

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

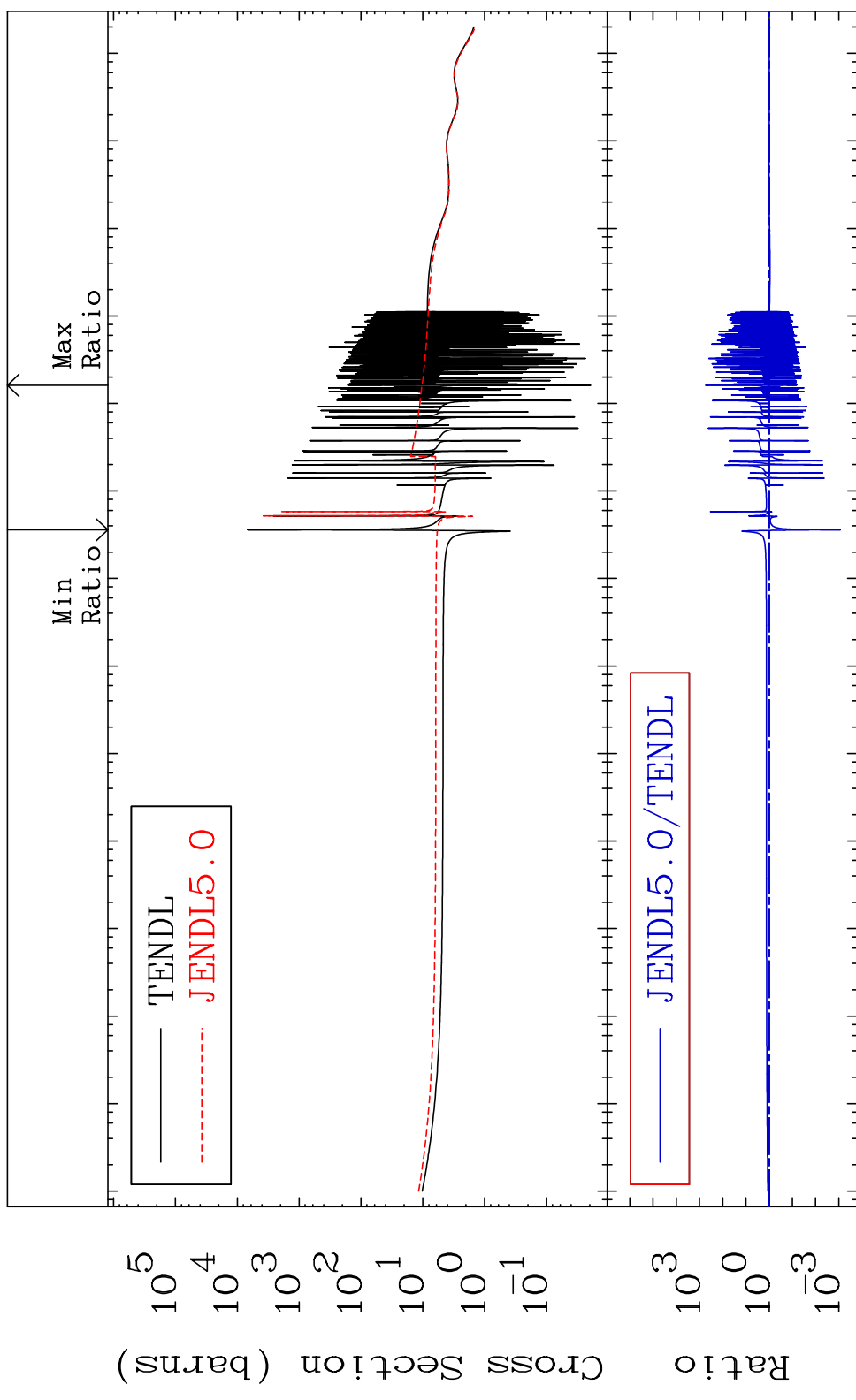
MAT 3643

Total

36-Kr-84

Cross Section

-99.92 To 9999. %



1

Incident Energy (eV)

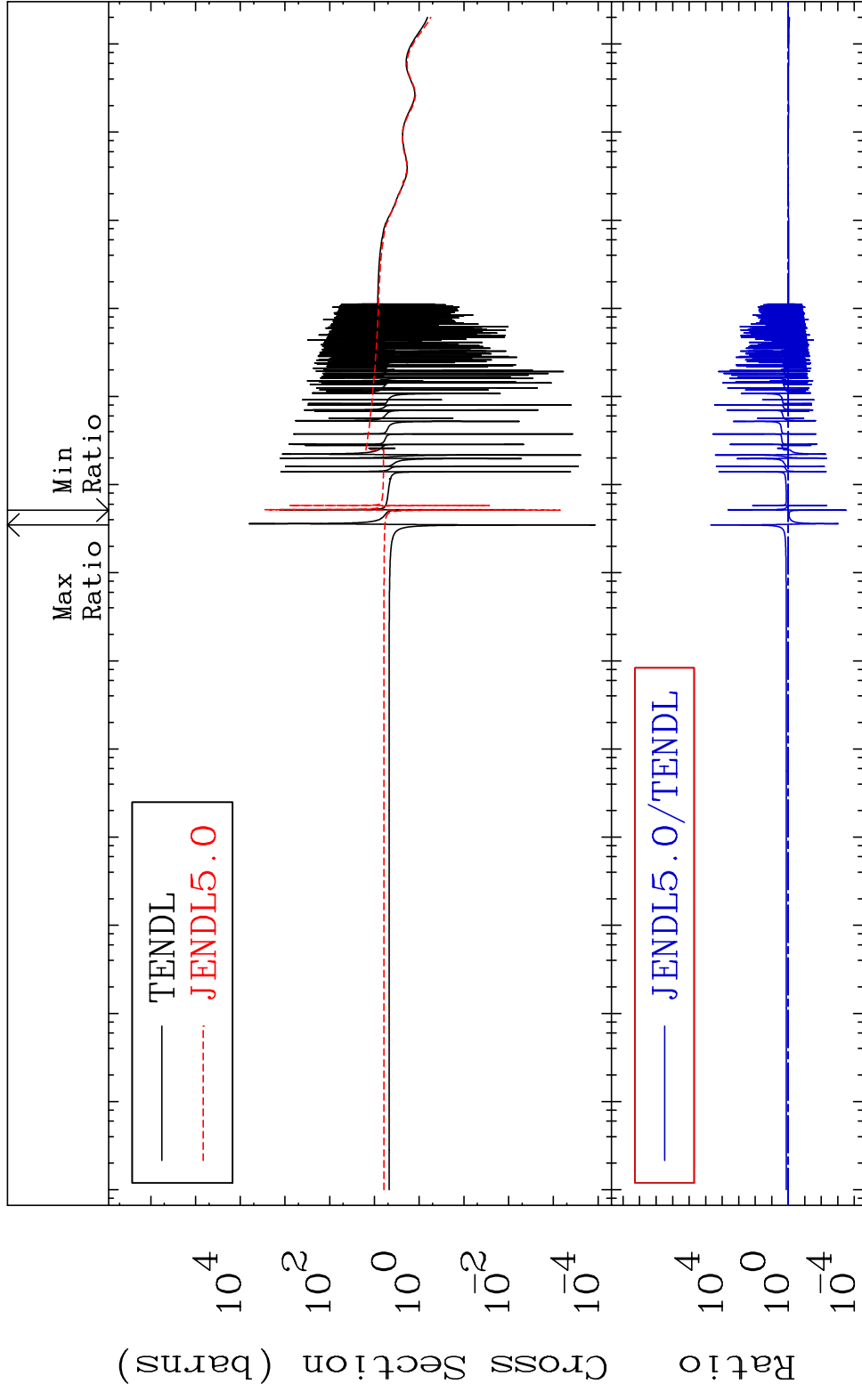
36-Kr-84

MAT 3643

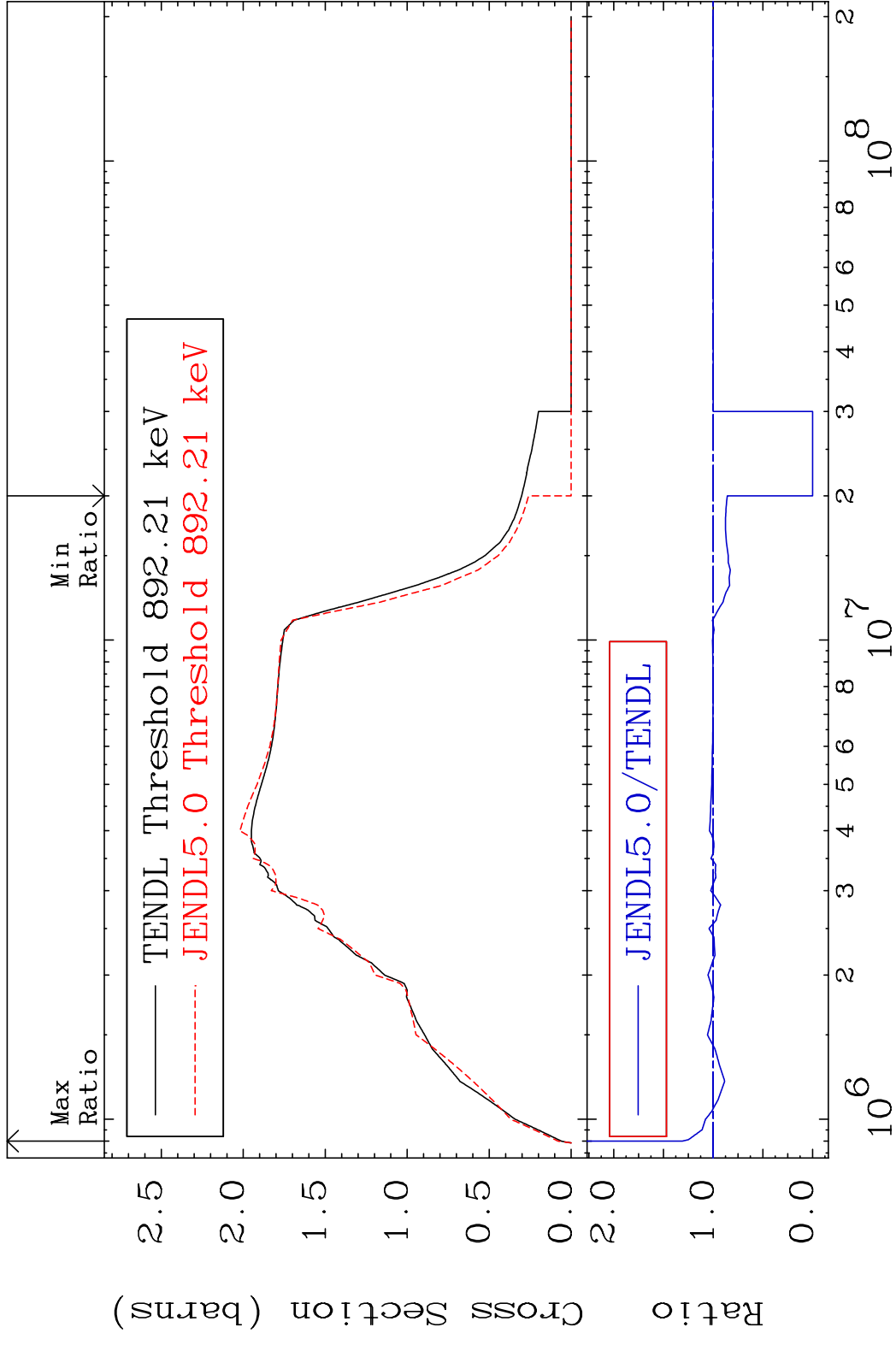
Elastic

36-Kr-84

Cross Section -99.97 To 9999. %



MAT 3643 Inelastic Cross Section -100.0 To 30.94 % 36-Kr-84



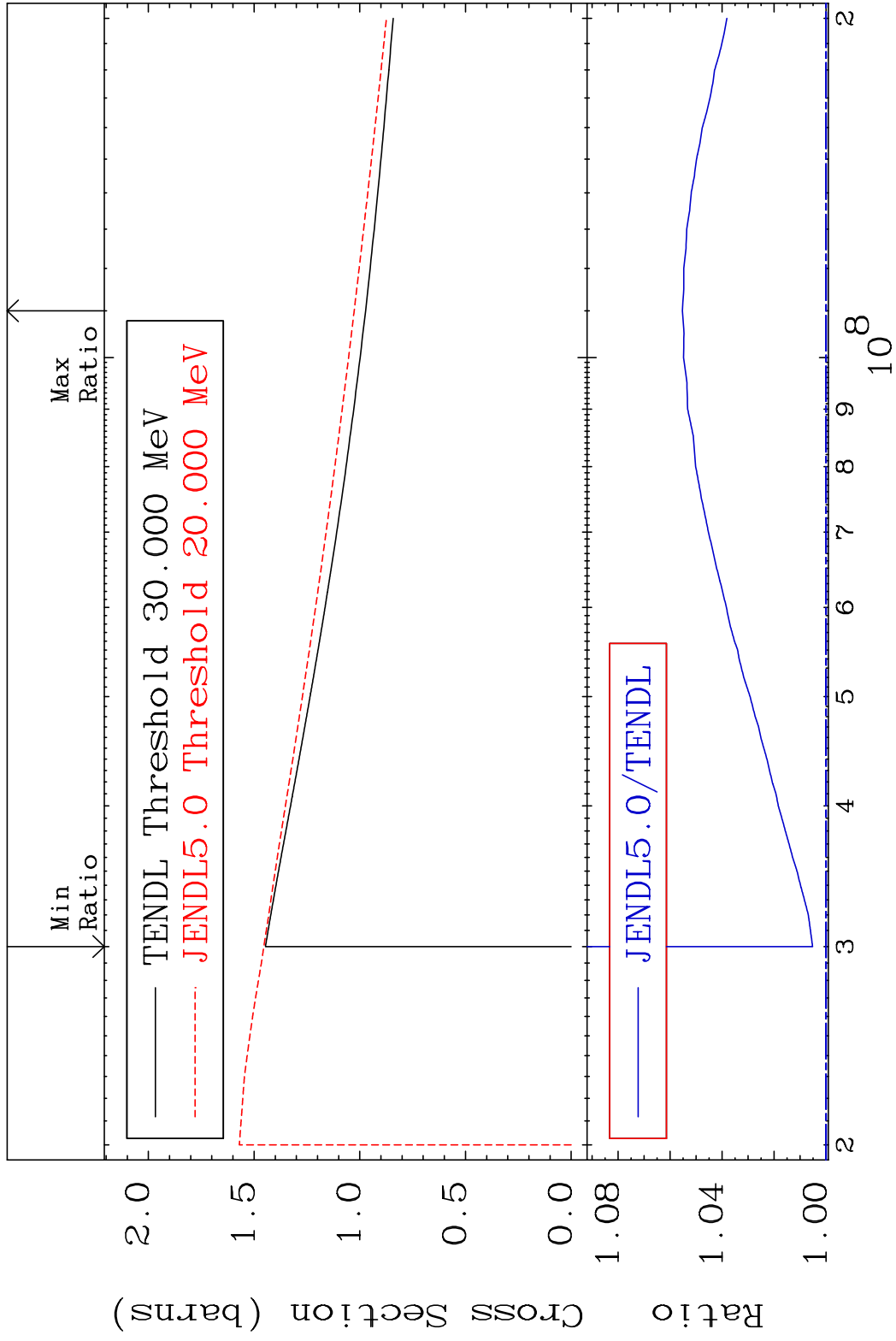
3 2 3 4 5 6 8 10⁶ 10⁷ 10⁸ 36-Kr-84

MAT 3643

(n, remainder)

36-Kr-84

Cross Section 0.522 To 5.531 %

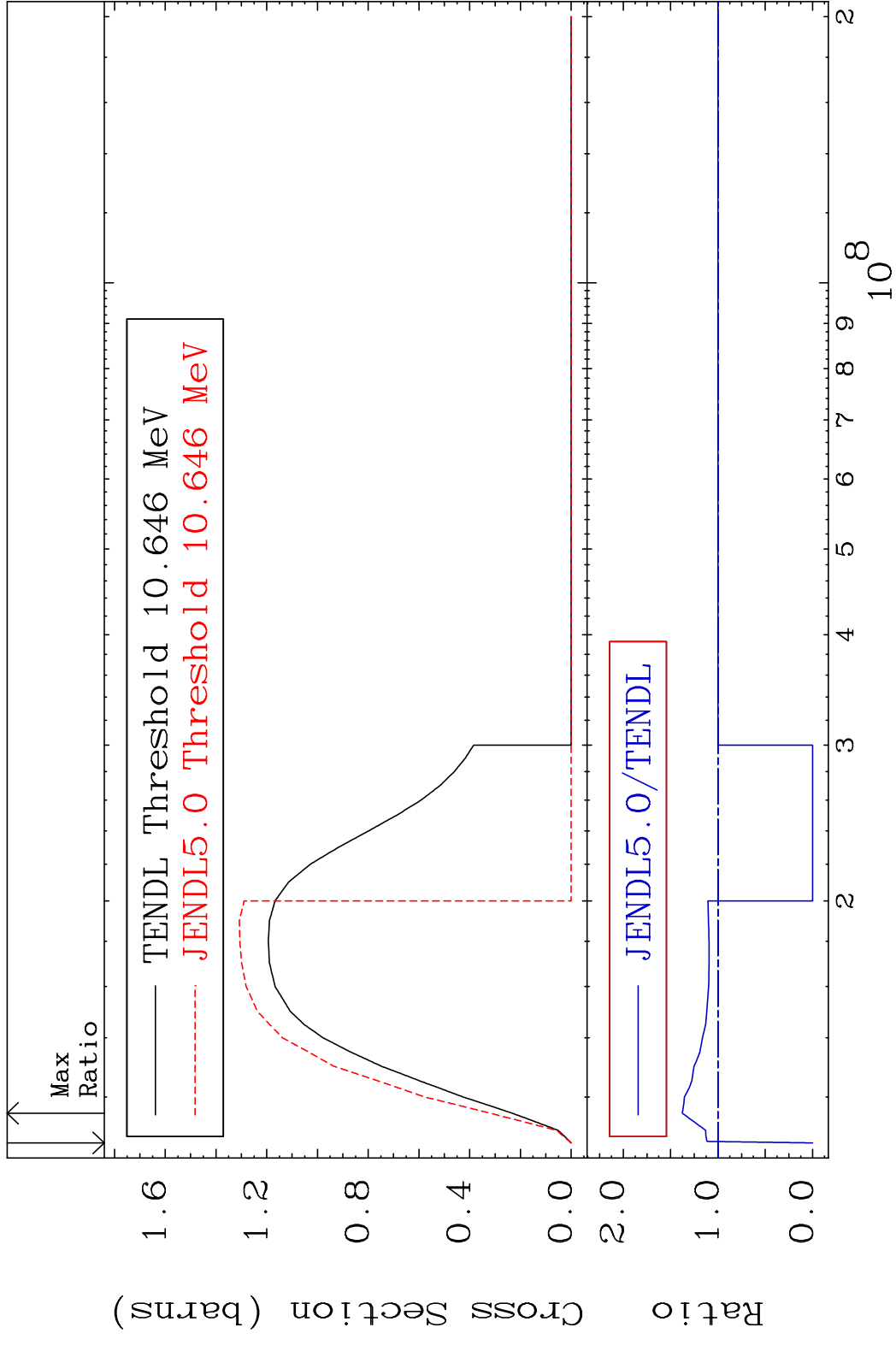


4

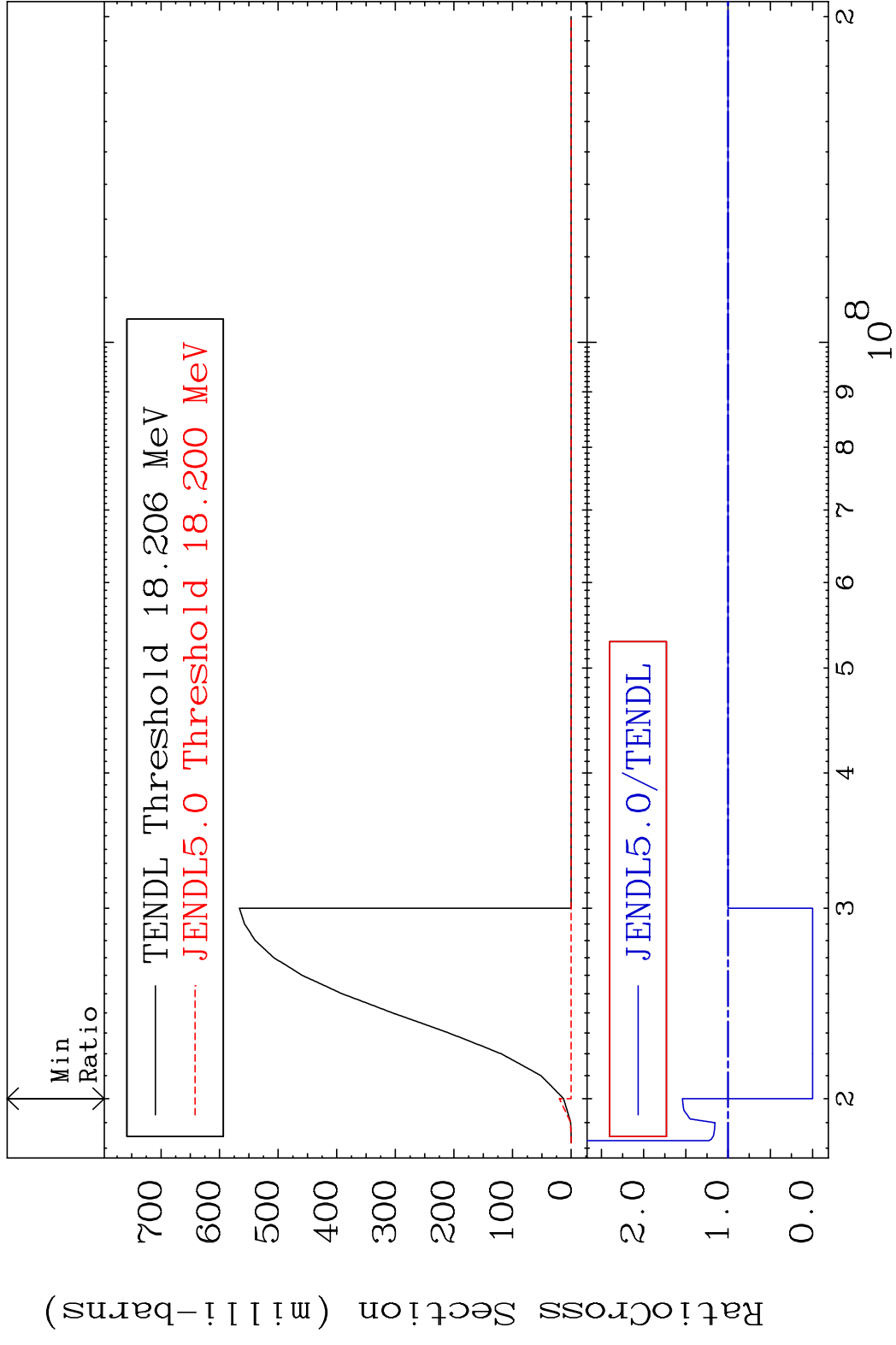
Incident Energy (eV)

36-Kr-84

MAT 3643 (n,2n) 36-Kr-84
 Cross Section -100.0 To 37.57 %



MAT 3643 (n,3n) 36-Kr-84
 Cross Section -100.0 To 54.16 %

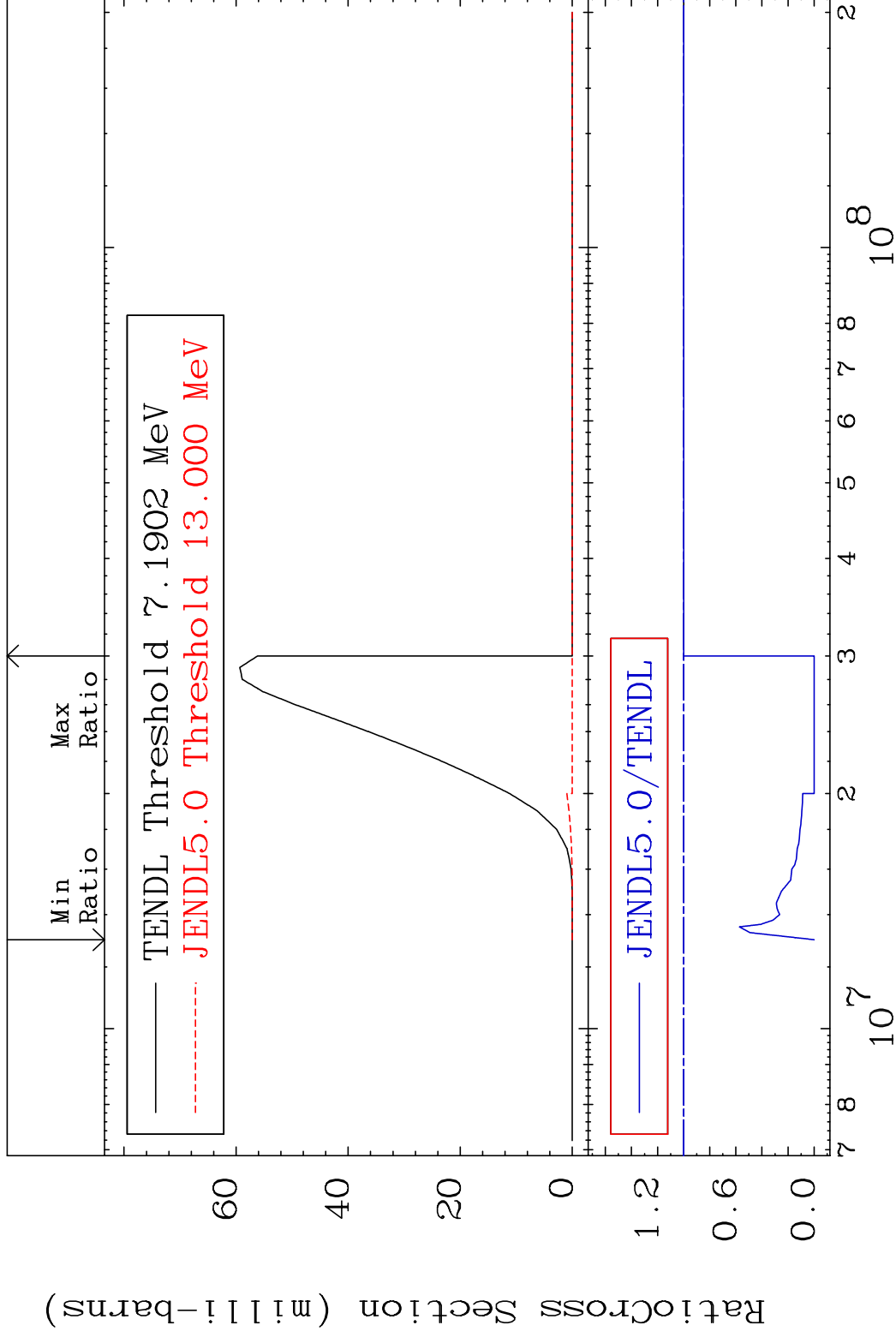


MAT 3643

(n, n') α

36-Kr-84

Cross Section -100.0 To 0.000 %

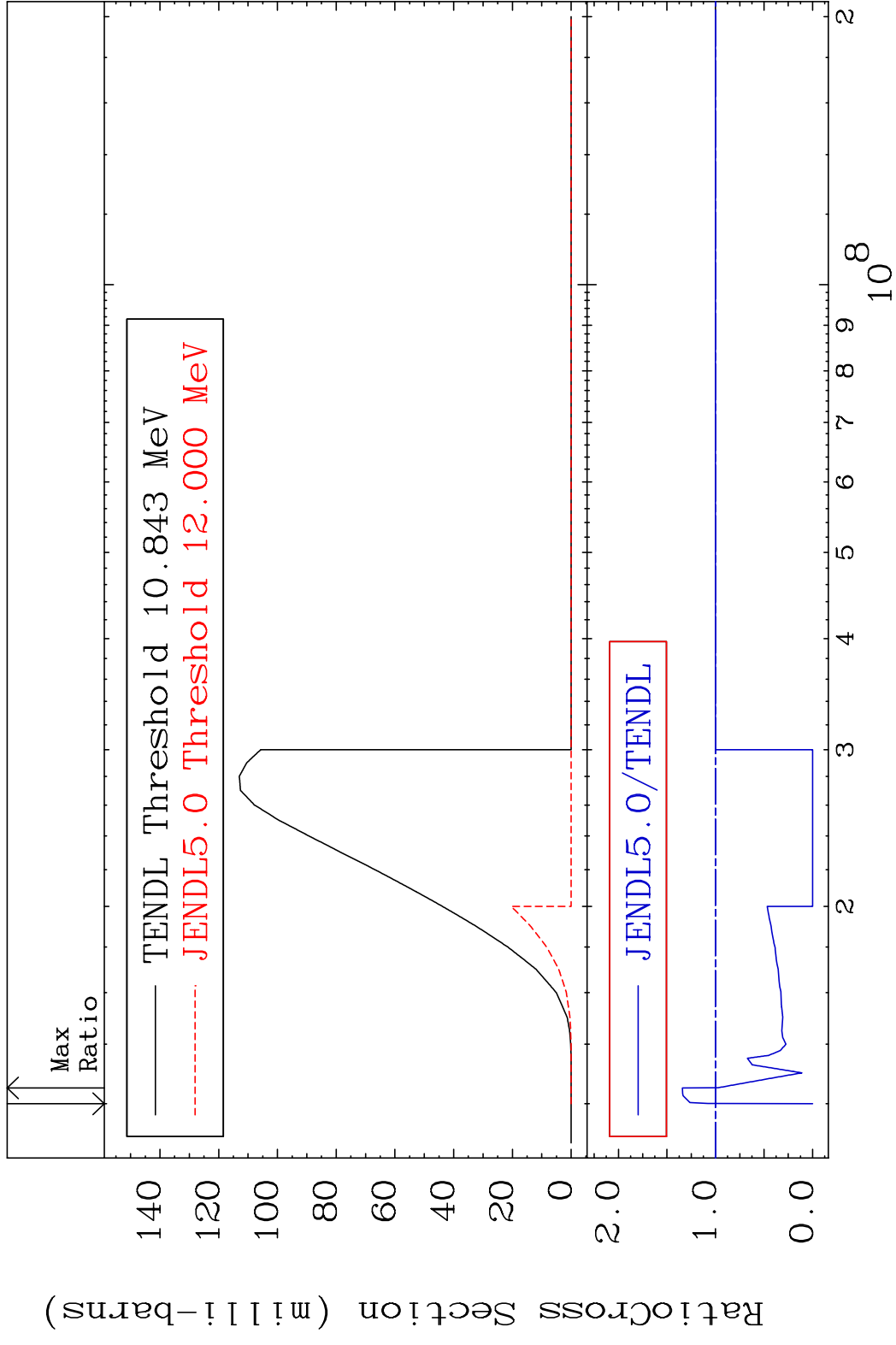


7

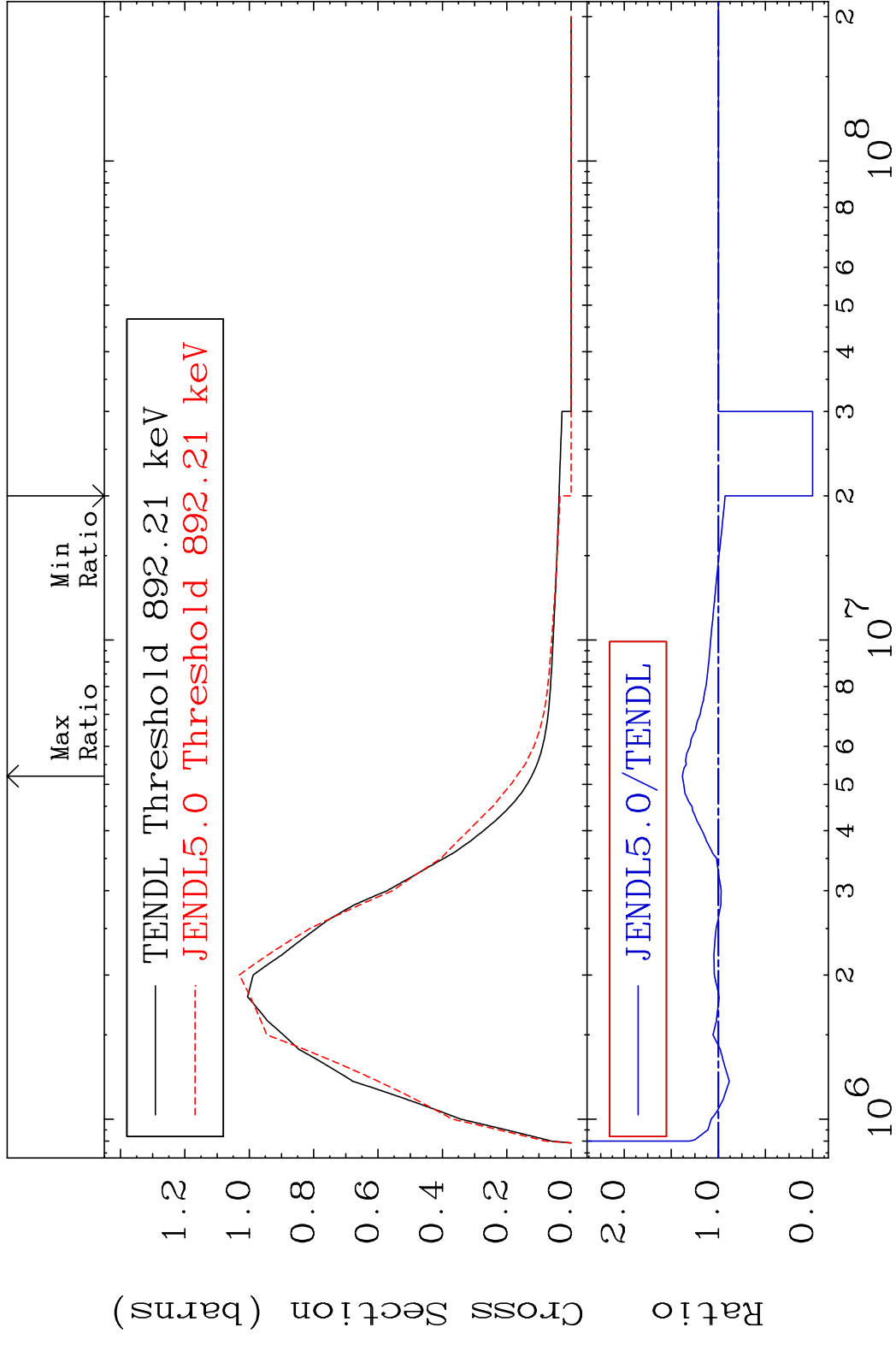
Incident Energy (eV)

