

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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Press Mouse Button to Start

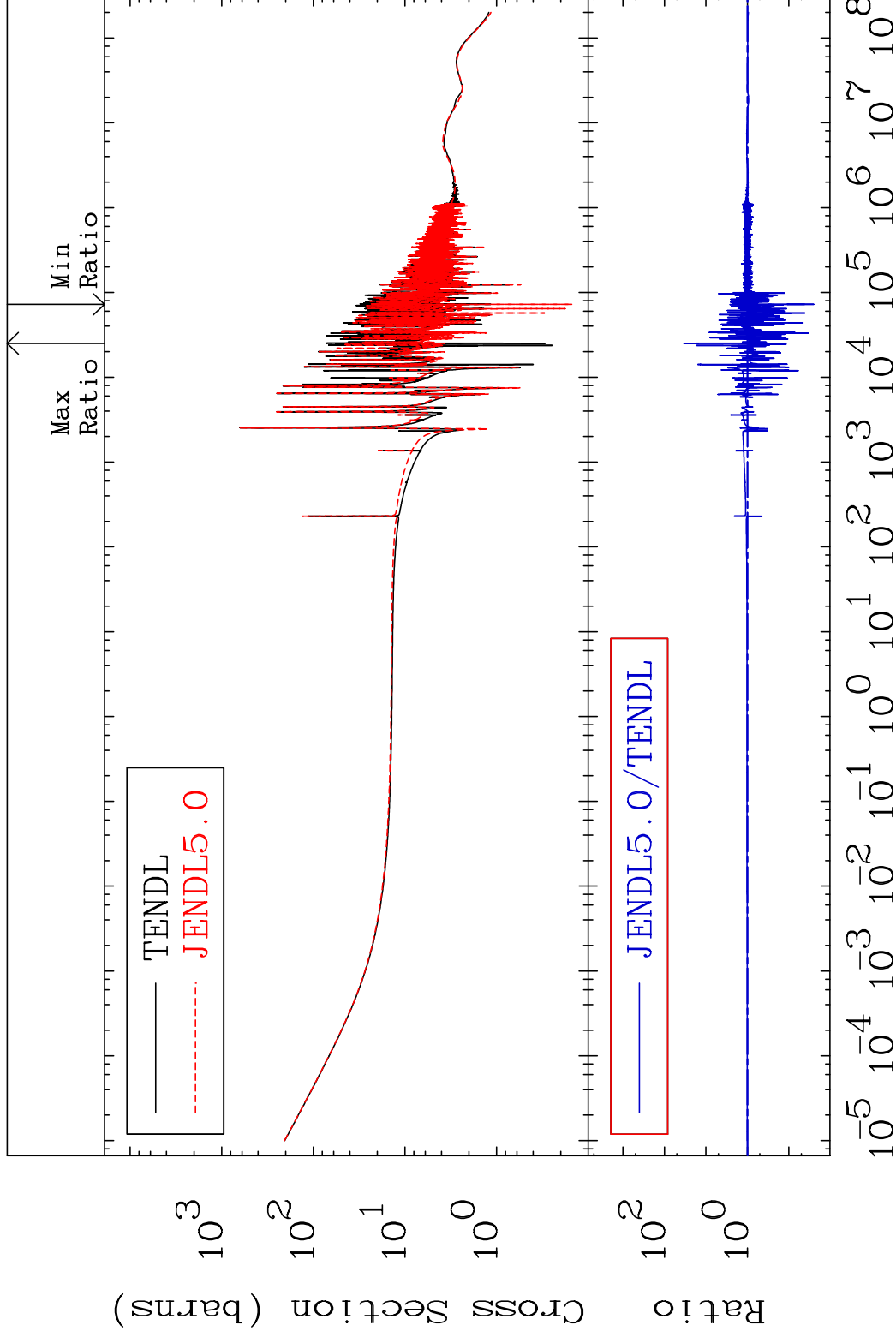
MAT 2931

Total

29-Cu-65

Cross Section

-97.54 To 3334. %



1

Incident Energy (eV)

29-Cu-65

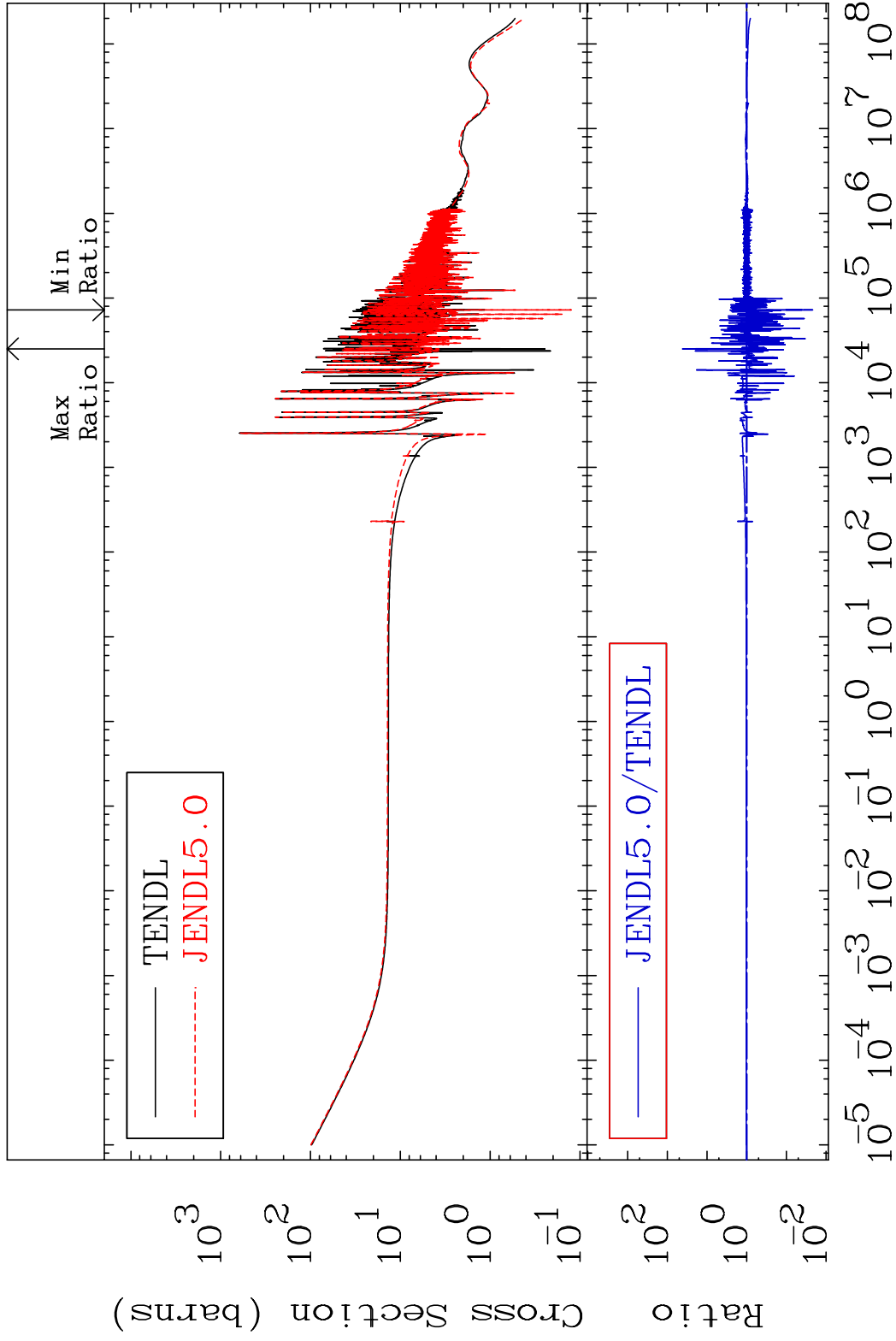
MAT 2931

Elastic

29-Cu-65

Cross Section

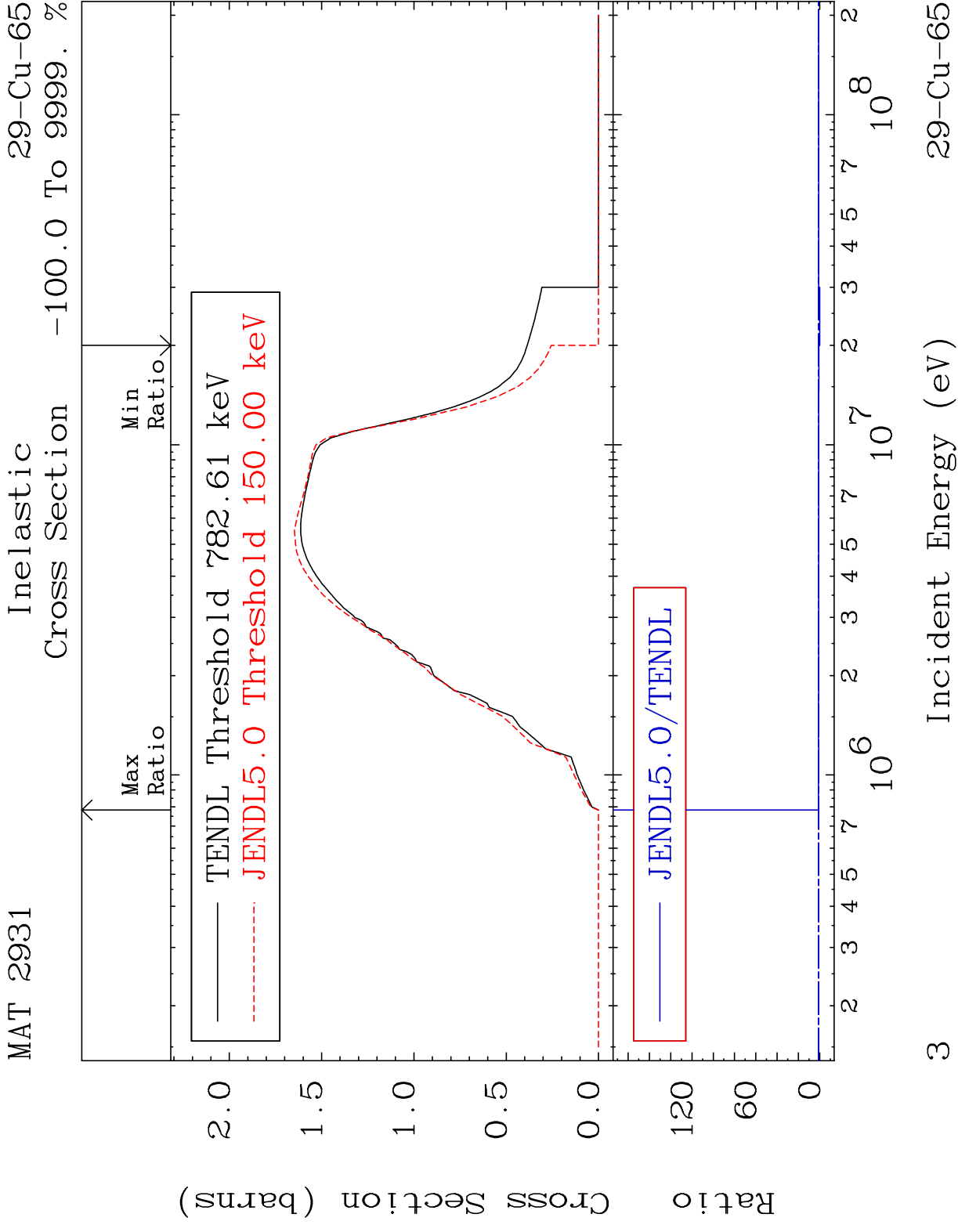
-97.82 To 4060. %



2

Incident Energy (eV)

29-Cu-65

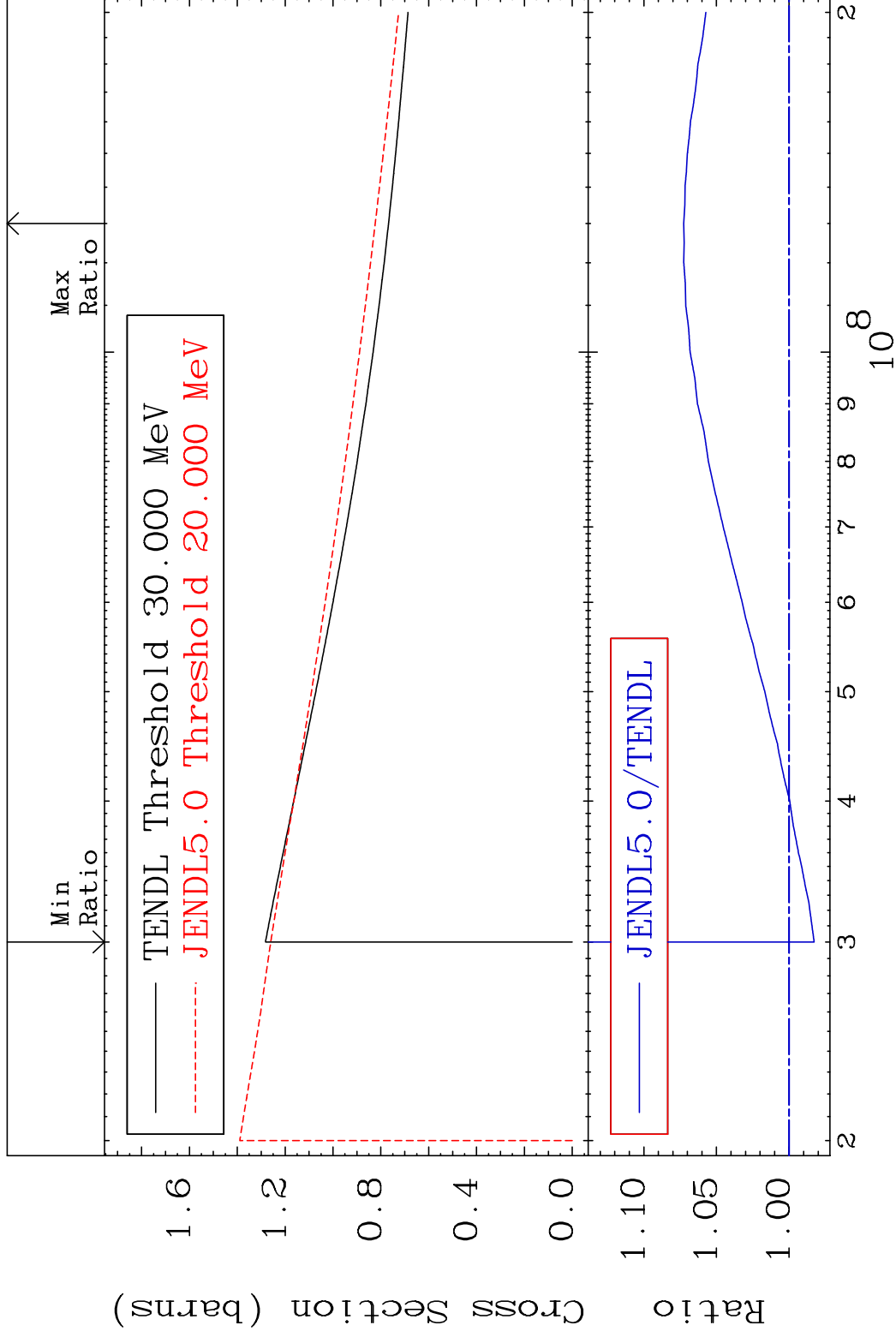


MAT 2931

(n, remainder)

29-Cu-65

Cross Section -1.720 To 7.259 %



4

Incident Energy (eV)

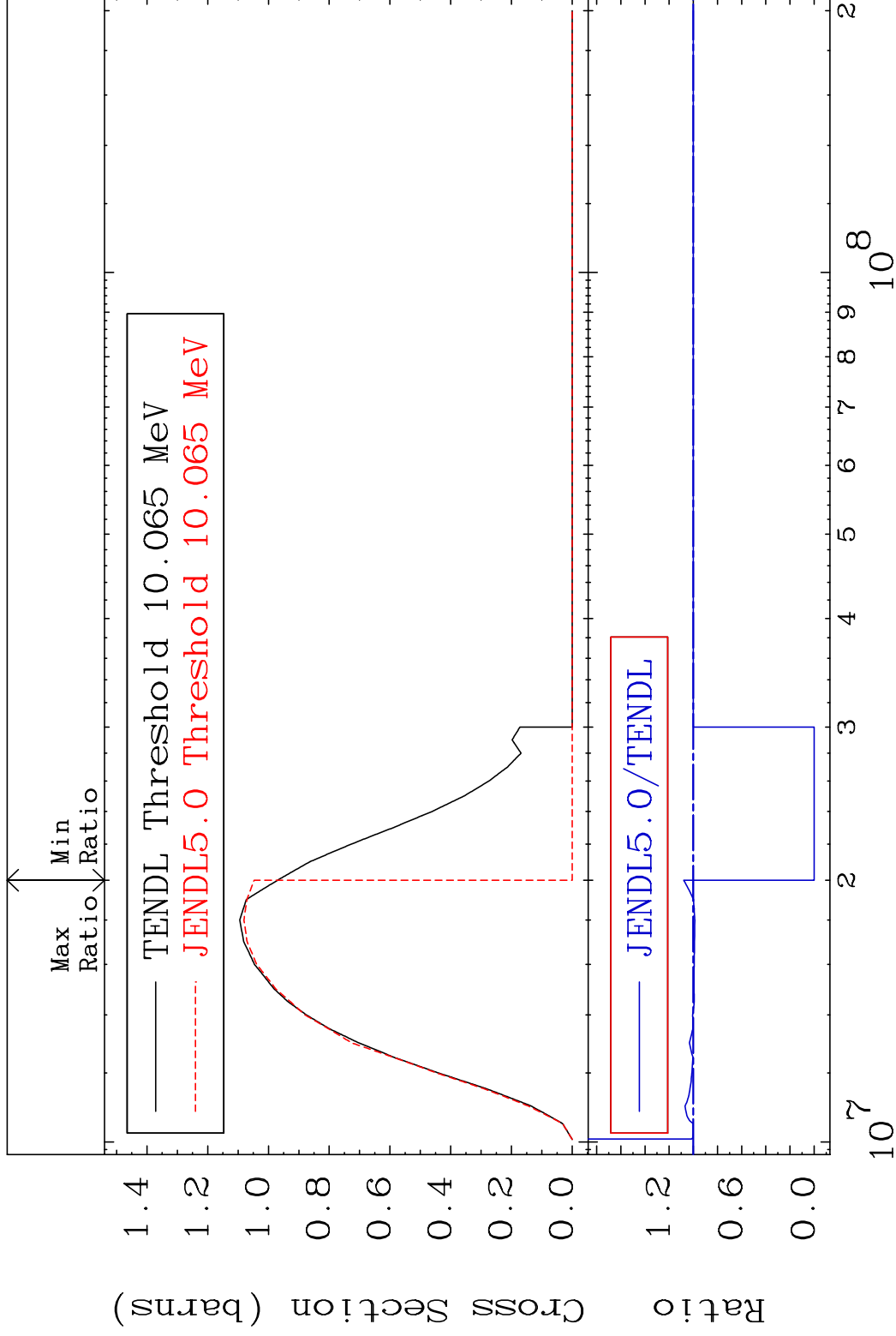
29-Cu-65

MAT 2931

(n,2n)

29-Cu-65

Cross Section -100.0 To 7.977 %

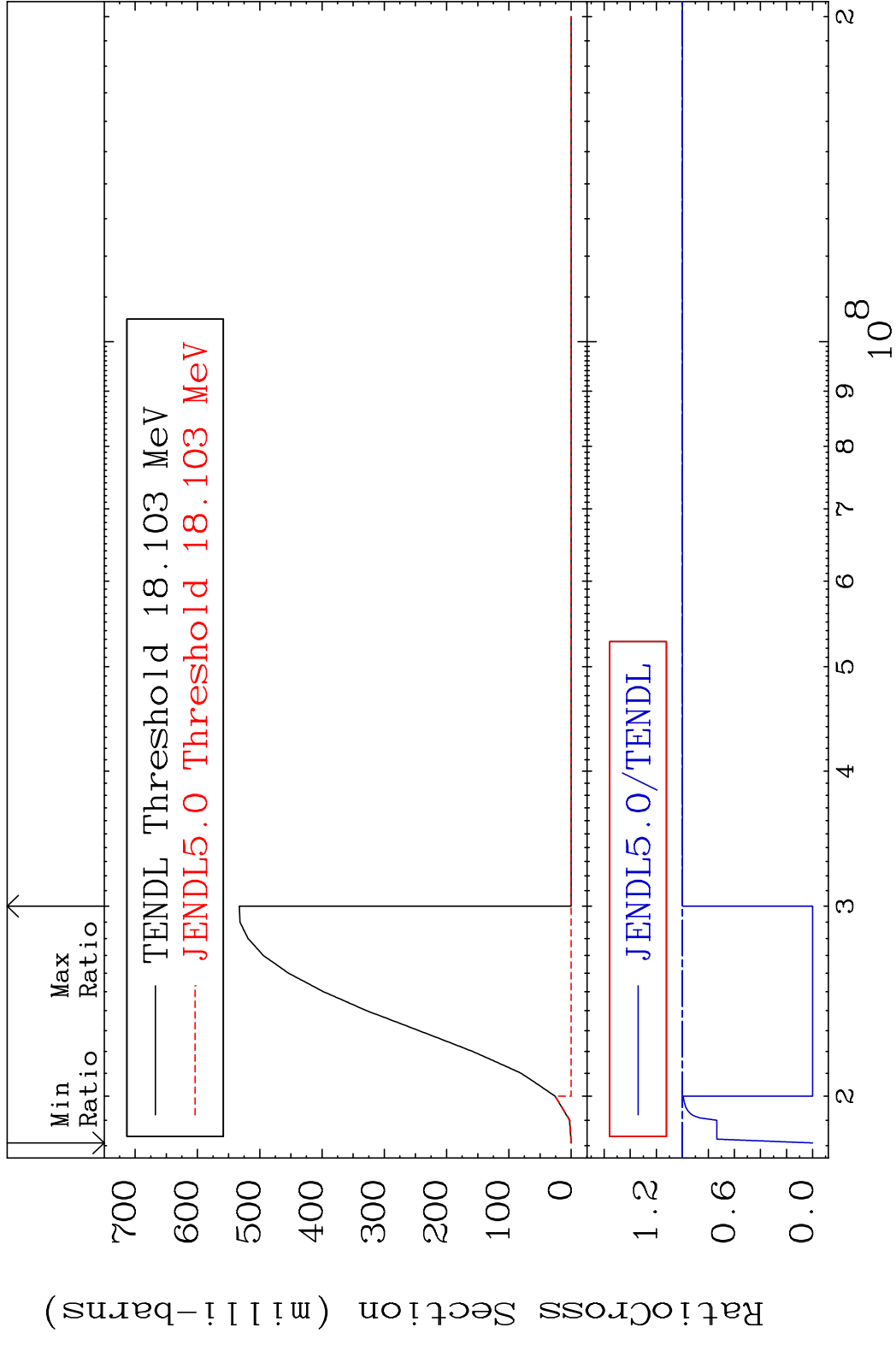


5

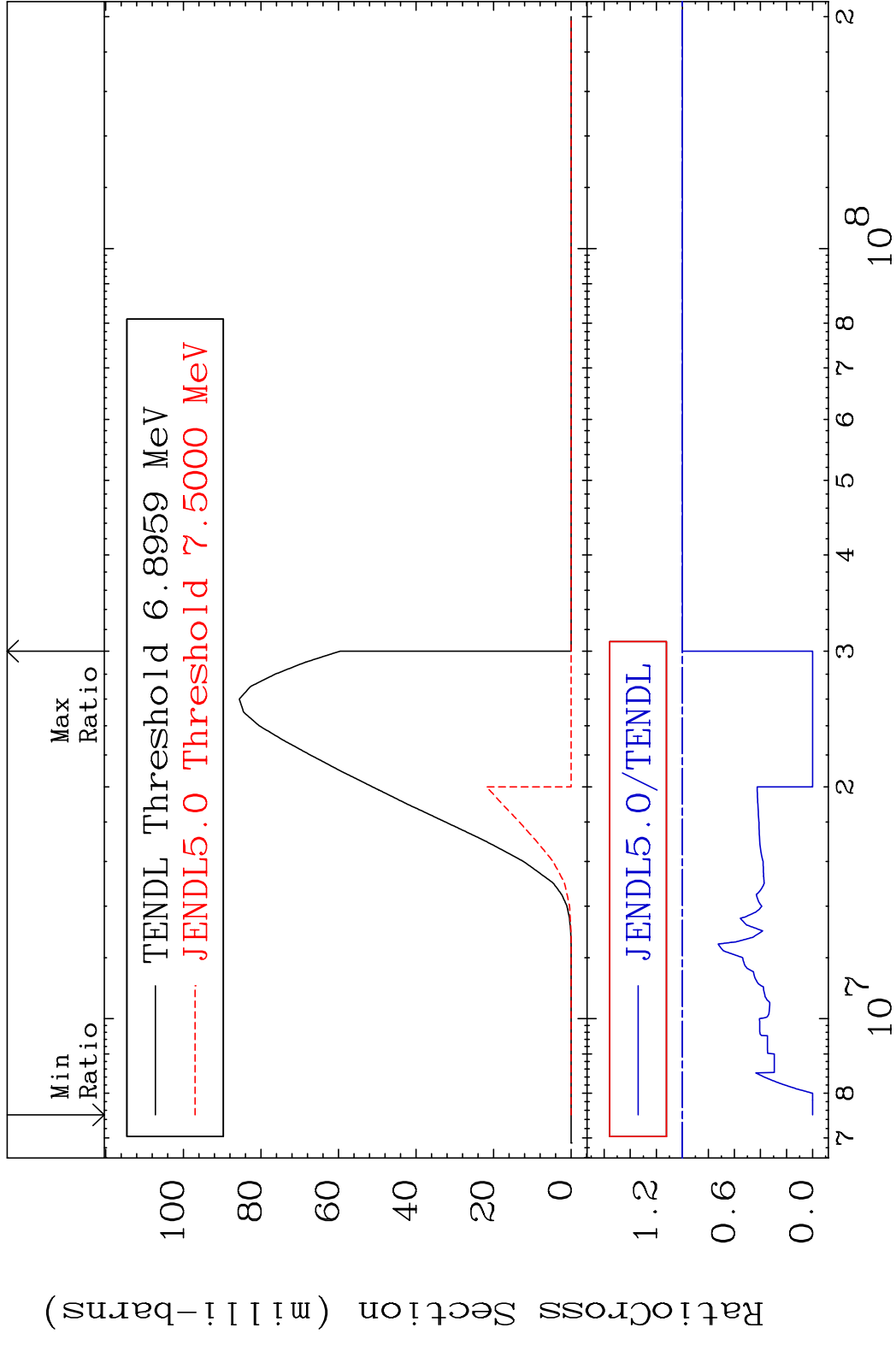
Incident Energy (eV)

29-Cu-65

MAT 2931 (n,3n) 29-Cu-65
 Cross Section -100.0 To 0.000 %

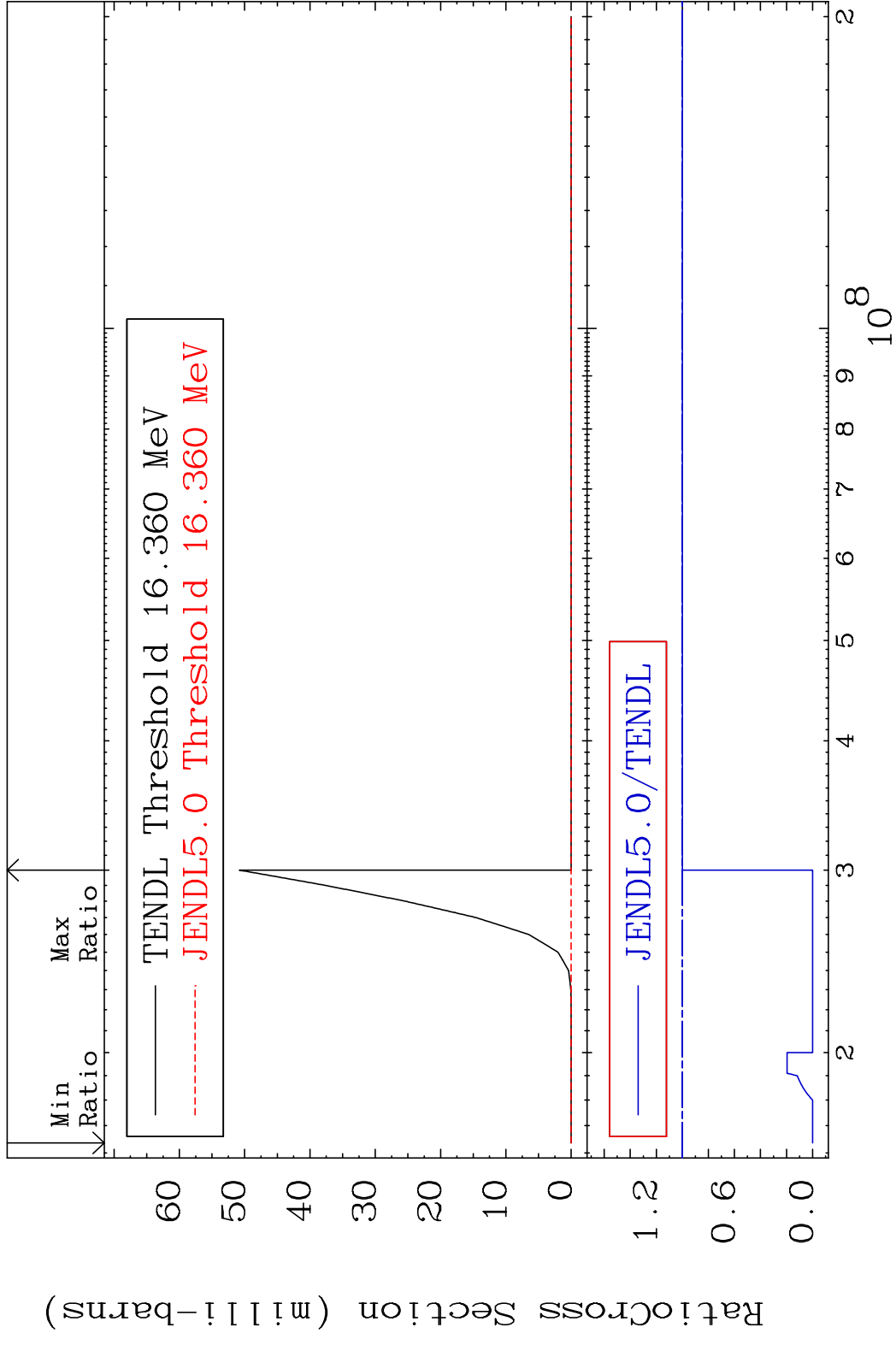


MAT 2931 (n, n') α 29-Cu-65
 Cross Section -100.0 To 0.000 %

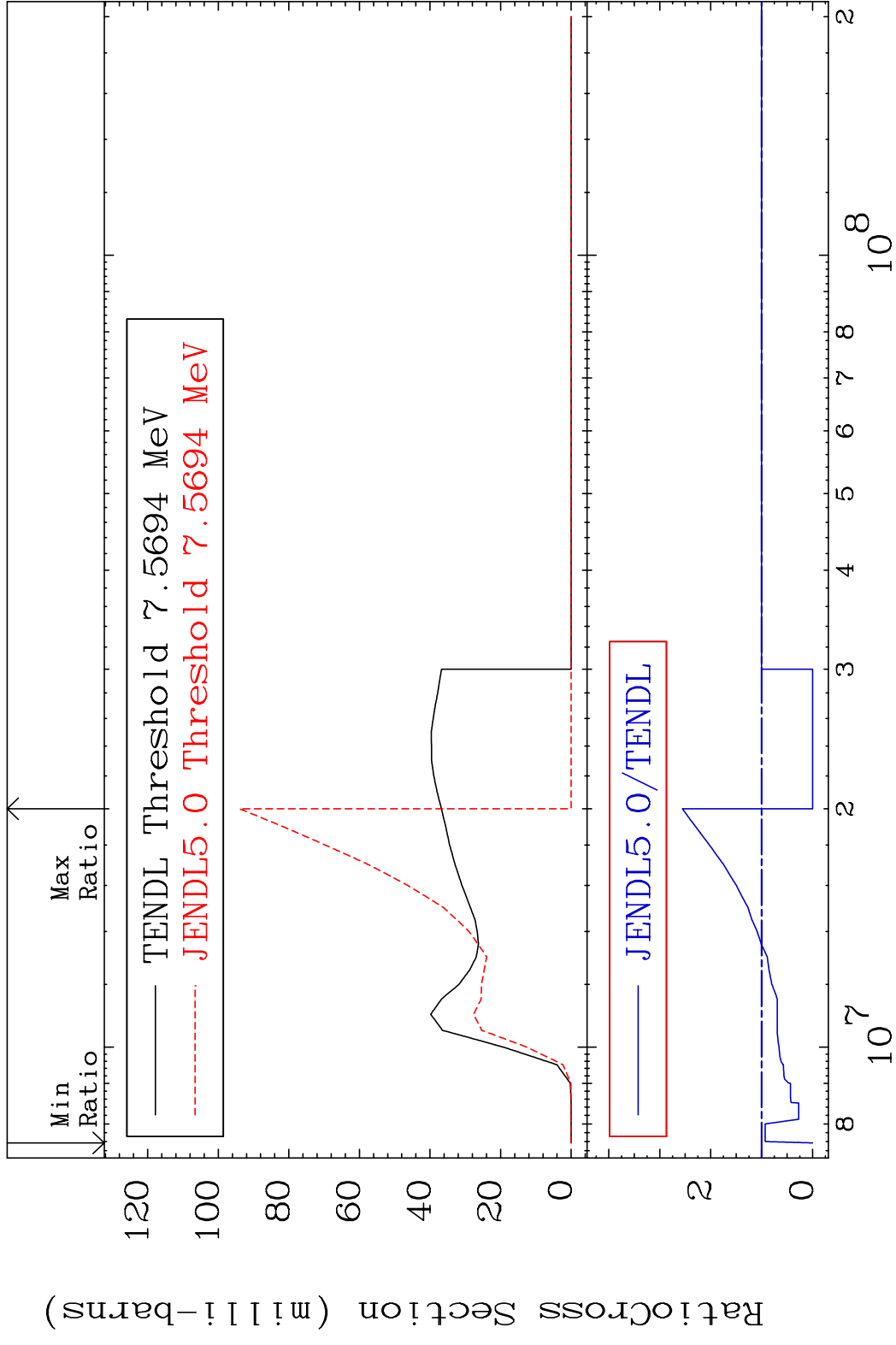


7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 29-Cu-65

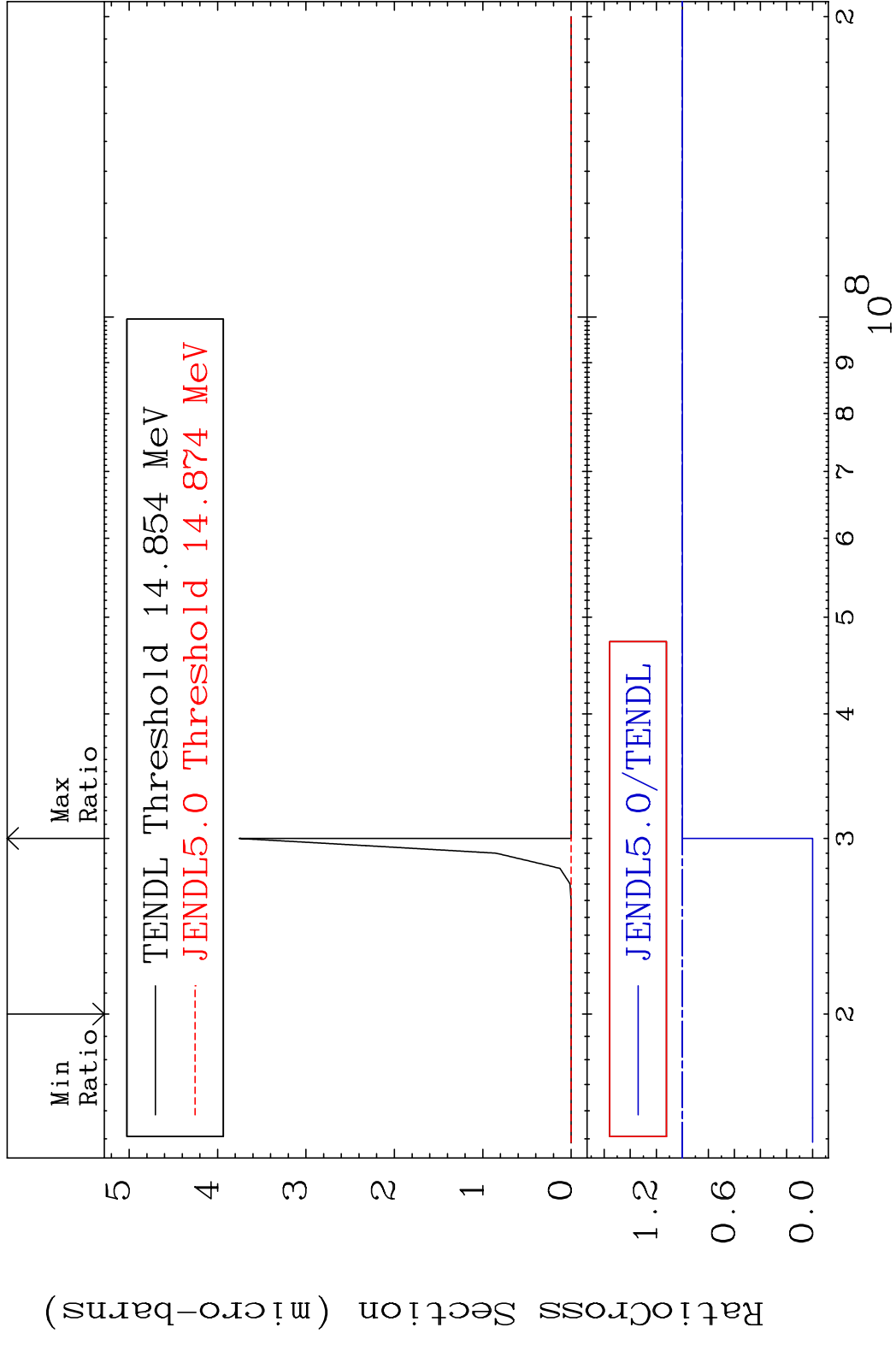
MAT 2931 (n,2n) α 29-Cu-65
 Cross Section -100.0 To 0.000 %



