

Program Complot
(Version 2021-1)

by

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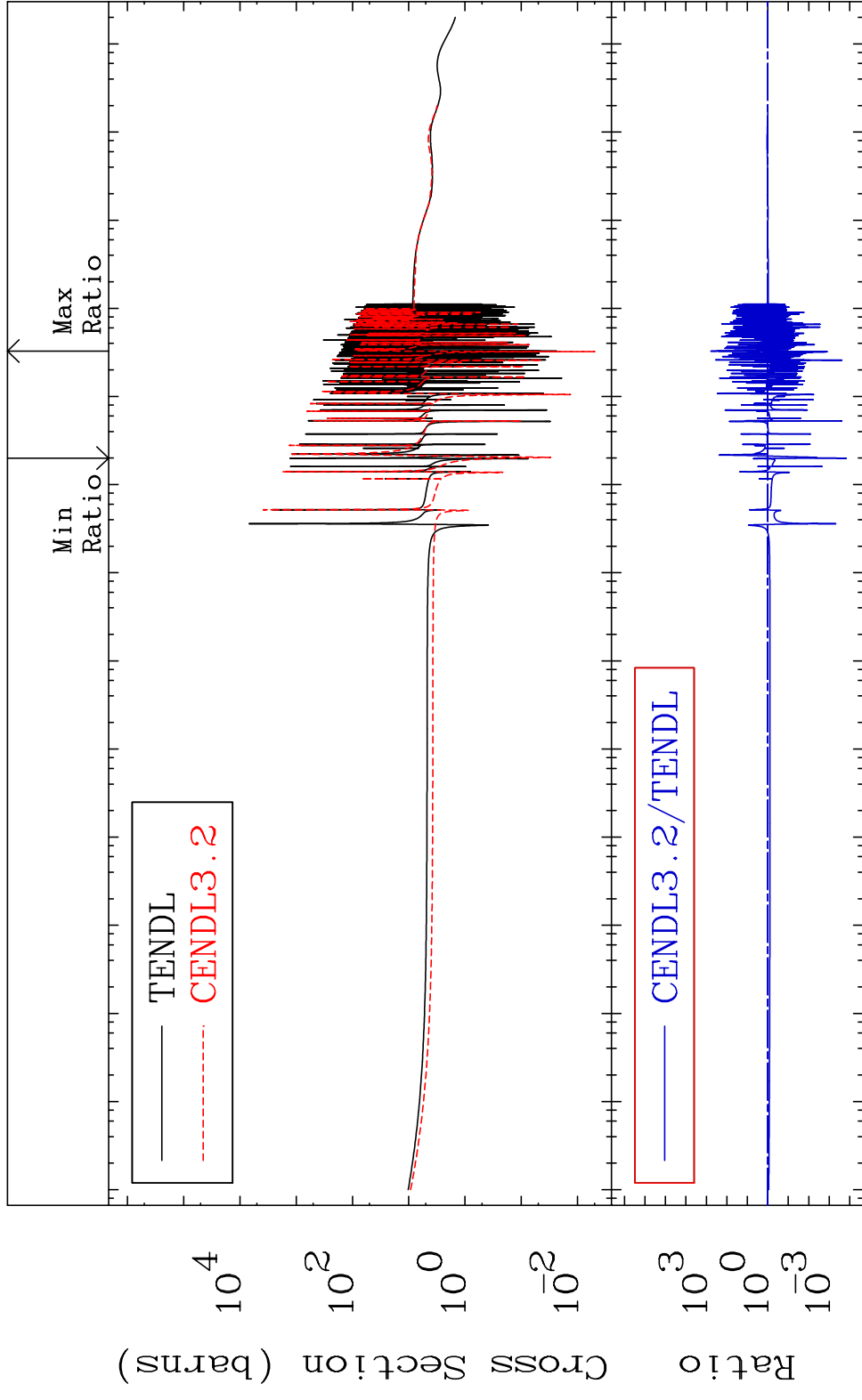
Press Mouse Button to Start

MAT 3643

36-Kr-84

Total

Cross Section -99.99 To 9999. %



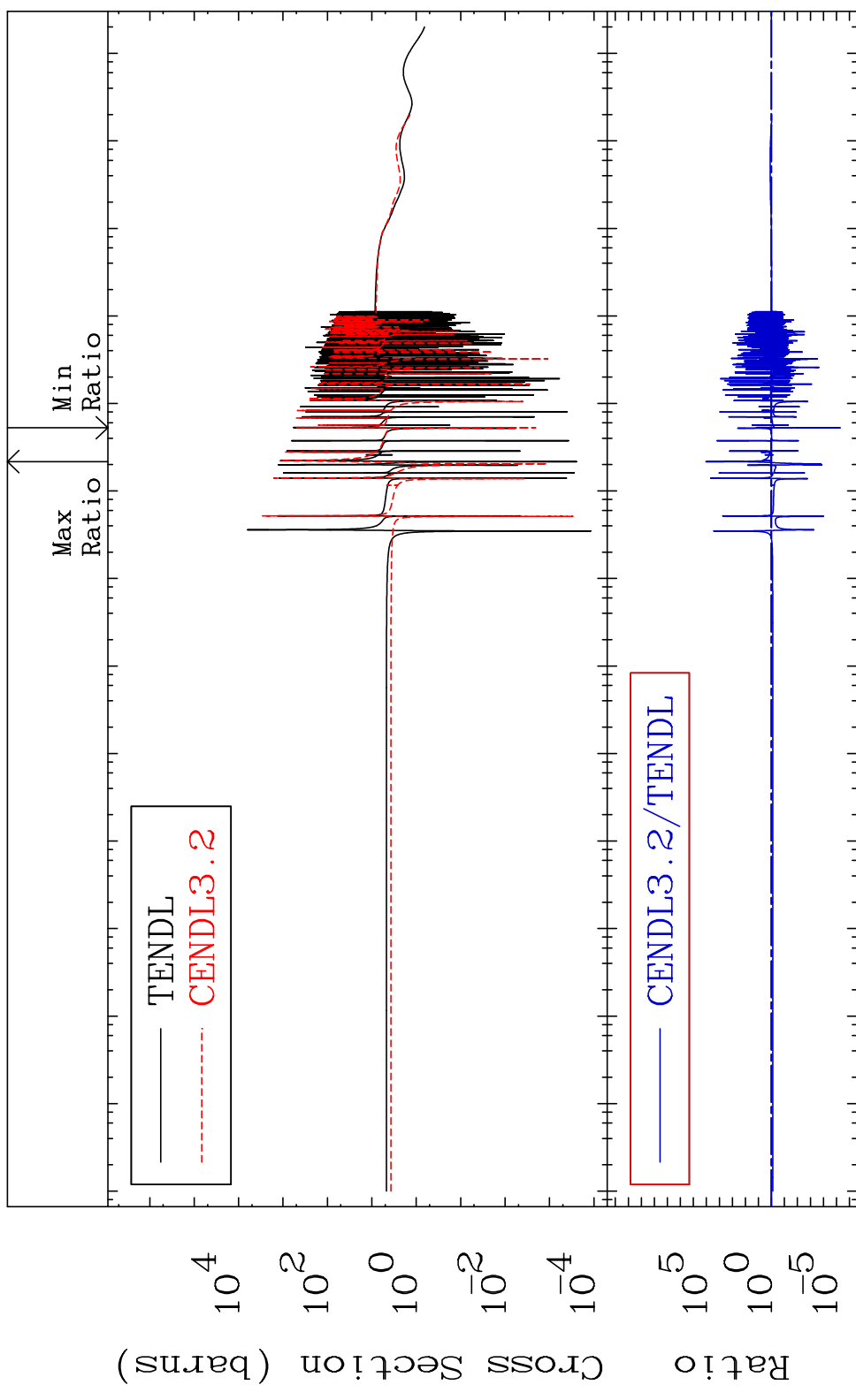
1

Incident Energy (eV)

36-Kr-84

MAT 3643

Elastic Cross Section -100.0 To 9999. %
36-Kr-84



2

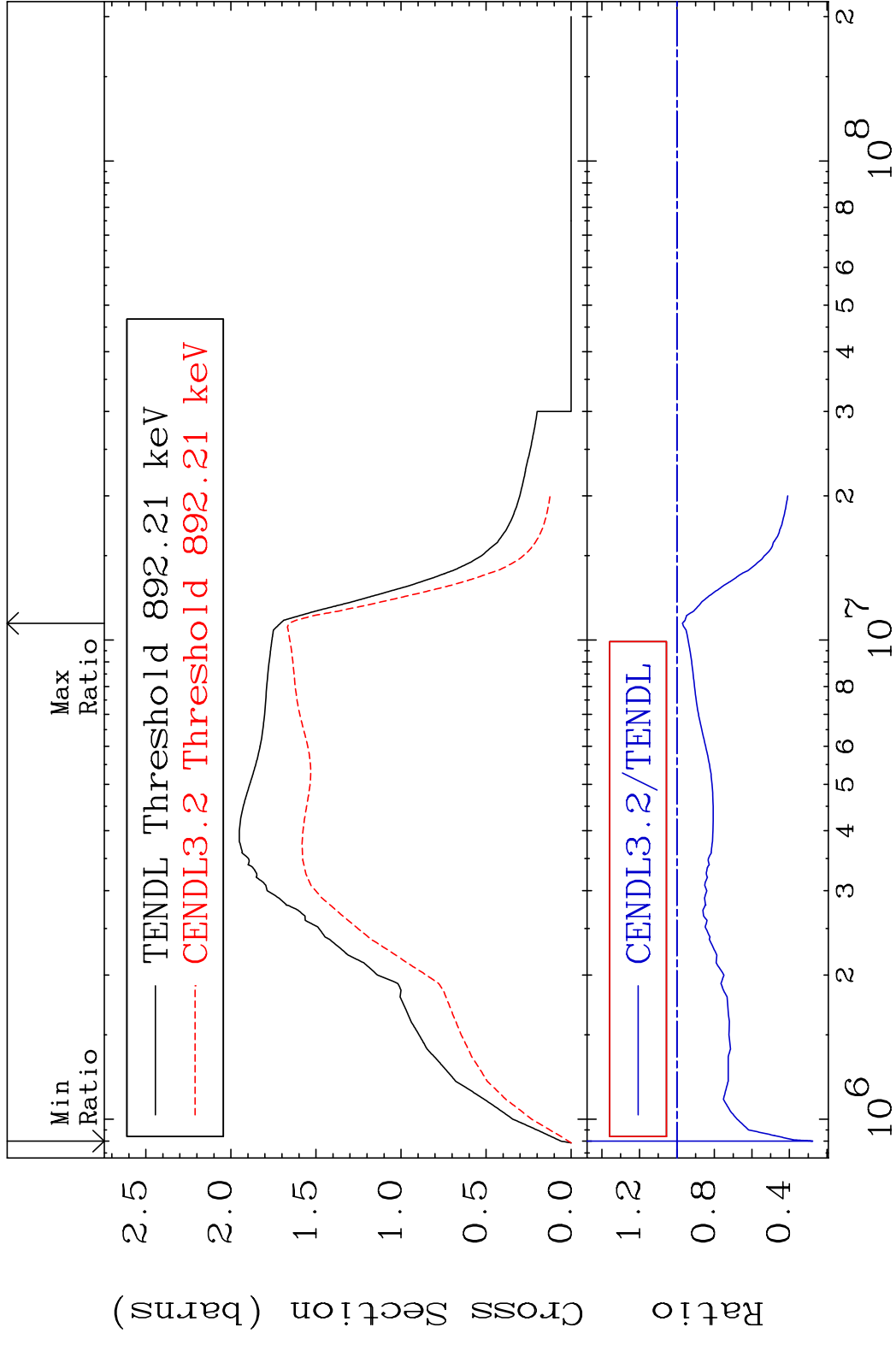
Incident Energy (eV)

36-Kr-84

MAT 3643

Inelastic Cross Section -72.32 To -2.899%

36-Kr-84

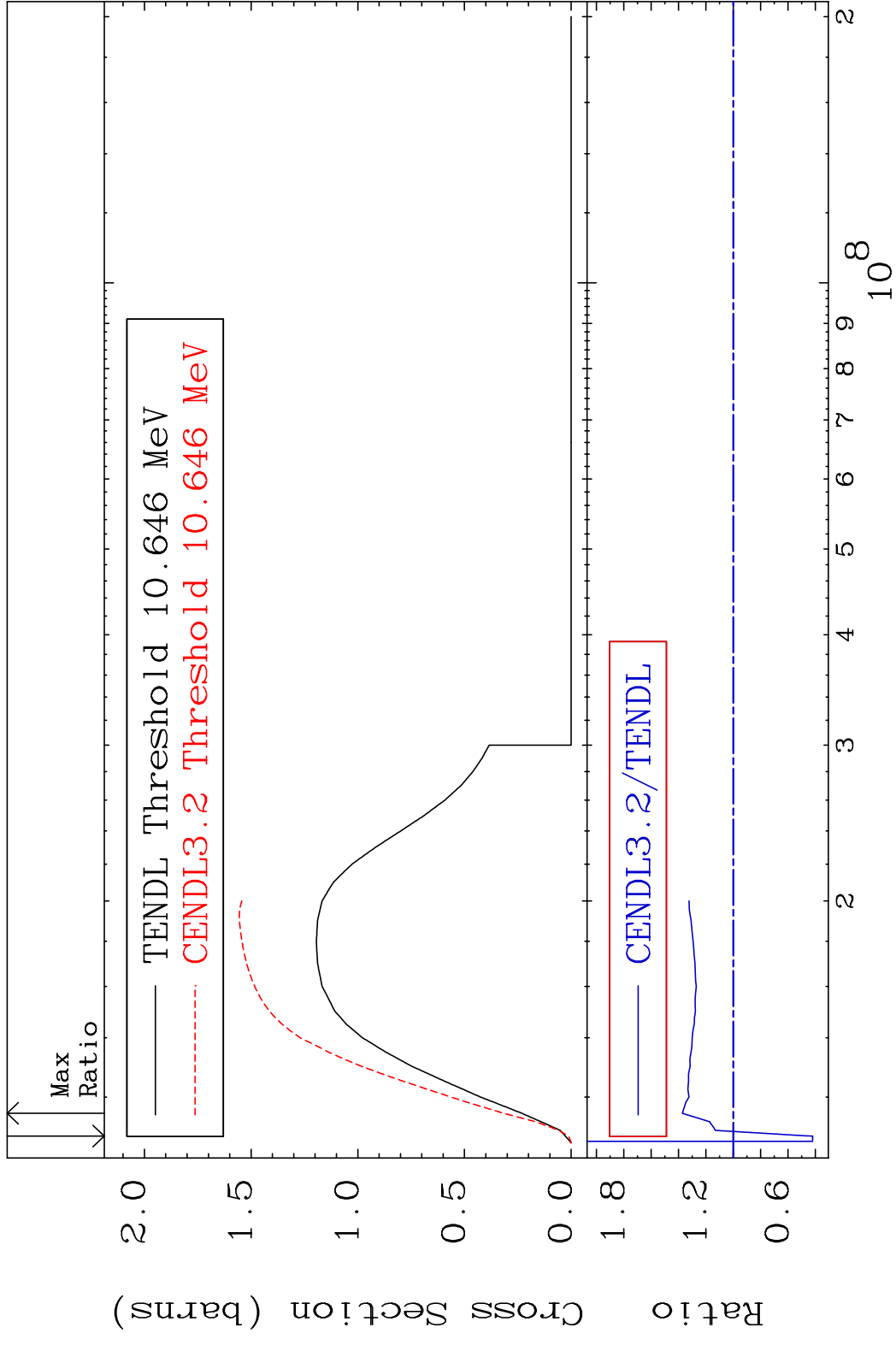


3

Incident Energy (eV)

36-Kr-84

MAT 3643 (n,2n) 36-Kr-84
 Cross Section -57.90 To 37.18 %

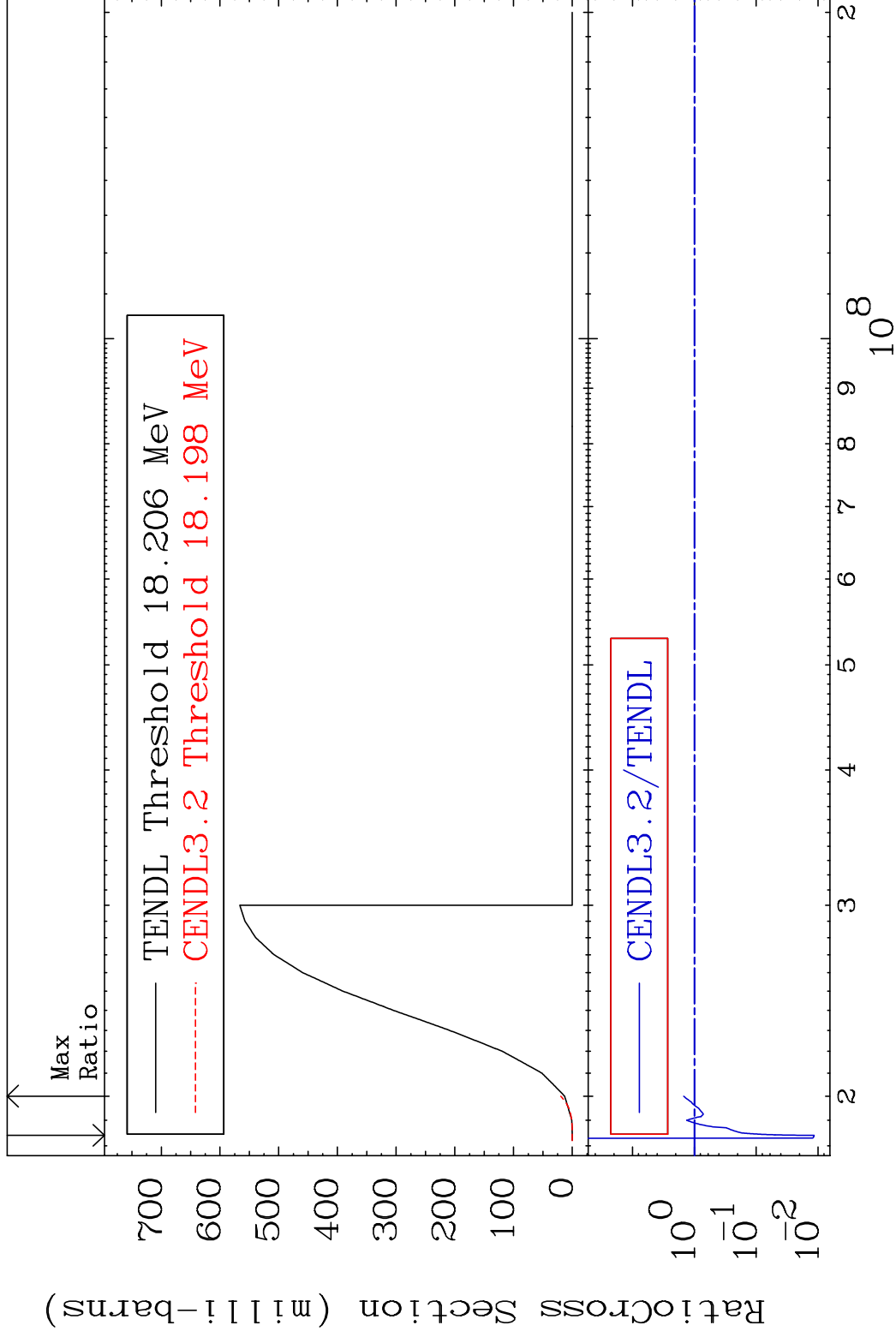


MAT 3643

(n,3n)

36-Kr-84

Cross Section -98.84 To 49.02 %

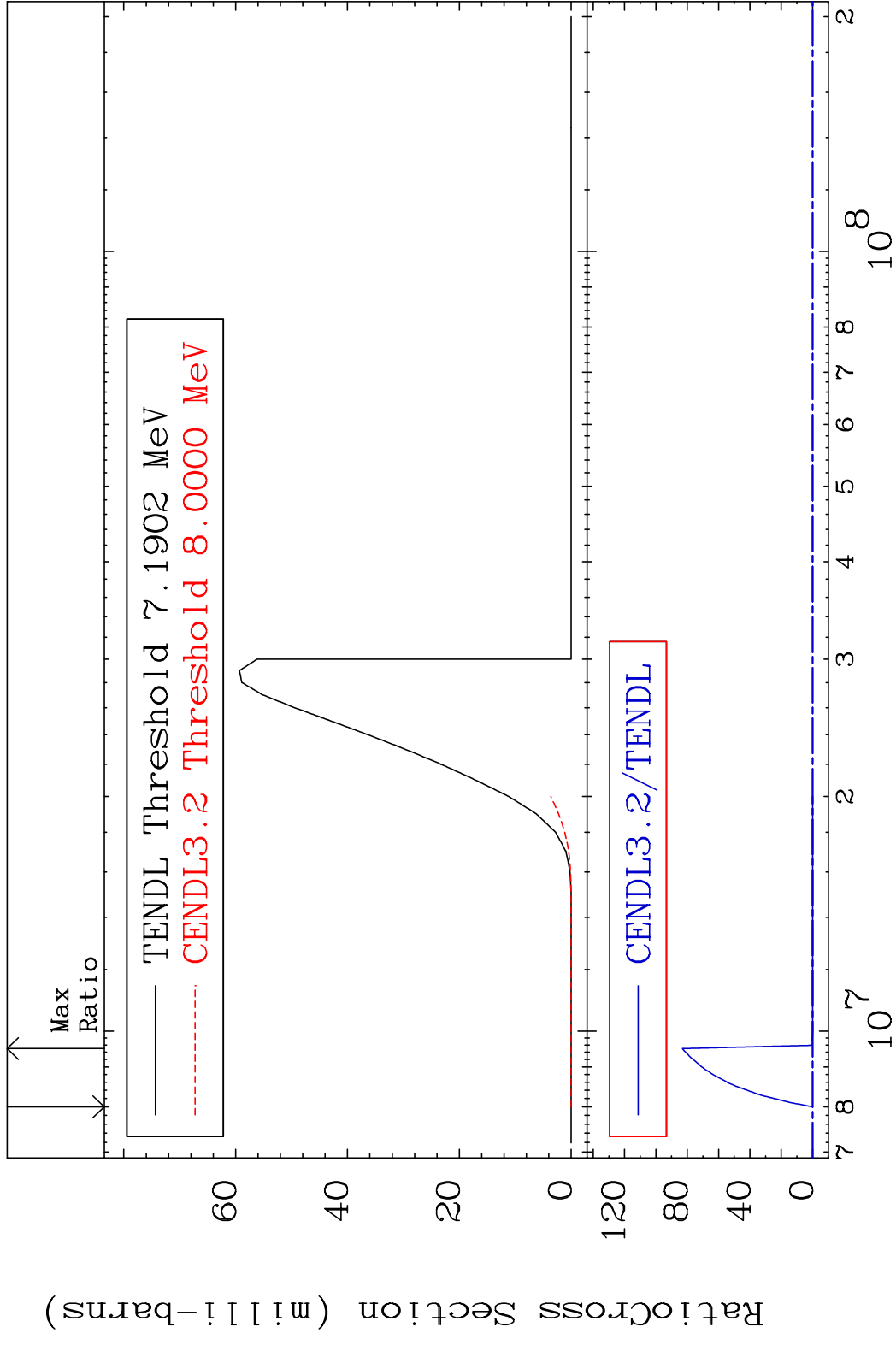


5

Incident Energy (eV)

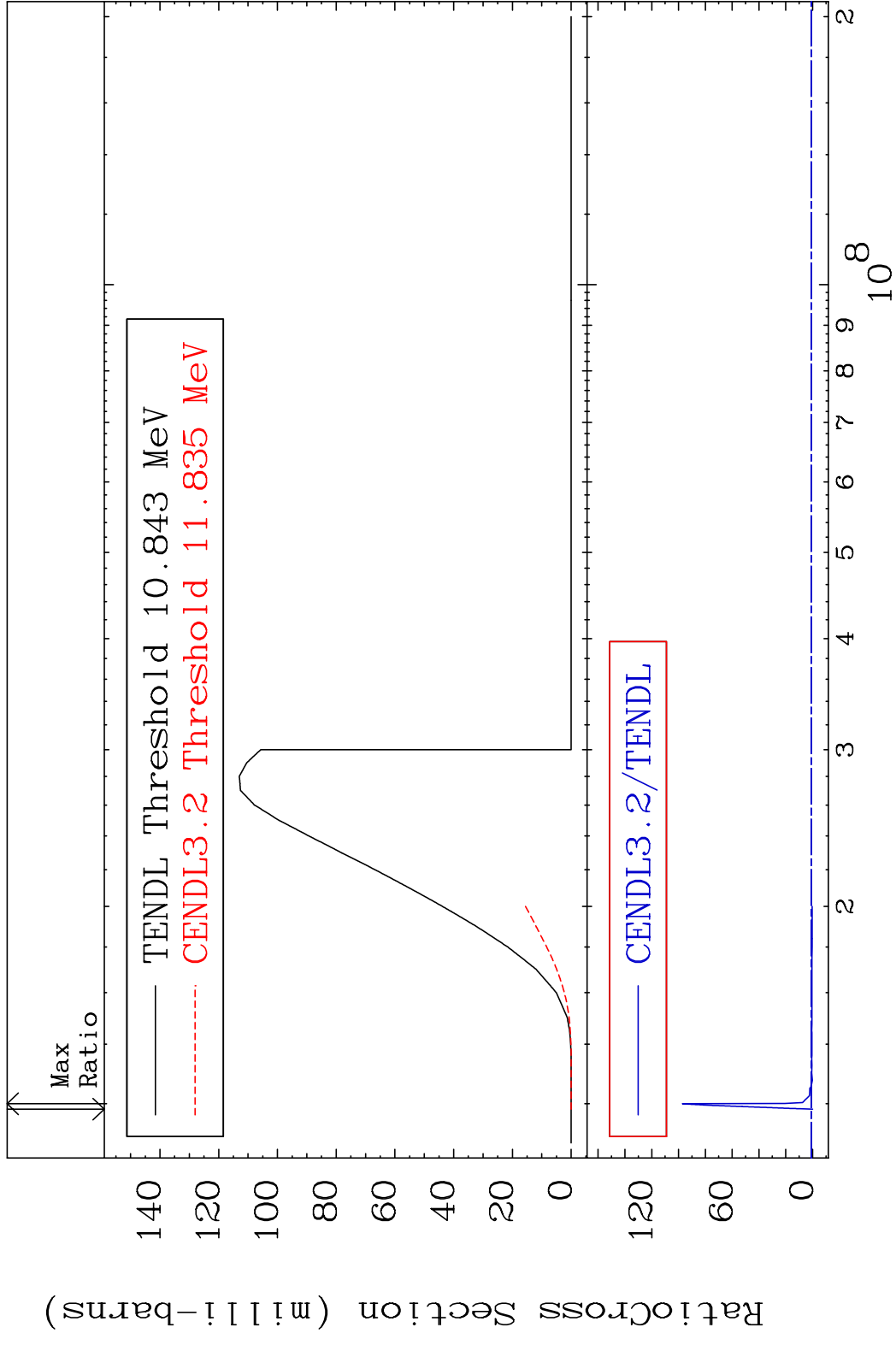
36-Kr-84

MAT 3643 (n, n') α 36-Kr-84
 Cross Section -100.0 To 9999. %

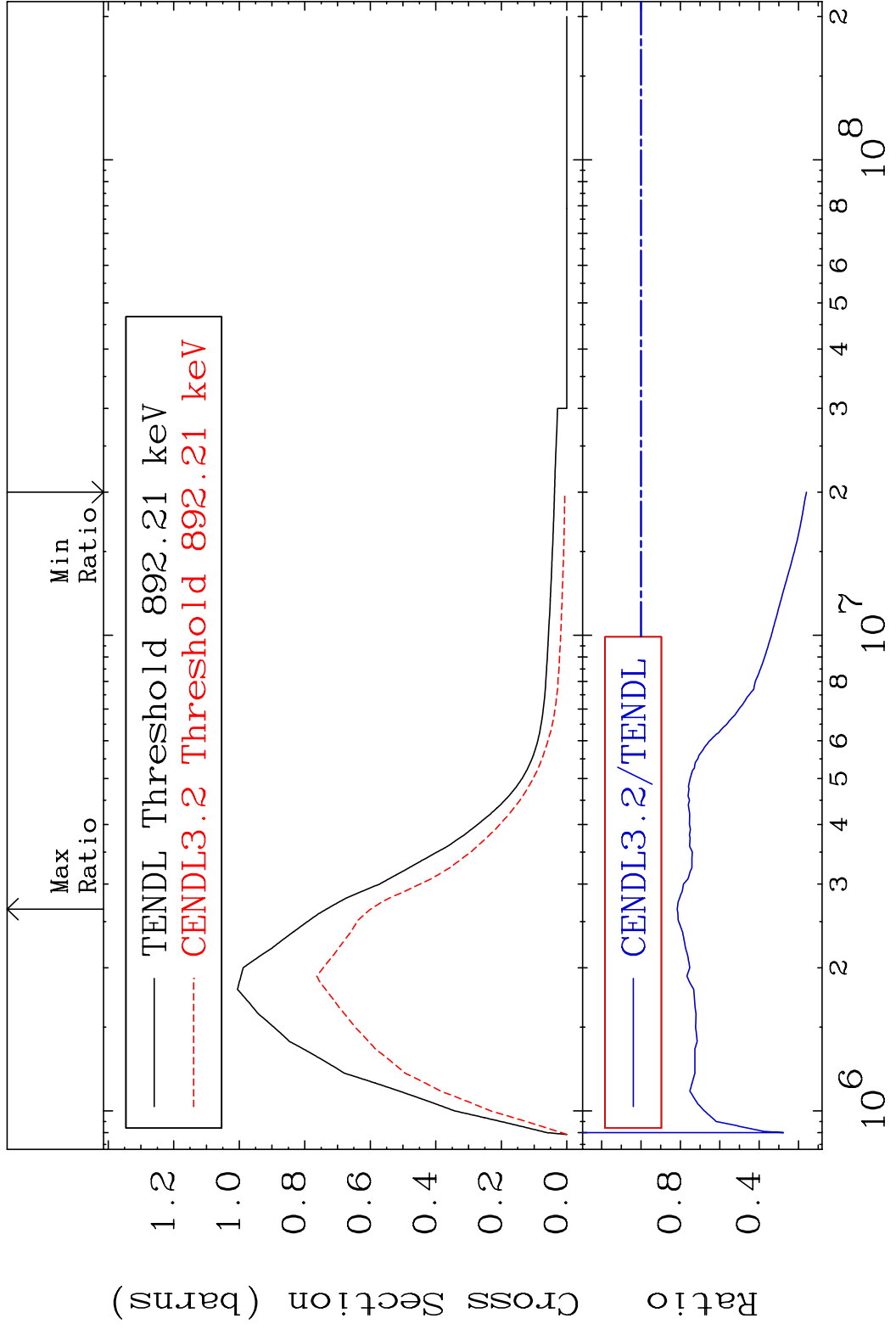


6 36-Kr-84

MAT 3643 (n, n') p 36-Kr-84
 Cross Section -100.0 To 9615. %

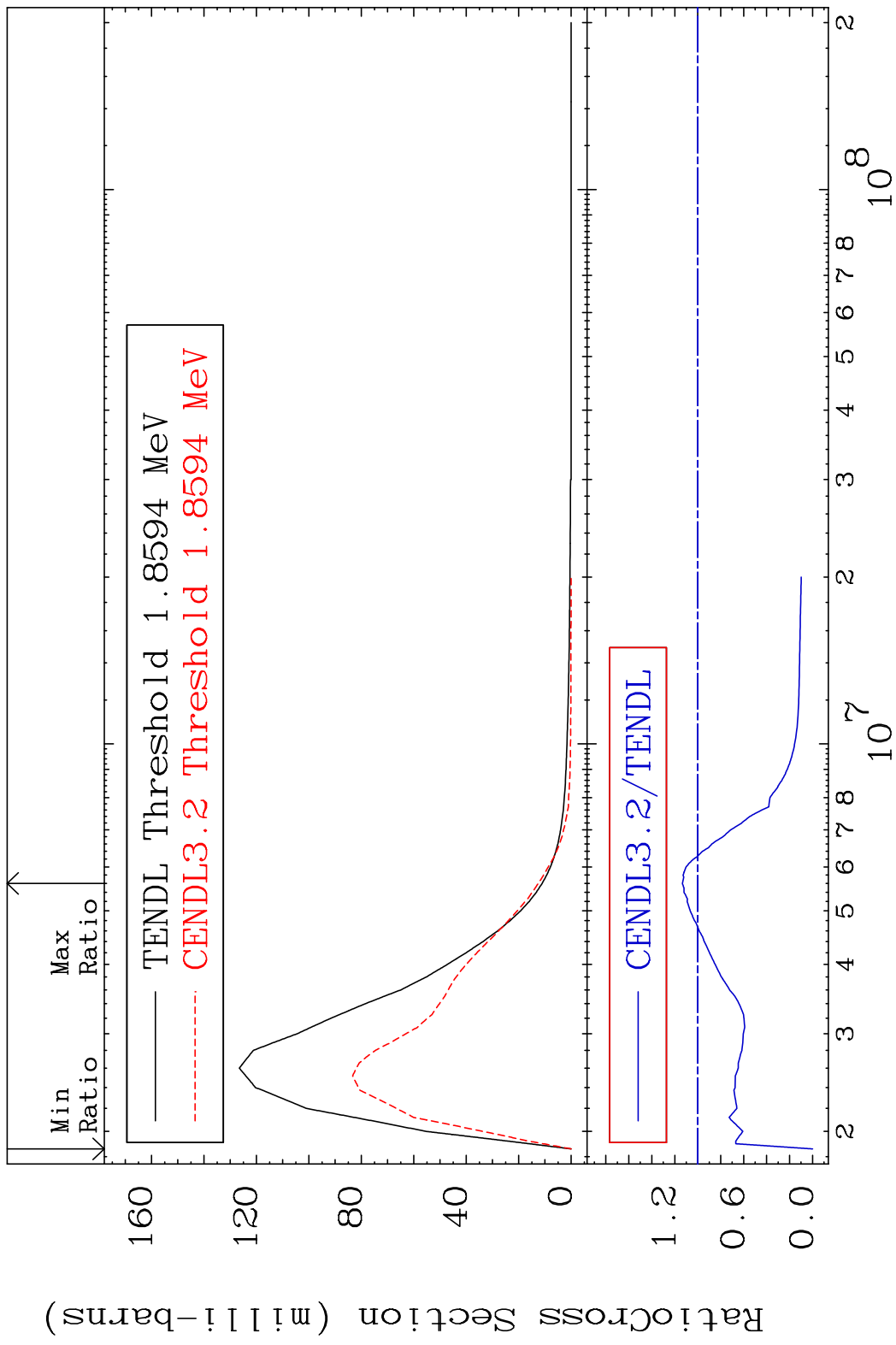


MAT 3643 MT= 51 (n, n') Level 36-Kr-84
 Cross Section -83.99 To -18.35%

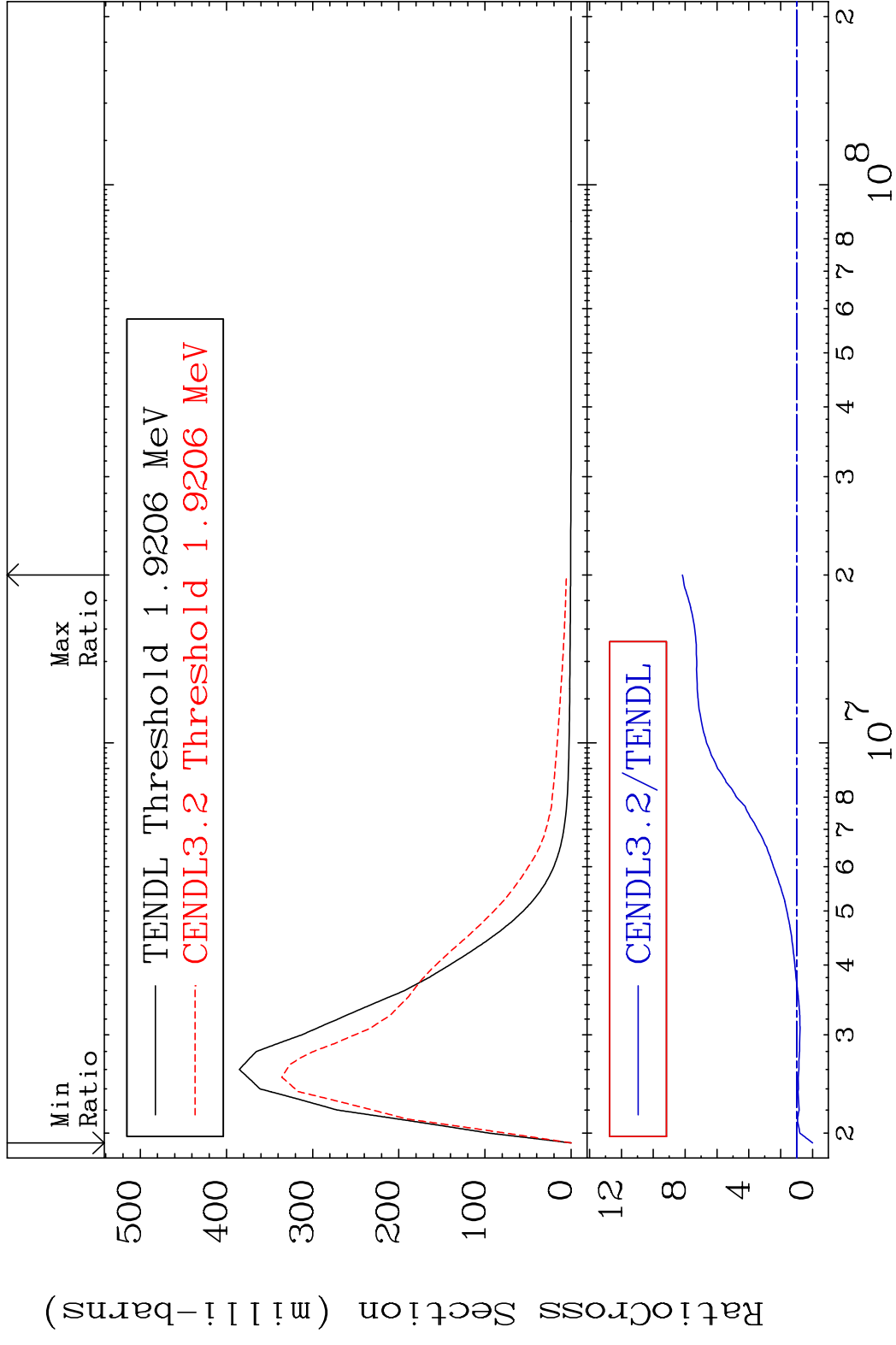


8 Incident Energy (eV) 36-Kr-84

MAT 3643 MT= 52 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 13.39 %

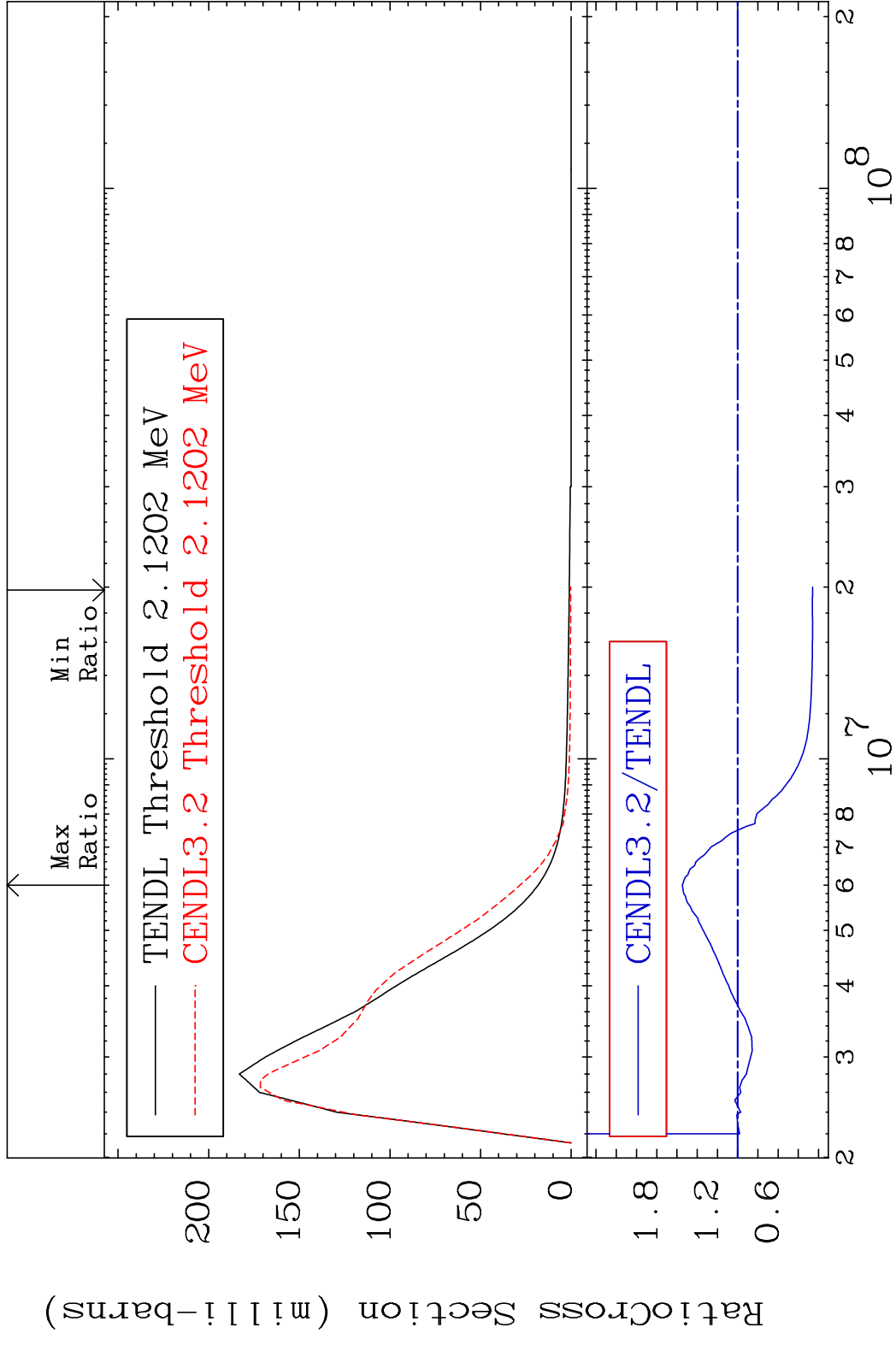


MAT 3643 MT= 53 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 717.6 %

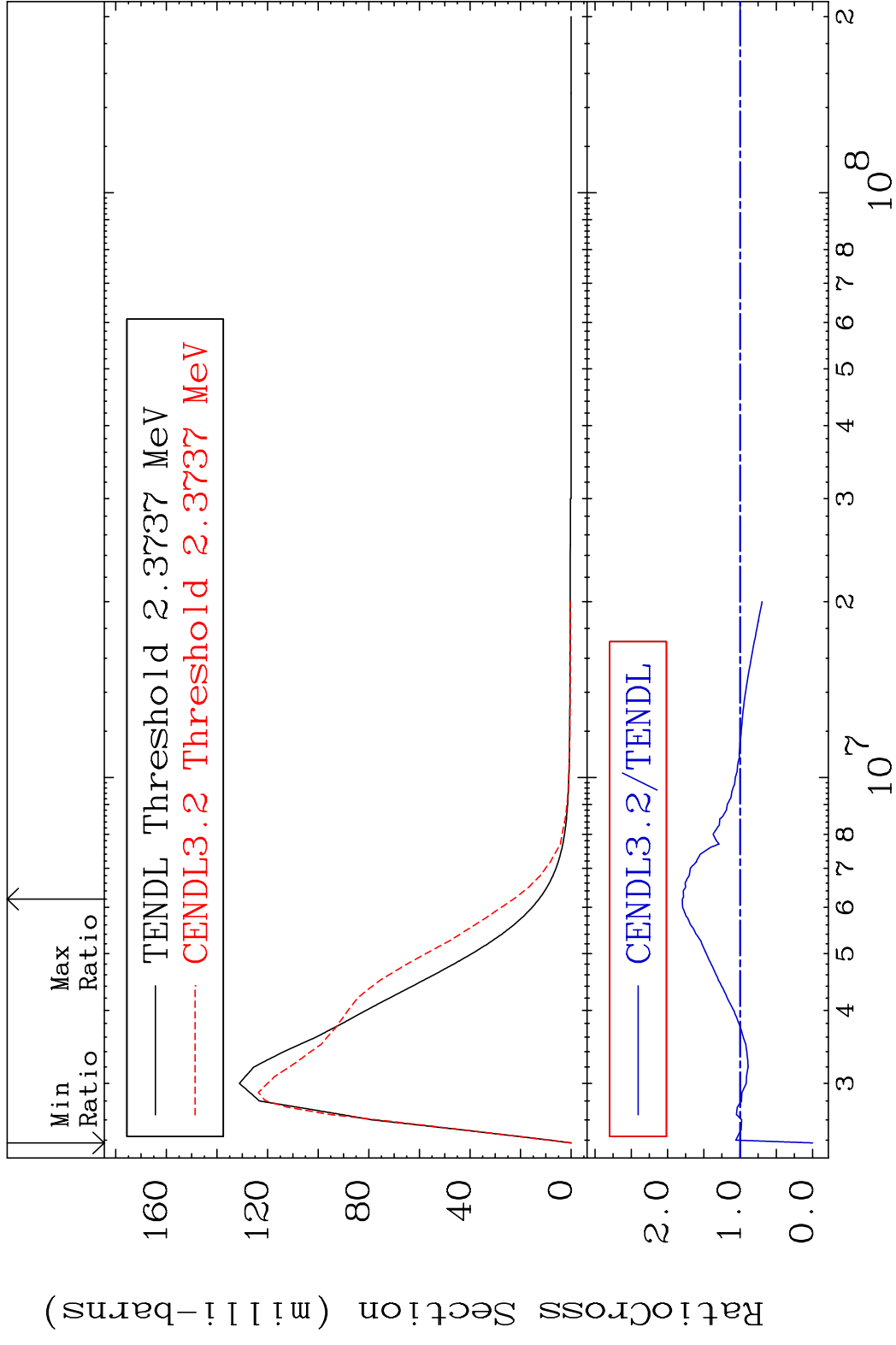


10 100 1000 10000 100000 1000000 10000000 100000000 1000000000 36-Kr-84

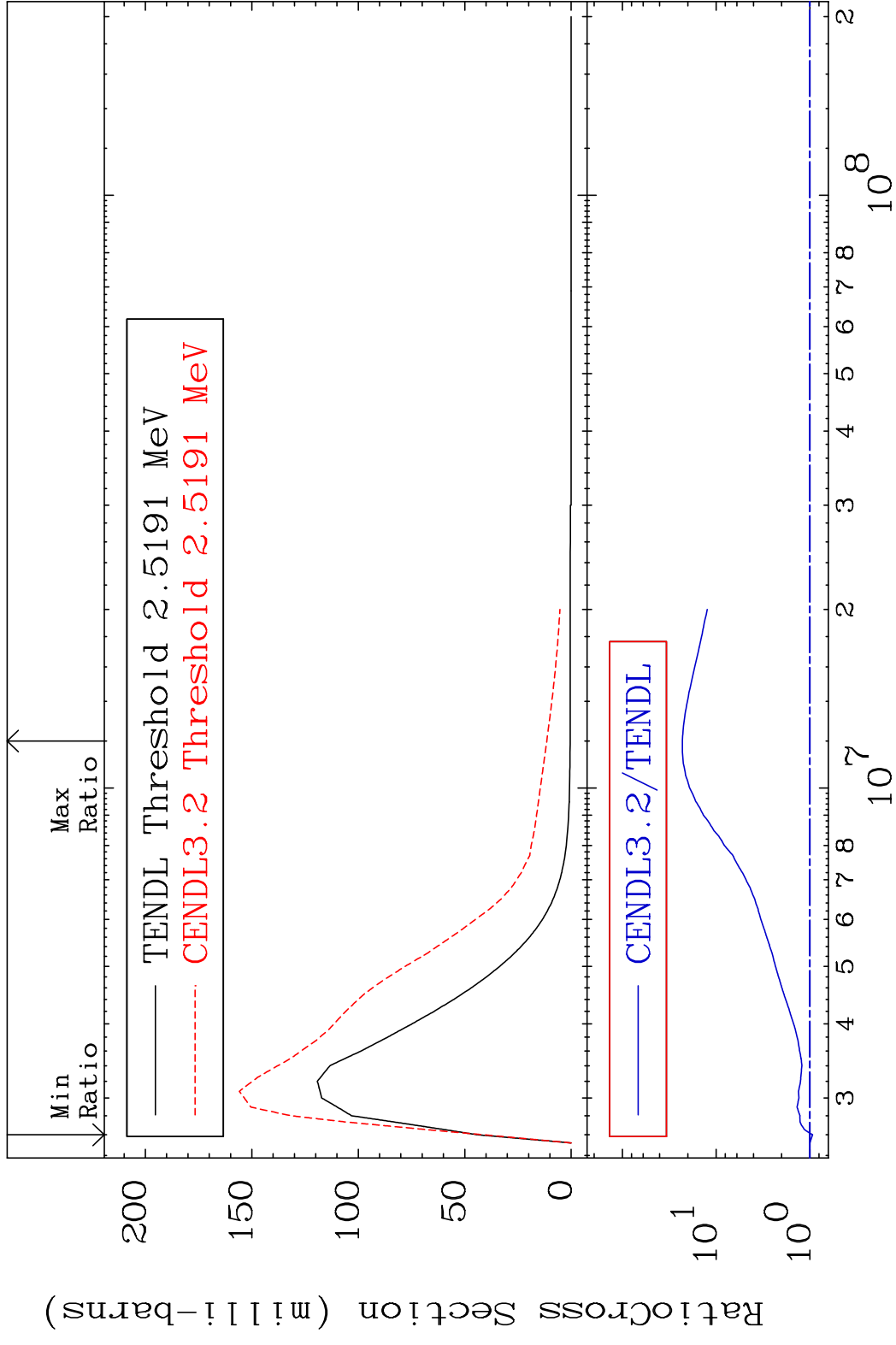
MAT 3643 MT= 54 (n, n') Level 36-Kr-84
 Cross Section -74.08 To 54.67 %



