

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

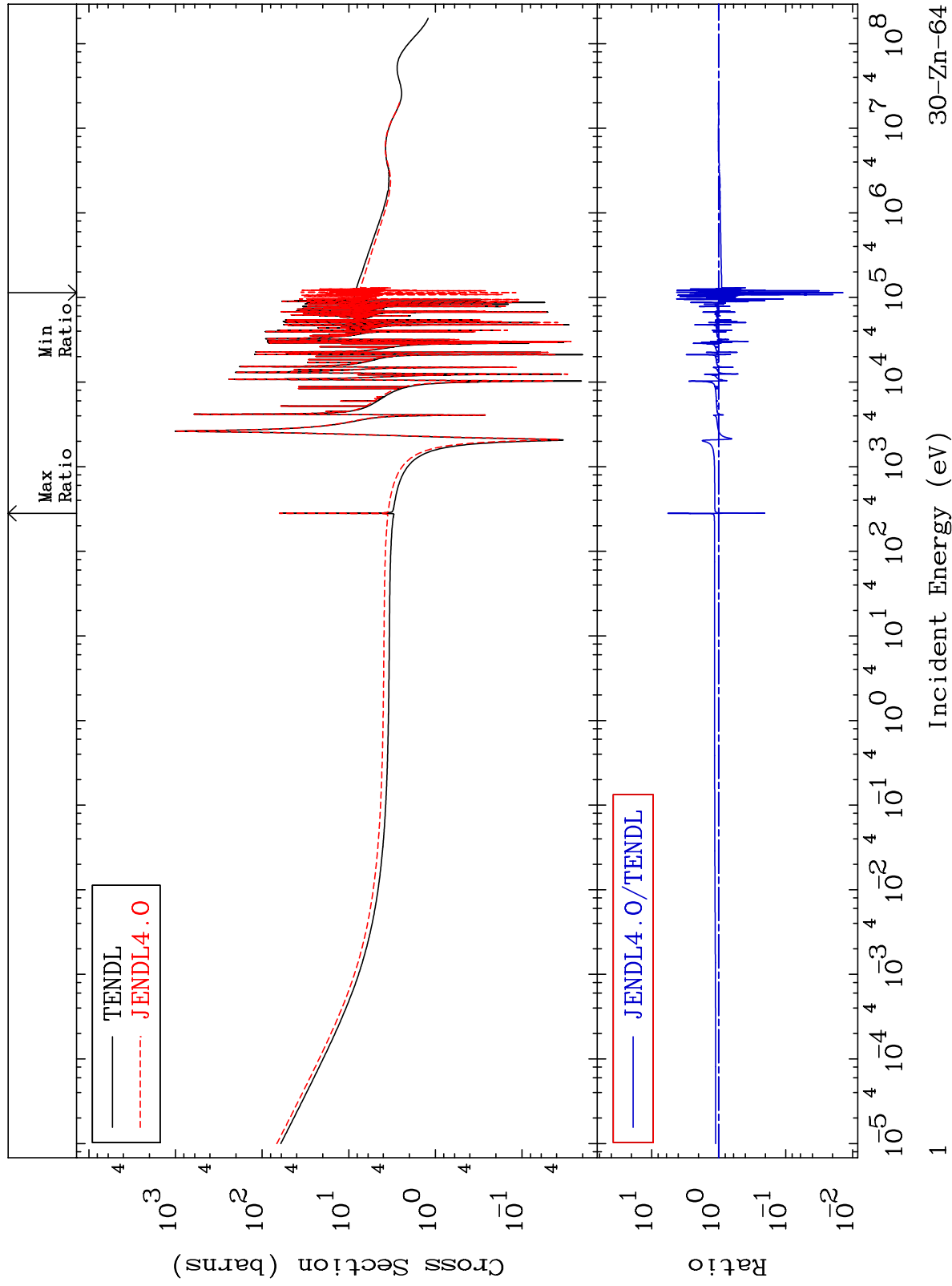
MAT 3025

Total

30-Zn-64

Cross Section

-98.60 To 469.7 %



30-Zn-64

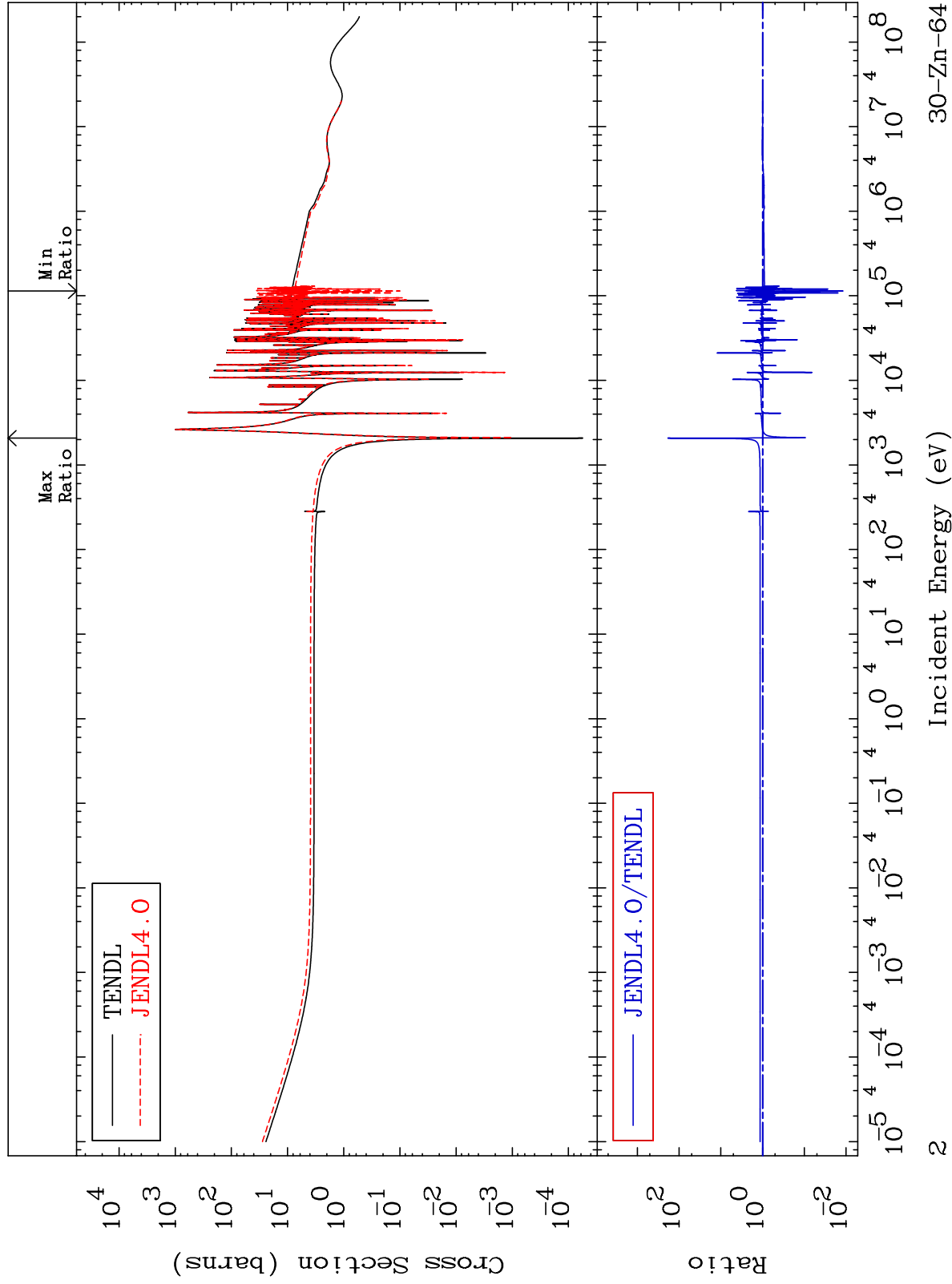
Incident Energy (eV)

1

MAT 3025

Elastic
Cross Section

30-Zn-64
-98.80 To 9999. %



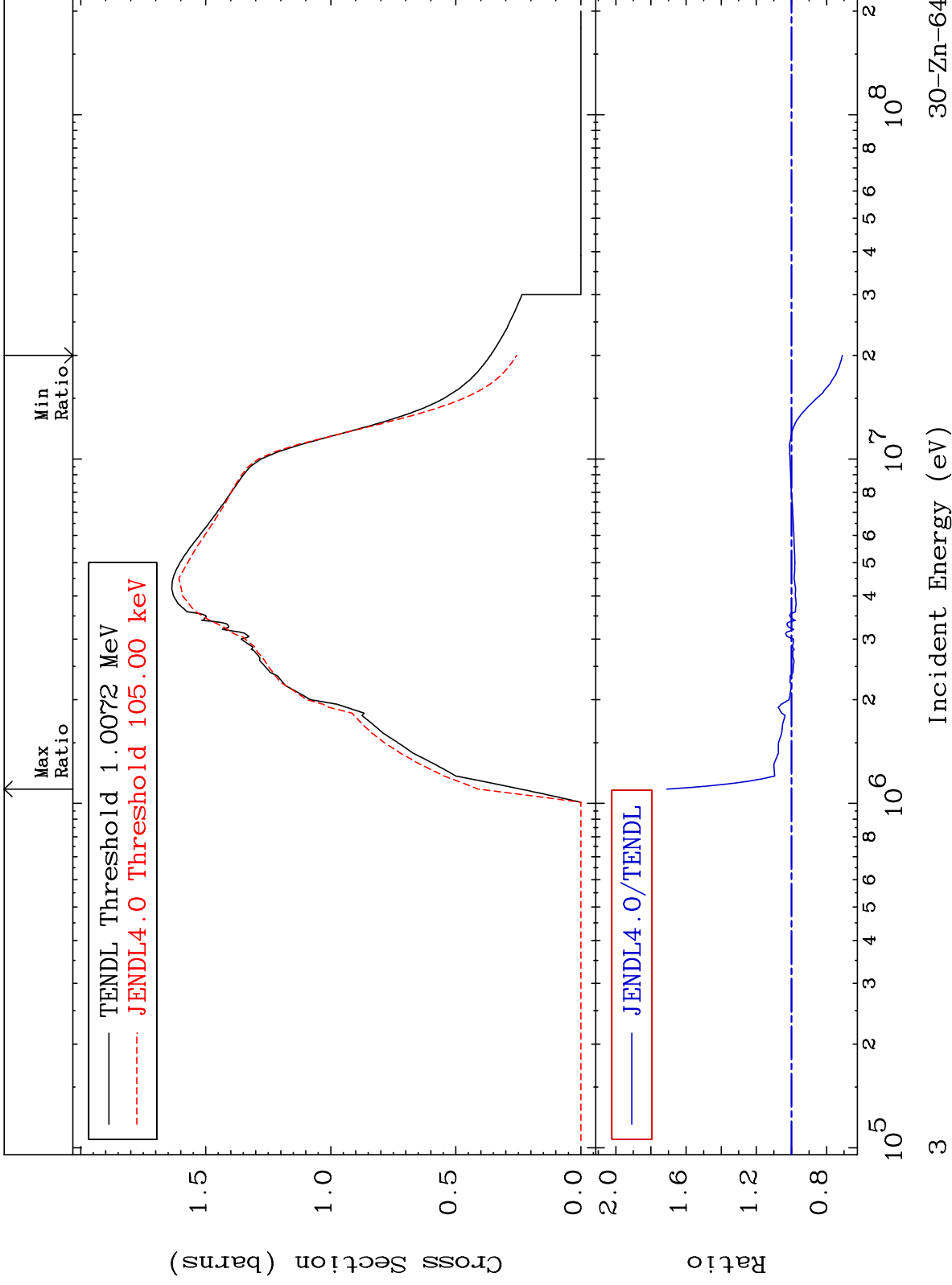
30-Zn-64

MAT 3025

Inelastic
Cross Section

30-Zn-64

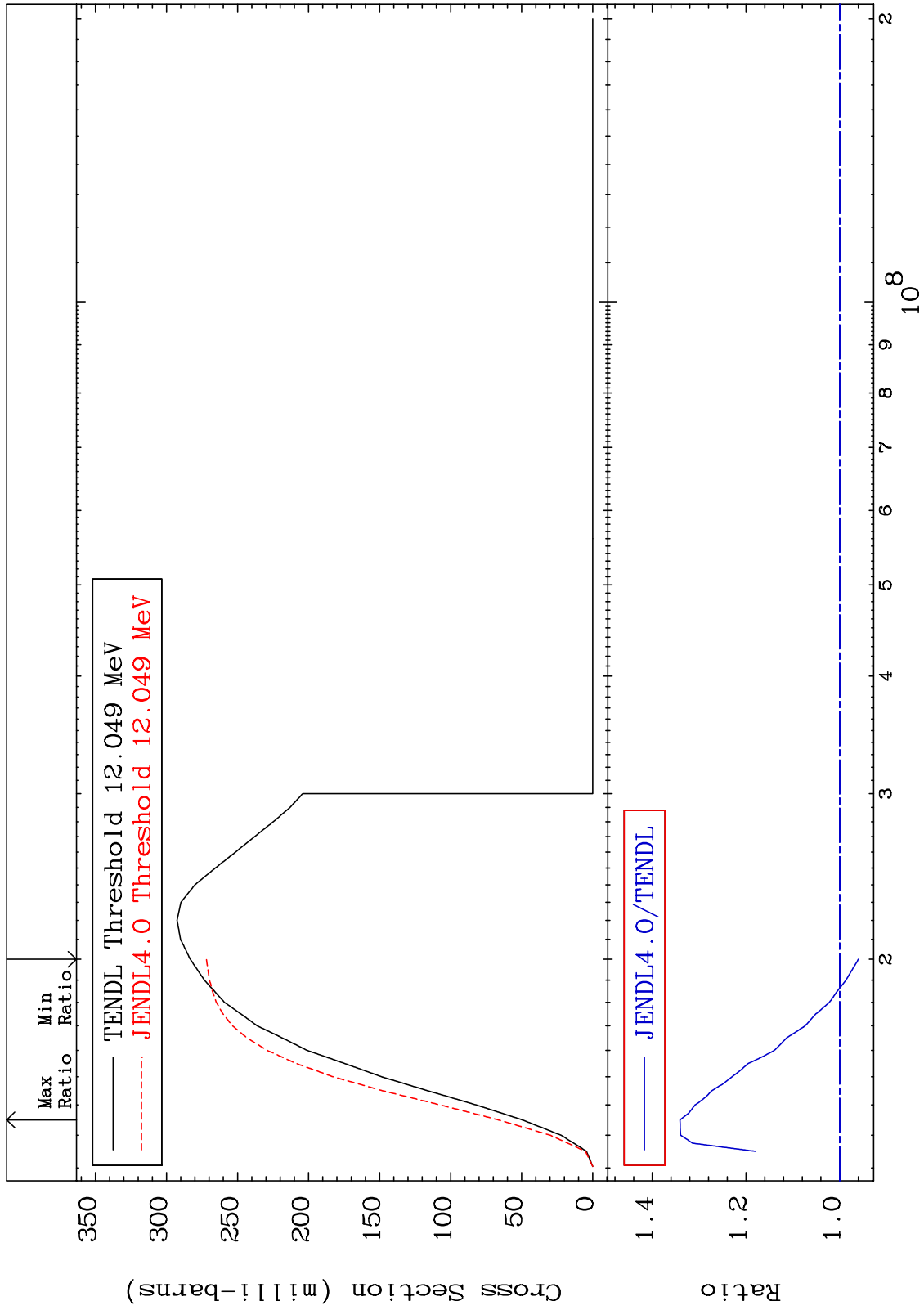
-29.00 To 70.95 %



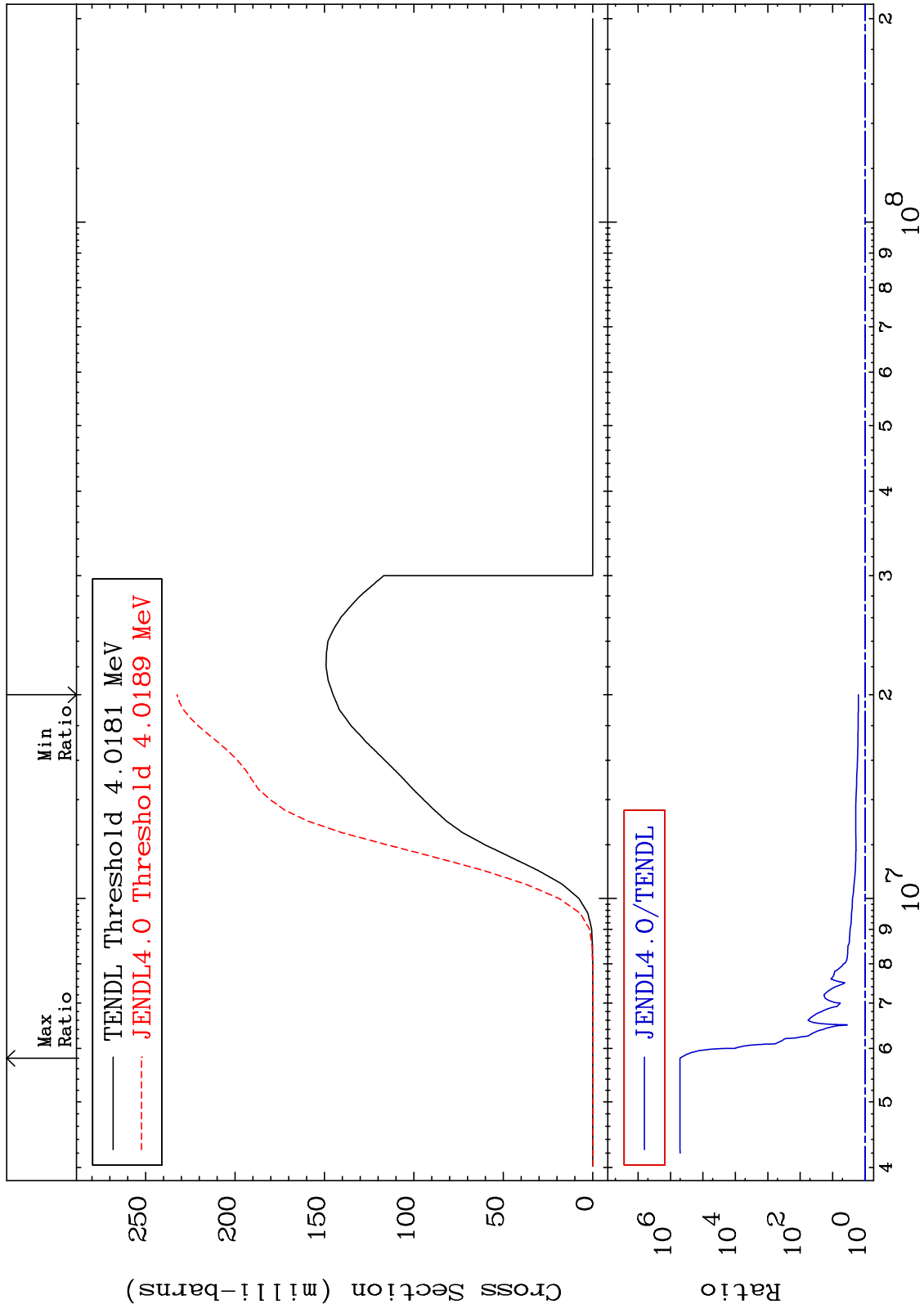
Incident Energy (eV)

30-Zn-64

MAT 3025 (n,2n) 30-Zn-64
Cross Section -3.997 To 34.09 %



MAT 3025 $(n, n') \alpha$ Cross Section 30-Zn-64 To 9999. %



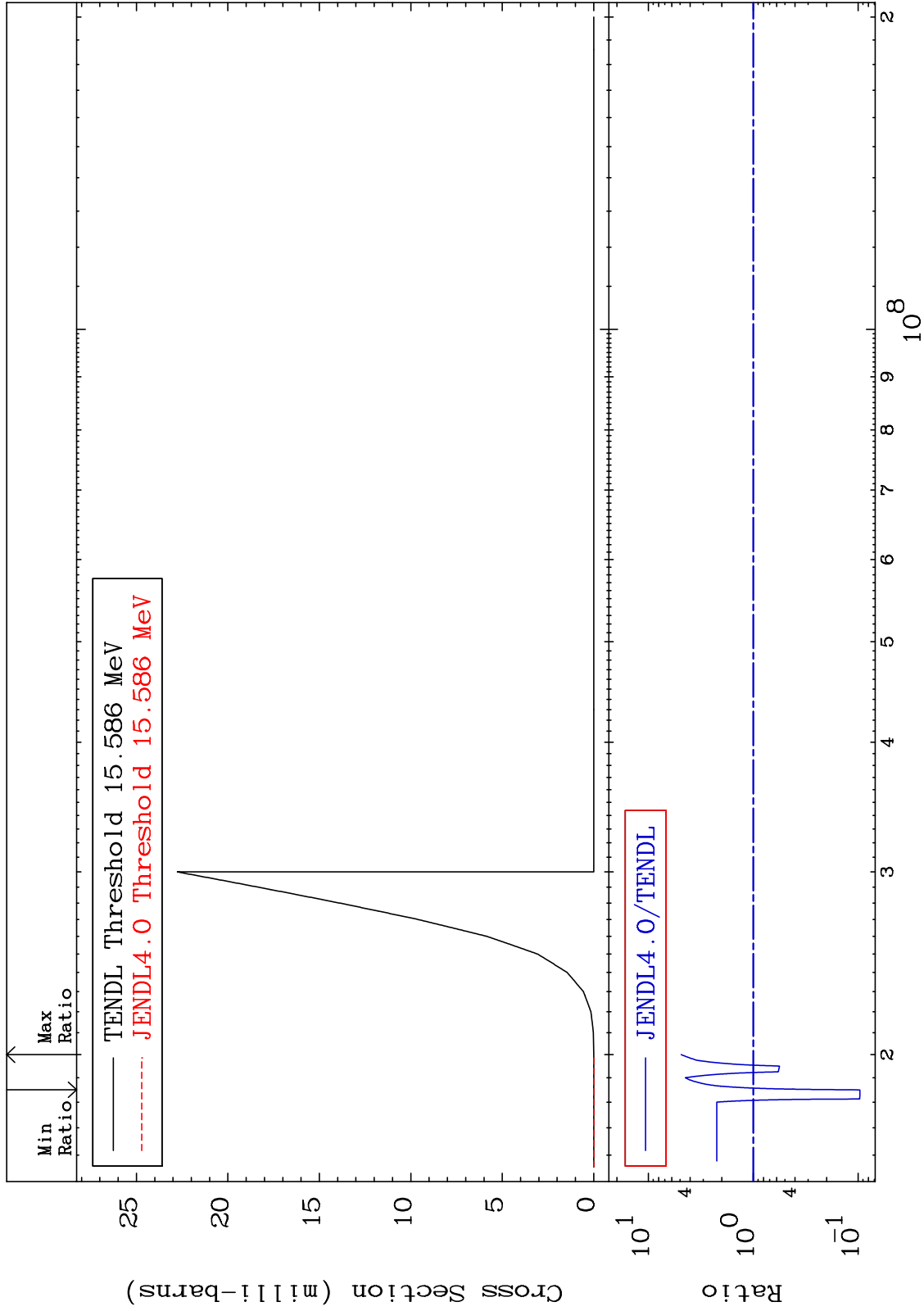
MAT 3025

(n,2n) α

30-Zn-64

Cross Section

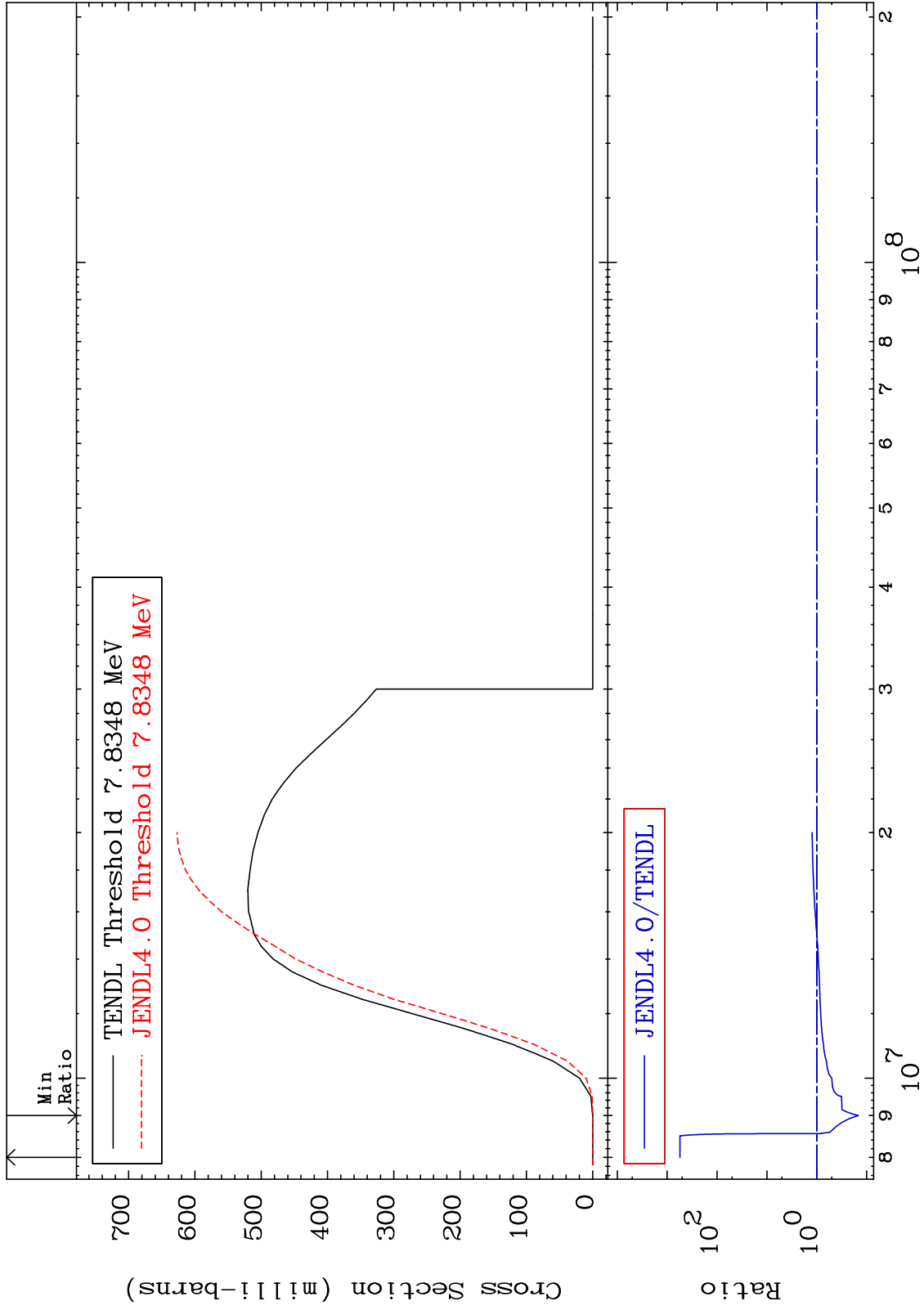
-90.39 To 387.1 %



MAT 3025

(n,n') p
Cross Section

30-Zn-64
-85.39 To 9999. %



7

Incident Energy (eV)

30-Zn-64

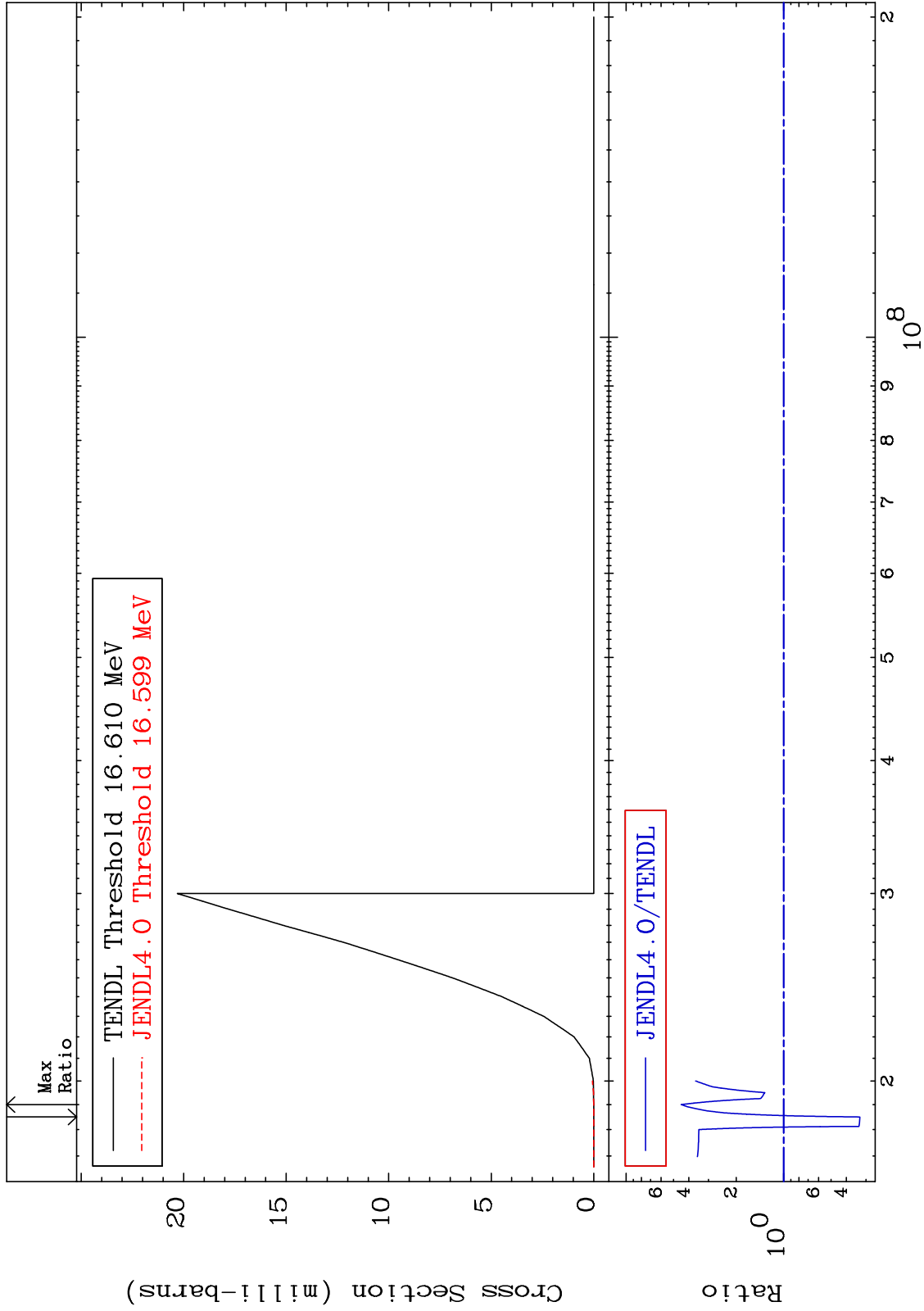
MAT 3025

(n,n') d

30-Zn-64

Cross Section

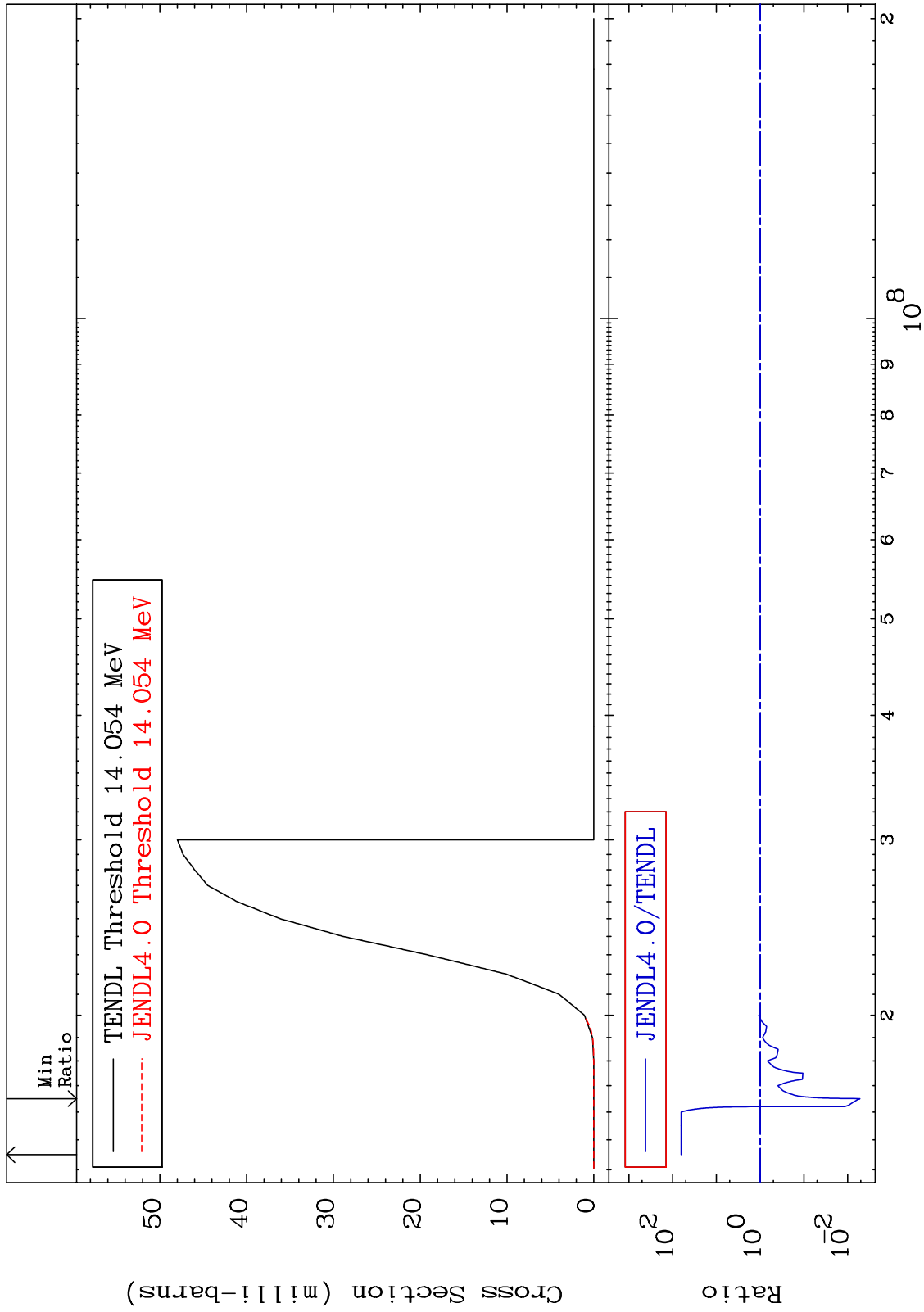
-67.17 To 347.1 %



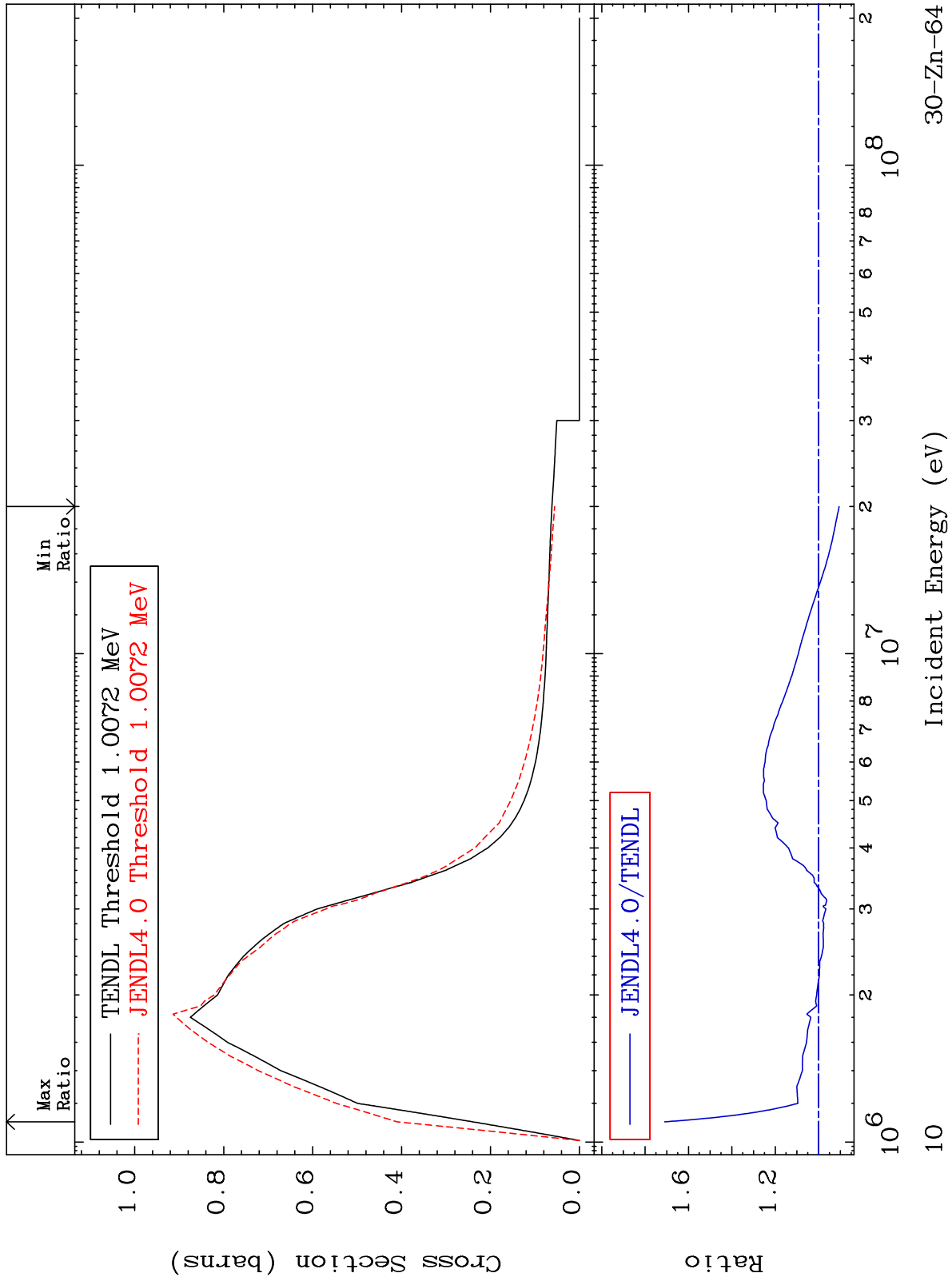
MAT 3025

(n,2n) p
Cross Section

30-Zn-64
-99.48 To 6258. %



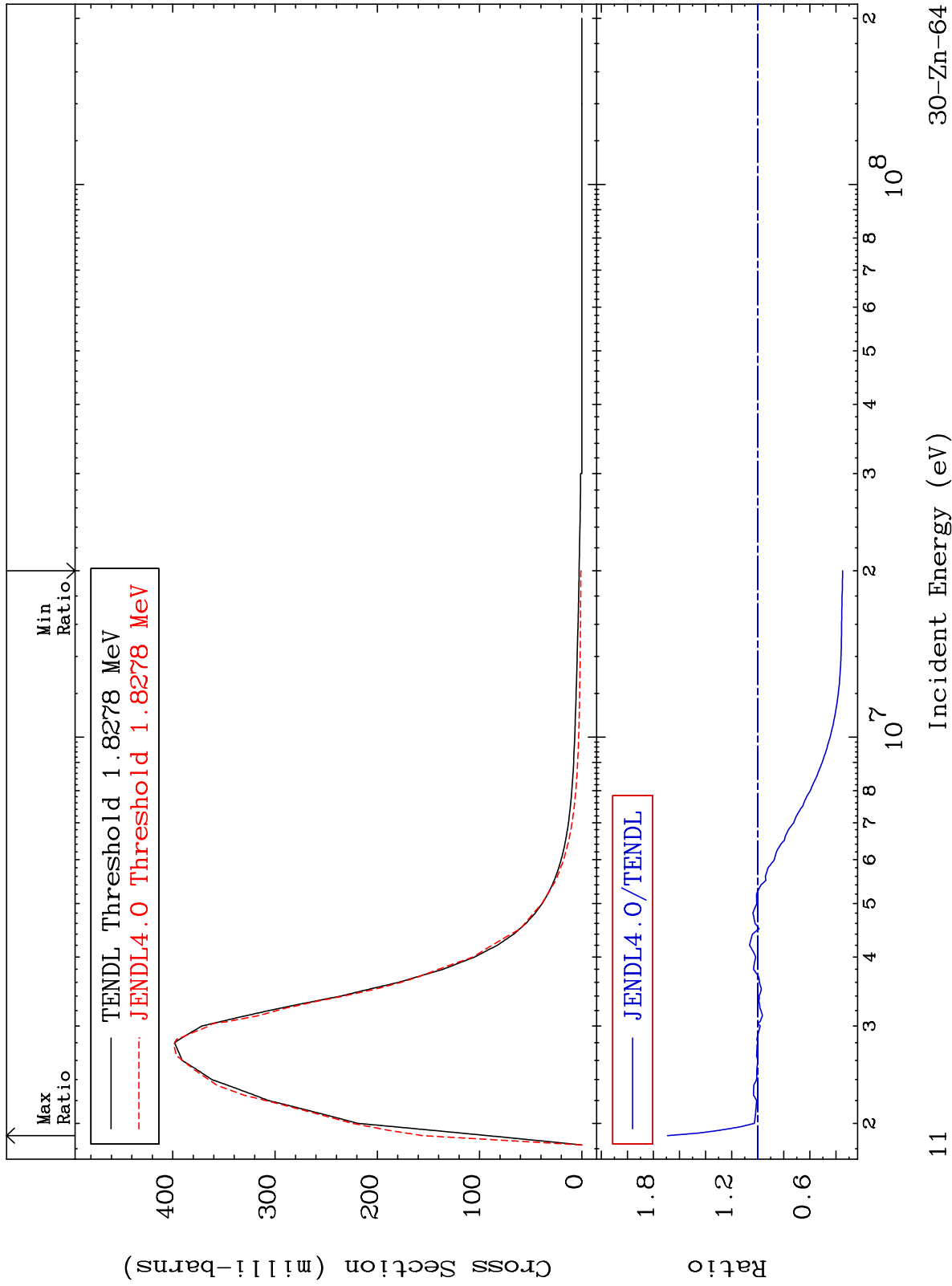
MAT 3025 MT= 51 (n,n') Level 30-Zn-64
Cross Section -9.461 To 70.94 %



