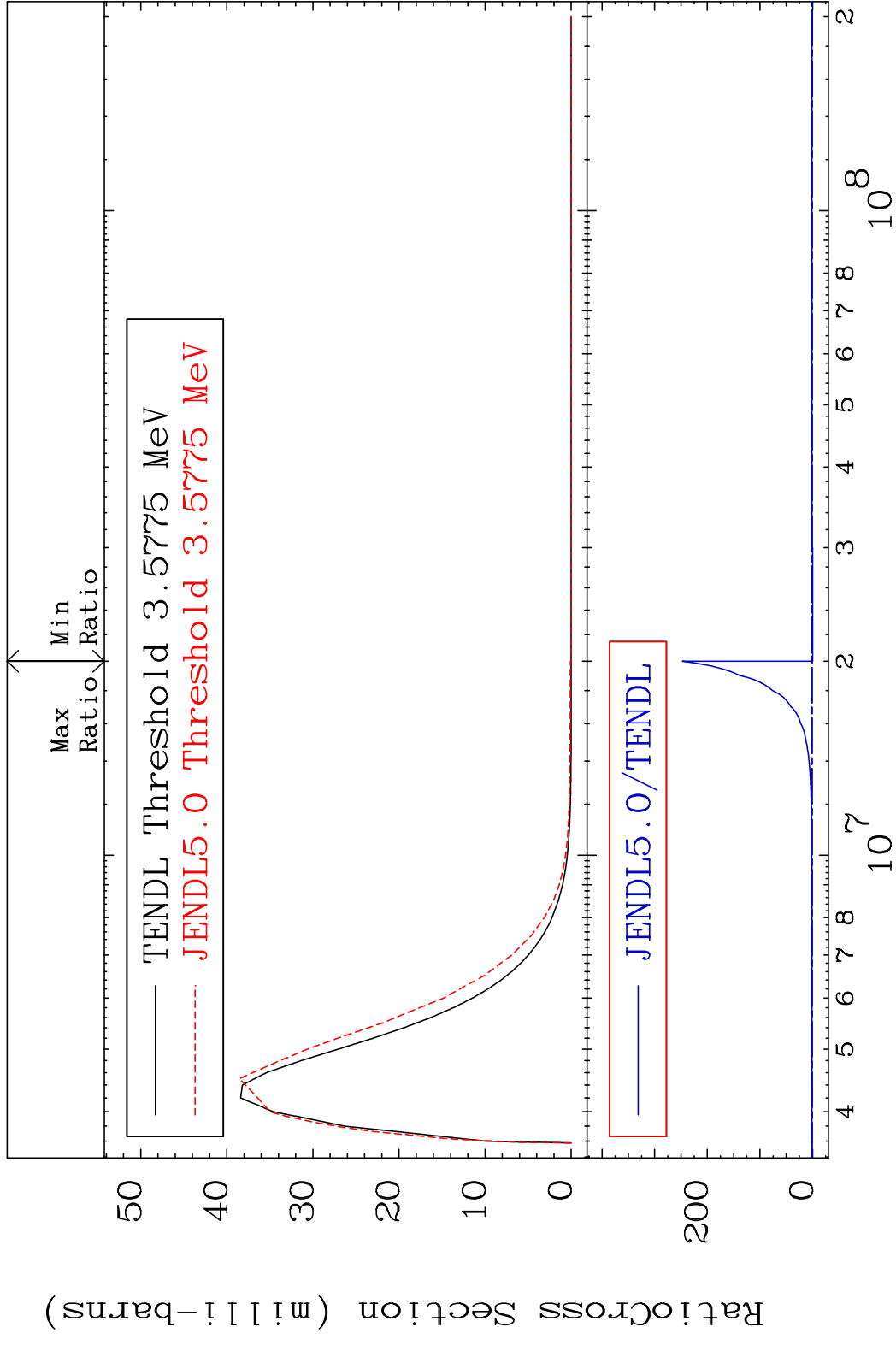
MAT 3031 MT= 71 (n,n') Level 30-Zn-66  
 Cross Section -100.0 To 222.1 %



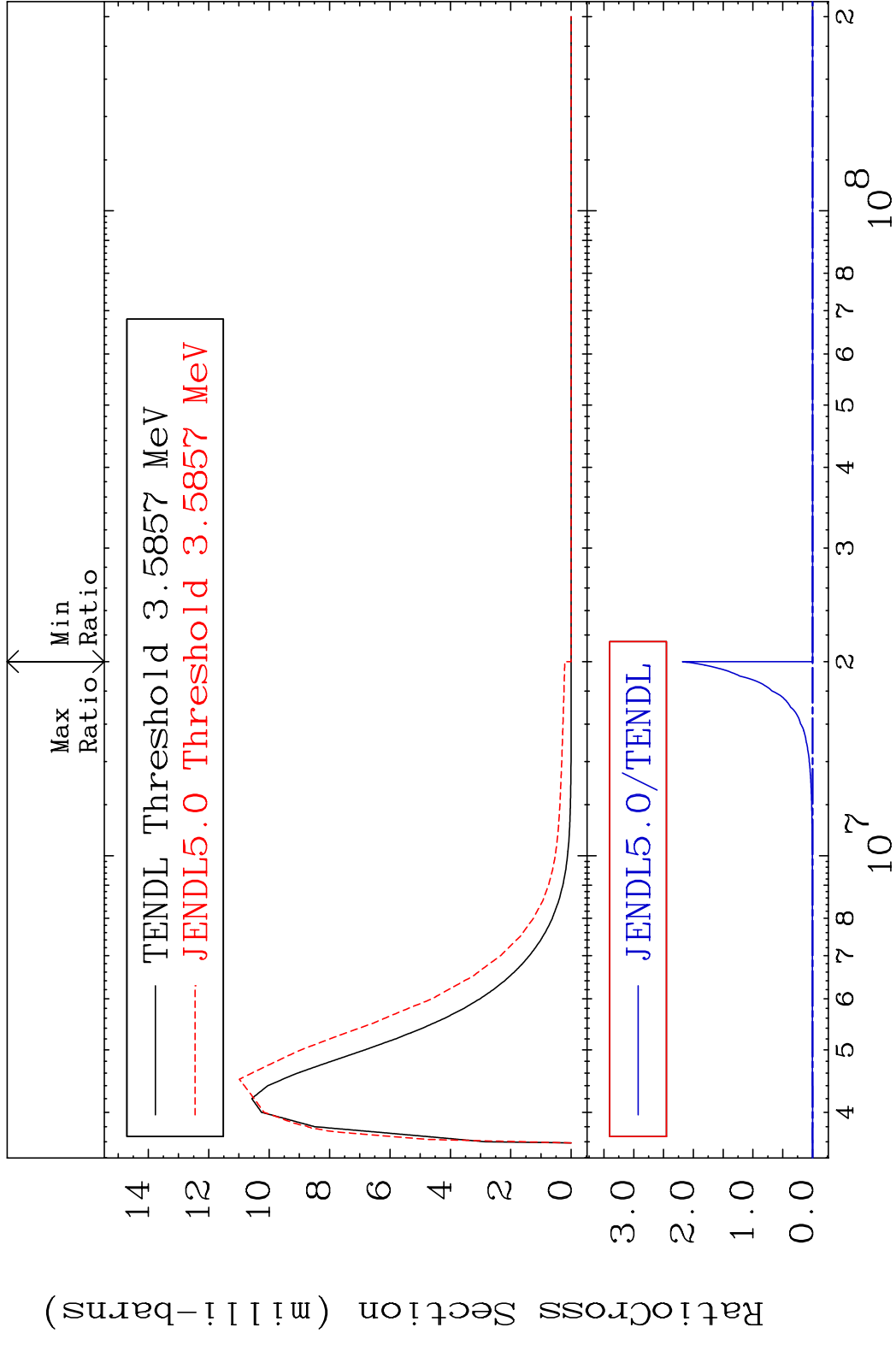
MAT 3031 MT= 72 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 70.18 %



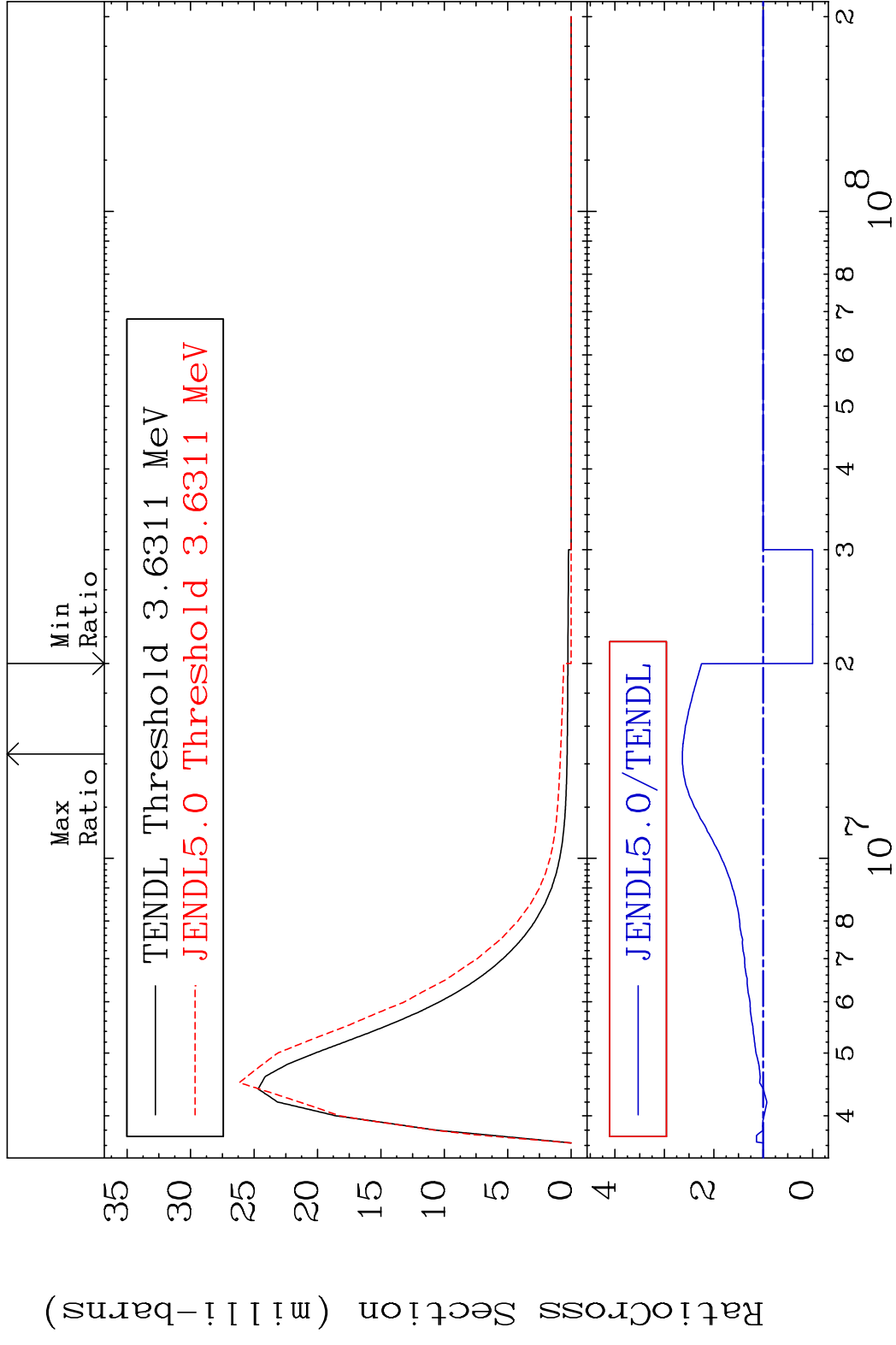
MAT 3031 MT= 73 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 9999. %



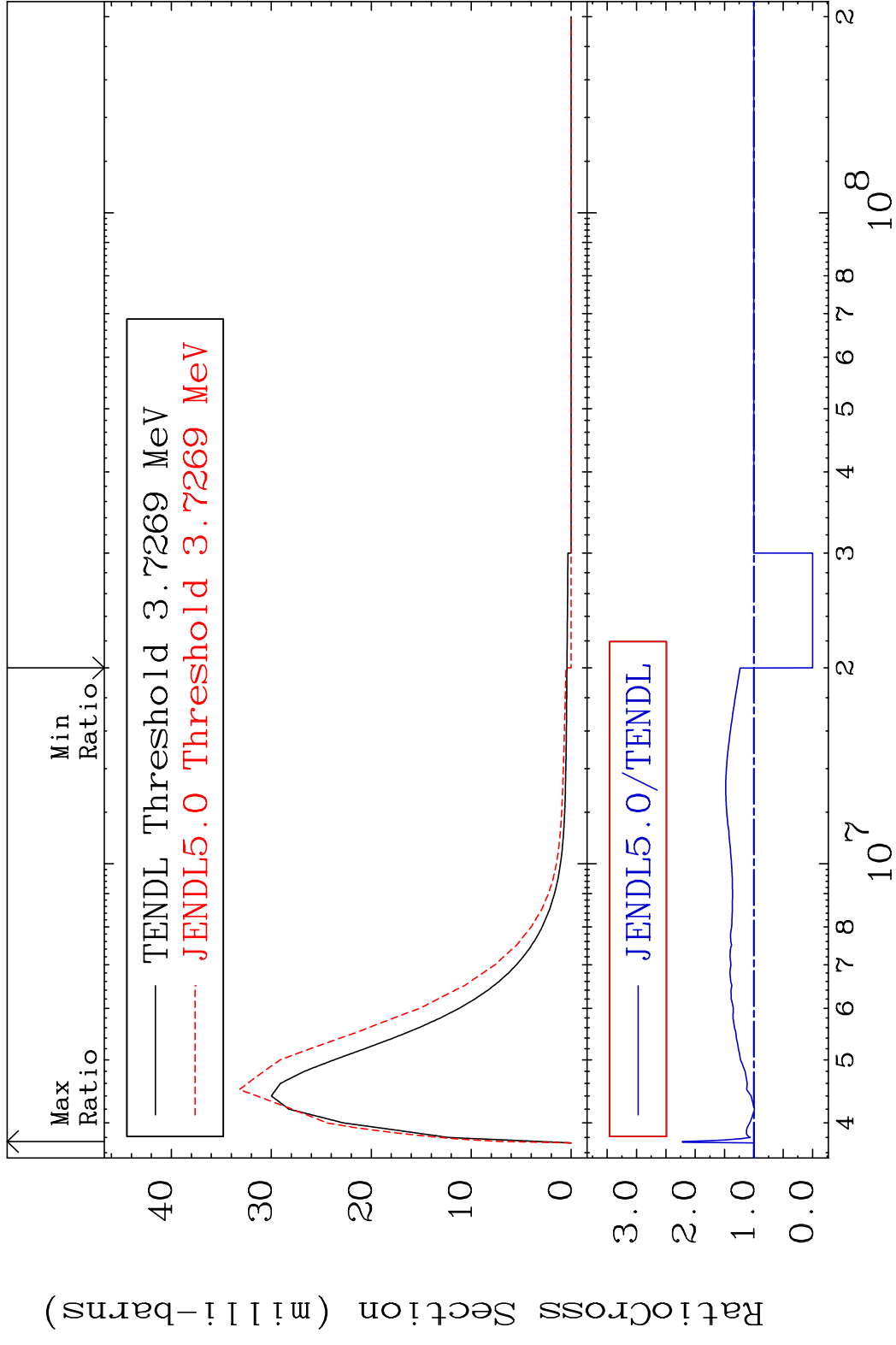
MAT 3031 MT= 74 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 9999. %



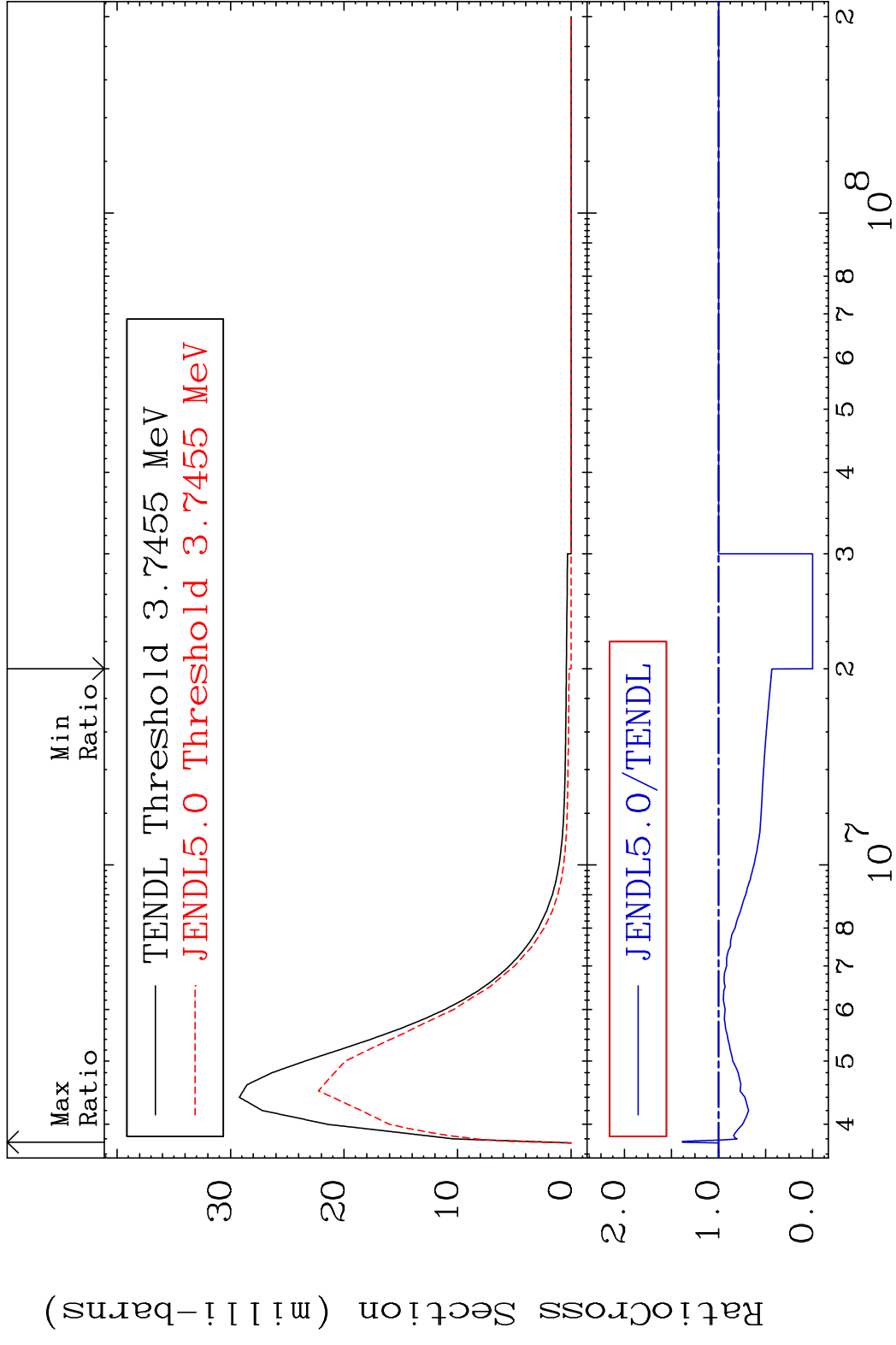
MAT 3031 MT= 75 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 163.6 %



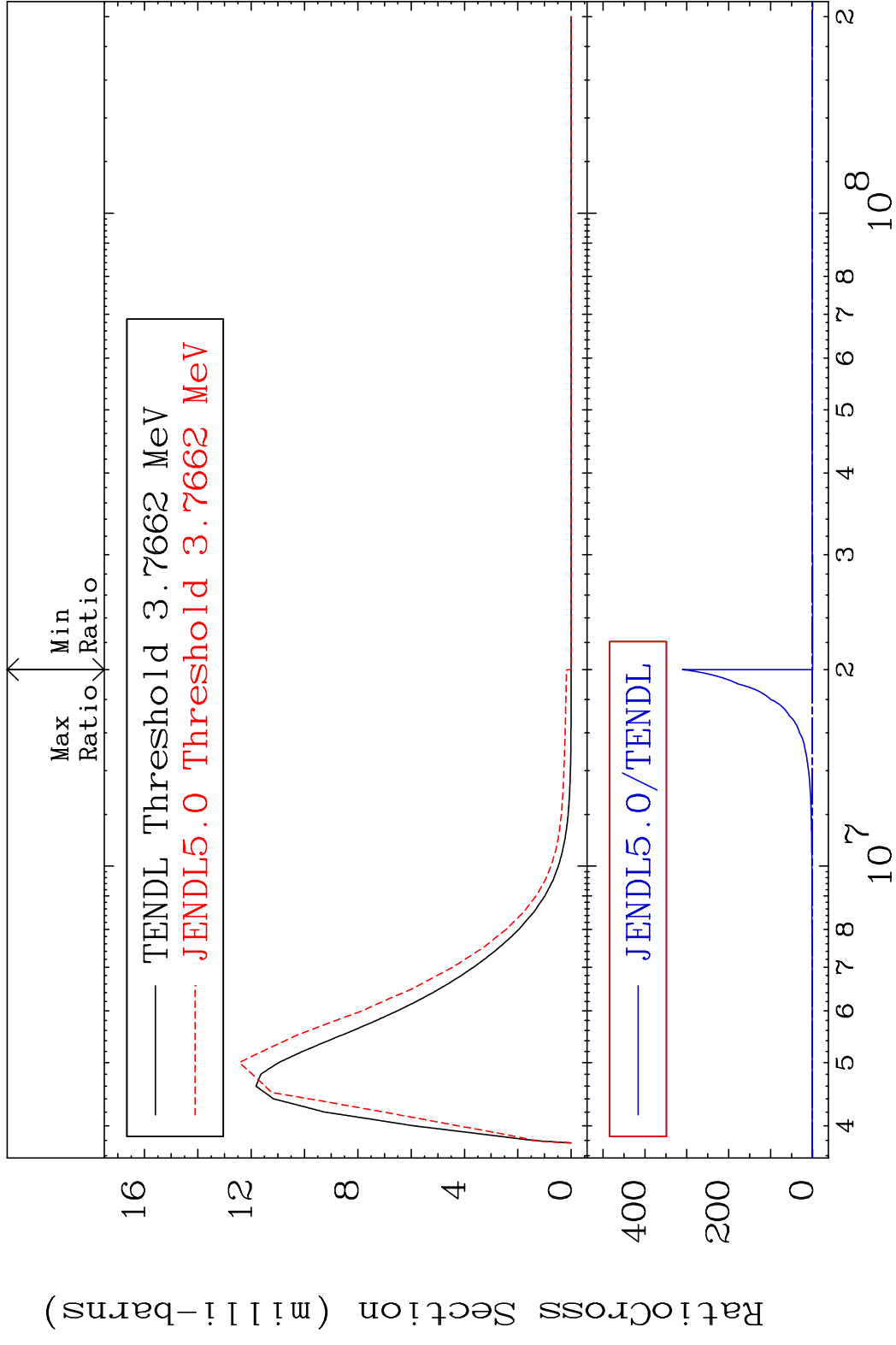
MAT 3031 MT= 76 (n,n') Level 30-Zn-66  
 Cross Section -100.0 To 121.9 %