36-Kr-84

MAT 3643 (n, n') p 36-Kr-84
 Cross Section -100.0 To 34.14 %

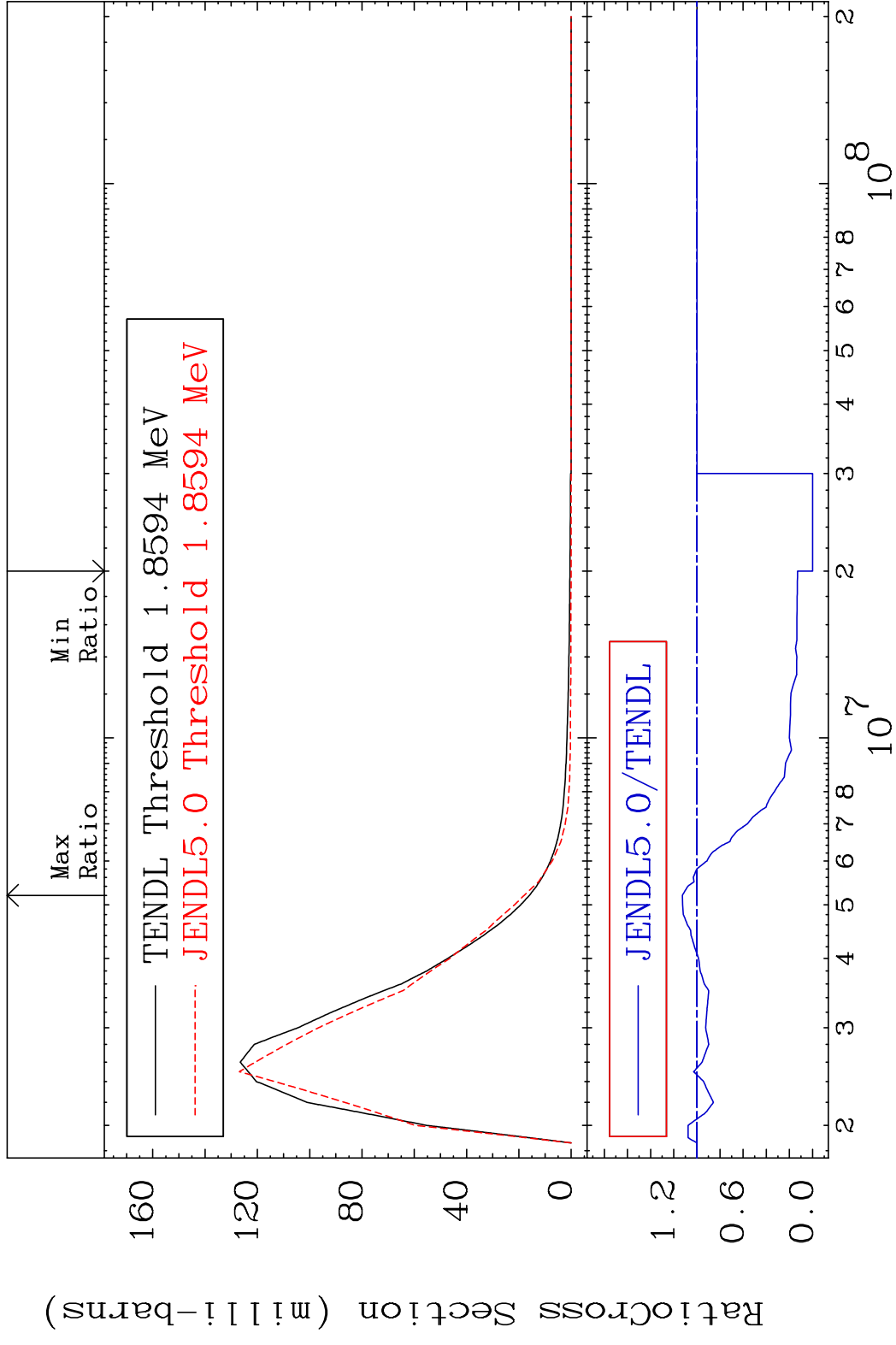


MAT 3643 MT= 51 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 38.25 %



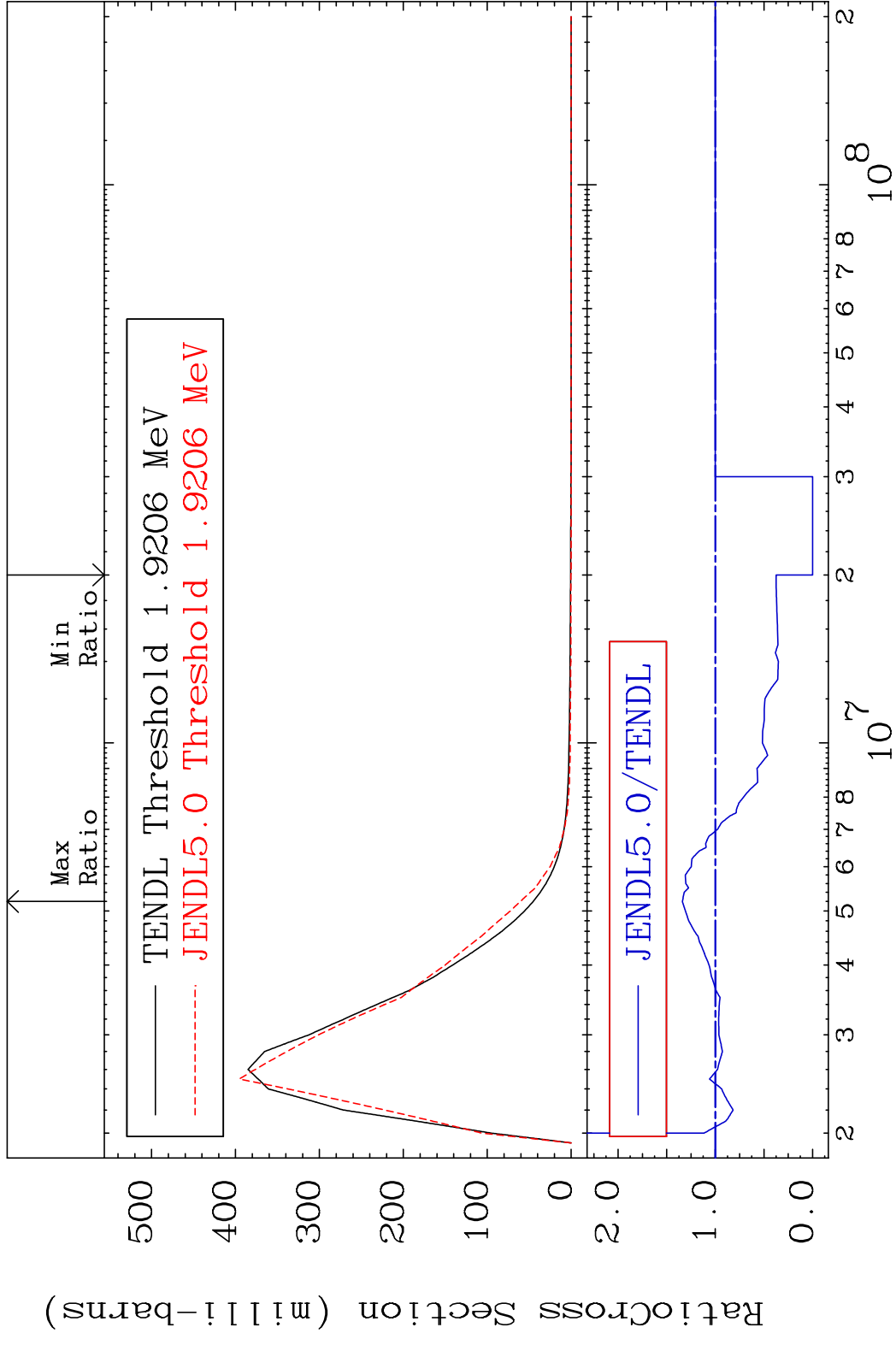
9 Incident Energy (eV) 36-Kr-84

MAT 3643 MT= 52 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 12.55 %

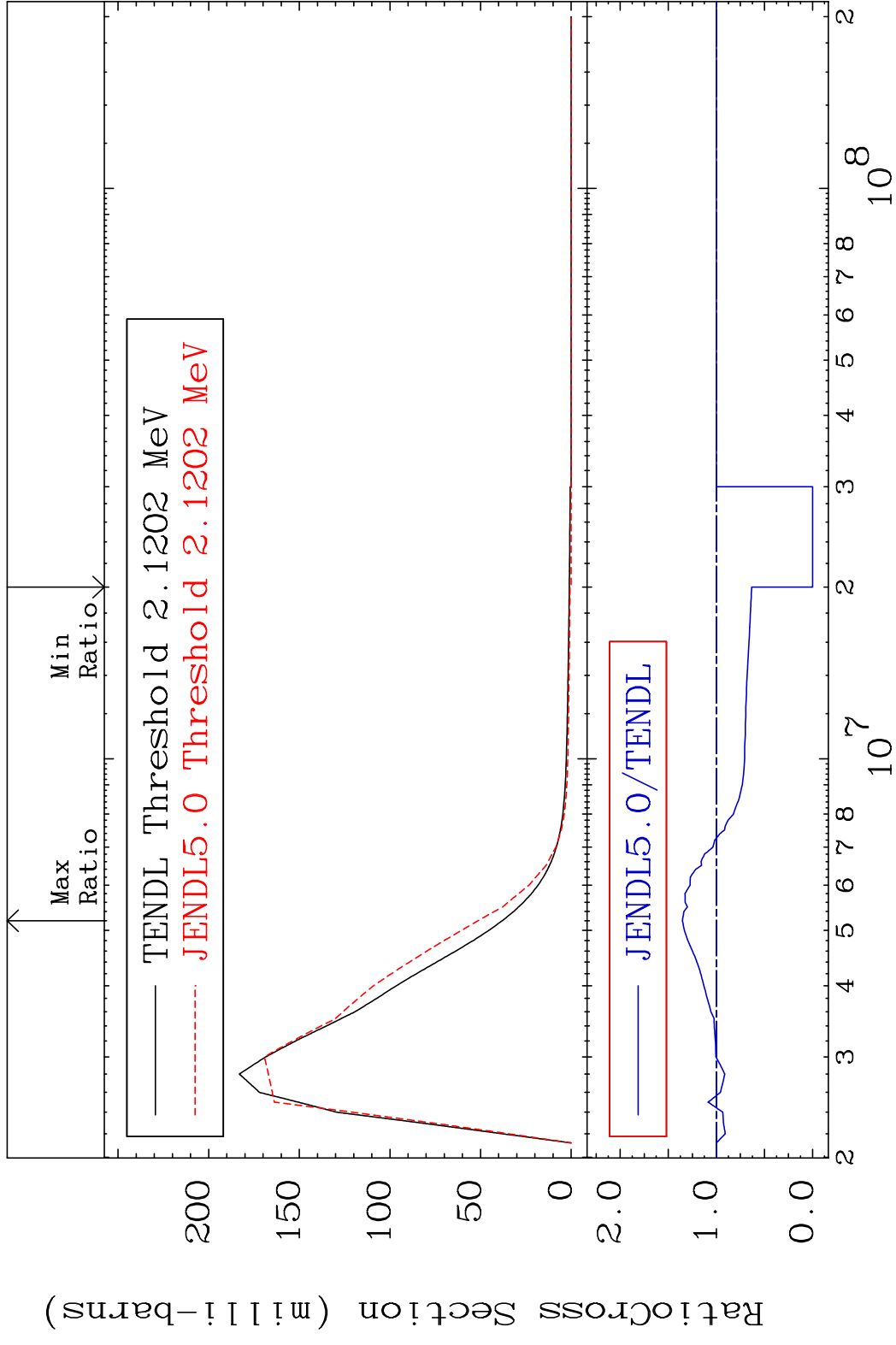


10 Incident Energy (eV) 36-Kr-84

MAT 3643 MT= 53 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 33.93 %

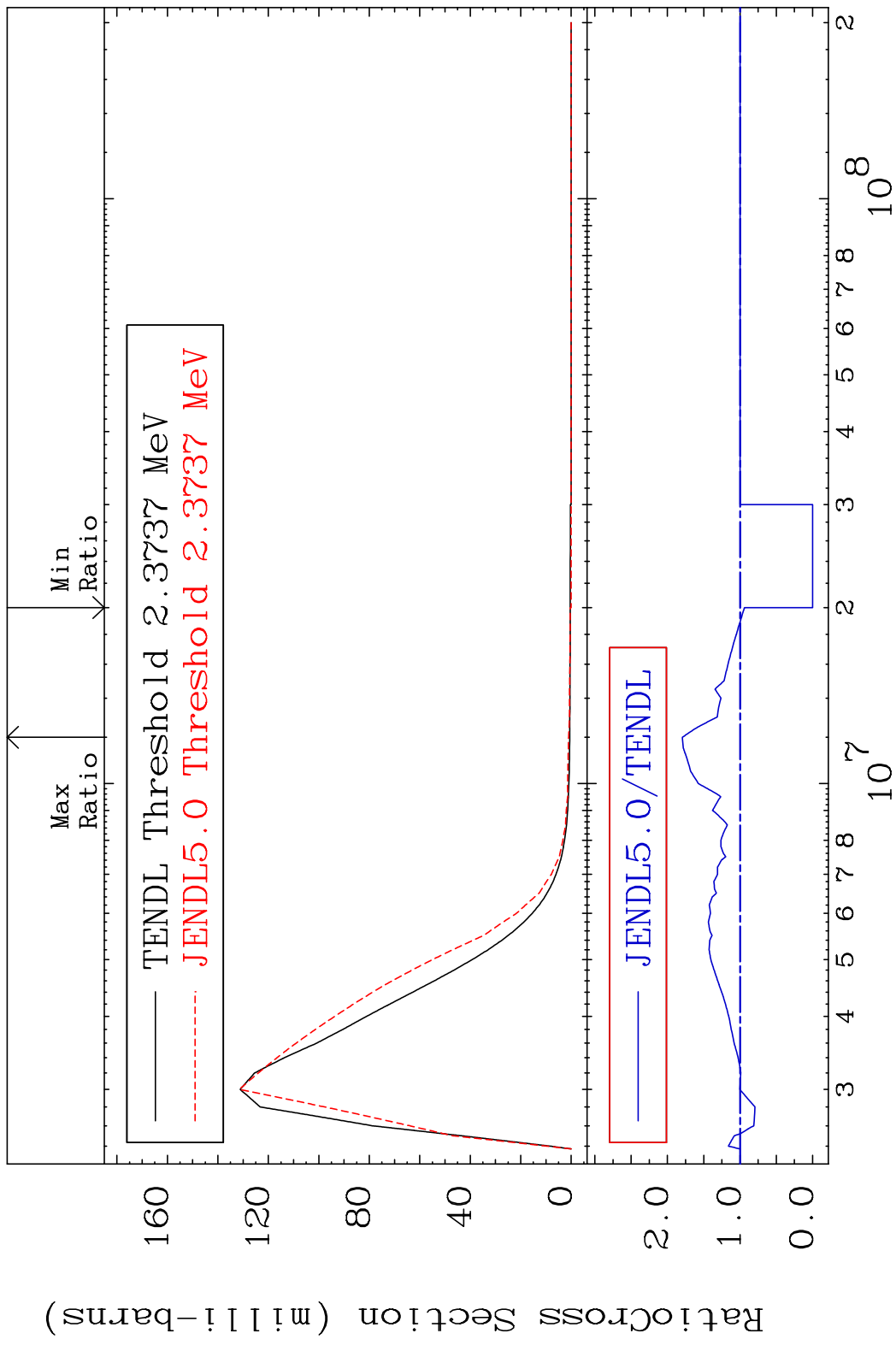


MAT 3643 MT= 54 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 35.38 %

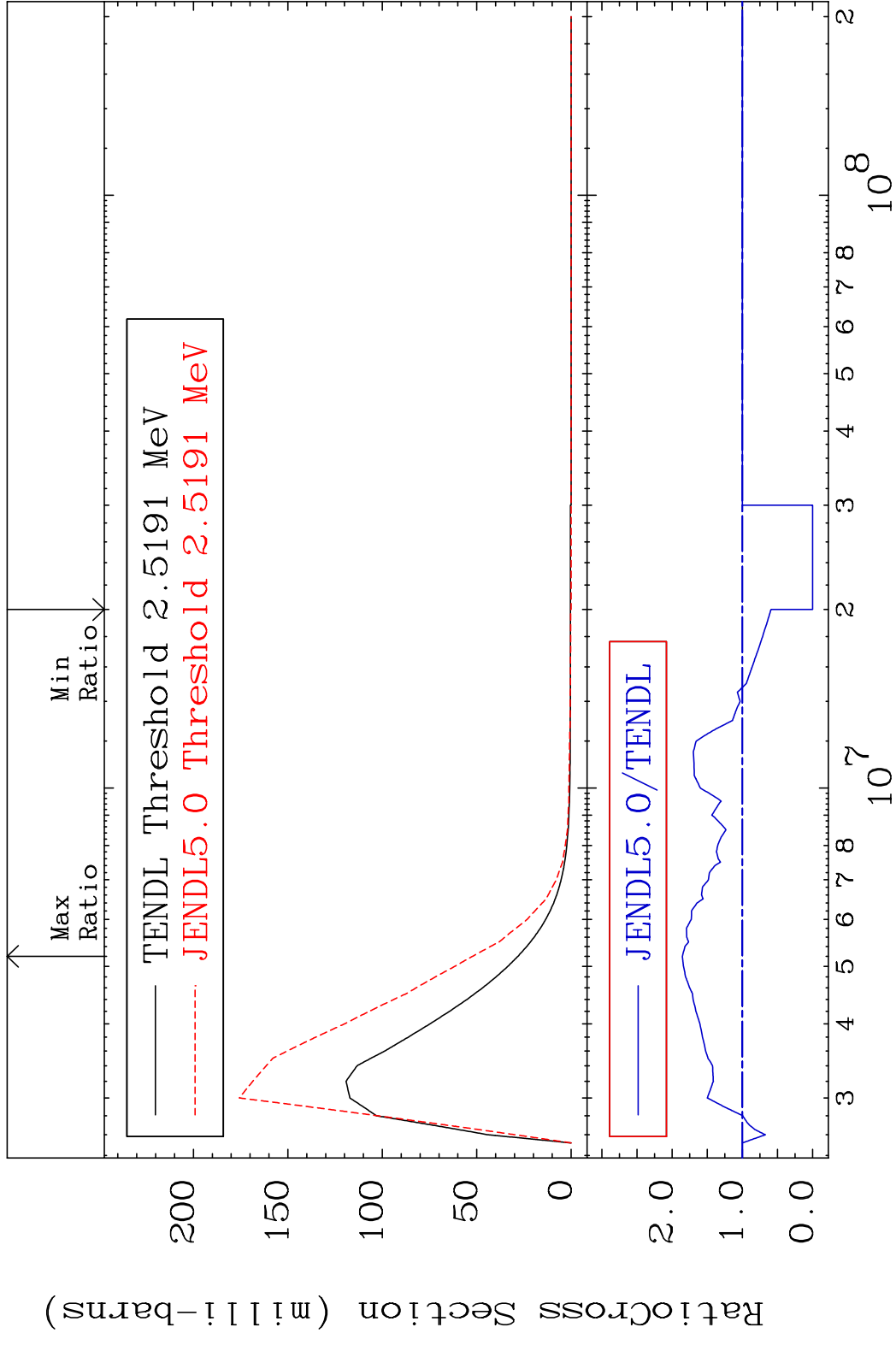


12 Incident Energy (eV) 36-Kr-84

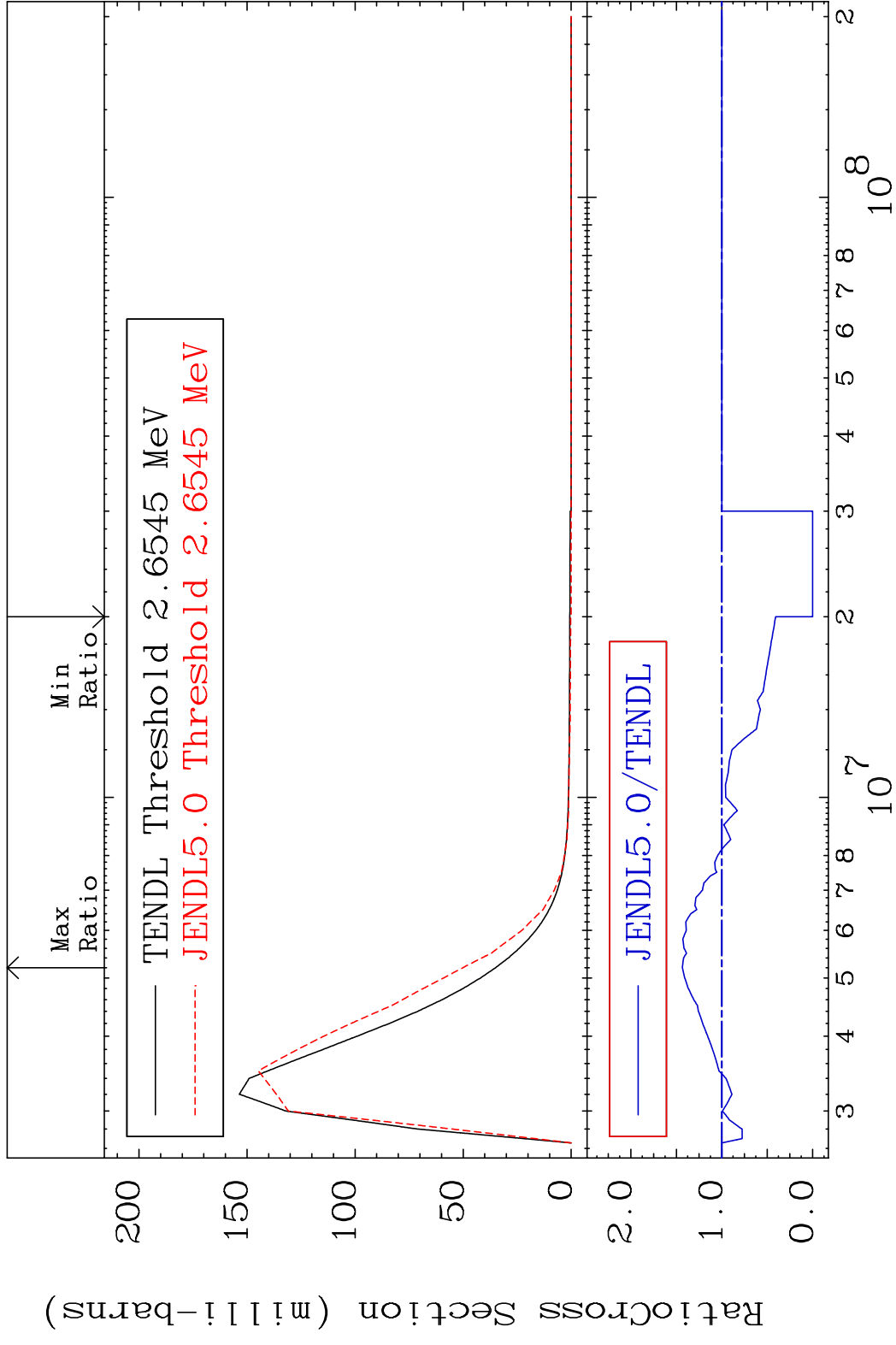
MAT 3643 MT= 55 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 79.44 %



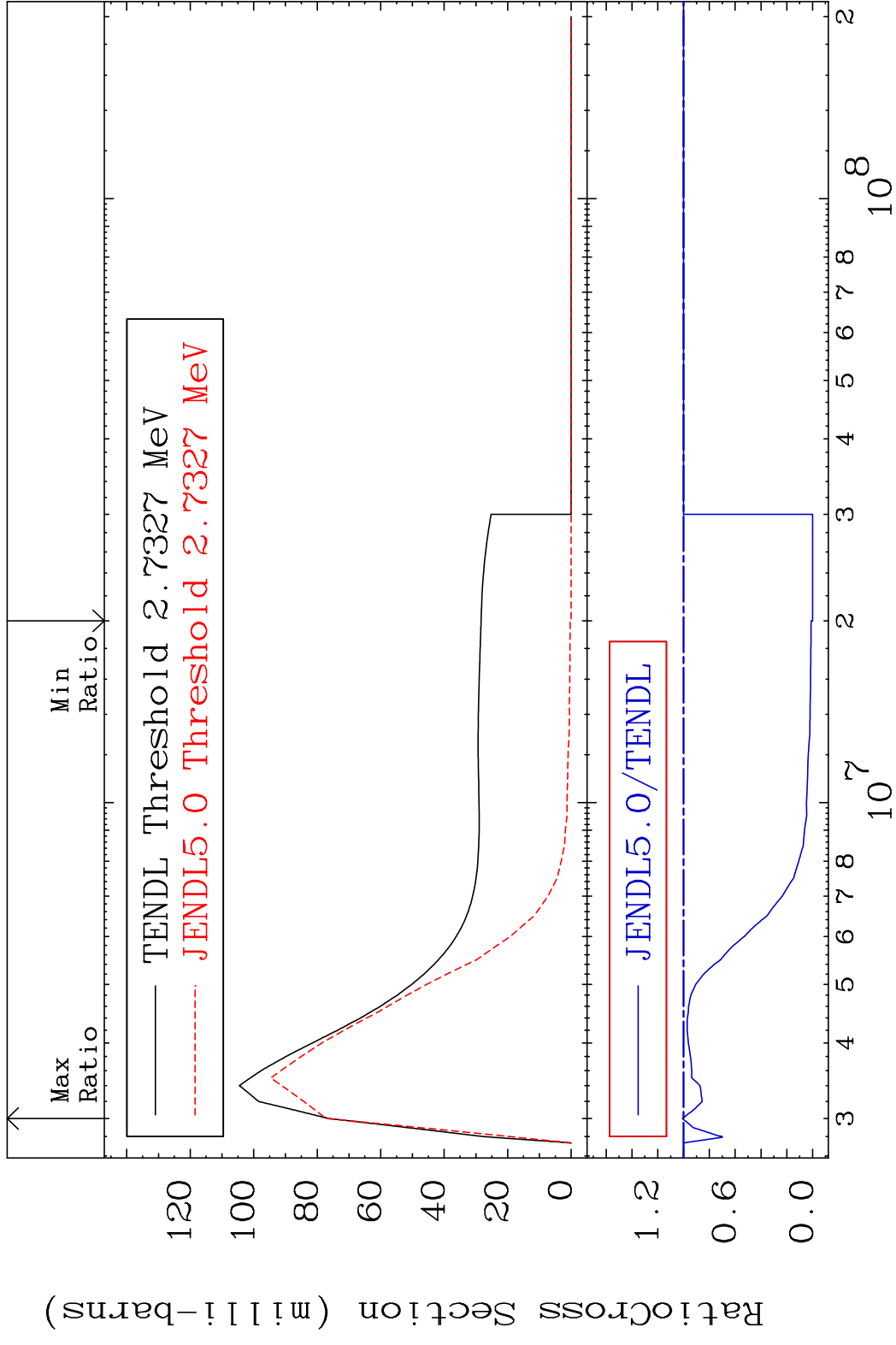
MAT 3643 MT= 56 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 85.49 %



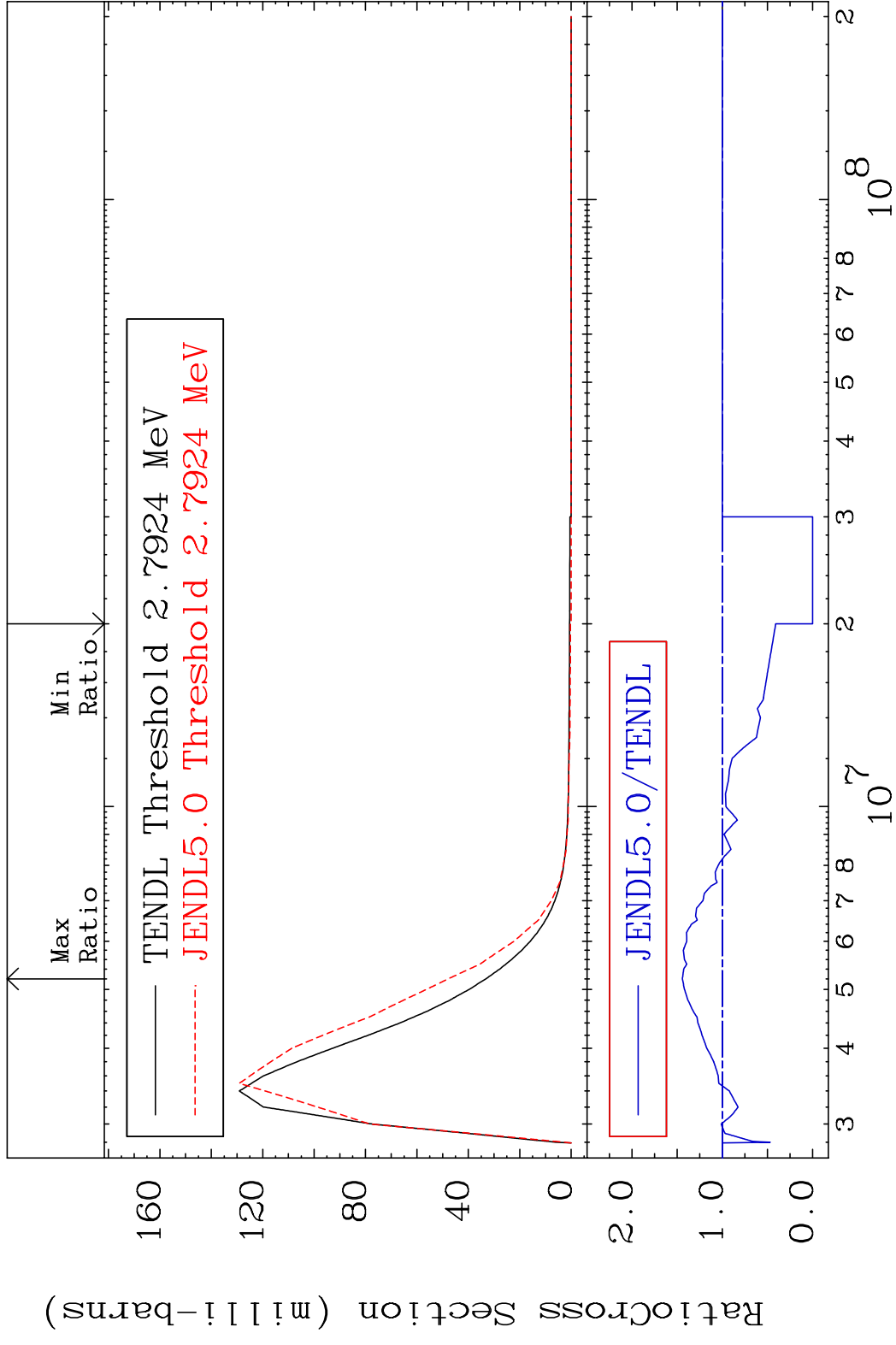
MAT 3643 MT= 57 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 43.40 %



MAT 3643 MT= 58 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 0.928 %

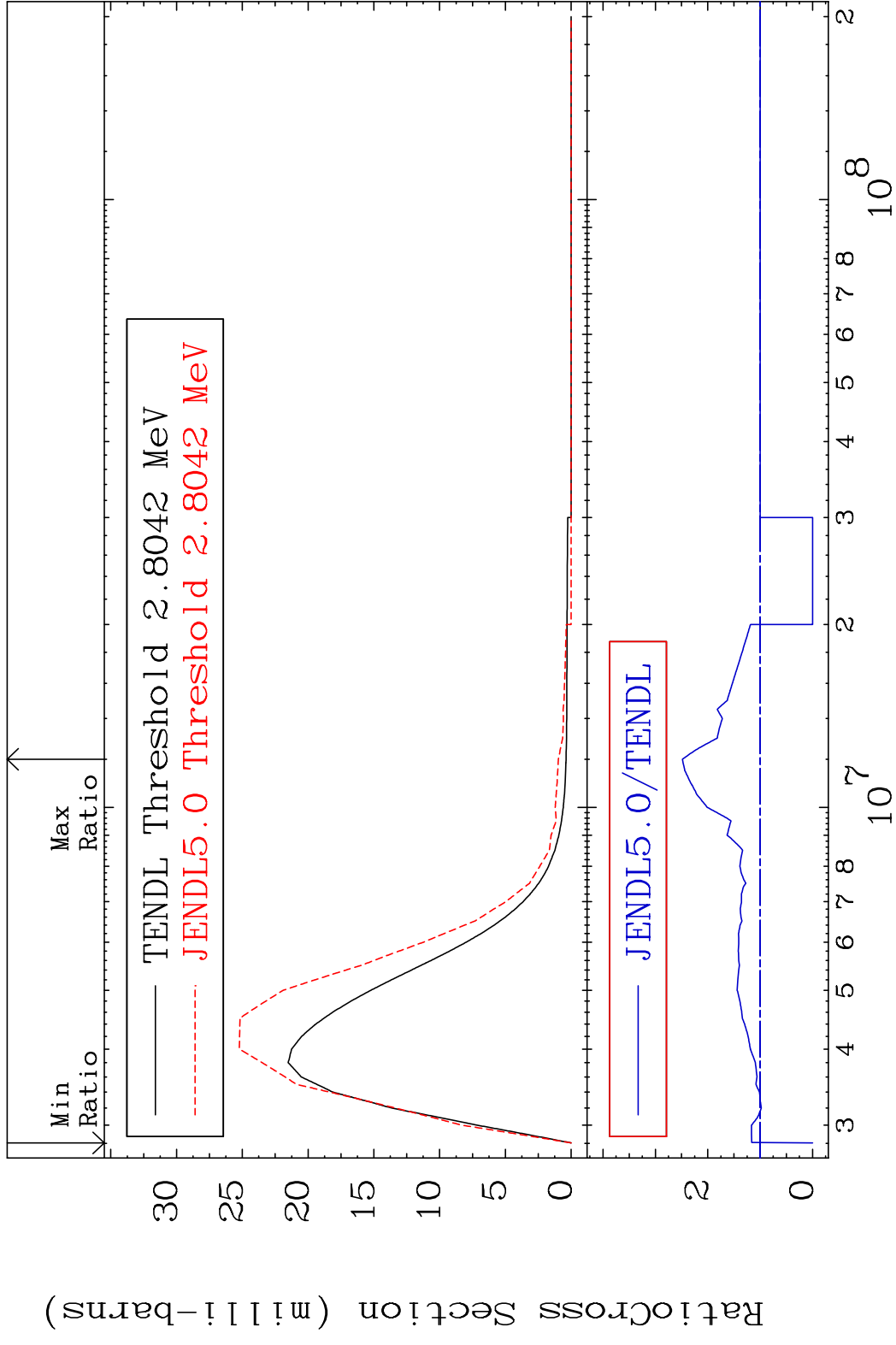


MAT 3643 MT= 59 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 44.18 %

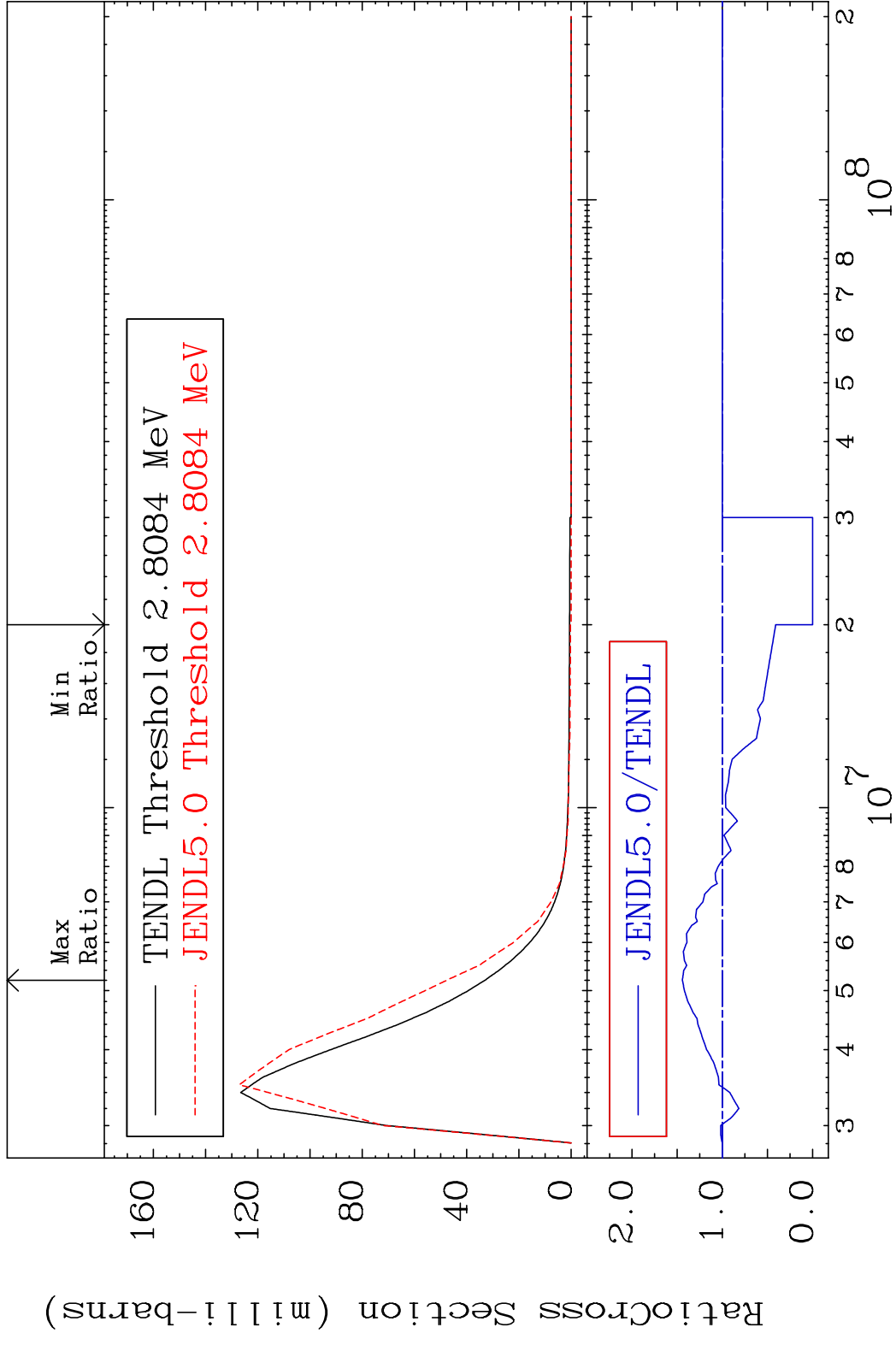


17 Incident Energy (eV) 36-Kr-84

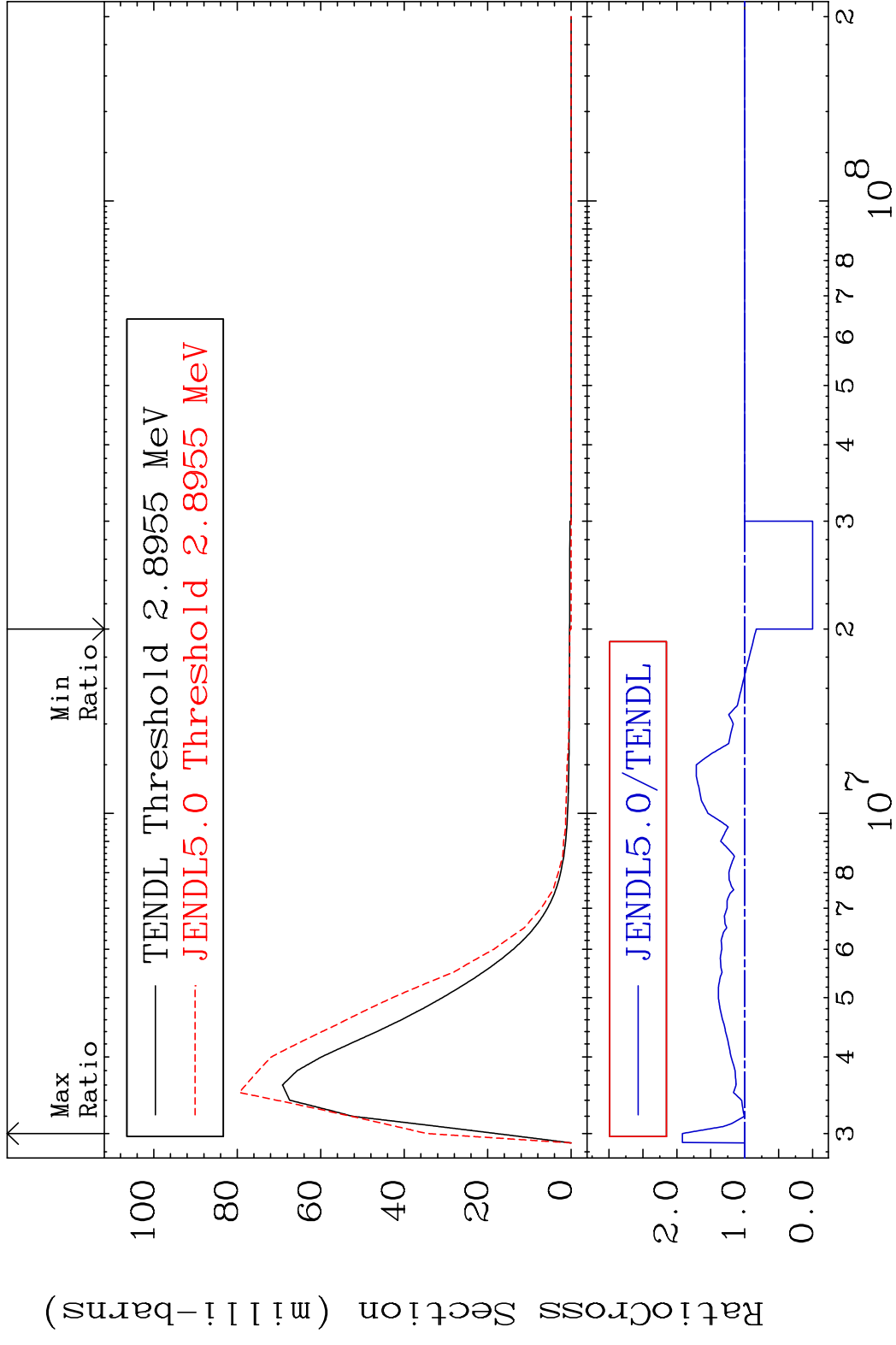
MAT 3643 MT= 60 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 148.5 %



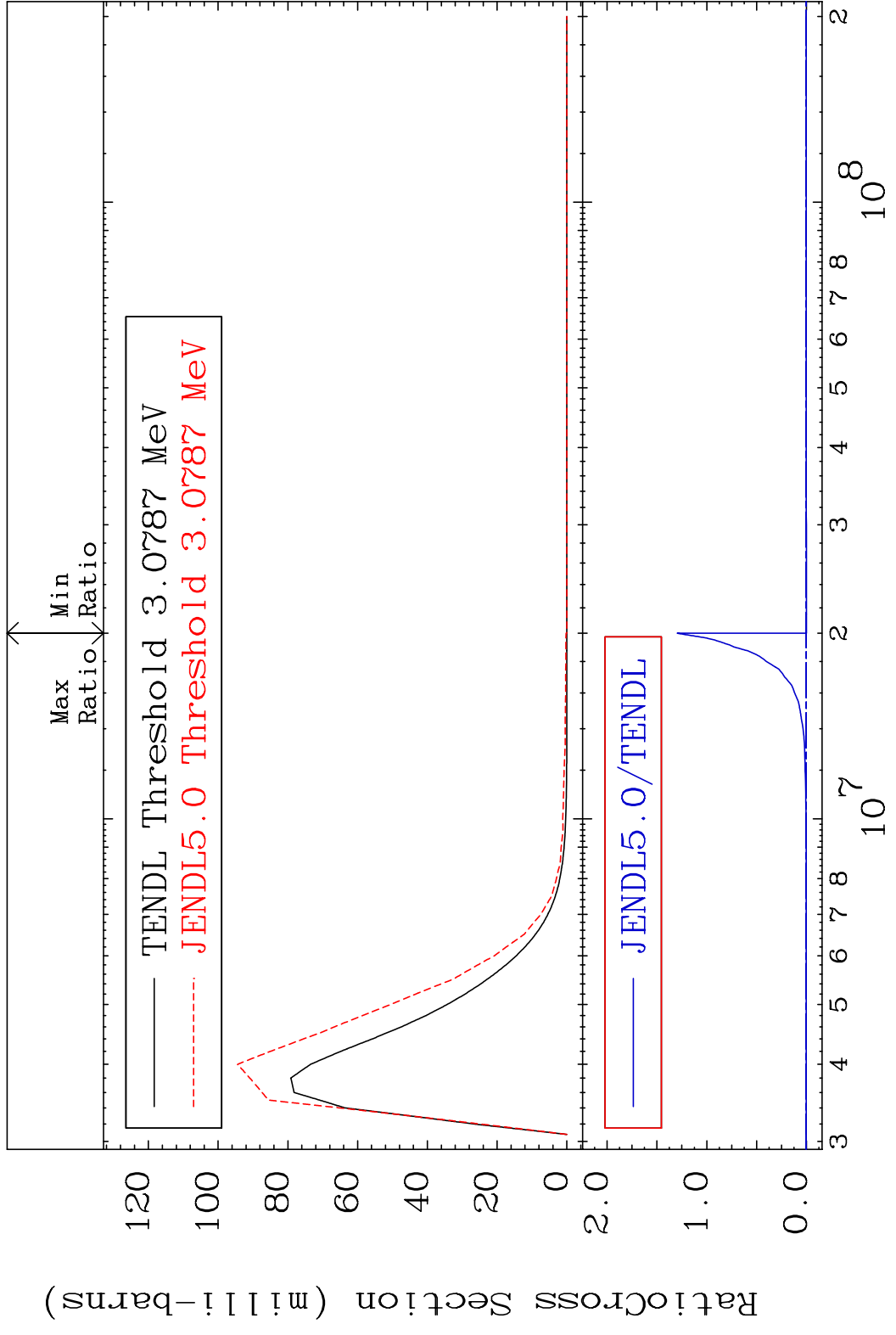
MAT 3643 MT= 61 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 44.29 %



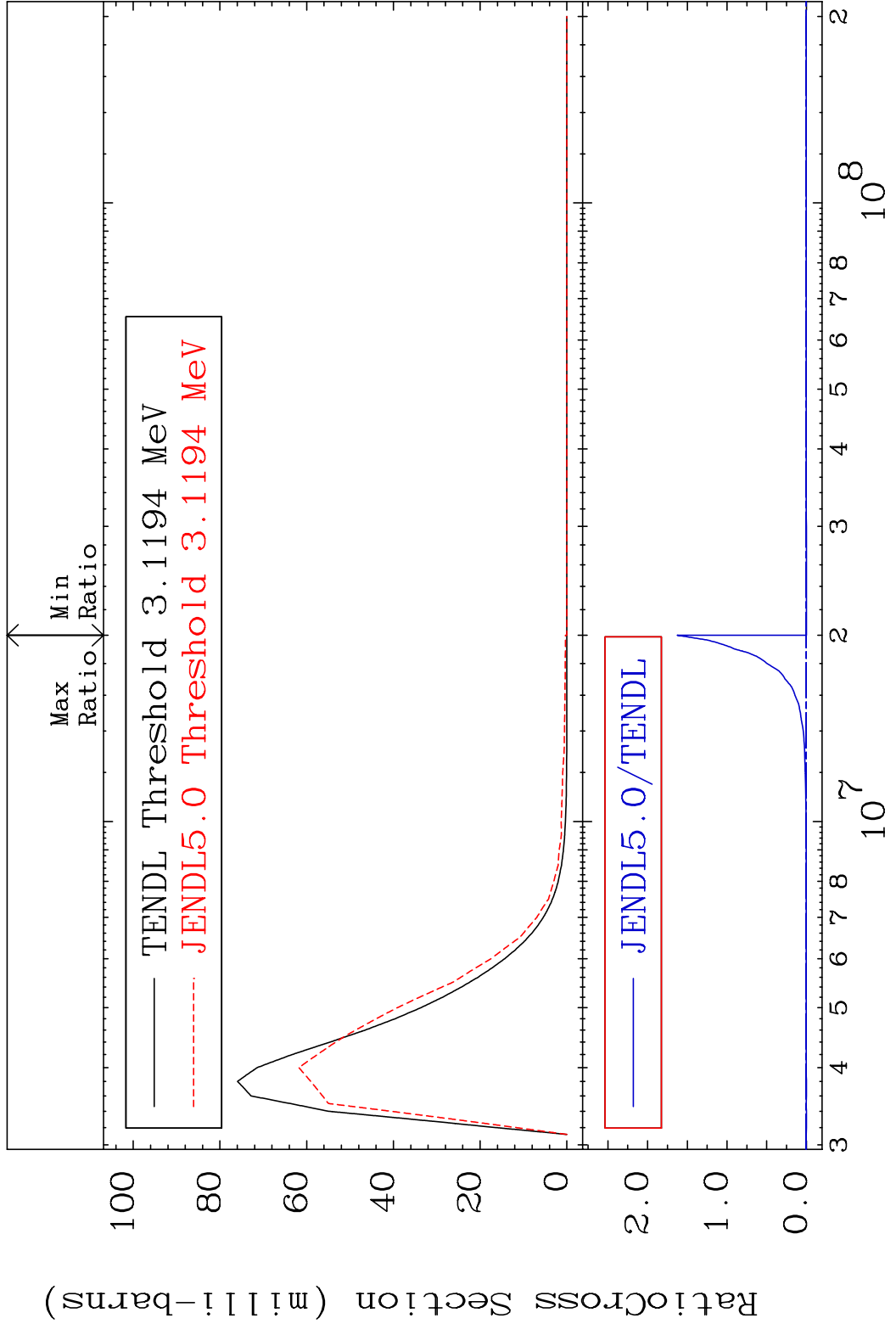
MAT 3643 MT= 62 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 91.85 %



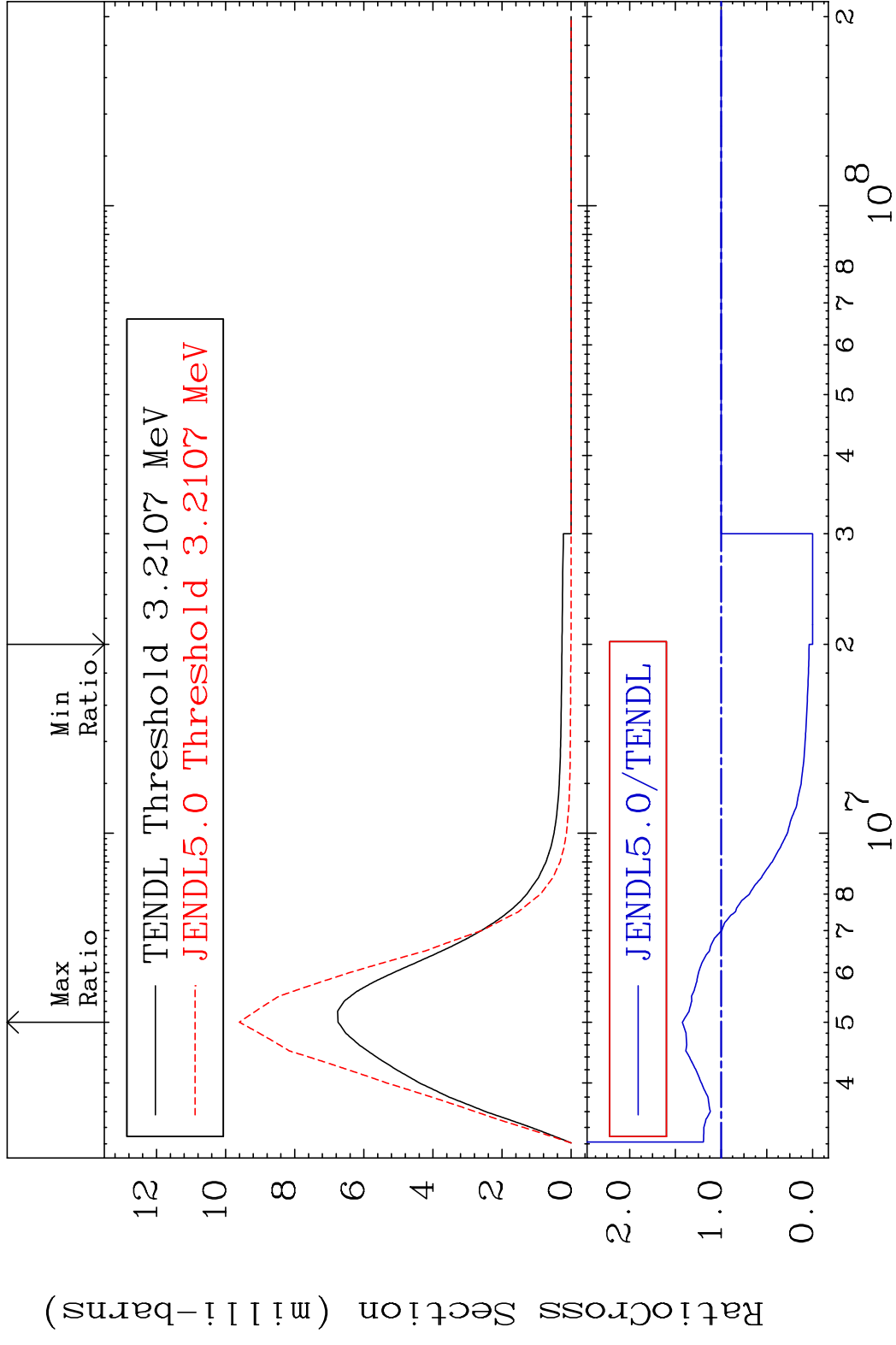
MAT 3643 MT= 63 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 9999. %



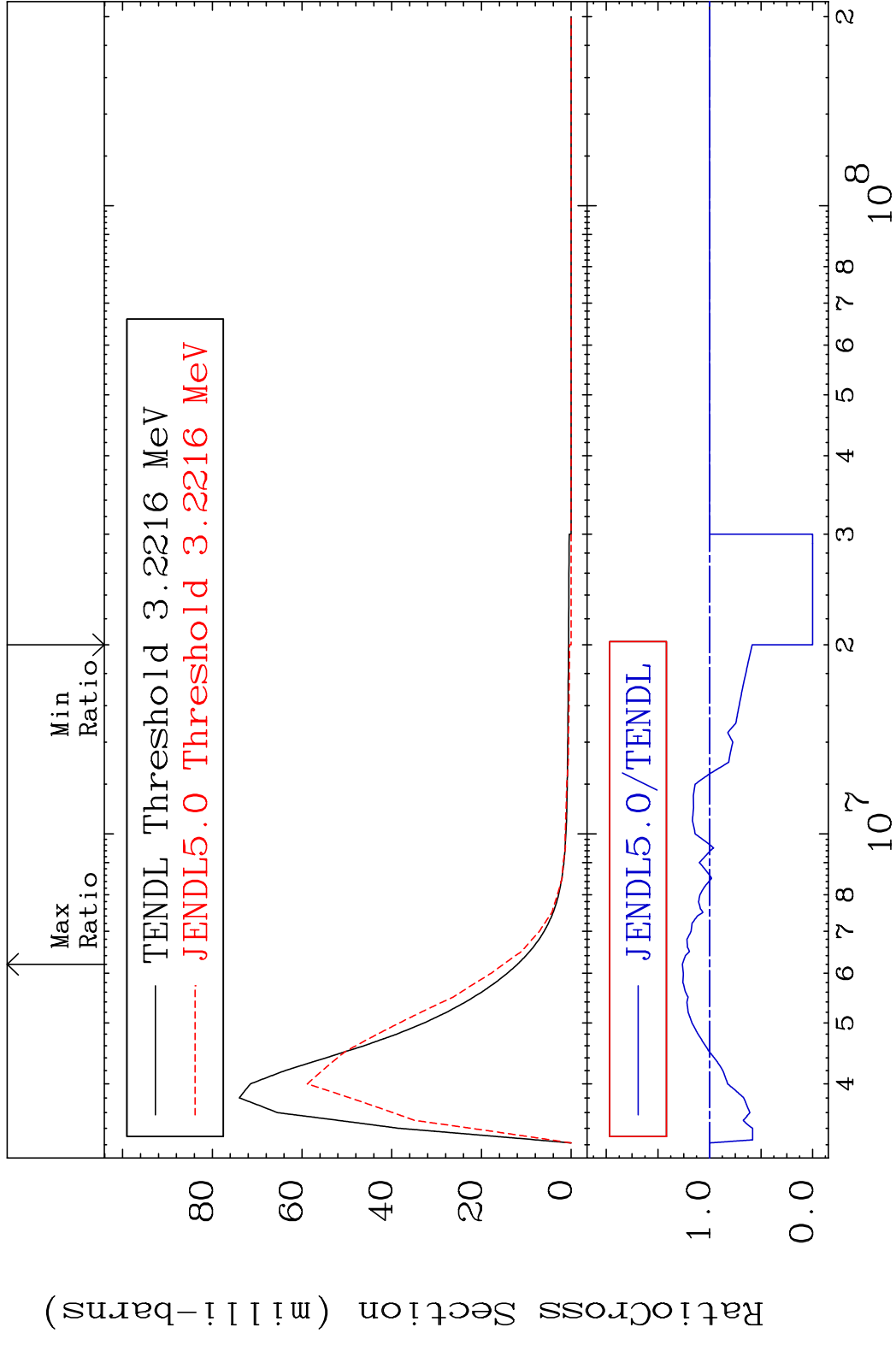
MAT 3643 MT= 64 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 9999. %



