

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

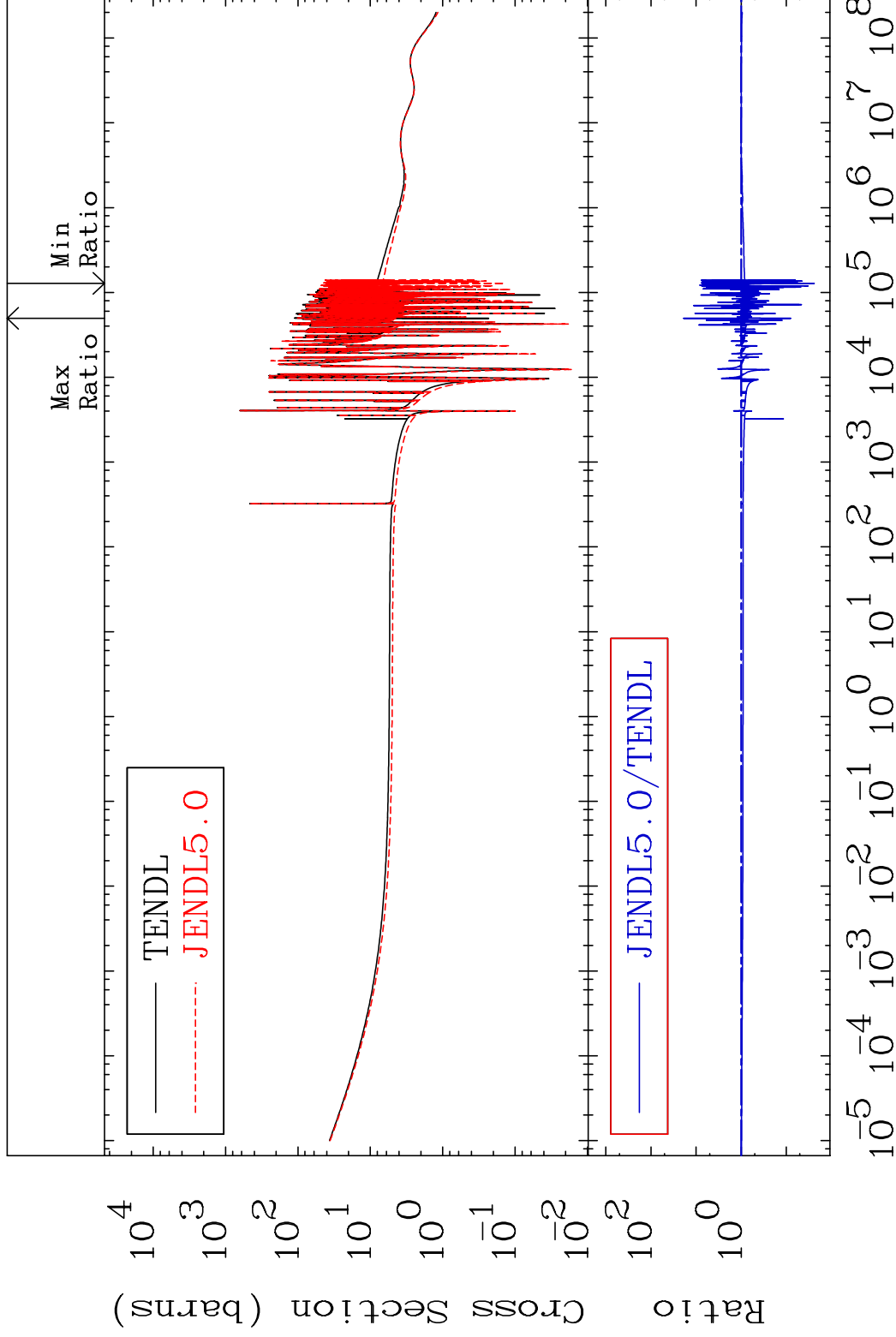
MAT 3031

Total

30-Zn-66

Cross Section

-97.58 To 1782. %



1

Incident Energy (eV)

30-Zn-66

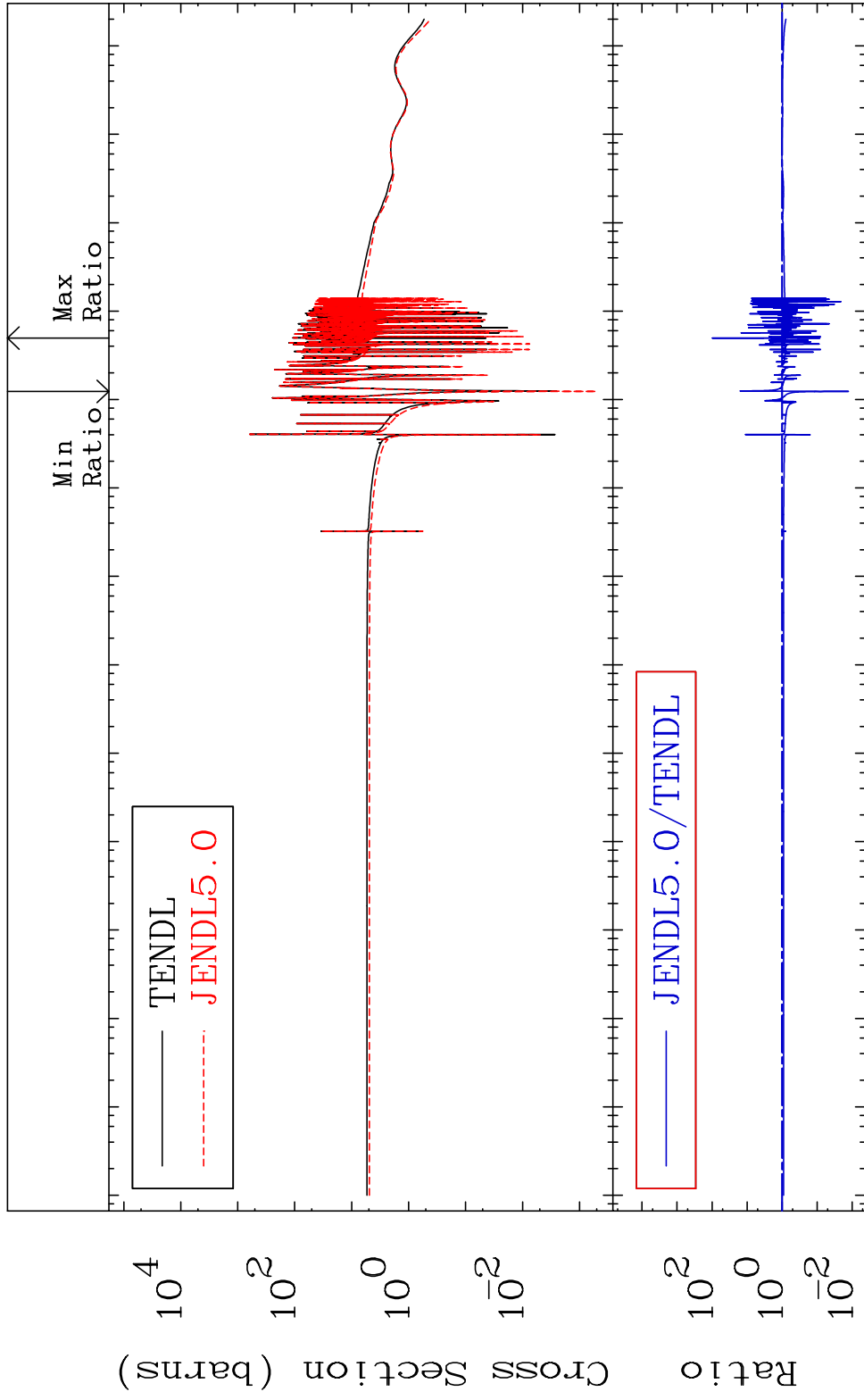
MAT 3031

Elastic

30-Zn-66

Cross Section

-98.72 To 9694. %

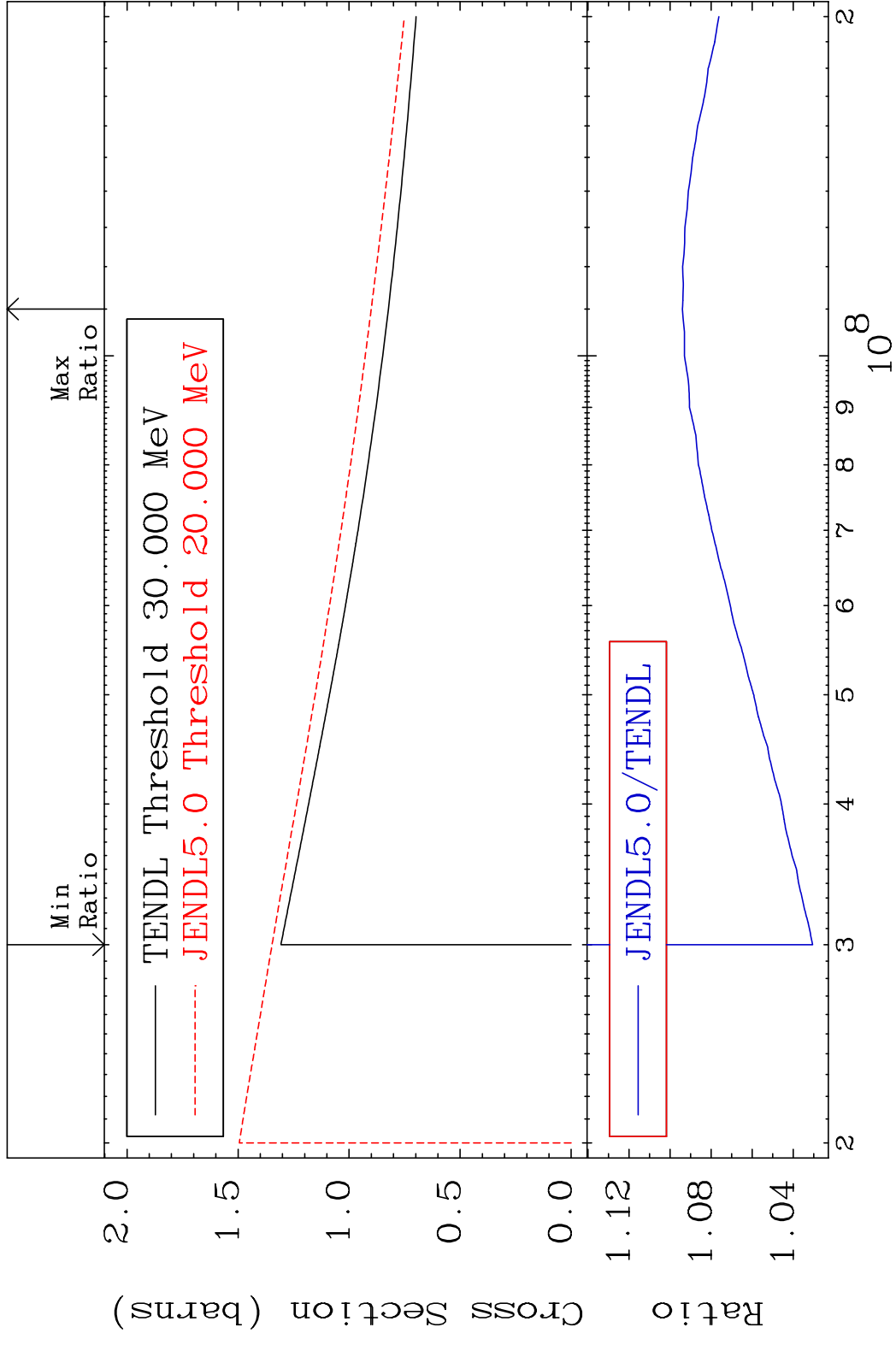


2

Incident Energy (eV)

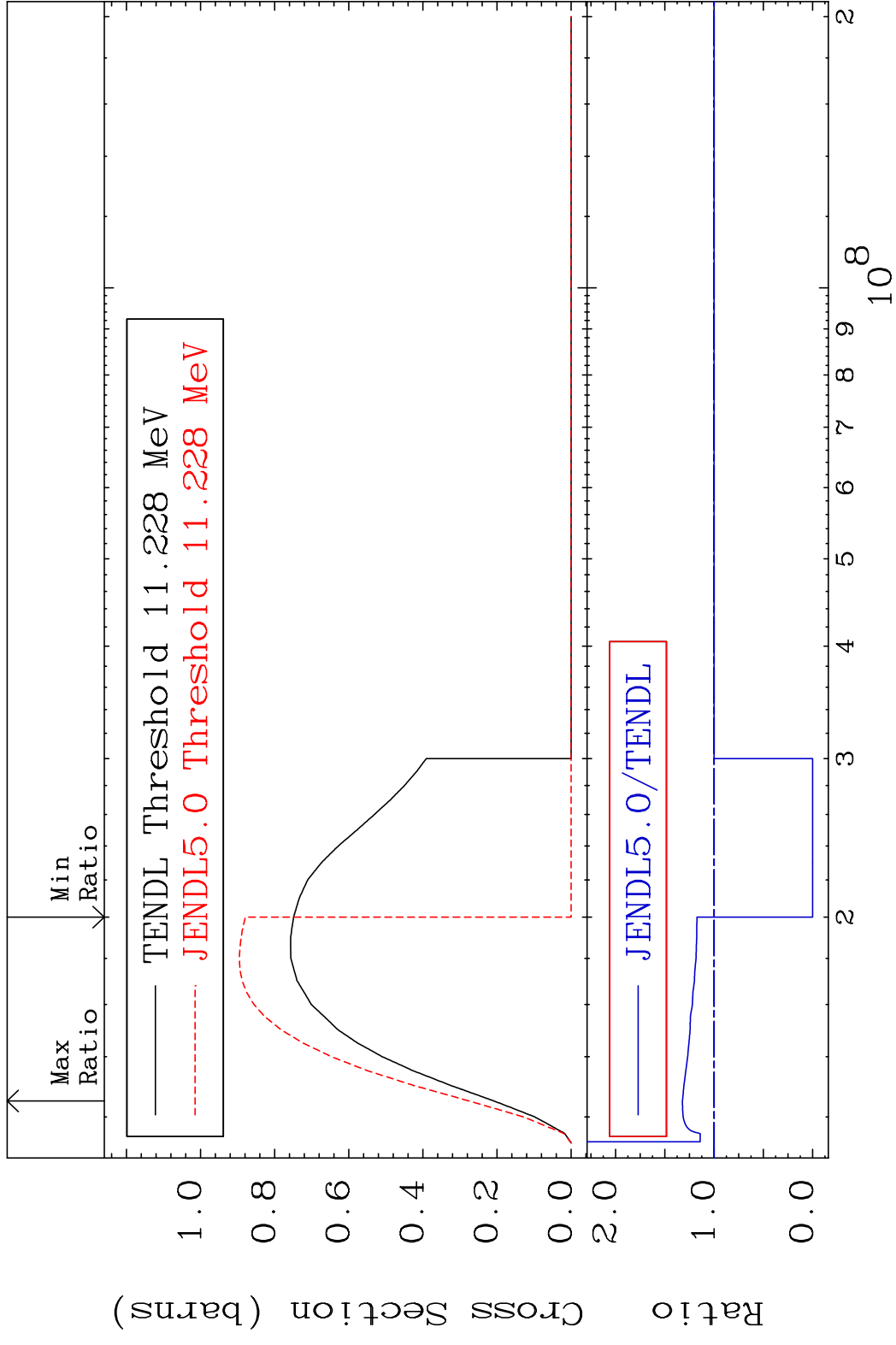
30-Zn-66

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

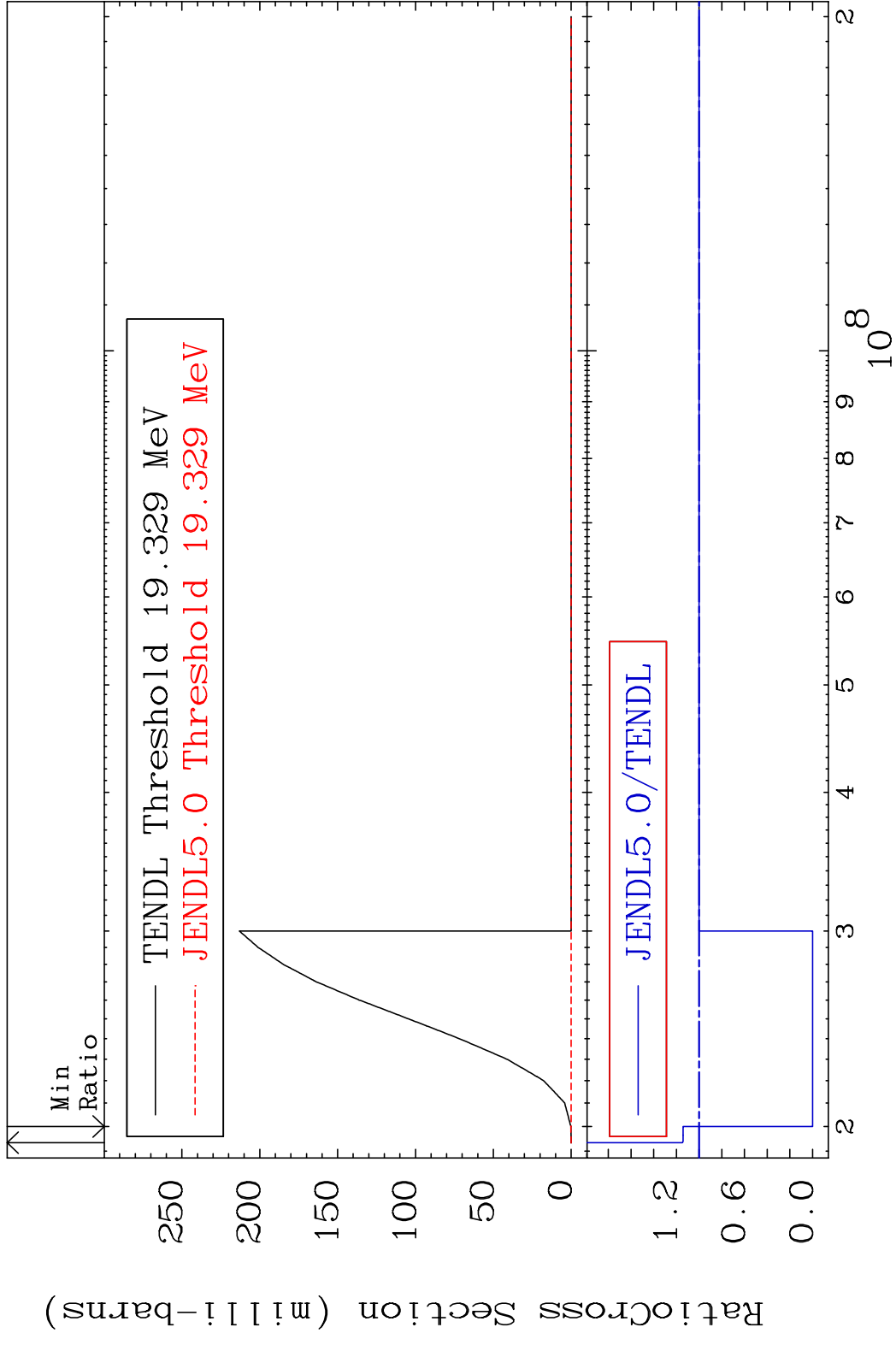


4 Incident Energy (eV) 30-Zn-66

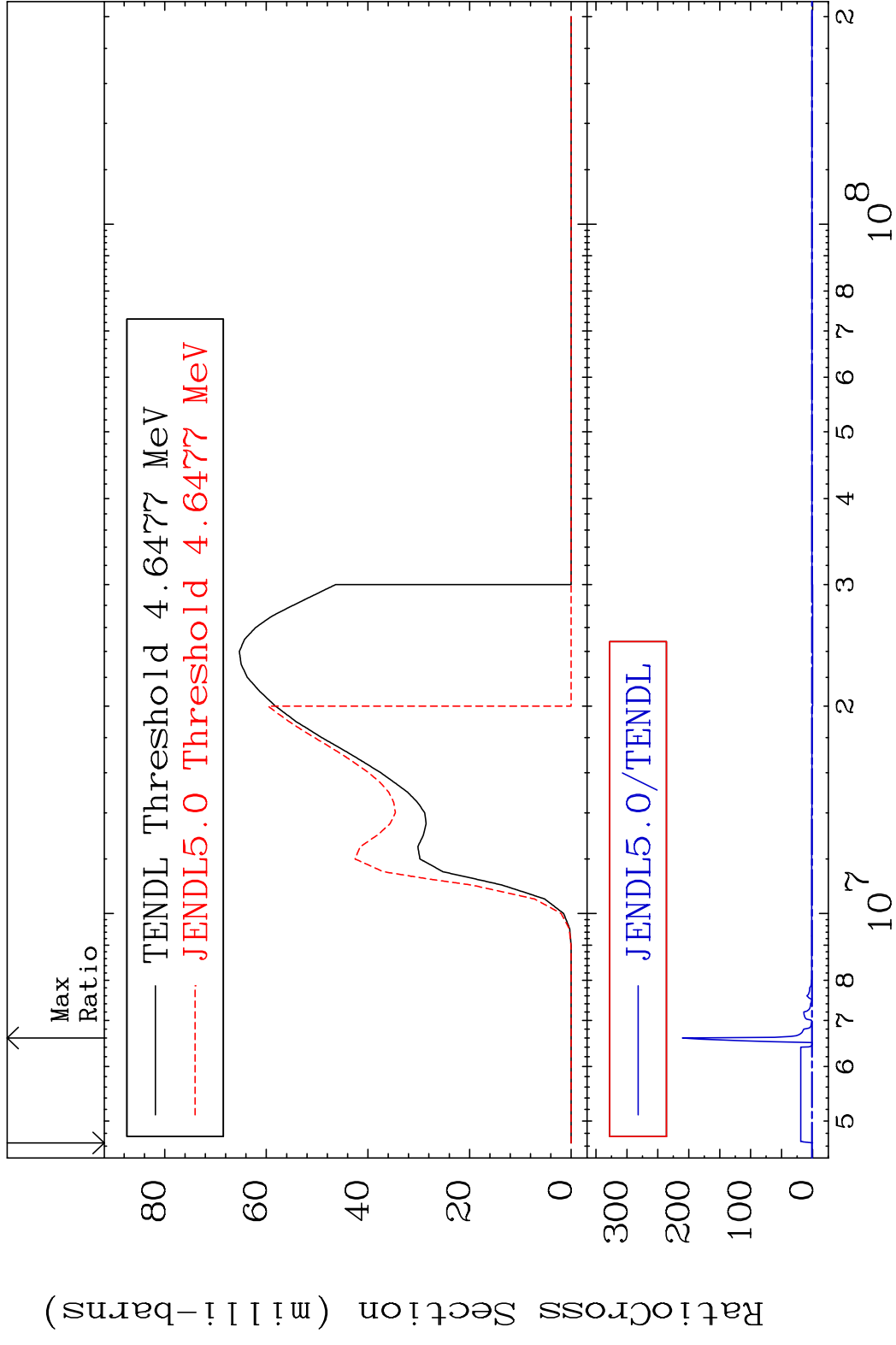
MAT 3031 (n,2n) 30-Zn-66
 Cross Section -100.0 To 32.25 %



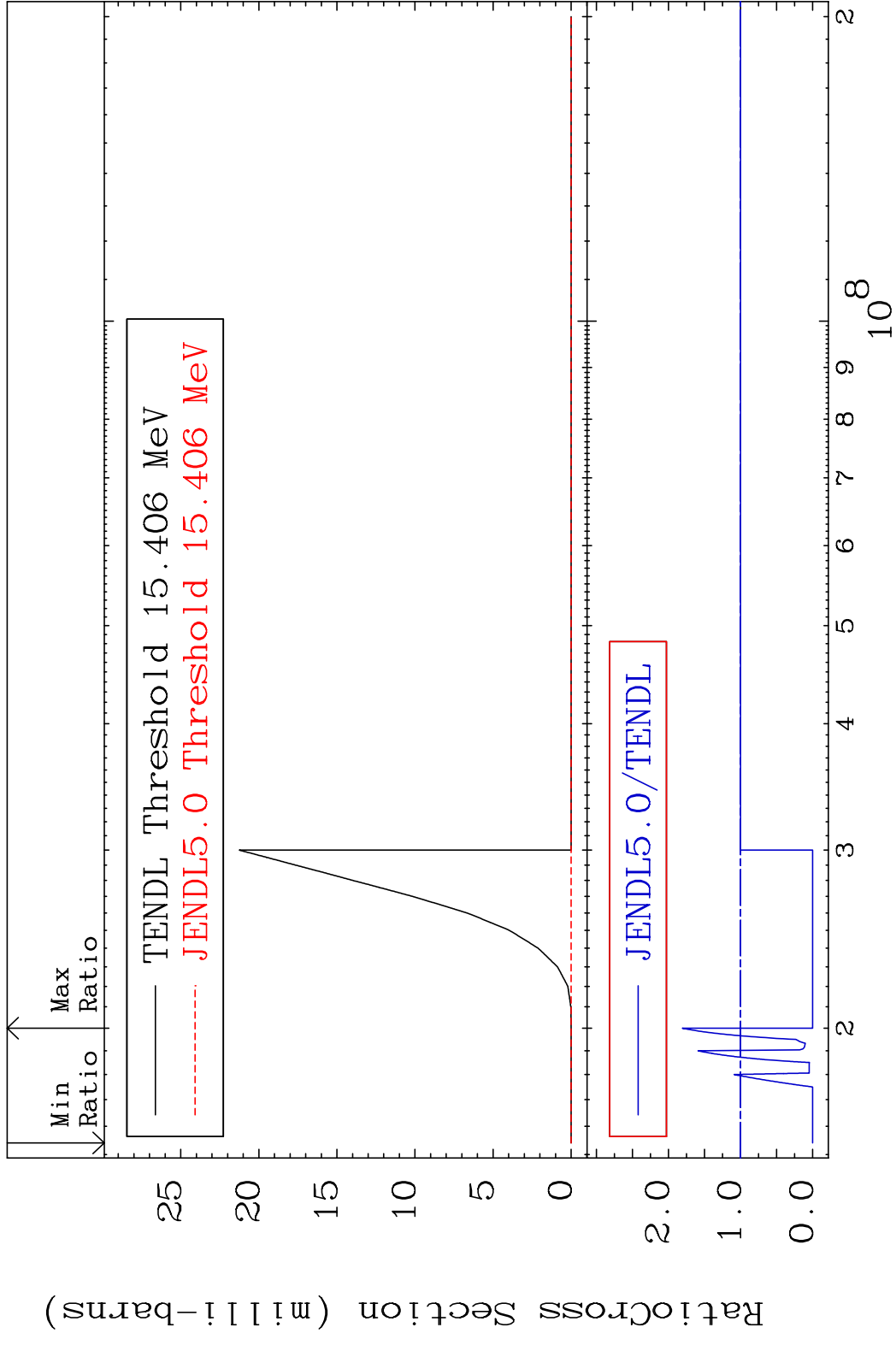
MAT 3031 (n,3n) 30-Zn-66
 Cross Section -100.0 To 14.79 %