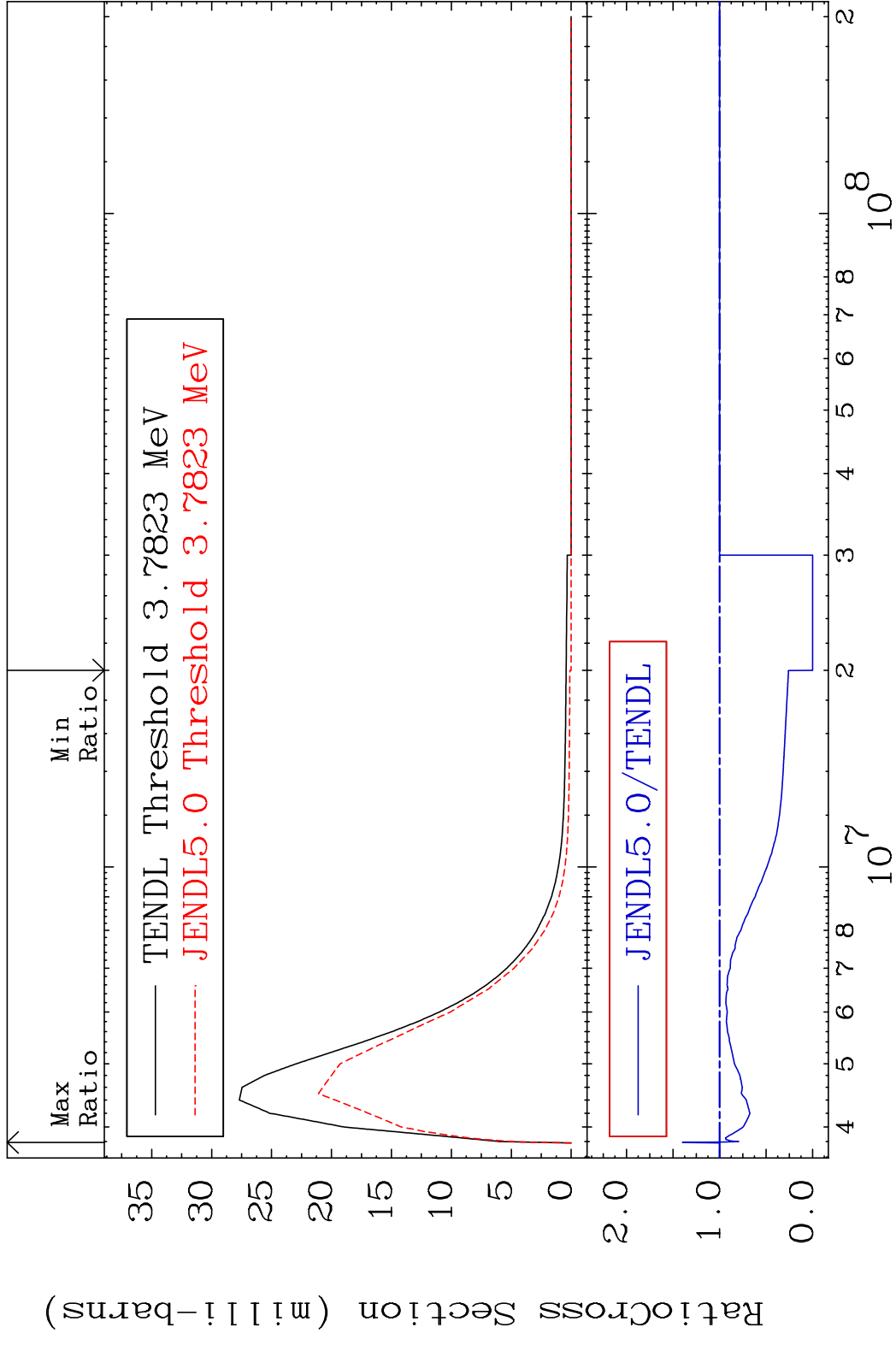
MAT 3031 MT= 77 (n,n') Level 30-Zn-66  
 Cross Section -100.0 To 38.48 %



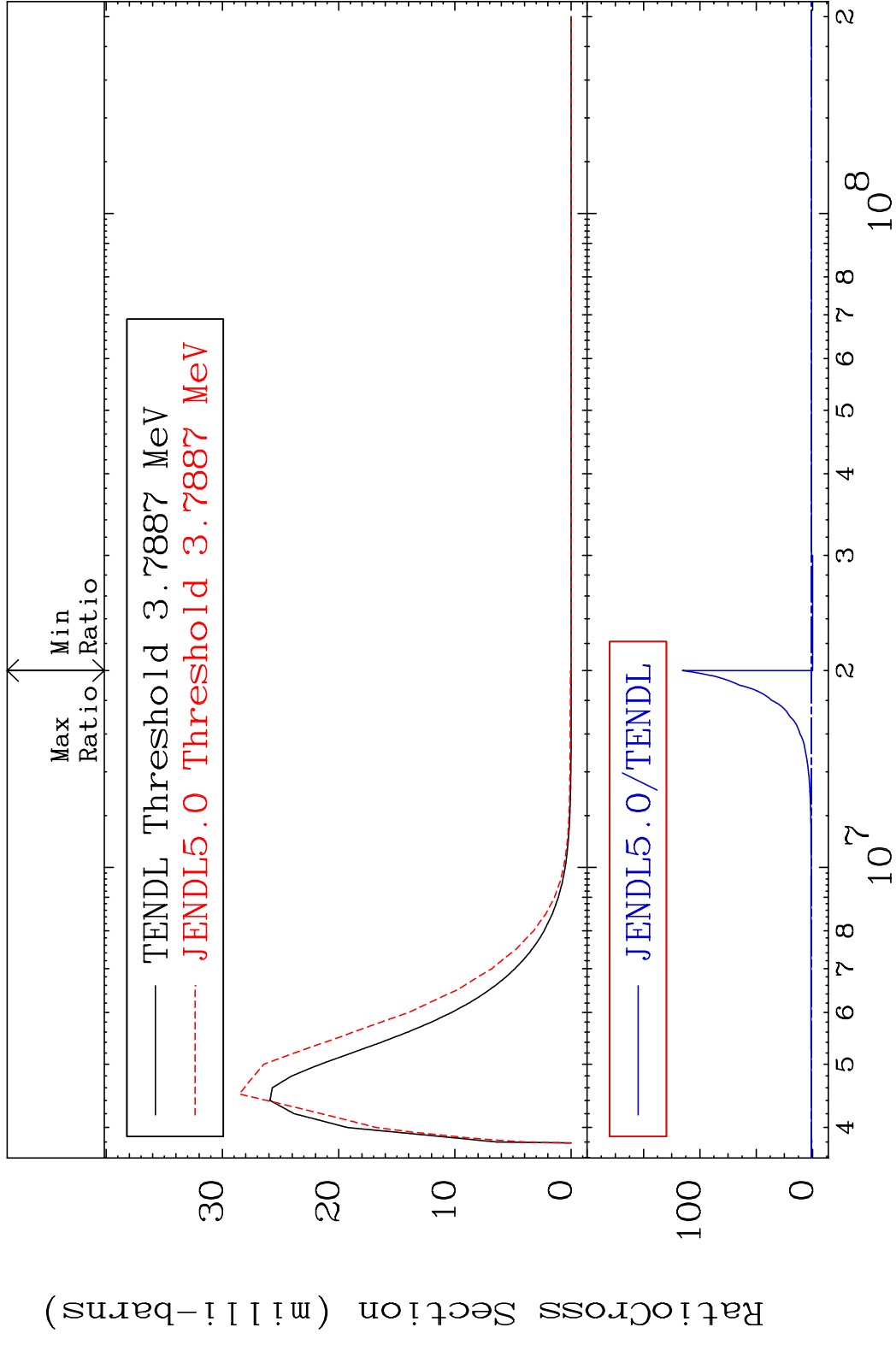
MAT 3031 MT= 78 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 9999. %



MAT 3031 MT= 79 (n,n') Level 30-Zn-66  
 Cross Section -100.0 To 39.90 %

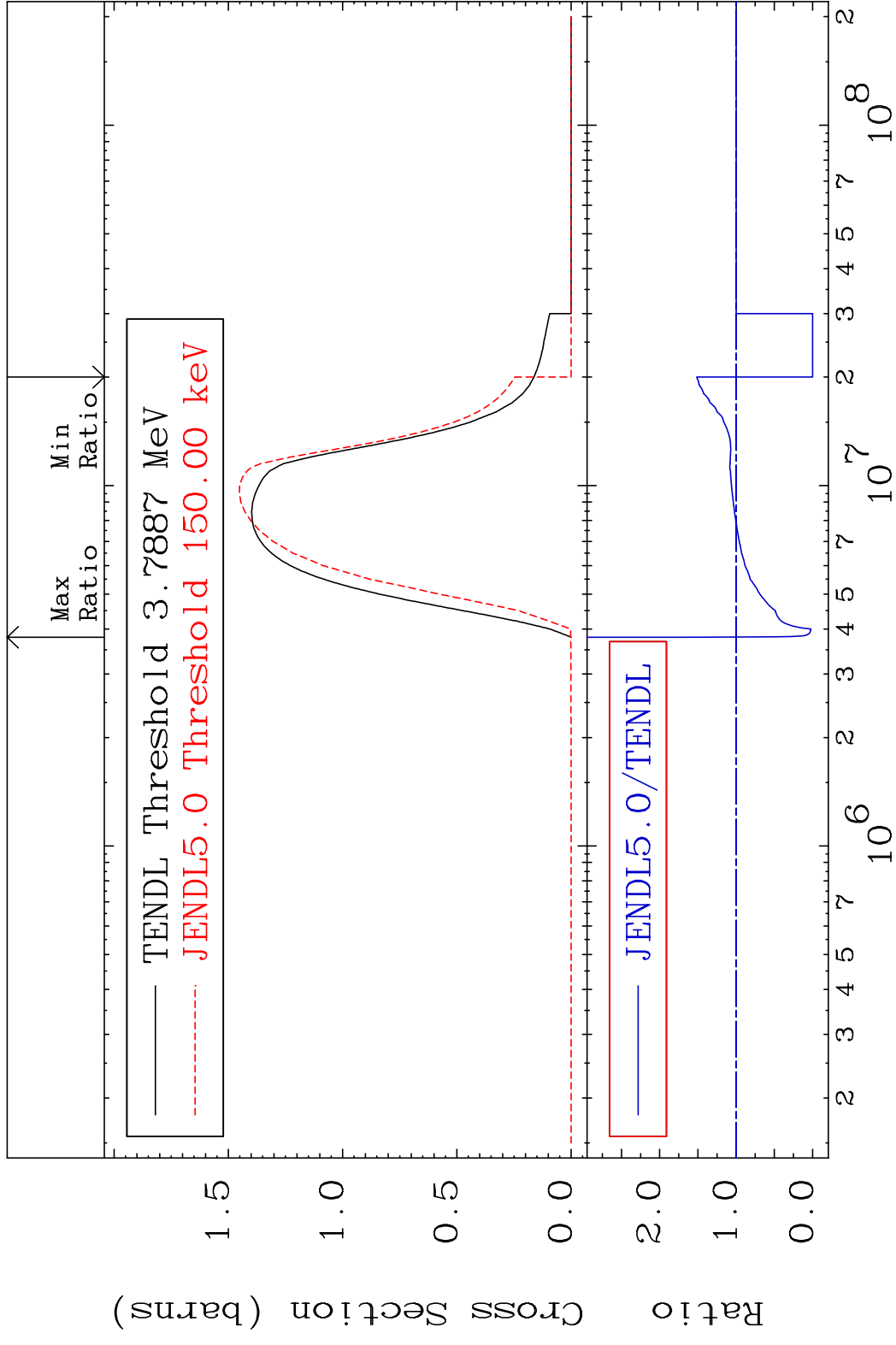


MAT 3031 MT= 80 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 9999. %



40 Incident Energy (eV) 30-Zn-66

MAT 3031 (n,n') Continuum 30-Zn-66  
 Cross Section -100.0 To 70.34 %

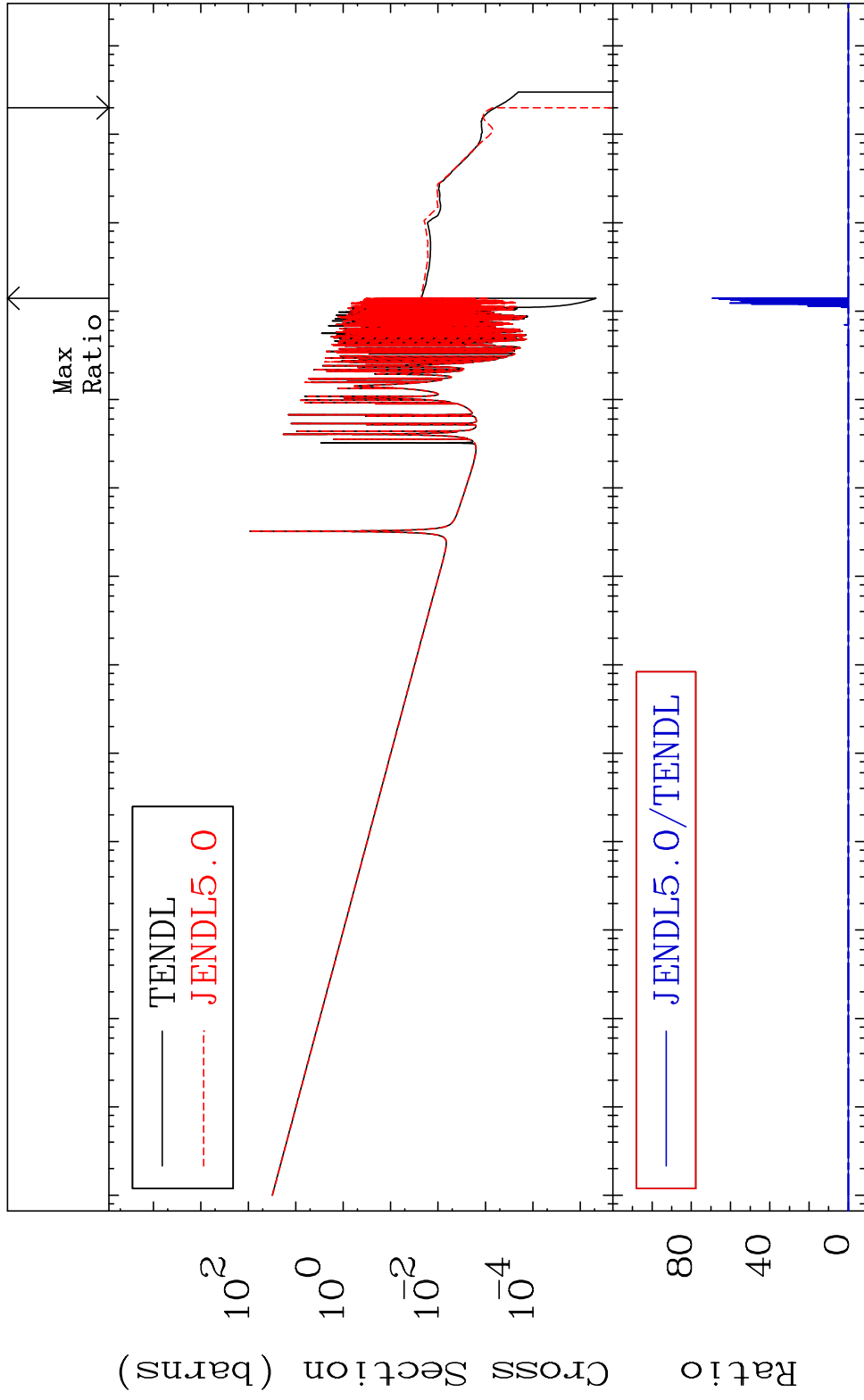


MAT 3031

(n,  $\gamma$ )

30-Zn-66

Cross Section -100.0 To 9999. %

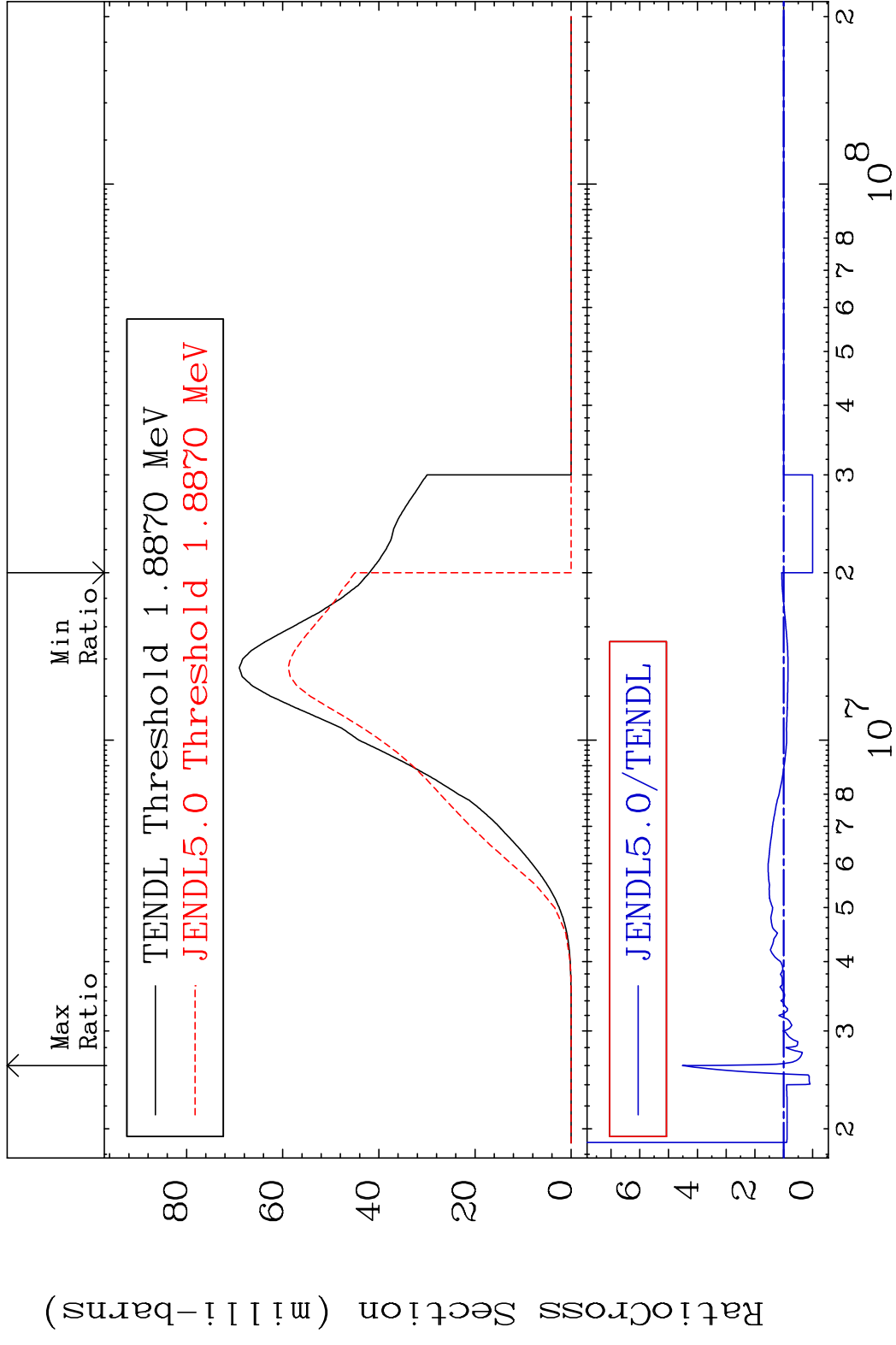


42

Incident Energy (eV)

30-Zn-66

MAT 3031 (n,p) 30-Zn-66  
 Cross Section -100.0 To 352.0 %



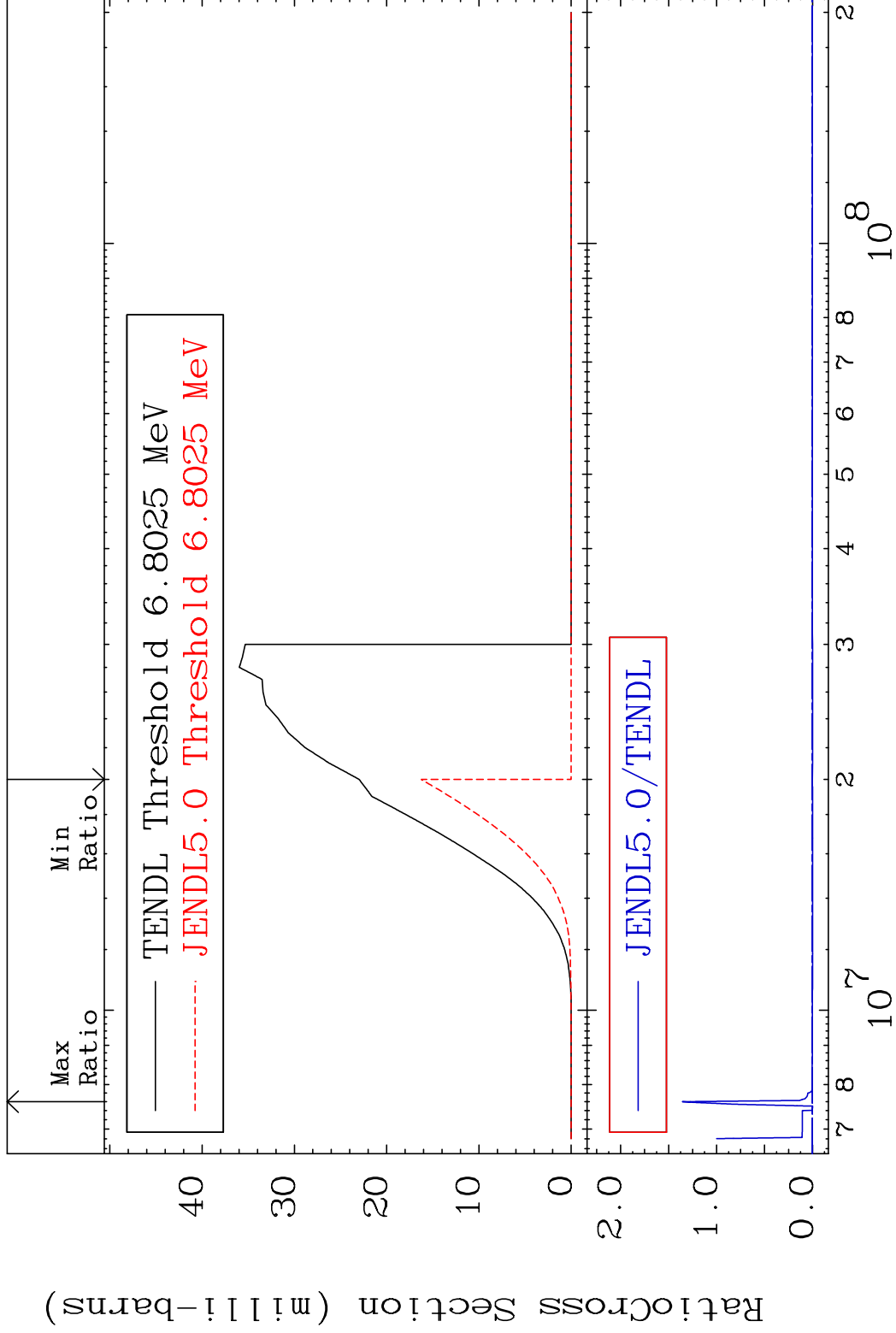
43 30-Zn-66

MAT 3031

(n,d)