MAT 2931 (n, n') p 29-Cu-65
 Cross Section -100.0 To 155.6 %

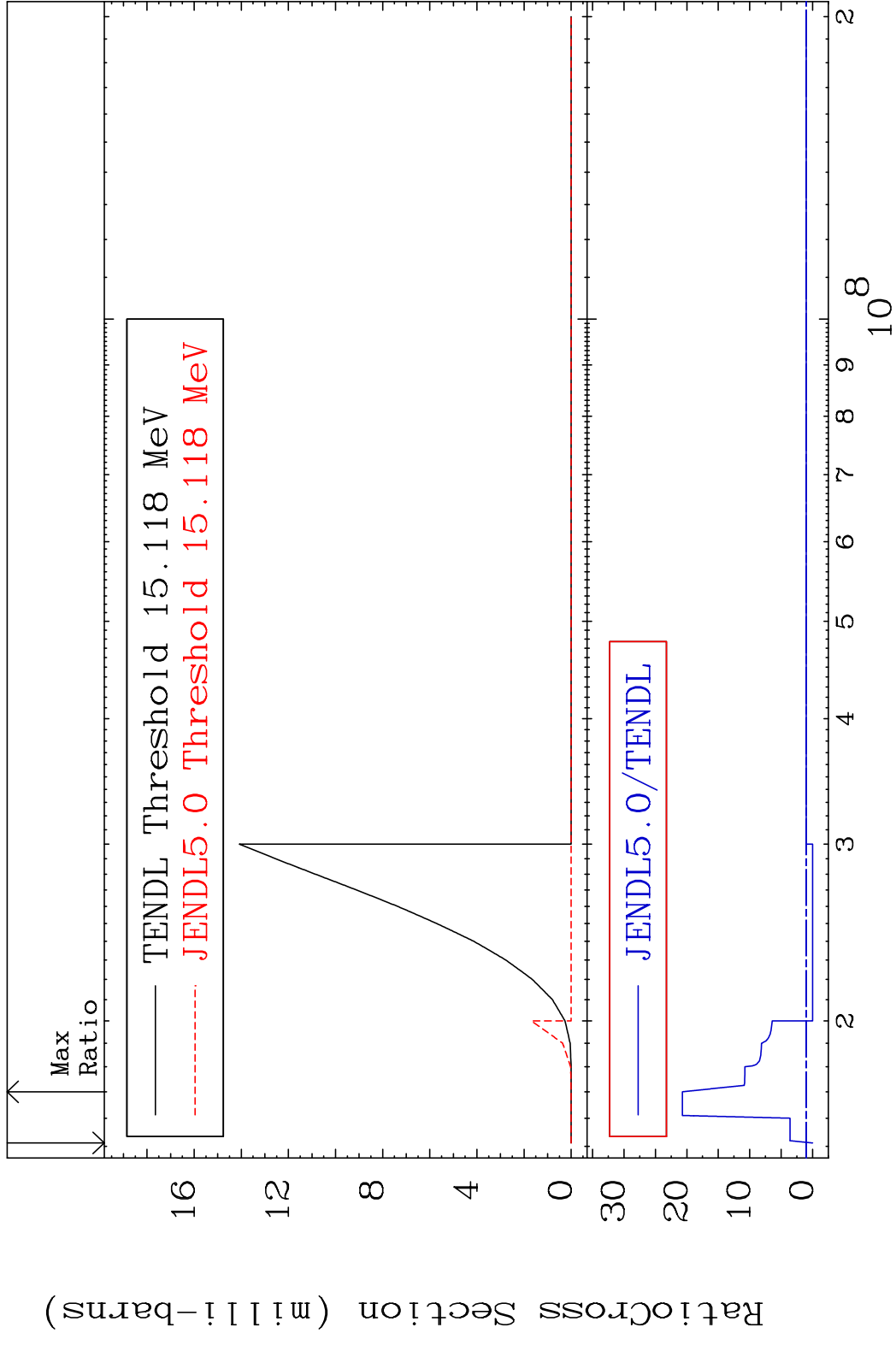


MAT 2931 (n, n') 2α 29-Cu-65
 Cross Section -100.0 To 0.000 %

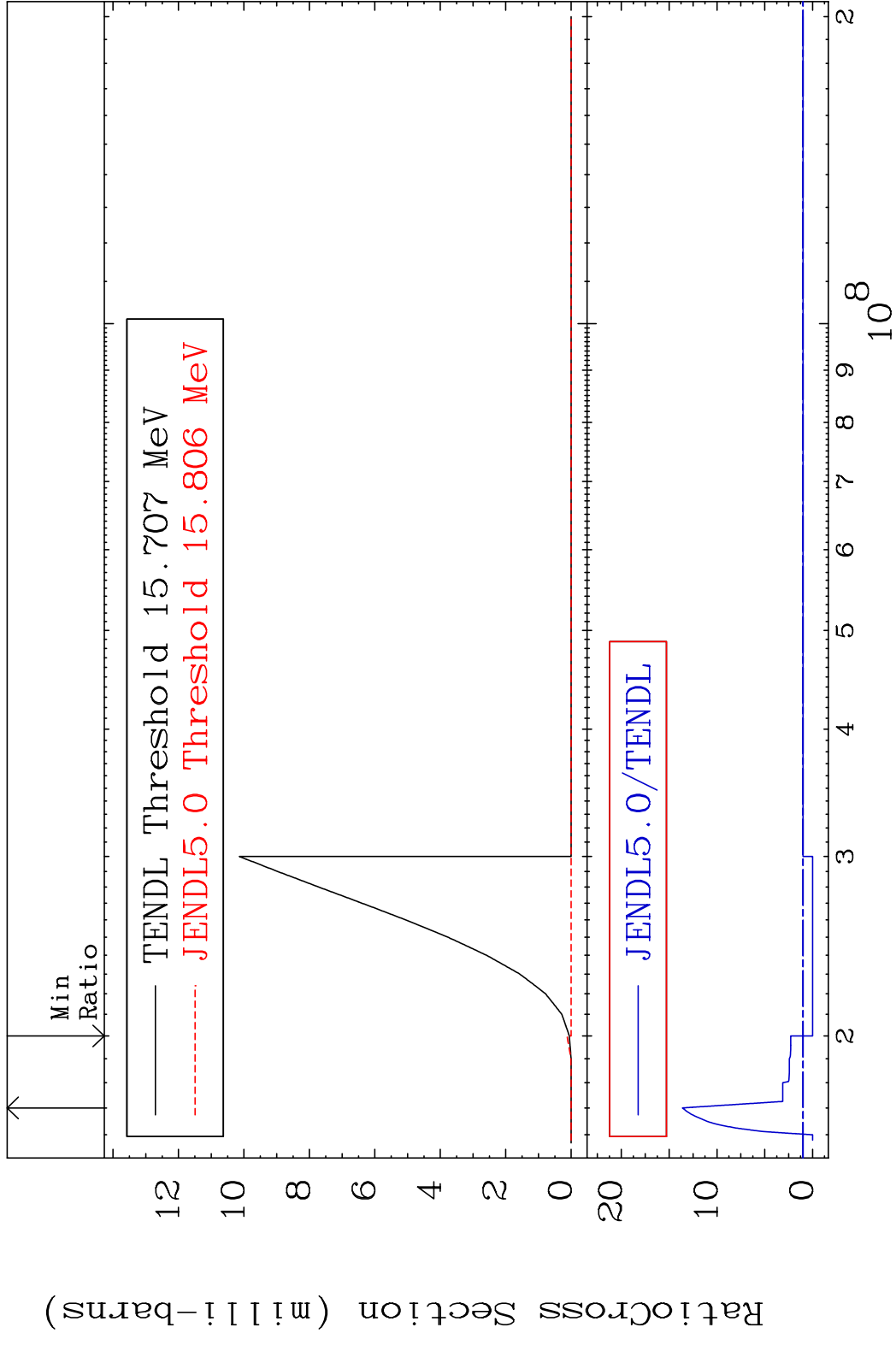


10 Incident Energy (eV) 29-Cu-65

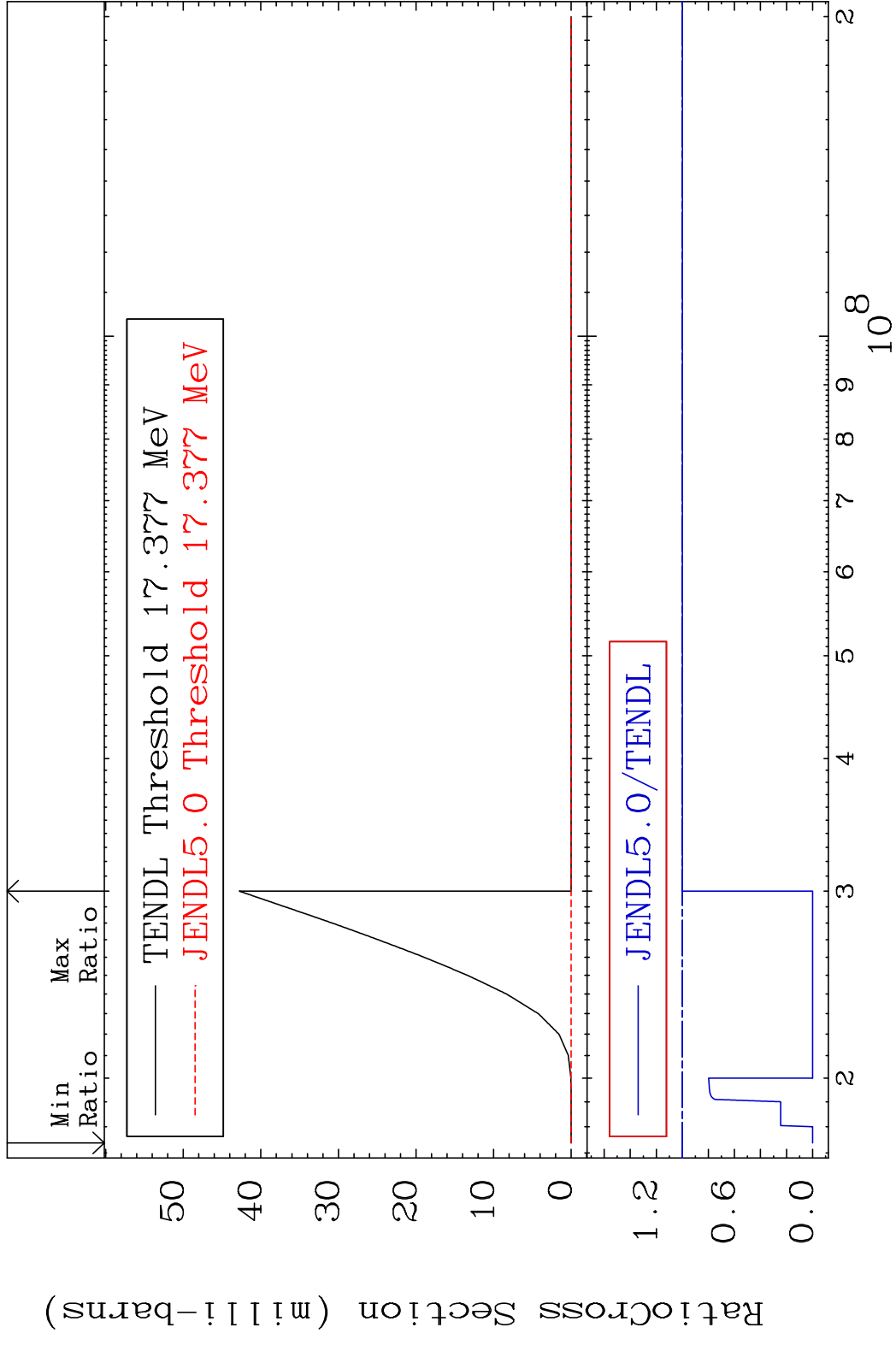
MAT 2931 (n, n') d 29-Cu-65
 Cross Section -100.0 To 1972. %



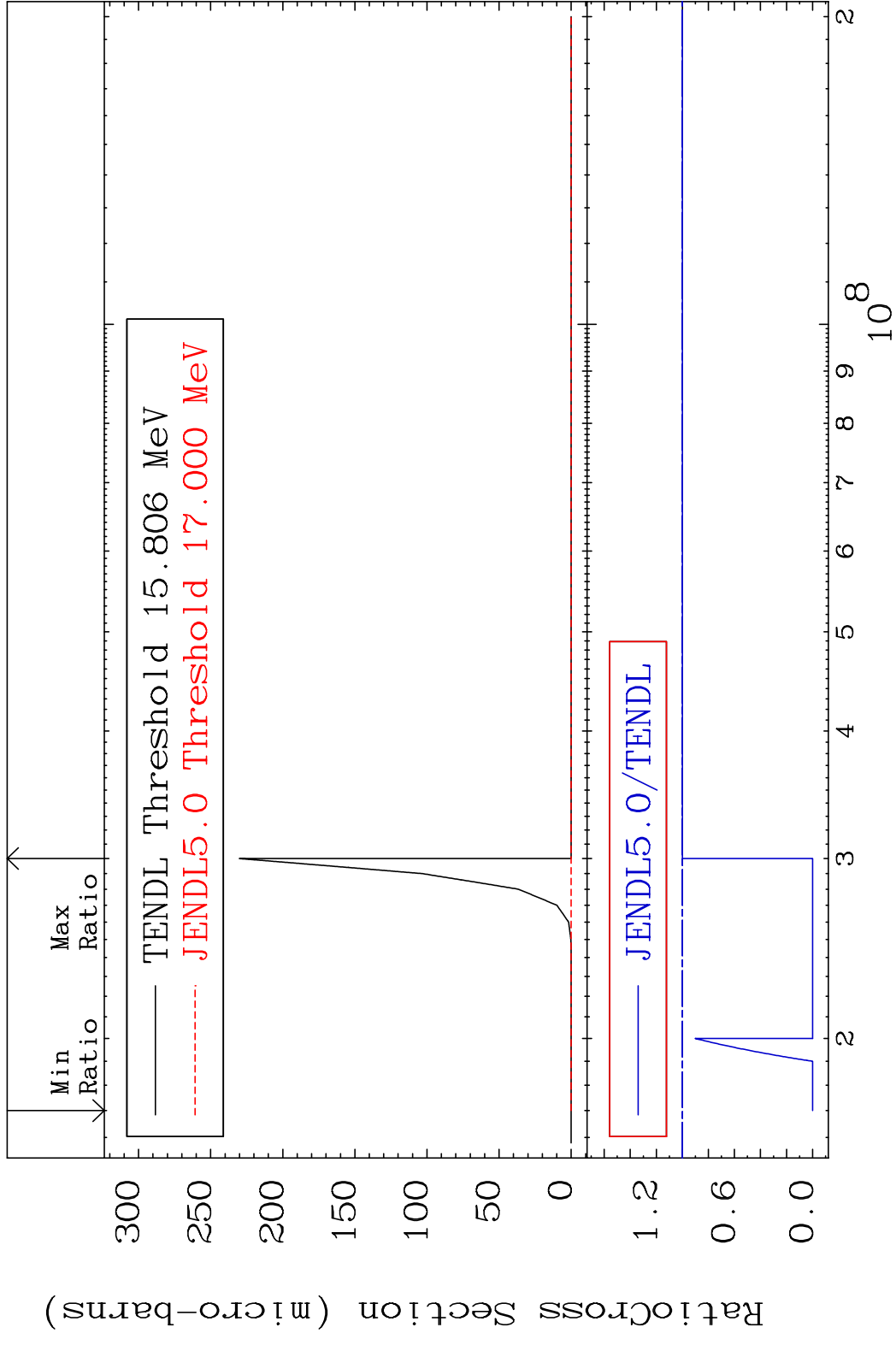
MAT 2931 (n, n') t 29-Cu-65
 Cross Section -100.0 To 1262. %



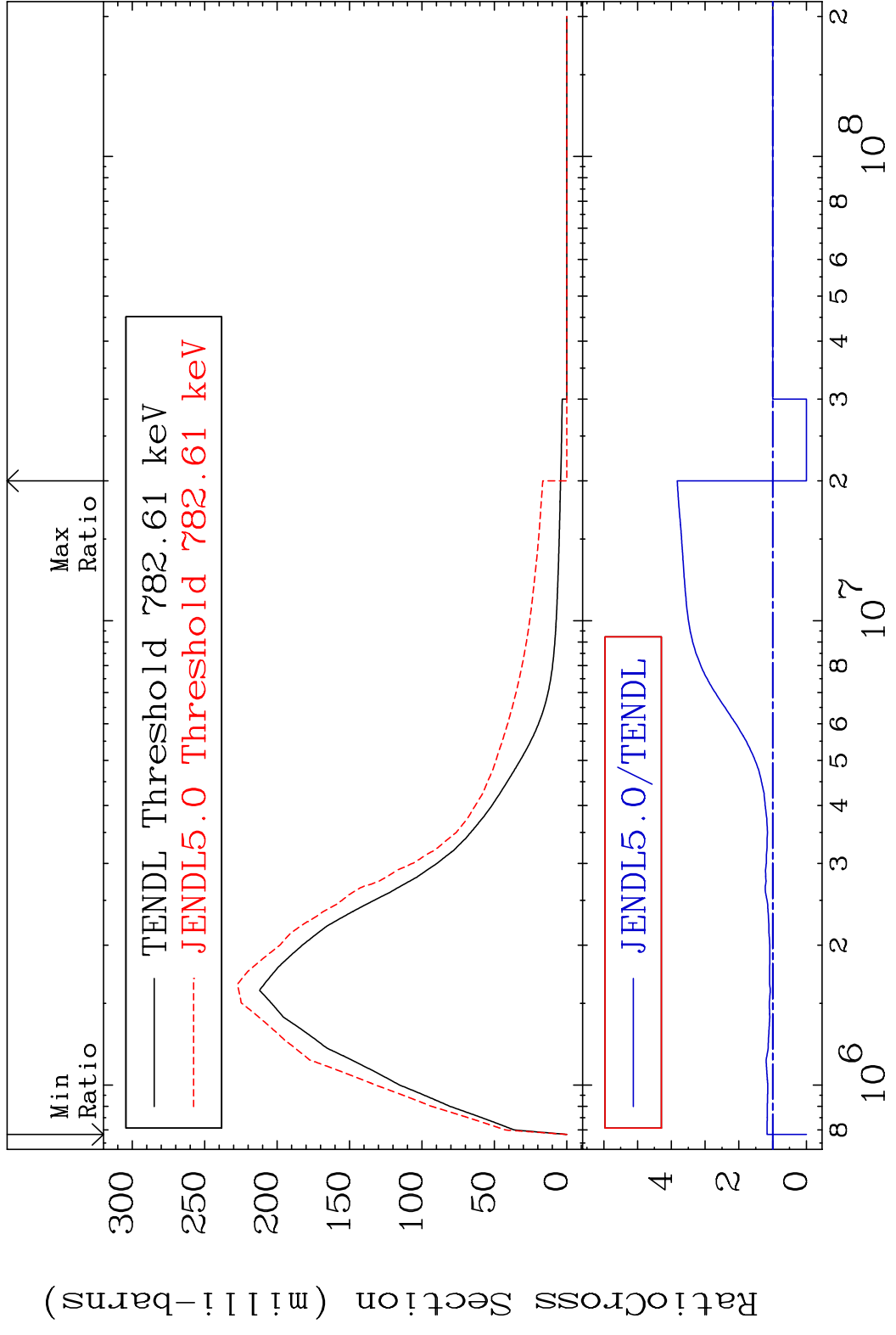
MAT 2931 (n,2n) p 29-Cu-65
 Cross Section -100.0 To 0.000 %



MAT 2931 (n,n') p α 29-Cu-65
 Cross Section -100.0 To 0.000 %

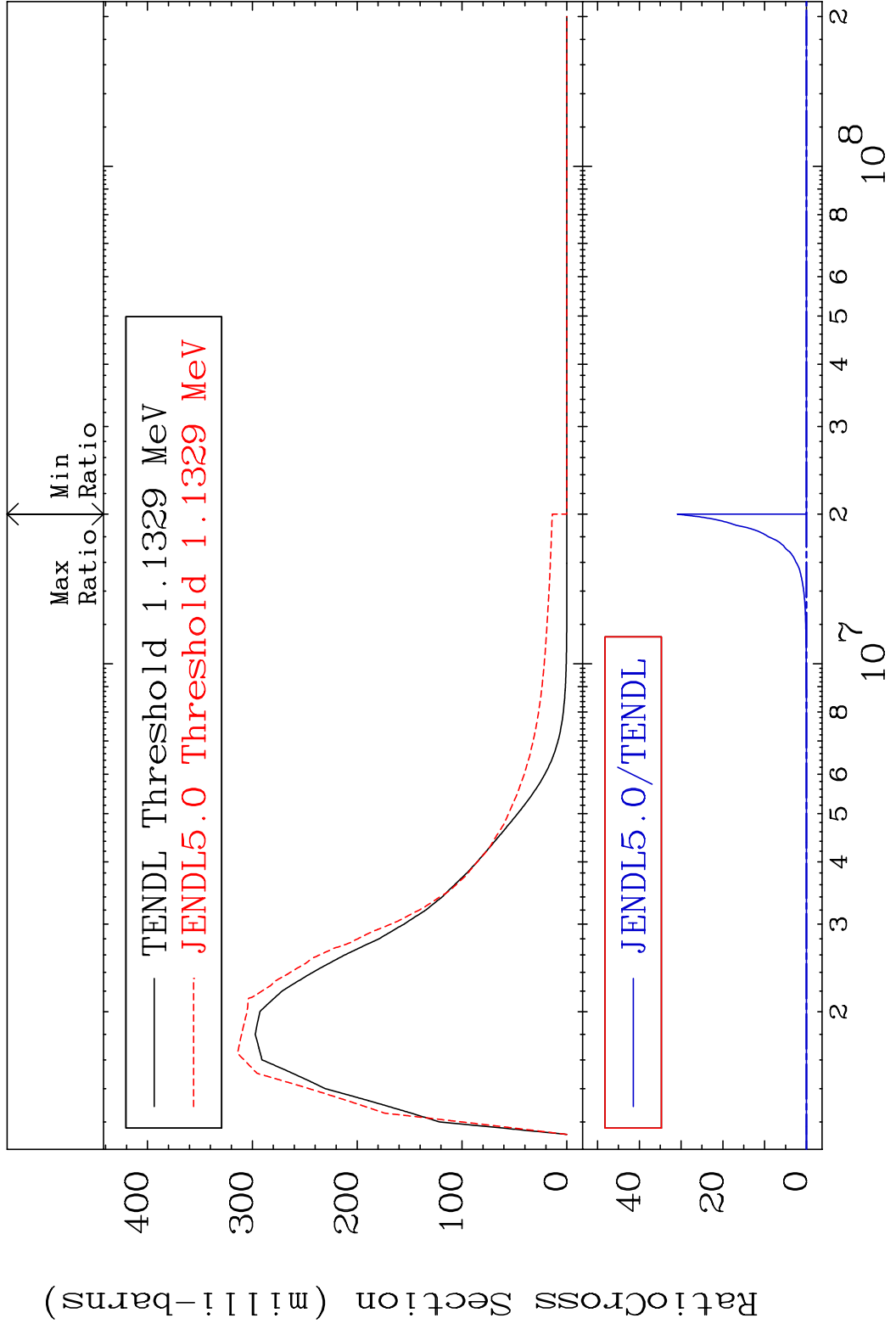


MAT 2931 MT= 51 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 282.7 %



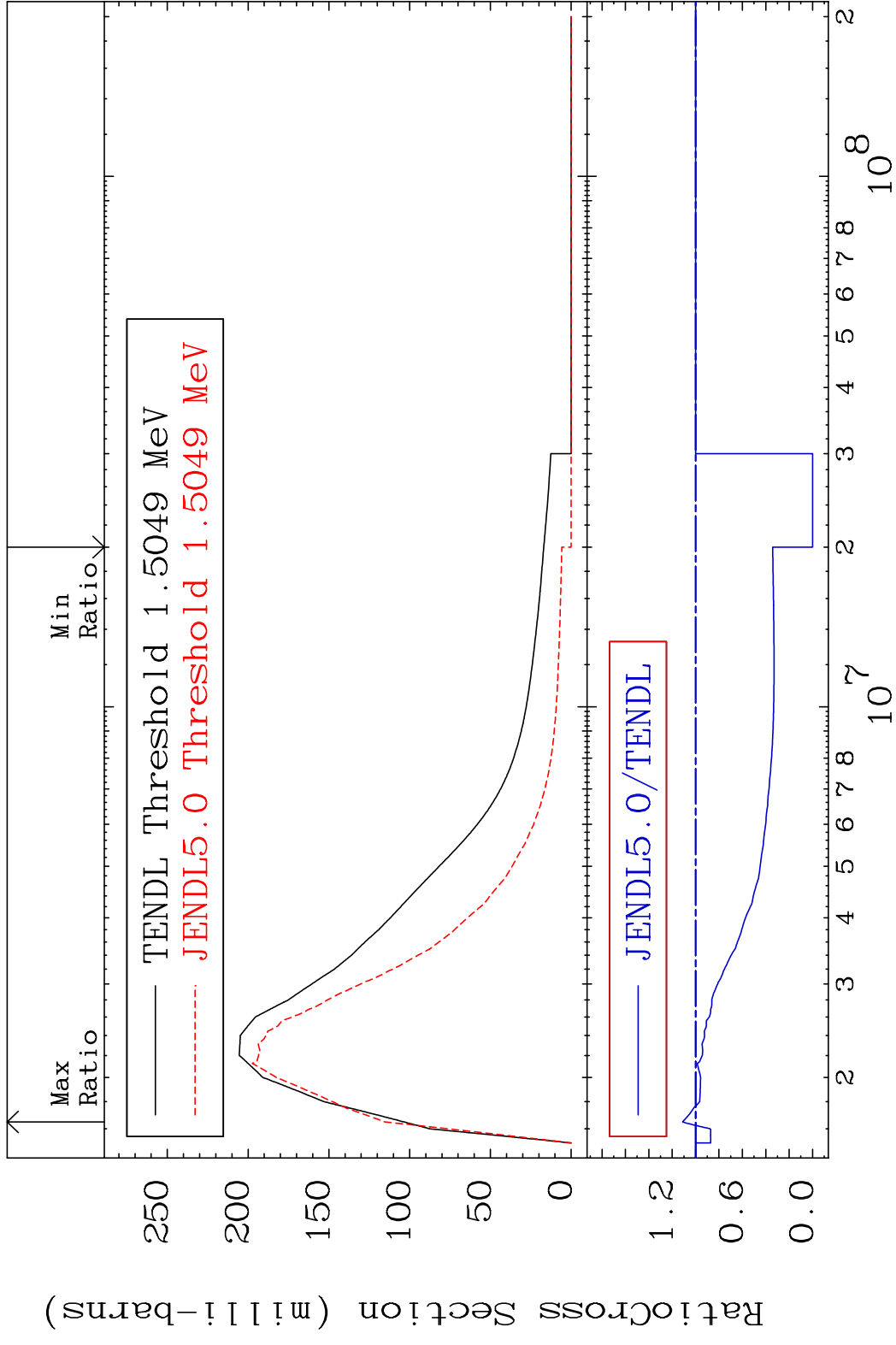
15 29-Cu-65

MAT 2931 MT= 52 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 9999. %

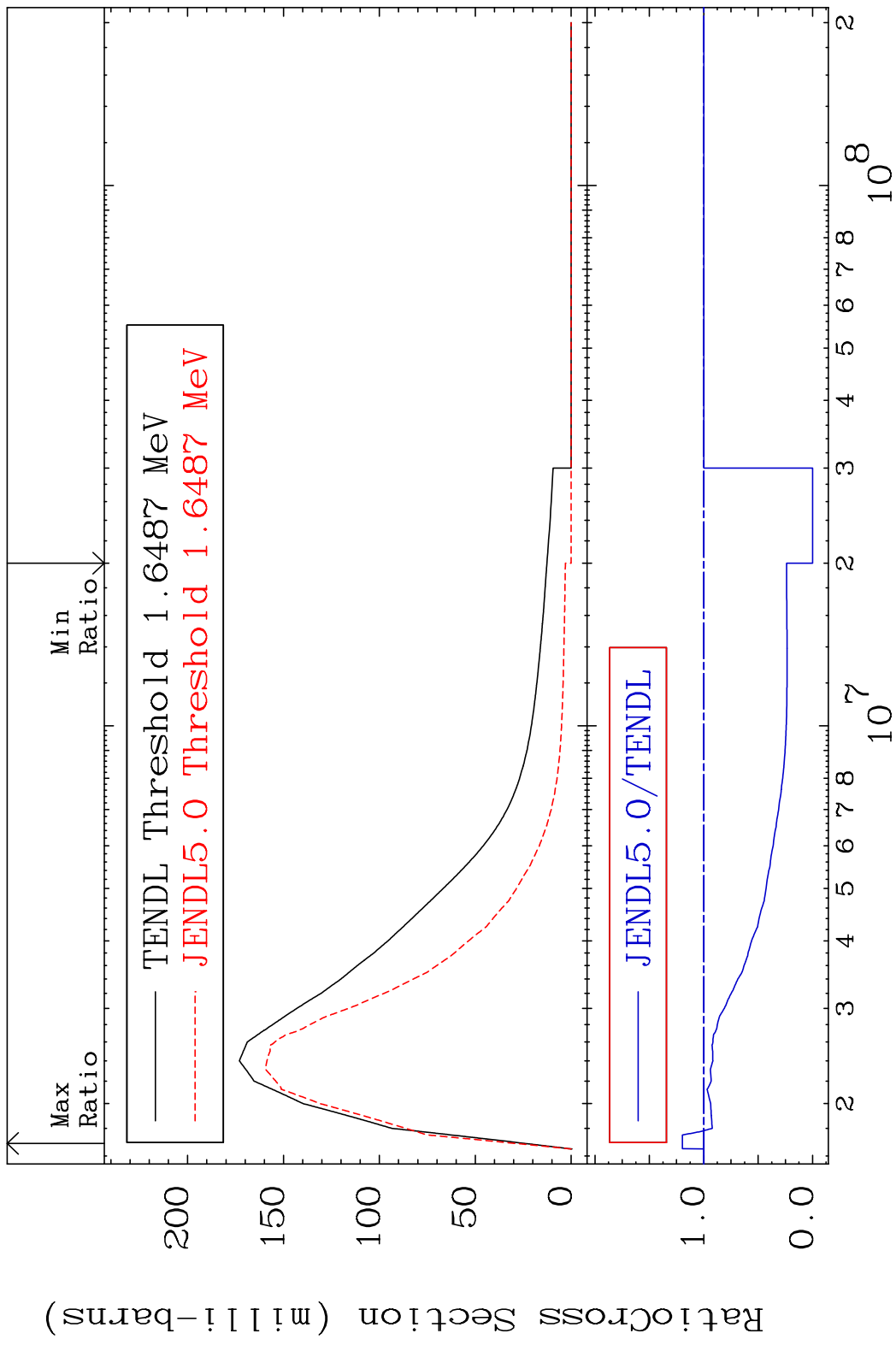


16 Incident Energy (eV) 29-Cu-65

MAT 2931 MT= 53 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 11.32 %

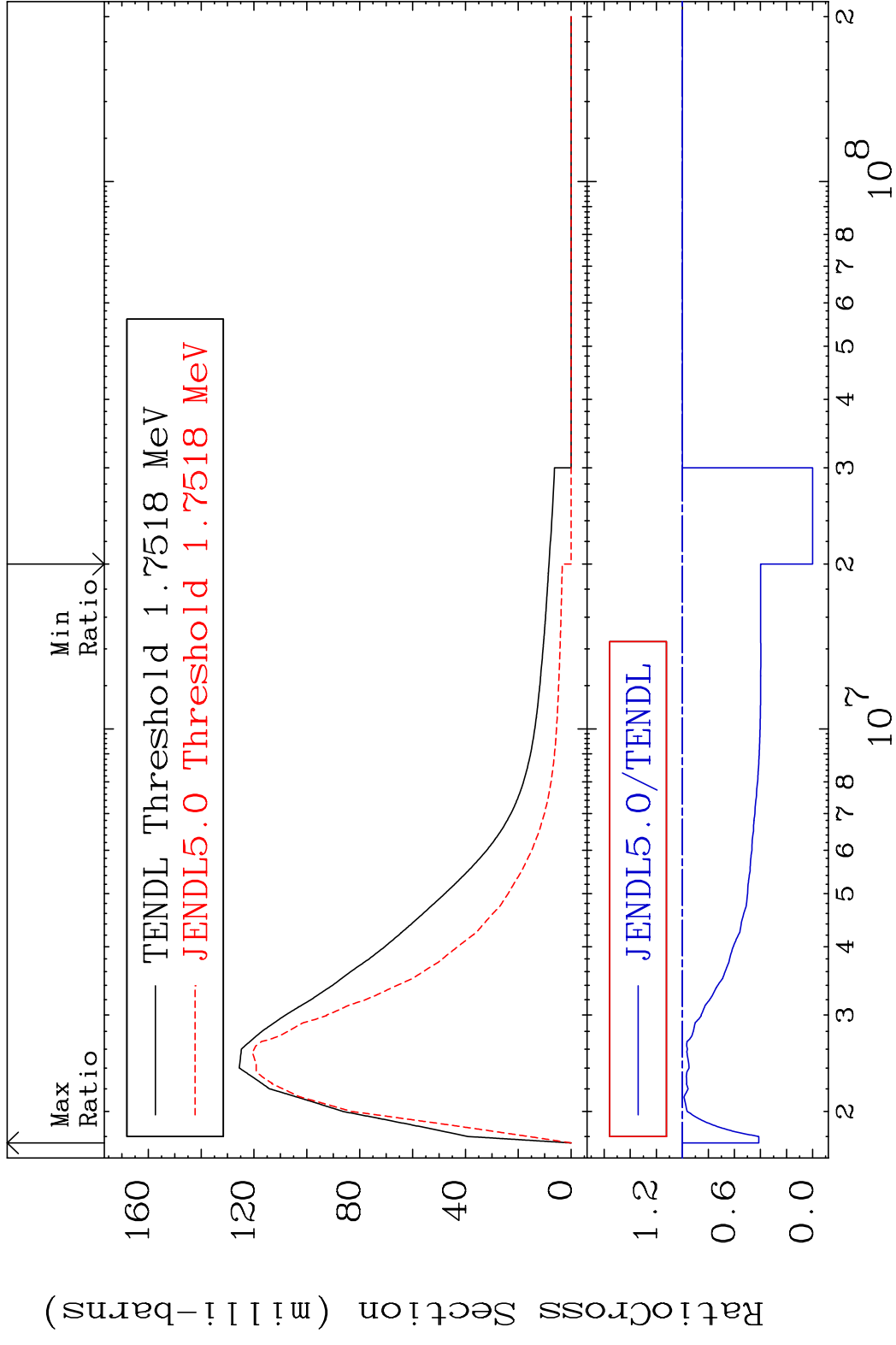


MAT 2931 MT= 54 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 19.67 %

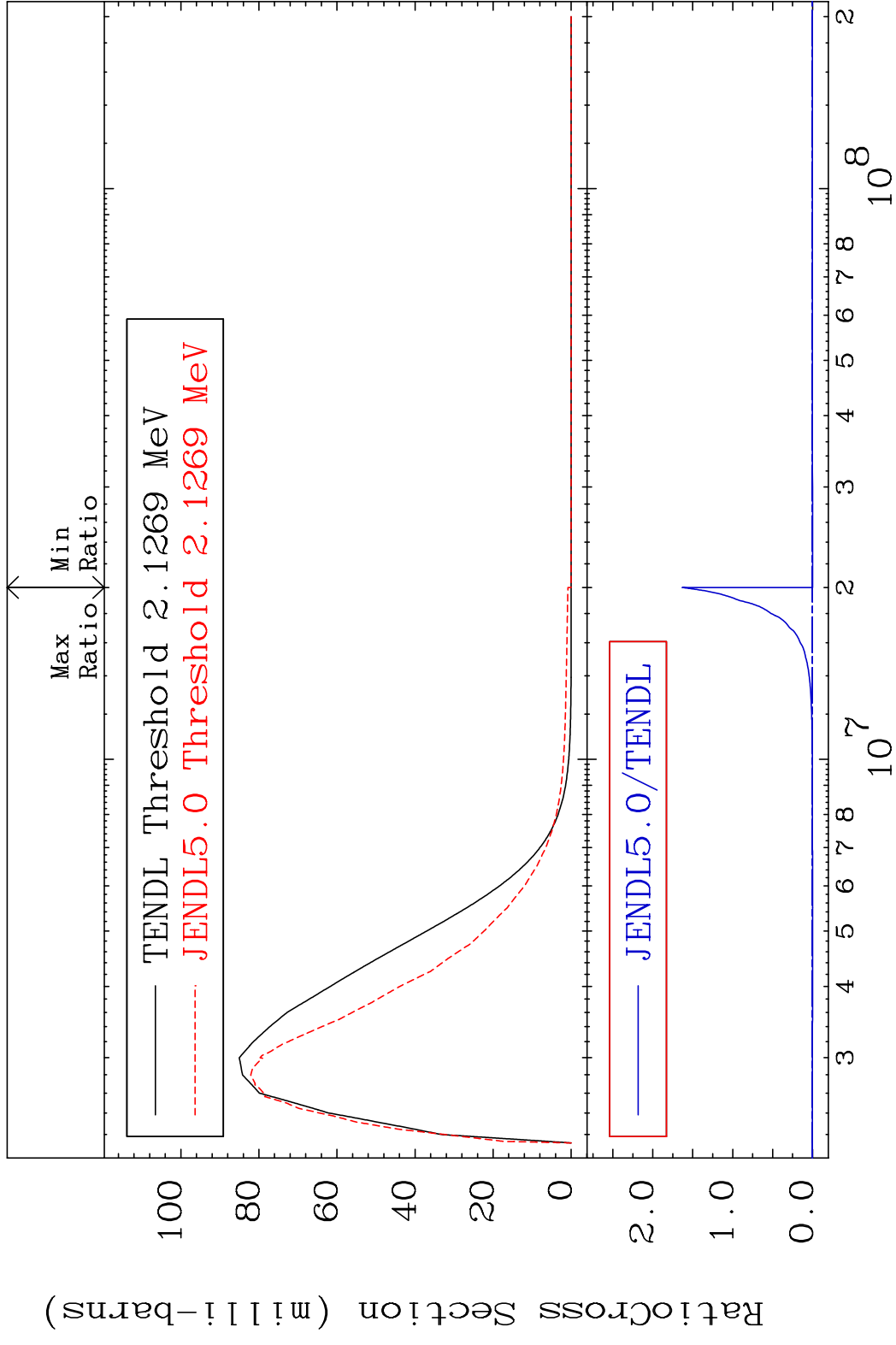


18 29-Cu-65

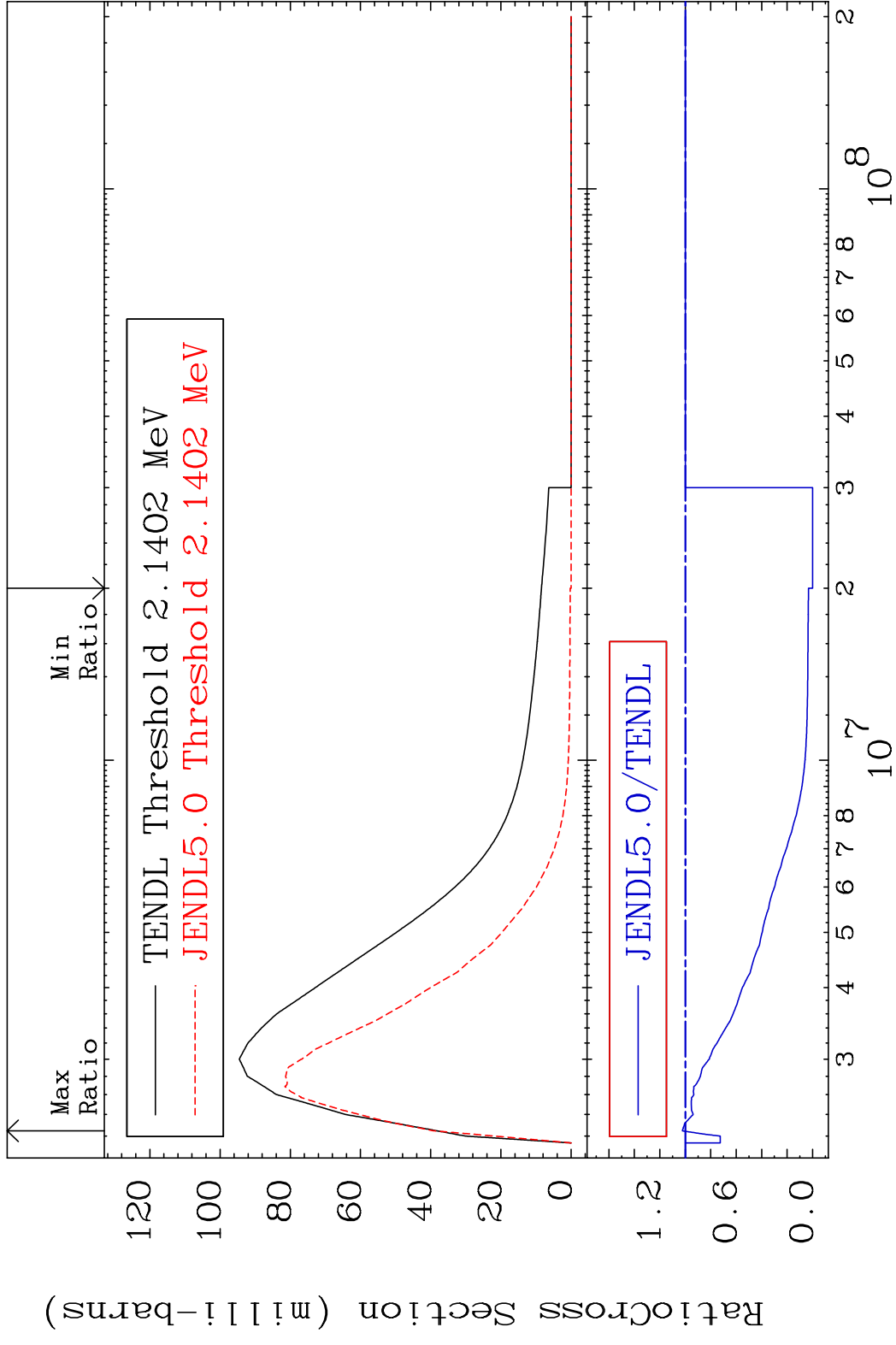
MAT 2931 MT= 55 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 0.000 %



