

Program Complot
(Version 2021-1)

by

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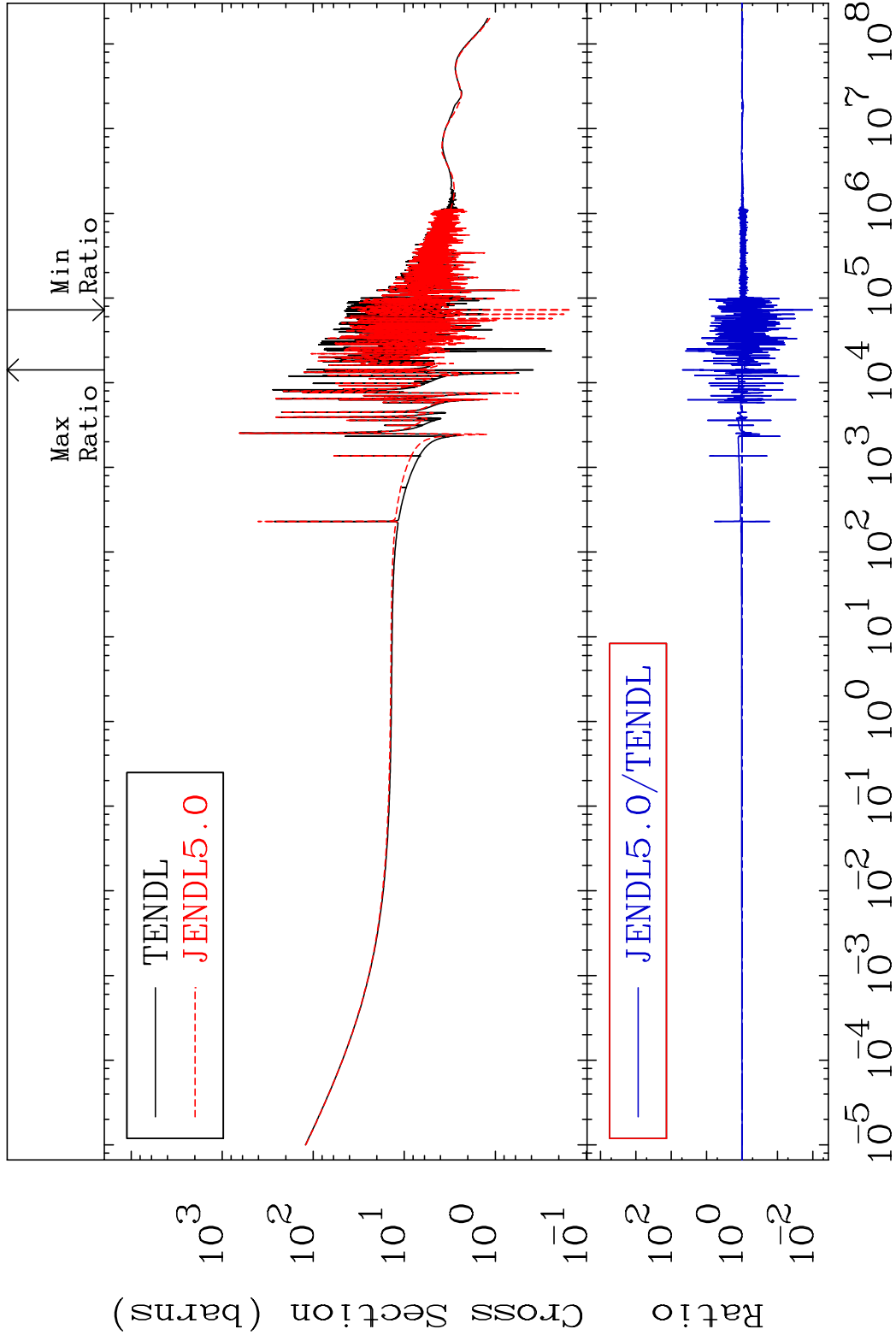
Press Mouse Button to Start

MAT 2931

Total

29-Cu-65

Cross Section -98.99 To 4753. %



1

Incident Energy (eV)

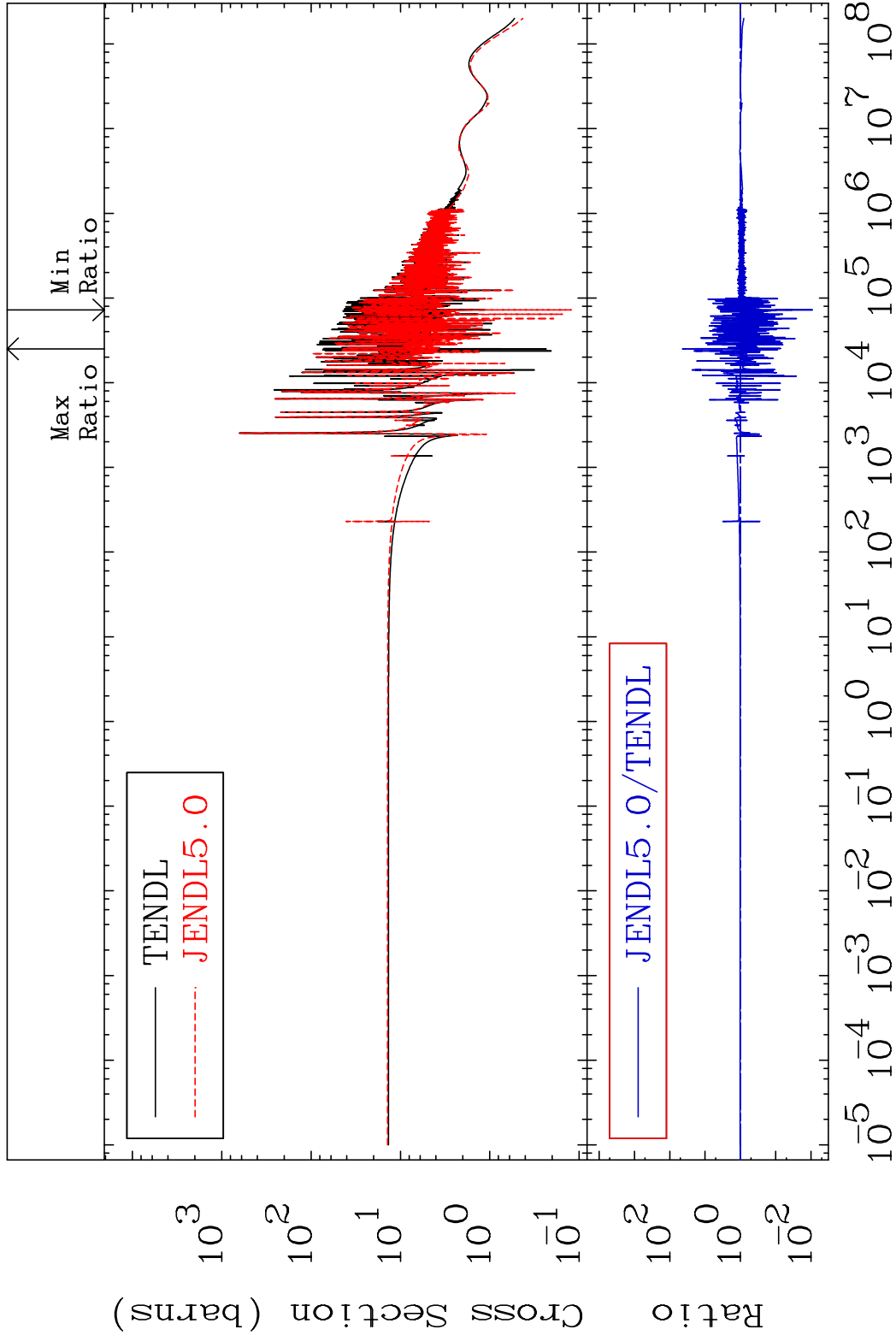
29-Cu-65

MAT 2931

Elastic

29-Cu-65

Cross Section -99.09 To 4294. %

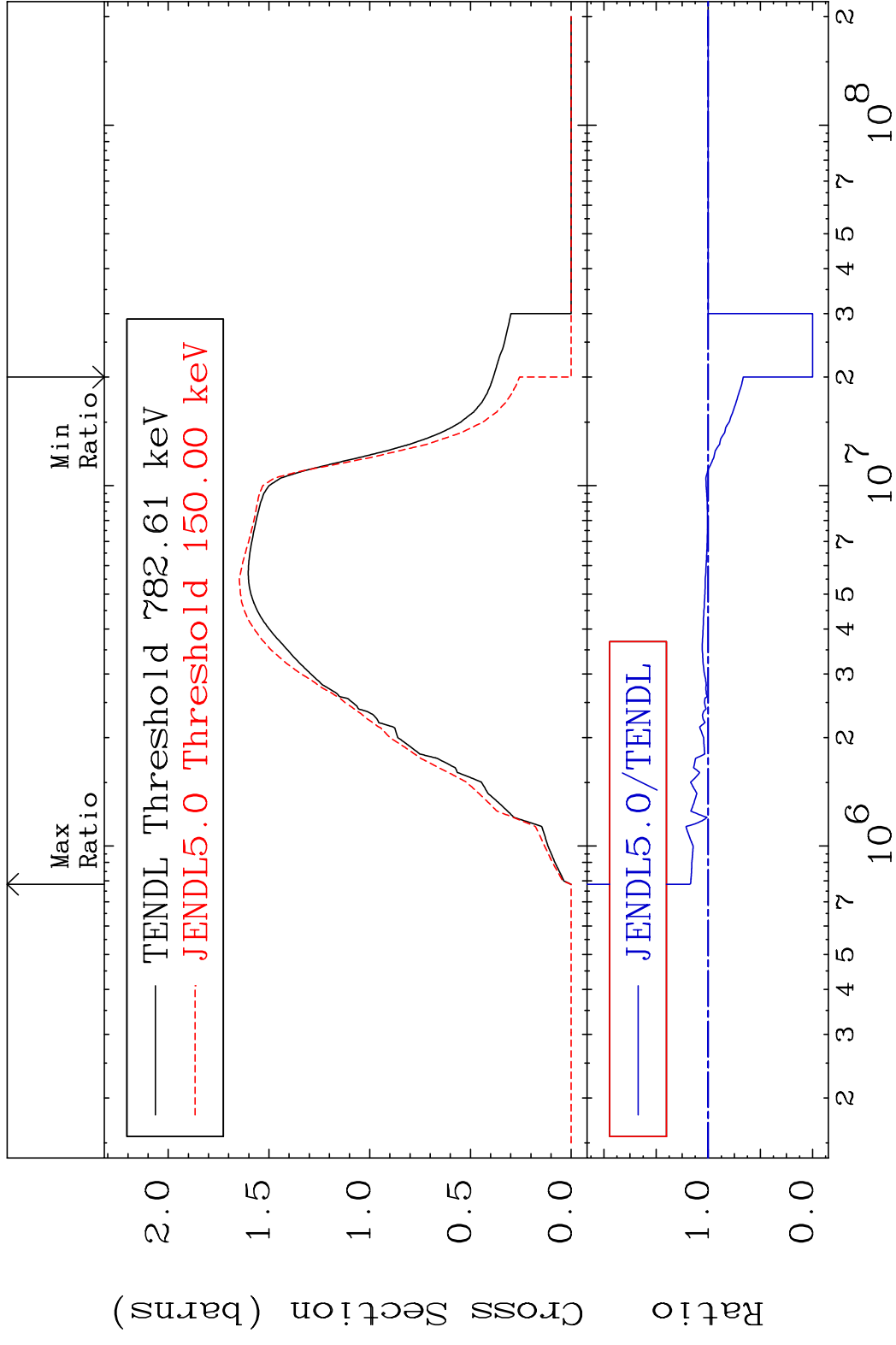


2

Incident Energy (eV)

29-Cu-65

MAT 2931 Inelastic Cross Section -100.0 To 24.83 % 29-Cu-65

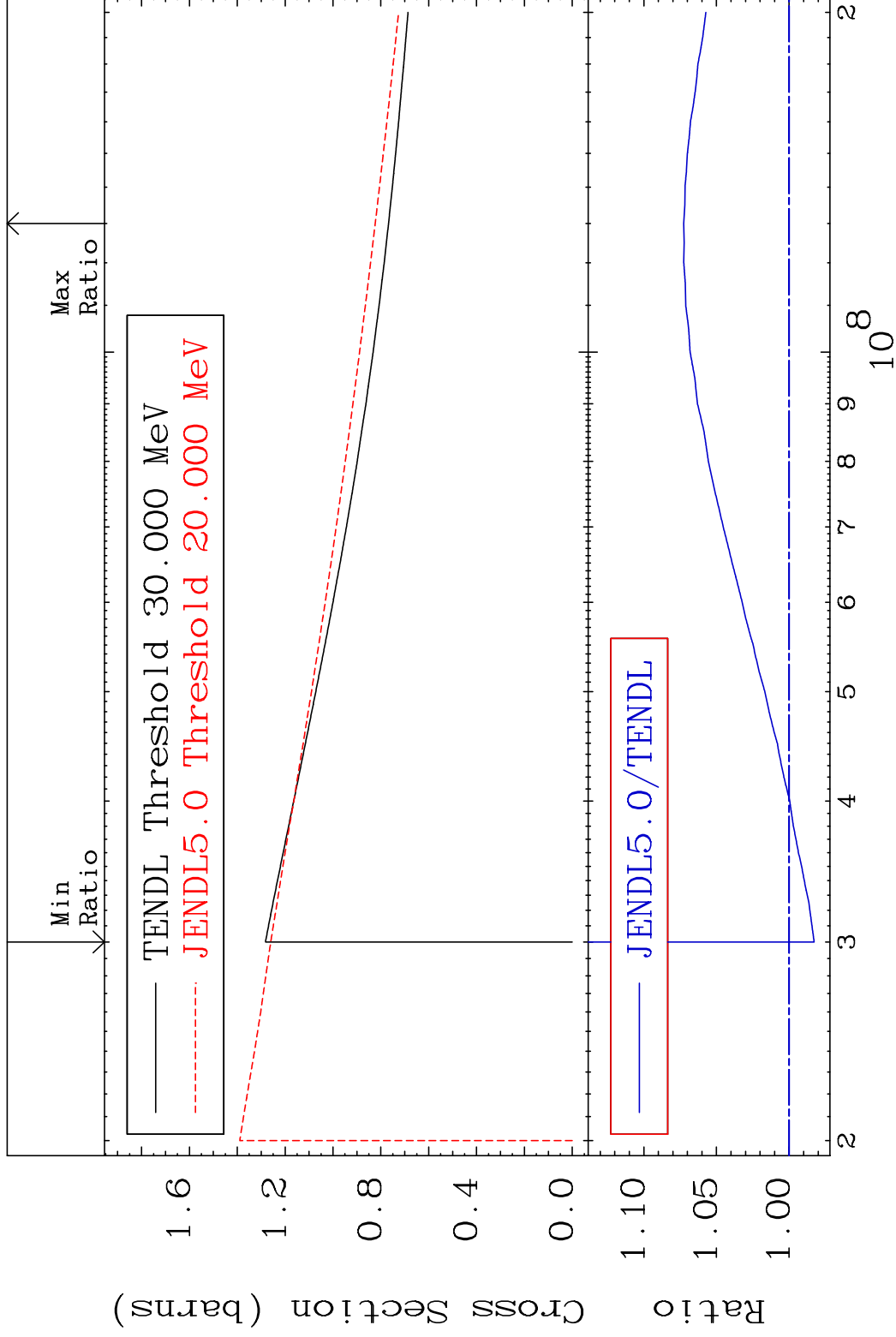


MAT 2931

(n, remainder)

29-Cu-65

Cross Section -1.720 To 7.259 %



4

Incident Energy (eV)

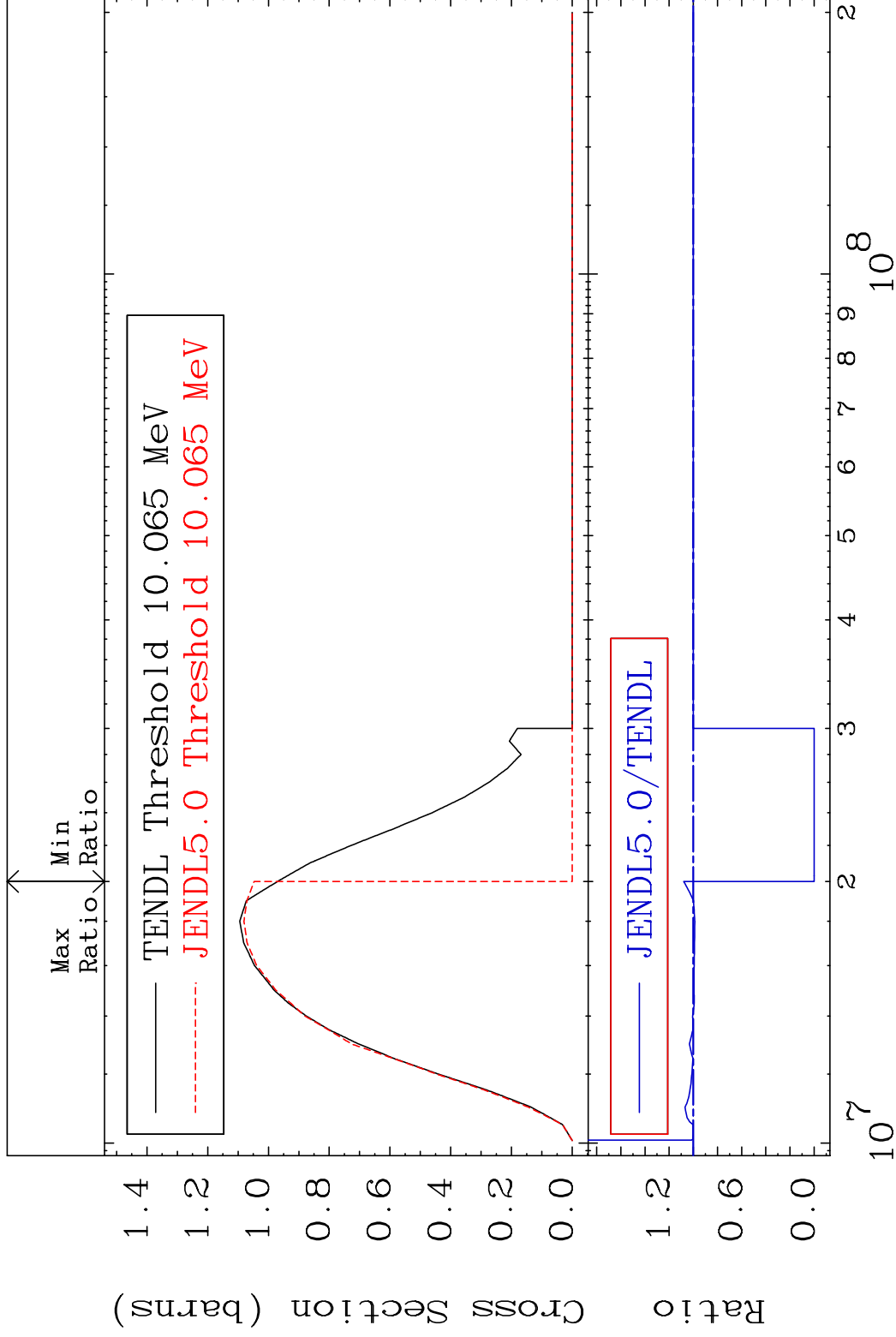
29-Cu-65

MAT 2931

(n,2n)

29-Cu-65

Cross Section -100.0 To 7.977 %

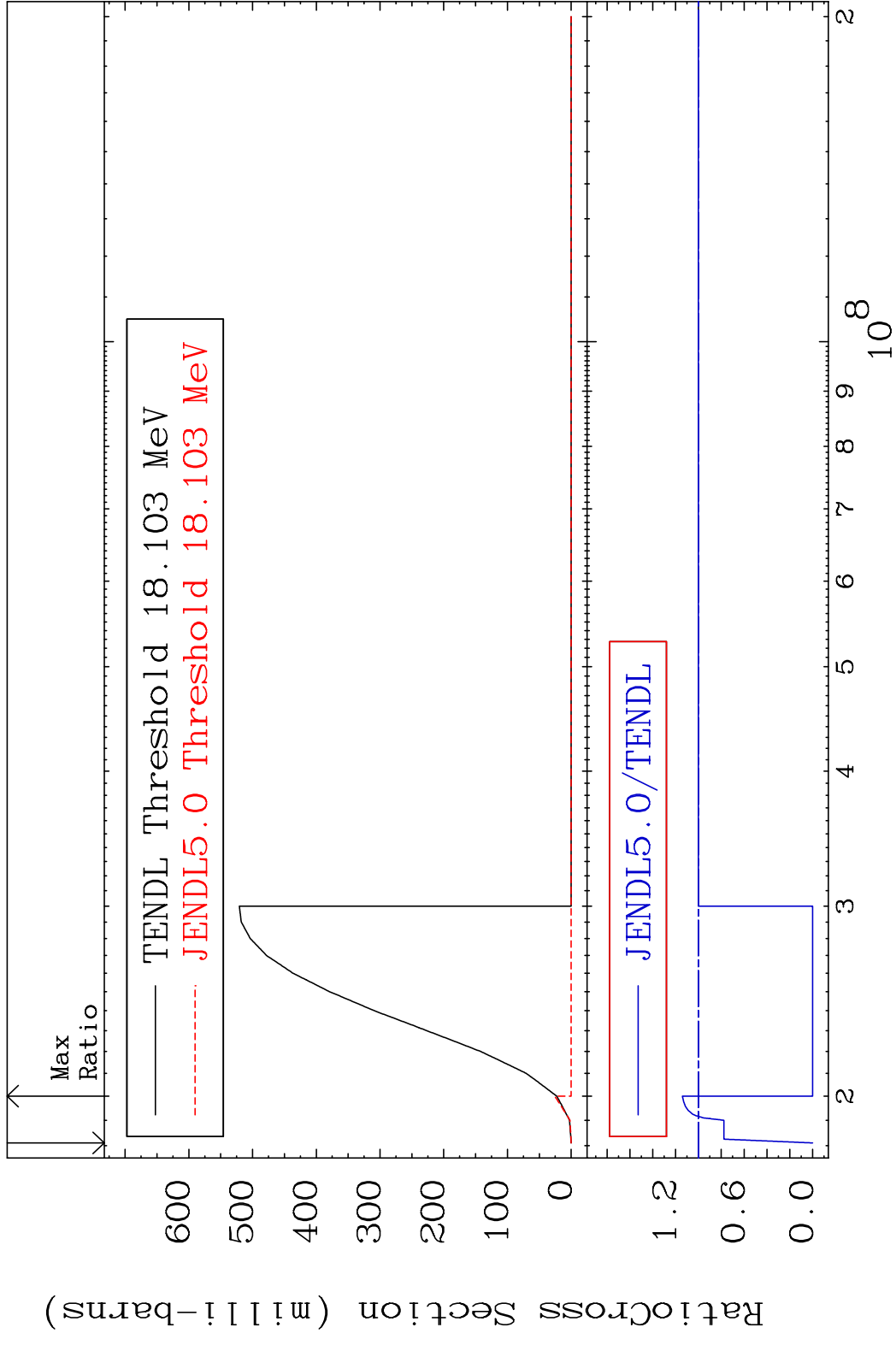


5

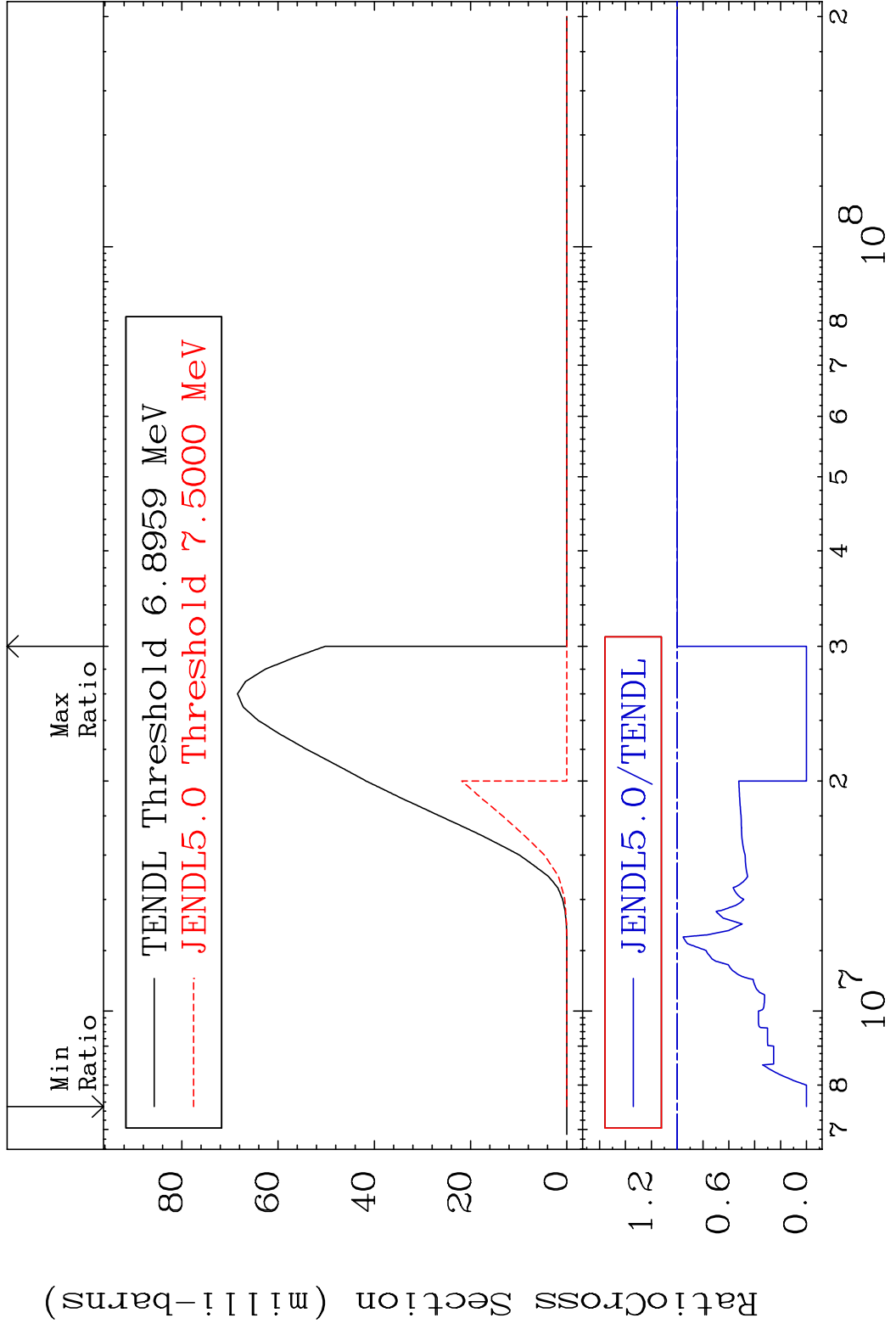
Incident Energy (eV)