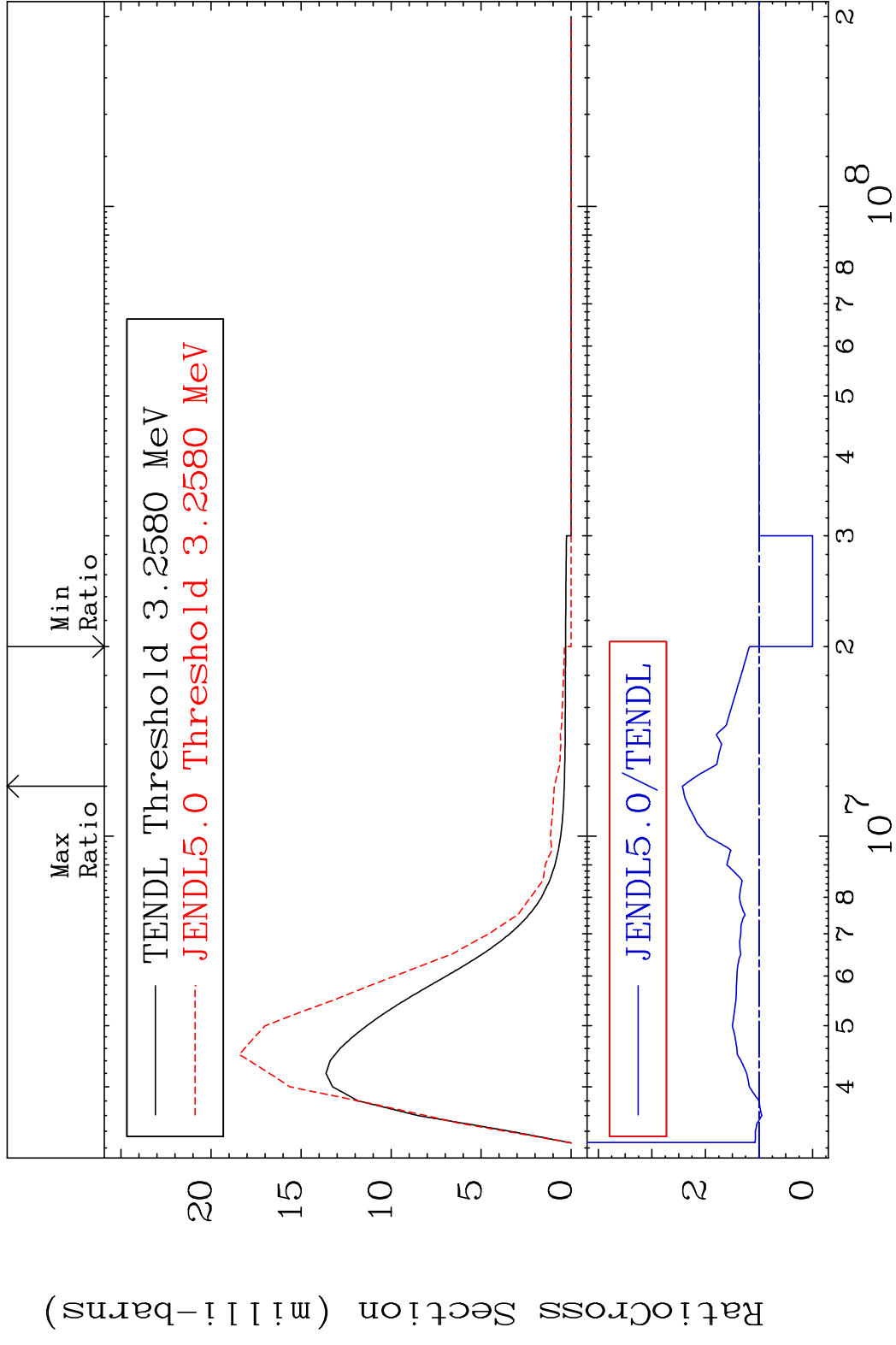
MAT 3643 MT= 65 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 42.41 %



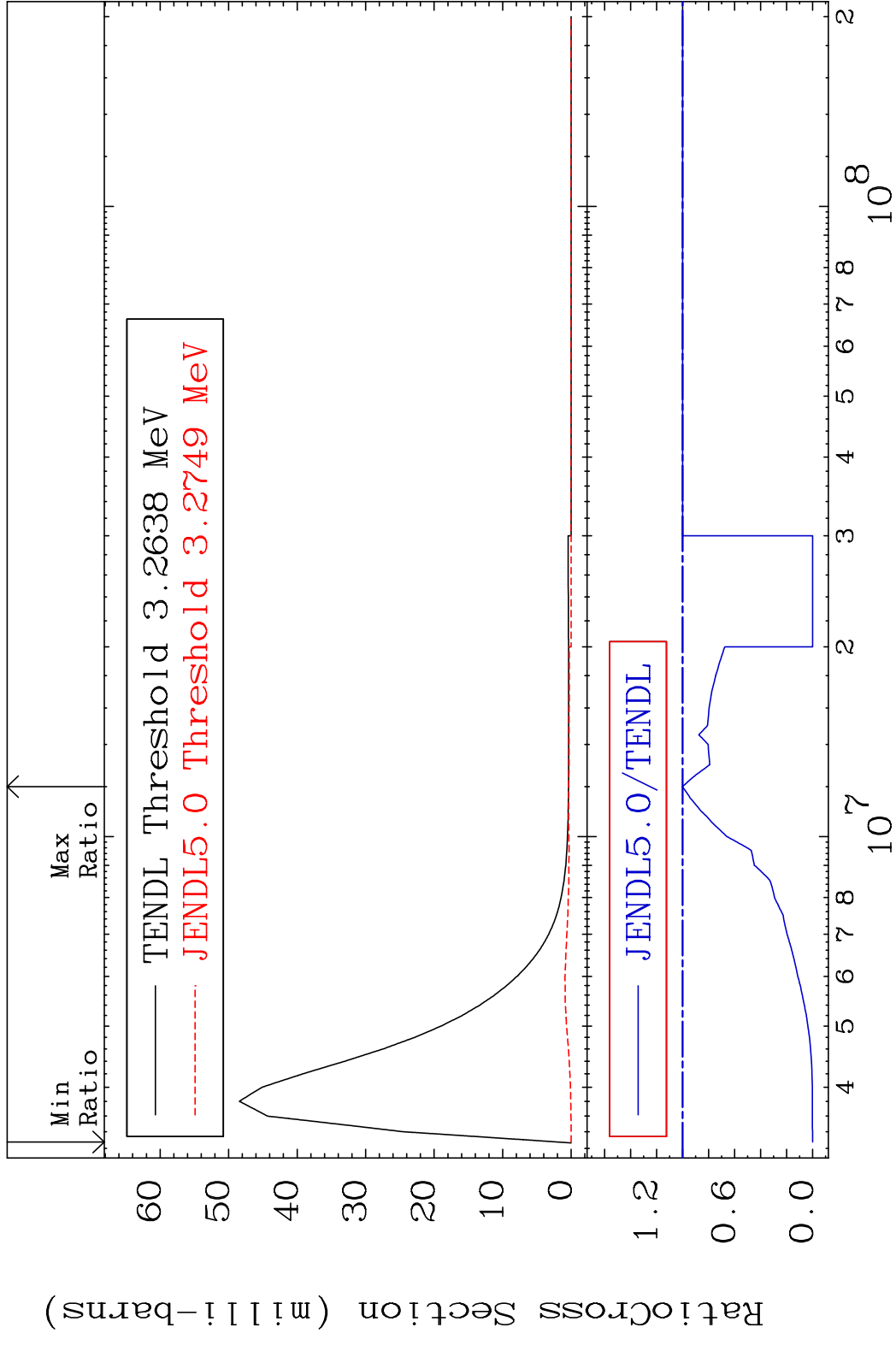
MAT 3643 MT= 66 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 26.26 %



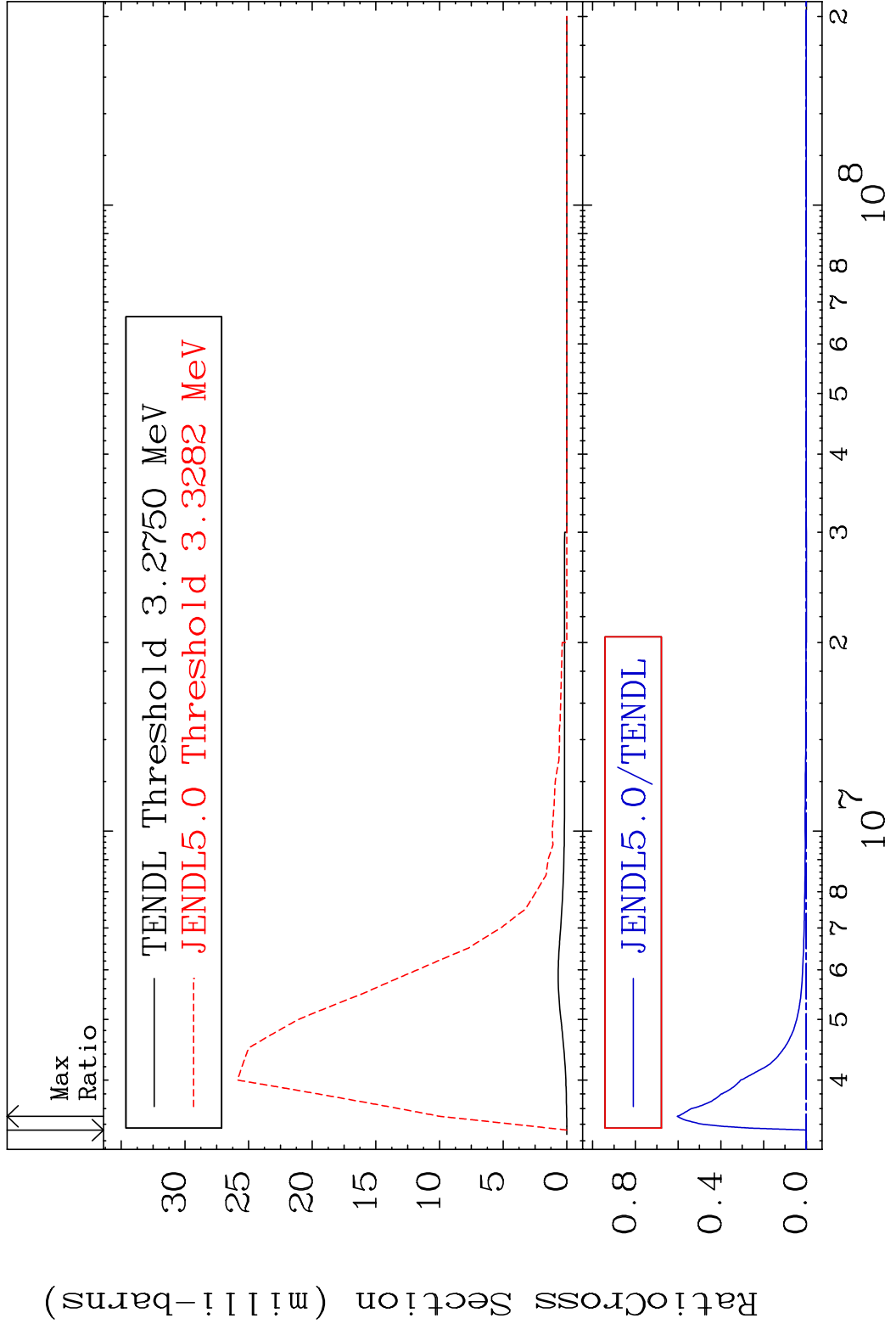
MAT 3643 MT= 67 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 143.2 %



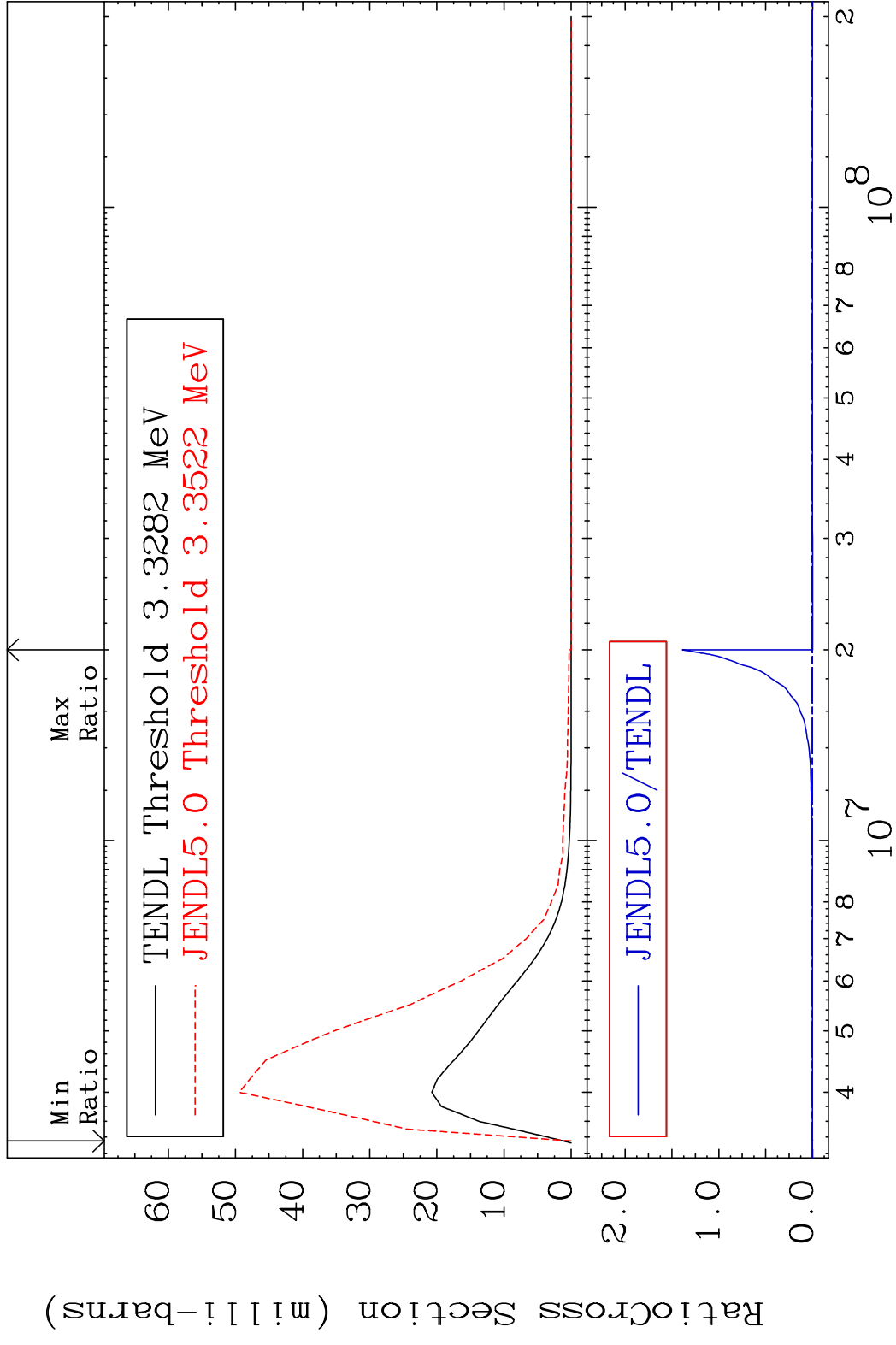
MAT 3643 MT= 68 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 0.167 %



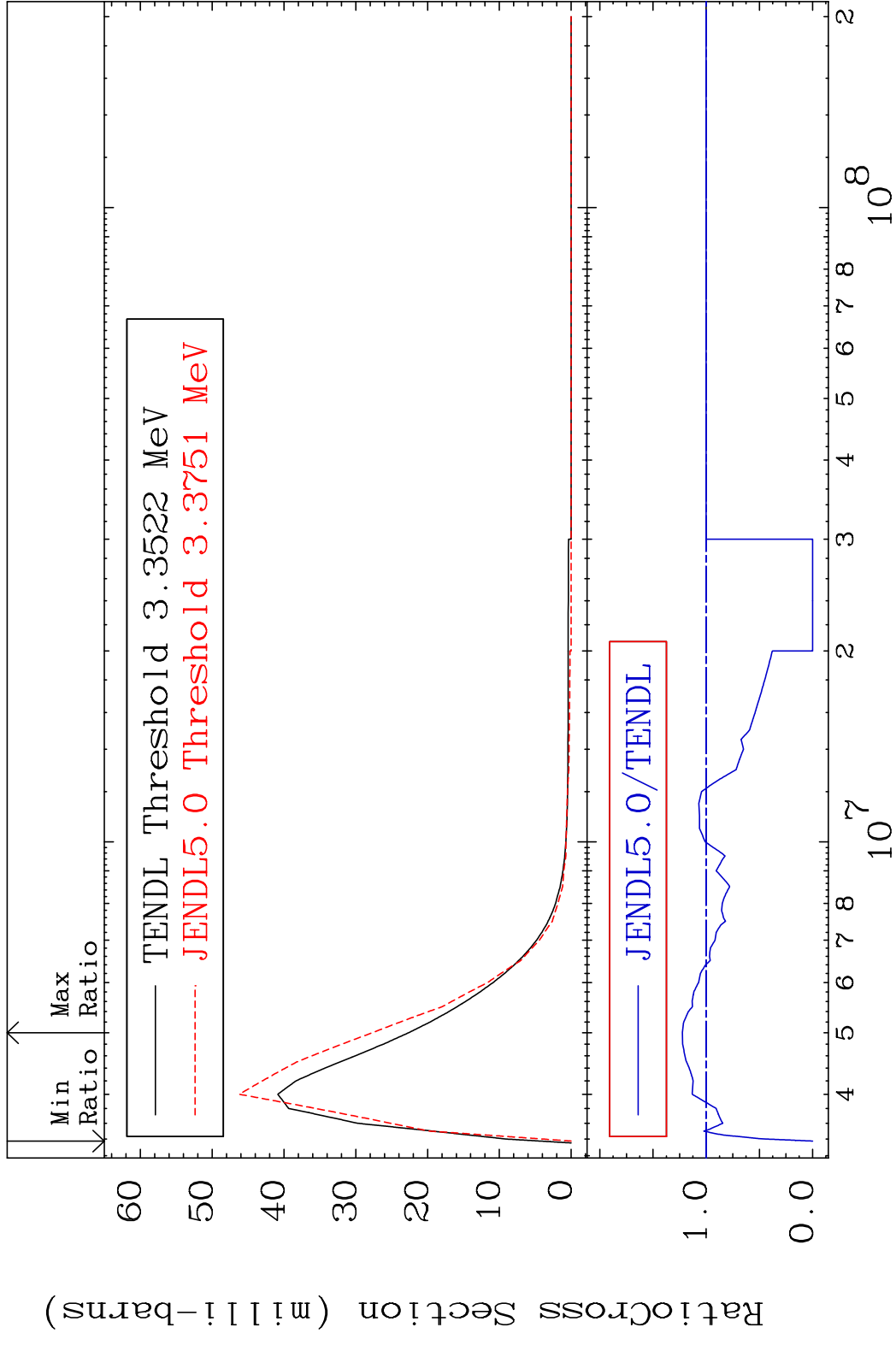
MAT 3643 MT= 69 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 9999. %



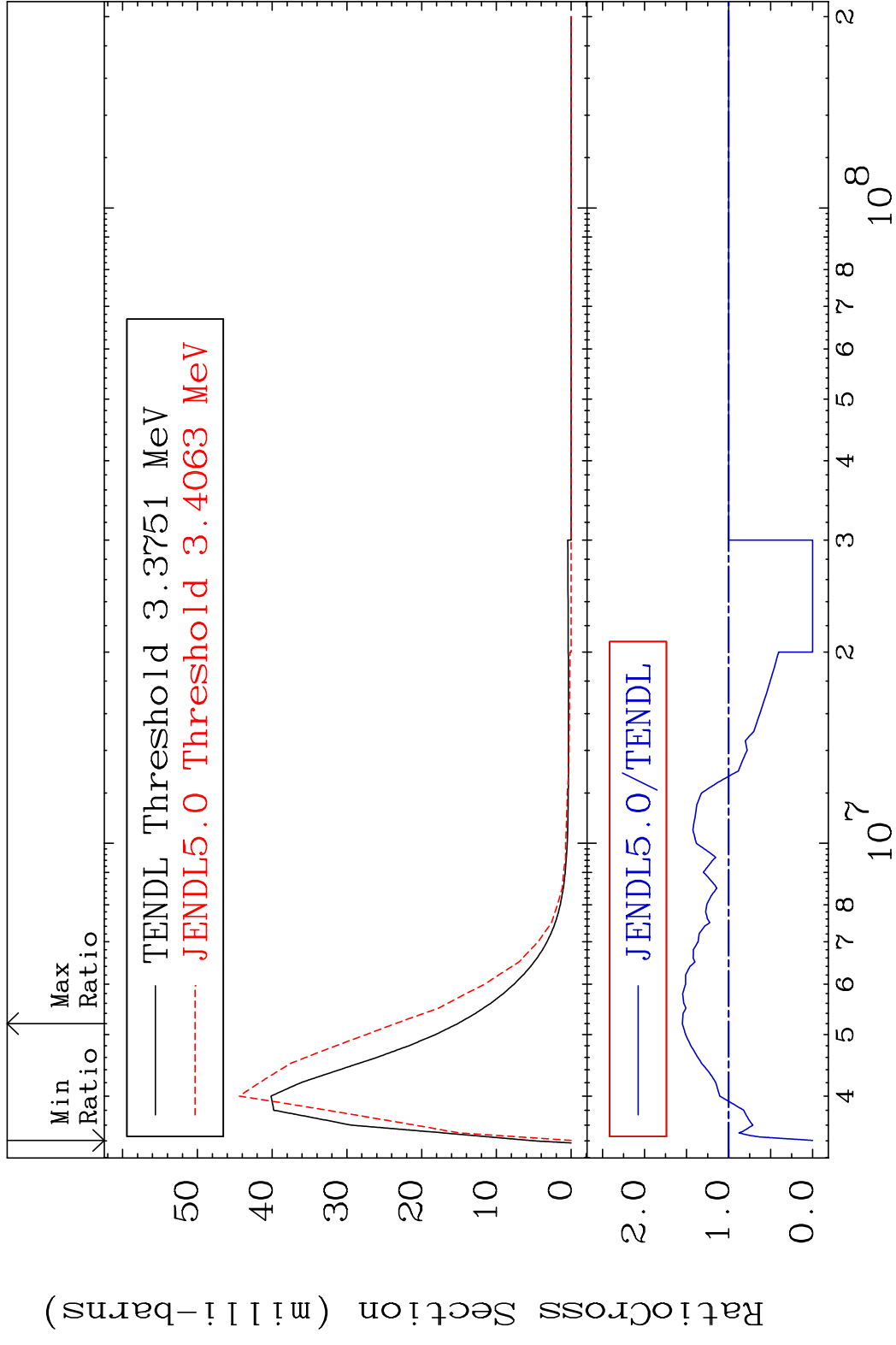
MAT 3643 MT= 70 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 9999. %



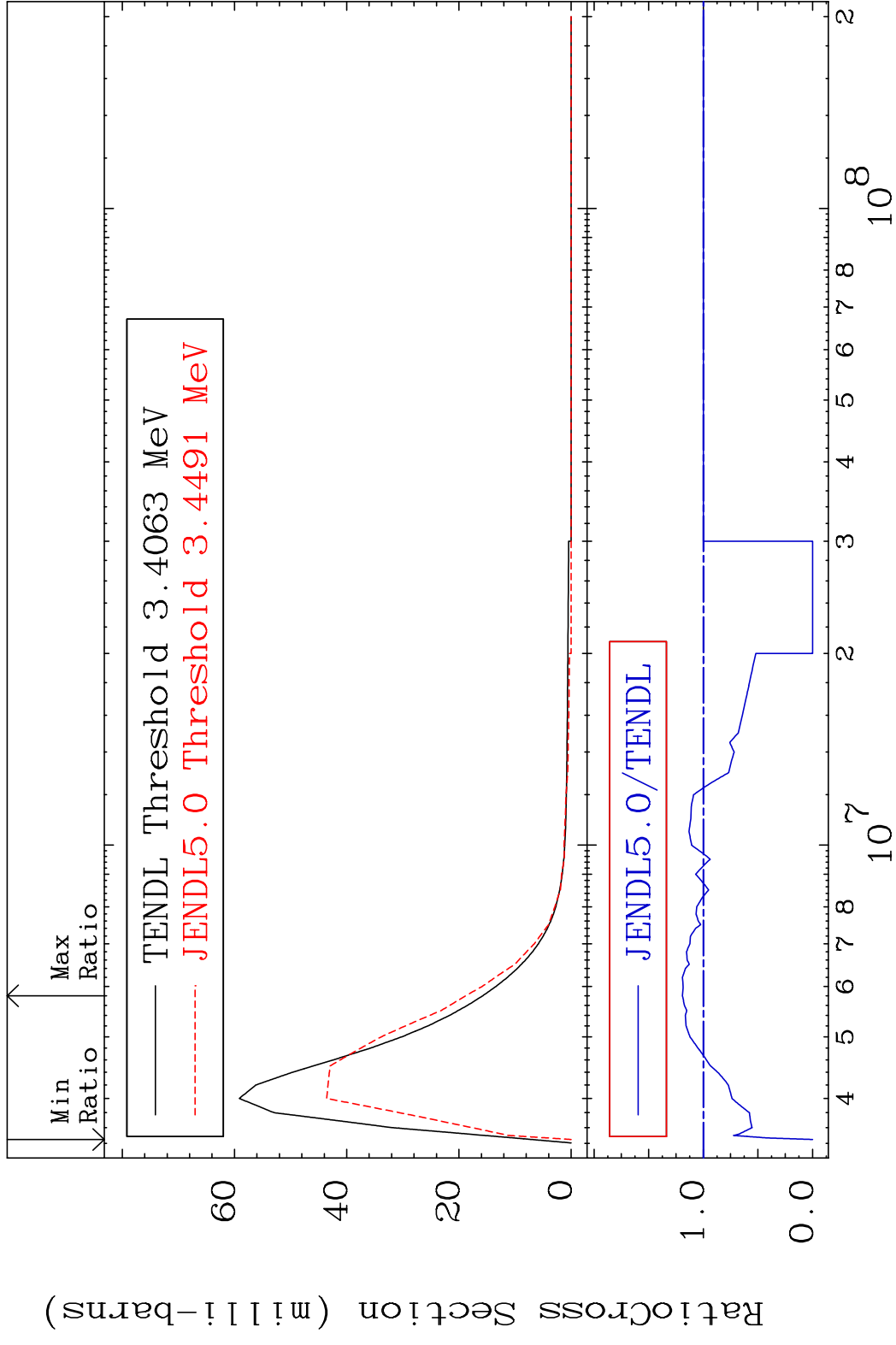
MAT 3643 MT= 71 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 22.42 %



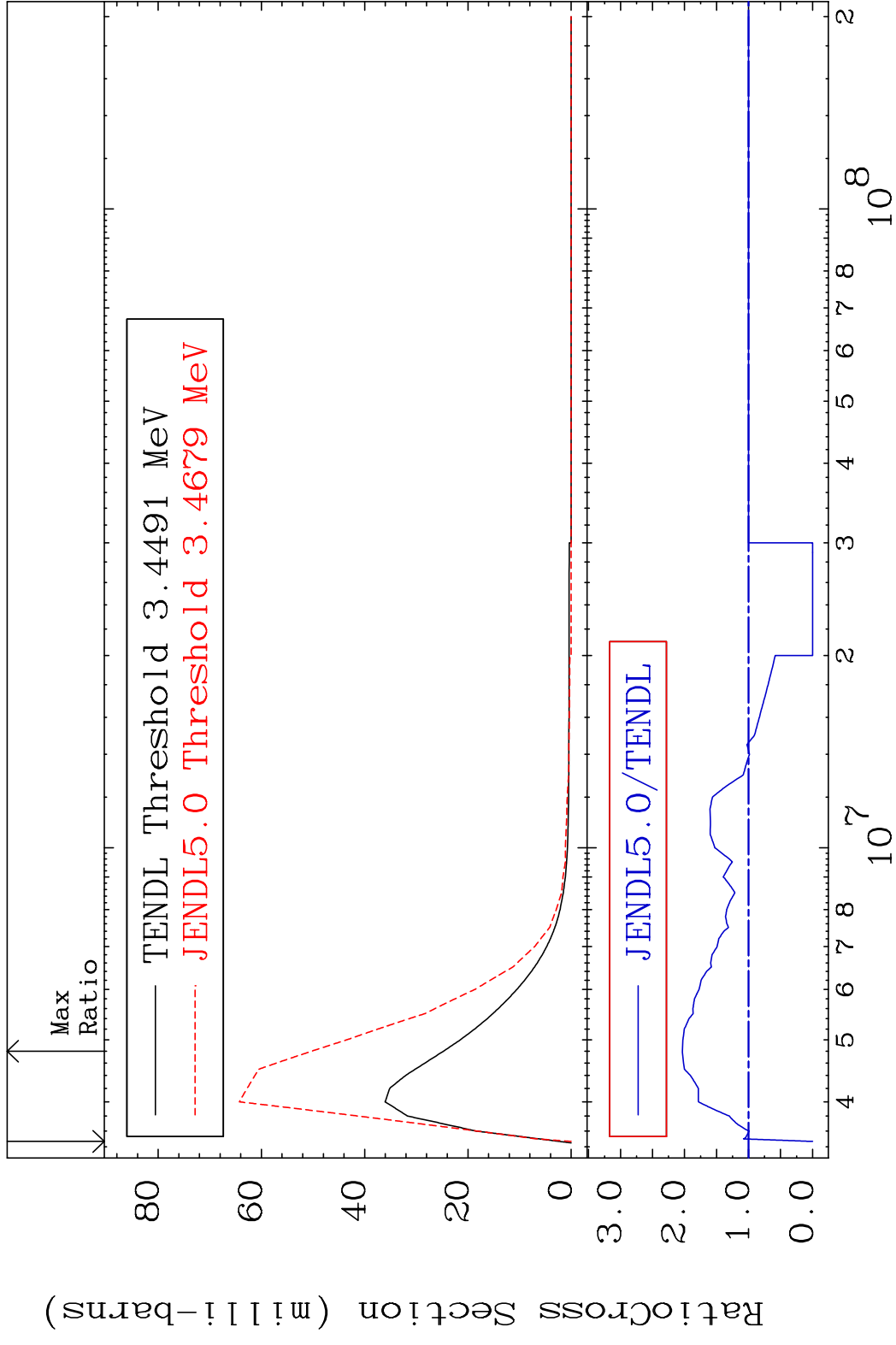
MAT 3643 MT= 72 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 55.07 %



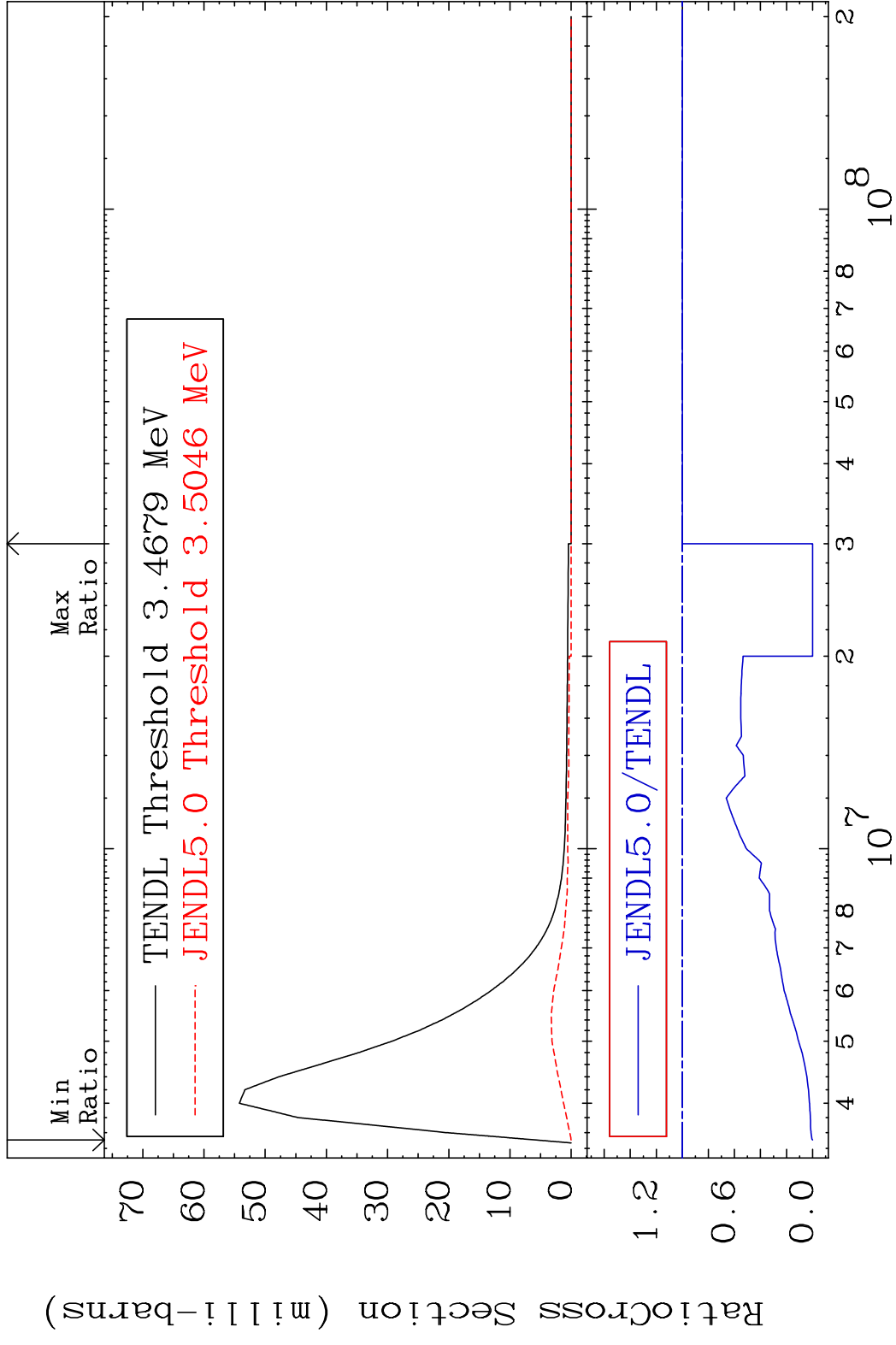
MAT 3643 MT= 73 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 19.17 %



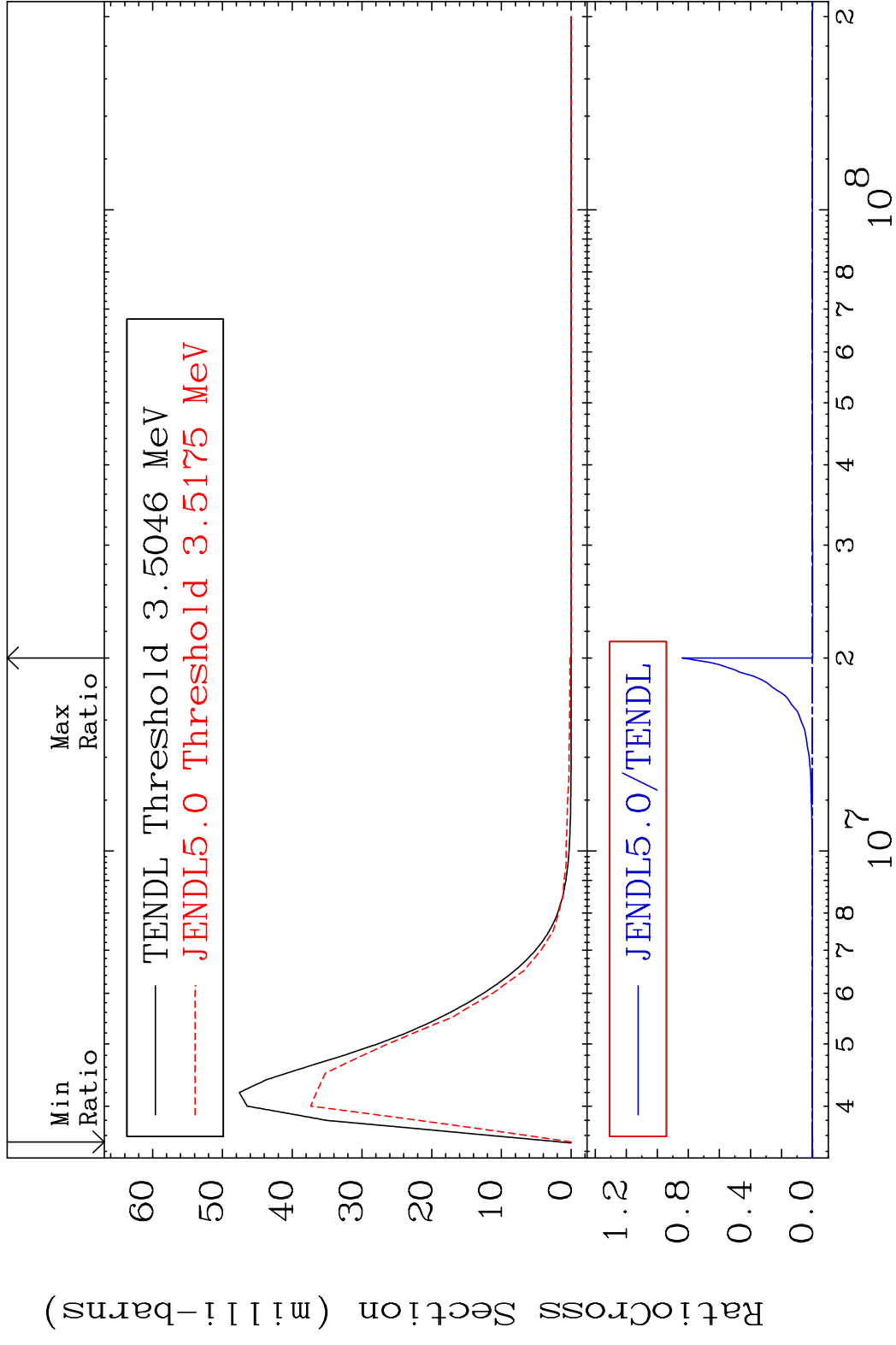
MAT 3643 MT= 74 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 103.4 %



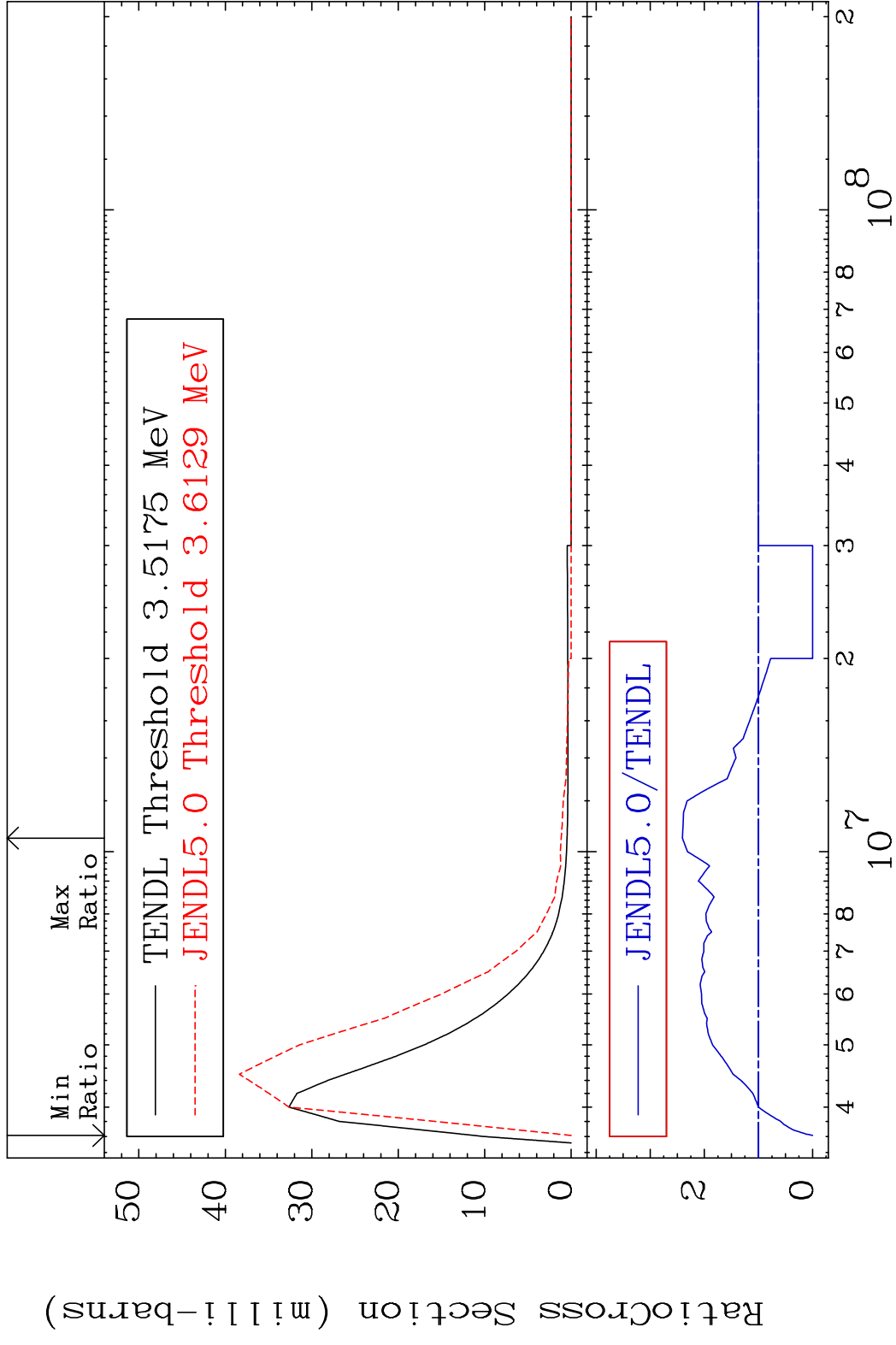
MAT 3643 MT= 75 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 0.000 %



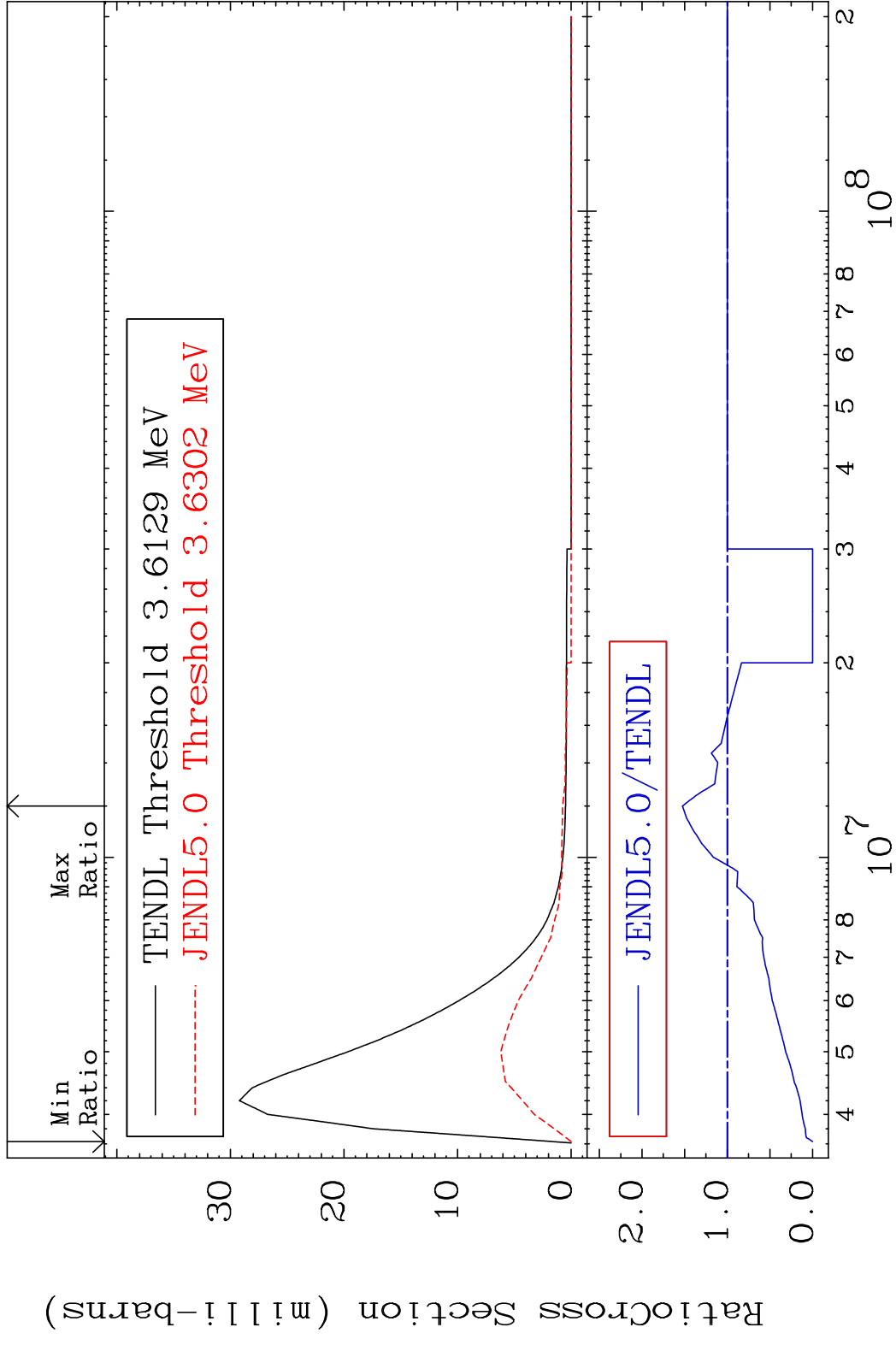
MAT 3643 MT= 76 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 9999. %