30-Zn-66

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

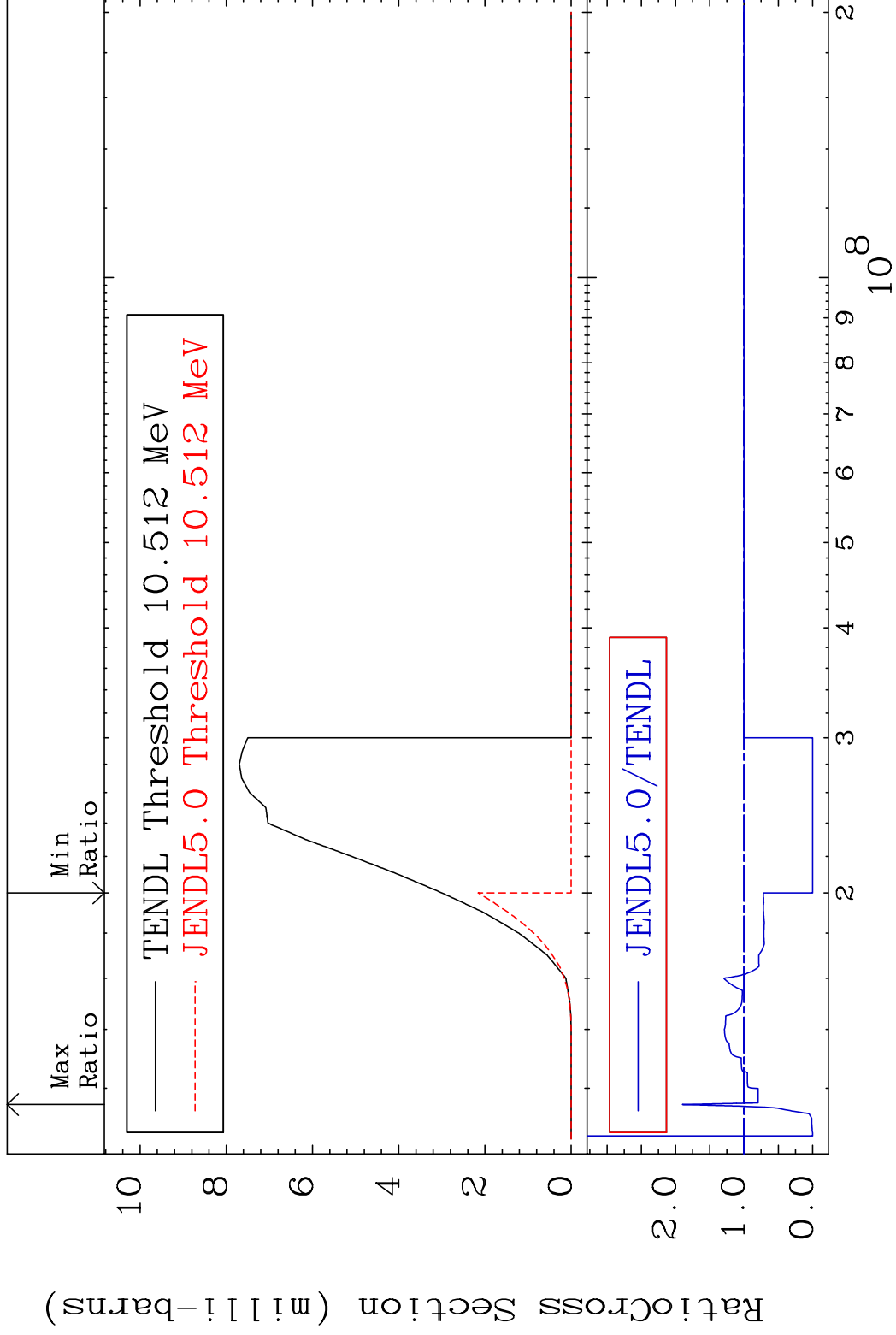
30-Zn-66

MAT 3031

(n, t)

30-Zn-66

Cross Section -100.0 To 90.04 %



45

Incident Energy (eV)

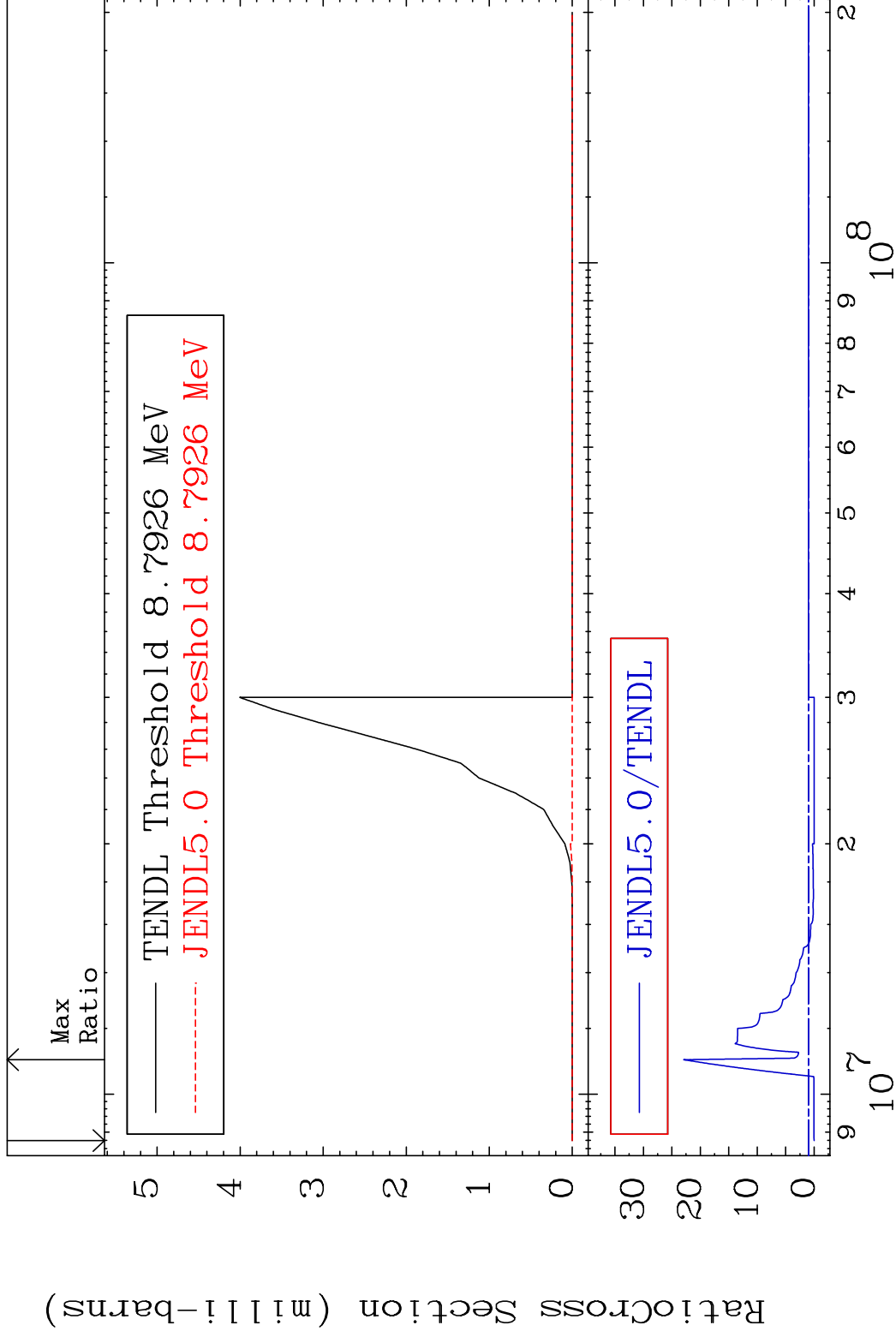
30-Zn-66

MAT 3031

(n, He-3)

30-Zn-66

Cross Section -100.0 To 2192. %



46

Incident Energy (eV)

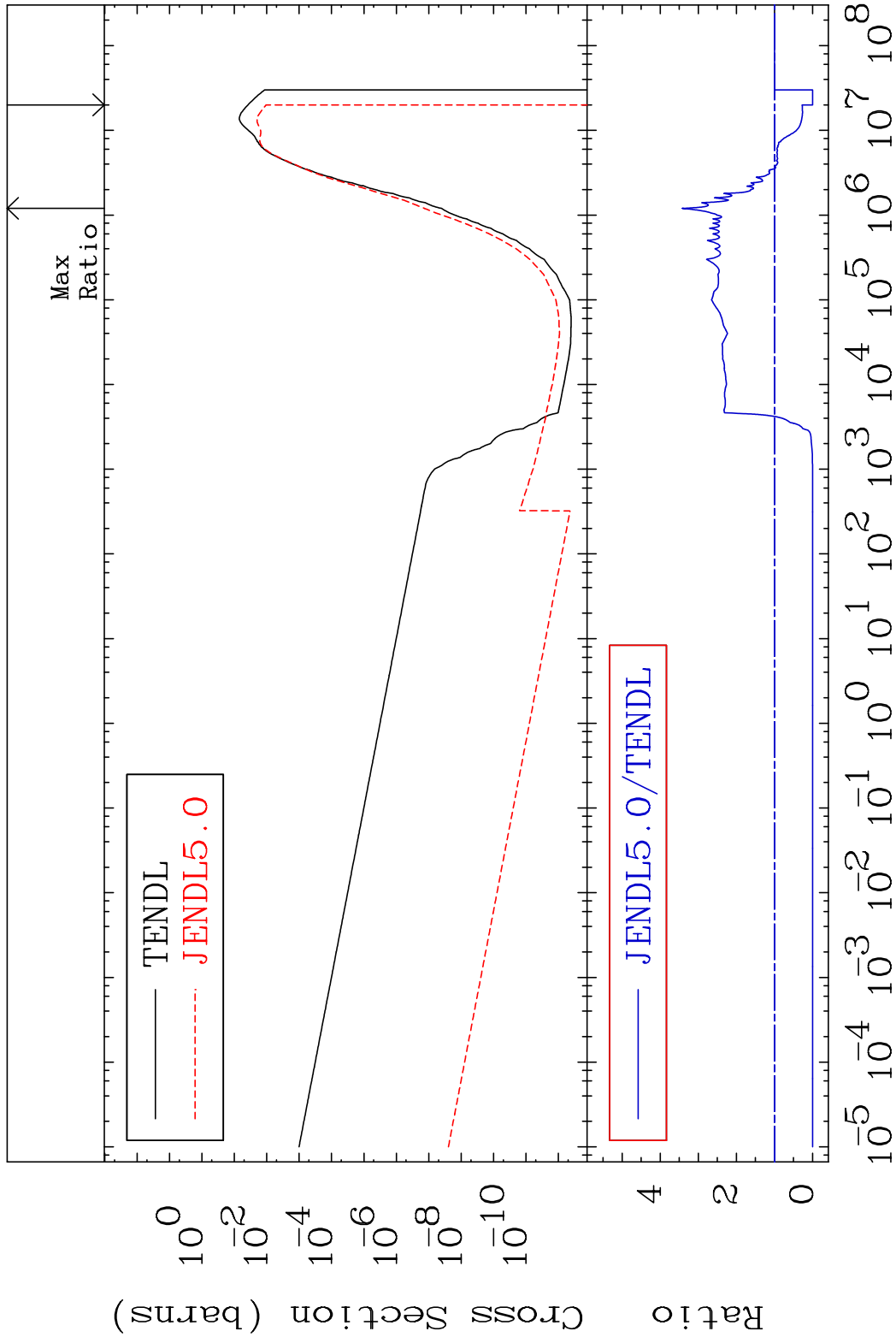
30-Zn-66

MAT 3031

(n,  $\alpha$ )

30-Zn-66

Cross Section -100.0 To 241.9 %



47

Incident Energy (eV)

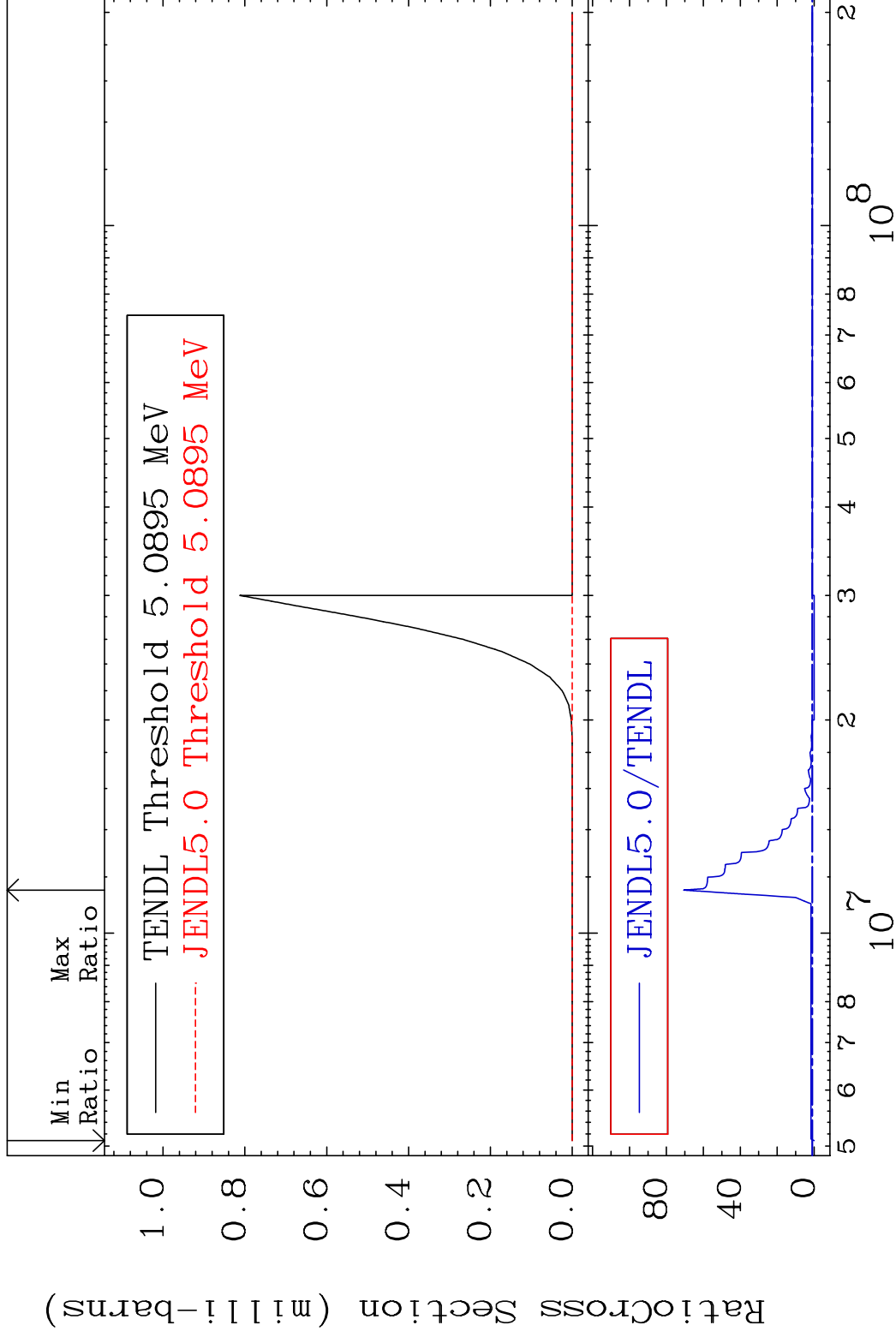
30-Zn-66

MAT 3031

(n,2α)

30-Zn-66

Cross Section -100.0 To 6966. %

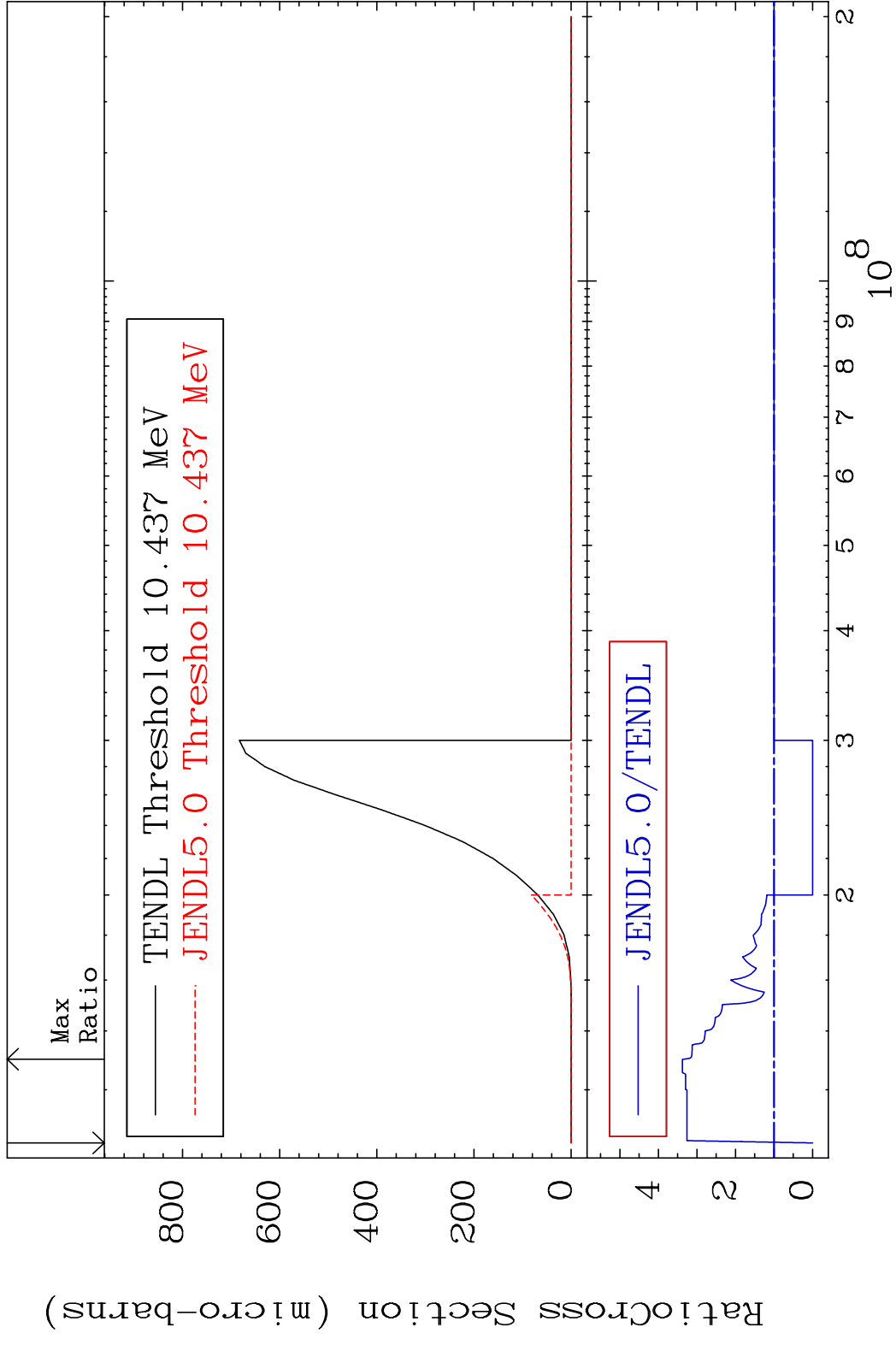


48

Incident Energy (eV)

