

Program Complot
(Version 2021-1)

by

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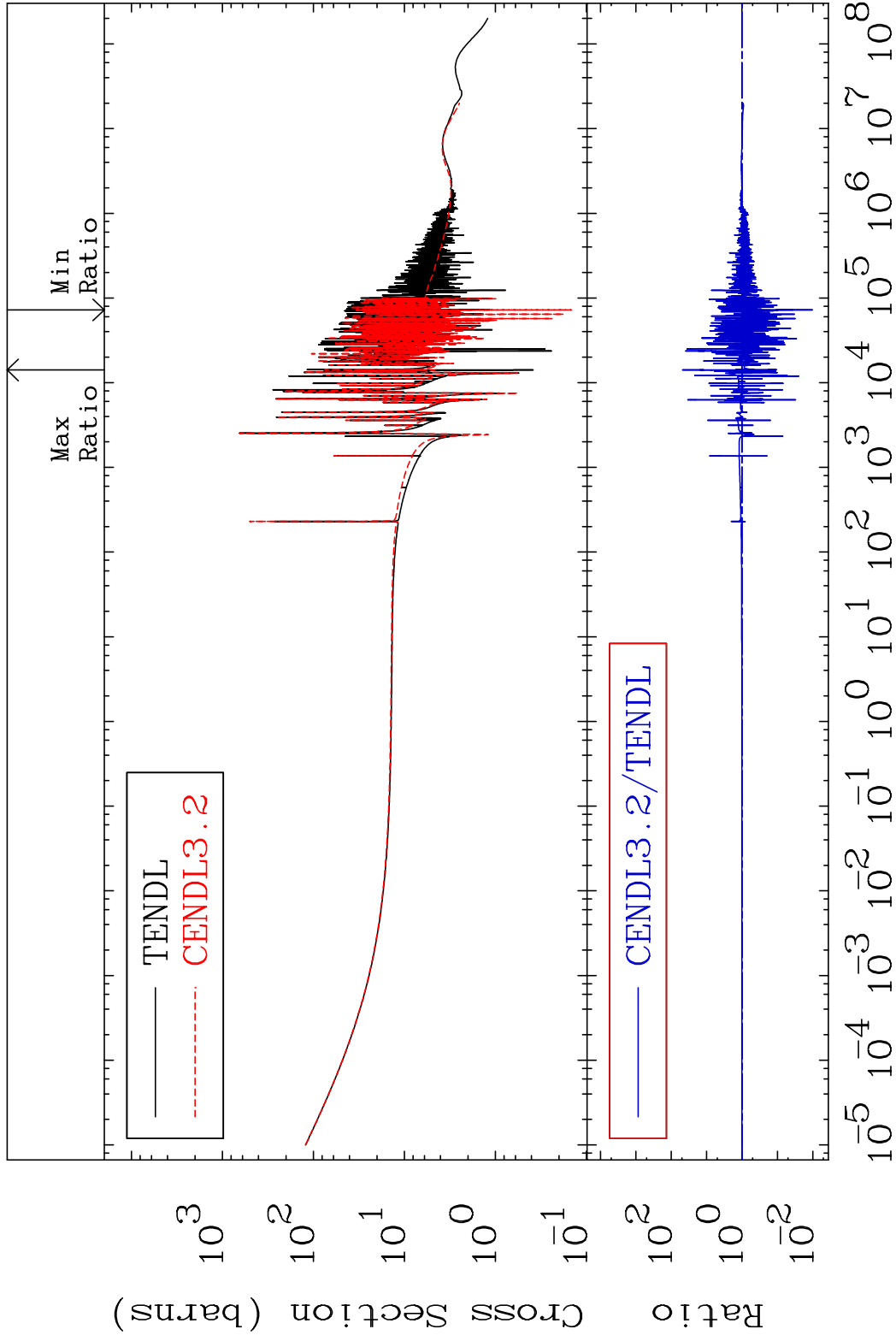
Press Mouse Button to Start

MAT 2931

Total

29-Cu-65

Cross Section -98.99 To 4755. %



1

Incident Energy (eV)

29-Cu-65

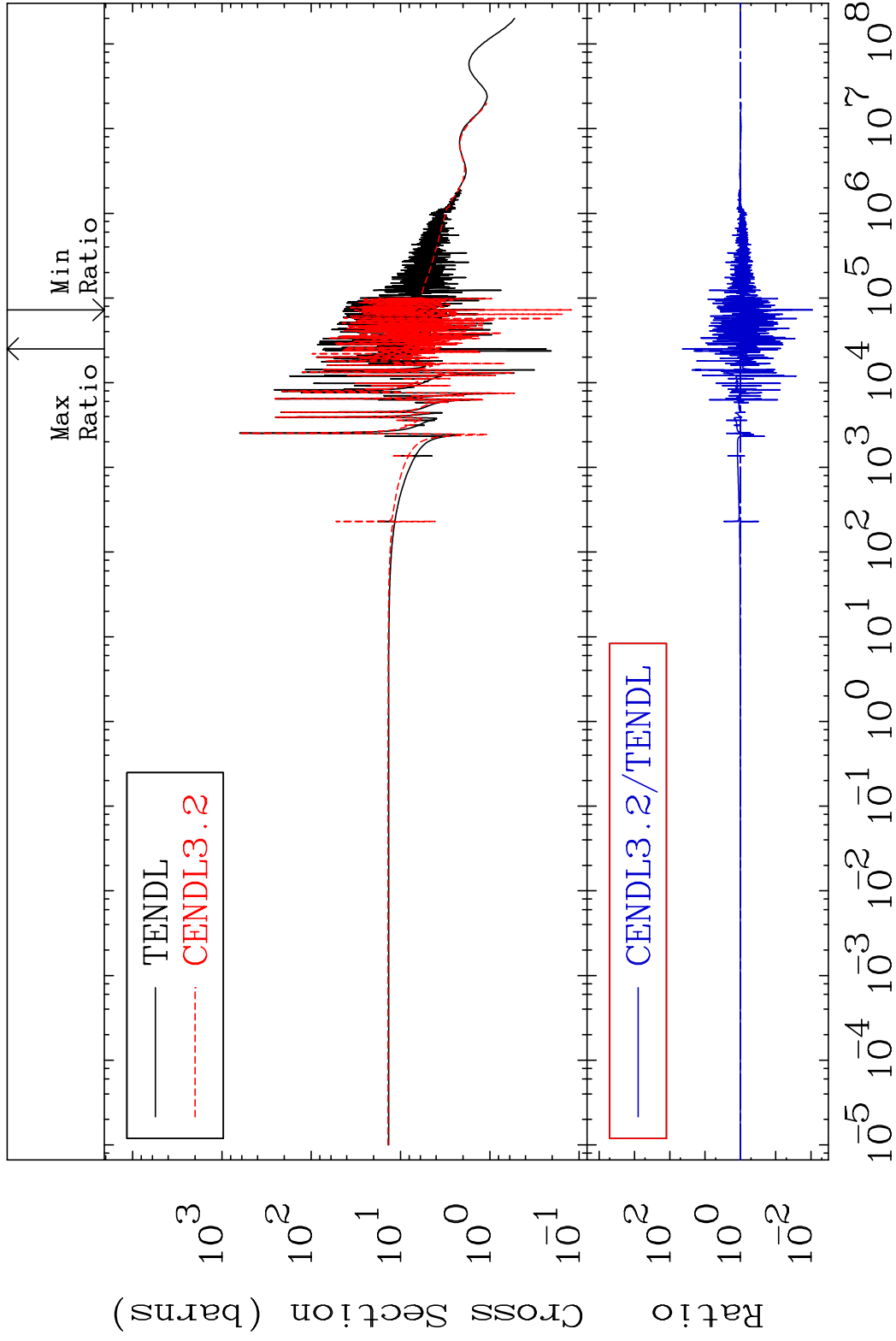
MAT 2931

Elastic

29-Cu-65

Cross Section

-99.09 To 4296. %

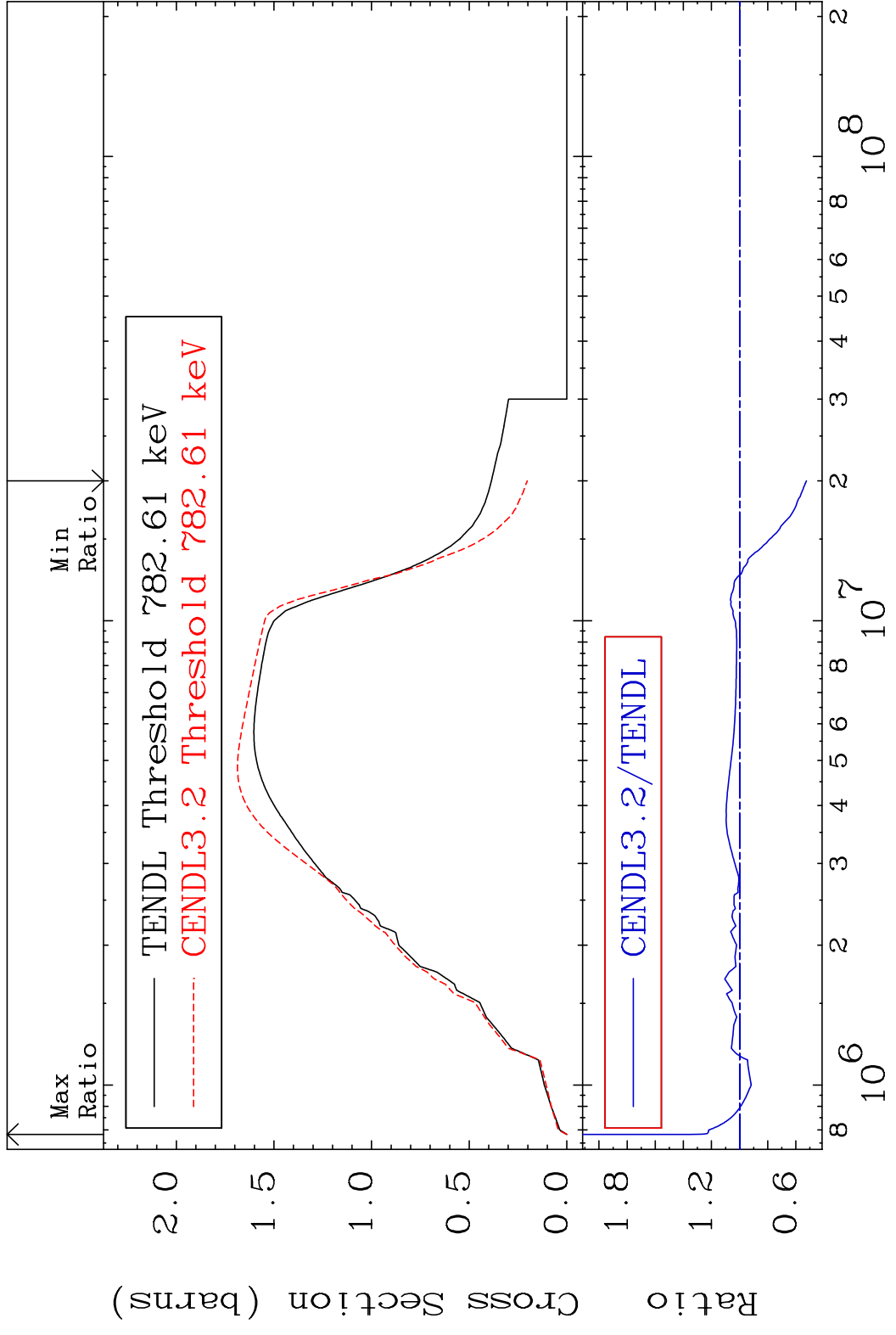


2

Incident Energy (eV)

29-Cu-65

MAT 2931 Inelastic 29-Cu-65
 Cross Section -47.49 To 44.40 %



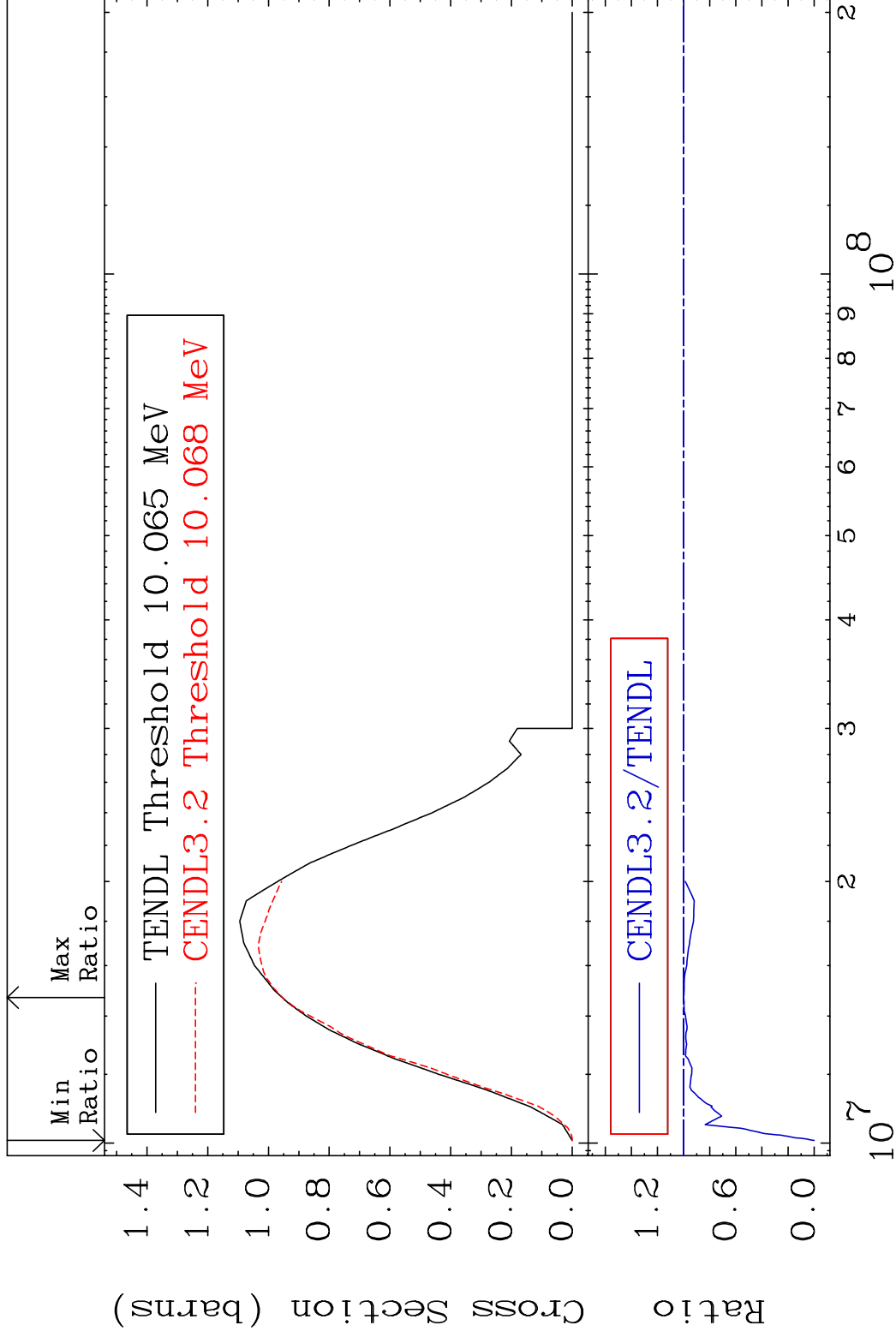
3 Incident Energy (eV) 29-Cu-65

MAT 2931

(n,2n)

29-Cu-65

Cross Section -100.0 To -0.0566%



4

Incident Energy (eV)

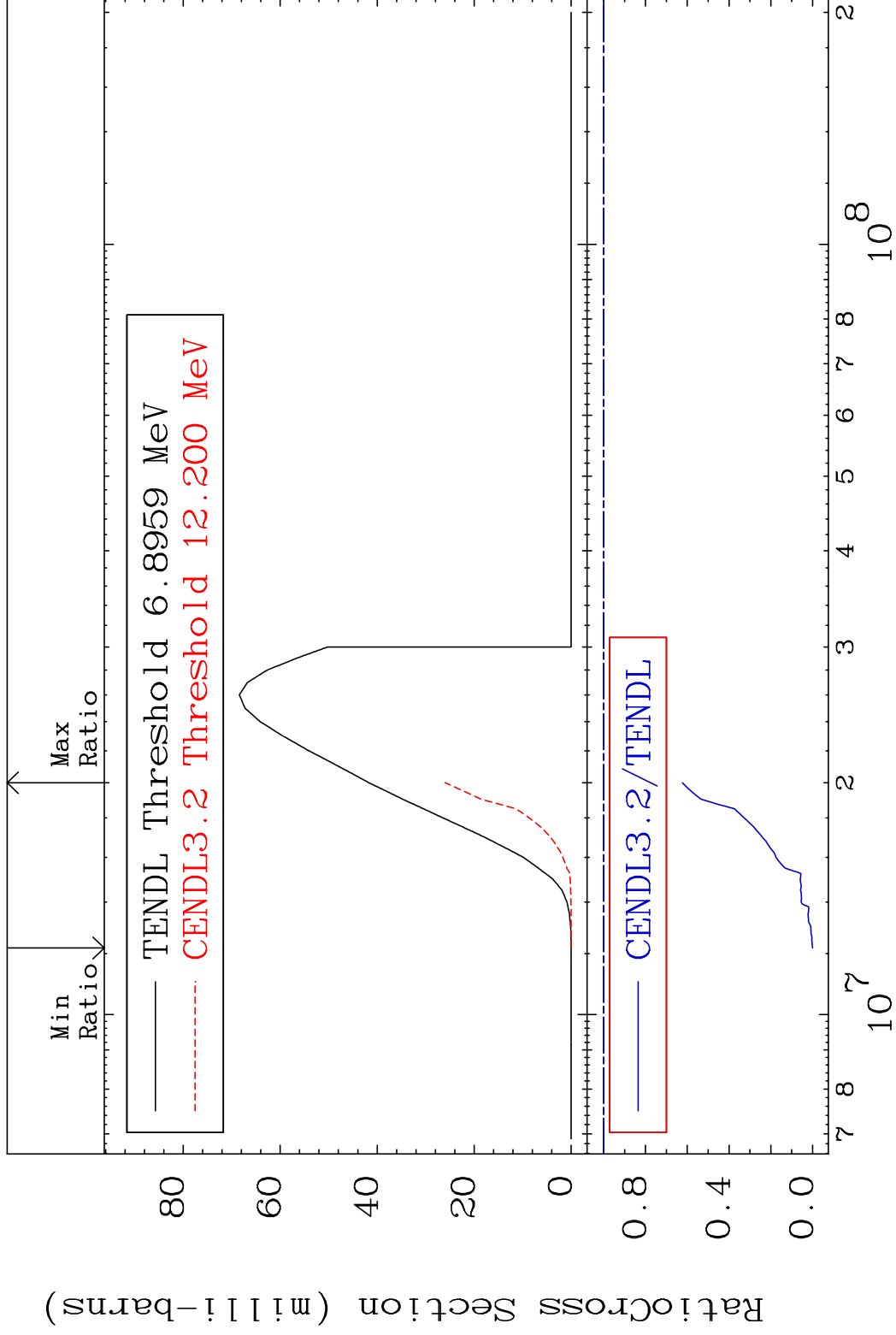
29-Cu-65

MAT 2931

(n, n') α

29-Cu-65

Cross Section -100.0 To -37.64%

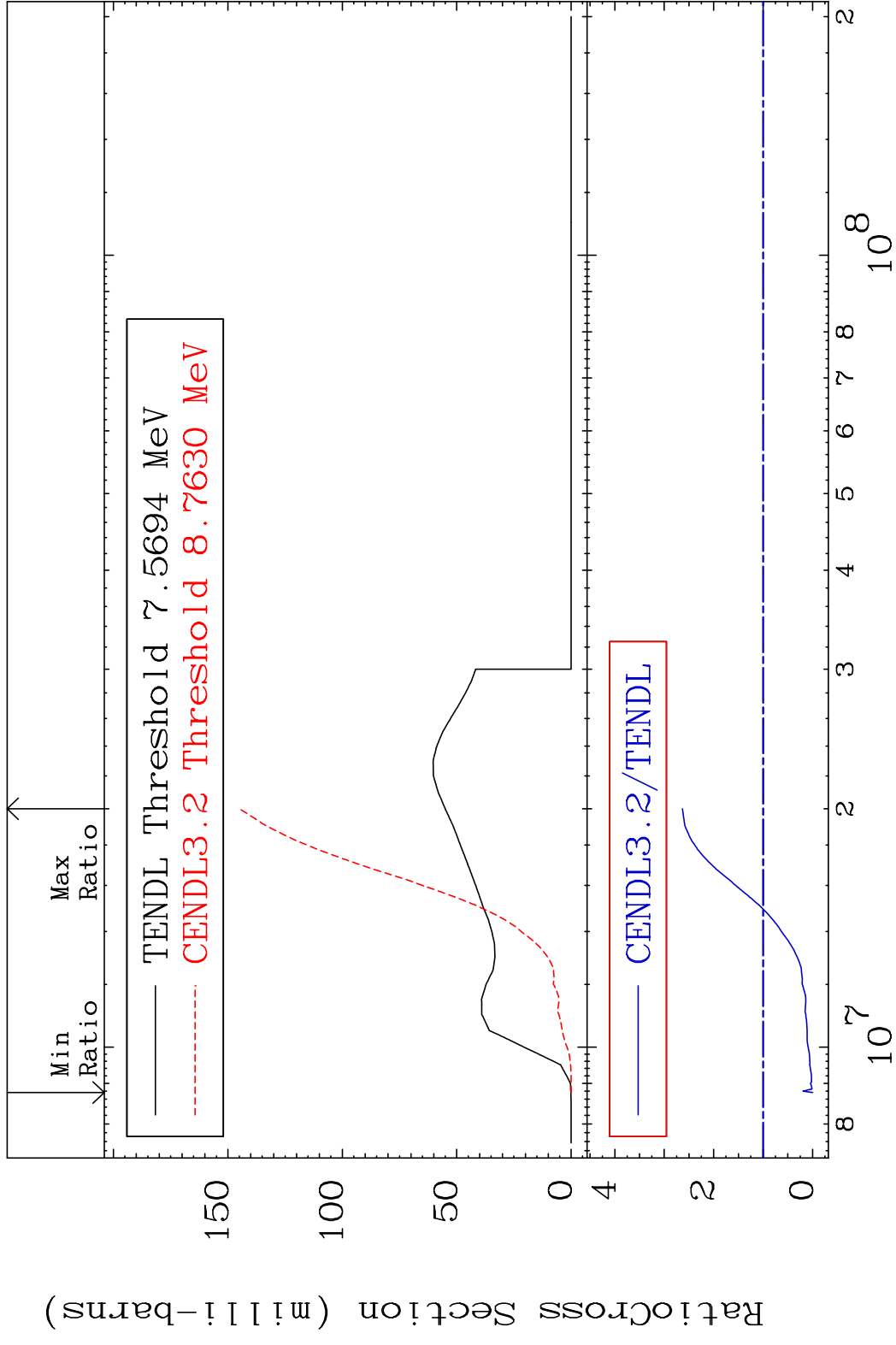


5

Incident Energy (eV)