29-Cu-65

MAT 2931 (n,3n) 29-Cu-65
 Cross Section -100.0 To 14.09 %

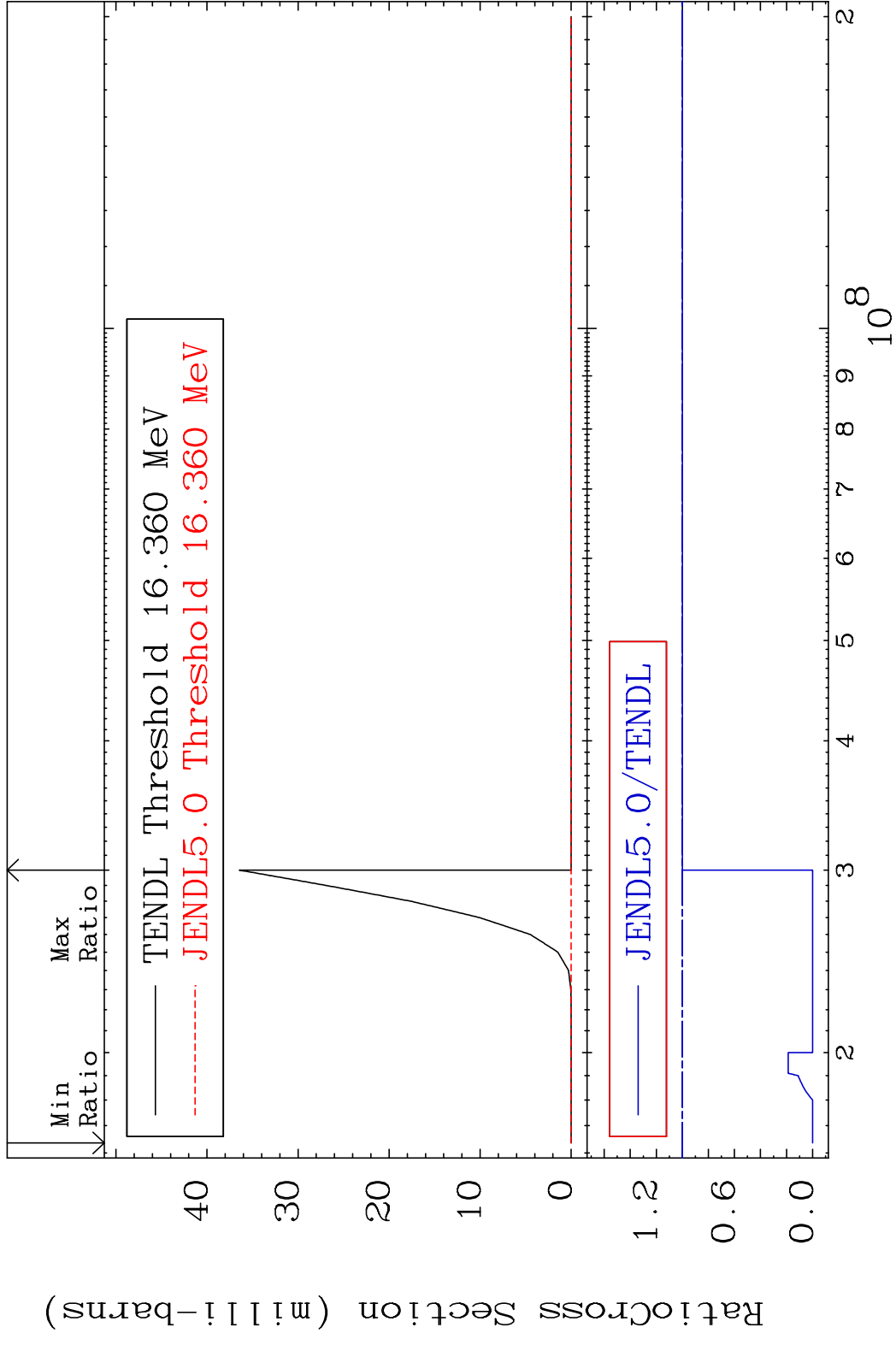


MAT 2931 (n, n') α 29-Cu-65
 Cross Section -100.0 To 0.000 %

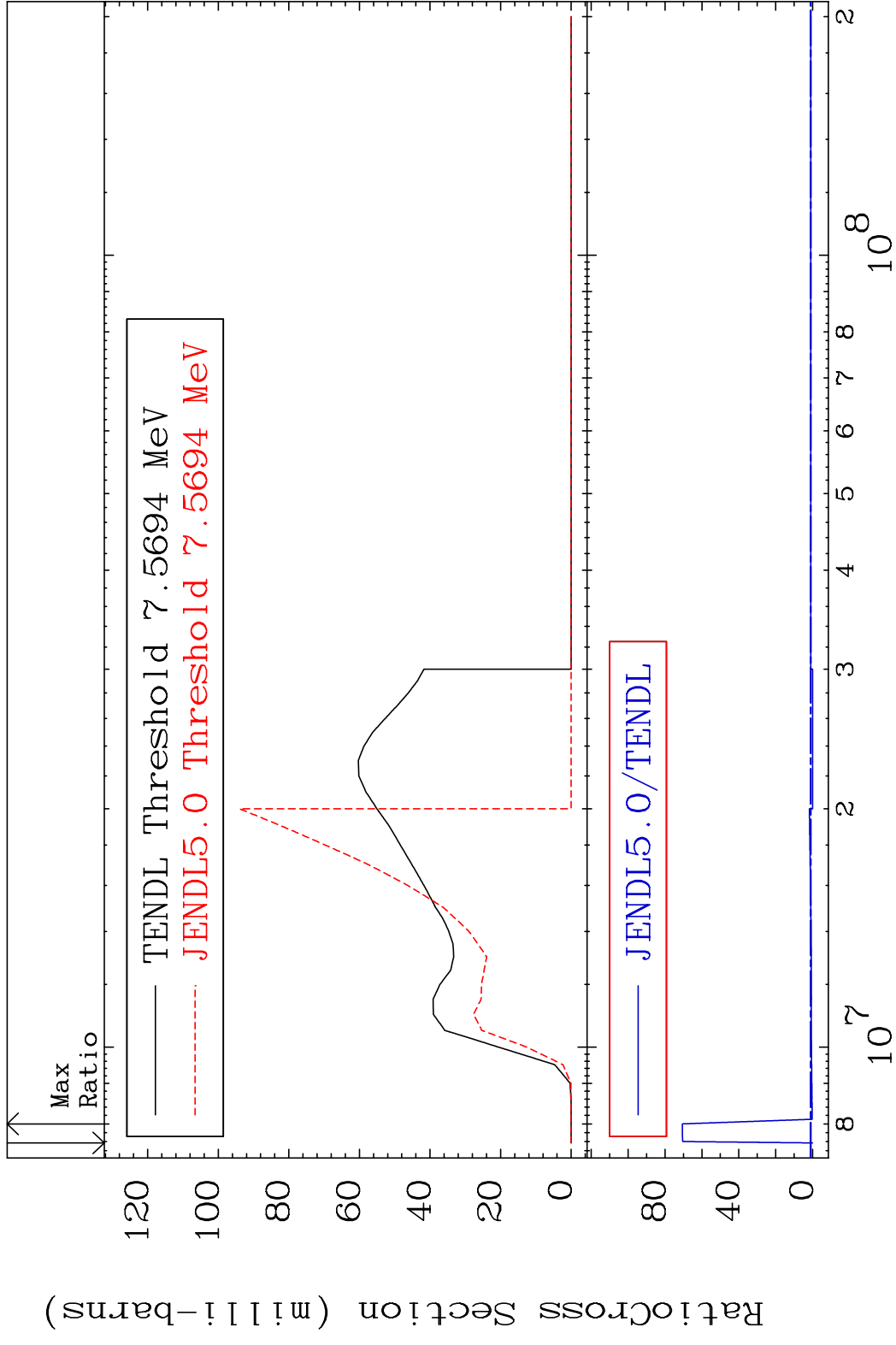


7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 2 29-Cu-65

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

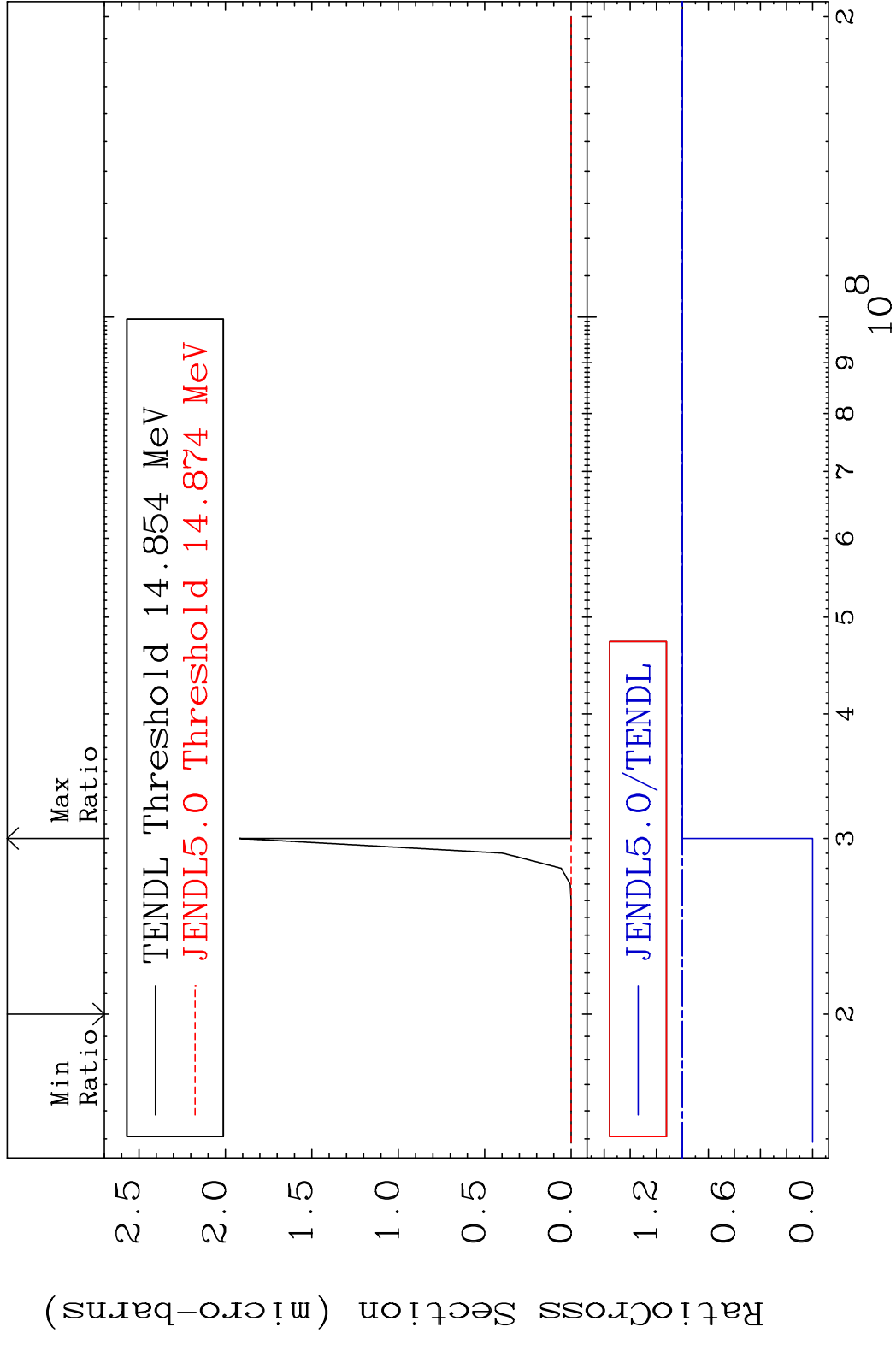


MAT 2931 (n, n') p 29-Cu-65
 Cross Section -100.0 To 6960. %



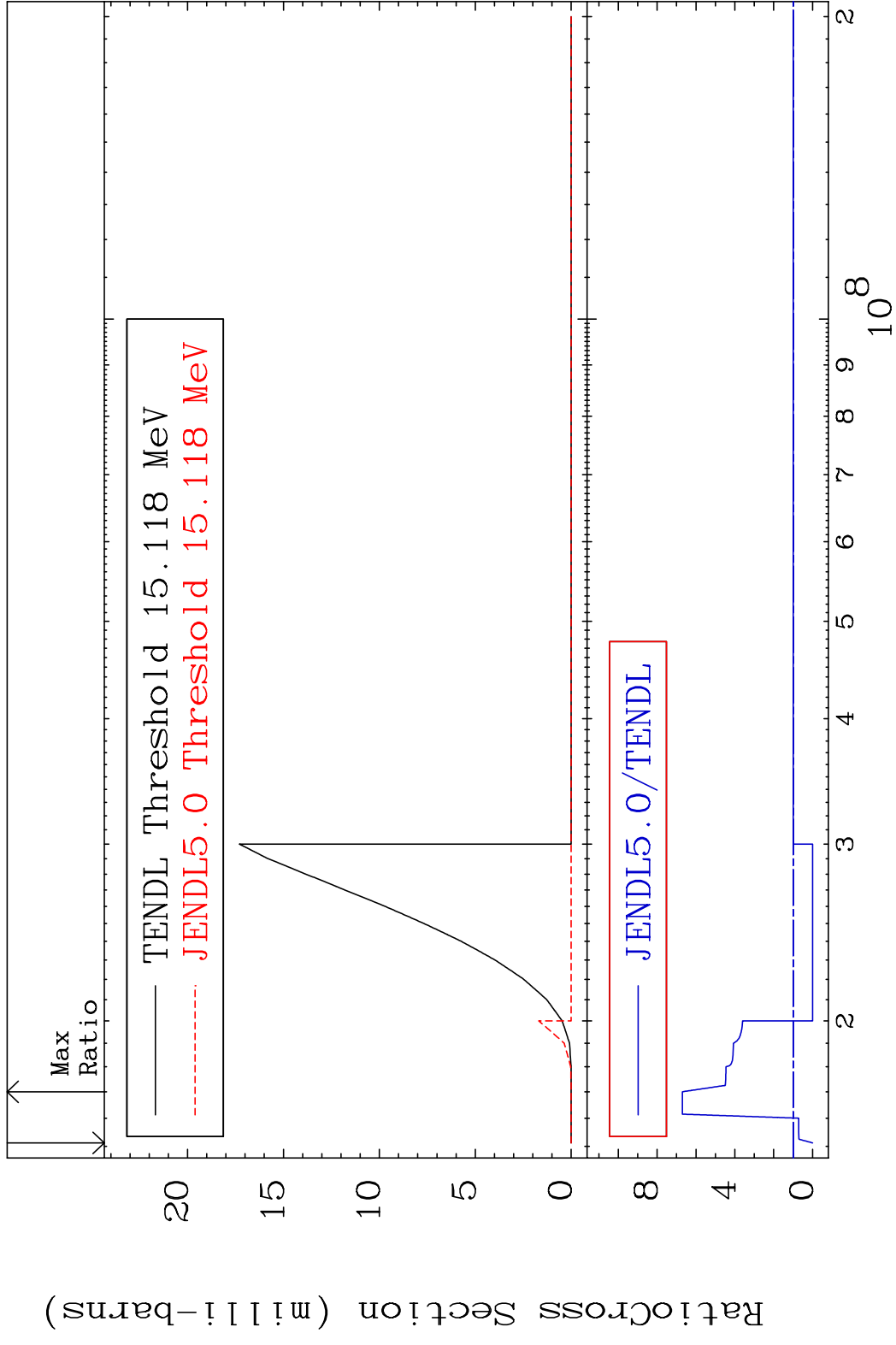
9 9 Incident Energy (eV) 29-Cu-65

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

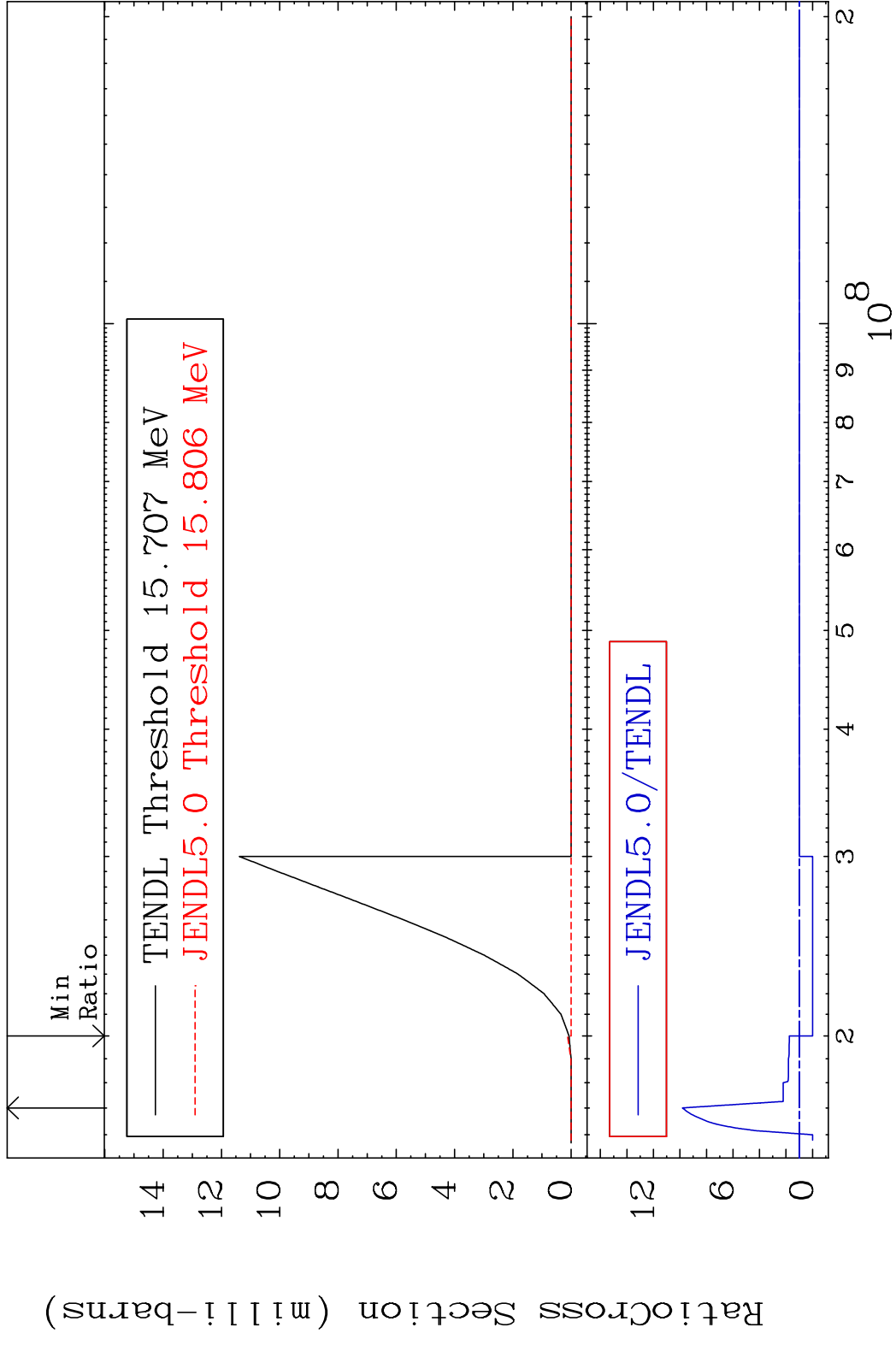


10 100 1000 10000 100000 1000000 10000000 100000000 1000000000 10000000000 100000000000 1000000000000 10000000000000 100000000000000 1000000000000000 10000000000000000 100000000000000000 1000000000000000000 10000000000000000000 29-Cu-65

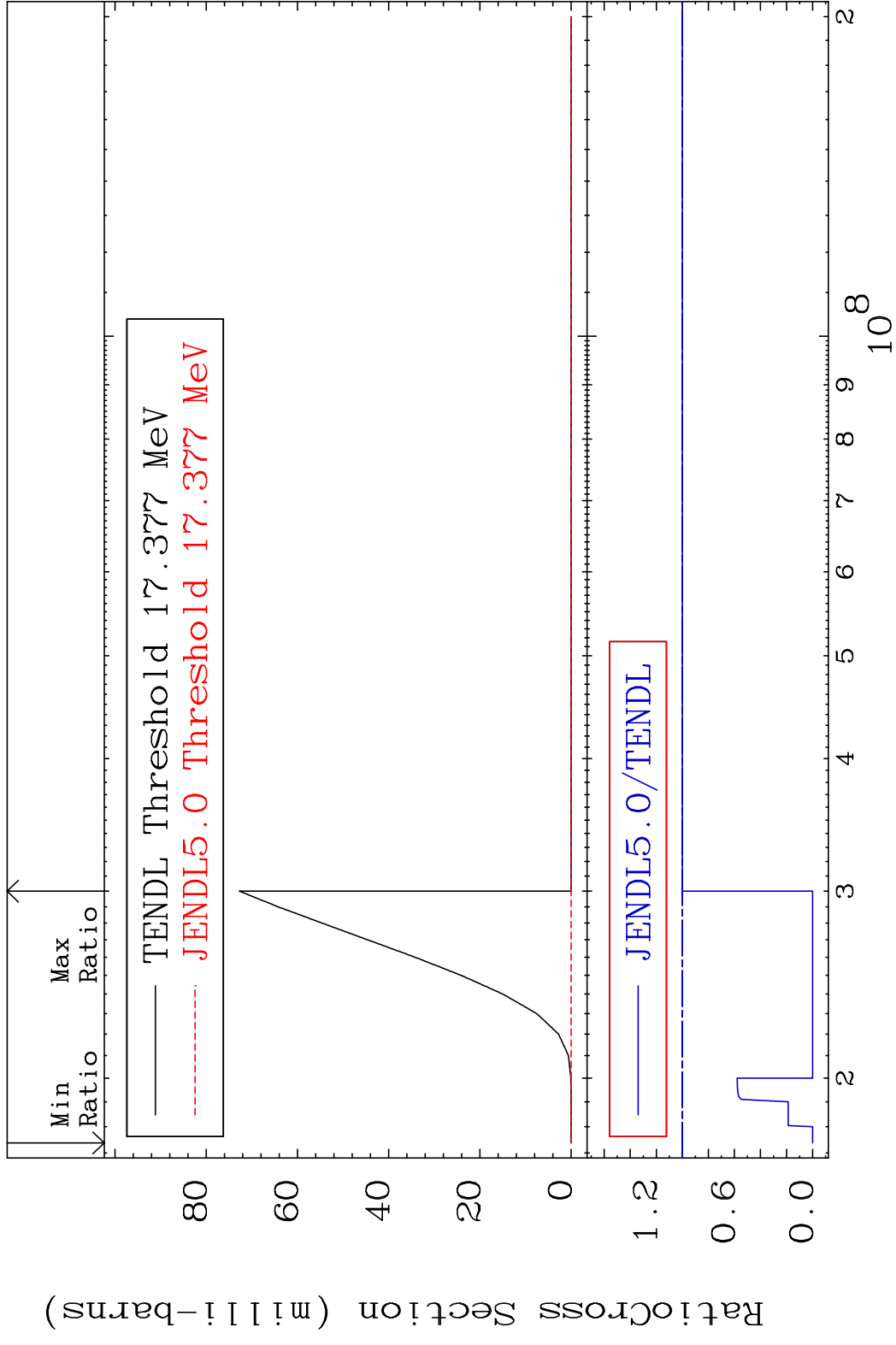
MAT 2931 (n, n') d 29-Cu-65
 Cross Section -100.0 To 570.1 %



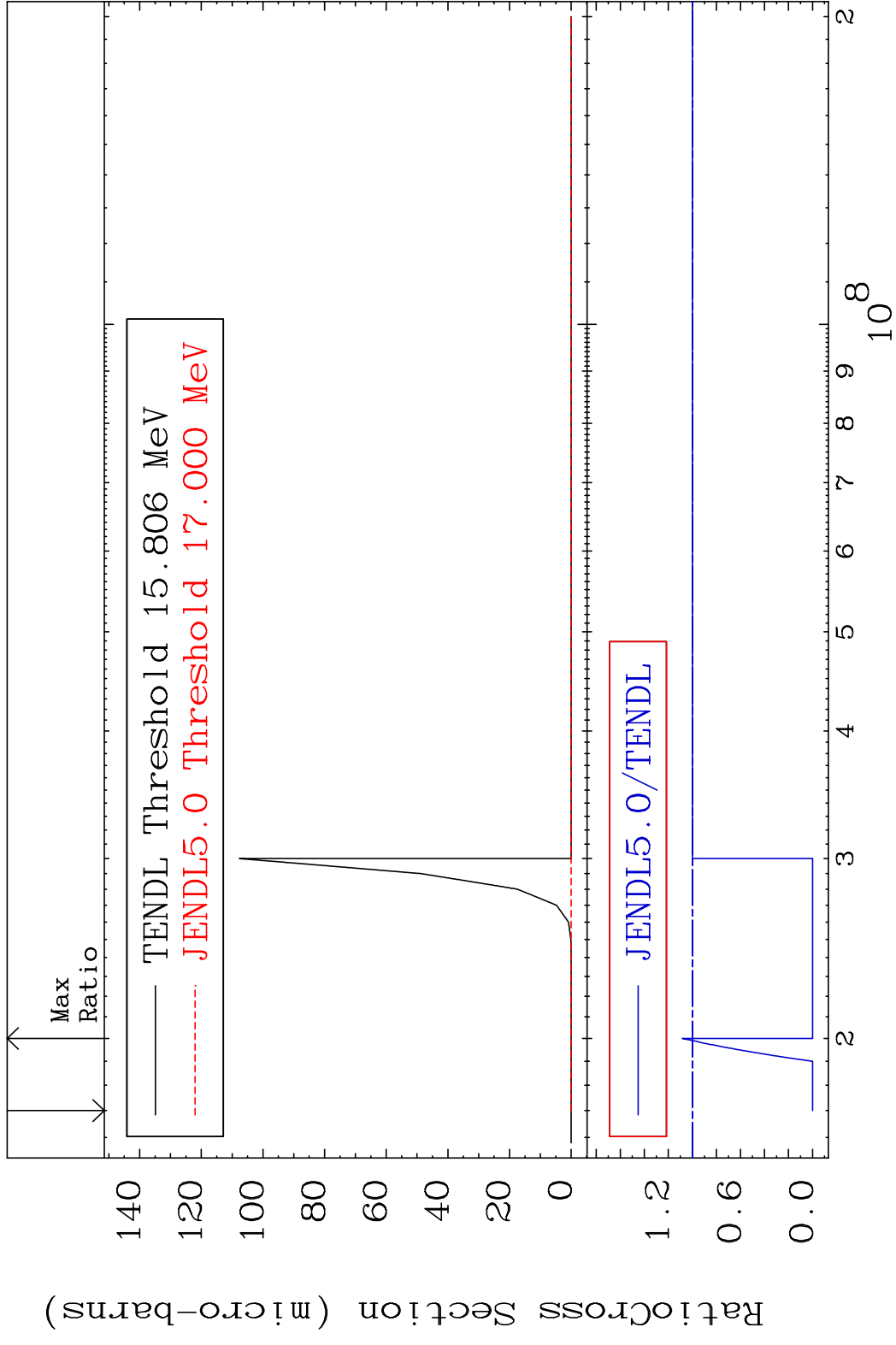
MAT 2931 (n, n') t 29-Cu-65
 Cross Section -100.0 To 881.9 %



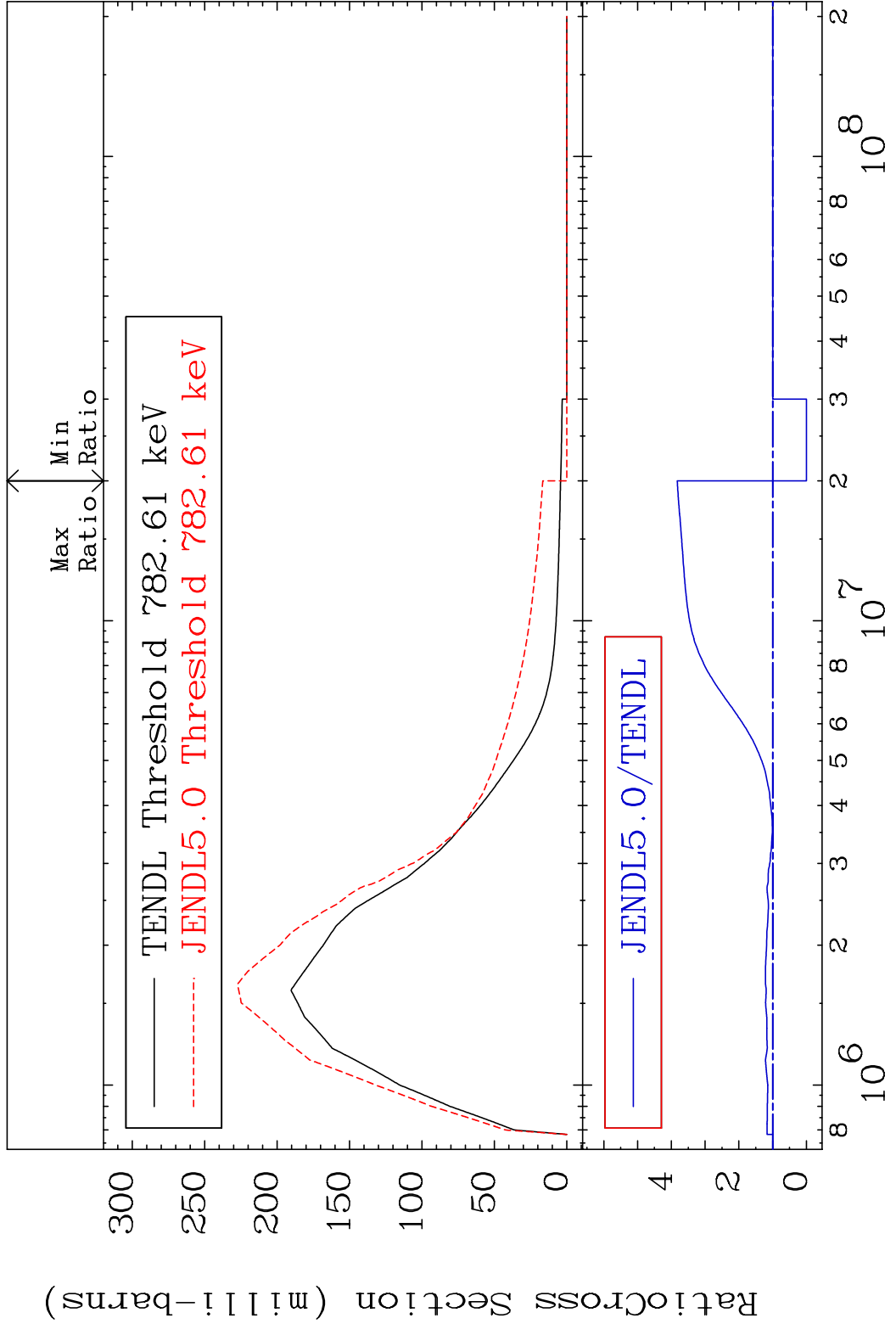
MAT 2931 (n,2n) p 29-Cu-65
 Cross Section -100.0 To 0.000 %