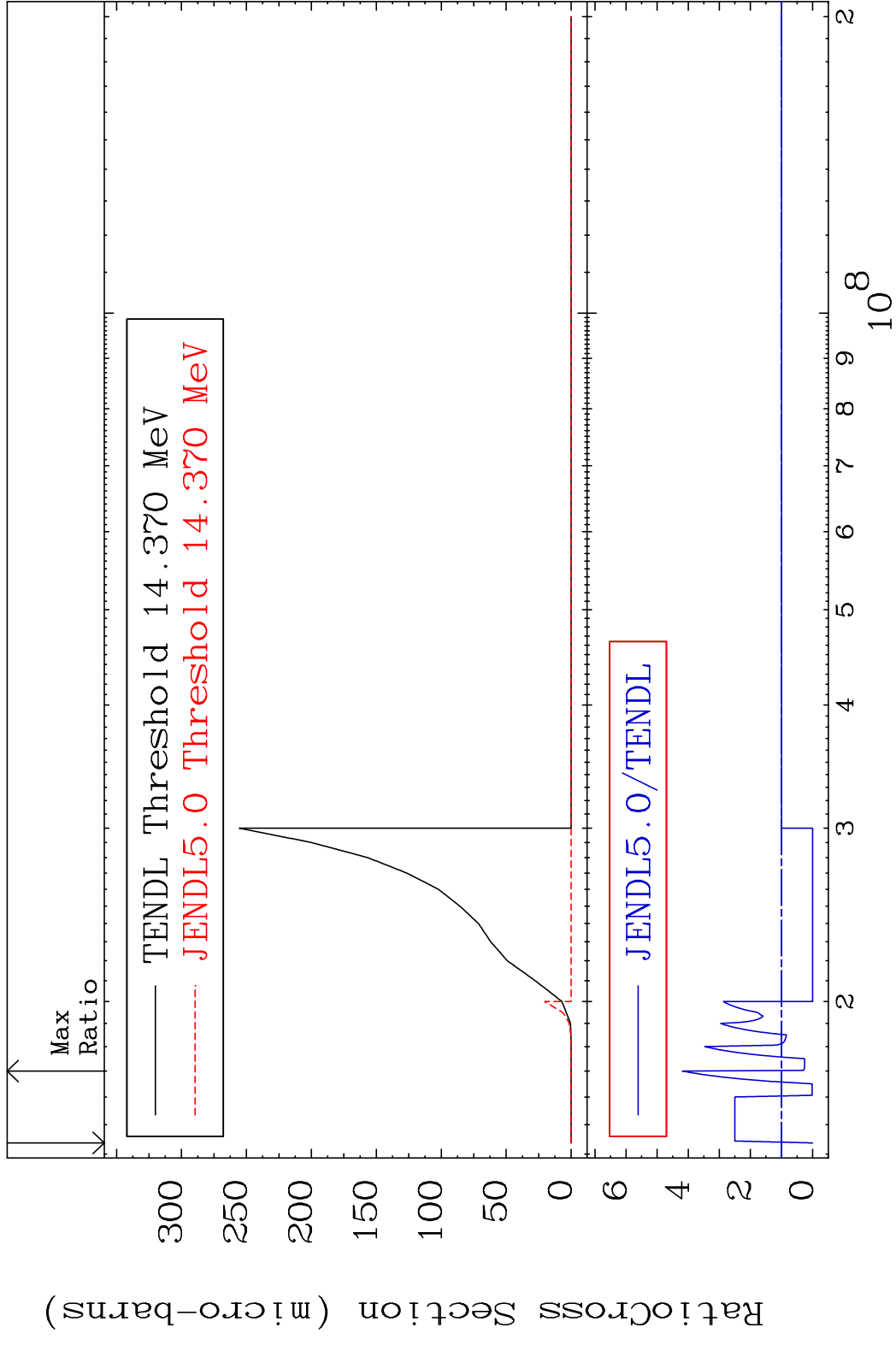
30-Zn-66

MAT 3031 (n,2p) 30-Zn-66  
 Cross Section -100.0 To 237.8 %

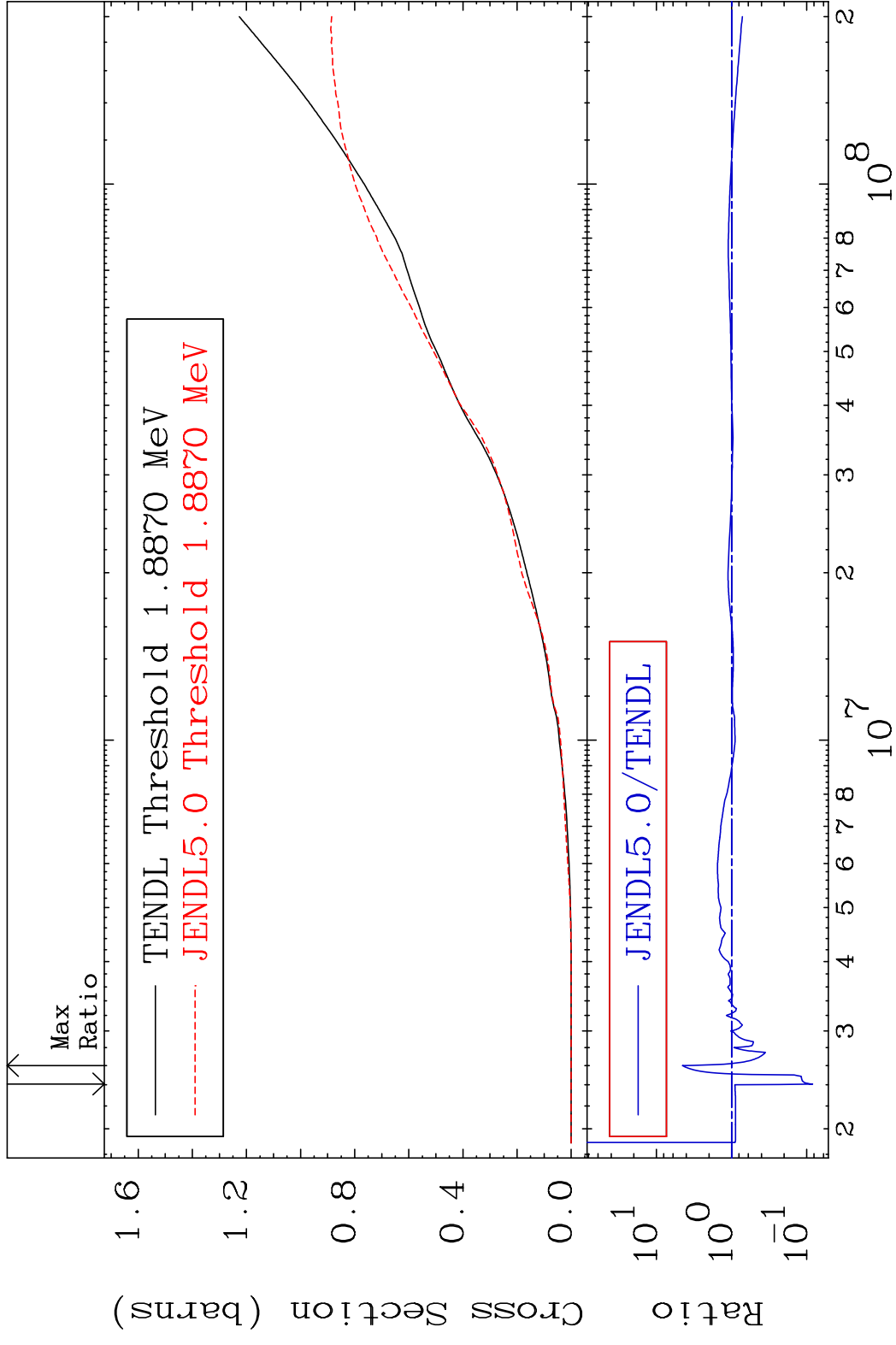




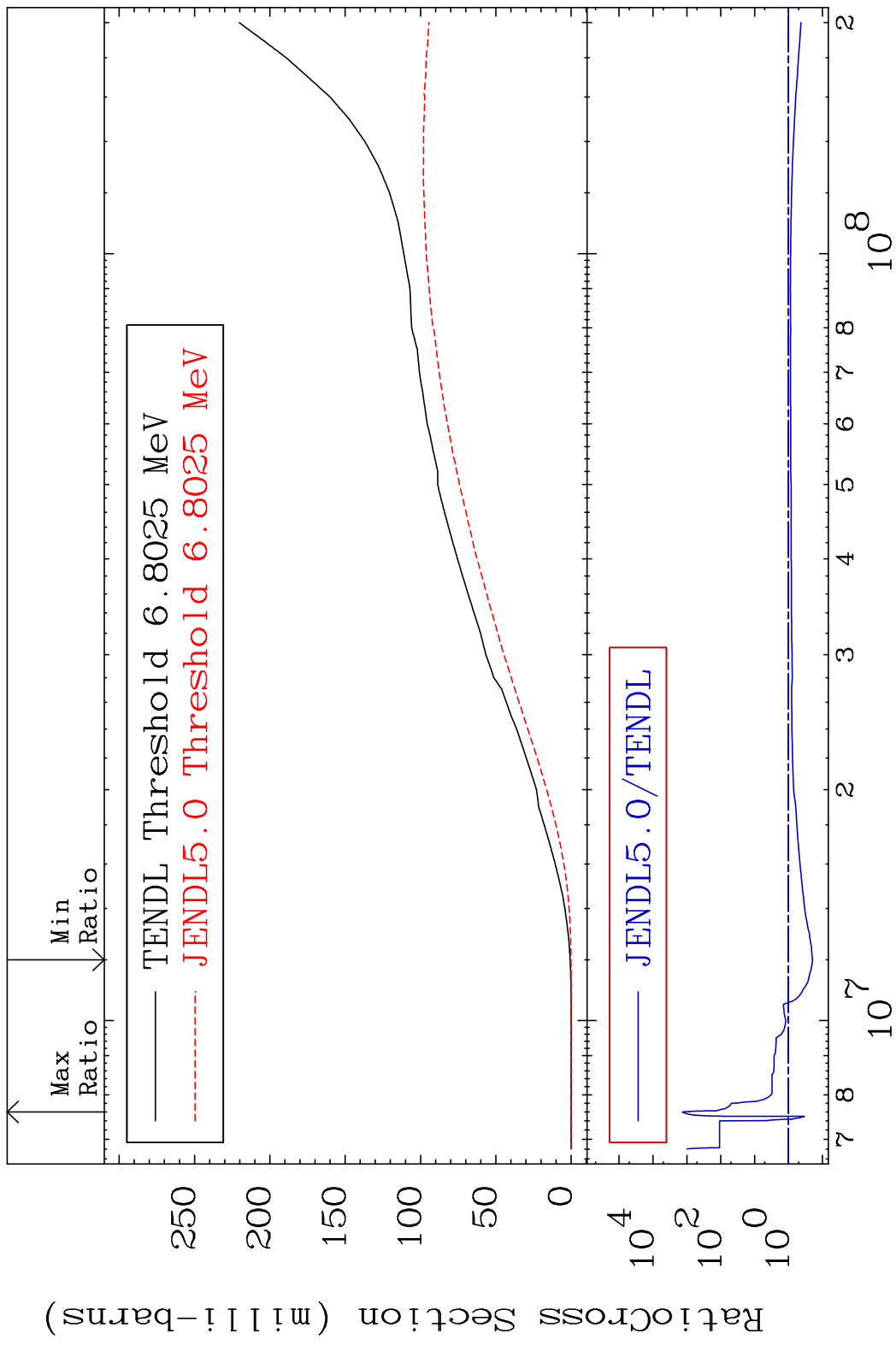
MAT 3031 (n,p) d 30-Zn-66  
 Cross Section -100.0 To 319.0 %



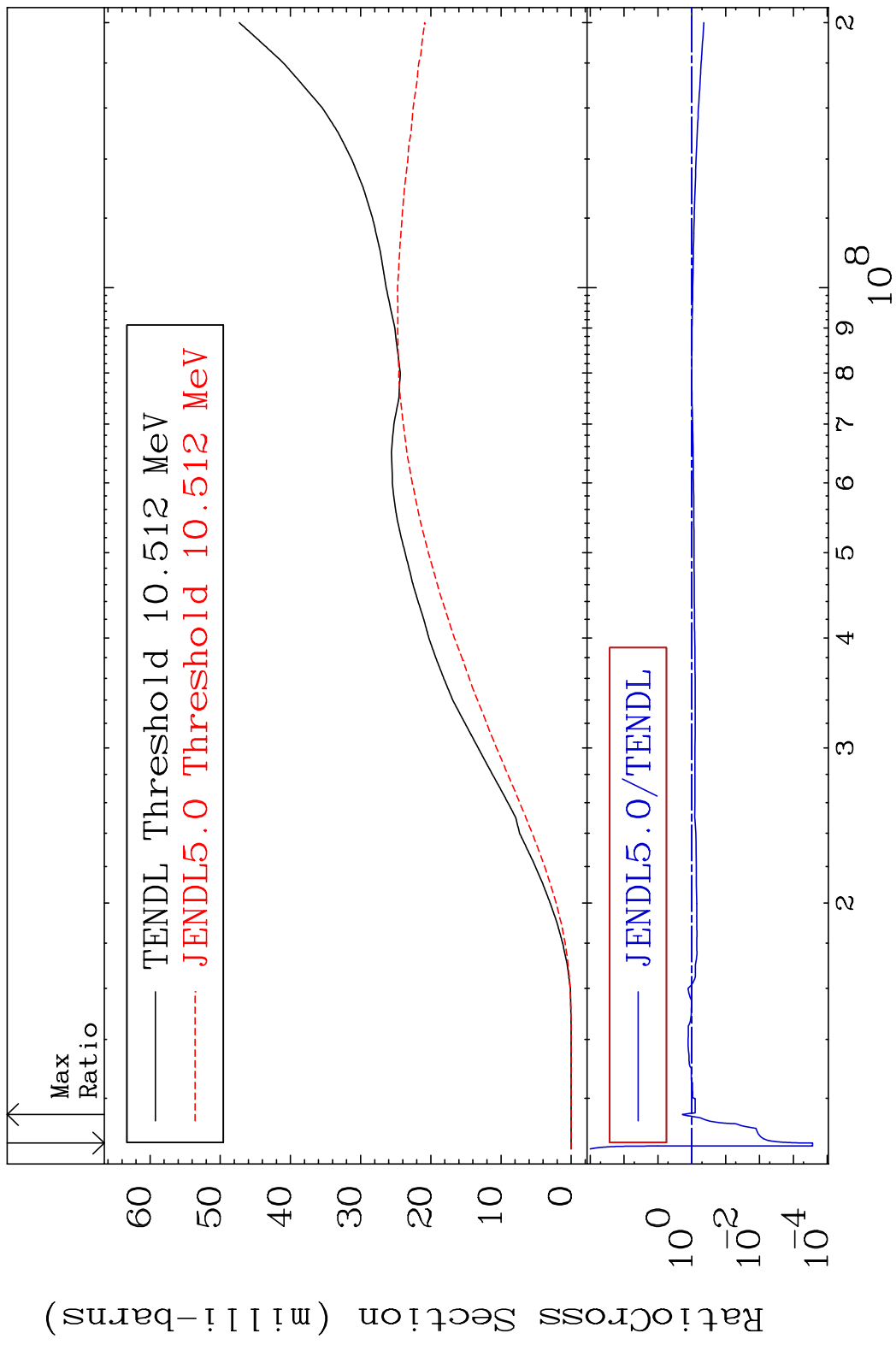
MAT 3031 Hydrogen Production 30-Zn-66  
 Cross Section -91.62 To 352.0 %



MAT 3031 Deuterium Production 30-Zn-66  
 Cross Section -80.51 To 9999. %

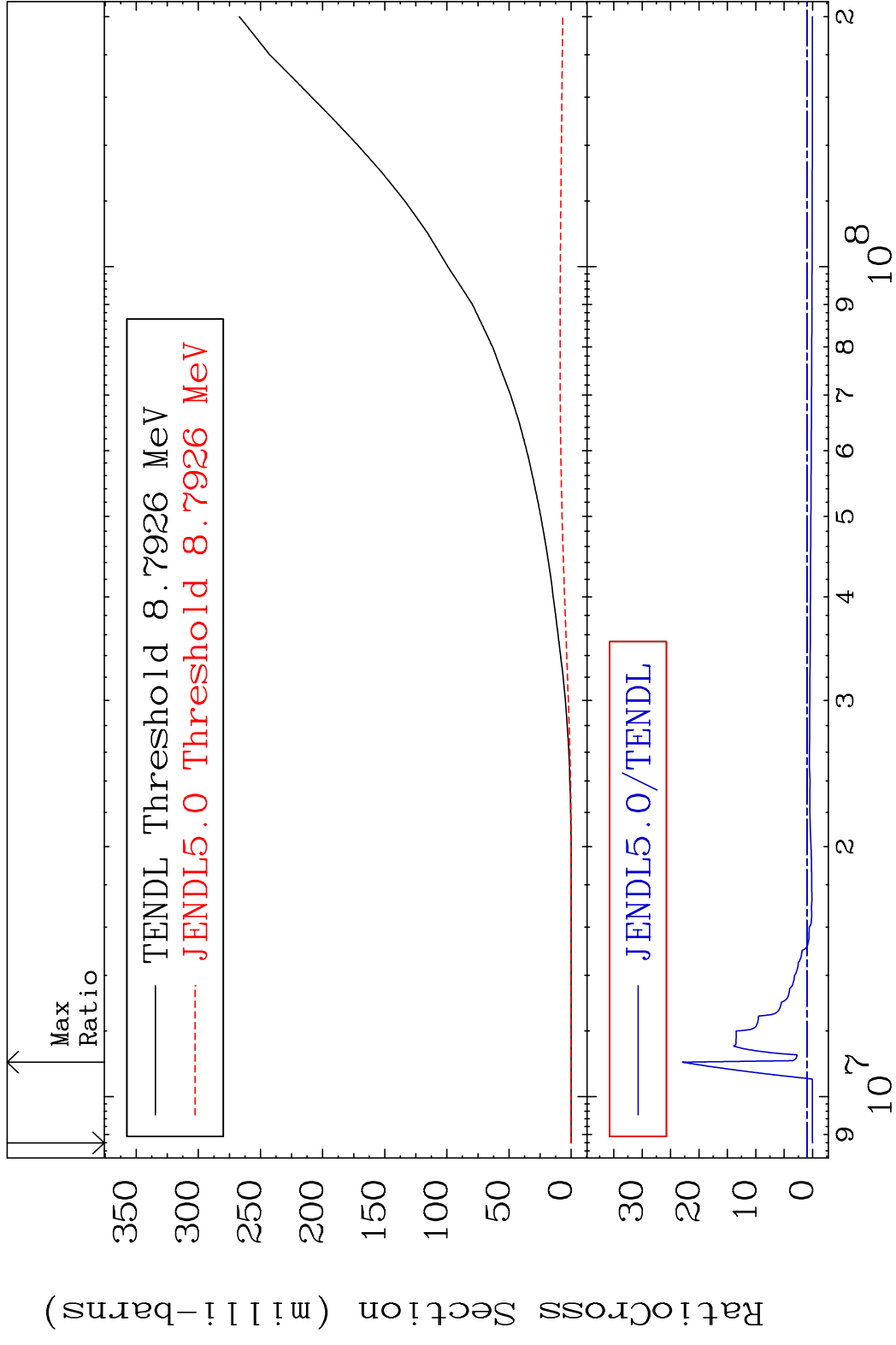


MAT 3031 Tritium Production 30-Zn-66  
 Cross Section -99.97 To 90.04 %



54 Incident Energy (eV) 30-Zn-66

MAT 3031 He-3 Production 30-Zn-66  
 Cross Section -100.0 To 2192. %



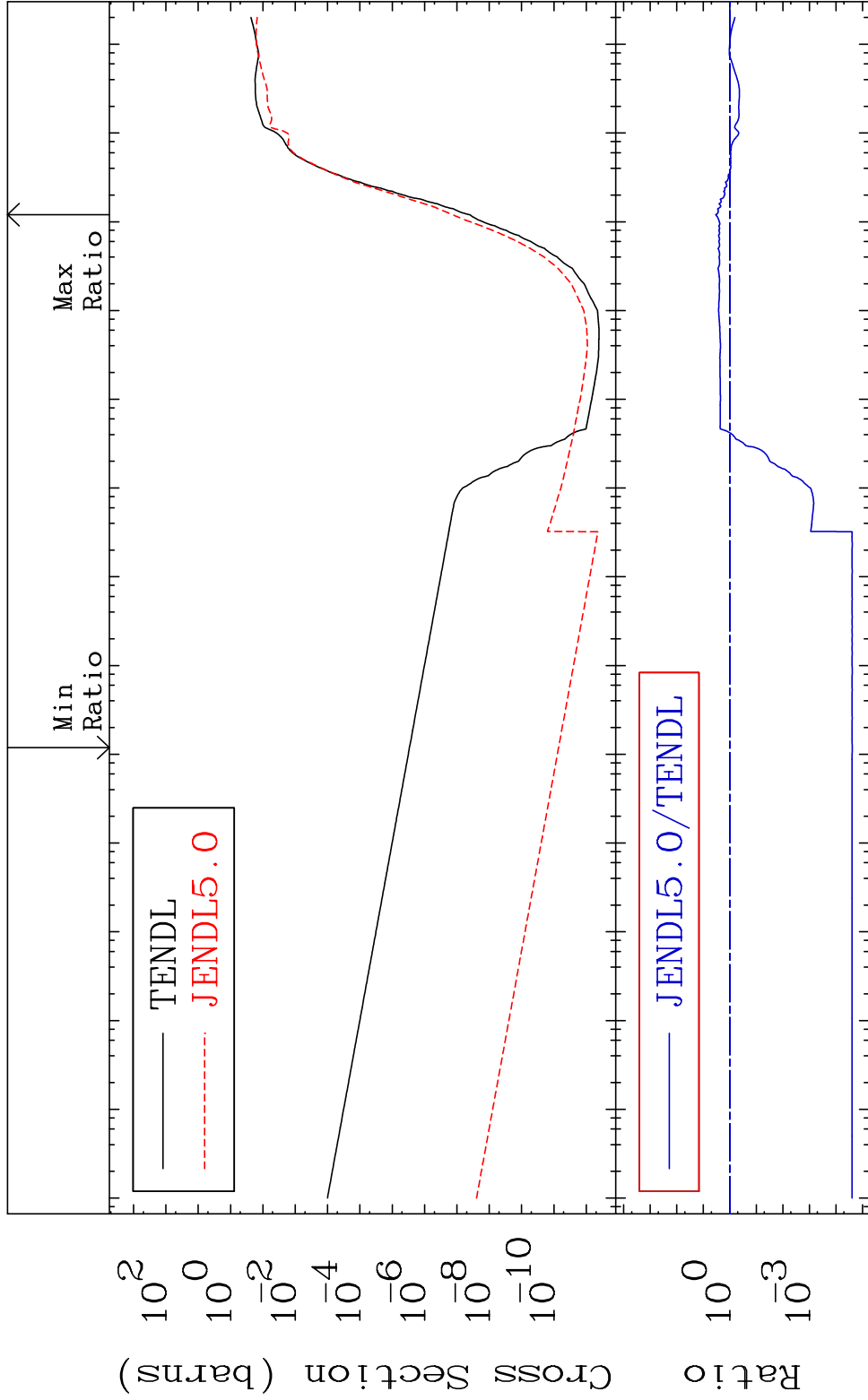
55 Incident Energy (eV) 30-Zn-66

MAT 3031

He-4 Production

30-Zn-66

Cross Section -100.0 To 241.9 %

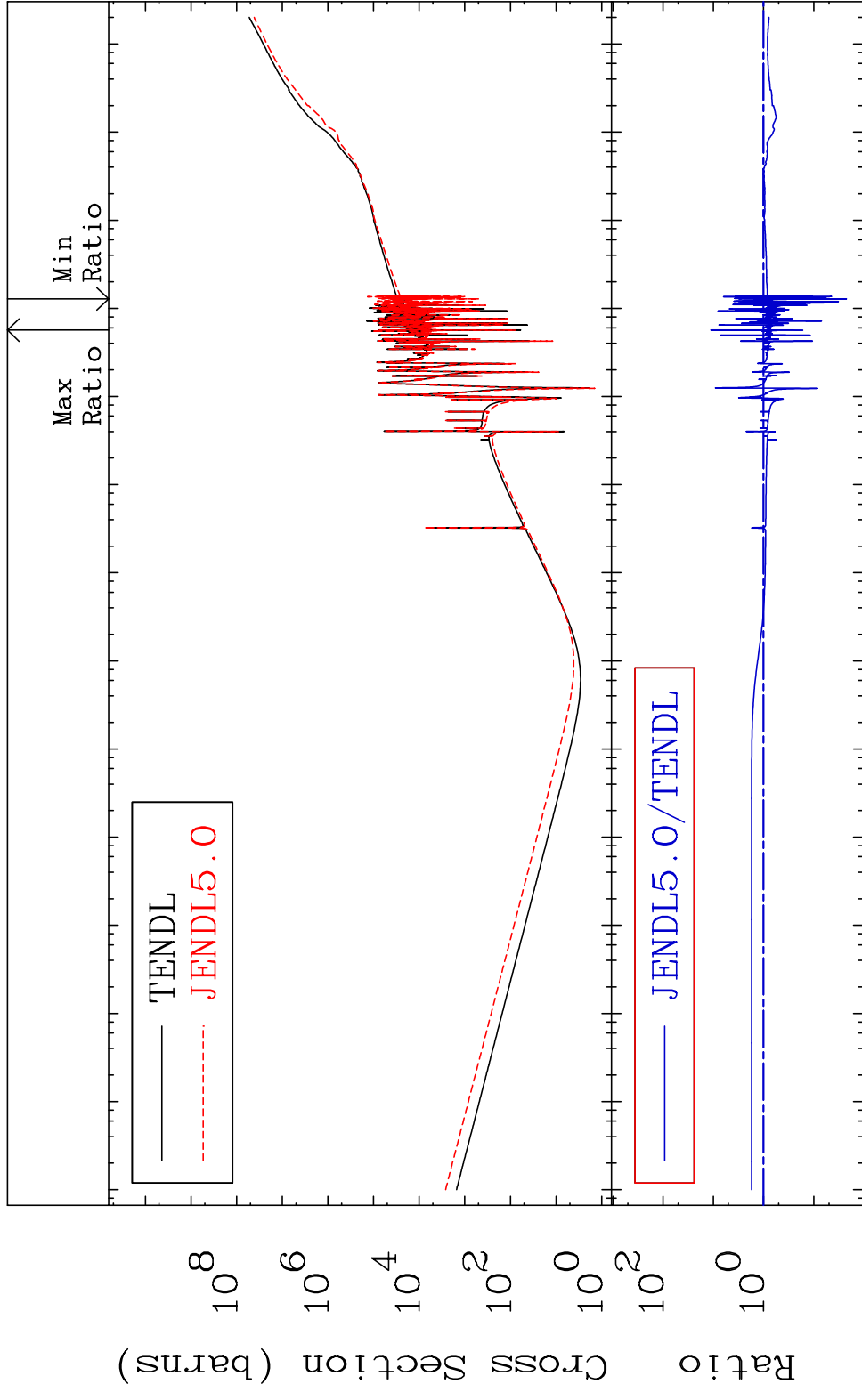


56

Incident Energy (eV)