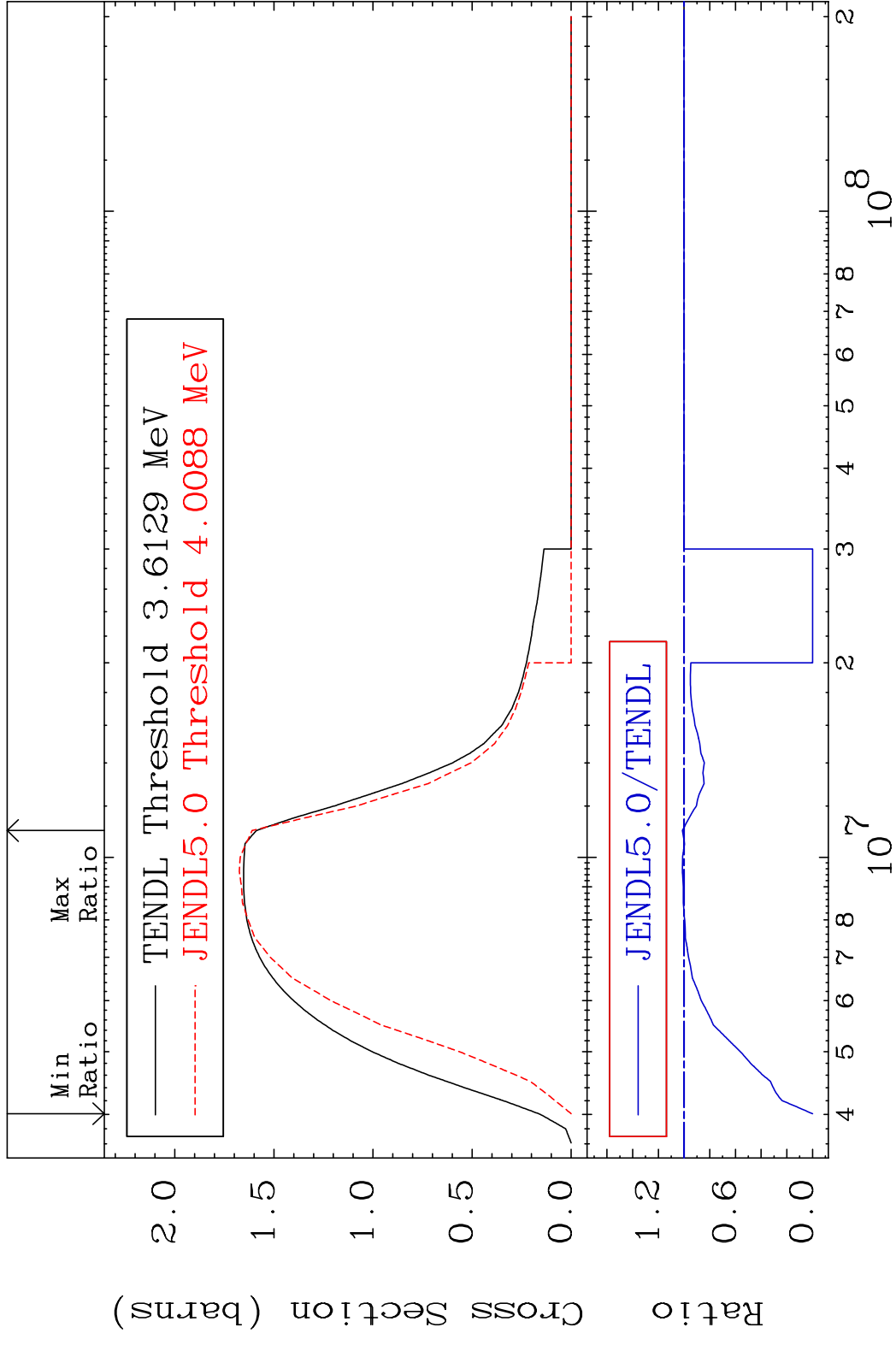
MAT 3643 MT= 77 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 140.6 %



MAT 3643 MT= 78 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 52.70 %



MAT 3643 (n,n') Continuum 36-Kr-84
 Cross Section -100.0 To 1.354 %

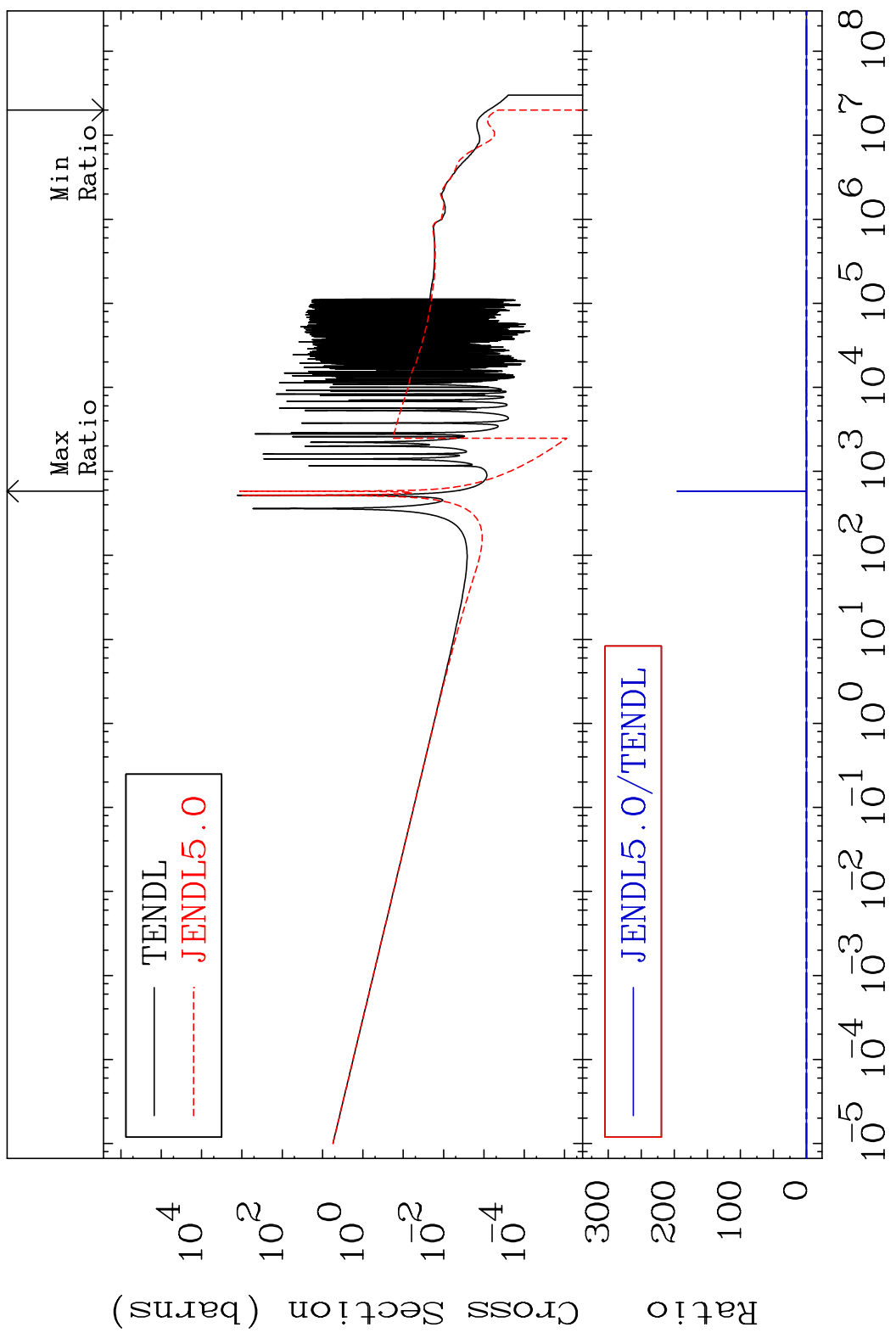


MAT 3643

(n, γ)

36-Kr-84

Cross Section -100.0 To 9999. %



38

Incident Energy (eV)

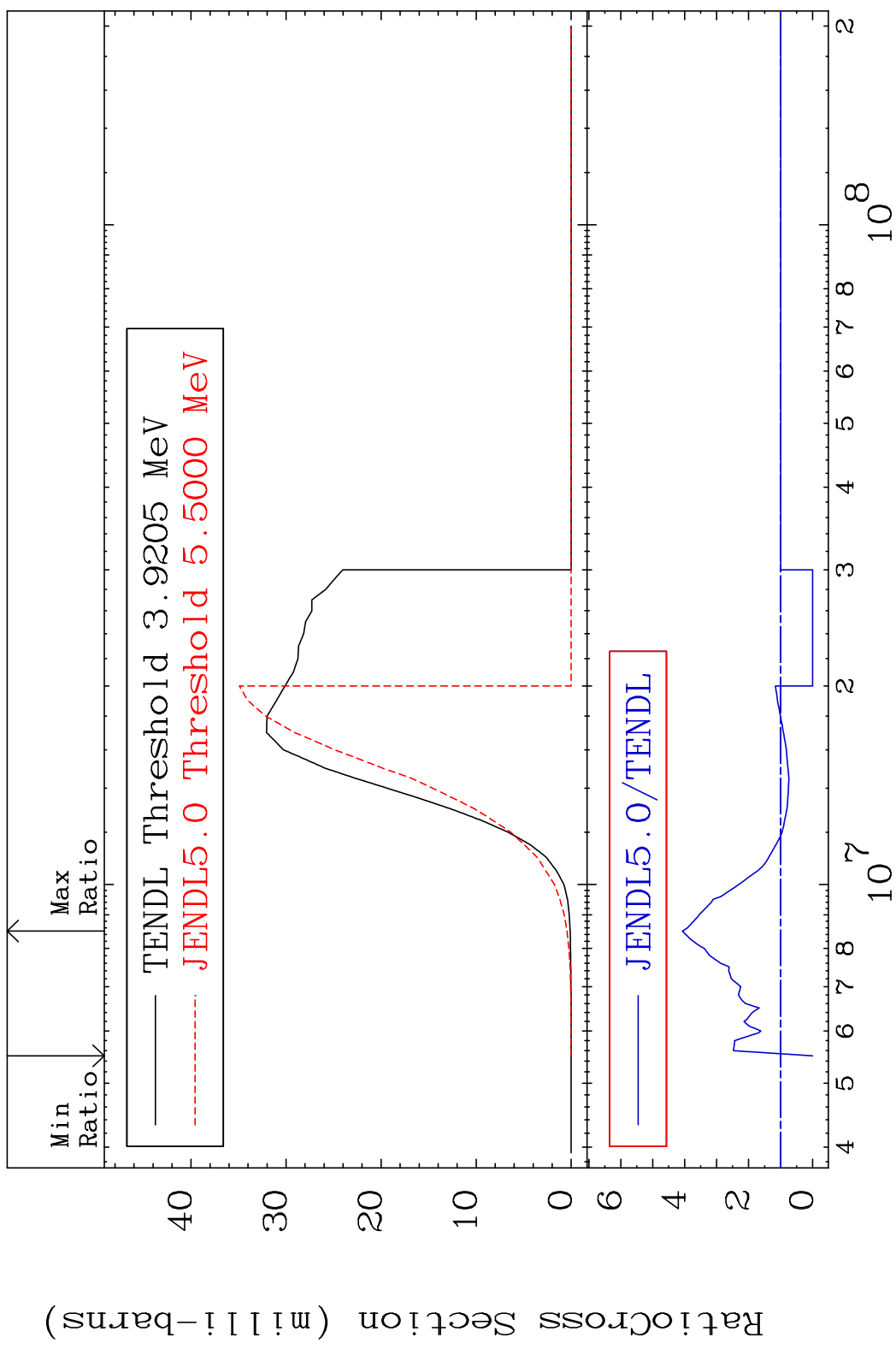
36-Kr-84

MAT 3643

(n,p)

36-Kr-84

Cross Section -100.0 To 307.3 %



39

Incident Energy (eV)

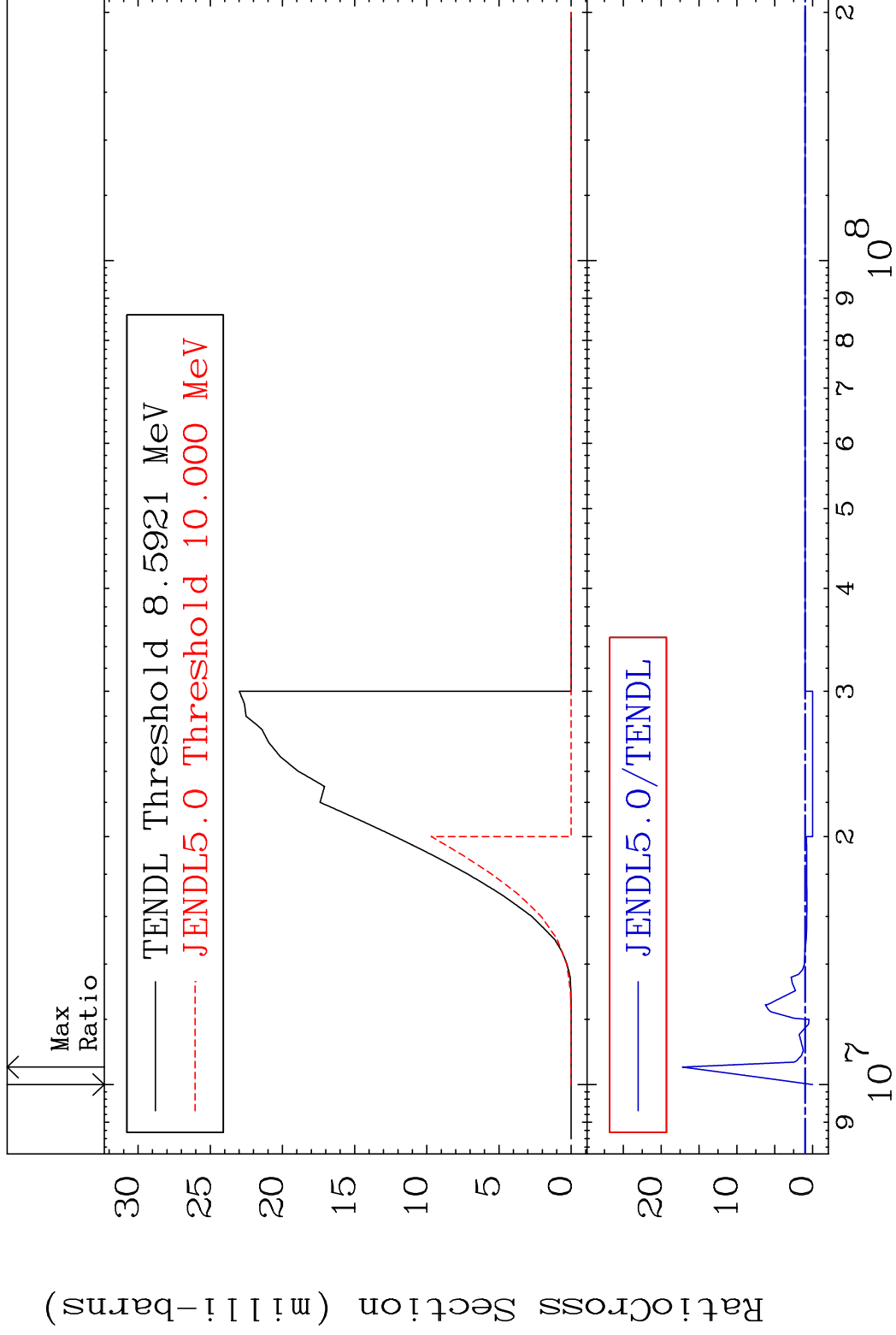
36-Kr-84

MAT 3643

(n, d)

36-Kr-84

Cross Section -100.0 To 1619. %

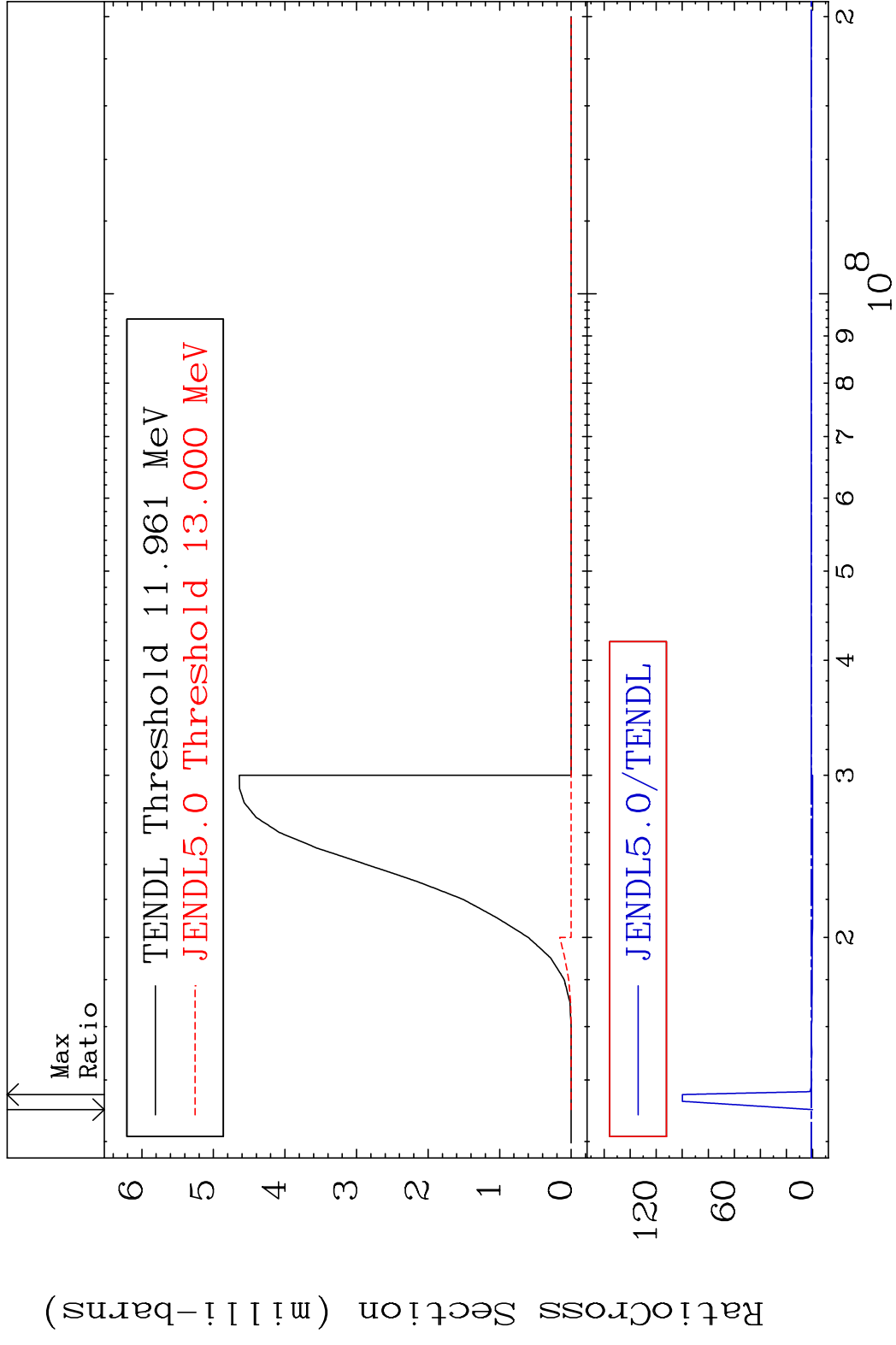


40

Incident Energy (eV)

36-Kr-84

MAT 3643 (n, t) 36-Kr-84
 Cross Section -100.0 To 9892. %

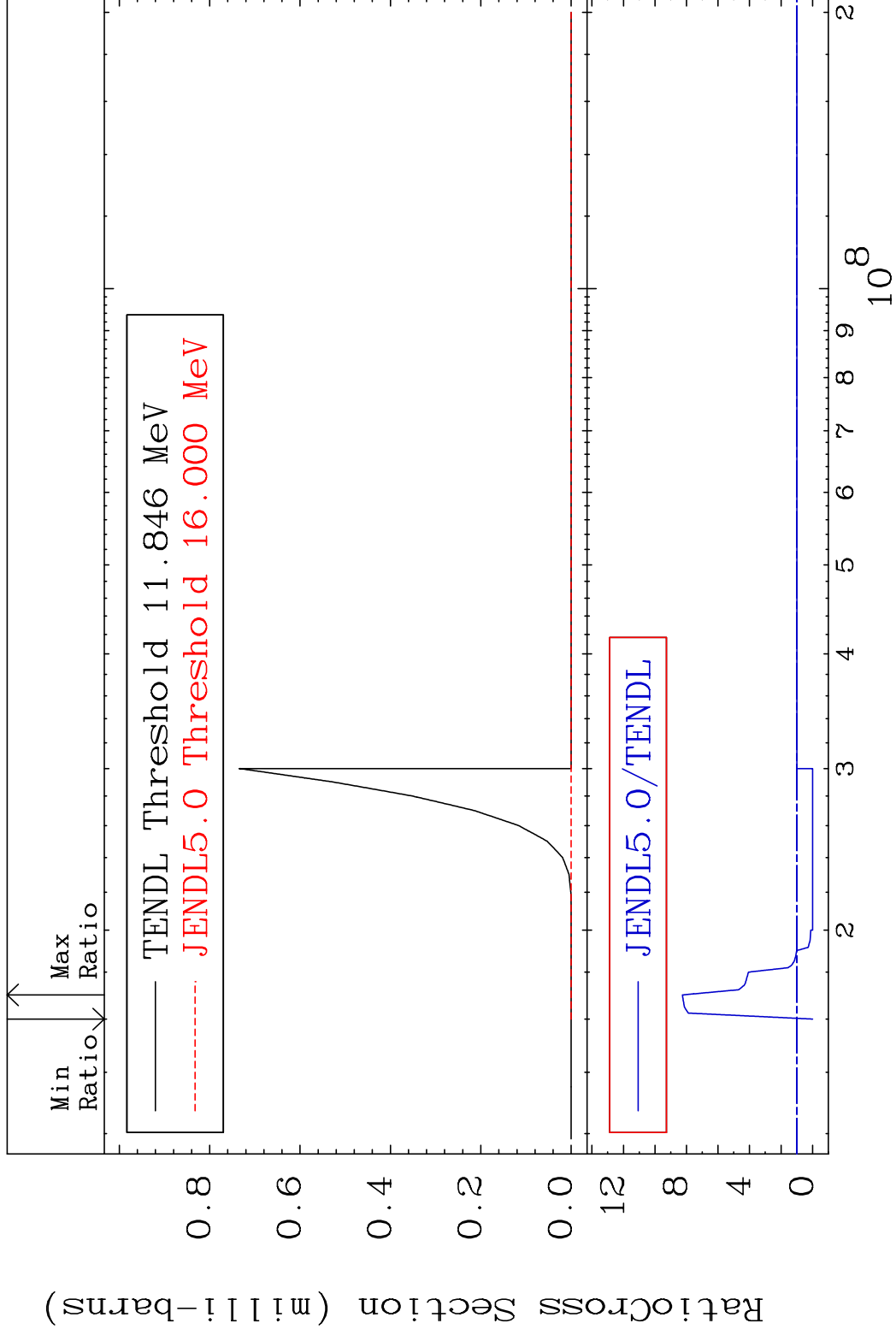


MAT 3643

(n, He-3)

36-Kr-84

Cross Section -100.0 To 726.2 %



42

Incident Energy (eV)

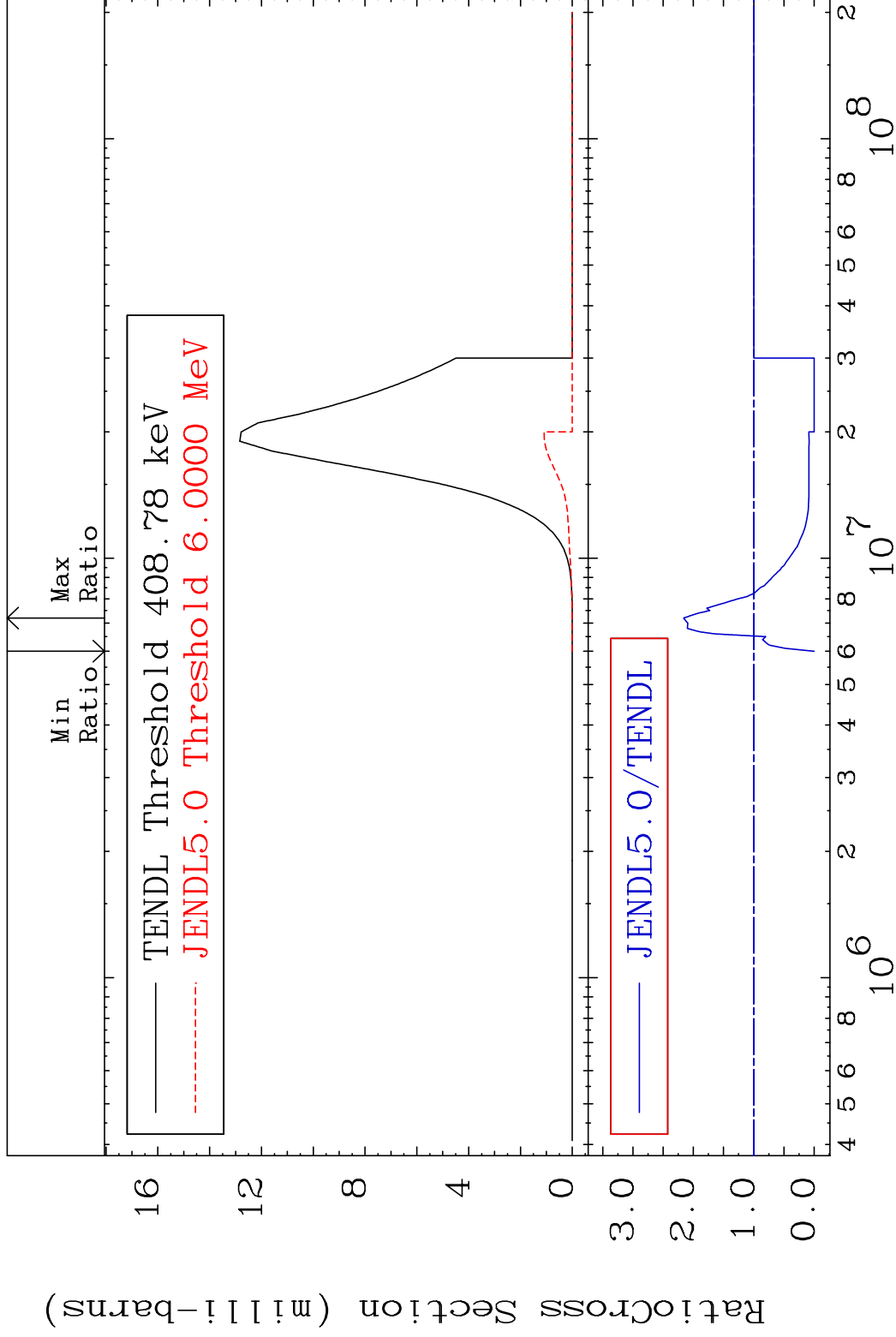
36-Kr-84

MAT 3643

(n, α)

36-Kr-84

Cross Section -100.0 To 116.1 %



43

Incident Energy (eV)

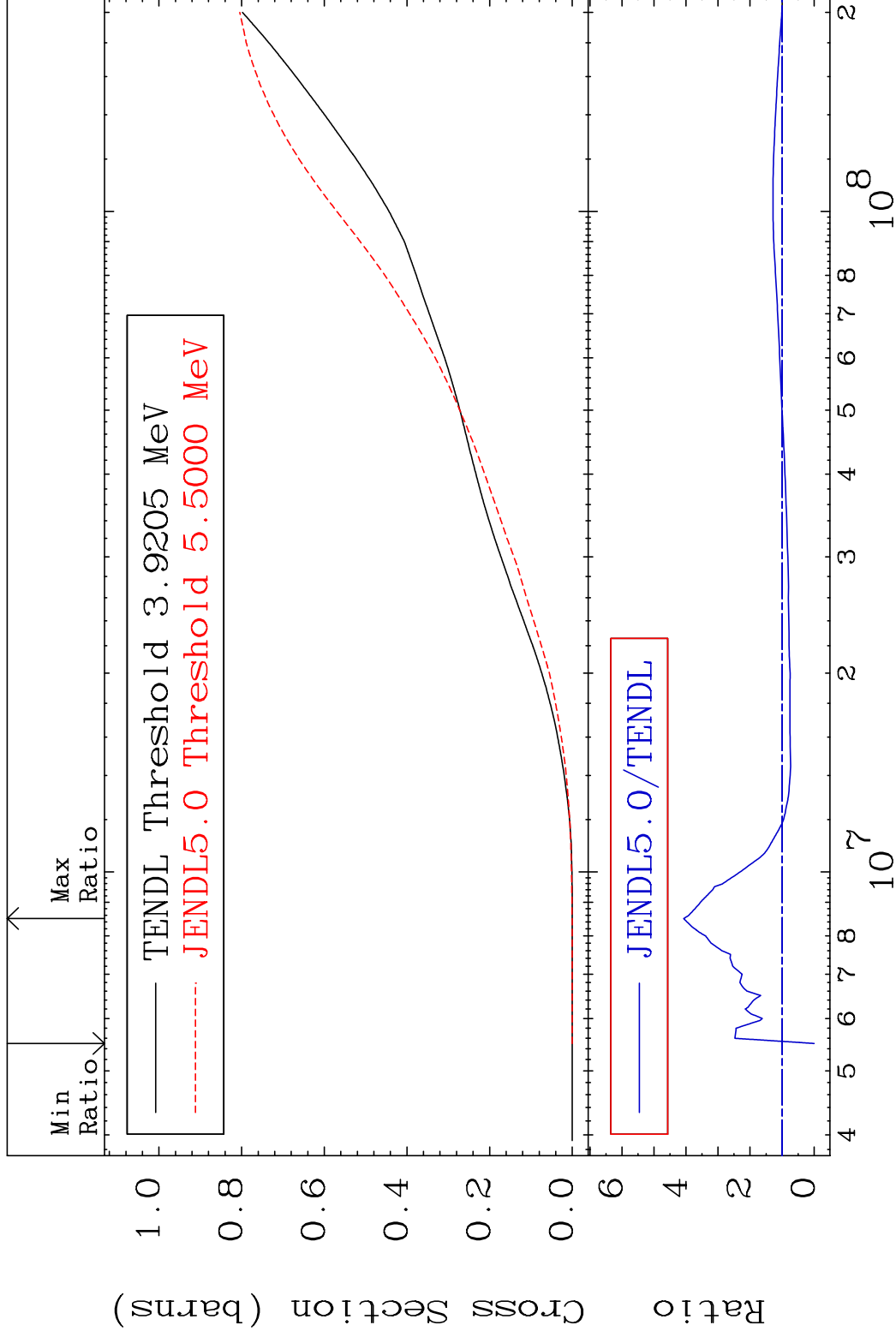
36-Kr-84

MAT 3643

Hydrogen Production

³⁶Kr-84

Cross Section -100.0 To 307.3 %

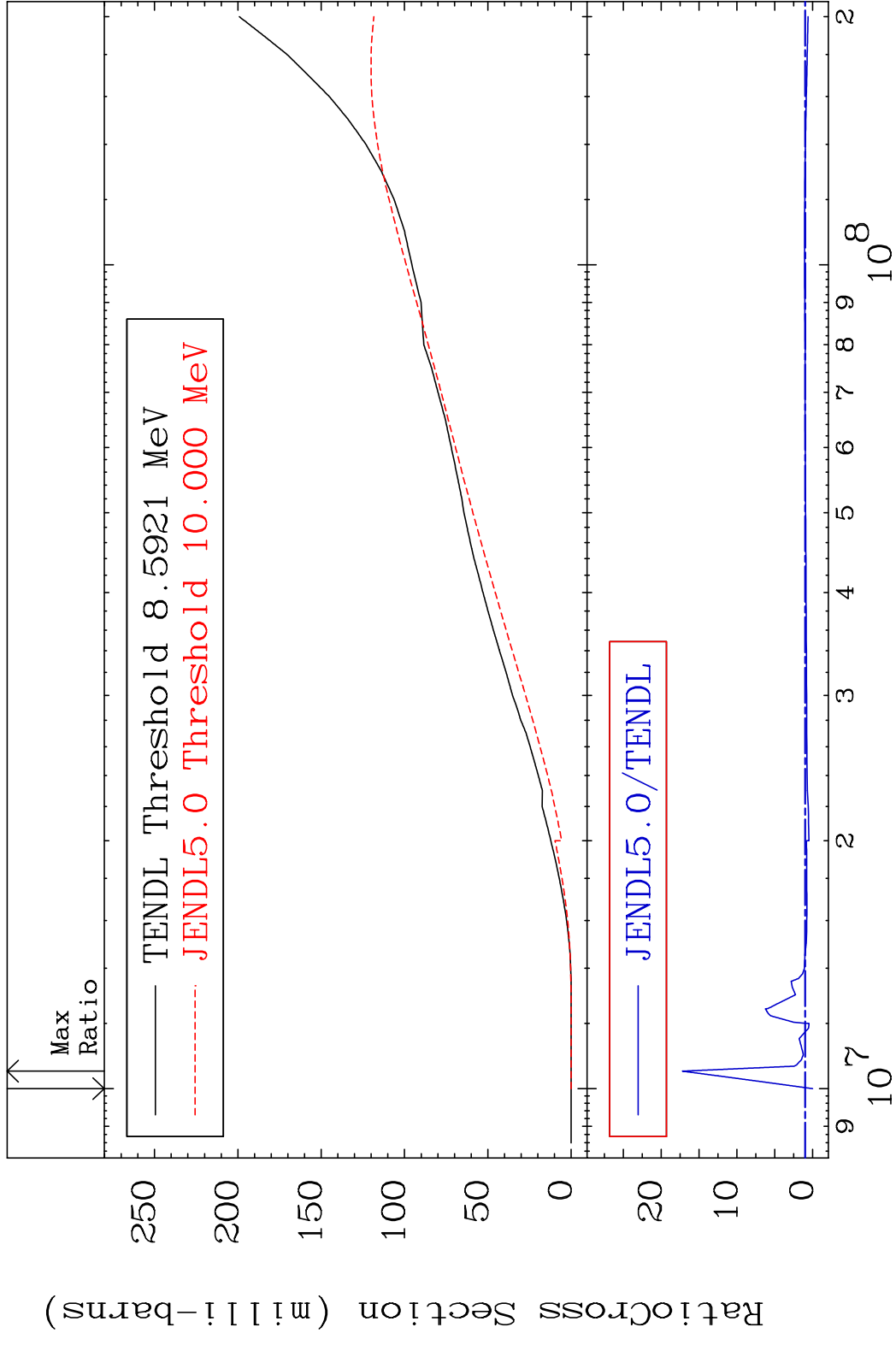


44

Incident Energy (eV)

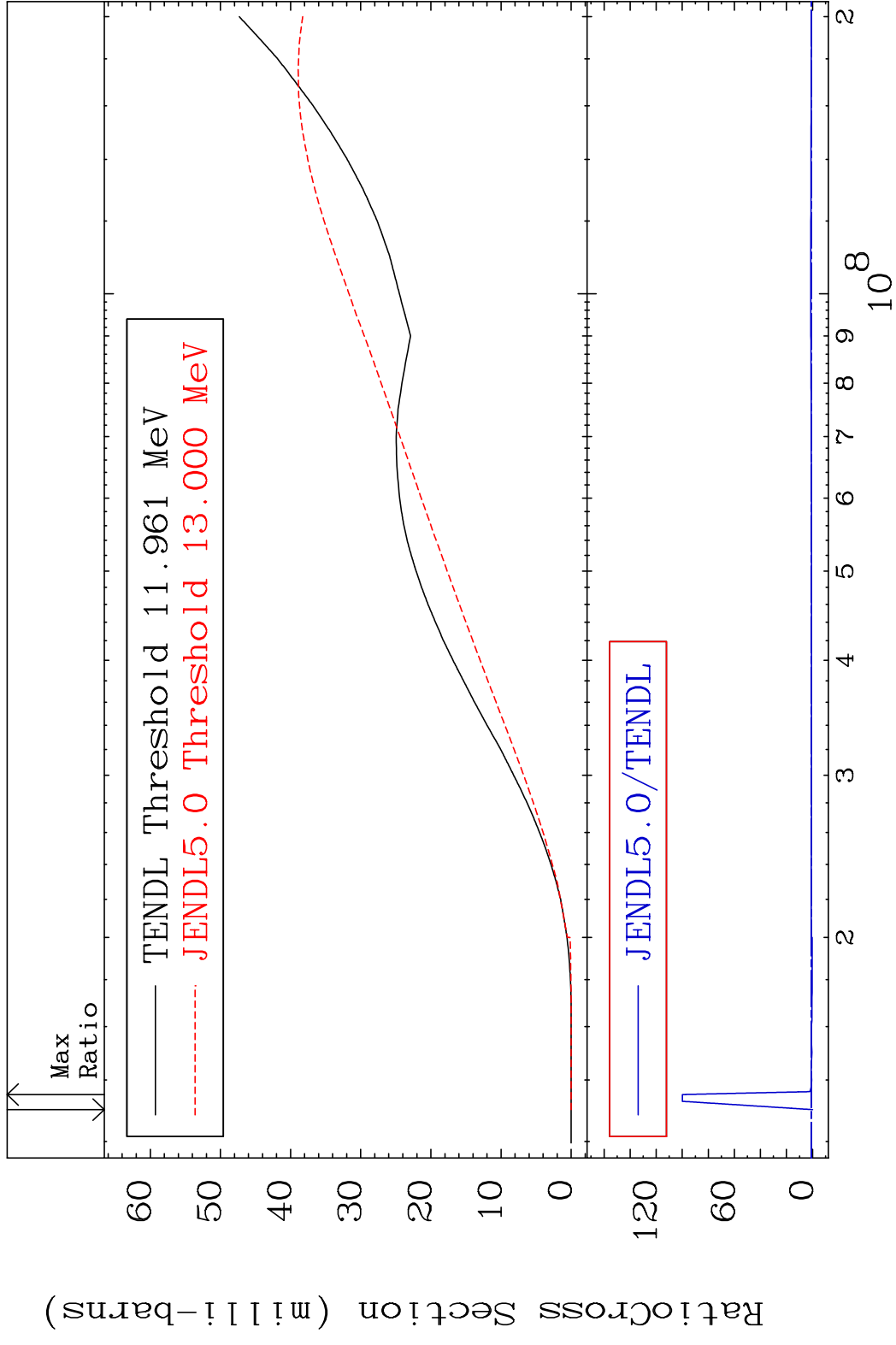
³⁶Kr-84

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. %

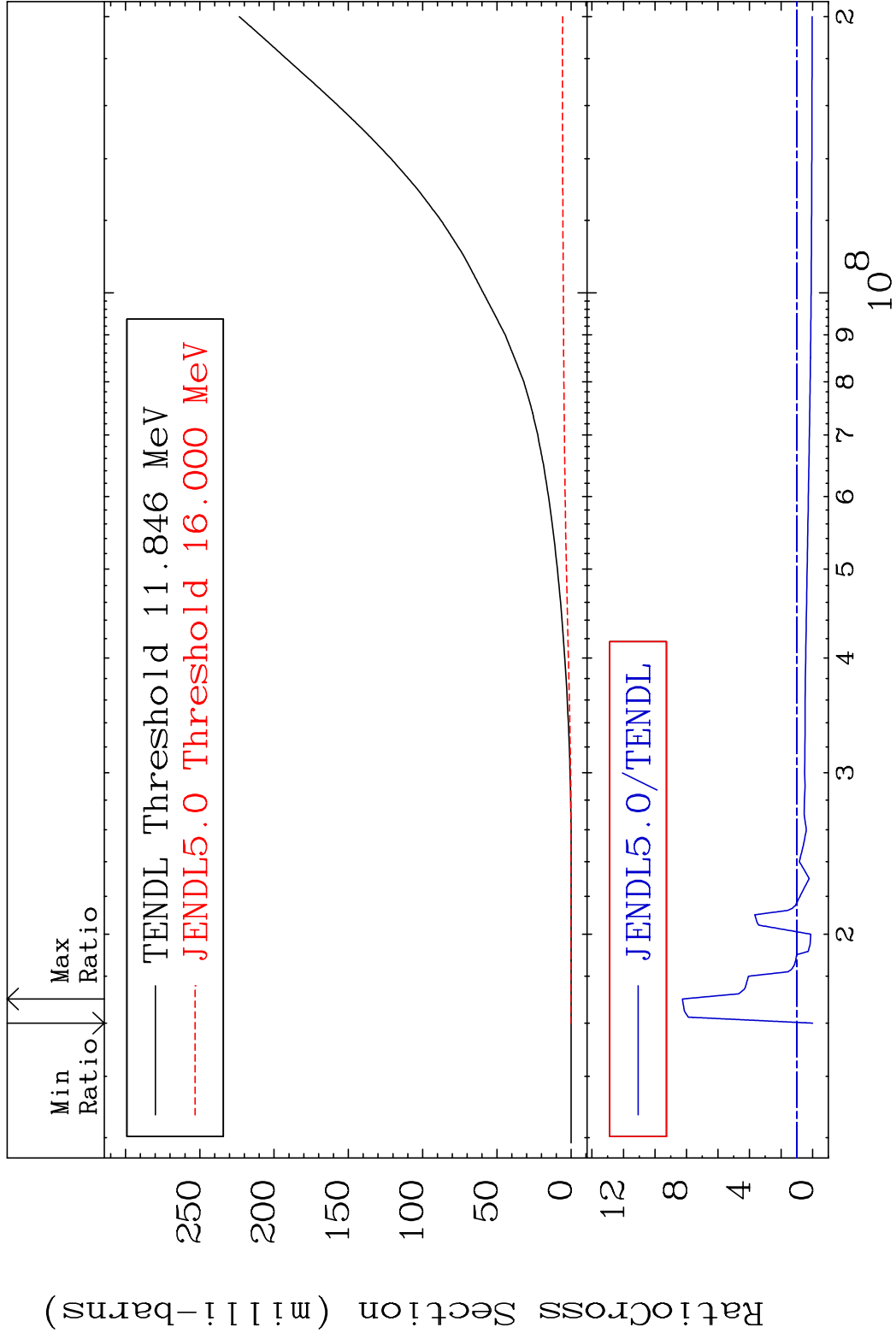


MAT 3643

He-3 Production

³⁶Kr-84

Cross Section -100.0 To 726.2 %



47

Incident Energy (eV)