MAT 2931 (n,n') p α 29-Cu-65
 Cross Section -100.0 To 8.354 %

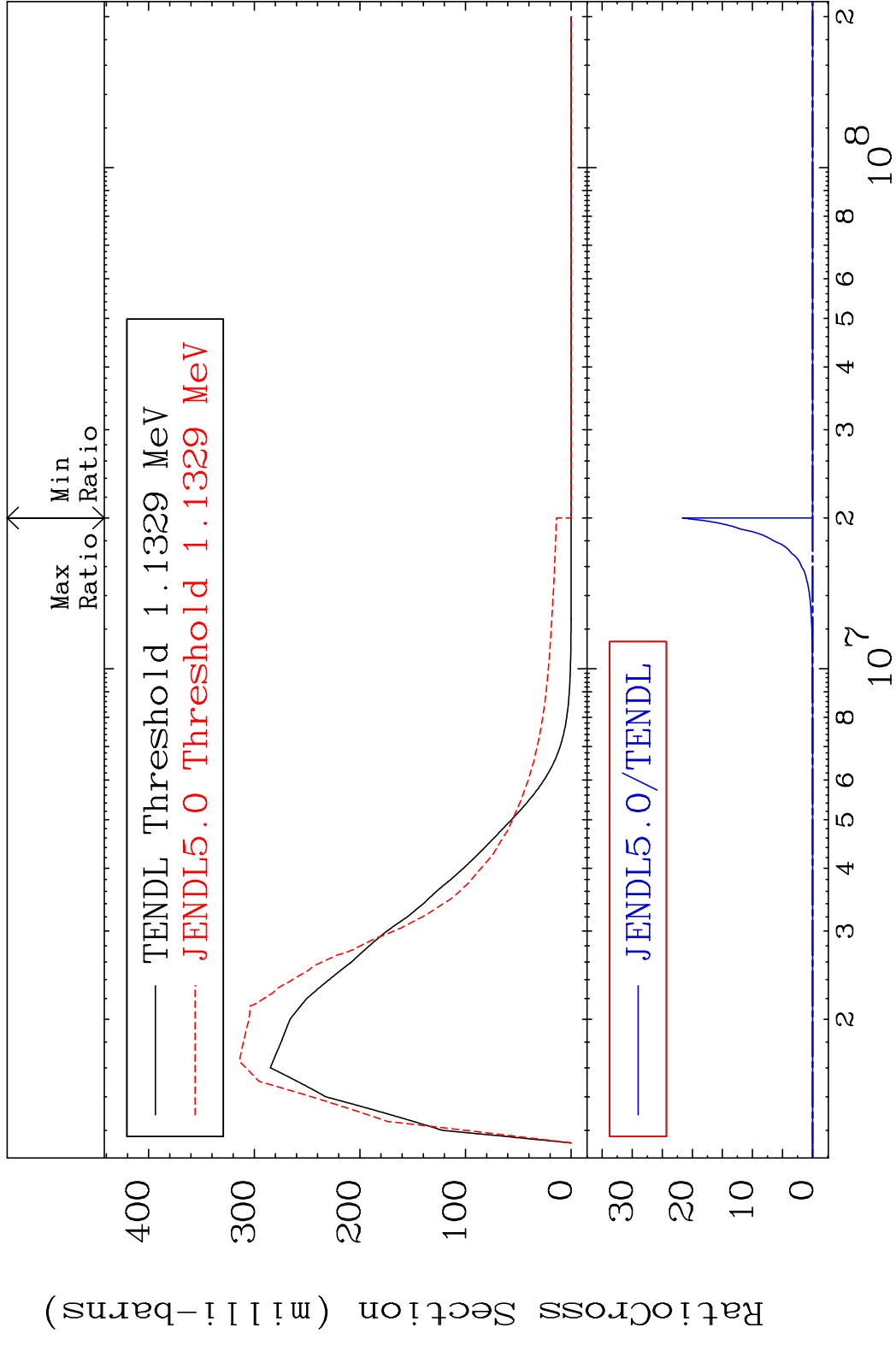


MAT 2931 MT= 51 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 282.7 %



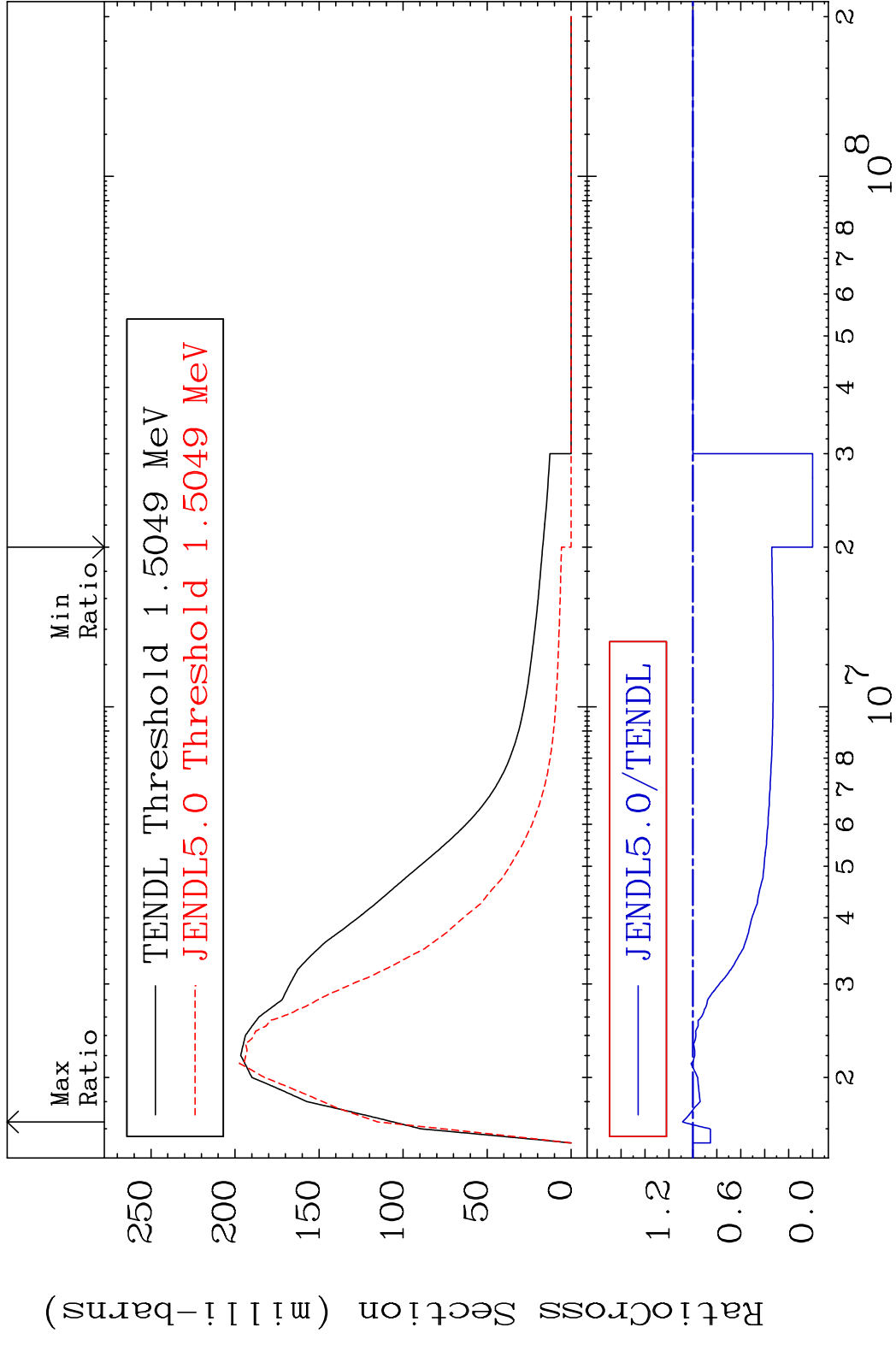
15 29-Cu-65

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

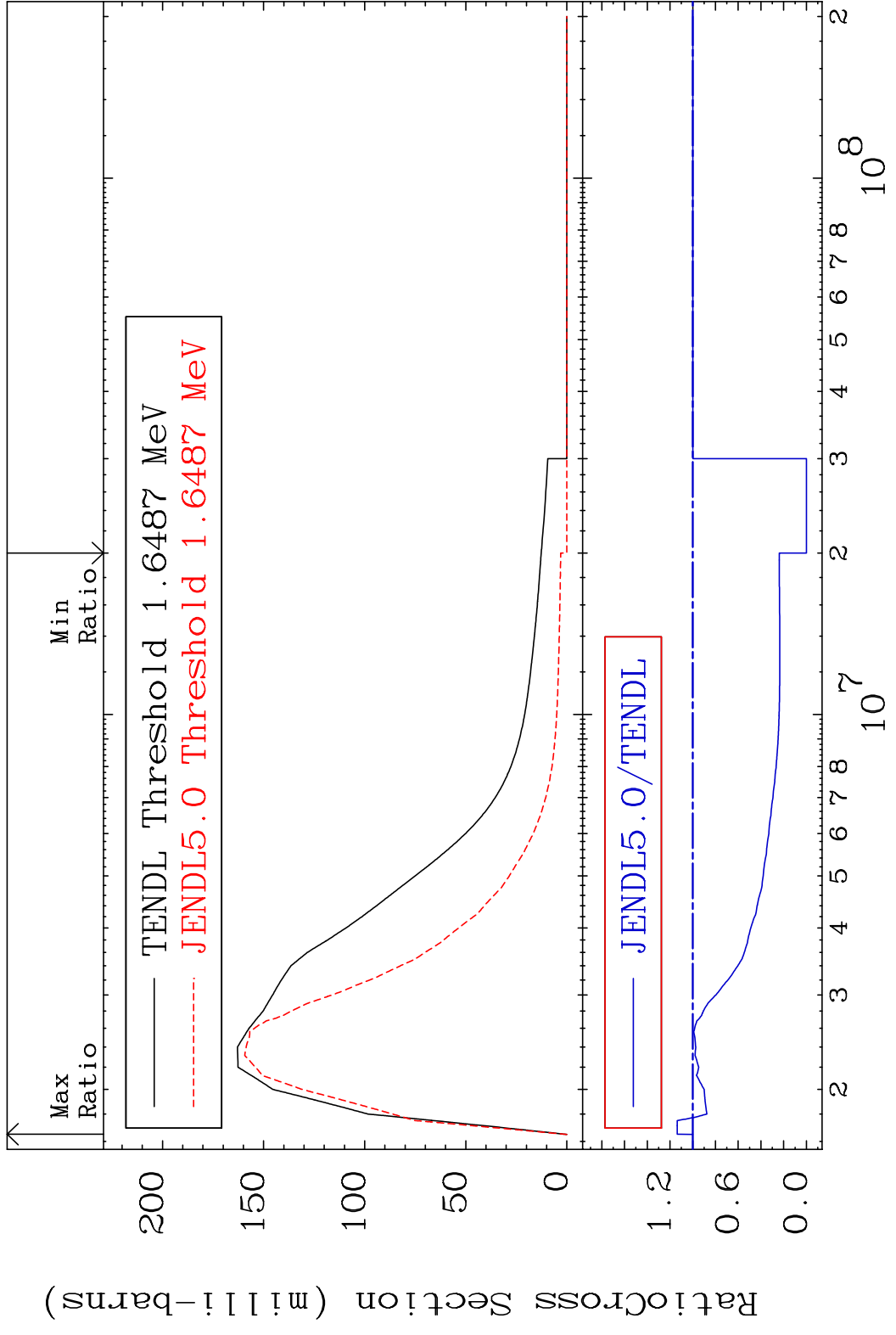


16 Incident Energy (eV) 29-Cu-65

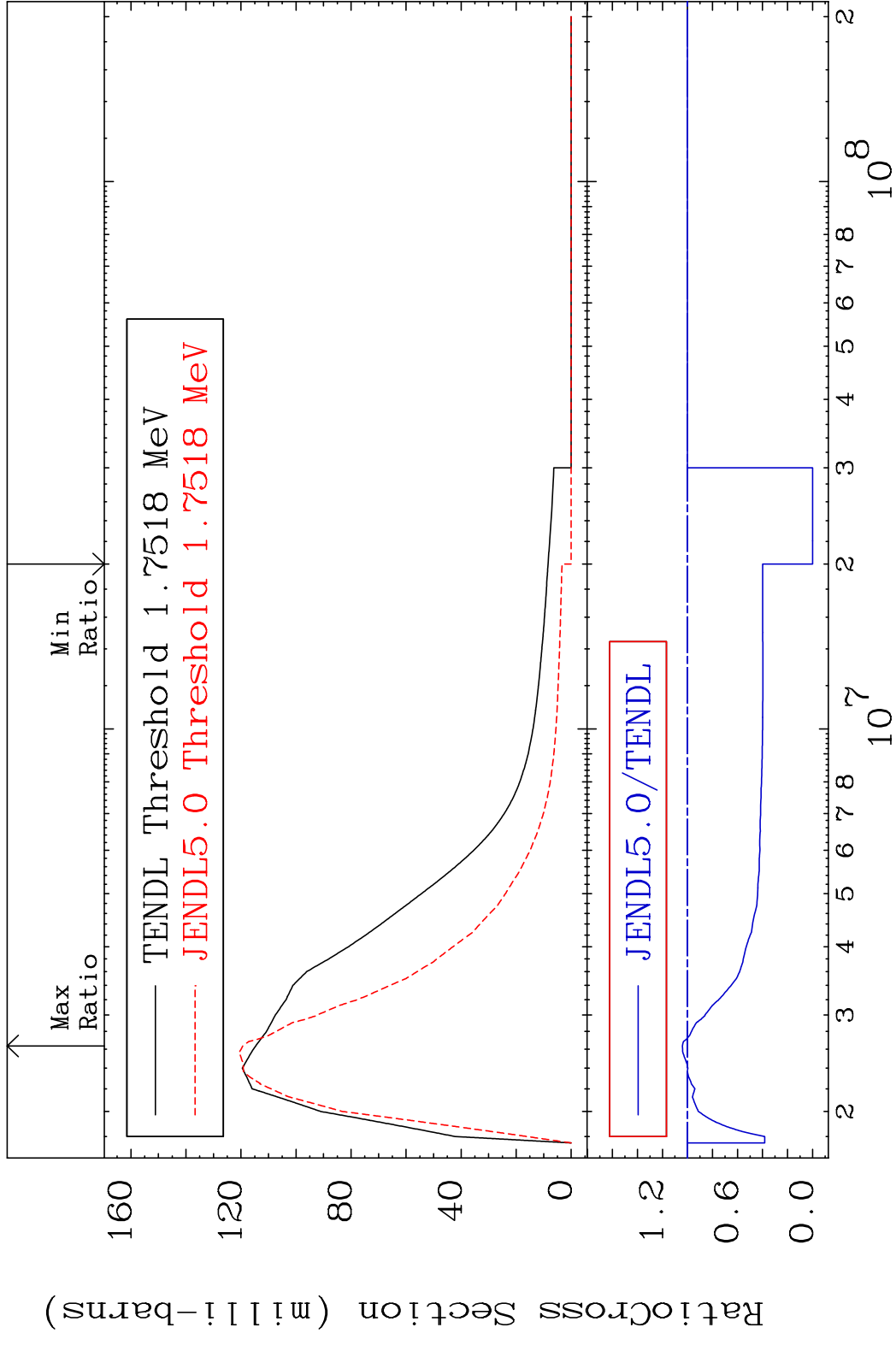
MAT 2931 MT= 53 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 8.808 %



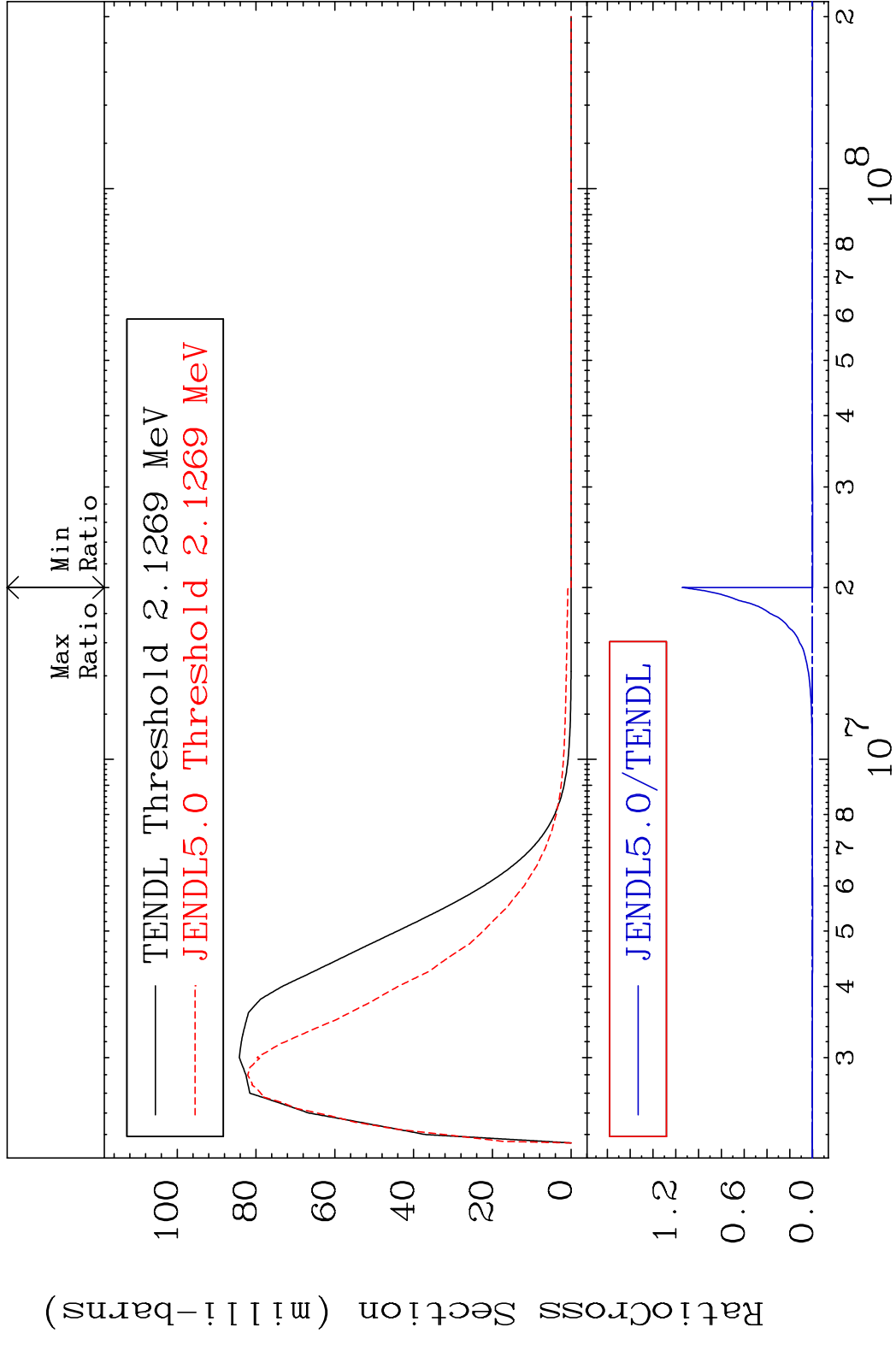
MAT 2931 MT= 54 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 13.68 %



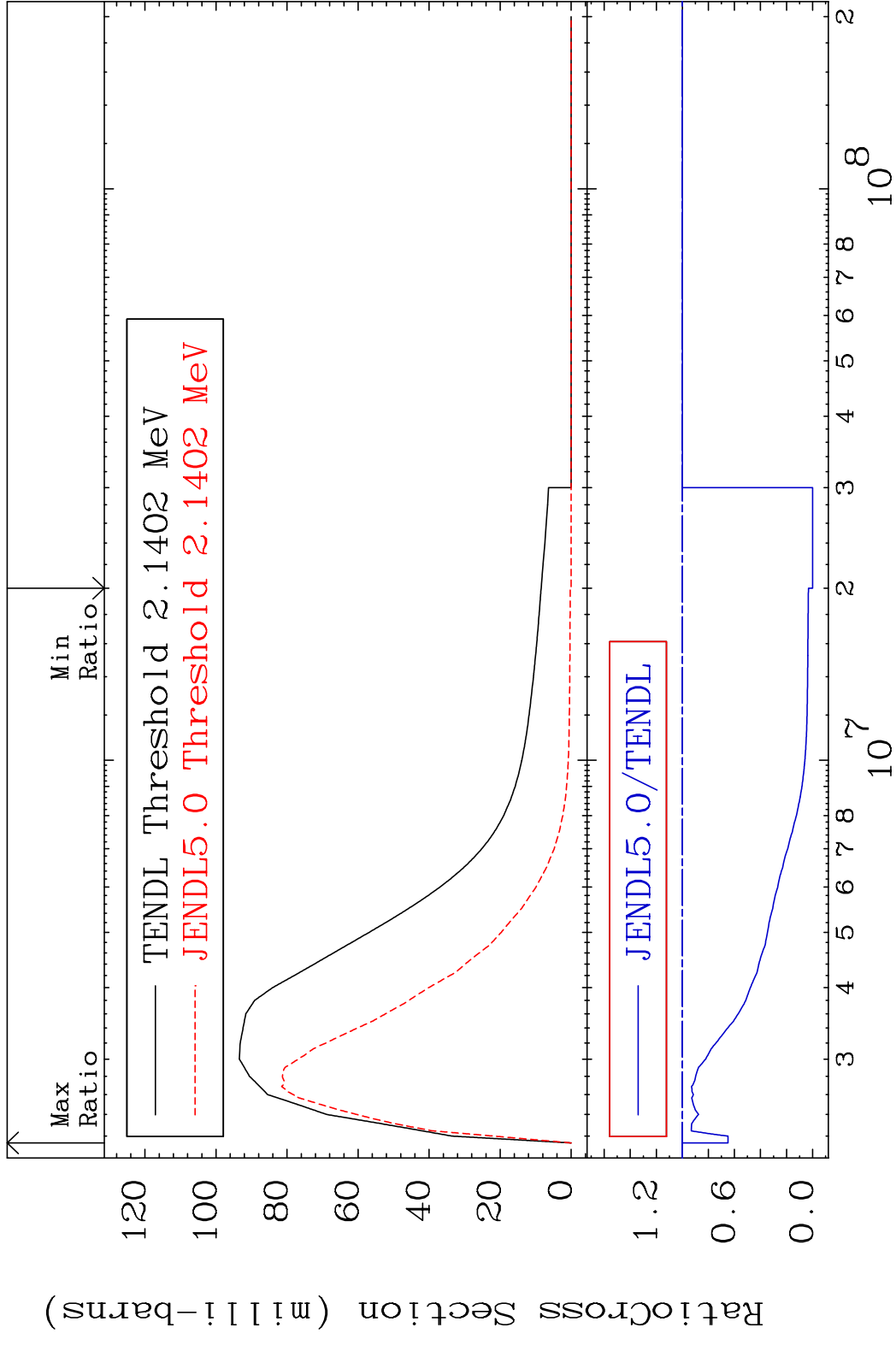
MAT 2931 MT= 55 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 4.098 %



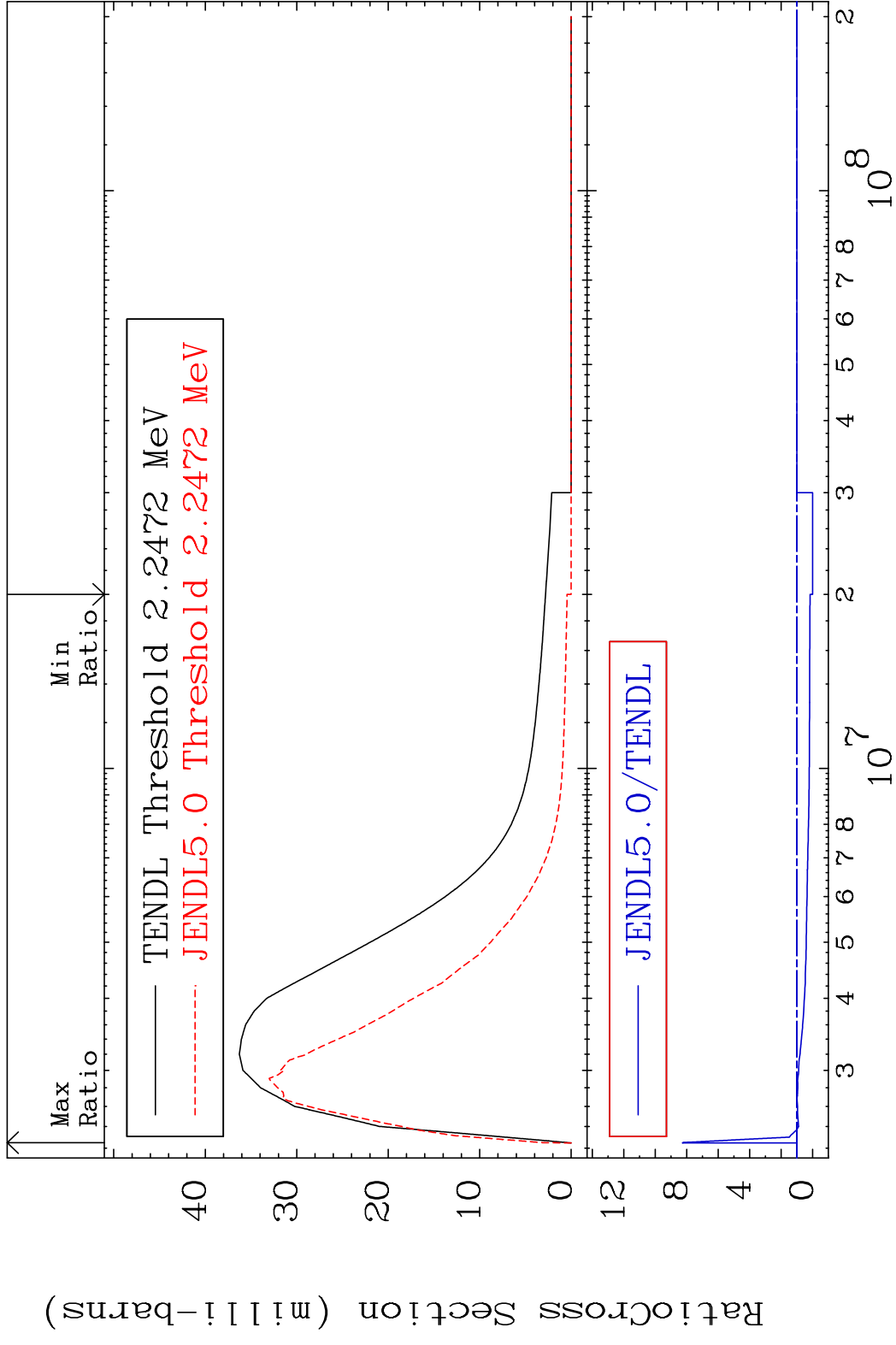
MAT 2931 MT= 56 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 9999. %



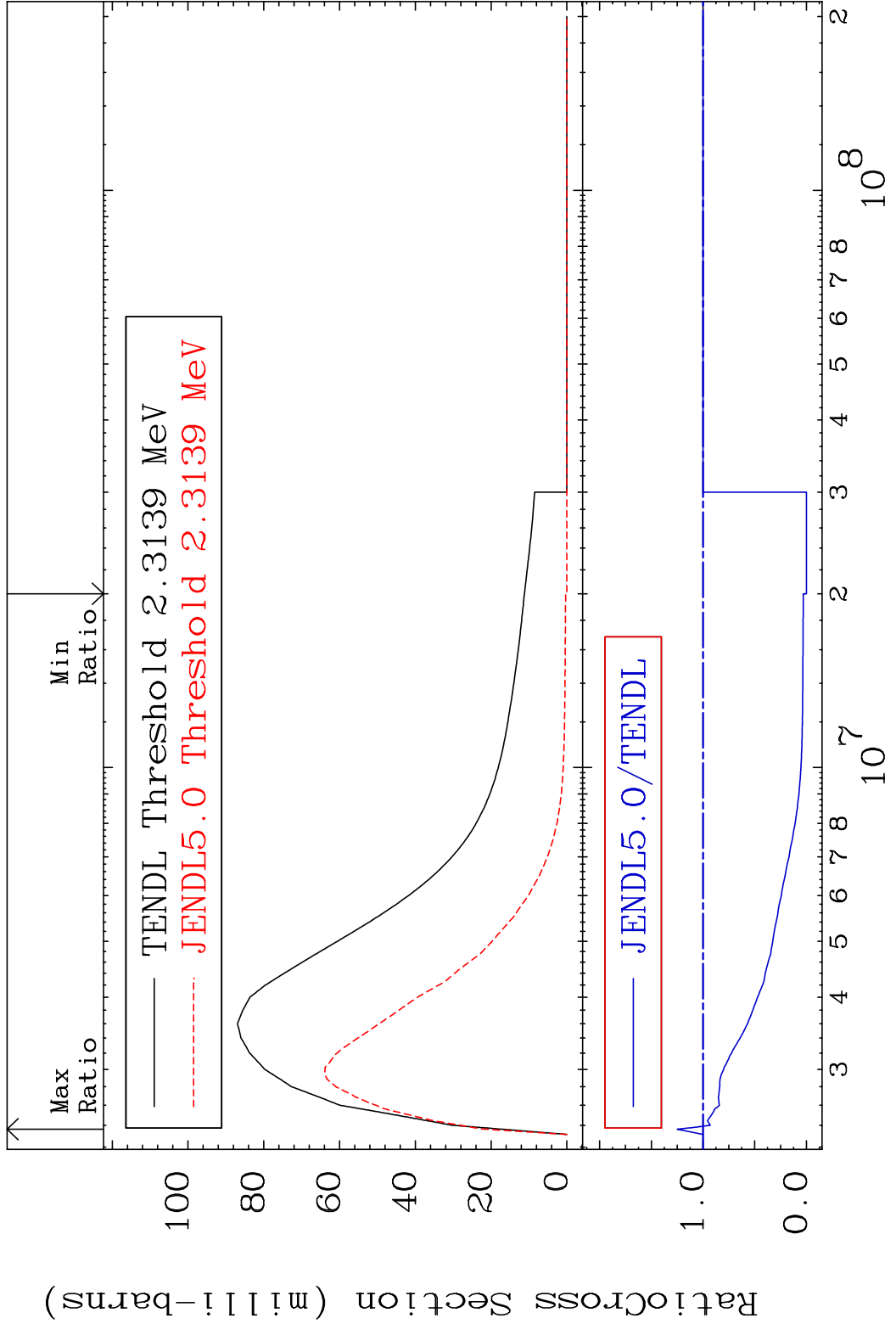
MAT 2931 MT= 57 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 0.000 %



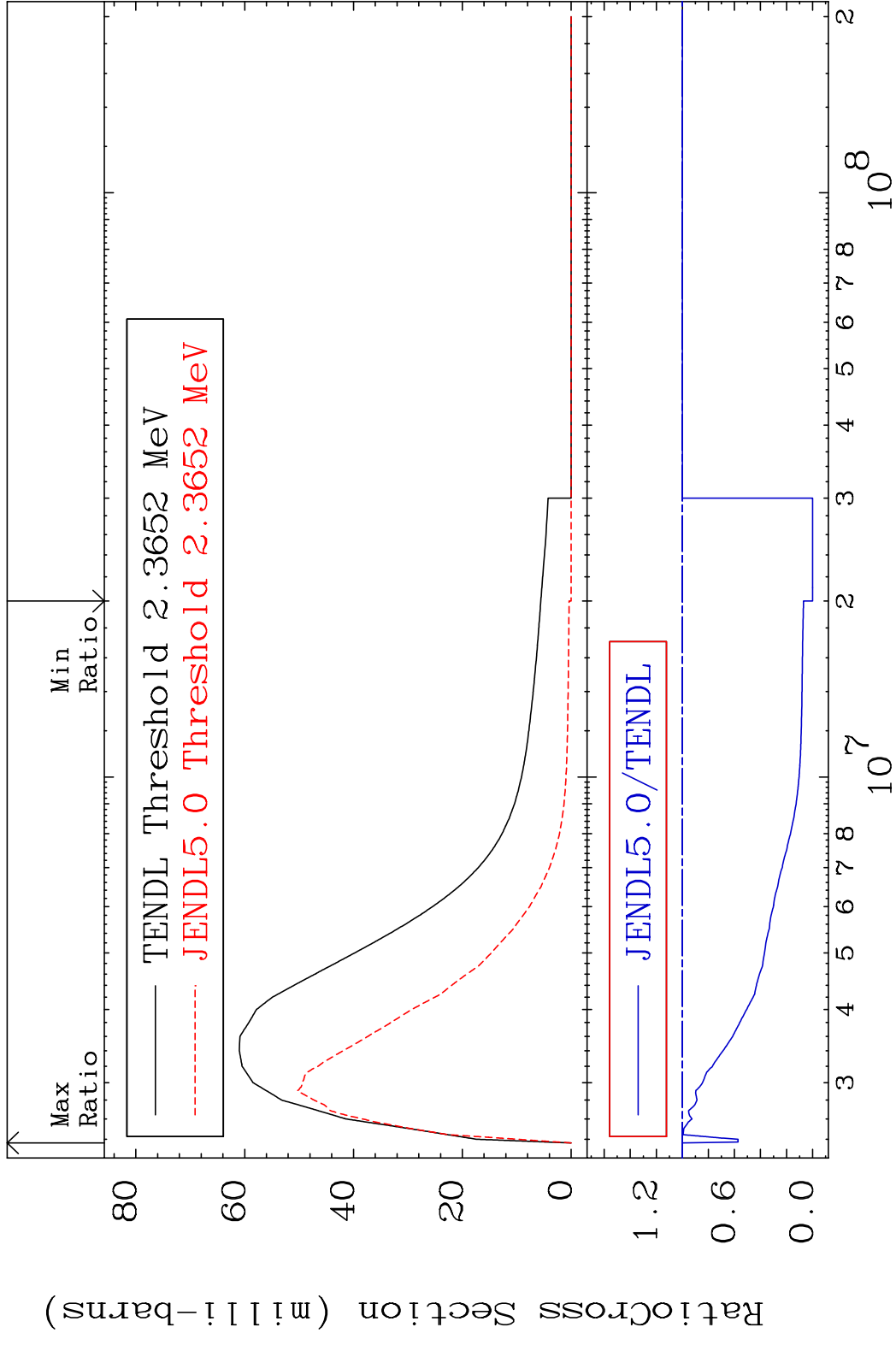
MAT 2931 MT= 58 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 727.3 %