30-Zn-66

MAT 3031 Kerma total (eV-barns) 30-Zn-66  
 Cross Section -97.75 To 1026. %



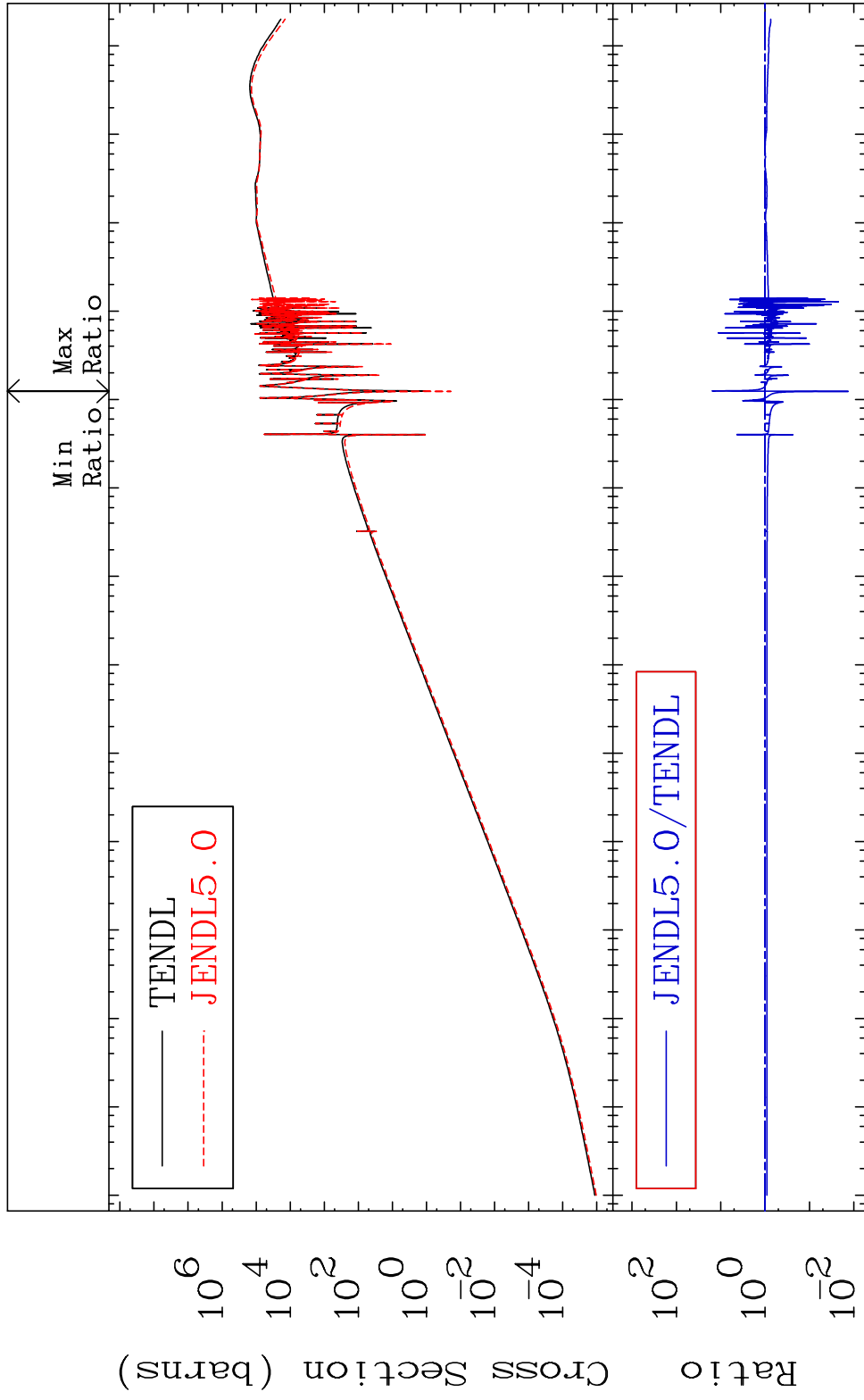
57 Incident Energy (eV) 30-Zn-66

MAT 3031

Kerma elastic  
Cross Section

-98.67 To 1444. %

30-Zn-66

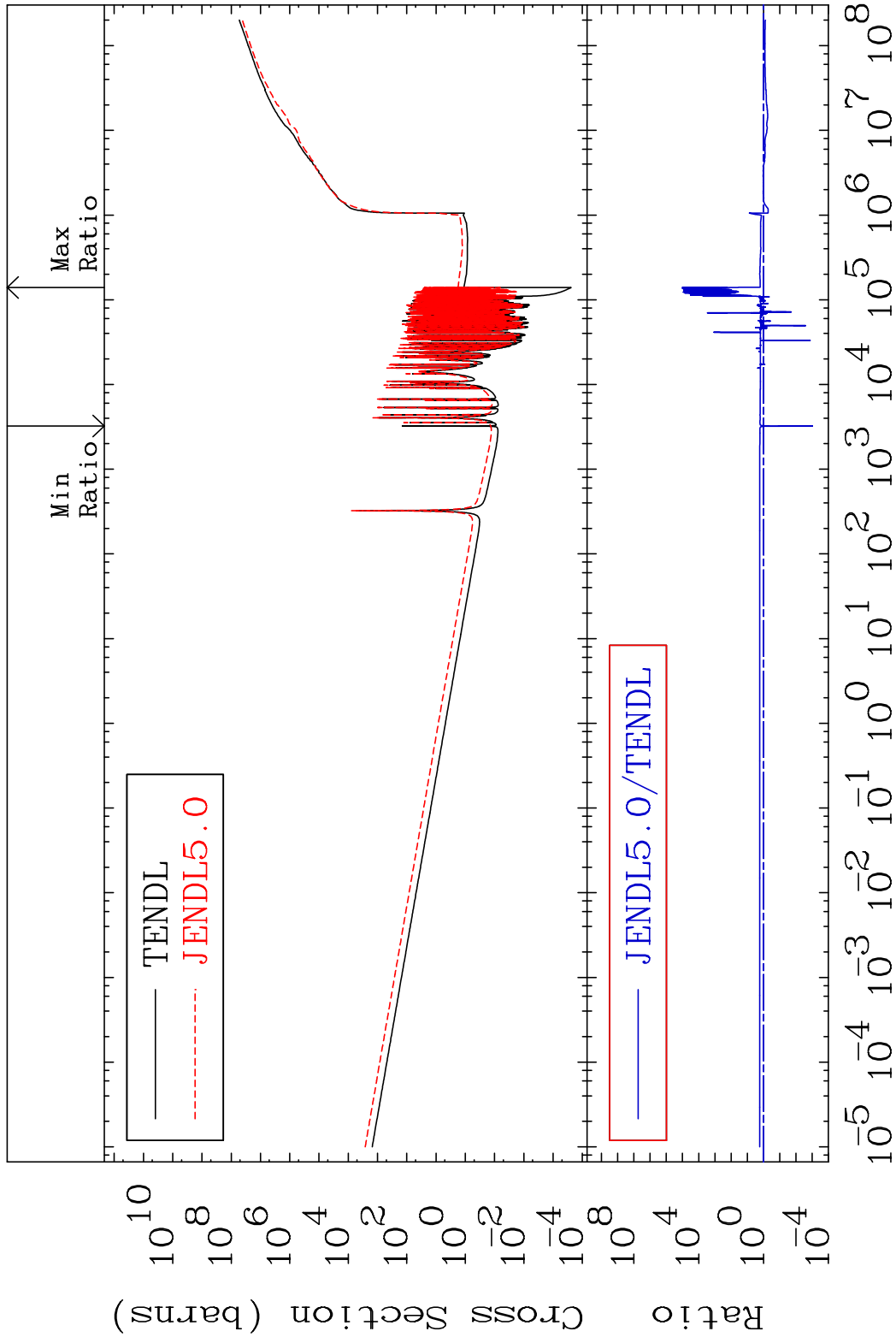


58

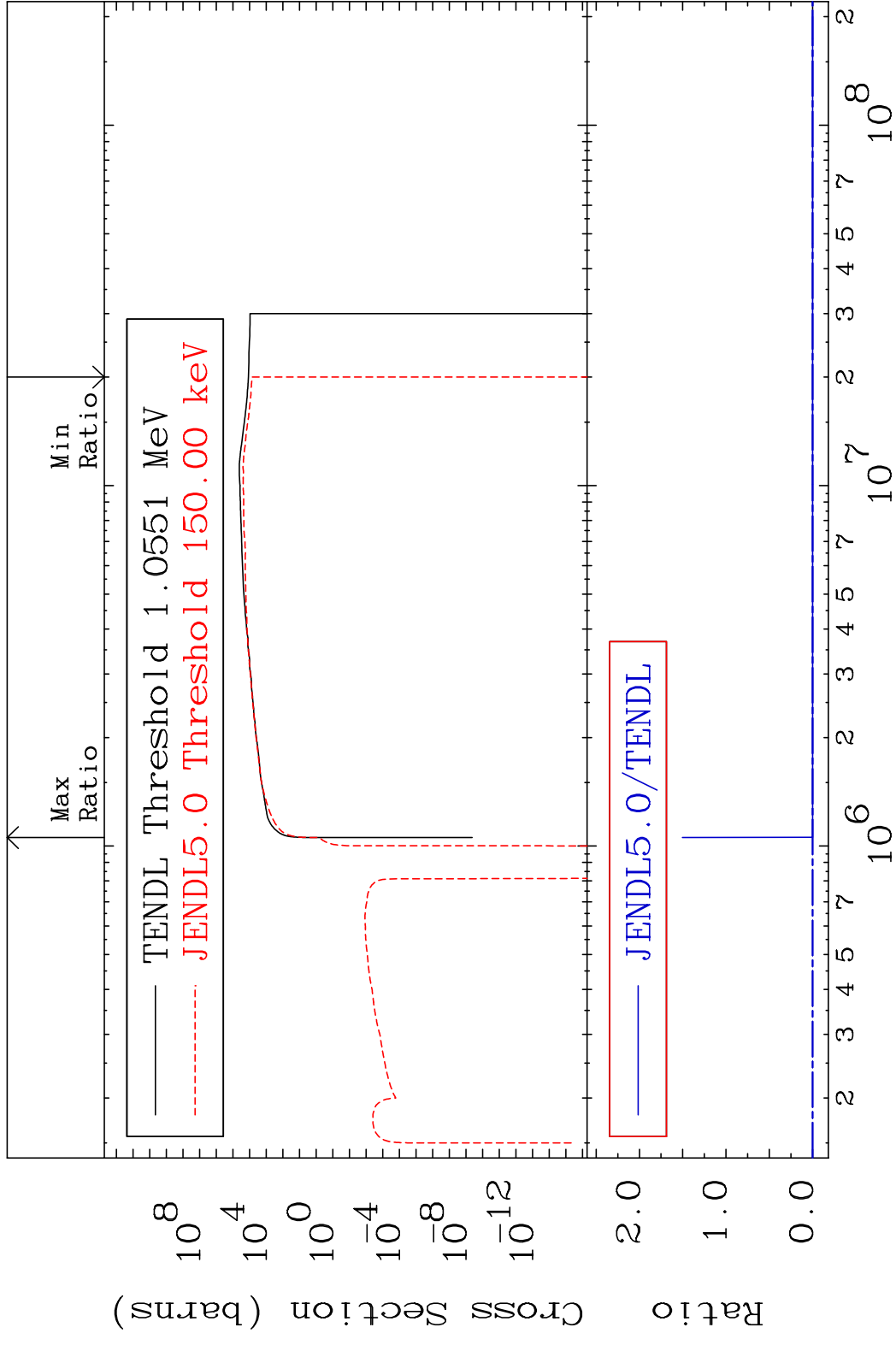
Incident Energy (eV)

30-Zn-66

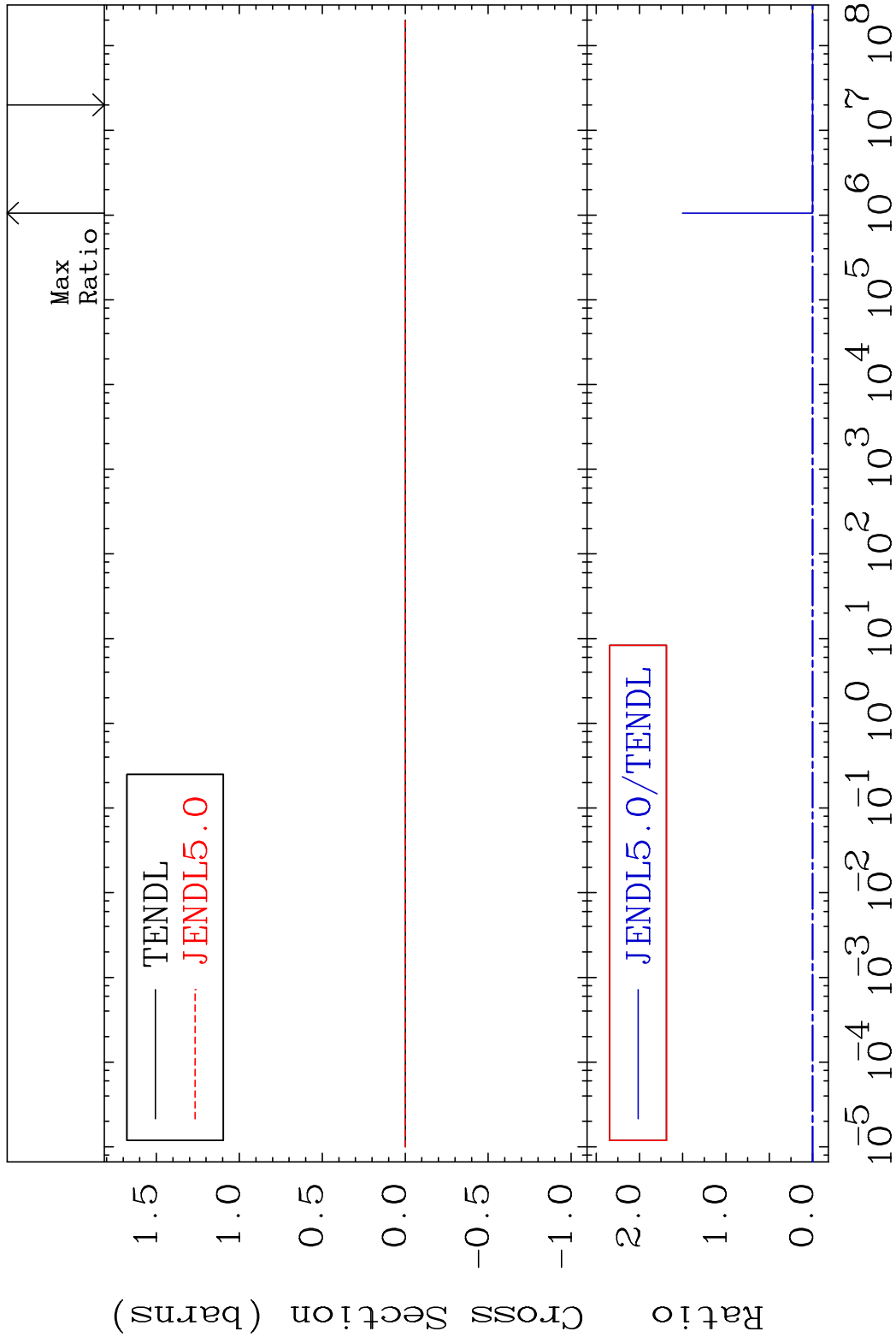
MAT 3031 Kerma non-elastic (all but mt2) 30-Zn-66  
 Cross Section -99.91 To 9999. %



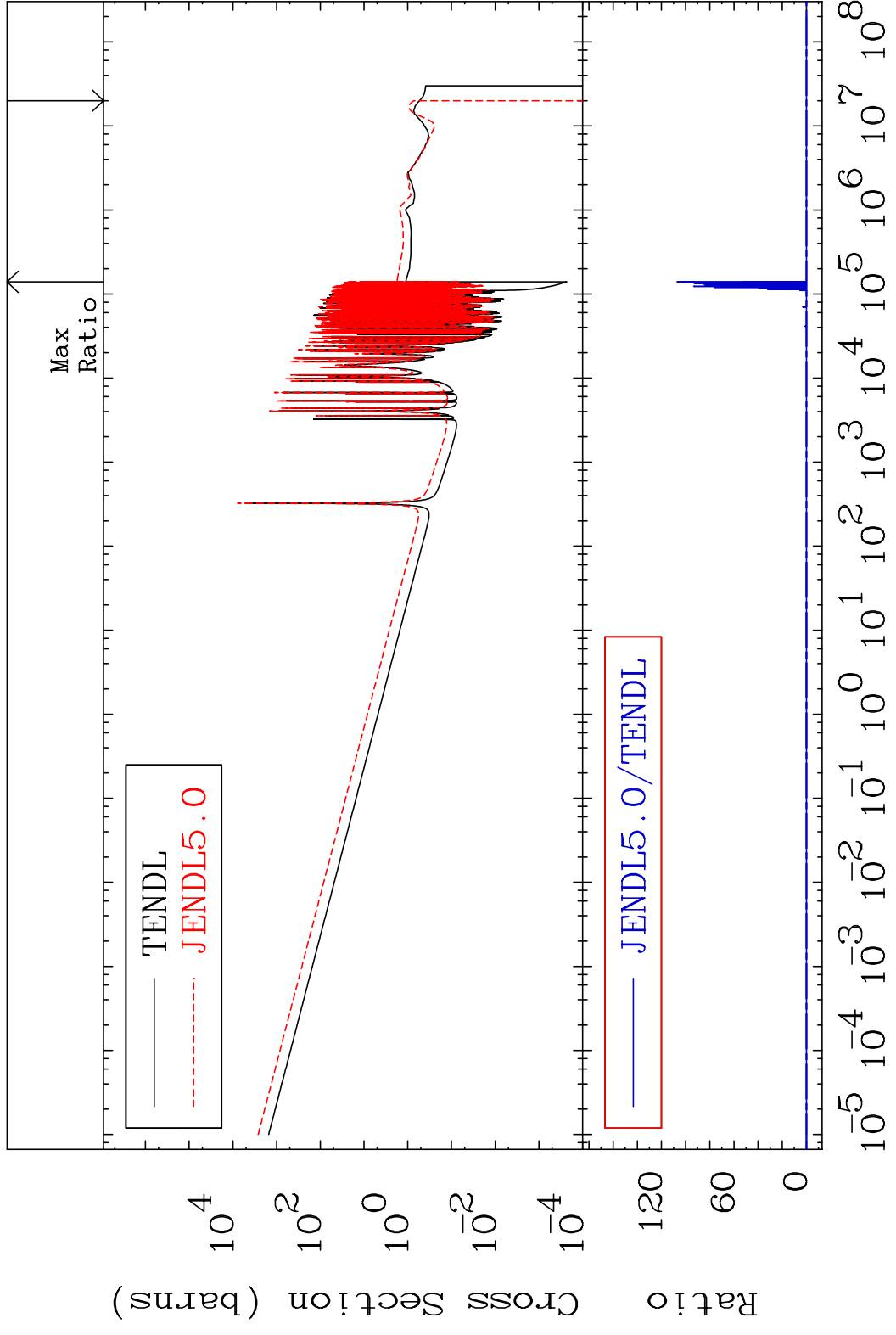
MAT 3031 Kerma inelastic (mt51-91) 30-Zn-66  
 Cross Section -100.0 To 9999. %



MAT 3031 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-66  
 Cross Section -100.0 To 9999. %