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

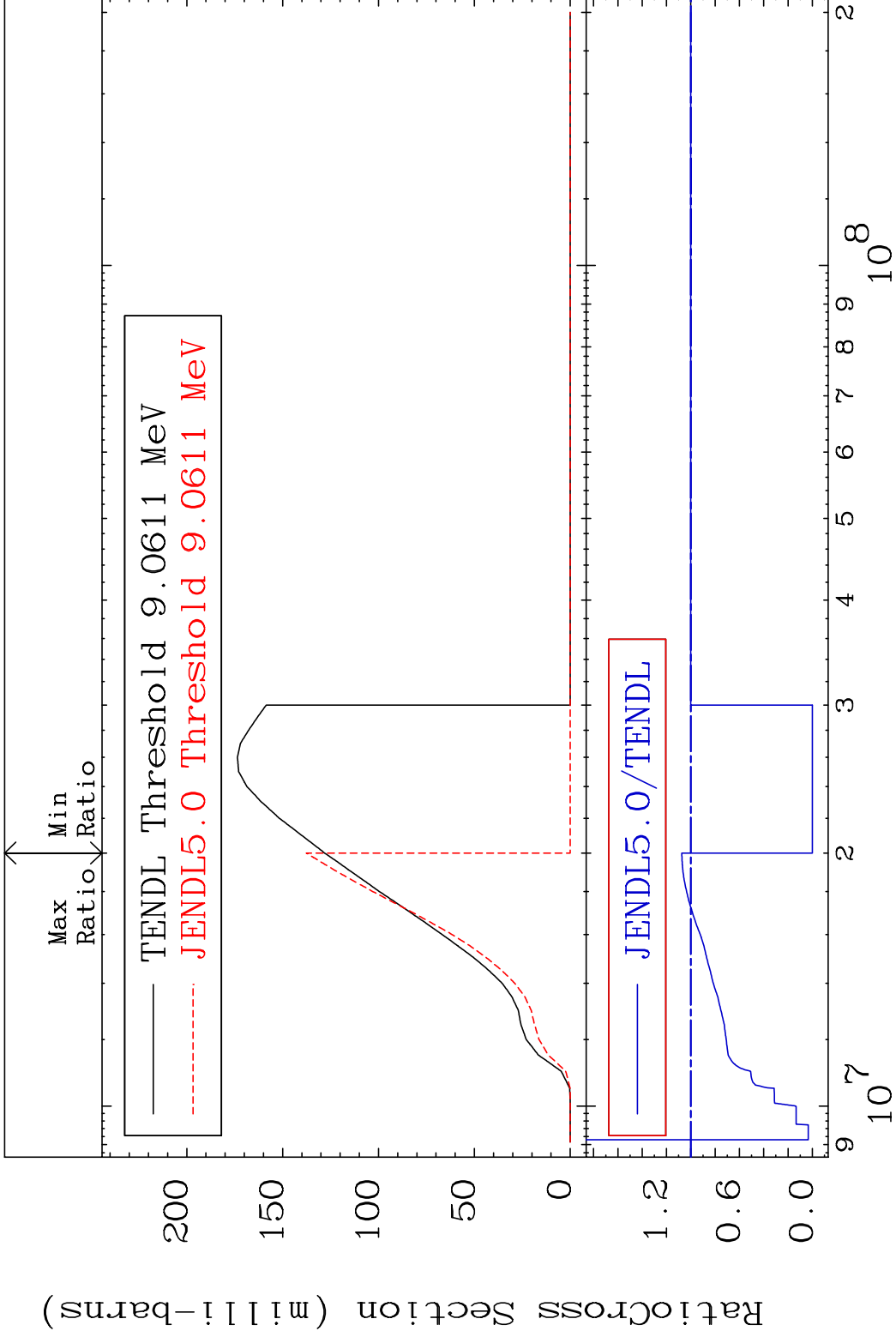


MAT 3031 (n,2n) α 30-Zn-66
 Cross Section -100.0 To 80.66 %

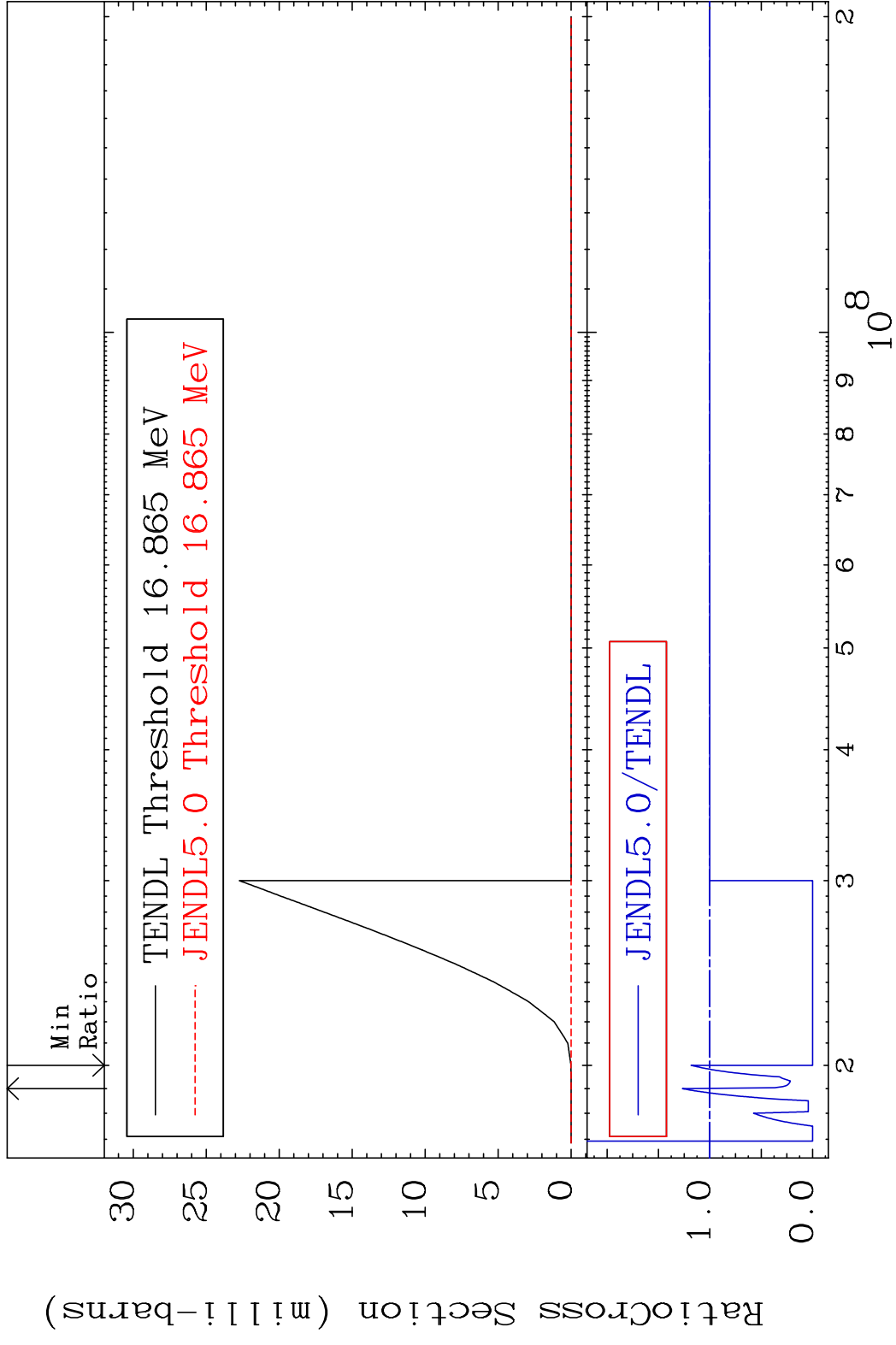


MAT 3031

(n, n') p 30-Zn-66
Cross Section -100.0 To 7.455 %

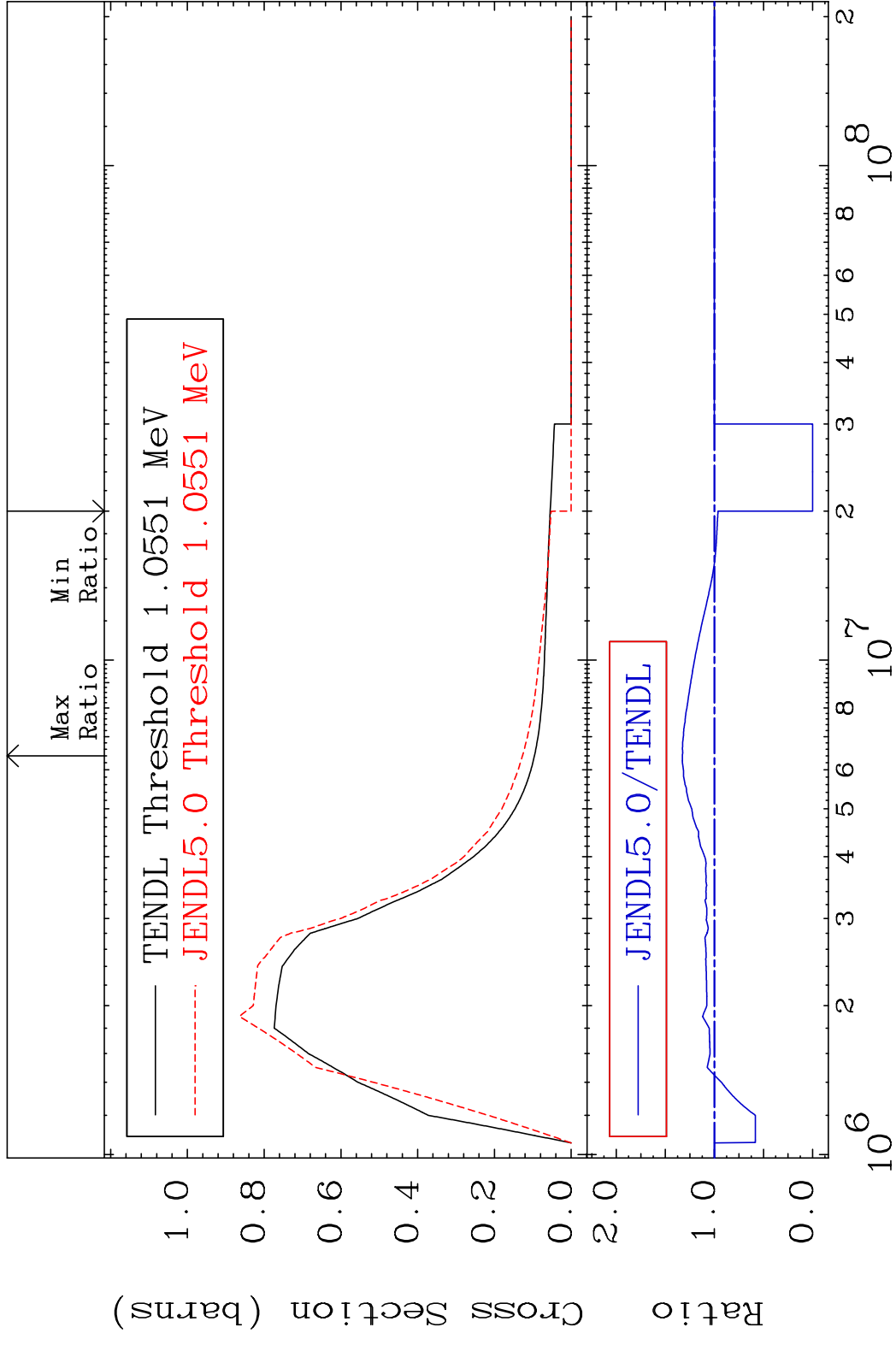


MAT 3031 (n, n') d 30-Zn-66
 Cross Section -100.0 To 26.72 %

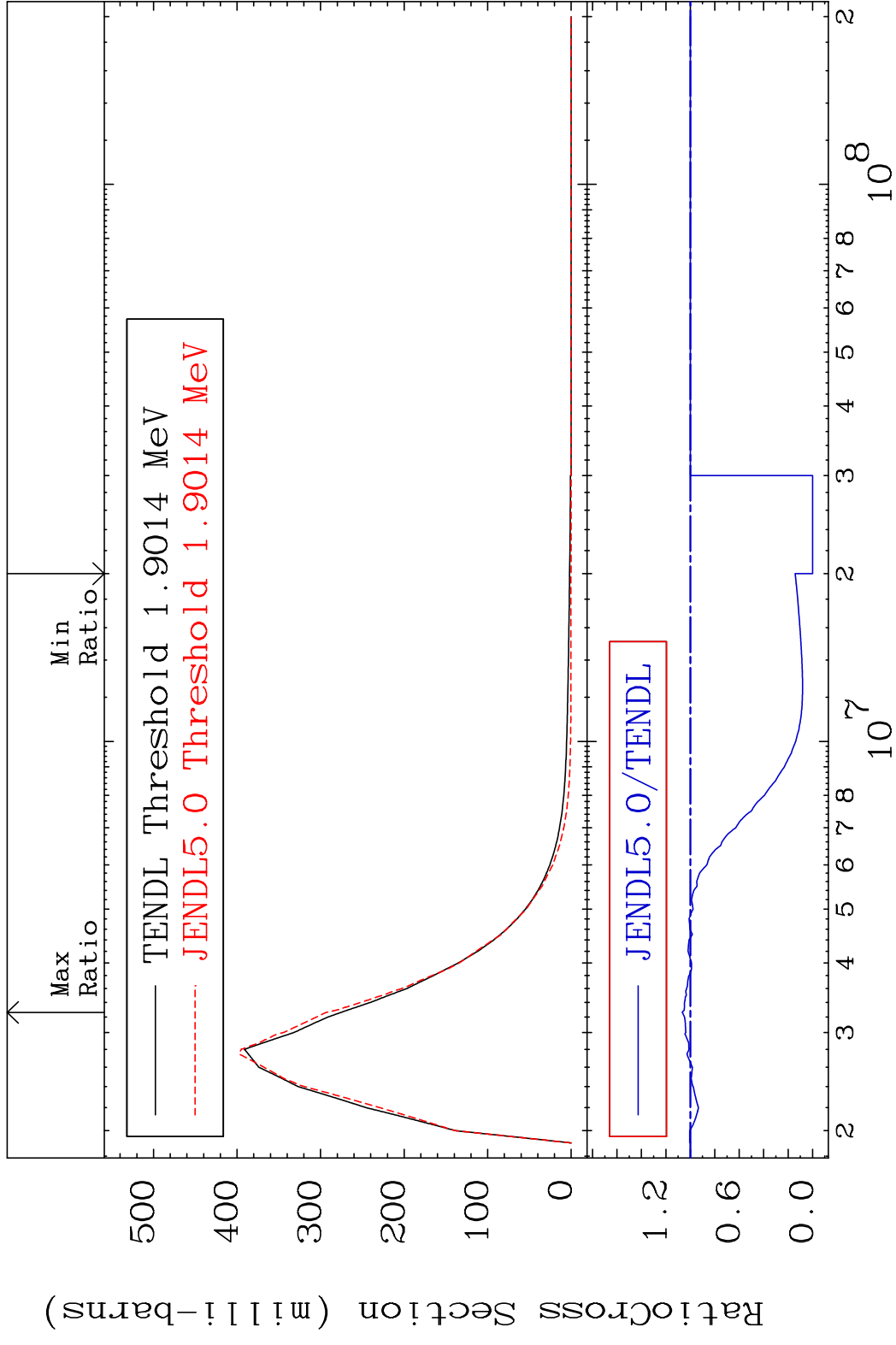


10 Incident Energy (eV) 30-Zn-66

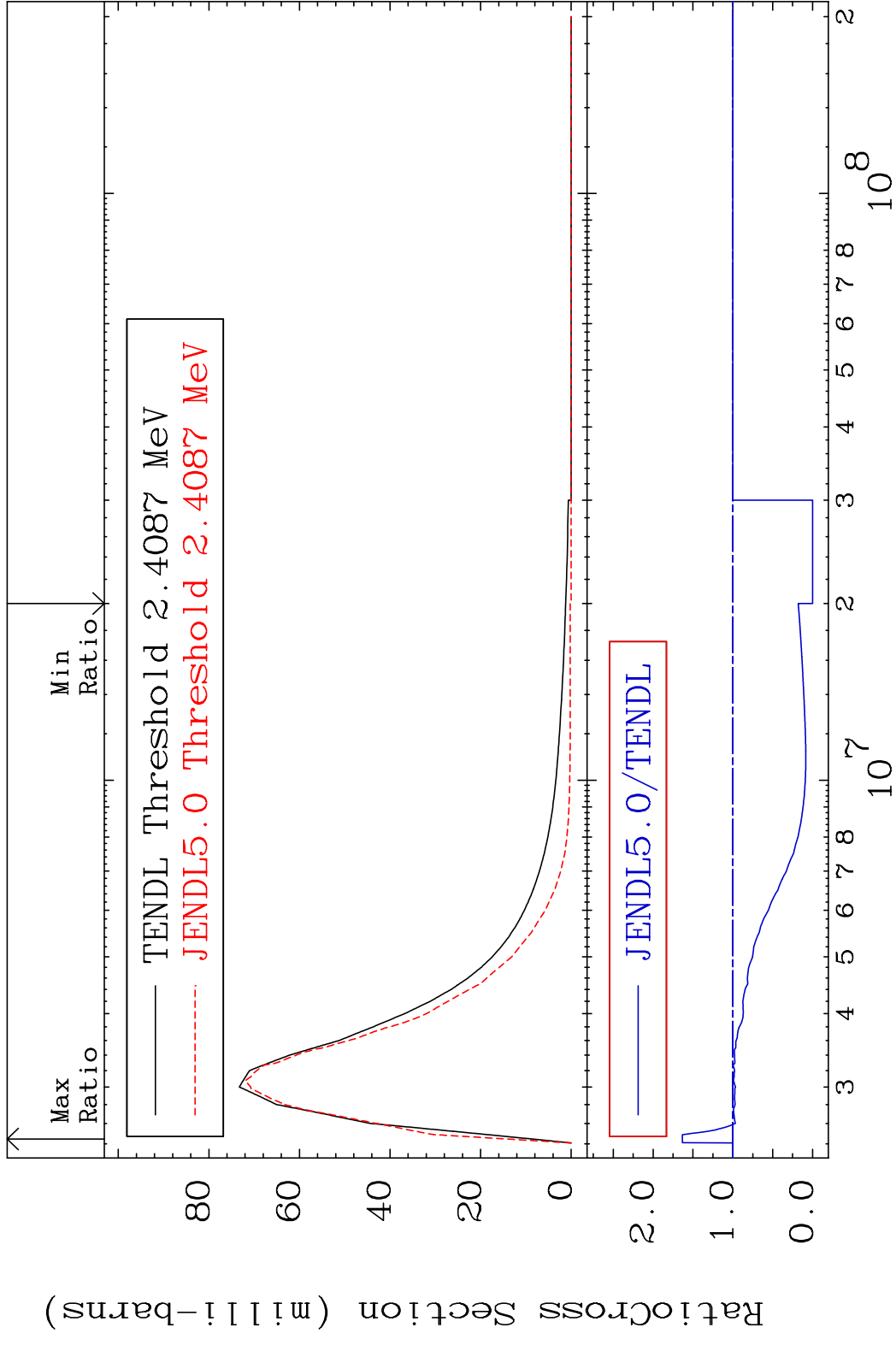
MAT 3031 MT= 51 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 32.69 %



MAT 3031 MT= 52 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 6.515 %

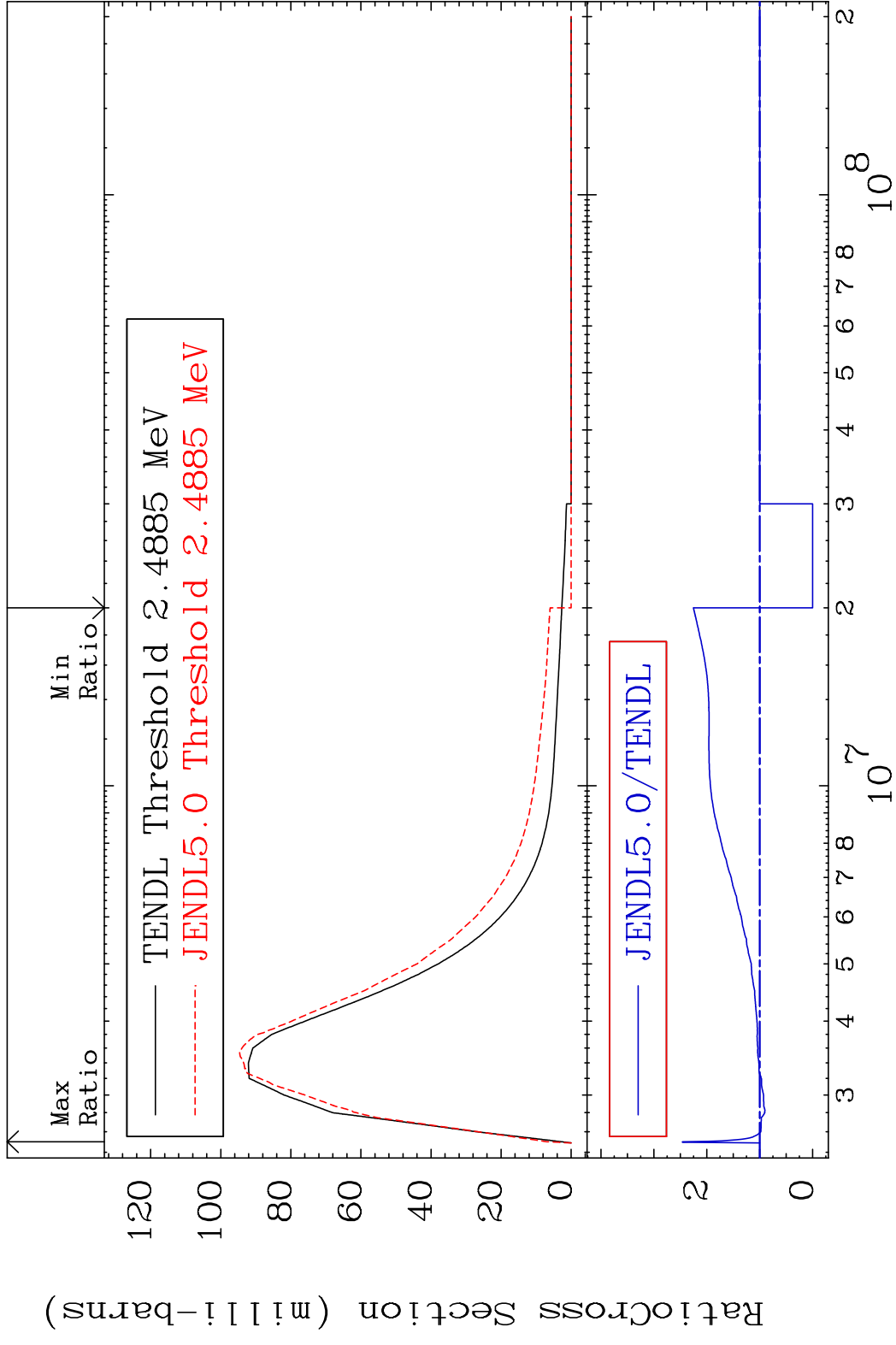


MAT 3031 MT= 53 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 63.32 %

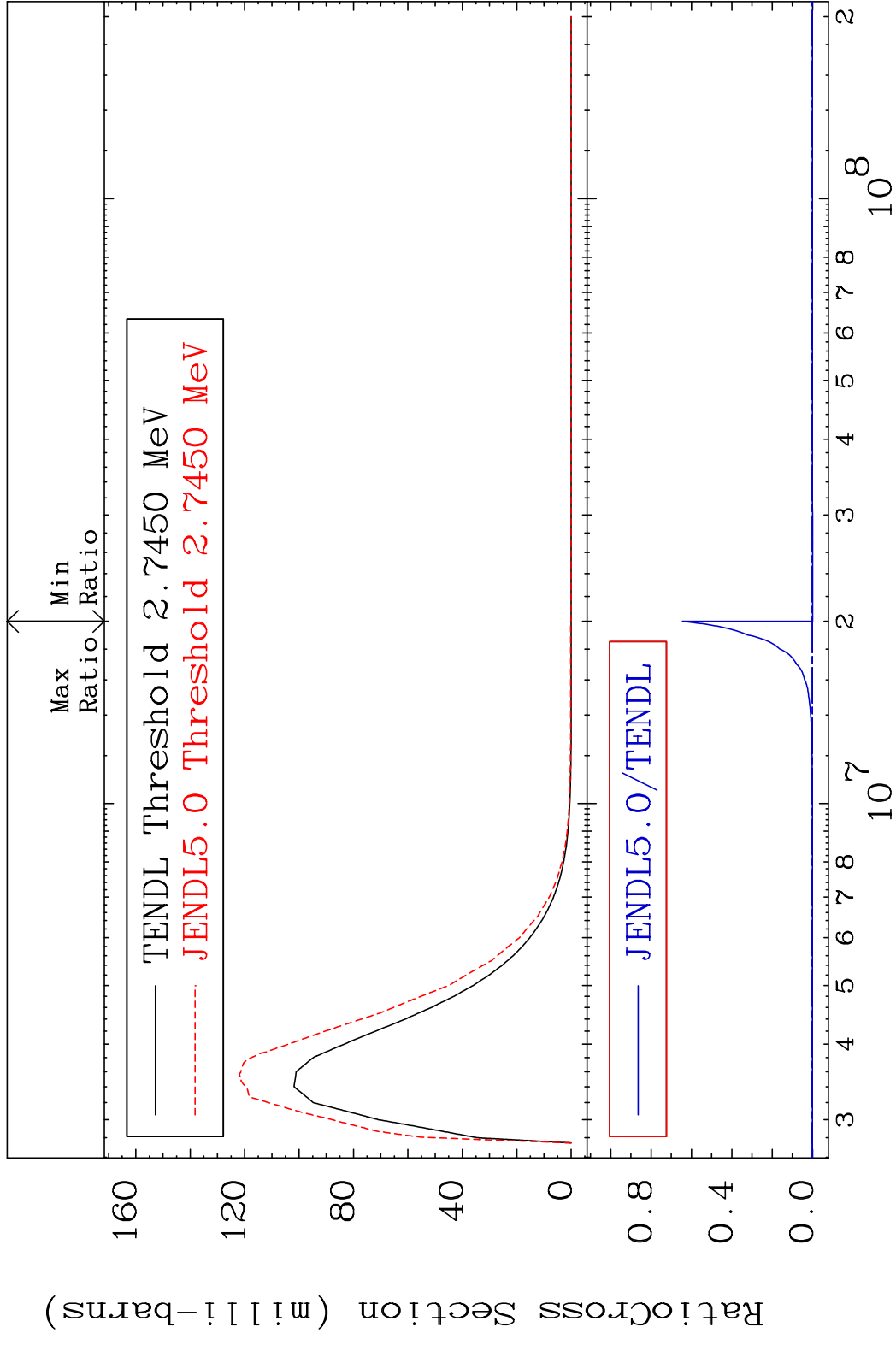


13 Incident Energy (eV) 30-Zn-66

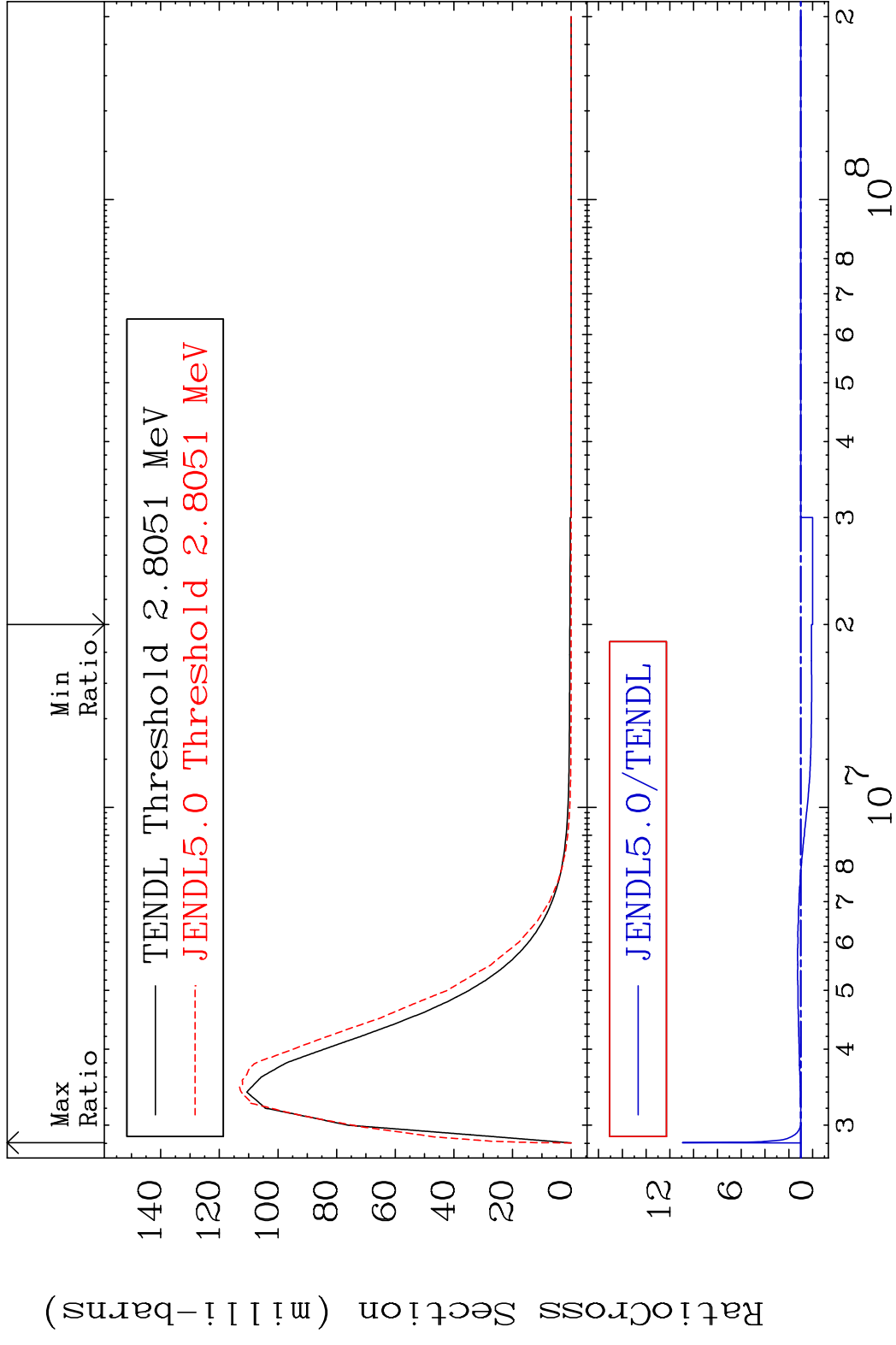
MAT 3031 MT= 54 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 146.2 %



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

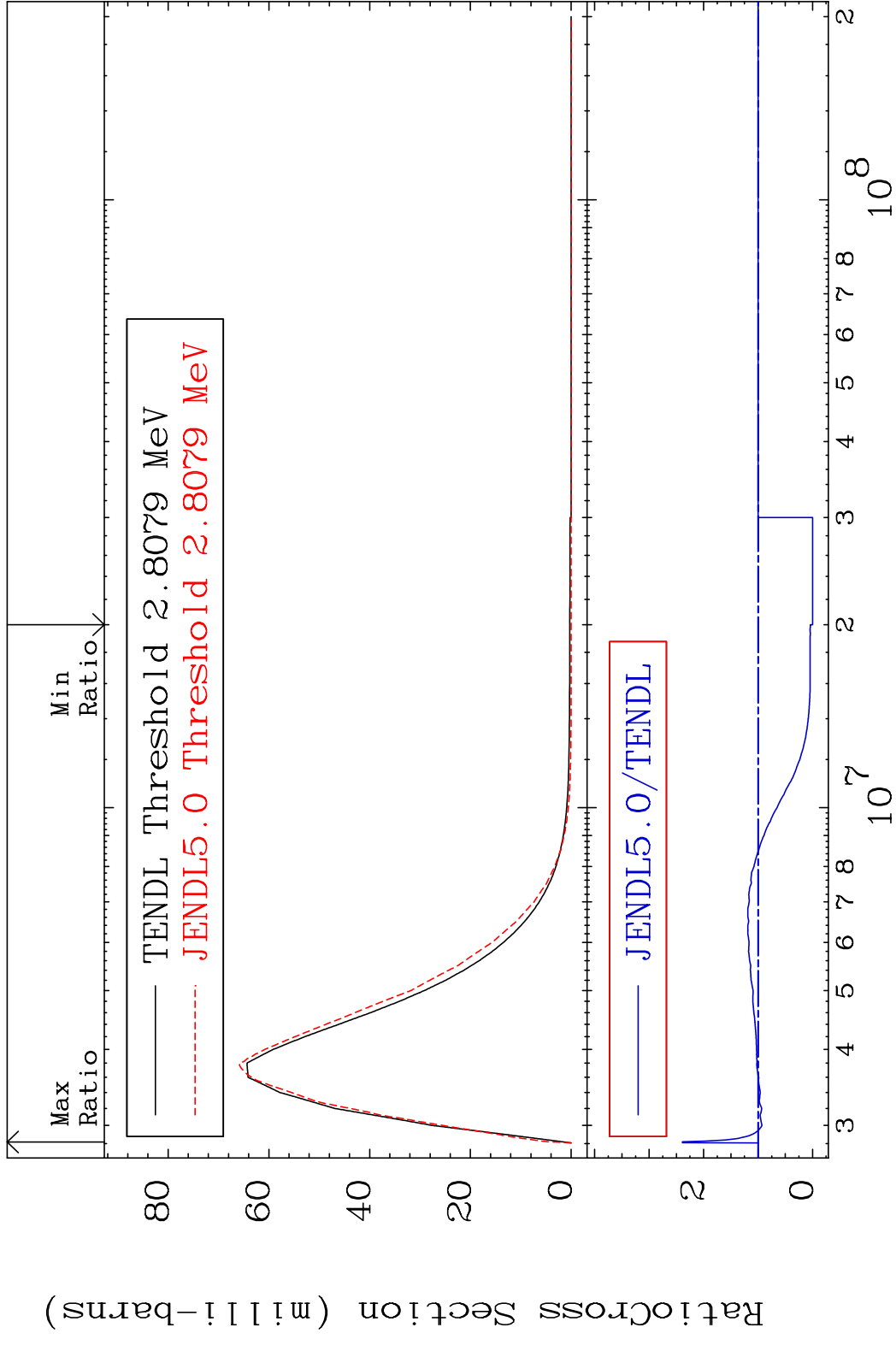


MAT 3031 MT= 56 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 995.1 %

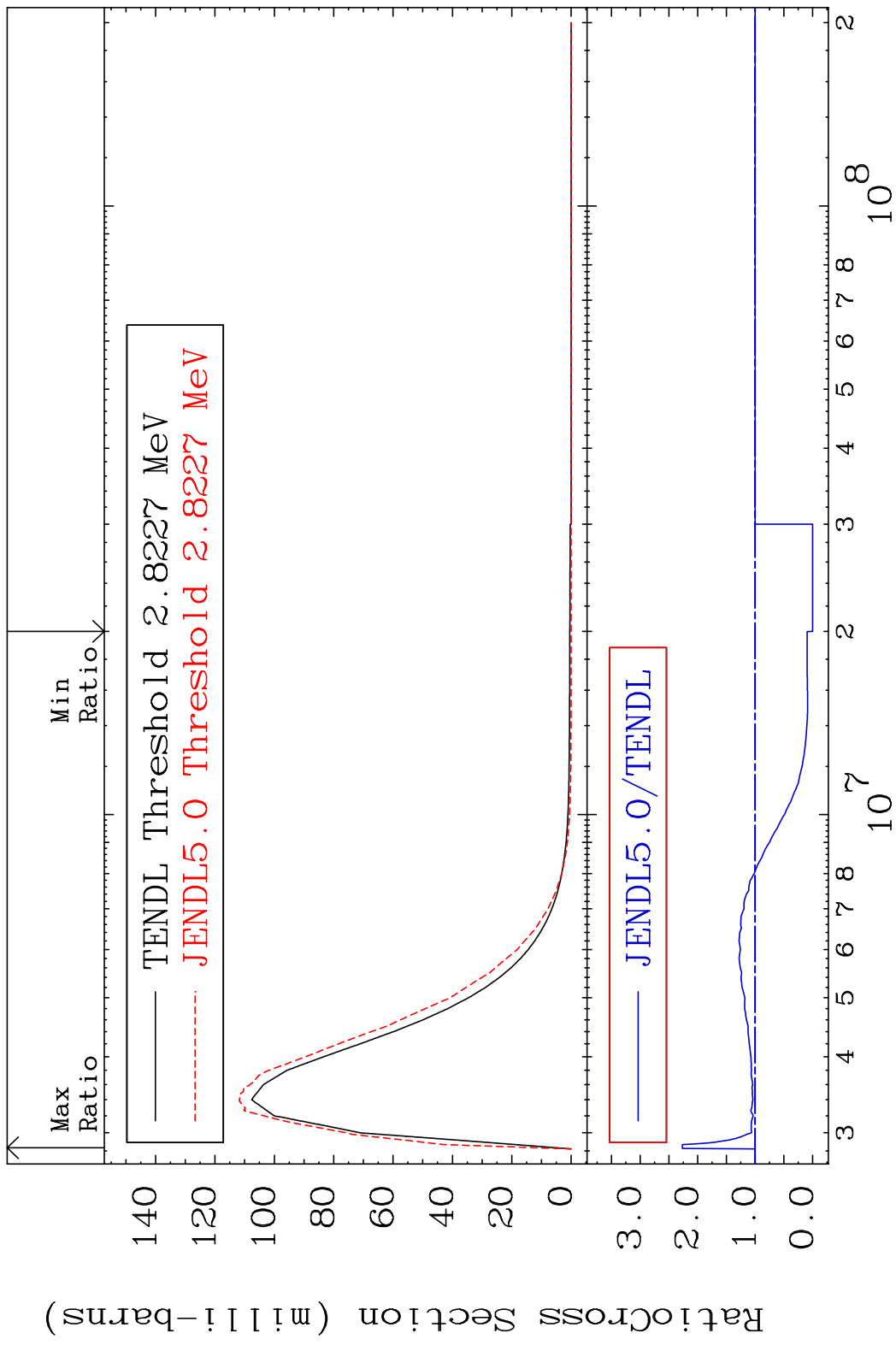


16 30-Zn-66

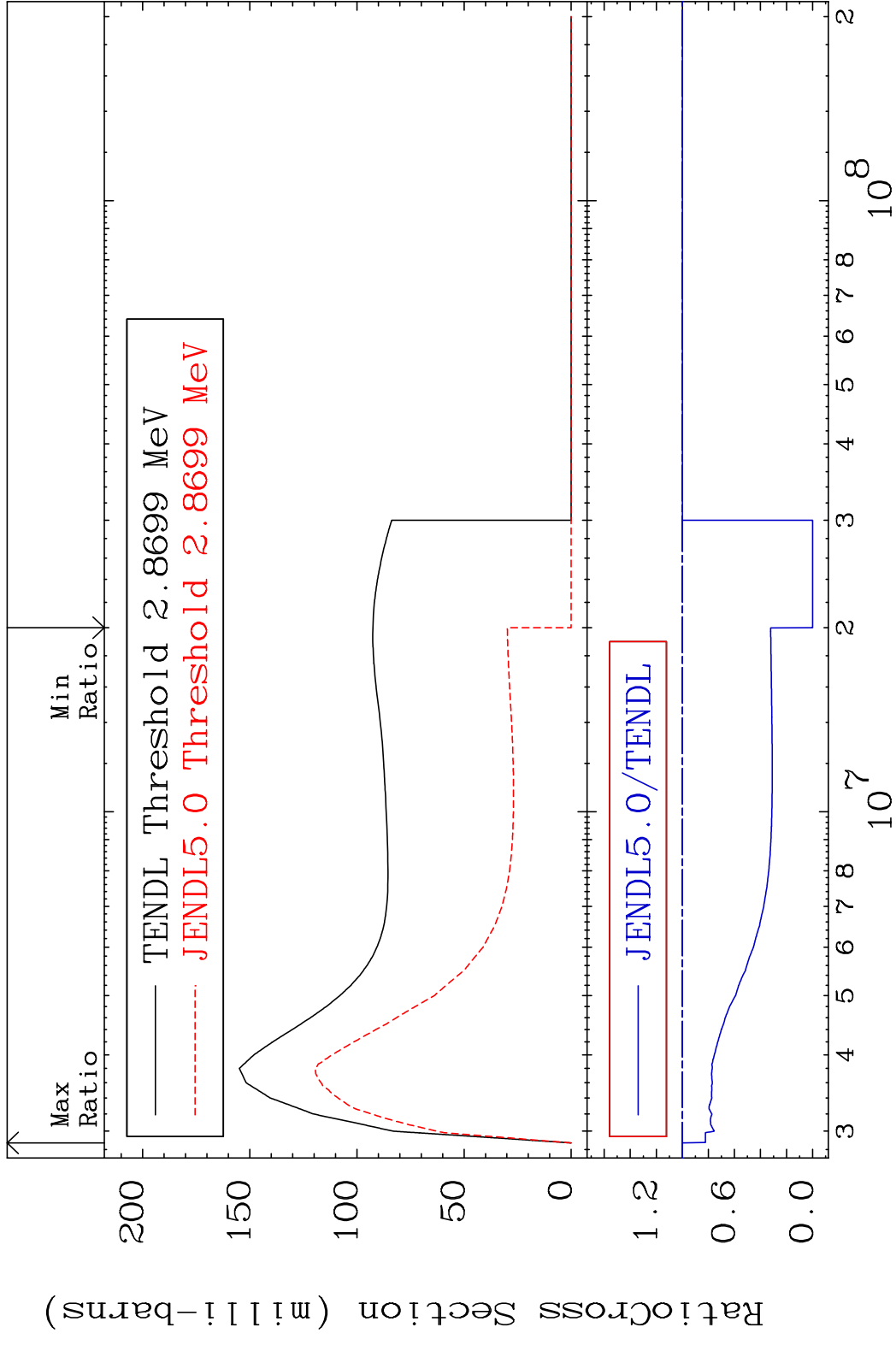
MAT 3031 MT= 57 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 139.0 %



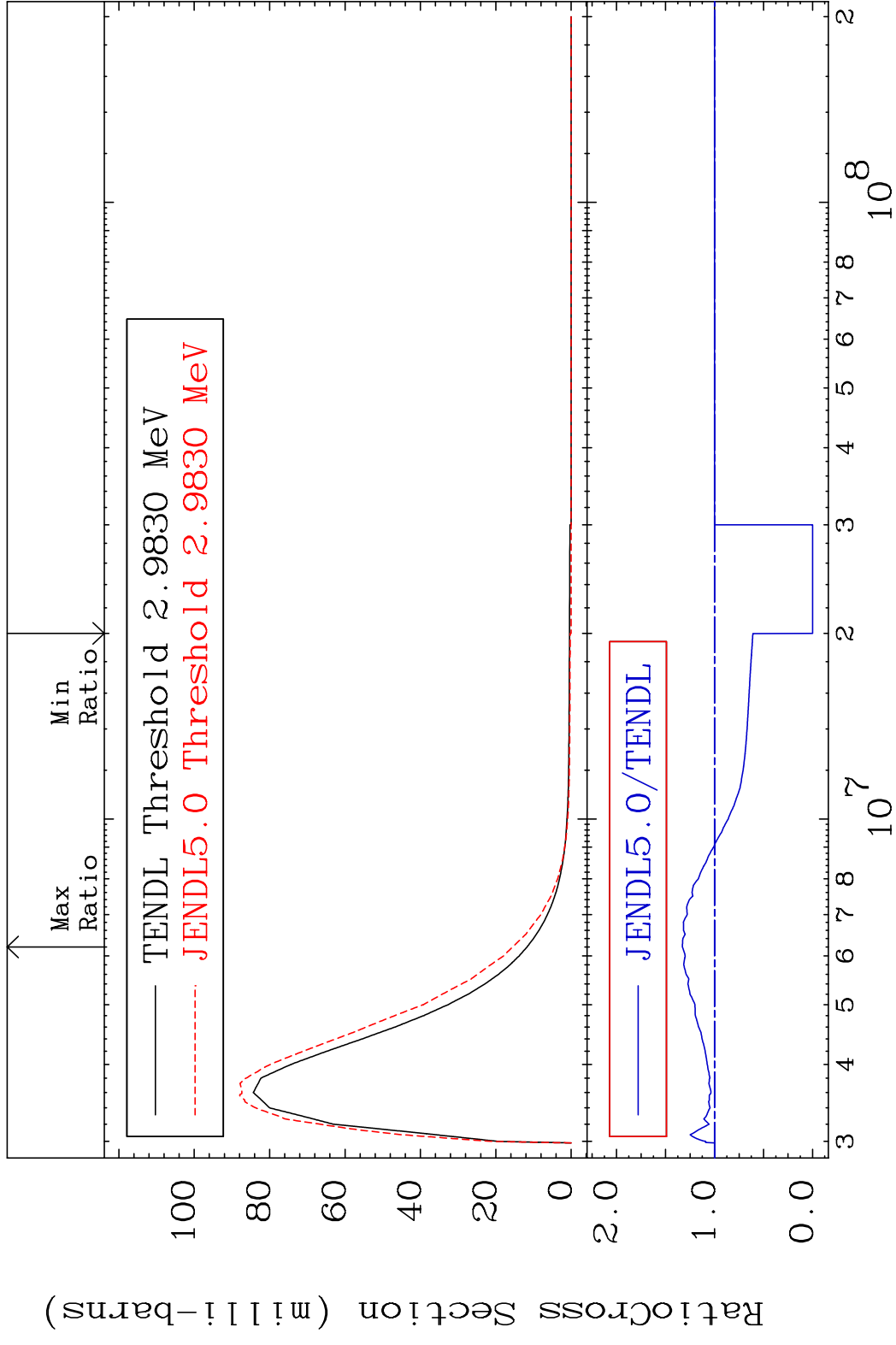
MAT 3031 MT= 58 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 126.7 %



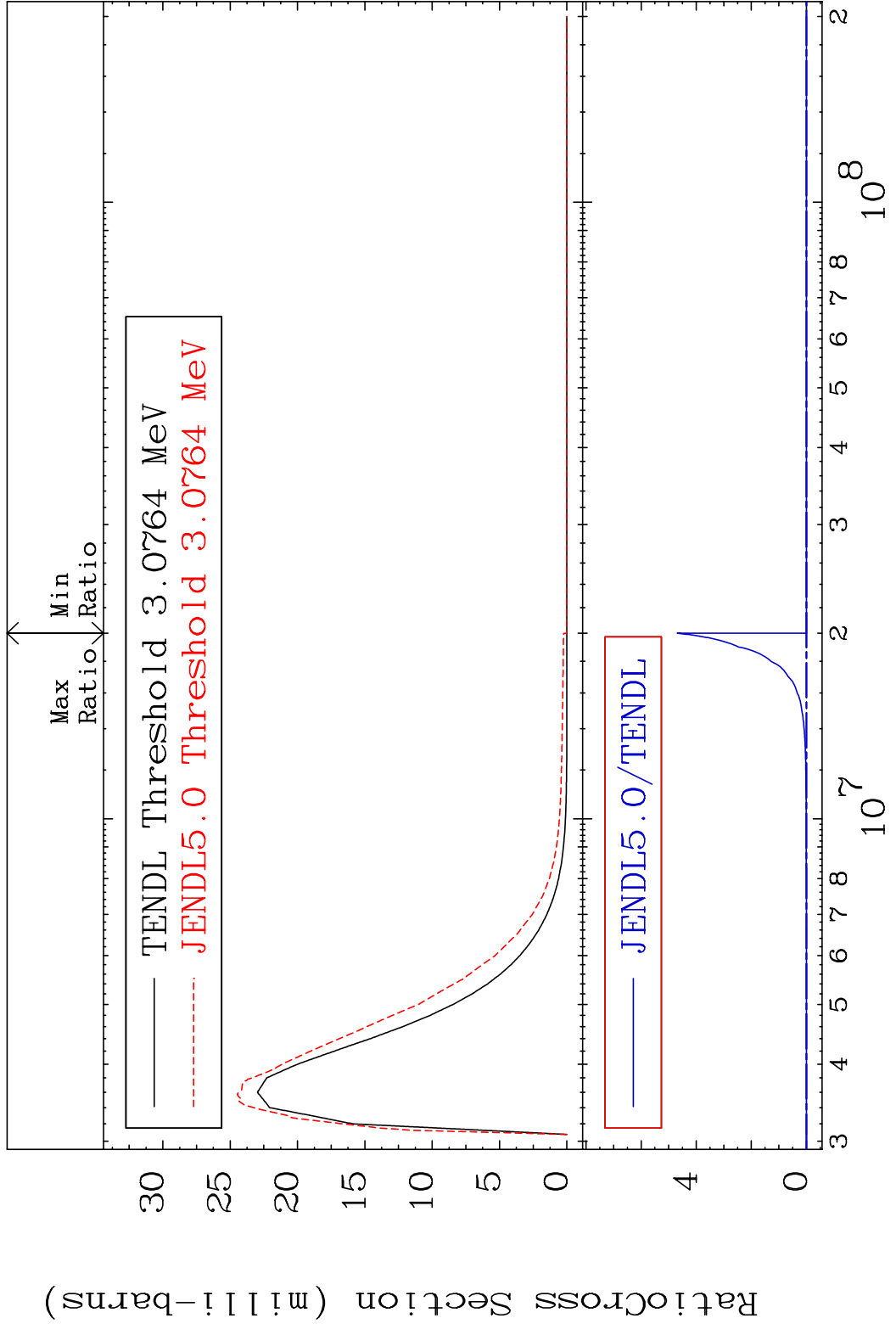
MAT 3031 MT= 59 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 0.000 %



