

Program Complot  
(Version 2021-1)

by

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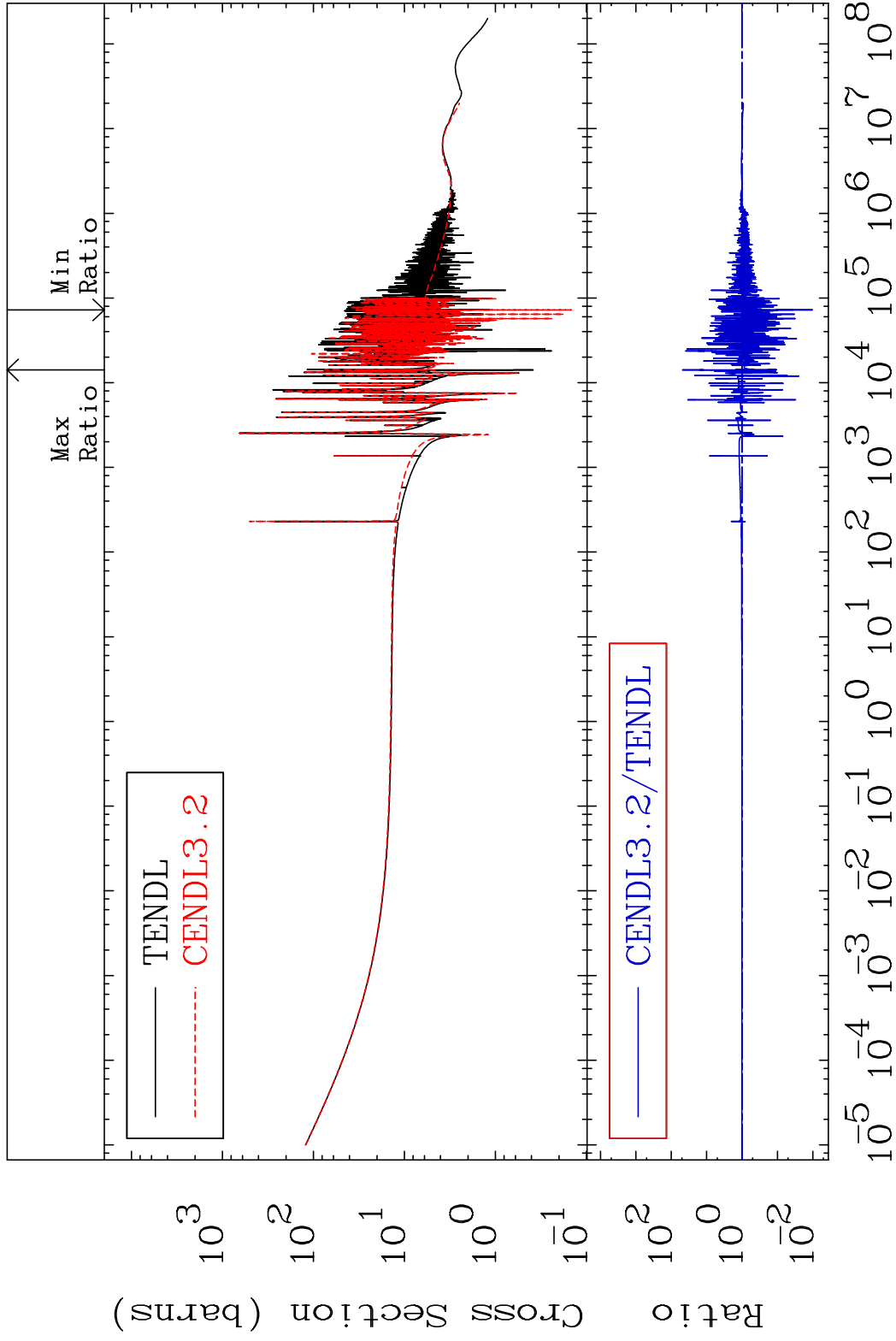
Press Mouse Button to Start

MAT 2931

Total

29-Cu-65

Cross Section -98.99 To 4755. %



1

Incident Energy (eV)

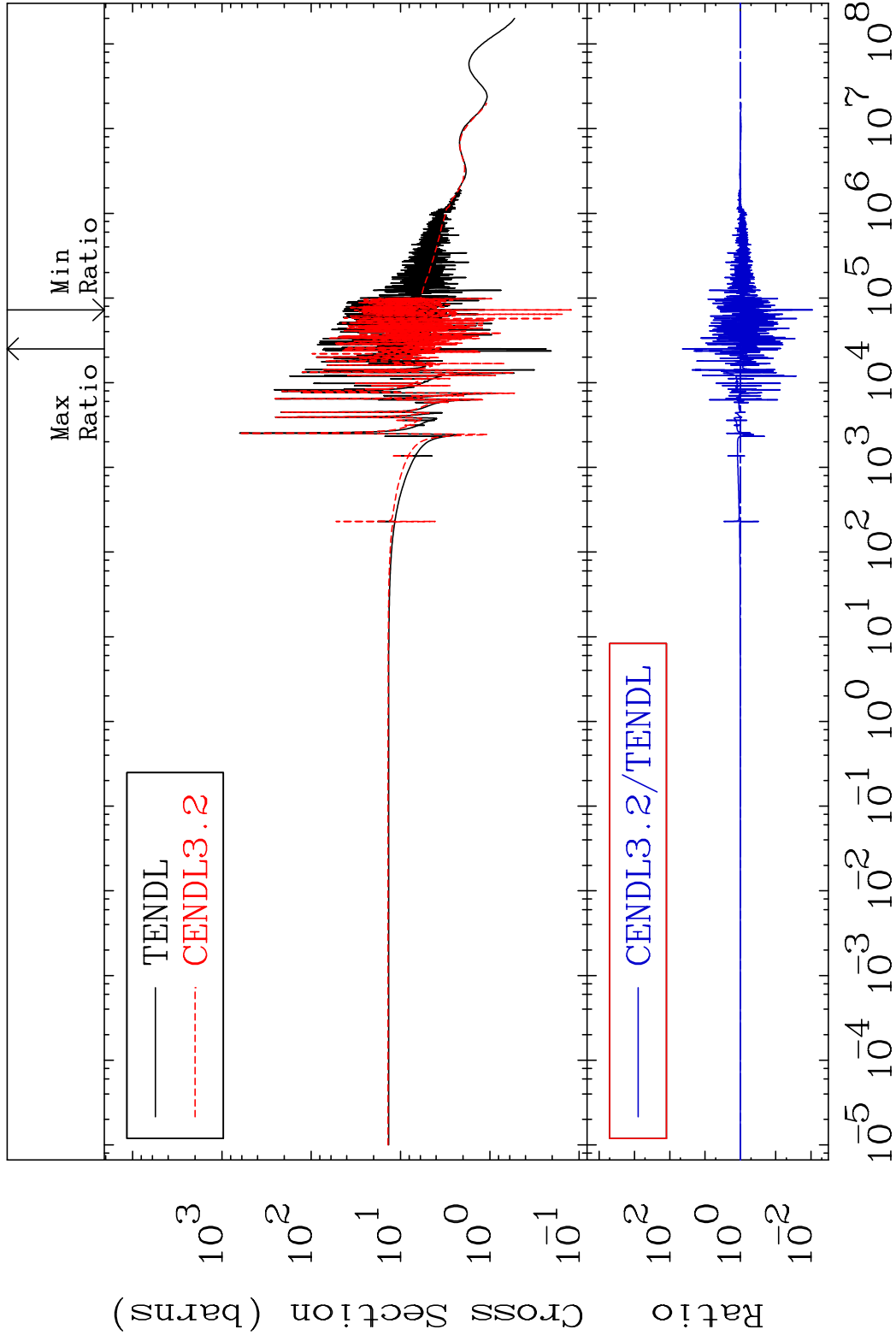
29-Cu-65

MAT 2931

Elastic

29-Cu-65

Cross Section -99.09 To 4296. %

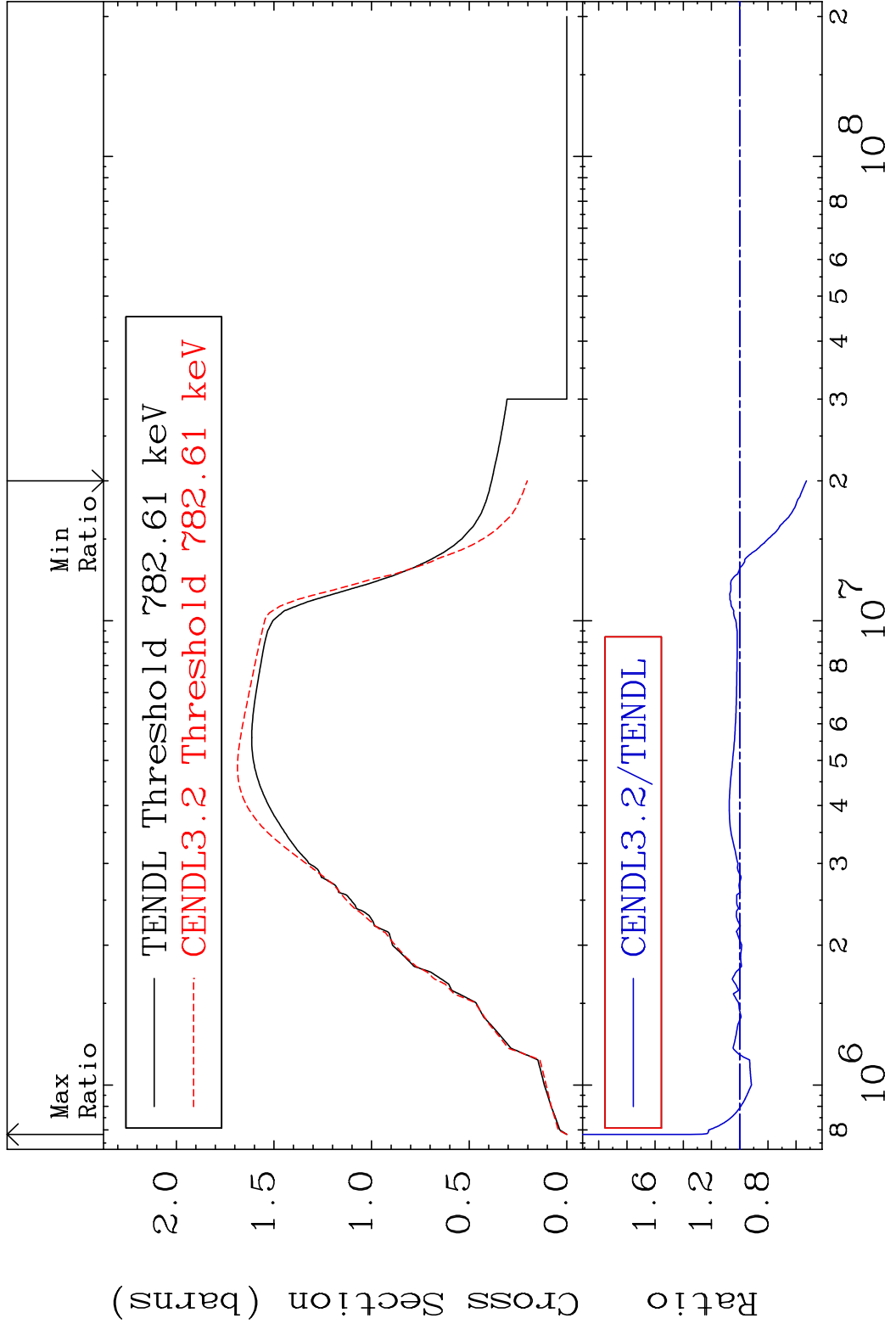


2

Incident Energy (eV)

29-Cu-65

MAT 2931                      Inelastic                      29-Cu-65  
 Cross Section                      -47.33 To 44.34 %



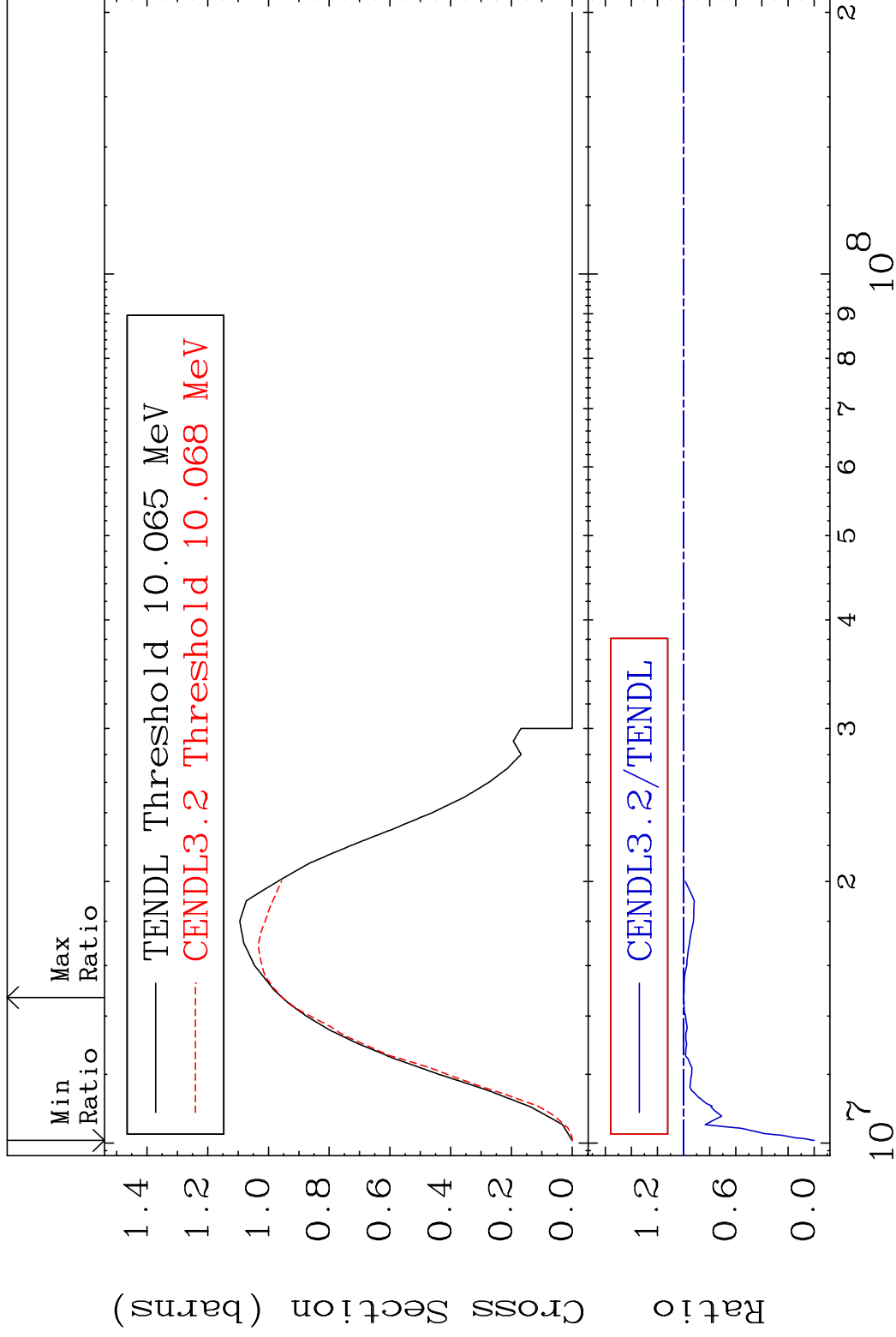
3                      Incident Energy (eV)                      29-Cu-65

MAT 2931

(n,2n)

29-Cu-65

Cross Section -100.0 To -0.056%



29-Cu-65

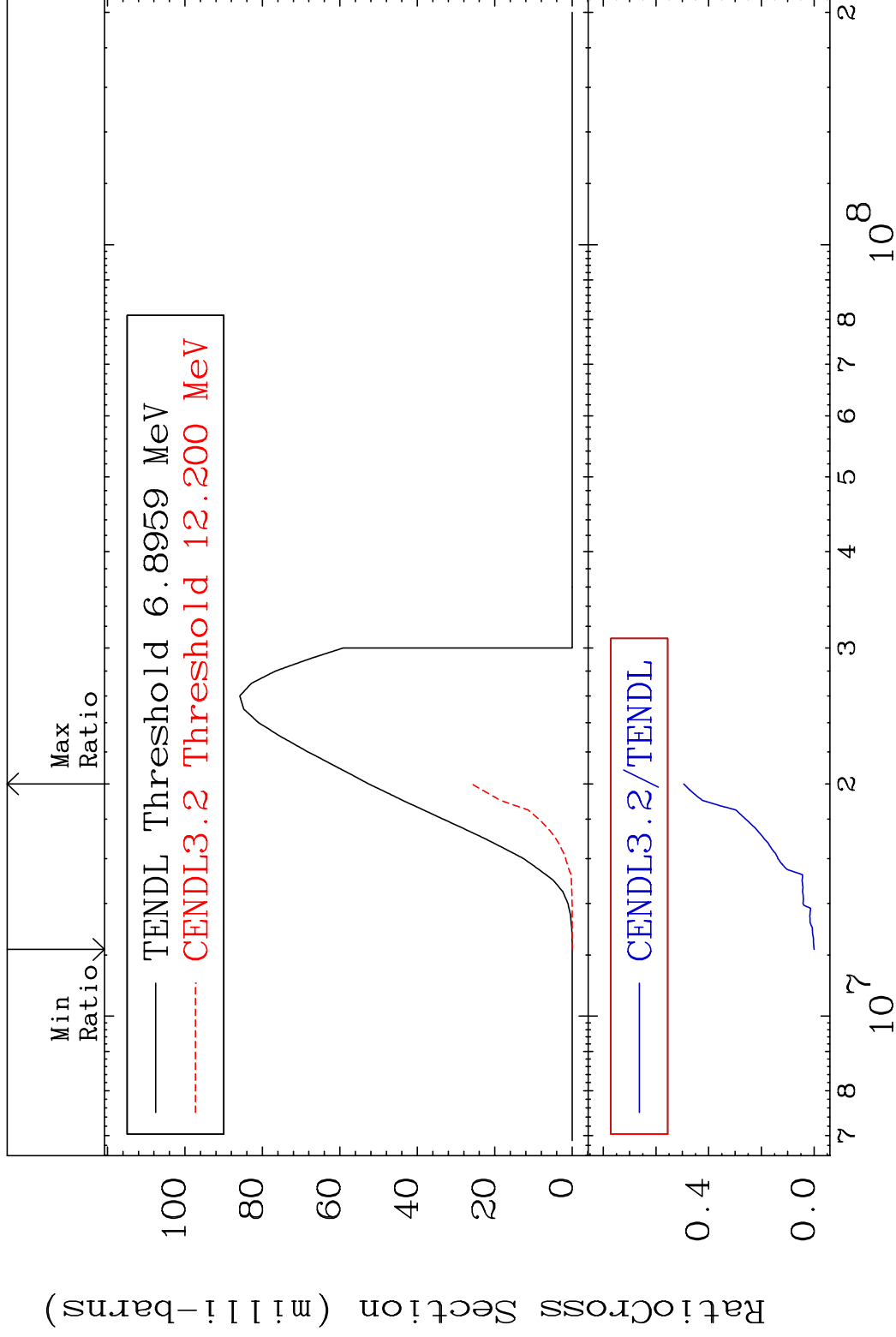
Incident Energy (eV)

MAT 2931

(n, n')  $\alpha$

29-Cu-65

Cross Section -100.0 To -50.50%

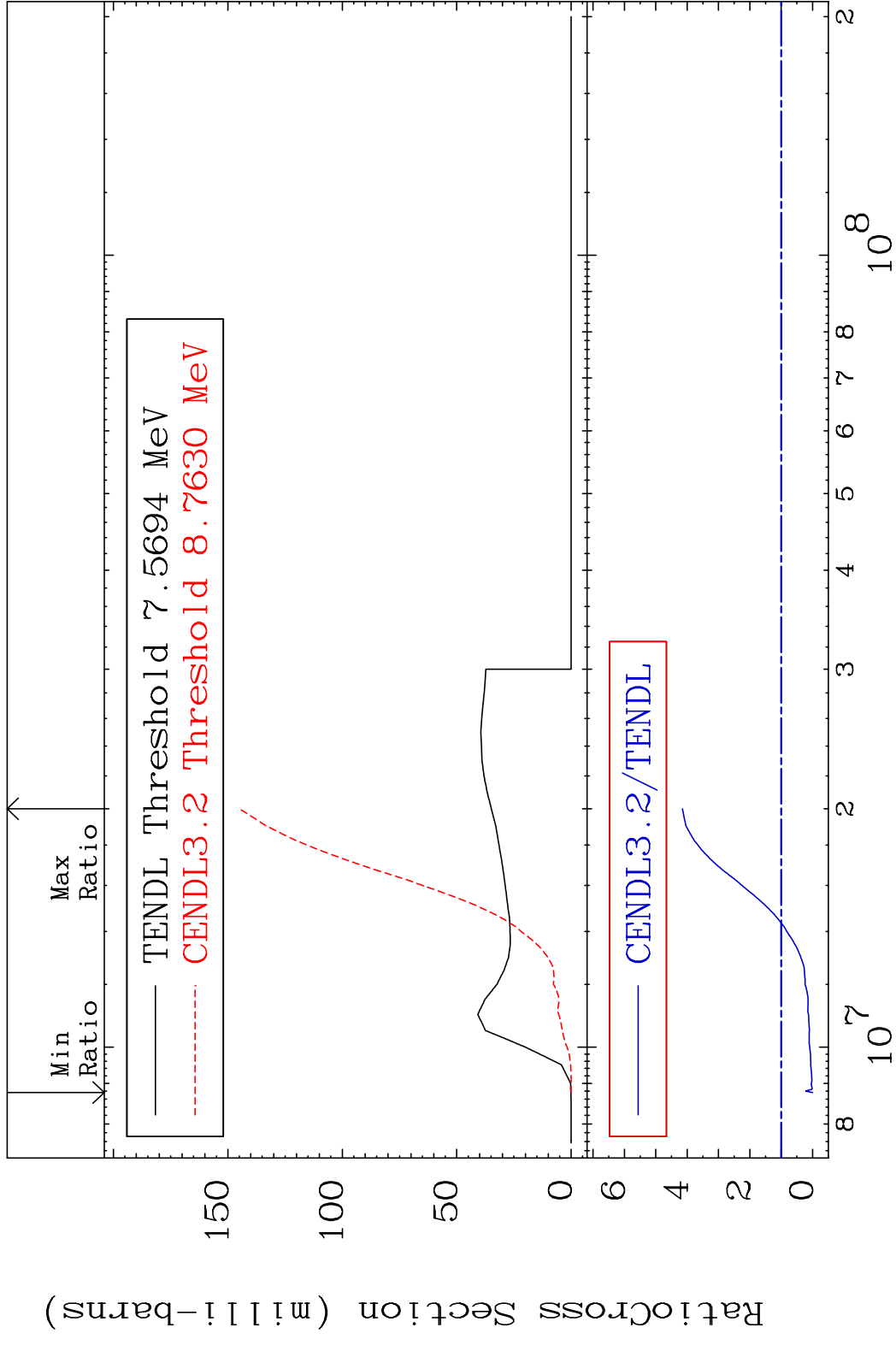


5

Incident Energy (eV)

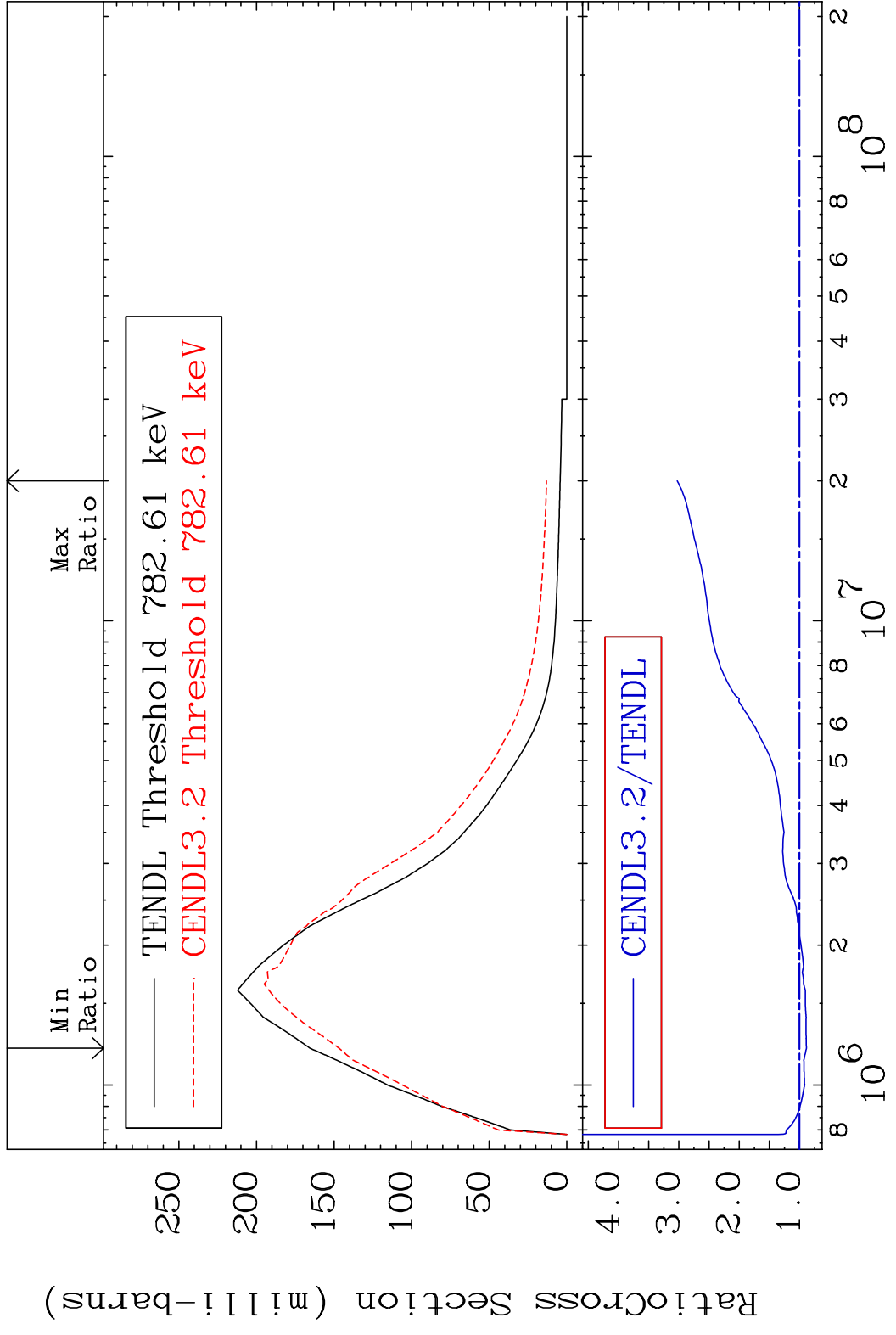
29-Cu-65

MAT 2931 (n, n') p 29-Cu-65  
 Cross Section -100.0 To 315.3 %

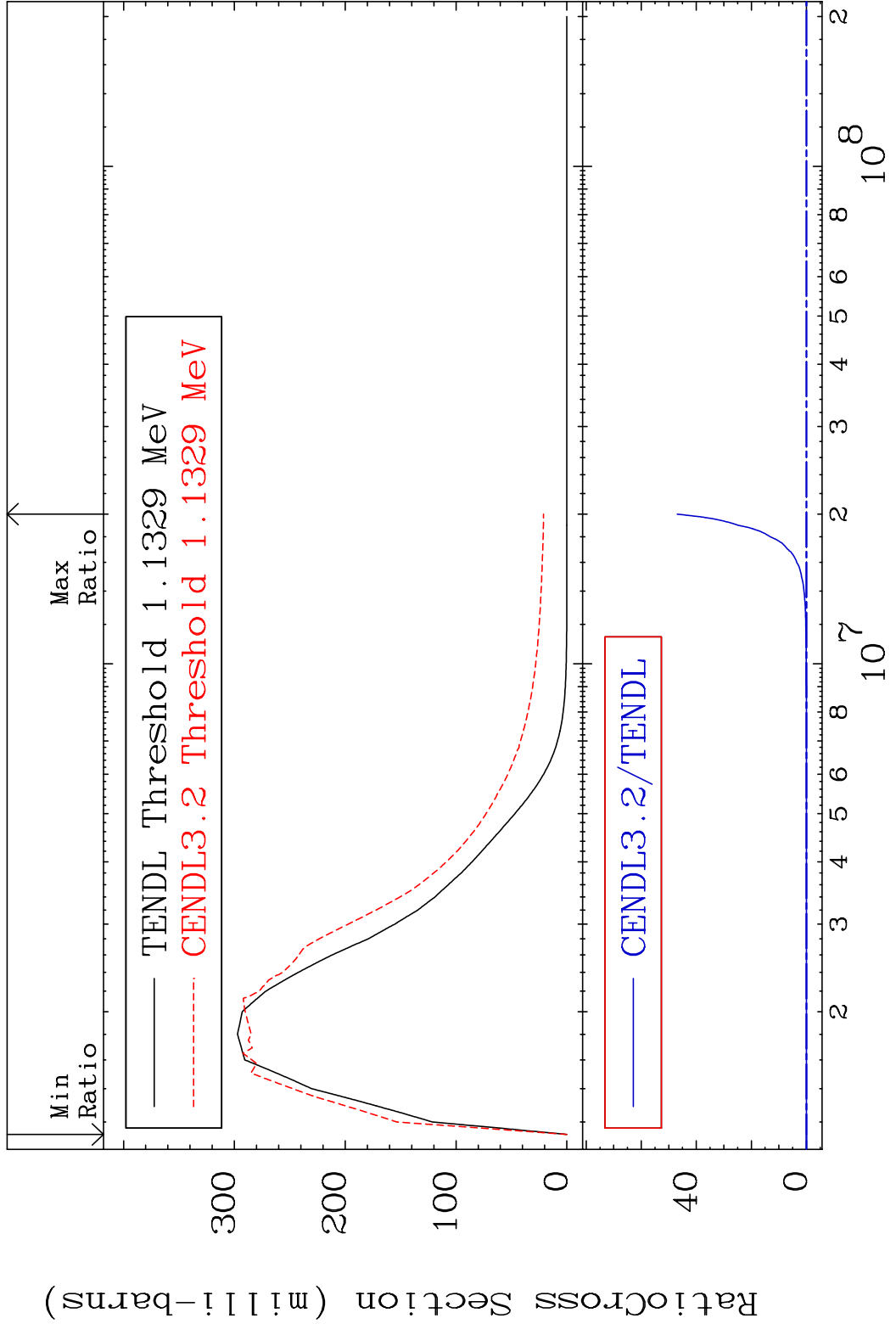


6 29-Cu-65

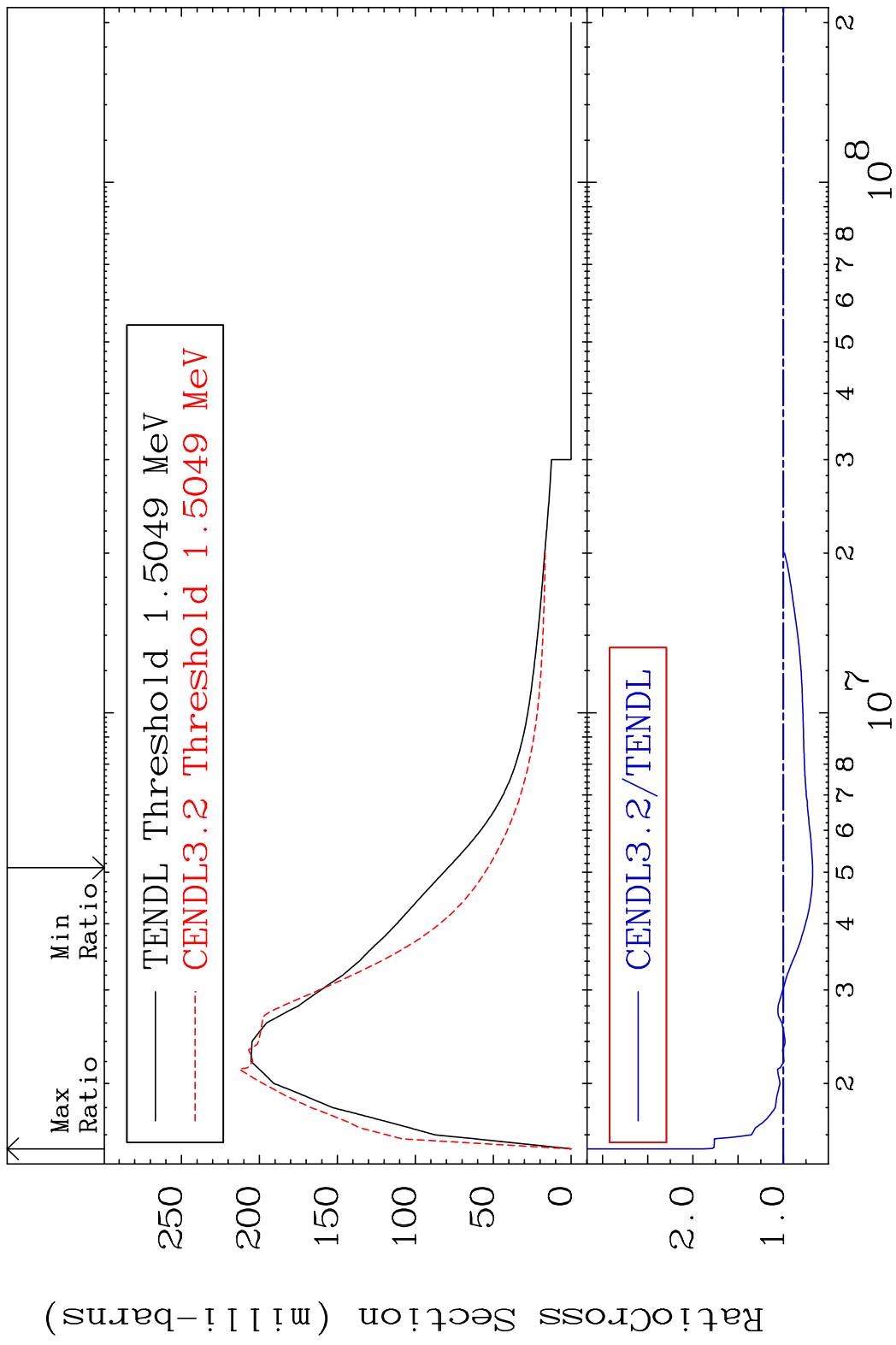
MAT 2931 MT= 51 (n, n') Level 29-Cu-65  
 Cross Section -11.36 To 202.8 %



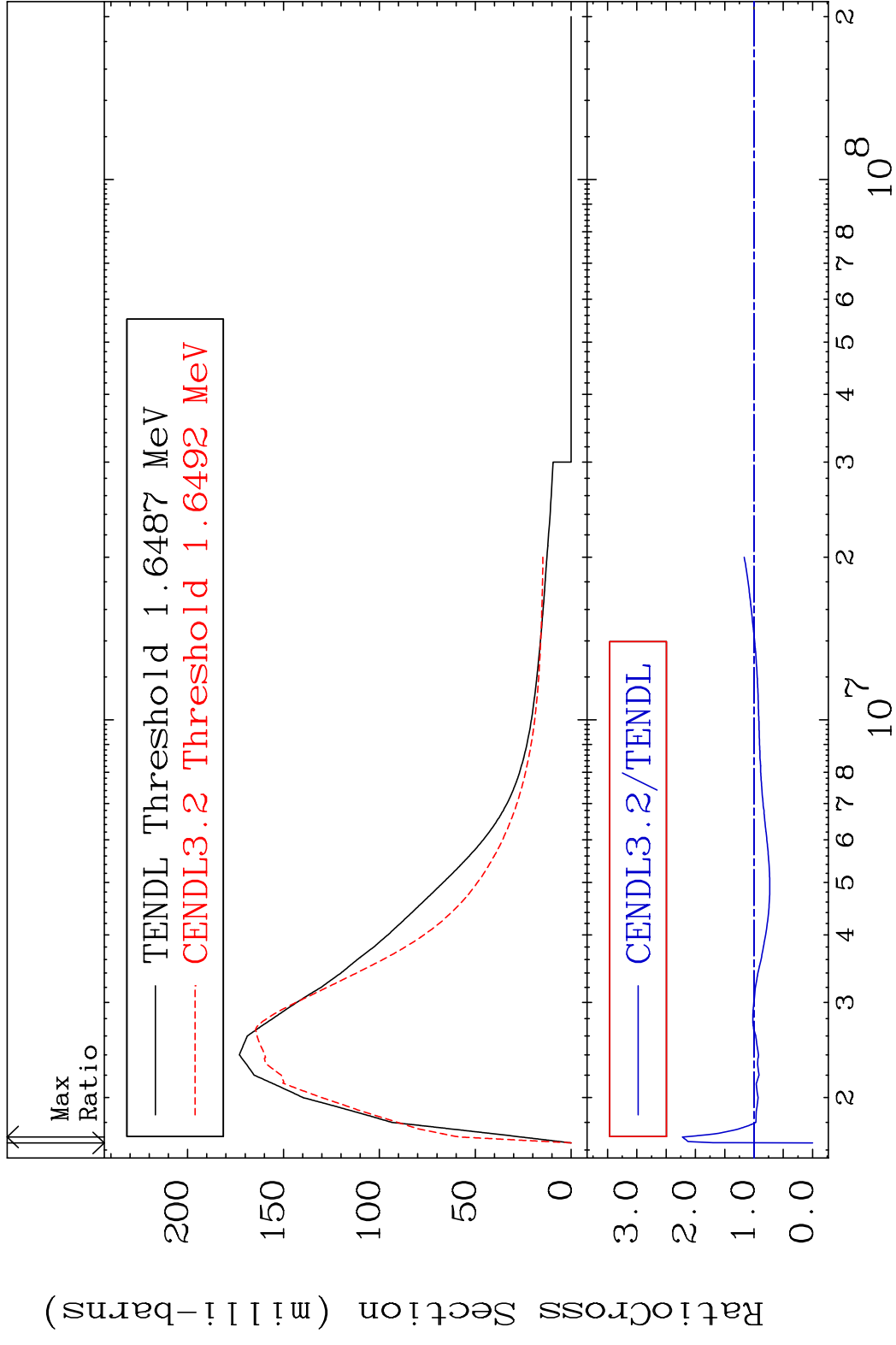
MAT 2931 MT= 52 (n, n') Level 29-Cu-65  
 Cross Section -100.0 To 9999. %



