

Program Complot
(Version 2021-1)

by

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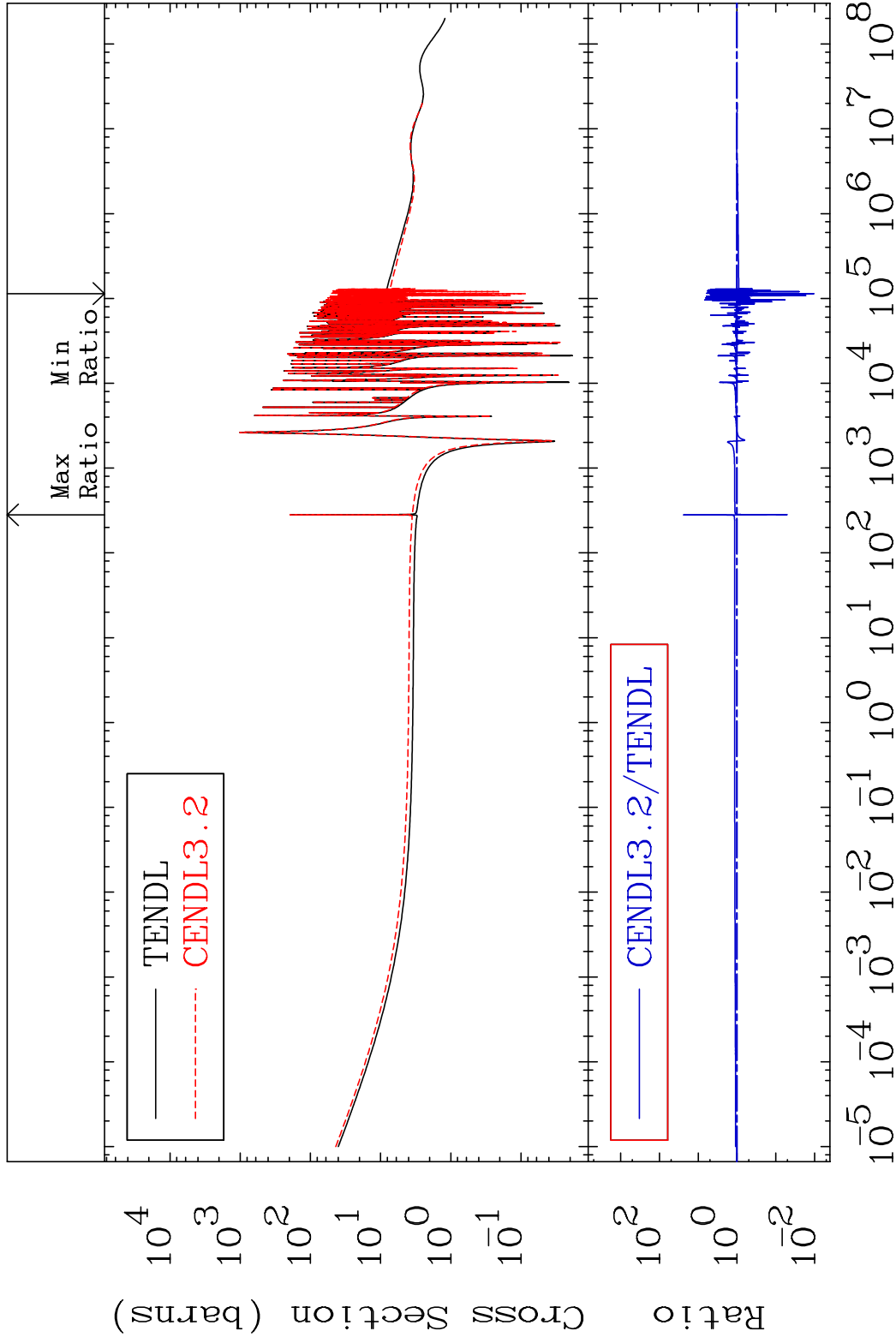
Press Mouse Button to Start

MAT 3025

Total

30-Zn-64

Cross Section -98.97 To 2282. %

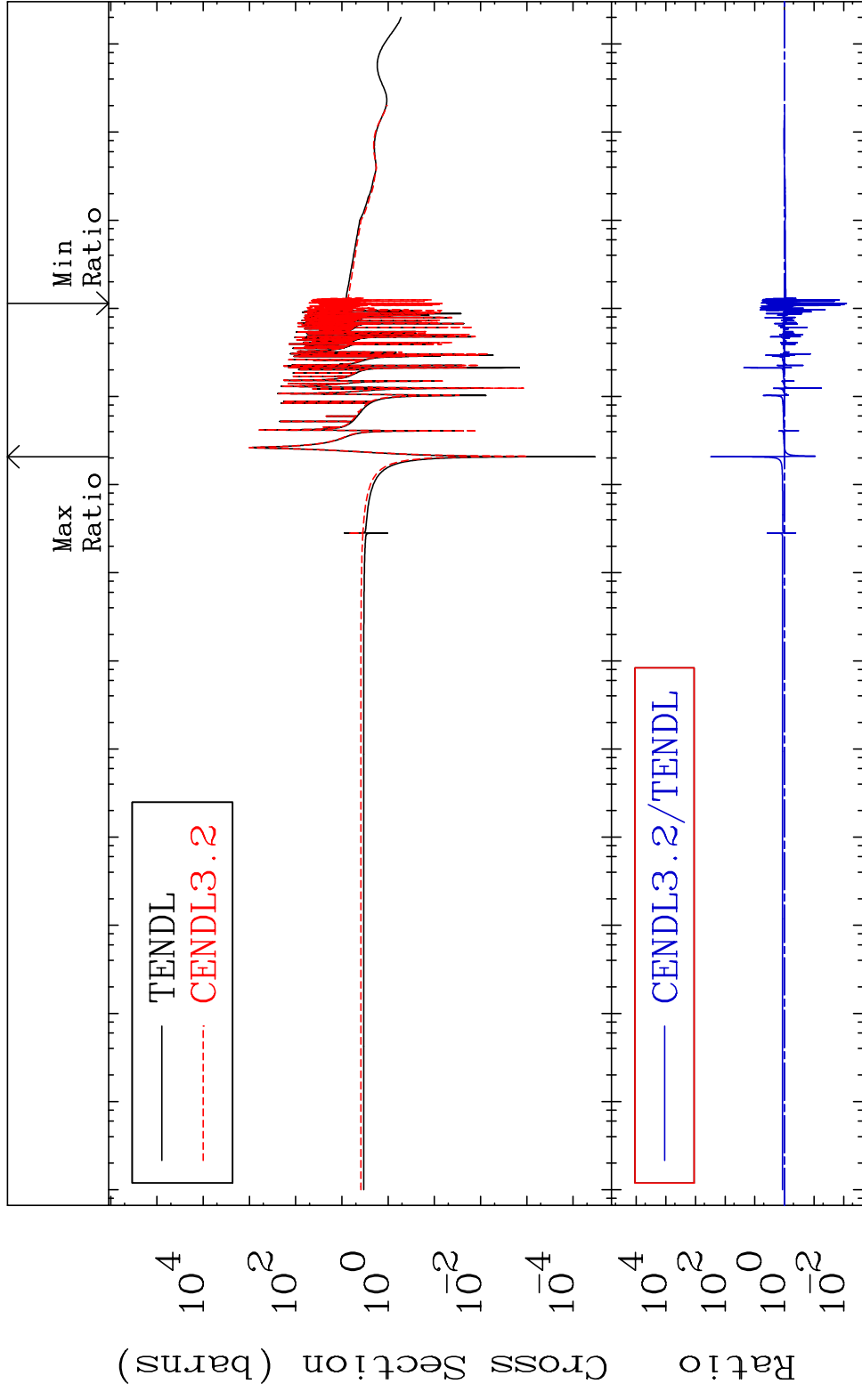


1

Incident Energy (eV)