MAT 3025

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

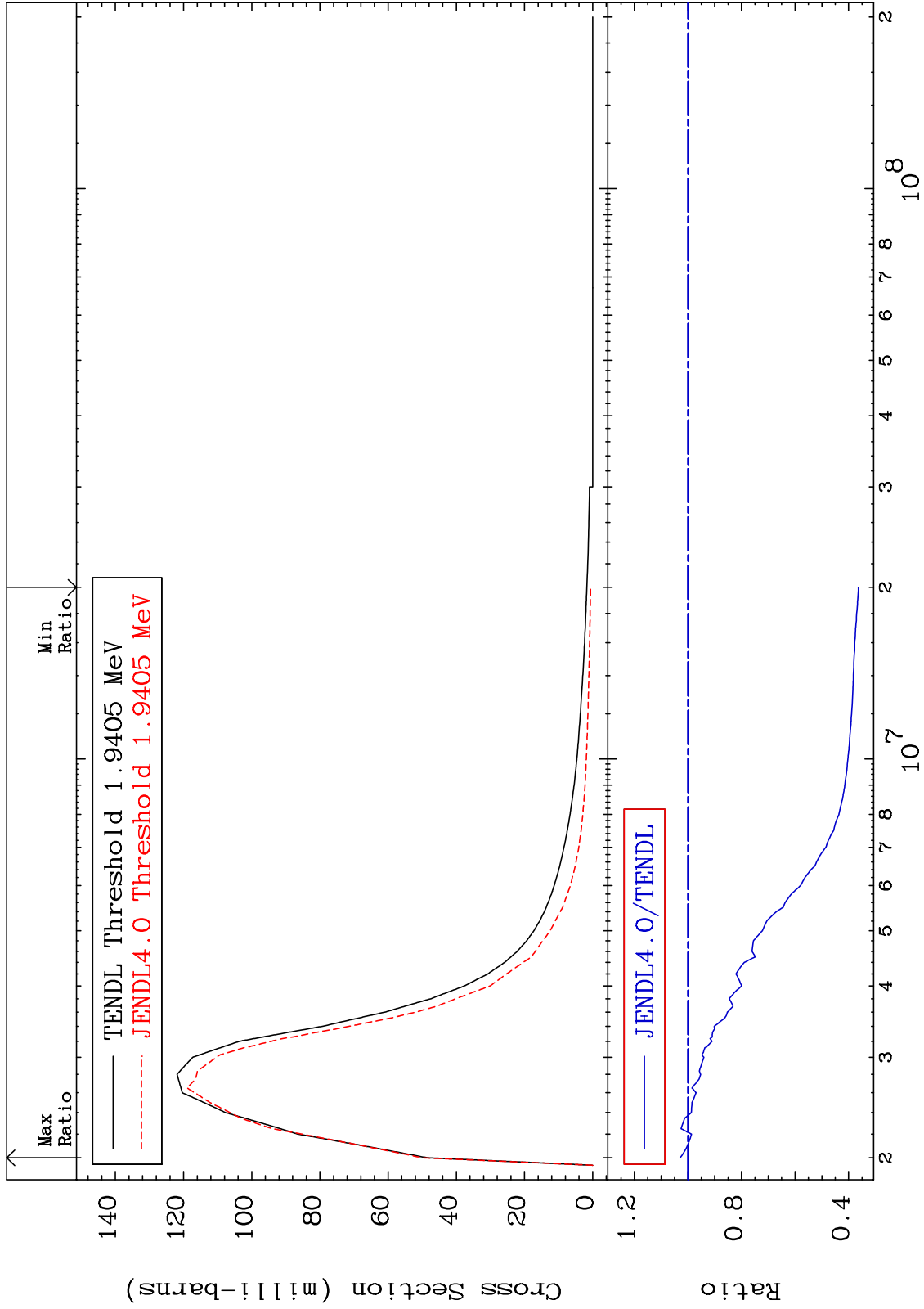
30-Zn-64
-65.15 To 69.18 %



MAT 3025

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

30-Zn-64
-63.65 To 2.959 %



12

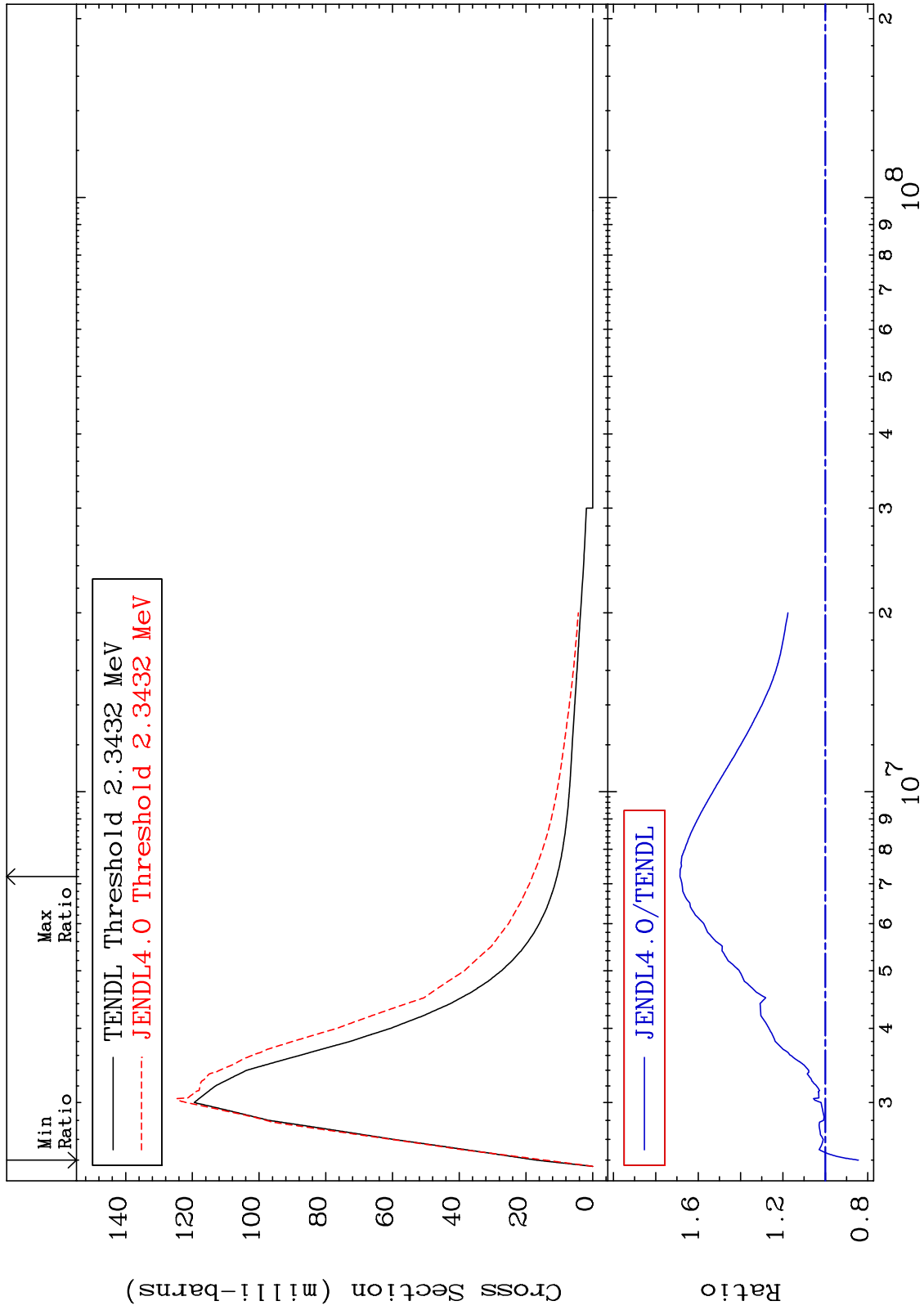
Incident Energy (eV)

30-Zn-64

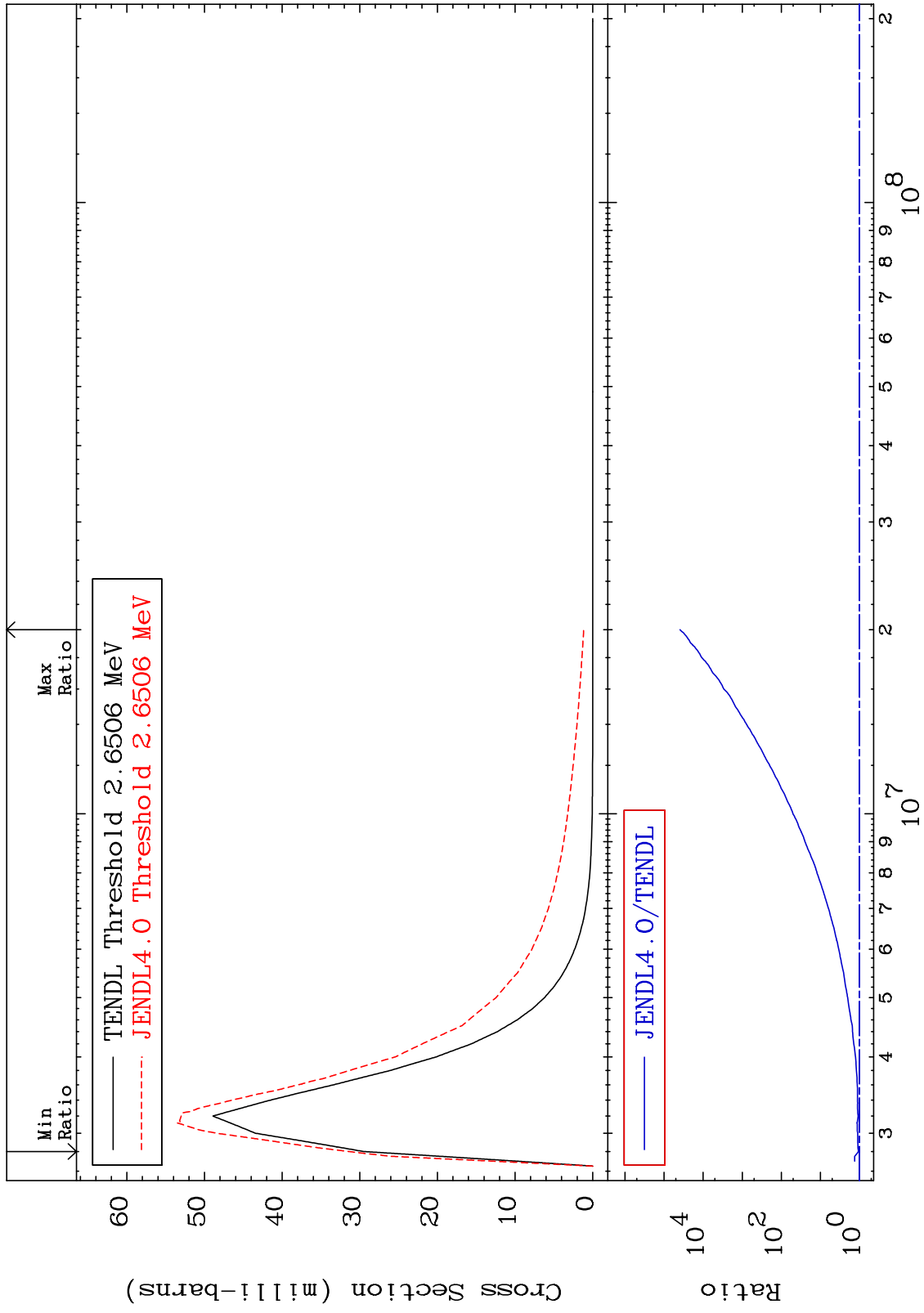
MAT 3025

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

30-Zn-64
-15.61 To 68.57 %



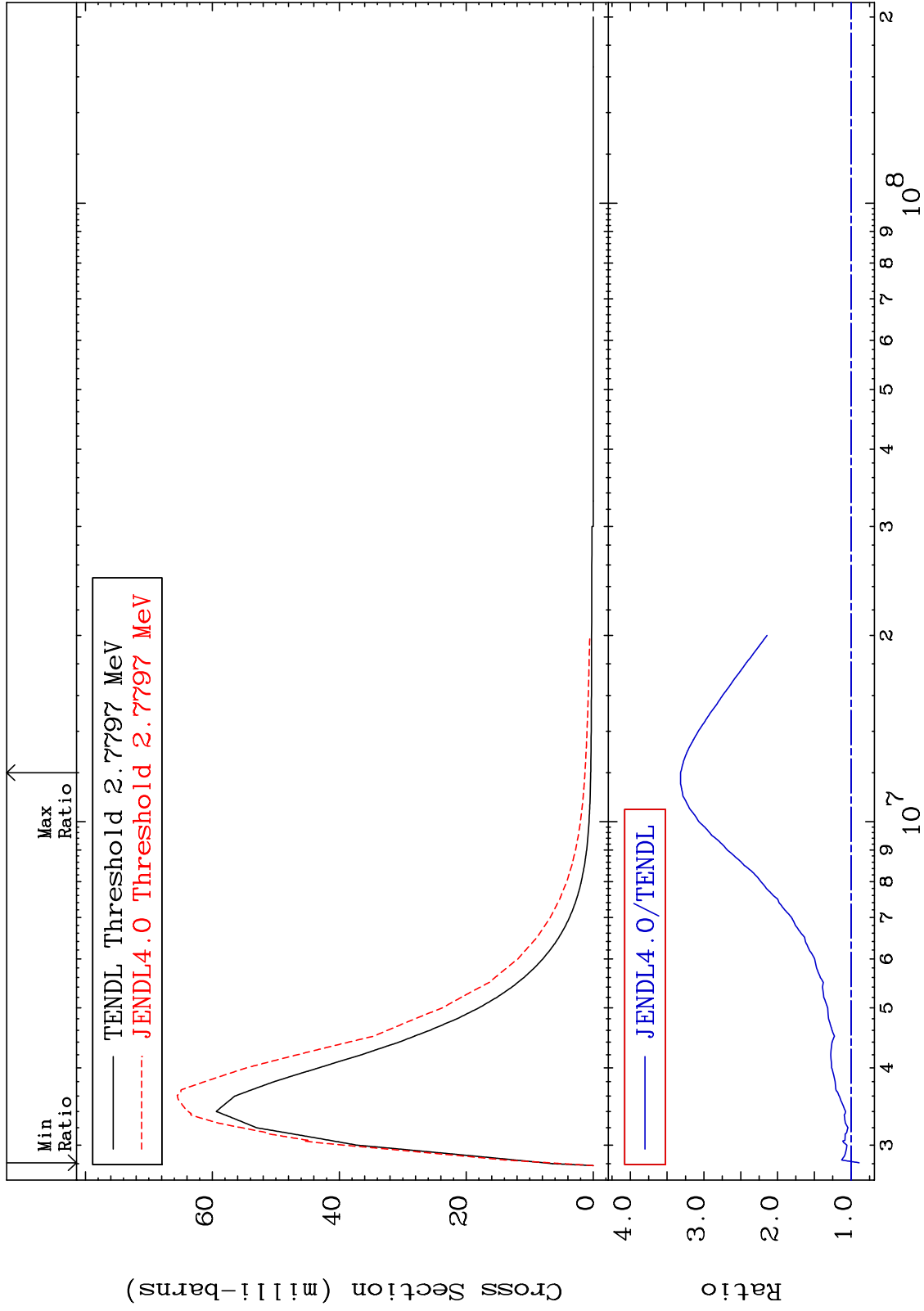
MAT 3025 MT= 55 (n,n') Level Cross Section 30-Zn-64 6.434 To 9999. %



MAT 3025

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

30-Zn-64
-10.96 To 231.7 %

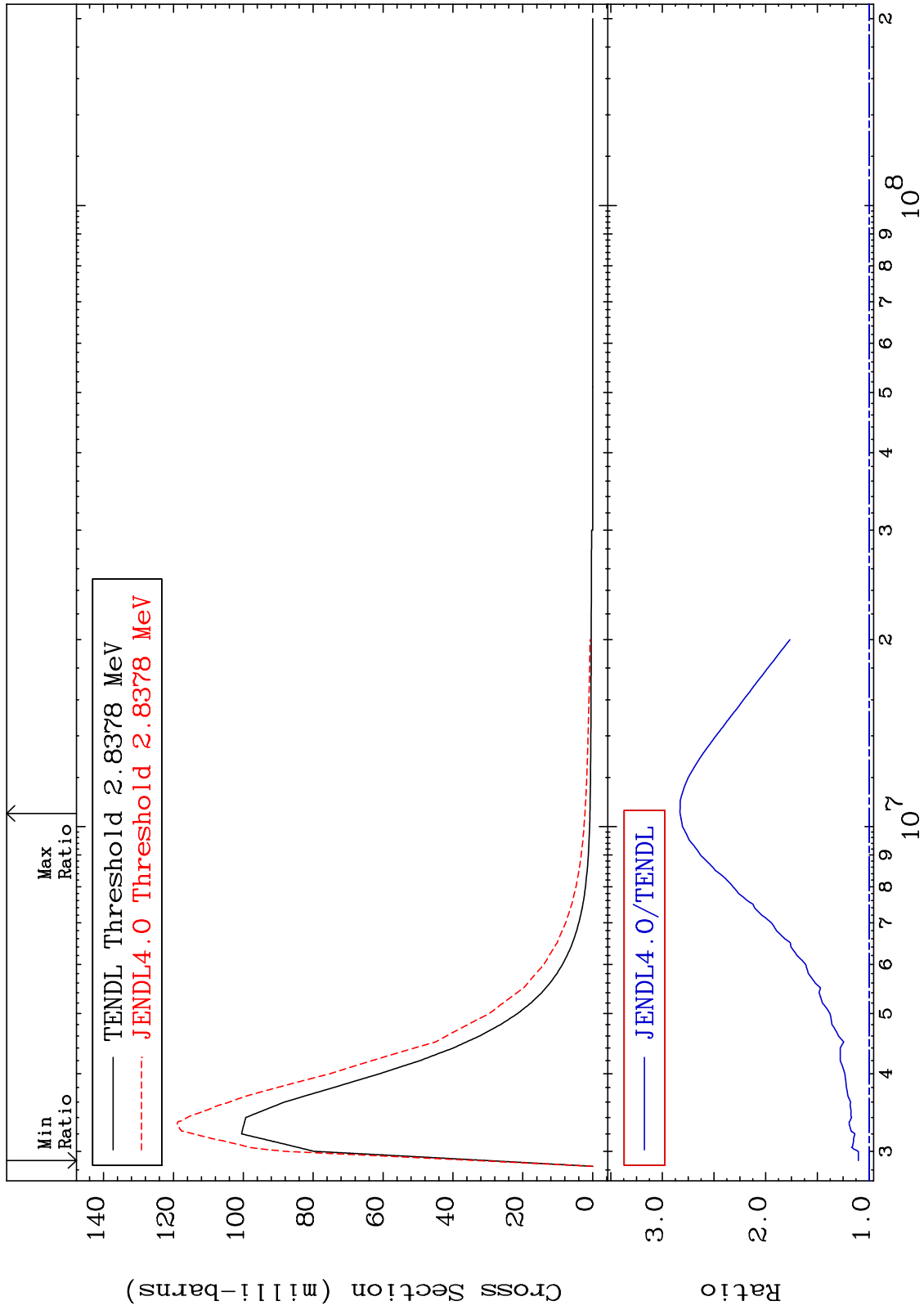


15

Incident Energy (eV)

30-Zn-64

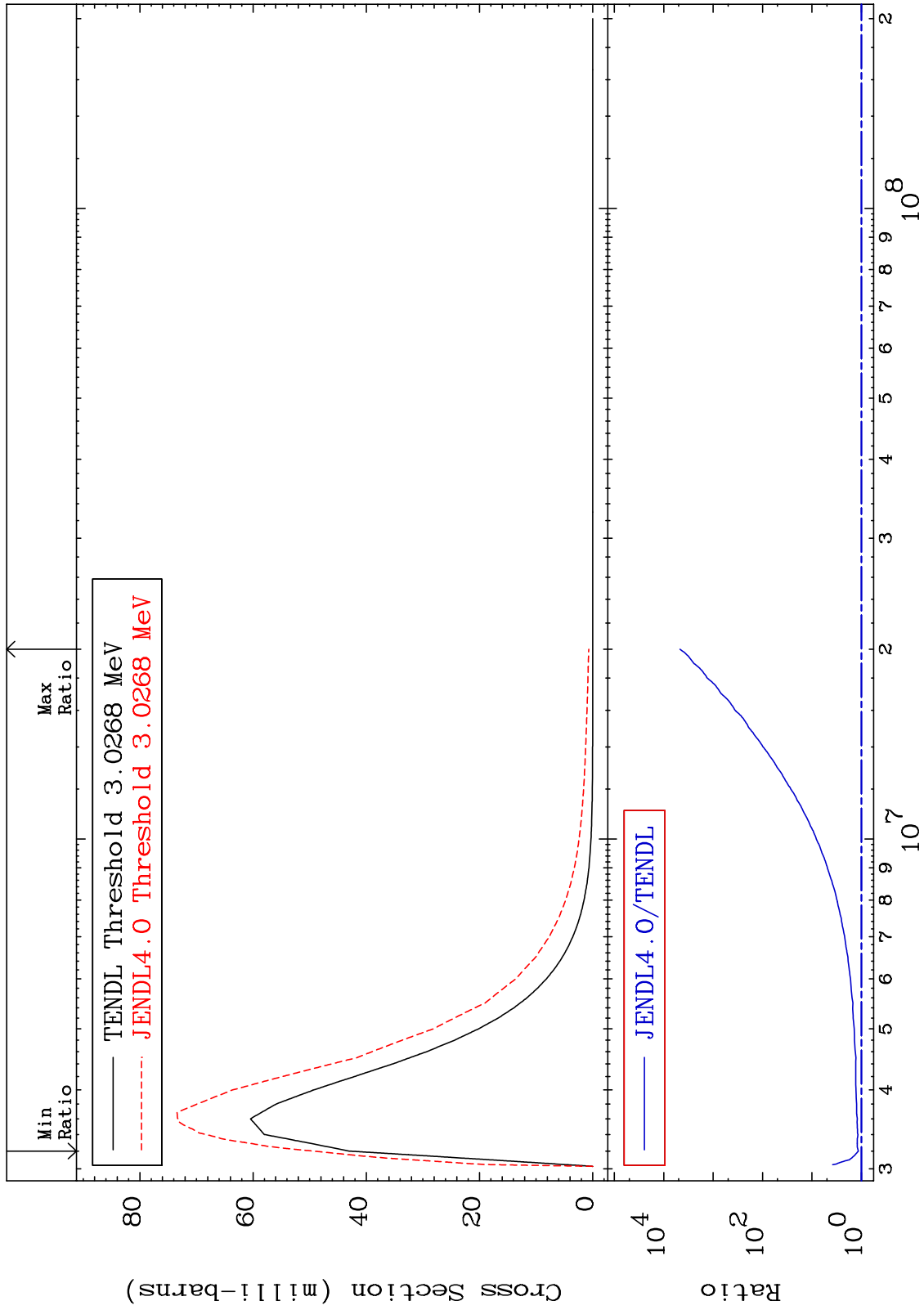
MAT 3025 MT= 57 (n,n') Level Cross Section 30-Zn-64 10.21 To 182.9 %



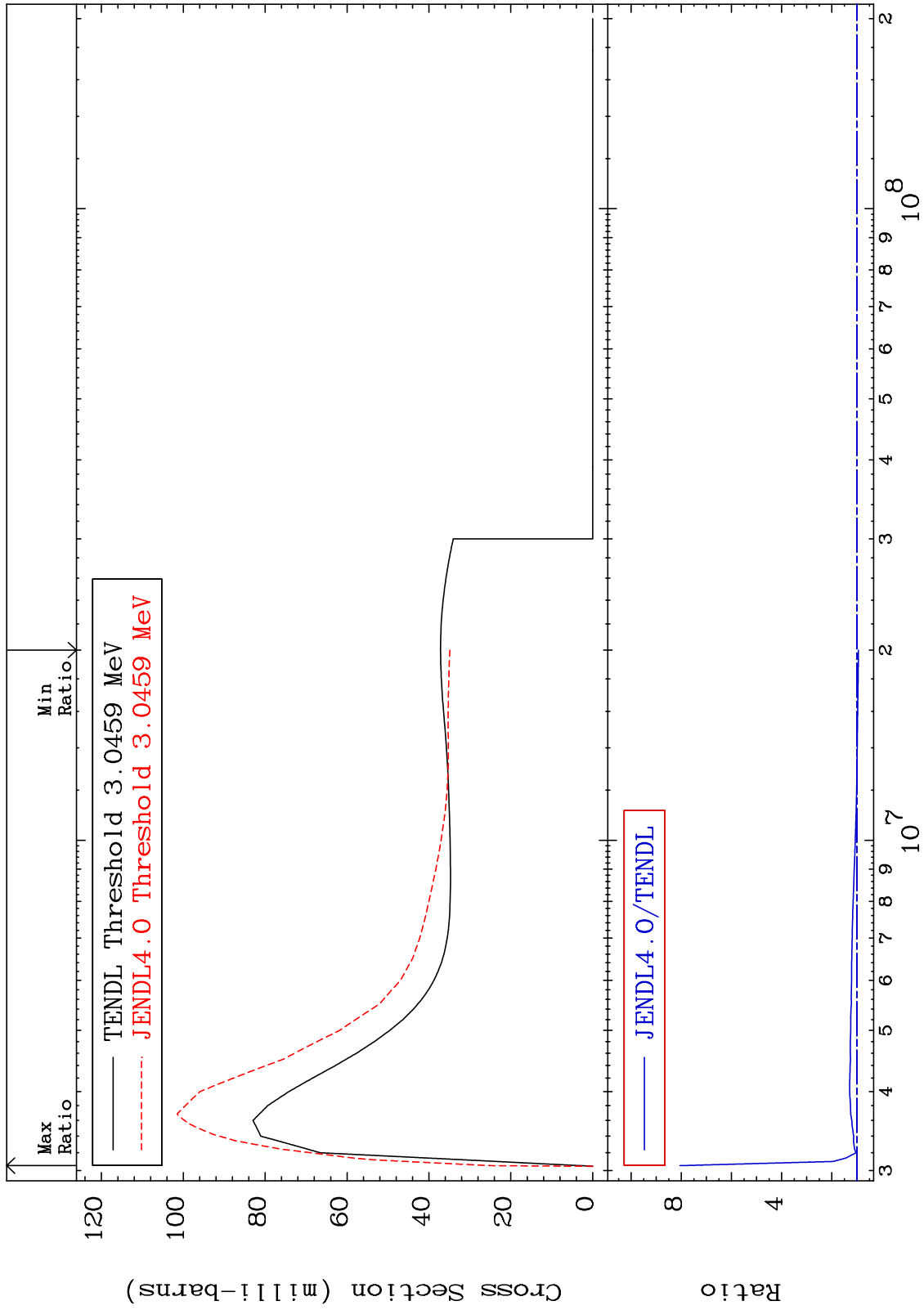
30-Zn-64

Incident Energy (eV)

MAT 3025 MT= 58 (n,n') Level Cross Section 30-Zn-64 14.84 To 9999. %



MAT 3025 MT= 59 (n,n') Level 30-Zn-64
 Cross Section -6.076 To 705.2 %

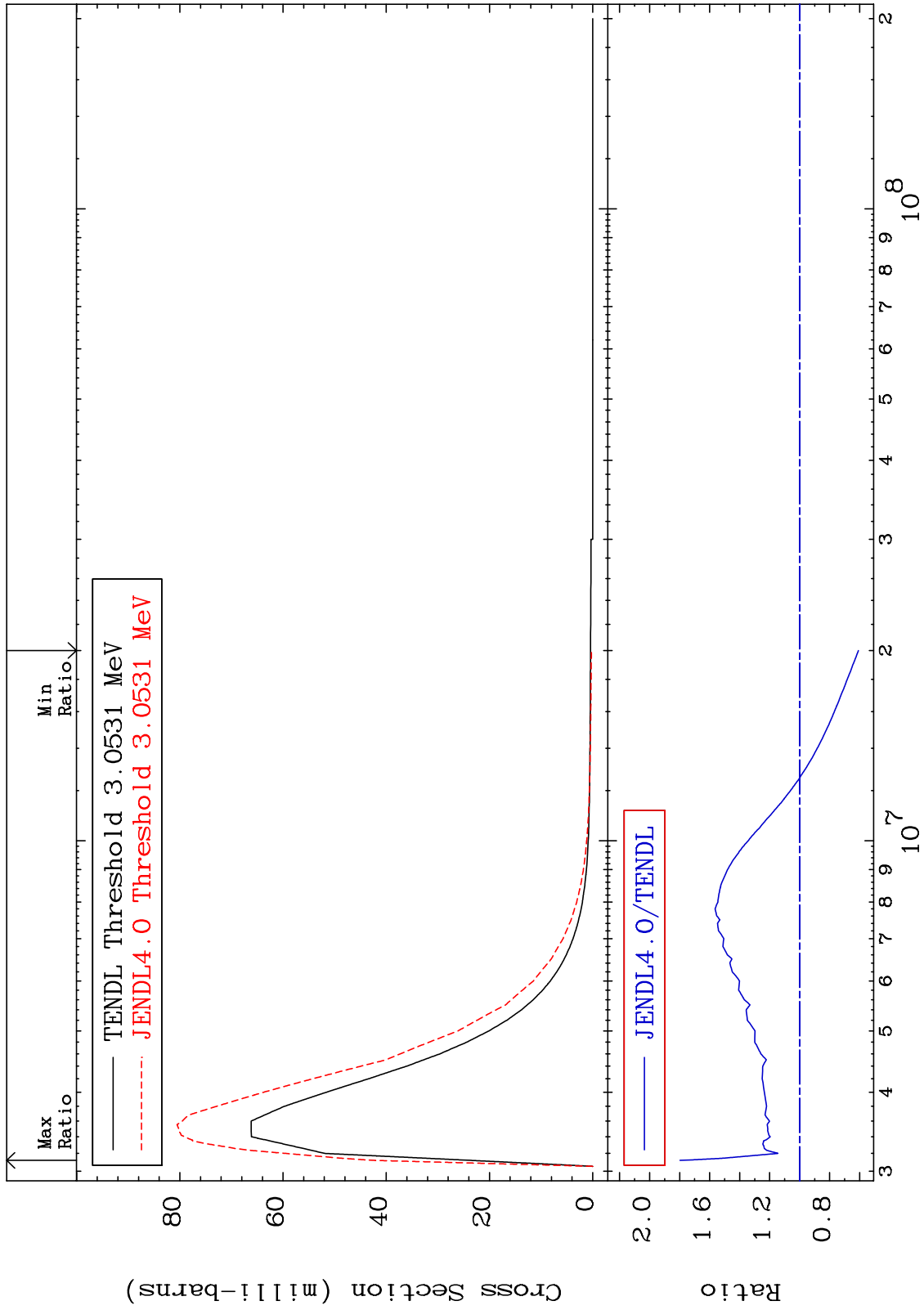


18 Incident Energy (eV) 30-Zn-64

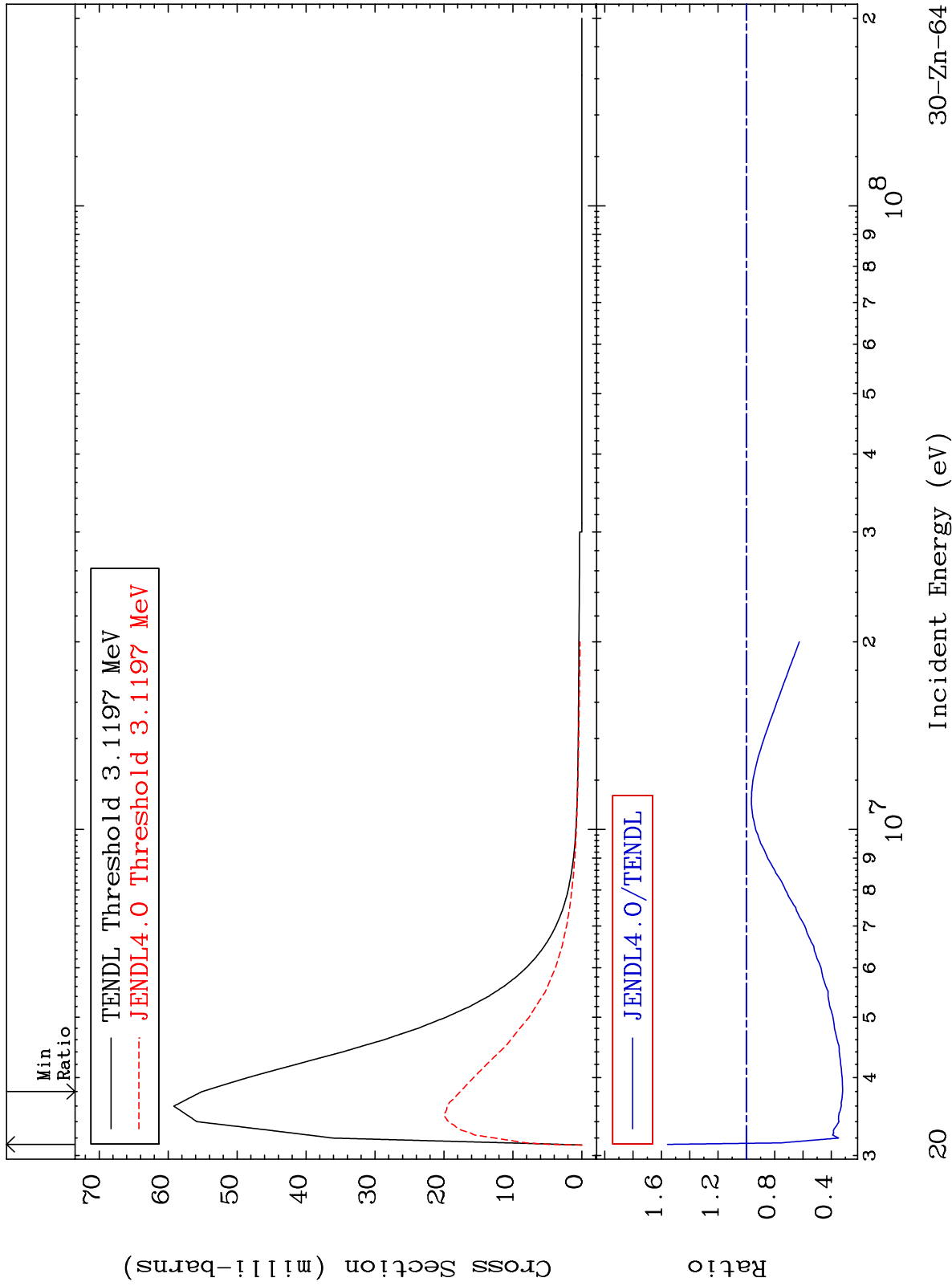
MAT 3025

MT= 60 (n,n') Level
Cross Section

30-Zn-64
-39.15 To 79.75 %



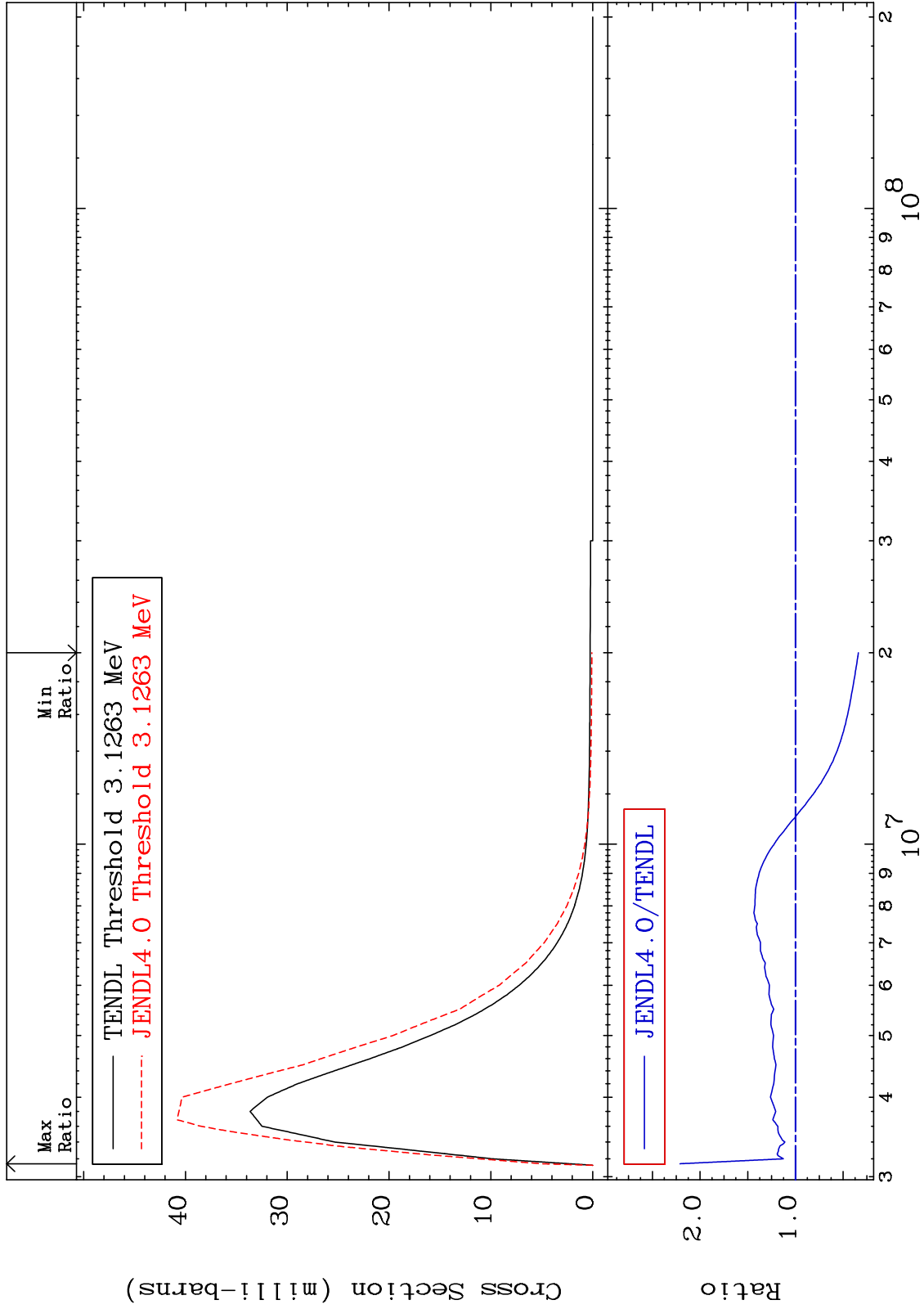
MAT 3025 MT= 61 (n,n') Level 30-Zn-64
Cross Section -68.00 To 55.67 %



