

Program Complot
(Version 2021-1)

by

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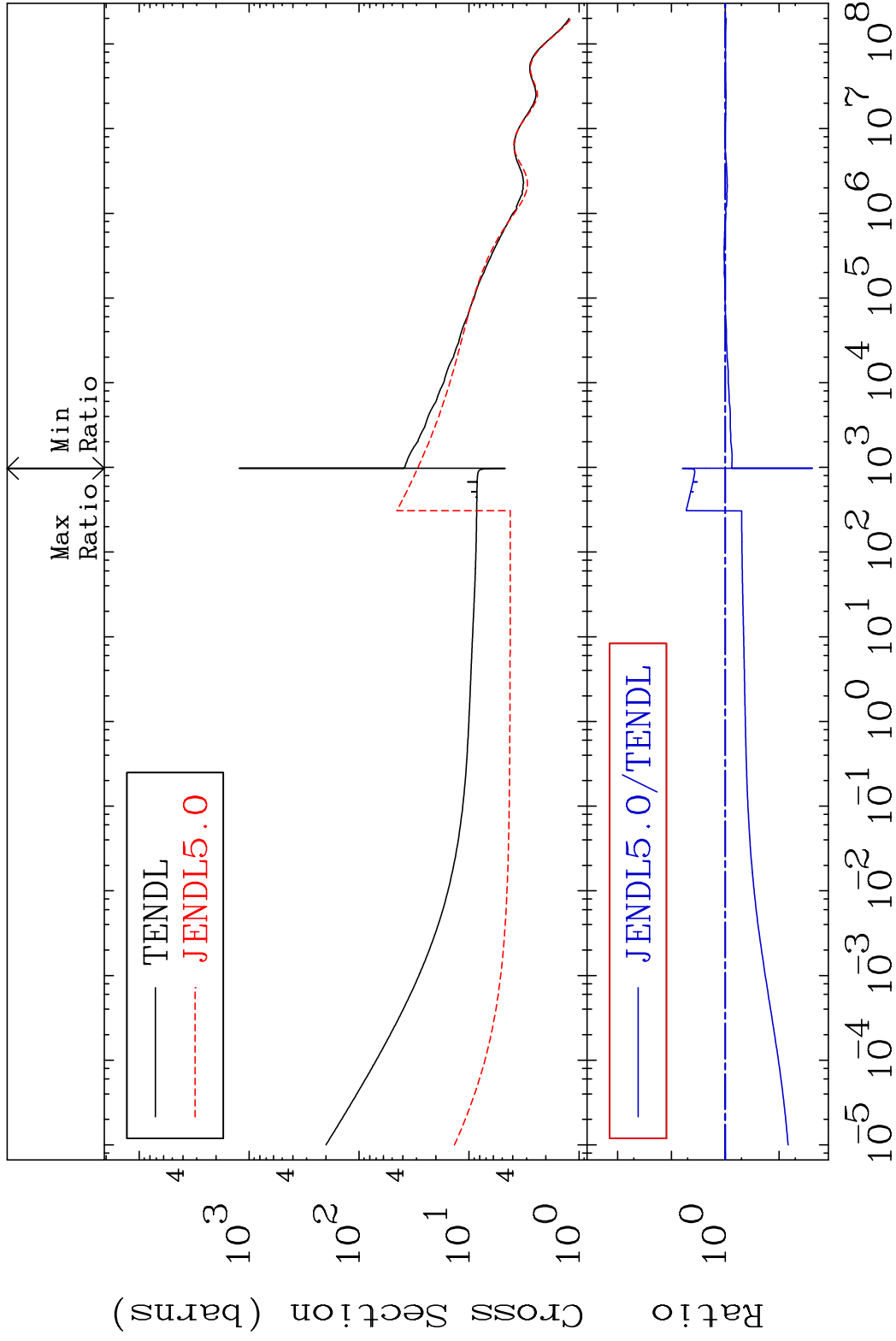
Press Mouse Button to Start

MAT 2937

Total

29-Cu-67

Cross Section -97.61 To 525.1 %



1

Incident Energy (eV)

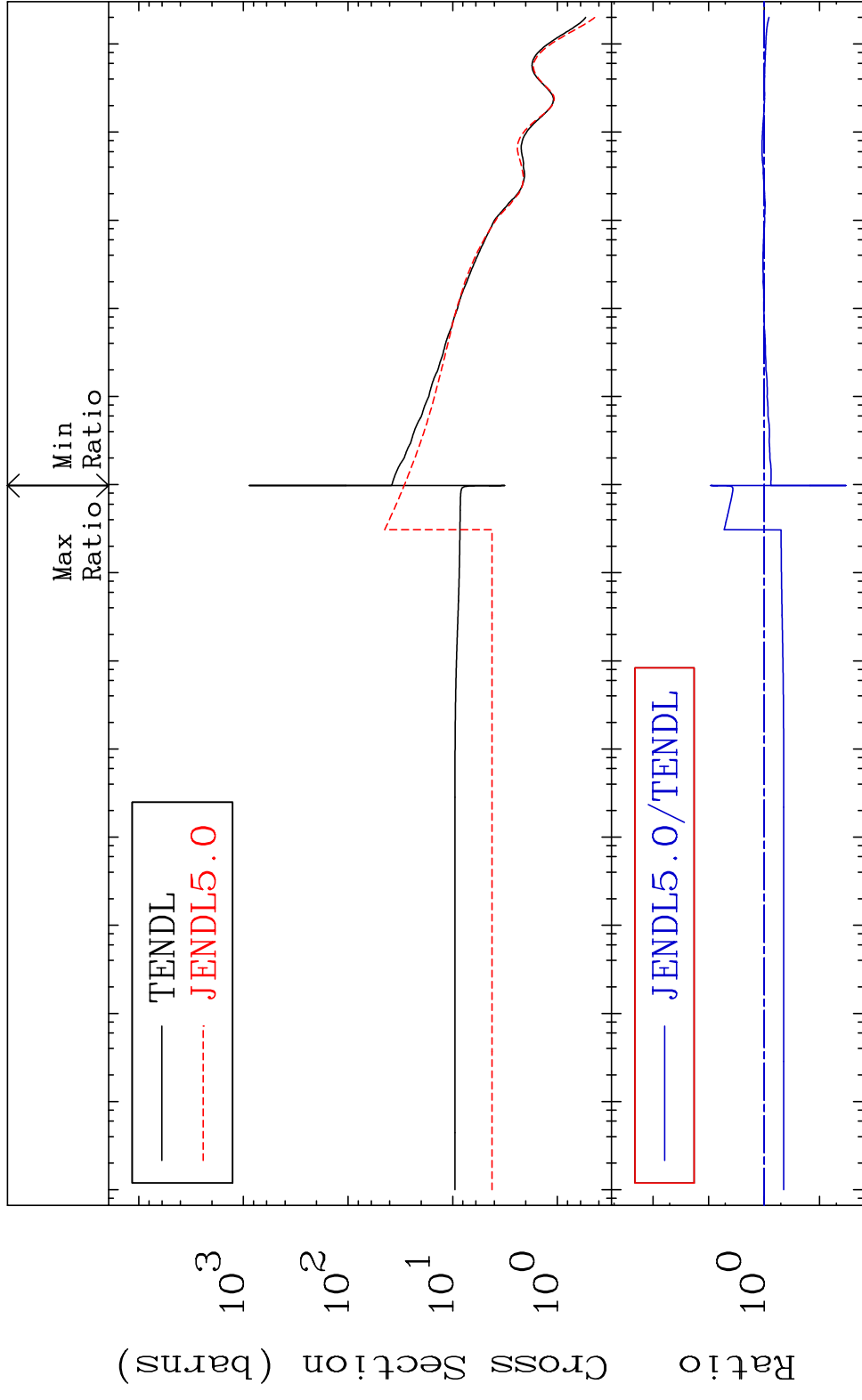
29-Cu-67

MAT 2937

Elastic

29-Cu-67

Cross Section -96.69 To 813.9 %



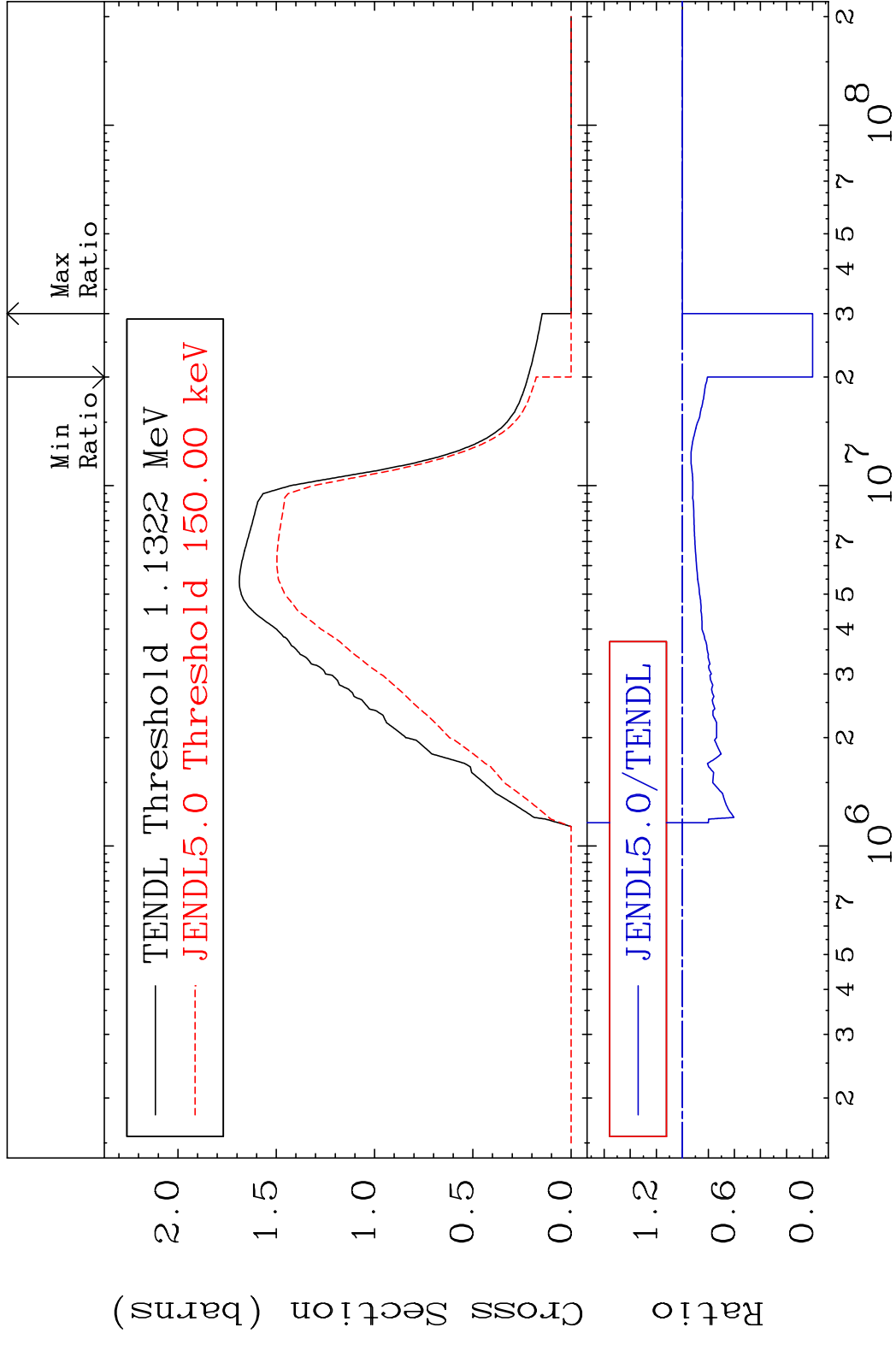
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

Incident Energy (eV)

29-Cu-67

MAT 2937 Inelastic Cross Section -100.0 To 0.000 % 29-Cu-67

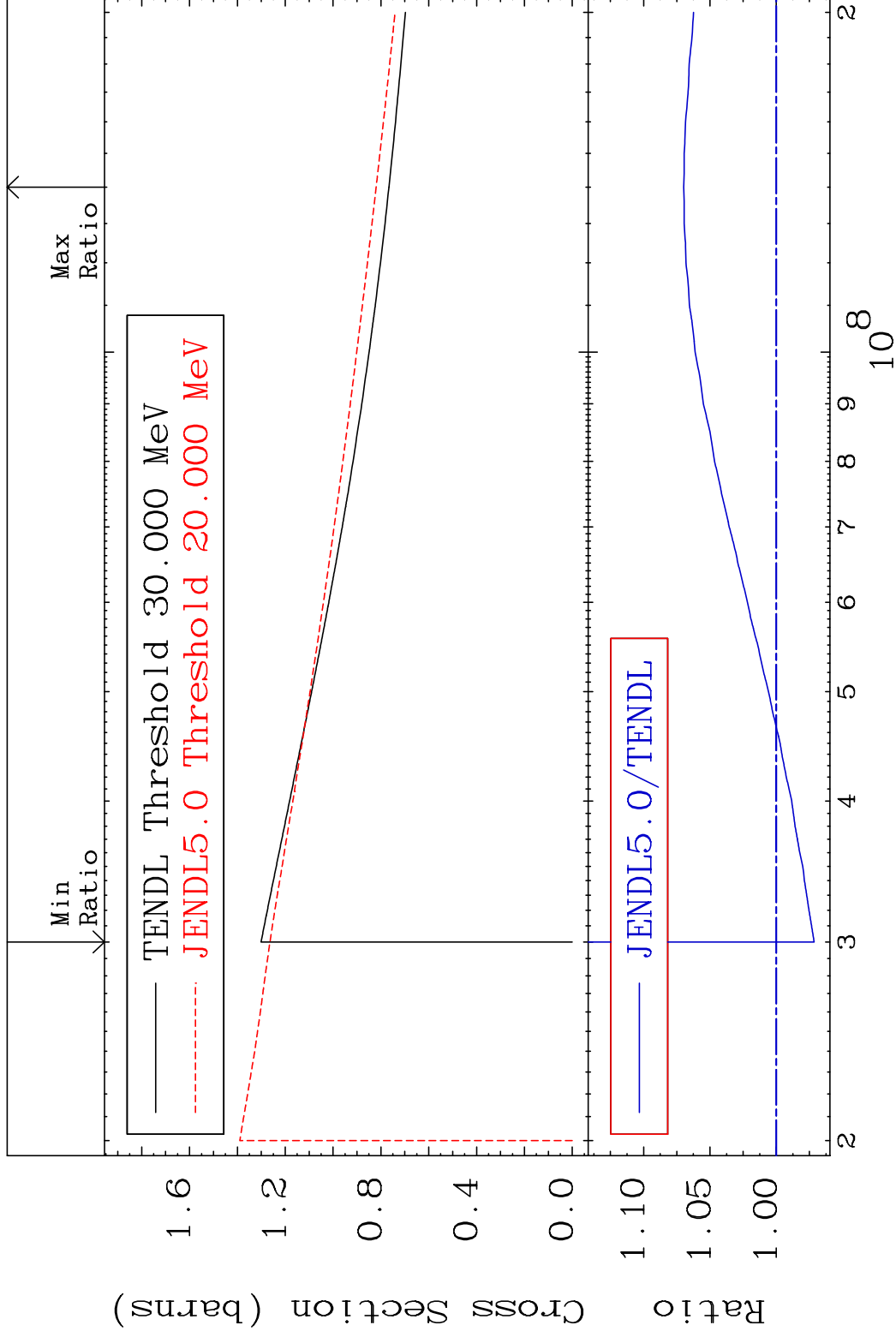


MAT 2937

(n, remainder)

29-Cu-67

Cross Section -2.850 To 6.982 %



4

Incident Energy (eV)

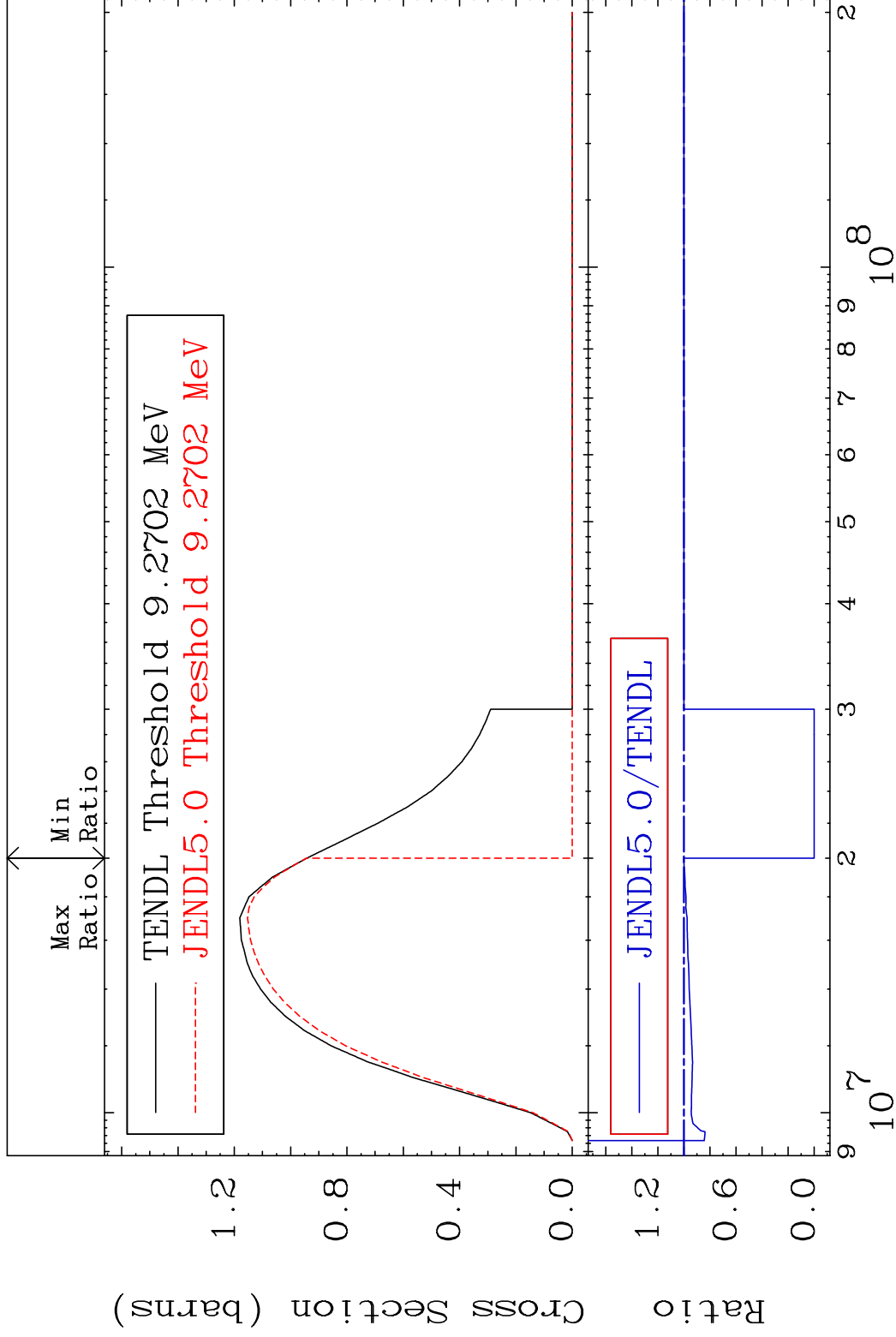
29-Cu-67

MAT 2937

(n,2n)

29-Cu-67

Cross Section -100.0 To 0.223 %

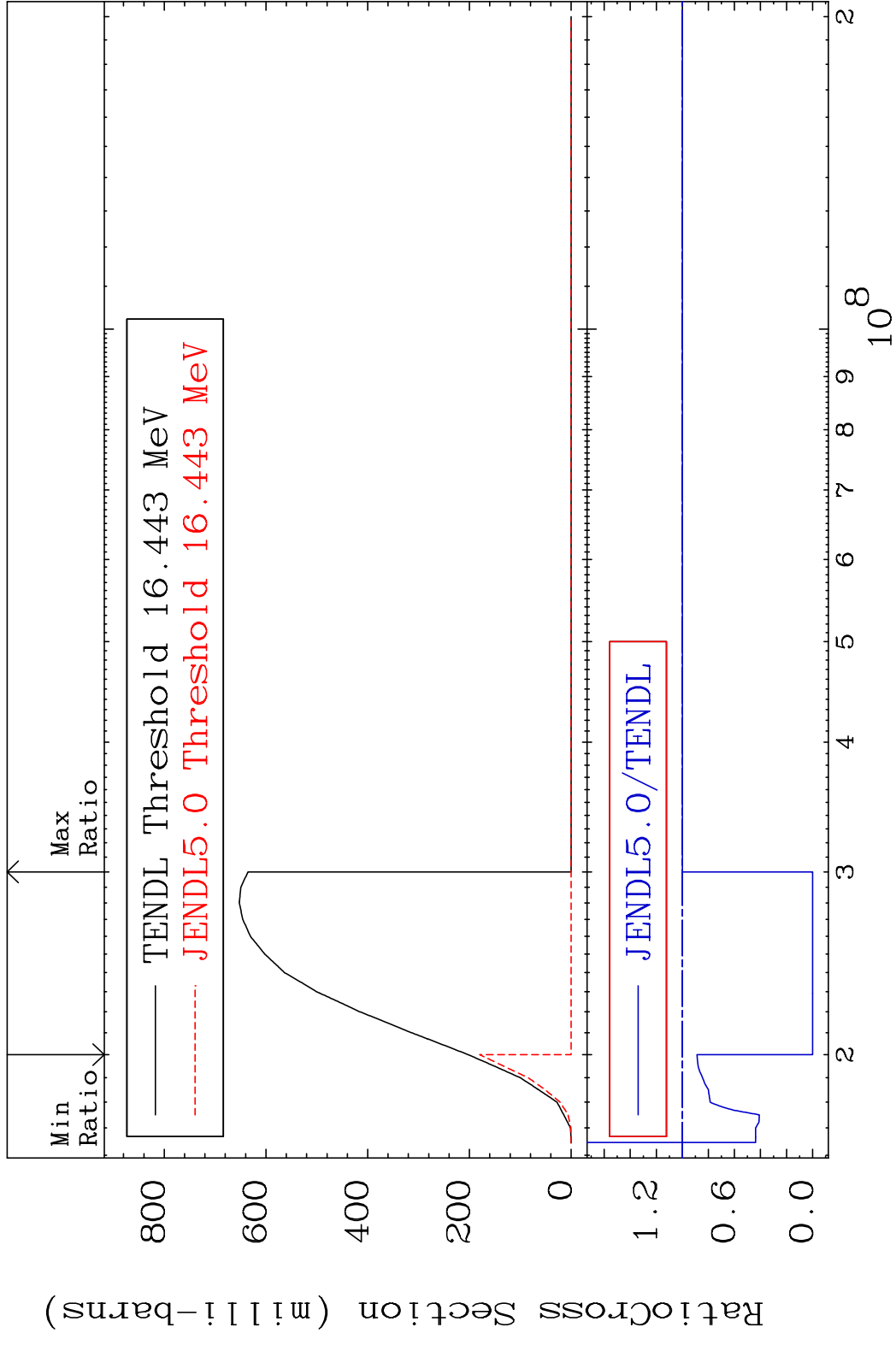


5

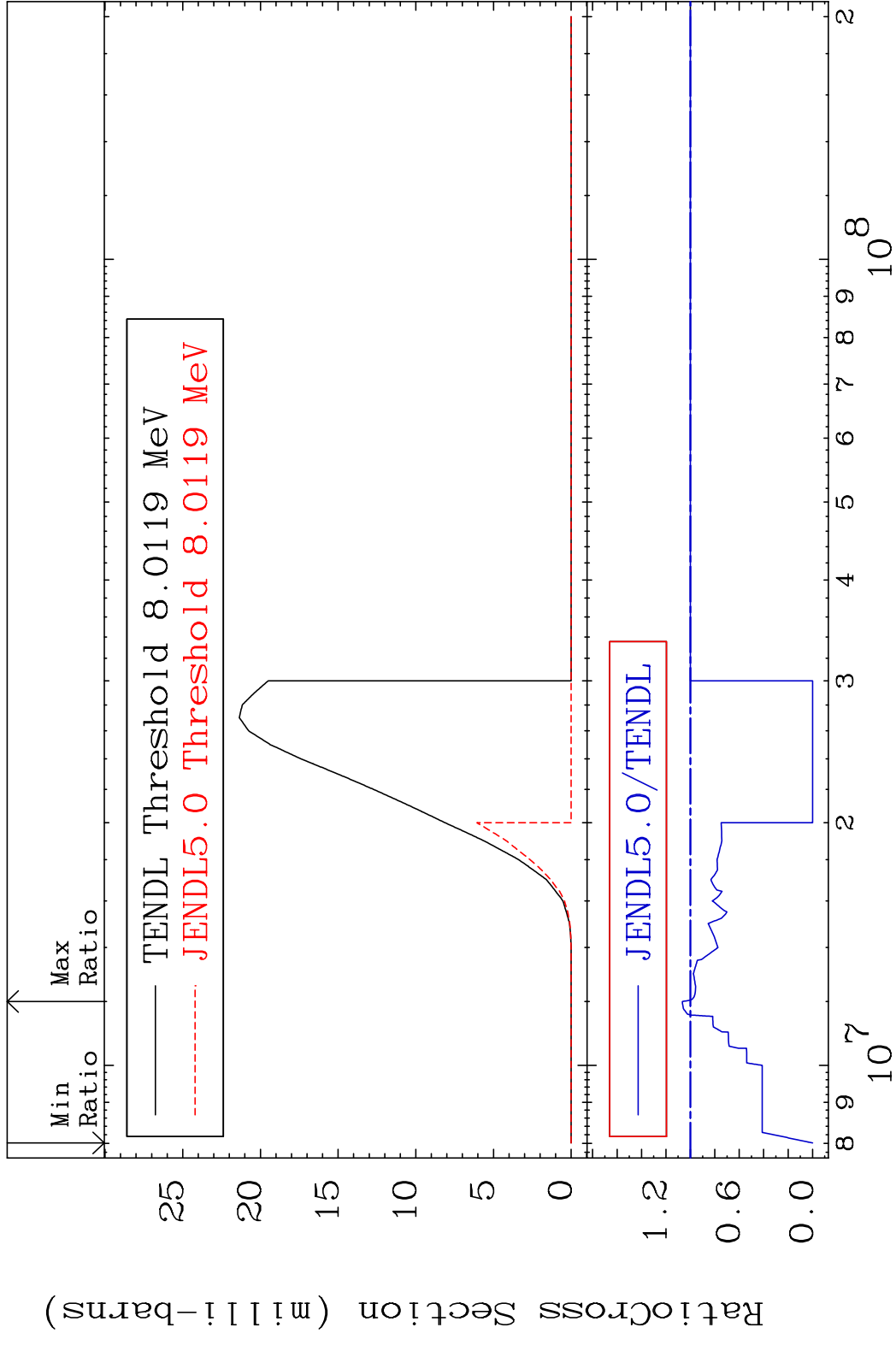
Incident Energy (eV)

29-Cu-67

MAT 2937 (n,3n) 29-Cu-67
 Cross Section -100.0 To 0.000 %



MAT 2937 (n, n') α 29-Cu-67
 Cross Section -100.0 To 6.565 %



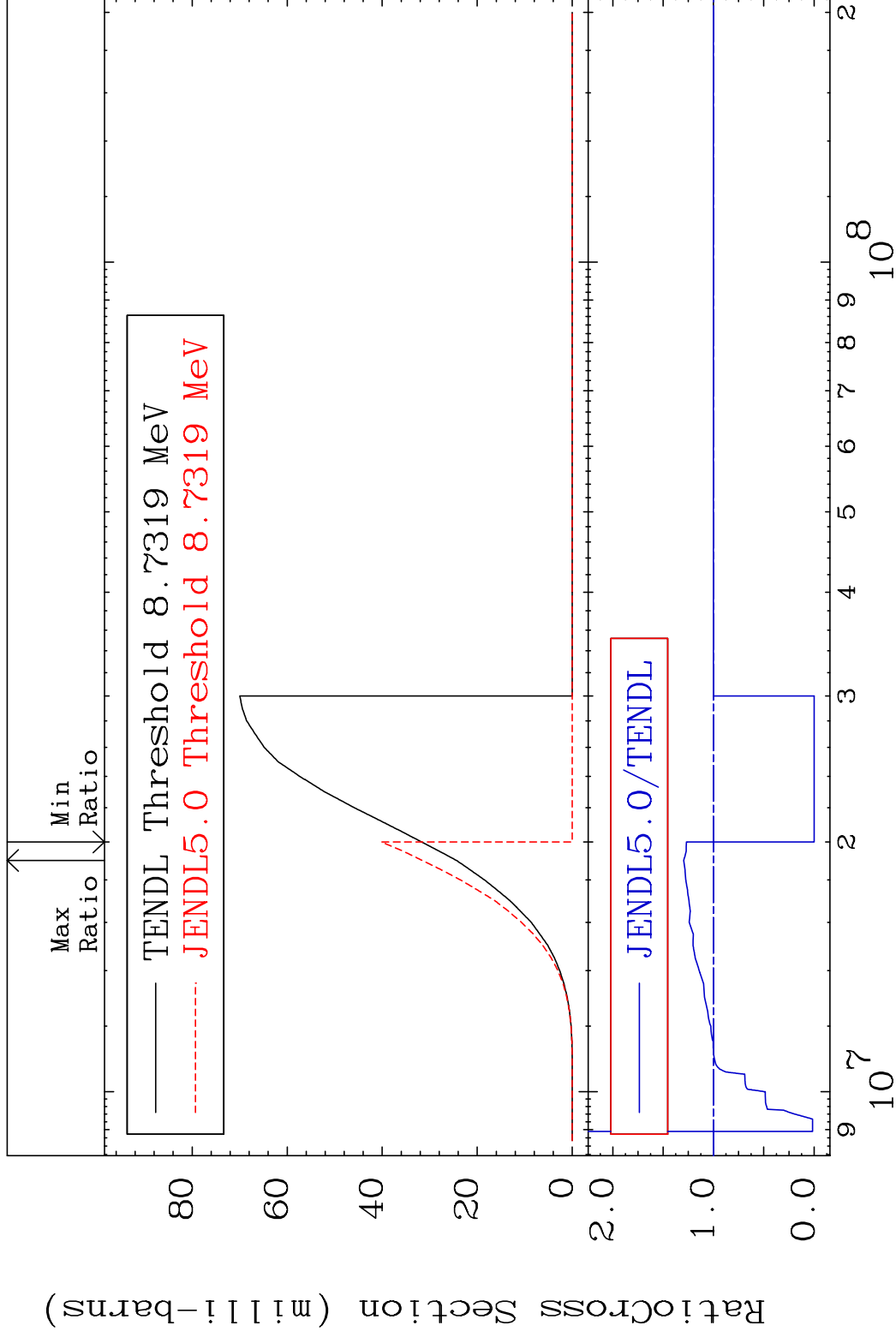
7 Incident Energy (eV) 29-Cu-67

MAT 2937

(n, n') p

29-Cu-67

Cross Section -100.0 To 29.58 %

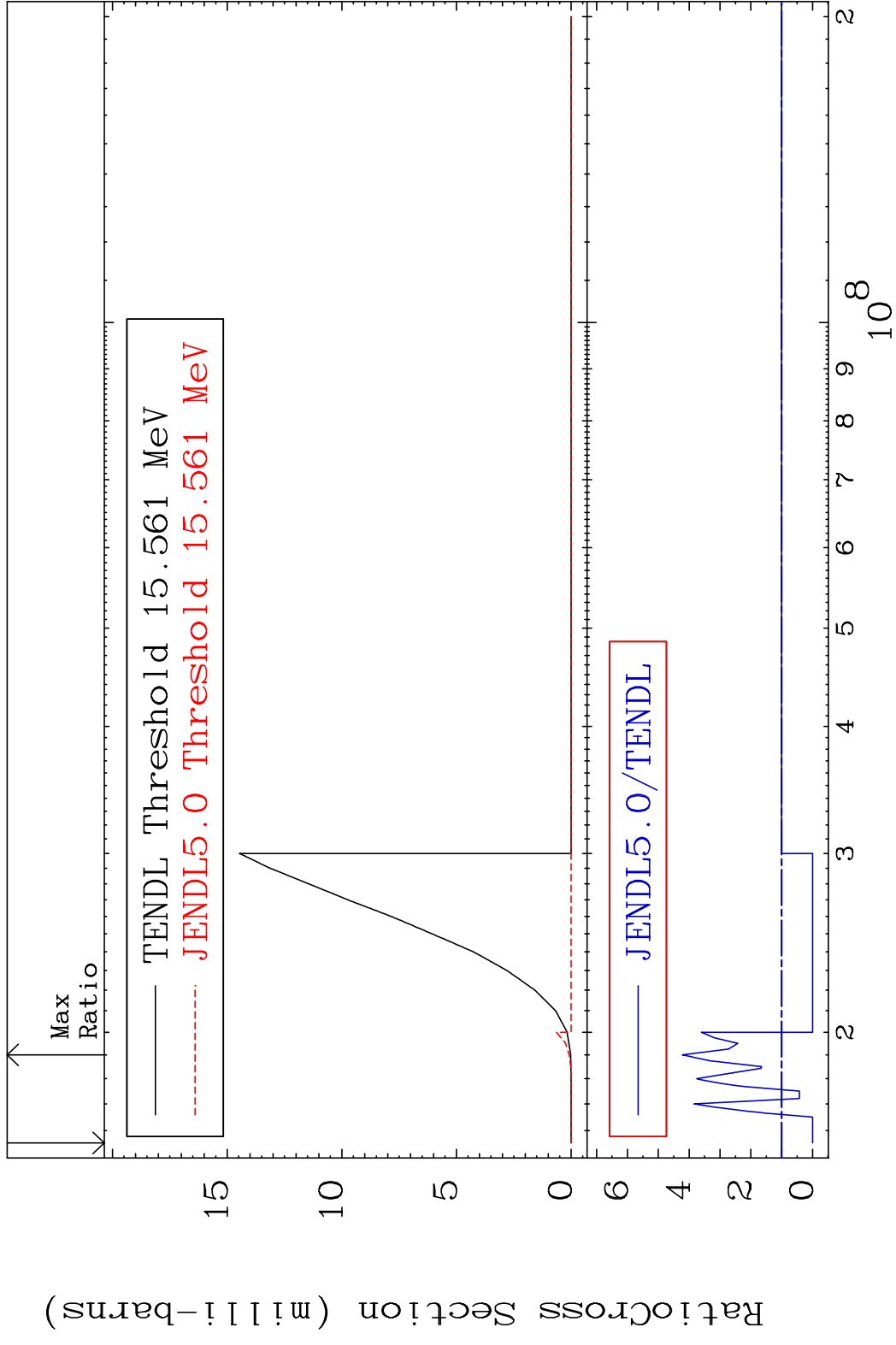


8

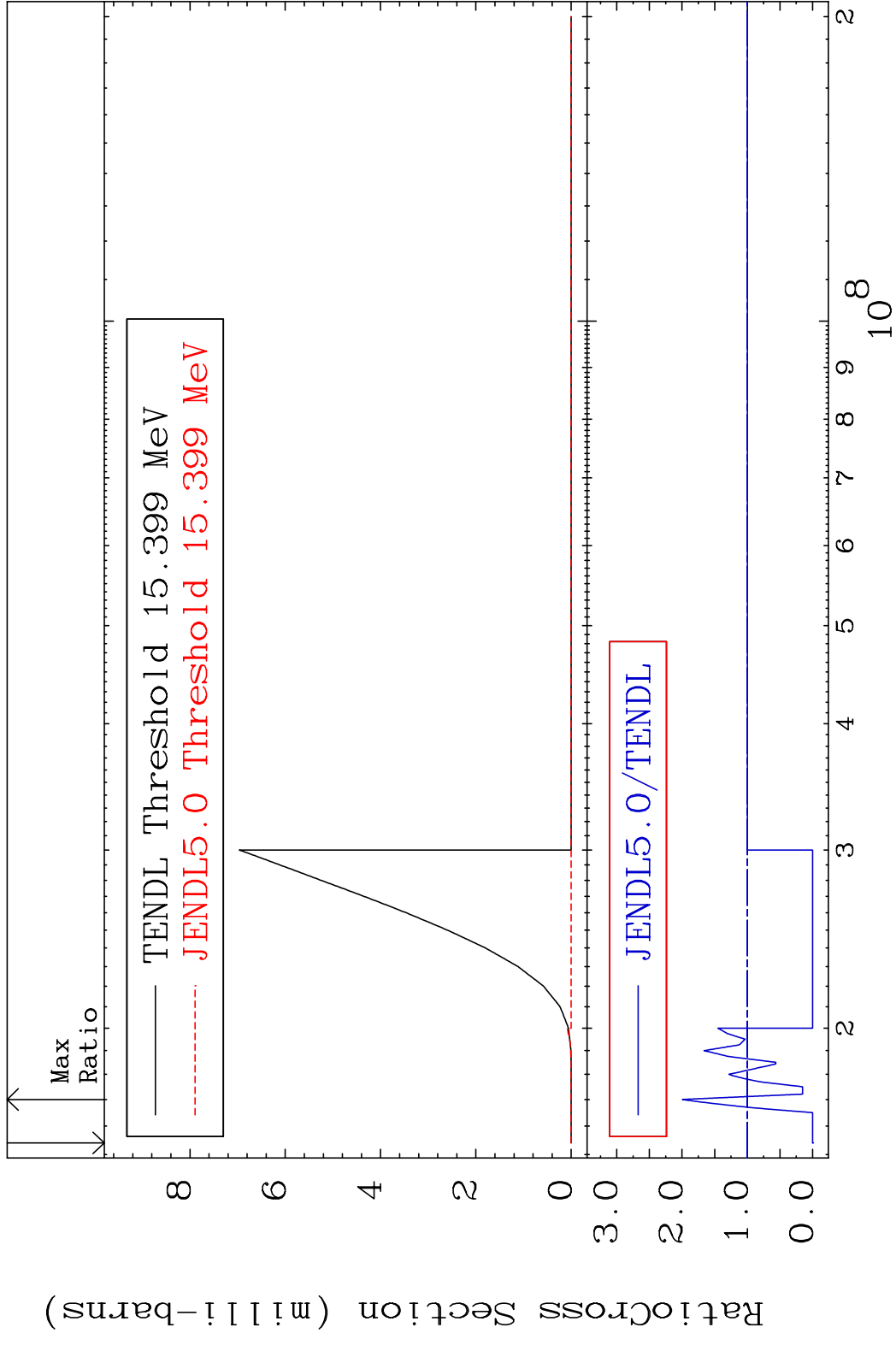
Incident Energy (eV)