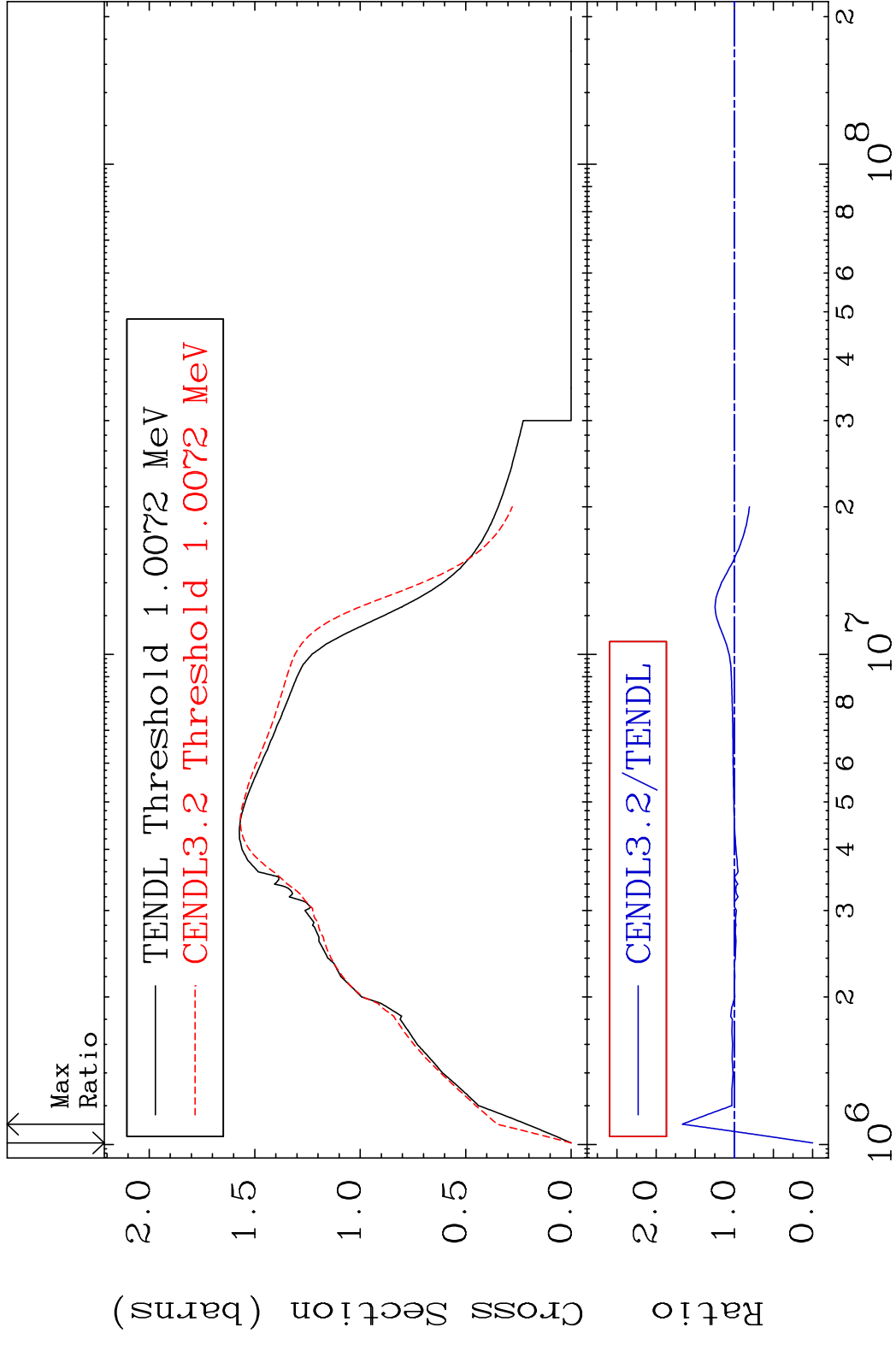
30-Zn-64

MAT 3025 Elastic 30-Zn-64
Cross Section -99.18 To 9999. %



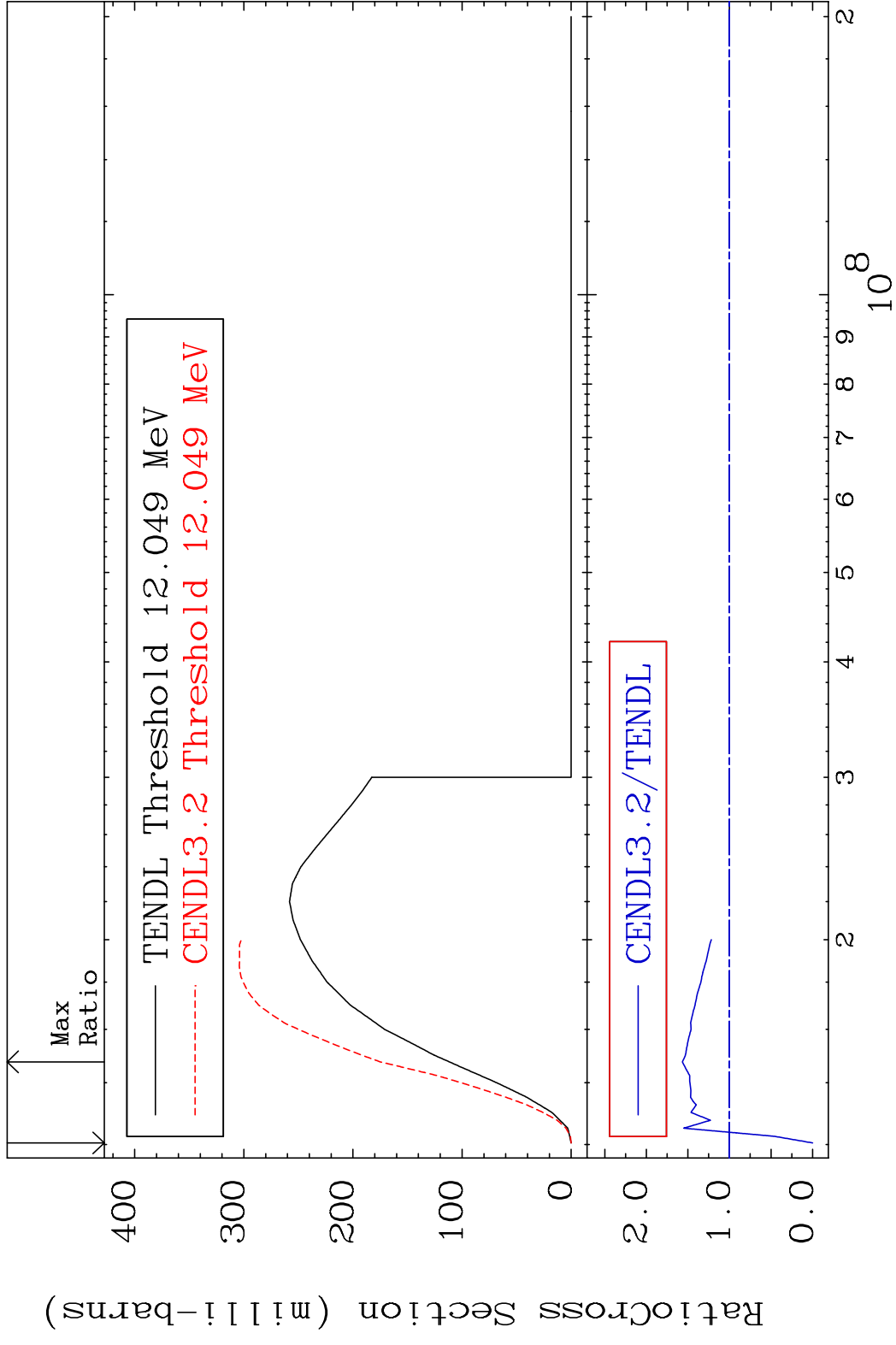
2 Incident Energy (eV) 30-Zn-64

MAT 3025 Inelastic Cross Section -100.0 To 66.42 % 30-Zn-64



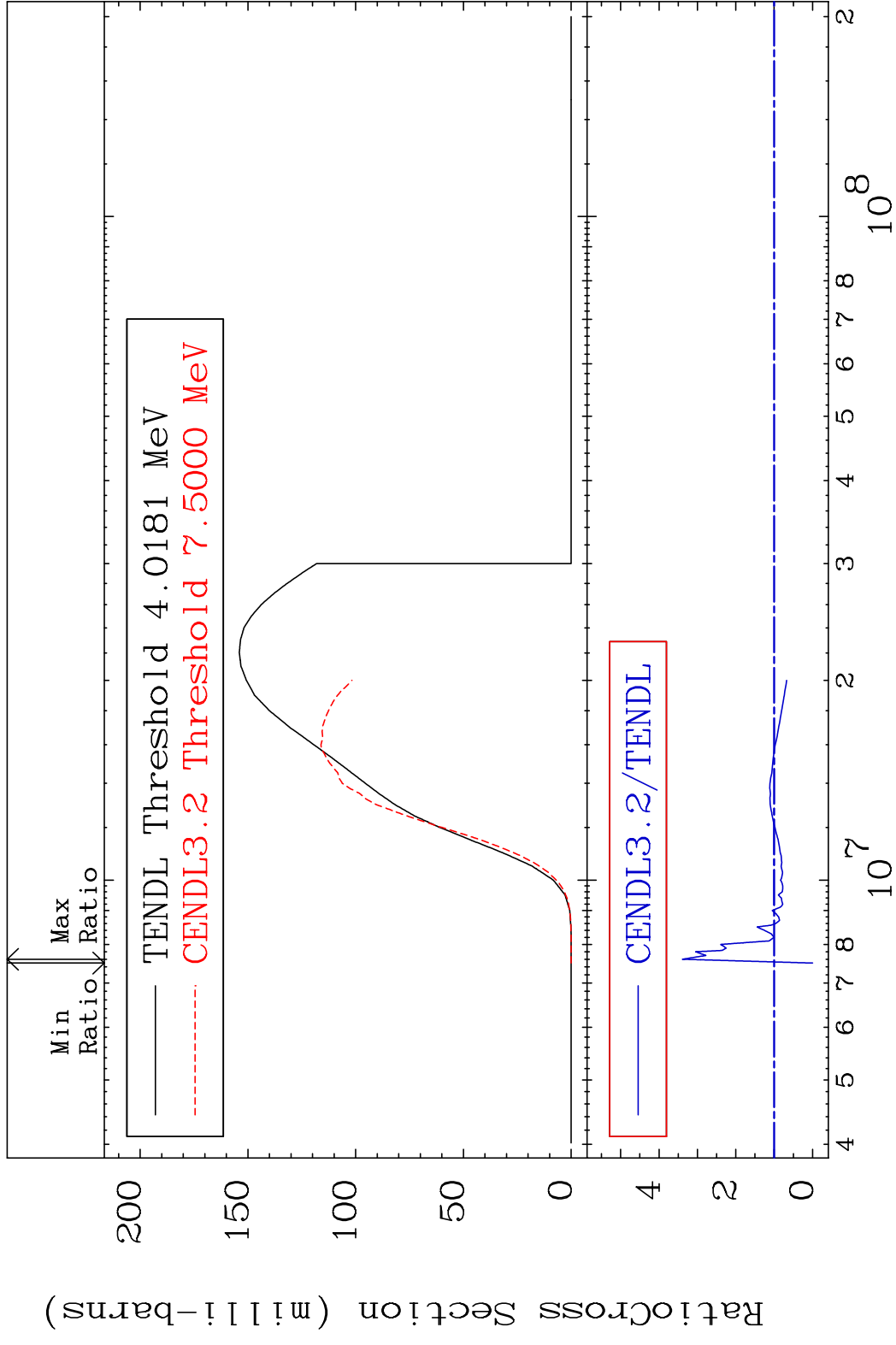
3 Incident Energy (eV) 30-Zn-64

MAT 3025 (n,2n) 30-Zn-64
 Cross Section -100.0 To 56.68 %

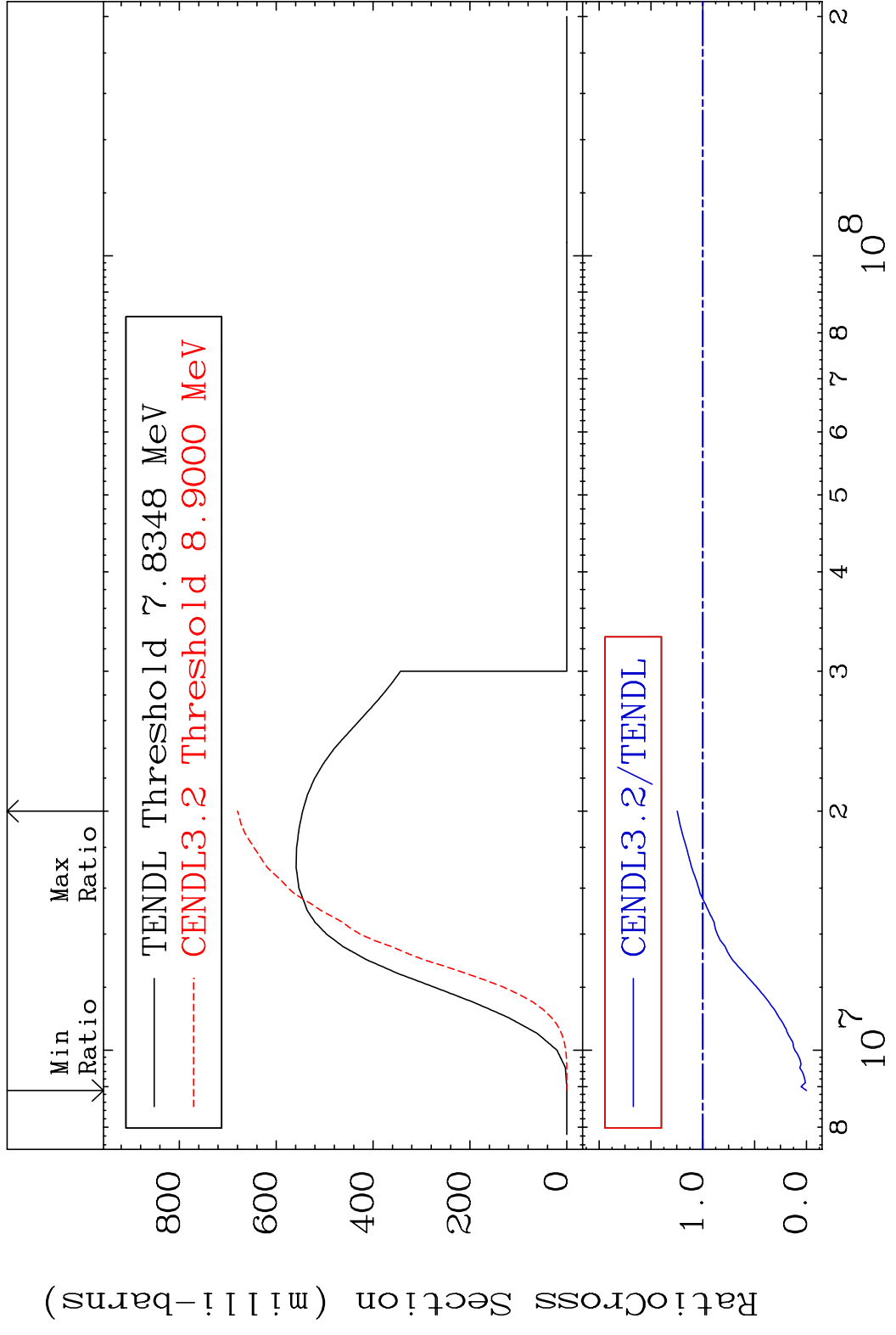


4 Incident Energy (eV) 30-Zn-64

MAT 3025 (n, n') α 30-Zn-64
 Cross Section -100.0 To 239.3 %

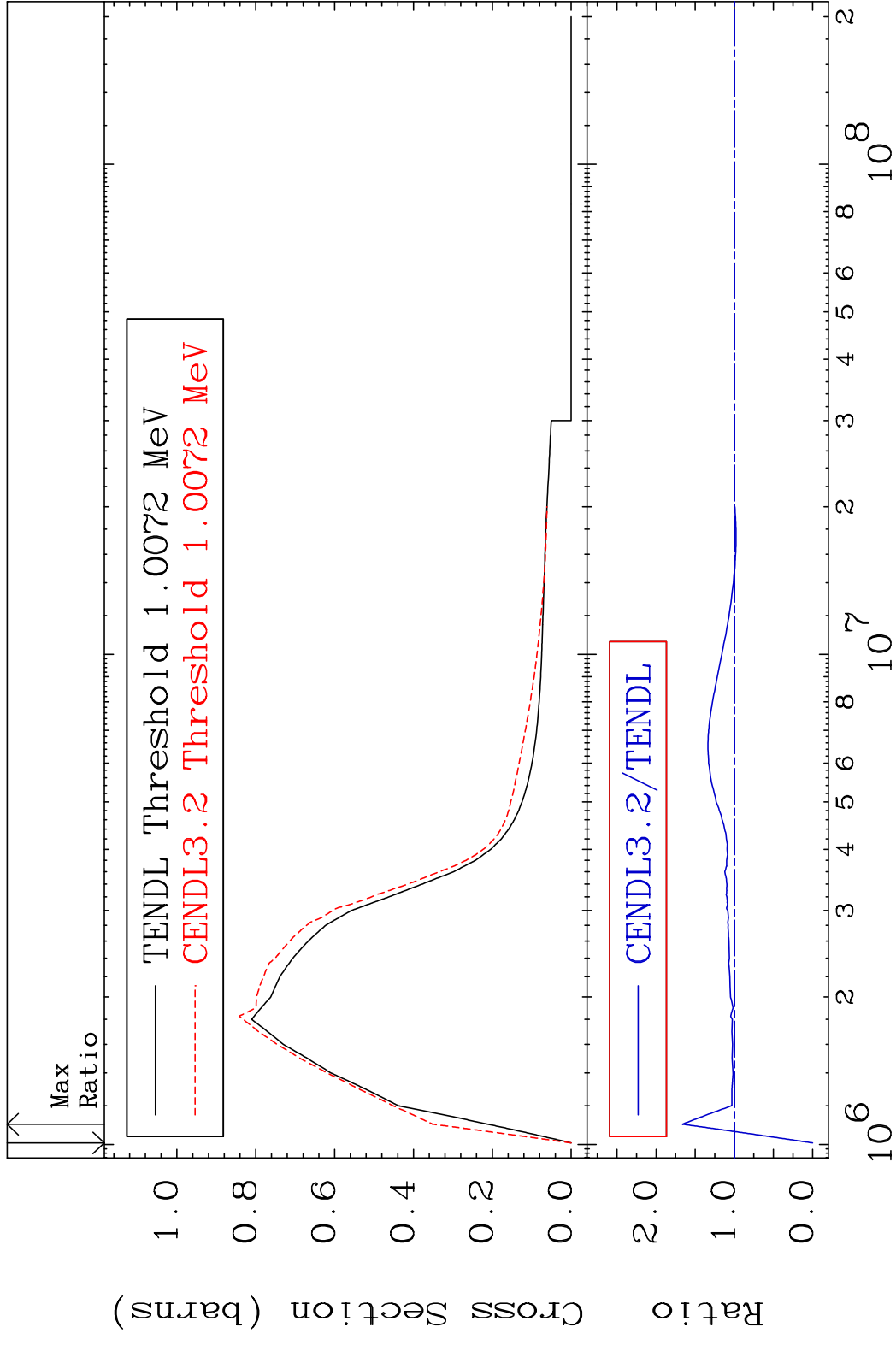


MAT 3025 (n, n') p 30-Zn-64
 Cross Section -100.0 To 24.67 %



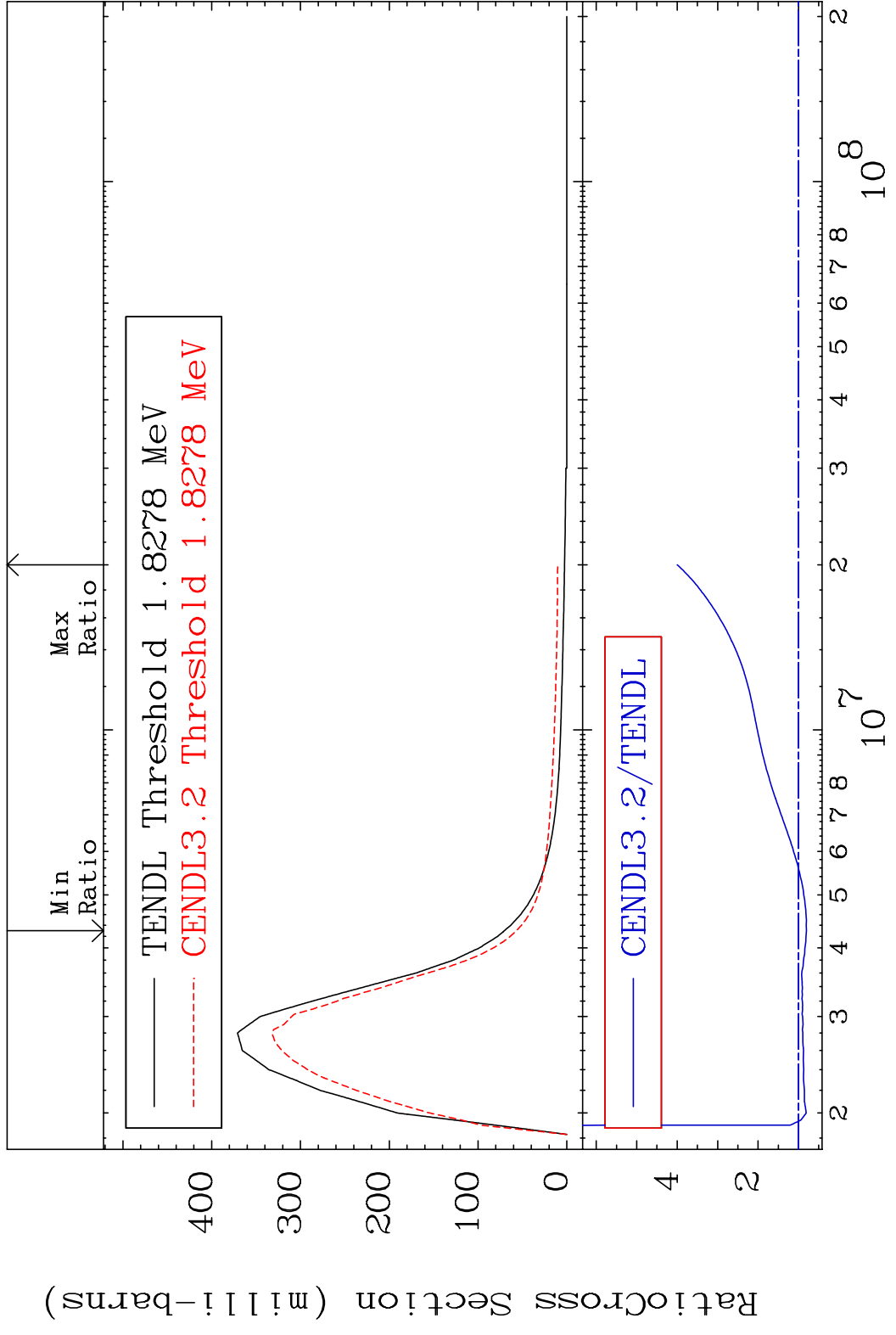
6 6 Incident Energy (eV) 30-Zn-64

MAT 3025 MT= 51 (n,n') Level 30-Zn-64
 Cross Section -100.0 To 66.42 %



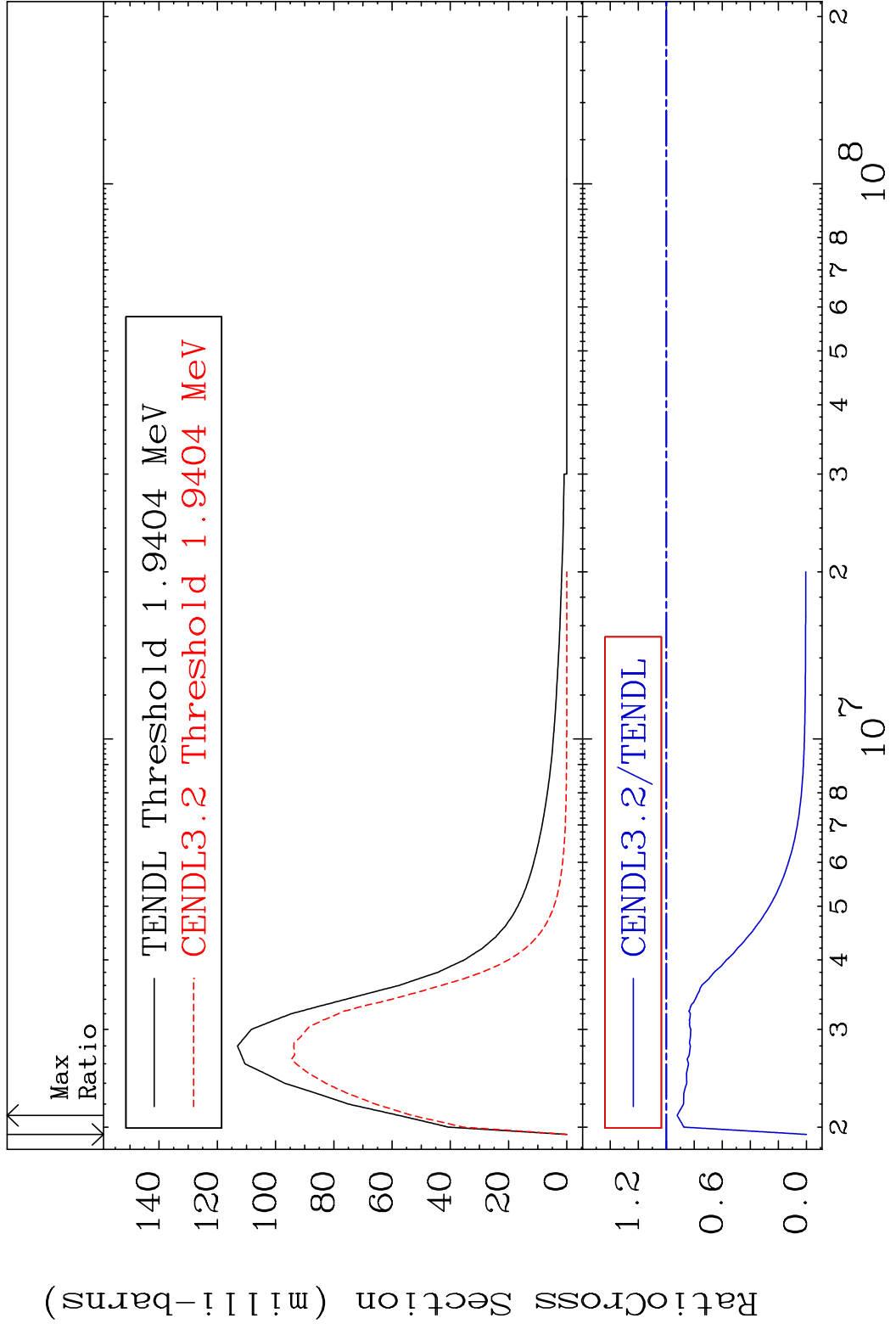
7 Incident Energy (eV) 30-Zn-64

MAT 3025 MT= 52 (n, n') Level 30-Zn-64
 Cross Section -19.49 To 300.0 %

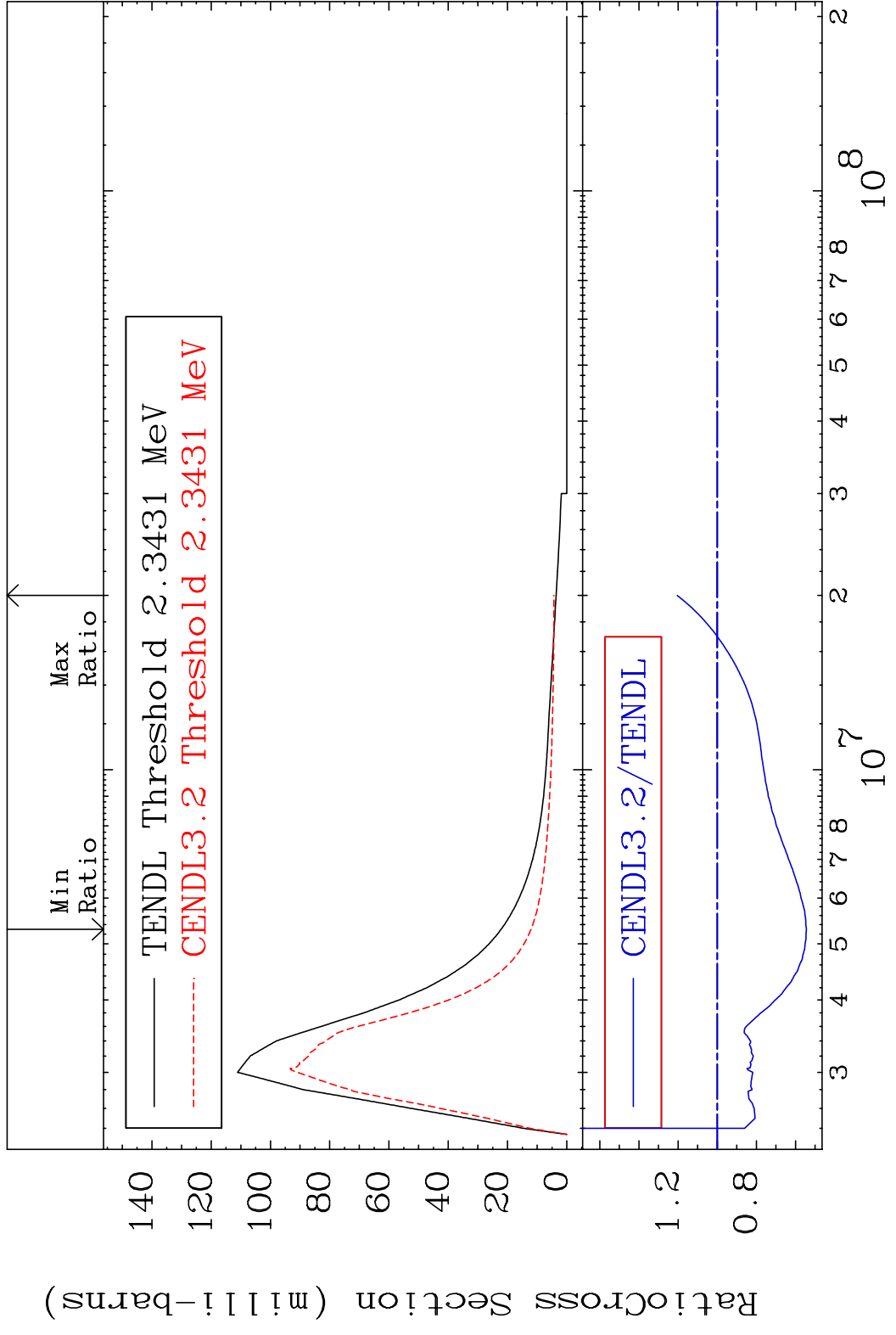


8 Incident Energy (eV) 30-Zn-64

MAT 3025 MT= 53 (n, n') Level 30-Zn-64
 Cross Section -100.0 To -7.794%

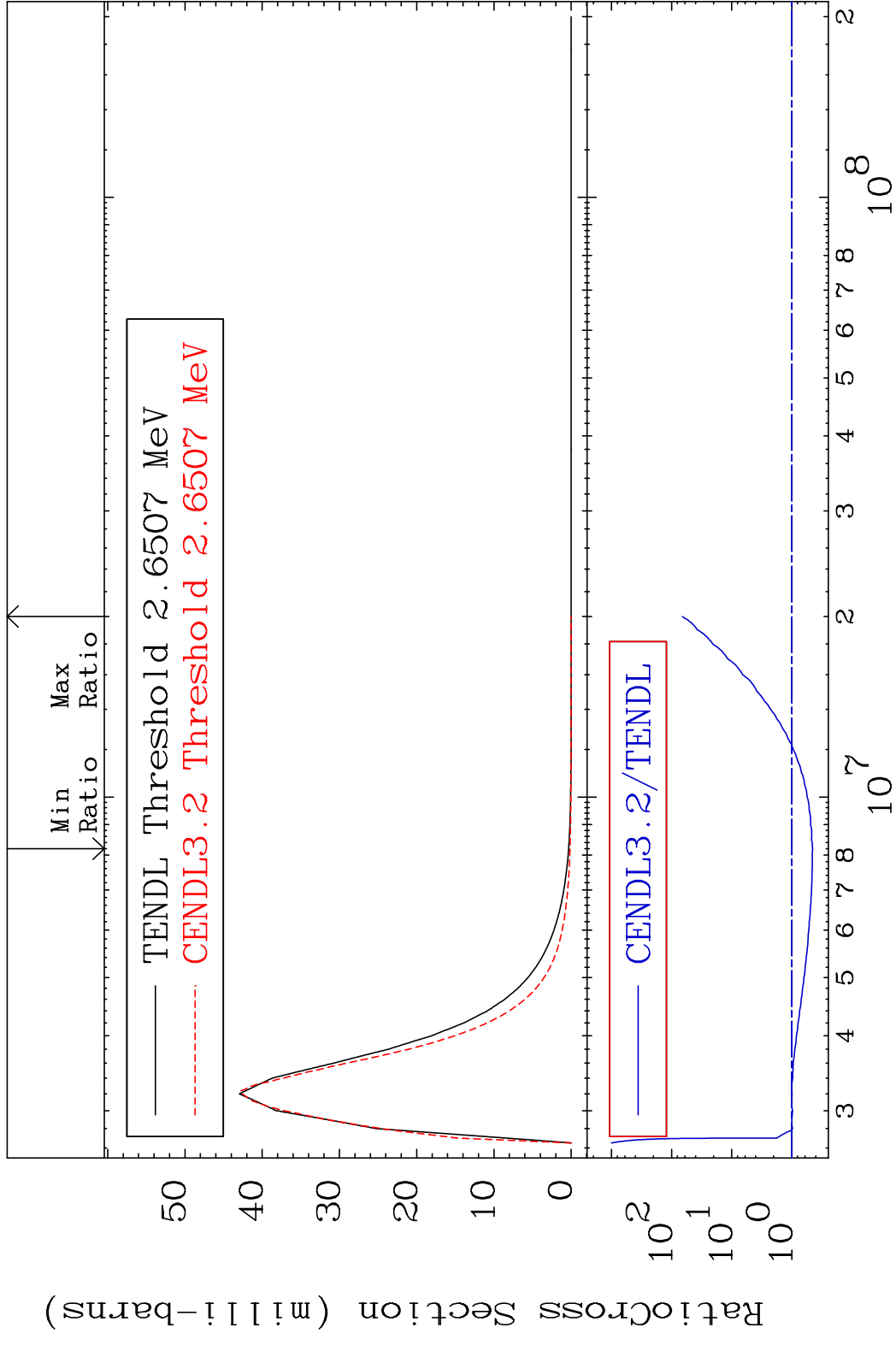


MAT 3025 MT= 54 (n, n') Level 30-Zn-64
 Cross Section -45.56 To 20.45 %

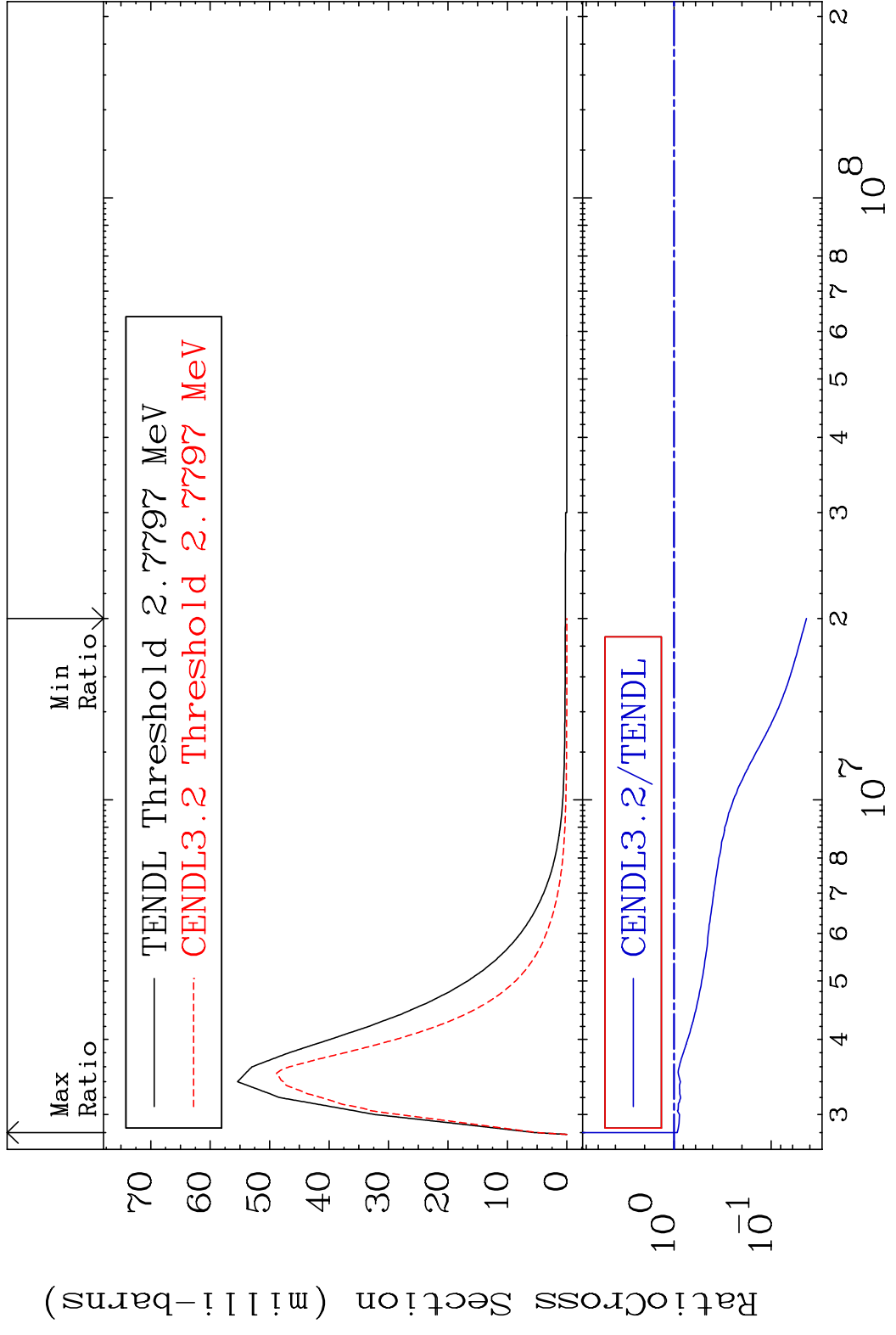


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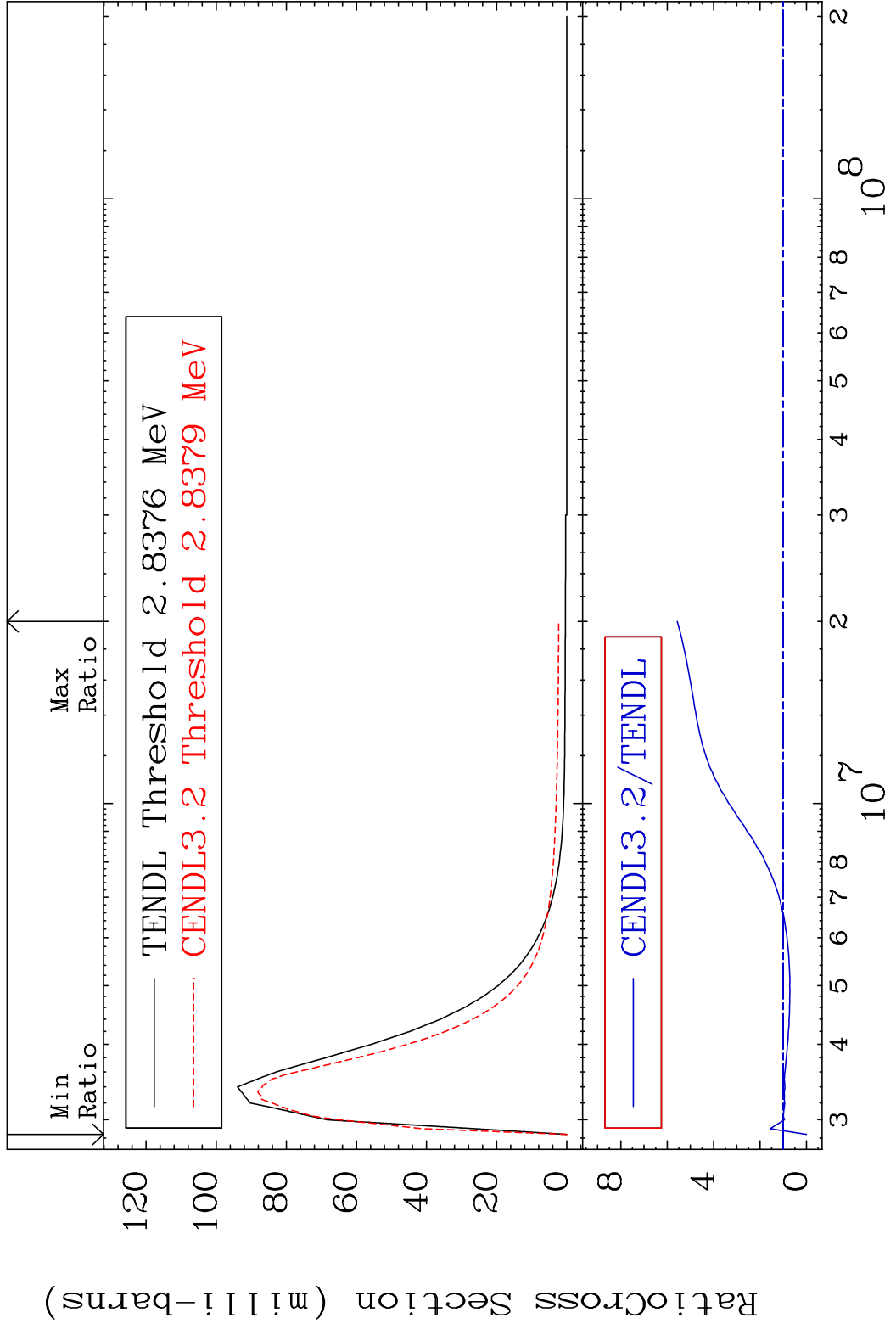
MAT 3025 MT= 55 (n, n') Level 30-Zn-64
 Cross Section -54.86 To 6529. %



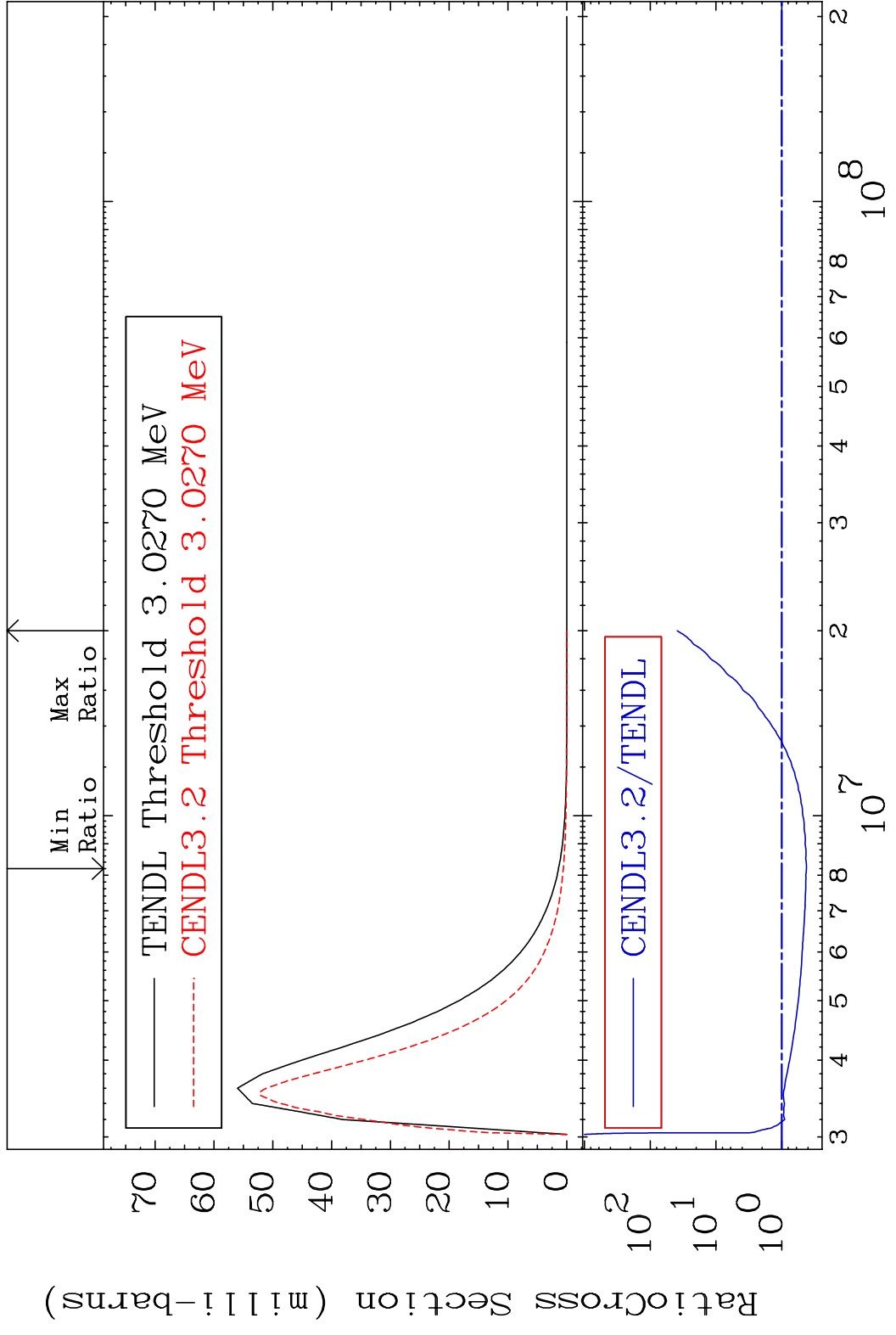
MAT 3025 MT= 56 (n,n') Level 30-Zn-64
 Cross Section -95.66 To -7.350%



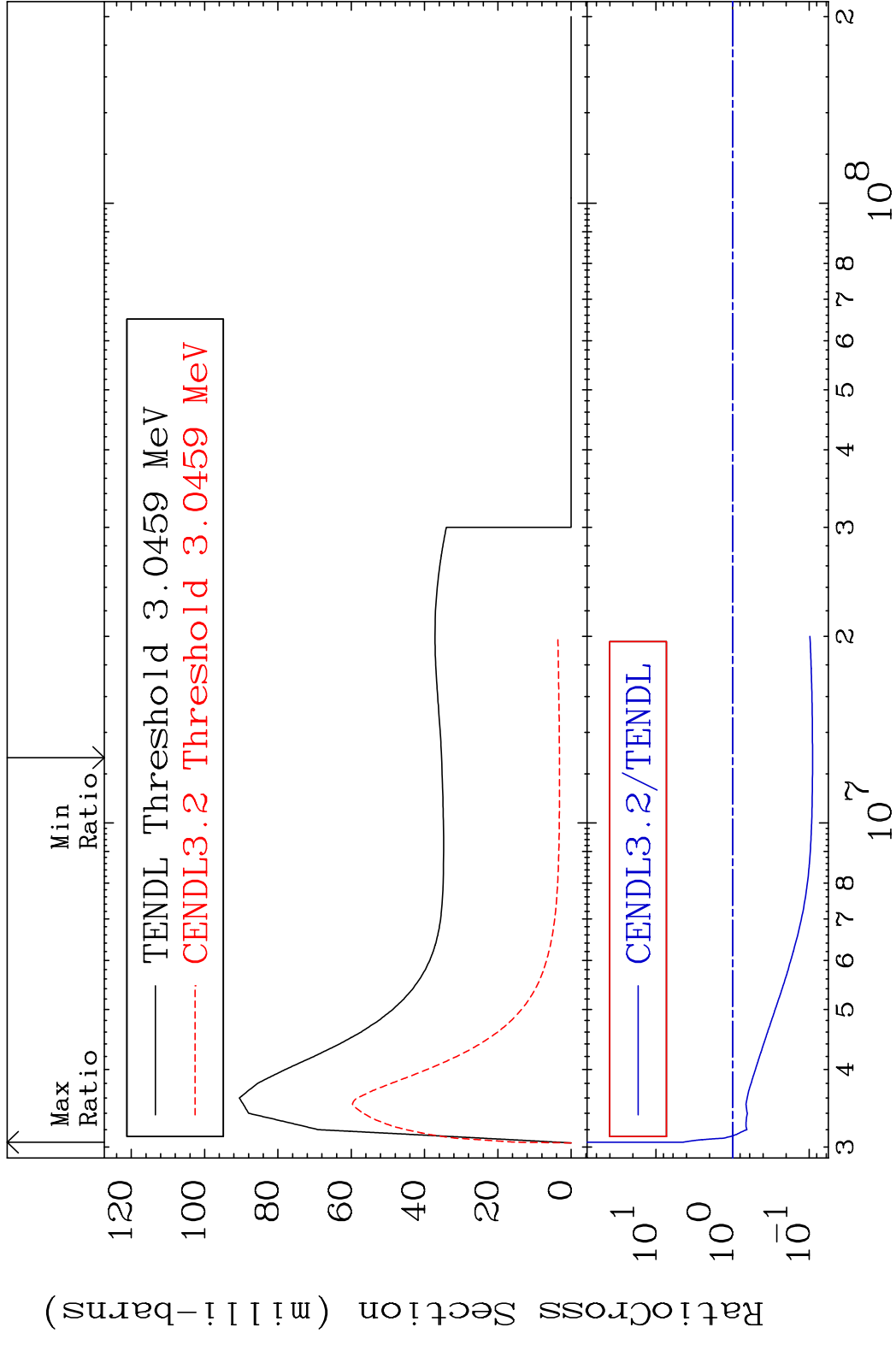
MAT 3025 MT= 57 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 457.0 %



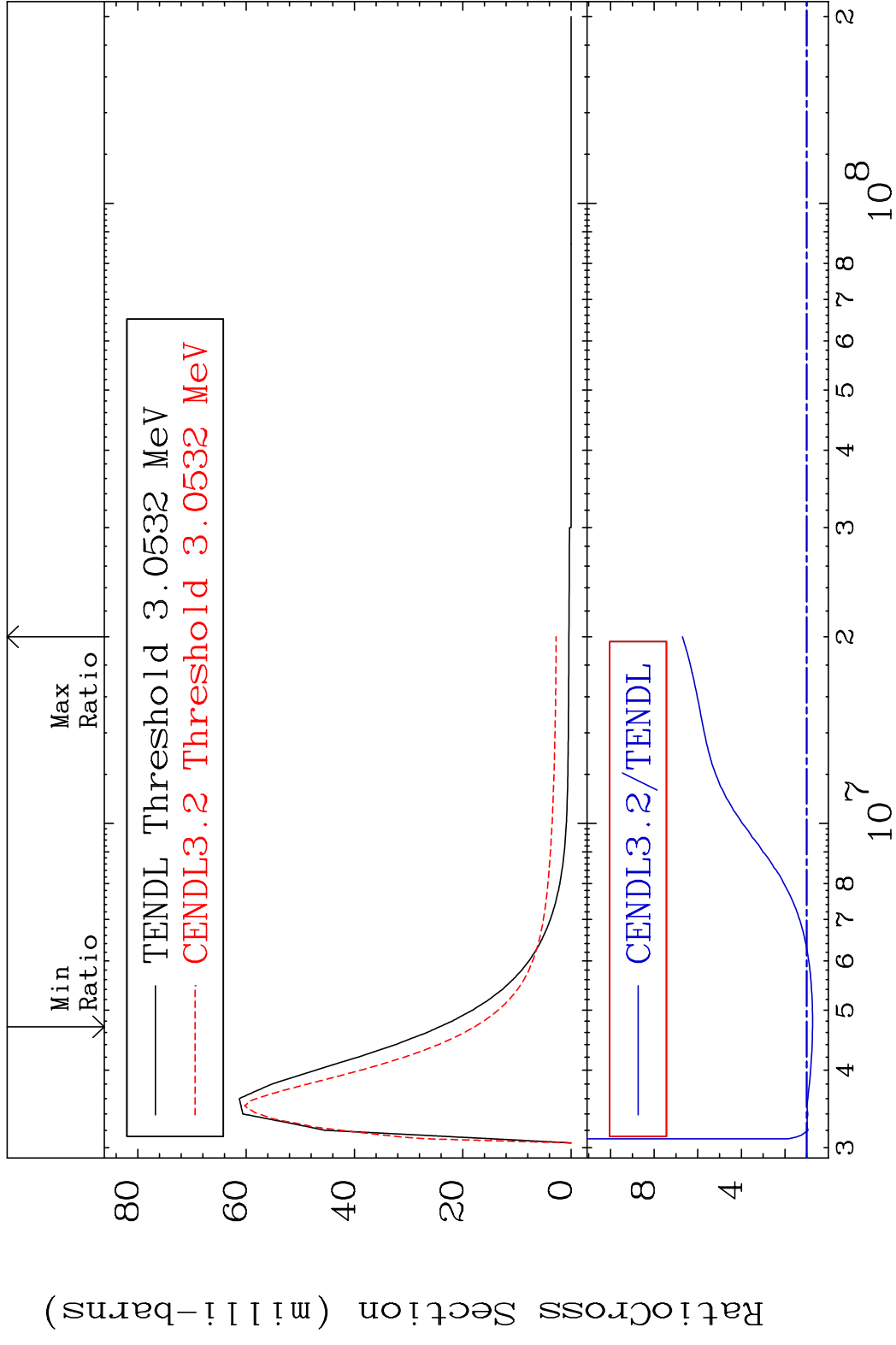
MAT 3025 MT= 58 (n, n') Level 30-Zn-64
 Cross Section -57.68 To 3789. %



MAT 3025 MT= 59 (n, n') Level 30-Zn-64
 Cross Section -90.95 To 353.1 %

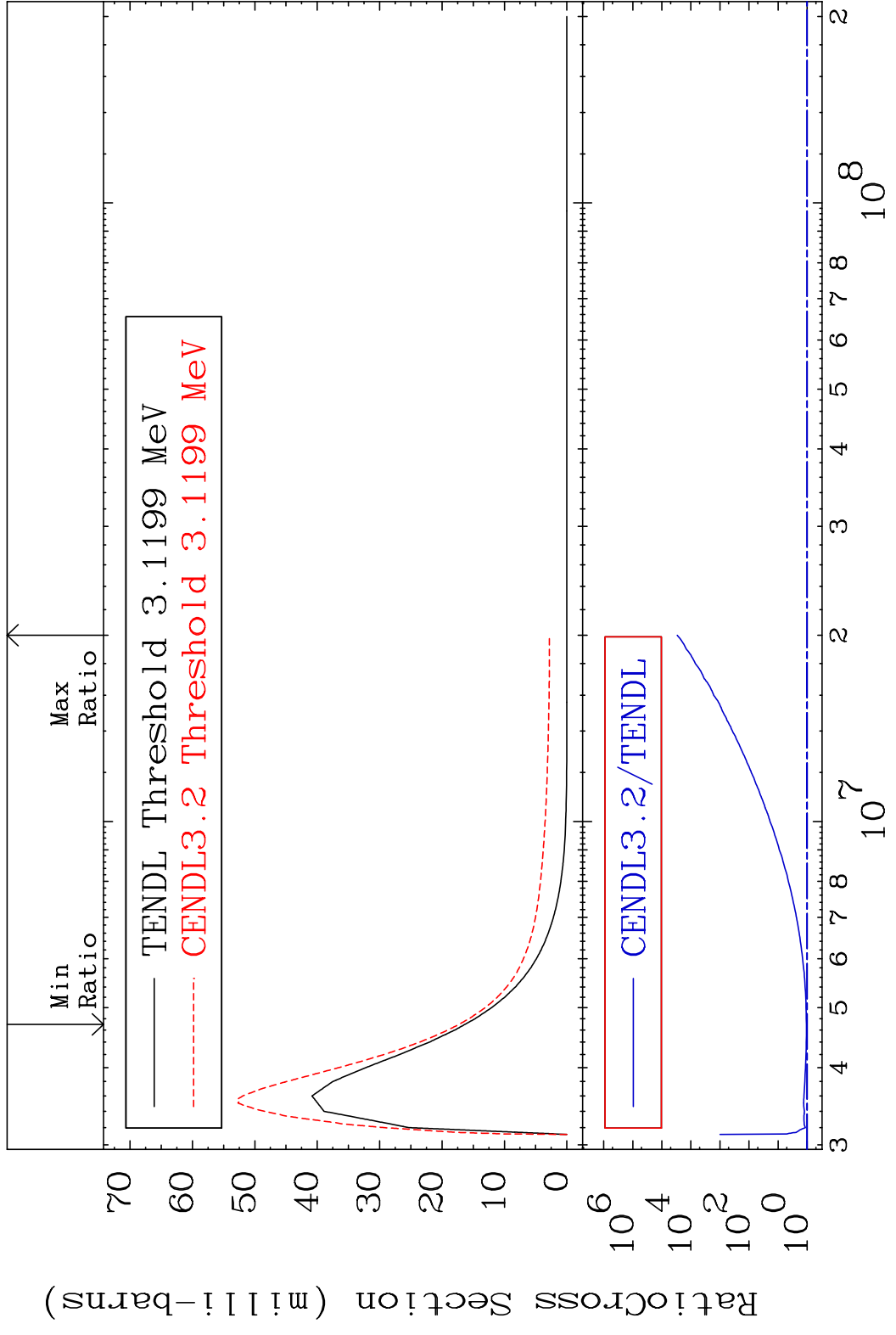


MAT 3025 MT= 60 (n, n') Level 30-Zn-64
 Cross Section -26.71 To 570.6 %

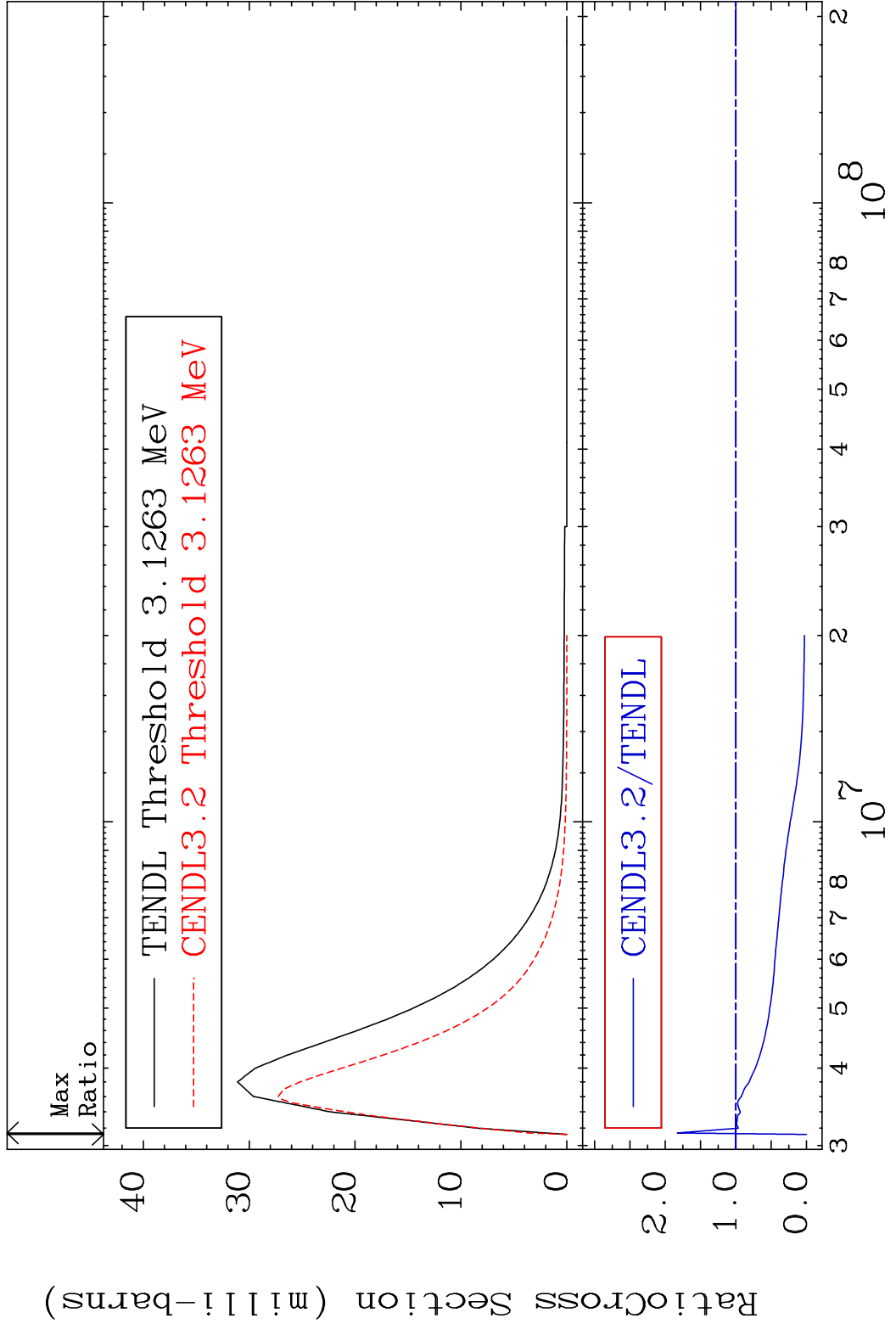


16 30-Zn-64

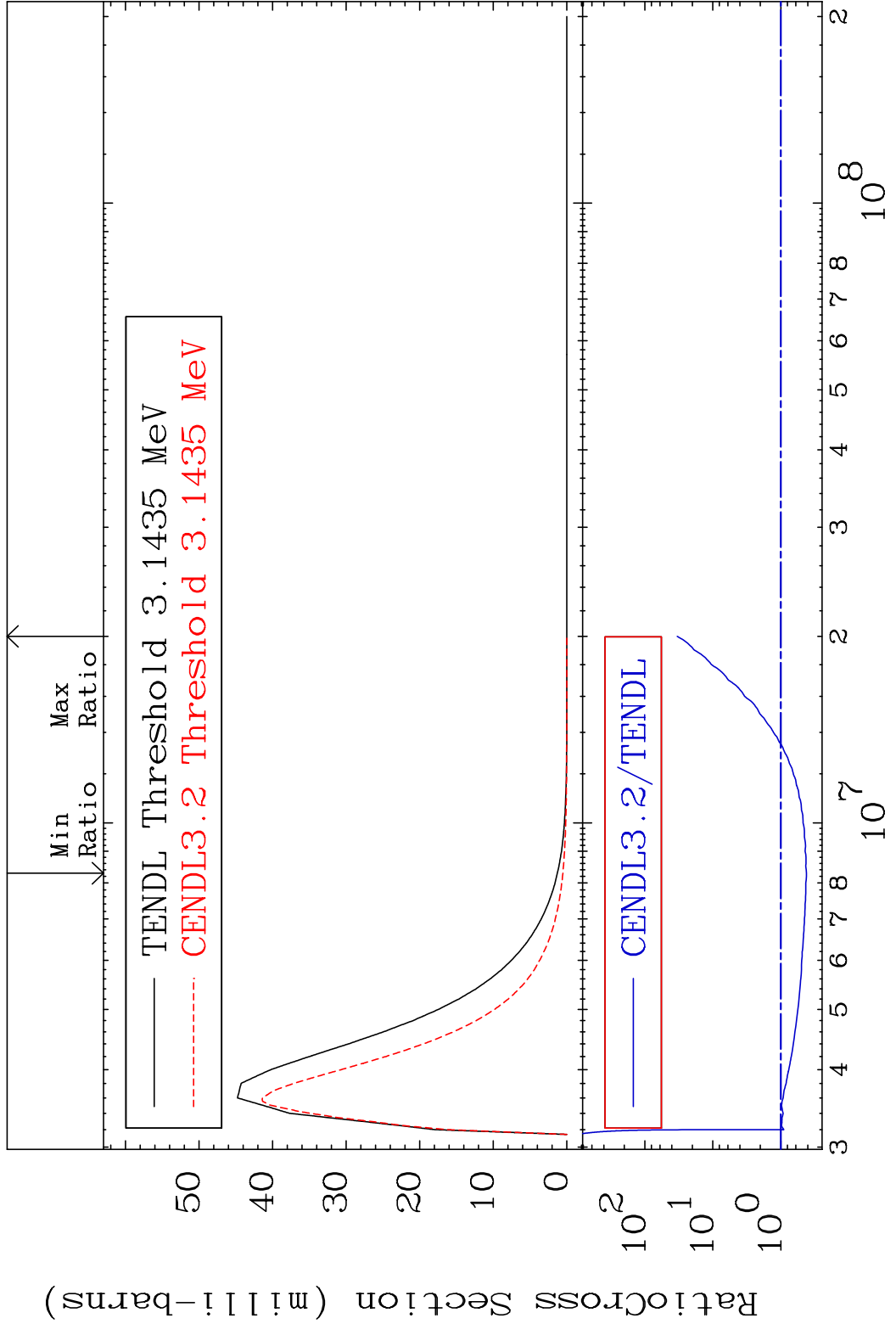
MAT 3025 MT= 61 (n, n') Level 30-Zn-64
 Cross Section 5.746 To 9999. %



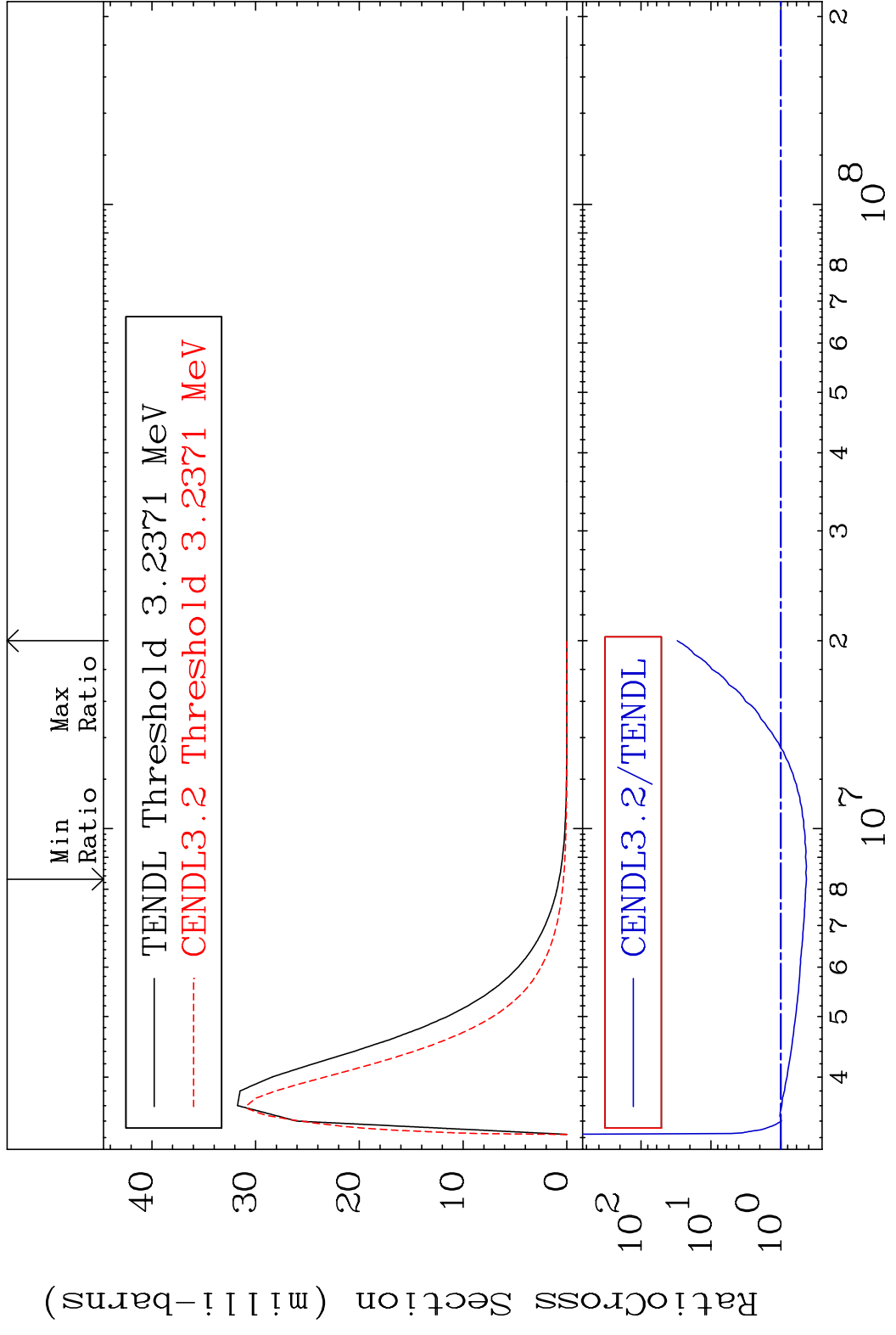
MAT 3025 MT= 62 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 82.94 %



