

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

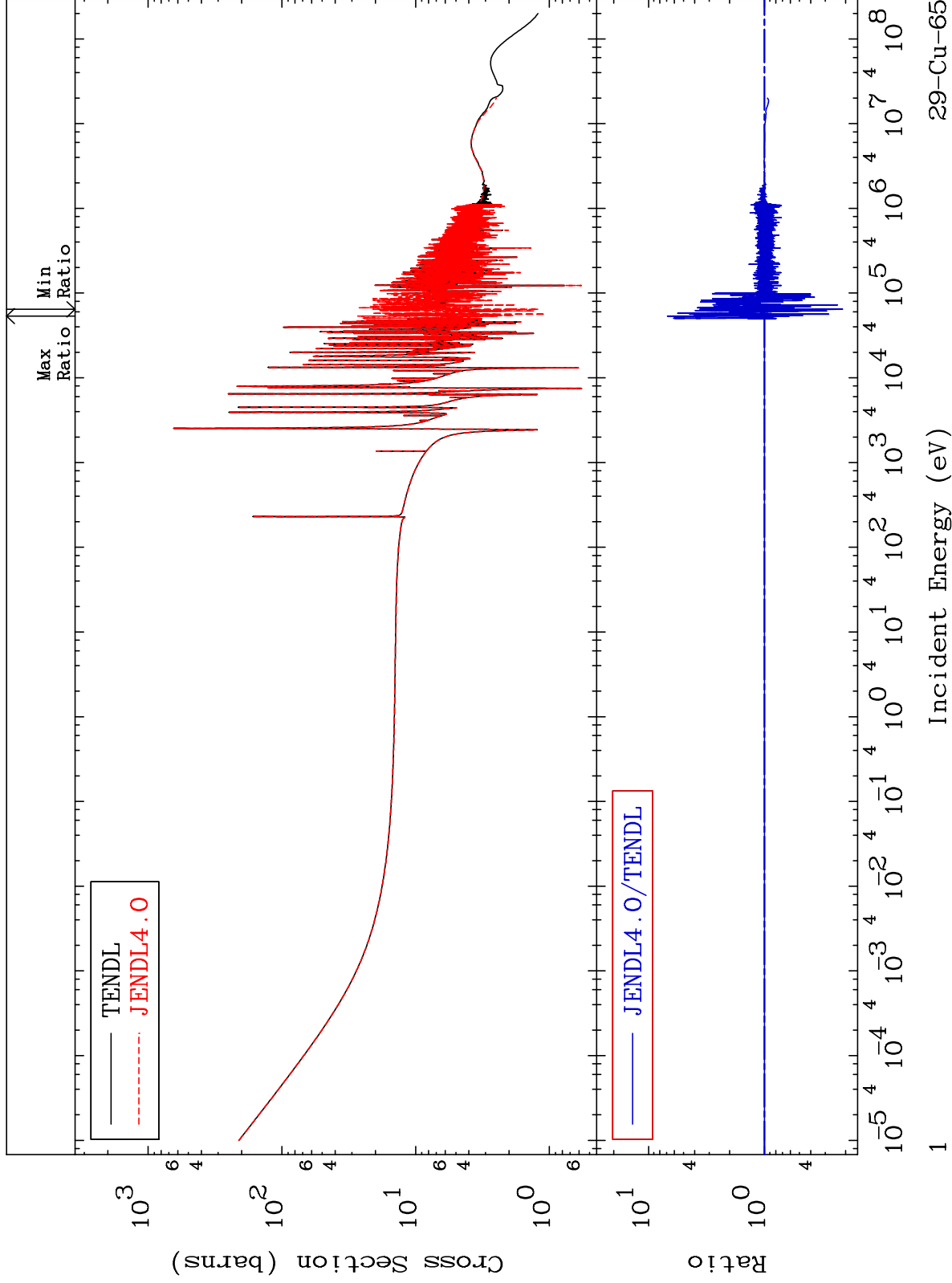
MAT 2931

Total

29-Cu-65

Cross Section

-78.79 To 585.8 %



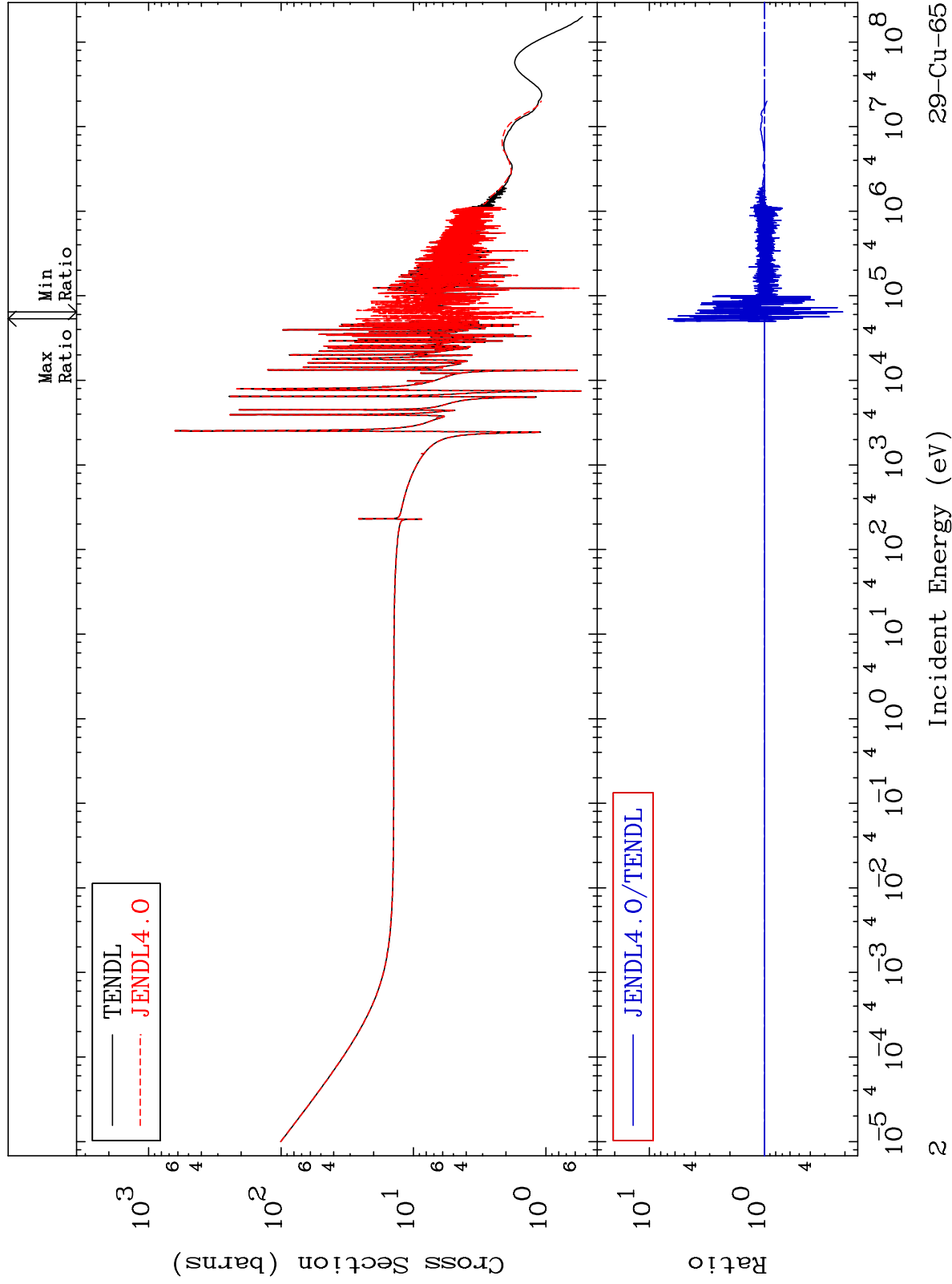
Incident Energy (eV)

29-Cu-65

MAT 2931

Elastic
Cross Section

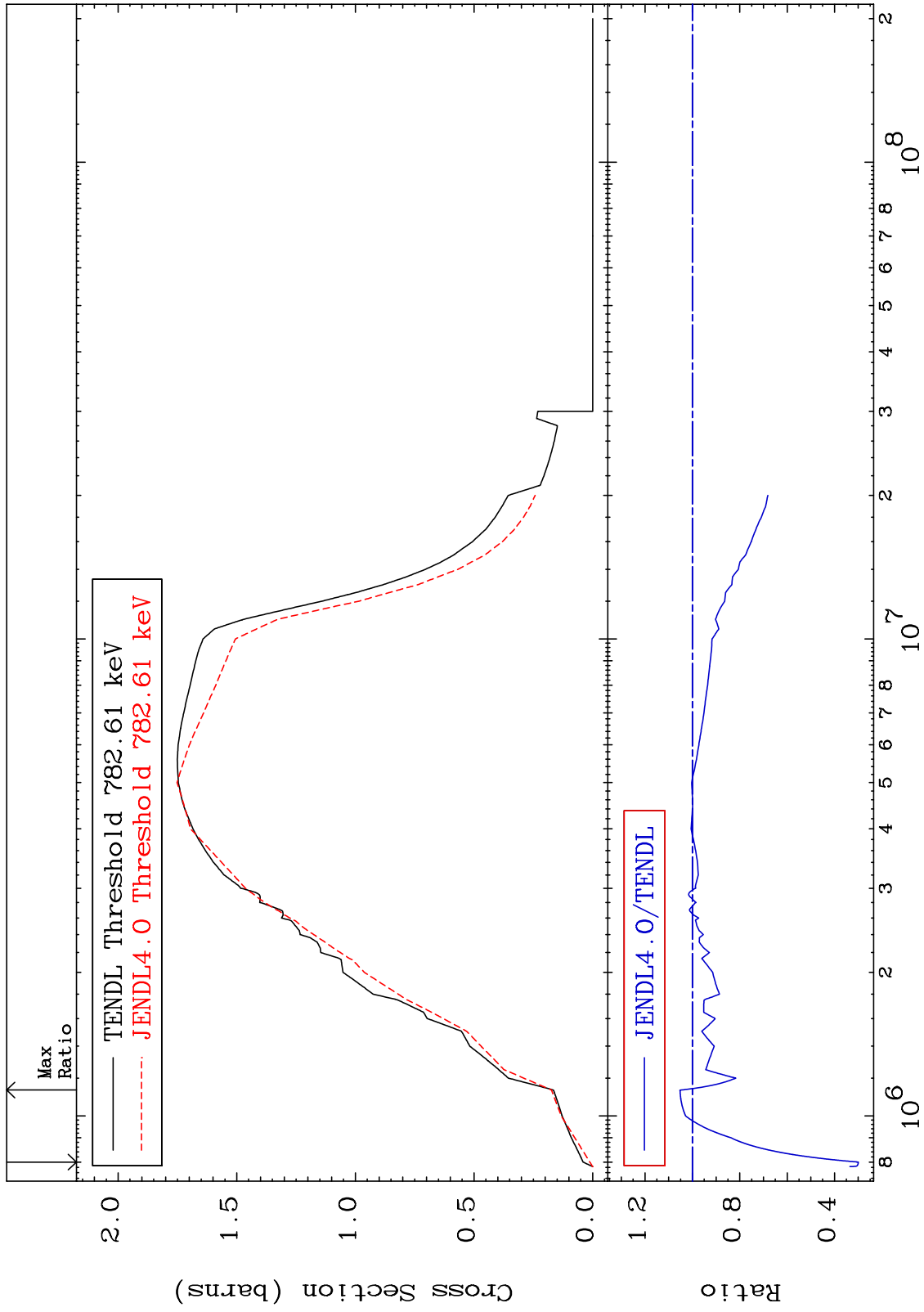
29-Cu-65
-79.11 To 589.9 %



29-Cu-65

Incident Energy (eV)

MAT 2931 Inelastic Cross Section 29-Cu-65 -70.07 To 5.216 %



3 29-Cu-65

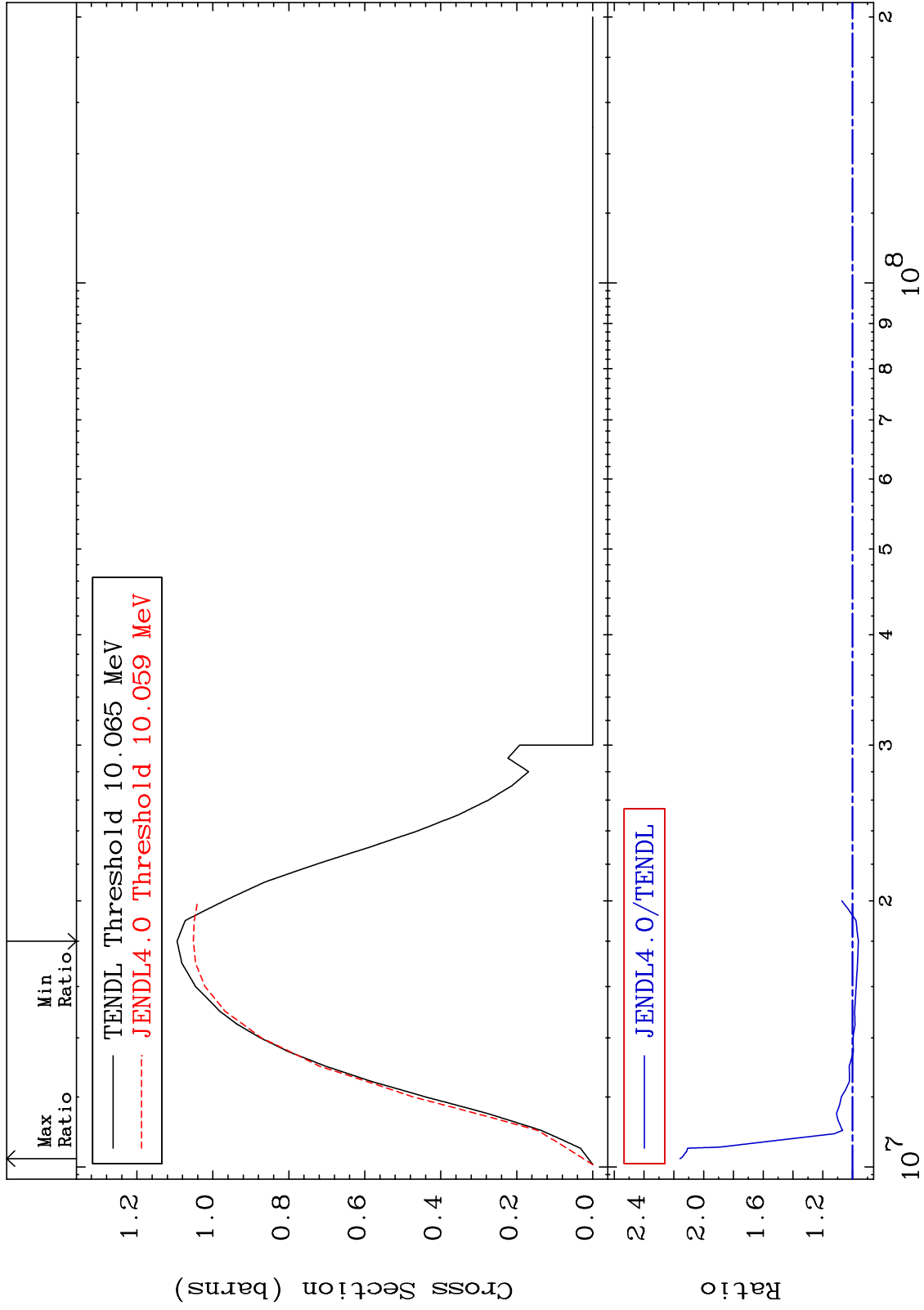
MAT 2931

(n,2n)

29-Cu-65

Cross Section

-3.925 To 115.9 %



Incident Energy (eV)

29-Cu-65

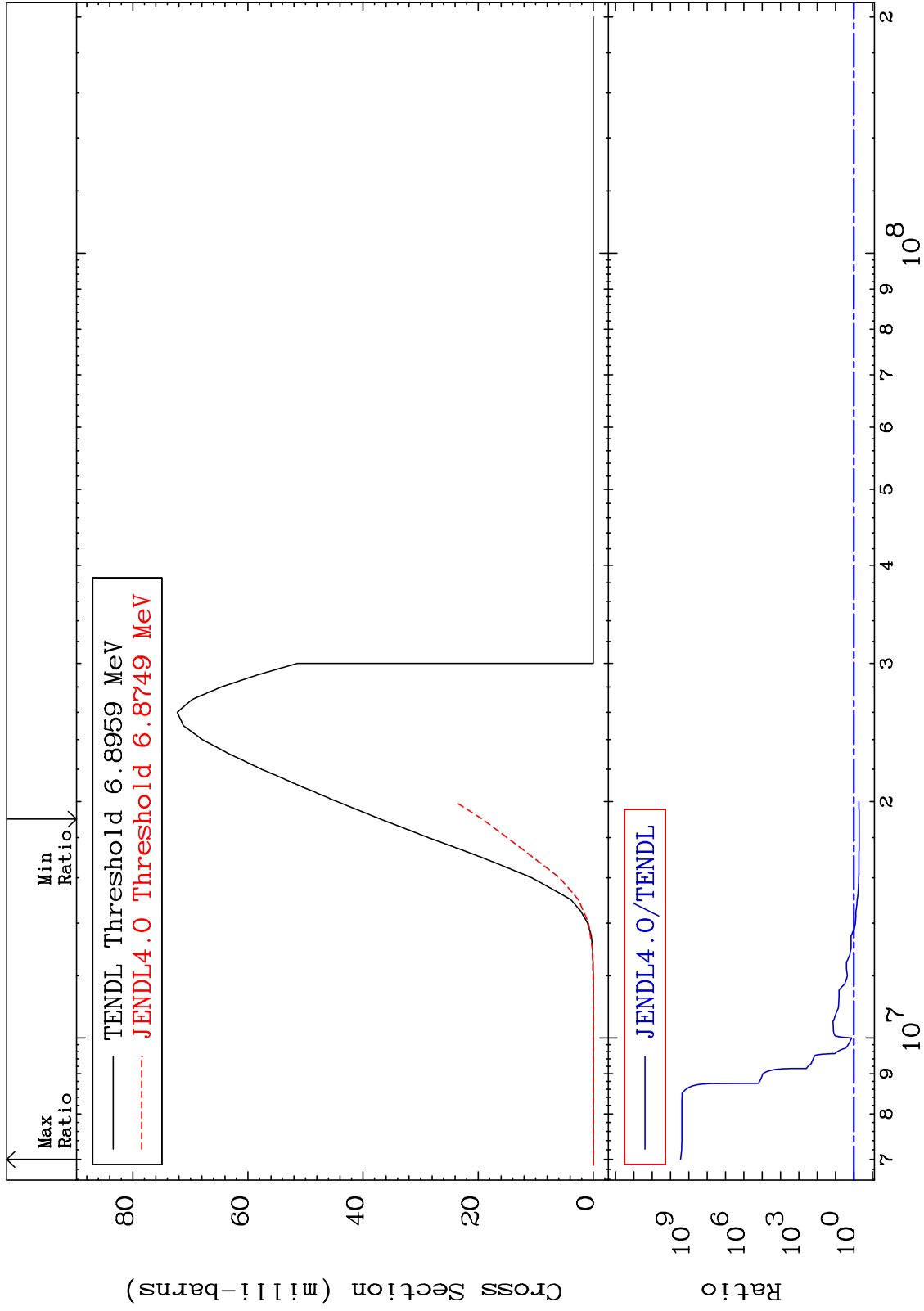
MAT 2931

(n,n') α

29-Cu-65

Cross Section

-47.79 To 9999. %



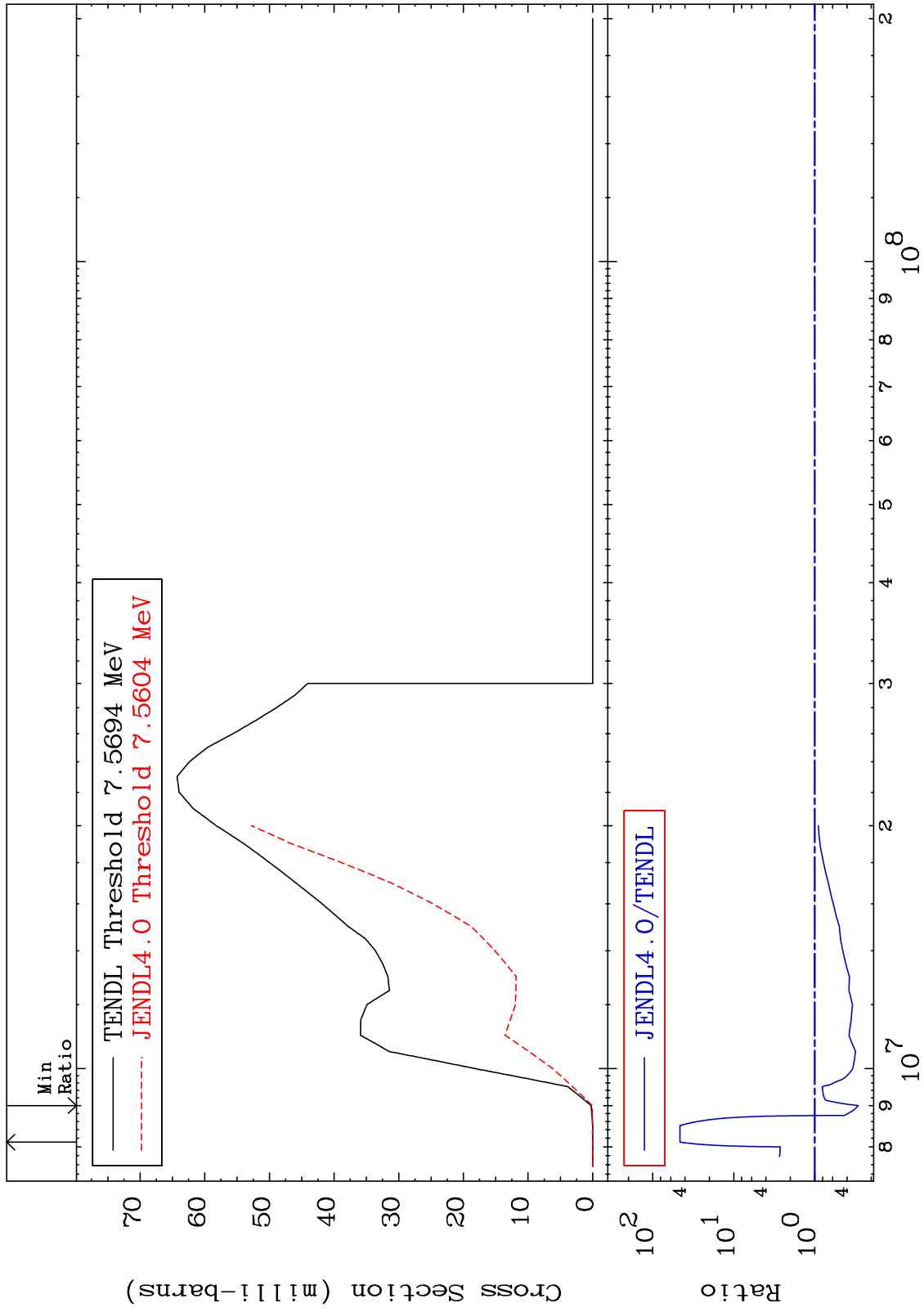
MAT 2931

(n,n') p

29-Cu-65

Cross Section

-71.14 To 4510. %



6

Incident Energy (eV)