MAT 3643 MT= 55 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 79.49 %

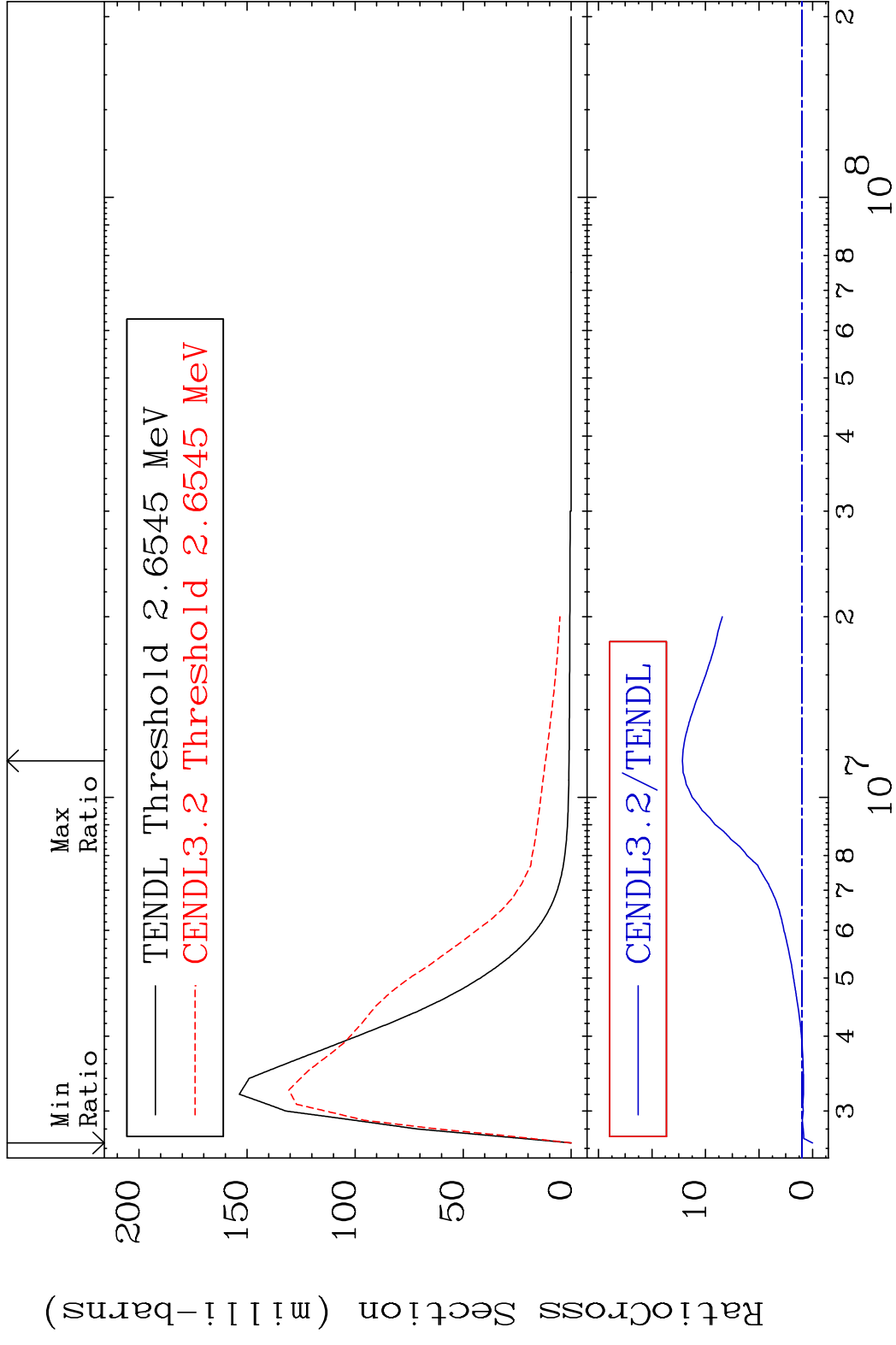


MAT 3643 MT= 56 (n,n') Level 36-Kr-84
 Cross Section -6.369 To 2191. %



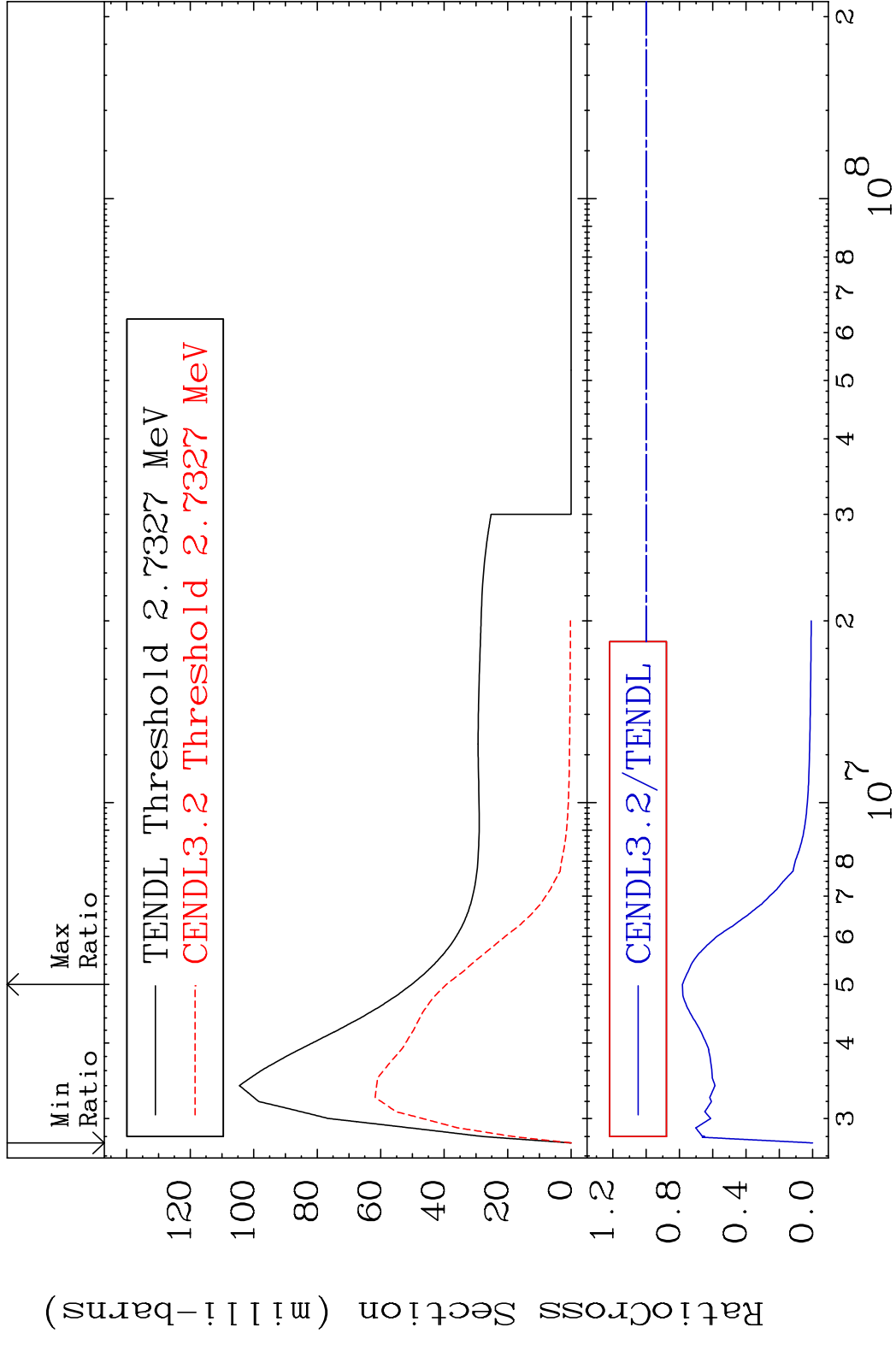
13 Incident Energy (eV) 36-Kr-84

MAT 3643 MT= 57 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 1116. %

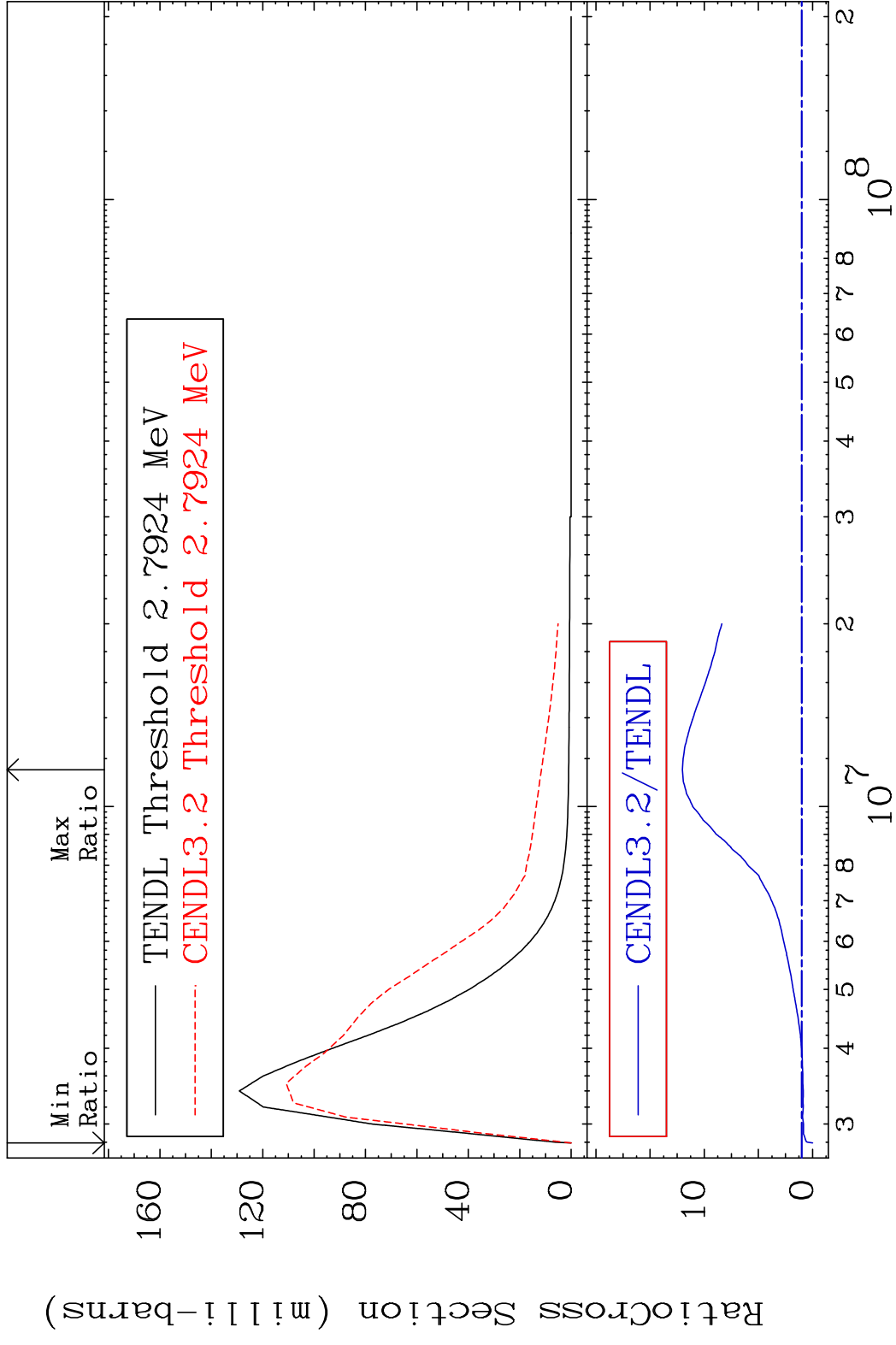


14 36-Kr-84

MAT 3643 MT= 58 (n,n') Level 36-Kr-84
 Cross Section -100.0 To -21.73%

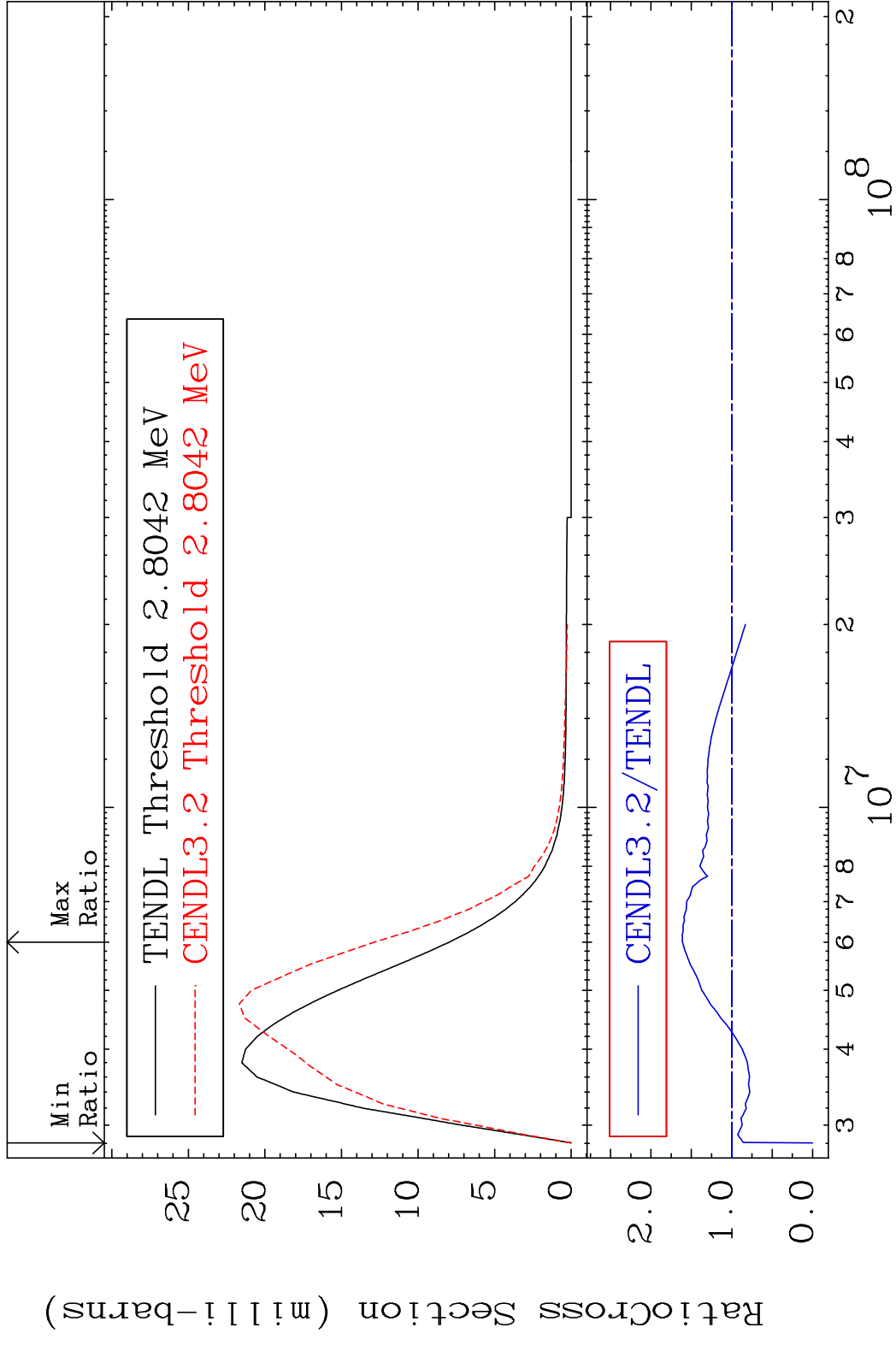


MAT 3643 MT= 59 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 1102. %

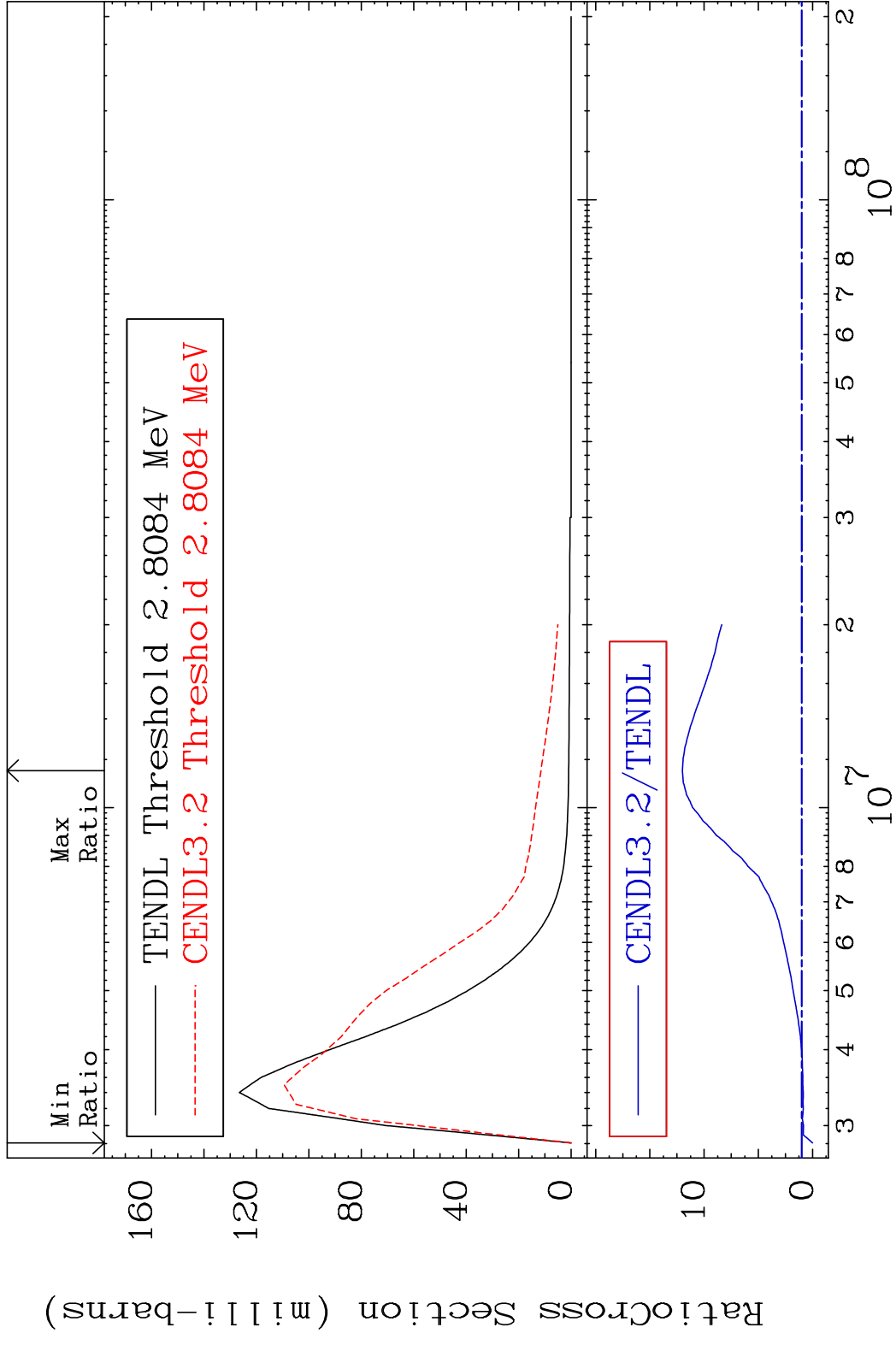


16 36-Kr-84

MAT 3643 MT= 60 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 61.19 %

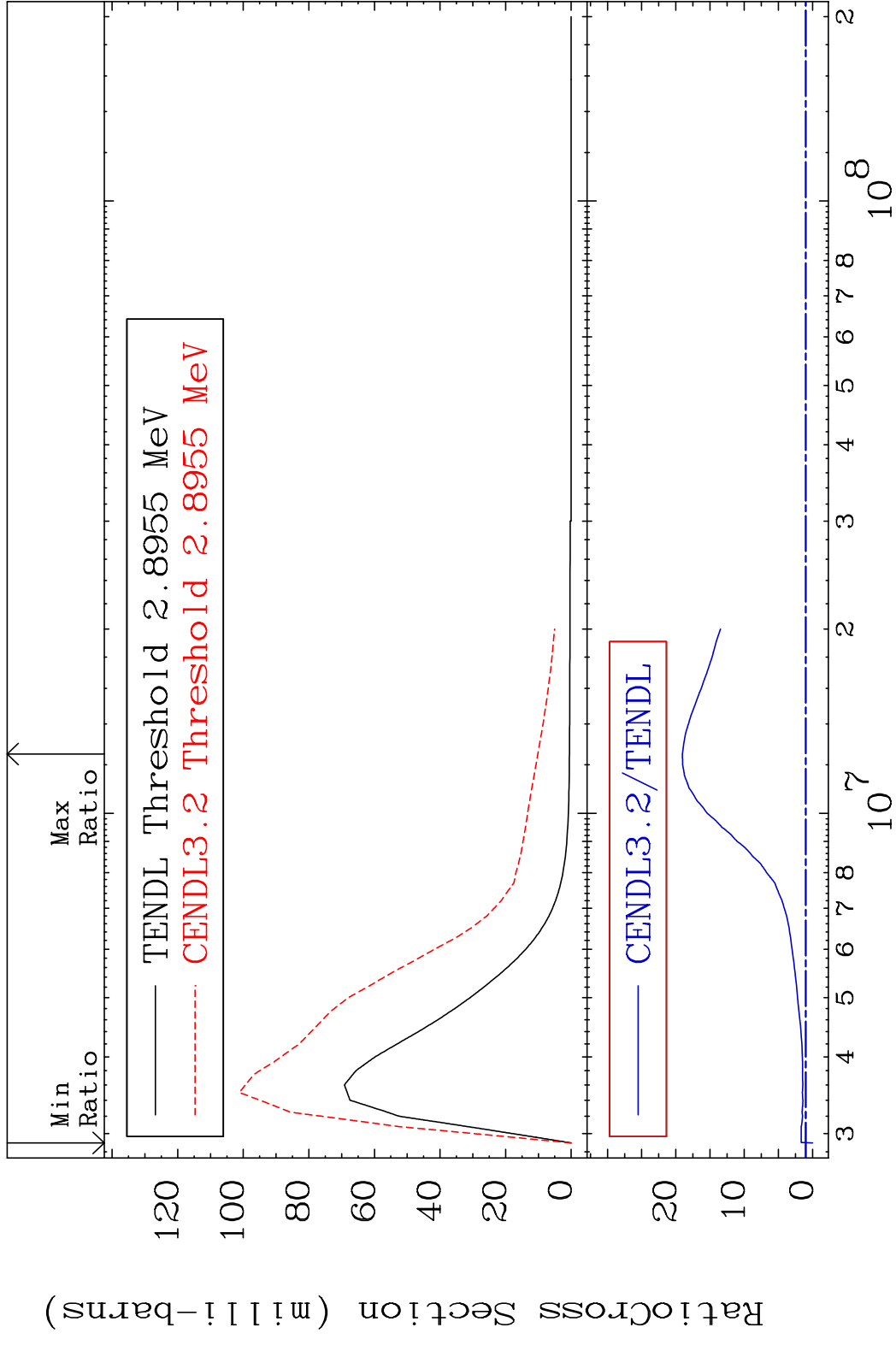


MAT 3643 MT= 61 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 1100. %



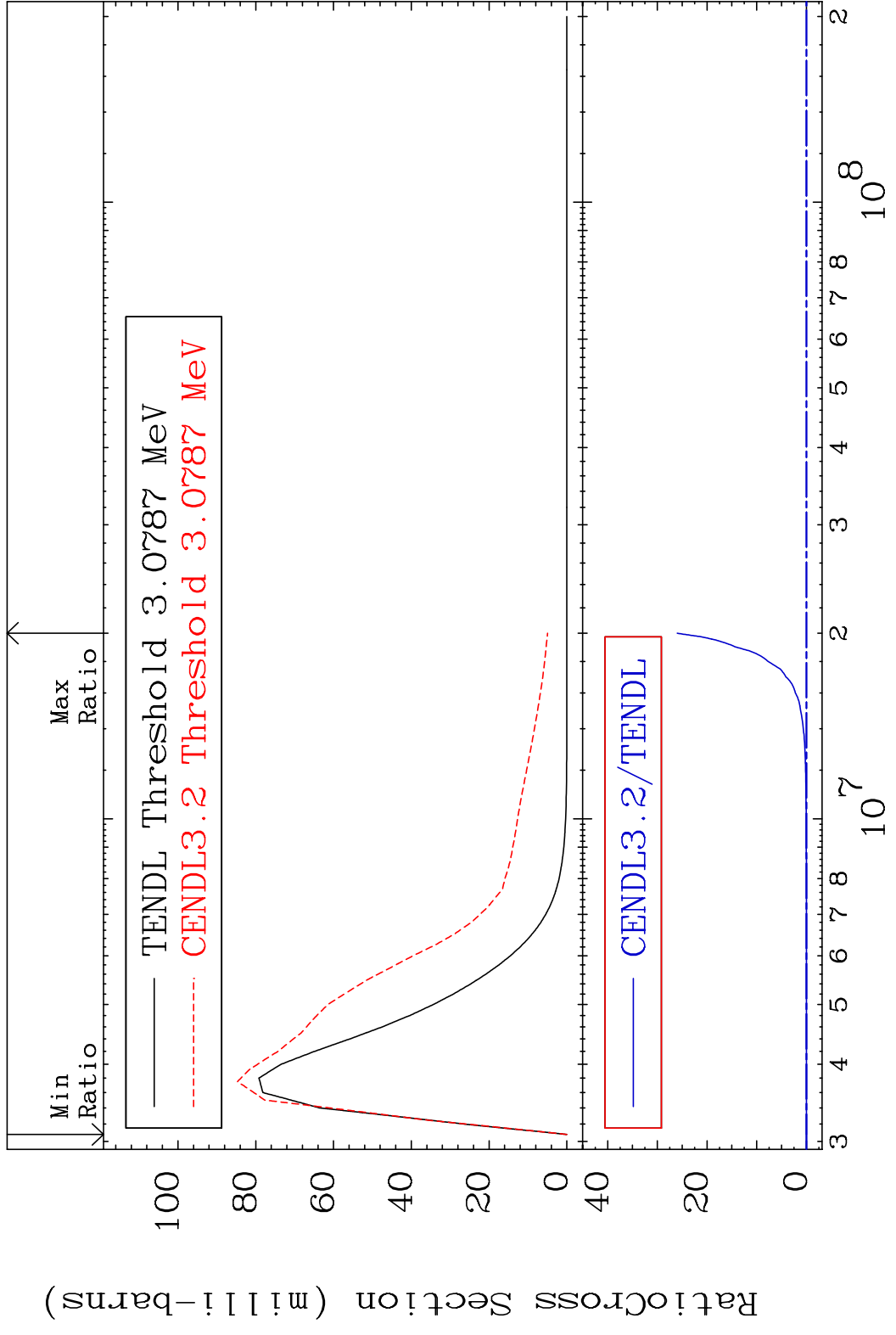
18 36-Kr-84

MAT 3643 MT= 62 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 1805. %



19 Incident Energy (eV) 36-Kr-84

MAT 3643 MT= 63 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 9999. %



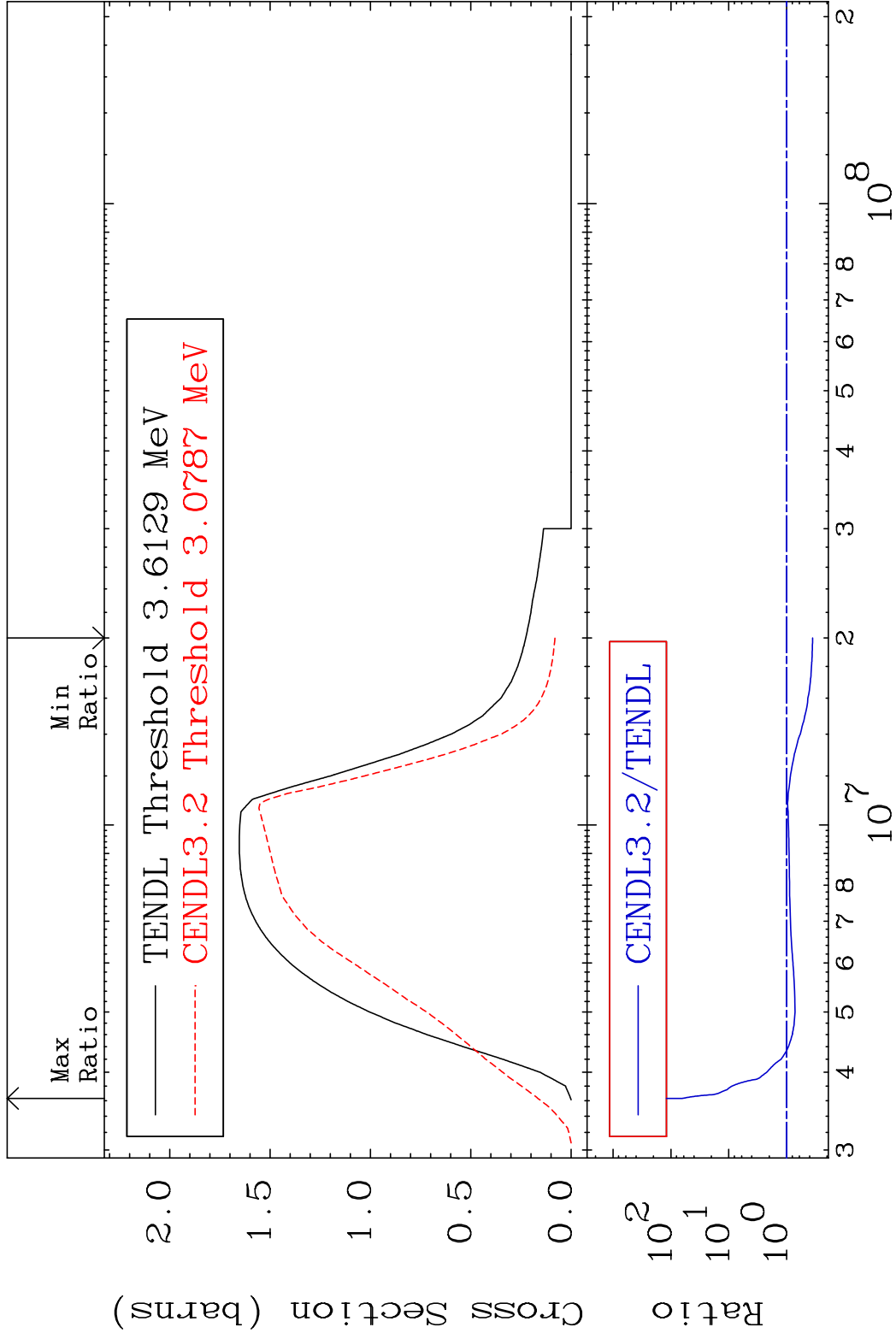
20 Incident Energy (eV) 36-Kr-84

MAT 3643

(n, n') Continuum

36-Kr-84

Cross Section -64.41 To 6236. %



21

Incident Energy (eV)

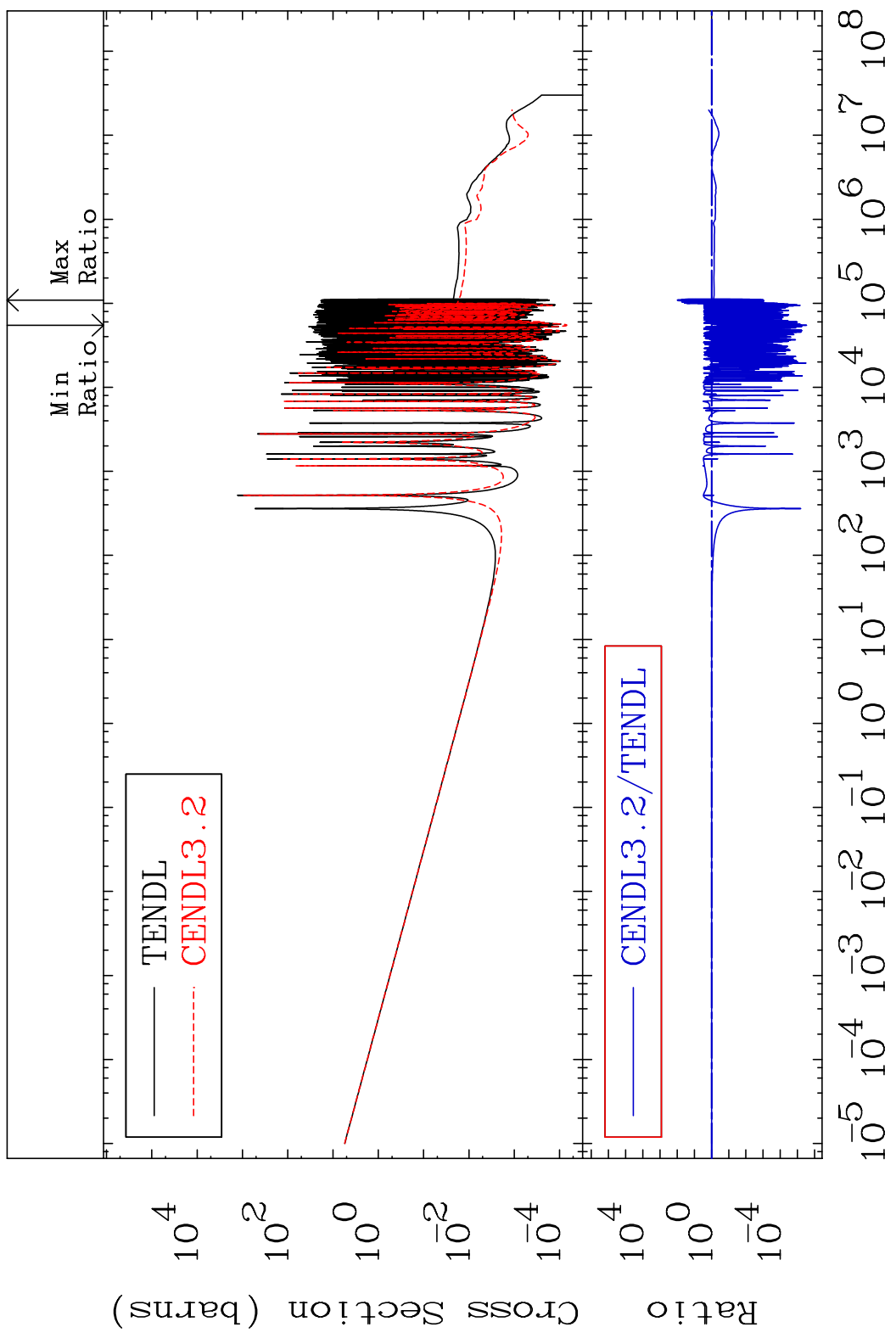
36-Kr-84

MAT 3643

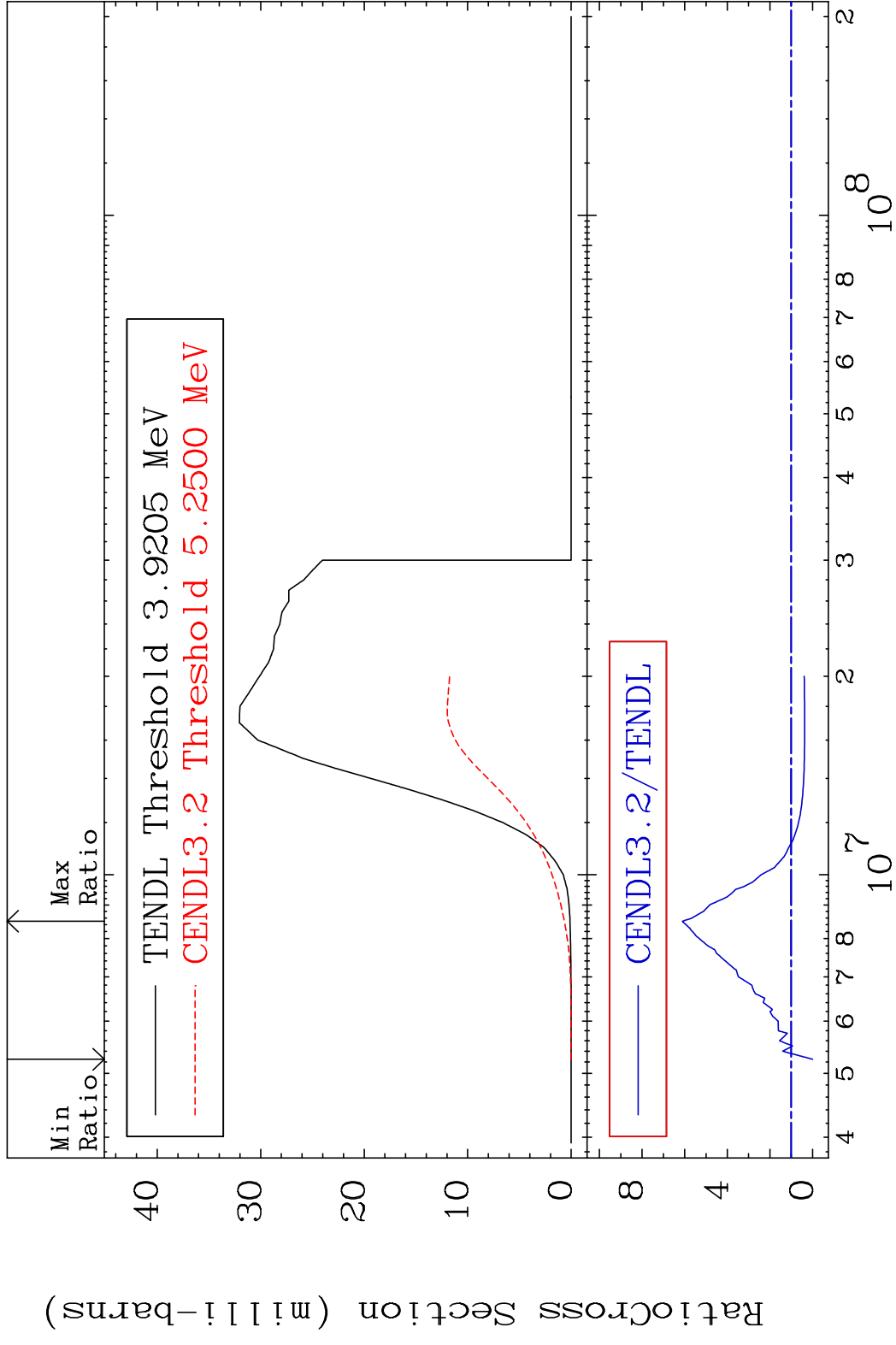
(n, γ)