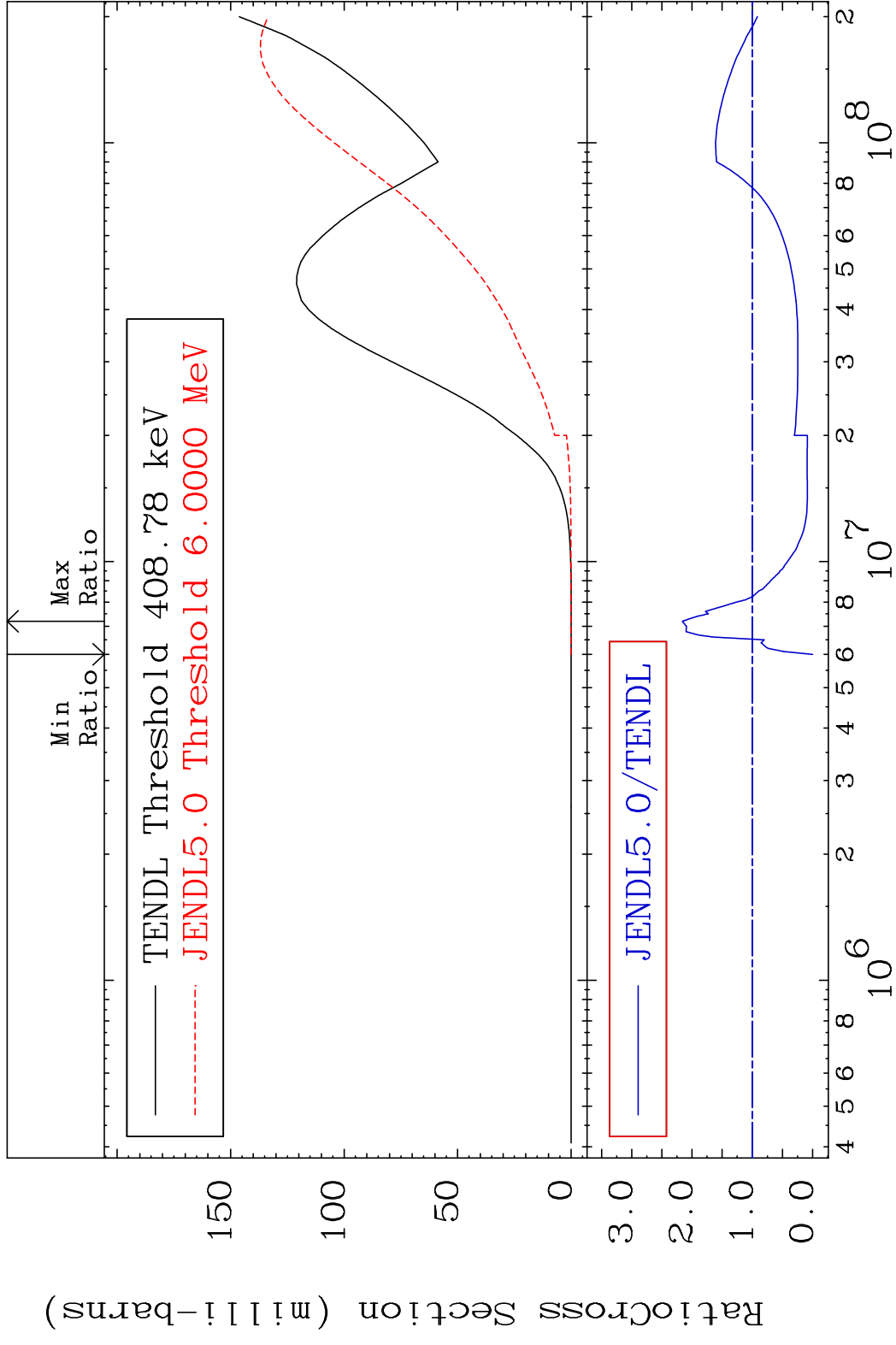
³⁶Kr-84

MAT 3643

He-4 Production

36-Kr-84

Cross Section -100.0 To 116.1 %

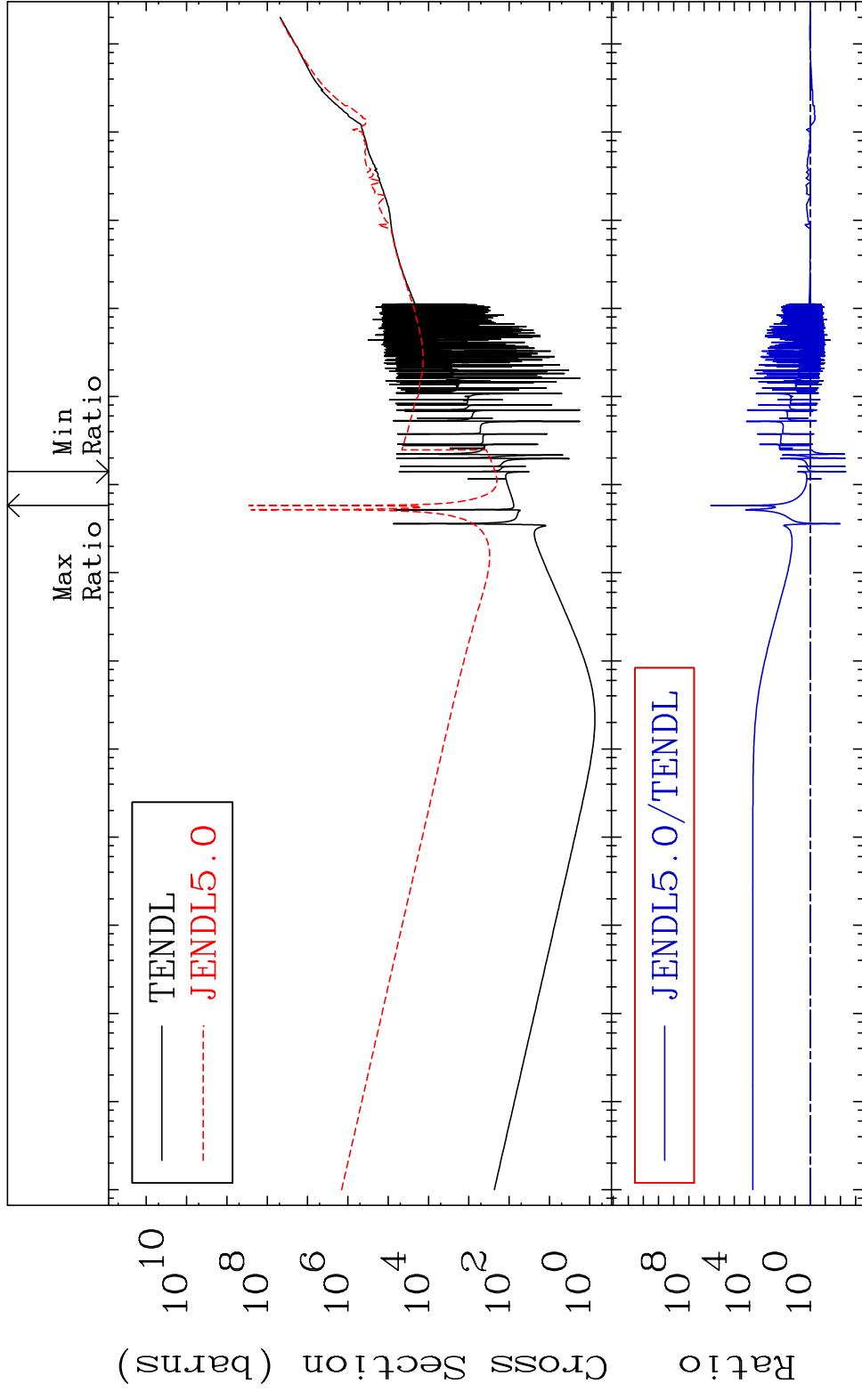


48

Incident Energy (eV)

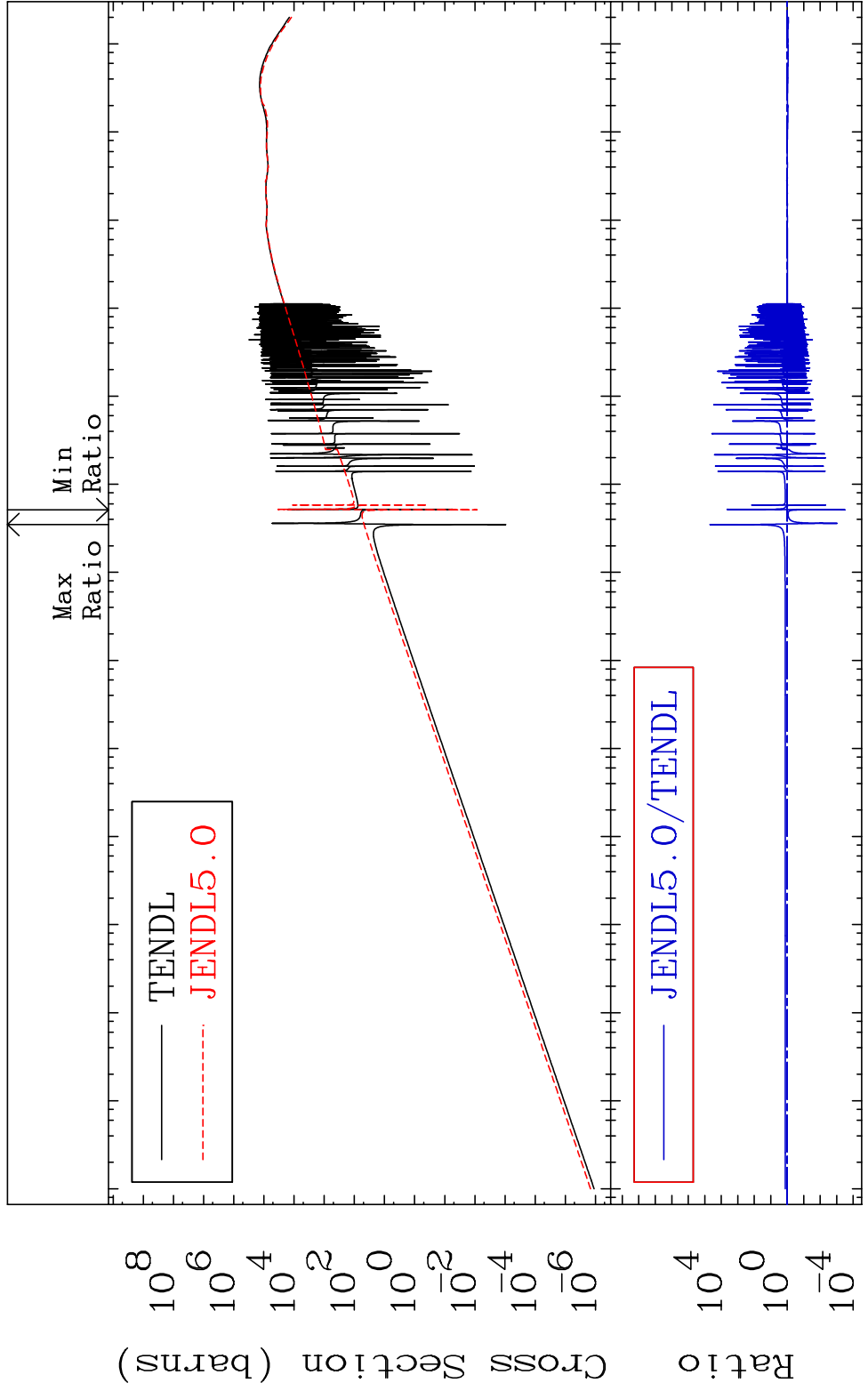
36-Kr-84

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

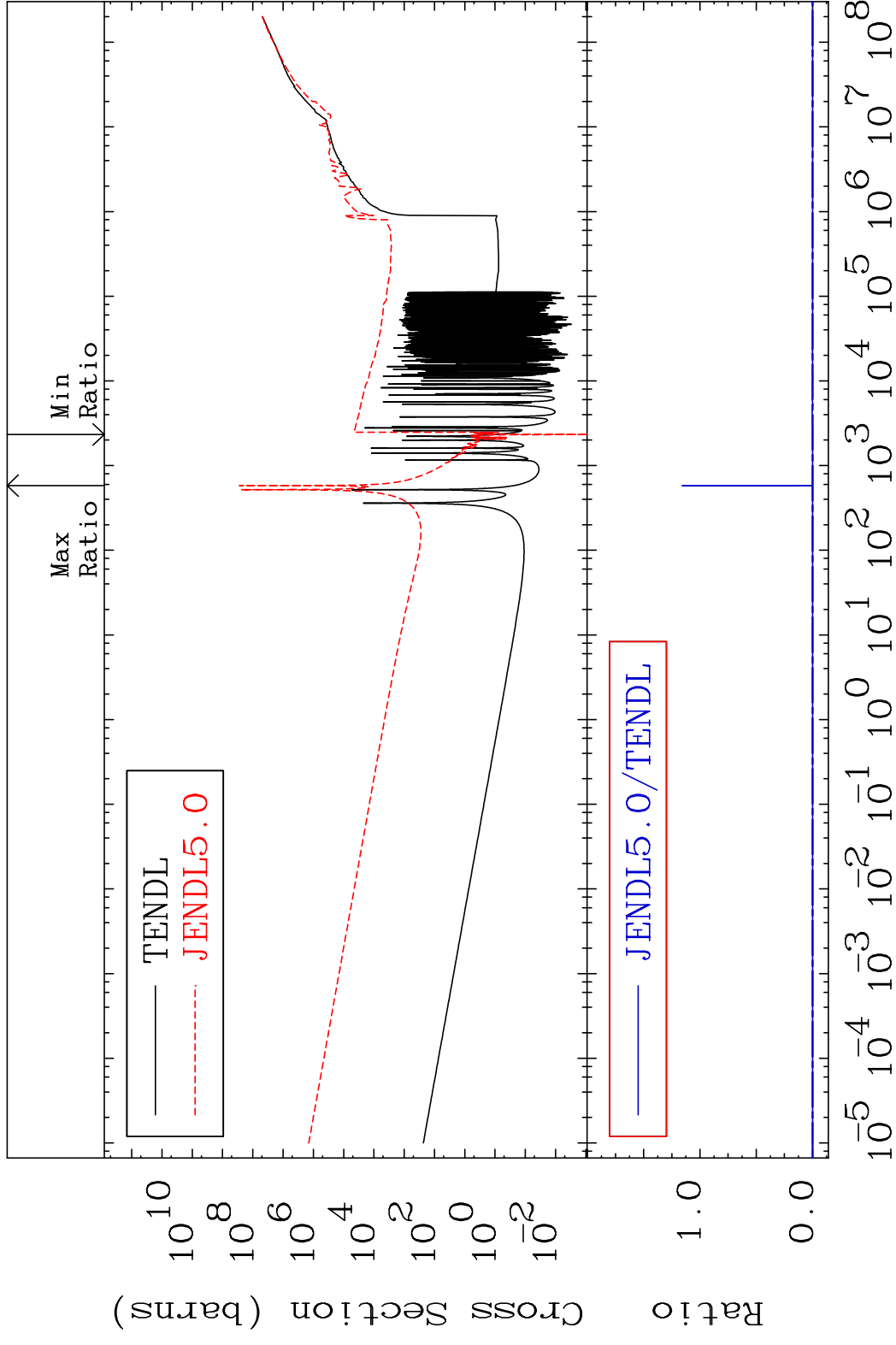


MAT 3643

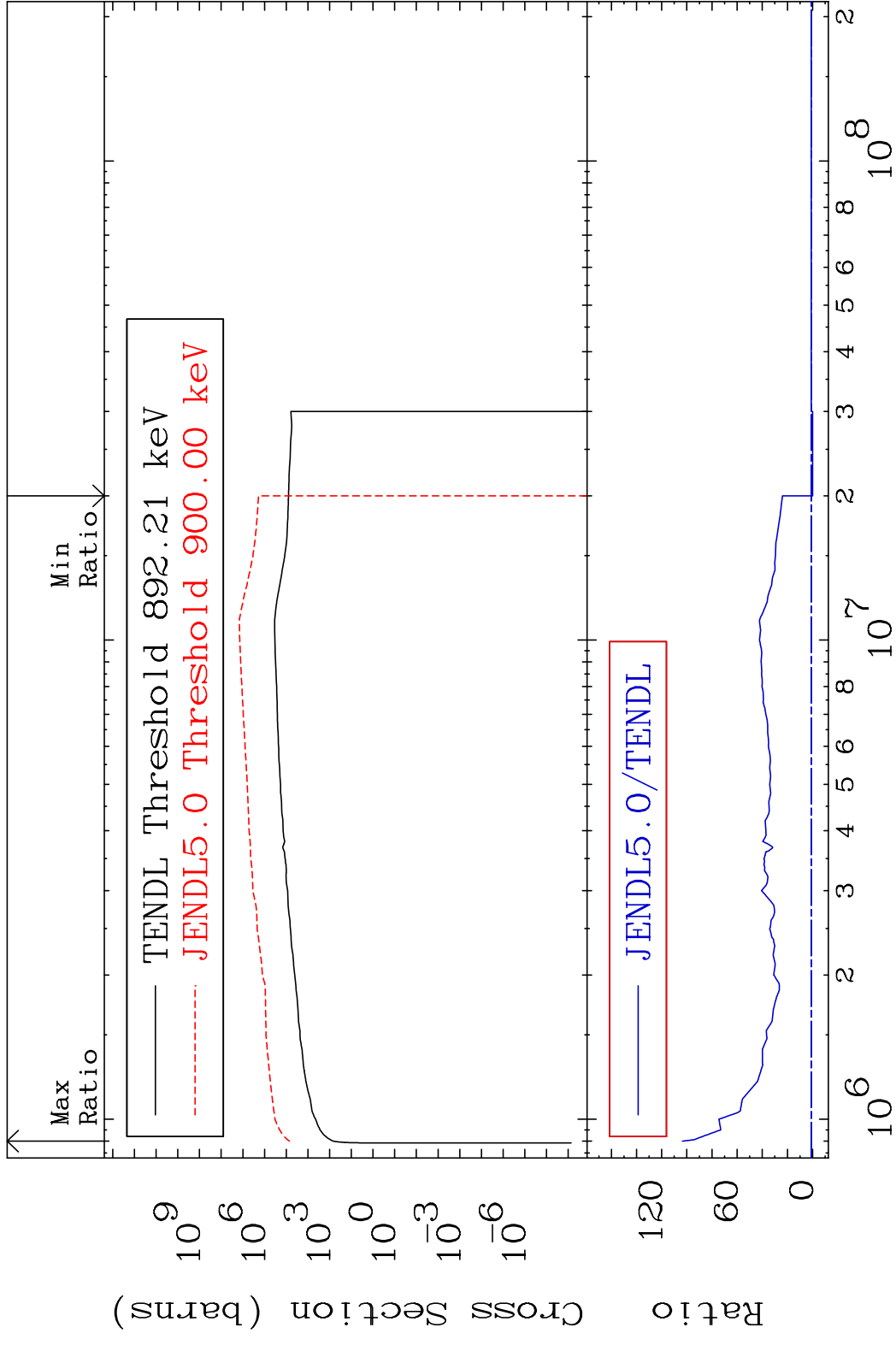
Kerma elastic Cross Section -99.97 To 9999. %
36-Kr-84



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

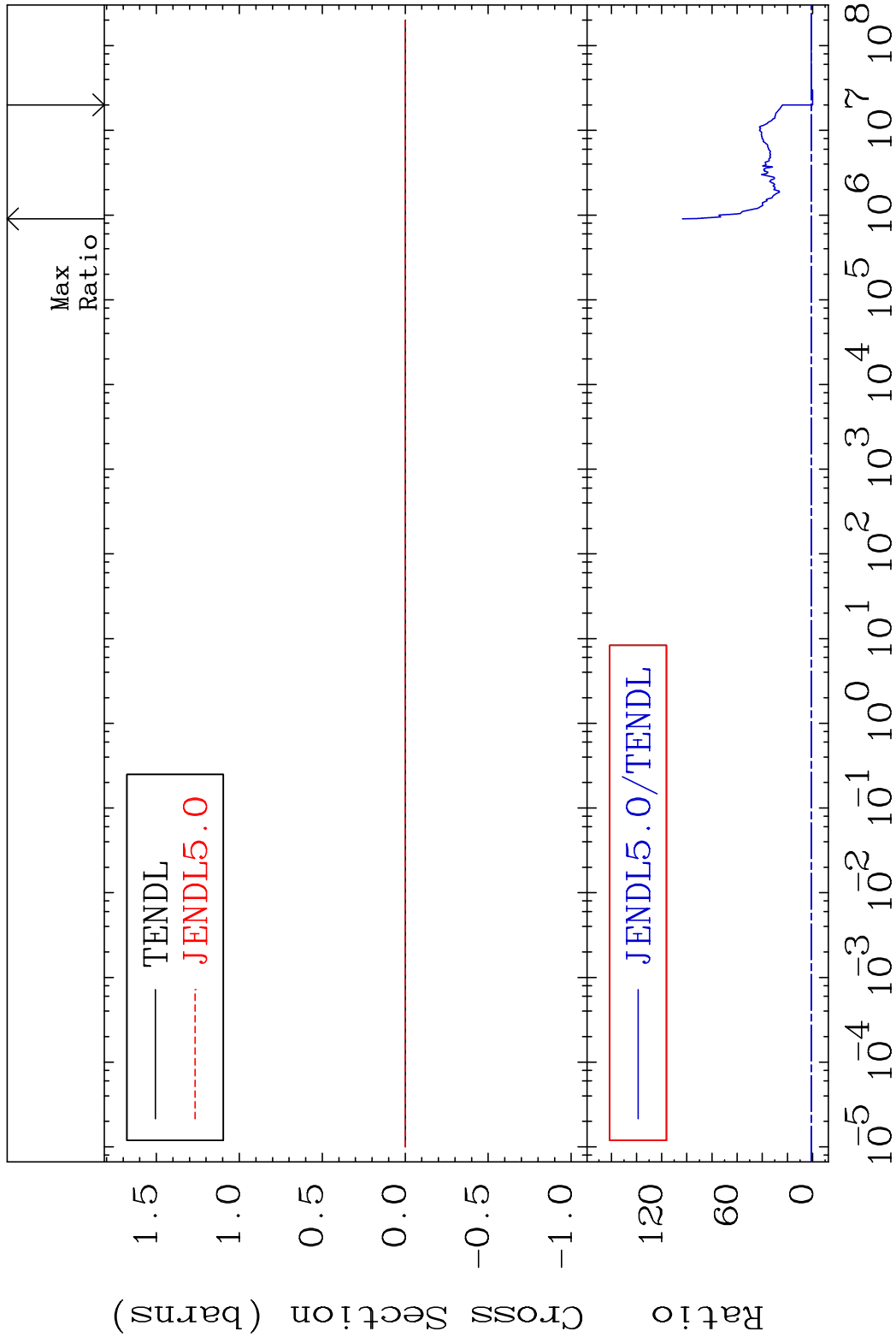


MAT 3643 Kerma inelastic (mt51-91) 36-Kr-84
 Cross Section -100.0 To 9999. %



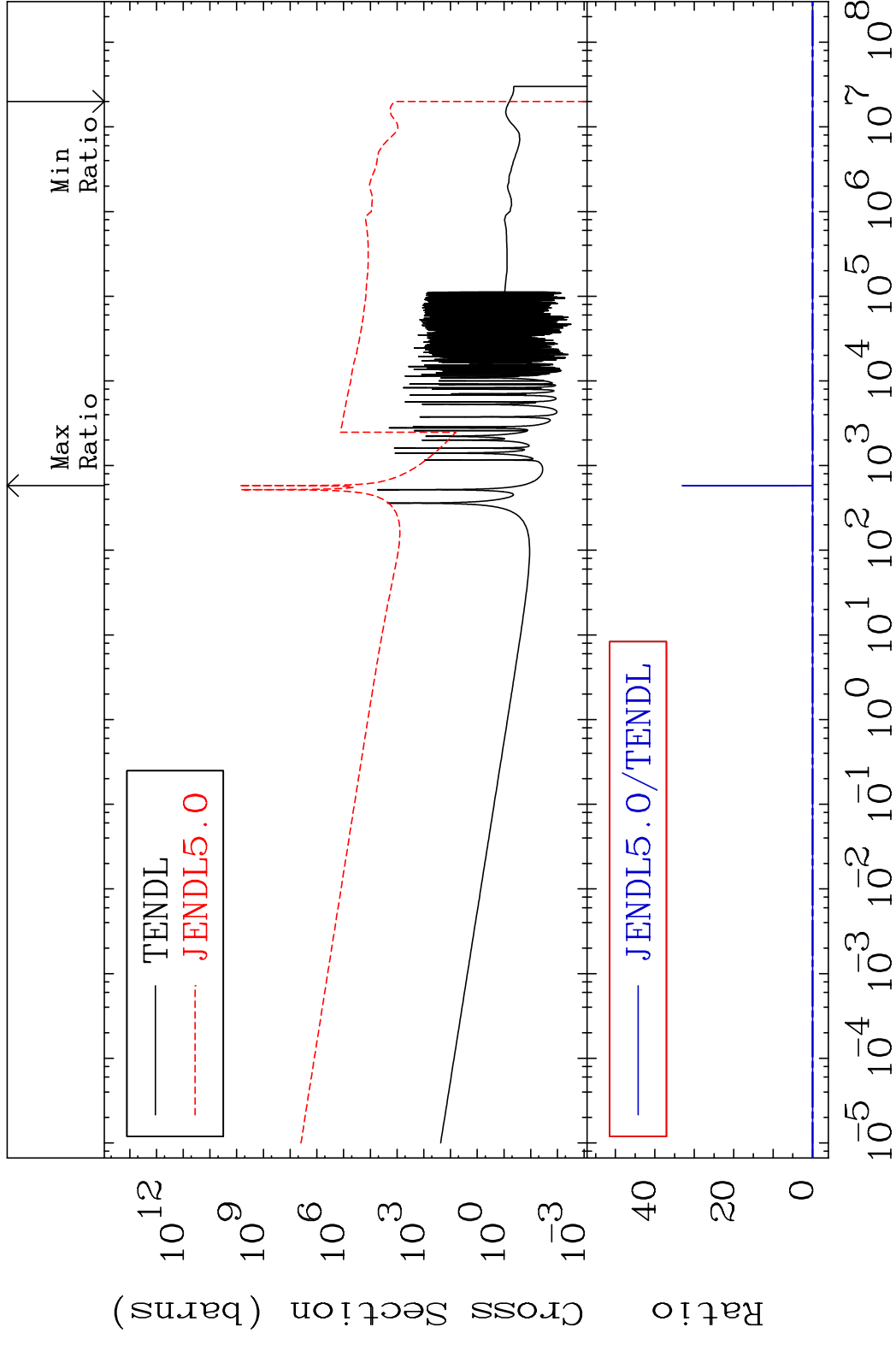
52 Incident Energy (eV) 36-Kr-84

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. %

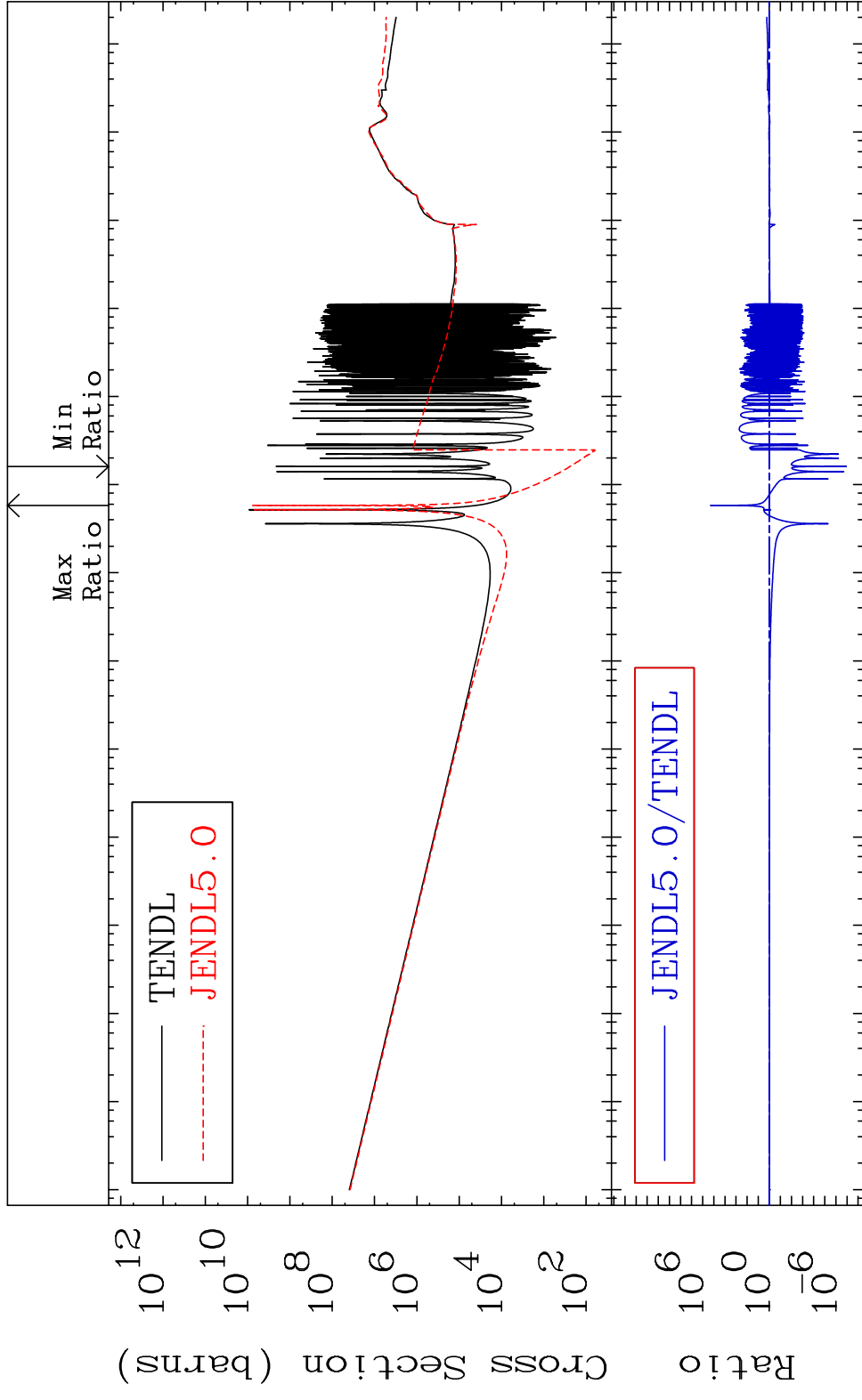


54

Incident Energy (eV)

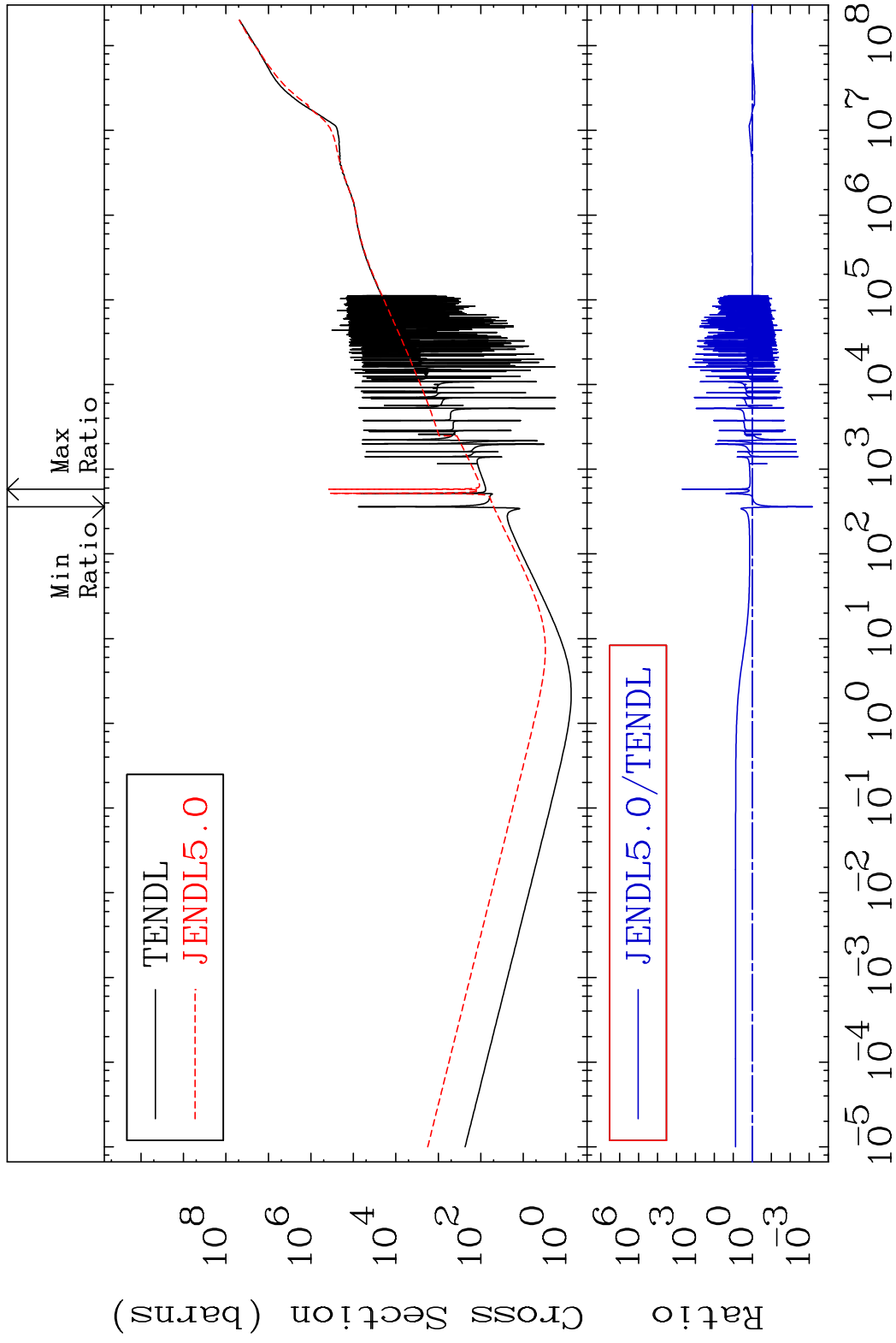
36-Kr-84

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

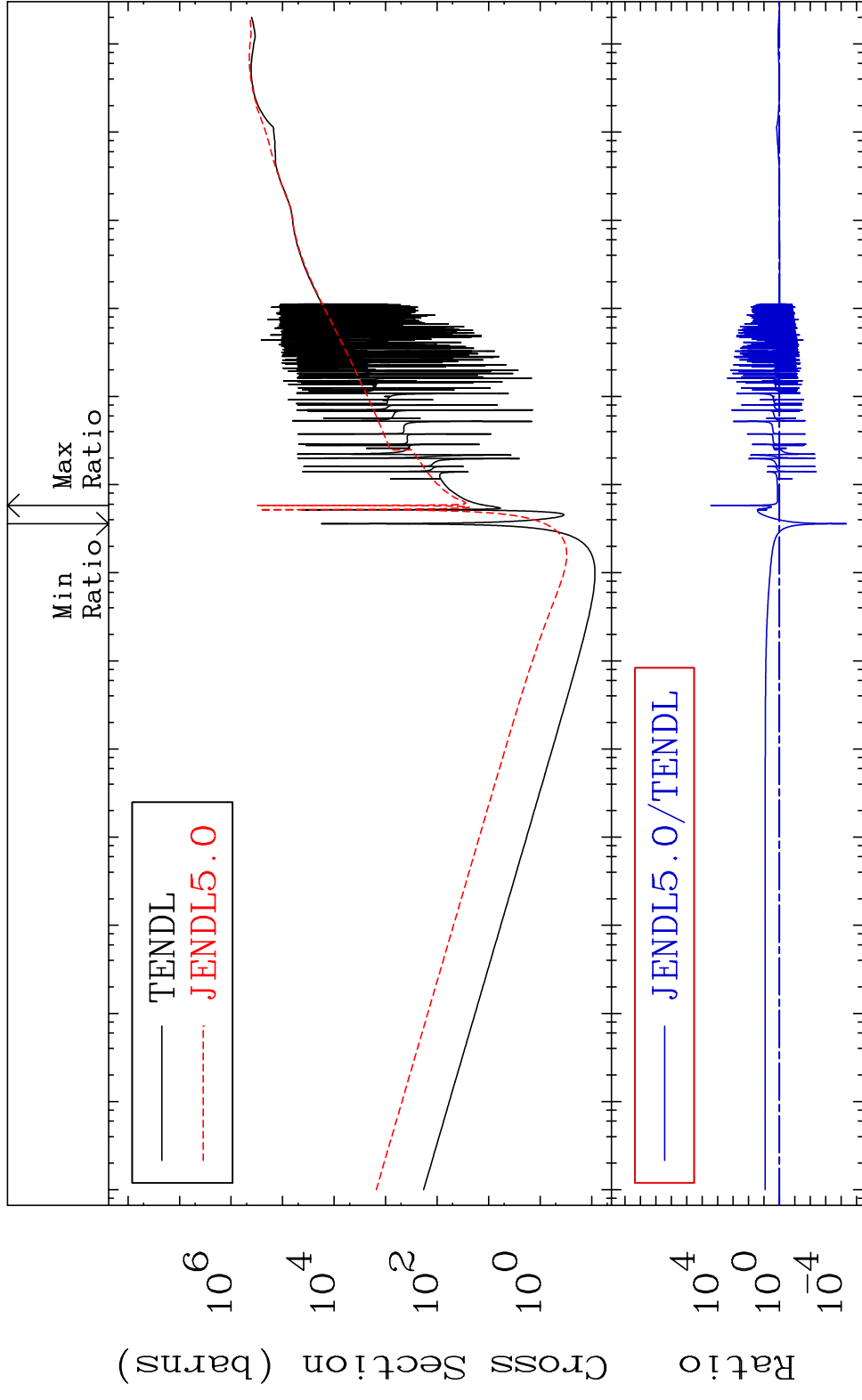


55 Incident Energy (eV) 36-Kr-84

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. %

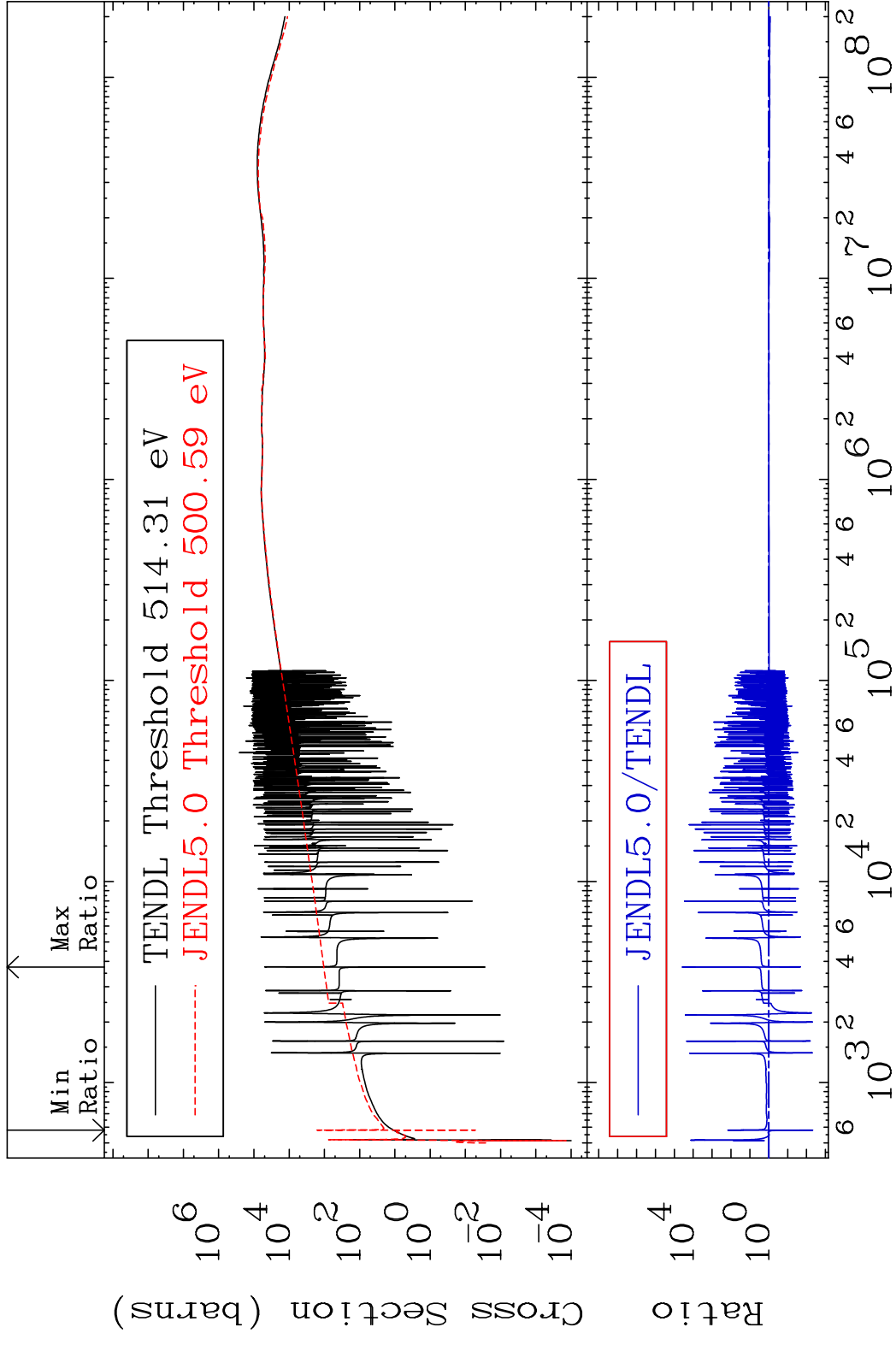


MAT 3643

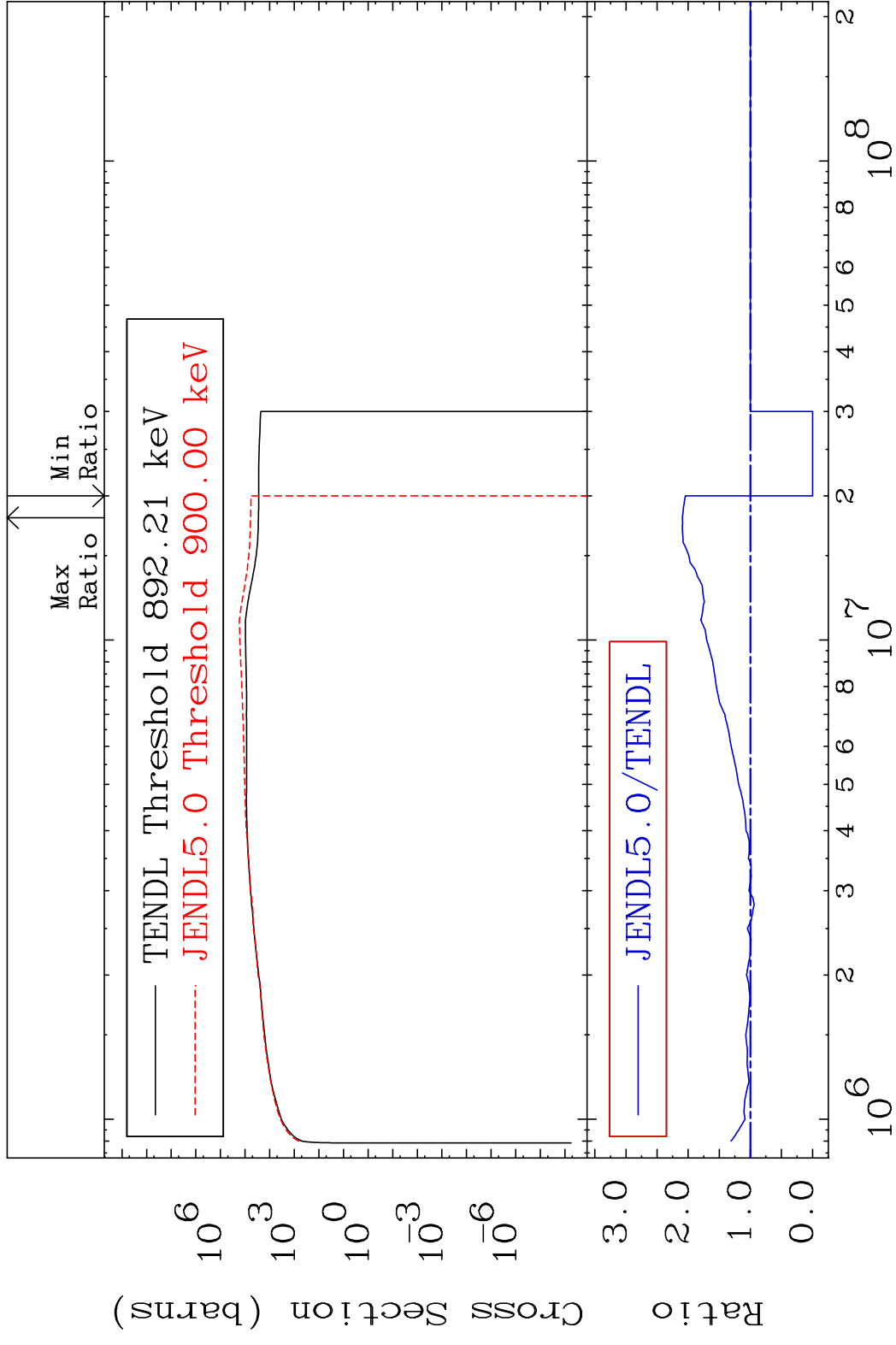
Dpa elastic (mt2)