29-Cu-65

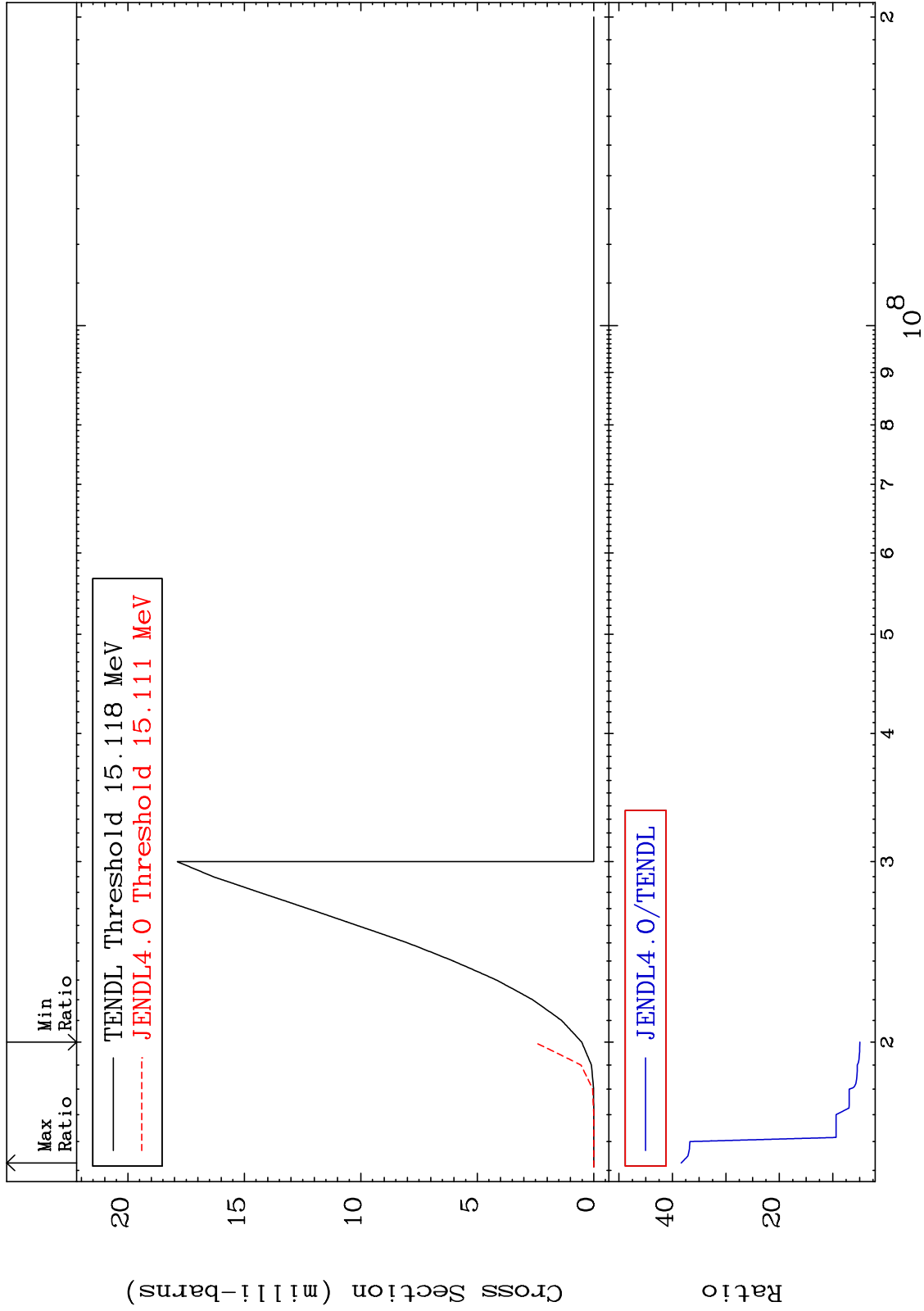
MAT 2931

(n,n') d

29-Cu-65

Cross Section

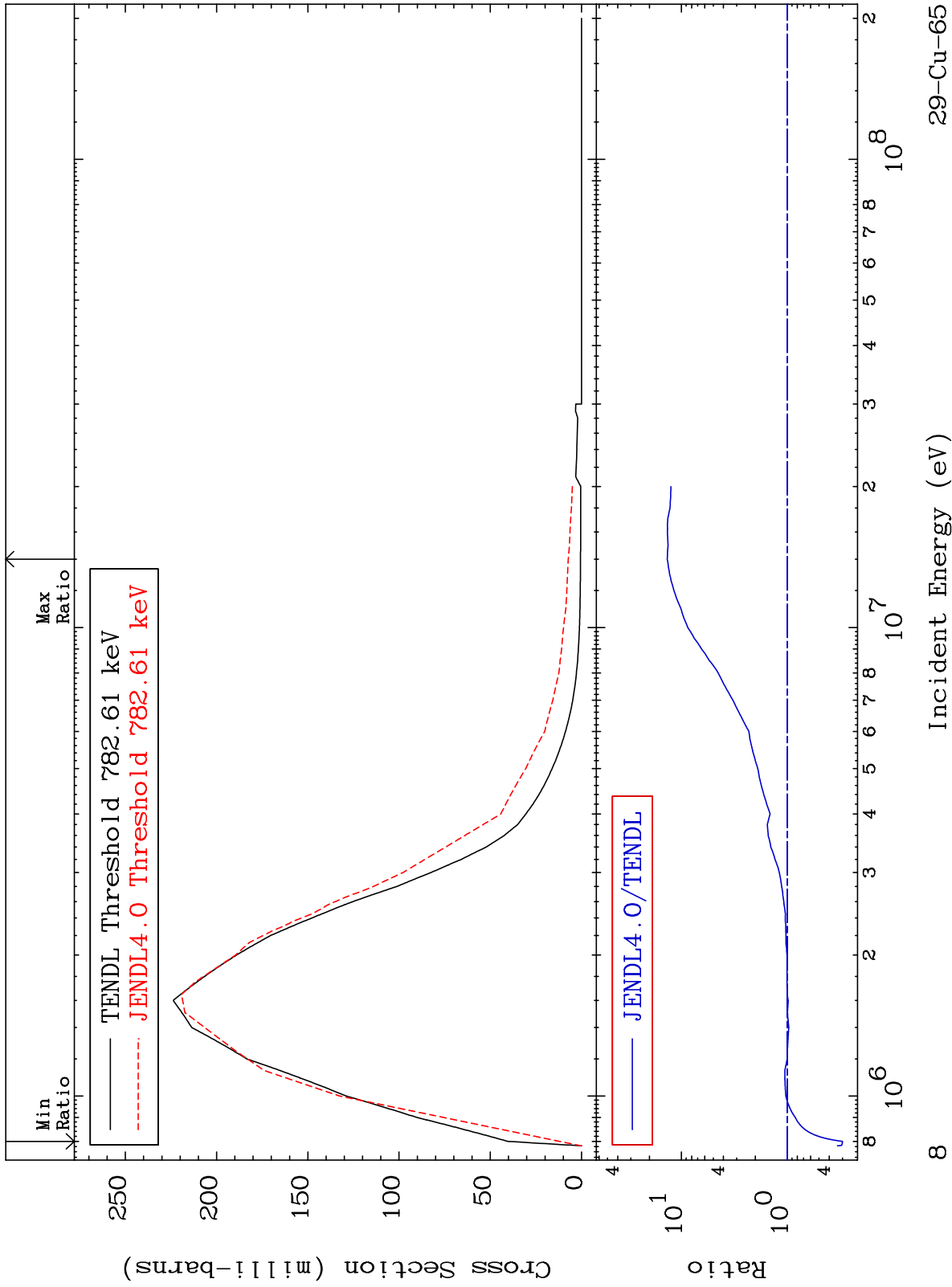
393.2 To 3736. %



MAT 2931

MT= 51 (n,n') Level
Cross Section

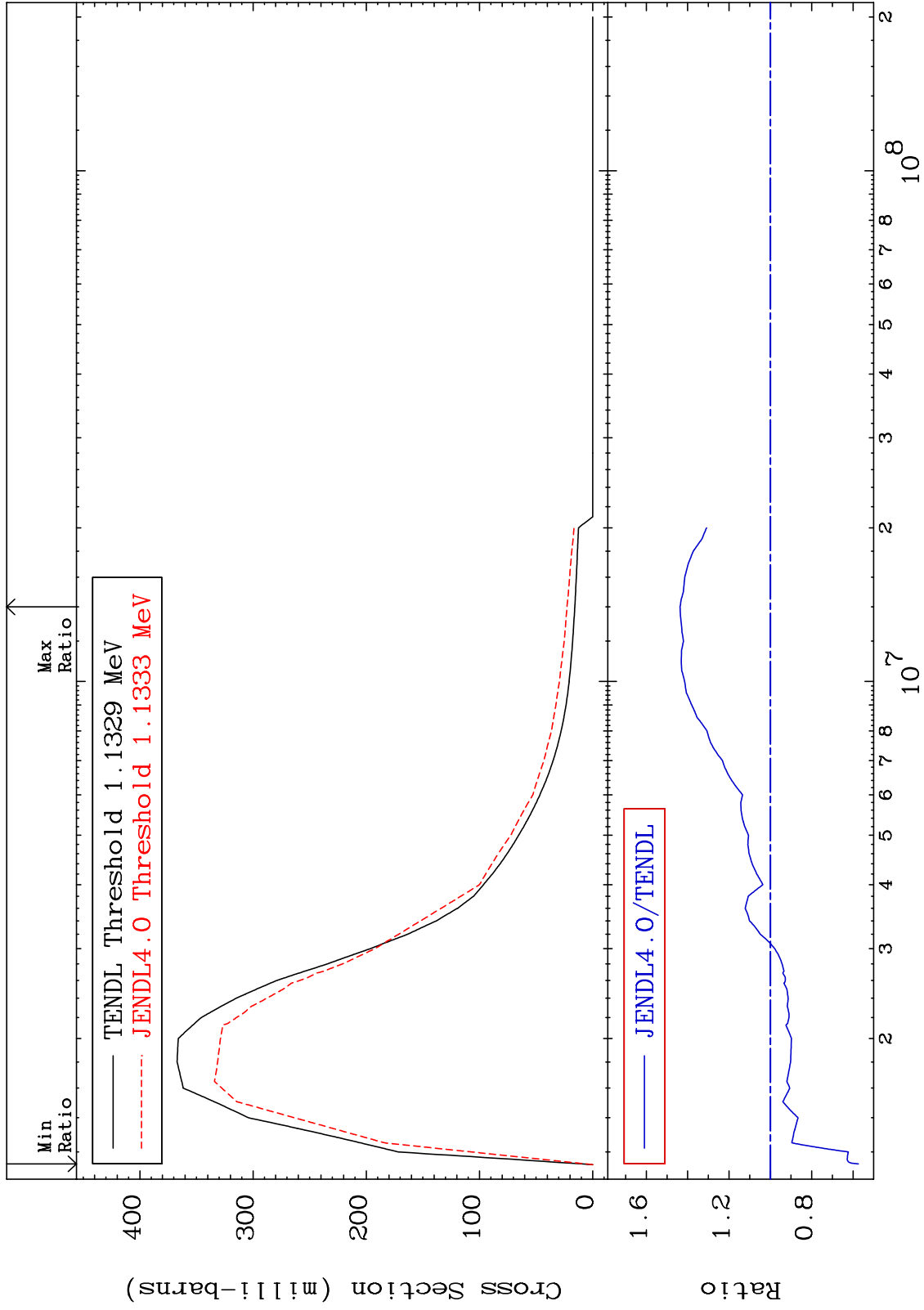
29-Cu-65
-70.07 To 1258. %



MAT 2931

MT= 52 (n,n') Level
Cross Section

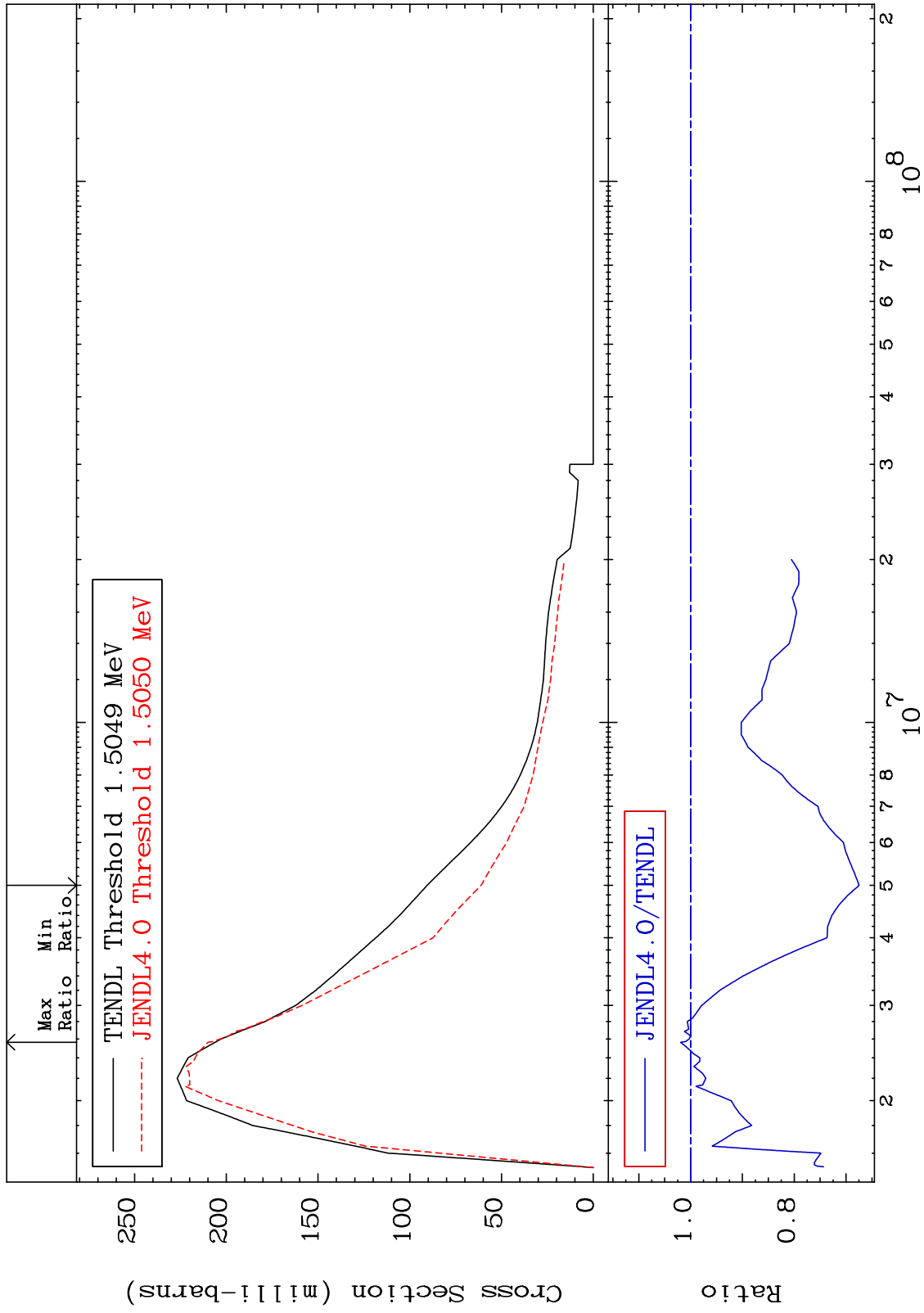
29-Cu-65
-42.57 To 43.71 %



MAT 2931

MT= 53 (n,n') Level
Cross Section

29-Cu-65
-32.53 To 1.921 %



10

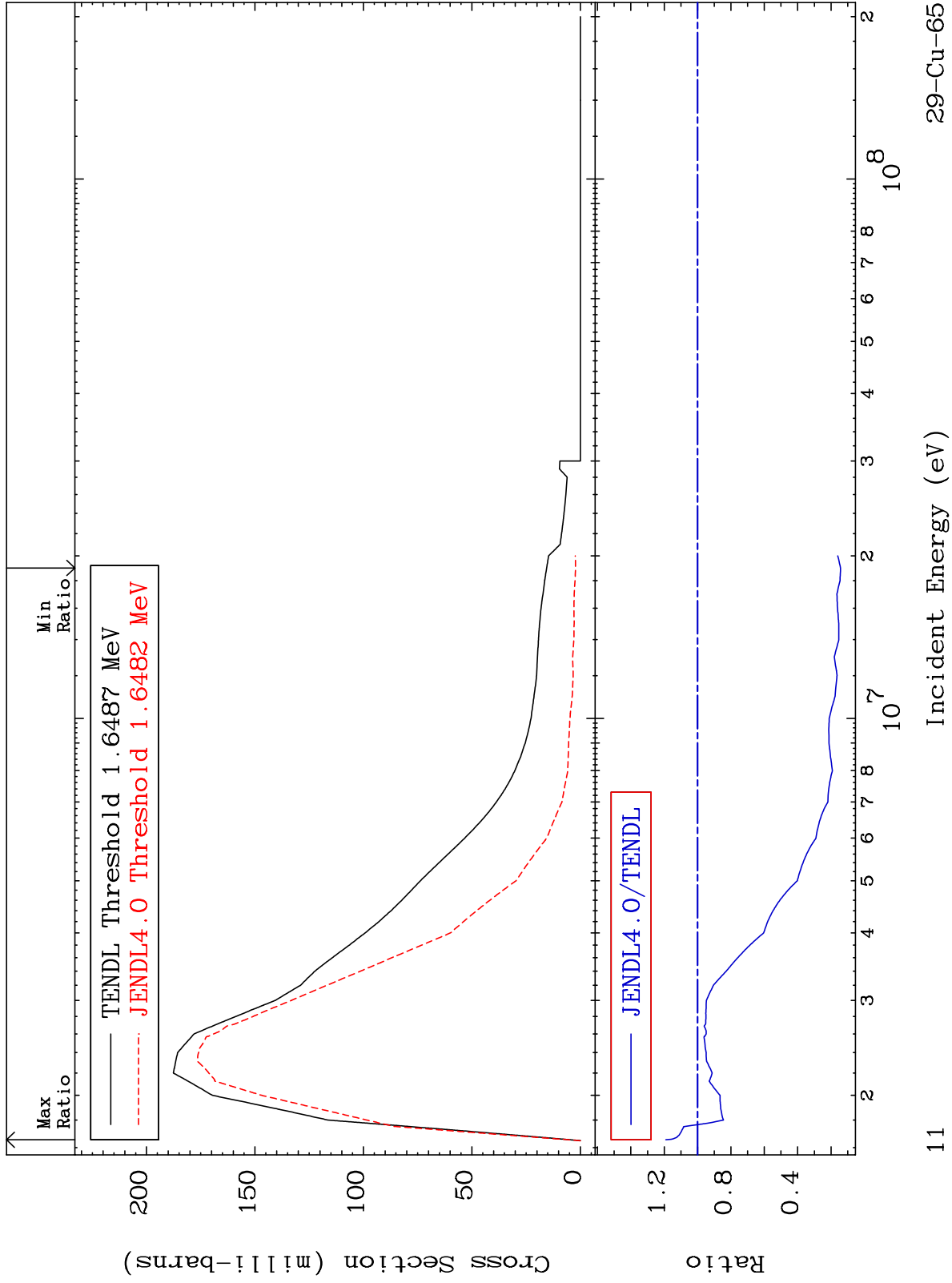
Incident Energy (eV)

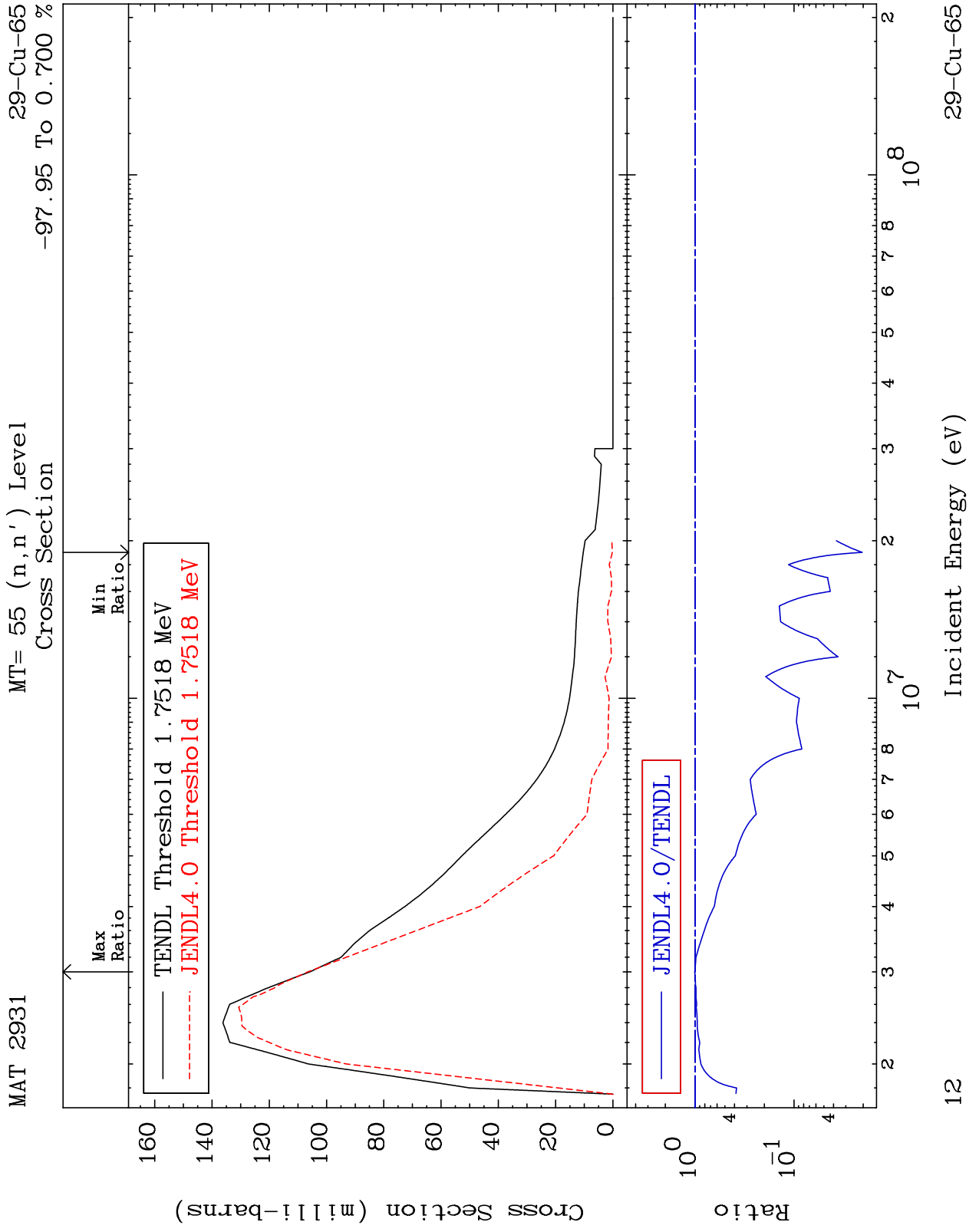
29-Cu-65

MAT 2931

MT= 54 (n,n') Level
Cross Section

29-Cu-65
-85.71 To 19.02 %

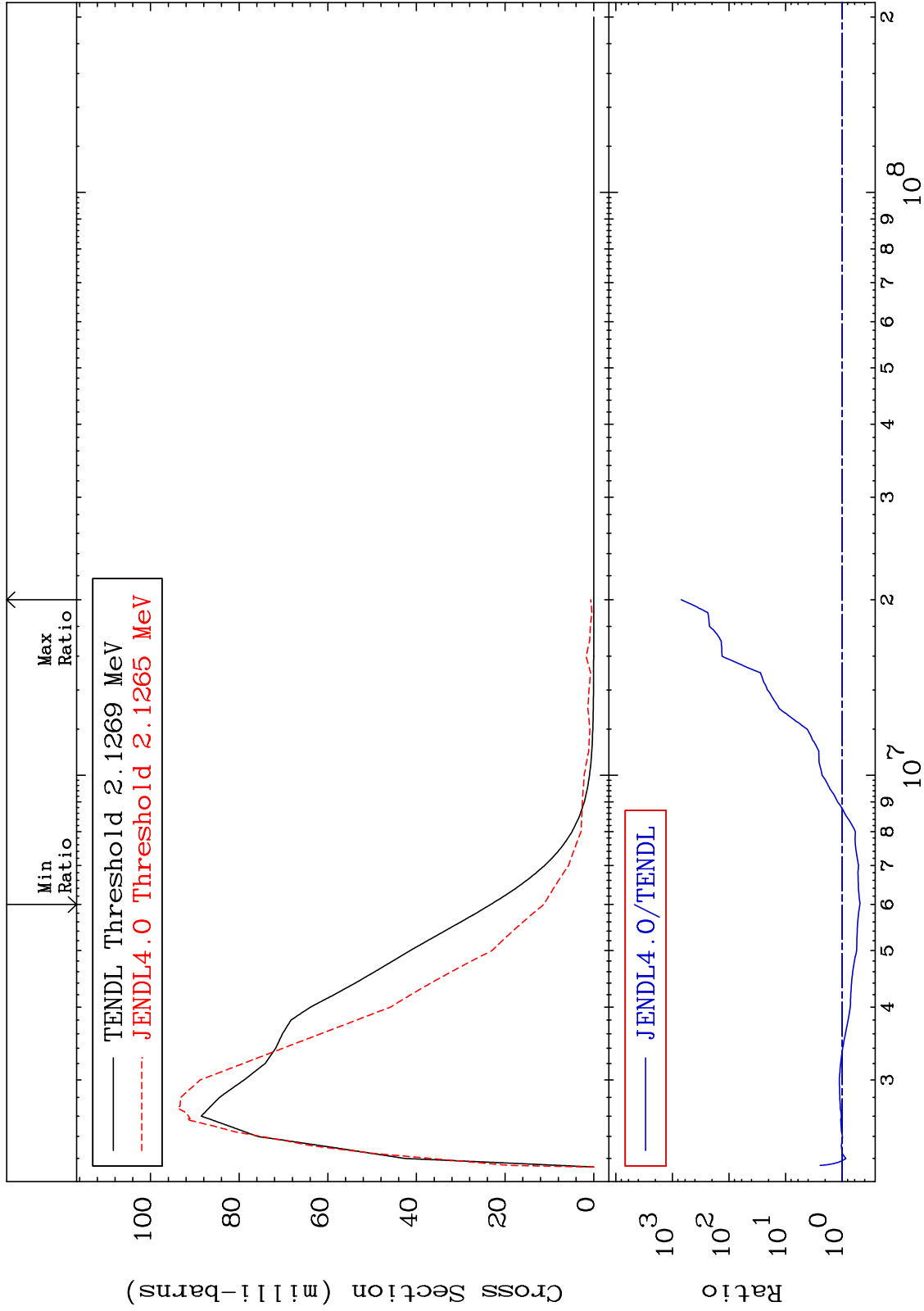




MAT 2931

MT= 56 (n,n') Level
Cross Section

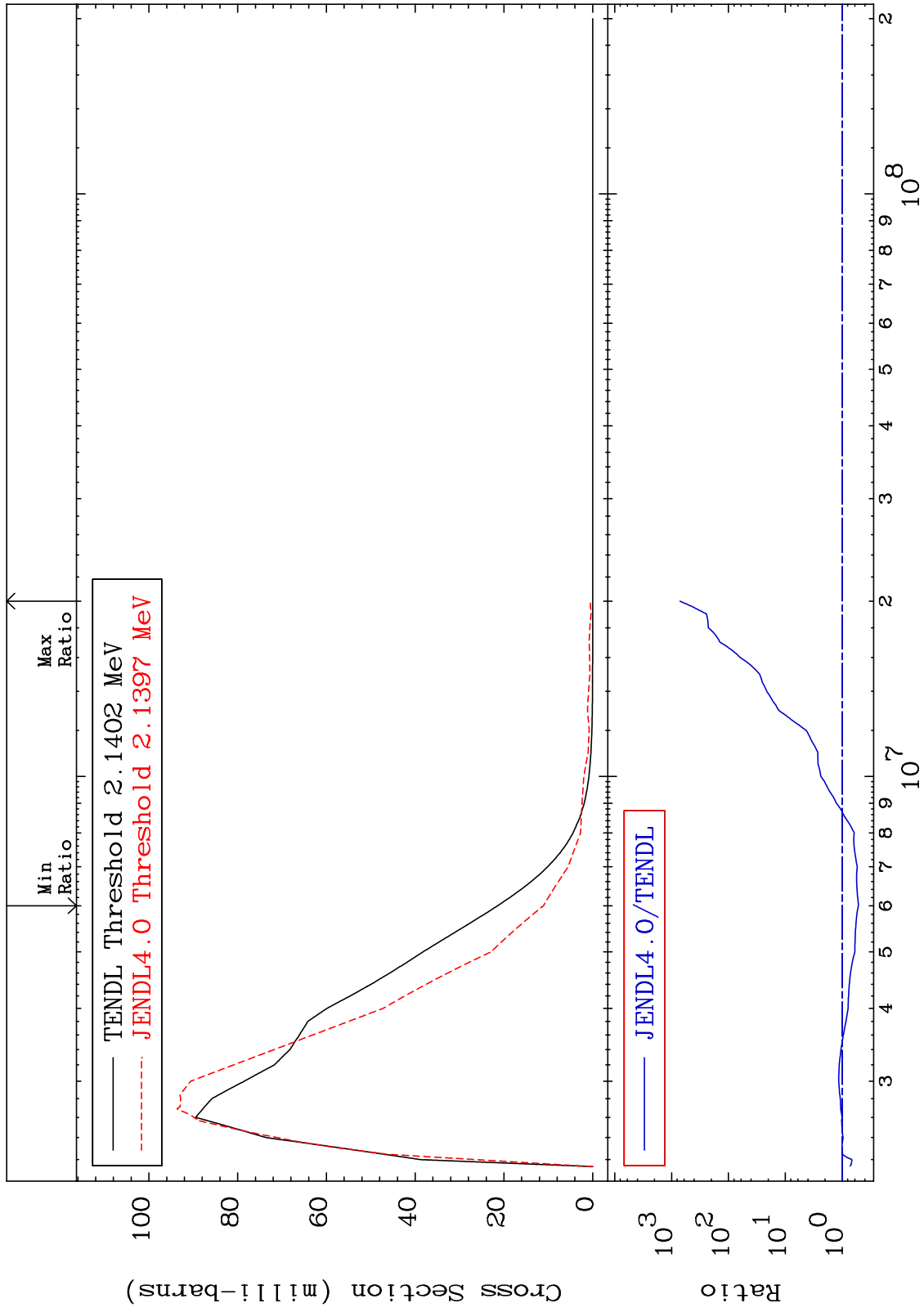
29-Cu-65
-51.48 To 9999. %



MAT 2931

MT= 57 (n,n') Level
Cross Section

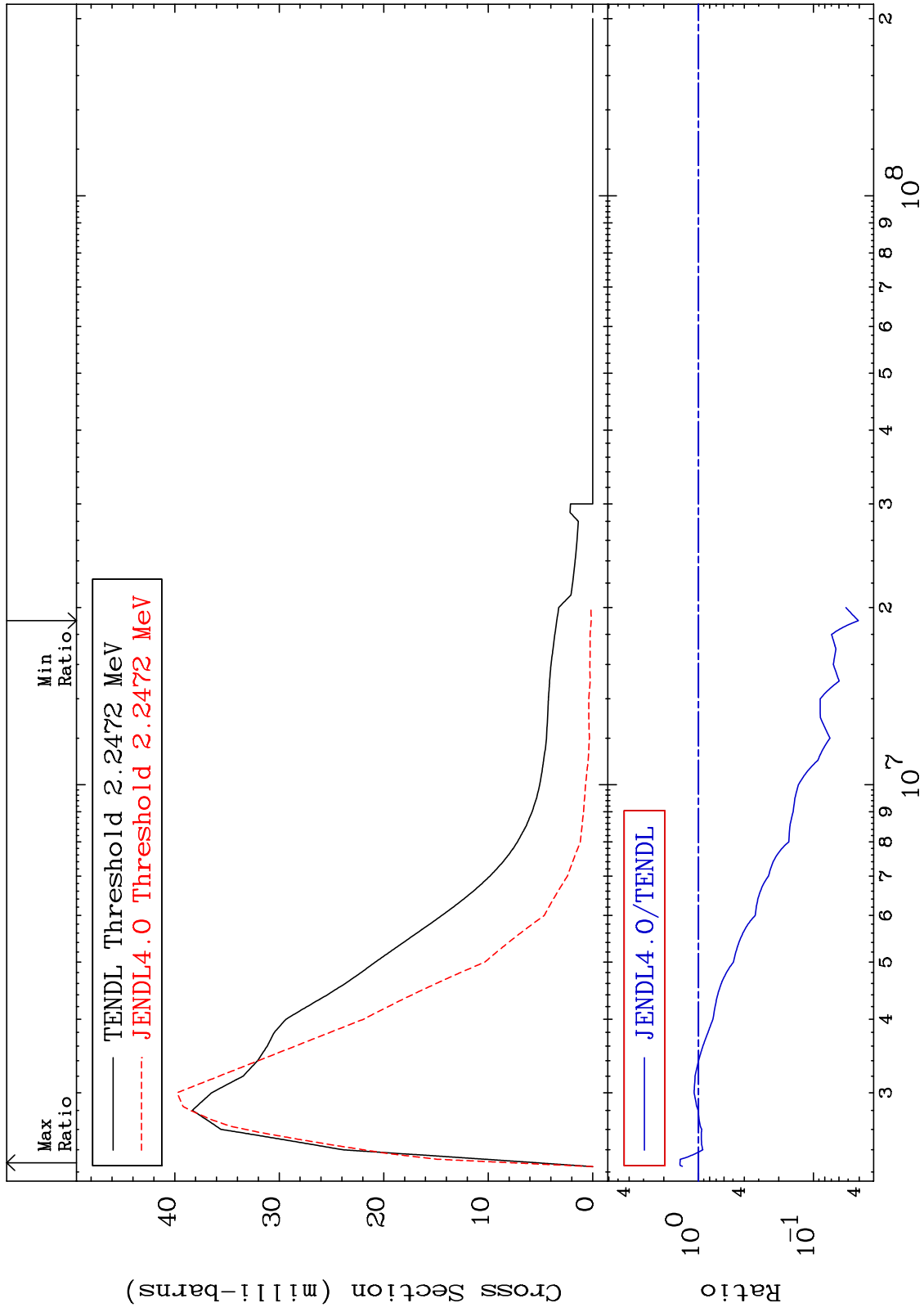
29-Cu-65
-48.15 To 9999. %



MAT 2931

MT= 58 (n,n') Level
Cross Section

29-Cu-65
-95.93 To 44.47 %



15

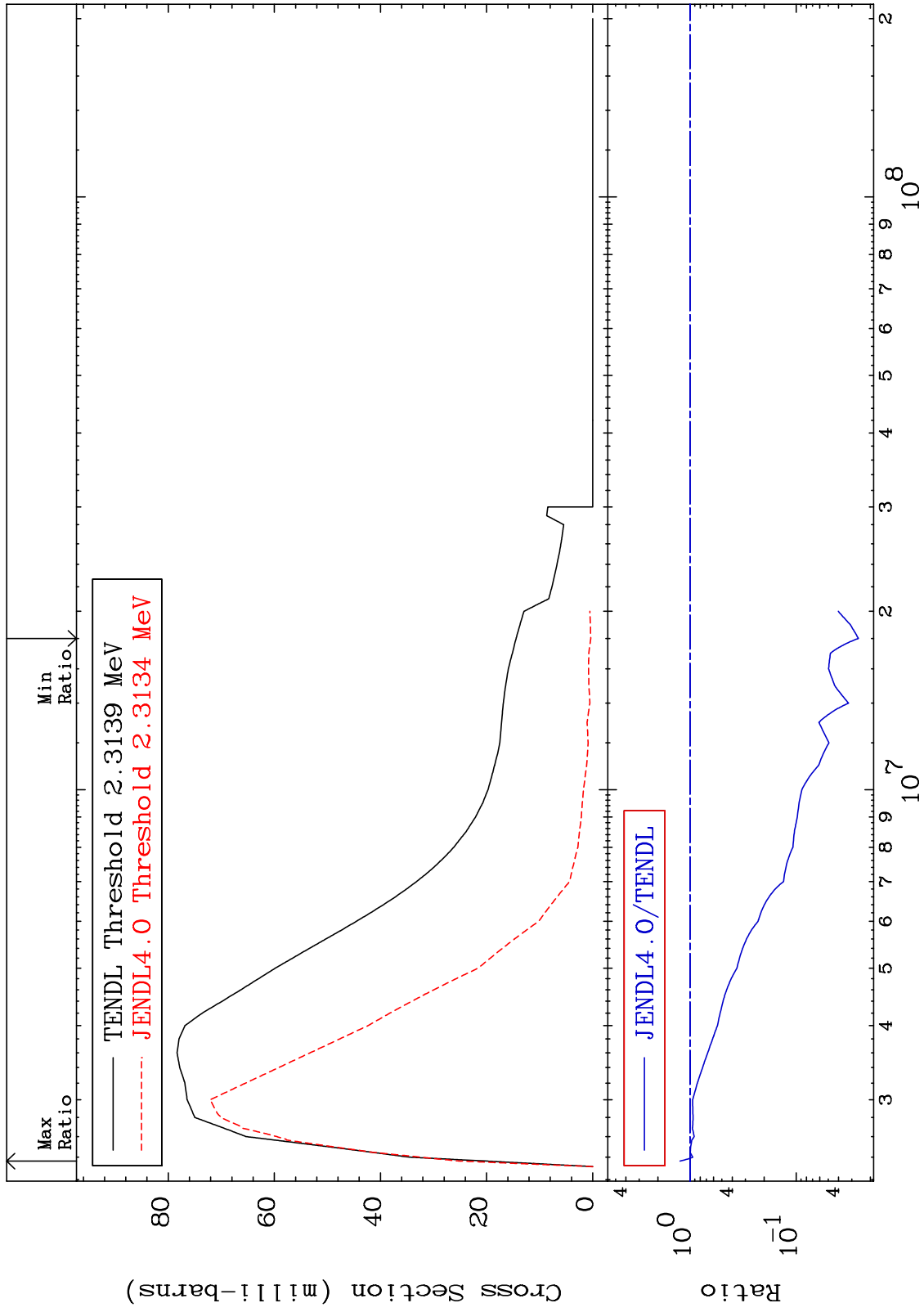
Incident Energy (eV)