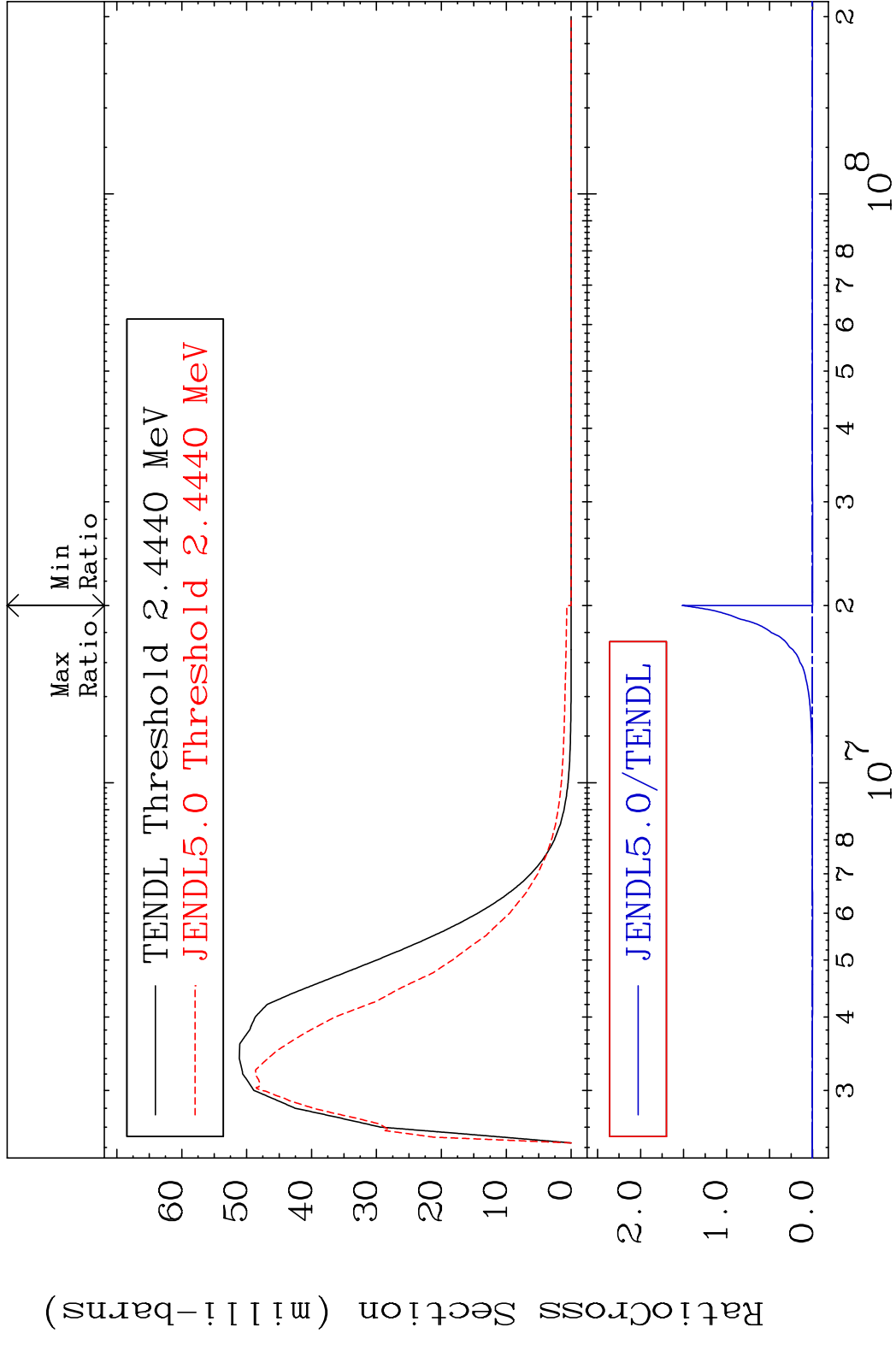
MAT 2931 MT= 59 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 24.99 %



MAT 2931 MT= 60 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 0.000 %

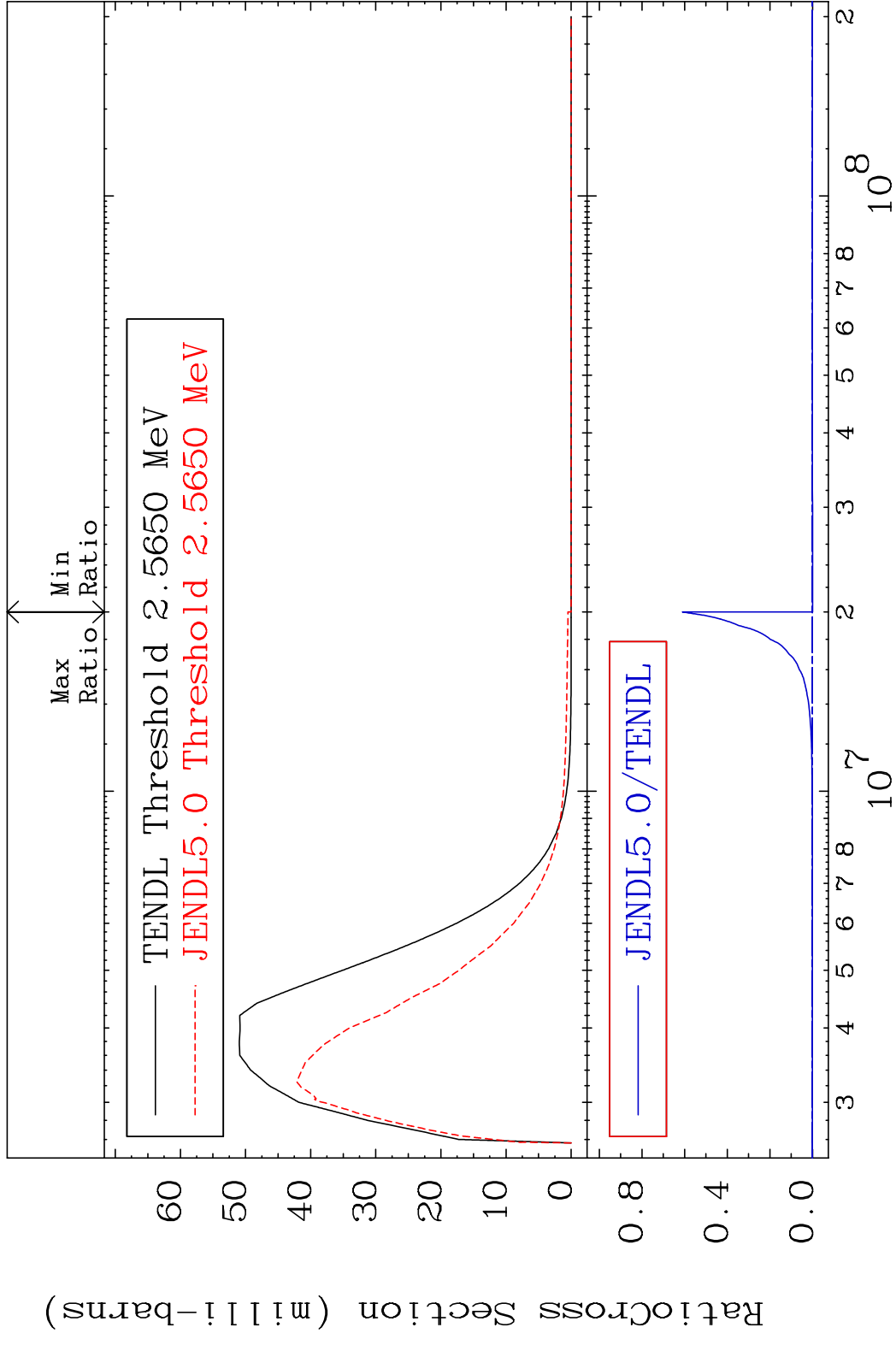


MAT 2931 MT= 61 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 9999. %

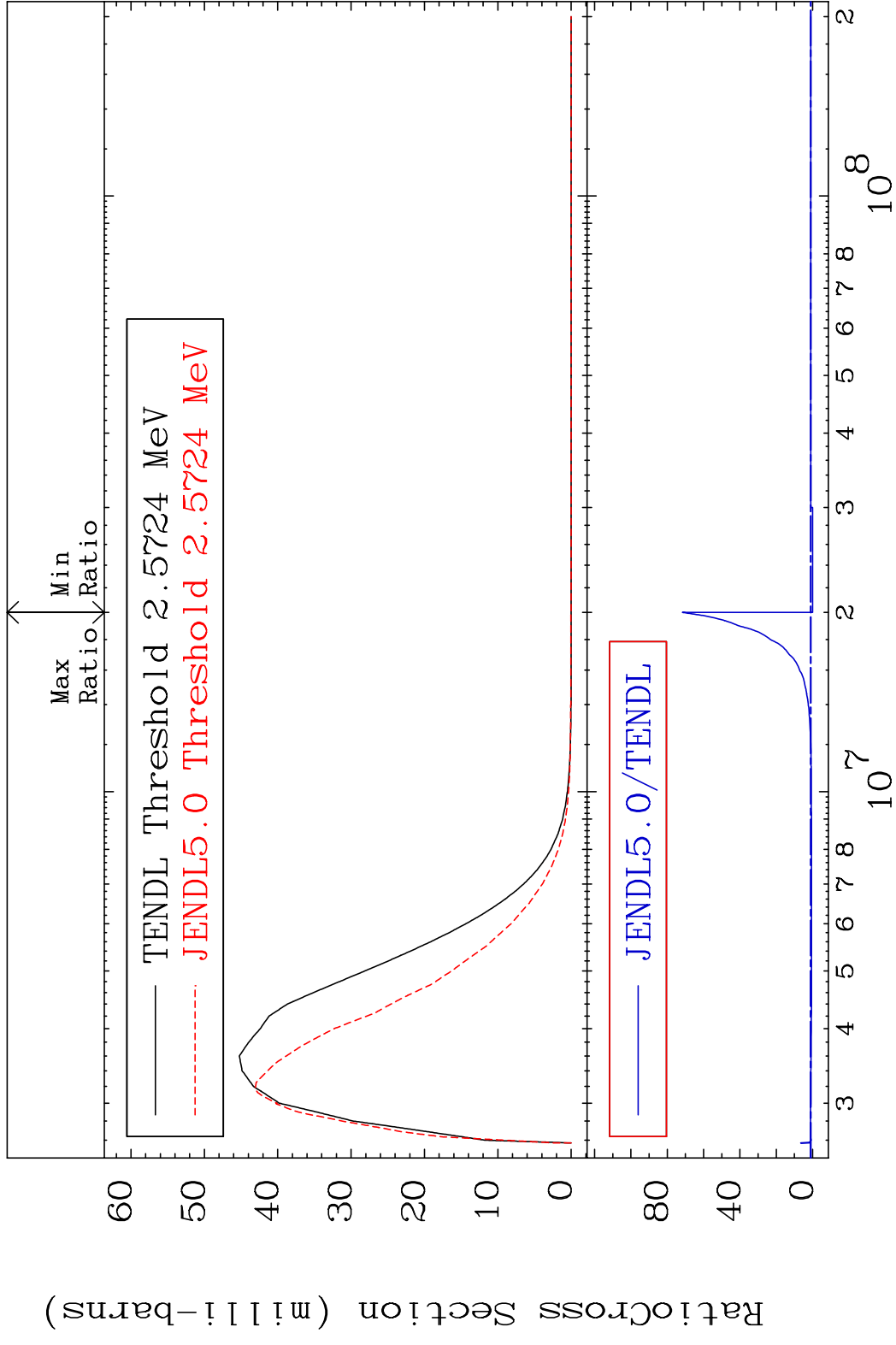


25 29-Cu-65

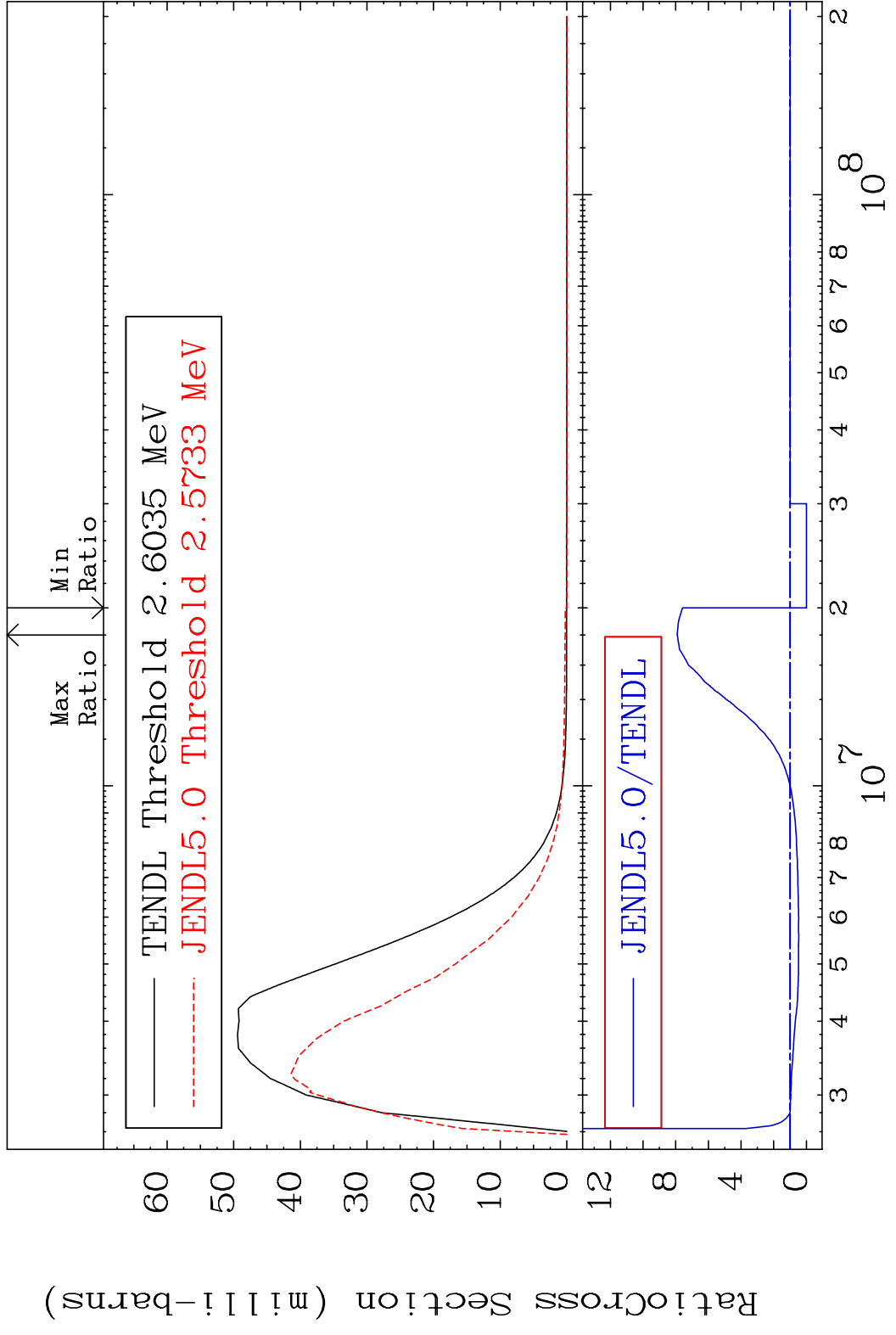
MAT 2931 MT= 62 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 9999. %



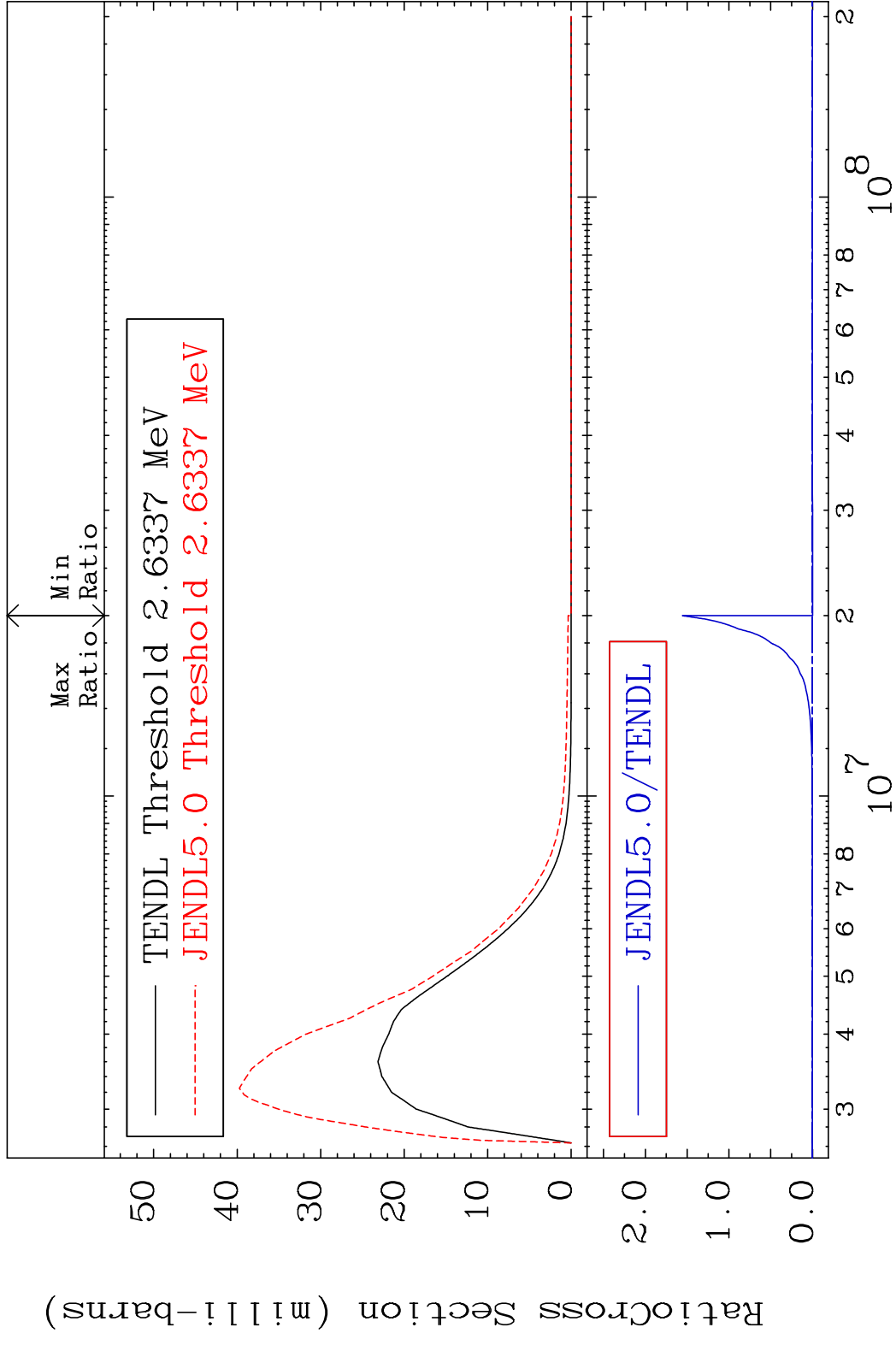
MAT 2931 MT= 63 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 7069. %



MAT 2931 MT= 64 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 691.1 %

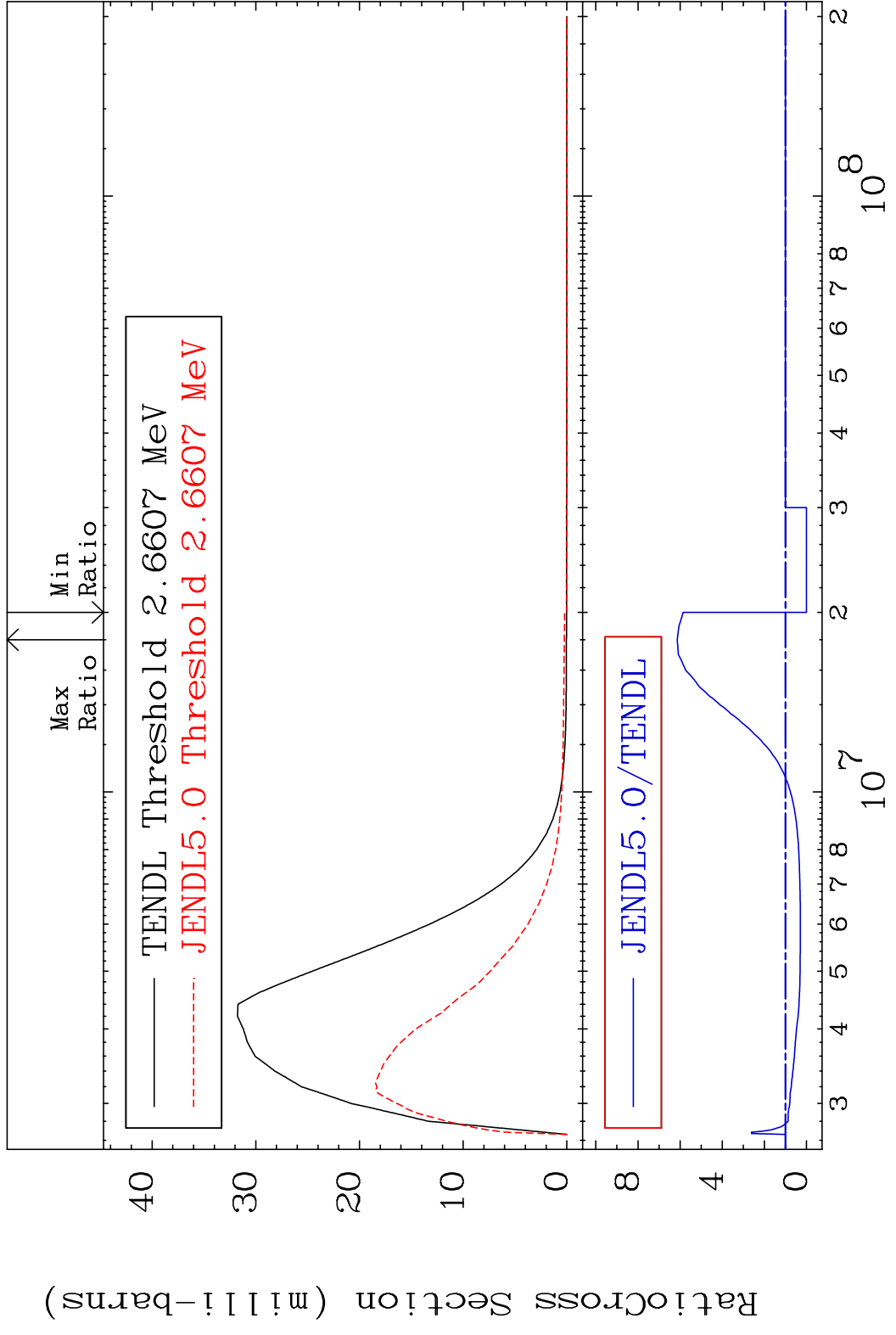


MAT 2931 MT= 65 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 9999. %



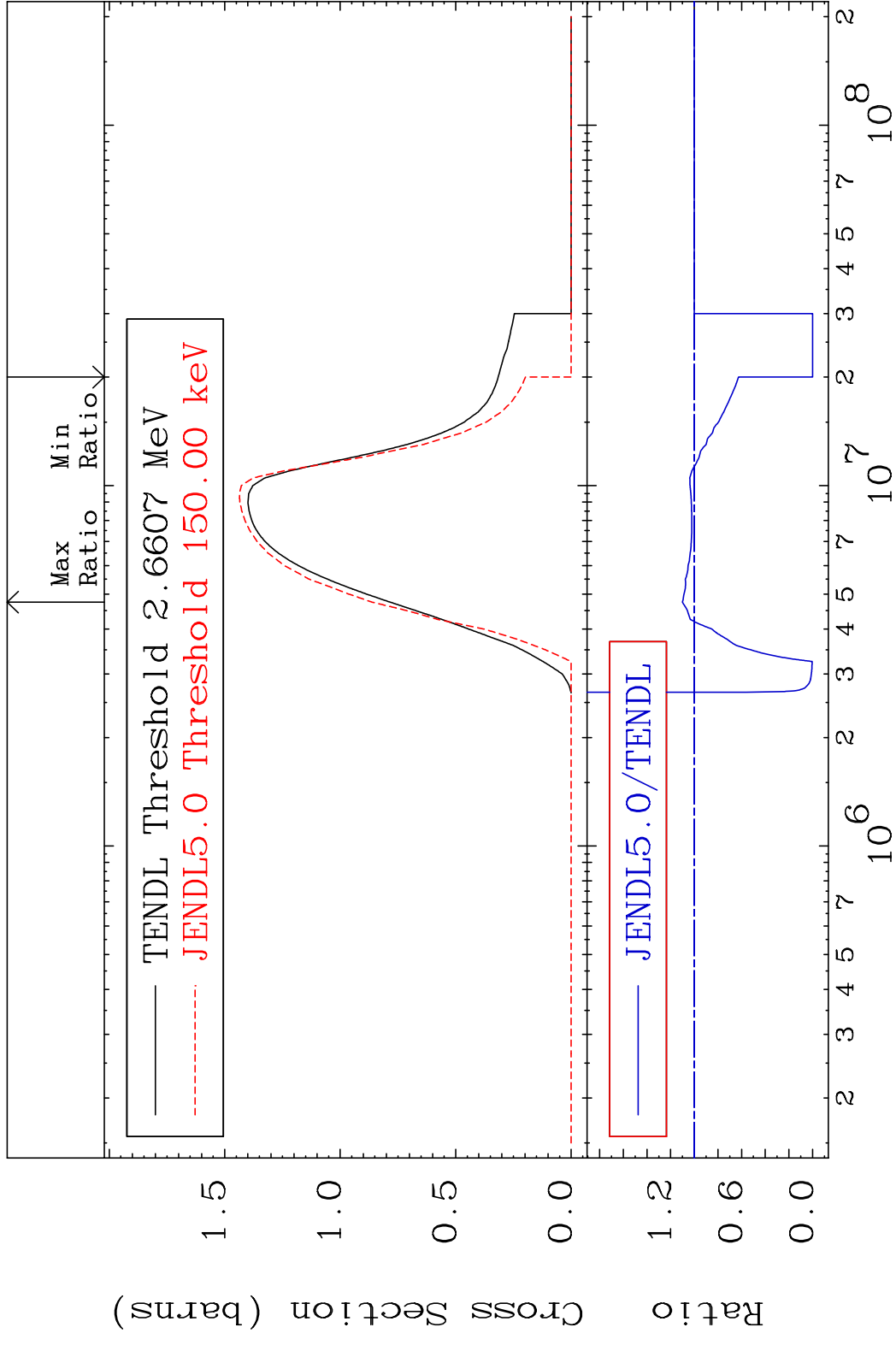
29 29-Cu-65

MAT 2931 MT= 66 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 513.7 %



30 30 29-Cu-65

MAT 2931 (n, n') Continuum 29-Cu-65
 Cross Section -100.0 To 10.09 %

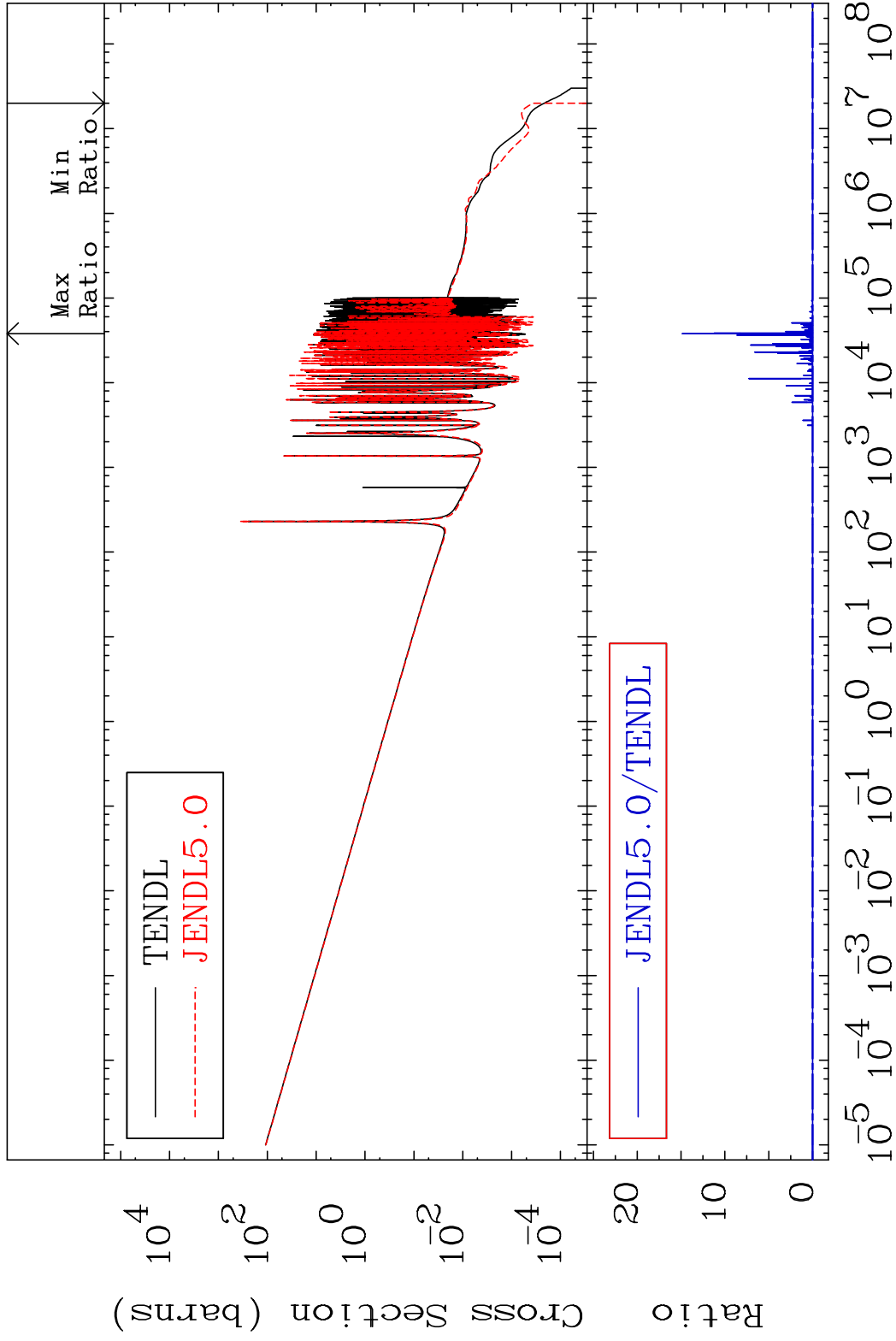


MAT 2931

(n, γ)