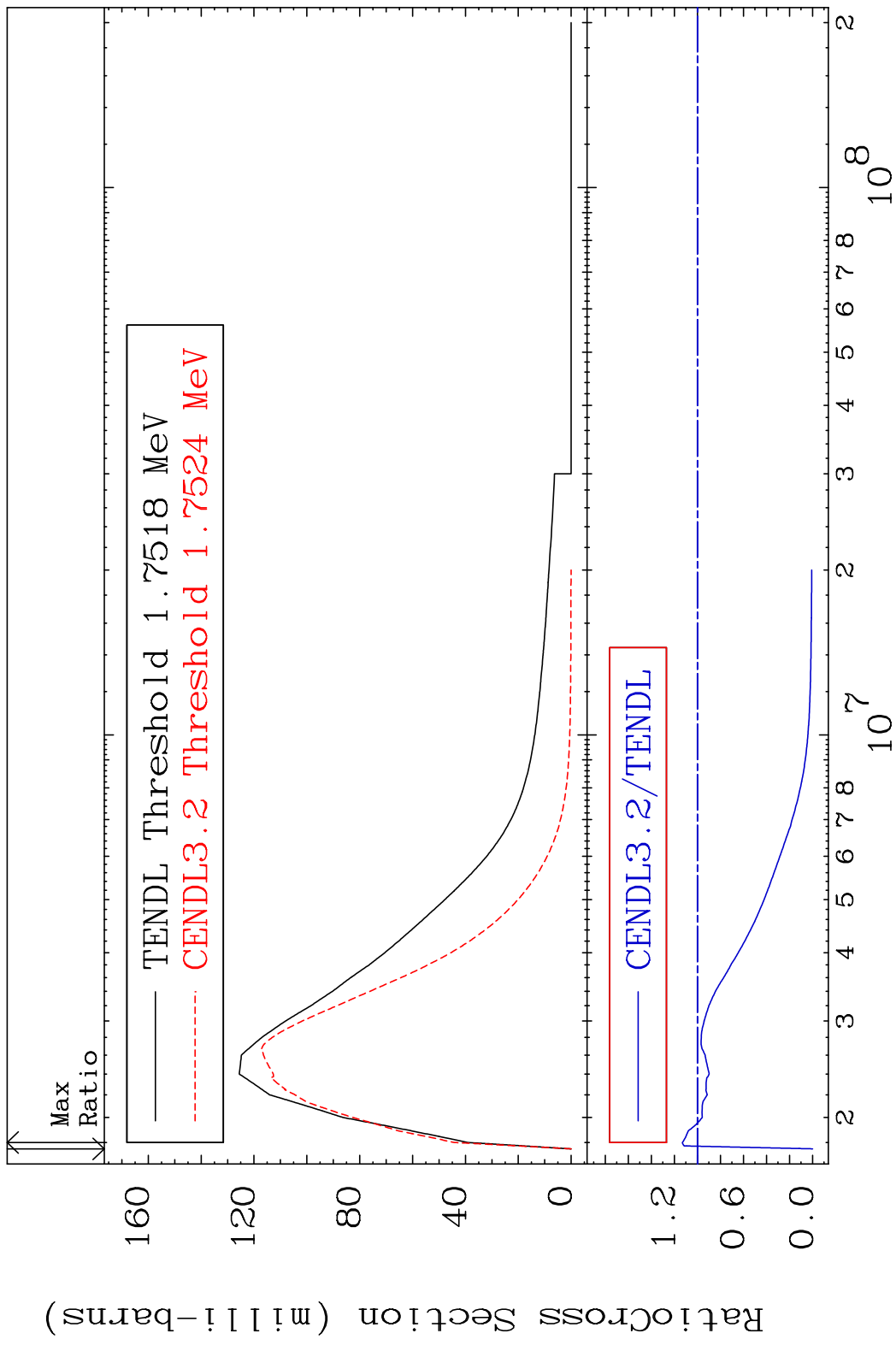
MAT 2931 MT= 53 (n, n') Level 29-Cu-65  
 Cross Section -32.38 To 111.8 %



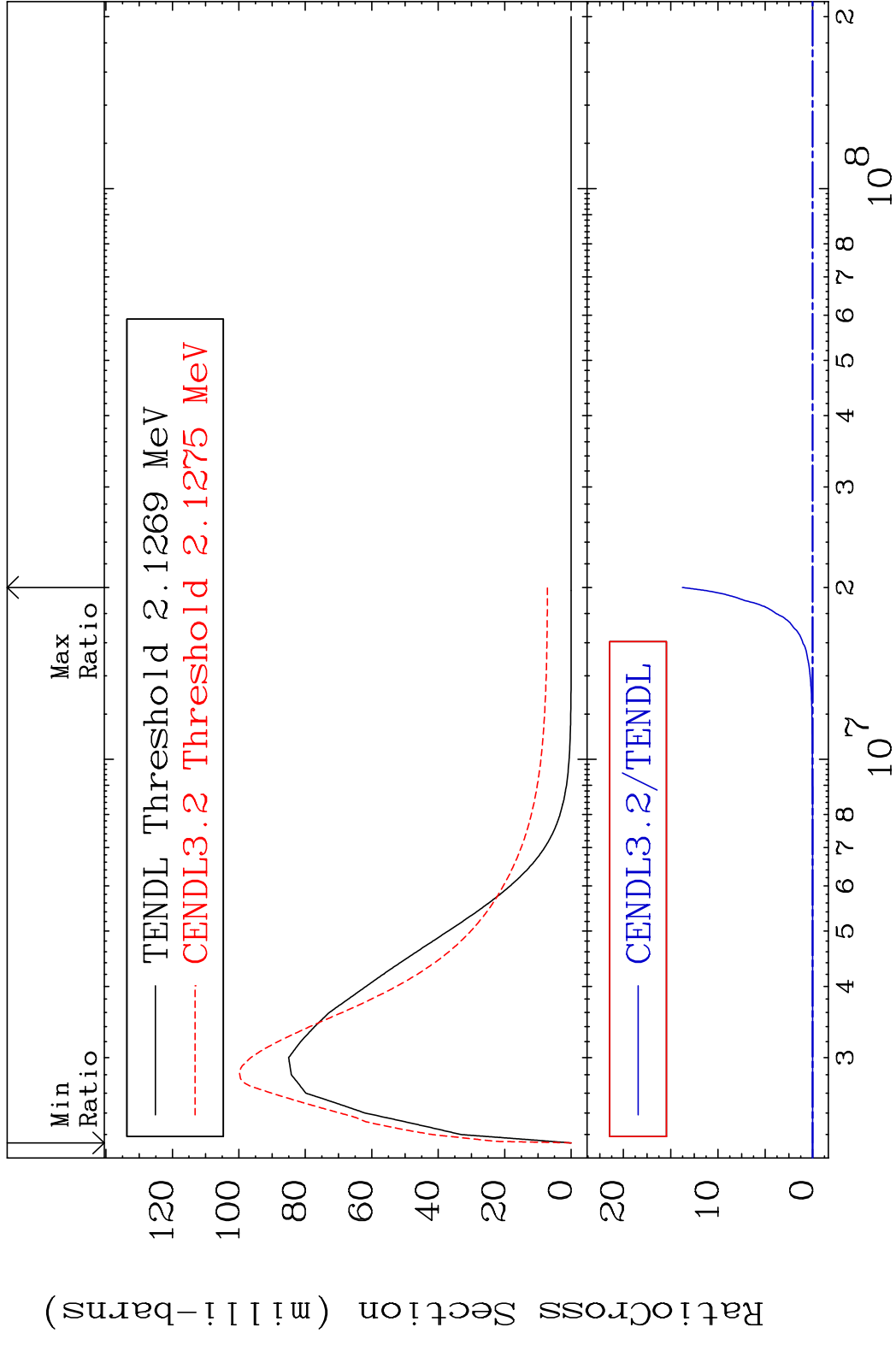
MAT 2931 MT= 54 (n, n') Level 29-Cu-65  
 Cross Section -100.0 To 122.3 %



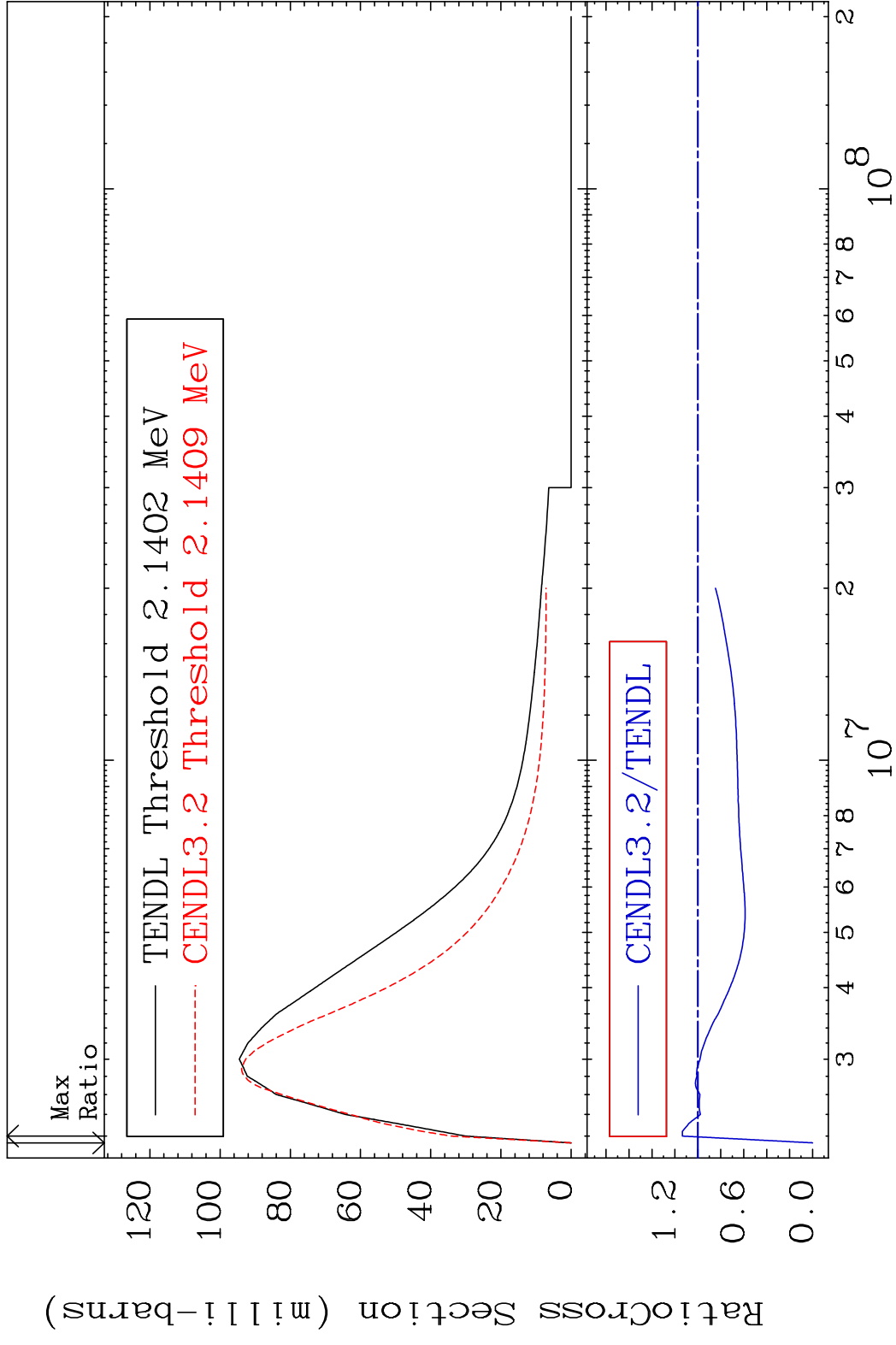
MAT 2931 MT= 55 (n, n') Level 29-Cu-65  
 Cross Section -100.0 To 13.05 %



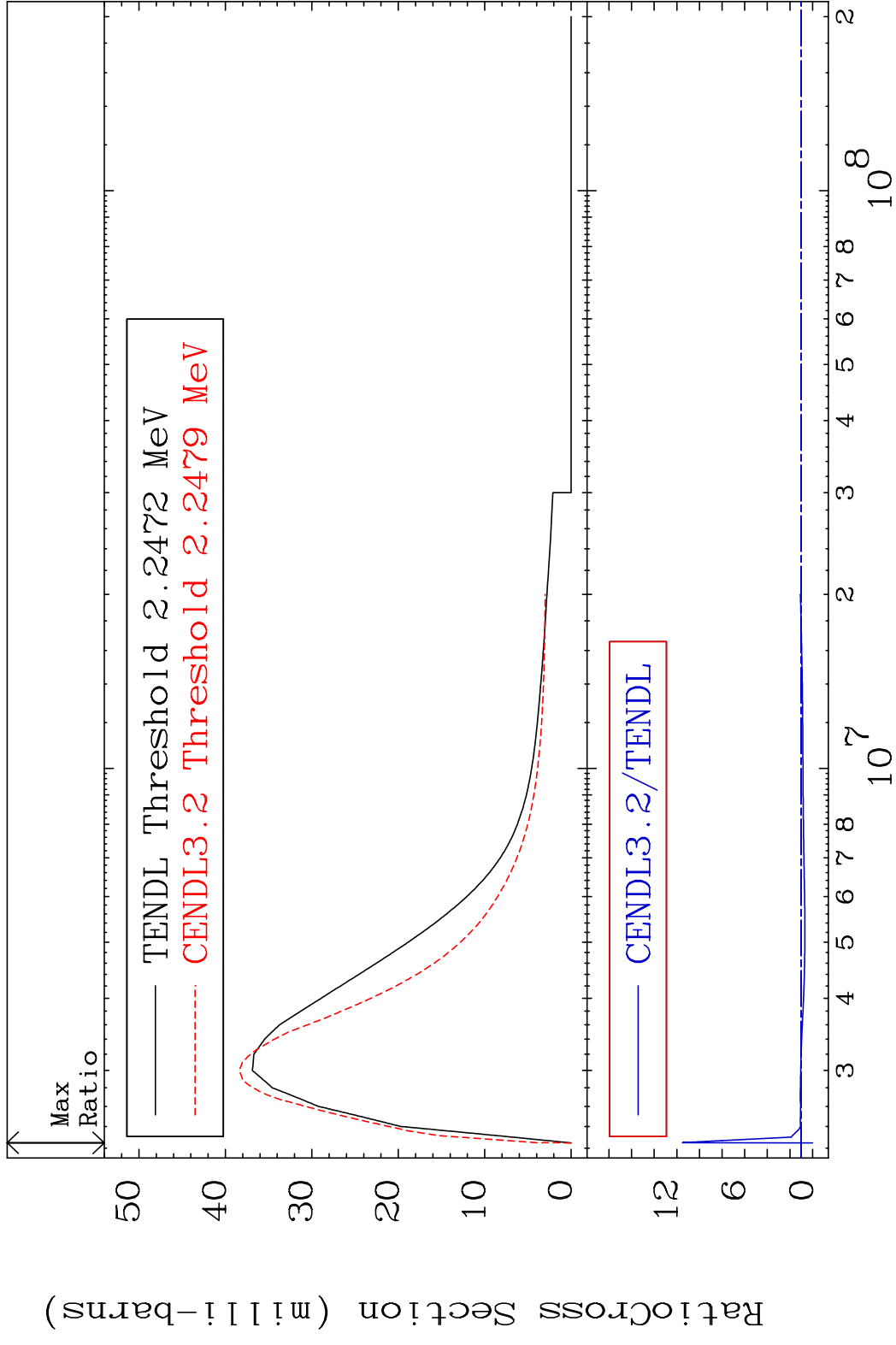
MAT 2931 MT= 56 (n, n') Level 29-Cu-65  
 Cross Section -100.0 To 9999. %



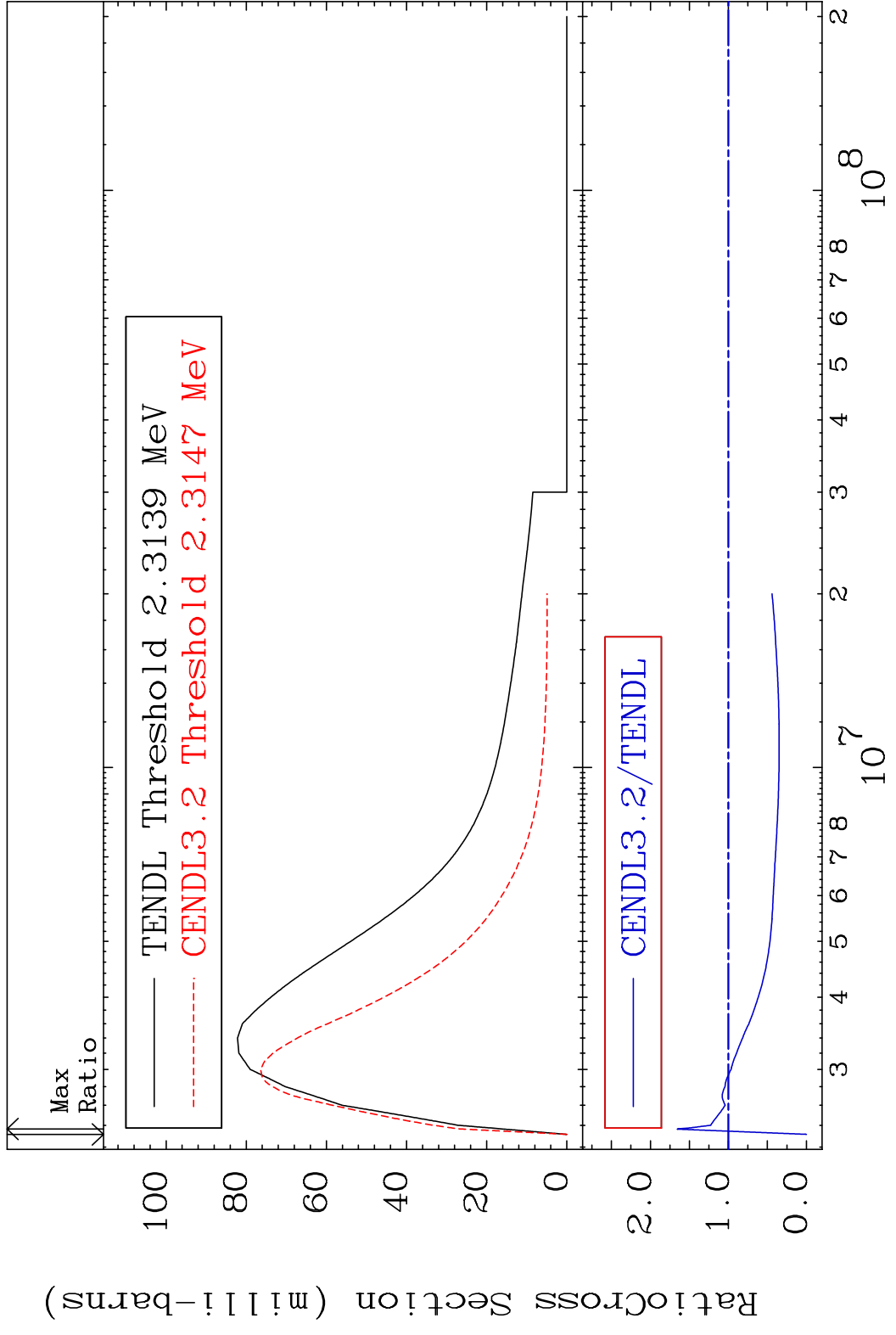
MAT 2931 MT= 57 (n, n') Level 29-Cu-65  
 Cross Section -100.0 To 13.51 %



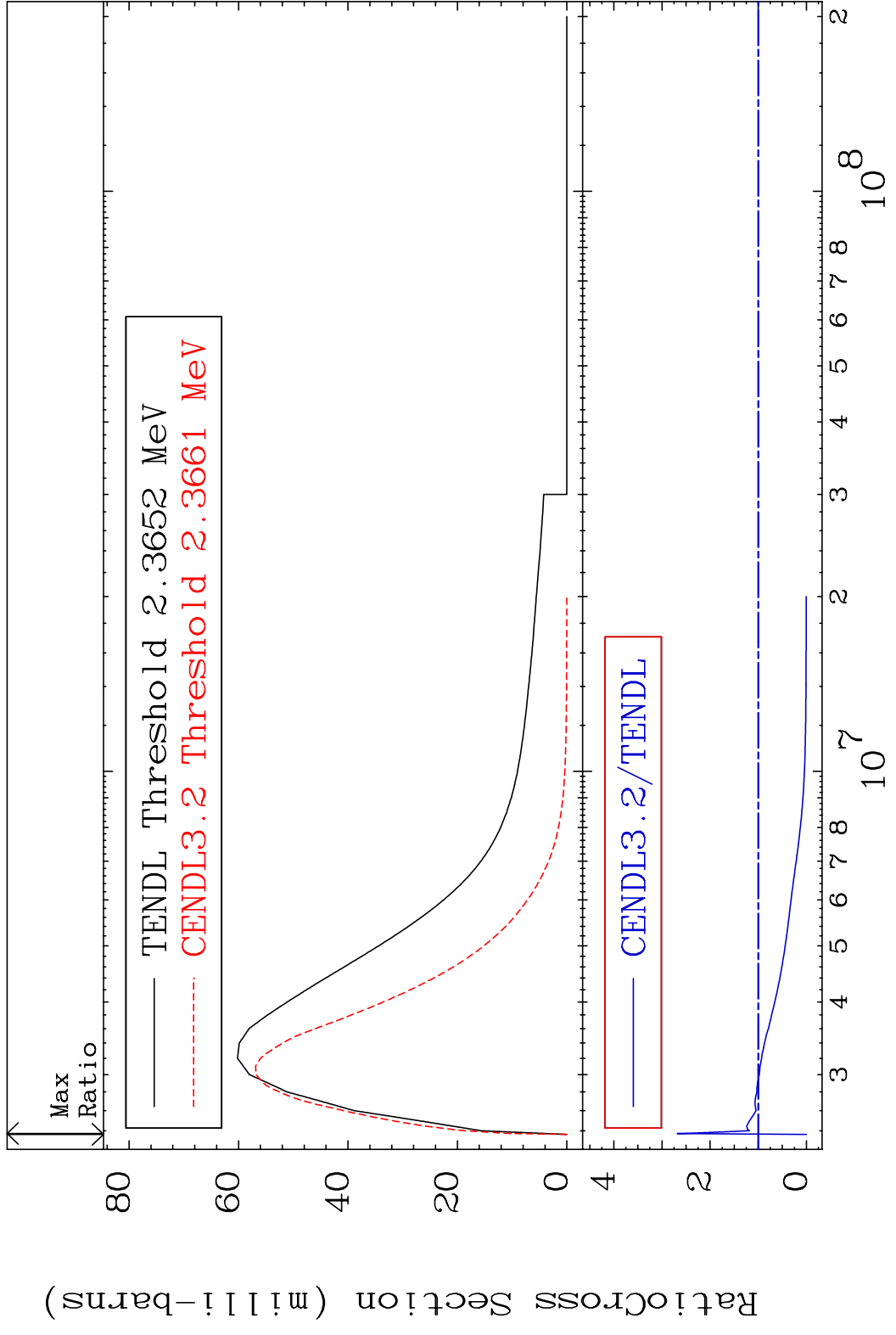
MAT 2931 MT= 58 (n,n') Level 29-Cu-65  
 Cross Section -100.0 To 1051. %



MAT 2931 MT= 59 (n,n') Level 29-Cu-65  
 Cross Section -100.0 To 65.69 %



MAT 2931 MT= 60 (n,n') Level 29-Cu-65  
 Cross Section -100.0 To 168.4 %

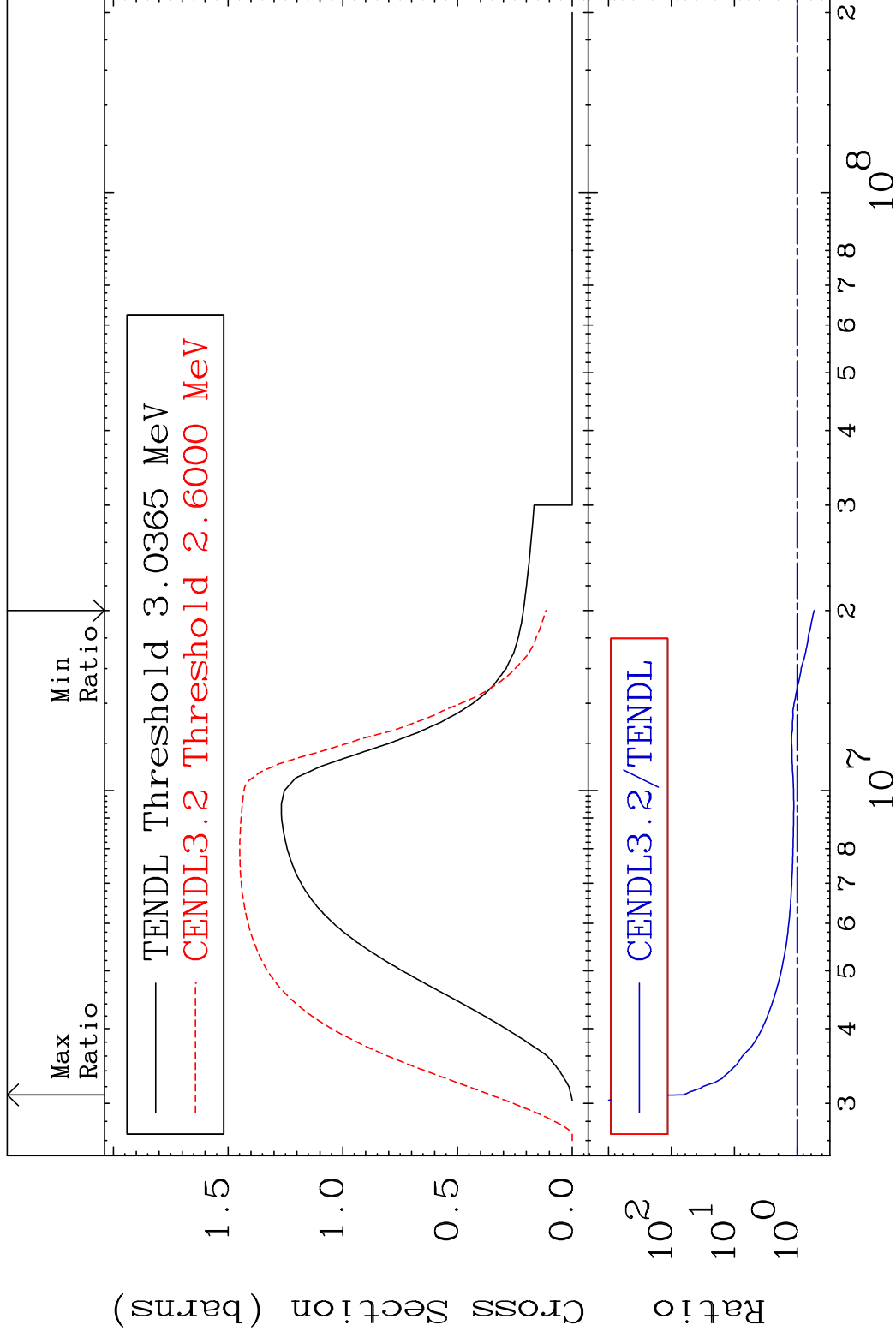


MAT 2931

(n,n') Continuum

29-Cu-65

Cross Section -46.15 To 6286. %



17

Incident Energy (eV)

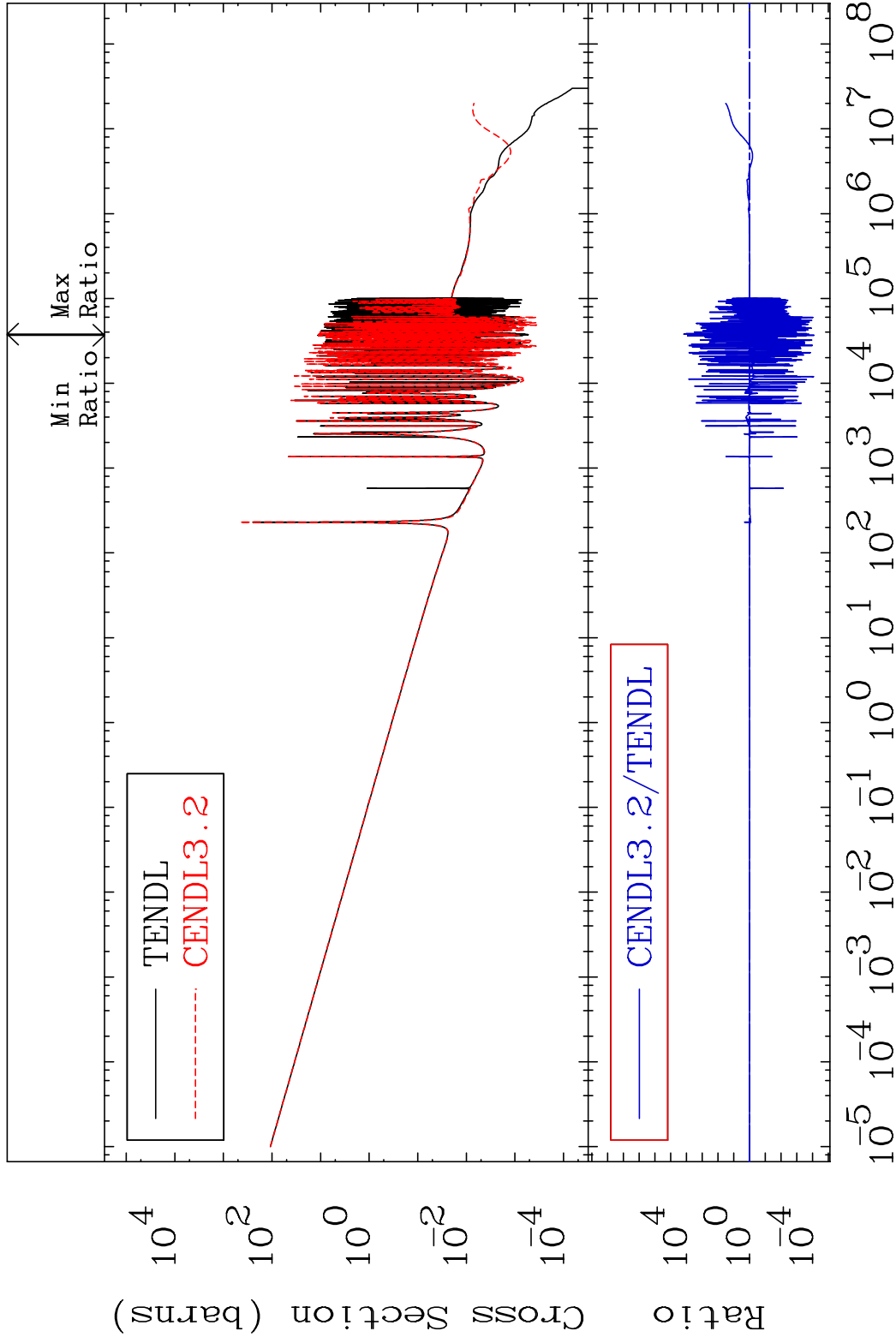
29-Cu-65

MAT 2931

(n,  $\gamma$ )

29-Cu-65

Cross Section -99.99 To 9999. %

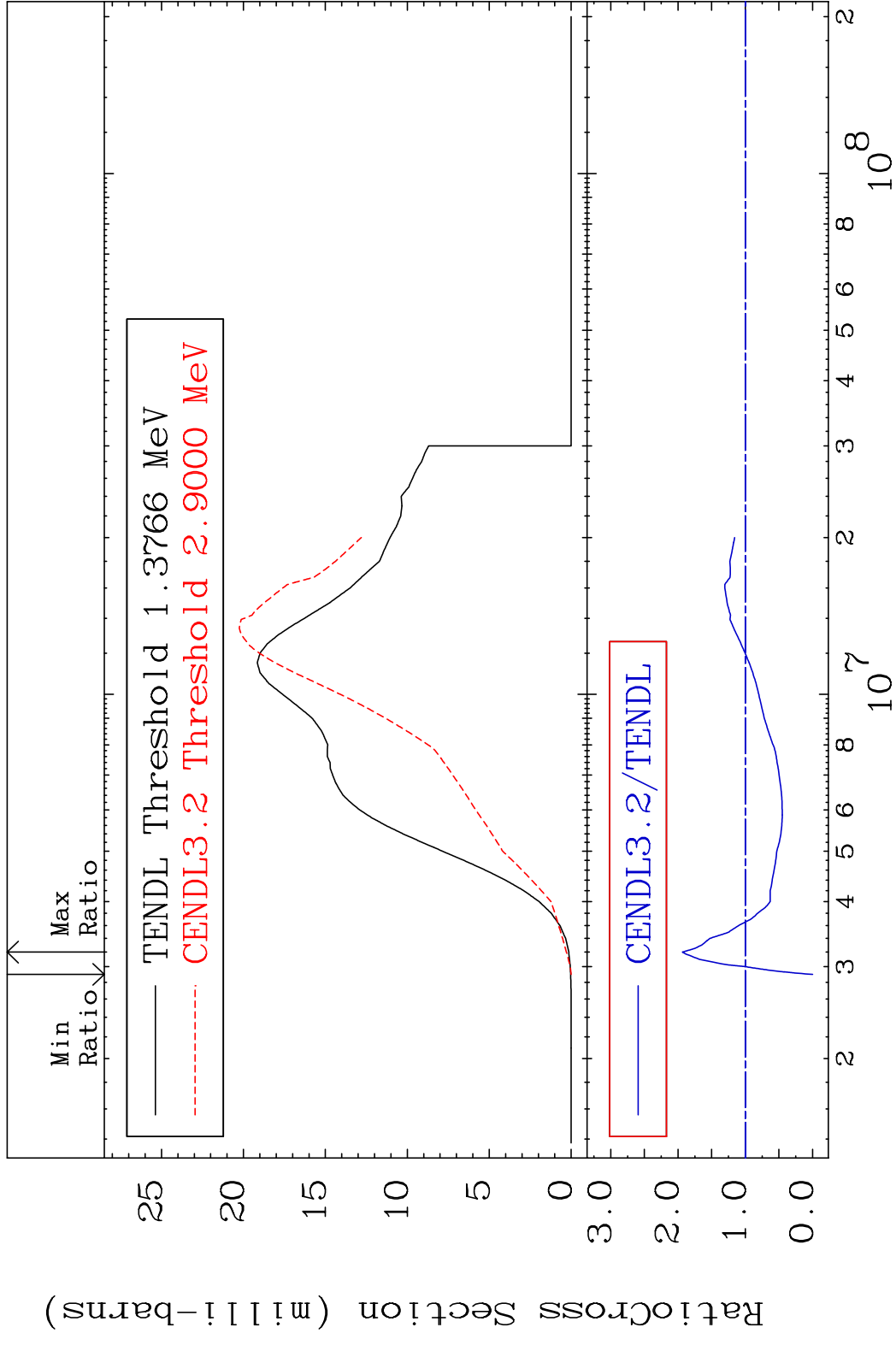


18

Incident Energy (eV)

29-Cu-65

MAT 2931 (n,p) 29-Cu-65  
 Cross Section -100.0 To 93.59 %

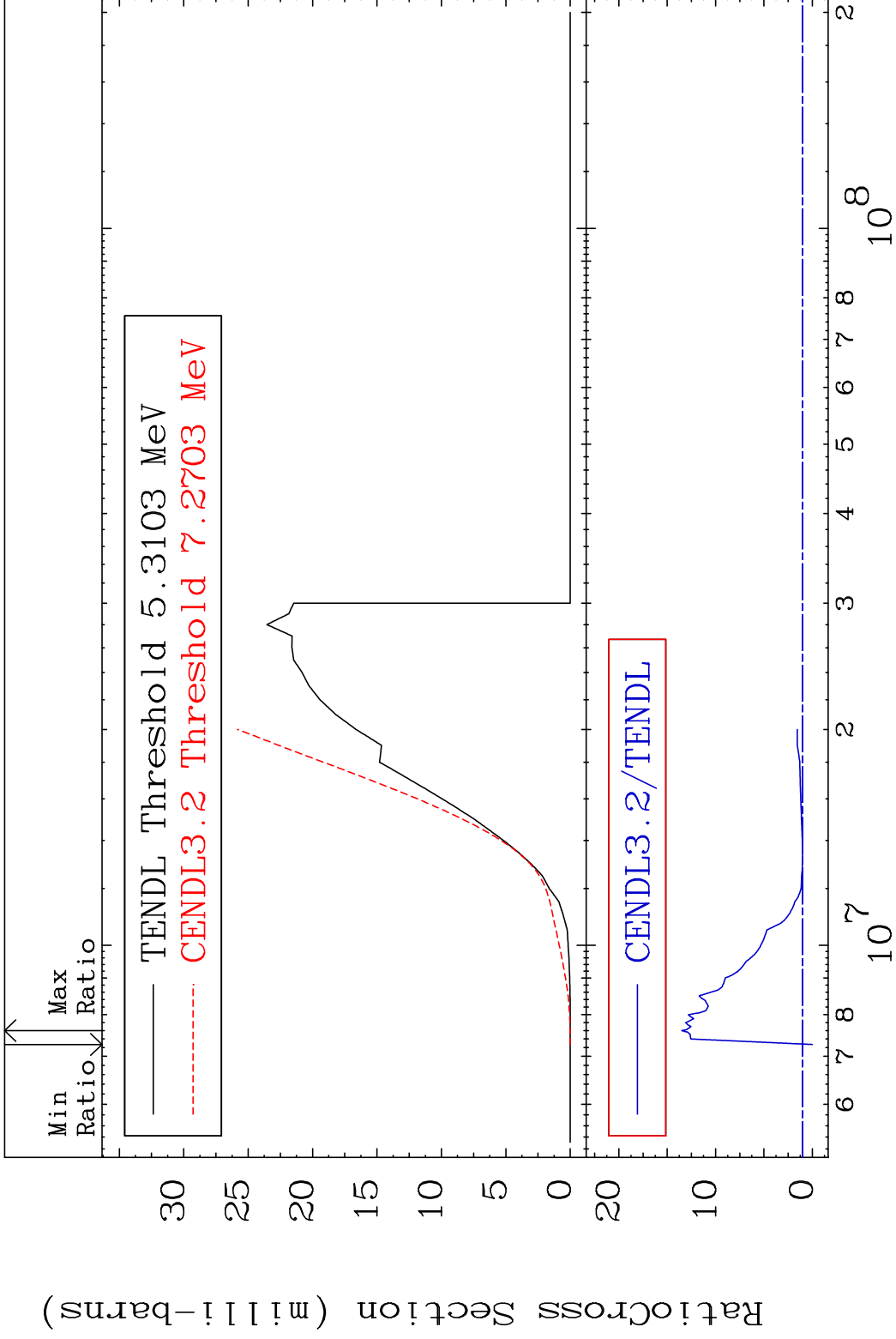


MAT 2931

(n, d)