29-Cu-65

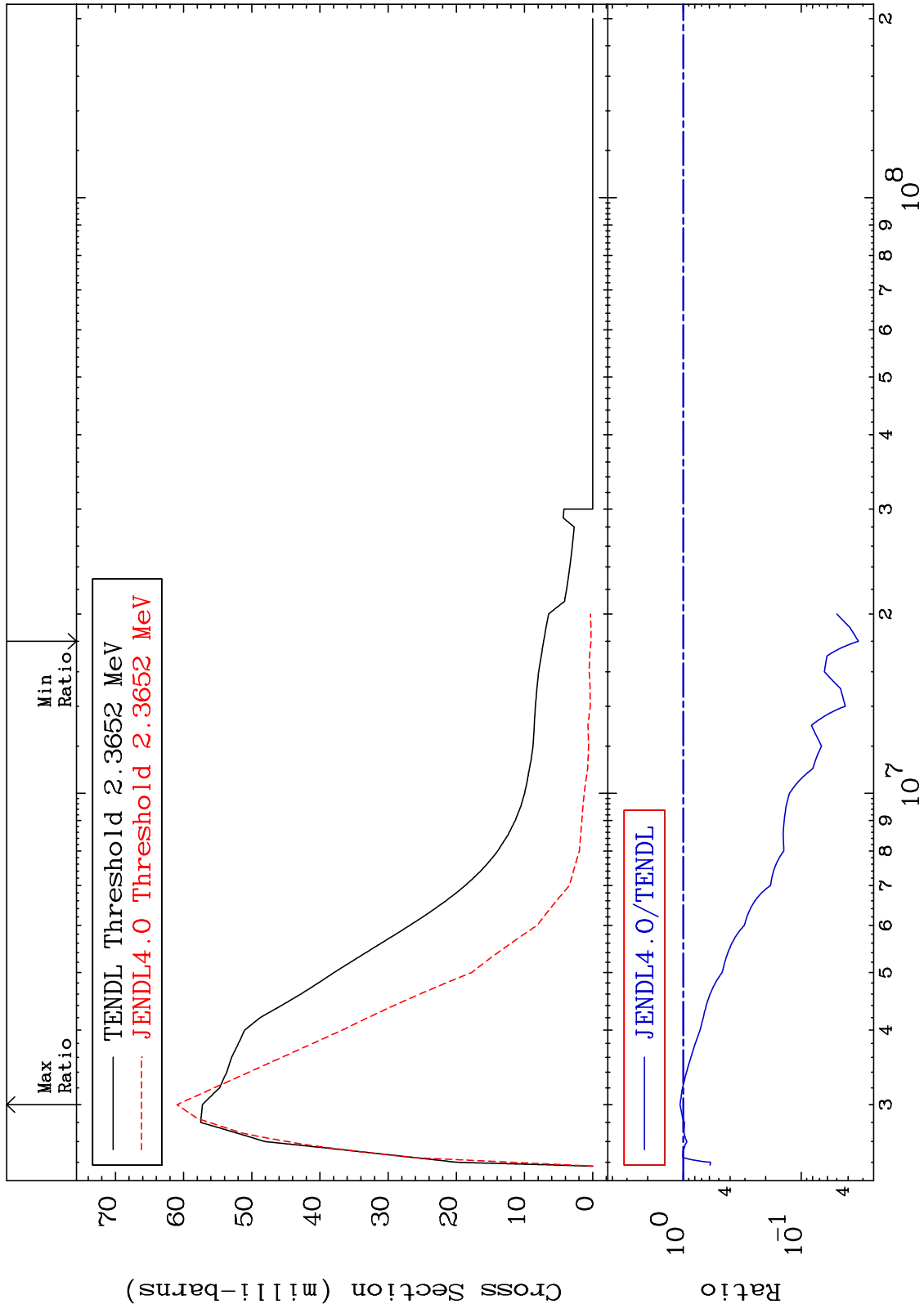
MAT 2931

MT= 59 (n,n') Level
Cross Section

29-Cu-65
-97.40 To 23.96 %



MAT 2931 MT= 60 (n,n') Level Cross Section 29-Cu-65
 -96.73 To 6.516 %

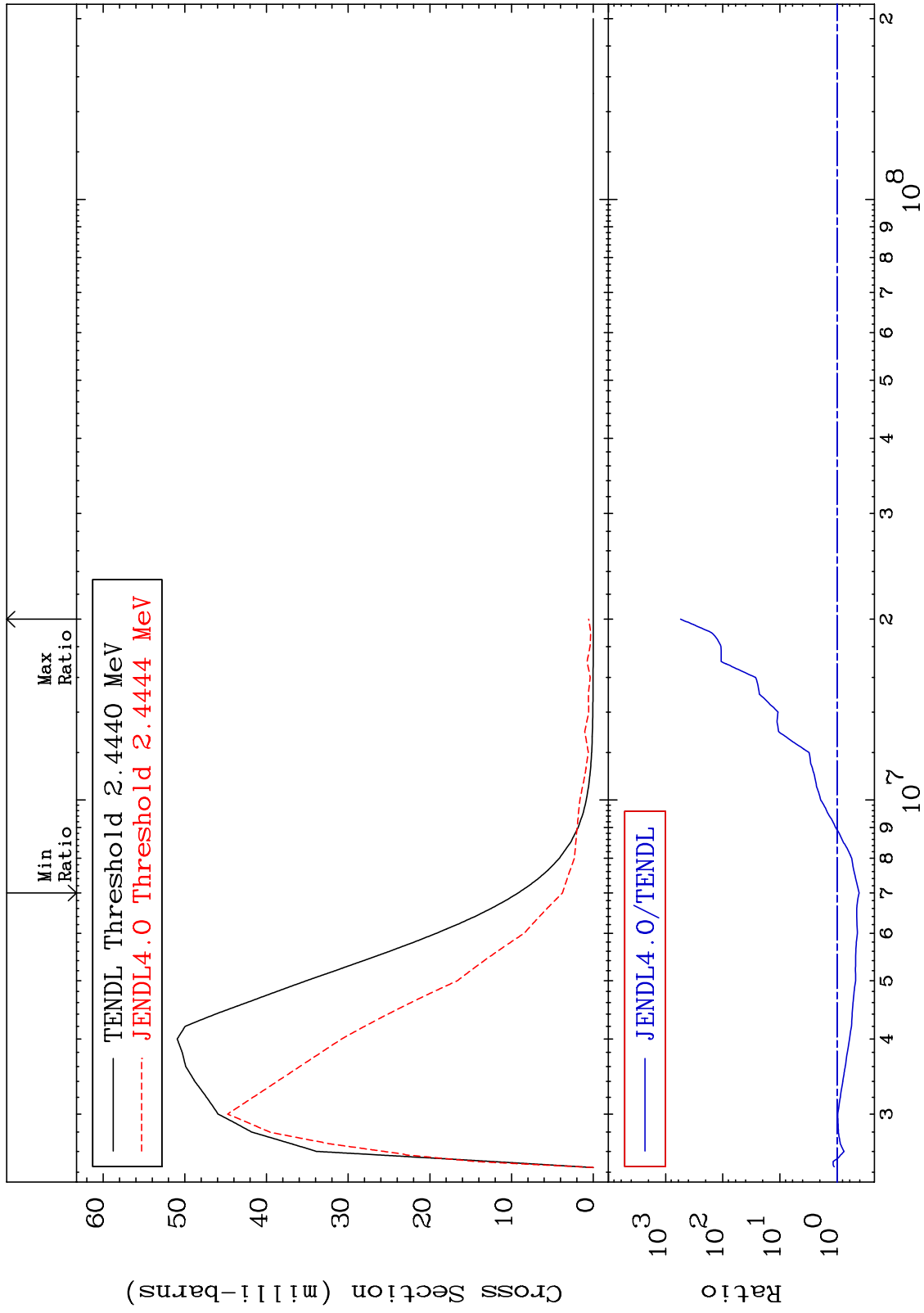


17 Incident Energy (eV) 29-Cu-65

MAT 2931

MT= 61 (n,n') Level
Cross Section

29-Cu-65
-58.96 To 9999. %



18

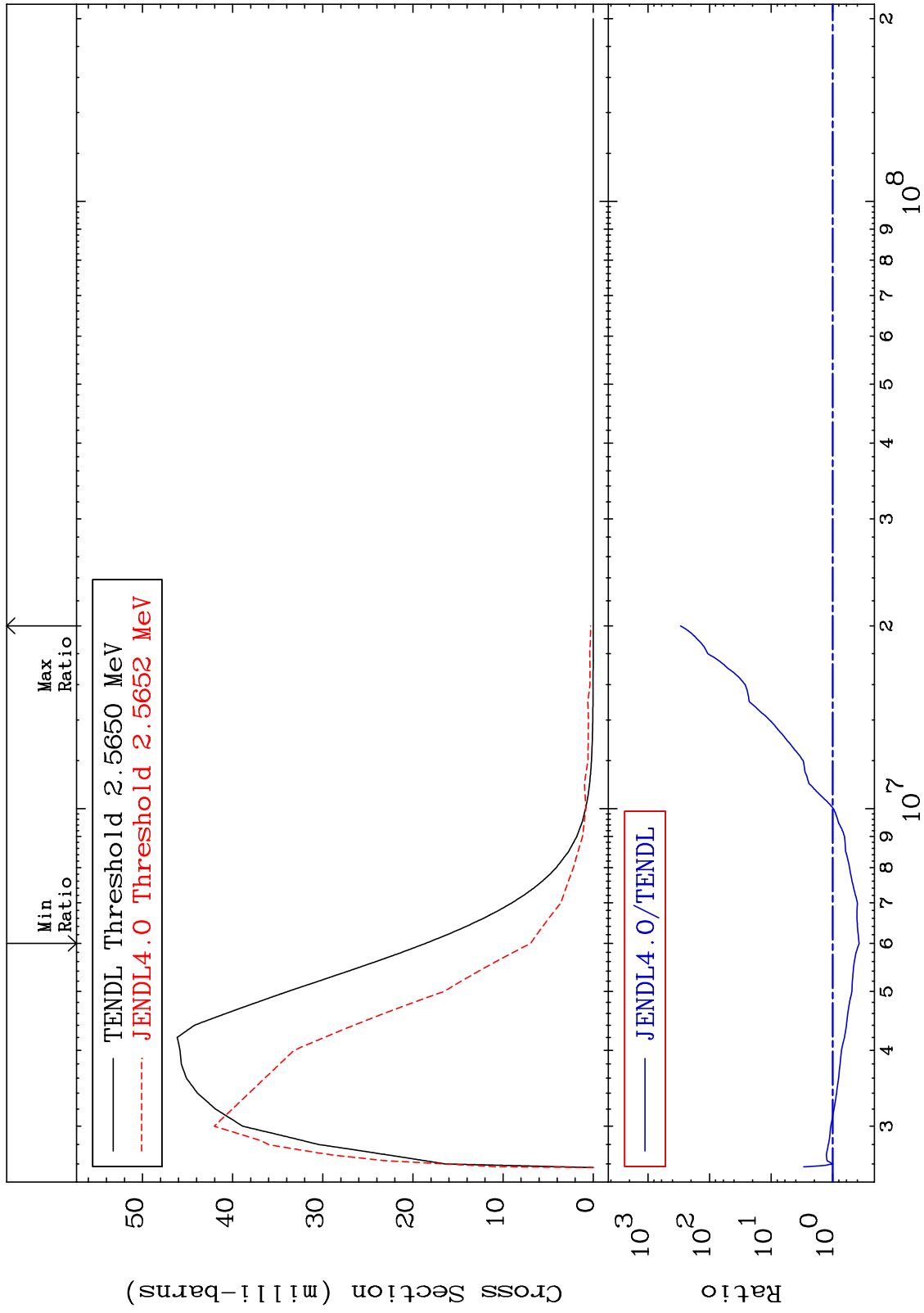
Incident Energy (eV)

29-Cu-65

MAT 2931

MT= 62 (n,n') Level
Cross Section

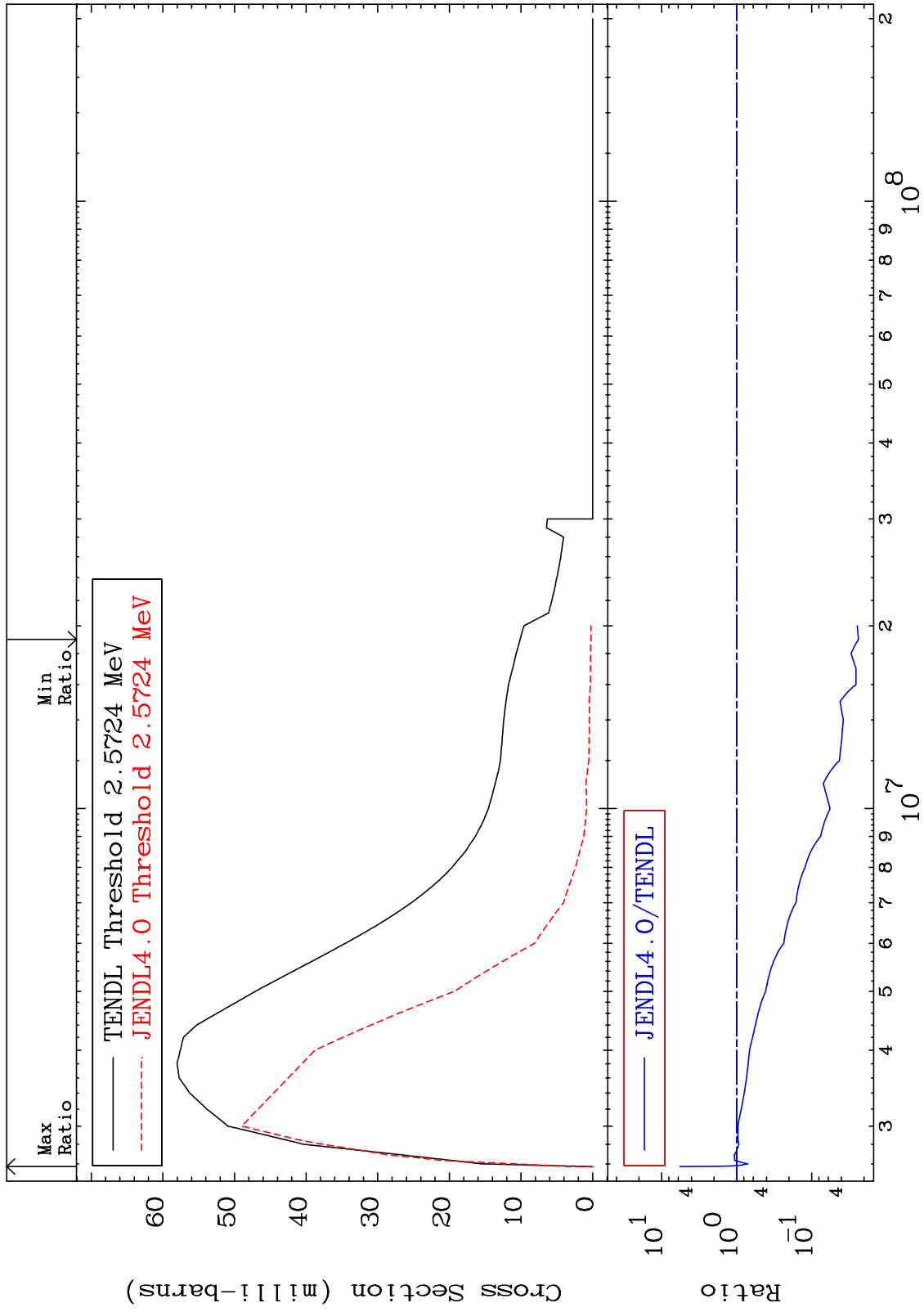
29-Cu-65
-62.66 To 9999. %



MAT 2931

MT= 63 (n,n') Level
Cross Section

29-Cu-65
-97.63 To 468.3 %



20

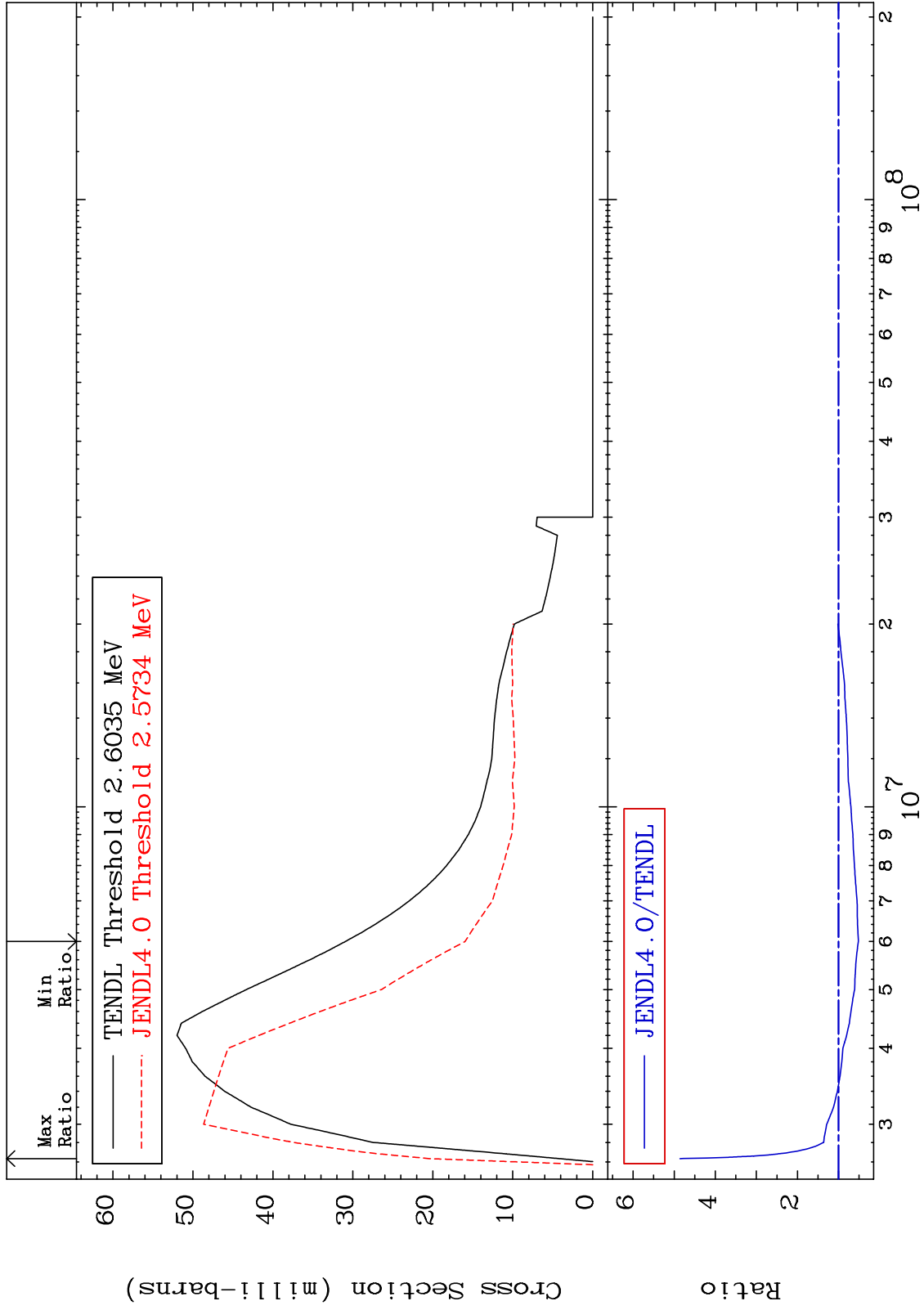
Incident Energy (eV)

29-Cu-65

MAT 2931

MT= 64 (n,n') Level
Cross Section

29-Cu-65
-48.38 To 385.8 %



21

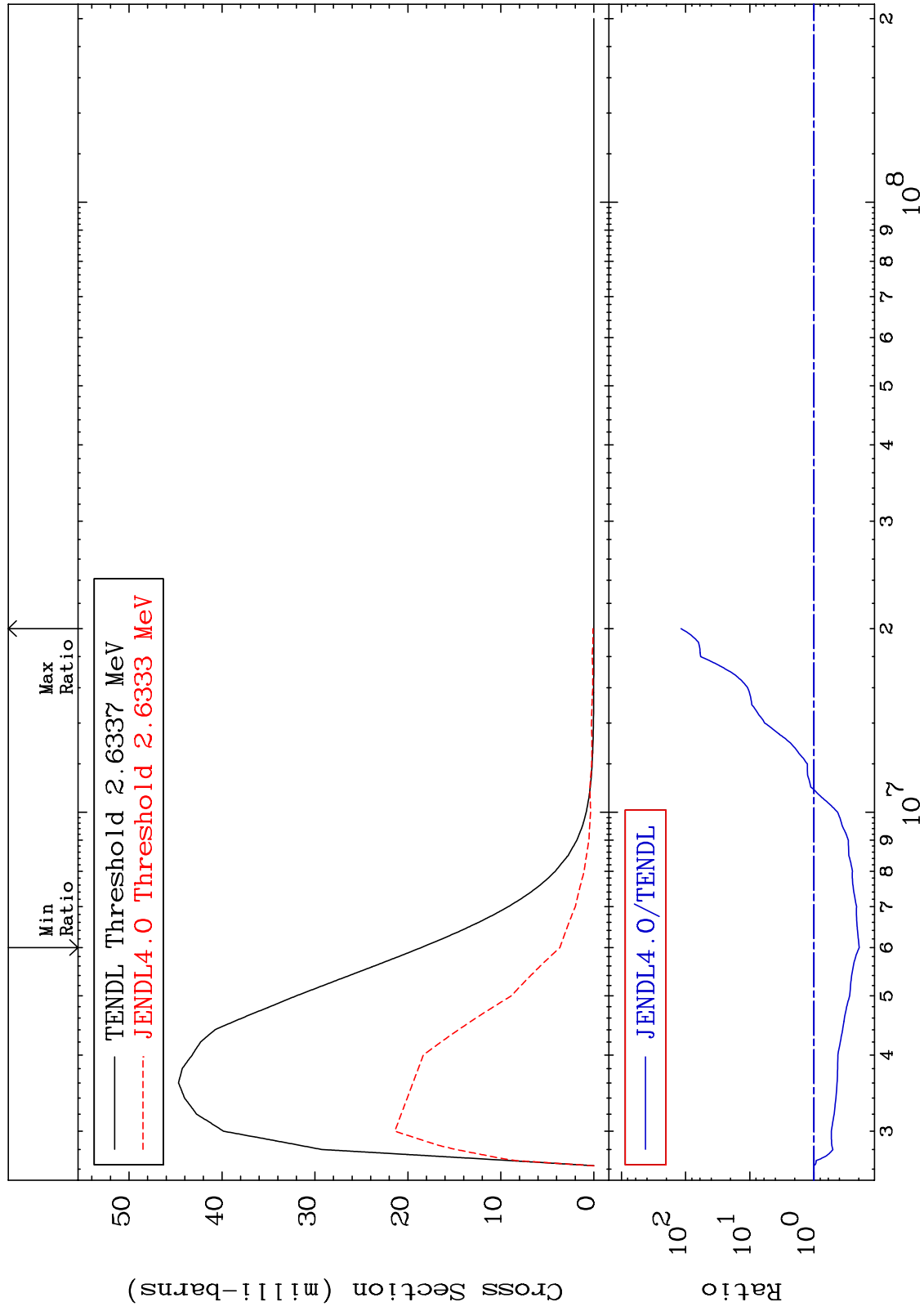
Incident Energy (eV)