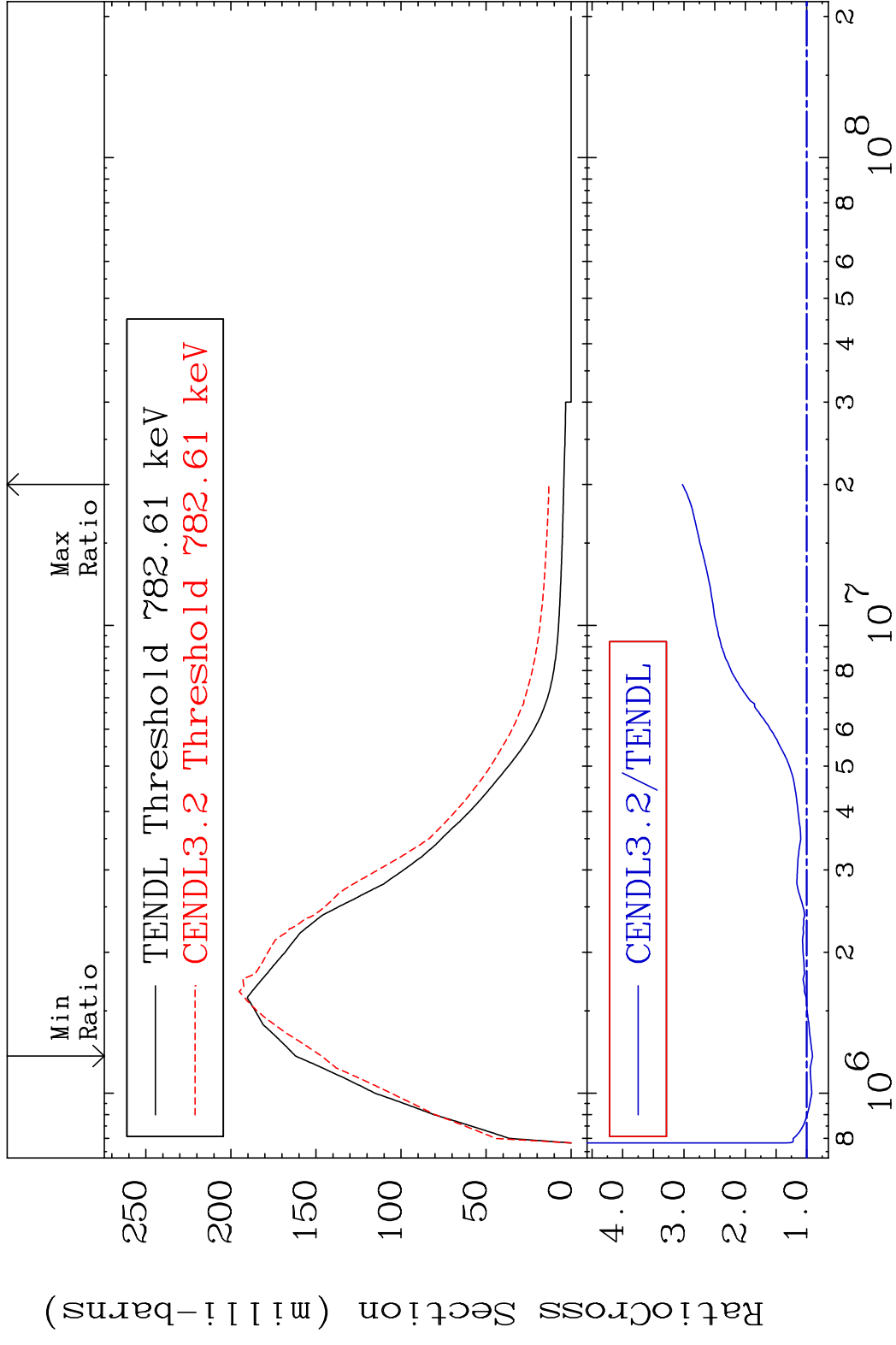
29-Cu-65

MAT 2931 (n, n') p 29-Cu-65
 Cross Section -100.0 To 163.4 %



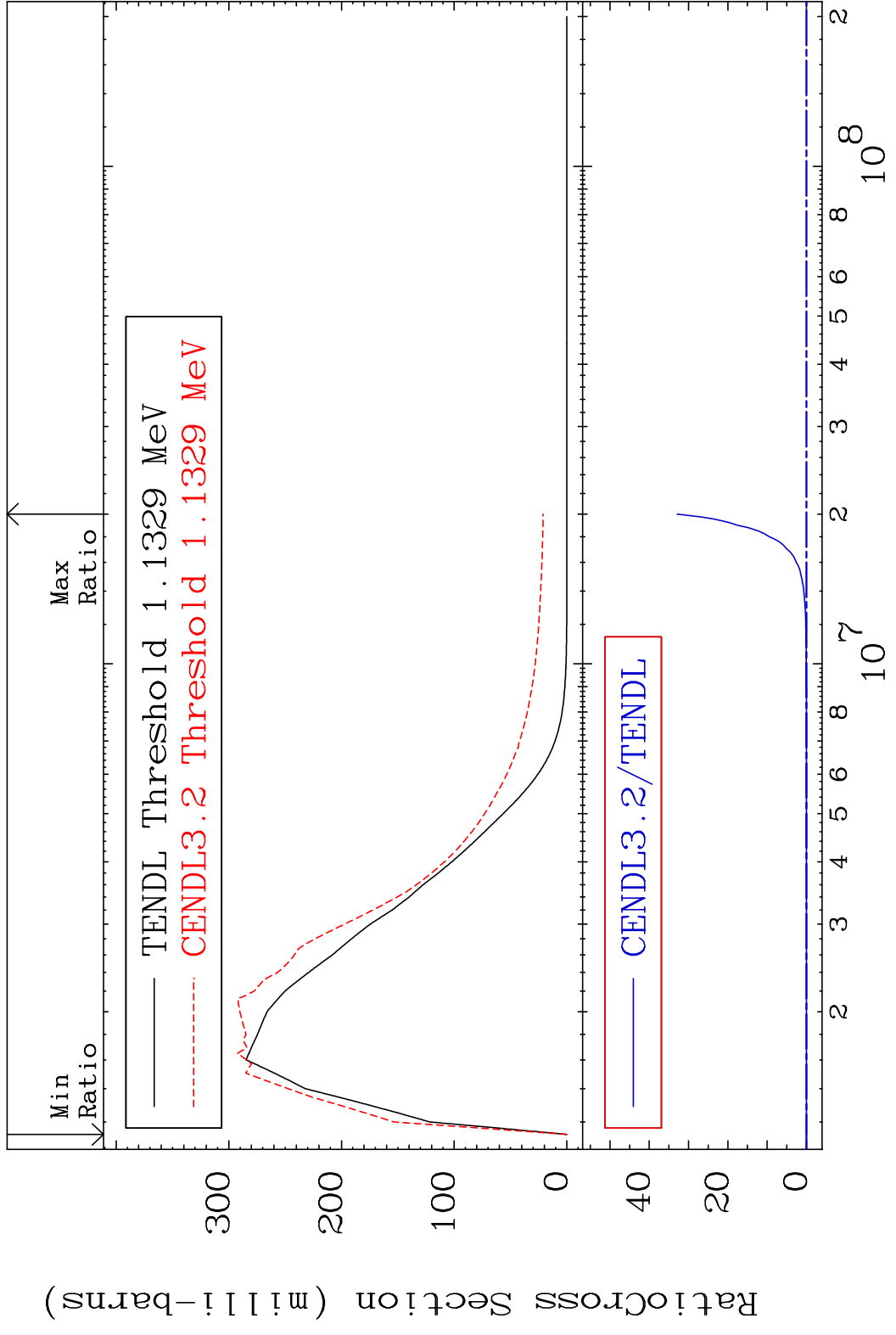
6 29-Cu-65

MAT 2931 MT= 51 (n, n') Level 29-Cu-65
 Cross Section -9.433 To 202.8 %

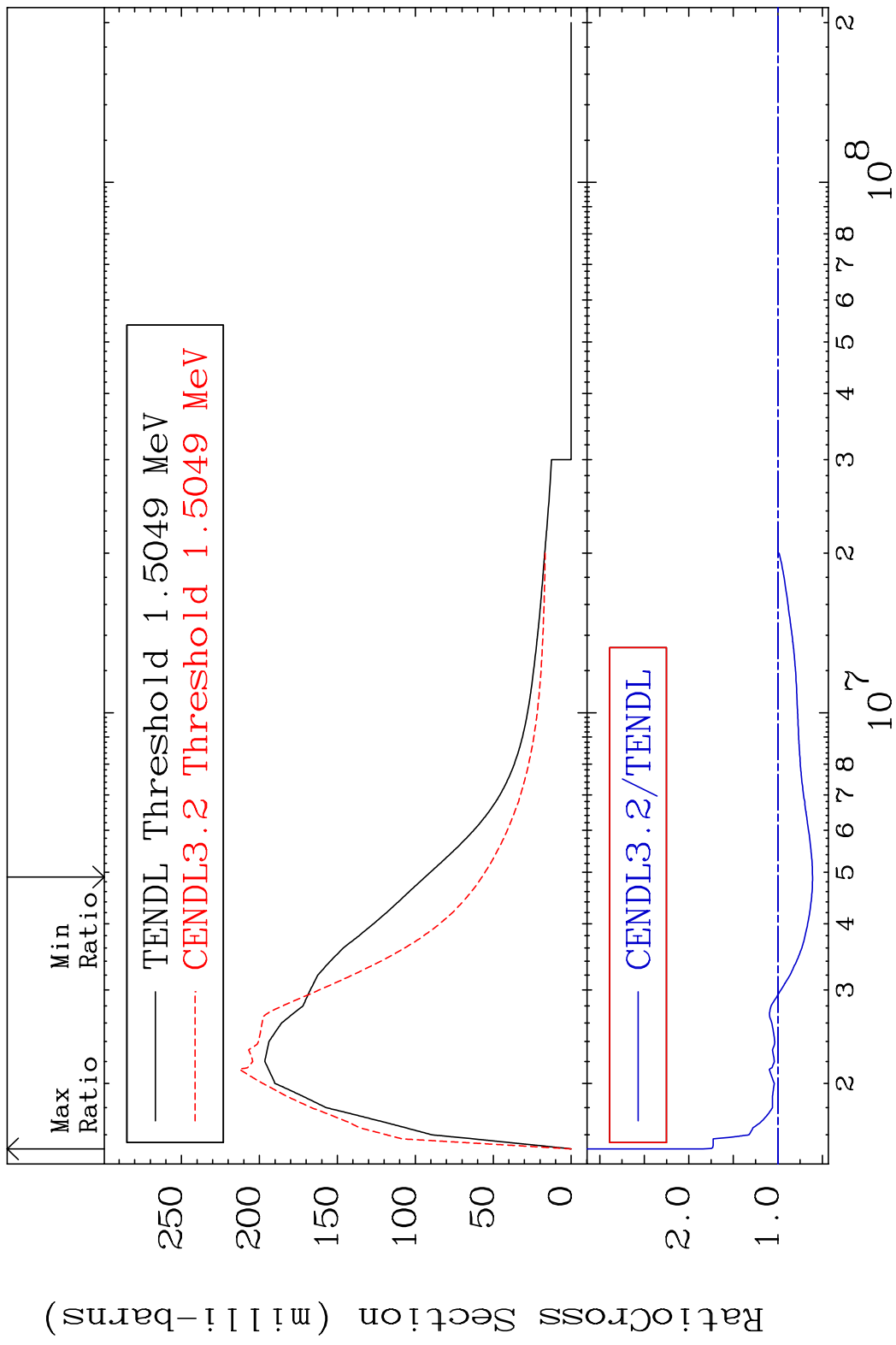


7 Incident Energy (eV) 29-Cu-65

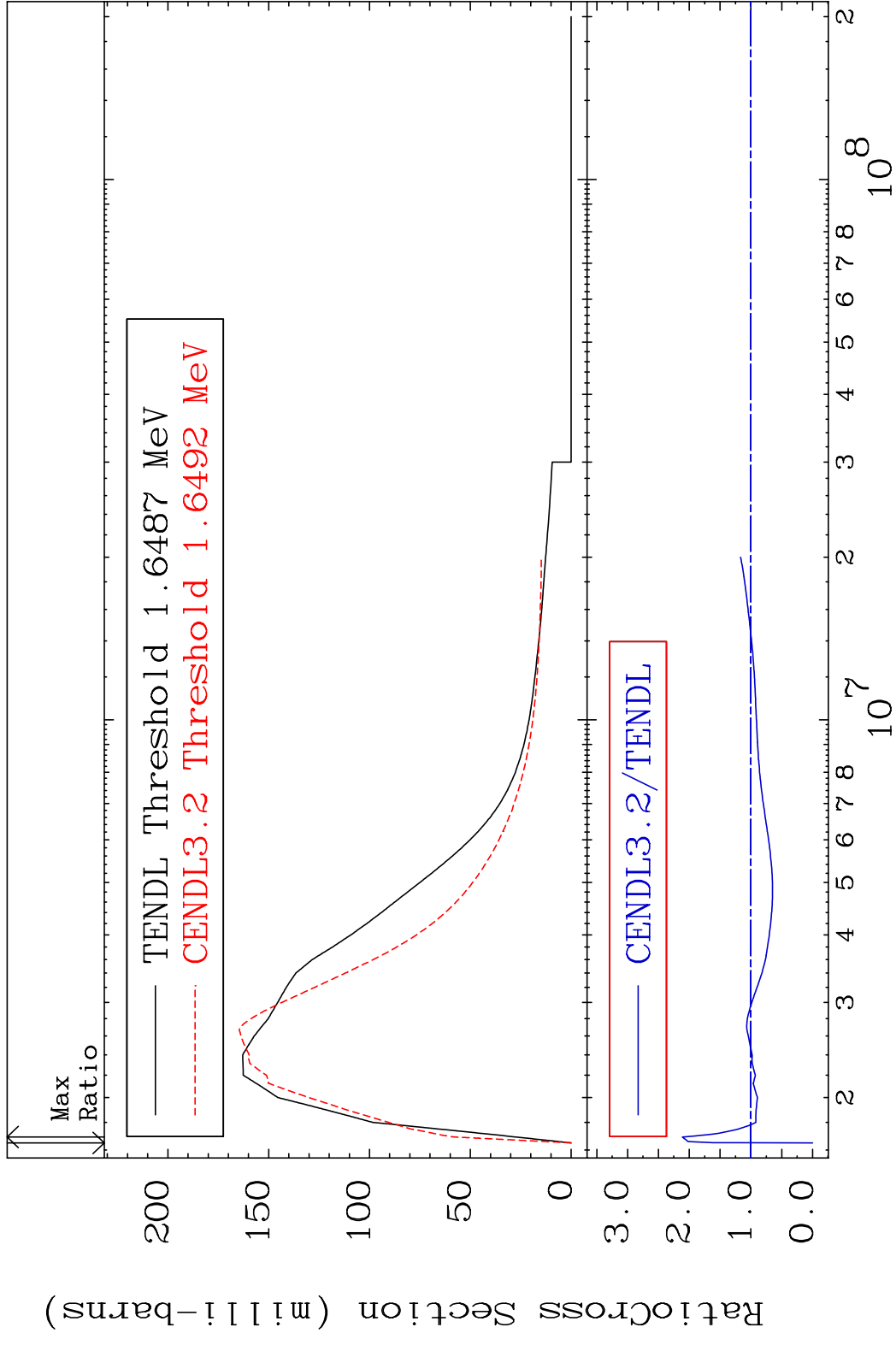
MAT 2931 MT= 52 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 9999. %



MAT 2931 MT= 53 (n, n') Level 29-Cu-65
 Cross Section -38.96 To 107.3 %

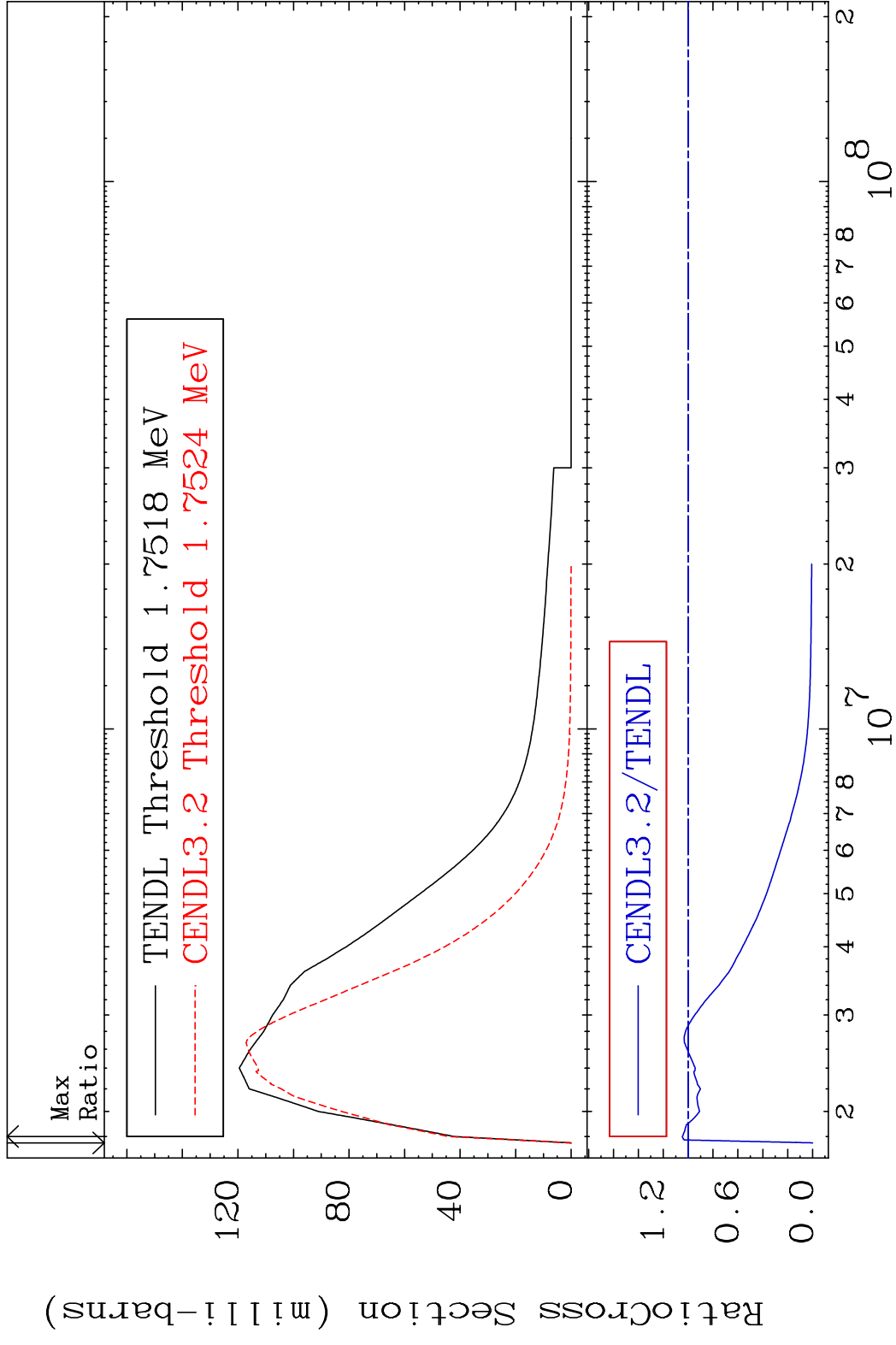


MAT 2931 MT= 54 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 111.2 %

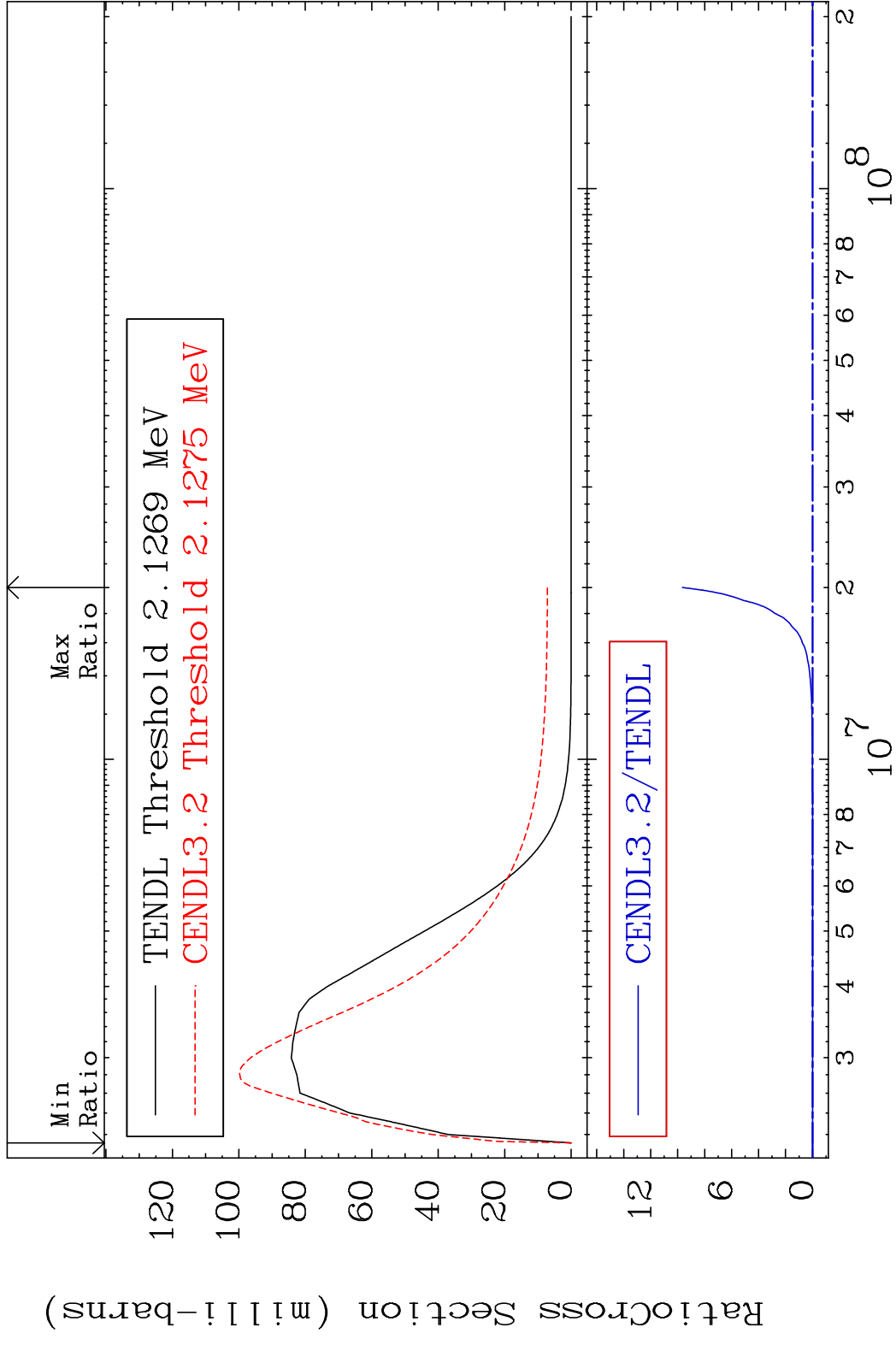


10 100 1000 10000 100000 1000000 10000000 100000000 1000000000 29-Cu-65

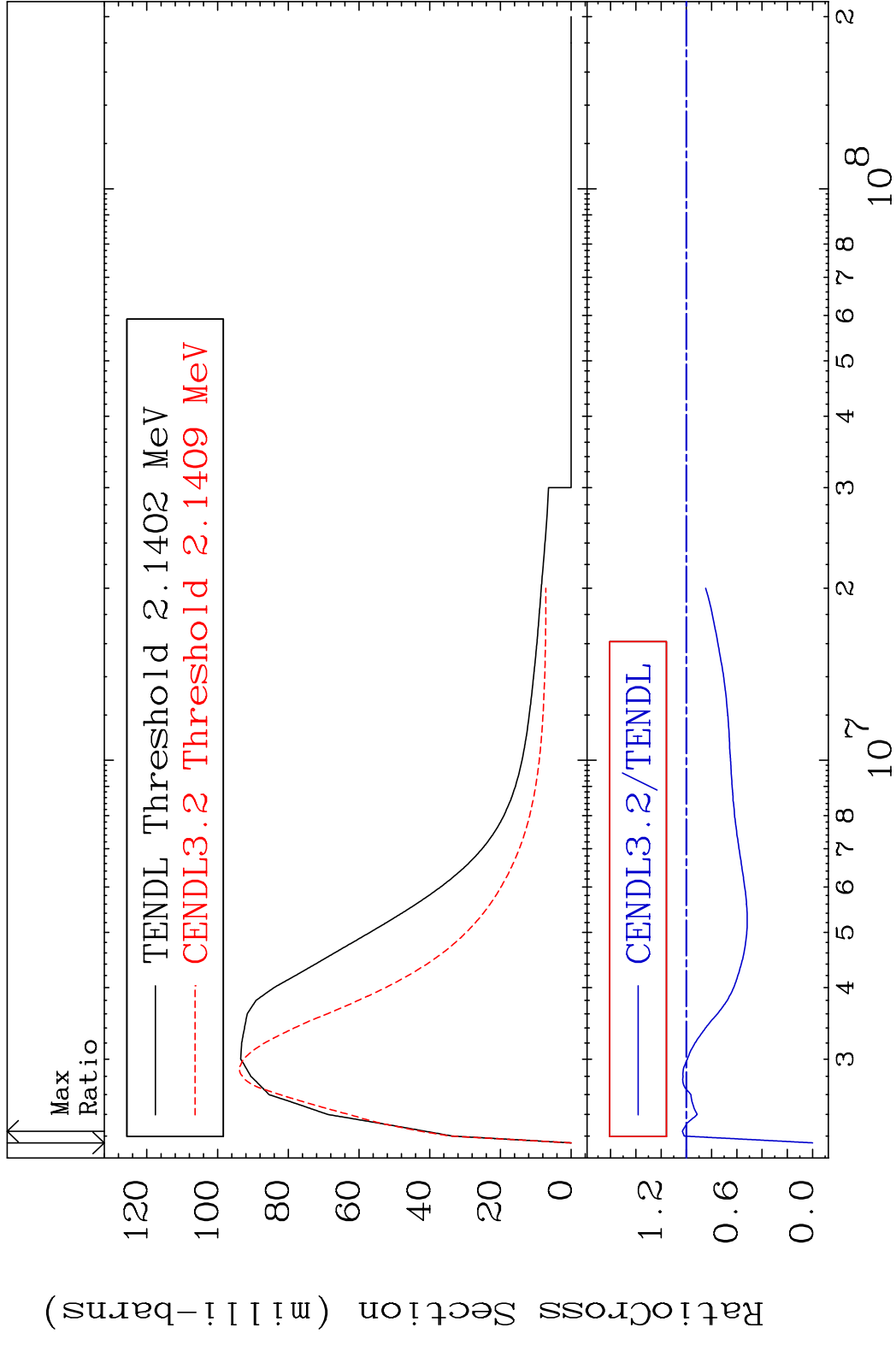
MAT 2931 MT= 55 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 4.636 %



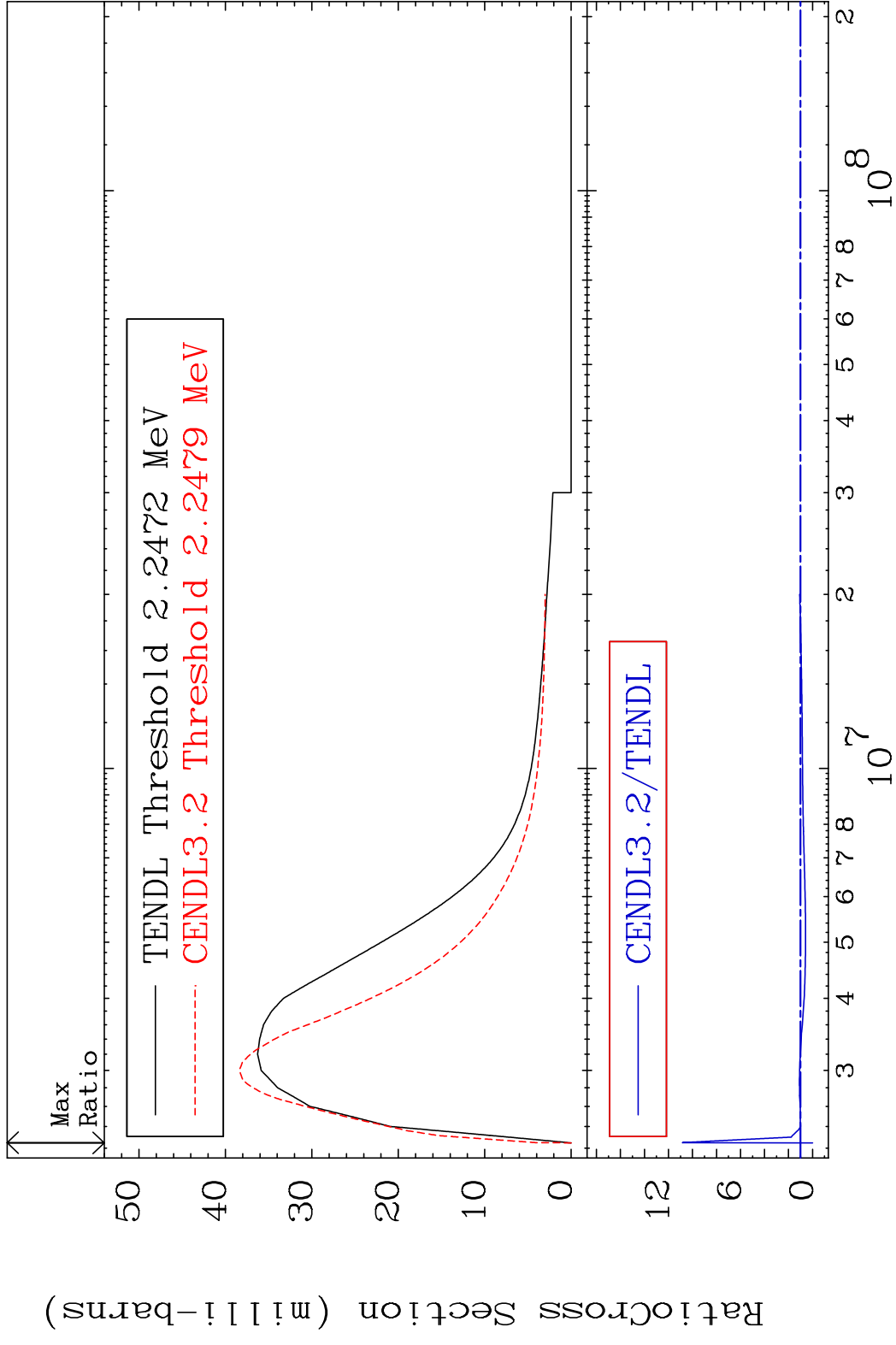
MAT 2931 MT= 56 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 9999. %



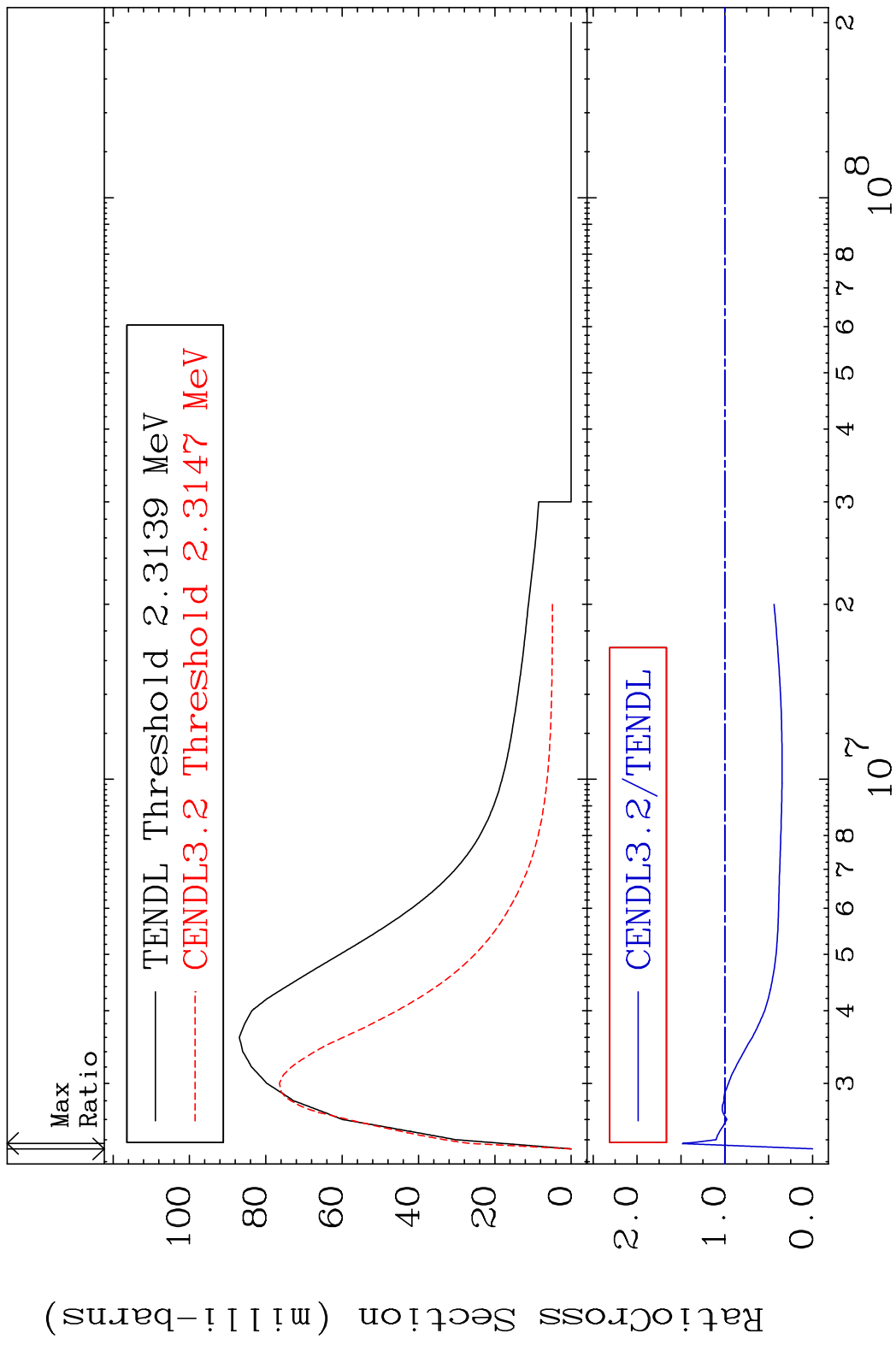
MAT 2931 MT= 57 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 3.142 %



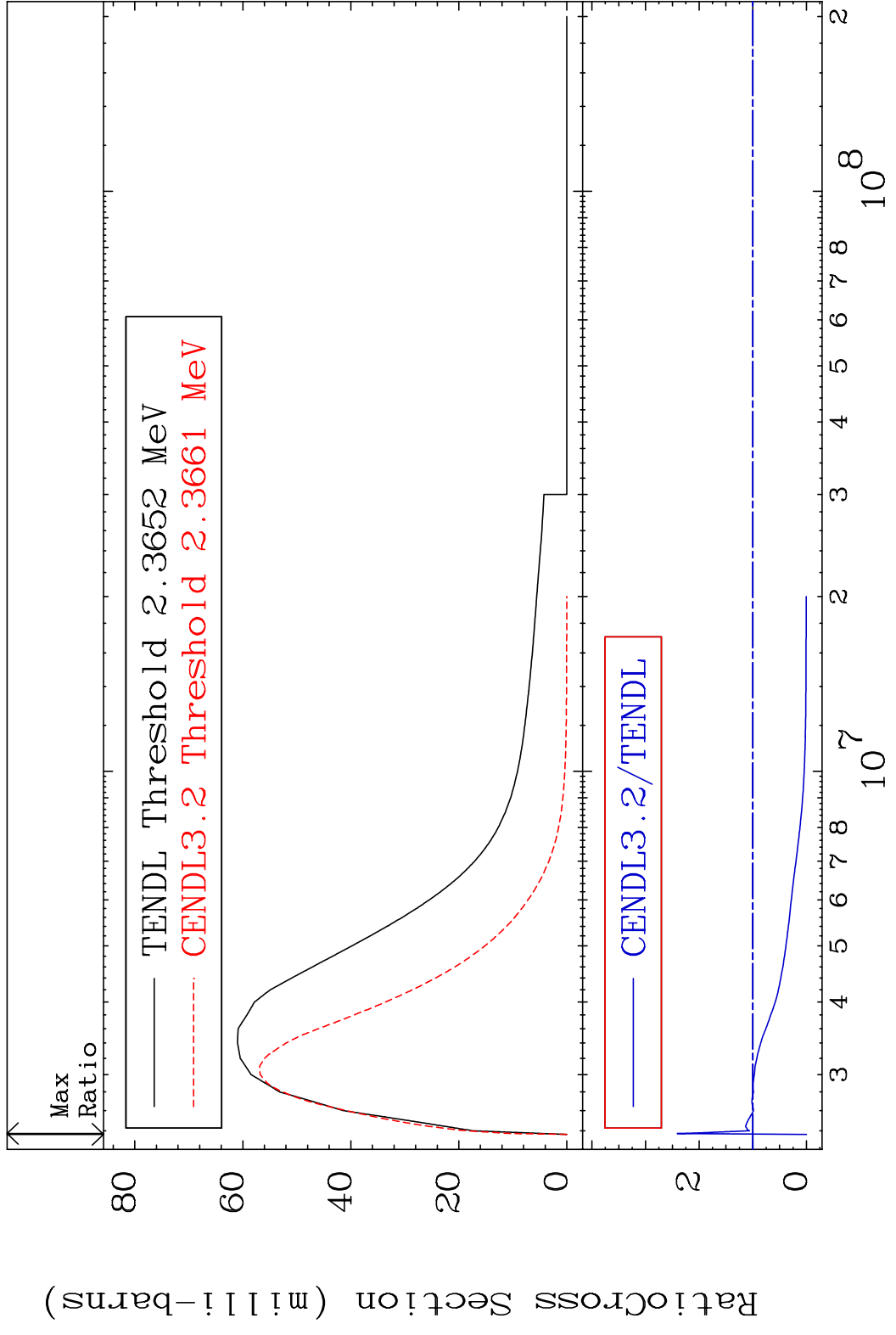
MAT 2931 MT= 58 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 984.3 %