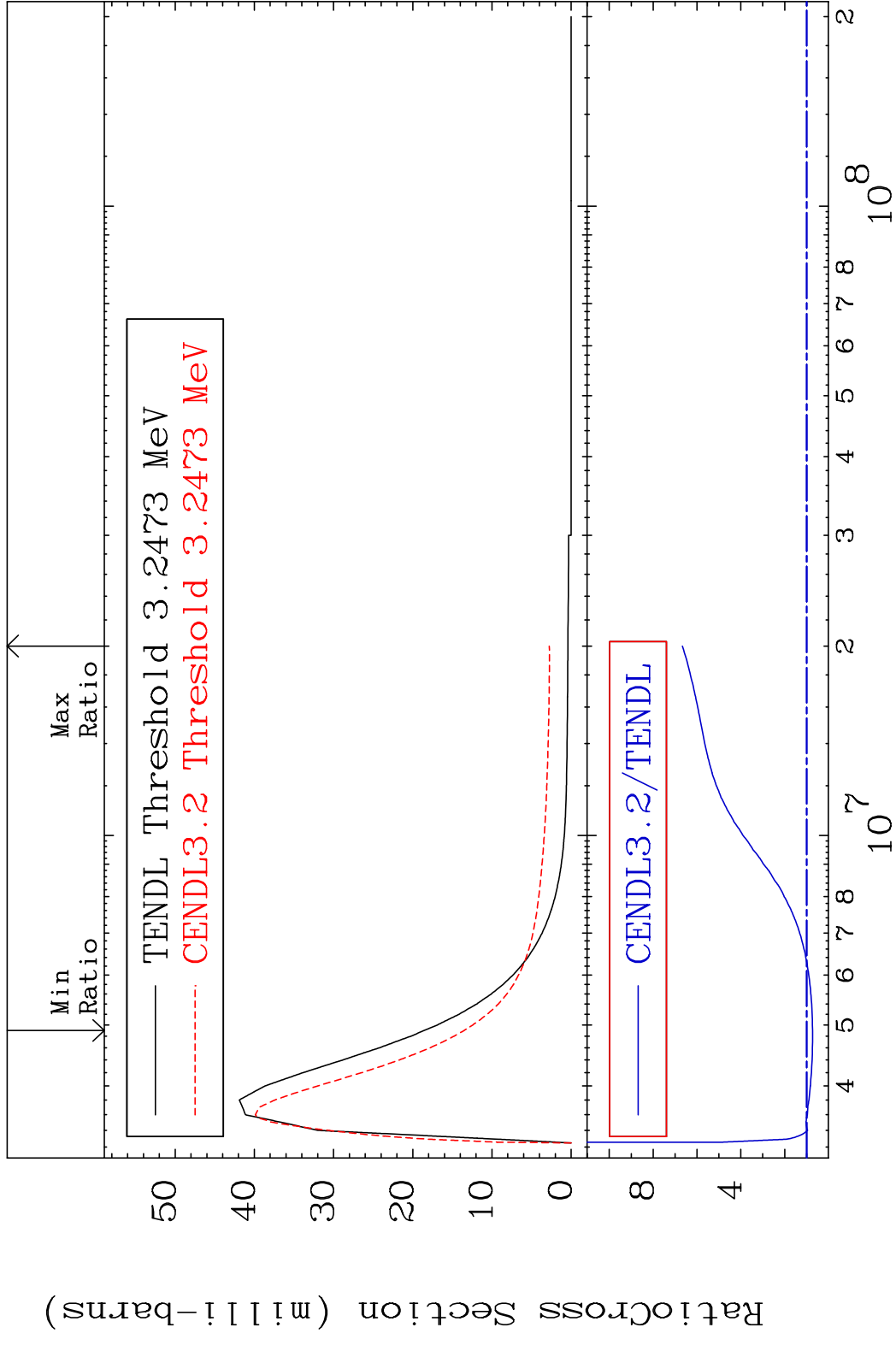
MAT 3025 MT= 63 (n, n') Level 30-Zn-64
 Cross Section -57.92 To 3243. %



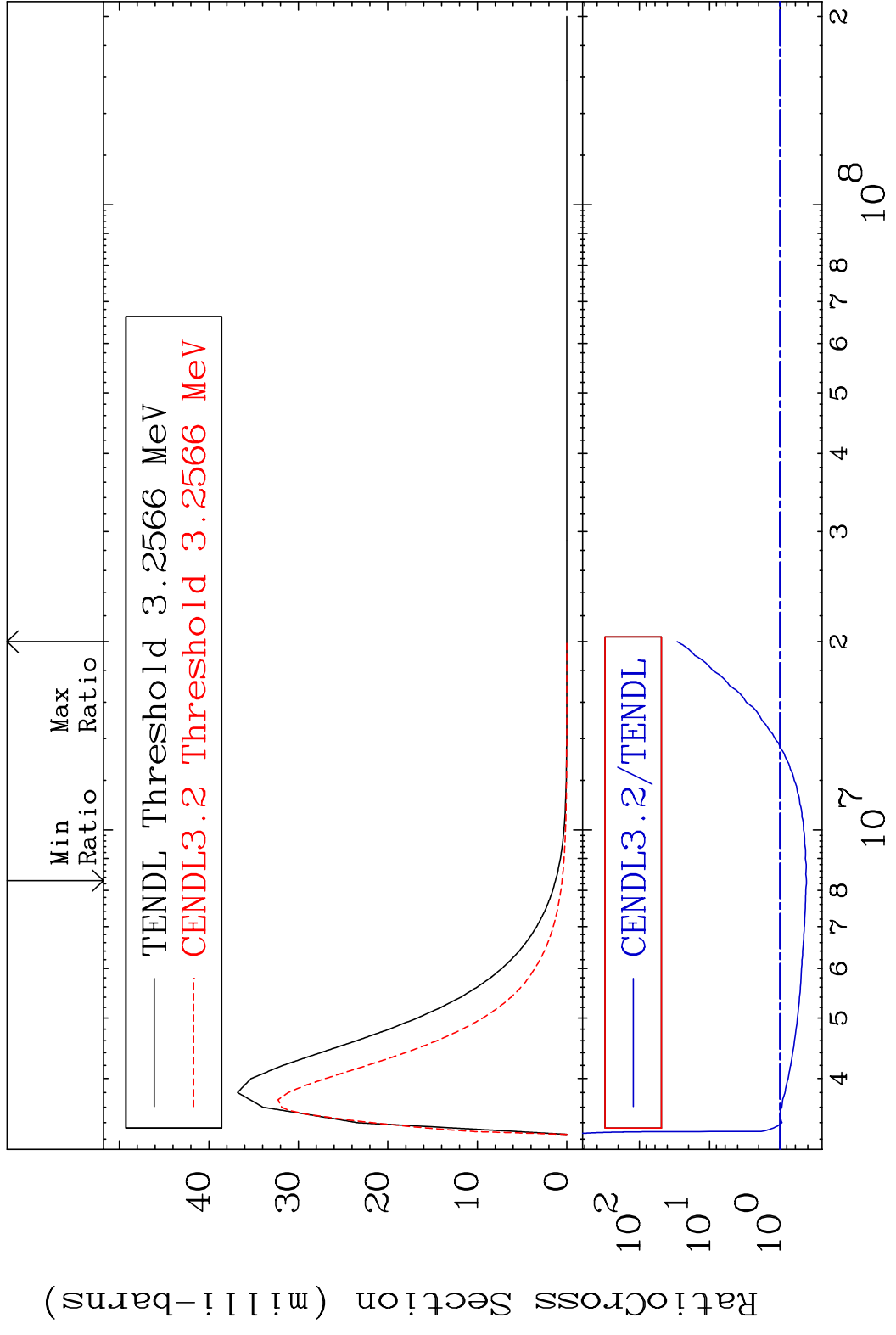
MAT 3025 MT= 64 (n, n') Level 30-Zn-64
 Cross Section -56.80 To 2938. %



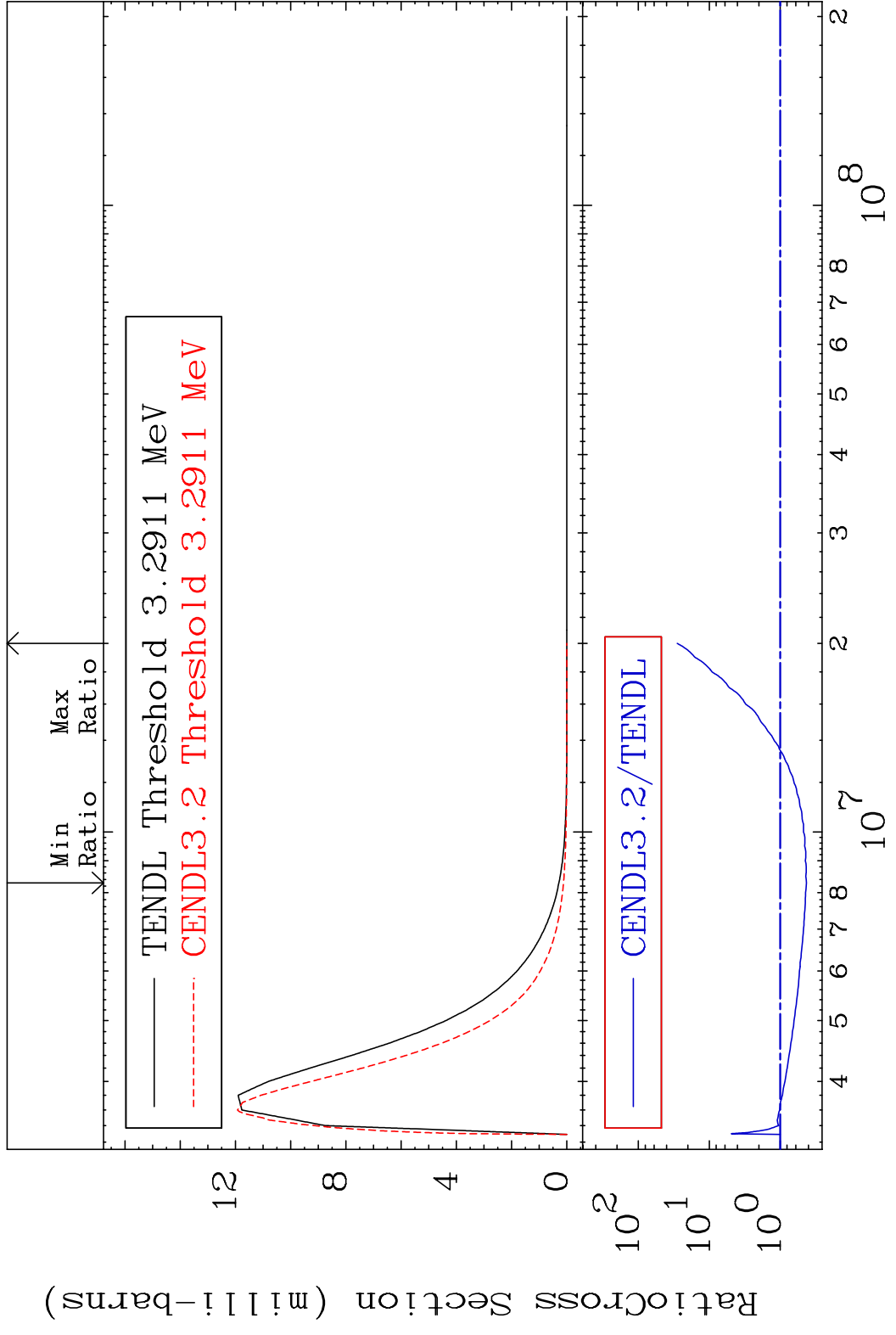
MAT 3025 MT= 65 (n, n') Level 30-Zn-64
 Cross Section -27.13 To 566.7 %



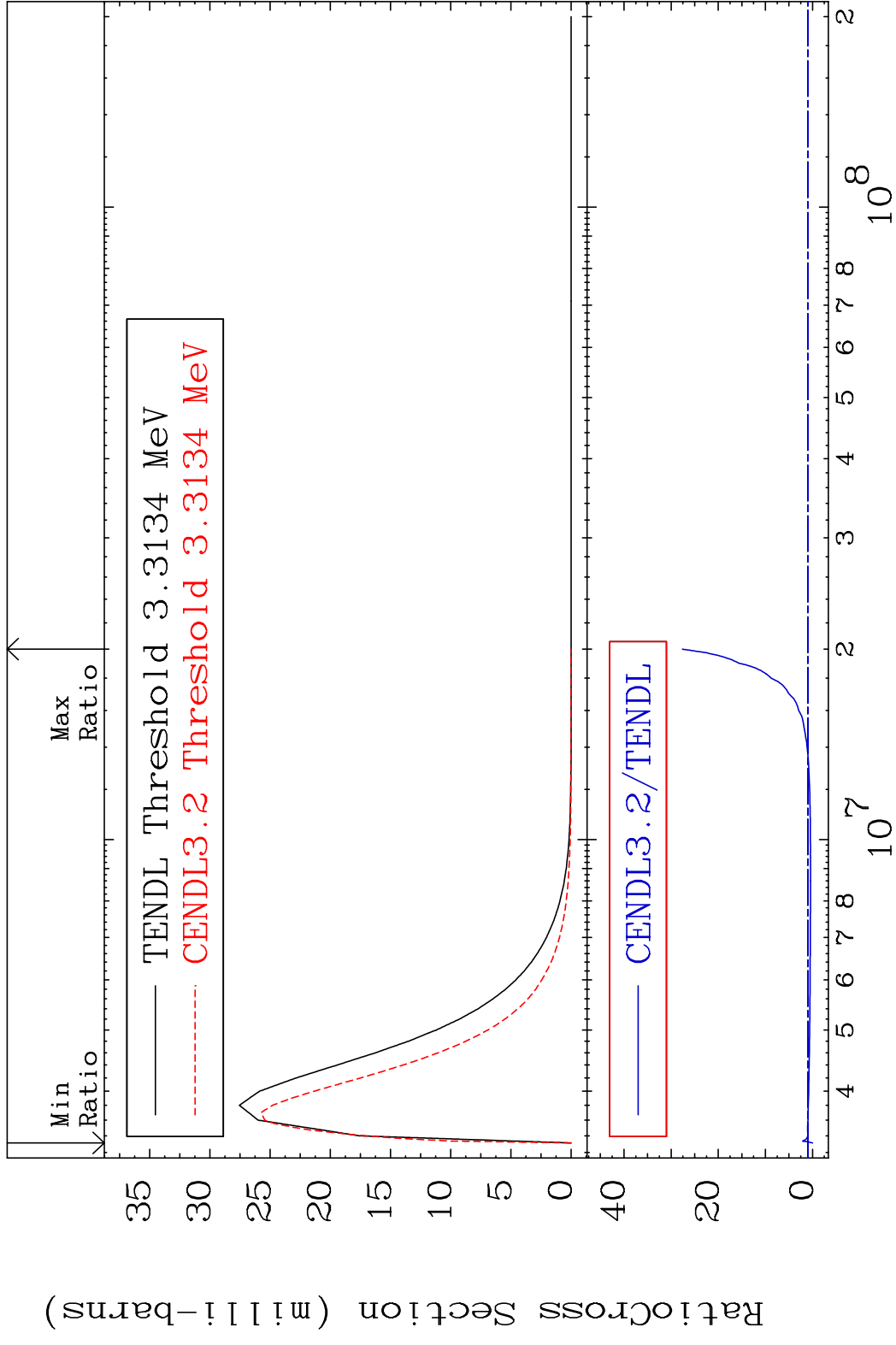
MAT 3025 MT= 66 (n, n') Level 30-Zn-64
 Cross Section -58.08 To 2796. %



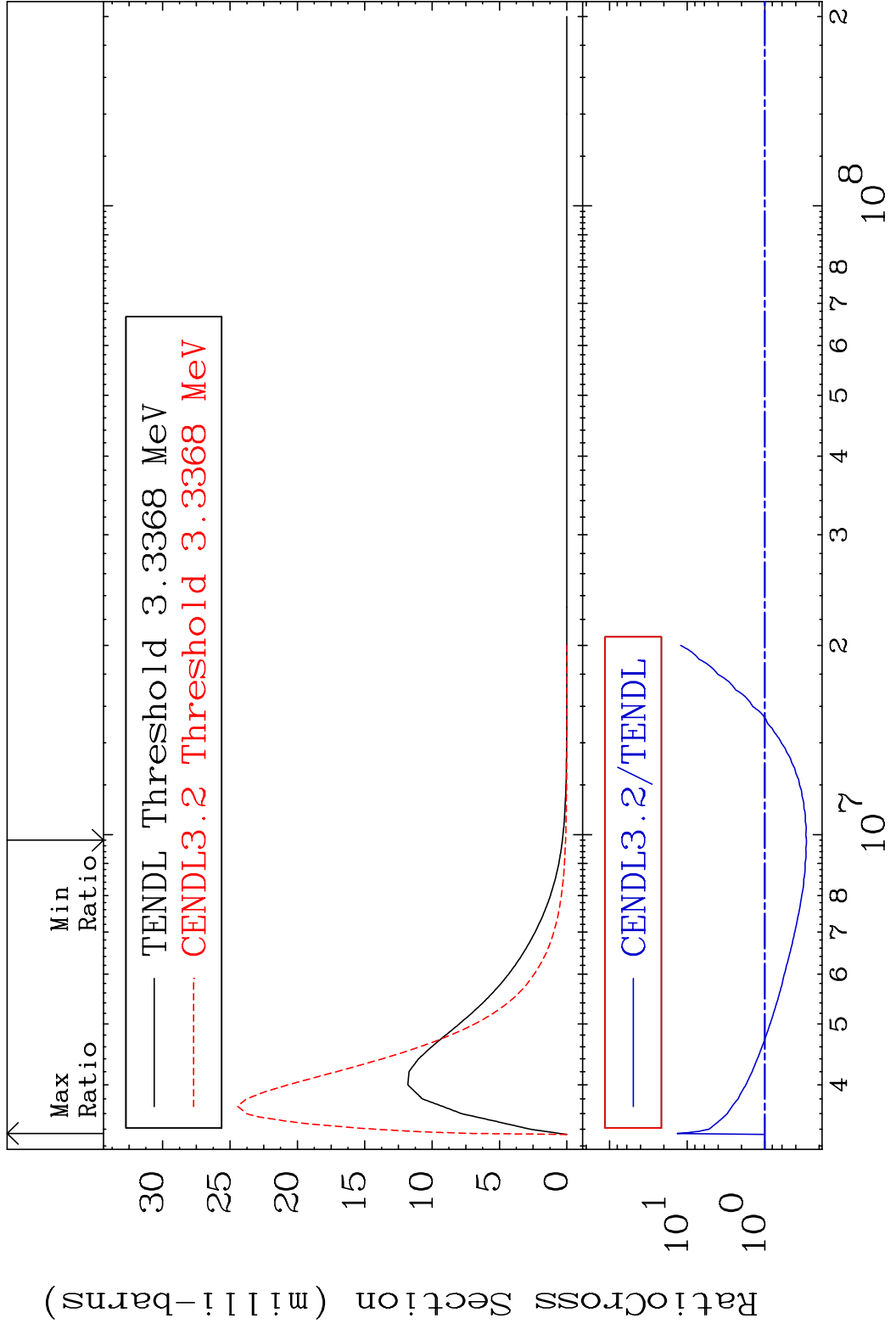
MAT 3025 MT= 67 (n, n') Level 30-Zn-64
 Cross Section -57.35 To 2734. %



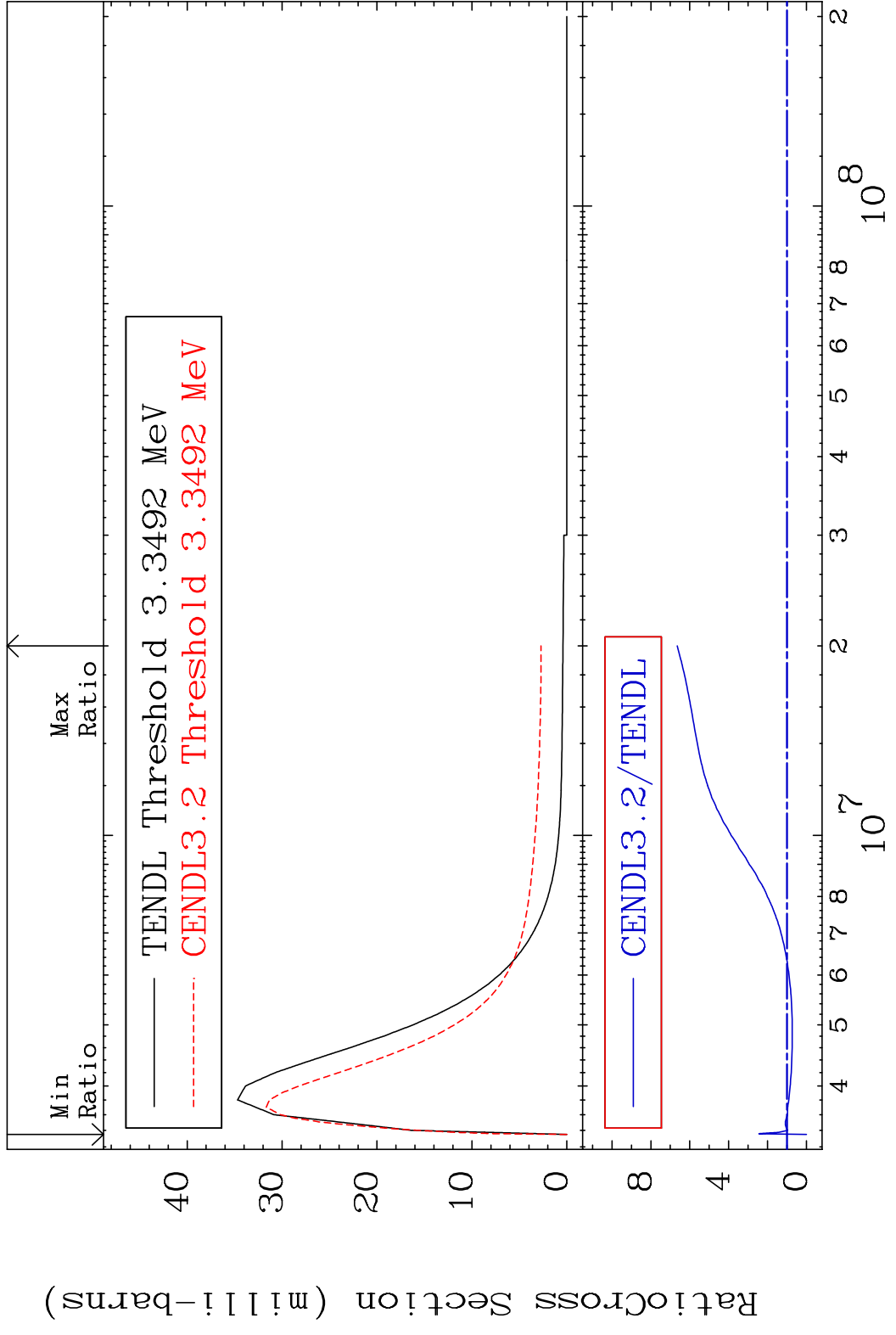
MAT 3025 MT= 68 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 2662. %



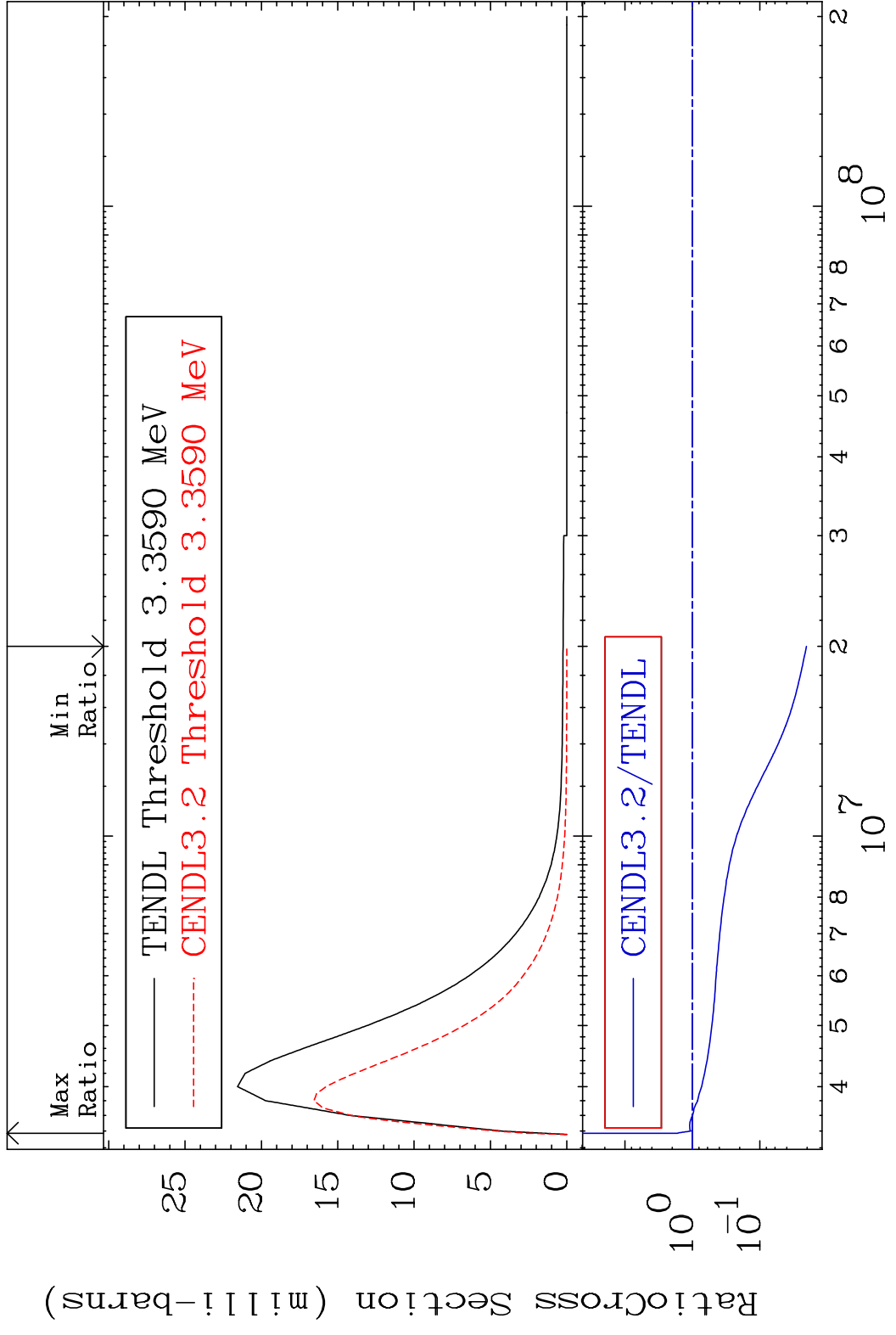
MAT 3025 MT= 69 (n,n') Level 30-Zn-64
 Cross Section -70.86 To 1248. %



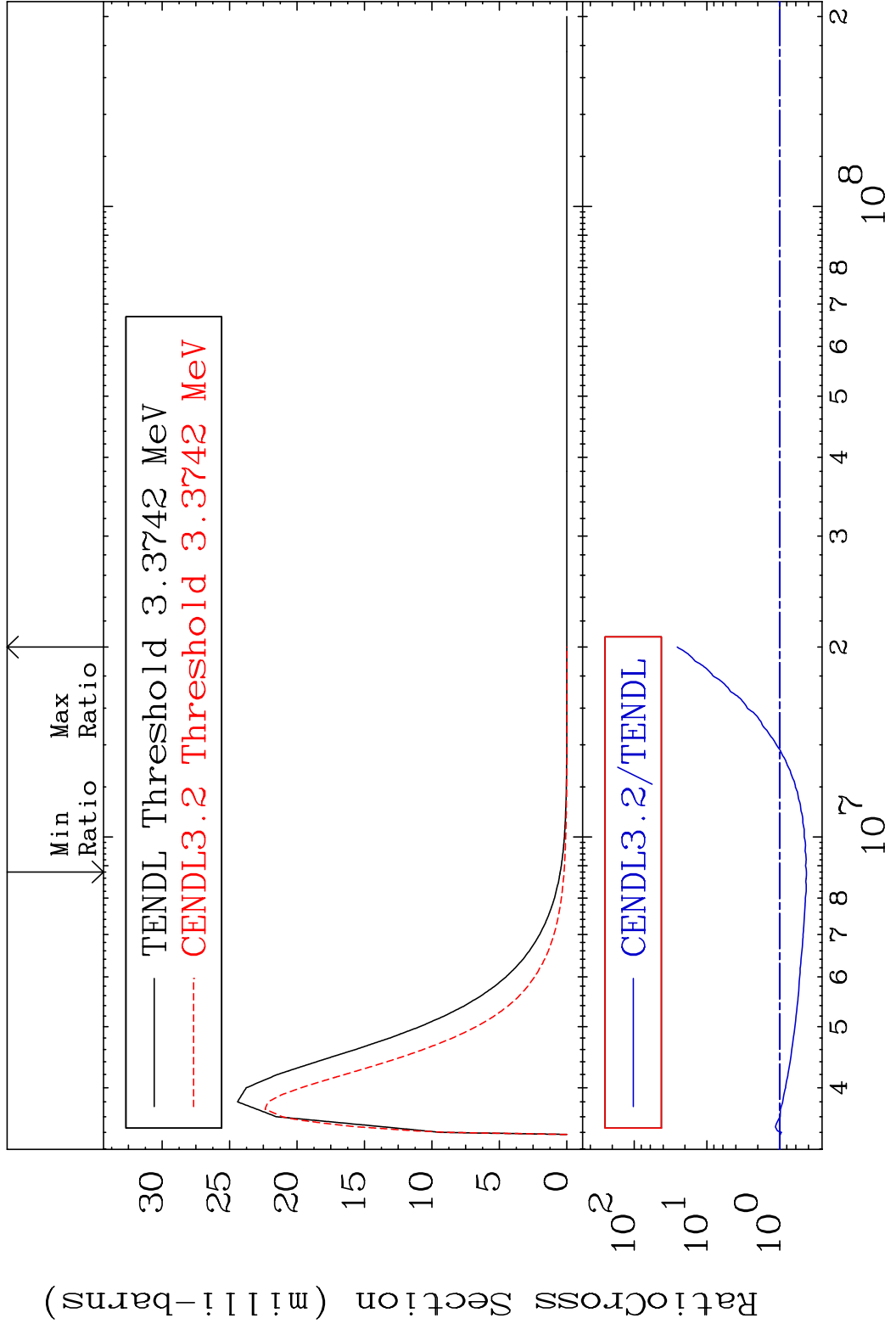
MAT 3025 MT= 70 (n,n') Level 30-Zn-64
 Cross Section -100.0 To 564.7 %



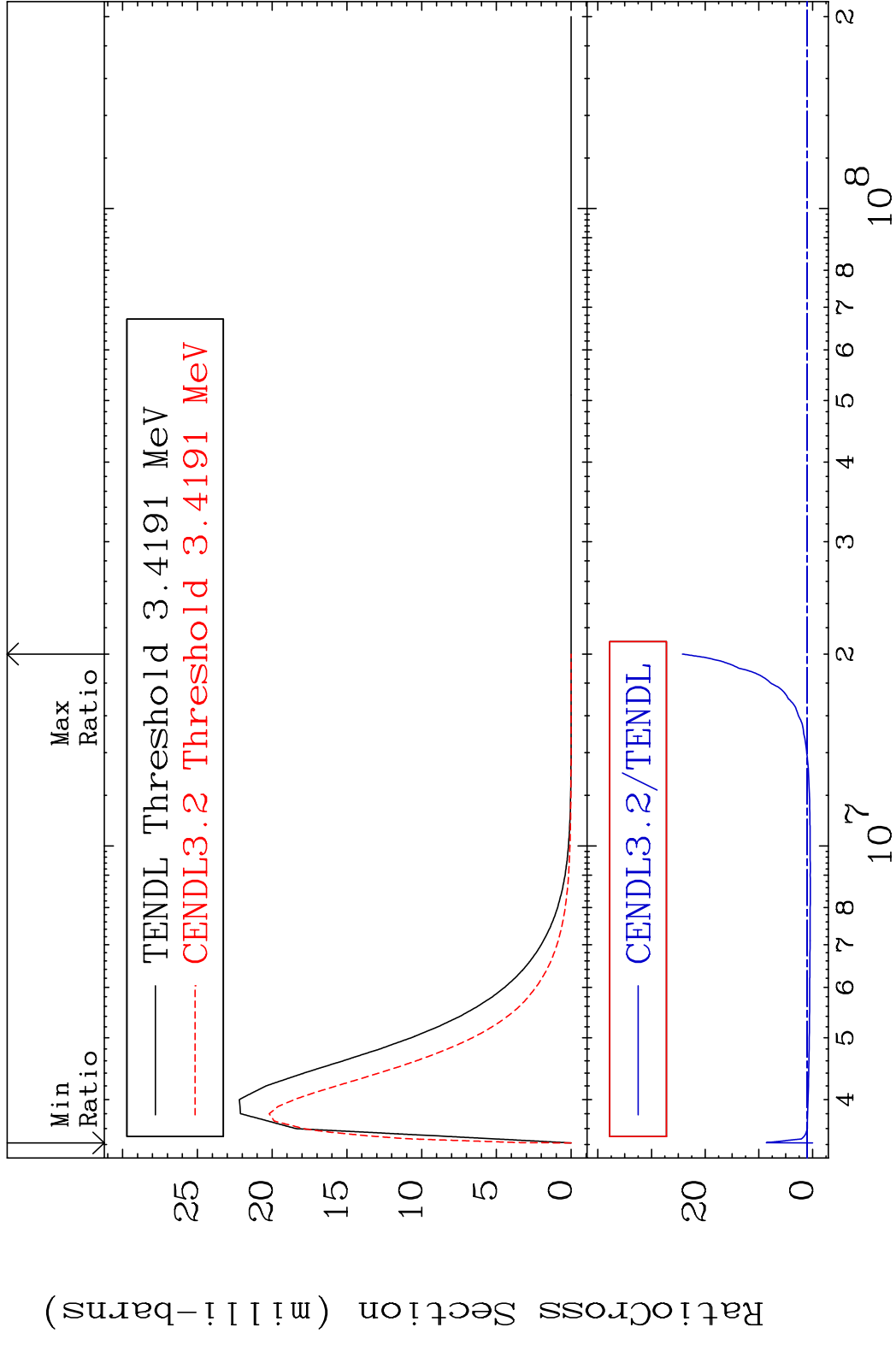
MAT 3025 MT= 71 (n,n') Level 30-Zn-64
 Cross Section -97.95 To 68.63 %



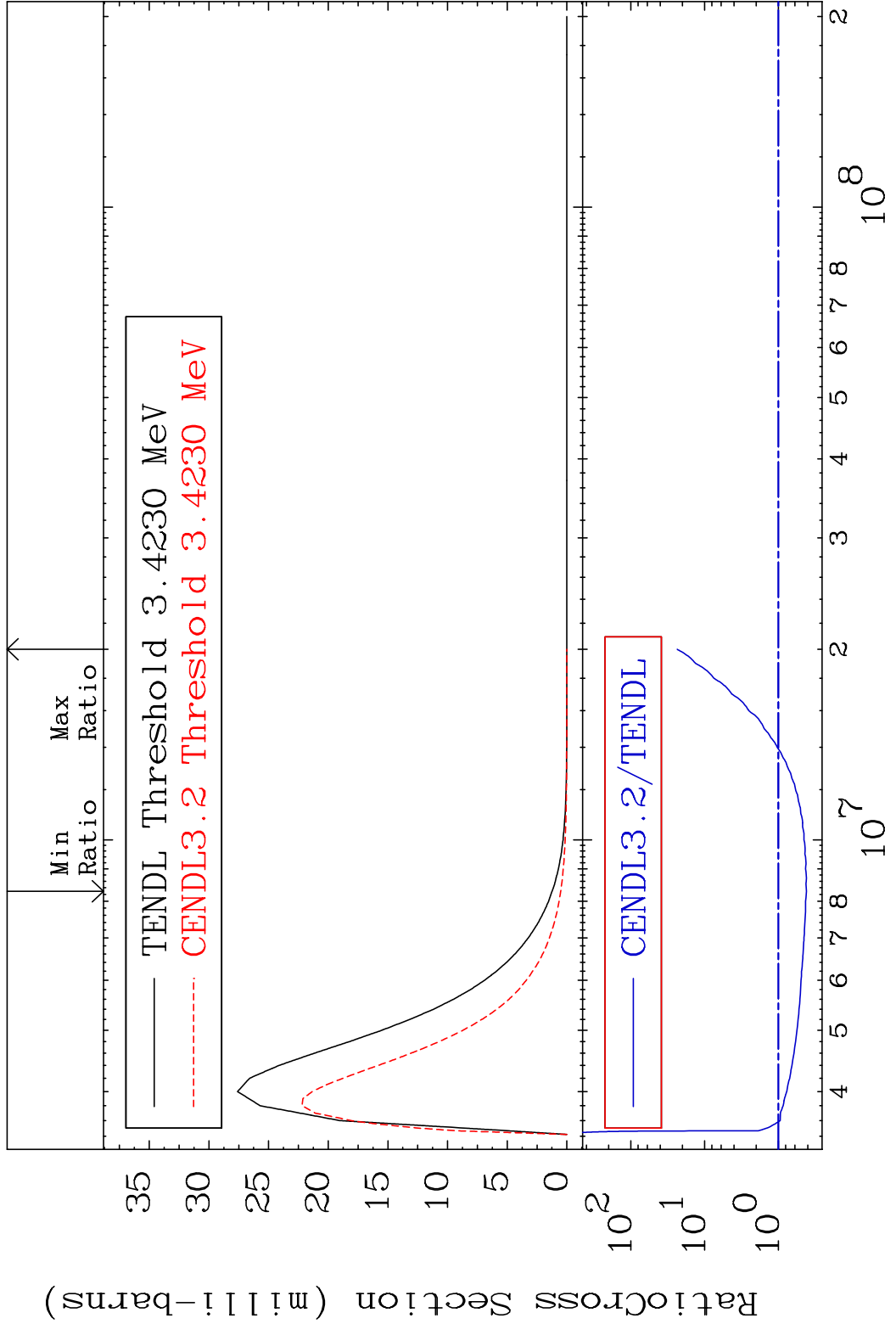
MAT 3025 MT= 72 (n,n') Level 30-Zn-64
 Cross Section -57.15 To 2462. %