MAT 3025

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

30-Zn-64
-66.03 To 121.0 %

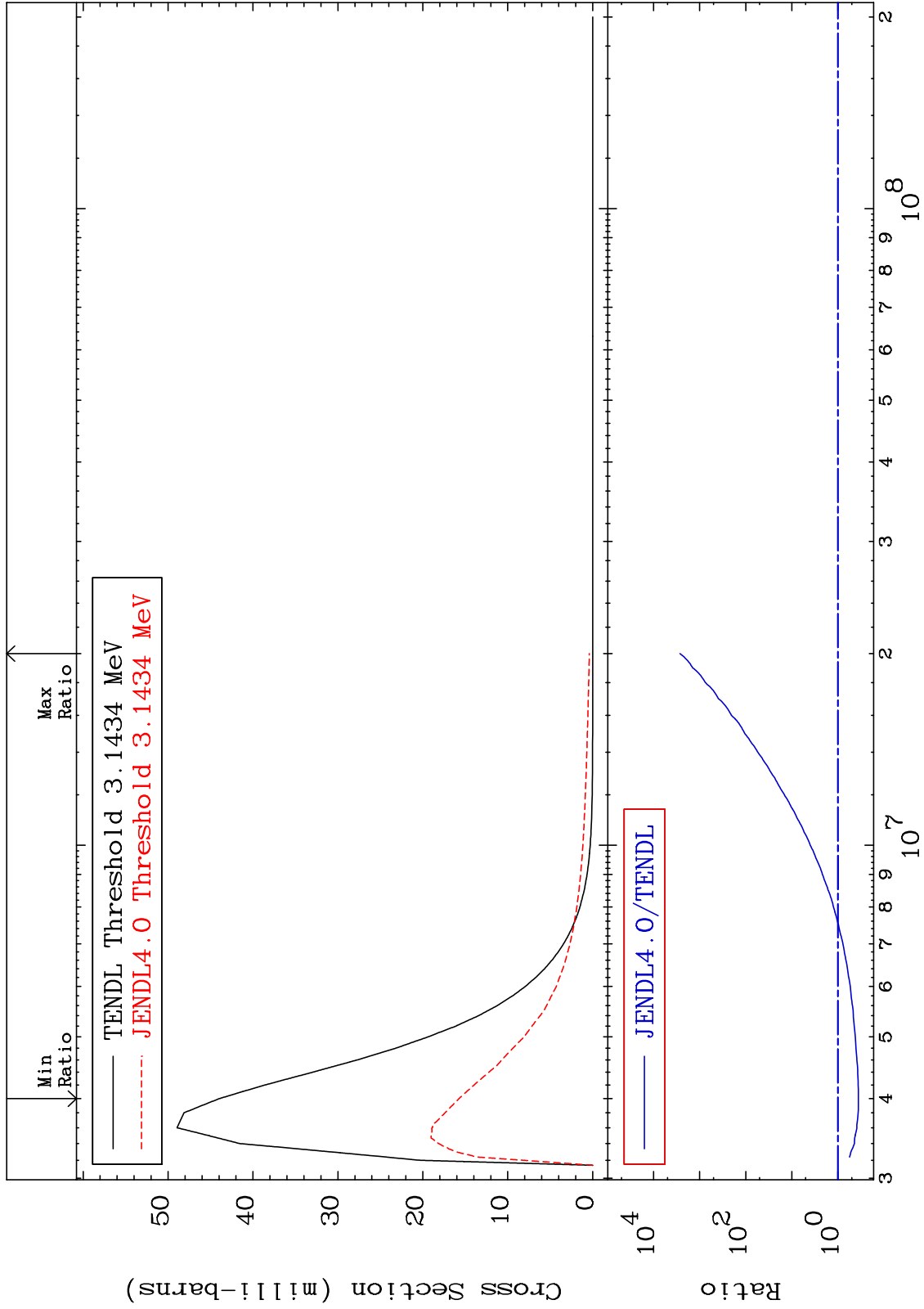


30-Zn-64
Incident Energy (eV)

MAT 3025

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

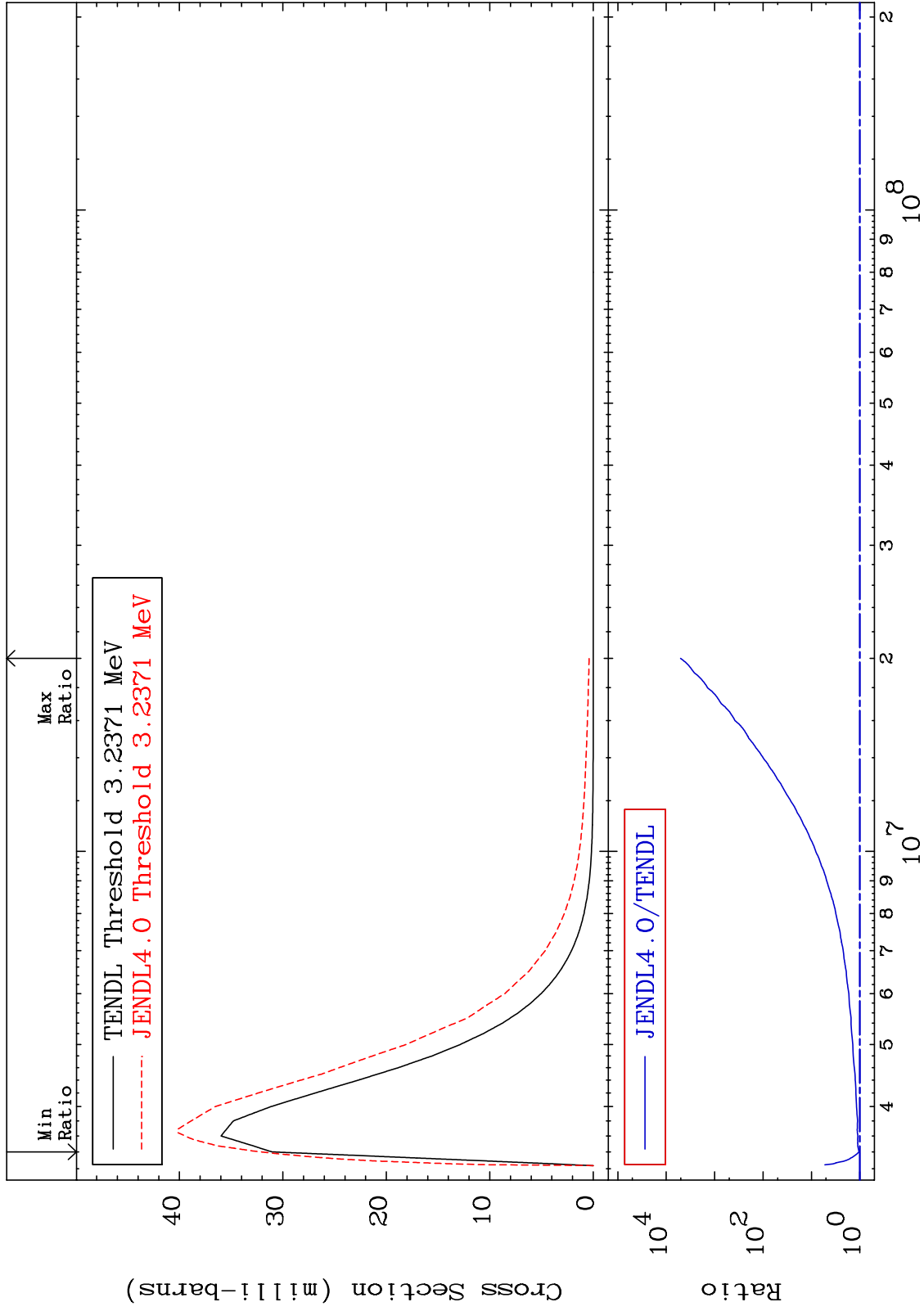
30-Zn-64
-64.20 To 9999. %



MAT 3025

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

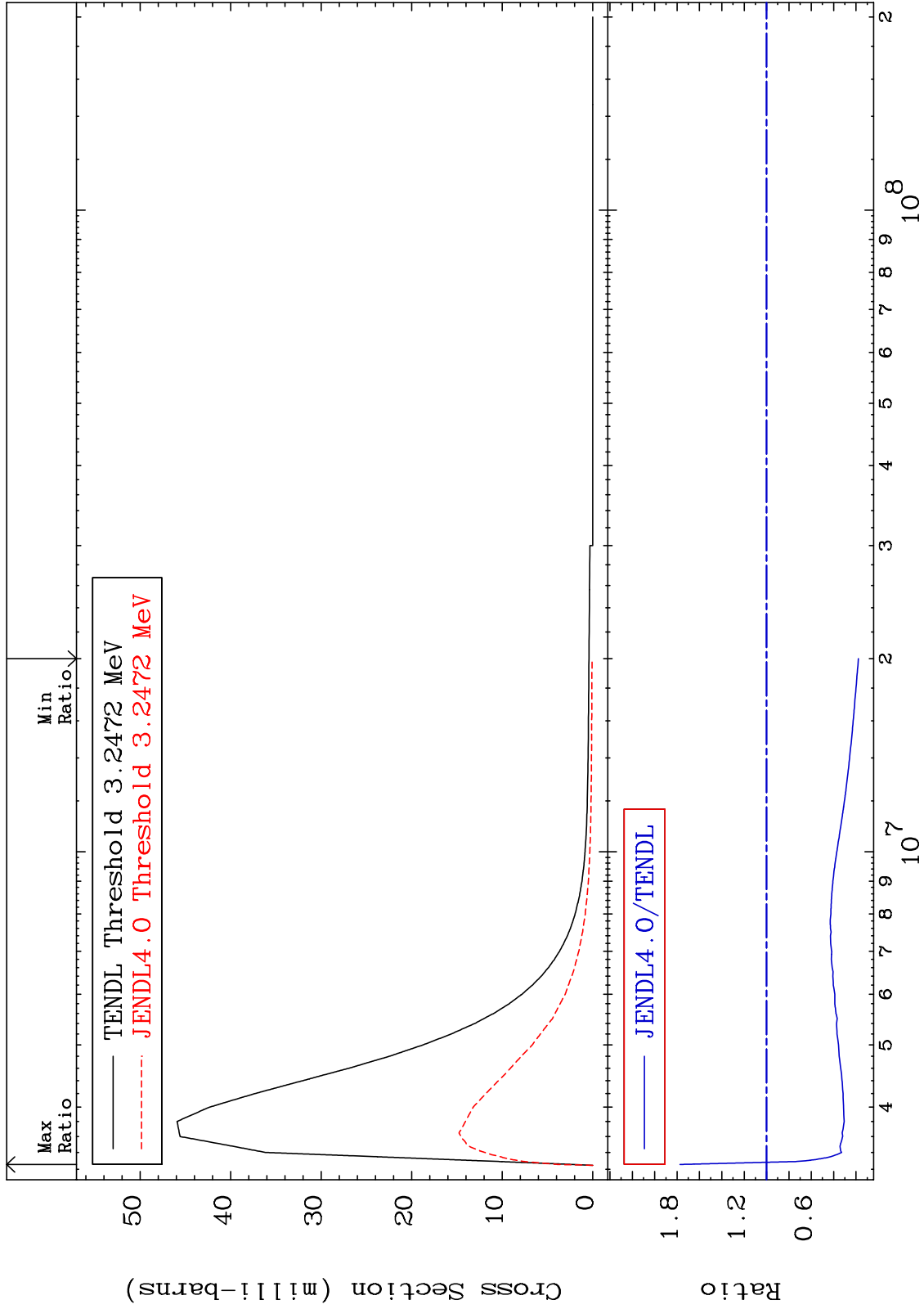
30-Zn-64
3.347 To 9999. %



MAT 3025

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

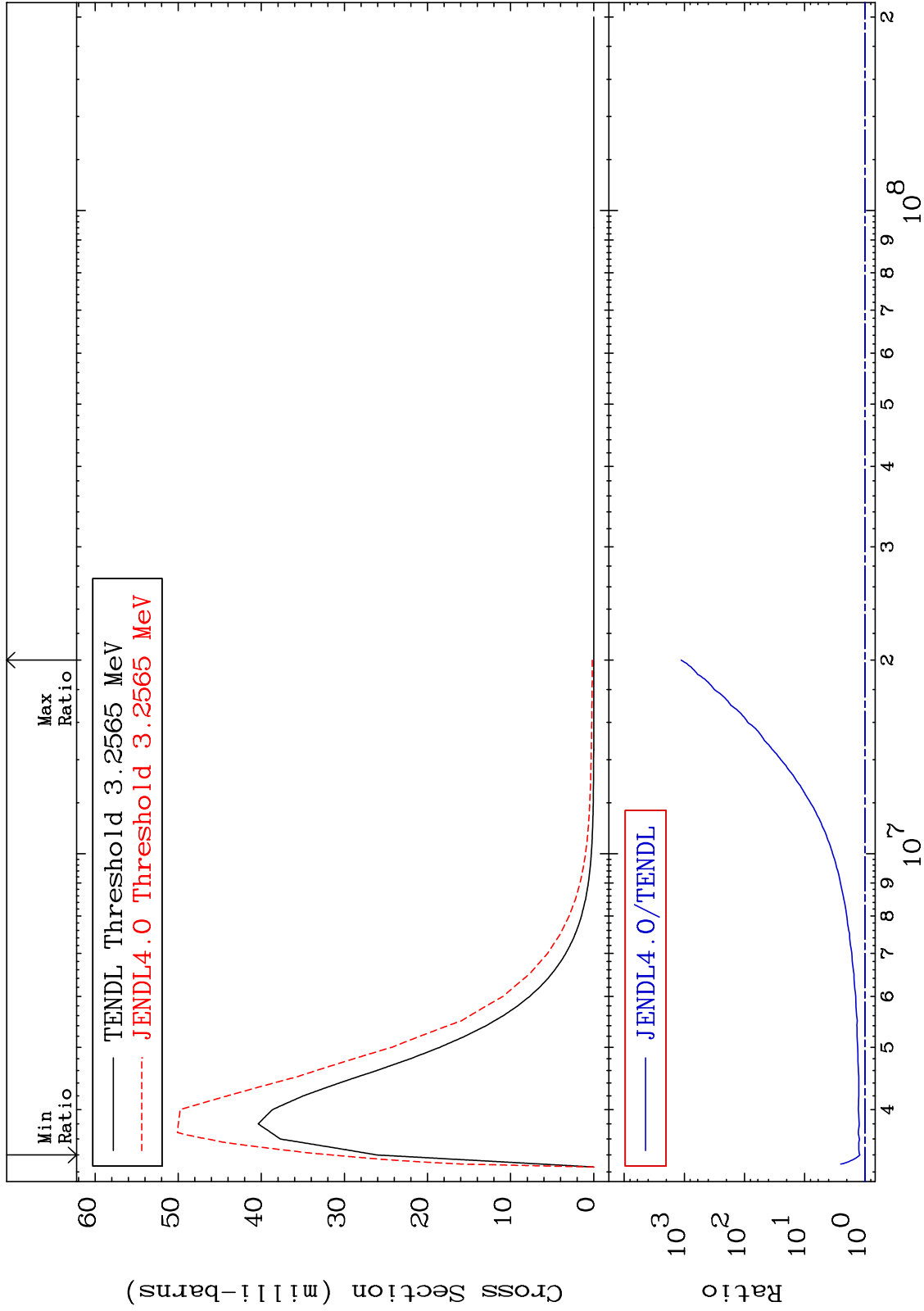
30-Zn-64
-82.12 To 77.37 %



MAT 3025

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

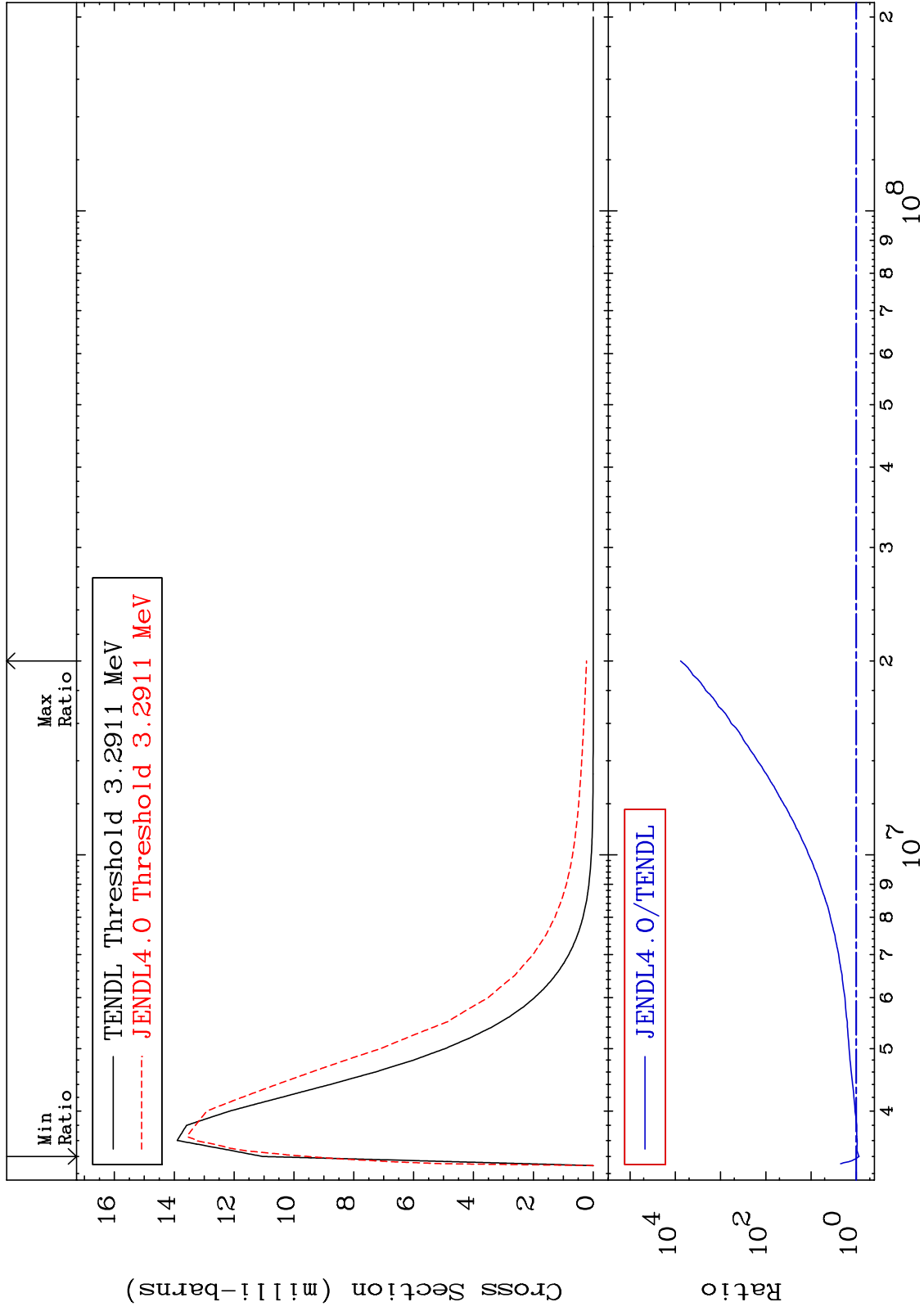
30-Zn-64
20.86 To 9999. %



MAT 3025

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

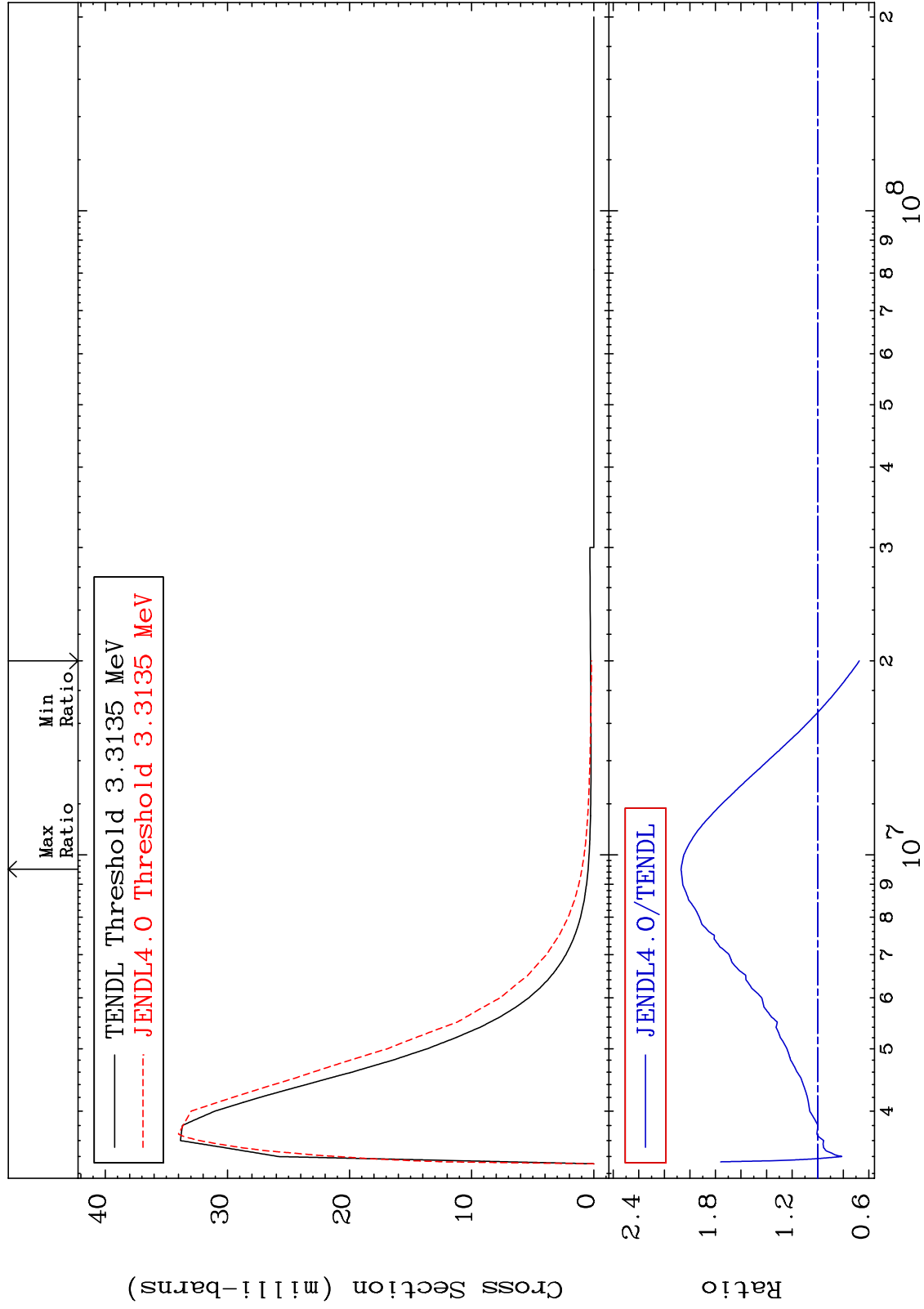
30-Zn-64
-13.64 To 9999. %



MAT 3025

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

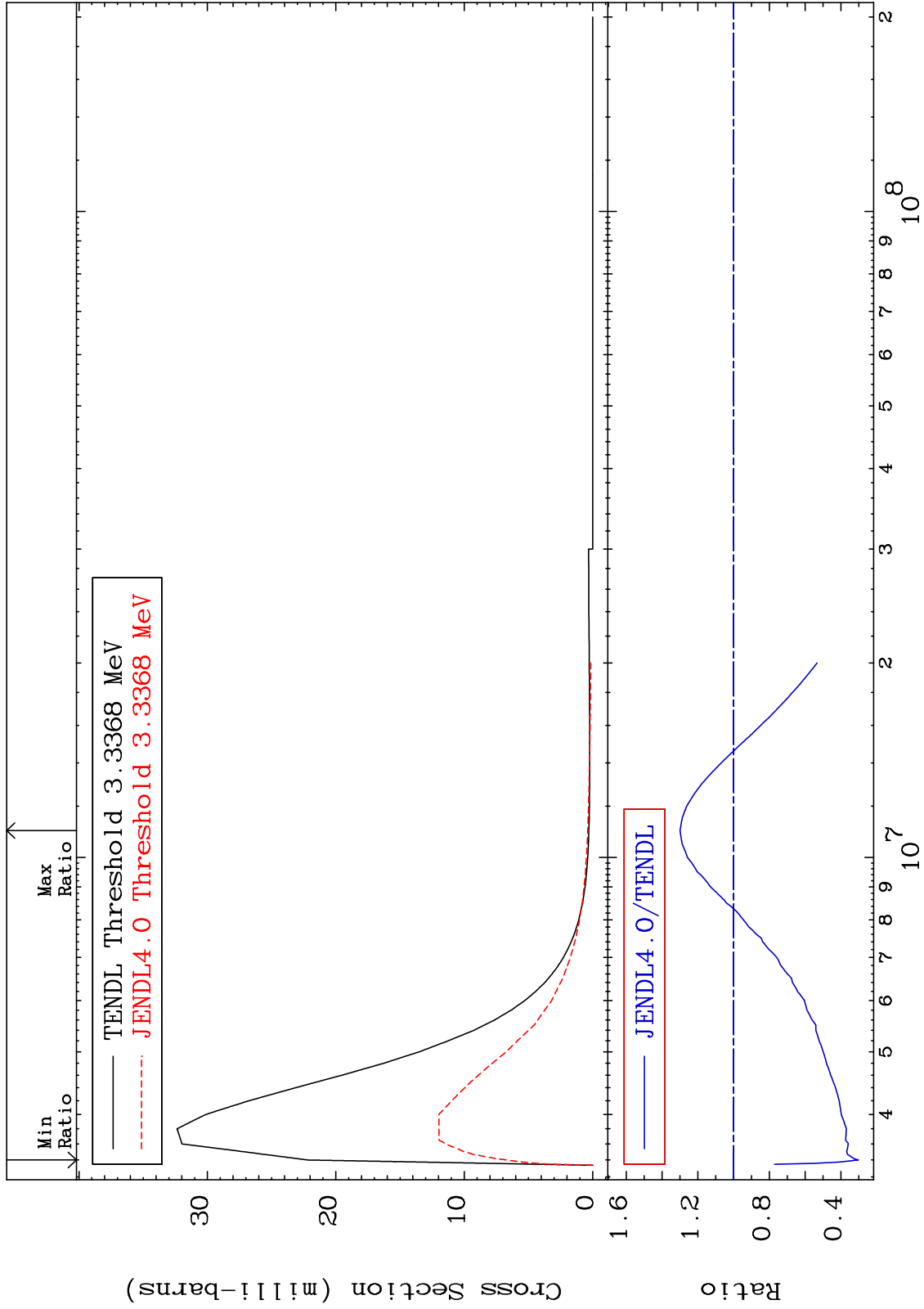
30-Zn-64
-32.53 To 106.9 %



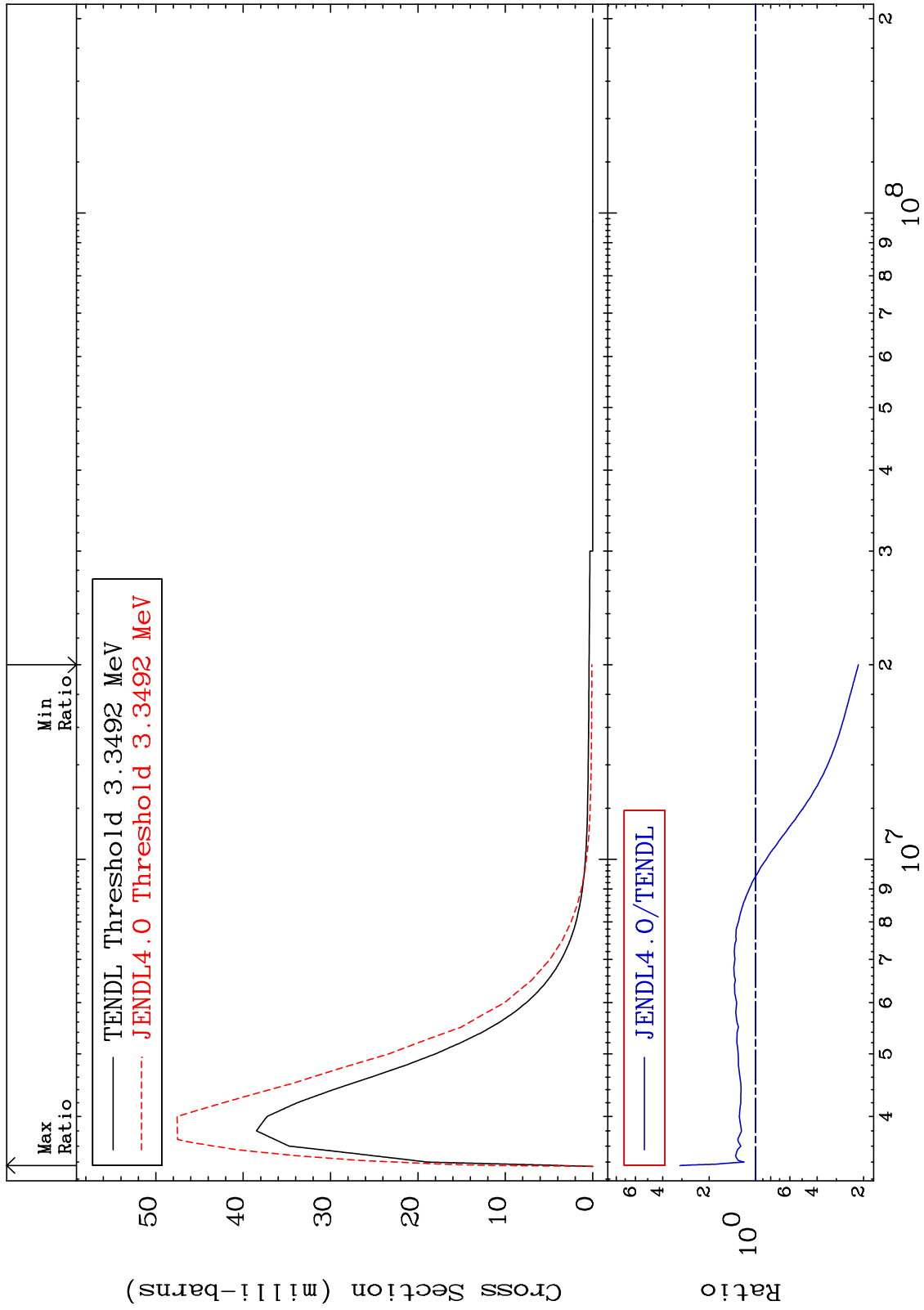
MAT 3025

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

30-Zn-64
-69.81 To 29.92 %

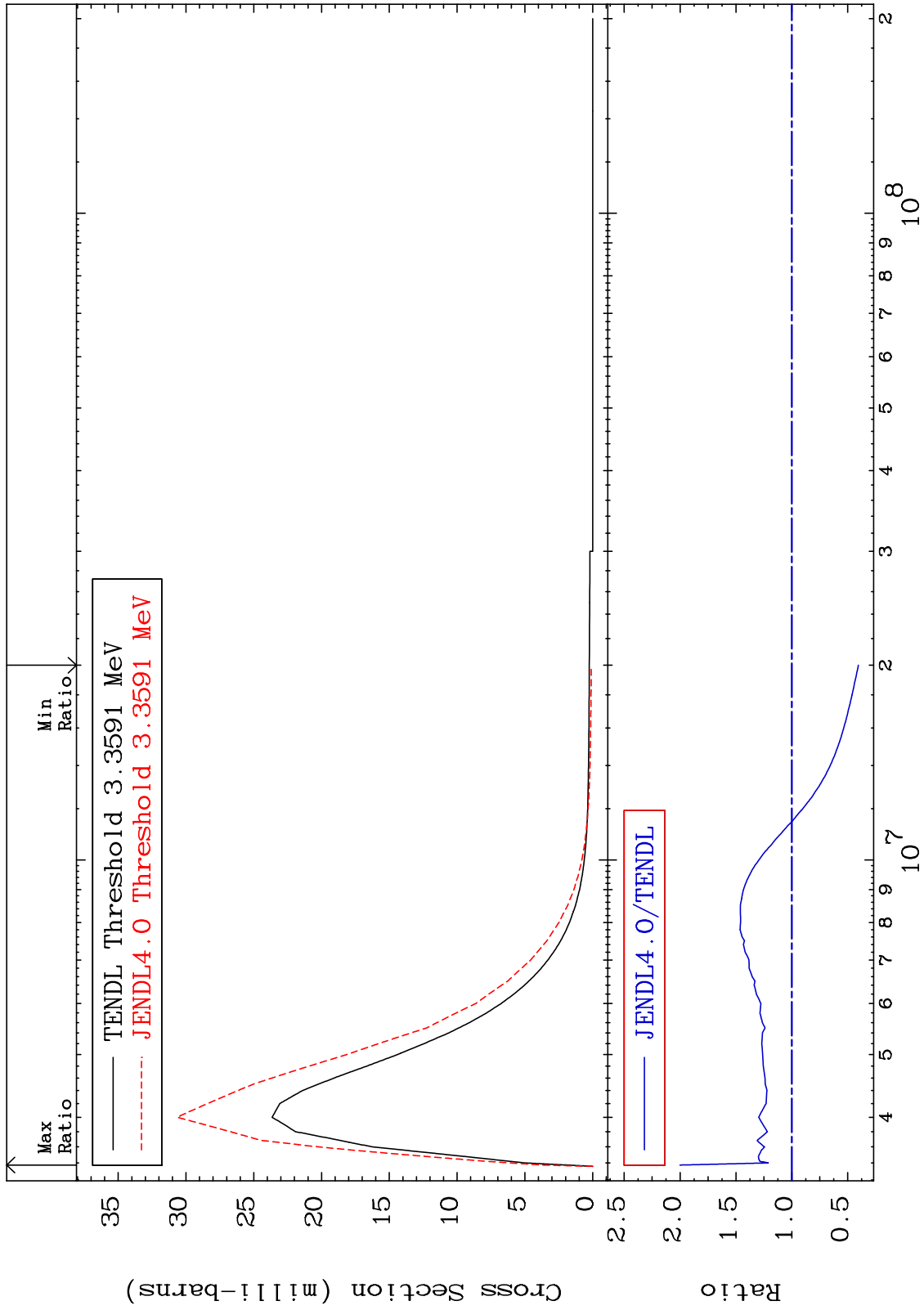


MAT 3025 MT= 70 (n,n') Level
 Cross Section 30-Zn-64
 -78.40 To 209.0 %



30-Zn-64 Incident Energy (eV)

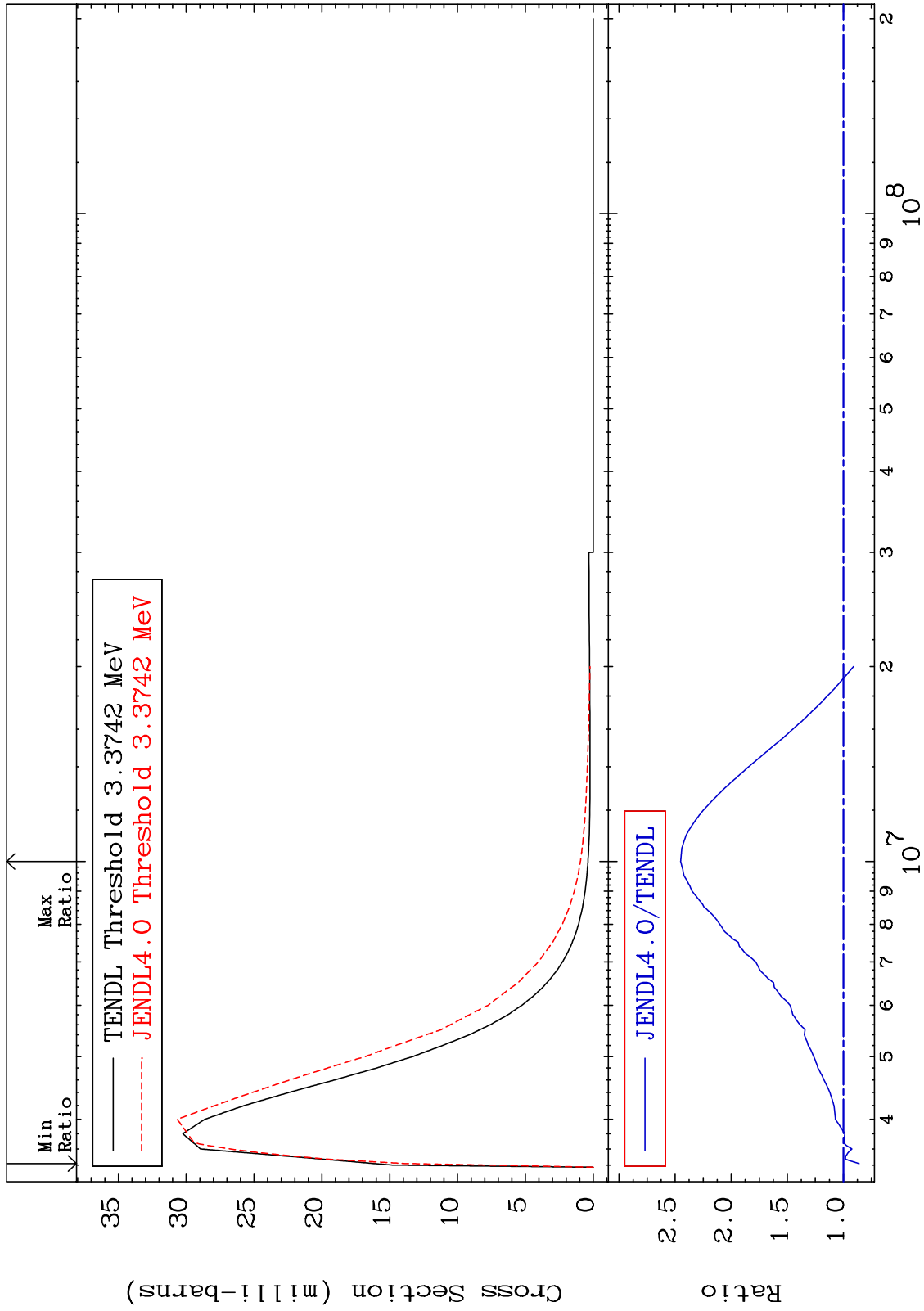
MAT 3025 MT= 71 (n,n') Level 30-Zn-64
Cross Section -59.53 To 100.0 %