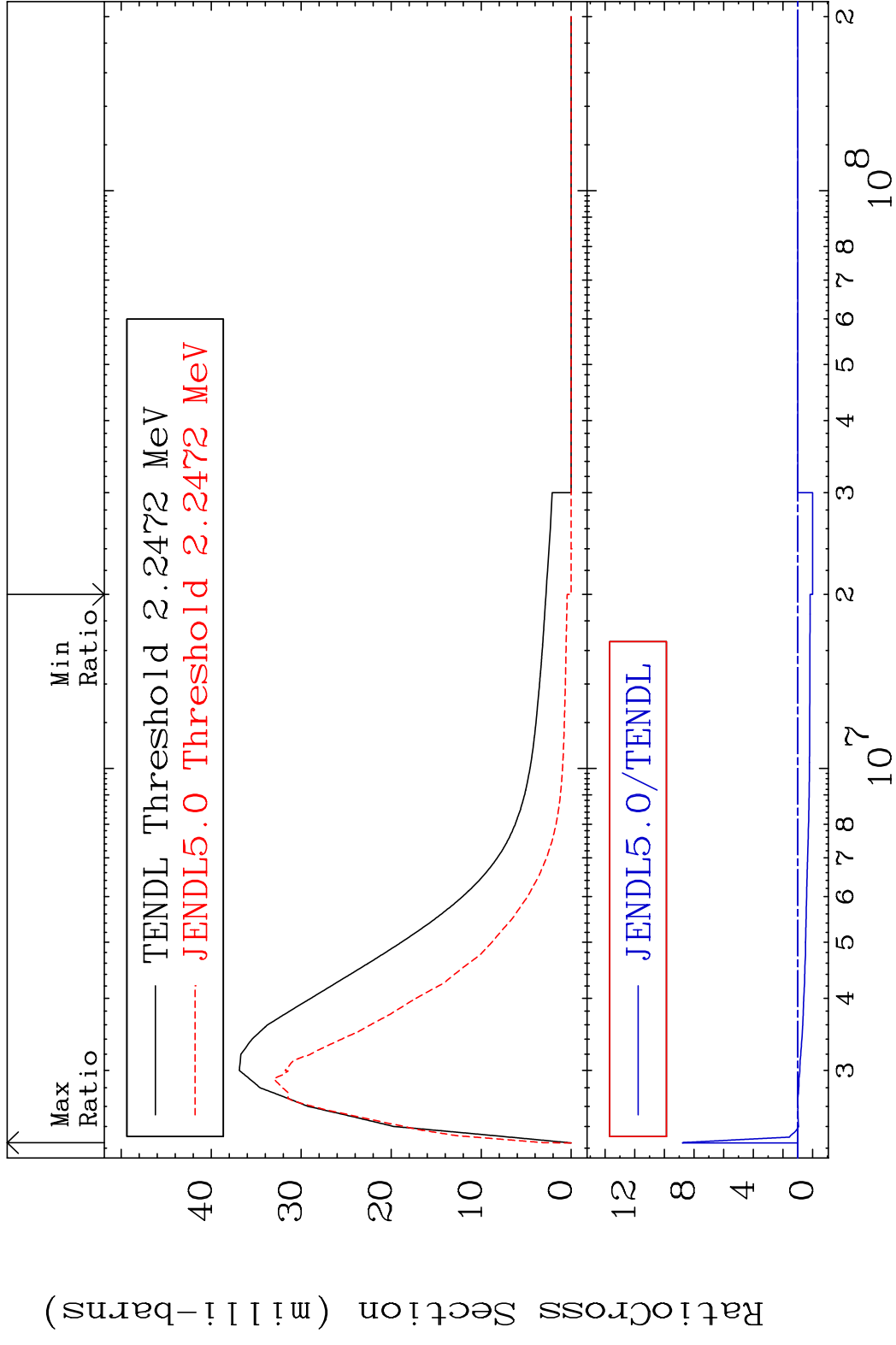
MAT 2931 MT= 56 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 9999. %



MAT 2931 MT= 57 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 2.303 %

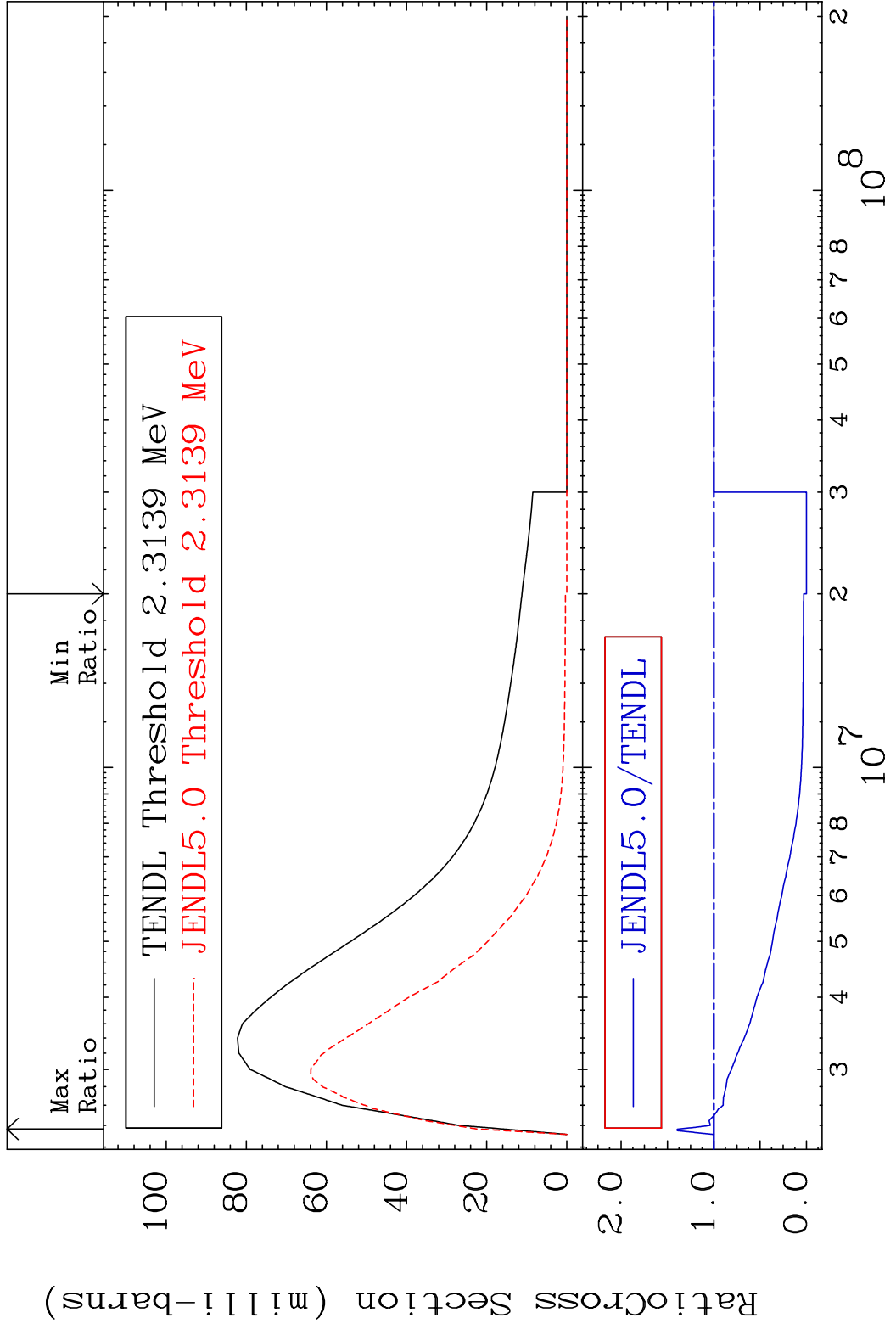


MAT 2931 MT= 58 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 778.3 %

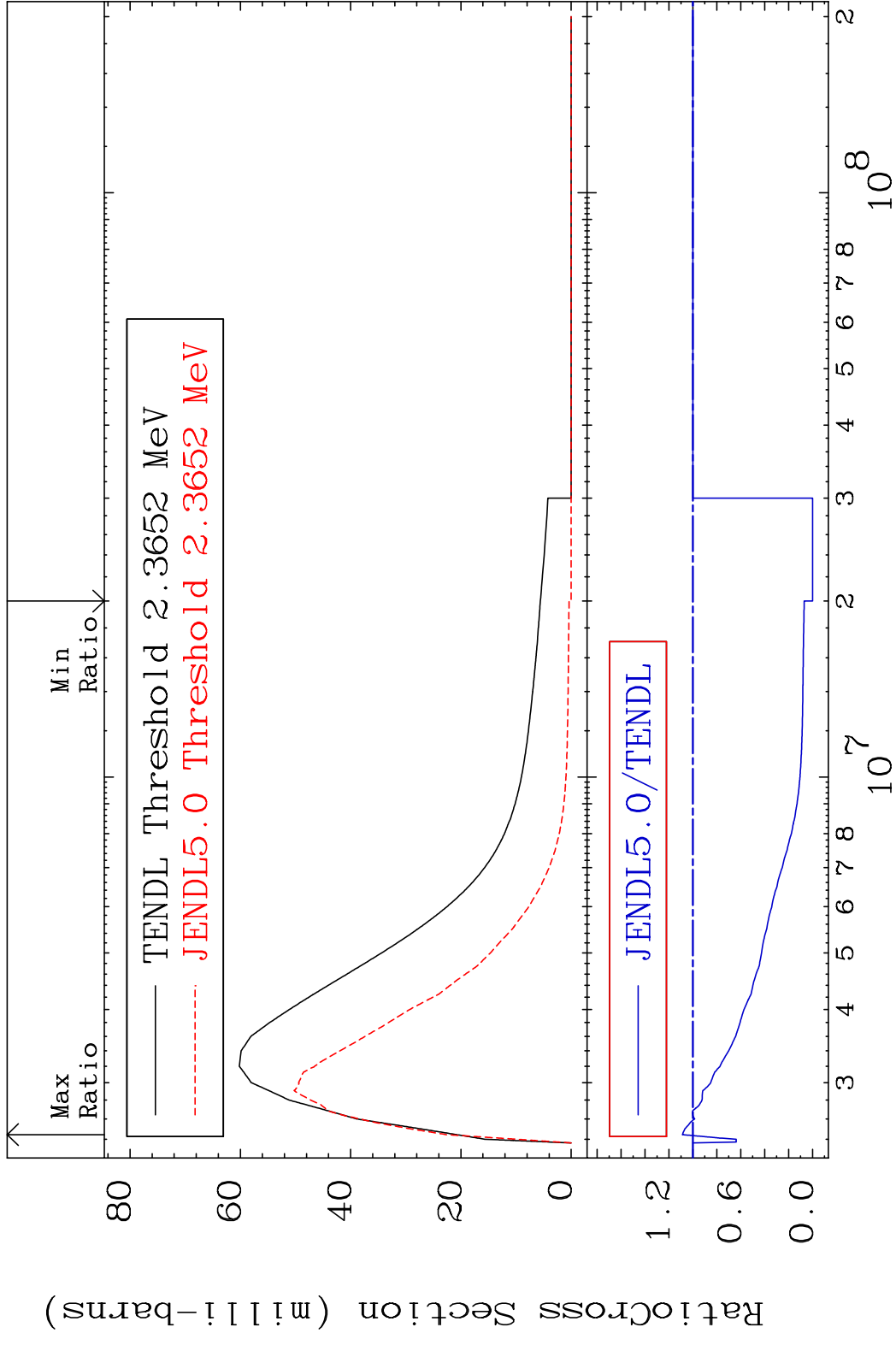


22 Incident Energy (eV) 29-Cu-65

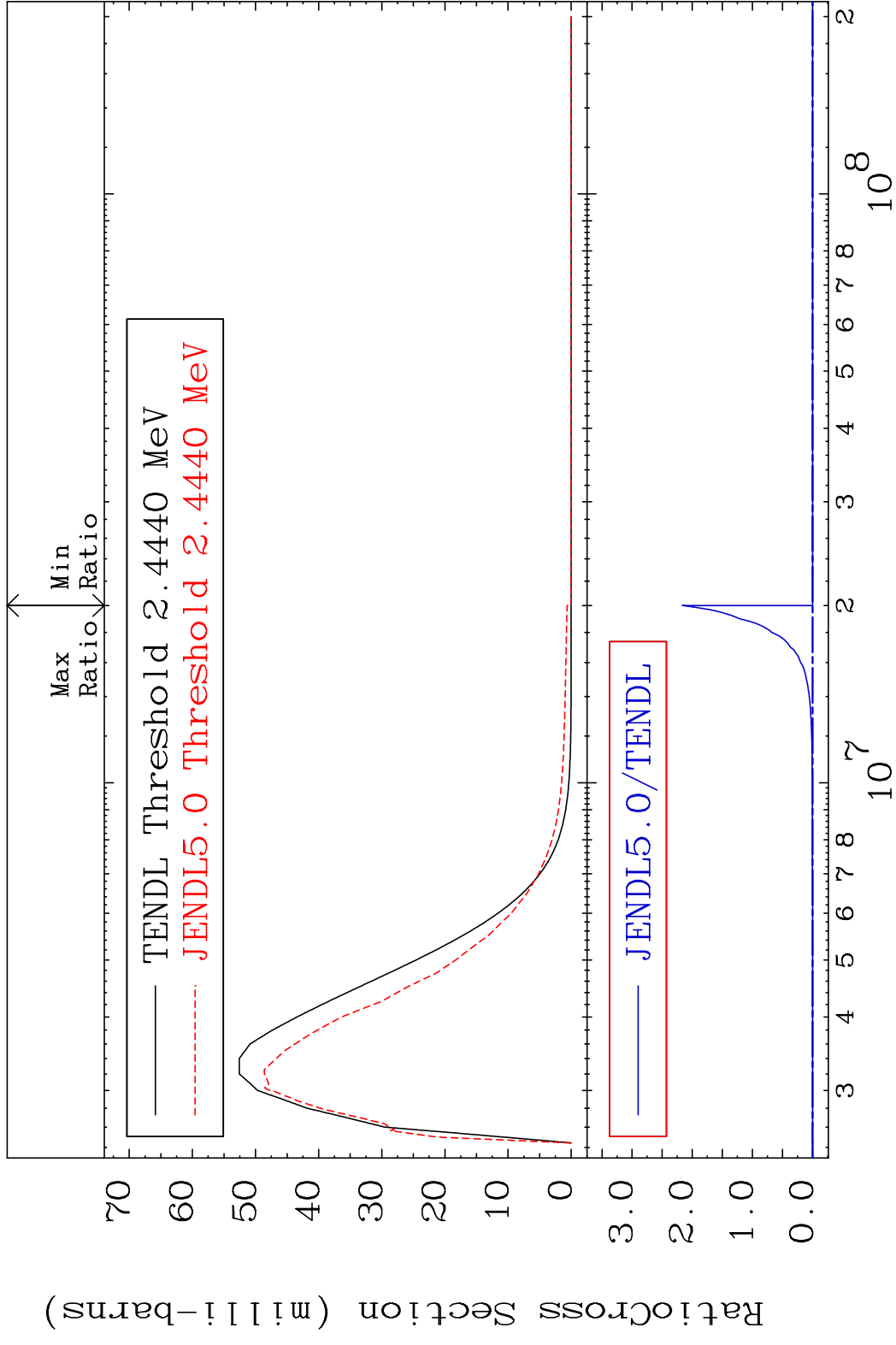
MAT 2931 MT= 59 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 39.52 %



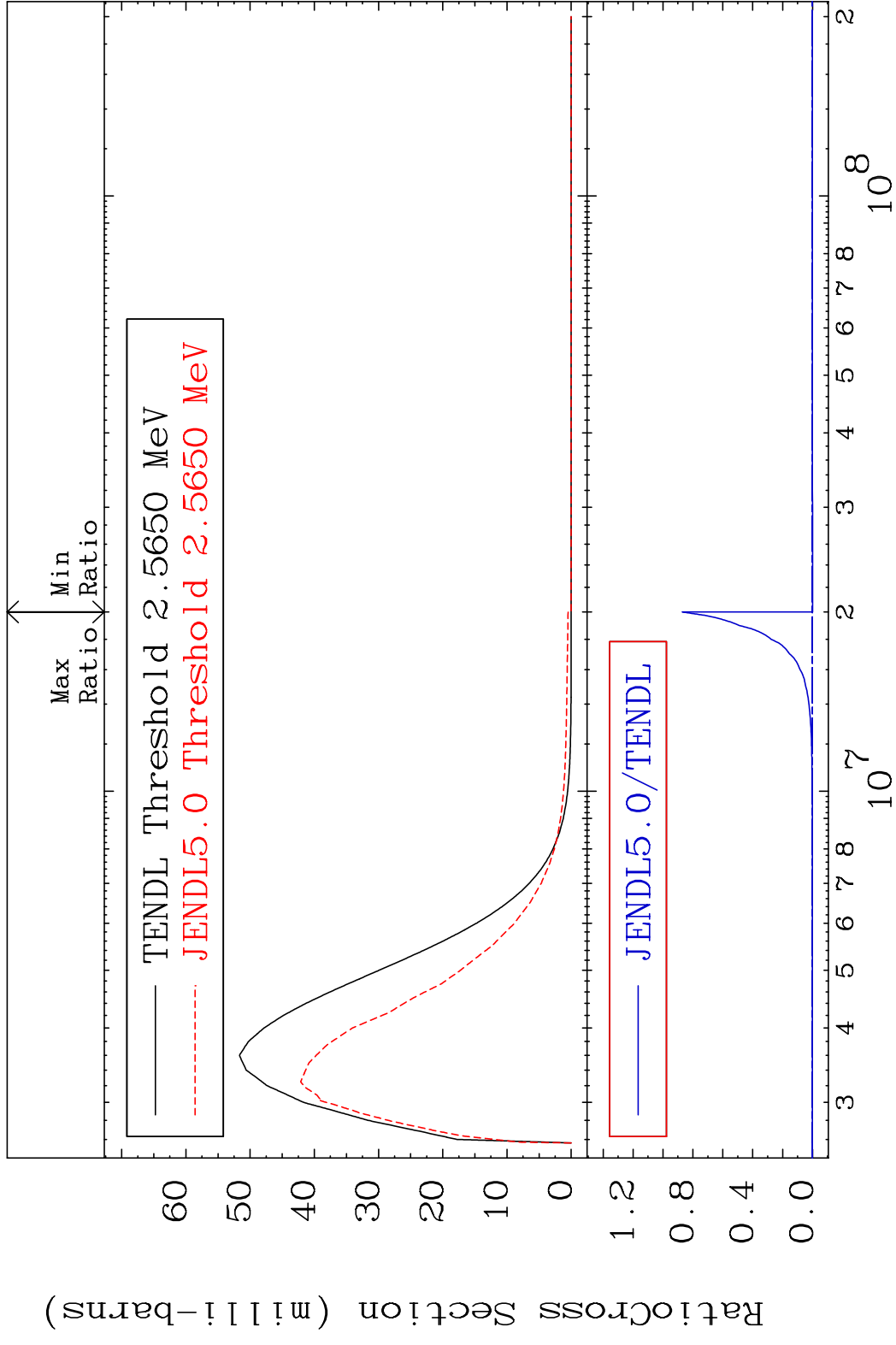
MAT 2931 MT= 60 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 8.798 %