29-Cu-65

MAT 2931

MT= 65 (n,n') Level
Cross Section

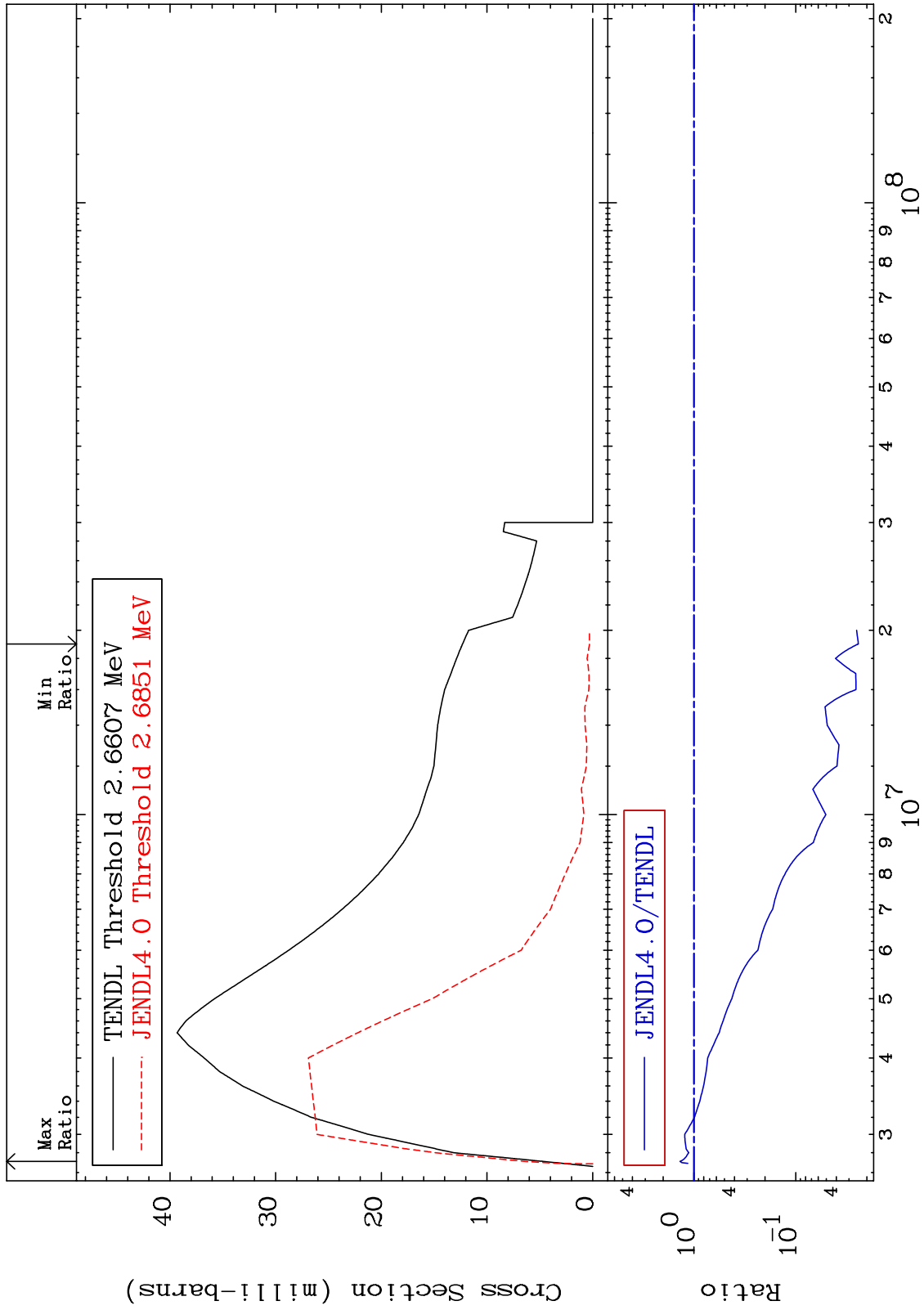
29-Cu-65
-80.35 To 9999. %



MAT 2931

MT= 66 (n,n') Level
Cross Section

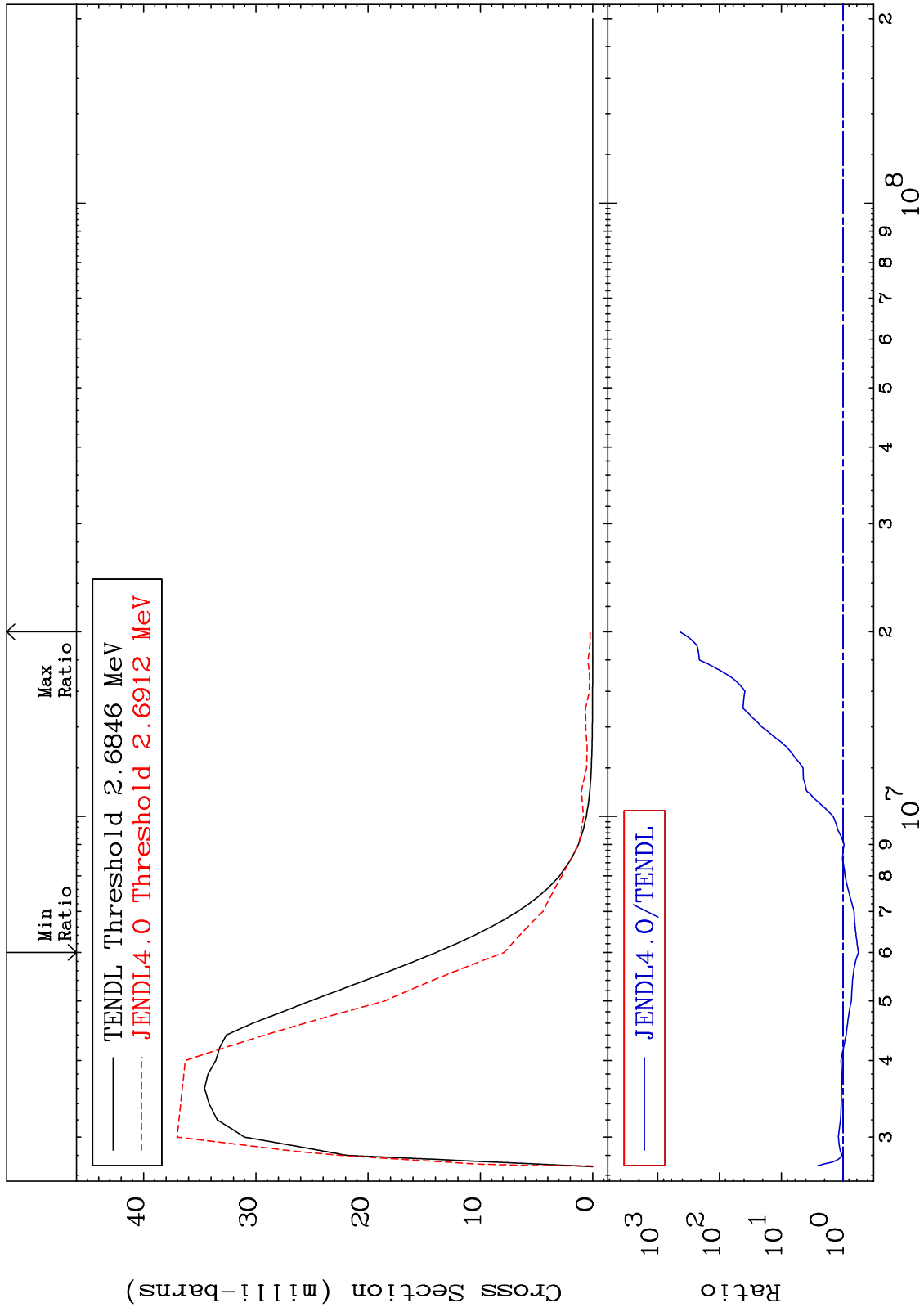
29-Cu-65
-97.58 To 36.64 %



MAT 2931

MT= 67 (n,n') Level
Cross Section

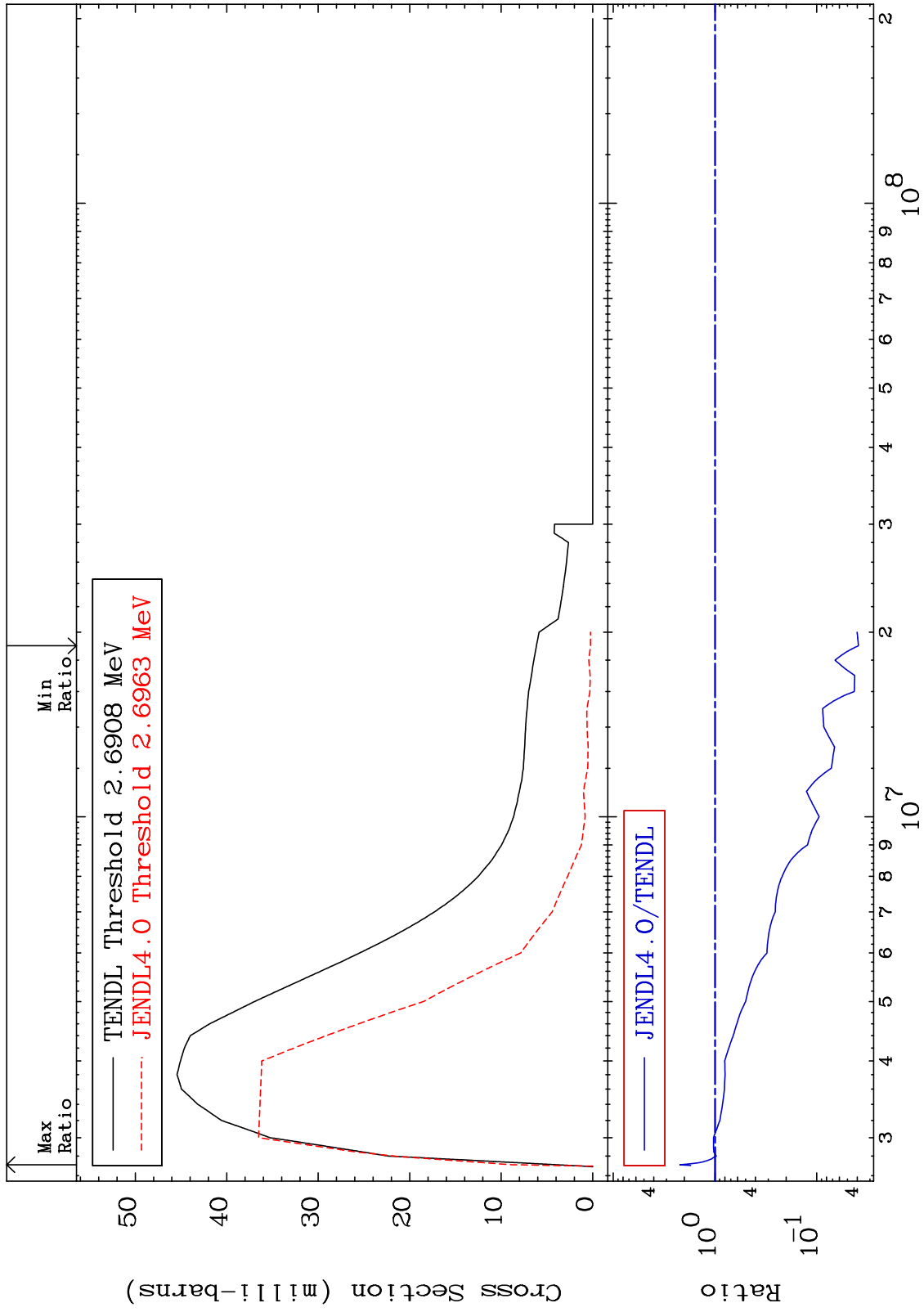
29-Cu-65
-43.46 To 9999. %



MAT 2931

MT= 68 (n,n') Level
Cross Section

29-Cu-65
-96.10 To 120.7 %



25

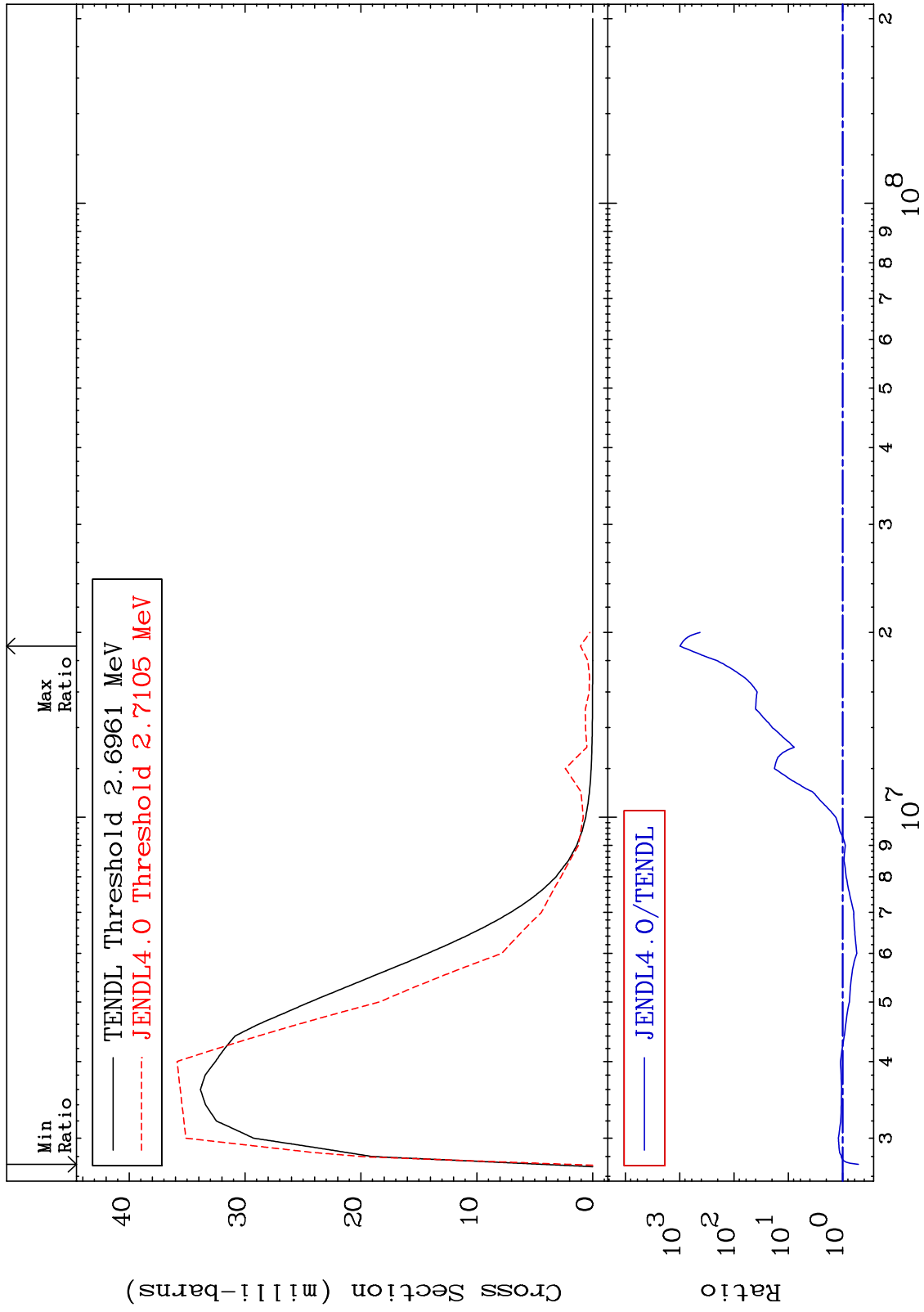
Incident Energy (eV)

29-Cu-65

MAT 2931

MT= 69 (n,n') Level
Cross Section

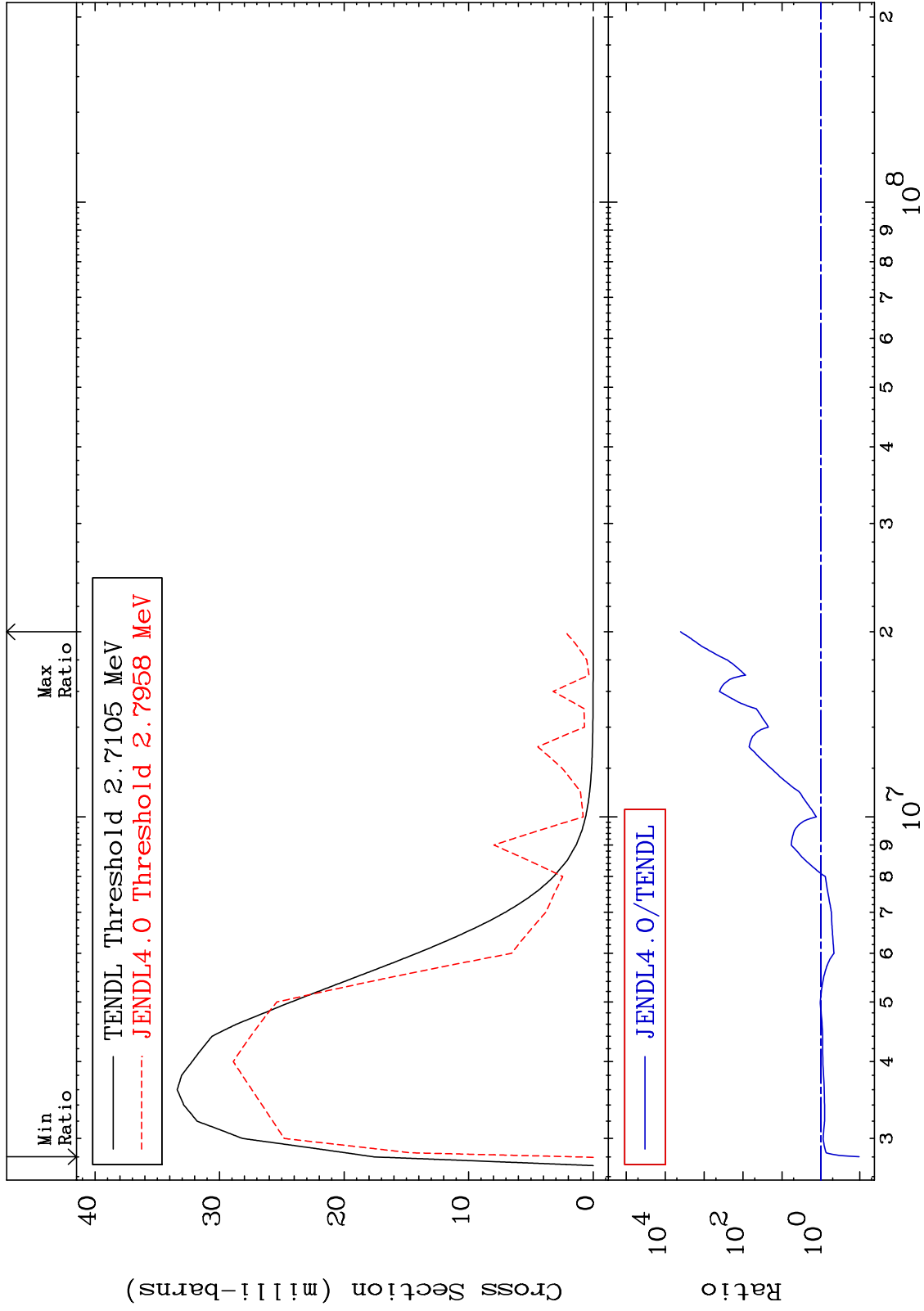
29-Cu-65
-48.62 To 9999. %



MAT 2931

MT= 70 (n,n') Level
Cross Section

29-Cu-65
-89.57 To 9999. %



27

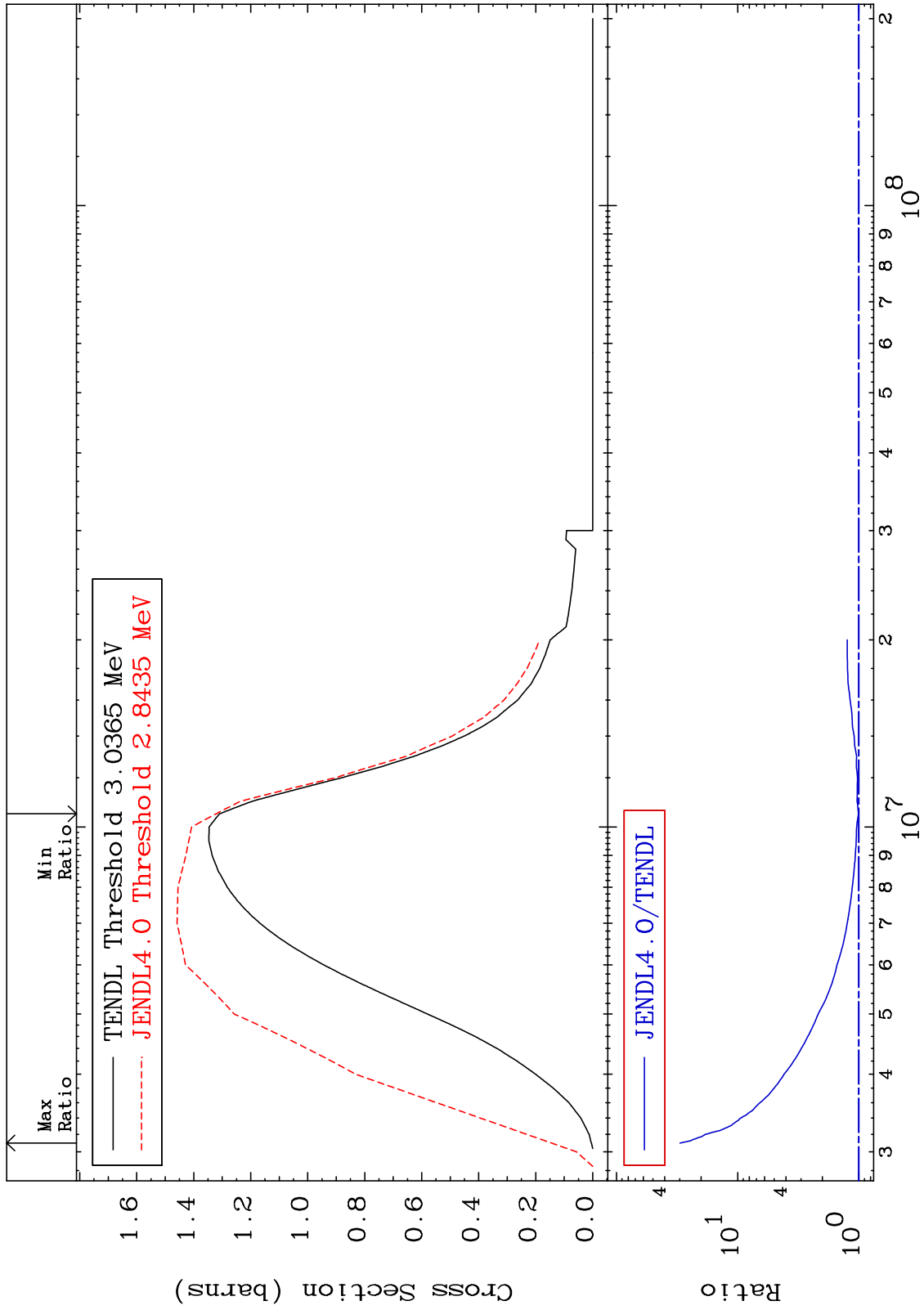
Incident Energy (eV)

29-Cu-65

MAT 2931

(n,n') Continuum
Cross Section

29-Cu-65
0.928 To 2889. %



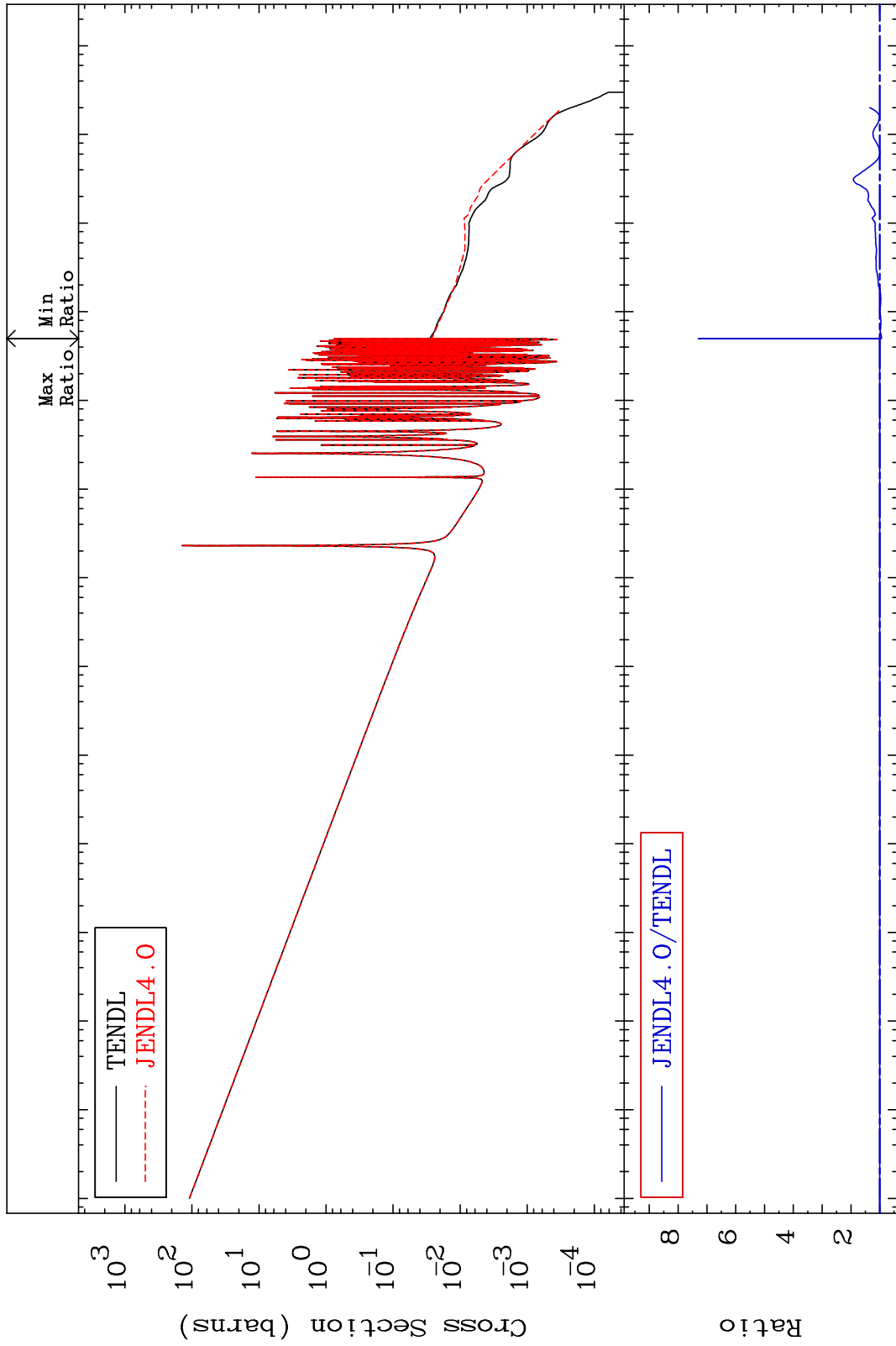
MAT 2931

(n, γ)

29-Cu-65

Cross Section

-6.310 To 629.8 %



29

Incident Energy (eV)

29-Cu-65

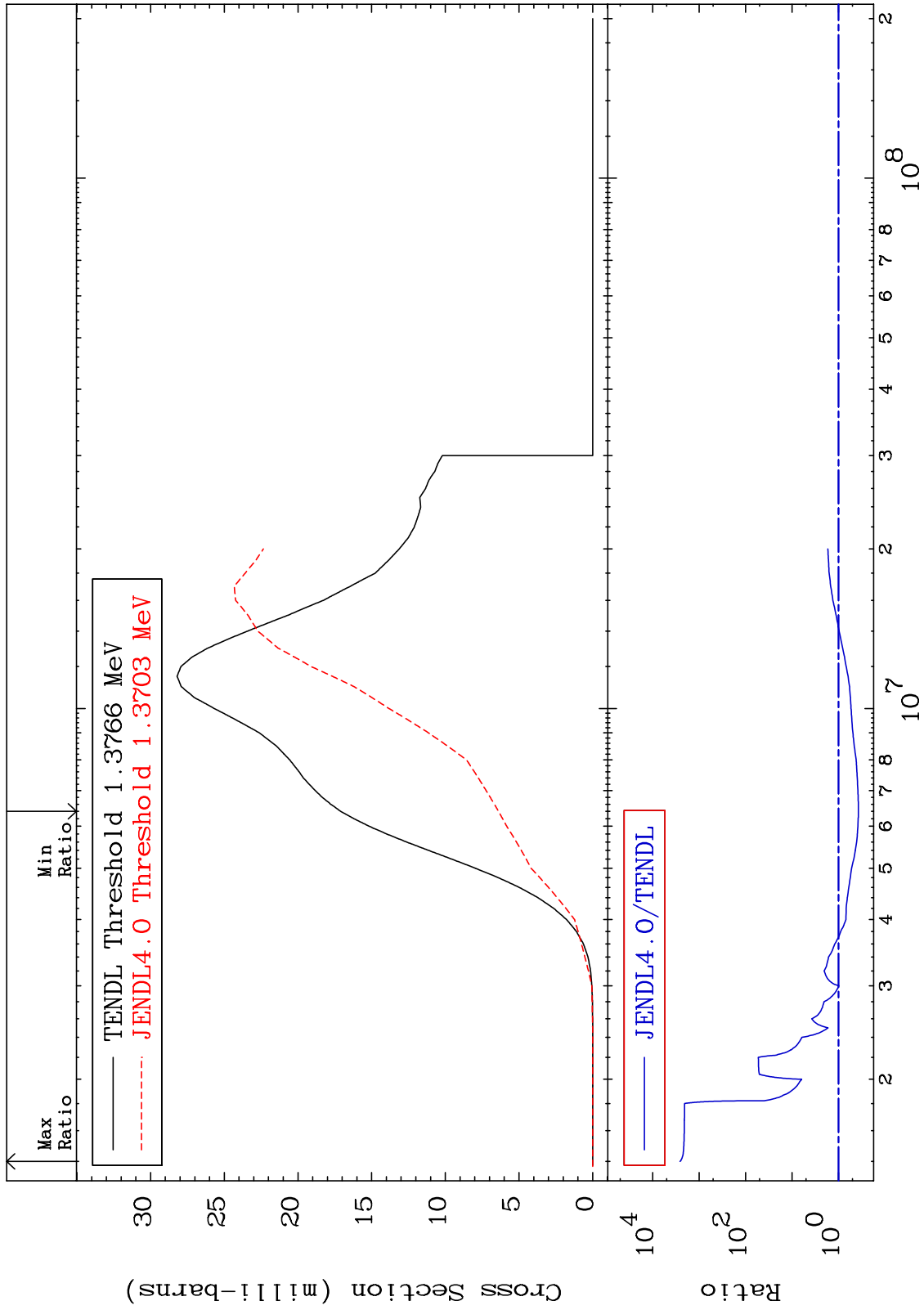
MAT 2931

(n,p)

29-Cu-65

Cross Section

-62.62 To 9999. %



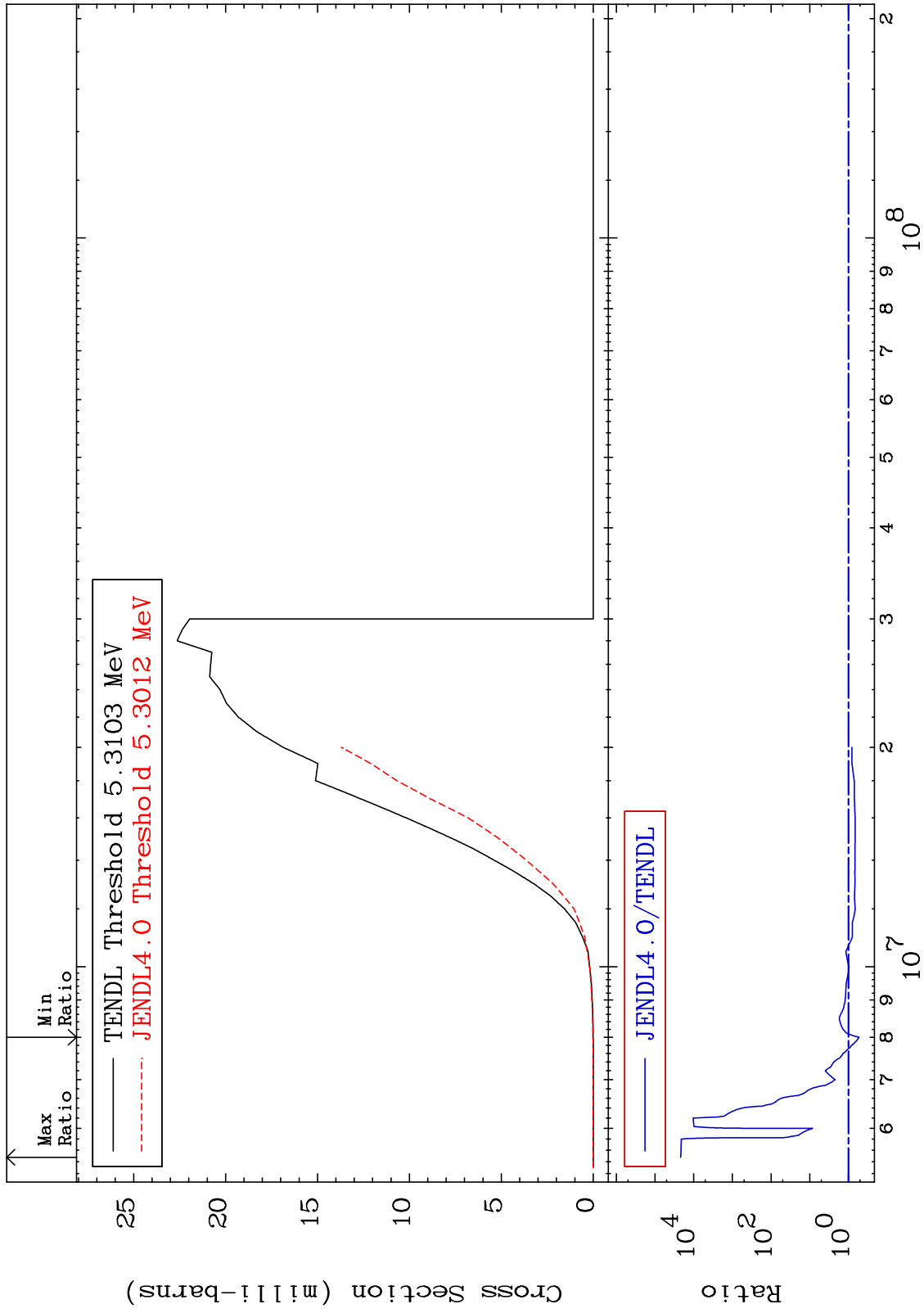
MAT 2931

(n,d)