29-Cu-67

MAT 2937 (n, n') d 29-Cu-67
 Cross Section -100.0 To 322.0 %

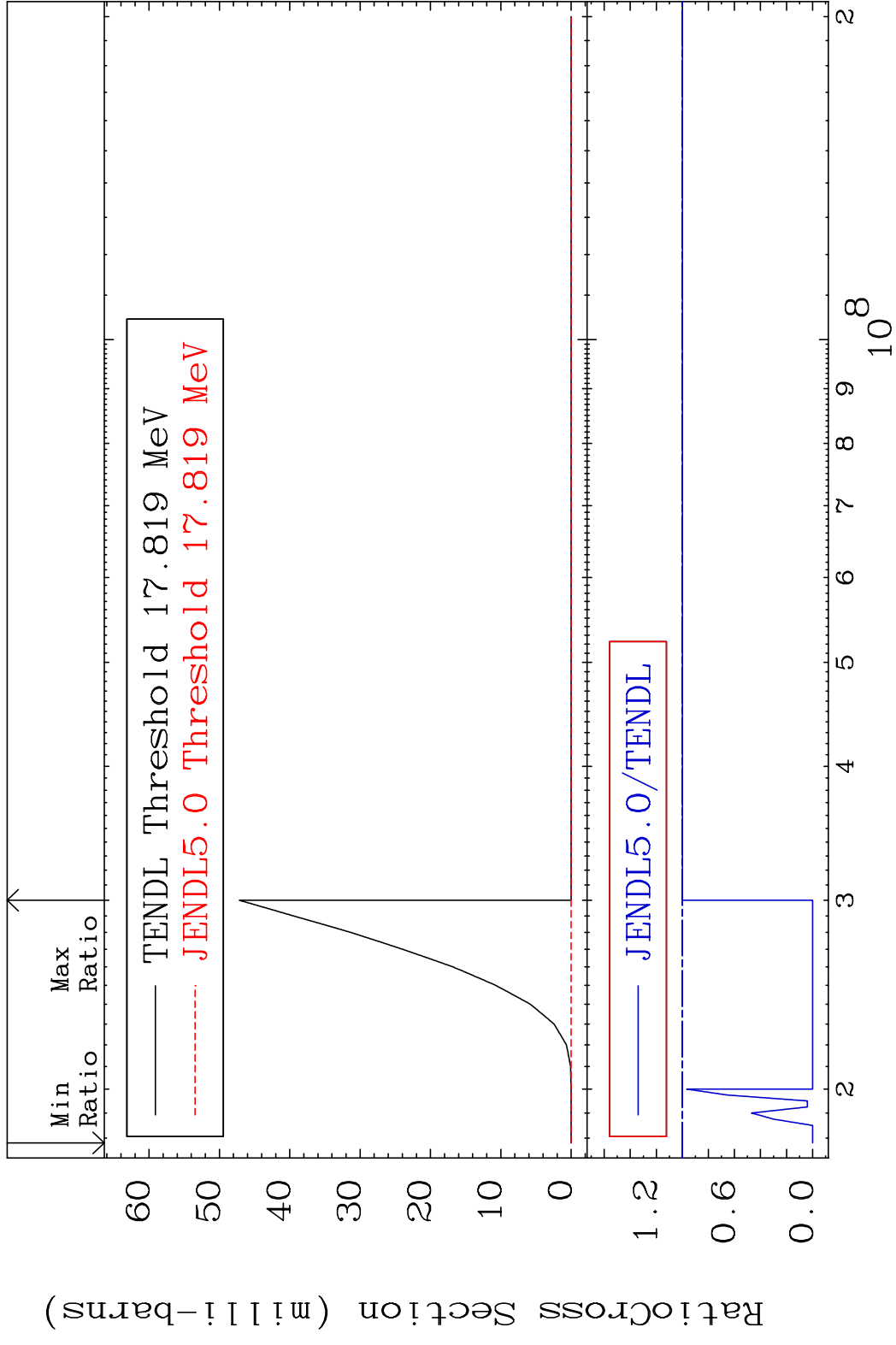


MAT 2937 (n, n') t 29-Cu-67
 Cross Section -100.0 To 99.52 %

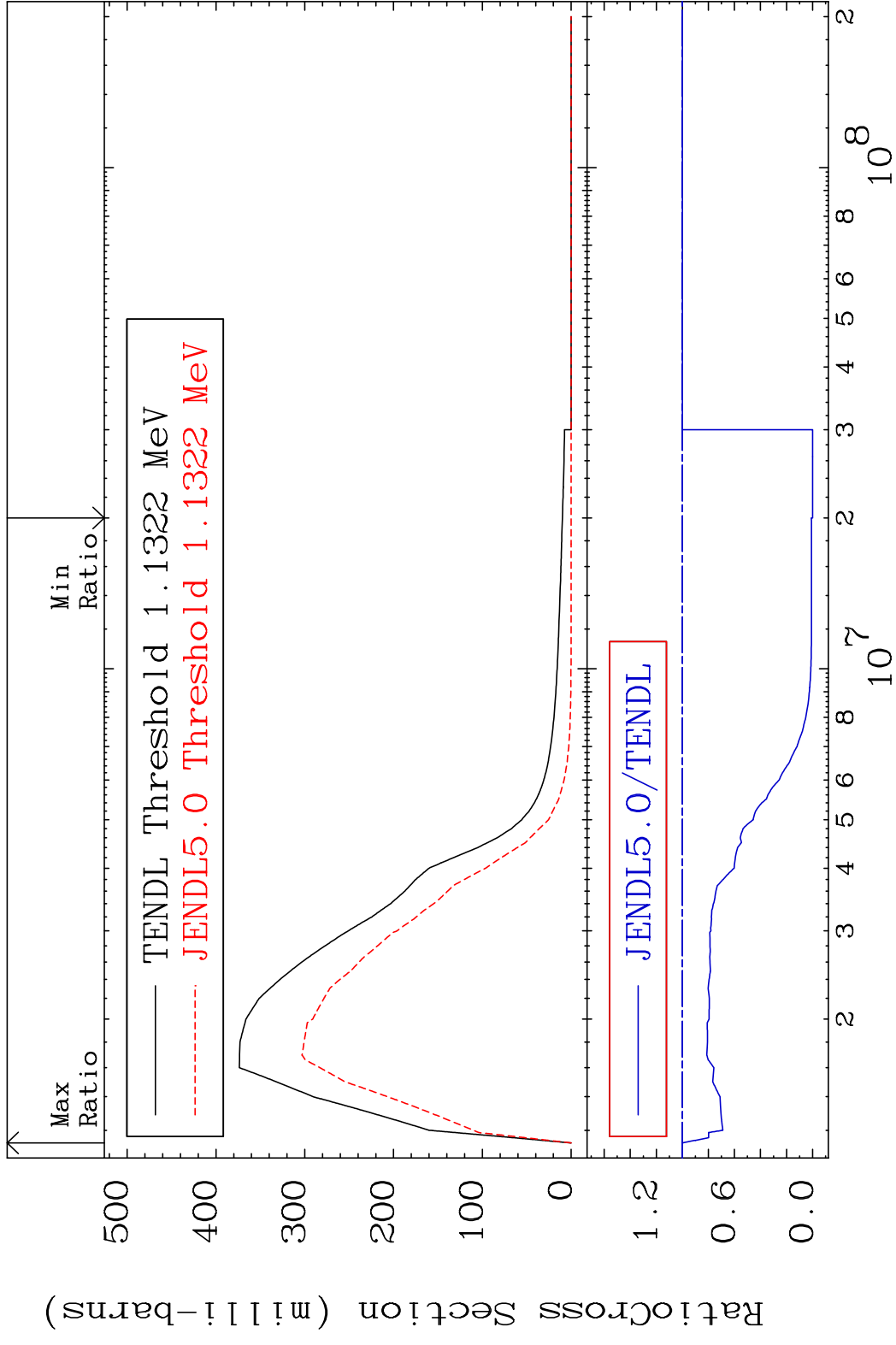


10 Incident Energy (eV) 29-Cu-67

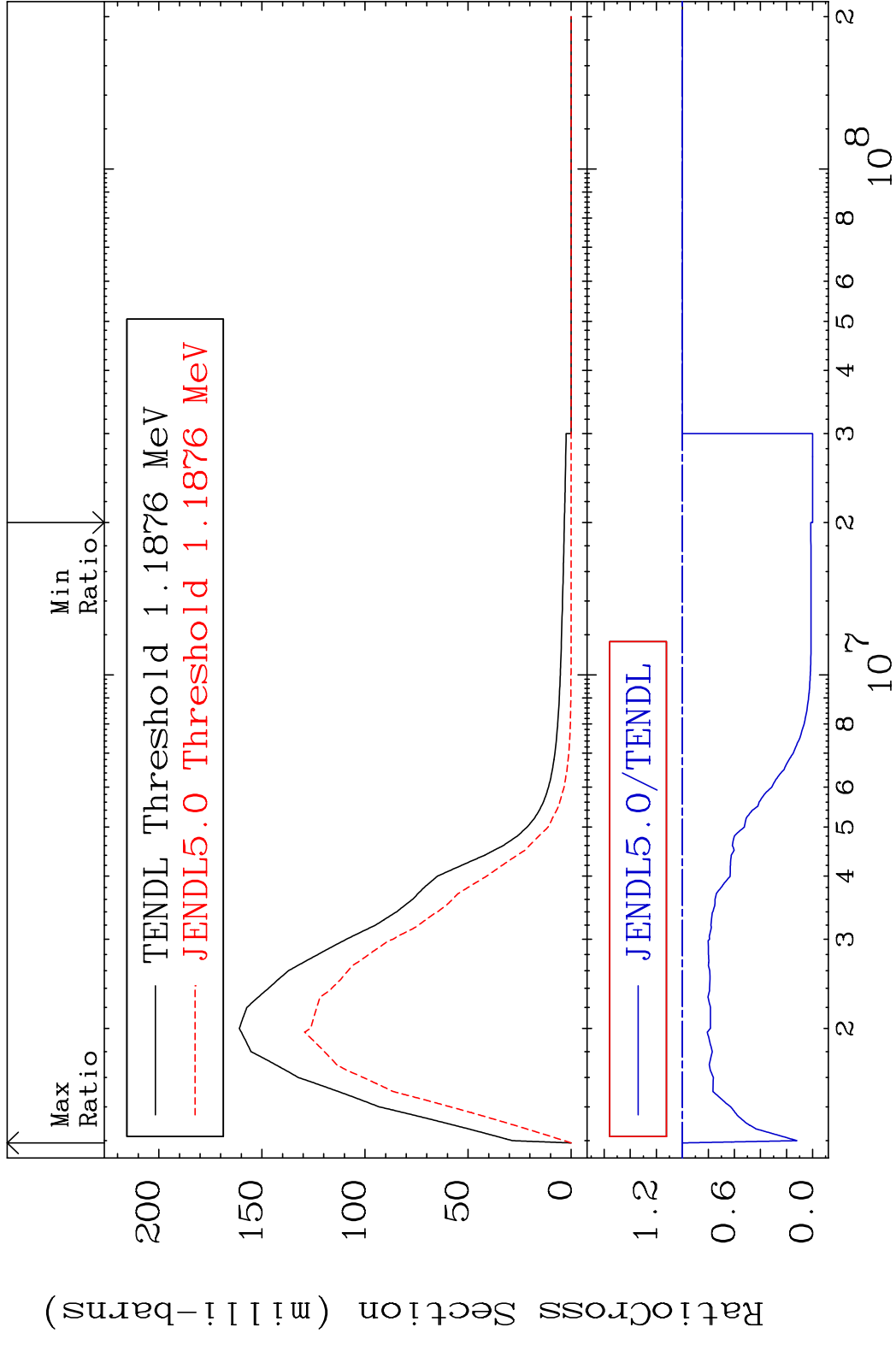
MAT 2937 (n,2n) p 29-Cu-67
 Cross Section -100.0 To 0.000 %



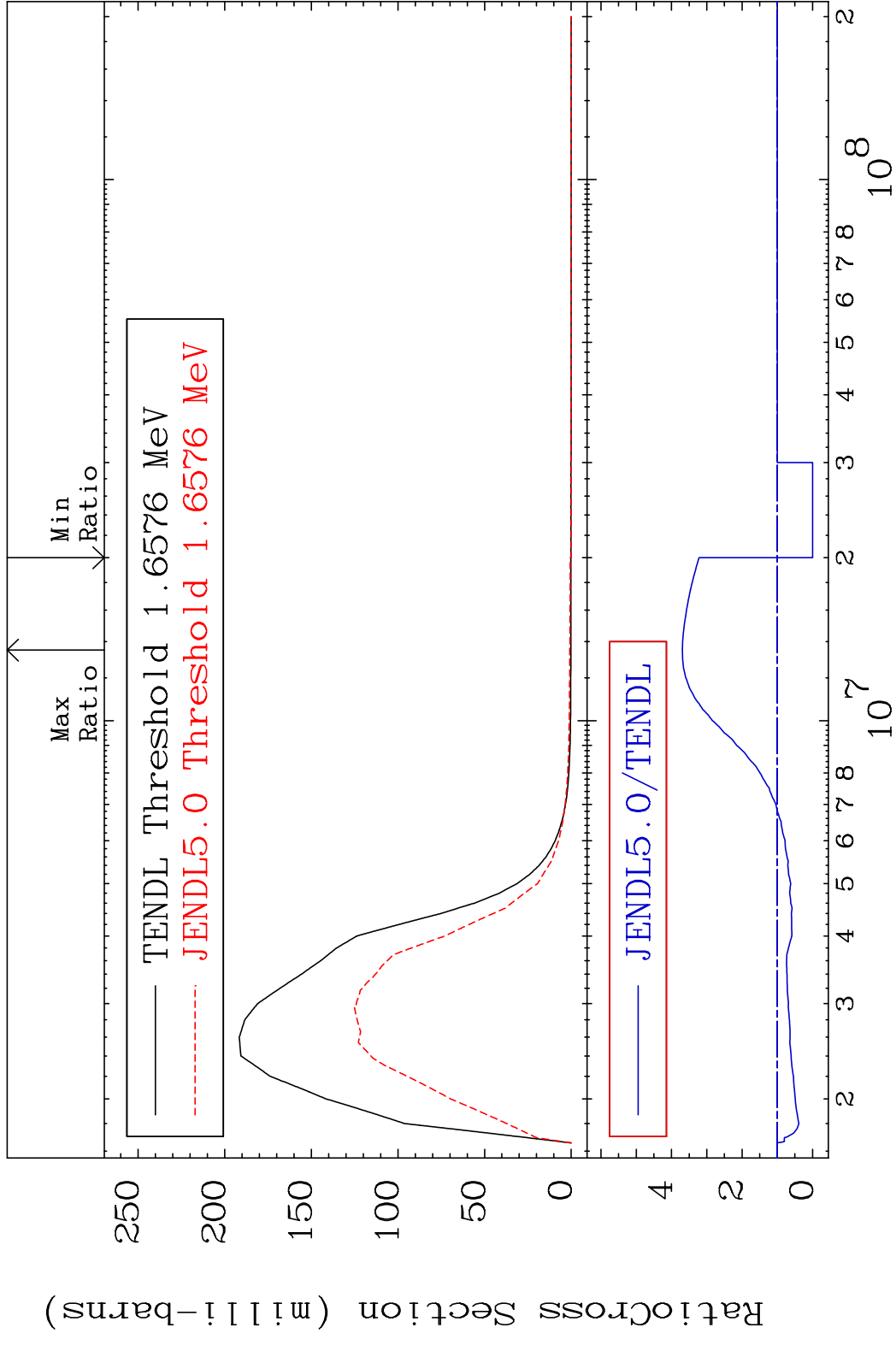
MAT 2937 MT= 51 (n, n') Level 29-Cu-67
 Cross Section -100.0 To 0.000 %



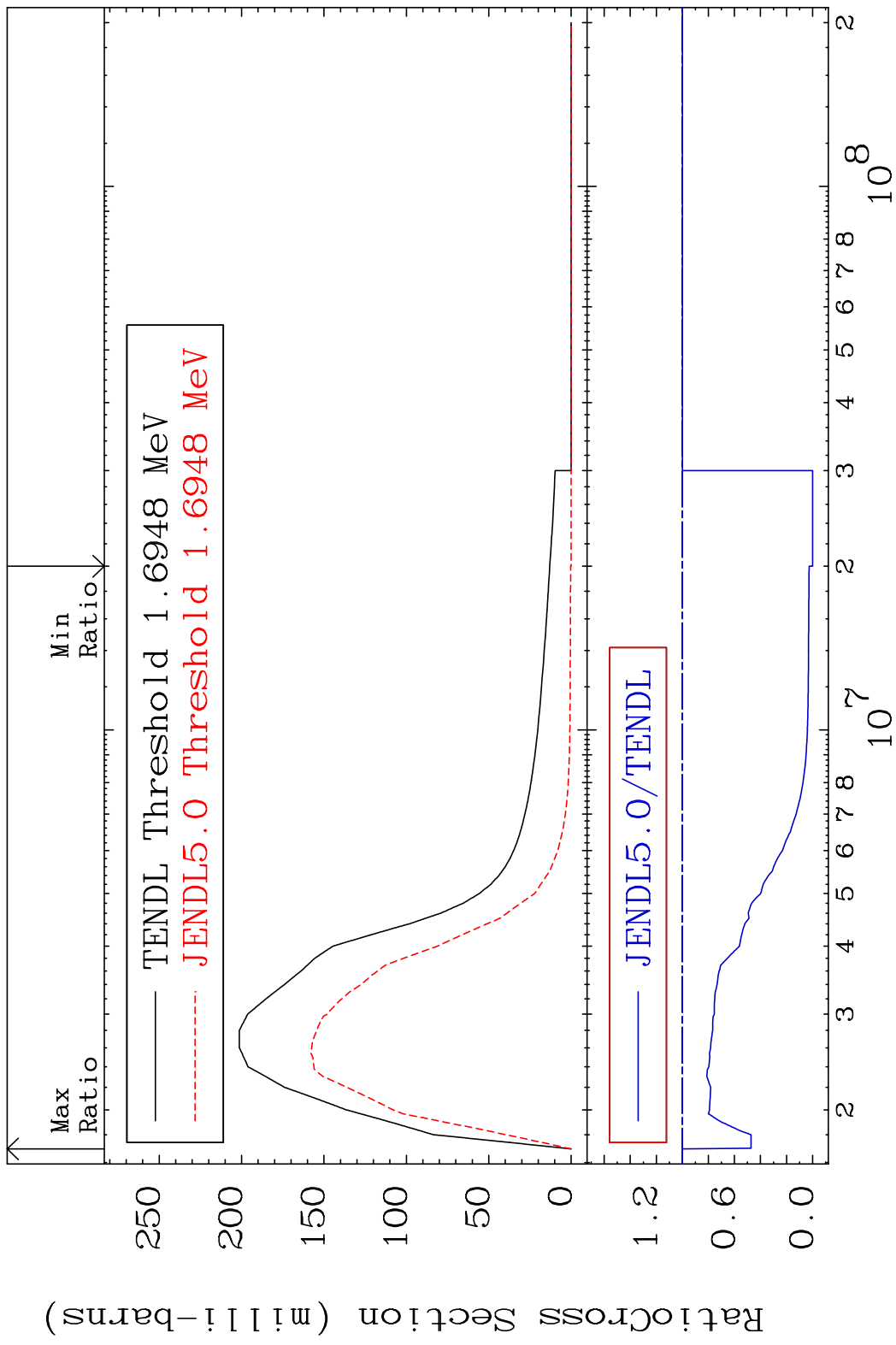
MAT 2937 MT= 52 (n, n') Level 29-Cu-67
 Cross Section -100.0 To 0.000 %



MAT 2937 MT= 53 (n, n') Level 29-Cu-67
 Cross Section -100.0 To 269.3 %

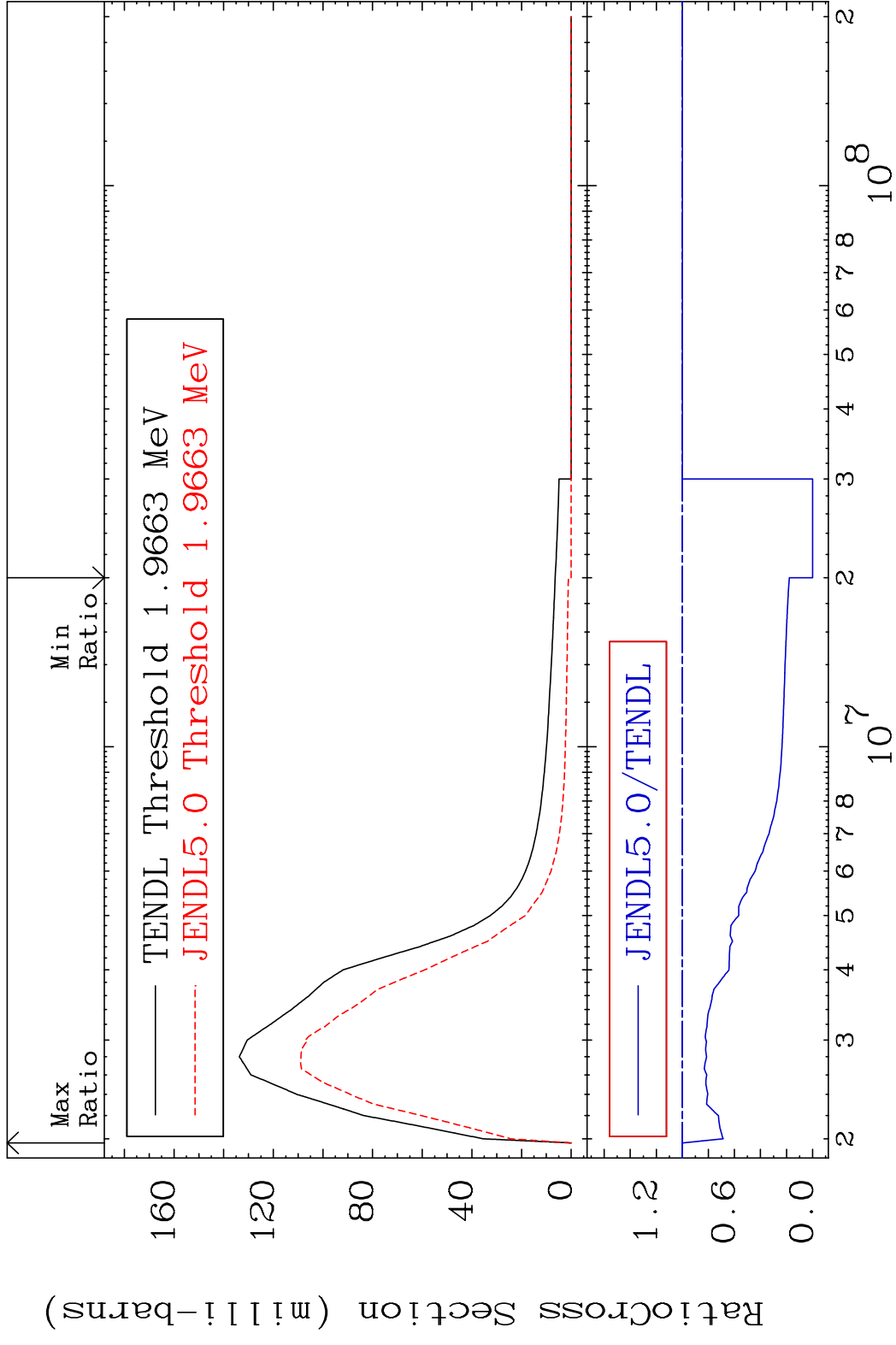


MAT 2937 MT= 54 (n, n') Level 29-Cu-67
 Cross Section -100.0 To 0.000 %



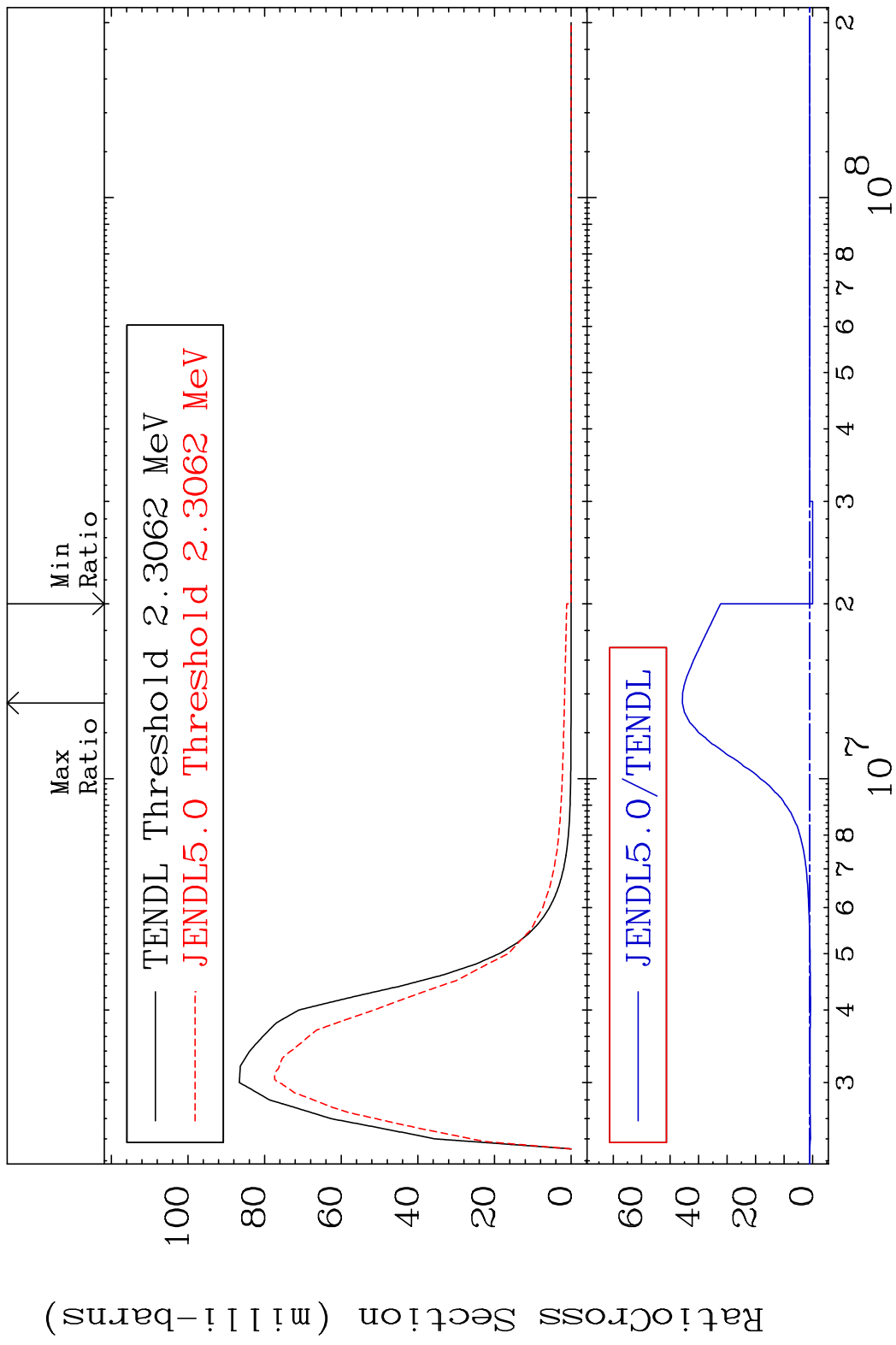
15 Incident Energy (eV) 29-Cu-67

MAT 2937 MT= 55 (n, n') Level 29-Cu-67
 Cross Section -100.0 To 0.000 %

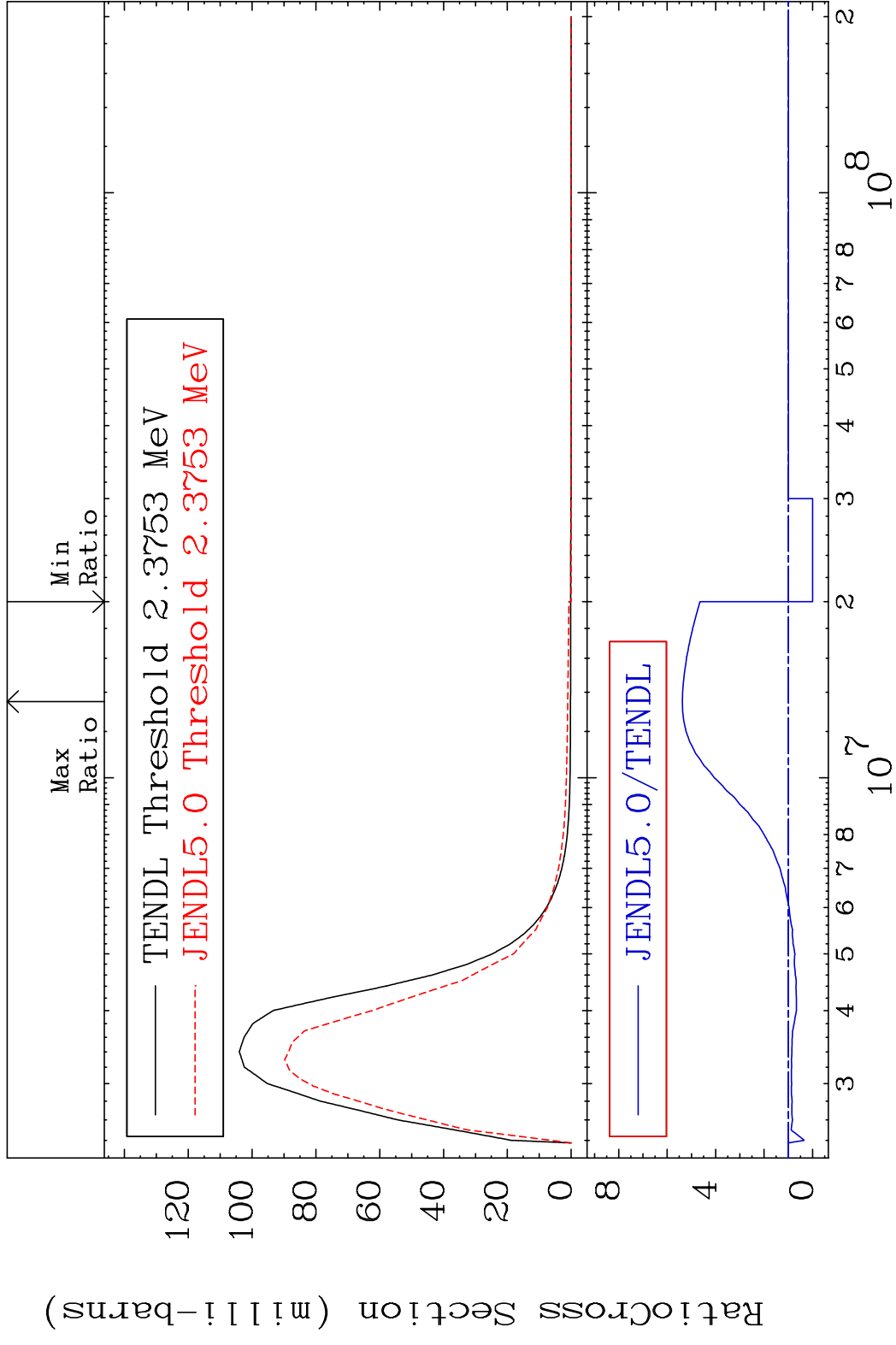


16 Incident Energy (eV) 29-Cu-67

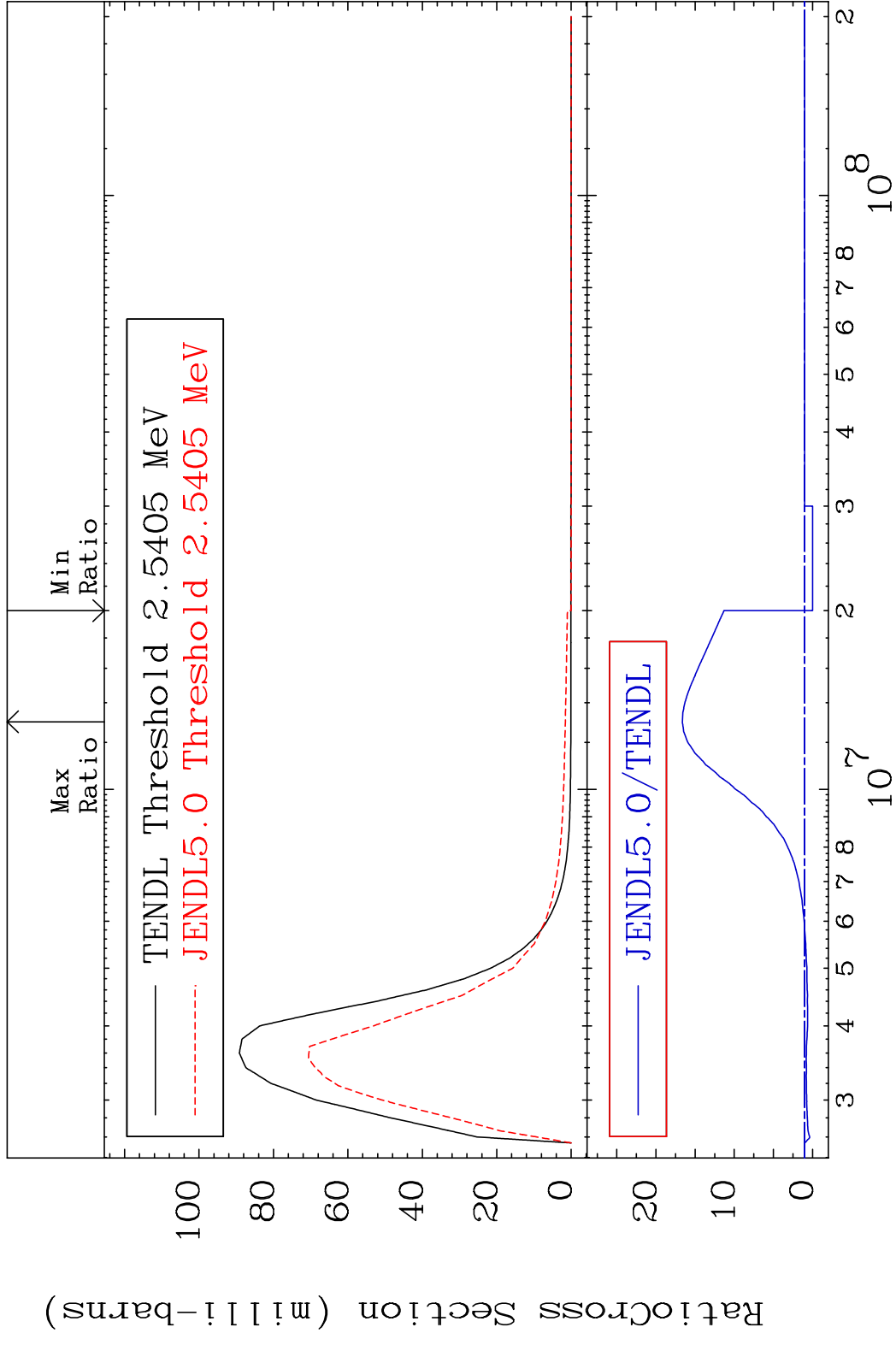
MAT 2937 MT= 56 (n, n') Level 29-Cu-67
 Cross Section -100.0 To 4471. %



