

Program Complot
(Version 2021-1)

by

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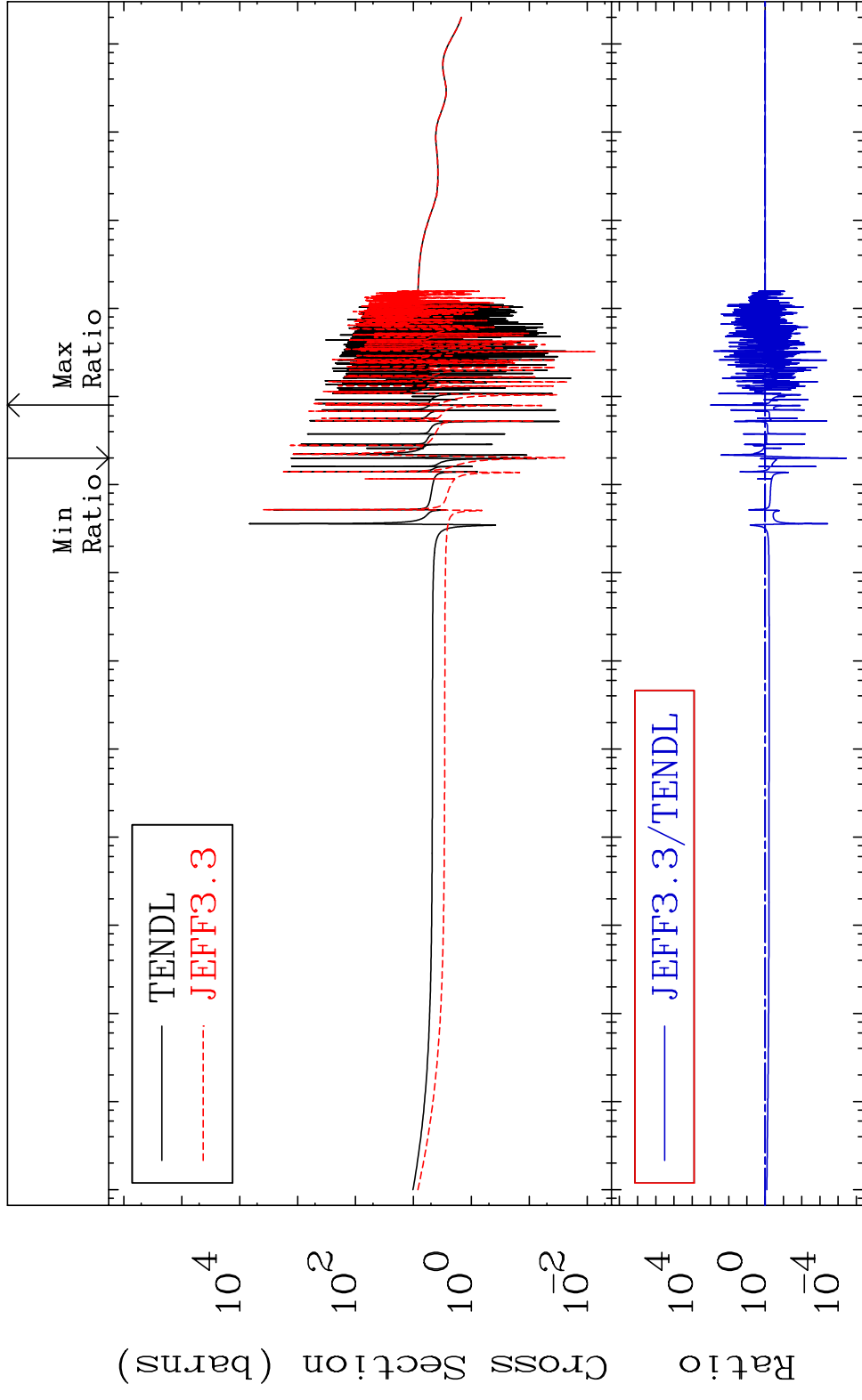
Press Mouse Button to Start

MAT 3643

36-Kr-84

Total

Cross Section -100.0 To 9999. %



1

Incident Energy (eV)