29-Cu-65

Cross Section

-47.27 To 9999. %



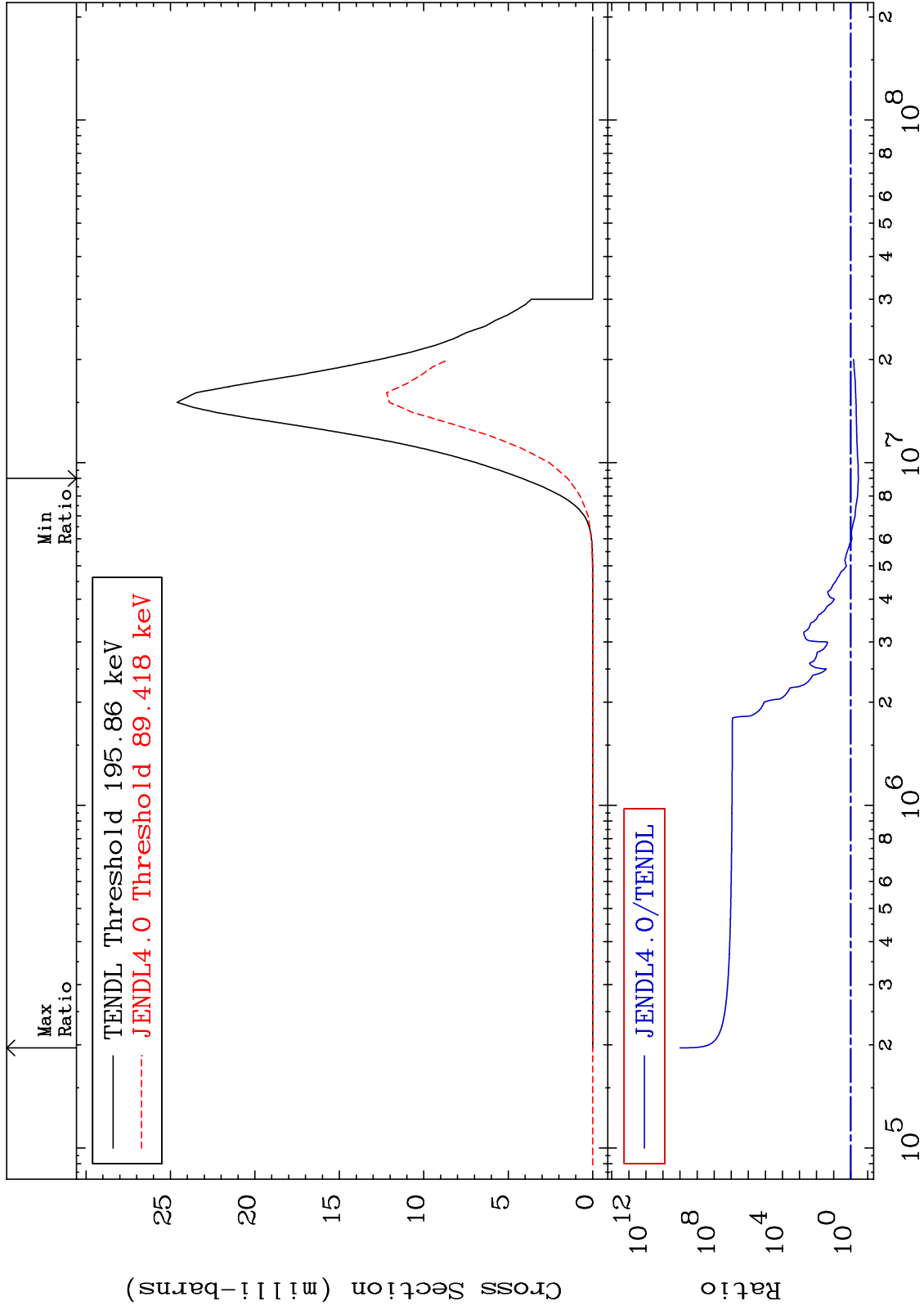
MAT 2931

(n, α)

29-Cu-65

Cross Section

-64.55 To 9999. %



32

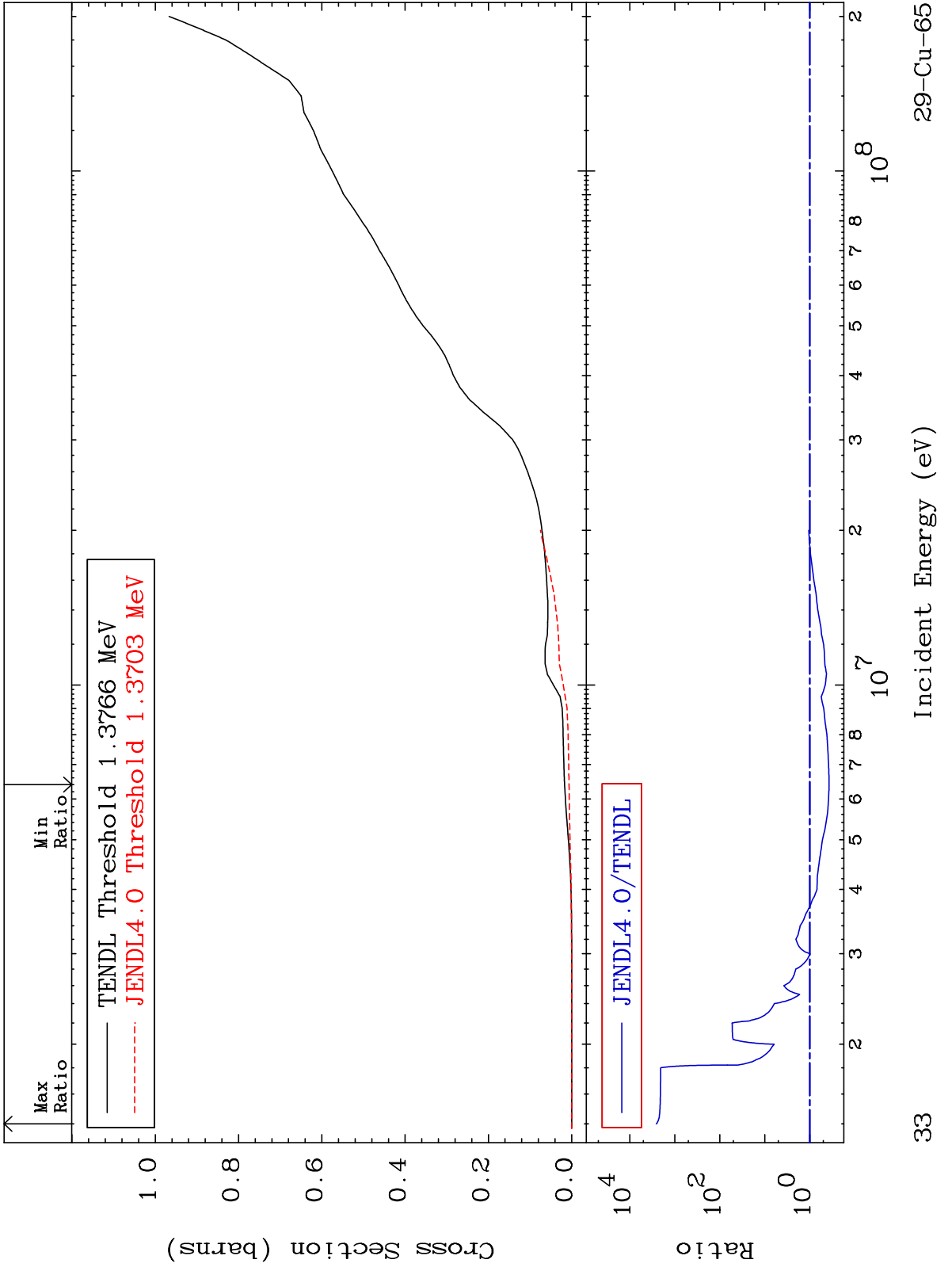
Incident Energy (eV)

29-Cu-65

MAT 2931

Hydrogen Production
Cross Section

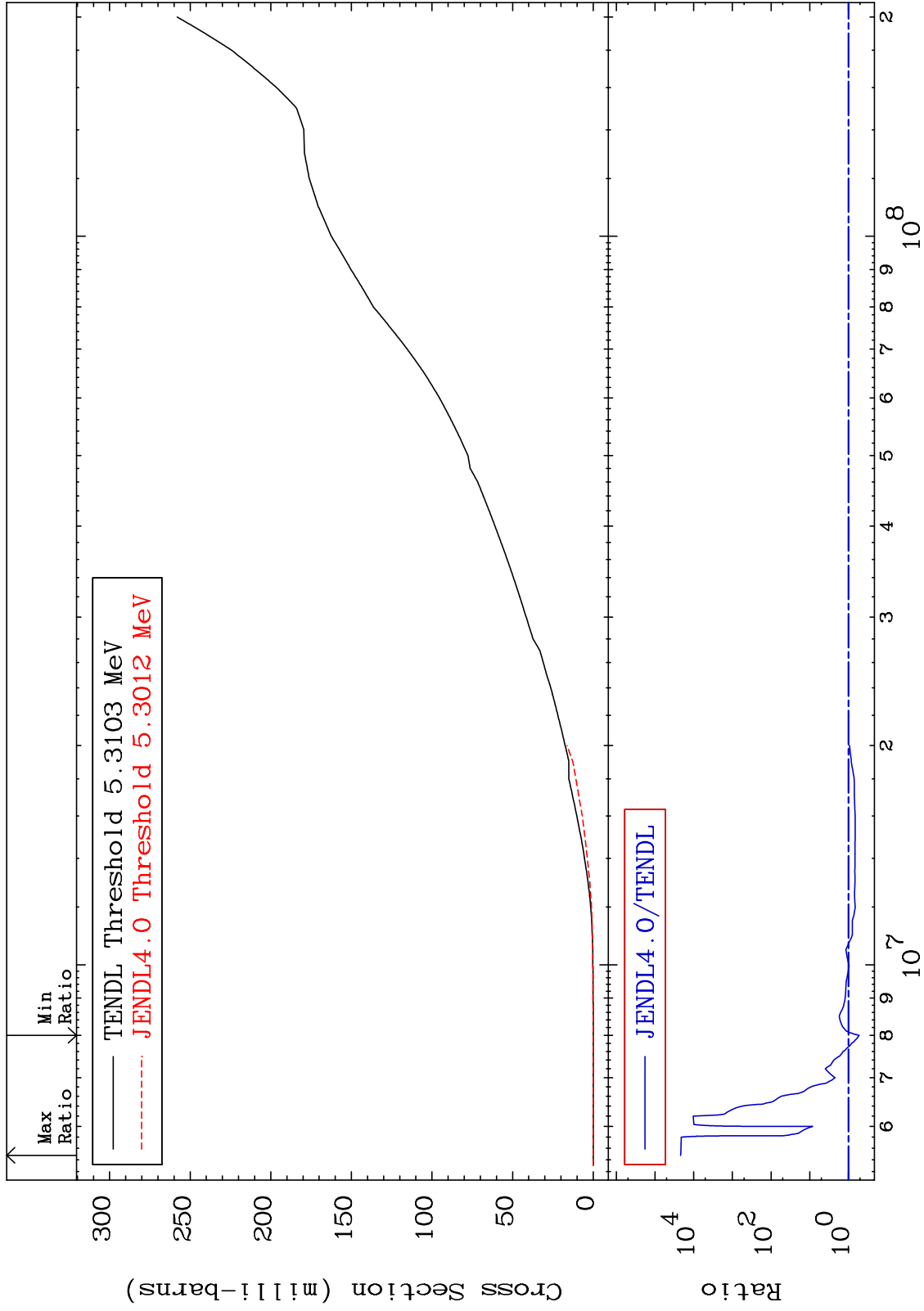
29-Cu-65
-62.62 To 9999. %



MAT 2931

Deuterium Production
Cross Section

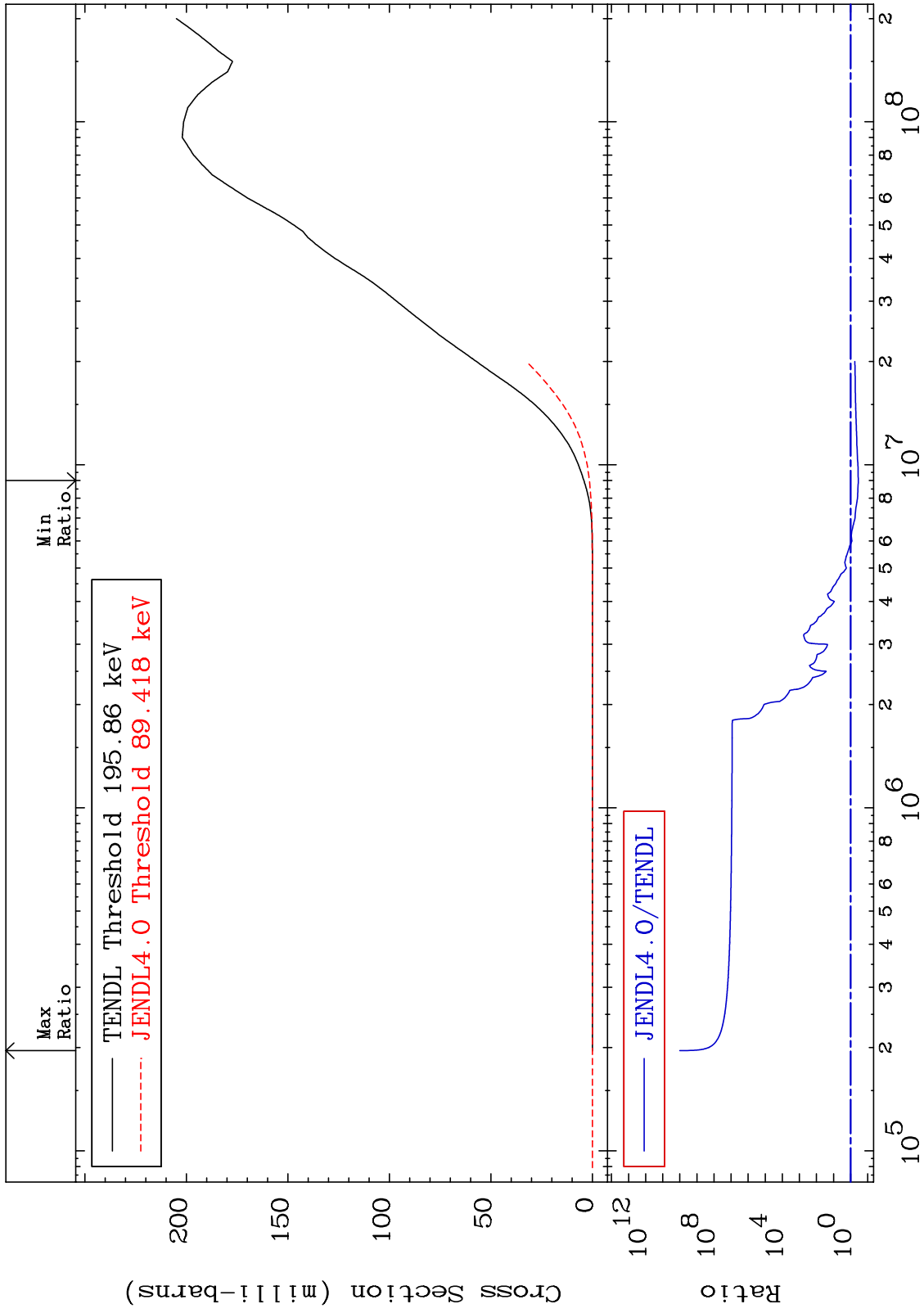
29-Cu-65
-47.27 To 9999. %



MAT 2931

He-4 Production
Cross Section

29-Cu-65
-64.55 To 9999. %



35

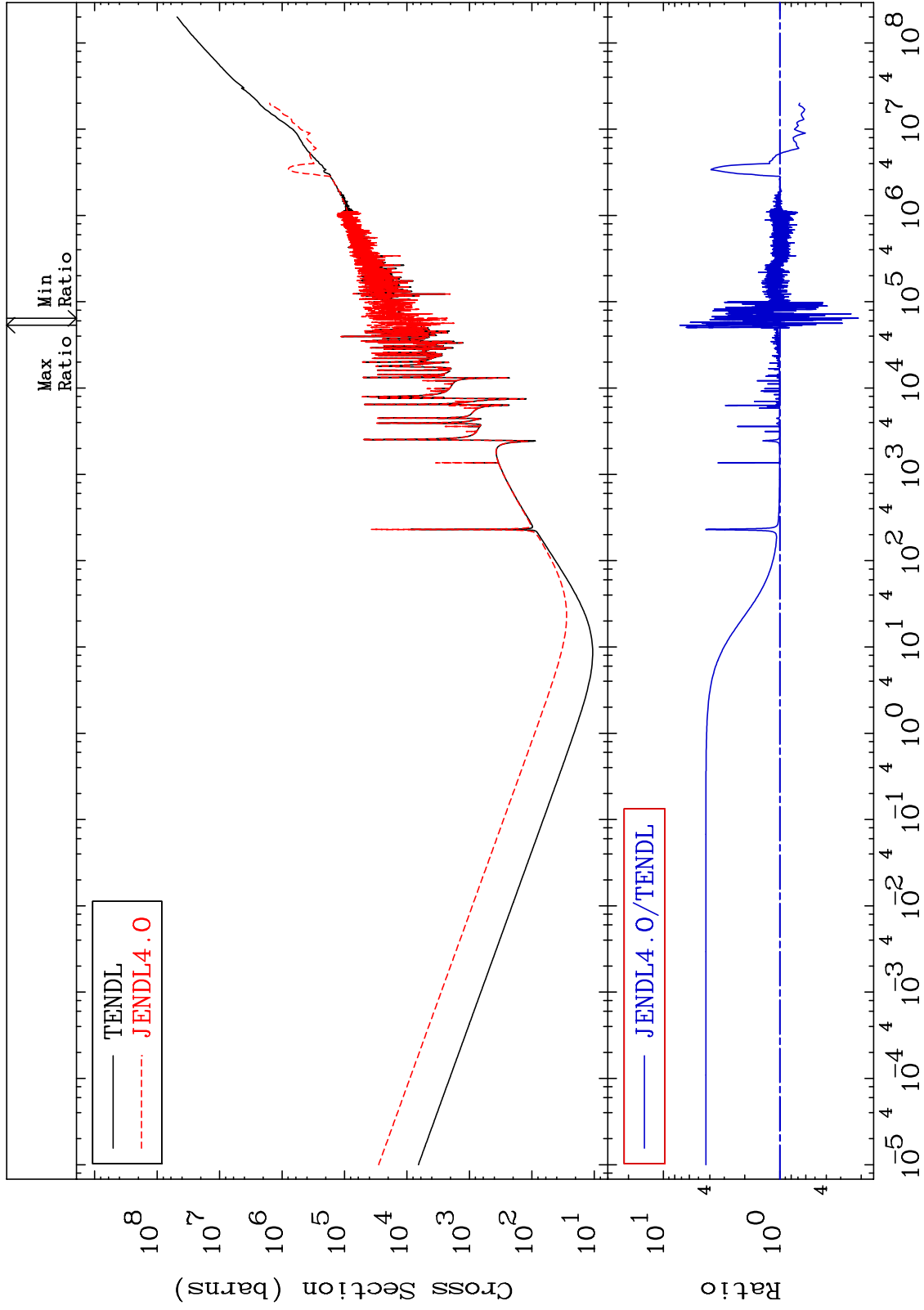
Incident Energy (eV)

29-Cu-65

MAT 2931

Kerma total (eV-barns)
Cross Section

29-Cu-65
-78.84 To 620.7 %



36

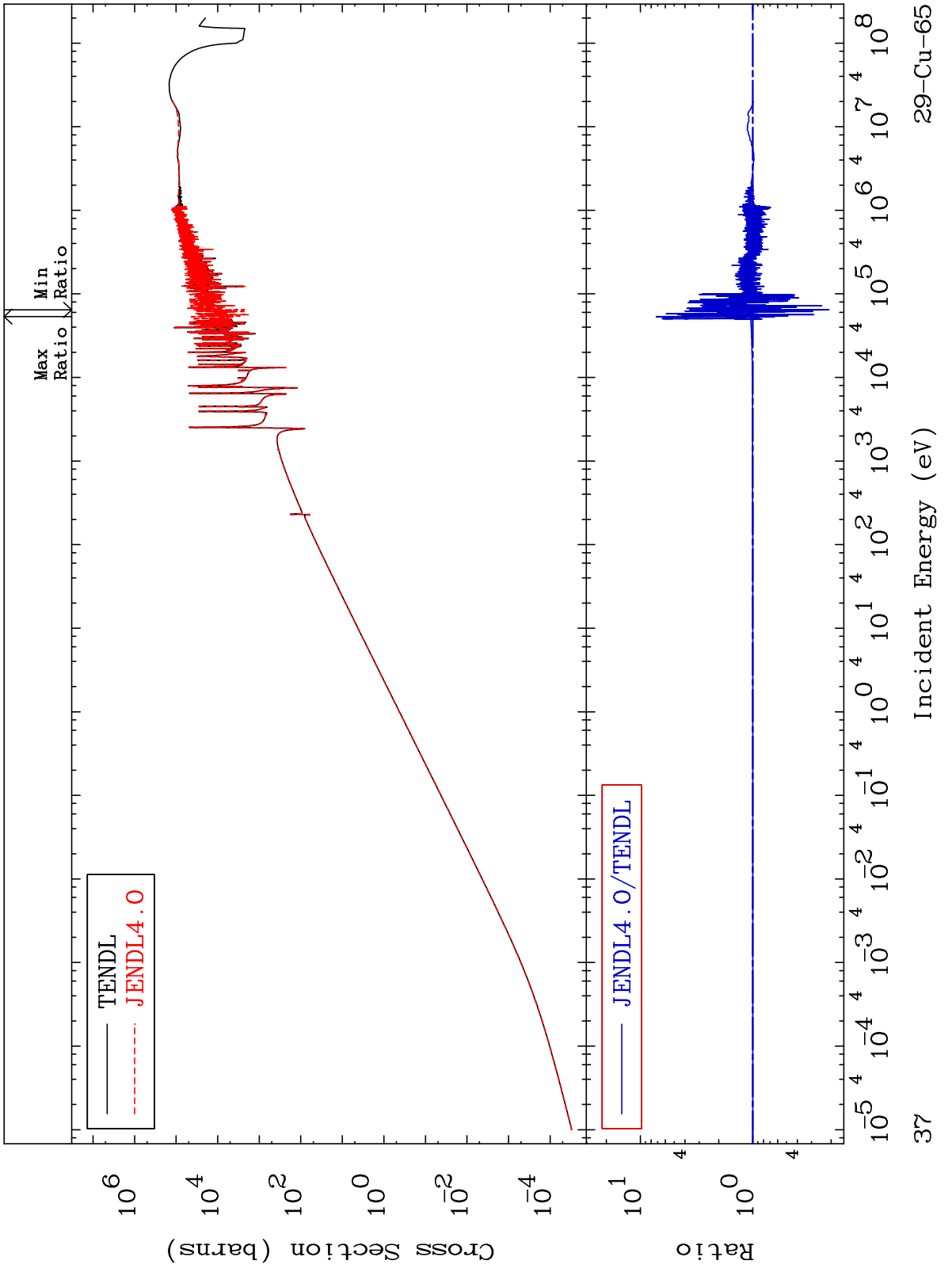
Incident Energy (eV)

29-Cu-65

MAT 2931

Kerma elastic
Cross Section

29-Cu-65
-79.10 To 620.4 %



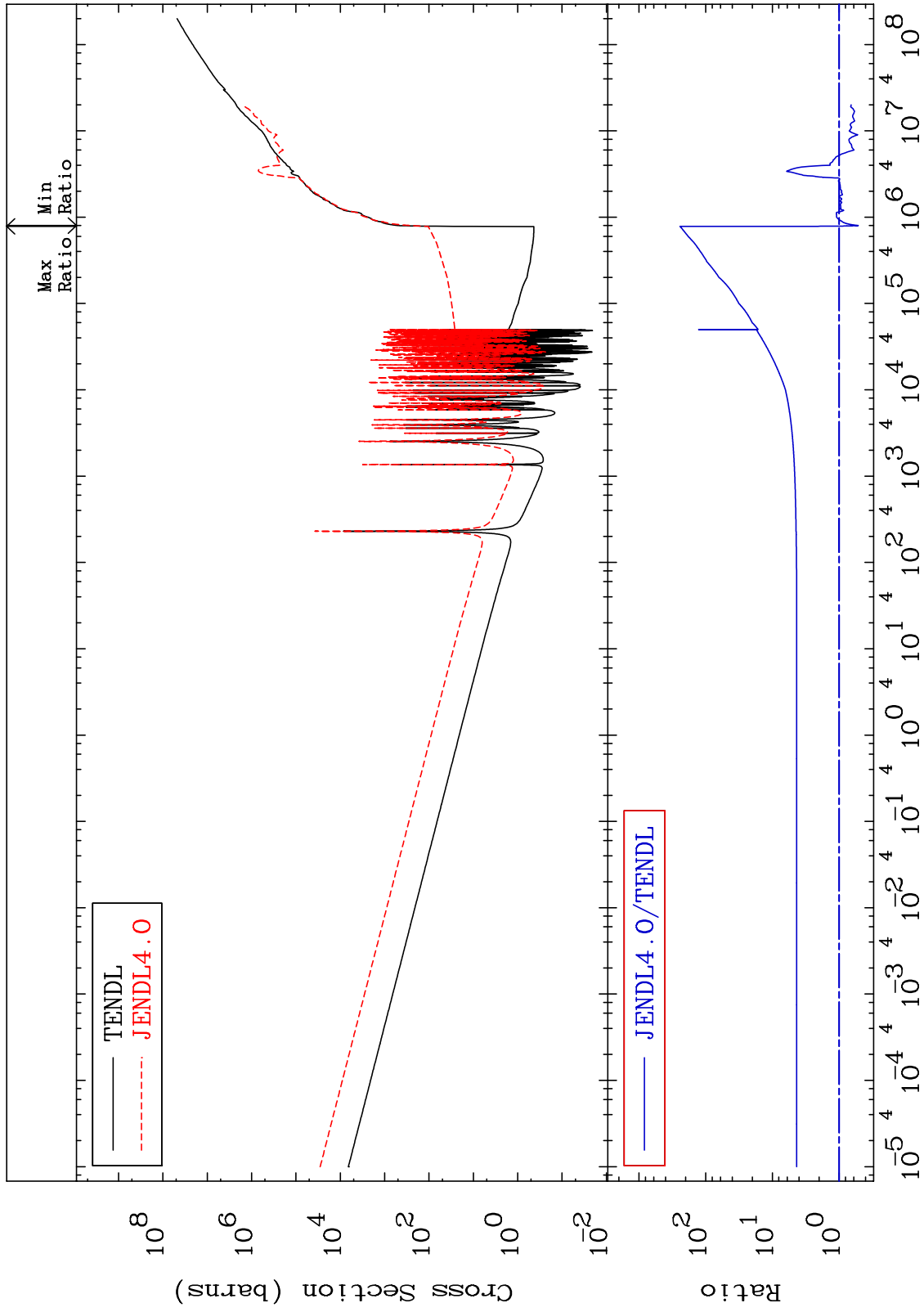
37

29-Cu-65

MAT 2931

Kerma non-elastic (all but mt2)
Cross Section

29-Cu-65
-48.69 To 9999. %



38

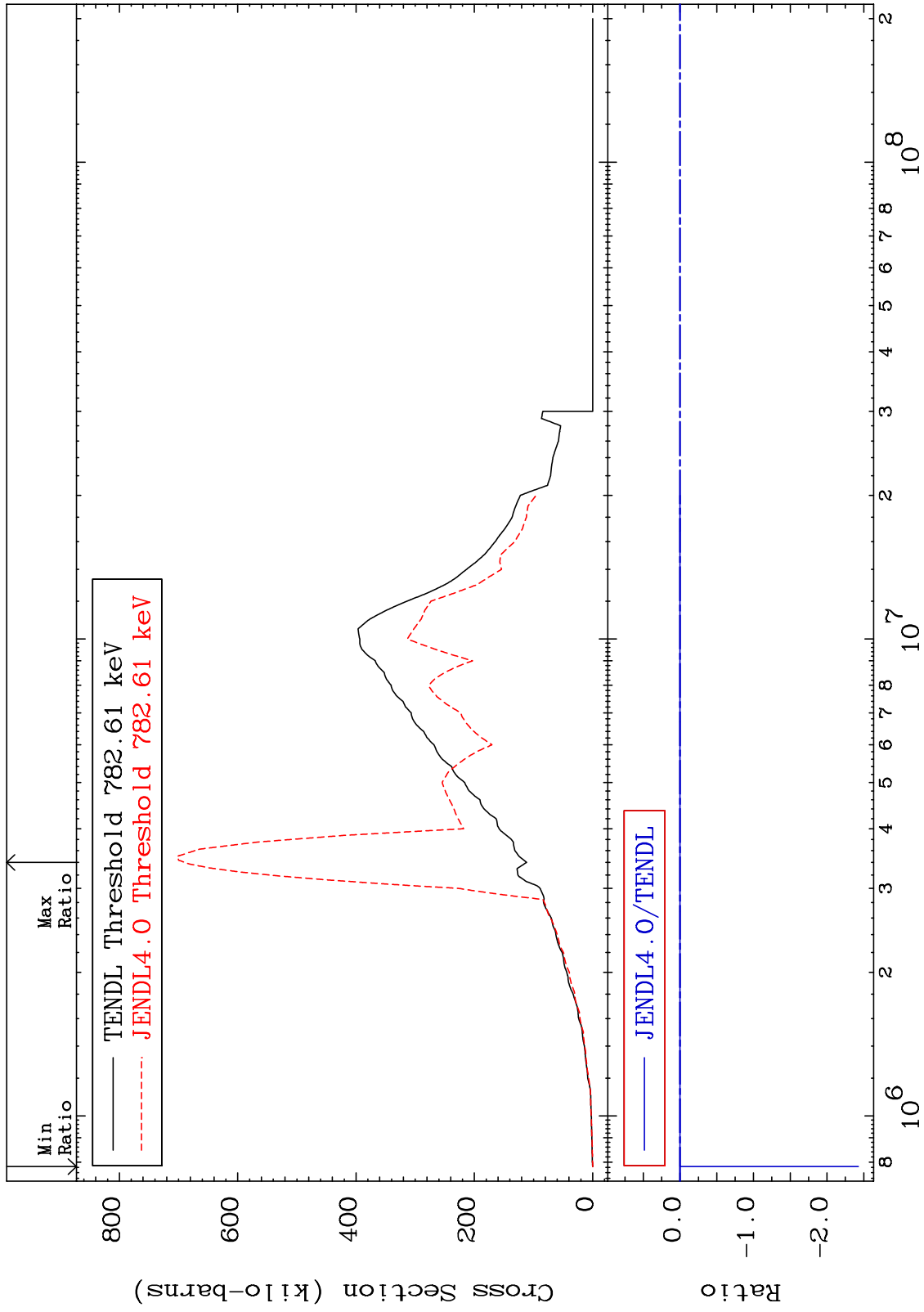
Incident Energy (eV)