MAT 2931 MT= 59 (n,n') Level 29-Cu-65
 Cross Section -100.0 To 48.41 %

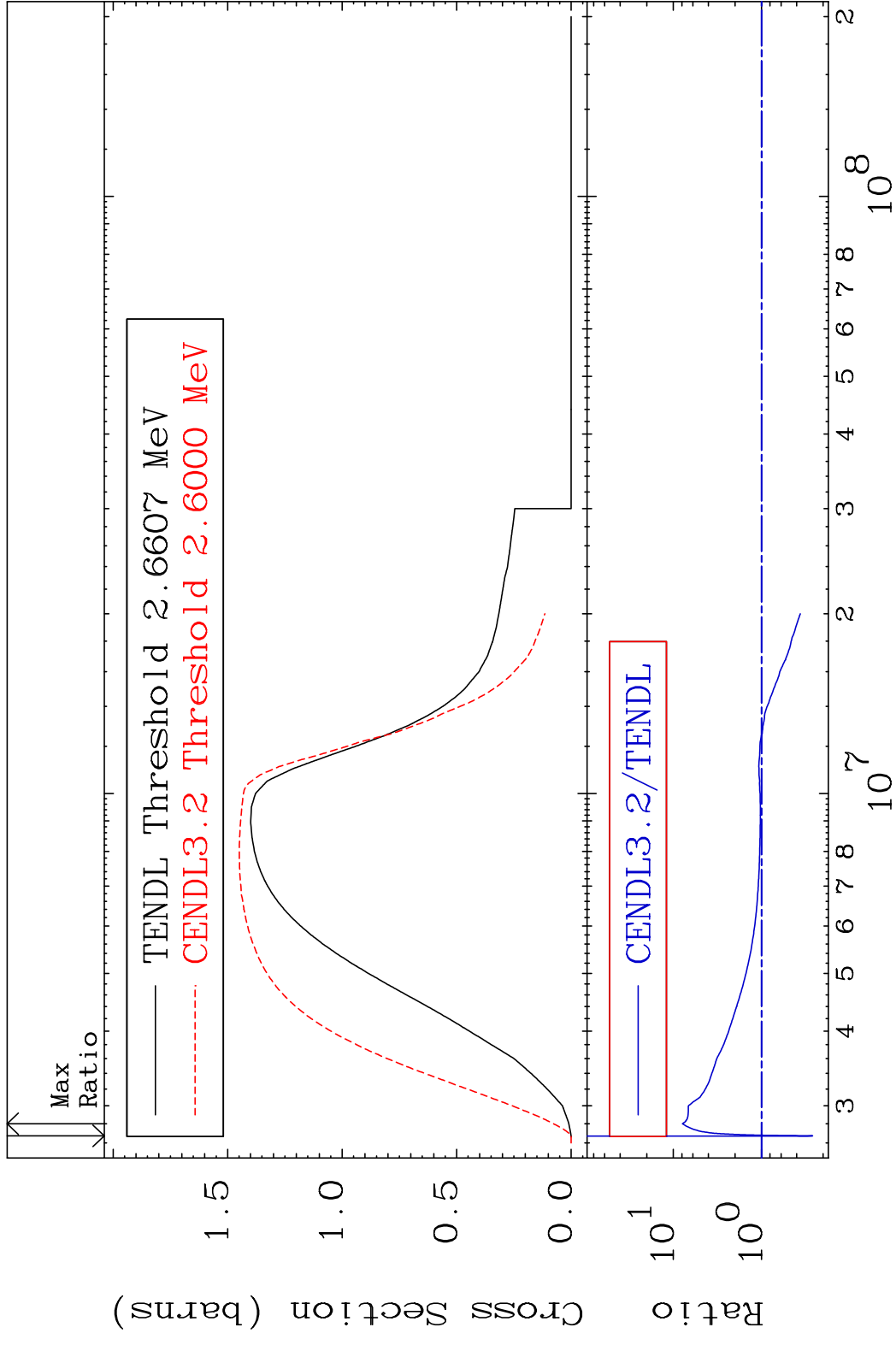


MAT 2931 MT= 60 (n, n') Level 29-Cu-65
 Cross Section -100.0 To 141.0 %



16 Incident Energy (eV) 29-Cu-65

MAT 2931 (n,n') Continuum 29-Cu-65
 Cross Section -73.61 To 689.6 %

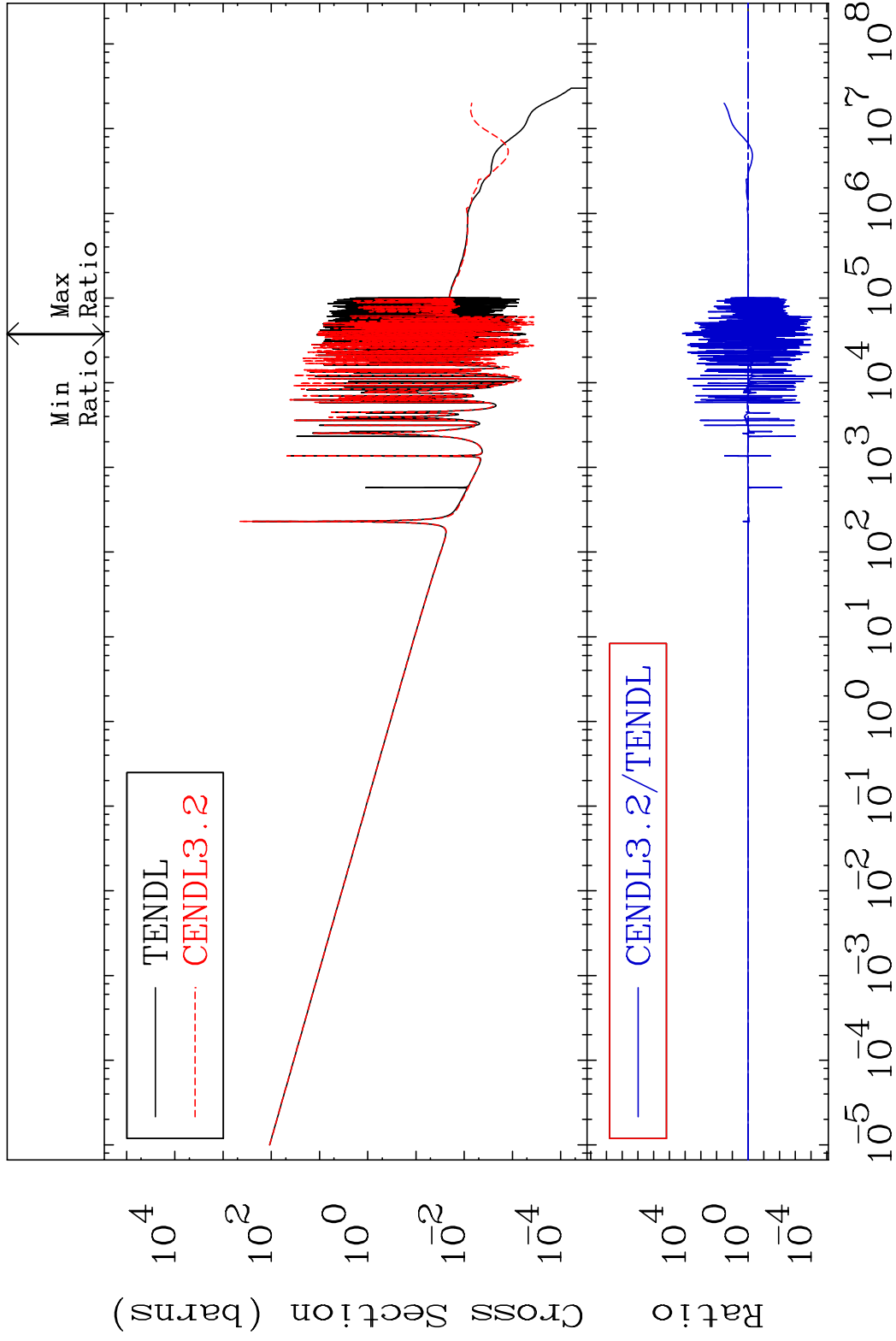


MAT 2931

(n, γ)

29-Cu-65

Cross Section -99.99 To 9999. %



18

Incident Energy (eV)

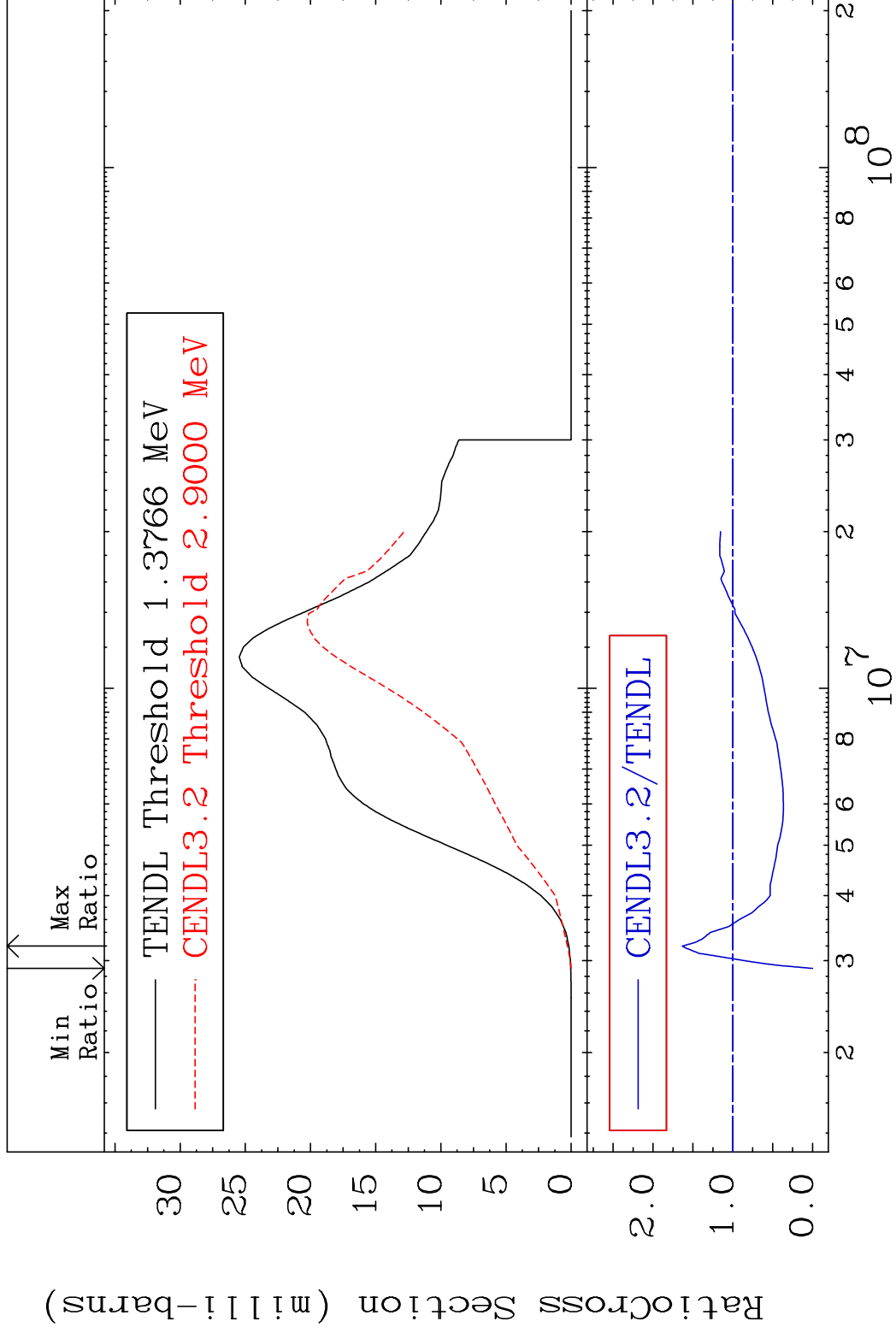
29-Cu-65

MAT 2931

(n, p)

29-Cu-65

Cross Section -100.0 To 63.22 %

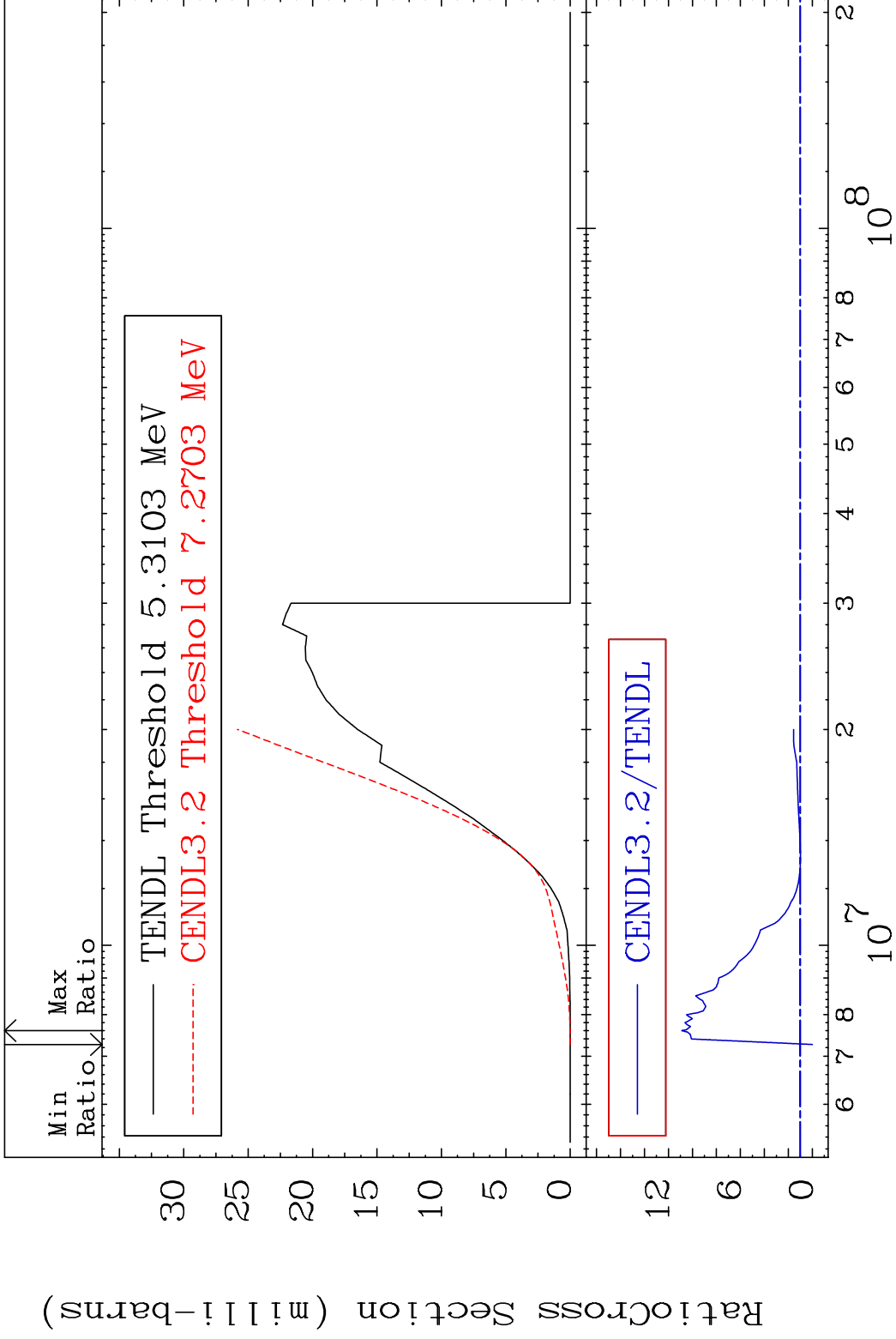


MAT 2931

(n, d)

²⁹Cu-65

Cross Section -100.0 To 989.2 %



20

Incident Energy (eV)

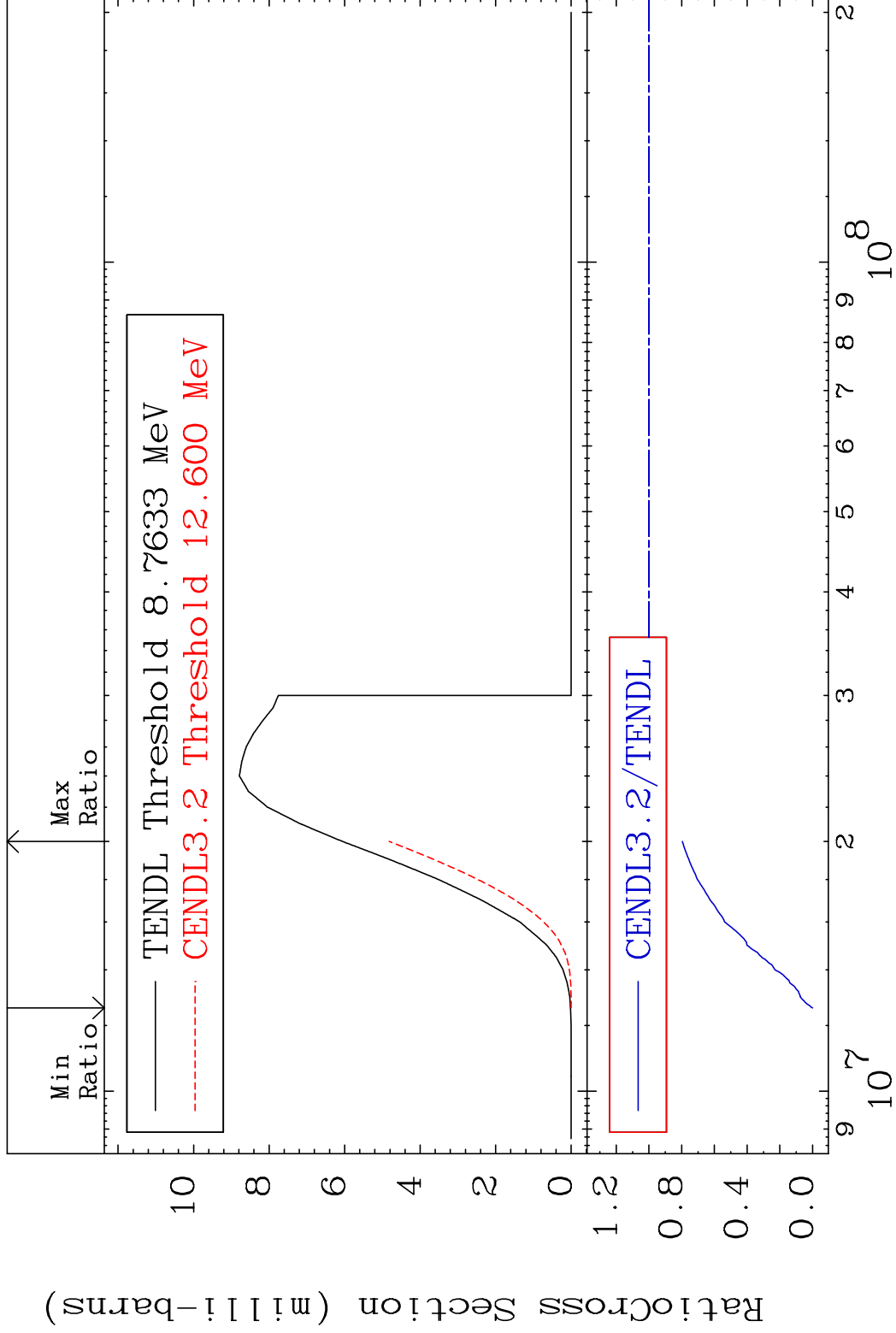
²⁹Cu-65

MAT 2931

(n, t)

29-Cu-65

Cross Section -100.0 To -20.41%



21

Incident Energy (eV)

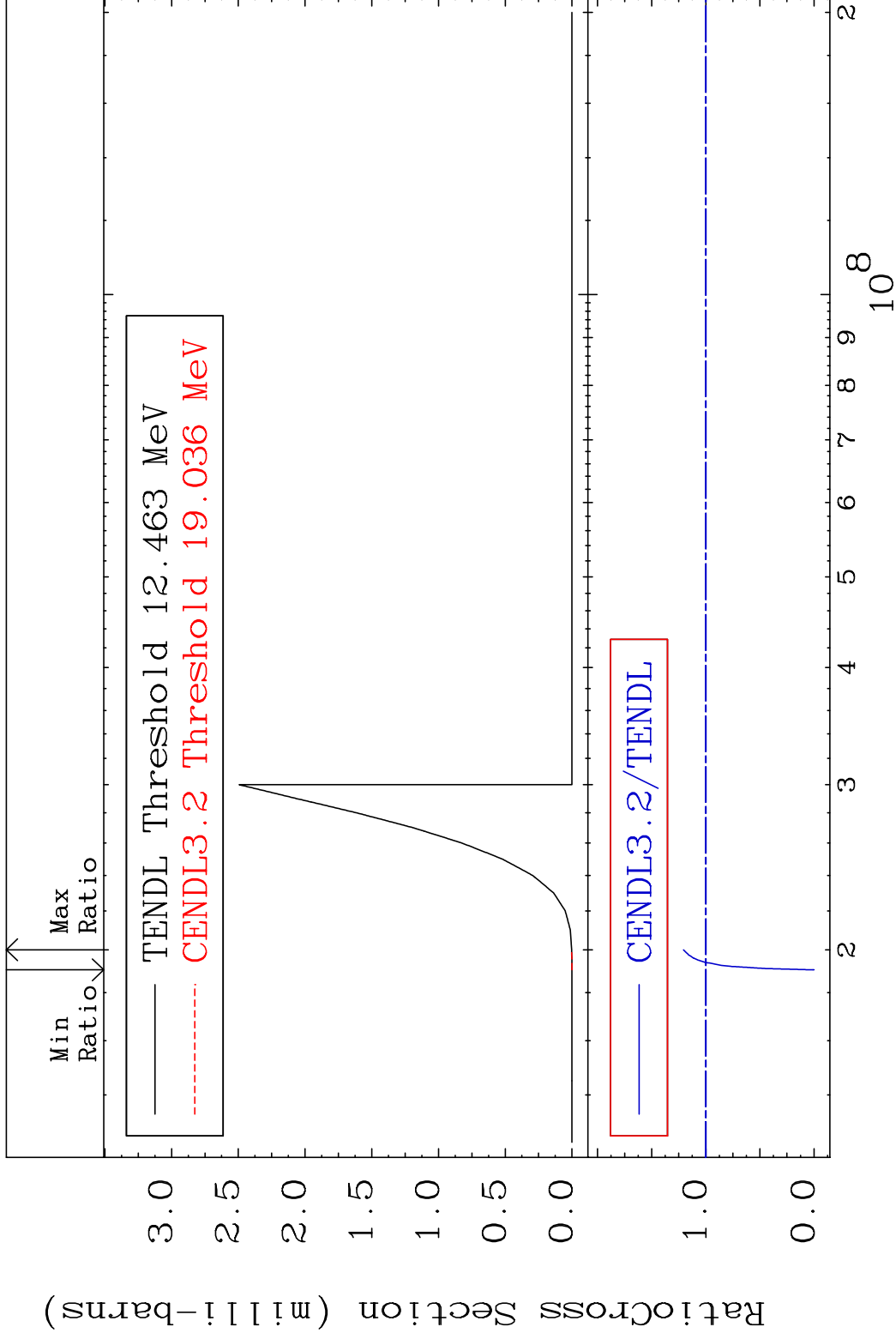
29-Cu-65

MAT 2931

(n, He-3)

29-Cu-65

Cross Section -100.0 To 20.64 %



22

Incident Energy (eV)

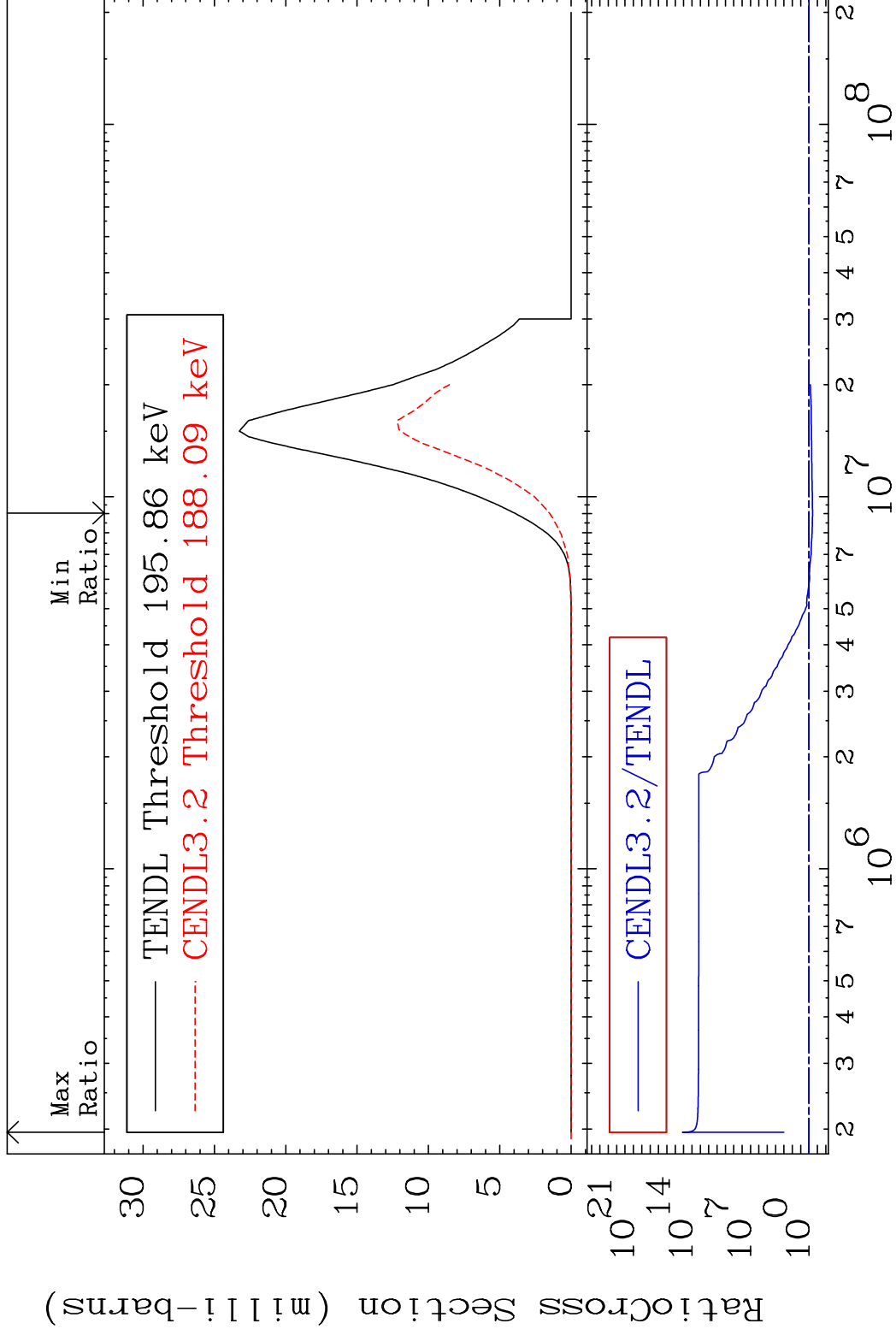
29-Cu-65

MAT 2931

(n, α)

29-Cu-65

Cross Section -61.76 To 9999. %



23

Incident Energy (eV)

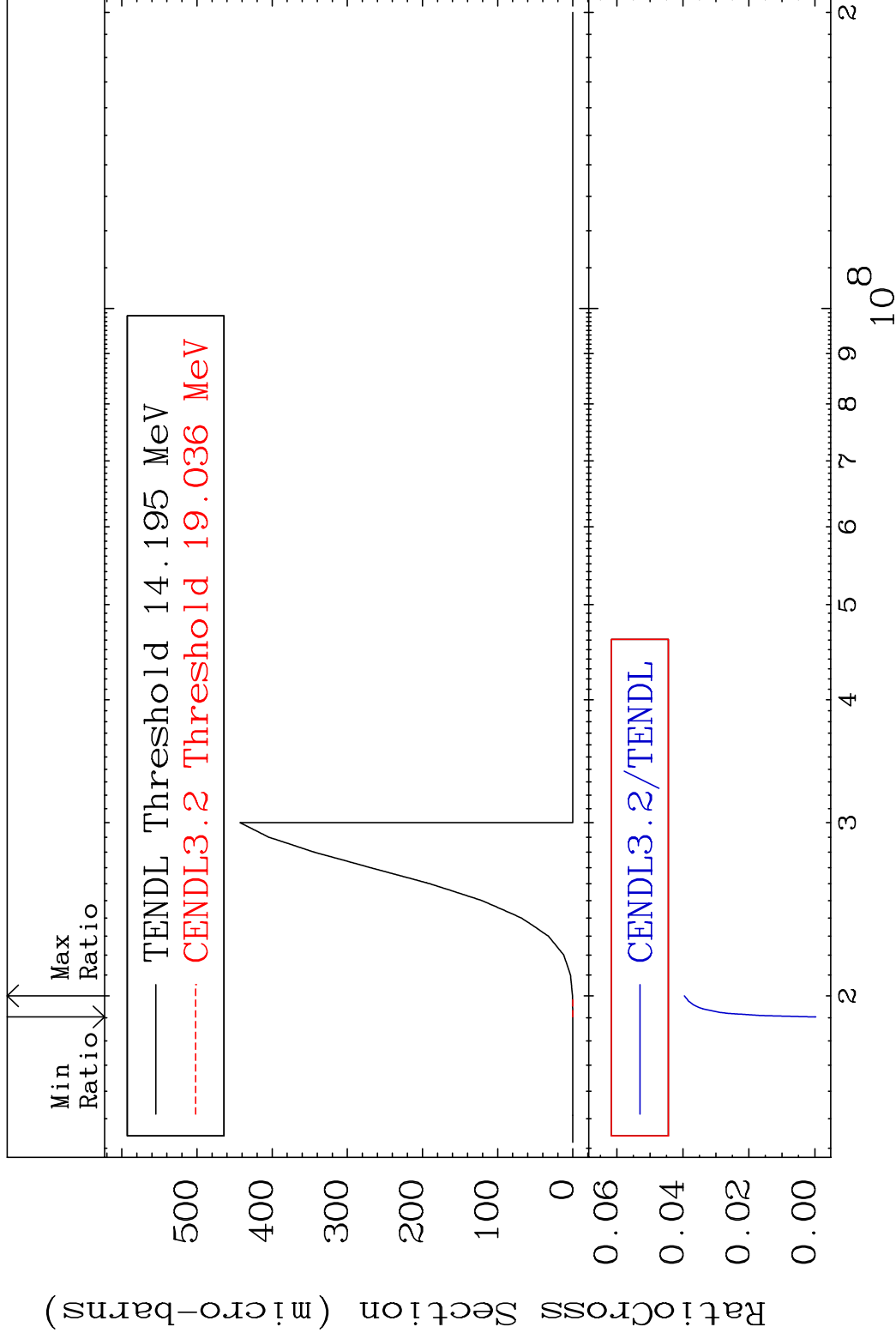
29-Cu-65

MAT 2931

(n,2p)