36-Kr-84

Cross Section -100.0 To 9897. %



MAT 3643 (n,p) 36-Kr-84
 Cross Section -100.0 To 511.0 %

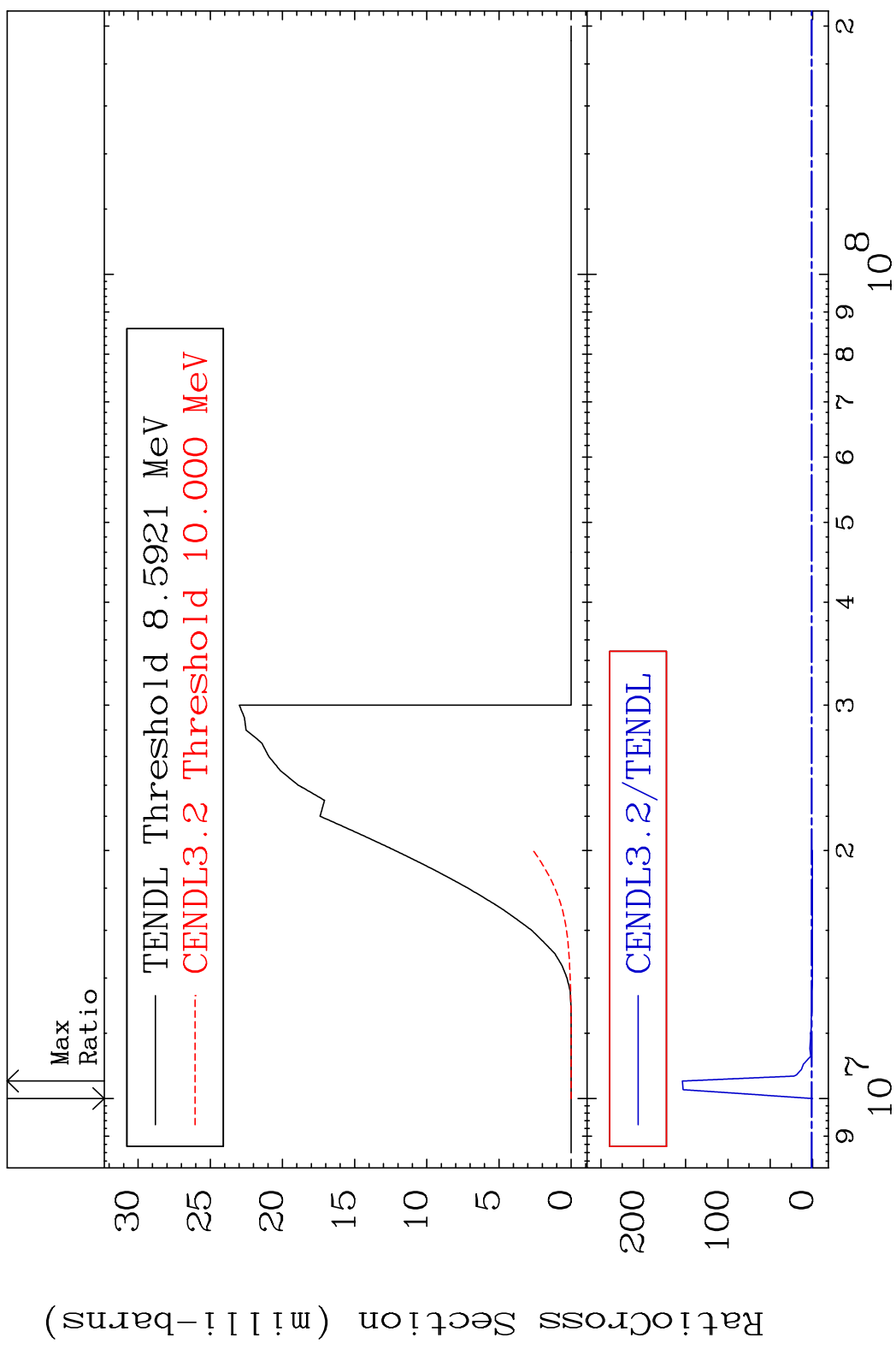


MAT 3643

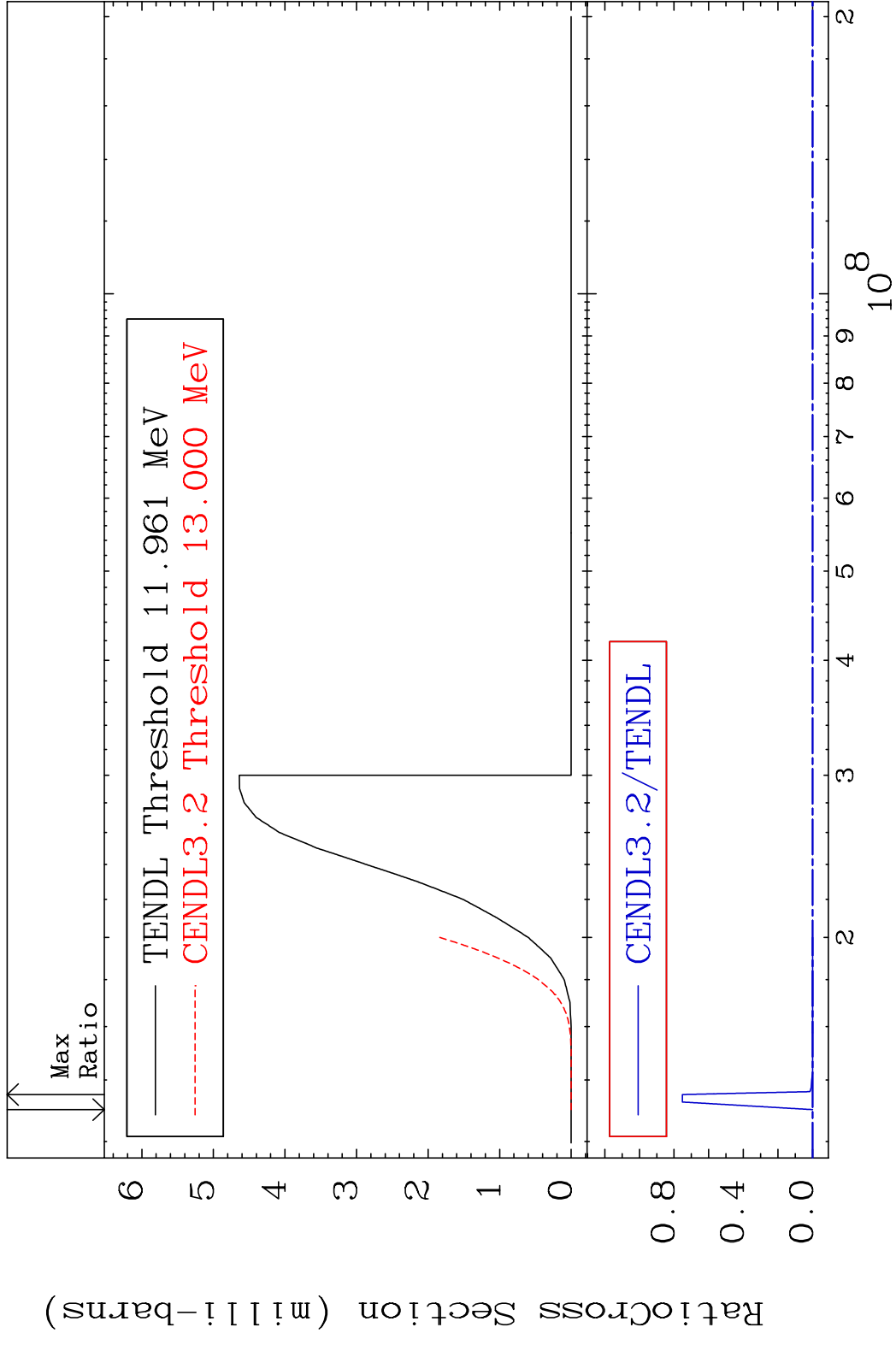
(n,d)

36-Kr-84

Cross Section -100.0 To 9999. %



MAT 3643 (n, t) 36-Kr-84
 Cross Section -100.0 To 9999. %

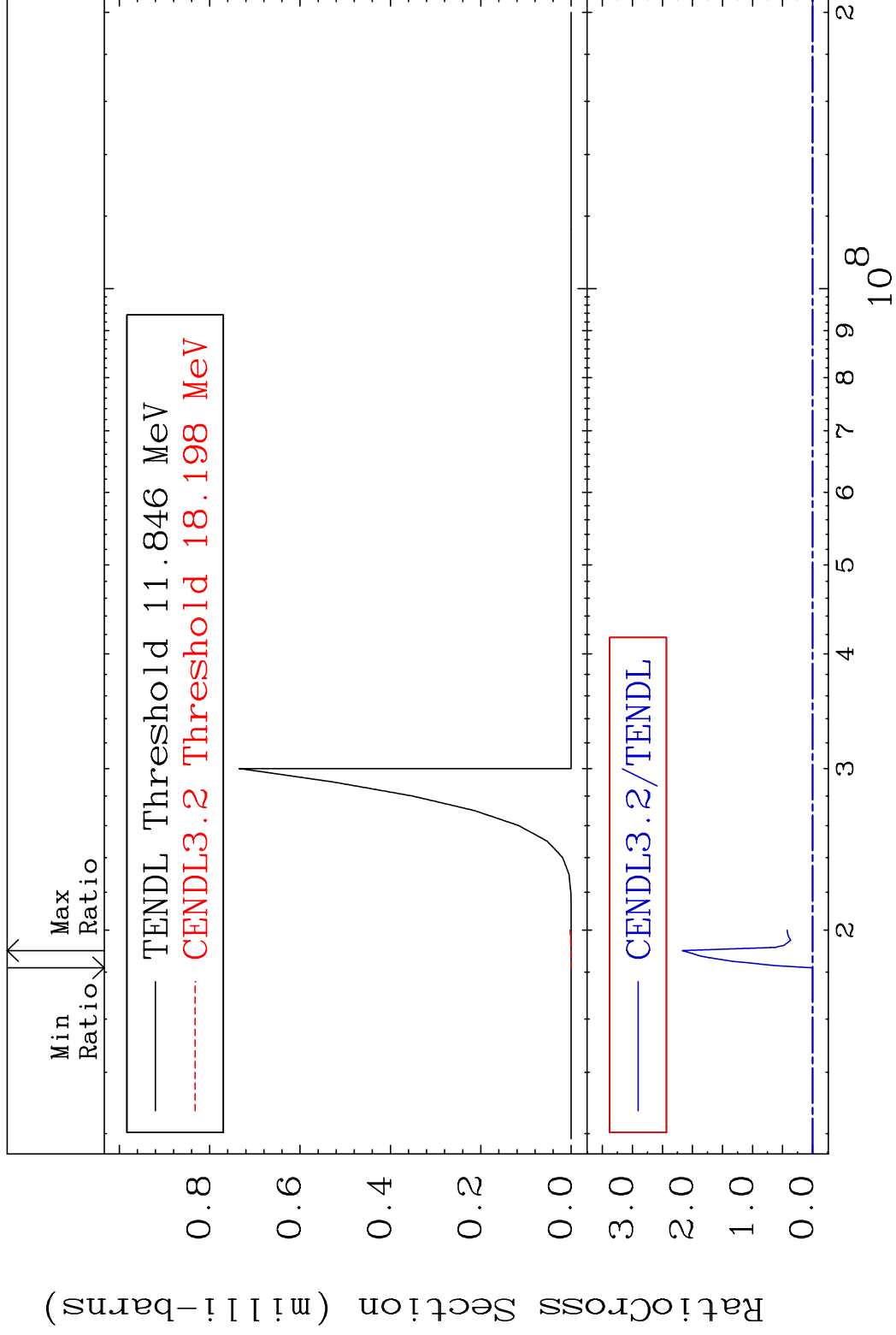


MAT 3643

(n, He-3)

36-Kr-84

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

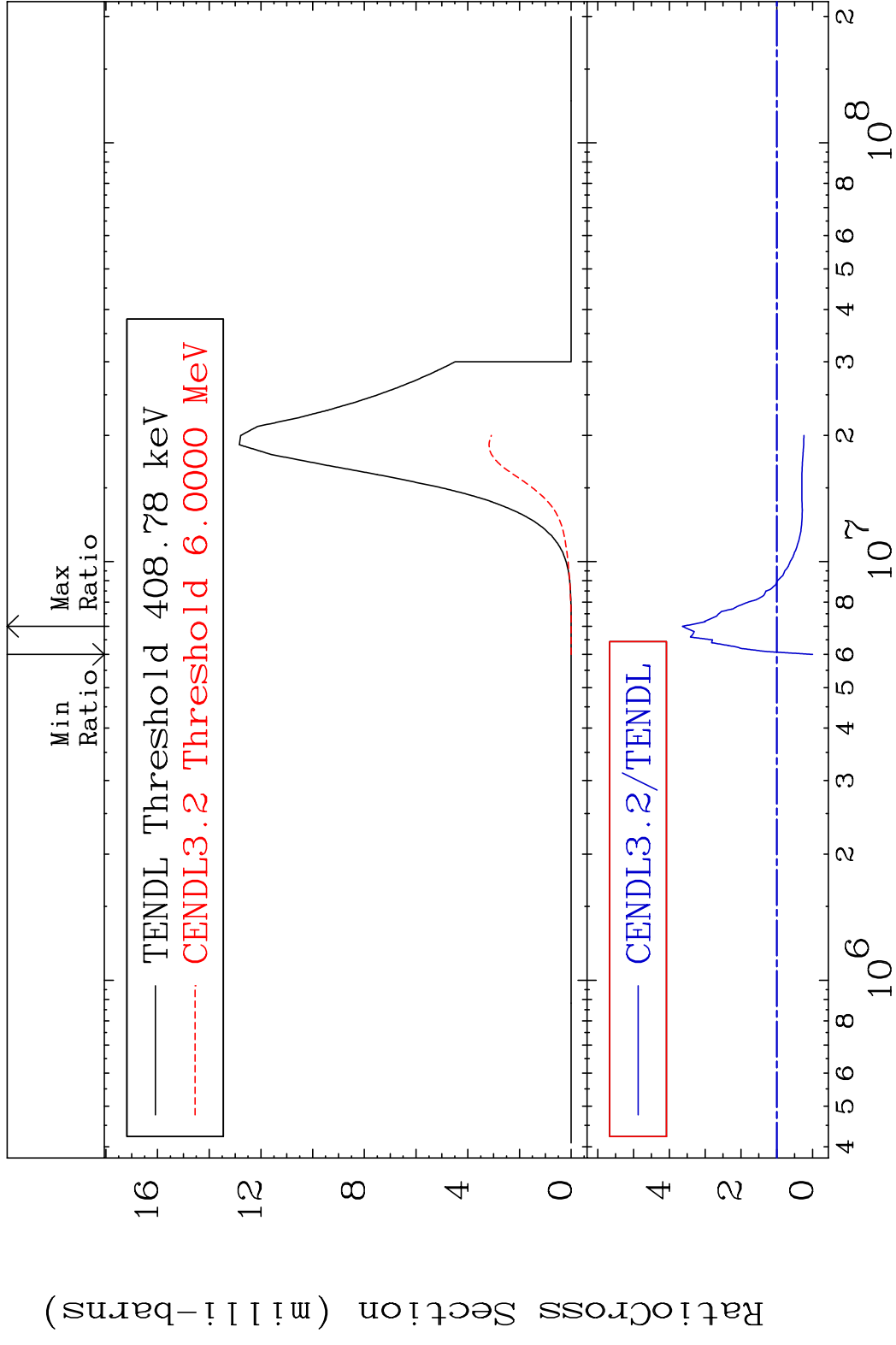
36-Kr-84

MAT 3643

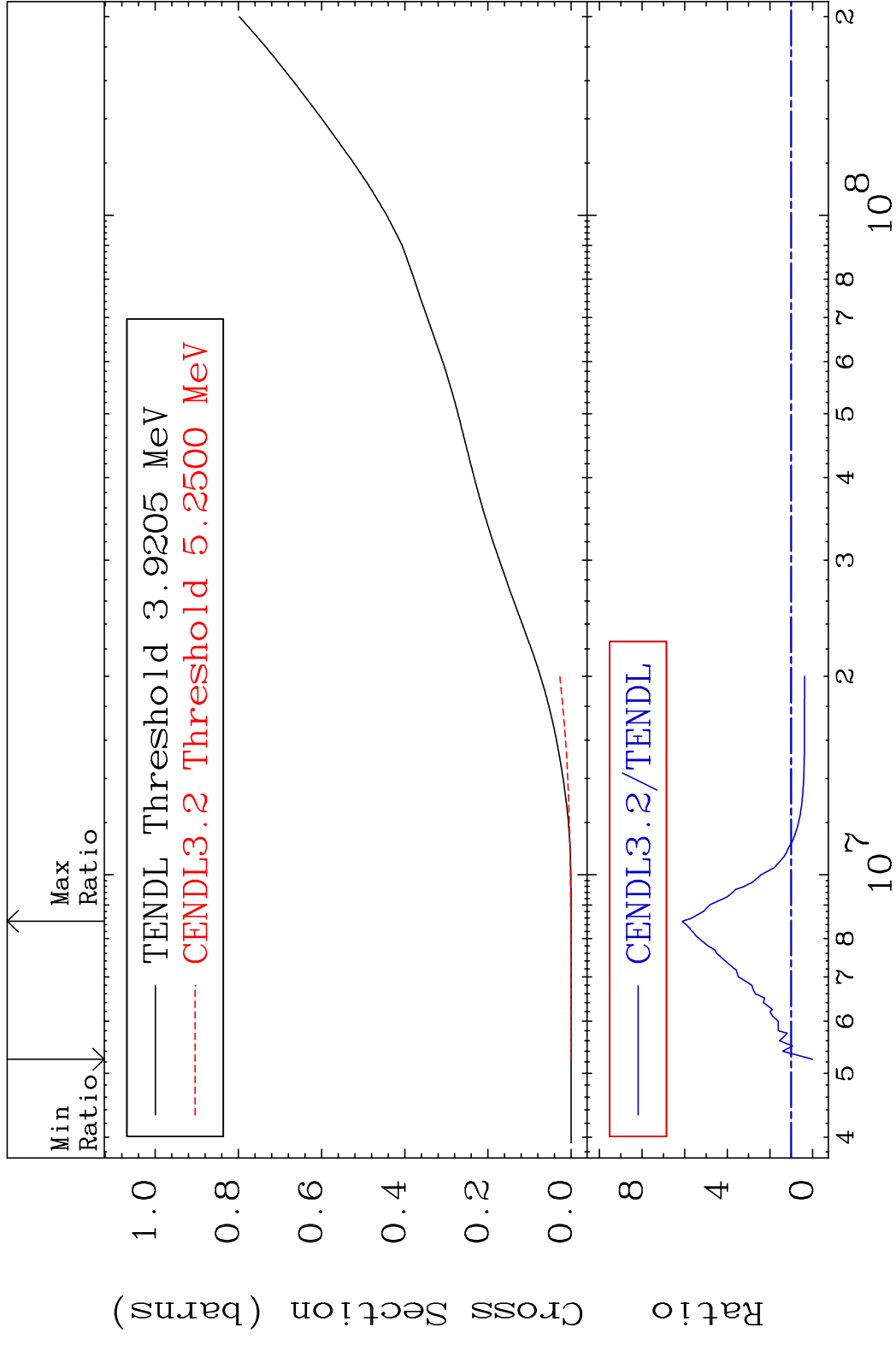
36-Kr-84

(n, α)

Cross Section -100.0 To 263.6 %



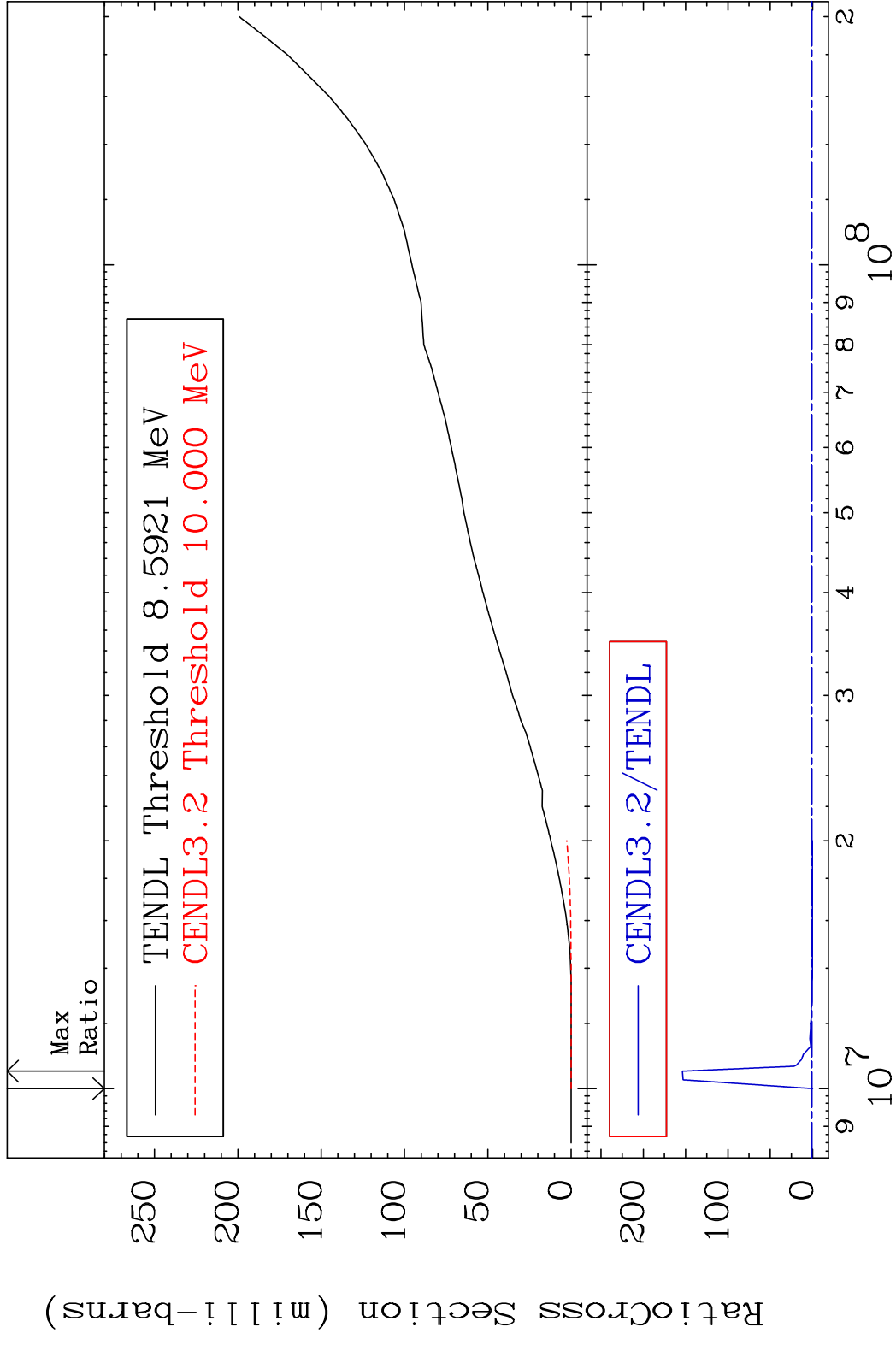
MAT 3643 Hydrogen Production 36-Kr-84
 Cross Section -100.0 To 511.0 %



MAT 3643

Deuterium Production 36-Kr-84

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

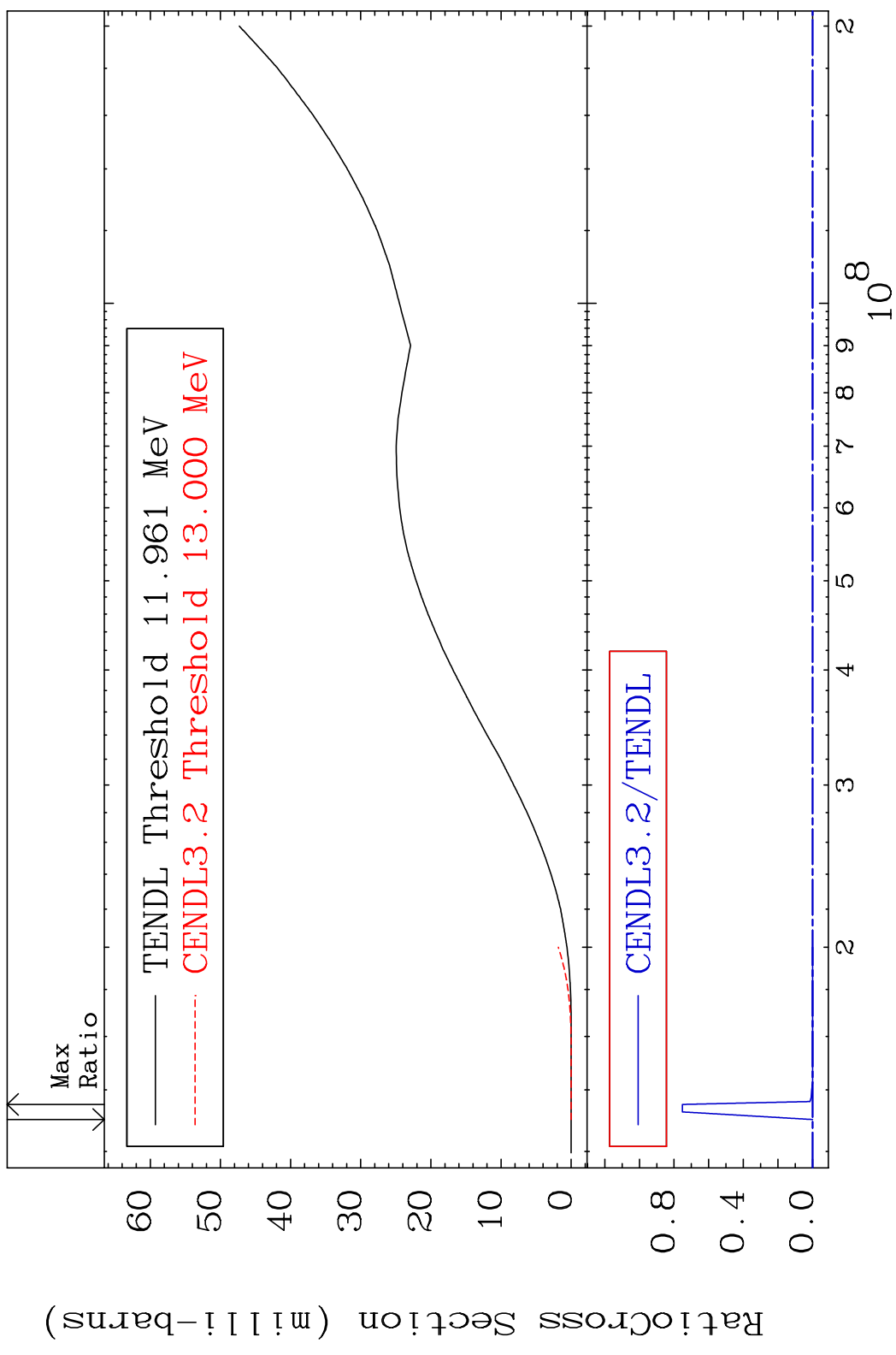
36-Kr-84

MAT 3643

Tritium Production

36-Kr-84

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

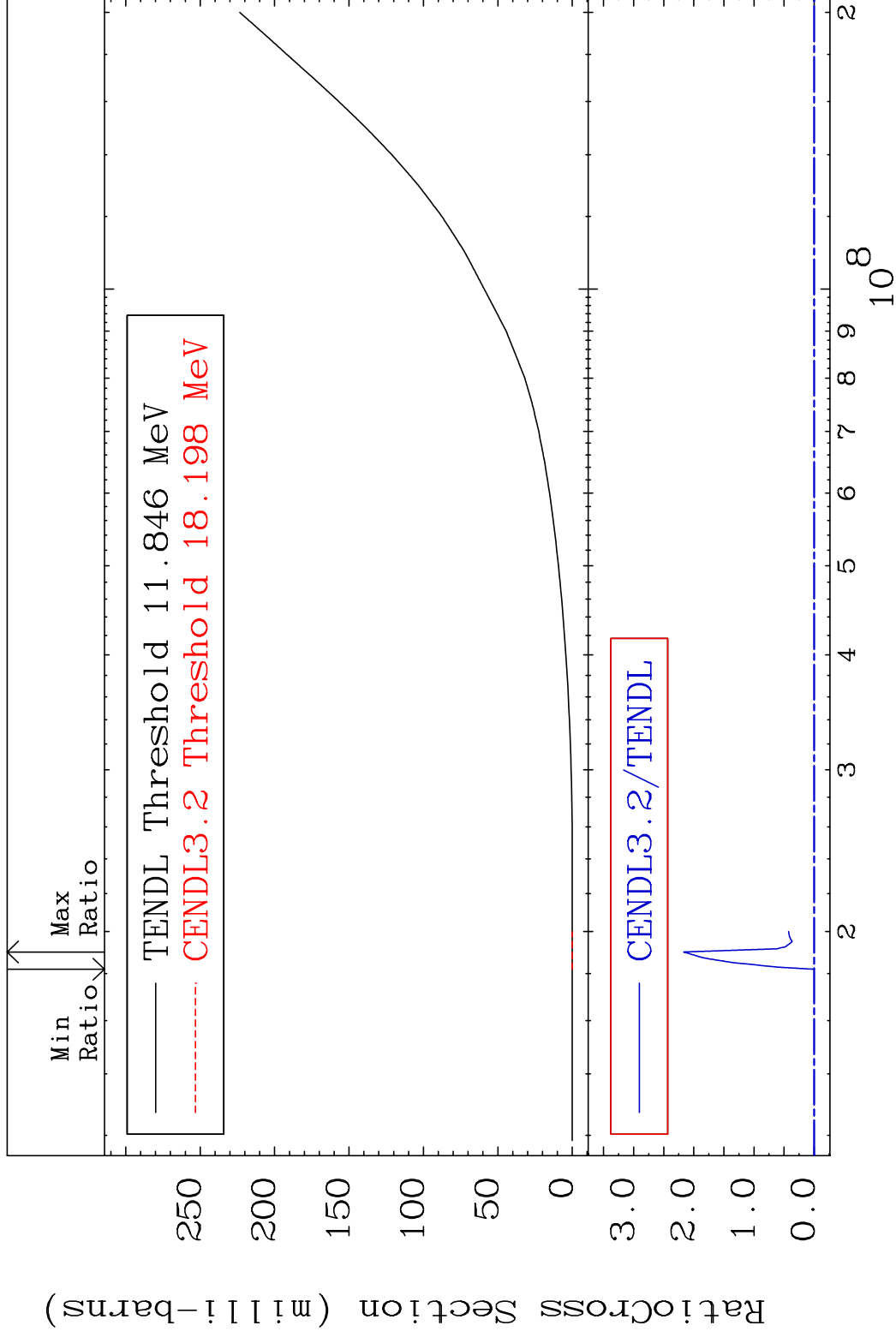
36-Kr-84

MAT 3643

He-3 Production

36-Kr-84

Cross Section -100.0 To 9999. %

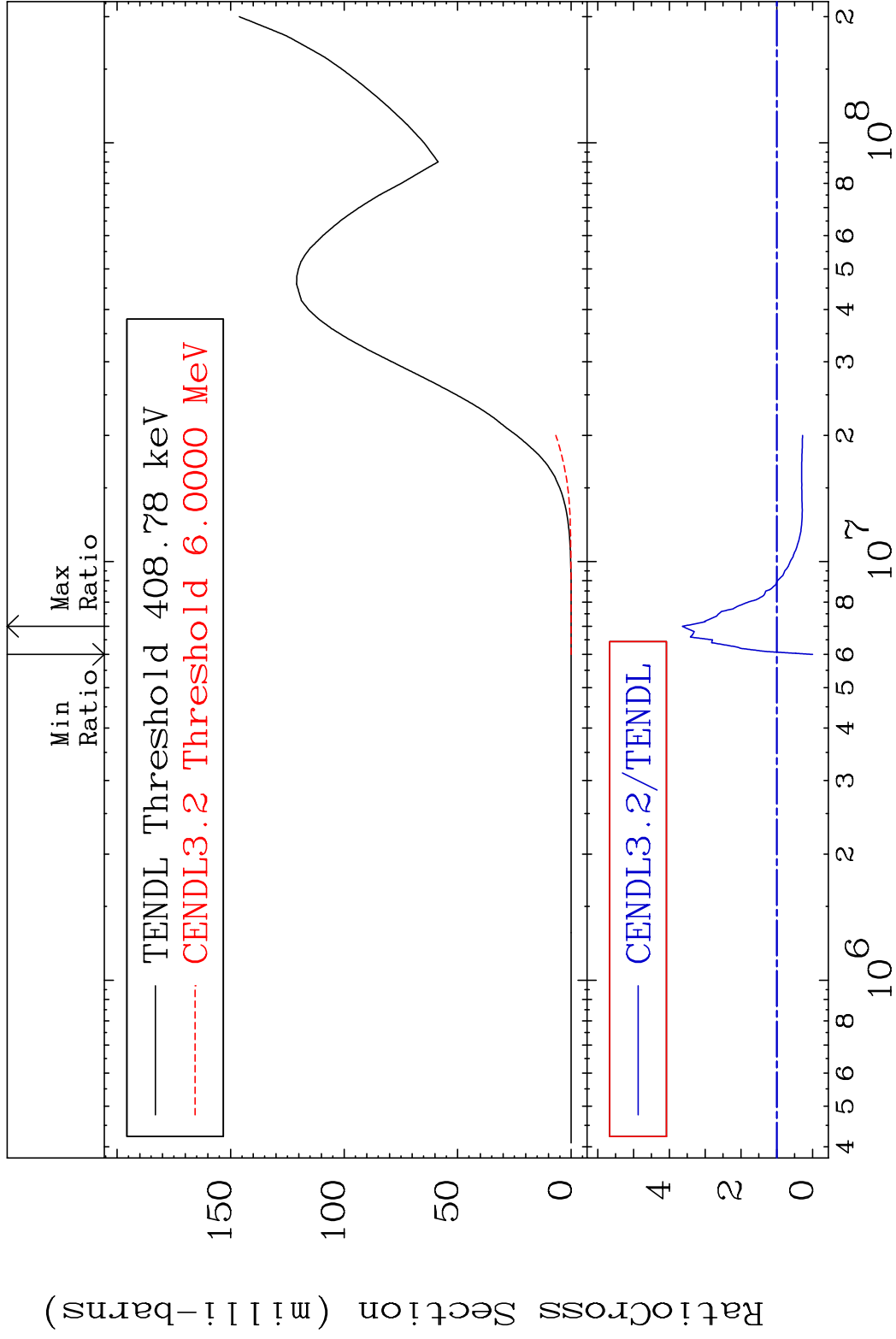


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Incident Energy (eV)

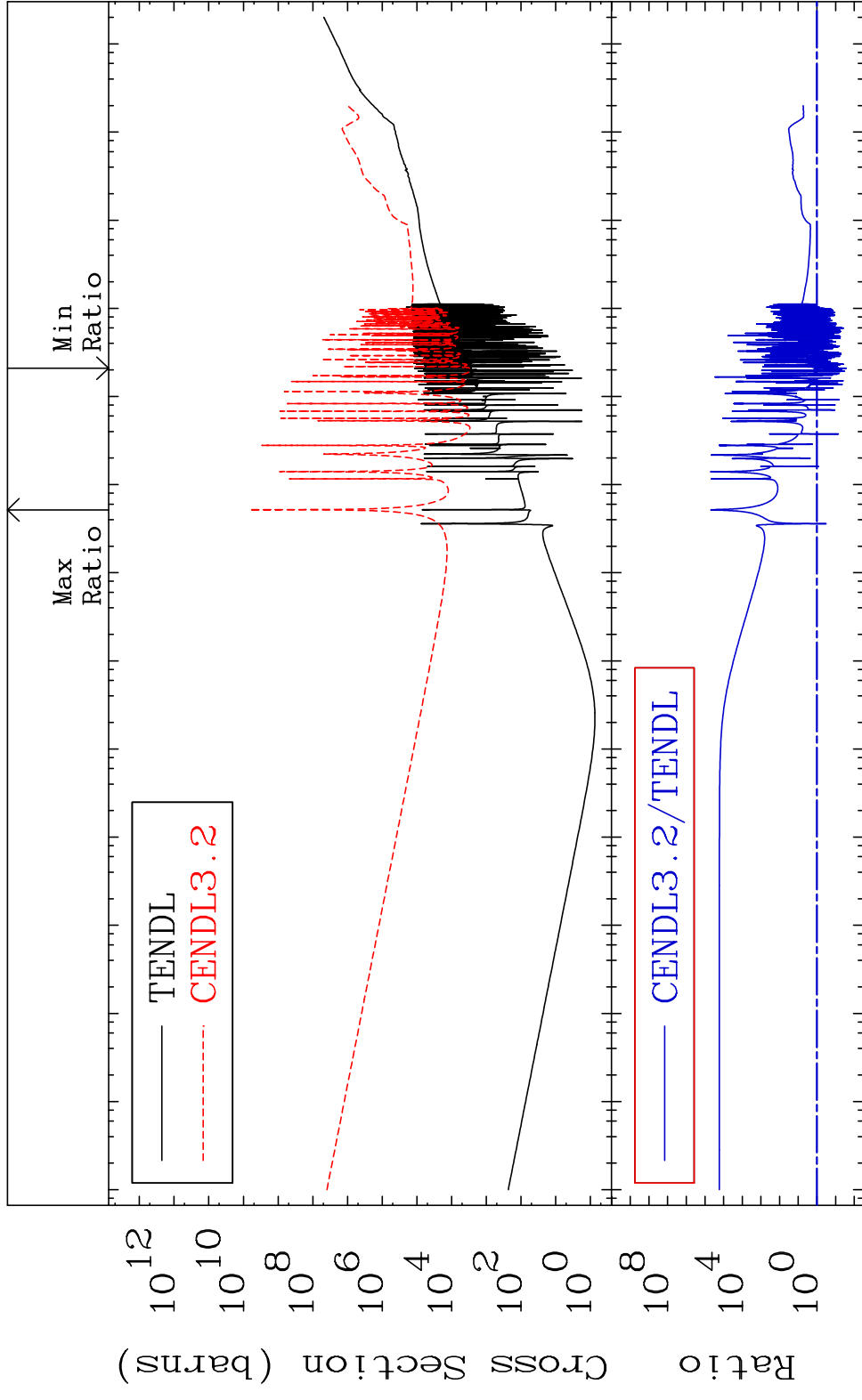
36-Kr-84

MAT 3643 He-4 Production 36-Kr-84
 Cross Section -100.0 To 263.6 %



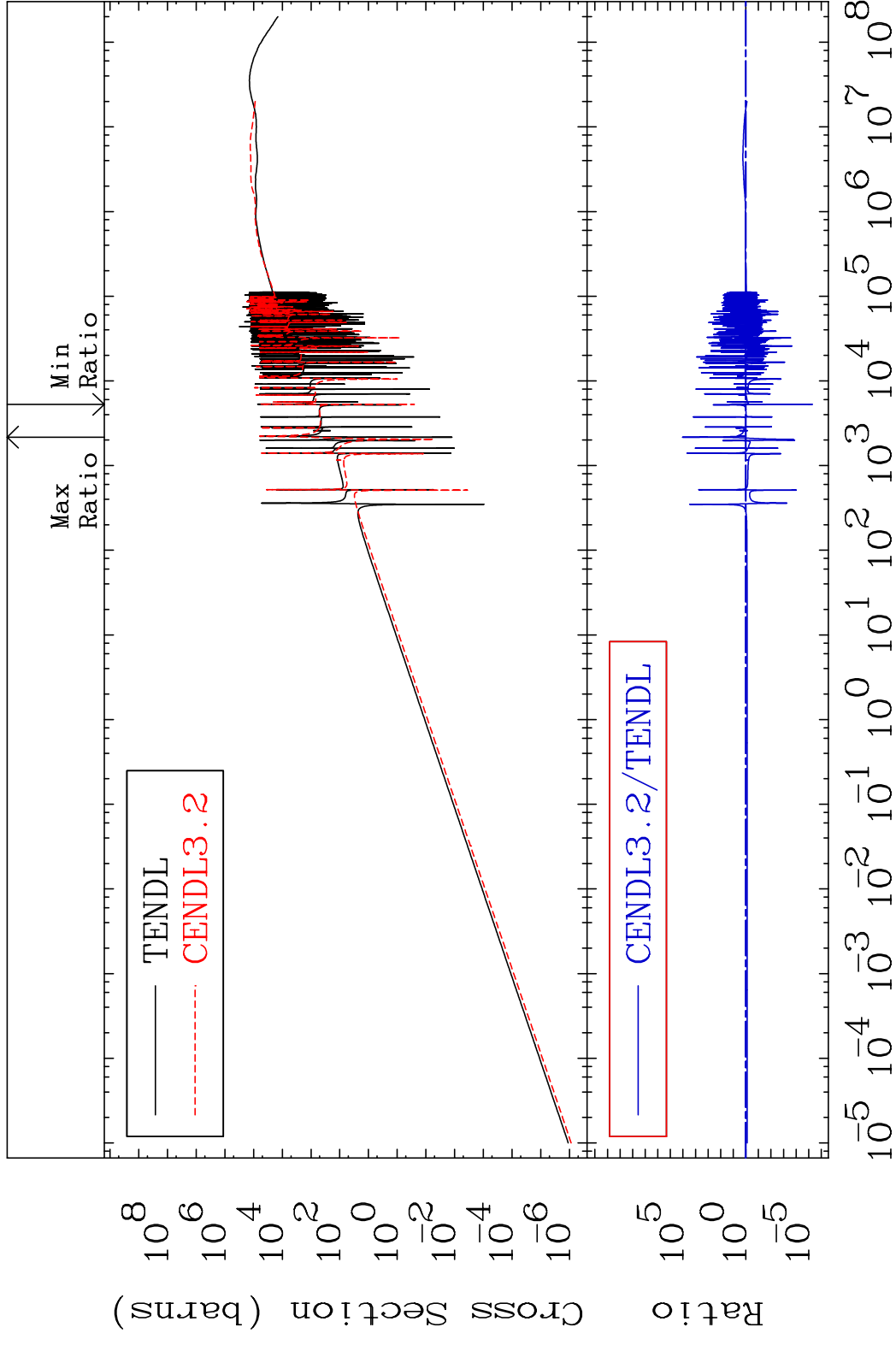
32 Incident Energy (eV) 36-Kr-84

MAT 3643 Kerma total (eV-barns) 36-Kr-84
 Cross Section -97.34 To 9999. %

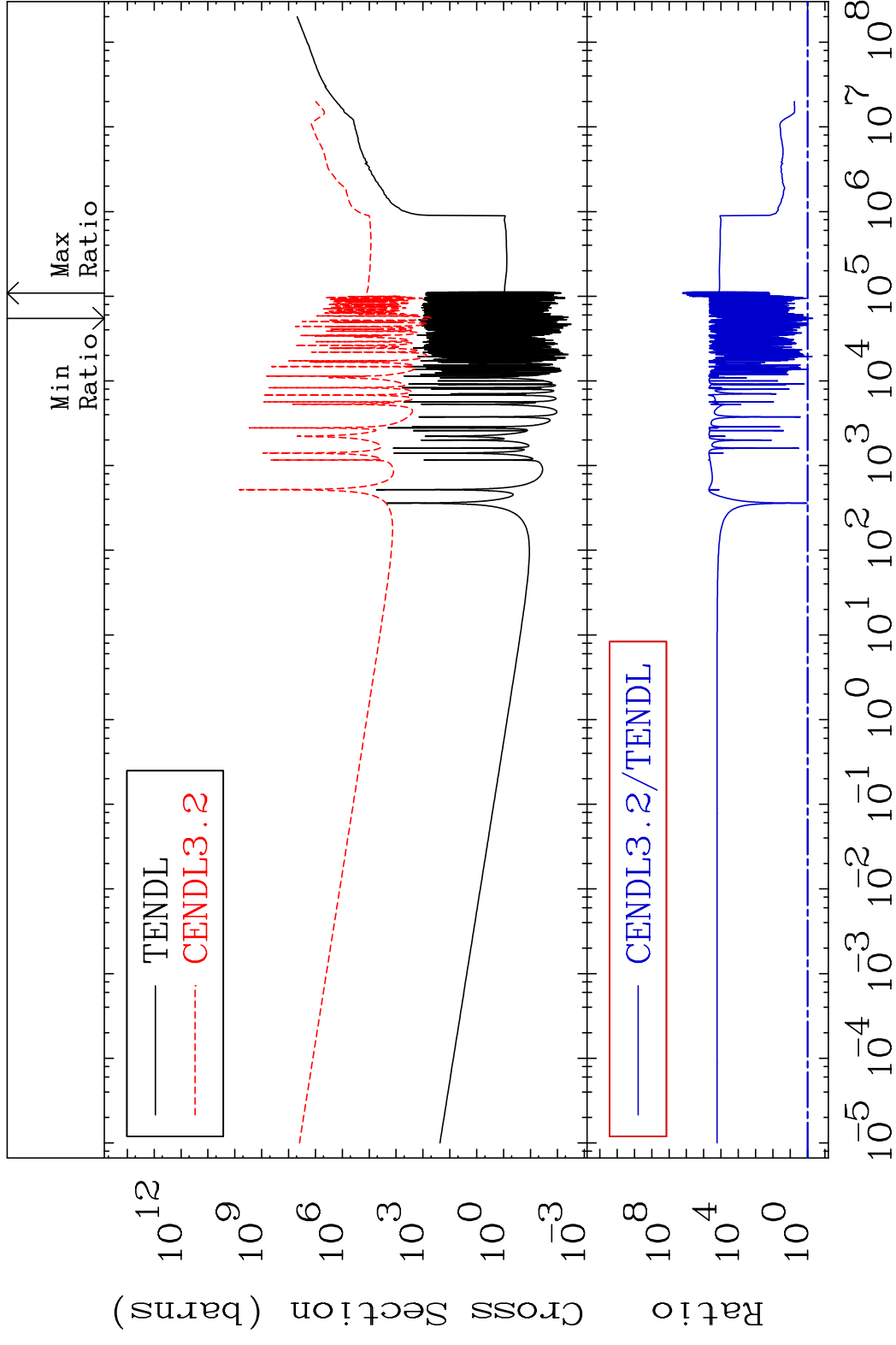


MAT 3643

Kerma elastic Cross Section -100.0 To 9999. %
36-Kr-84

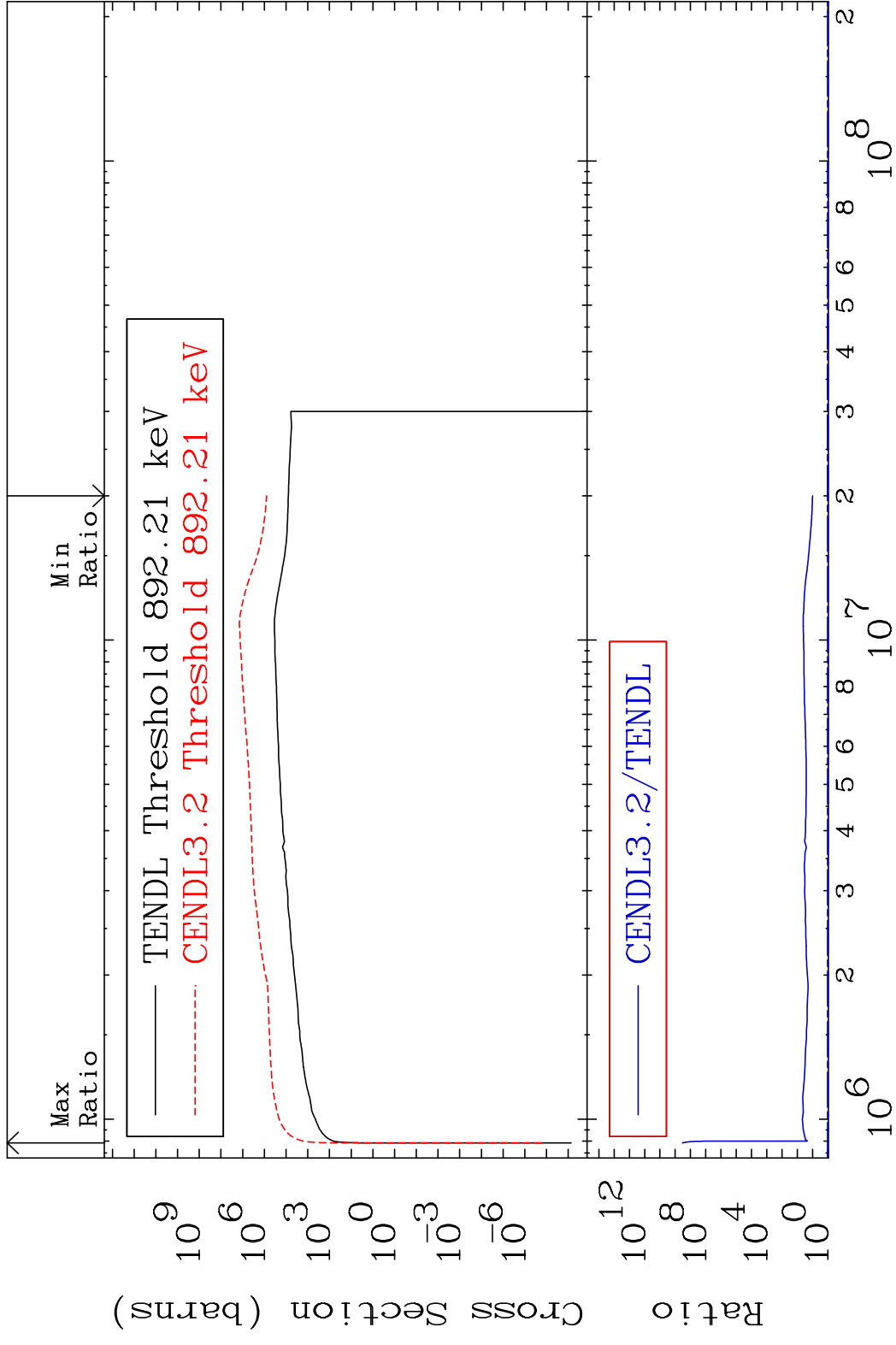


MAT 3643 Kerma non-elastic (all but mt2) 36-Kr-84
 Cross Section -48.81 To 9999. %