<sup>29</sup>Cu-65

Cross Section -100.0 To 1250. %



20

Incident Energy (eV)

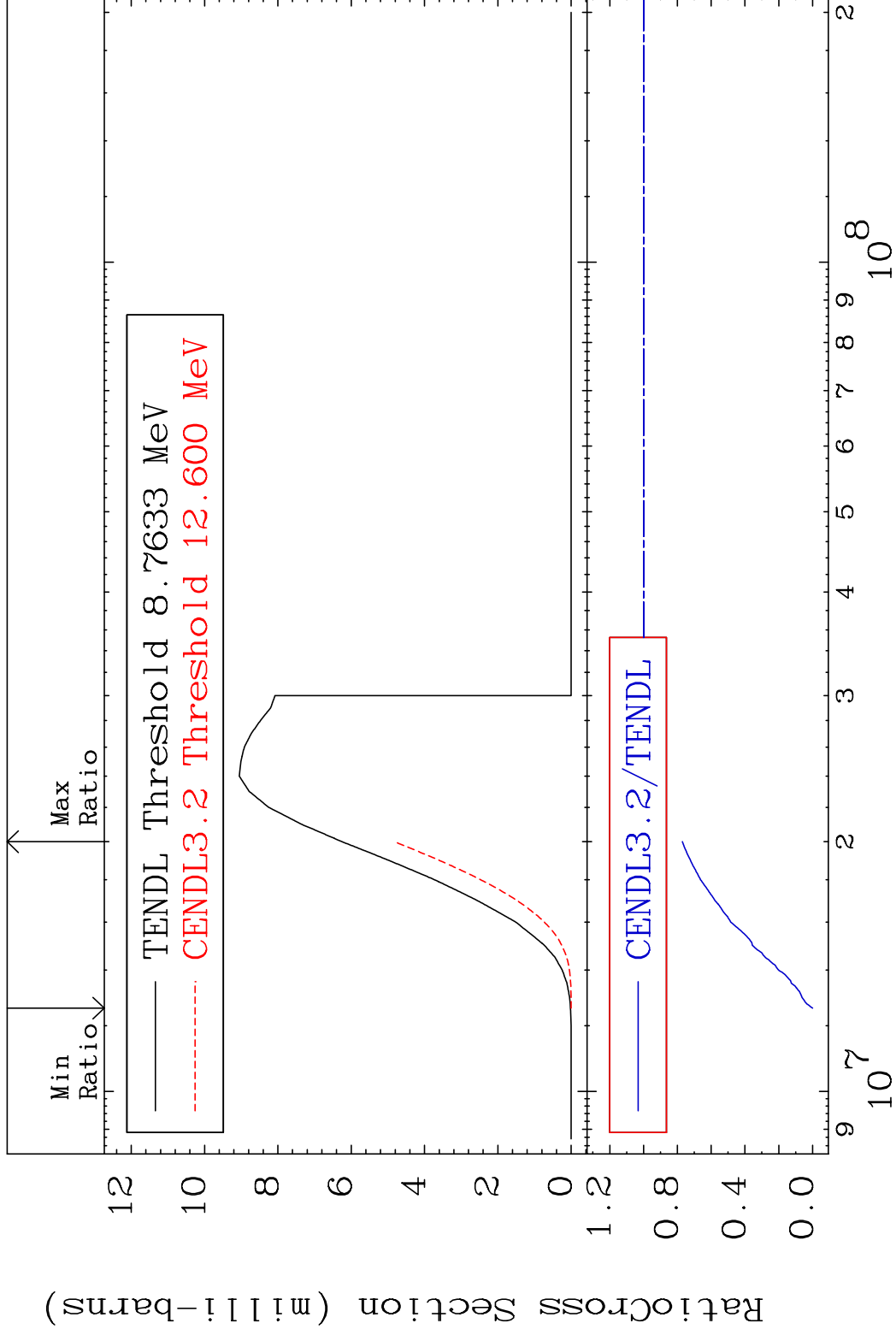
<sup>29</sup>Cu-65

MAT 2931

(n, t)

29-Cu-65

Cross Section -100.0 To -22.96%



21

Incident Energy (eV)

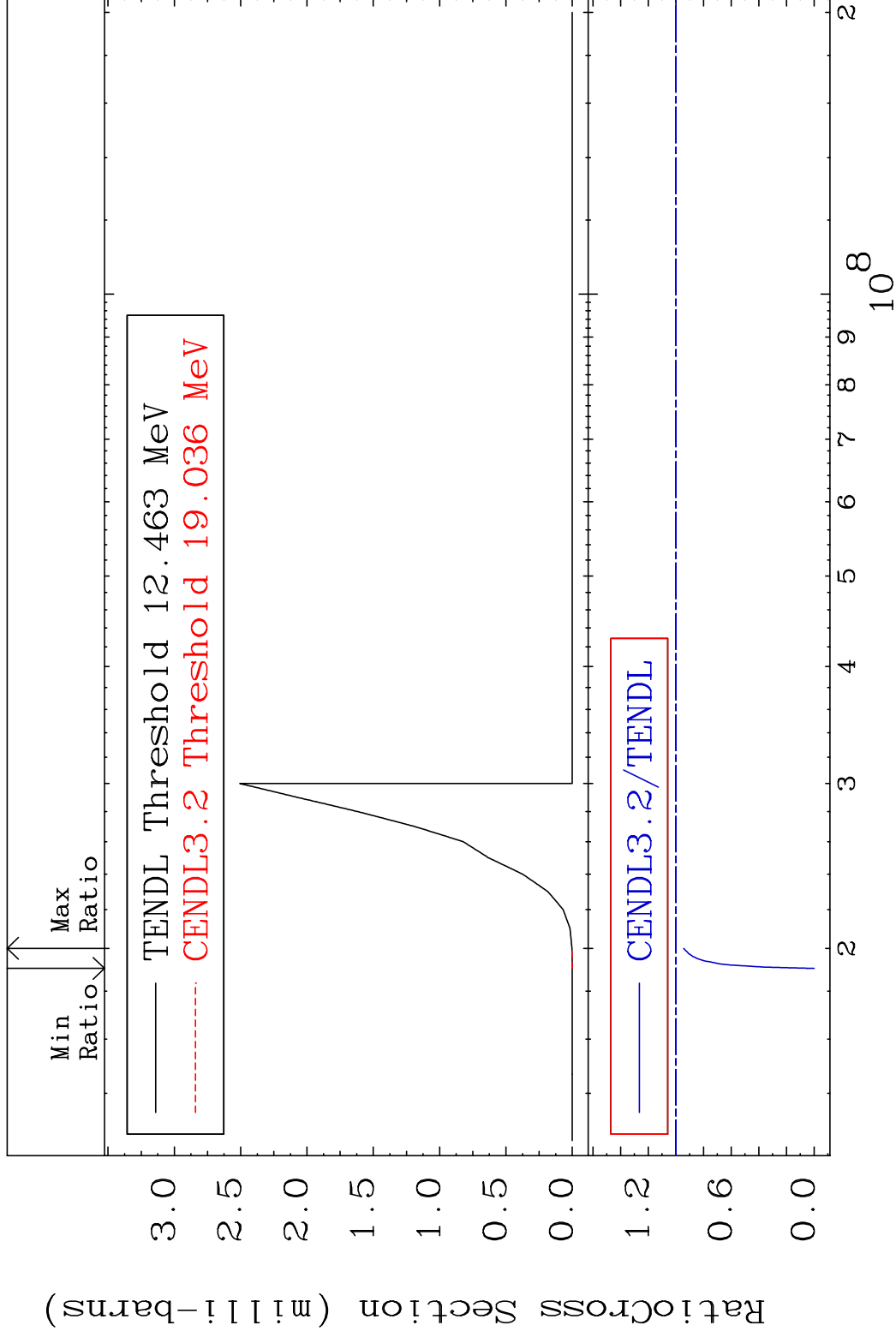
29-Cu-65

MAT 2931

(n, He-3)

29-Cu-65

Cross Section -100.0 To -5.642%

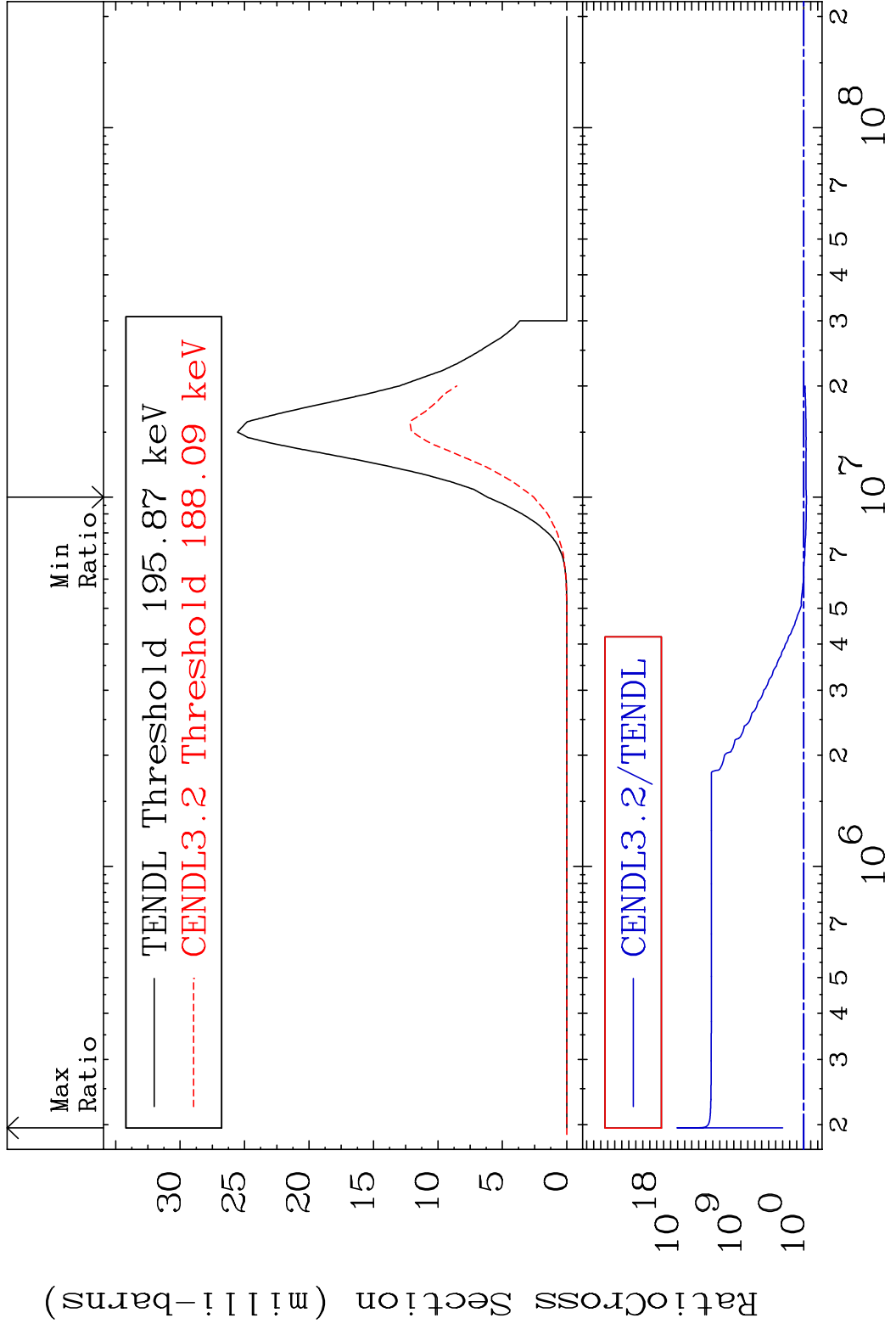


22

Incident Energy (eV)

29-Cu-65

MAT 2931 (n,  $\alpha$ ) 29-Cu-65  
 Cross Section -58.18 To 9999. %

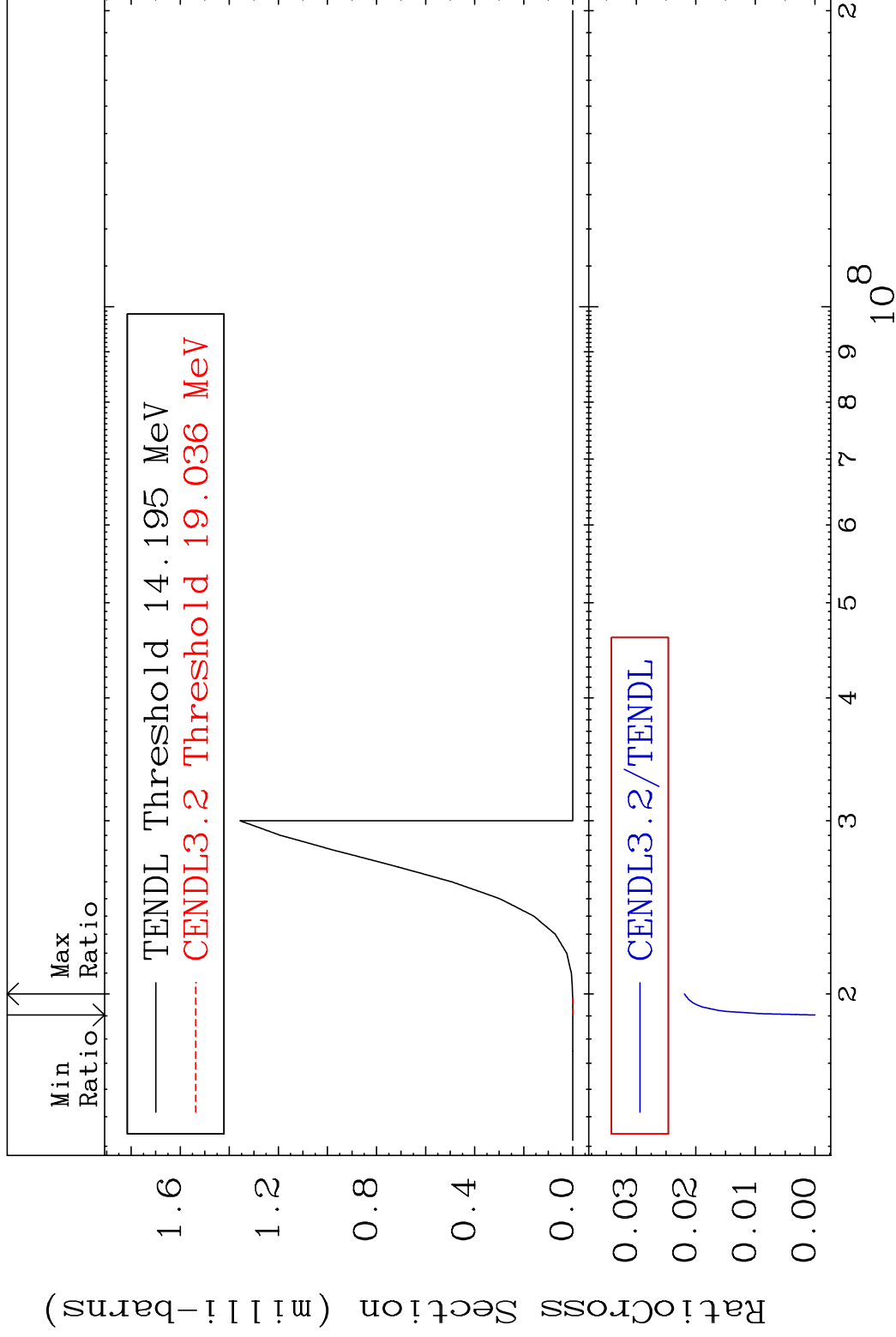


MAT 2931

(n,2p)

29-Cu-65

Cross Section -100.0 To -97.81%

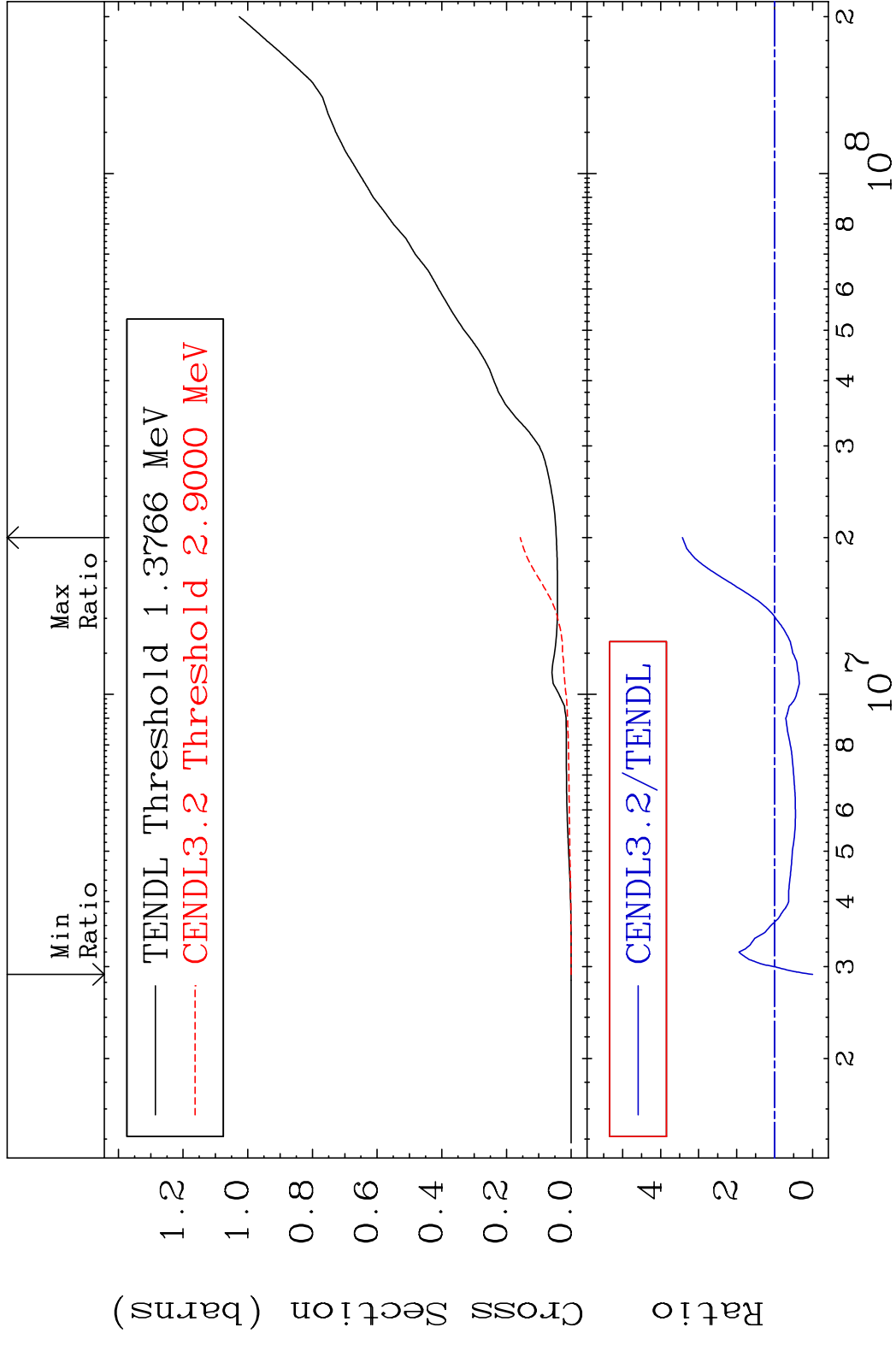


24

Incident Energy (eV)

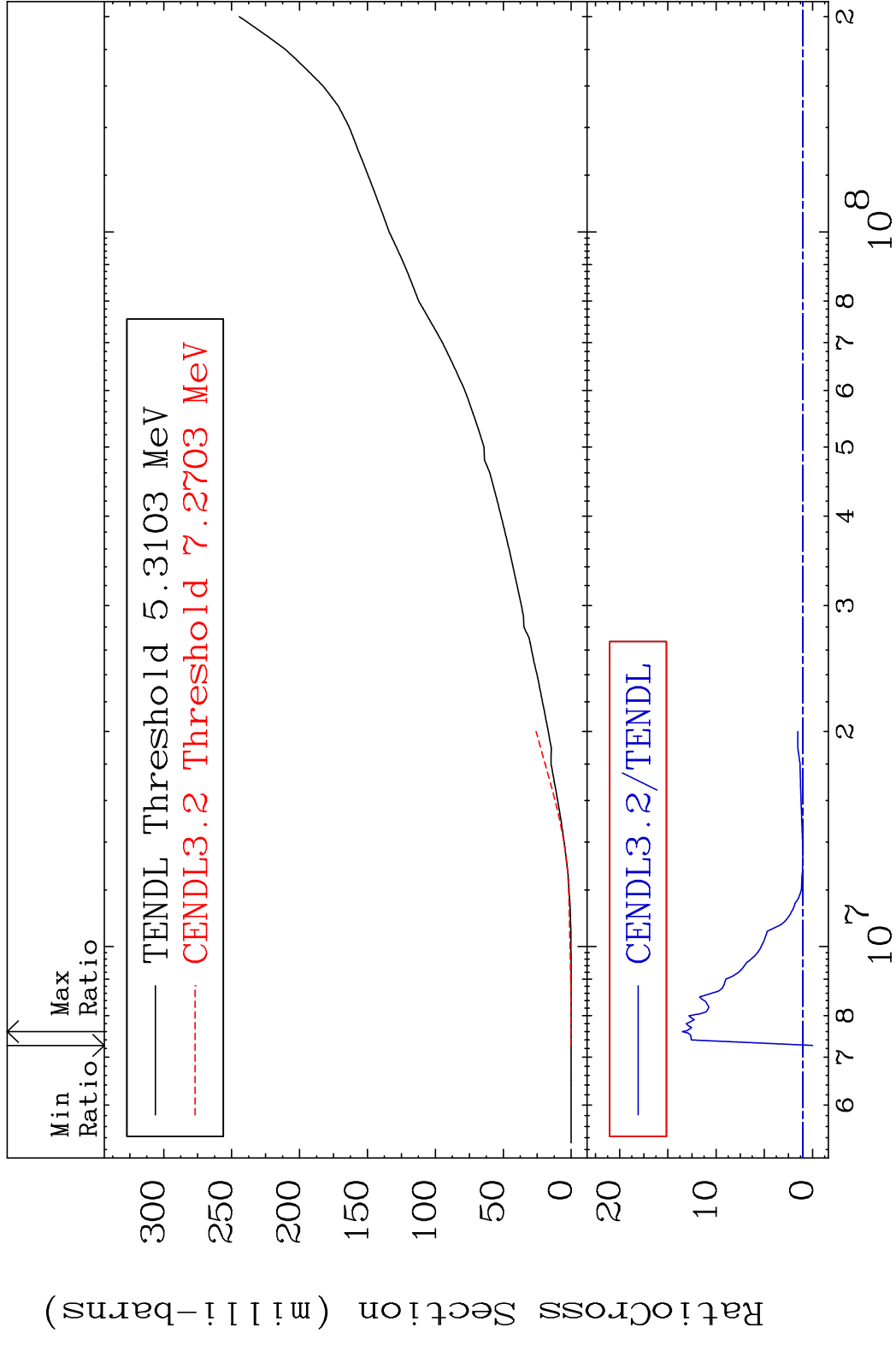
29-Cu-65

MAT 2931 Hydrogen Production <sup>29</sup>Cu-65  
 Cross Section -100.0 To 242.9 %



25 Incident Energy (eV) <sup>29</sup>Cu-65

MAT 2931 Deuterium Production 29-Cu-65  
 Cross Section -100.0 To 1250. %

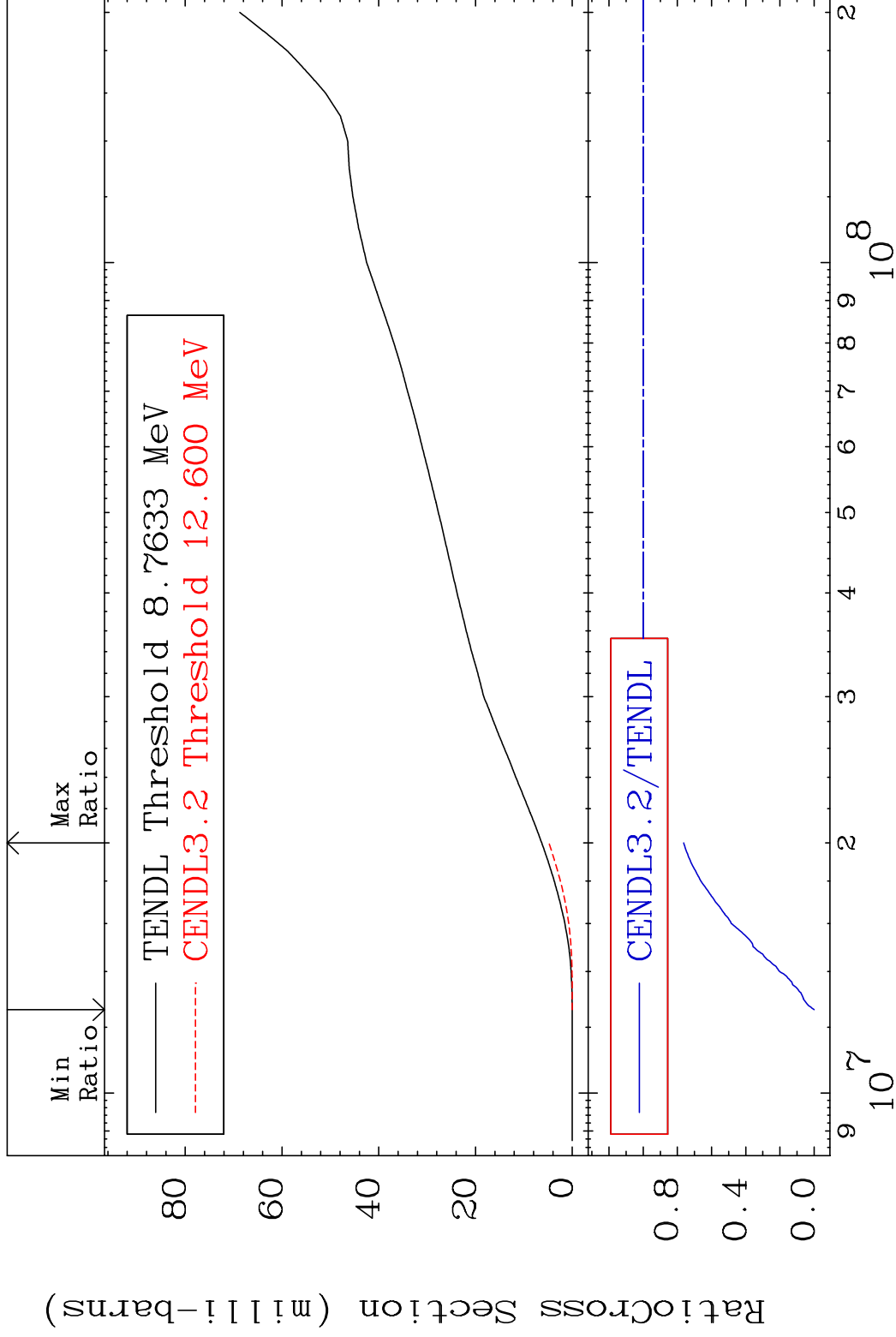


26 Incident Energy (eV) 29-Cu-65

MAT 2931

Tritium Production 29-Cu-65

Cross Section -100.0 To -23.68%



27

Incident Energy (eV)

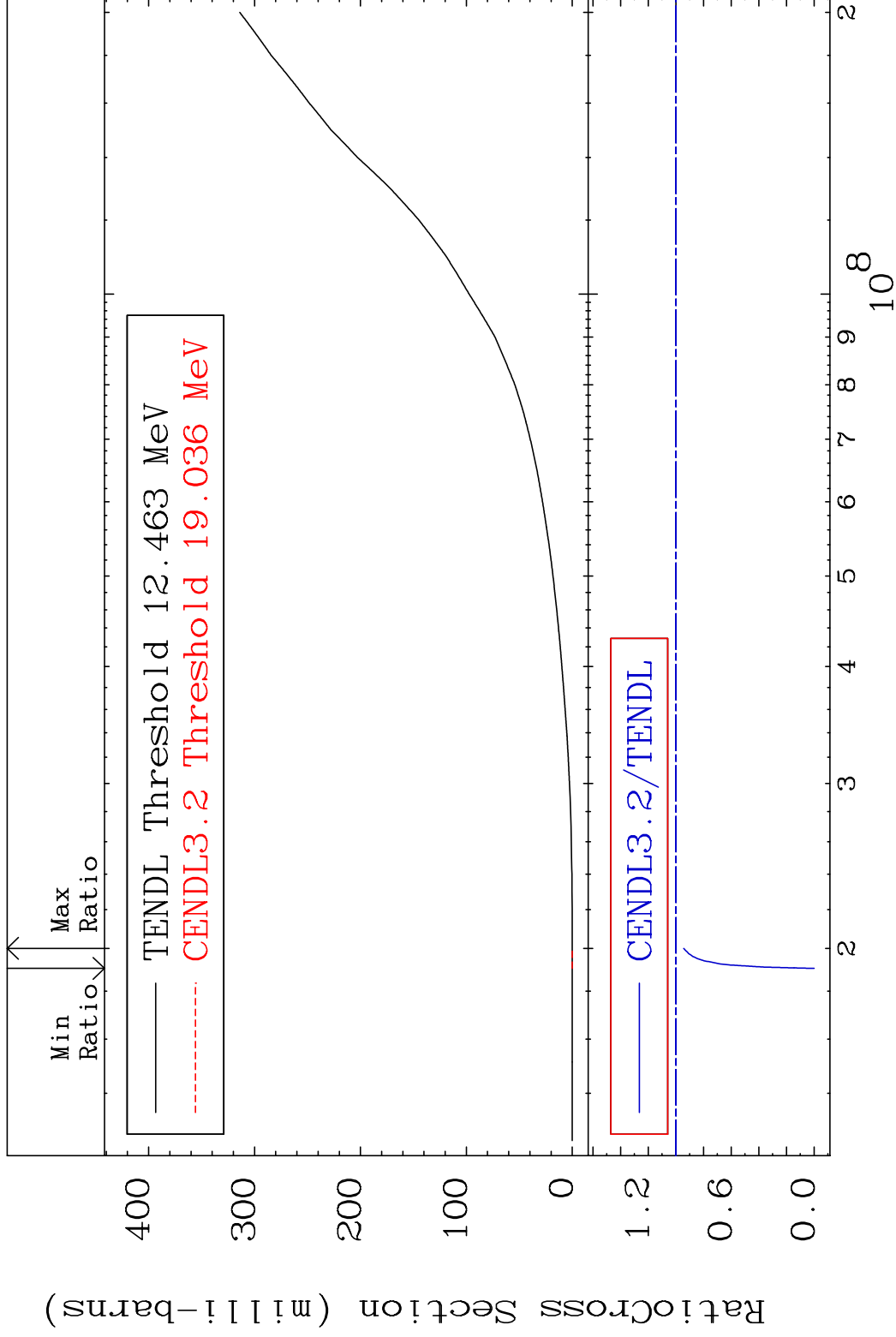
29-Cu-65

MAT 2931

He-3 Production

<sup>29</sup>Cu-65

Cross Section -100.0 To -5.642%

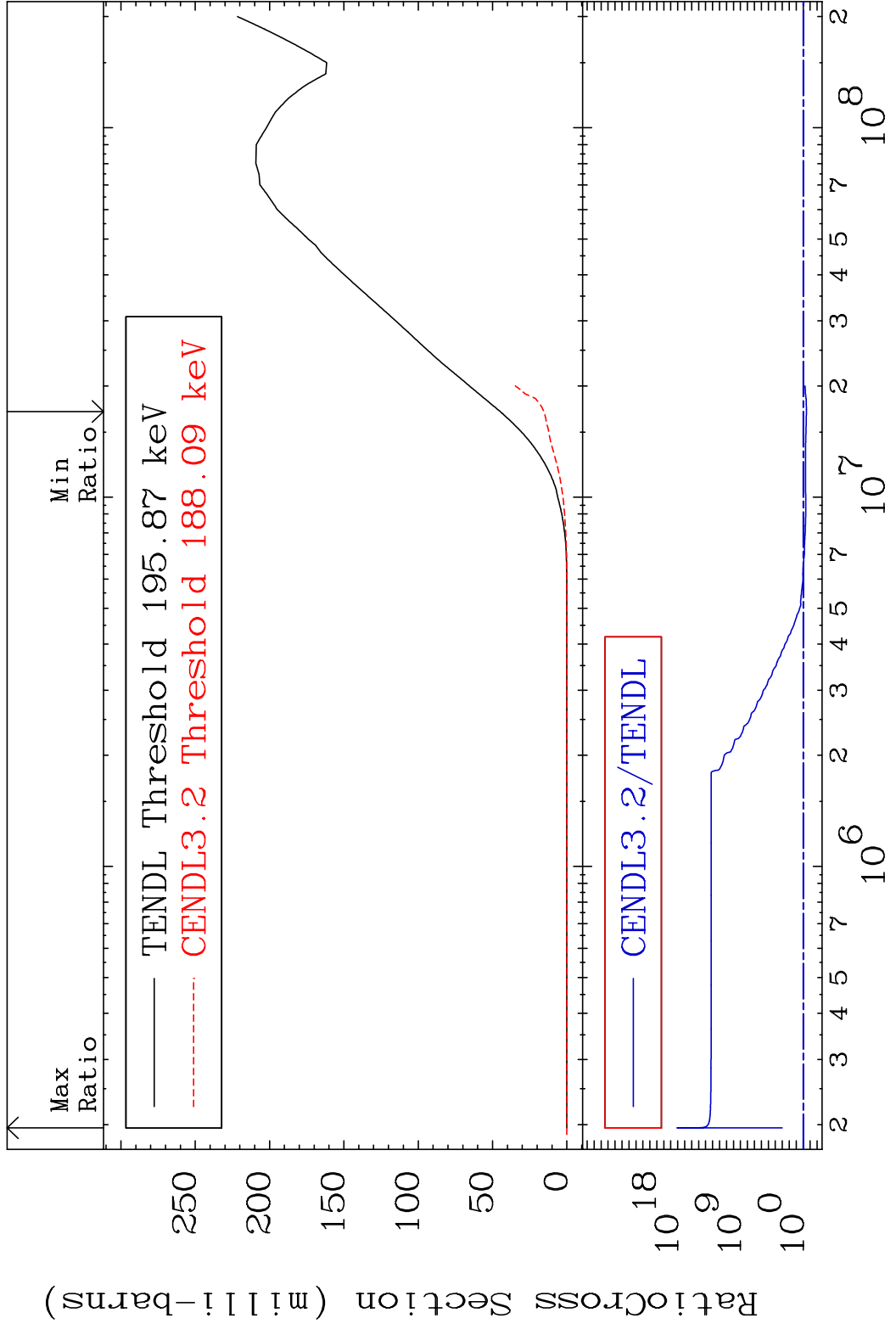


28

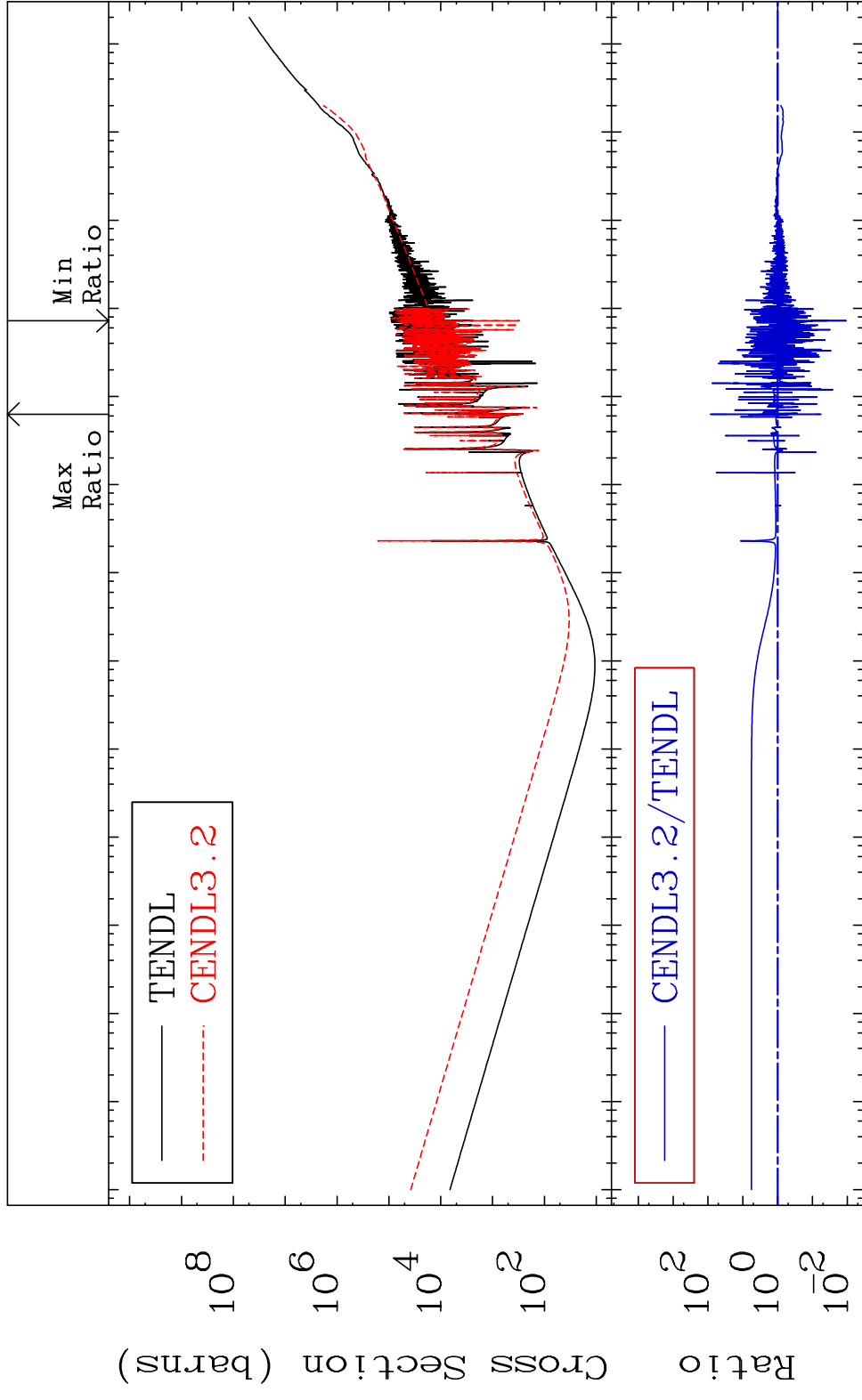
Incident Energy (eV)