36-Kr-84

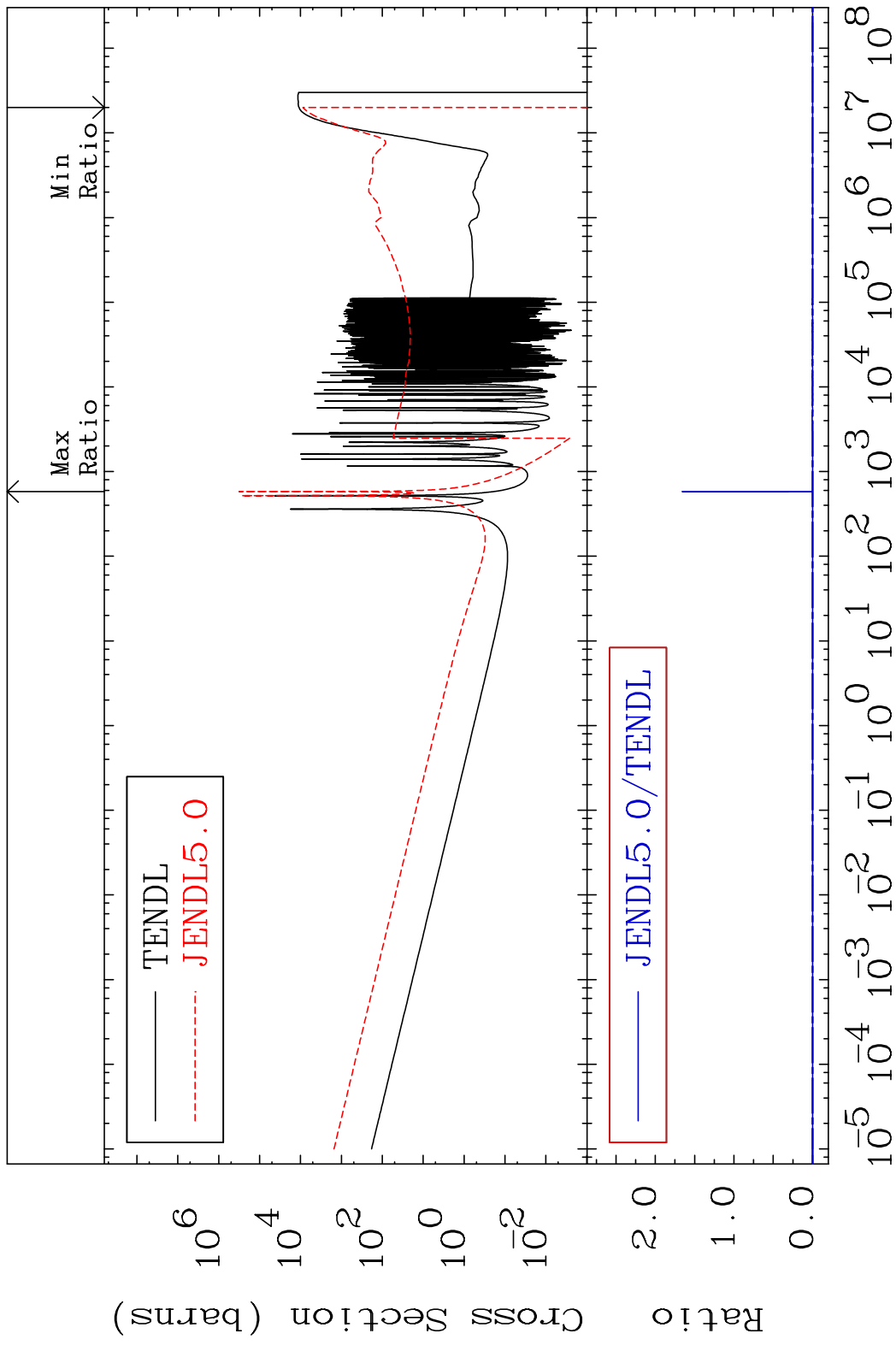
Cross Section -99.52 To 9999. %



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

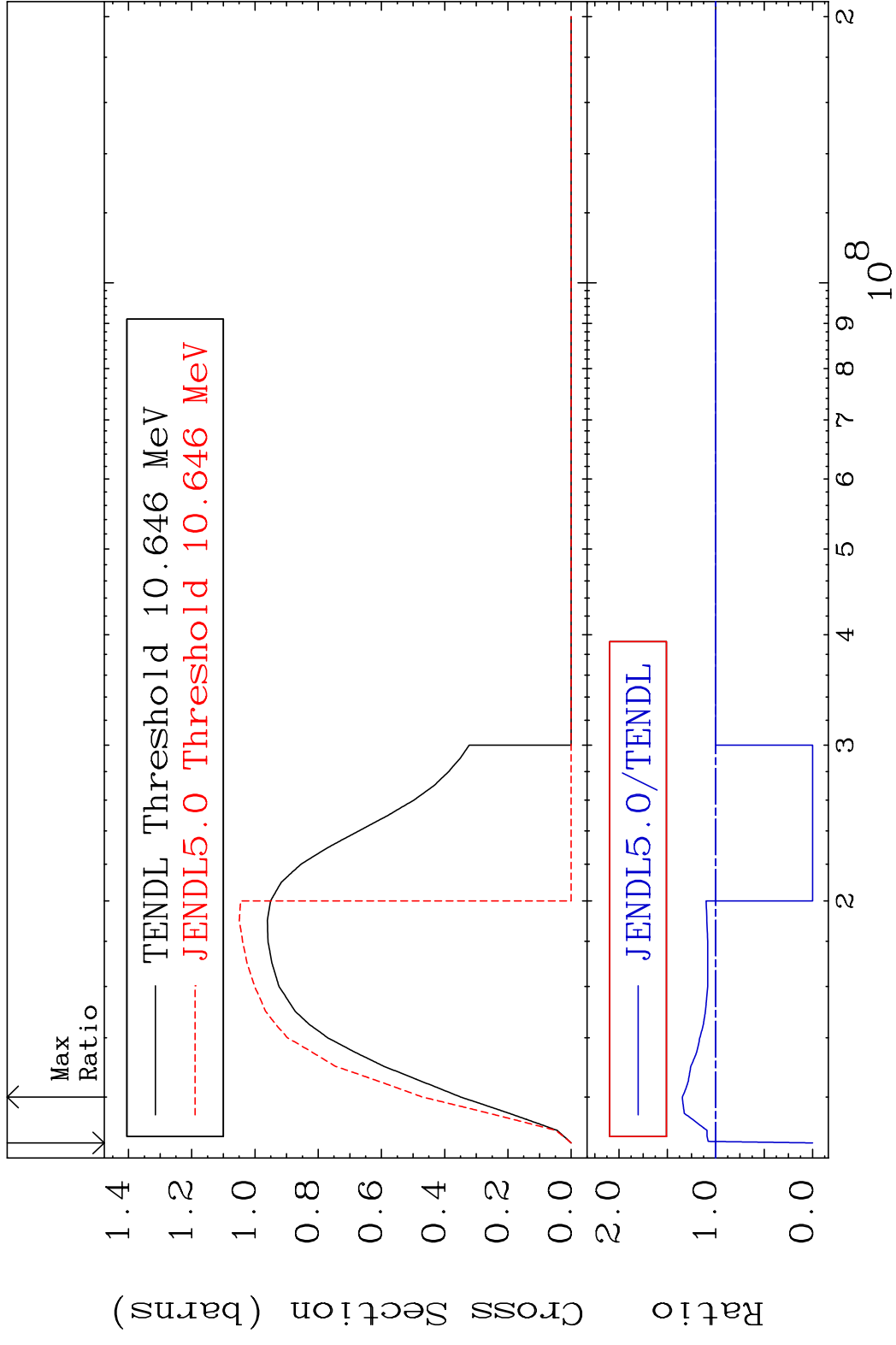


MAT 3643 Dpa disappearance (mt102 -120) 36-Kr-84
 Cross Section -100.0 To 9999. %

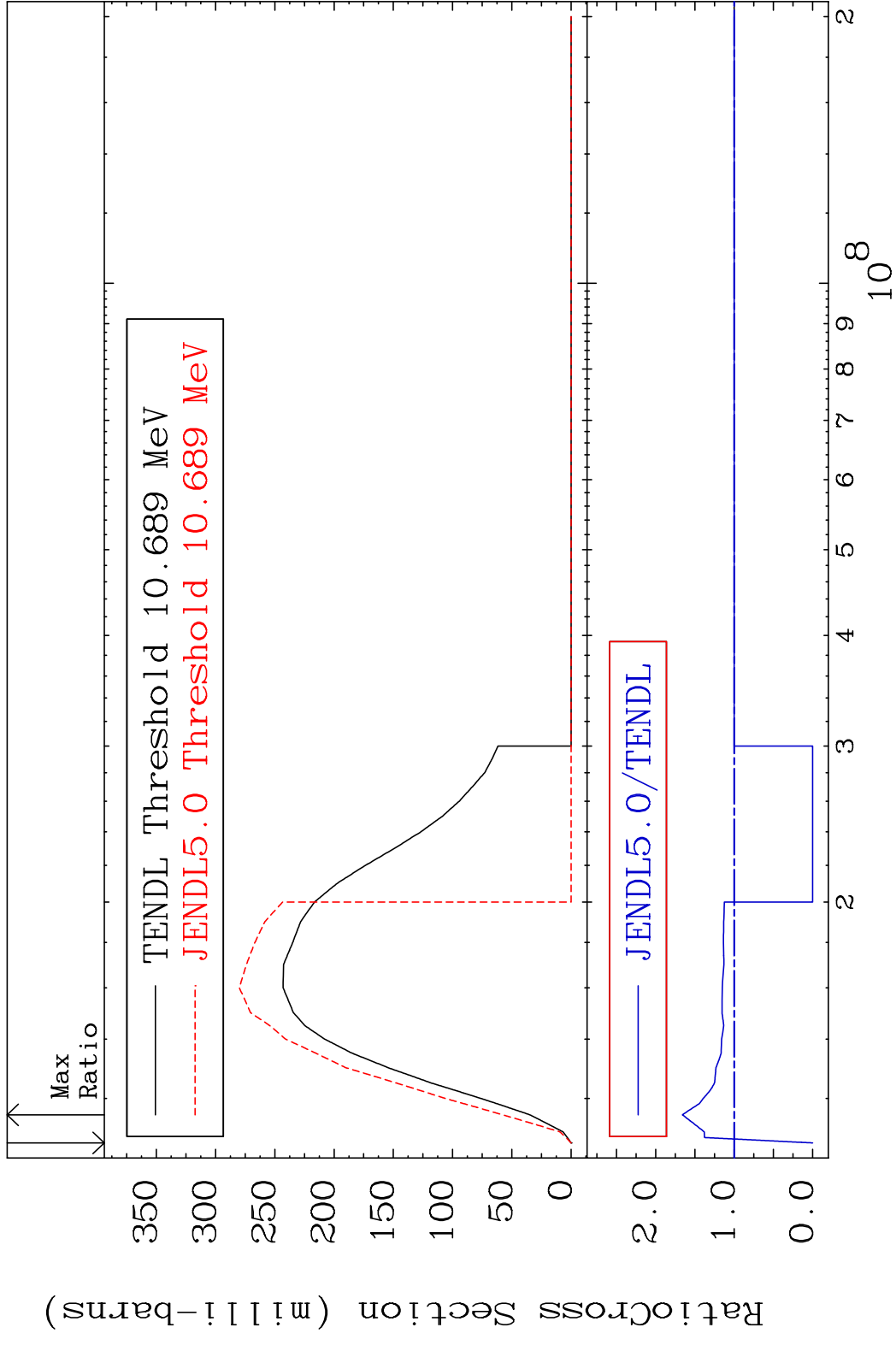


60 Incident Energy (eV) 36-Kr-84

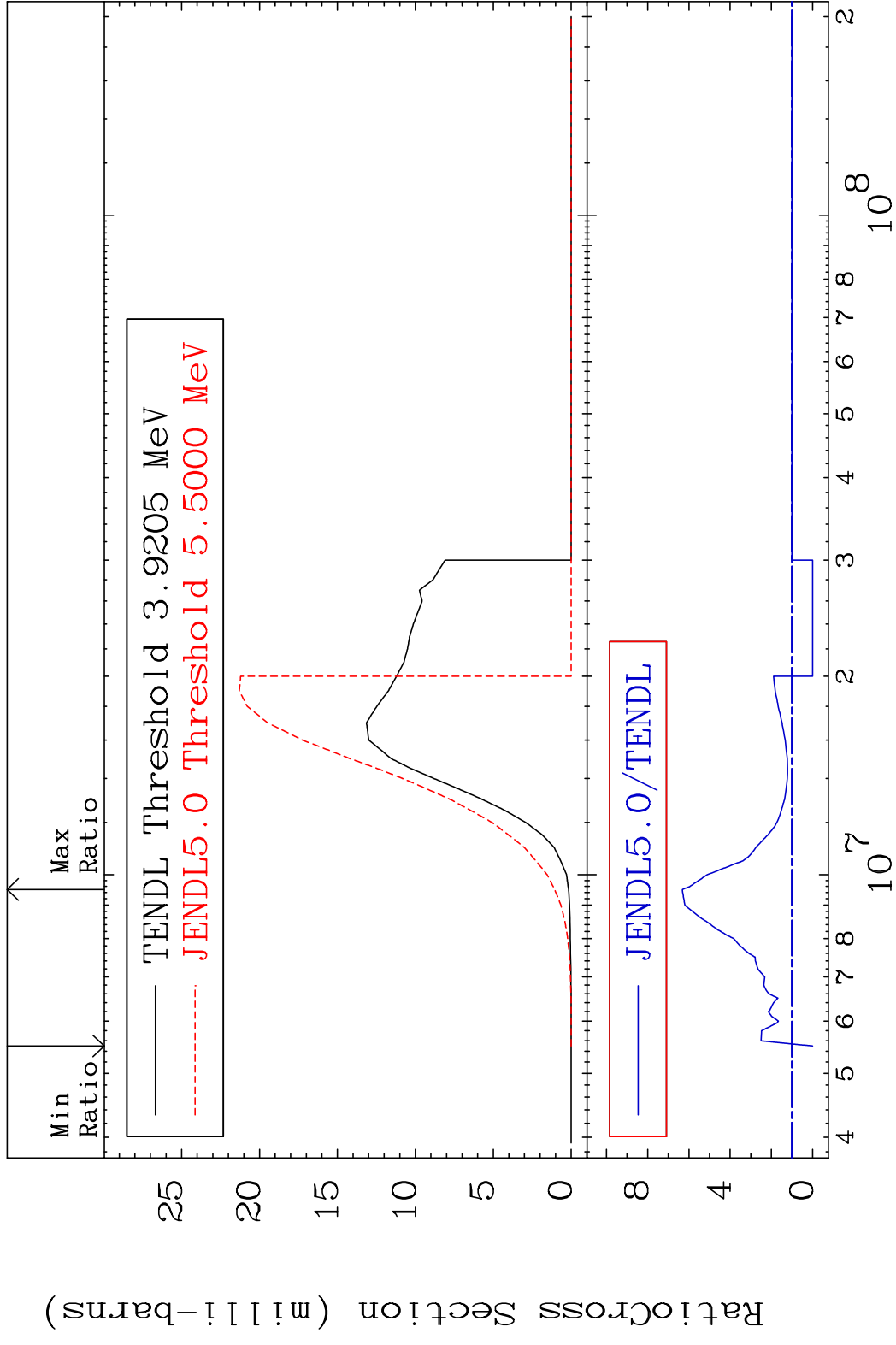
MAT 3643 (n,2n):36-Kr-83g 36-Kr-84
 Radionuclide Production Cross Section 180.01 dth 34.53 %



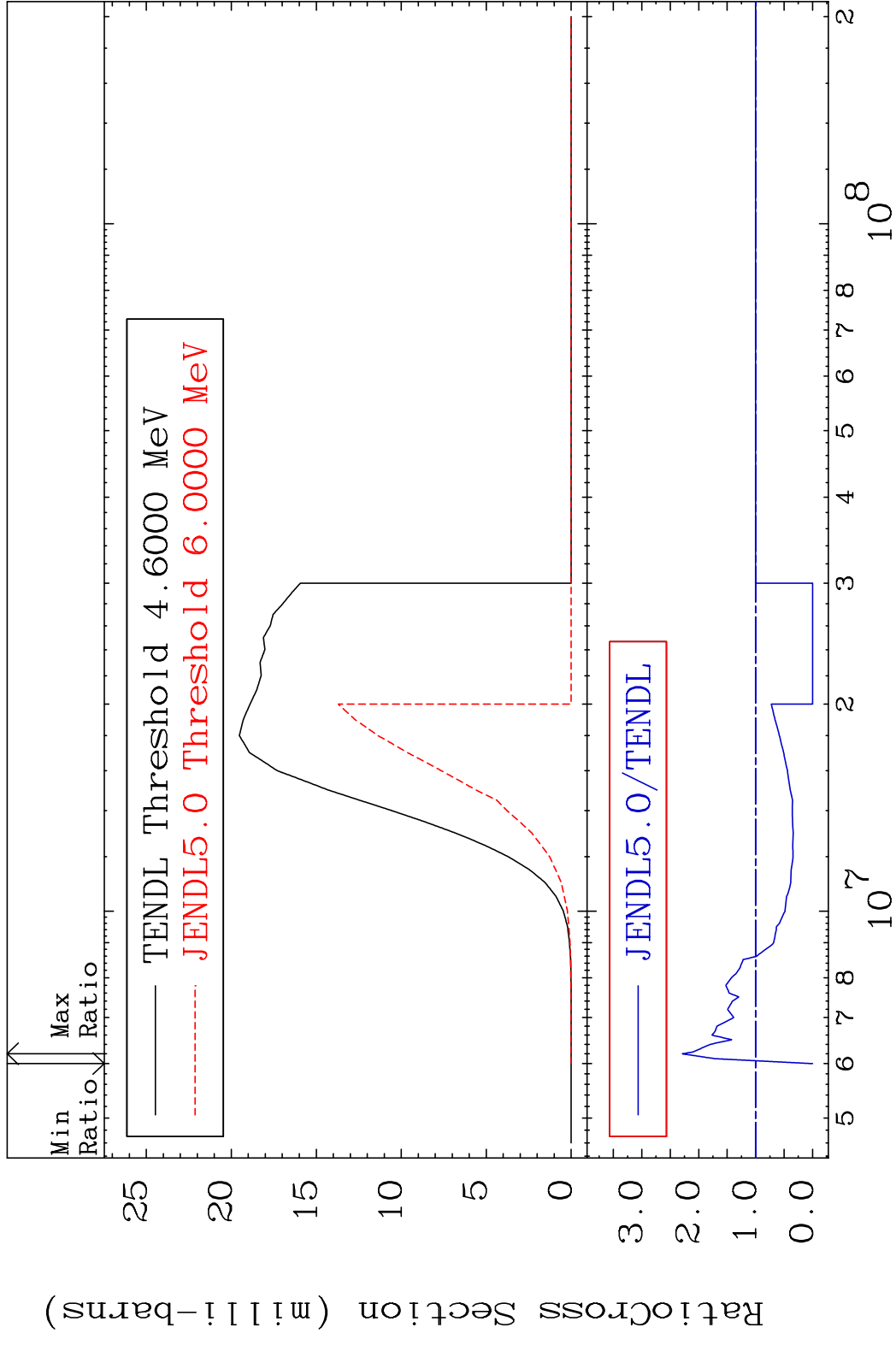
MAT 3643 (n,2n):36-Kr-83m2 36-Kr-84
 Radionuclide Production Cross Section Ratio 65.98 %



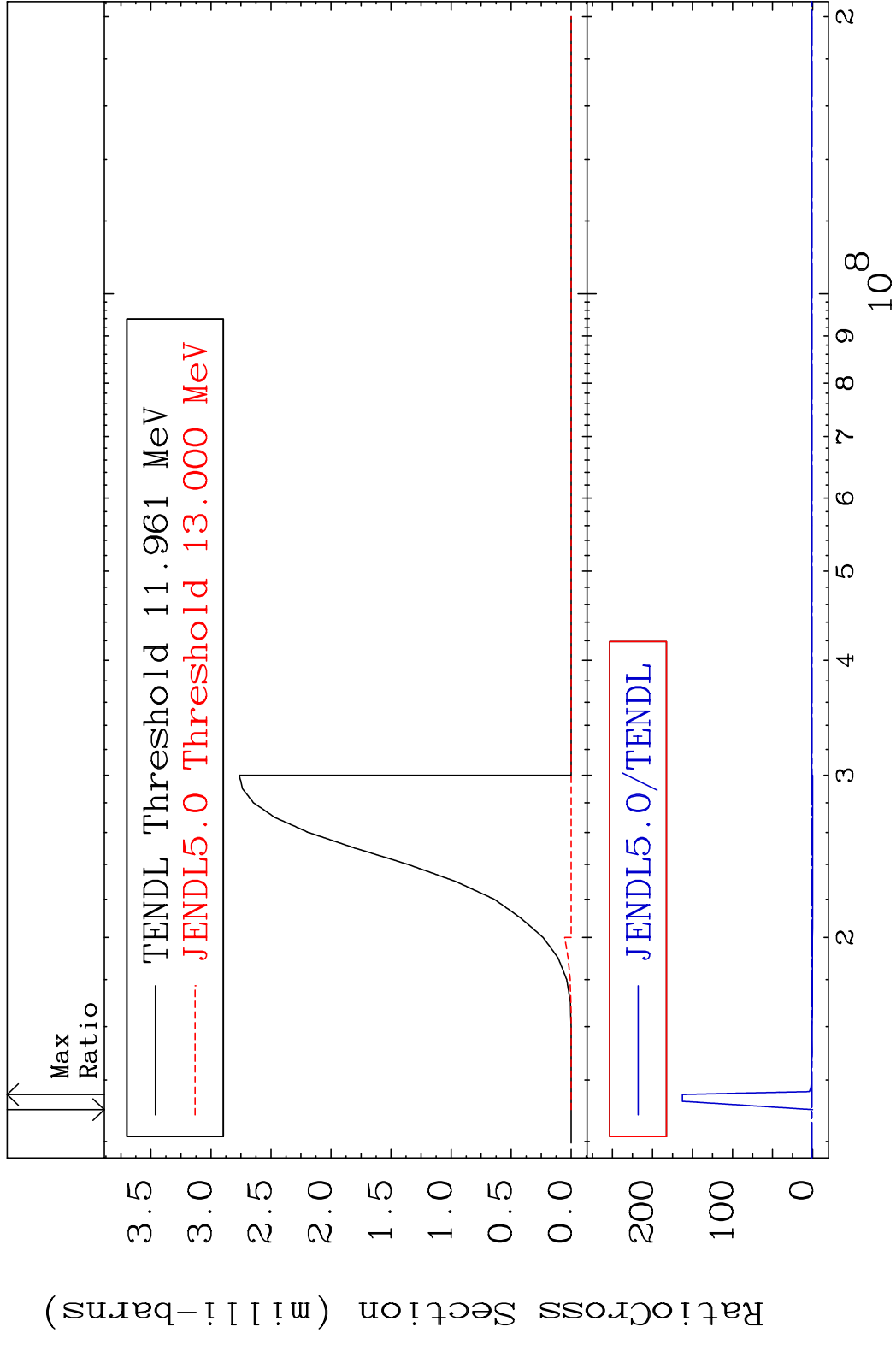
MAT 3643 (n, p): 35-Br-84g 36-Kr-84
 Radionuclide Production Cross Section 531.7 %



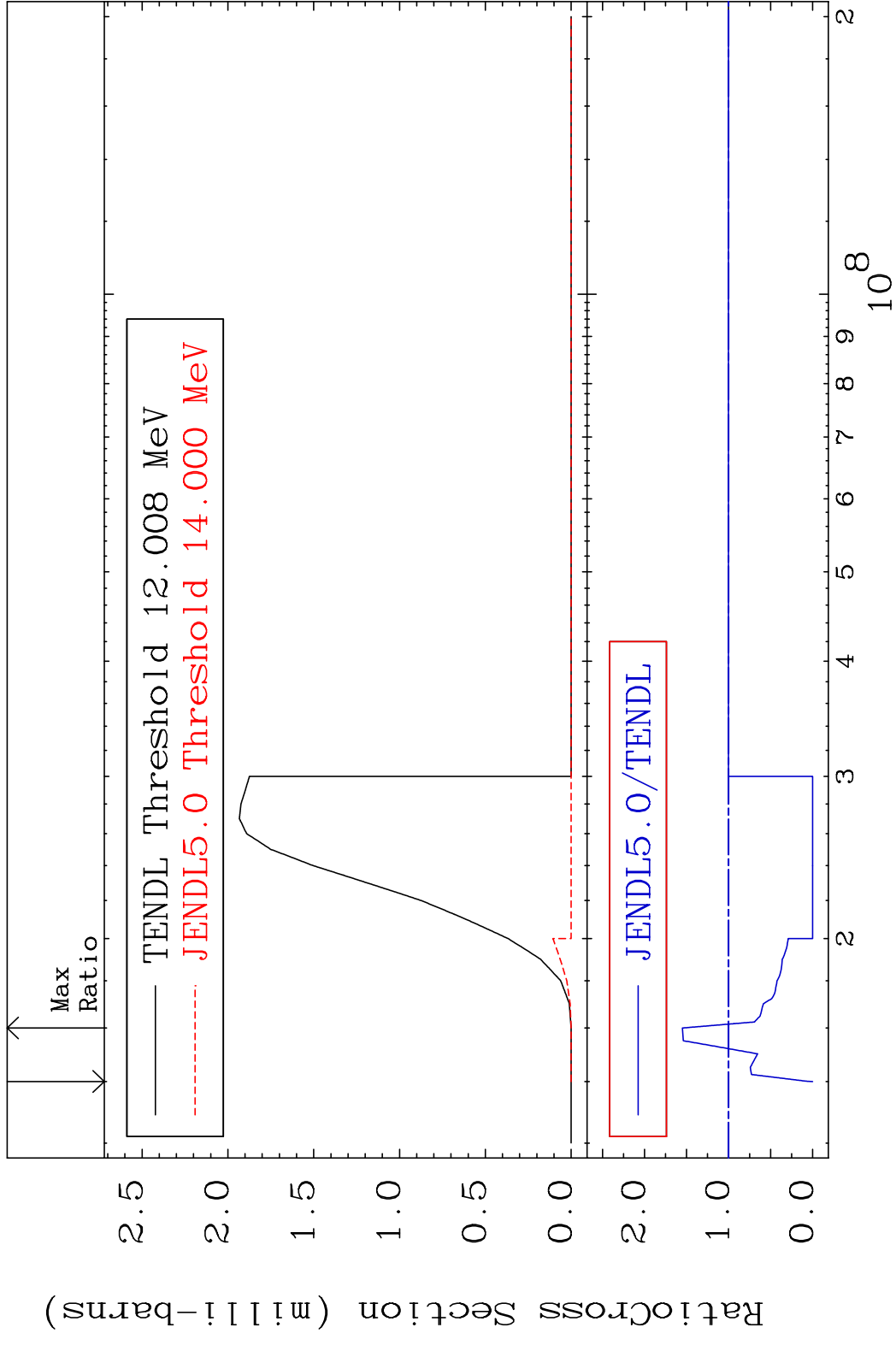
MAT 3643 (n,p):35-Br-84m1 36-Kr-84
 Radionuclide Production Cross Section 128.7 %



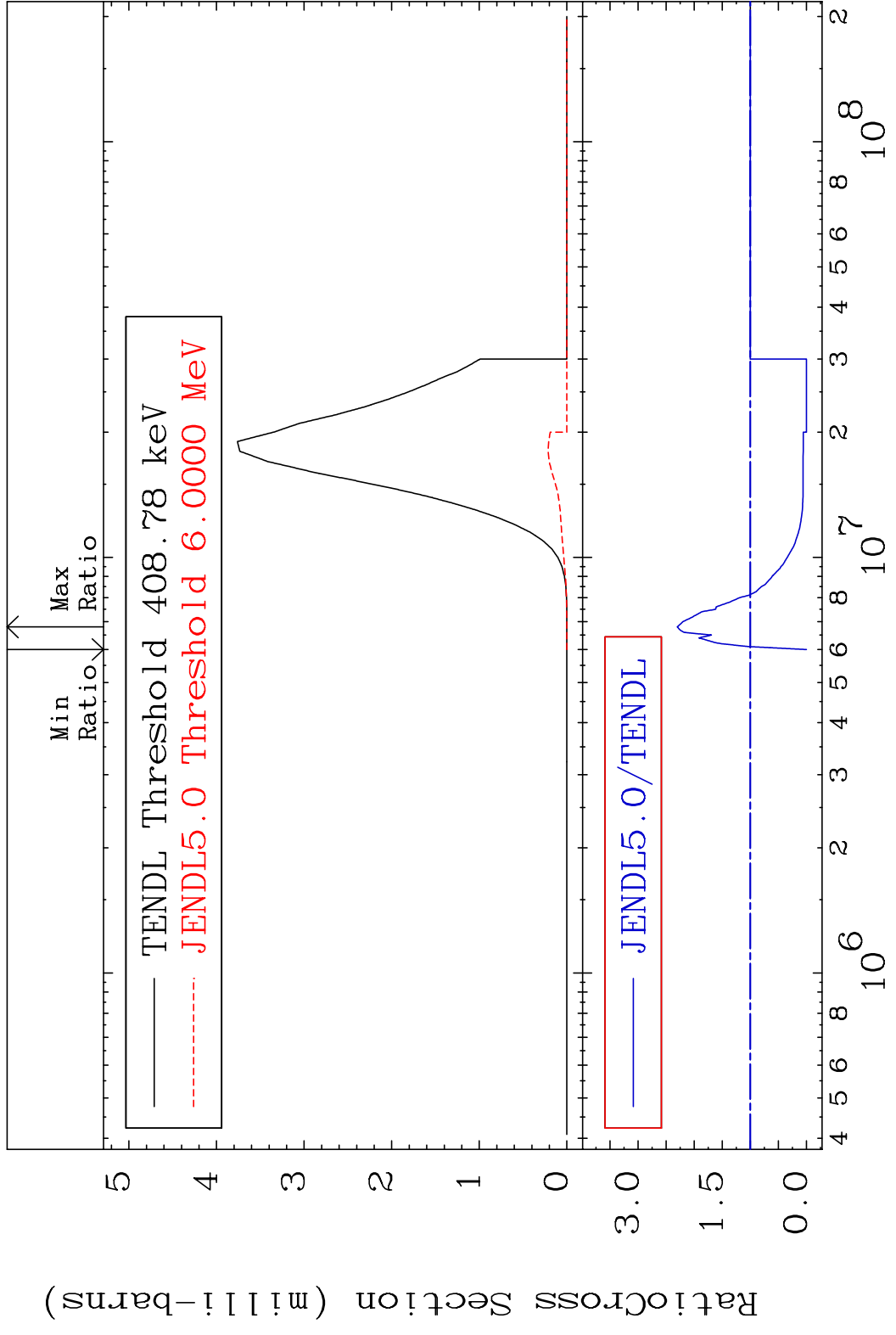
MAT 3643 (n, t):35-Br-82g 36-Kr-84
 Radionuclide Production Cross Section Ratio

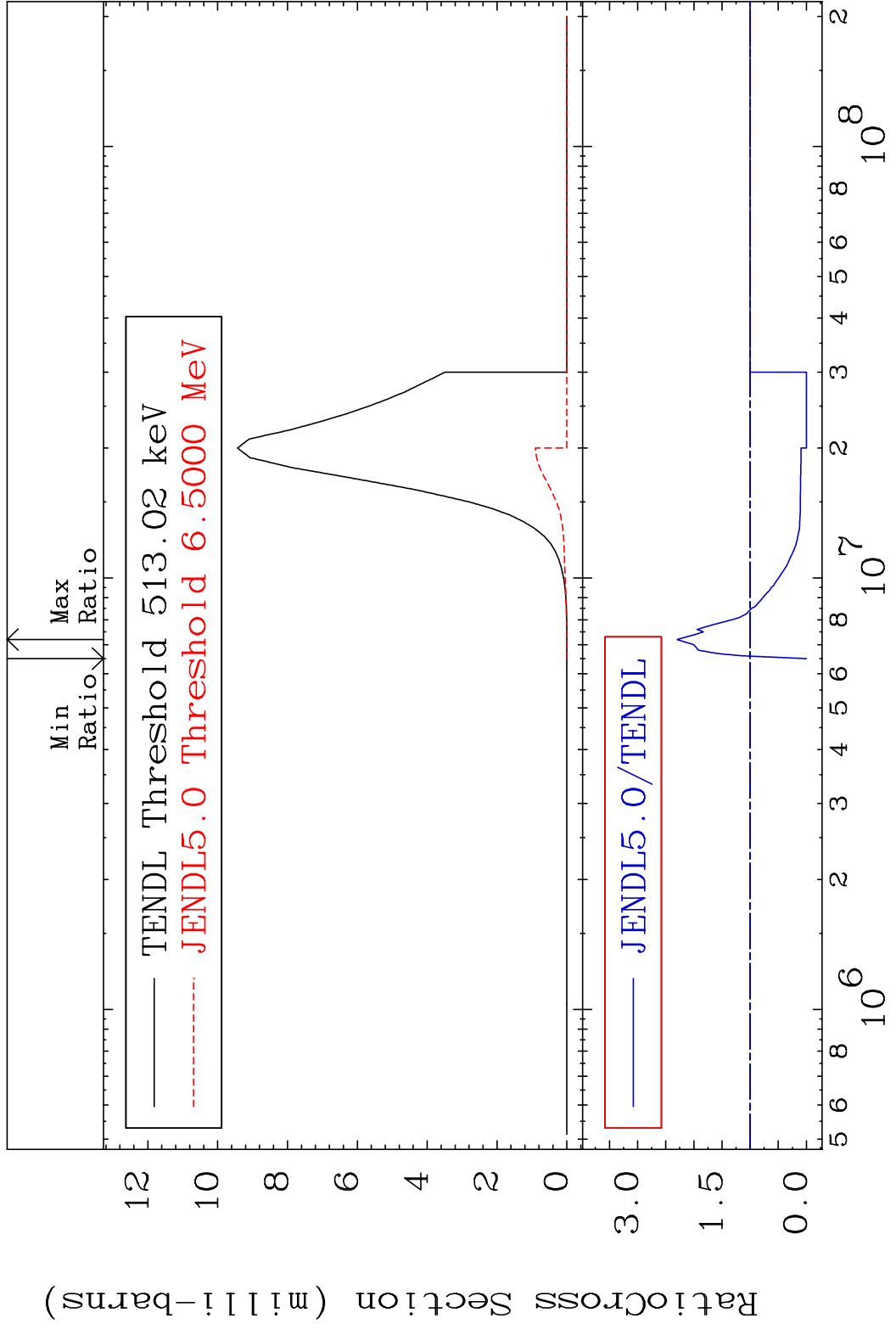


MAT 3643 (n, t):35-Br-82m1 36-Kr-84
 Radionuclide Production Cross Section 55.02 %

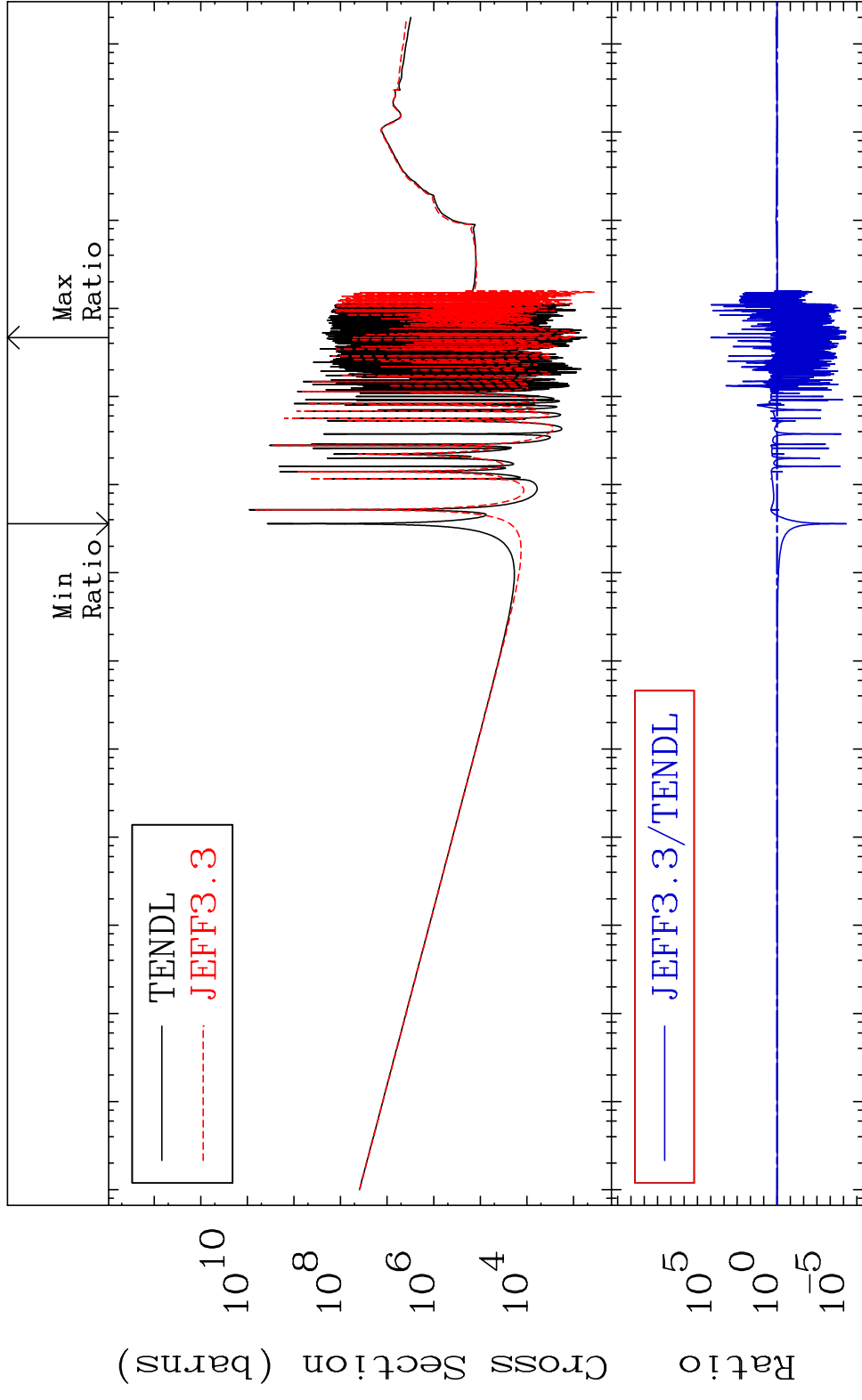


MAT 3643 (n, α): 34-Se-81g 36-Kr-84
 Radionuclide Production Cross Section 130.2 %

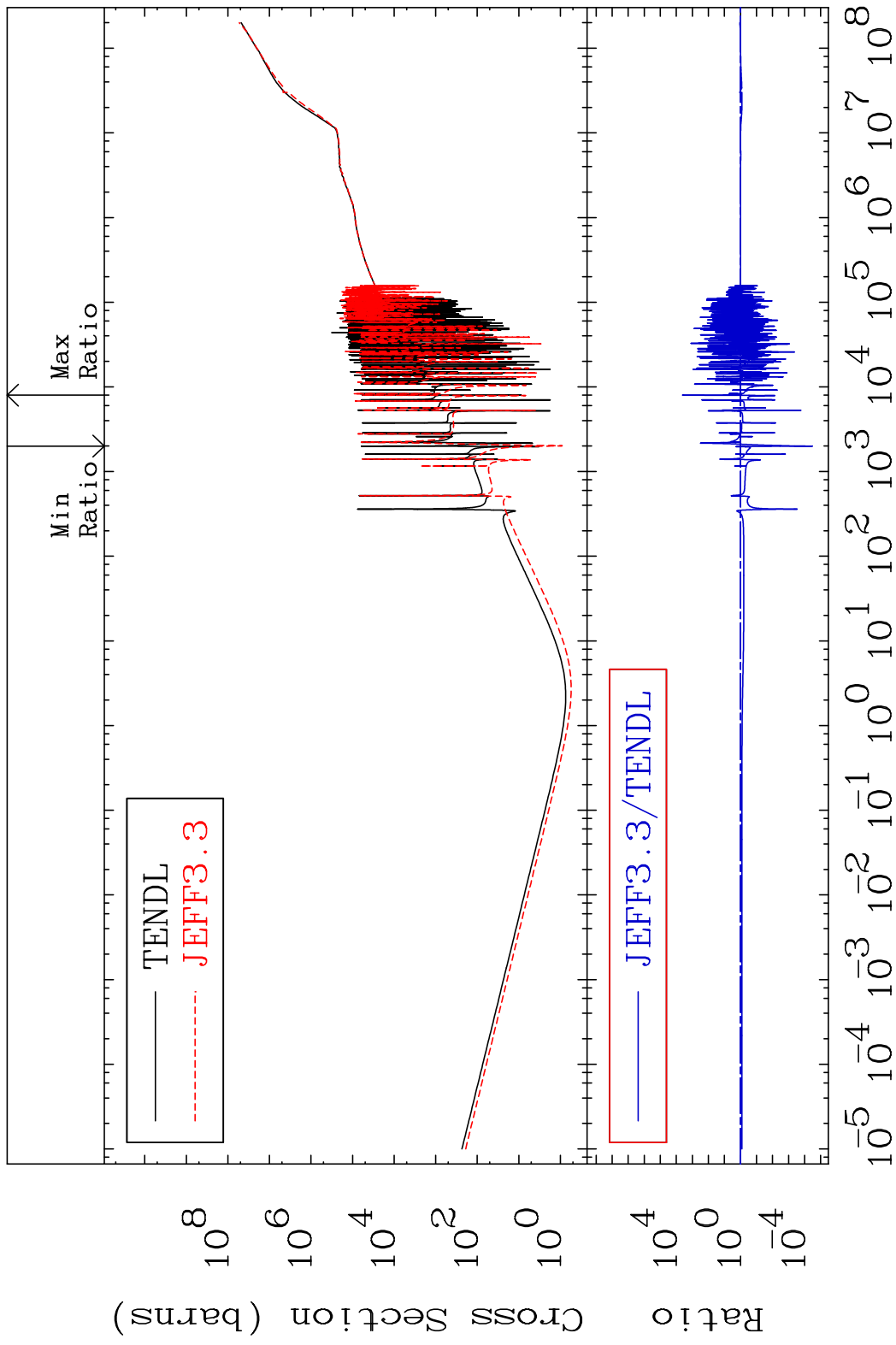




MAT 3643 Total photon (eV-barns) 36-Kr-84
 Cross Section -100.0 To 9999. %

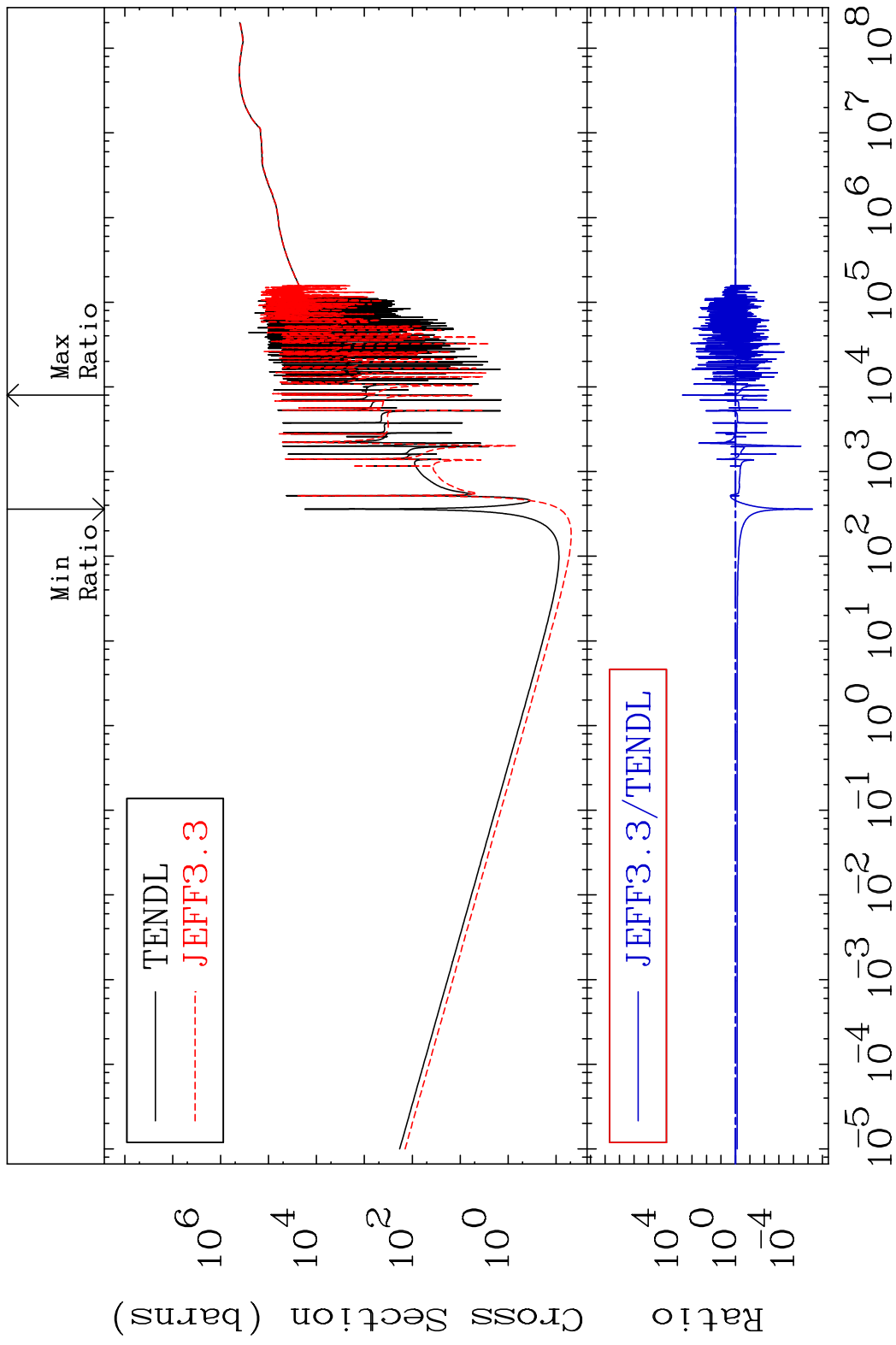


MAT 3643 Total kinematic kerma (high limit) 36-Kr-84
 Cross Section -100.0 To 9999. %