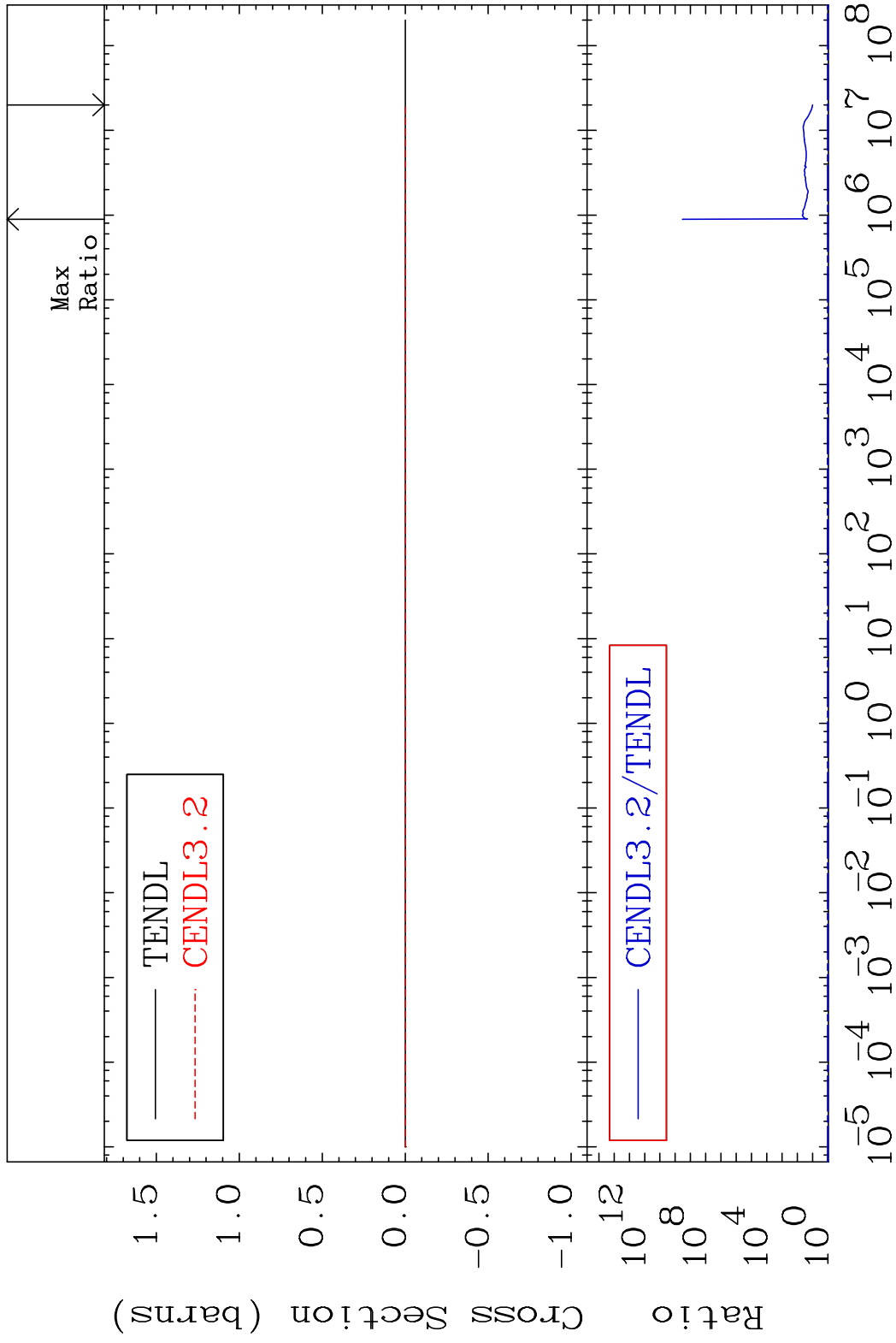


35 Incident Energy (eV) 36-Kr-84

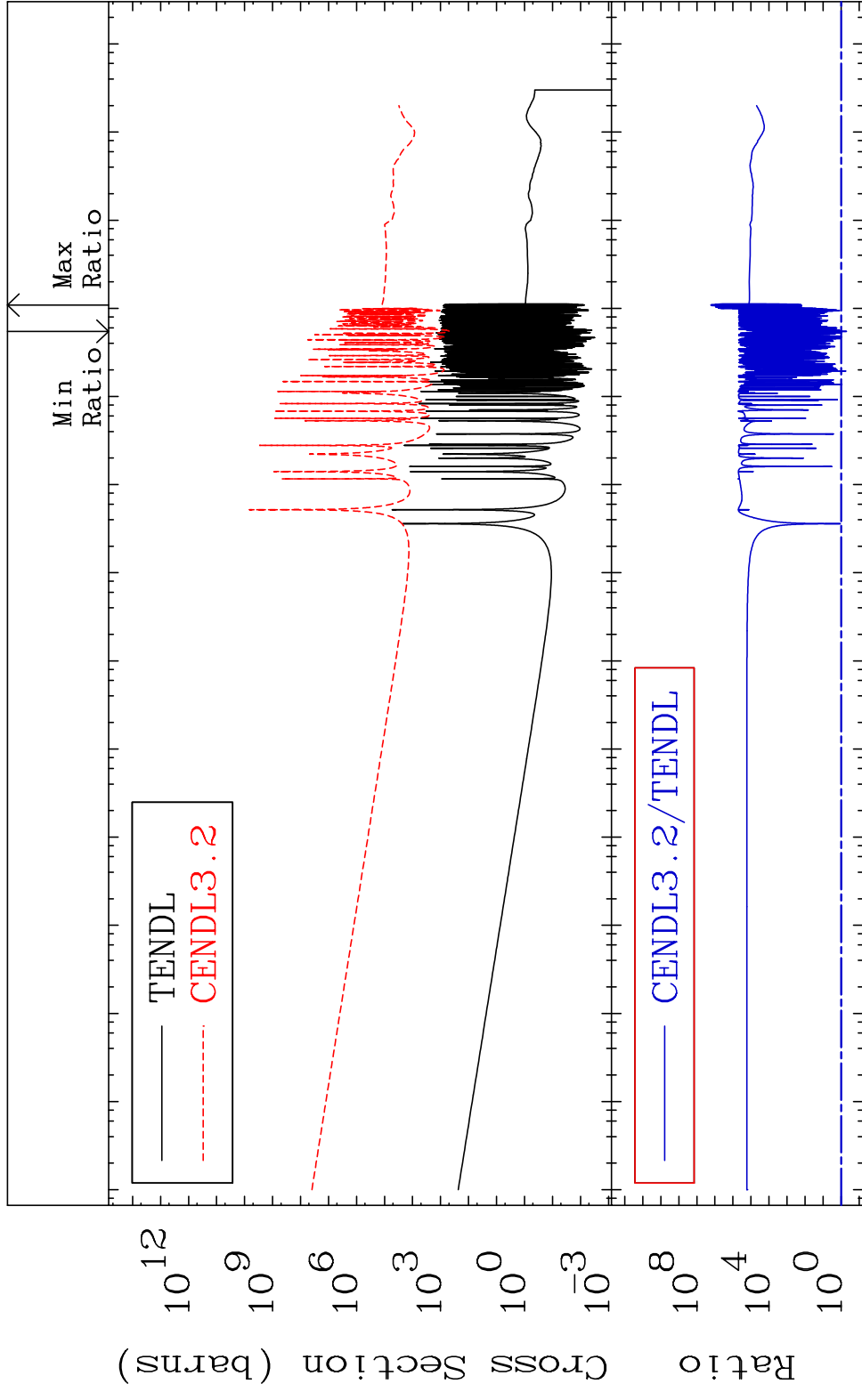
MAT 3643 Kerma inelastic (mt51-91) 36-Kr-84
 Cross Section 898.9 To 9999. %



MAT 3643 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-84
 Cross Section 898.9 To 9999. %

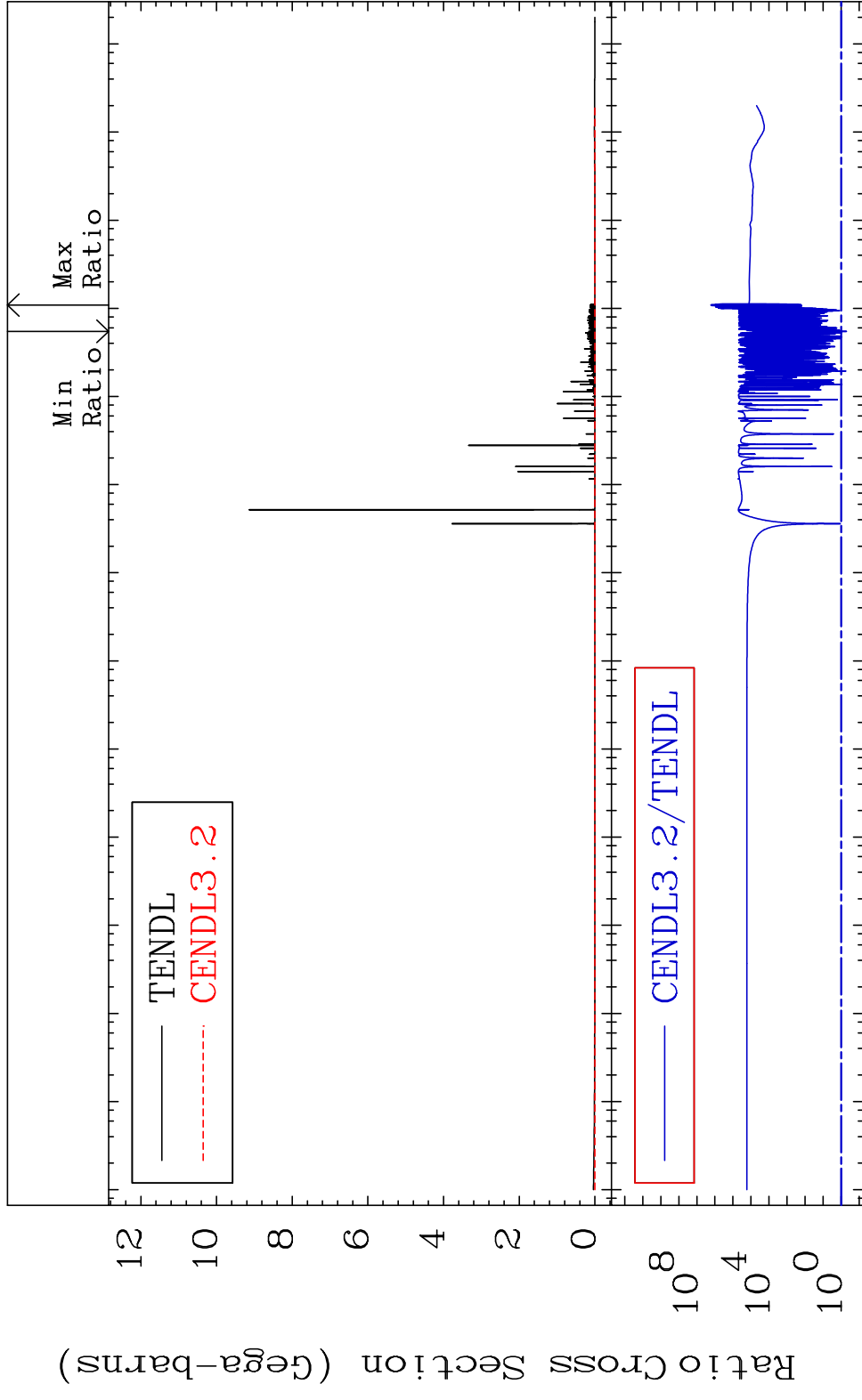


MAT 3643 Kerma capture (mt102) 36-Kr-84
 Cross Section -48.81 To 9999. %



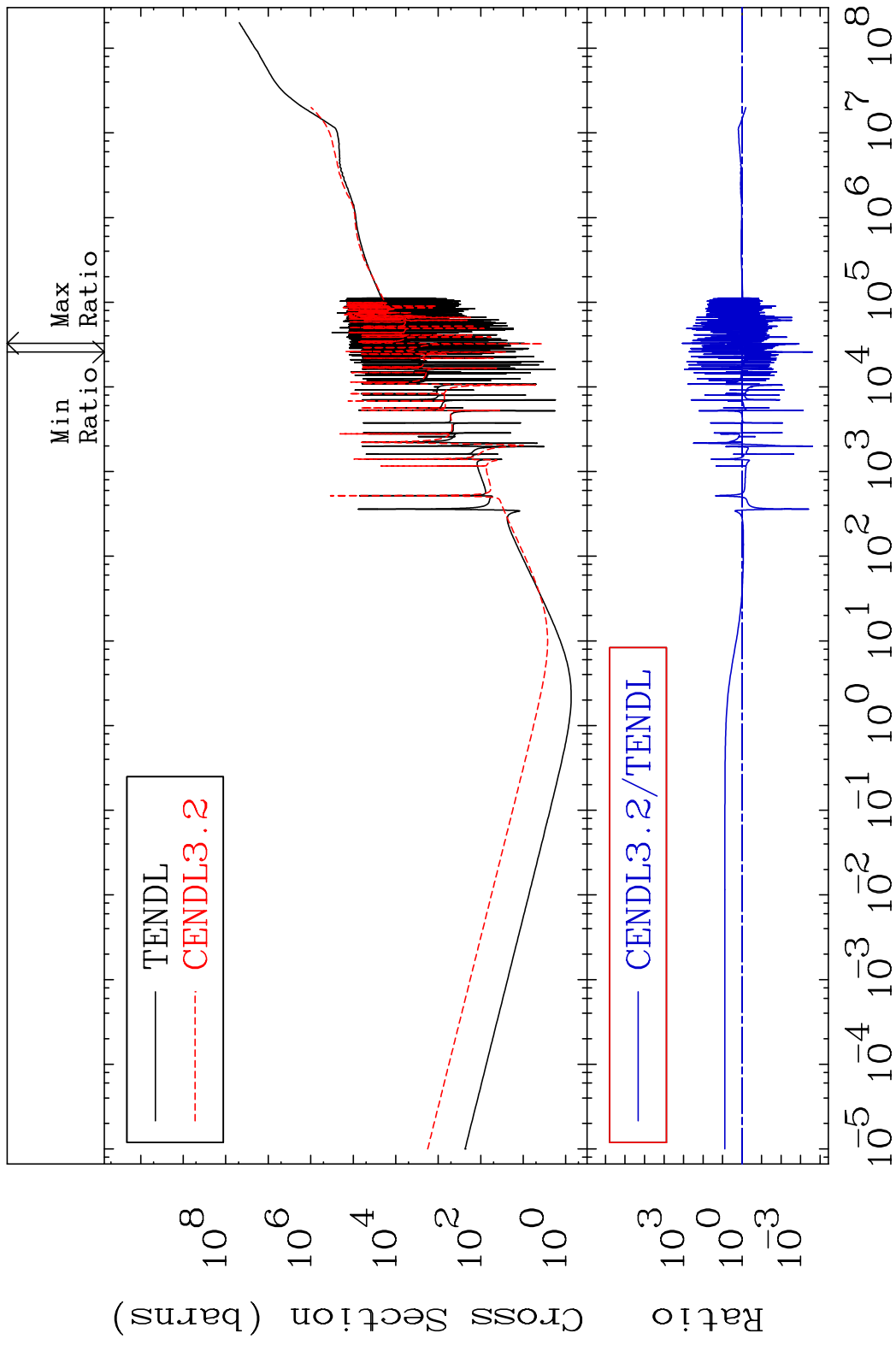
38 Incident Energy (eV) 36-Kr-84

MAT 3643 Total photon (eV-barns) 36-Kr-84
 Cross Section -48.81 To 9999. %



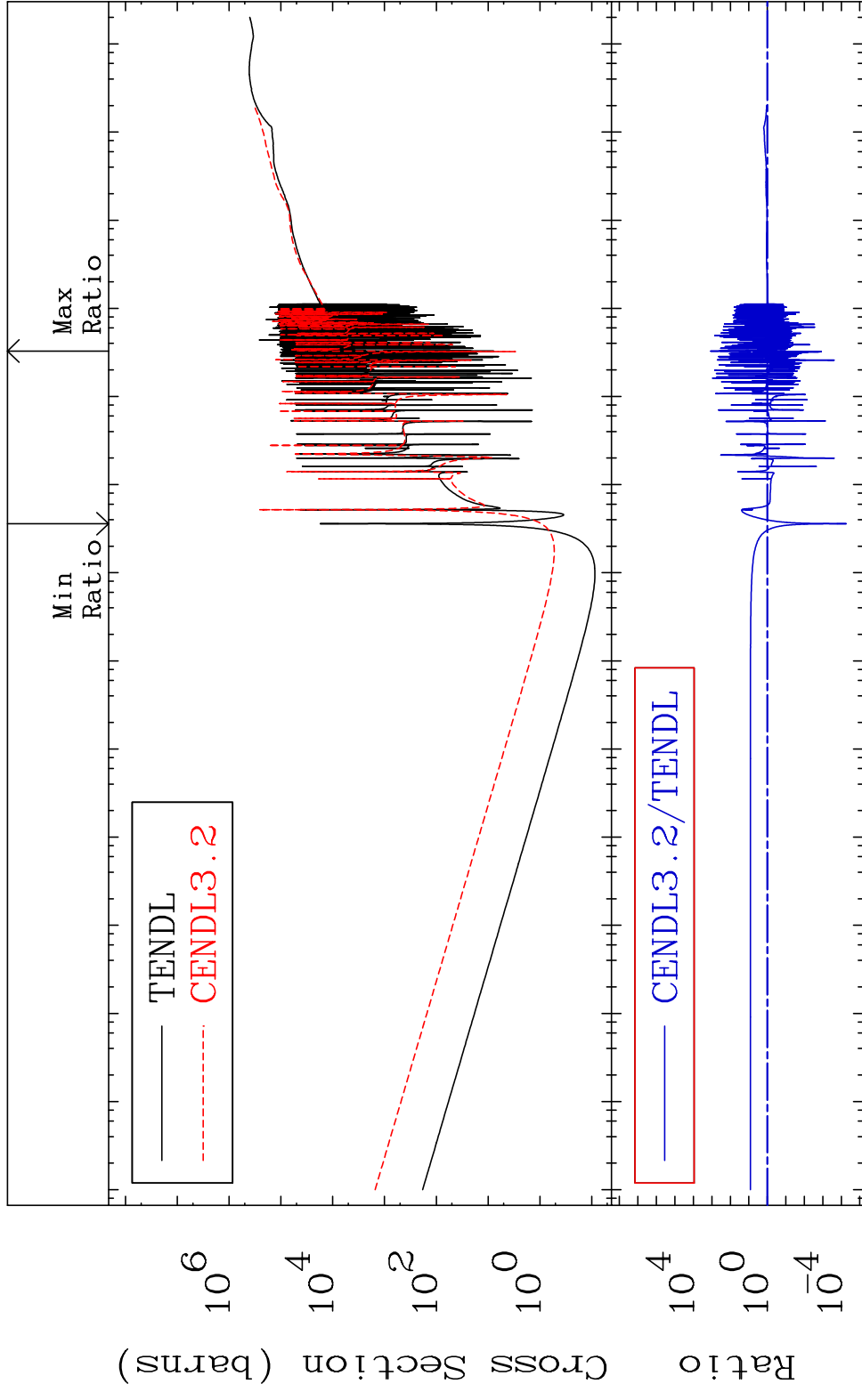
39 Incident Energy (eV) 36-Kr-84

MAT 3643 Total kinematic kerma (high limit) 36-Kr-84
 Cross Section -99.98 To 9999. %



40 Incident Energy (eV) 36-Kr-84

MAT 3643 Dpa total (eV-barns) 36-Kr-84
 Cross Section -99.99 To 9999. %



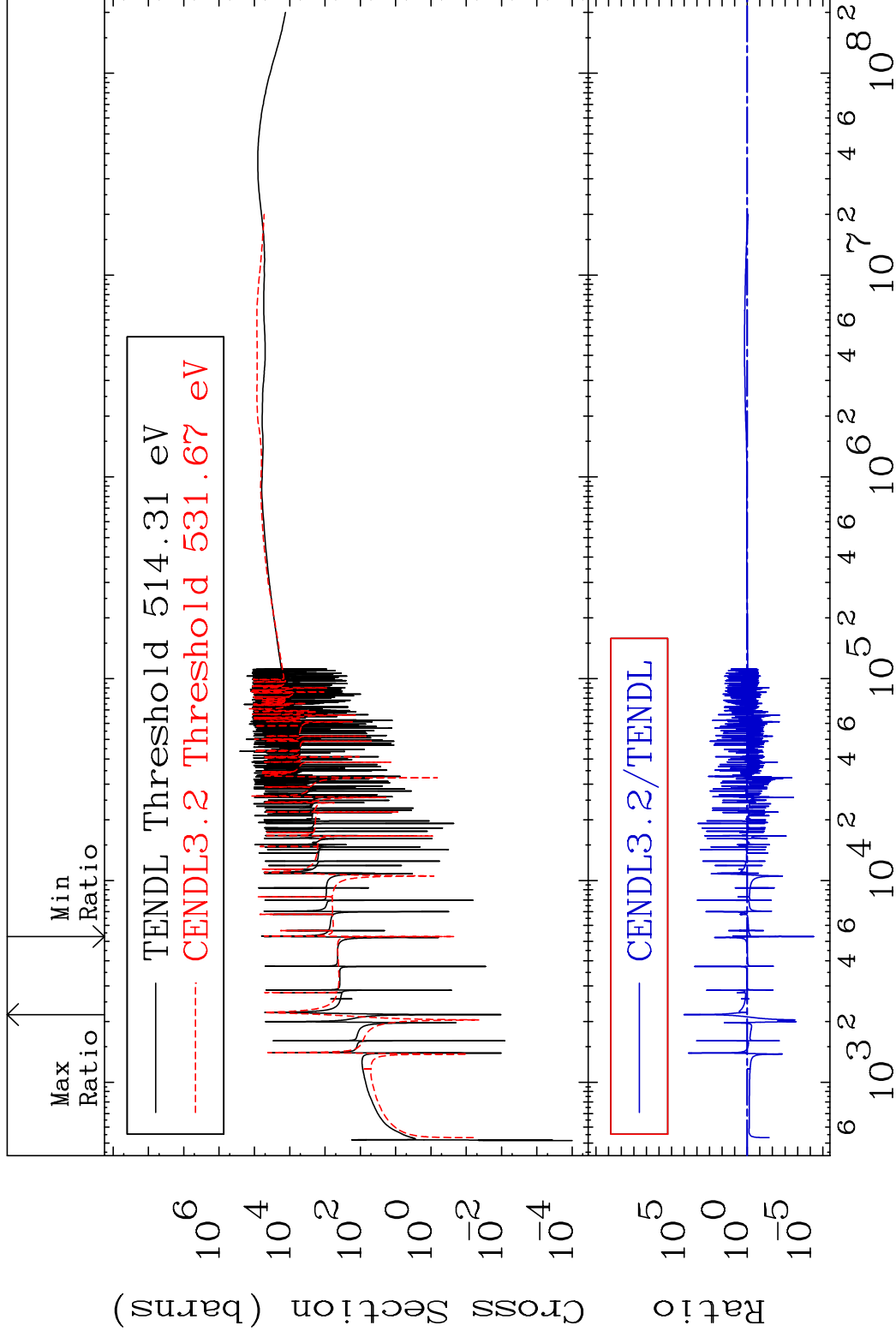
41 Incident Energy (eV) 36-Kr-84

MAT 3643

Dpa elastic (mt2)

36-Kr-84

Cross Section -100.0 To 9999. %

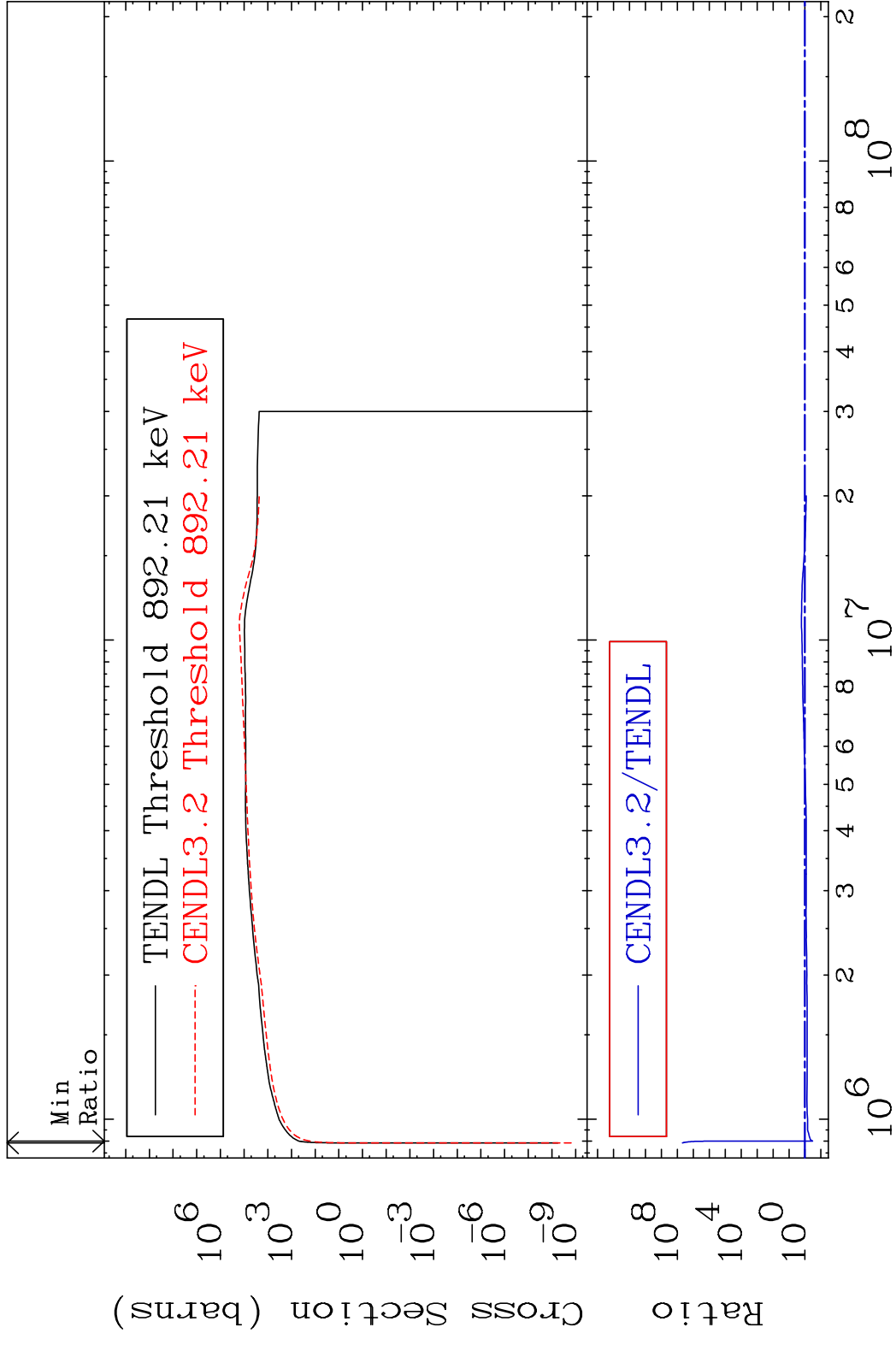


42

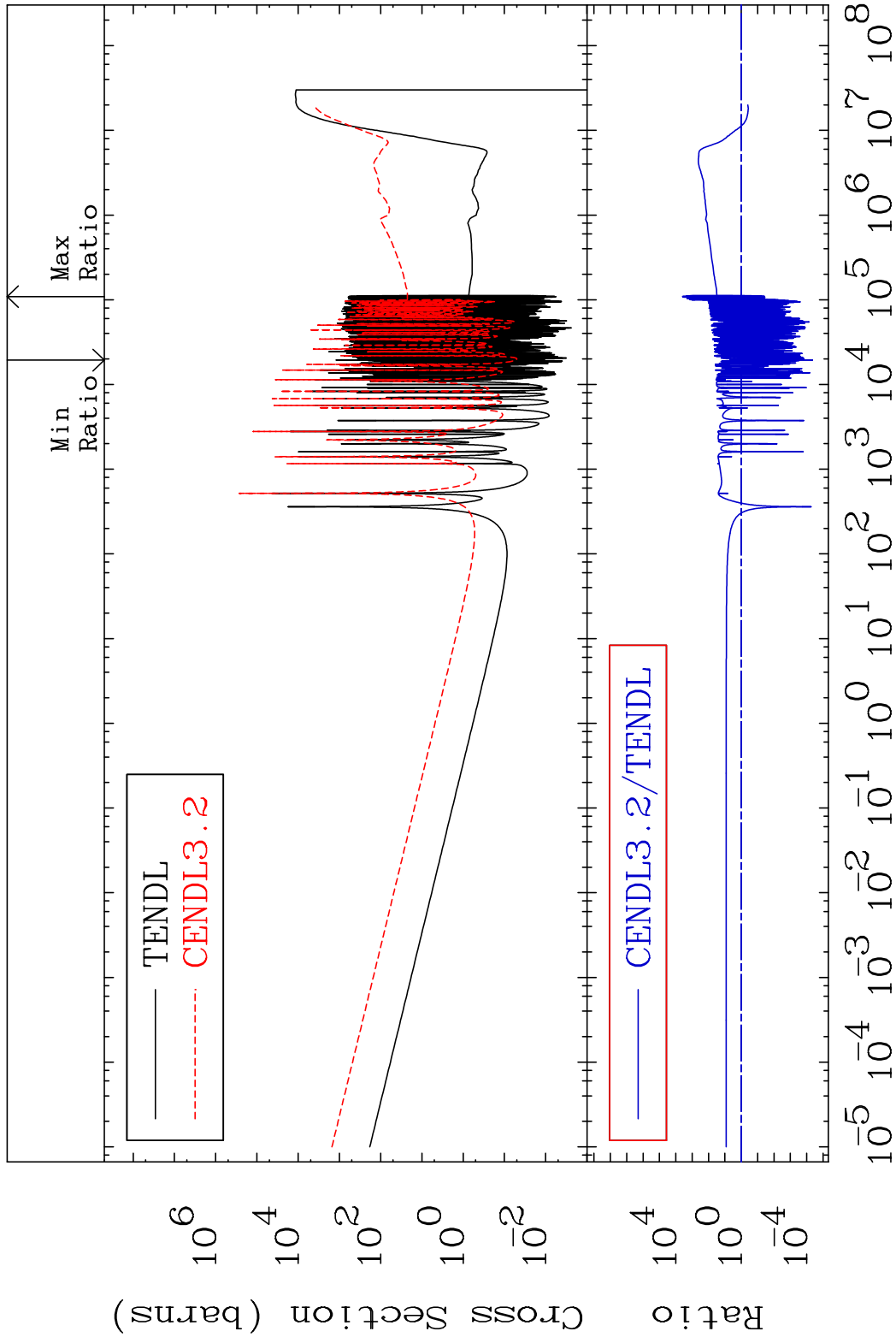
Incident Energy (eV)

36-Kr-84

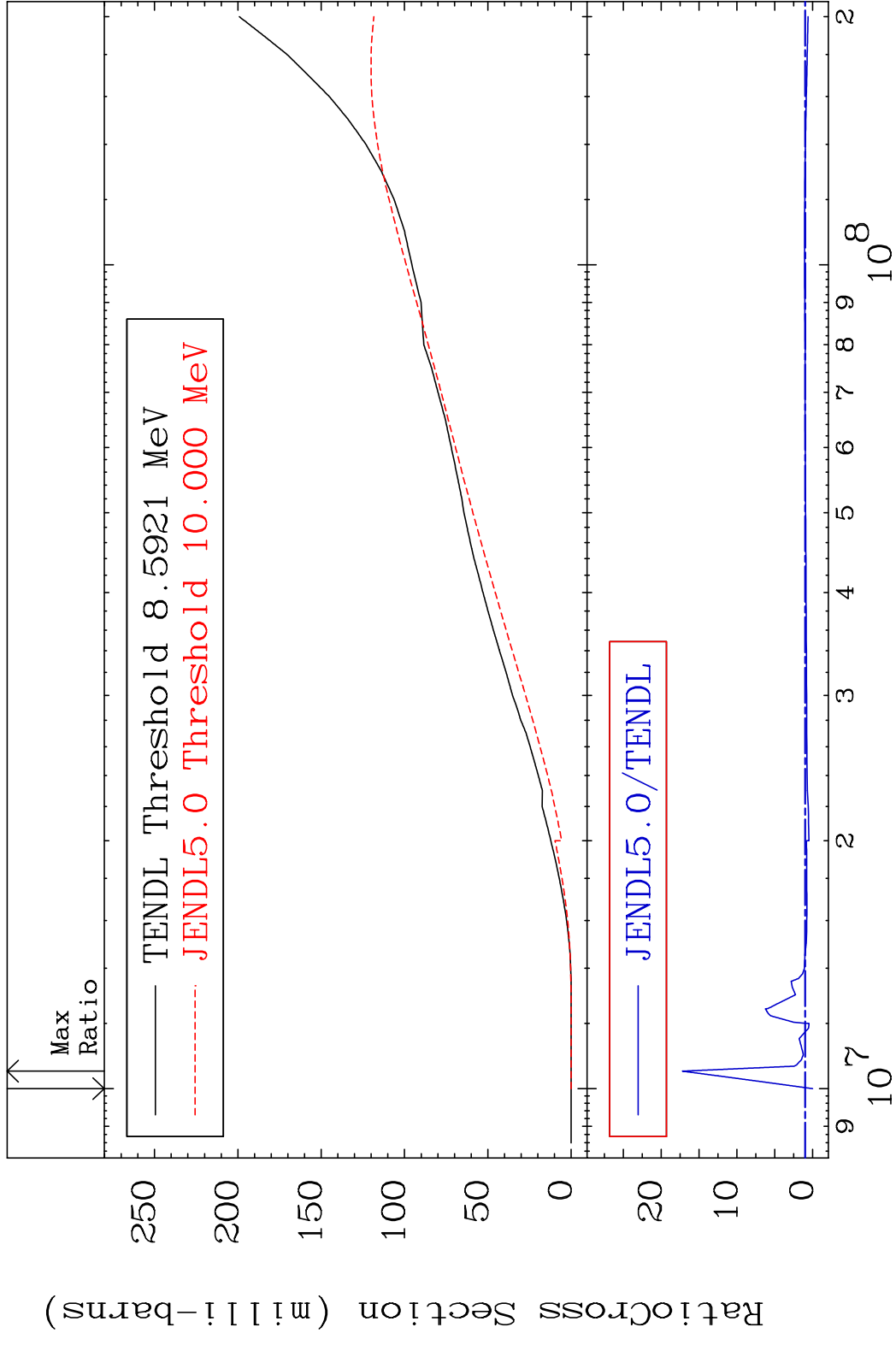
MAT 3643 Dpa inelastic (mt51-91) 36-Kr-84
 Cross Section -66.63 To 9999. %



MAT 3643 Dpa disappearance (mt102 -120) 36-Kr-84
 Cross Section -100.0 To 9999. %

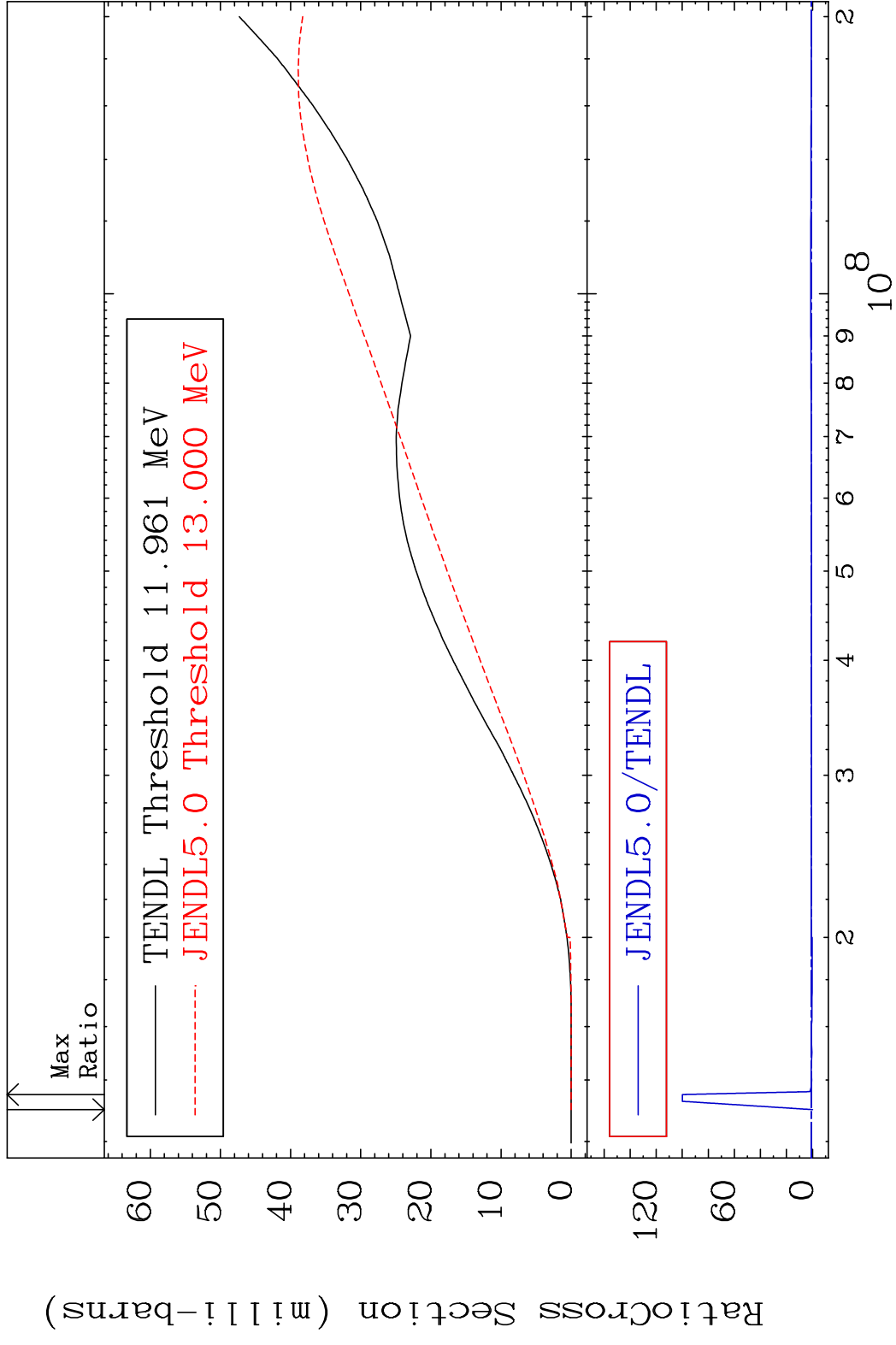


MAT 3643 Deuterium Production 36-Kr-84
 Cross Section -100.0 To 1619. %



45 36-Kr-84

MAT 3643 Tritium Production 36-Kr-84
 Cross Section -100.0 To 9892. %

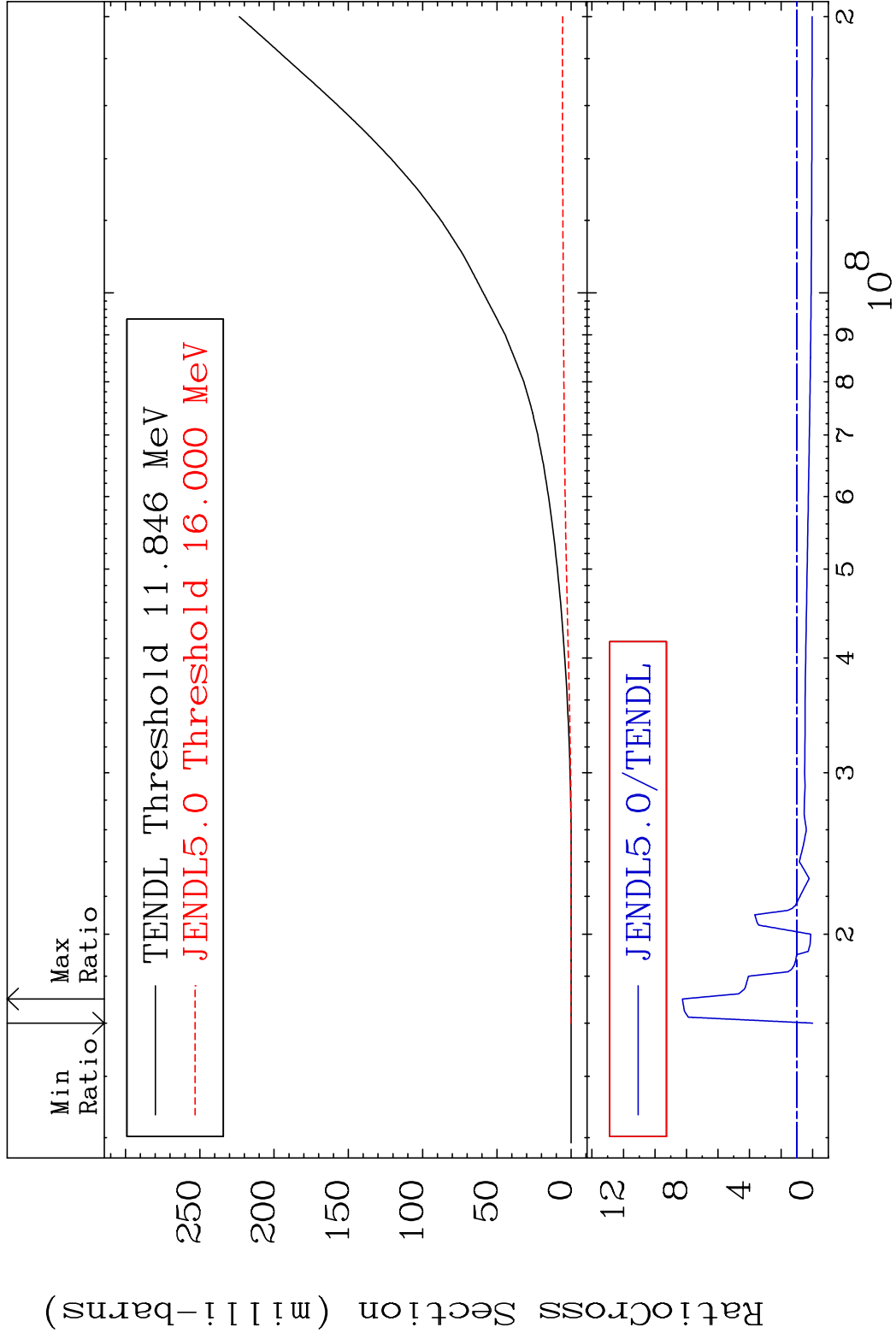


MAT 3643

He-3 Production

³⁶Kr-84

Cross Section -100.0 To 726.2 %



47

Incident Energy (eV)