MAT 2931 MT= 61 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 9999. %

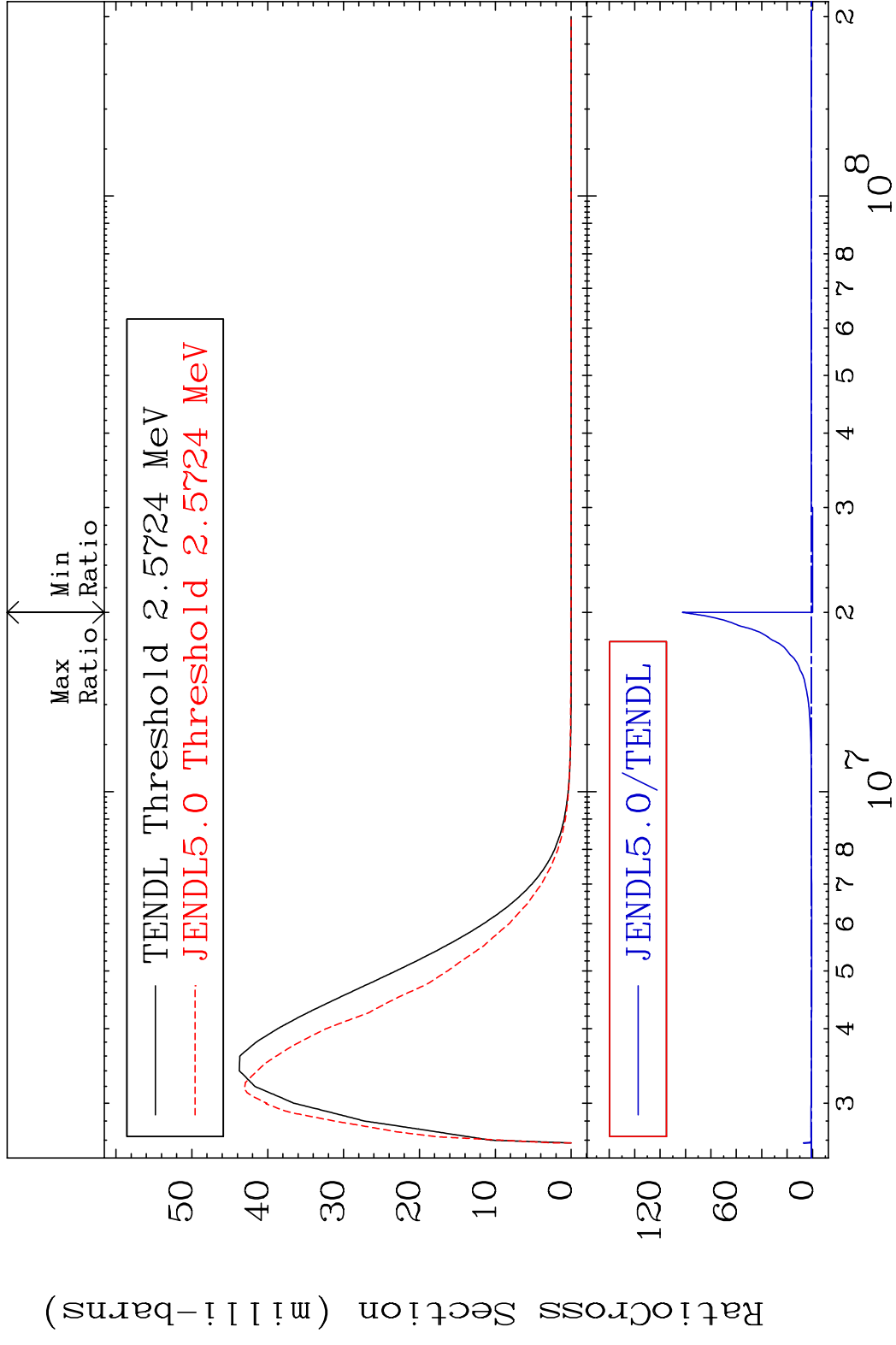


MAT 2931 MT= 62 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 9999. %

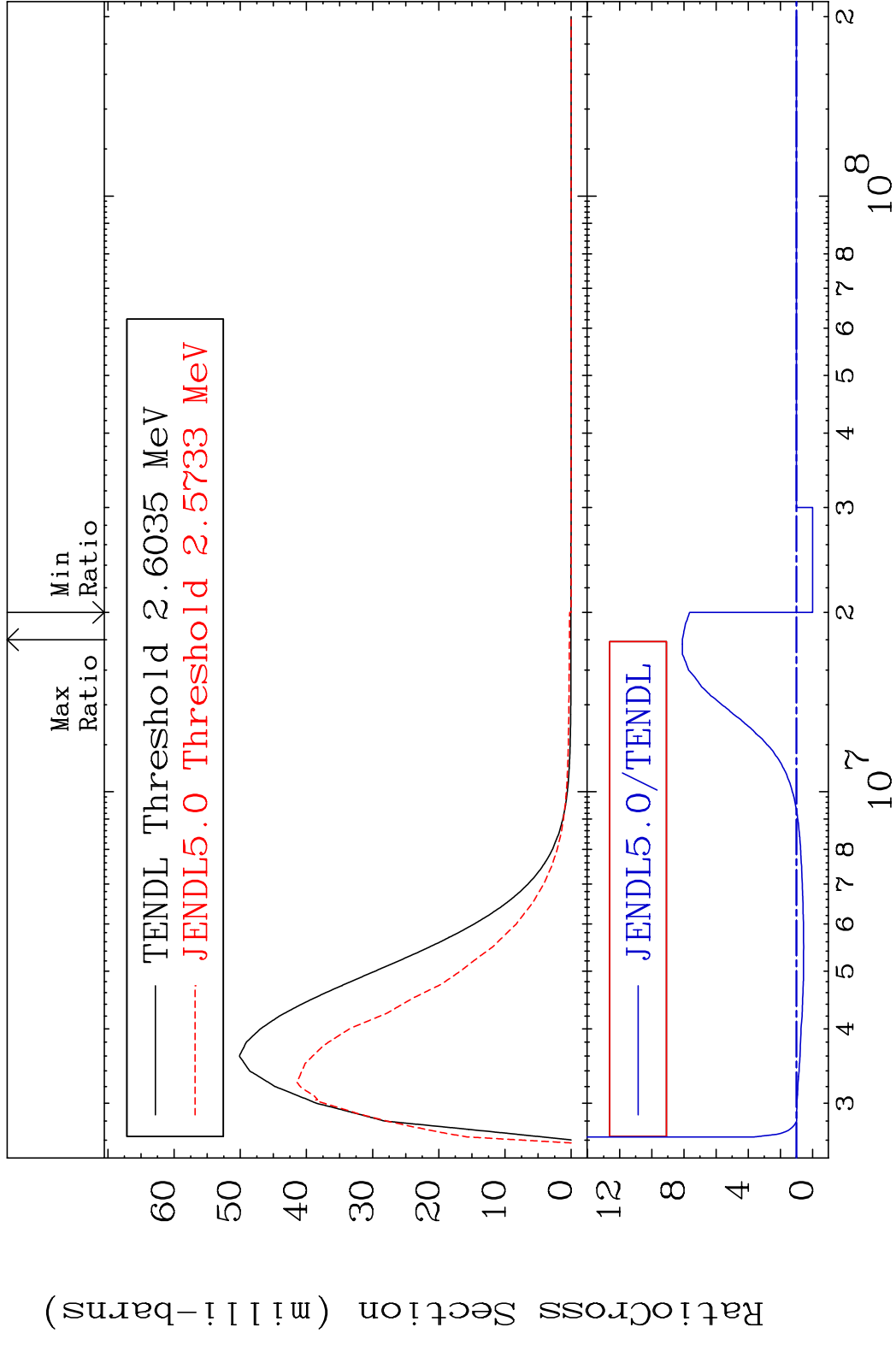


26 Incident Energy (eV) 29-Cu-65

MAT 2931 MT= 63 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 9999. %

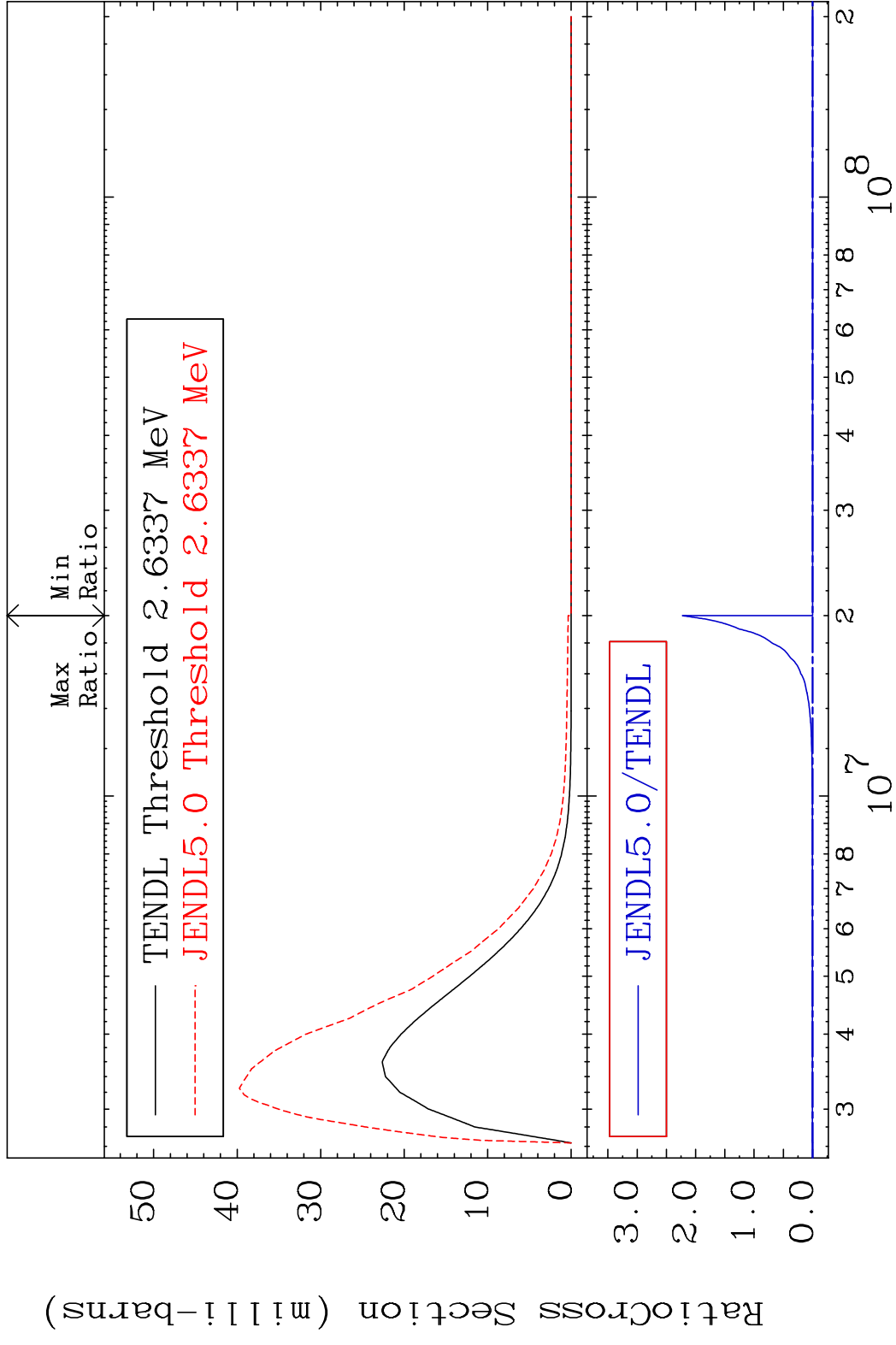


MAT 2931 MT= 64 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 710.0 %



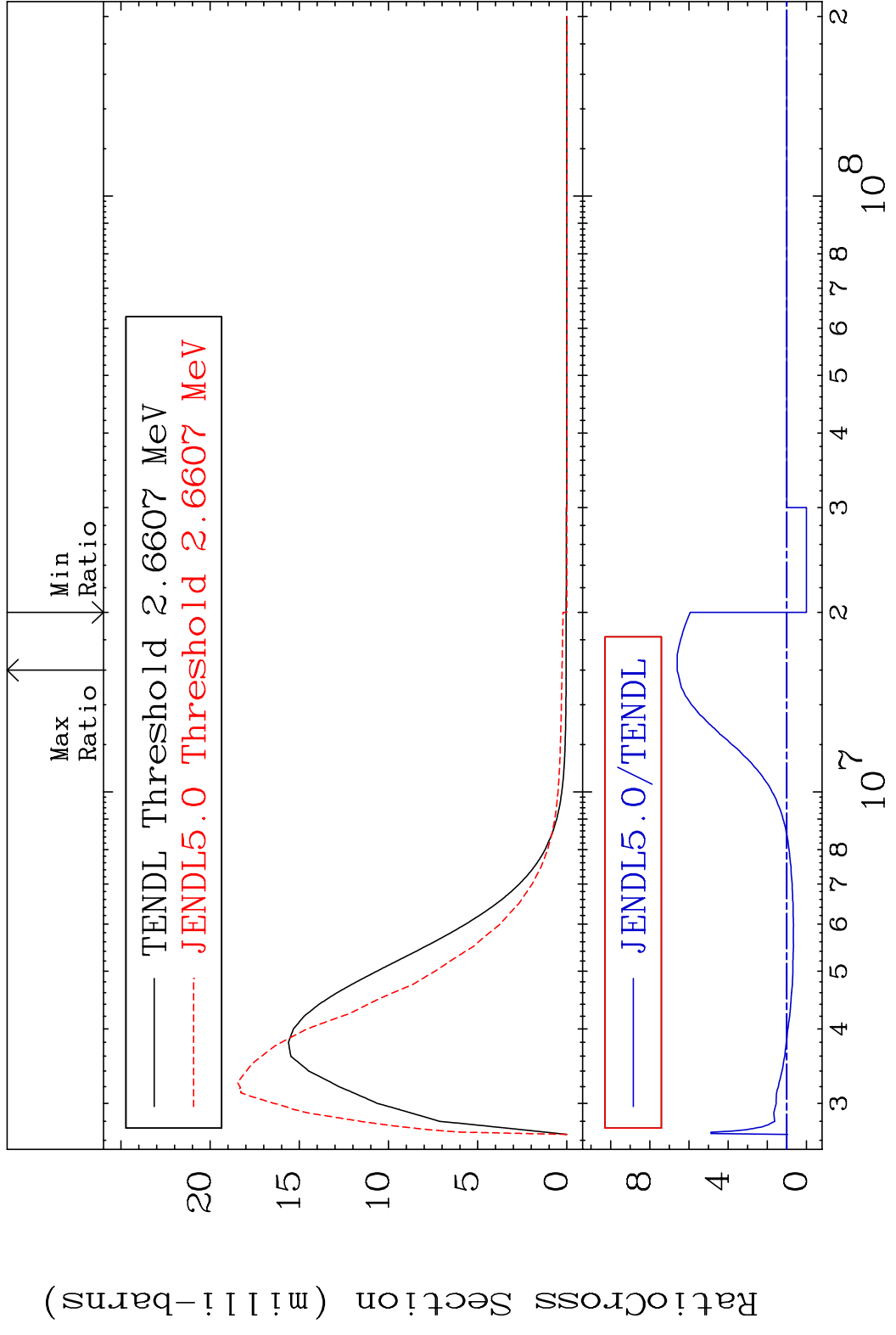
28 Incident Energy (eV) 29-Cu-65

MAT 2931 MT= 65 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 9999. %



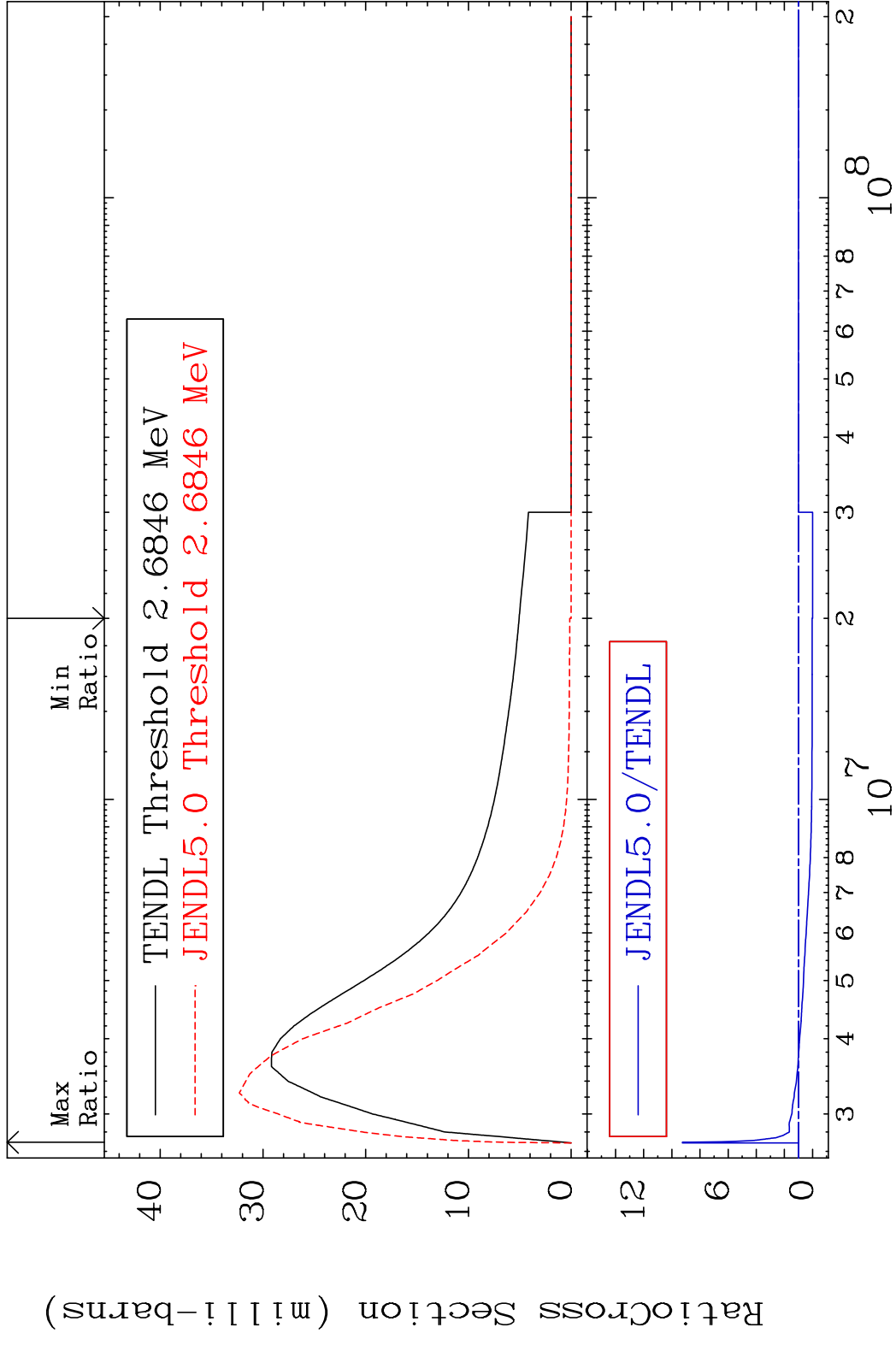
29 29-Cu-65

MAT 2931 MT= 66 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 559.8 %



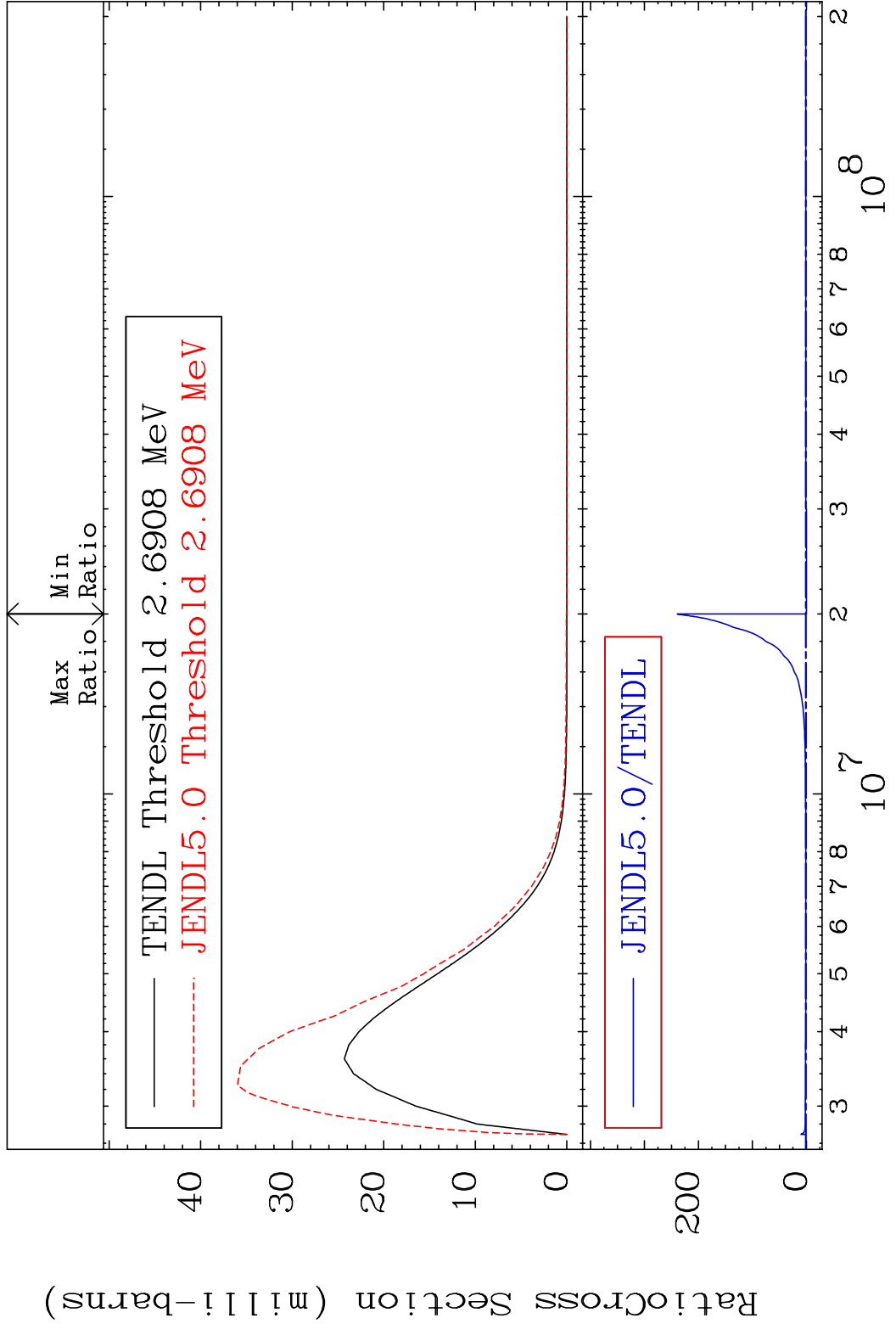
30 Incident Energy (eV) 29-Cu-65

MAT 2931 MT= 67 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 825.2 %

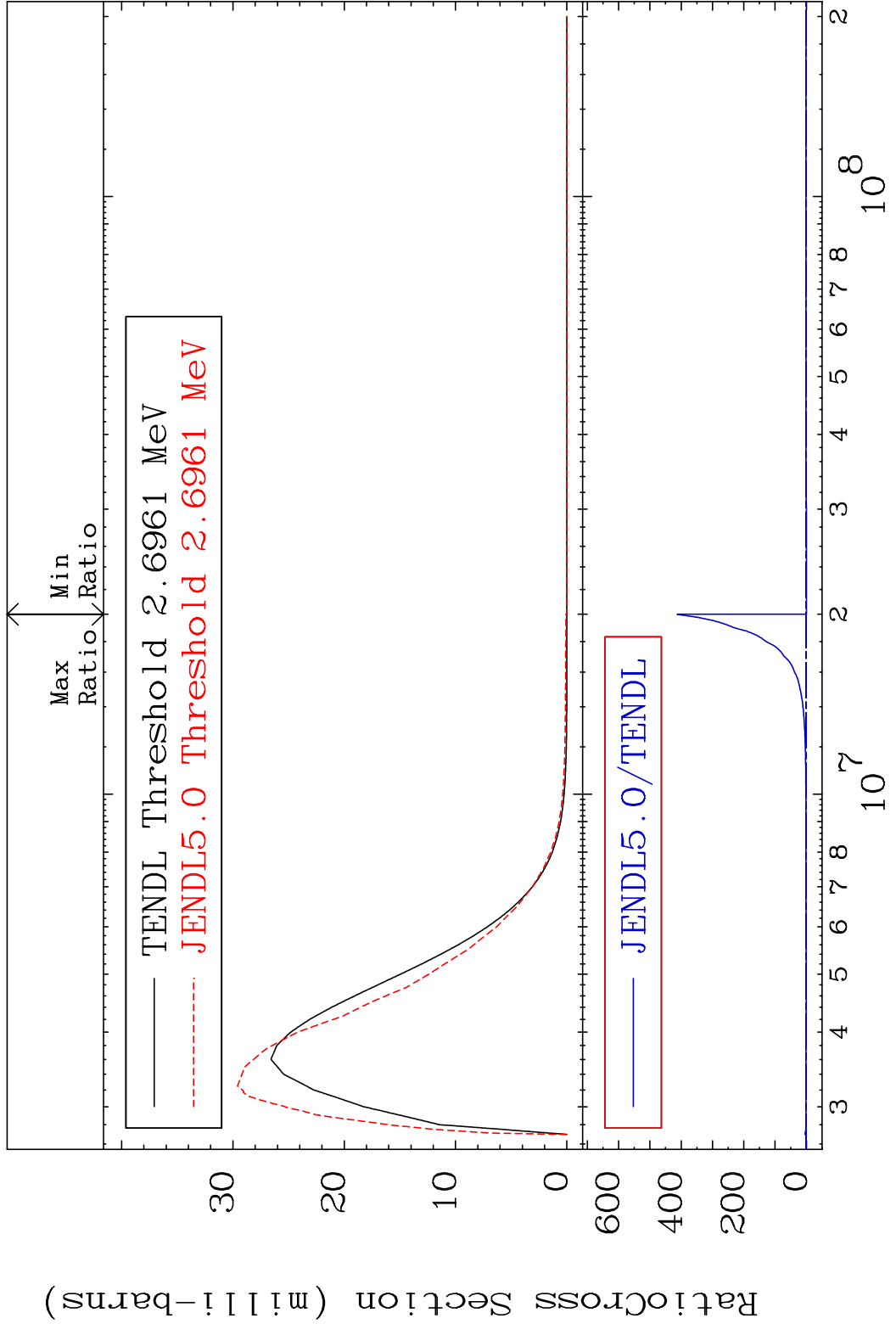


31 Incident Energy (eV) 29-Cu-65

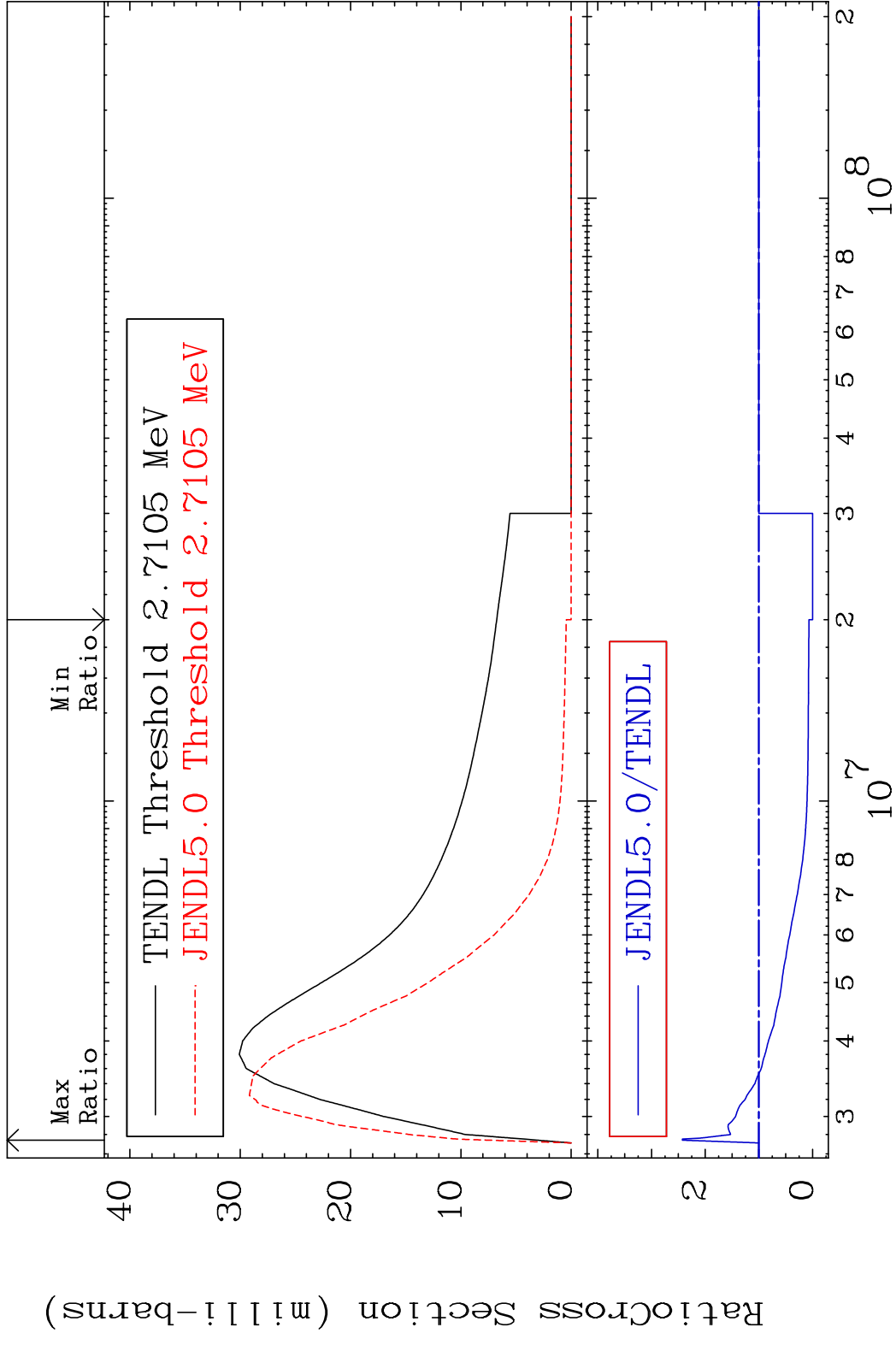
MAT 2931 MT= 68 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 9999. %



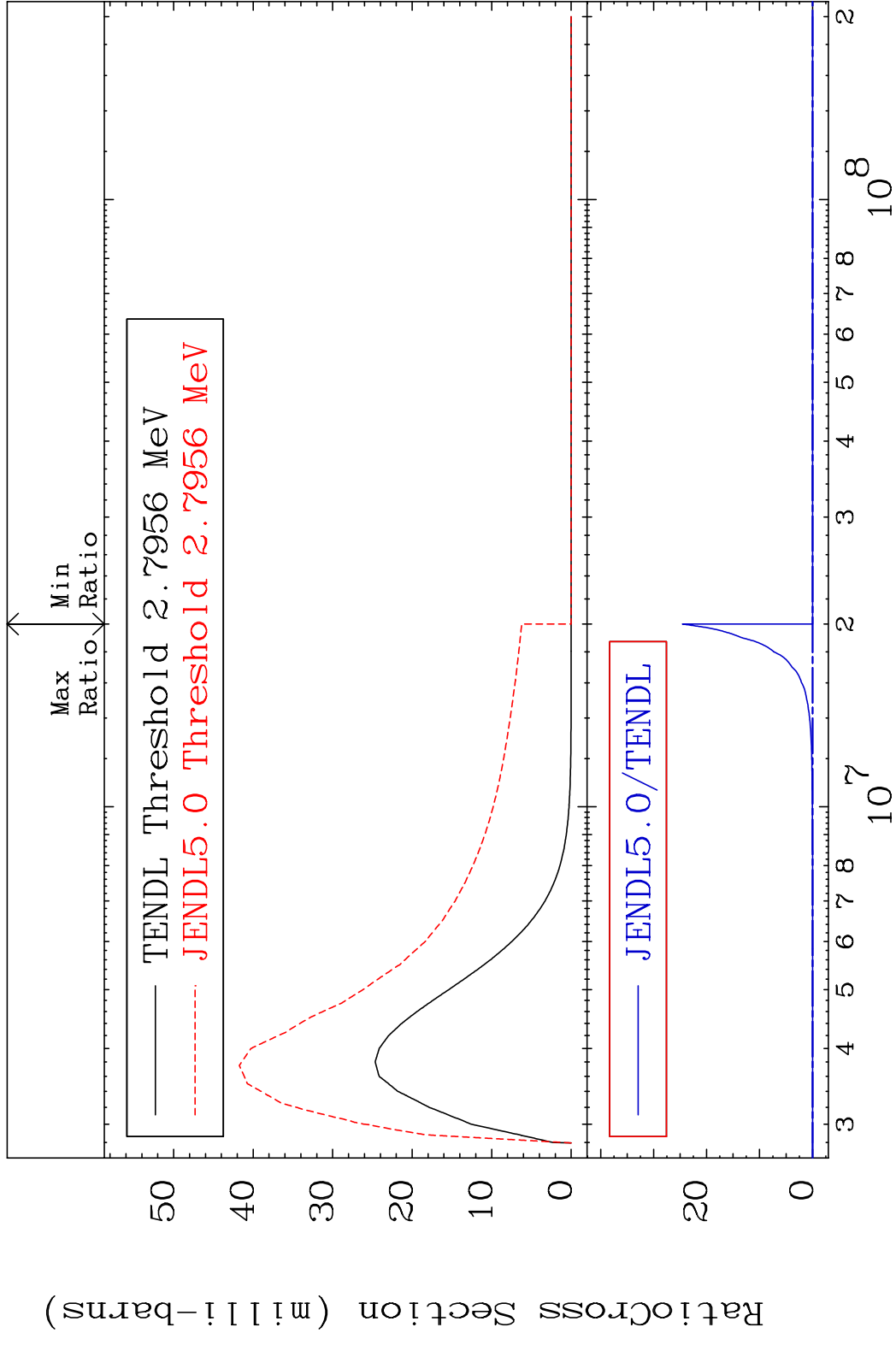
MAT 2931 MT= 69 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 9999. %



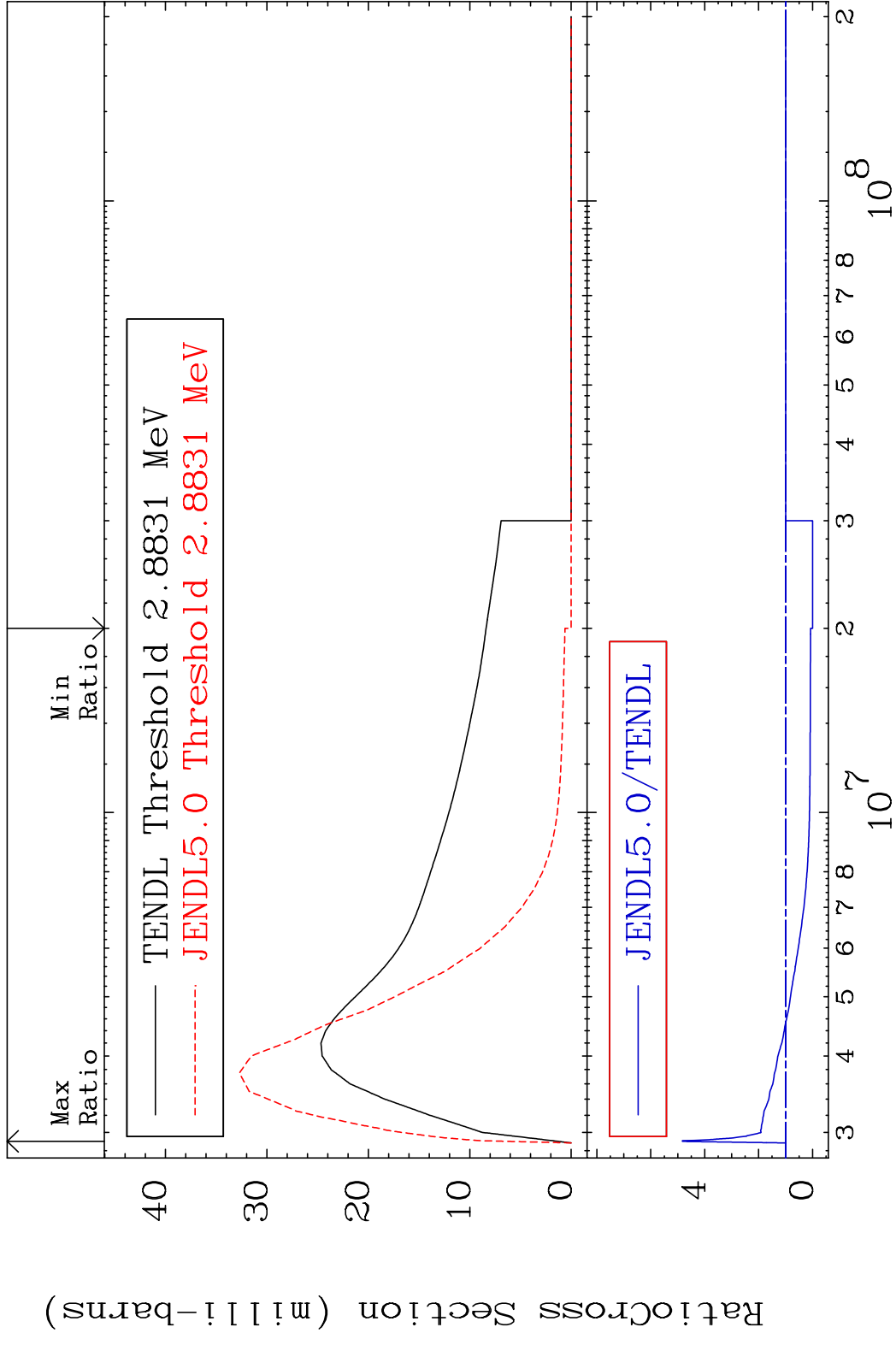
MAT 2931 MT= 70 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 142.6 %



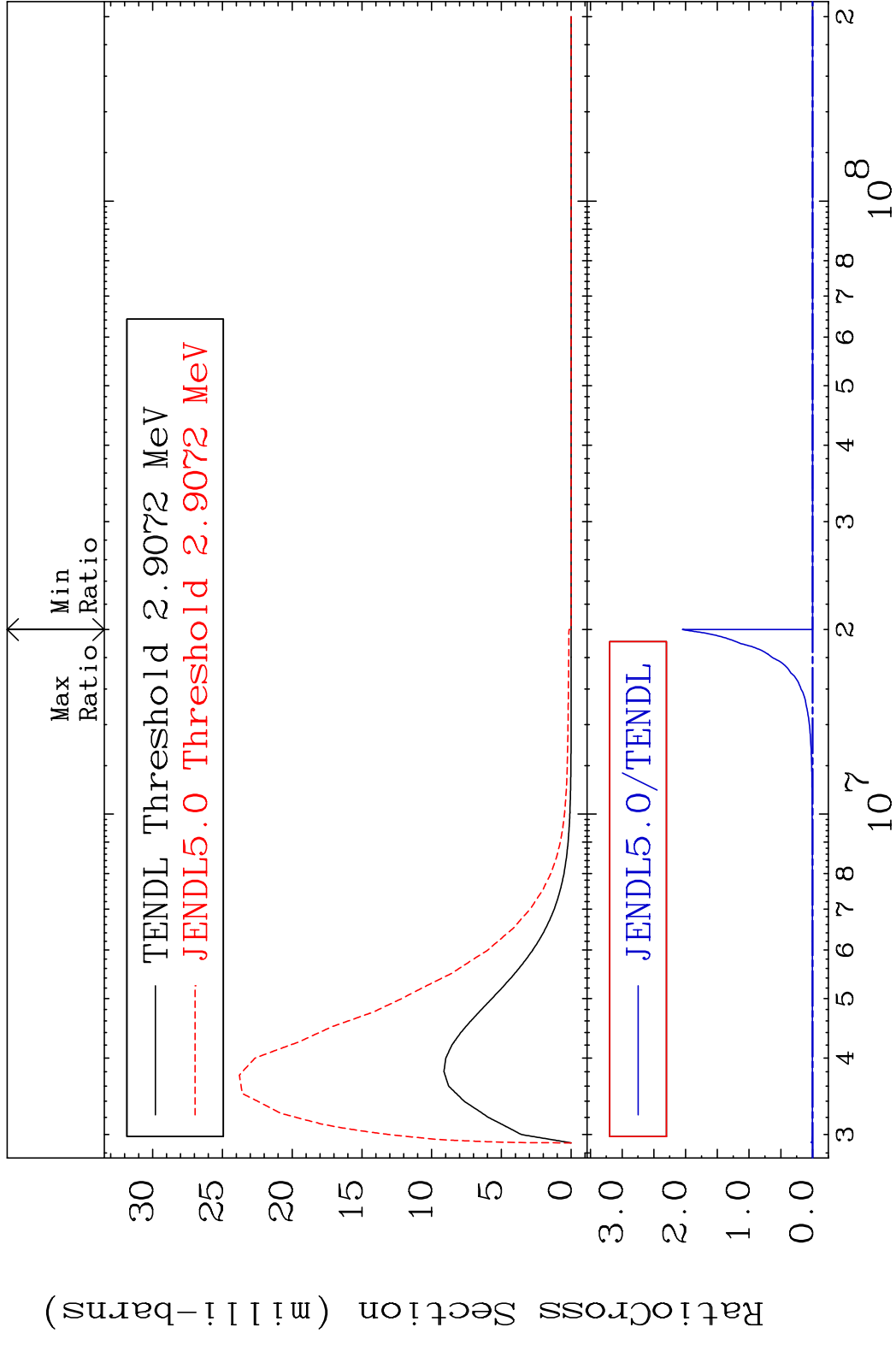
MAT 2931 MT= 71 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 9999. %



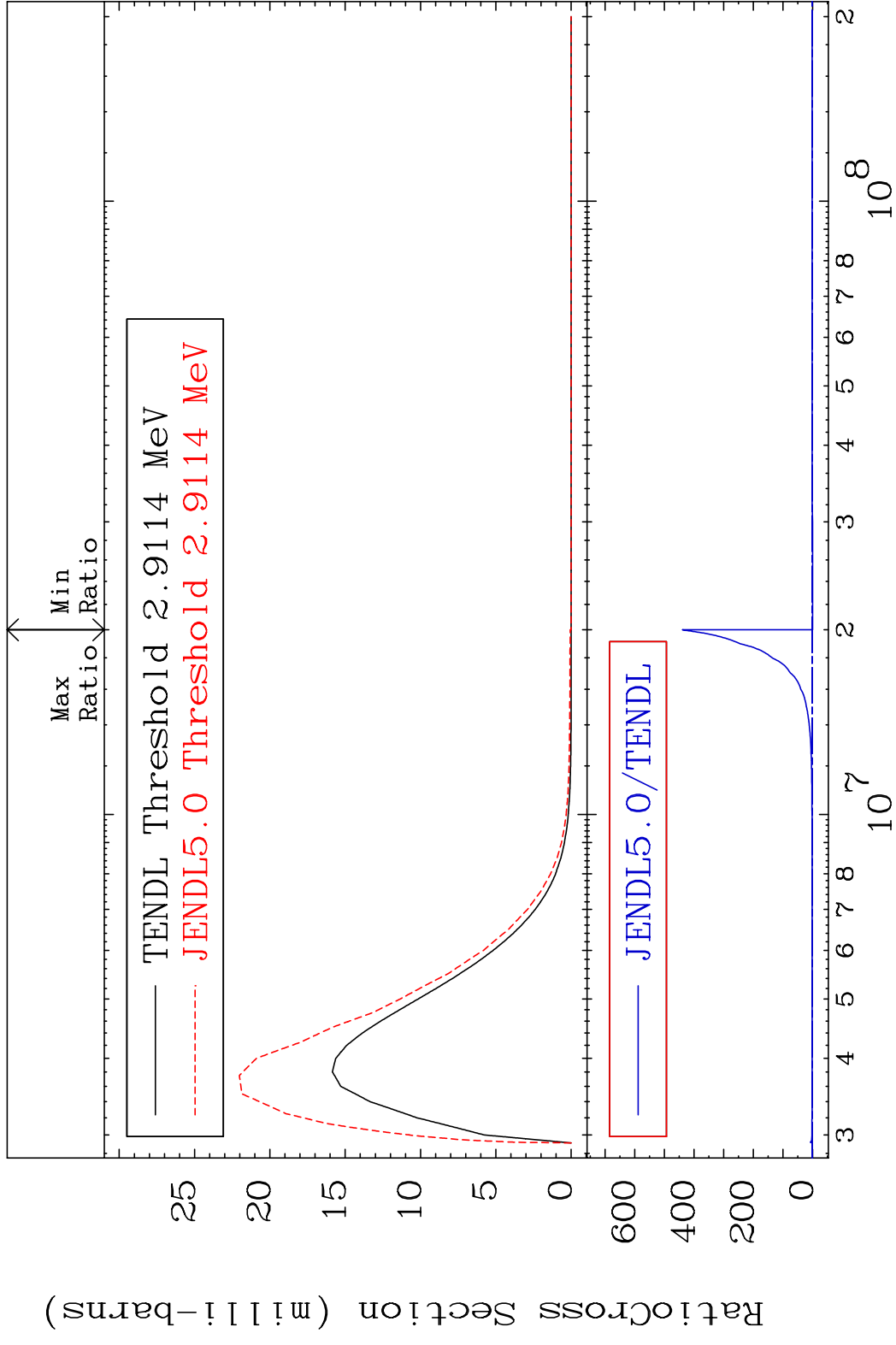
MAT 2931 MT= 72 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 382.9 %



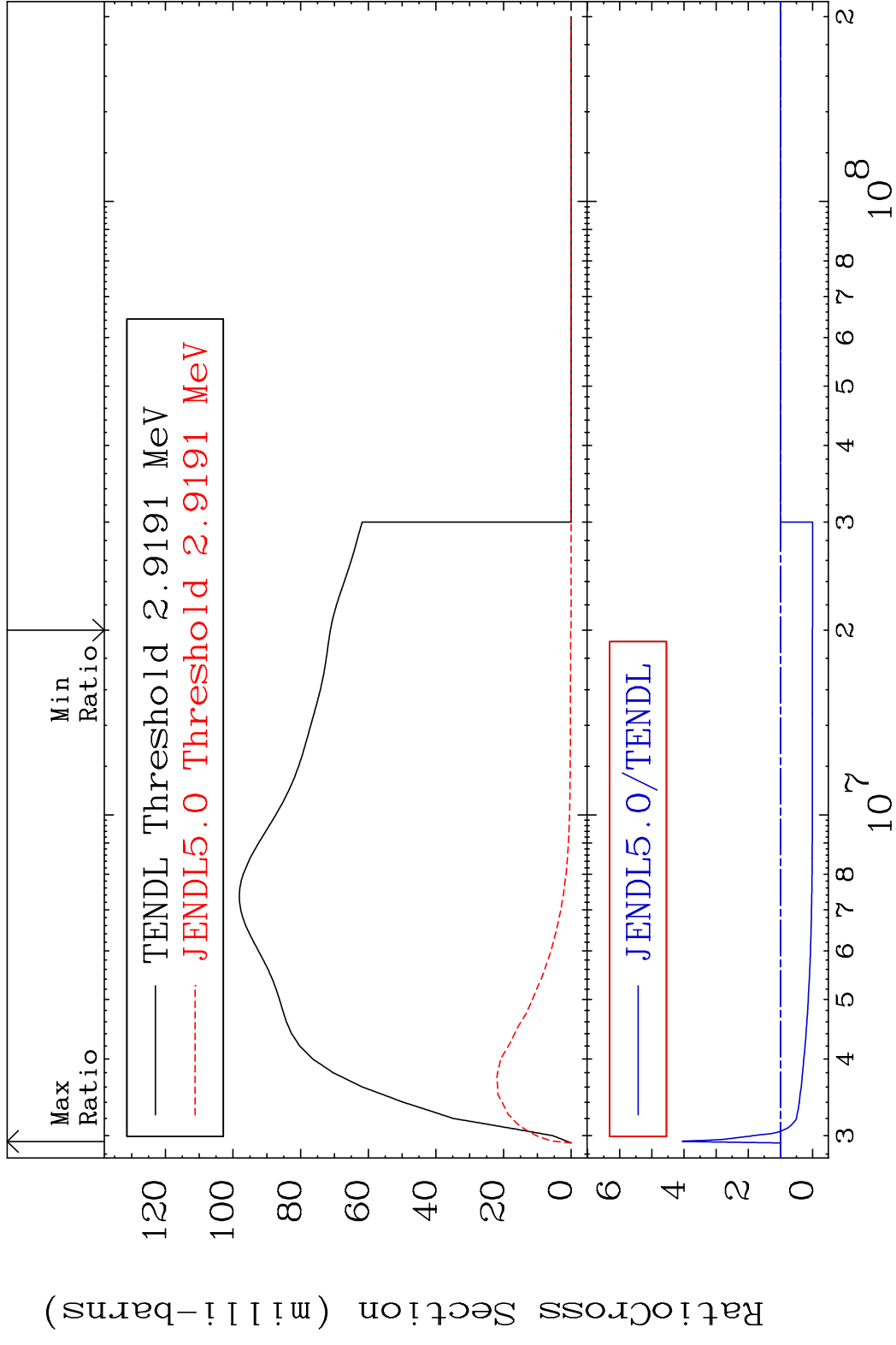
MAT 2931 MT= 73 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 9999. %