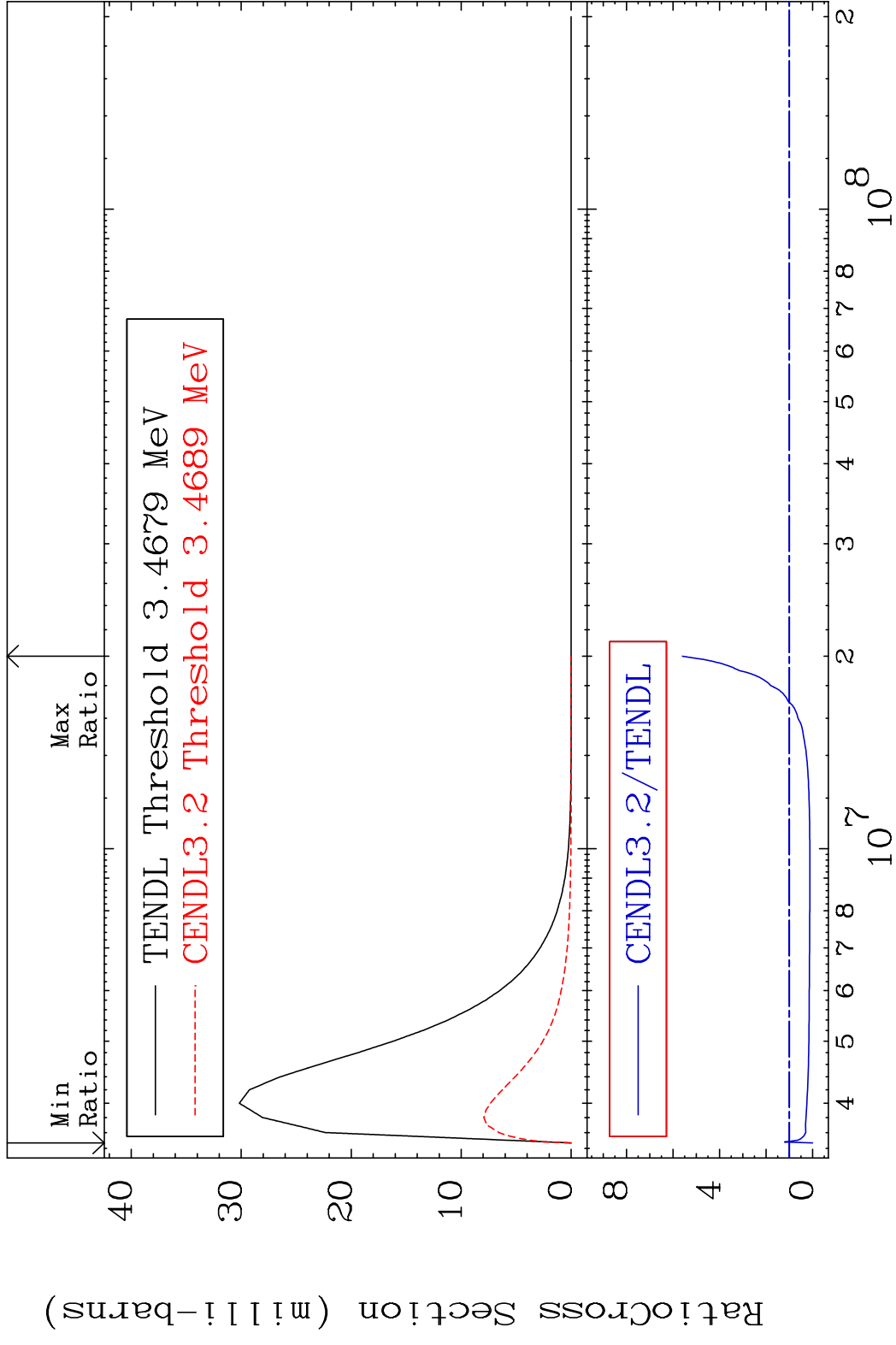
MAT 3025 MT= 73 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 2325. %



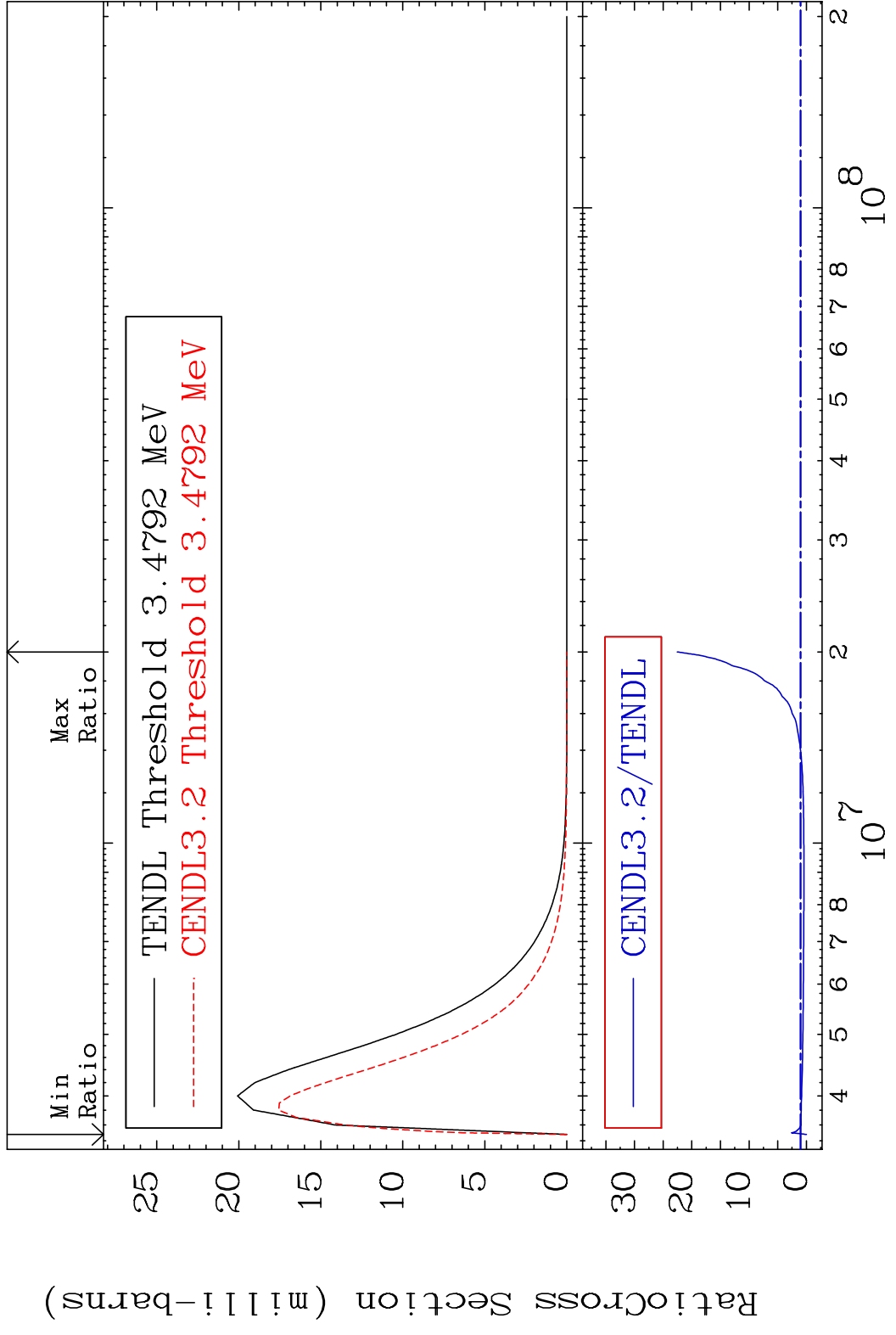
MAT 3025 MT= 74 (n,n') Level 30-Zn-64
 Cross Section -58.19 To 2258. %



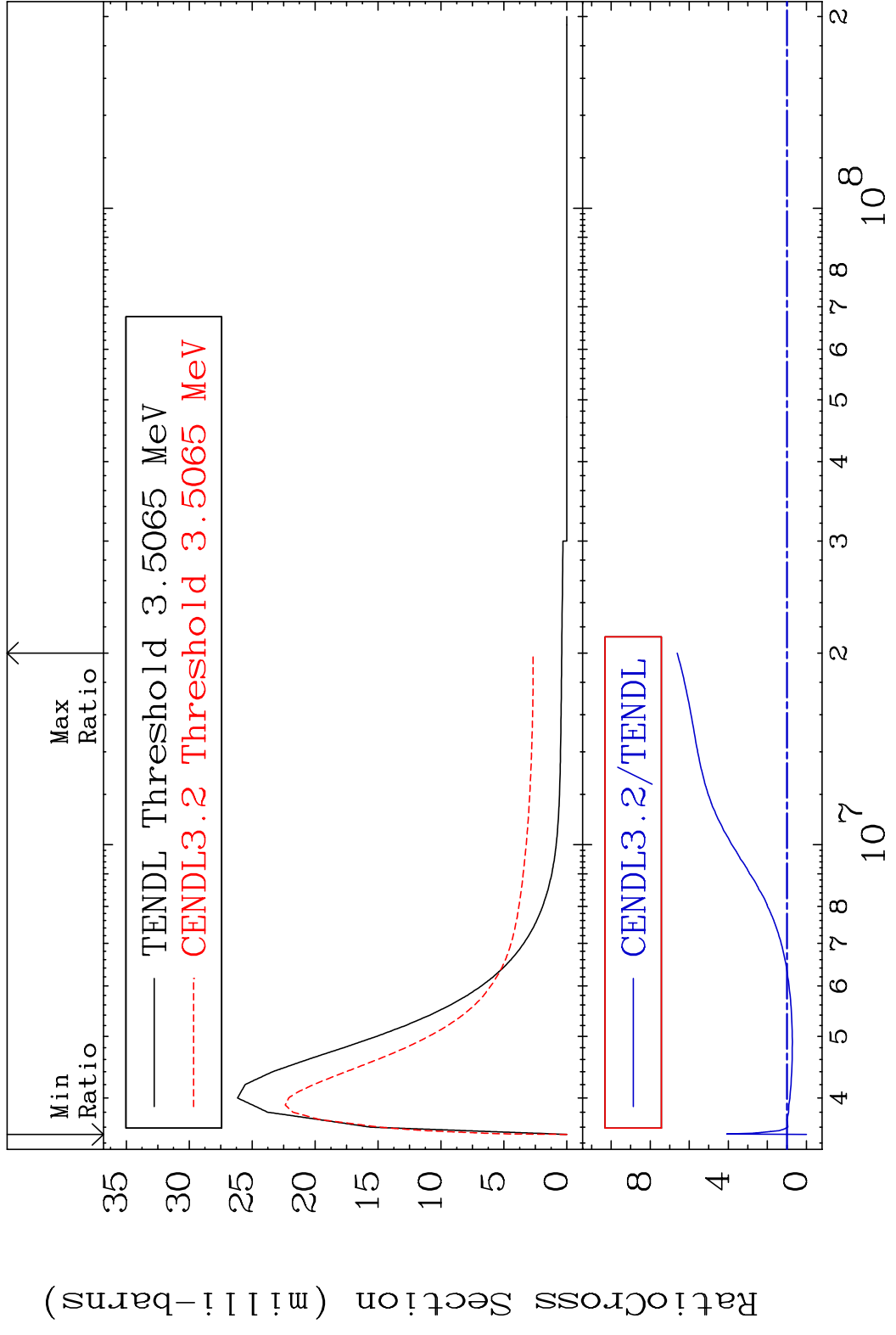
MAT 3025 MT= 75 (n,n') Level 30-Zn-64
 Cross Section -100.0 To 459.7 %



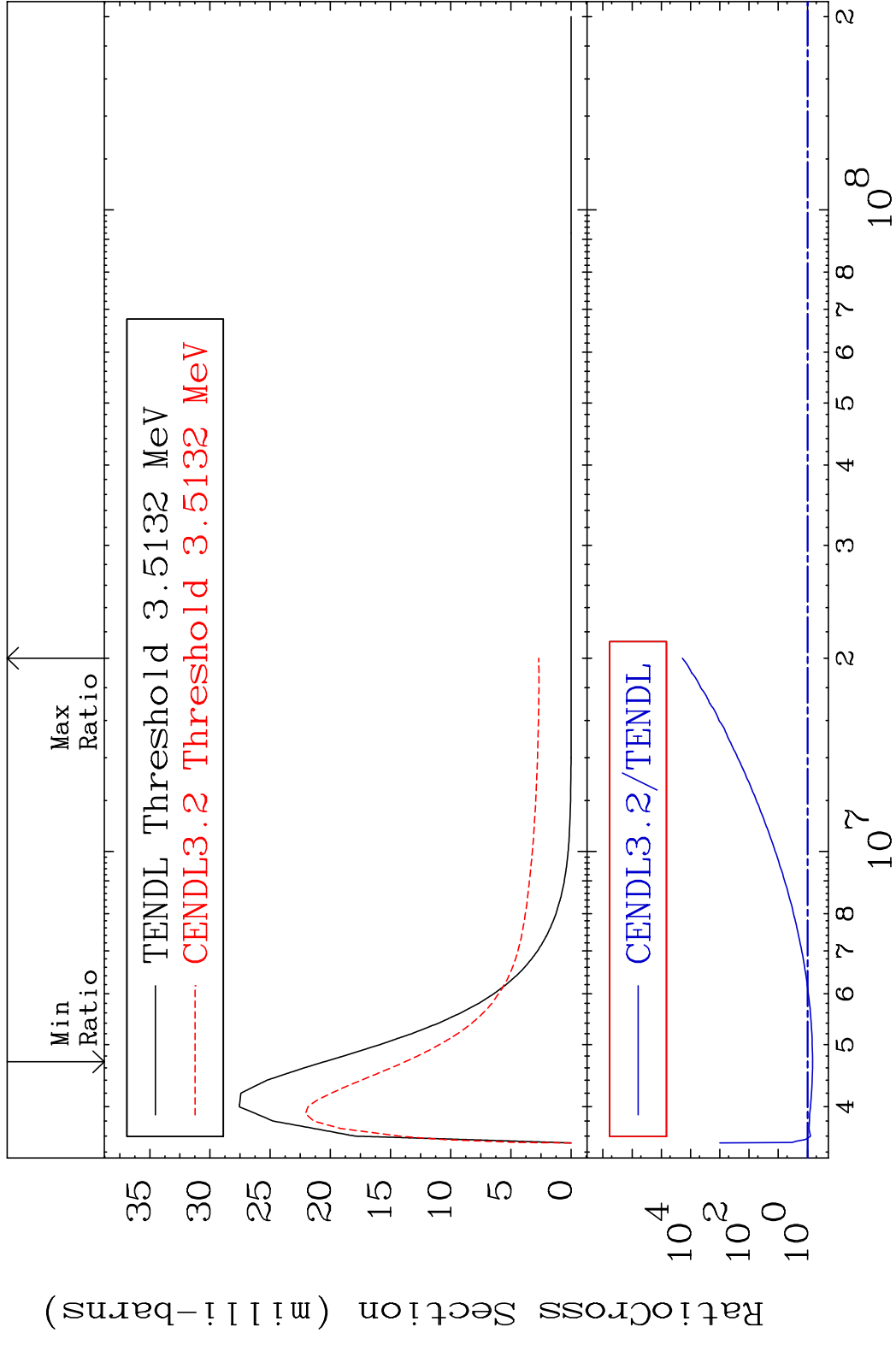
MAT 3025 MT= 76 (n,n') Level 30-Zn-64
 Cross Section -100.0 To 2155. %



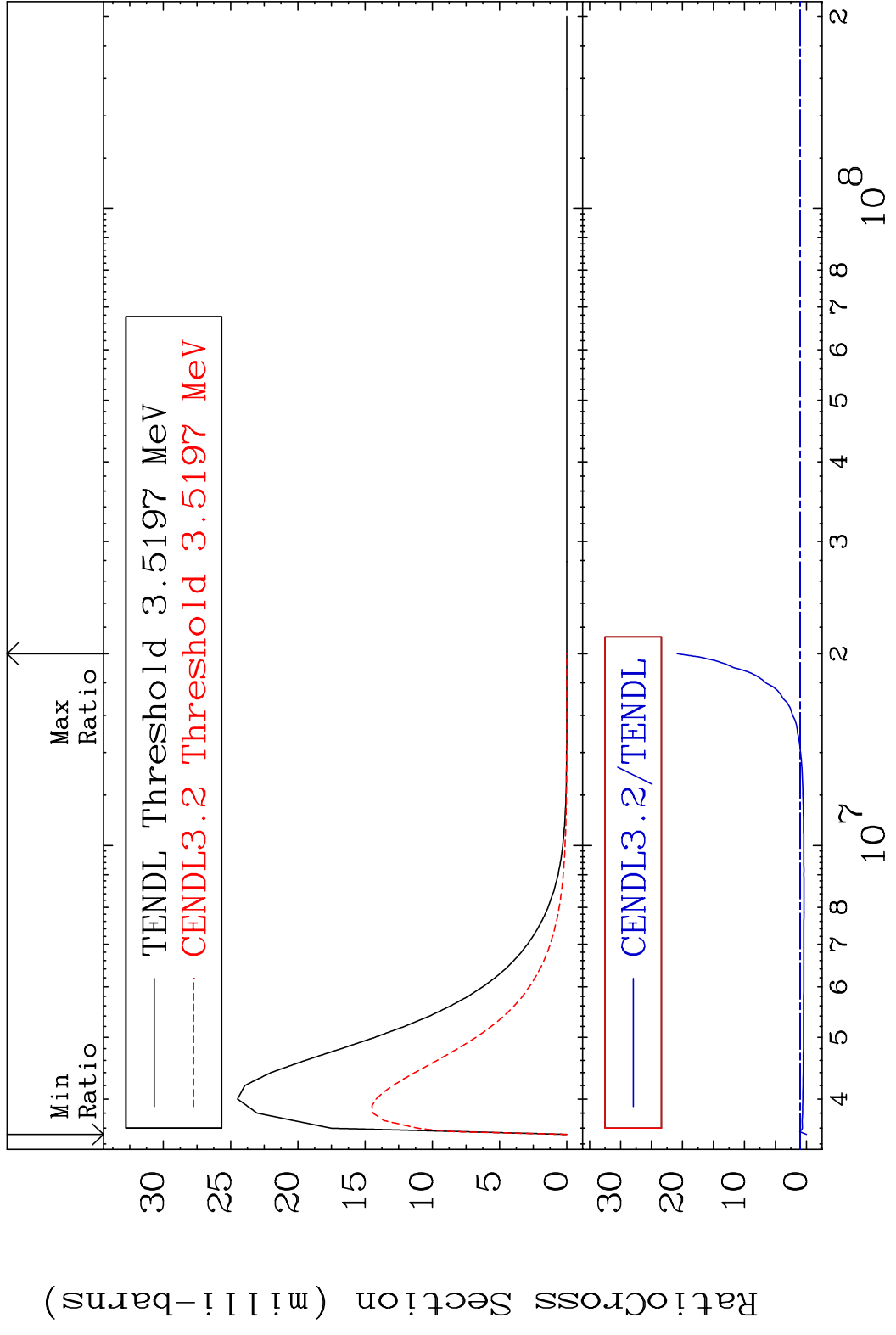
MAT 3025 MT= 77 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 561.8 %



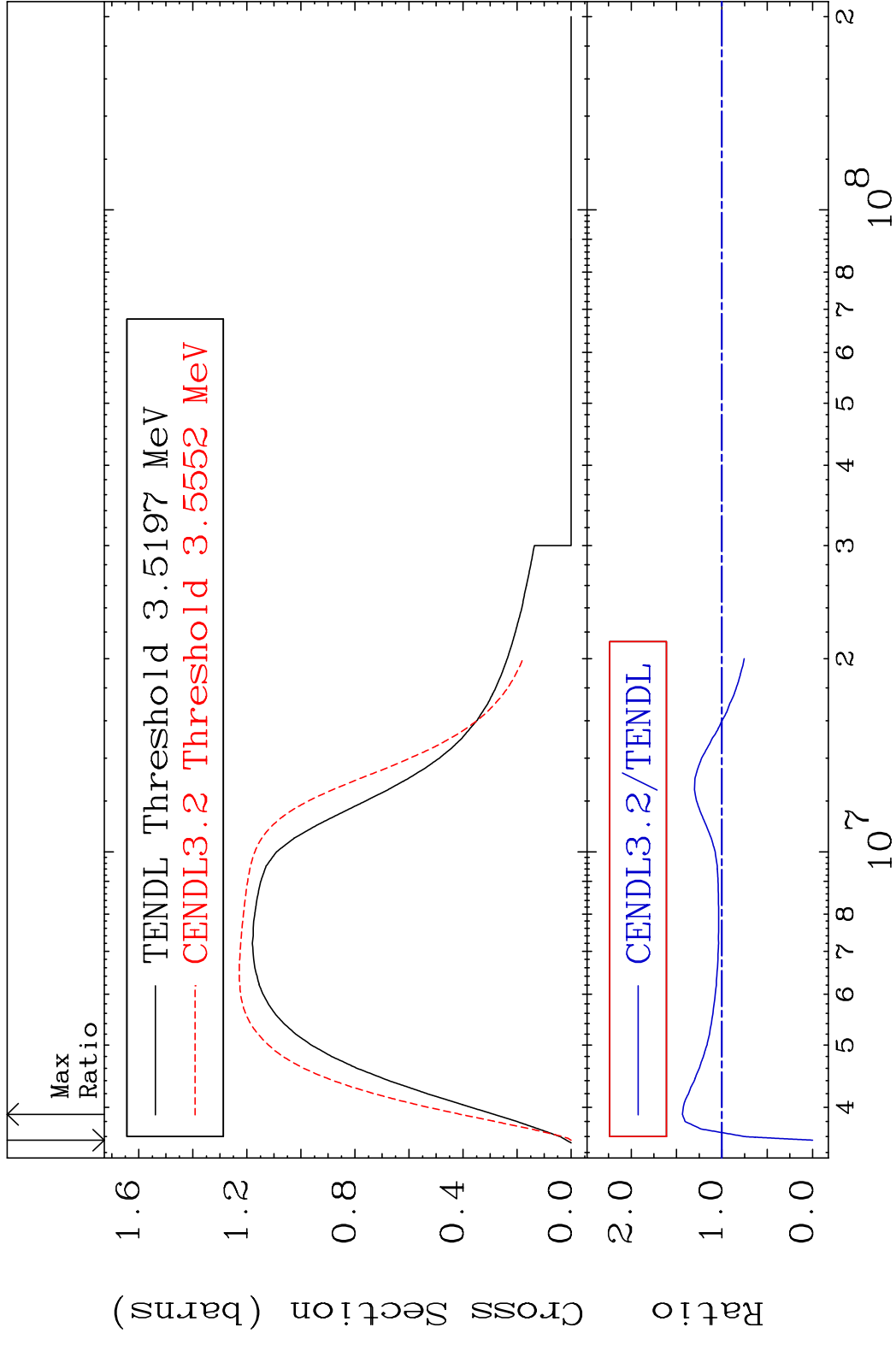
MAT 3025 MT= 78 (n, n') Level 30-Zn-64
 Cross Section -32.77 To 9999. %



MAT 3025 MT= 79 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 1986. %



MAT 3025 (n,n') Continuum 30-Zn-64
 Cross Section -100.0 To 43.60 %

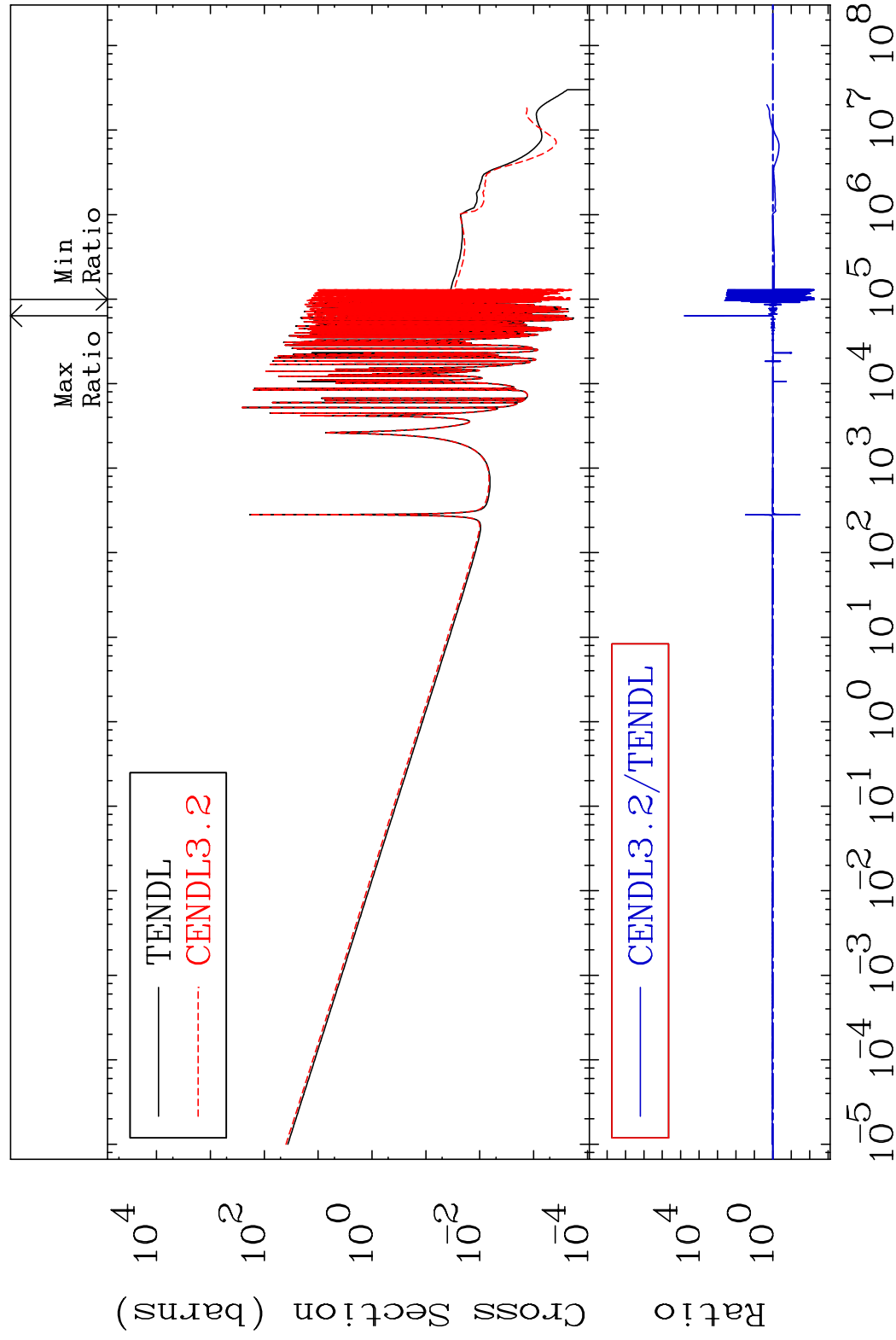


MAT 3025

(n, γ)

30-Zn-64

Cross Section -99.44 To 9999. %

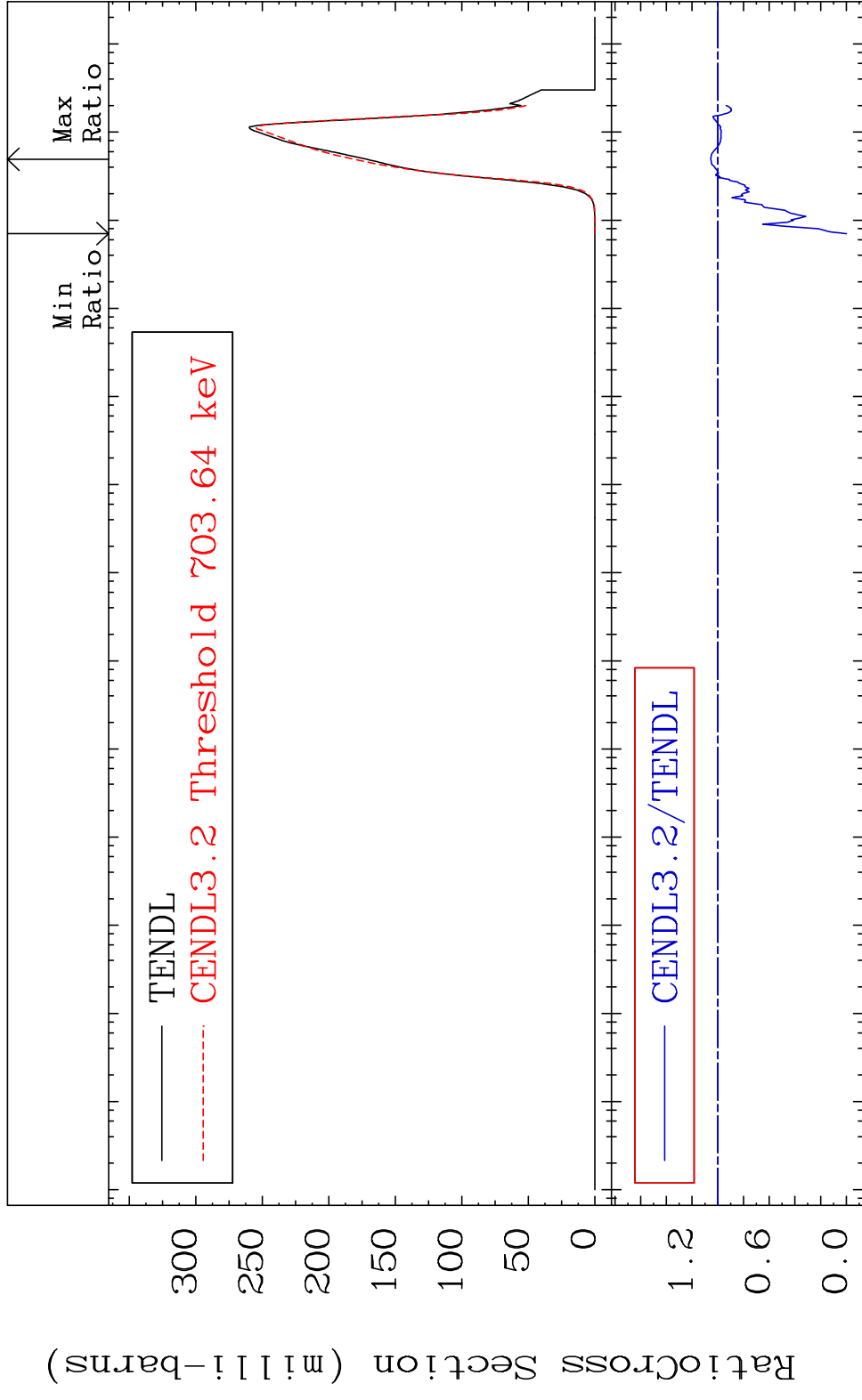


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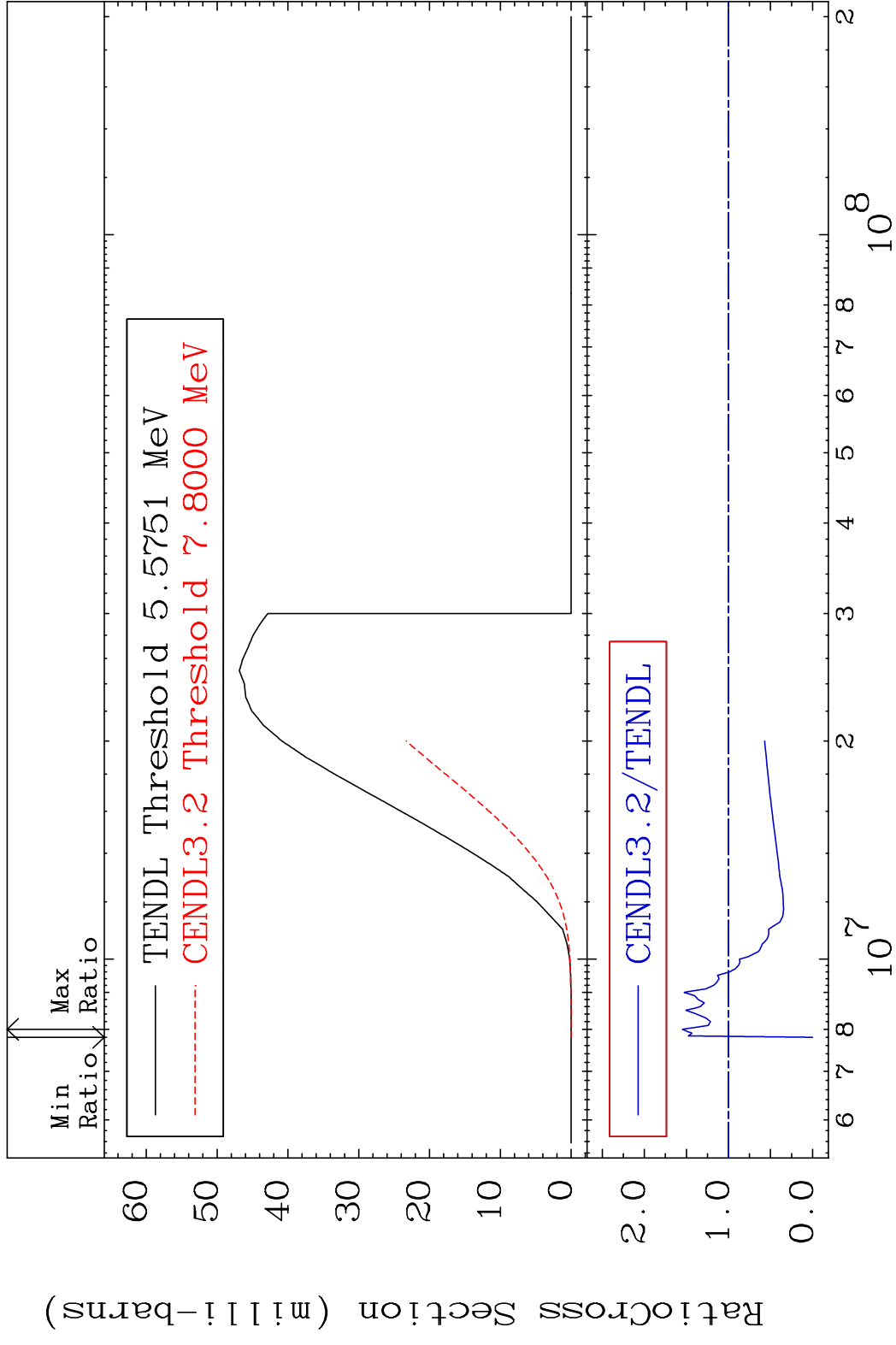
Incident Energy (eV)

30-Zn-64

MAT 3025 (n,p) 30-Zn-64
 Cross Section -100.0 To 5.512 %



MAT 3025 (n,d) 30-Zn-64
 Cross Section -100.0 To 54.83 %

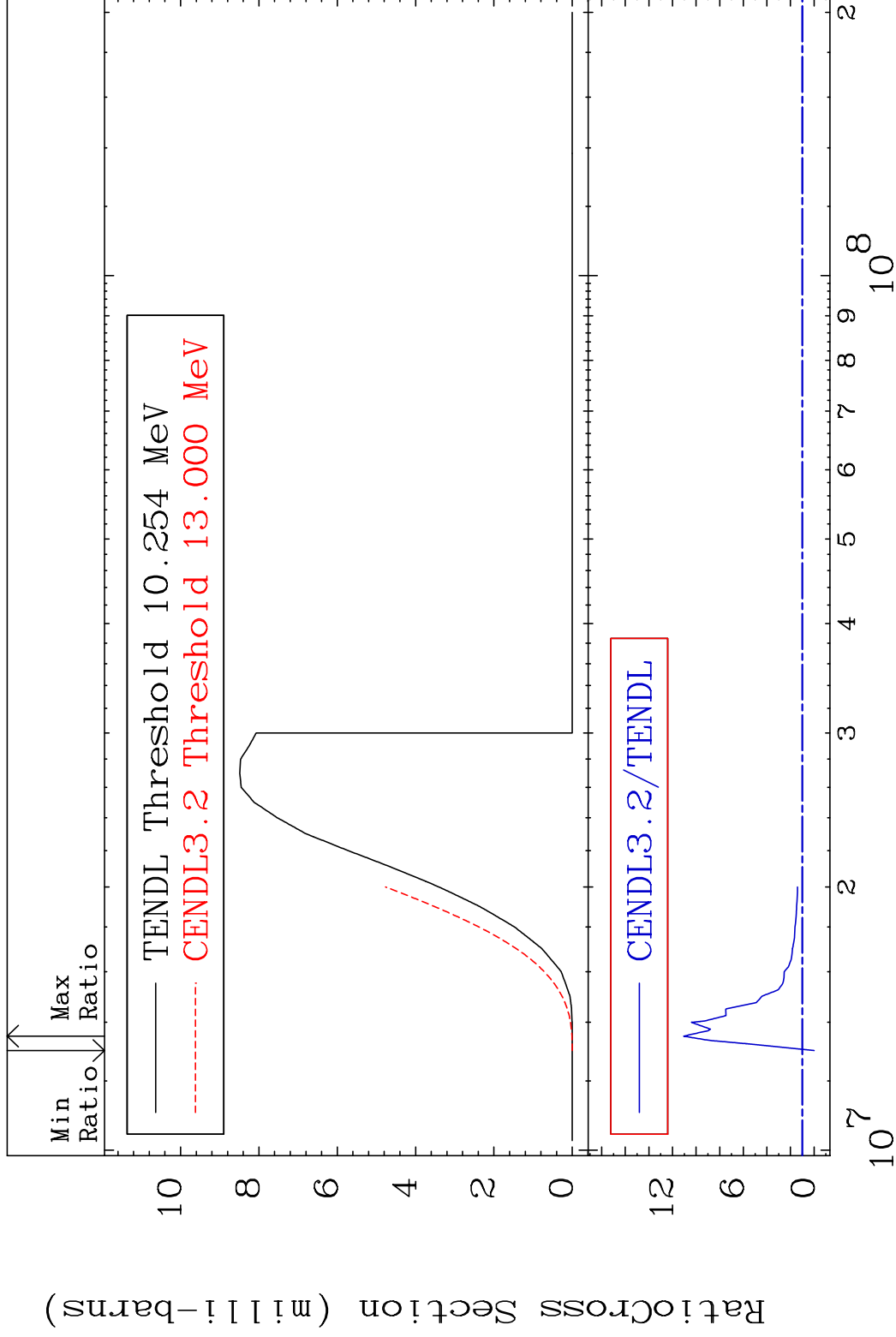


MAT 3025

(n, t)