MAT 3025

MT= 72 (n,n') Level
Cross Section

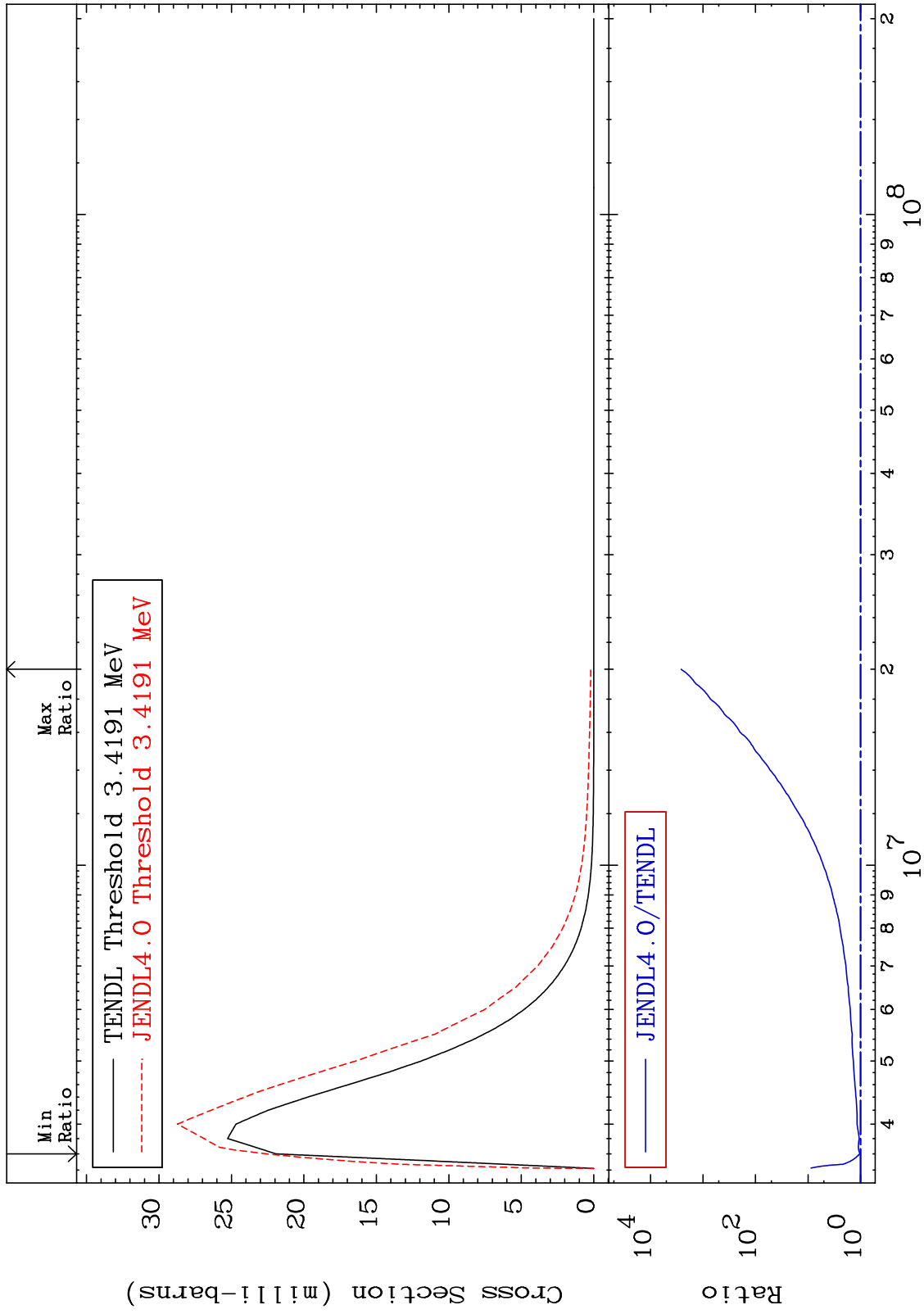
30-Zn-64
-14.09 To 145.1 %



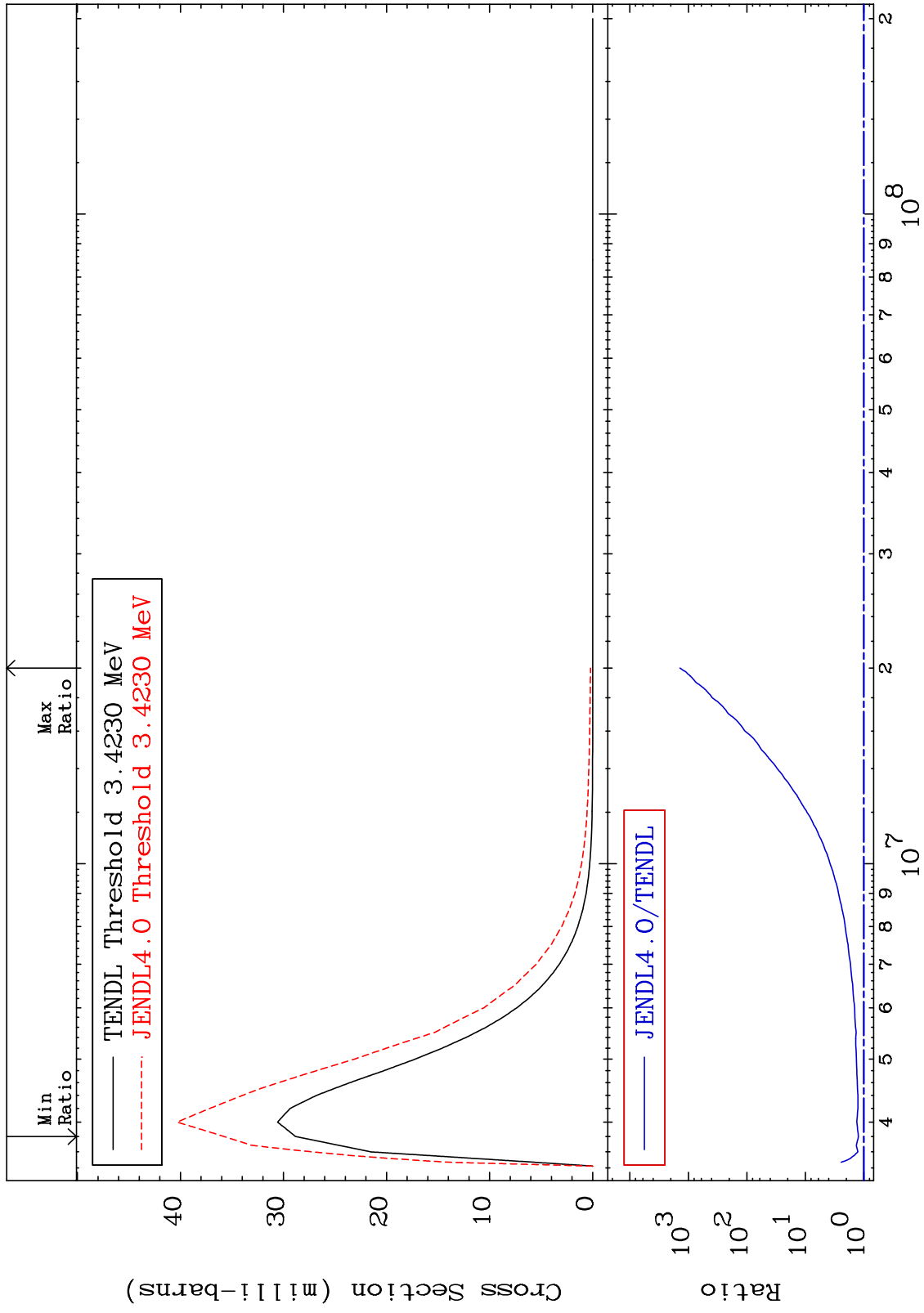
MAT 3025

MT= 73 (n,n') Level
Cross Section

30-Zn-64
2.875 To 9999. %



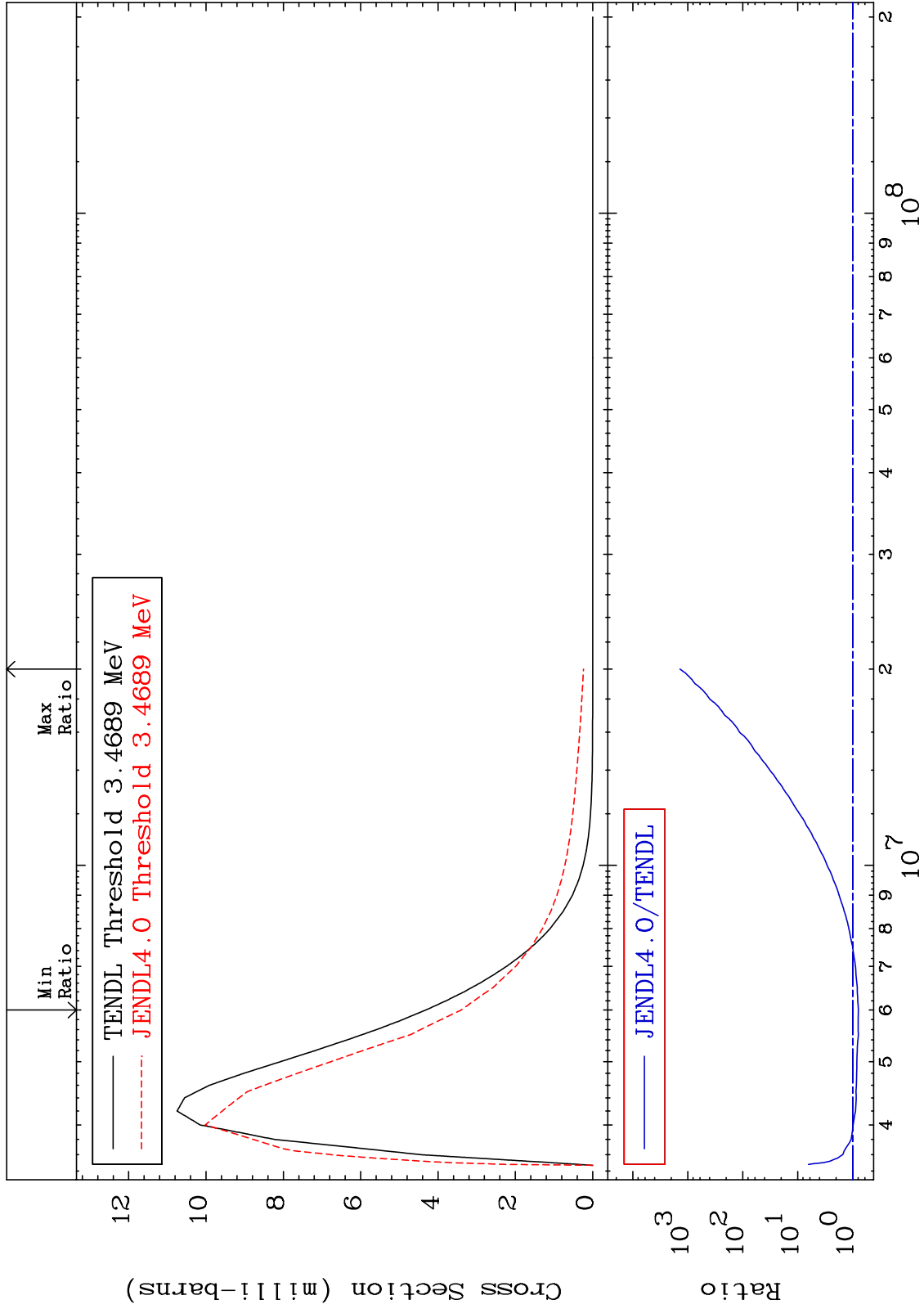
MAT 3025 MT= 74 (n,n') Level Cross Section 30-Zn-64 23.98 To 9999. %



MAT 3025

MT= 75 (n,n') Level
Cross Section

30-Zn-64
-21.19 To 9999. %



34

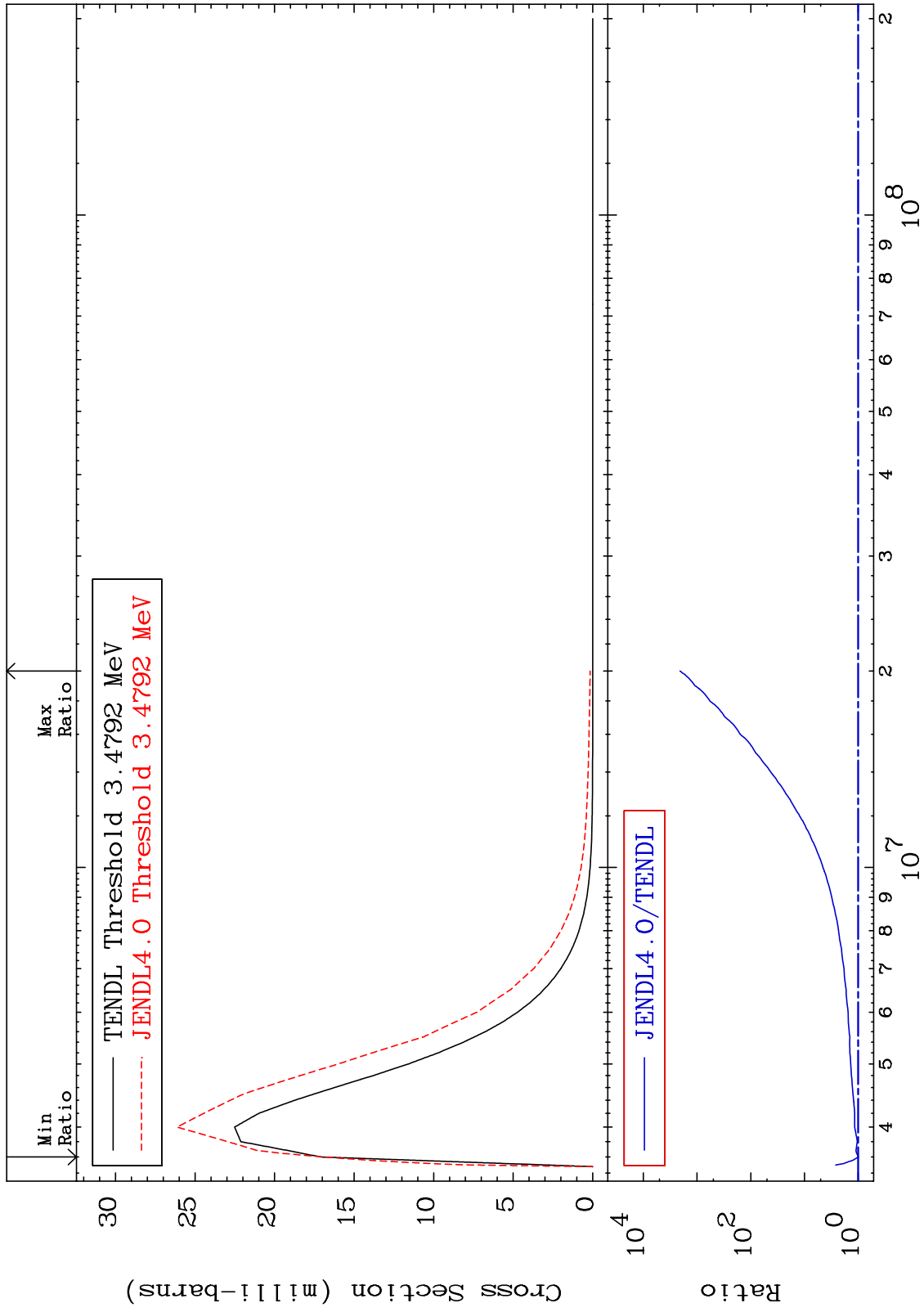
Incident Energy (eV)

30-Zn-64

MAT 3025

MT= 76 (n,n') Level
Cross Section

30-Zn-64
-0.960 To 9999. %



35

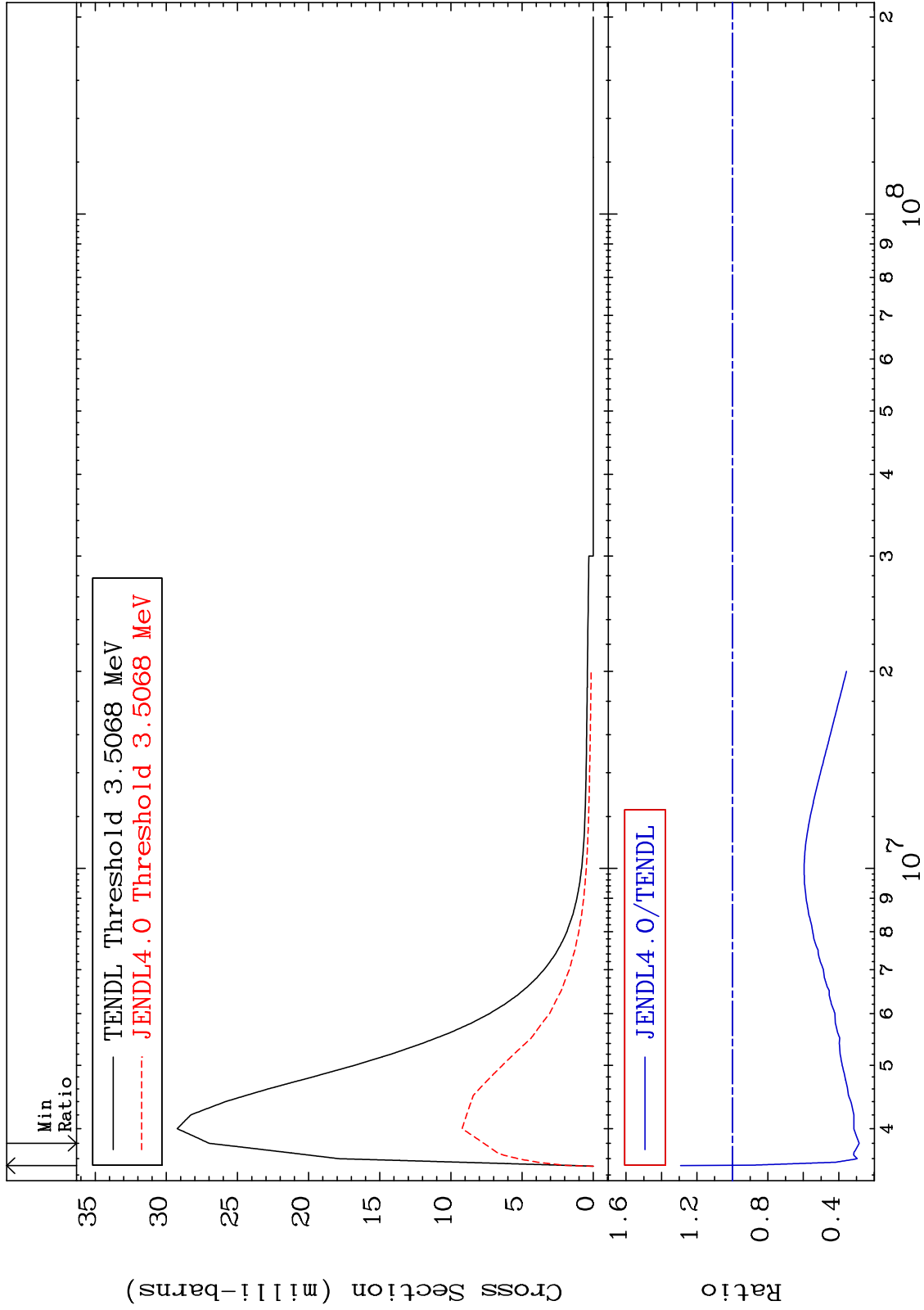
Incident Energy (eV)

30-Zn-64

MAT 3025

MT= 77 (n,n') Level
Cross Section

30-Zn-64
-71.52 To 29.23 %

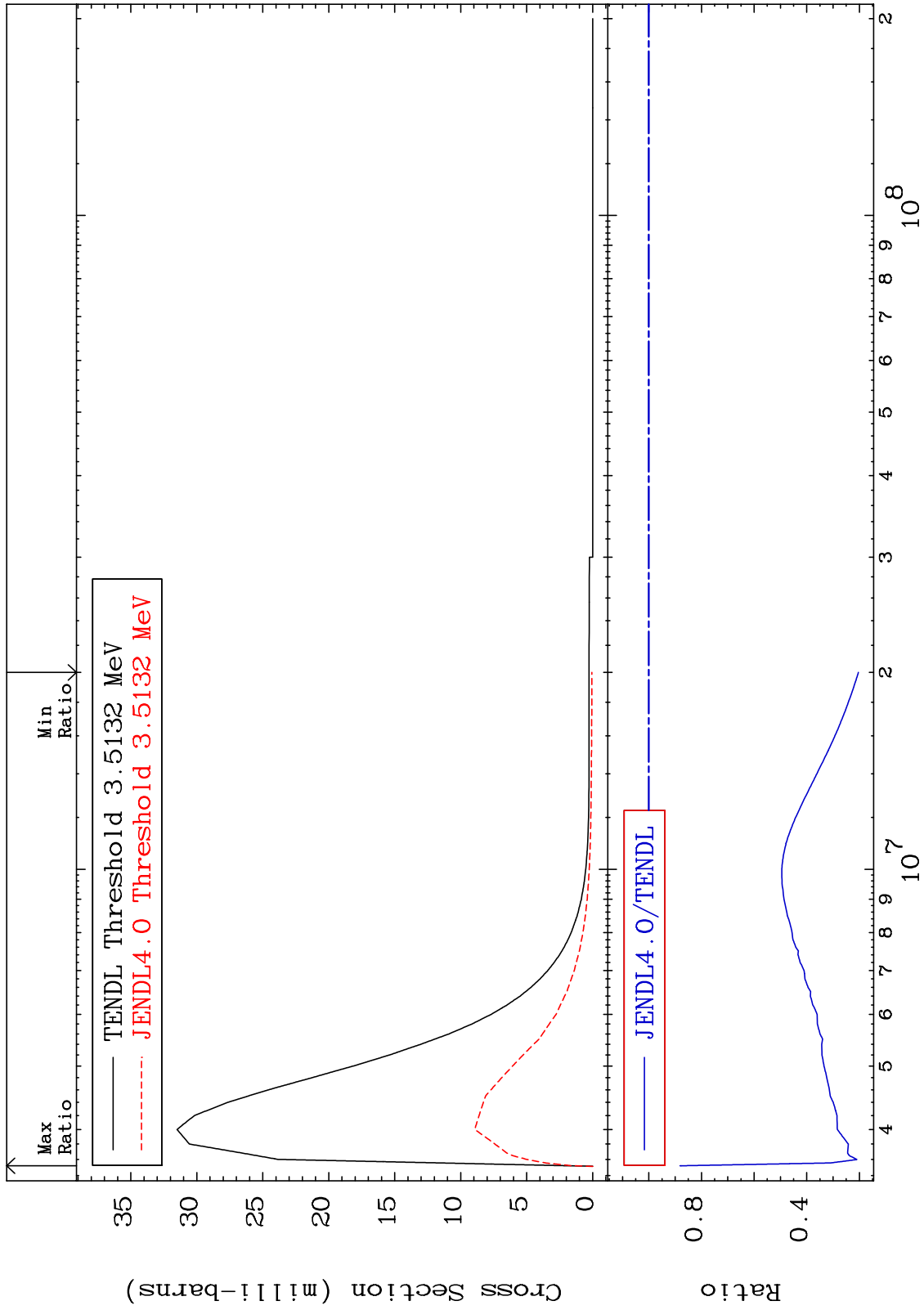


36

Incident Energy (eV)

30-Zn-64

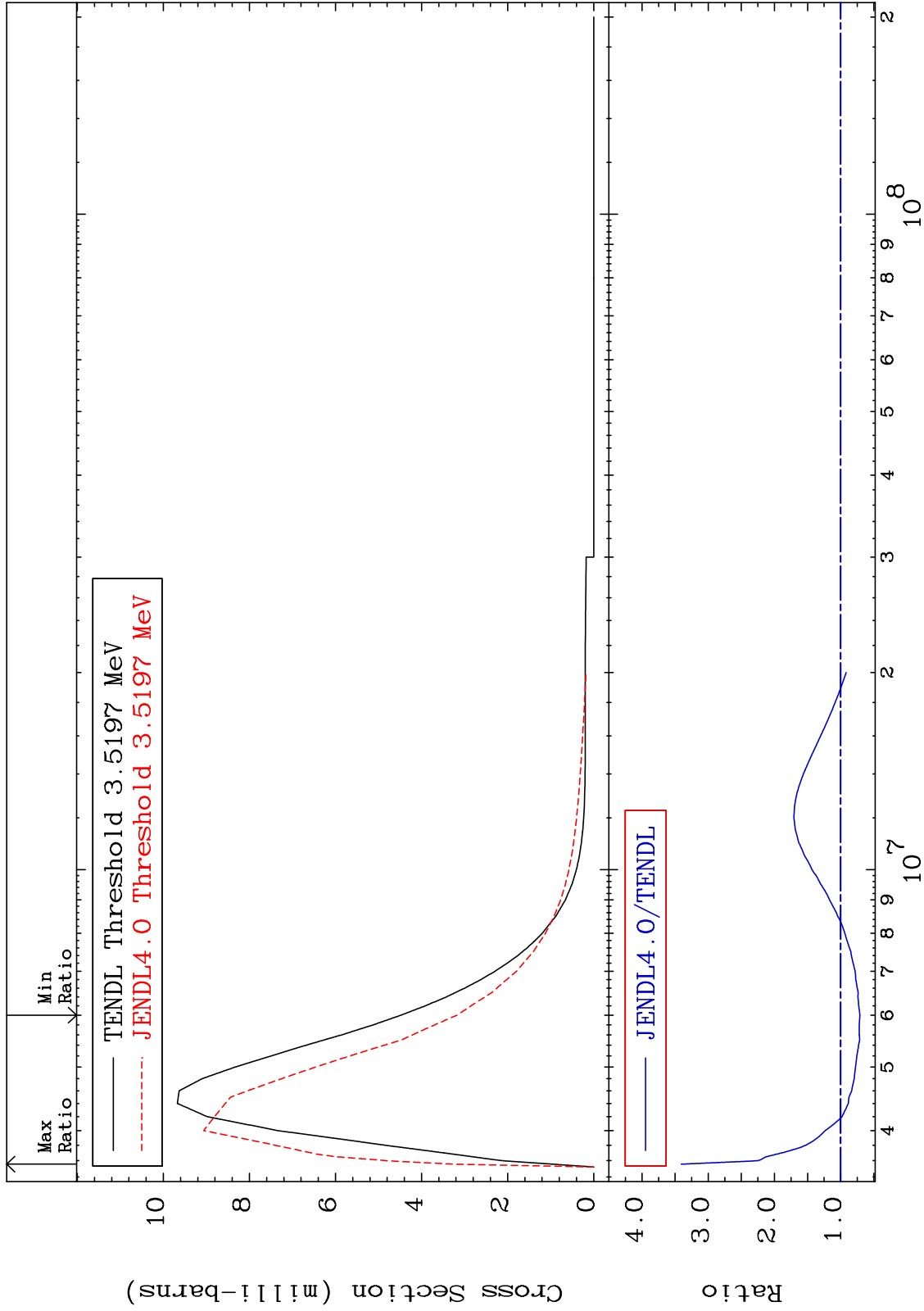
MAT 3025 MT= 78 (n,n') Level Cross Section 30-Zn-64 -79.63 To -11.86%



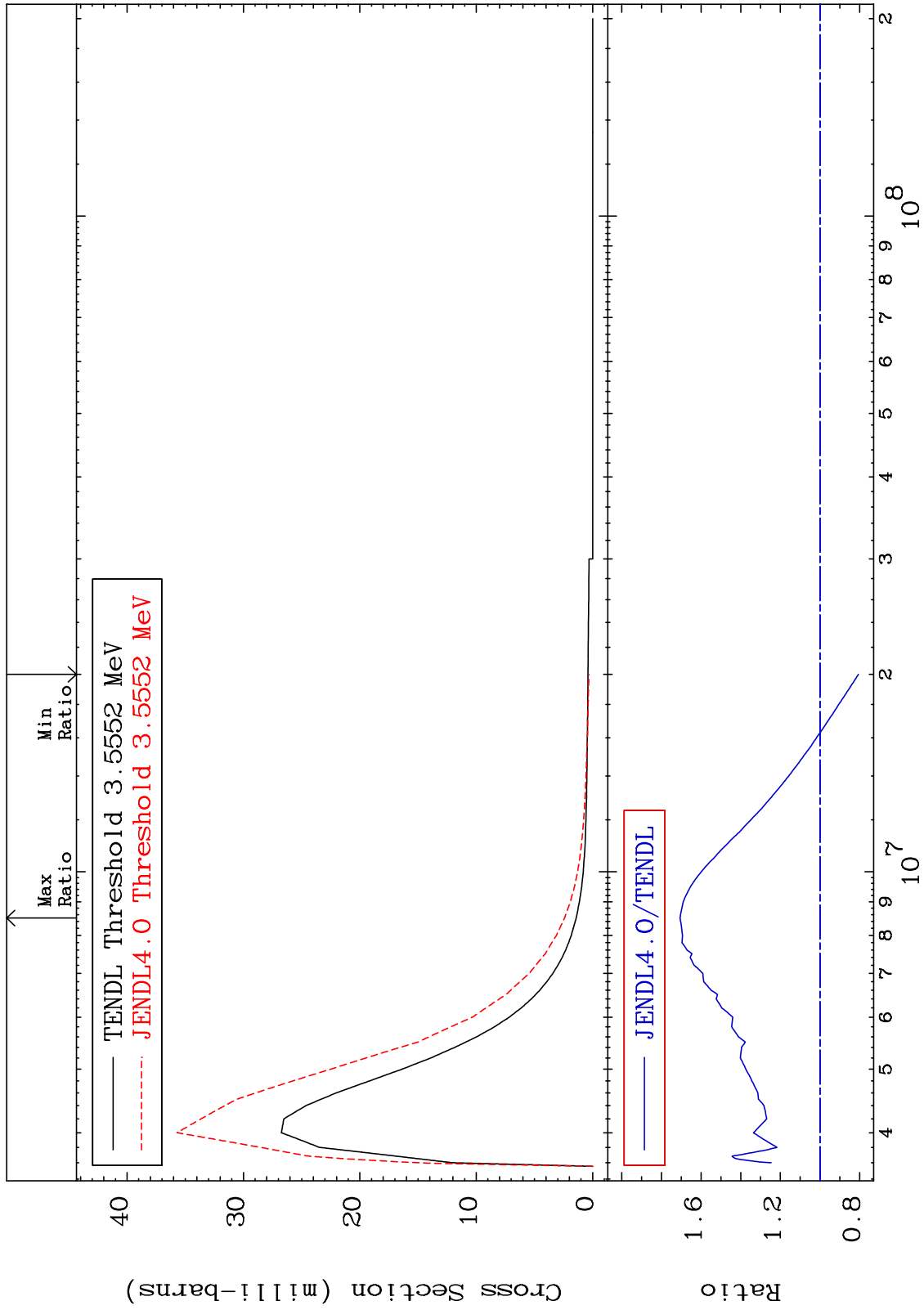
MAT 3025

MT= 79 (n,n') Level
Cross Section

30-Zn-64
-29.04 To 240.8 %



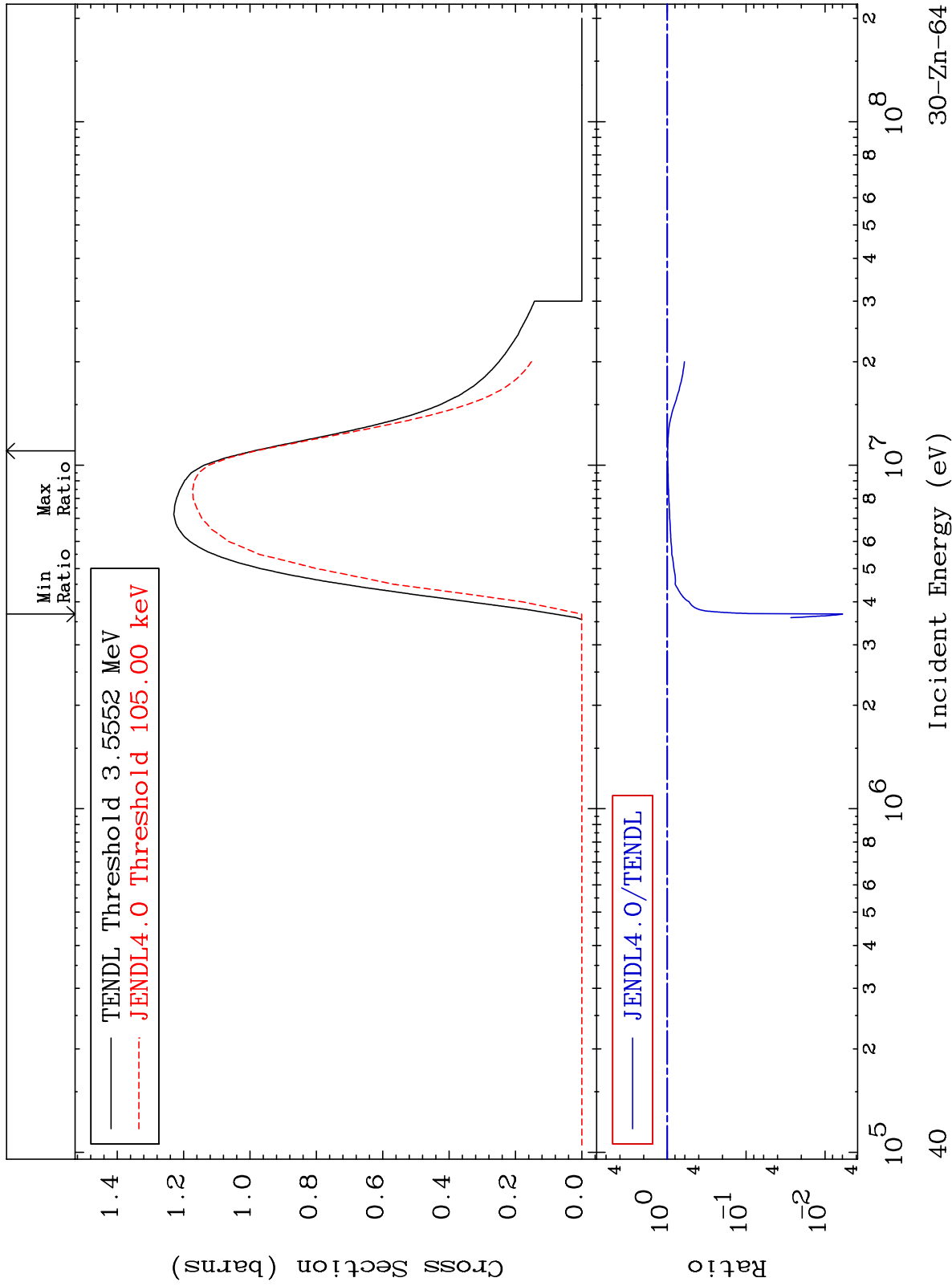
MAT 3025 MT= 80 (n,n') Level
 Cross Section 30-Zn-64
 -19.40 To 70.62 %



MAT 3025

(n, n') Continuum
Cross Section

30-Zn-64
-99.40 To -0.599%



30-Zn-64

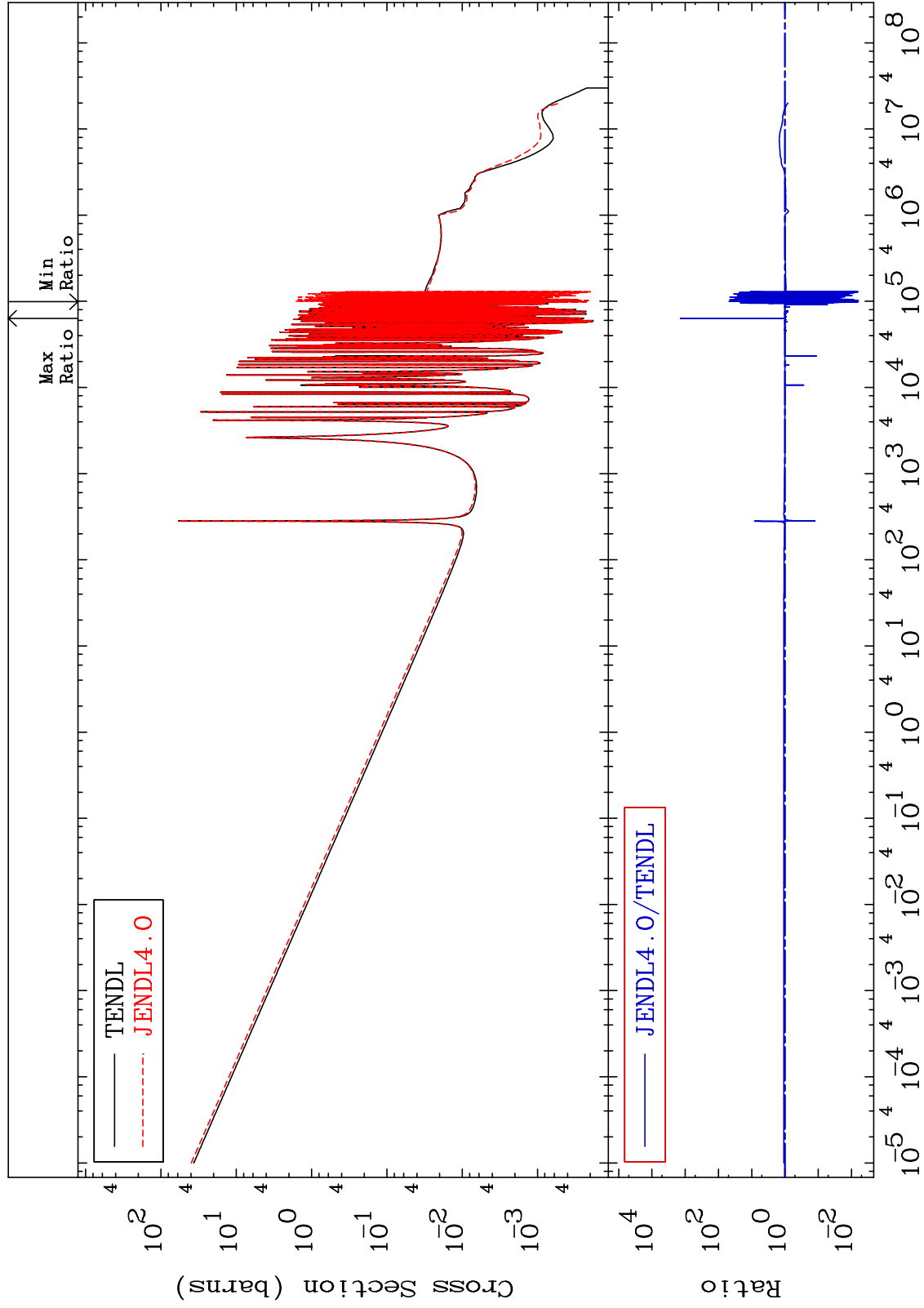
Incident Energy (eV)