29-Cu-65

Cross Section -100.0 To -96.04%

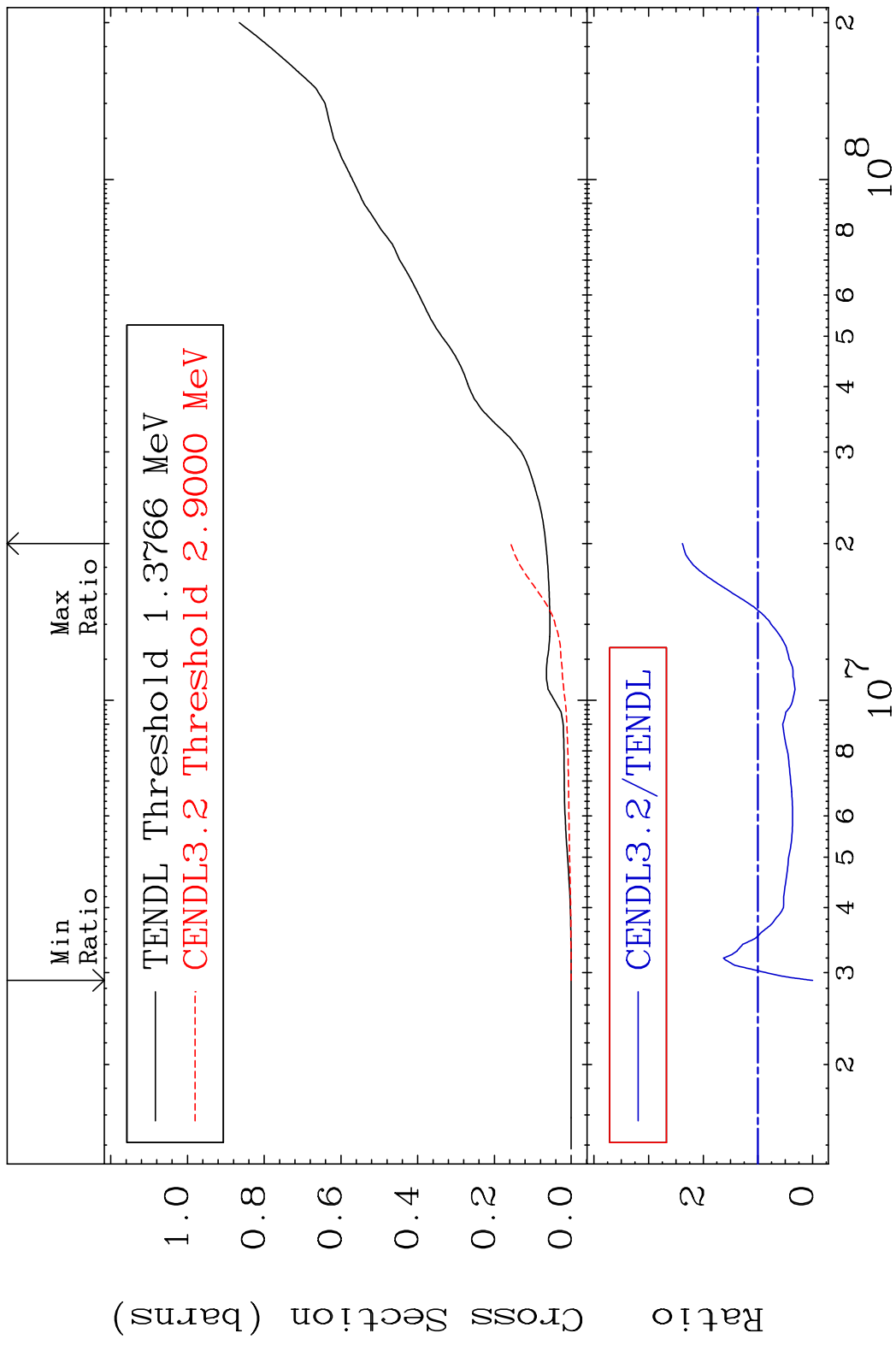


24

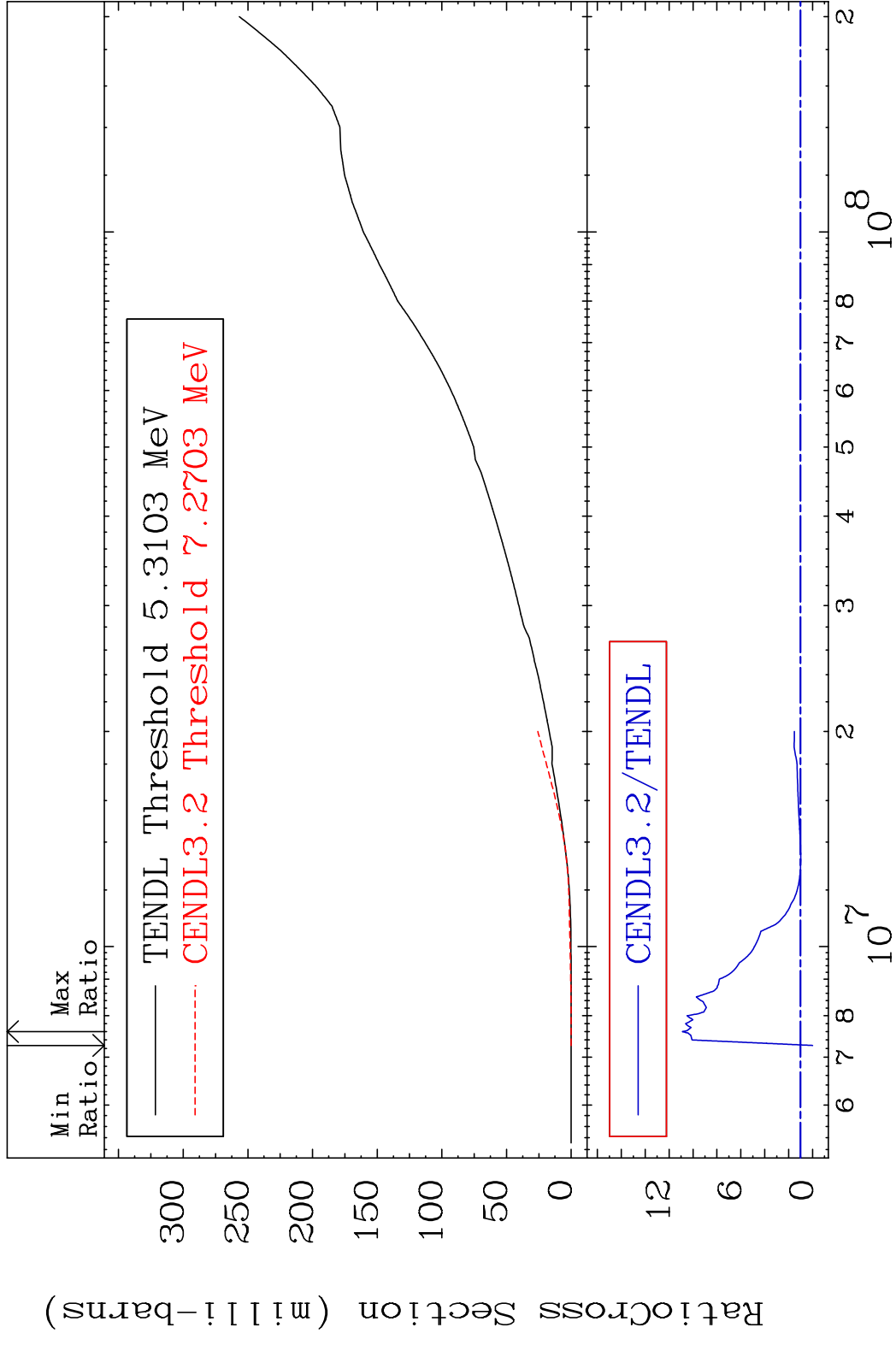
Incident Energy (eV)

29-Cu-65

MAT 2931 Hydrogen Production 29-Cu-65
 Cross Section -100.0 To 138.3 %



MAT 2931 Deuterium Production 29-Cu-65
 Cross Section -100.0 To 989.2 %



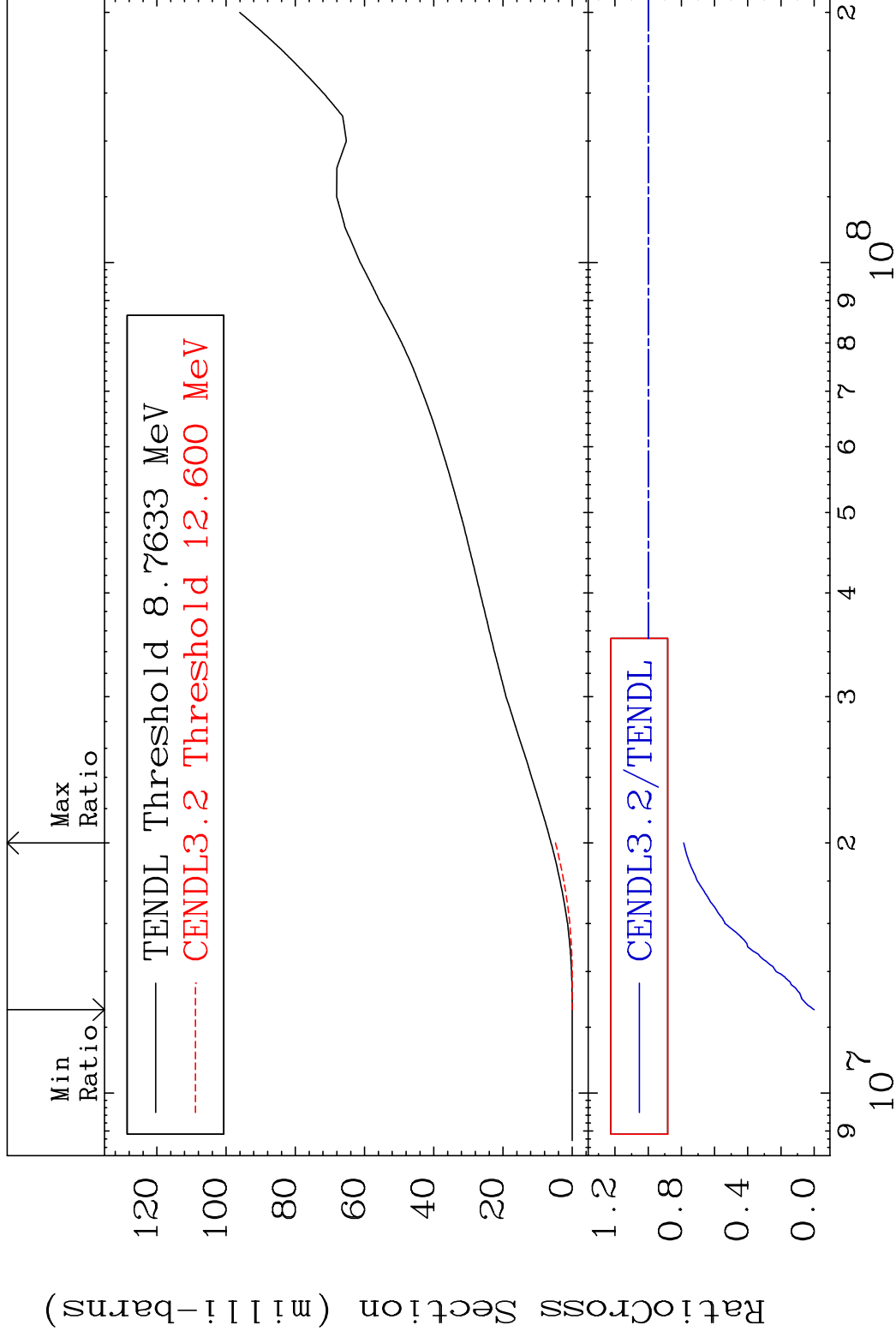
26 Incident Energy (eV) 29-Cu-65

MAT 2931

Tritium Production

²⁹Cu-65

Cross Section -100.0 To -21.37%



27

Incident Energy (eV)

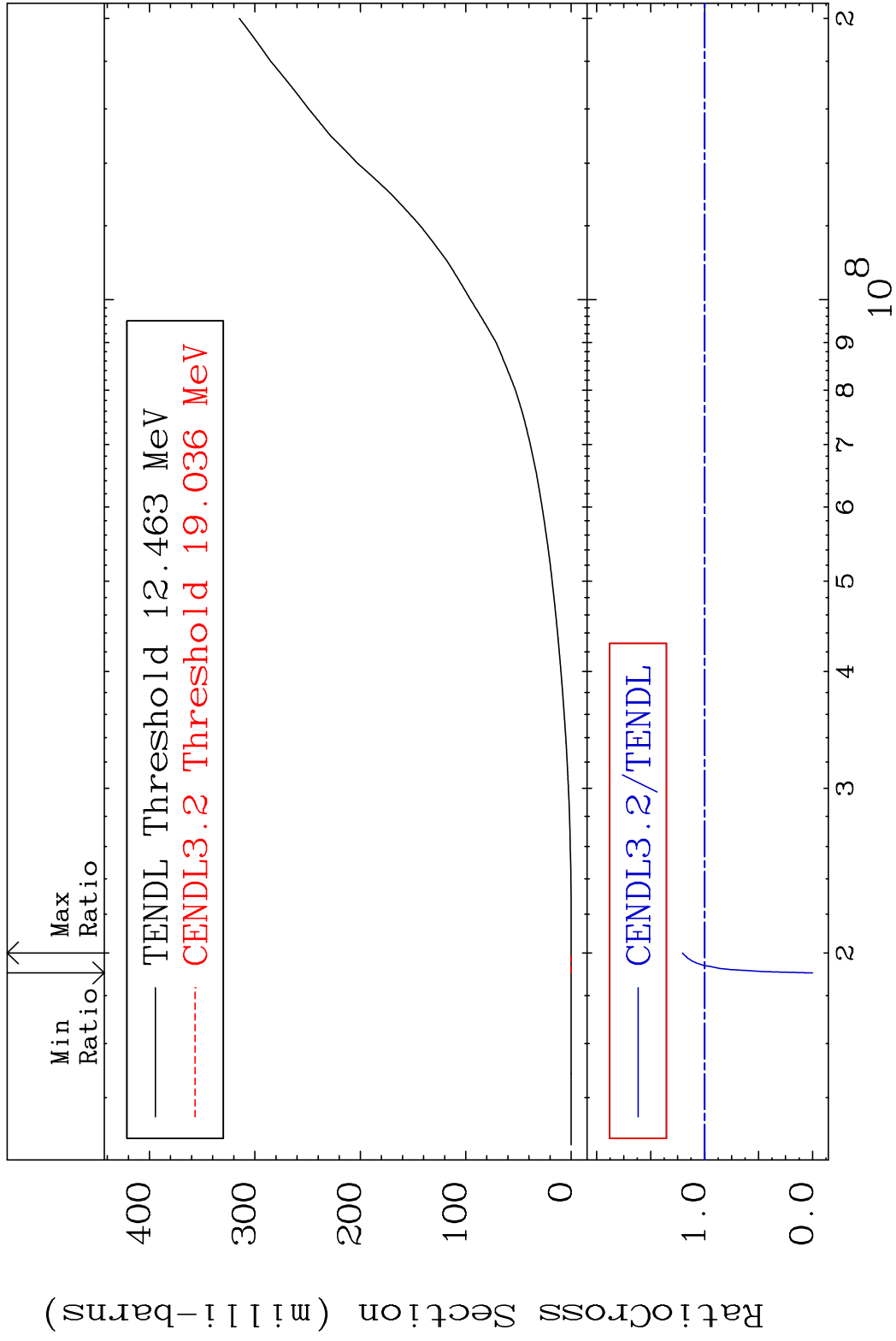
²⁹Cu-65

MAT 2931

He-3 Production

²⁹Cu-65

Cross Section -100.0 To 20.64 %



28

Incident Energy (eV)

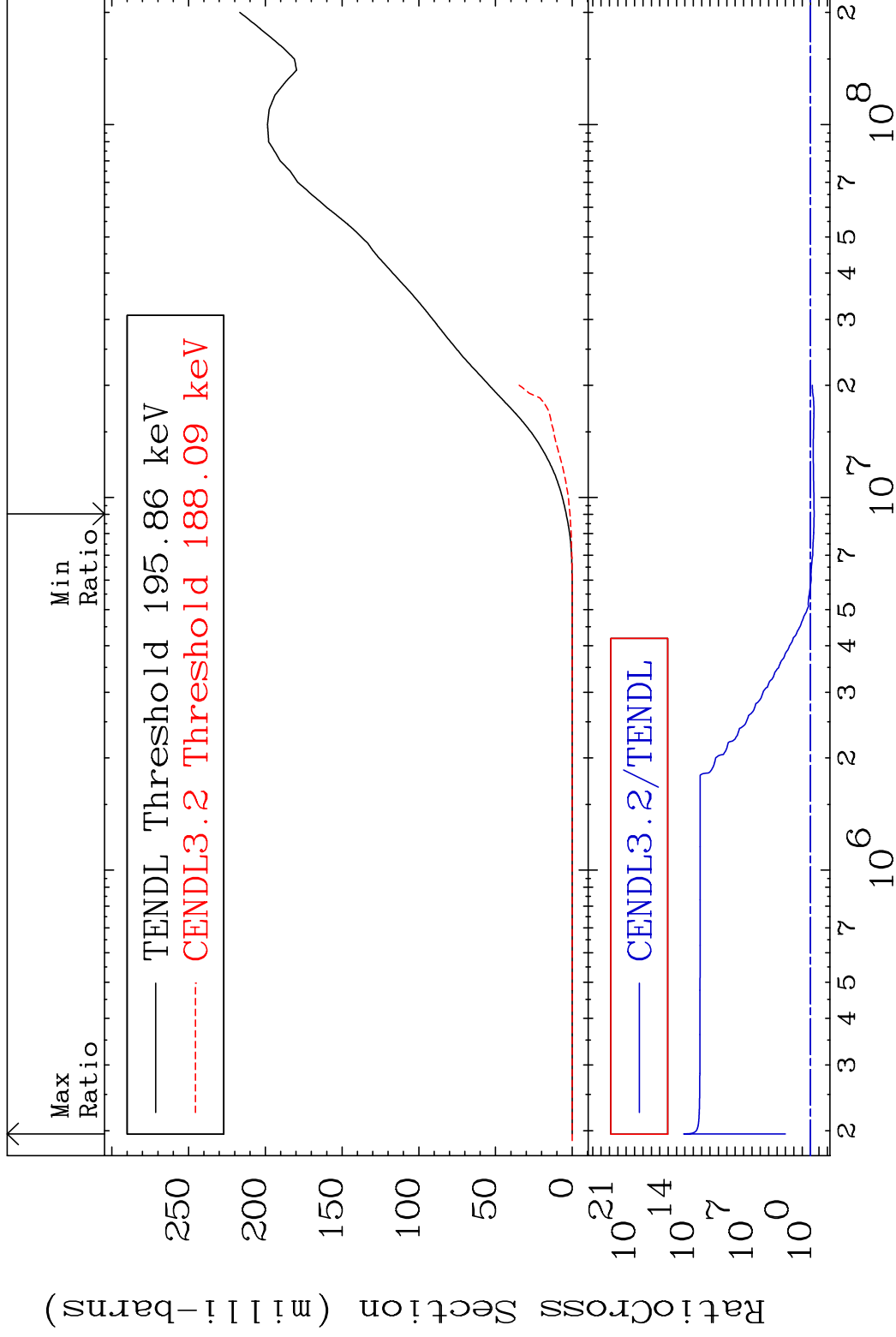
²⁹Cu-65

MAT 2931

He-4 Production

29-Cu-65

Cross Section -61.76 To 9999. %

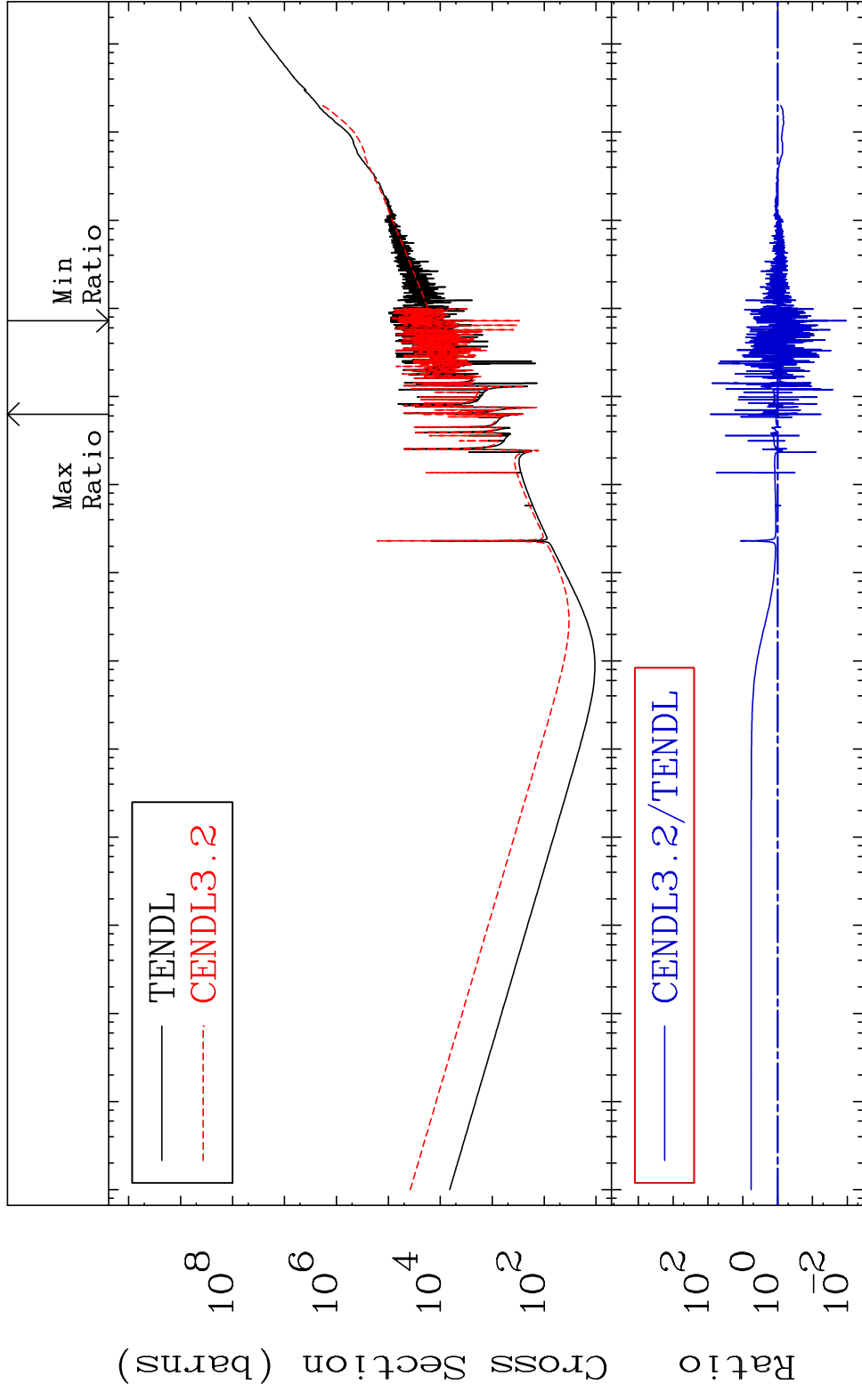


29

Incident Energy (eV)

29-Cu-65

MAT 2931 Kerma total (eV-barns) 29-Cu-65
 Cross Section -98.93 To 8246. %



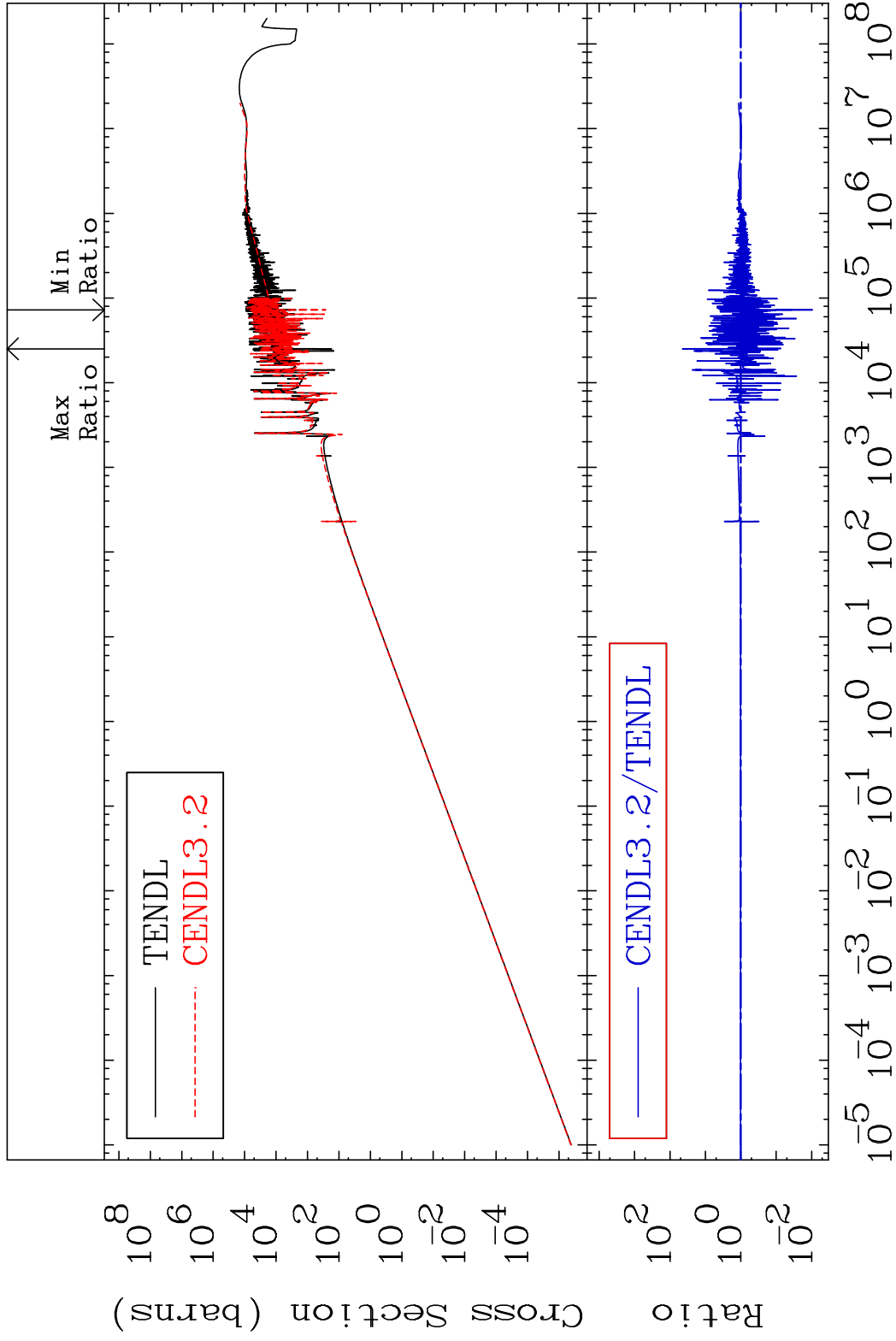
30 Incident Energy (eV) 29-Cu-65

MAT 2931

Kerma elastic

29-Cu-65

Cross Section -99.06 To 4381. %

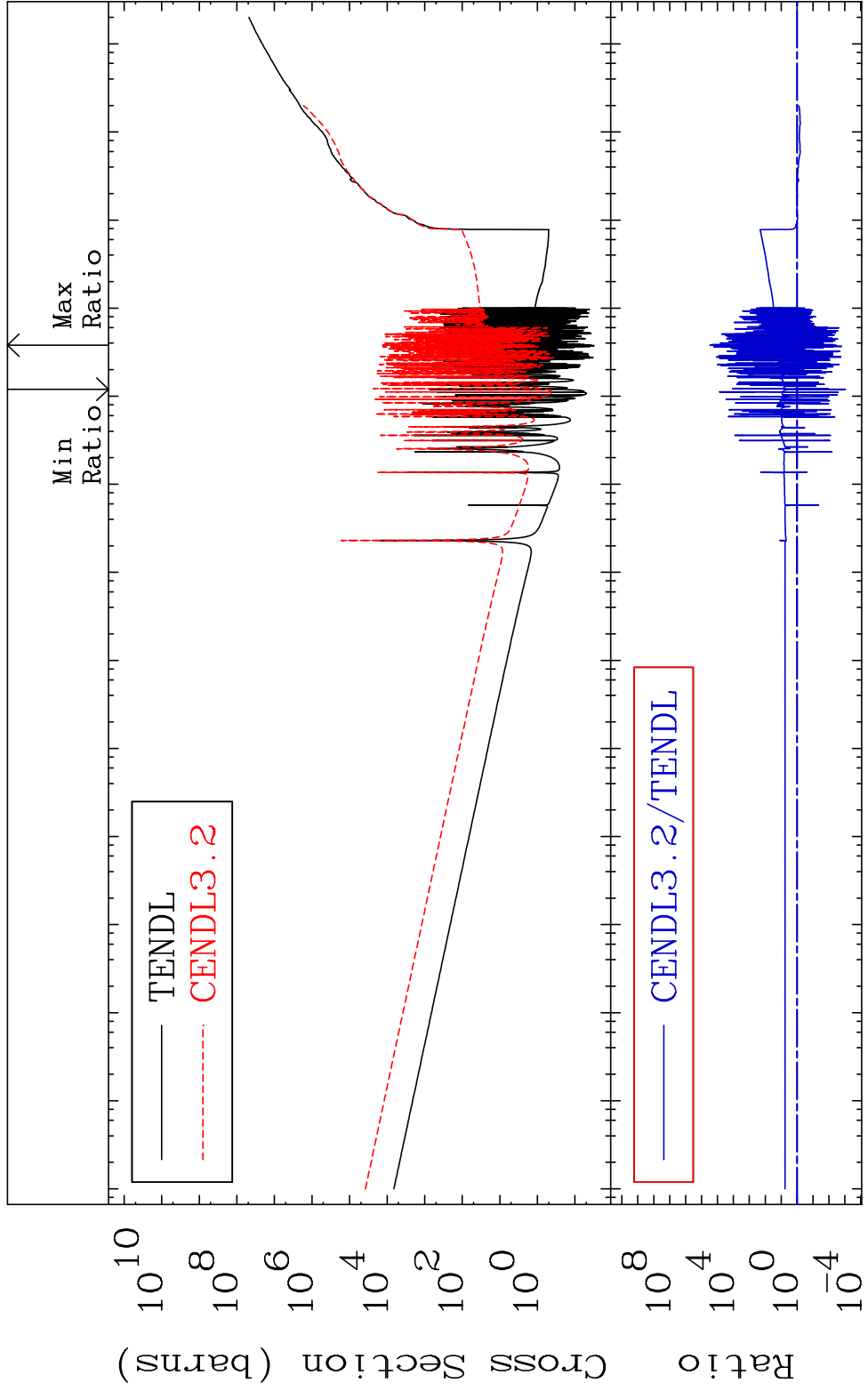


31

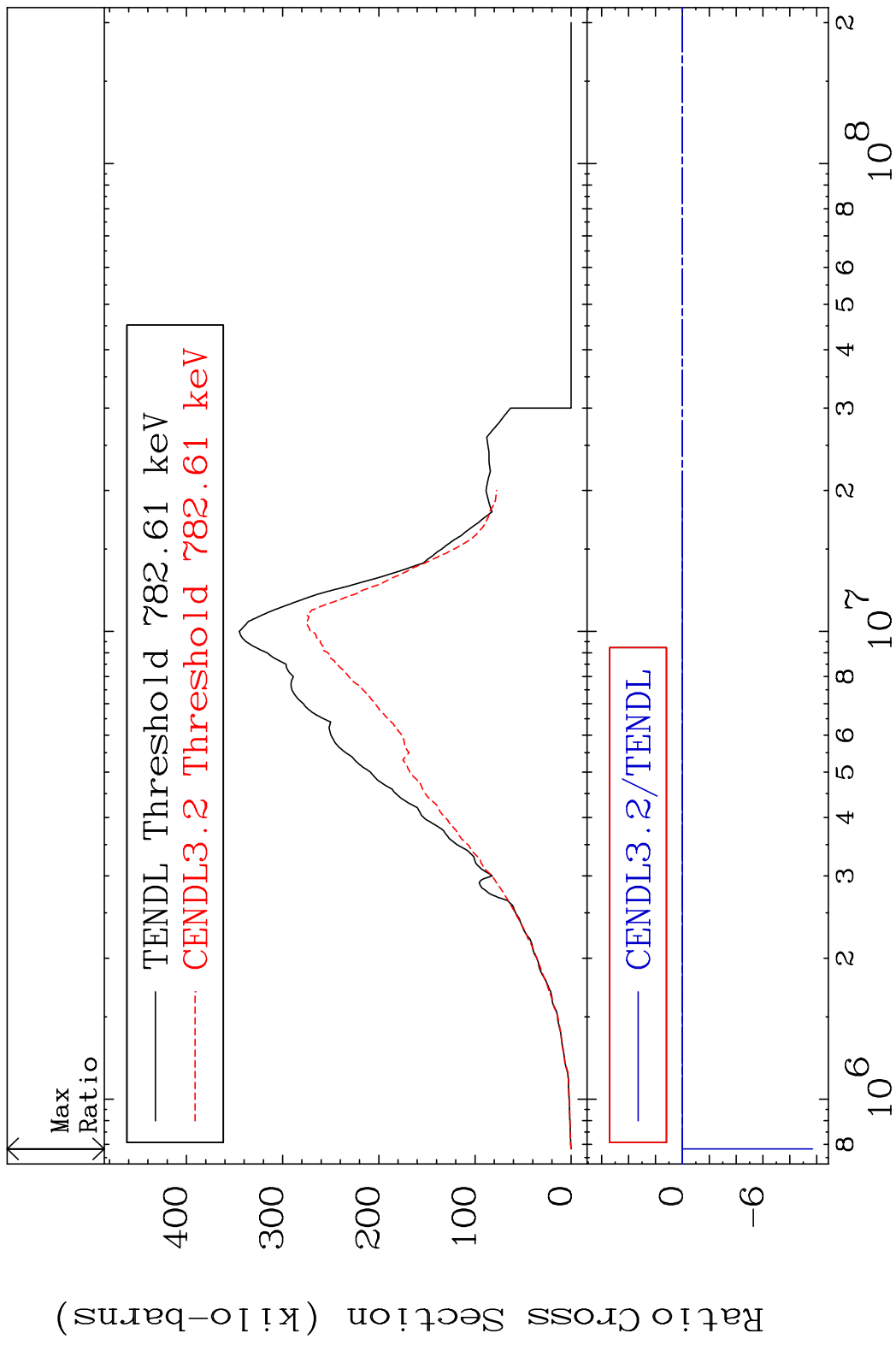
Incident Energy (eV)