MAT 2937 MT= 57 (n, n') Level 29-Cu-67
 Cross Section -100.0 To 437.4 %

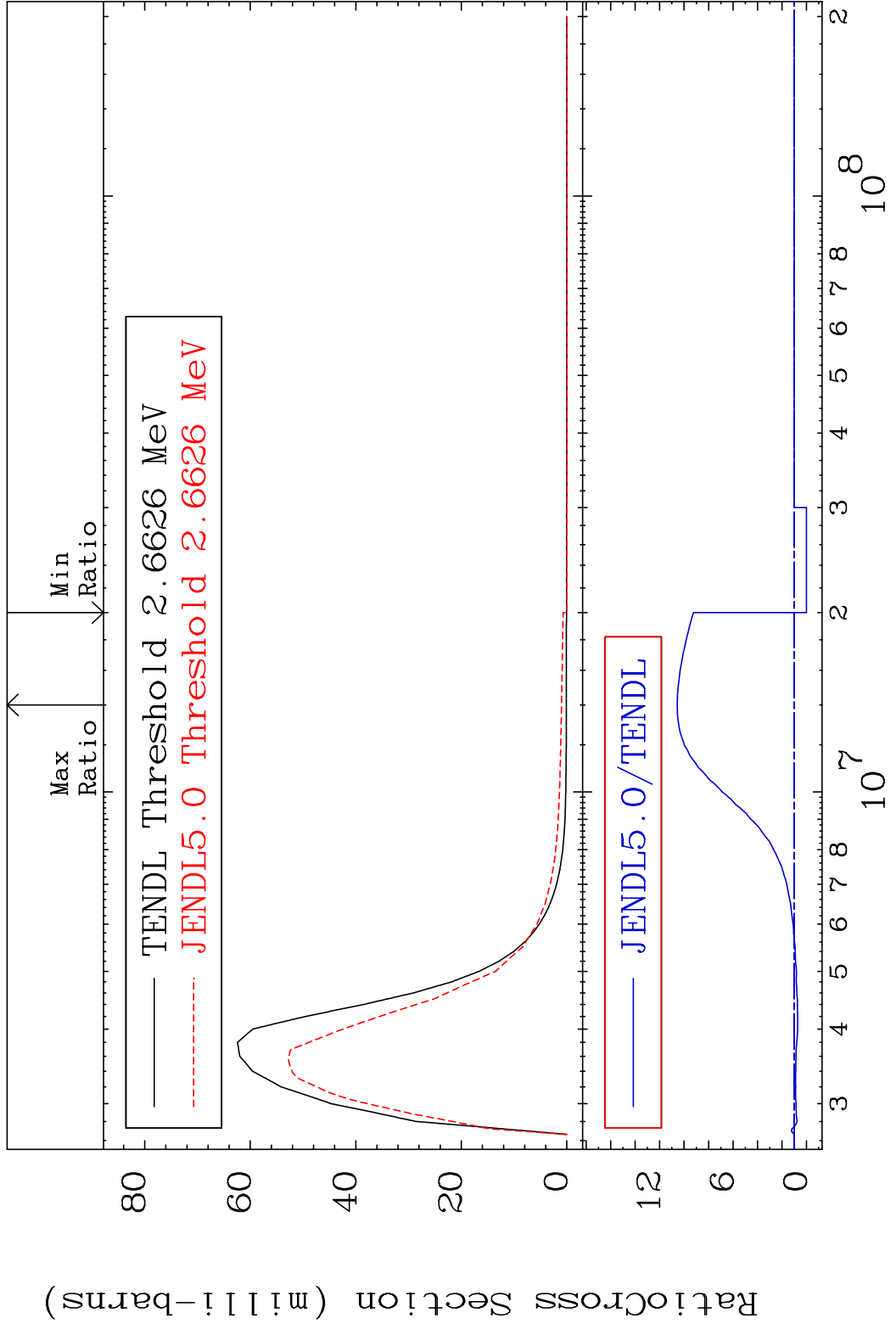


MAT 2937 MT= 58 (n, n') Level 29-Cu-67
 Cross Section -100.0 To 1563. %



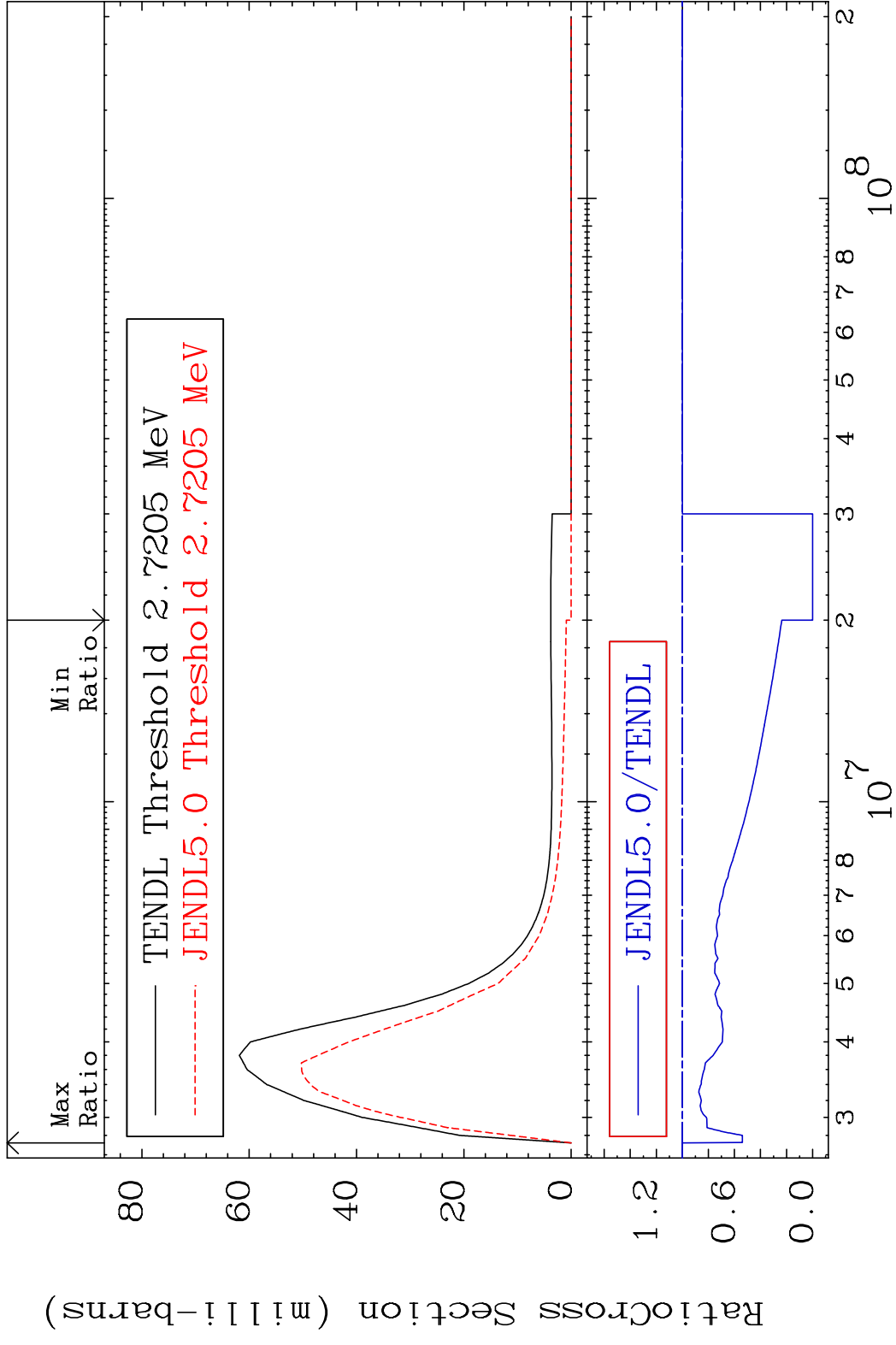
19 Incident Energy (eV) 29-Cu-67

MAT 2937 MT= 59 (n, n') Level 29-Cu-67
 Cross Section -100.0 To 956.7 %

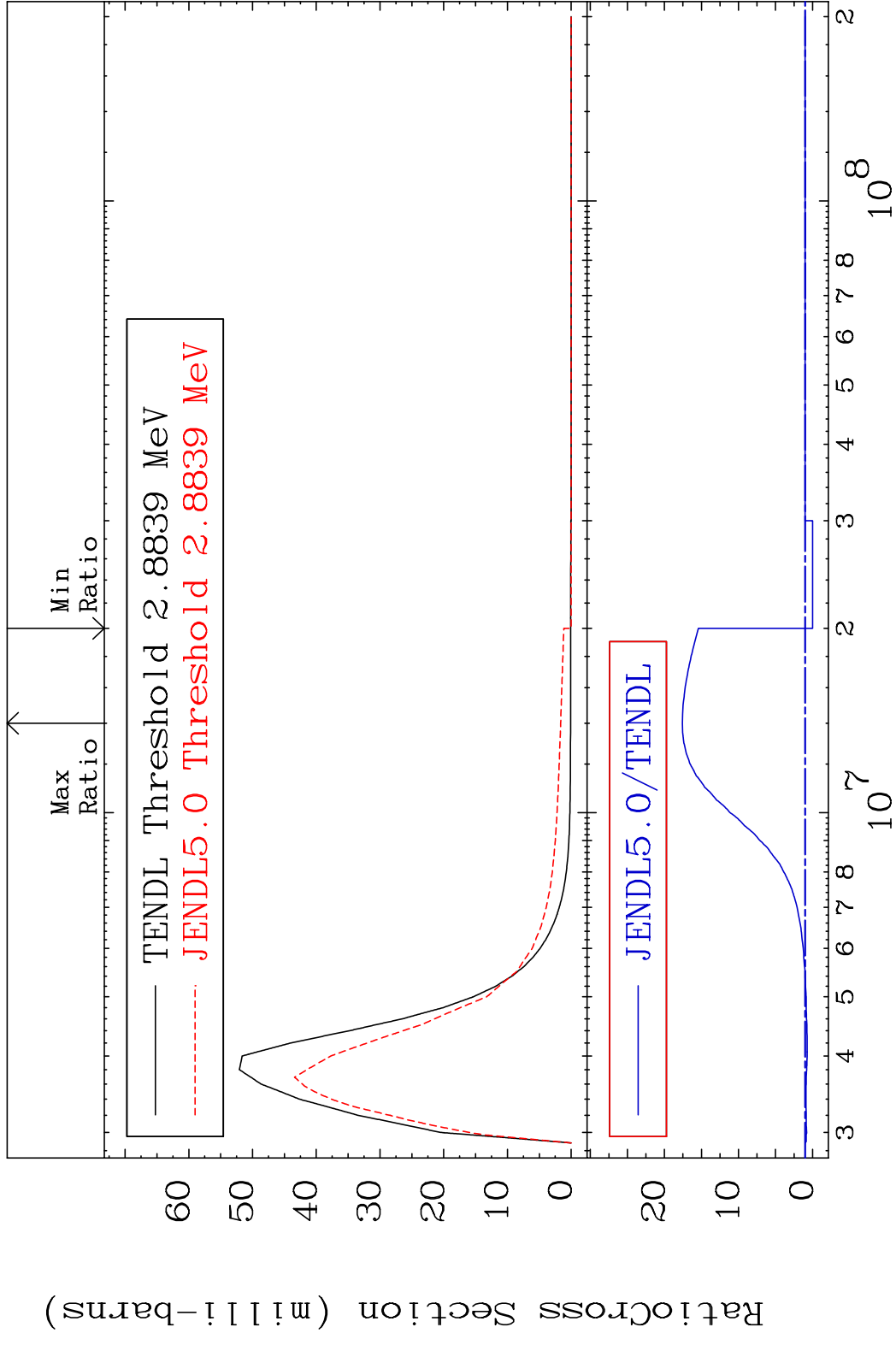


20 Incident Energy (eV) 29-Cu-67

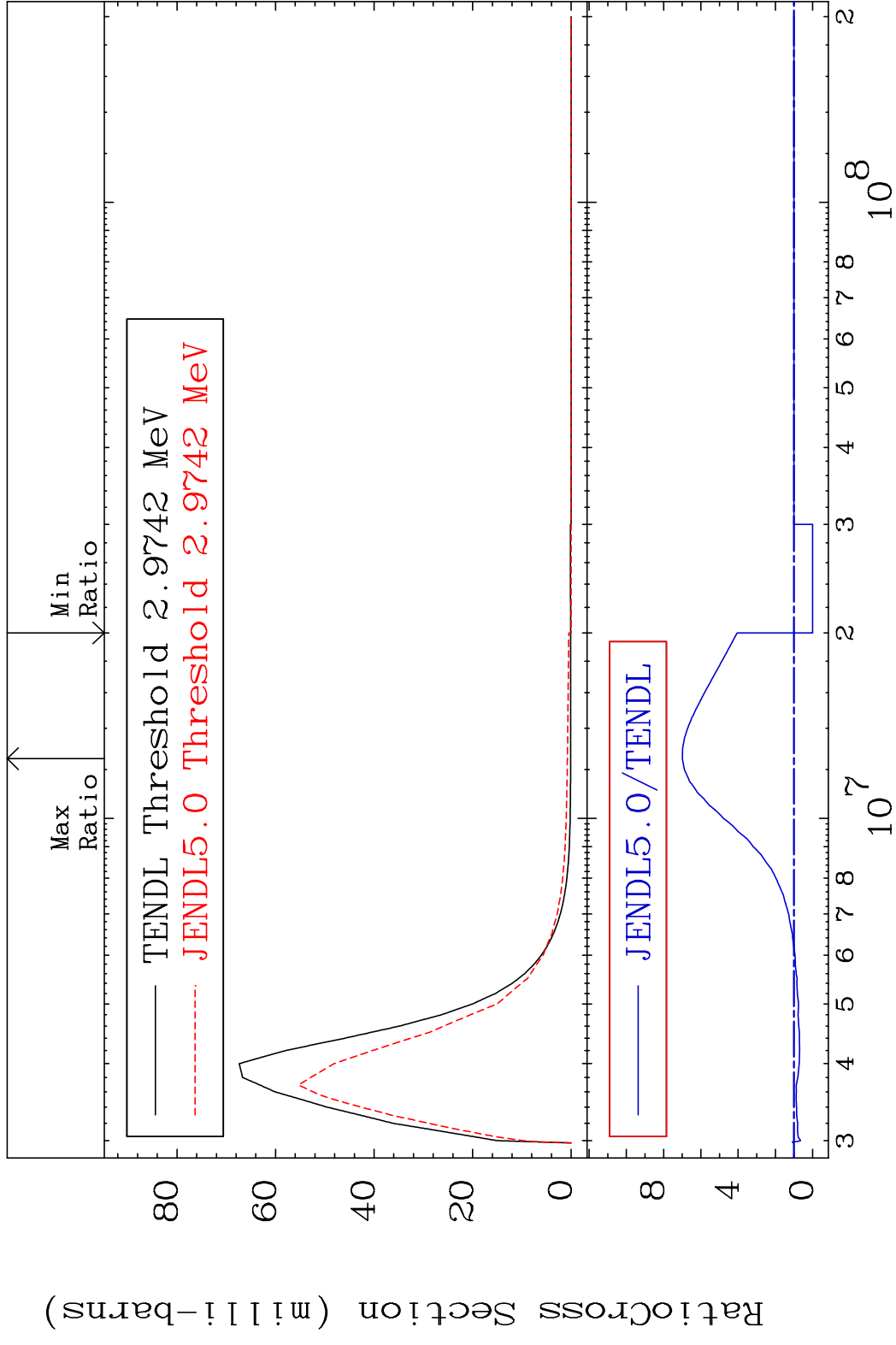
MAT 2937 MT= 60 (n, n') Level 29-Cu-67
 Cross Section -100.0 To 0.000 %



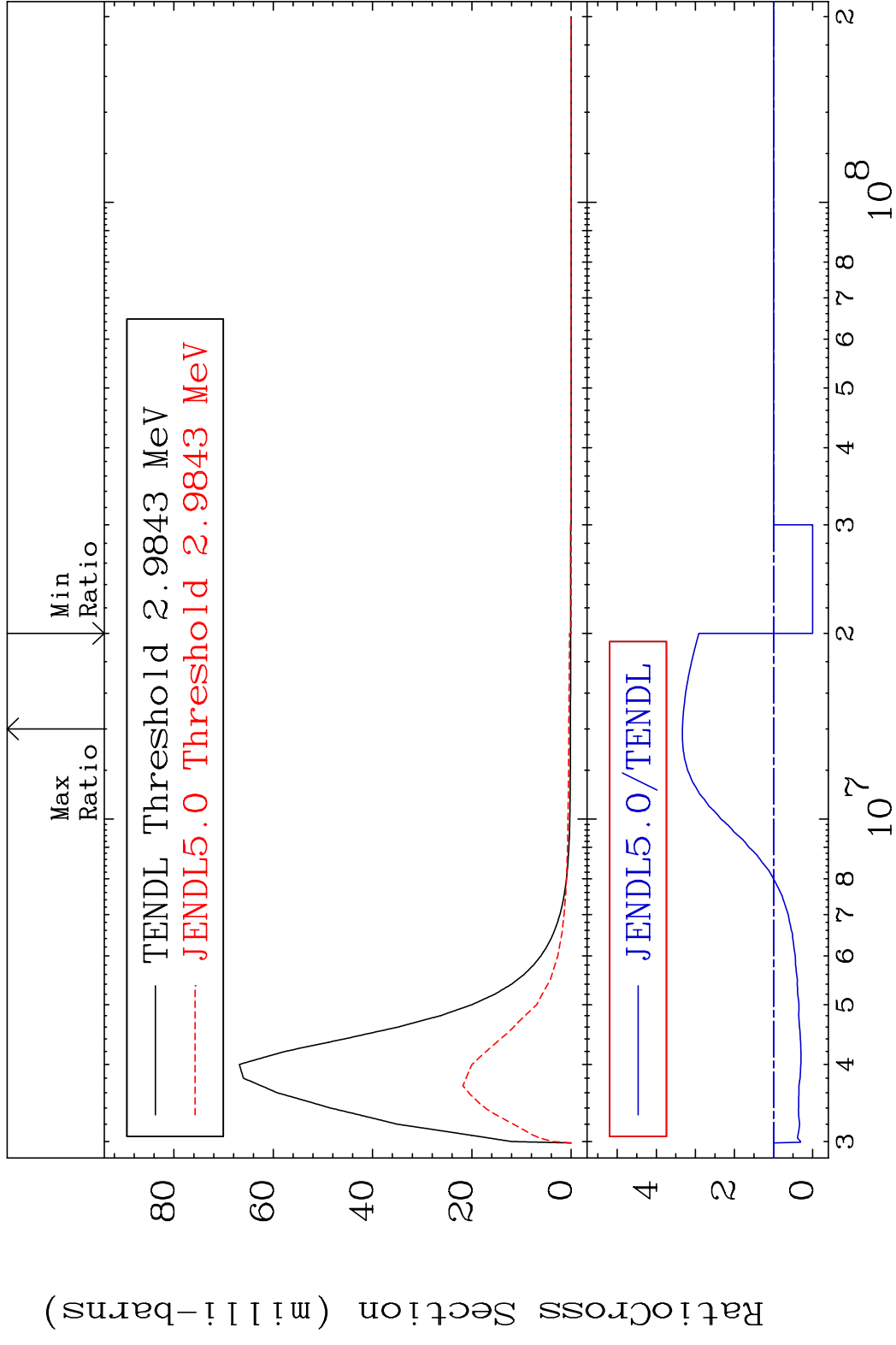
MAT 2937 MT= 61 (n, n') Level 29-Cu-67
 Cross Section -100.0 To 1658. %



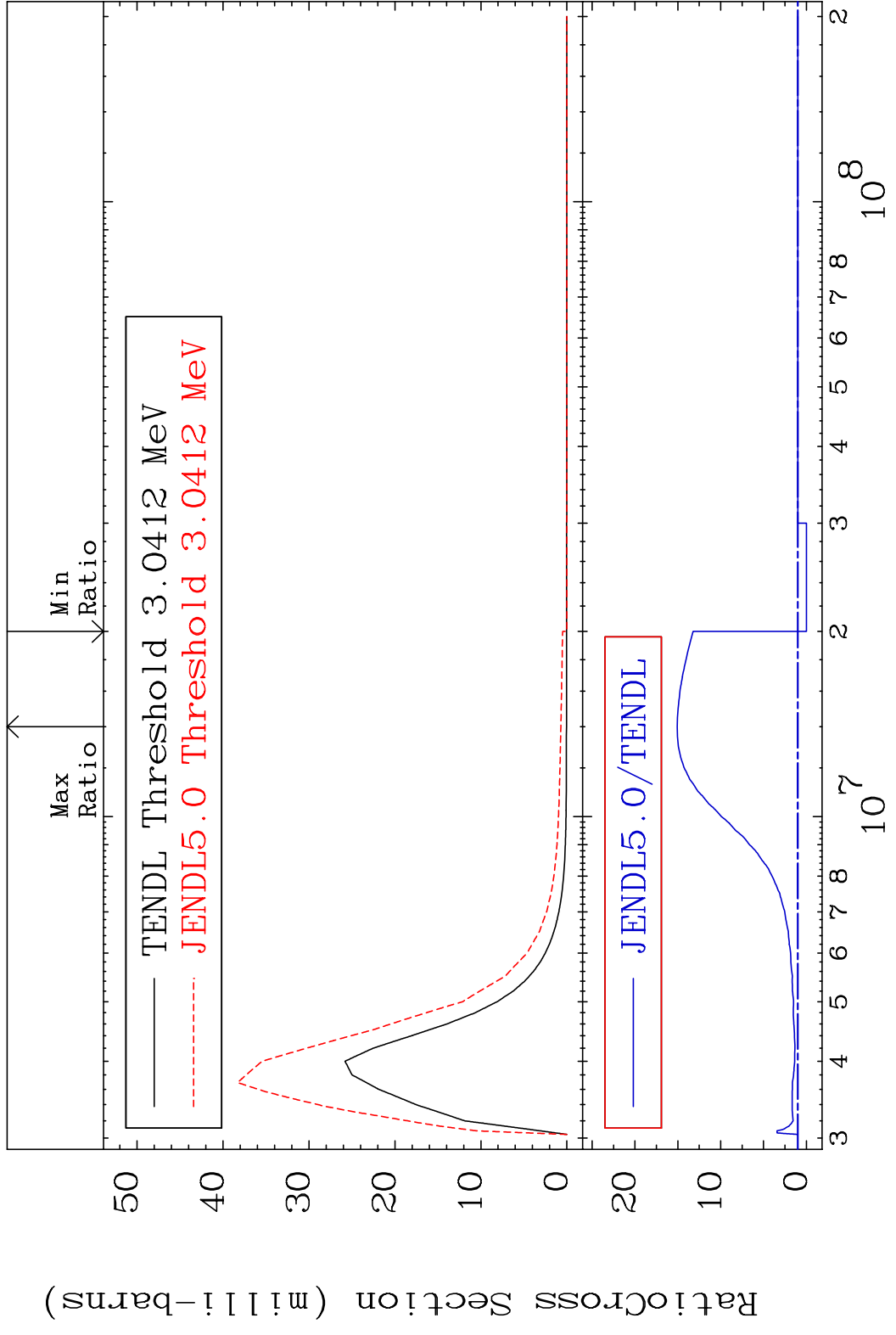
MAT 2937 MT= 62 (n, n') Level 29-Cu-67
 Cross Section -100.0 To 599.4 %



MAT 2937 MT= 63 (n, n') Level 29-Cu-67
 Cross Section -100.0 To 233.4 %

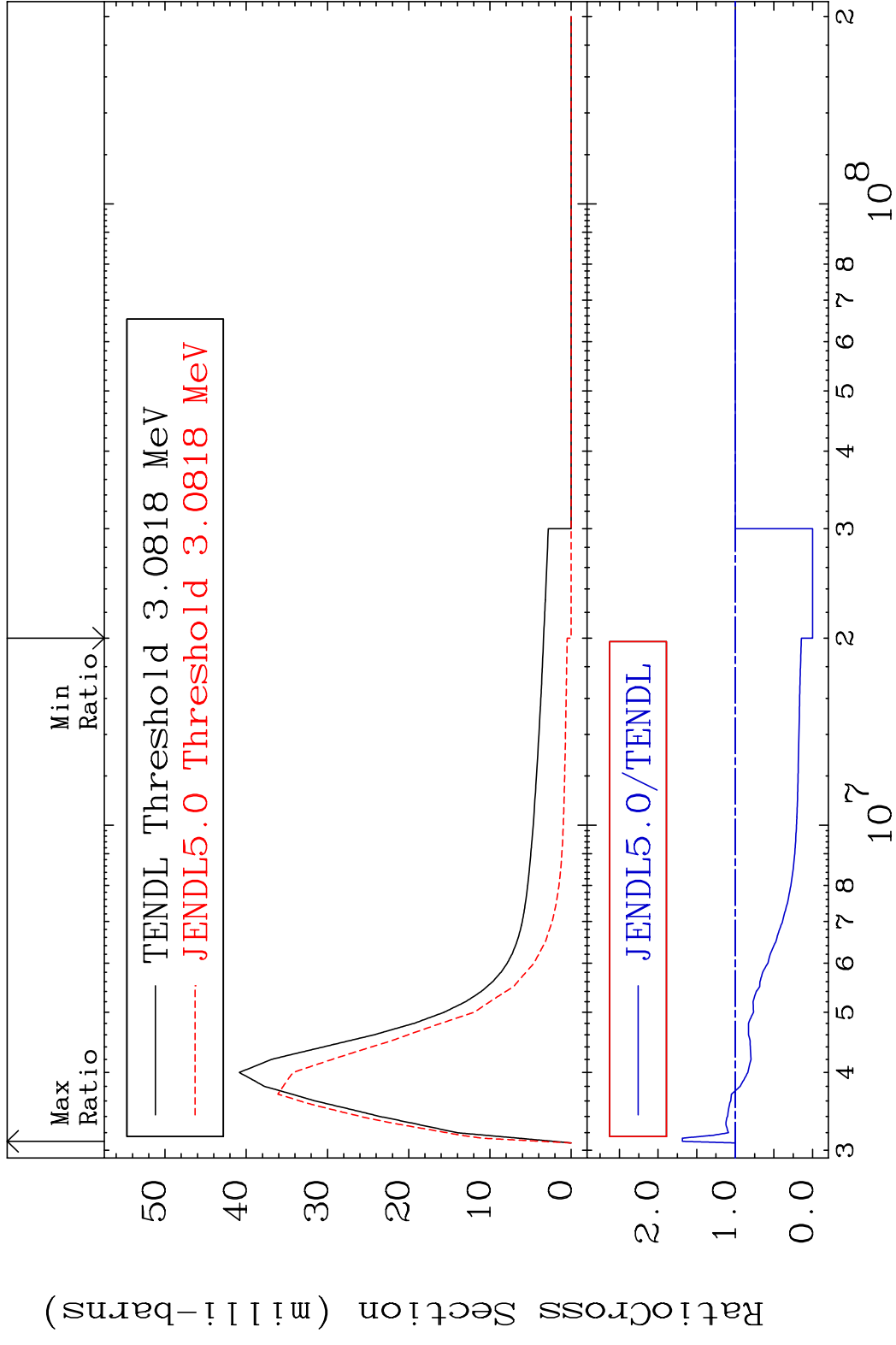


MAT 2937 MT= 64 (n, n') Level 29-Cu-67
 Cross Section -100.0 To 1407. %

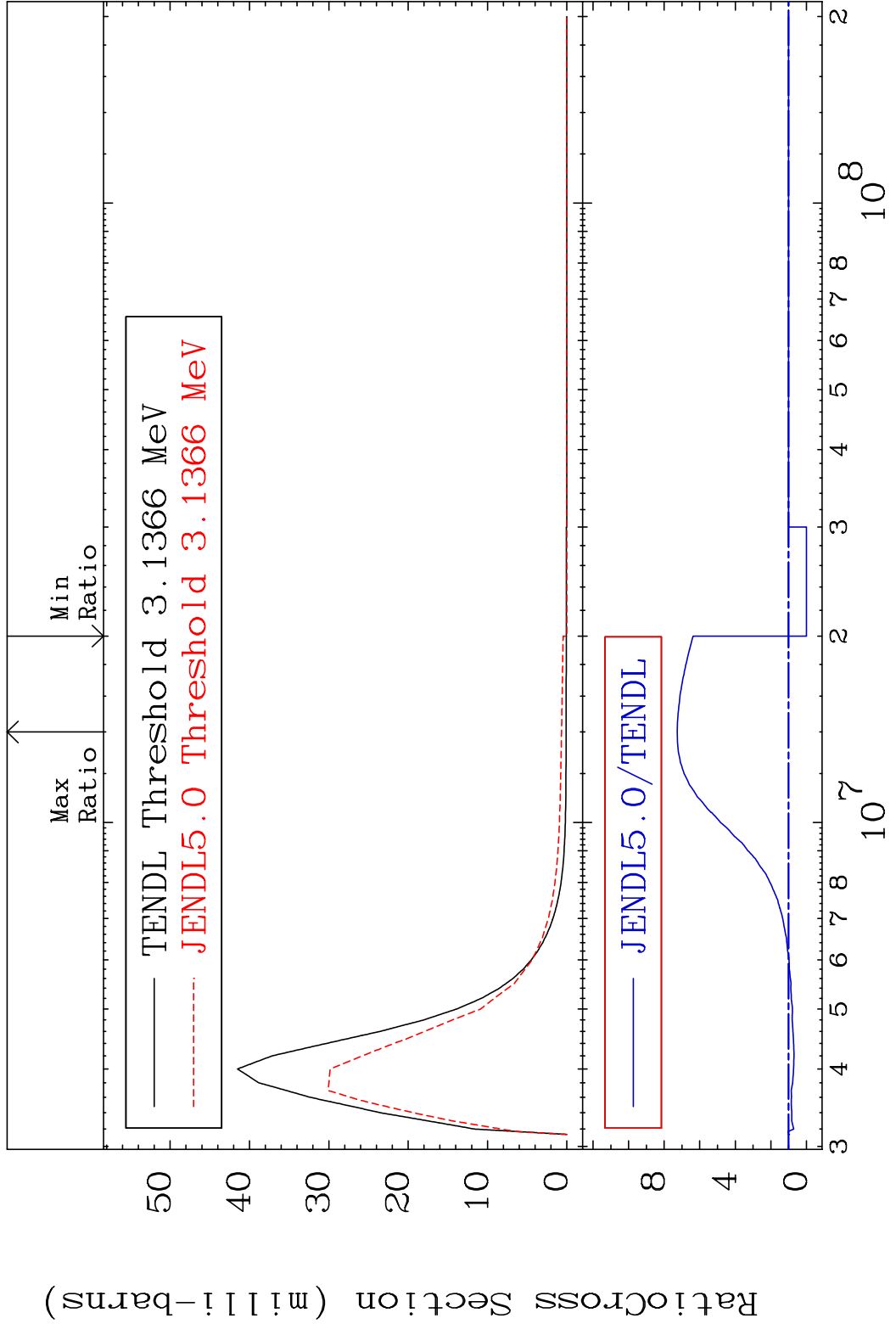


25 29-Cu-67

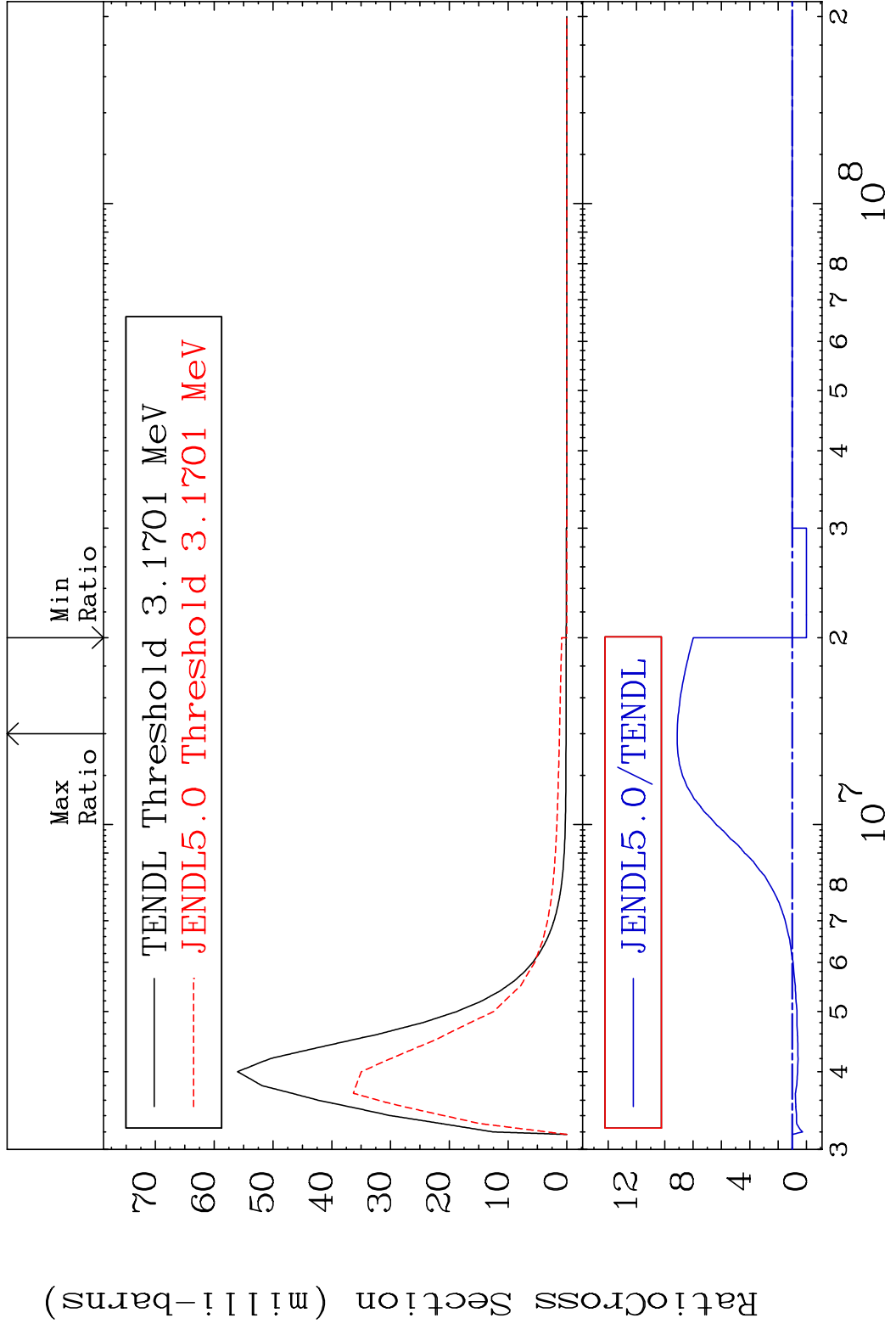
MAT 2937 MT= 65 (n,n') Level 29-Cu-67
 Cross Section -100.0 To 68.57 %



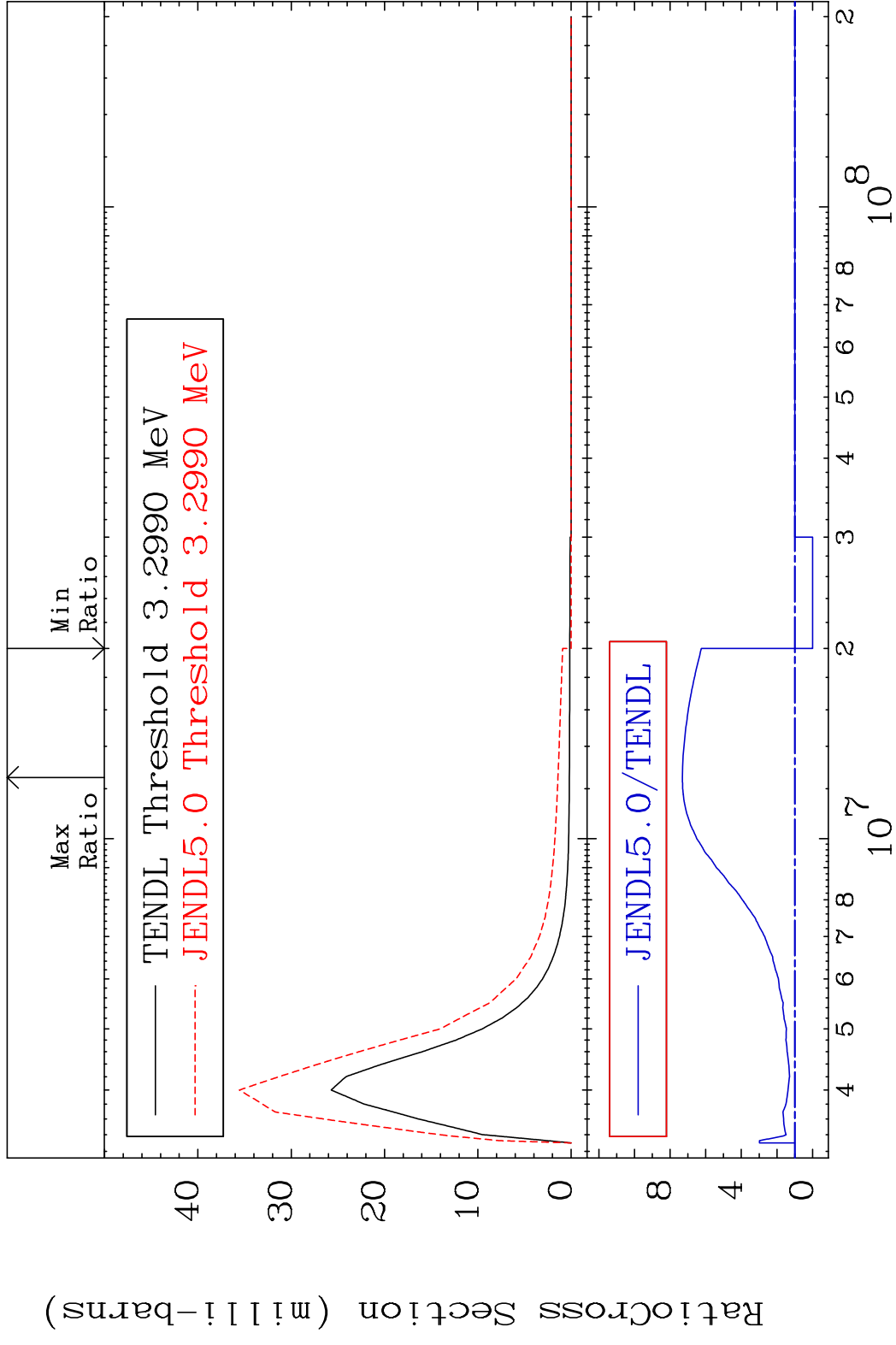
MAT 2937 MT= 66 (n, n') Level 29-Cu-67
 Cross Section -100.0 To 626.7 %



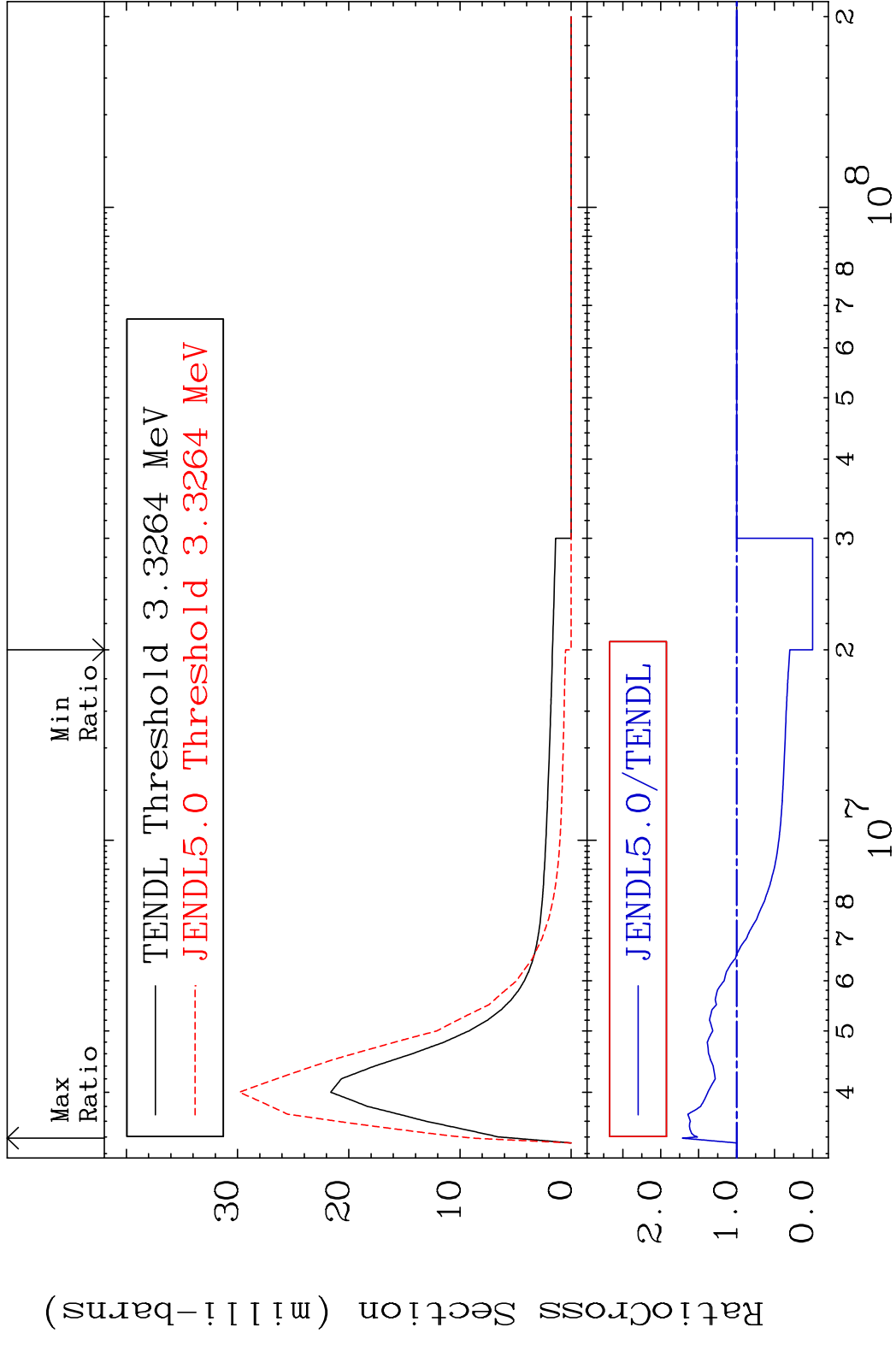
MAT 2937 MT= 67 (n, n') Level 29-Cu-67
 Cross Section -100.0 To 812.6 %