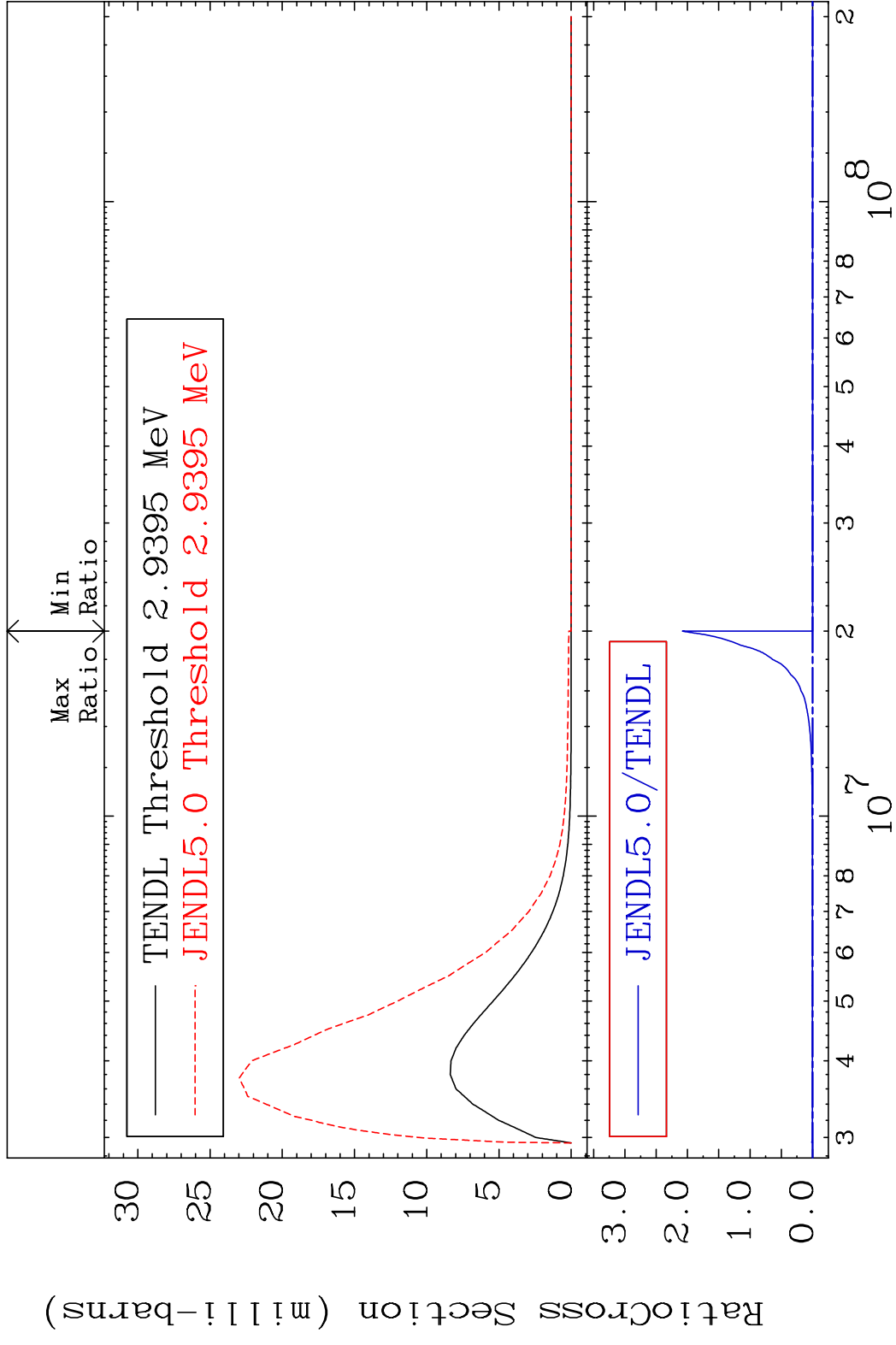
MAT 2931 MT= 74 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 9999. %



MAT 2931 MT= 75 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 305.1 %

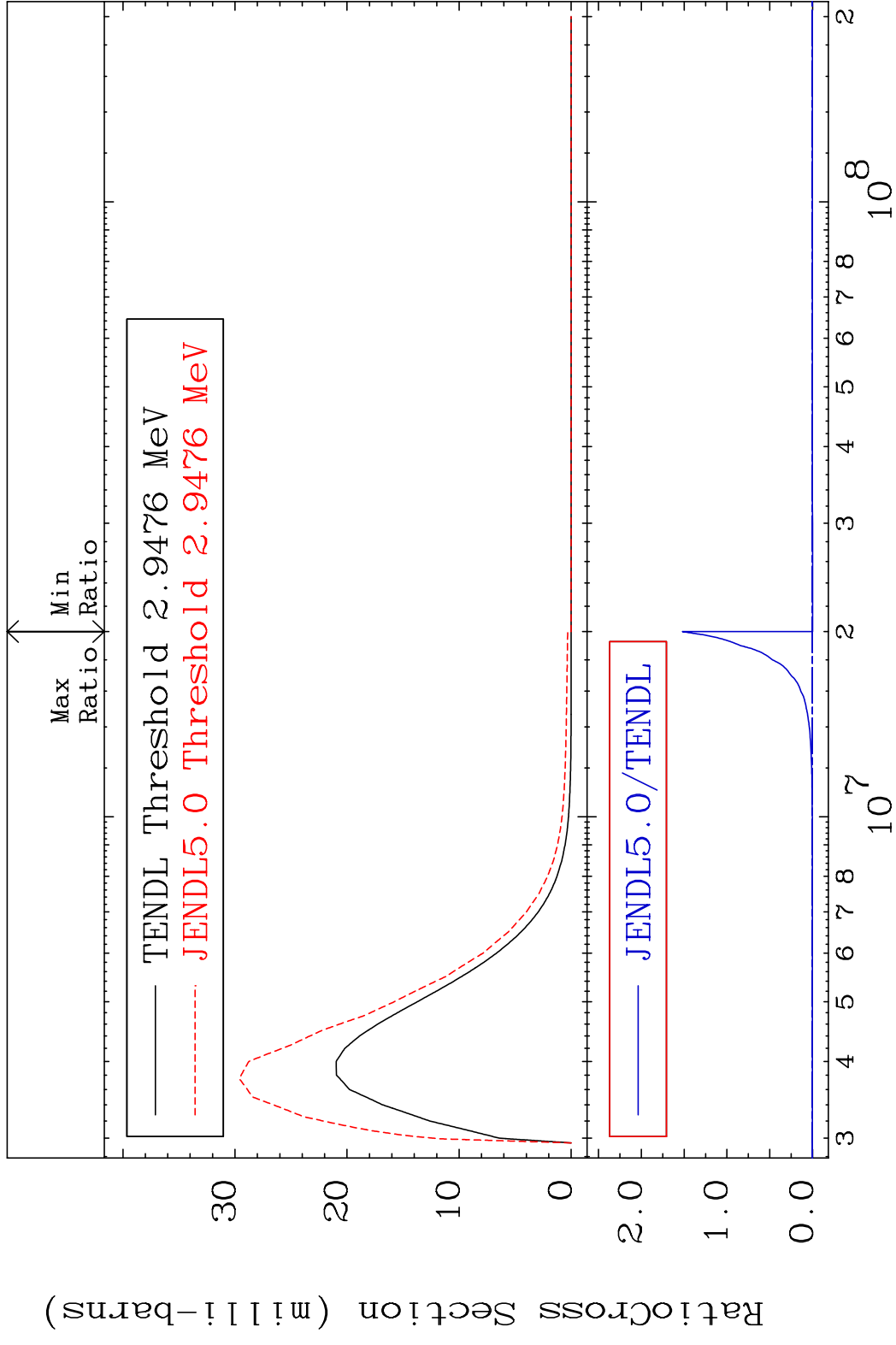


MAT 2931 MT= 76 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 9999. %

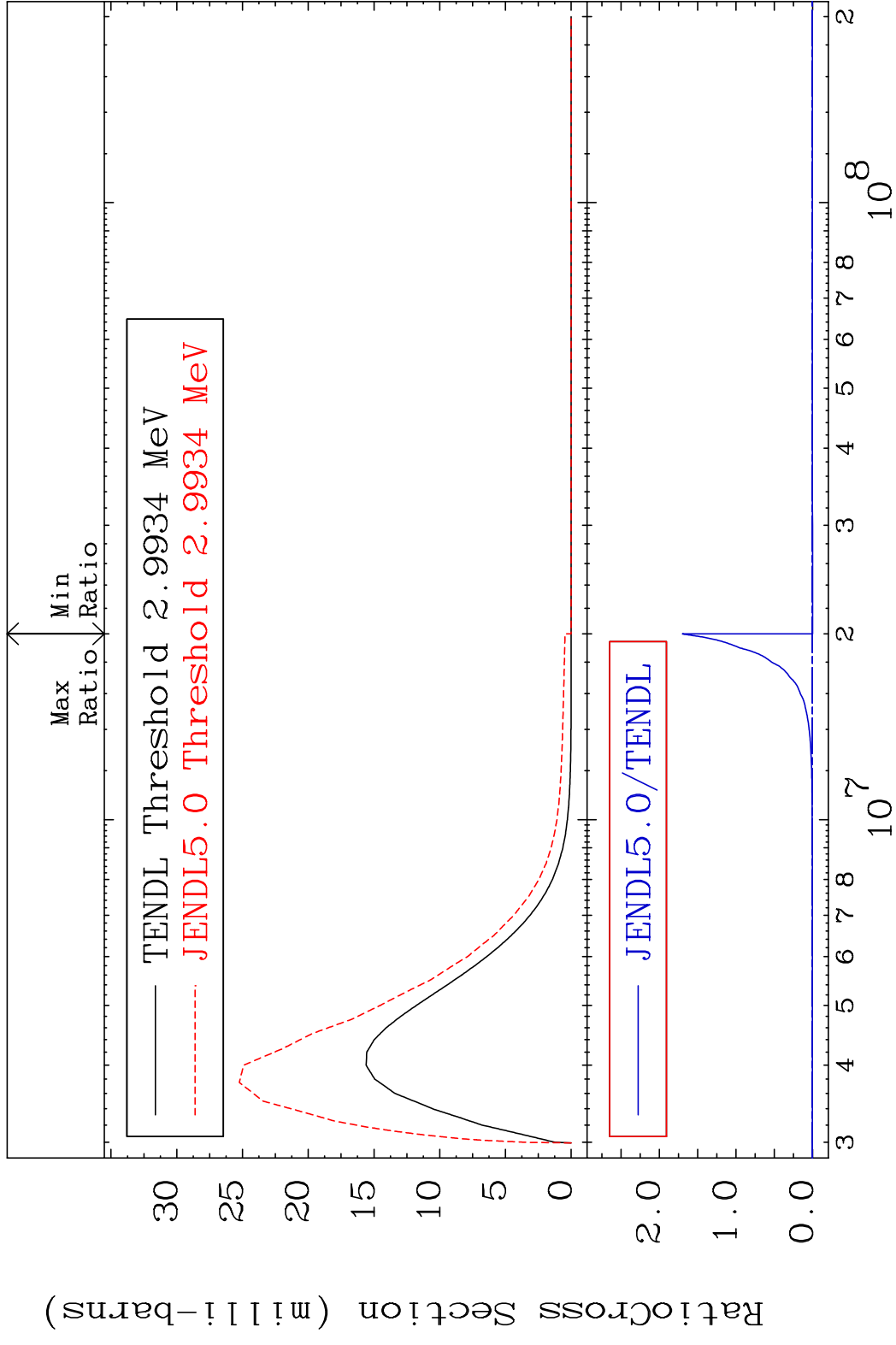


40 Incident Energy (eV) 29-Cu-65

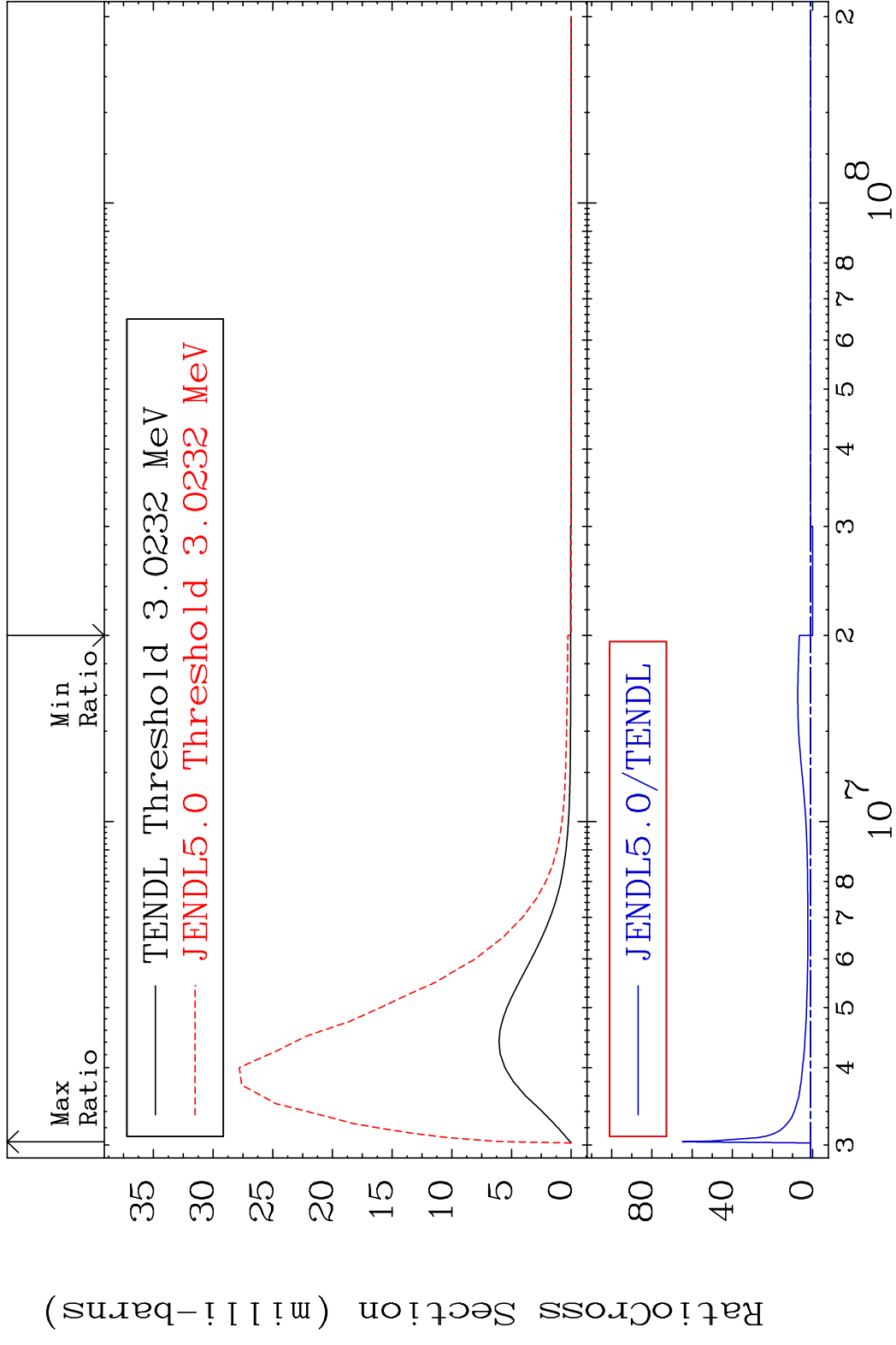
MAT 2931 MT= 77 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 9999. %



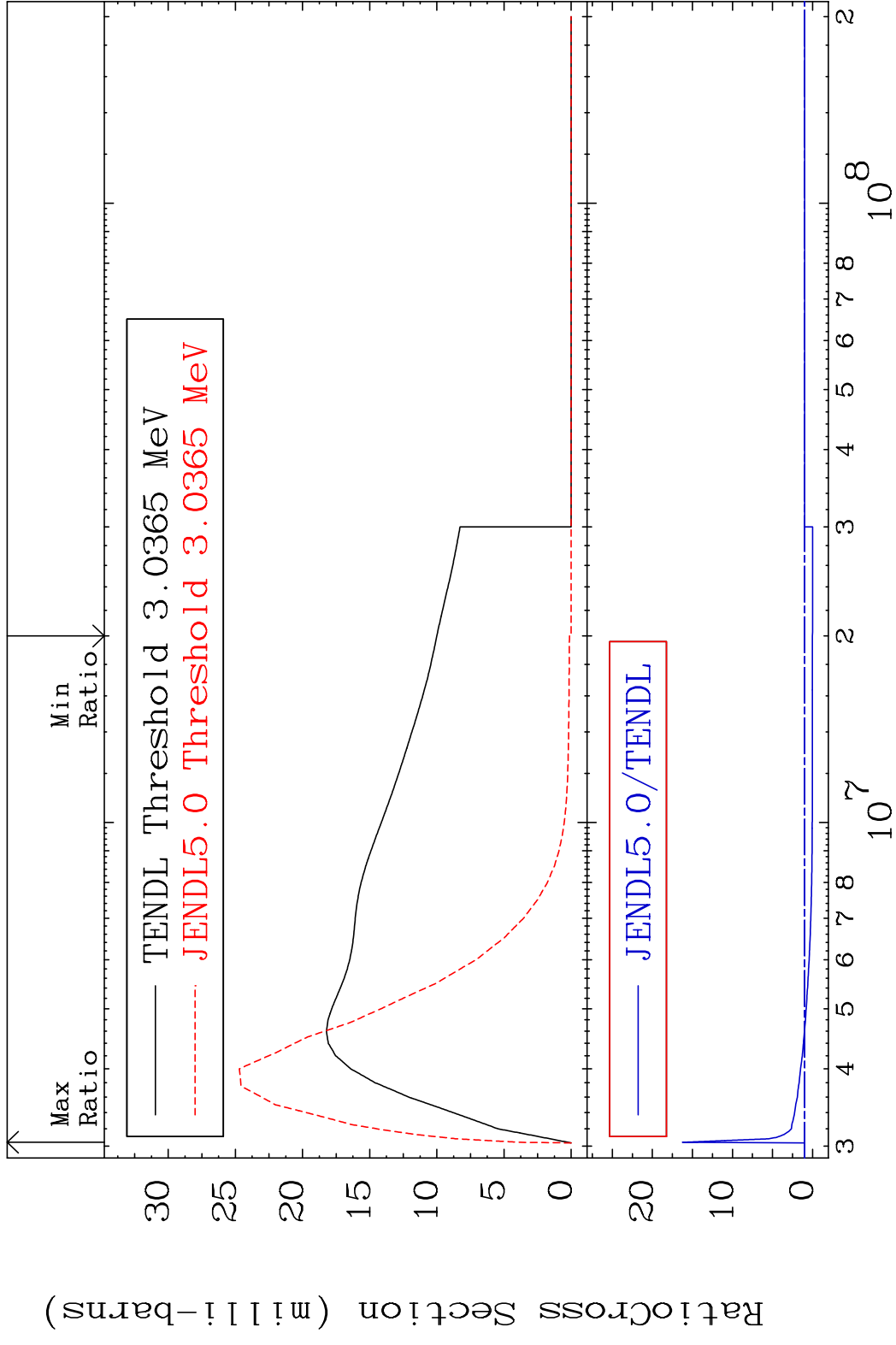
MAT 2931 MT= 78 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 9999. %



MAT 2931 MT= 79 (n,n') Level 29-Cu-65
 Cross Section -100.0 To 6385. %

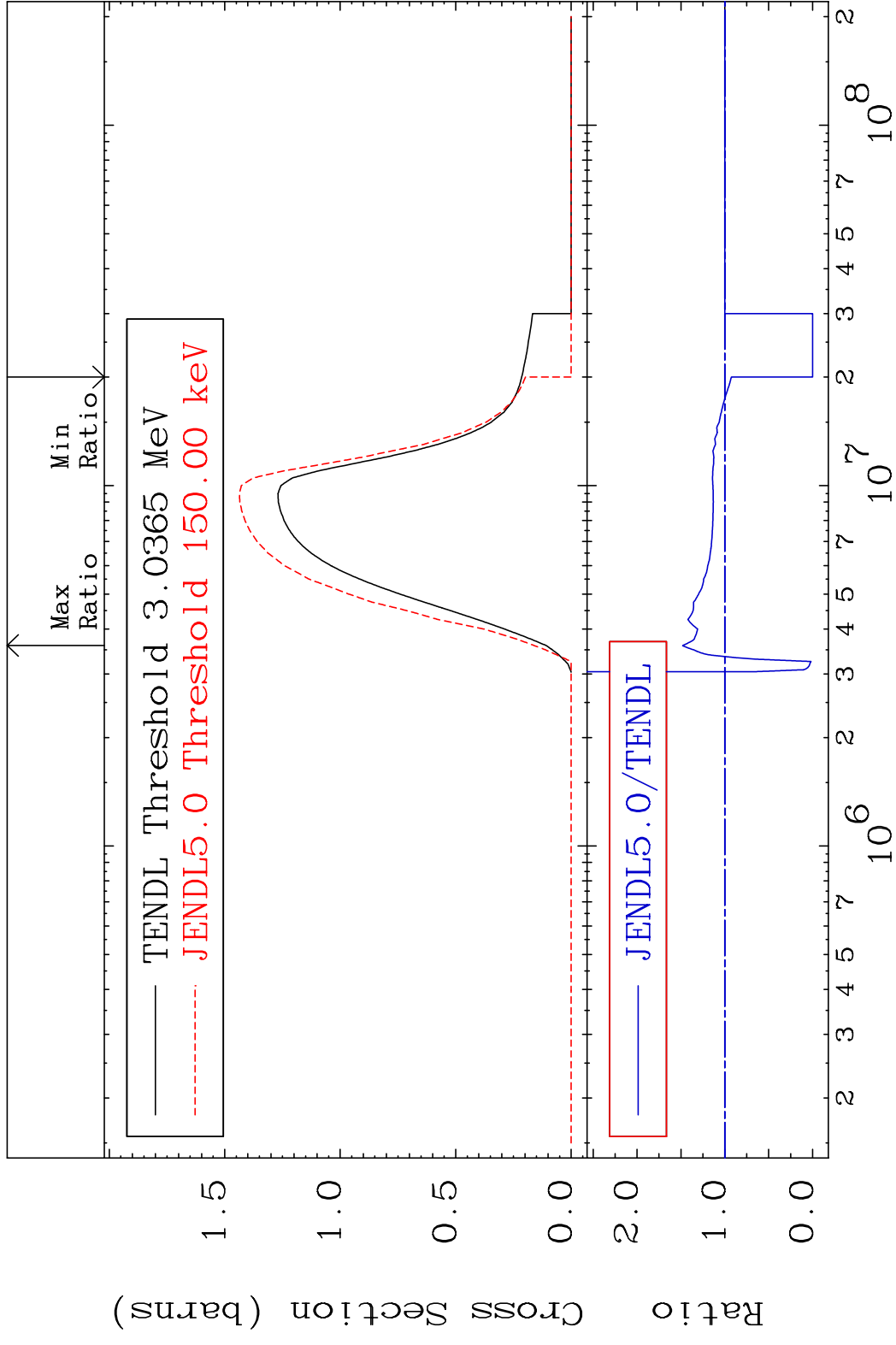


MAT 2931 MT= 80 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 1526. %



44 Incident Energy (eV) 29-Cu-65

MAT 2931 (n, n') Continuum 29-Cu-65
 Cross Section -100.0 To 48.40 %

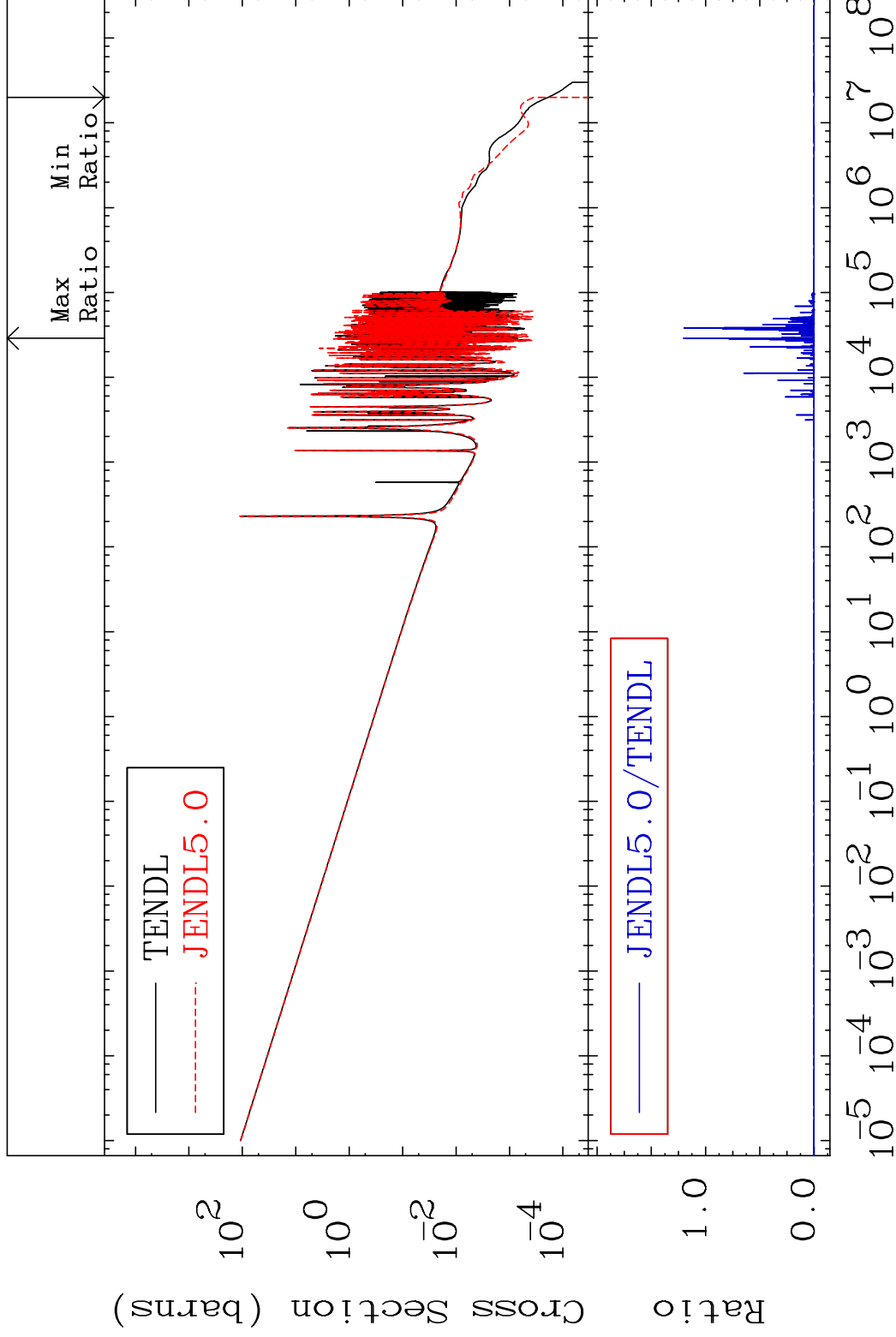


MAT 2931

(n, γ)

29-Cu-65

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

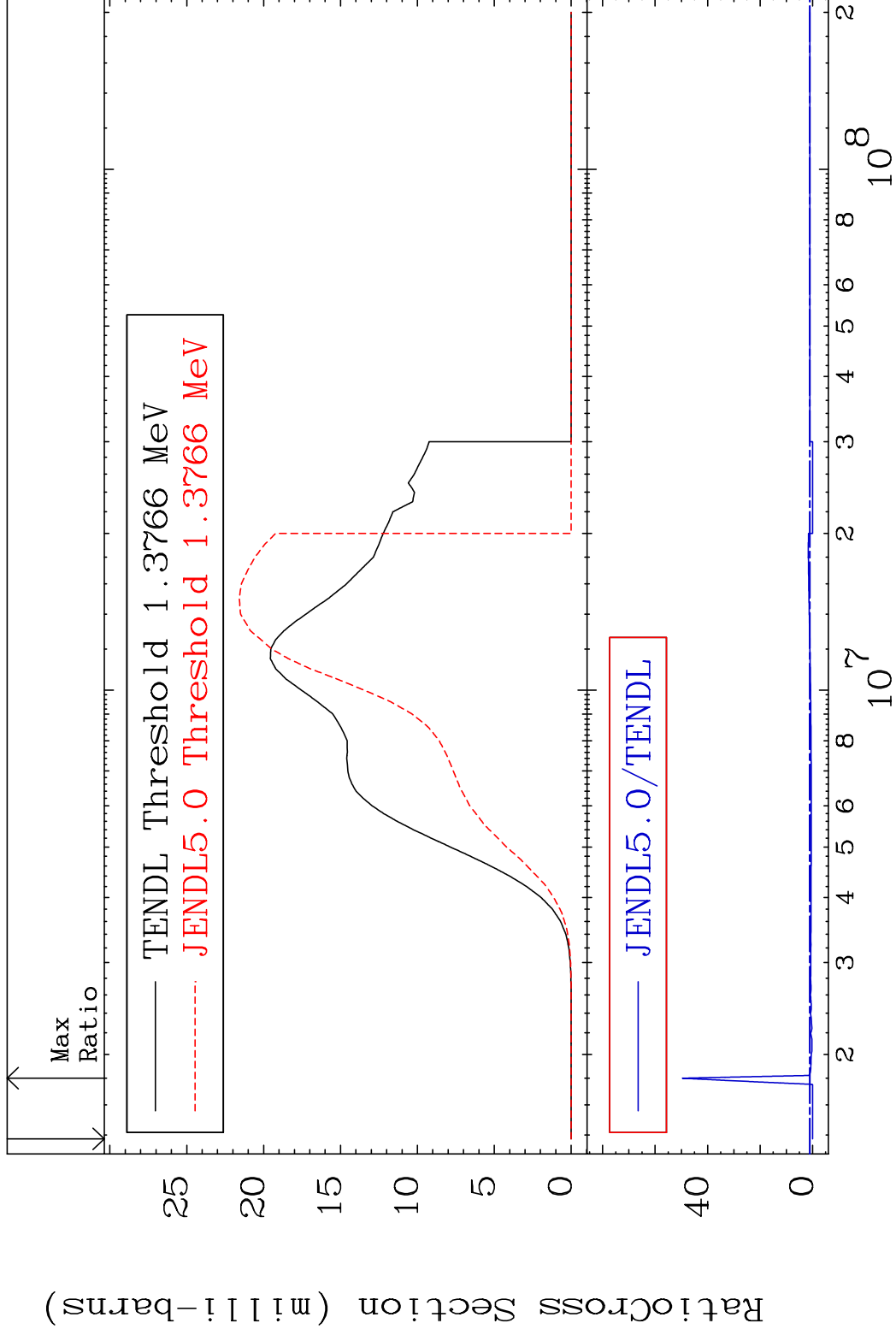
29-Cu-65

MAT 2931

(n,p)

29-Cu-65

Cross Section -100.0 To 4862. %

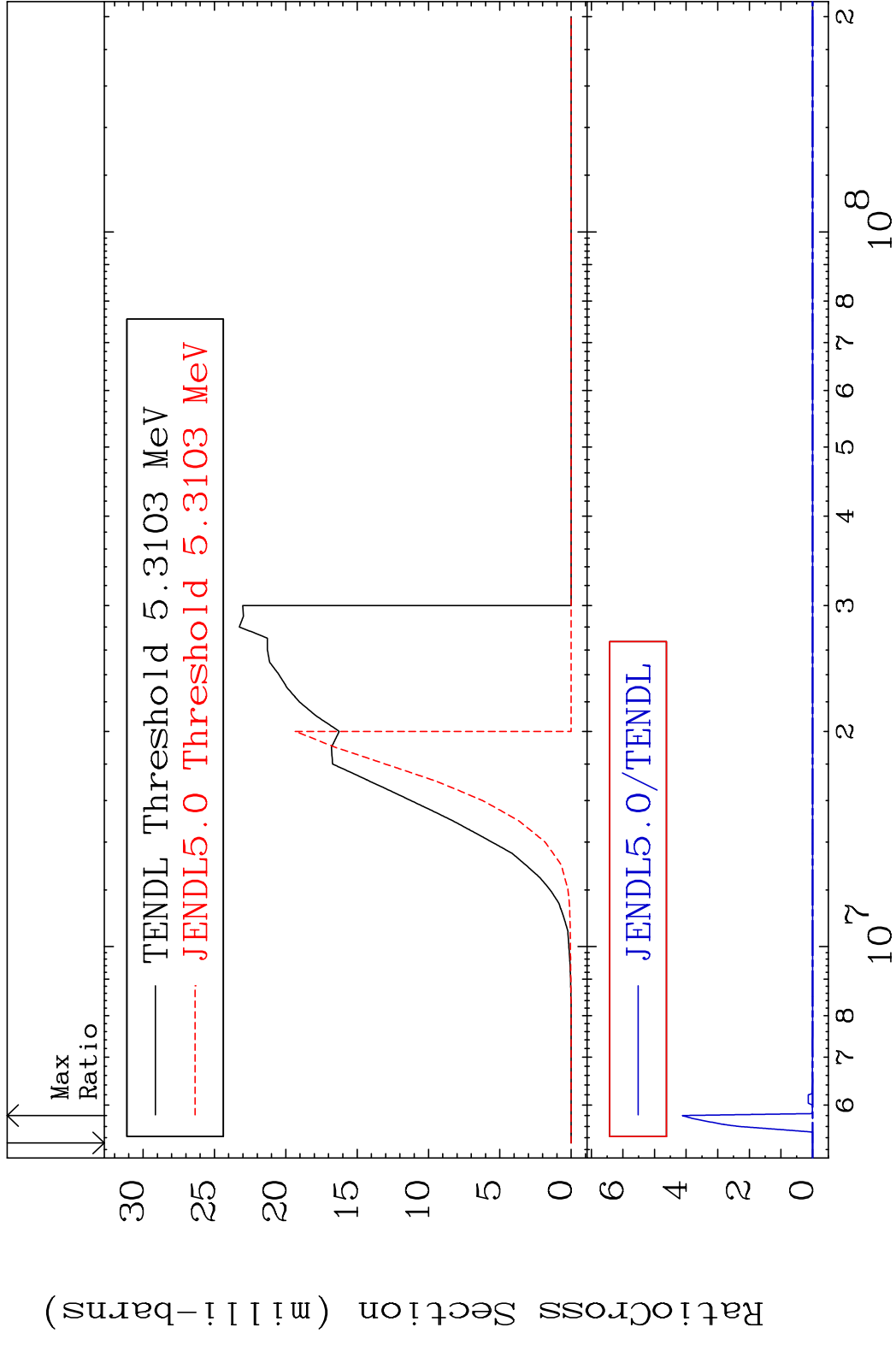


47

Incident Energy (eV)