<sup>29</sup>Cu-65

MAT 2931 He-4 Production 29-Cu-65  
 Cross Section -65.54 To 9999. %



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



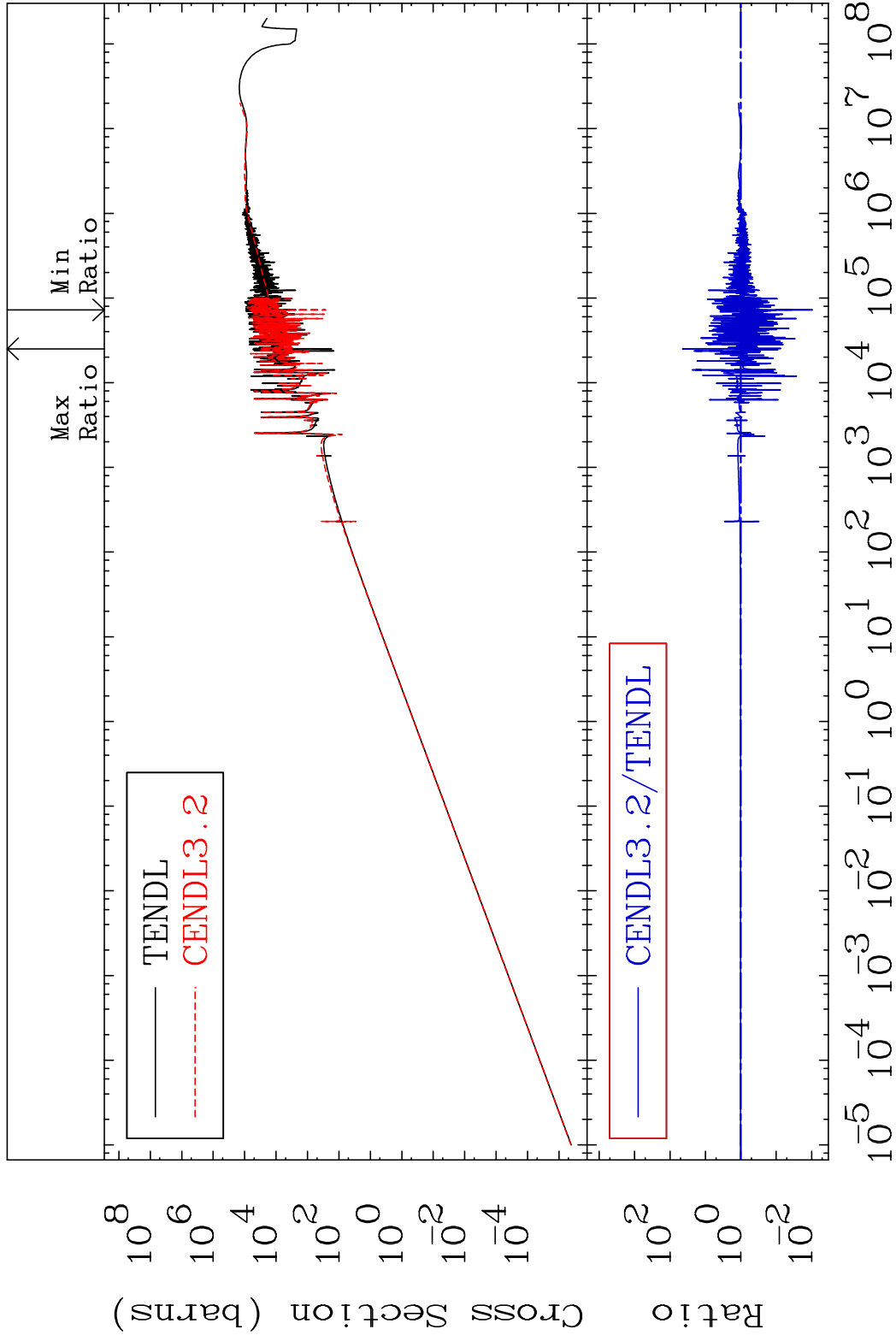
30 Incident Energy (eV) 29-Cu-65

MAT 2931

Kerma elastic

29-Cu-65

Cross Section -99.06 To 4381. %

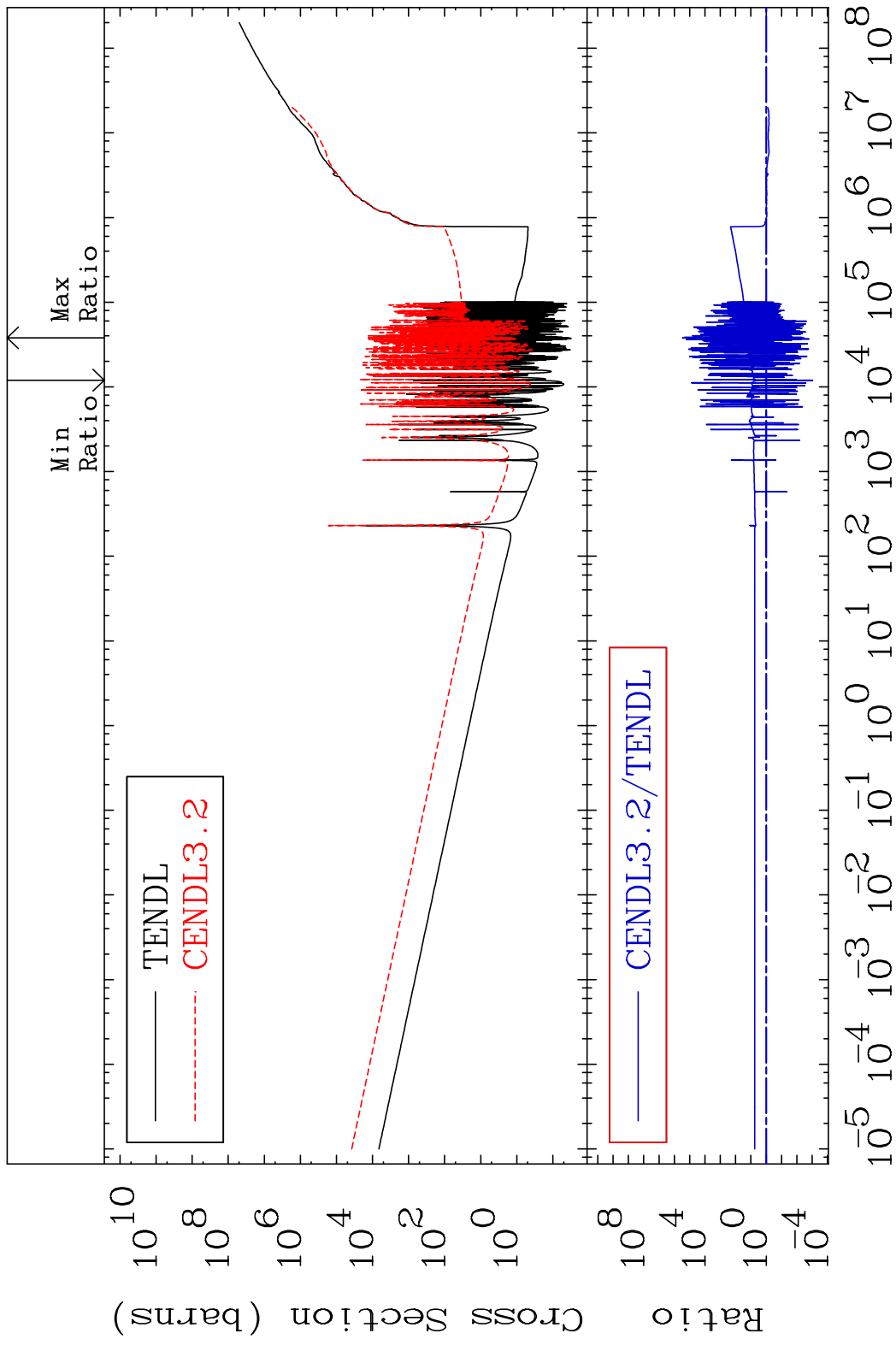


31

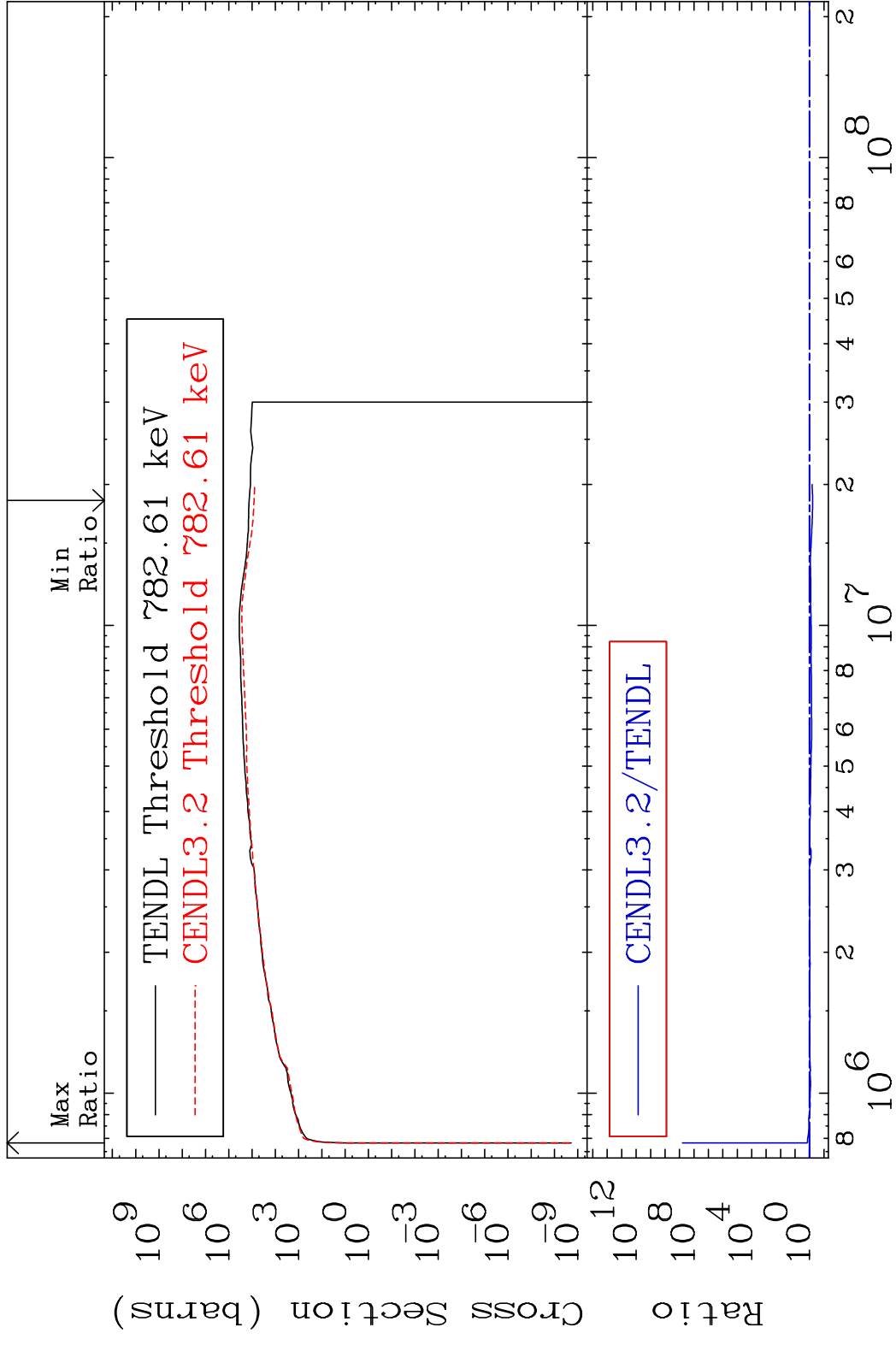
Incident Energy (eV)

29-Cu-65

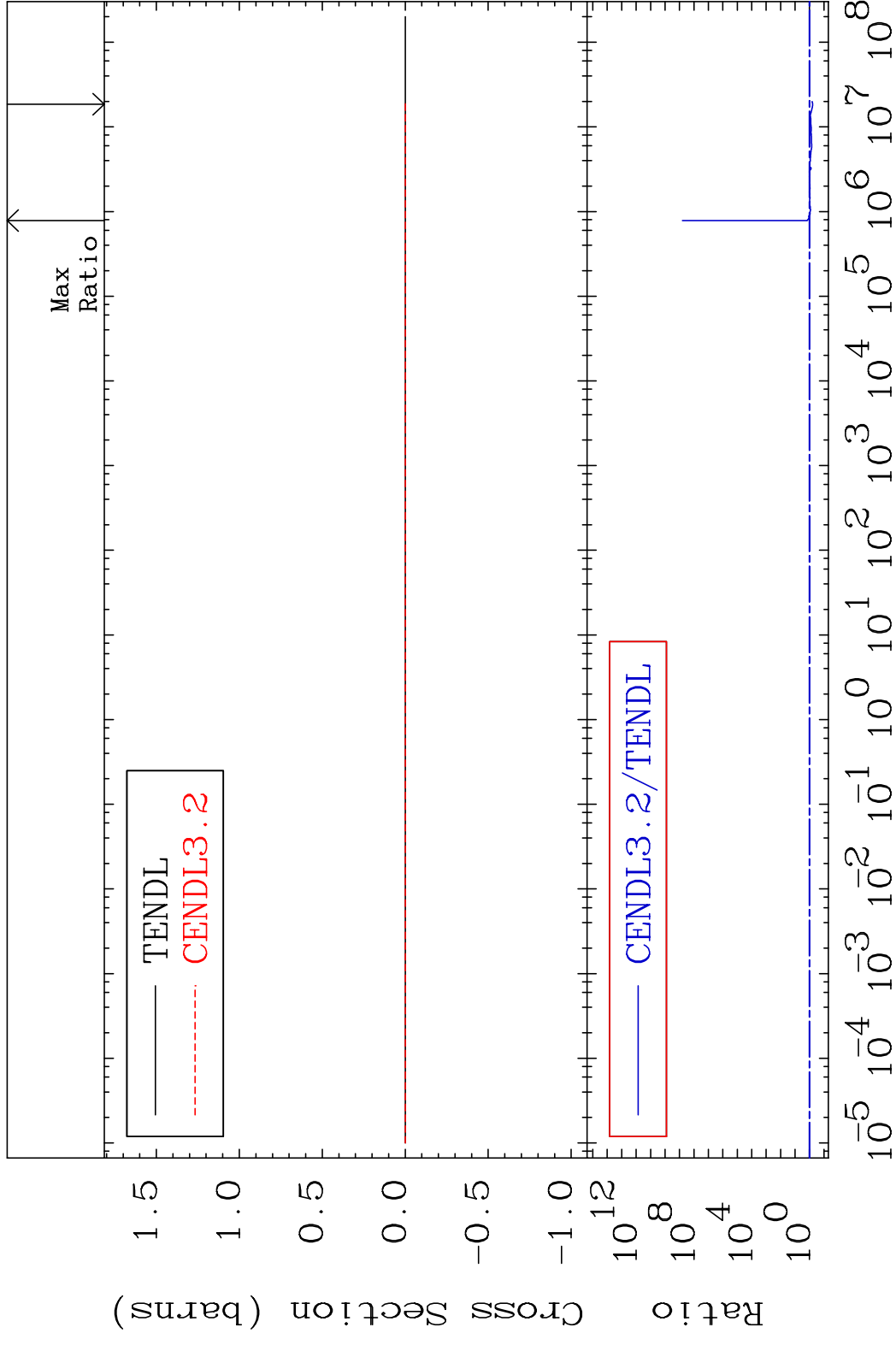
MAT 2931 Kerma non-elastic (all but mt2) 29-Cu-65  
 Cross Section -99.91 To 9999. %



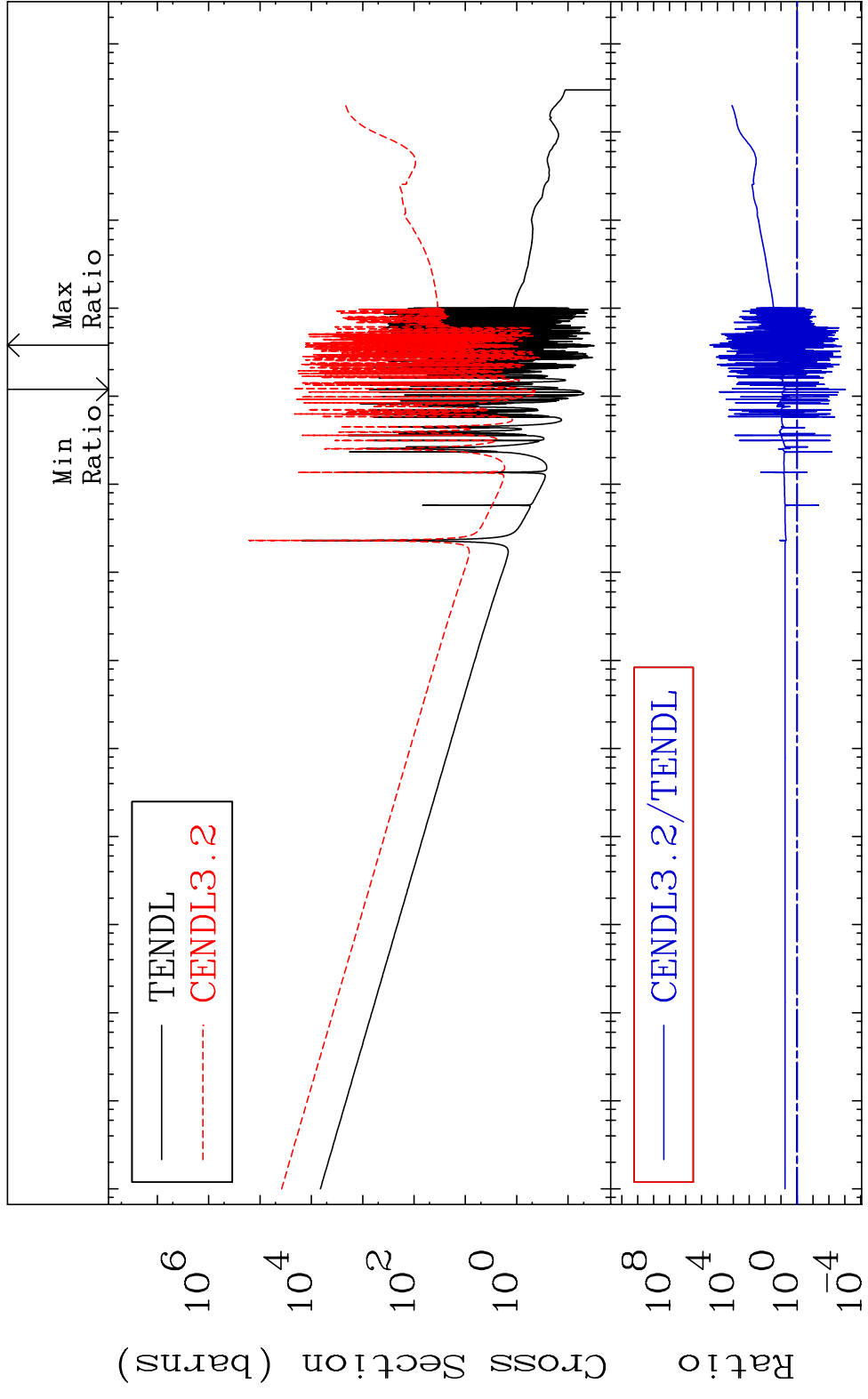
MAT 2931 Kerma inelastic (mt51-91) 29-Cu-65  
 Cross Section -38.62 To 9999. %



MAT 2931 Kerma fission (mt18 or mt19-20-21-38) 29-Cu-65  
 Cross Section -38.62 To 9999. %

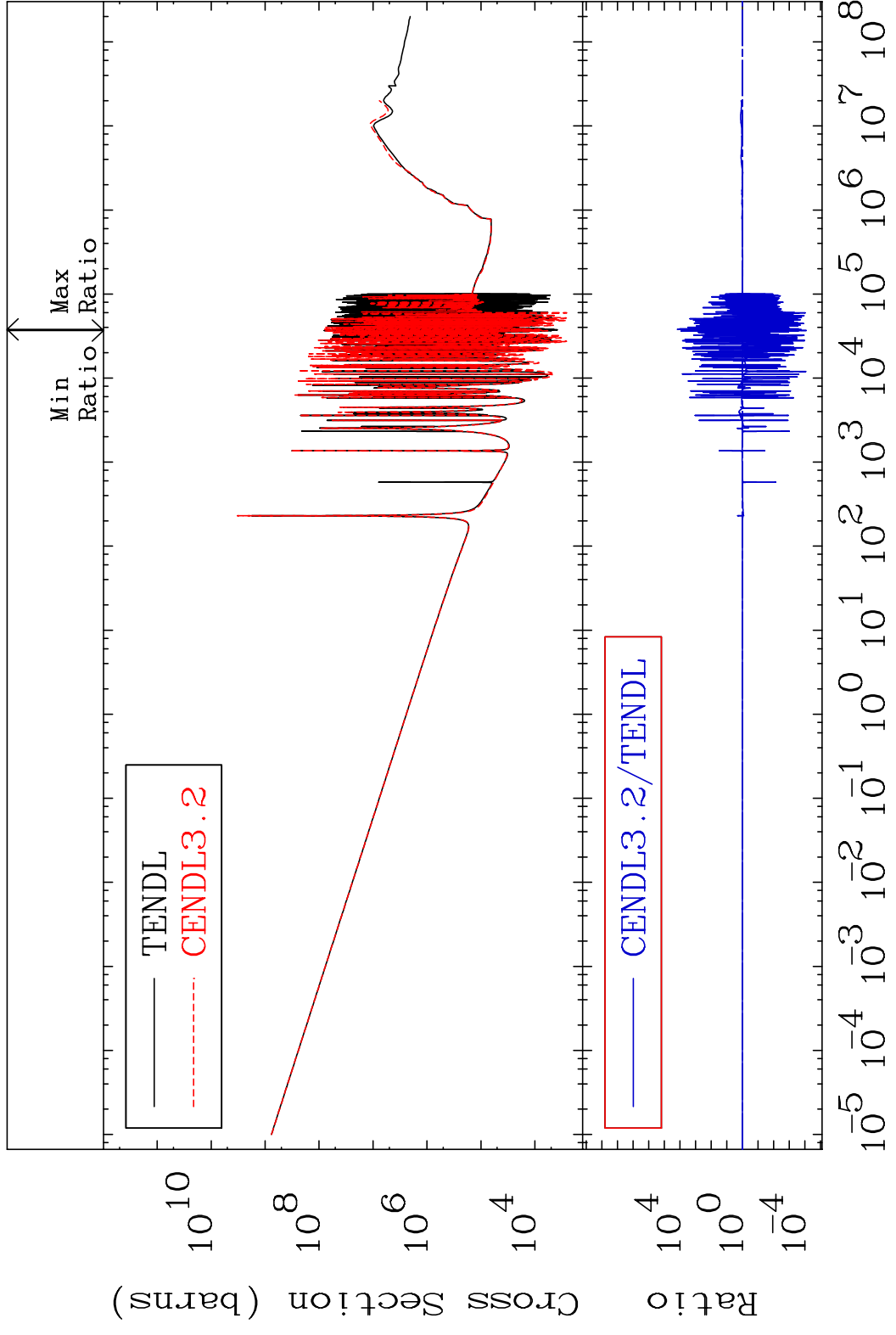


MAT 2931 Kerma capture (mt102) 29-Cu-65  
 Cross Section -99.91 To 9999. %

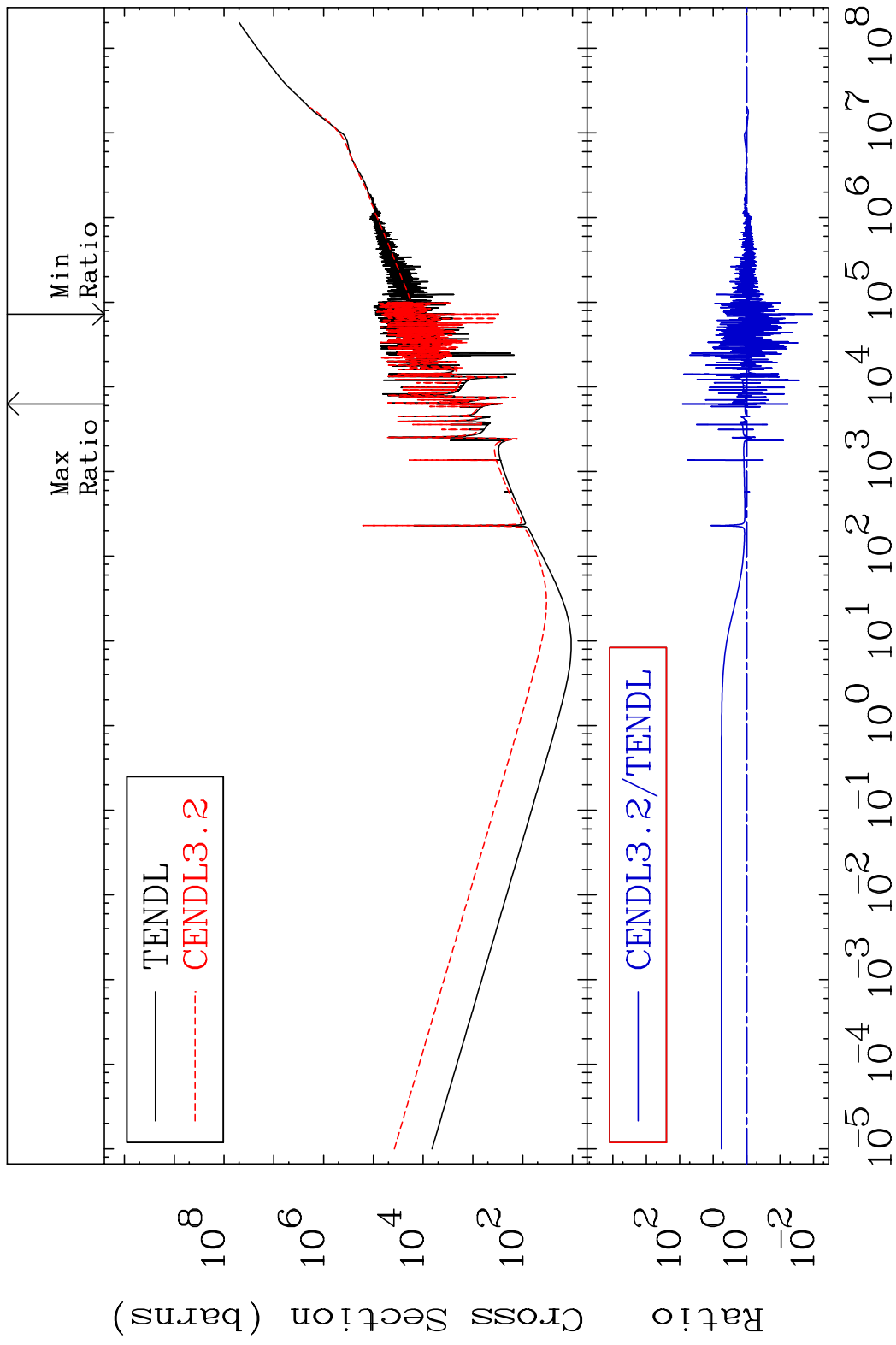


35 Incident Energy (eV) 29-Cu-65

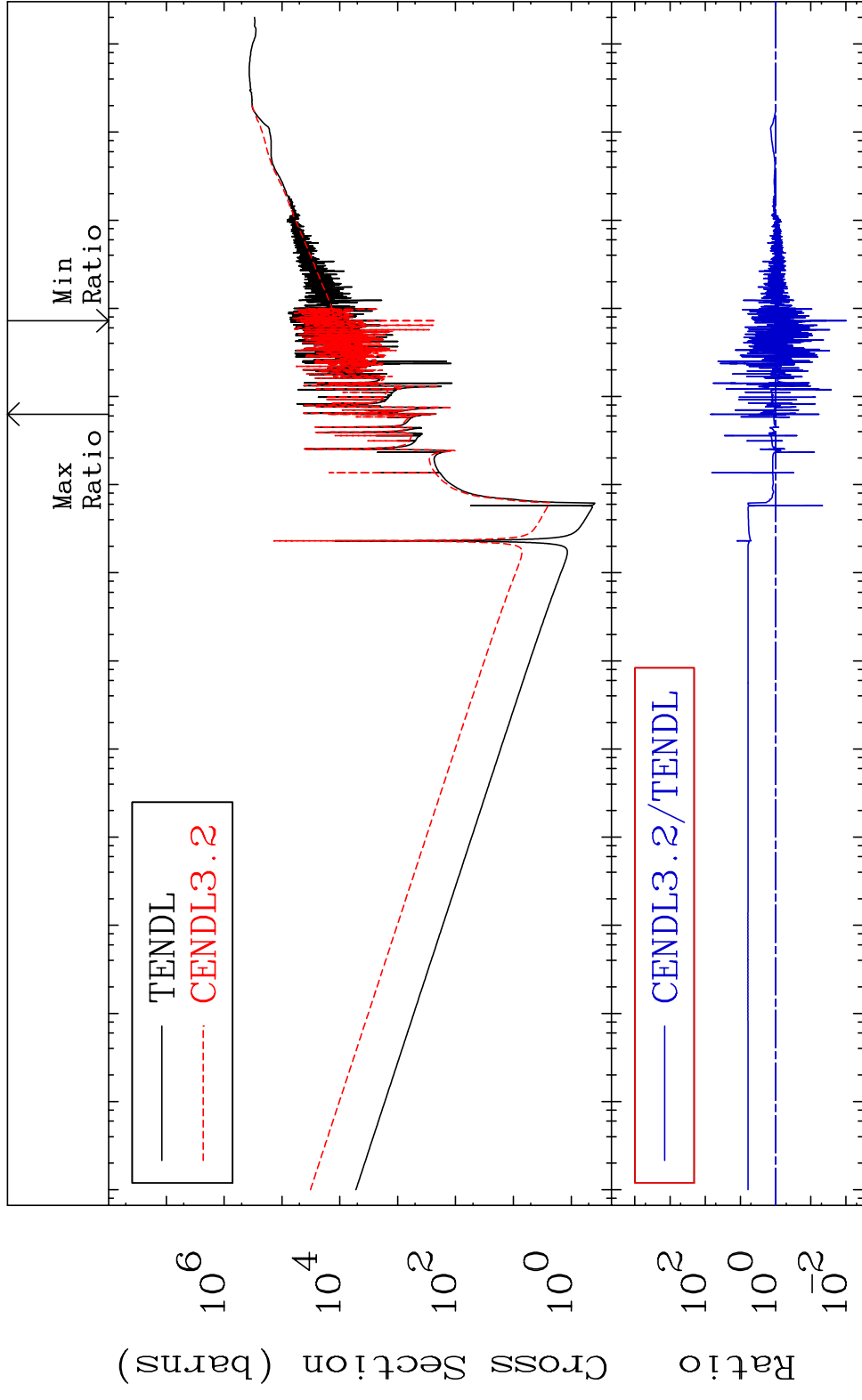
MAT 2931 Total photon (eV-barns) 29-Cu-65  
 Cross Section -99.99 To 9999. %



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. %

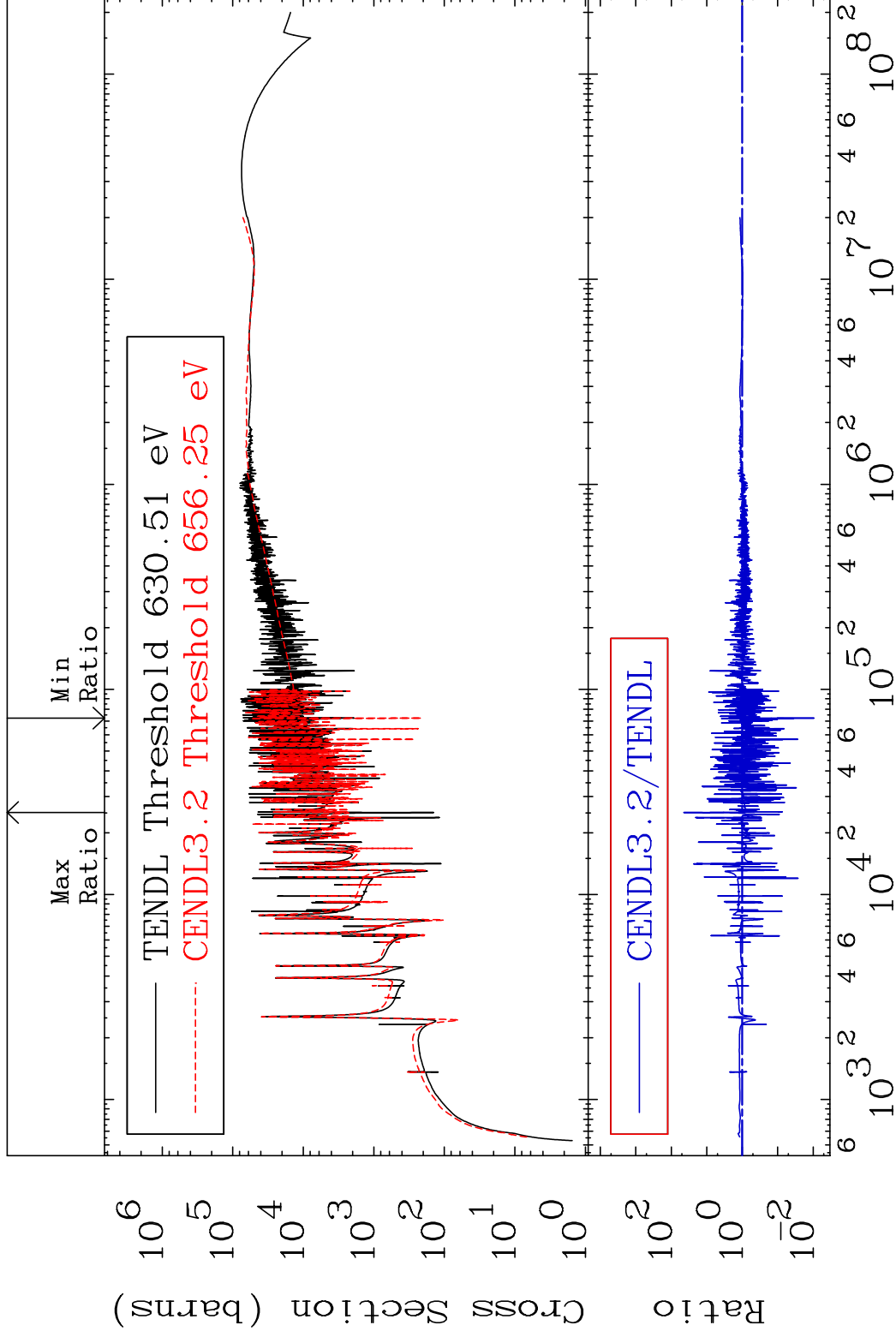


MAT 2931

Dpa elastic (mt2)

29-Cu-65

Cross Section -99.06 To 4379. %

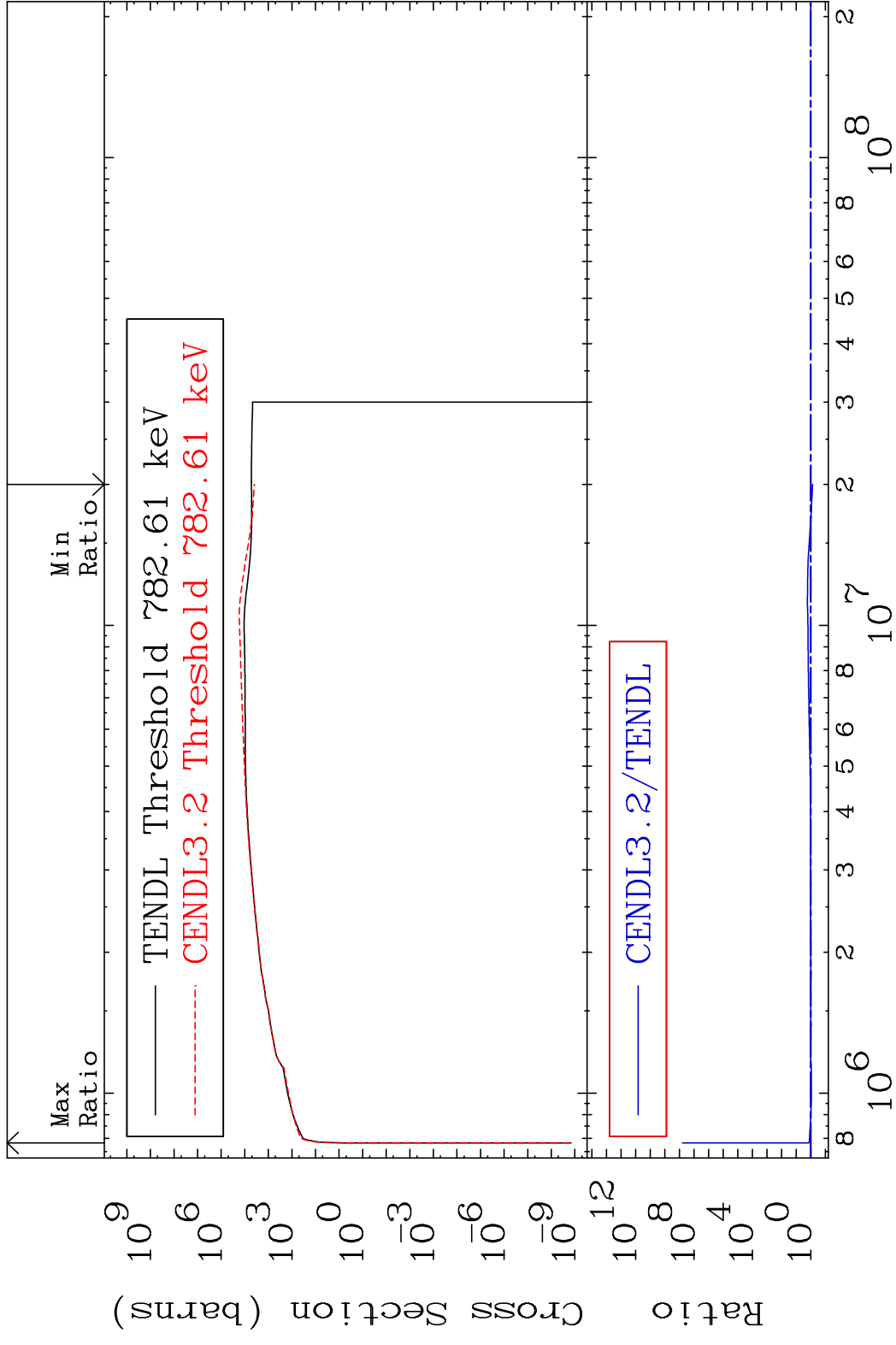


39

Incident Energy (eV)