29-Cu-65

Cross Section -100.0 To 9999. %

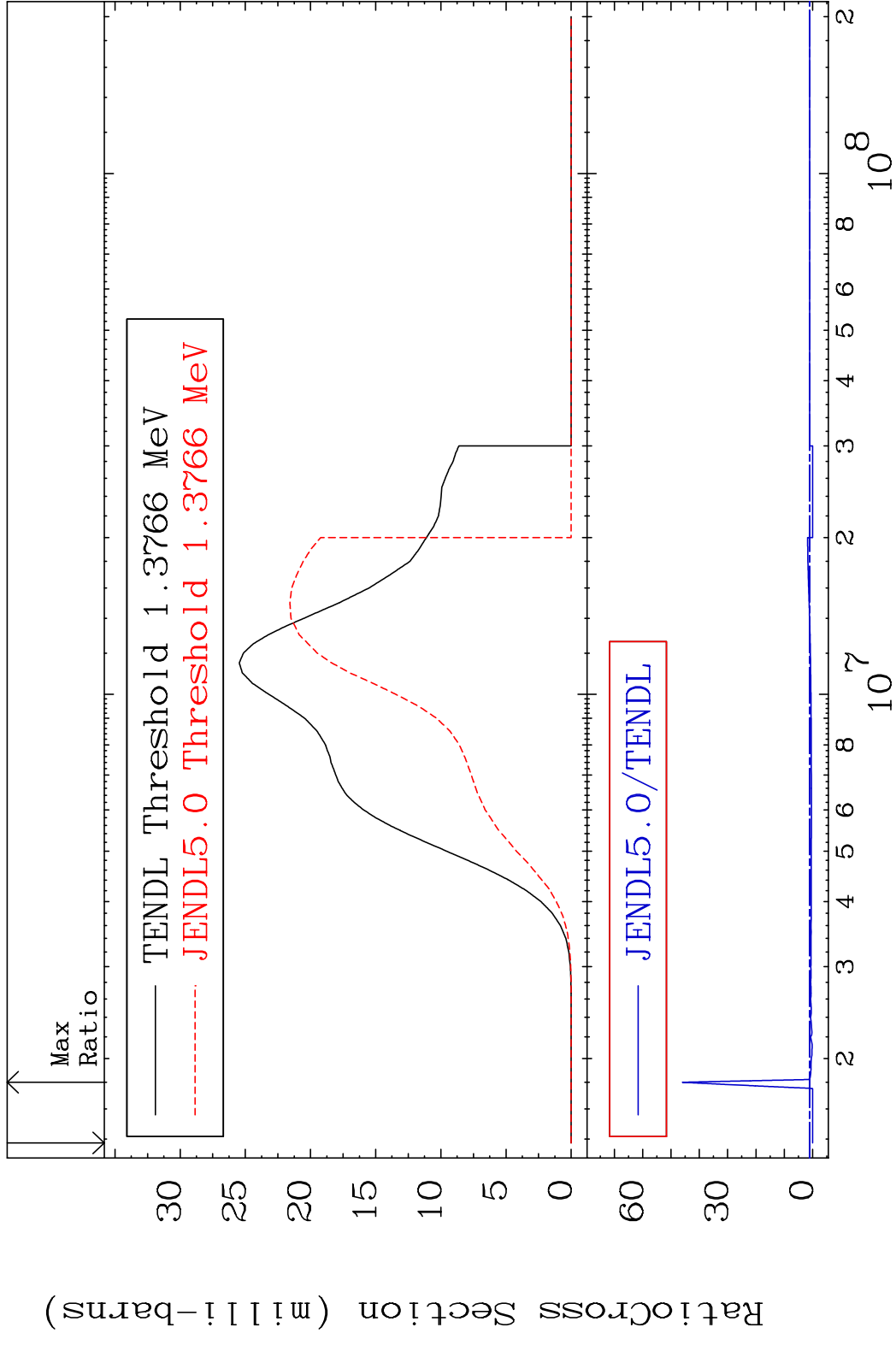


32

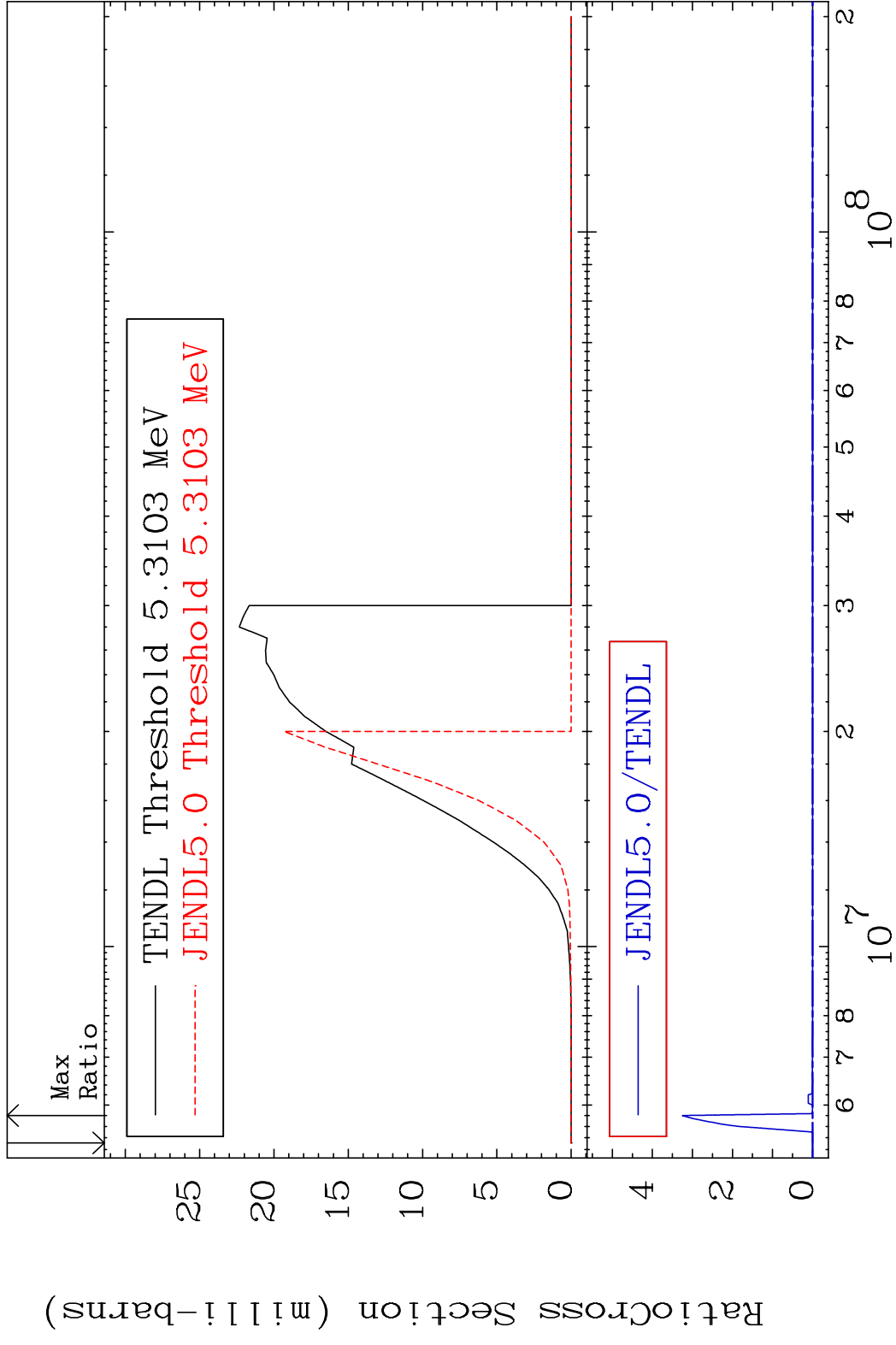
Incident Energy (eV)

29-Cu-65

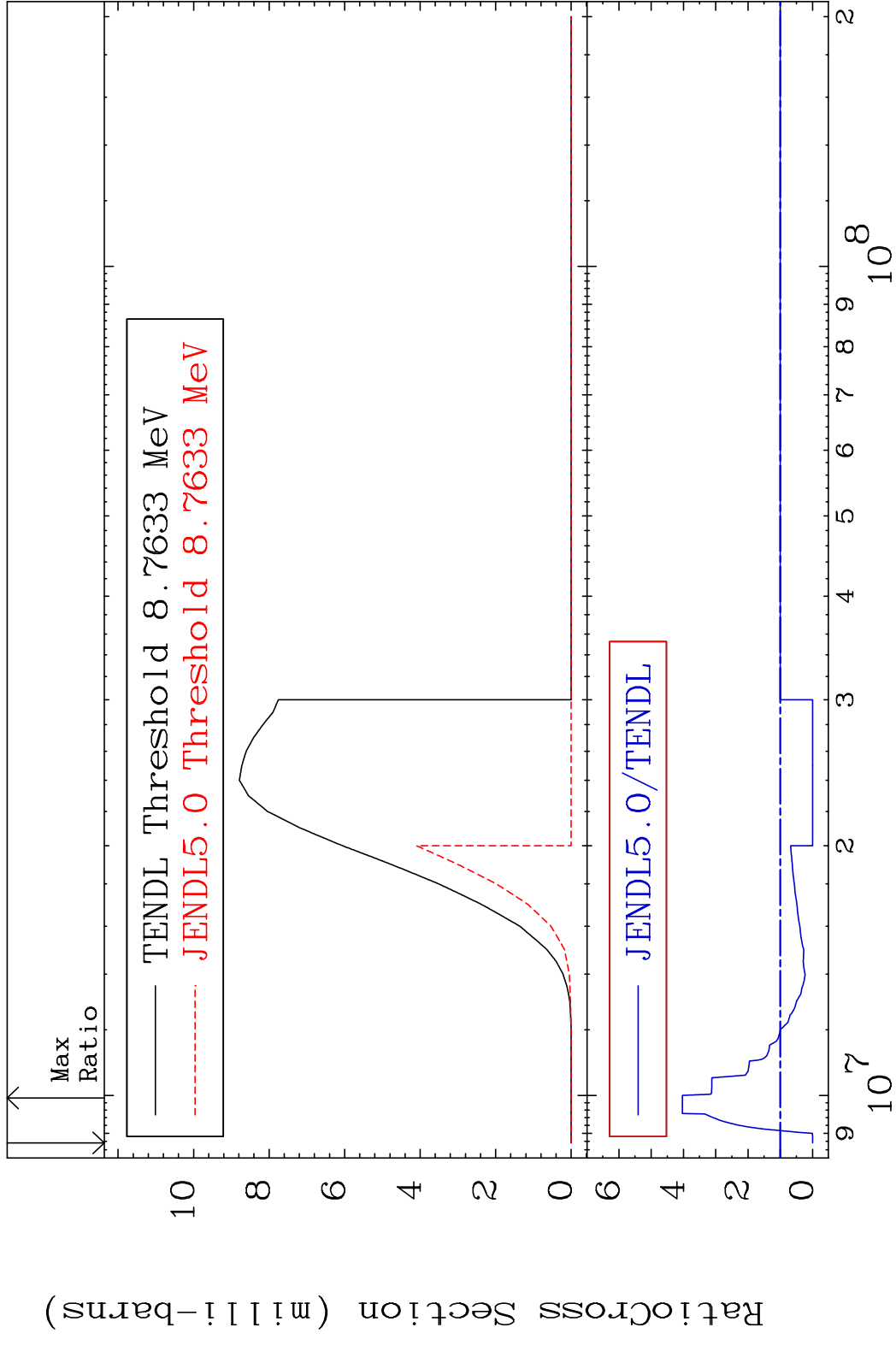
MAT 2931 (n,p) 29-Cu-65
 Cross Section -100.0 To 4500. %



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



MAT 2931 (n, t) 29-Cu-65
 Cross Section -100.0 To 303.4 %



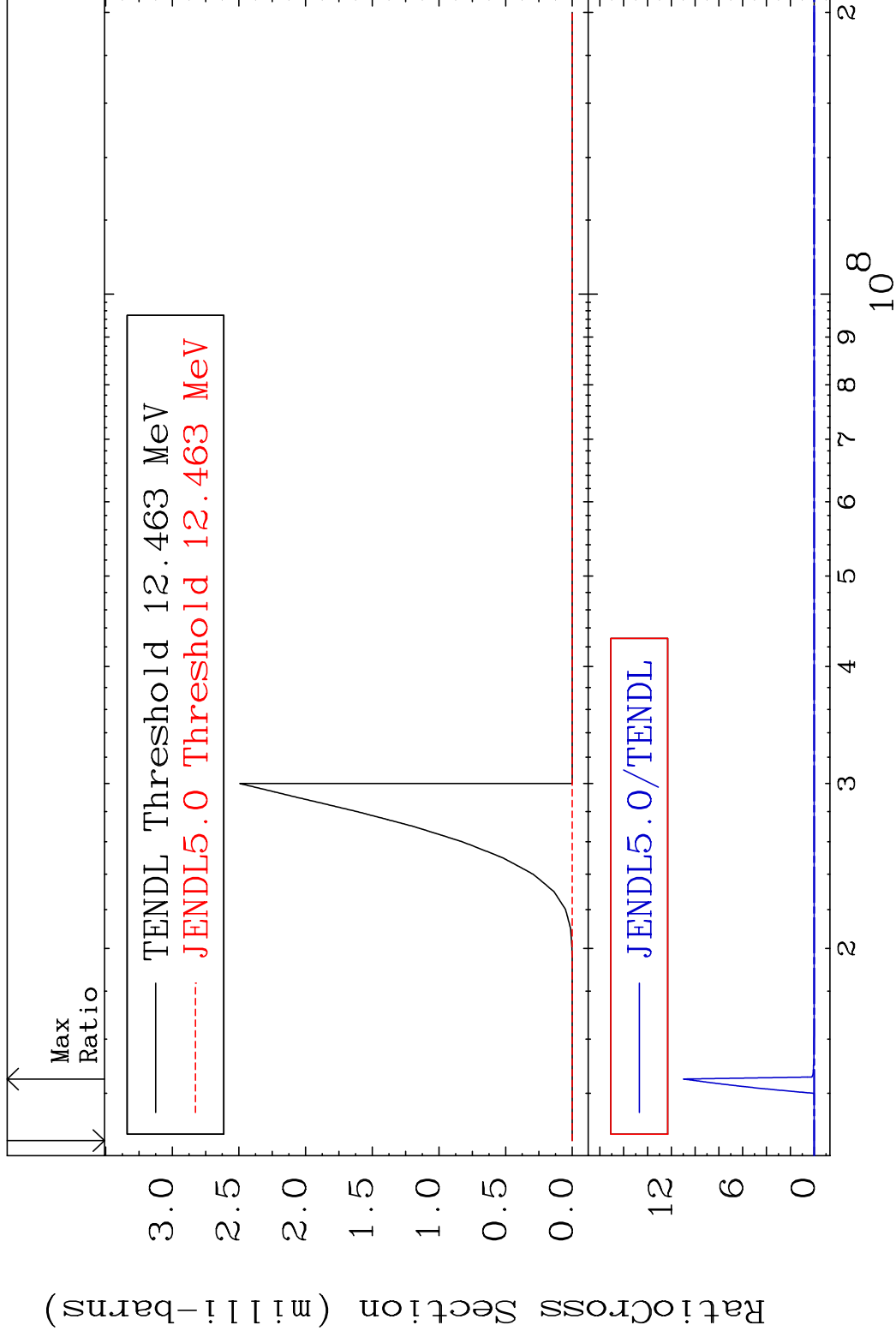
35 29-Cu-65

MAT 2931

(n, He-3)

29-Cu-65

Cross Section -100.0 To 9999. %

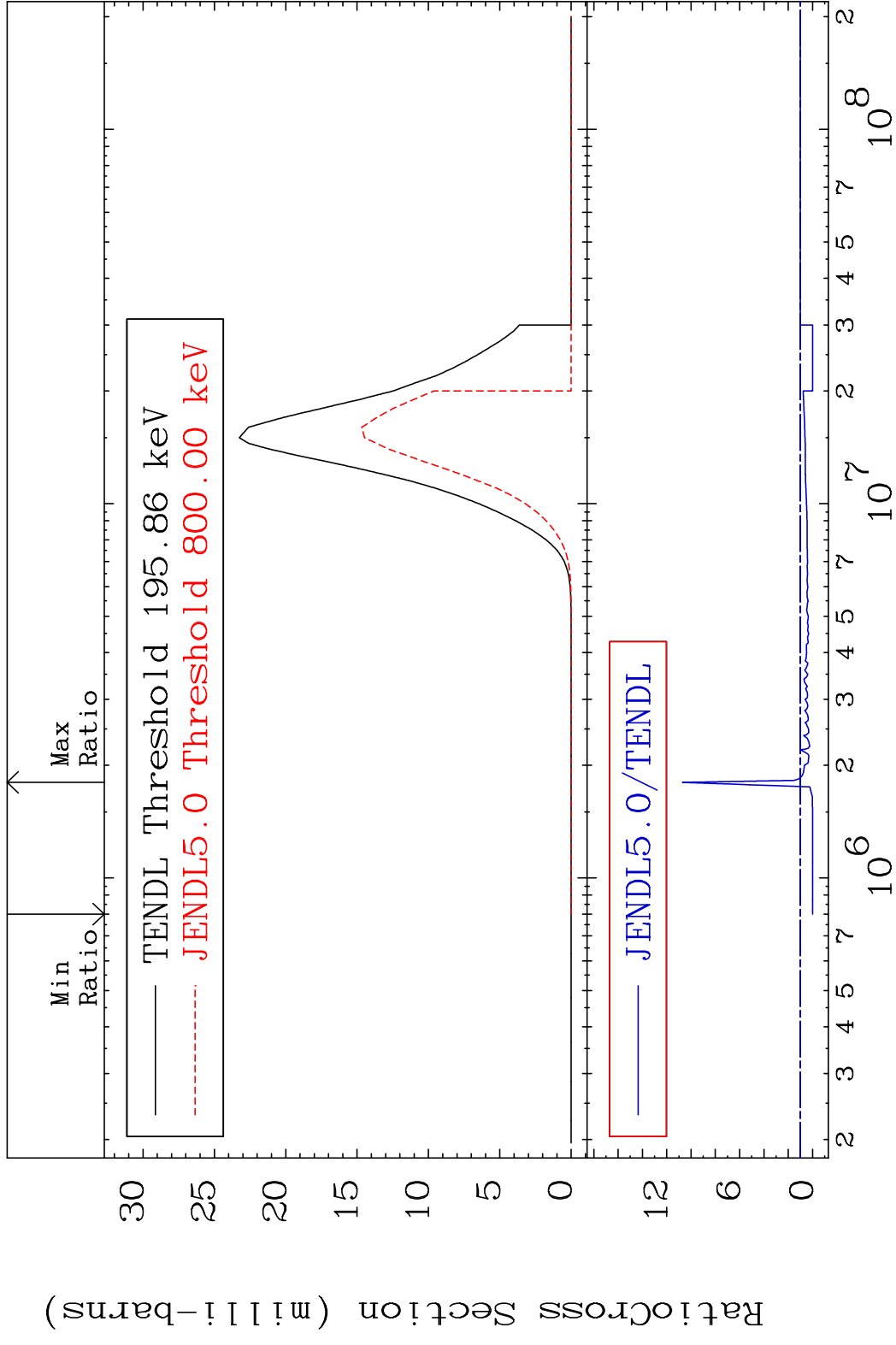


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Incident Energy (eV)

29-Cu-65

MAT 2931 (n, α) 29-Cu-65
 Cross Section -100.0 To 971.4 %

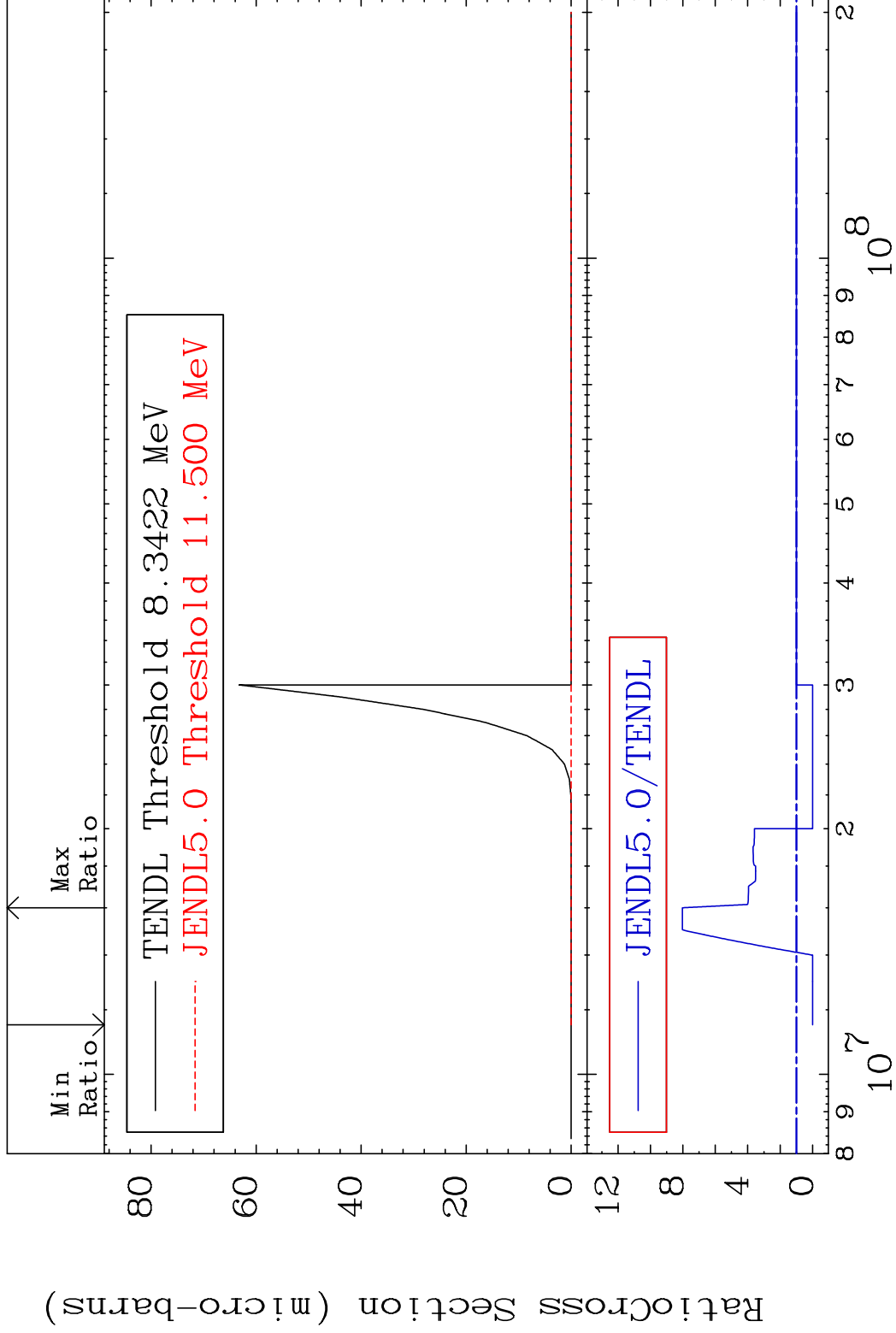


MAT 2931

(n,2α)

29-Cu-65

Cross Section -100.0 To 703.3 %

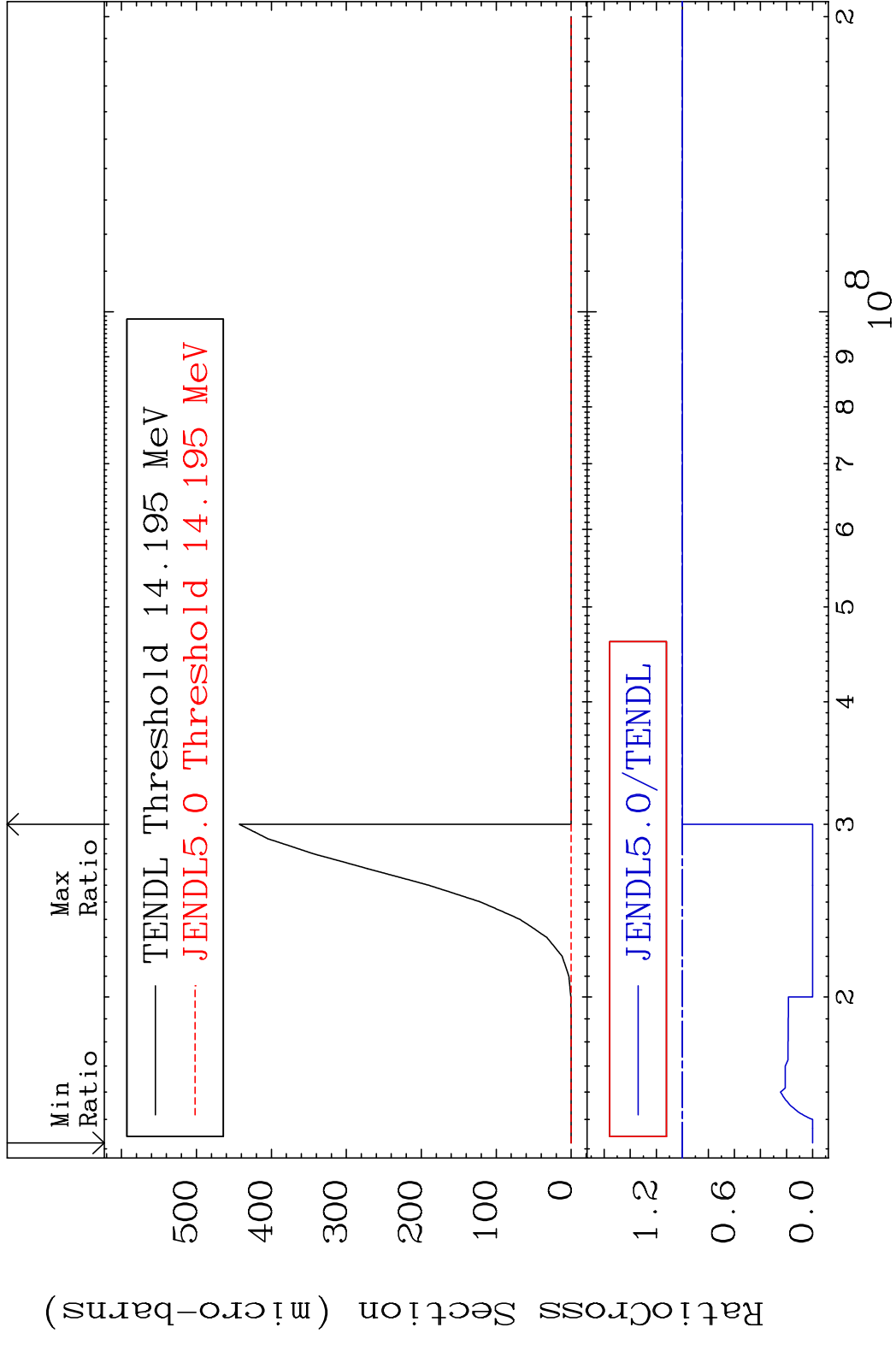


38

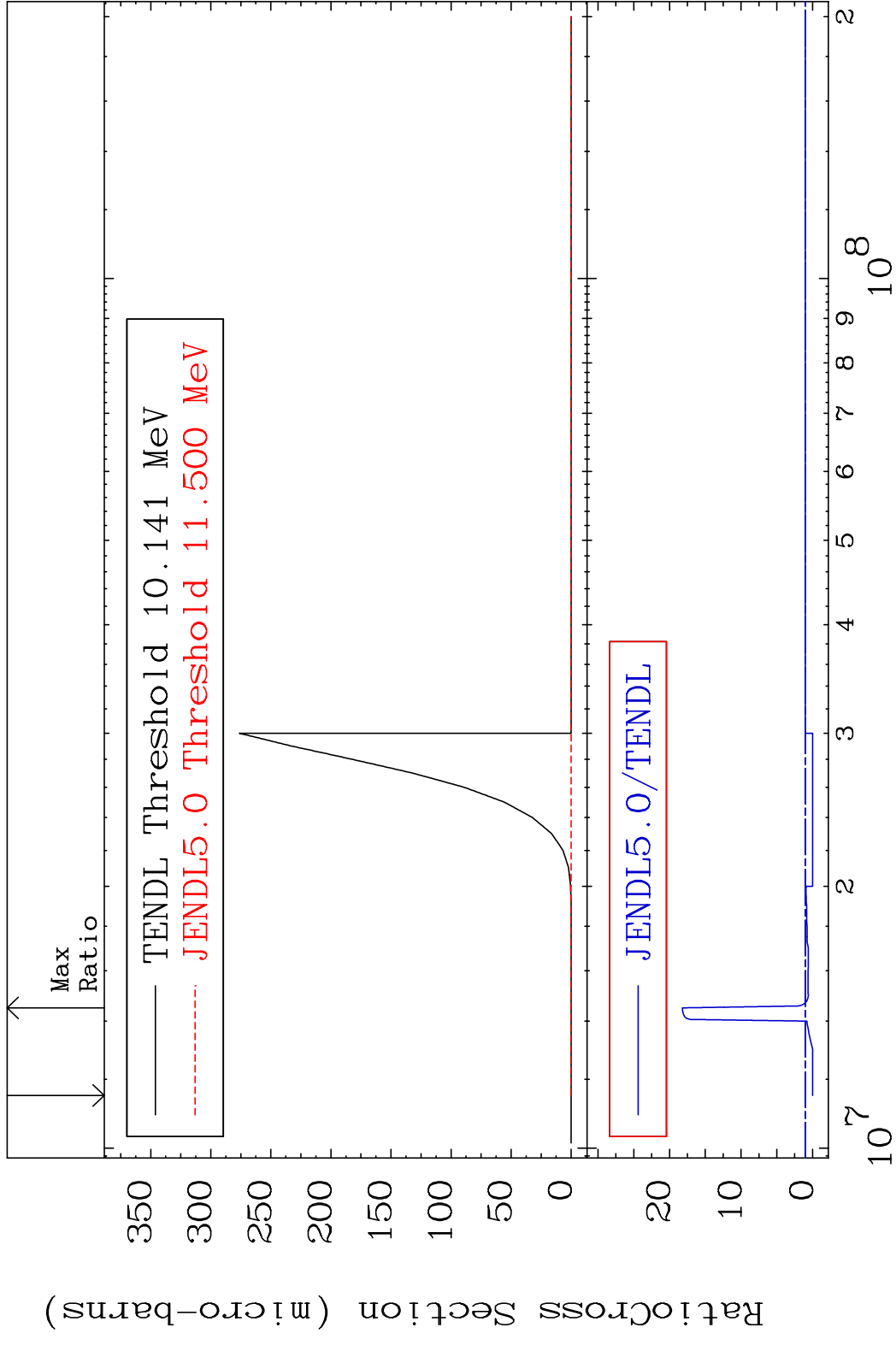
Incident Energy (eV)