30-Zn-64

Cross Section -100.0 To 1006. %

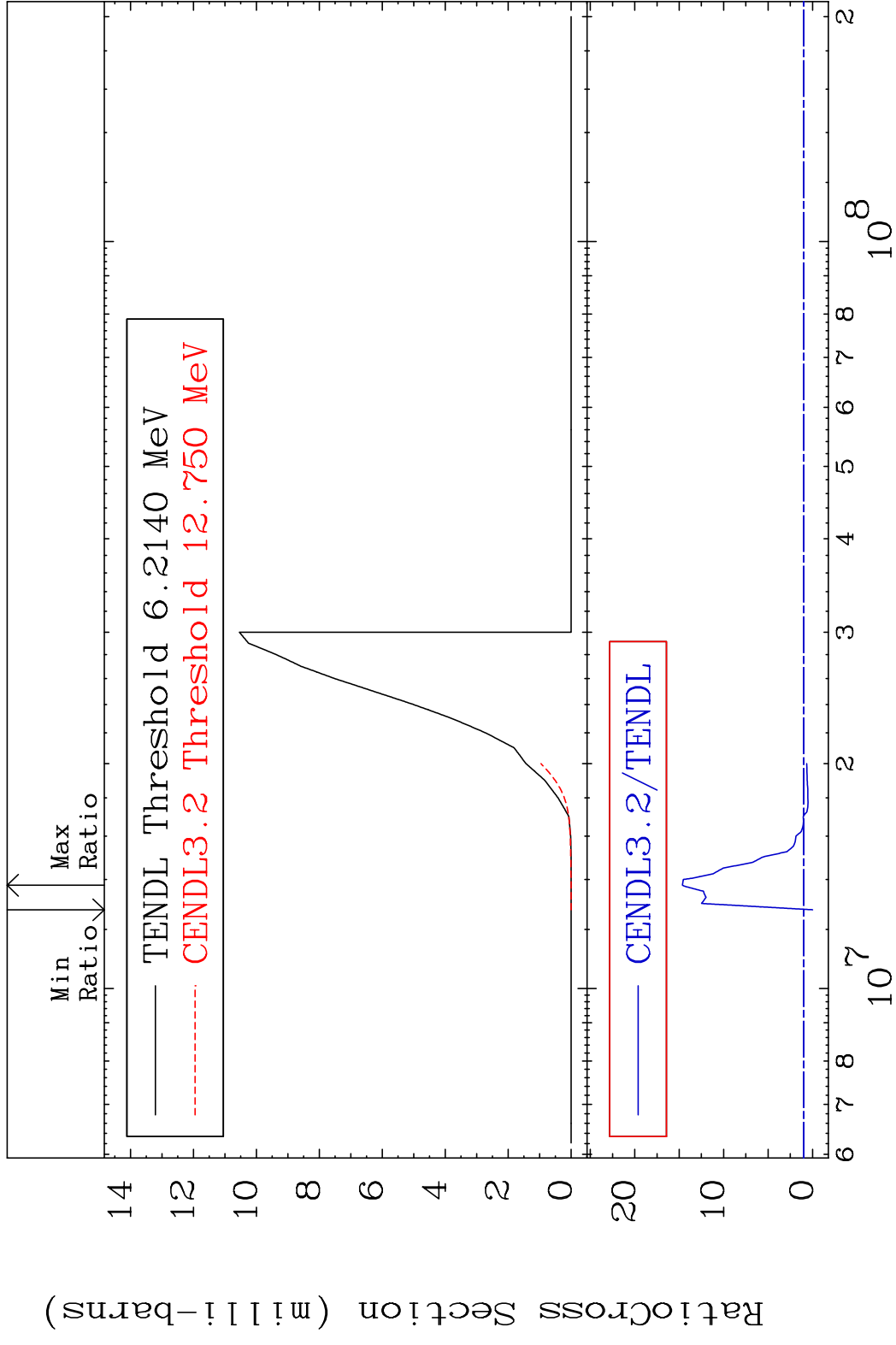


40

Incident Energy (eV)

30-Zn-64

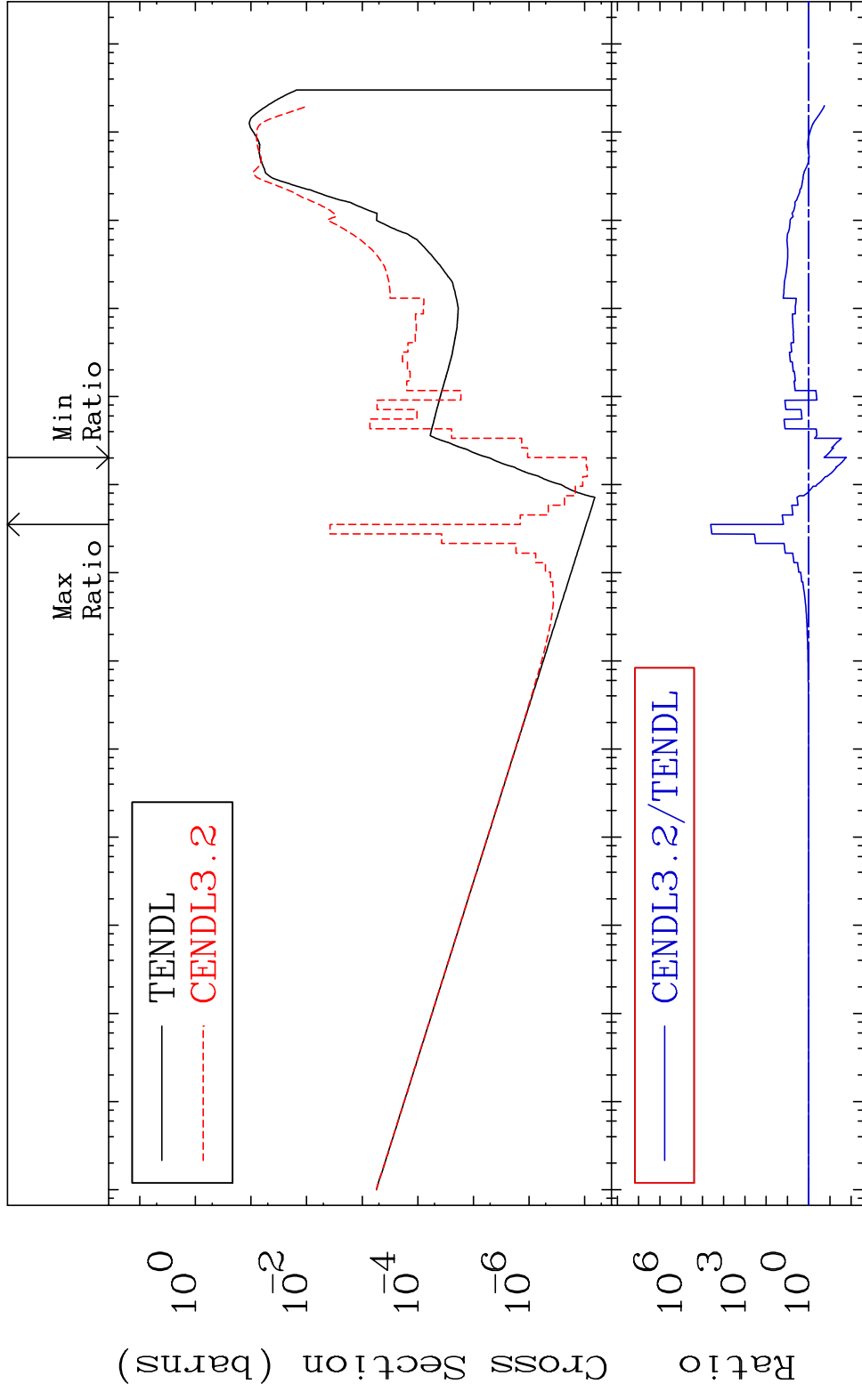
MAT 3025 (n, He-3) 30-Zn-64
 Cross Section -100.0 To 1364. %



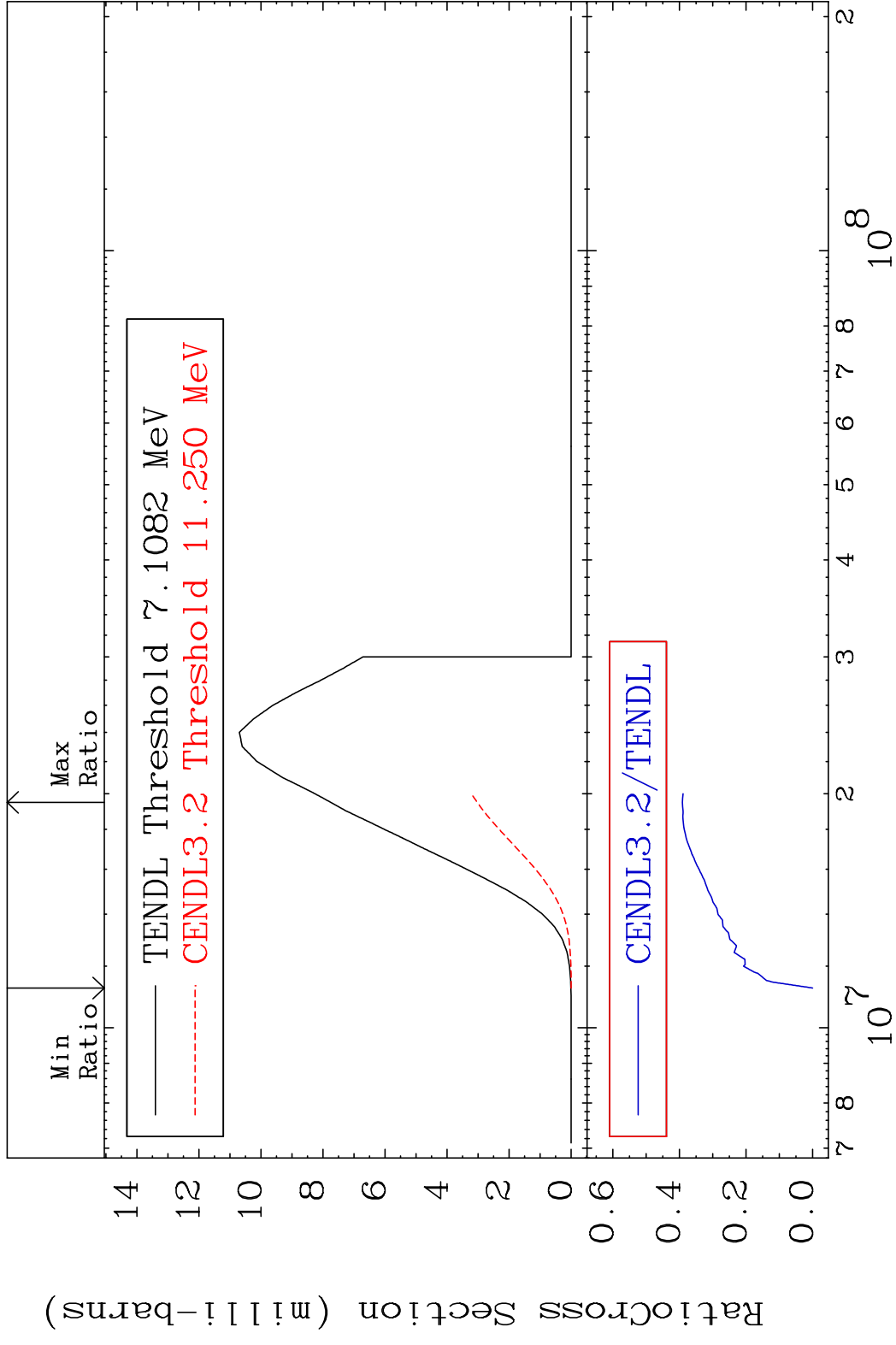
41 30-Zn-64

MAT 3025

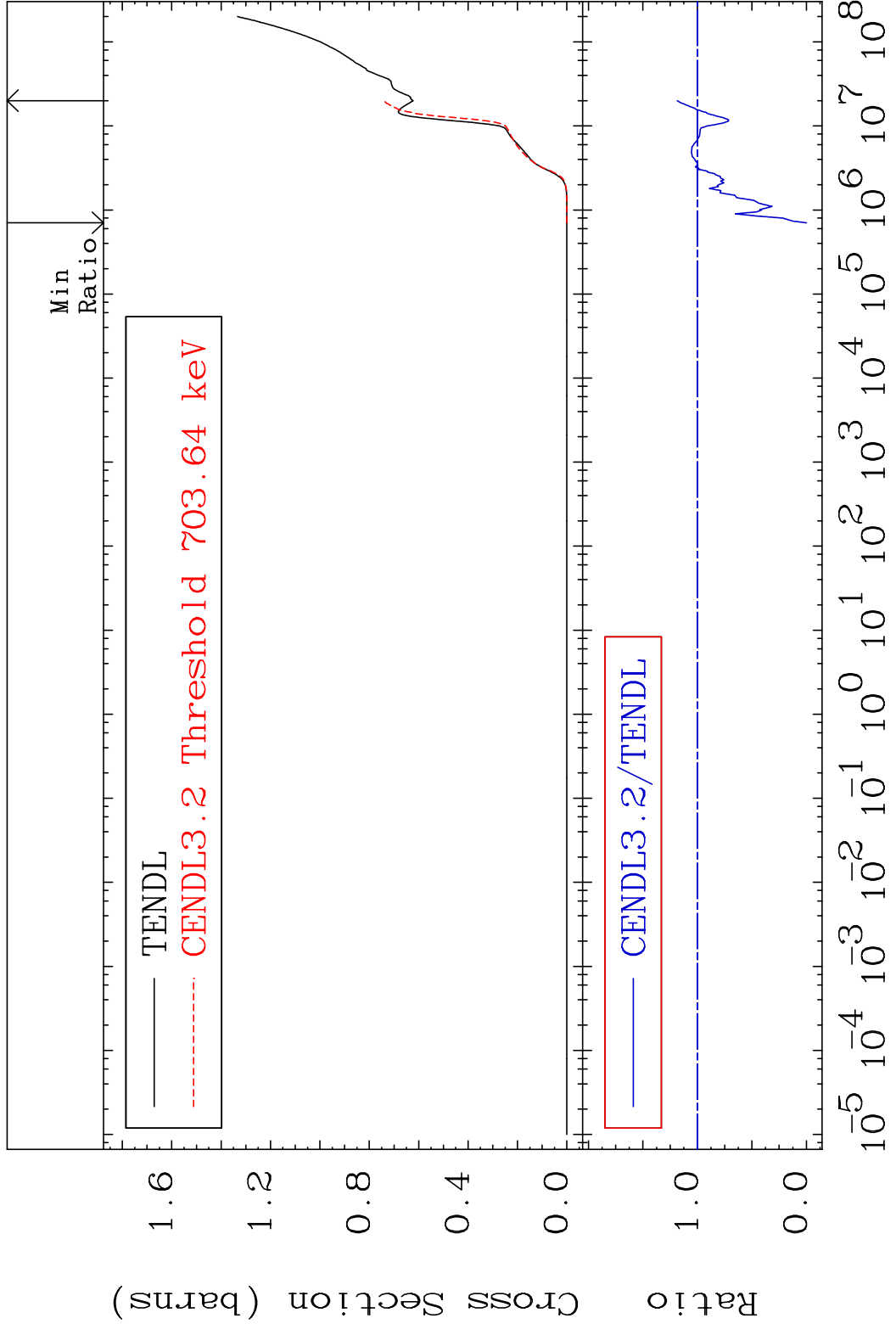
(n, α)
Cross Section -98.32 To 9999. %
30-Zn-64



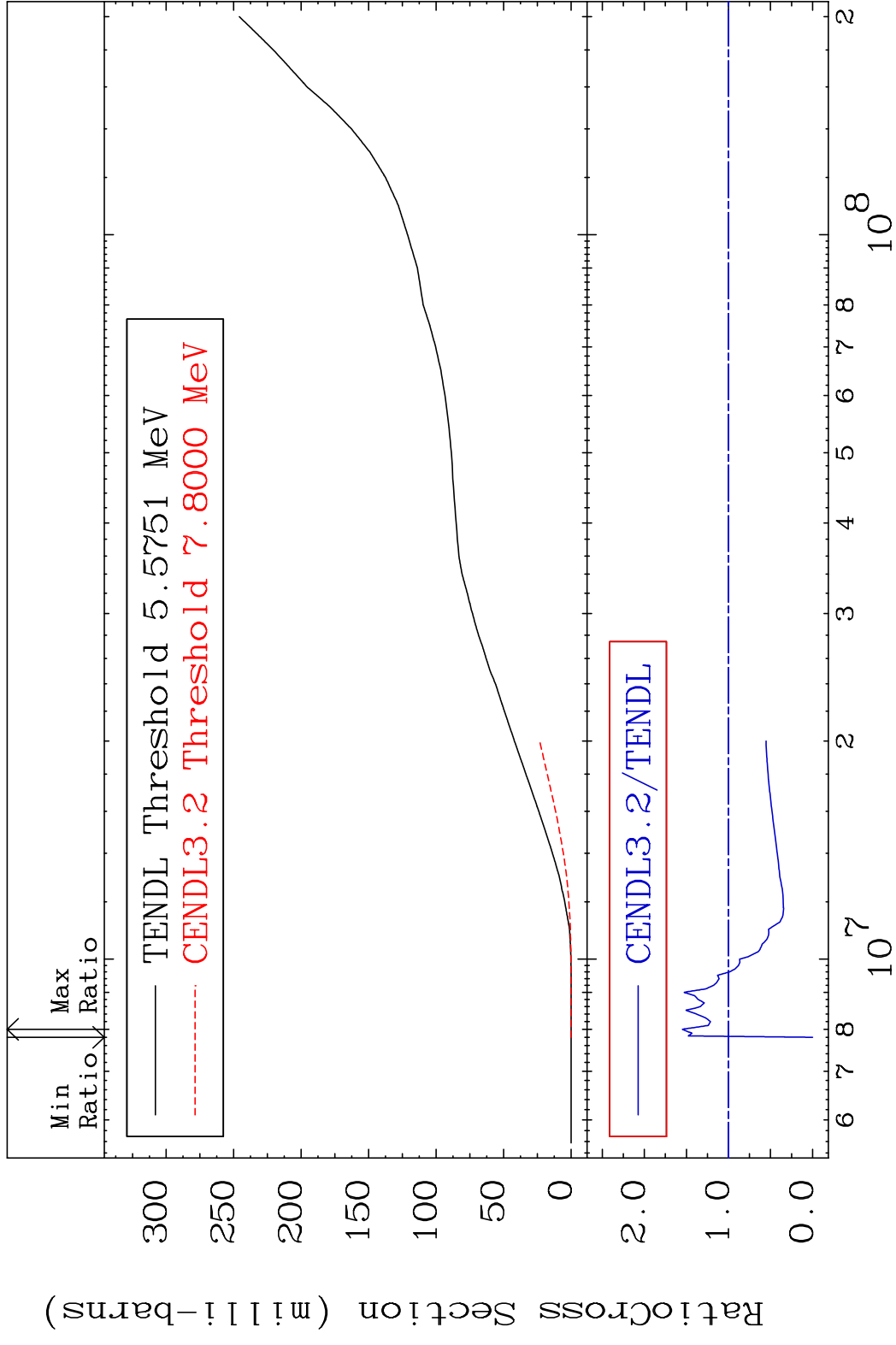
MAT 3025 (n,2p) 30-Zn-64
 Cross Section -100.0 To -60.90%



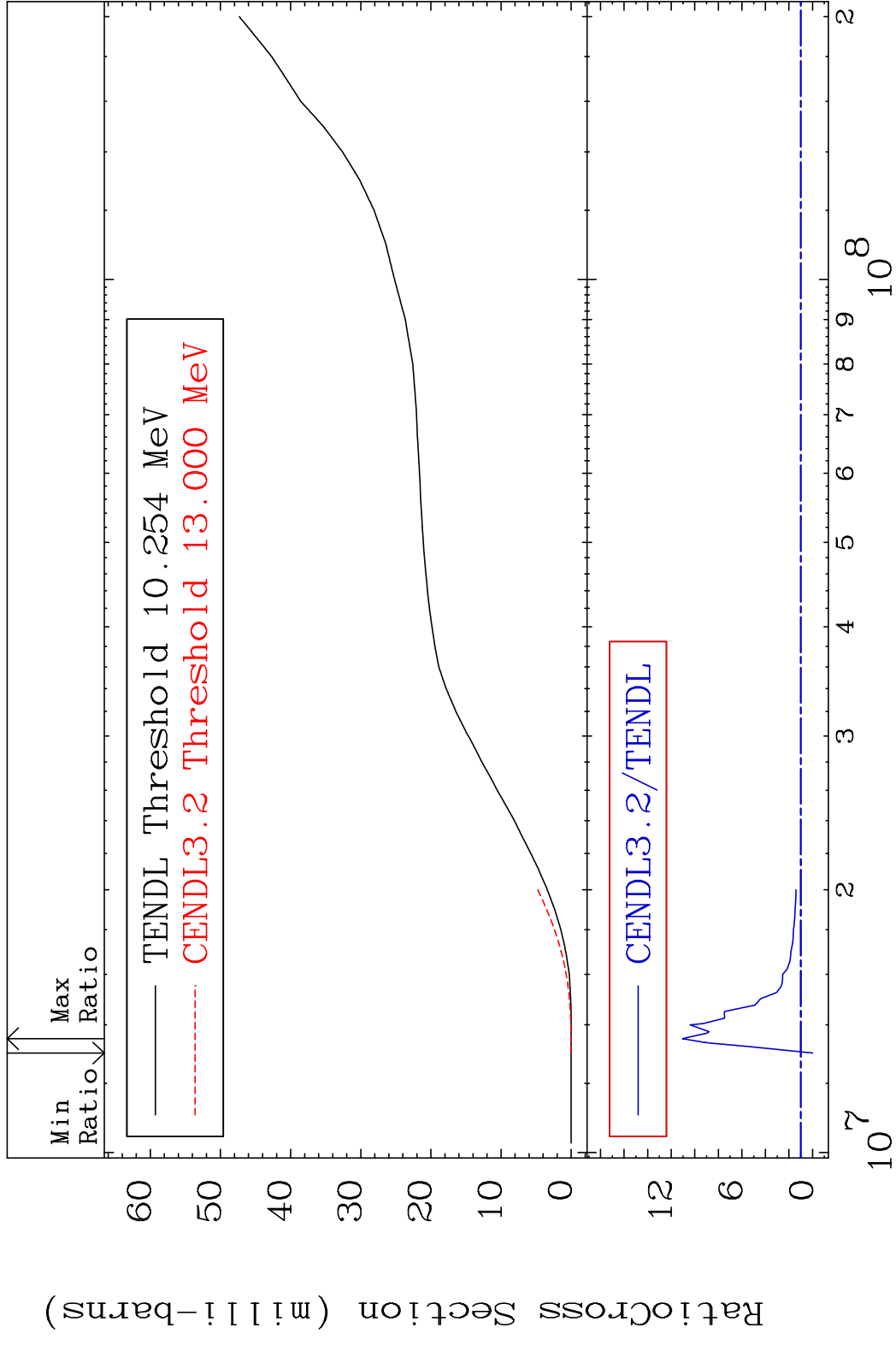
MAT 3025 Hydrogen Production 30-Zn-64
 Cross Section -100.0 To 18.54 %



MAT 3025 Deuterium Production 30-Zn-64
 Cross Section -100.0 To 54.83 %



MAT 3025 Tritium Production 30-Zn-64
 Cross Section -100.0 To 1006. %



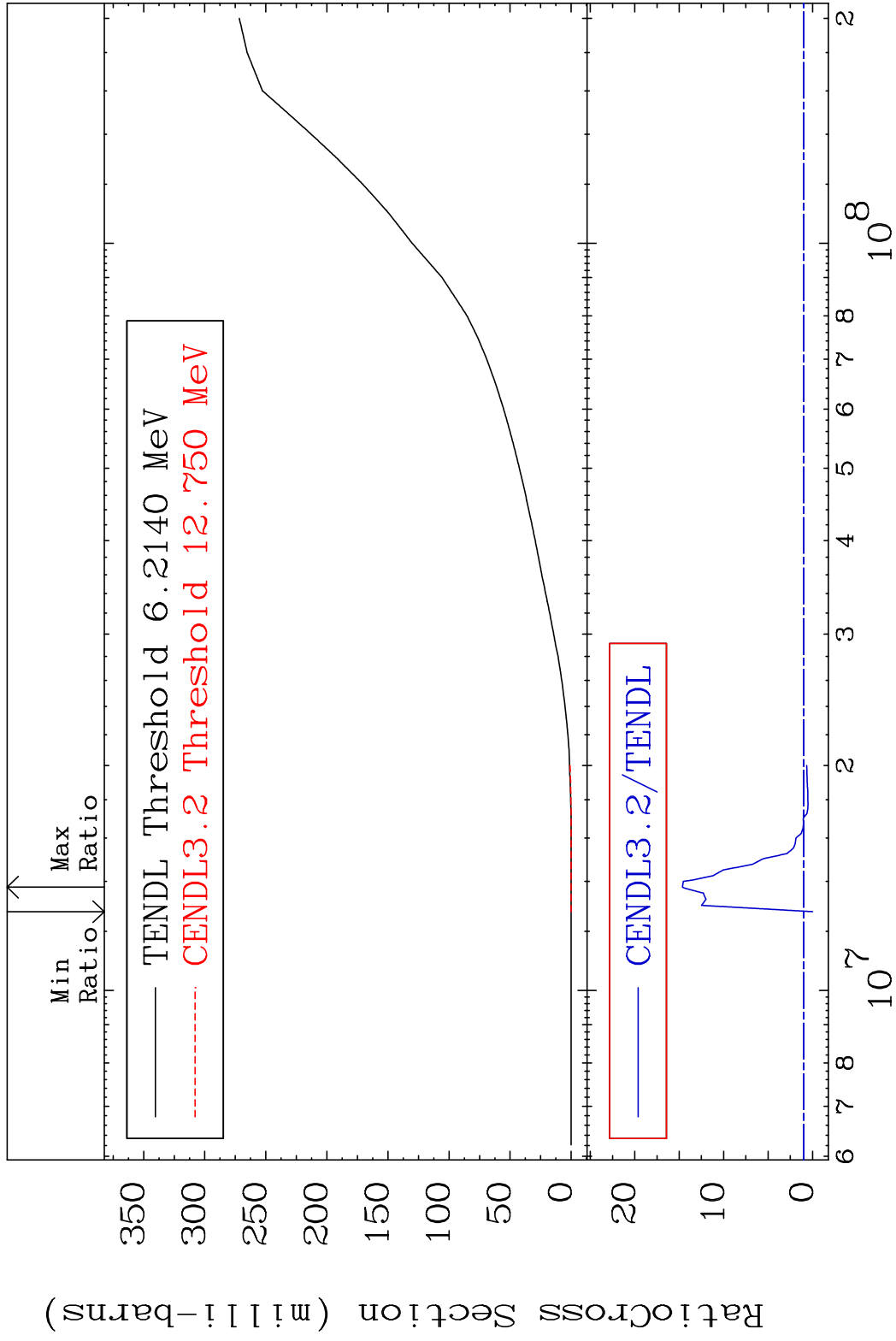
46 Incident Energy (eV) 30-Zn-64

MAT 3025

He-3 Production

30-Zn-64

Cross Section -100.0 To 1364. %



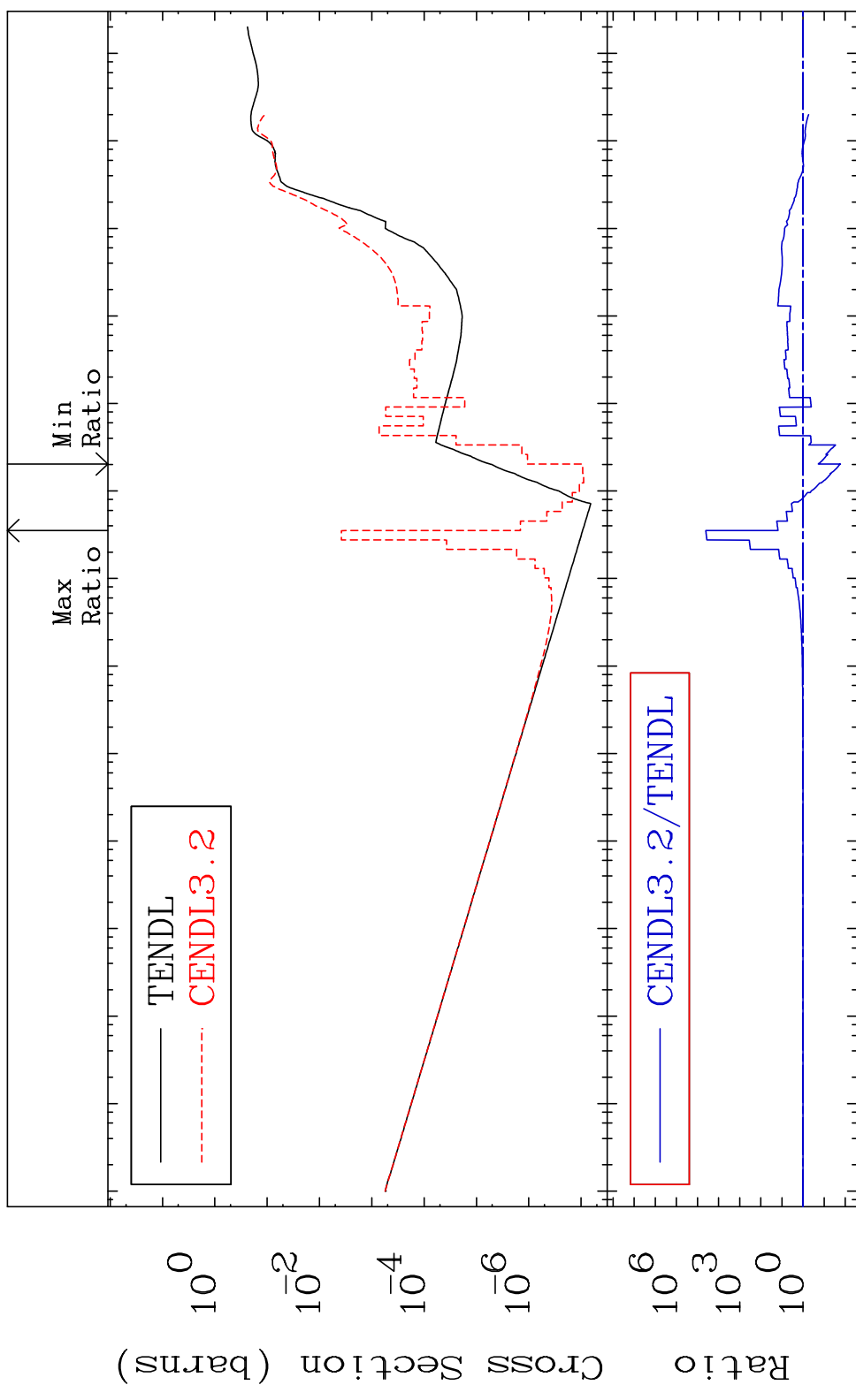
47

Incident Energy (eV)

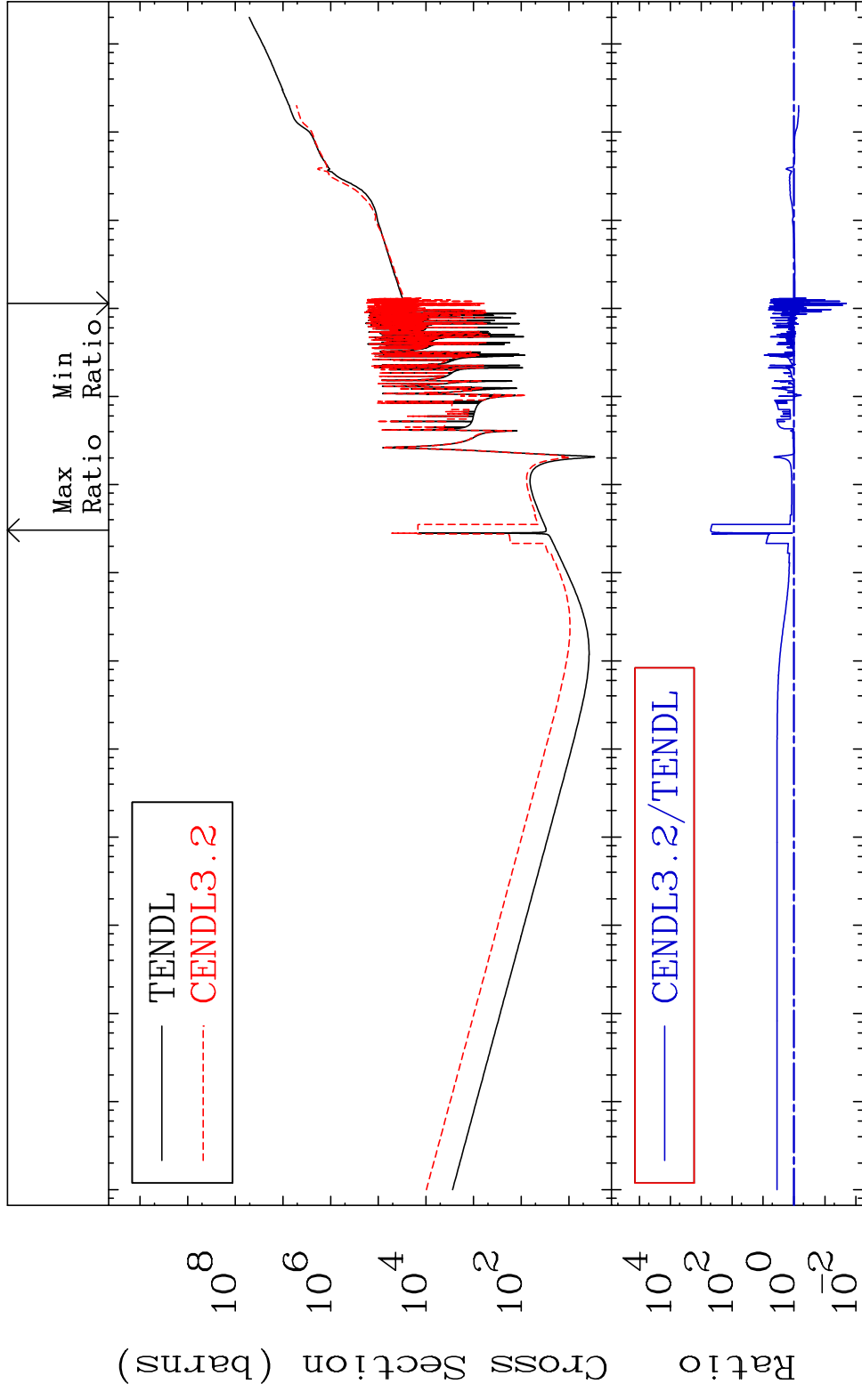
30-Zn-64

MAT 3025

He-4 Production Cross Section -98.32 To 9999. %
30-Zn-64



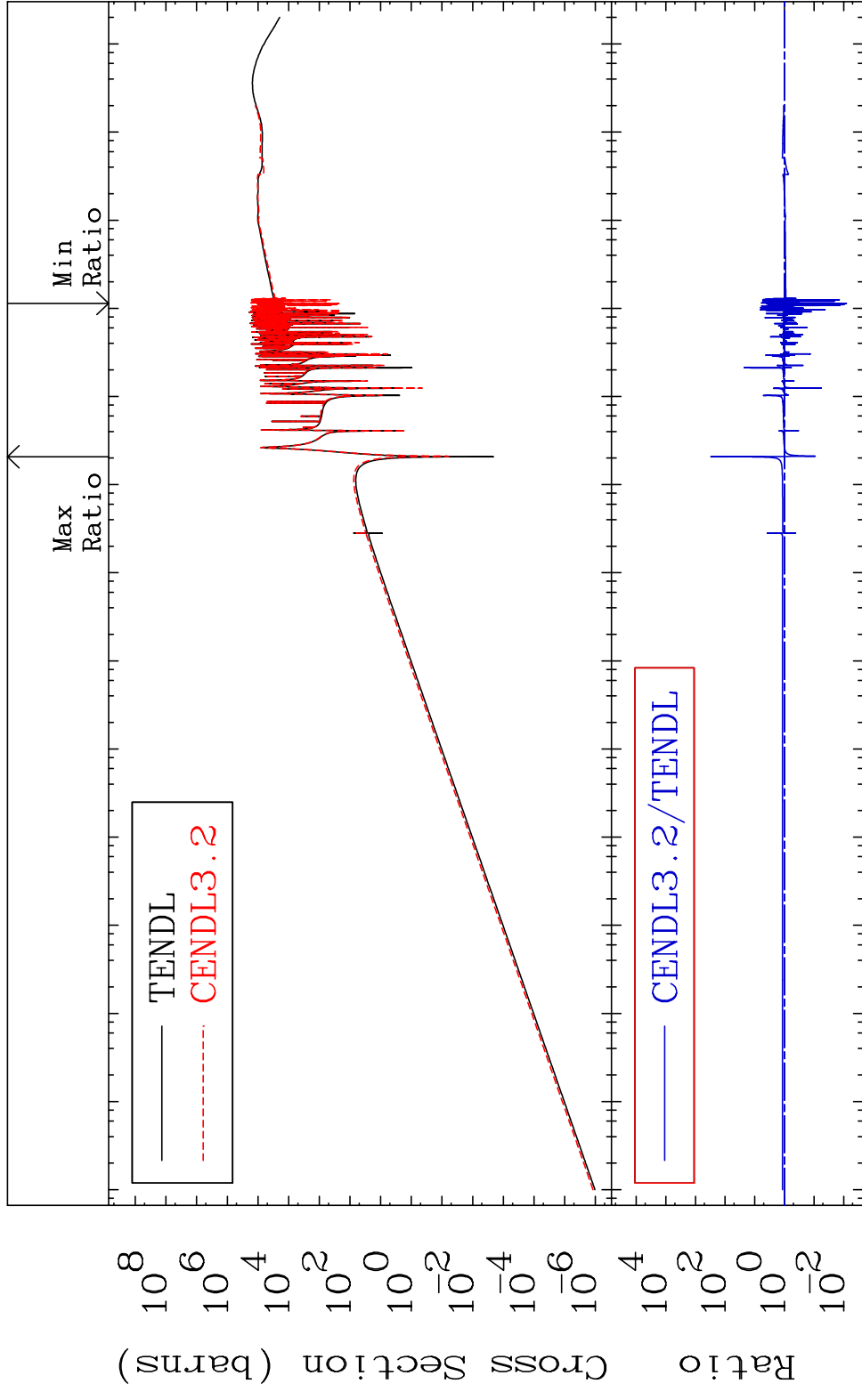
MAT 3025 Kerma total (eV-barns) 30-Zn-64
 Cross Section -97.97 To 9999. %