40

MAT 3025

(n, γ)
Cross Section

30-Zn-64
-99.39 To 9999. %



41

Incident Energy (eV)

30-Zn-64

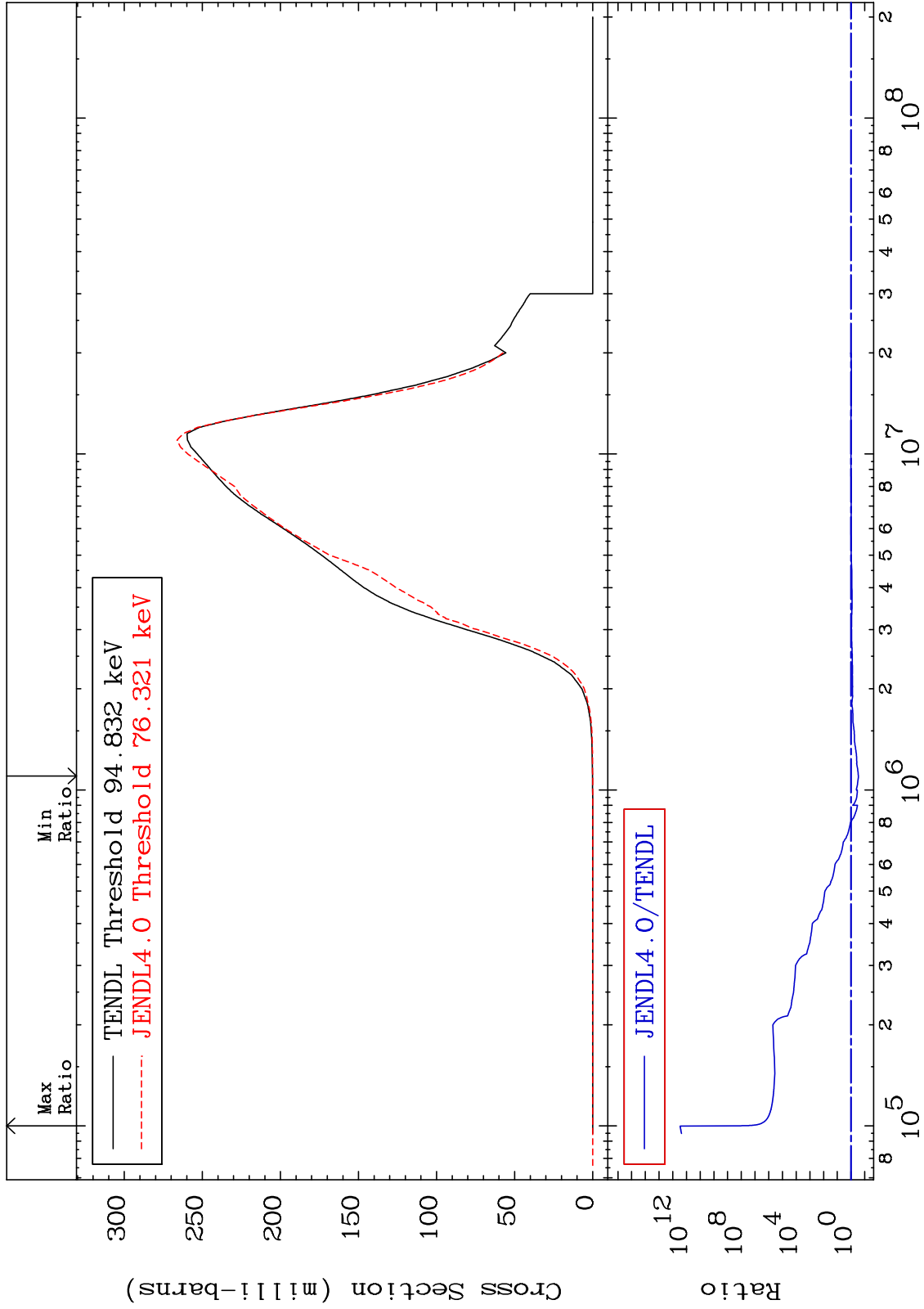
MAT 3025

(n,p)

30-Zn-64

Cross Section

-71.15 To 9999. %



42

Incident Energy (eV)

30-Zn-64

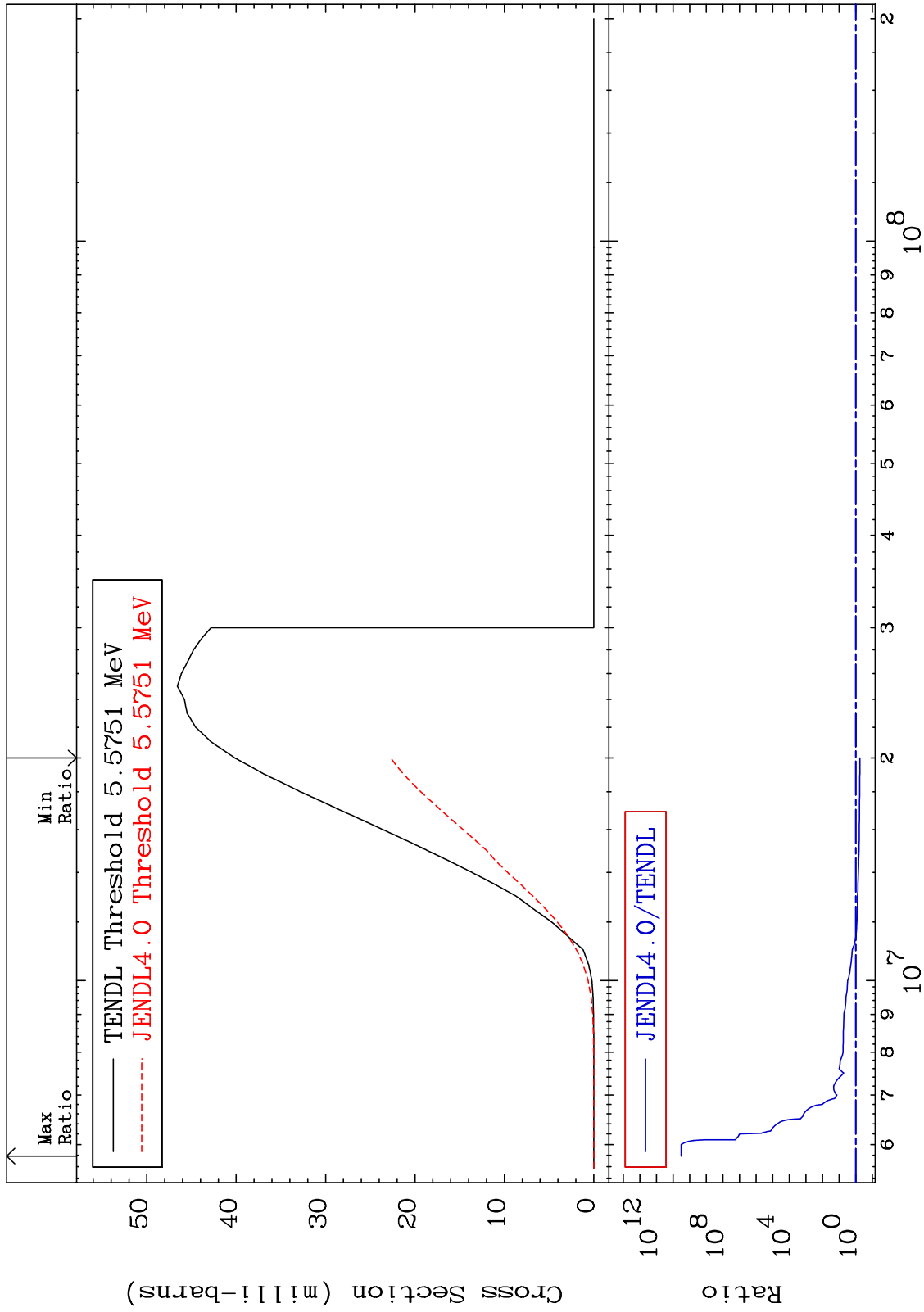
MAT 3025

(n,d)

30-Zn-64

Cross Section

-43.43 To 9999. %



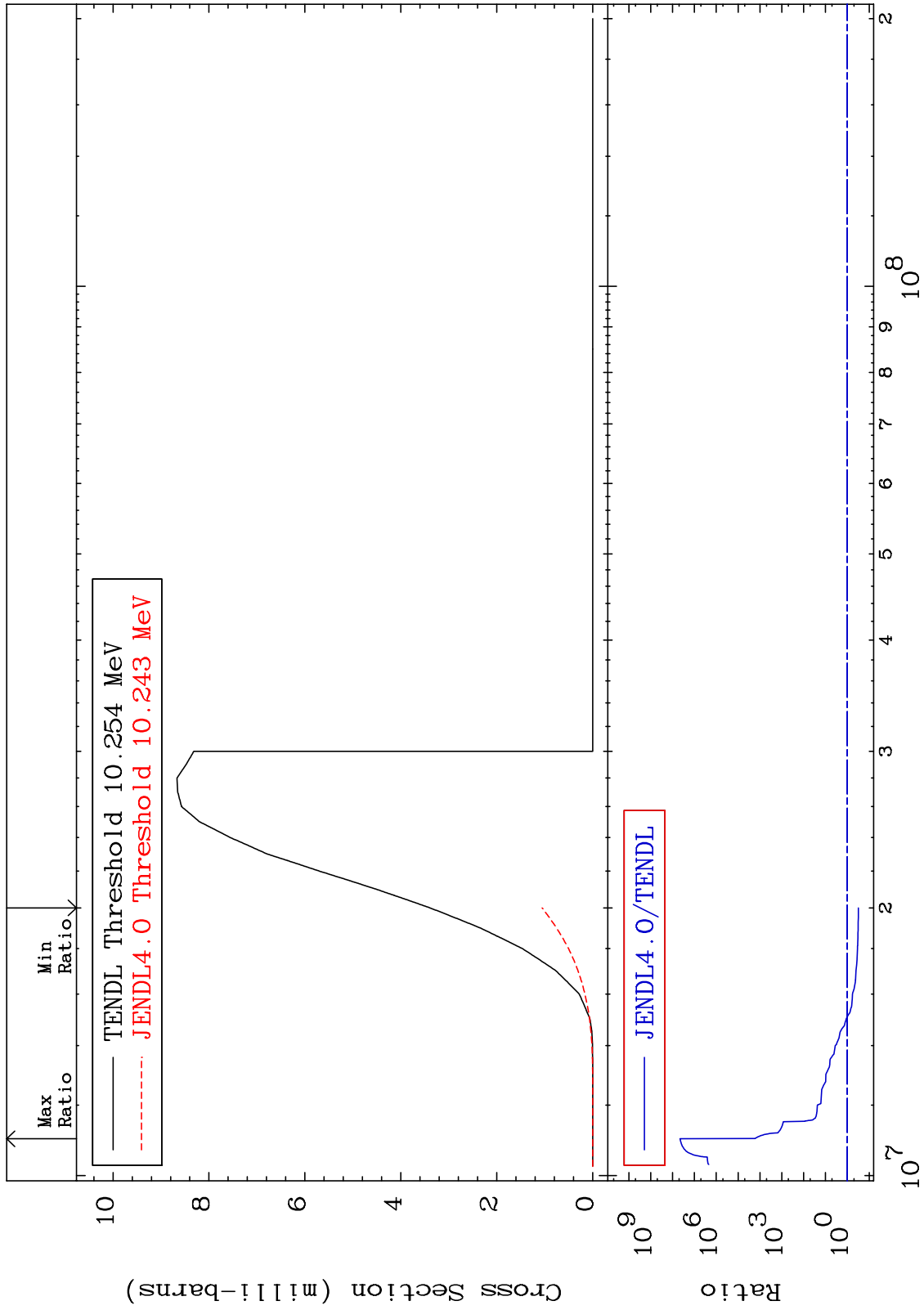
MAT 3025

(n, t)

30-Zn-64

Cross Section

-68.94 To 9999. %



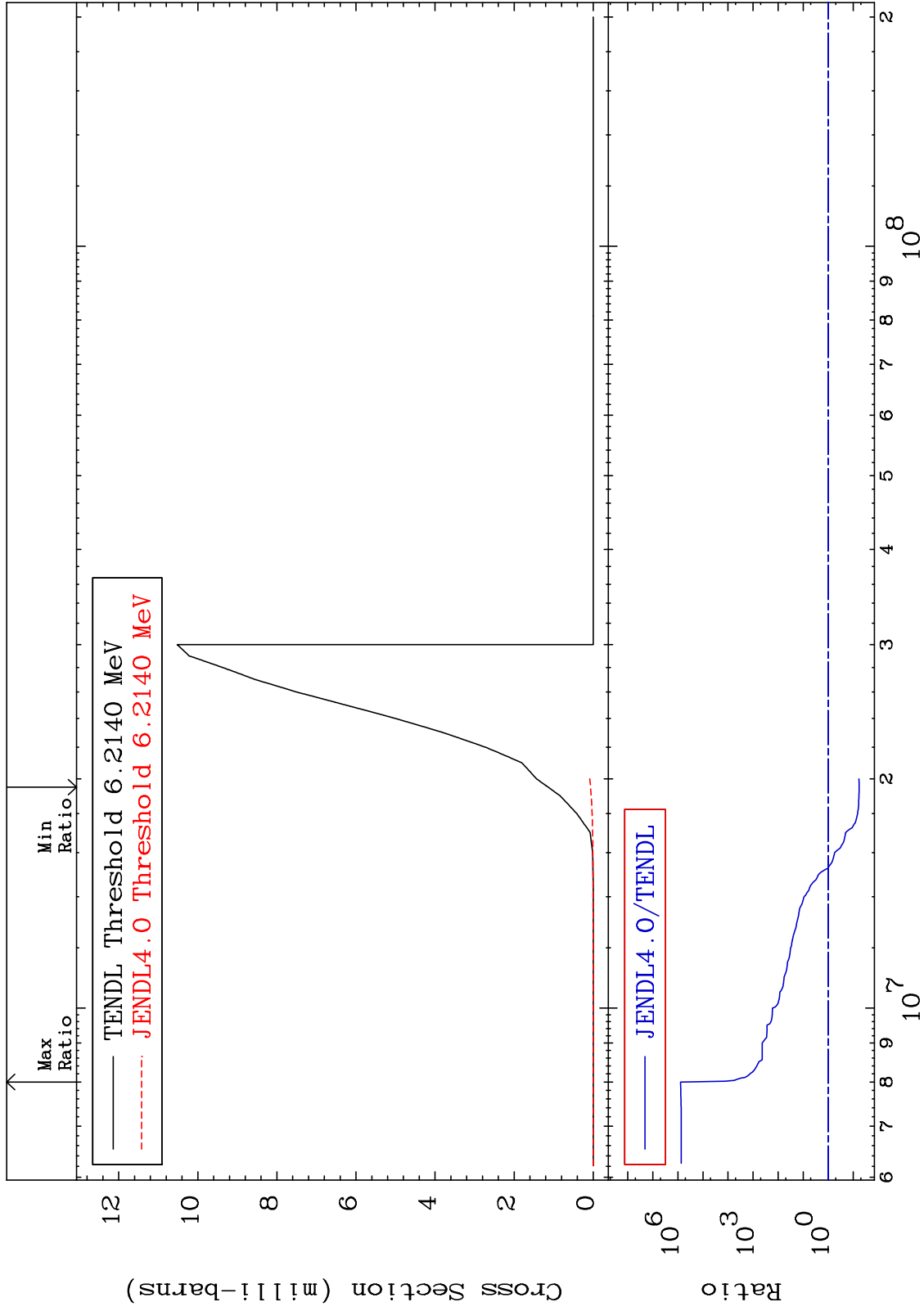
MAT 3025

(n, He-3)

30-Zn-64

Cross Section

-94.18 To 9999. %



45

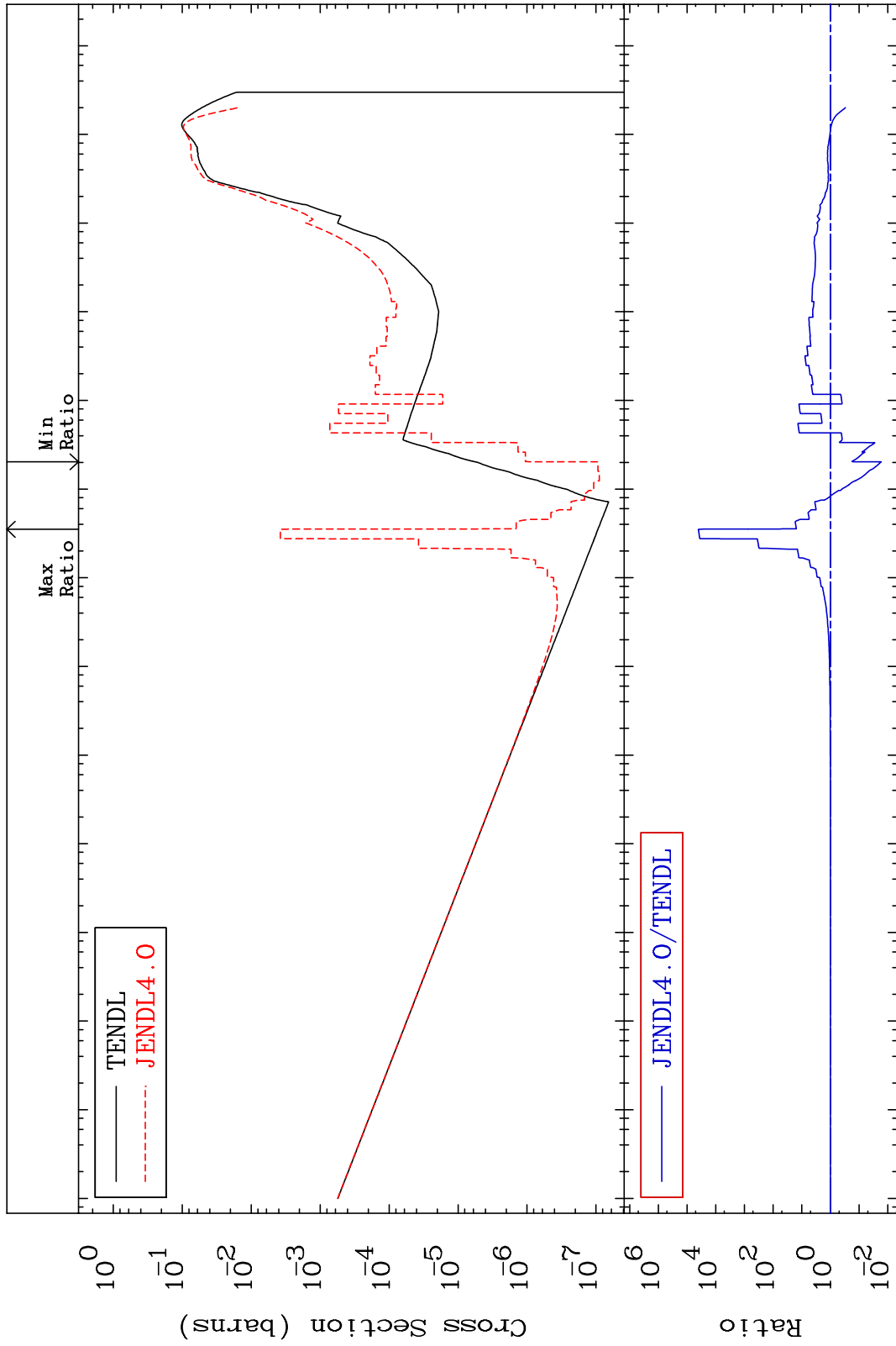
Incident Energy (eV)

30-Zn-64

MAT 3025

(n, α)
Cross Section

30-Zn-64
-98.35 To 9999. %



30-Zn-64

Incident Energy (eV)

46

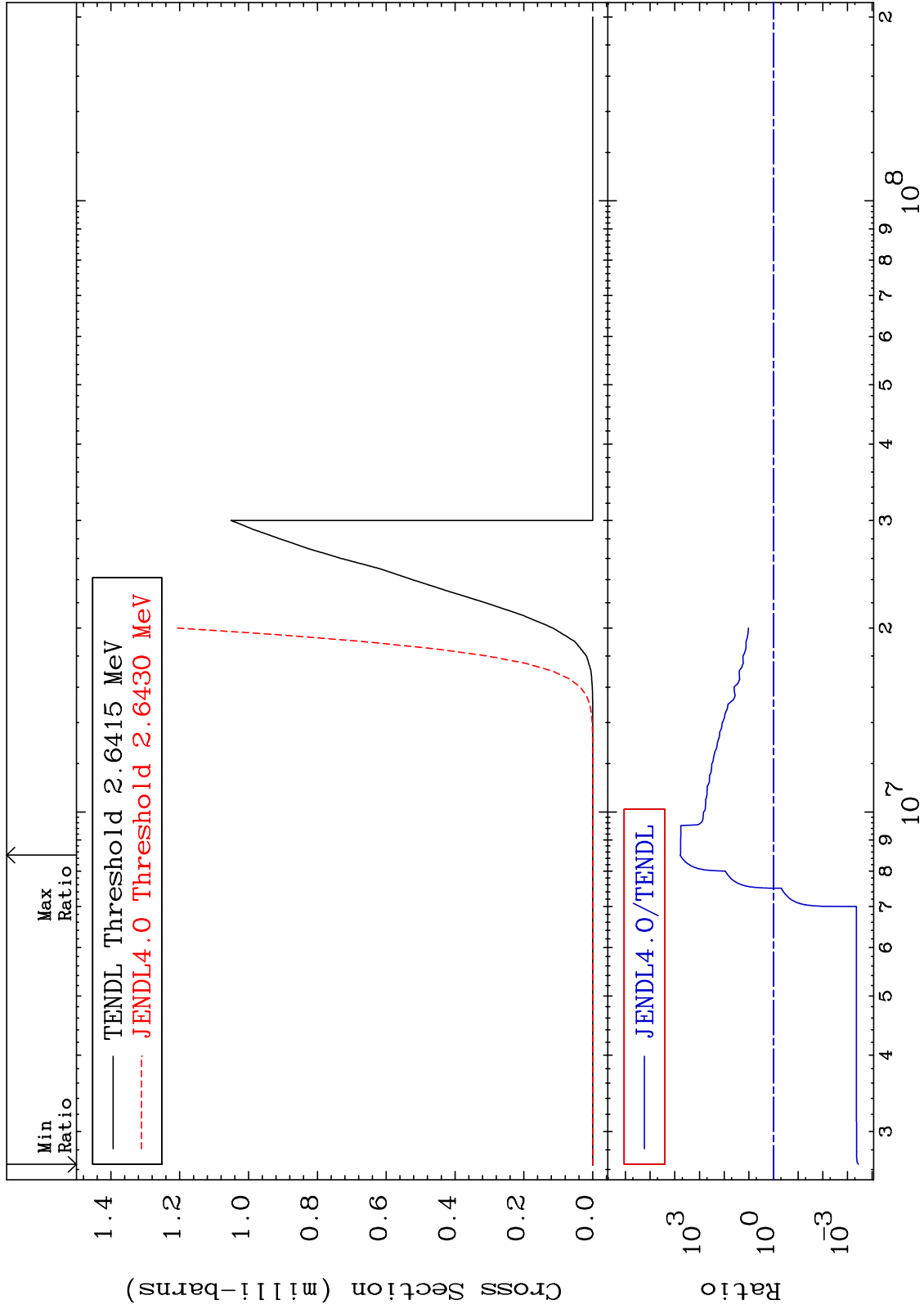
MAT 3025

(n,2α)

30-Zn-64

Cross Section

-99.96 To 9999. %



30-Zn-64

Incident Energy (eV)

47

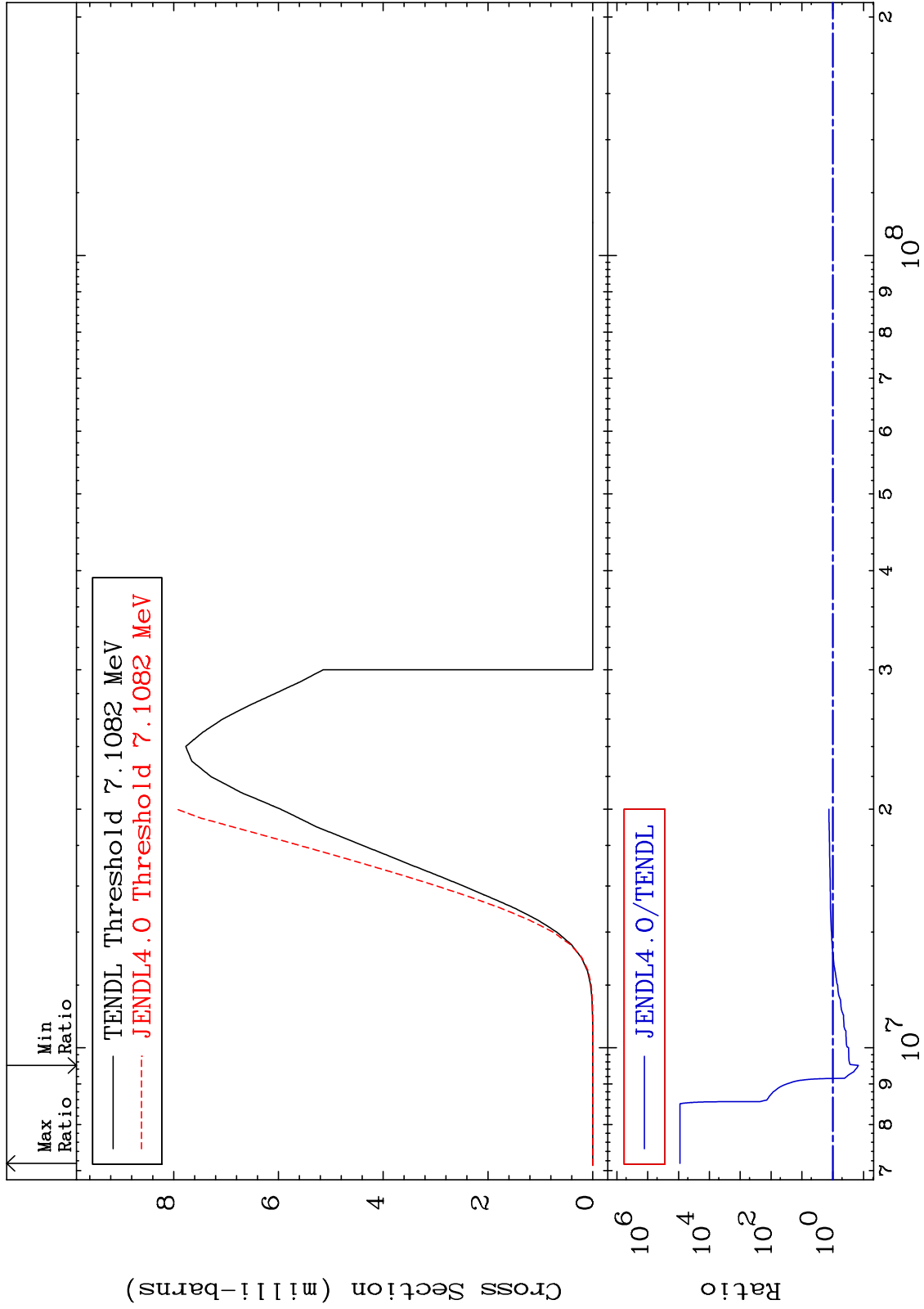
MAT 3025

(n,2p)

30-Zn-64

Cross Section

-85.28 To 9999. %



30-Zn-64

Incident Energy (eV)

48

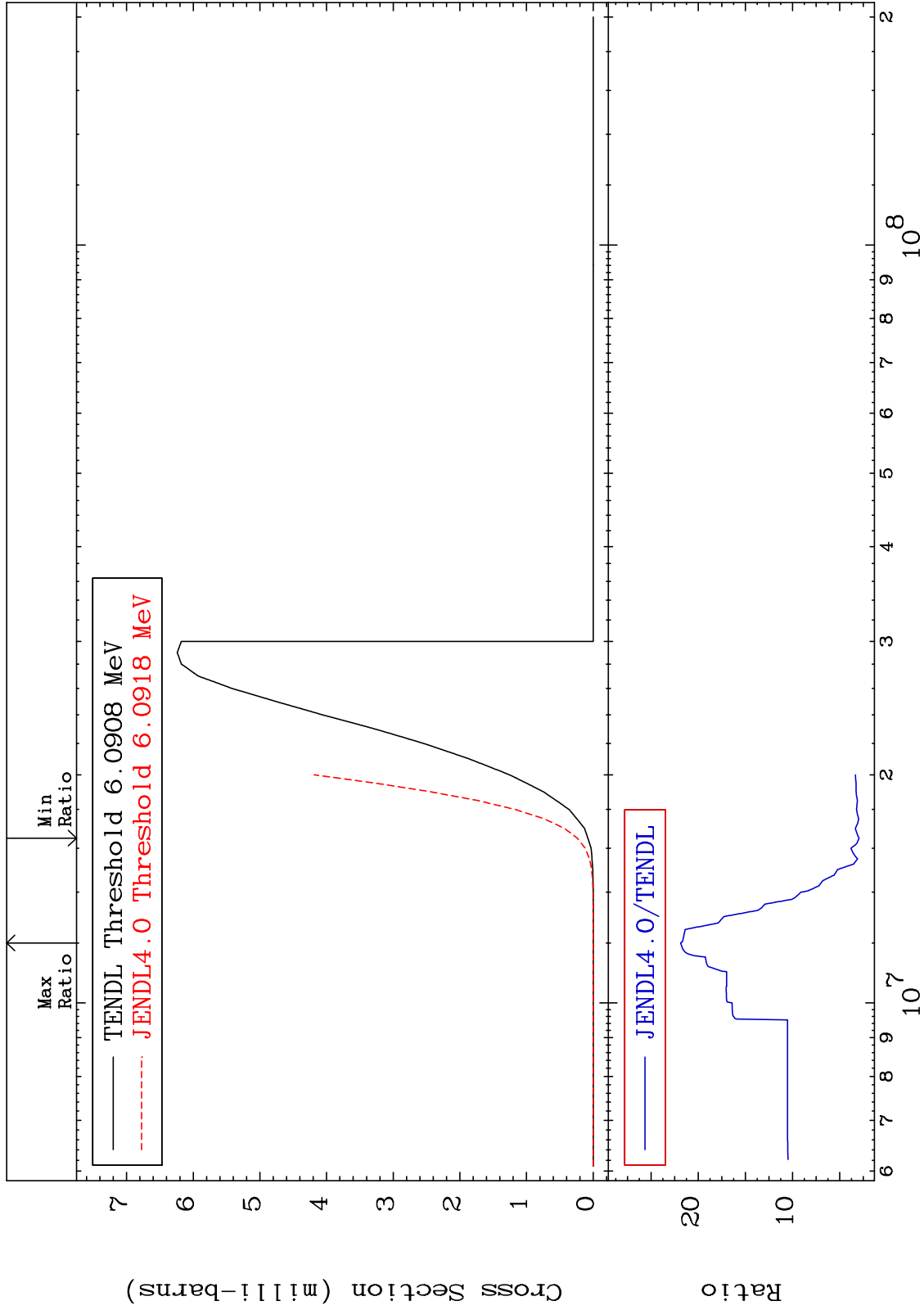
MAT 3025

(n,p) α

30-Zn-64

193.5 To 2086. %

Cross Section



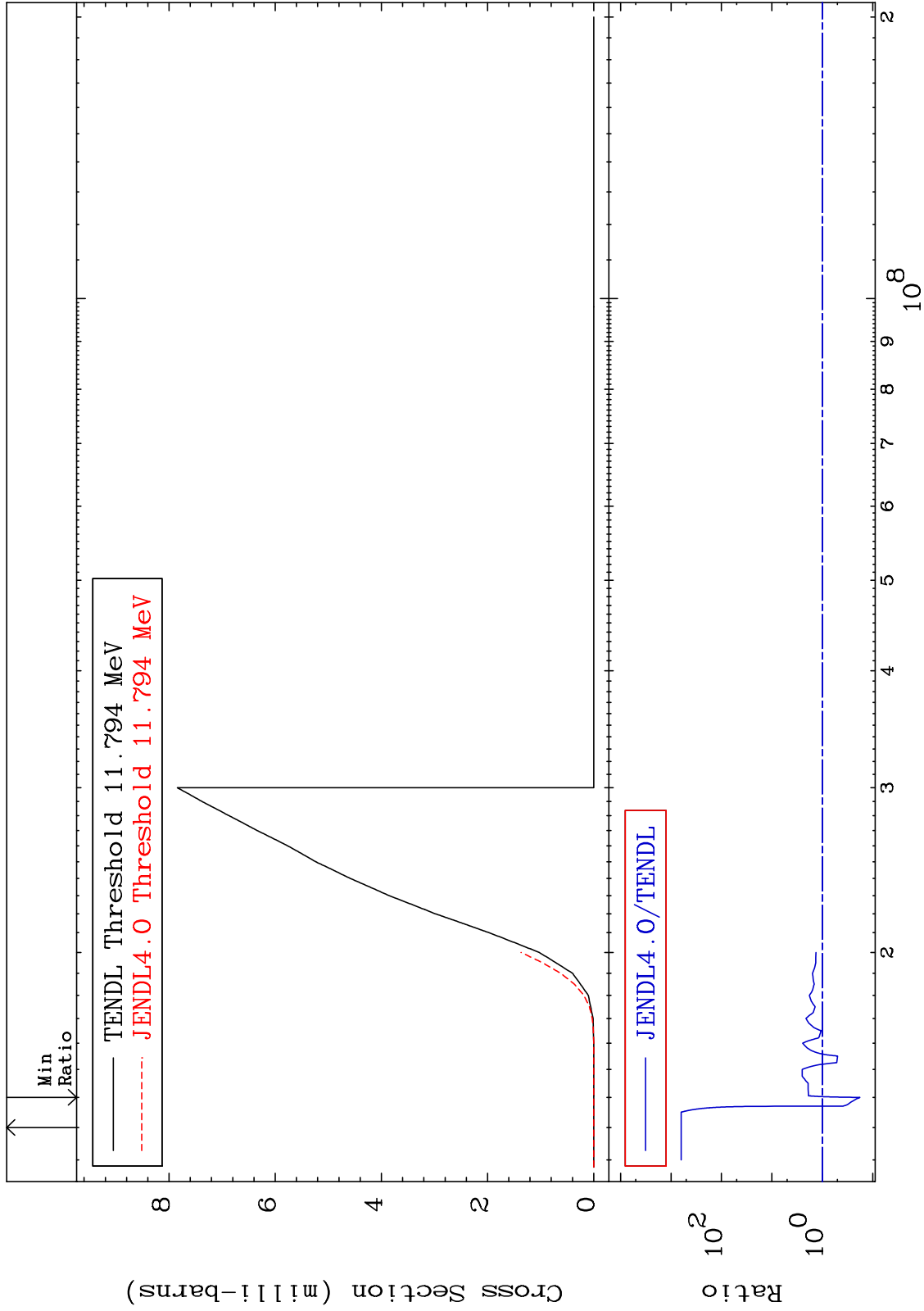
MAT 3025

(n,p) d

30-Zn-64

Cross Section

-82.06 To 9999. %



50

Incident Energy (eV)