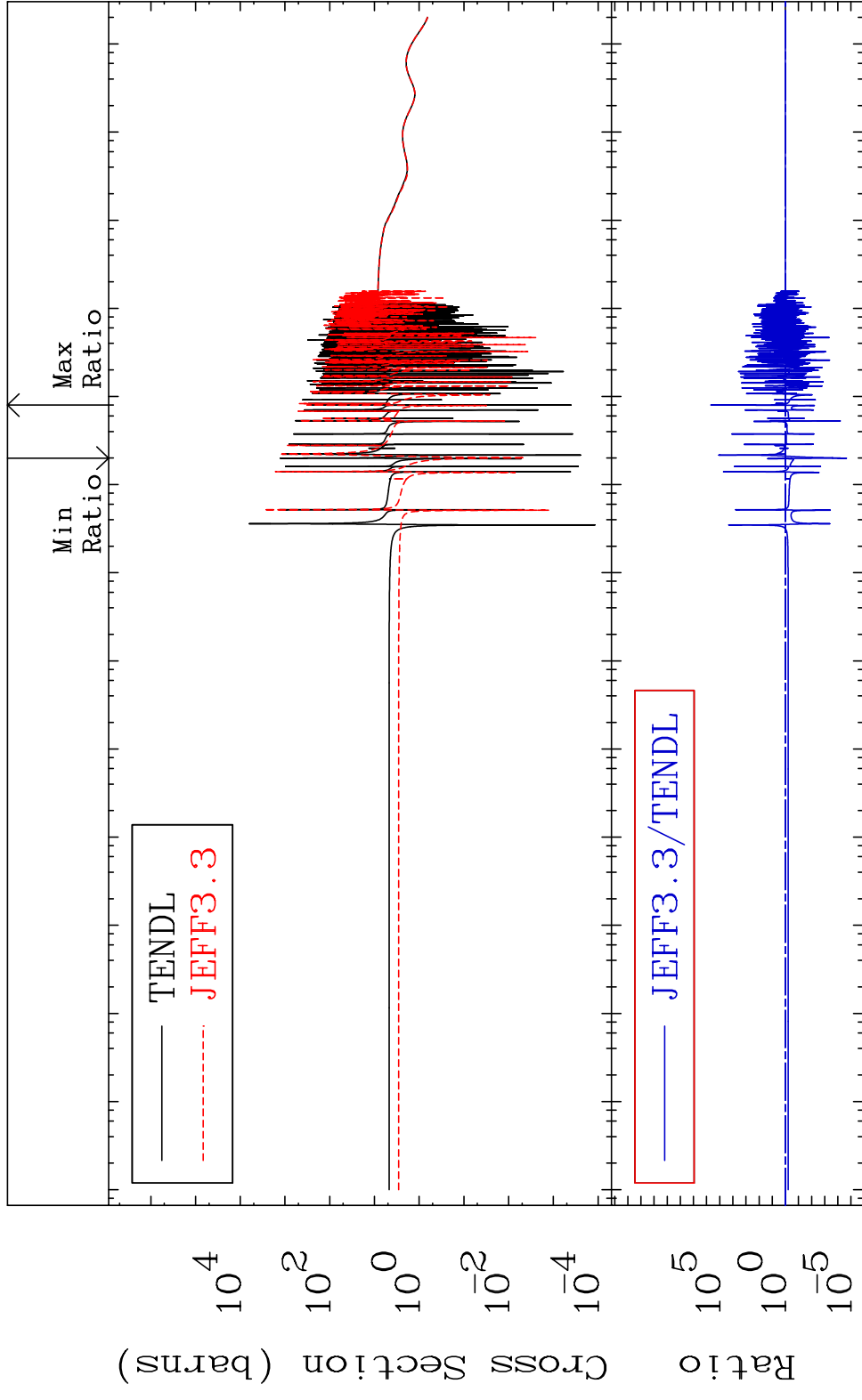
36-Kr-84

MAT 3643

36-Kr-84

Elastic

Cross Section -100.0 To 9999. %

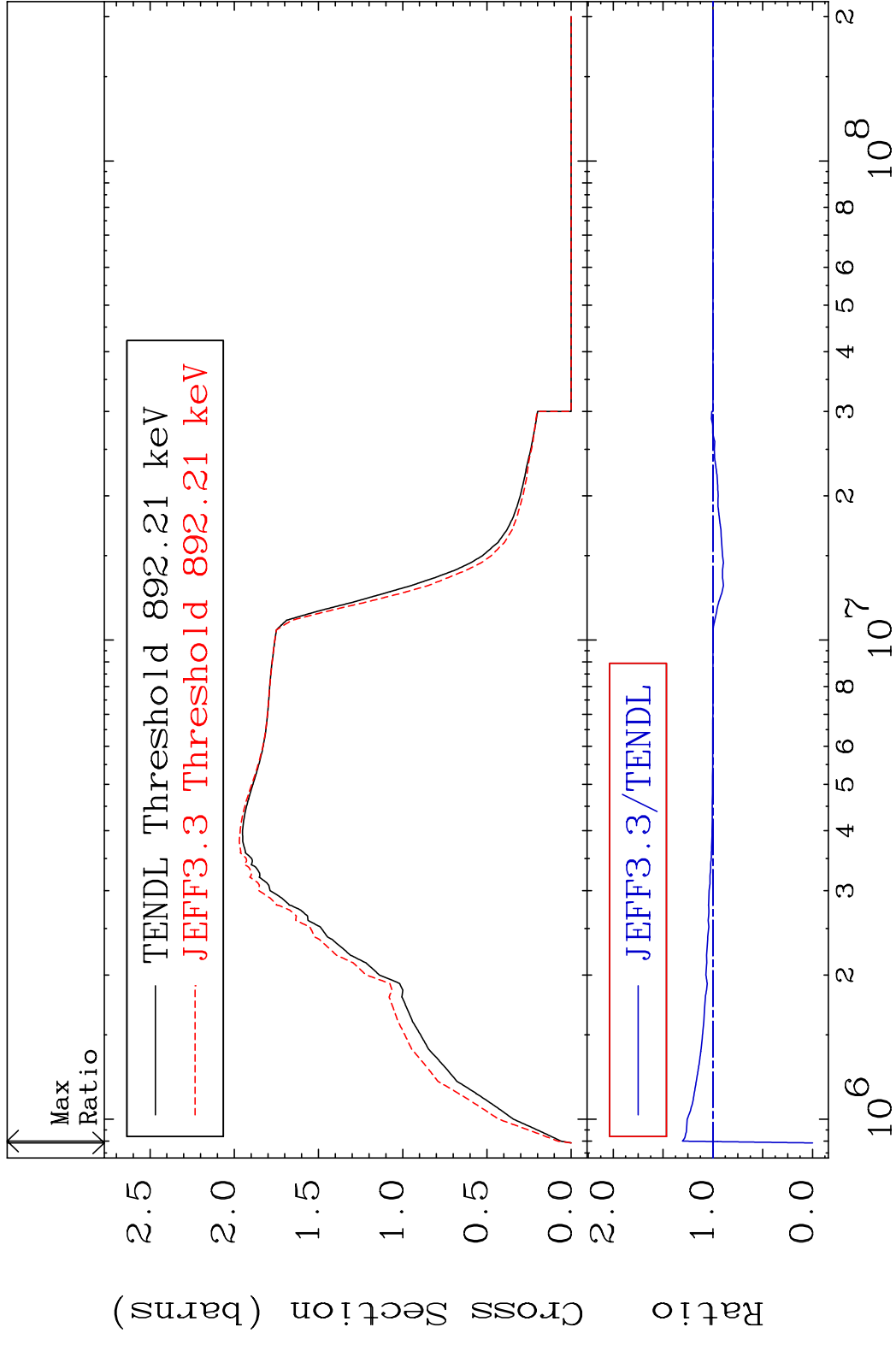


2

Incident Energy (eV)