70 Incident Energy (eV) 36-Kr-84

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

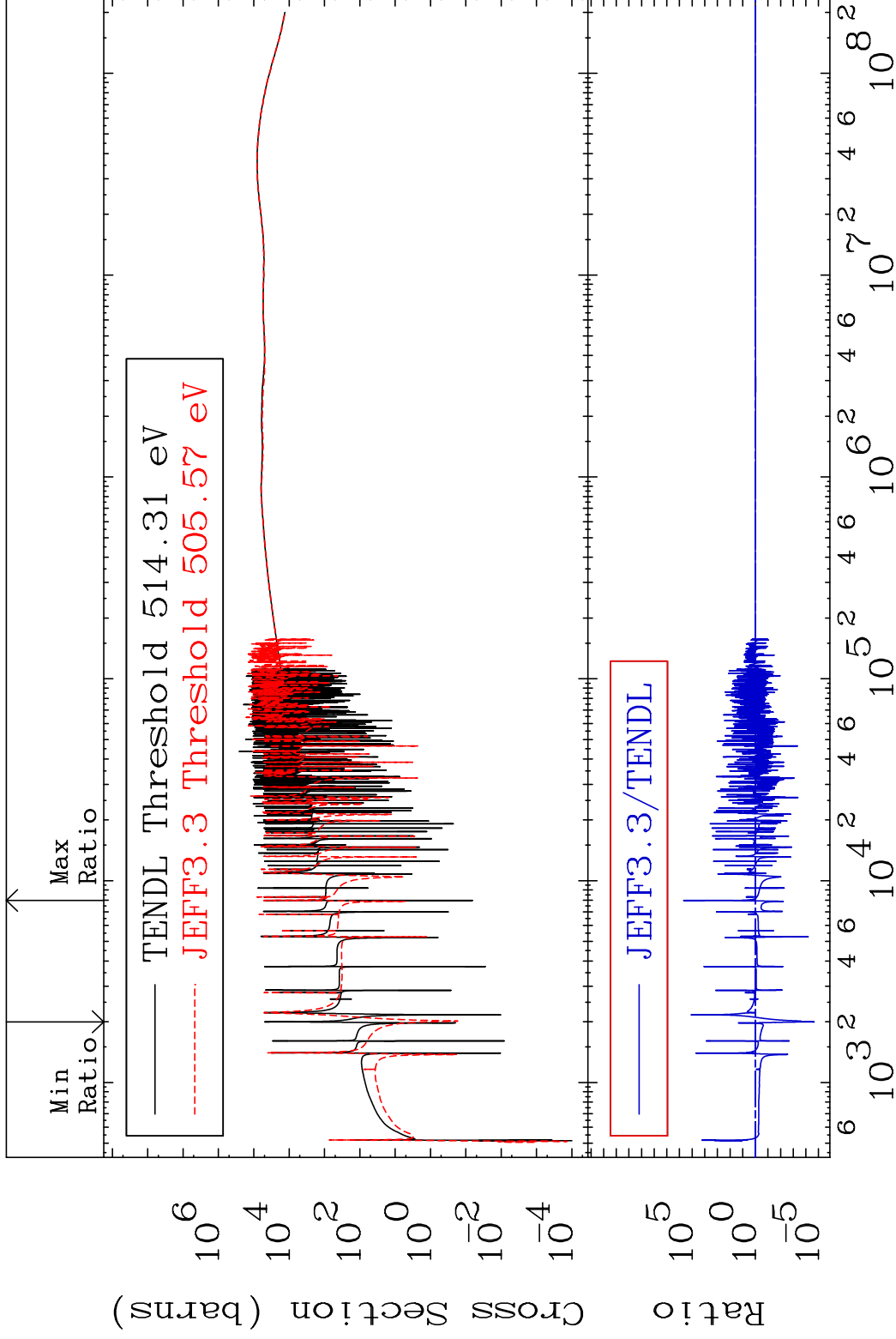


MAT 3643

Dpa elastic (mt2)

36-Kr-84

Cross Section -100.0 To 9999. %

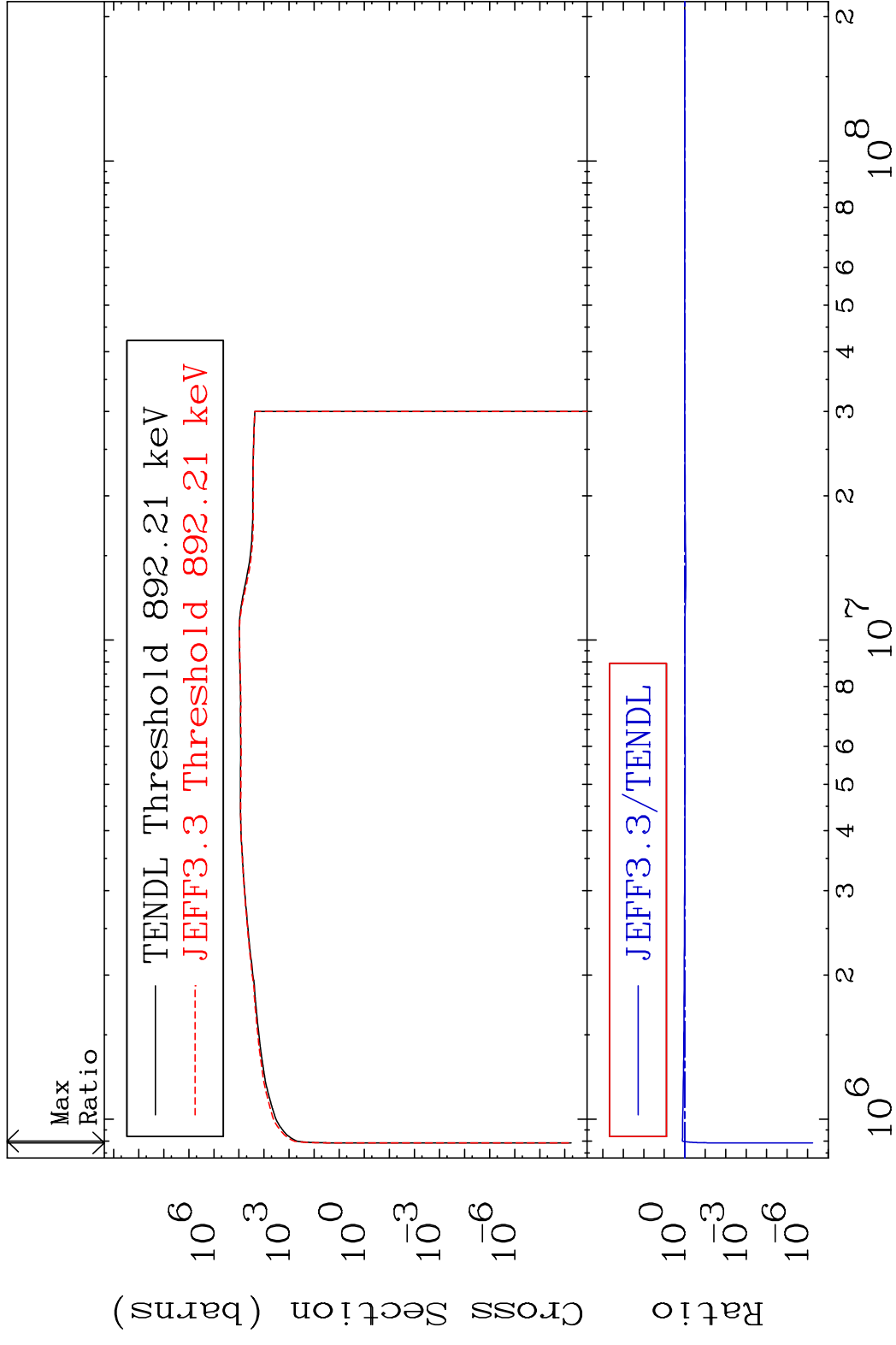


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Incident Energy (eV)

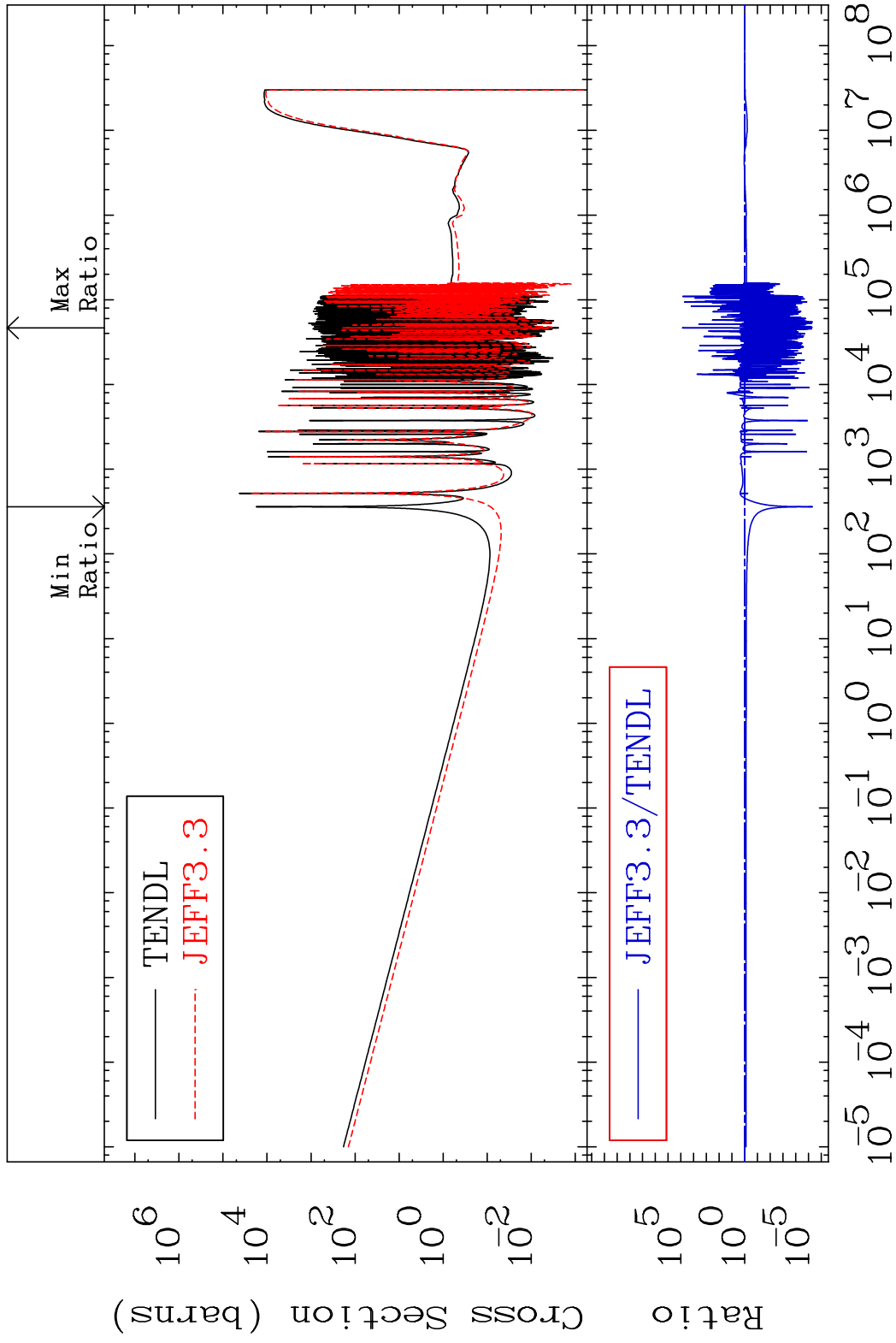
36-Kr-84

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

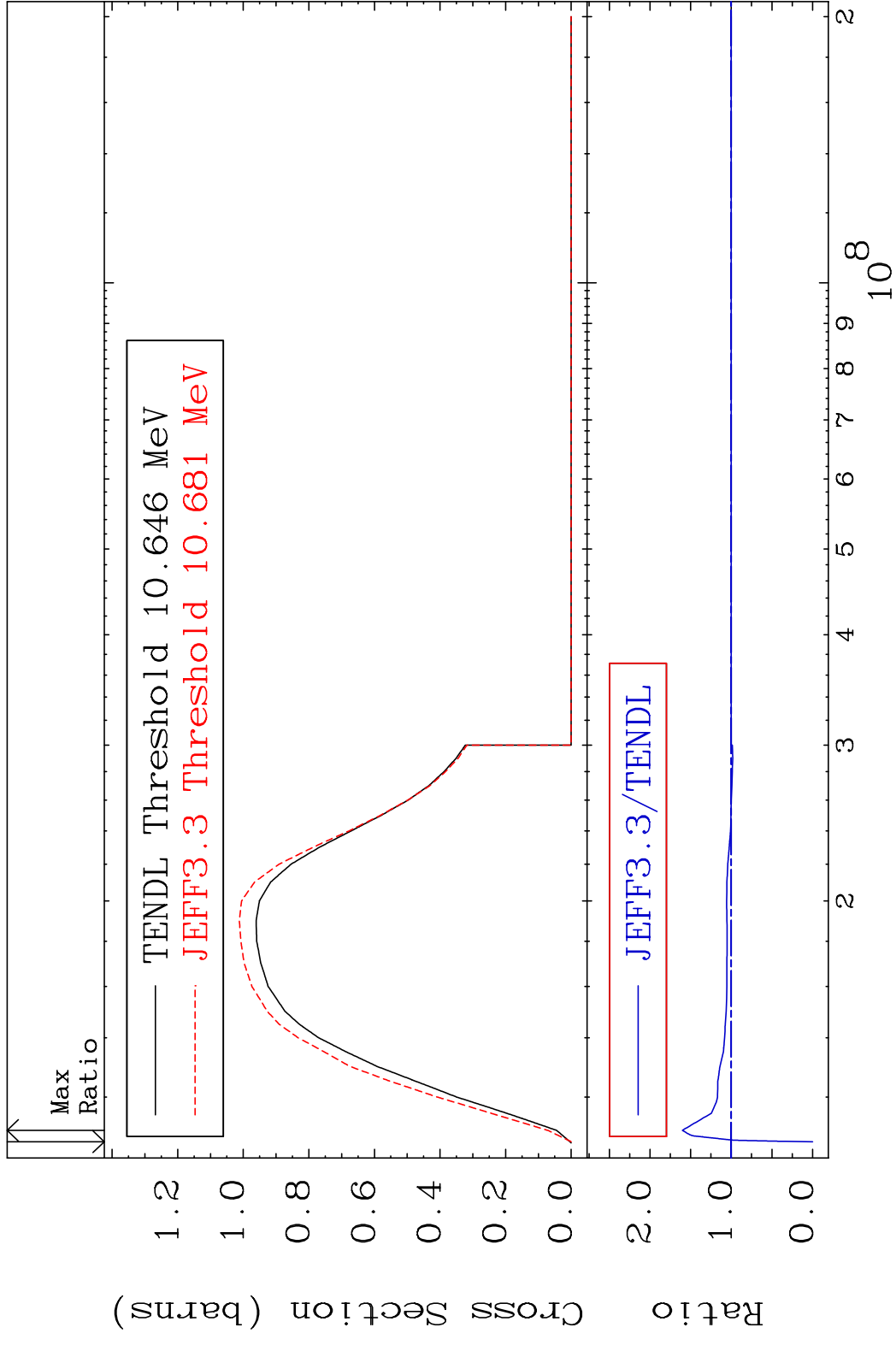


73 Incident Energy (eV) 36-Kr-84

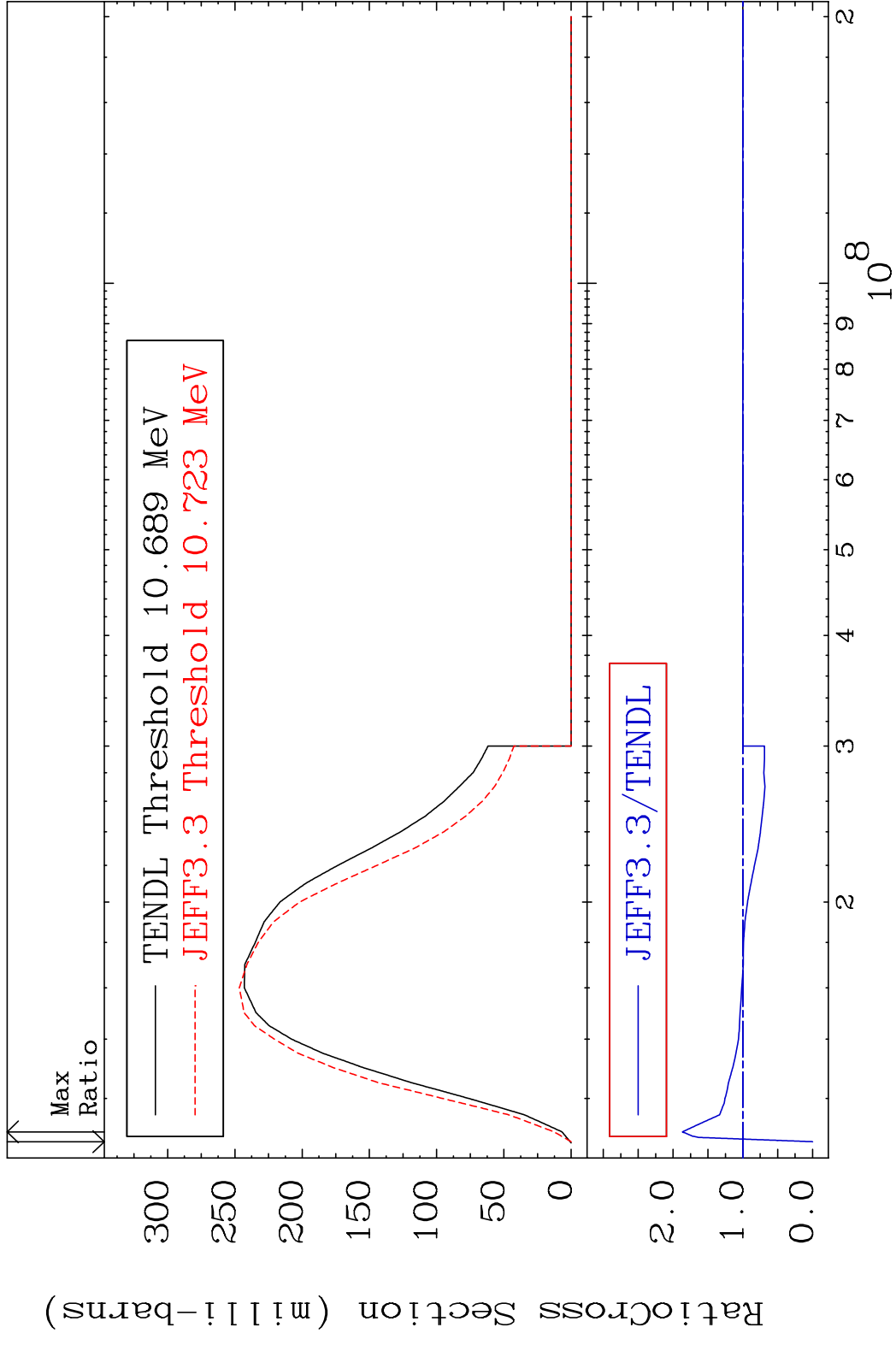
MAT 3643 Dpa disappearance (mt102 -120) 36-Kr-84
 Cross Section -100.0 To 9999. %



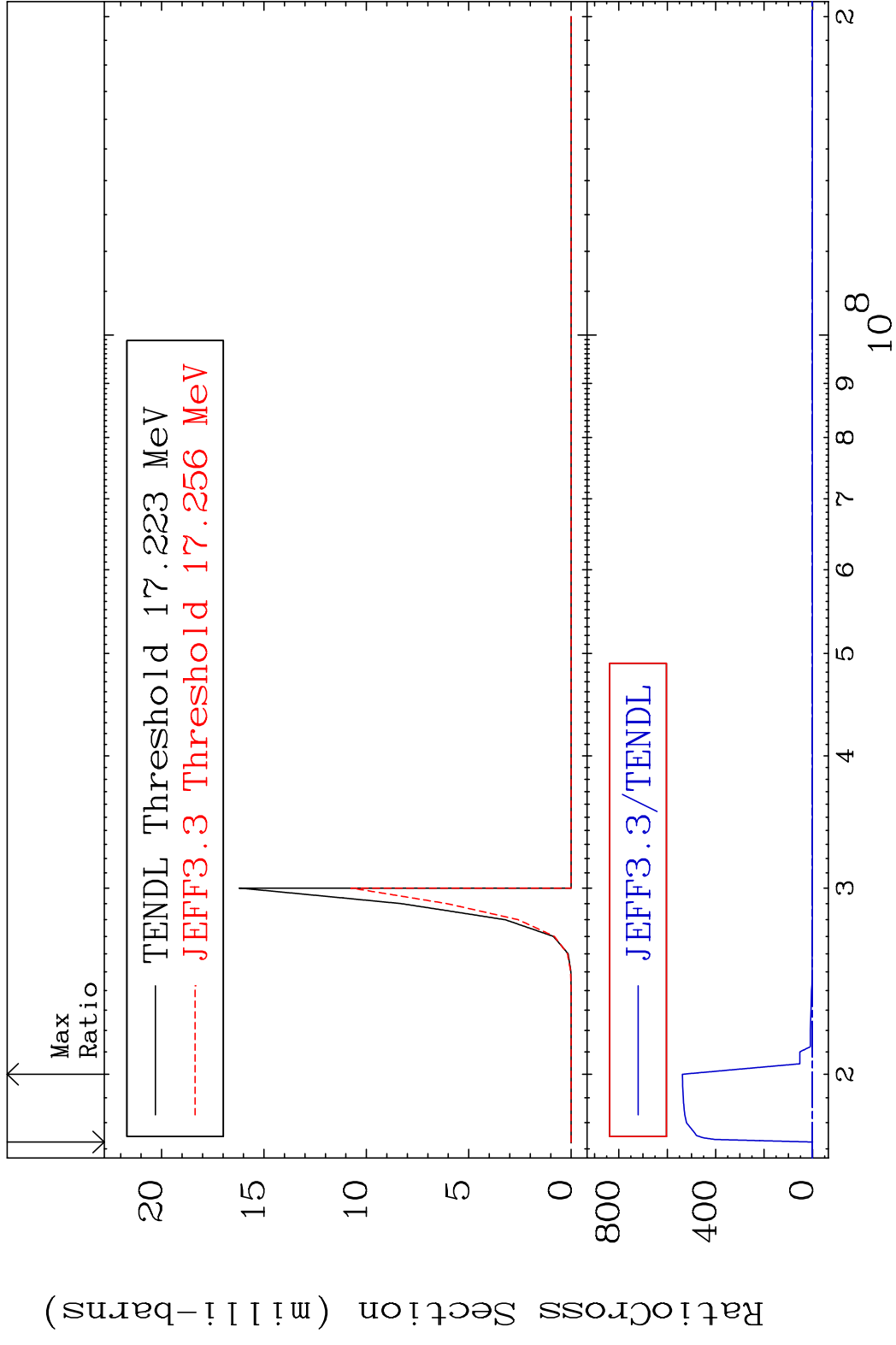
MAT 3643 (n,2n):36-Kr-83g 36-Kr-84
 Radionuclide Production Cross Section 60.18 %

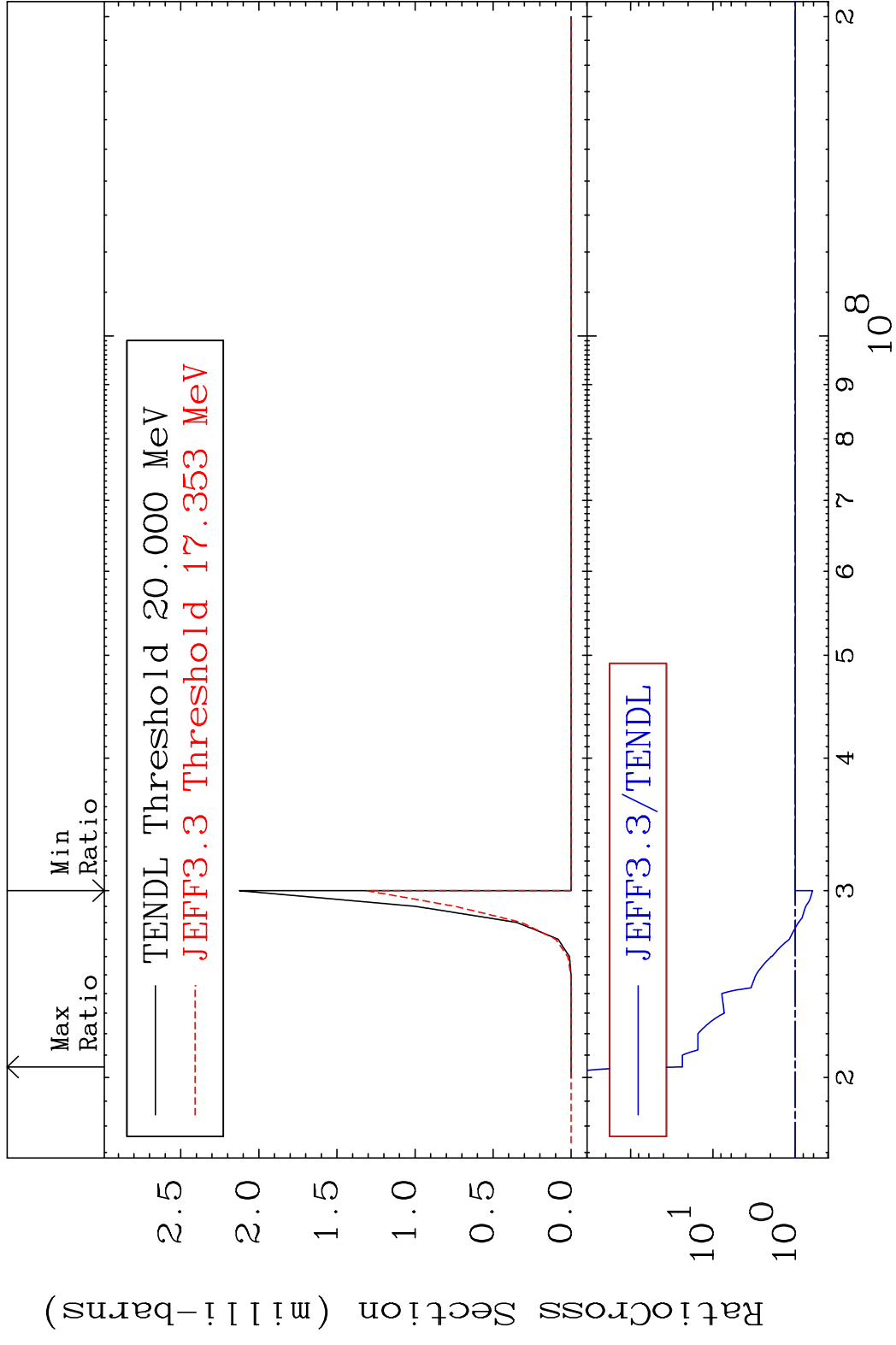


MAT 3643 (n,2n):36-Kr-83m2 36-Kr-84
 Radionuclide Production Cross Section 180.01 dth 86.71 %

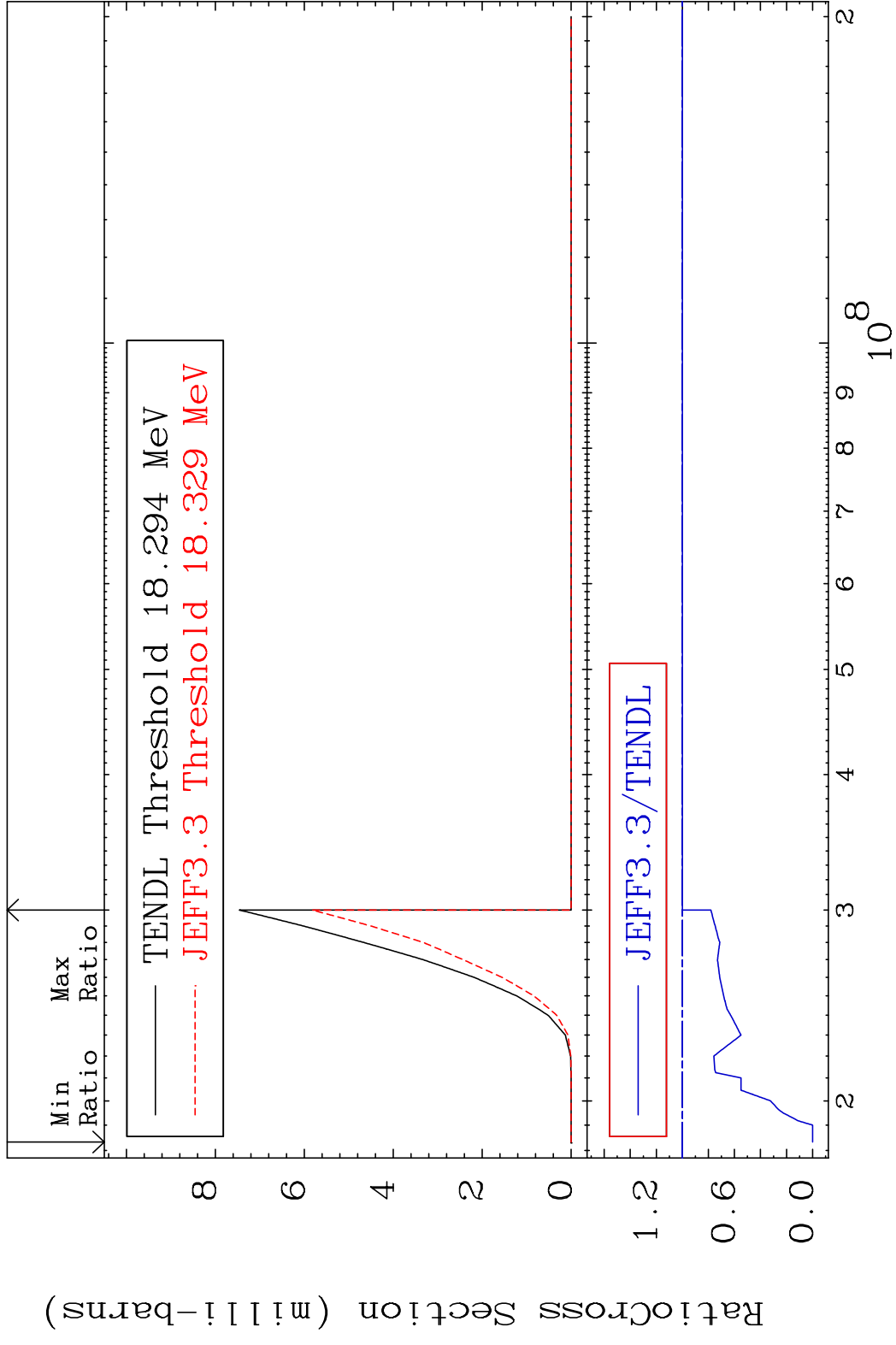


MAT 3643 (n,2n) α :34-Se-79g 36-Kr-84
 Radionuclide Production Cross Section Ratio

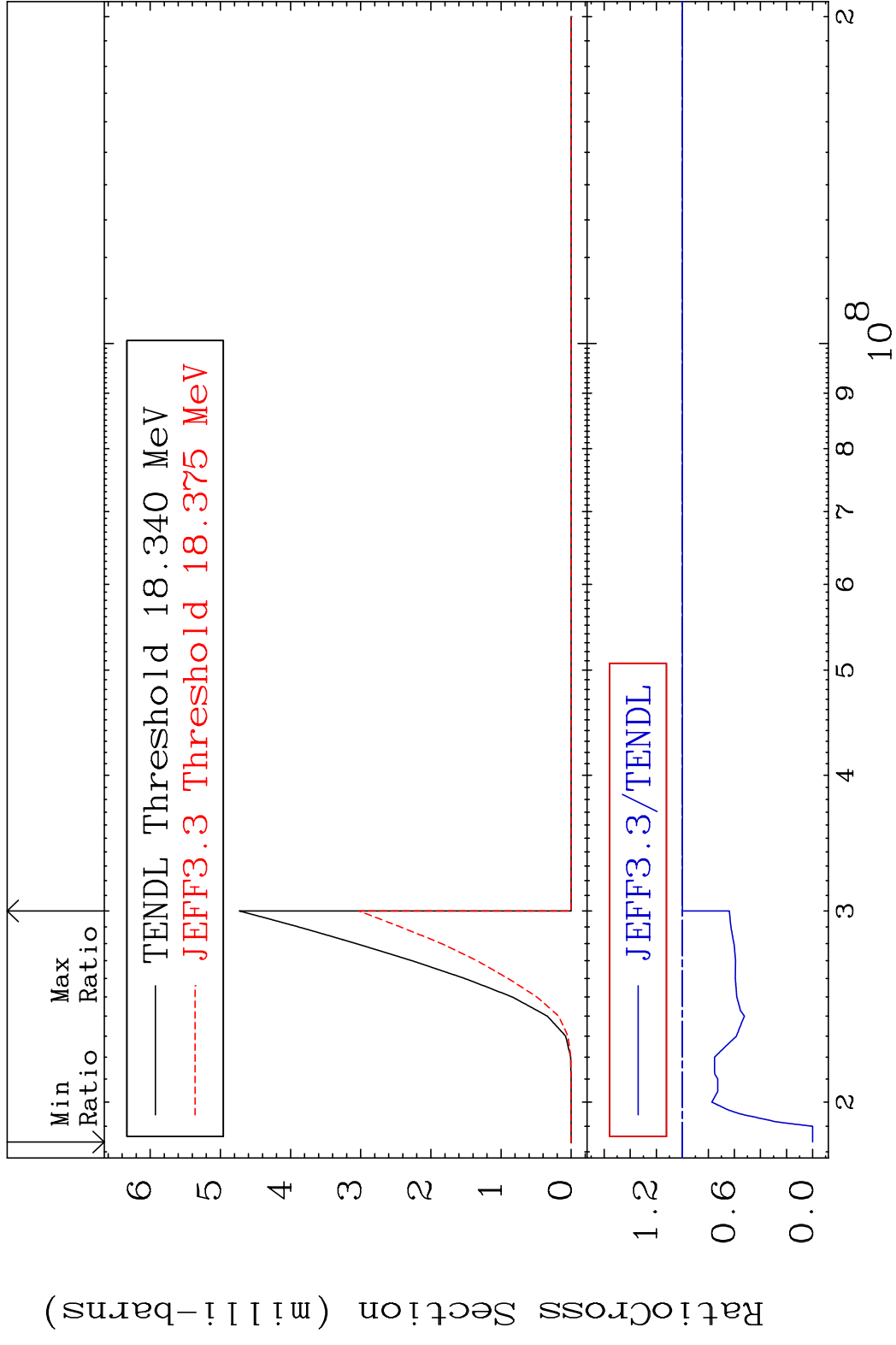


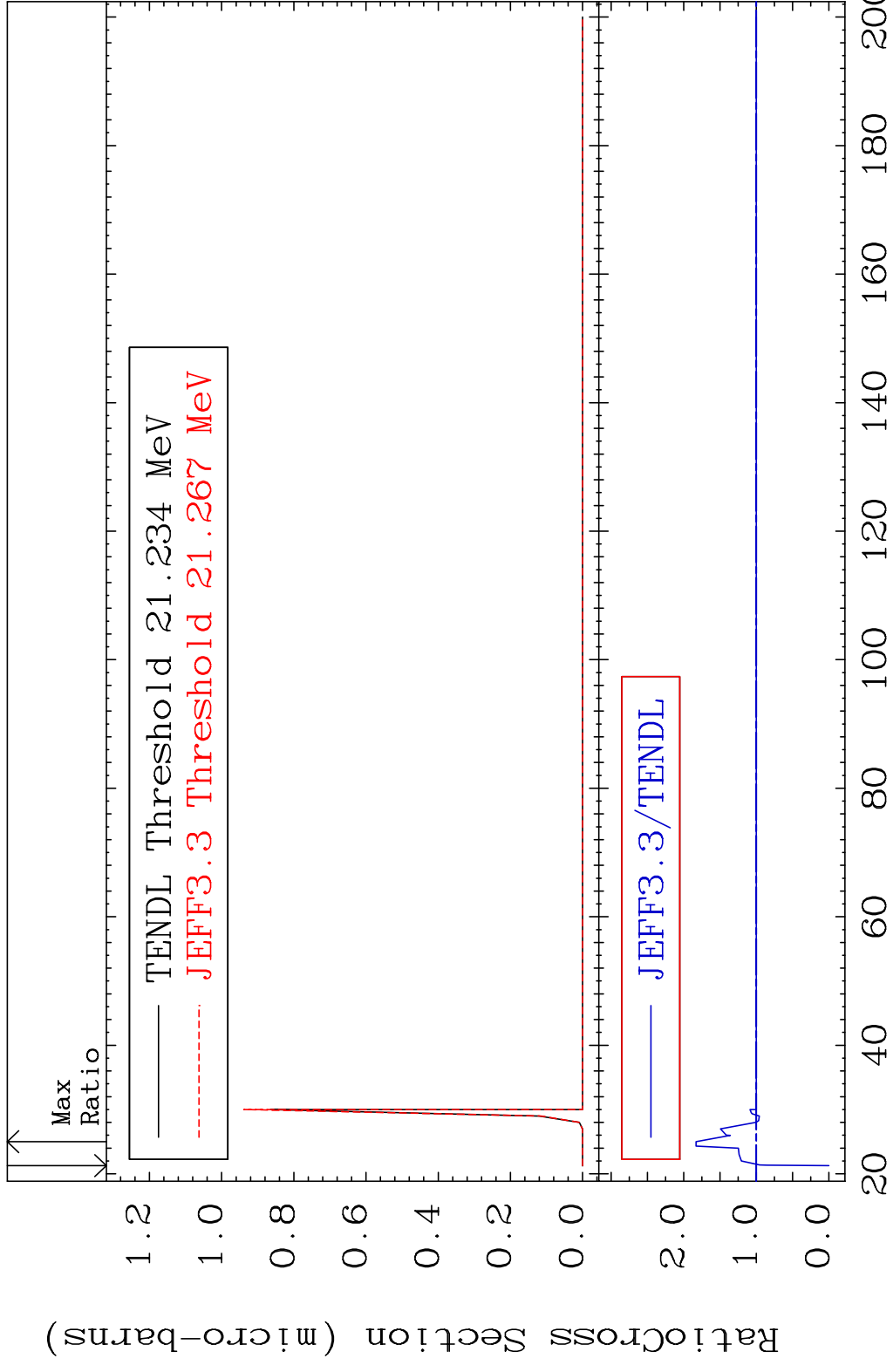


MAT 3643 (n, n') d:35-Br-82g 36-Kr-84
 Radionuclide Production Cross Section 18.329 MeV 0.000 %

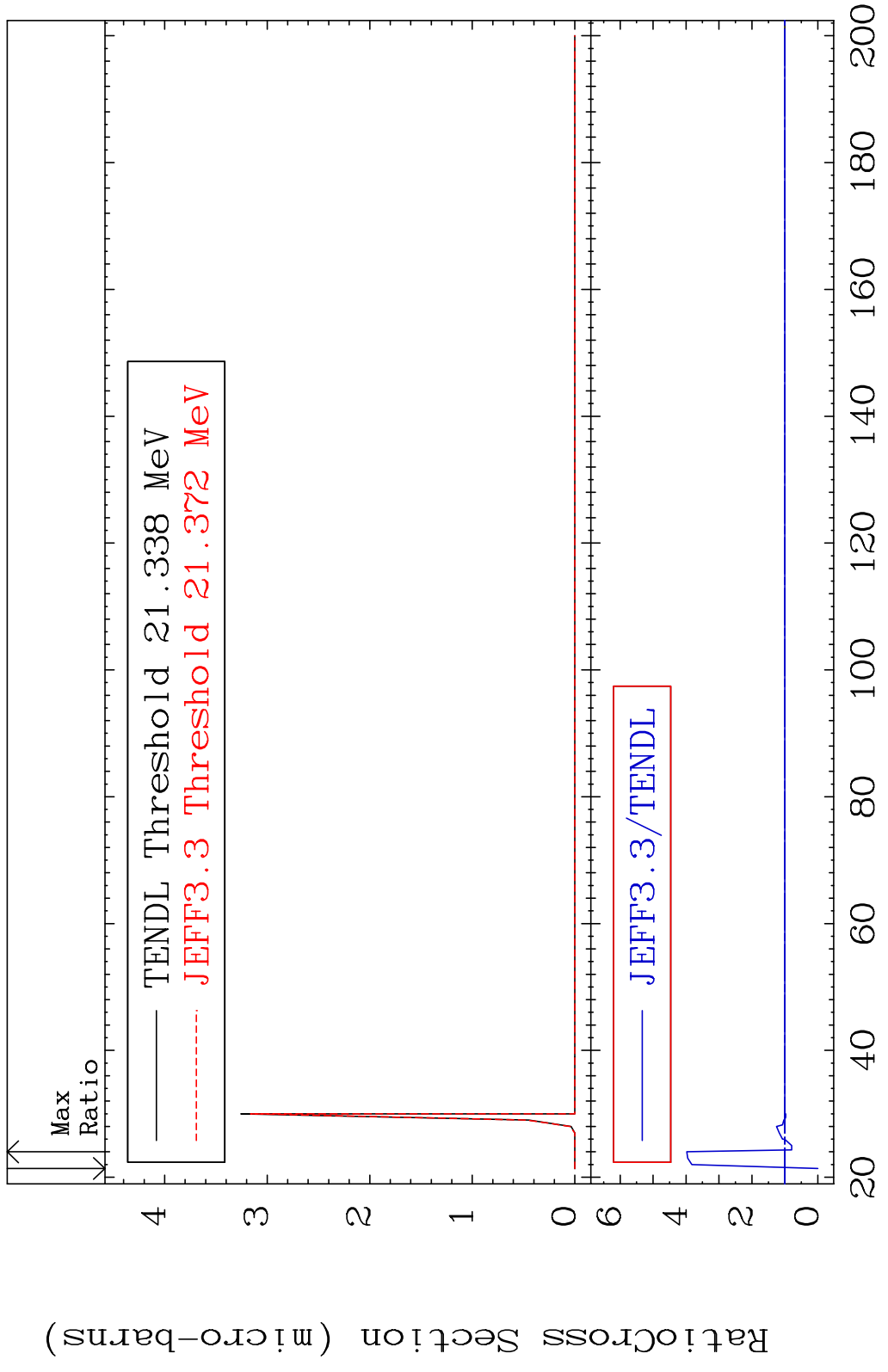


MAT 3643 (n, n') d:35-Br-82m1 36-Kr-84
 Radionuclide Production Cross Section Ratio 0.000 %

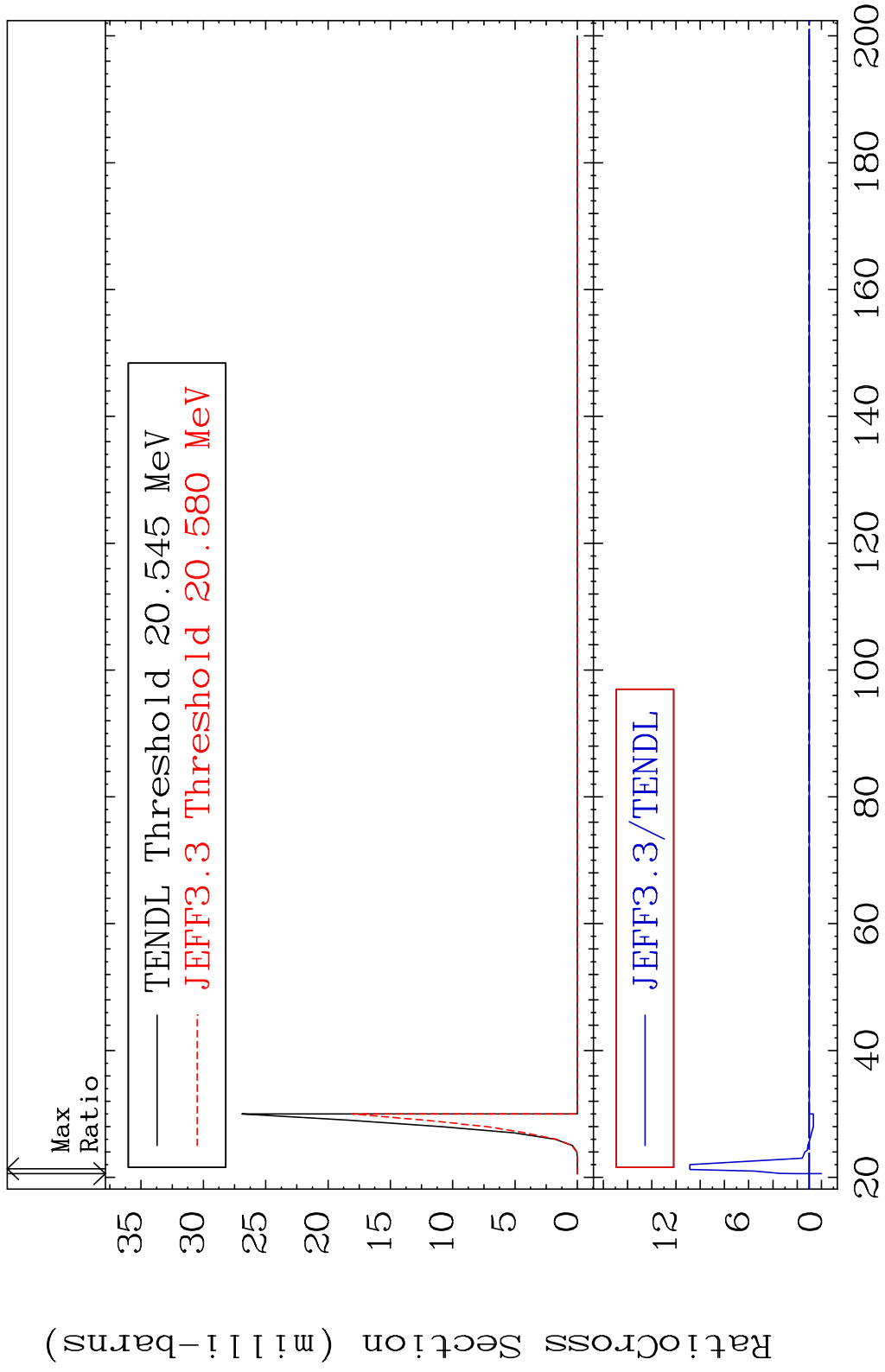




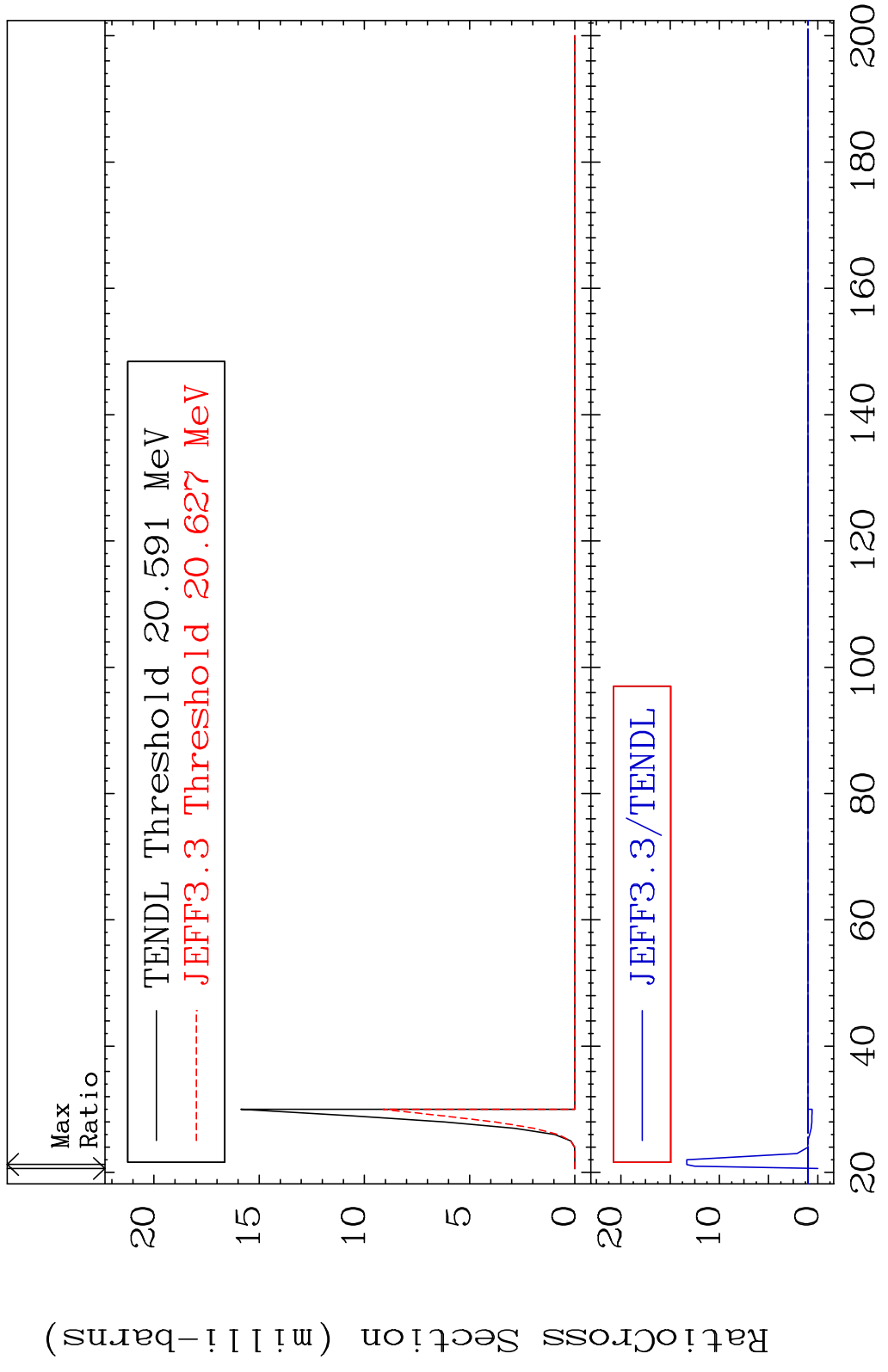
MAT 3643 (n, n') He-3:34-Se-81m1 36-Kr-84
 Radionuclide Production Cross Section Ratio 297.8 %