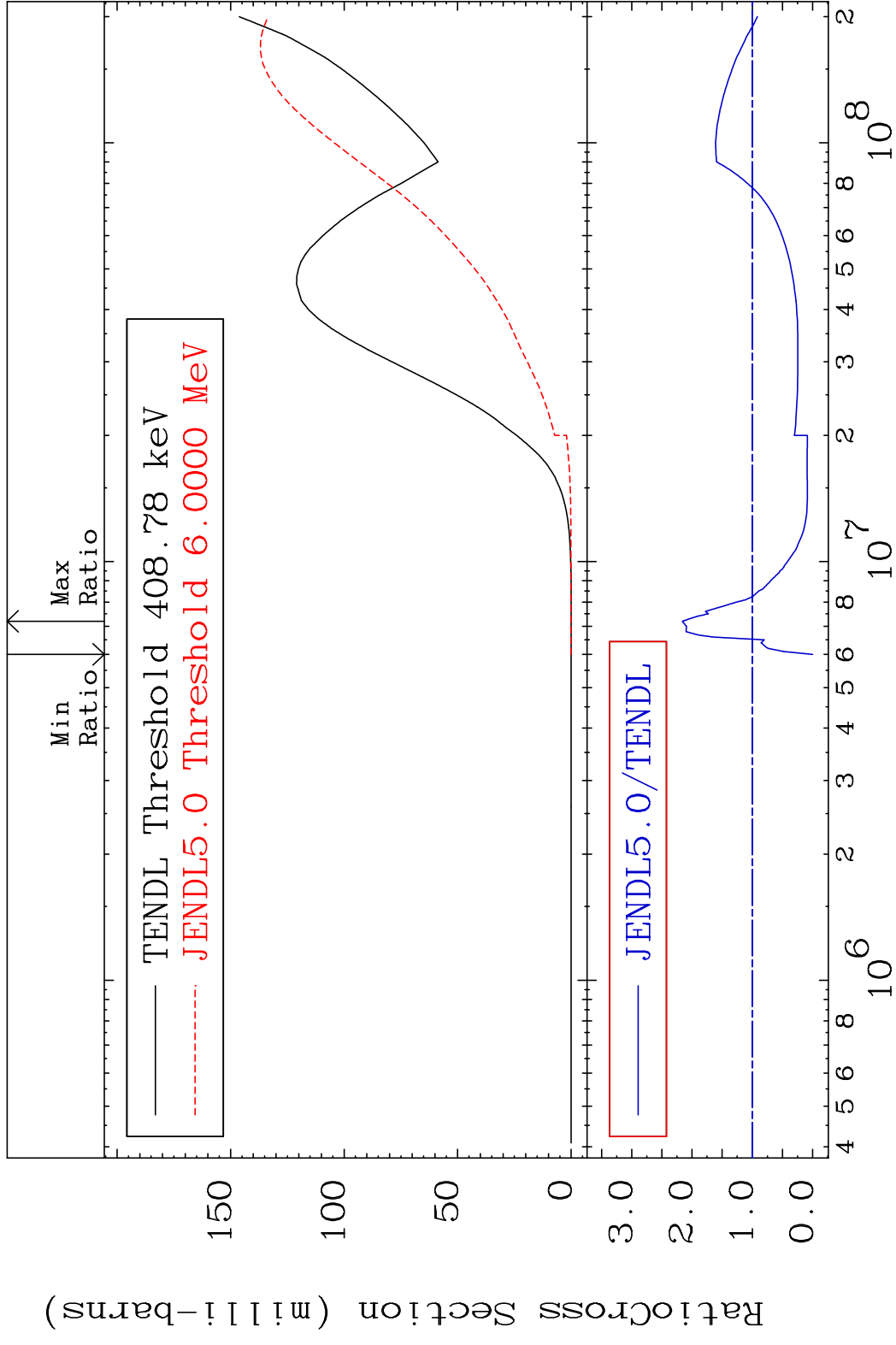
³⁶Kr-84

MAT 3643

He-4 Production

36-Kr-84

Cross Section -100.0 To 116.1 %

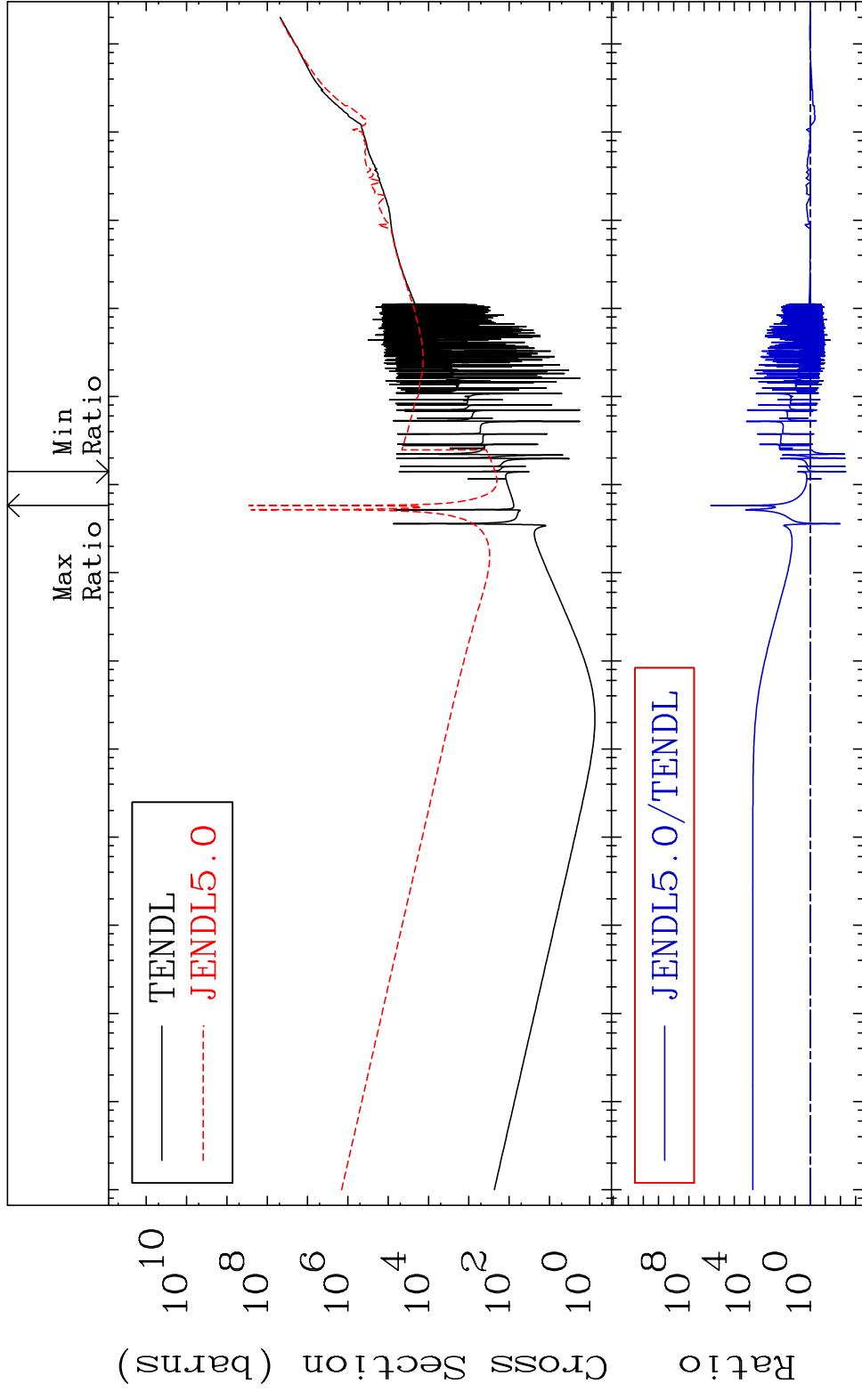


48

Incident Energy (eV)

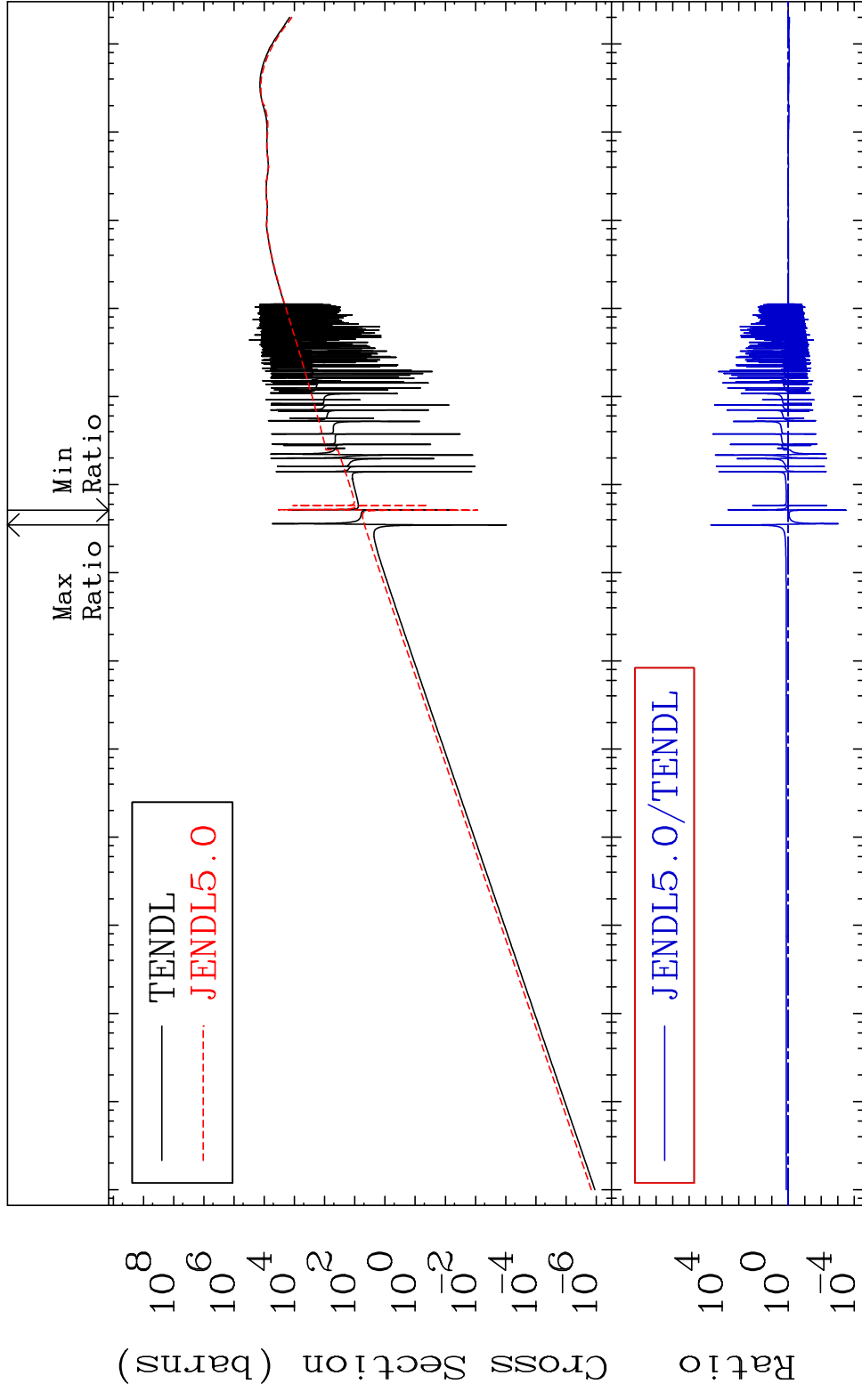
36-Kr-84

MAT 3643 Kerma total (eV-barns) 36-Kr-84
 Cross Section -99.59 To 9999. %



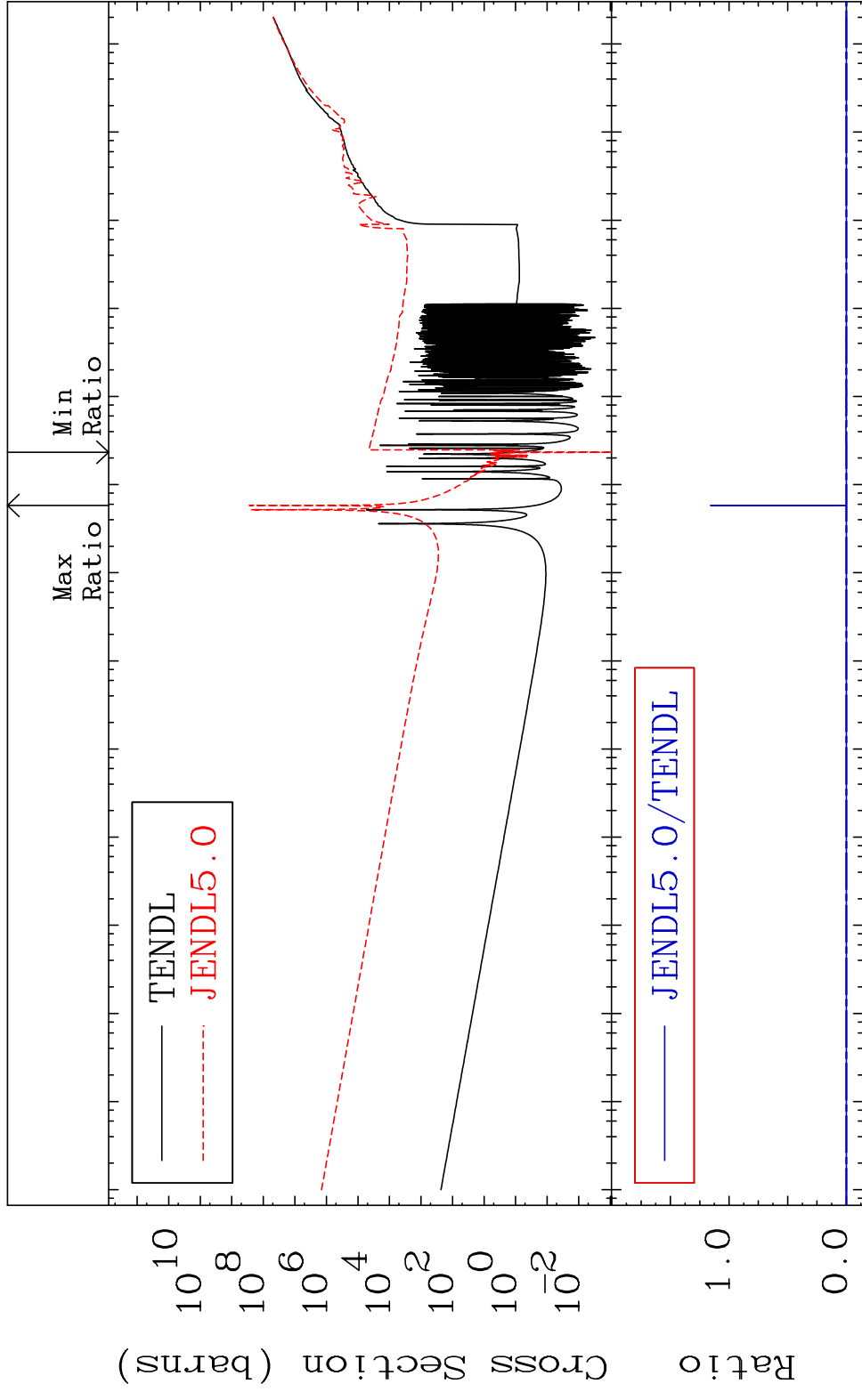
MAT 3643

Kerma elastic Cross Section -99.97 To 9999. %
36-Kr-84

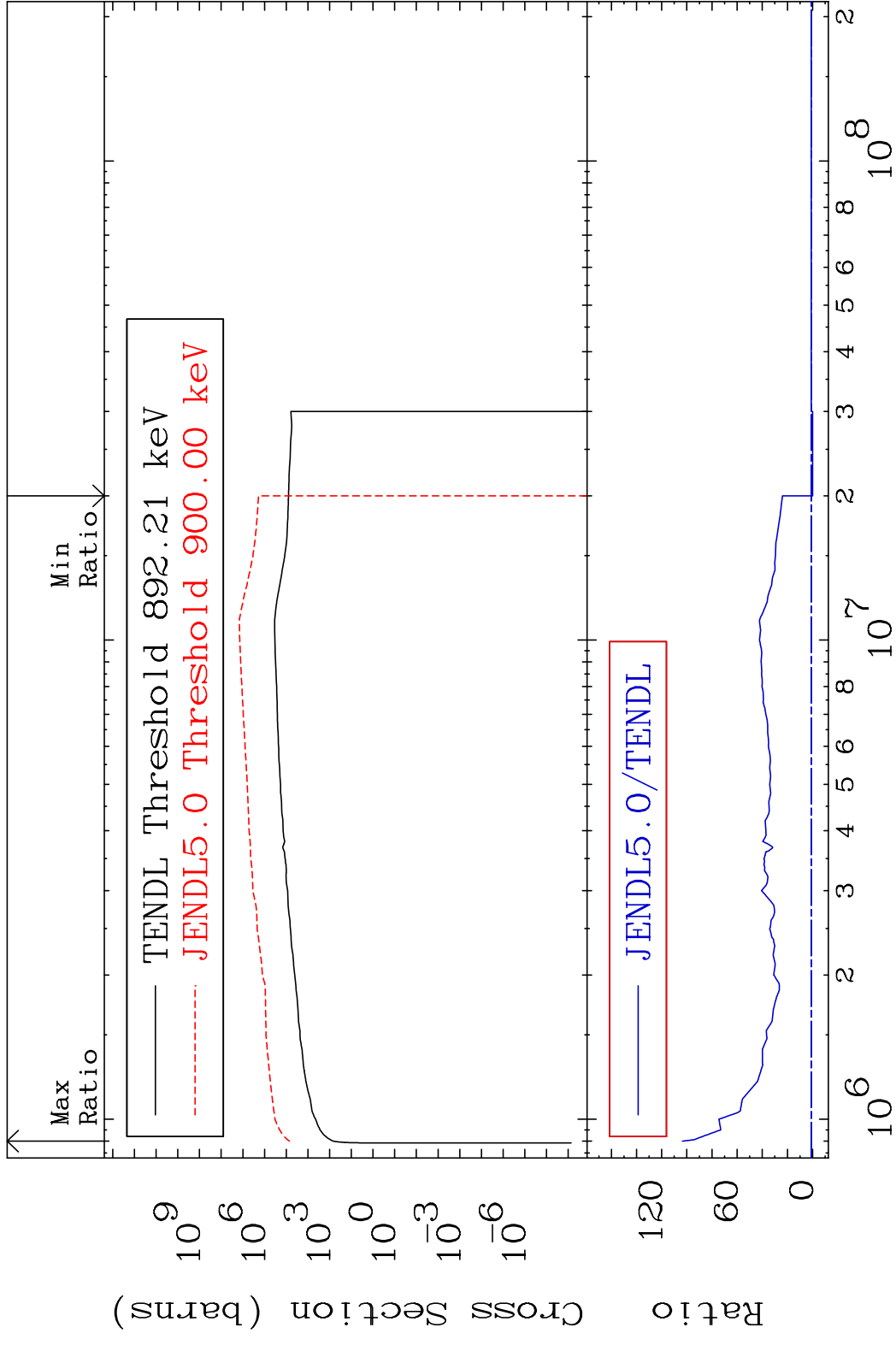


Incident Energy (eV) 36-Kr-84

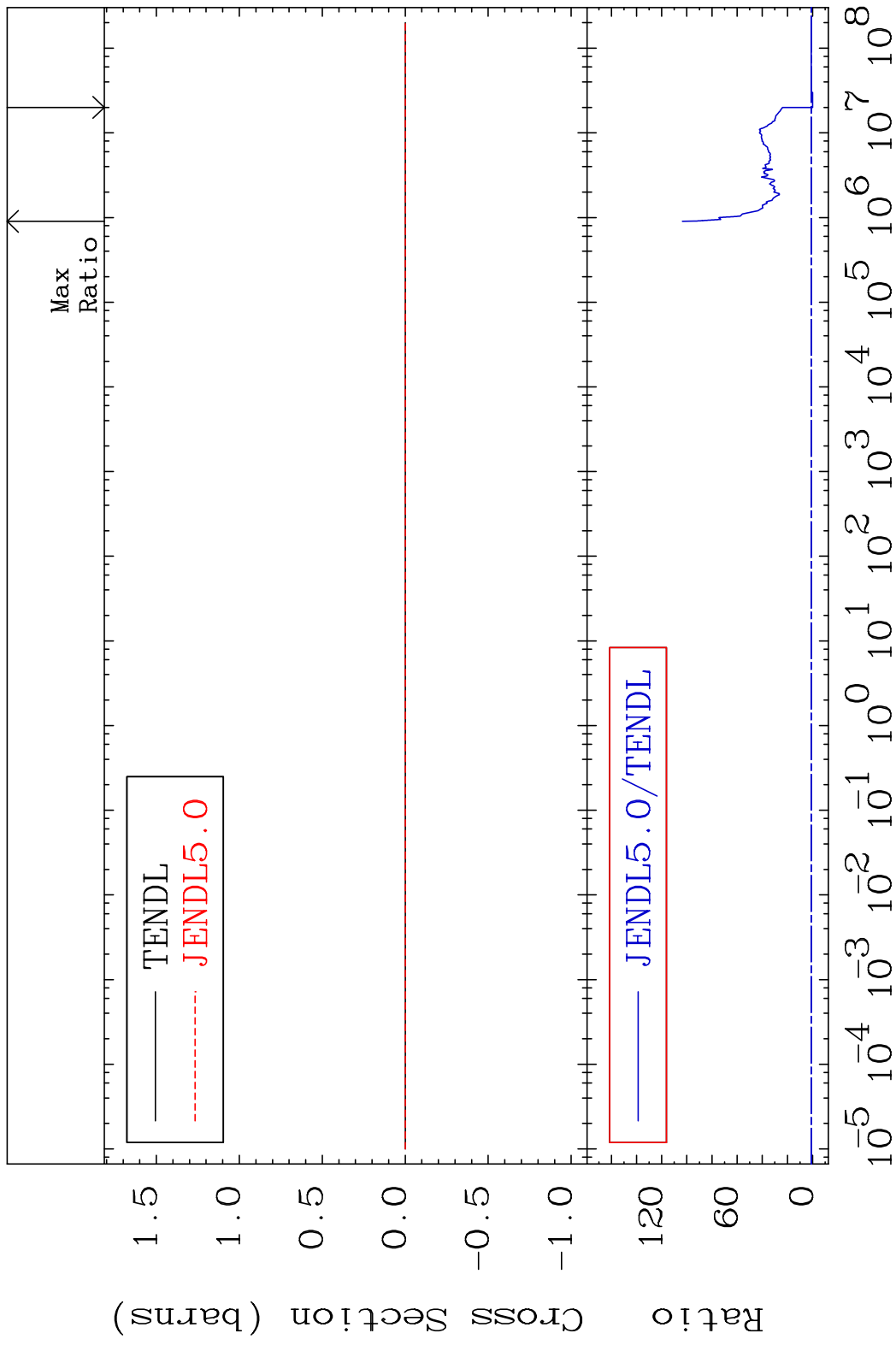
MAT 3643 Kerma non-elastic (all but mt2) 36-Kr-84
 Cross Section -104.6 To 9999. %



MAT 3643 Kerma inelastic (mt51-91) 36-Kr-84
 Cross Section -100.0 To 9999. %

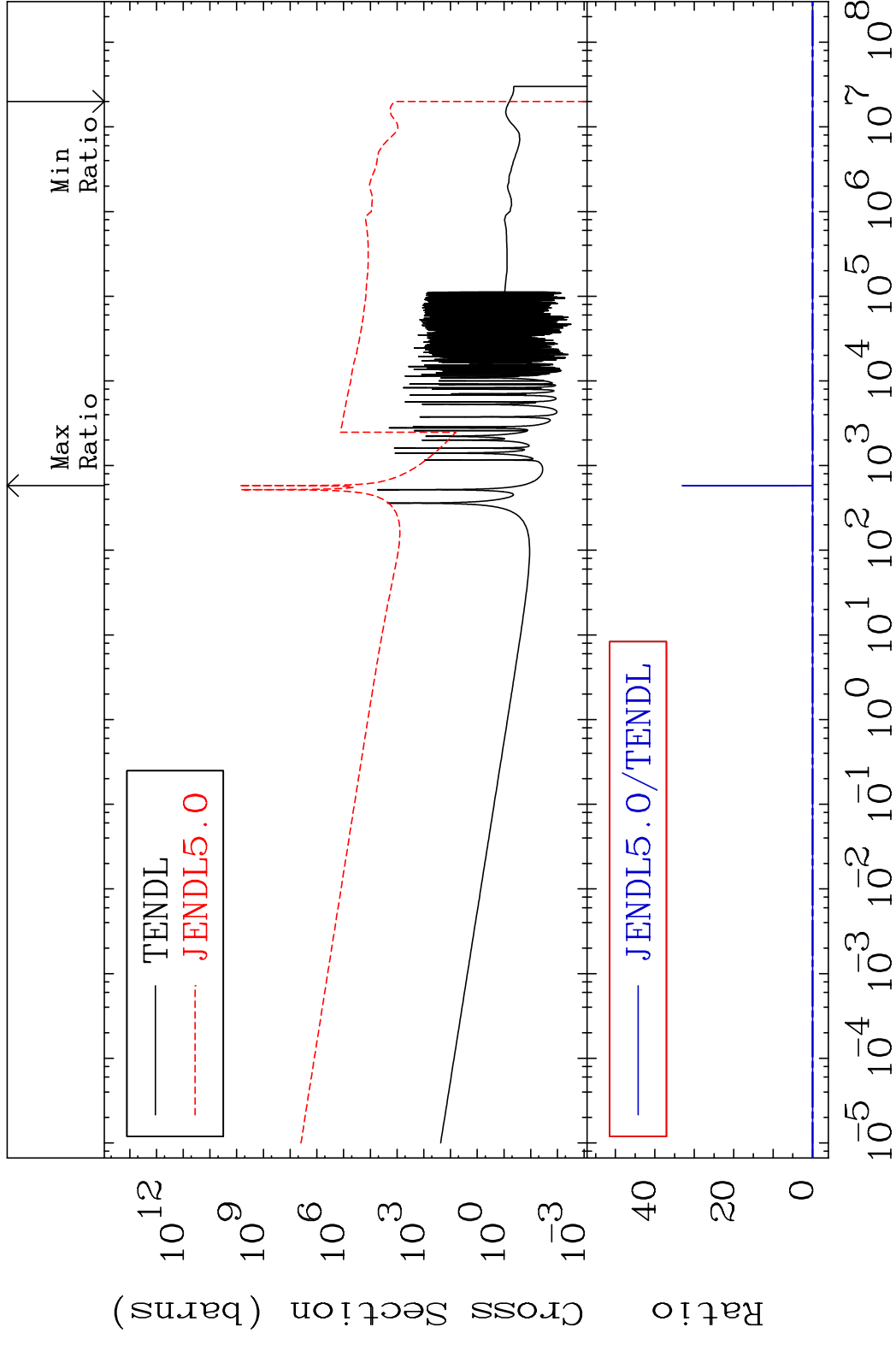


MAT 3643 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-84
 Cross Section -100.0 To 9999. %



MAT 3643

Kerma capture (mt102) 36-Kr-84
Cross Section -100.0 To 9999. %

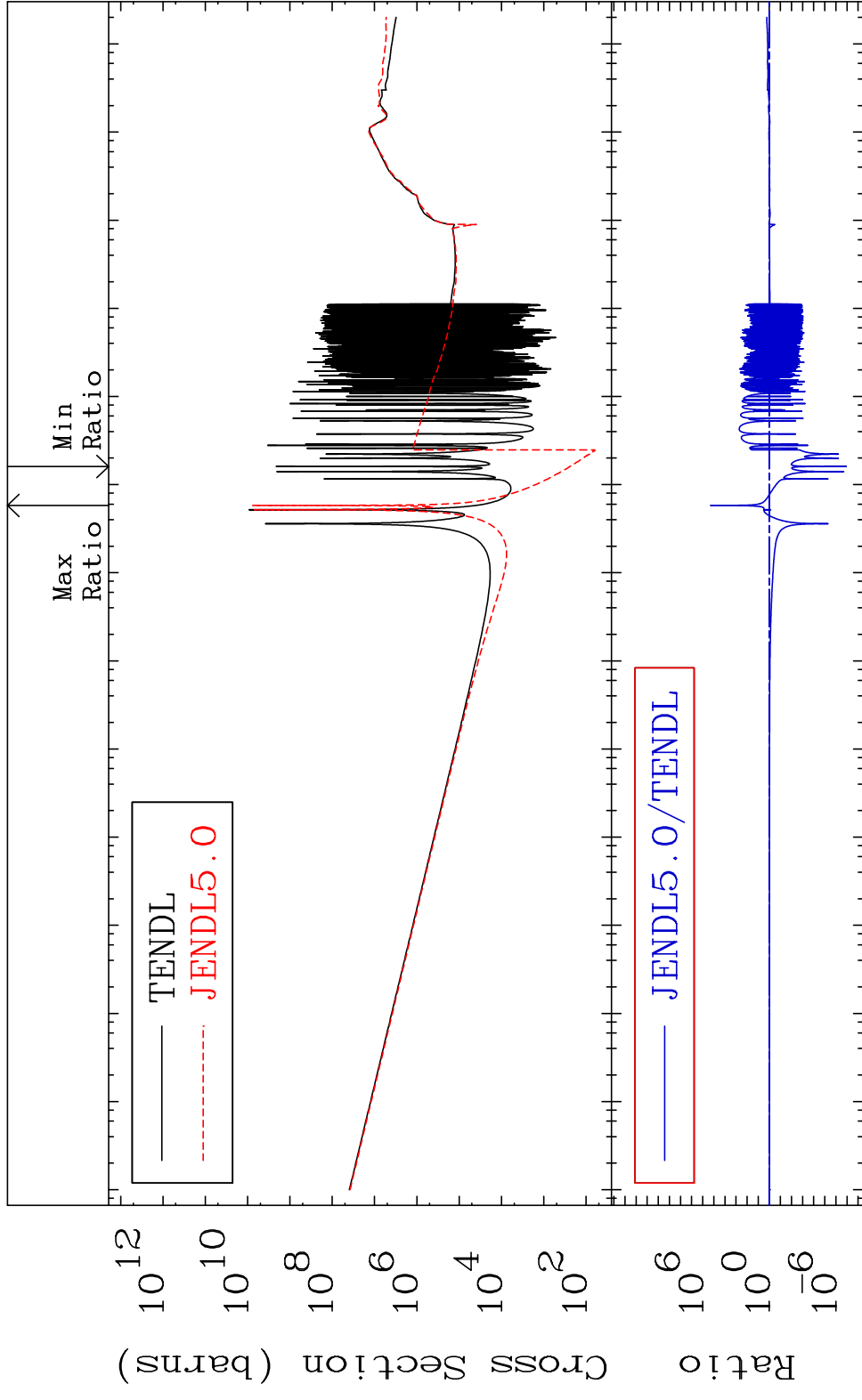


54

Incident Energy (eV)

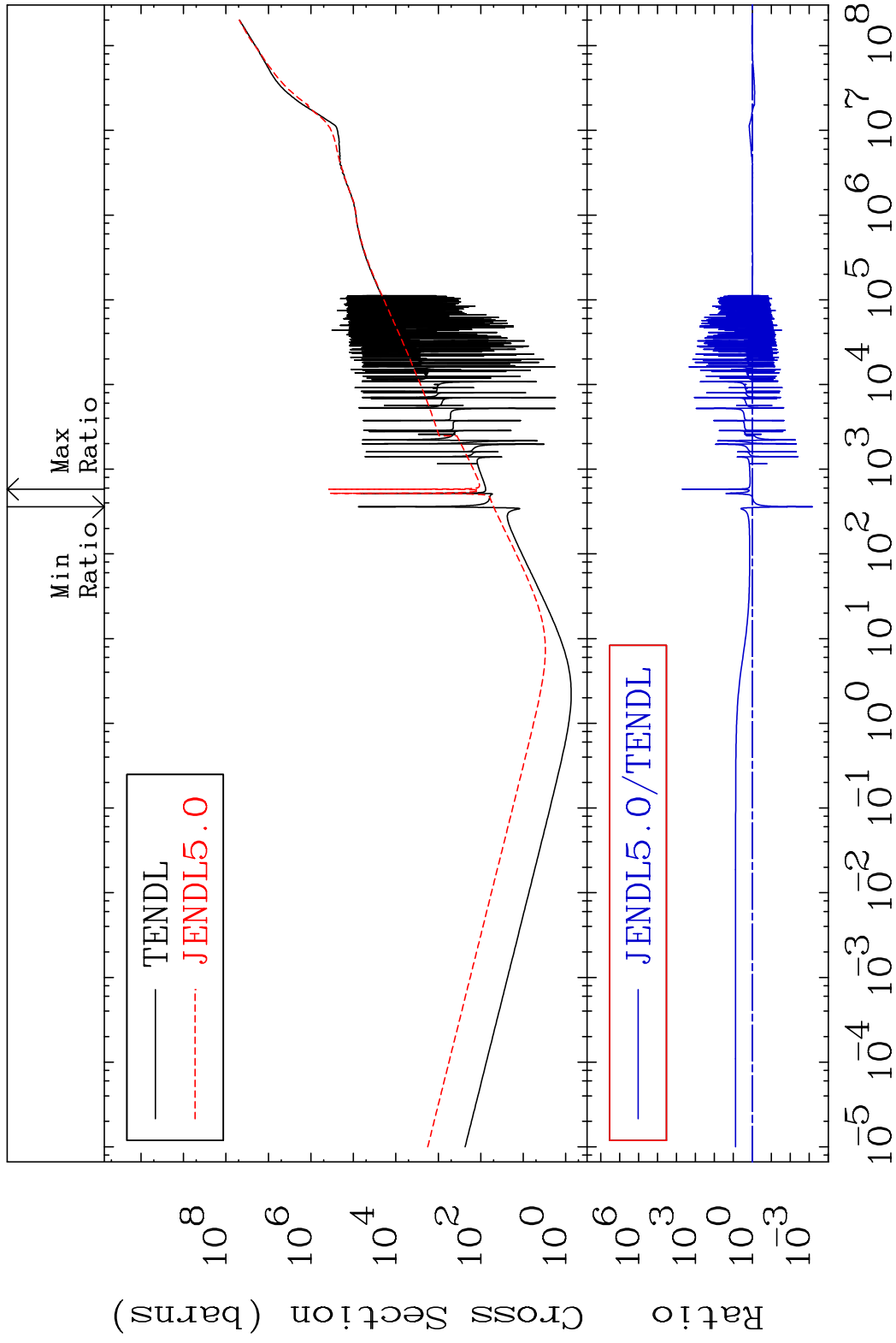
36-Kr-84

MAT 3643 Total photon (eV-barns) 36-Kr-84
Cross Section -100.0 To 9999. %

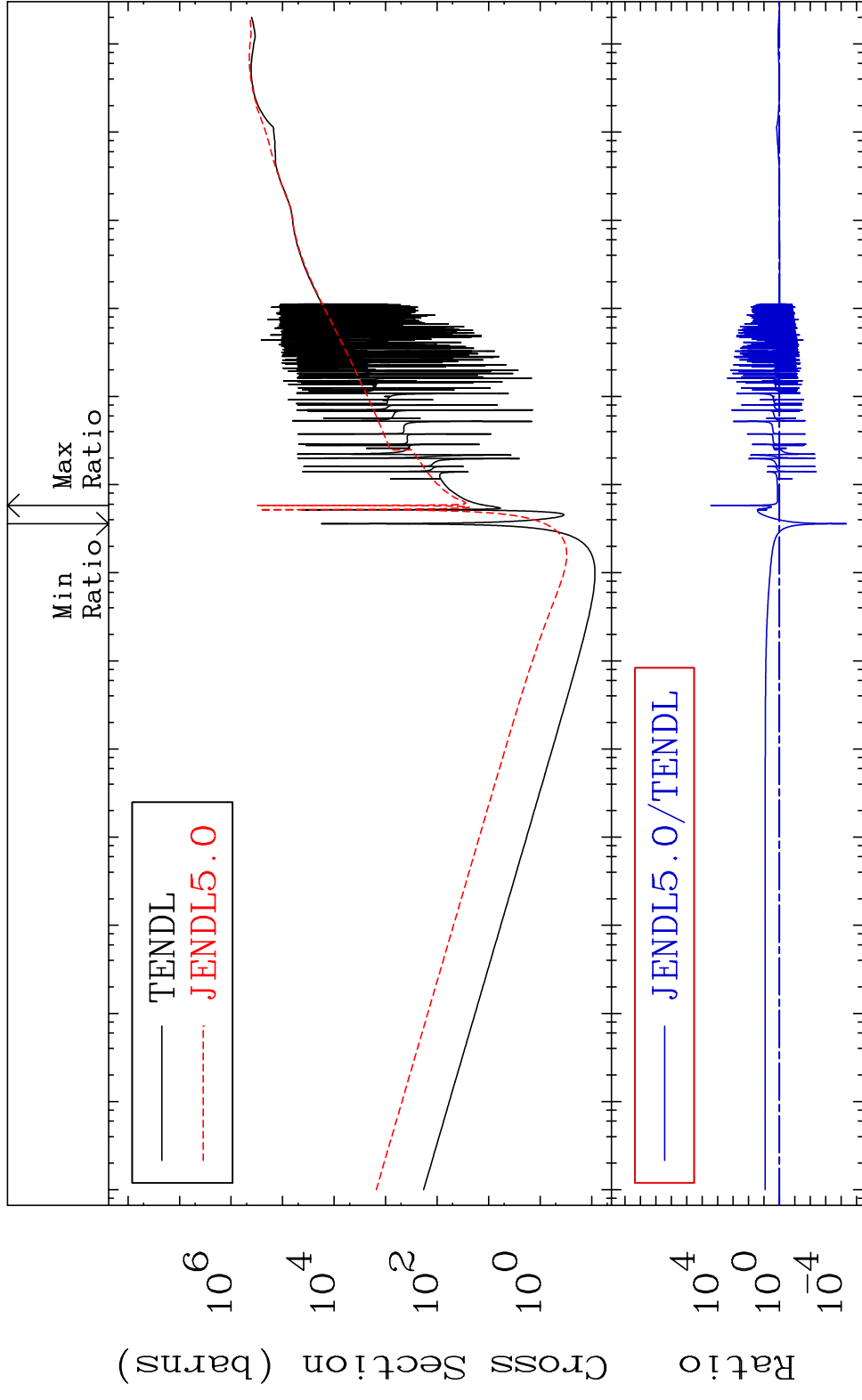


55 Incident Energy (eV) 36-Kr-84

MAT 3643 Total kinematic kerma (high limit) 36-Kr-84
 Cross Section -99.93 To 9999. %



MAT 3643 Dpa total (eV-barns) 36-Kr-84
 Cross Section -100.0 To 9999. %

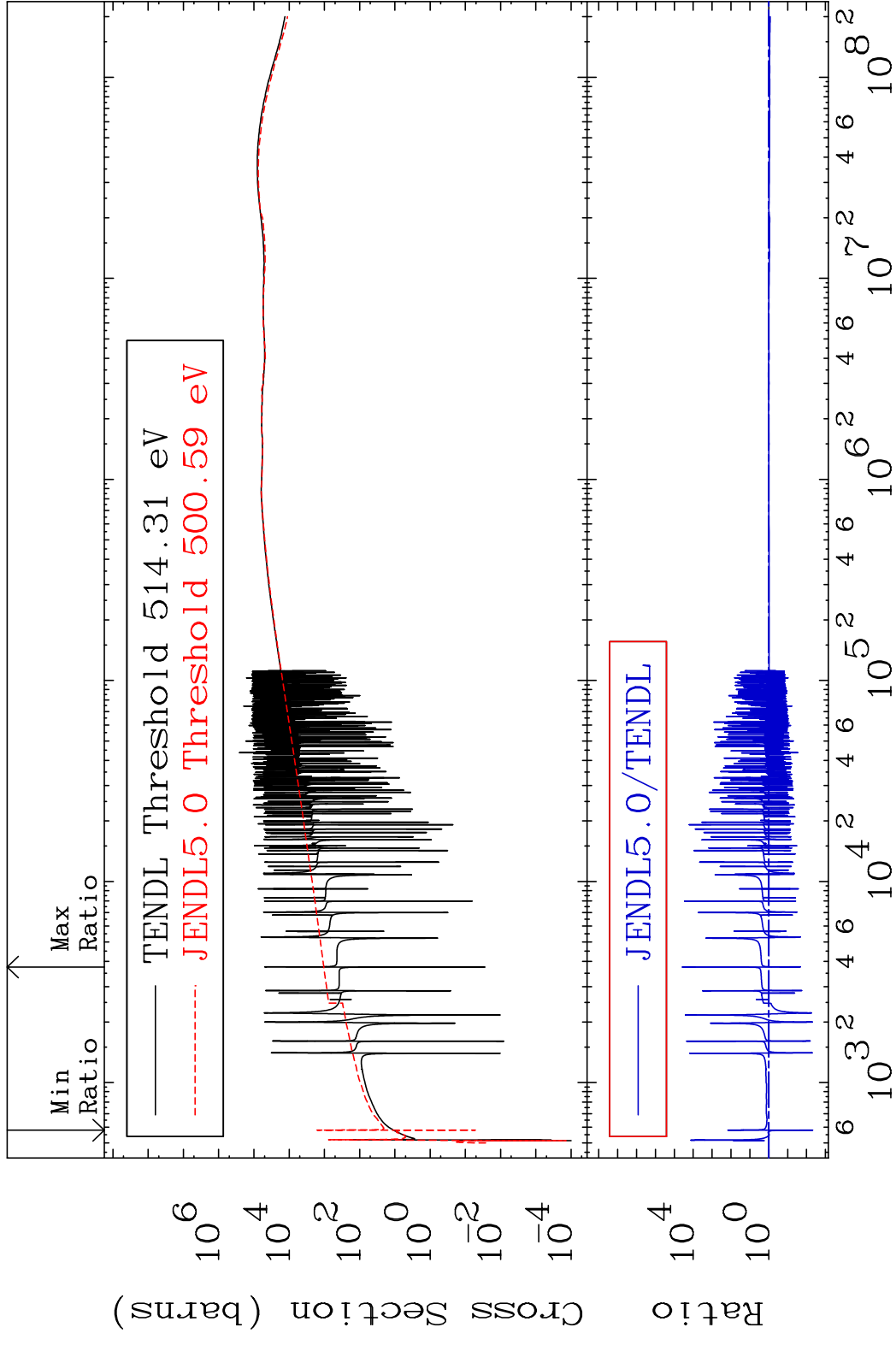


MAT 3643

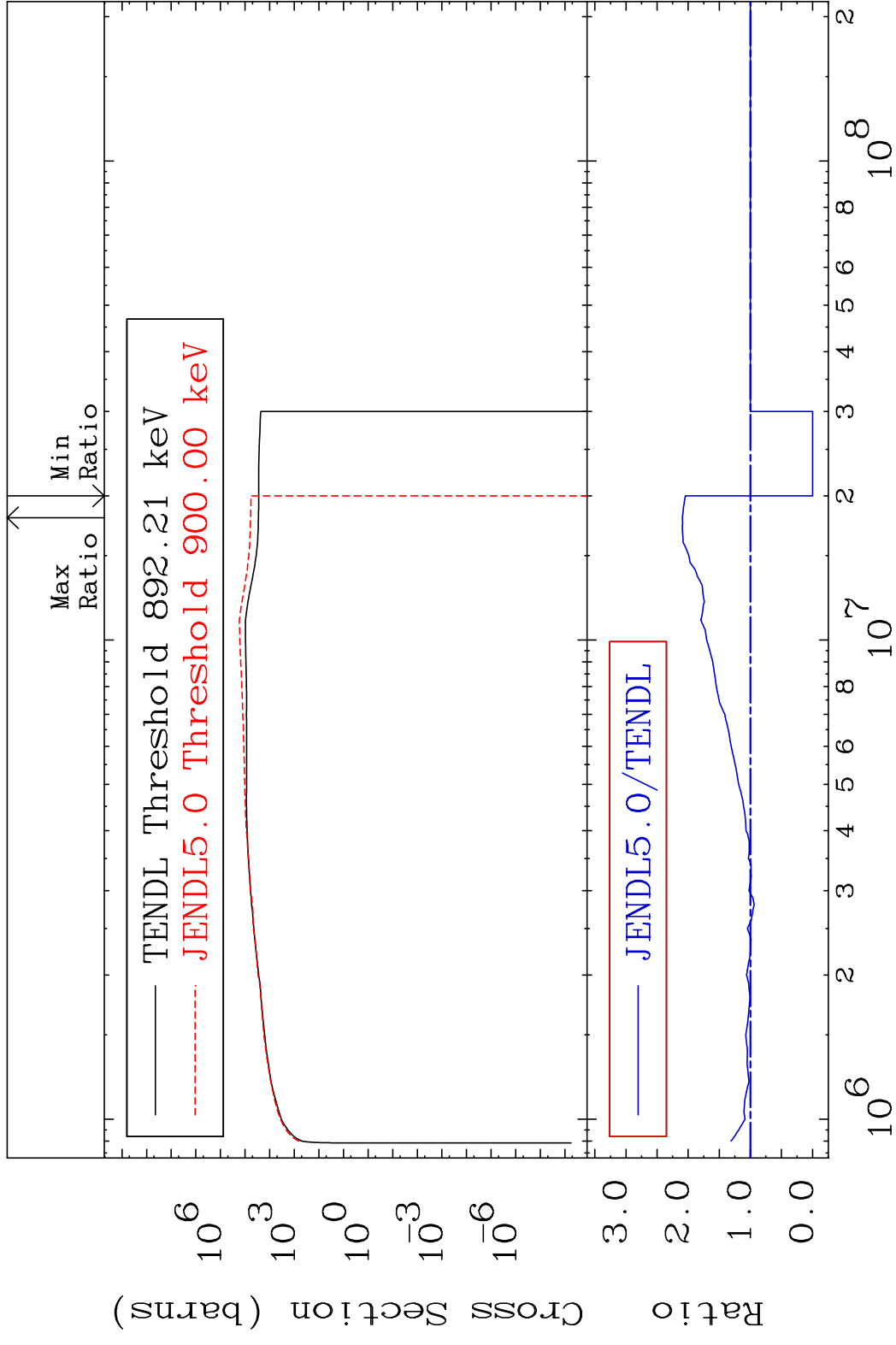
Dpa elastic (mt2)