36-Kr-84

MAT 3643 Inelastic 36-Kr-84
 Cross Section -100.0 To 30.62 %



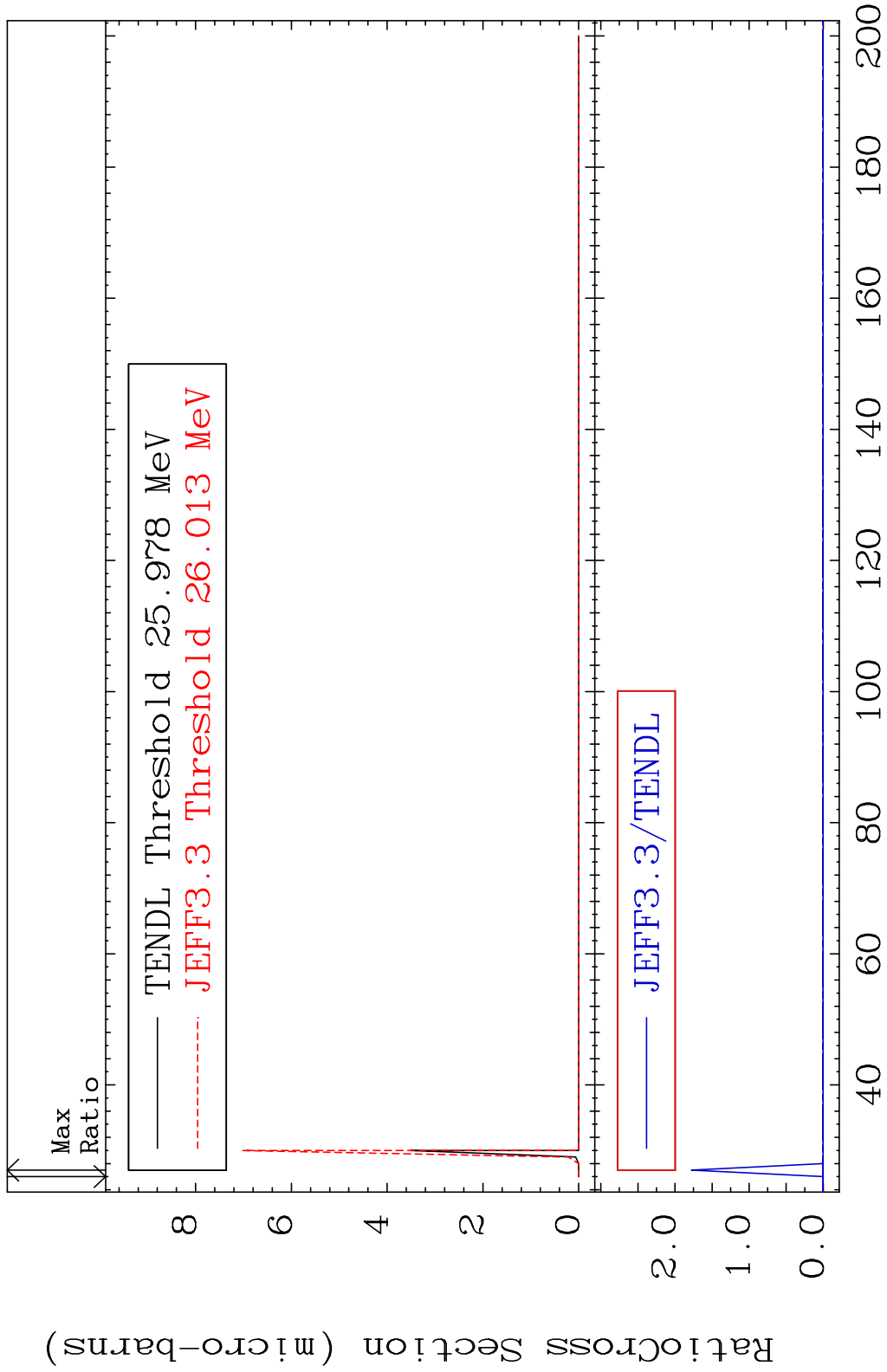
3 Incident Energy (eV) 36-Kr-84

MAT 3643

(n,2n) d