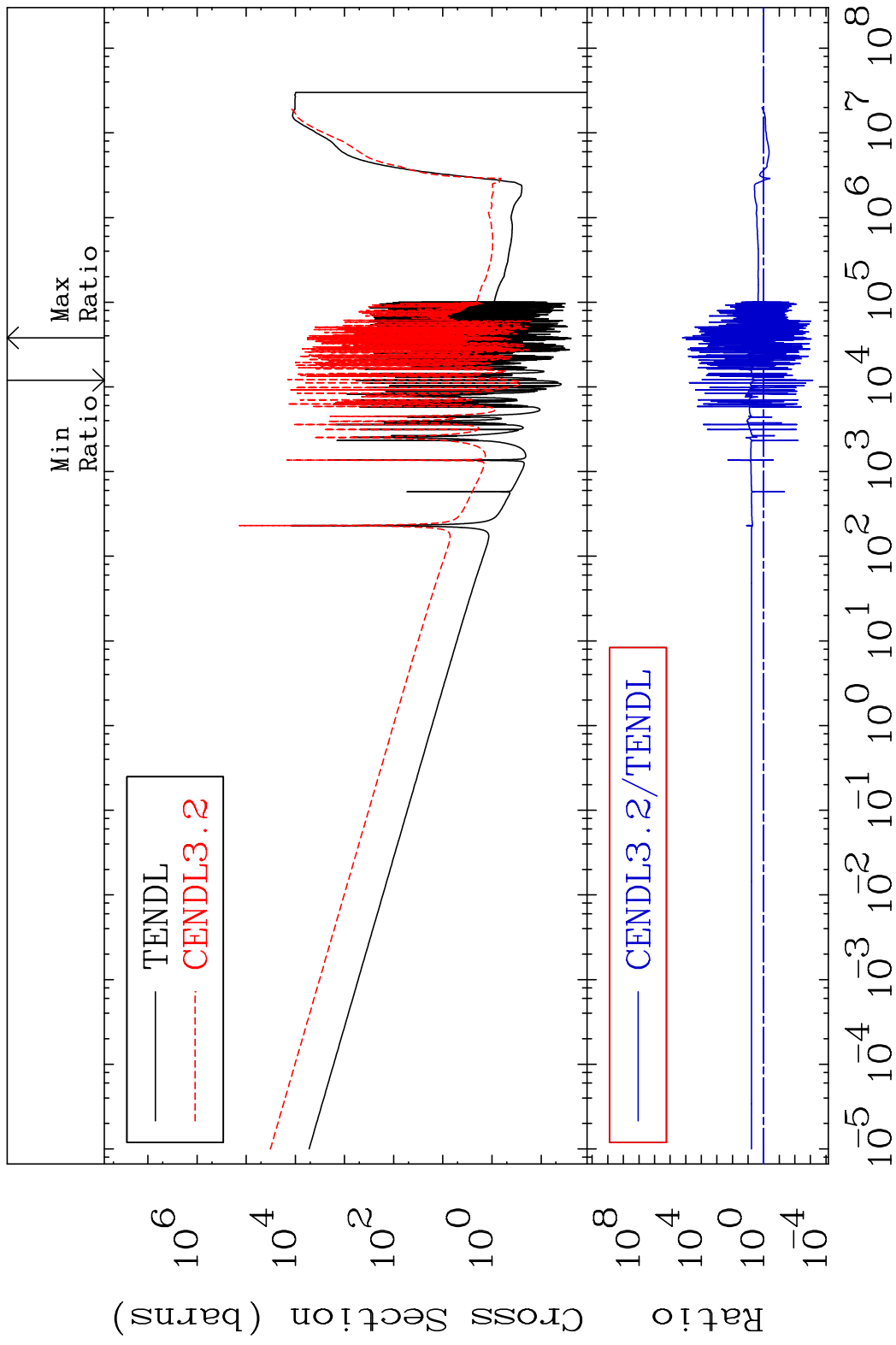
29-Cu-65

MAT 2931      Dpa inelastic (mt51-91)      29-Cu-65  
 Cross Section      -24.52 To 9999. %

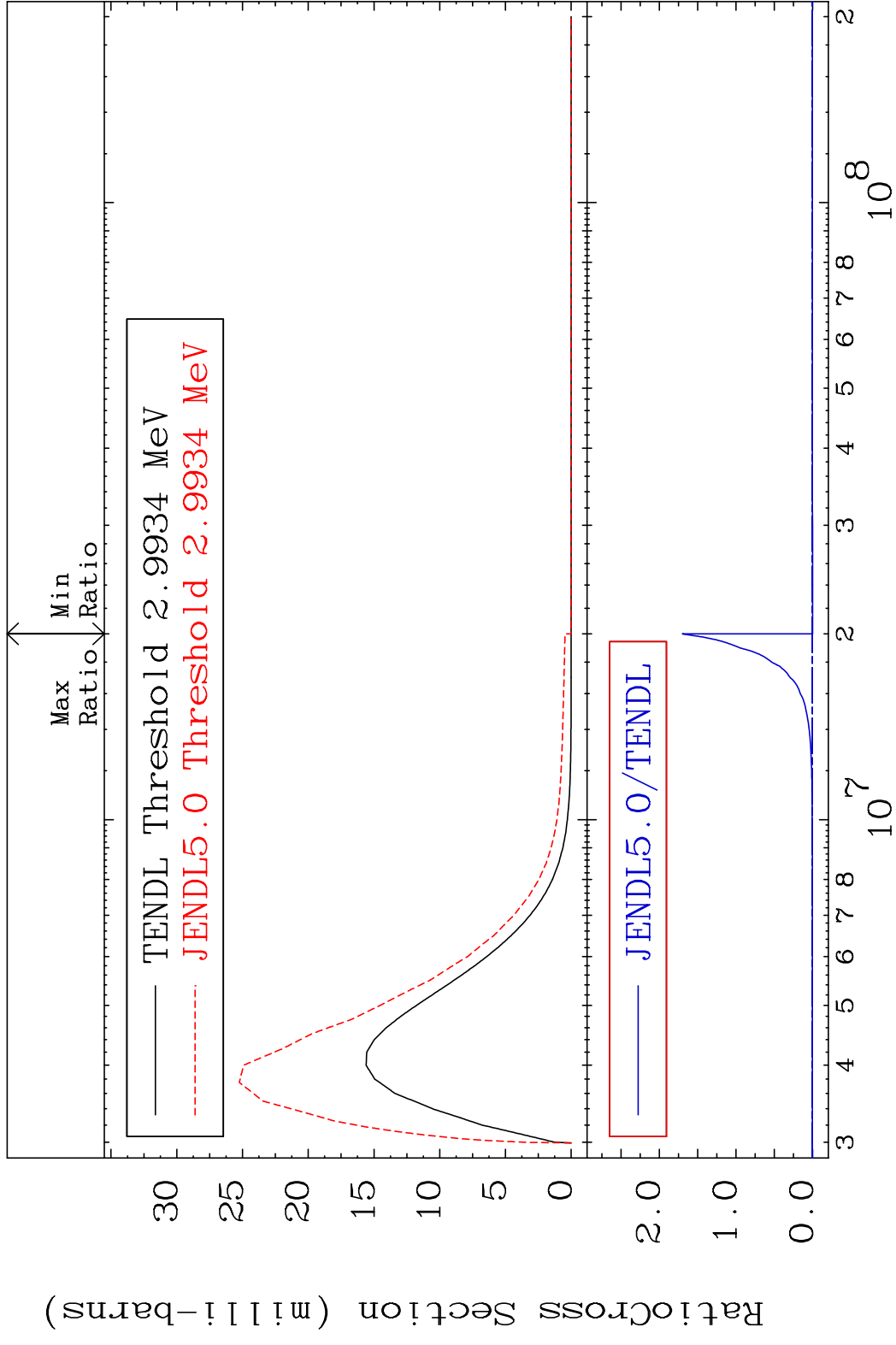


40      Incident Energy (eV)      29-Cu-65

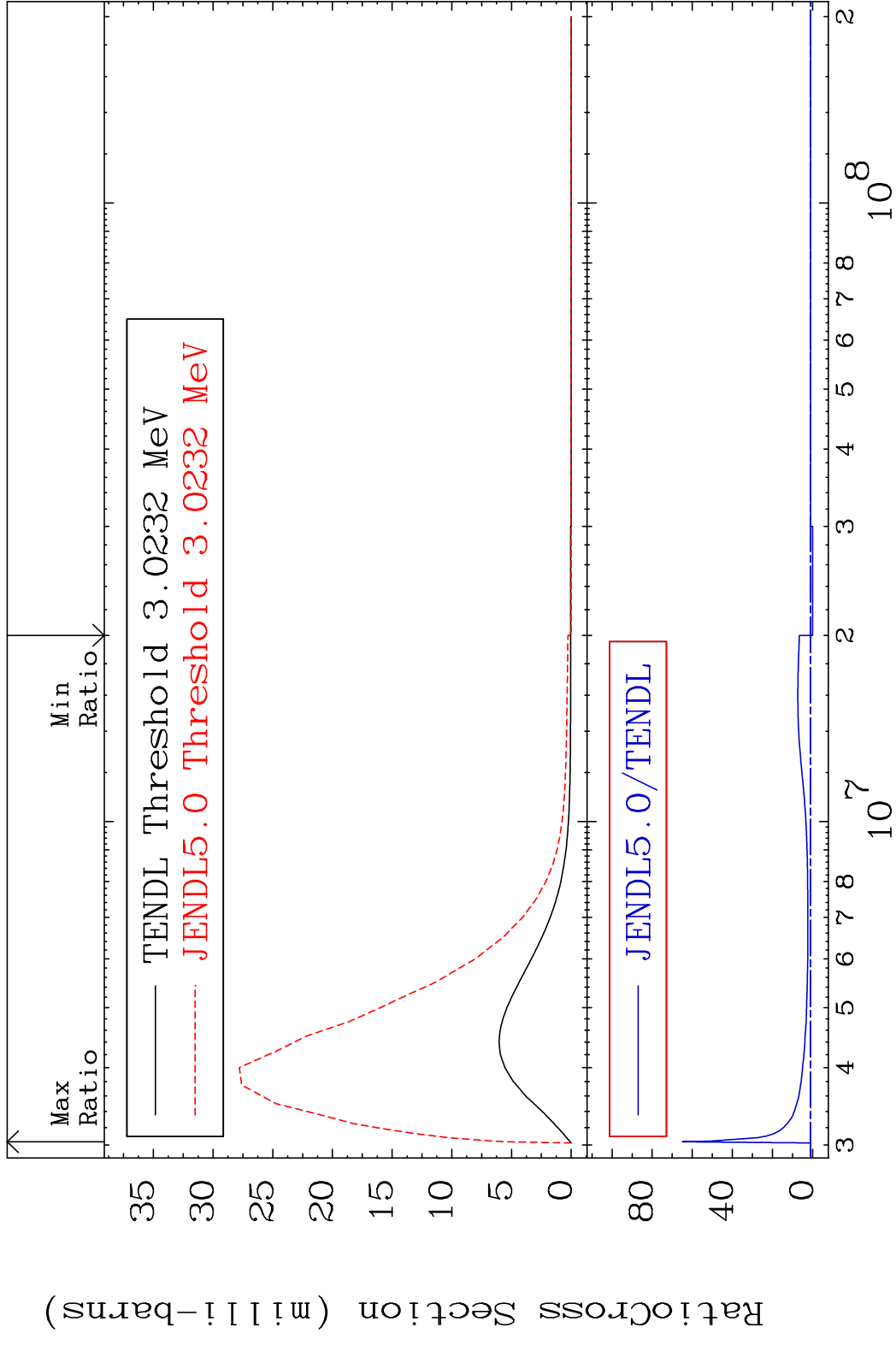
MAT 2931 Dpa disappearance (mt102 -120) 29-Cu-65  
 Cross Section -99.93 To 9999. %



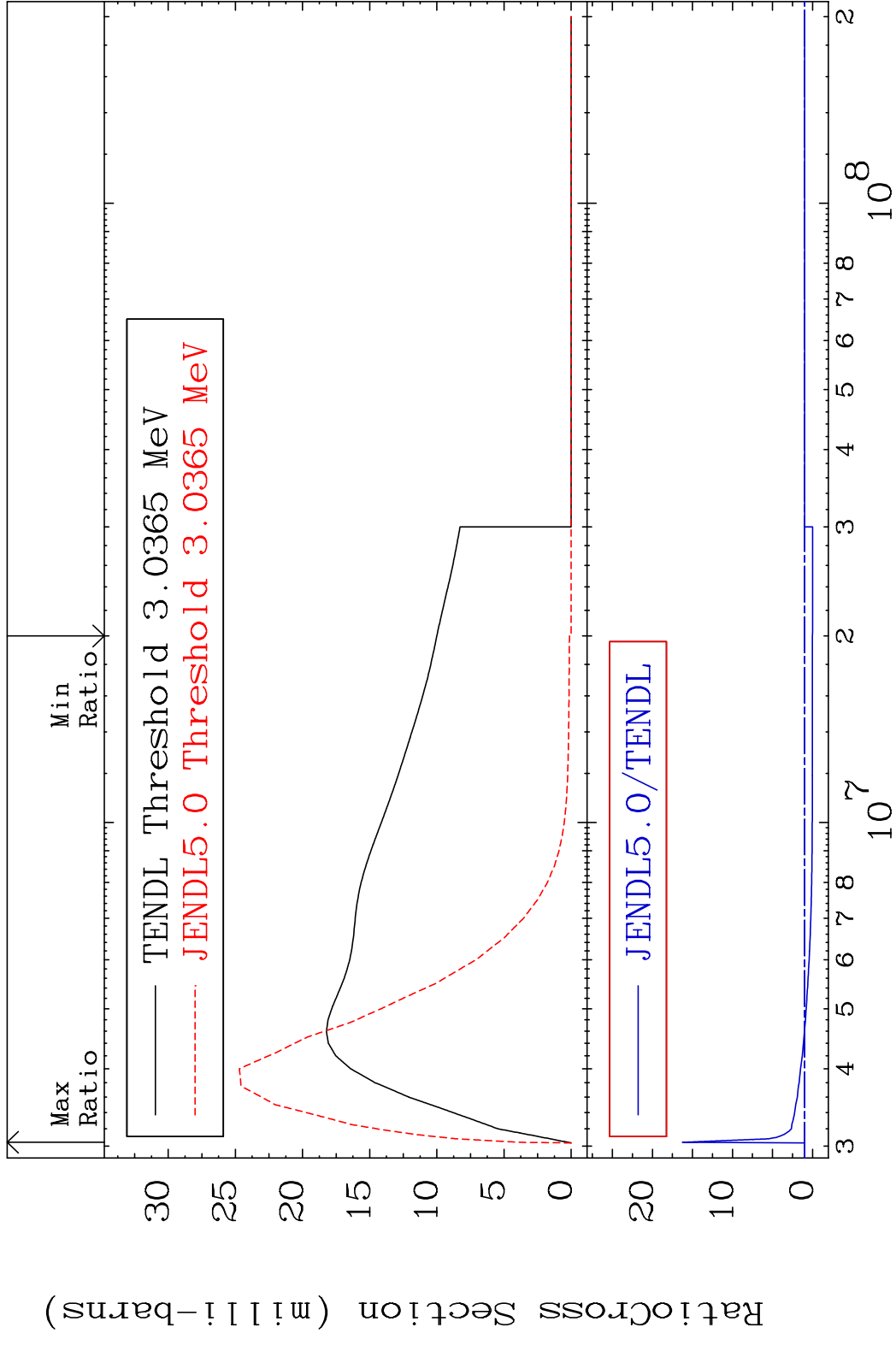
MAT 2931 MT= 78 (n, n') Level 29-Cu-65  
 Cross Section -100.0 To 9999. %



MAT 2931 MT= 79 (n,n') Level 29-Cu-65  
 Cross Section -100.0 To 6394. %

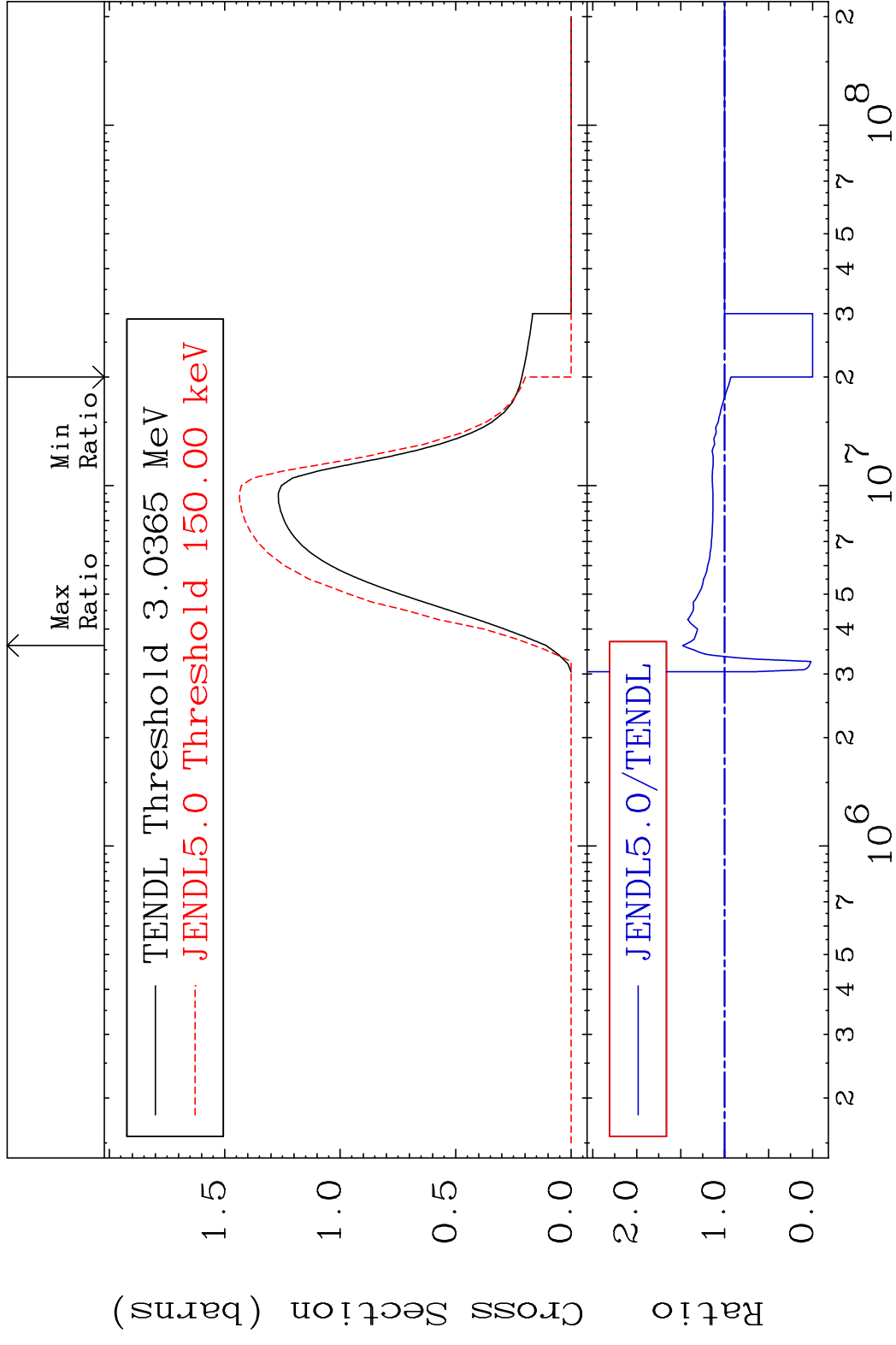


MAT 2931 MT= 80 (n, n') Level 29-Cu-65  
 Cross Section -100.0 To 1526. %



44 Incident Energy (eV) 29-Cu-65

MAT 2931 (n, n') Continuum 29-Cu-65  
 Cross Section -100.0 To 48.12 %

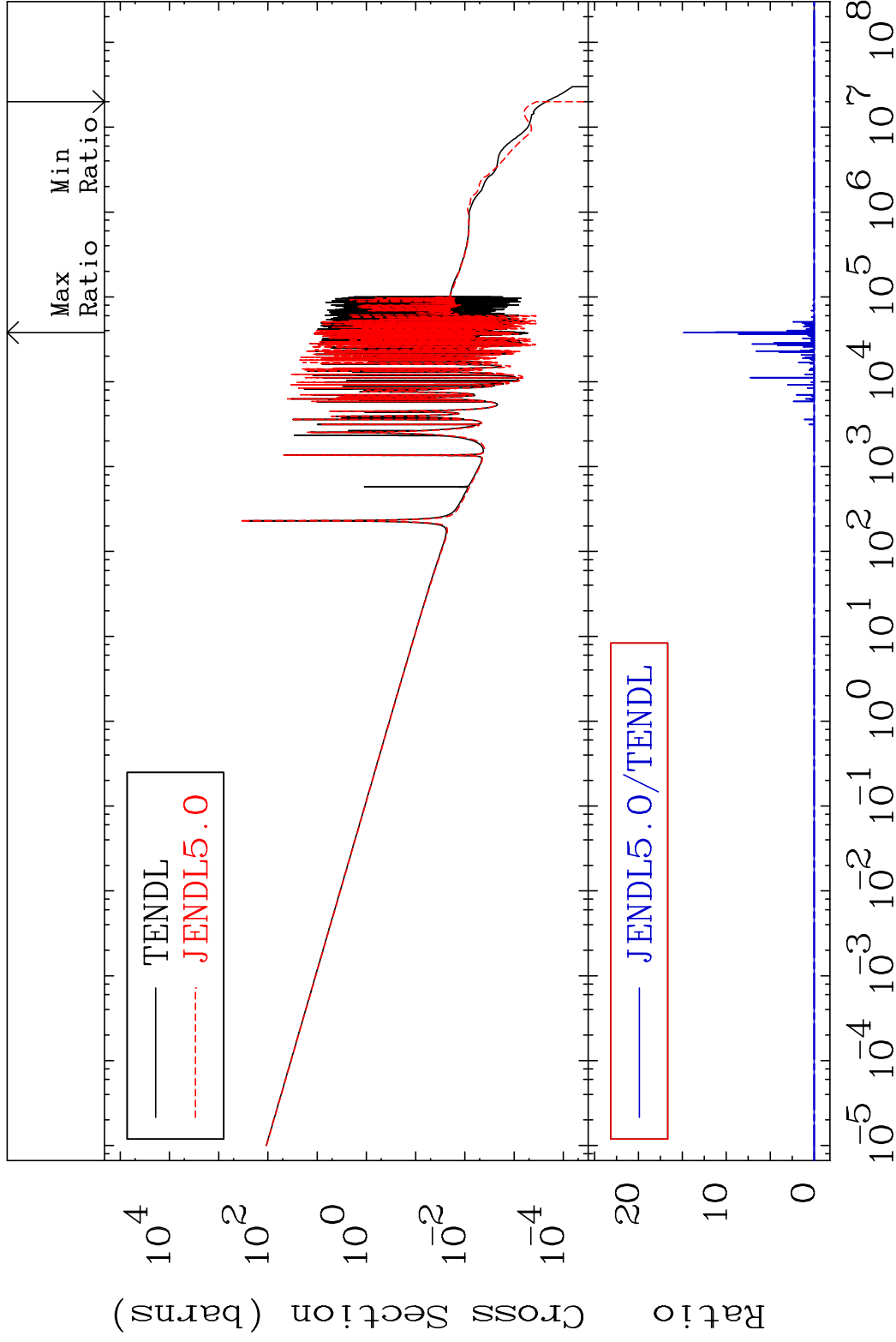


MAT 2931

(n,  $\gamma$ )

29-Cu-65

Cross Section -100.0 To 9999. %

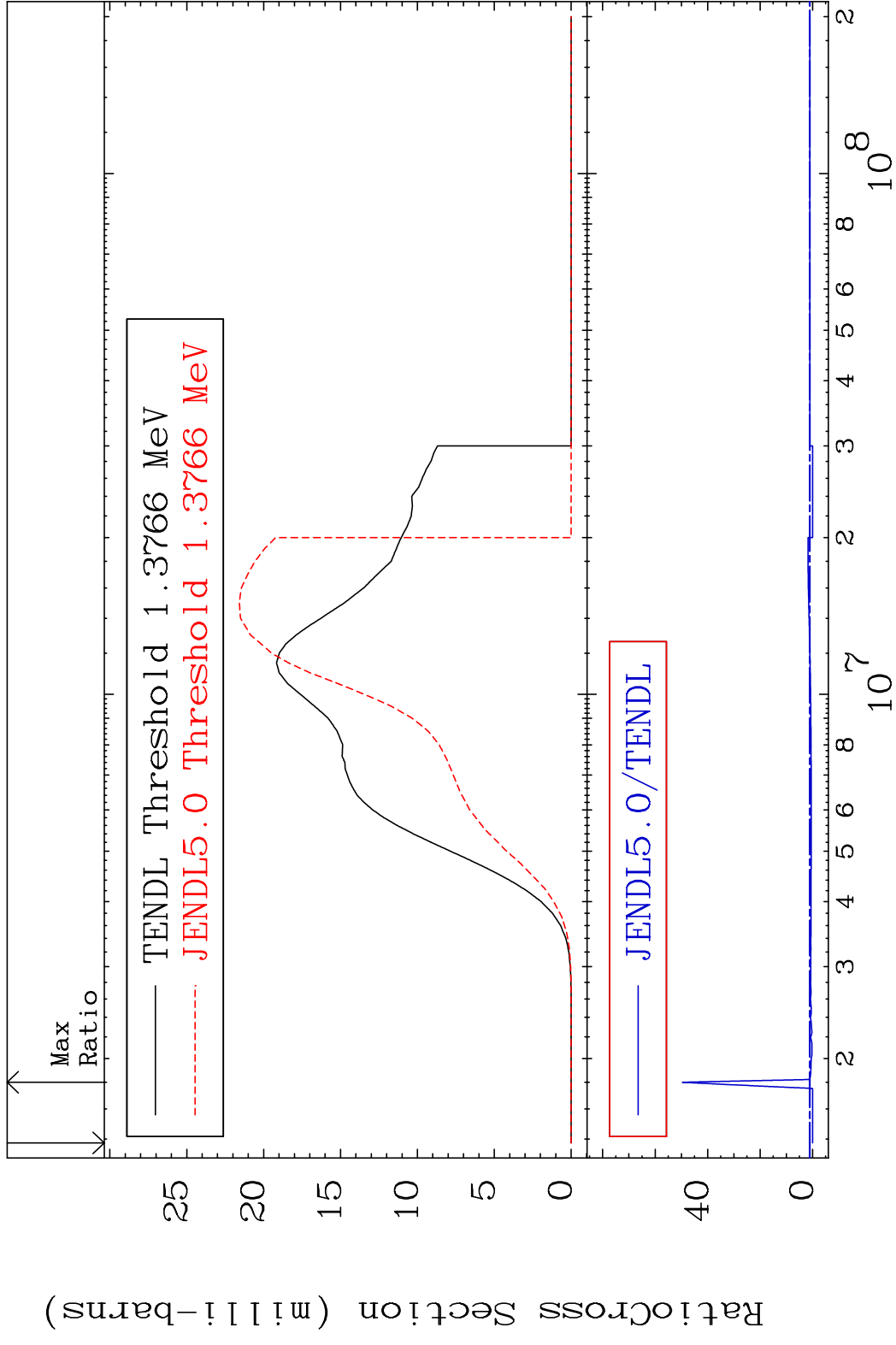


46

Incident Energy (eV)

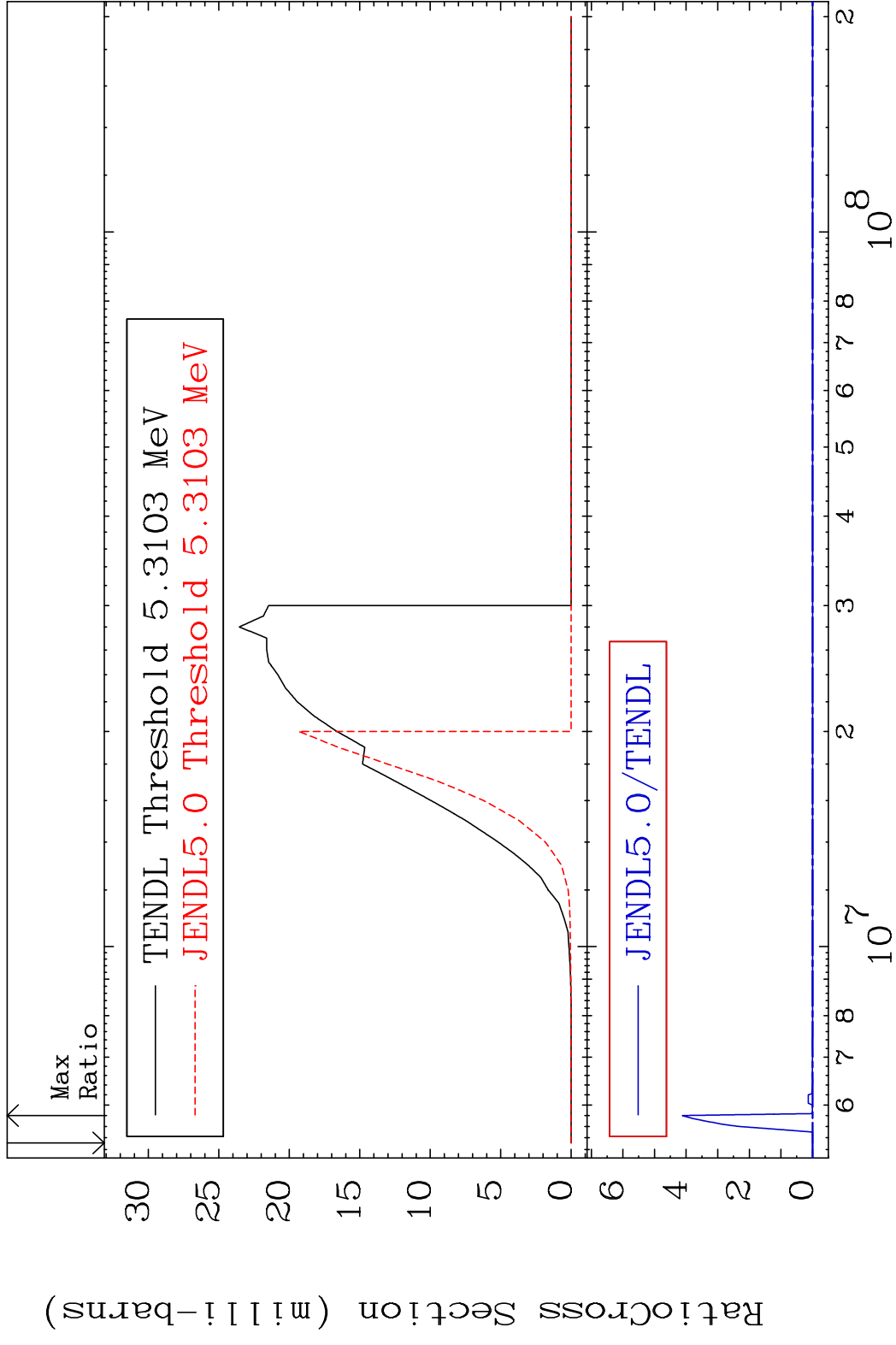
29-Cu-65

MAT 2931 (n,p) 29-Cu-65  
 Cross Section -100.0 To 4863. %



47 29-Cu-65

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

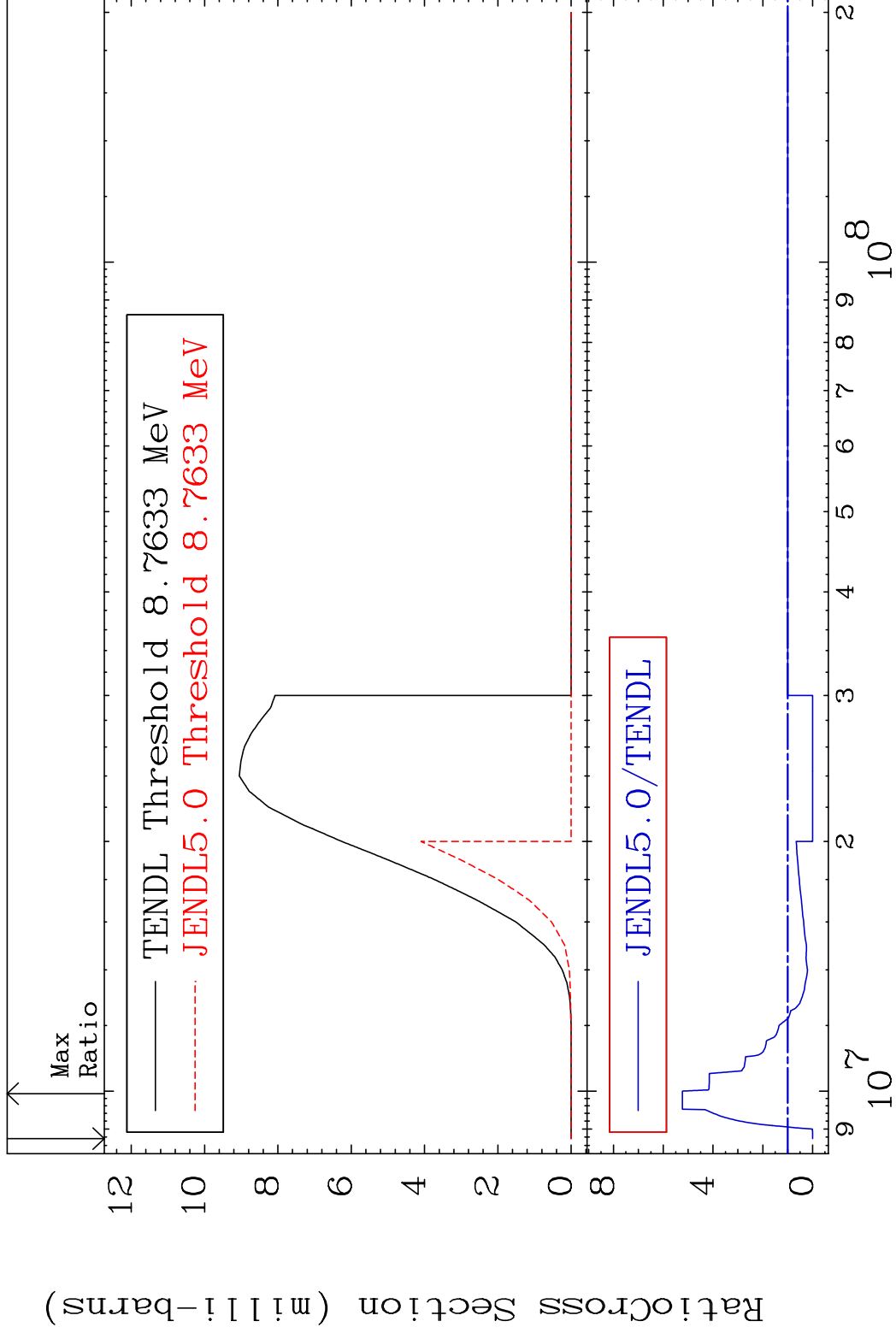


MAT 2931

(n, t)

29-Cu-65

Cross Section -100.0 To 423.3 %



49

Incident Energy (eV)