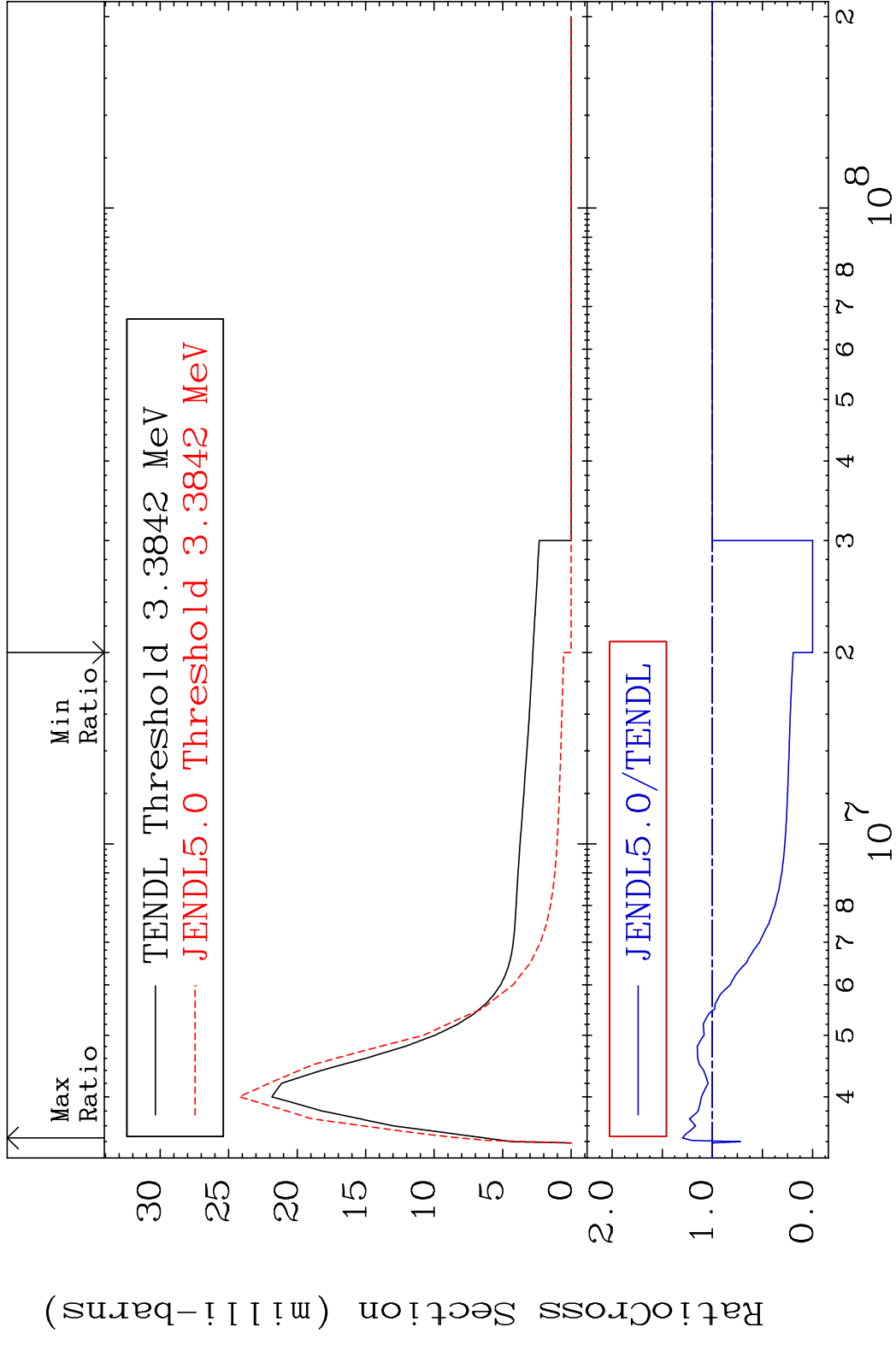
MAT 2937 MT= 68 (n, n') Level 29-Cu-67
 Cross Section -100.0 To 631.2 %



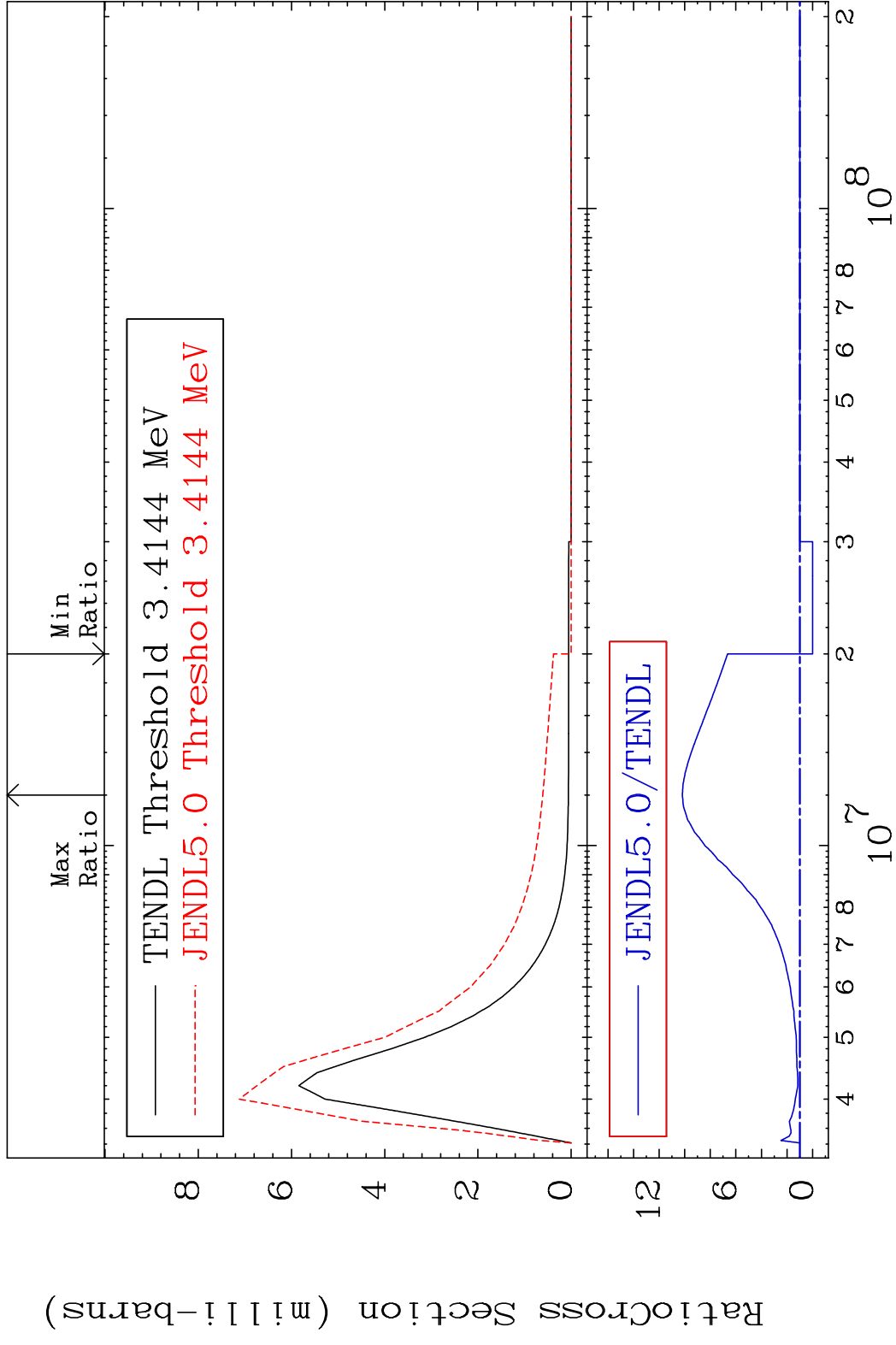
MAT 2937 MT= 69 (n, n') Level 29-Cu-67
 Cross Section -100.0 To 71.53 %



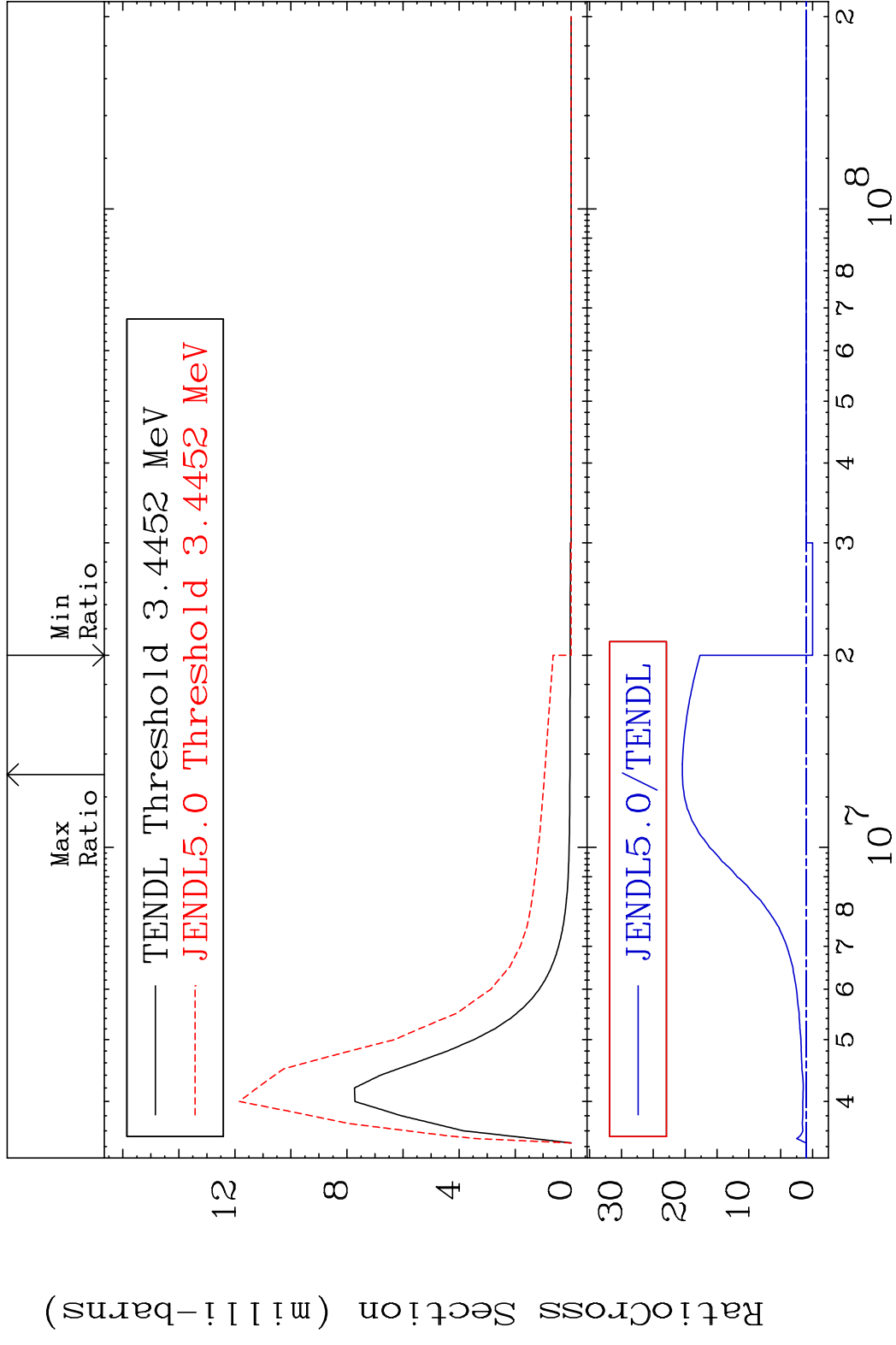
MAT 2937 MT= 70 (n,n') Level 29-Cu-67
 Cross Section -100.0 To 29.90 %



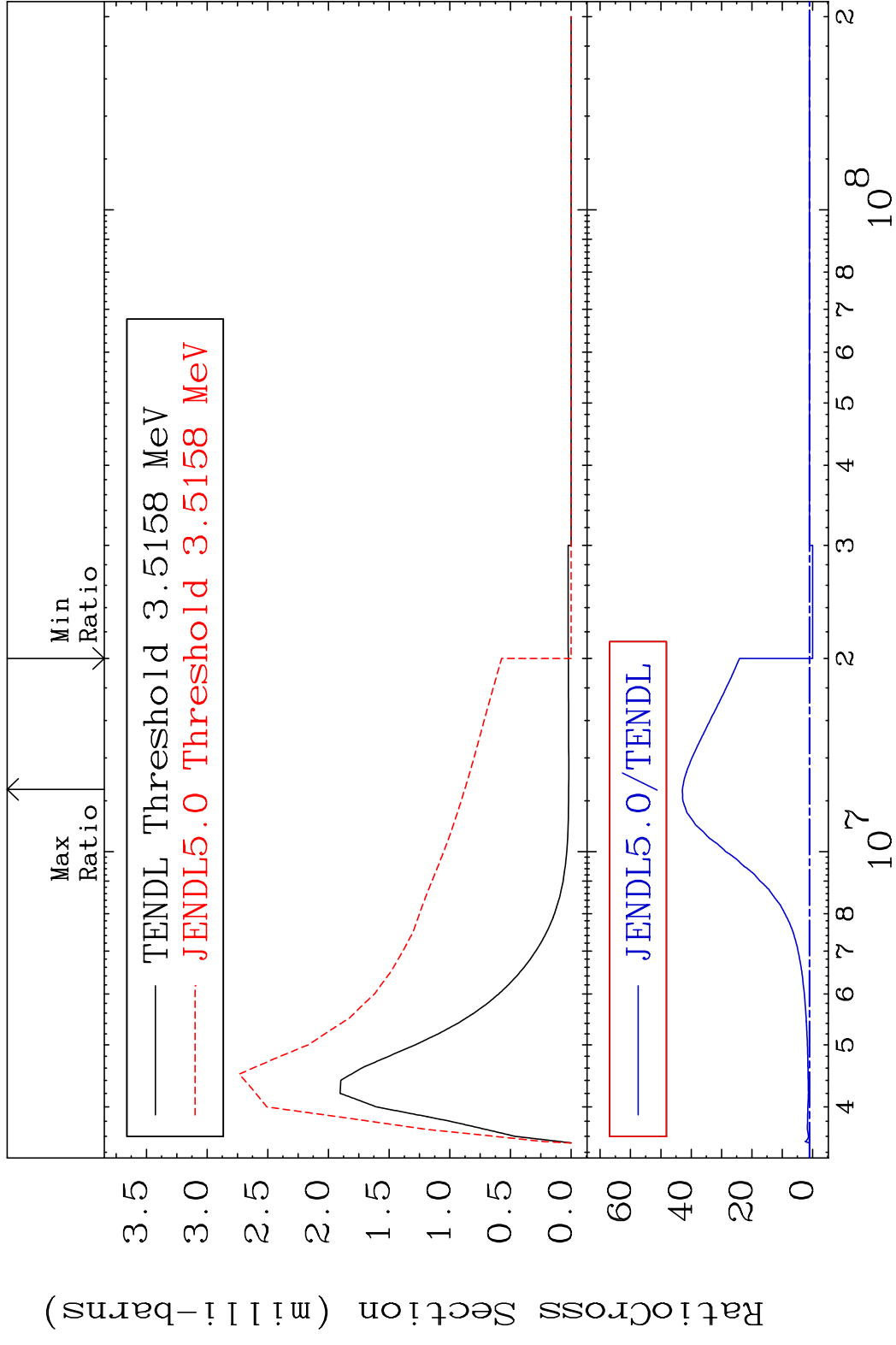
MAT 2937 MT= 71 (n, n') Level 29-Cu-67
 Cross Section -100.0 To 918.3 %



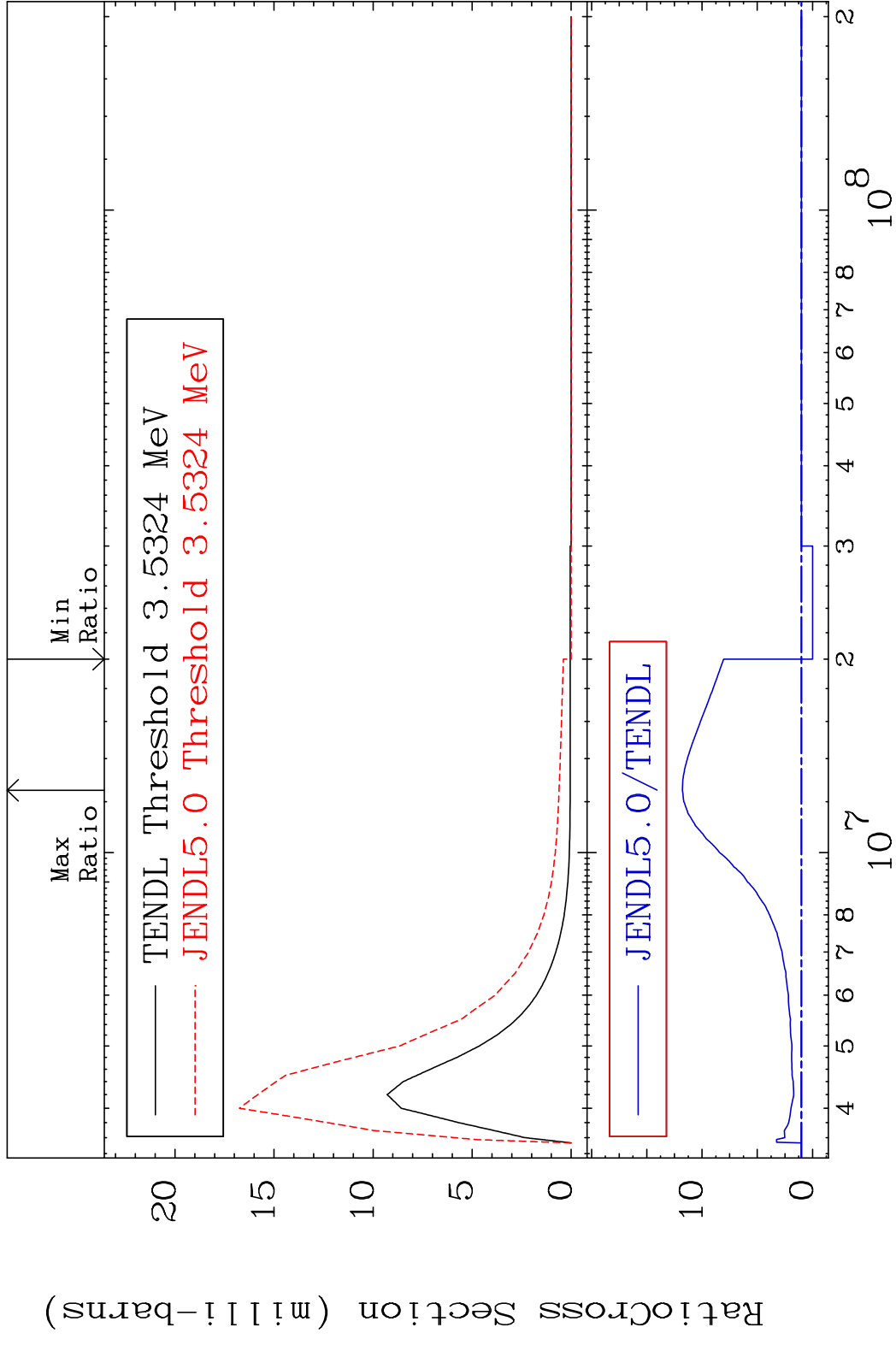
MAT 2937 MT= 72 (n,n') Level 29-Cu-67
 Cross Section -100.0 To 1944. %



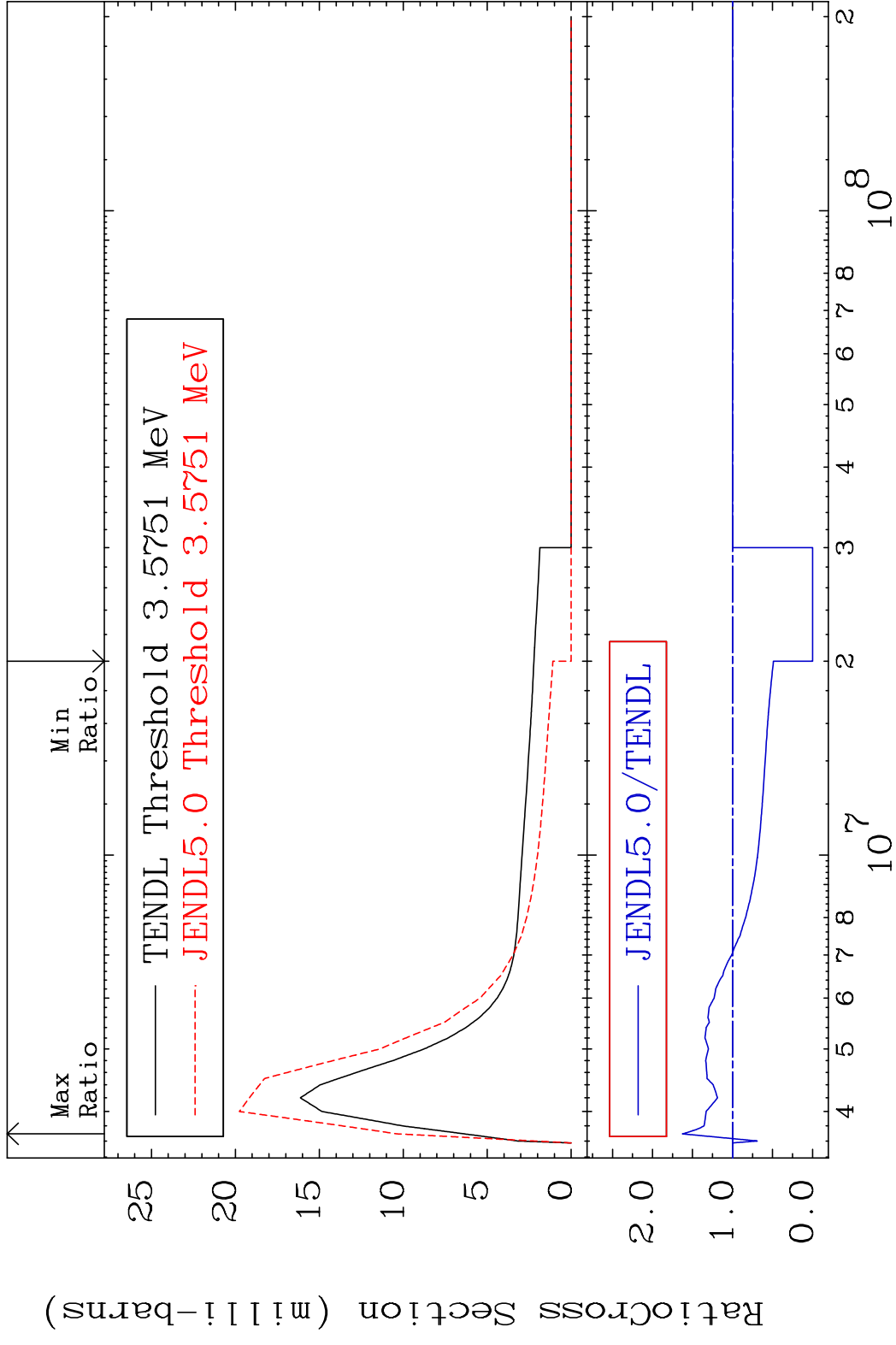
MAT 2937 MT= 73 (n, n') Level 29-Cu-67
 Cross Section -100.0 To 4191. %



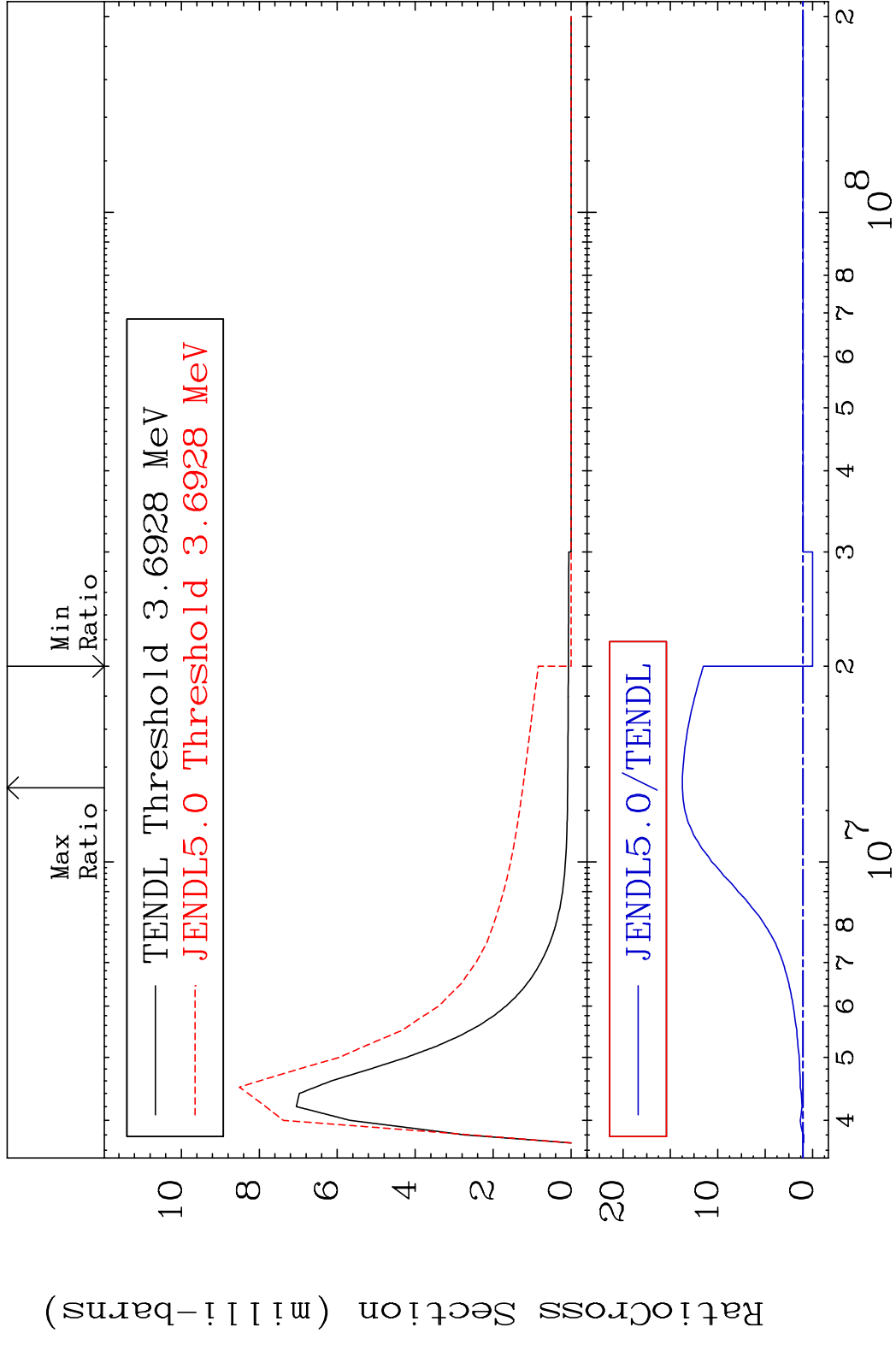
MAT 2937 MT= 74 (n, n') Level 29-Cu-67
 Cross Section -100.0 To 1078. %



MAT 2937 MT= 75 (n,n') Level 29-Cu-67
 Cross Section -100.0 To 62.72 %



MAT 2937 MT= 76 (n, n') Level 29-Cu-67
 Cross Section -100.0 To 1274. %

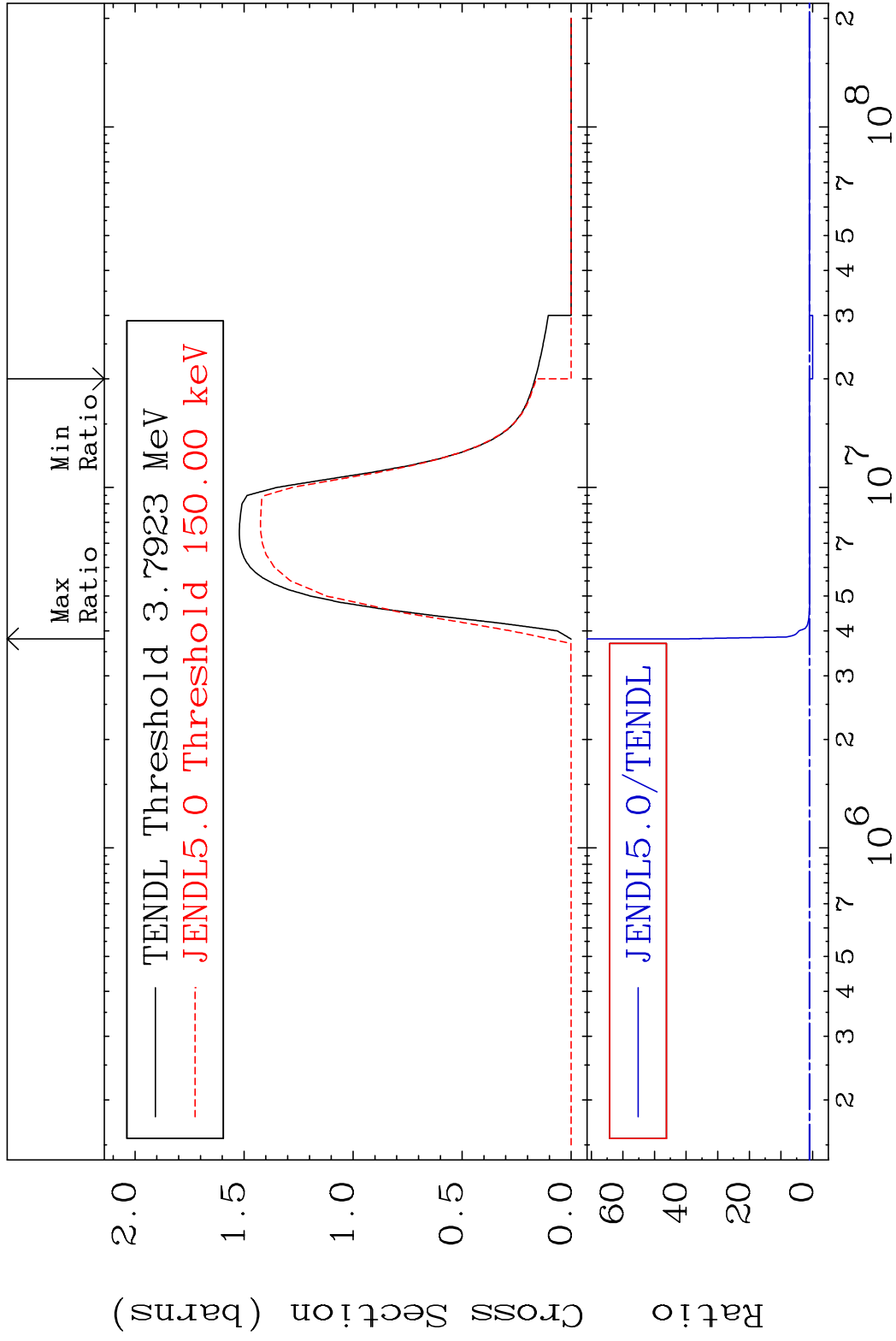


MAT 2937

(n, n') Continuum

29-Cu-67

Cross Section -100.0 To 4019. %

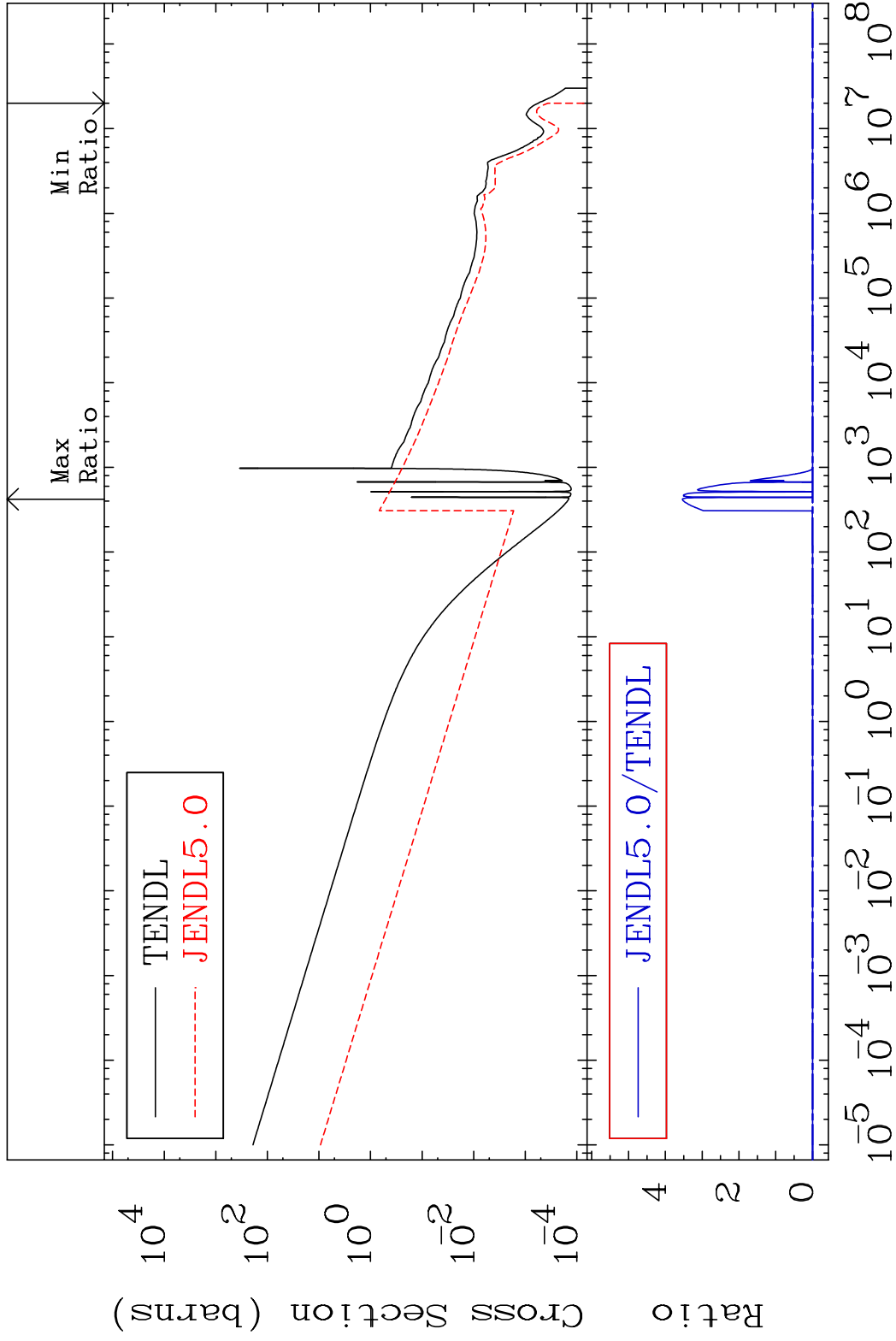


MAT 2937

(n, γ)

29-Cu-67

Cross Section -100.0 To 9999. %

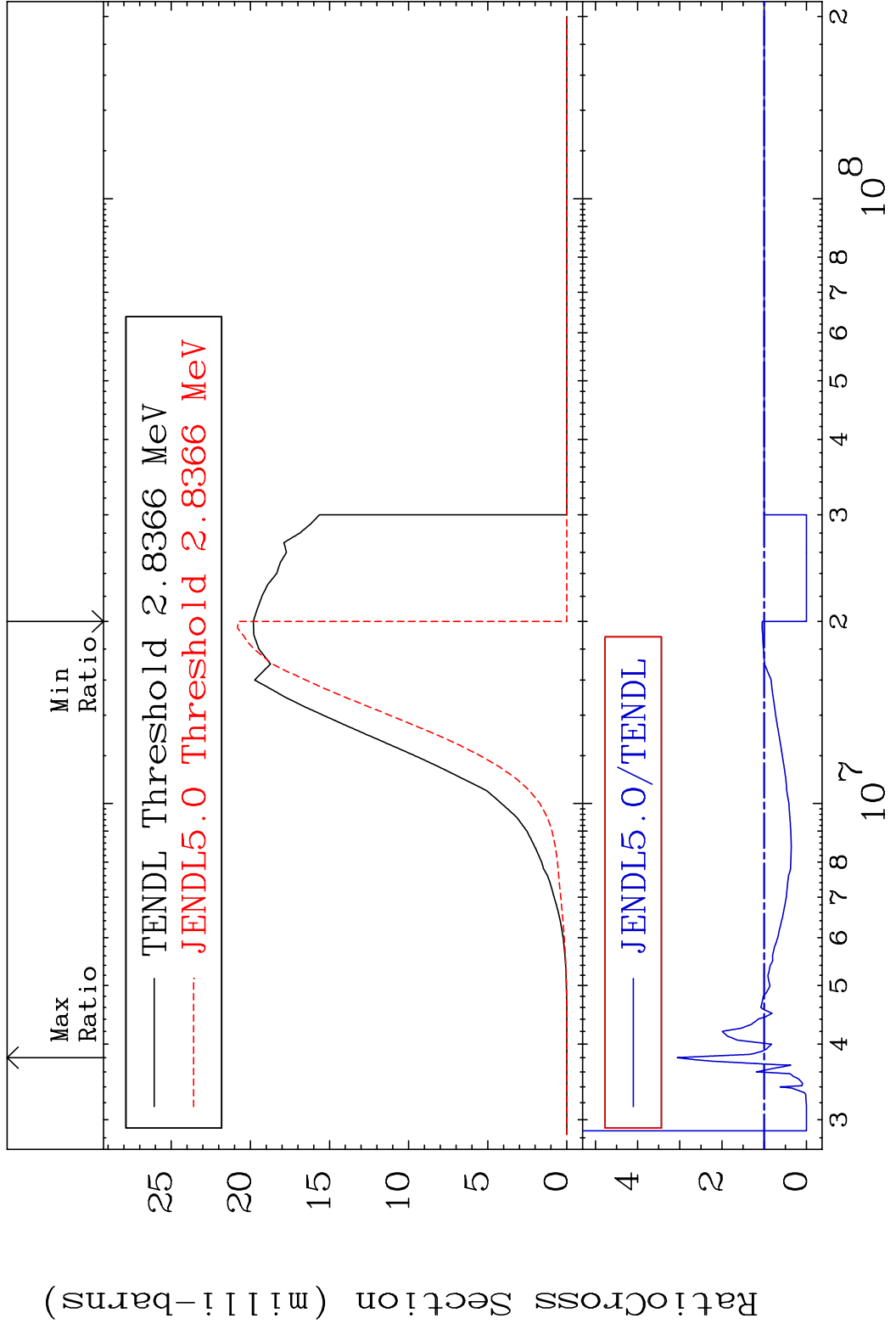


39

Incident Energy (eV)