49 Incident Energy (eV) 30-Zn-64

MAT 3025

Kerma elastic Cross Section -99.19 To 9999. % 30-Zn-64

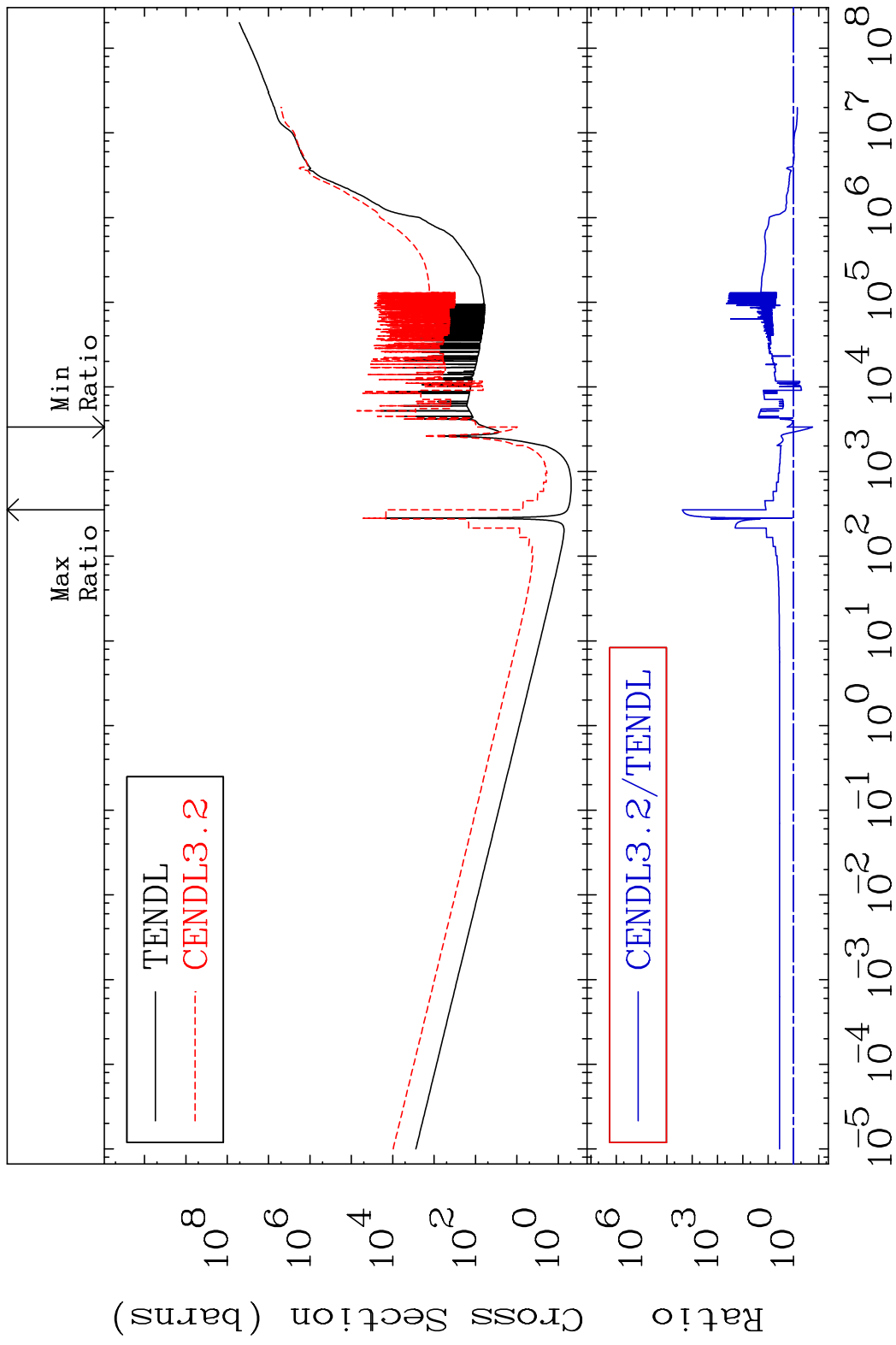


Ratio
Cross Section (barns)
Incident Energy (eV)

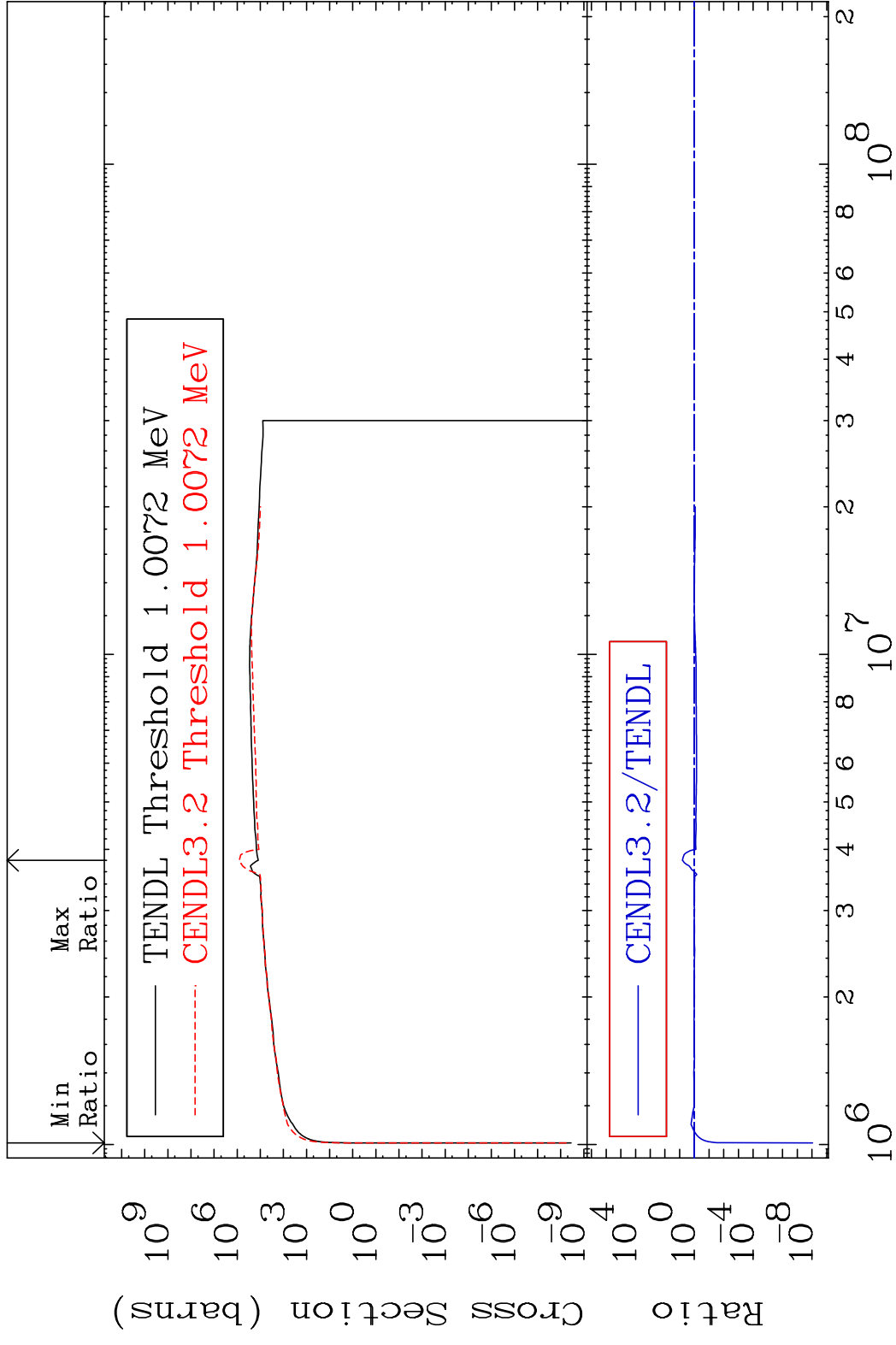
50

30-Zn-64

MAT 3025 Kerma non-elastic (all but mt2) 30-Zn-64
 Cross Section -82.39 To 9999. %

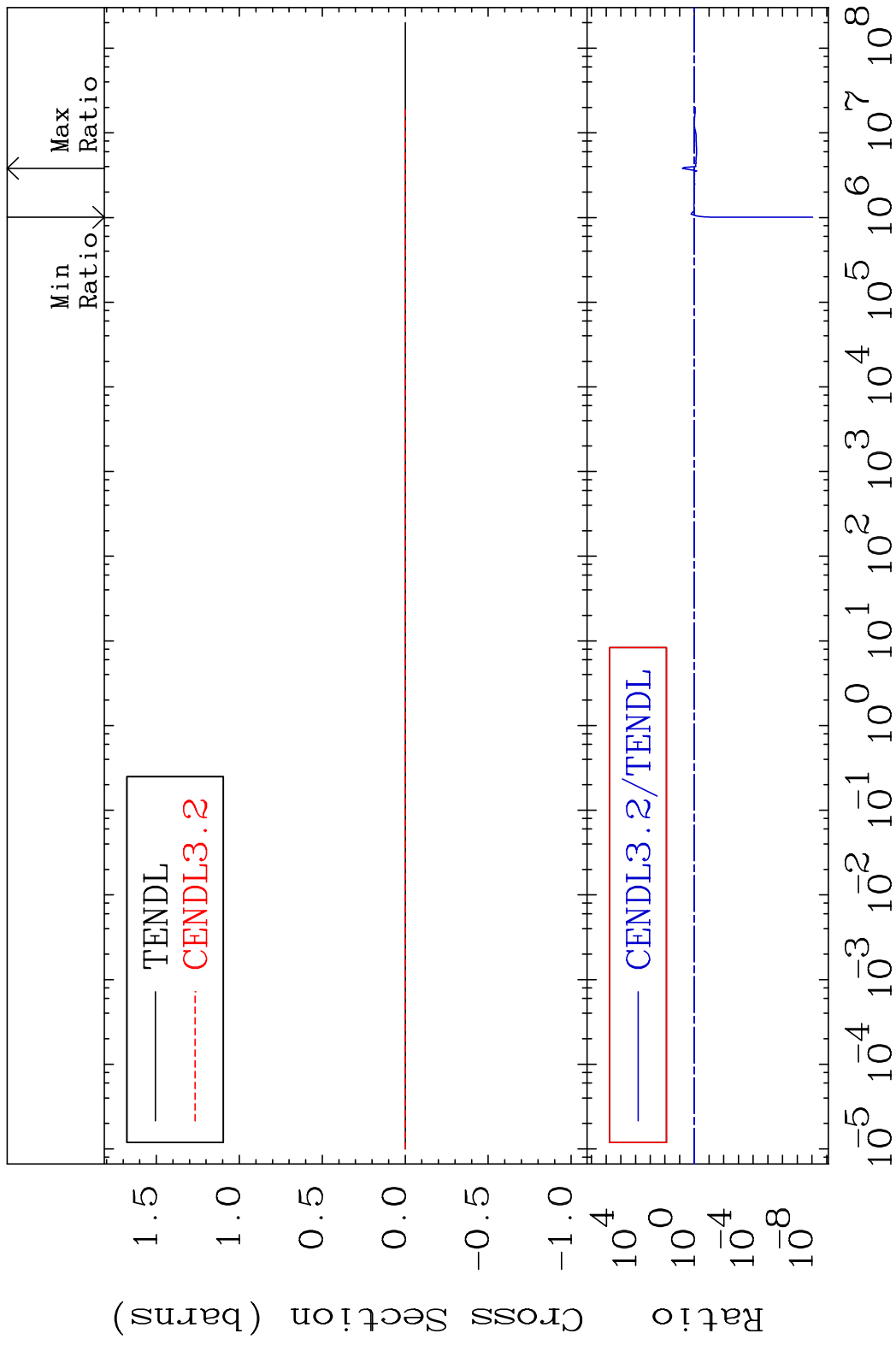


MAT 3025 Kerma inelastic (mt51-91) 30-Zn-64
 Cross Section -100.0 To 553.3 %

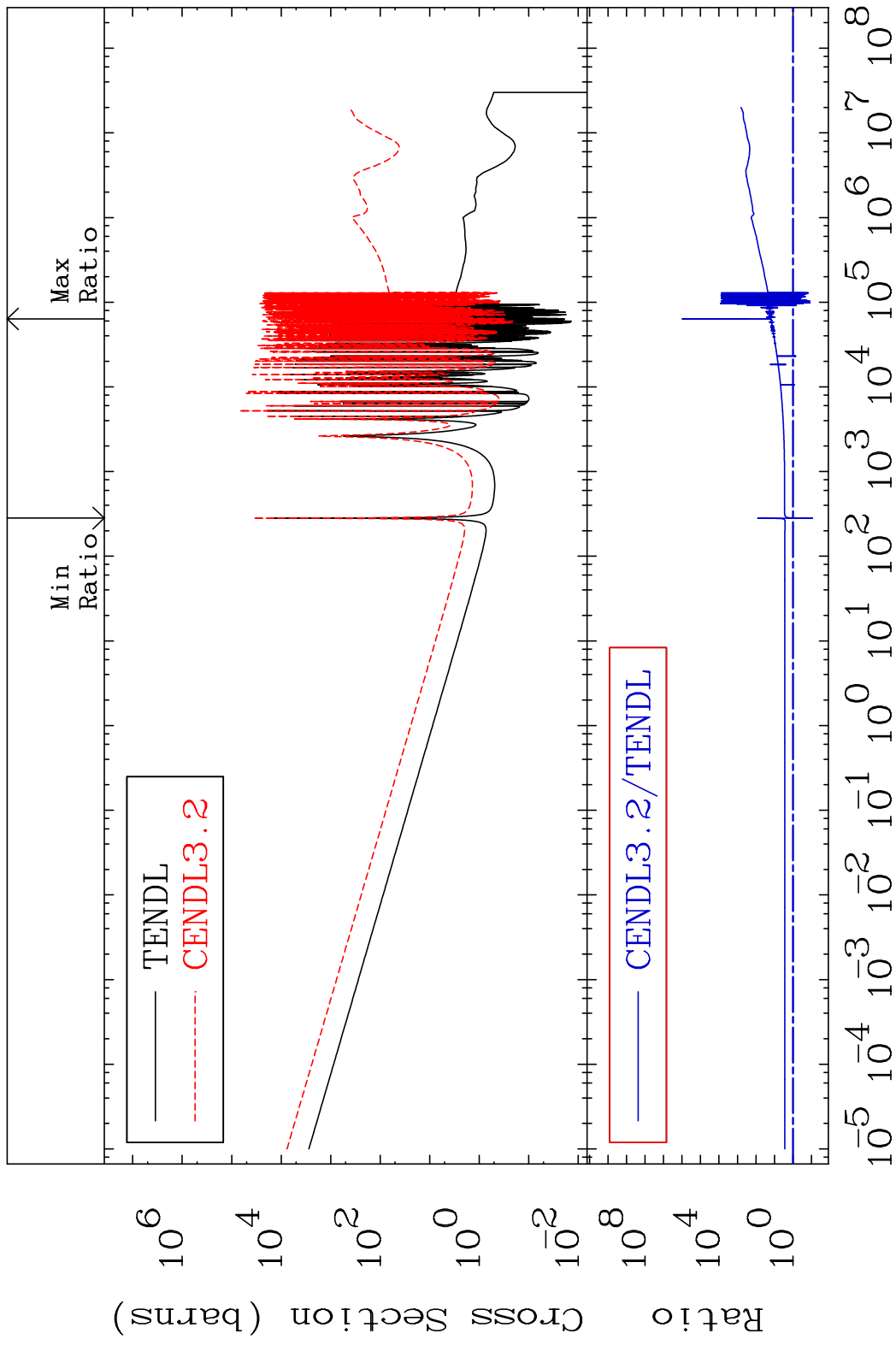


52 Incident Energy (eV) 30-Zn-64

MAT 3025 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-64
 Cross Section -100.0 To 553.3 %

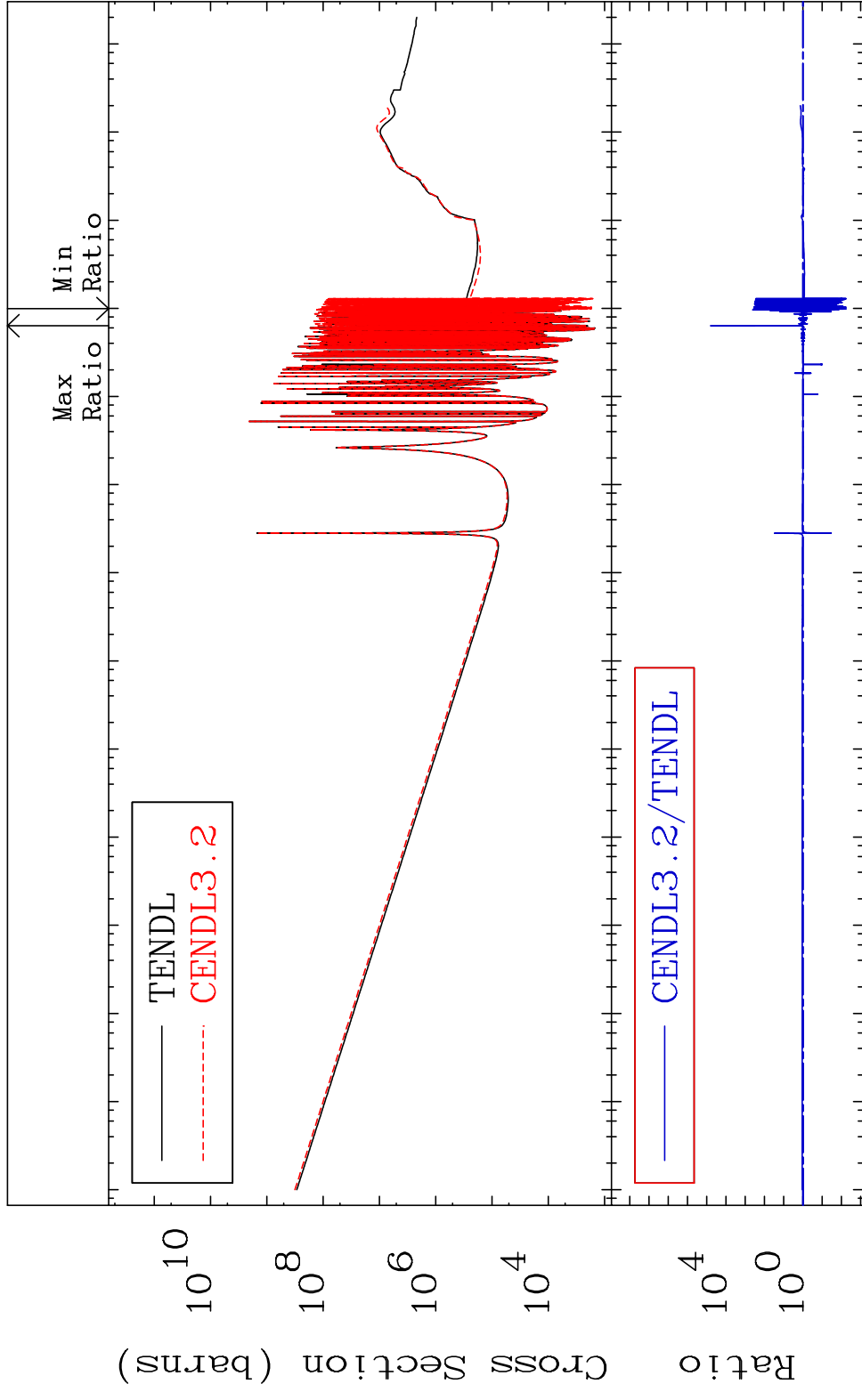


MAT 3025 Kerma capture (mt102) 30-Zn-64
 Cross Section -91.36 To 9999. %



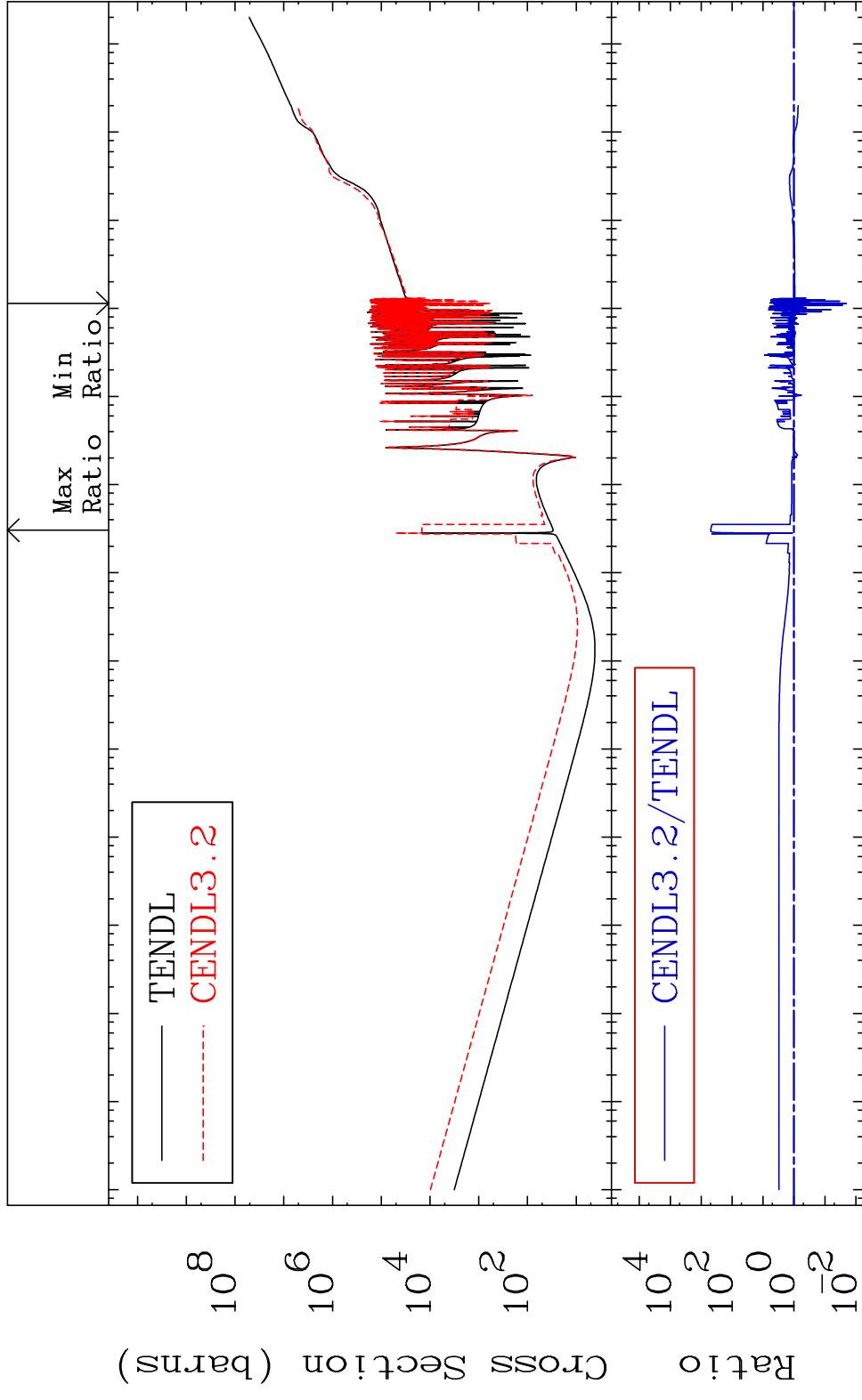
54 Incident Energy (eV) 30-Zn-64

MAT 3025 Total photon (eV-barns) 30-Zn-64
 Cross Section -99.44 To 9999. %

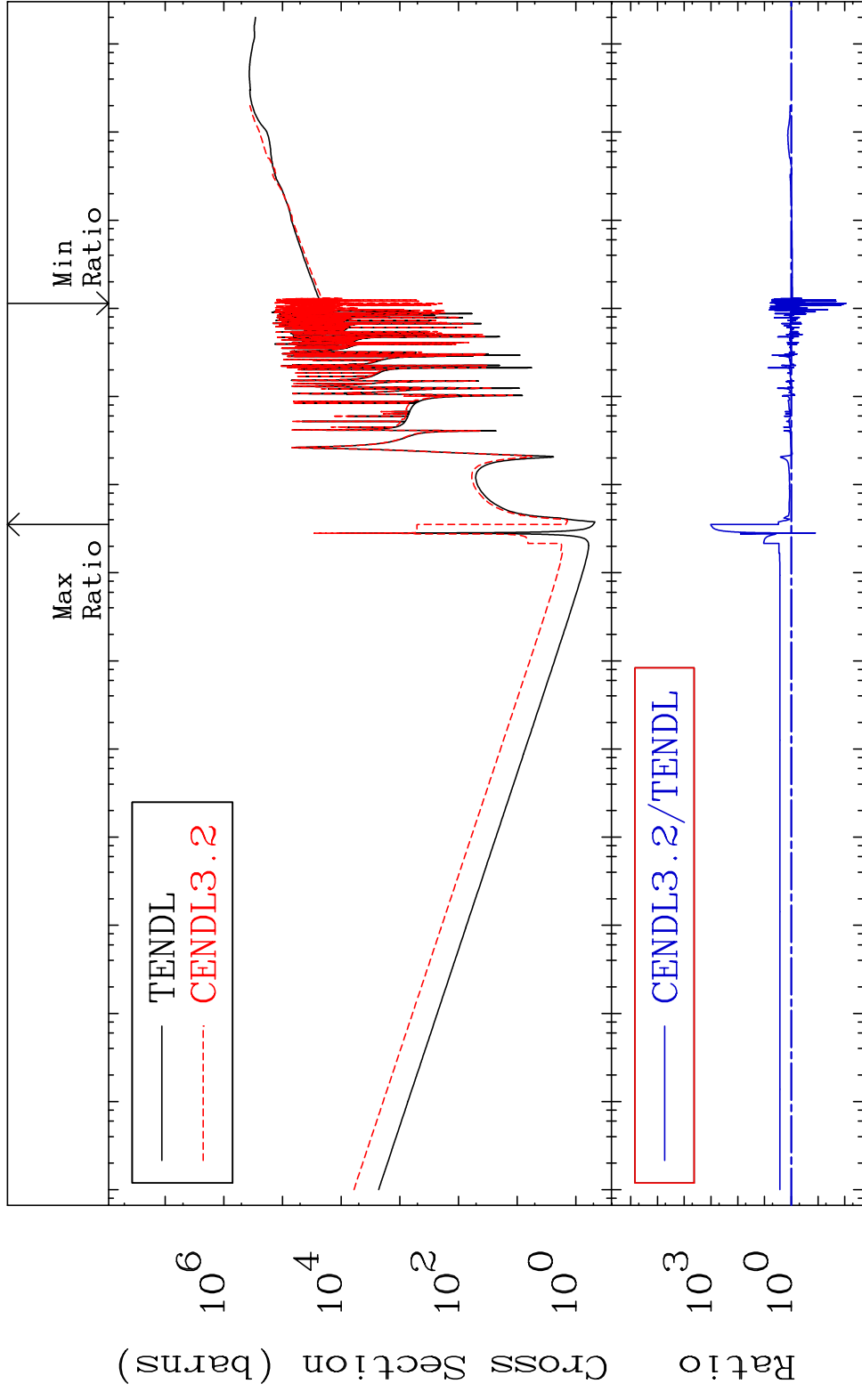


55 Incident Energy (eV) 30-Zn-64

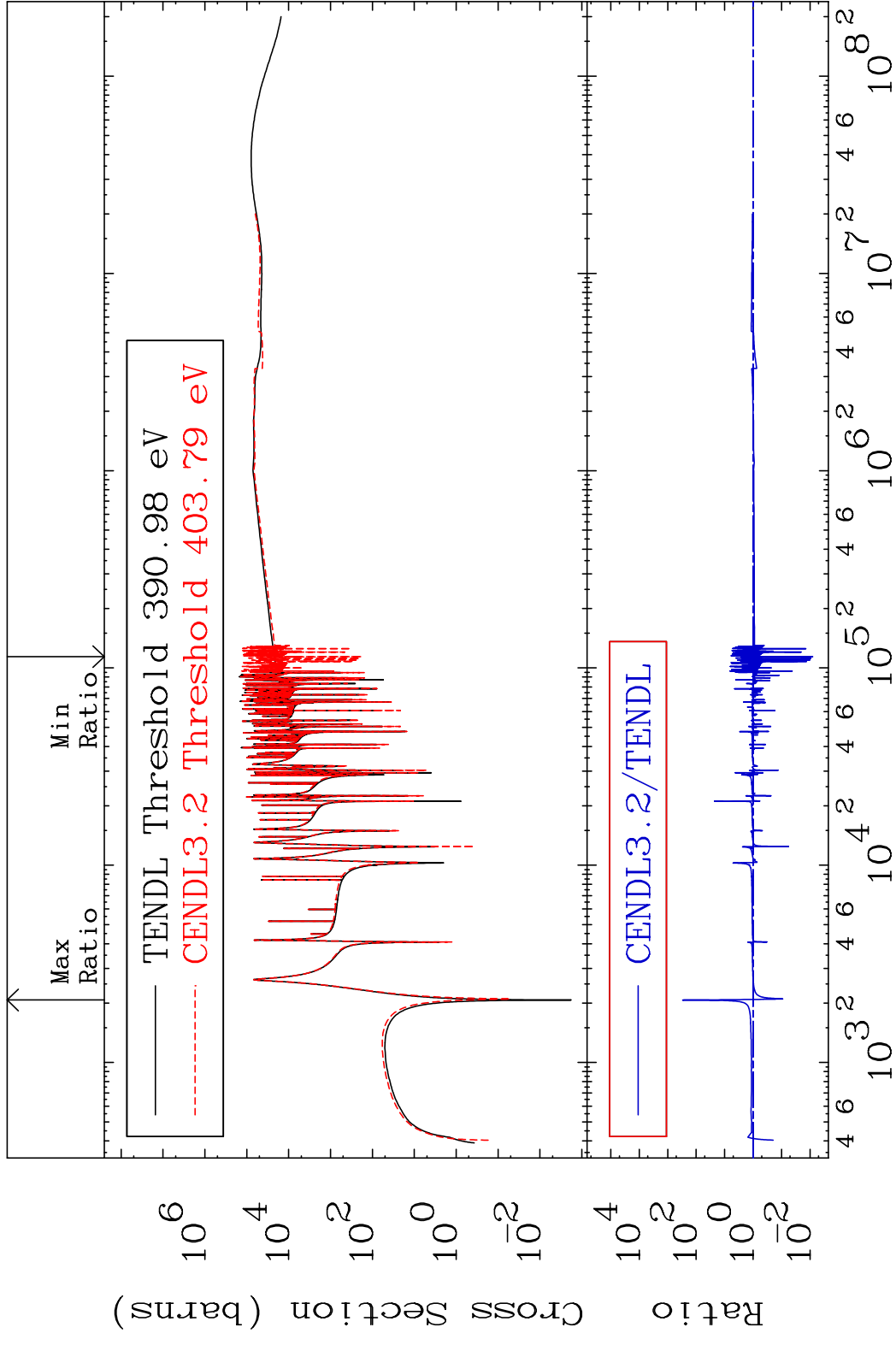
MAT 3025 Total kinematic kerma (high limit) 30-Zn-64
 Cross Section -97.97 To 9999. %



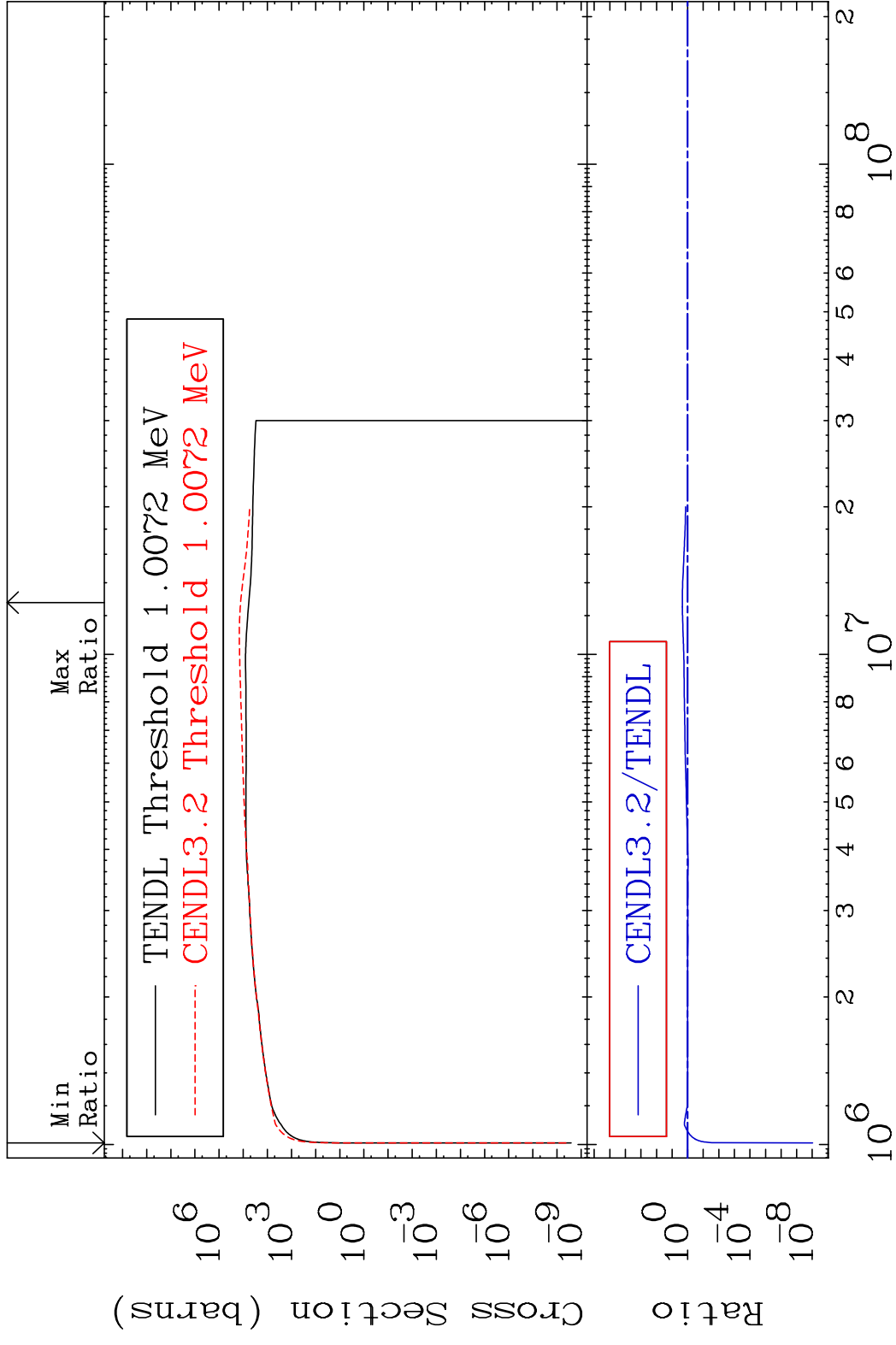
MAT 3025 Dpa total (eV-barns) 30-Zn-64
 Cross Section -99.13 To 9999. %