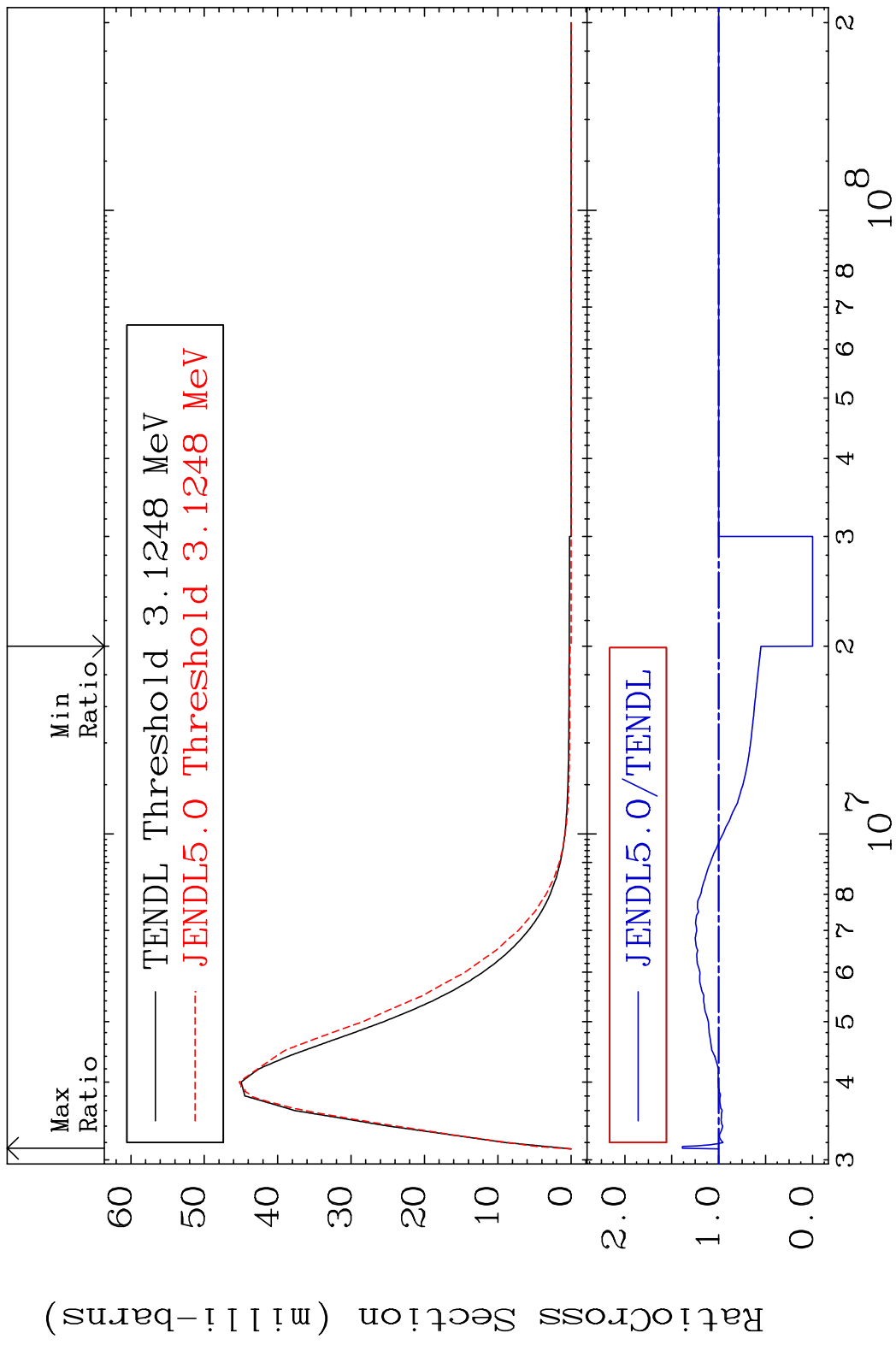
MAT 3031 MT= 60 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 32.87 %



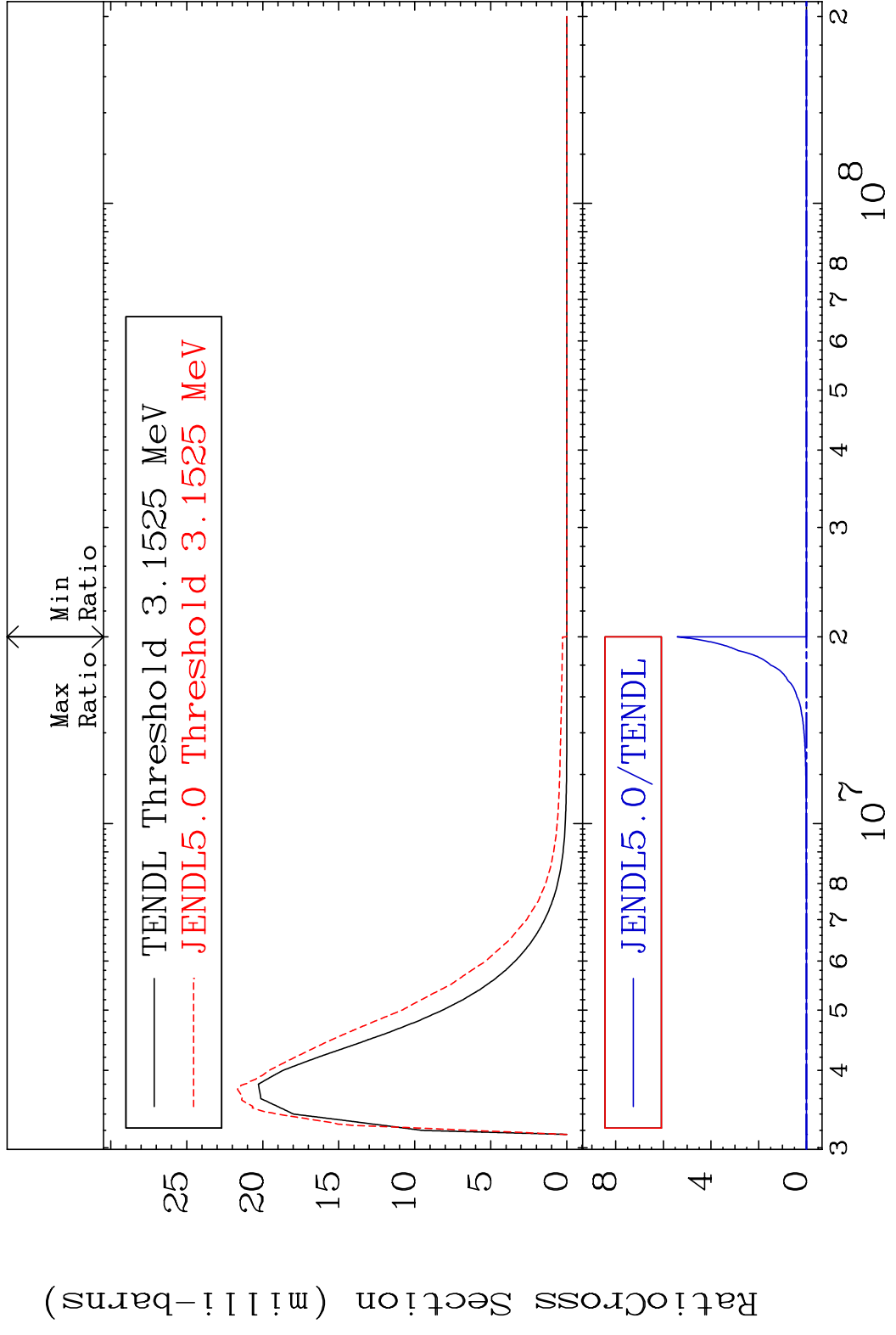
MAT 3031 MT= 61 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 9999. %



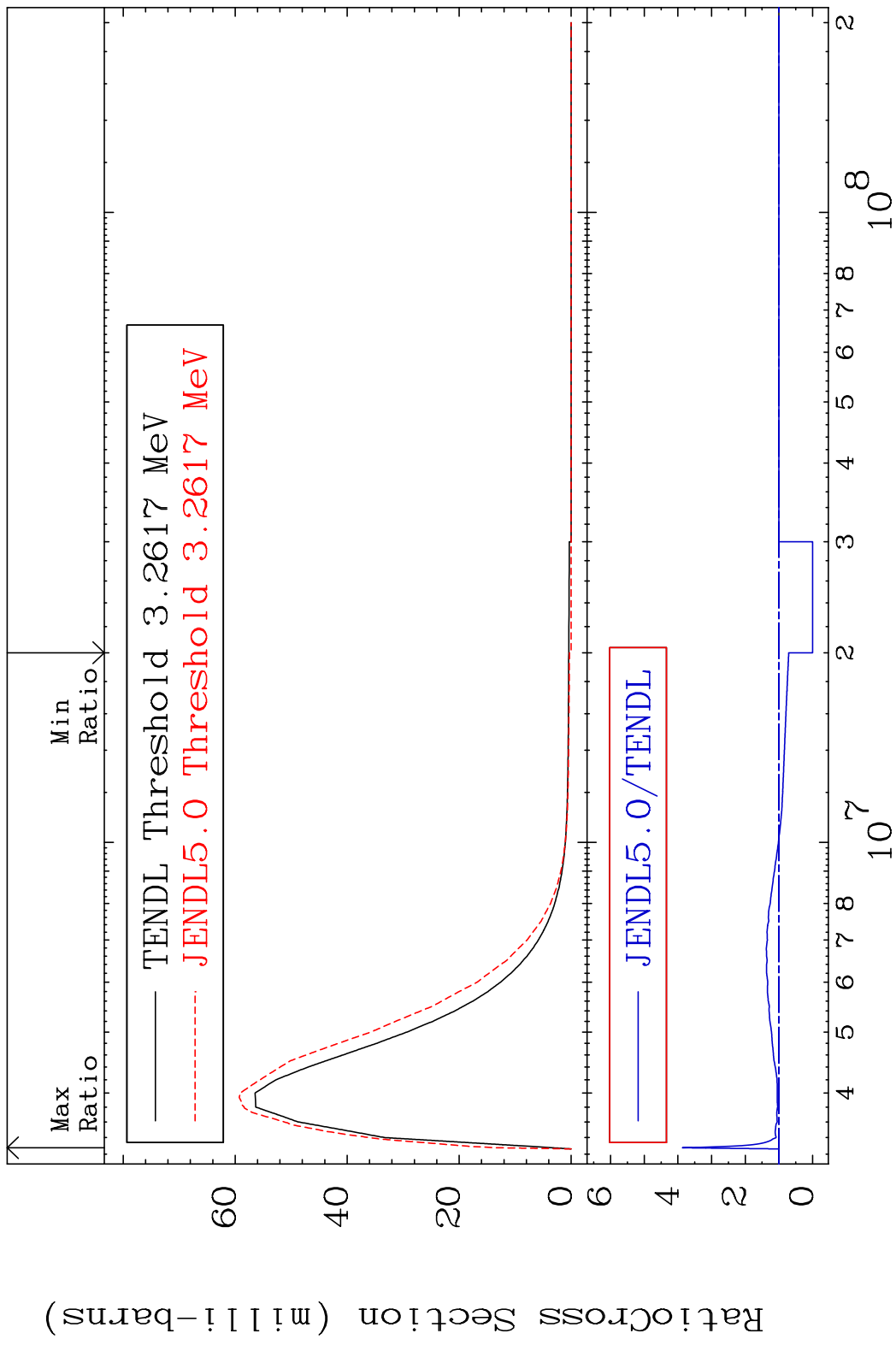
MAT 3031 MT= 62 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 38.72 %



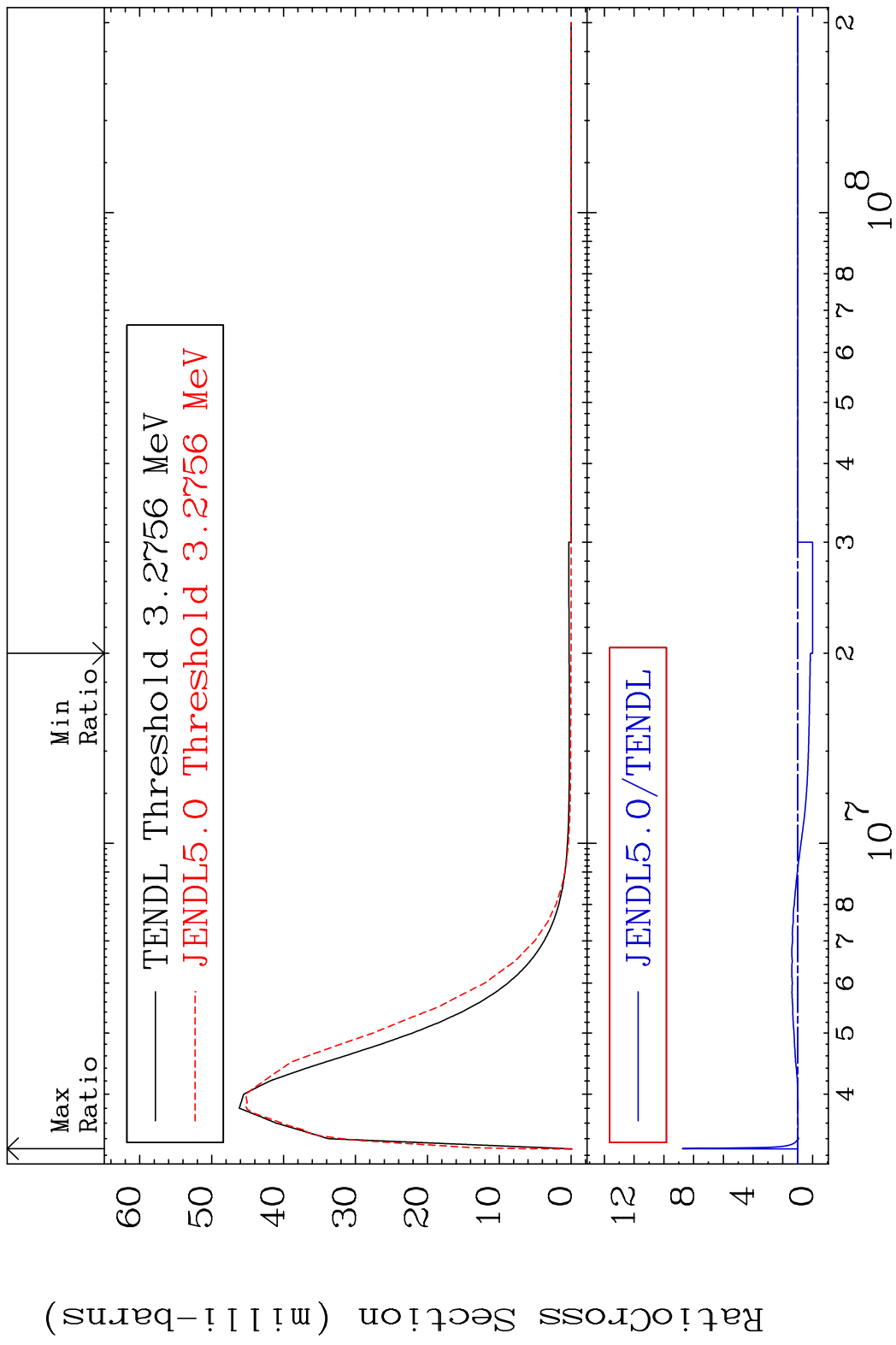
MAT 3031 MT= 63 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 9999. %



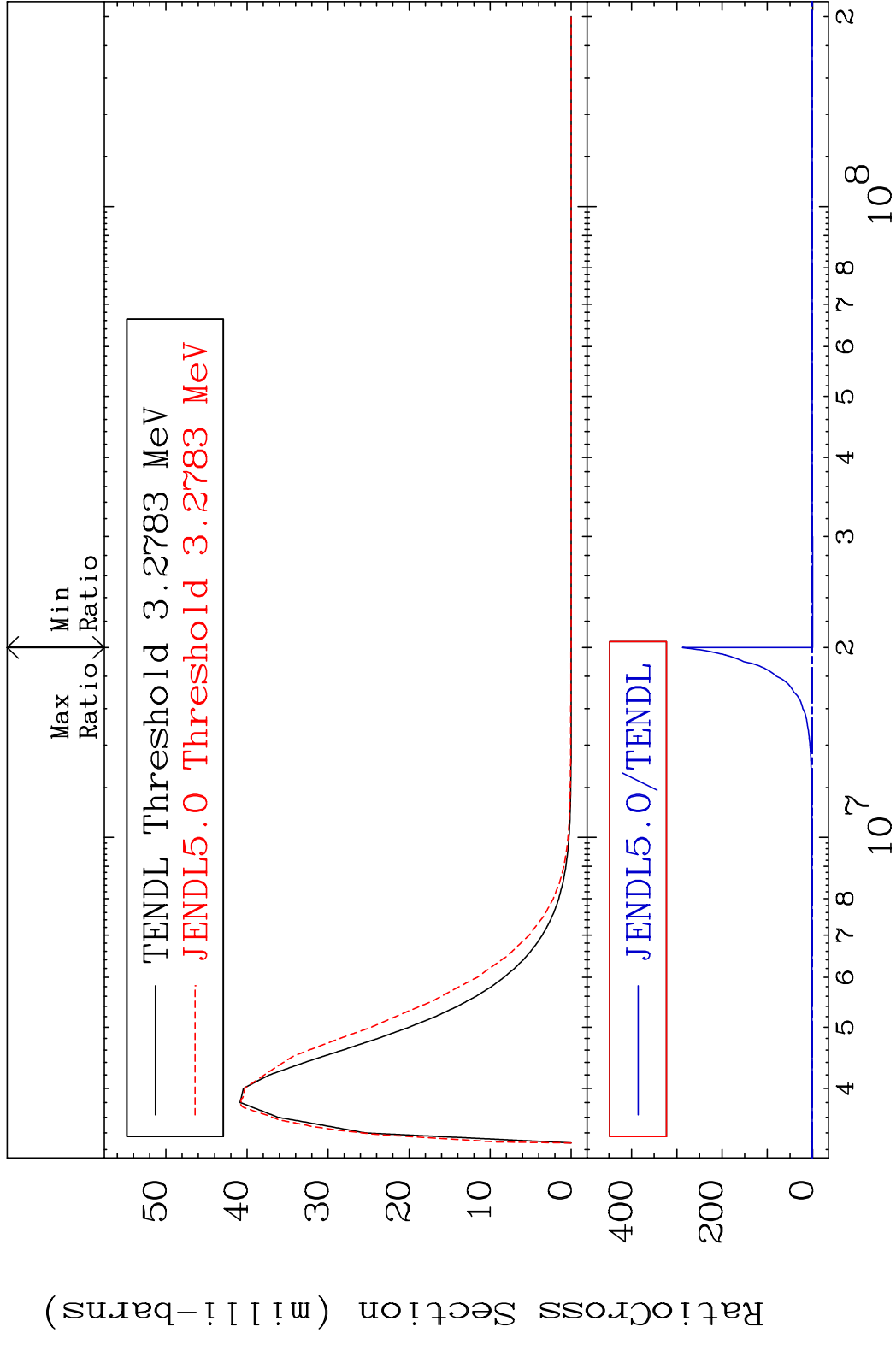
MAT 3031 MT= 64 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 286.8 %



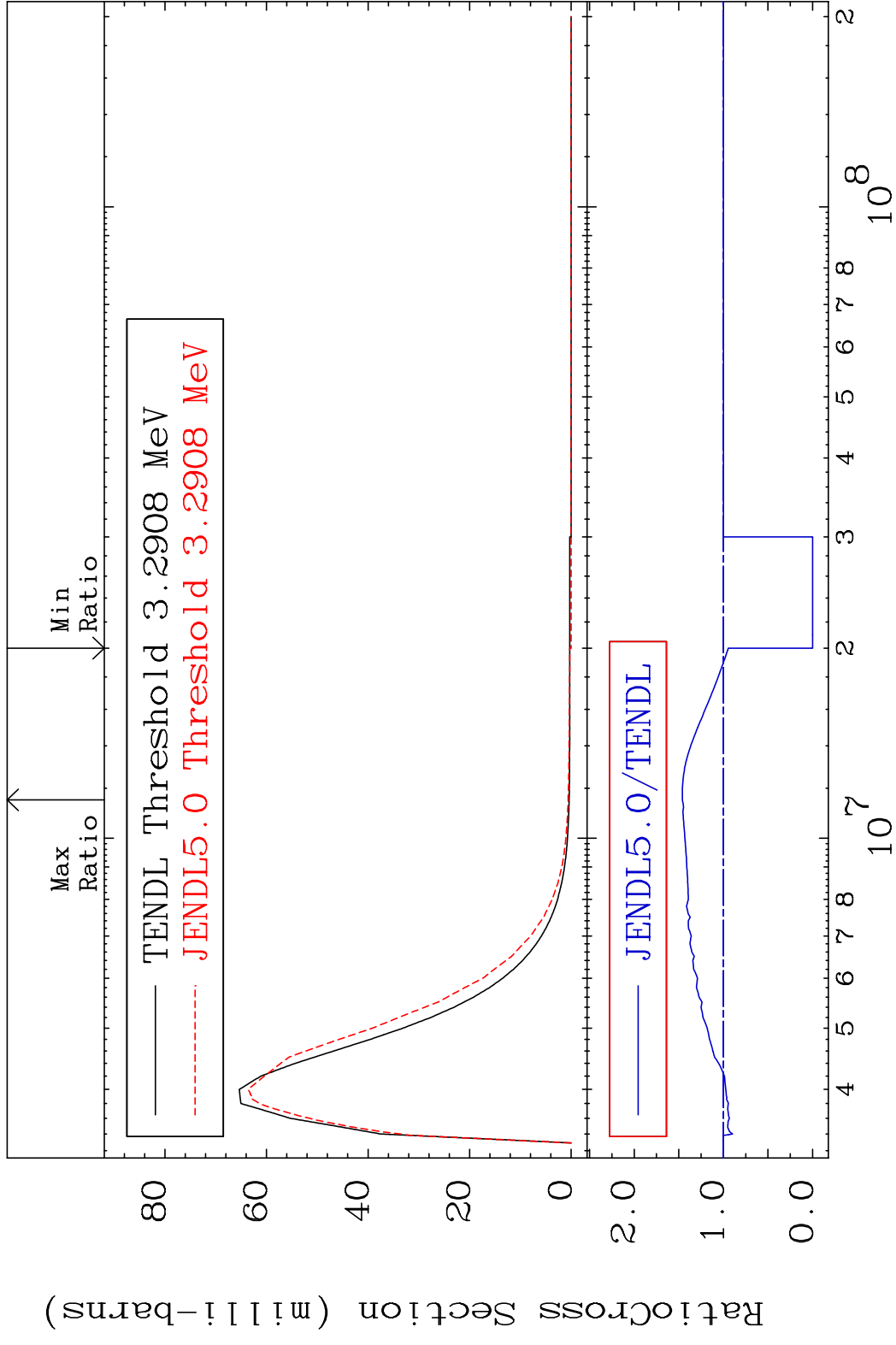
MAT 3031 MT= 65 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 775.7 %



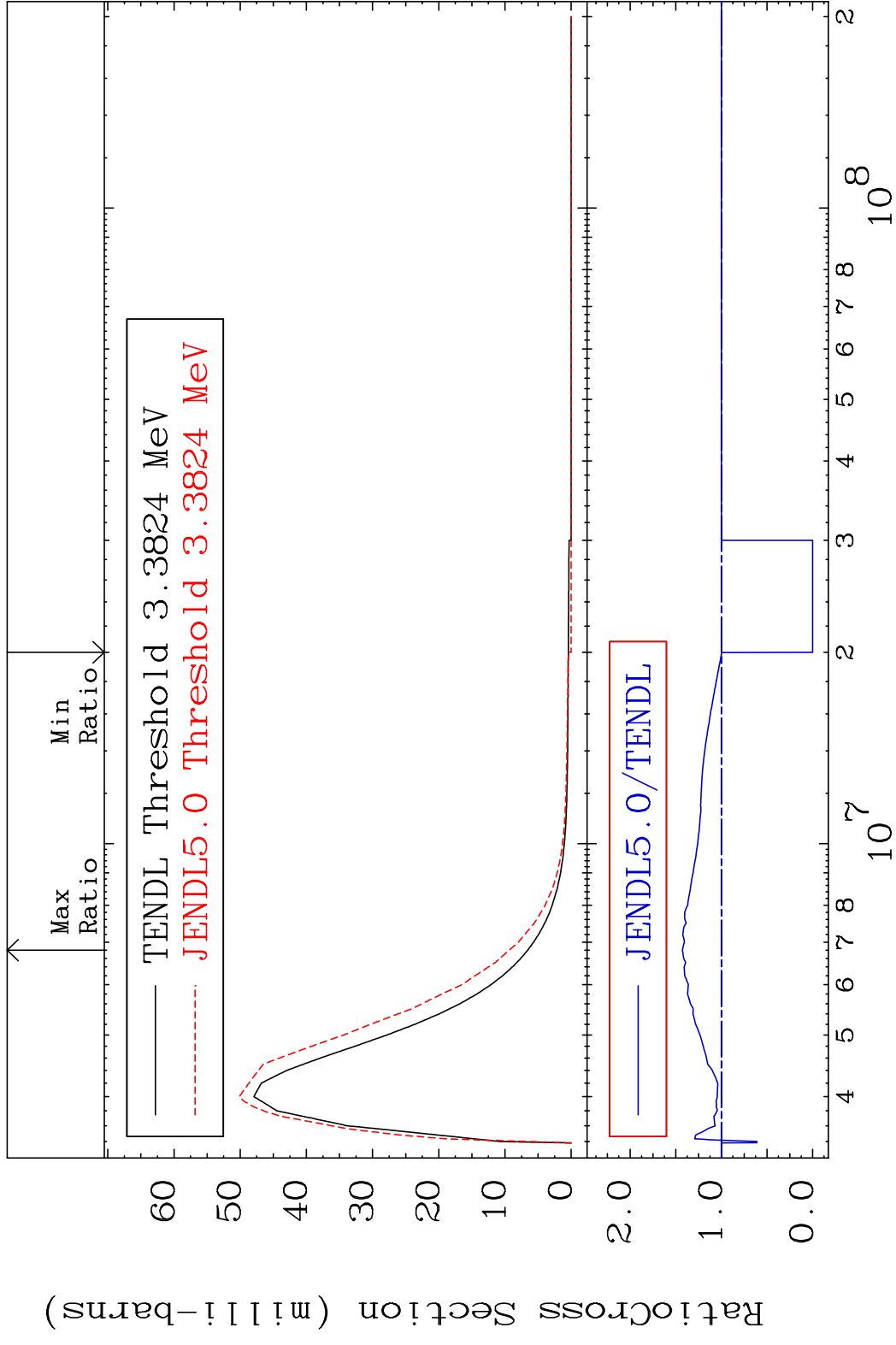
MAT 3031 MT= 66 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 9999. %



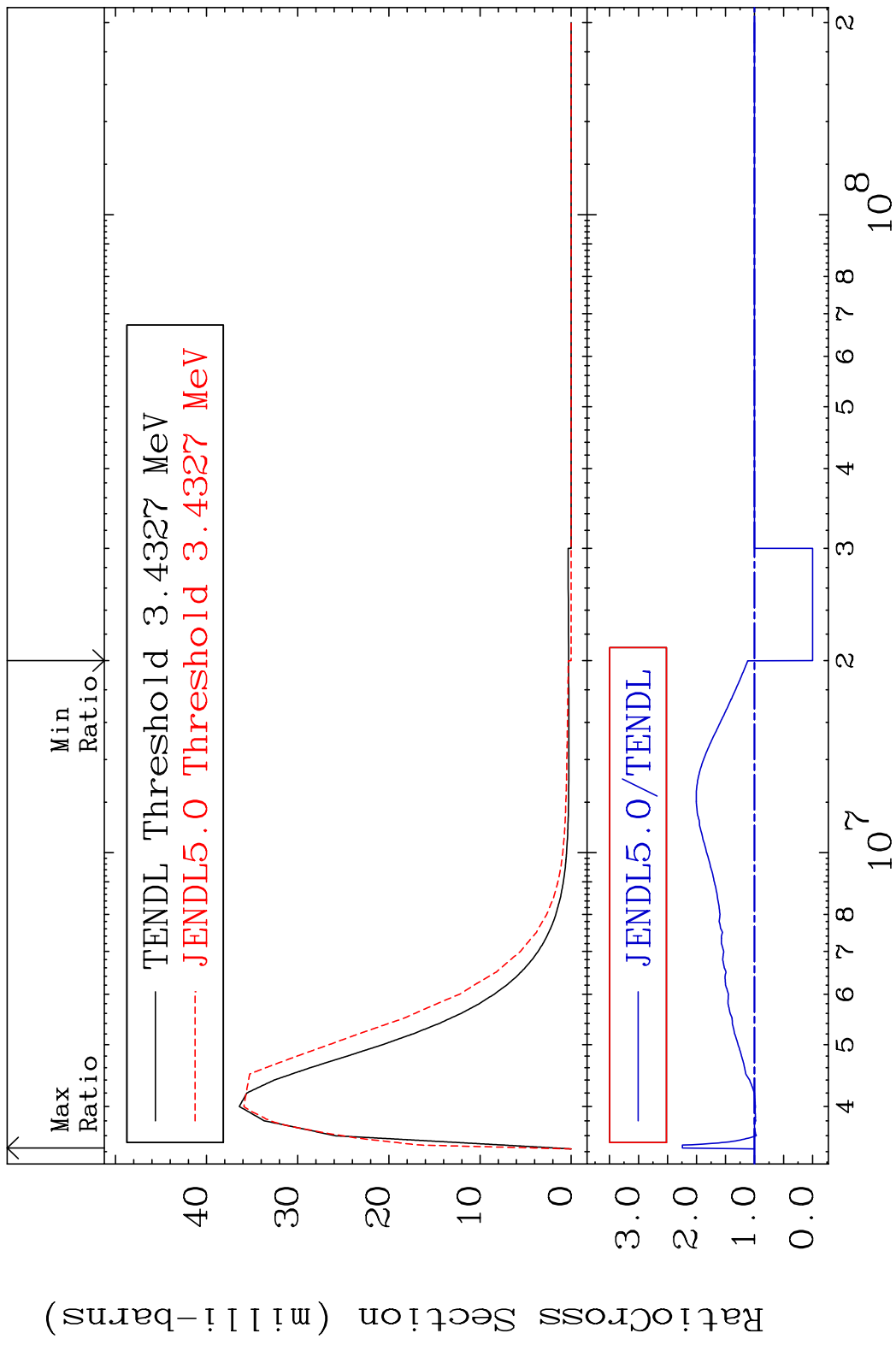
MAT 3031 MT= 67 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 46.00 %



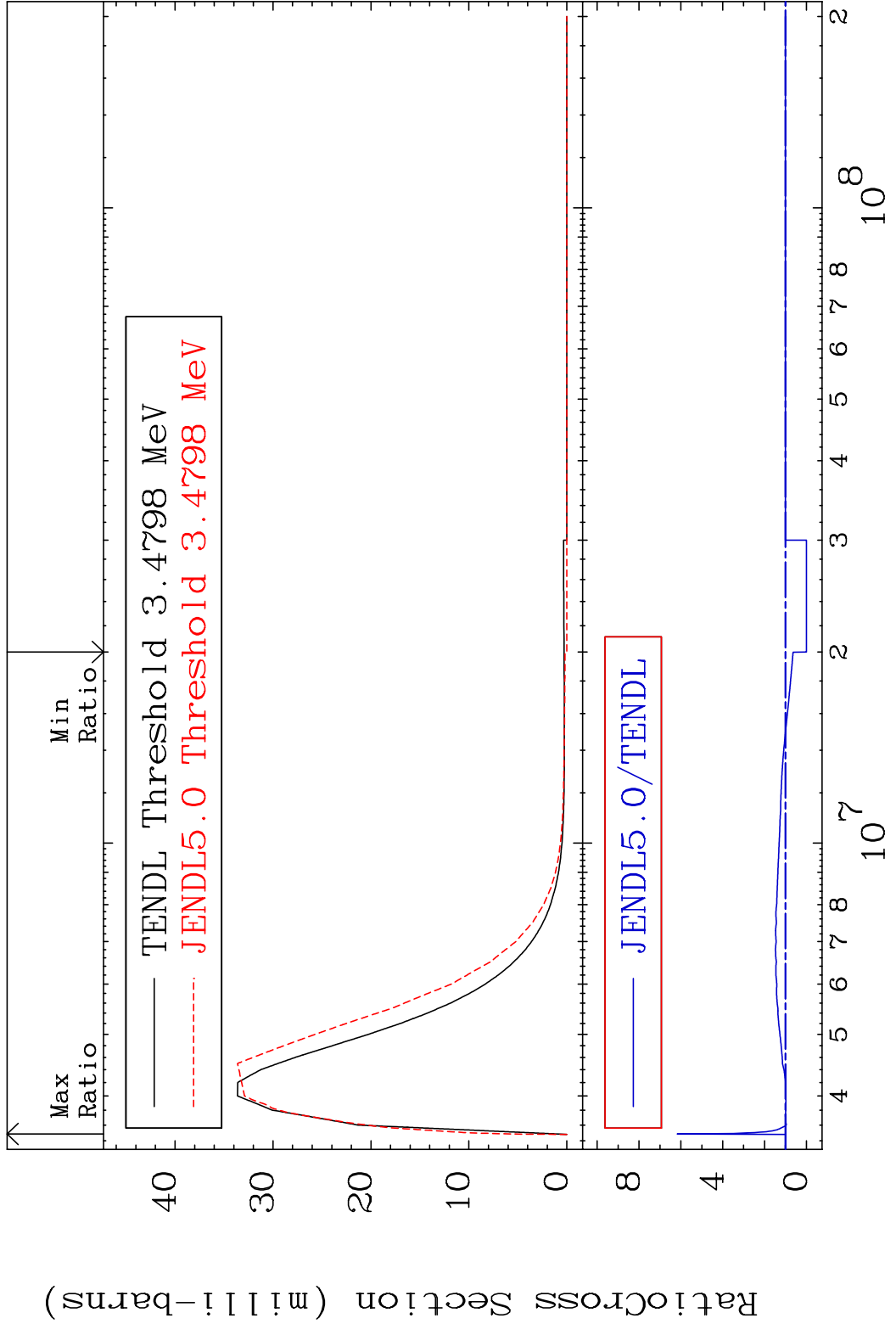
MAT 3031 MT= 68 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 42.82 %