29-Cu-67

MAT 2937 (n,p) 29-Cu-67
 Cross Section -100.0 To 206.2 %



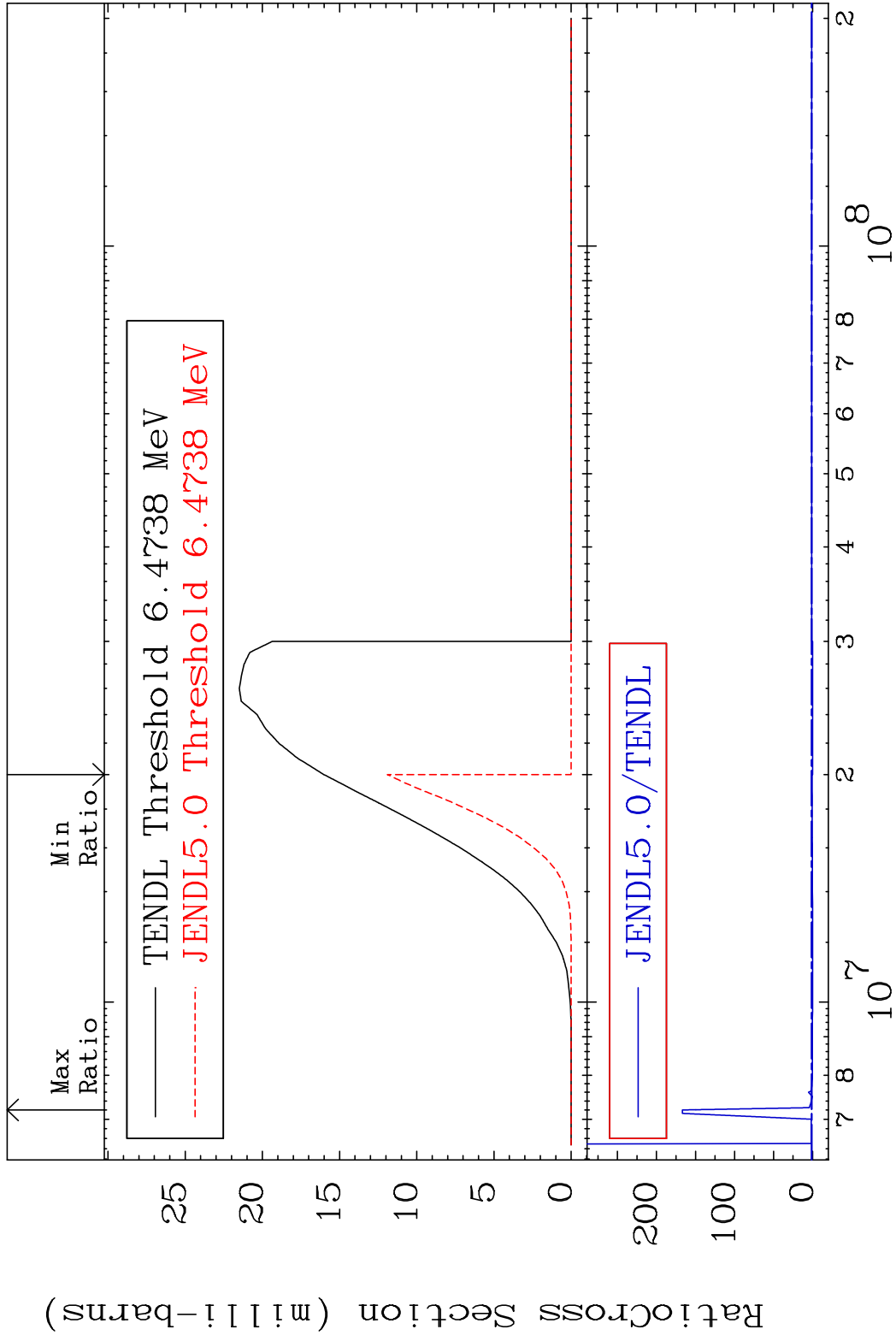
40 29-Cu-67

MAT 2937

(n,d)

29-Cu-67

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

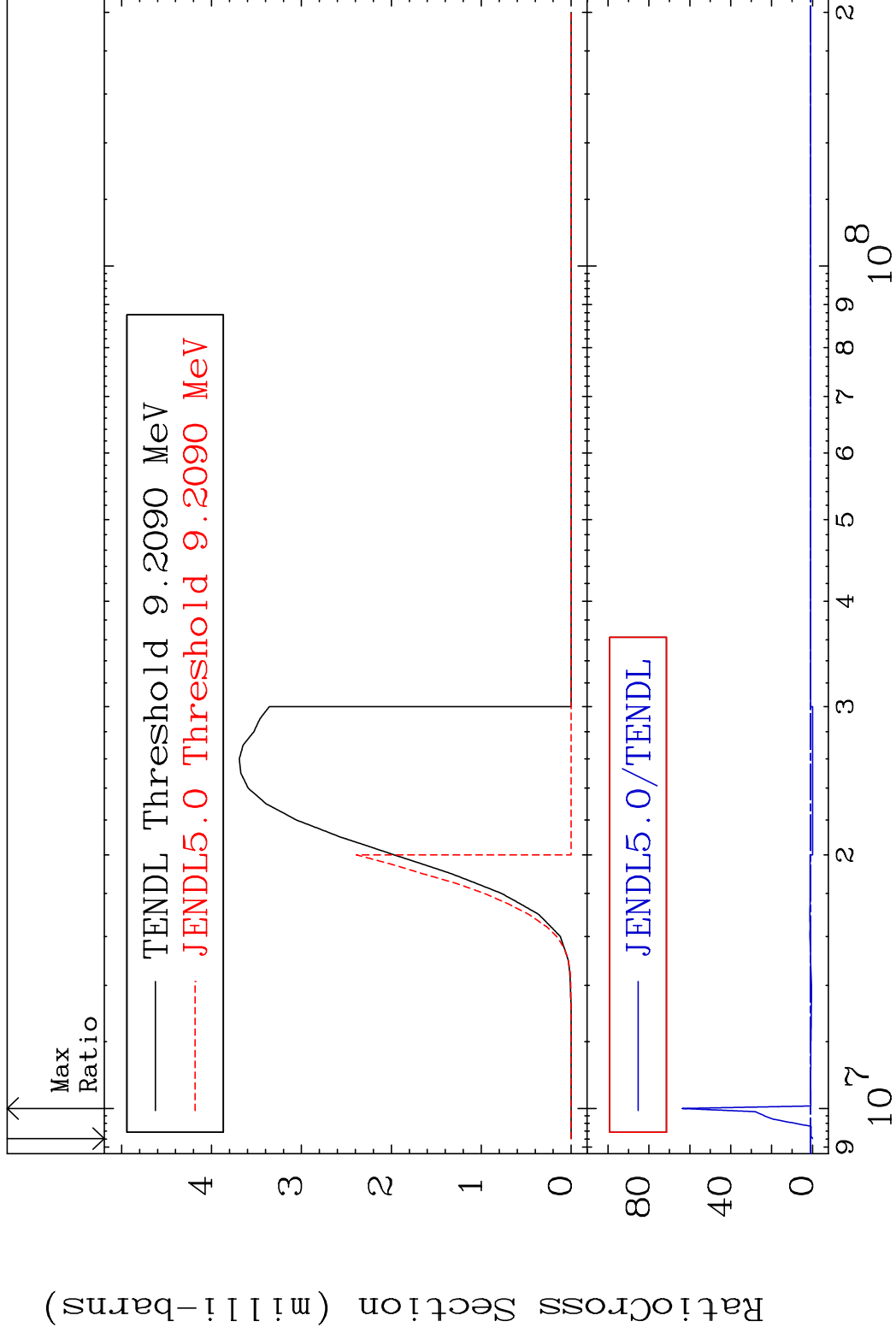
29-Cu-67

MAT 2937

(n, t)

29-Cu-67

Cross Section -100.0 To 6266. %



42

Incident Energy (eV)

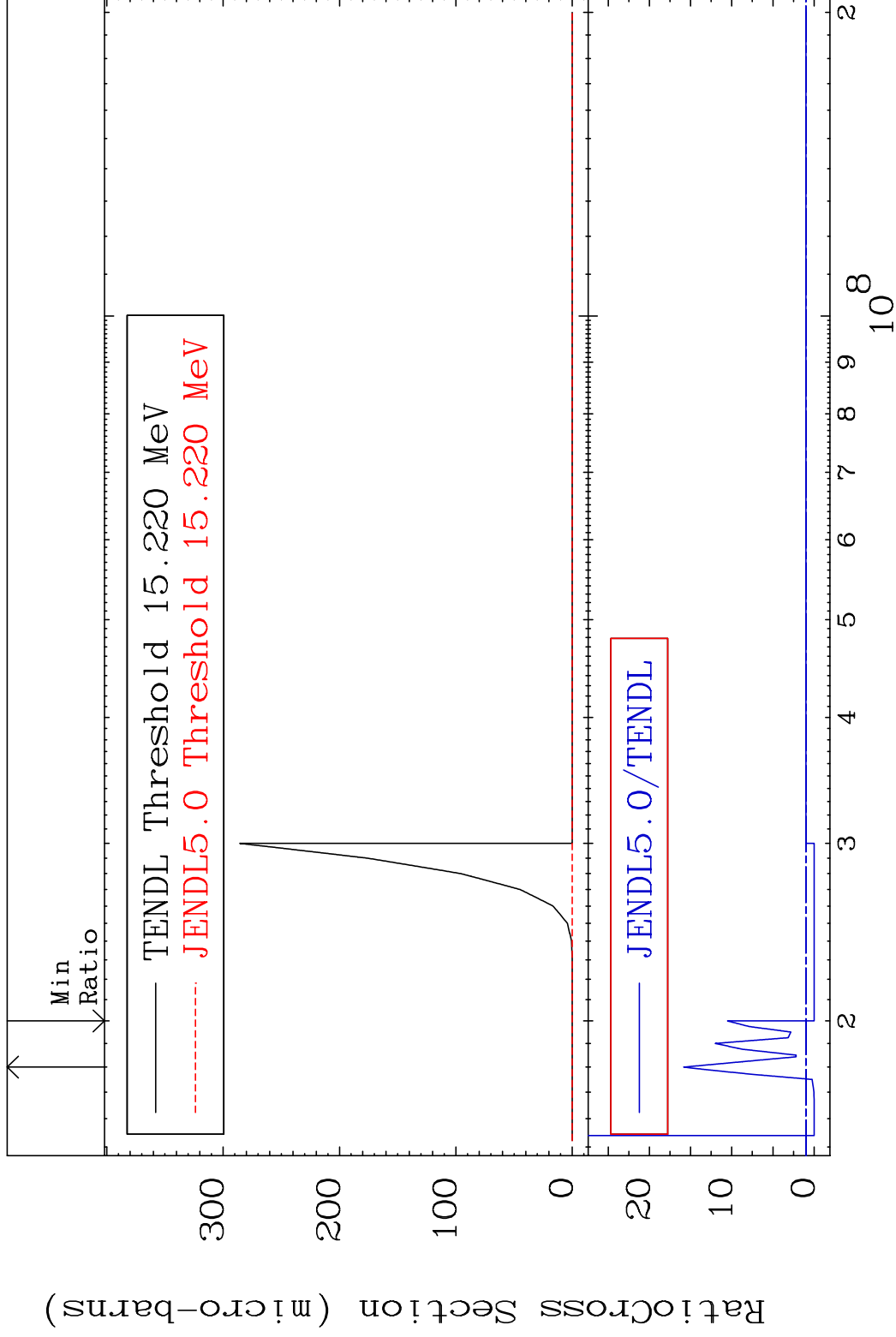
29-Cu-67

MAT 2937

(n, He-3)

²⁹Cu-67

Cross Section -100.0 To 1484. %

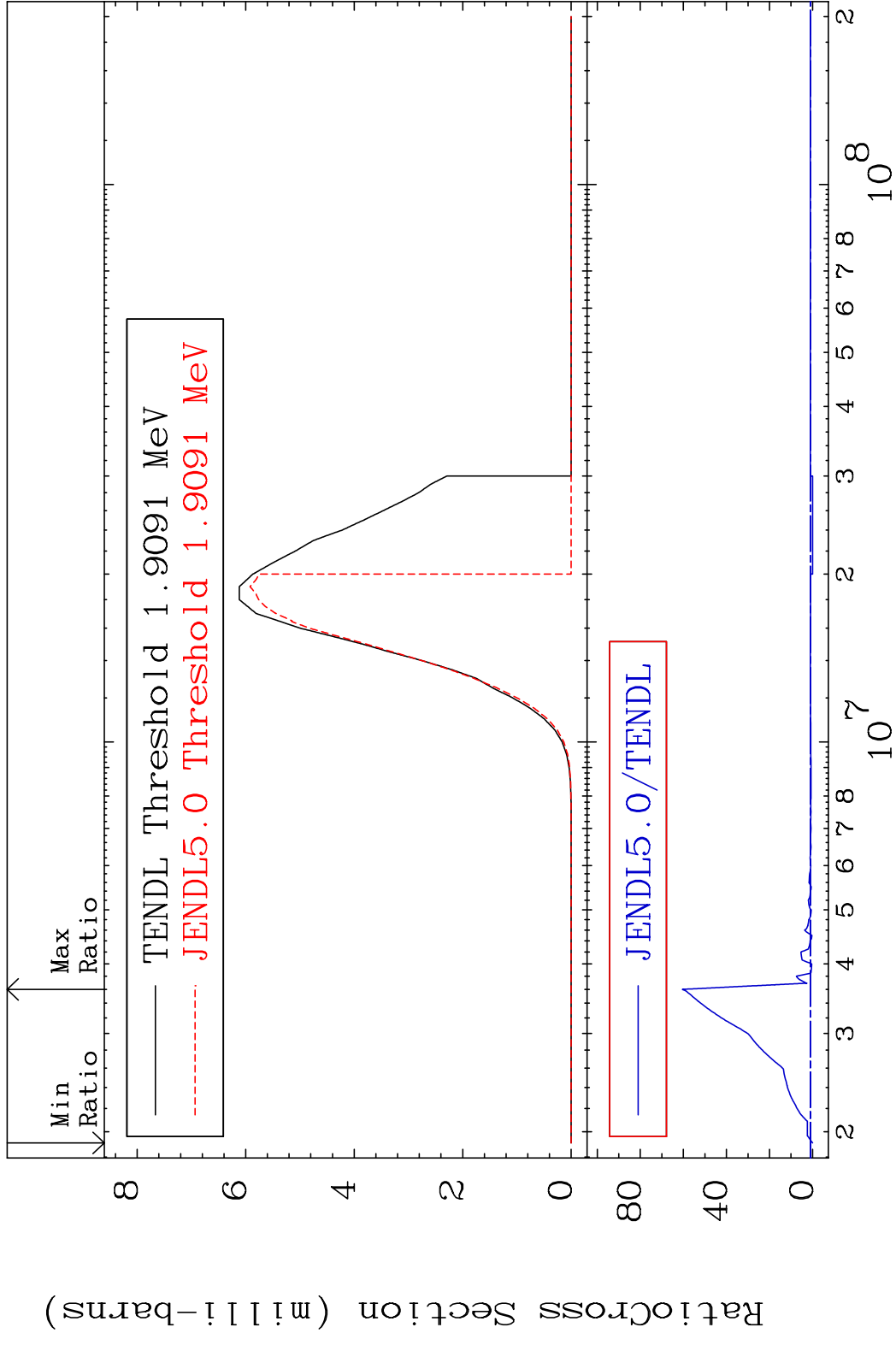


43

Incident Energy (eV)

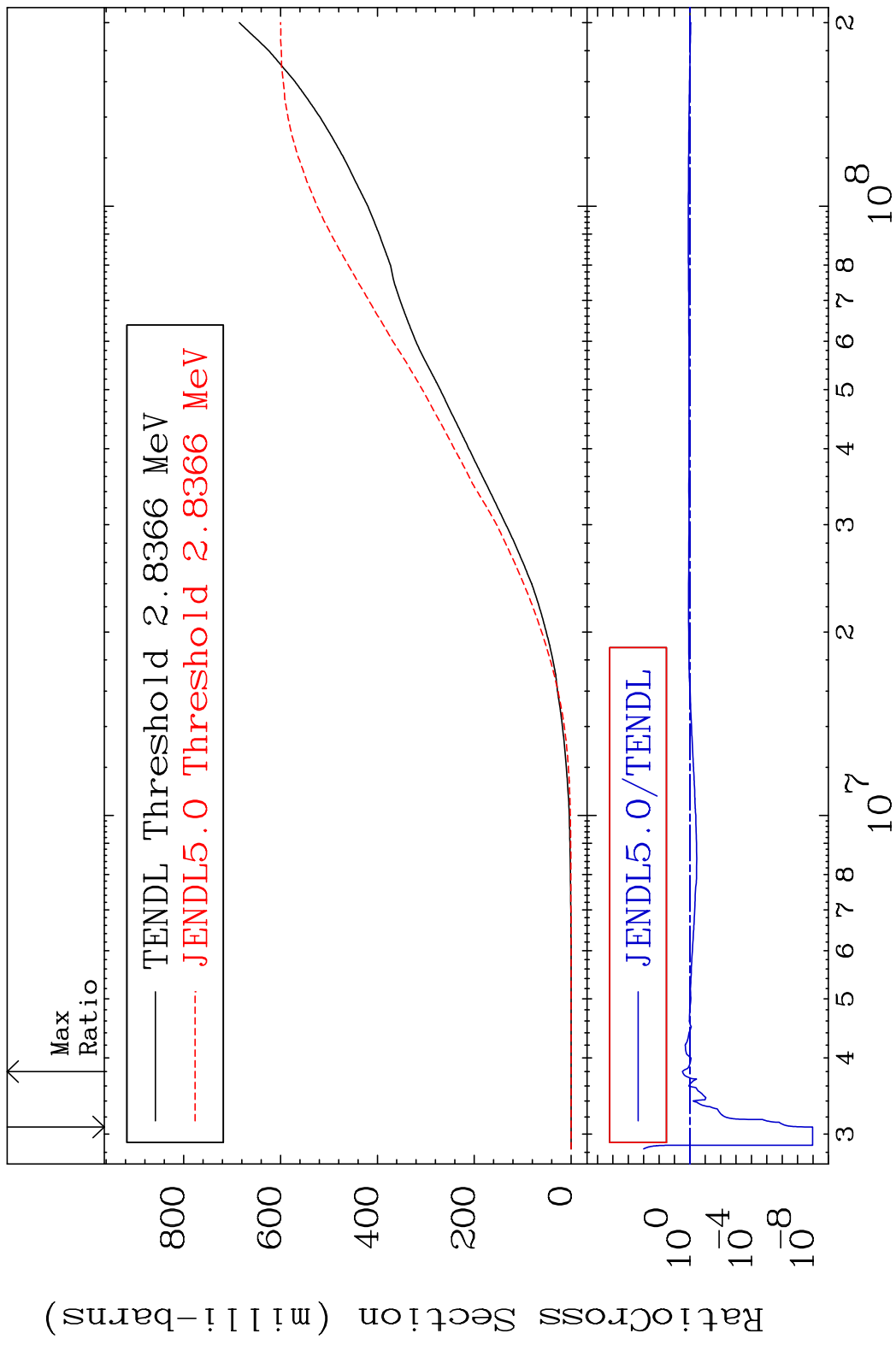
²⁹Cu-67

MAT 2937 (n, α) 29-Cu-67
 Cross Section -100.0 To 5947. %



44 Incident Energy (eV) 29-Cu-67

MAT 2937 Hydrogen Production 29-Cu-67
 Cross Section -100.0 To 206.2 %



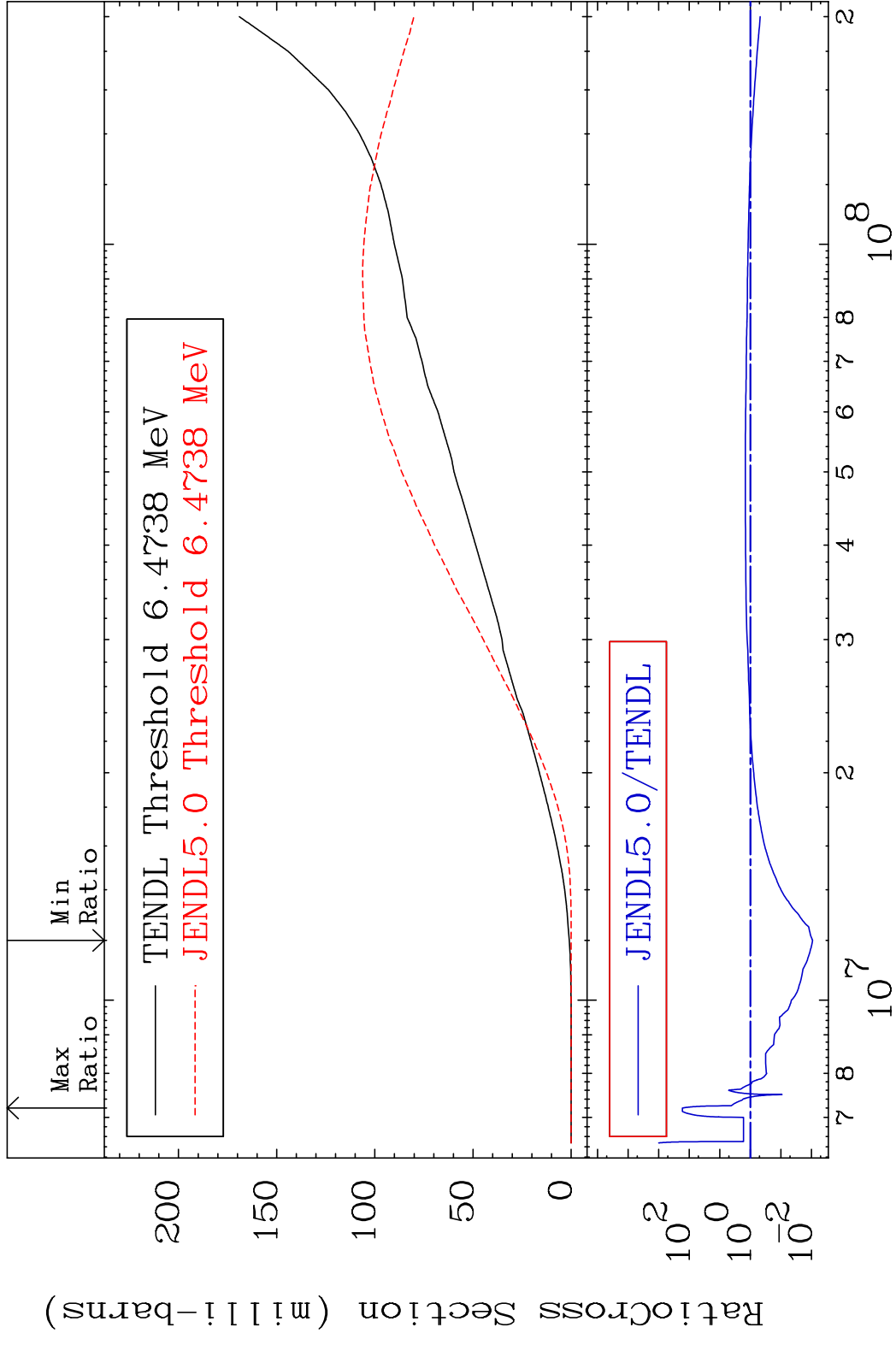
45 Incident Energy (eV) 29-Cu-67

MAT 2937

Deuterium Production

29-Cu-67

Cross Section -99.08 To 9999. %



46

Incident Energy (eV)

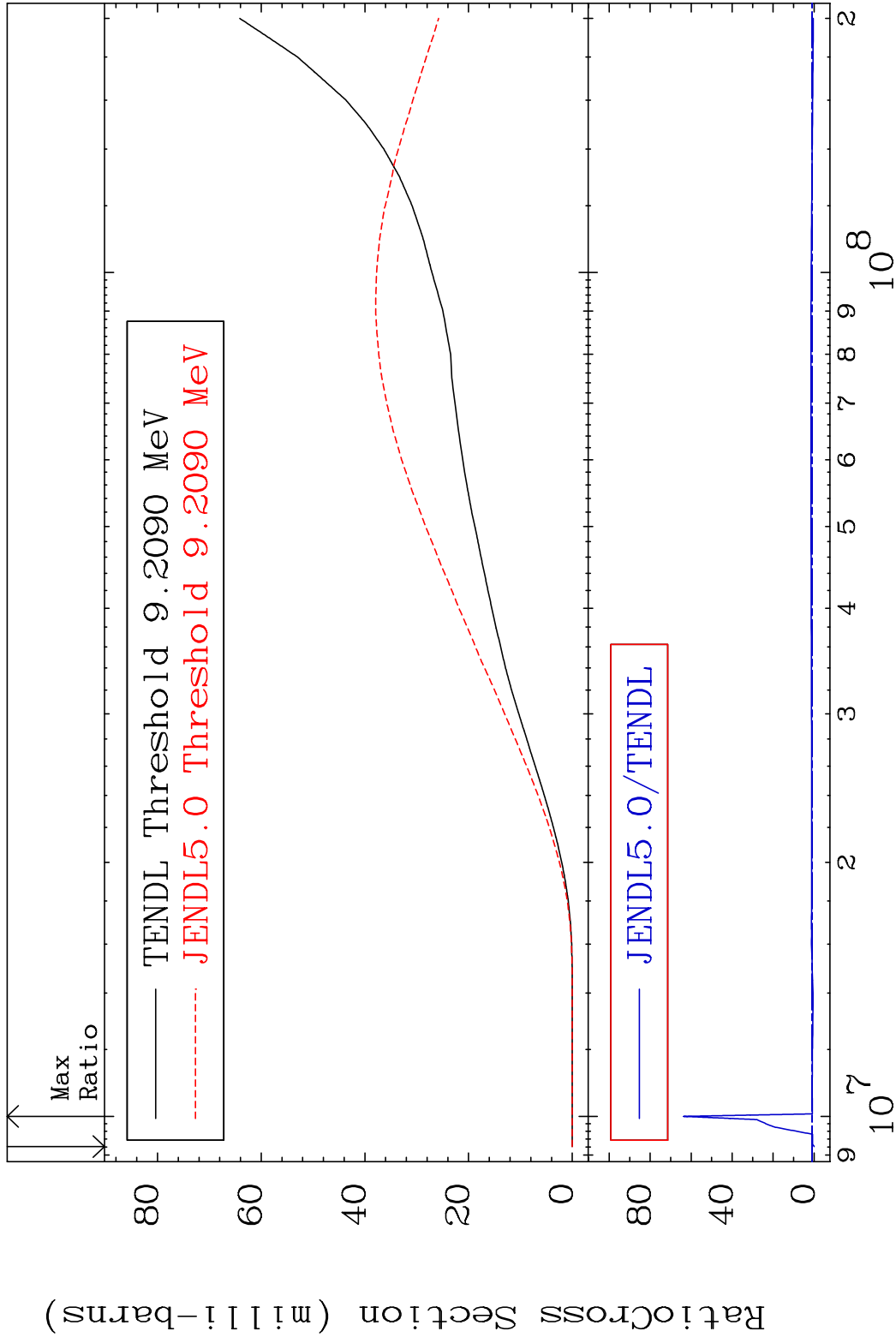
29-Cu-67

MAT 2937

Tritium Production

29-Cu-67

Cross Section -100.0 To 6266. %



47

Incident Energy (eV)

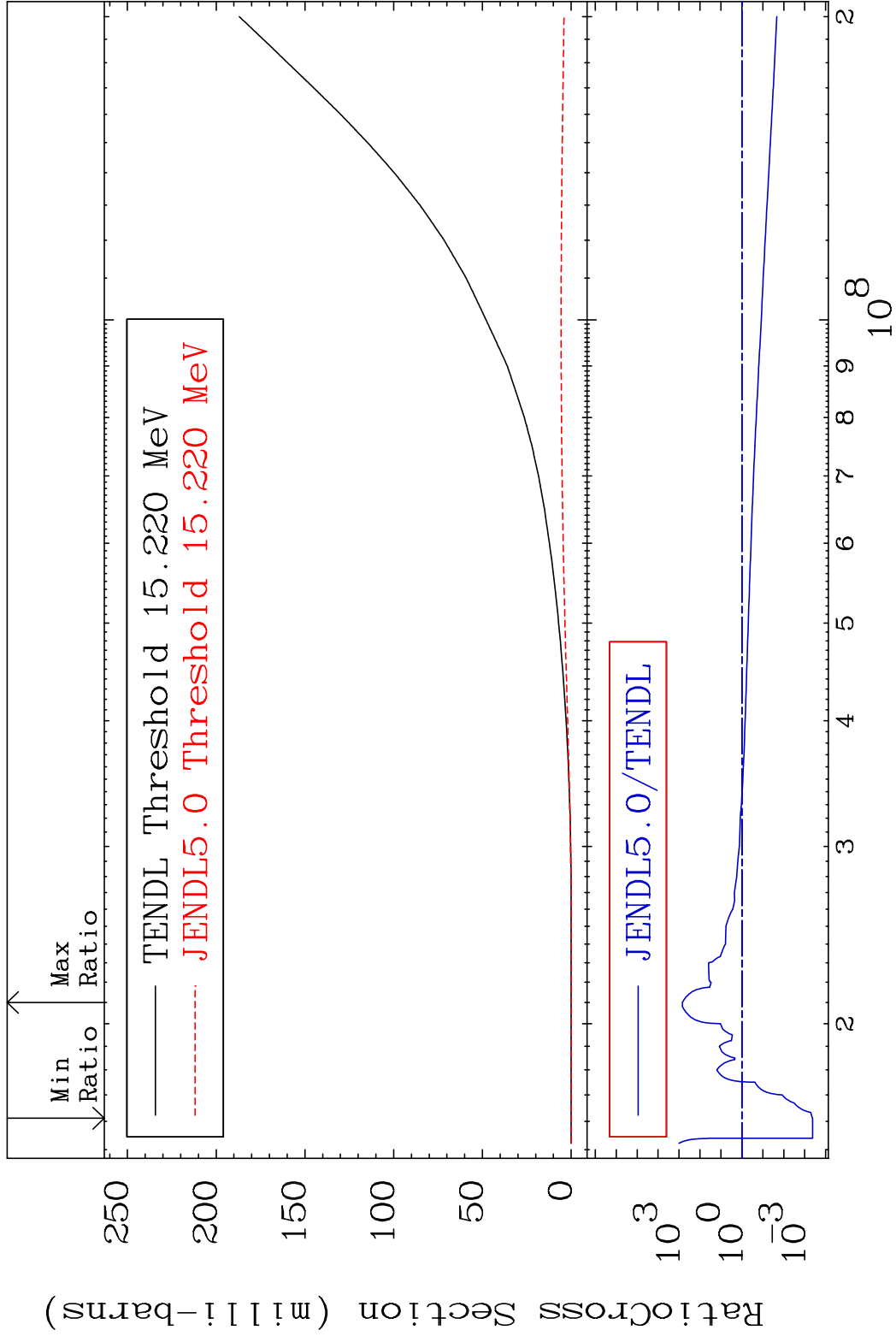
29-Cu-67

MAT 2937

He-3 Production

29-Cu-67

Cross Section -99.96 To 9999. %



48

Incident Energy (eV)

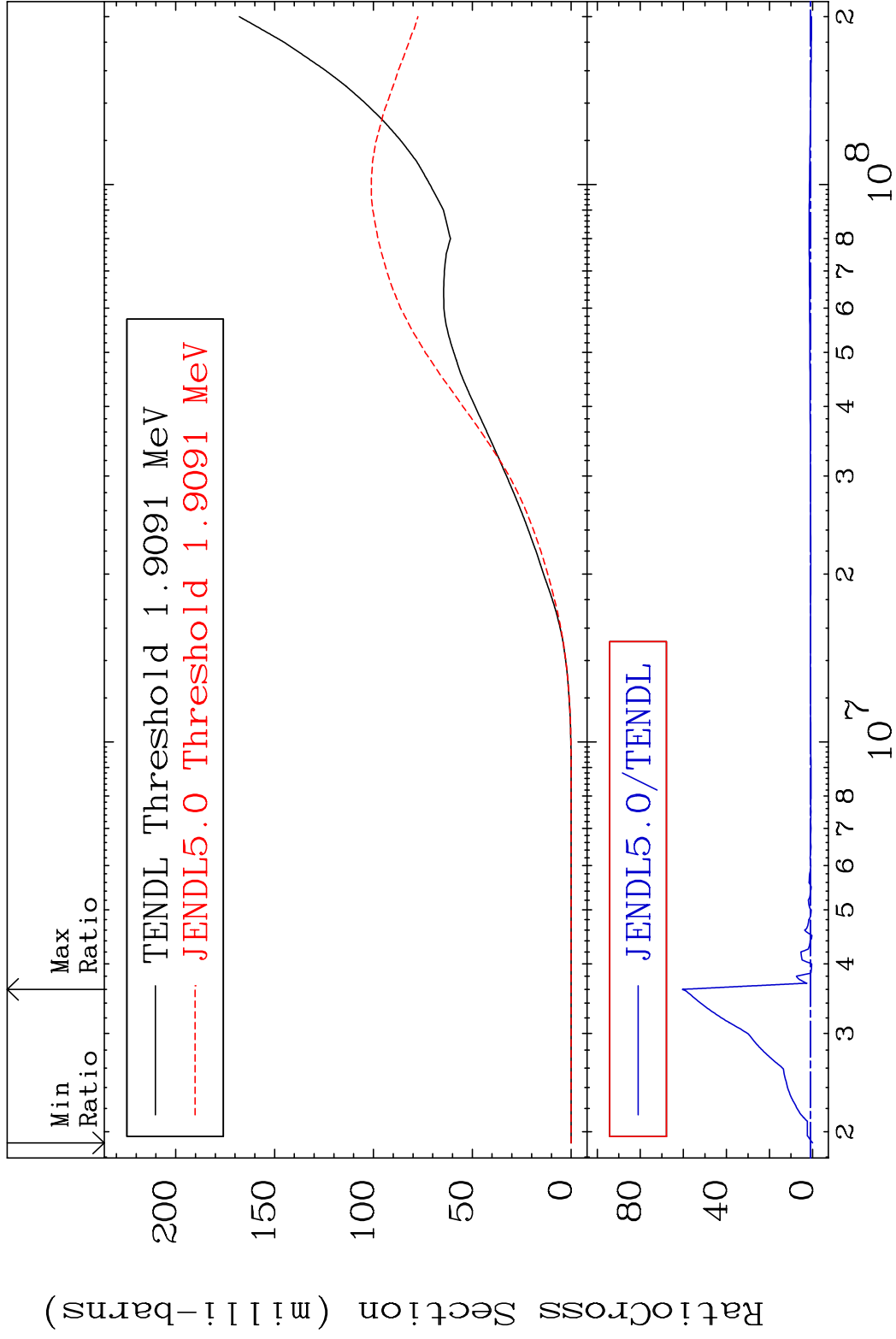
29-Cu-67

MAT 2937

He-4 Production

29-Cu-67

Cross Section -100.0 To 5947. %



49

Incident Energy (eV)