30-Zn-64

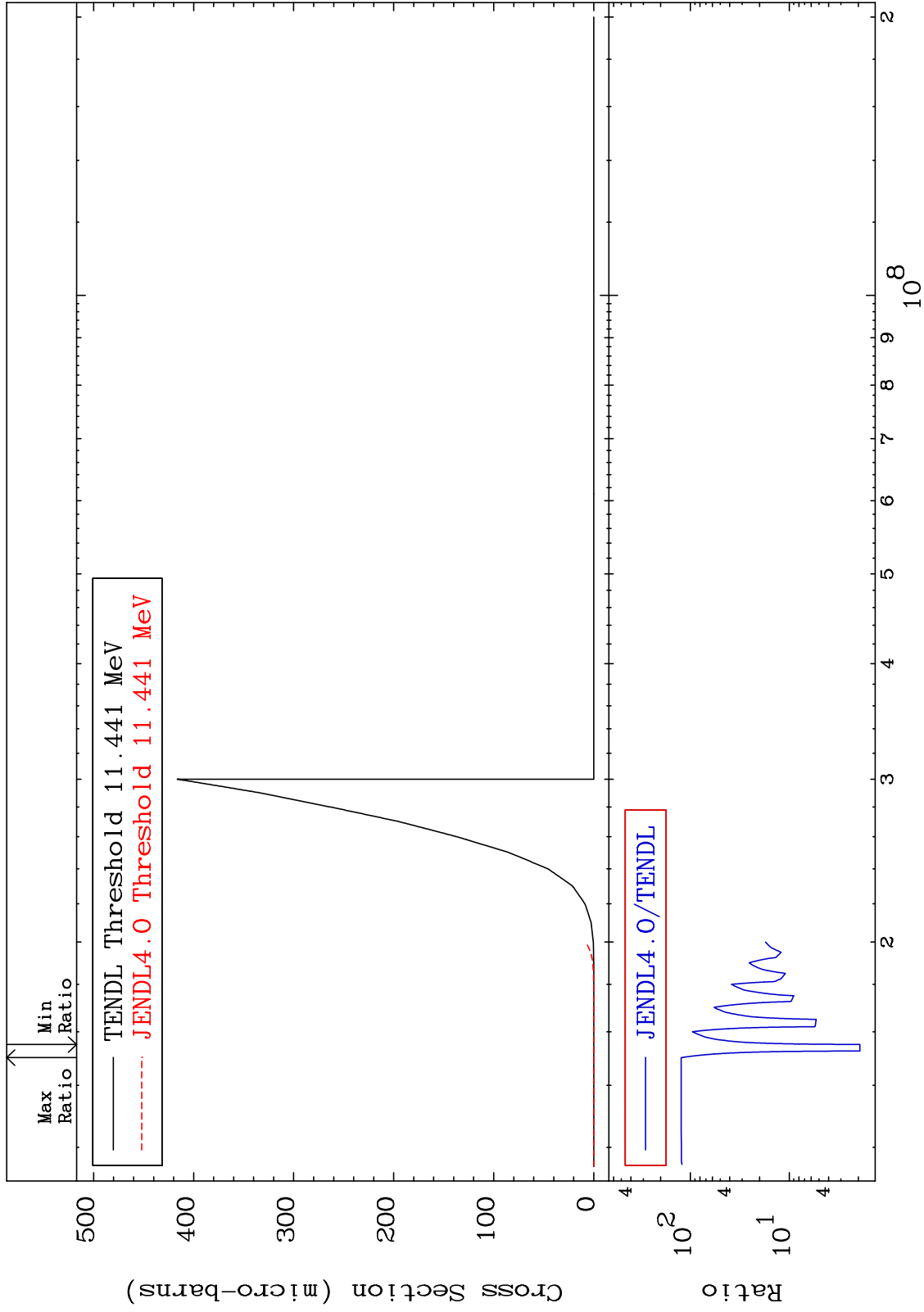
MAT 3025

(n,d) α

30-Zn-64

Cross Section

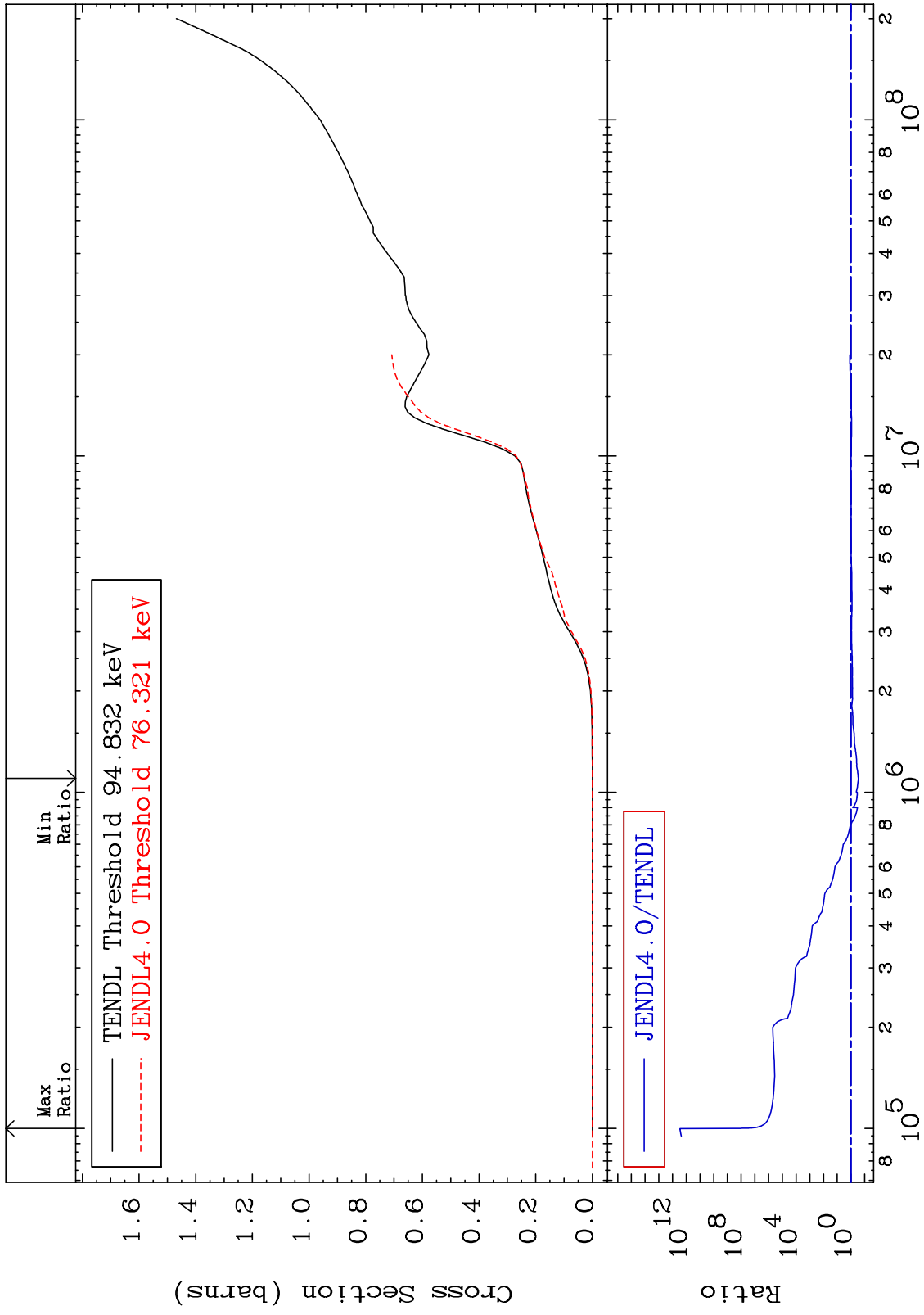
92.60 To 9999. %



MAT 3025

Hydrogen Production
Cross Section

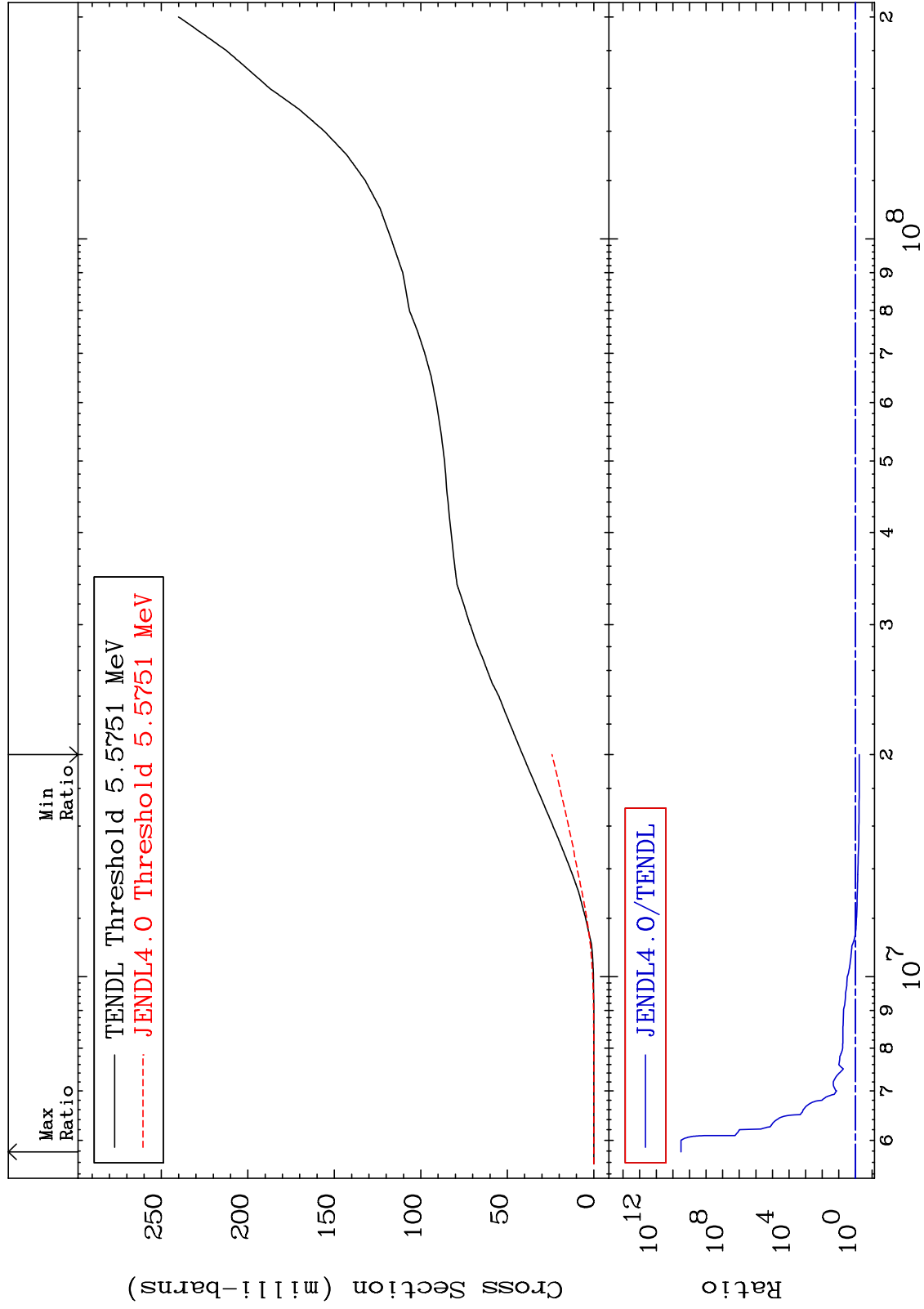
30-Zn-64
-71.15 To 9999. %



MAT 3025

Deuterium Production
Cross Section

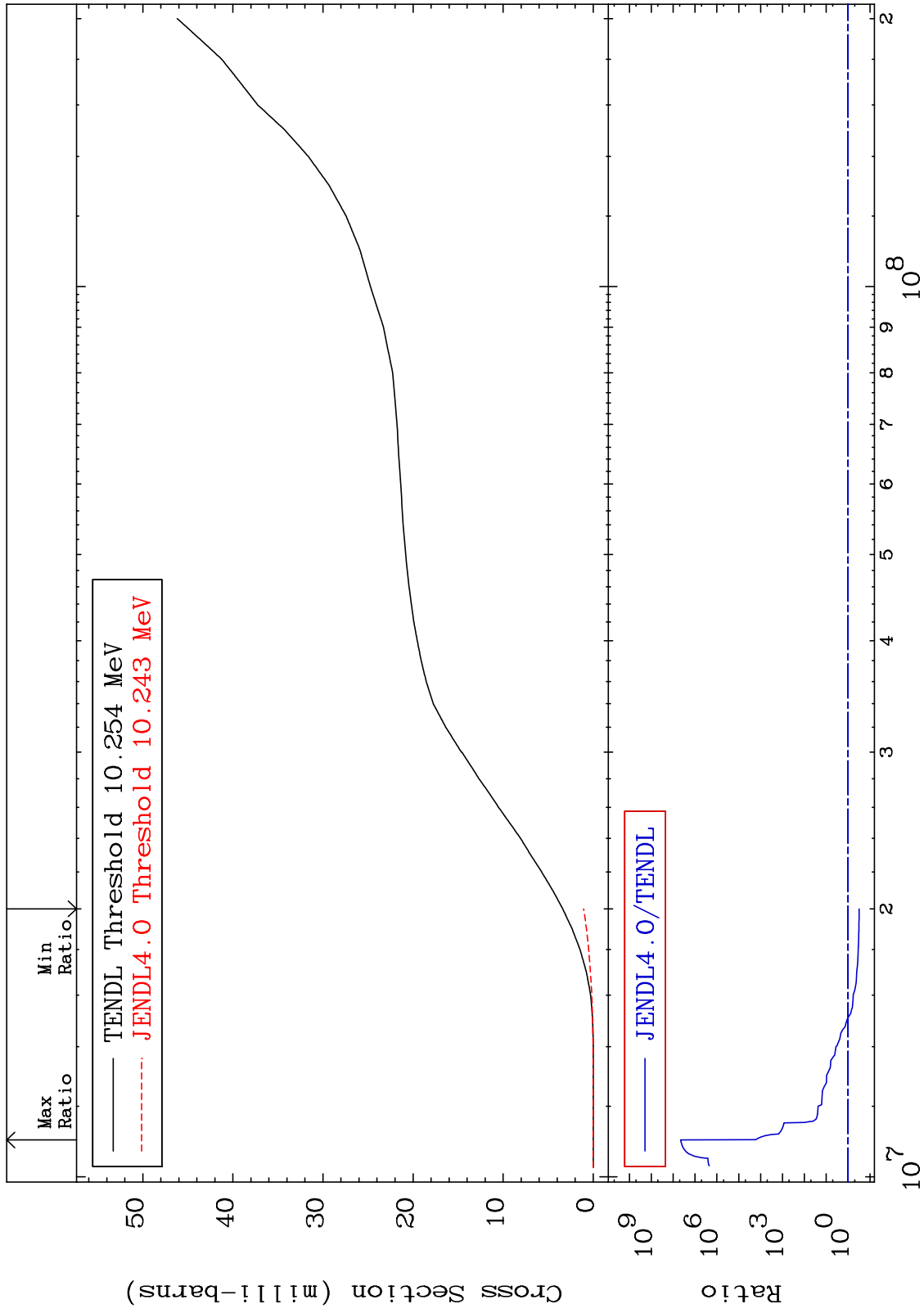
30-Zn-64
-41.36 To 9999. %



MAT 3025

Tritium Production
Cross Section

30-Zn-64
-68.94 To 9999. %



54

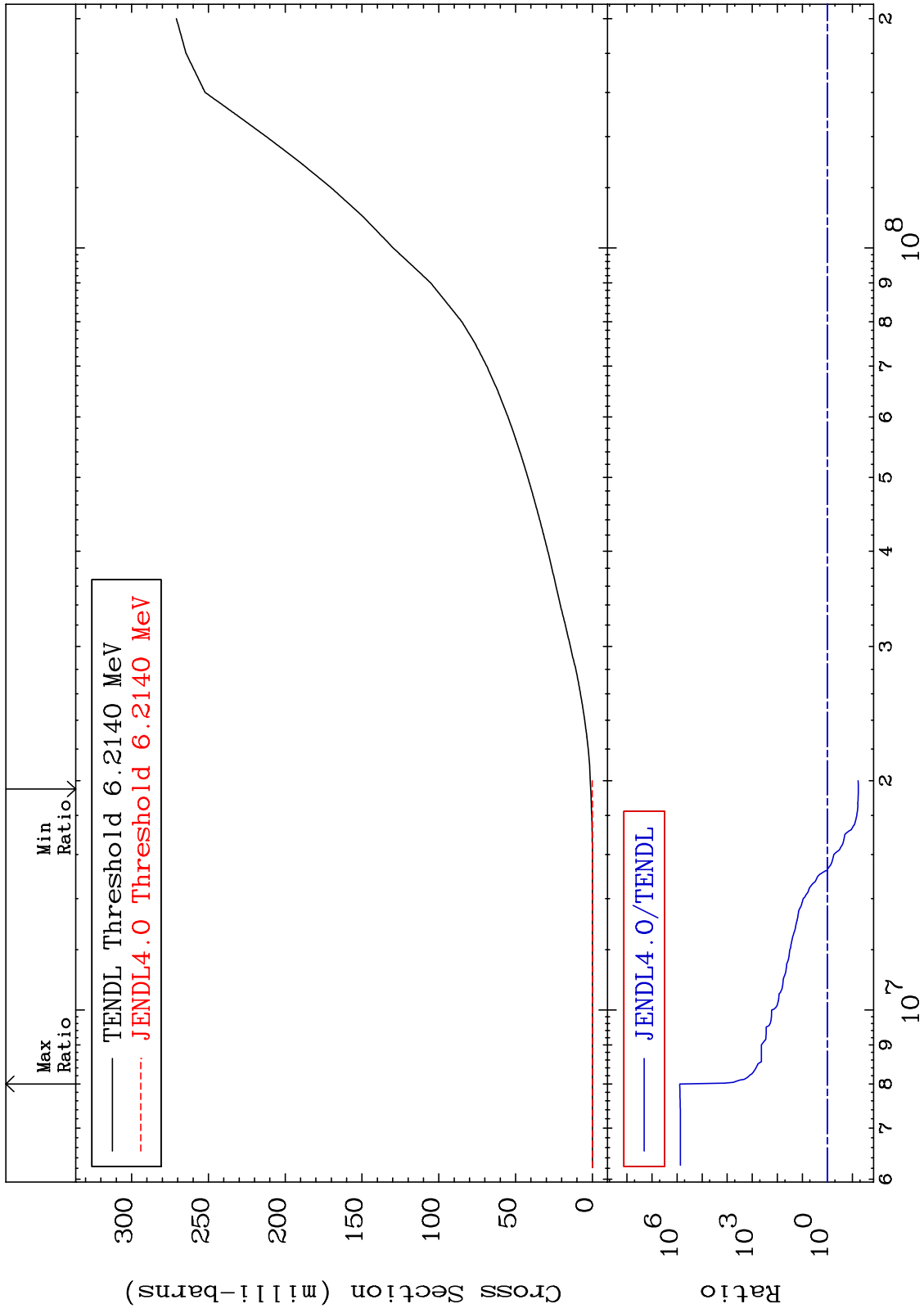
Incident Energy (eV)

30-Zn-64

MAT 3025

He-3 Production
Cross Section

30-Zn-64
-94.18 To 9999. %



55

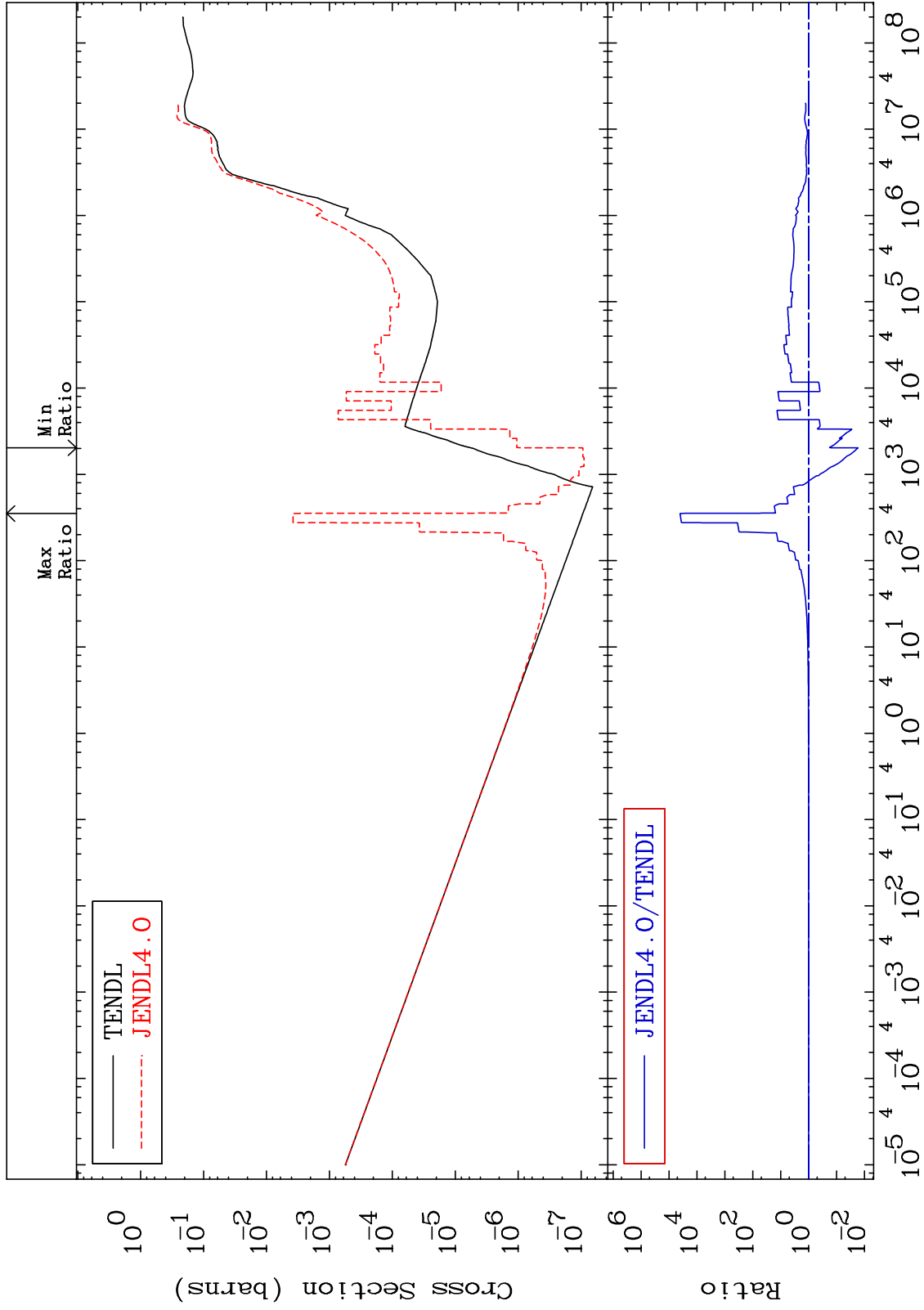
Incident Energy (eV)

30-Zn-64

MAT 3025

He-4 Production
Cross Section

30-Zn-64
-98.35 To 9999. %



56

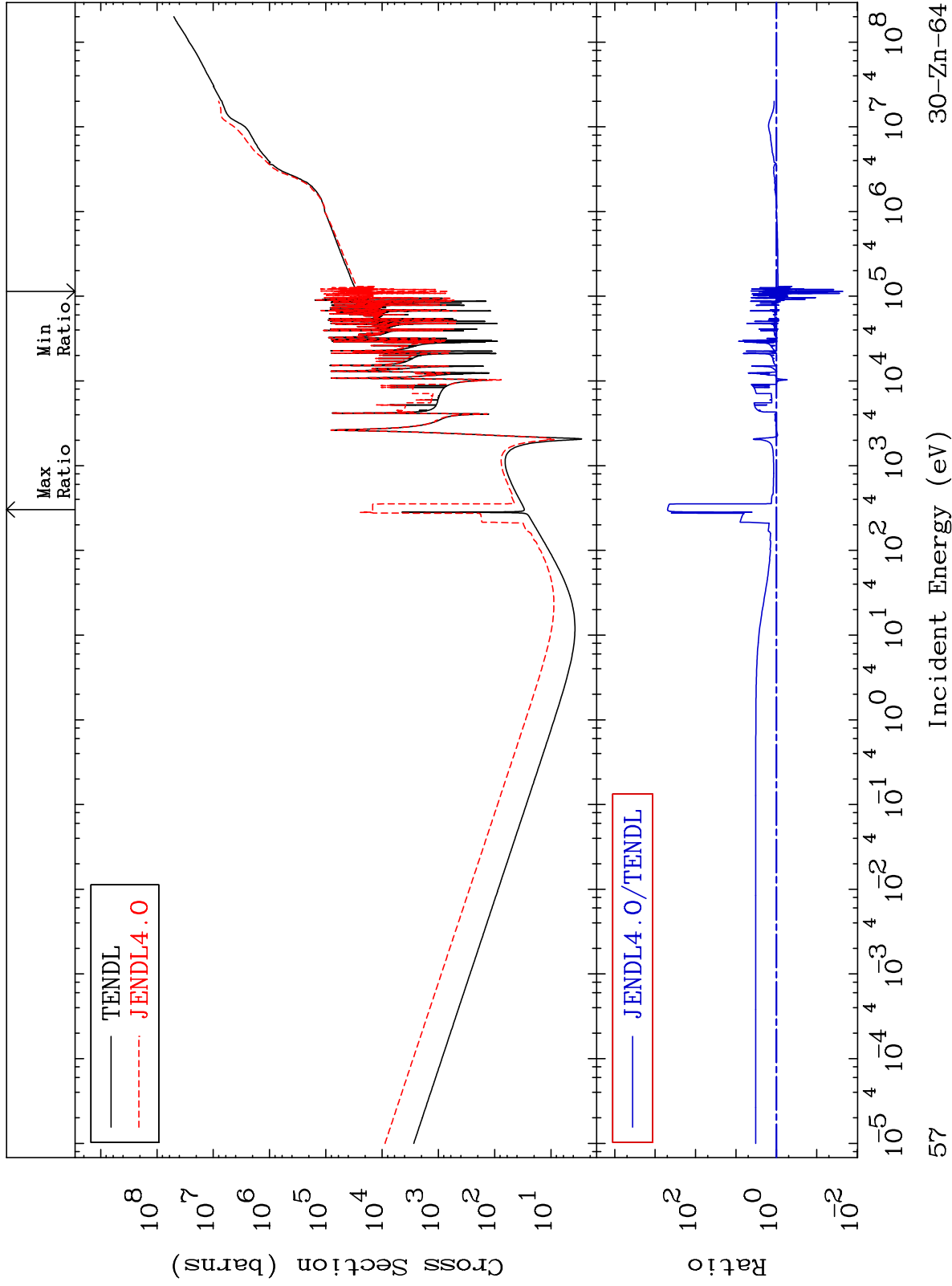
Incident Energy (eV)

30-Zn-64

MAT 3025

Kerma total (eV-barns)
Cross Section

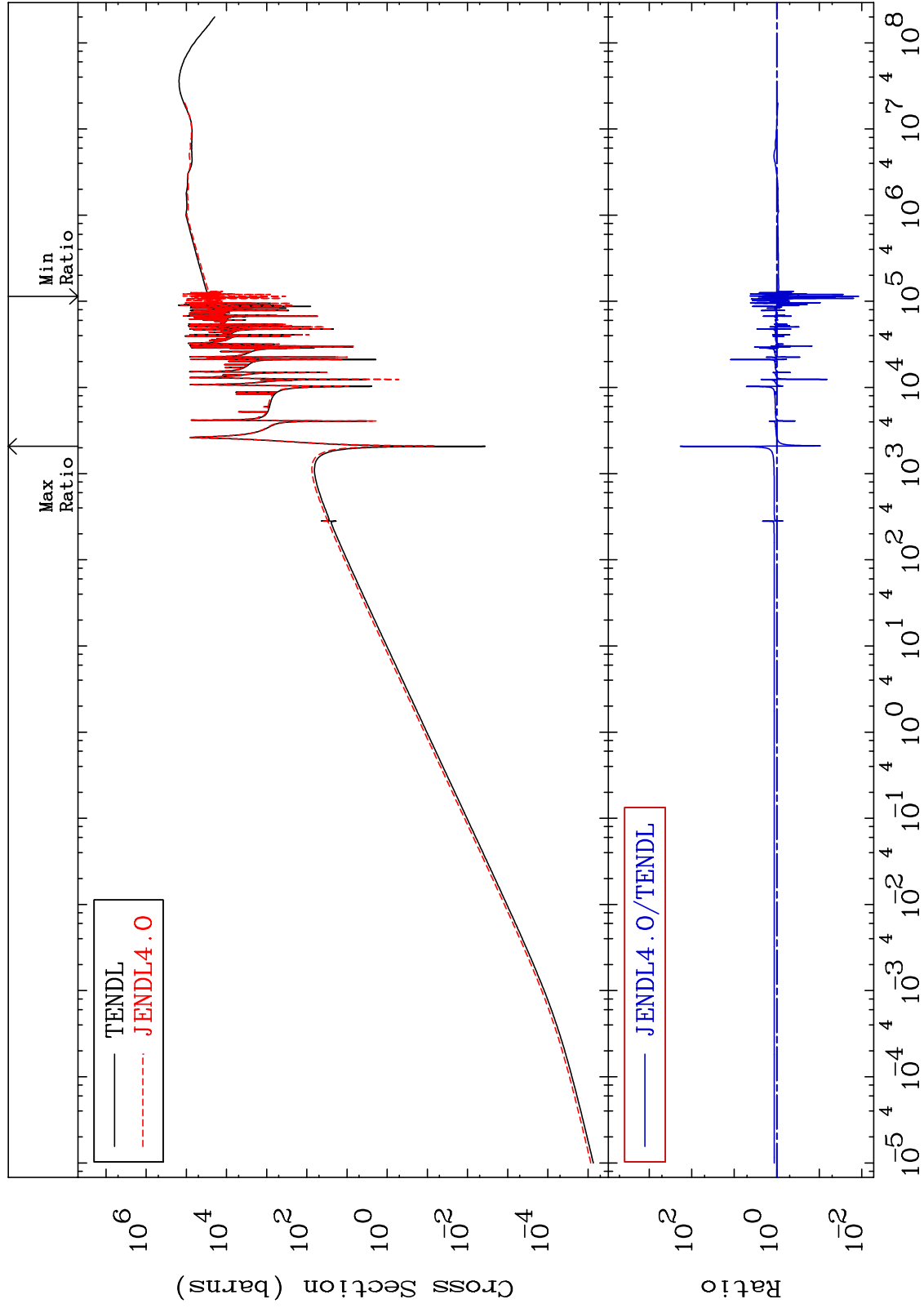
30-Zn-64
-97.71 To 9999. %



MAT 3025

Kerma elastic
Cross Section

30-Zn-64
-98.80 To 9999. %



58

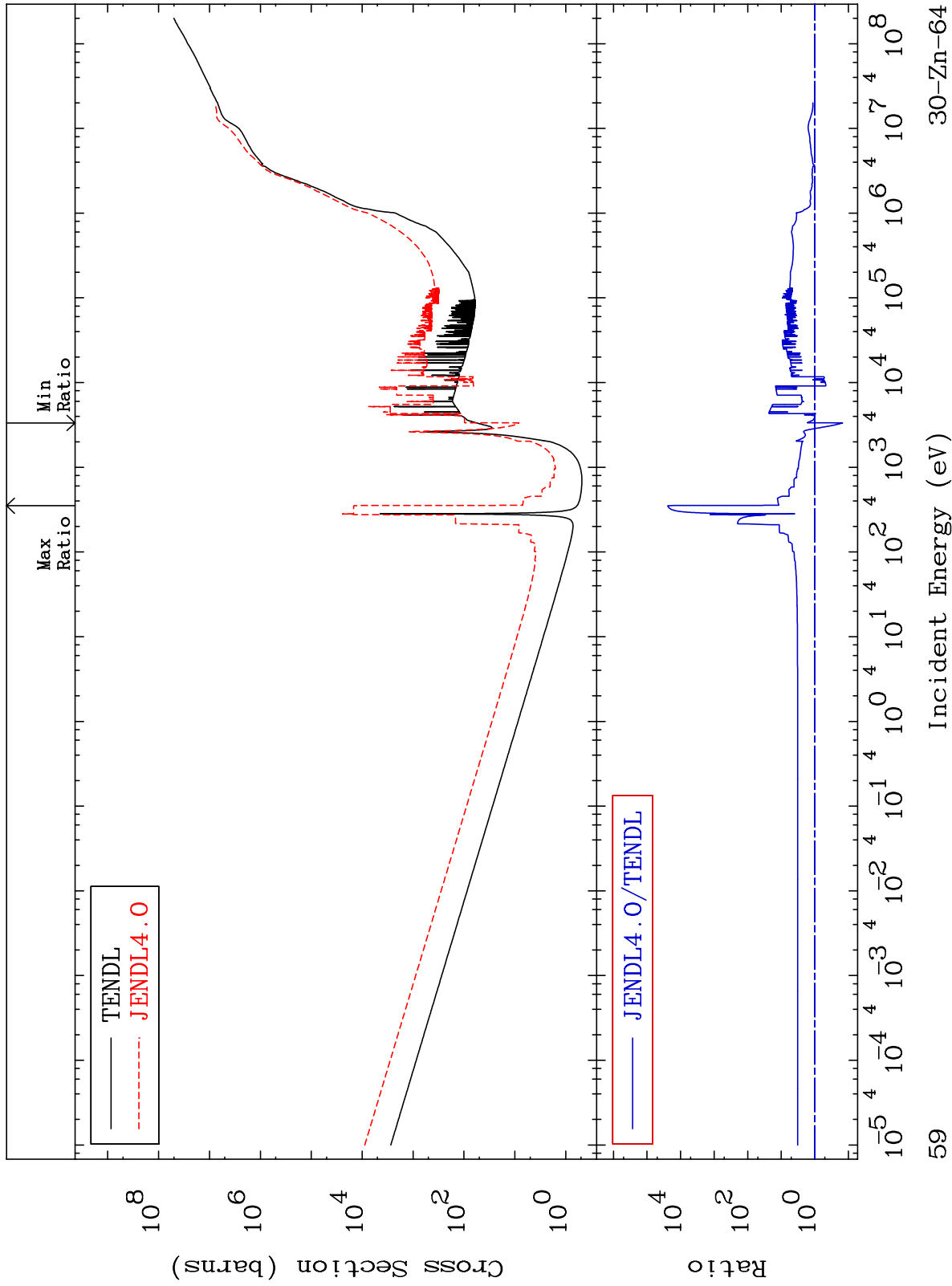
Incident Energy (eV)

30-Zn-64

MAT 3025

Kerma non-elastic (all but mt2)
Cross Section

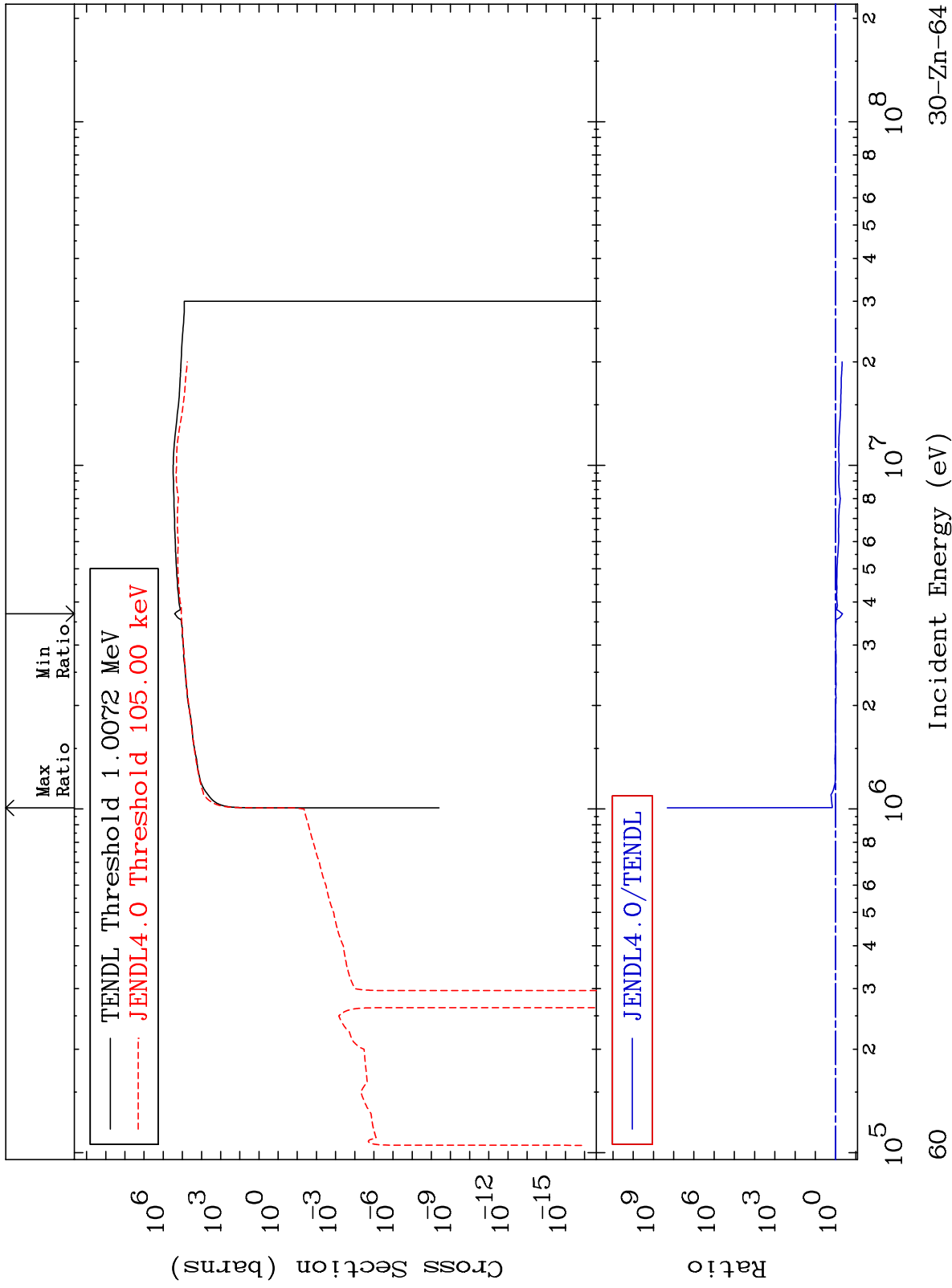
30-Zn-64
-85.23 To 9999. %



MAT 3025

Kerma inelastic (mt51-91)
Cross Section

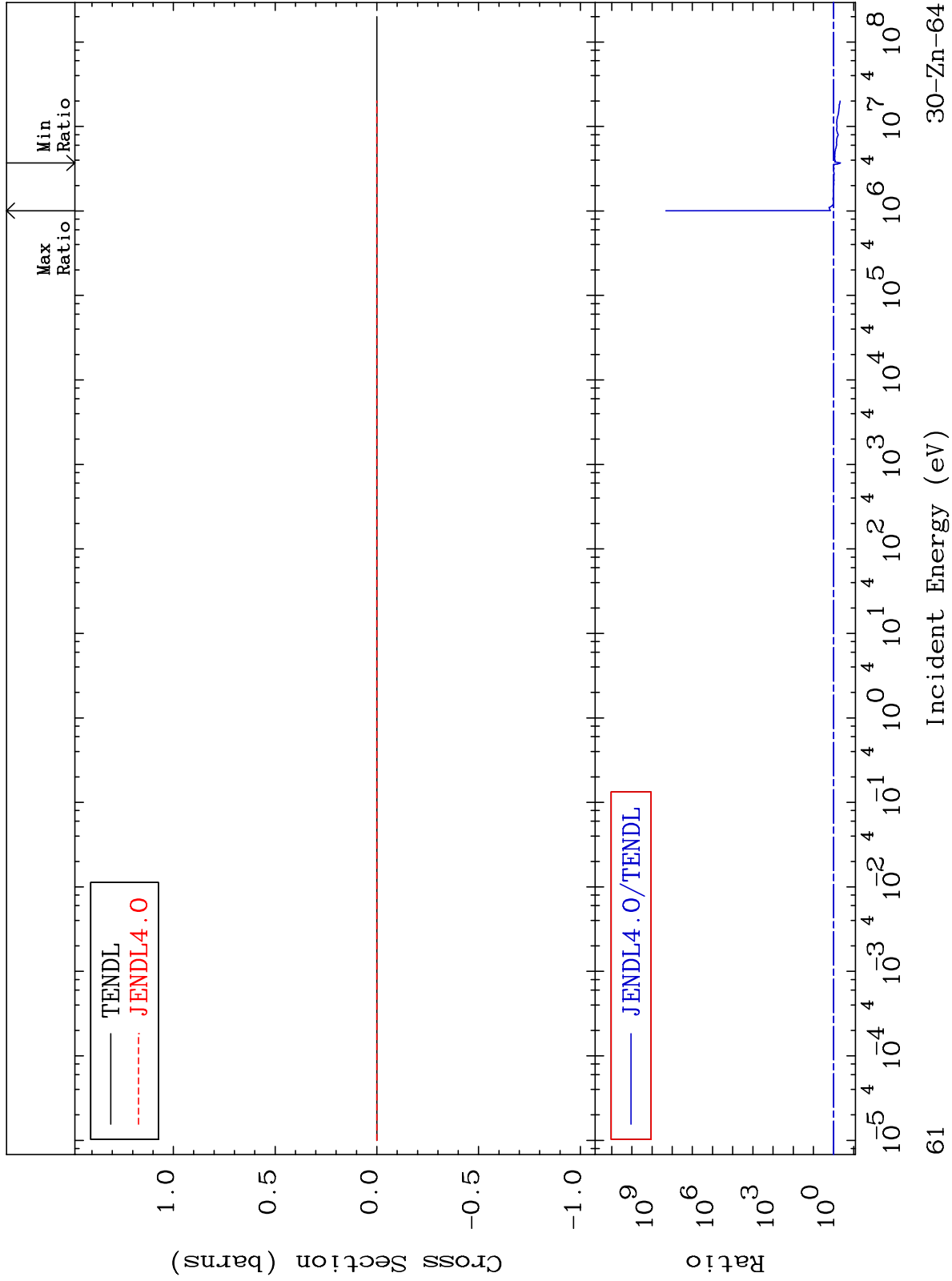
30-Zn-64
-54.74 To 9999. %



MAT 3025

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

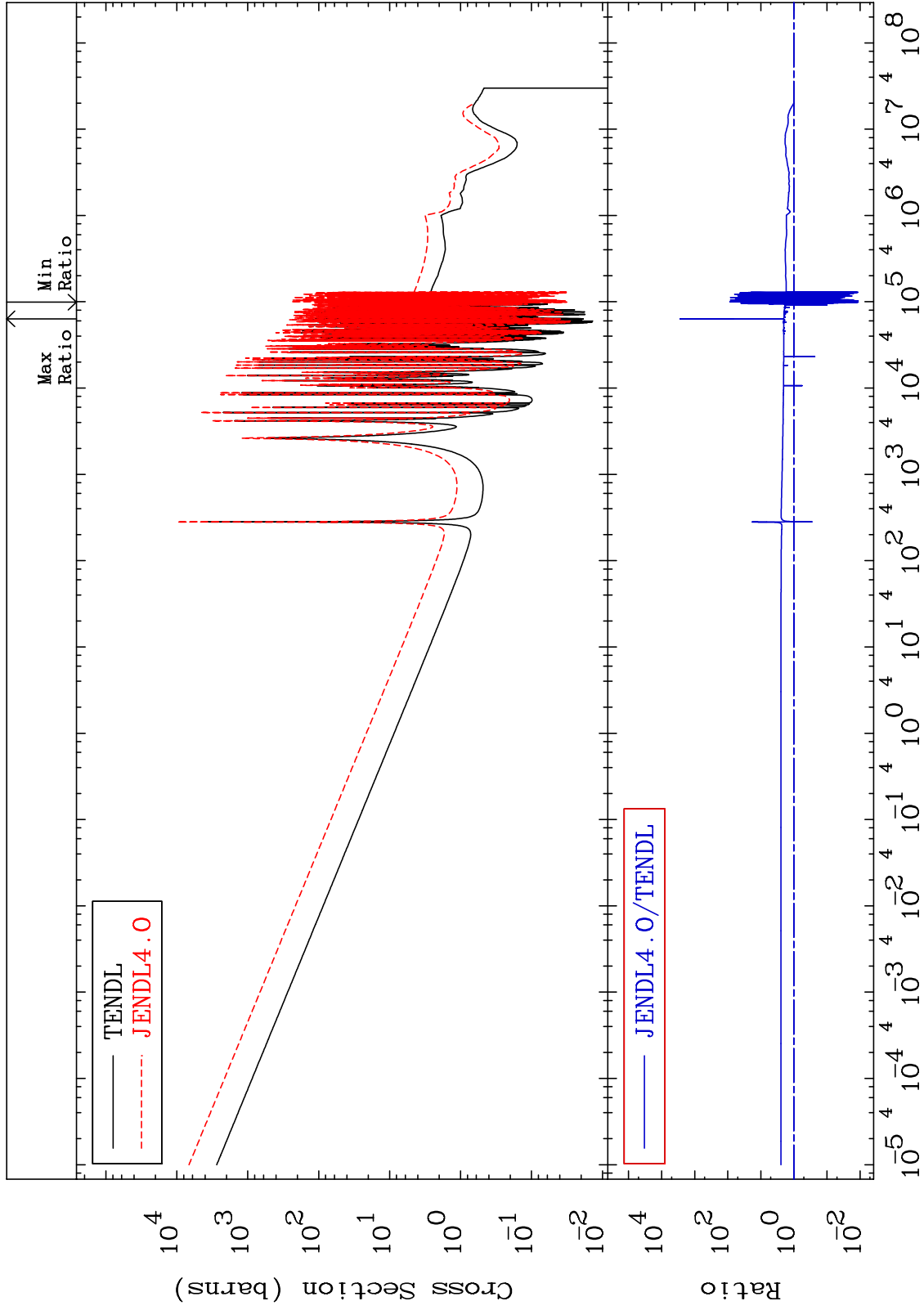
30-Zn-64
-54.74 To 9999. %



MAT 3025

Kerma capture (mt102)
Cross Section

30-Zn-64
-98.88 To 9999. %



62

Incident Energy (eV)