36-Kr-84

Cross Section -100.0 To 9999. %

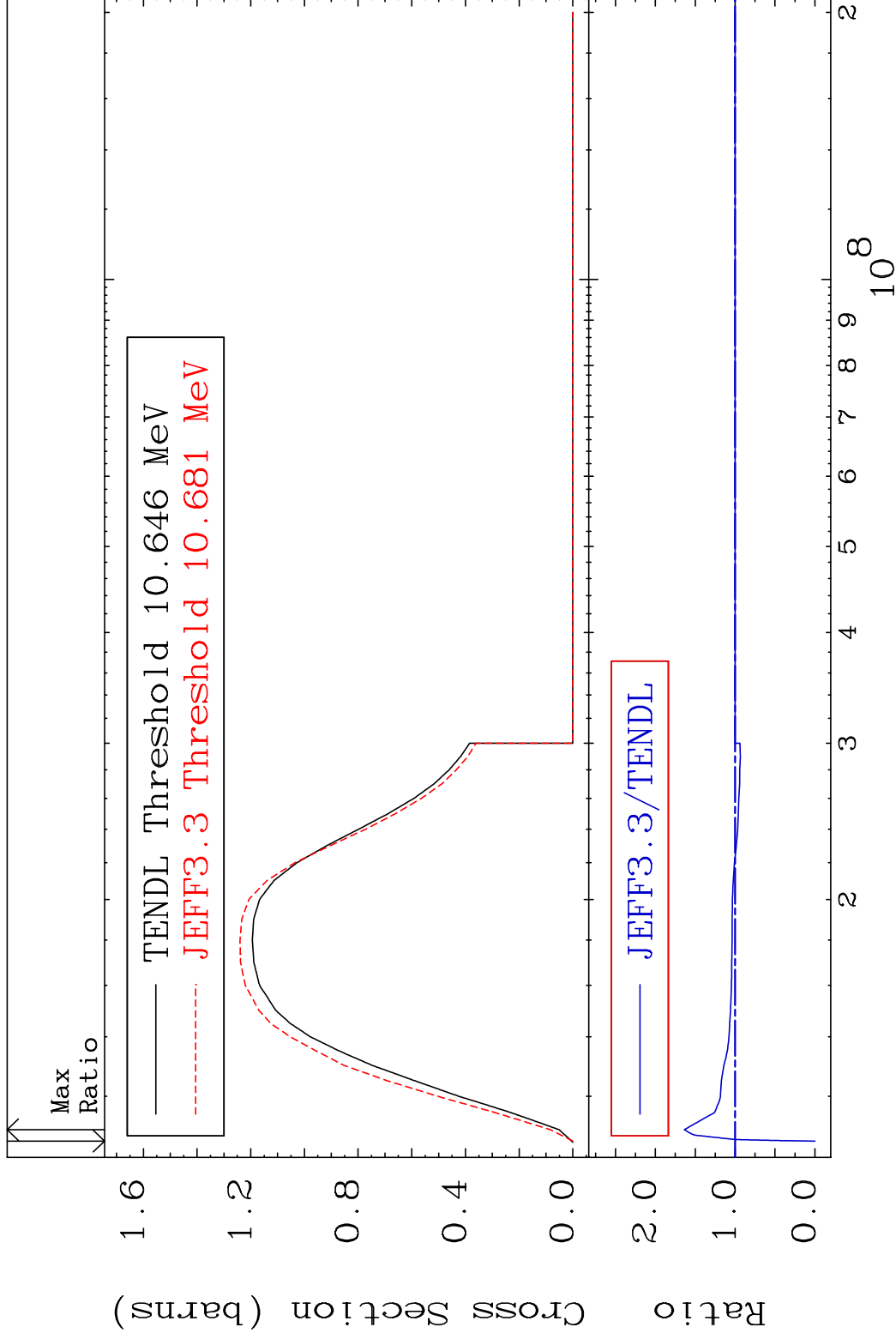


MAT 3643

(n,2n)

36-Kr-84

Cross Section -100.0 To 63.71 %



5

Incident Energy (eV)