29-Cu-65

MAT 2931

Kerma inelastic (mt51-91)
Cross Section

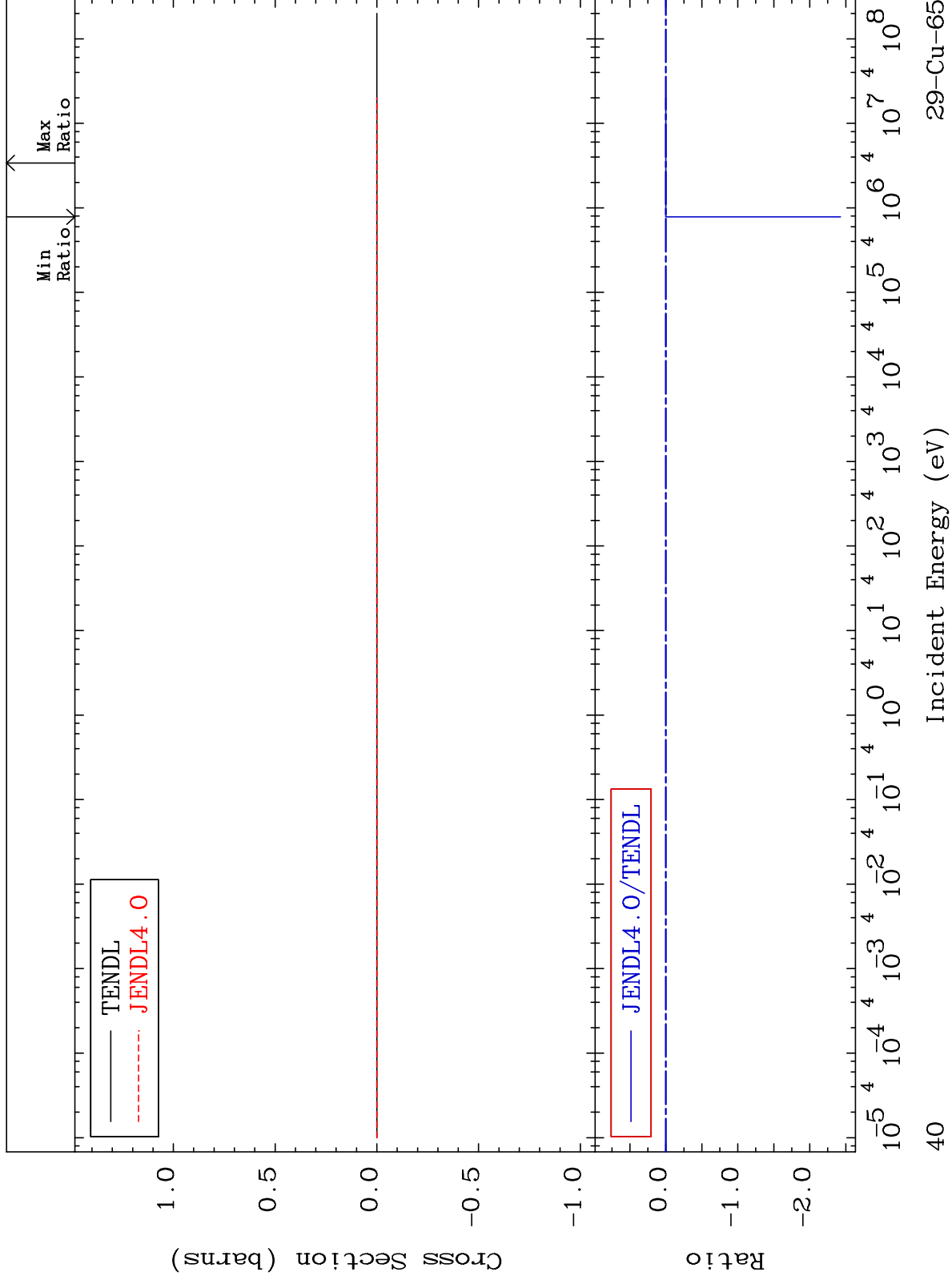
29-Cu-65
-9999. To 516.6 %



MAT 2931

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

29-Cu-65
-9999. To 516.6 %



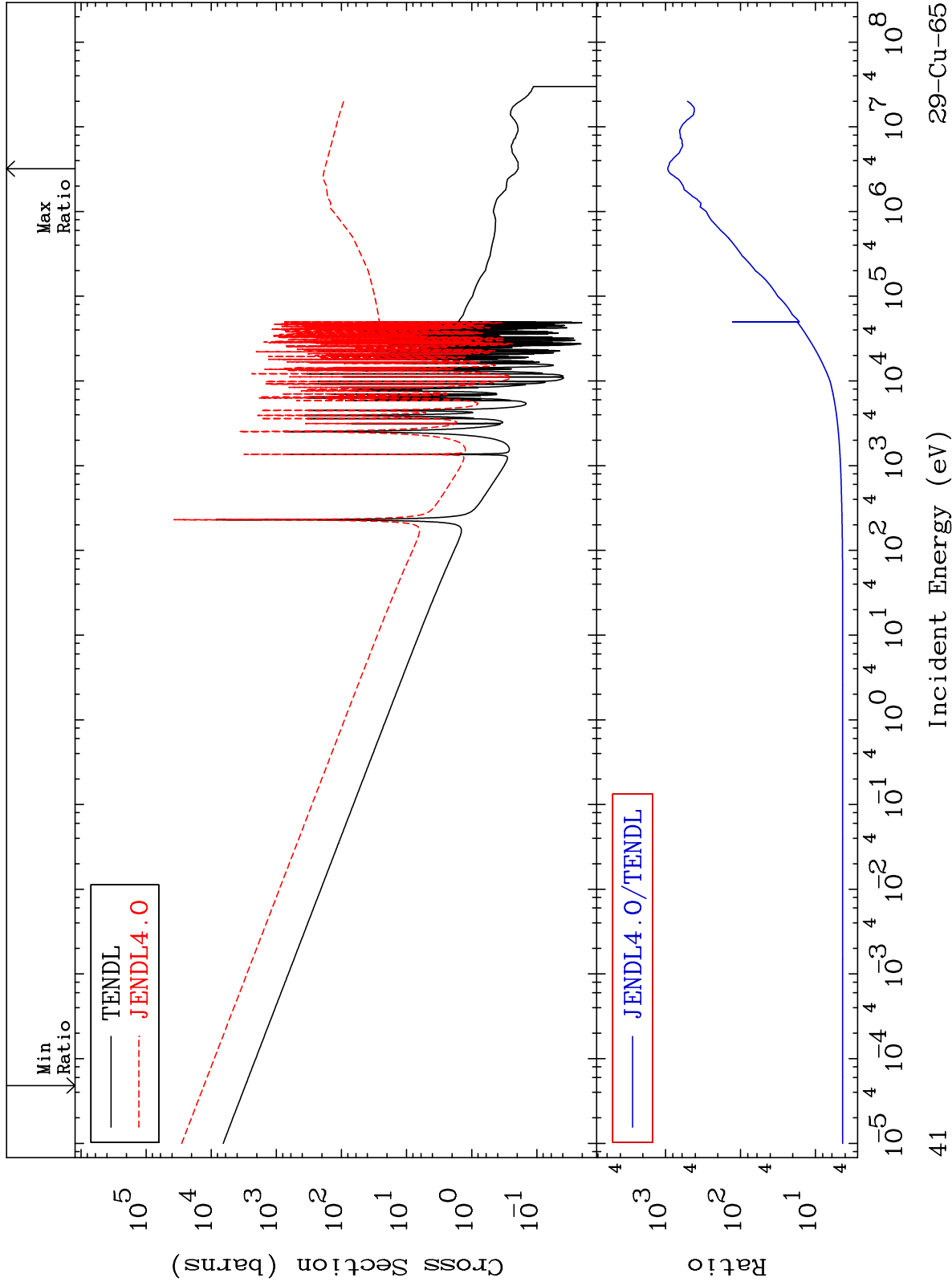
40

29-Cu-65

MAT 2931

Kerma capture (mt102)
Cross Section

29-Cu-65
332.5 To 9999. %



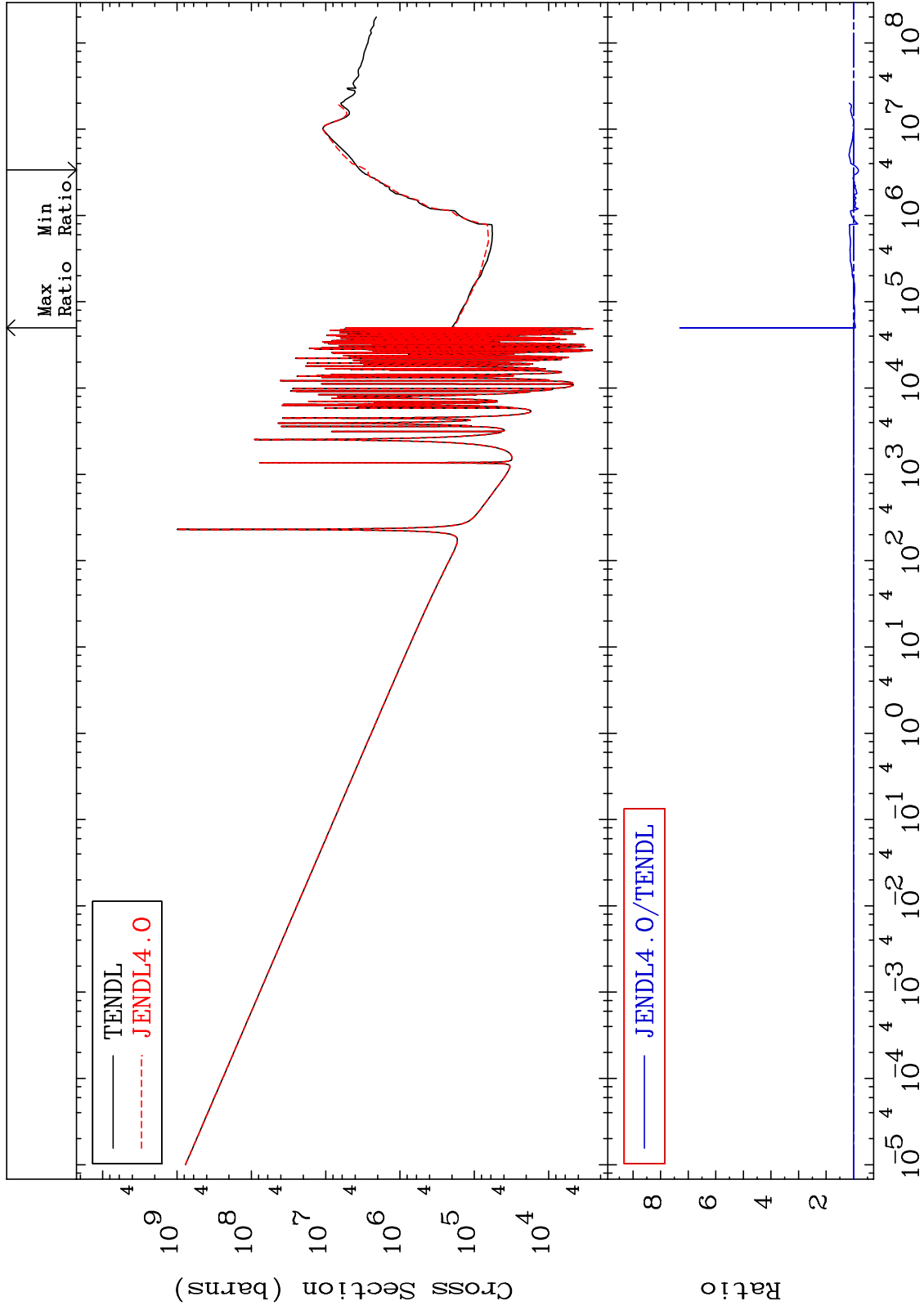
41

29-Cu-65

MAT 2931

Total photon (eV-barns)
Cross Section

29-Cu-65
-17.20 To 629.6 %



42

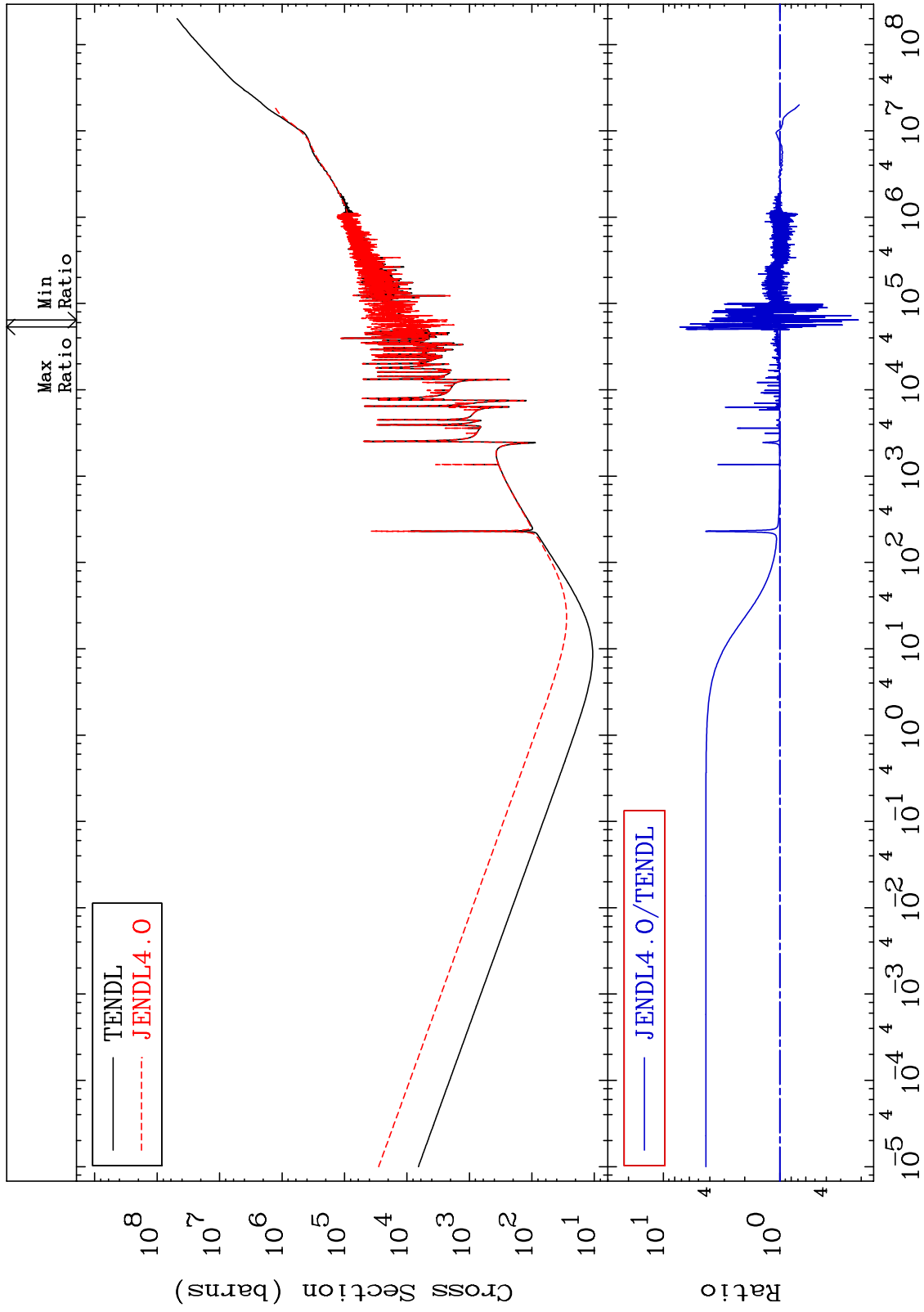
Incident Energy (eV)

29-Cu-65

MAT 2931

Total kinematic kerma (high limit)
Cross Section

29-Cu-65
-78.84 To 620.7 %



43

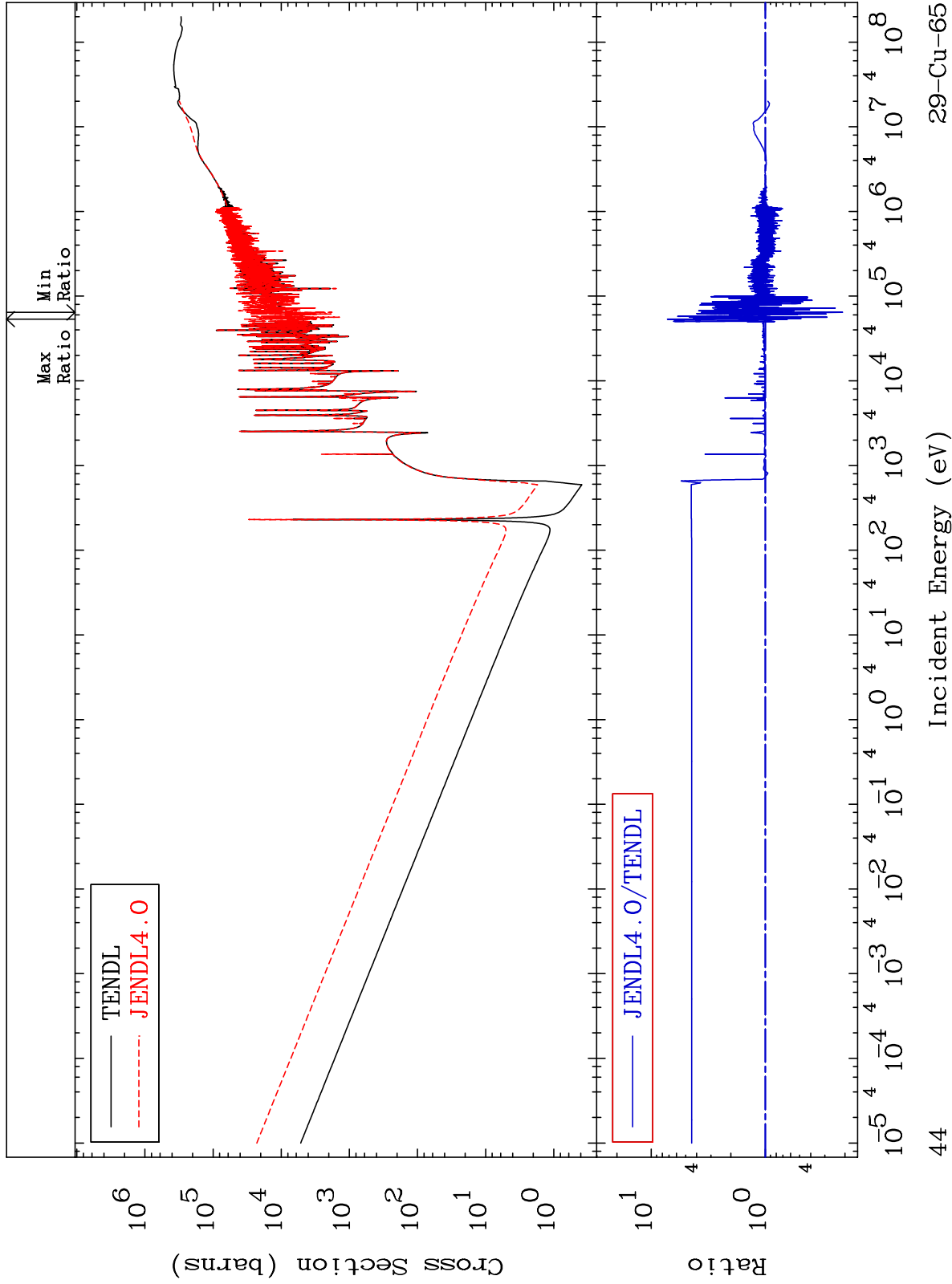
Incident Energy (eV)