29-Cu-65

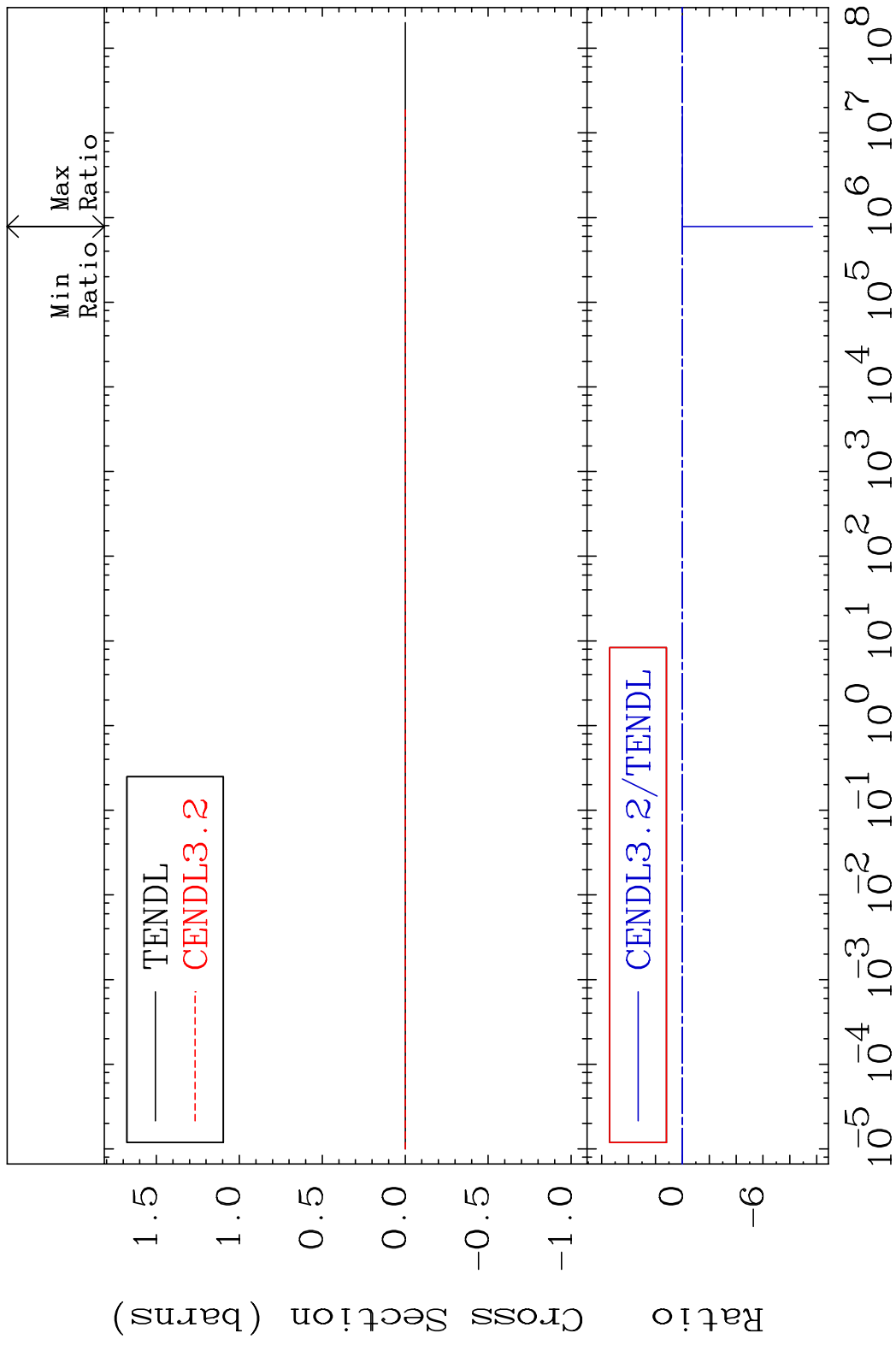
MAT 2931 Kerma non-elastic (all but mt2) 29-Cu-65
 Cross Section -99.91 To 9999. %



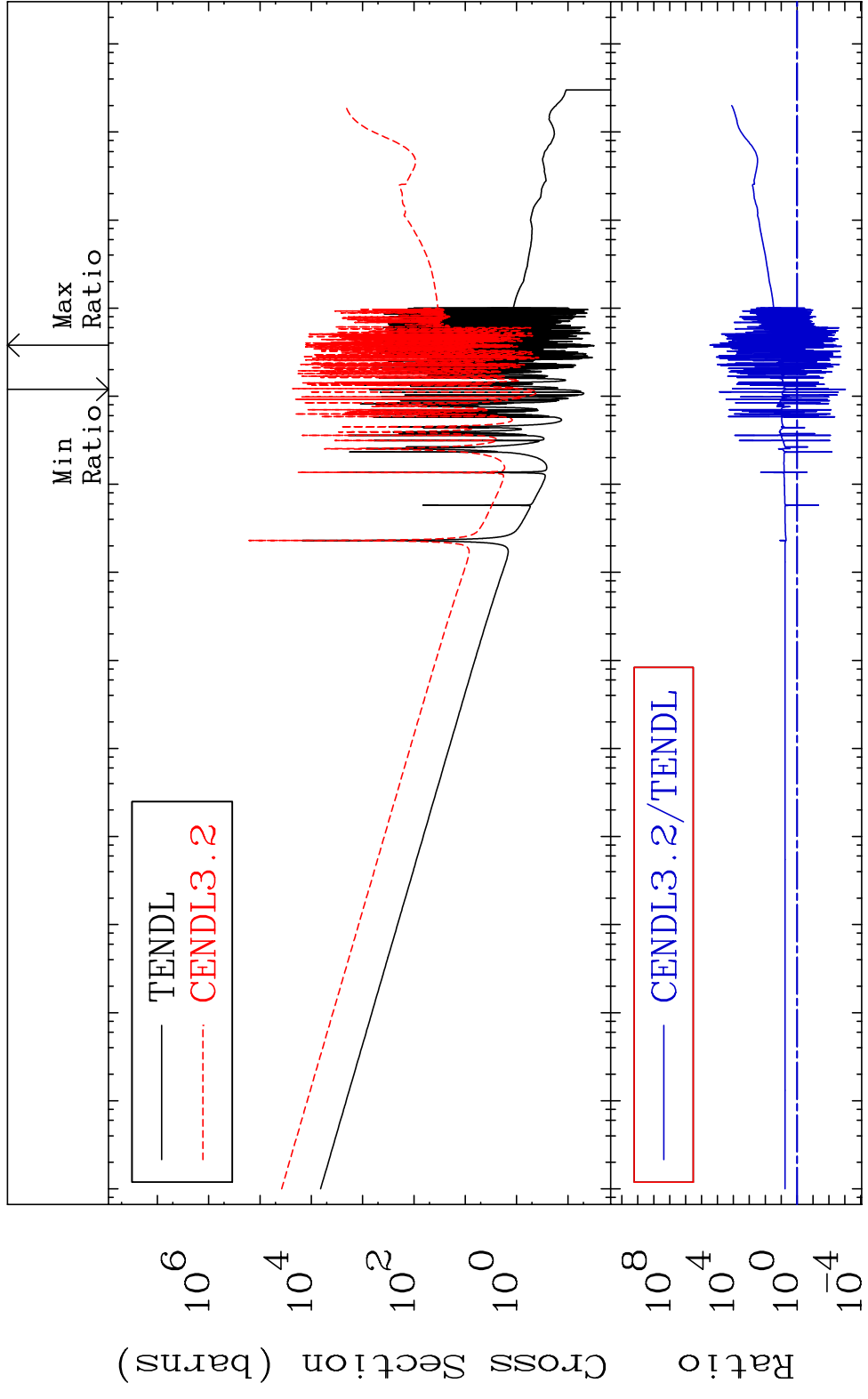
MAT 2931 Kerma inelastic (mt51-91) 29-Cu-65
Cross Section -9999. To 44.63 %



MAT 2931 Kerma fission (mt18 or mt19-20-21-38) 29-Cu-65
 Cross Section -9999. To 44.63 %

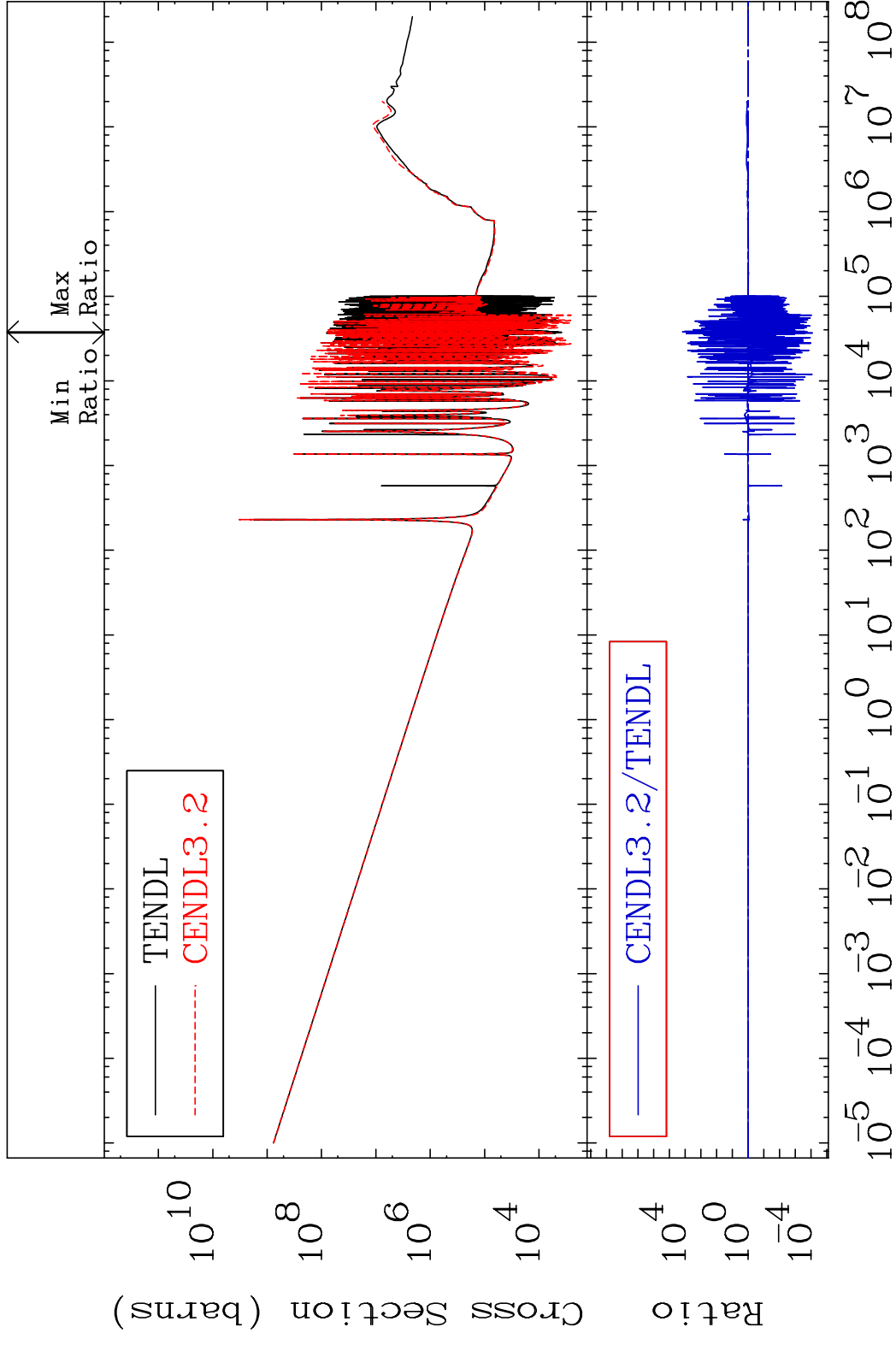


MAT 2931 Kerma capture (mt102) 29-Cu-65
 Cross Section -99.91 To 9999. %



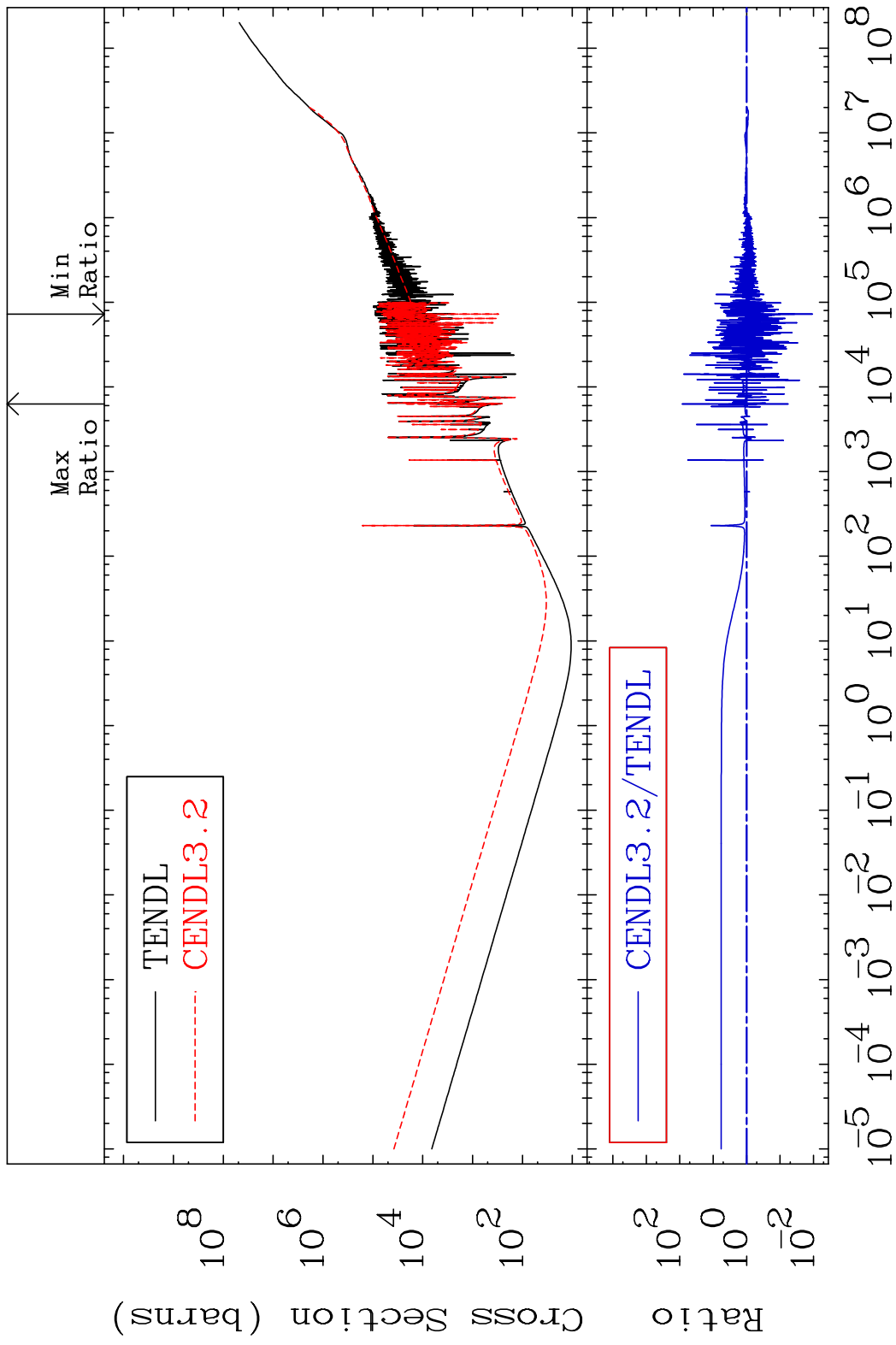
35 Incident Energy (eV) 29-Cu-65

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

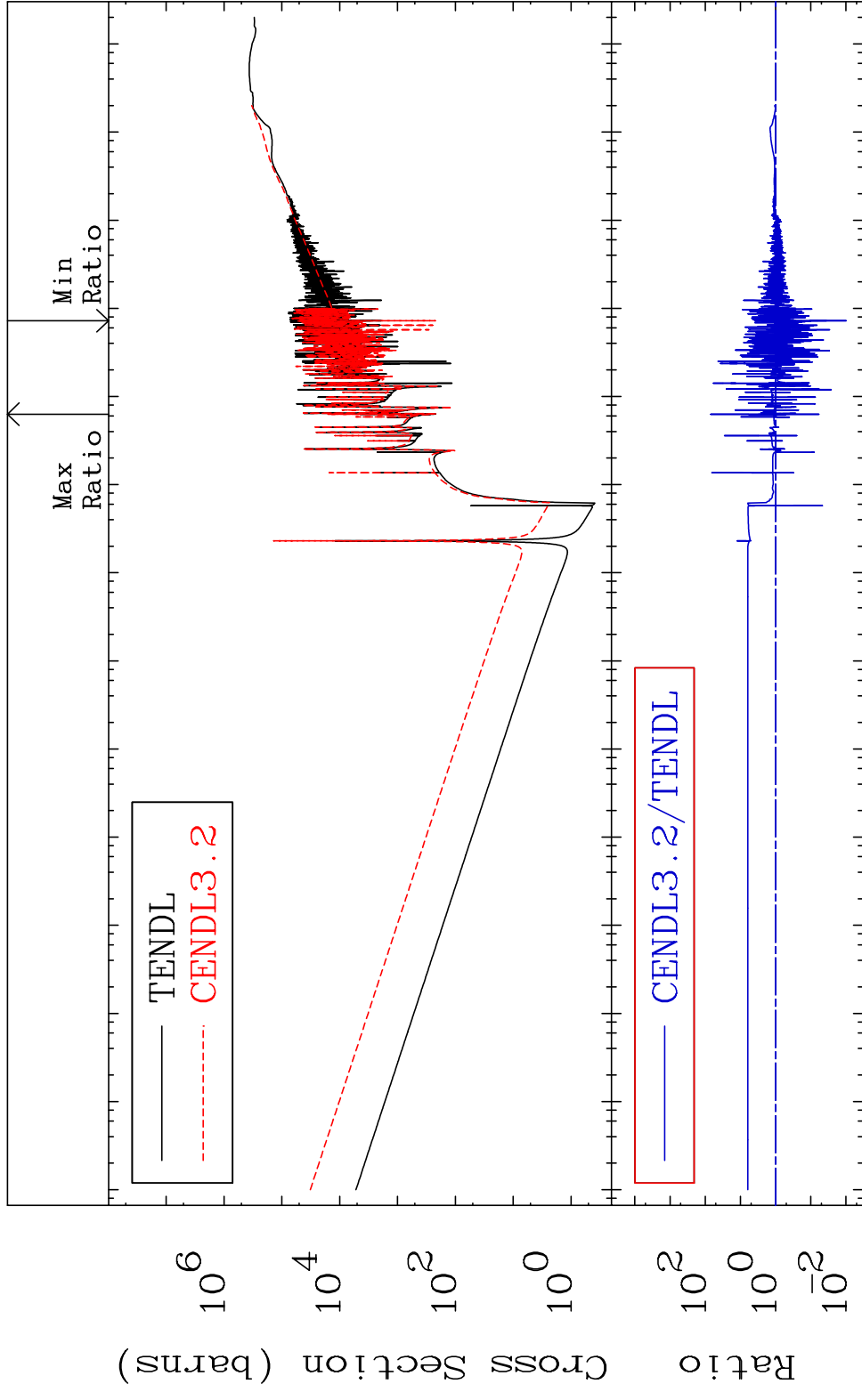


36 Incident Energy (eV) 29-Cu-65

MAT 2931 Total kinematic kerma (high limit) 29-Cu-65
 Cross Section -98.93 To 8246. %



MAT 2931 Dpa total (eV-barns) 29-Cu-65
 Cross Section -99.02 To 6885. %

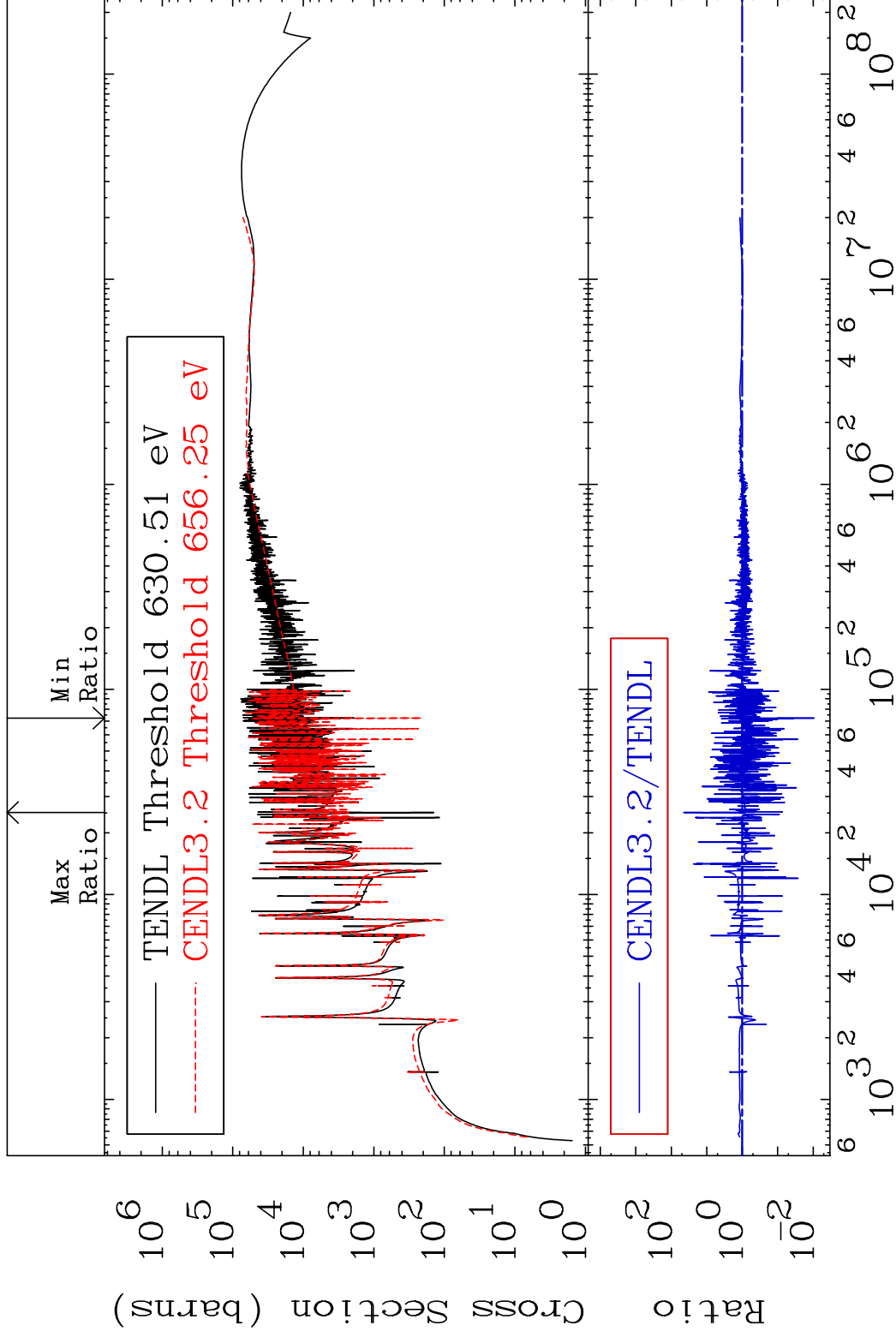


MAT 2931

Dpa elastic (mt2)

29-Cu-65

Cross Section -99.06 To 4379. %

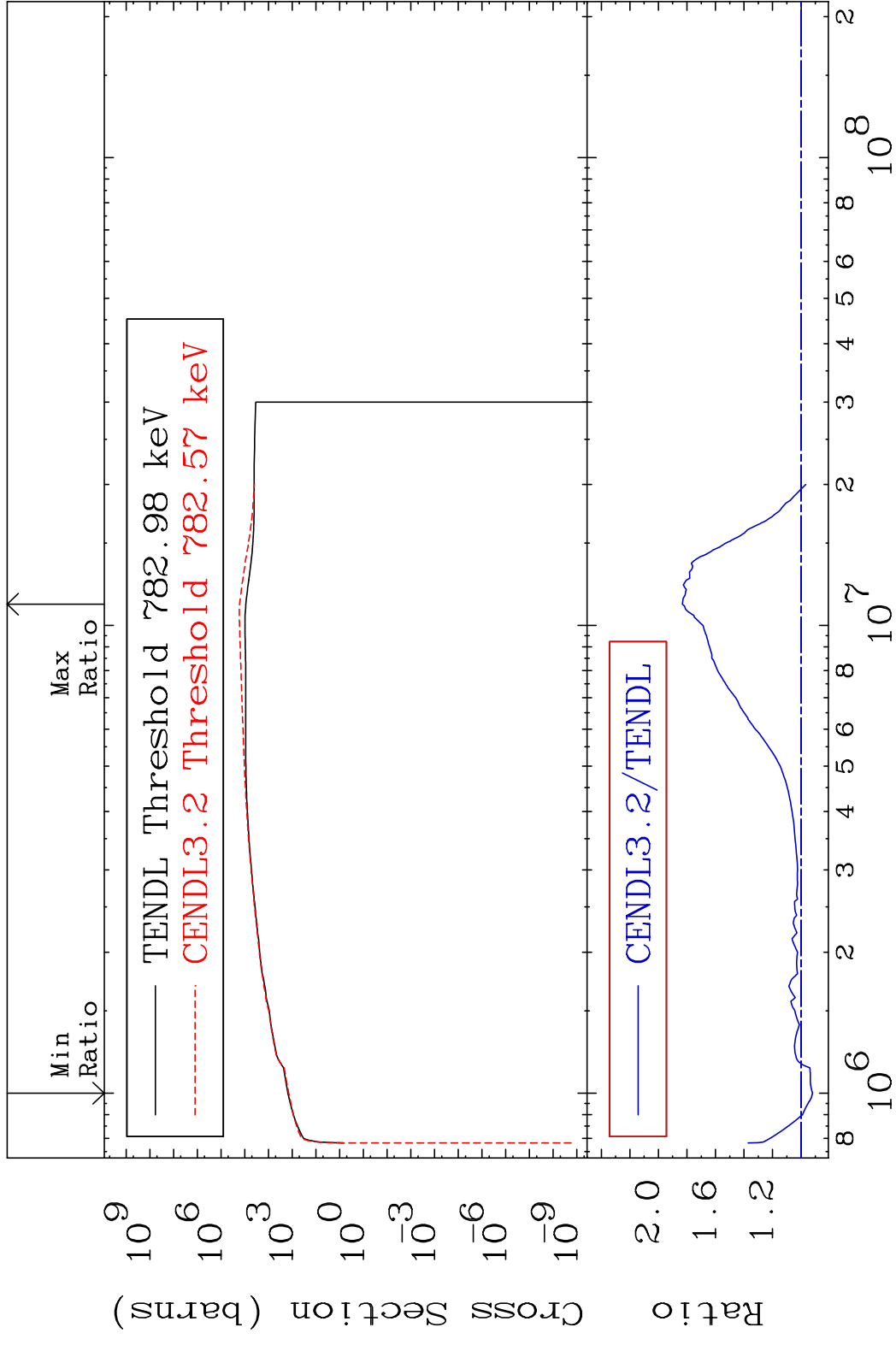


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Incident Energy (eV)