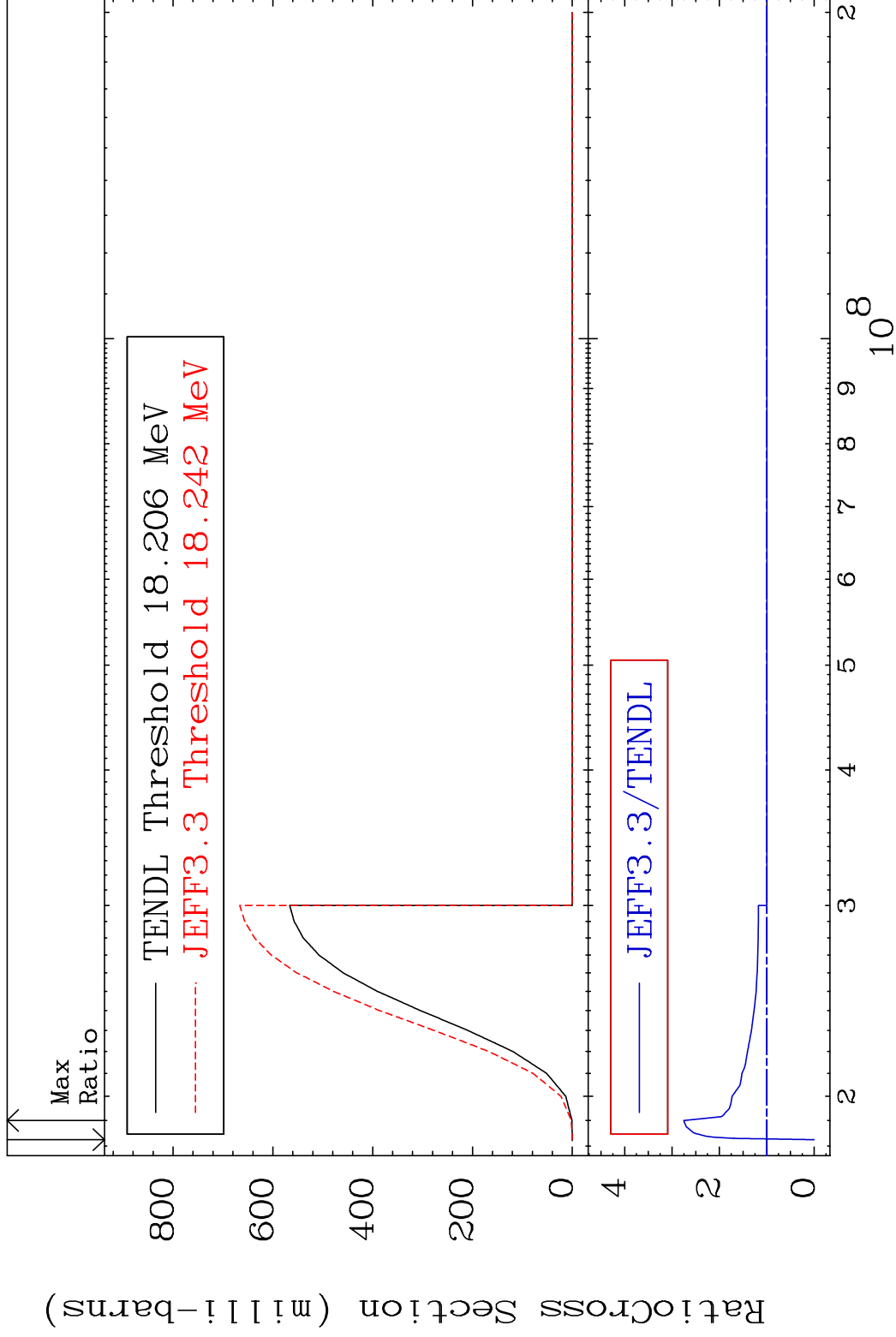
36-Kr-84

MAT 3643

(n,3n)