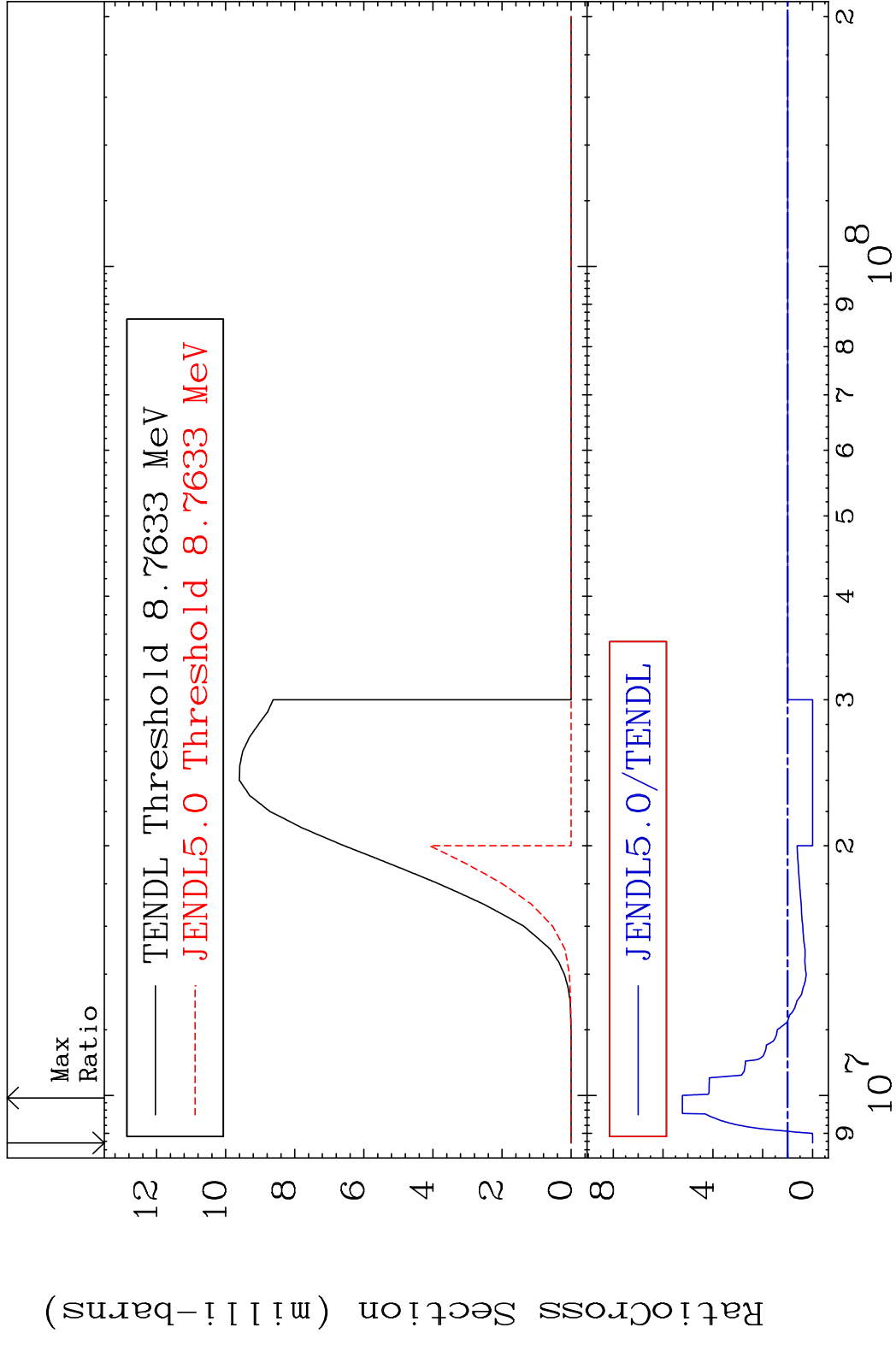
29-Cu-65

MAT 2931 (n,d) 29-Cu-65
 Cross Section -100.0 To 9999. %

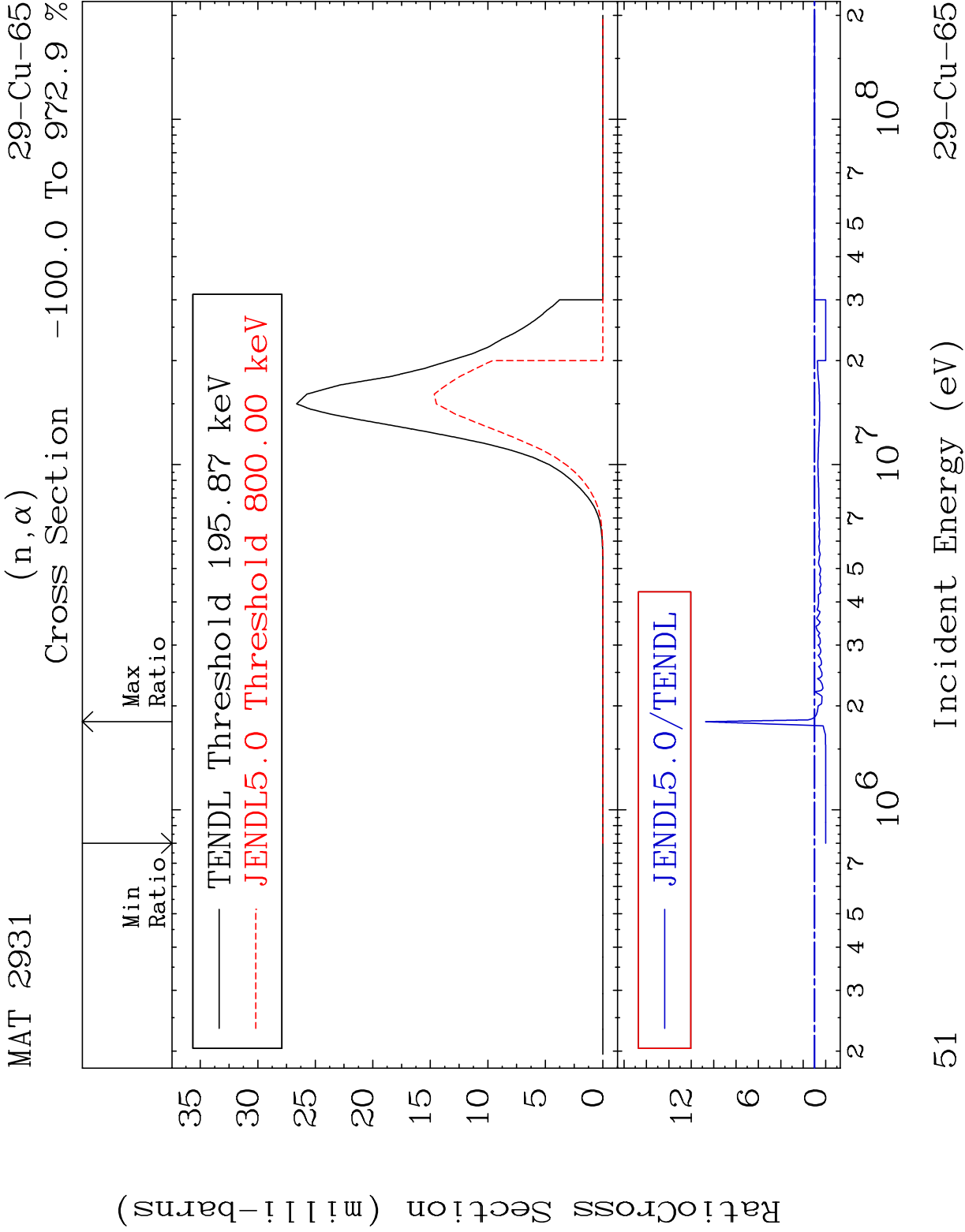


48 Incident Energy (eV) 29-Cu-65

MAT 2931 (n, t) 29-Cu-65
 Cross Section -100.0 To 422.5 %



49 29-Cu-65

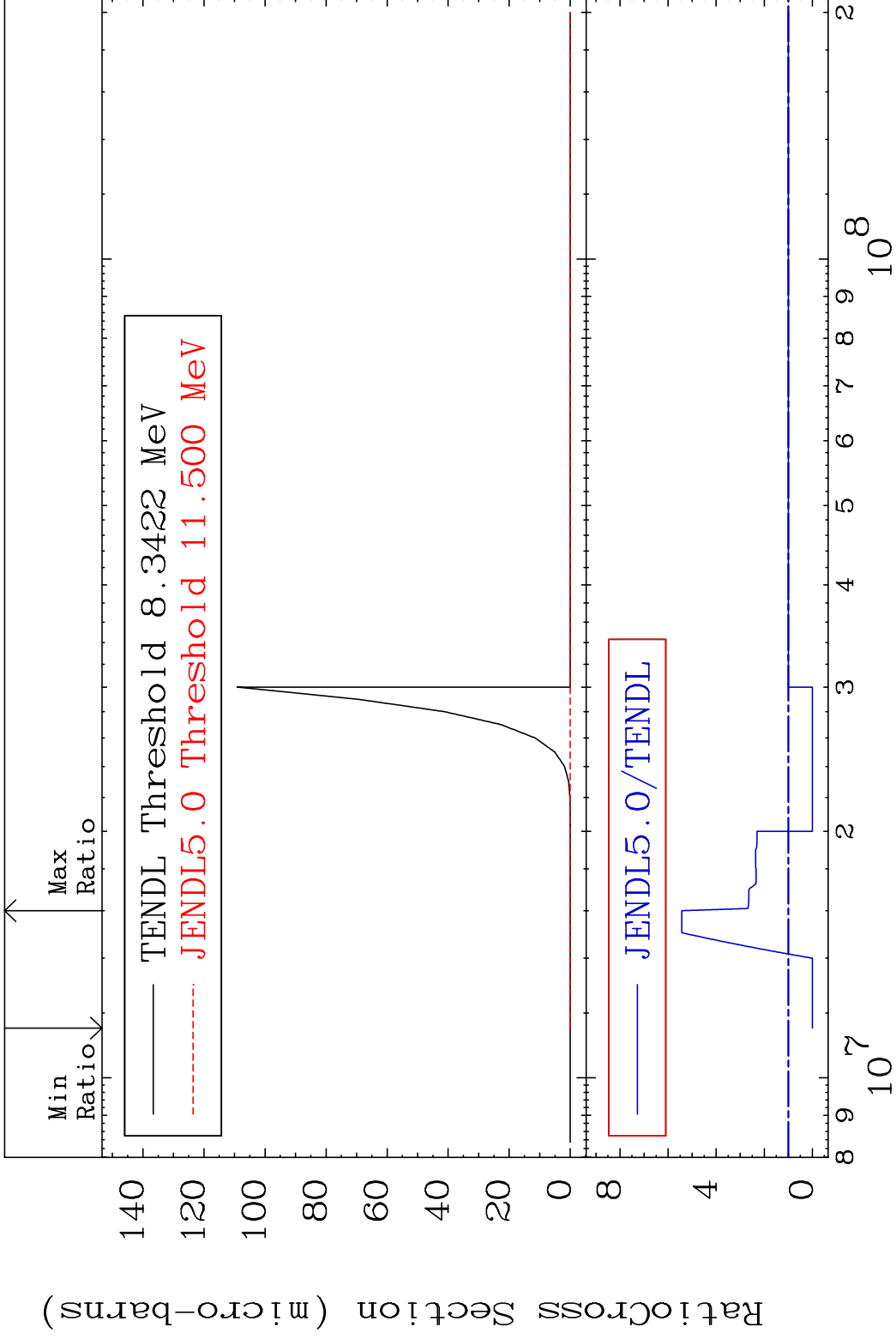


MAT 2931

(n,2α)

29-Cu-65

Cross Section -100.0 To 443.2 %

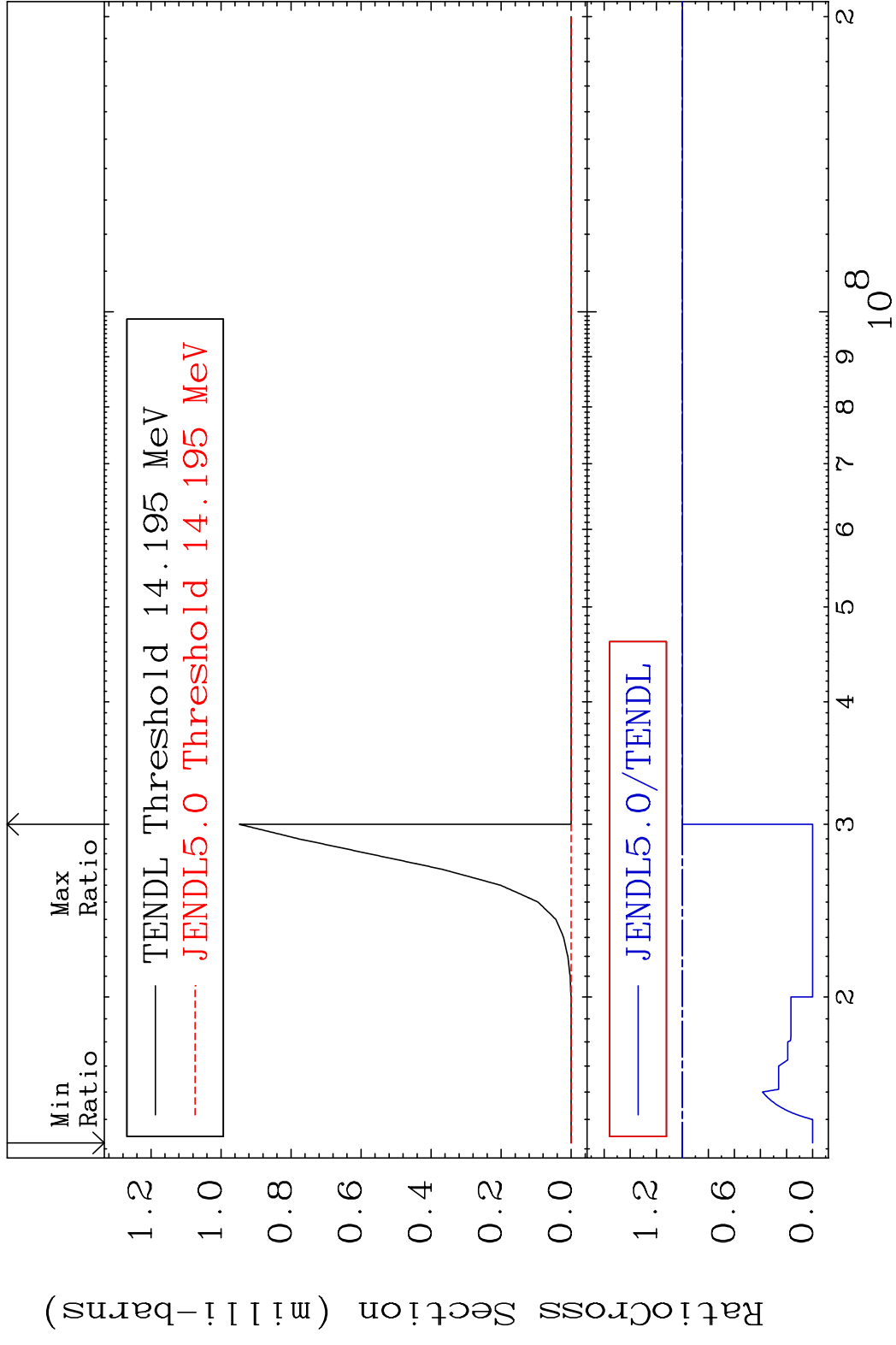


52

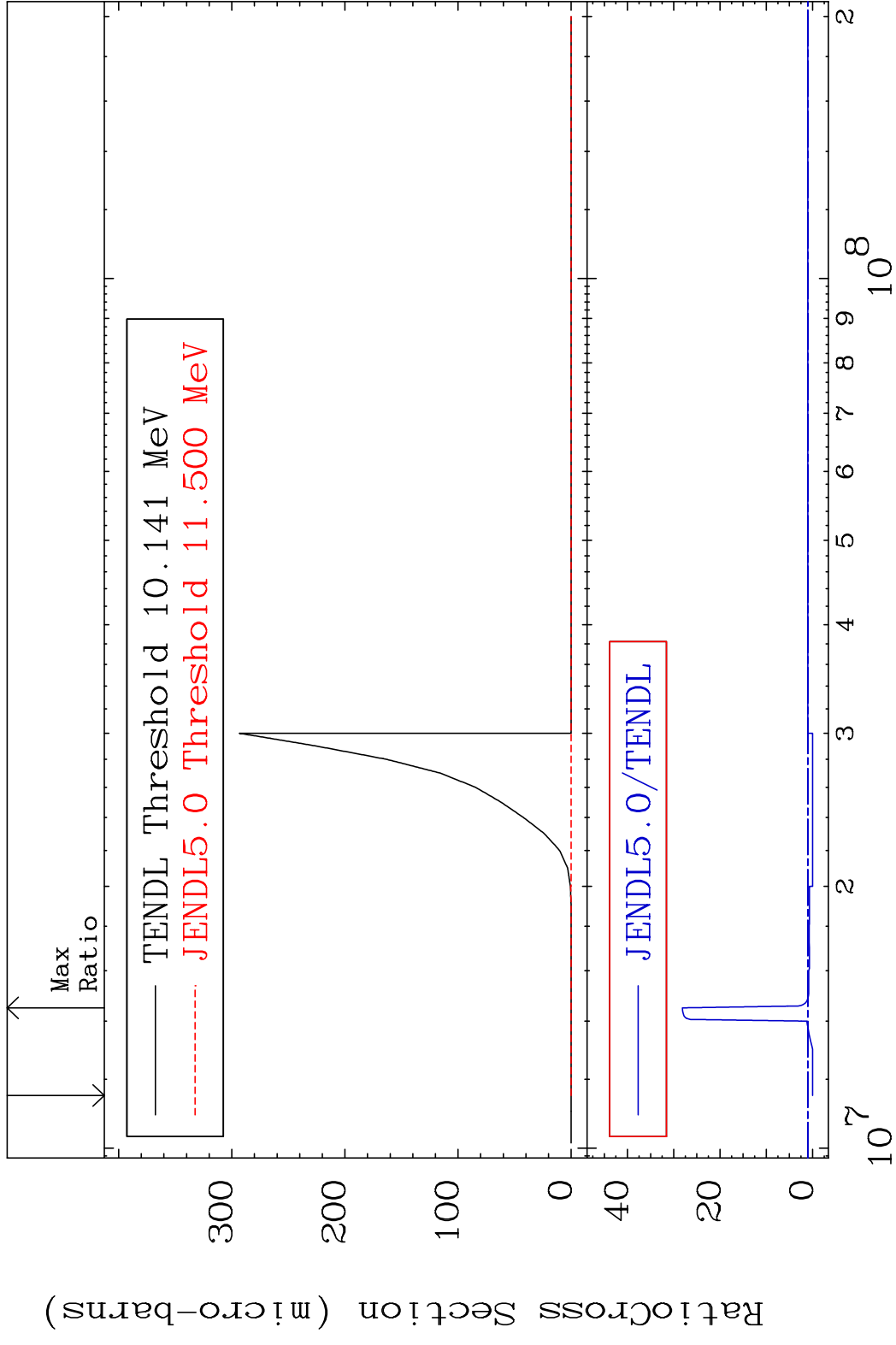
Incident Energy (eV)

29-Cu-65

MAT 2931 (n,2p) 29-Cu-65
 Cross Section -100.0 To 0.000 %



MAT 2931 (n,p) α 29-Cu-65
 Cross Section -100.0 To 2714. %

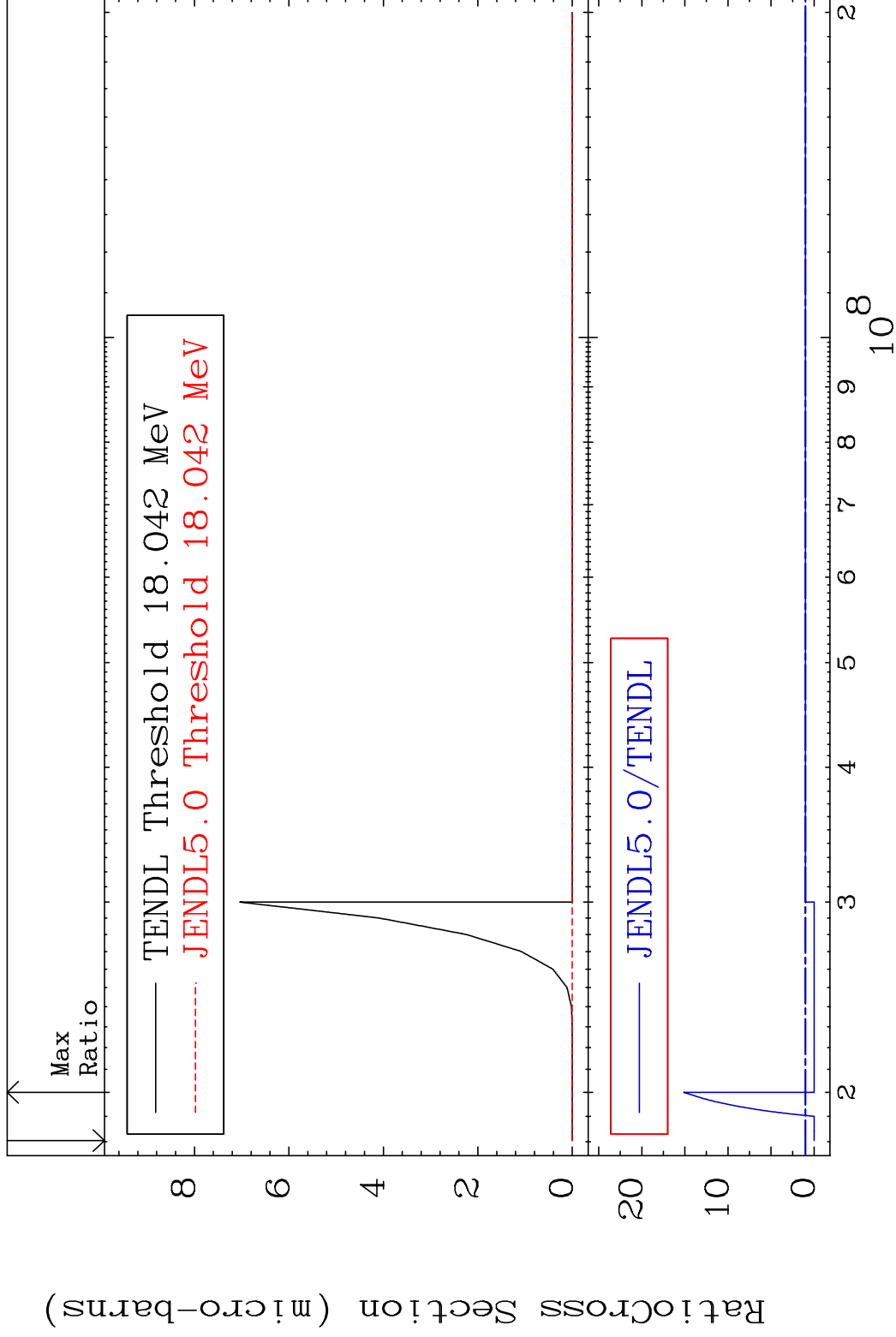


MAT 2931

(n,p) d

29-Cu-65

Cross Section -100.0 To 1414. %

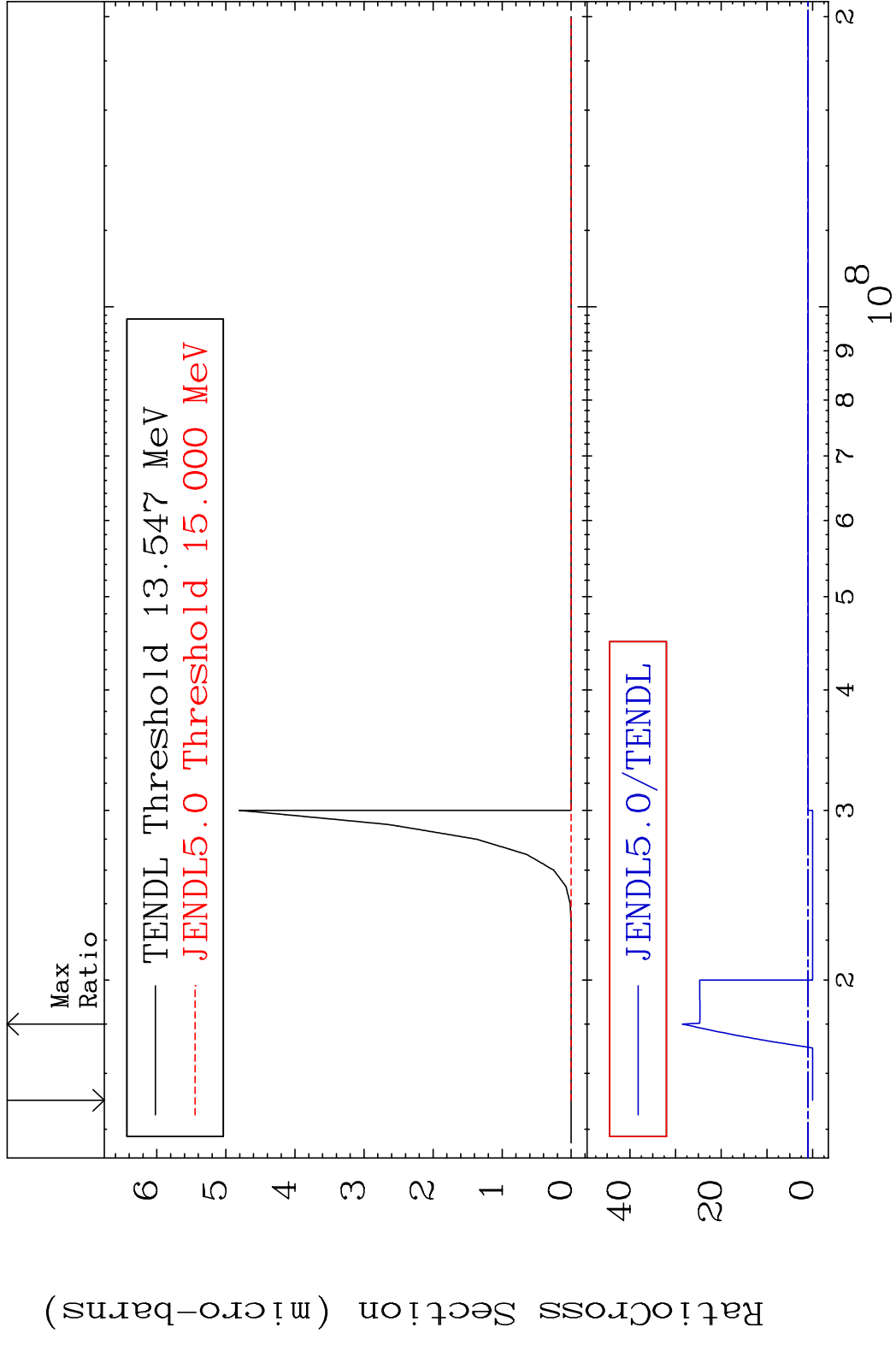


55

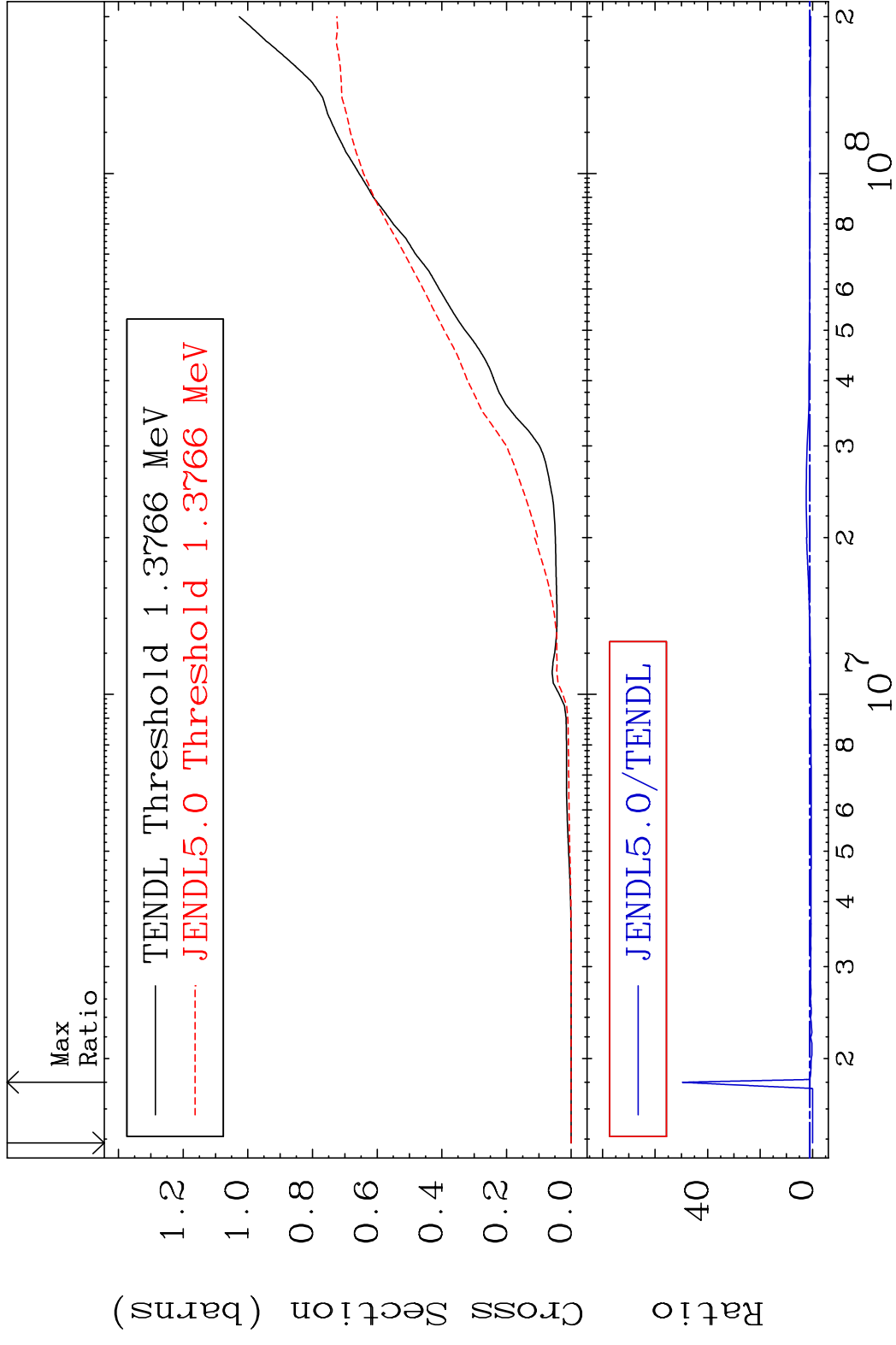
Incident Energy (eV)

29-Cu-65

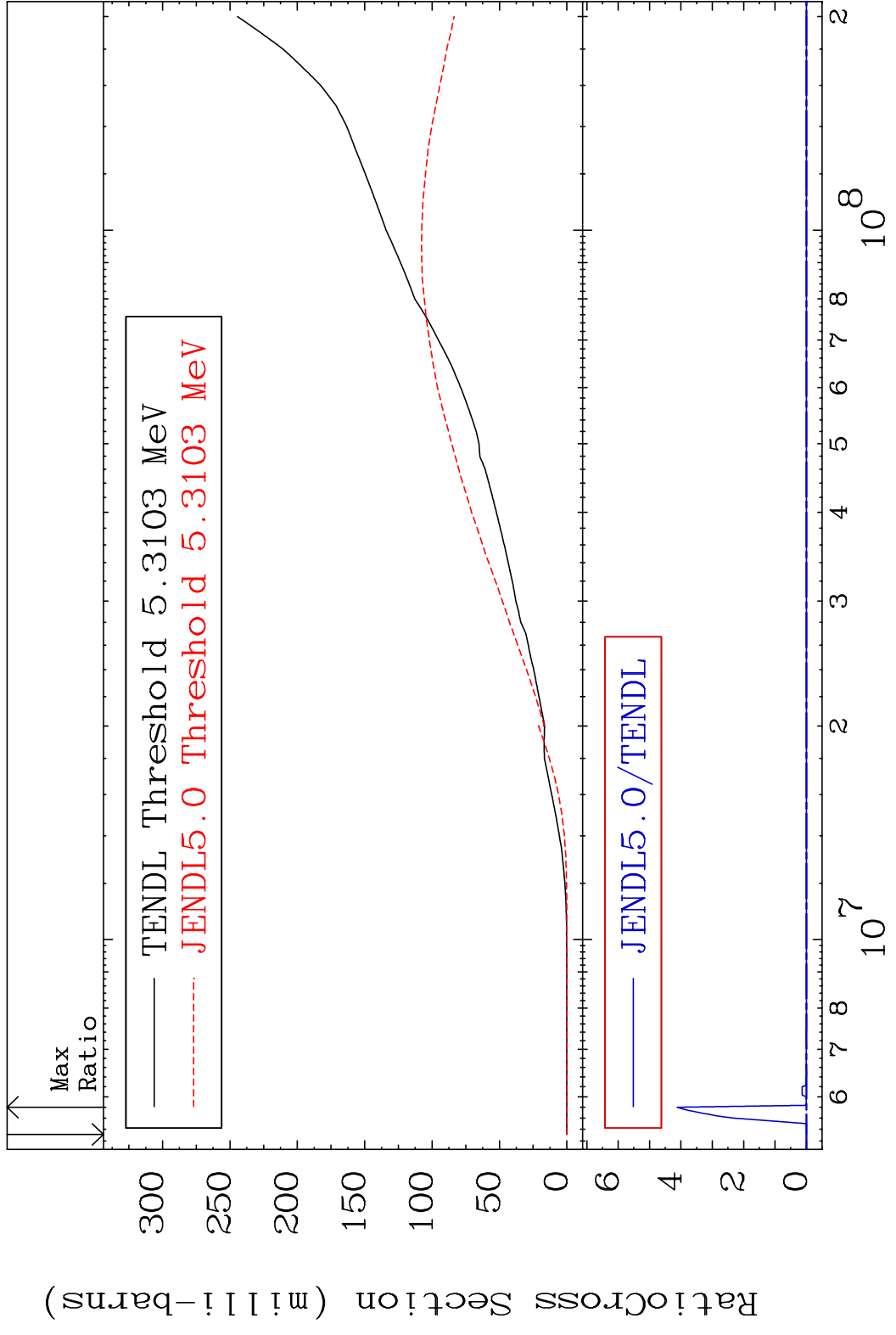
MAT 2931 (n,d) α 29-Cu-65
 Cross Section -100.0 To 2752. %



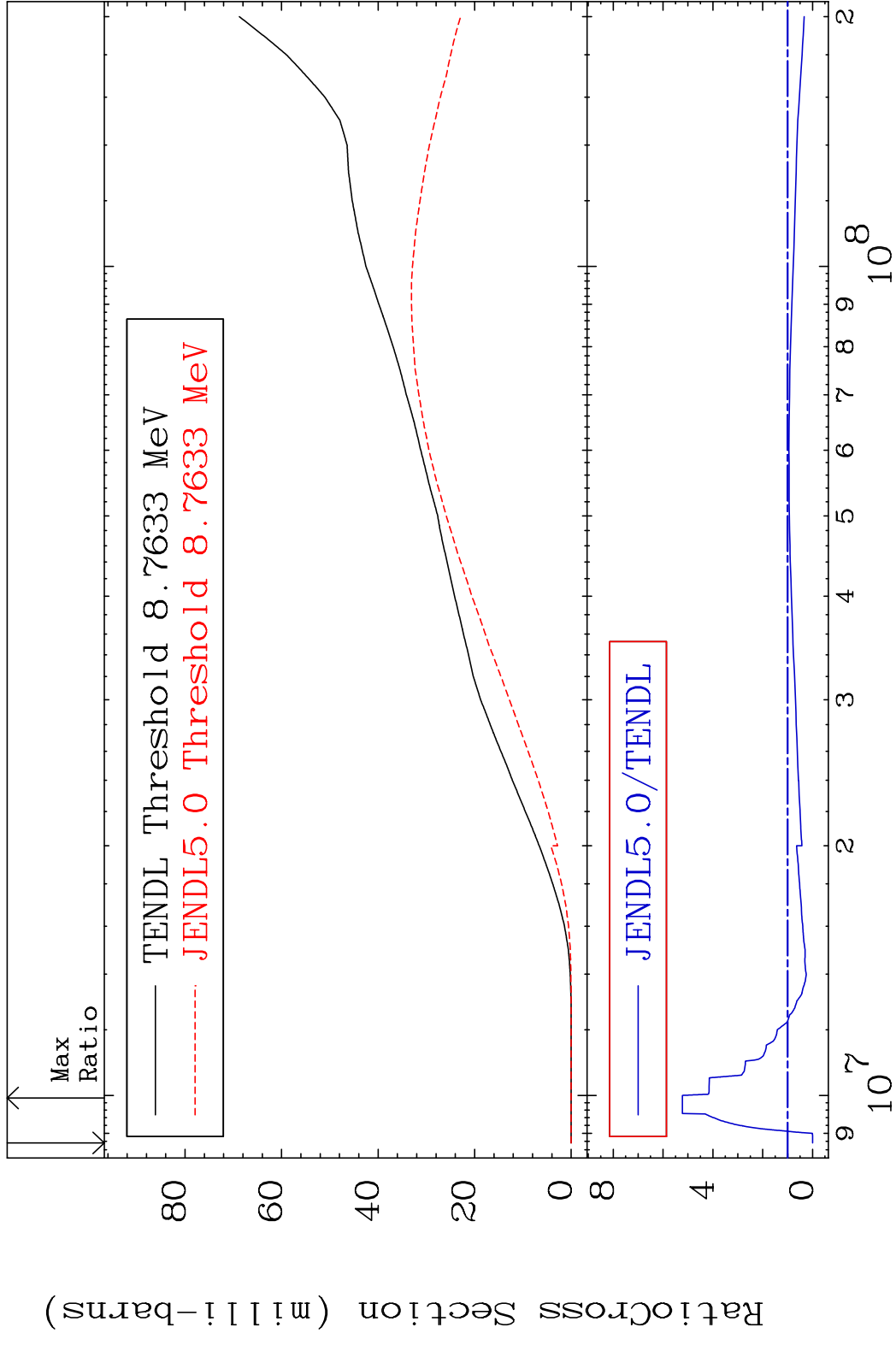
MAT 2931 Hydrogen Production 29-Cu-65
 Cross Section -100.0 To 4862. %