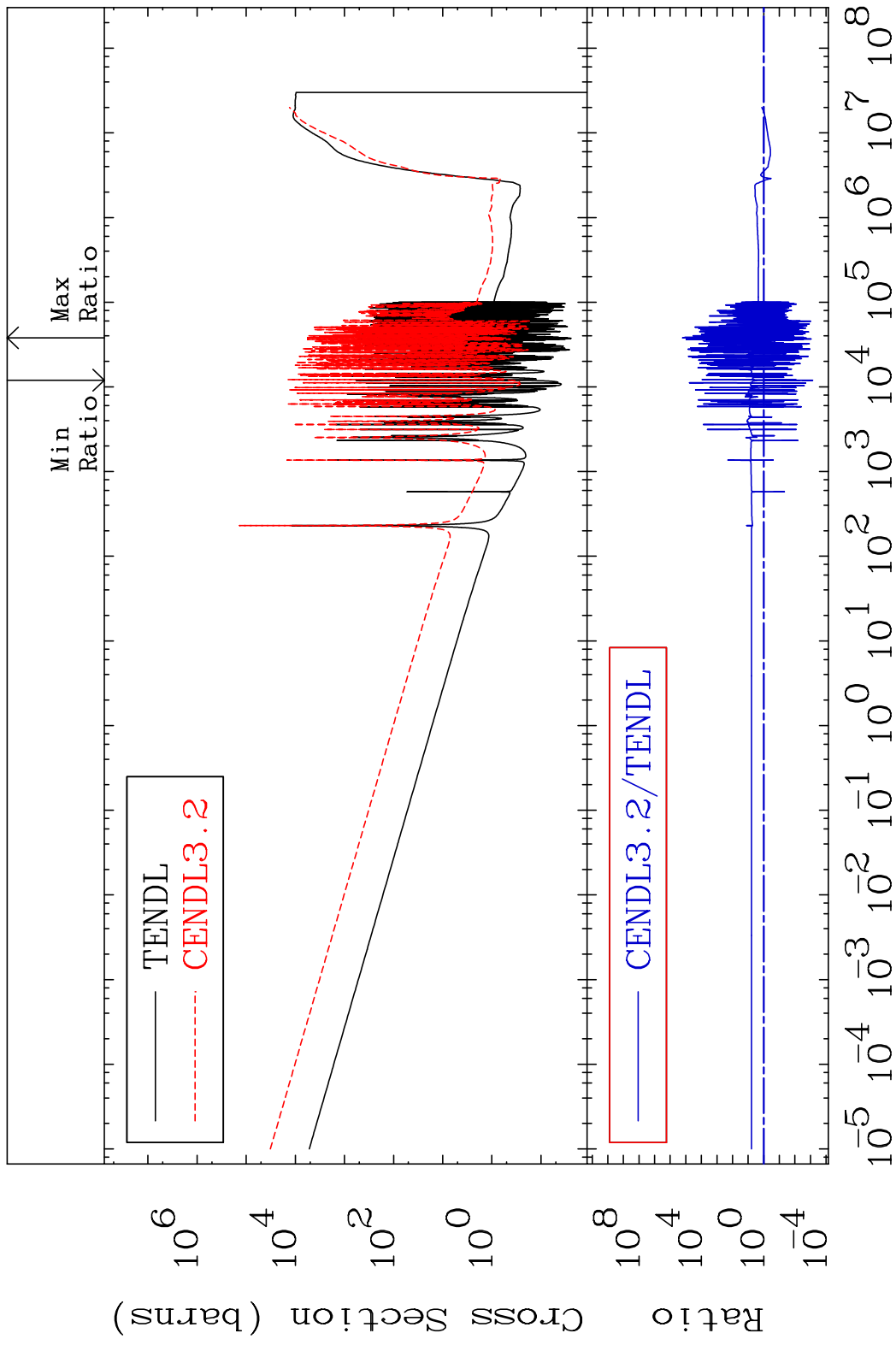
29-Cu-65

MAT 2931 Dpa inelastic (mt51-91) 29-Cu-65
 Cross Section -8.031 To 83.23 %

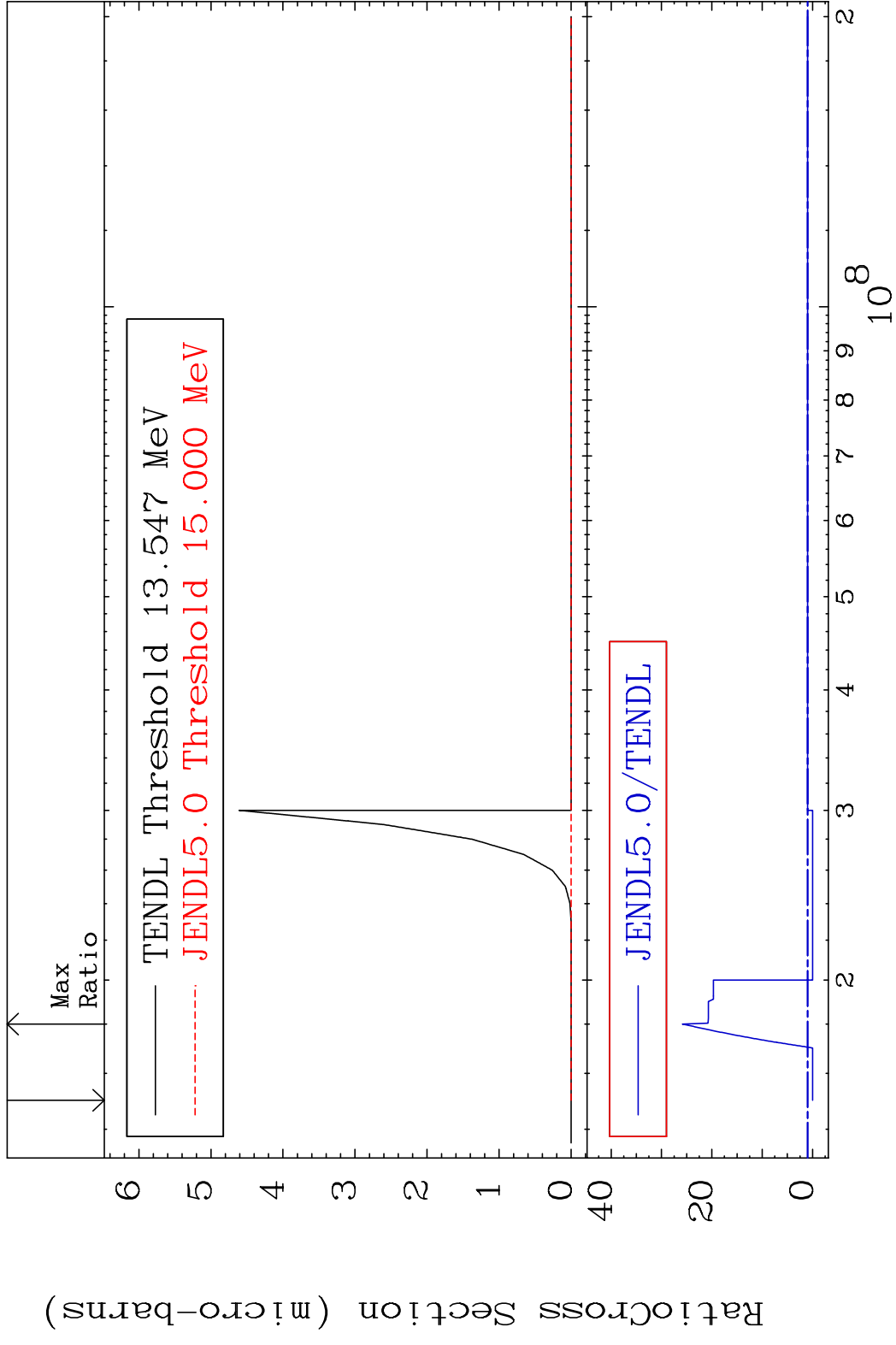


40 Incident Energy (eV) 29-Cu-65

MAT 2931 Dpa disappearance (mt102 -120) 29-Cu-65
 Cross Section -99.93 To 9999. %