36-Kr-84

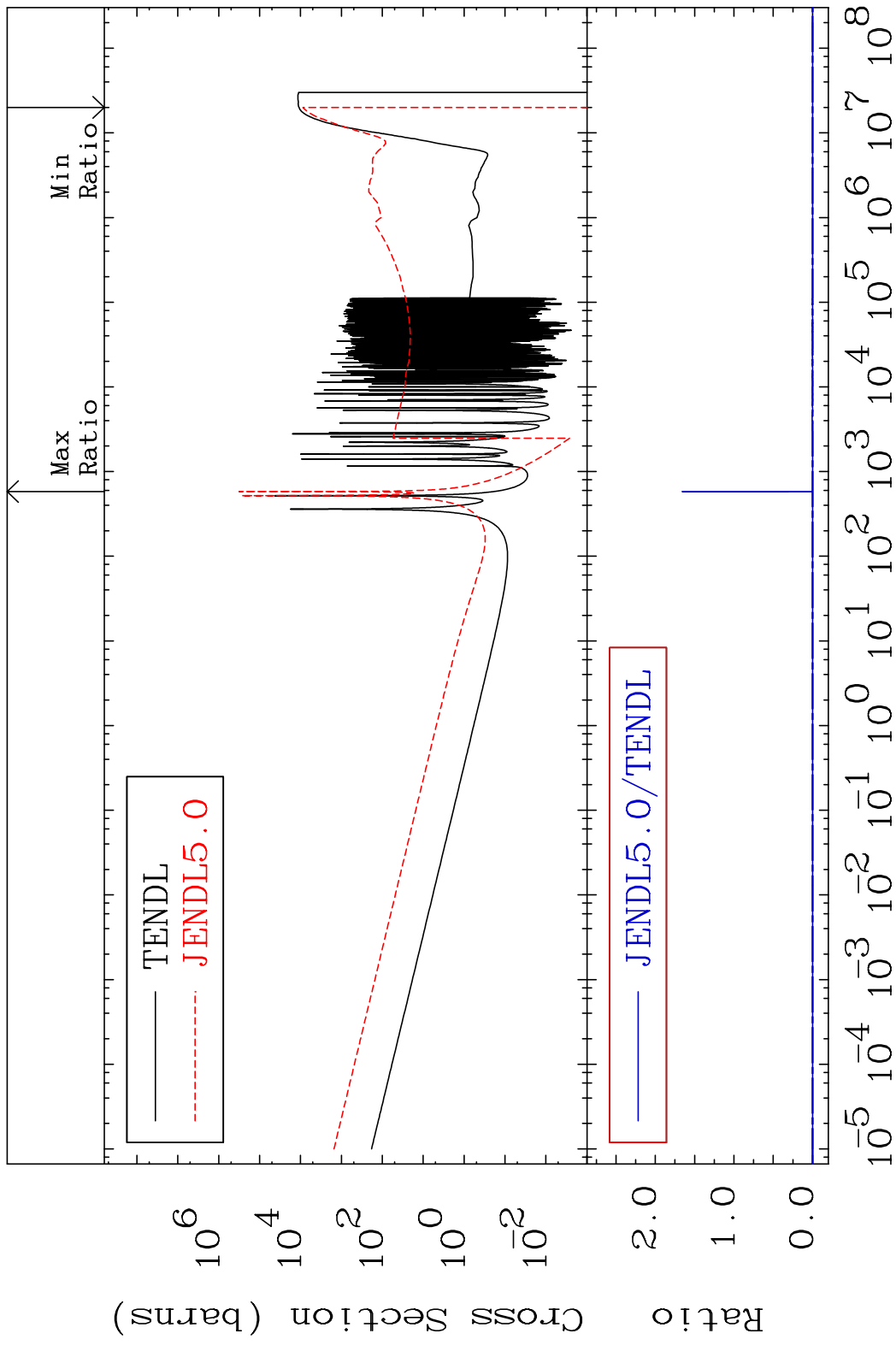
Cross Section -99.52 To 9999. %



MAT 3643 Dpa inelastic (mt51-91) 36-Kr-84
 Cross Section -100.0 To 109.4 %

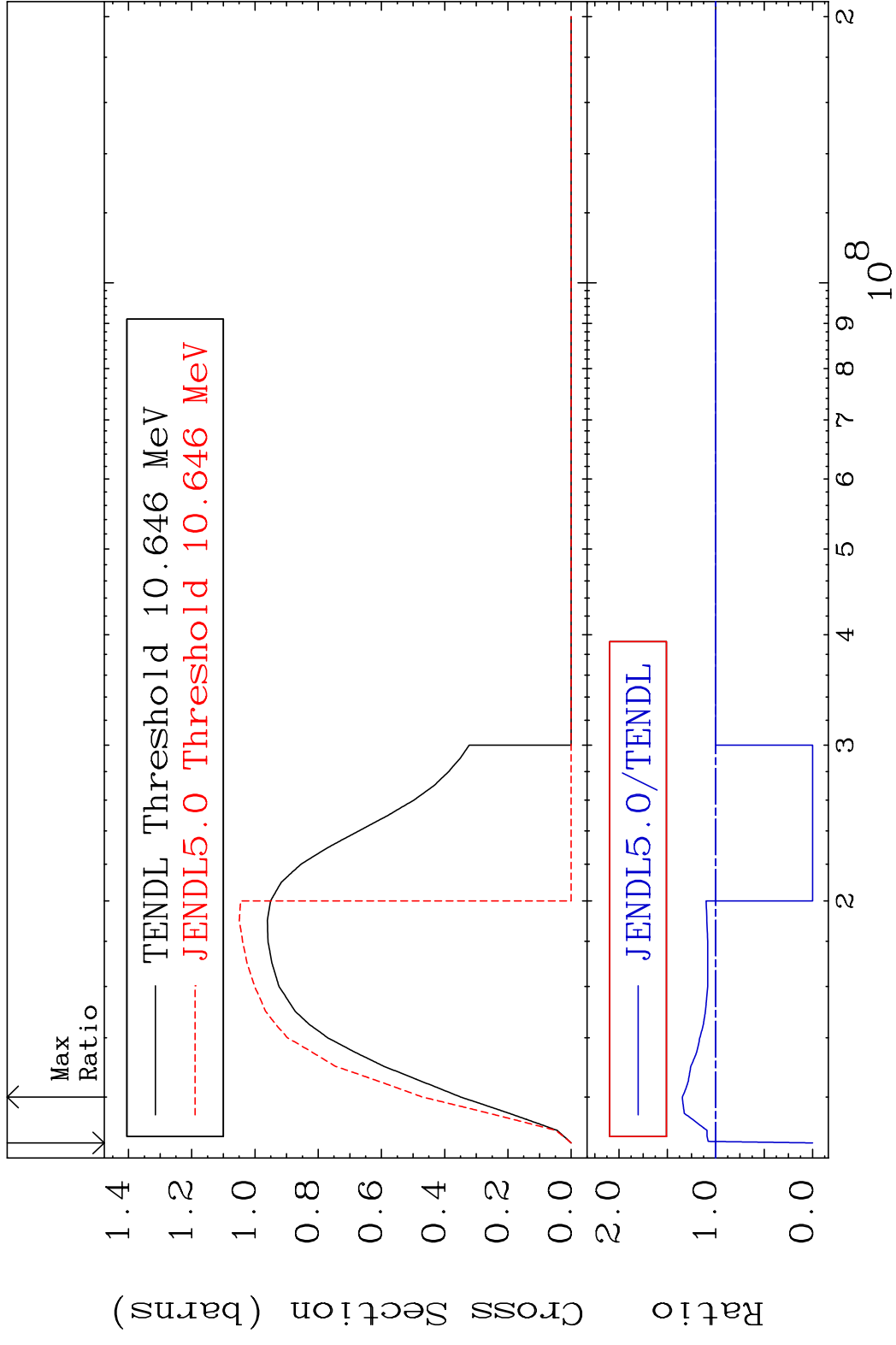


MAT 3643 Dpa disappearance (mt102 -120) 36-Kr-84
 Cross Section -100.0 To 9999. %

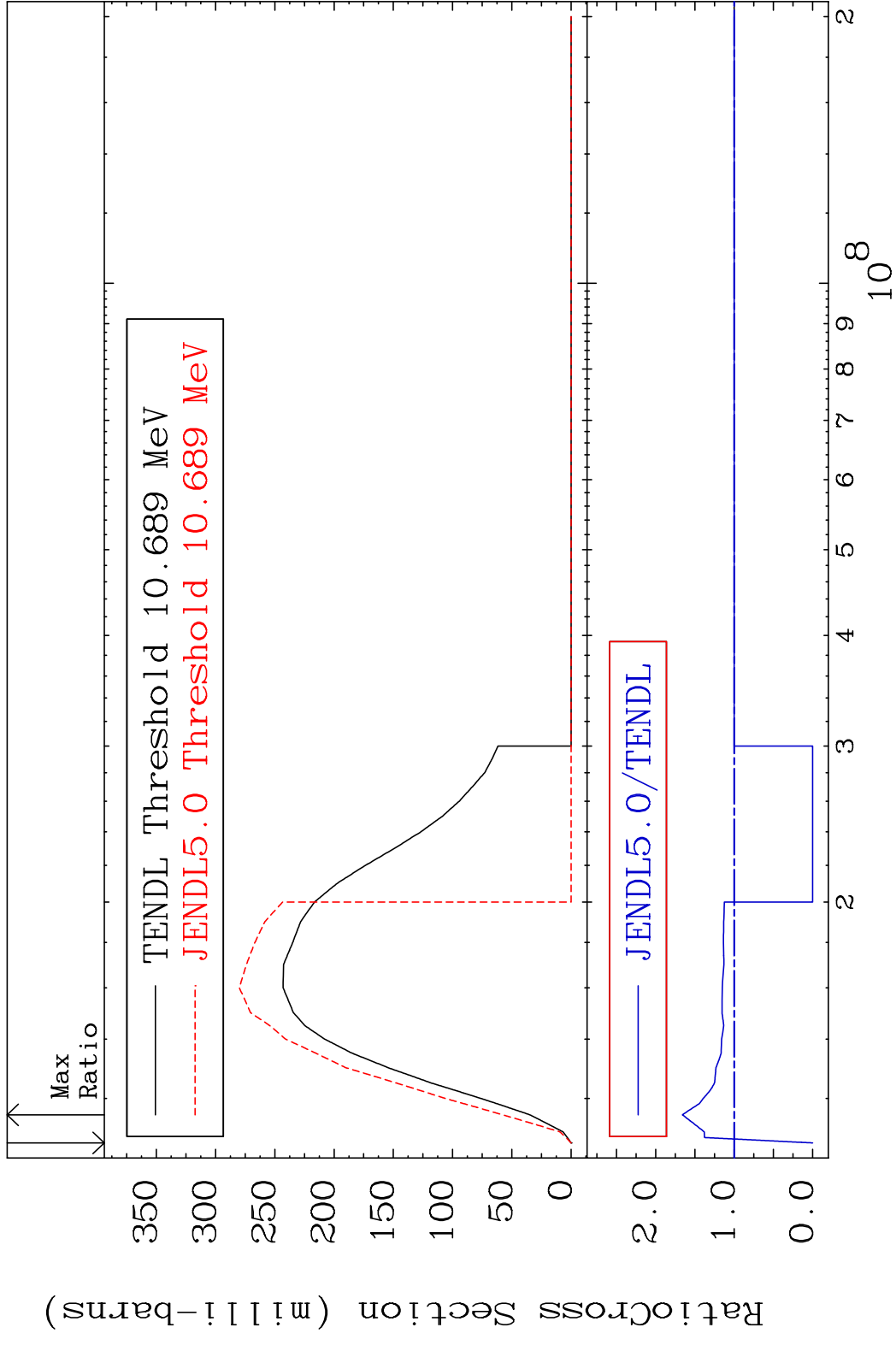


60 Incident Energy (eV) 36-Kr-84

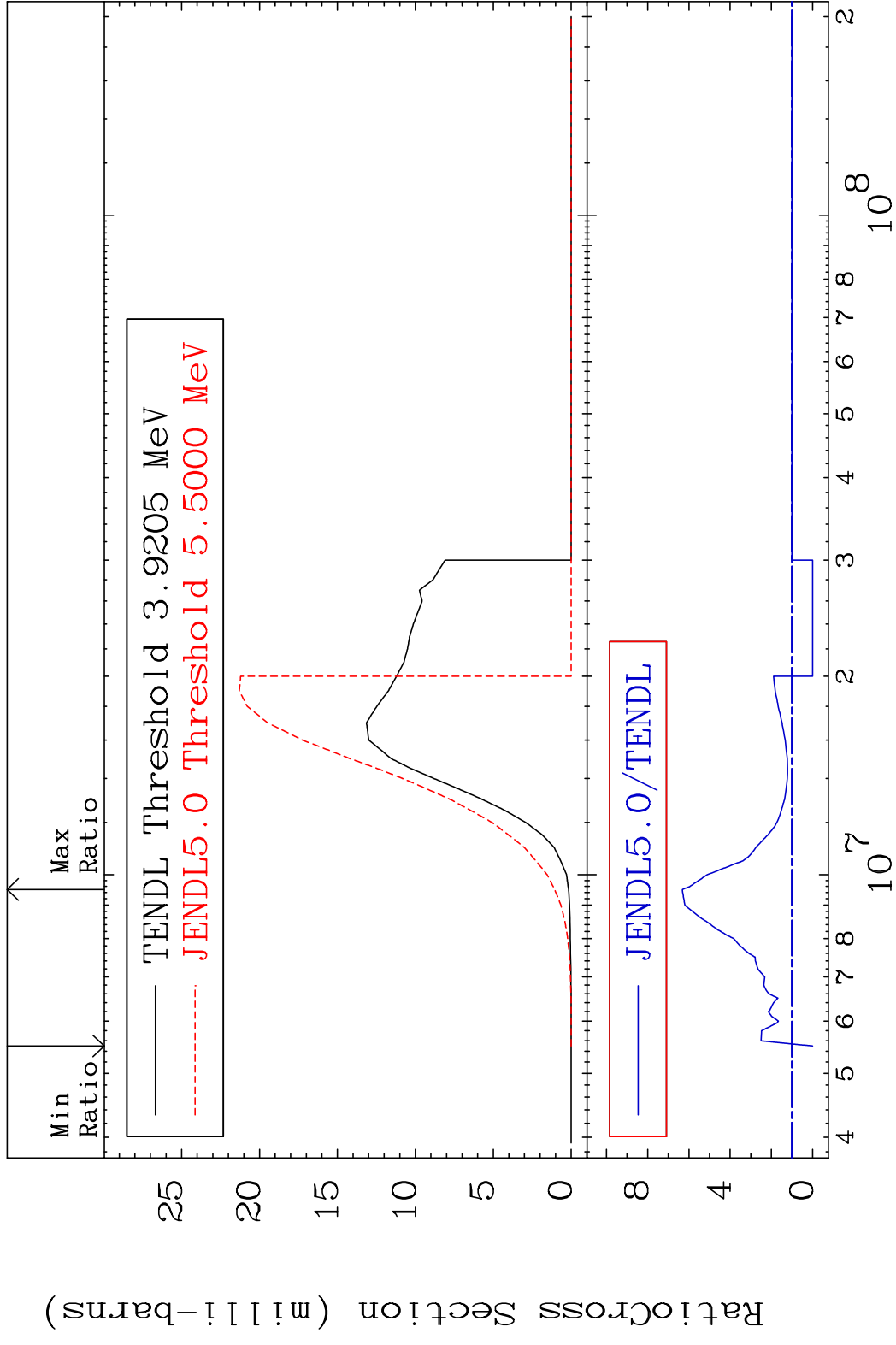
MAT 3643 (n,2n):36-Kr-83g 36-Kr-84
 Radionuclide Production Cross Section 180.01 dth 34.53 %



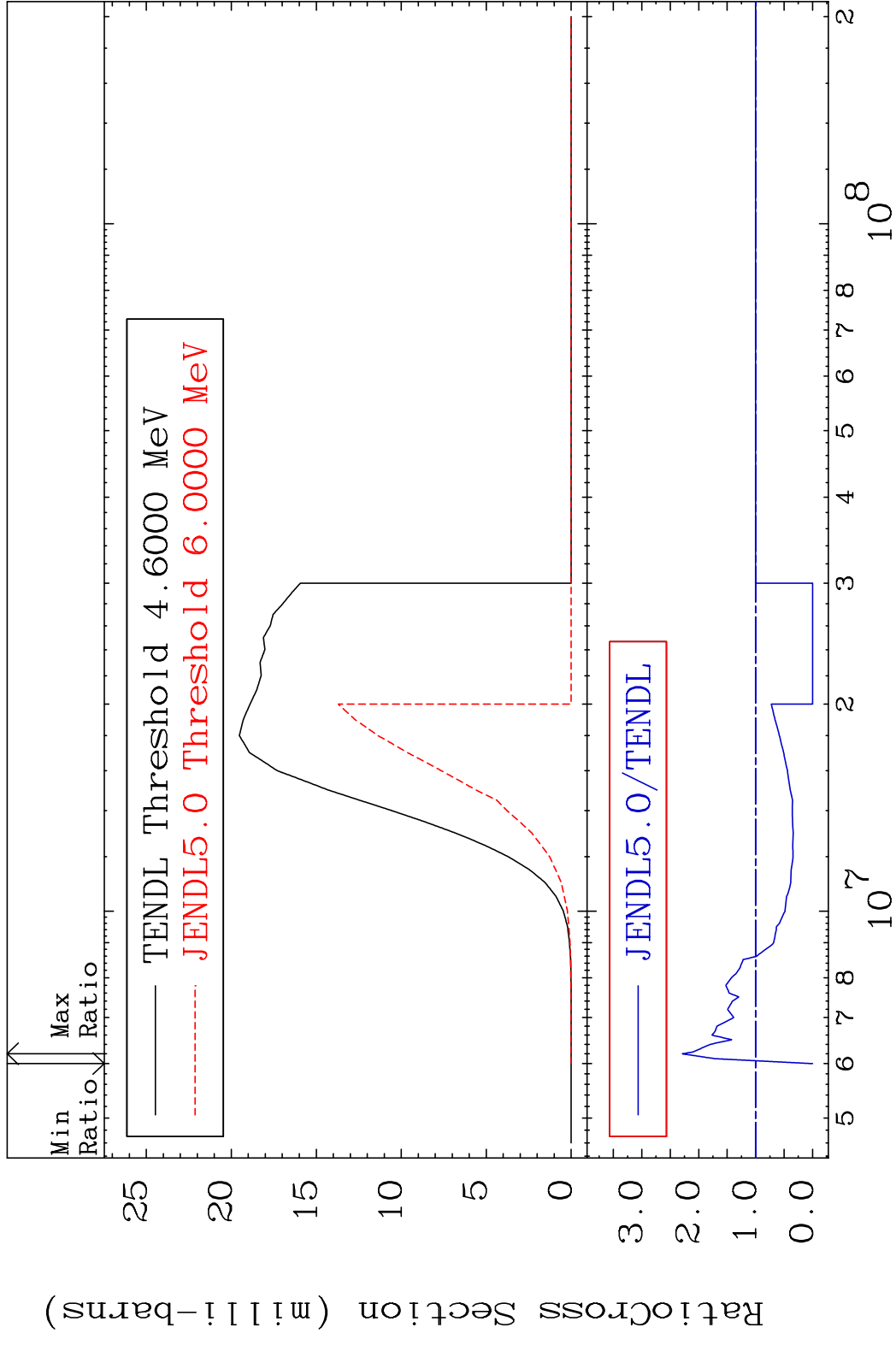
MAT 3643 (n,2n):36-Kr-83m2 36-Kr-84
 Radionuclide Production Cross Section Ratio 65.98 %



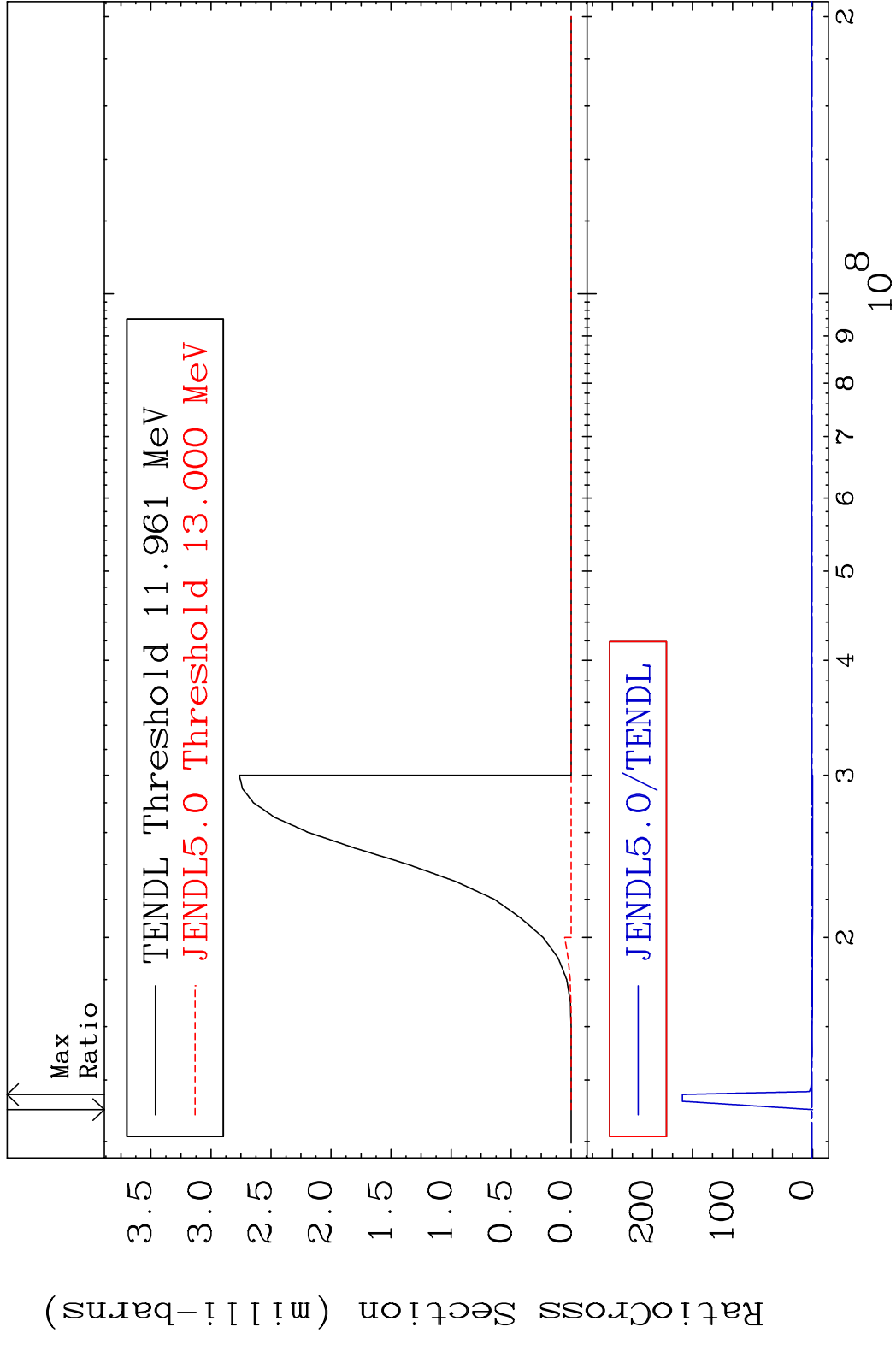
MAT 3643 (n, p):35-Br-84g 36-Kr-84
 Radionuclide Production Cross Section 531.7 %



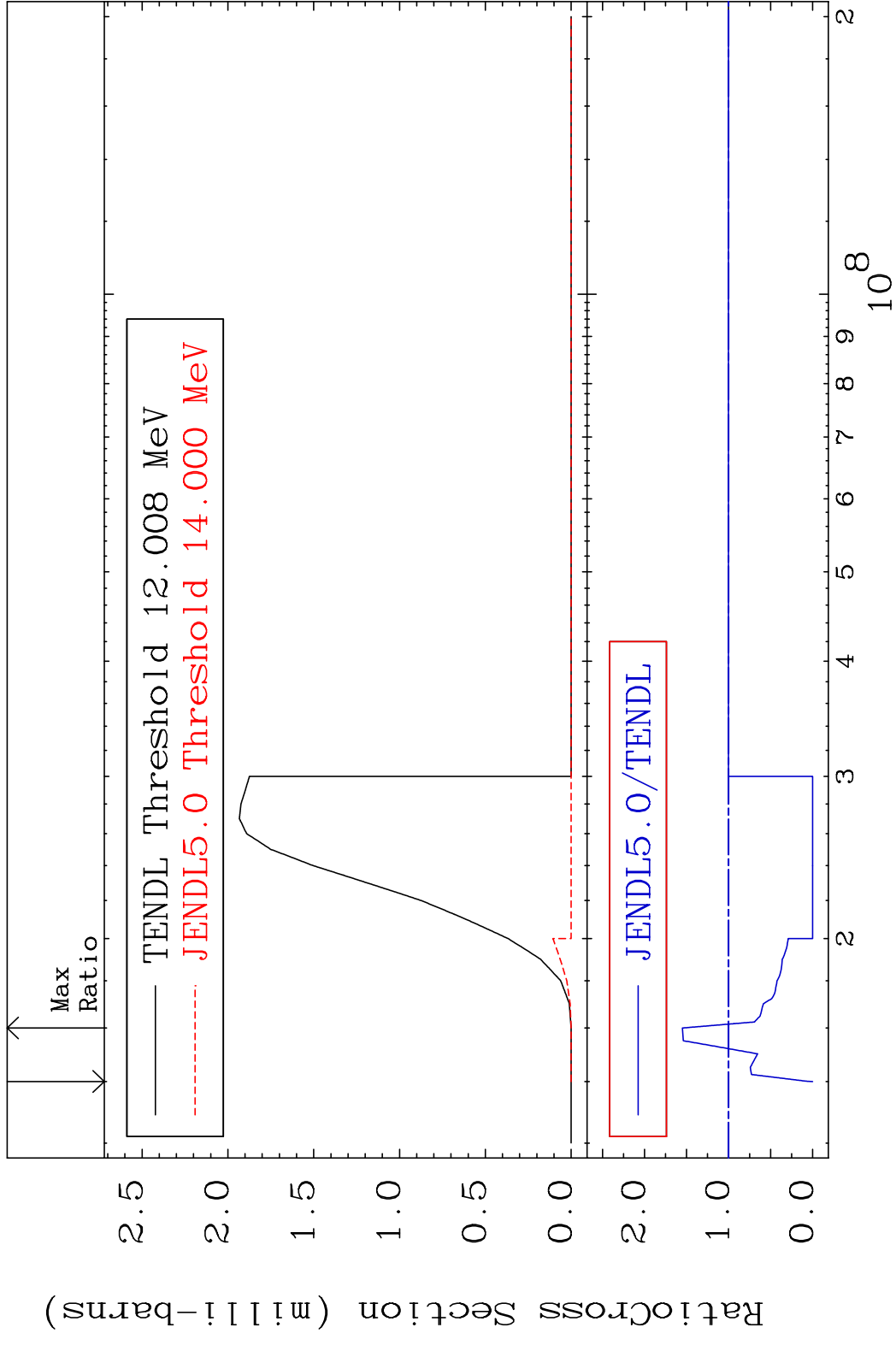
MAT 3643 (n,p):35-Br-84m1 36-Kr-84
 Radionuclide Production Cross Section 128.7 %



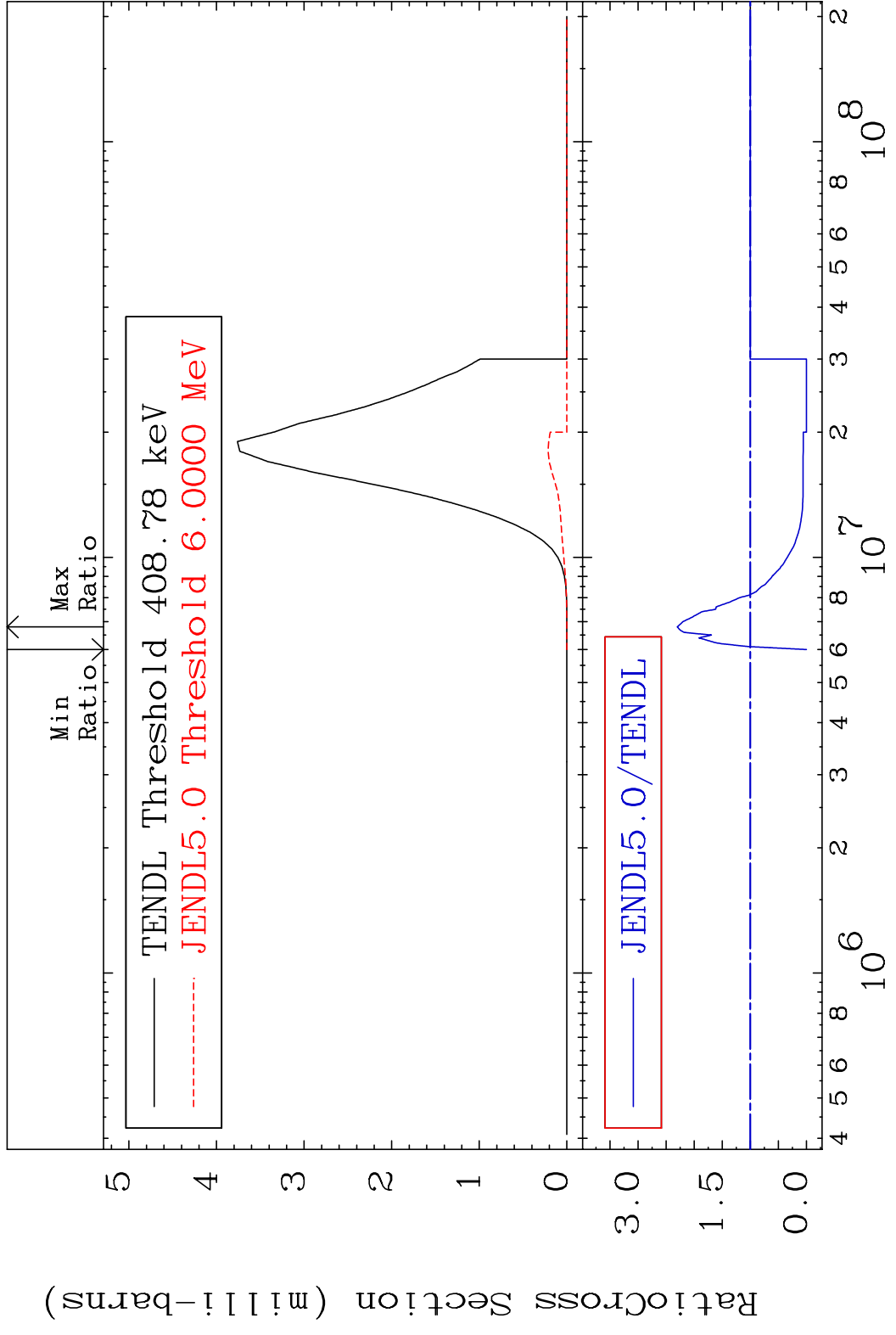
MAT 3643 (n, t):35-Br-82g 36-Kr-84
 Radionuclide Production Cross Section Ratio

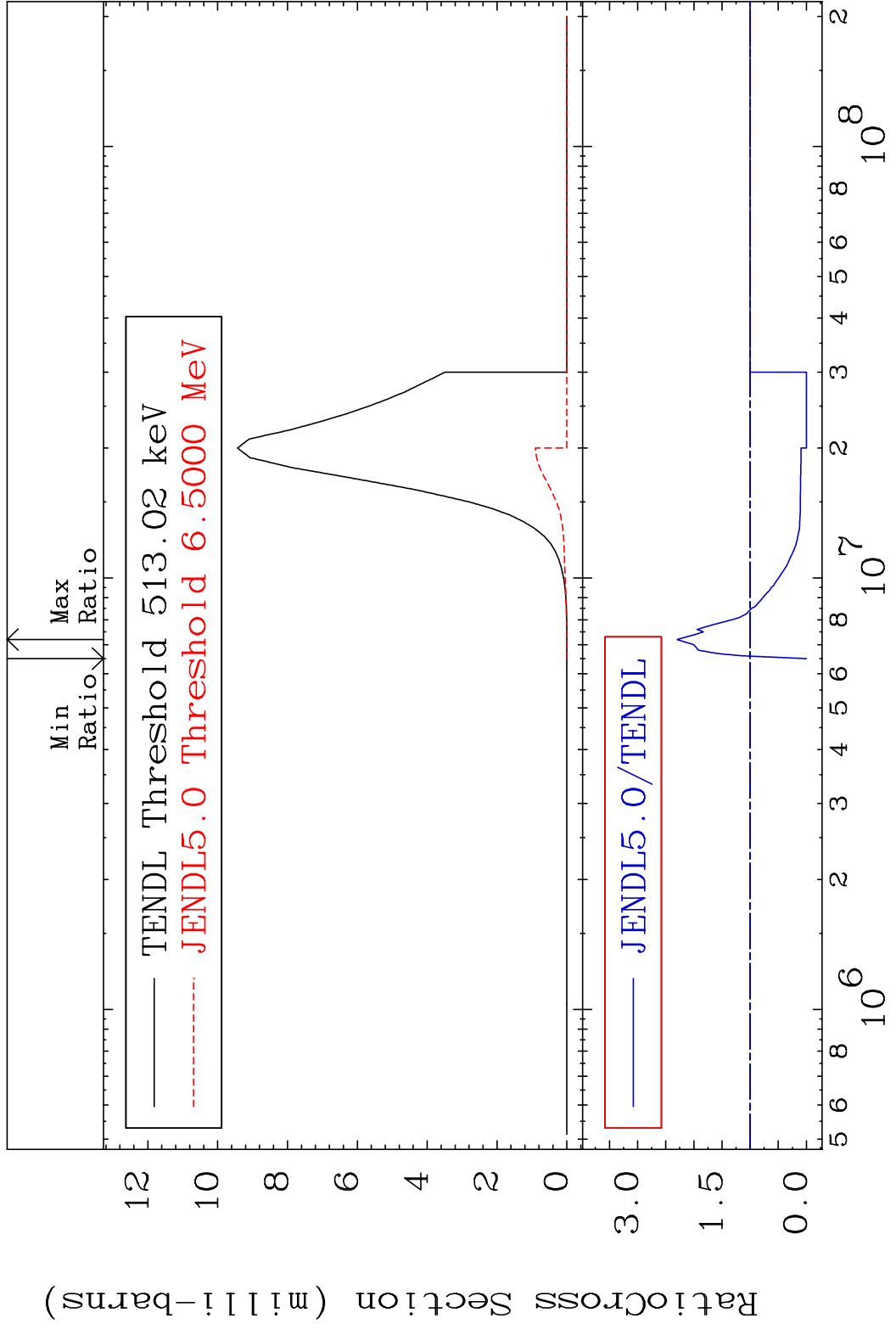


MAT 3643 (n, t):35-Br-82m1 36-Kr-84
 Radionuclide Production Cross Section 180.01 dth 55.02 %

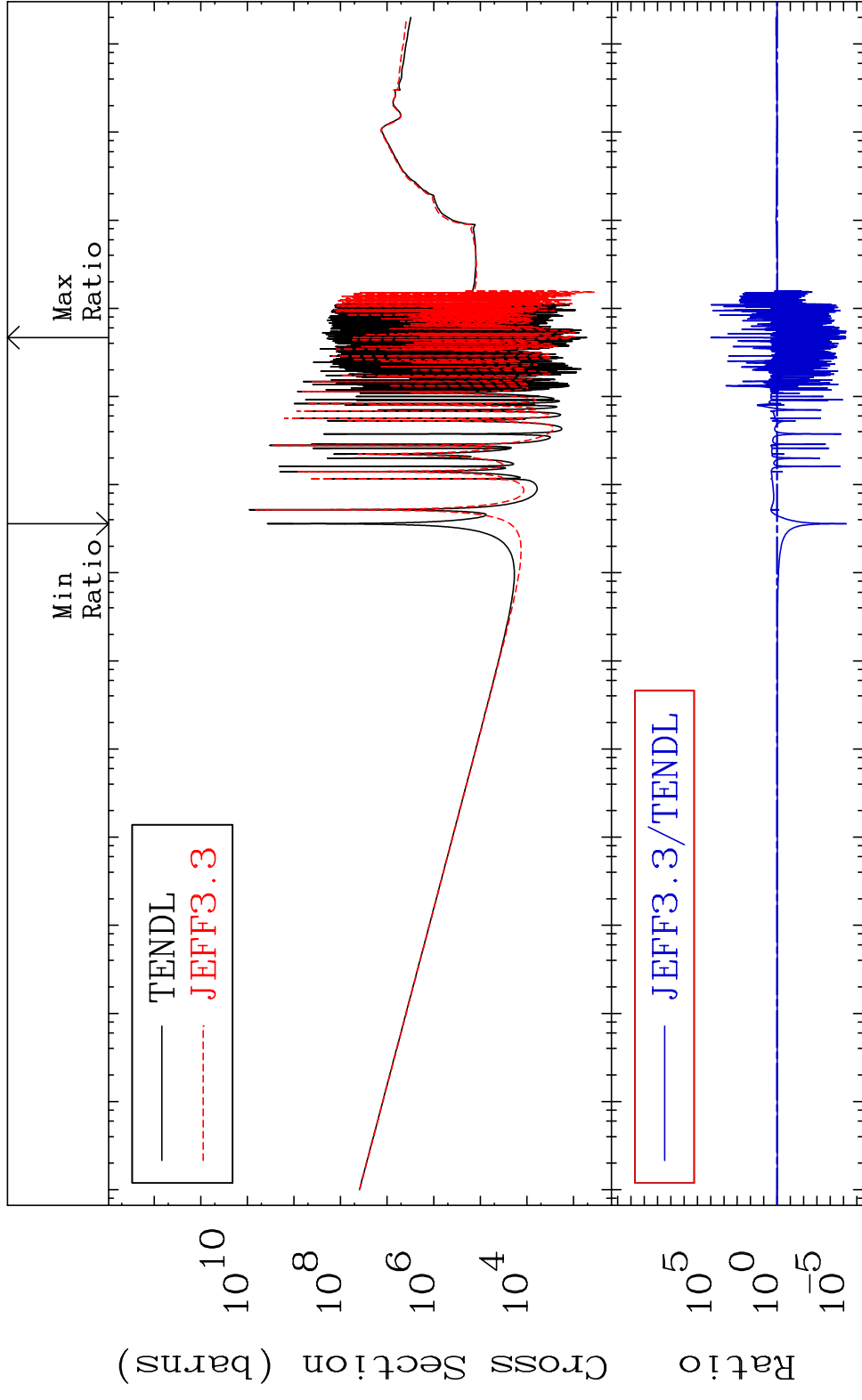


MAT 3643 (n, α): 34-Se-81g 36-Kr-84
 Radionuclide Production Cross Section 130.2 %



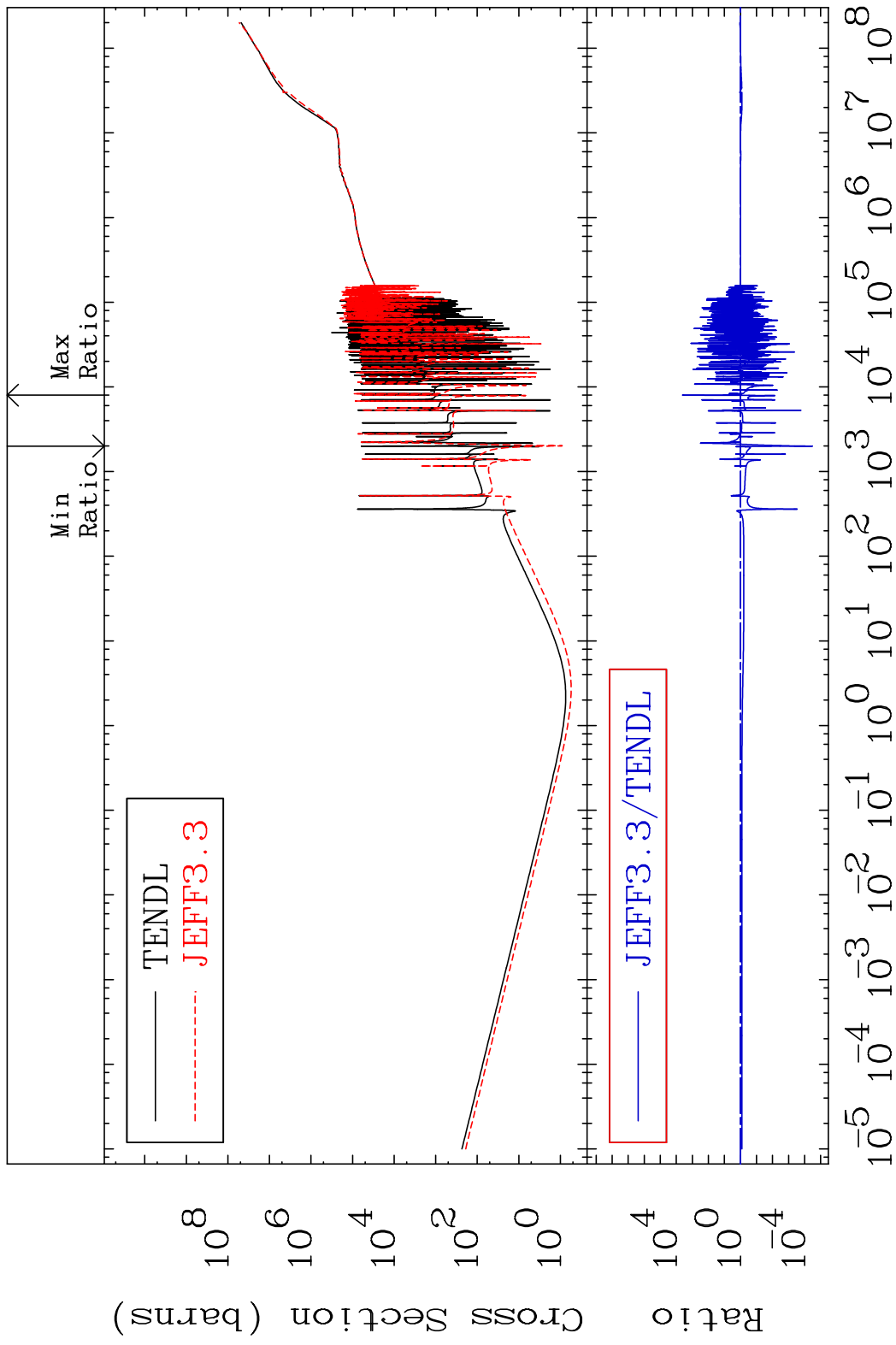


MAT 3643 Total photon (eV-barns) 36-Kr-84
 Cross Section -100.0 To 9999. %



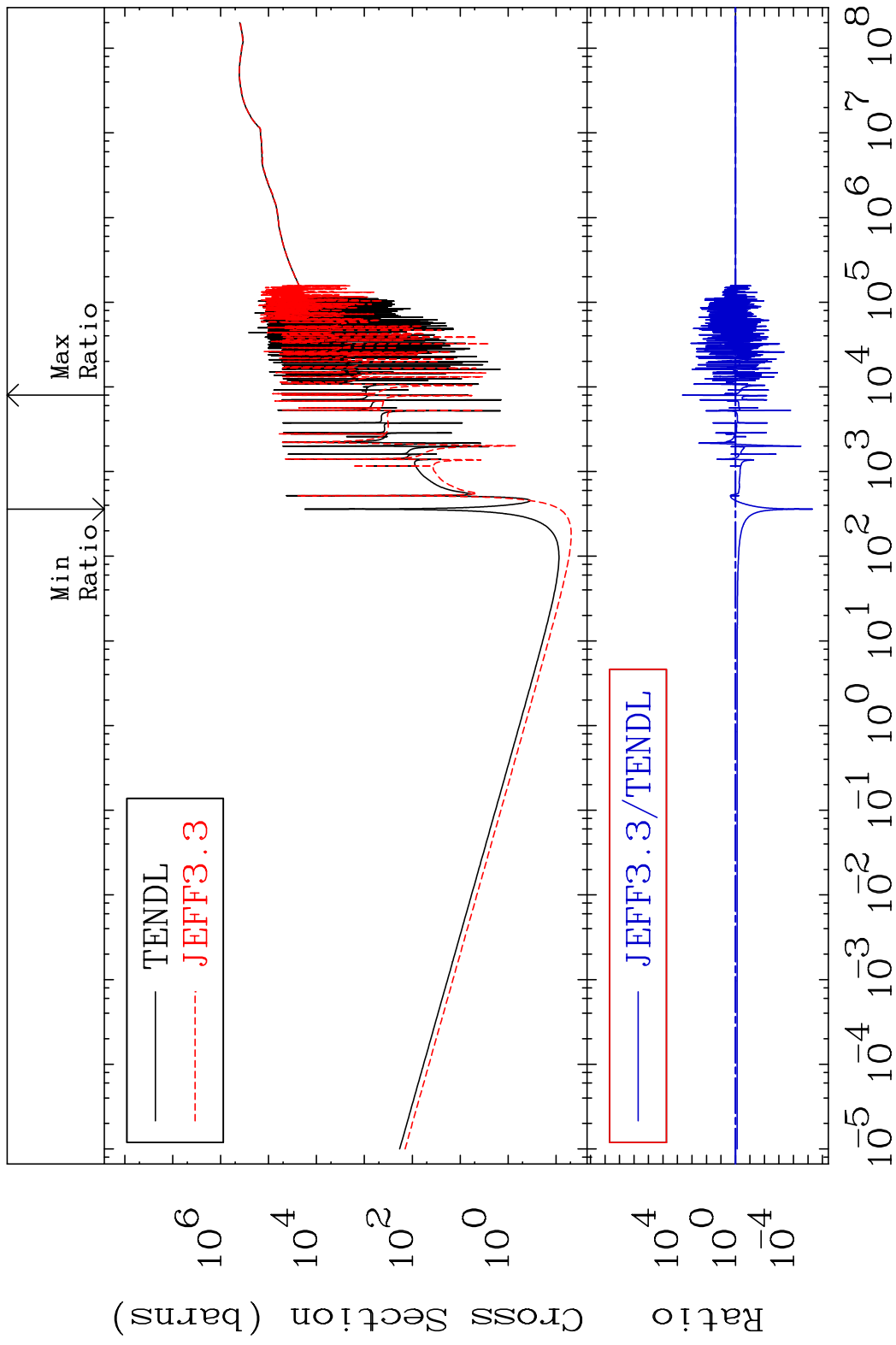
69 Incident Energy (eV) 36-Kr-84

MAT 3643 Total kinematic kerma (high limit) 36-Kr-84
 Cross Section -100.0 To 9999. %