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



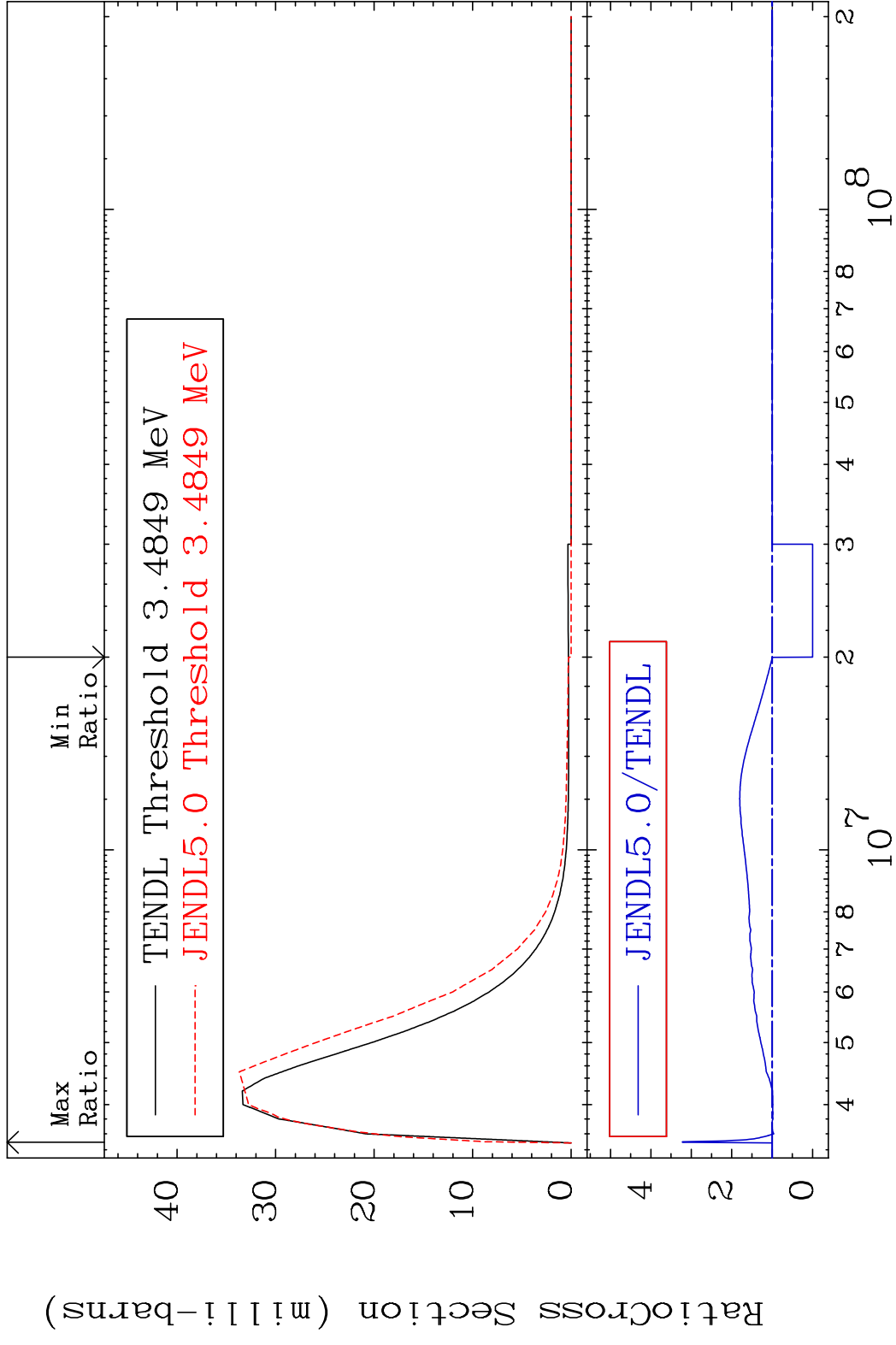
MAT 3031 MT= 70 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 517.7 %



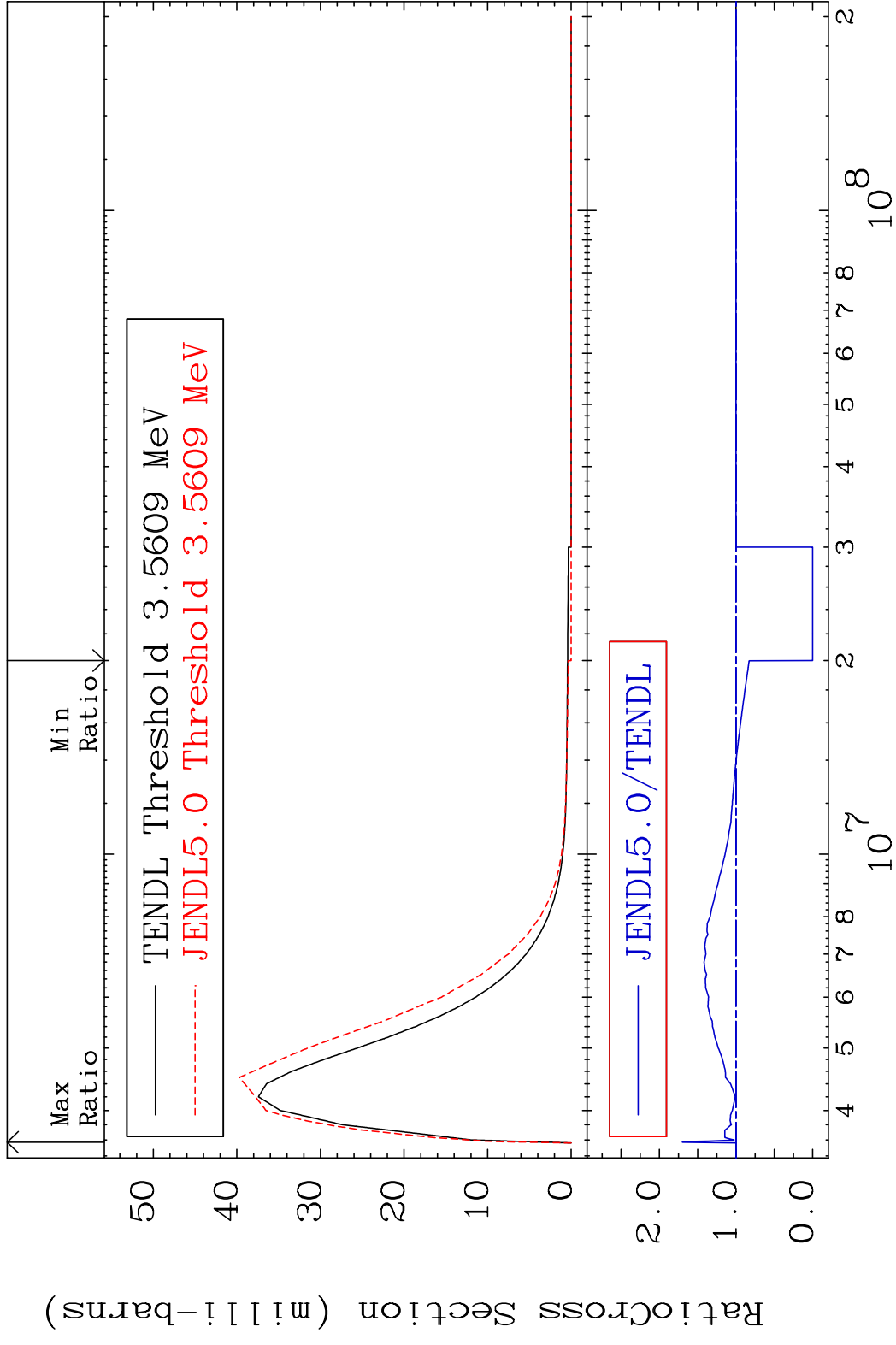
30

Incident Energy (eV) 30-Zn-66

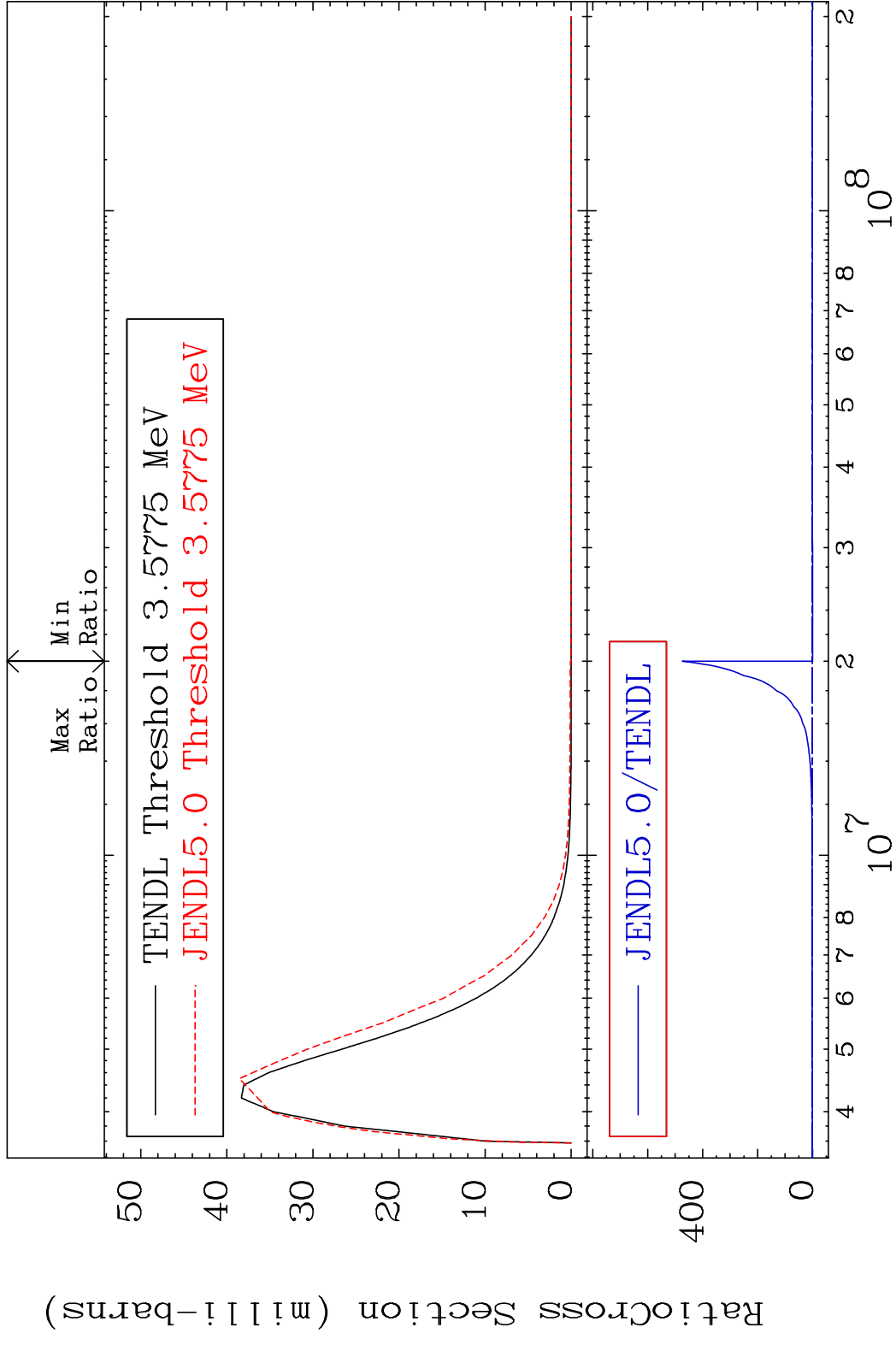
MAT 3031 MT= 71 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 222.1 %



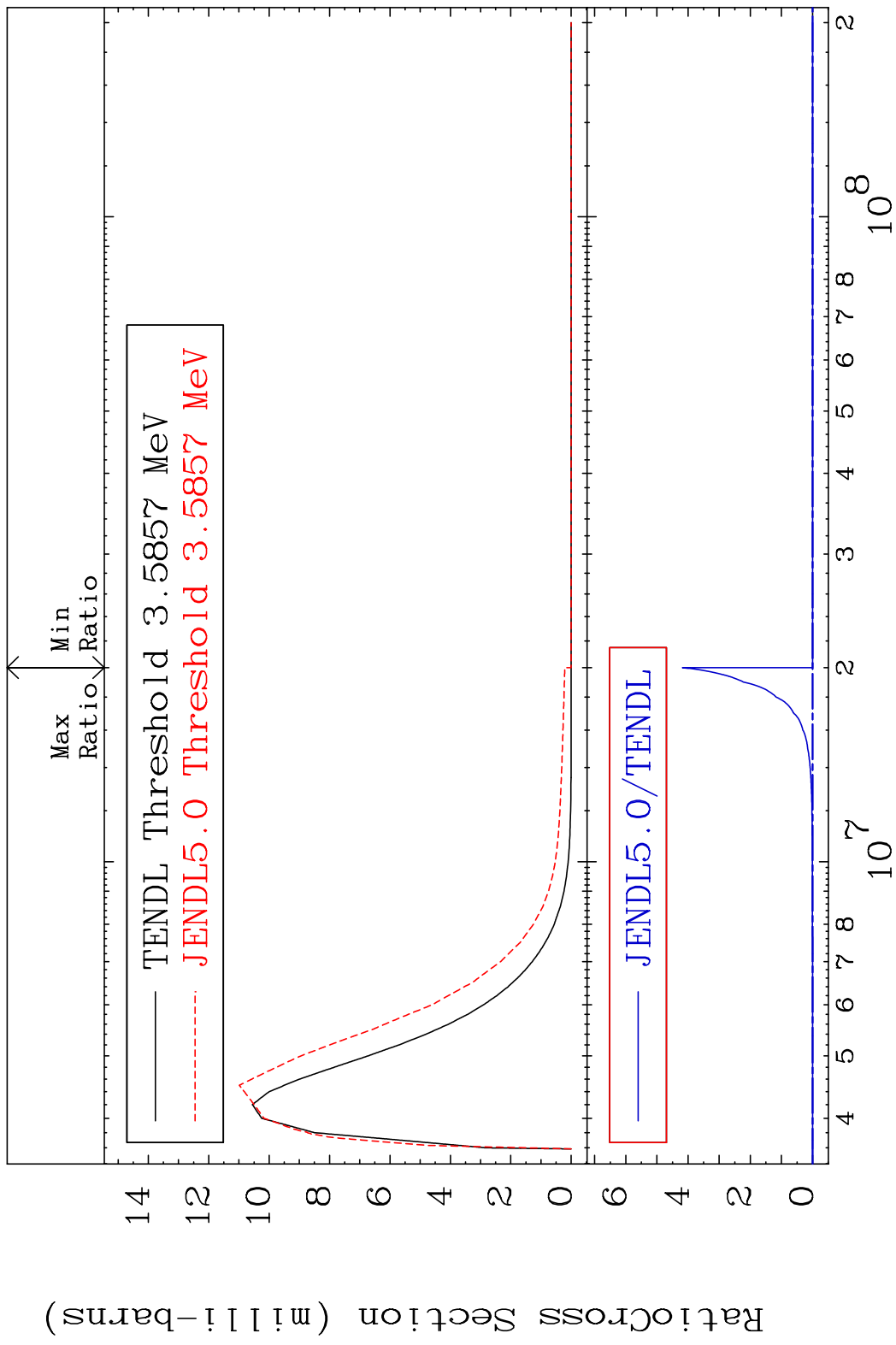
MAT 3031 MT= 72 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 70.05 %



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

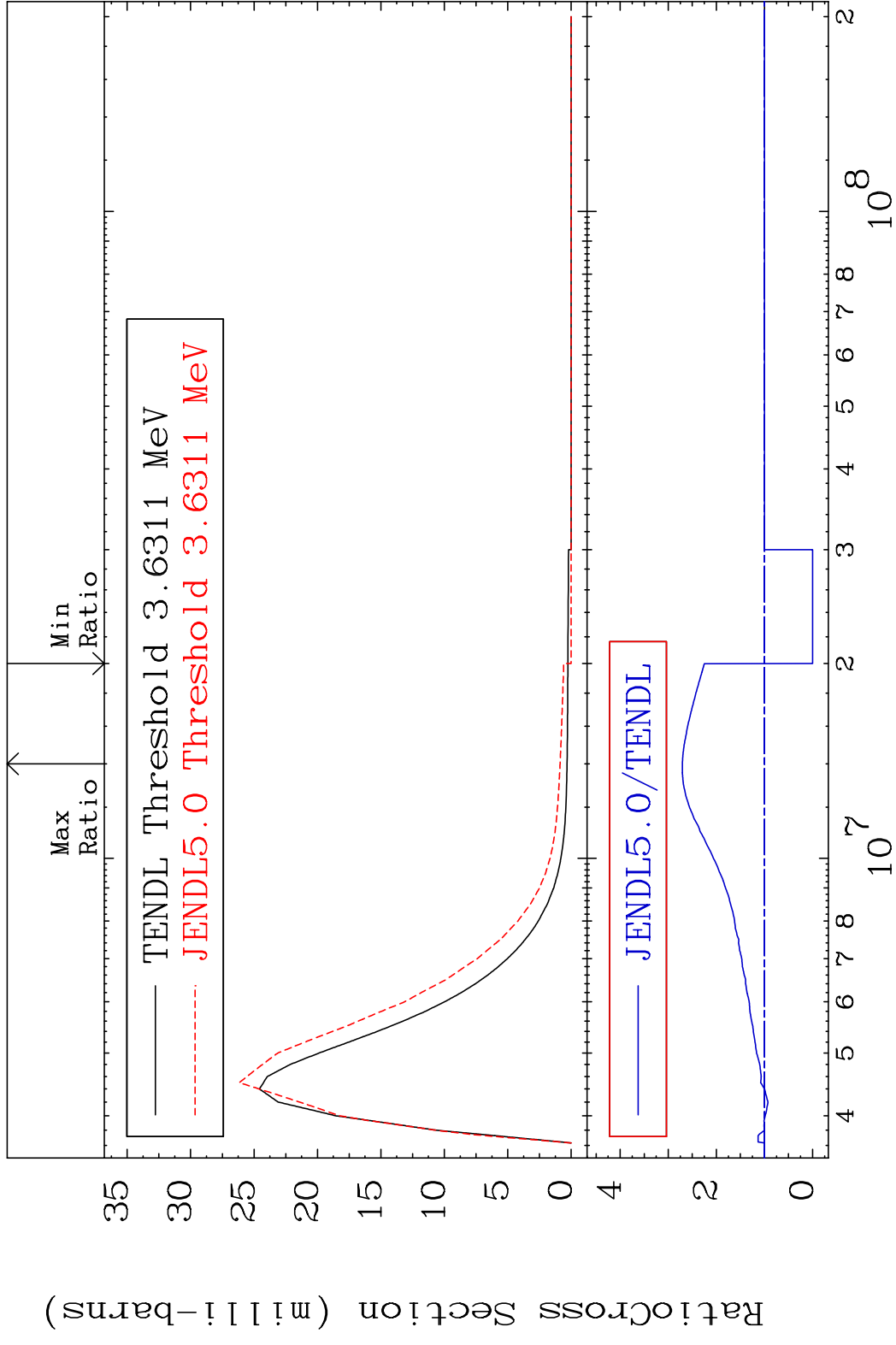


MAT 3031 MT= 74 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 9999. %

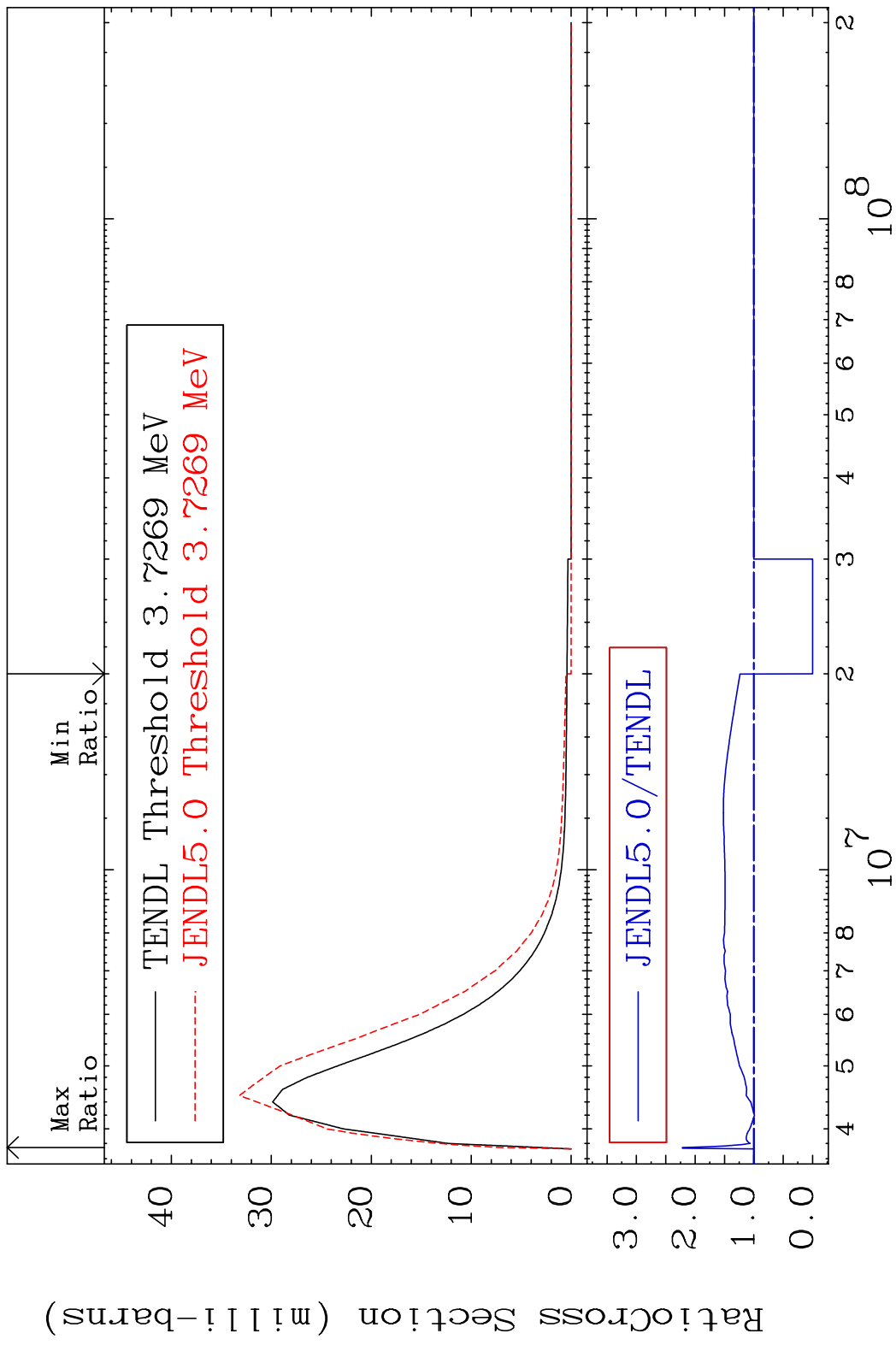


34 Incident Energy (eV) 30-Zn-66

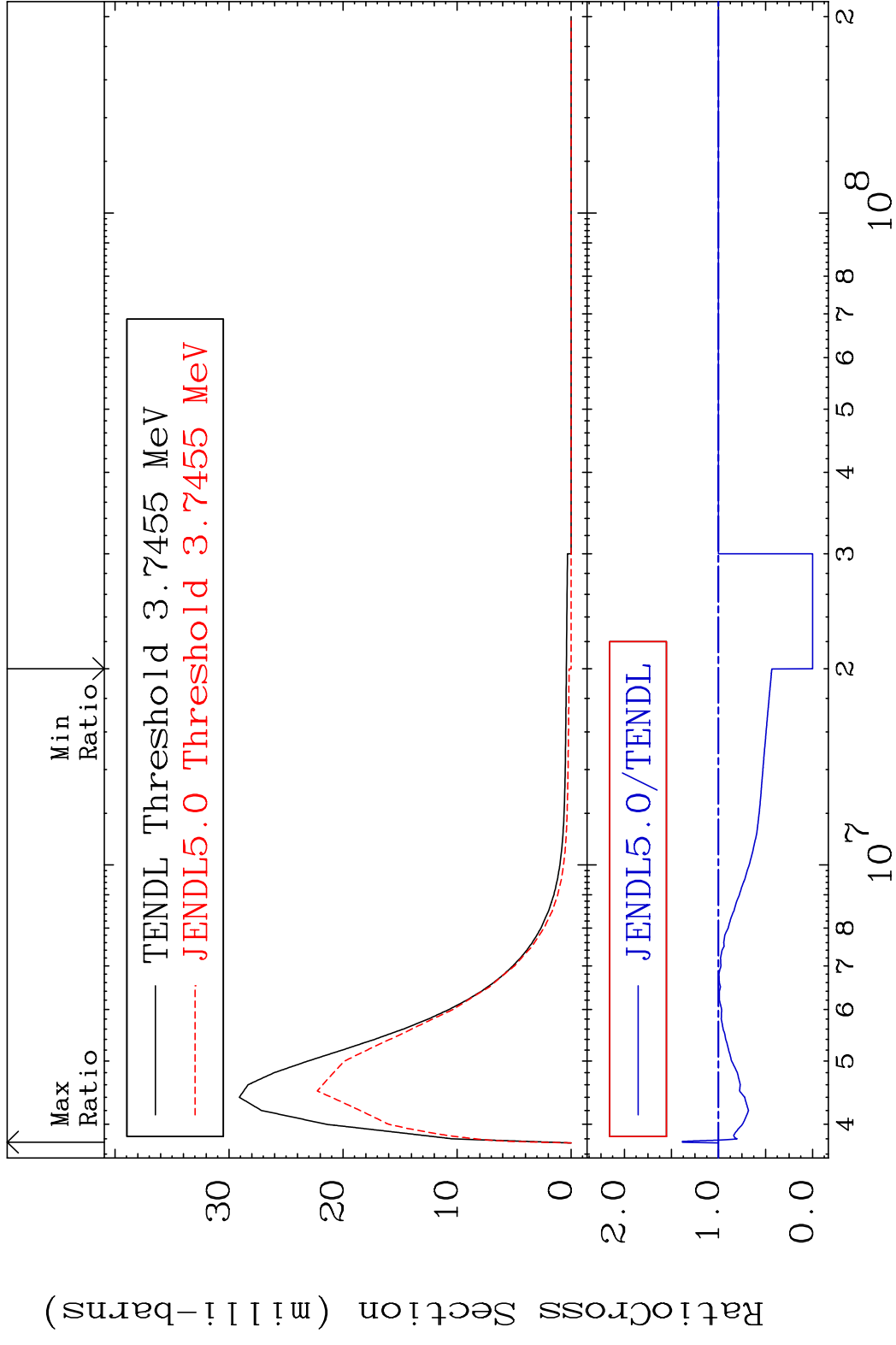
MAT 3031 MT= 75 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 170.7 %



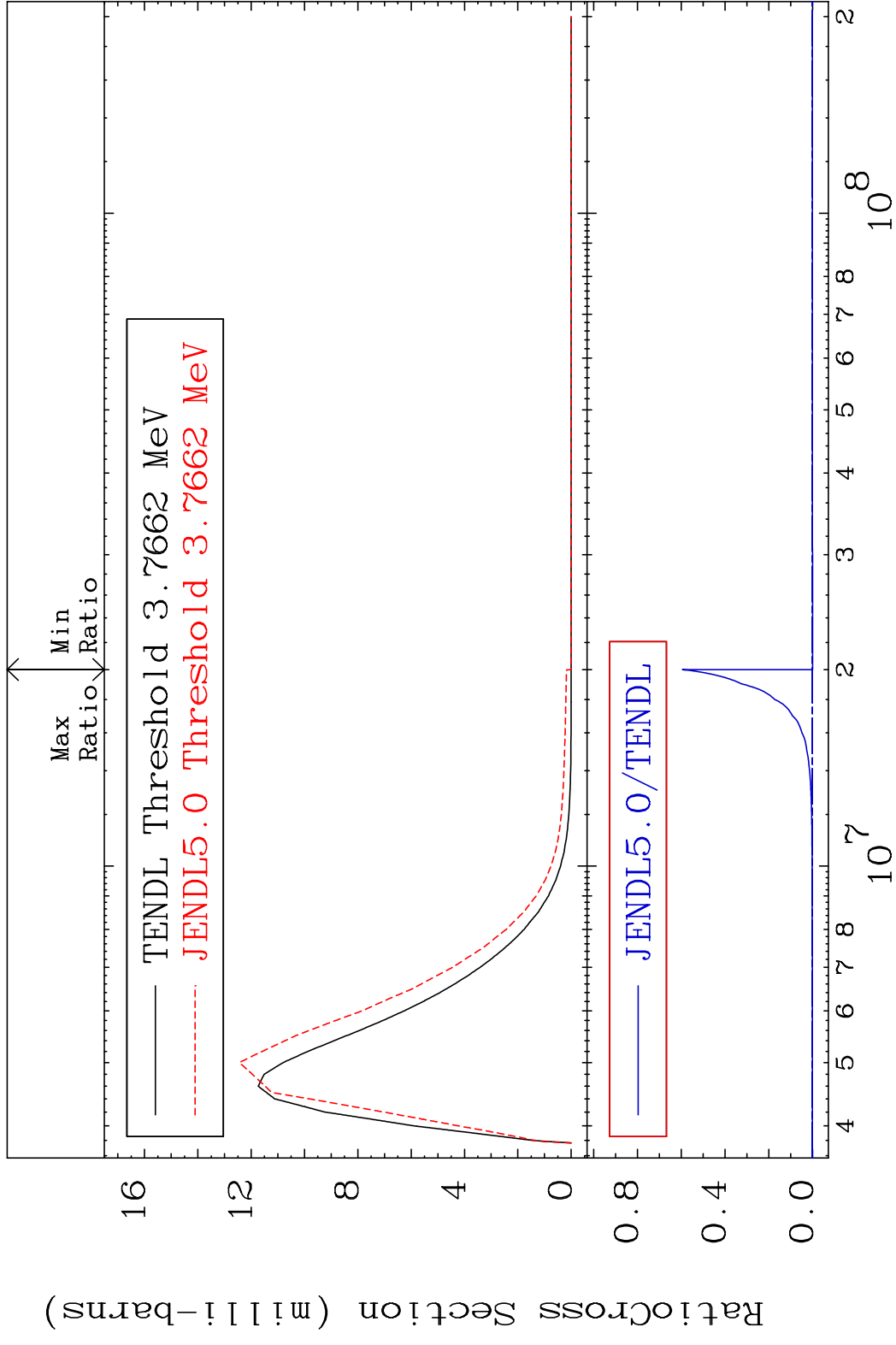
MAT 3031 MT= 76 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 121.8 %



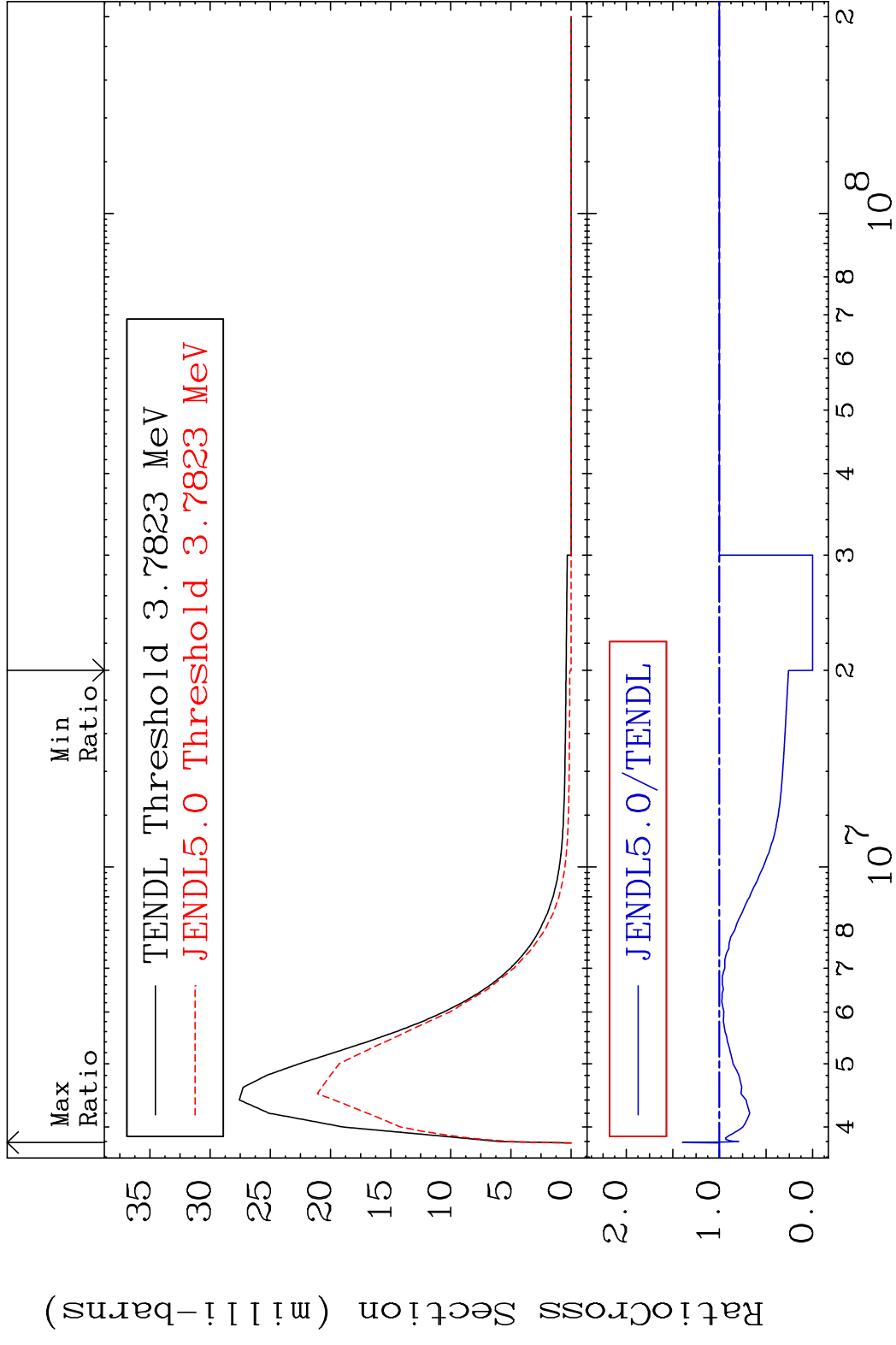
MAT 3031 MT= 77 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 38.39 %



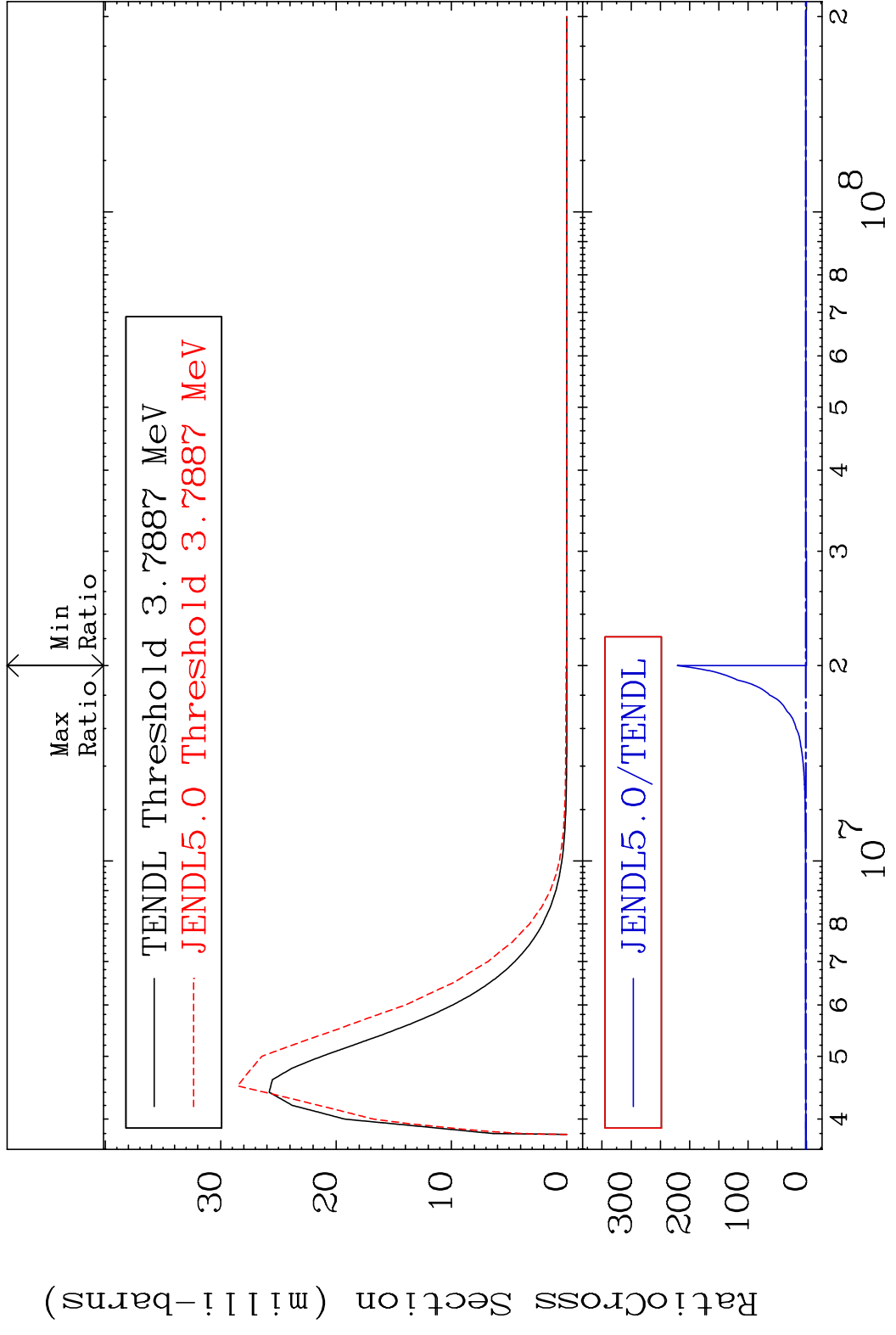
MAT 3031 MT= 78 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 9999. %



MAT 3031 MT= 79 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 39.80 %



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



40

Incident Energy (eV)