MAT 3025 Dpa elastic (mt2) 30-Zn-64
 Cross Section -99.19 To 9999. %

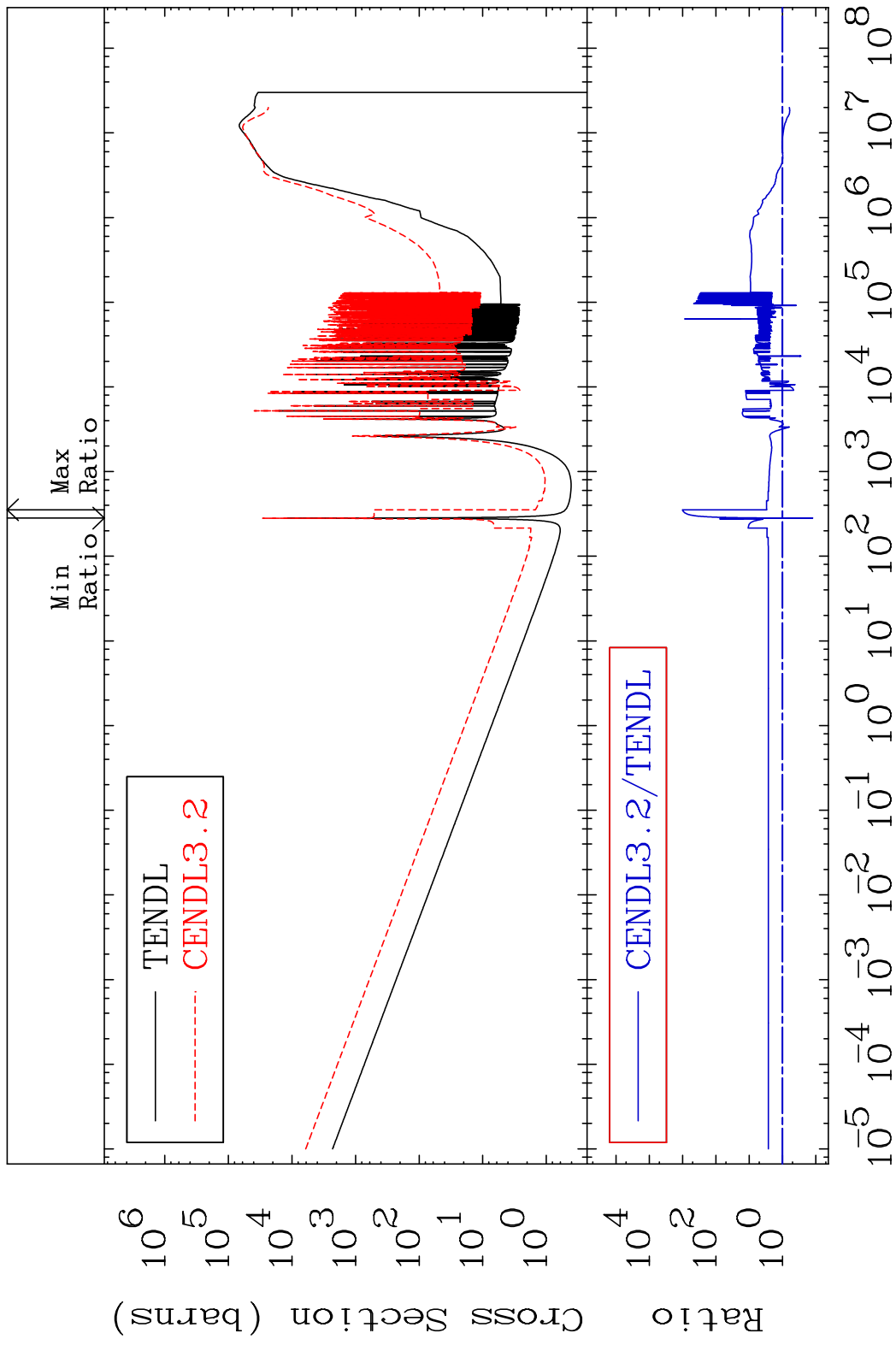


MAT 3025 Dpa inelastic (mt51-91) 30-Zn-64
 Cross Section -100.0 To 119.4 %

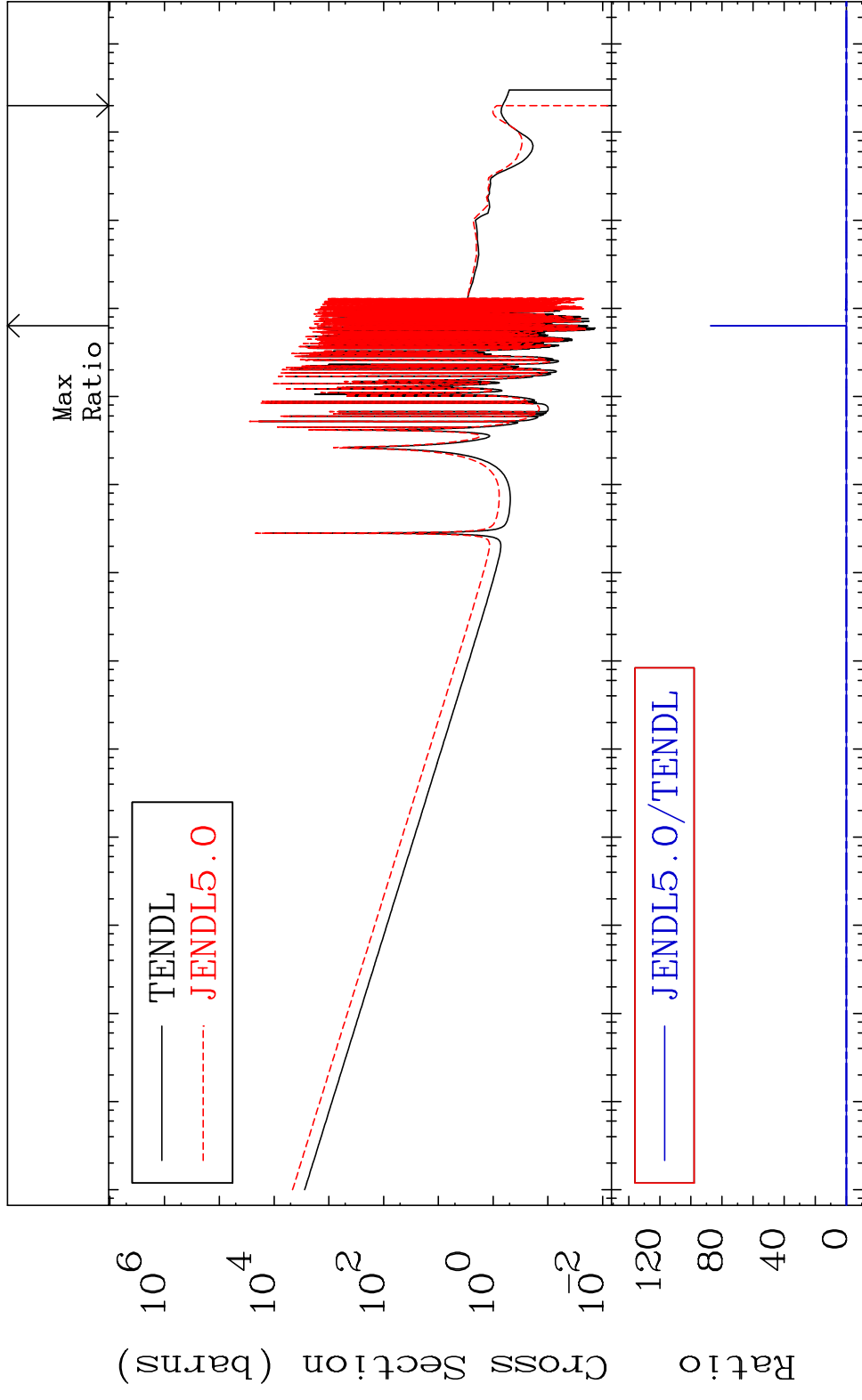


59 Incident Energy (eV) 30-Zn-64

MAT 3025 Dpa disappearance (mt102 -120) 30-Zn-64
Cross Section -87.56 To 9999. %

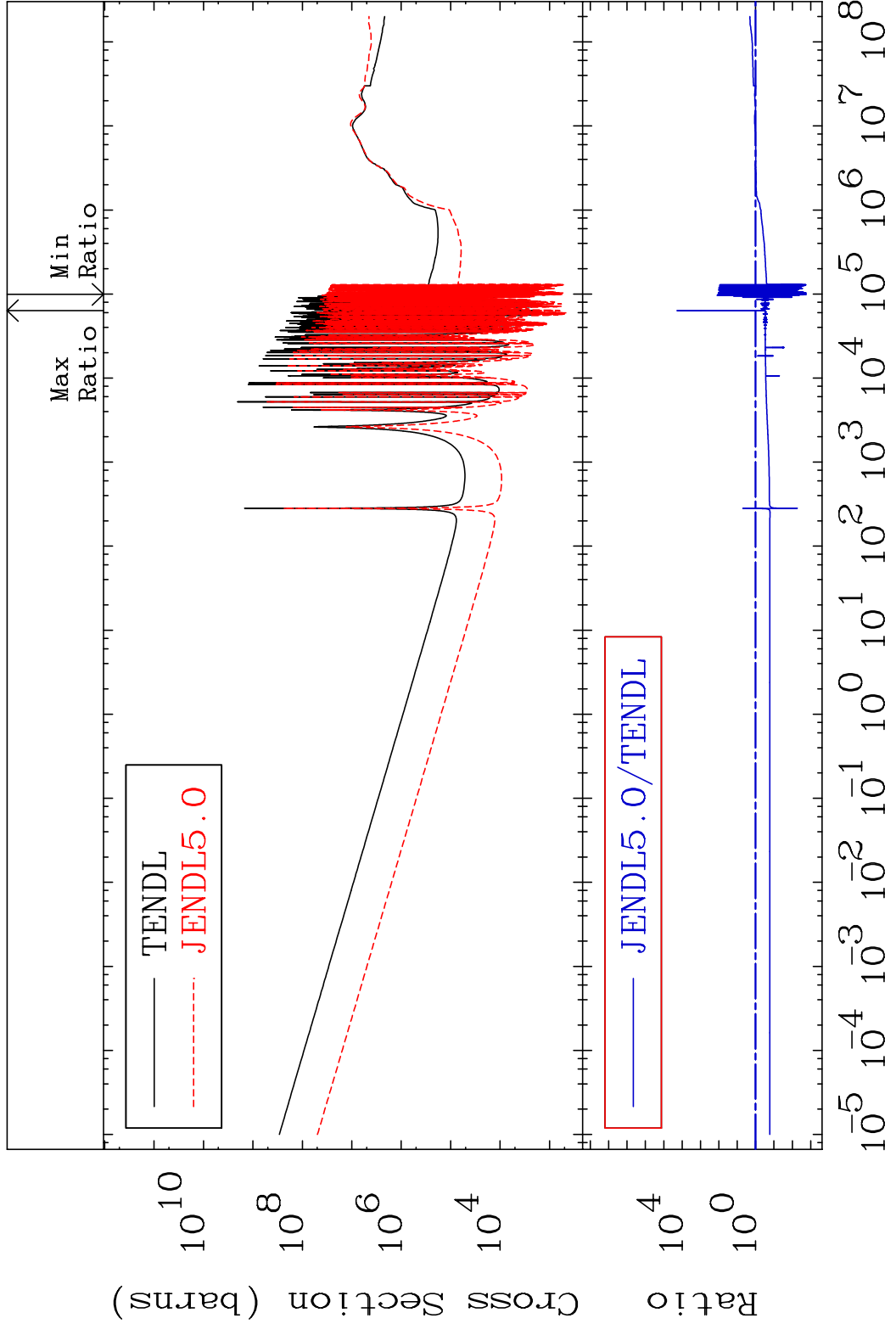


MAT 3025 Kerma capture (mt102) 30-Zn-64
 Cross Section -100.0 To 9999. %



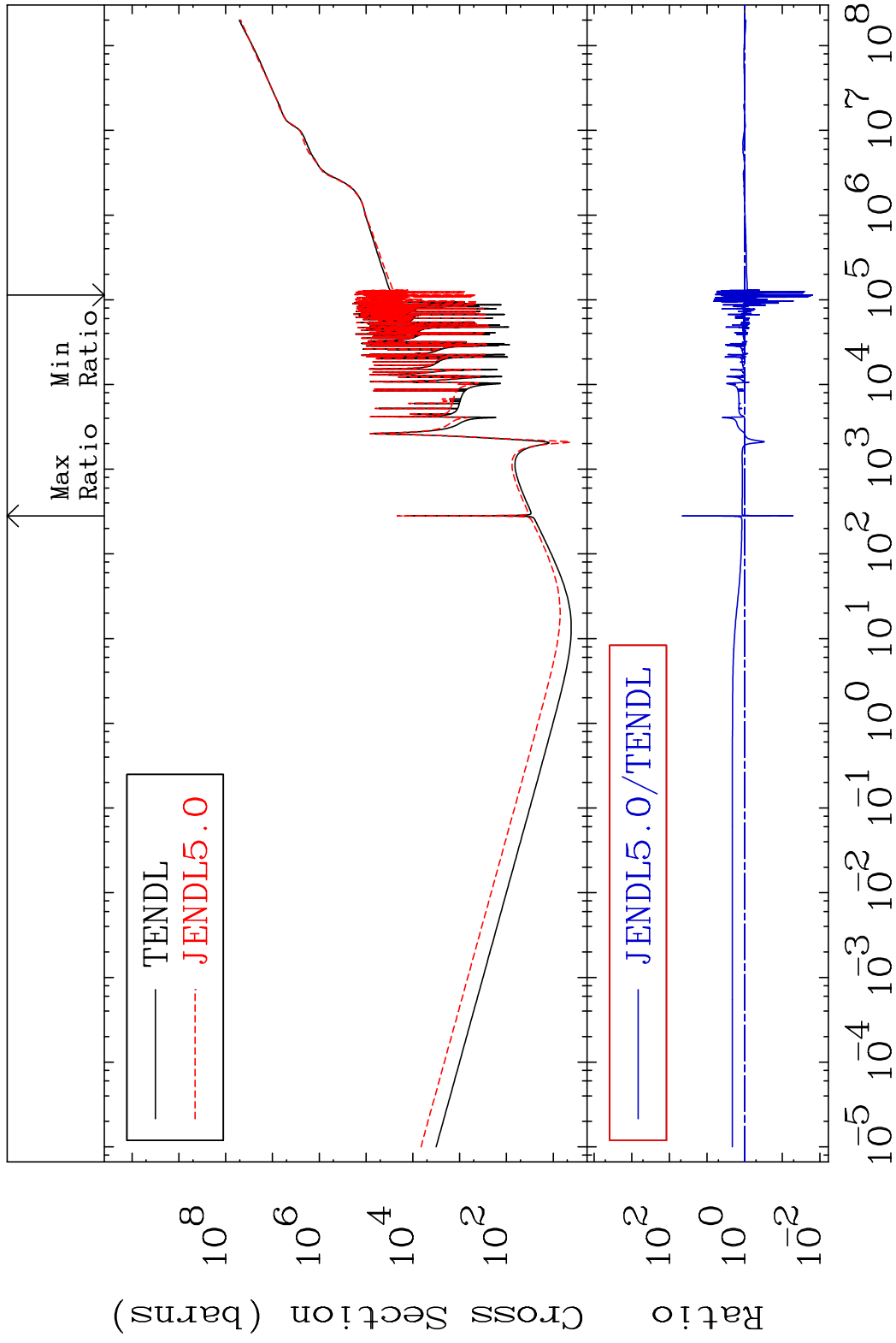
61 Incident Energy (eV) 30-Zn-64

MAT 3025 Total photon (eV-barns) 30-Zn-64
 Cross Section -99.83 To 9999. %

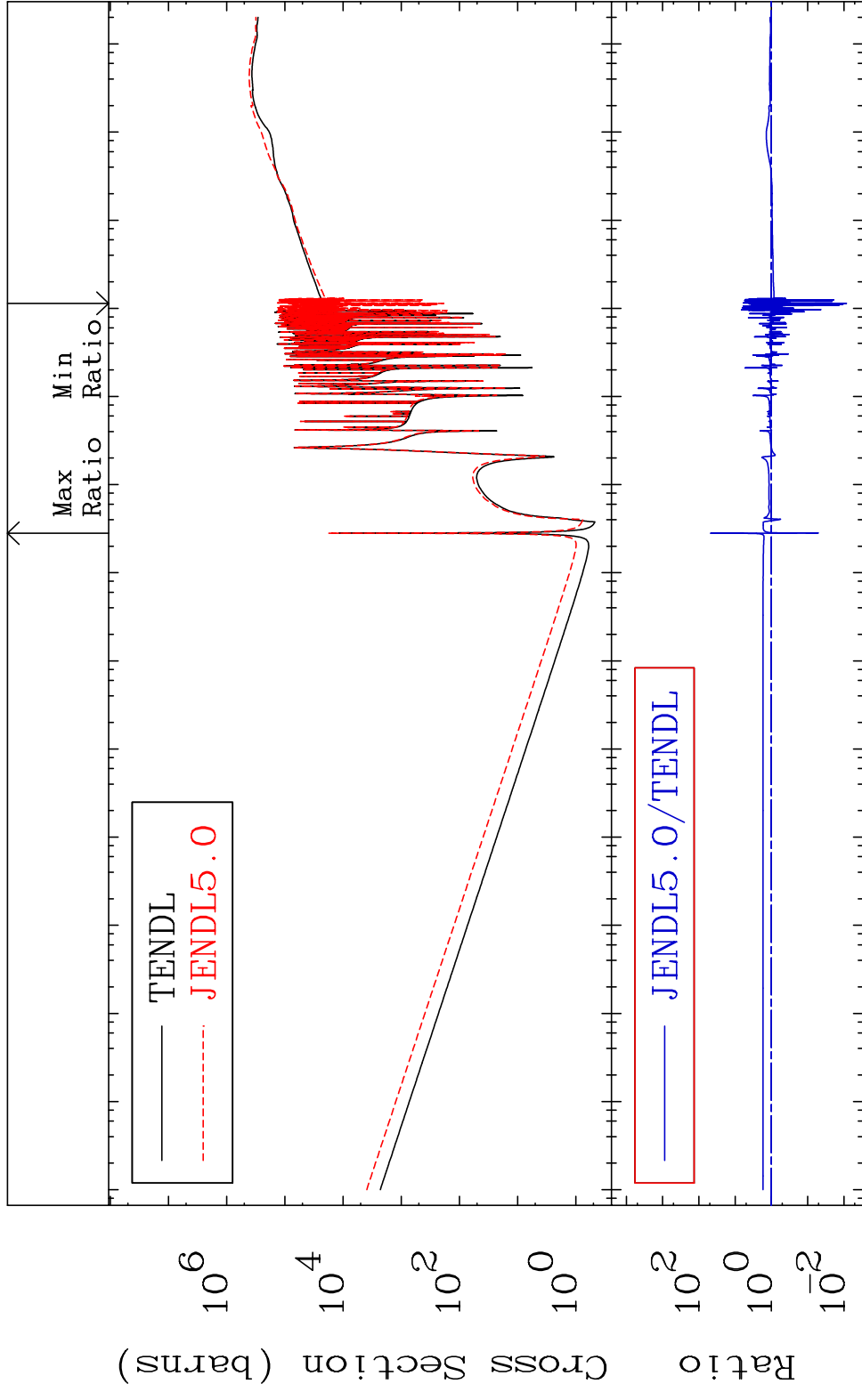


62 Incident Energy (eV) 30-Zn-64

MAT 3025 Total kinematic kerma (high limit) 30-Zn-64
 Cross Section -98.43 To 4414. %

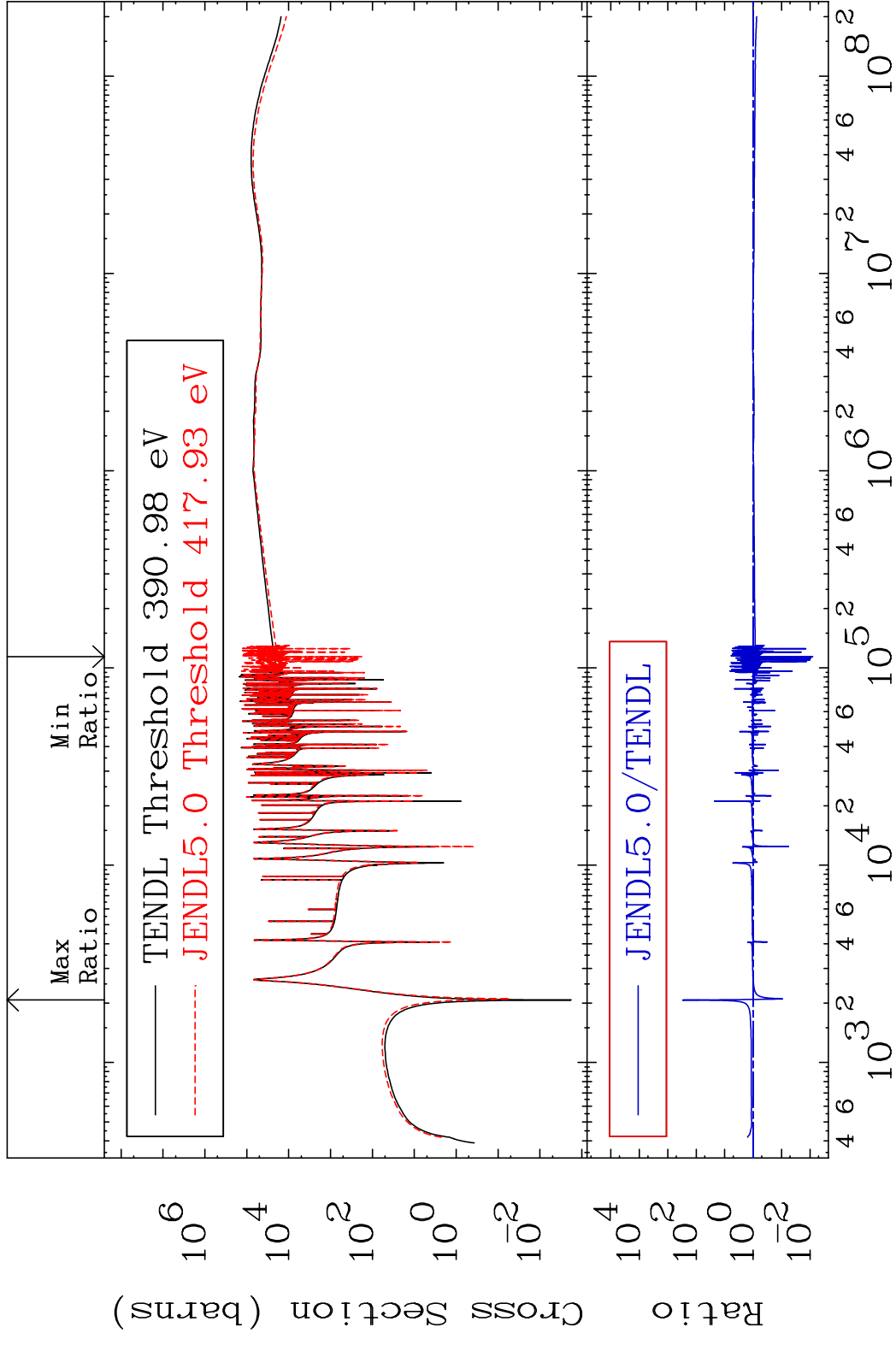


MAT 3025 Dpa total (eV-barns) 30-Zn-64
 Cross Section -99.14 To 4615. %

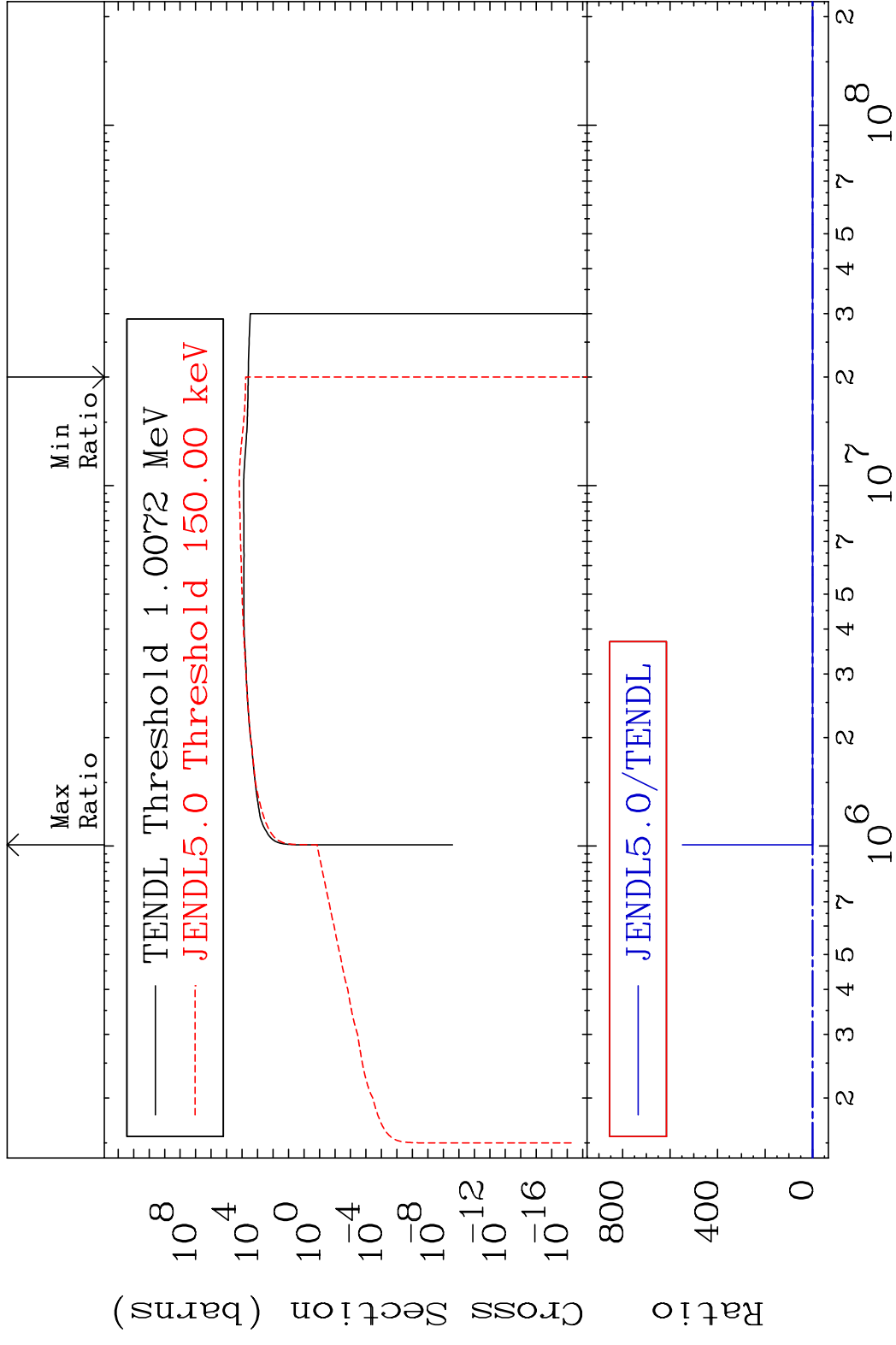


64 Incident Energy (eV) 30-Zn-64

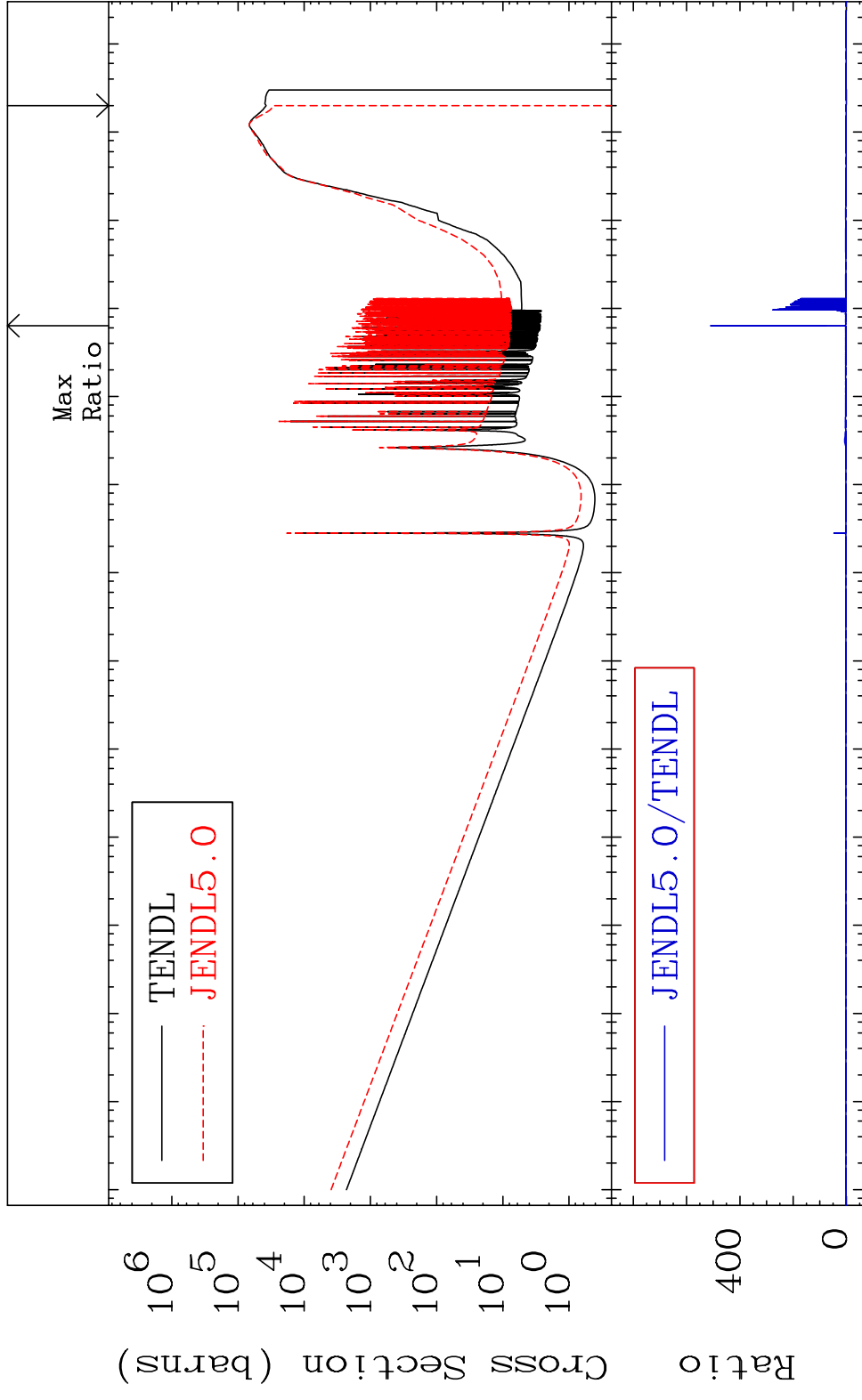
MAT 3025 Dpa elastic (mt2) 30-Zn-64
 Cross Section -99.18 To 9999. %



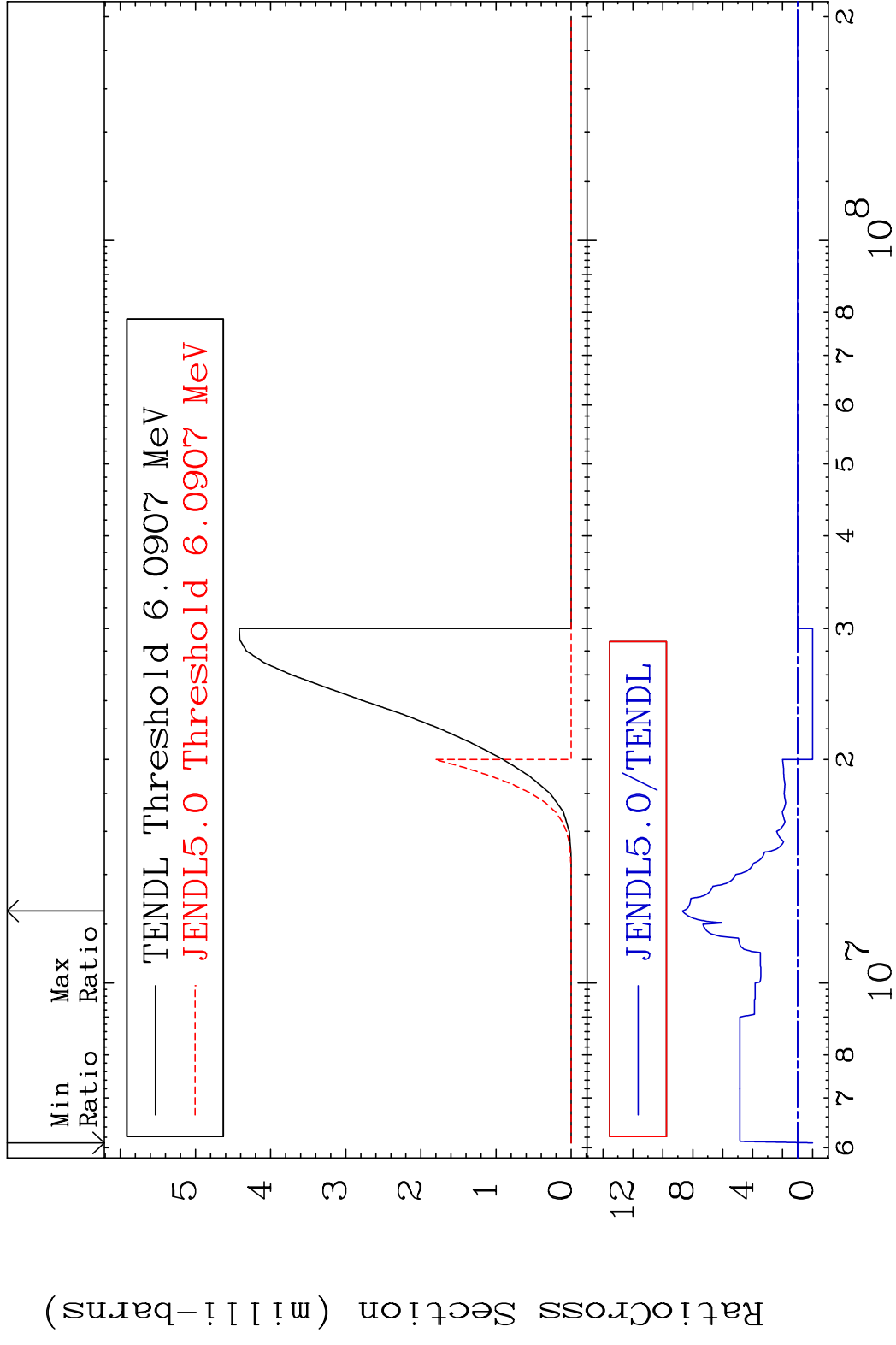
MAT 3025 Dpa inelastic (mt51-91) 30-Zn-64
 Cross Section -100.0 To 9999. %



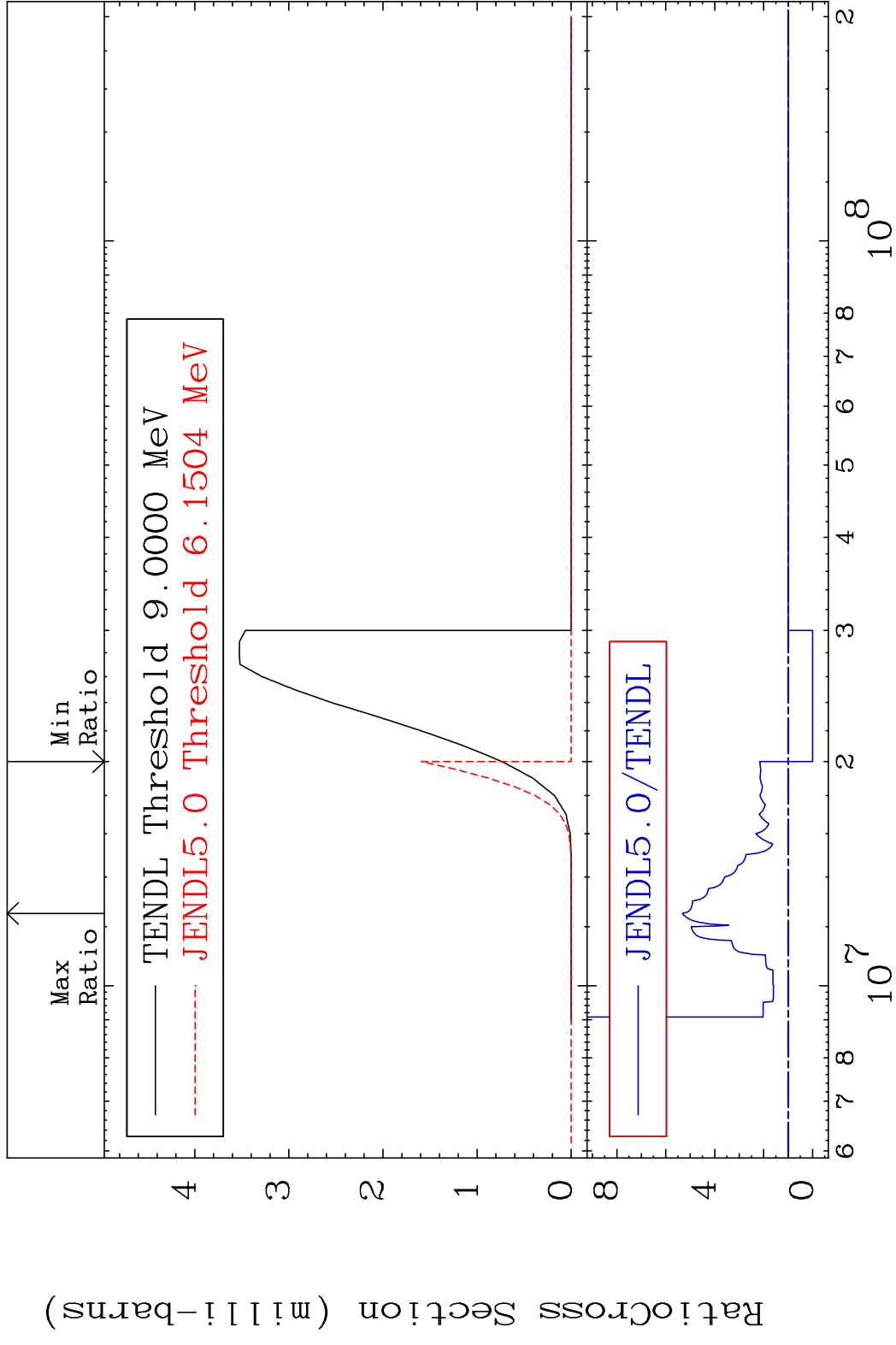
MAT 3025 Dpa disappearance (mt102 -120) 30-Zn-64
 Cross Section -100.0 To 9999. %



MAT 3025 (n,p) α :27-Co-60g 30-Zn-64
 Radionuclide Production Cross Section 1800.0 dth 769.7 %

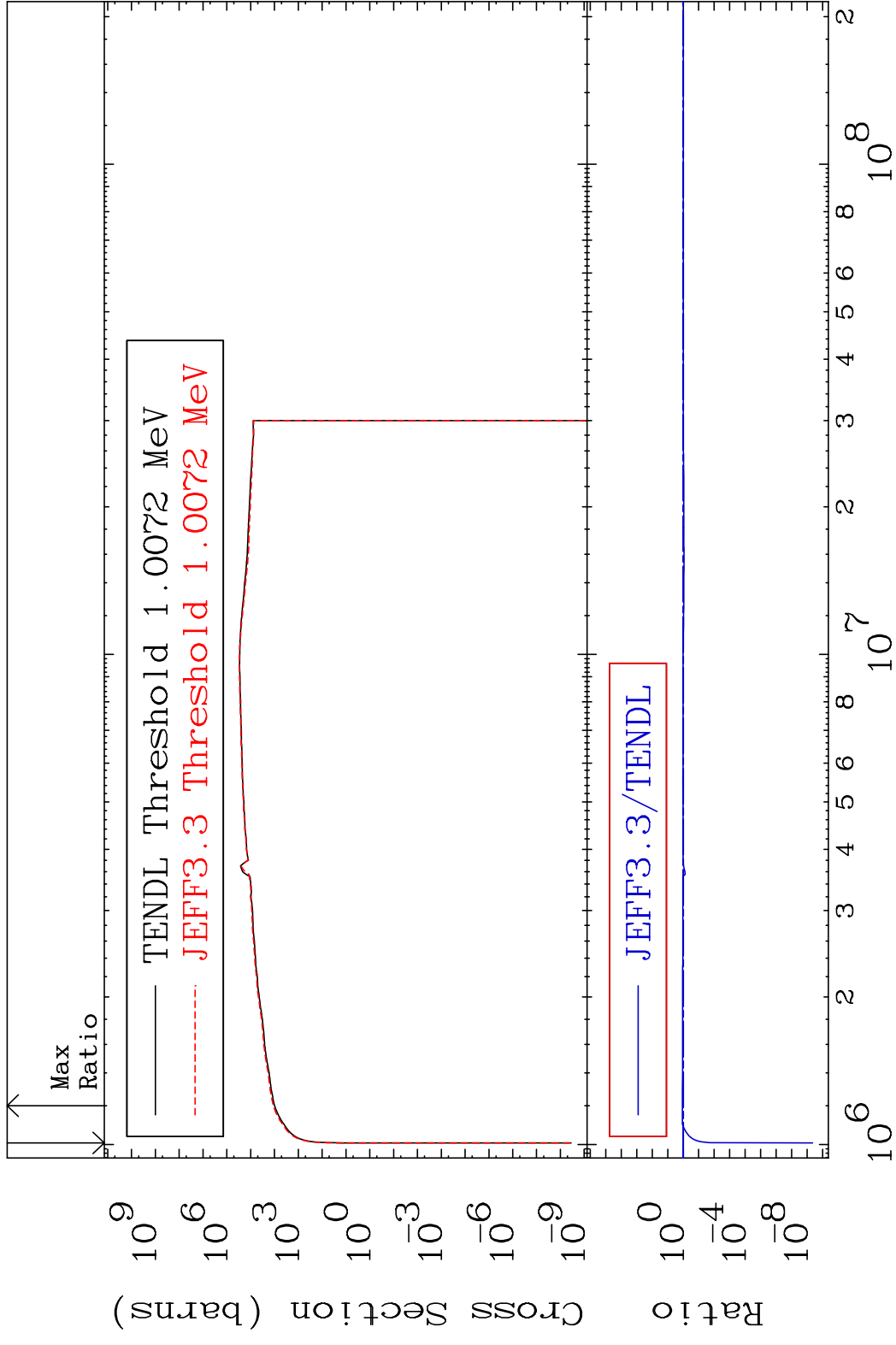


MAT 3025 (n, p) α :27-Co-60m1 30-Zn-64
 Radionuclide Production Cross Section 180.0 dth 432.2 %