36-Kr-84

Cross Section -100.0 To 175.4 %

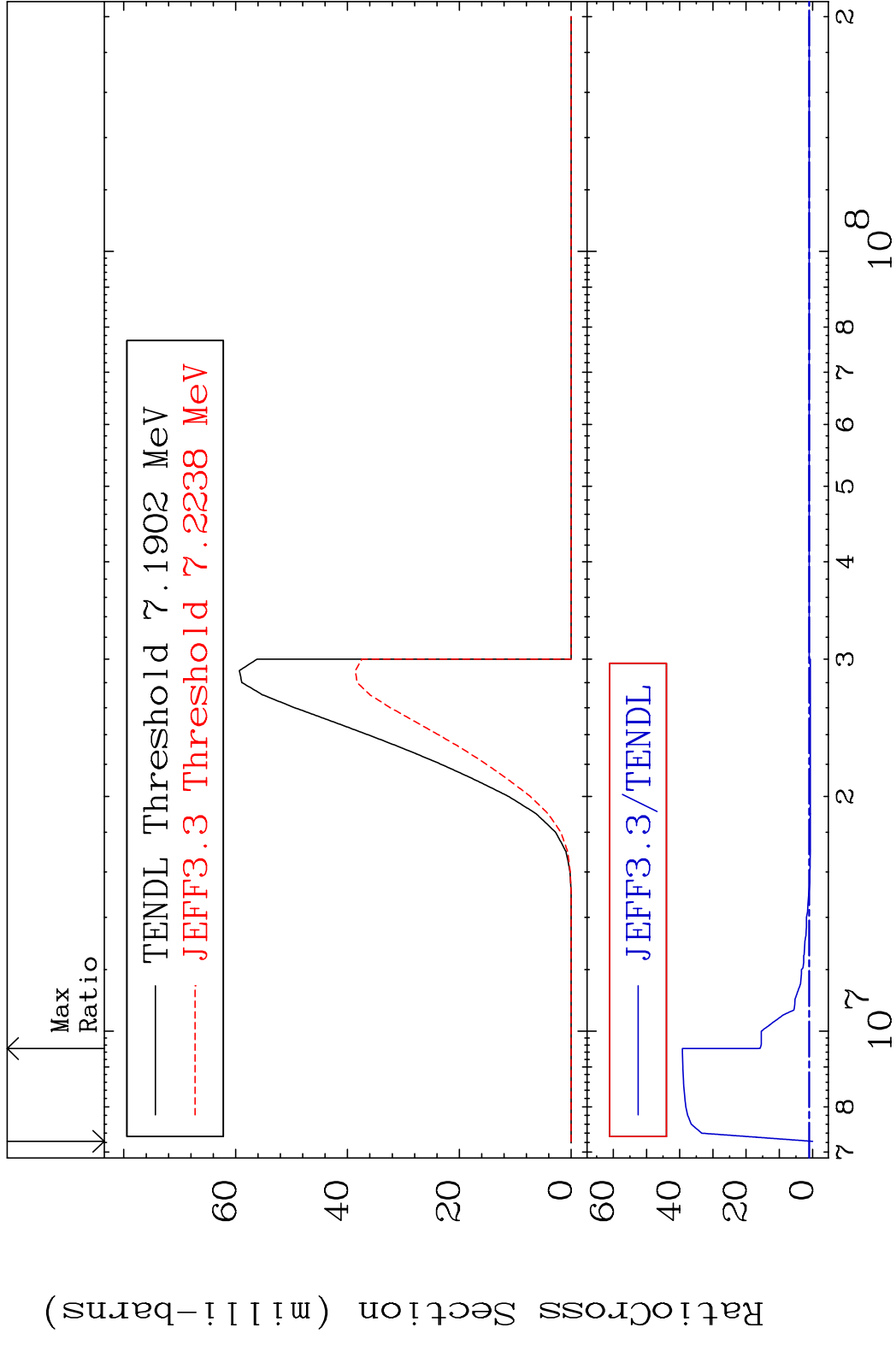


6

Incident Energy (eV)