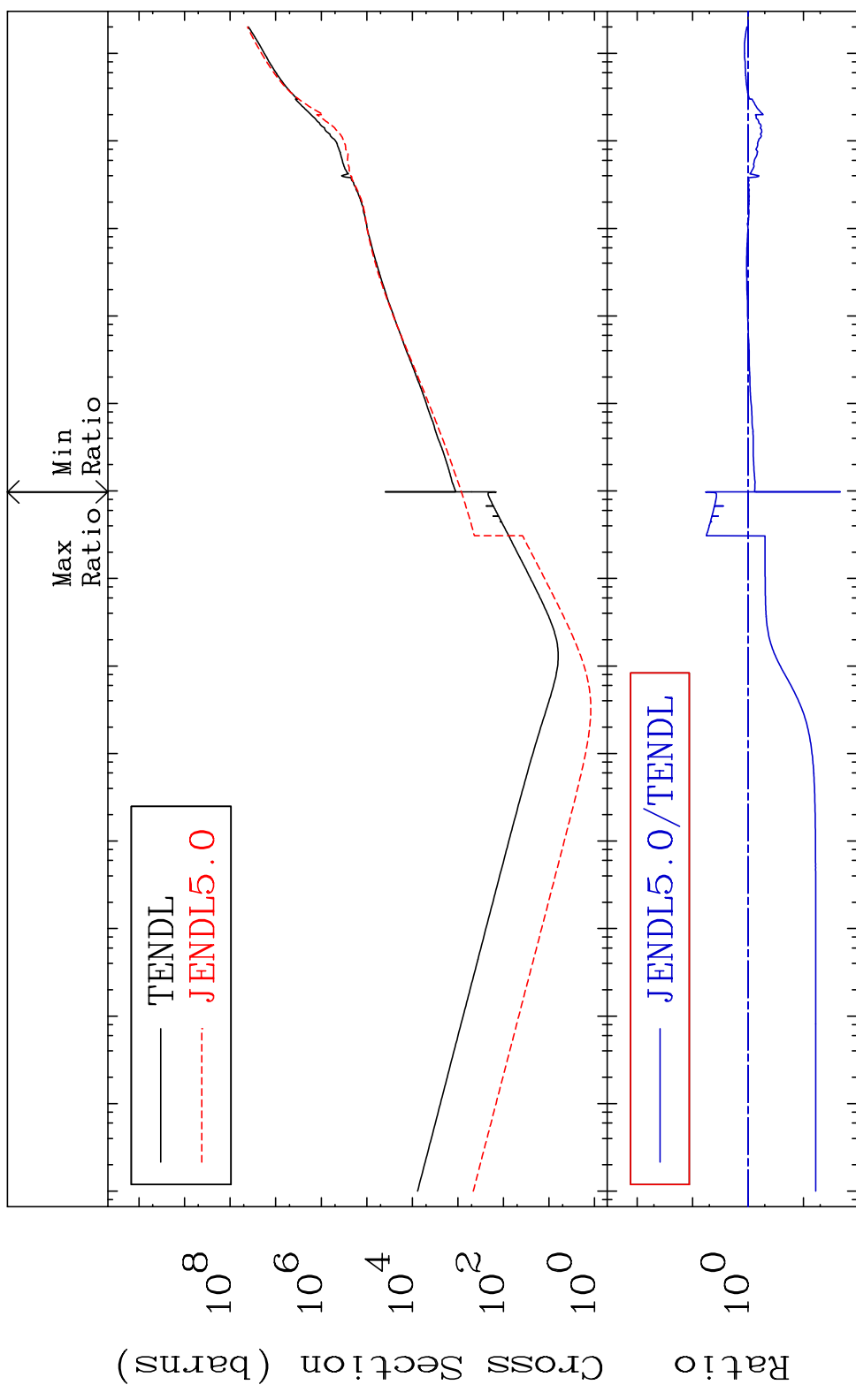
29-Cu-67

MAT 2937

Kerma total (eV-barns)

29-Cu-67

Cross Section -97.85 To 479.4 %



Ratio

50

Incident Energy (eV)

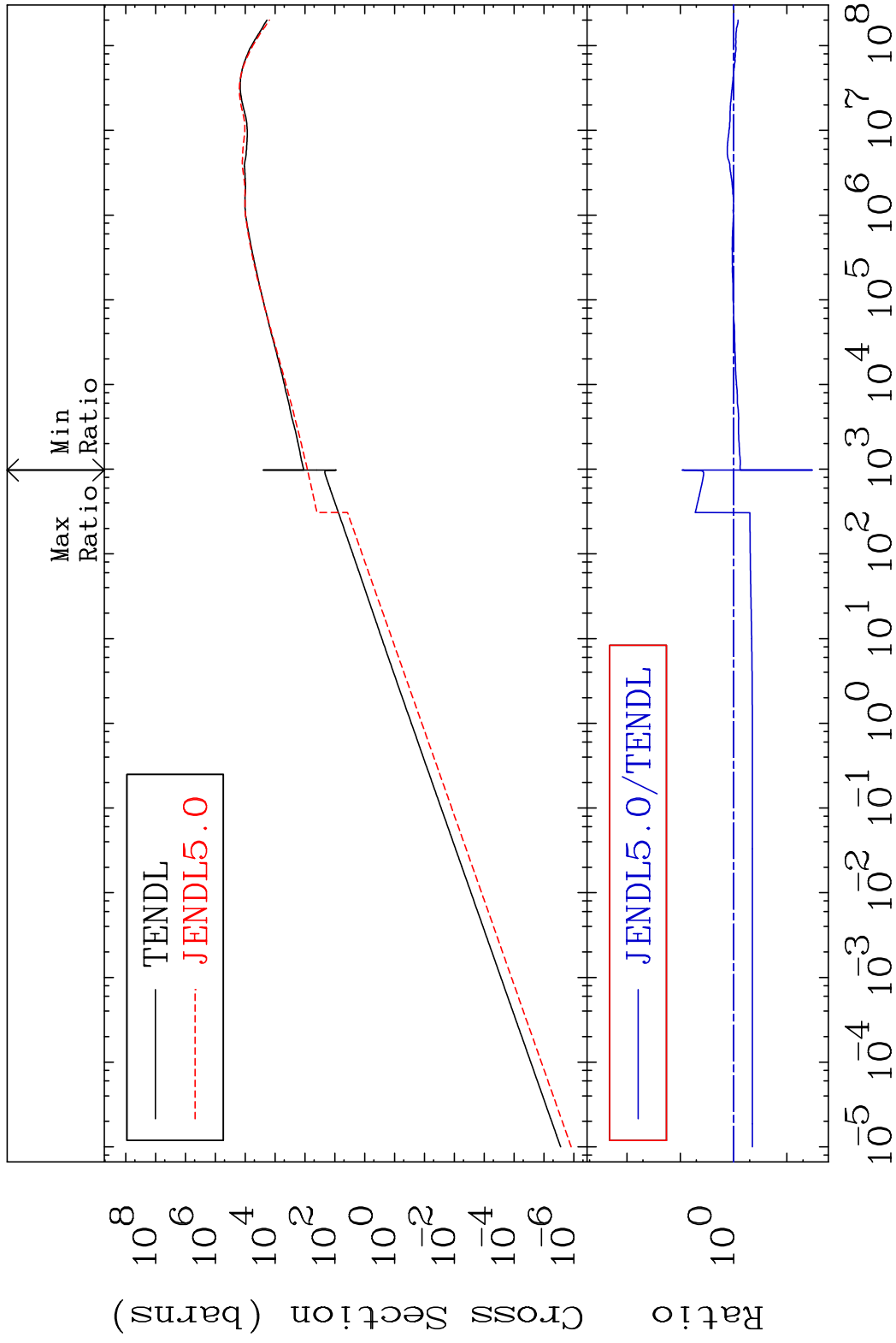
29-Cu-67

MAT 2937

Kerma elastic

29-Cu-67

Cross Section -96.69 To 813.7 %

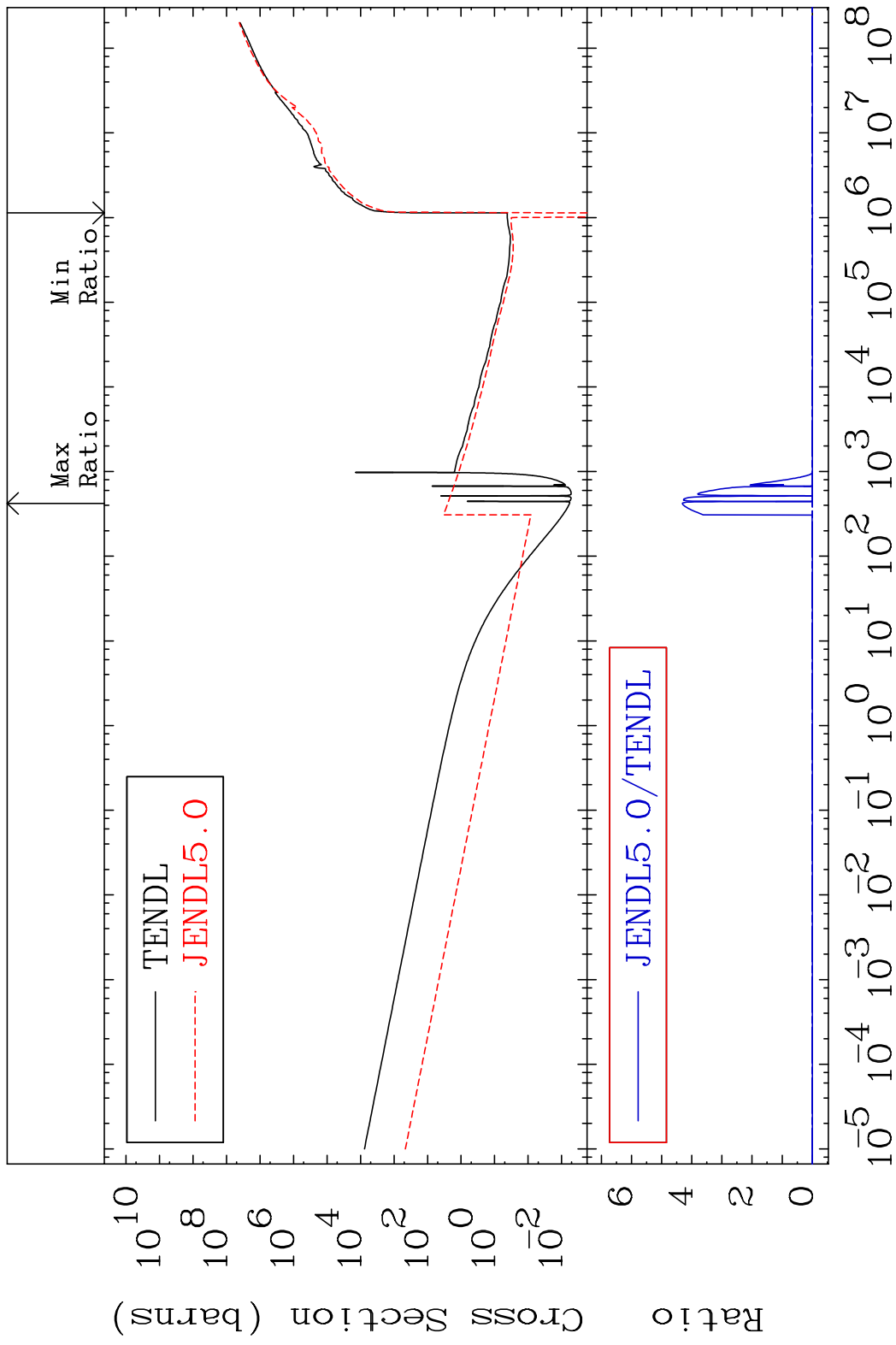


51

Incident Energy (eV)

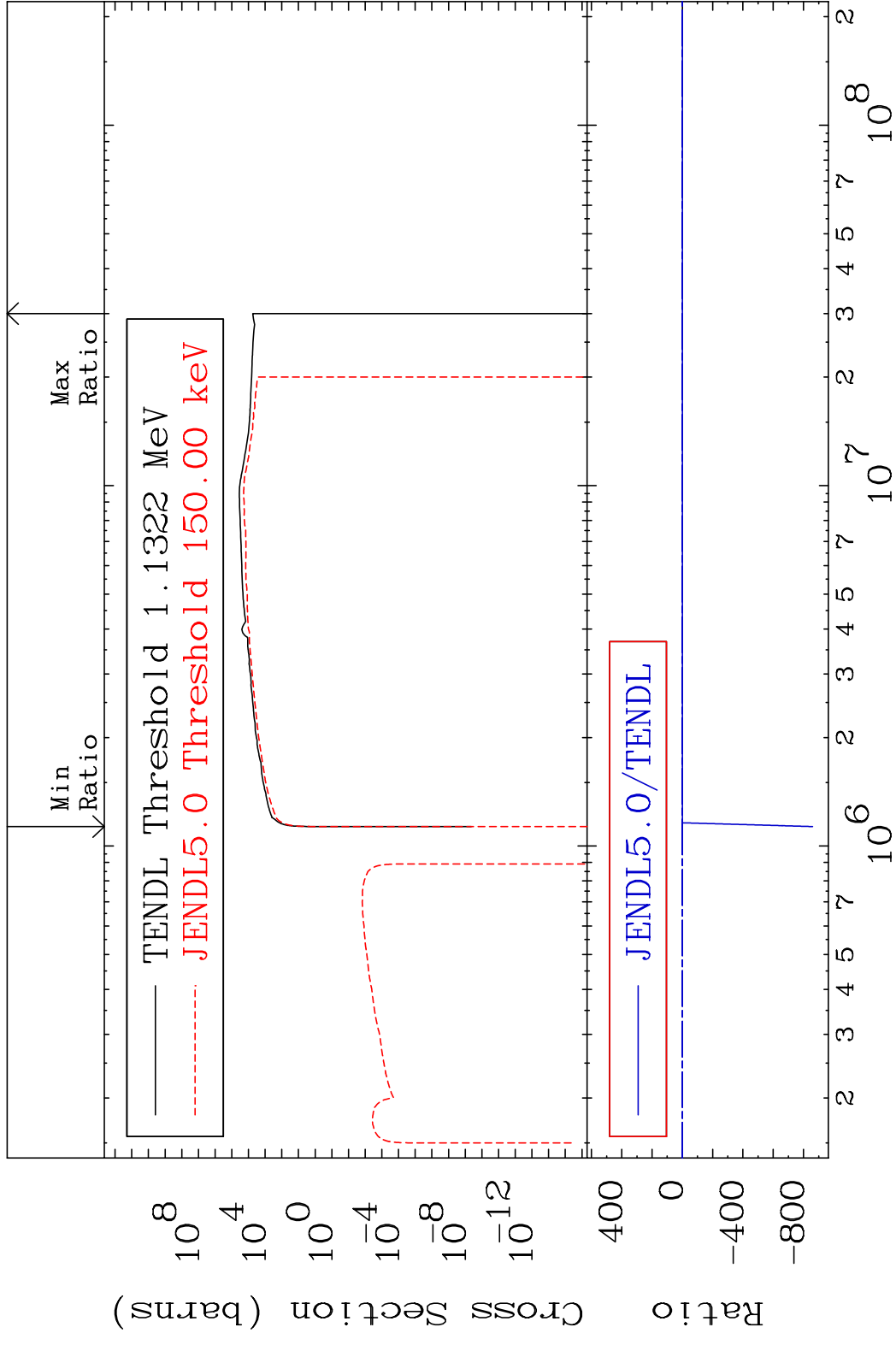
29-Cu-67

MAT 2937 Kerma non-elastic (all but mt2) 29-Cu-67
 Cross Section -913.7 To 9999. %

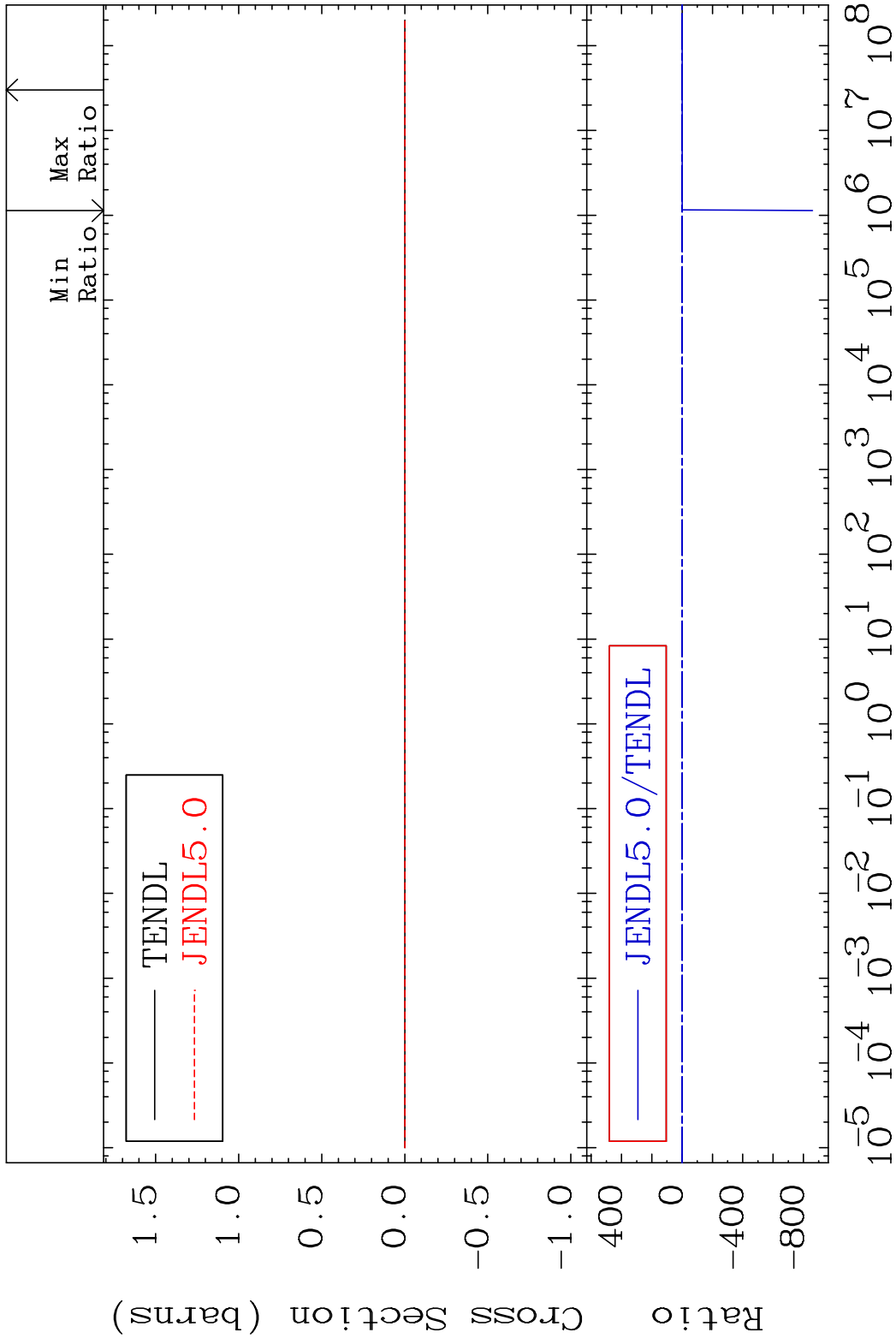


52 Incident Energy (eV) 29-Cu-67

MAT 2937 Kerma inelastic (mt51-91) 29-Cu-67
 Cross Section -9999. To 0.000 %



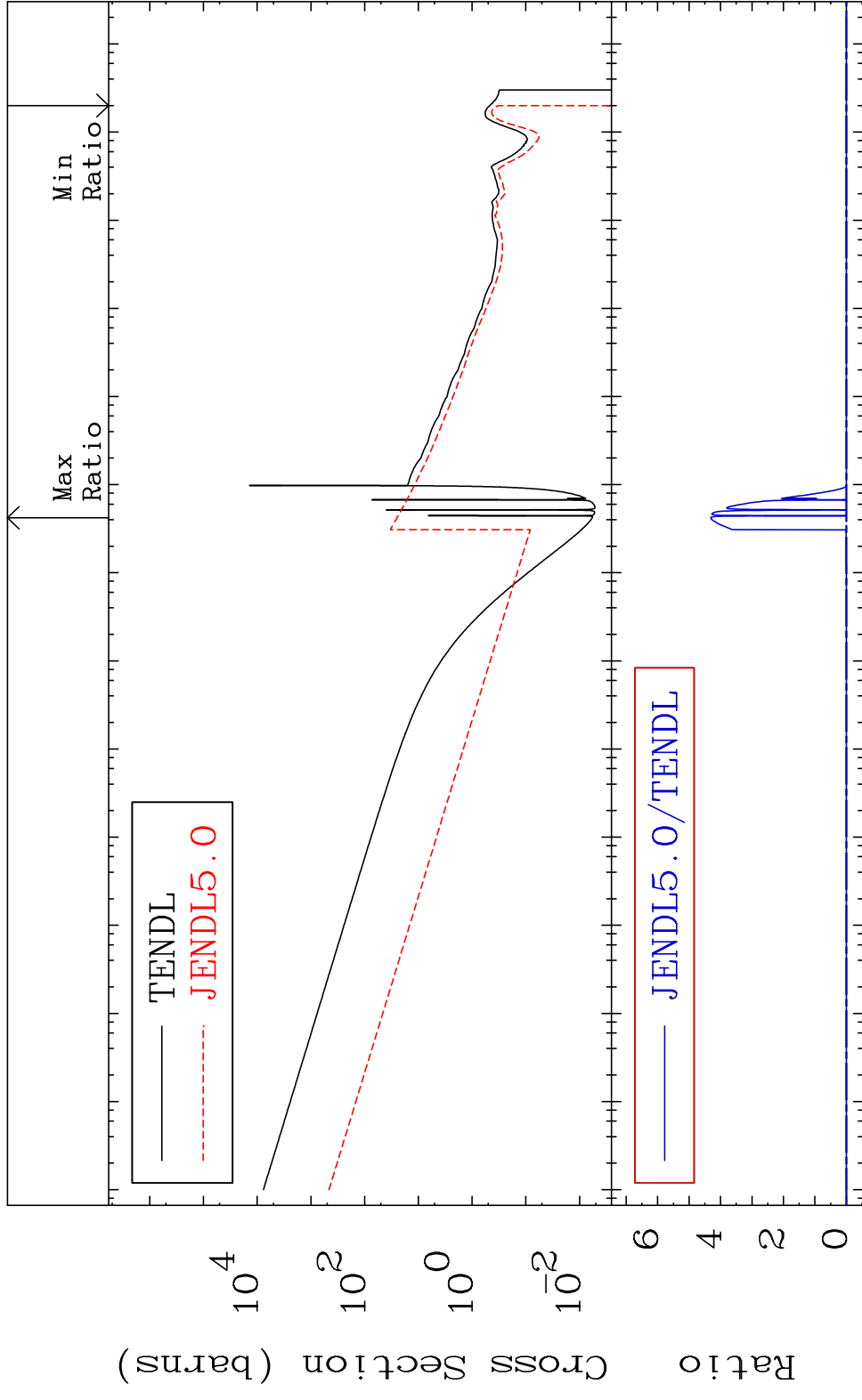
MAT 2937 Kerma fission (mt18 or mt19-20-21-38) 29-Cu-67
 Cross Section -9999. To 0.000 %



MAT 2937

Kerma capture (mt102) 29-Cu-67

Cross Section -100.0 To 9999. %

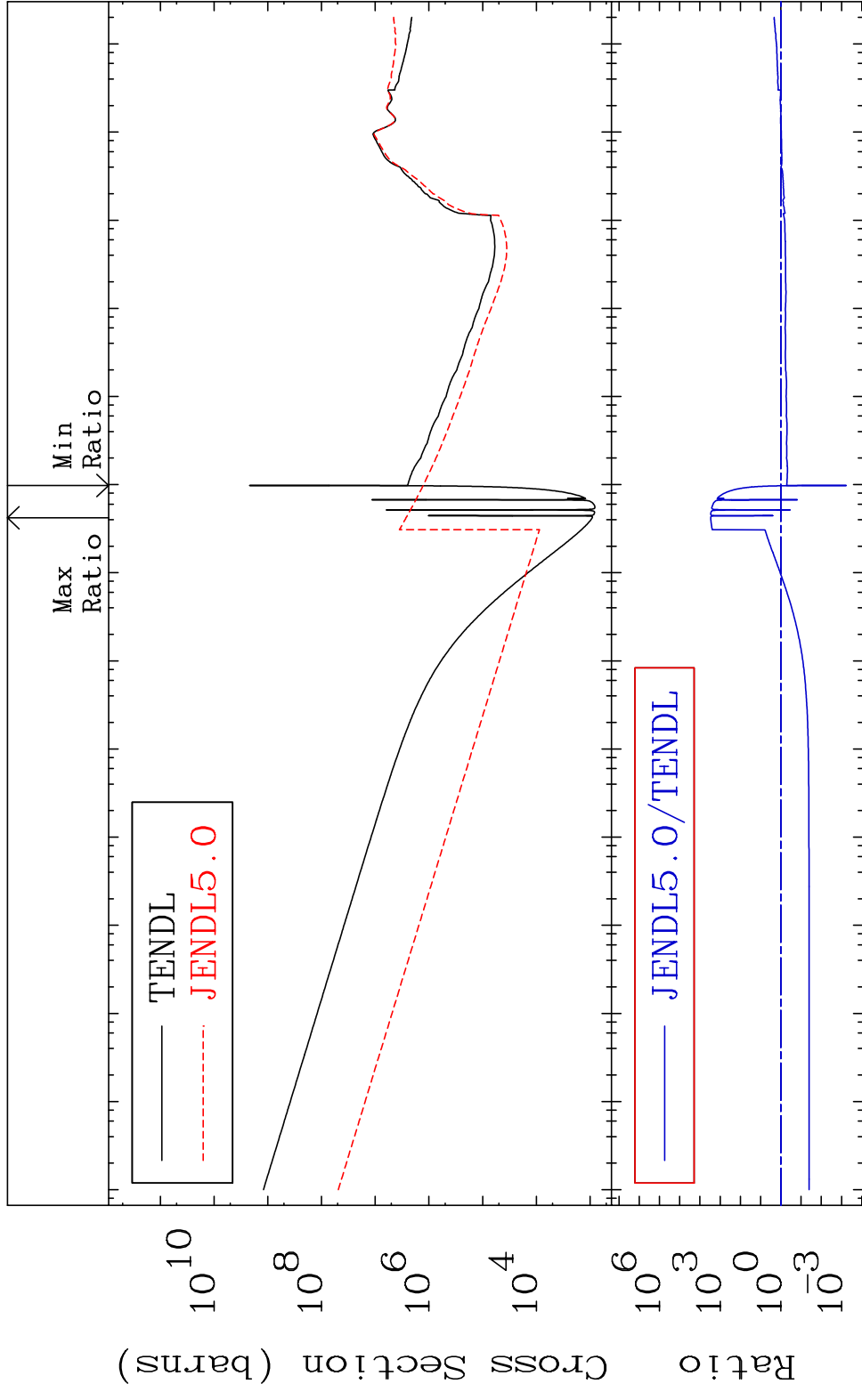


55

Incident Energy (eV)

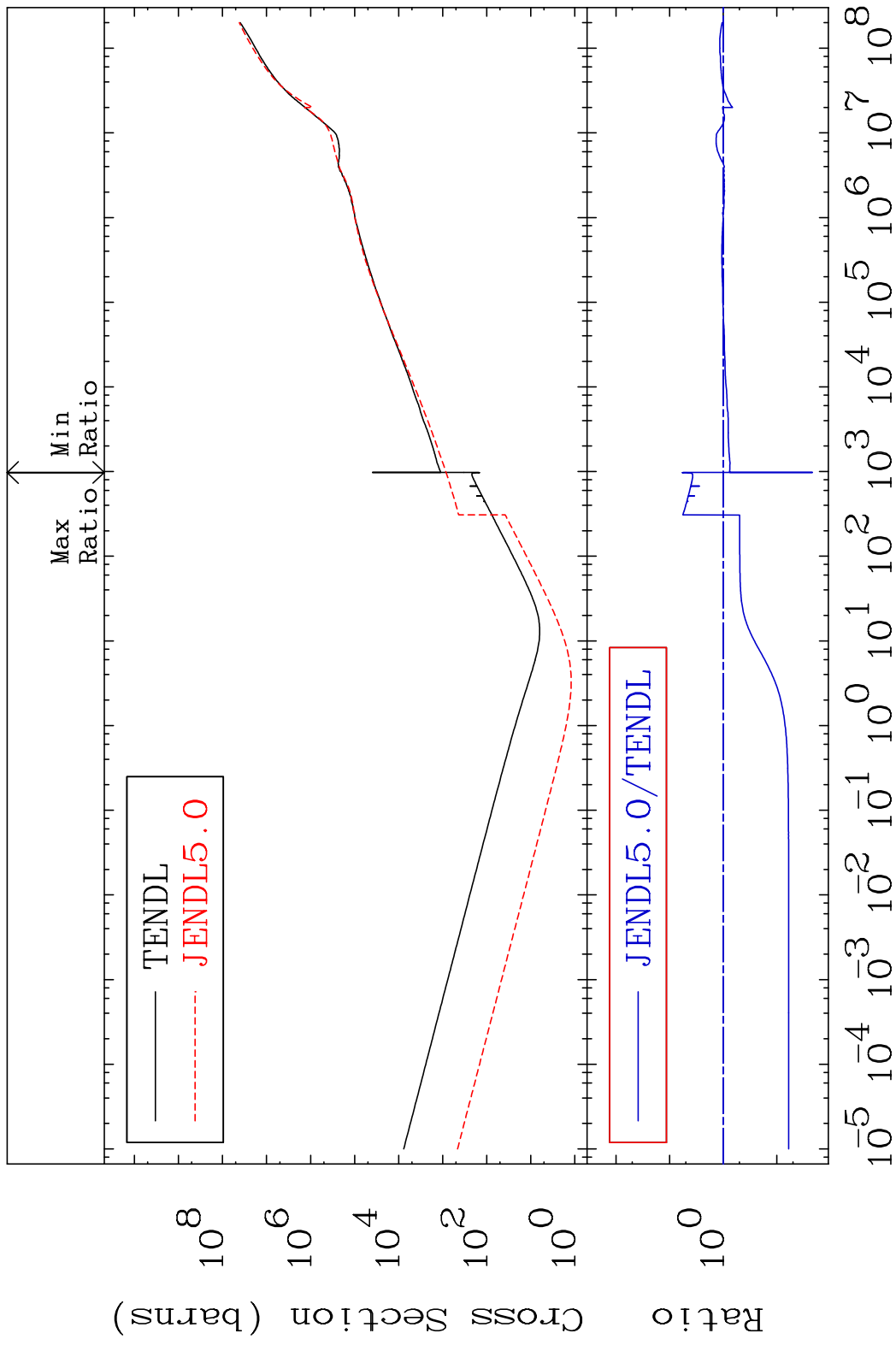
29-Cu-67

MAT 2937 Total photon (eV-barns) 29-Cu-67
 Cross Section -99.94 To 9999. %



56 Incident Energy (eV) 29-Cu-67

MAT 2937 Total kinematic kerma (high limit) 29-Cu-67
 Cross Section -97.85 To 479.4 %

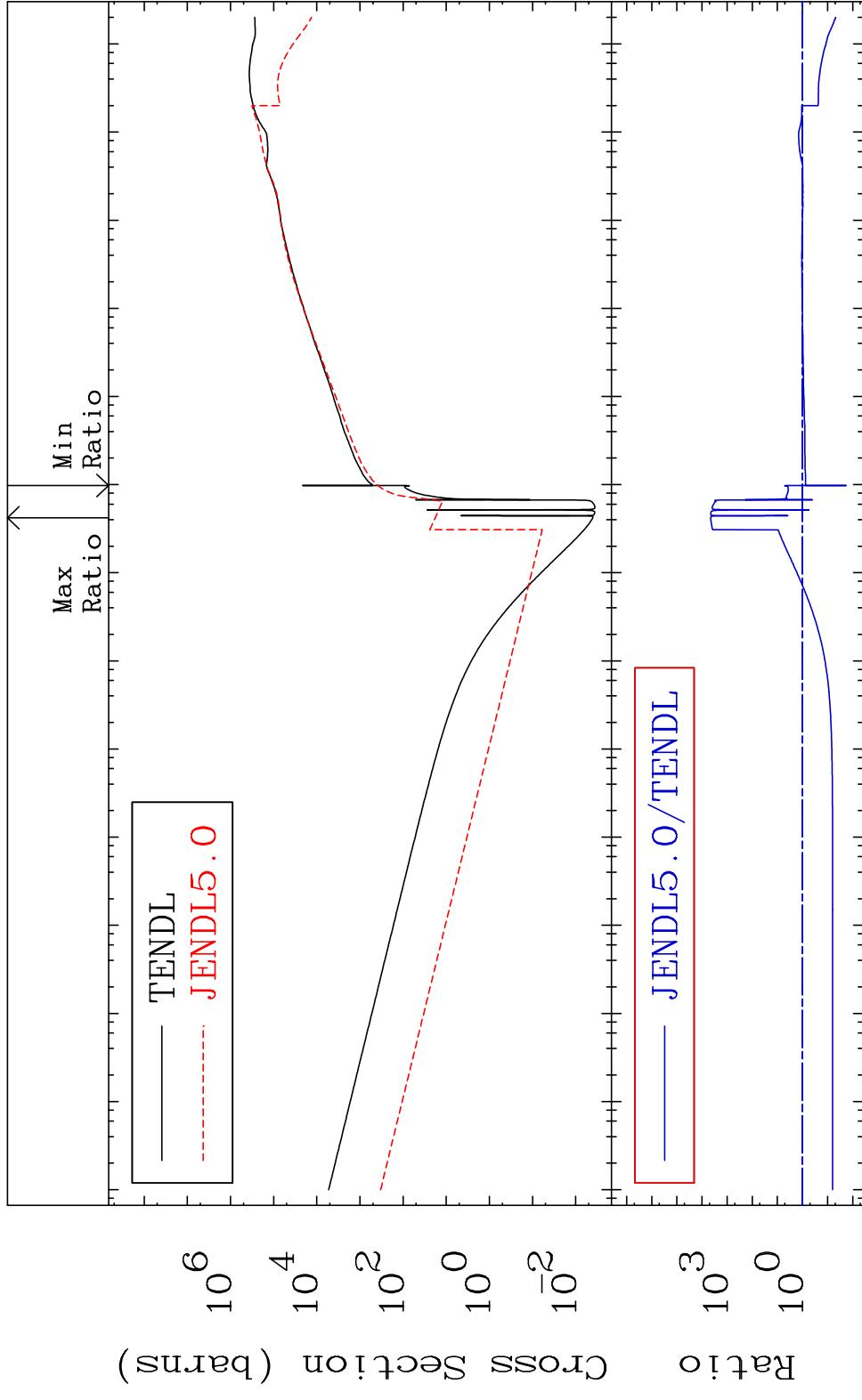


MAT 2937

Dpa total (eV-barns)

29-Cu-67

Cross Section -98.21 To 9999. %

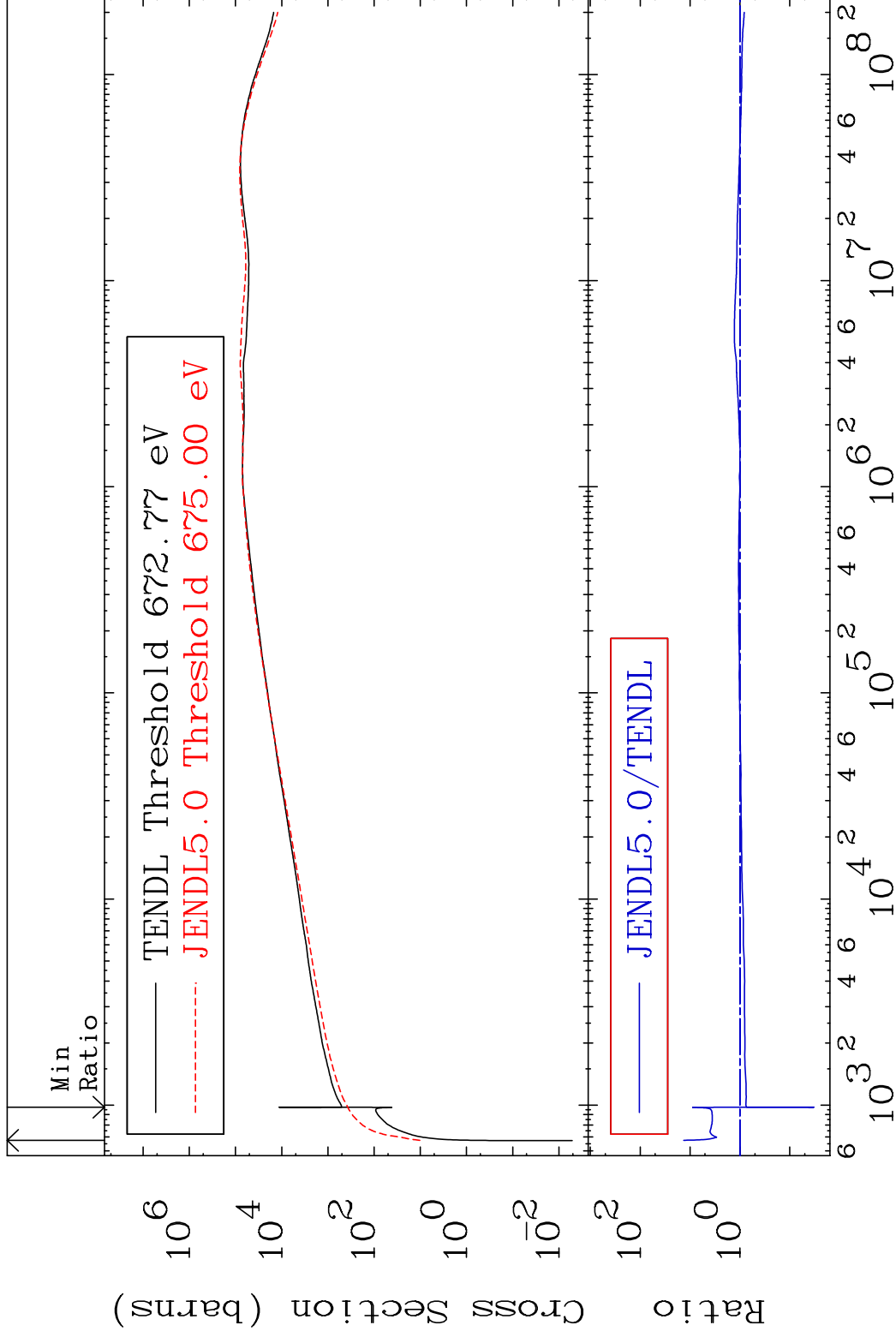


MAT 2937

Dpa elastic (mt2)