29-Cu-65

MAT 2931

Dpa total (eV-barns)
Cross Section

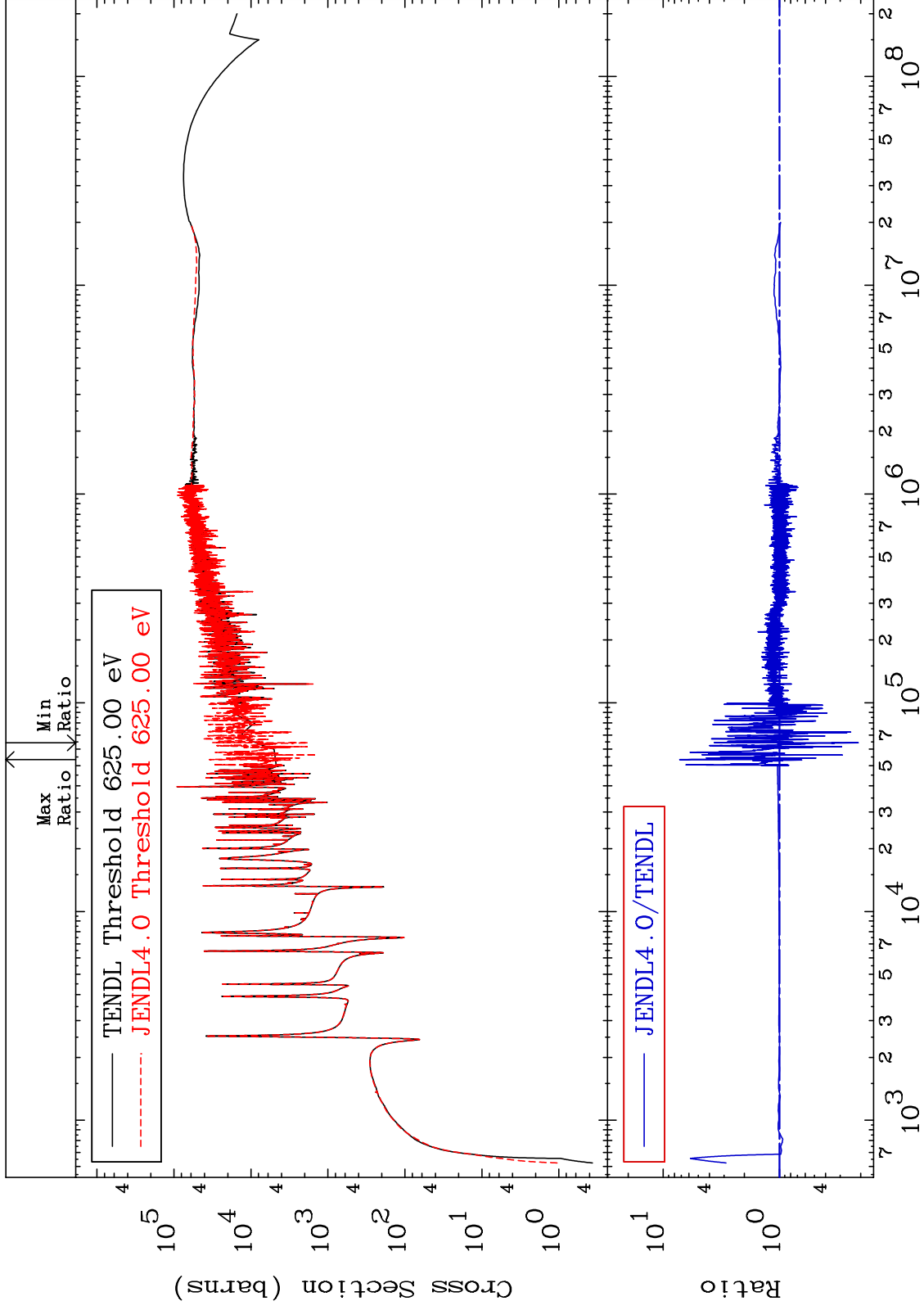
29-Cu-65
-79.04 To 619.7 %



MAT 2931

Dpa elastic (mt2)
Cross Section

29-Cu-65
-79.09 To 619.8 %



45

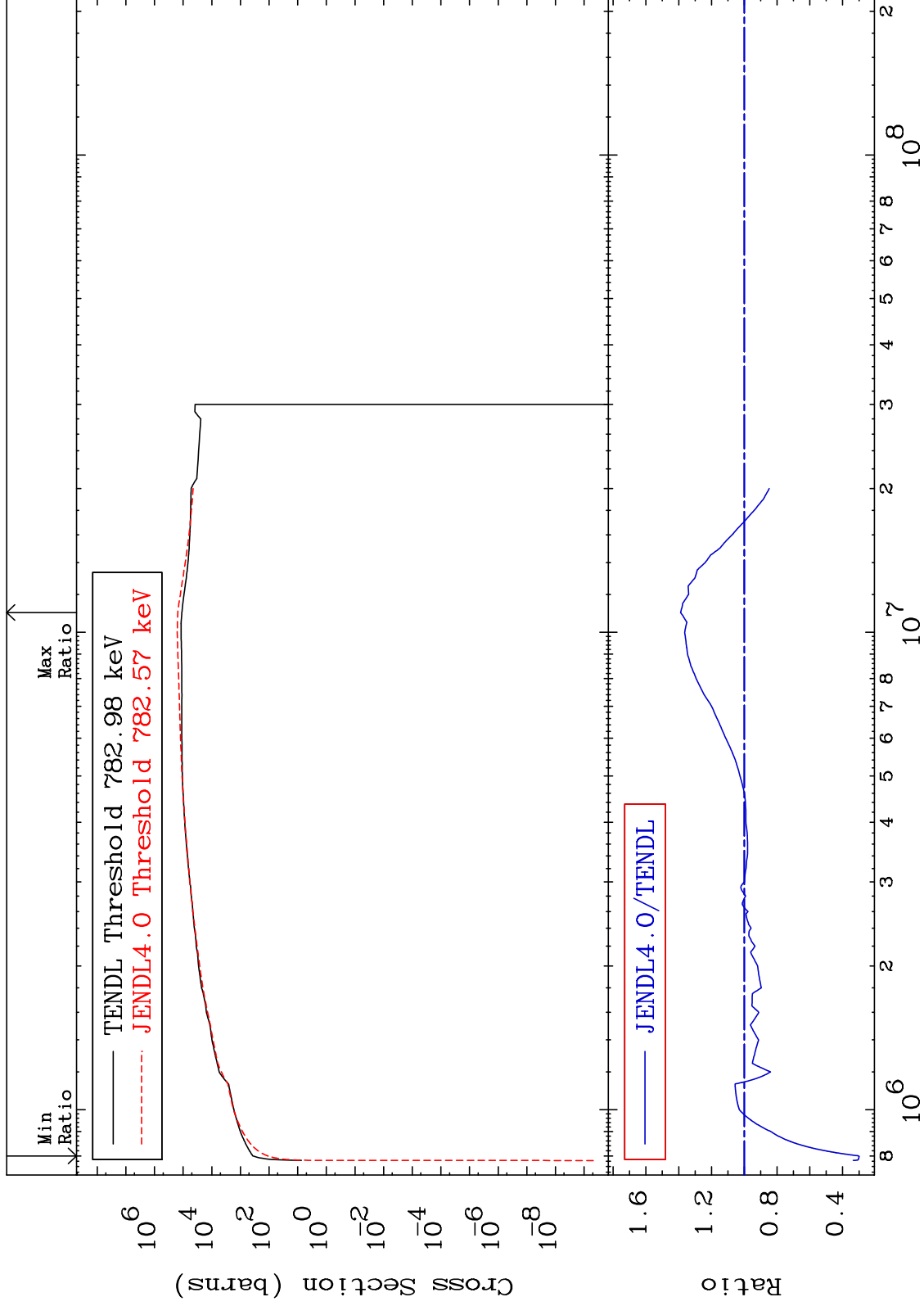
29-Cu-65

29-Cu-65

MAT 2931

Dpa inelastic (mt51-91)
Cross Section

29-Cu-65
-70.09 To 38.83 %



46

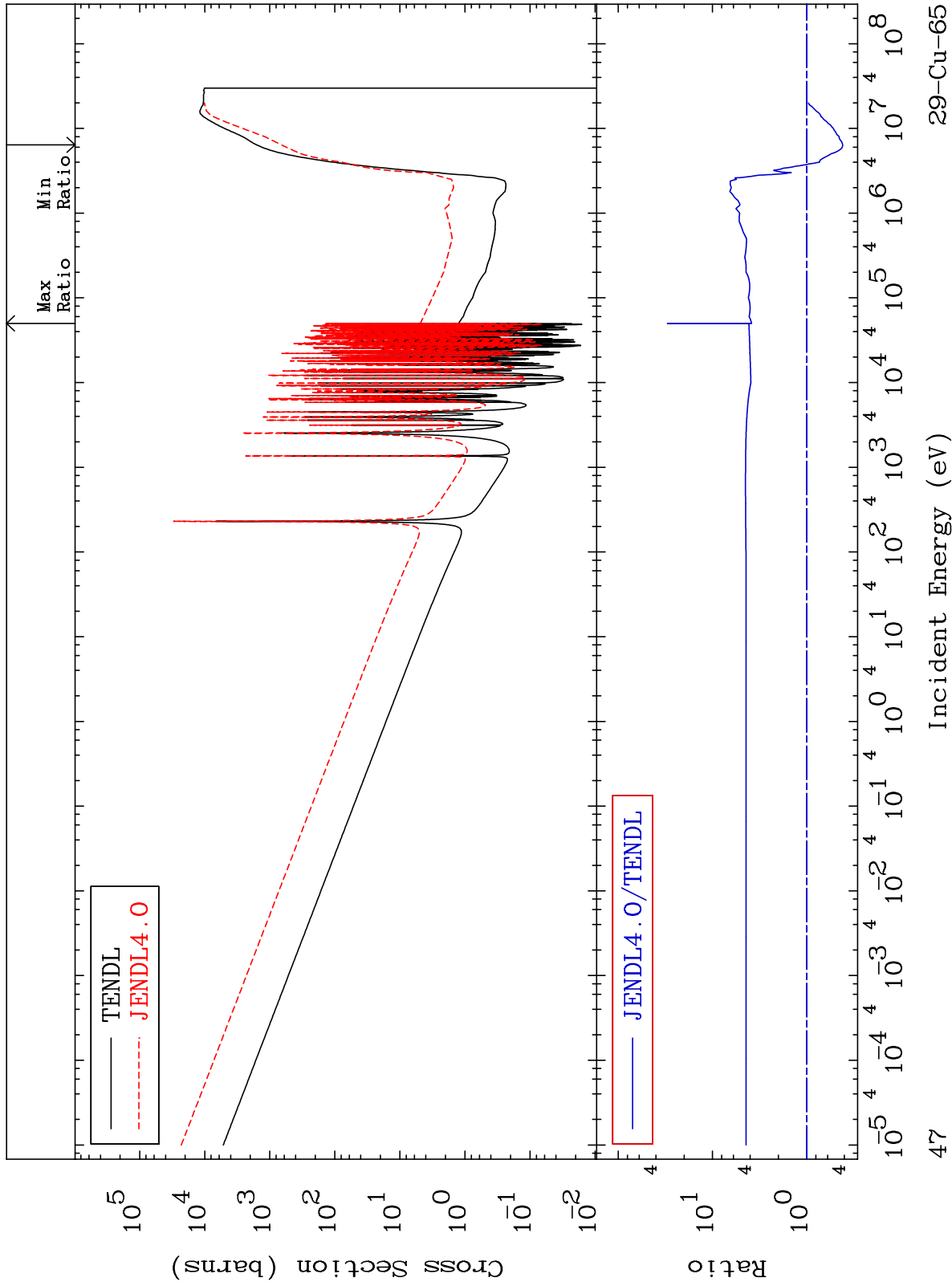
Incident Energy (eV)

29-Cu-65

MAT 2931

Dpa disappearance (mt102 -120)
Cross Section

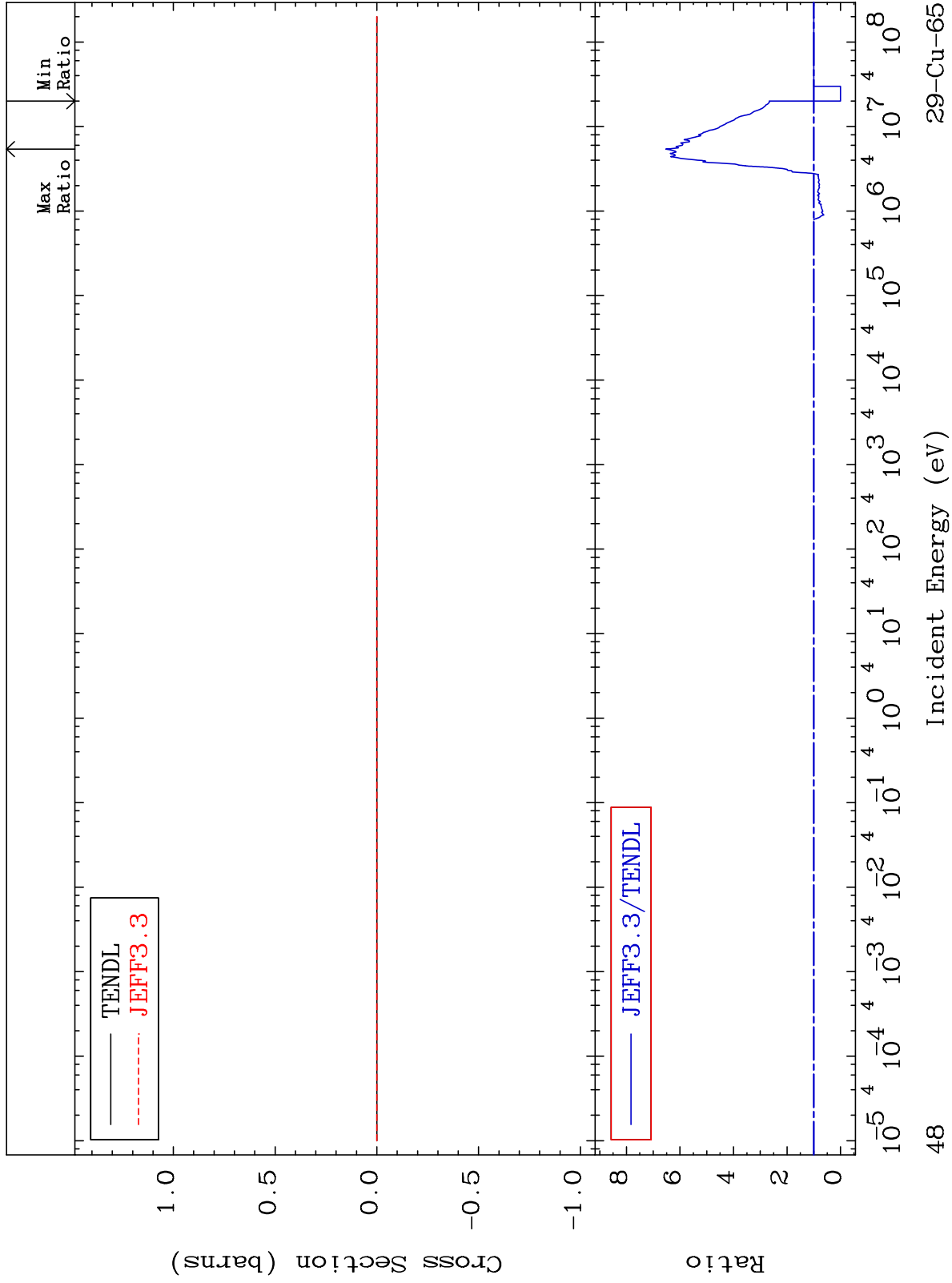
29-Cu-65
-58.44 To 2904. %



MAT 2931

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

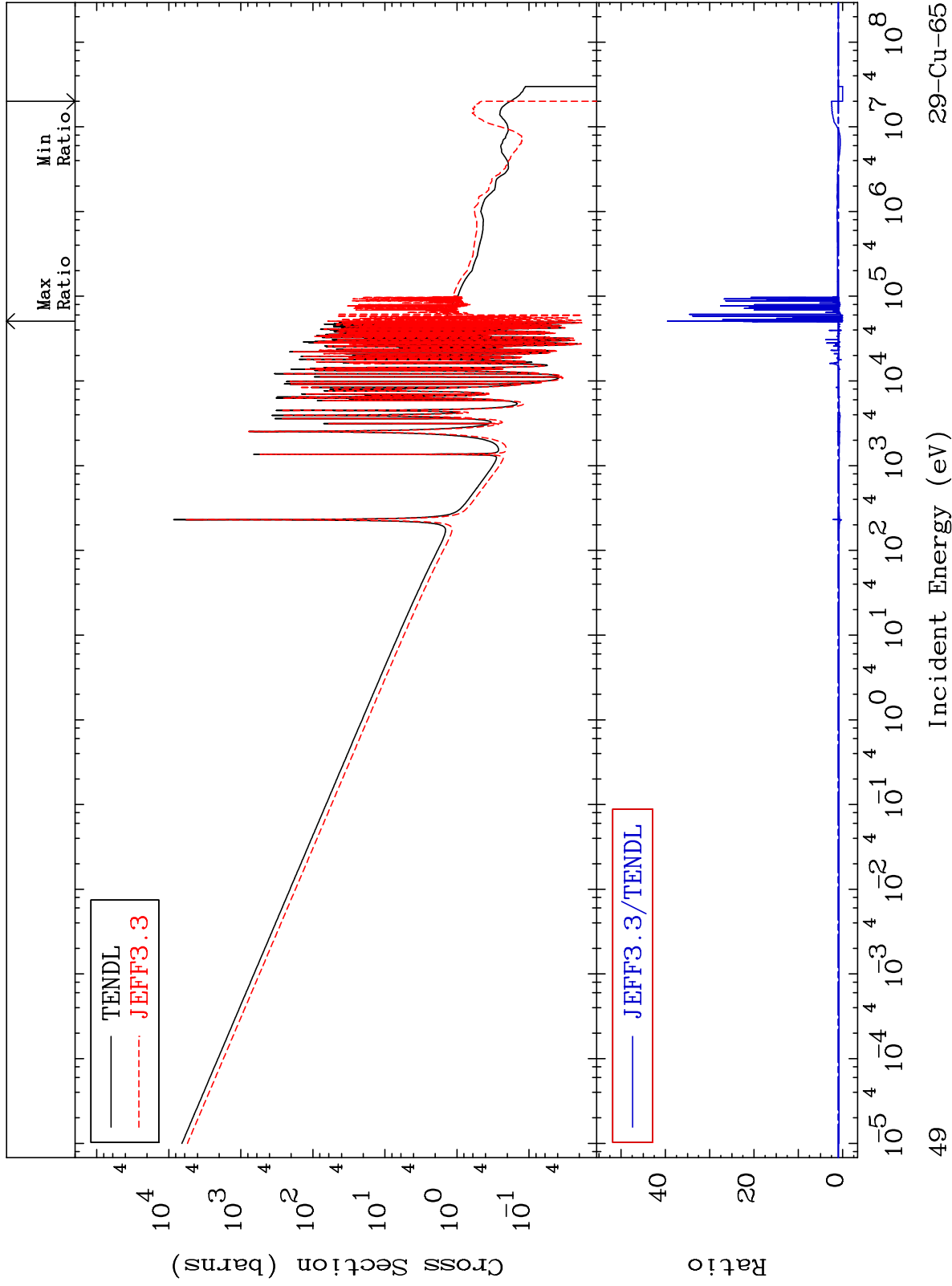
29-Cu-65
-100.0 To 552.8 %



MAT 2931

Kerma capture (mt102)
Cross Section

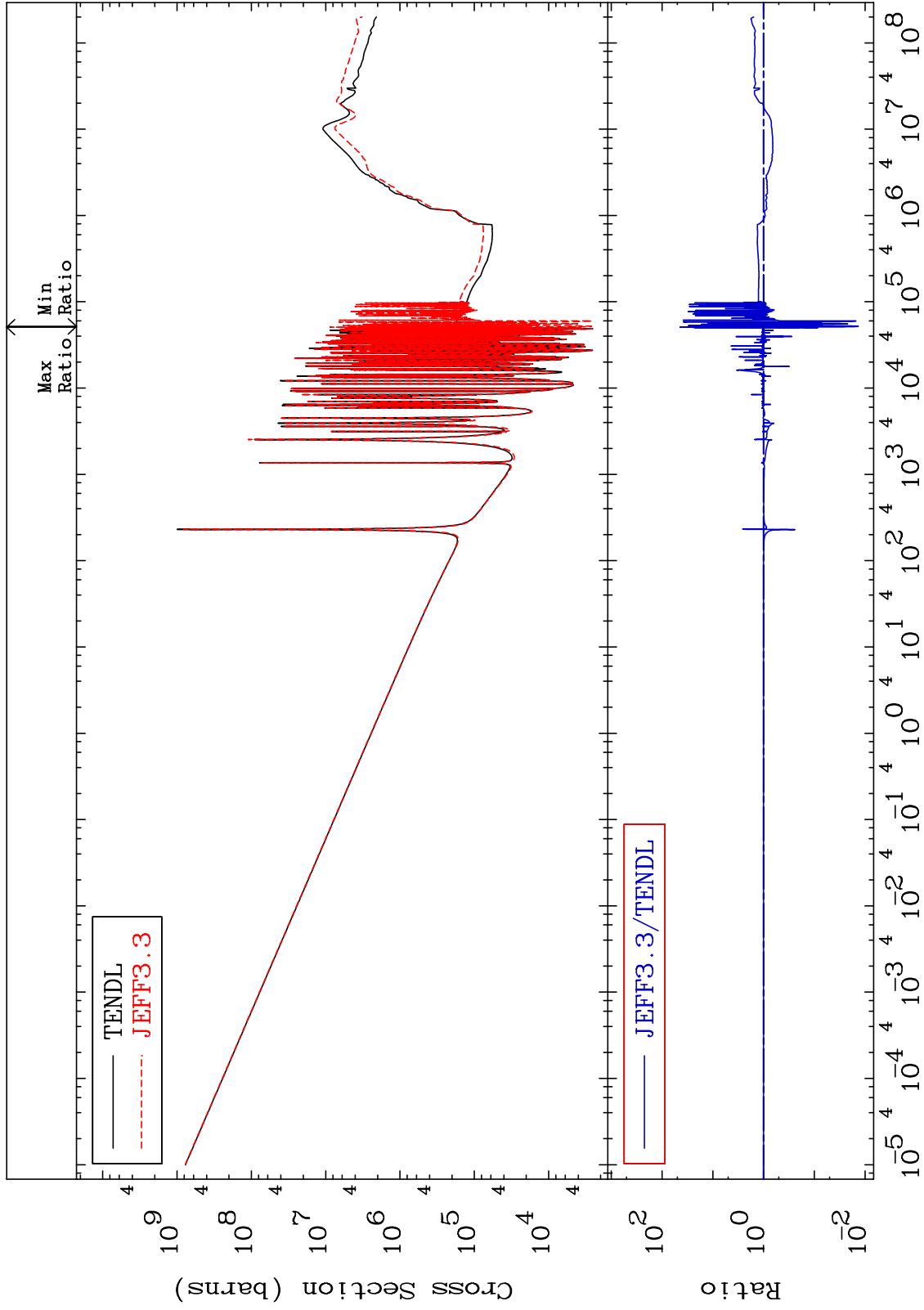
29-Cu-65
-100.0 To 3851. %



MAT 2931

Total photon (eV-barns)
Cross Section

29-Cu-65
-98.65 To 4326. %



50

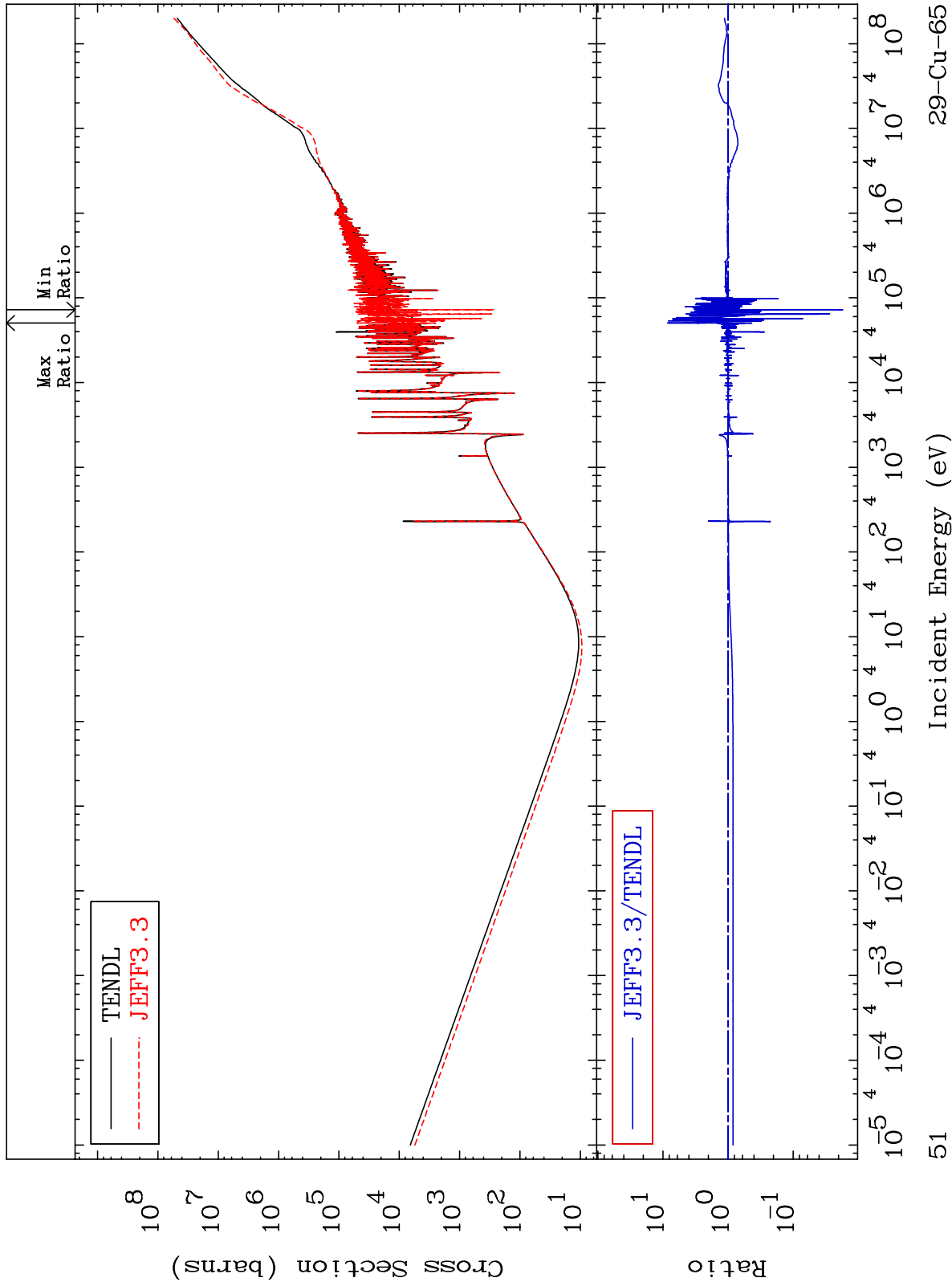
Incident Energy (eV)

29-Cu-65

MAT 2931

Total kinematic kerma (high limit)
Cross Section

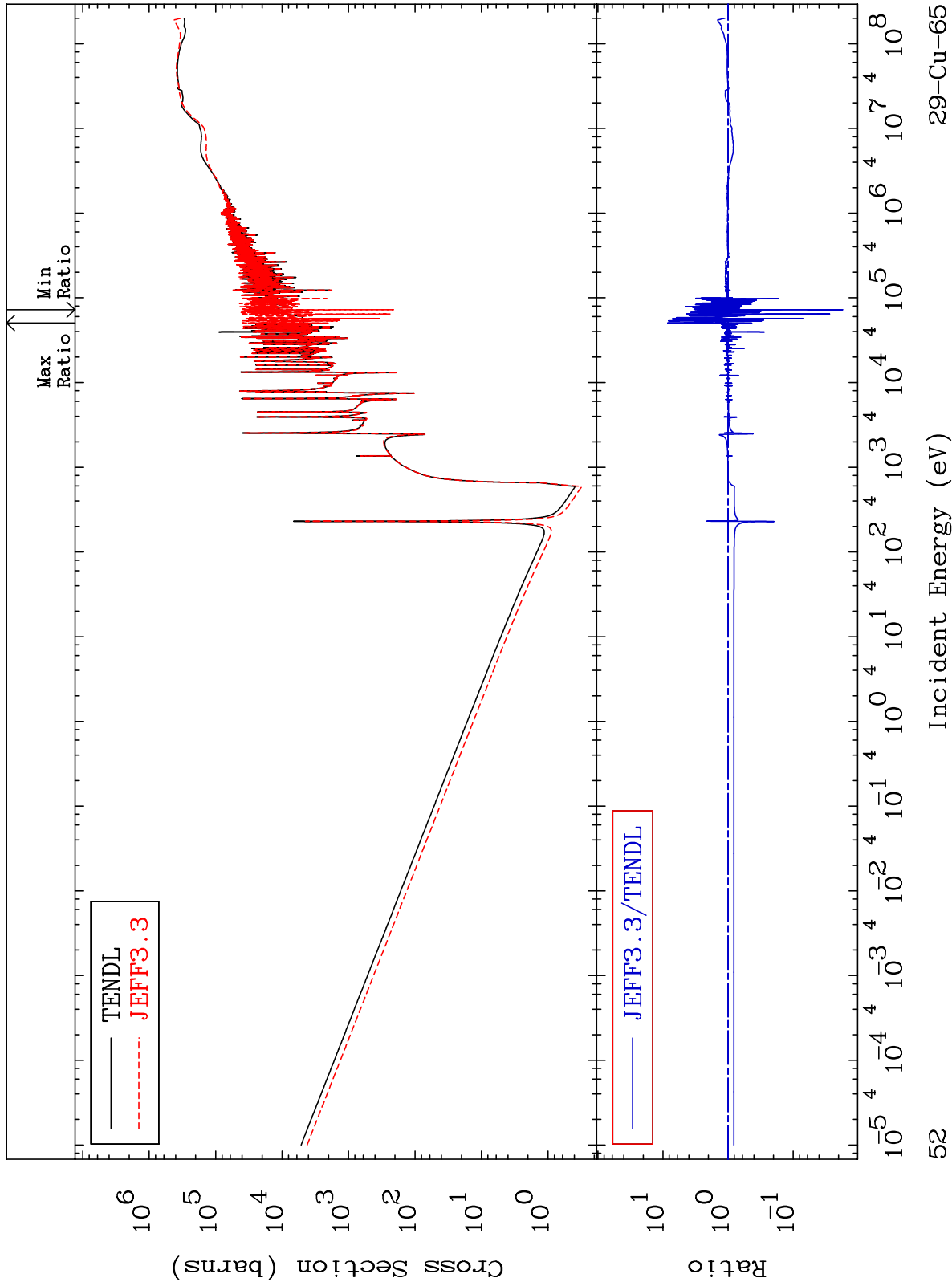
29-Cu-65
-98.27 To 749.4 %



MAT 2931

Dpa total (eV-barns)
Cross Section

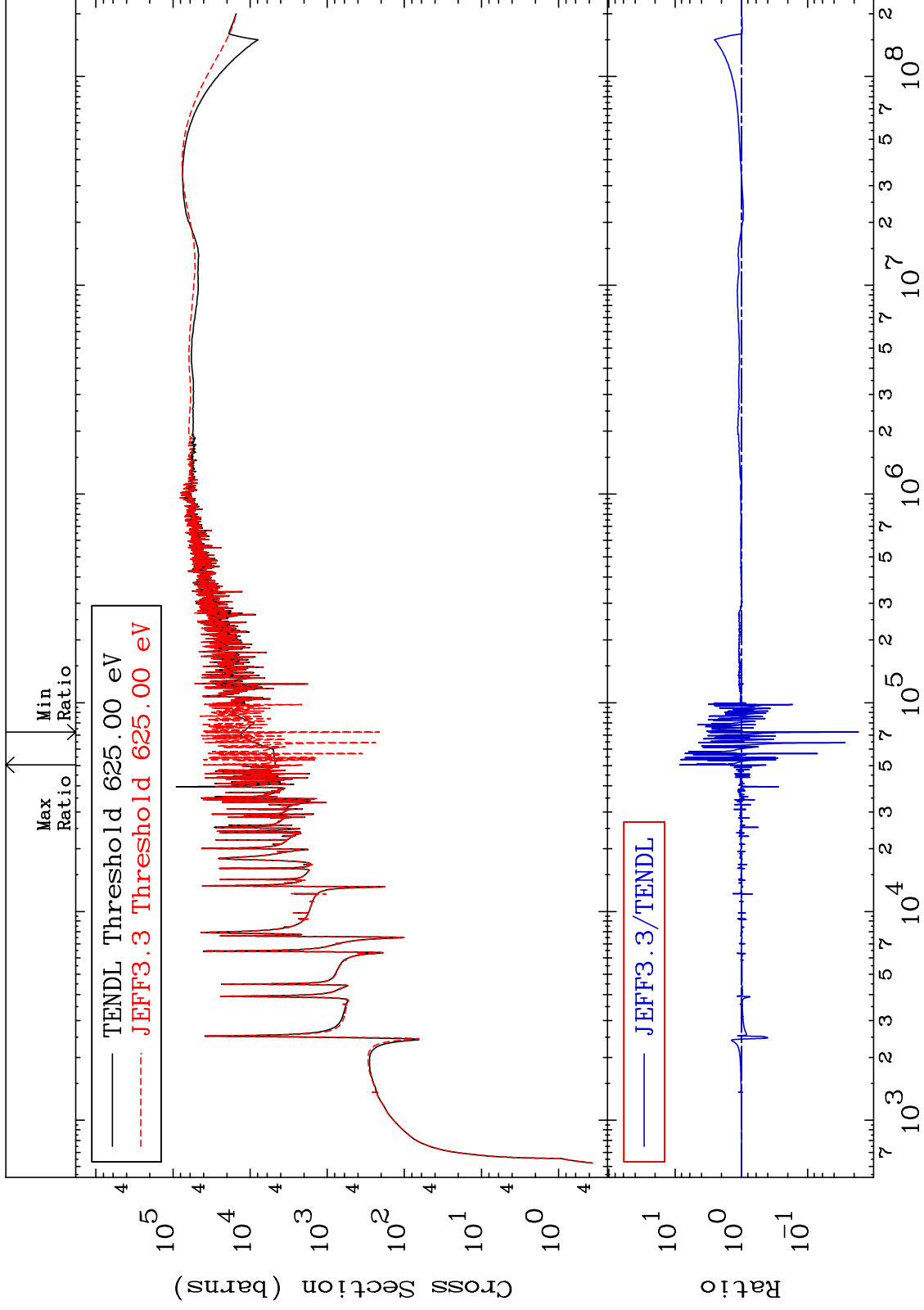
29-Cu-65
-98.27 To 749.0 %



MAT 2931

Dpa elastic (mt2)
Cross Section

29-Cu-65
-98.28 To 749.1 %



53

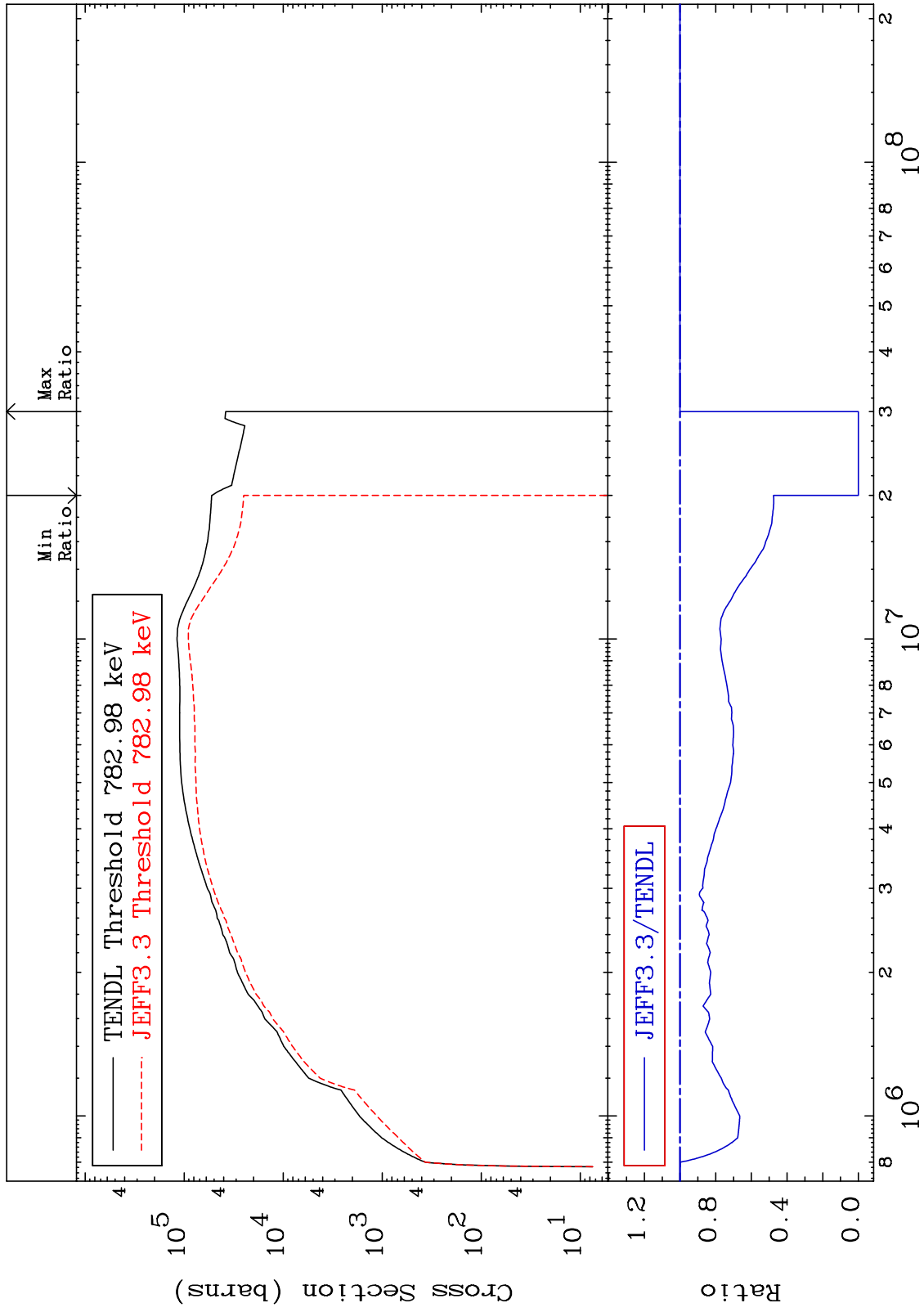
Incident Energy (eV)