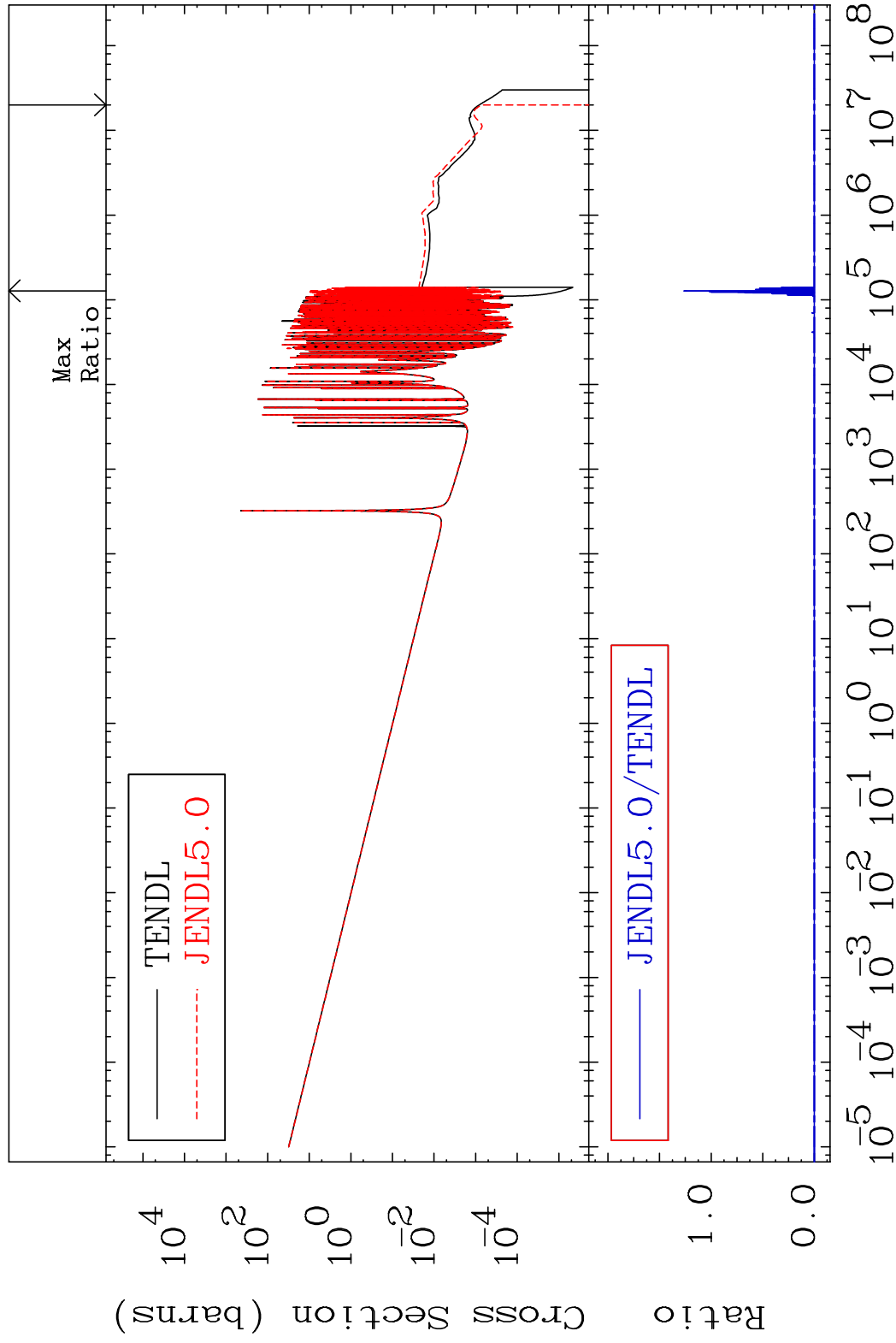
30-Zn-66

MAT 3031

(n, γ)

30-Zn-66

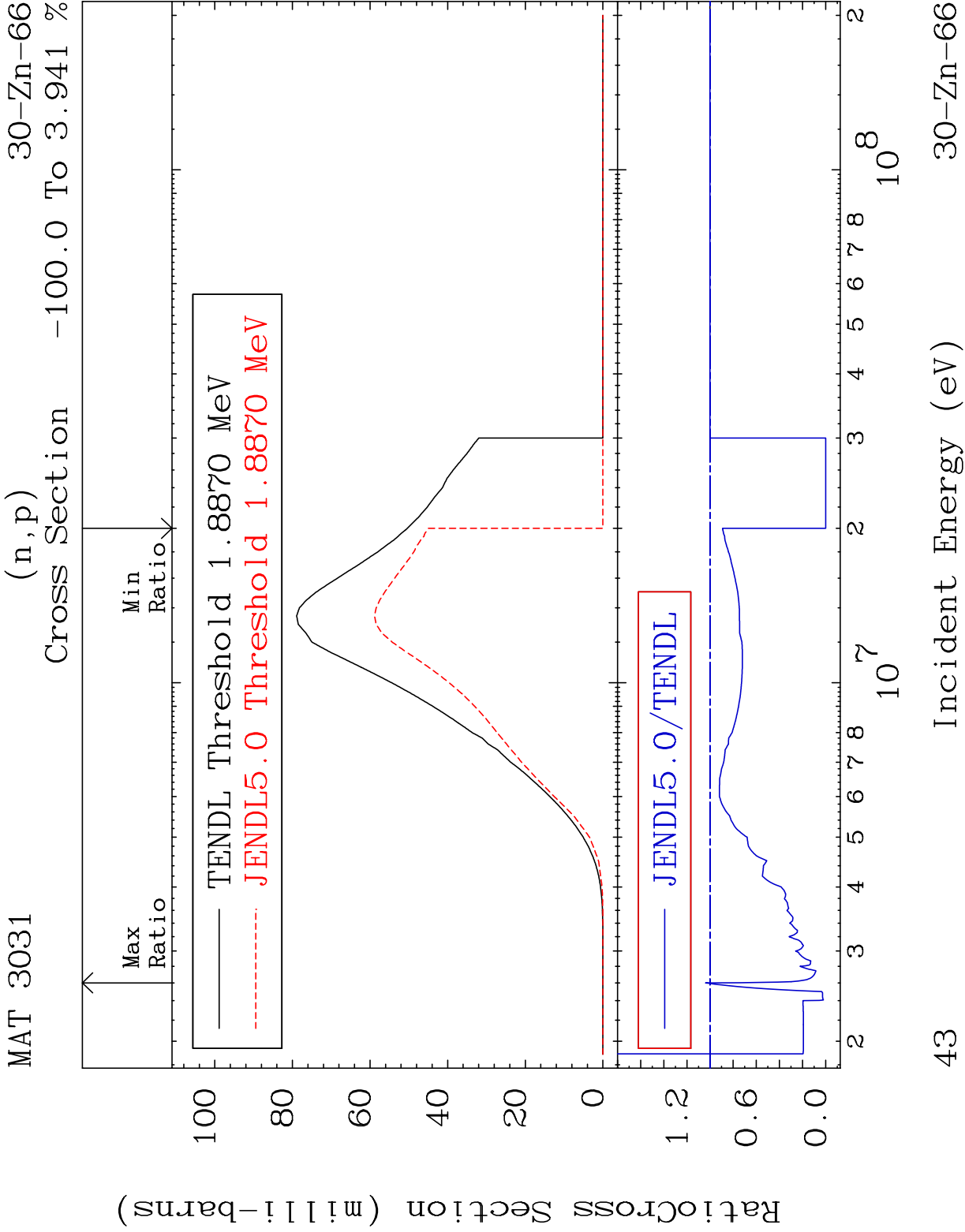
Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

30-Zn-66

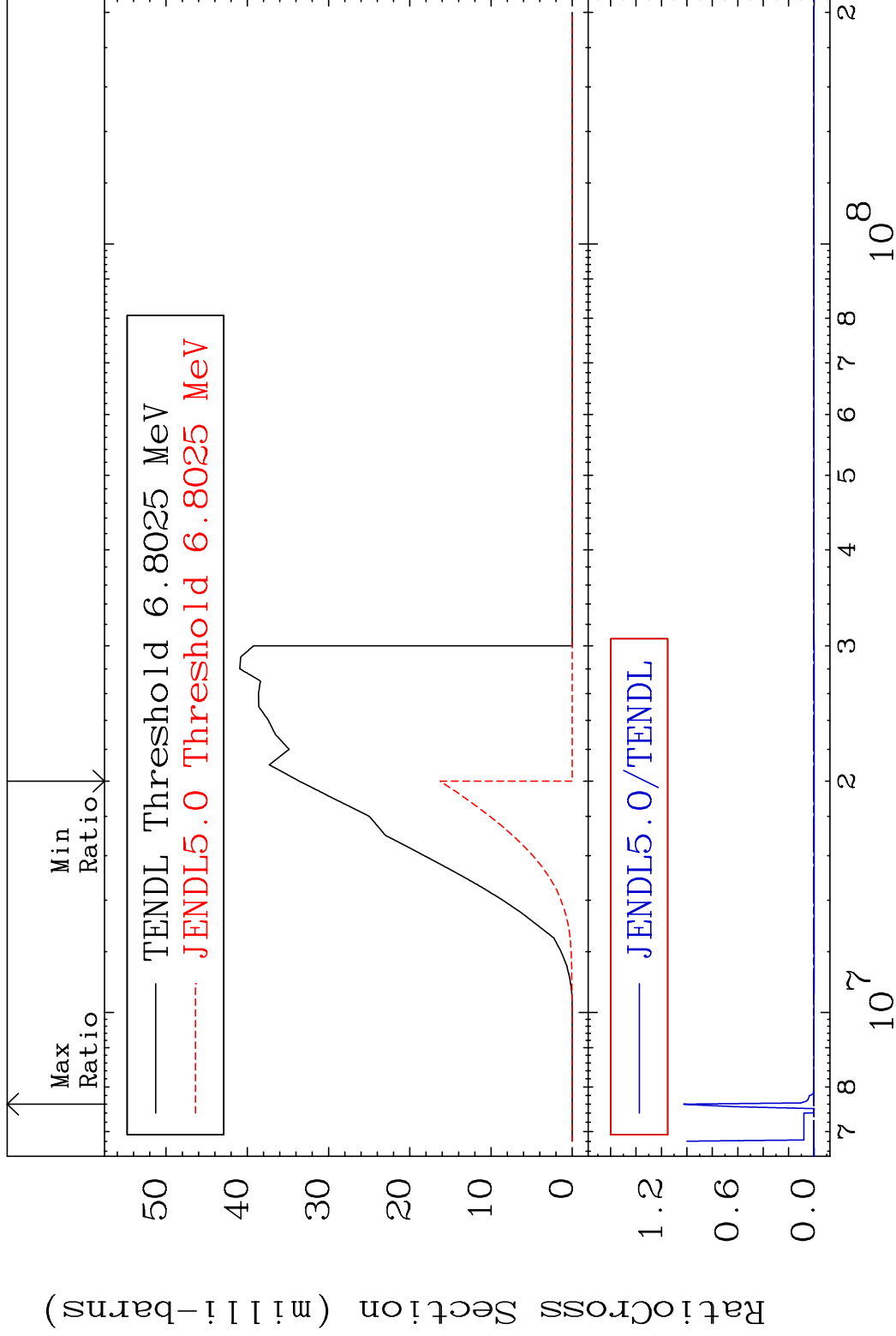


MAT 3031

(n,d)

30-Zn-66

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

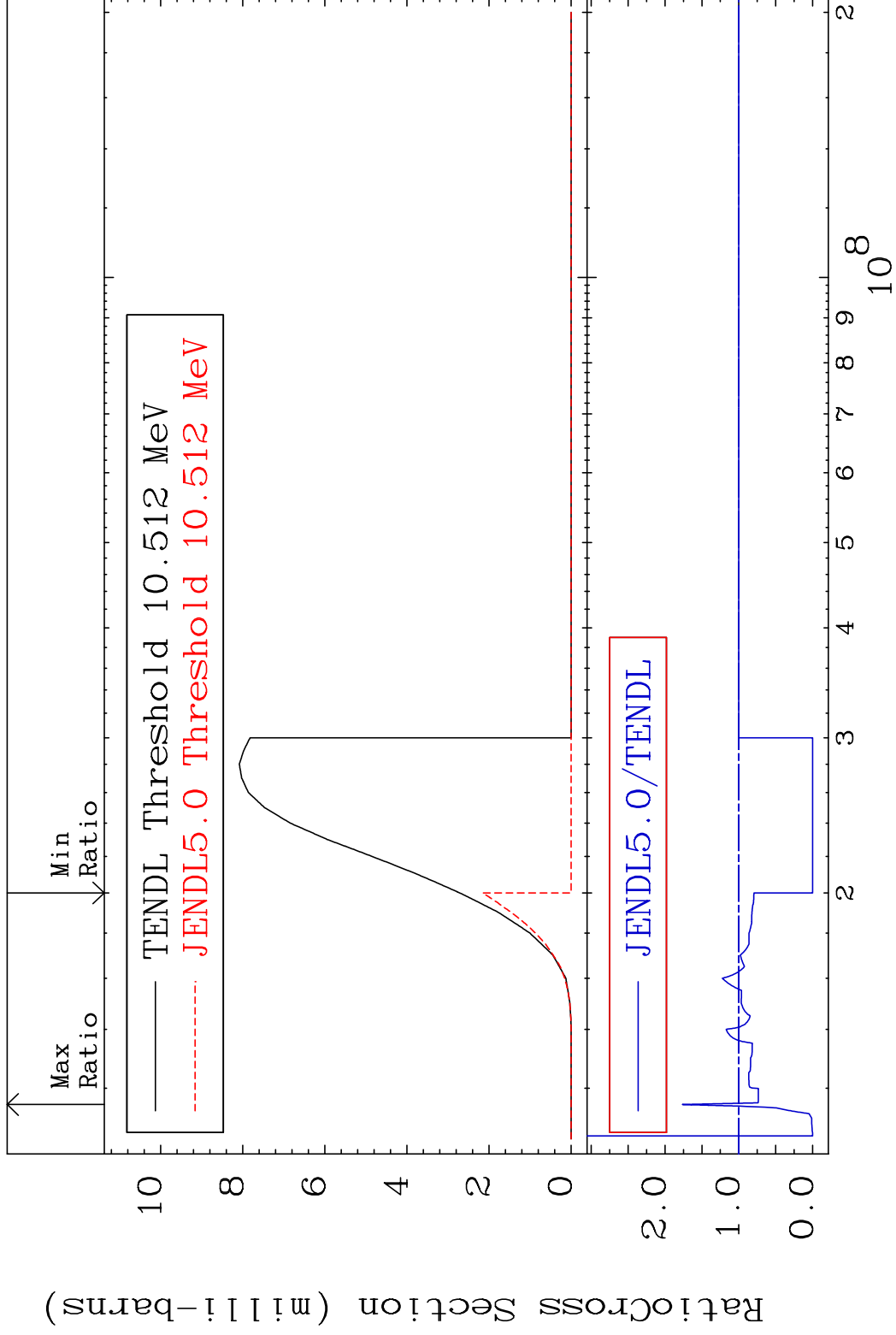
30-Zn-66

MAT 3031

(n, t)

30-Zn-66

Cross Section -100.0 To 76.49 %



45

Incident Energy (eV)

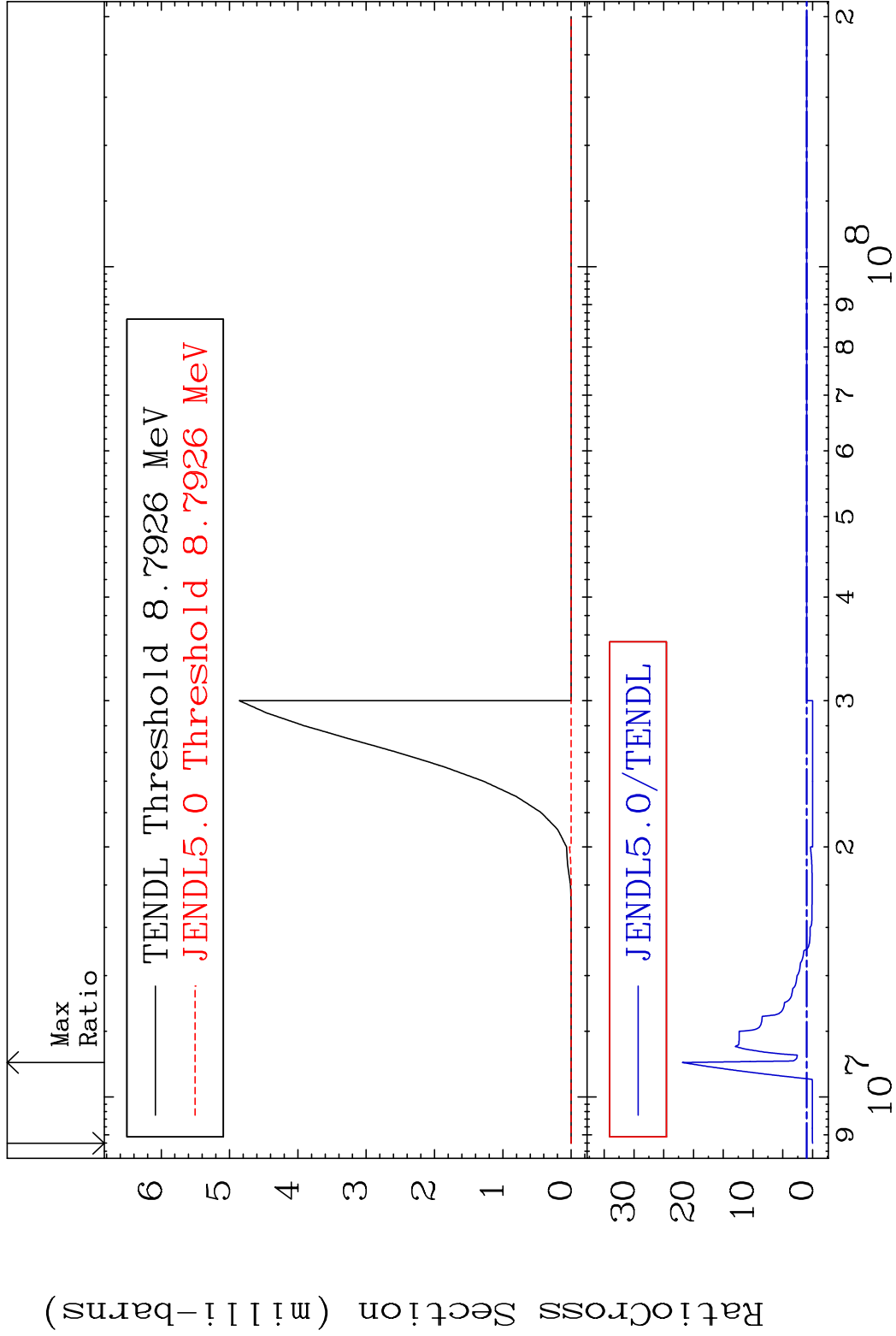
30-Zn-66

MAT 3031

(n, He-3)

30-Zn-66

Cross Section -100.0 To 2087. %



46

Incident Energy (eV)

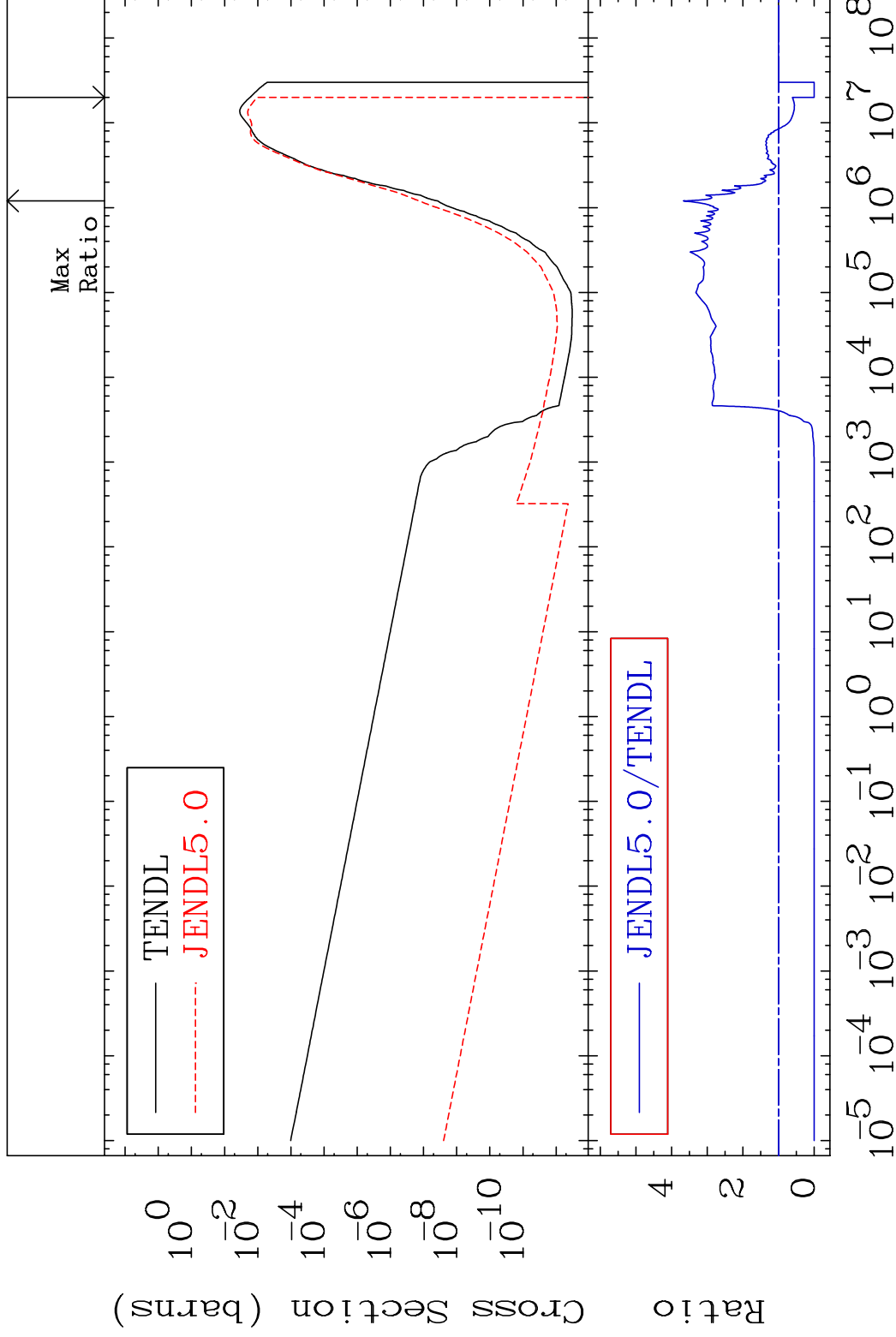
30-Zn-66

MAT 3031

(n, α)

30-Zn-66

Cross Section -100.0 To 266.0 %

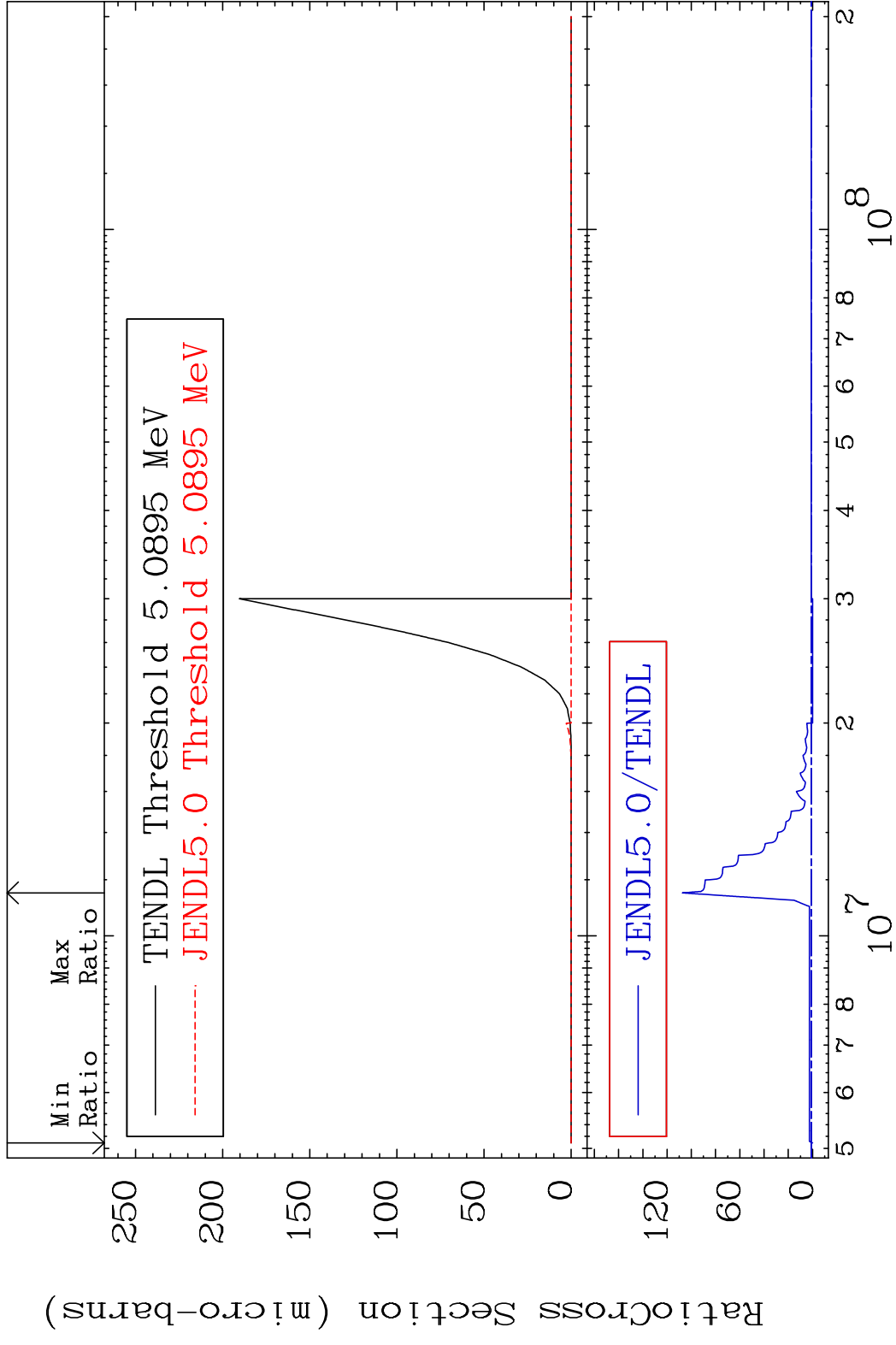


47

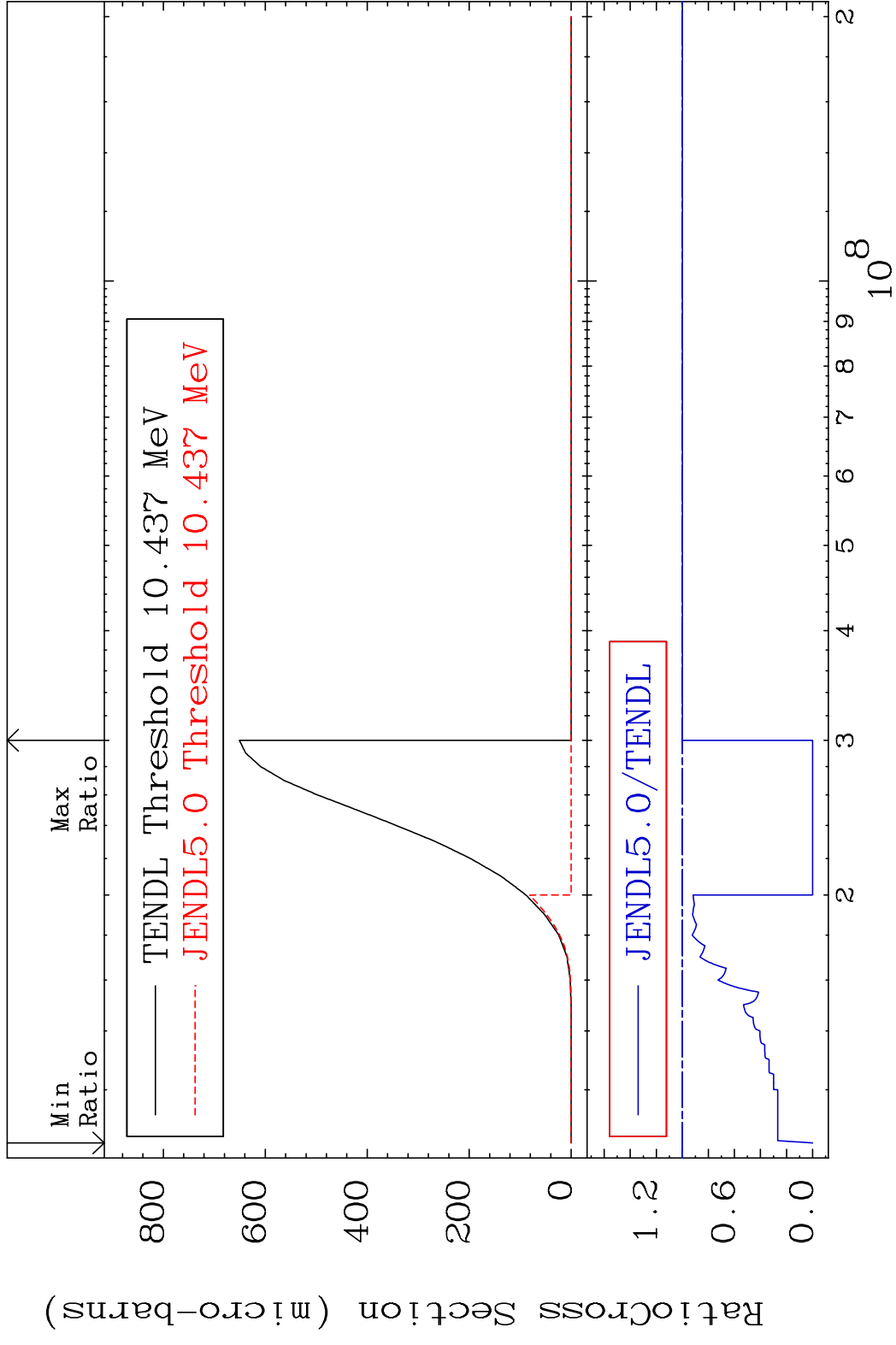
Incident Energy (eV)

30-Zn-66

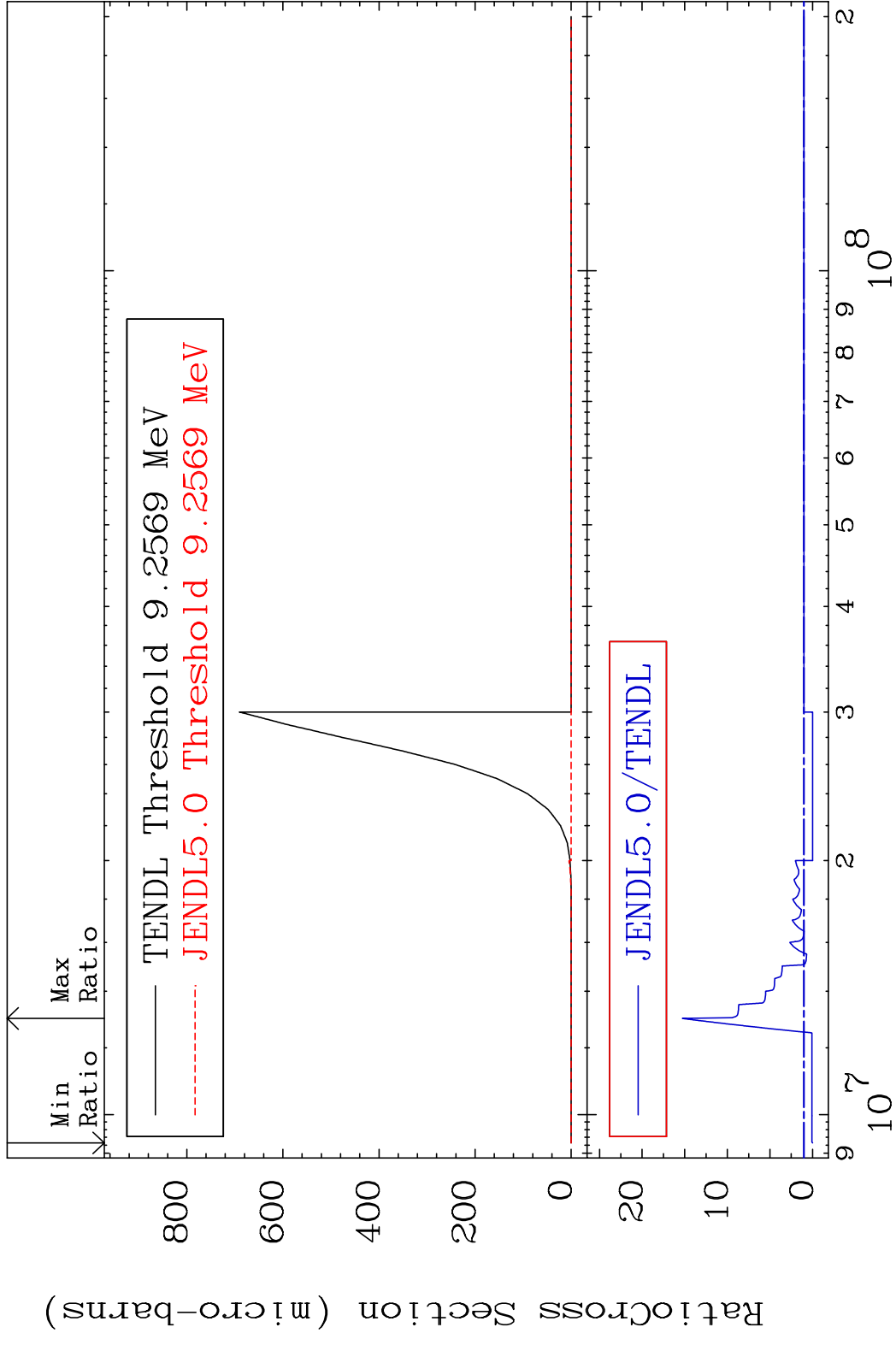
MAT 3031 (n,2α) 30-Zn-66
 Cross Section -100.0 To 9999. %