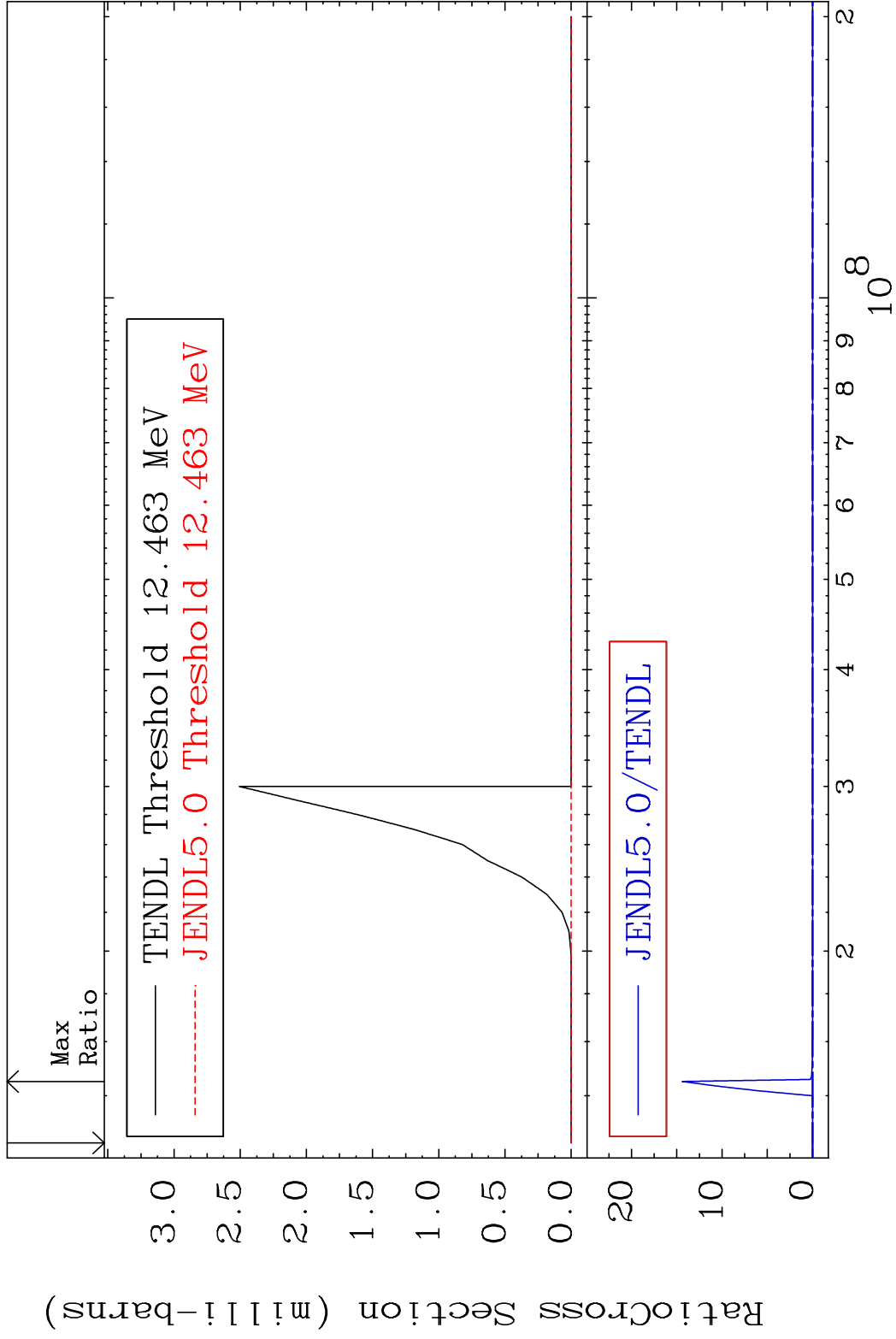
29-Cu-65

MAT 2931

(n, He-3)

29-Cu-65

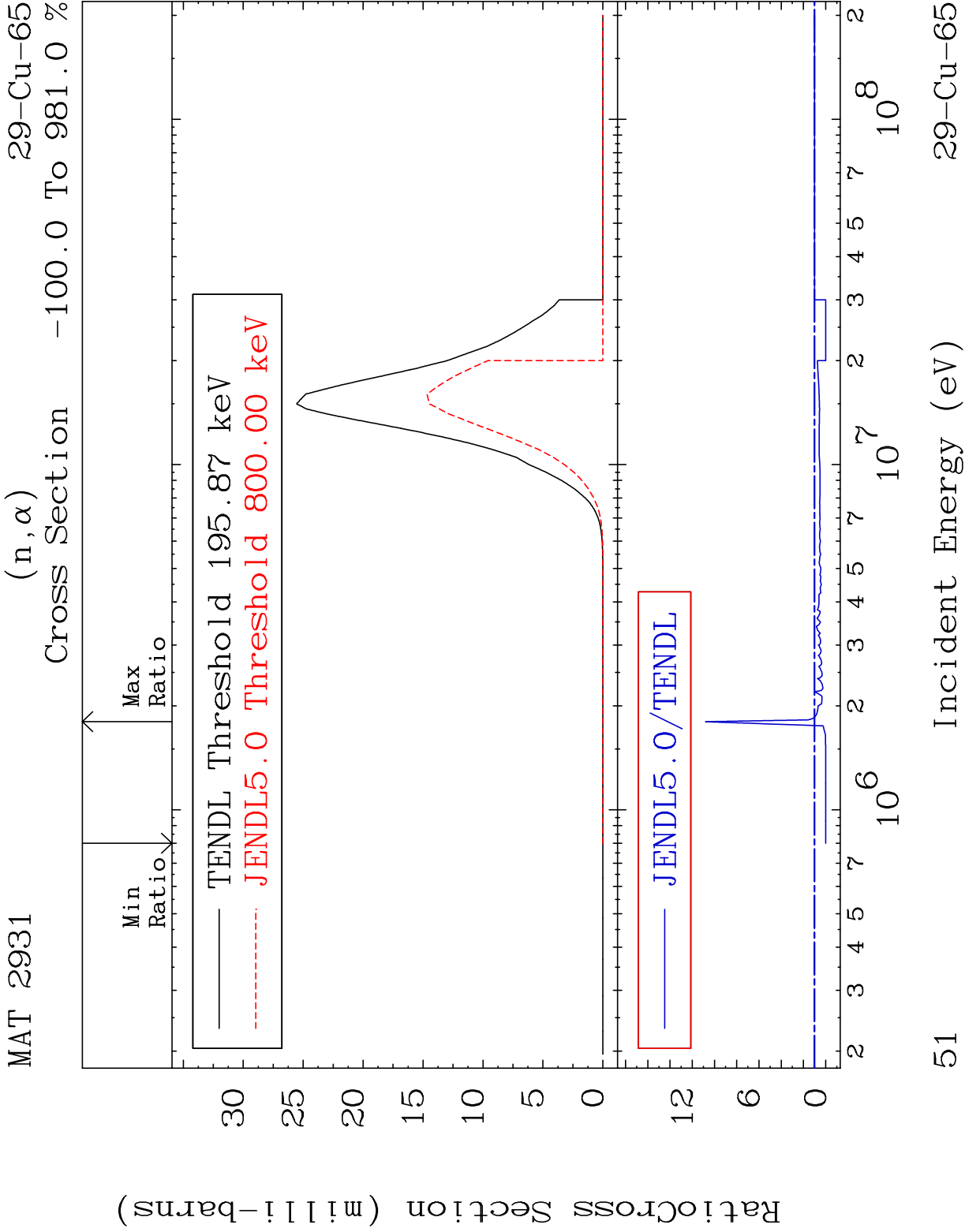
Cross Section -100.0 To 9999. %



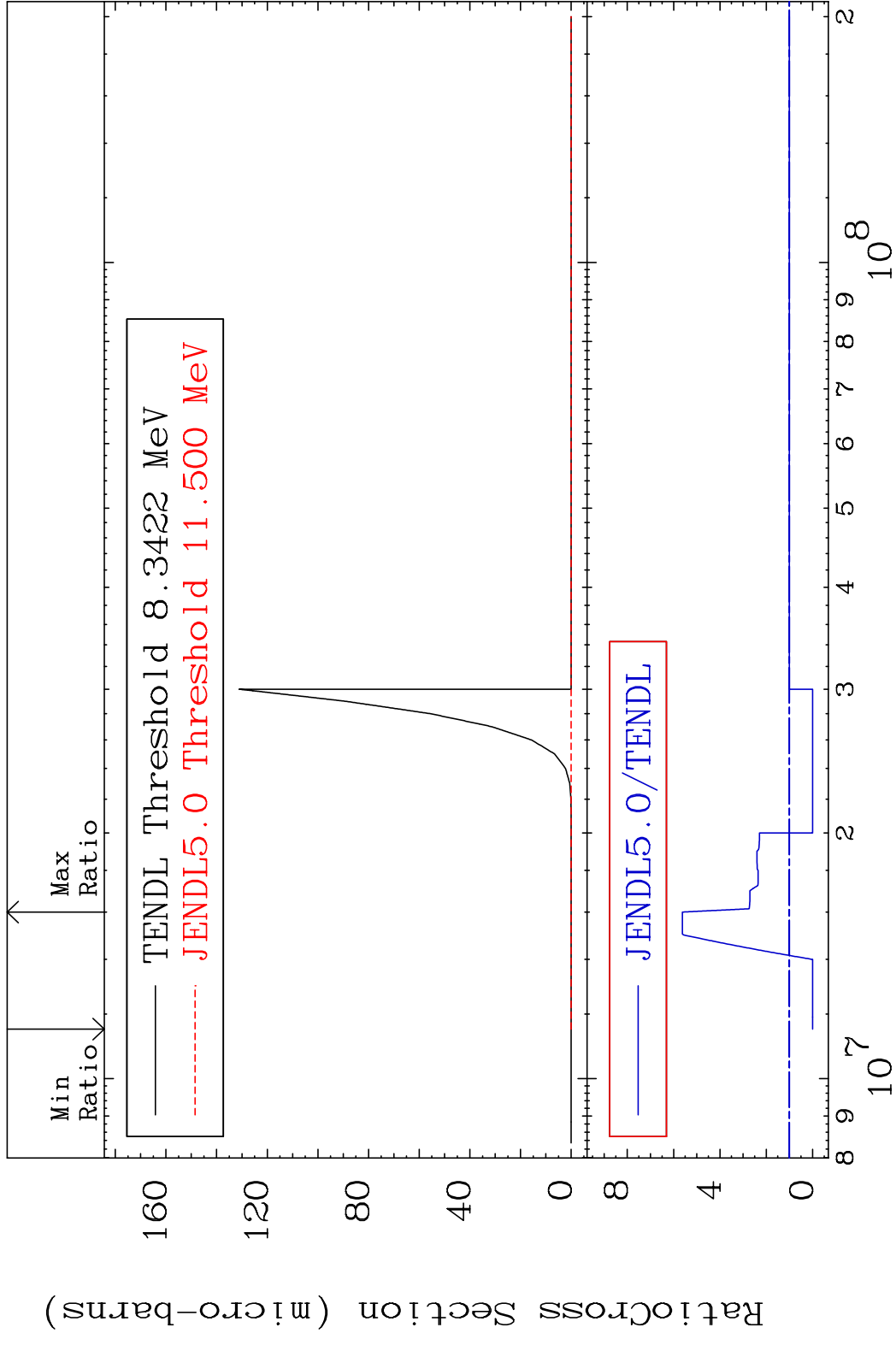
50

Incident Energy (eV)

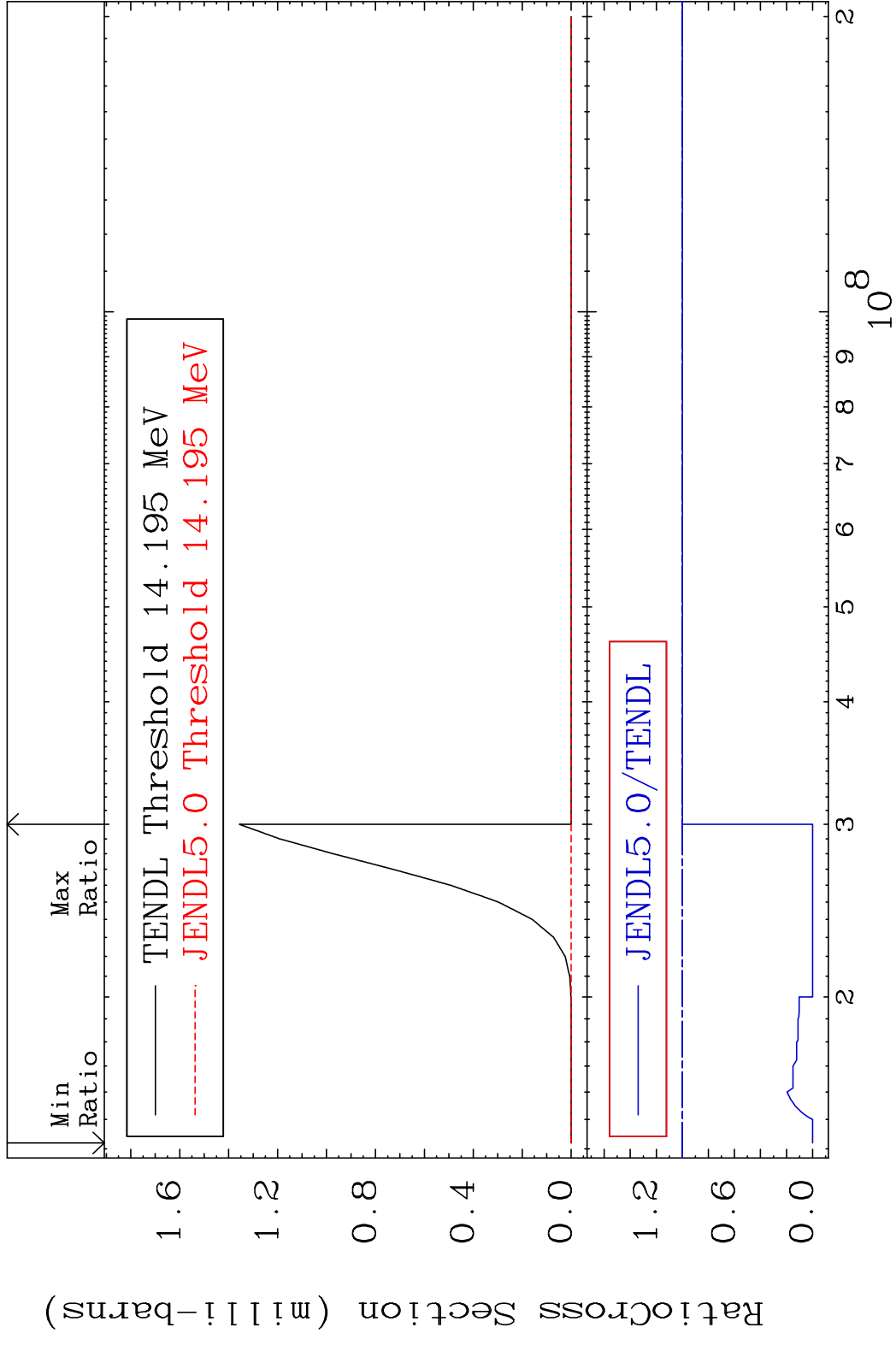
29-Cu-65



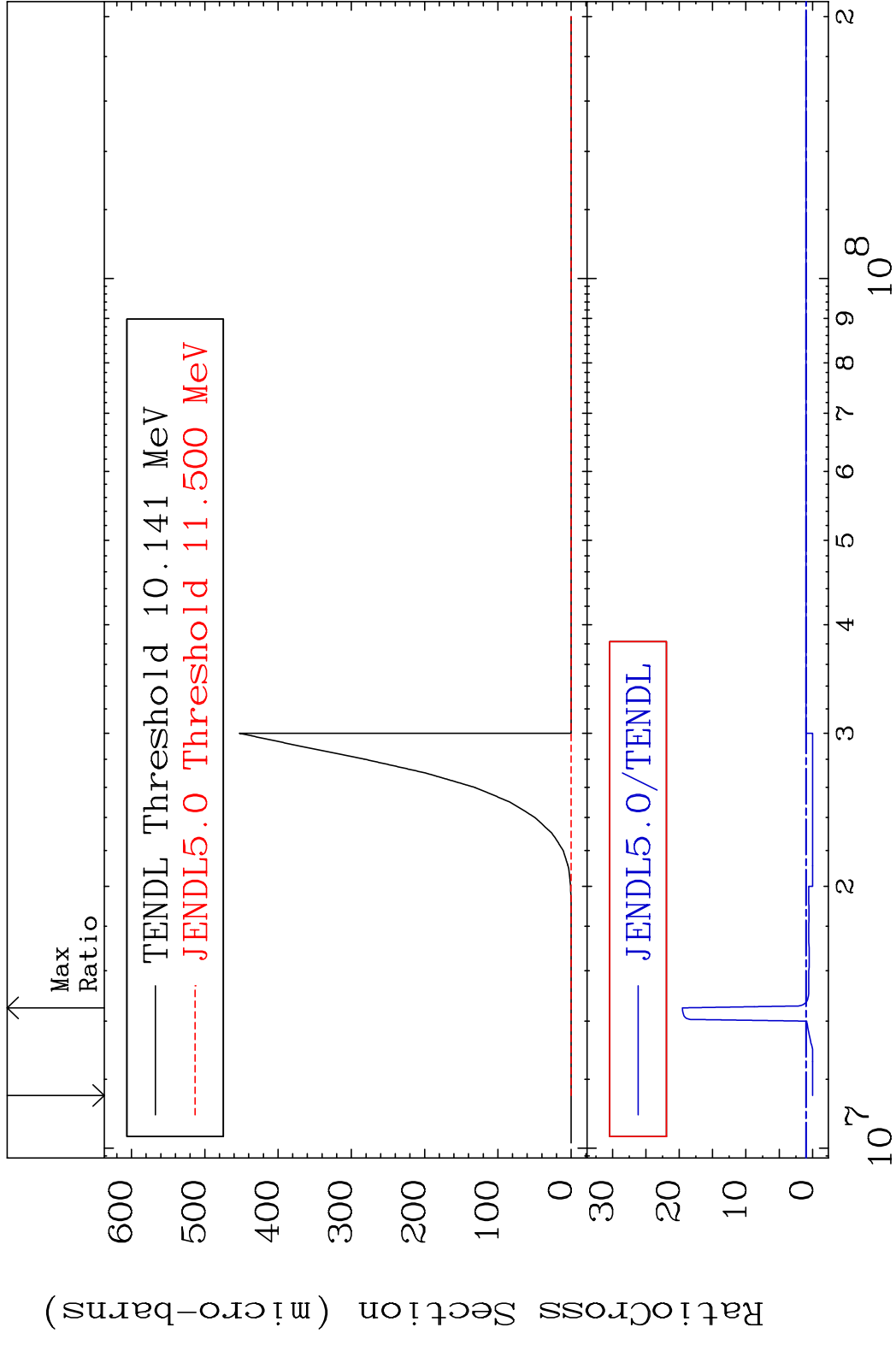
MAT 2931 (n,2α) 29-Cu-65  
 Cross Section -100.0 To 462.2 %



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



MAT 2931 (n,p)  $\alpha$  29-Cu-65  
 Cross Section -100.0 To 1853. %



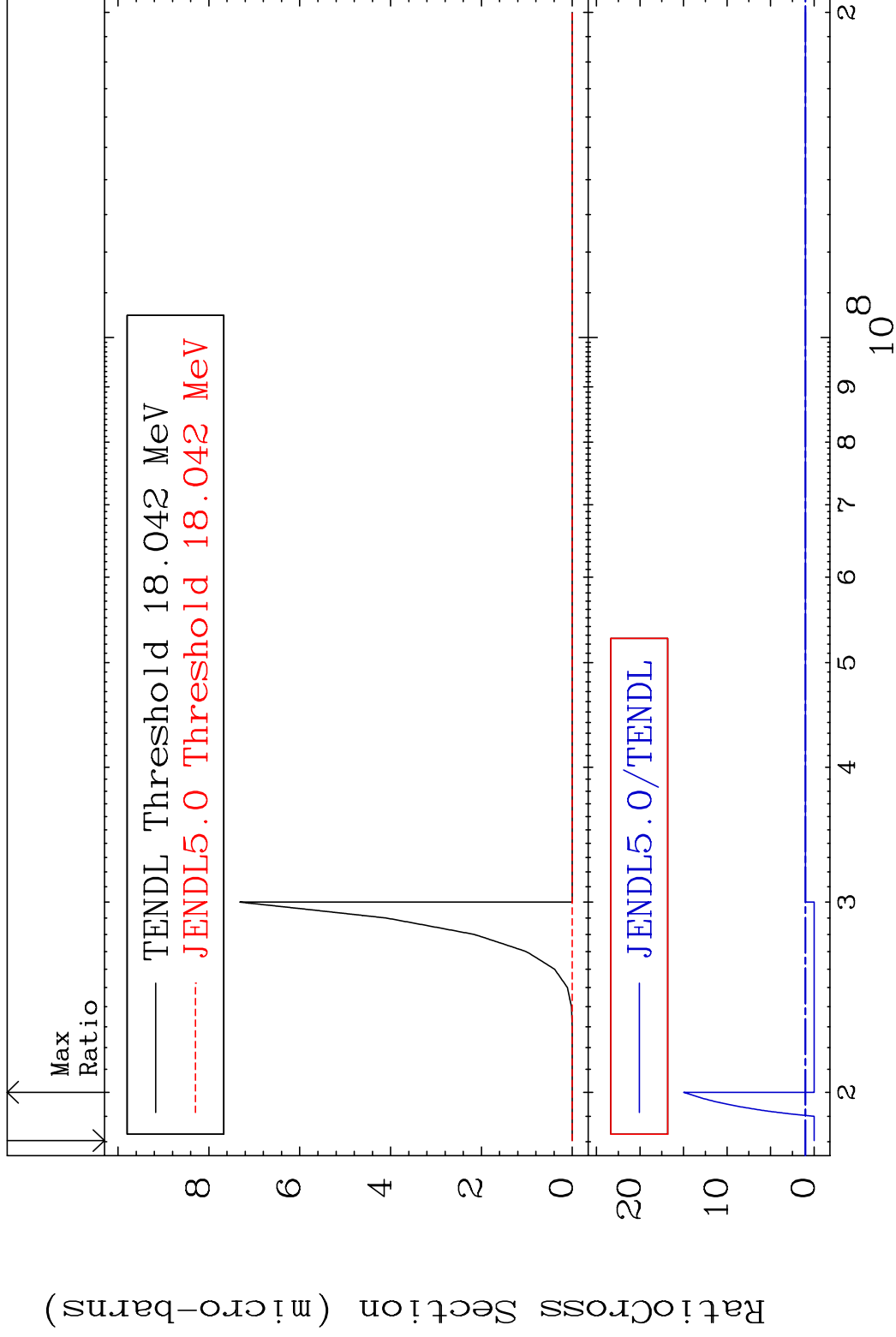
54 Incident Energy (eV) 29-Cu-65

MAT 2931

(n,p) d

29-Cu-65

Cross Section -100.0 To 1399. %

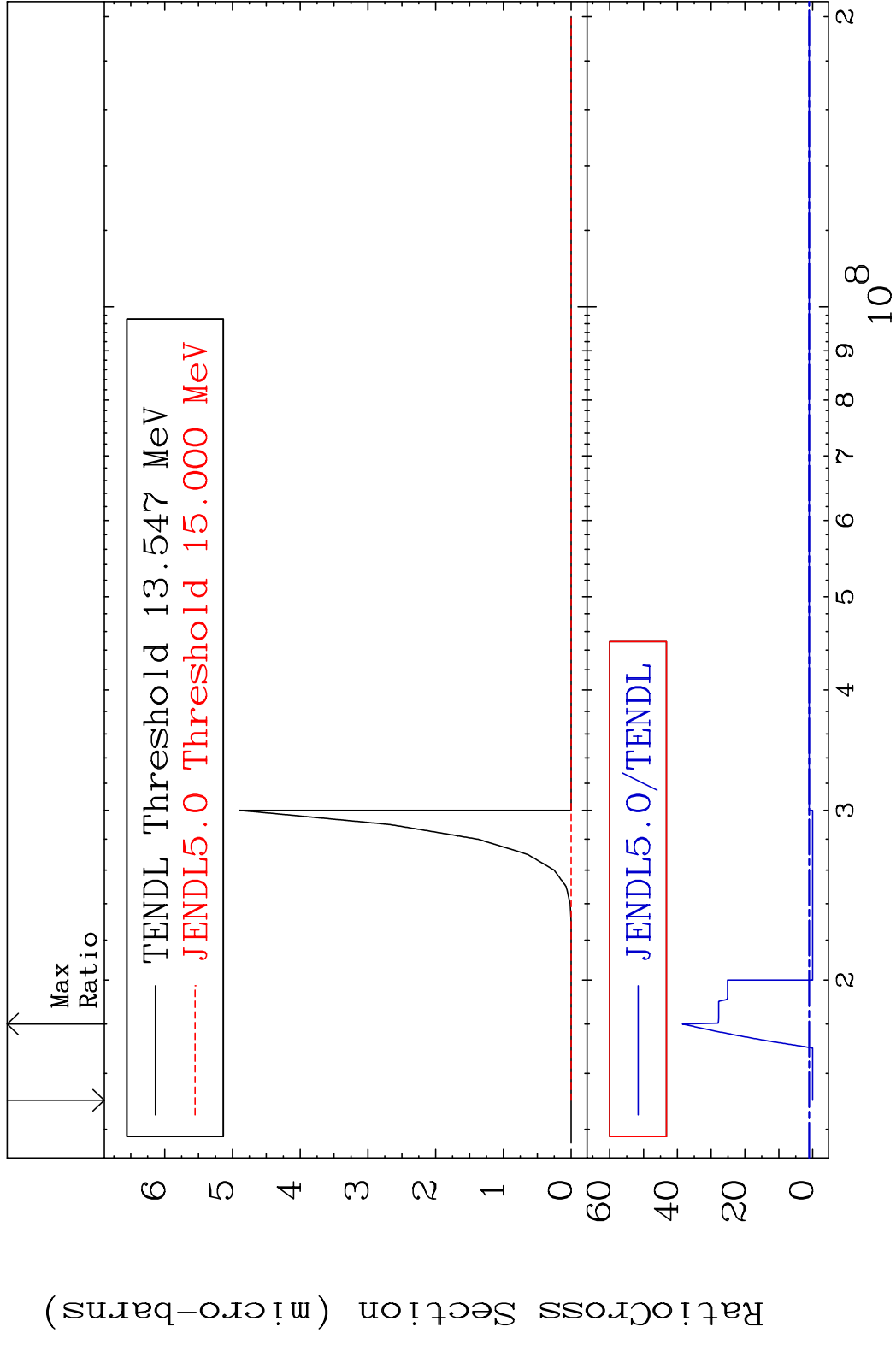


55

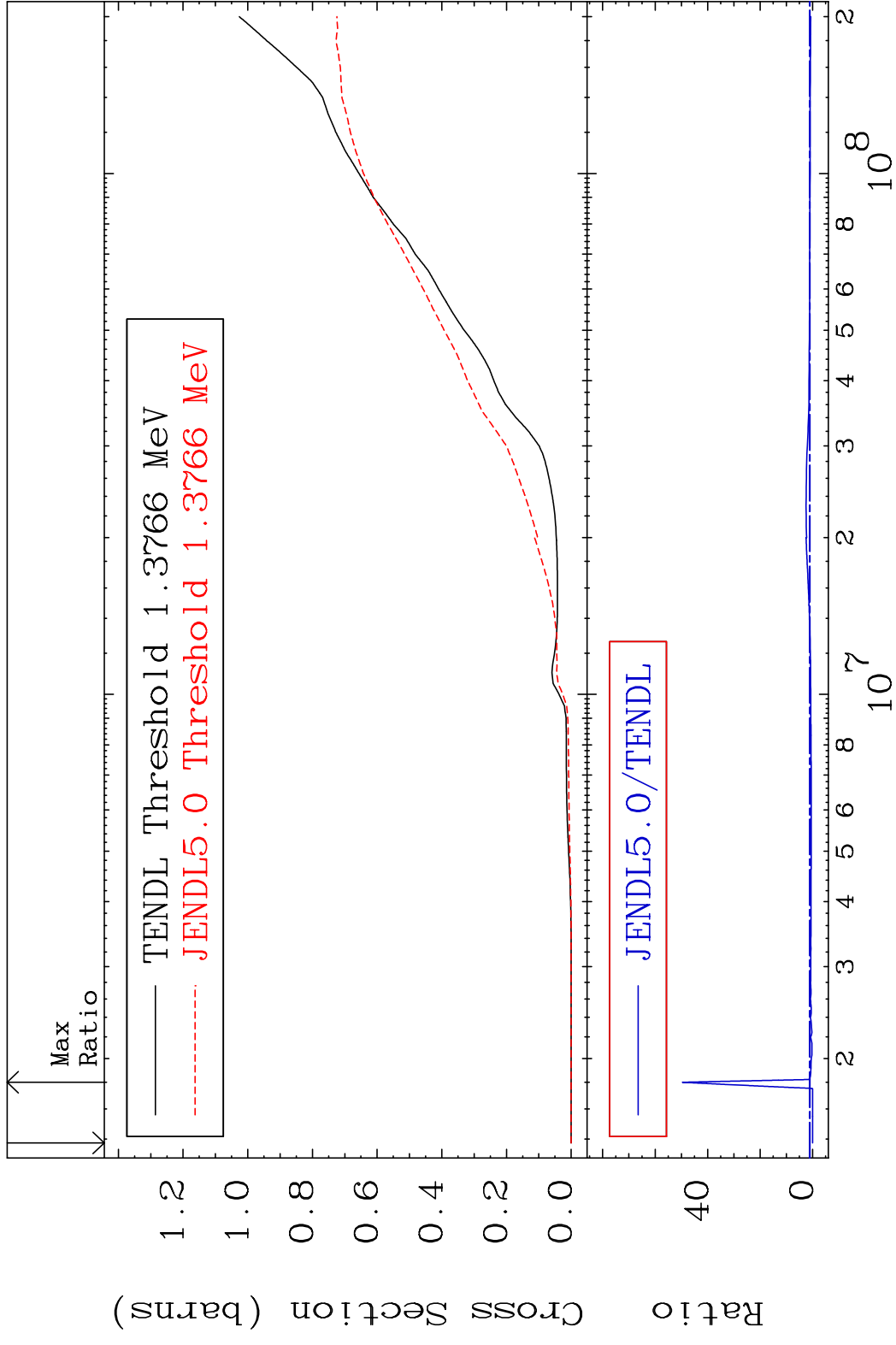
Incident Energy (eV)

29-Cu-65

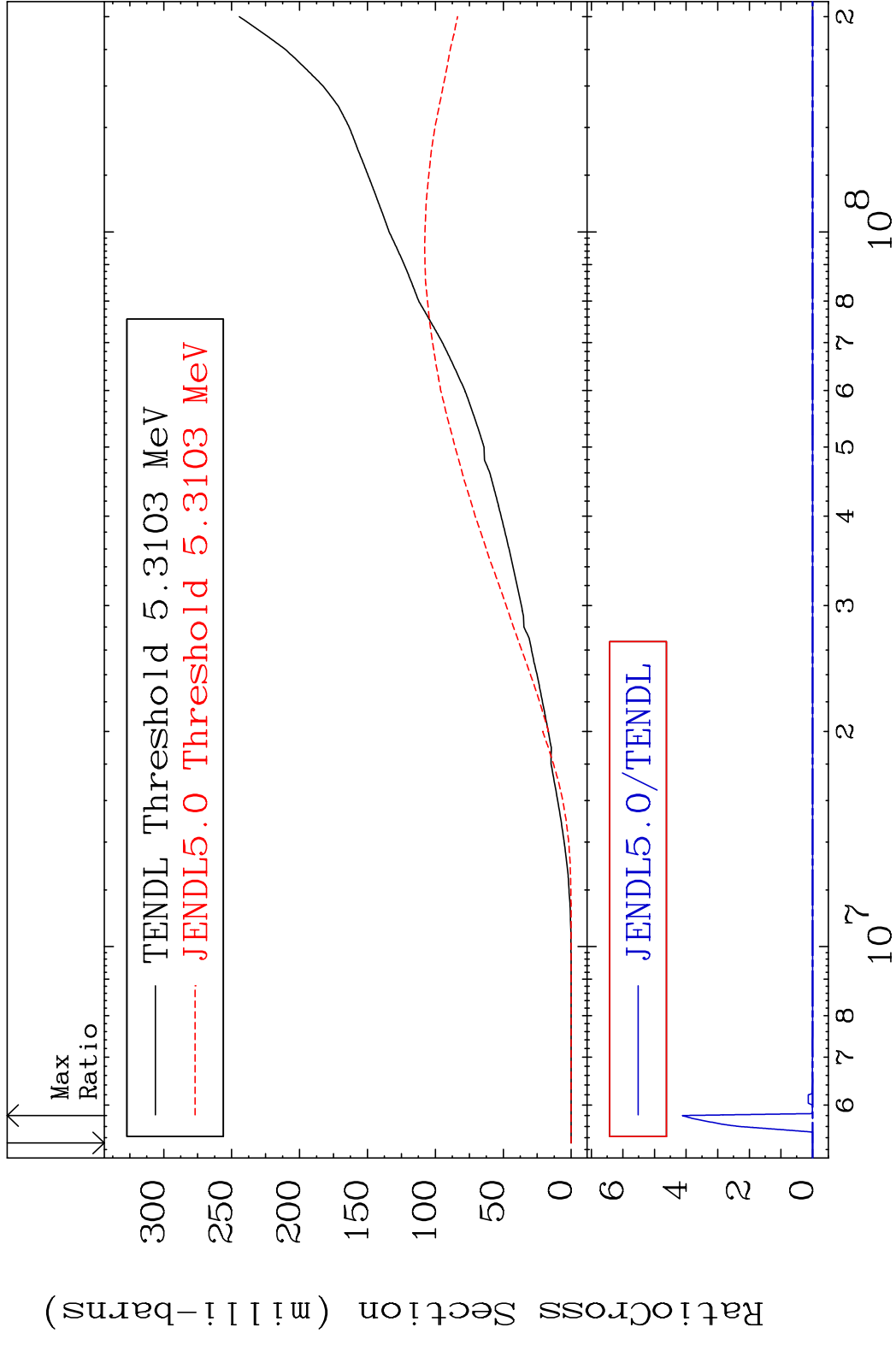
MAT 2931 (n,d)  $\alpha$  29-Cu-65  
 Cross Section -100.0 To 3752. %



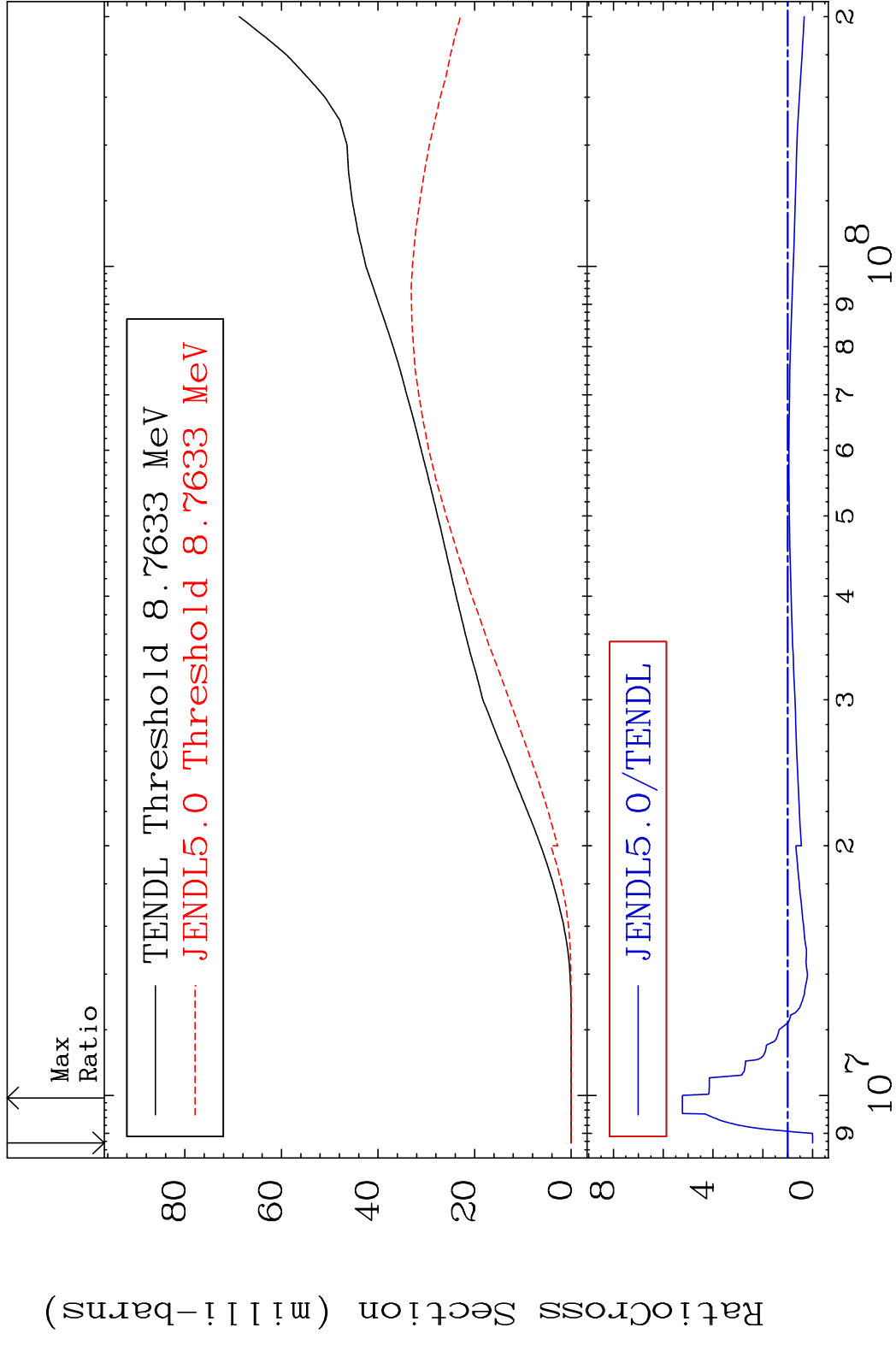
MAT 2931 Hydrogen Production 29-Cu-65  
 Cross Section -100.0 To 4863. %