29-Cu-65

MAT 2931

Dpa inelastic (mt51-91)
Cross Section

29-Cu-65
-100.0 To 0.000 %



54

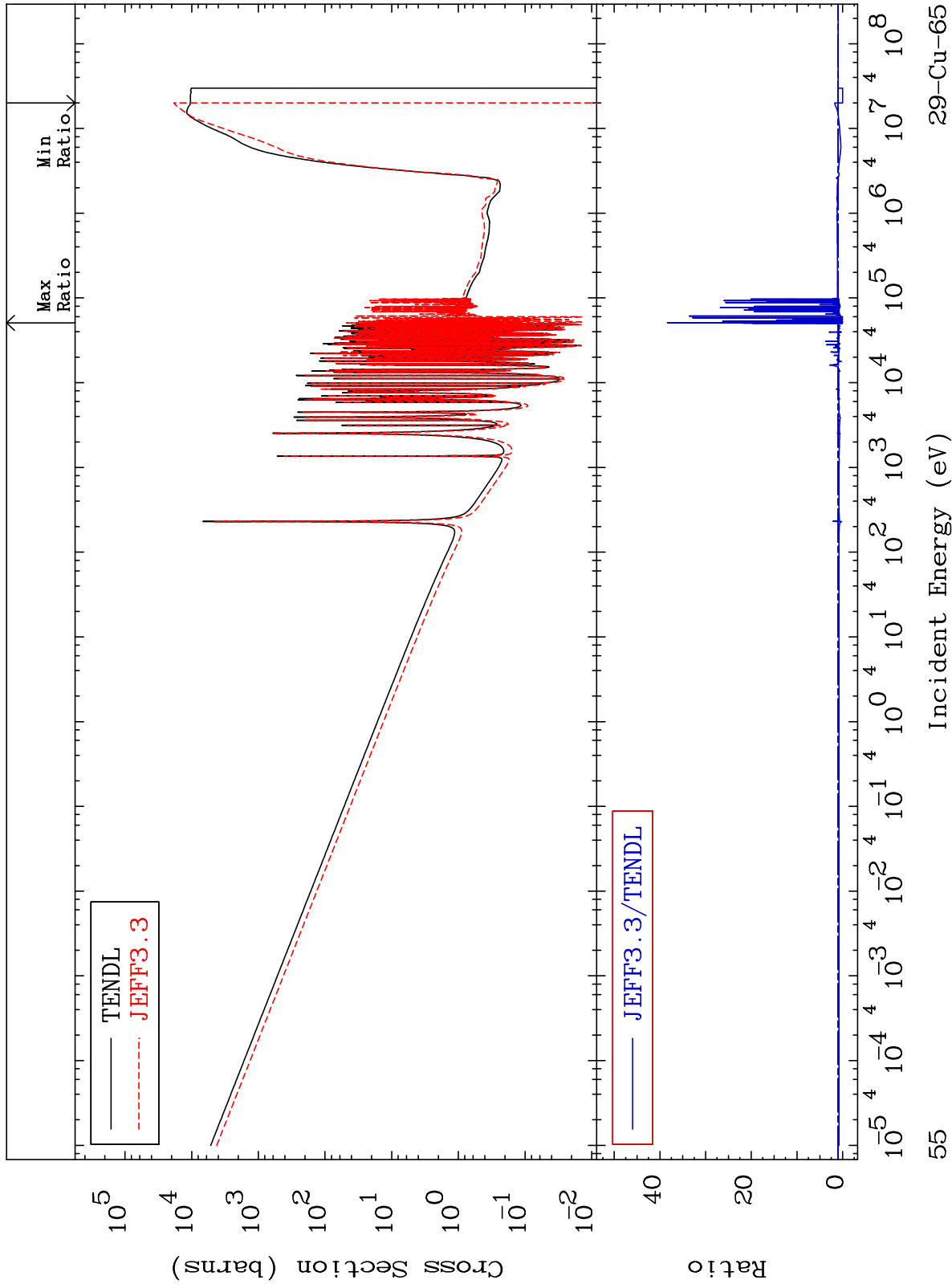
Incident Energy (eV)

29-Cu-65

MAT 2931

Dpa disappearance (mt102 -120)
Cross Section

29-Cu-65
-100.0 To 3733. %



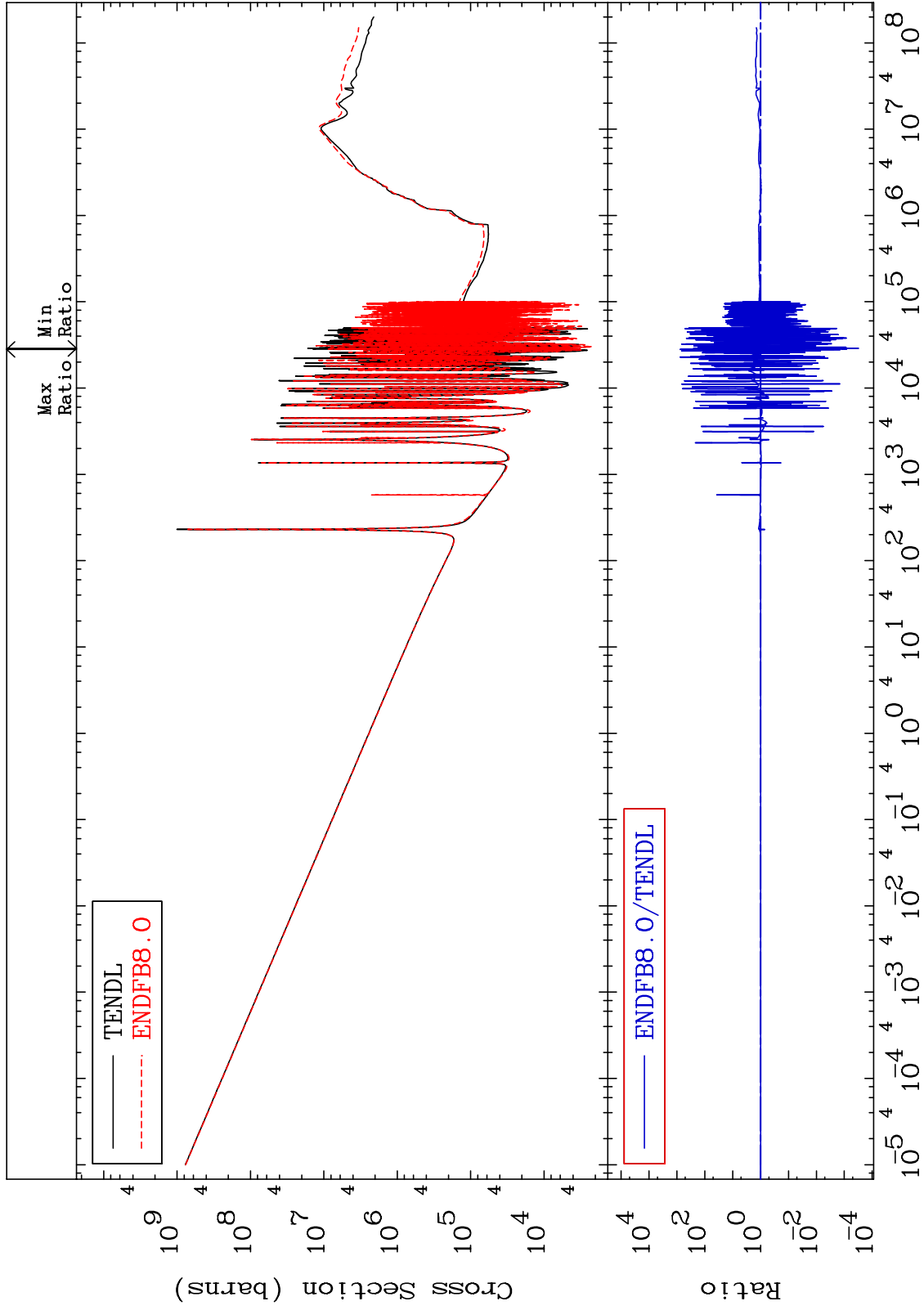
55

29-Cu-65

MAT 2931

Total photon (eV-barns)
Cross Section

29-Cu-65
-99.97 To 9999. %



56

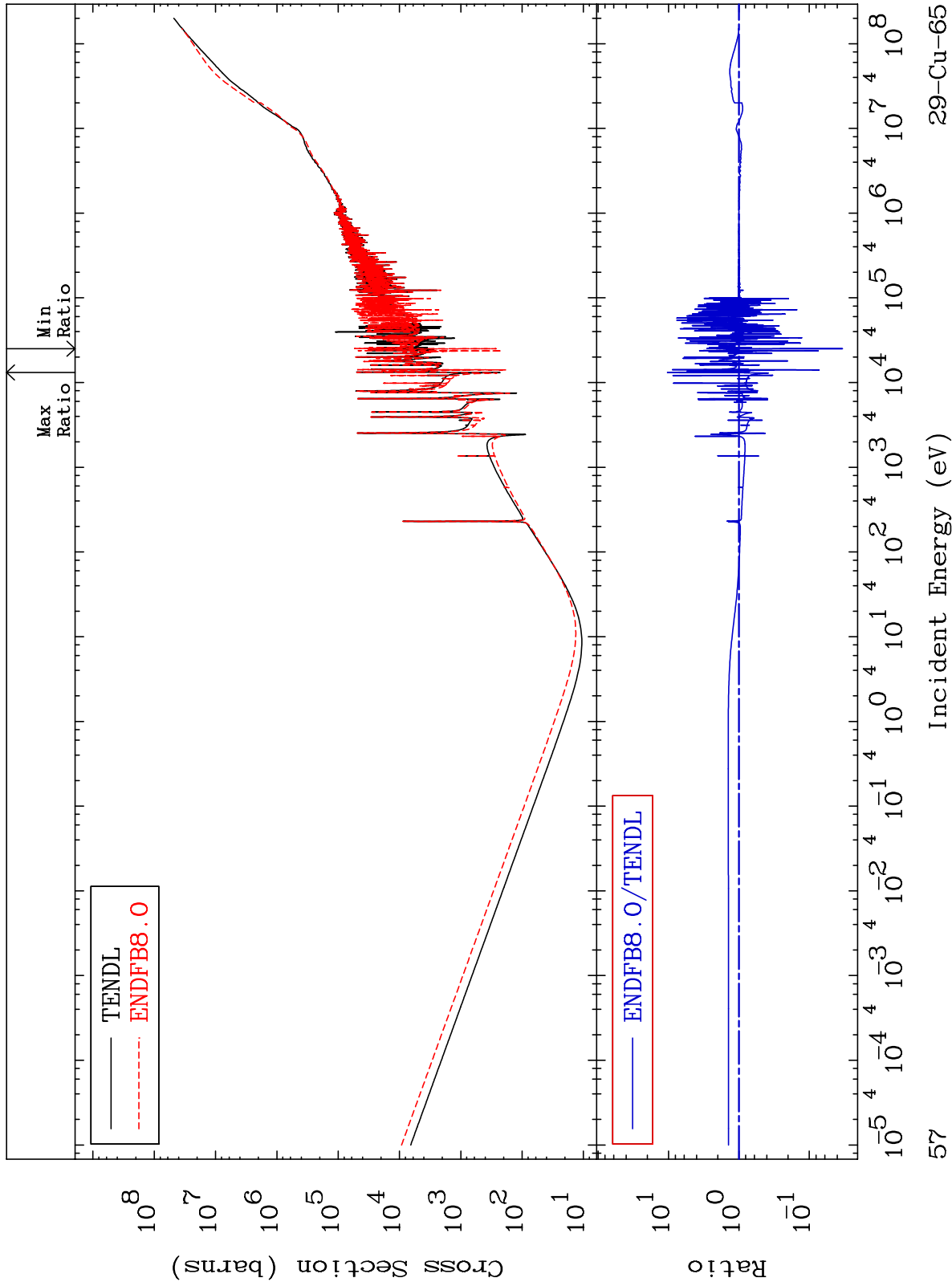
Incident Energy (eV)

29-Cu-65

MAT 2931

Total kinematic kerma (high limit)
Cross Section

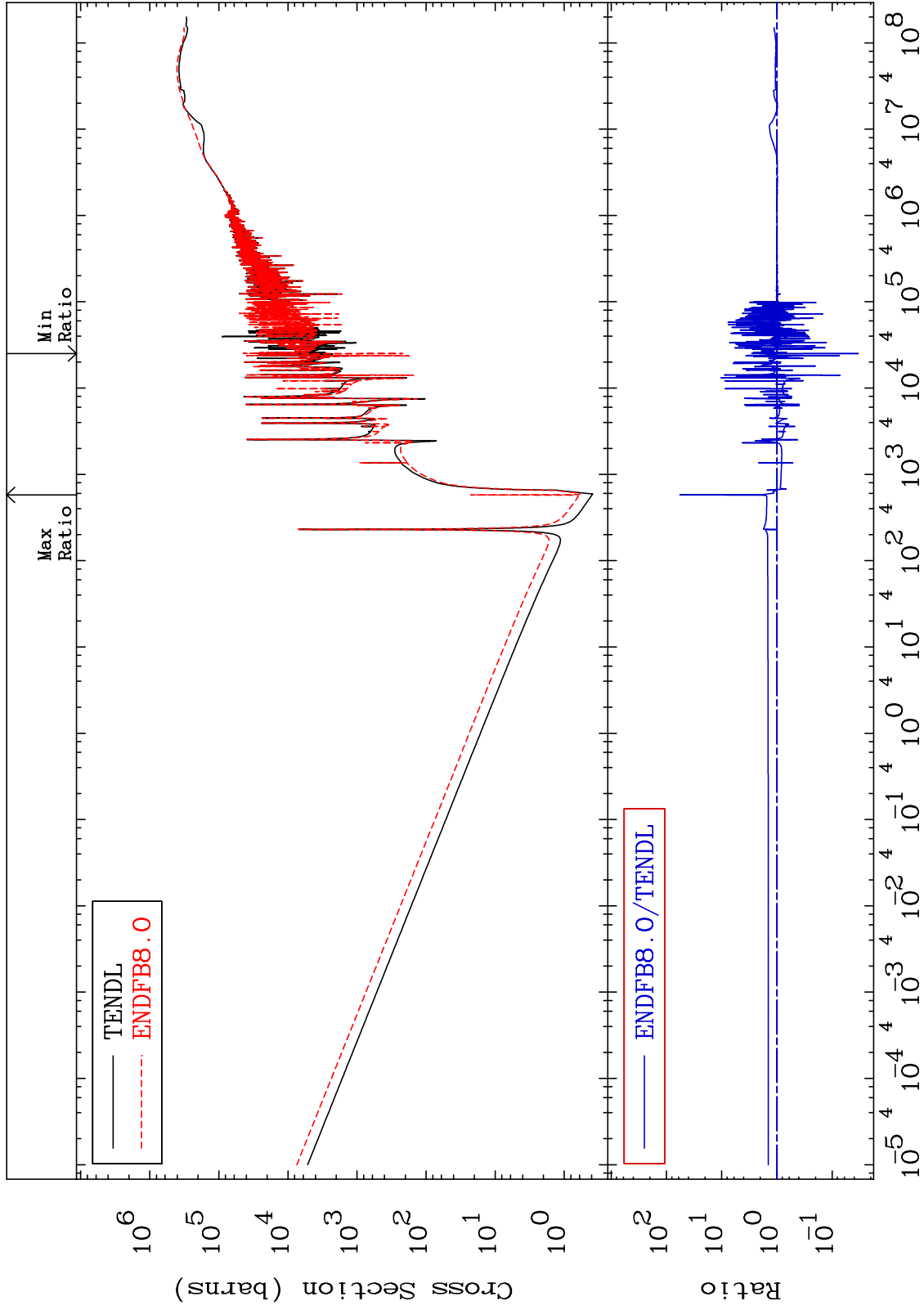
29-Cu-65
-96.65 To 932.4 %



MAT 2931

Dpa total (eV-barns)
Cross Section

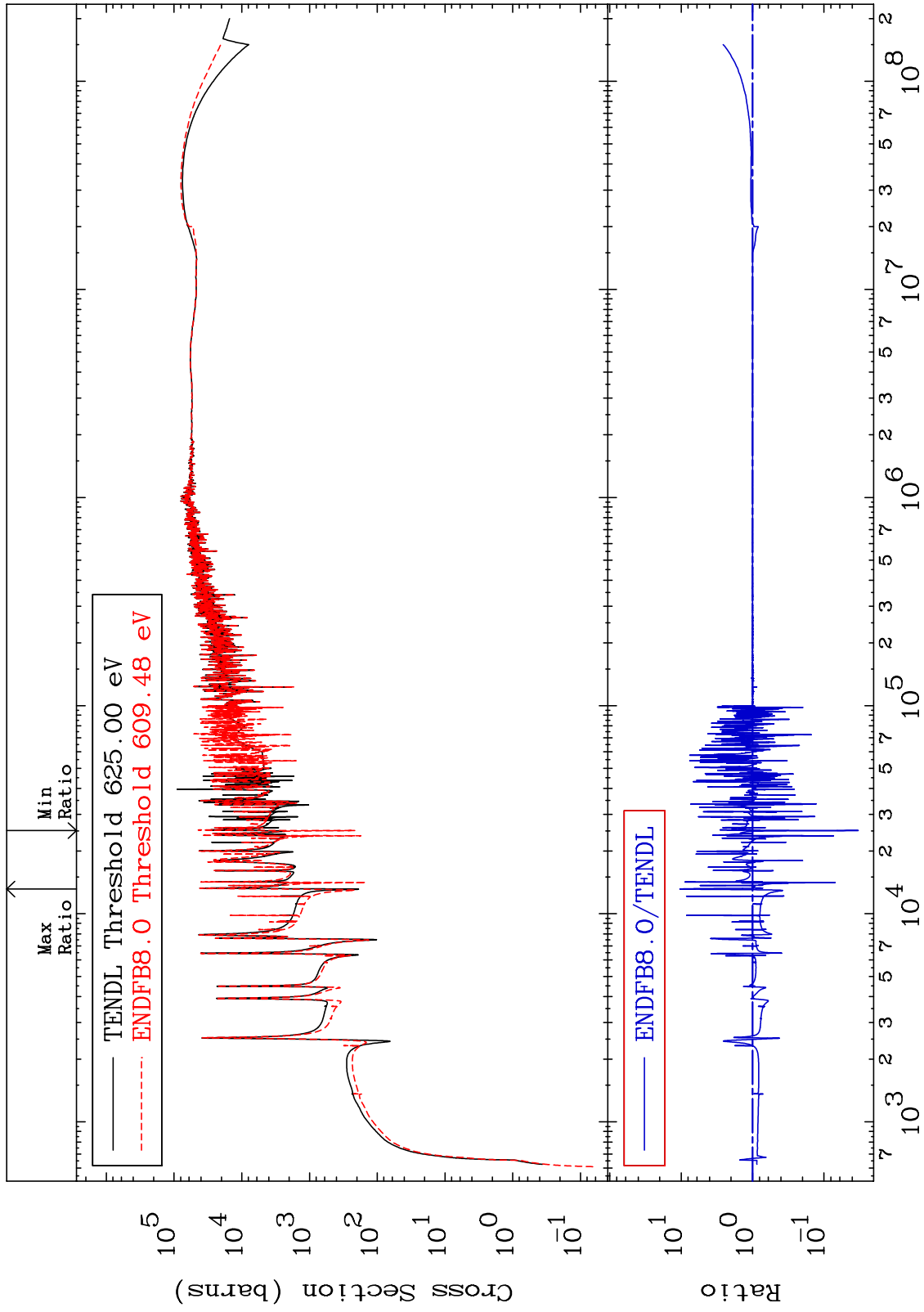
29-Cu-65
-96.65 To 5584. %



MAT 2931

Dpa elastic (mt2)
Cross Section

29-Cu-65
-96.71 To 937.8 %



59

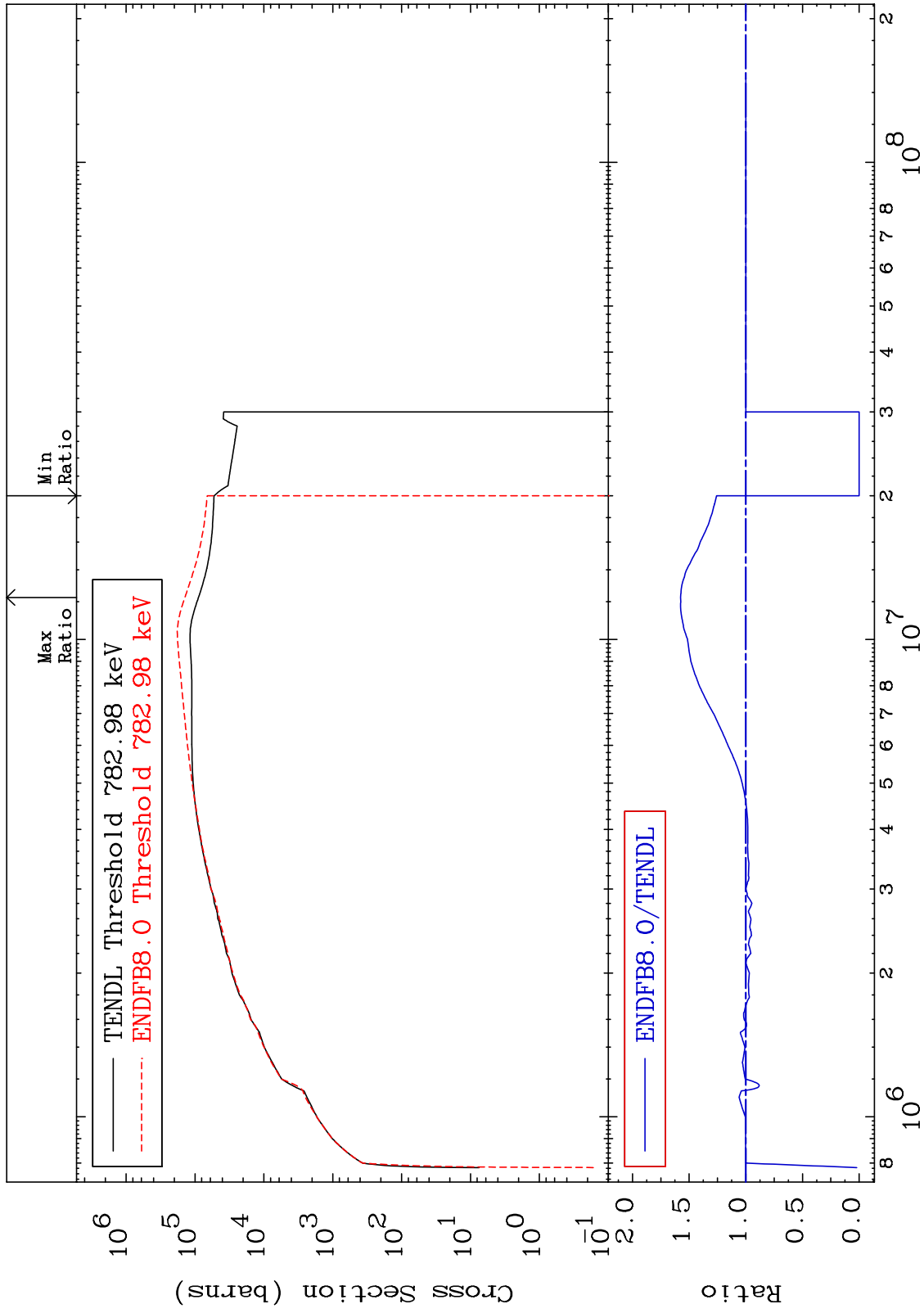
Incident Energy (eV)

29-Cu-65

MAT 2931

Dpa inelastic (mt51-91)
Cross Section

29-Cu-65
-100.0 To 57.53 %



60

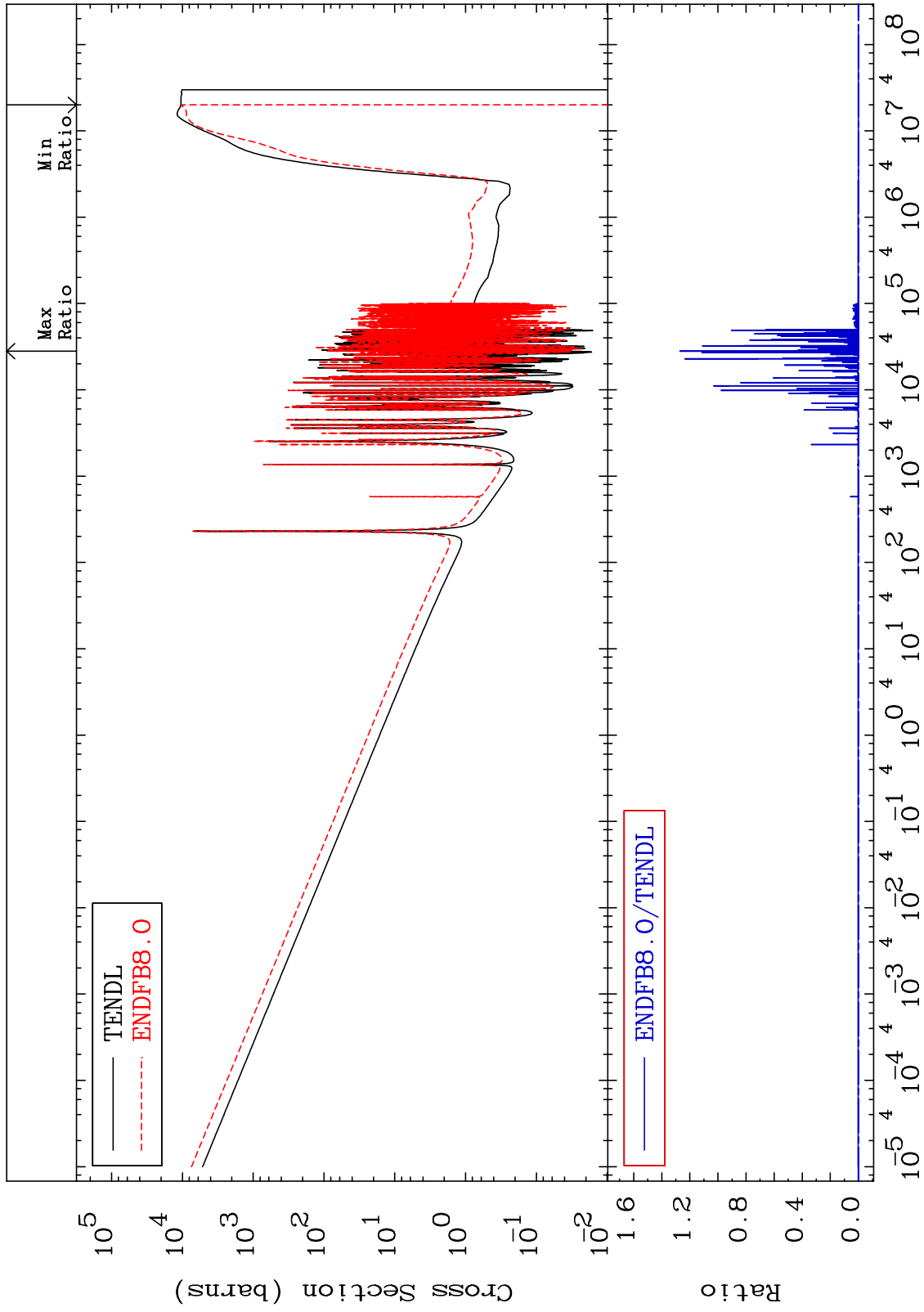
Incident Energy (eV)

29-Cu-65

MAT 2931

Dpa disappearance (mt102 -120)
Cross Section

29-Cu-65
-100.0 To 9999. %



61

Incident Energy (eV)

29-Cu-65