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

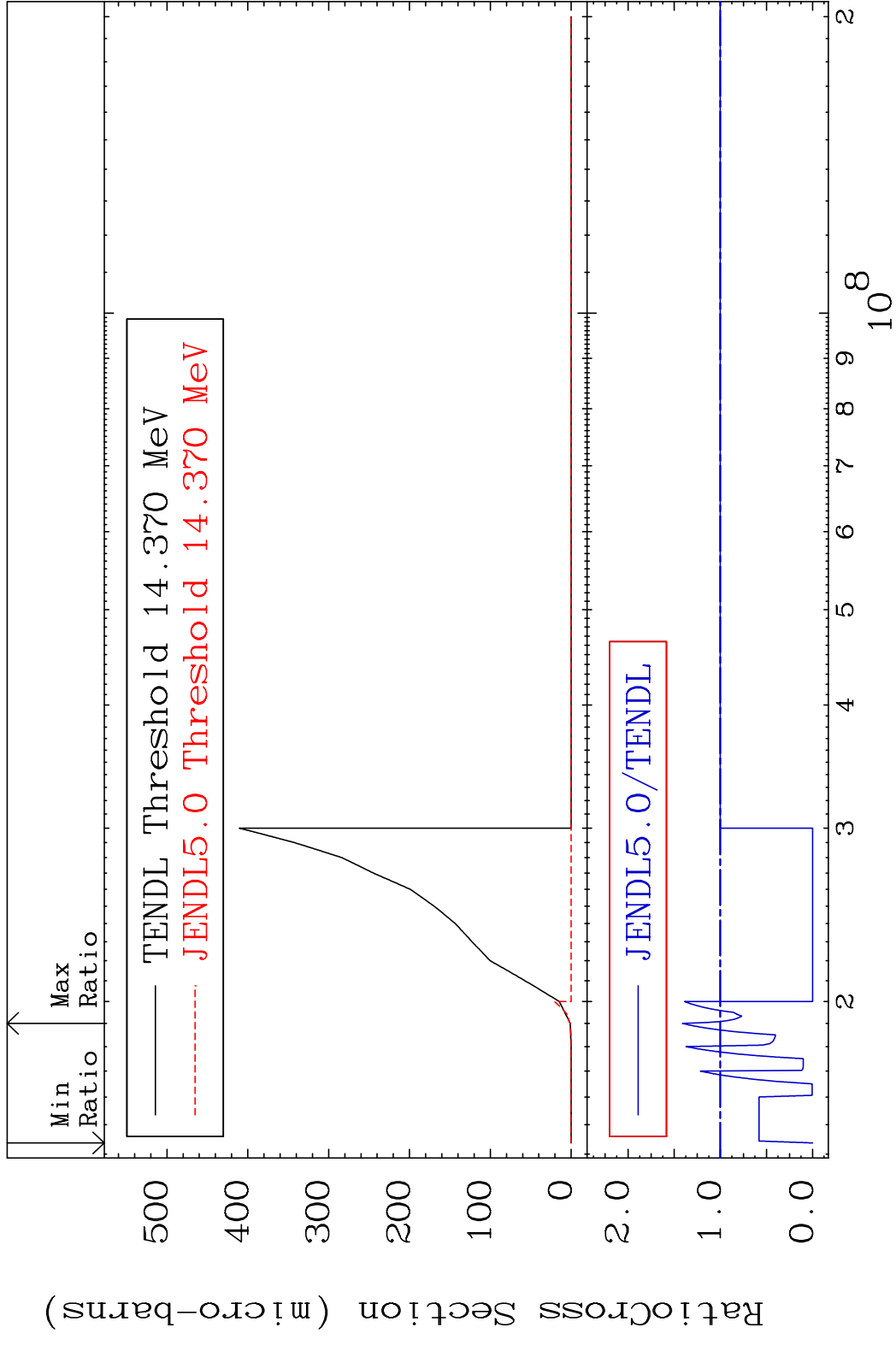


MAT 3031 (n,p) α 30-Zn-66
 Cross Section -100.0 To 1428. %

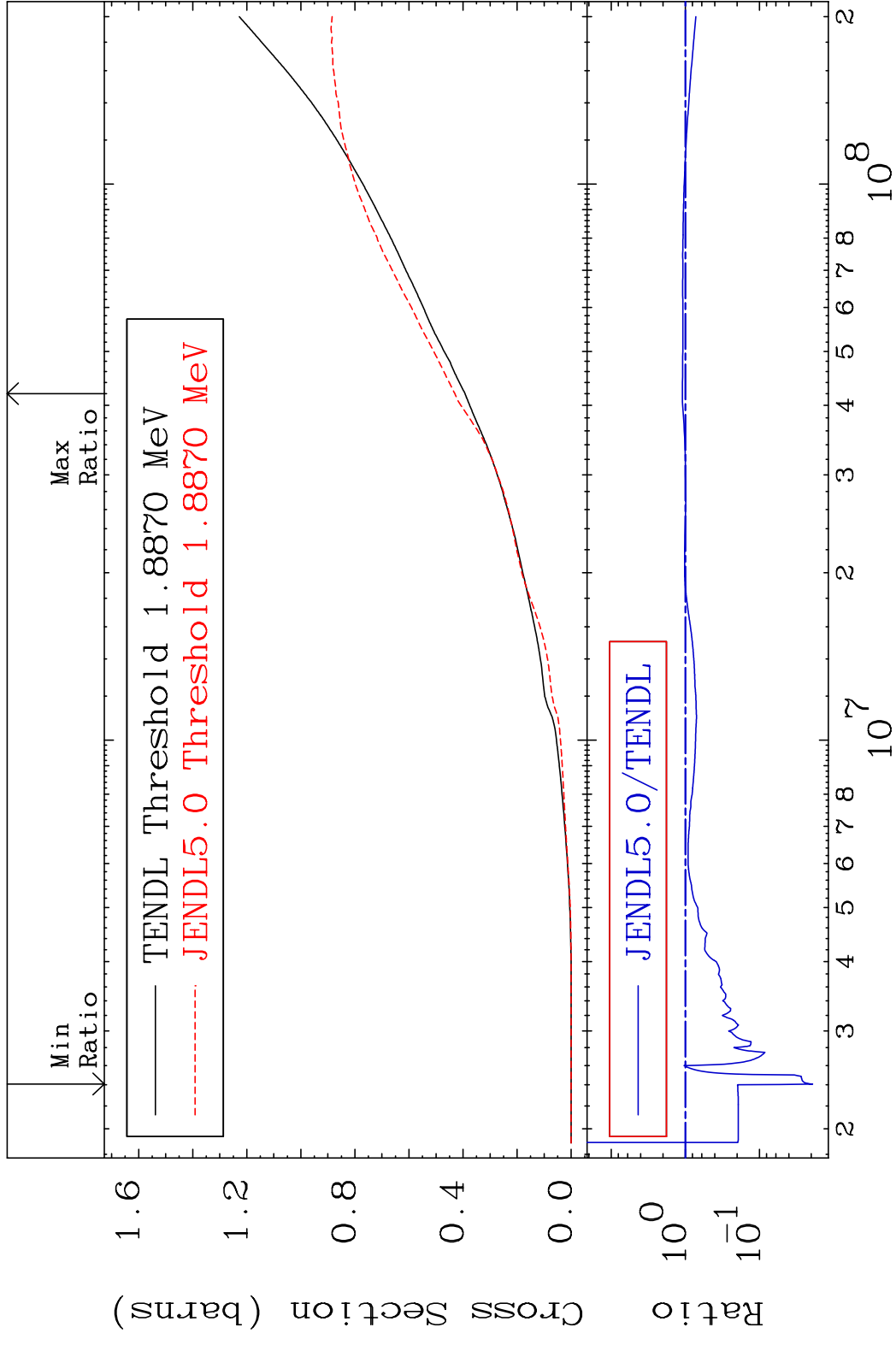


50 Incident Energy (eV) 30-Zn-66

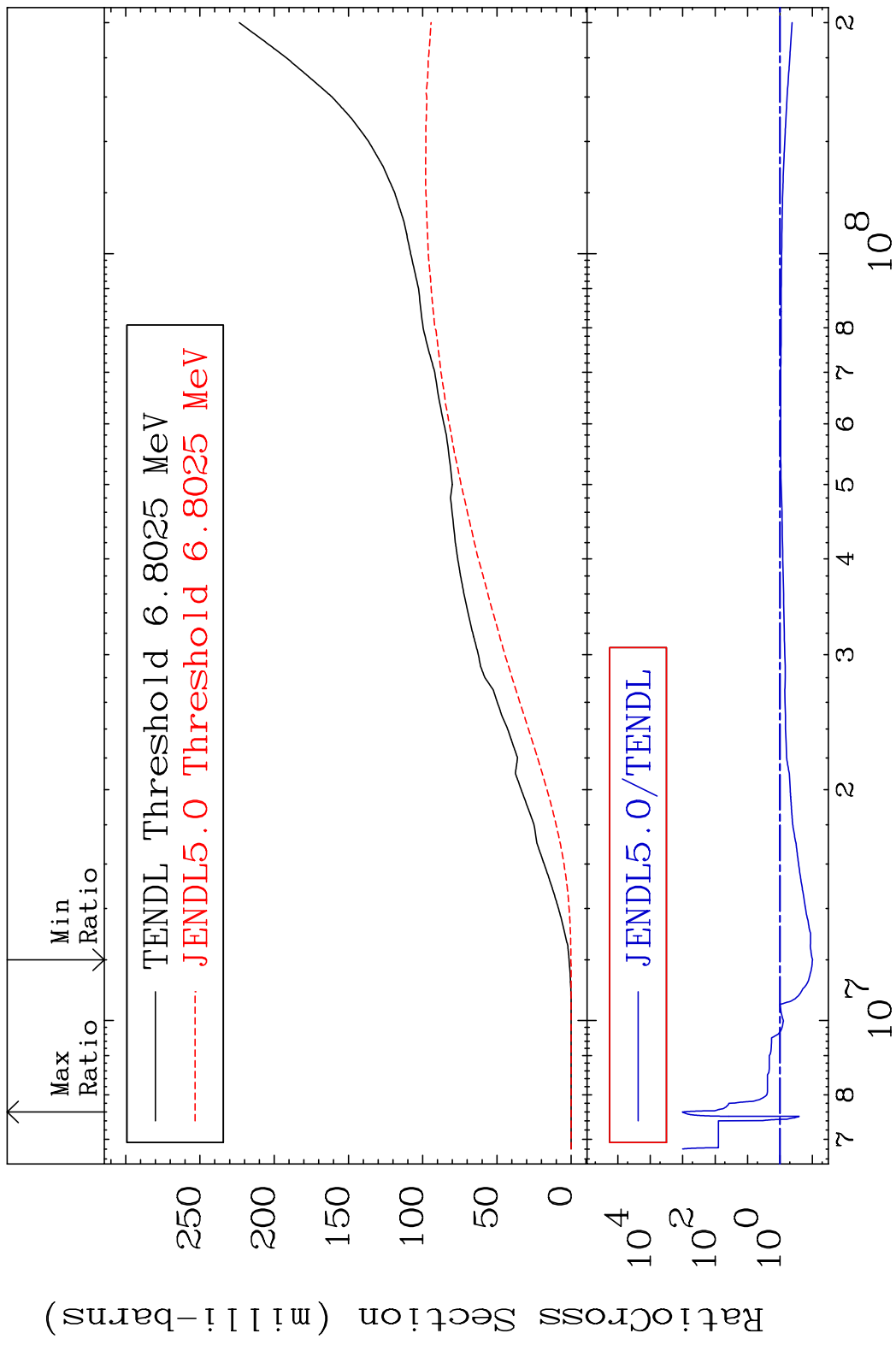
MAT 3031 (n,p) d 30-Zn-66
 Cross Section -100.0 To 41.20 %



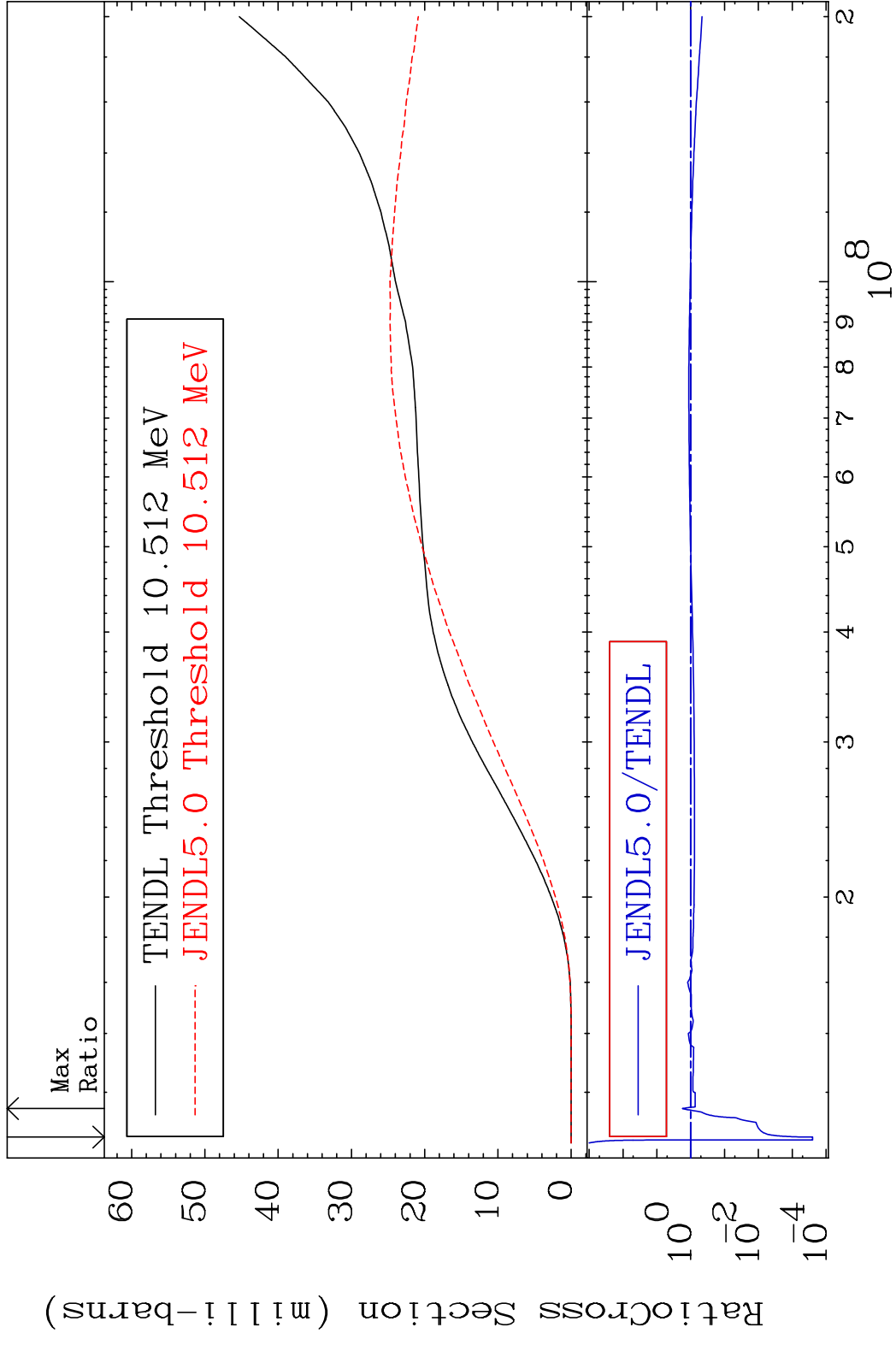
MAT 3031 Hydrogen Production 30-Zn-66
 Cross Section -98.08 To 9.615 %



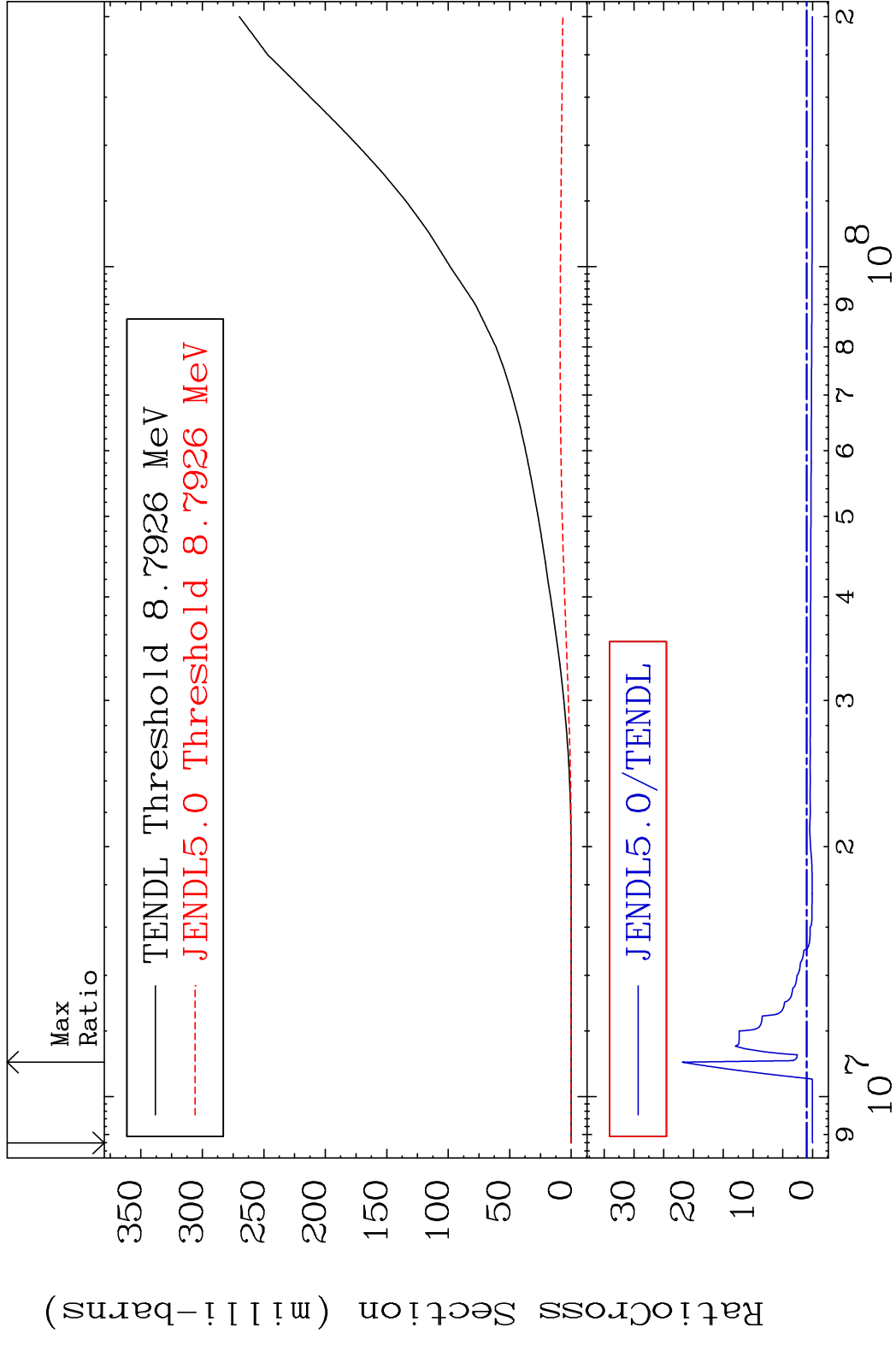
MAT 3031 Deuterium Production 30-Zn-66
 Cross Section -90.09 To 9999. %



MAT 3031 Tritium Production 30-Zn-66
 Cross Section -99.97 To 76.49 %

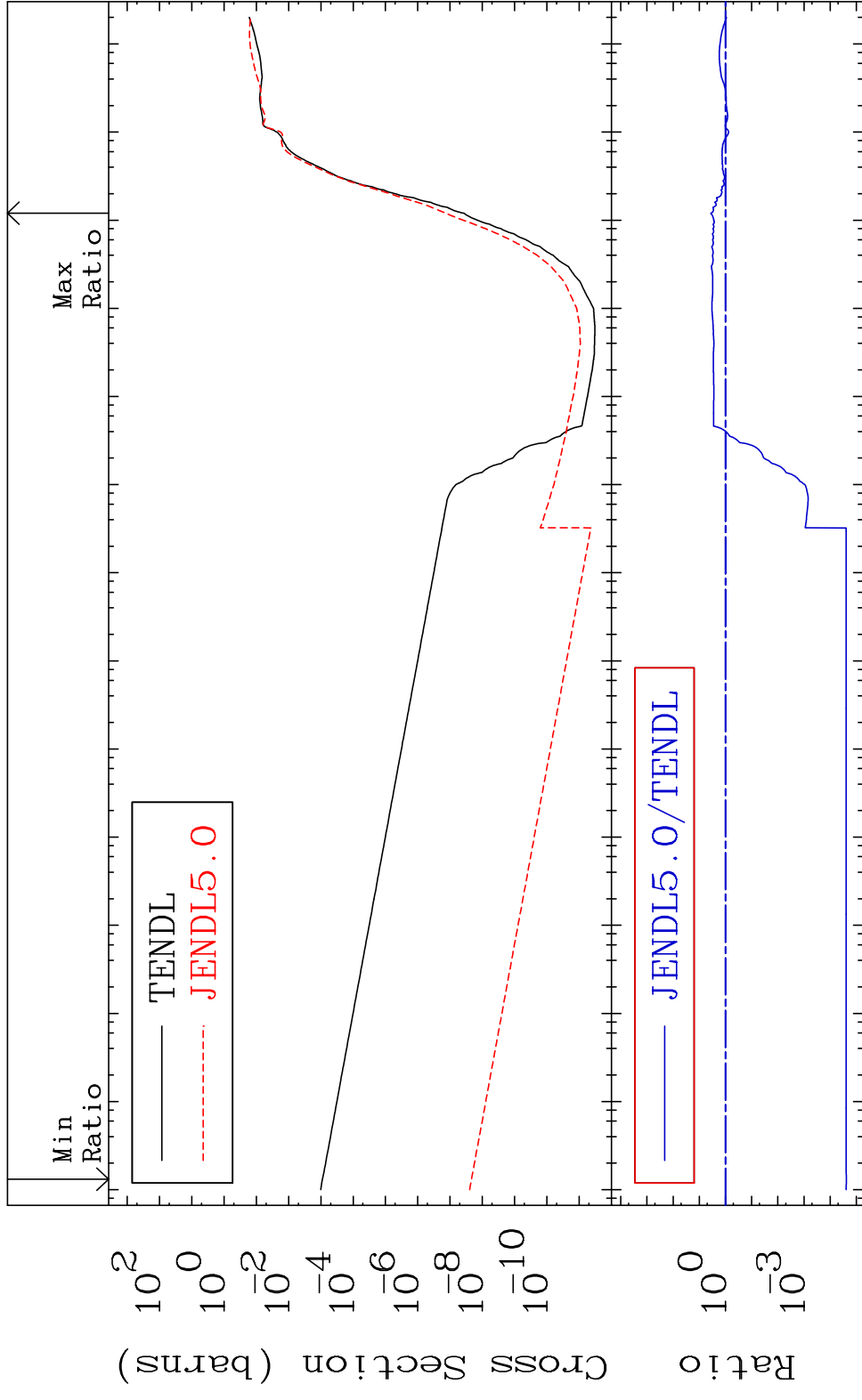


MAT 3031 He-3 Production 30-Zn-66
 Cross Section -100.0 To 2087. %

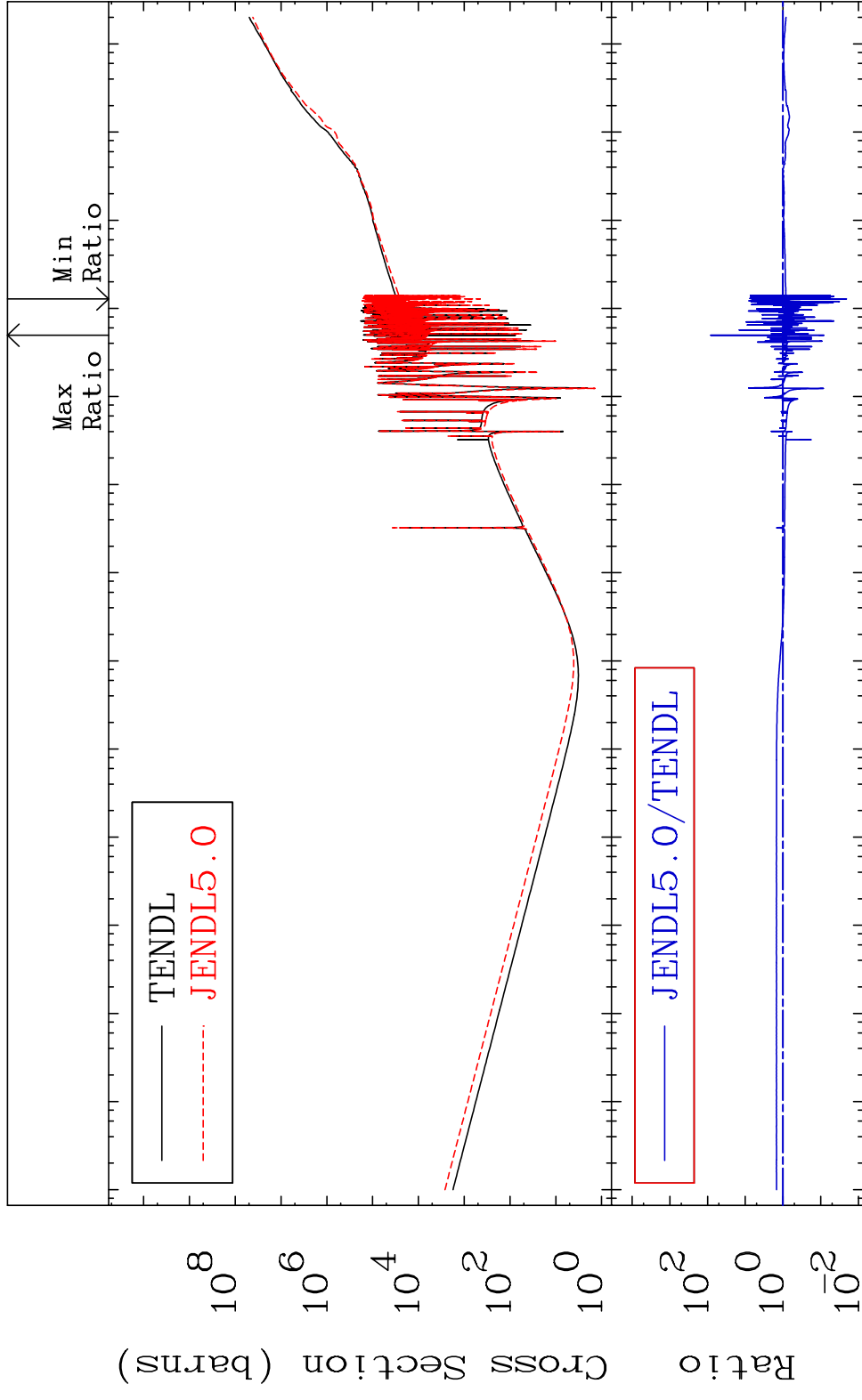


55 30-Zn-66

MAT 3031 He-4 Production 30-Zn-66
 Cross Section -100.0 To 266.0 %



MAT 3031 Kerma total (eV-barns) 30-Zn-66
 Cross Section -97.90 To 8163. %

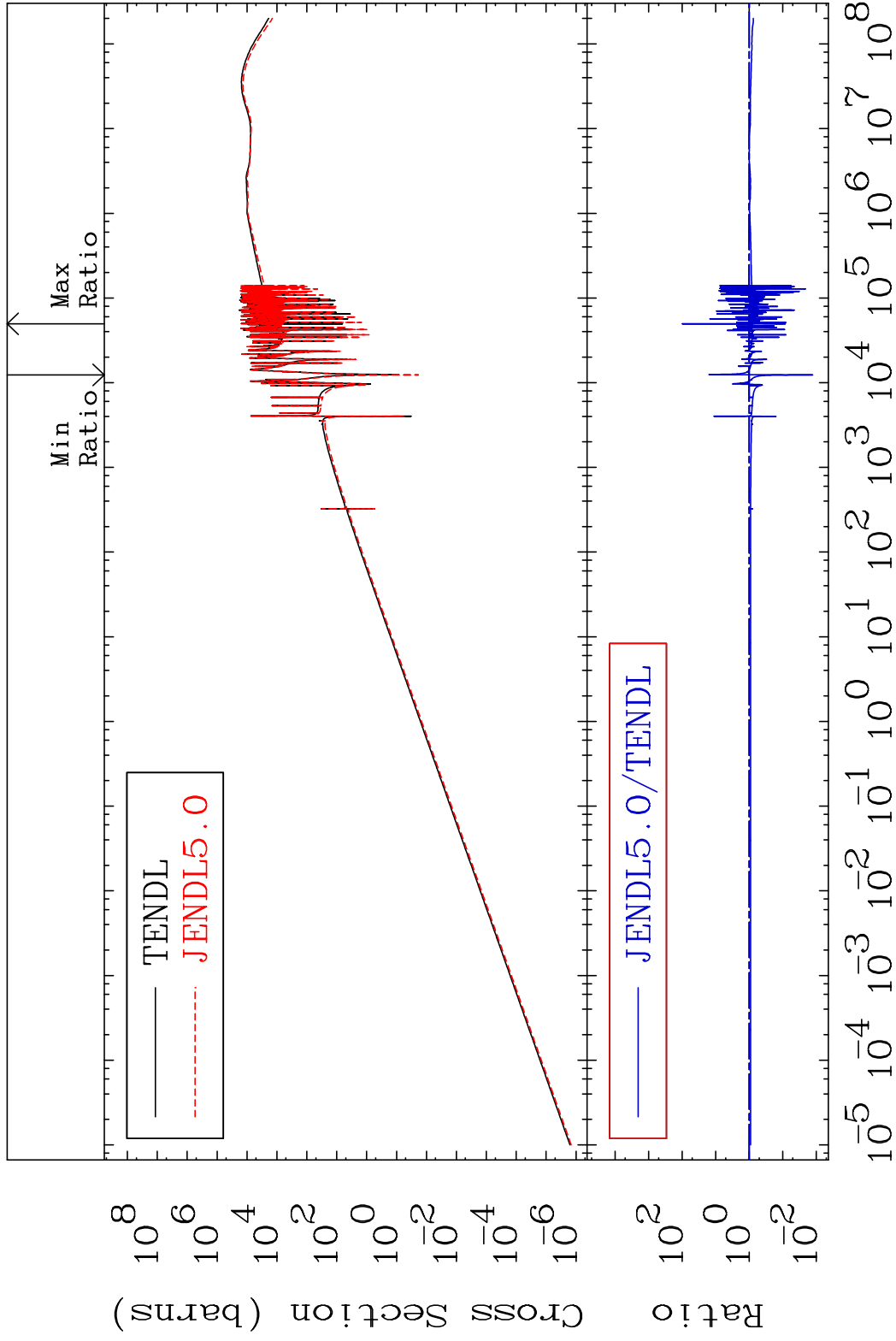


57 Incident Energy (eV) 30-Zn-66

MAT 3031

Kerma elastic
Cross Section

30-Zn-66
-98.72 To 9699. %

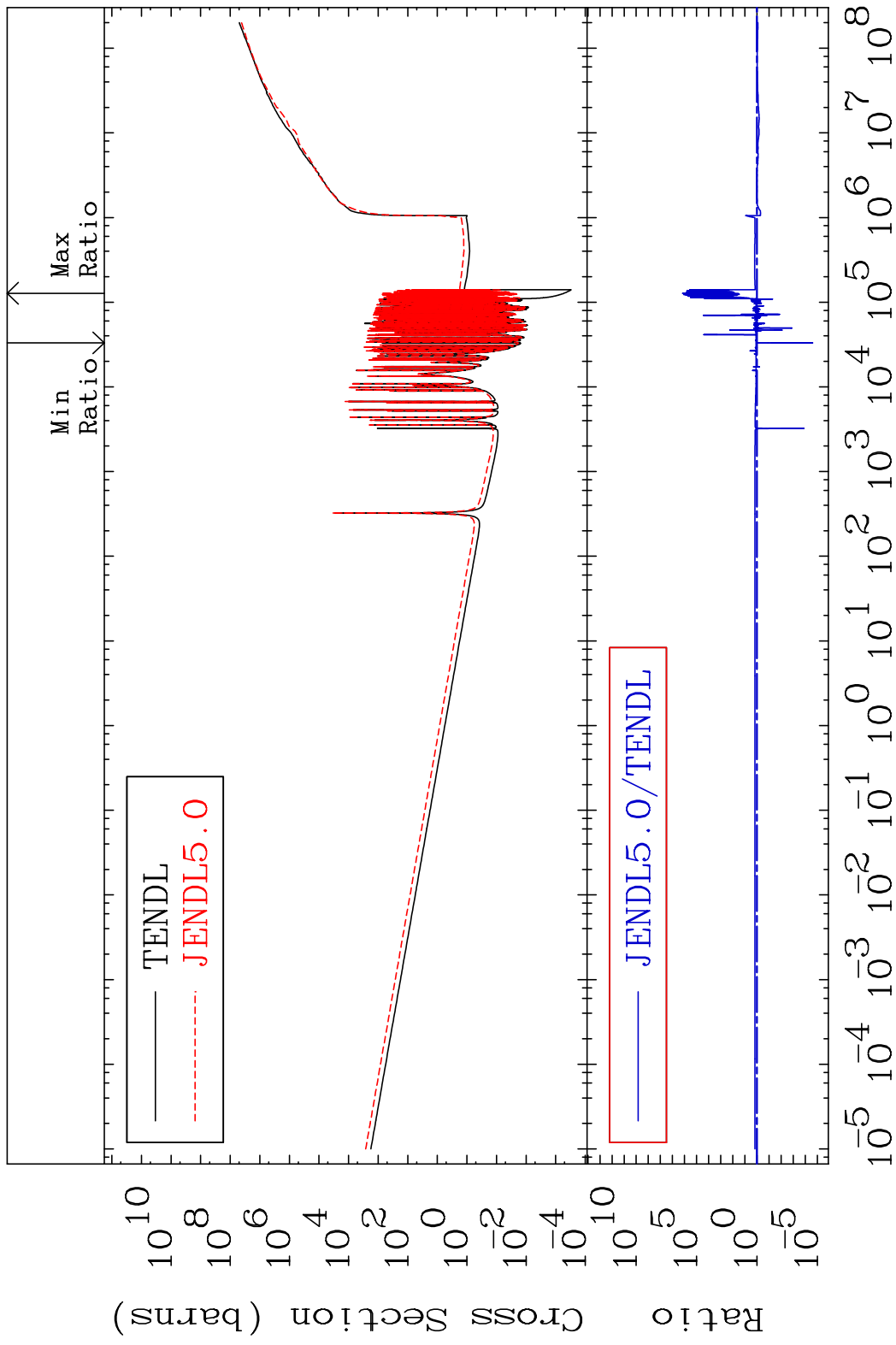


58

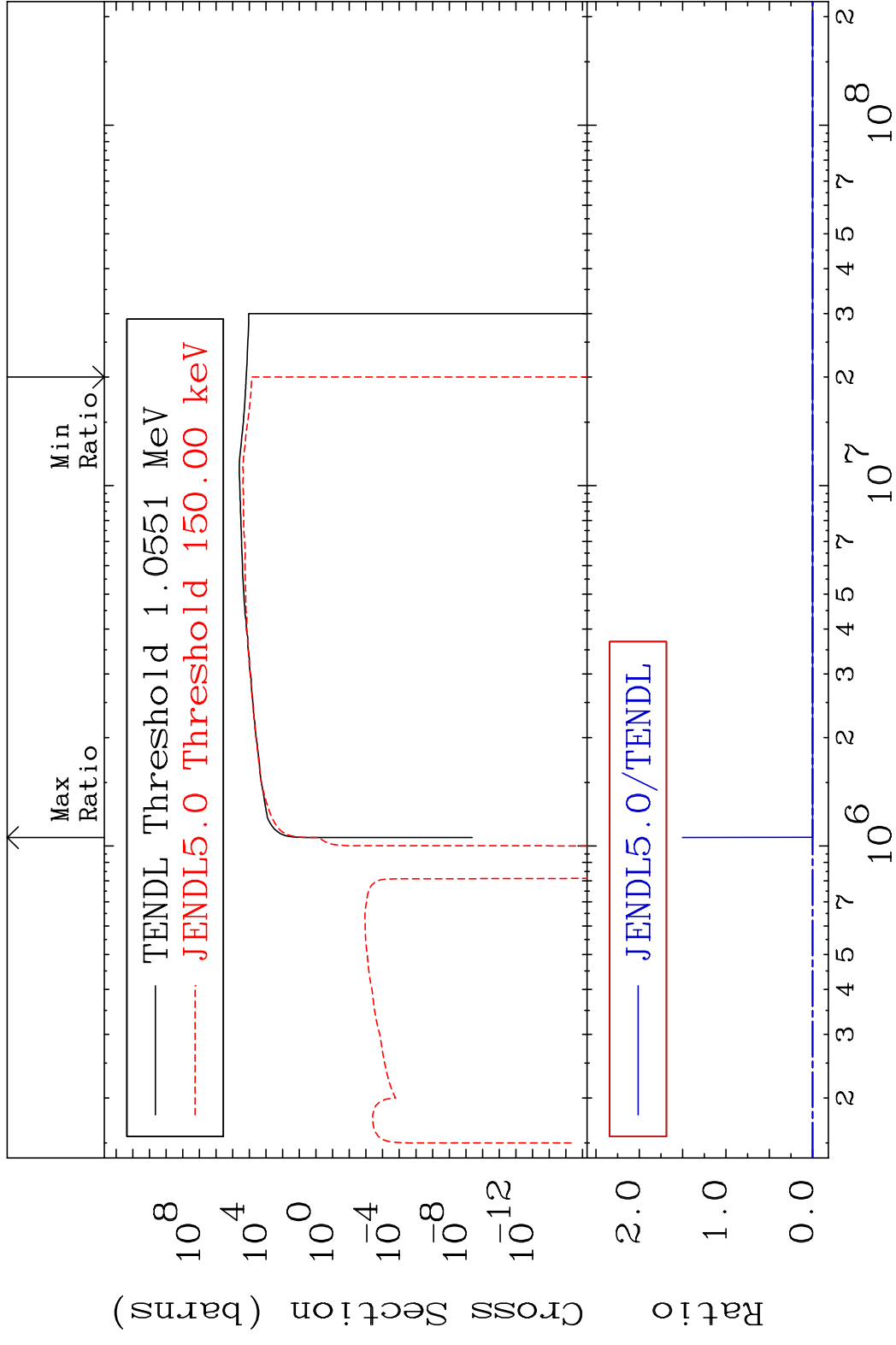
Incident Energy (eV)

30-Zn-66

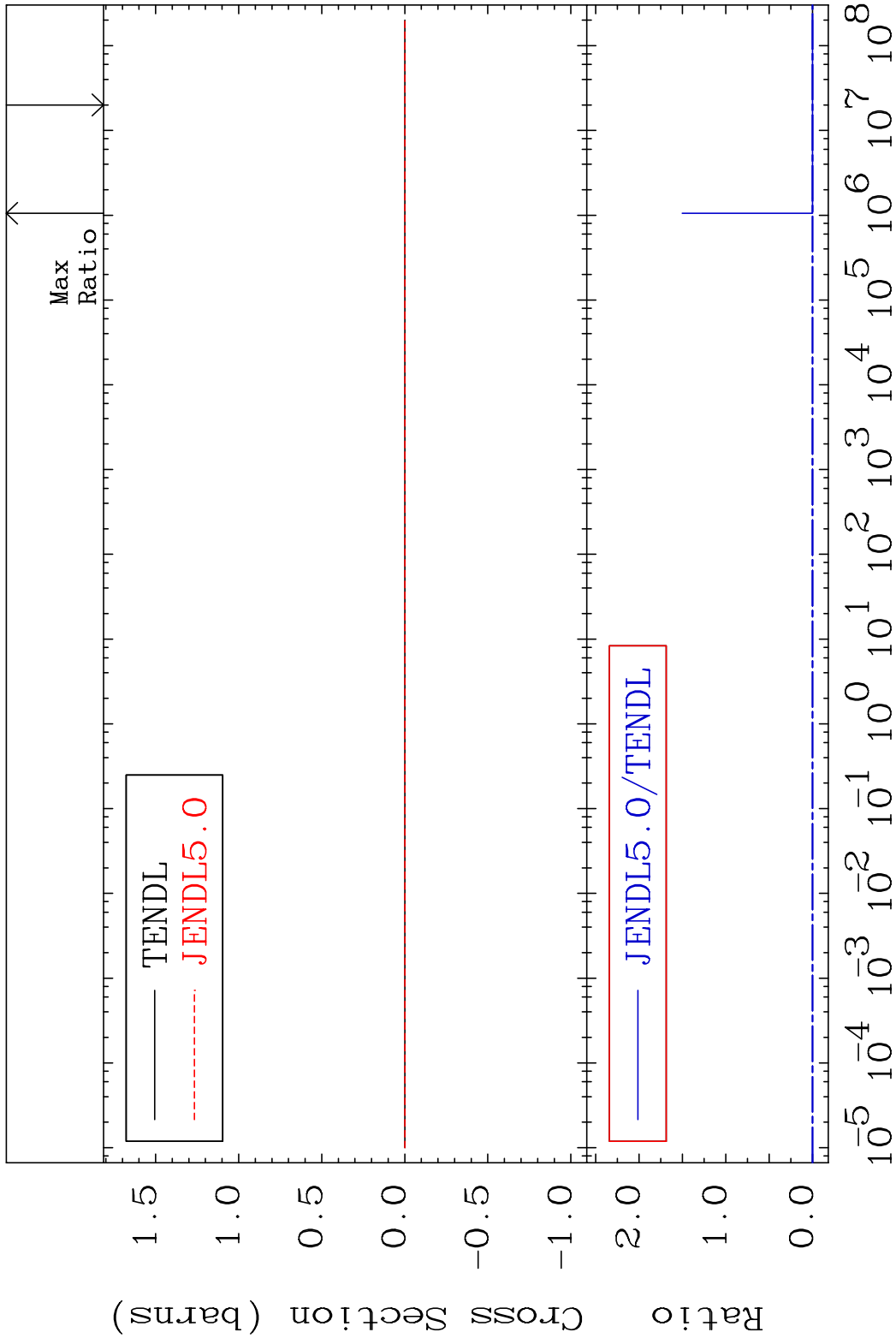
MAT 3031 Kerma non-elastic (all but mt2) 30-Zn-66
 Cross Section -100.0 To 9999. %