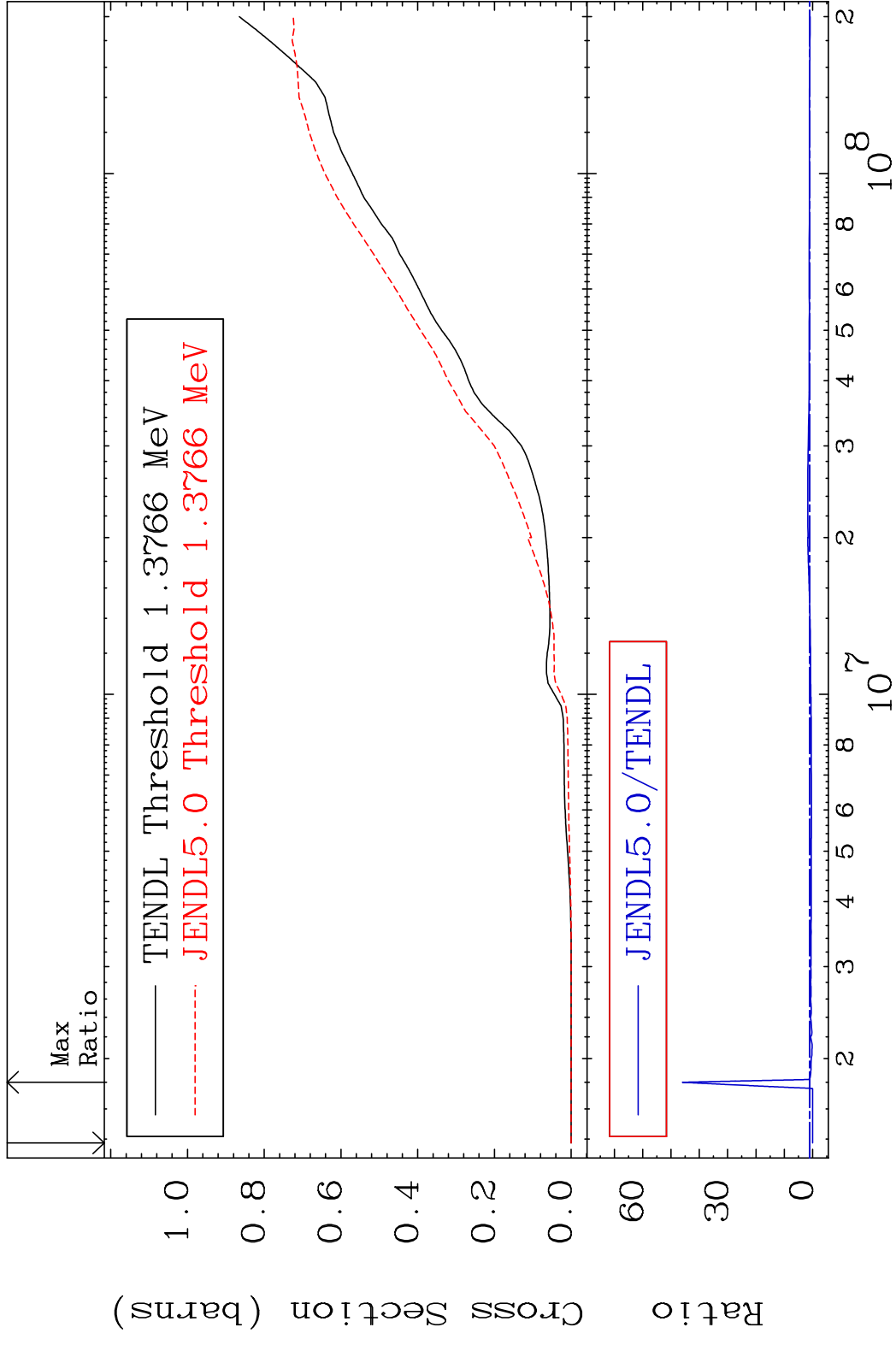


MAT 2931 (n,d) α 29-Cu-65
 Cross Section -100.0 To 2486. %

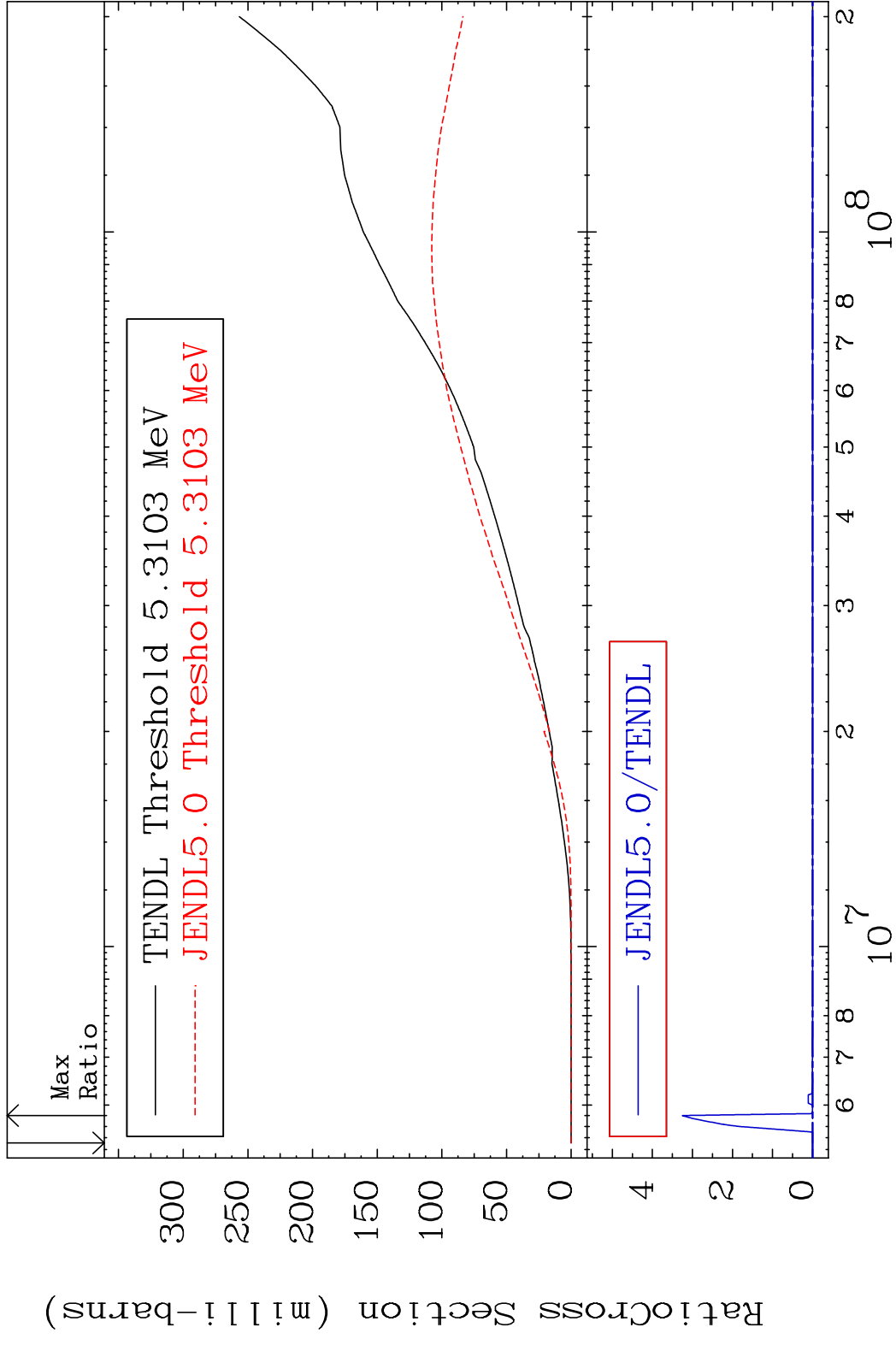


42 Incident Energy (eV) 29-Cu-65

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

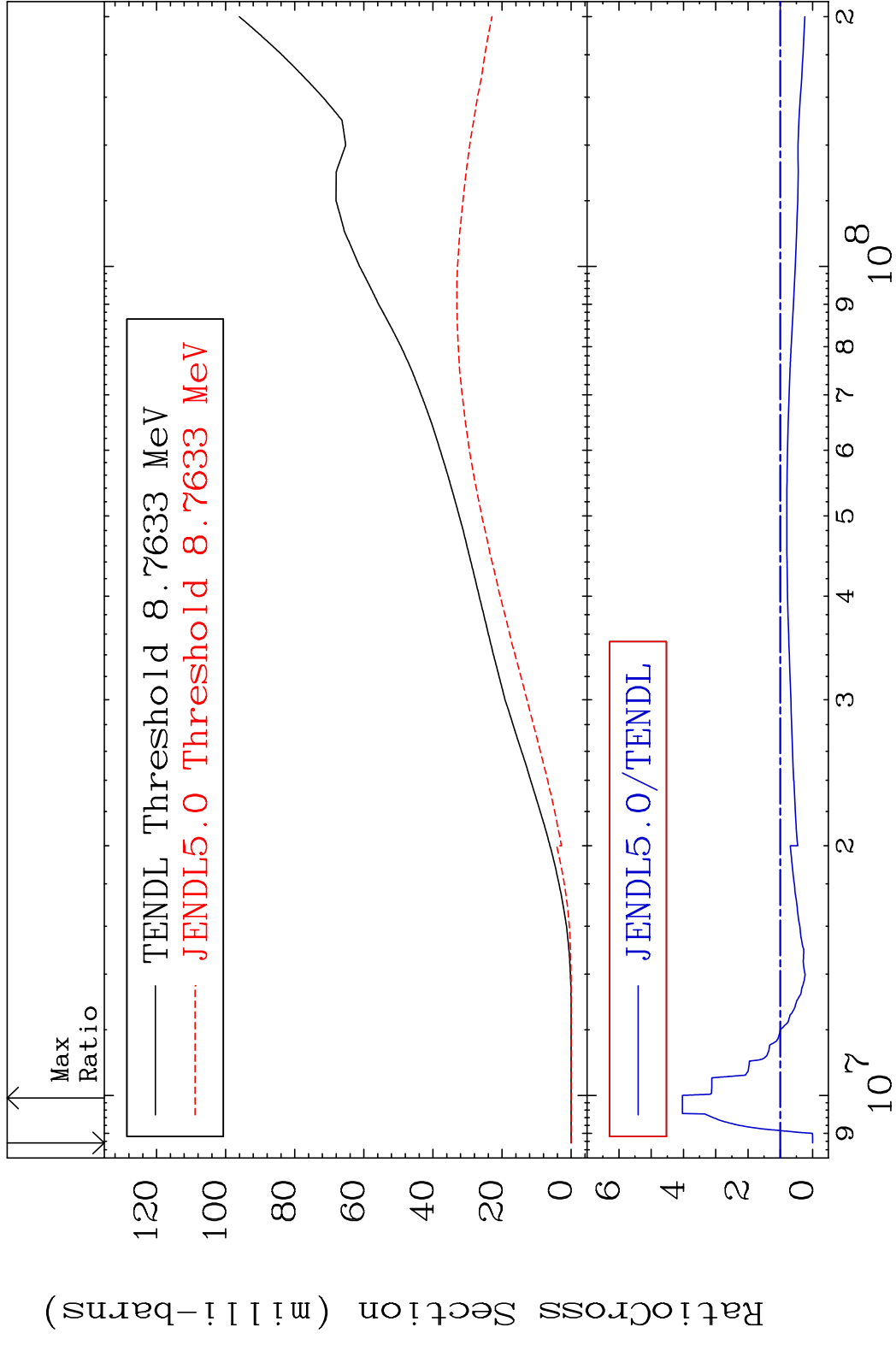


MAT 2931 Deuterium Production 29-Cu-65
 Cross Section -100.0 To 9999. %



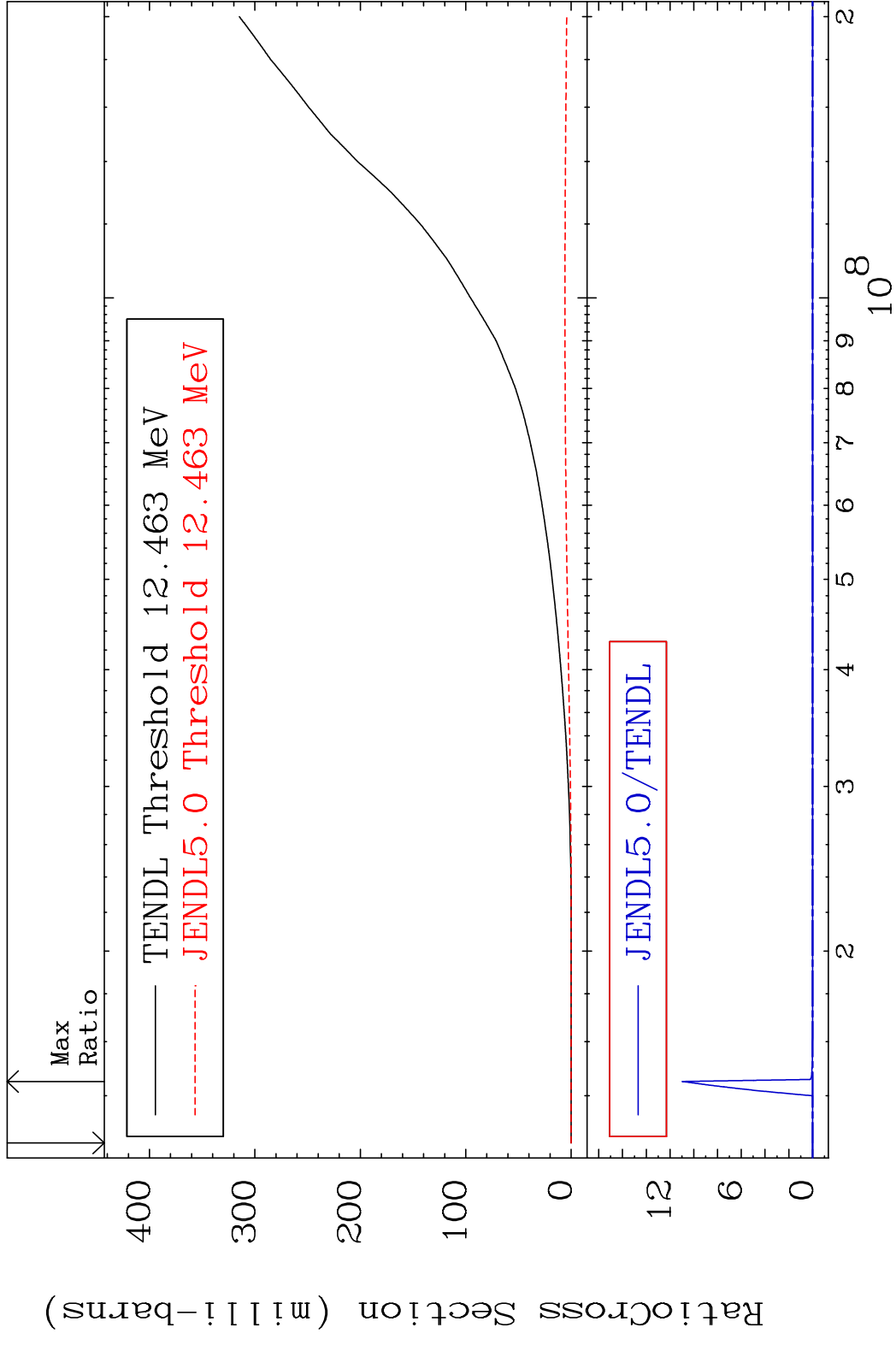
44 Incident Energy (eV) 29-Cu-65

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

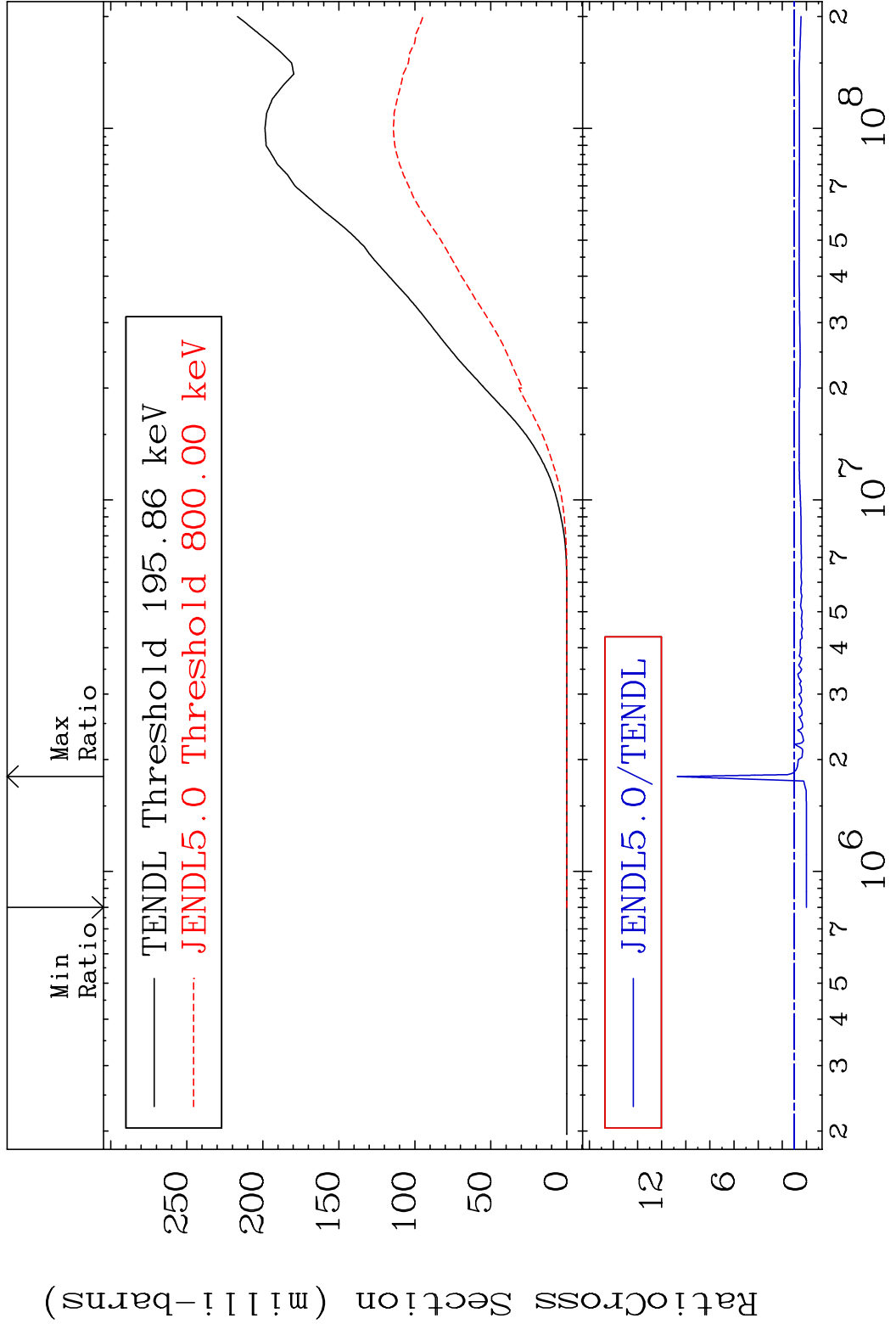


45 29-Cu-65

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

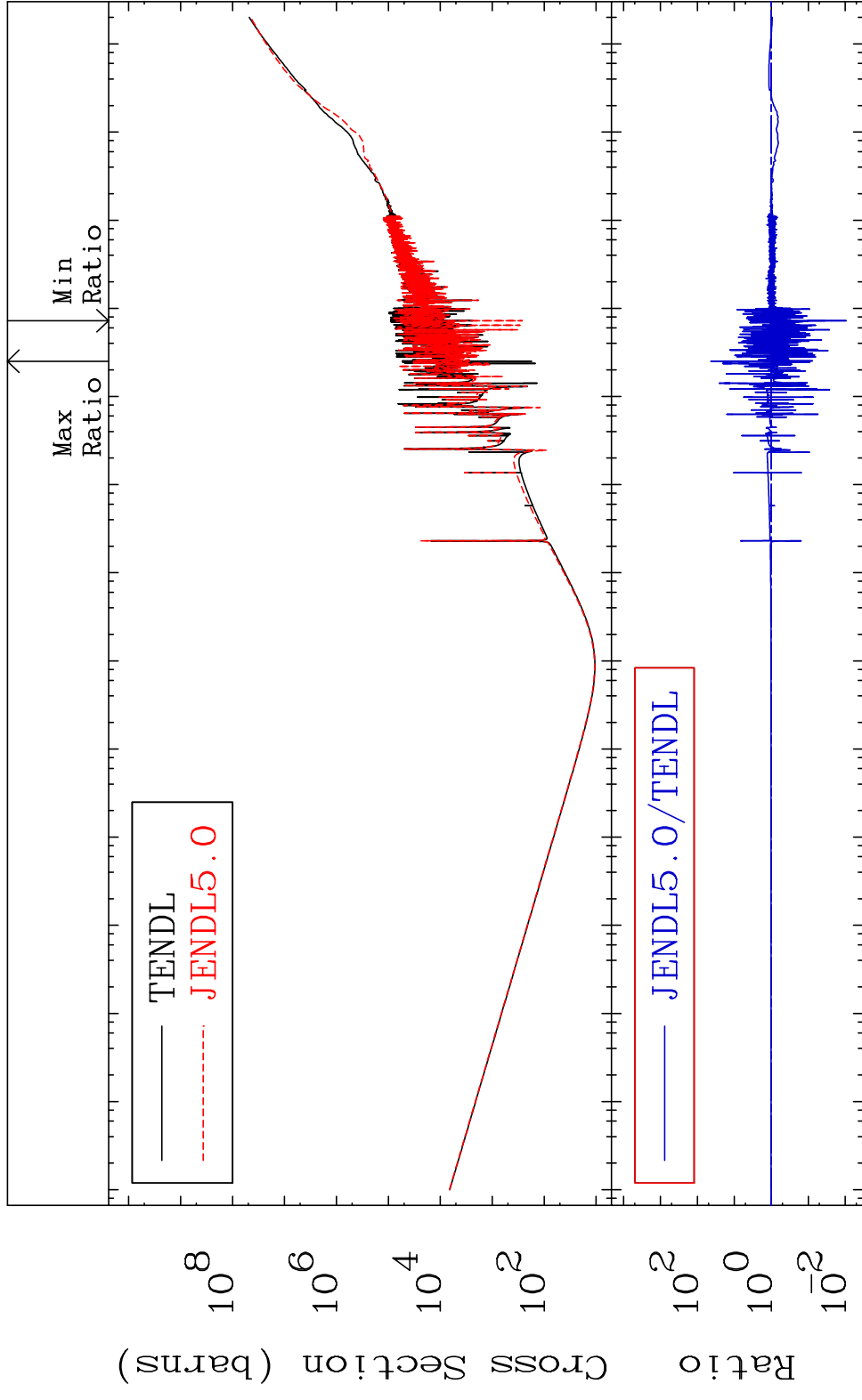


MAT 2931 He-4 Production 29-Cu-65
 Cross Section -100.0 To 971.4 %



47 Incident Energy (eV) 29-Cu-65

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

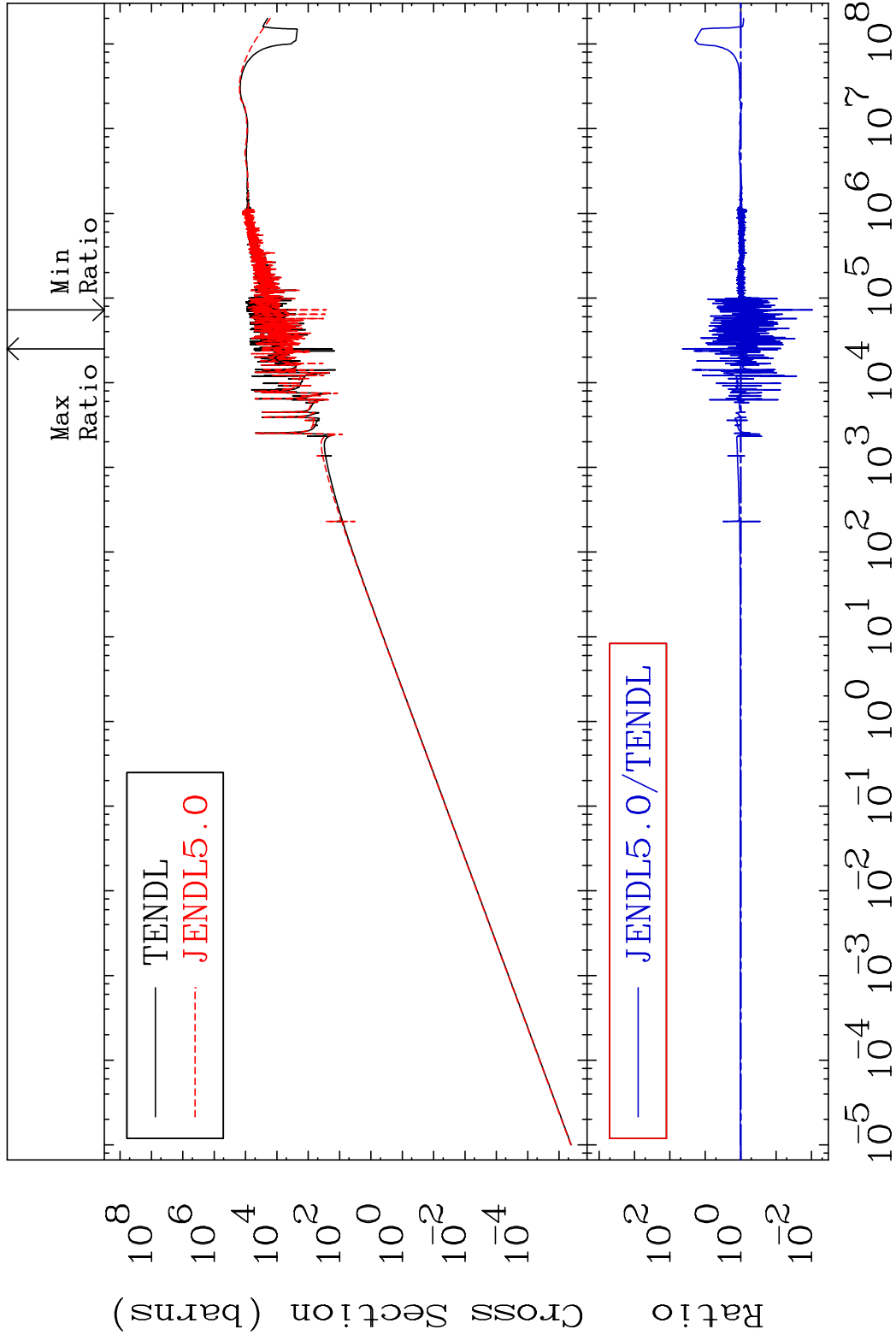


MAT 2931

Kerma elastic

29-Cu-65

Cross Section -99.07 To 4351. %

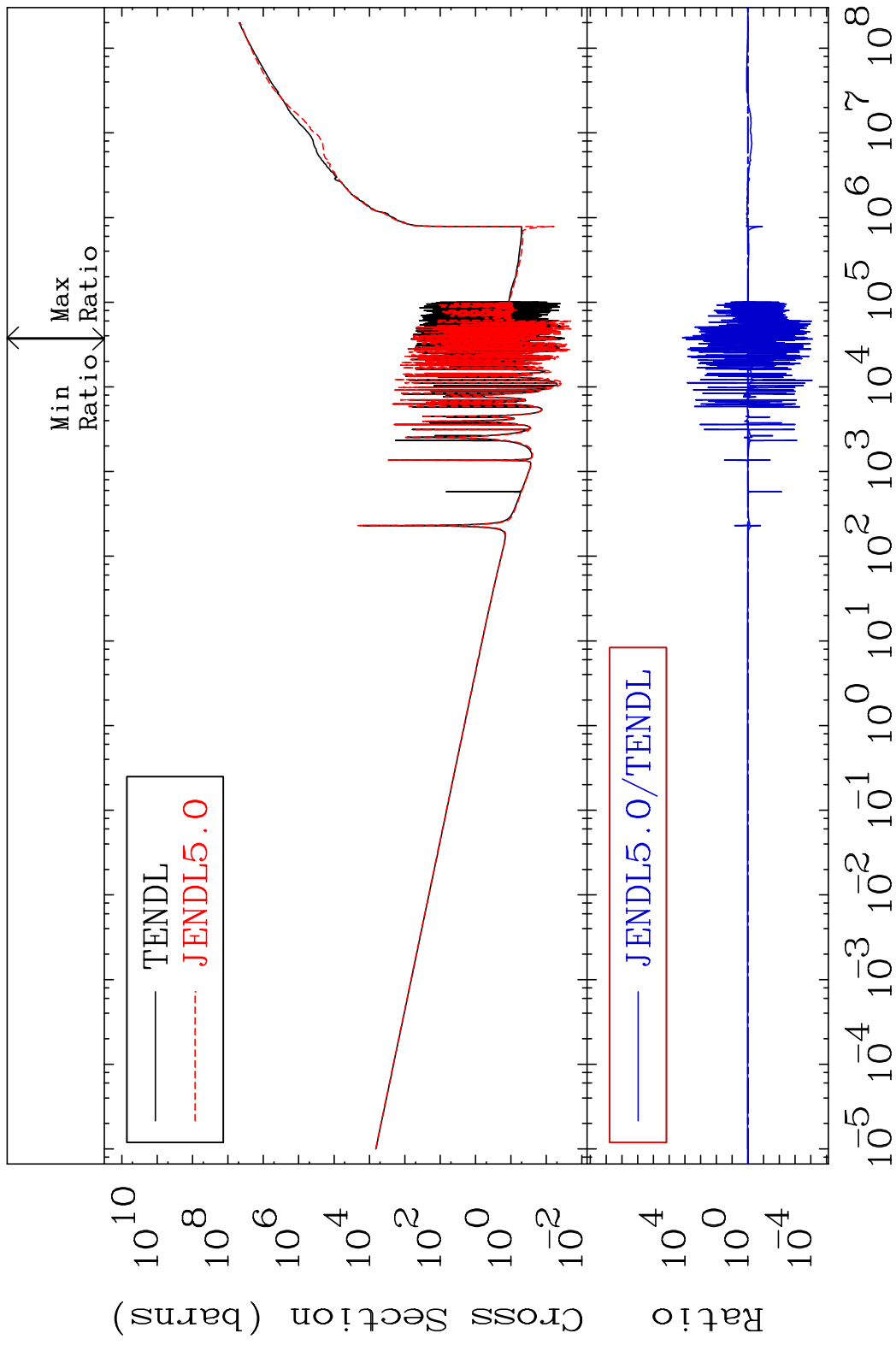


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Incident Energy (eV)

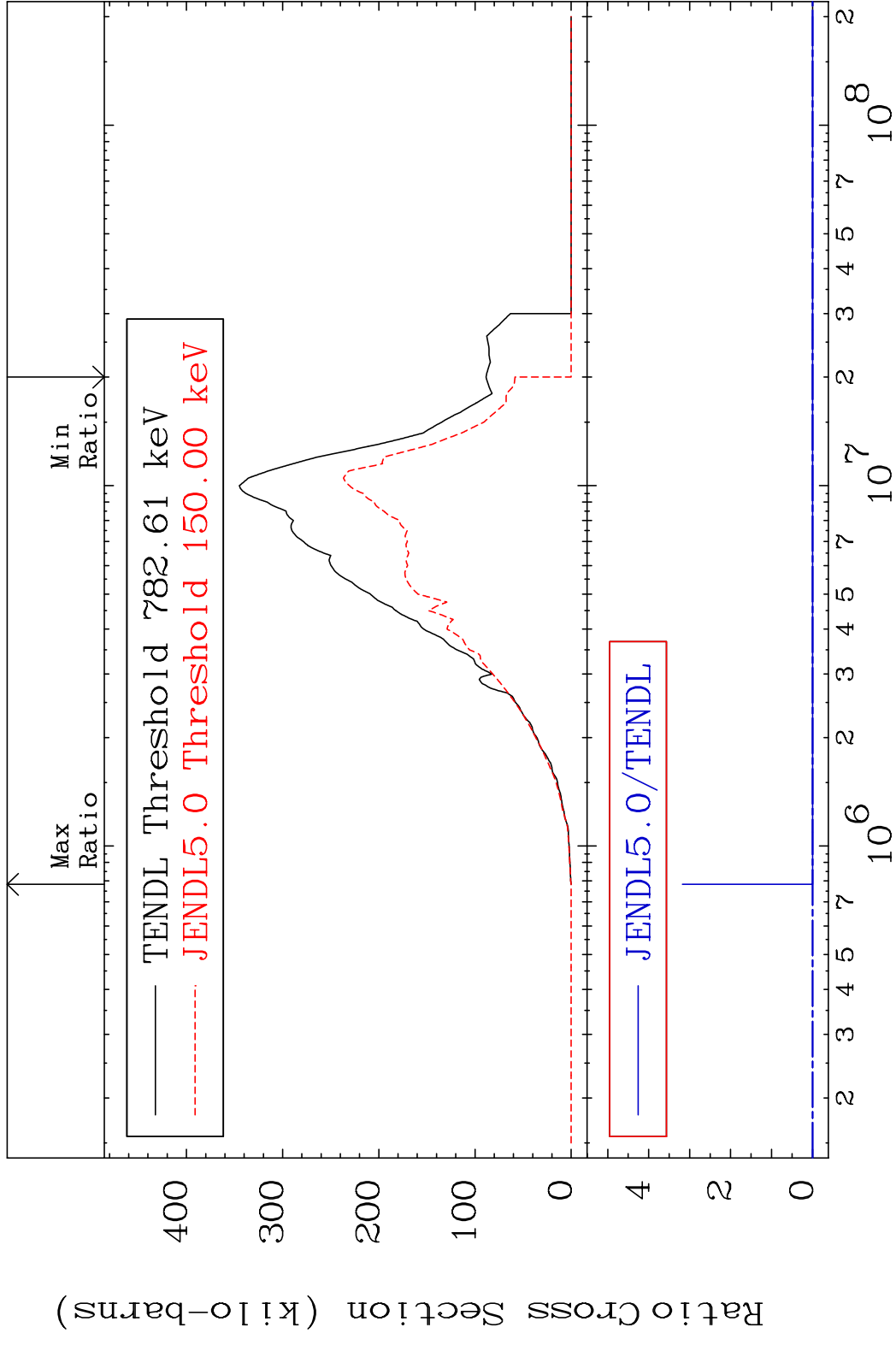
29-Cu-65

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

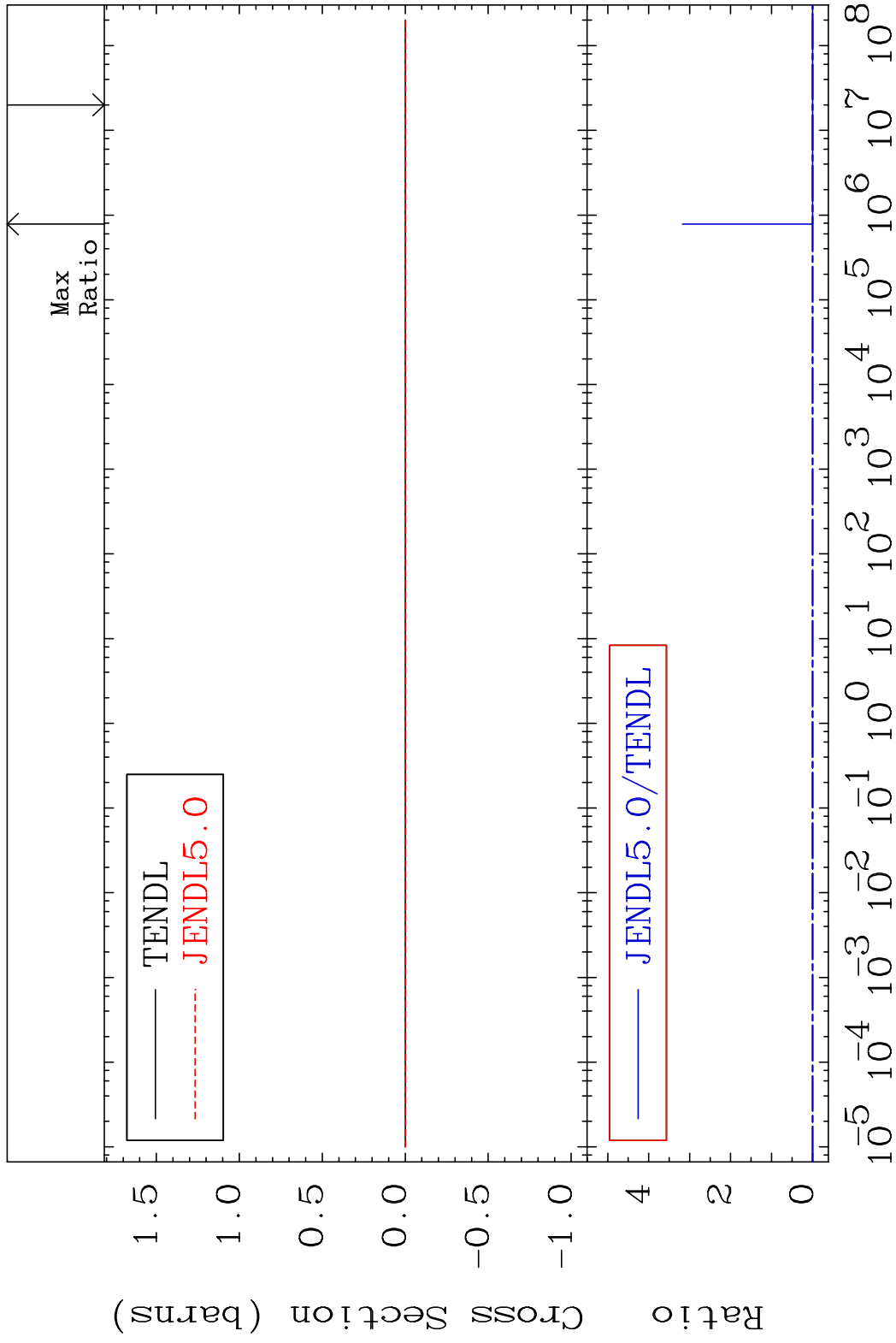


50 Incident Energy (eV) 29-Cu-65

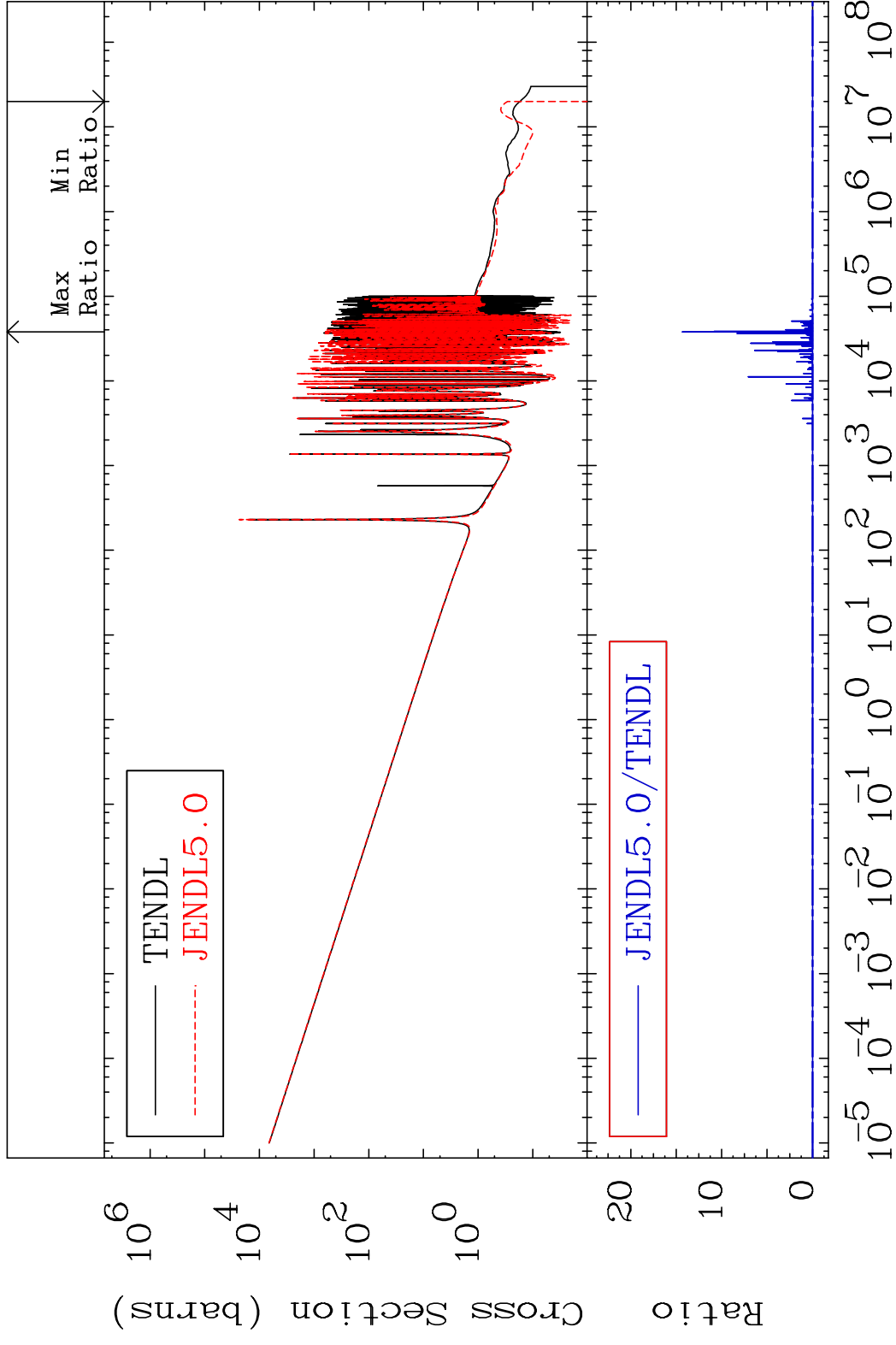
MAT 2931 Kerma inelastic (mt51-91) 29-Cu-65
 Cross Section -100.0 To 9999. %



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

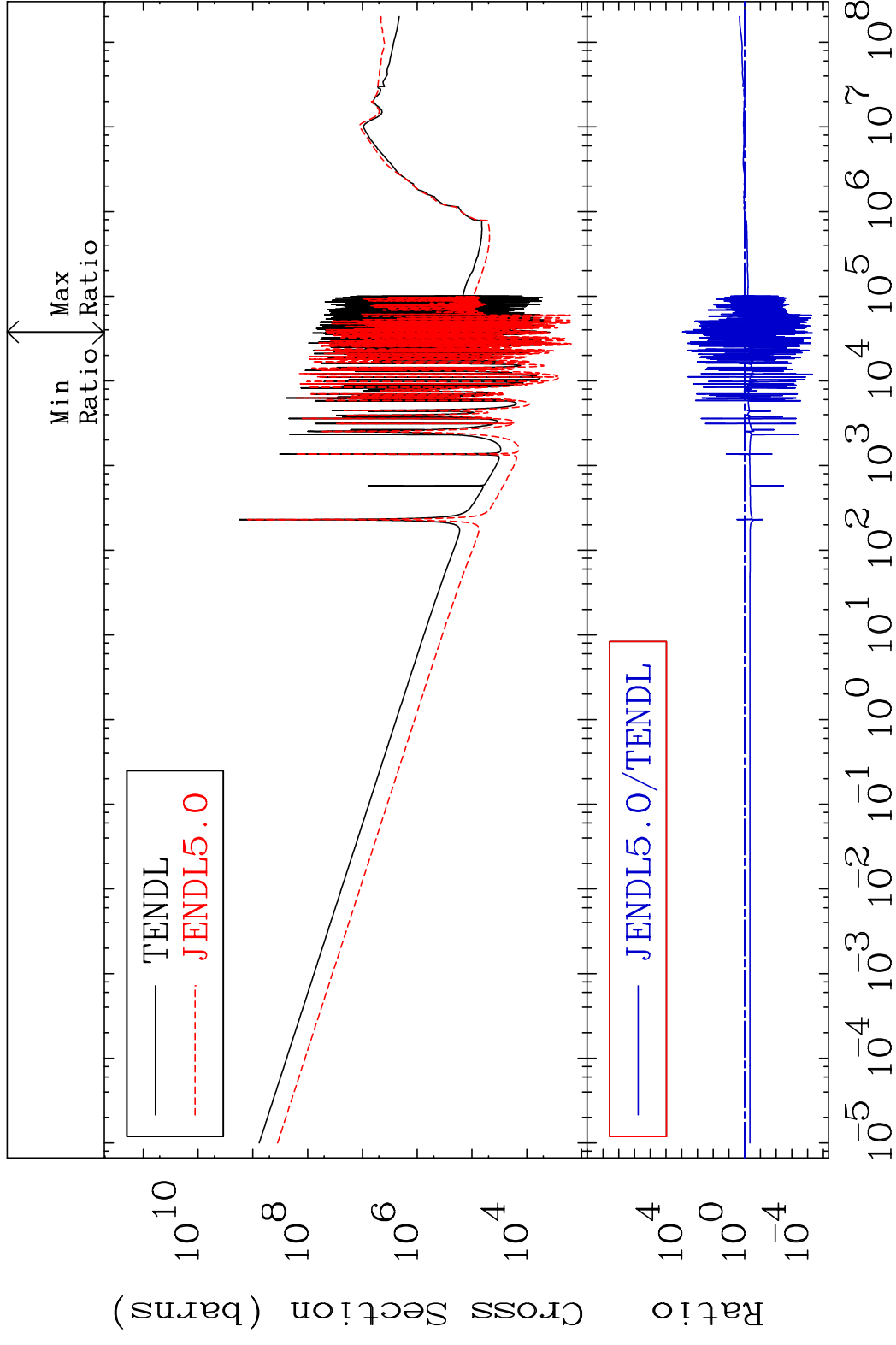


MAT 2931 Kerma capture (mt102) 29-Cu-65
 Cross Section -100.0 To 9999. %



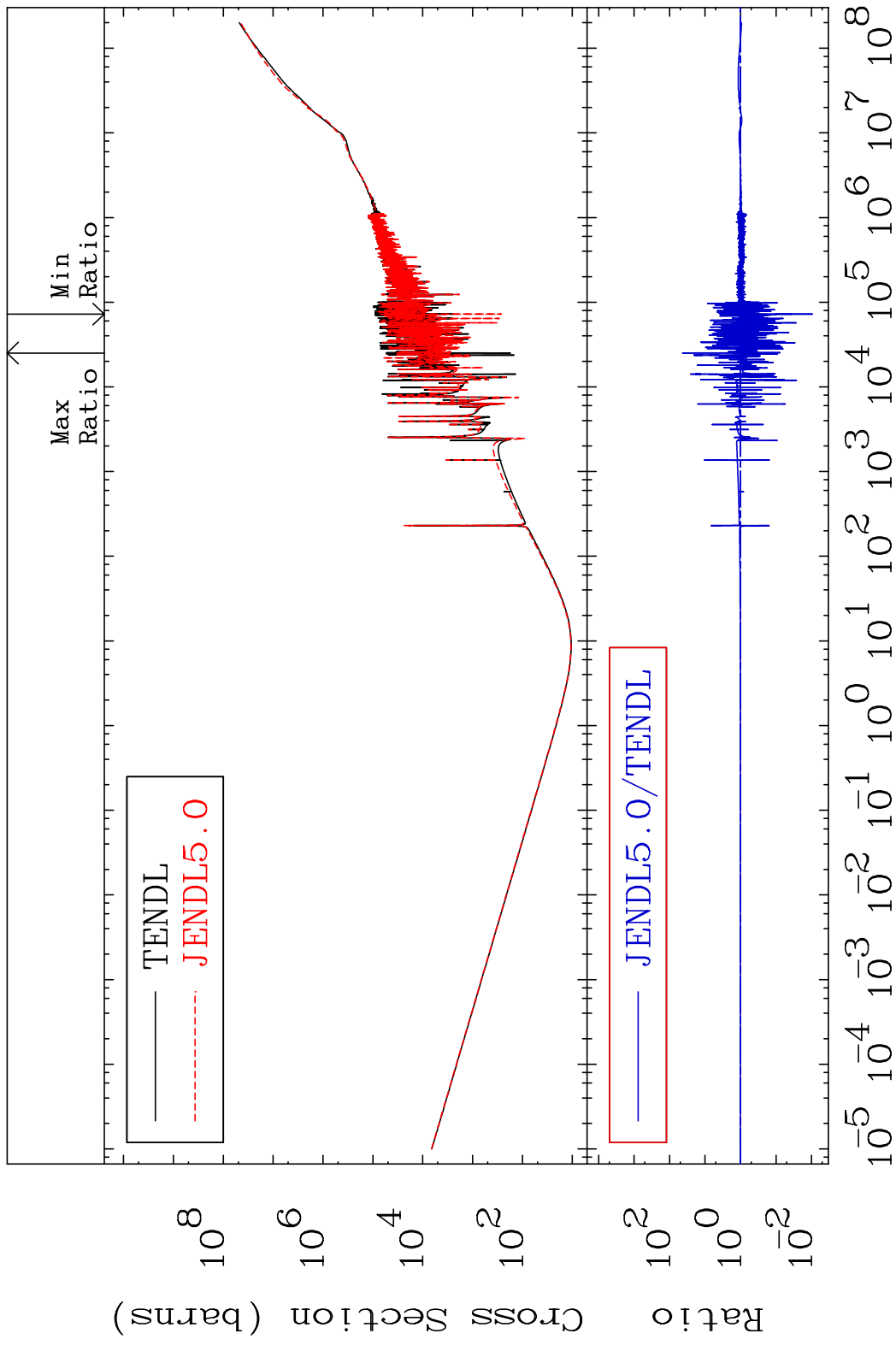
53 Incident Energy (eV) 29-Cu-65

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

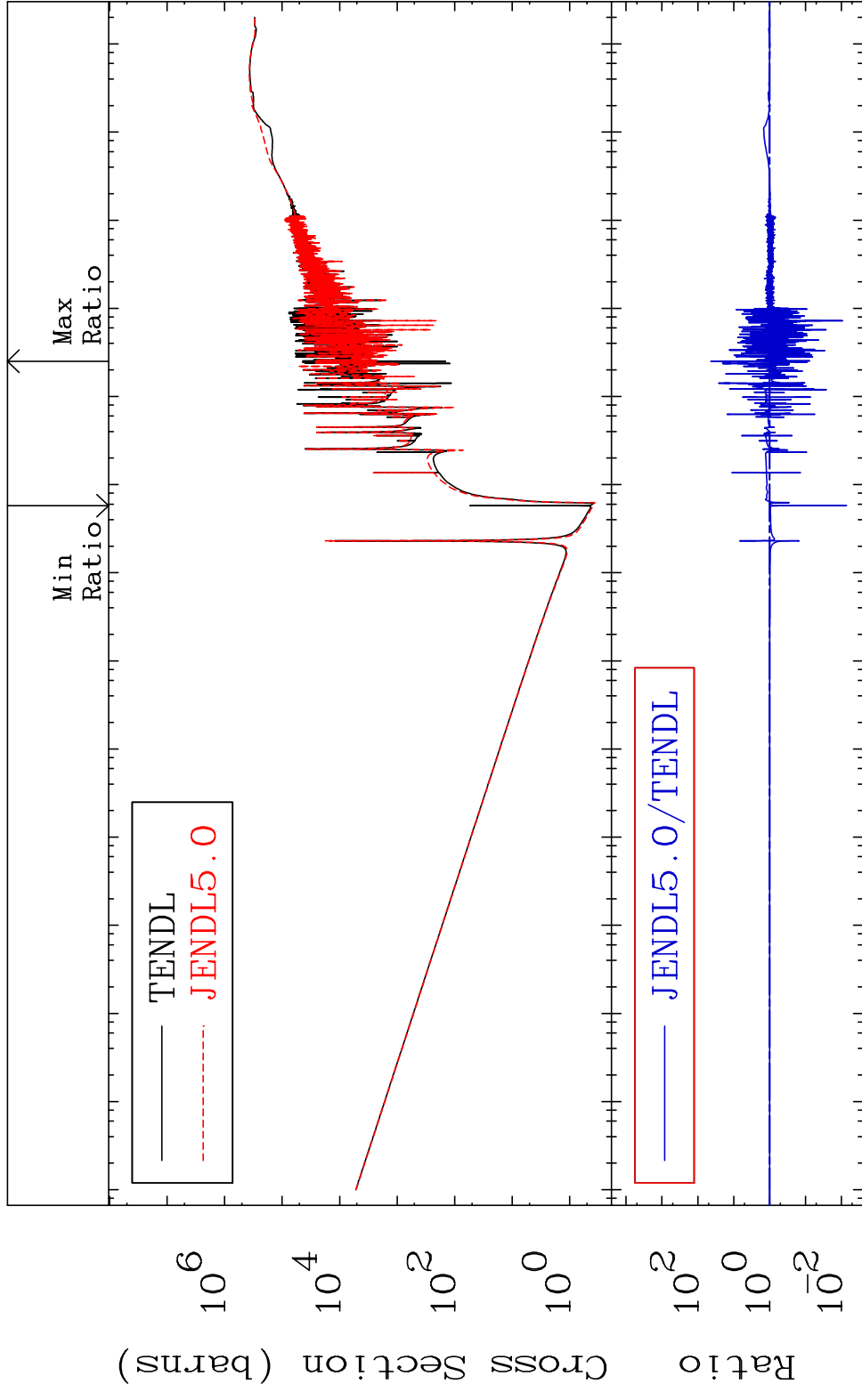


54 Incident Energy (eV) 29-Cu-65

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. %

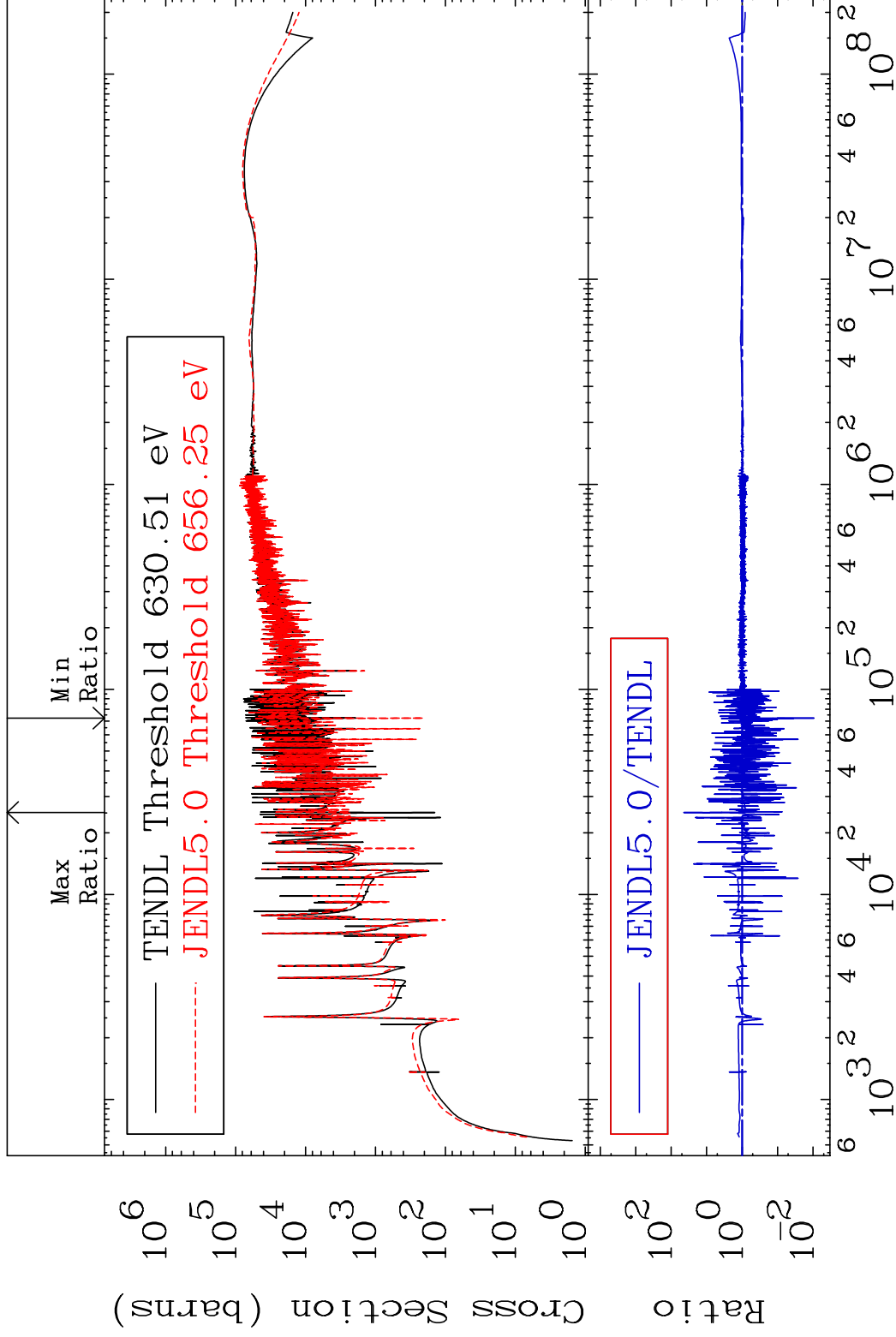


MAT 2931

Dpa elastic (mt2)