29-Cu-65

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

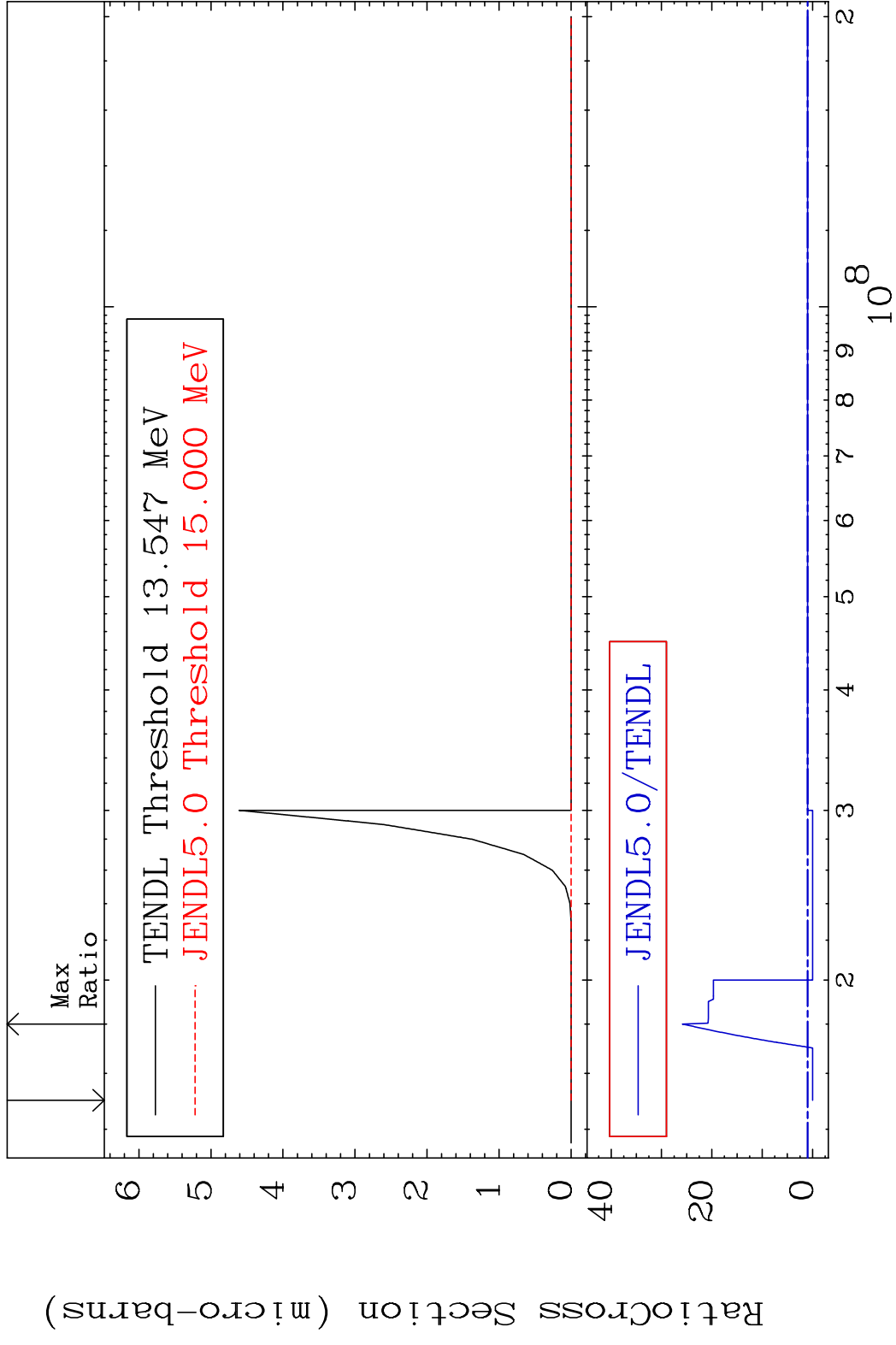


MAT 2931 (n,p) α 29-Cu-65
 Cross Section -100.0 To 1721. %



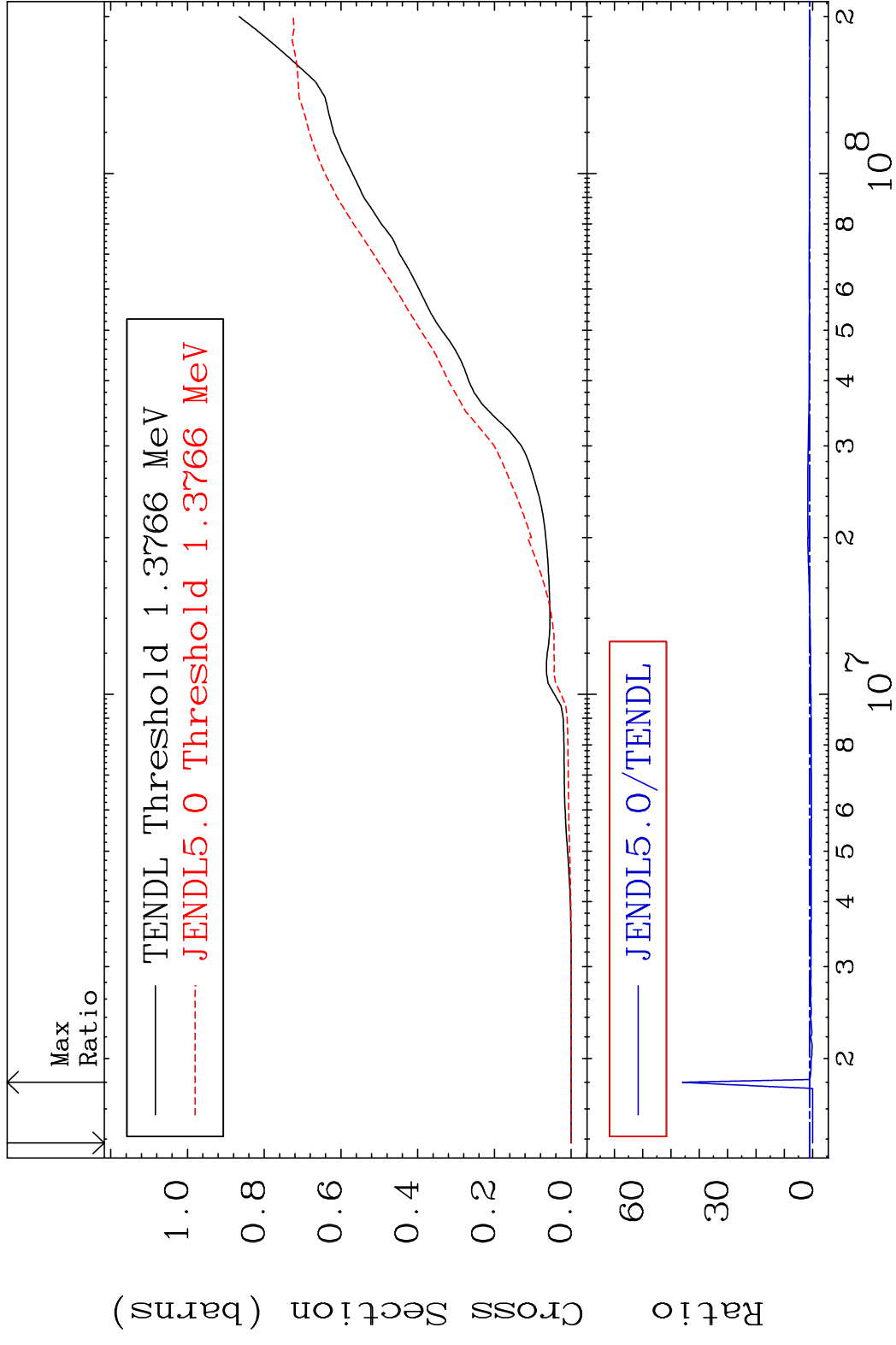
40 29-Cu-65

MAT 2931 (n,d) α 29-Cu-65
 Cross Section -100.0 To 2486. %

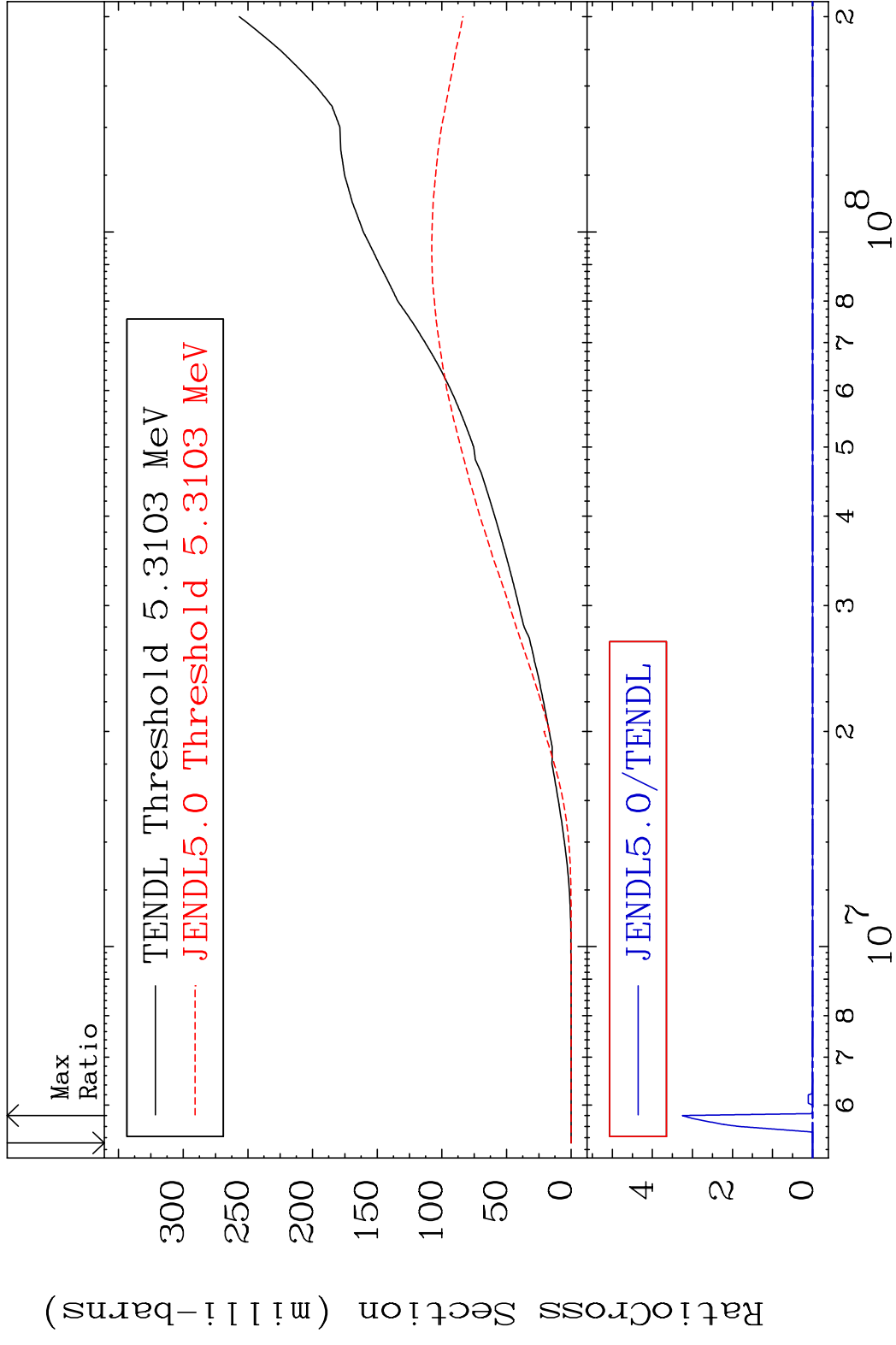


42 Incident Energy (eV) 29-Cu-65

MAT 2931 Hydrogen Production 29-Cu-65
 Cross Section -100.0 To 4500. %

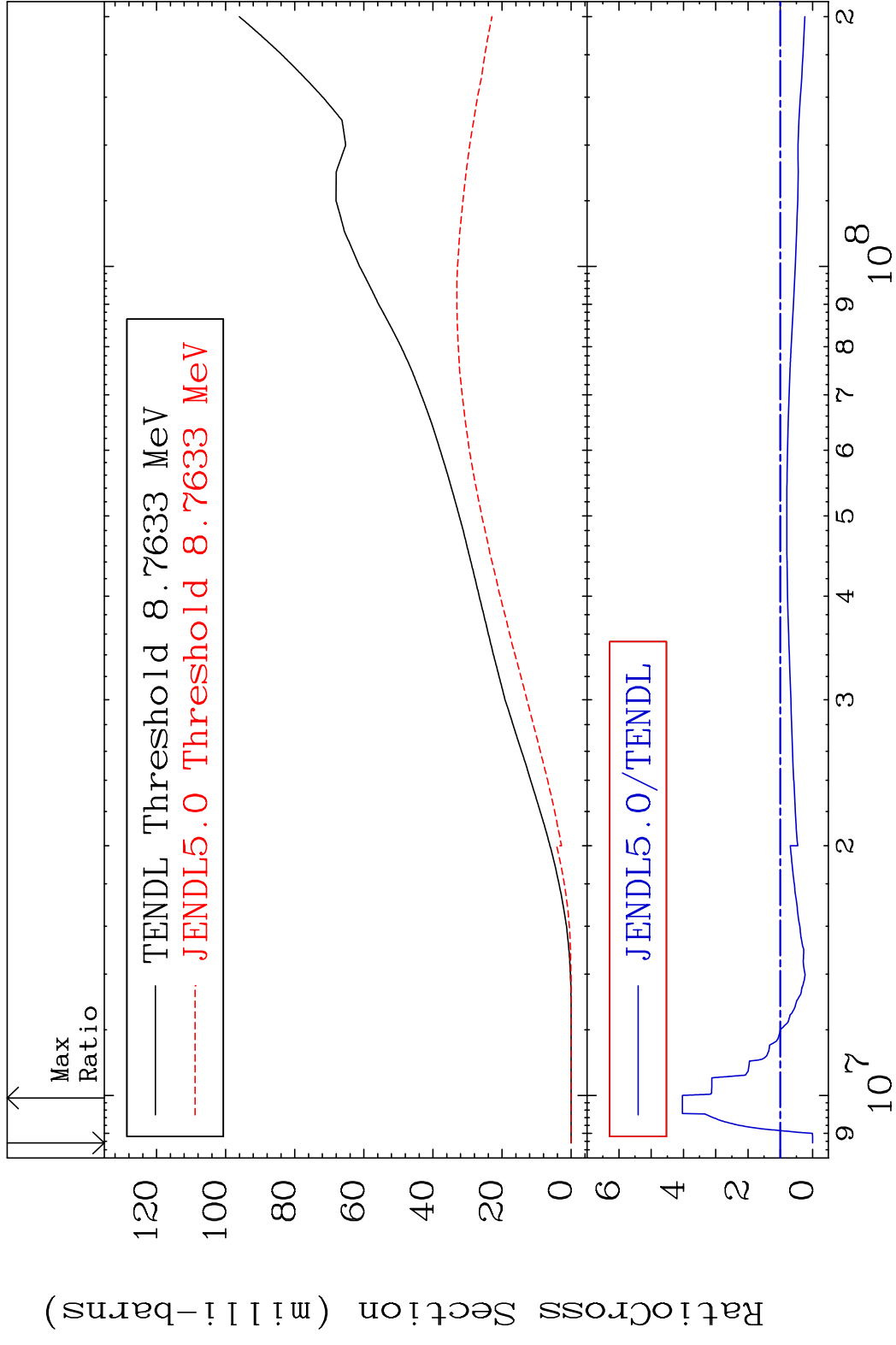


MAT 2931 Deuterium Production 29-Cu-65
 Cross Section -100.0 To 9999. %



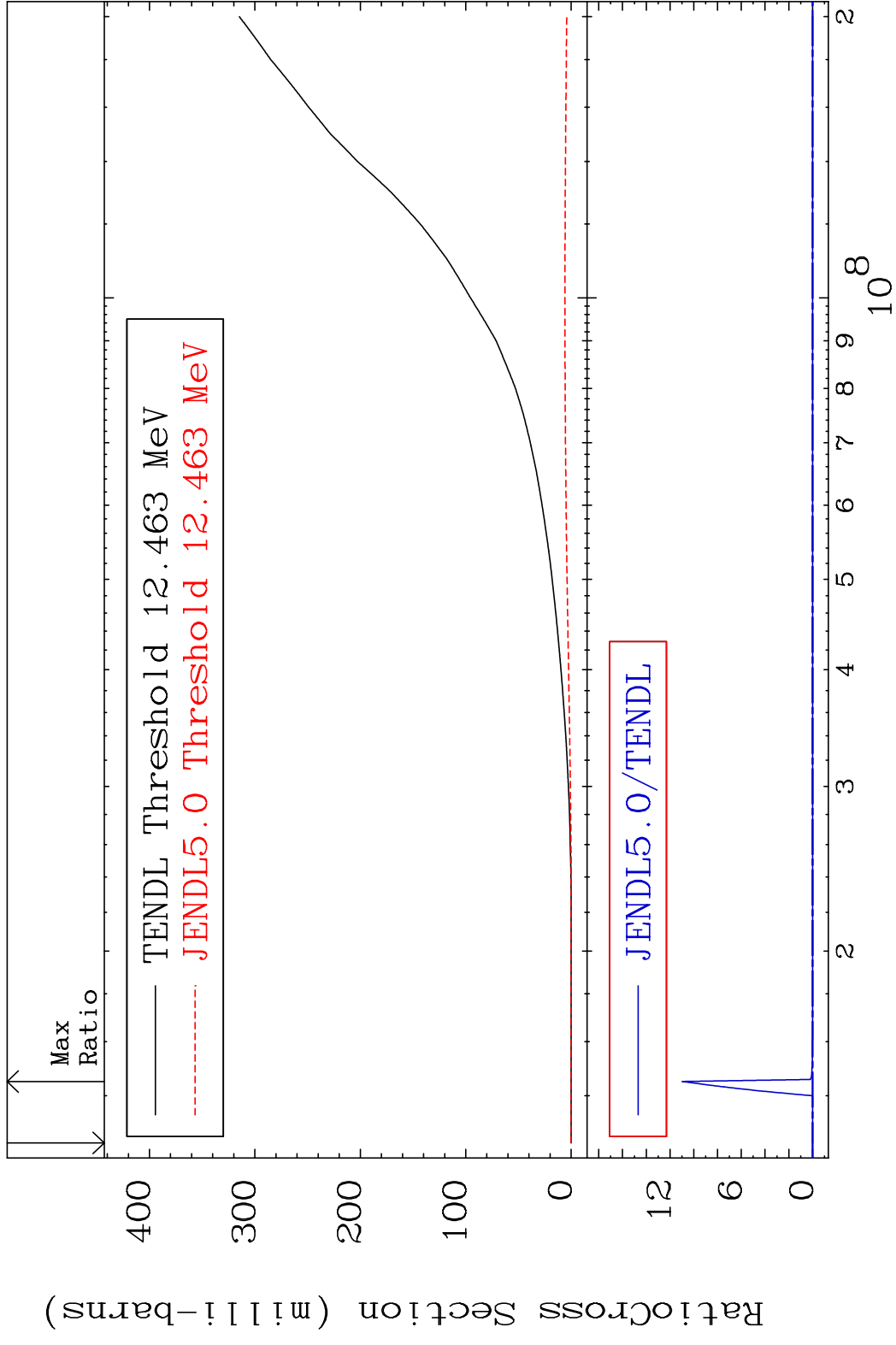
44 Incident Energy (eV) 29-Cu-65

MAT 2931 Tritium Production 29-Cu-65
 Cross Section -100.0 To 303.4 %



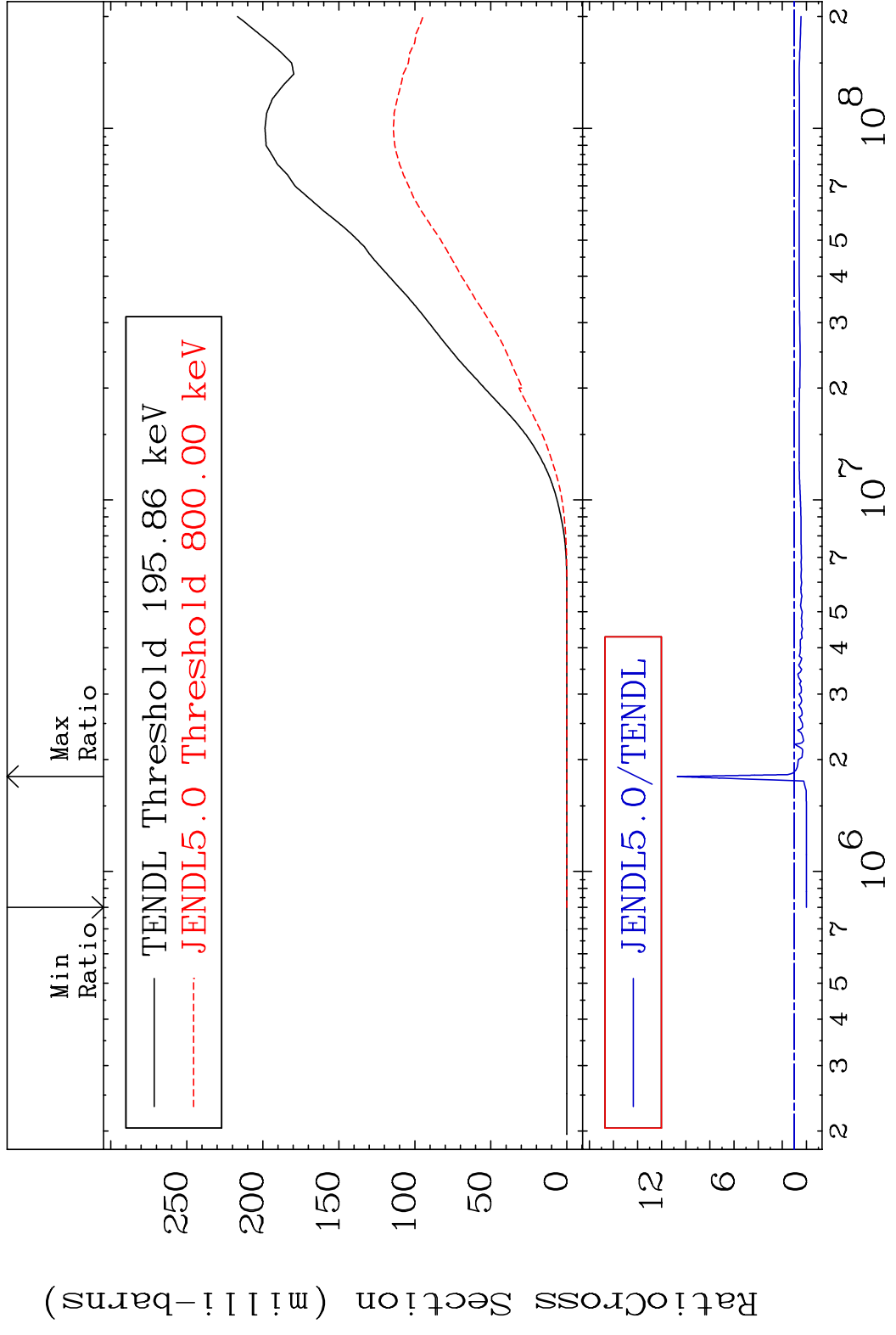
45 29-Cu-65

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

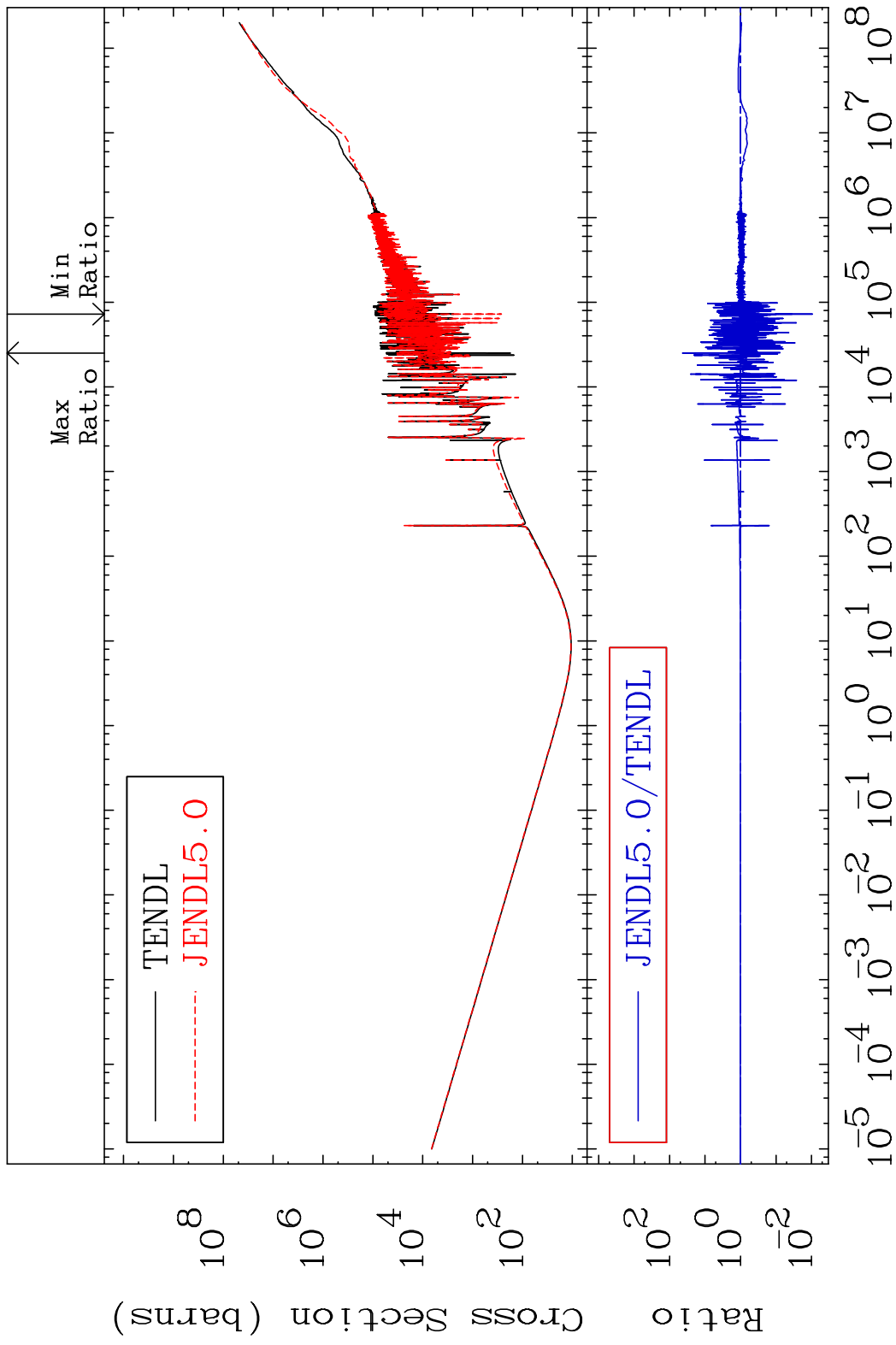


46 Incident Energy (eV) 29-Cu-65

MAT 2931 He-4 Production 29-Cu-65
 Cross Section -100.0 To 971.4 %



MAT 2931 Kerma total (eV-barns) 29-Cu-65
Cross Section -99.07 To 4272. %

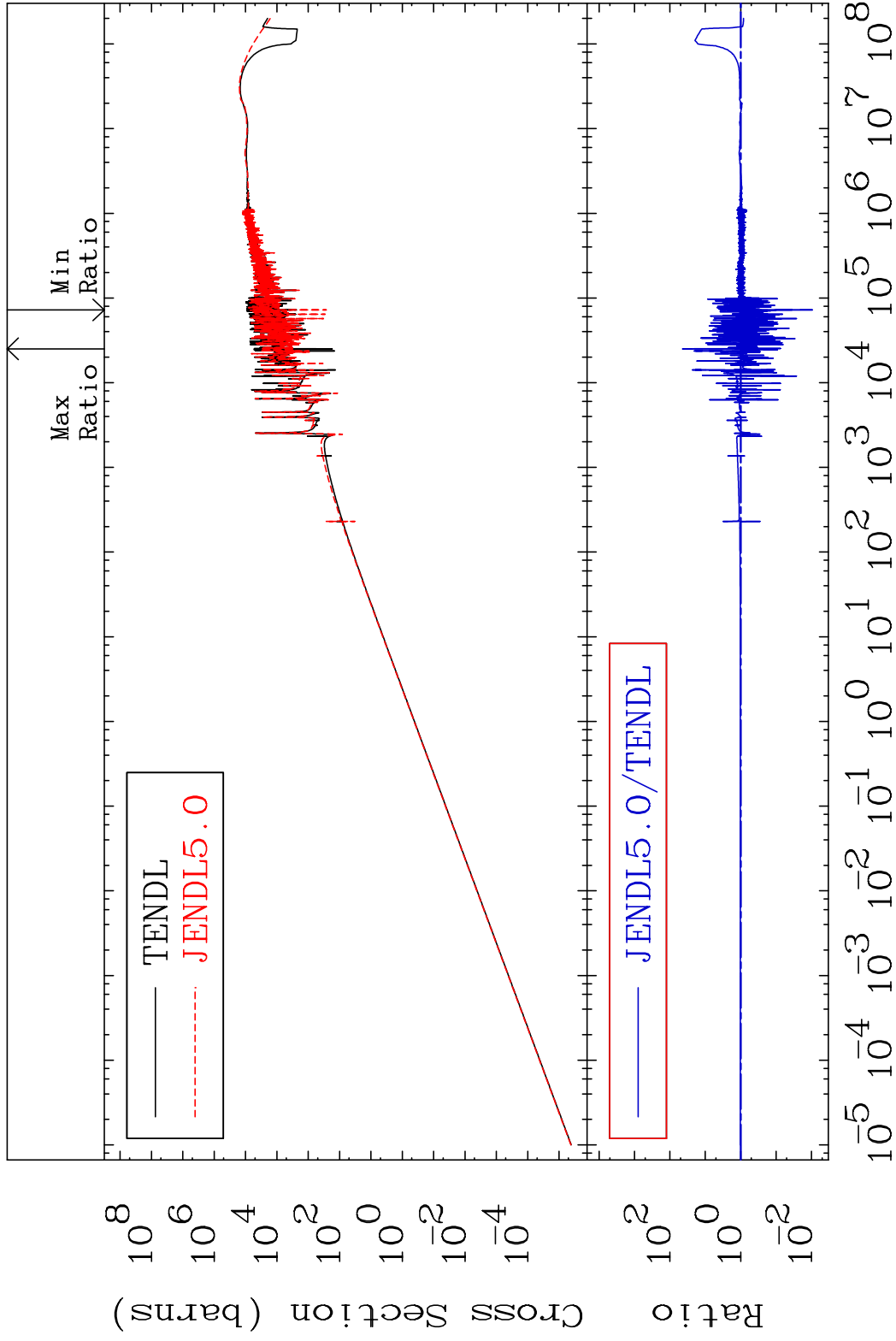


MAT 2931

Kerma elastic

29-Cu-65

Cross Section -99.07 To 4351. %

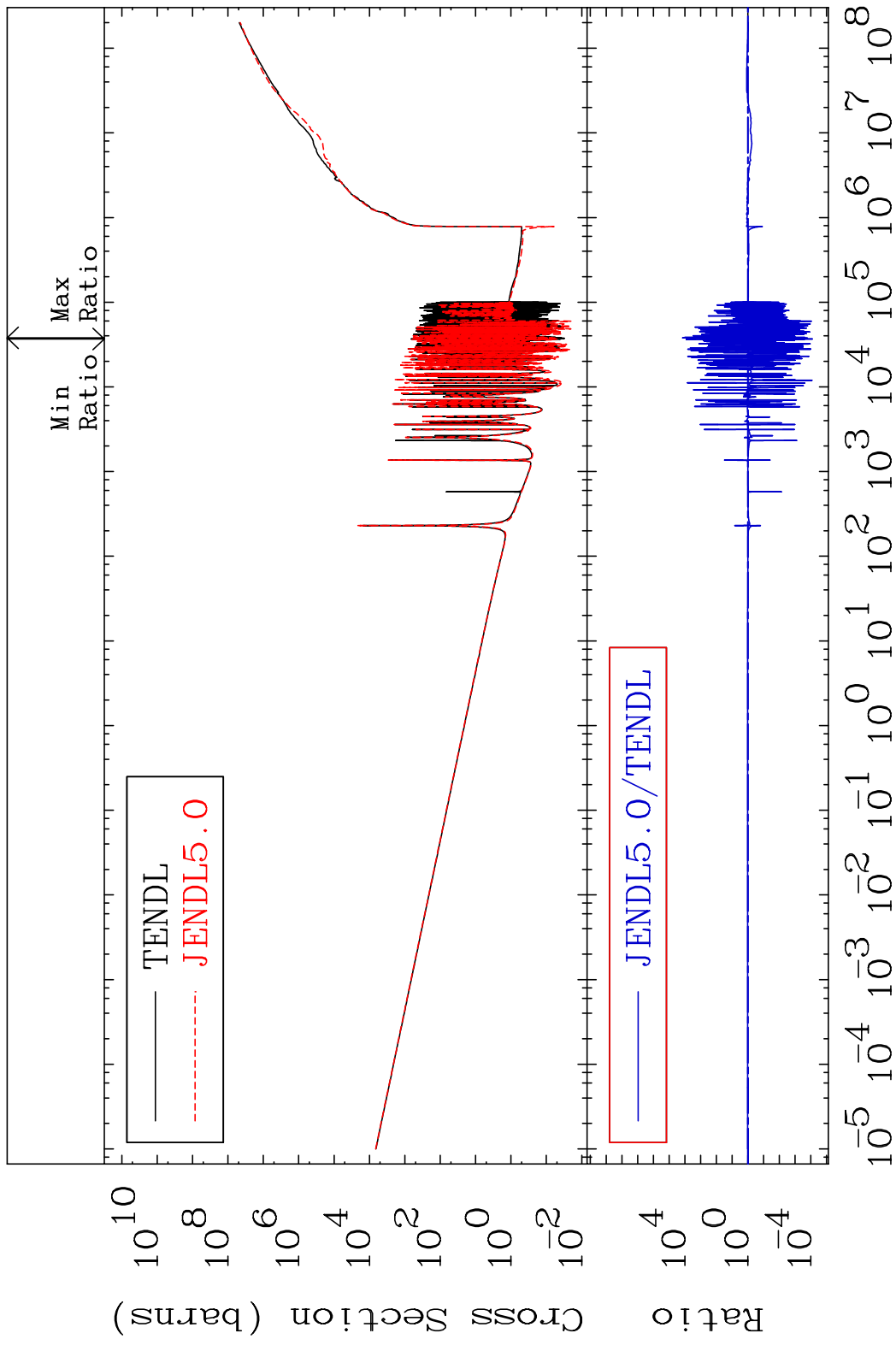


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Incident Energy (eV)