70 Incident Energy (eV) 36-Kr-84

MAT 3643 Dpa total (eV-barns) 36-Kr-84
 Cross Section -100.0 To 9999. %

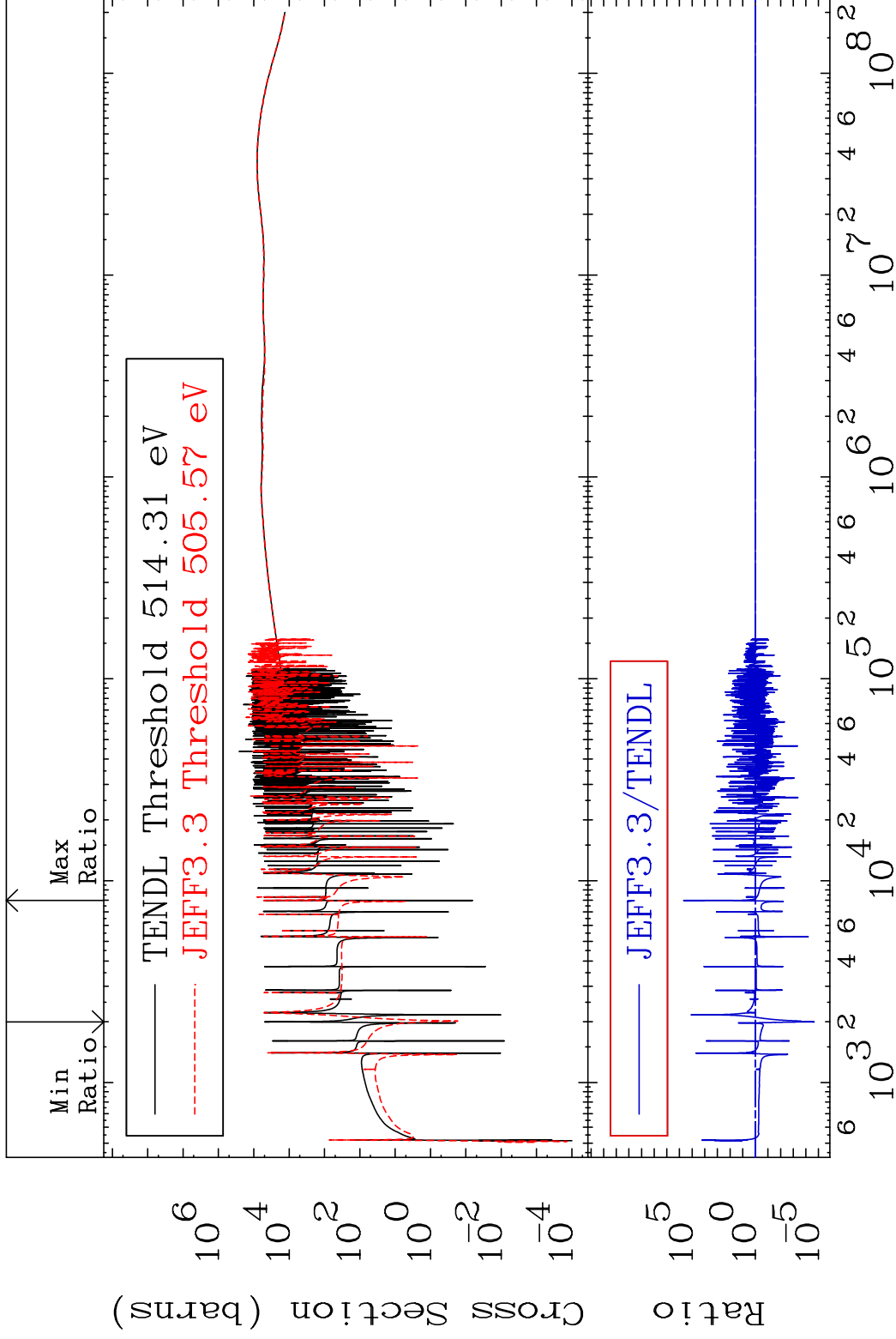


MAT 3643

Dpa elastic (mt2)

36-Kr-84

Cross Section -100.0 To 9999. %

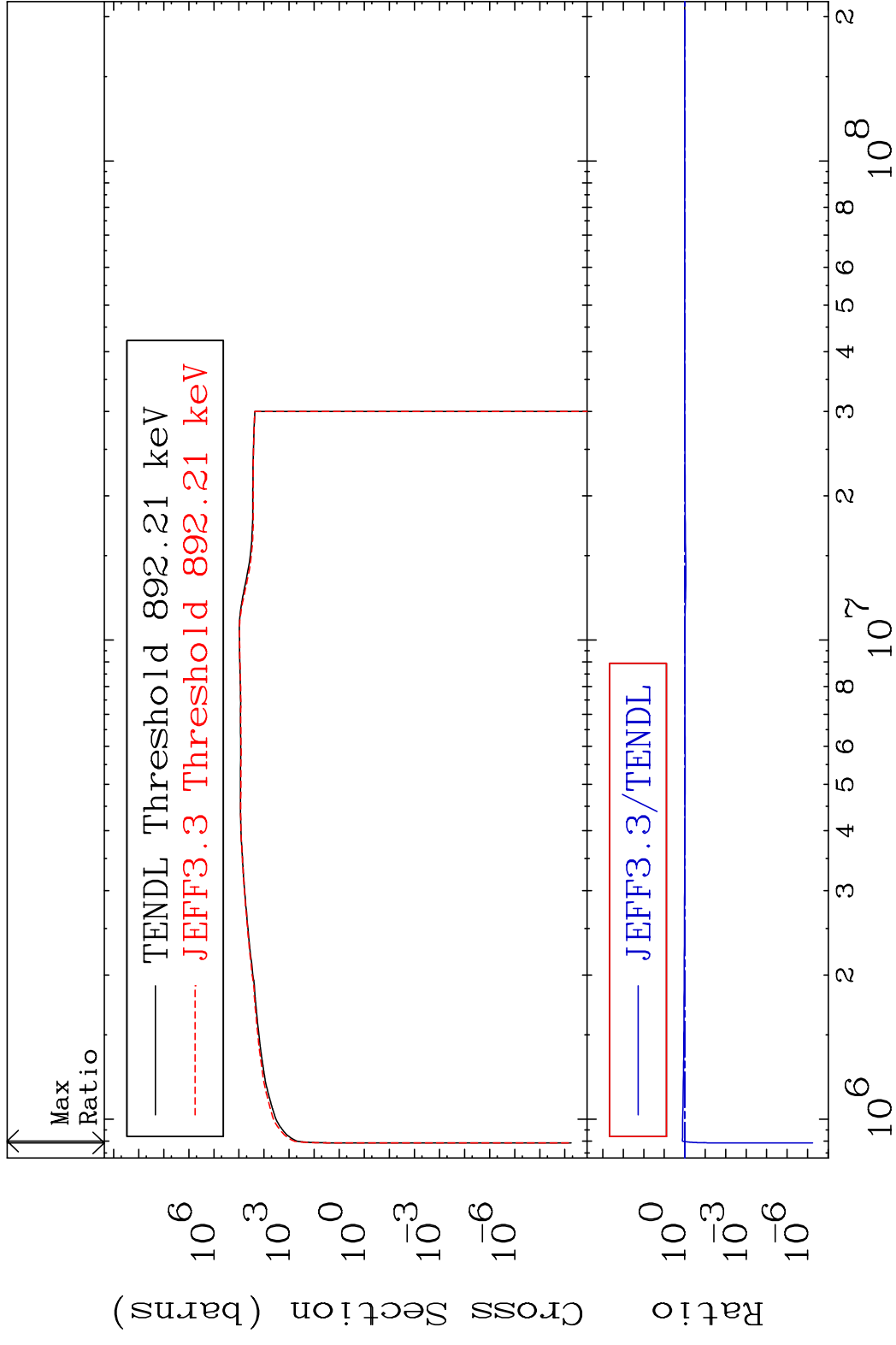


72

Incident Energy (eV)

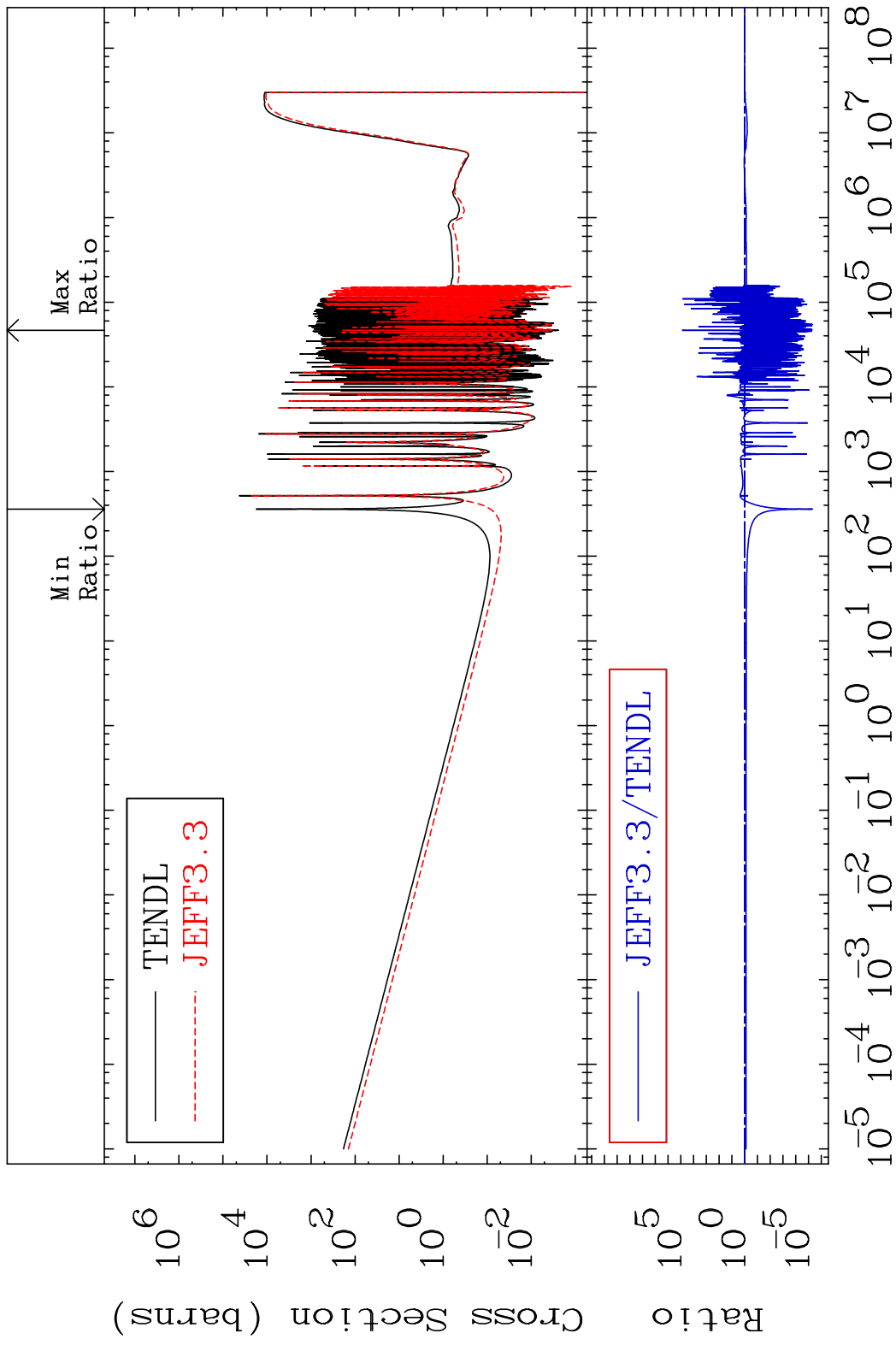
36-Kr-84

MAT 3643 Dpa inelastic (mt51-91) 36-Kr-84
 Cross Section -100.0 To 30.63 %

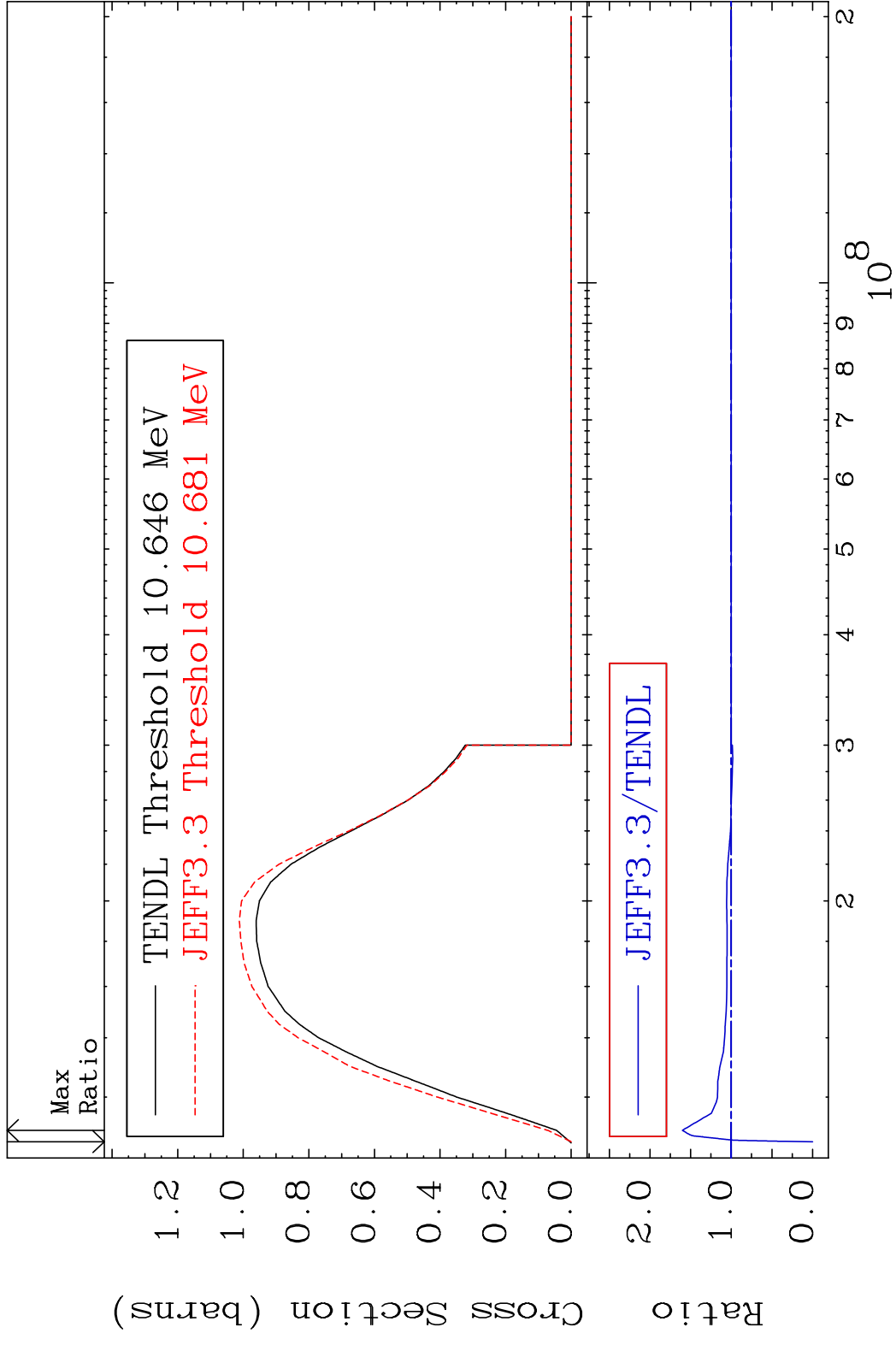


73 Incident Energy (eV) 36-Kr-84

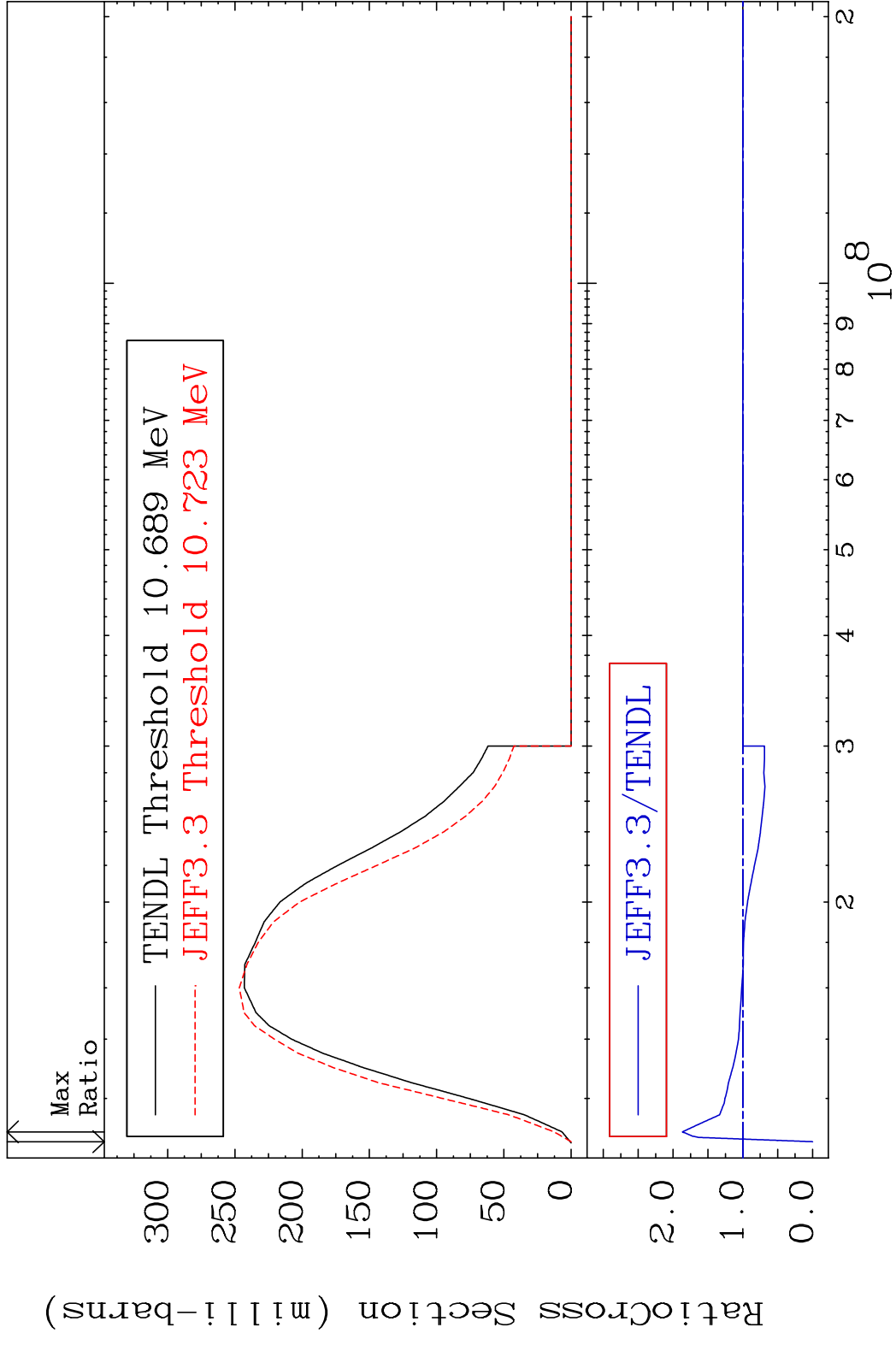
MAT 3643 Dpa disappearance (mt102 -120) 36-Kr-84
 Cross Section -100.0 To 9999. %



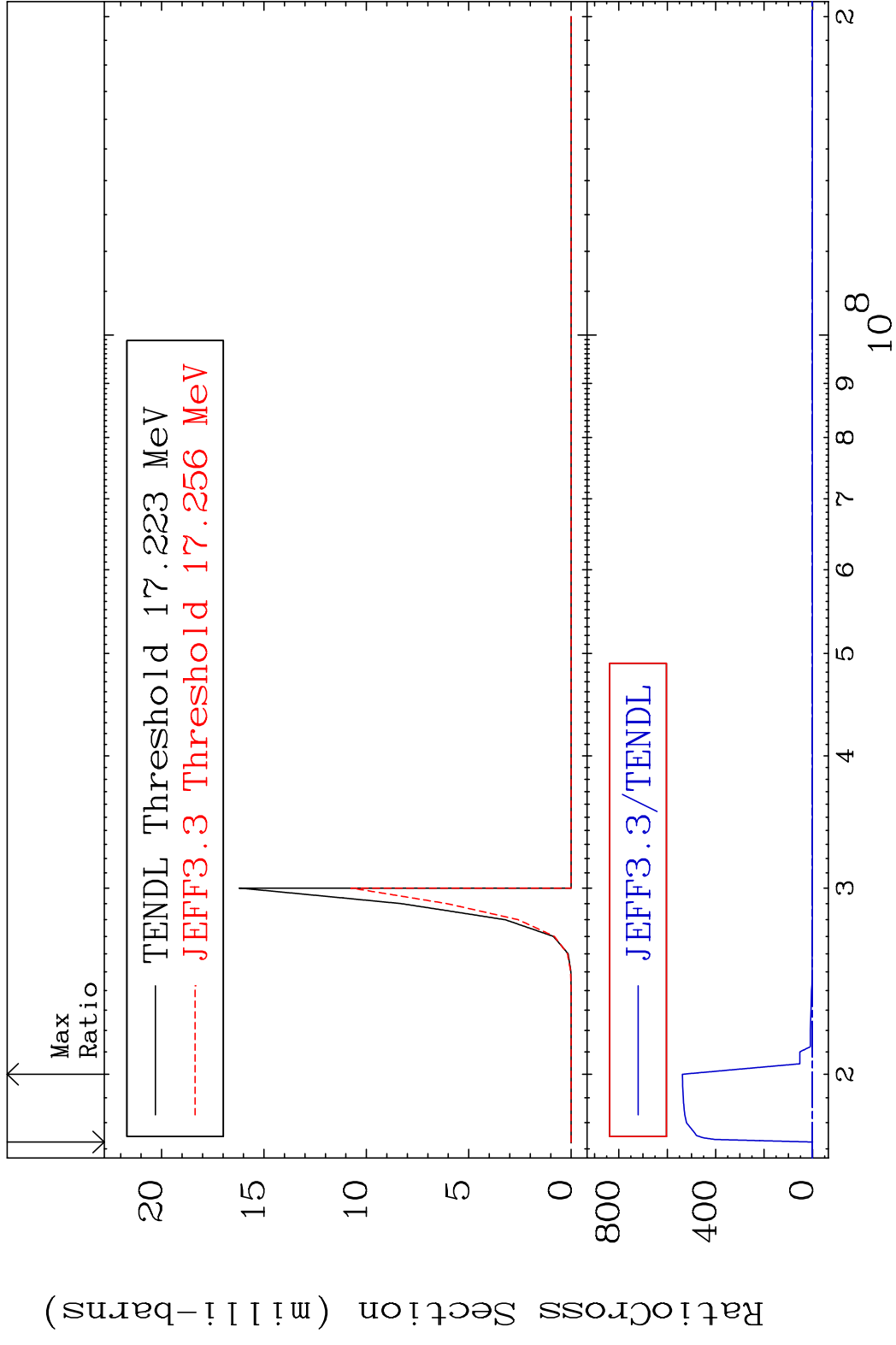
MAT 3643 (n,2n):36-Kr-83g 36-Kr-84
 Radionuclide Production Cross Section 180.01 dth 60.18 %

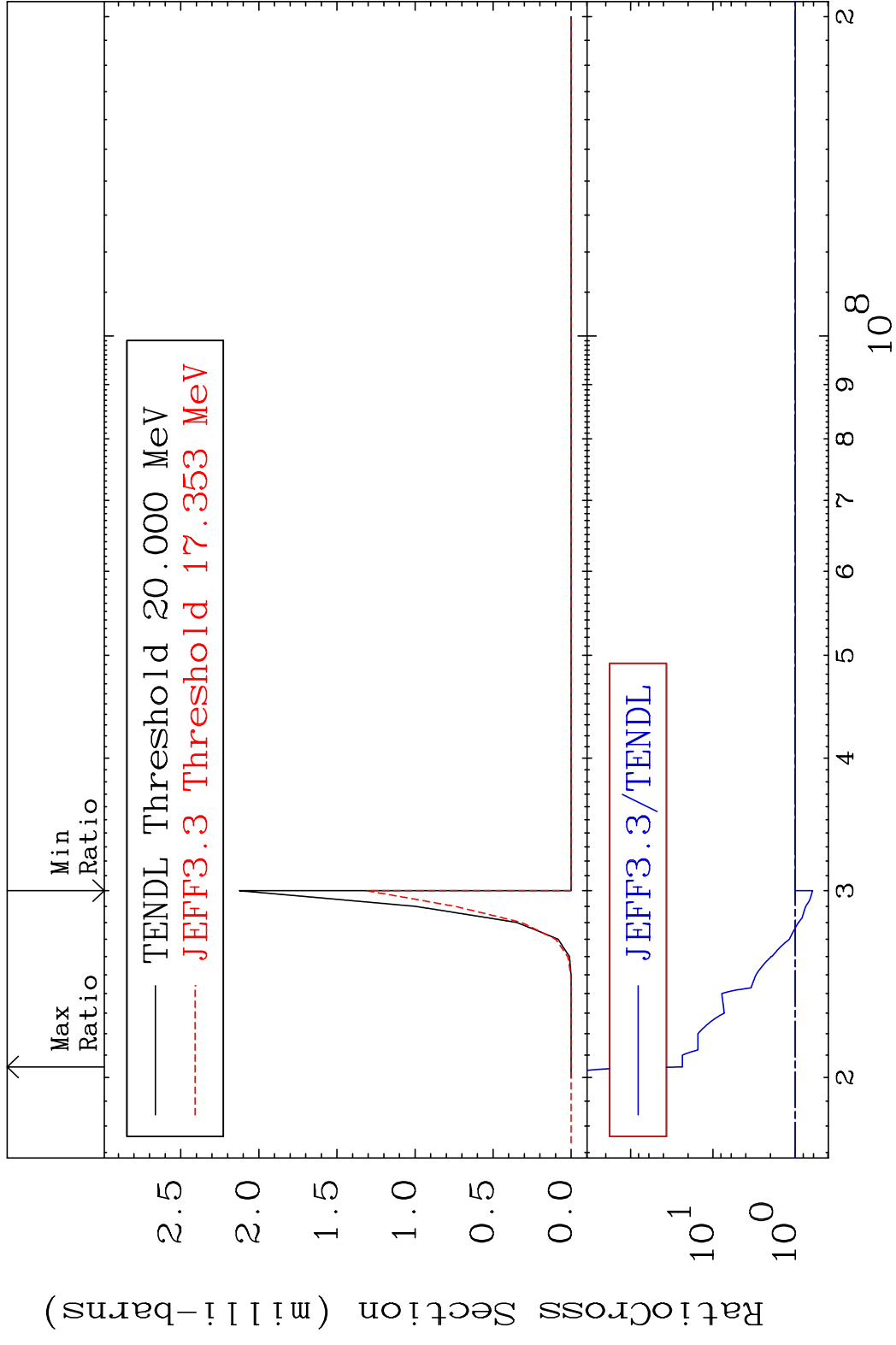


MAT 3643 (n,2n):36-Kr-83m2 36-Kr-84
 Radionuclide Production Cross Section 180.01 dth 86.71 %

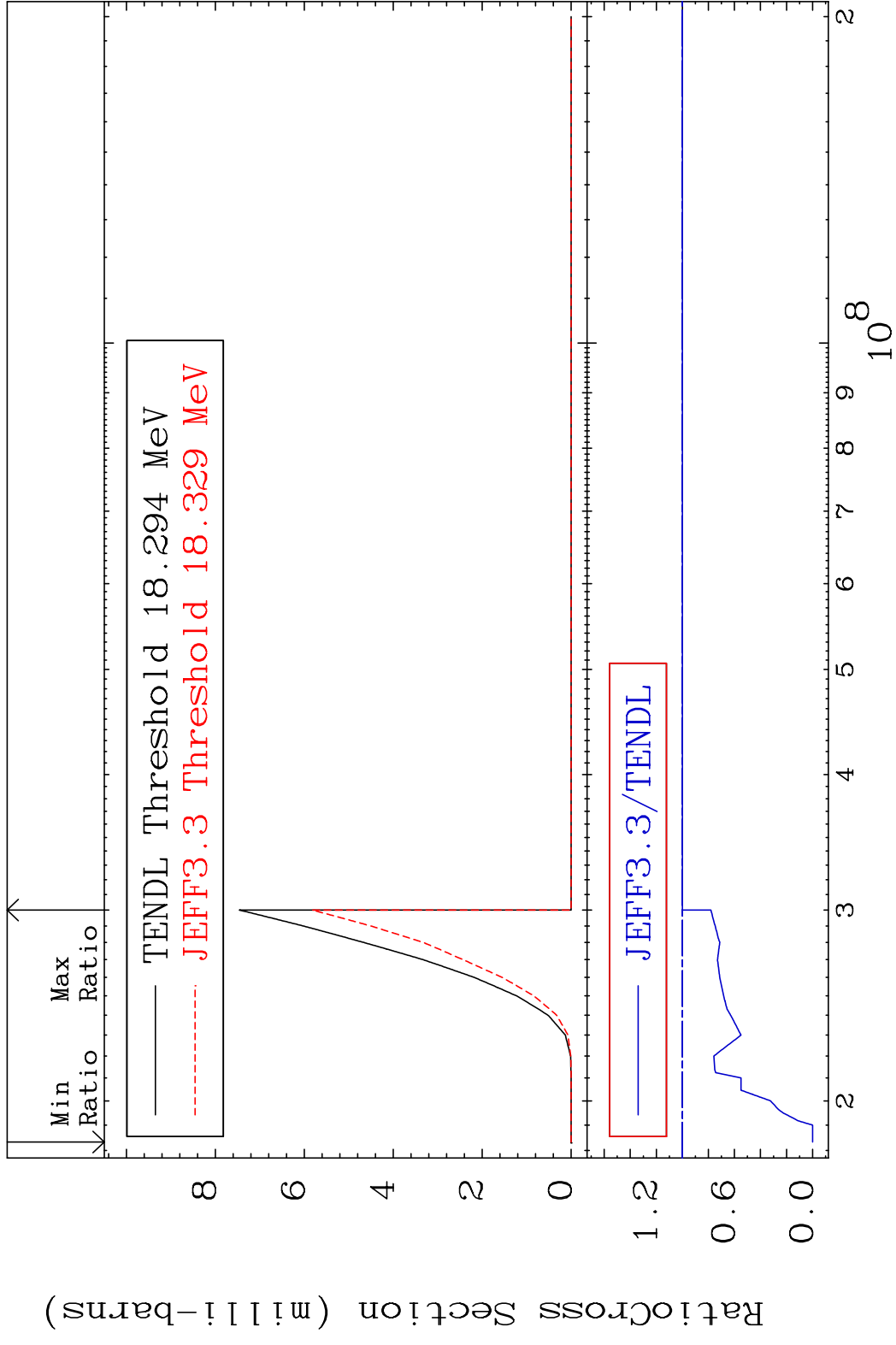


MAT 3643 (n,2n) α :34-Se-79g 36-Kr-84
 Radionuclide Production Cross Section to 9999. %

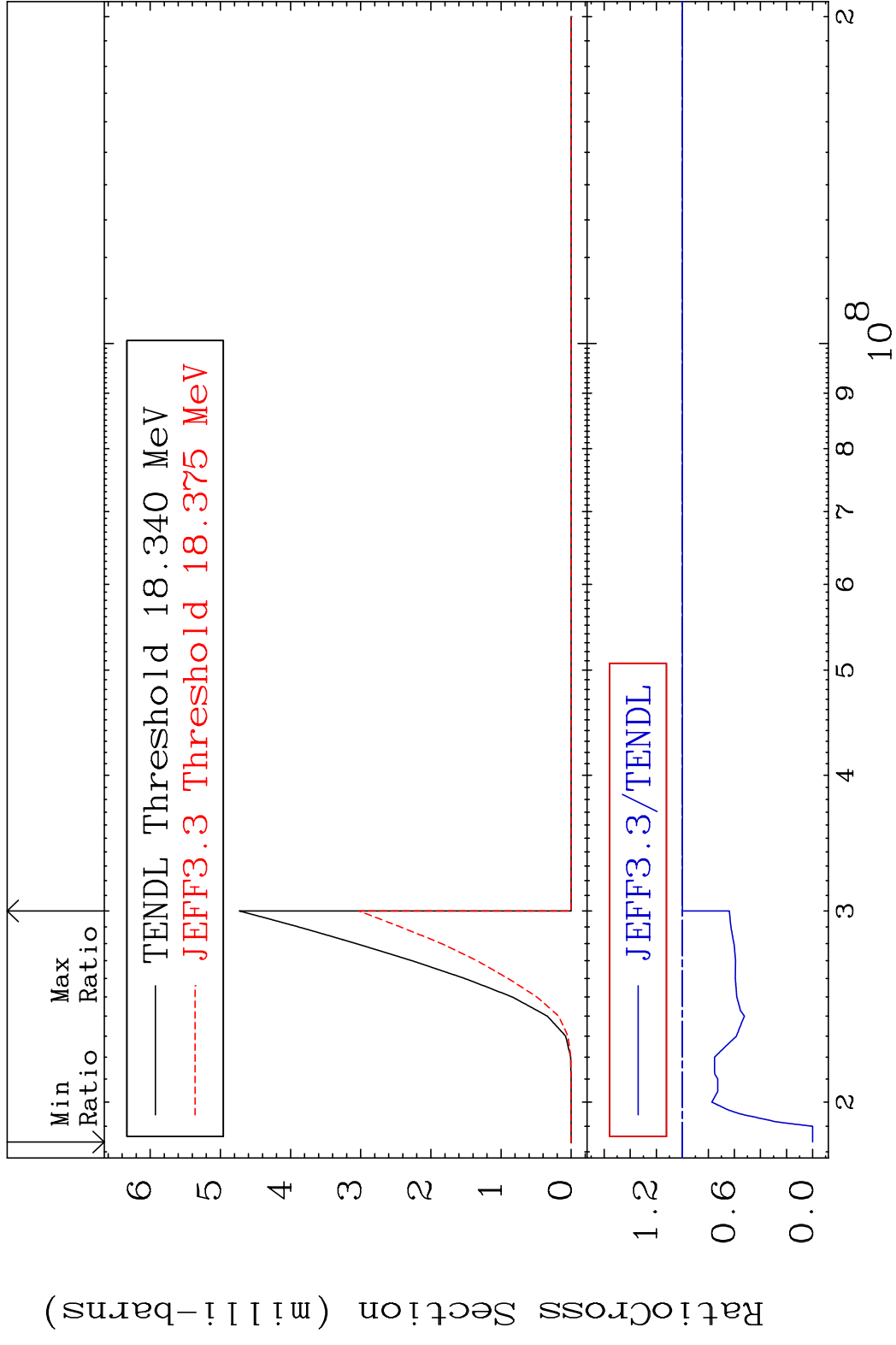


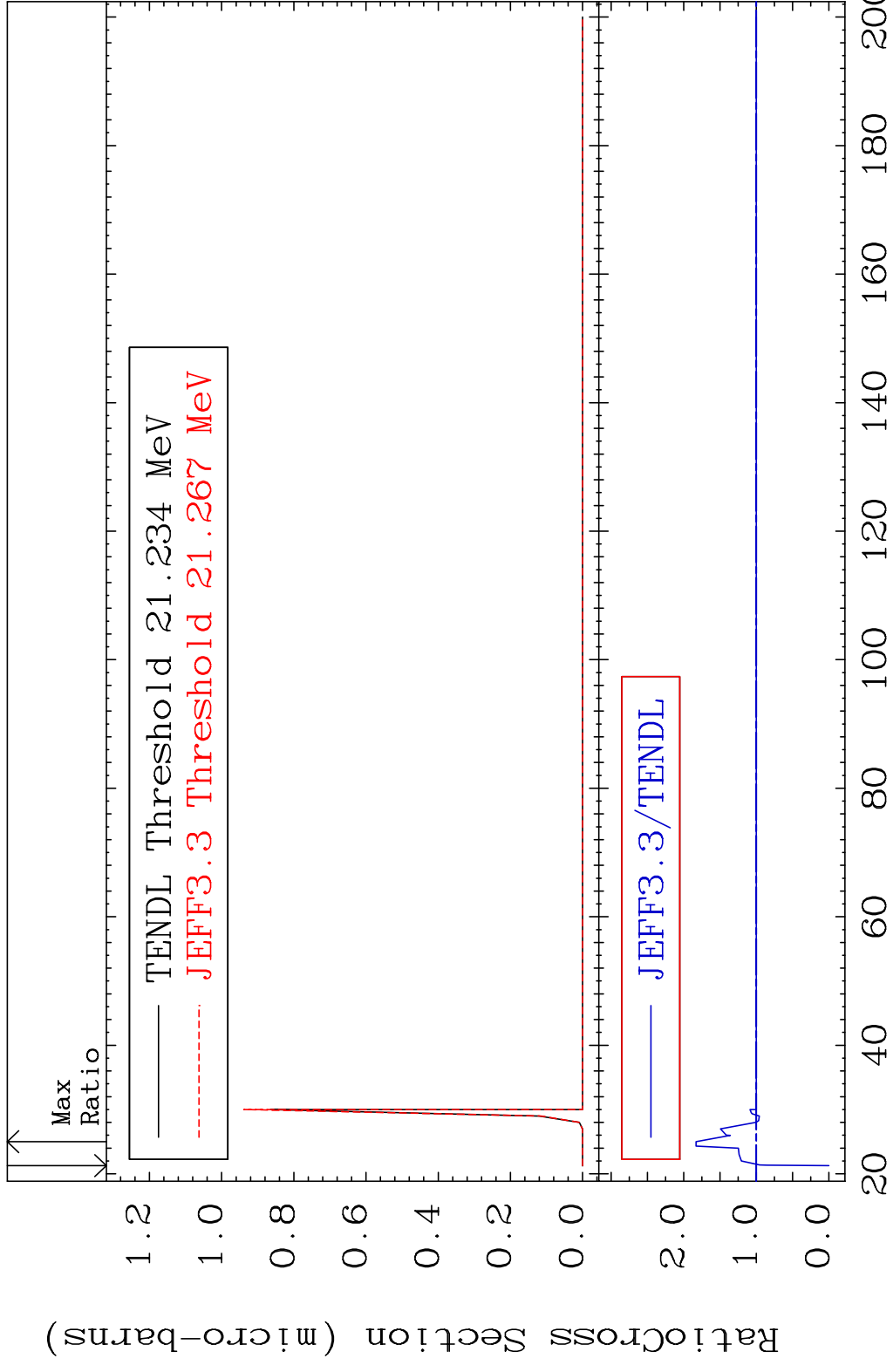


MAT 3643 (n, n') d:35-Br-82g 36-Kr-84
 Radionuclide Production Cross Section 18.329 MeV 0.000 %

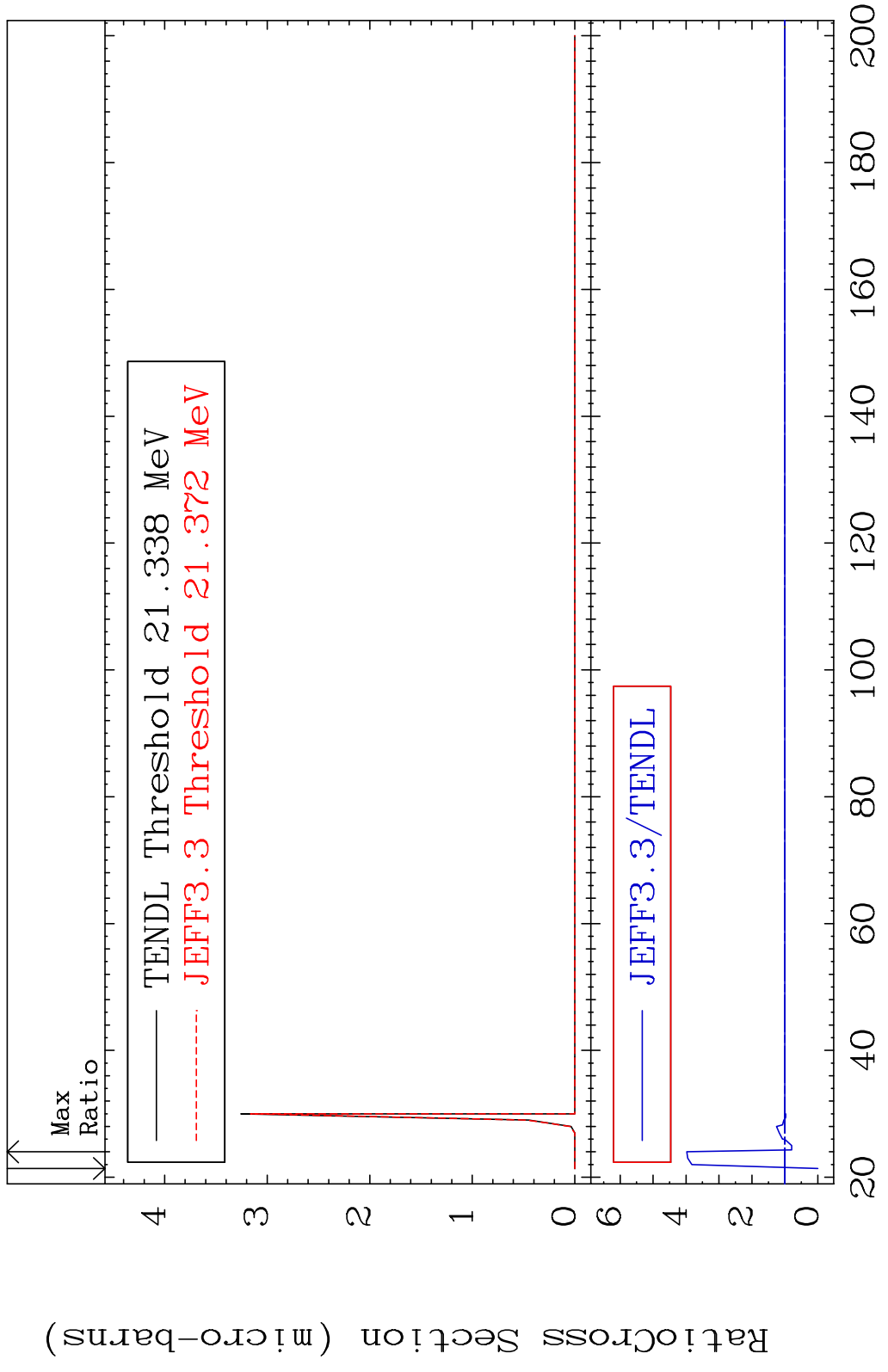


MAT 3643 (n, n') d:35-Br-82m1 36-Kr-84
 Radionuclide Production Cross Section Ratio 0.000 %

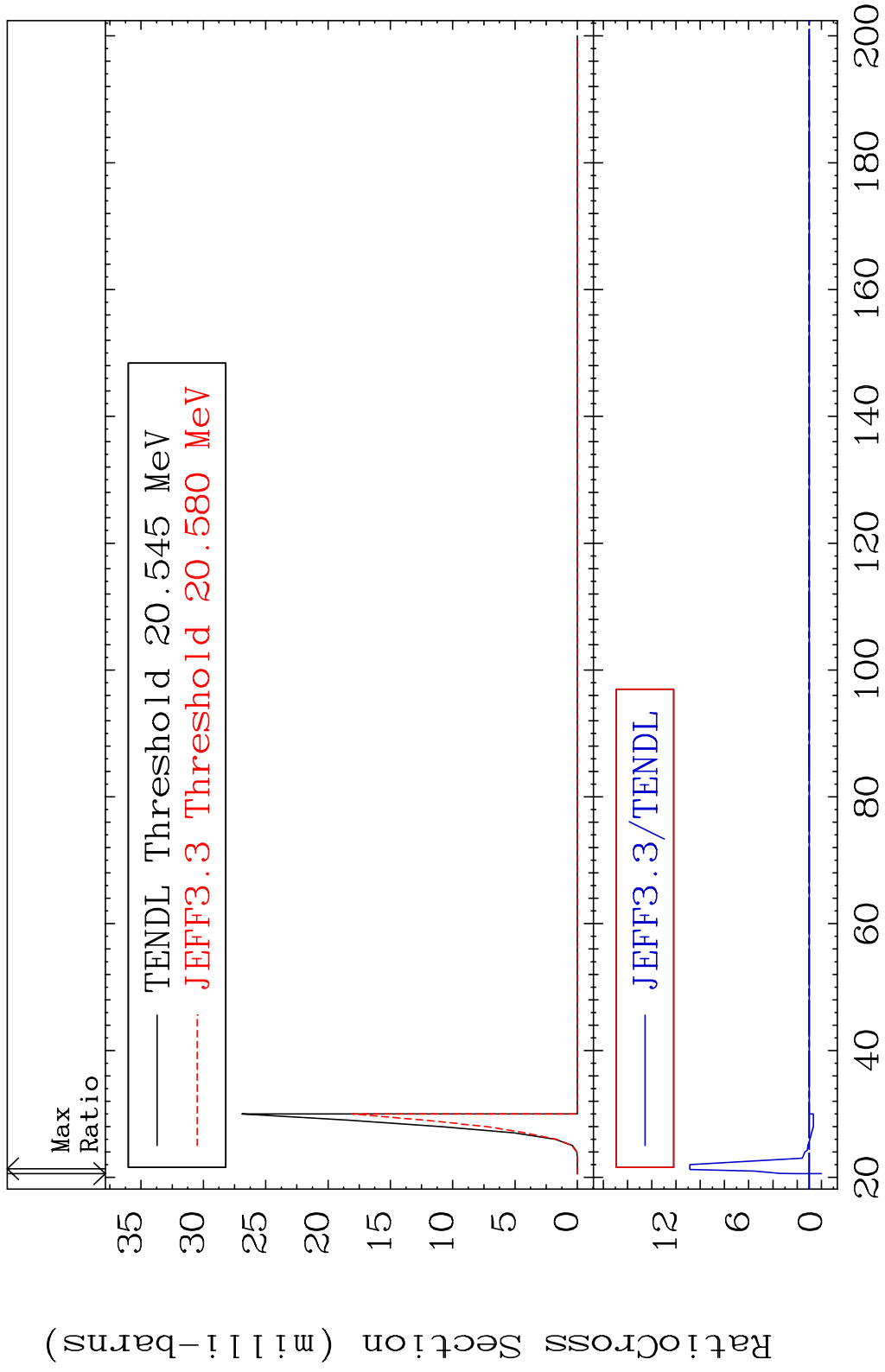




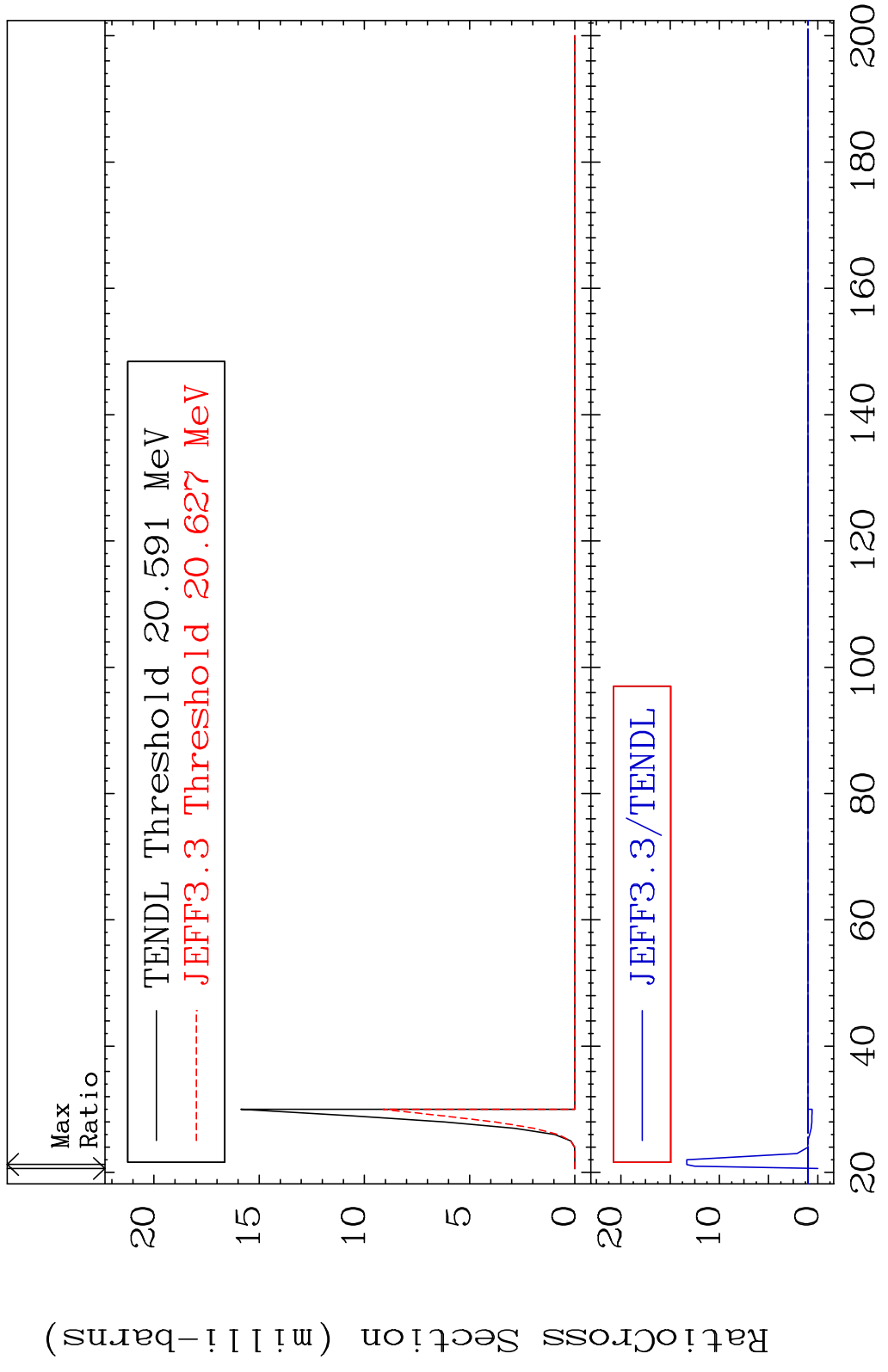
MAT 3643 (n, n') He-3:34-Se-81m1 36-Kr-84
 Radionuclide Production Cross Section Ratio 297.8 %