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

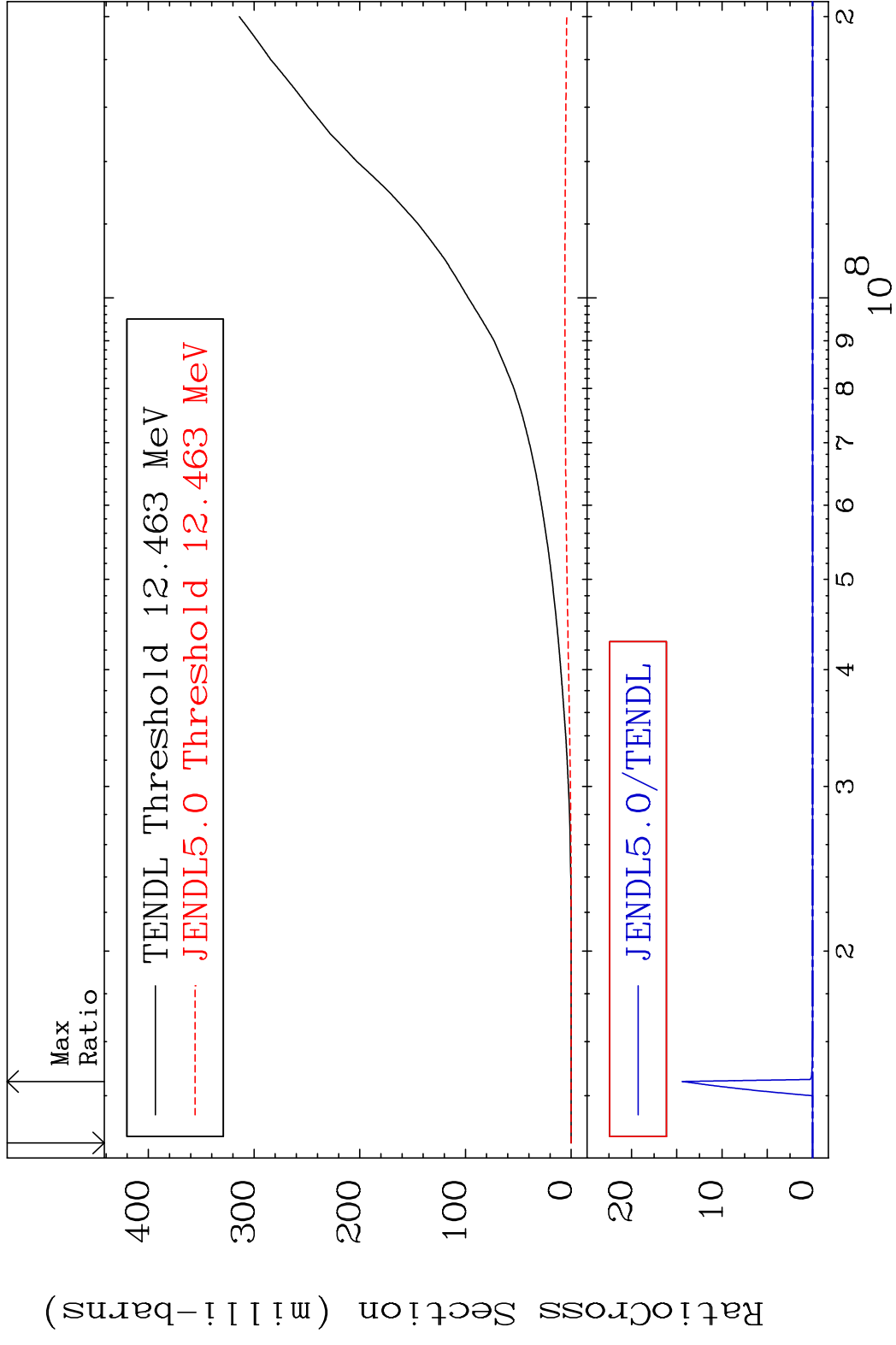


MAT 2931 Tritium Production 29-Cu-65  
 Cross Section -100.0 To 423.3 %



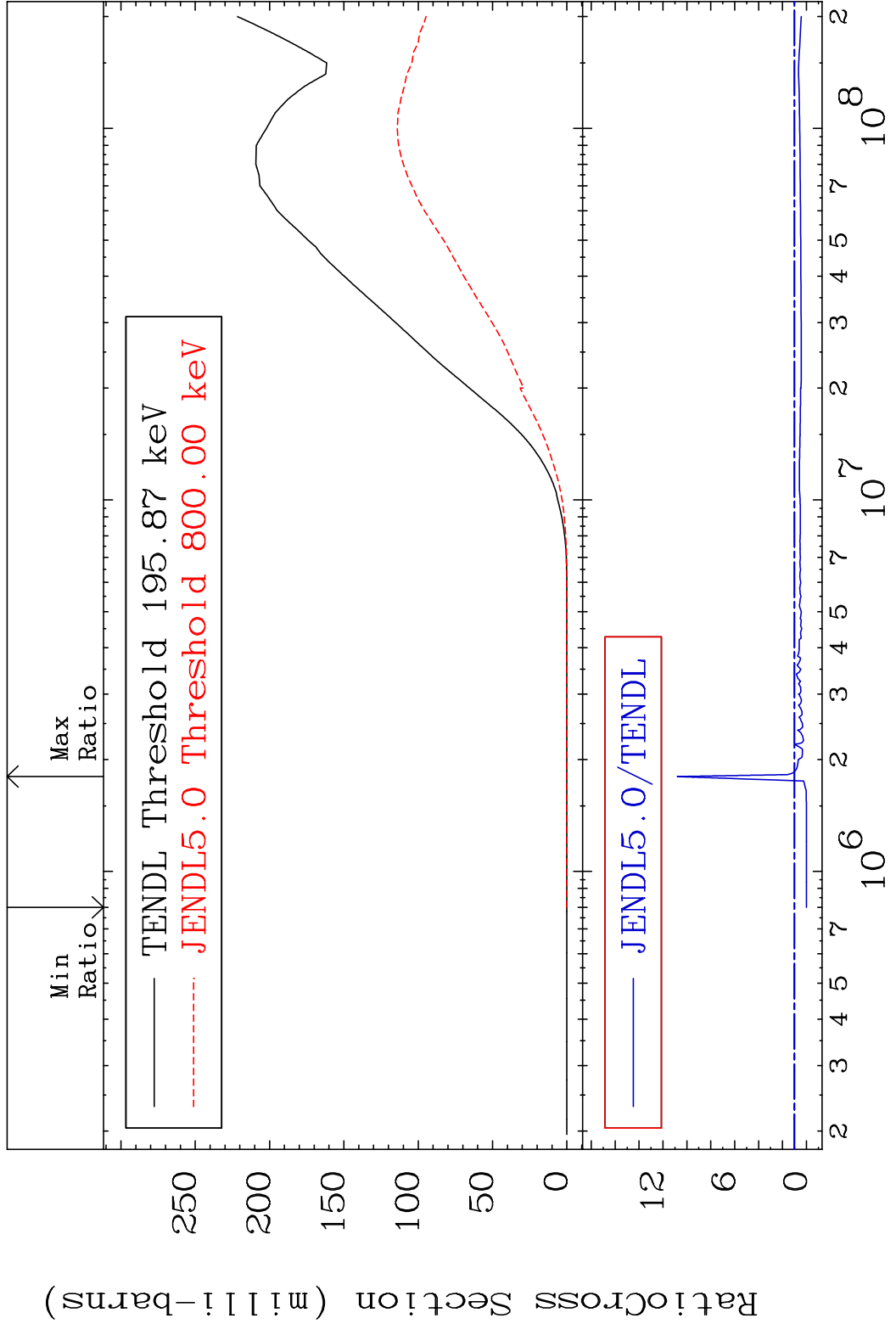
59 29-Cu-65

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

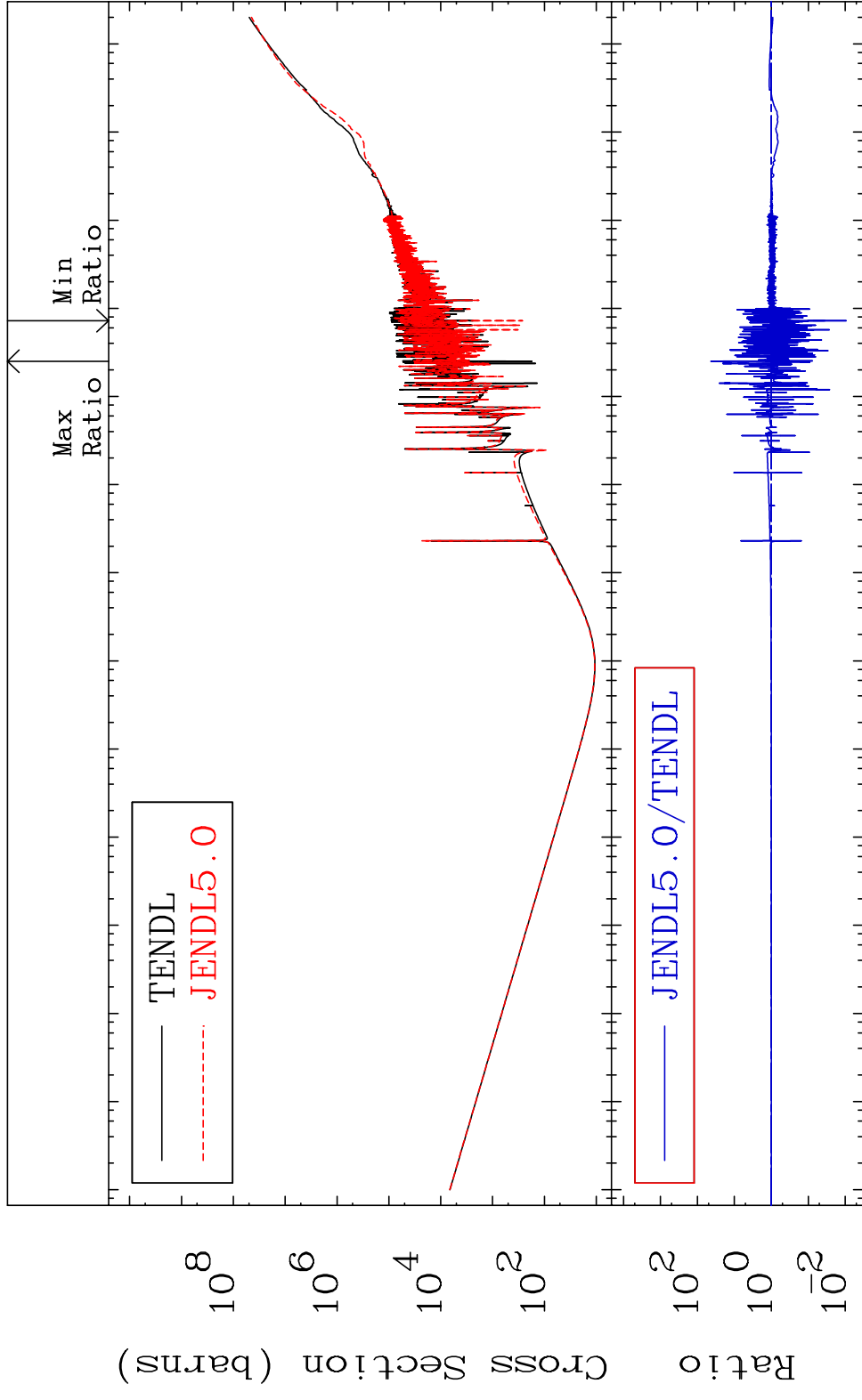


60 Incident Energy (eV) 29-Cu-65

MAT 2931 He-4 Production 29-Cu-65  
 Cross Section -100.0 To 981.0 %



MAT 2931 Kerma total (eV-barns) 29-Cu-65  
 Cross Section -99.07 To 4271. %



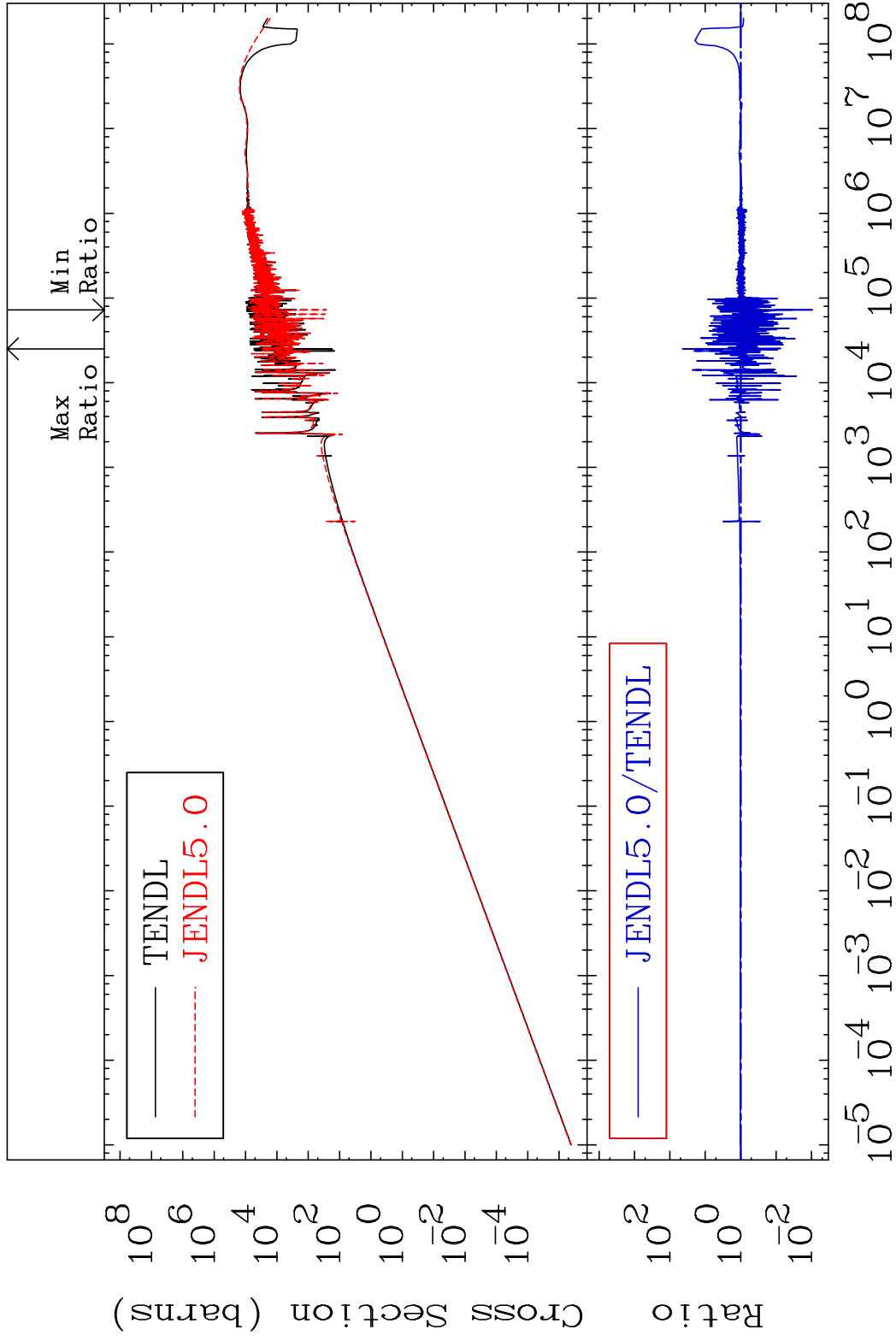
62 Incident Energy (eV) 29-Cu-65

MAT 2931

Kerma elastic

29-Cu-65

Cross Section -99.07 To 4351. %

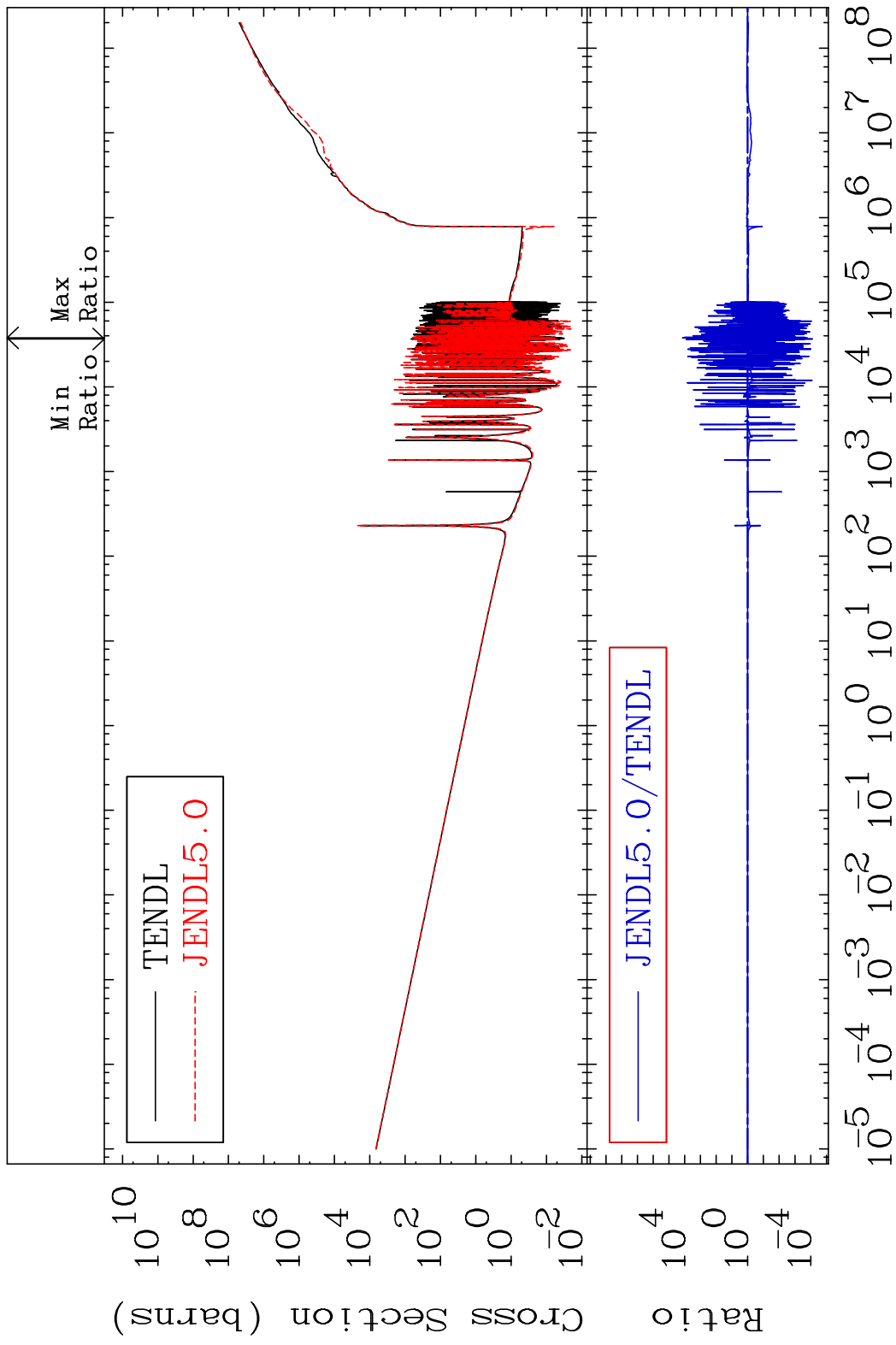


63

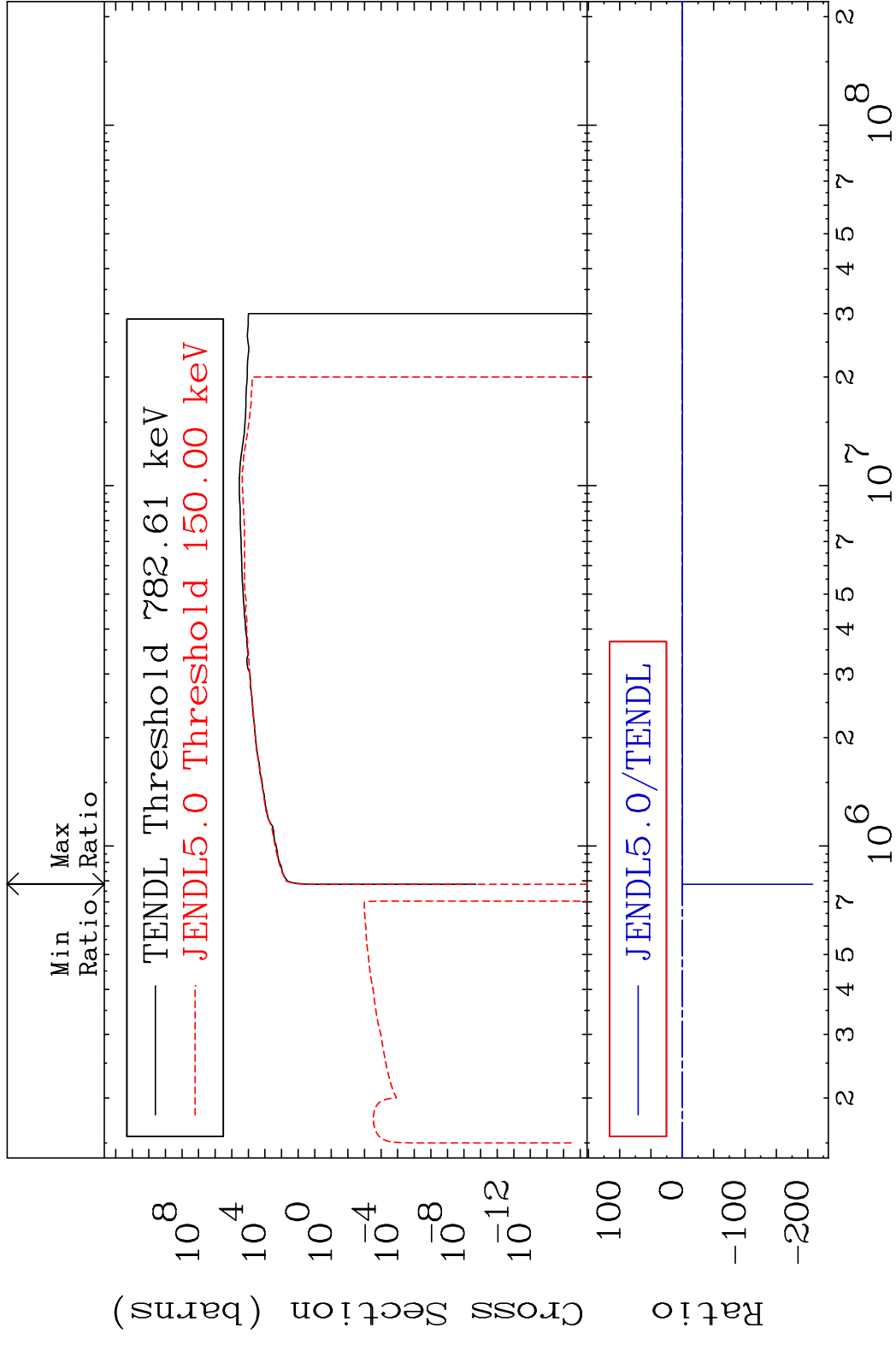
Incident Energy (eV)

29-Cu-65

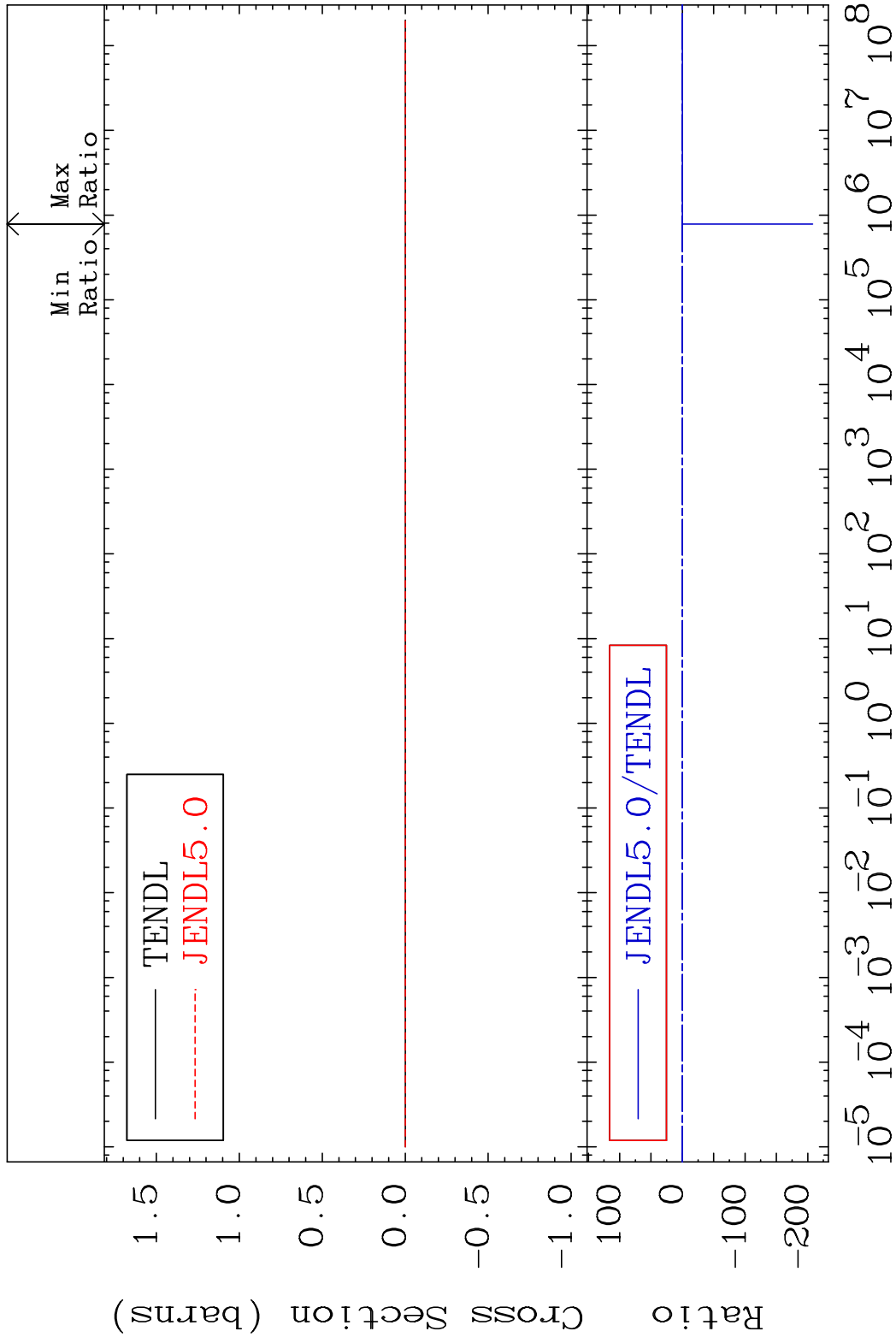
MAT 2931 Kerma non-elastic (all but mt2) 29-Cu-65  
 Cross Section -99.99 To 9999. %



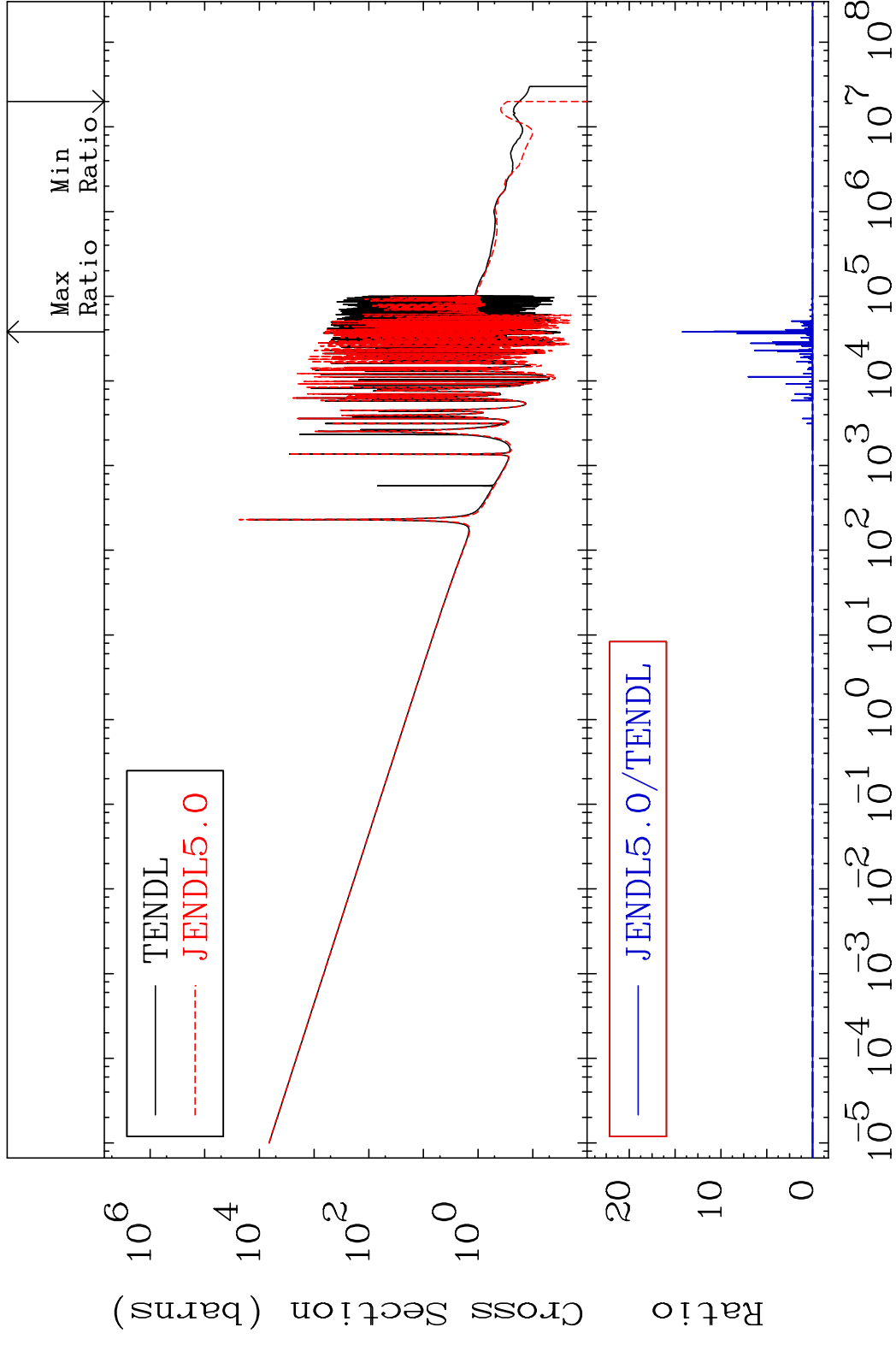
MAT 2931 Kerma inelastic (mt51-91) 29-Cu-65  
 Cross Section -9999. To 20.24 %



MAT 2931 Kerma fission (mt18 or mt19-20-21-38) 29-Cu-65  
 Cross Section -9999. To 20.24 %

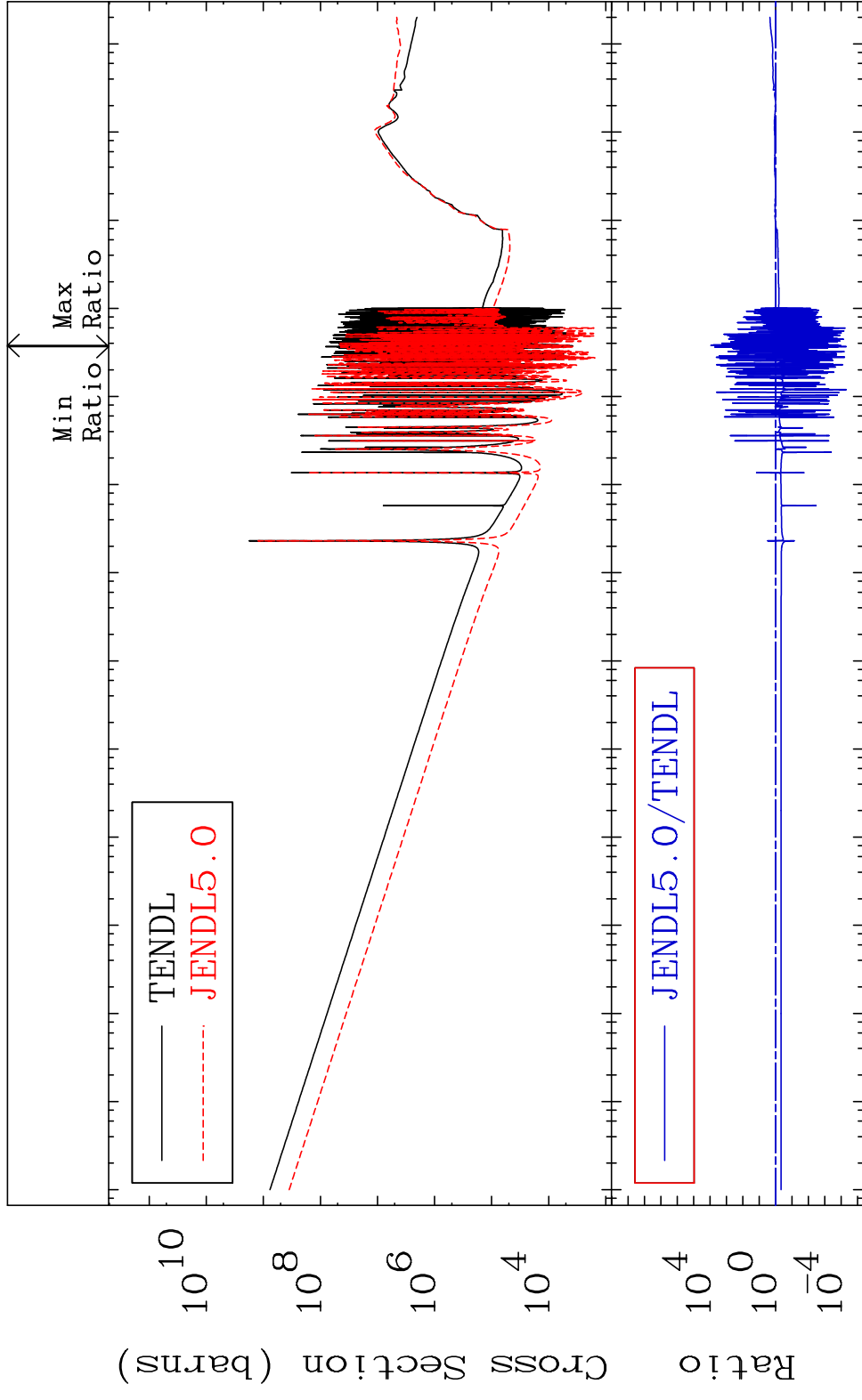


MAT 2931 Kerma capture (mt102) 29-Cu-65  
 Cross Section -100.0 To 9999. %

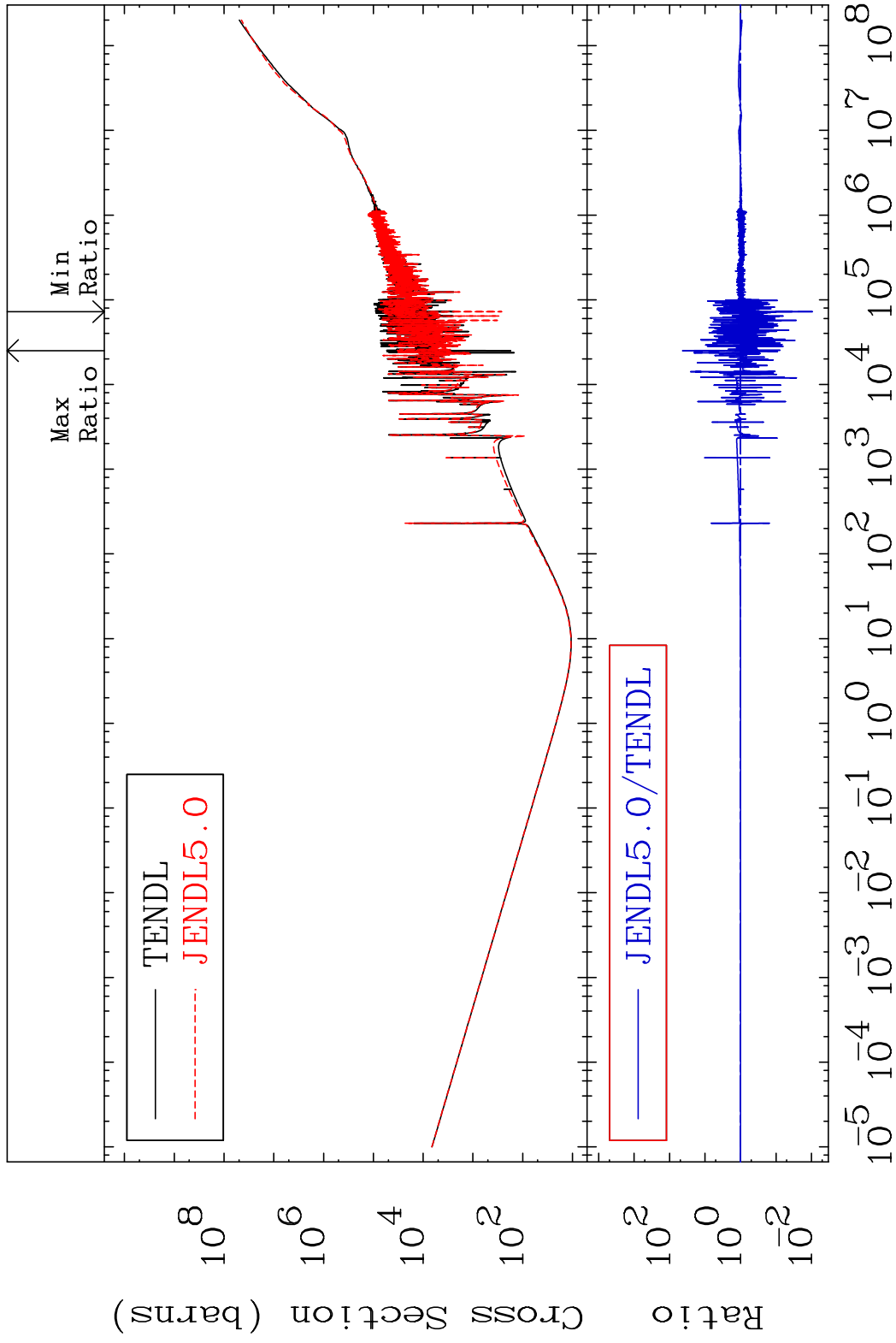


67 Incident Energy (eV) 29-Cu-65

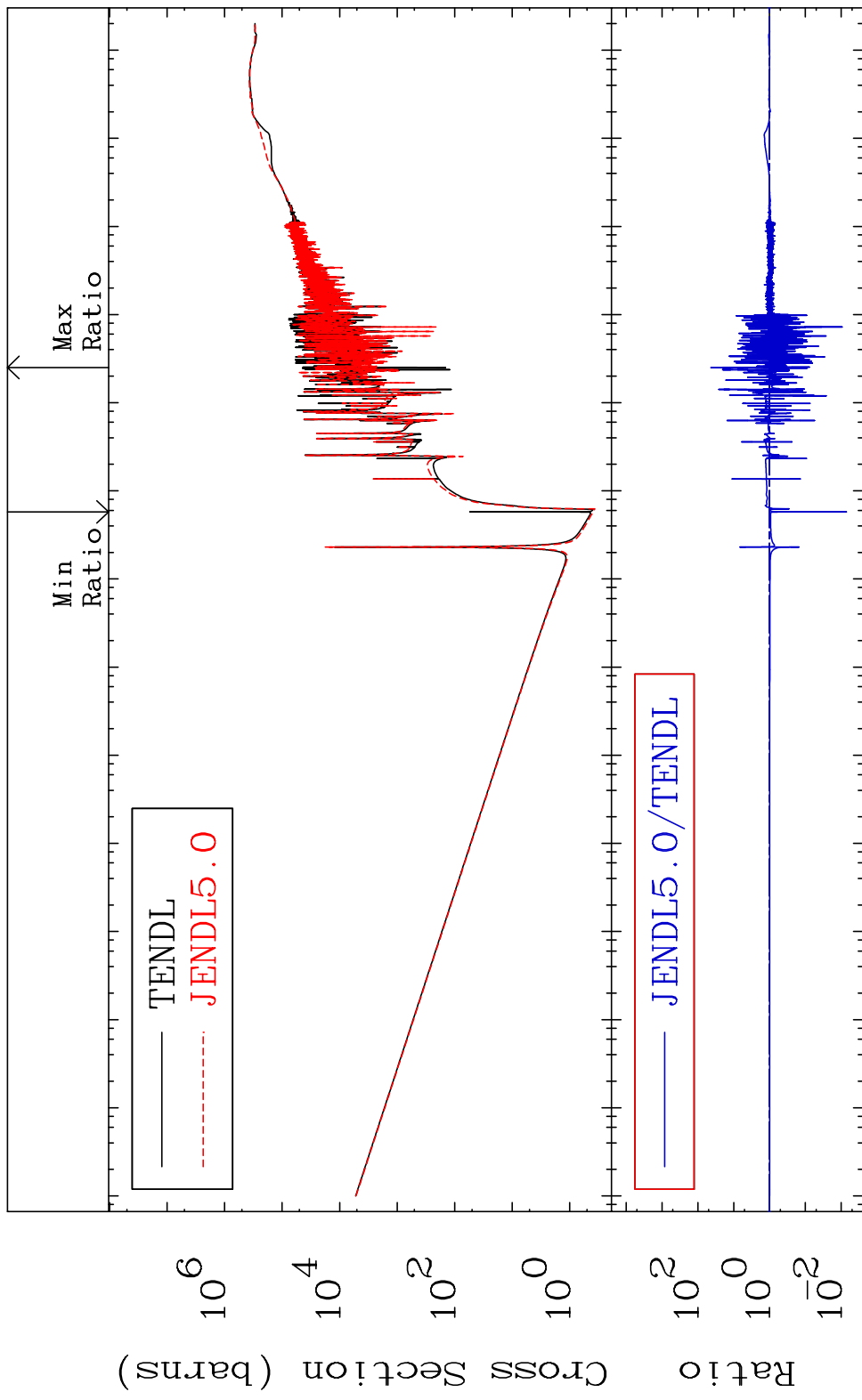
MAT 2931 Total photon (eV-barns) 29-Cu-65  
 Cross Section -100.0 To 9999. %