MAT 2931 Deuterium Production 29-Cu-65
 Cross Section -100.0 To 9999. %

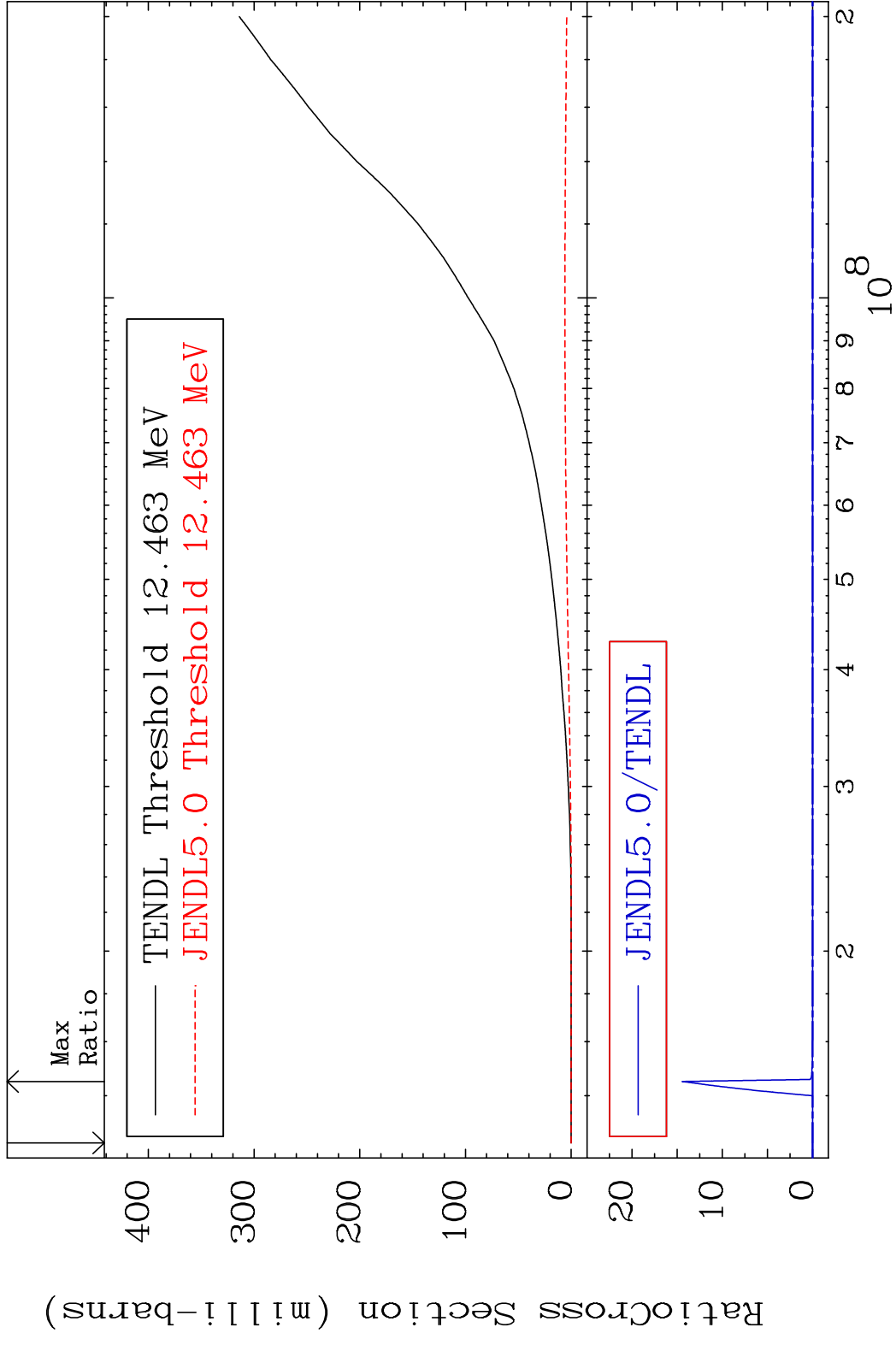


MAT 2931 Tritium Production 29-Cu-65
 Cross Section -100.0 To 422.5 %



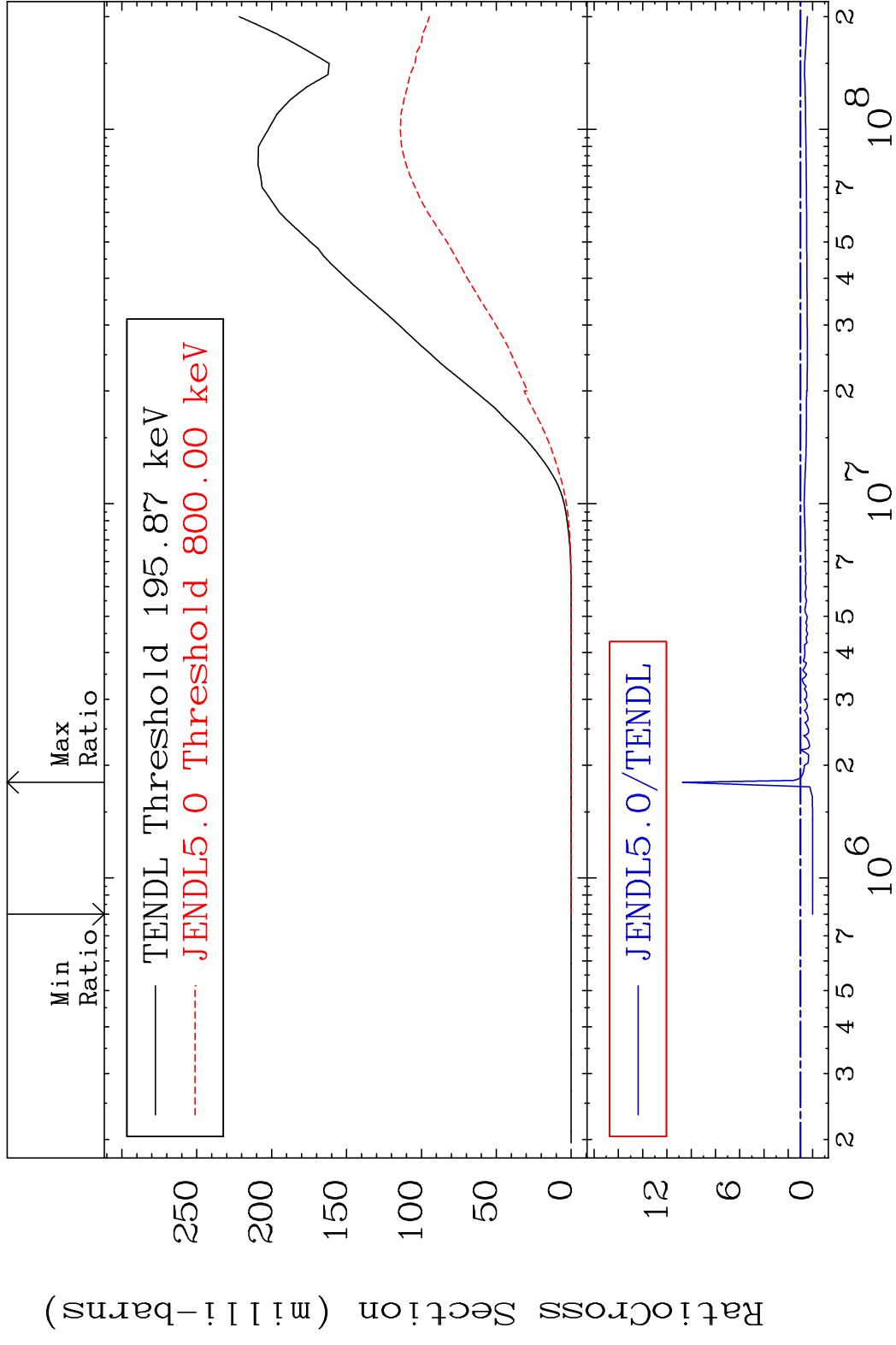
59 29-Cu-65

MAT 2931 He-3 Production 29-Cu-65
 Cross Section -100.0 To 9999. %

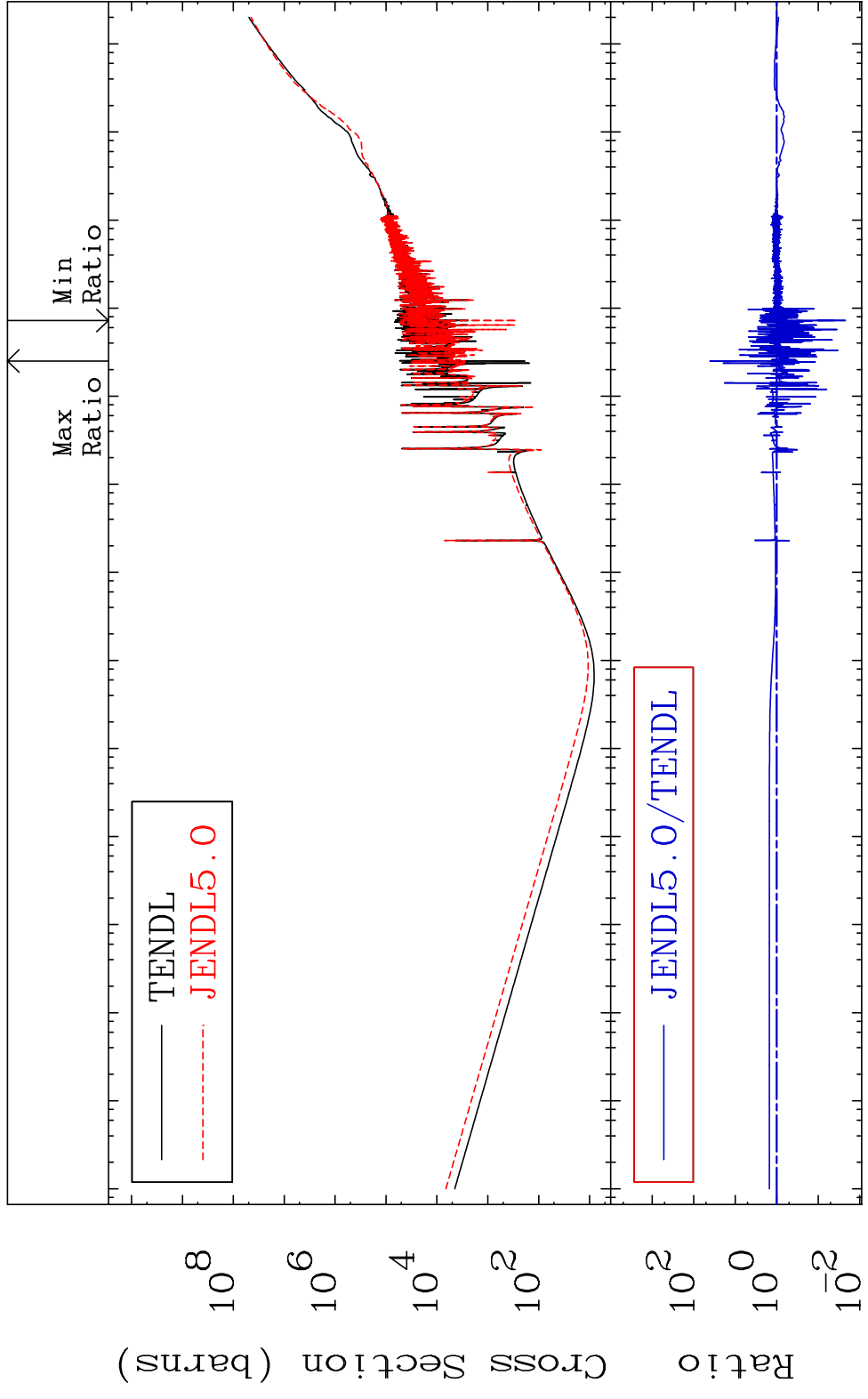


60 Incident Energy (eV) 29-Cu-65

MAT 2931 He-4 Production 29-Cu-65
 Cross Section -100.0 To 972.9 %



MAT 2931 Kerma total (eV-barns) 29-Cu-65
 Cross Section -97.77 To 3981. %



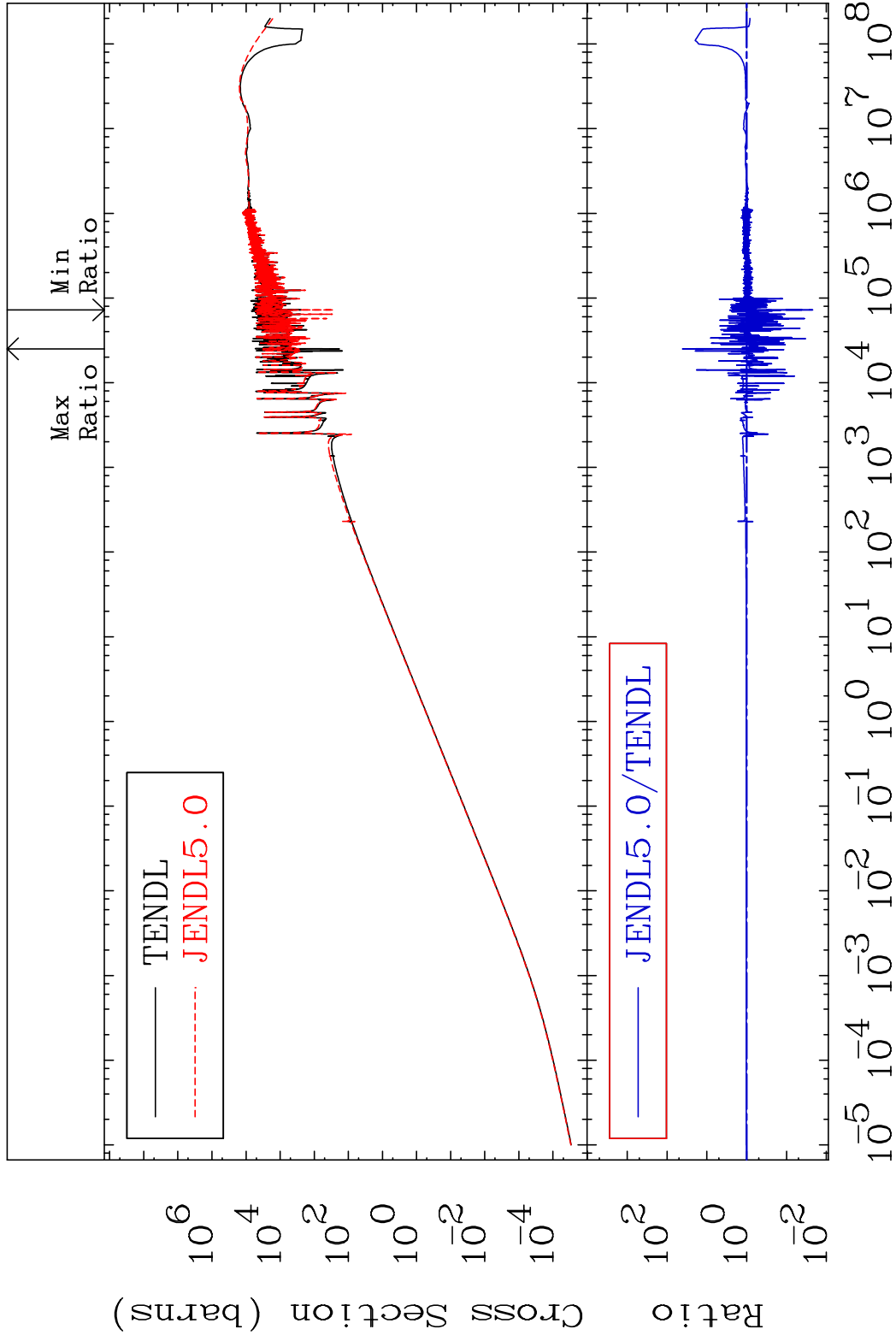
62 Incident Energy (eV) 29-Cu-65

MAT 2931

Kerma elastic

29-Cu-65

Cross Section -97.78 To 4030. %

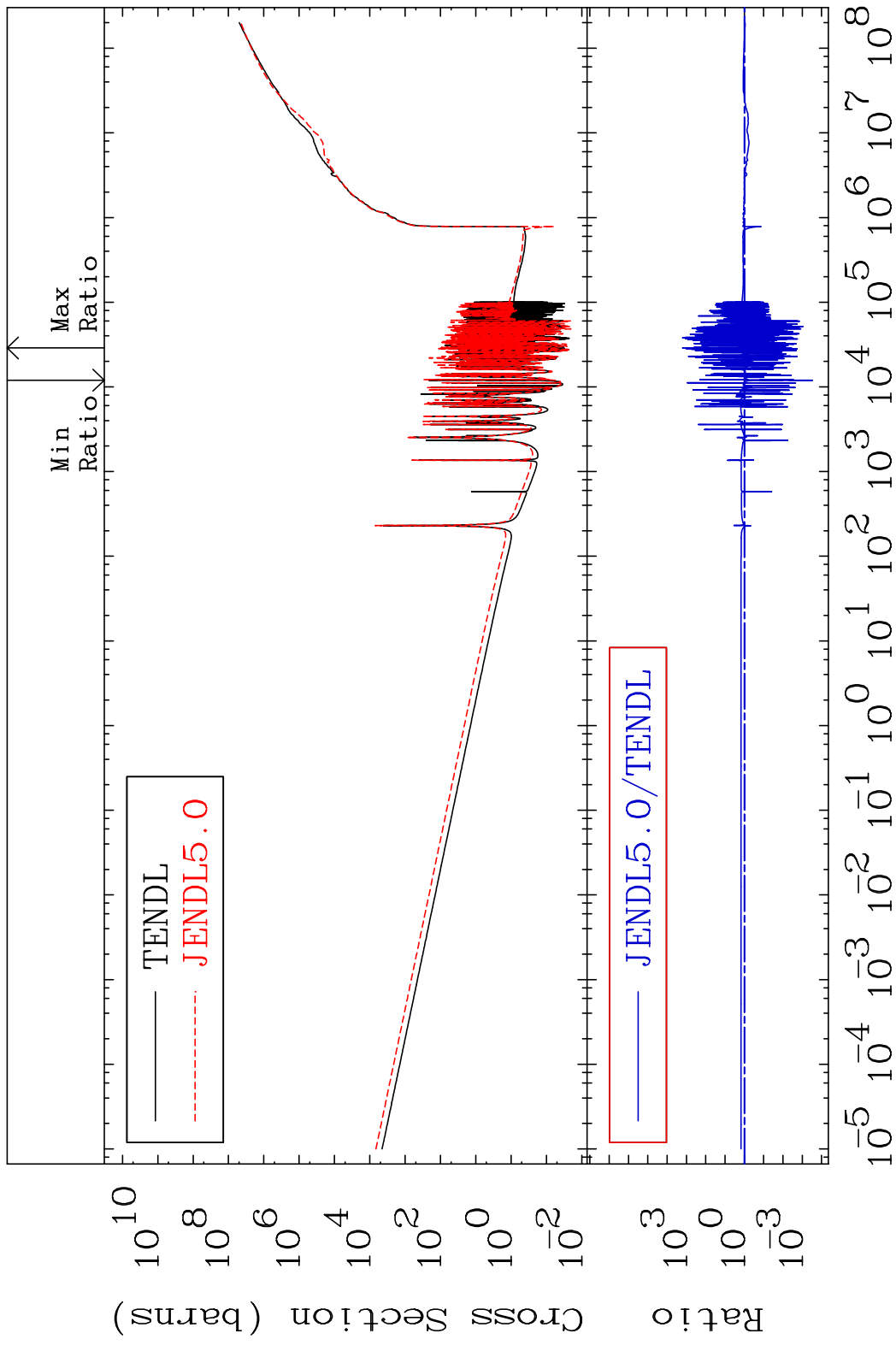


63

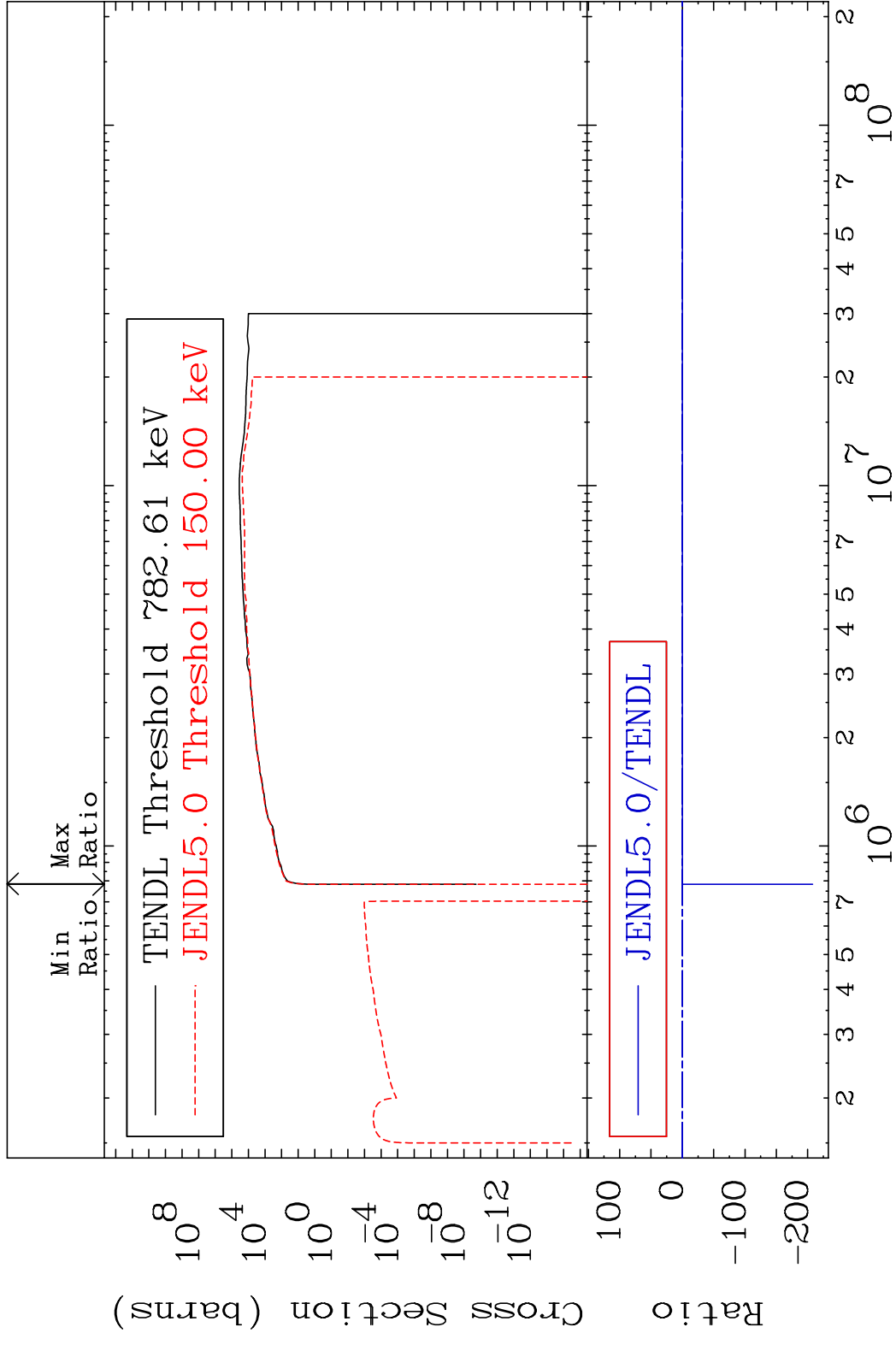
Incident Energy (eV)

29-Cu-65

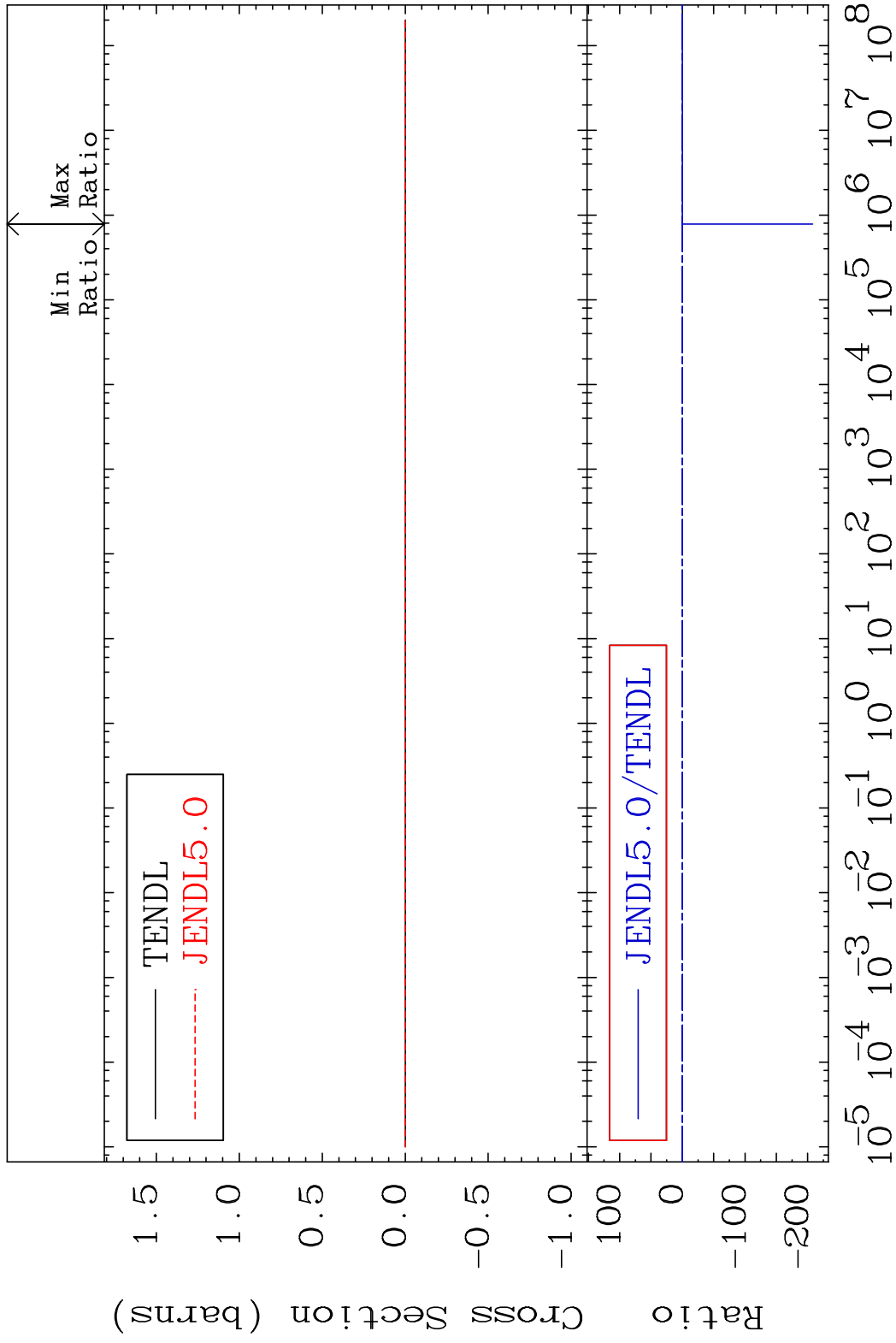
MAT 2931 Kerma non-elastic (all but mt2) 29-Cu-65
 Cross Section -99.97 To 9999. %



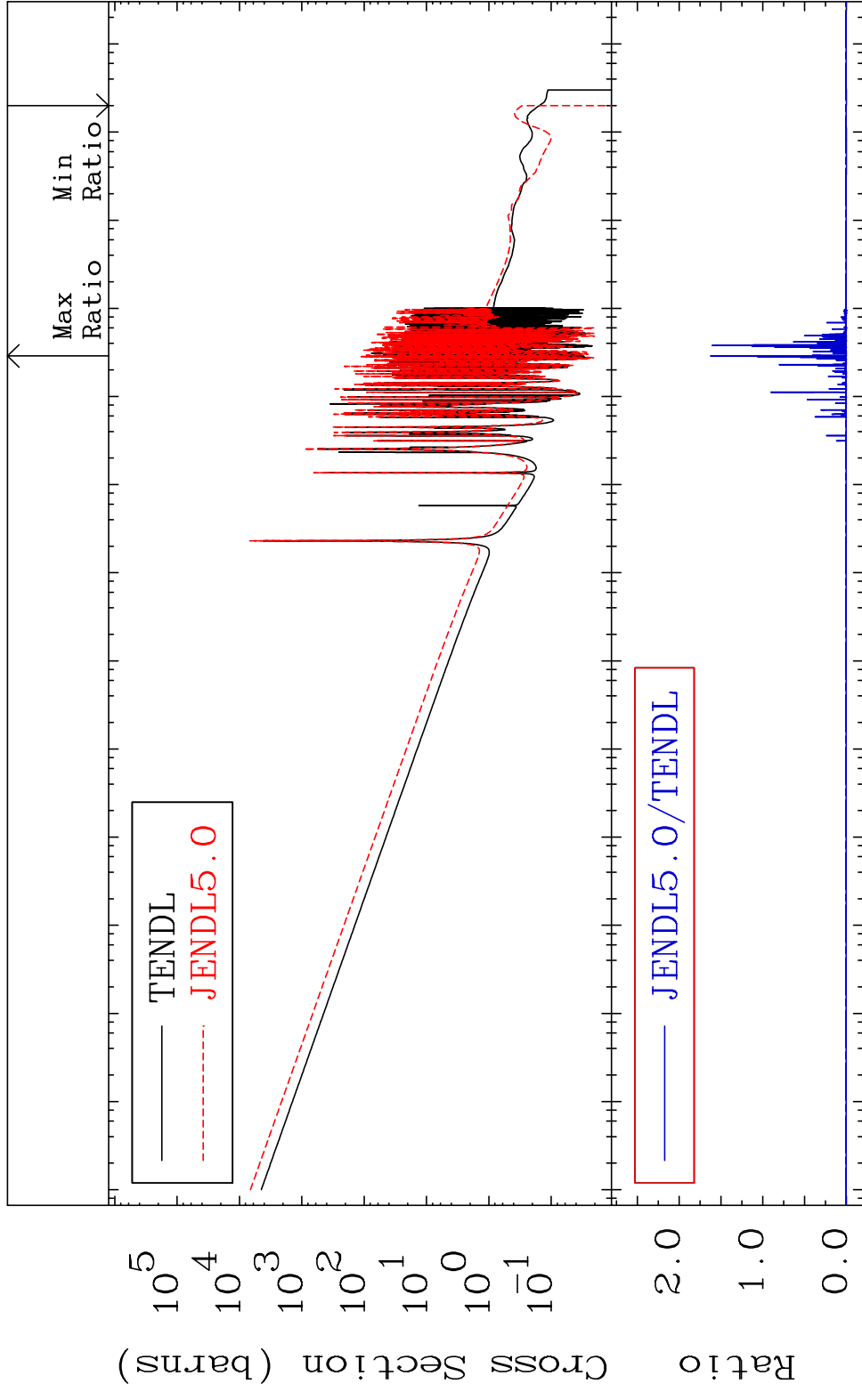
MAT 2931 Kerma inelastic (mt51-91) 29-Cu-65
 Cross Section -9999. To 20.28 %



MAT 2931 Kerma fission (mt18 or mt19-20-21-38) 29-Cu-65
 Cross Section -9999. To 20.28 %

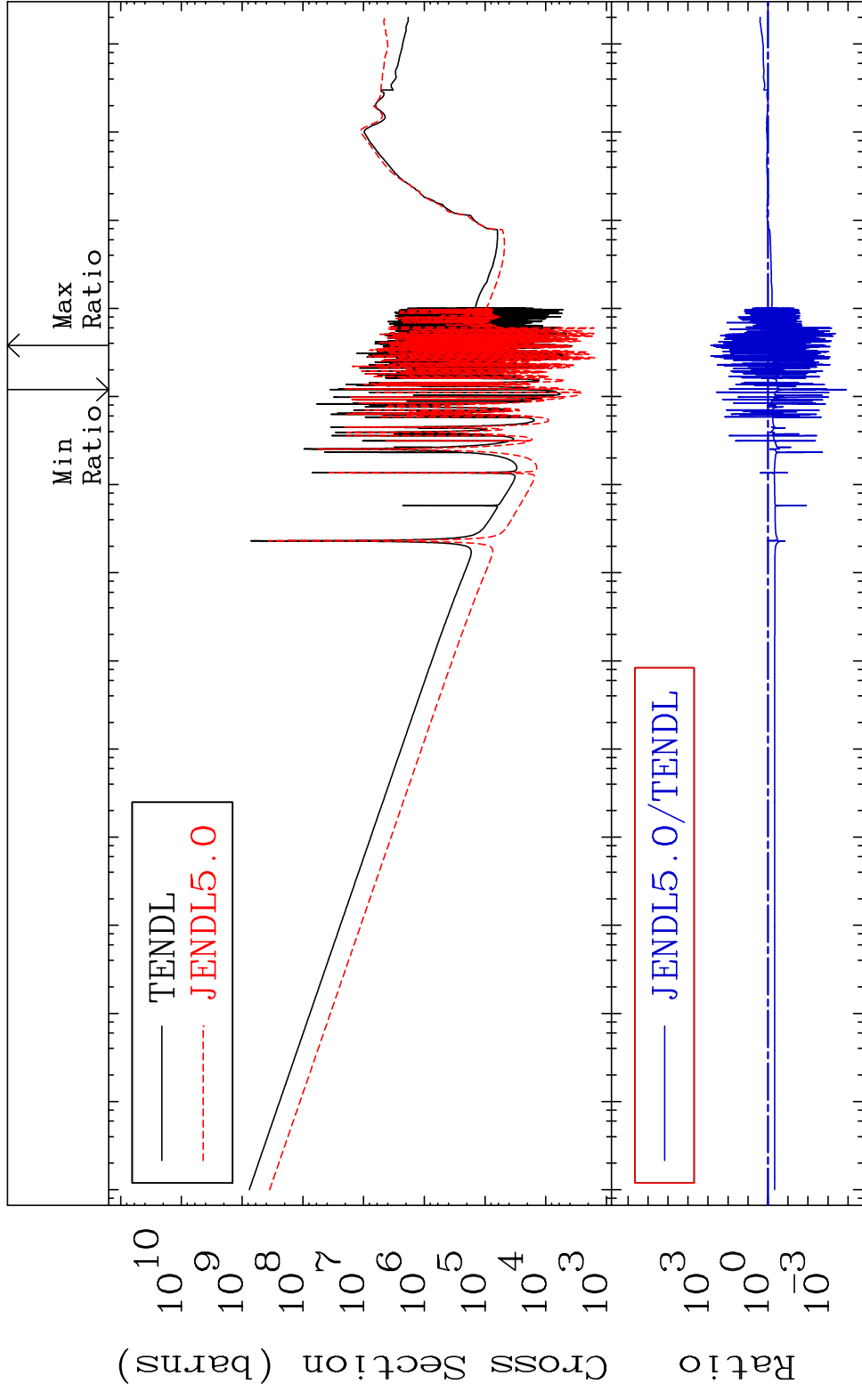


MAT 2931 Kerma capture (mt102) 29-Cu-65
 Cross Section -100.0 To 9999. %



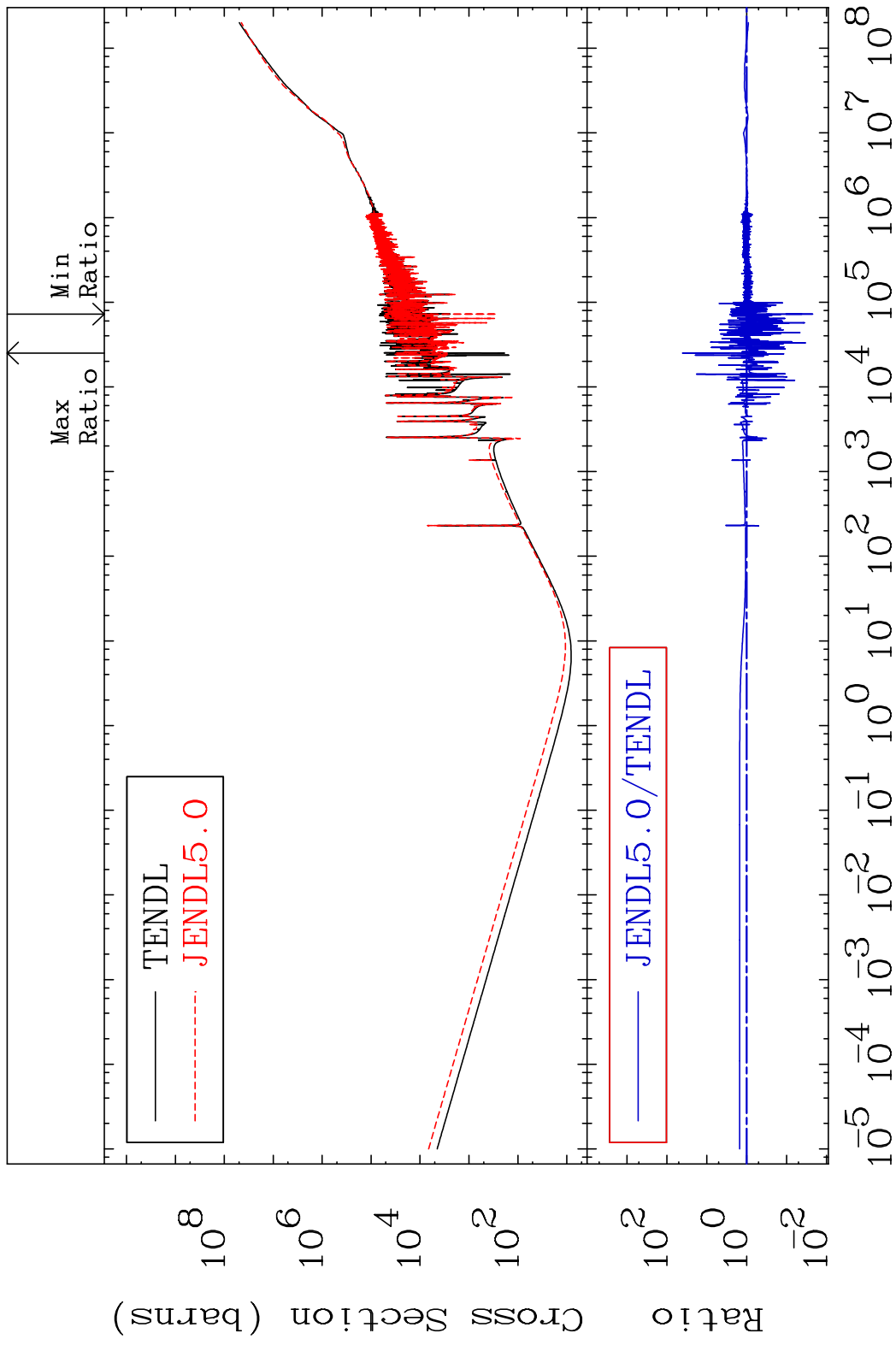
67 Incident Energy (eV) 29-Cu-65

MAT 2931 Total photon (eV-barns) 29-Cu-65
 Cross Section -99.99 To 9999. %

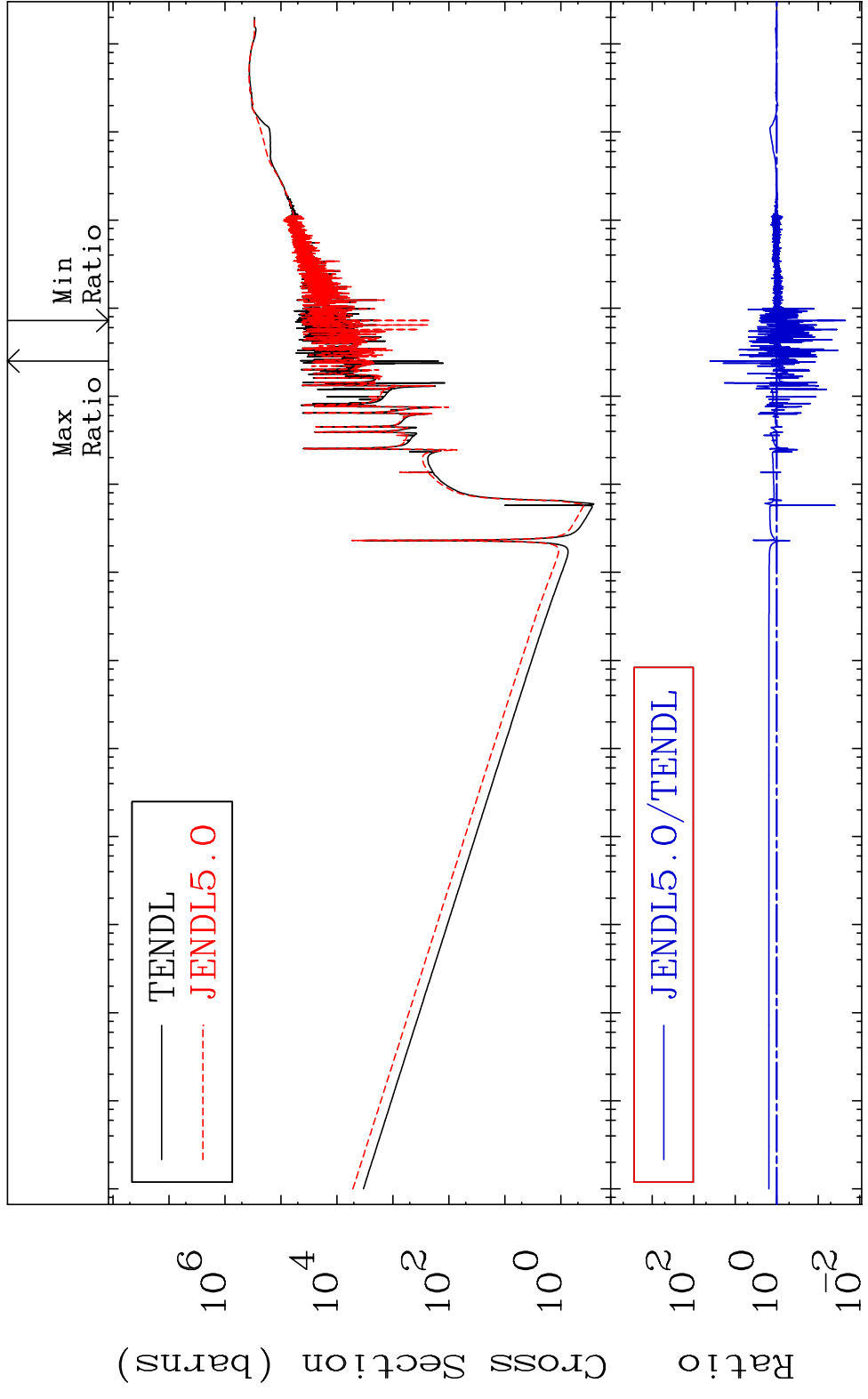


68 Incident Energy (eV) 29-Cu-65

MAT 2931 Total kinematic kerma (high limit) 29-Cu-65
Cross Section -97.77 To 3981. %