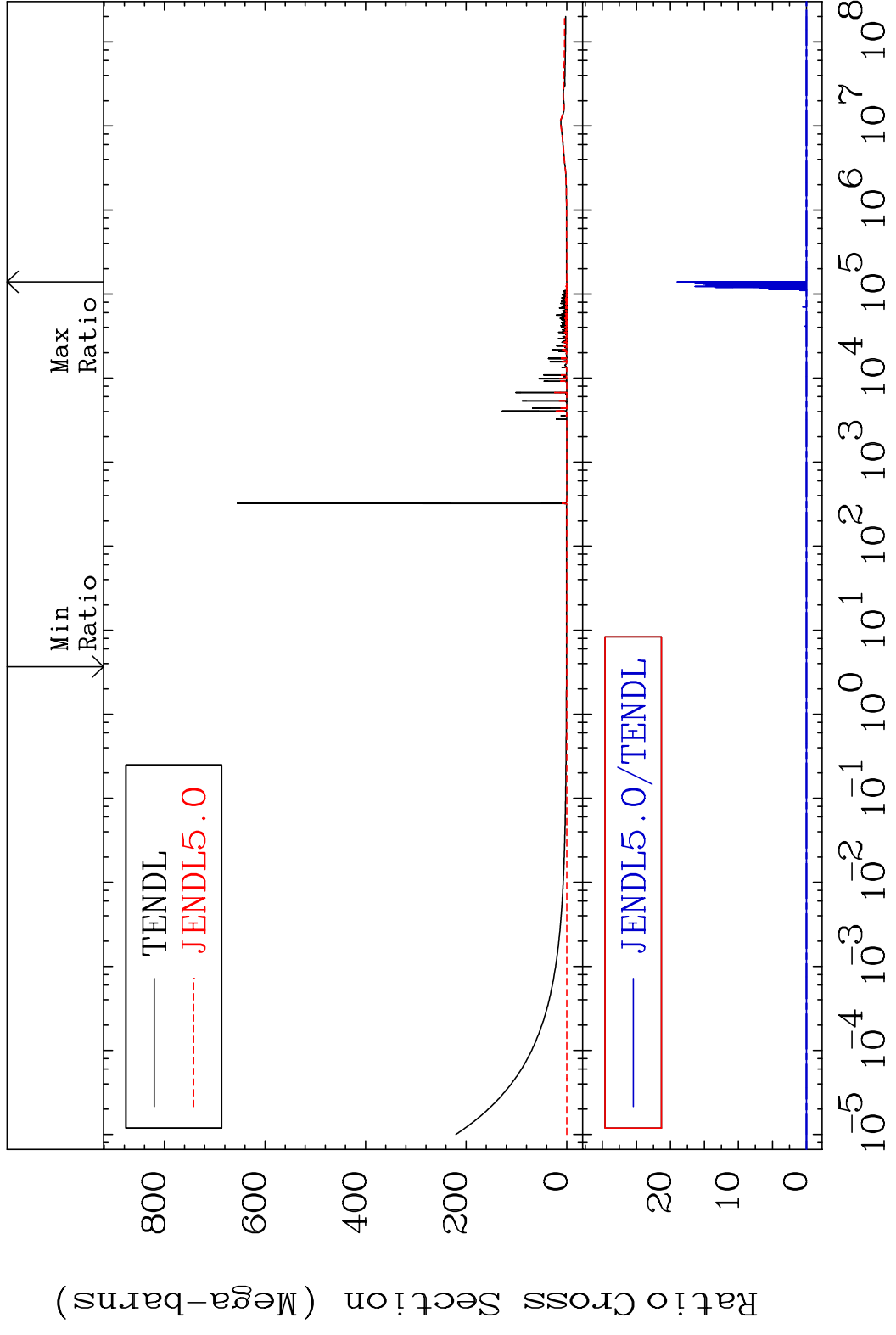


MAT 3031 Kerma capture (mt102) 30-Zn-66  
 Cross Section -100.0 To 9999. %

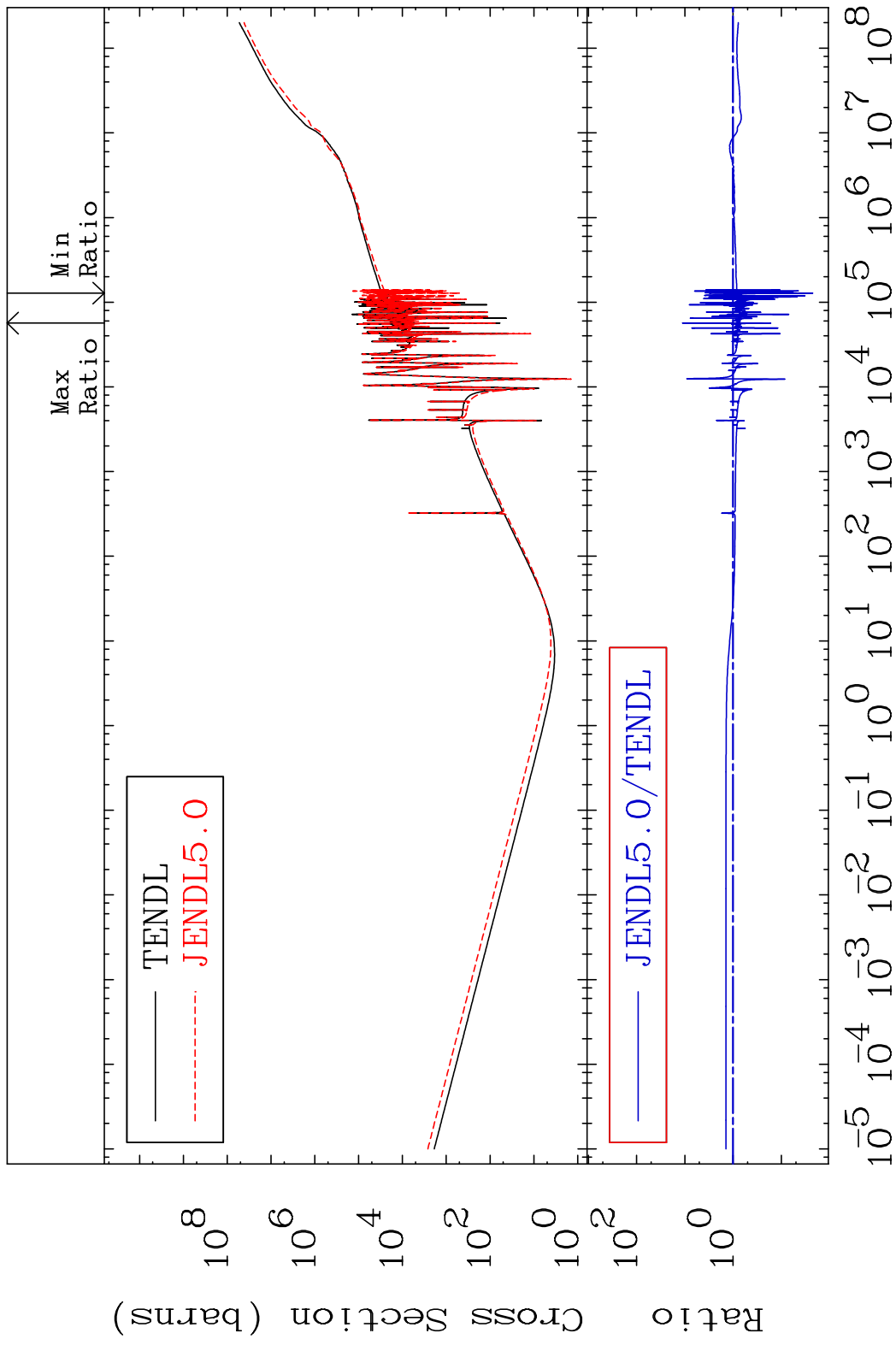


62 Incident Energy (eV) 30-Zn-66

MAT 3031 Total photon (eV-barns) 30-Zn-66  
 Cross Section -100.1 To 9999. %

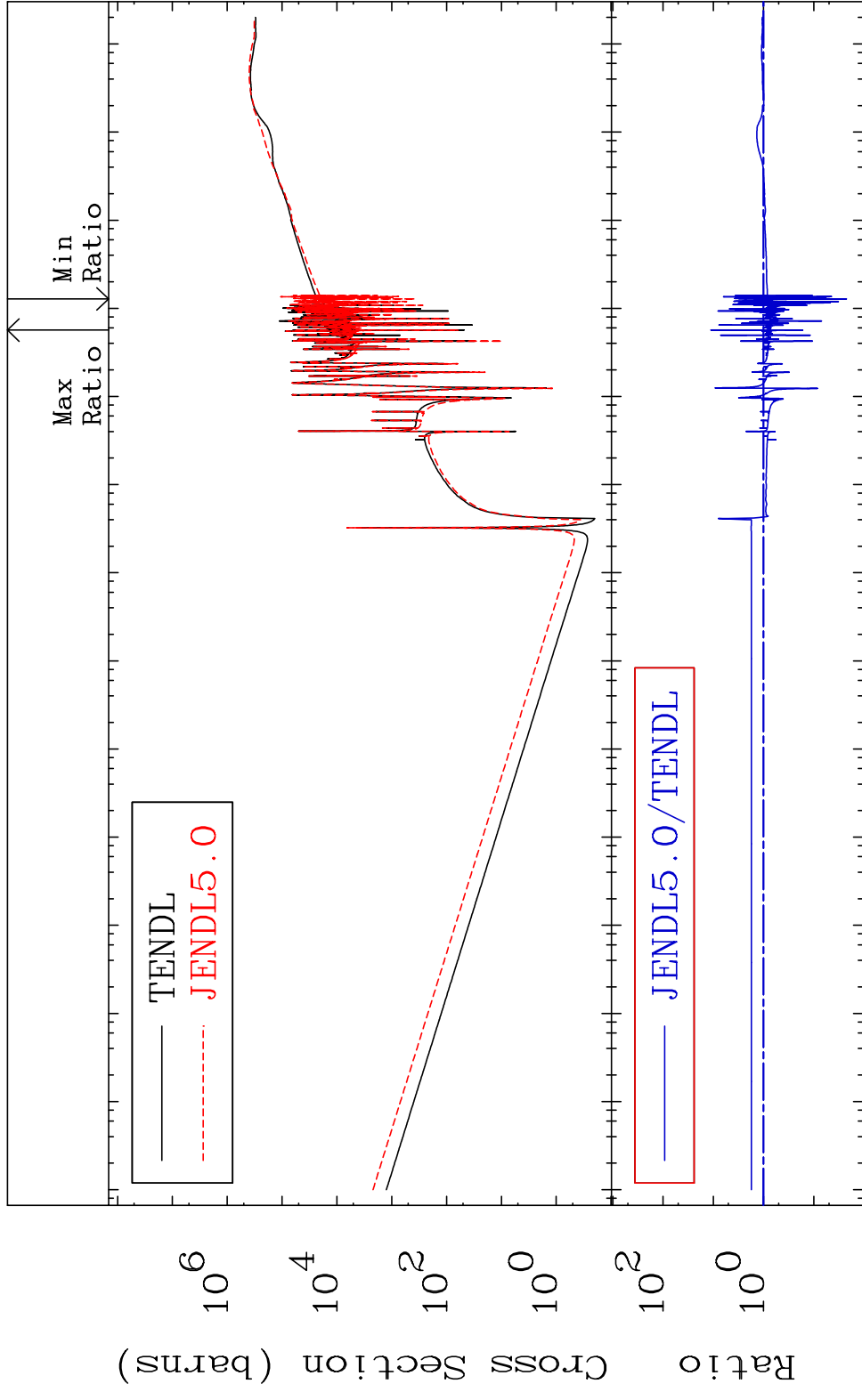


MAT 3031 Total kinematic kerma (high limit) 30-Zn-66  
 Cross Section -97.75 To 1026. %



64 Incident Energy (eV) 30-Zn-66

MAT 3031      Dpa total (eV-barns)      30-Zn-66  
 Cross Section      -97.75 To 1026. %



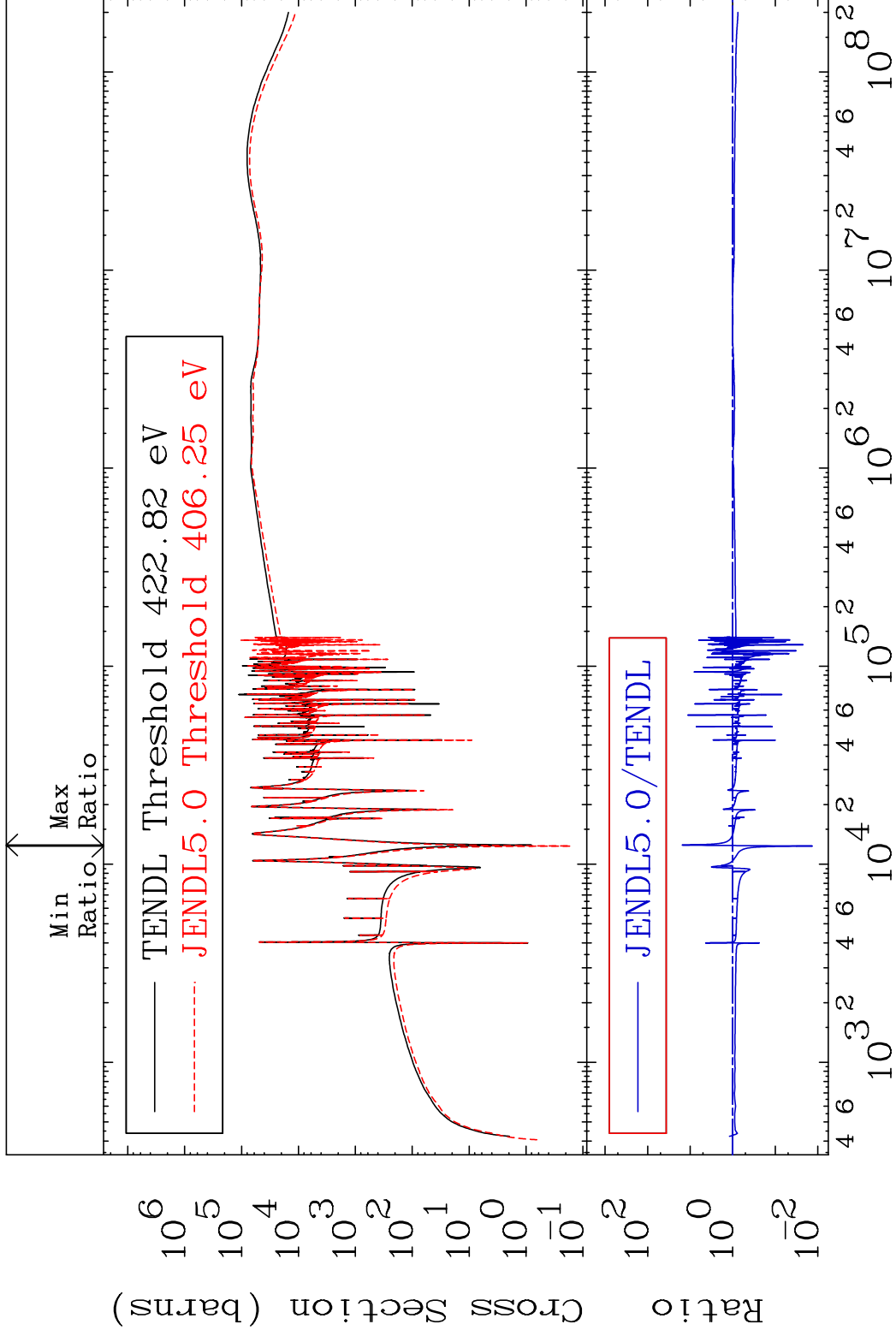
65      Incident Energy (eV)      30-Zn-66

MAT 3031

Dpa elastic (mt2)

30-Zn-66

Cross Section -98.67 To 1444. %

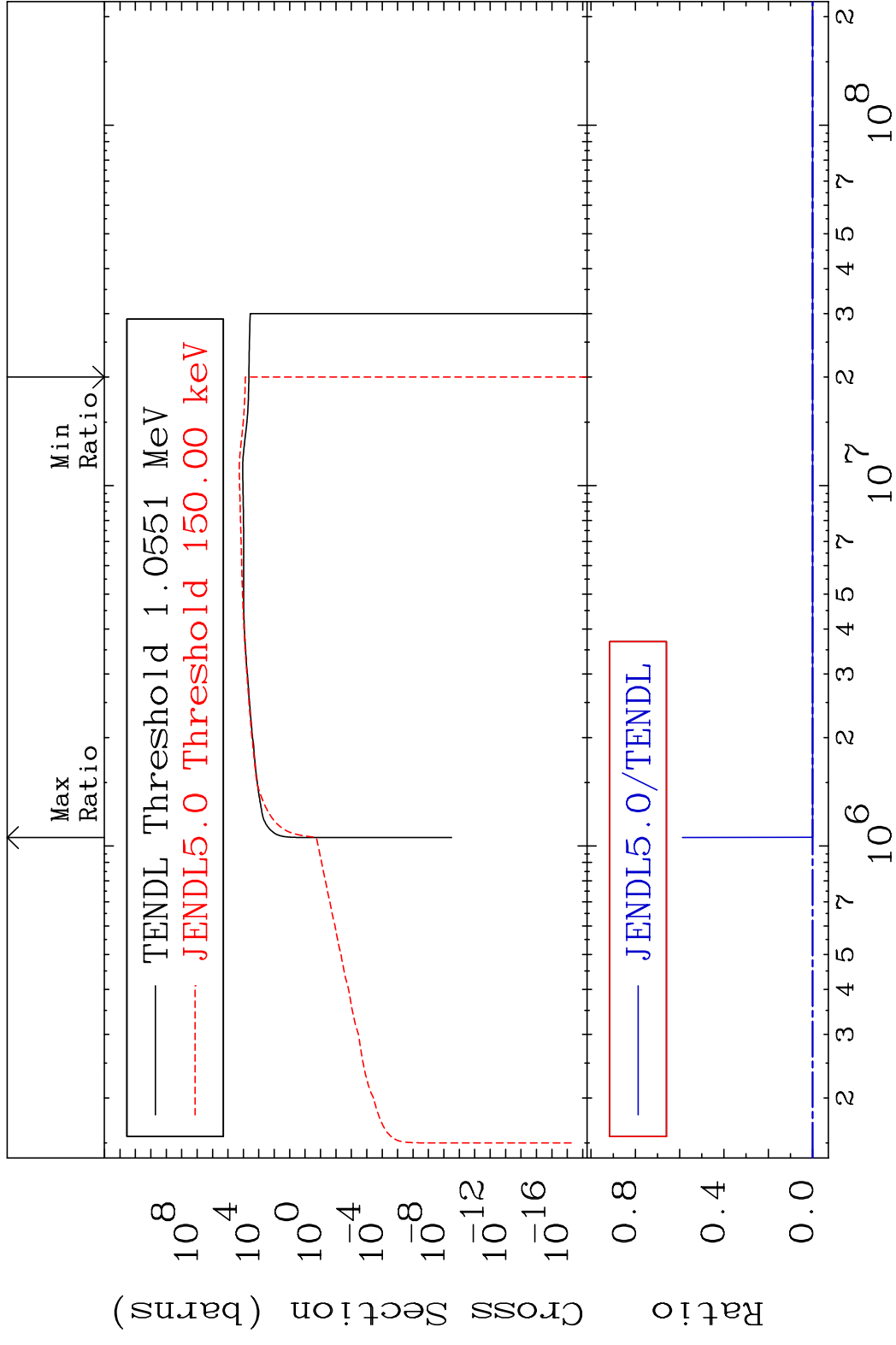


66

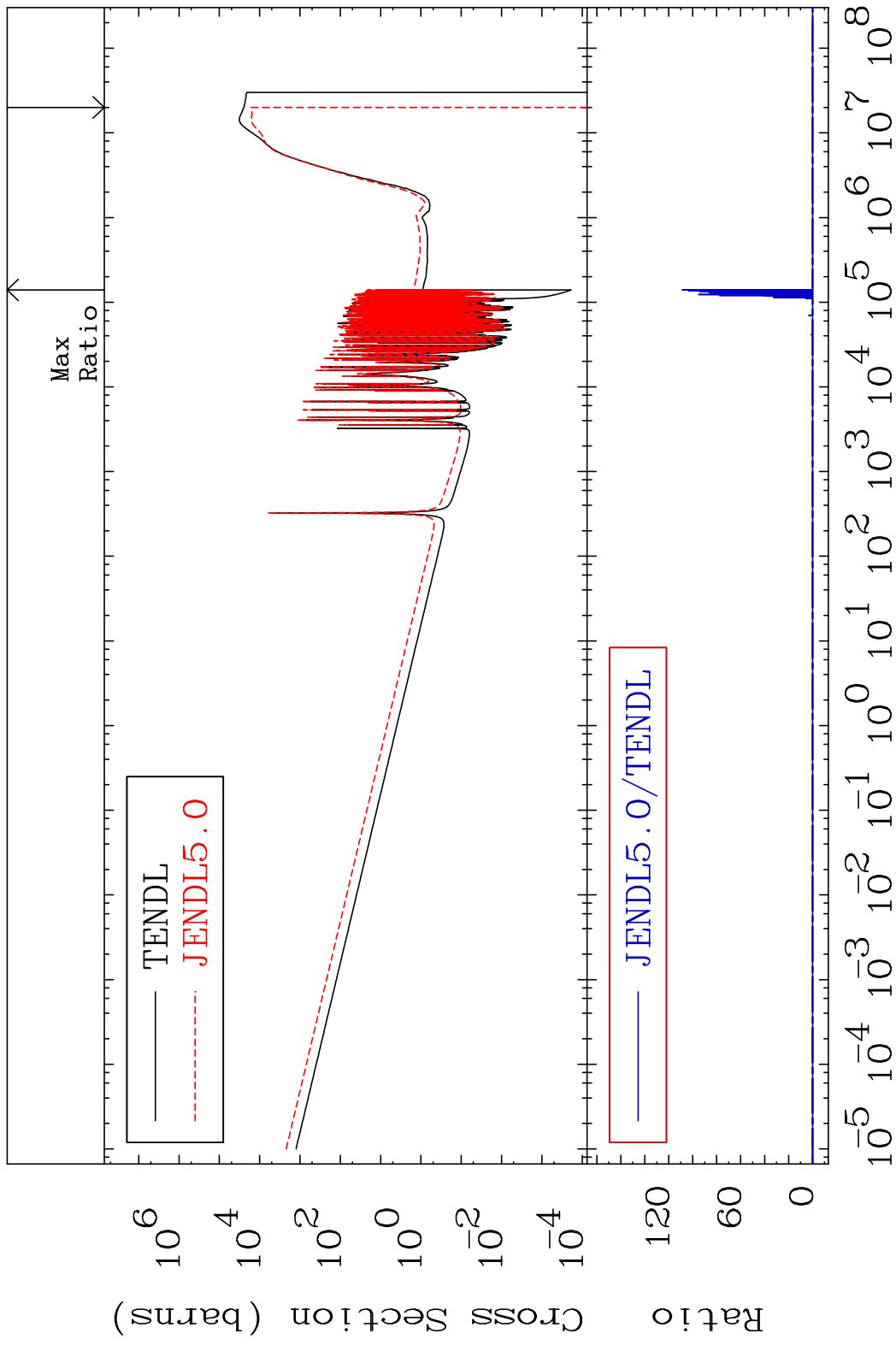
Incident Energy (eV)