36-Kr-84

MAT 3643 $(n, n') \alpha$ 36-Kr-84
 Cross Section -100.0 To 3820. %



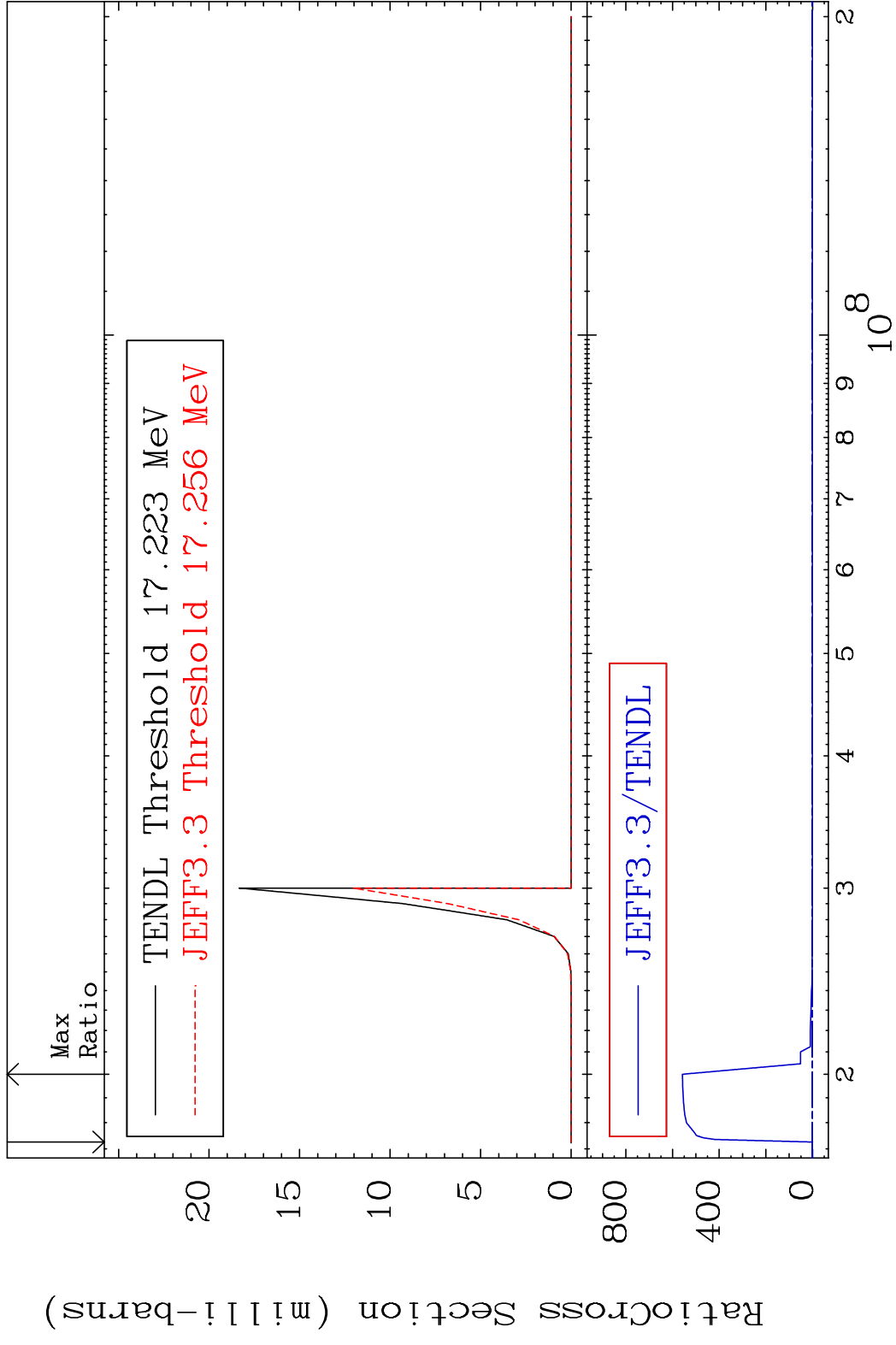
7 Incident Energy (eV) 36-Kr-84

MAT 3643

(n,2n) α