MAT 2931 Dpa total (eV-barns) 29-Cu-65
 Cross Section -97.78 To 3985. %



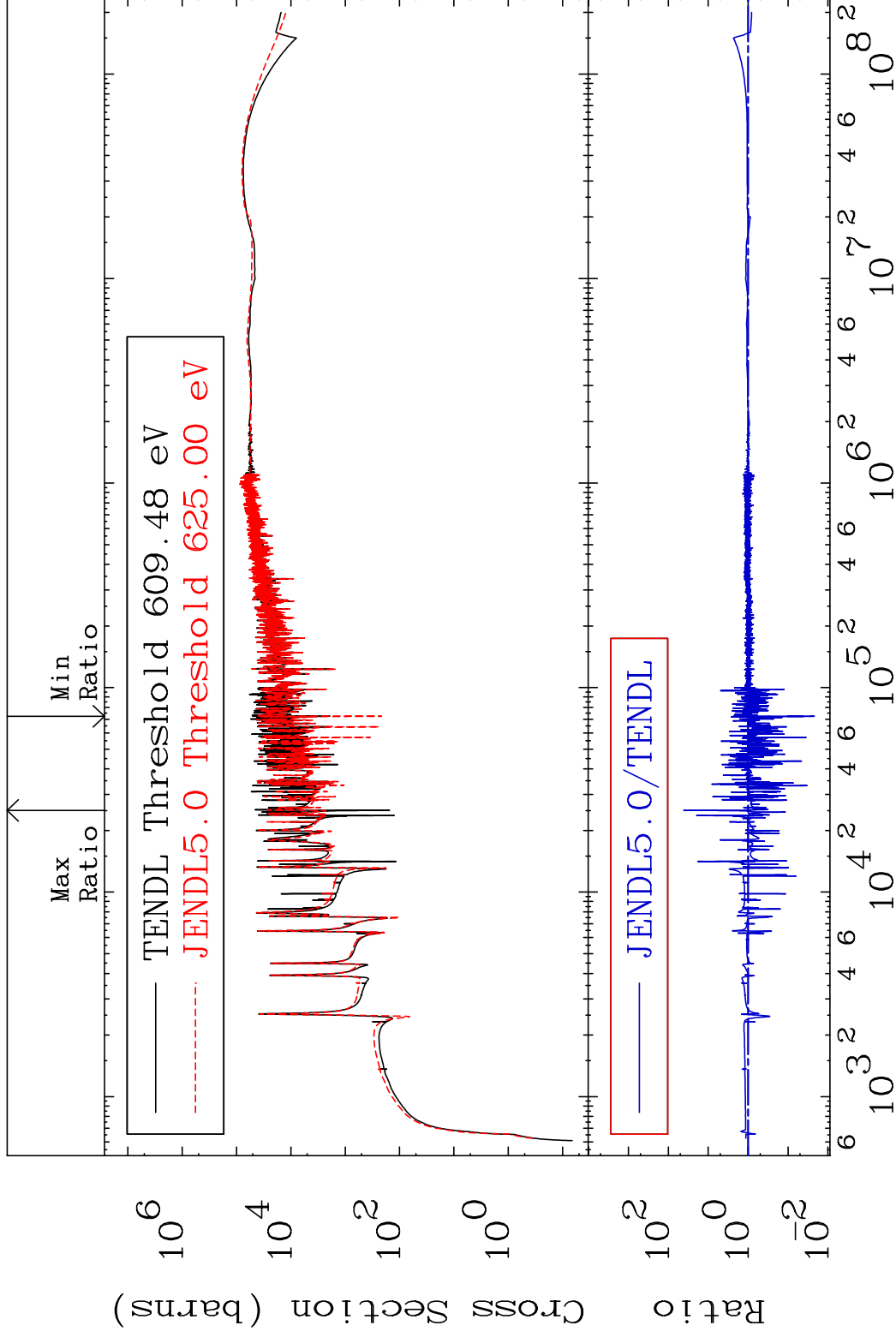
70 Incident Energy (eV) 29-Cu-65

MAT 2931

Dpa elastic (mt2)

29-Cu-65

Cross Section -97.78 To 4029. %

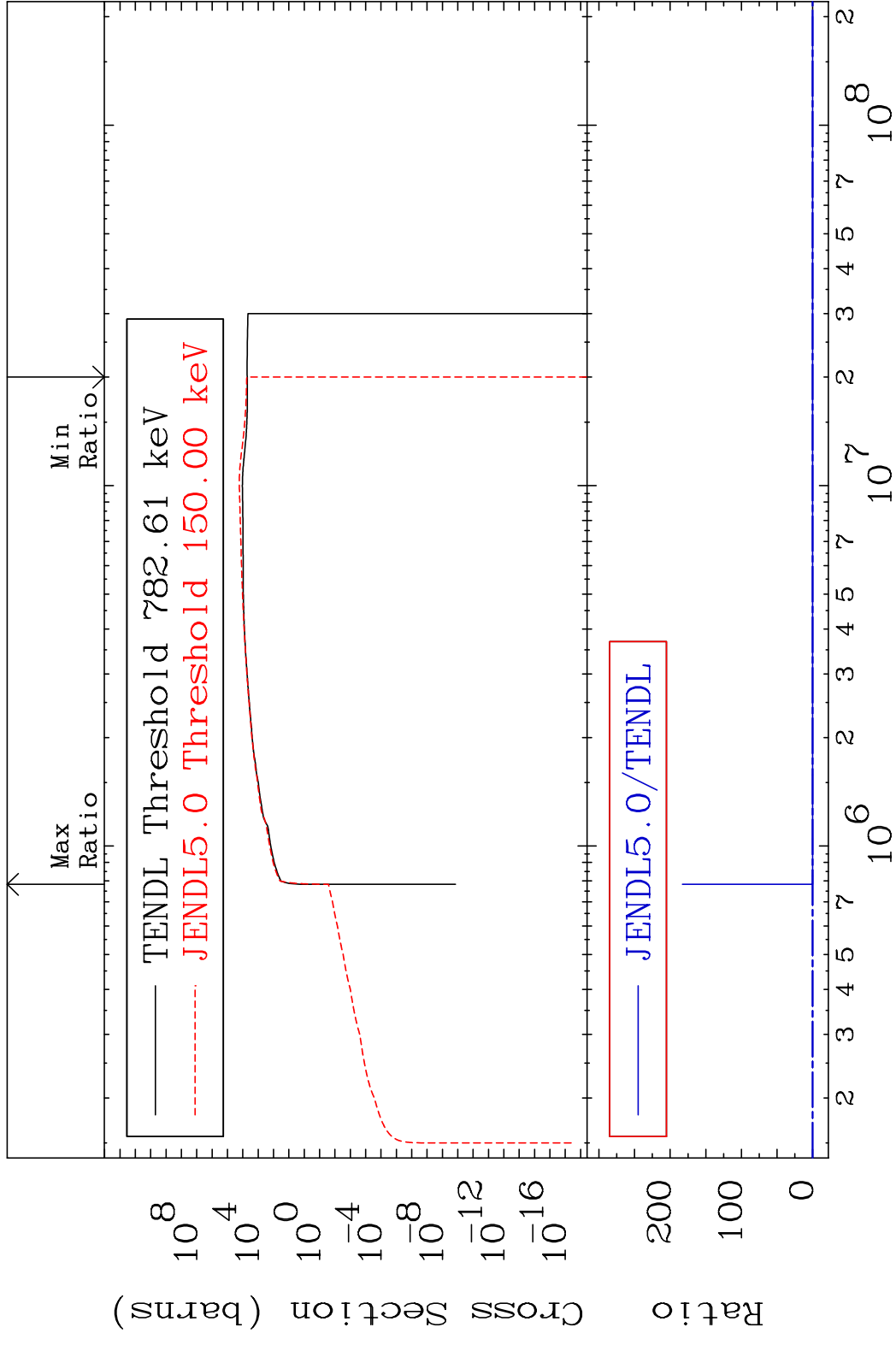


71

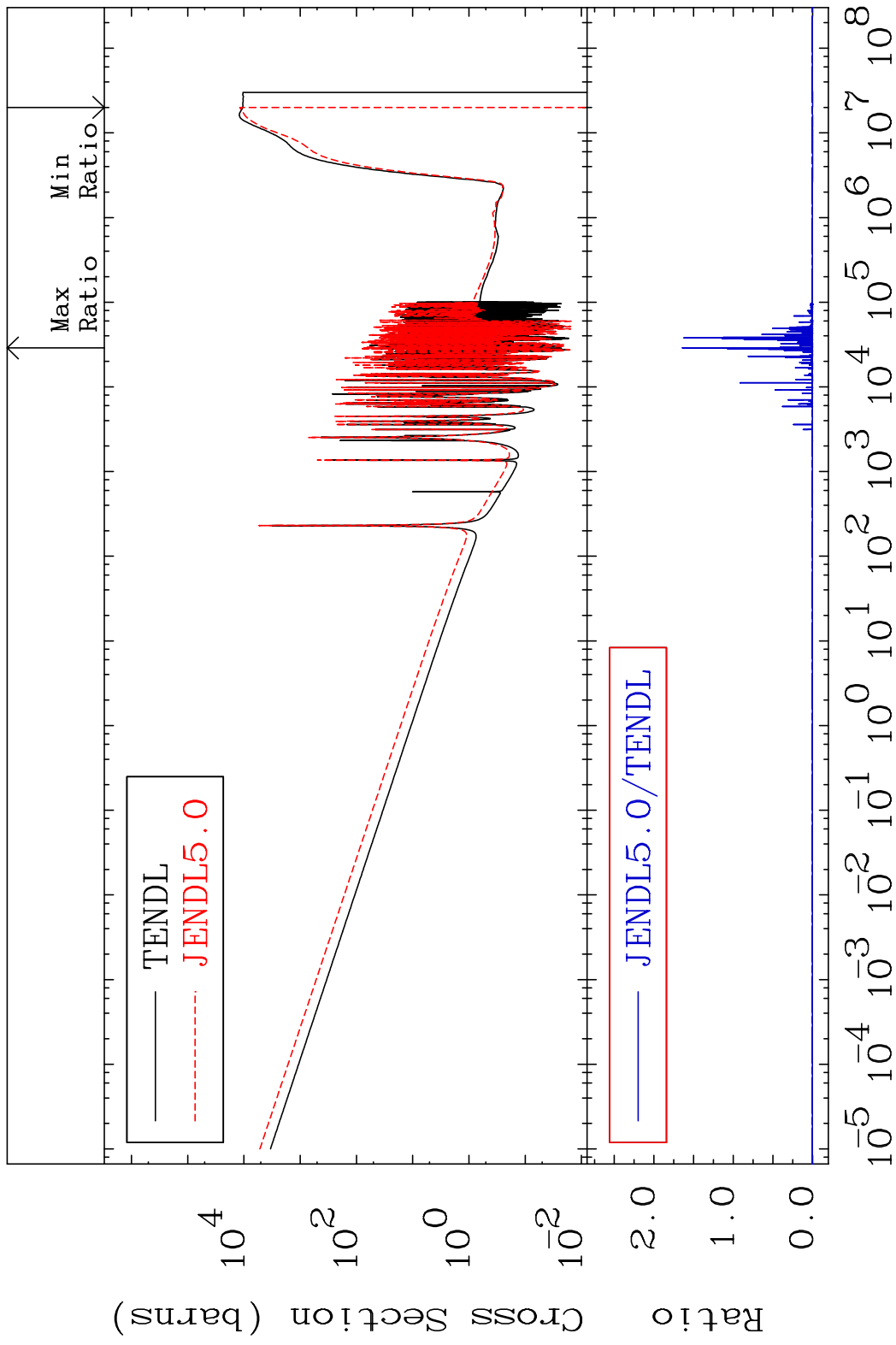
Incident Energy (eV)

29-Cu-65

MAT 2931 Dpa inelastic (mt51-91) 29-Cu-65
 Cross Section -100.0 To 9999. %



MAT 2931 Dpa disappearance (mt102 -120) 29-Cu-65
Cross Section -100.0 To 9999. %

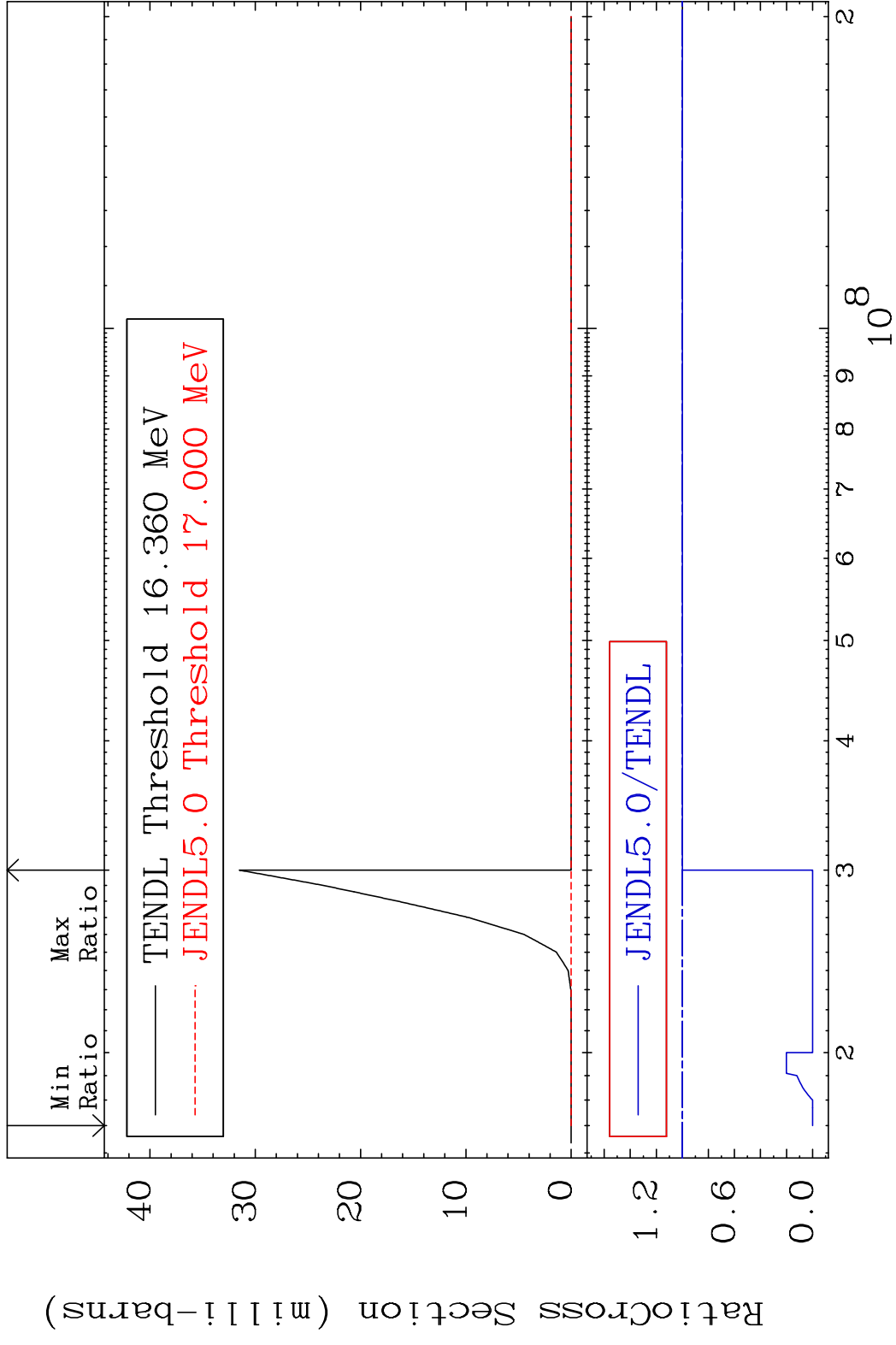


73

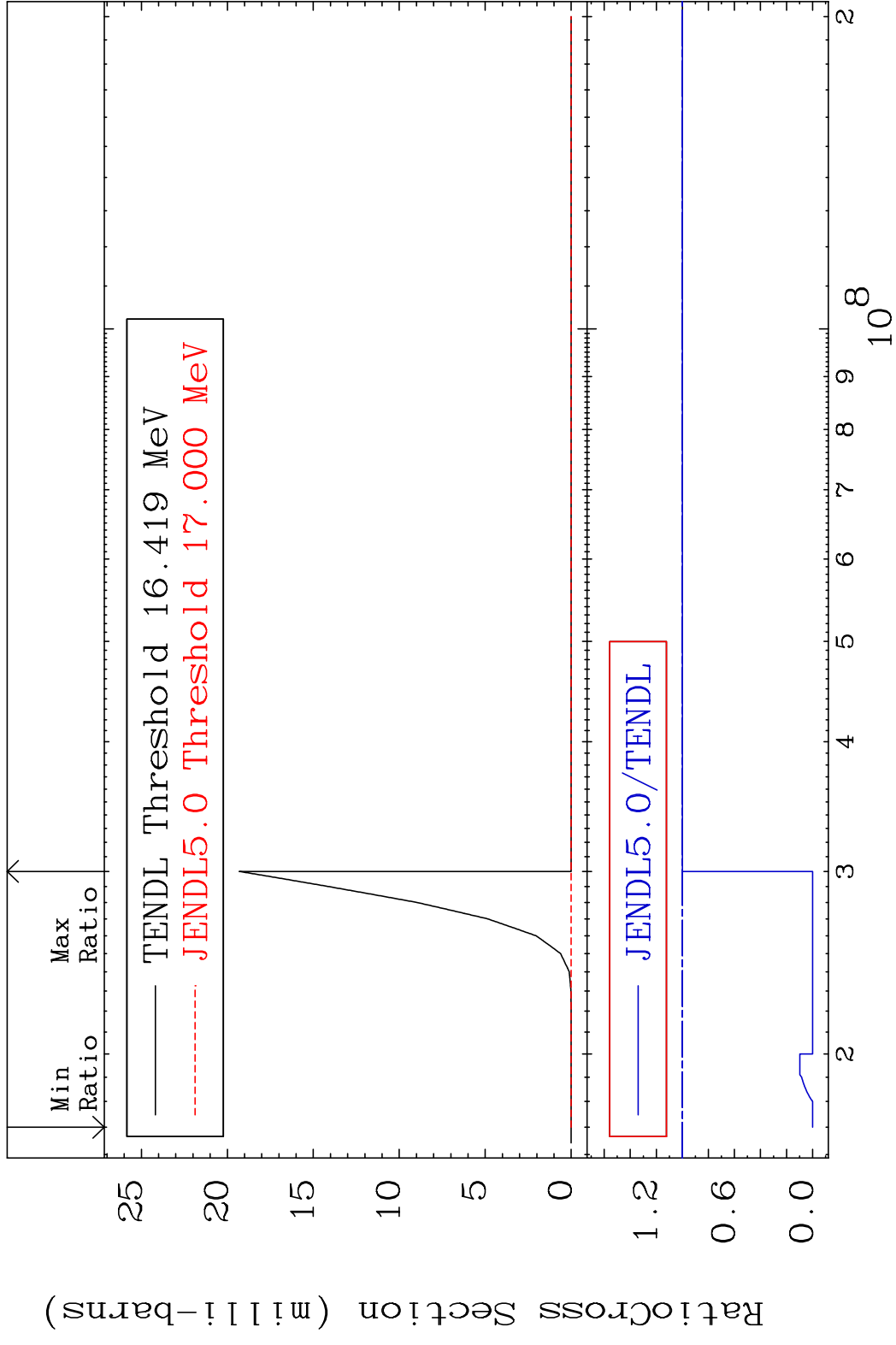
Incident Energy (eV)

29-Cu-65

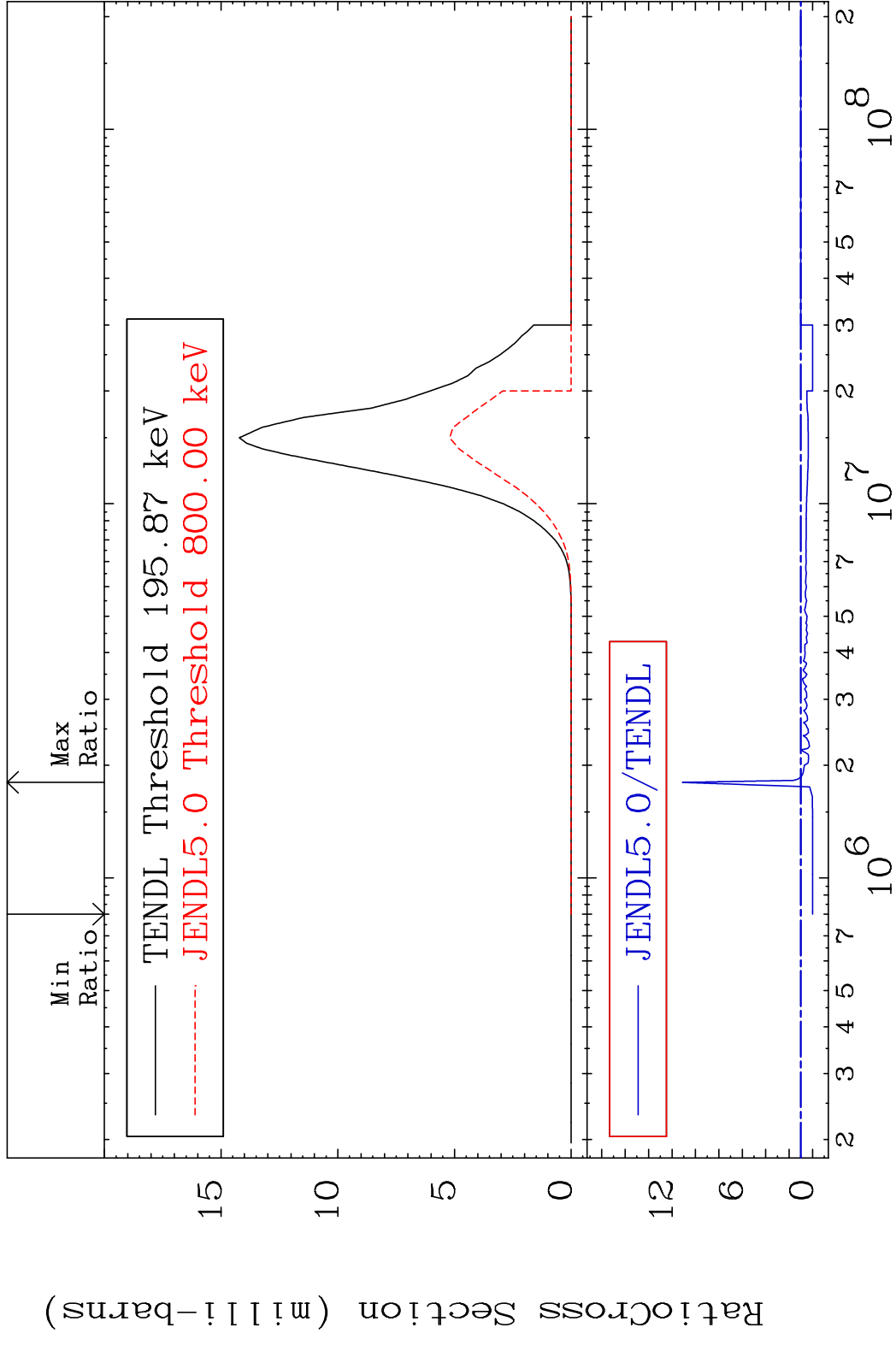
MAT 2931 (n,2n) α :27-Co-60g 29-Cu-65
 Radionuclide Production Cross Section Ratio 0.000 %

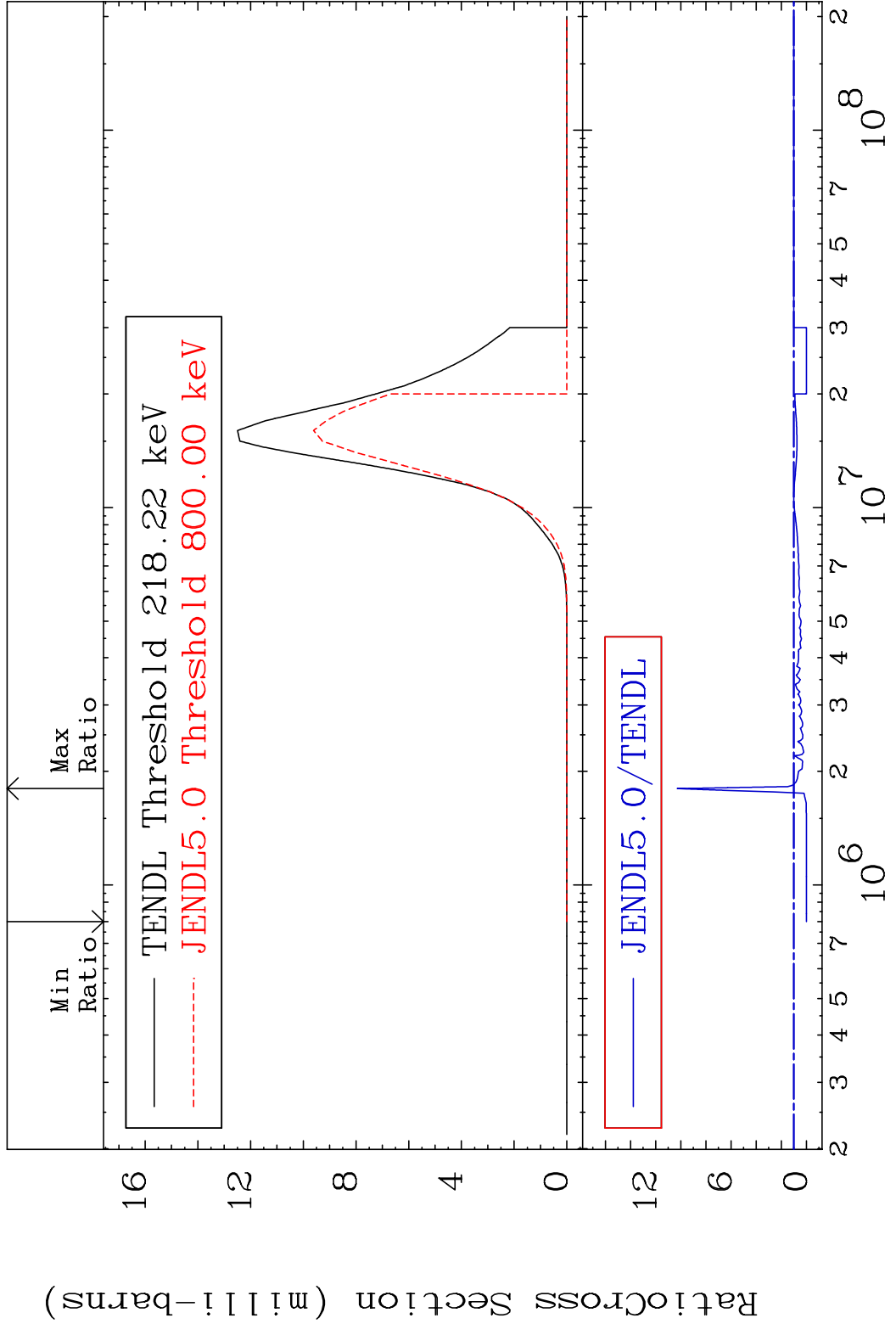


MAT 2931 (n,2n) α :27-Co-60m1 29-Cu-65
 Radionuclide Production Cross Section Ratio 0.000 %

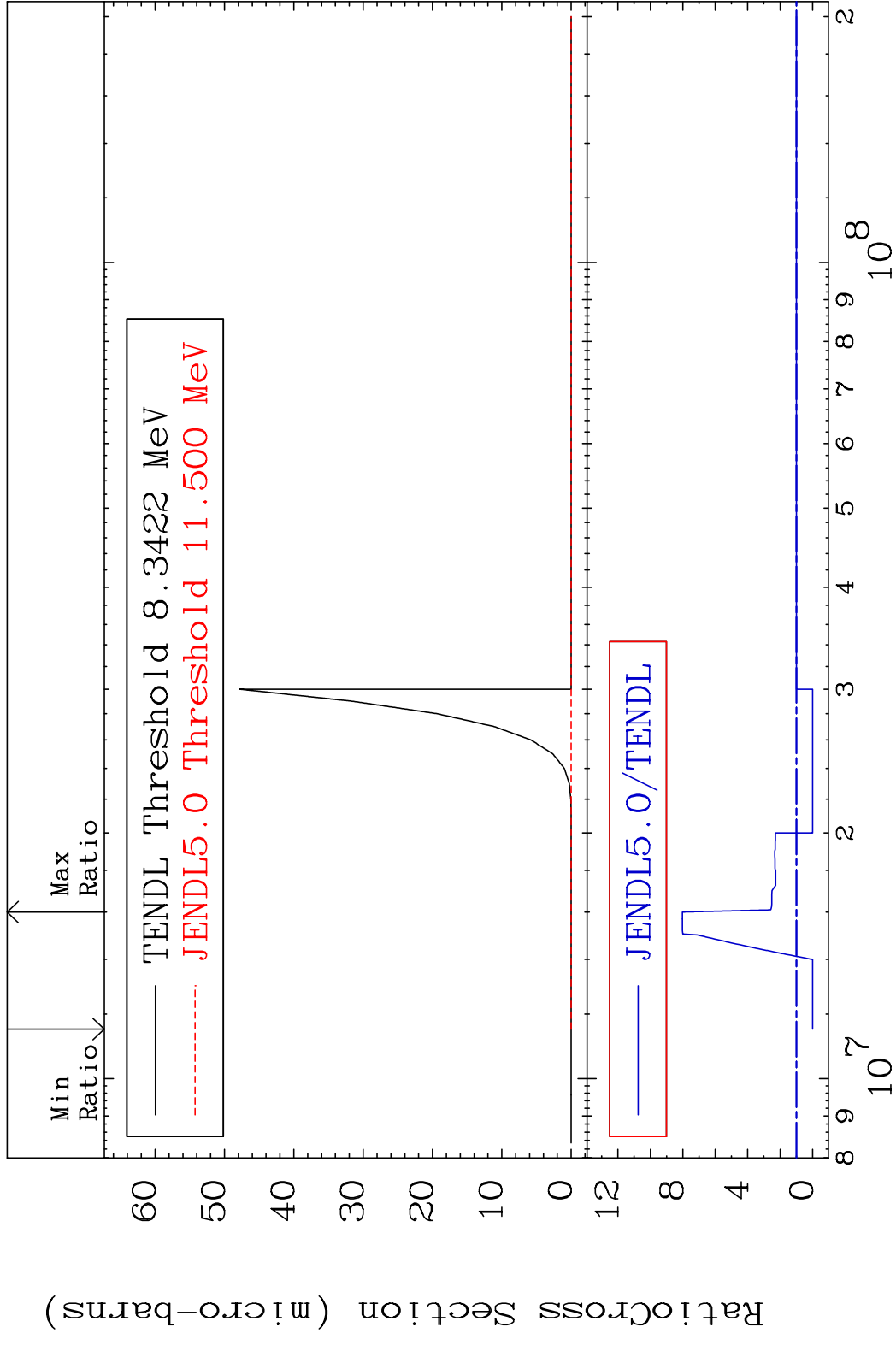


MAT 2931 (n, α): 27-Co-62g 29-Cu-65
 Radionuclide Production Cross Section Ratio 100.00 to 1012. %



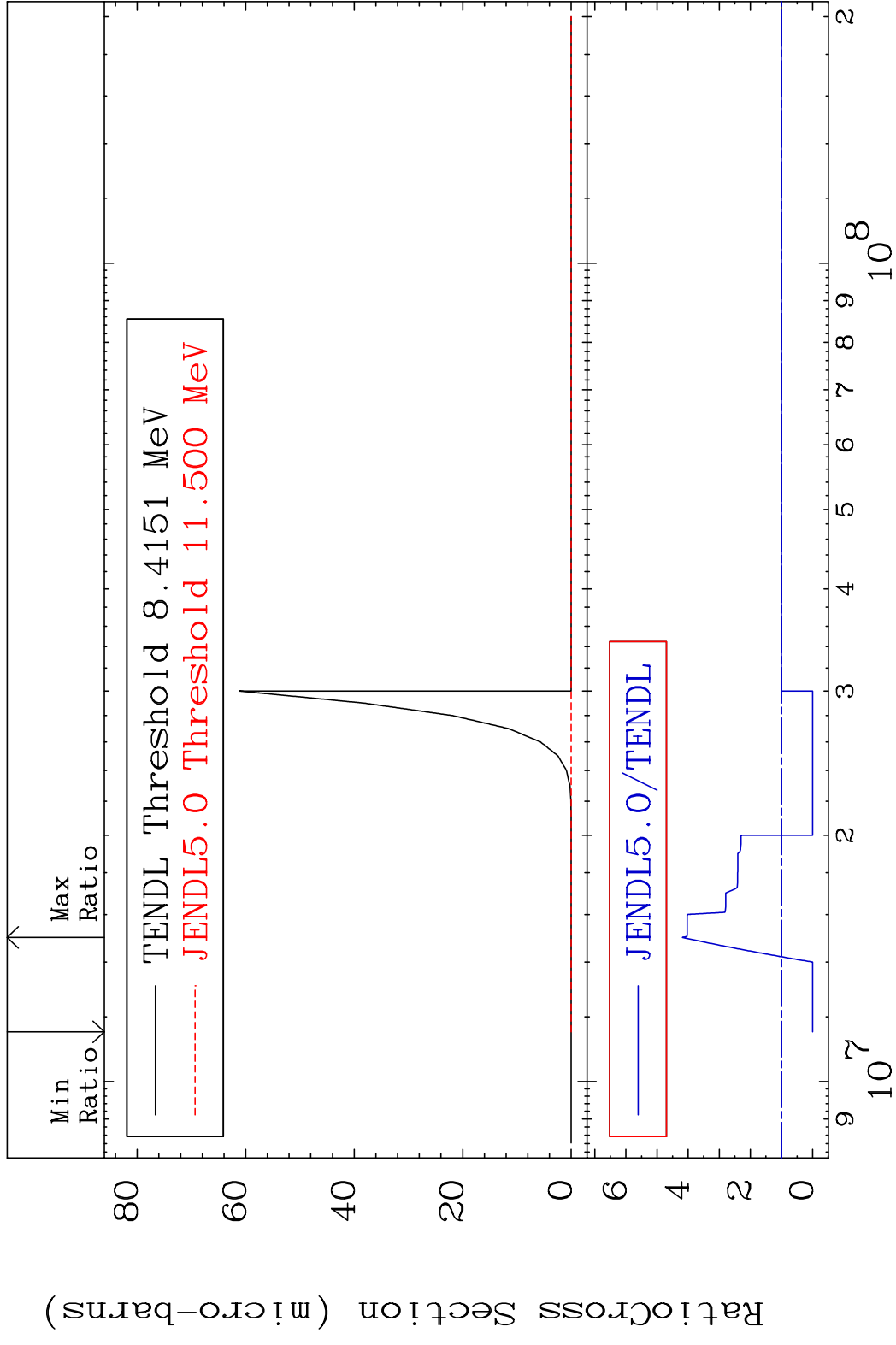


MAT 2931 (n,2α):25-Mn-58g 29-Cu-65
 Radionuclide Production Cross Section 180.0 dth 702.7 %



78 Incident Energy (eV) 29-Cu-65

MAT 2931 (n,2α):25-Mn-58m1 29-Cu-65
 Radionuclide Production Cross Section 180.0 dth 318.6 %



79 Incident Energy (eV) 29-Cu-65