30-Zn-66

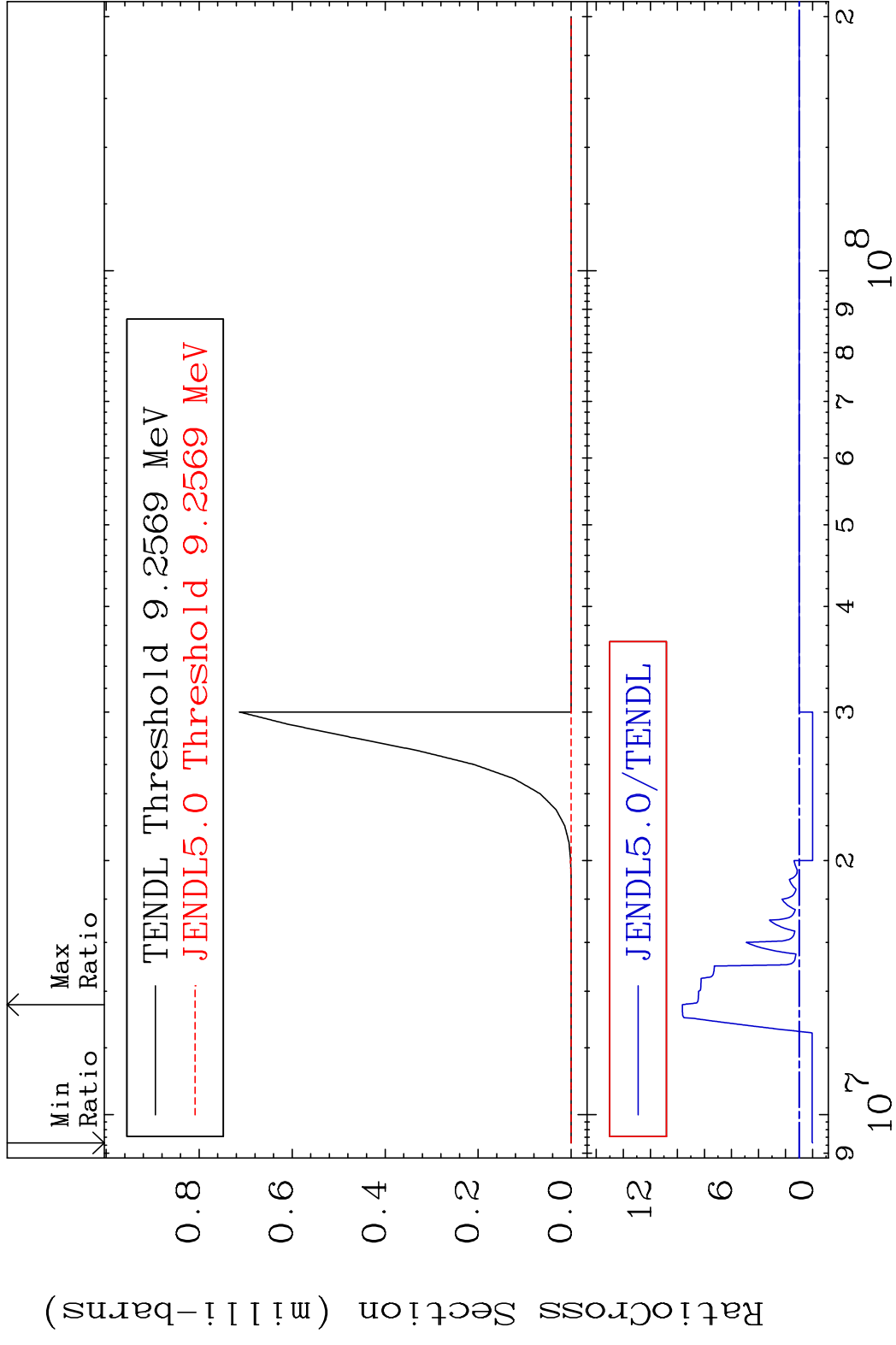
MAT 3031 Dpa inelastic (mt51-91) 30-Zn-66  
 Cross Section -100.0 To 9999. %



MAT 3031 Dpa disappearance (mt102 -120) 30-Zn-66  
 Cross Section -100.0 To 9999. %

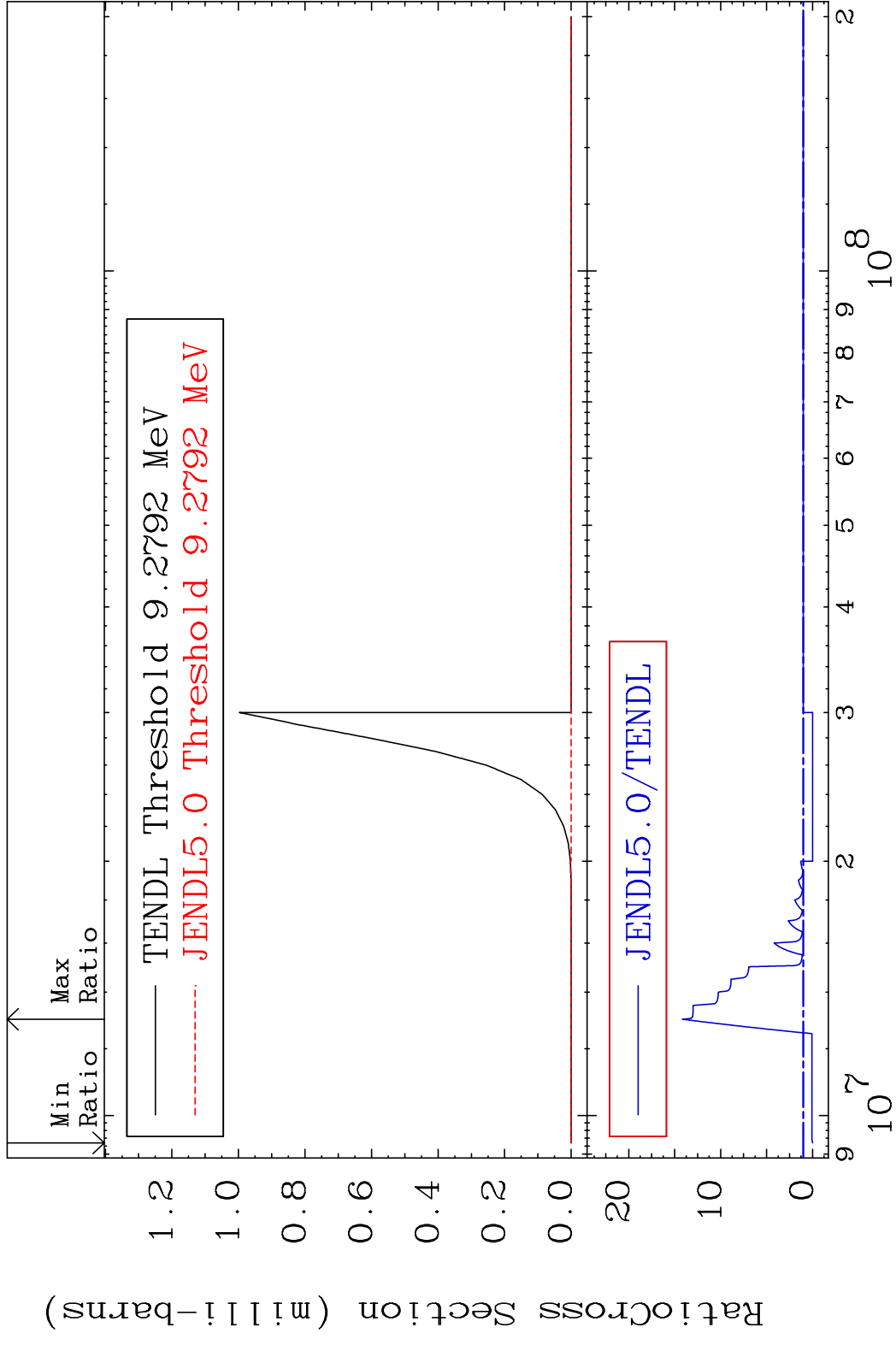


MAT 3031 (n, p)  $\alpha$ :27-Co-62g 30-Zn-66  
 Radionuclide Production Cross Section 180.0 dth 863.2 %



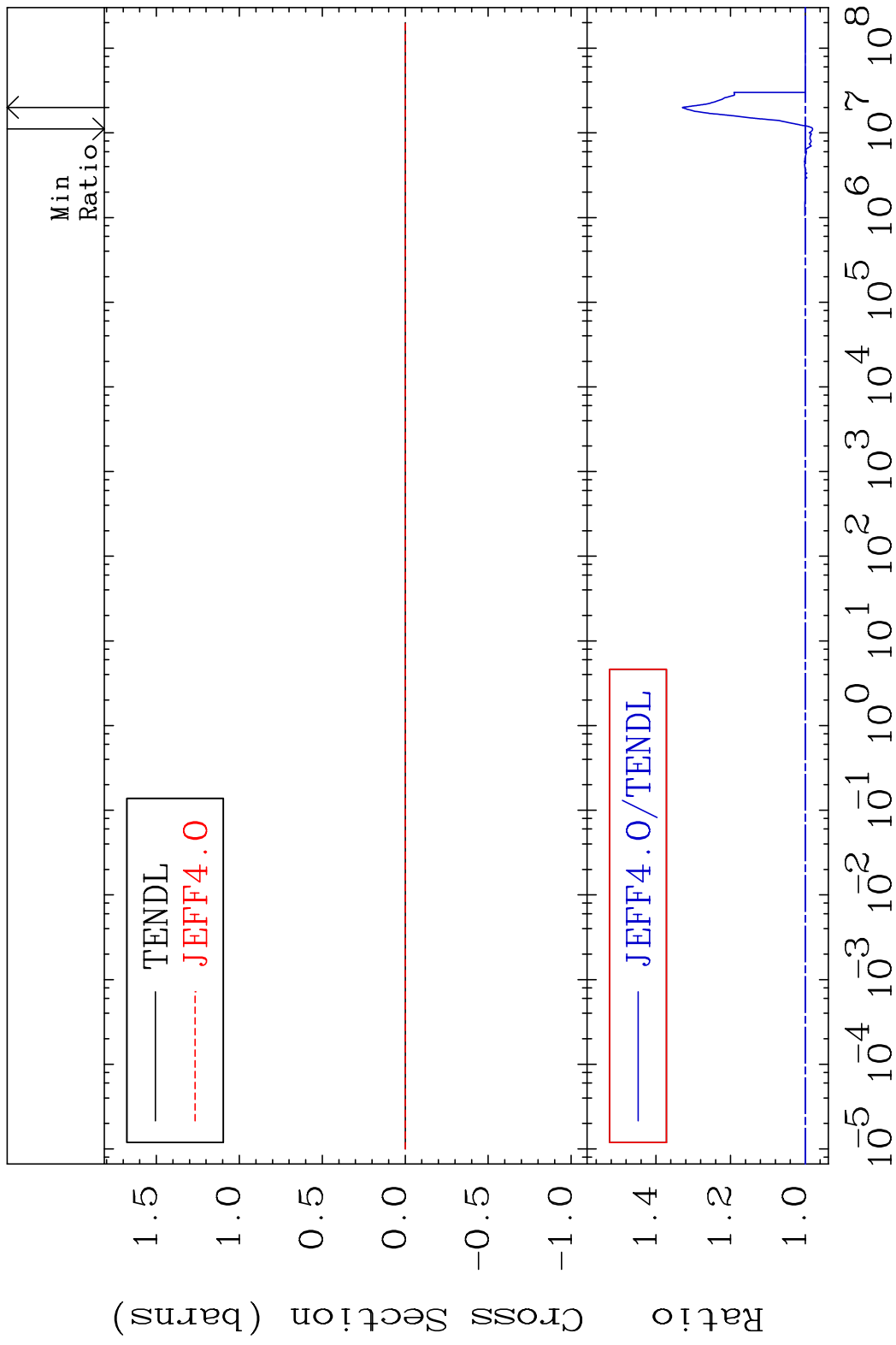
69 Incident Energy (eV) 30-Zn-66

MAT 3031 (n,p)  $\alpha$ :27-Co-62m1 30-Zn-66  
 Radionuclide Production Cross Section 1316. %



70 Incident Energy (eV) 30-Zn-66

MAT 3031 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-66  
 Cross Section -1.951 To 32.92 %

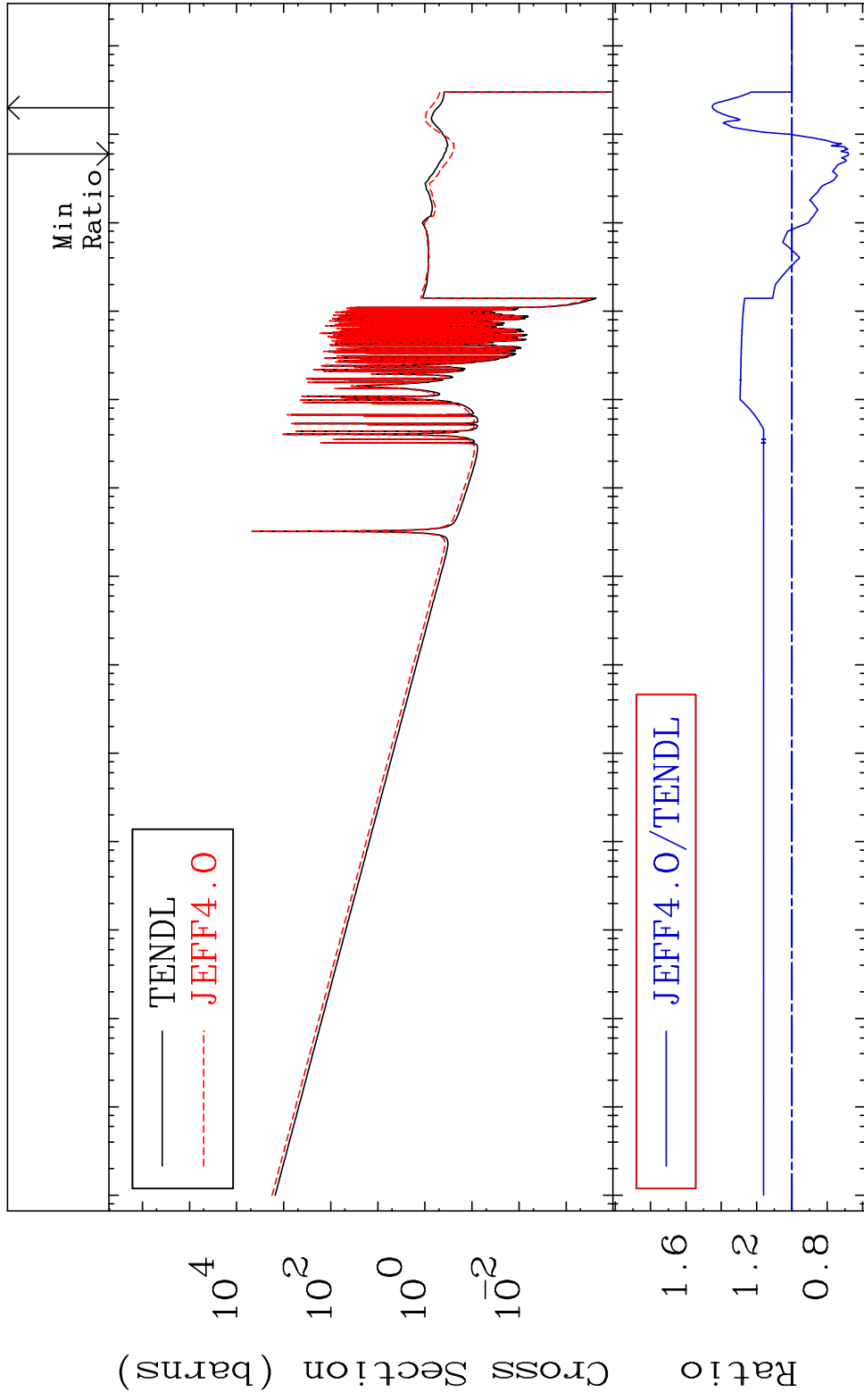


MAT 3031

Kerma capture (mt102)

30-Zn-66

Cross Section -31.90 To 45.04 %

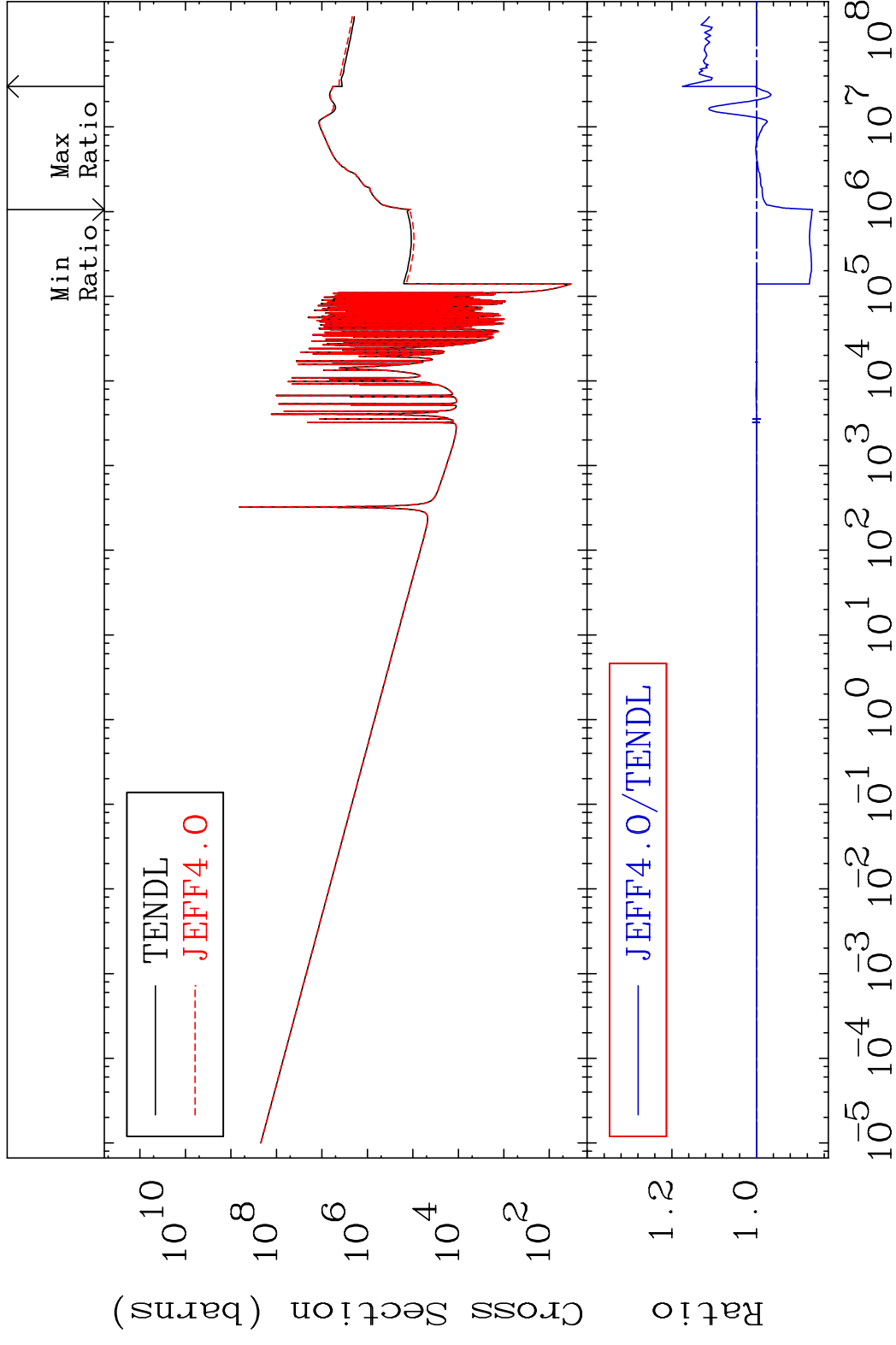


72

Incident Energy (eV)

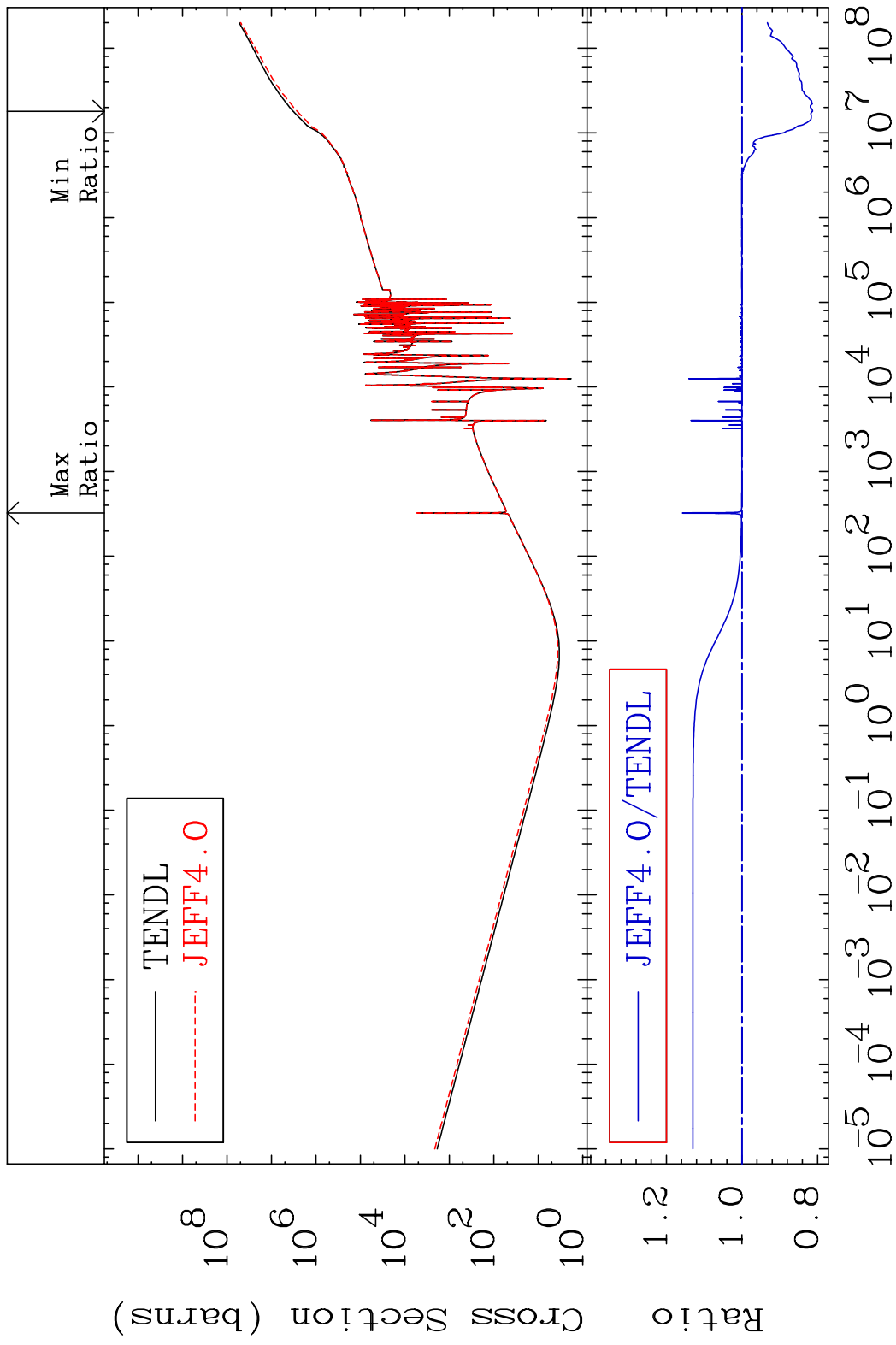
30-Zn-66

MAT 3031 Total photon (eV-barns) 30-Zn-66  
 Cross Section -13.24 To 17.51 %

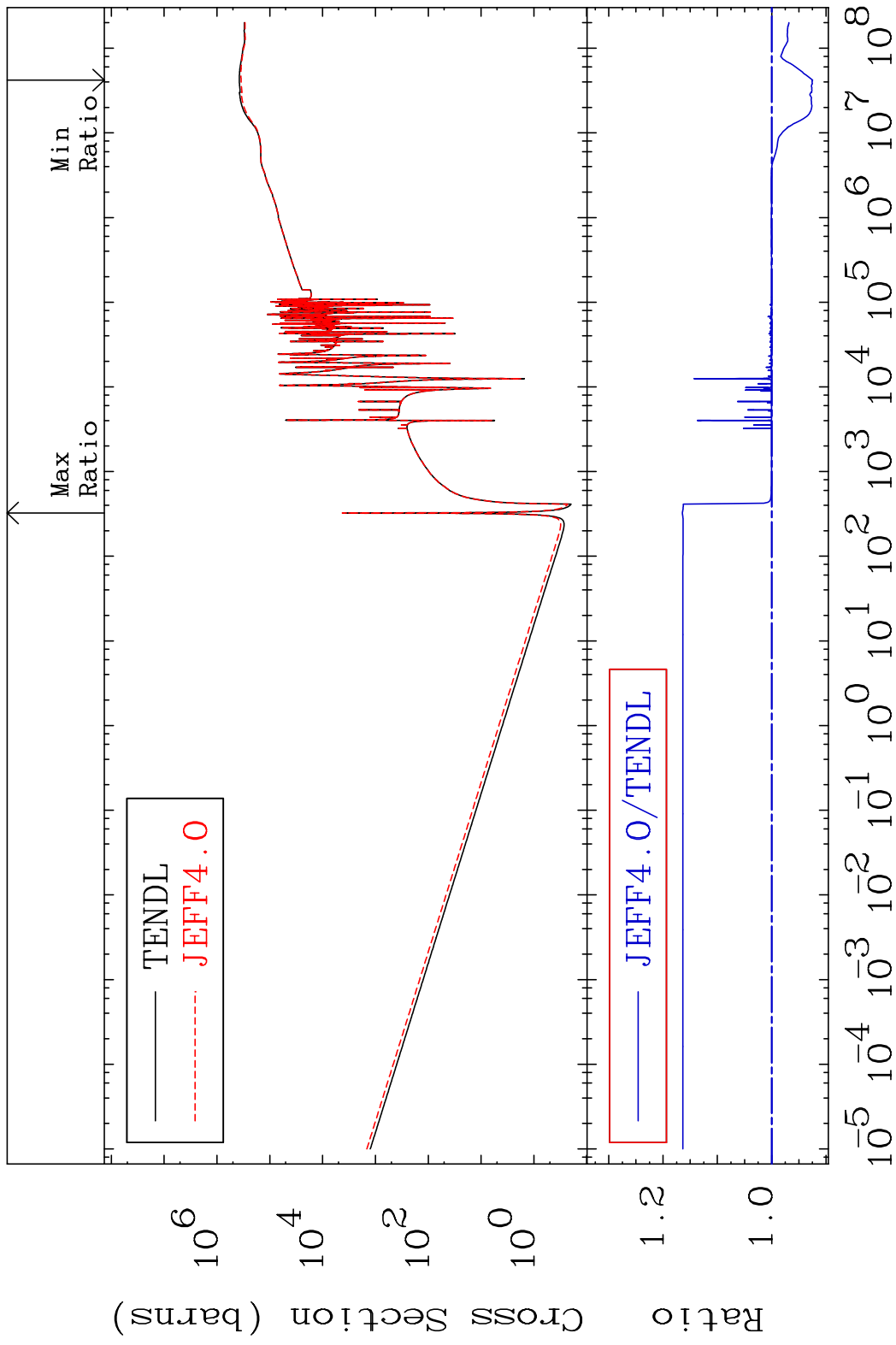


73 Incident Energy (eV) 30-Zn-66

MAT 3031 Total kinematic kerma (high limit) 30-Zn-66  
 Cross Section -18.68 To 15.76 %