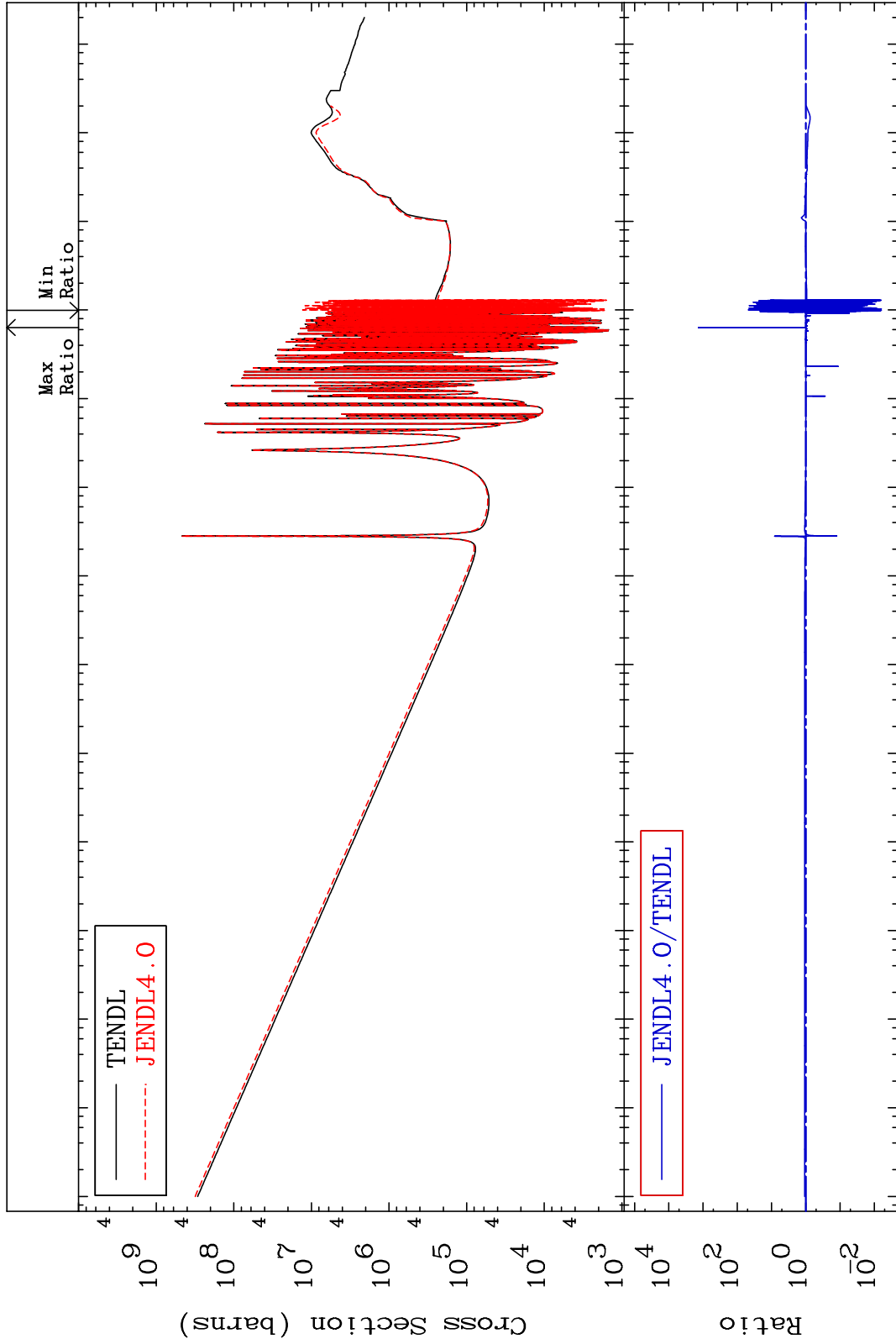
30-Zn-64

MAT 3025

Total photon (eV-barns)
Cross Section

30-Zn-64

-99.39 To 9999. %



Incident Energy (eV)

63

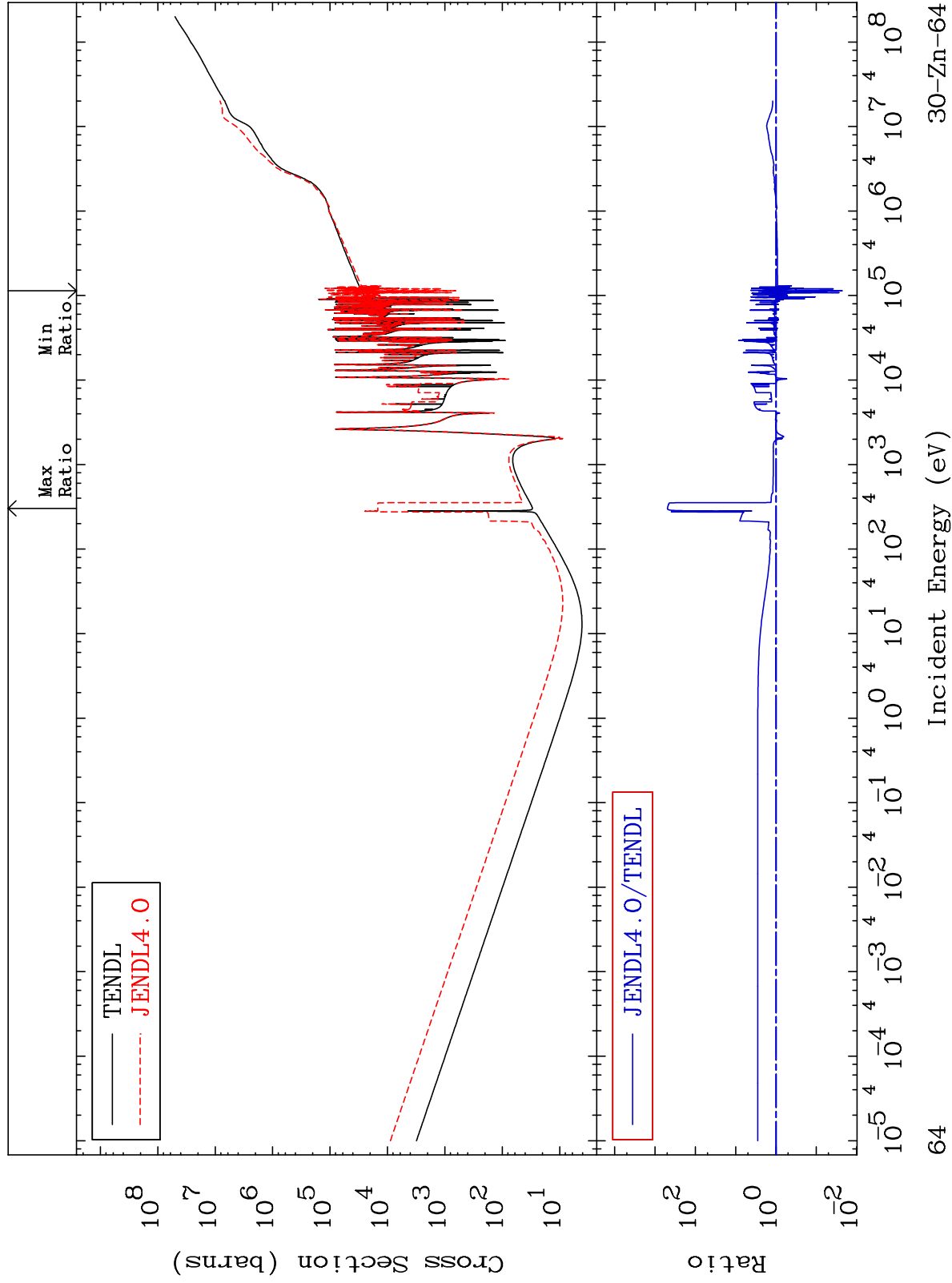
30-Zn-64

MAT 3025

Total kinematic kerma (high limit)
Cross Section

30-Zn-64

-97.71 To 9999. %



64

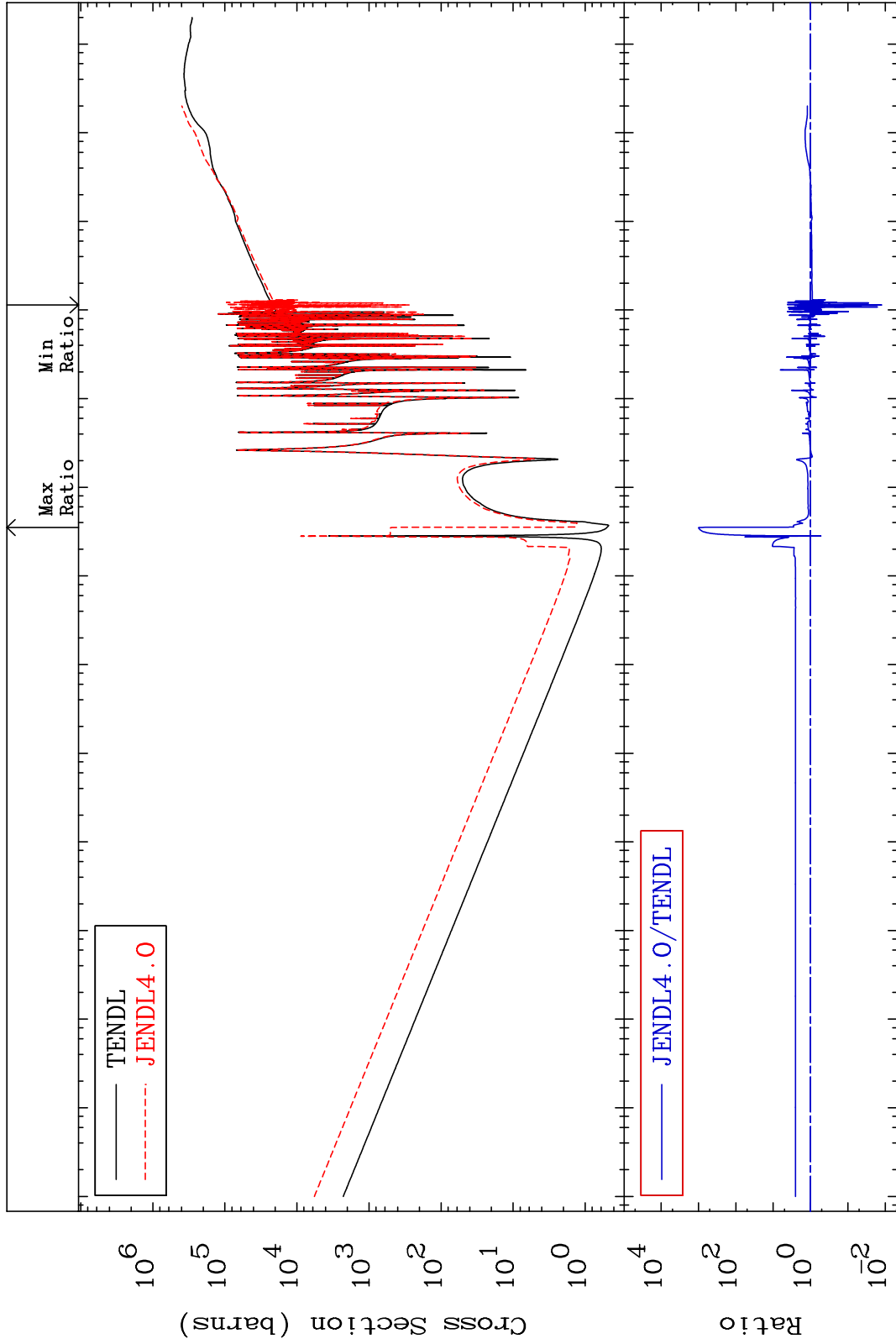
Incident Energy (eV)

30-Zn-64

MAT 3025

Dpa total (eV-barns)
Cross Section

30-Zn-64
-98.75 To 9999. %



65

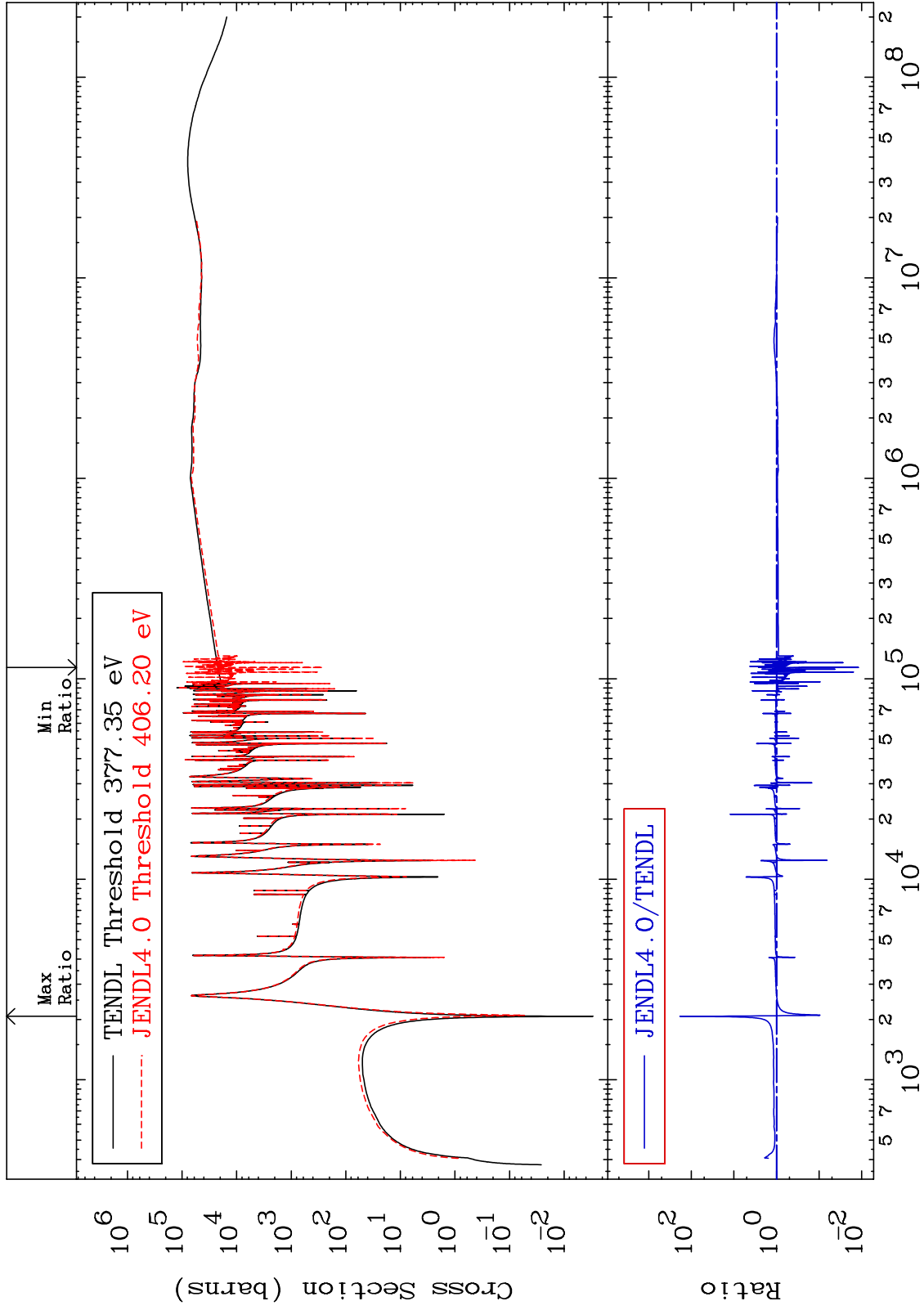
Incident Energy (eV)

30-Zn-64

MAT 3025

Dpa elastic (mt2)
Cross Section

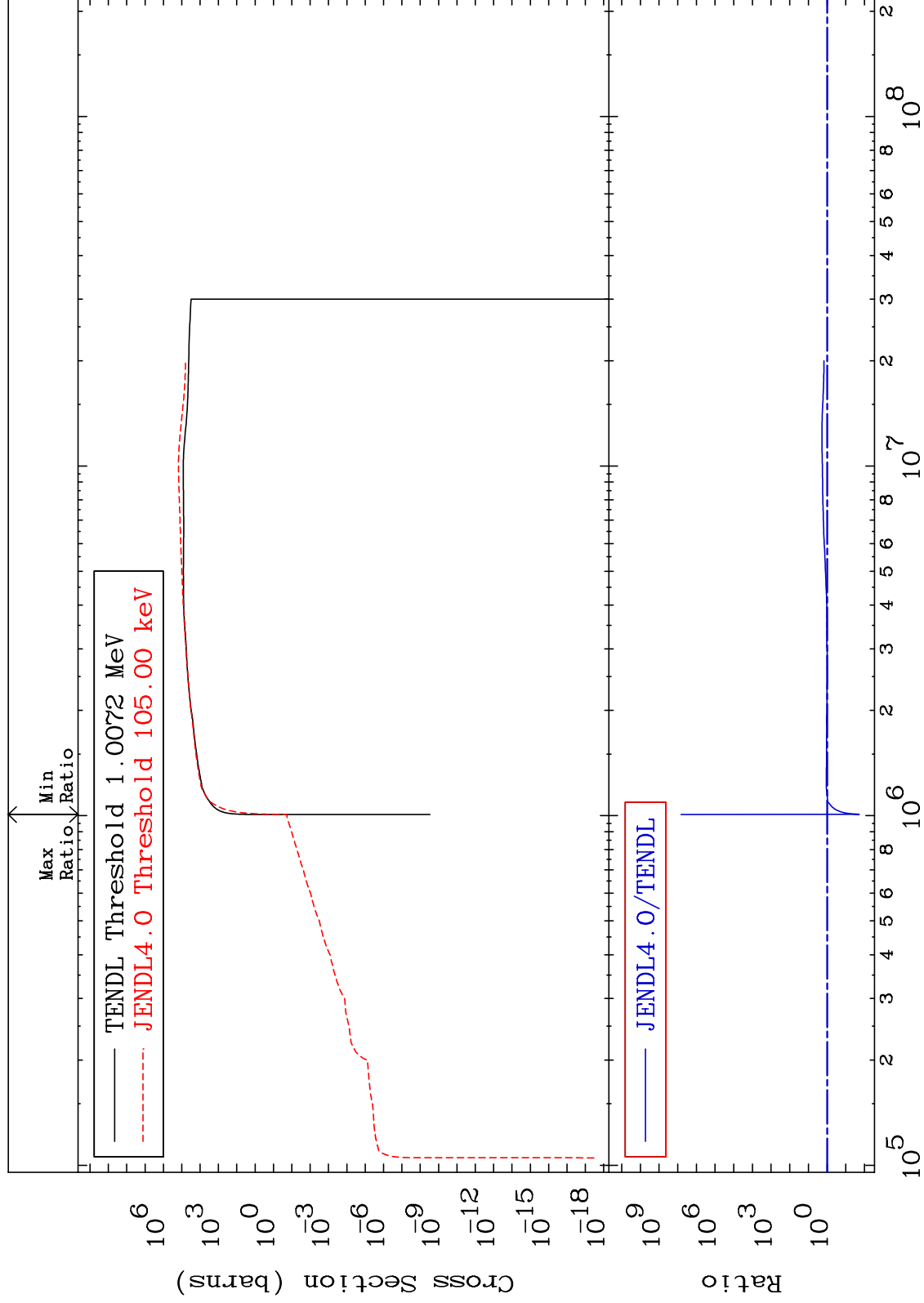
30-Zn-64
-98.80 To 9999. %



MAT 3025

Dpa inelastic (mt51-91)
Cross Section

30-Zn-64
-98.11 To 9999. %



67

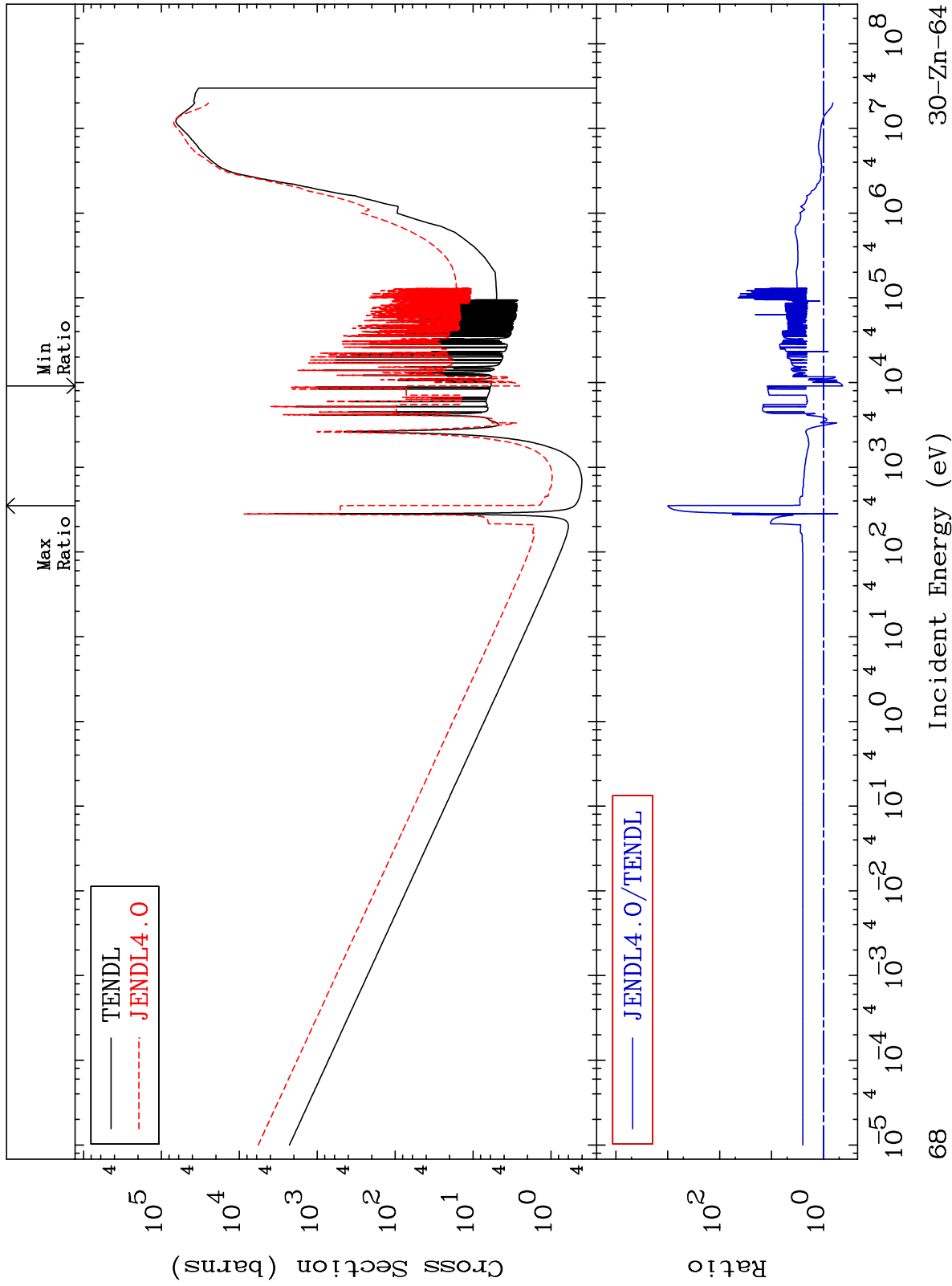
Incident Energy (eV)

30-Zn-64

MAT 3025

Dpa disappearance (mt102 -120)
Cross Section

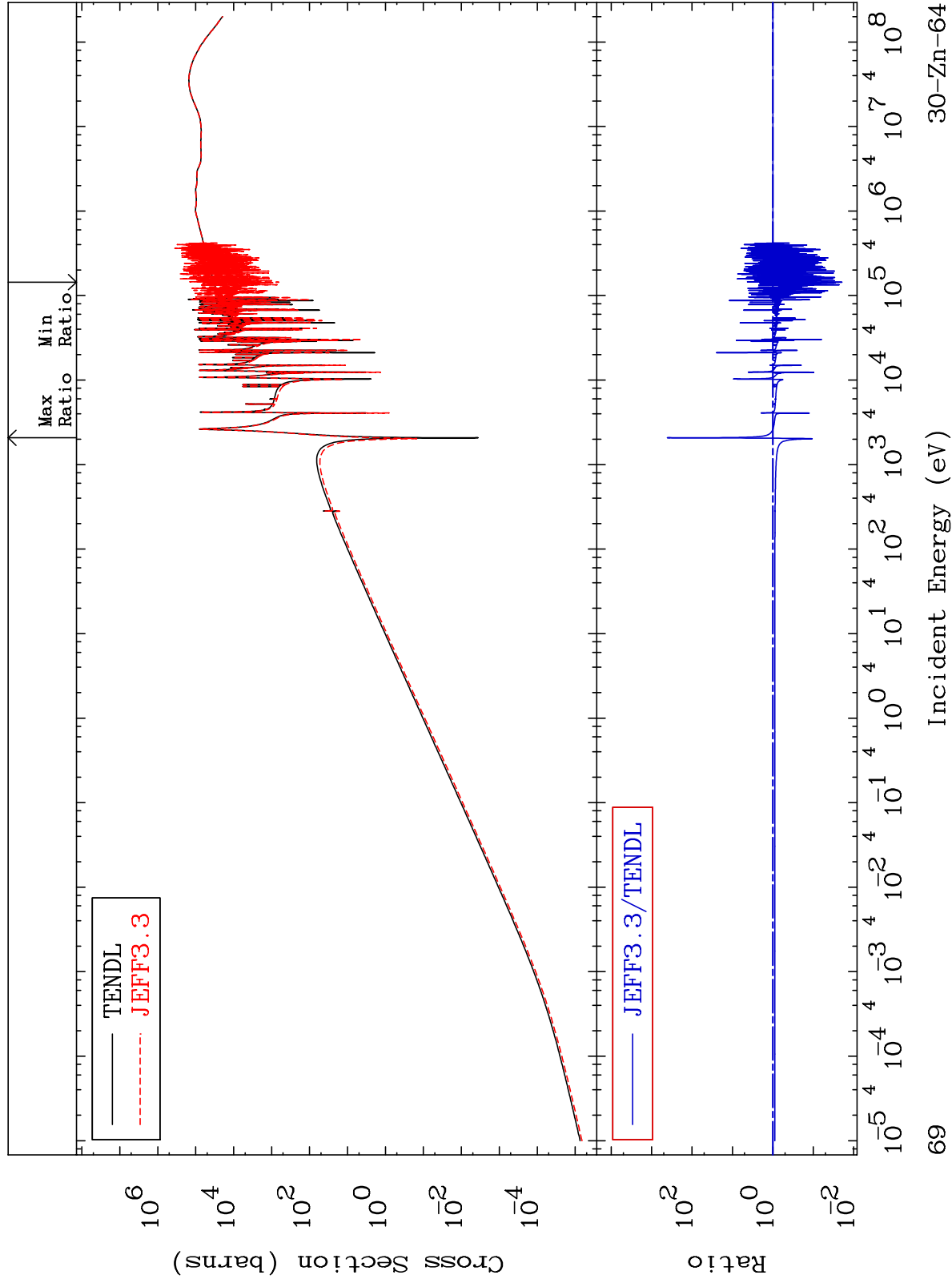
30-Zn-64
-57.13 To 9999. %



MAT 3025

Kerma elastic
Cross Section

30-Zn-64
-98.08 To 9999. %

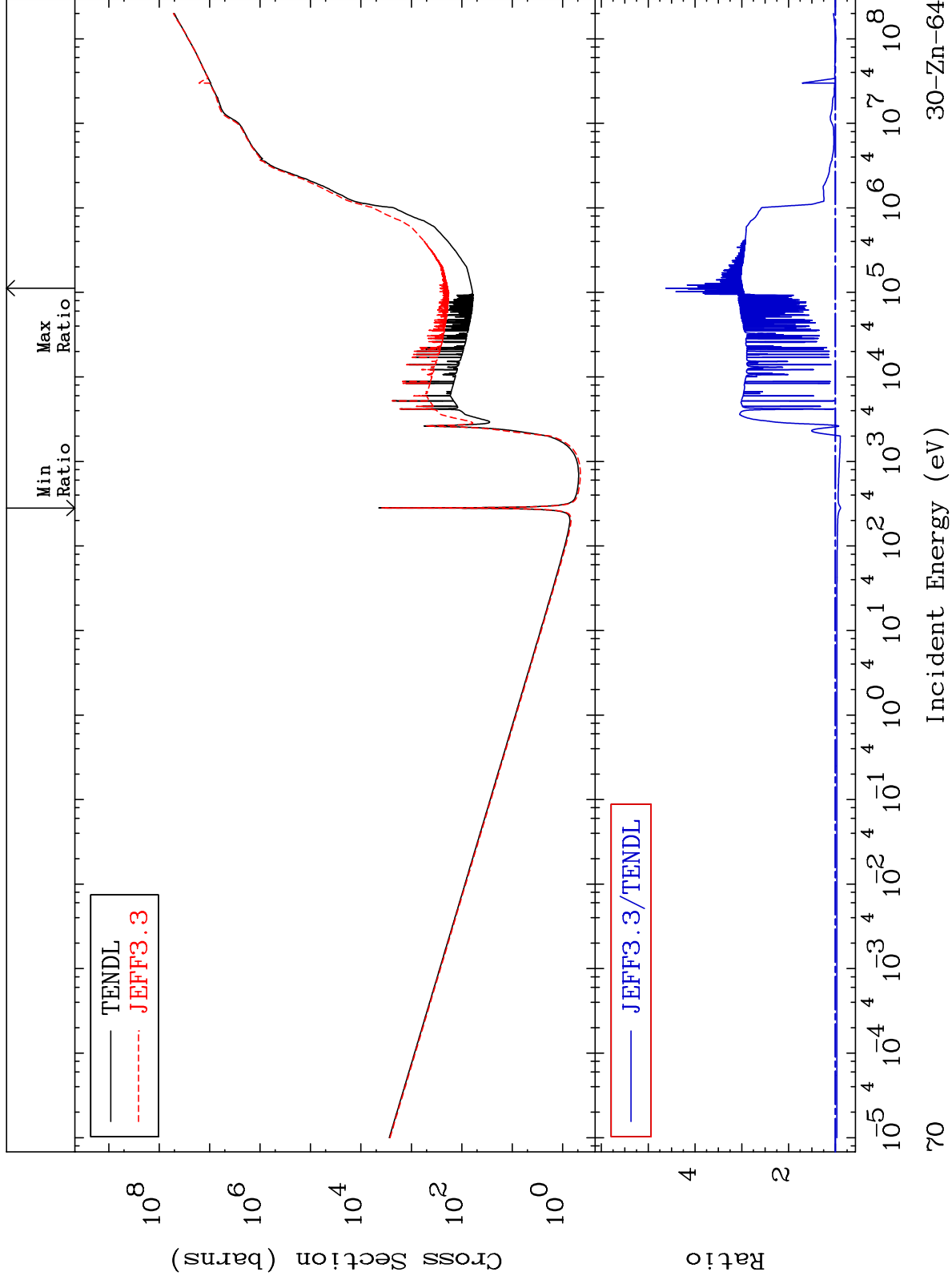


MAT 3025

Kerma non-elastic (all but mt2)
Cross Section

30-Zn-64

-11.16 To 362.2 %



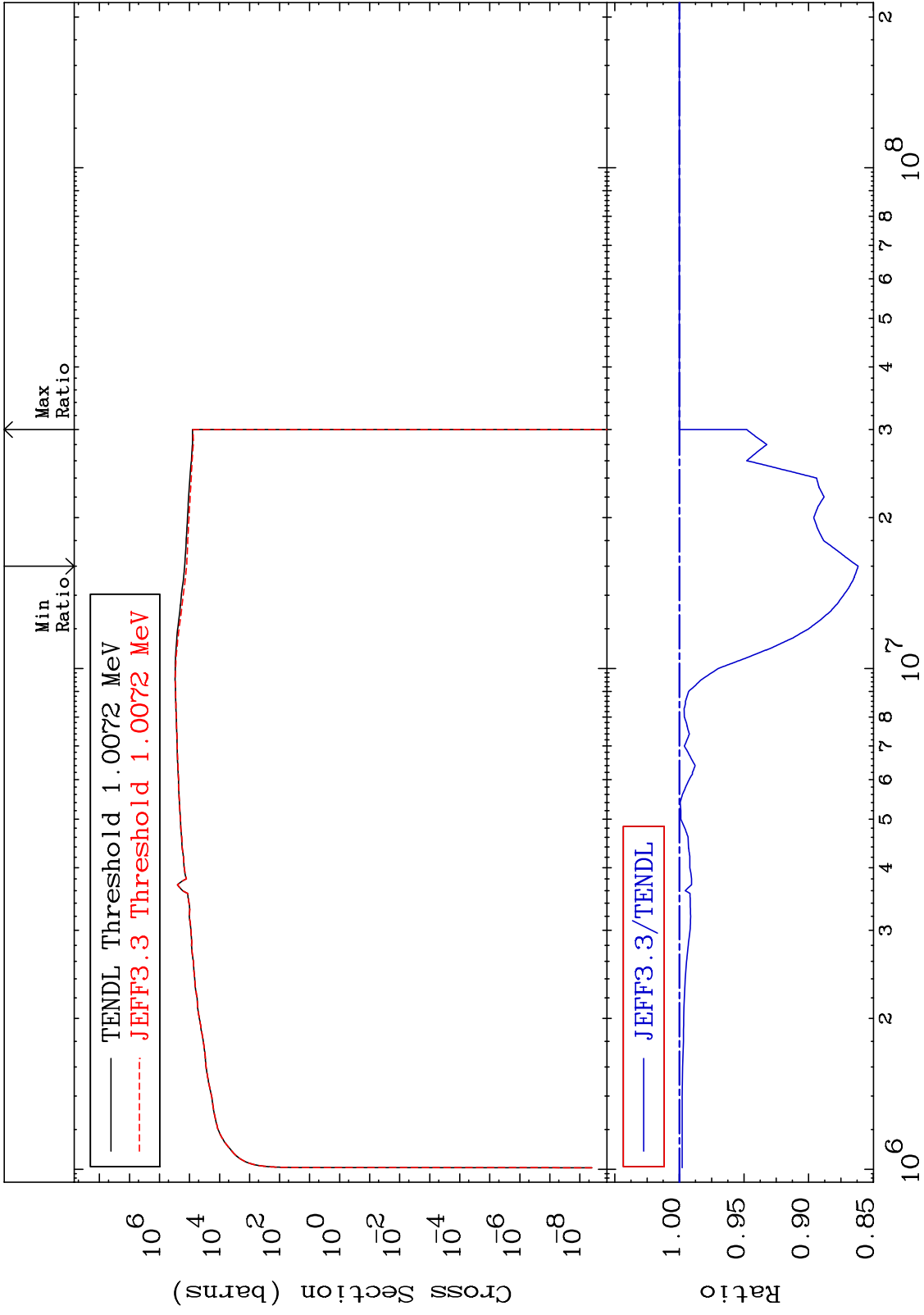
30-Zn-64

70

MAT 3025

Kerma inelastic (mt51-91)
Cross Section

30-Zn-64
-13.84 To 0.000 %



71

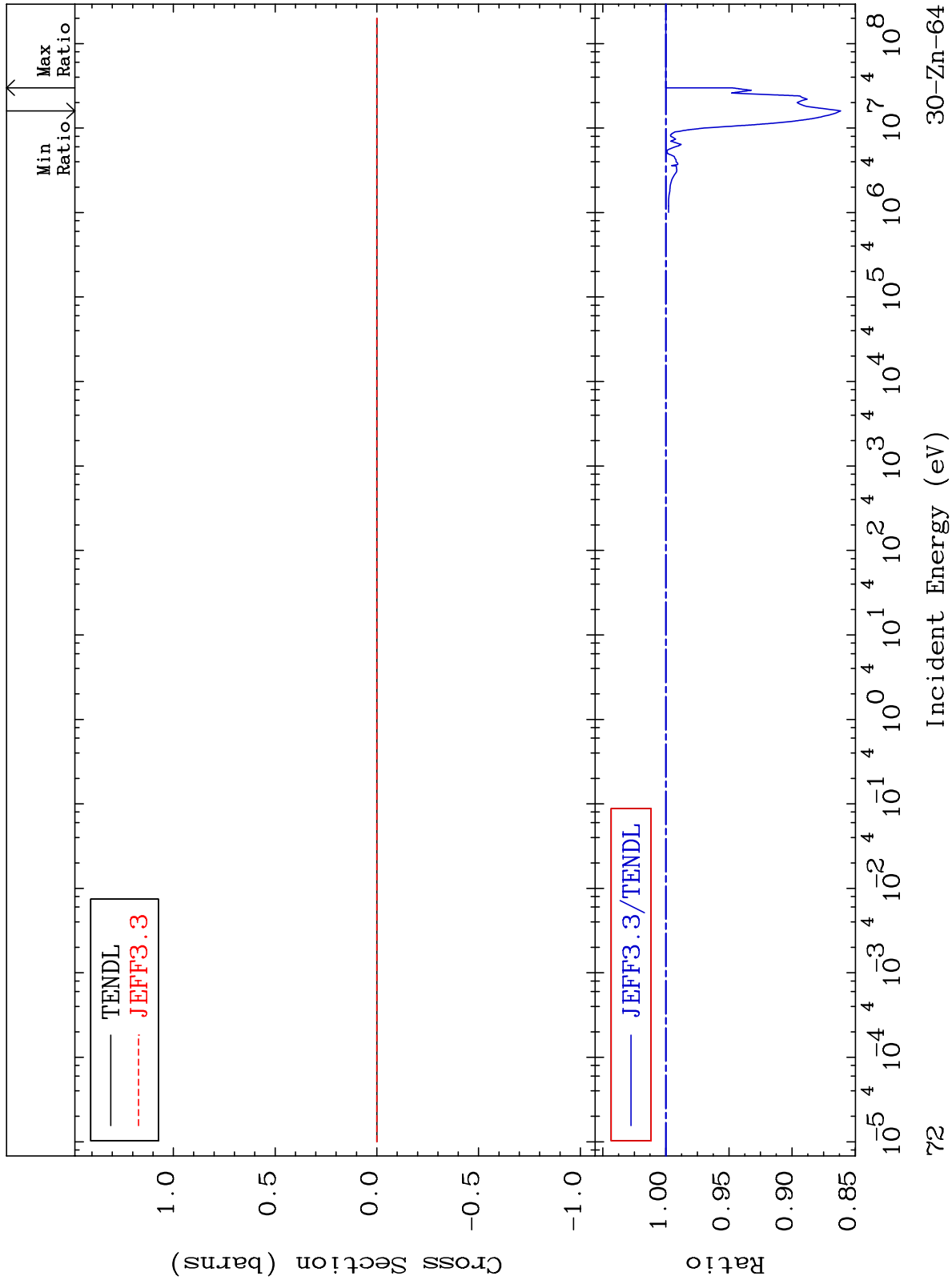
Incident Energy (eV)