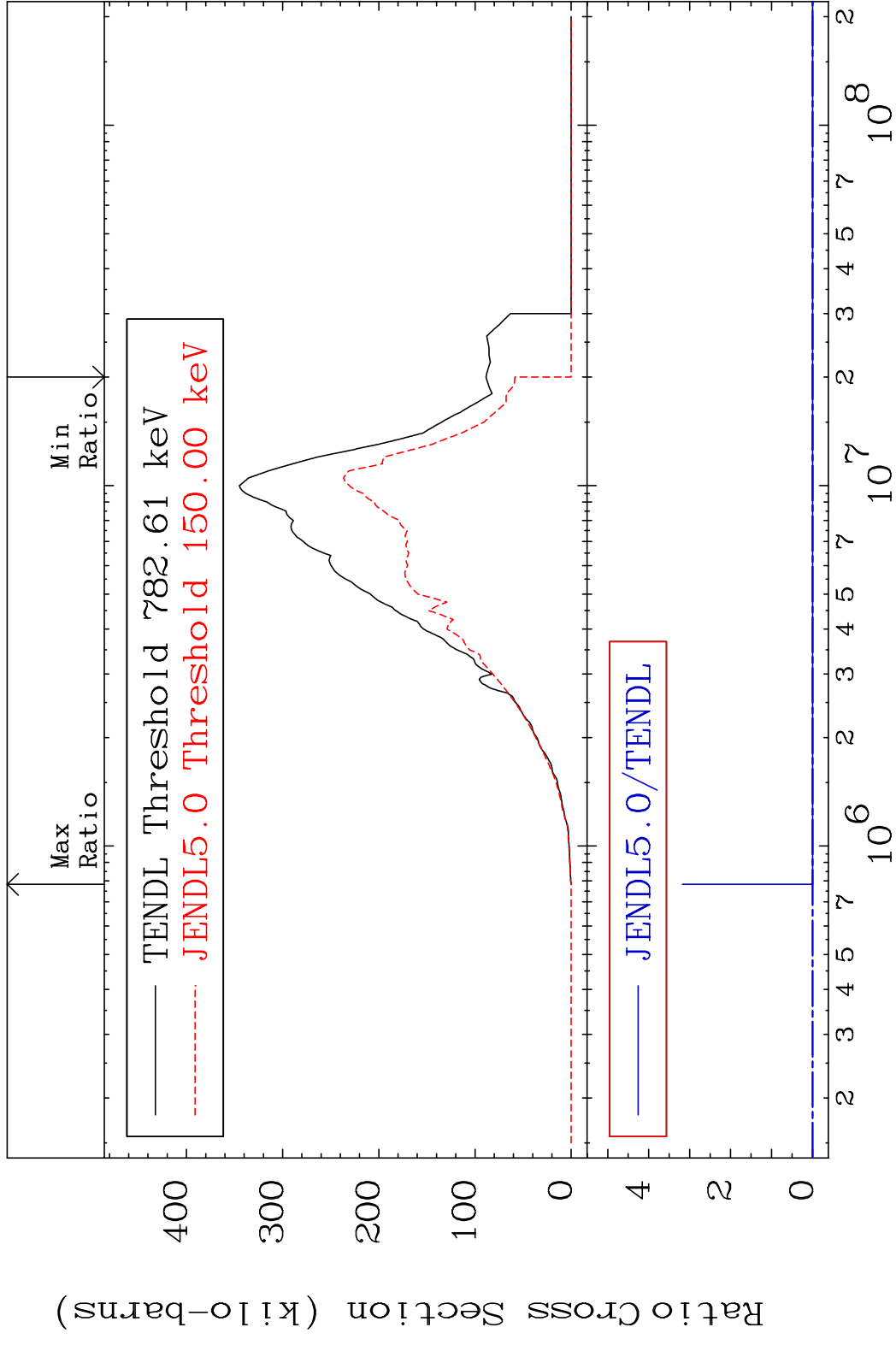
29-Cu-65

MAT 2931 Kerma non-elastic (all but mt2) 29-Cu-65
Cross Section -99.99 To 9999. %

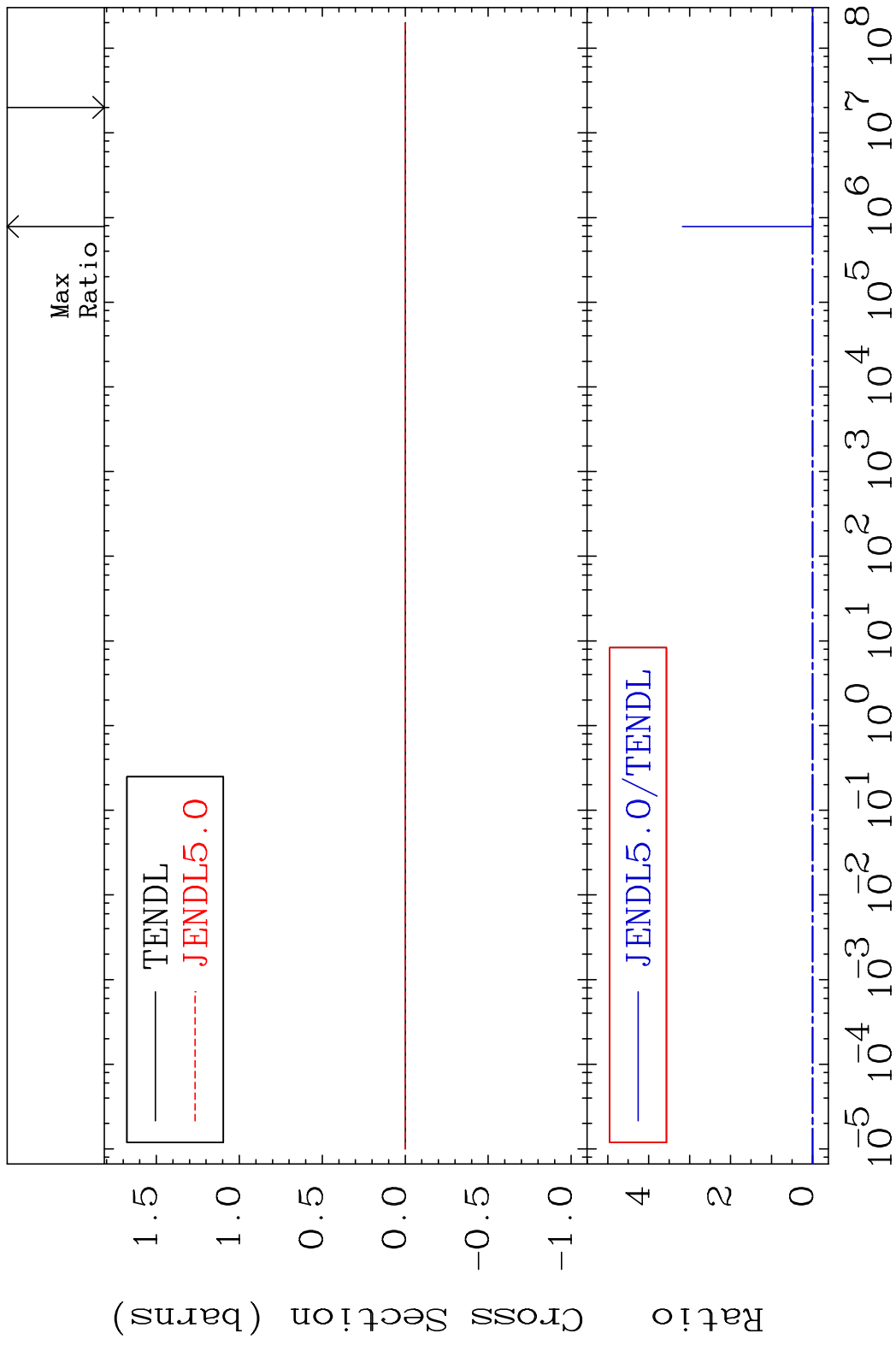


50 Incident Energy (eV) 29-Cu-65

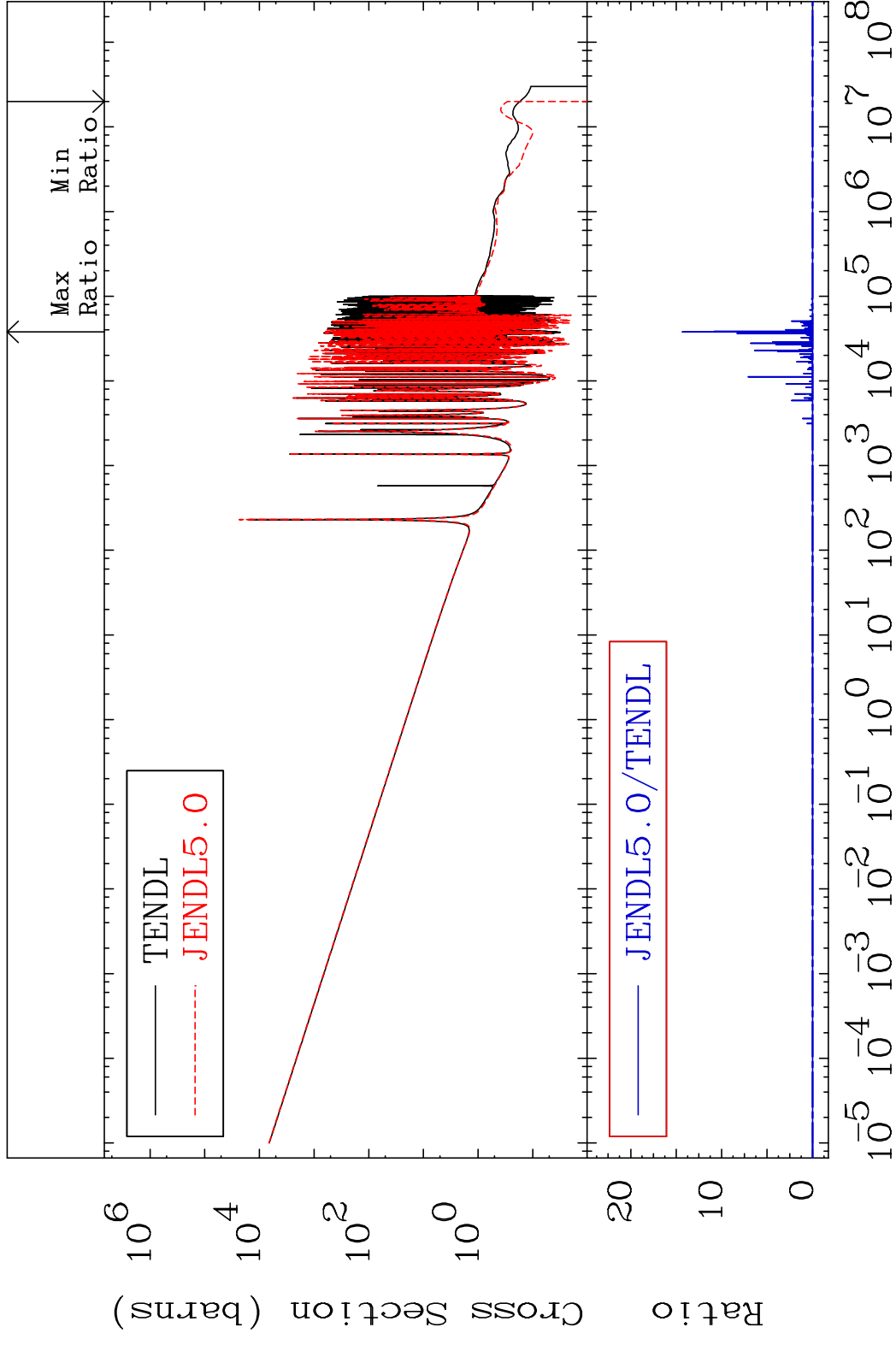
MAT 2931 Kerma inelastic (mt51-91) 29-Cu-65
 Cross Section -100.0 To 9999. %



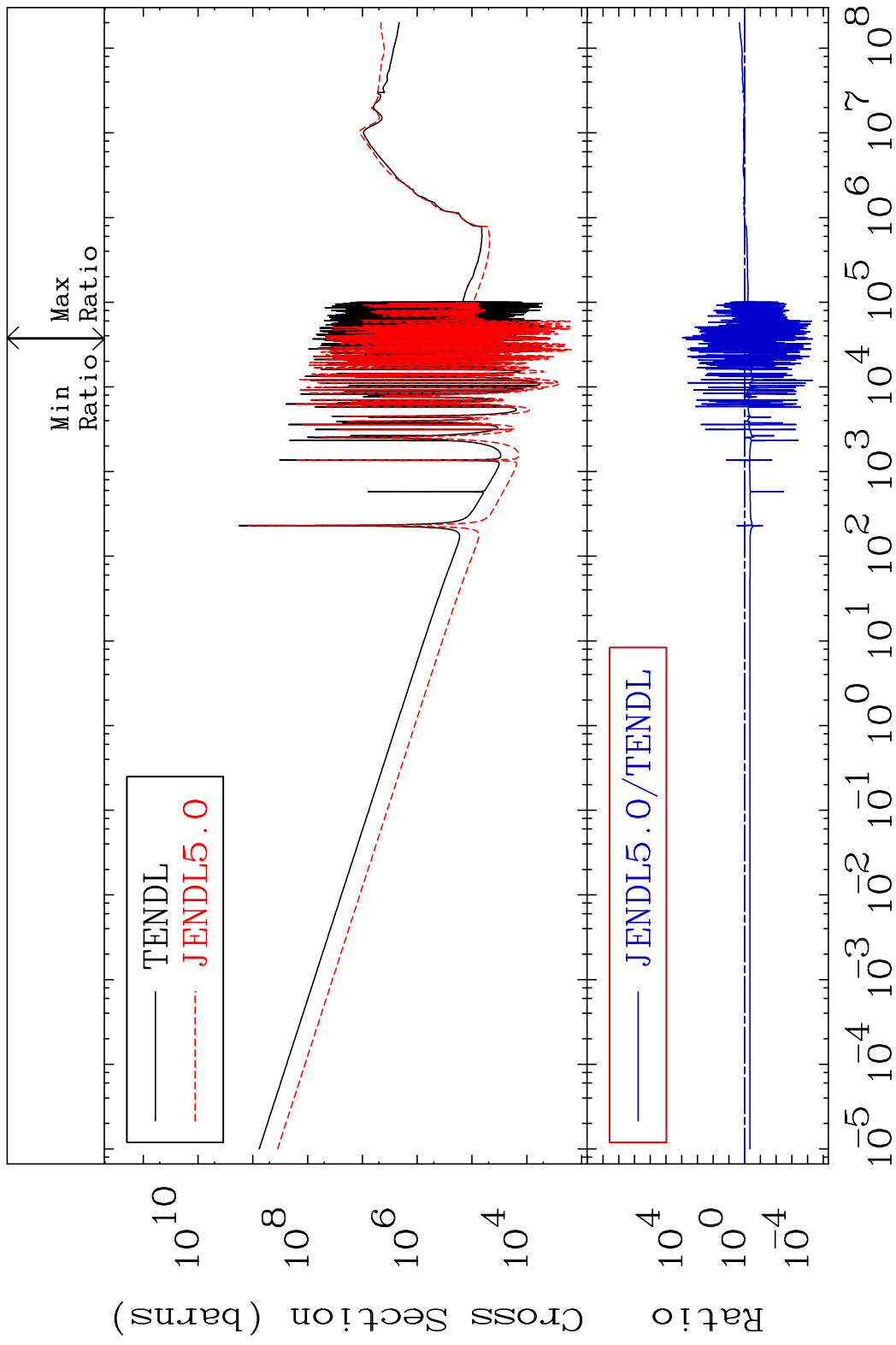
MAT 2931 Kerma fission (mt18 or mt19-20-21-38) 29-Cu-65
 Cross Section -100.0 To 9999. %



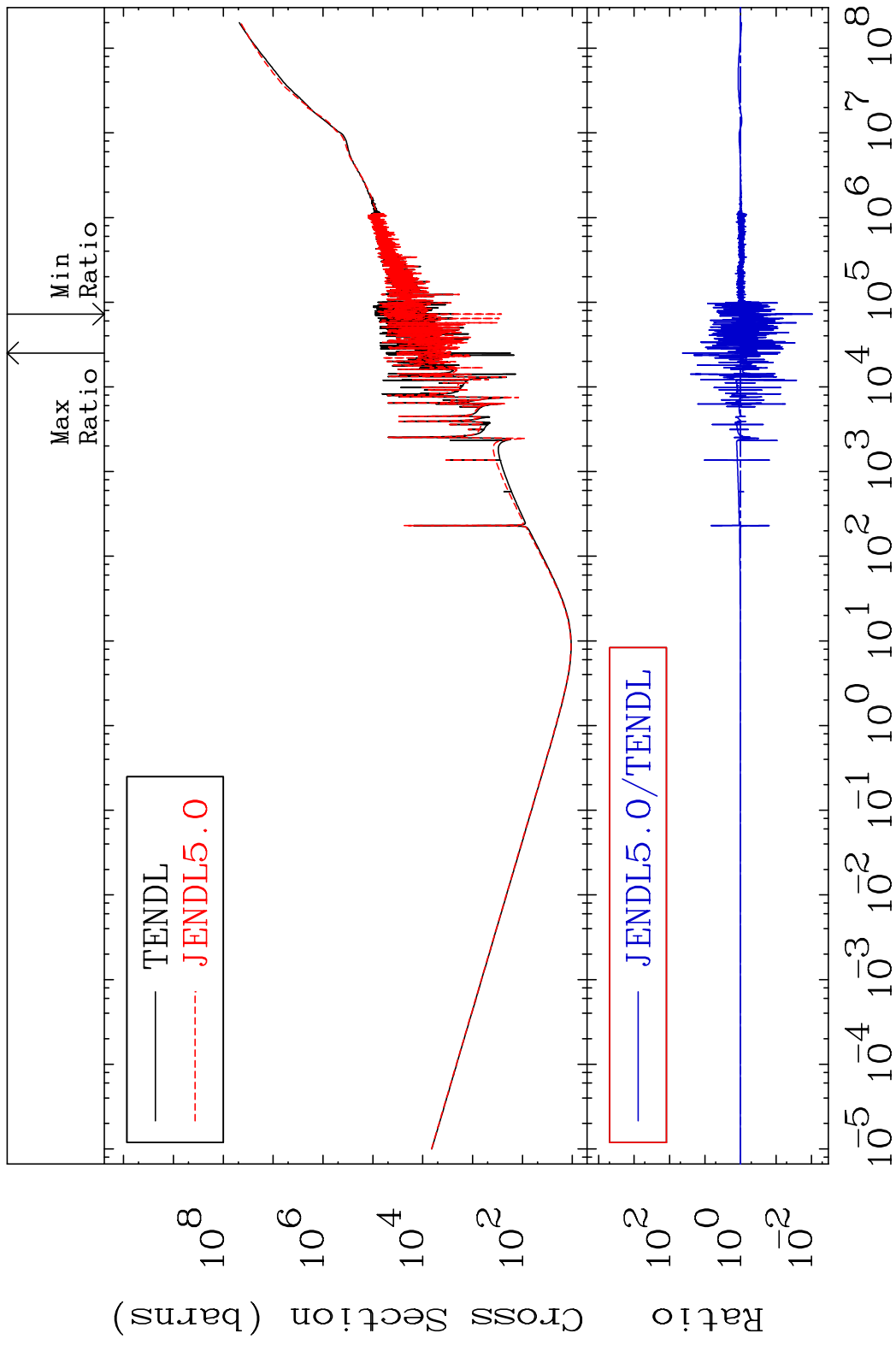
MAT 2931 Kerma capture (mt102) 29-Cu-65
 Cross Section -100.0 To 9999. %



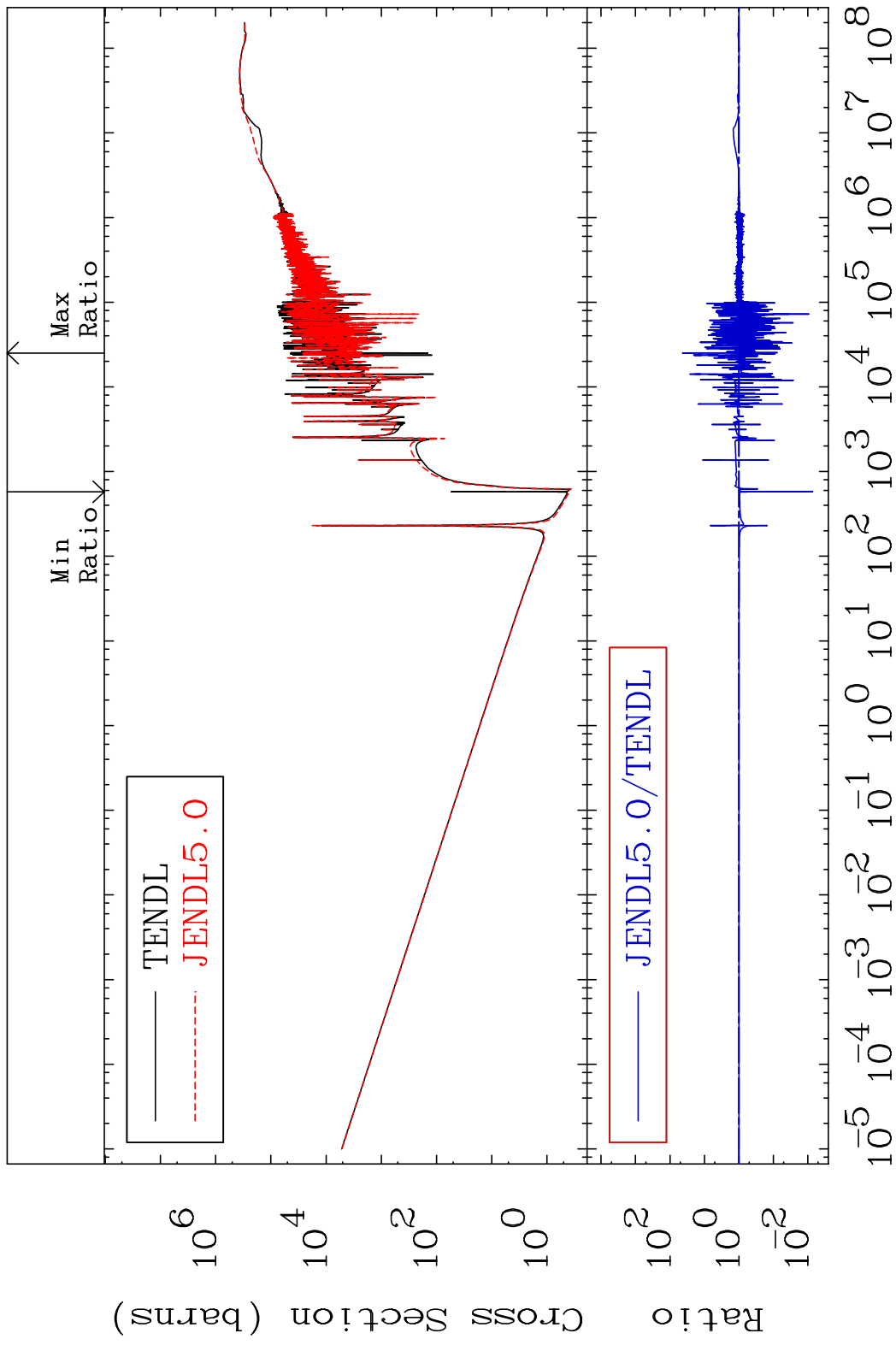
MAT 2931 Total photon (eV-barns) 29-Cu-65
 Cross Section -100.0 To 9999. %



MAT 2931 Total kinematic kerma (high limit) 29-Cu-65
 Cross Section -99.07 To 4272. %



MAT 2931 Dpa total (eV-barns) 29-Cu-65
 Cross Section -99.27 To 4273. %

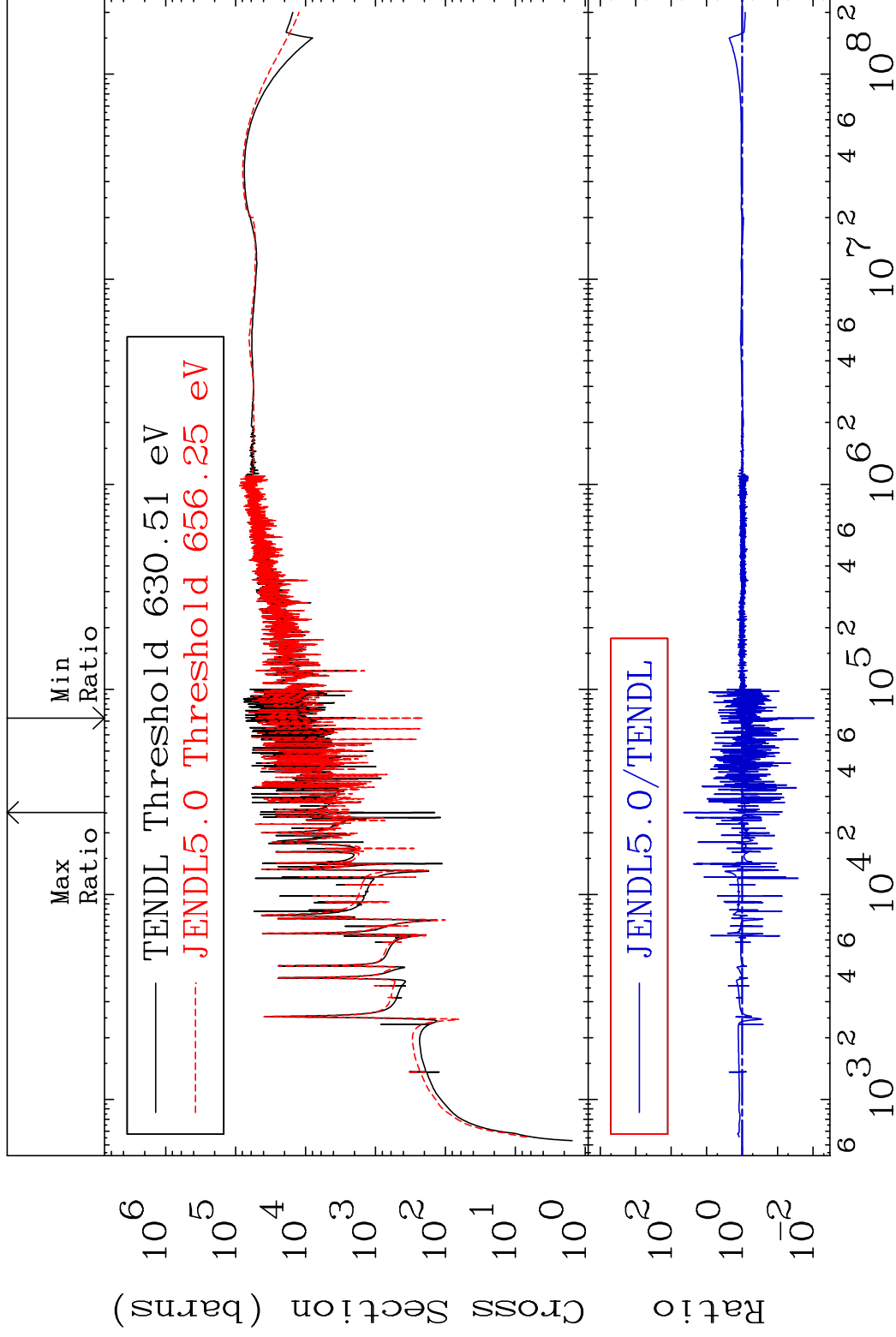


MAT 2931

Dpa elastic (mt2)