MAT 3031      Dpa total (eV-barns)      30-Zn-66  
 Cross Section      -7.529 To 16.45 %



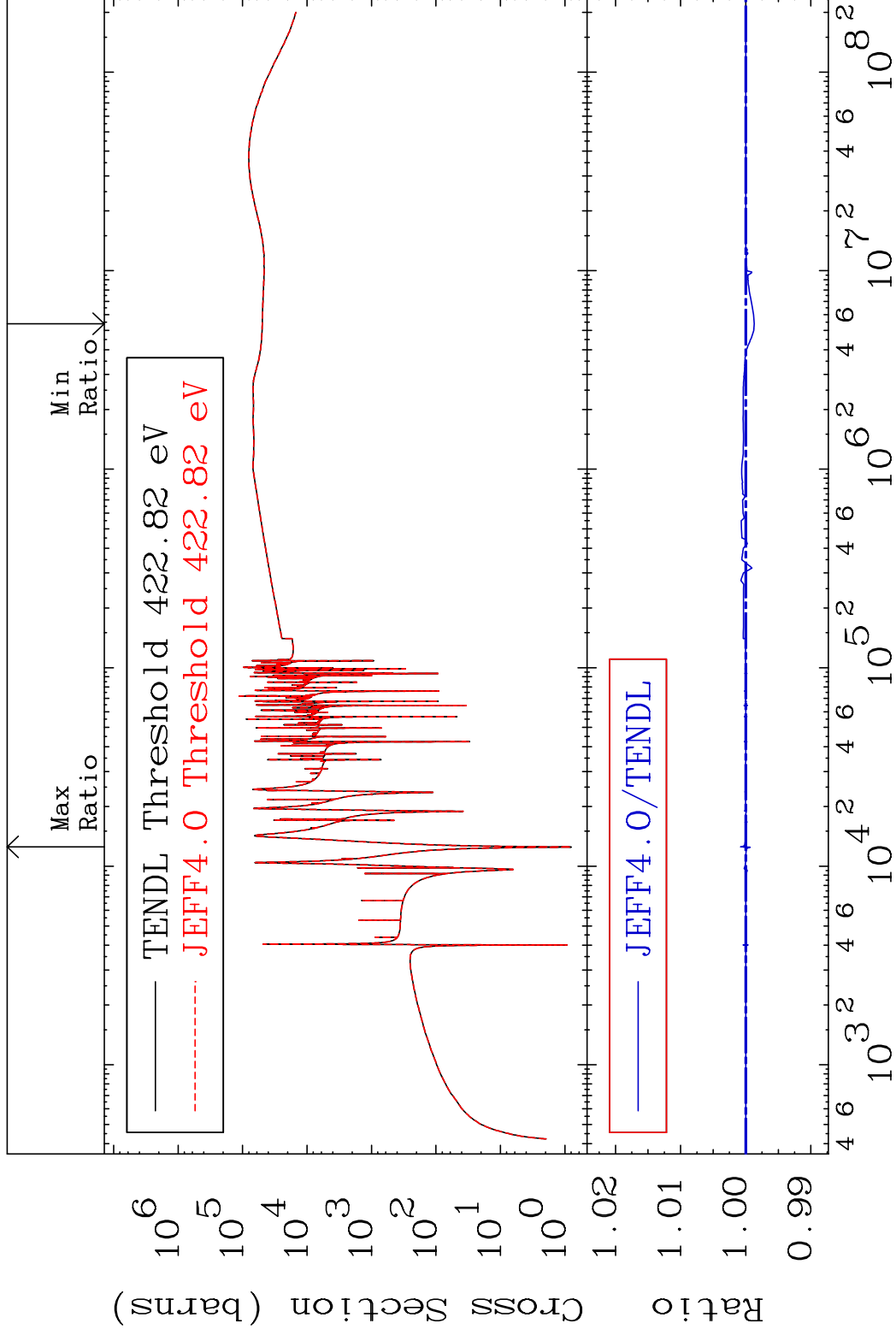
75      Incident Energy (eV)      30-Zn-66

MAT 3031

Dpa elastic (mt2)

30-Zn-66

Cross Section -0.131 To 0.078 %



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Incident Energy (eV)

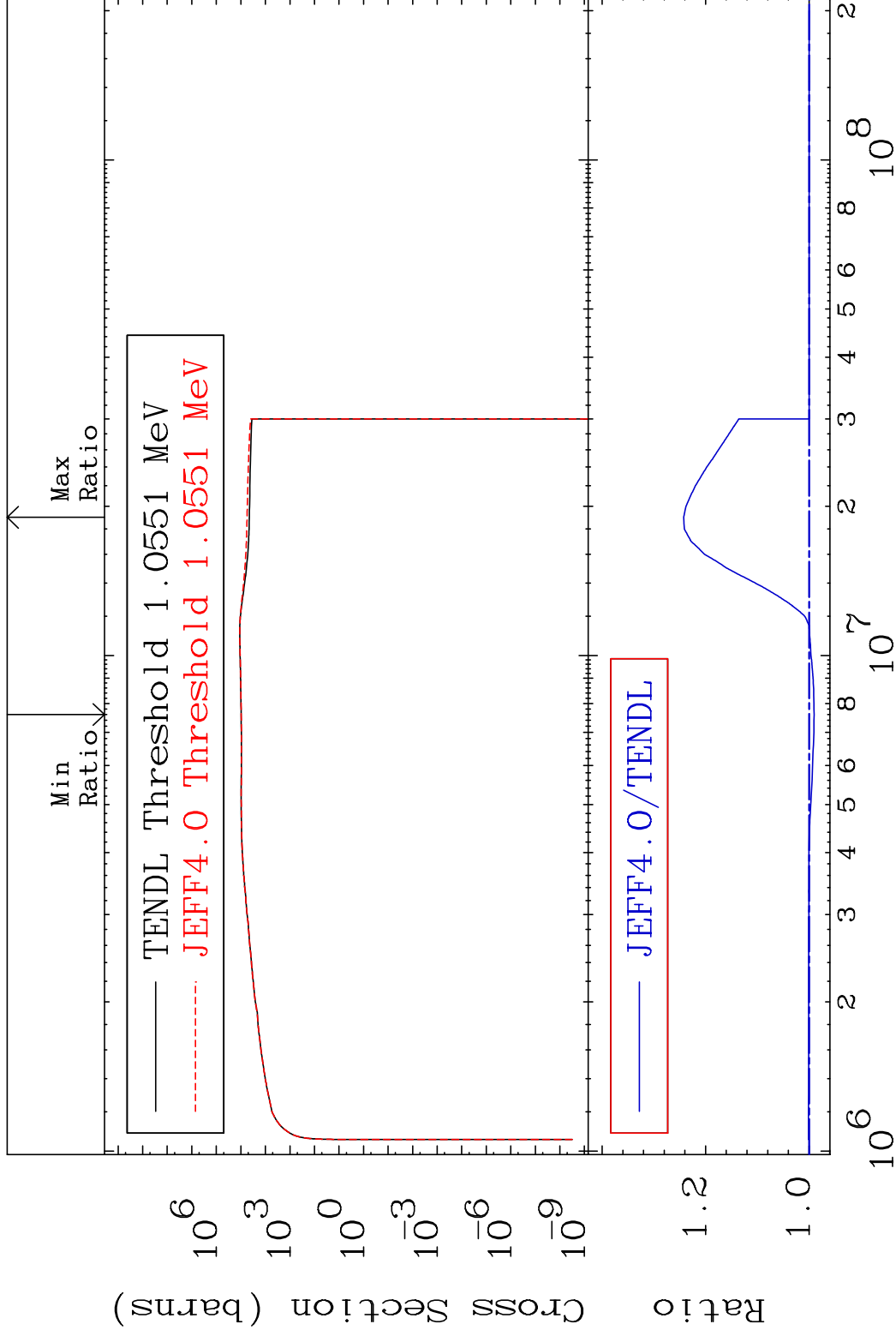
30-Zn-66

MAT 3031

Dpa inelastic (mt51-91)

30-Zn-66

Cross Section -0.967 To 24.24 %

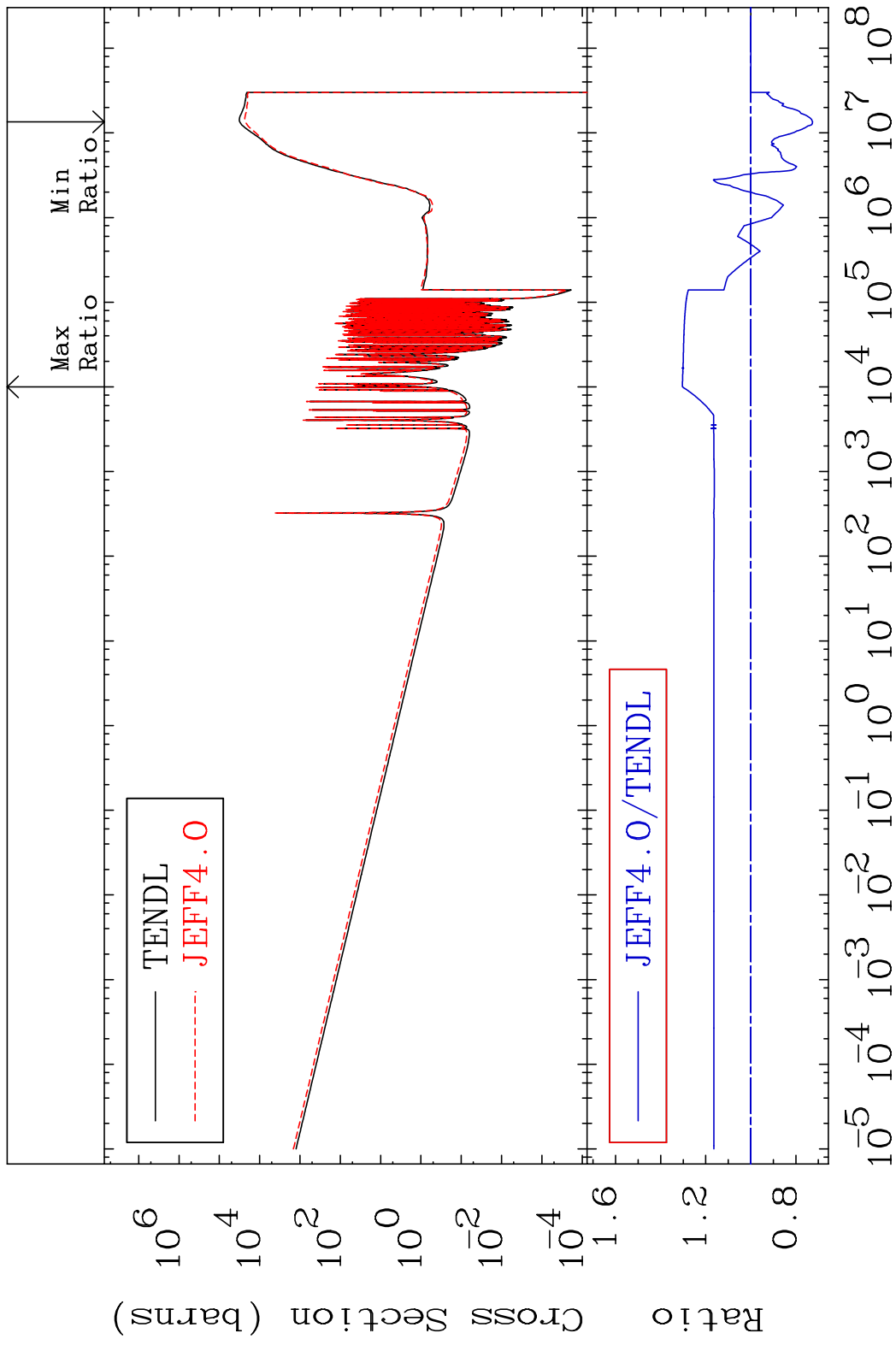


77

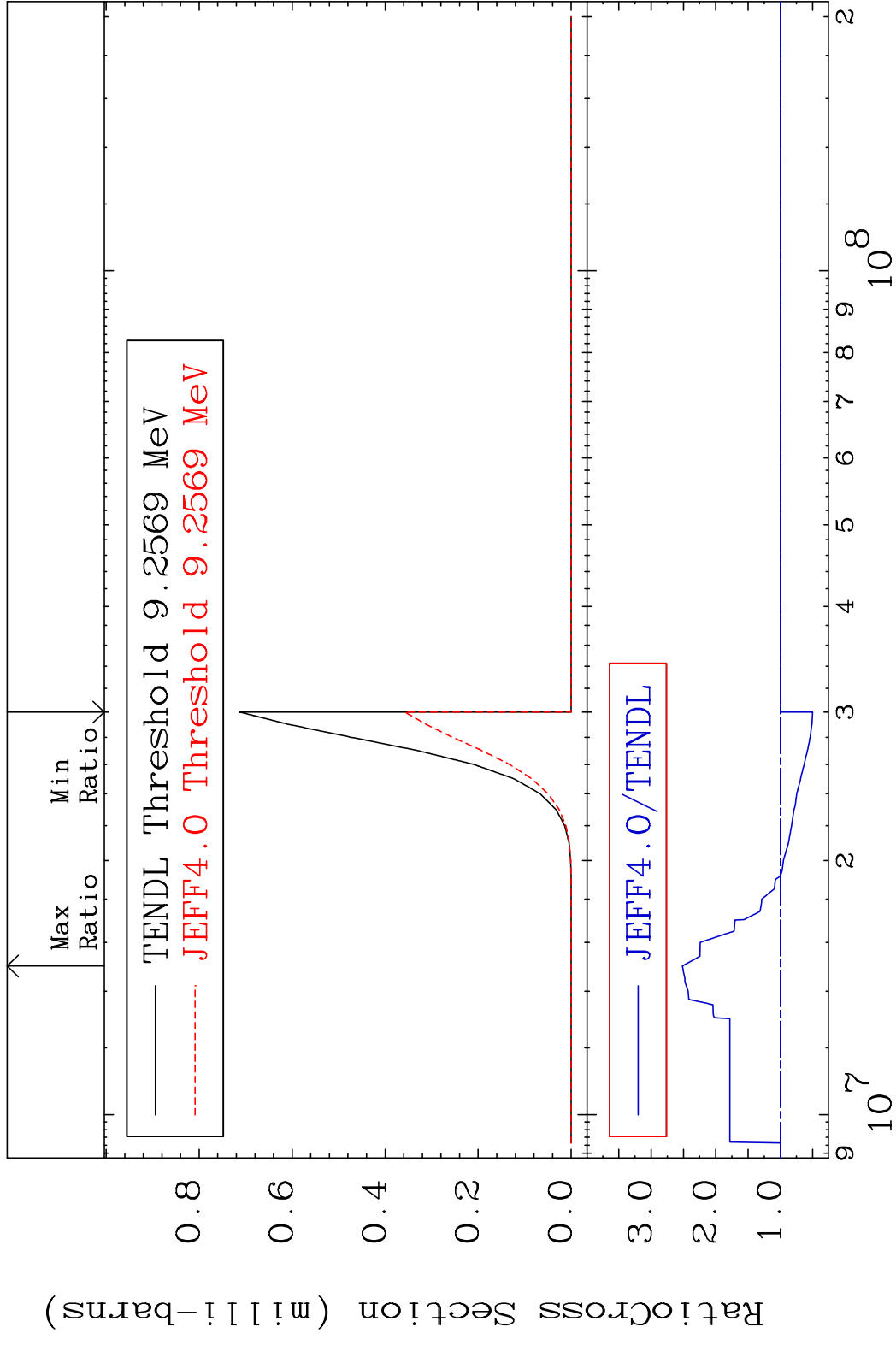
Incident Energy (eV)

30-Zn-66

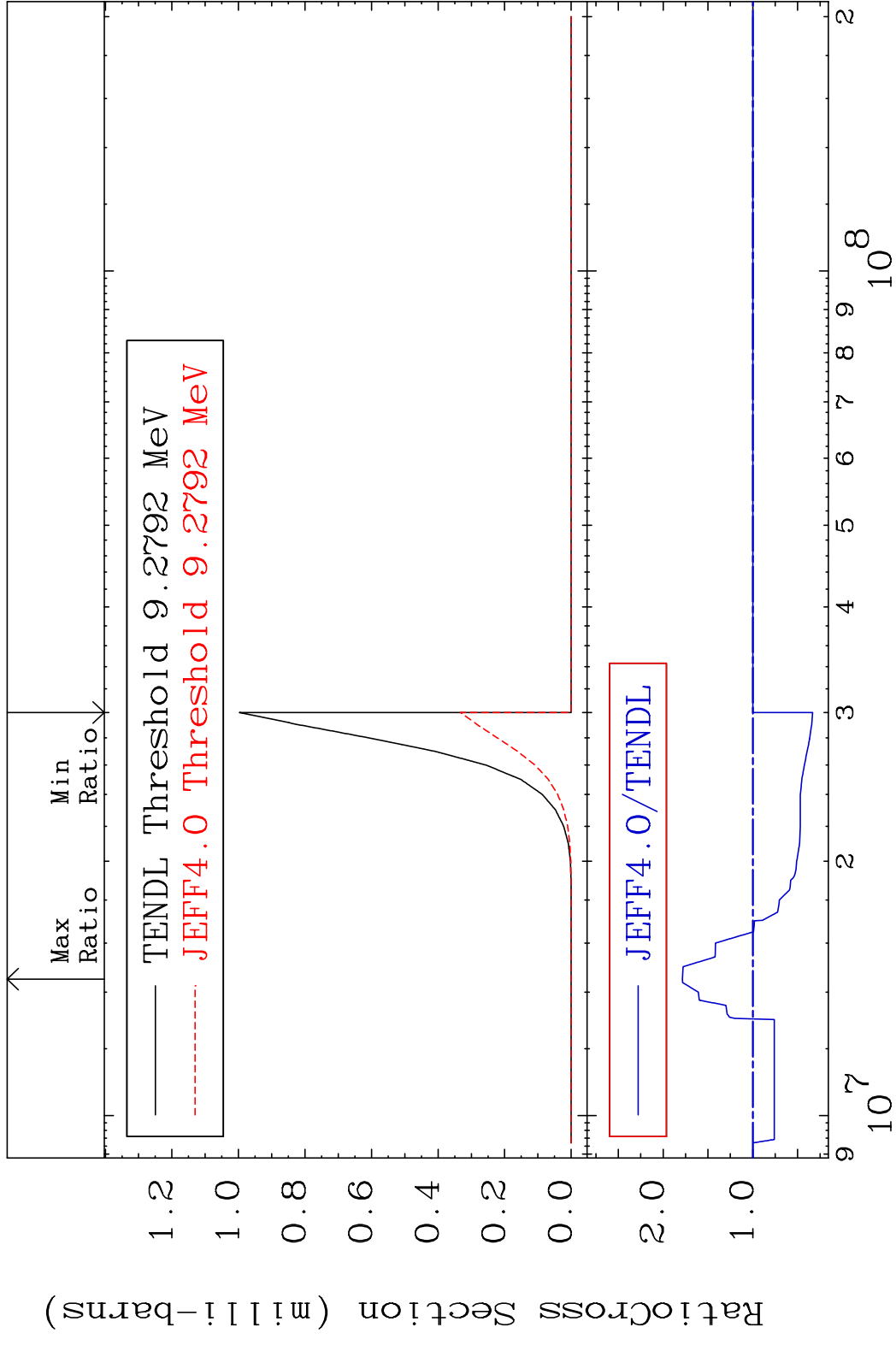
MAT 3031 Dpa disappearance (mt102 -120) 30-Zn-66  
 Cross Section -27.40 To 30.38 %



MAT 3031 (n, p)  $\alpha$ :27-Co-62g 30-Zn-66  
 Radionuclide Production Cross Section 151.7 %



MAT 3031 (n, p)  $\alpha$ :27-Co-62m1 30-Zn-66  
 Radionuclide Production Cross Section 68.65 d10 78.58 %



80 30-Zn-66