30-Zn-64

MAT 3025

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

30-Zn-64
-13.84 To 0.000 %



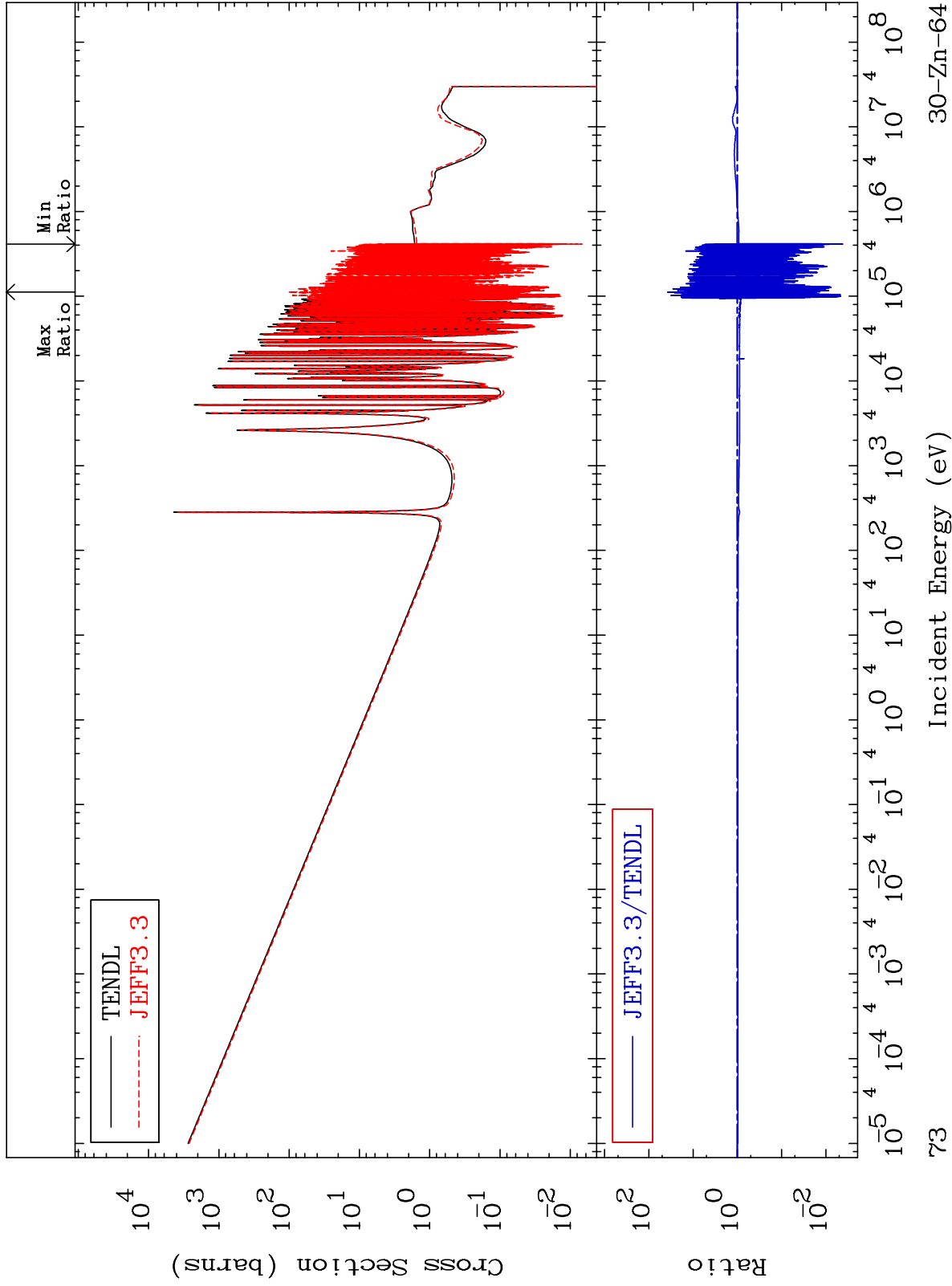
72

30-Zn-64

MAT 3025

Kerma capture (mt102)
Cross Section

30-Zn-64
-99.58 To 3682. %



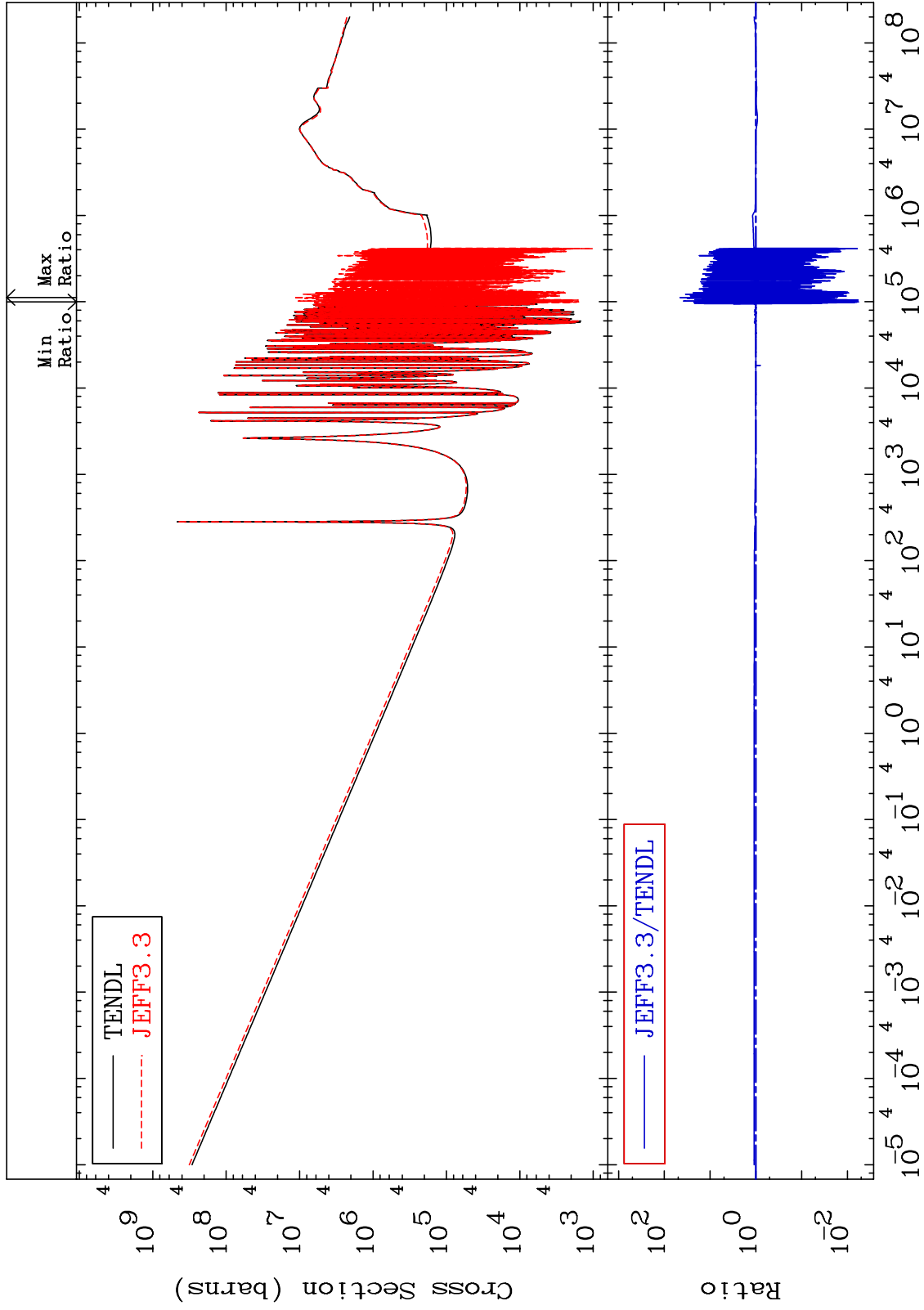
73

30-Zn-64

MAT 3025

Total photon (eV-barns)
Cross Section

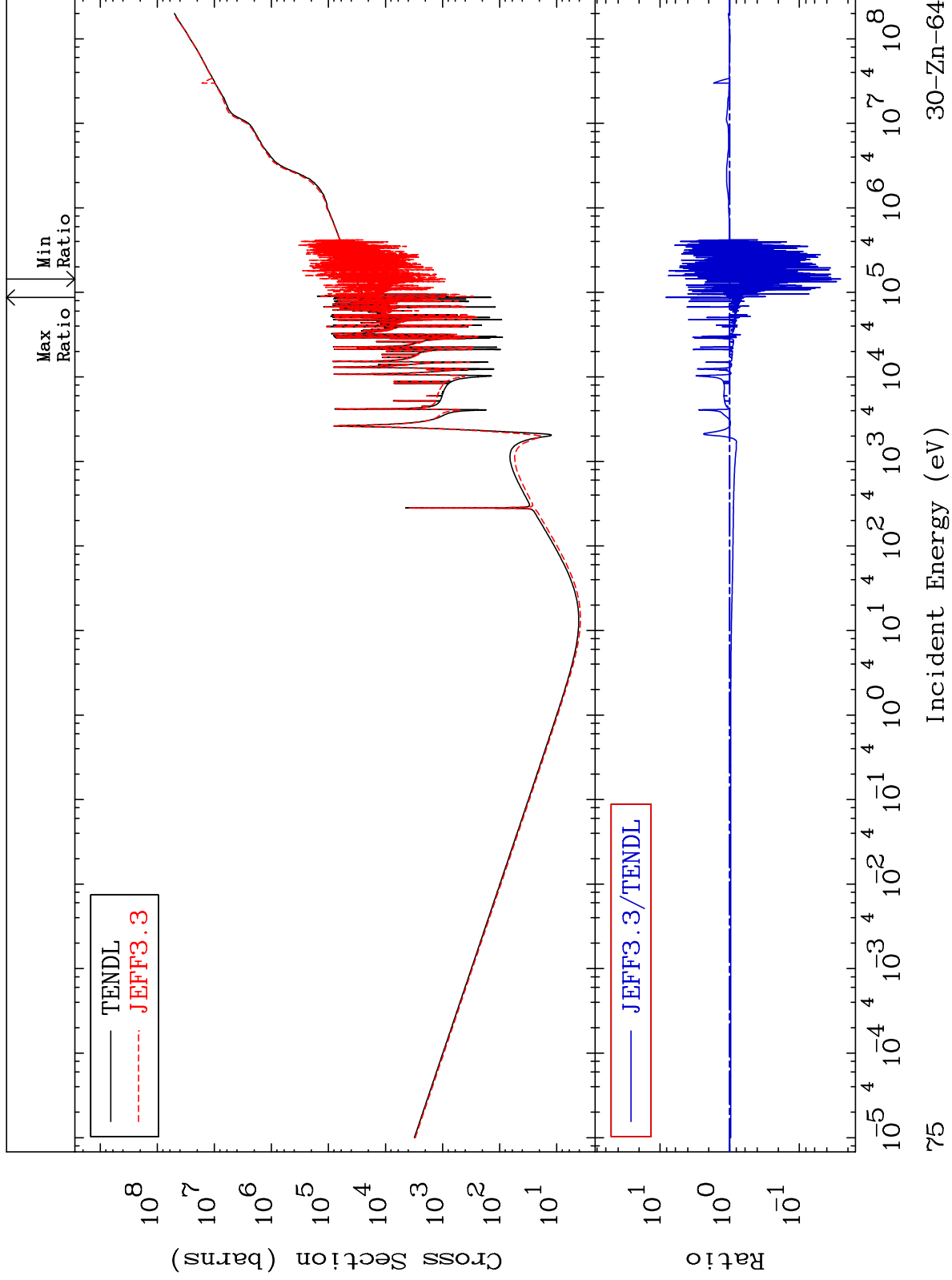
30-Zn-64
-99.42 To 4446. %



MAT 3025

Total kinematic kerma (high limit)
Cross Section

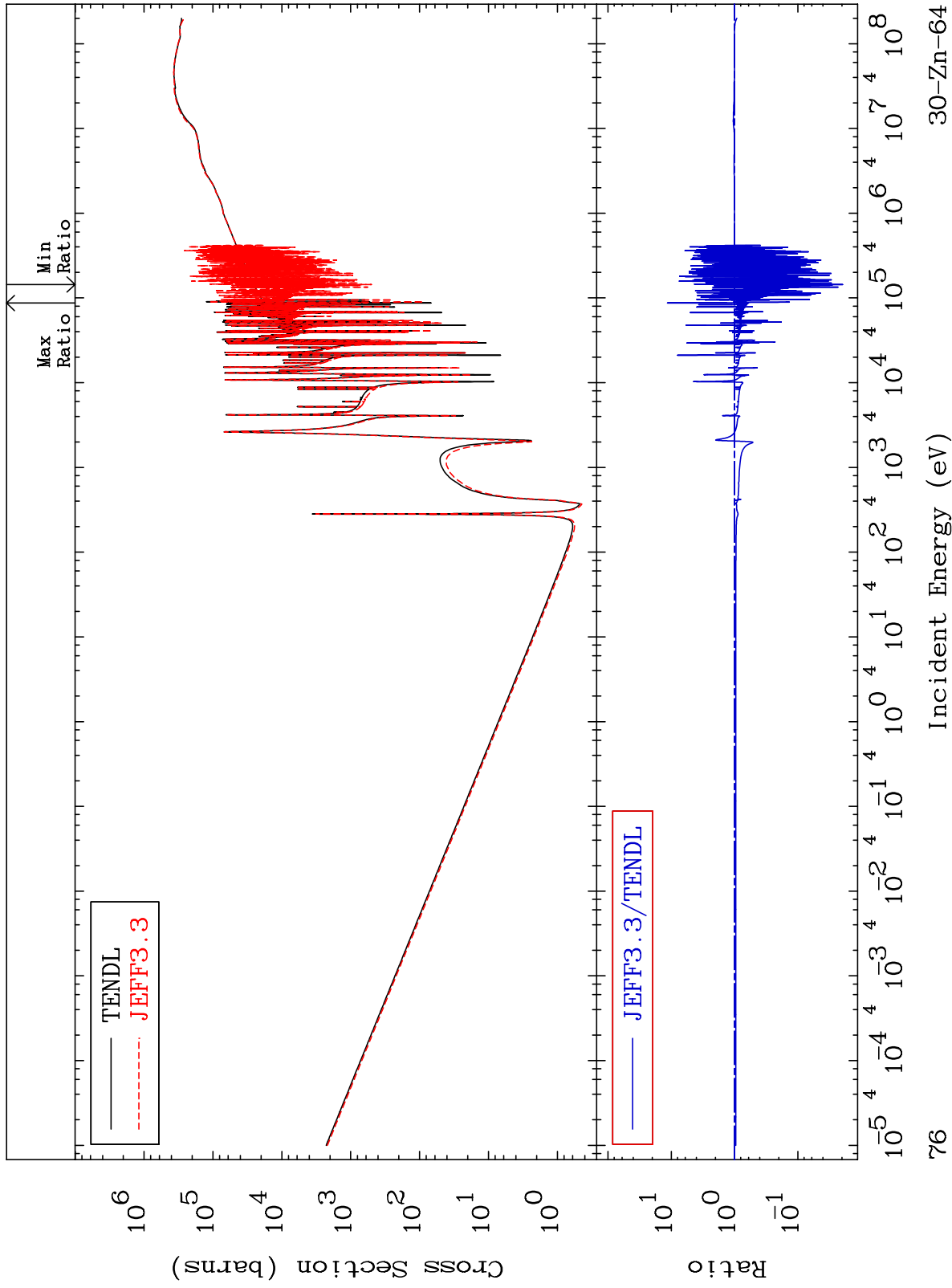
30-Zn-64
-97.45 To 723.6 %



MAT 3025

Dpa total (eV-barns)
Cross Section

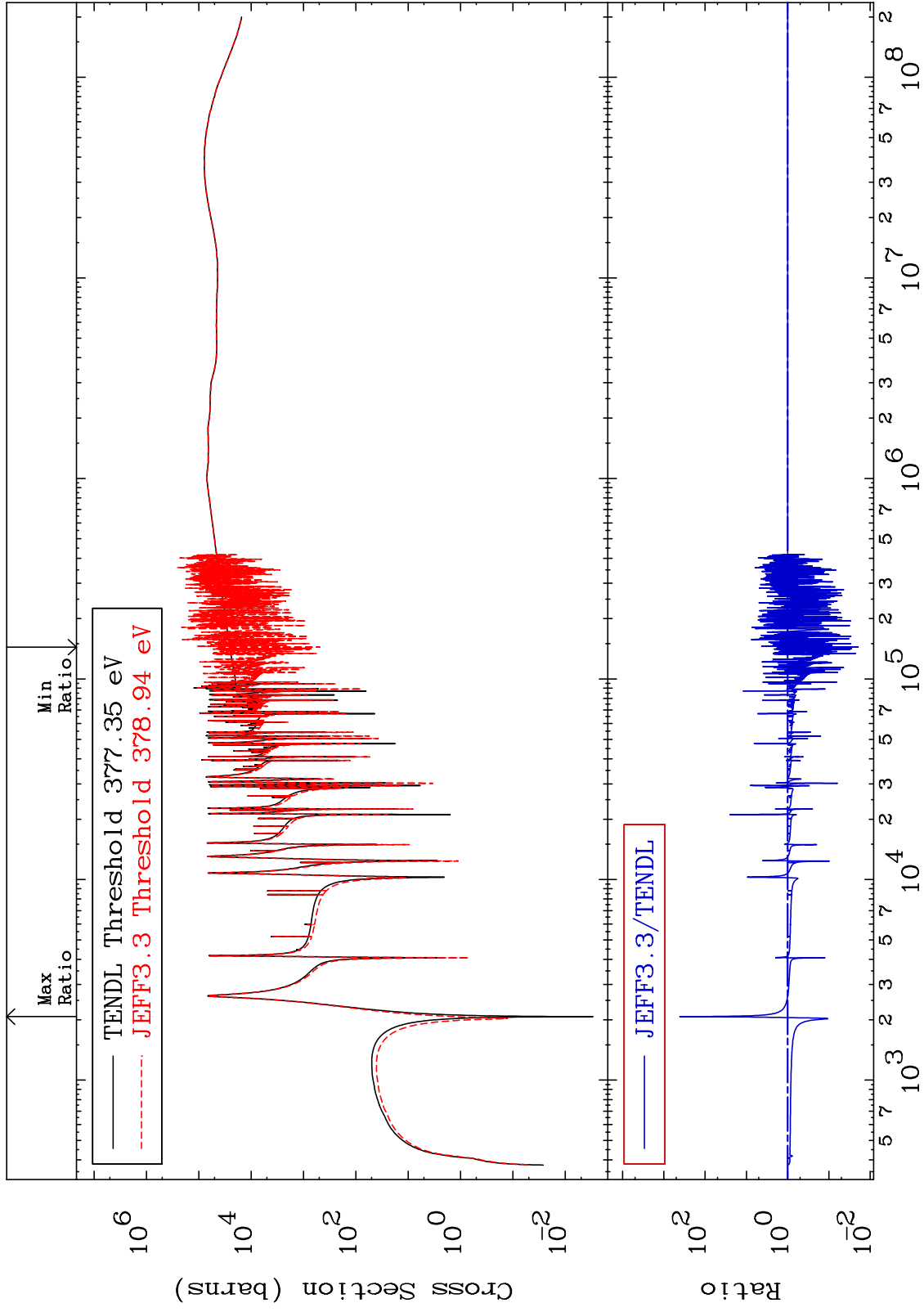
30-Zn-64
-98.04 To 1047. %



MAT 3025

Dpa elastic (mt2)
Cross Section

30-Zn-64
-98.08 To 9999. %



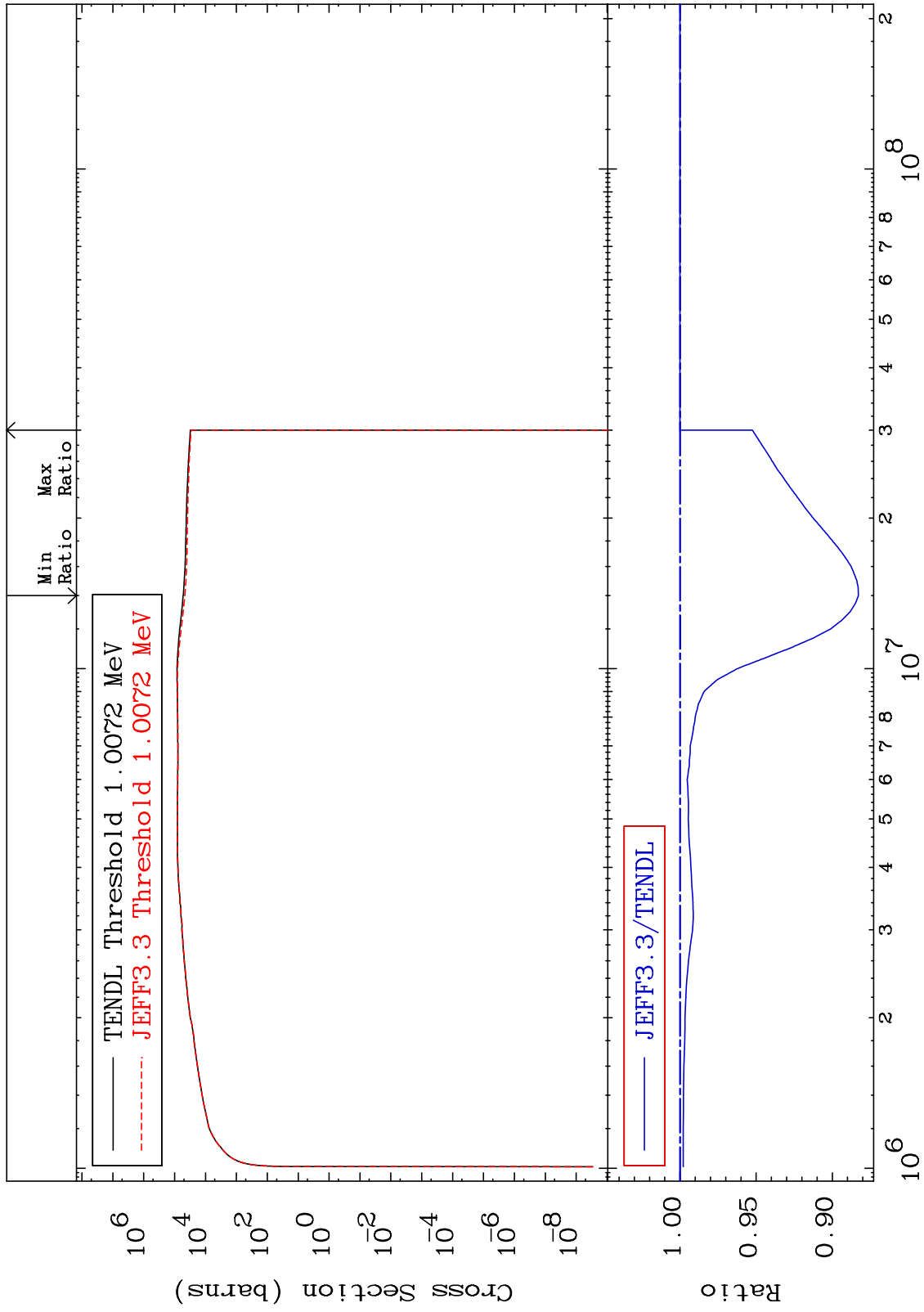
77

30-Zn-64

MAT 3025

Dpa inelastic (mt51-91)
Cross Section

30-Zn-64
-11.71 To 0.000 %



30-Zn-64

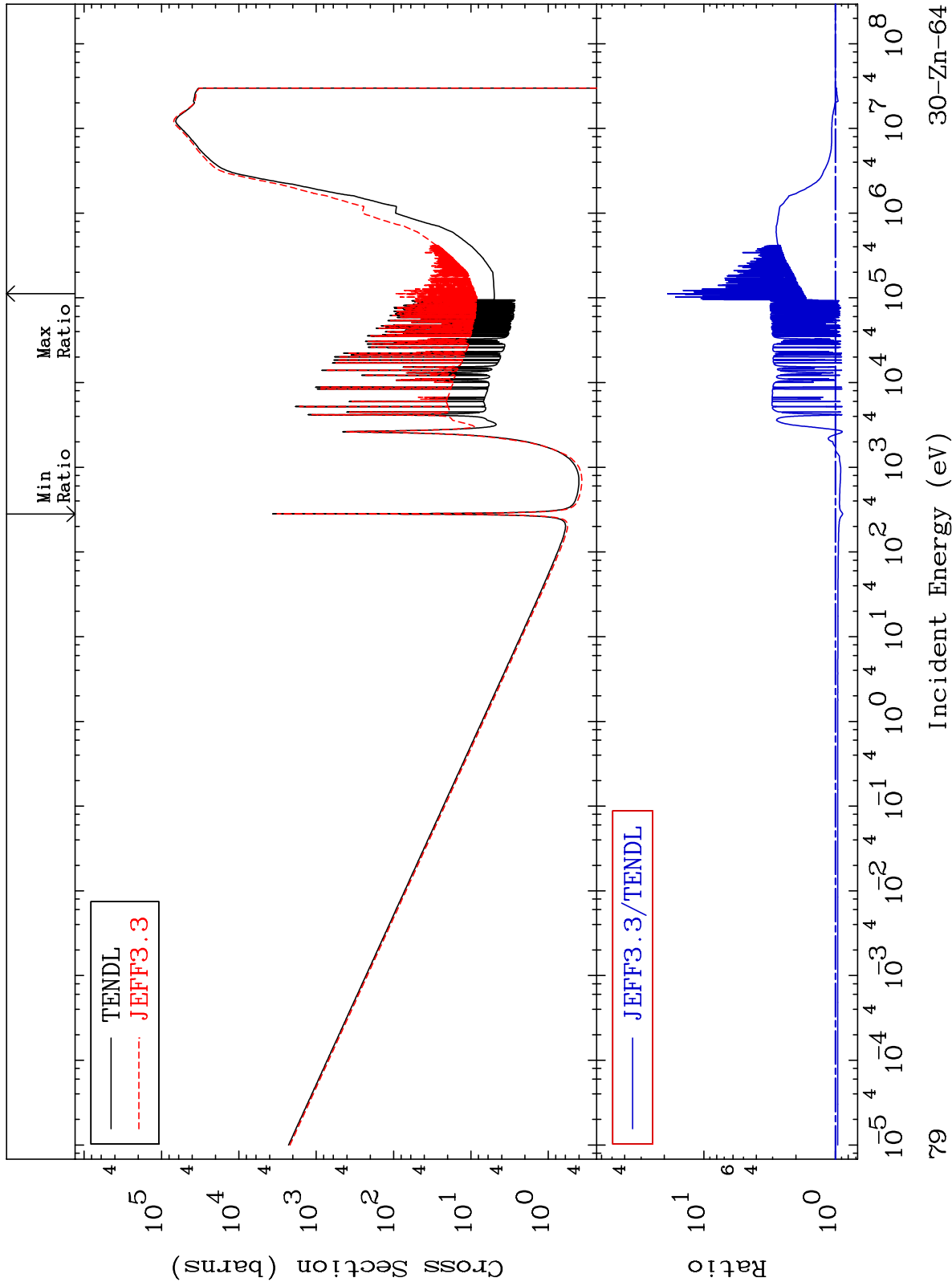
Incident Energy (eV)

78

MAT 3025

Dpa disappearance (mt102 -120)
Cross Section

30-Zn-64
-11.87 To 1790. %

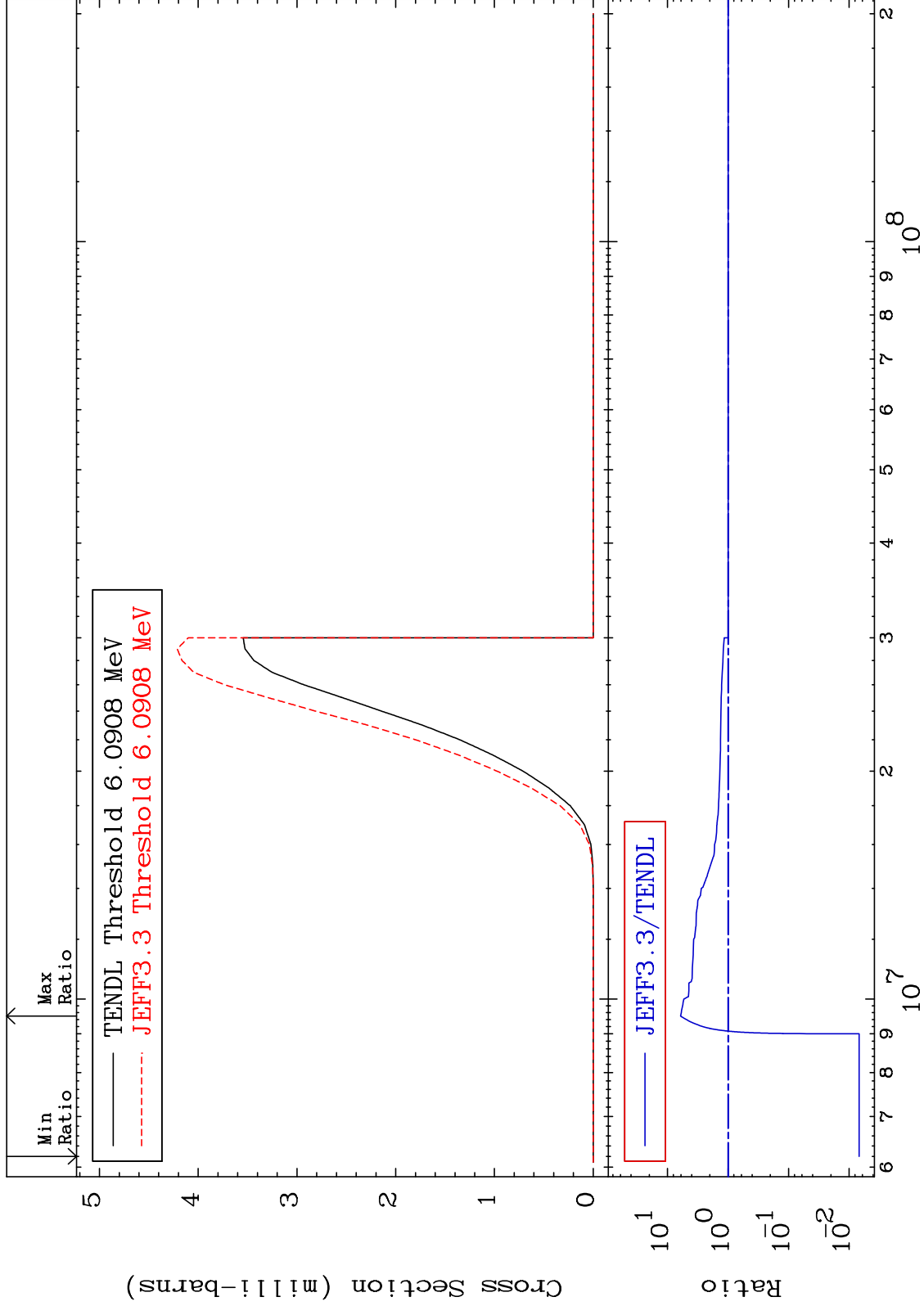


MAT 3025

(n,p) α :27-Co-60g

30-Zn-64

Radionuclide Production Cross Section -99.32 To 507.6 %



80

Incident Energy (eV)

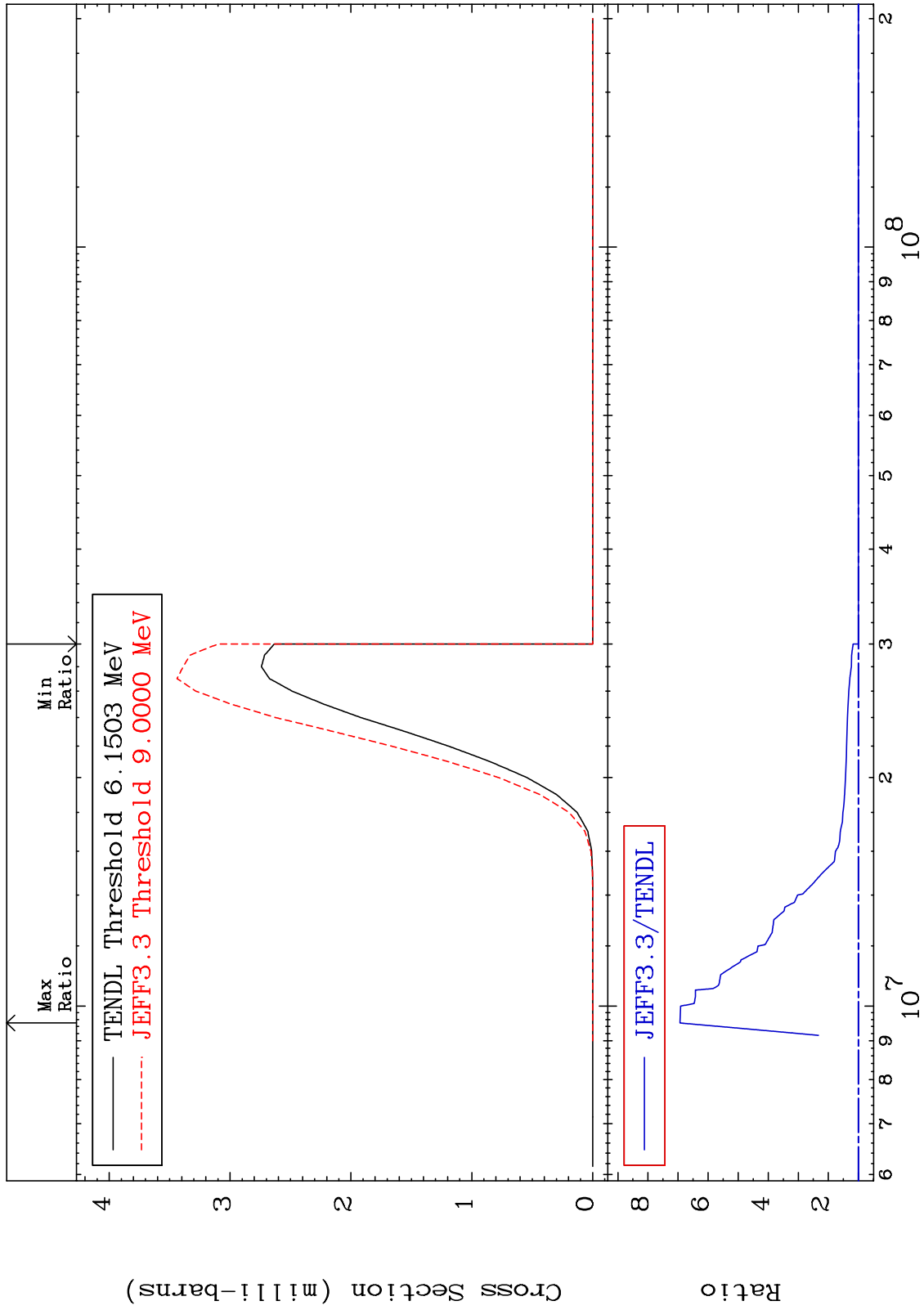
30-Zn-64

MAT 3025

(n, p) α :27-Co-60m1

30-Zn-64

Radionuclide Production Cross Section 0.000 To 593.4 %



81

Incident Energy (eV)

30-Zn-64