29-Cu-65

Cross Section -99.07 To 4349. %

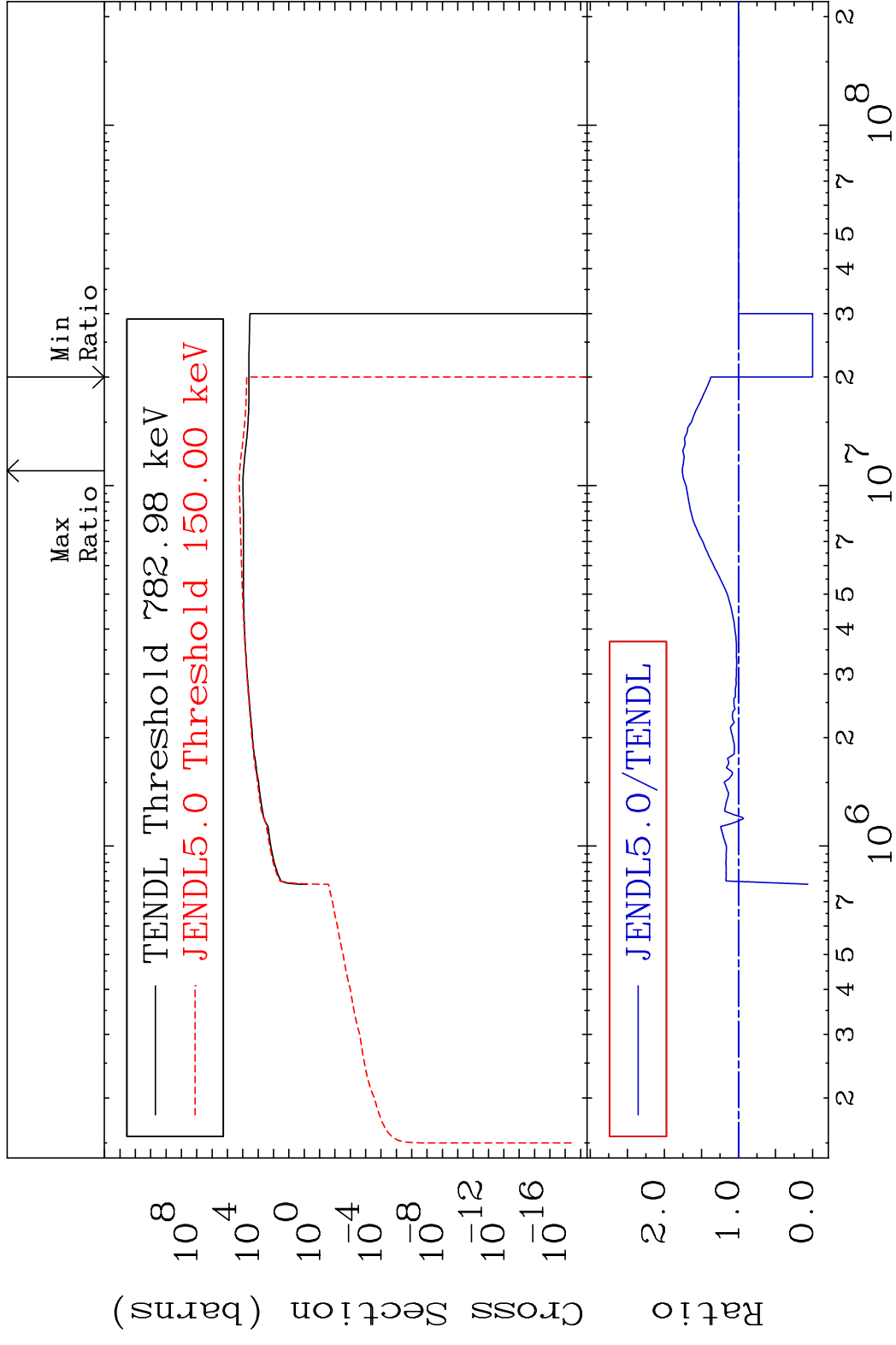


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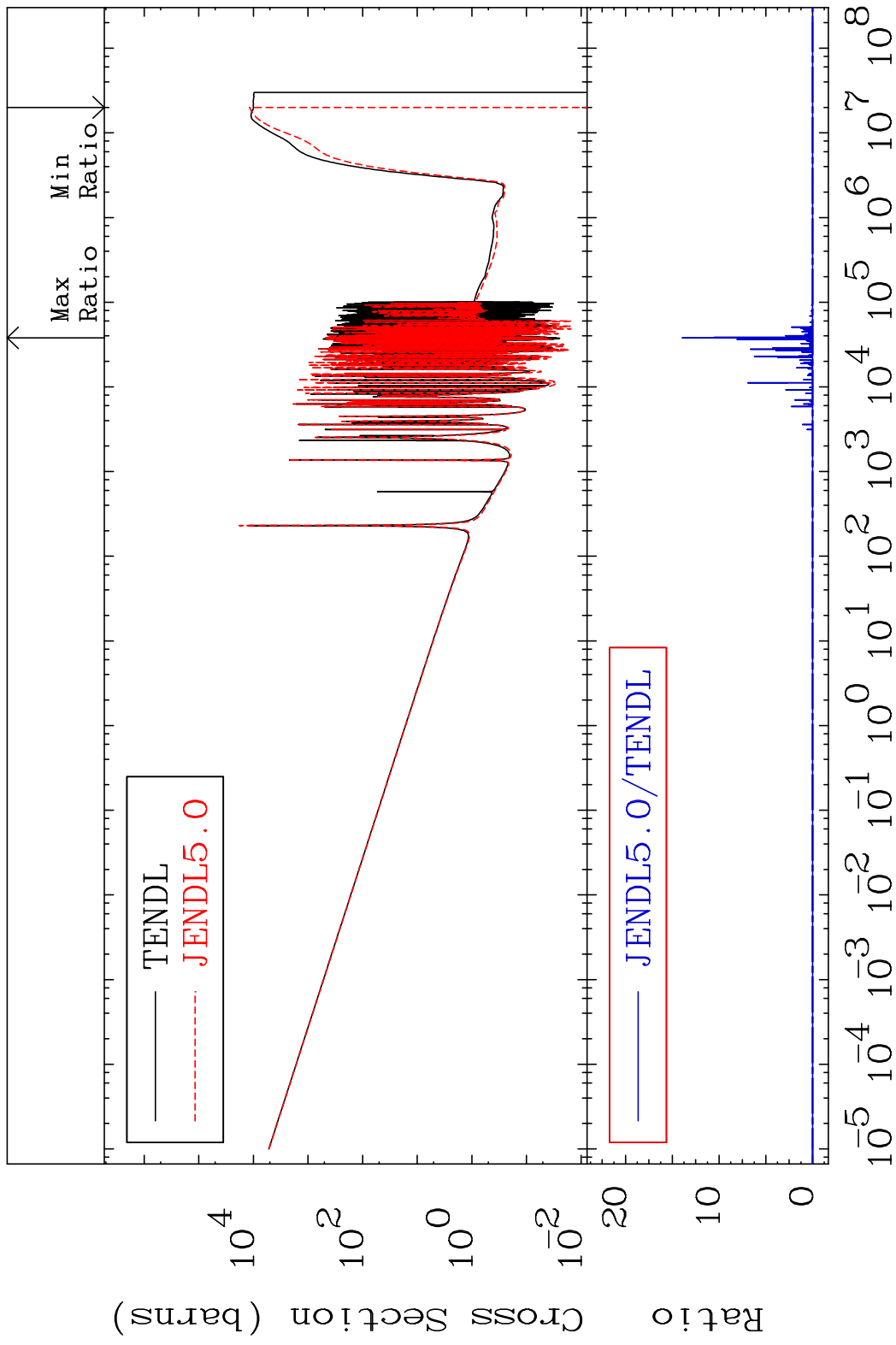
Incident Energy (eV)

29-Cu-65

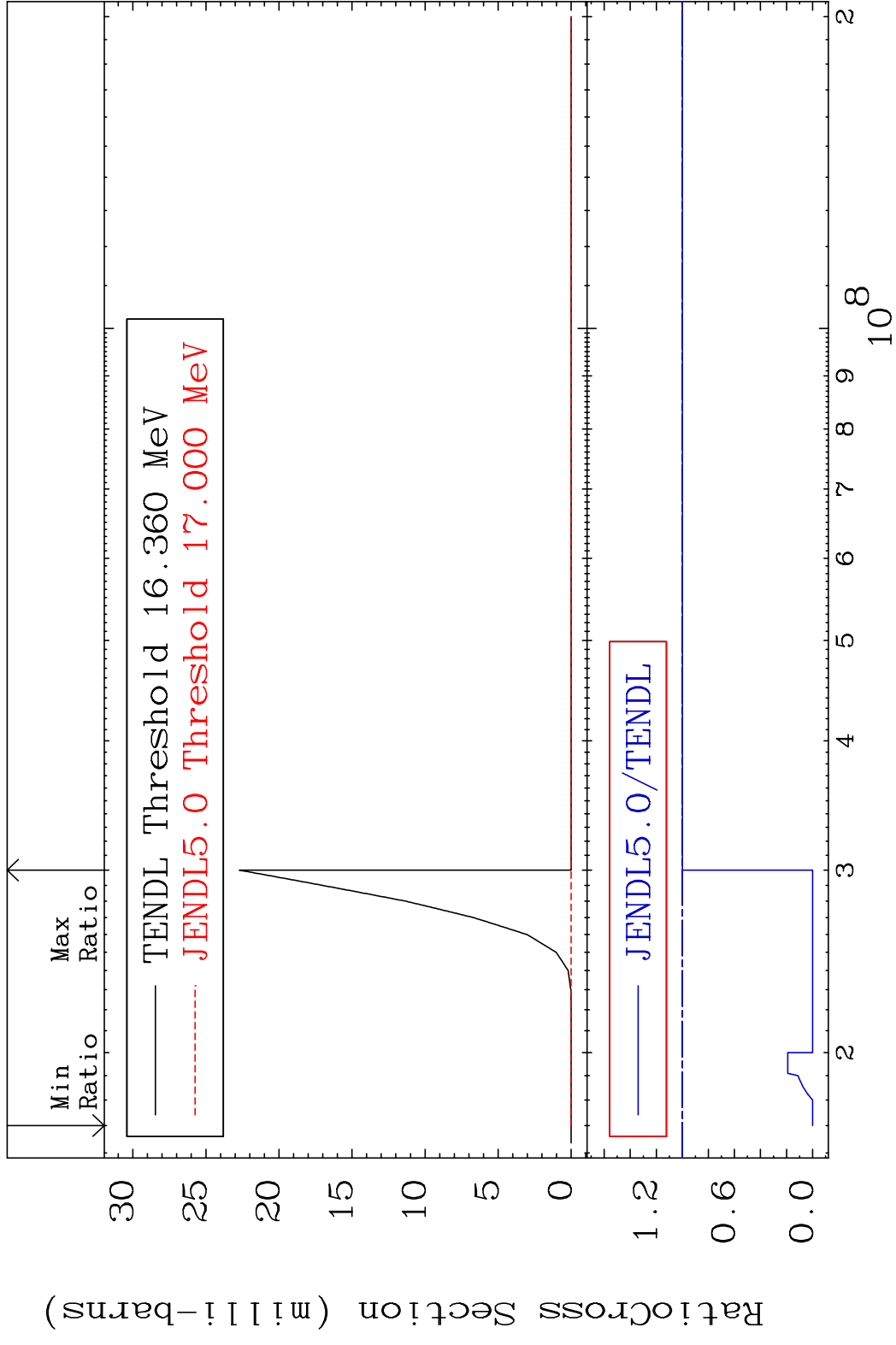
MAT 2931 Dpa inelastic (mt51-91) 29-Cu-65
 Cross Section -100.0 To 75.76 %



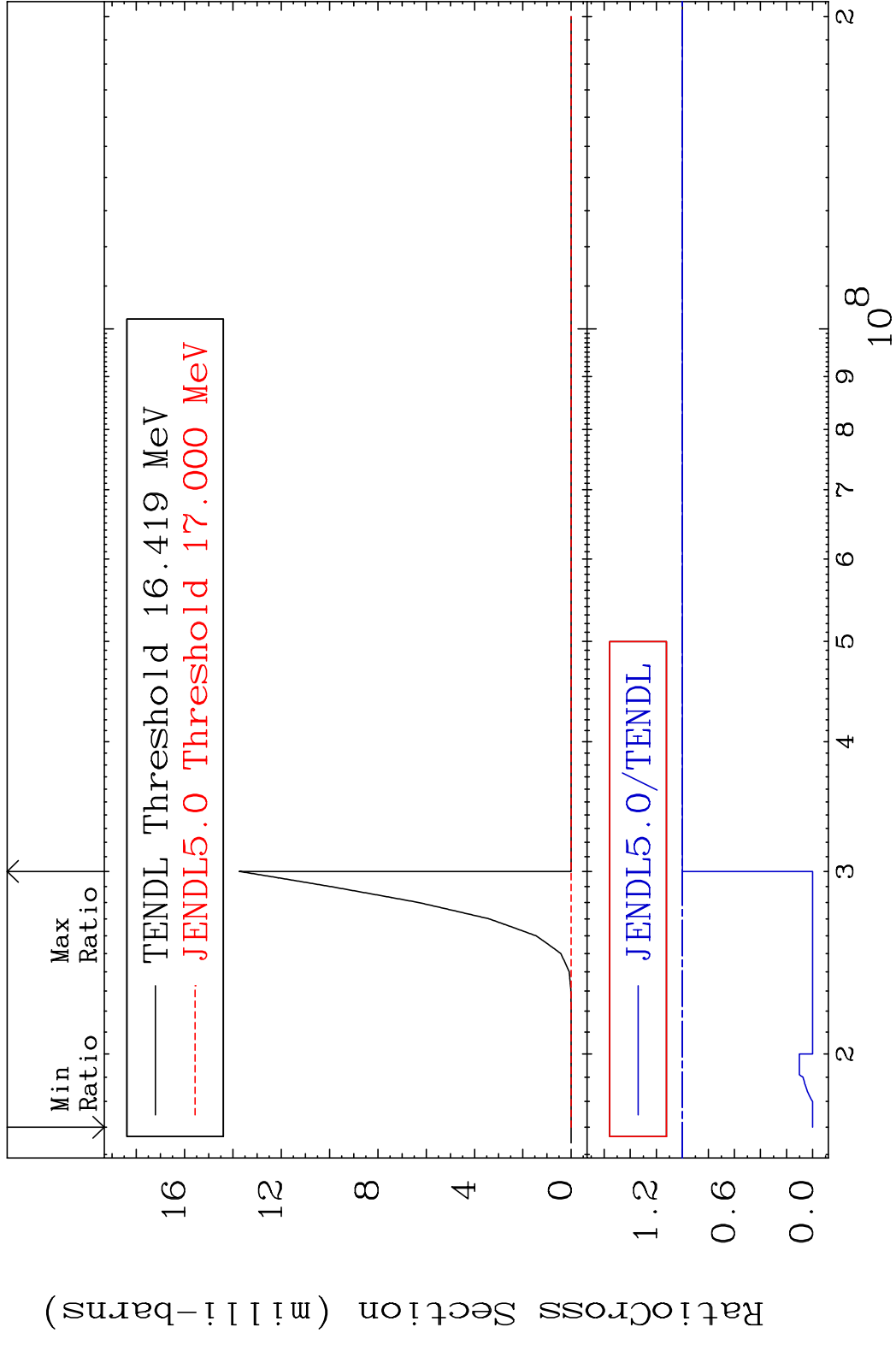
MAT 2931 Dpa disappearance (mt102 -120) 29-Cu-65
 Cross Section -100.0 To 9999. %

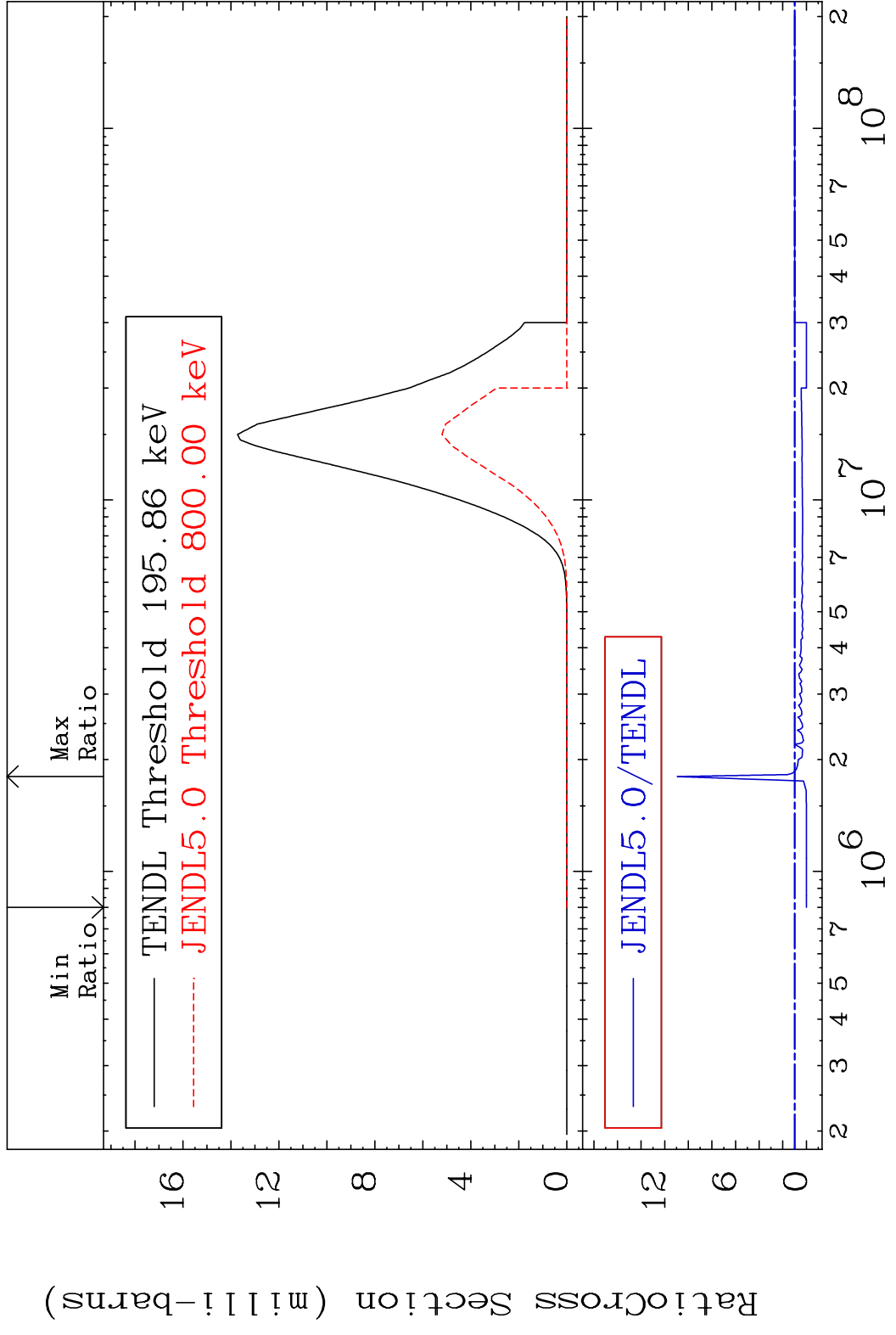


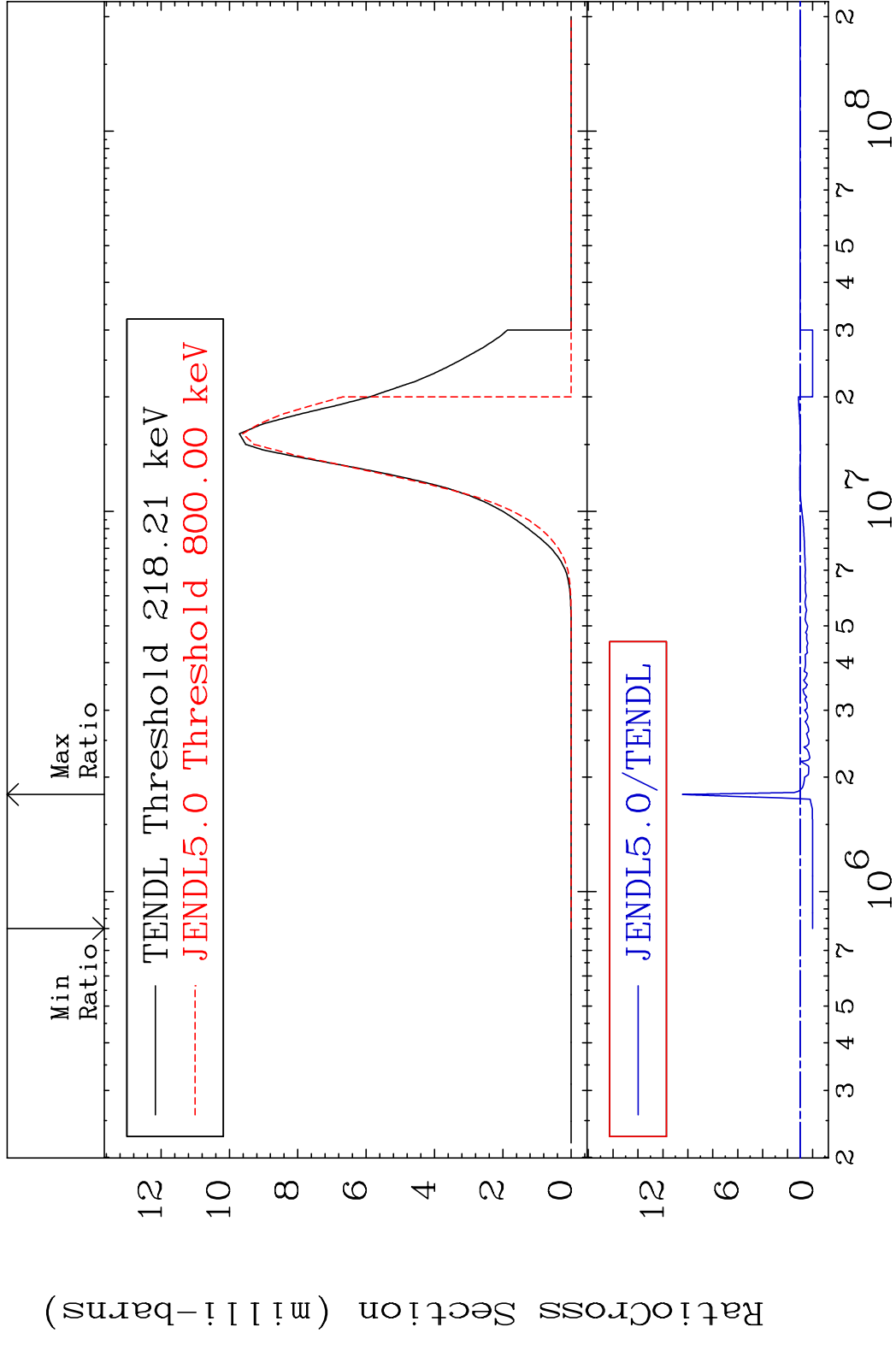
MAT 2931 (n,2n) α :27-Co-60g 29-Cu-65
 Radionuclide Production Cross Section Ratio 0.000 %



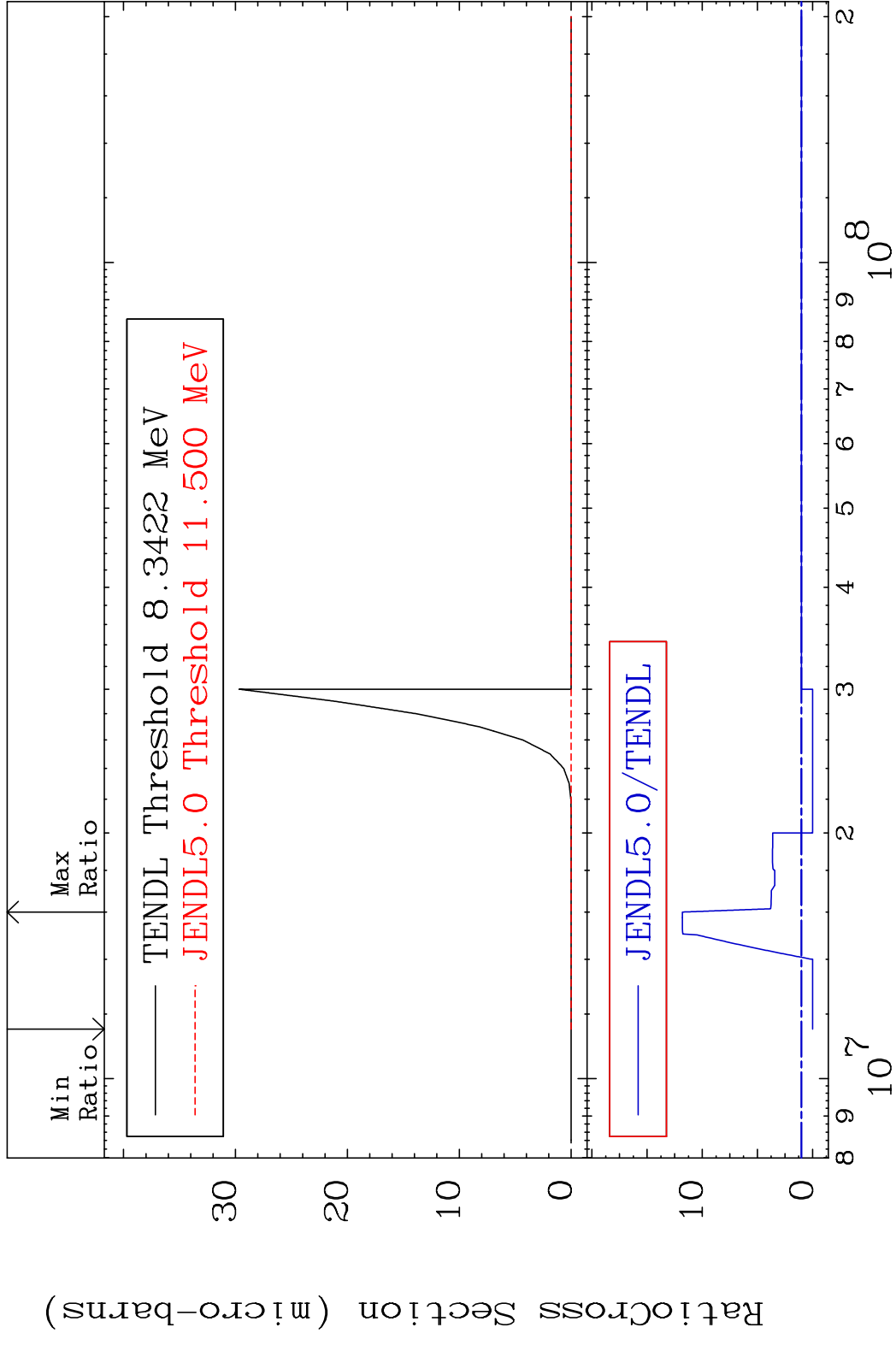
MAT 2931 (n,2n) α :27-Co-60m1 29-Cu-65
 Radionuclide Production Cross Section Ratio 0.000 %





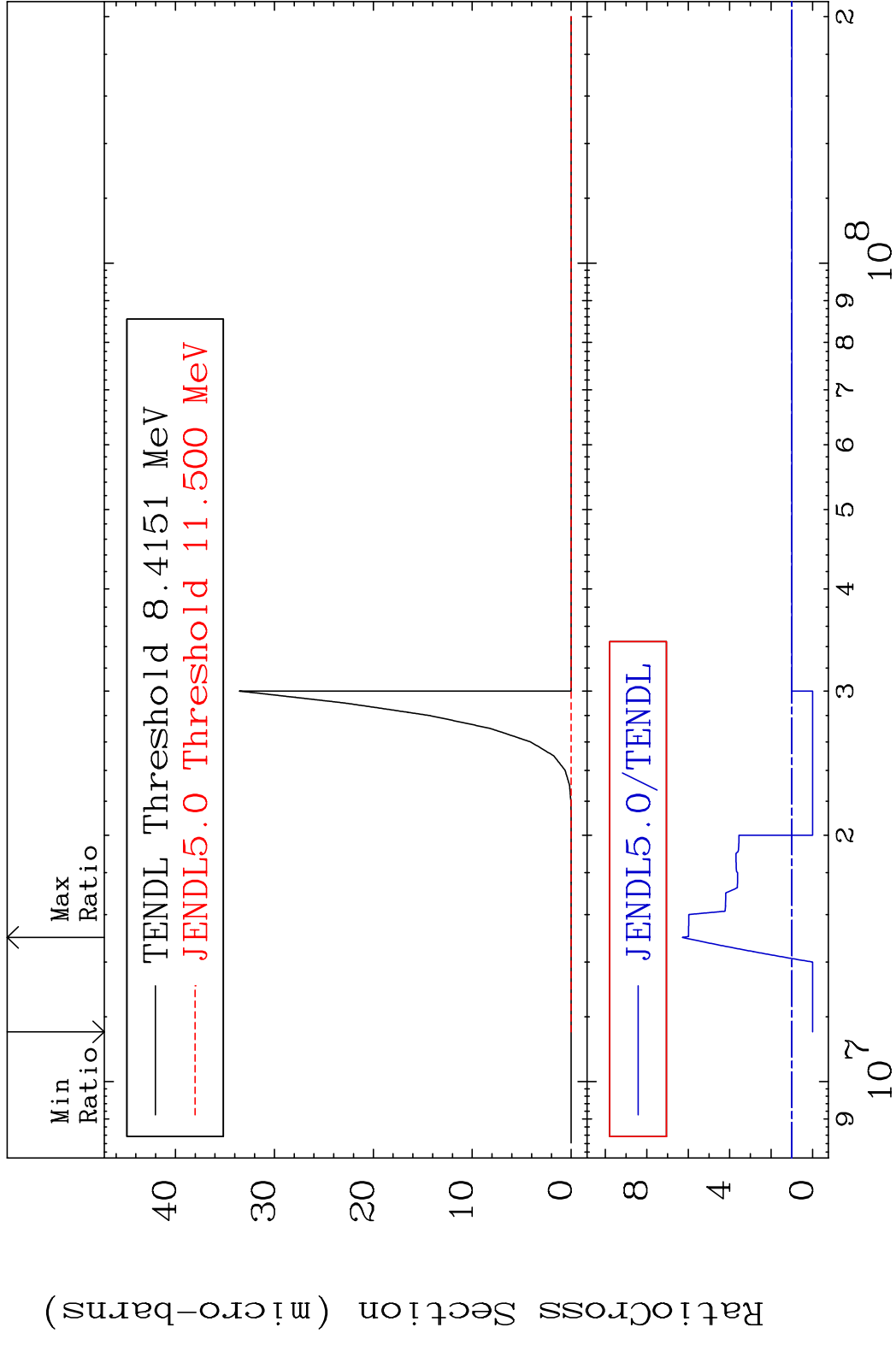


MAT 2931 (n,2α):25-Mn-58g 29-Cu-65
 Radionuclide Production Cross Section 100% 1080. %



64 Incident Energy (eV) 29-Cu-65

MAT 2931 (n,2α):25-Mn-58m1 29-Cu-65
 Radionuclide Production Cross Section 180.0 dth 528.5 %



65 29-Cu-65