29-Cu-65

Cross Section -99.07 To 4349. %

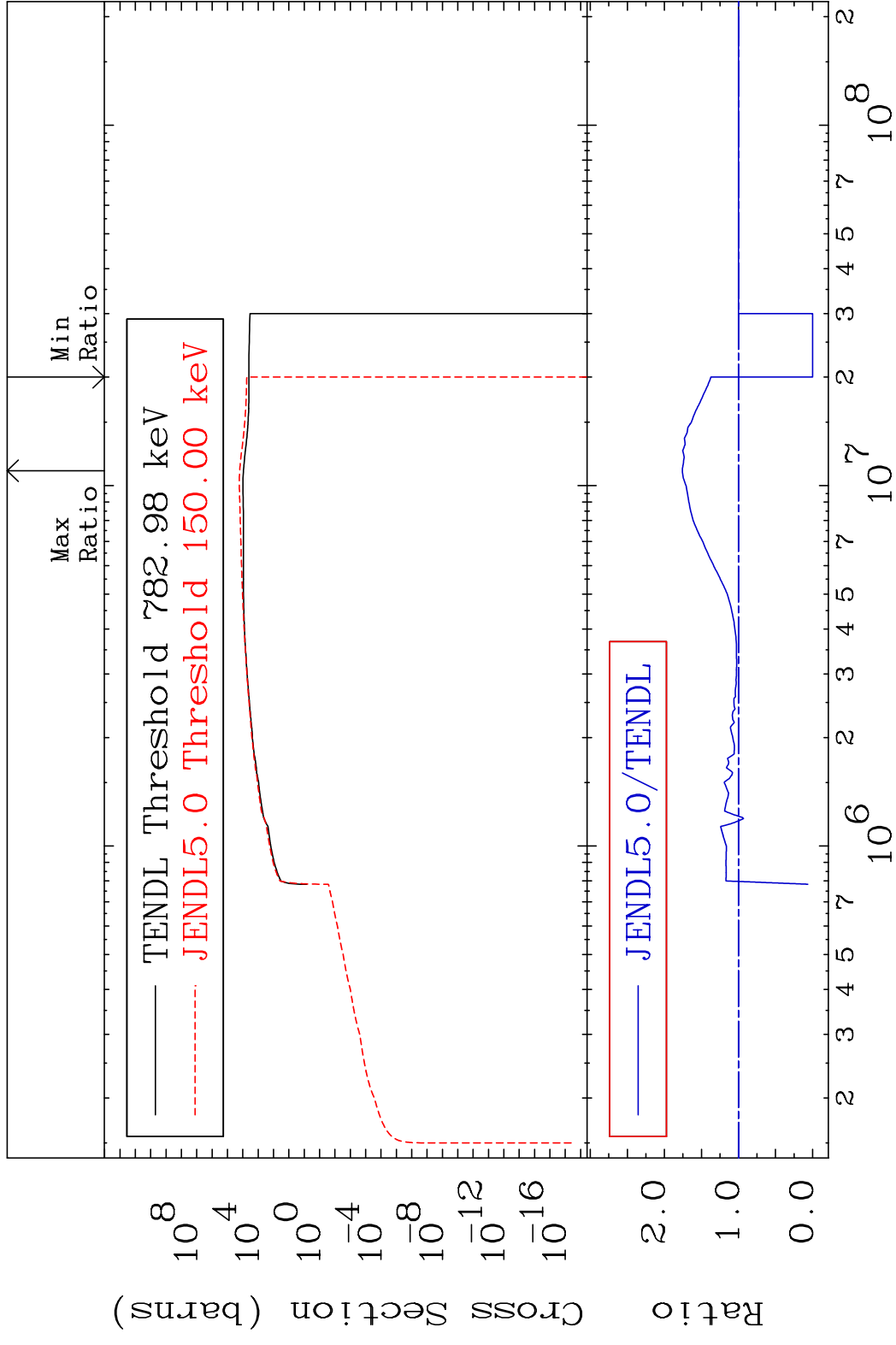


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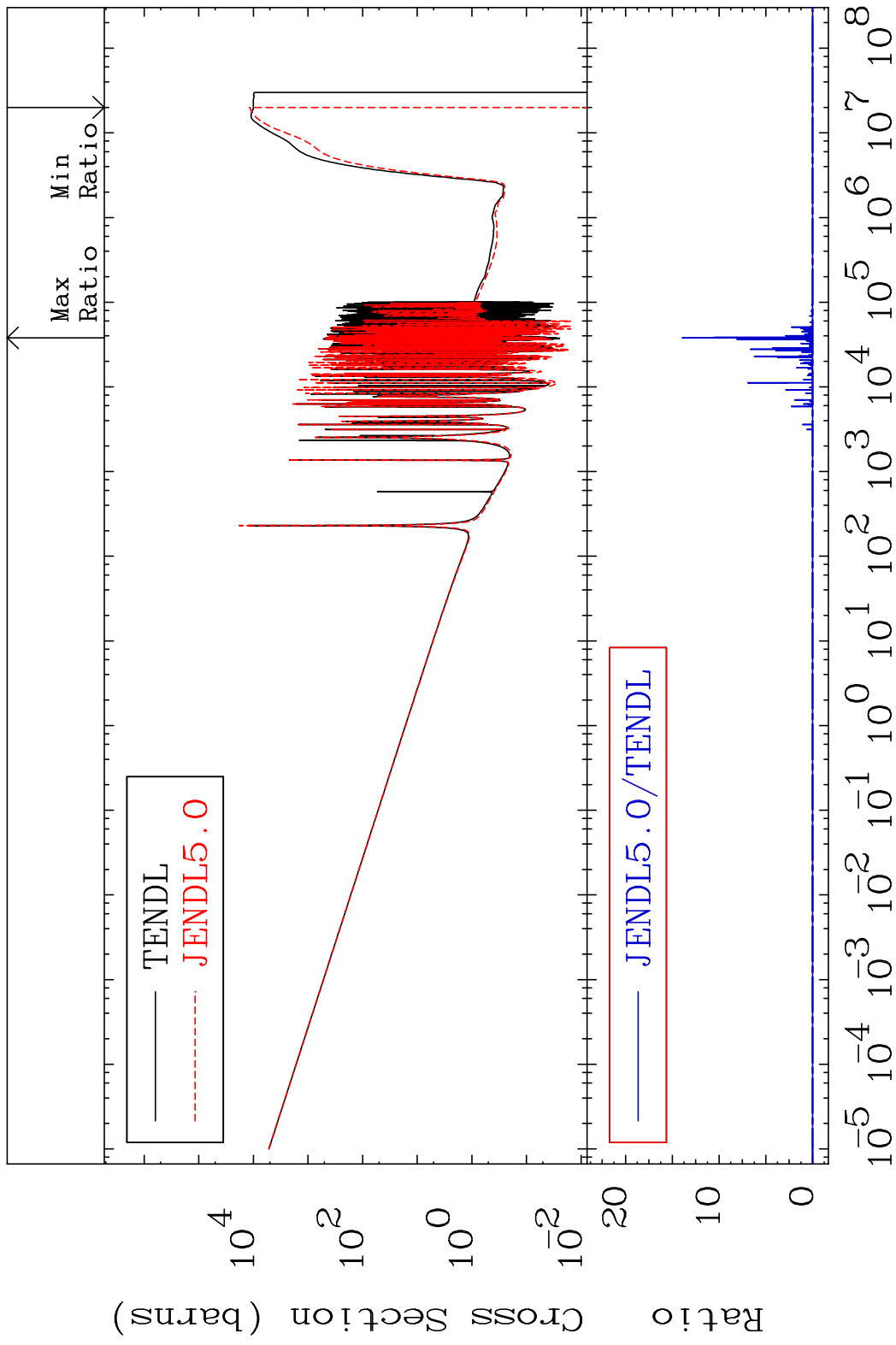
Incident Energy (eV)

29-Cu-65

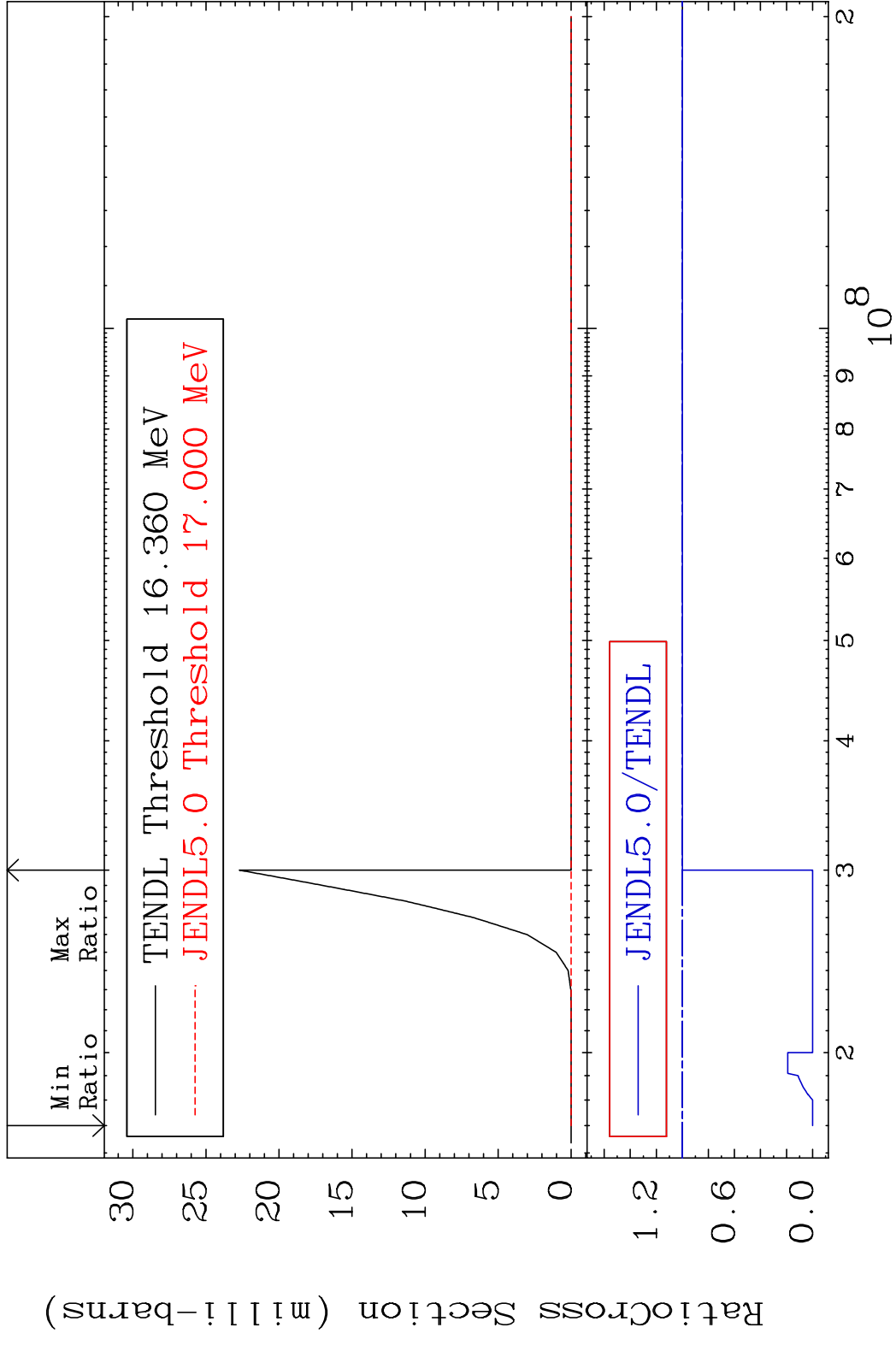
MAT 2931 Dpa inelastic (mt51-91) 29-Cu-65
 Cross Section -100.0 To 75.76 %



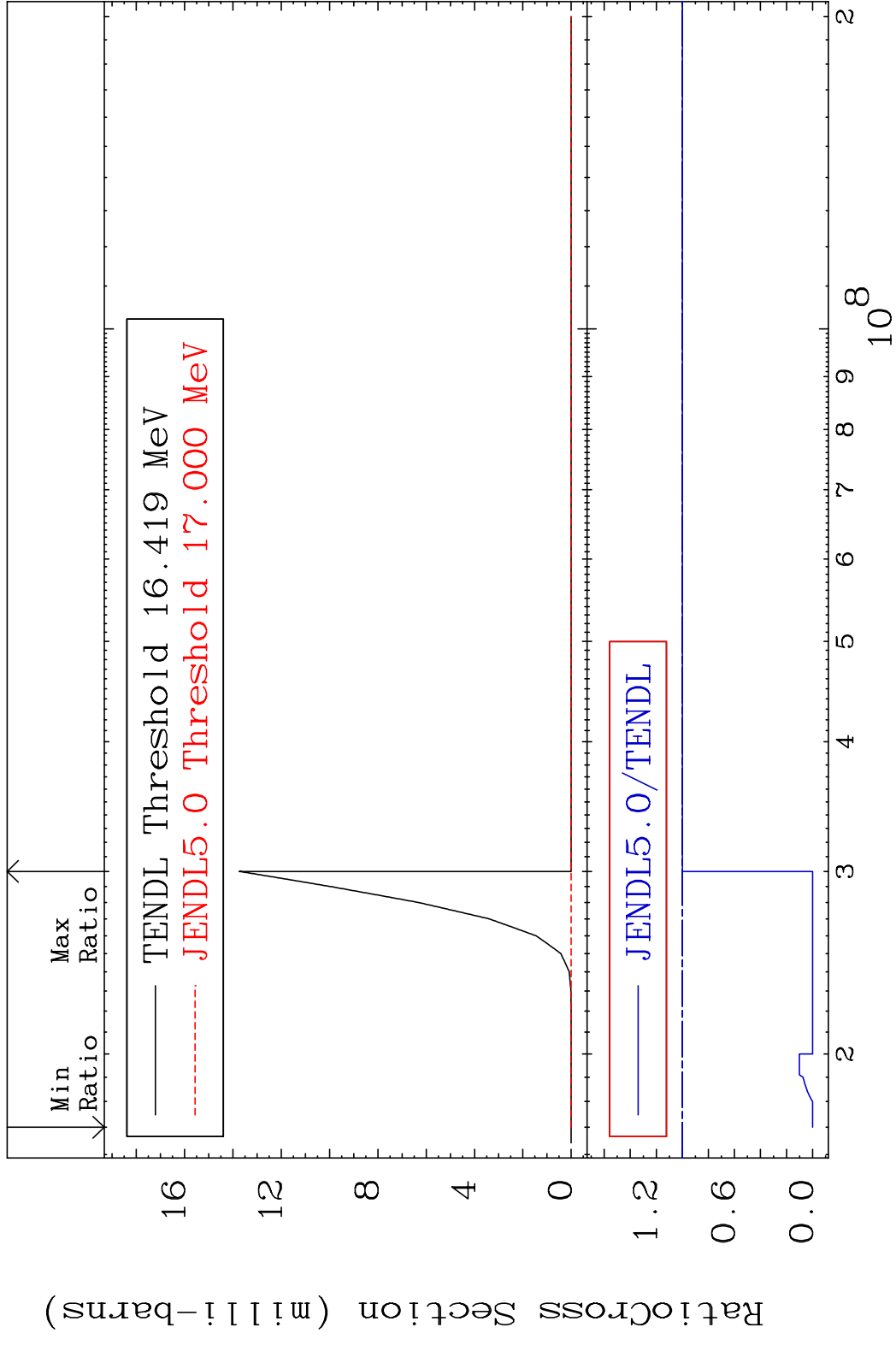
MAT 2931 Dpa disappearance (mt102 -120) 29-Cu-65
 Cross Section -100.0 To 9999. %



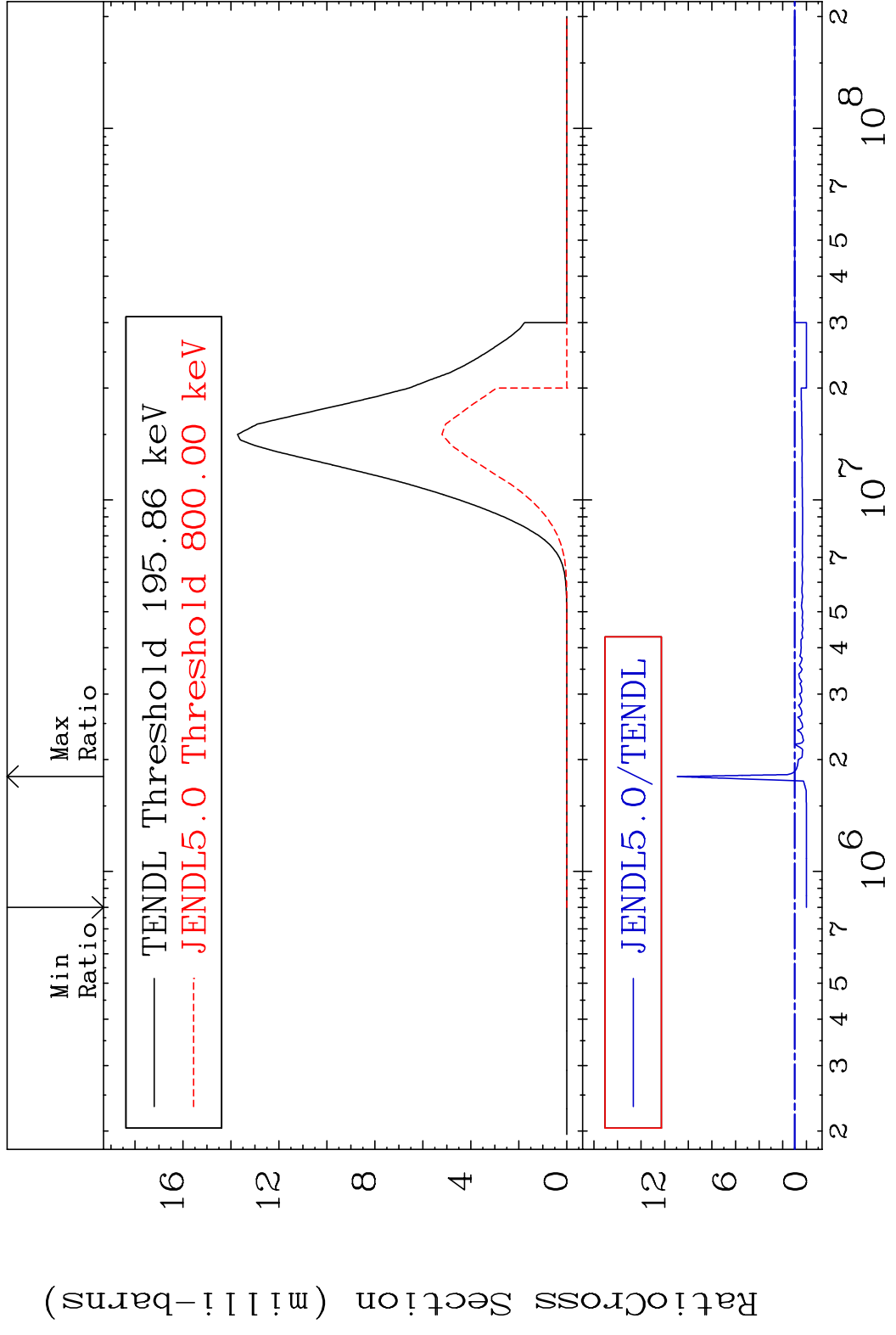
MAT 2931 (n,2n) α :27-Co-60g 29-Cu-65
 Radionuclide Production Cross Section Ratio 0.000 %



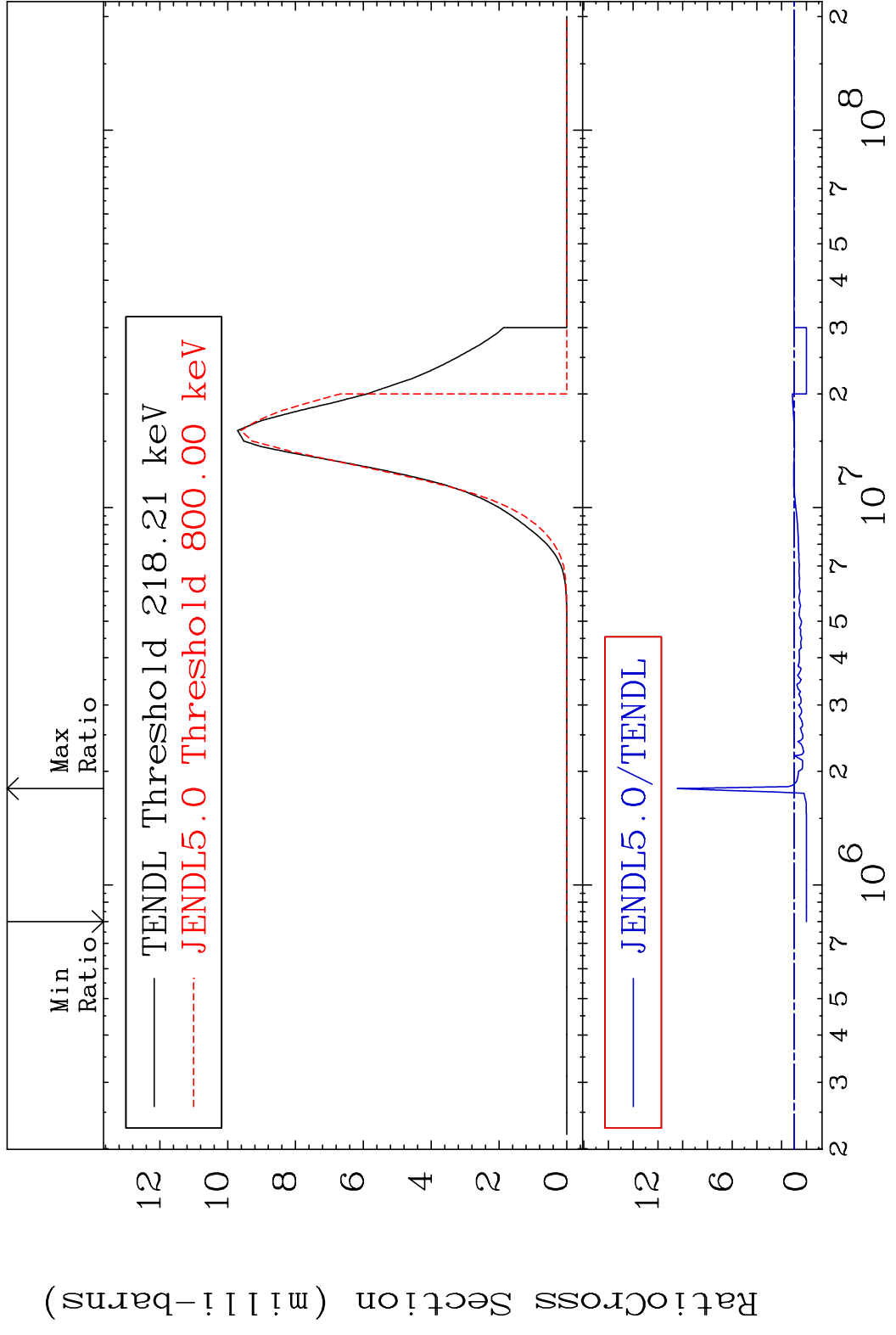
MAT 2931 (n,2n) α :27-Co-60m1 29-Cu-65
 Radionuclide Production Cross Section Ratio 0.000 %



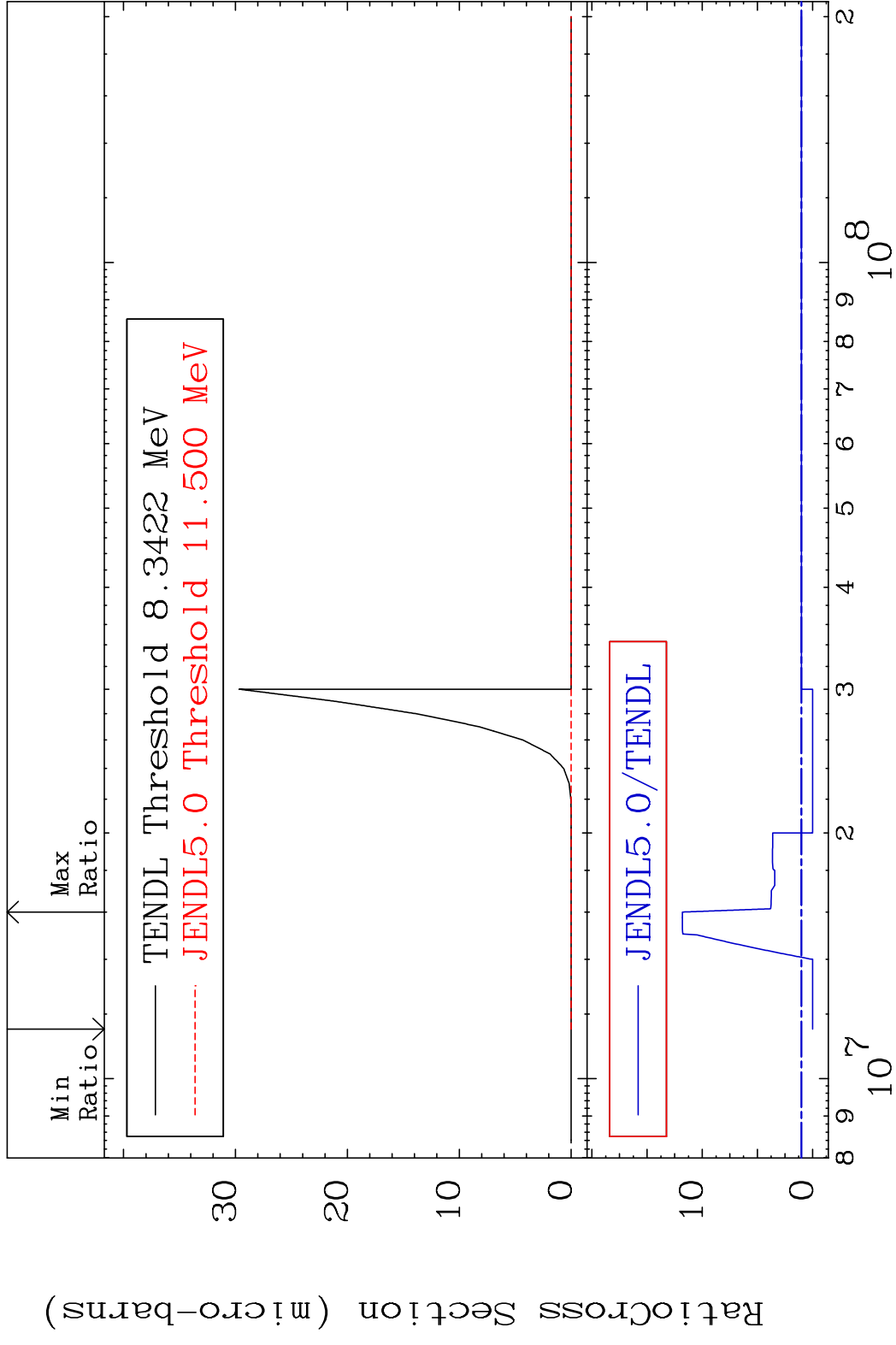
MAT 2931 (n, α): 27-Co-62g 29-Cu-65
 Radionuclide Production Cross Section Ratio 994.4 %



62 Incident Energy (eV) 29-Cu-65

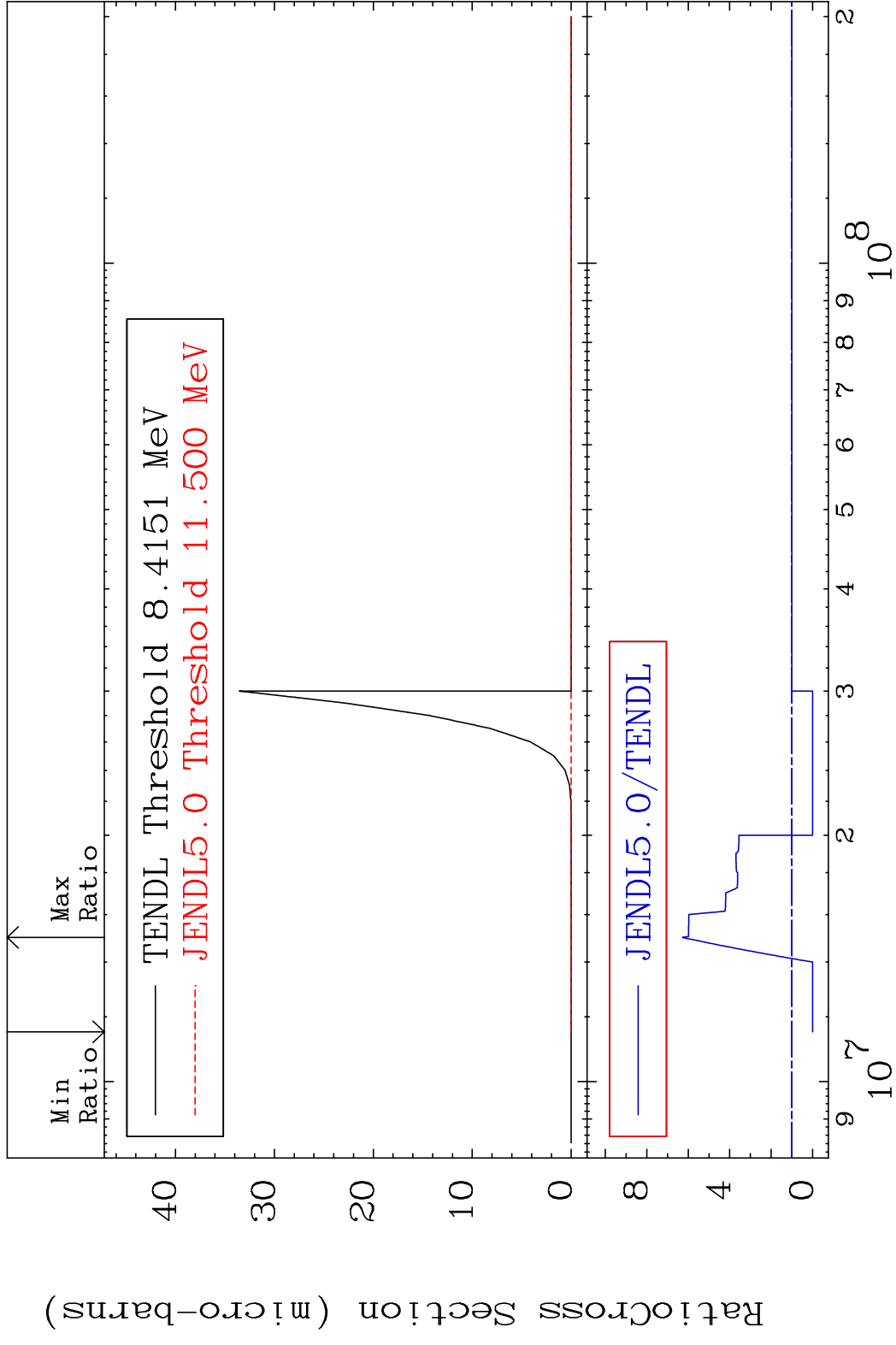


MAT 2931 (n,2α):25-Mn-58g 29-Cu-65
 Radionuclide Production Cross Section 100% 1080. %



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