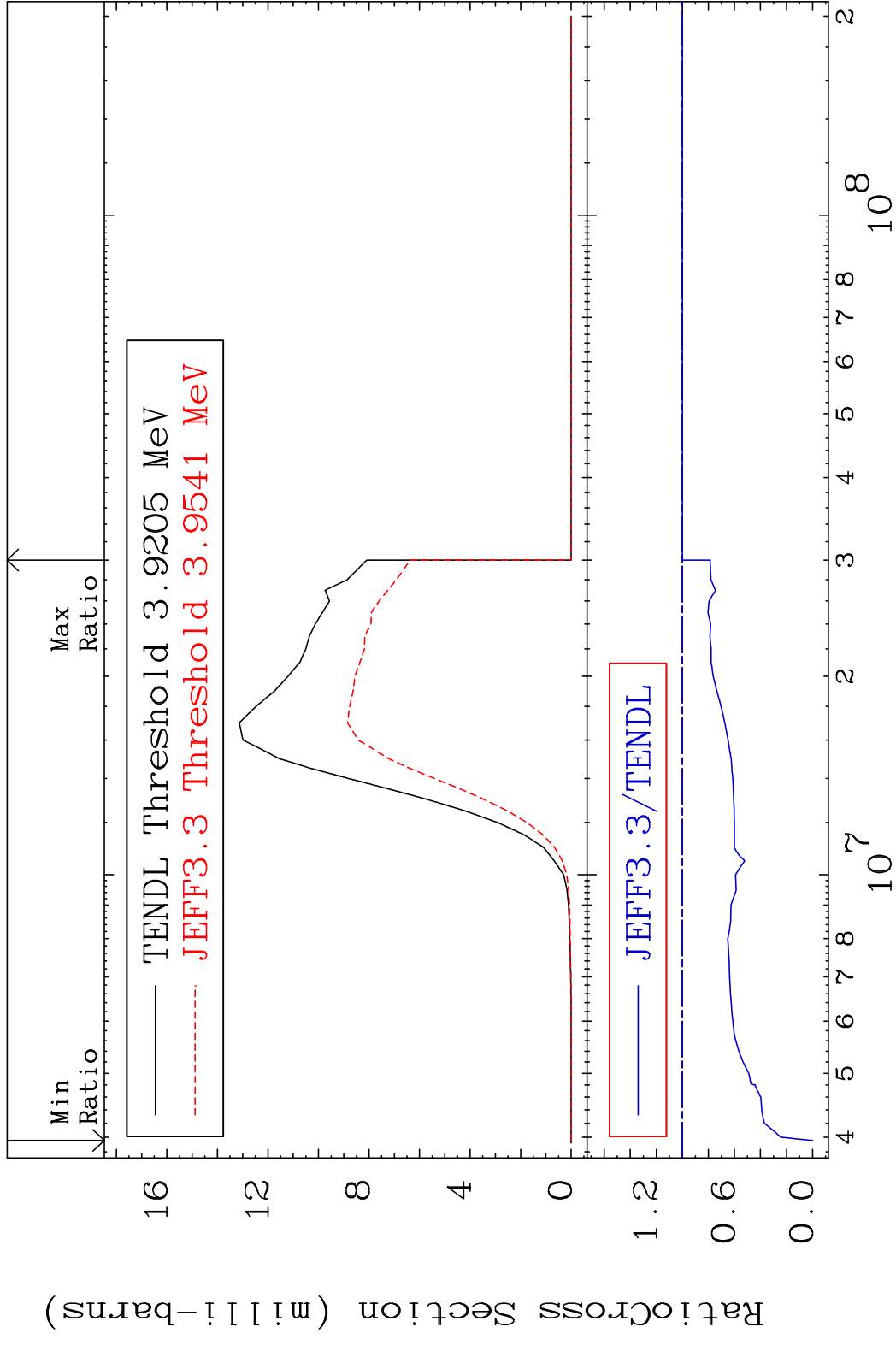
MAT 3643 (n,2n) p:35-Br-82g 36-Kr-84
 Radionuclide Production Cross Section 180c01.d10 986.3 %



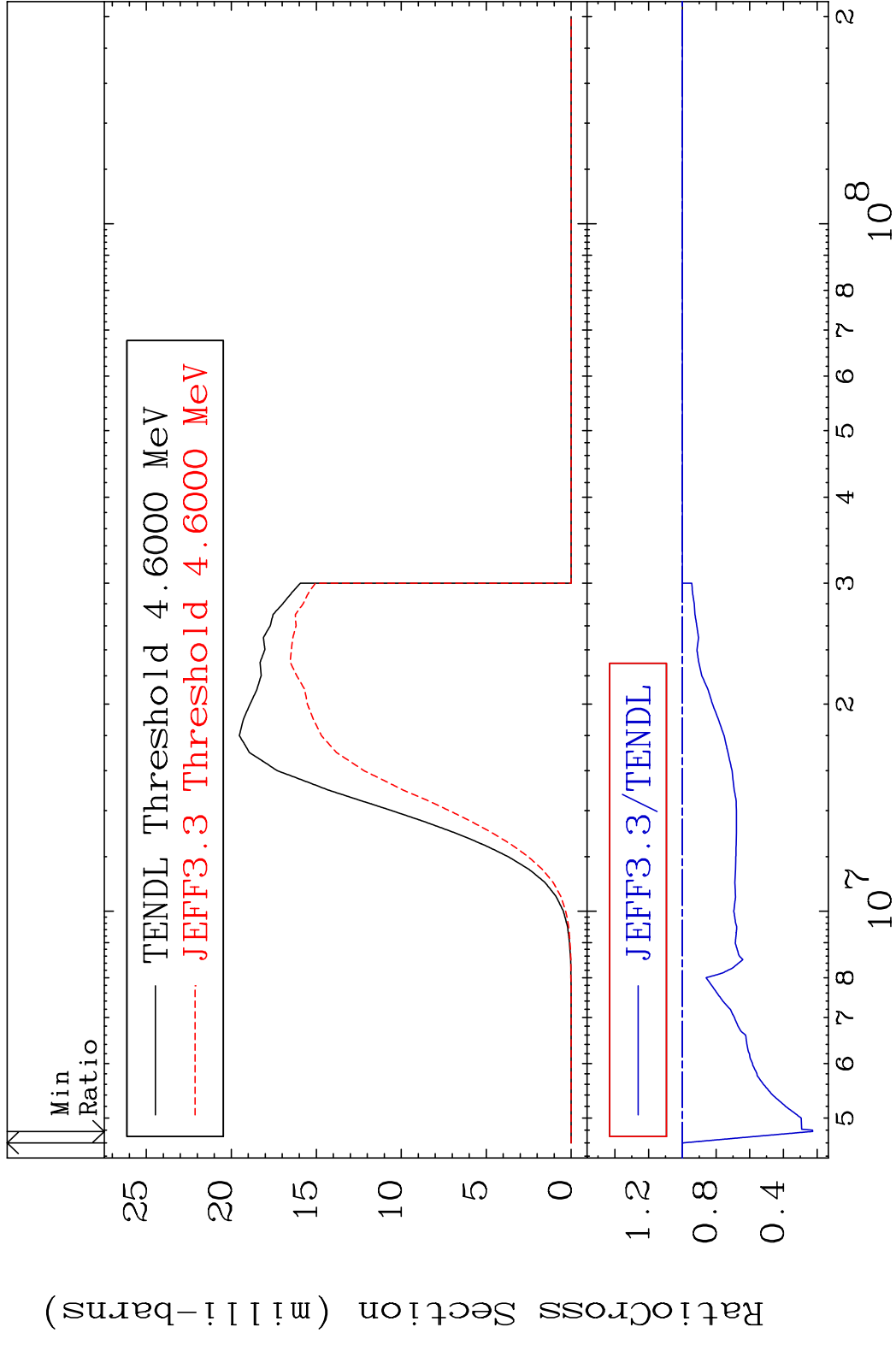
MAT 3643 (n,2n) p:35-Br-82m1 36-Kr-84
 Radionuclide Production Cross Section 1800 d to 1232. %



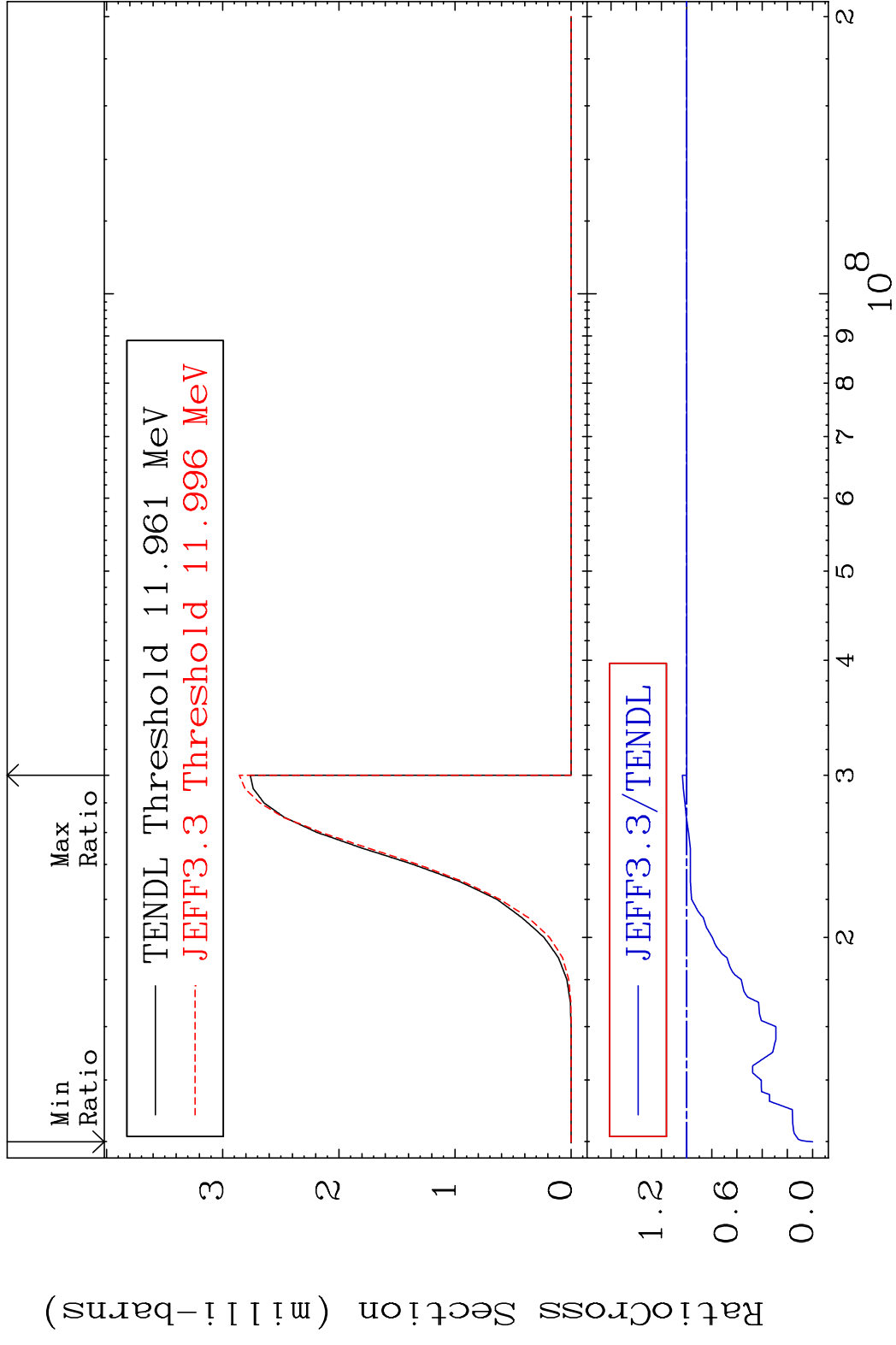
MAT 3643 (n, p): 35-Br-84g 36-Kr-84
 Radionuclide Production Cross Section 0.000 %



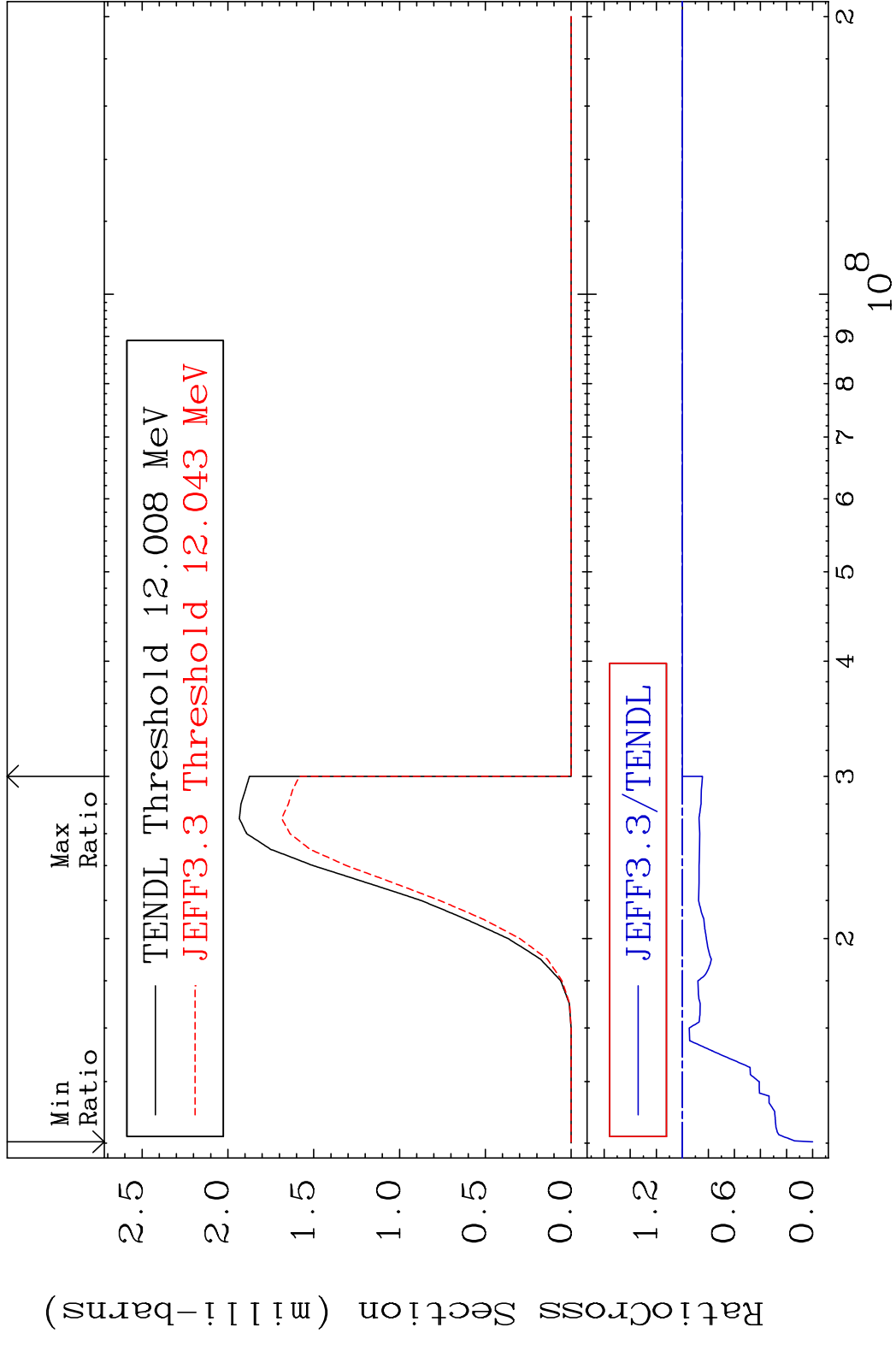
MAT 3643 (n,p):35-Br-84m1 36-Kr-84
 Radionuclide Production Cross Section 0.000 %



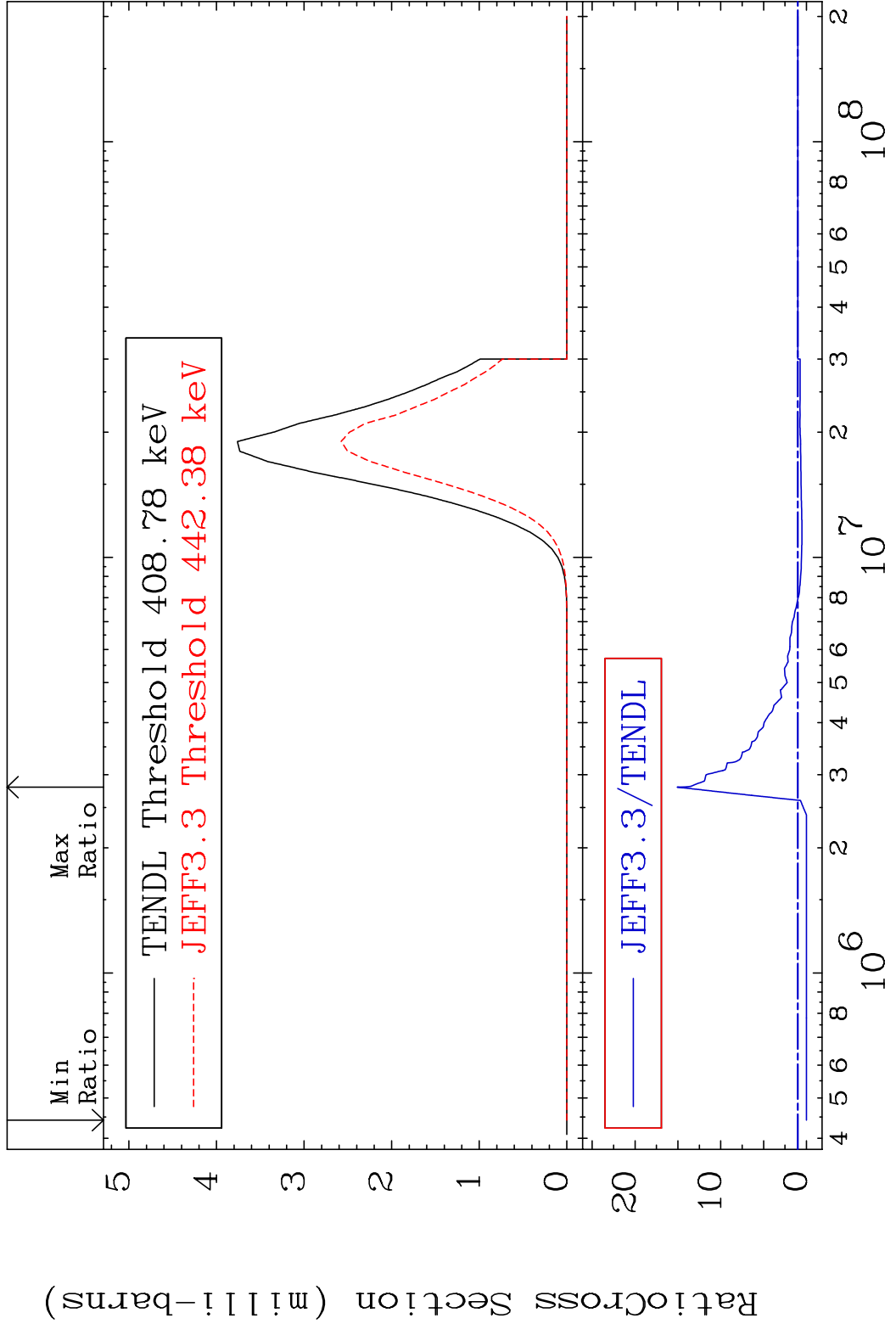
MAT 3643 (n, t): 35-Br-82g 36-Kr-84
 Radionuclide Production Cross Section Ratio 3.382 %



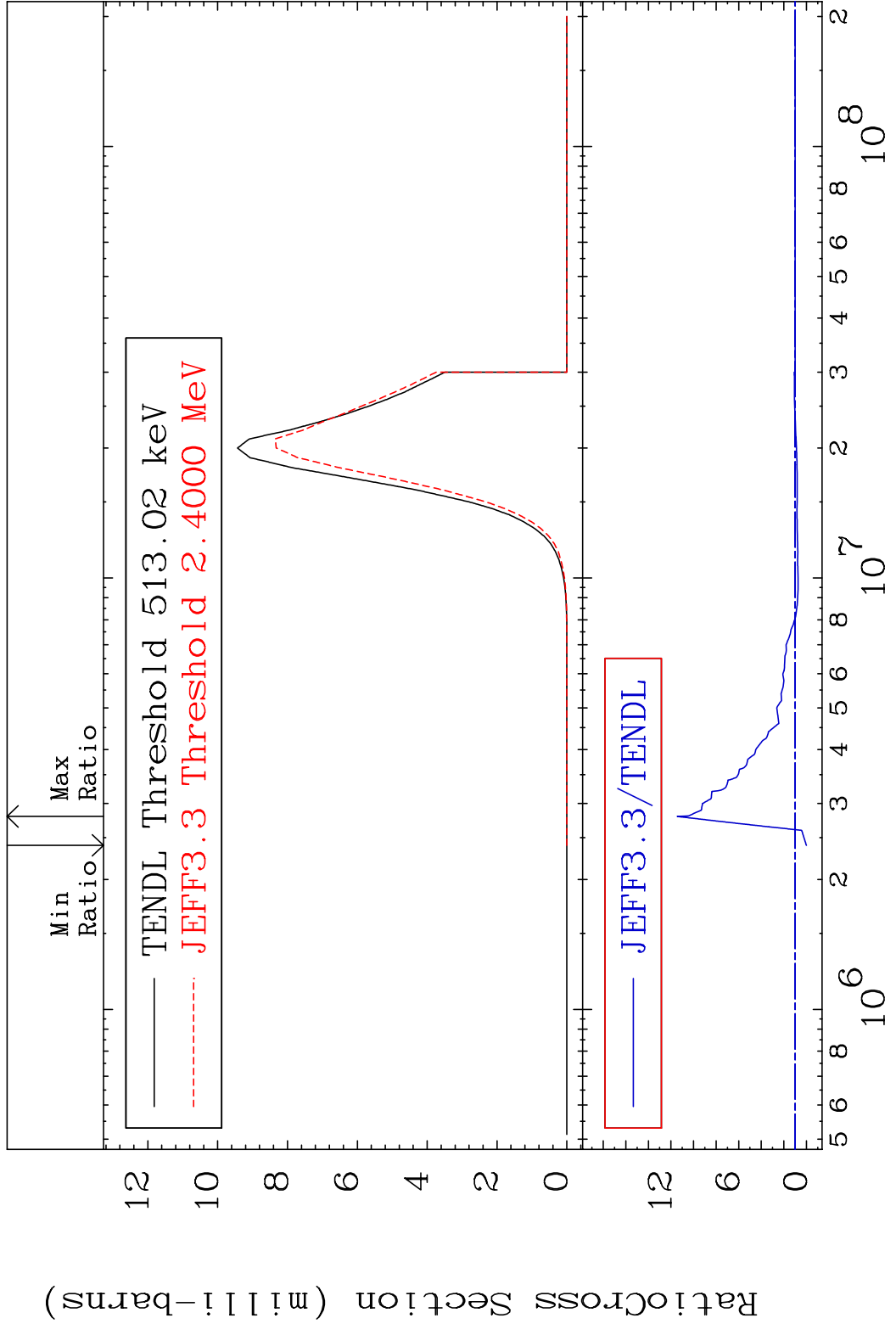
MAT 3643 (n, t):35-Br-82m1 36-Kr-84
 Radionuclide Production Cross Section 180.01 dno 0.000 %

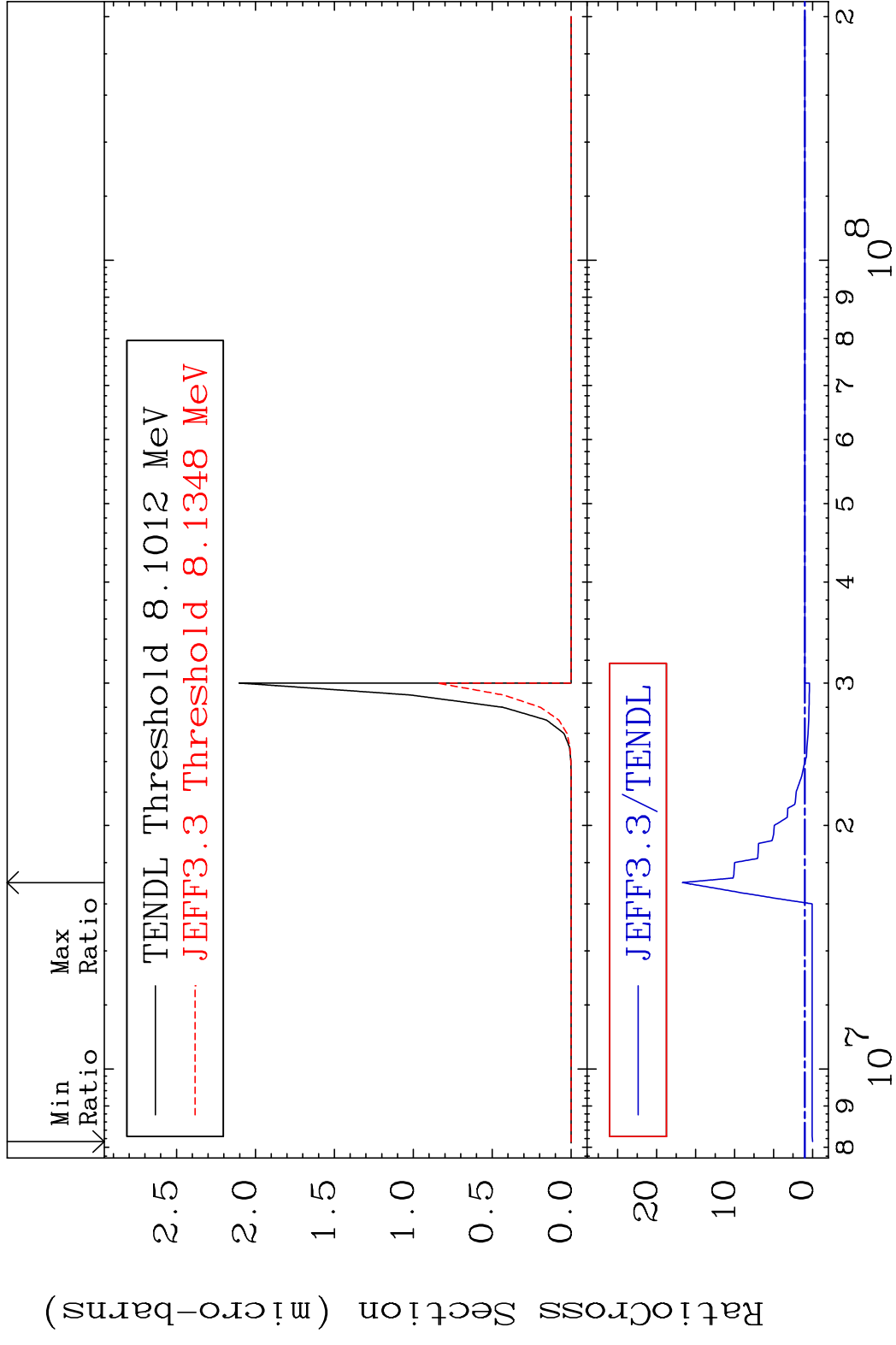


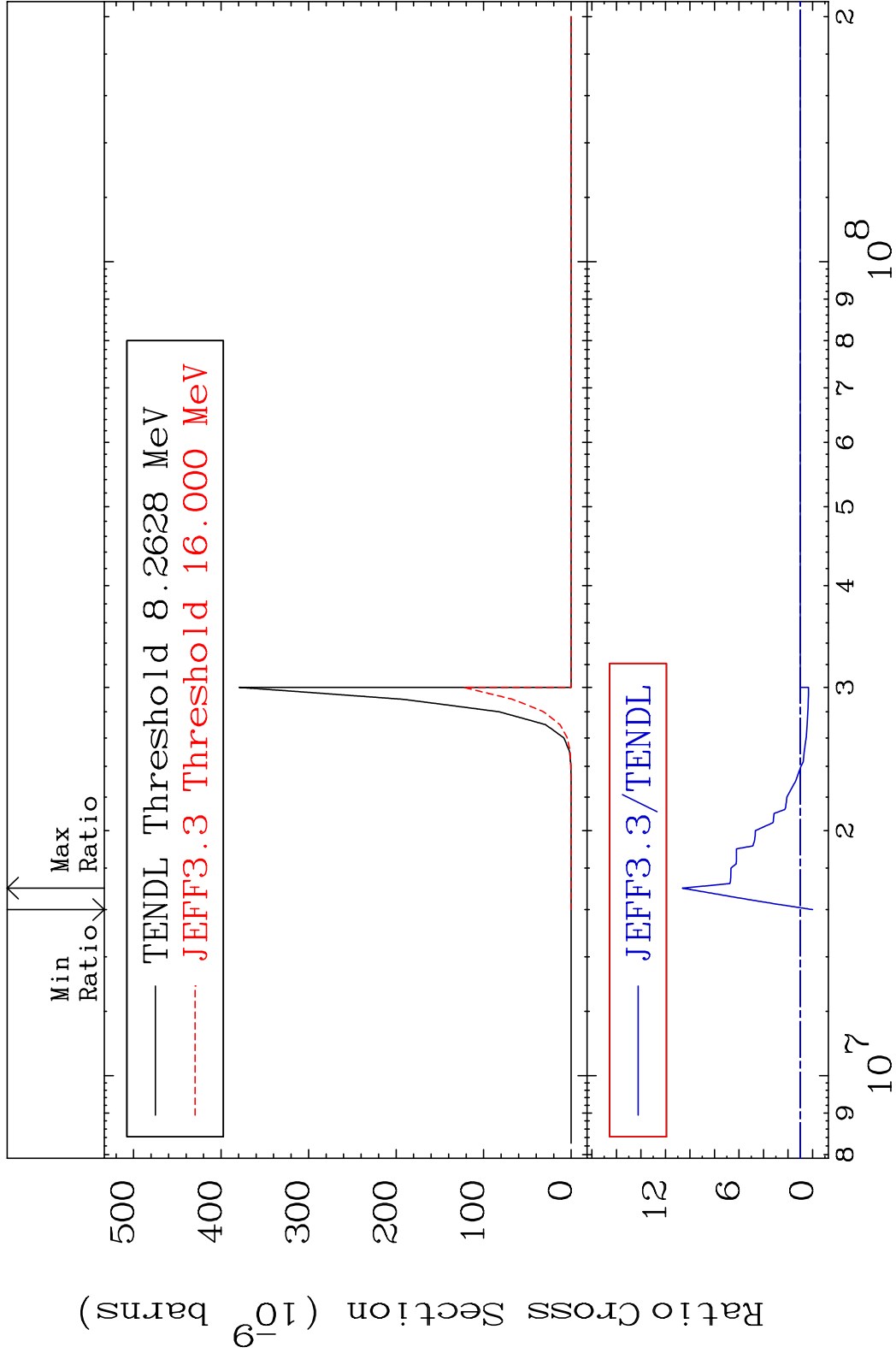
MAT 3643 (n, α):34-Se-81g 36-Kr-84
 Radionuclide Production Cross Section Ratio 1408. %



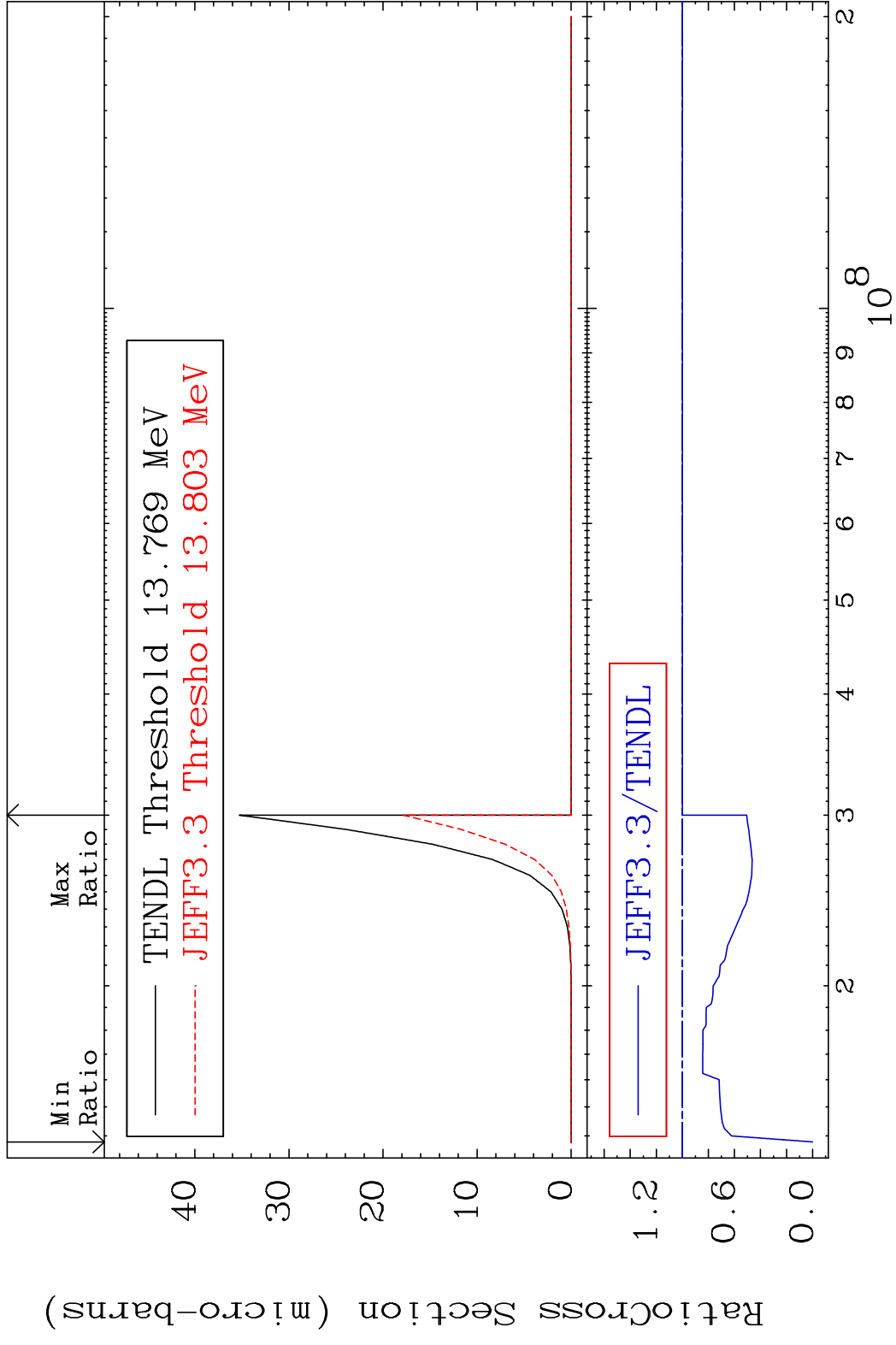
MAT 3643 (n, α):34-Se-81m1 36-Kr-84
 Radionuclide Production Cross Section 100.00 to 1045. %



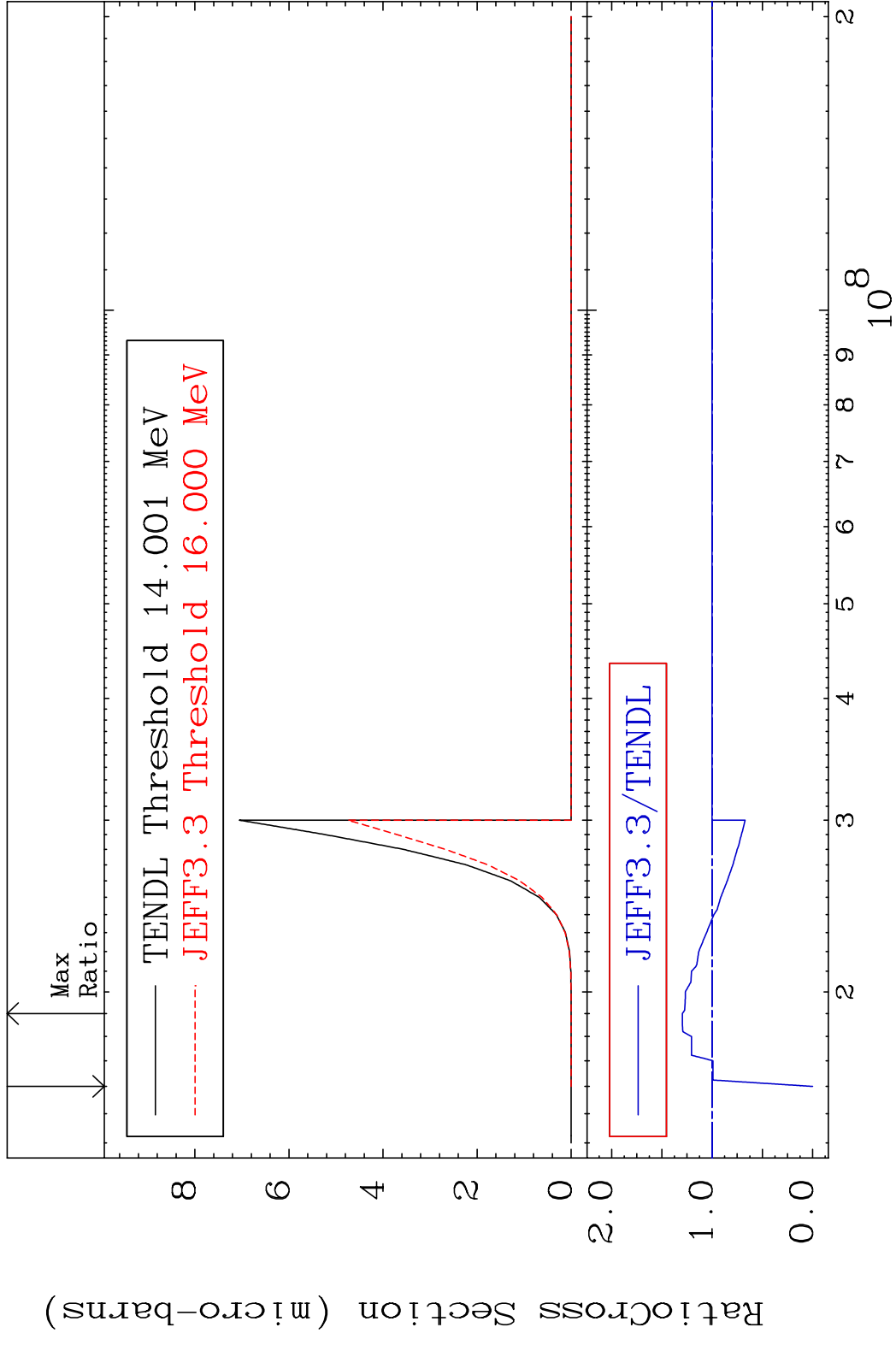




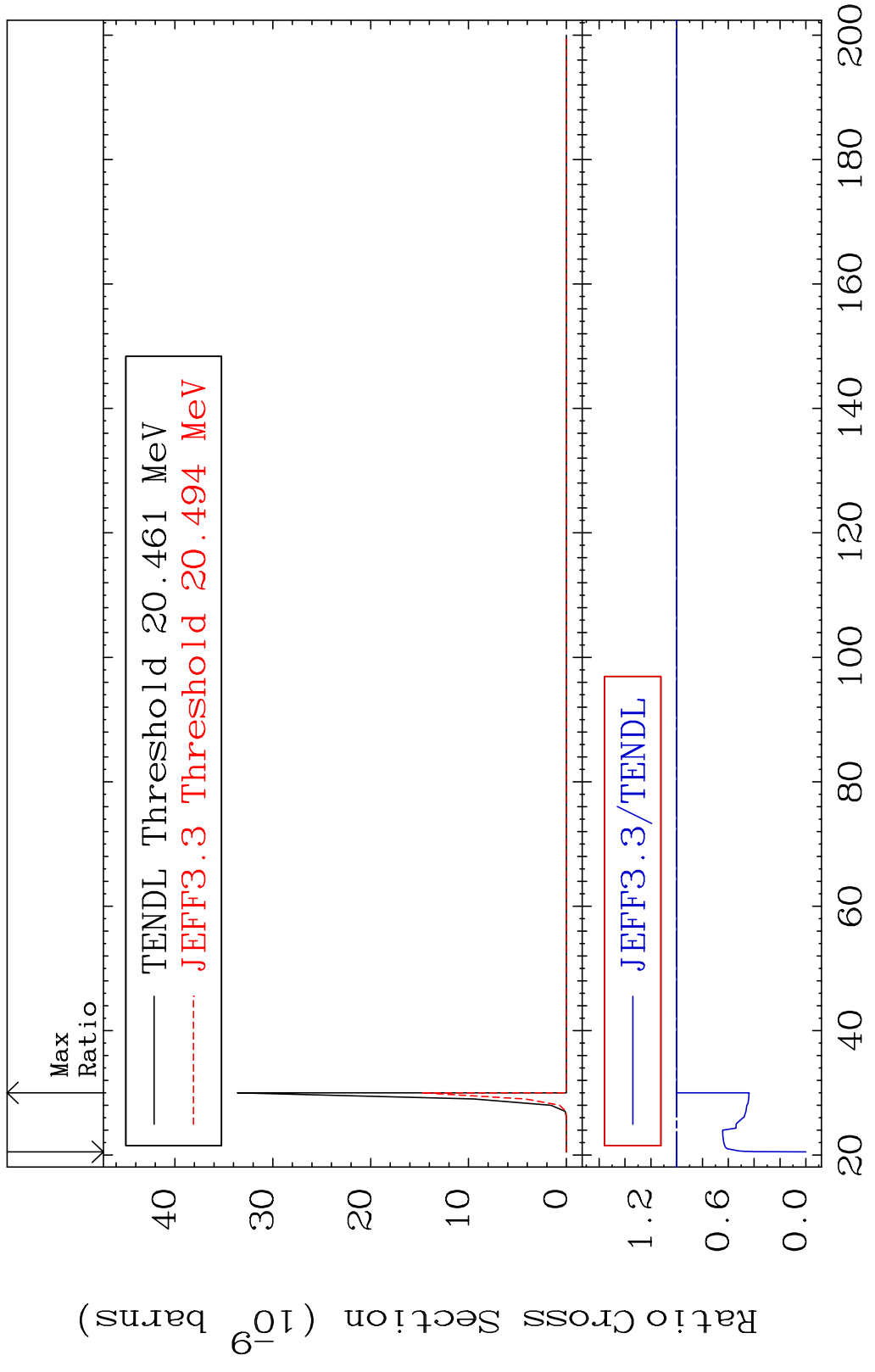
MAT 3643 (n,2p):34-Se-83g 36-Kr-84
 Radionuclide Production Cross Section Ratio 0.000 %



MAT 3643 (n,2p):34-Se-83m1 36-Kr-84
 Radionuclide Production Cross Section Ratio 29.63 %



MAT 3643 (n,p) t:34-Se-81g 36-Kr-84
 Radionuclide Production Cross Section Ratio 0.000 %



MAT 3643 (n,p) t:34-Se-81m1 36-Kr-84
 Radionuclide Production Cross Section Ratio 0.000 %