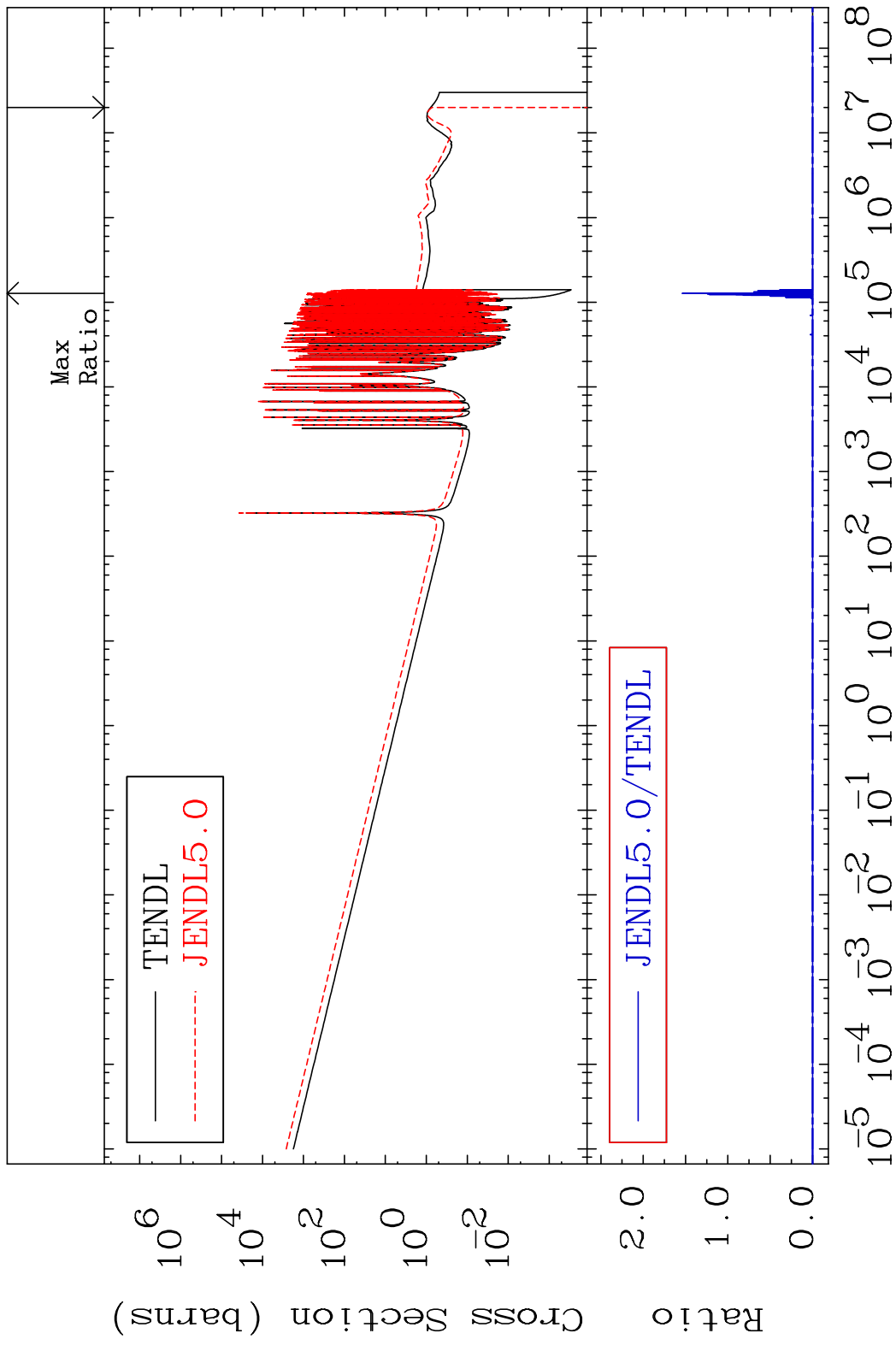
MAT 3031 Kerma inelastic (mt51-91) 30-Zn-66
 Cross Section -100.0 To 9999. %



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

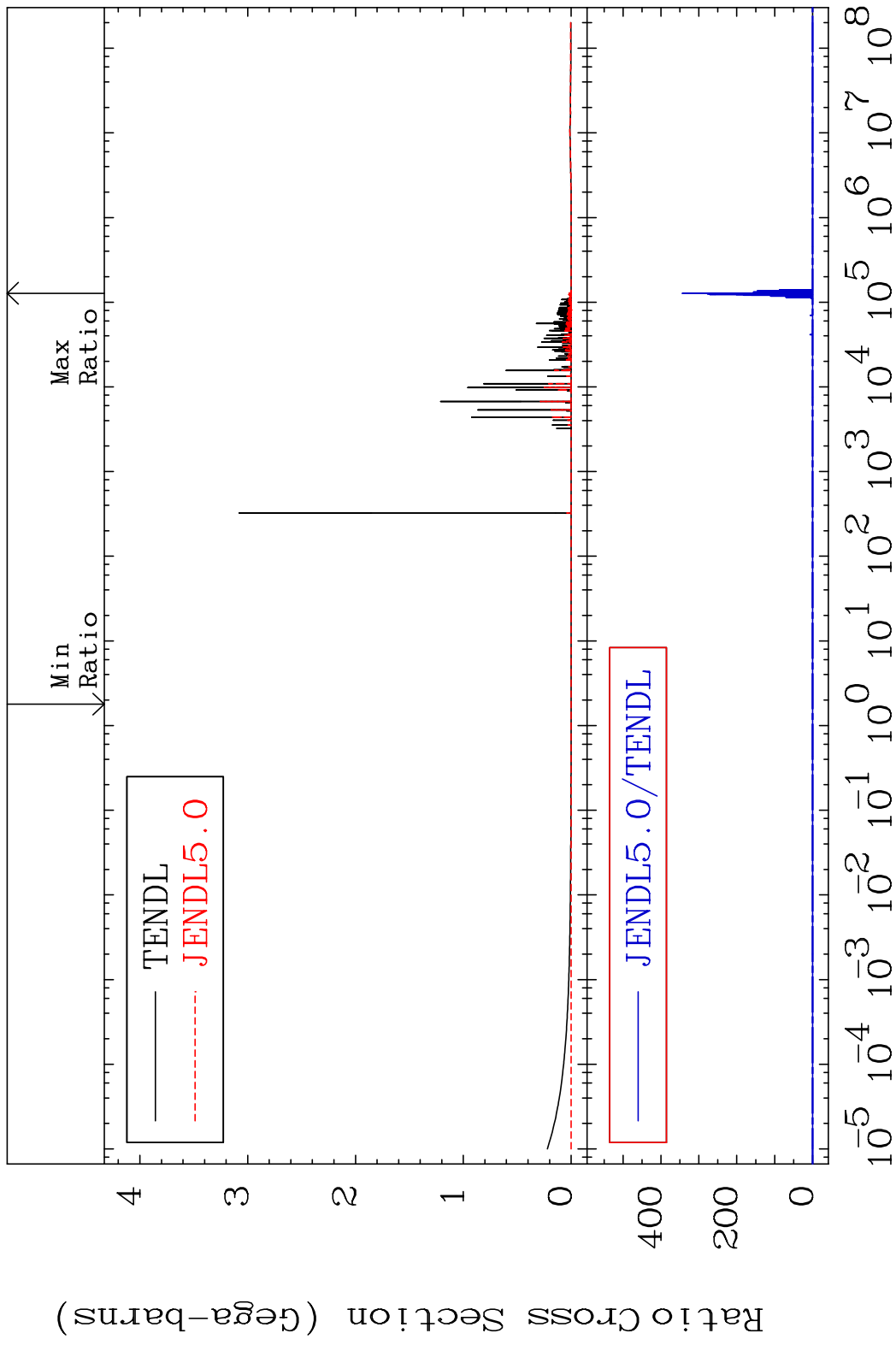


MAT 3031 Kerma capture (mt102) 30-Zn-66
 Cross Section -100.0 To 9999. %



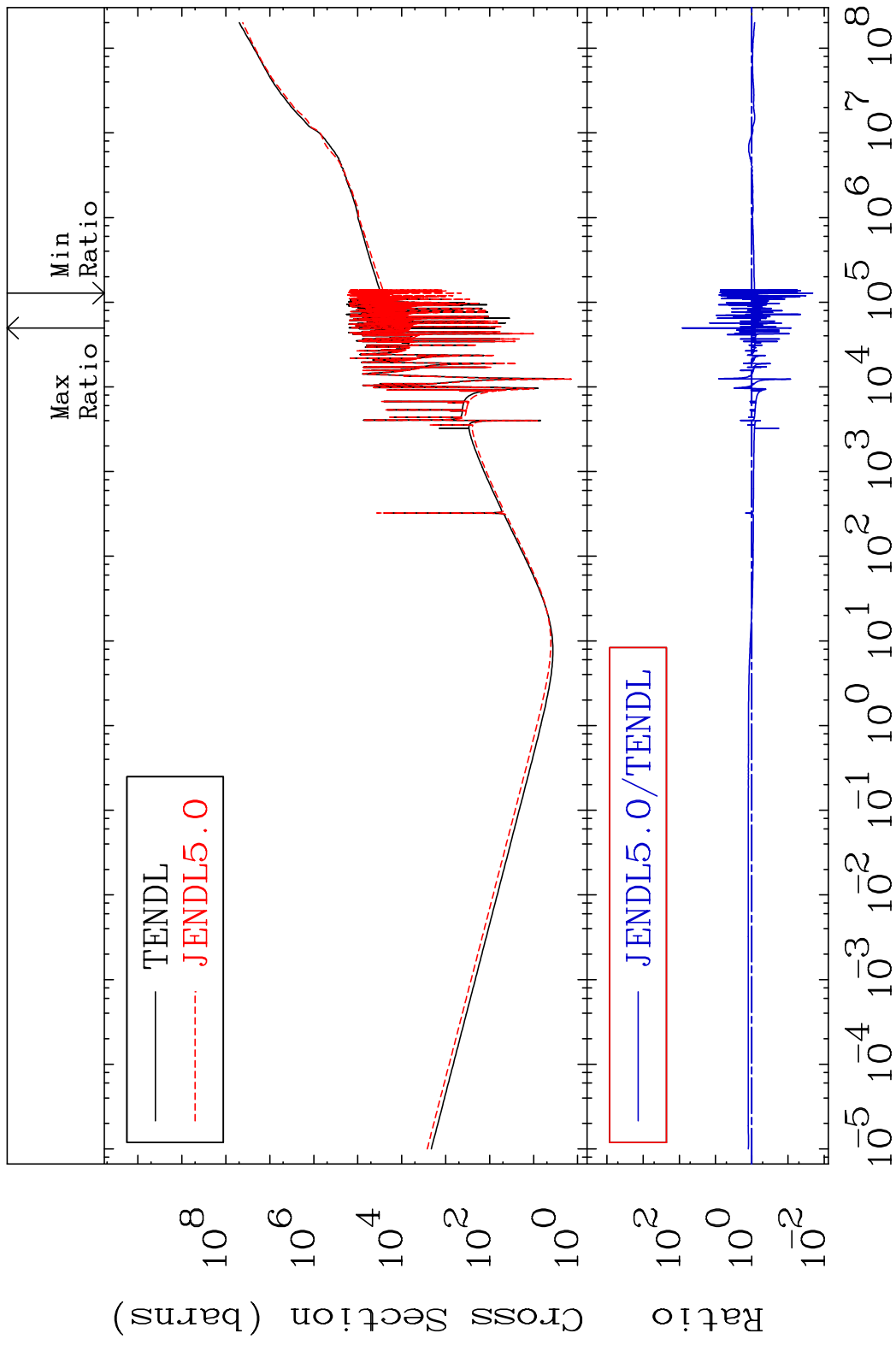
62 Incident Energy (eV) 30-Zn-66

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

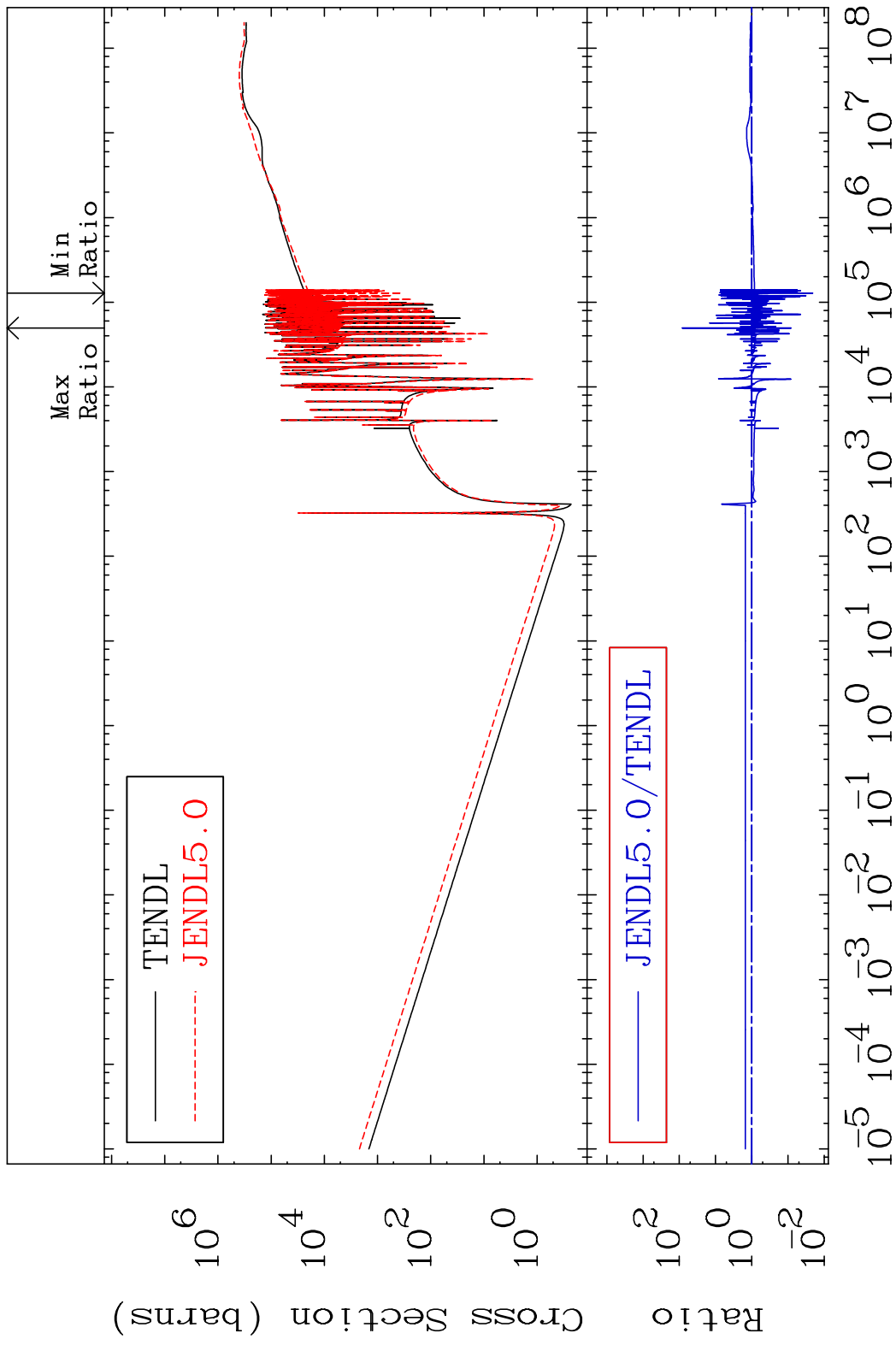


63 30-Zn-66

MAT 3031 Total kinematic kerma (high limit) 30-Zn-66
 Cross Section -97.90 To 8163. %



MAT 3031 Dpa total (eV-barns) 30-Zn-66
 Cross Section -97.90 To 8132. %



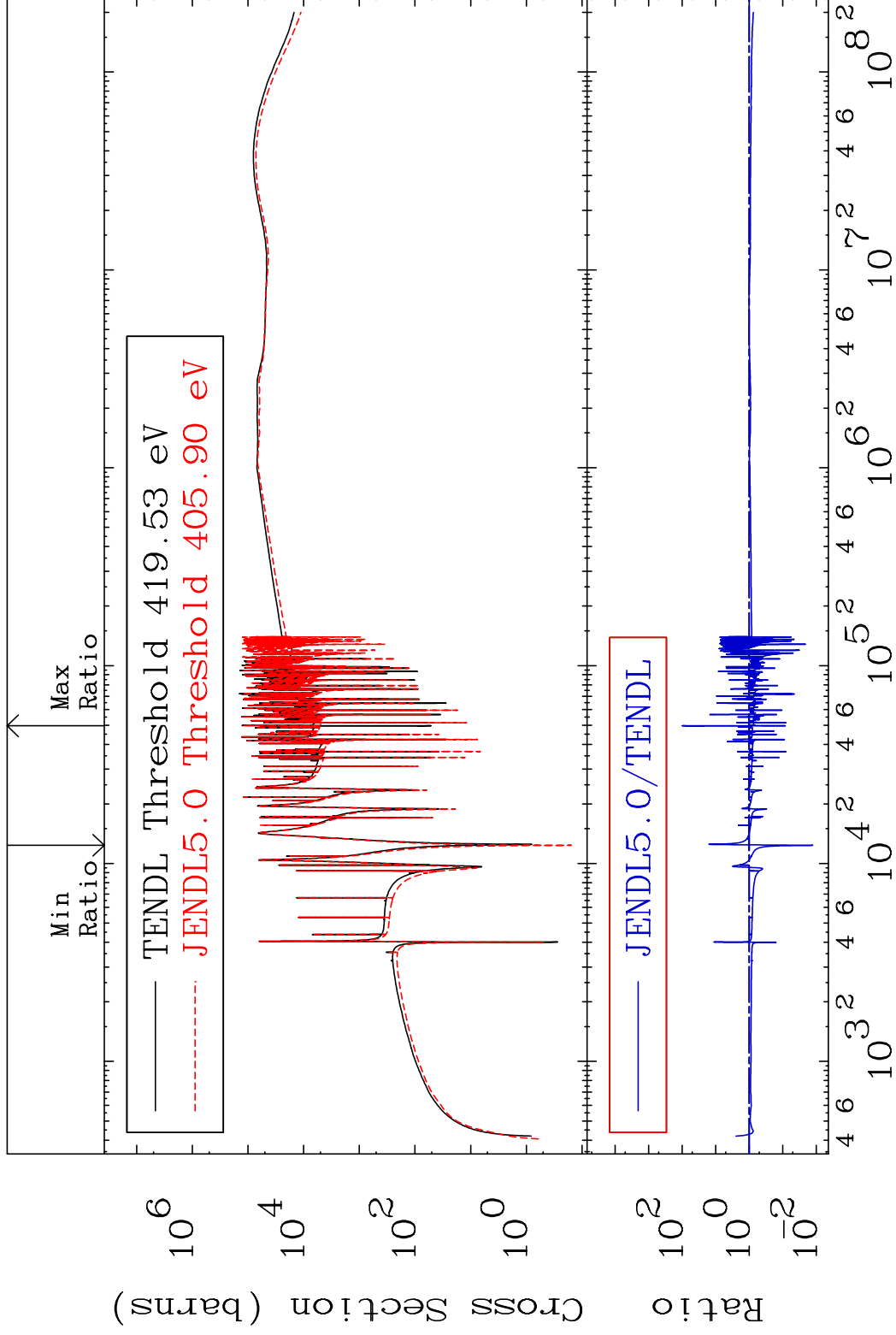
65 Incident Energy (eV) 30-Zn-66

MAT 3031

Dpa elastic (mt2)

30-Zn-66

Cross Section -98.72 To 9699. %

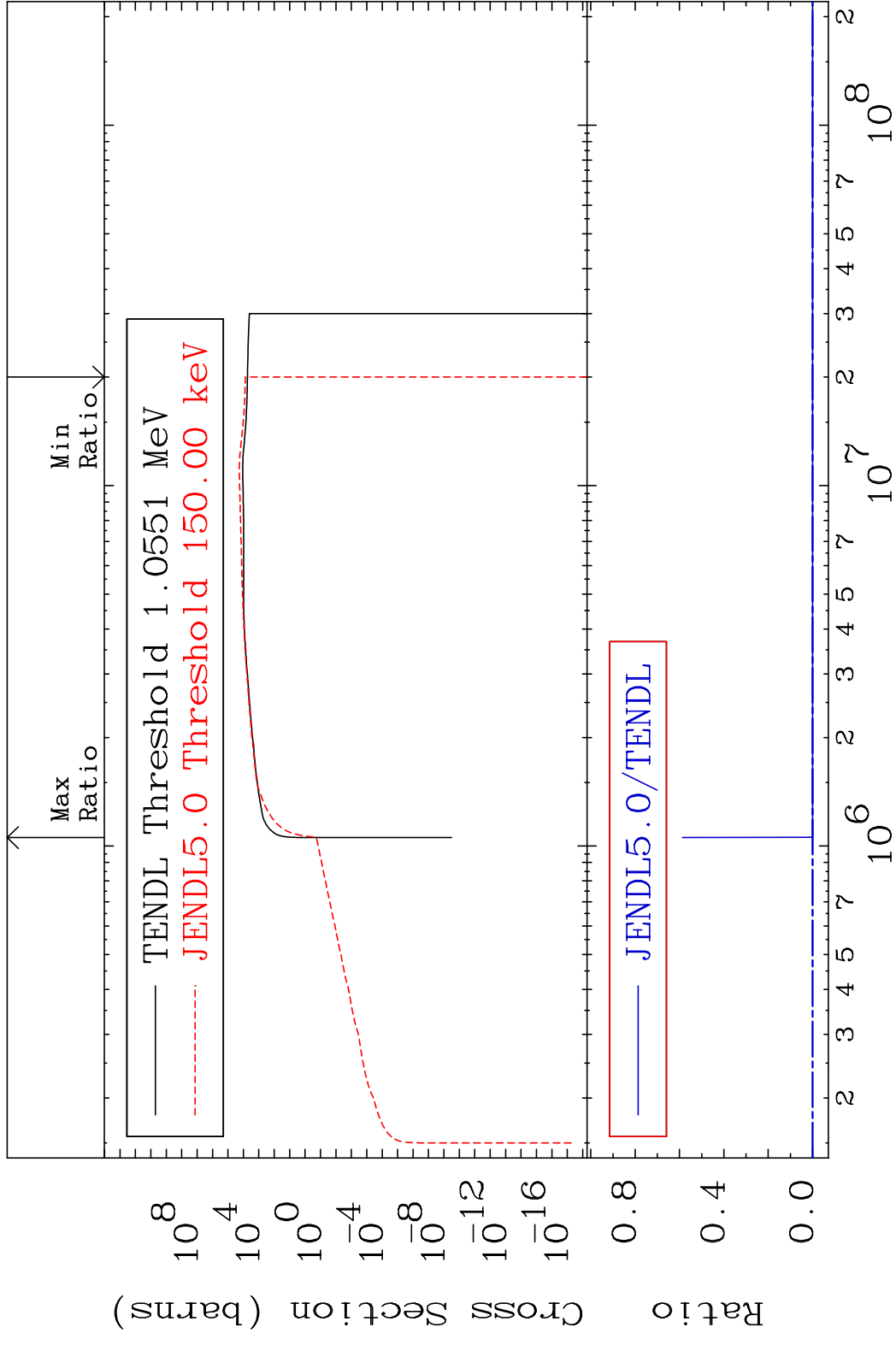


66

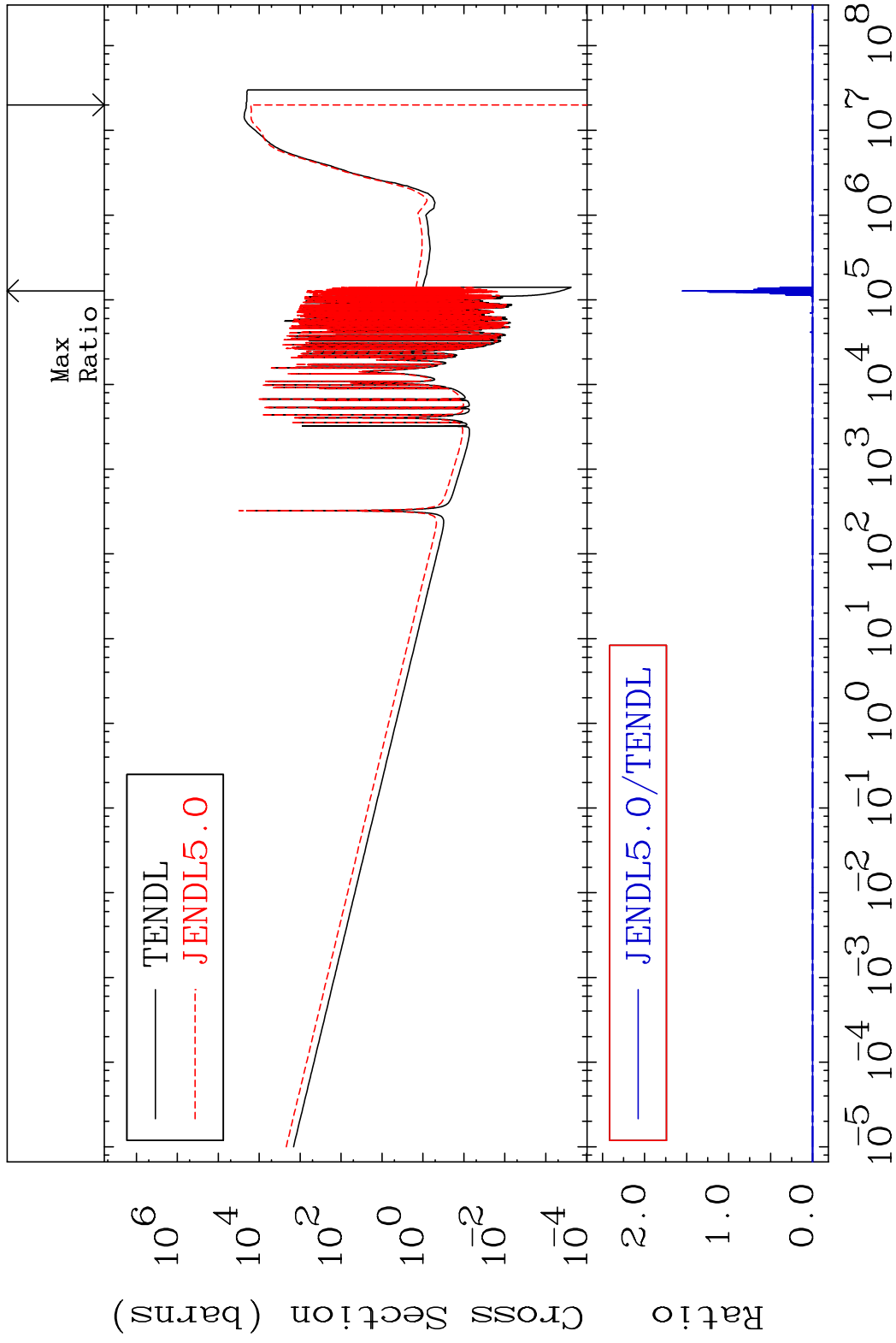
Incident Energy (eV)

30-Zn-66

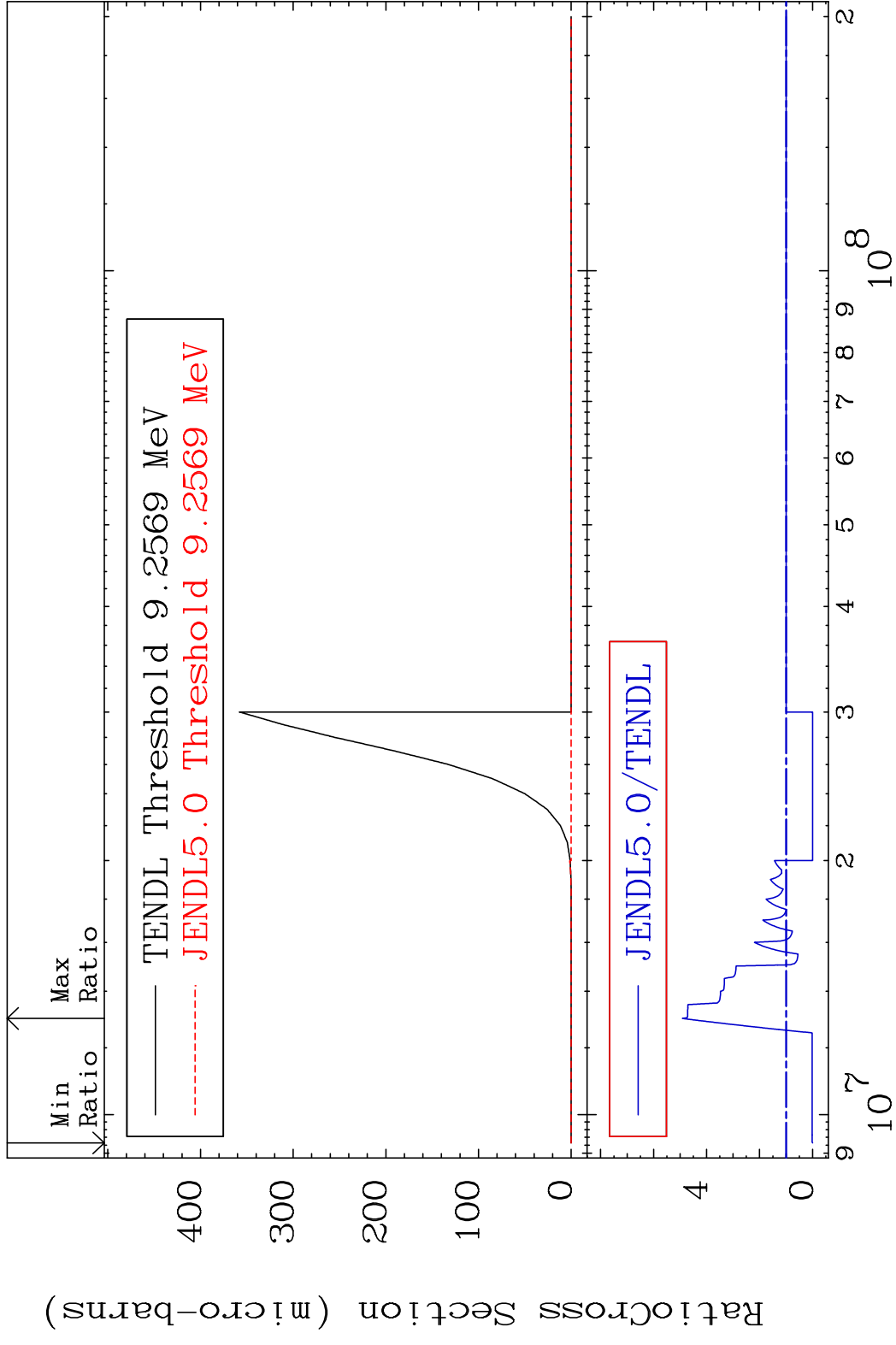
MAT 3031 Dpa inelastic (mt51-91) 30-Zn-66
 Cross Section -100.0 To 9999. %



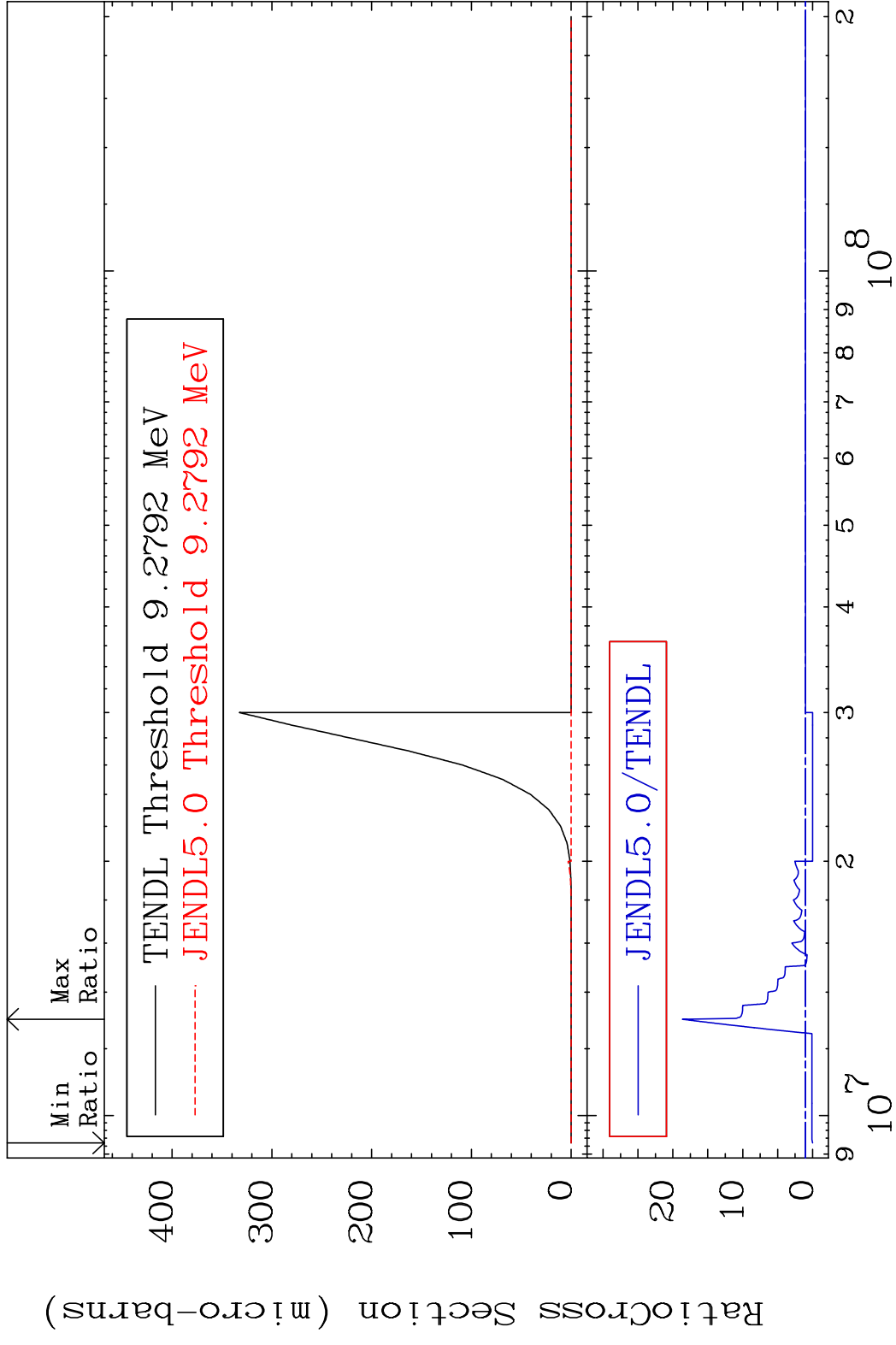
MAT 3031 Dpa disappearance (mt102 -120) 30-Zn-66
 Cross Section -100.0 To 9999. %



MAT 3031 (n, p) α :27-Co-62g 30-Zn-66
 Radionuclide Production Cross Section 180.0 dth 391.5 %