29-Cu-67

Cross Section -96.76 To 1243. %

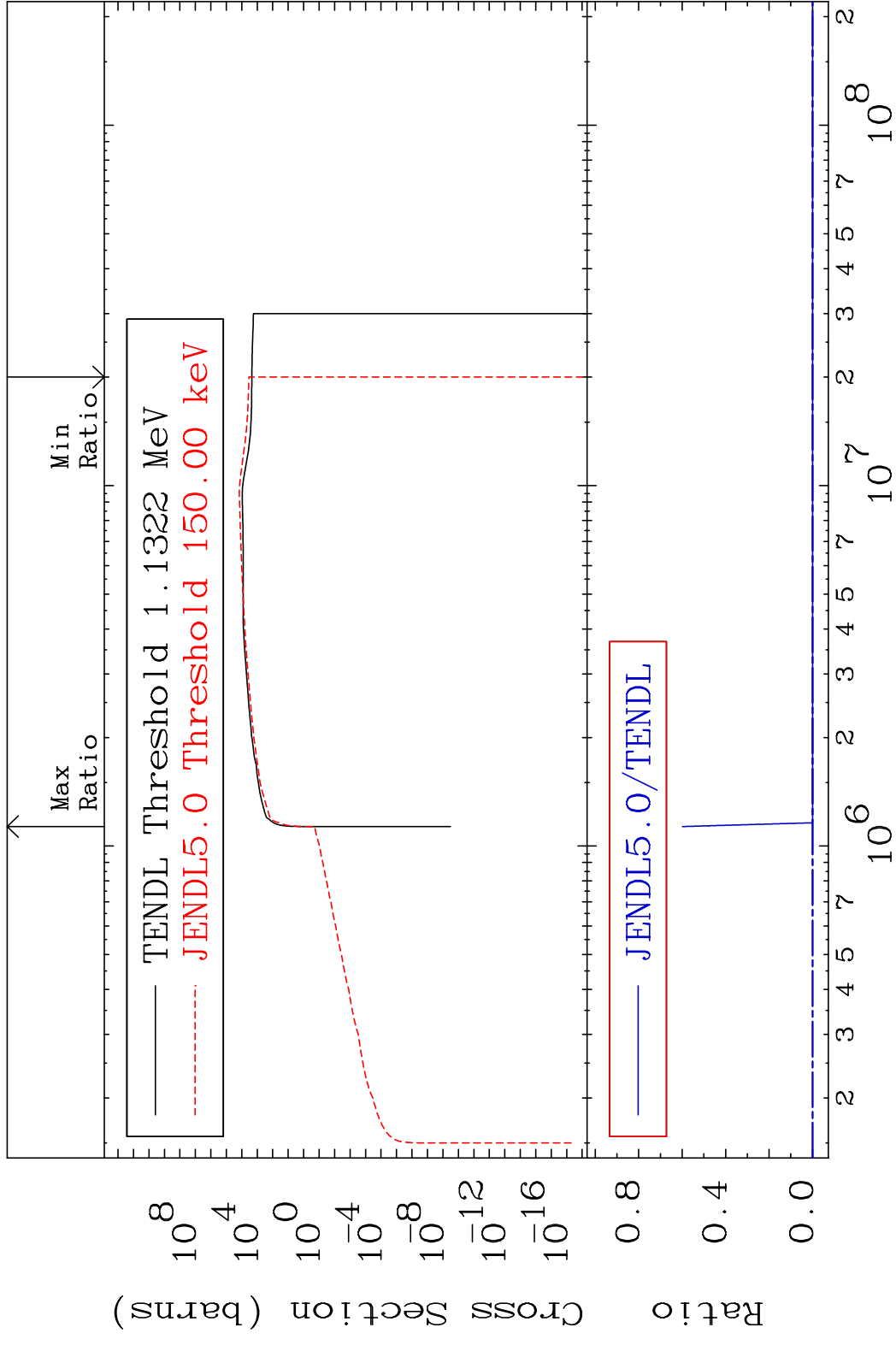


59

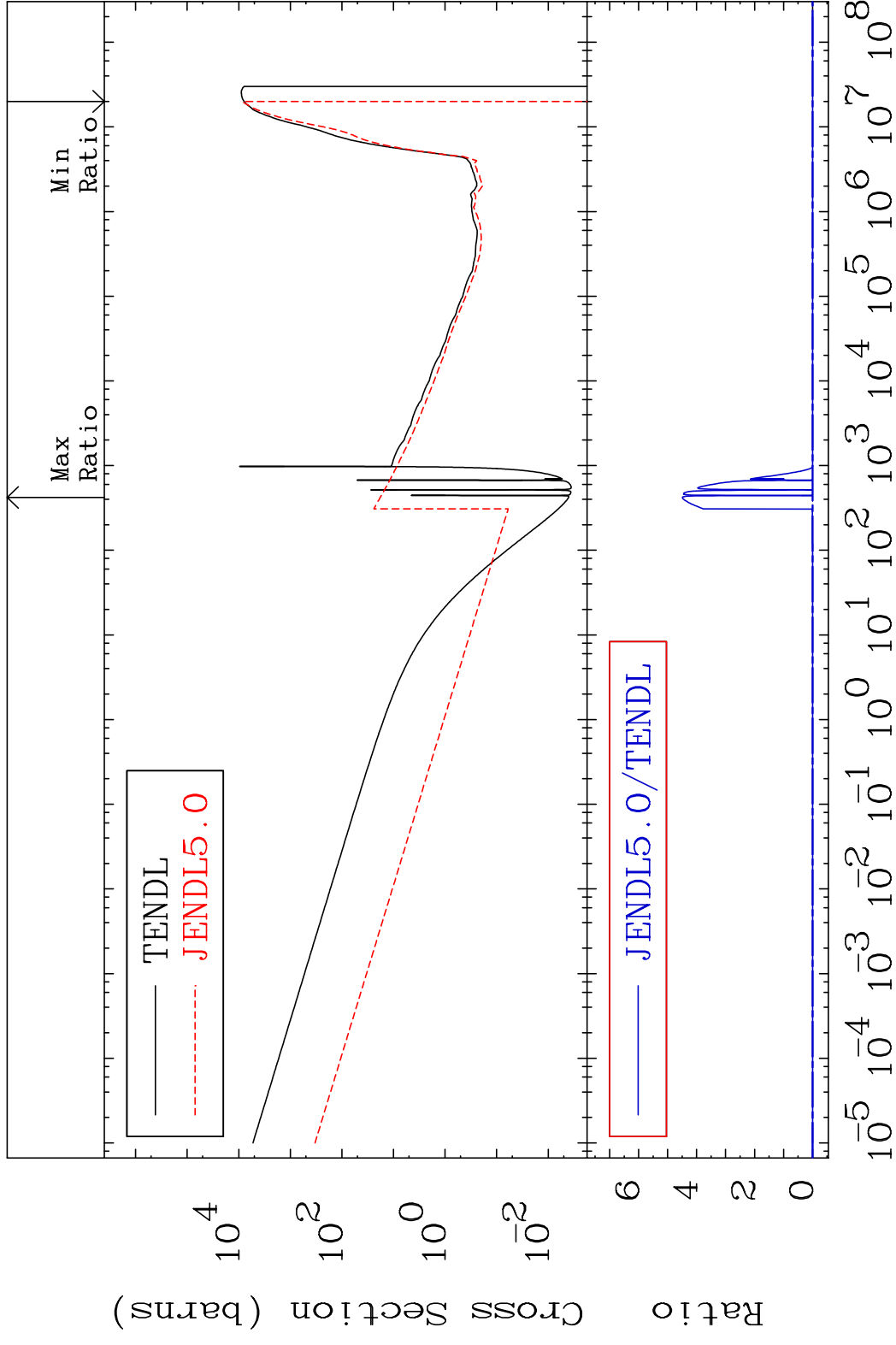
Incident Energy (eV)

29-Cu-67

MAT 2937 Dpa inelastic (mt51-91) 29-Cu-67
 Cross Section -100.0 To 9999. %



MAT 2937 Dpa disappearance (mt102 -120) 29-Cu-67
 Cross Section -100.0 To 9999. %



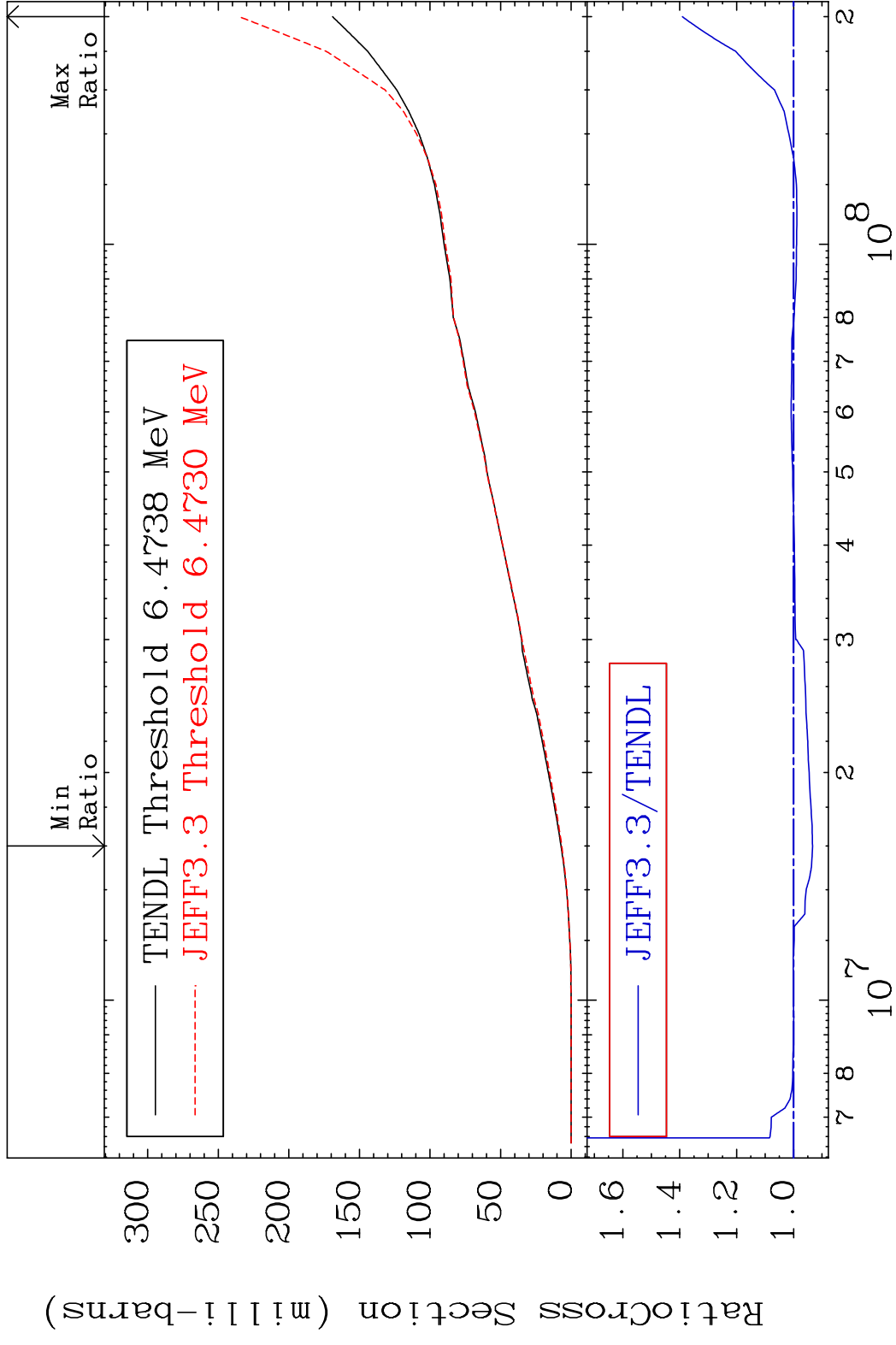
61 Incident Energy (eV) 29-Cu-67

MAT 2937

Deuterium Production

²⁹Cu-67

Cross Section -6.672 To 39.08 %



62

Incident Energy (eV)

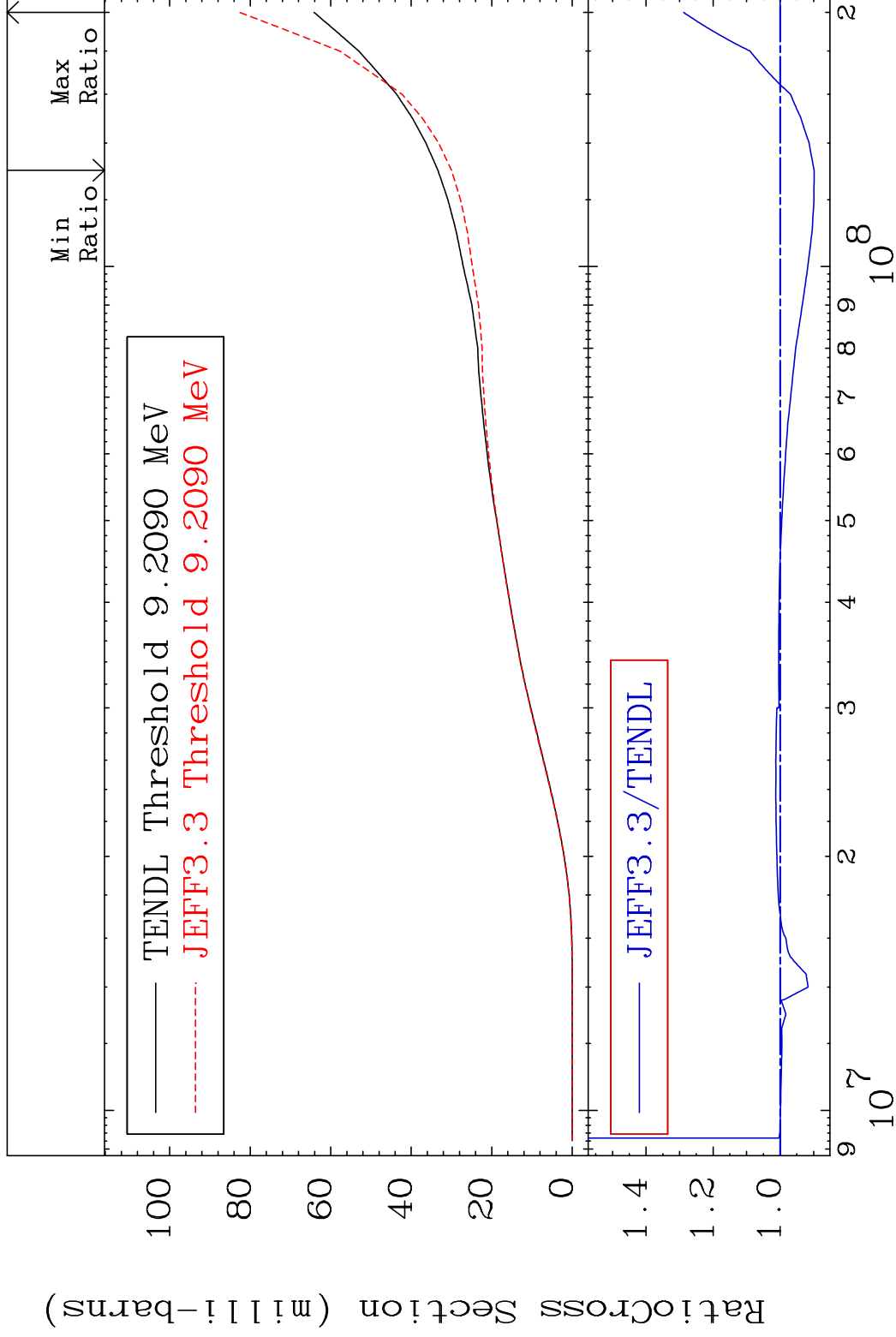
²⁹Cu-67

MAT 2937

Tritium Production

²⁹Cu-67

Cross Section -10.14 To 28.78 %



63

Incident Energy (eV)

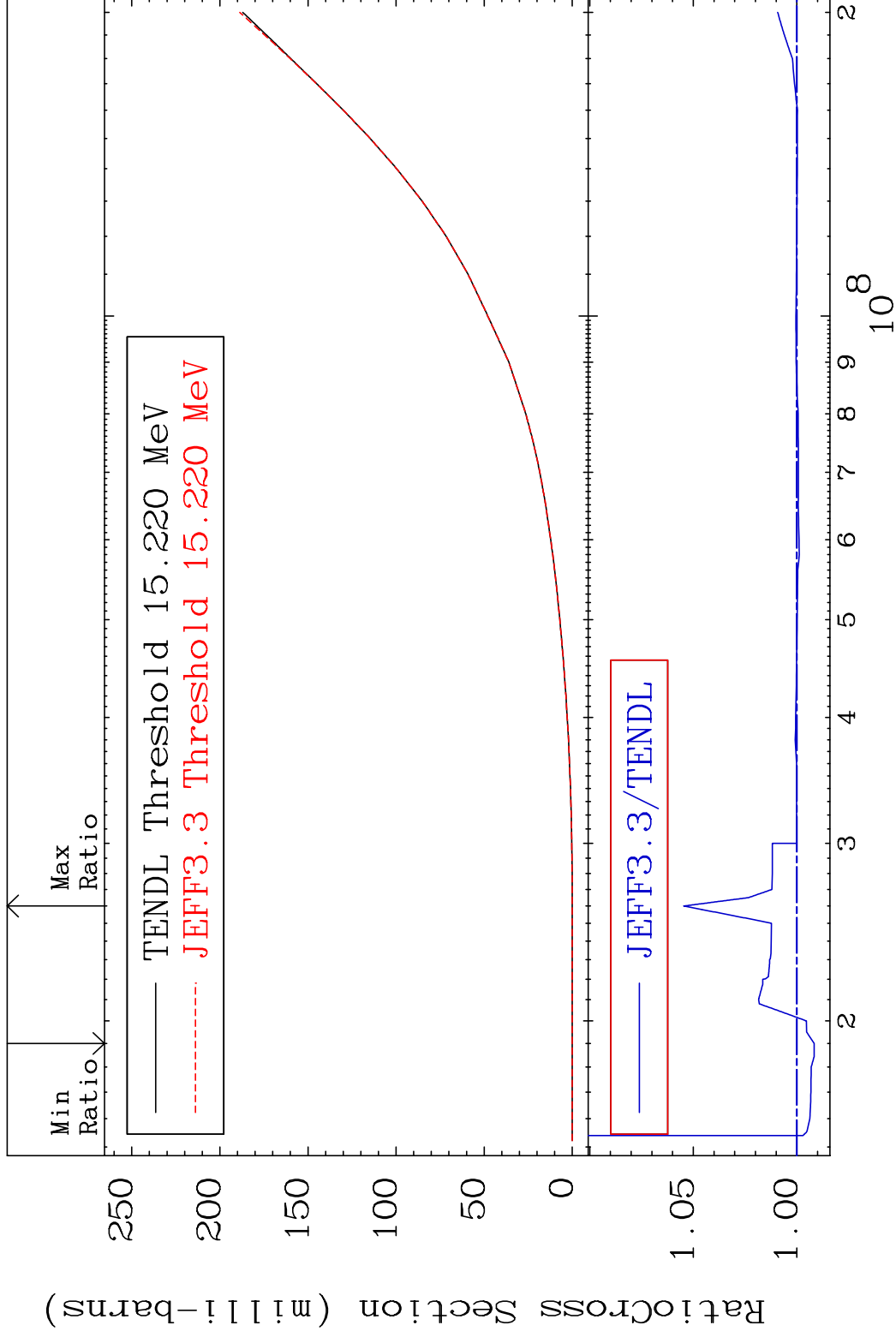
²⁹Cu-67

MAT 2937

He-3 Production

29-Cu-67

Cross Section -0.832 To 5.464 %



64

Incident Energy (eV)

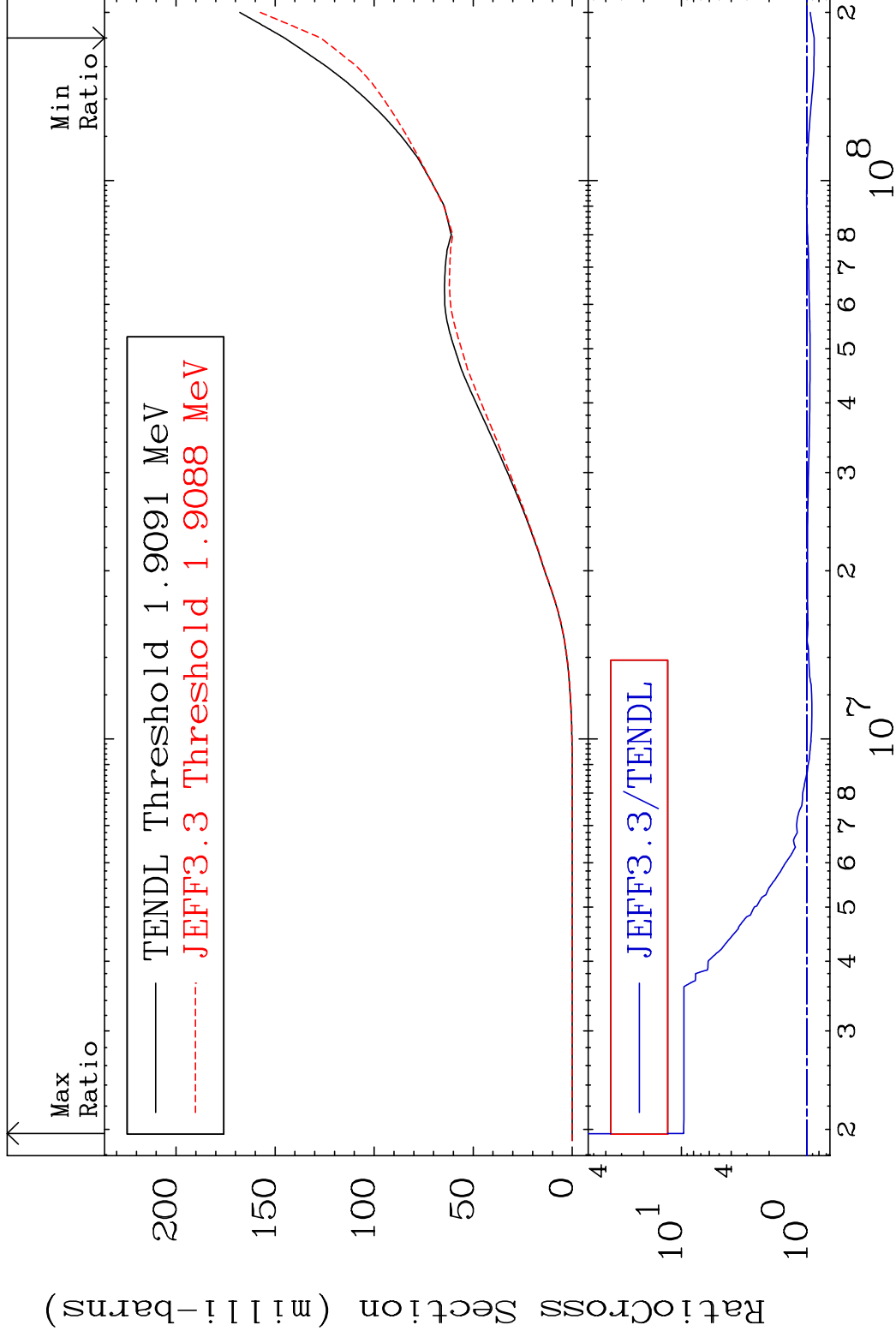
29-Cu-67

MAT 2937

He-4 Production

²⁹Cu-67

Cross Section -12.56 To 859.2 %



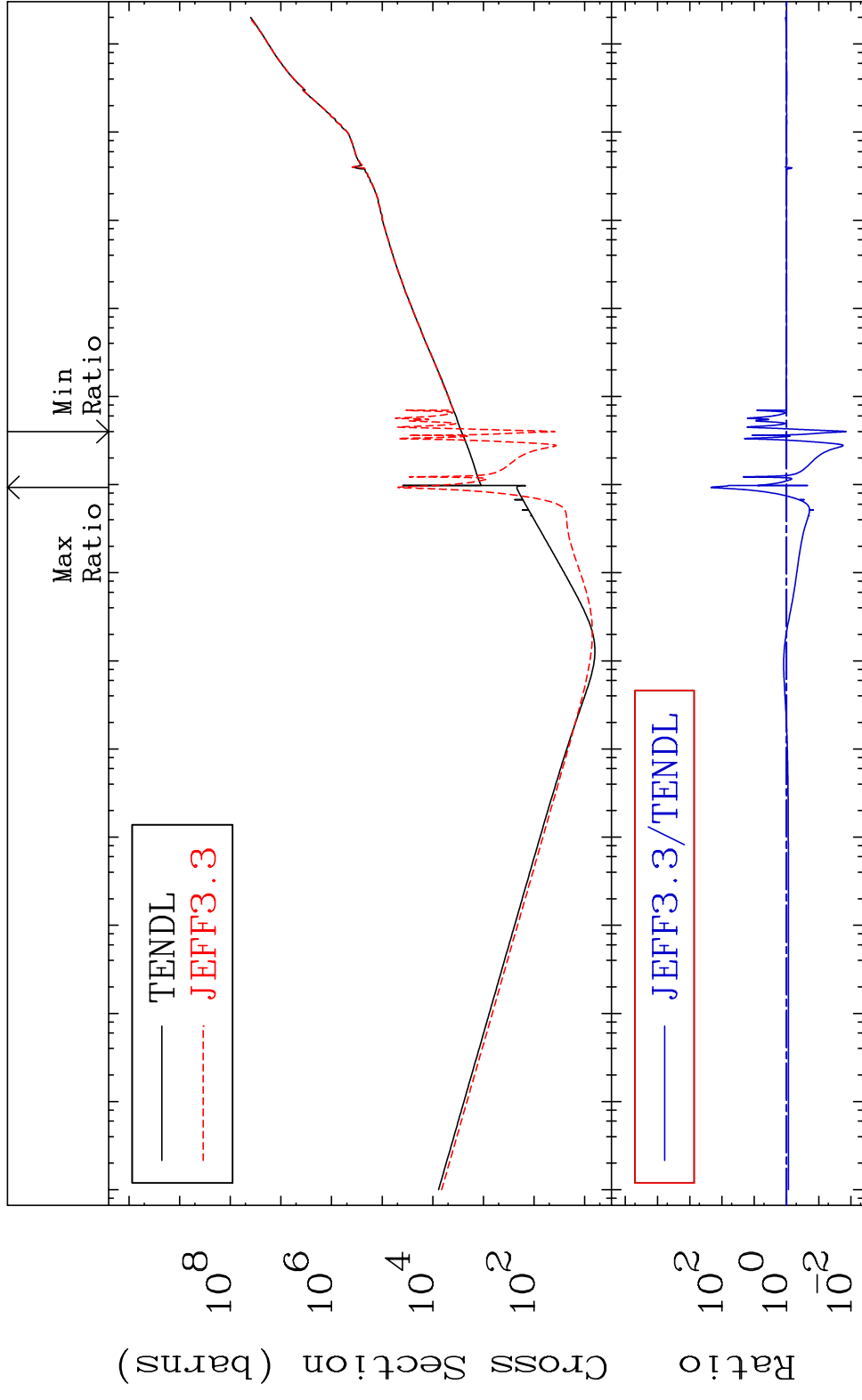
65

Incident Energy (eV)

²⁹Cu-67

MAT 2937

Kerma total (eV-barns) 29-Cu-67
Cross Section -98.61 To 9999. %



66

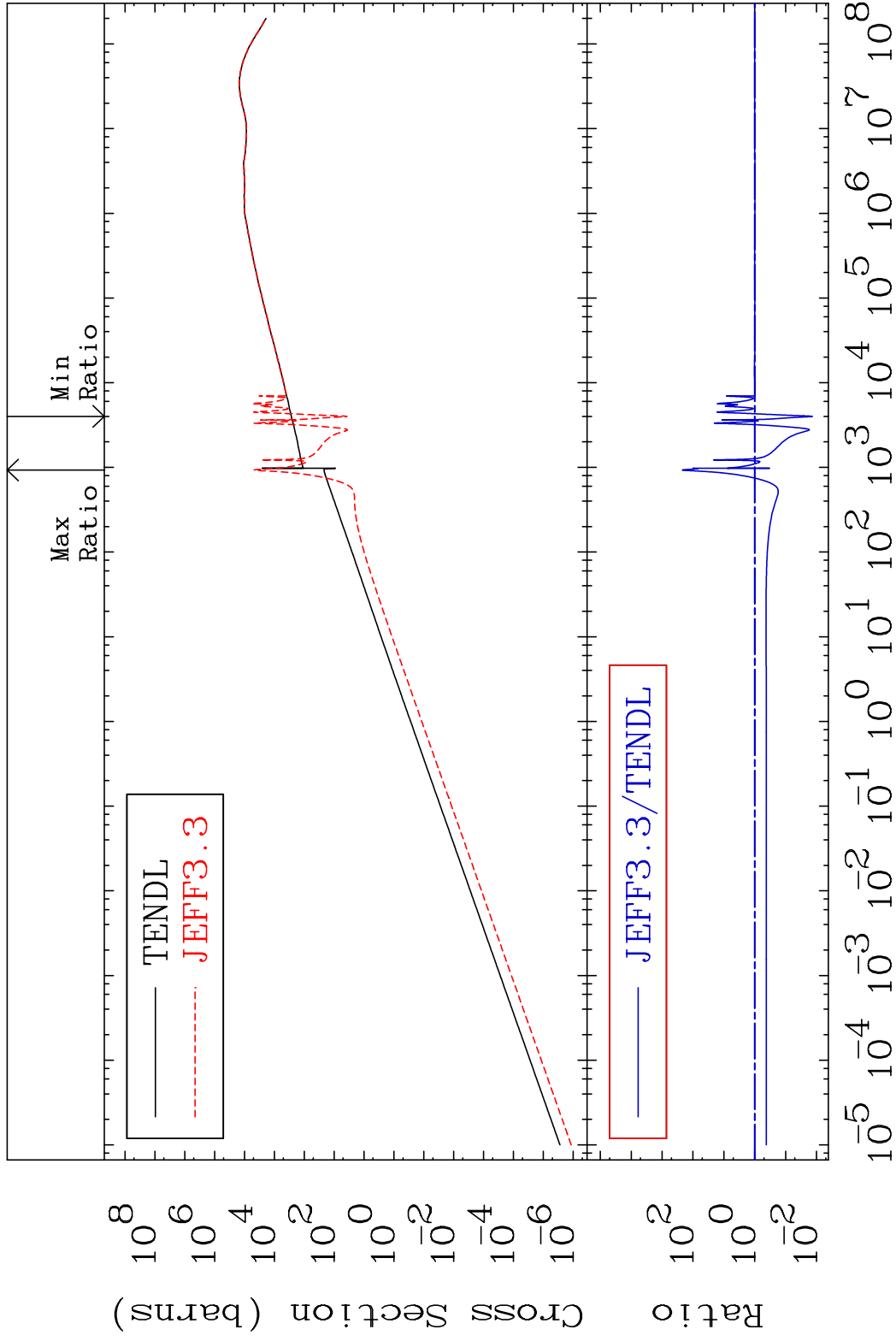
Incident Energy (eV) 29-Cu-67

MAT 2937

Kerma elastic

29-Cu-67

Cross Section -98.66 To 9999. %

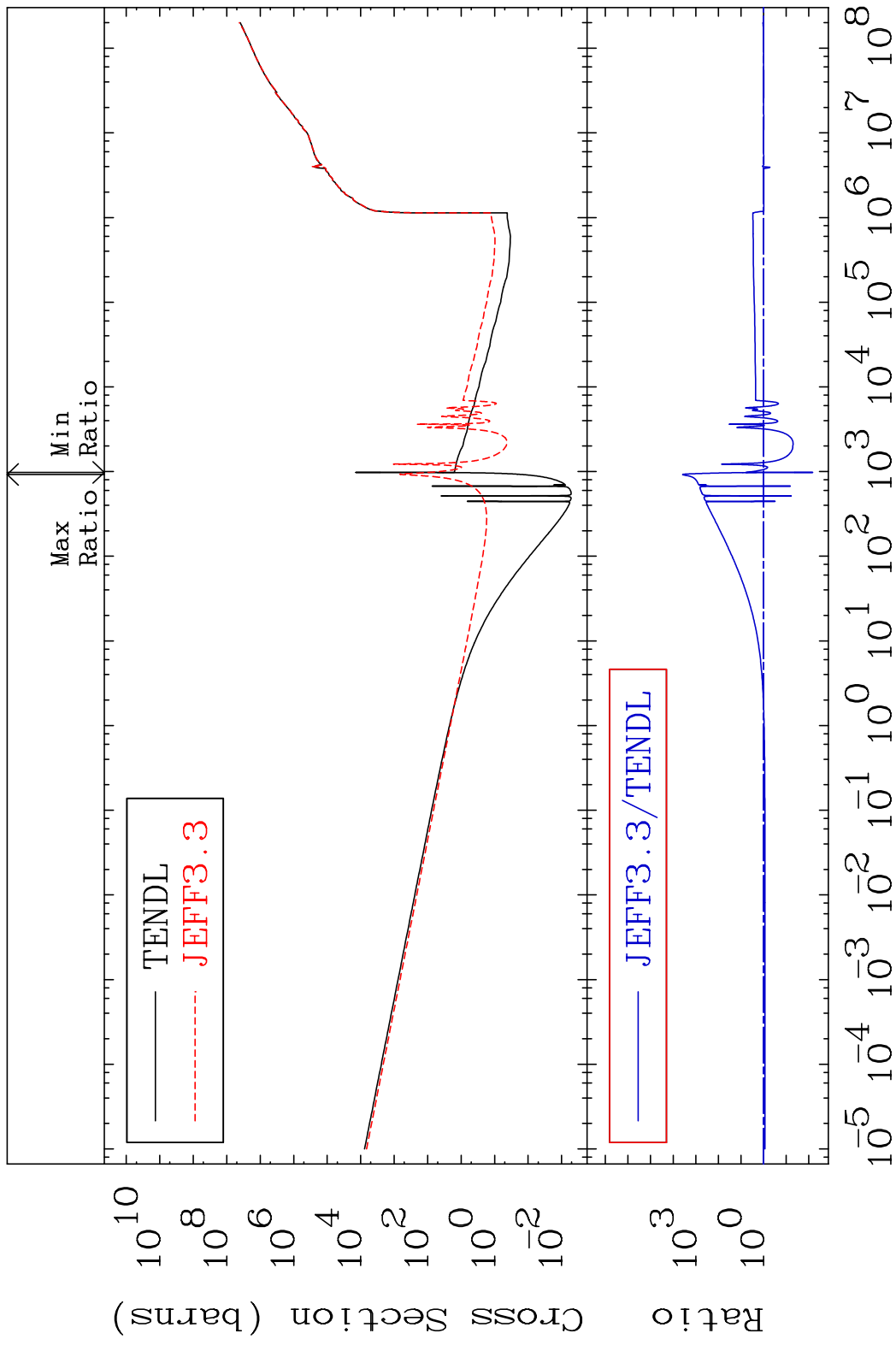


67

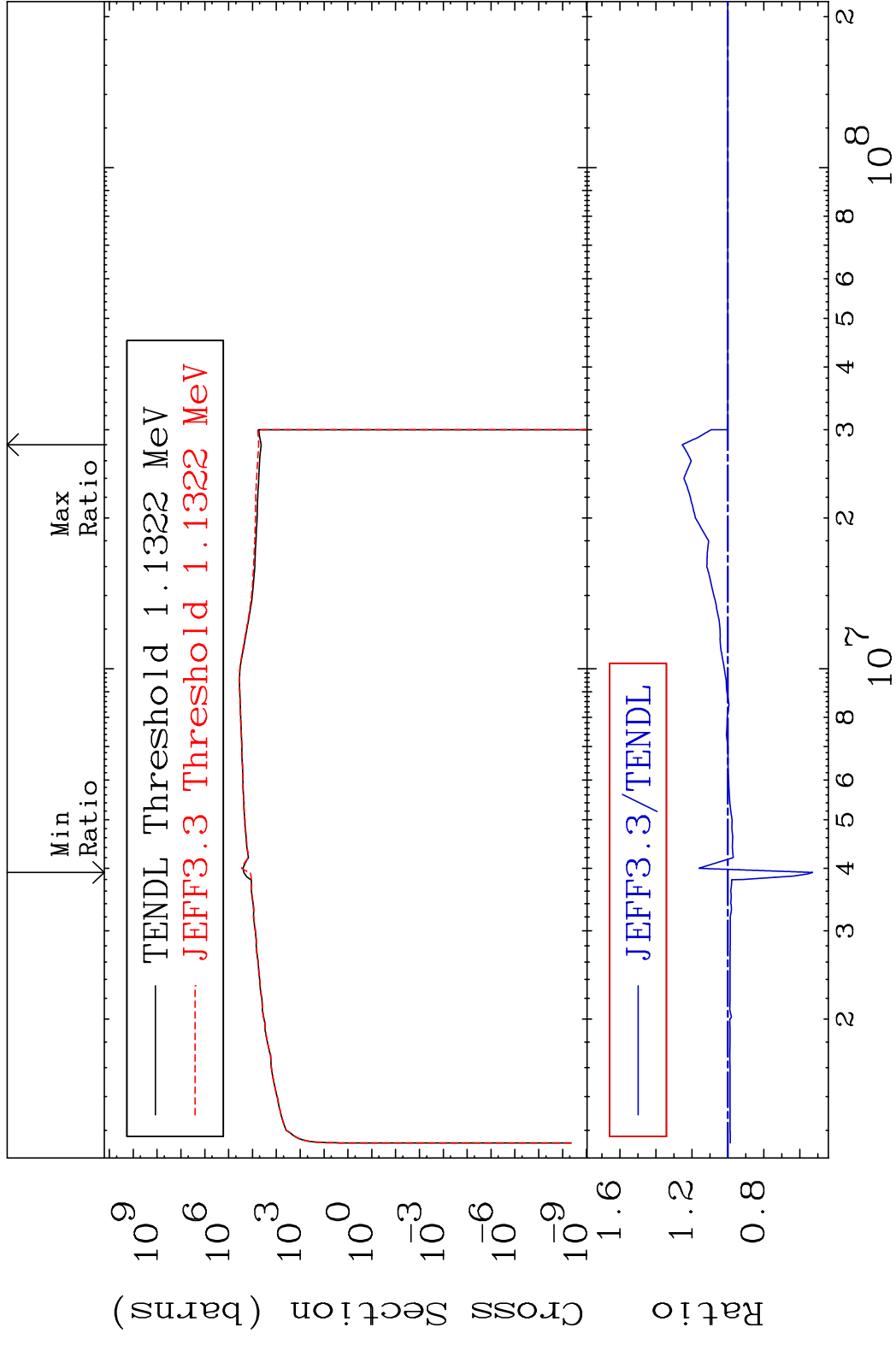
Incident Energy (eV)