MAT 2931 Total kinematic kerma (high limit) 29-Cu-65  
 Cross Section -99.07 To 4271. %



MAT 2931      Dpa total (eV-barns)      29-Cu-65  
 Cross Section      -99.28 To 4272. %



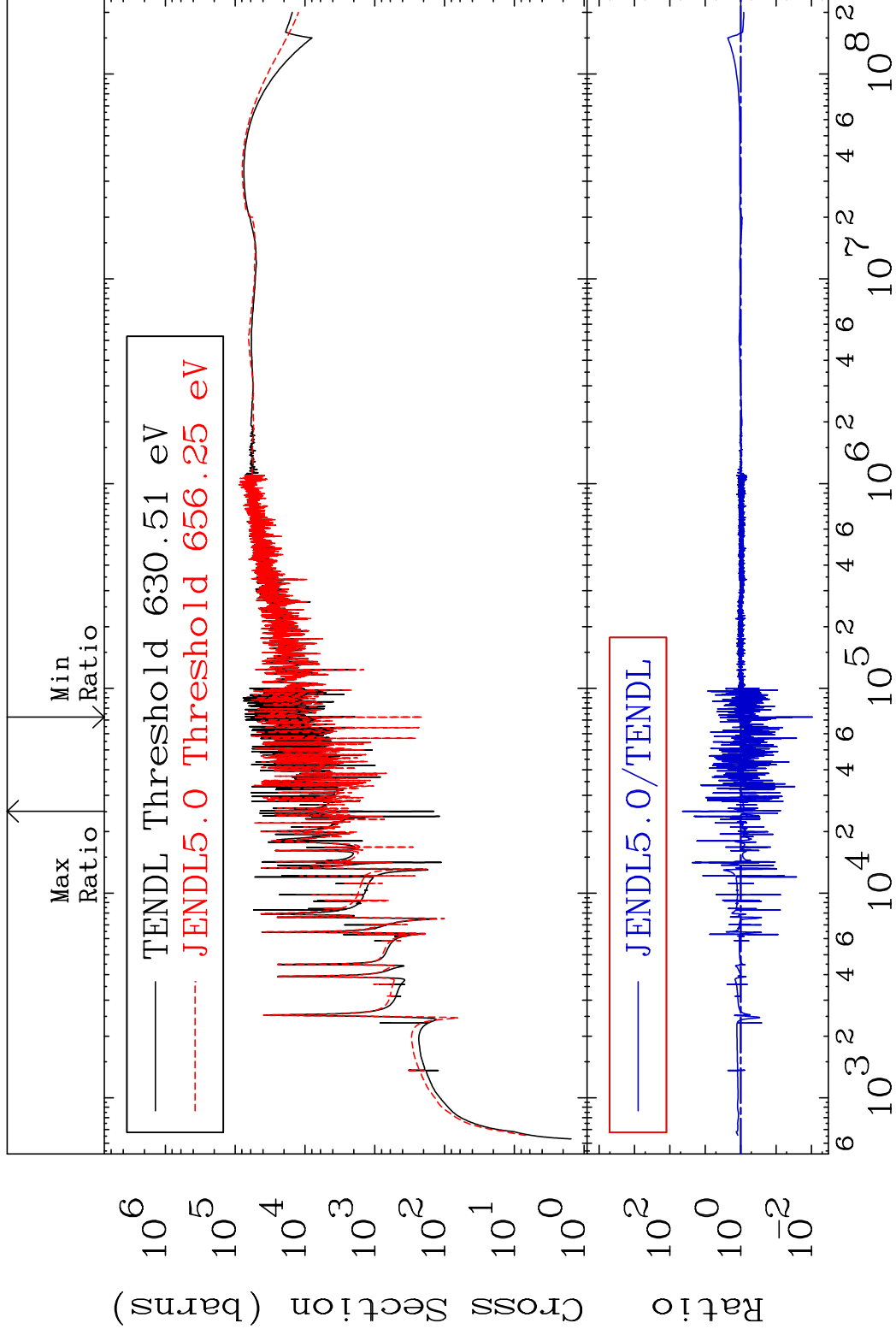
70      Incident Energy (eV)      29-Cu-65

MAT 2931

Dpa elastic (mt2)

29-Cu-65

Cross Section -99.07 To 4349. %

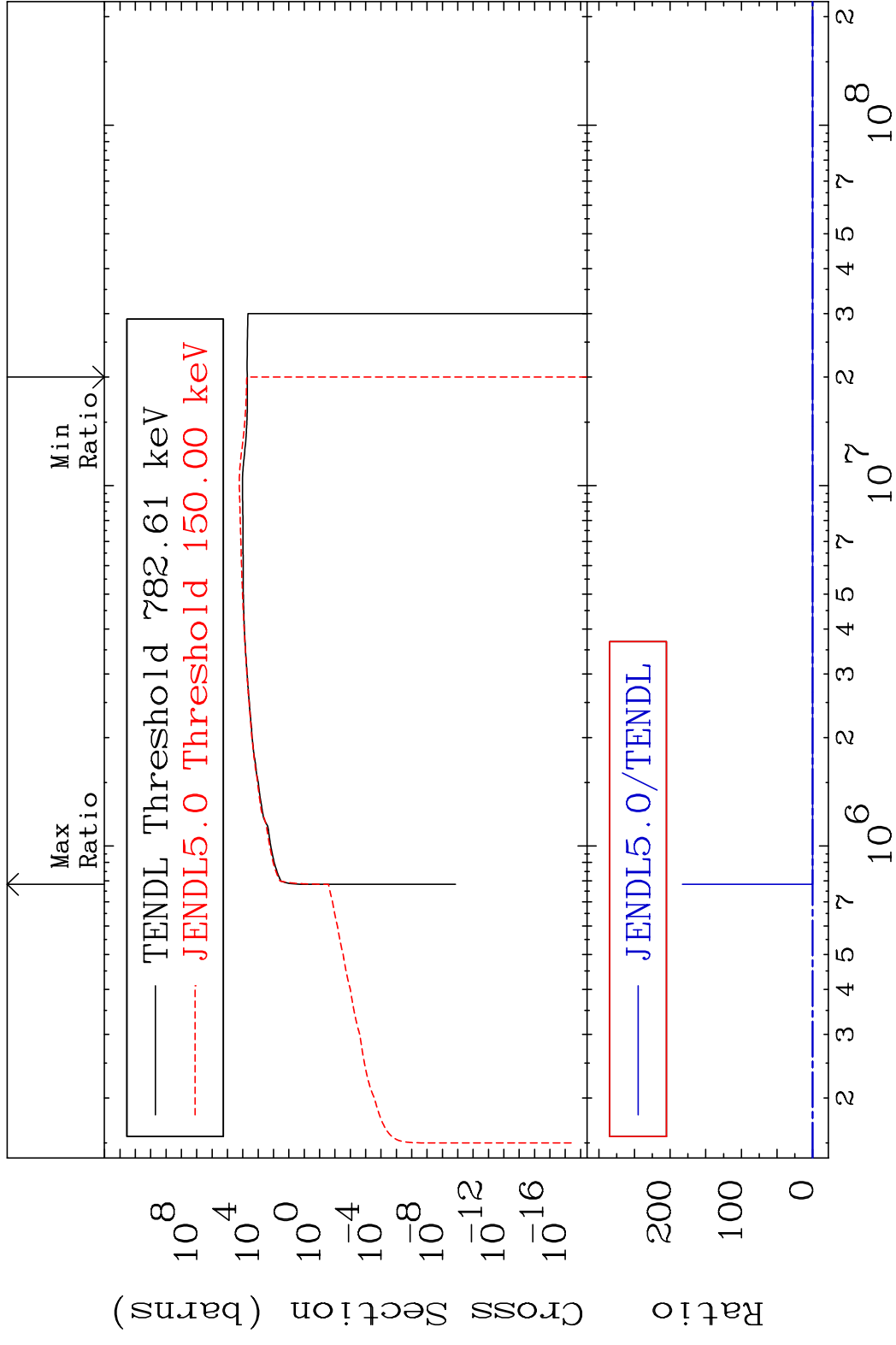


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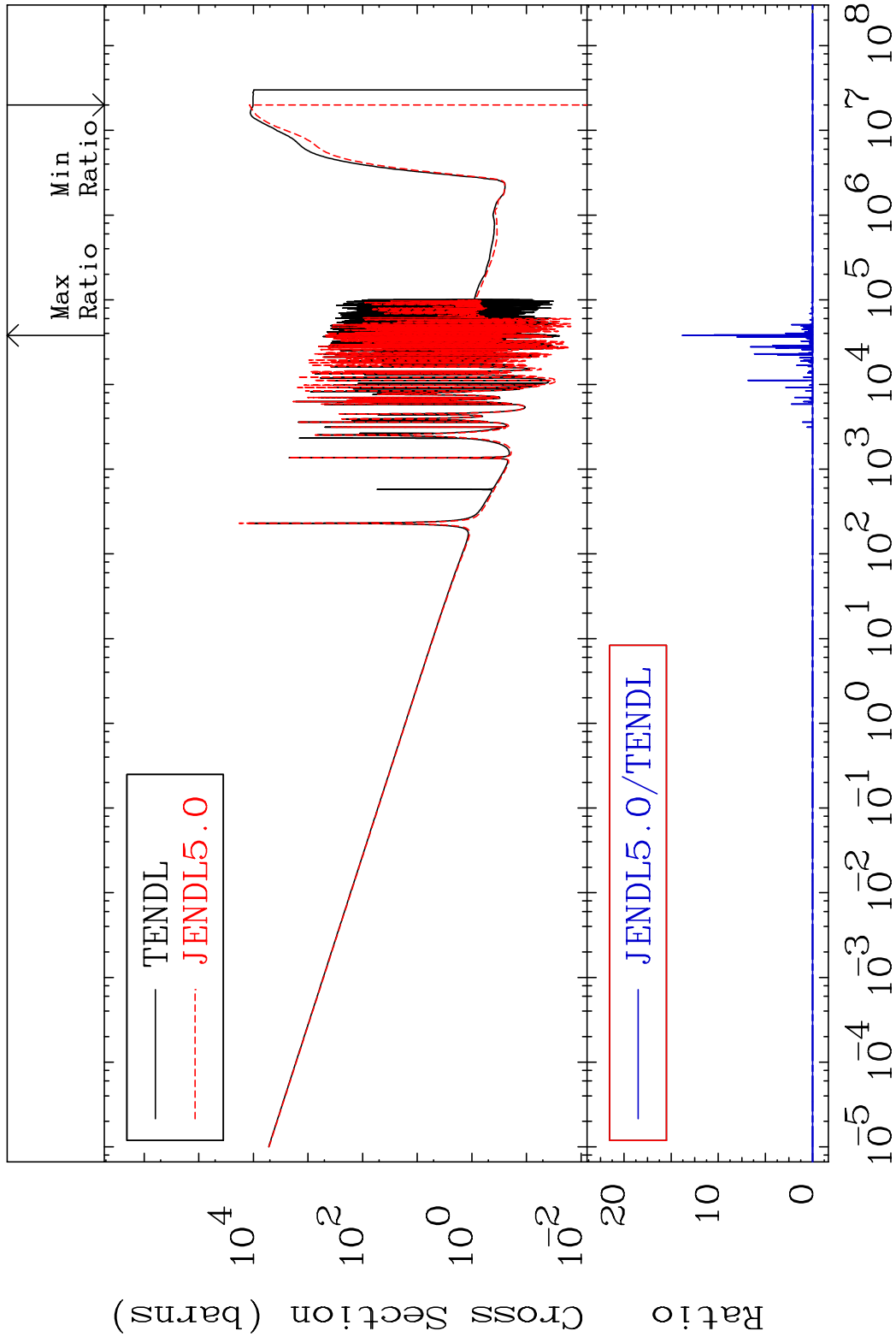
Incident Energy (eV)

29-Cu-65

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

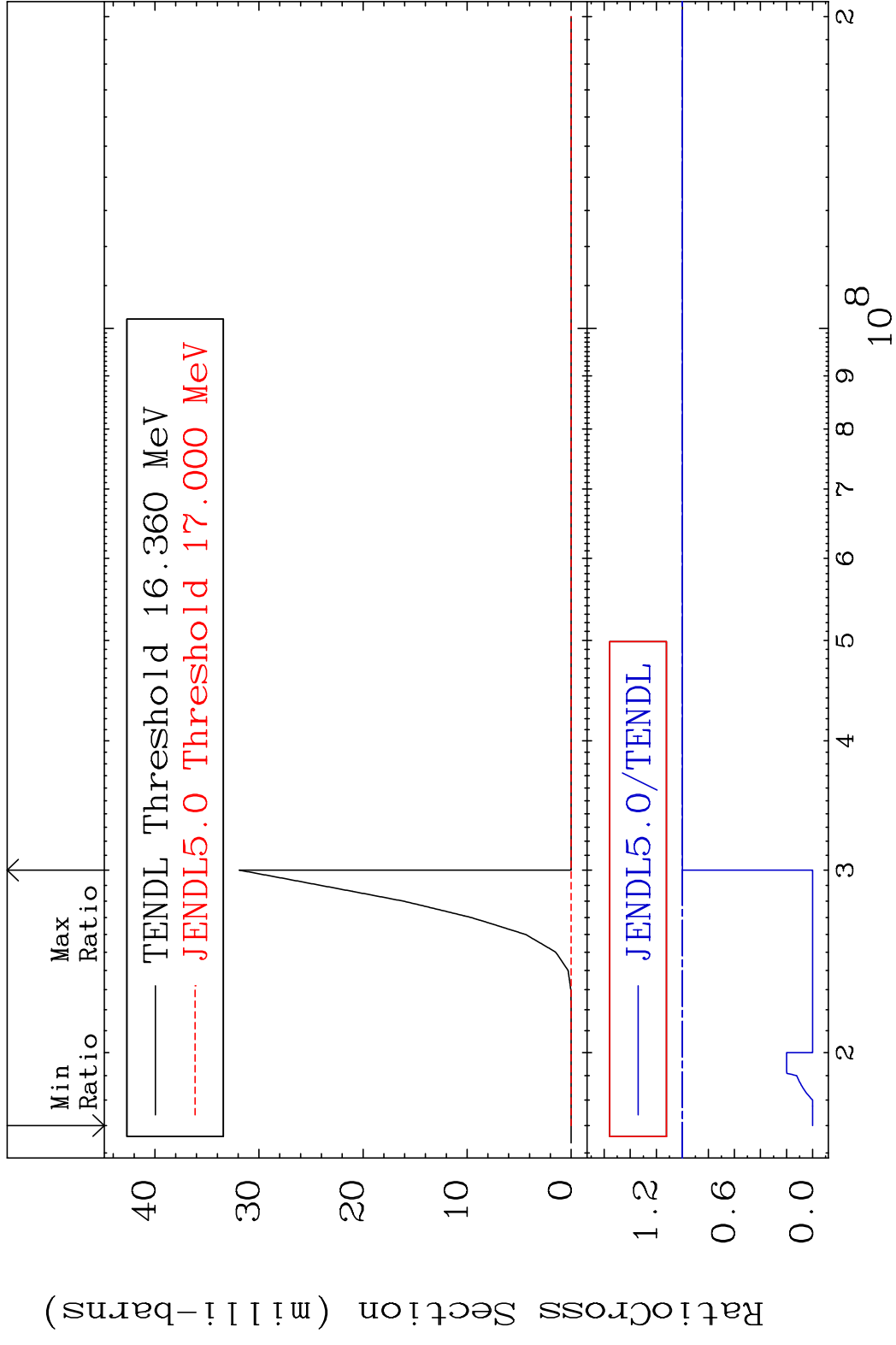


MAT 2931 Dpa disappearance (mt102 -120) 29-Cu-65  
Cross Section -100.0 To 9999. %

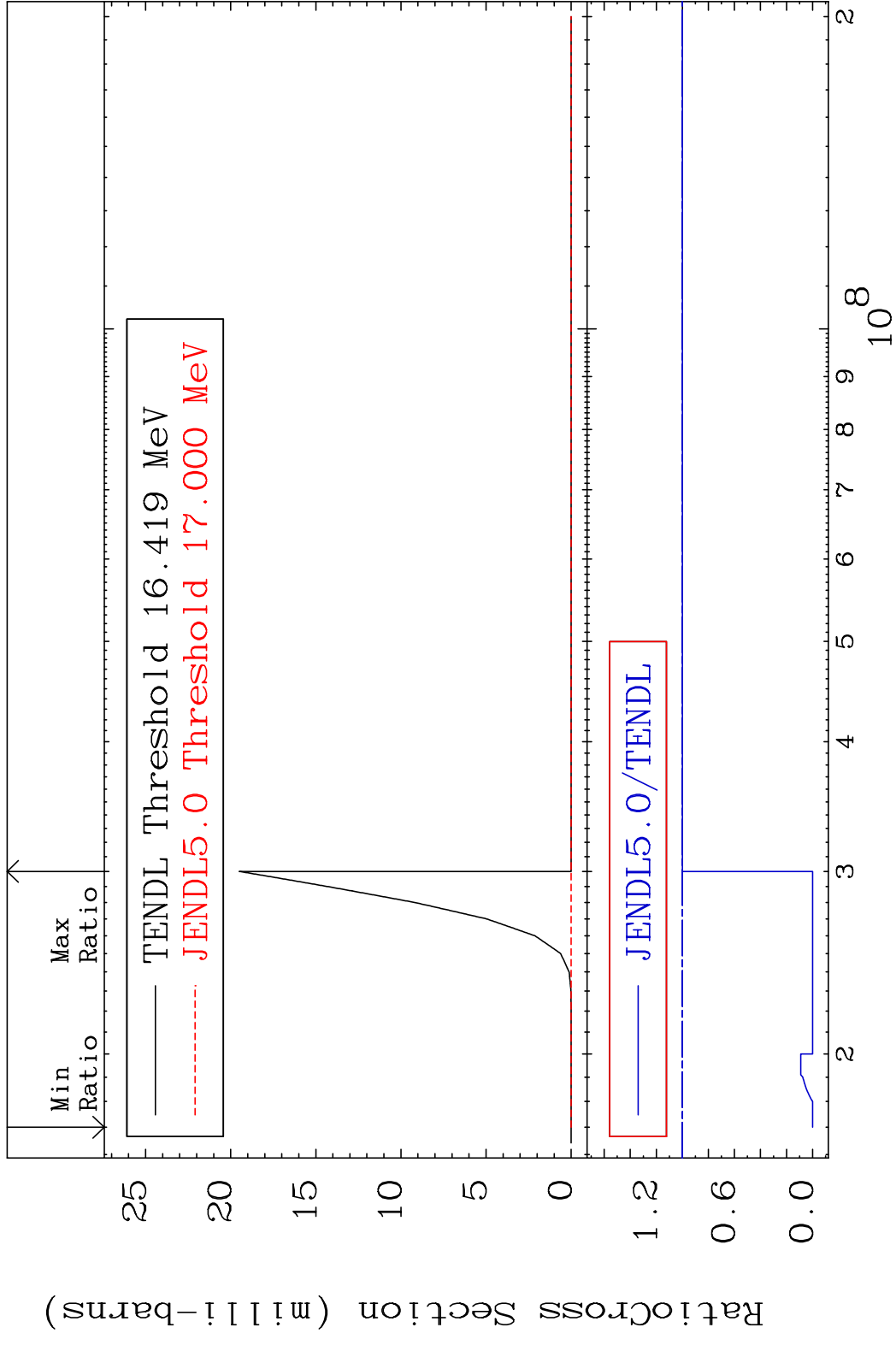


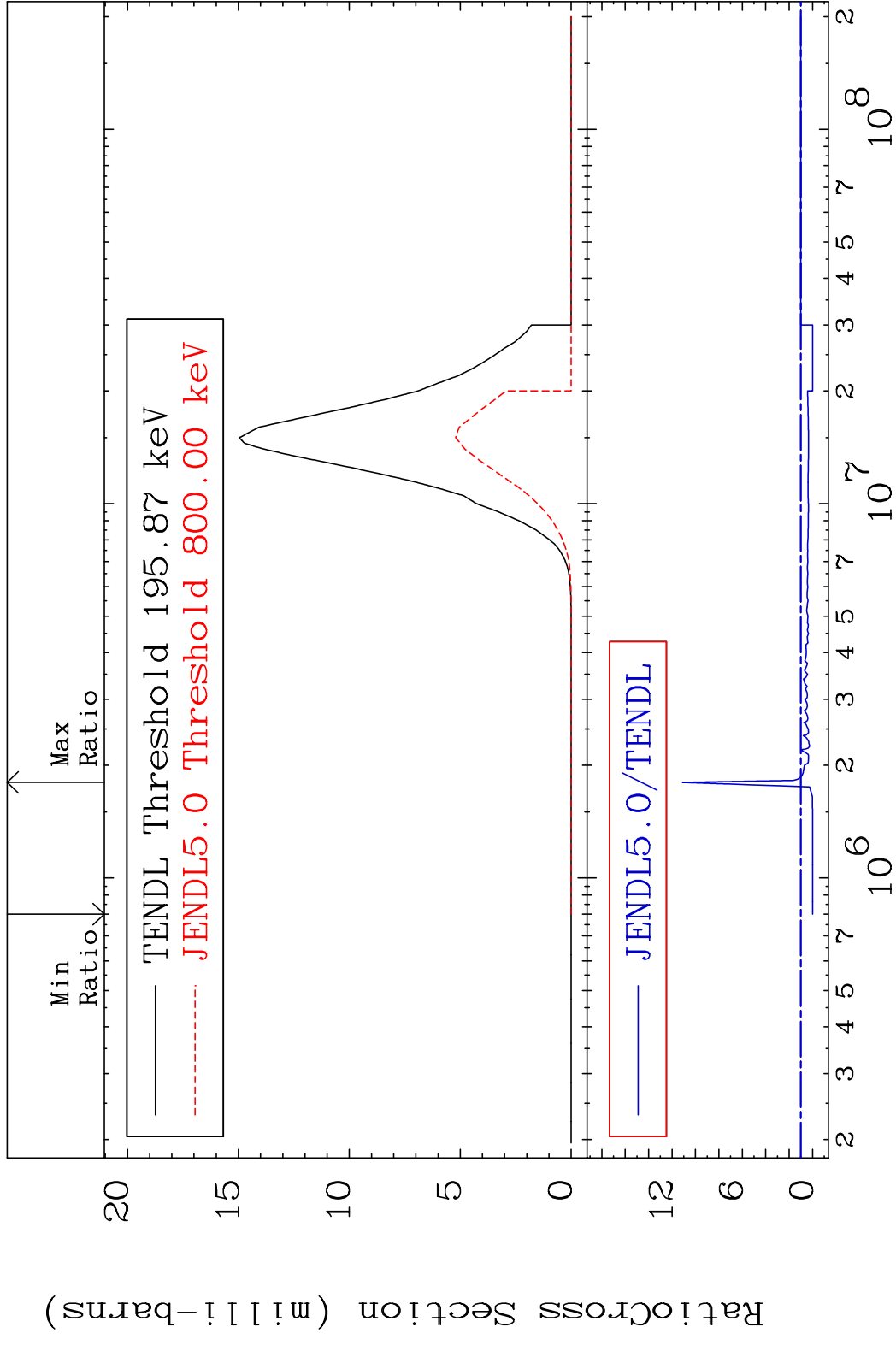
73 Incident Energy (eV) 29-Cu-65

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

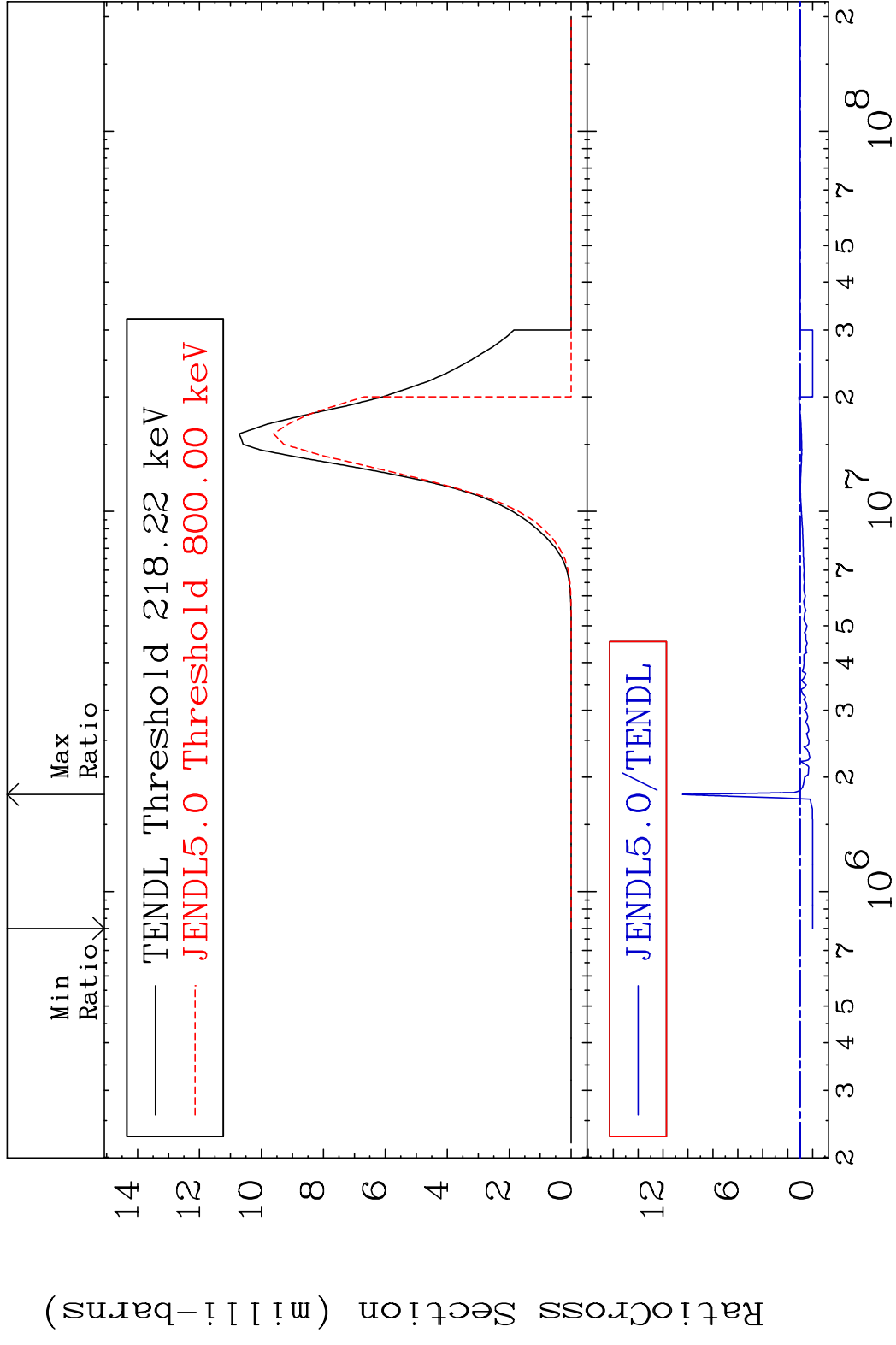


MAT 2931 (n,2n)  $\alpha$ :27-Co-60m1 29-Cu-65  
 Radionuclide Production Cross Section Ratio 0.000 %

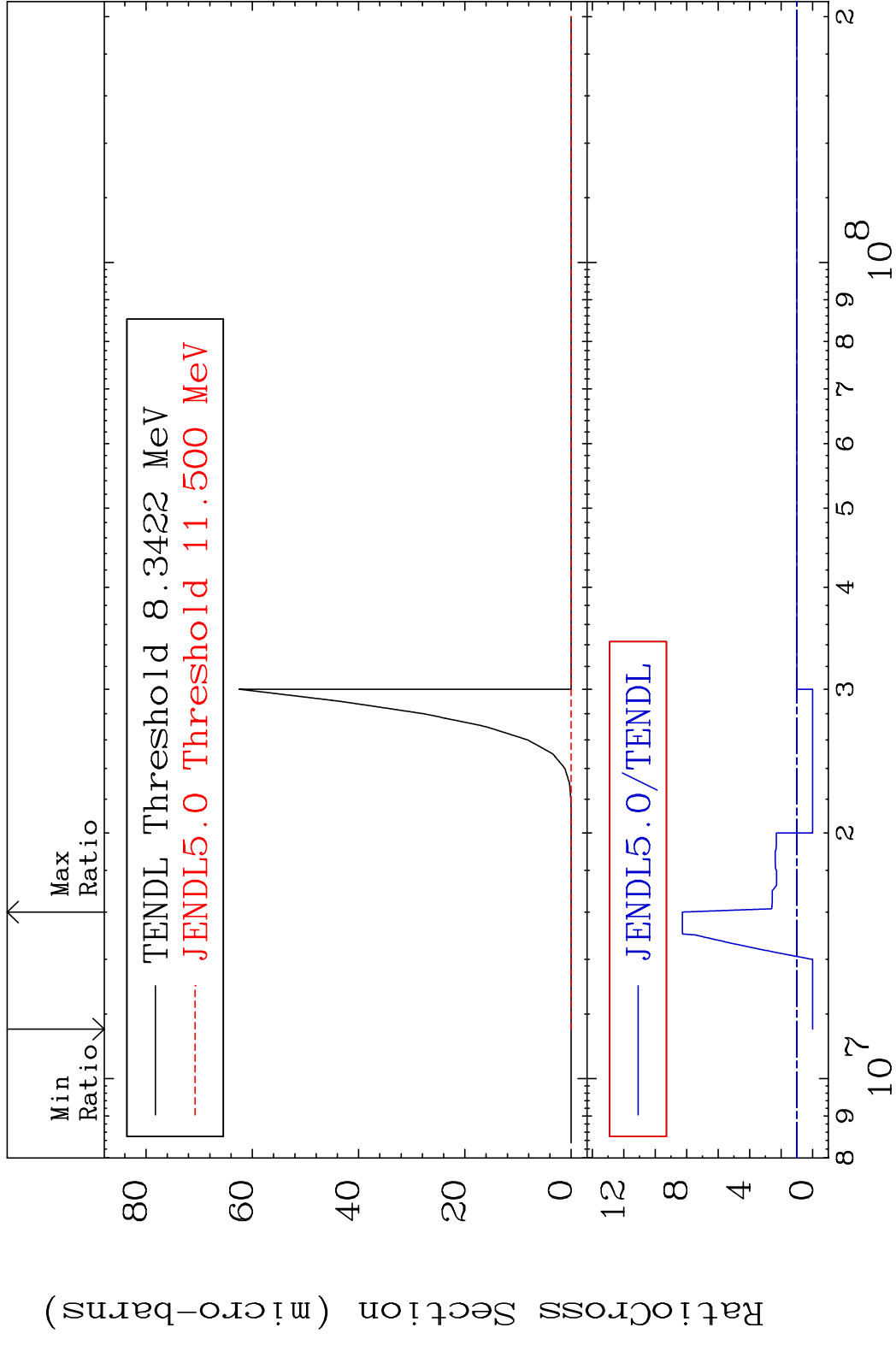




MAT 2931 (n,  $\alpha$ ): 27-Co-62m1 29-Cu-65  
 Radionuclide Production Cross Section Ratio 945.1 %

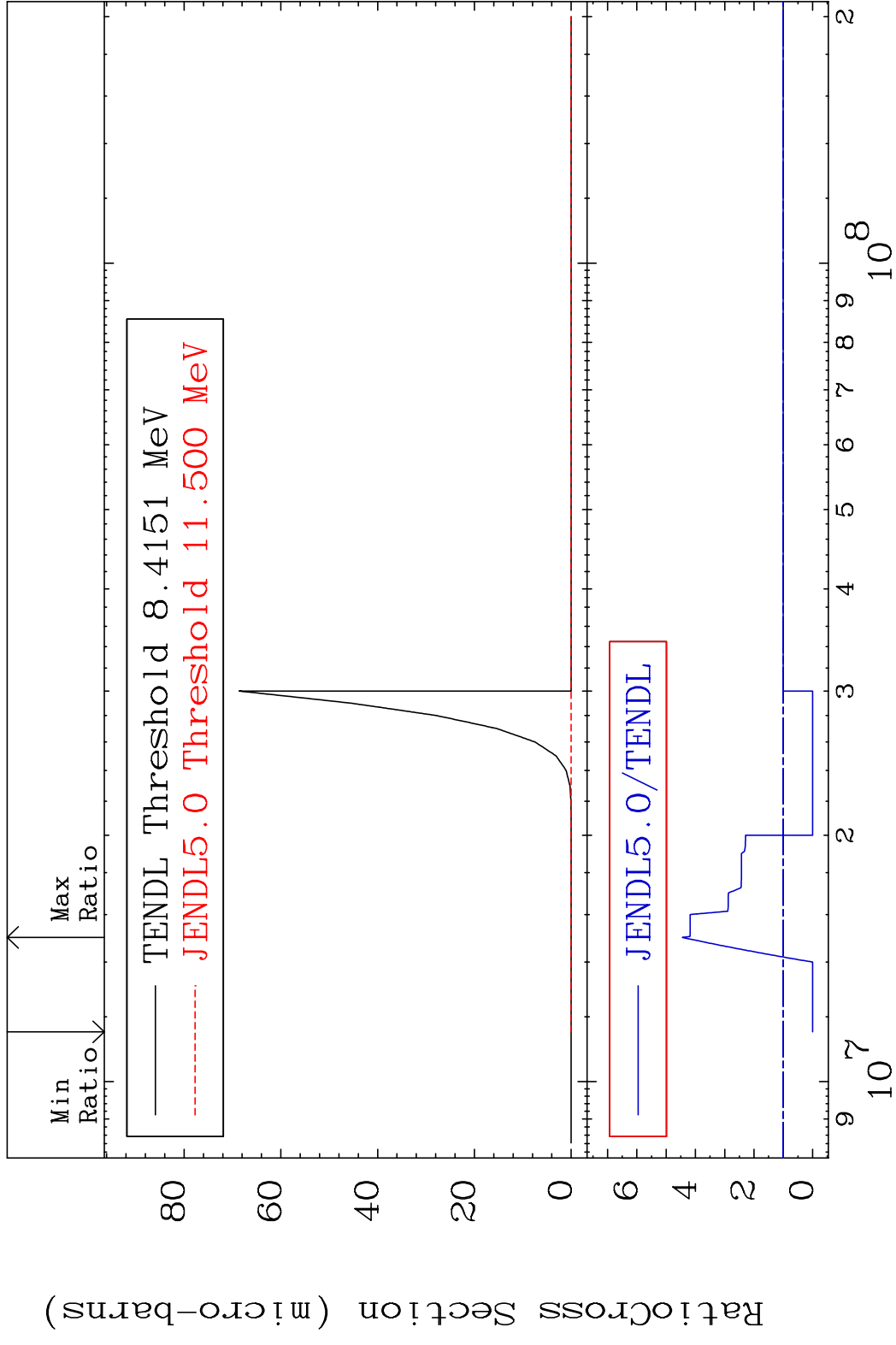


MAT 2931 (n,2α):25-Mn-58g 29-Cu-65  
 Radionuclide Production Cross Section 180.0 dth 728.0 %



78 Incident Energy (eV) 29-Cu-65

MAT 2931 (n,2α):25-Mn-58m1 29-Cu-65  
 Radionuclide Production Cross Section 180.0 dth 344.6 %



79 29-Cu-65