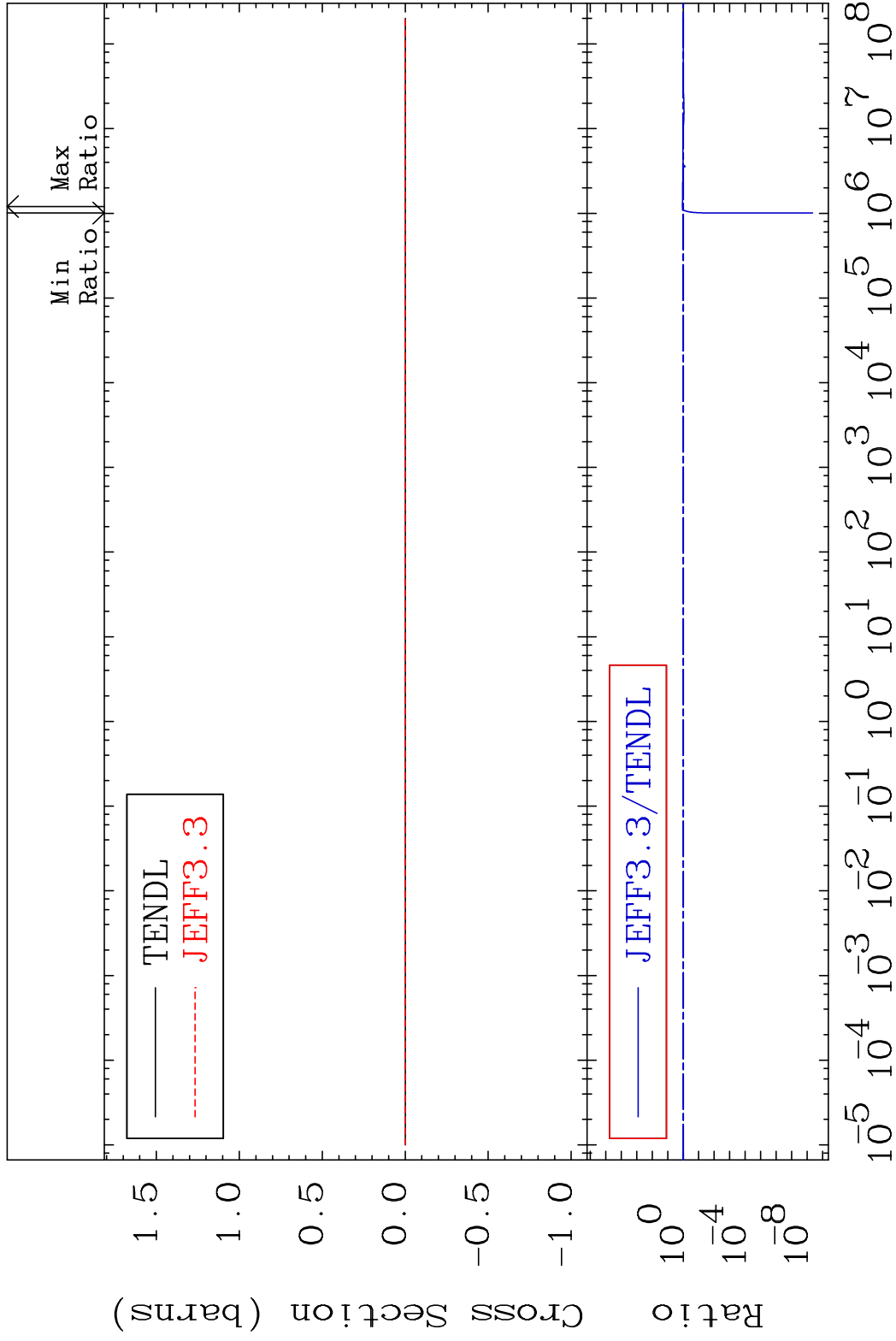
69 30-Zn-64

MAT 3025 Kerma inelastic (mt51-91) 30-Zn-64
 Cross Section -100.0 To 13.50 %



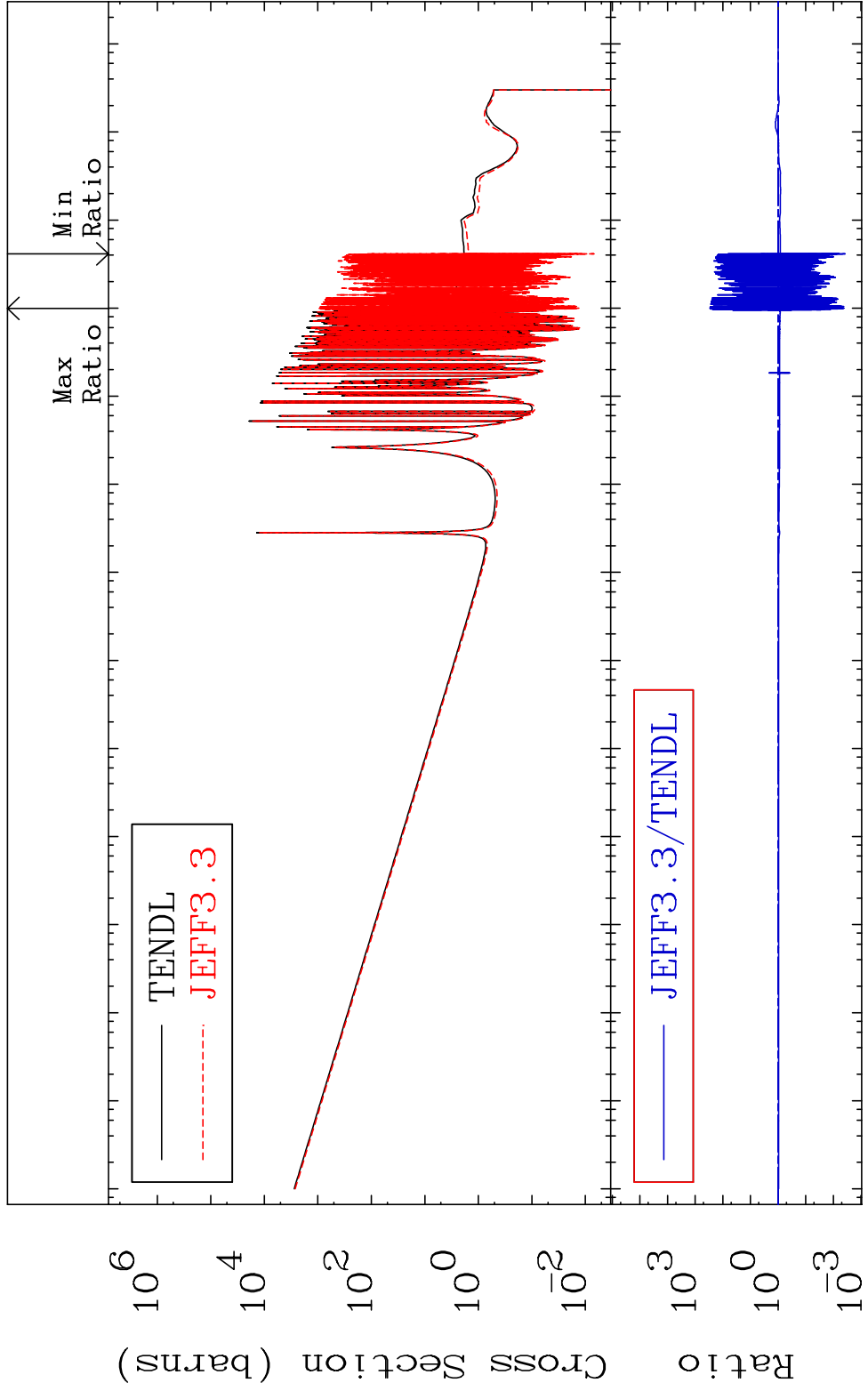
70 Incident Energy (eV) 30-Zn-64

MAT 3025 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-64
 Cross Section -100.0 To 13.50 %



MAT 3025

Kerma capture (mt102) 30-Zn-64
Cross Section -99.63 To 9999. %



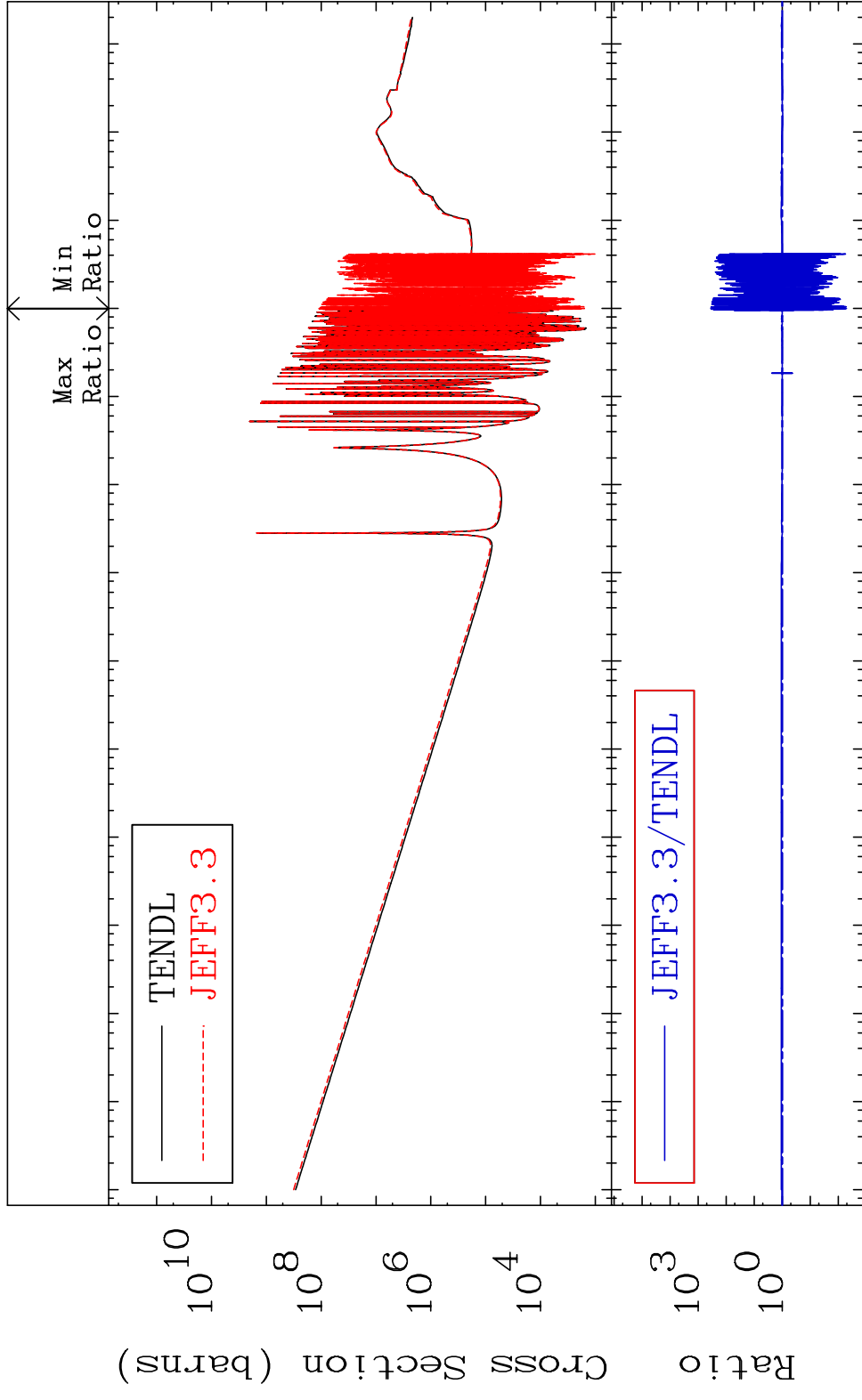
72

Incident Energy (eV)

30-Zn-64

MAT 3025

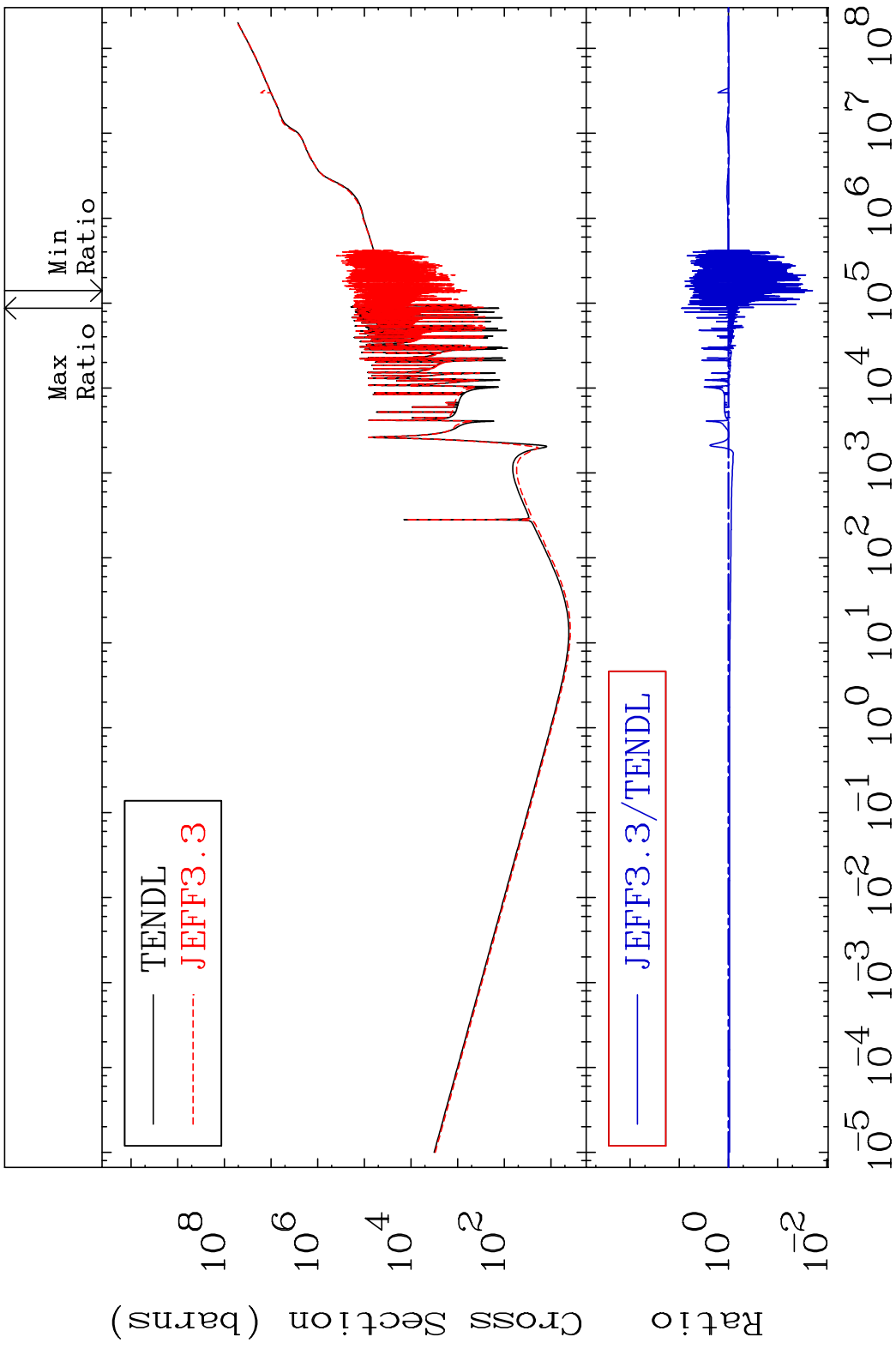
Total photon (eV-barns) 30-Zn-64
Cross Section -99.48 To 9999. %



73

Incident Energy (eV) 30-Zn-64

MAT 3025 Total kinematic kerma (high limit) 30-Zn-64
Cross Section -98.04 To 791.6 %

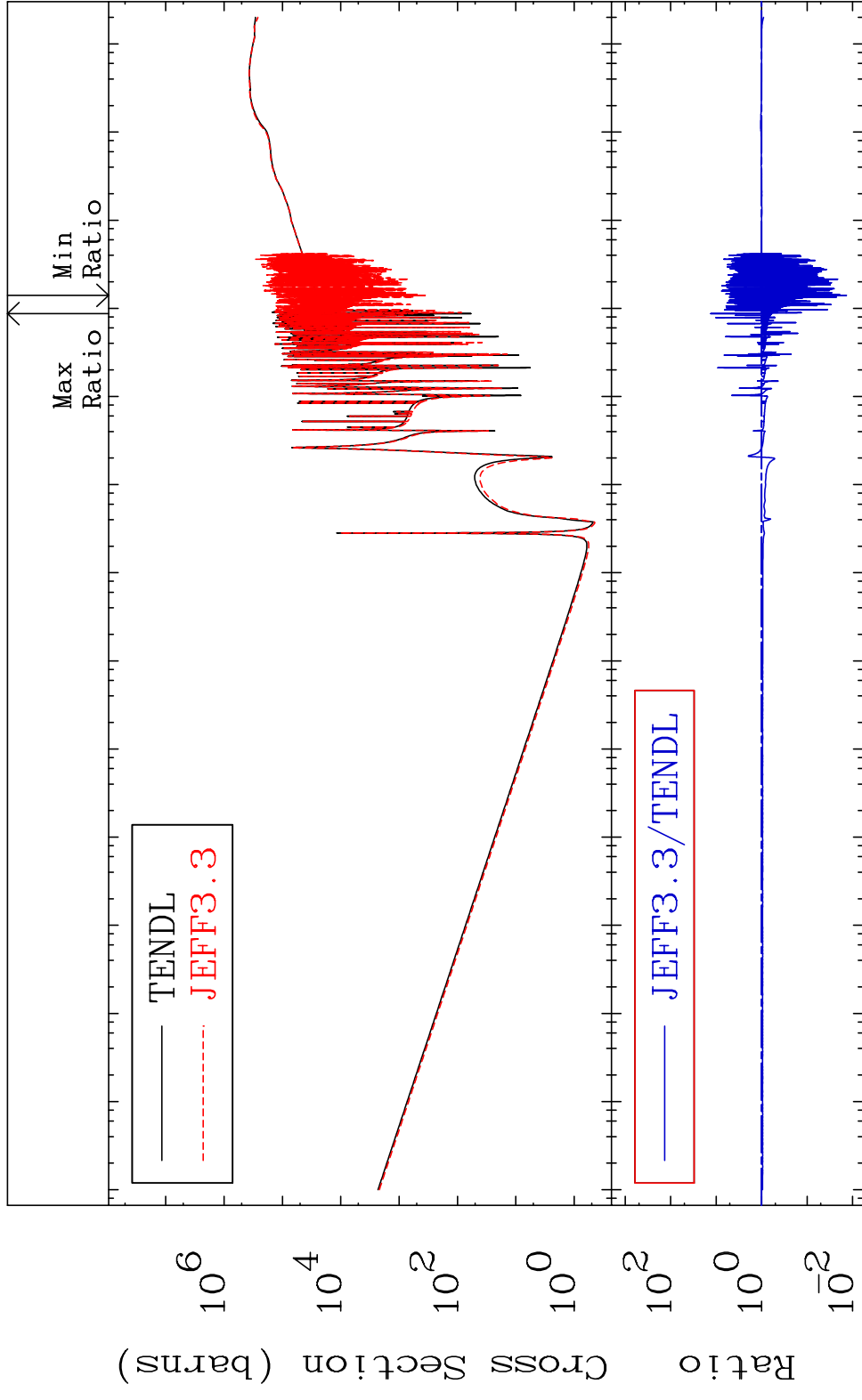


MAT 3025

Dpa total (eV-barns)

30-Zn-64

Cross Section -98.63 To 1219. %



75

Incident Energy (eV)

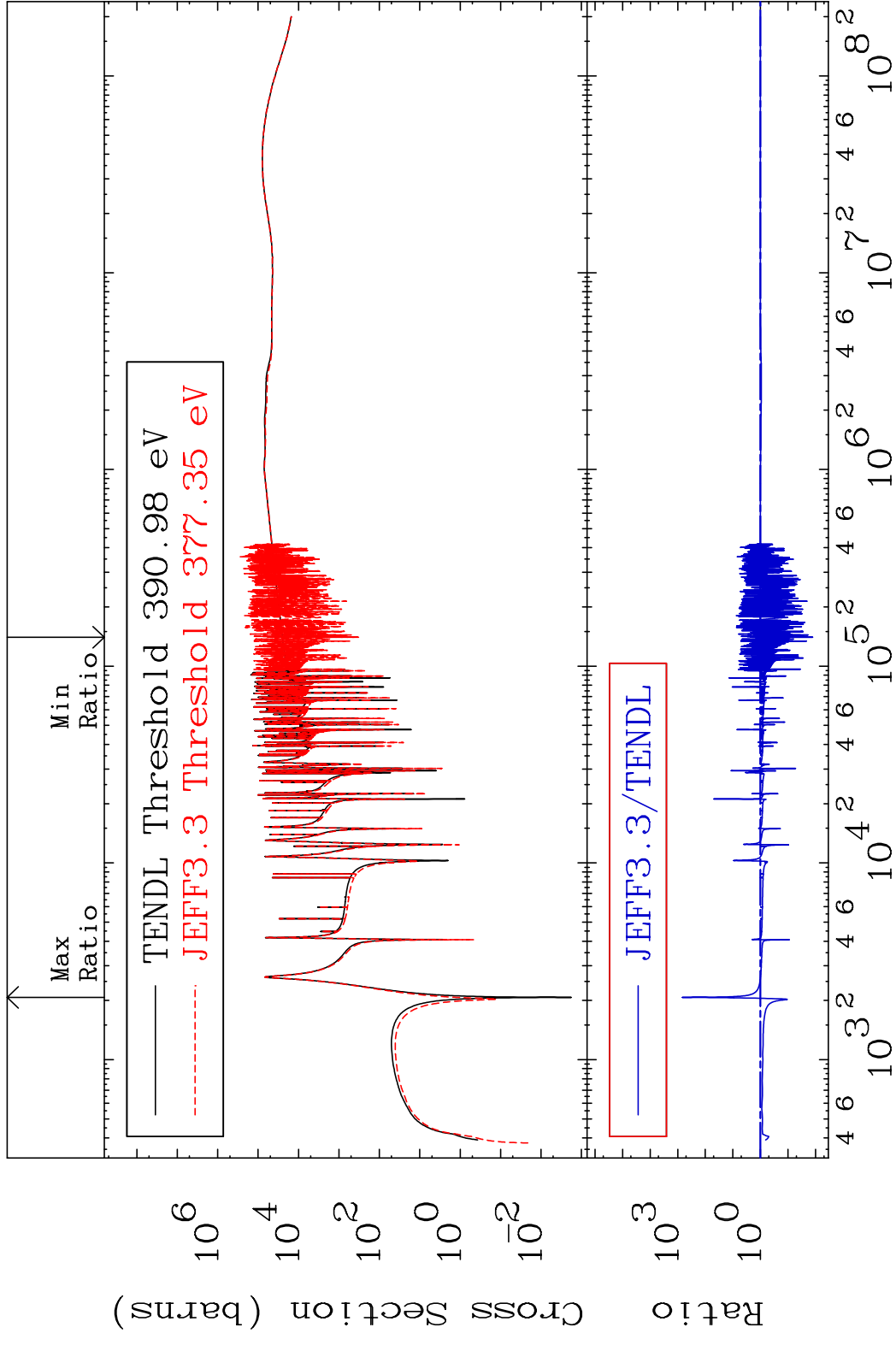
30-Zn-64

MAT 3025

Dpa elastic (mt2)

30-Zn-64

Cross Section -98.71 To 9999. %

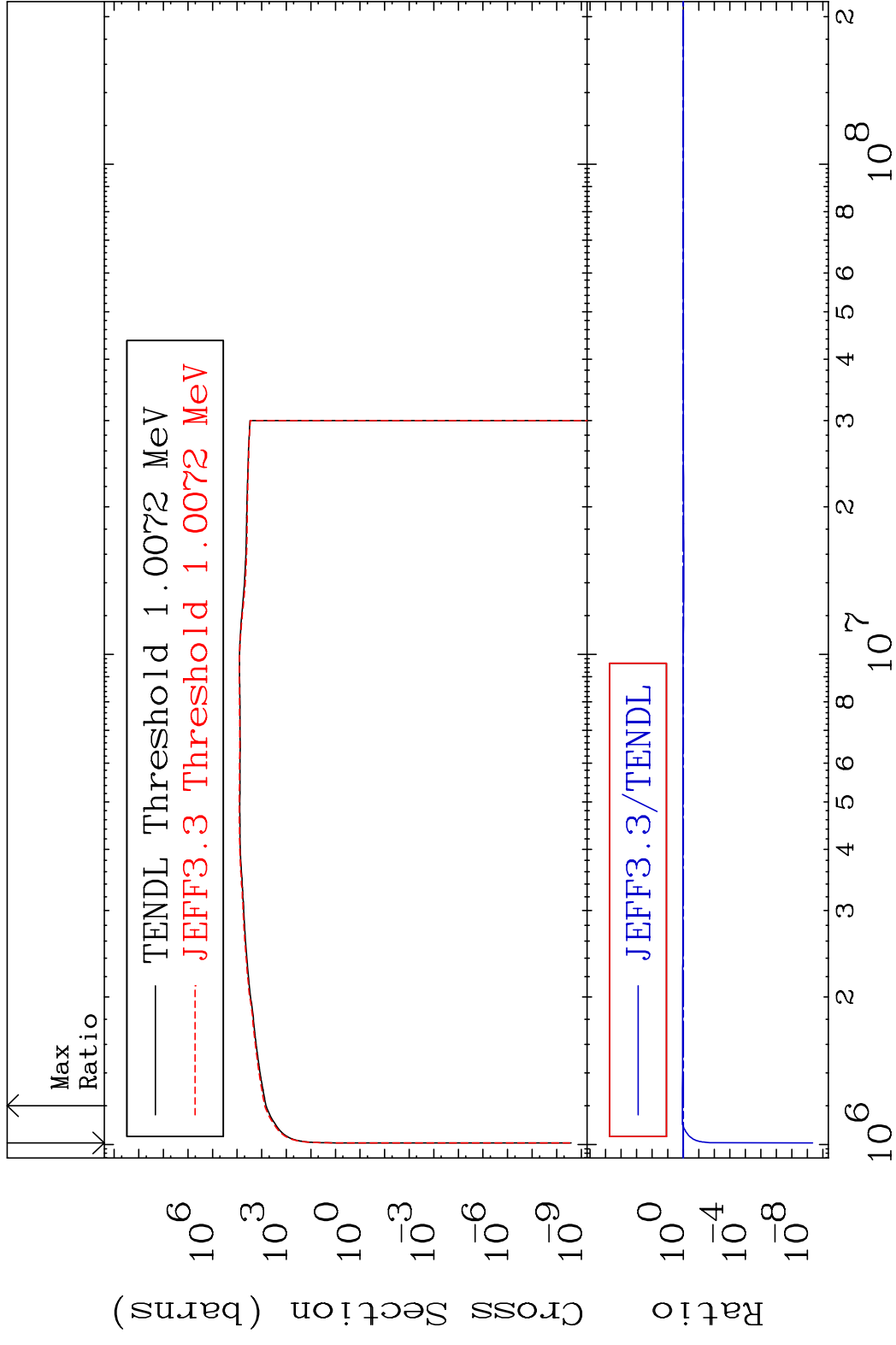


76

Incident Energy (eV)

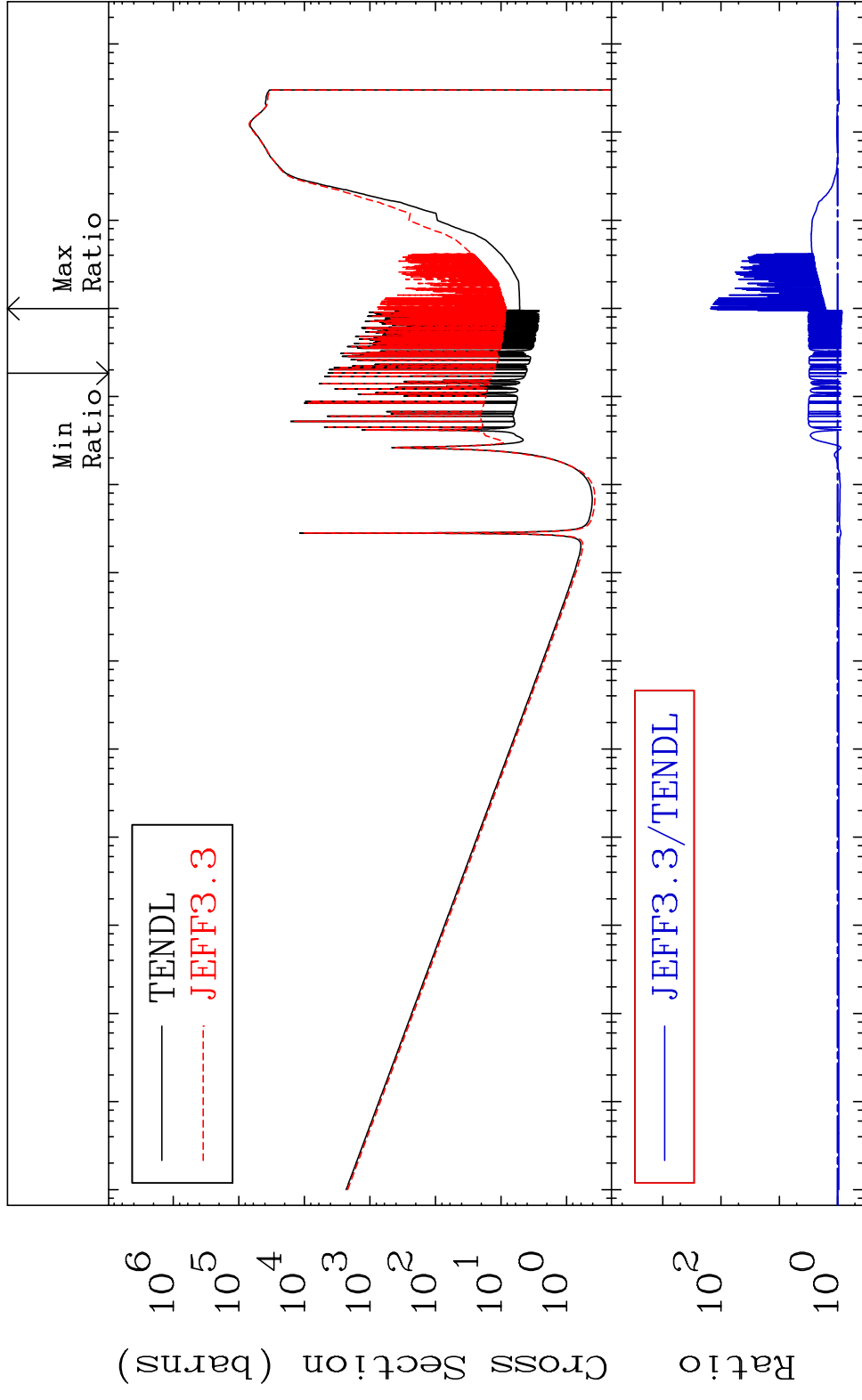
30-Zn-64

MAT 3025 Dpa inelastic (mt51-91) 30-Zn-64
 Cross Section -100.0 To 13.50 %

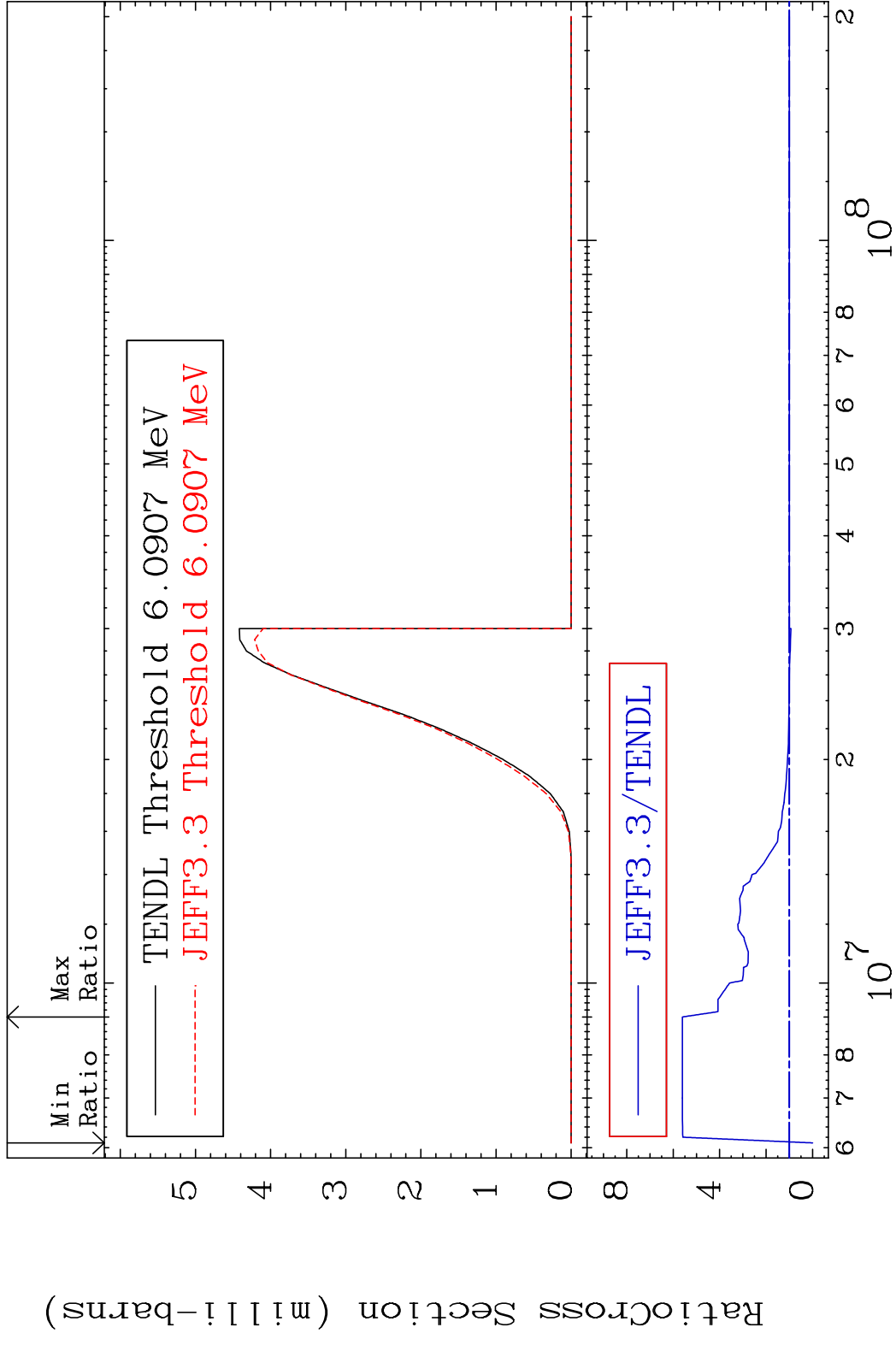


77 Incident Energy (eV) 30-Zn-64

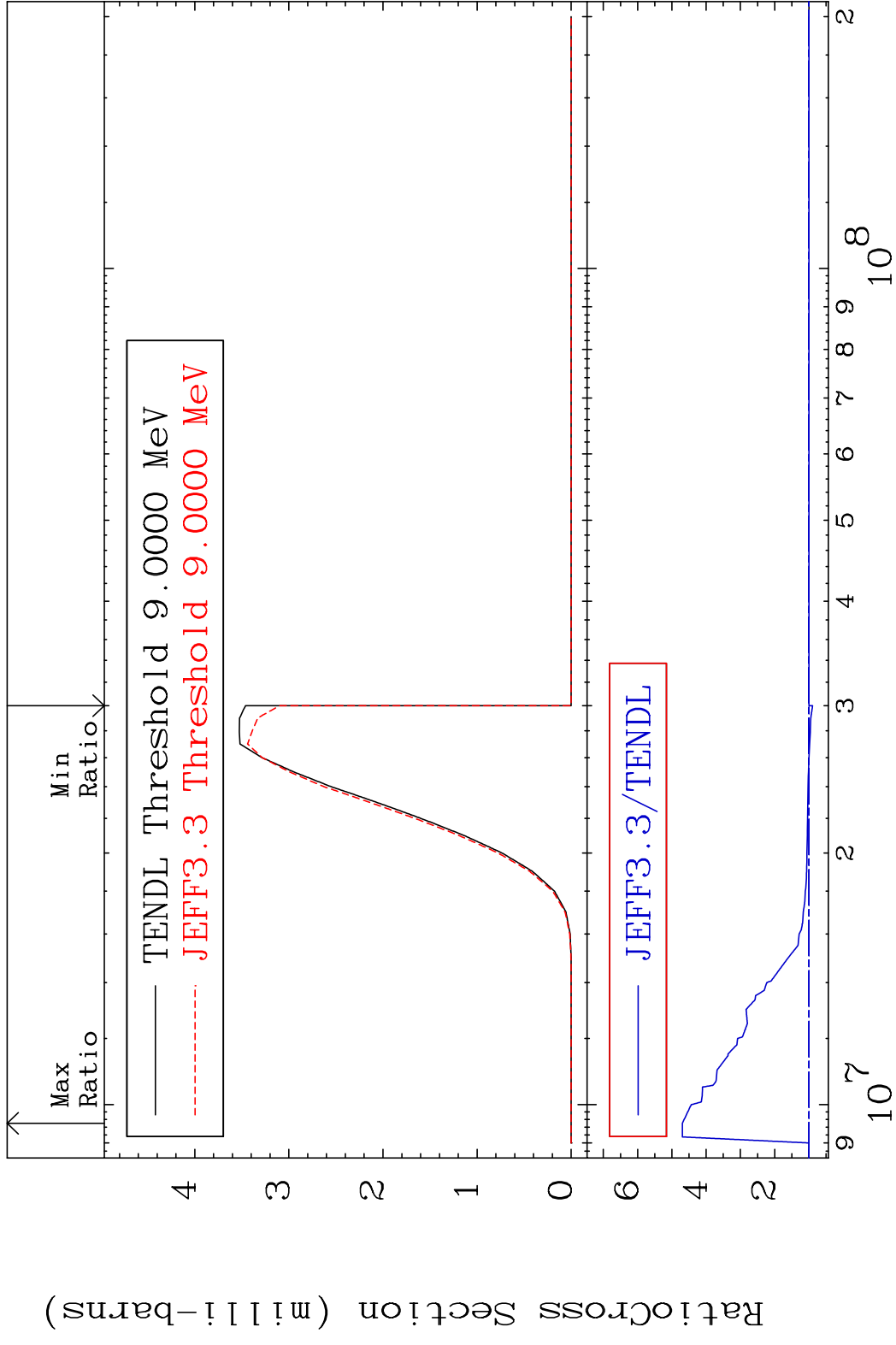
MAT 3025 Dpa disappearance (mt102 -120) 30-Zn-64
 Cross Section -29.43 To 9999. %



MAT 3025 (n, p) α :27-Co-60g 30-Zn-64
 Radionuclide Production Cross Section 180.0 dth 460.7 %



MAT 3025 (n,p) α :27-Co-60m1 30-Zn-64
 Radionuclide Production Cross Section 186491 d10 369.5 %



80

Incident Energy (eV)

30-Zn-64