29-Cu-67

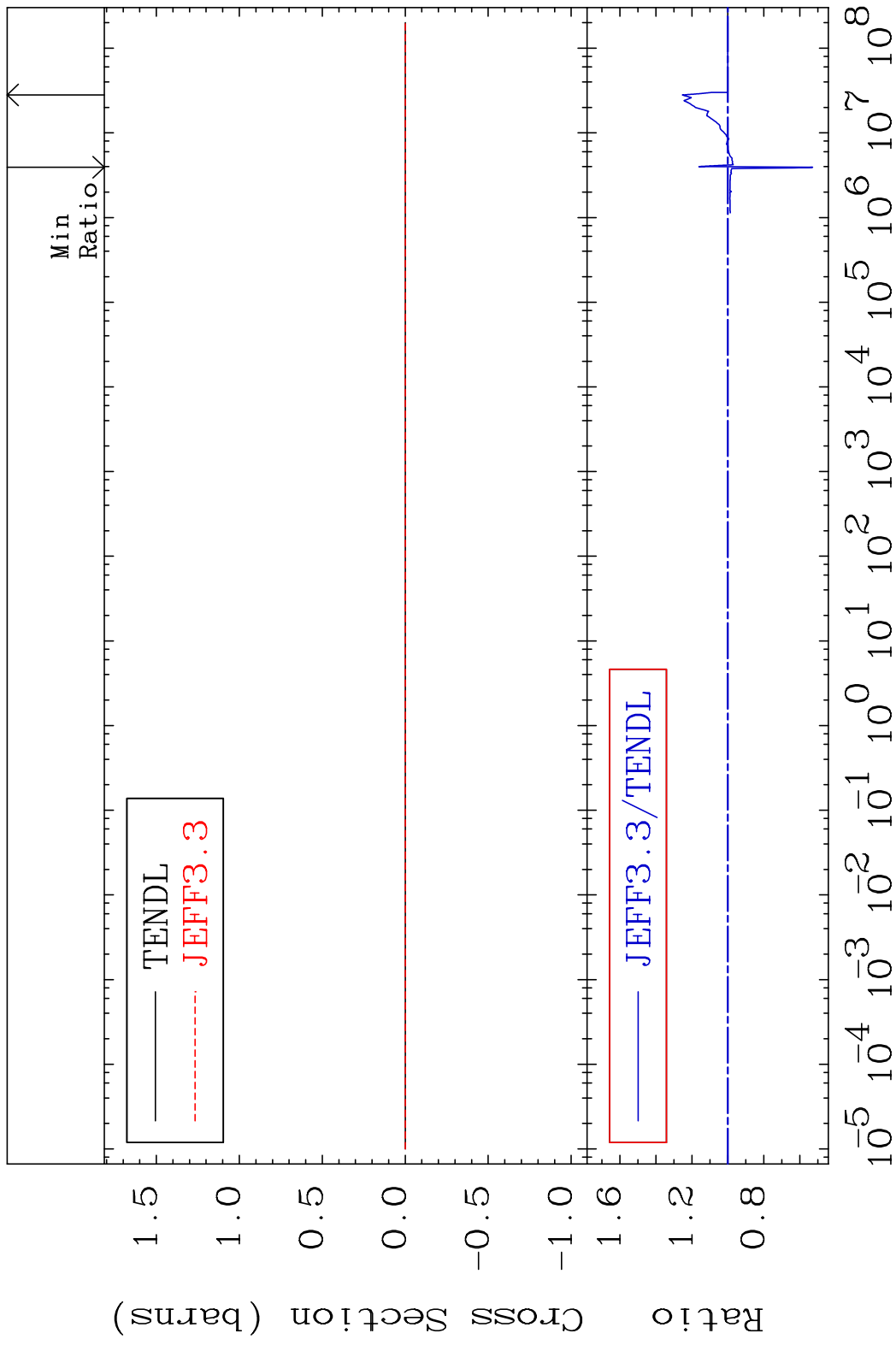
MAT 2937 Kerma non-elastic (all but mt2) 29-Cu-67
 Cross Section -99.32 To 9999. %



MAT 2937 Kerma inelastic (mt51-91) 29-Cu-67
 Cross Section -47.08 To 25.31 %



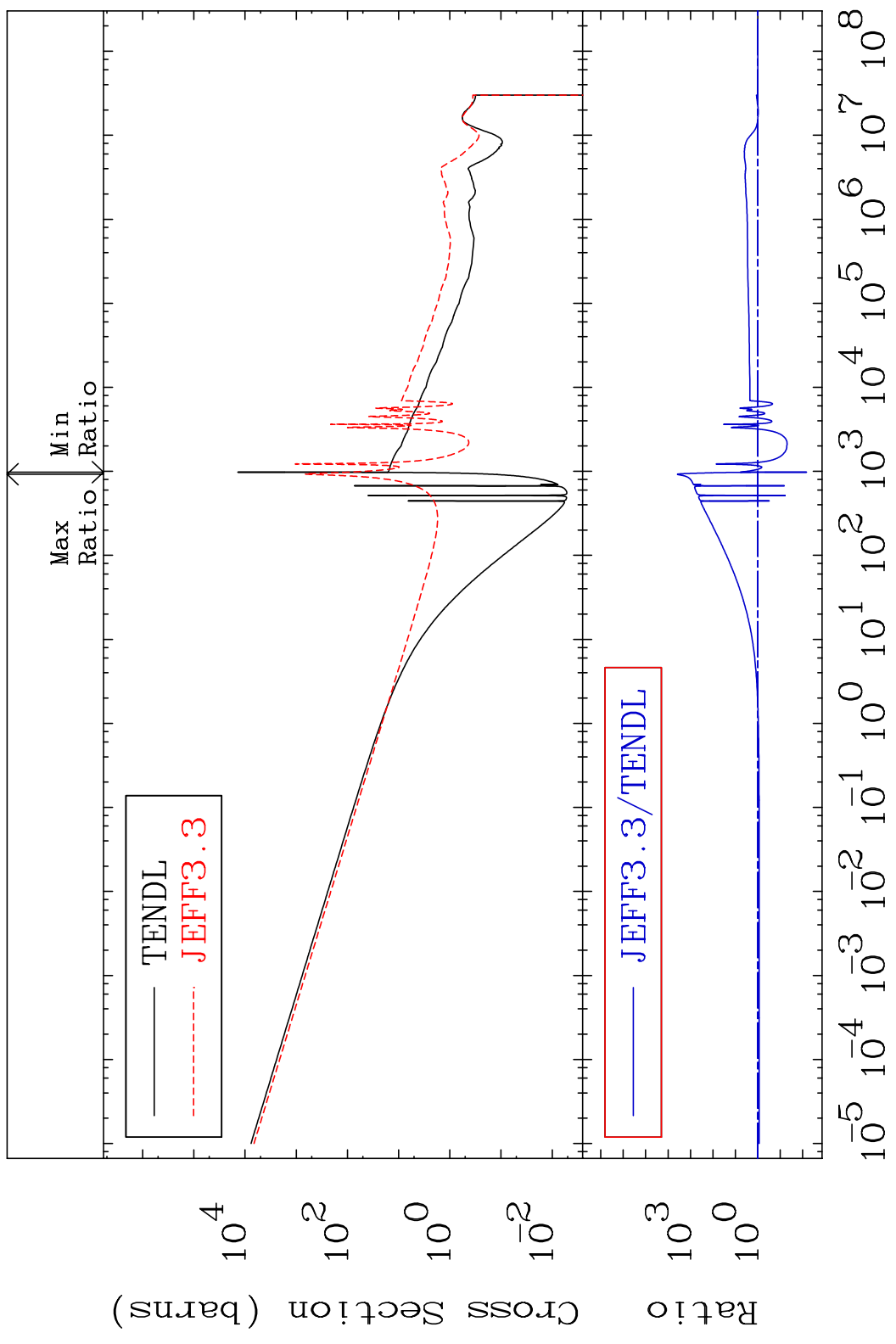
MAT 2937 Kerma fission (mt18 or mt19-20-21-38) 29-Cu-67
 Cross Section -47.08 To 25.31 %



Min
Ratio

MAT 2937

Kerma capture (mt102) 29-Cu-67
Cross Section -99.32 To 9999. %



71

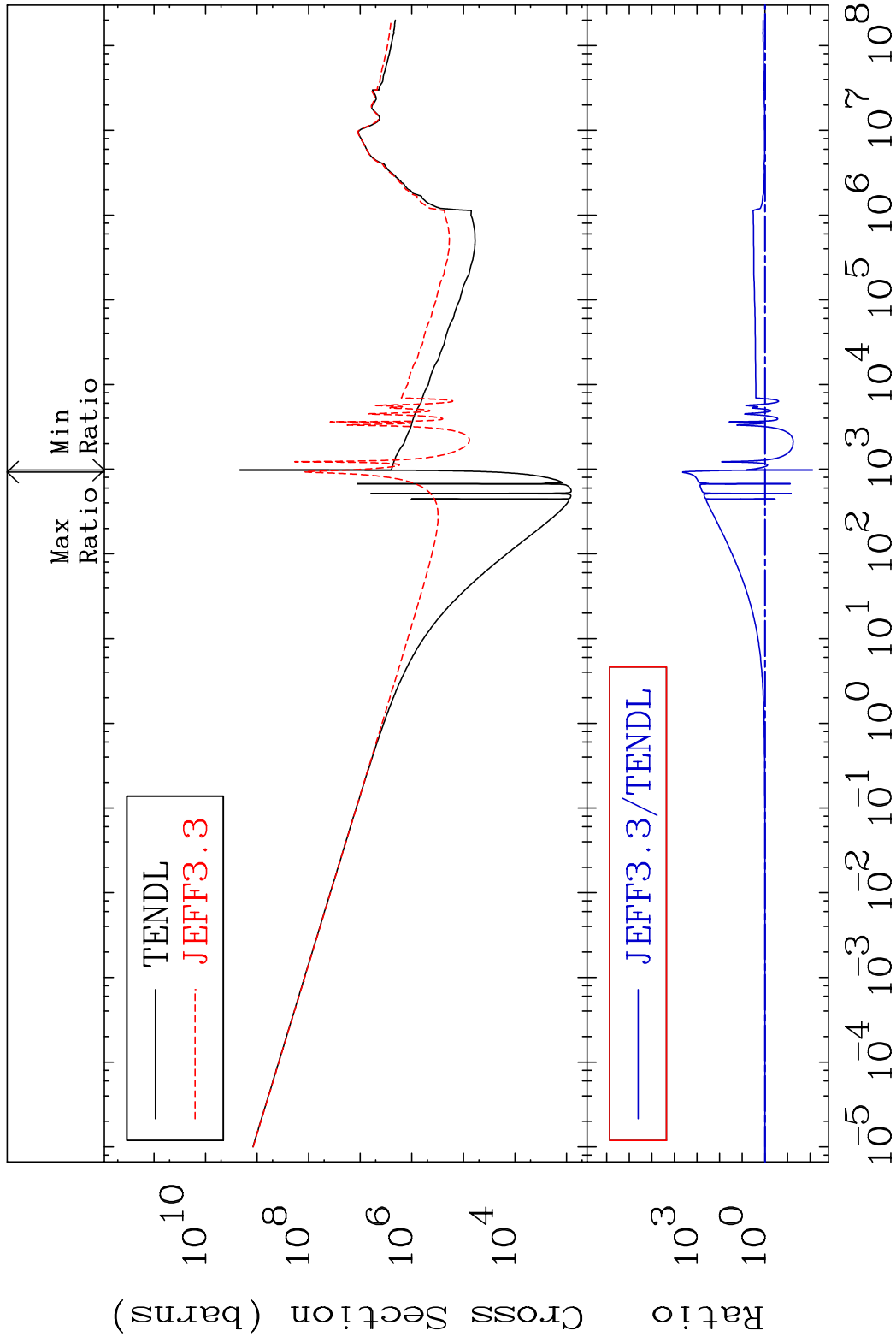
Incident Energy (eV) 29-Cu-67

MAT 2937

Total photon (eV-barns)

29-Cu-67

Cross Section -99.22 To 9999. %

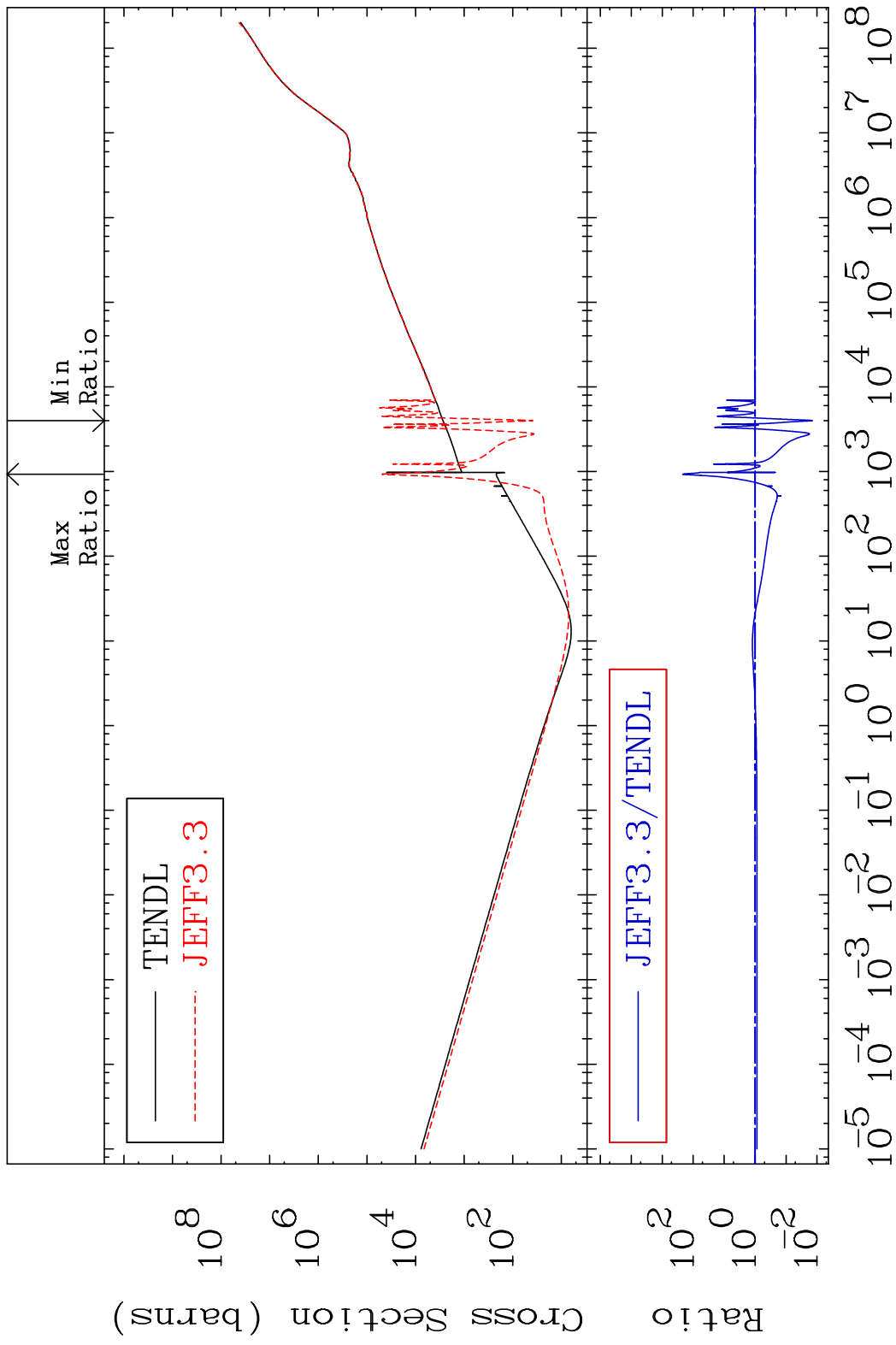


72

Incident Energy (eV)

29-Cu-67

MAT 2937 Total kinematic kerma (high limit) 29-Cu-67
 Cross Section -98.61 To 9999. %

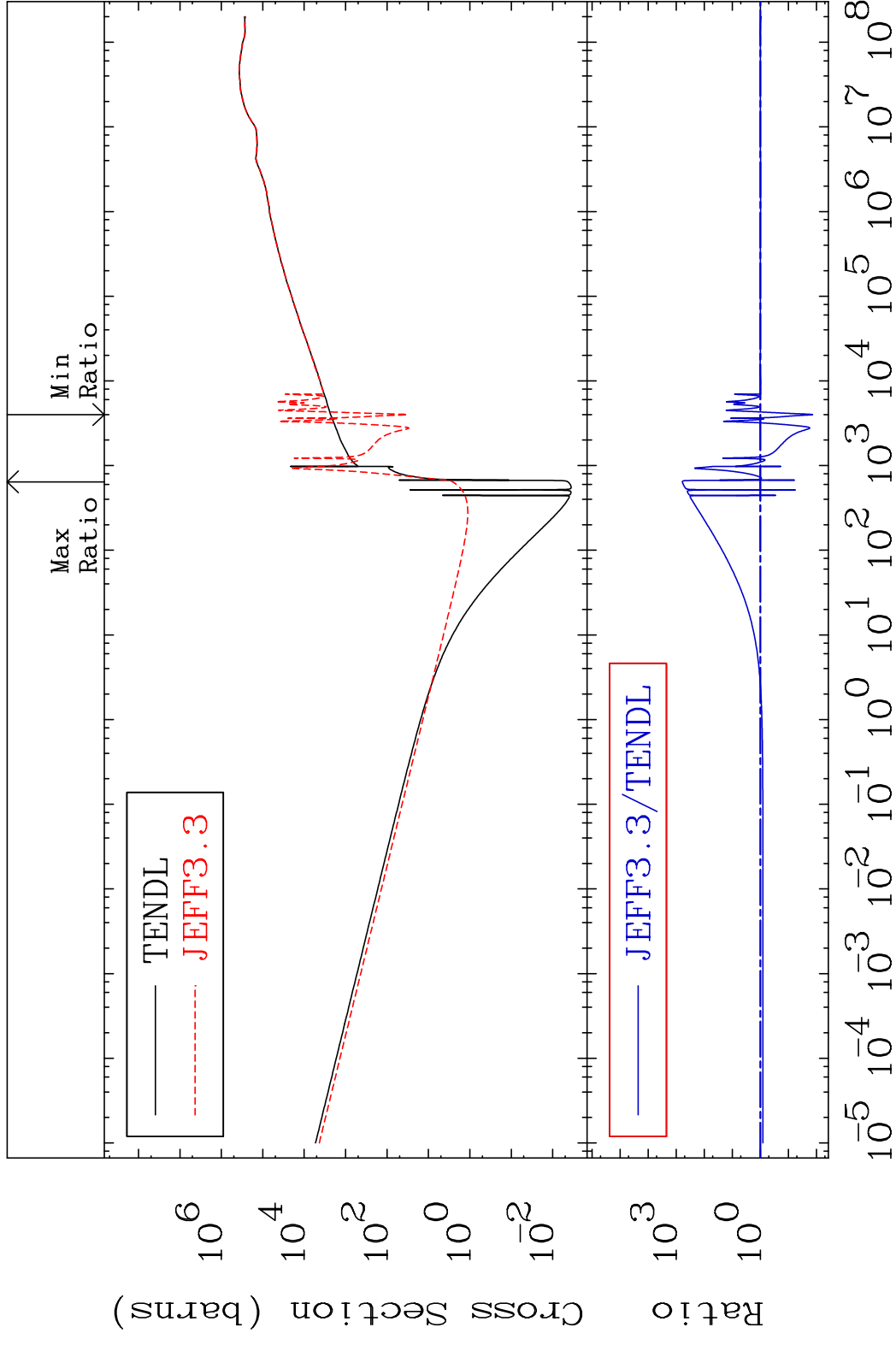


MAT 2937

Dpa total (eV-barns)

29-Cu-67

Cross Section -98.62 To 9999. %



74

Incident Energy (eV)

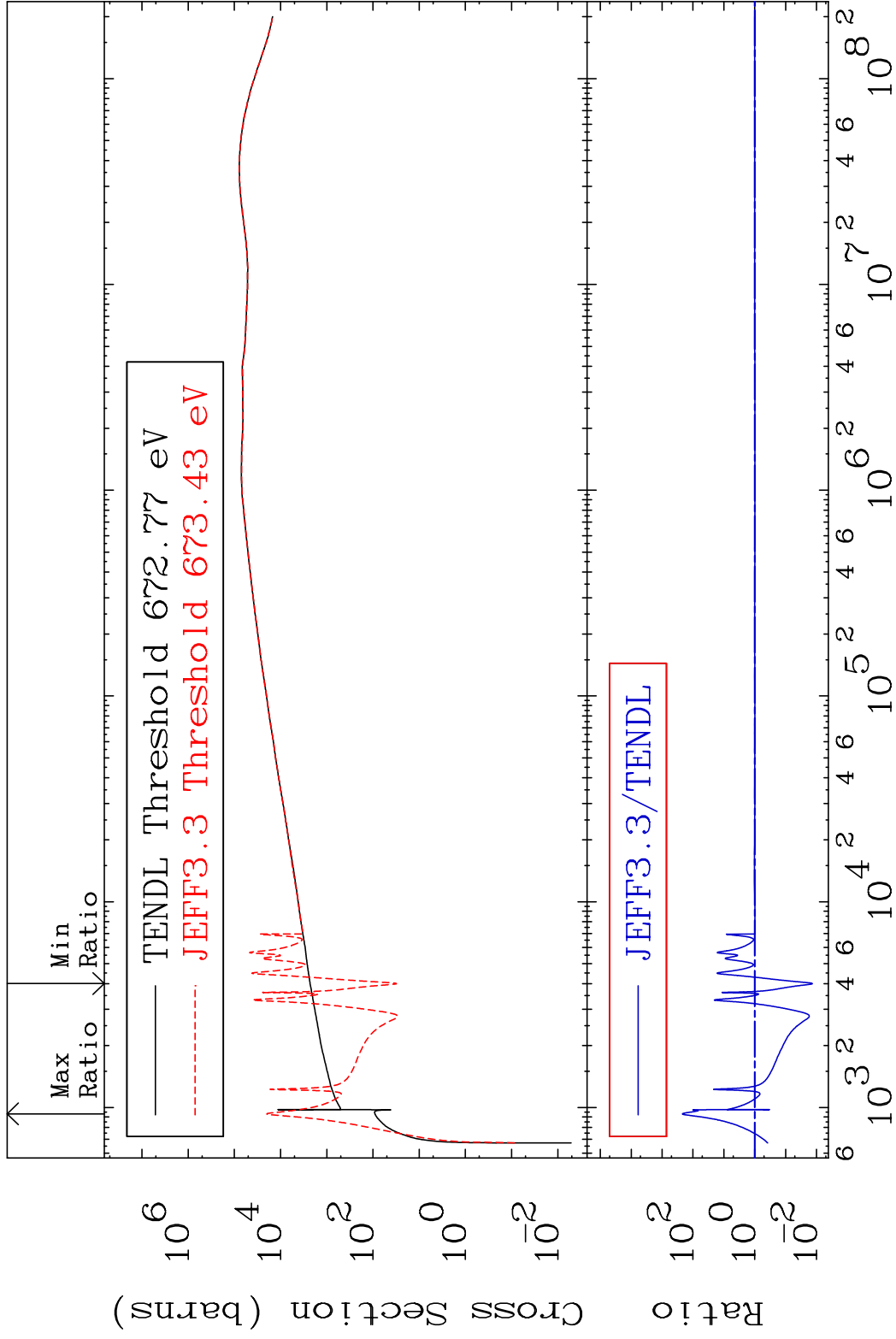
29-Cu-67

MAT 2937

Dpa elastic (mt2)

29-Cu-67

Cross Section -98.66 To 9999. %

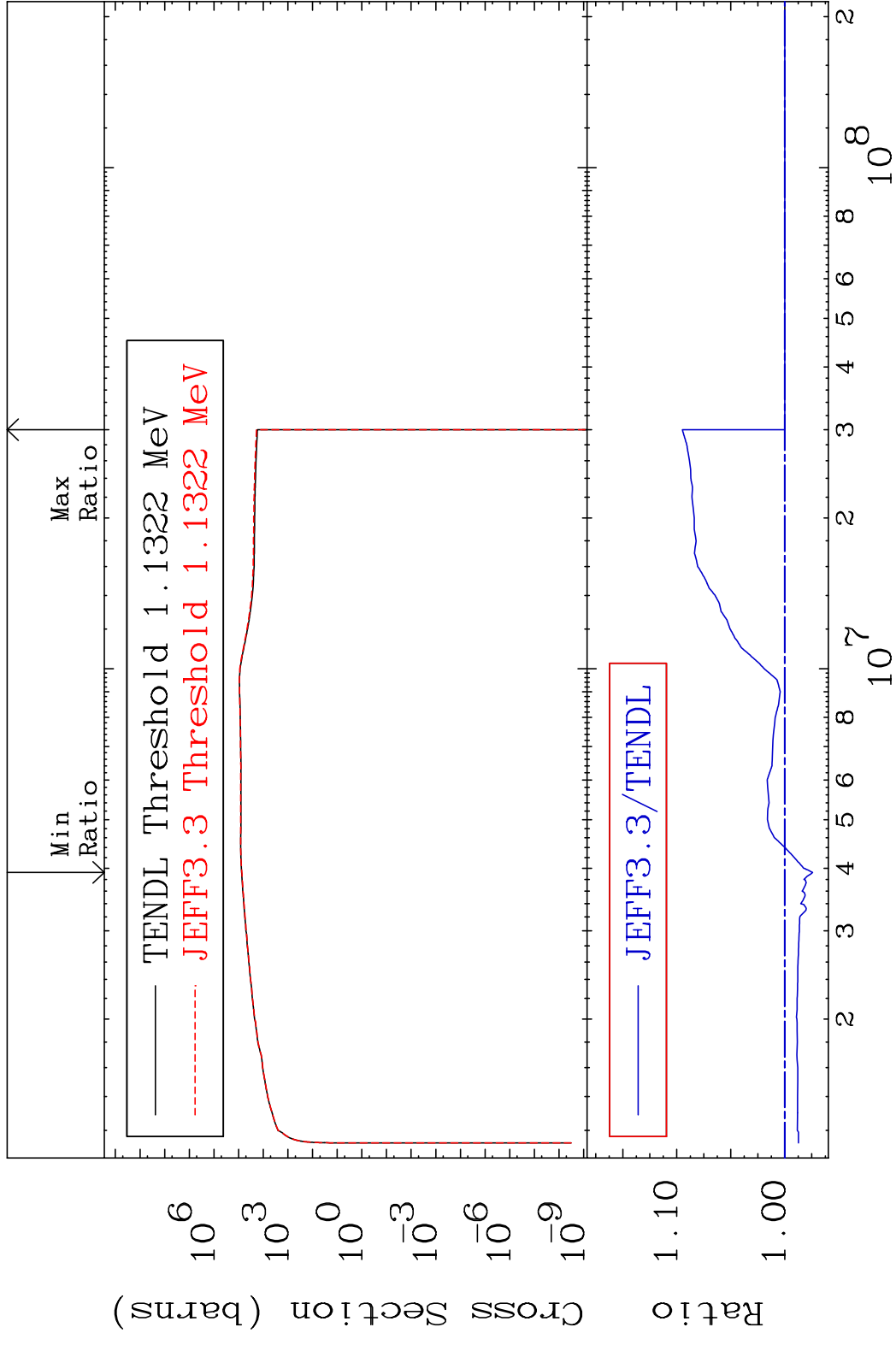


75

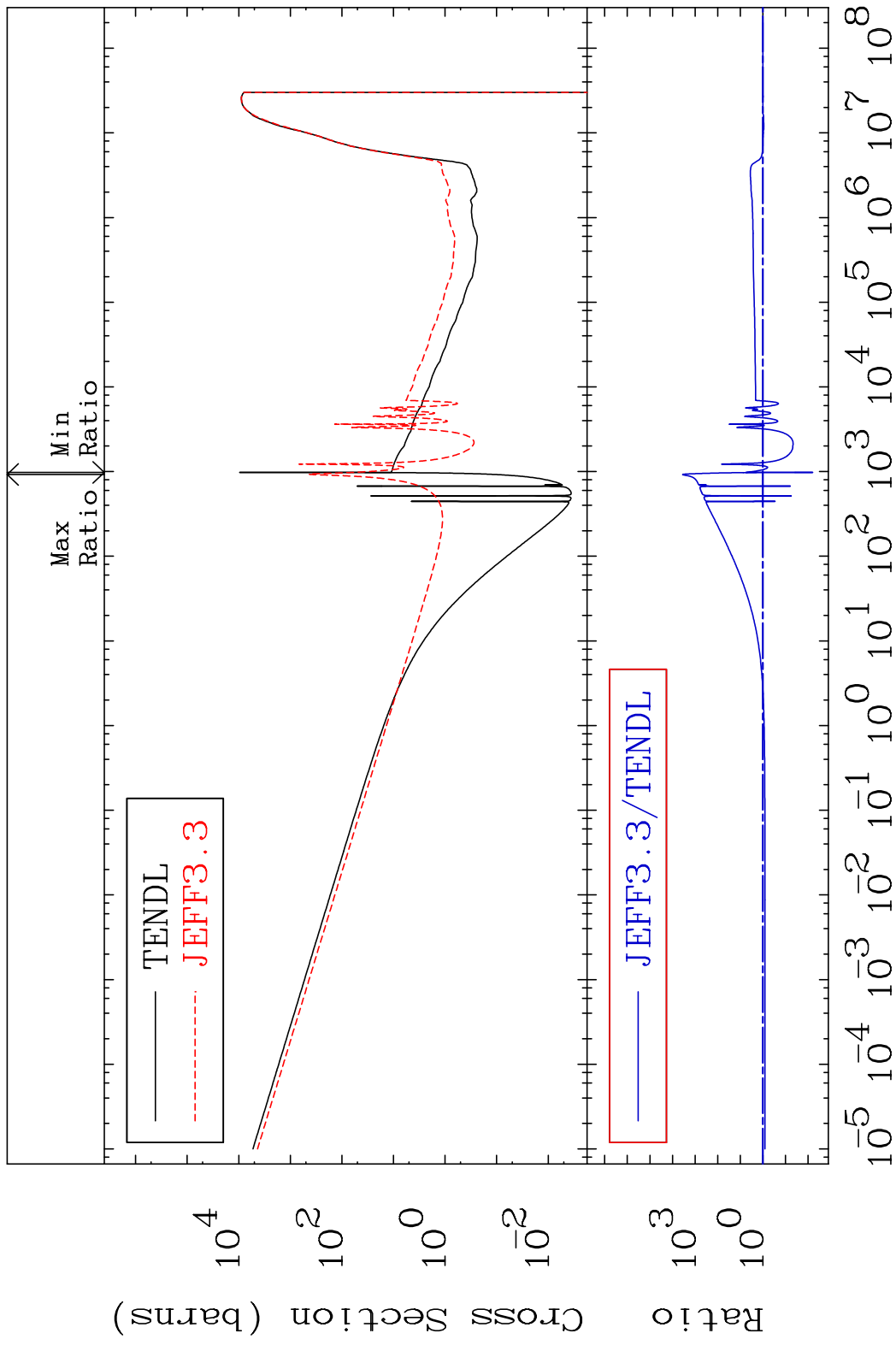
Incident Energy (eV)

29-Cu-67

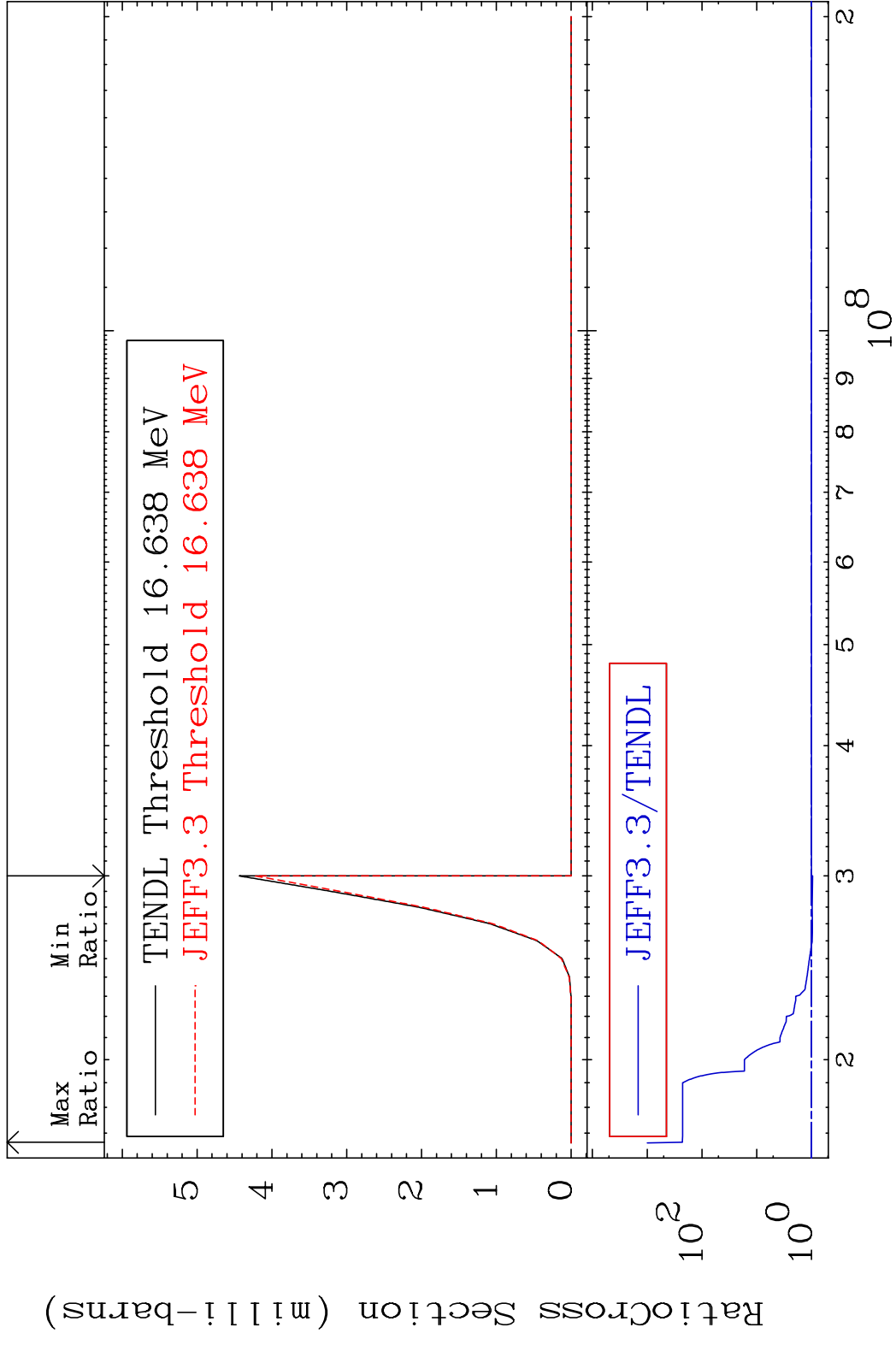
MAT 2937 Dpa inelastic (mt51-91) 29-Cu-67
 Cross Section -2.573 To 9.483 %



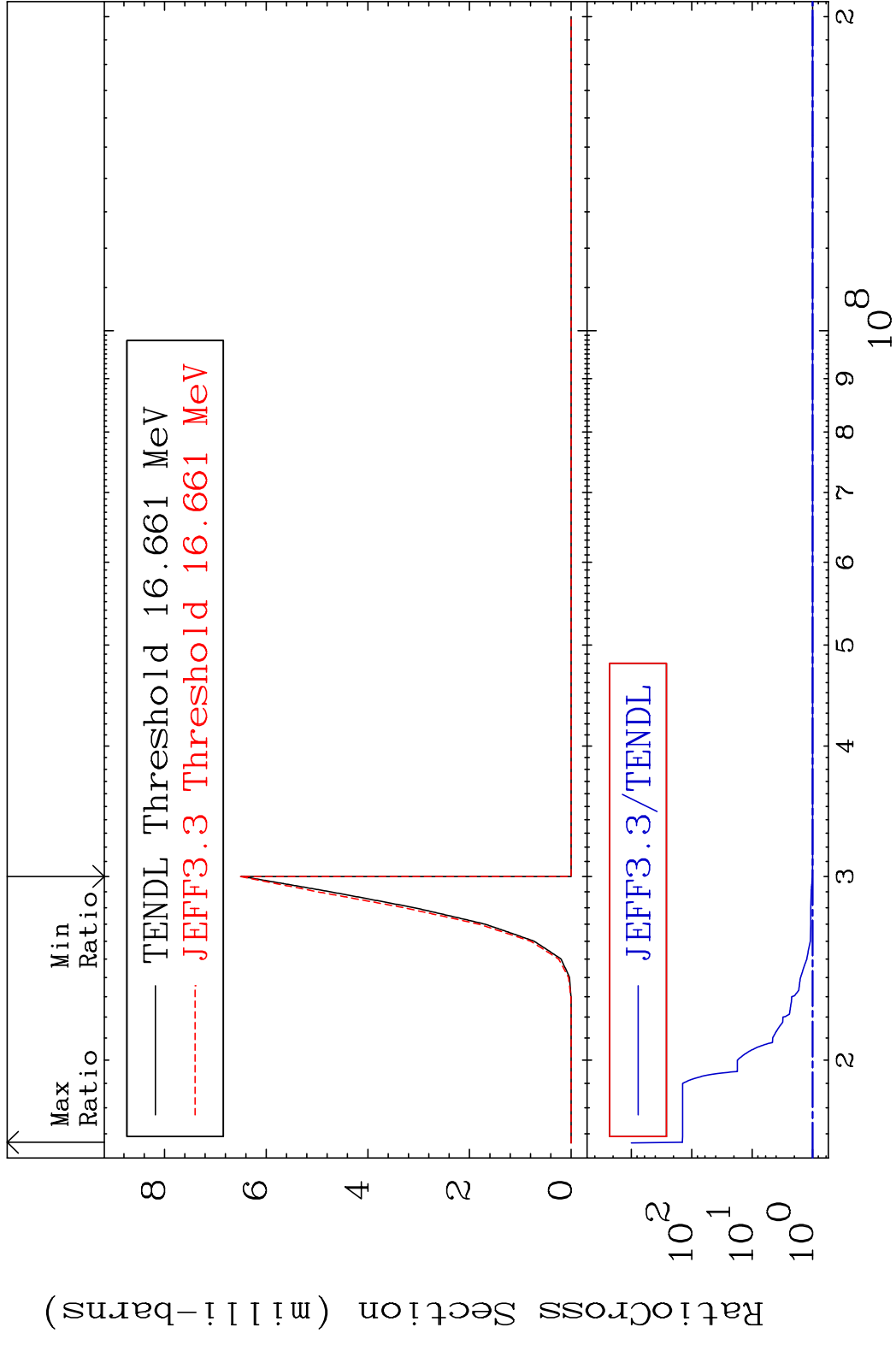
MAT 2937 Dpa disappearance (mt102 -120) 29-Cu-67
 Cross Section -99.36 To 9999. %



MAT 2937 (n,2n) α :27-Co-62g 29-Cu-67
 Radionuclide Production Cross Section 45682 dno 9999. %



MAT 2937 (n,2n) α :27-Co-62m1 29-Cu-67
 Radionuclide Production Cross Section, %



79 Incident Energy (eV) 29-Cu-67

MAT 2937 (n,2α):25-Mn-60g 29-Cu-67
 Radionuclide Production Cross Section 390.4 %