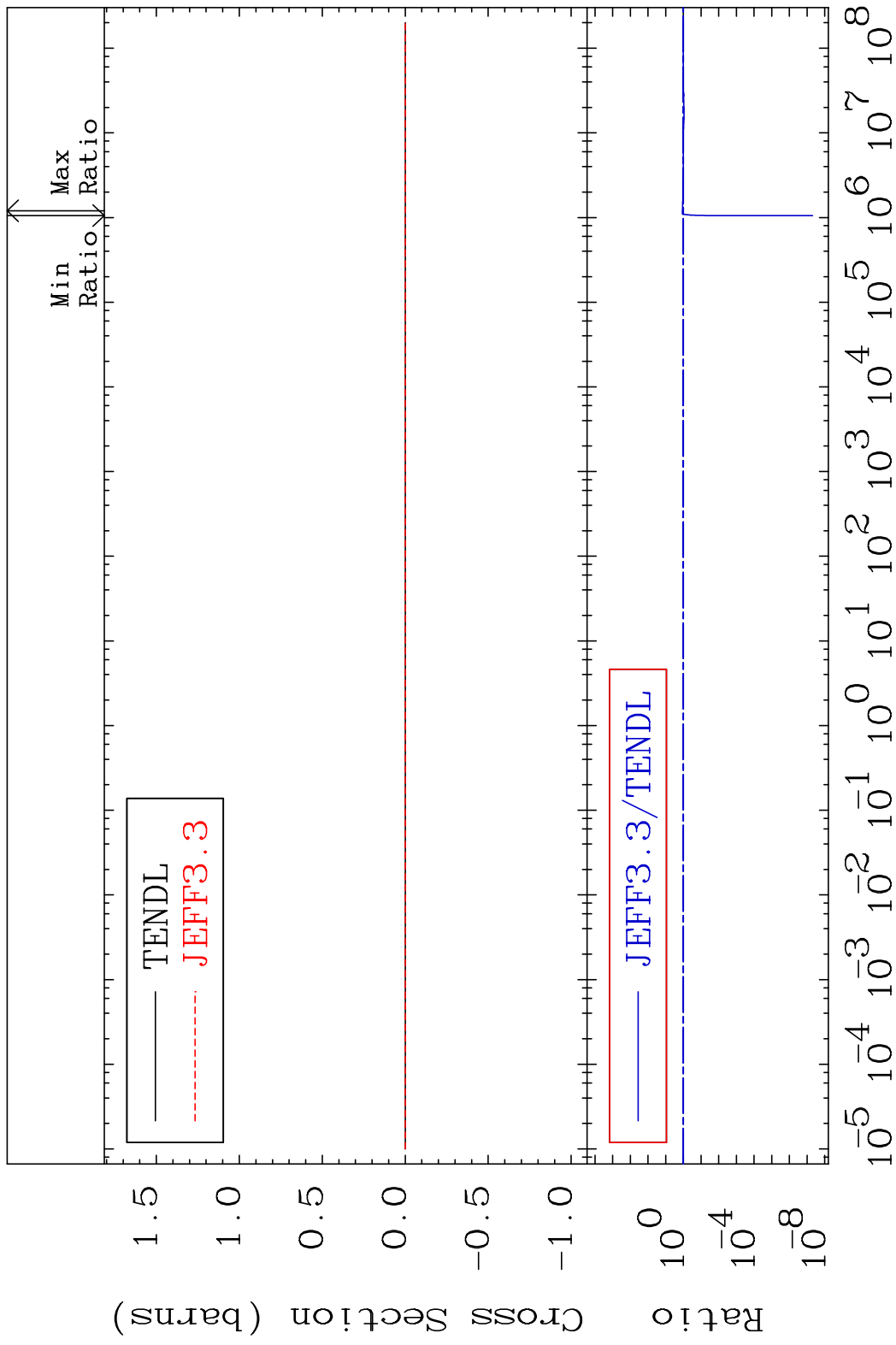


MAT 3031 (n,p) α :27-Co-62m1 30-Zn-66
 Radionuclide Production Cross Section 1800 dth 1764. %



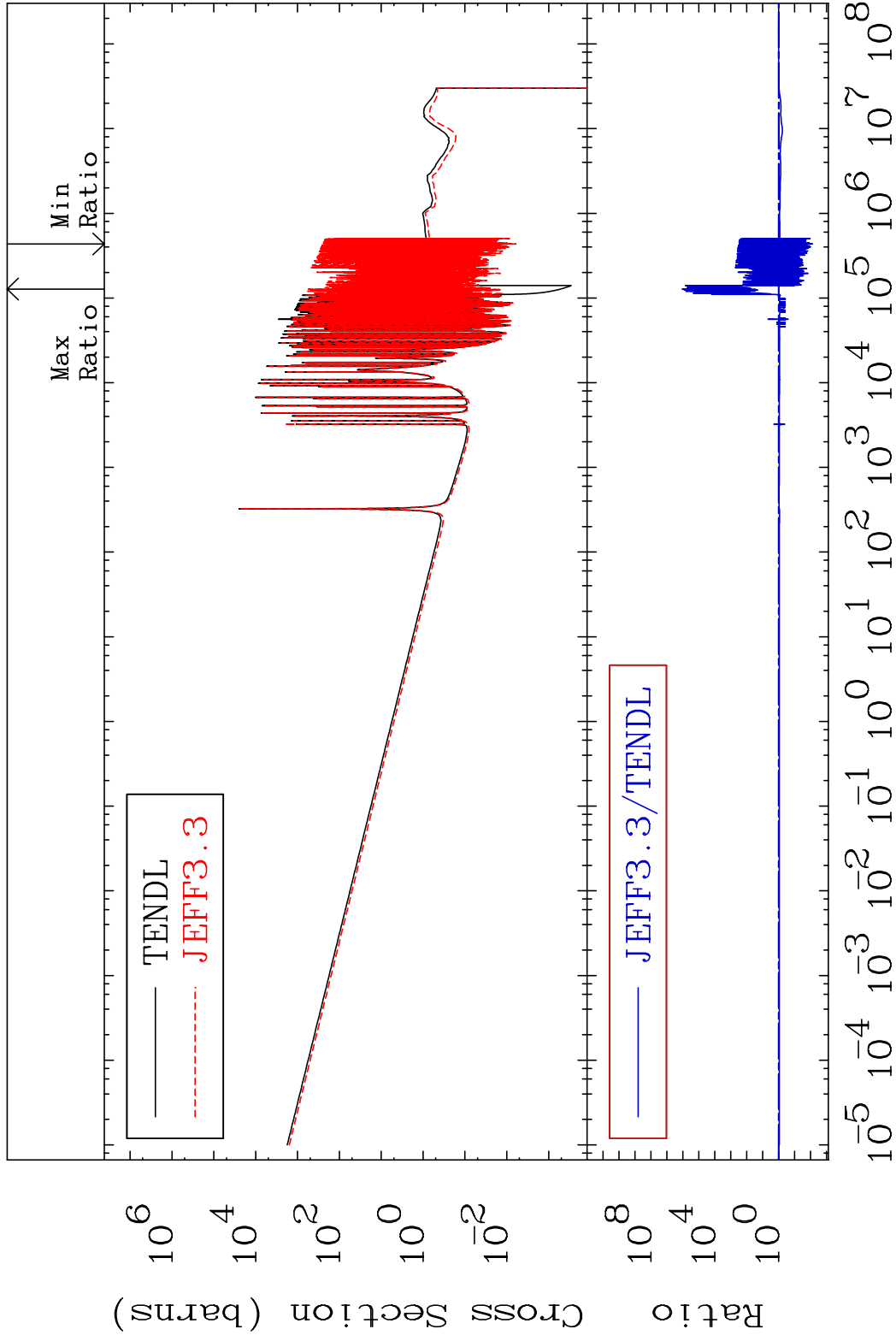
70 Incident Energy (eV) 30-Zn-66

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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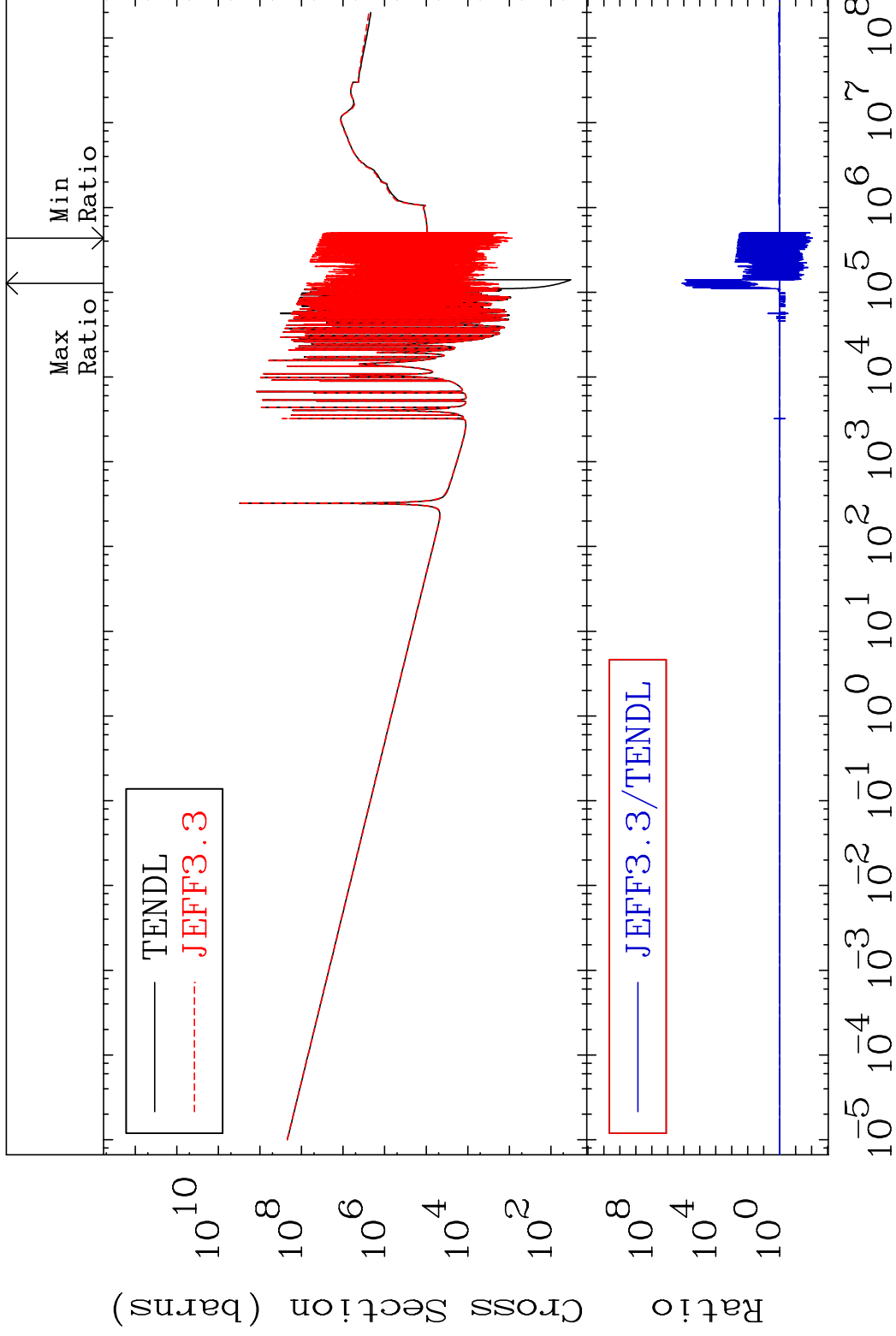
Incident Energy (eV) 30-Zn-66

MAT 3031

Total photon (eV-barns)

30-Zn-66

Cross Section -99.13 To 9999. %

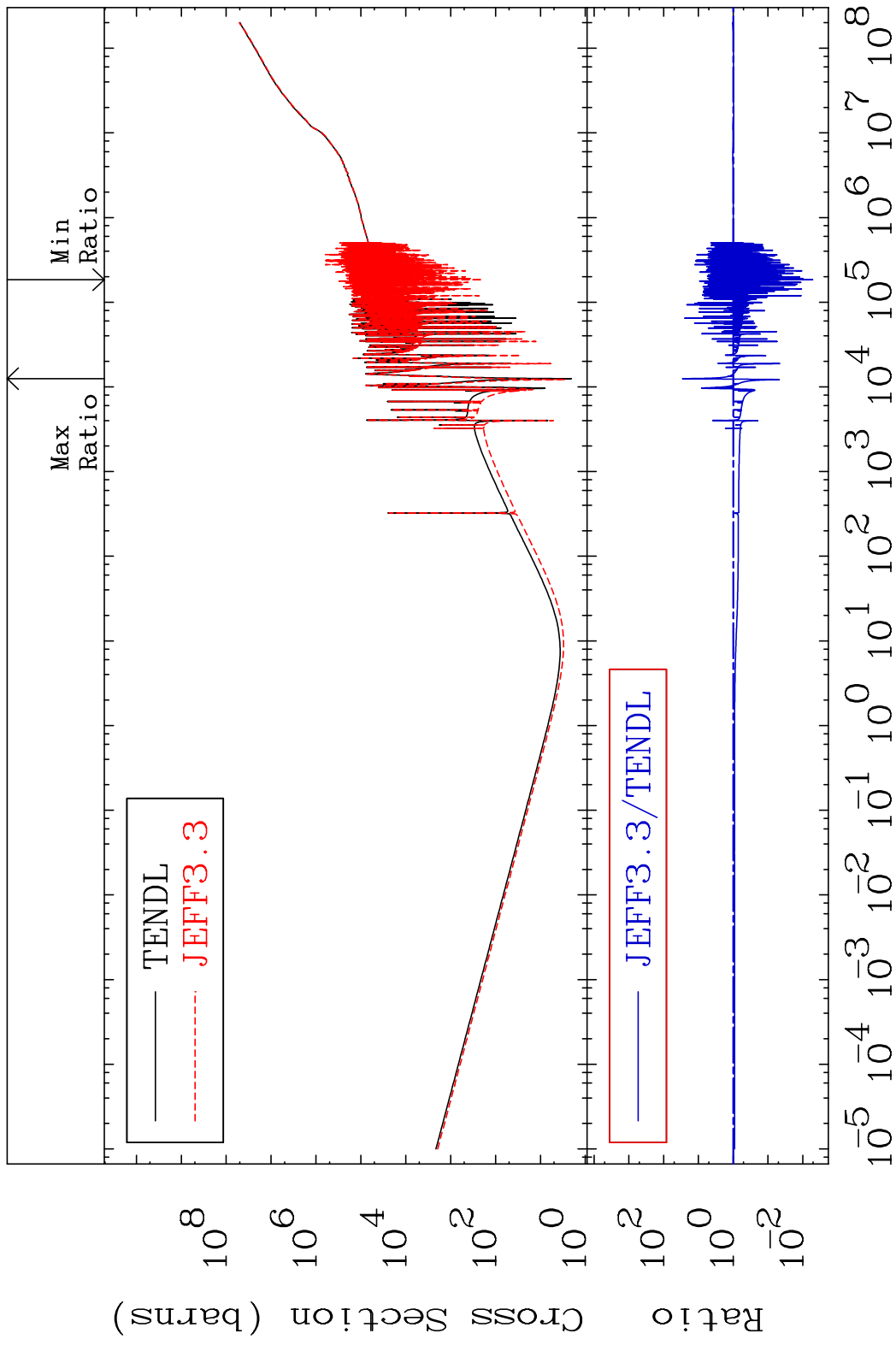


73

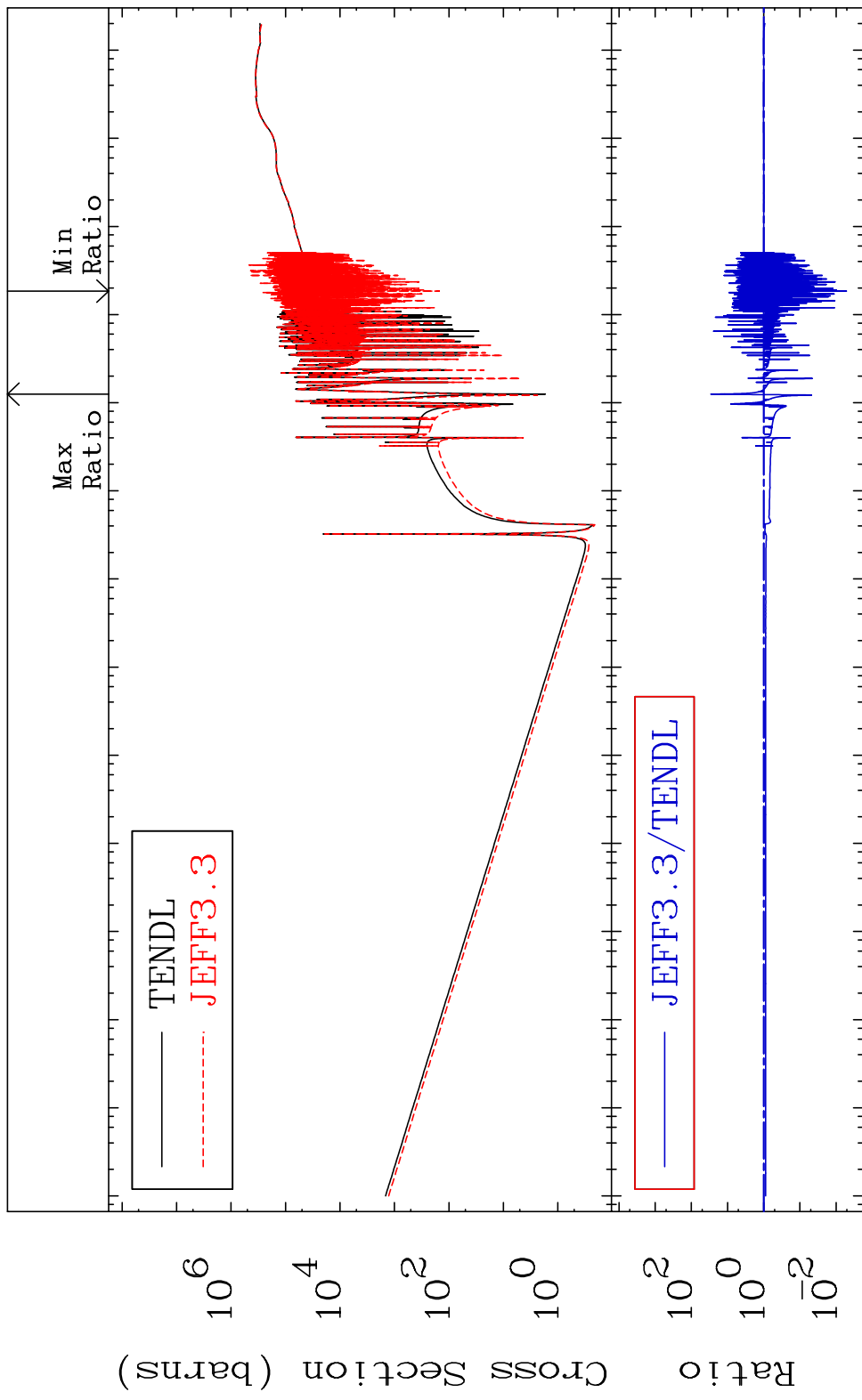
Incident Energy (eV)

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

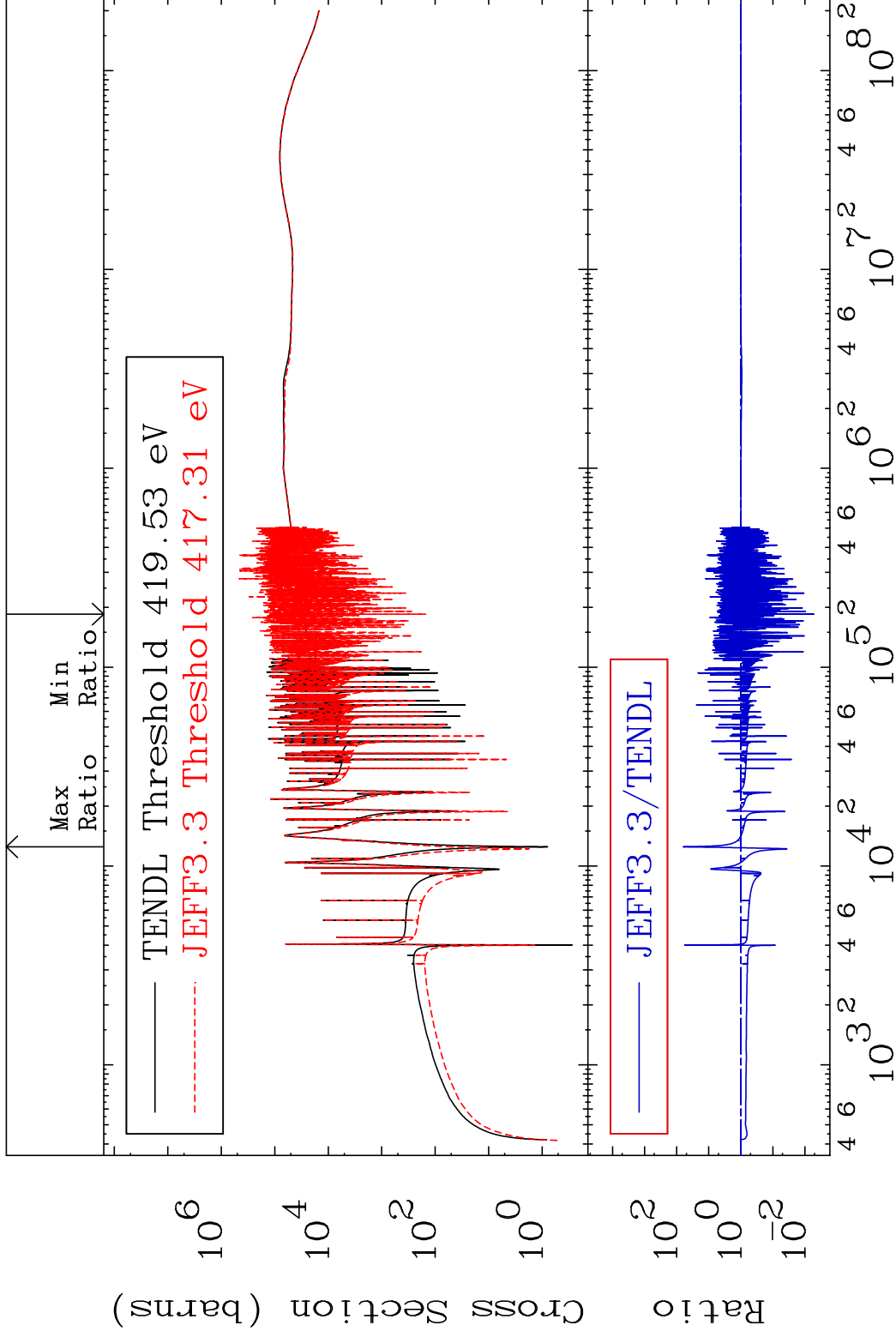
MAT 3031

Dpa elastic (mt2)

30-Zn-66

Cross Section

-99.48 To 6057. %

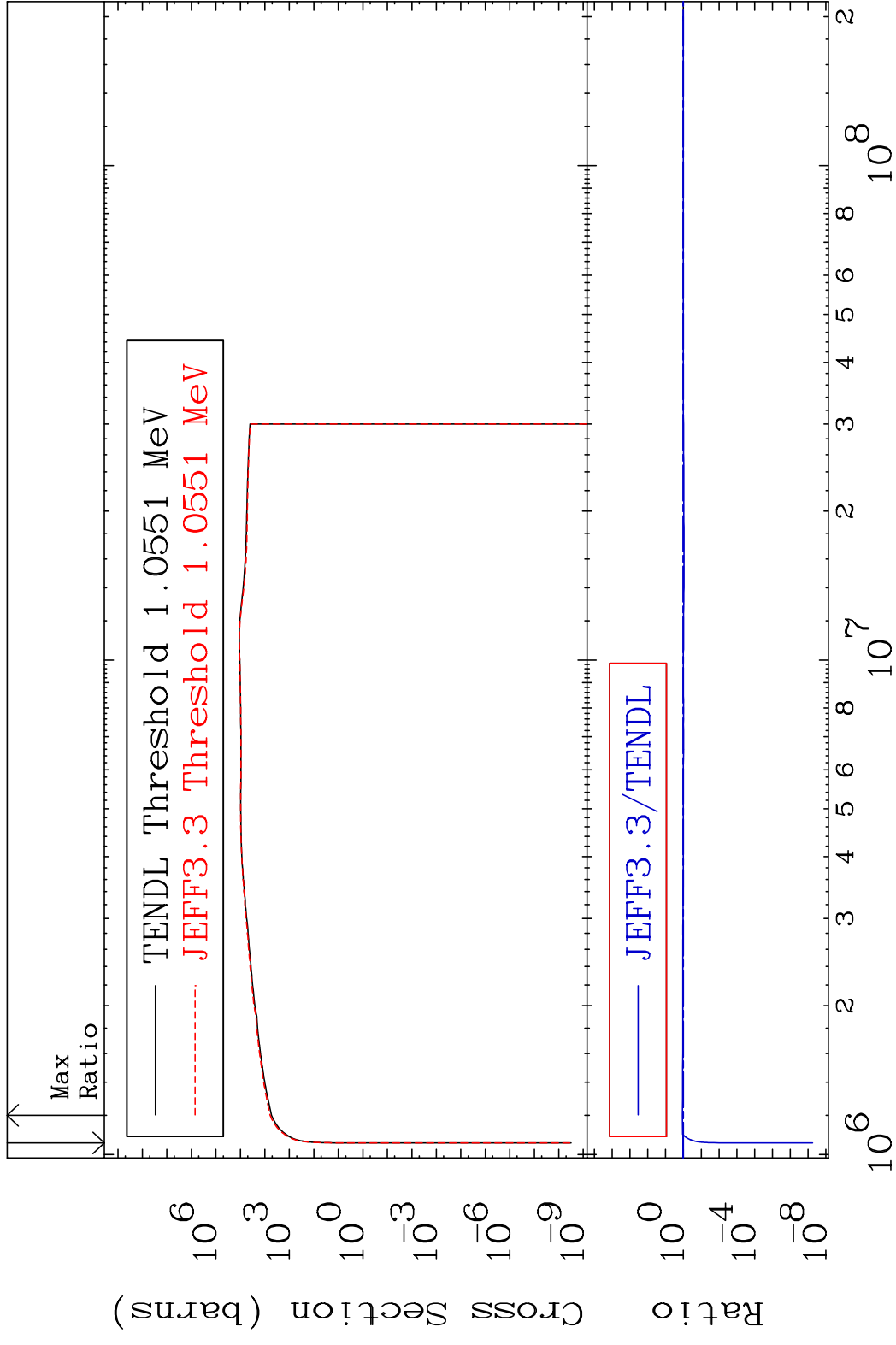


76

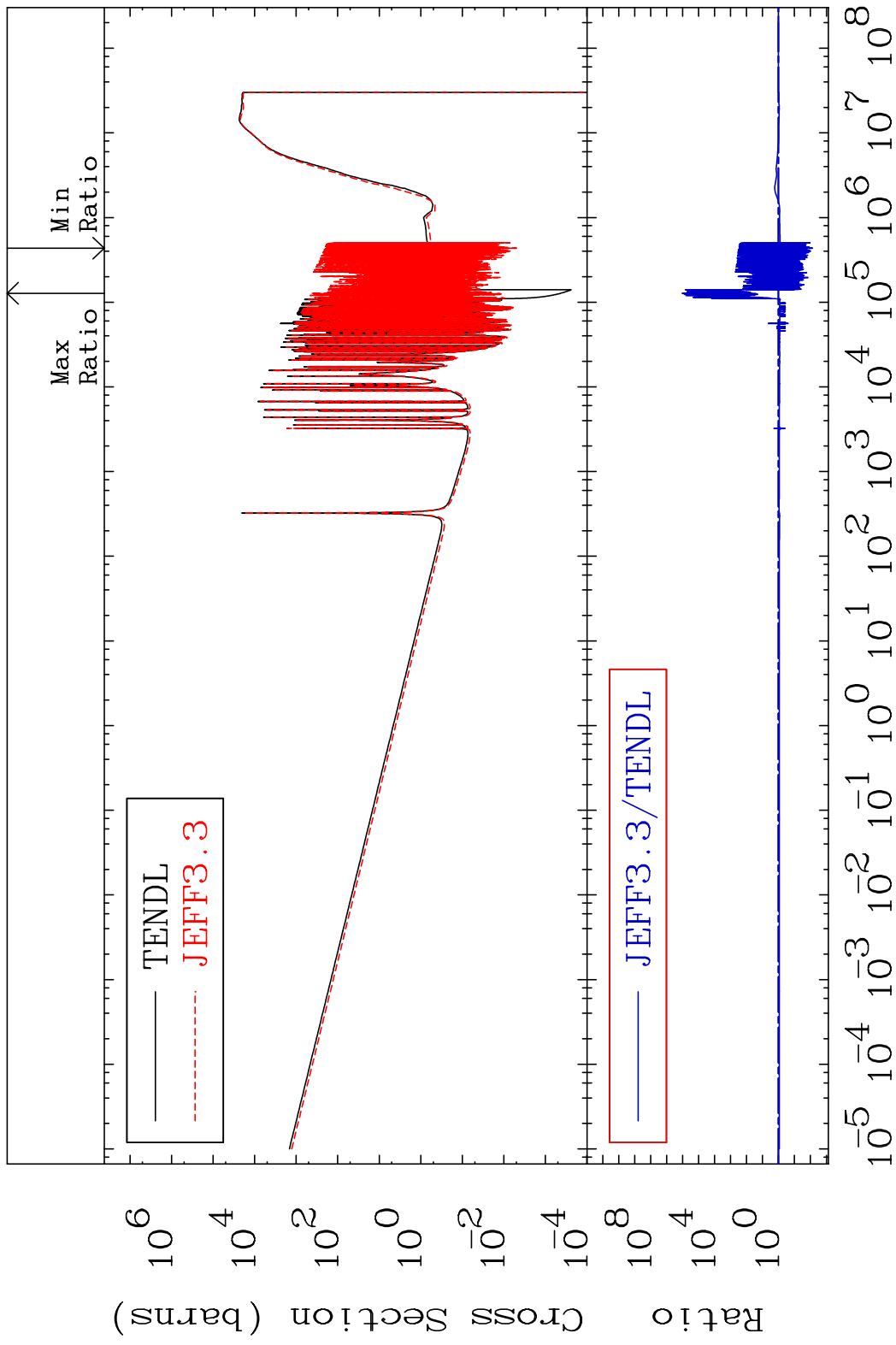
Incident Energy (eV)

30-Zn-66

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

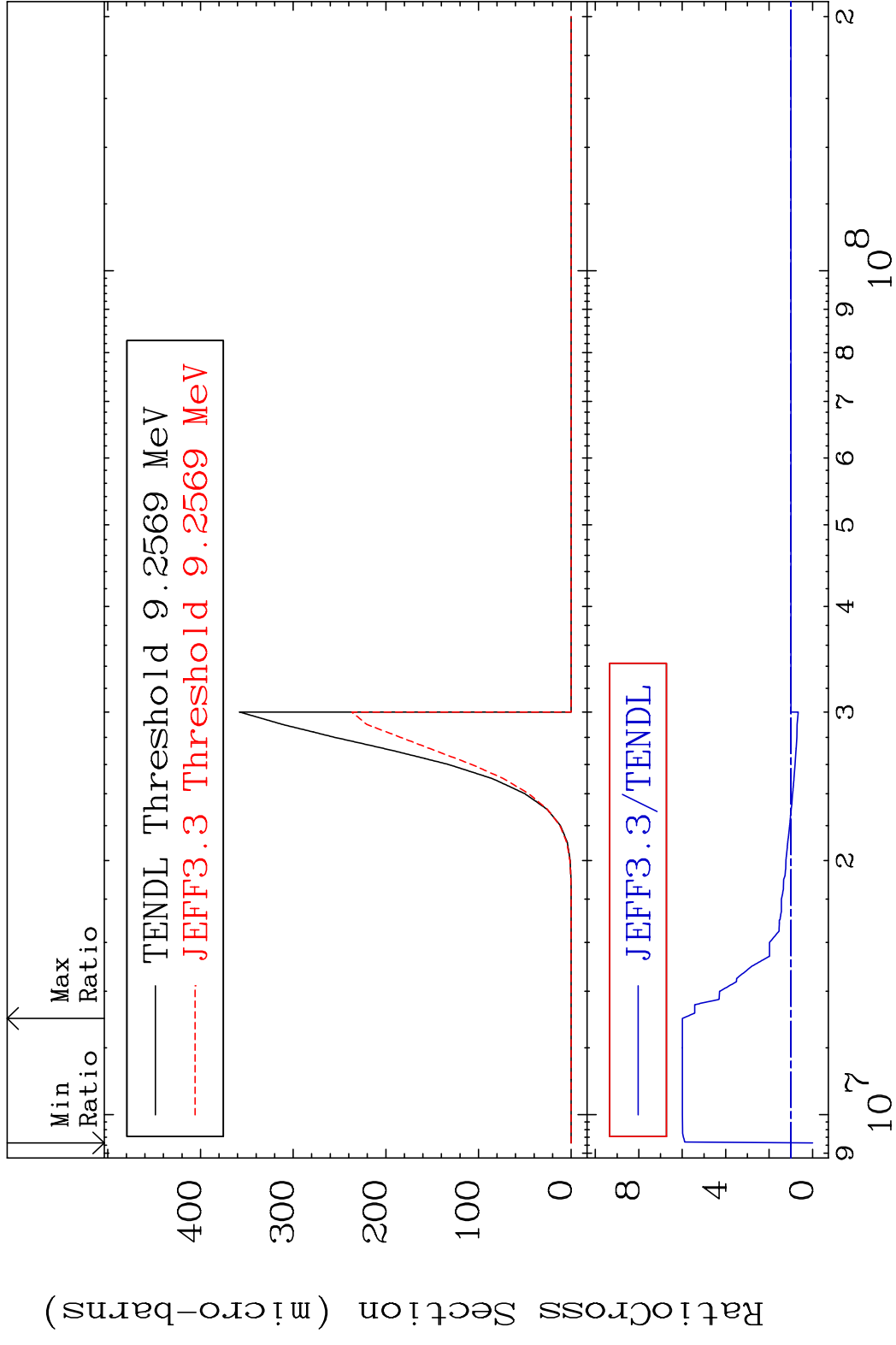


MAT 3031 Dpa disappearance (mt102 -120) 30-Zn-66
 Cross Section -99.26 To 9999. %



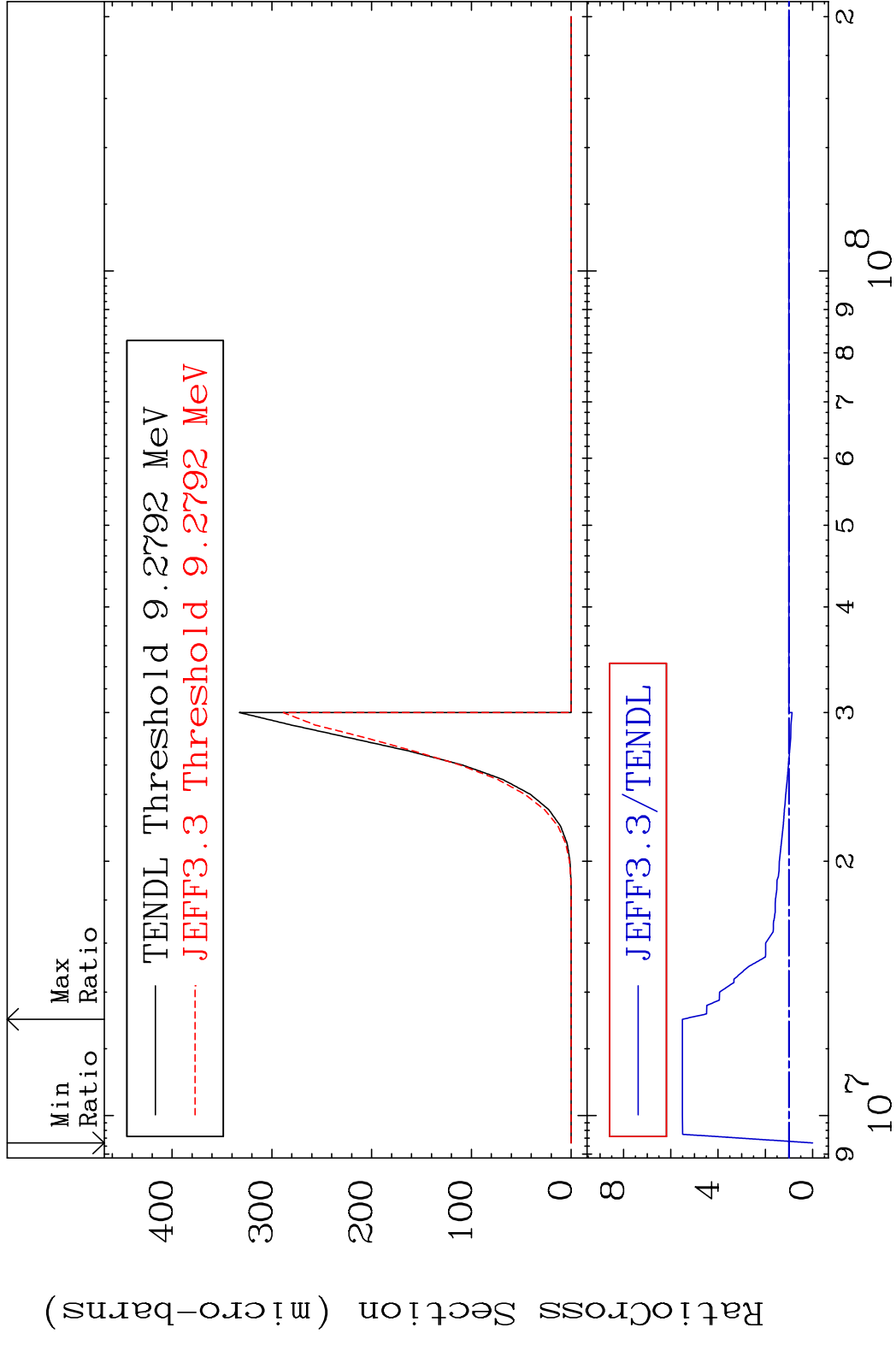
78 Incident Energy (eV) 30-Zn-66

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 180.0 dth 451.2 %



80 30-Zn-66