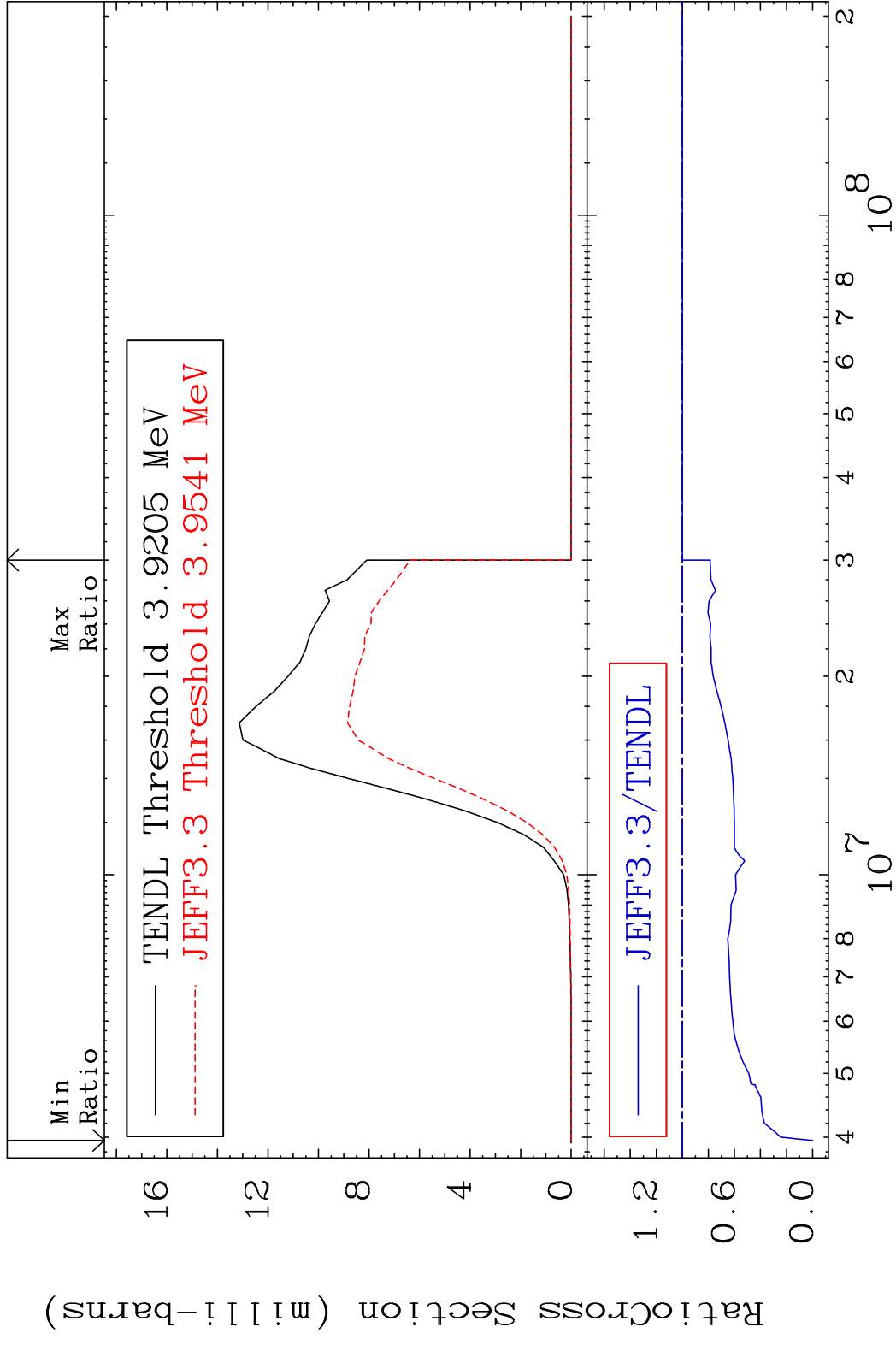
MAT 3643 (n,2n) p:35-Br-82g 36-Kr-84
 Radionuclide Production Cross Section 180c01.d10 986.3 %



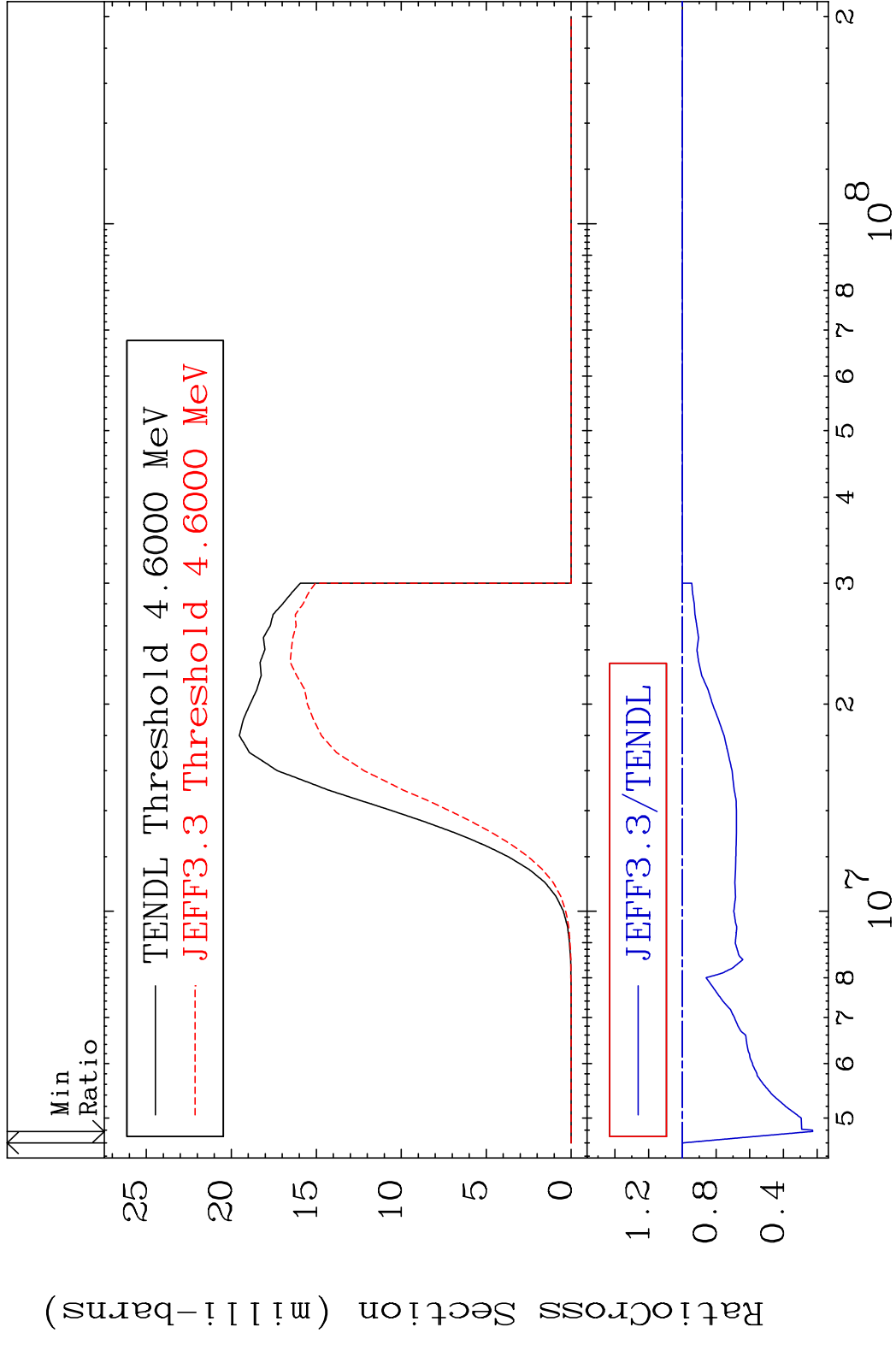
MAT 3643 (n,2n) p:35-Br-82m1 36-Kr-84
 Radionuclide Production Cross Section 1800 d to 1232. %



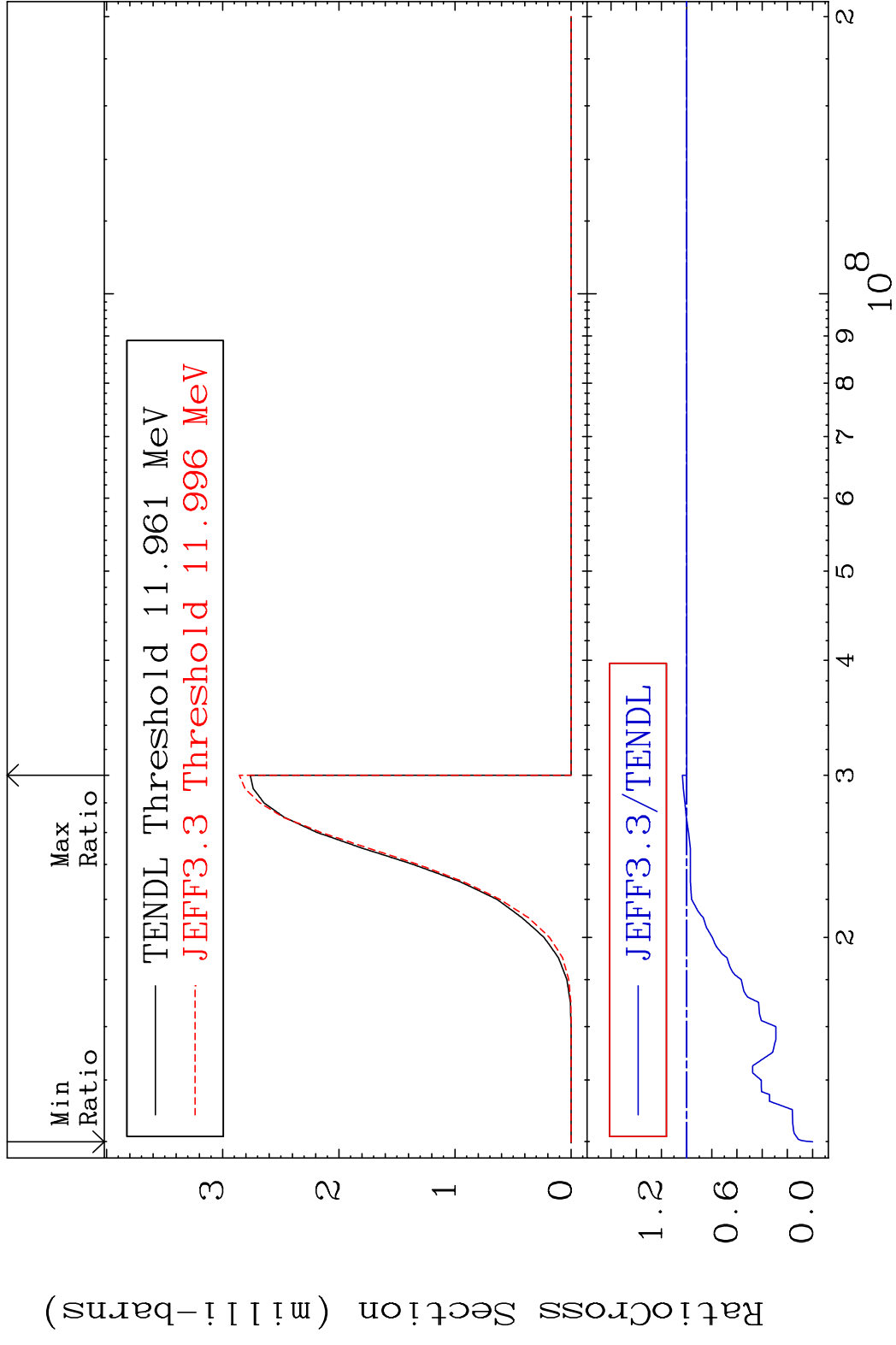
MAT 3643 (n, p): 35-Br-84g 36-Kr-84
 Radionuclide Production Cross Section 0.000 %



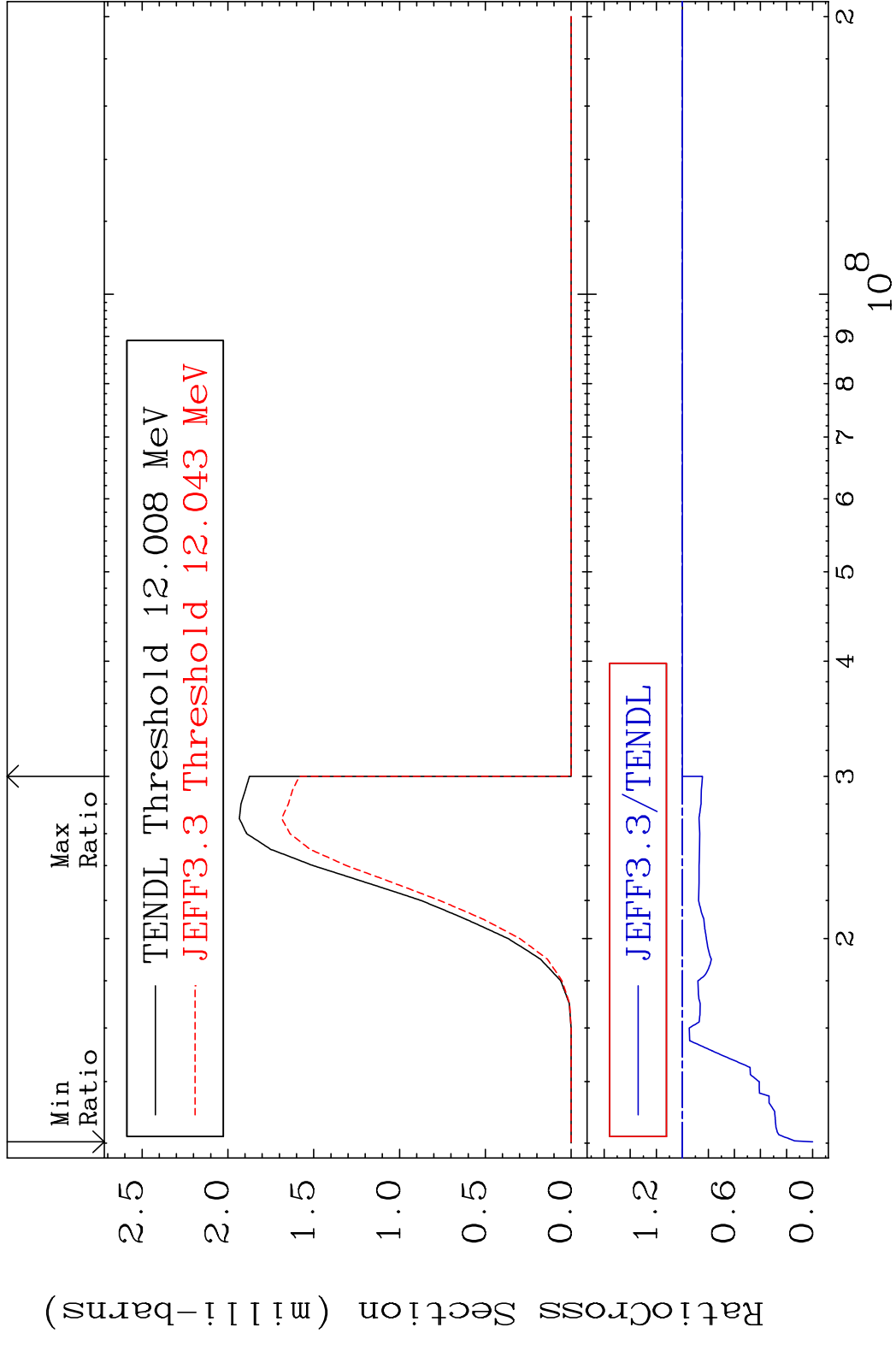
MAT 3643 (n,p):35-Br-84m1 36-Kr-84
 Radionuclide Production Cross Section 0.000 %



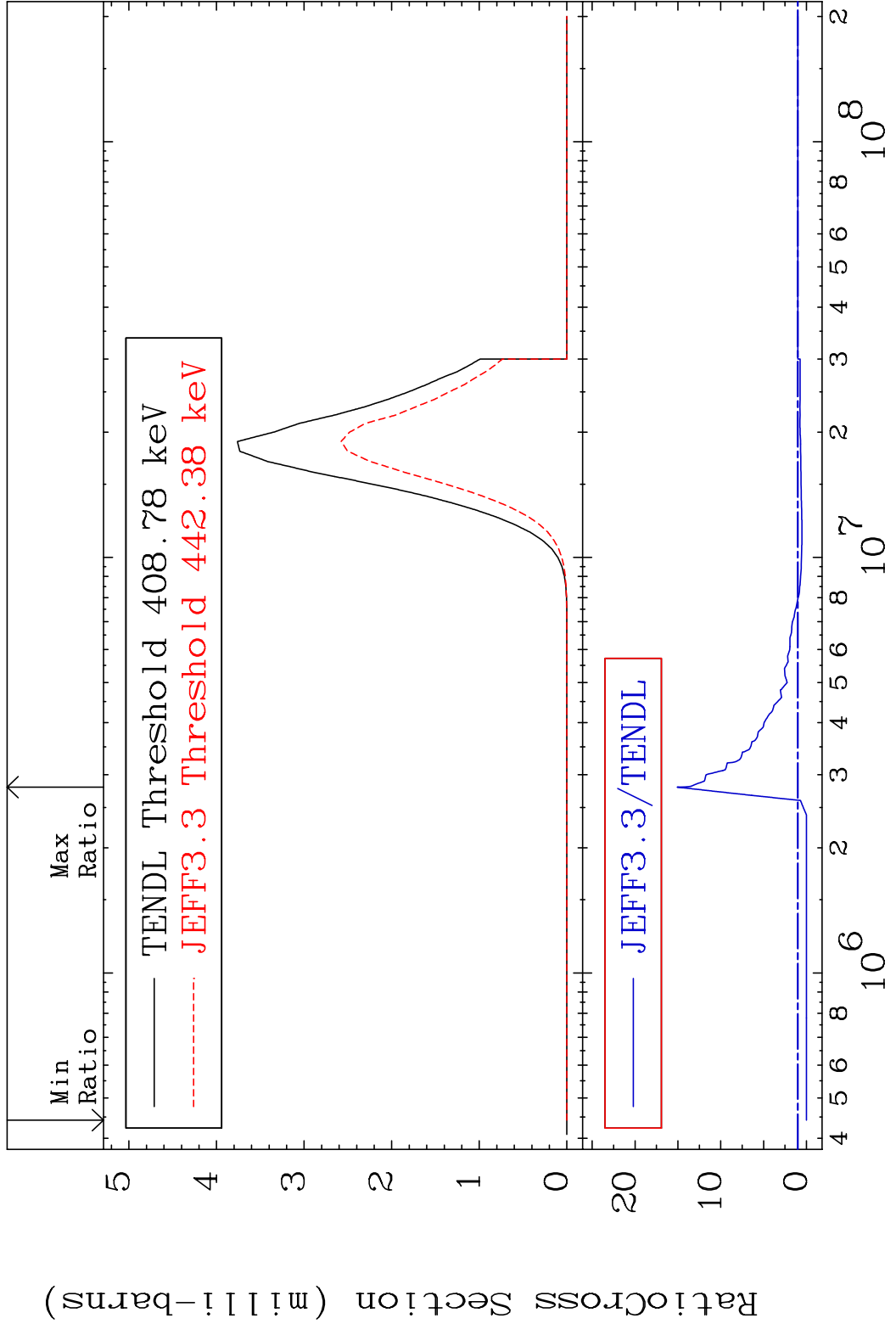
MAT 3643 (n, t): 35-Br-82g 36-Kr-84
 Radionuclide Production Cross Section Ratio 3.382 %



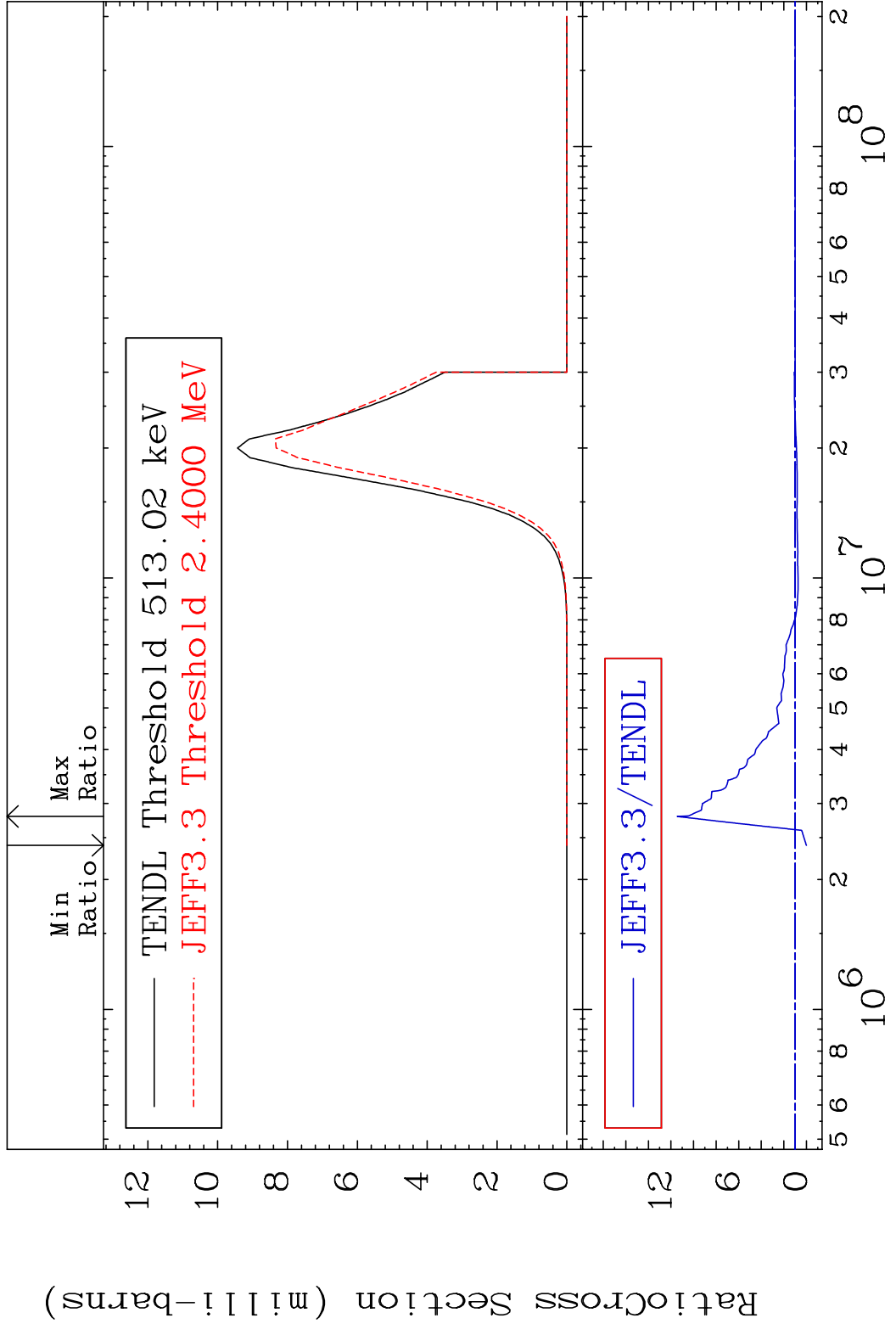
MAT 3643 (n, t):35-Br-82m1 36-Kr-84
 Radionuclide Production Cross Section 180.01 dno 0.000 %



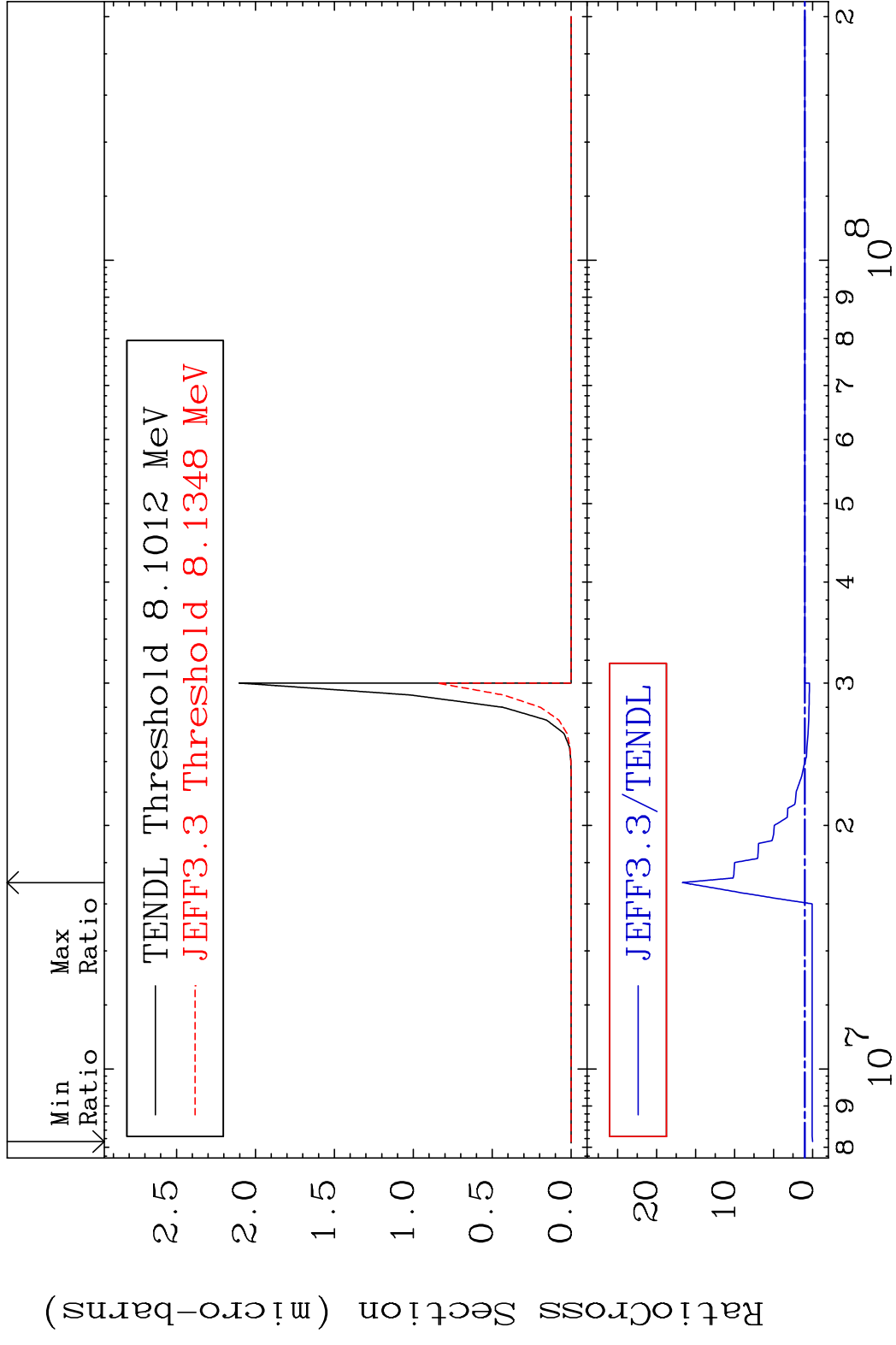
MAT 3643 (n, α):34-Se-81g 36-Kr-84
 Radionuclide Production Cross Section Ratio 1408. %

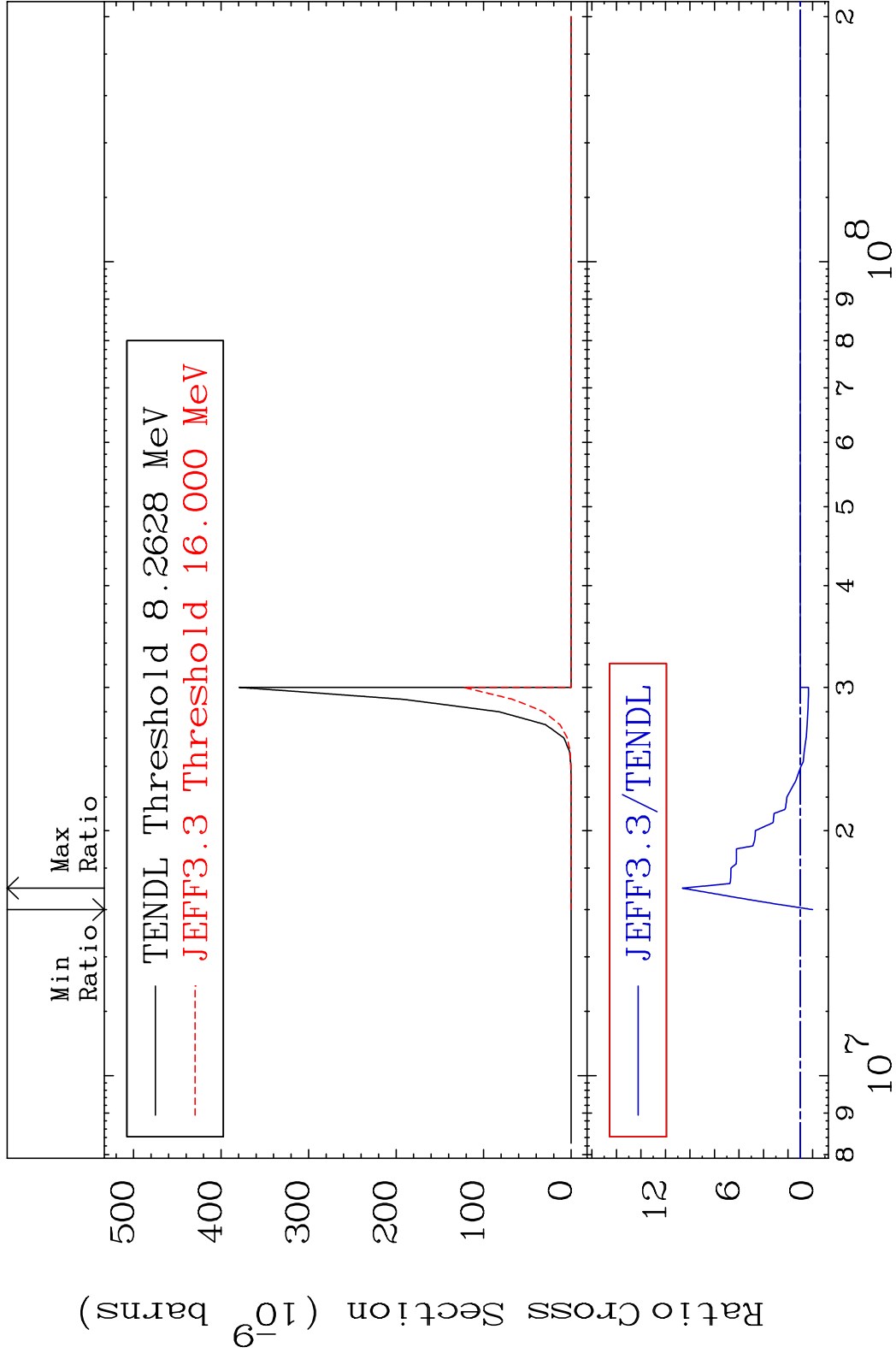


MAT 3643 (n,α):34-Se-81m1 36-Kr-84
 Radionuclide Production Cross Section 100.00 to 1045. %

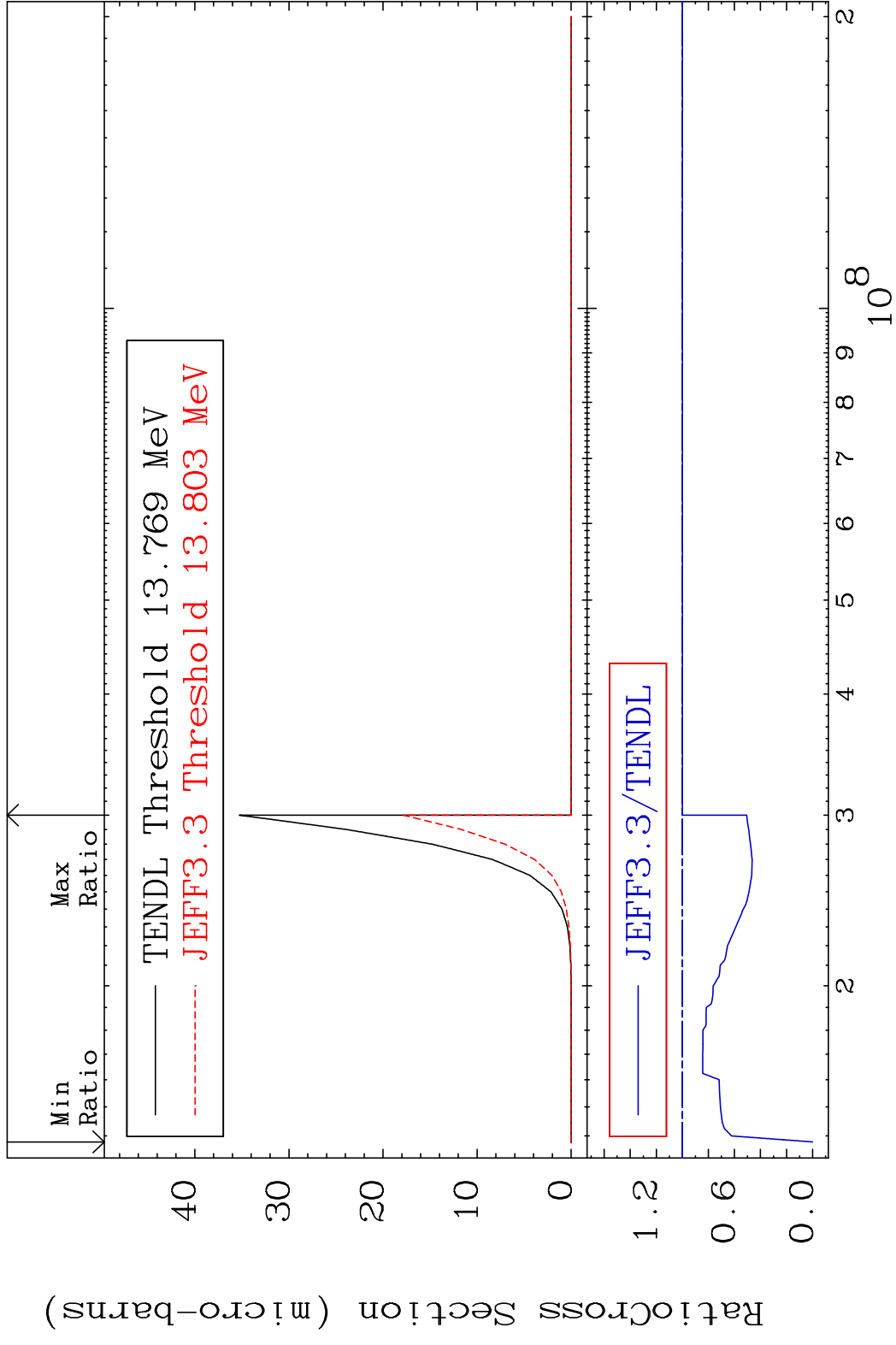


MAT 3643 (n,2α):32-Ge-77g 36-Kr-84
 Radionuclide Production Cross Section 1571. %

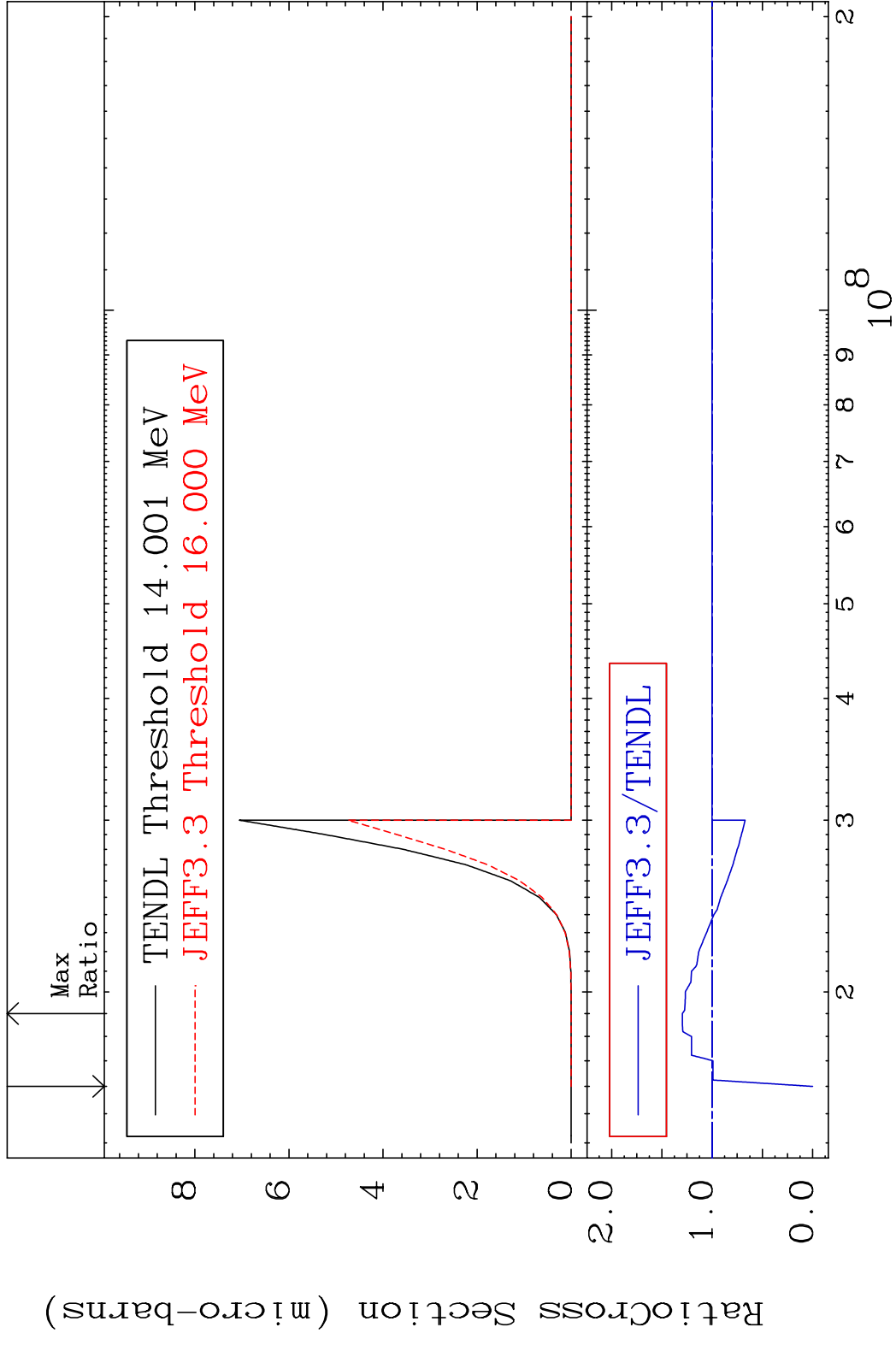




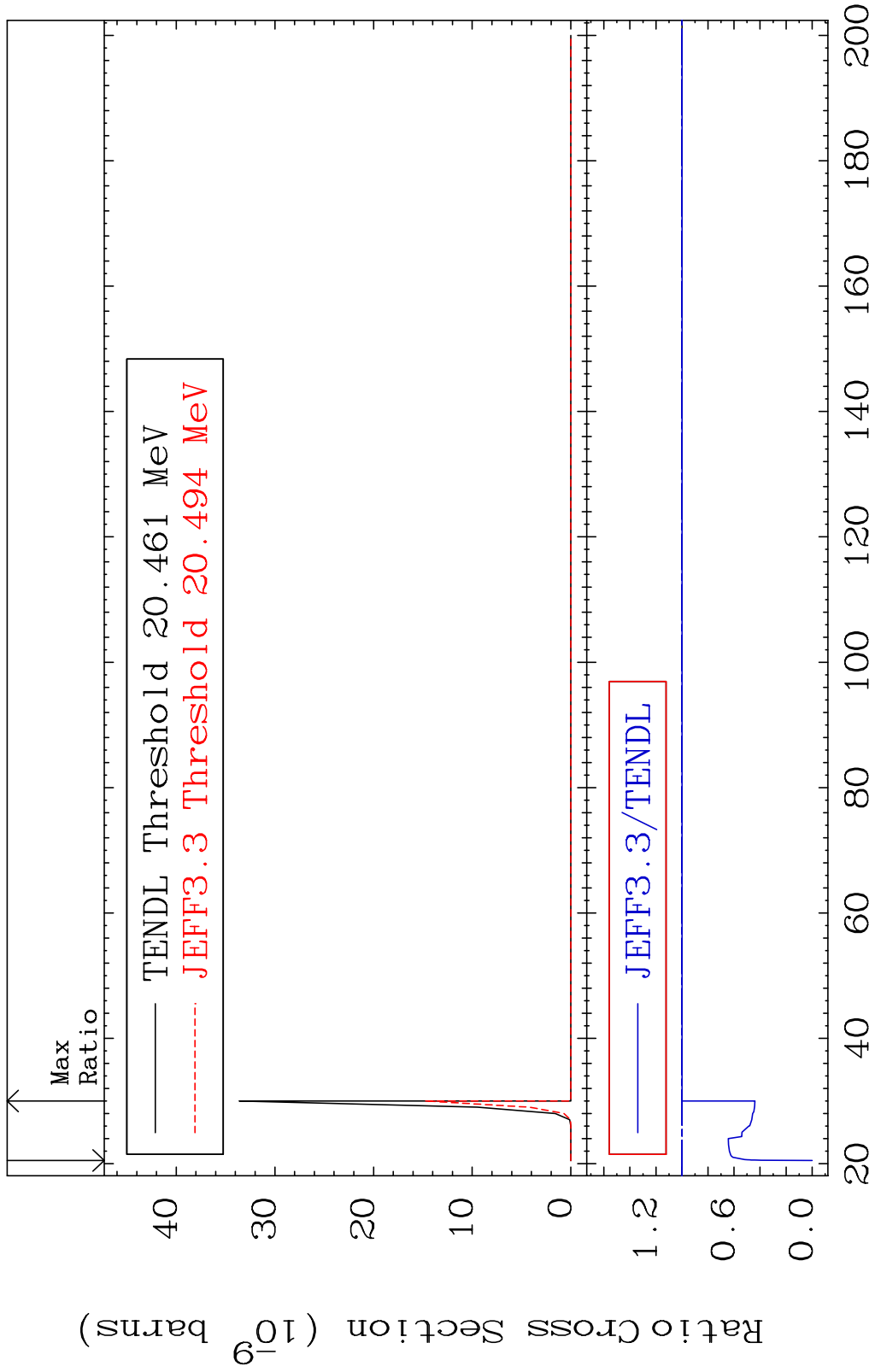
MAT 3643 (n,2p):34-Se-83g 36-Kr-84
 Radionuclide Production Cross Section Ratio 0.000 %



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 %