36-Kr-84

Cross Section -100.0 To 9999. %

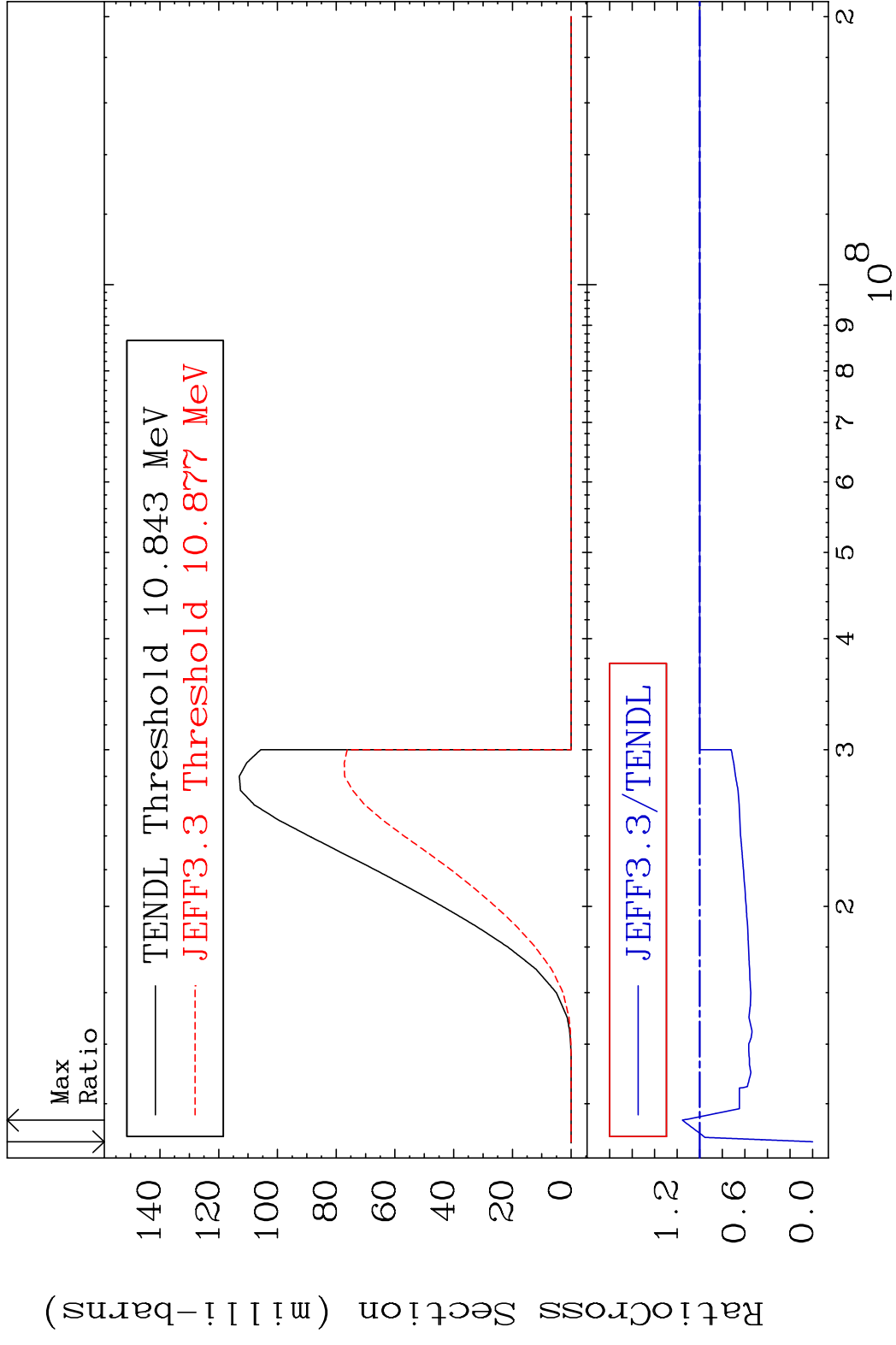


8

Incident Energy (eV)

36-Kr-84

MAT 3643 (n, n') p 36-Kr-84
 Cross Section -100.0 To 15.45 %

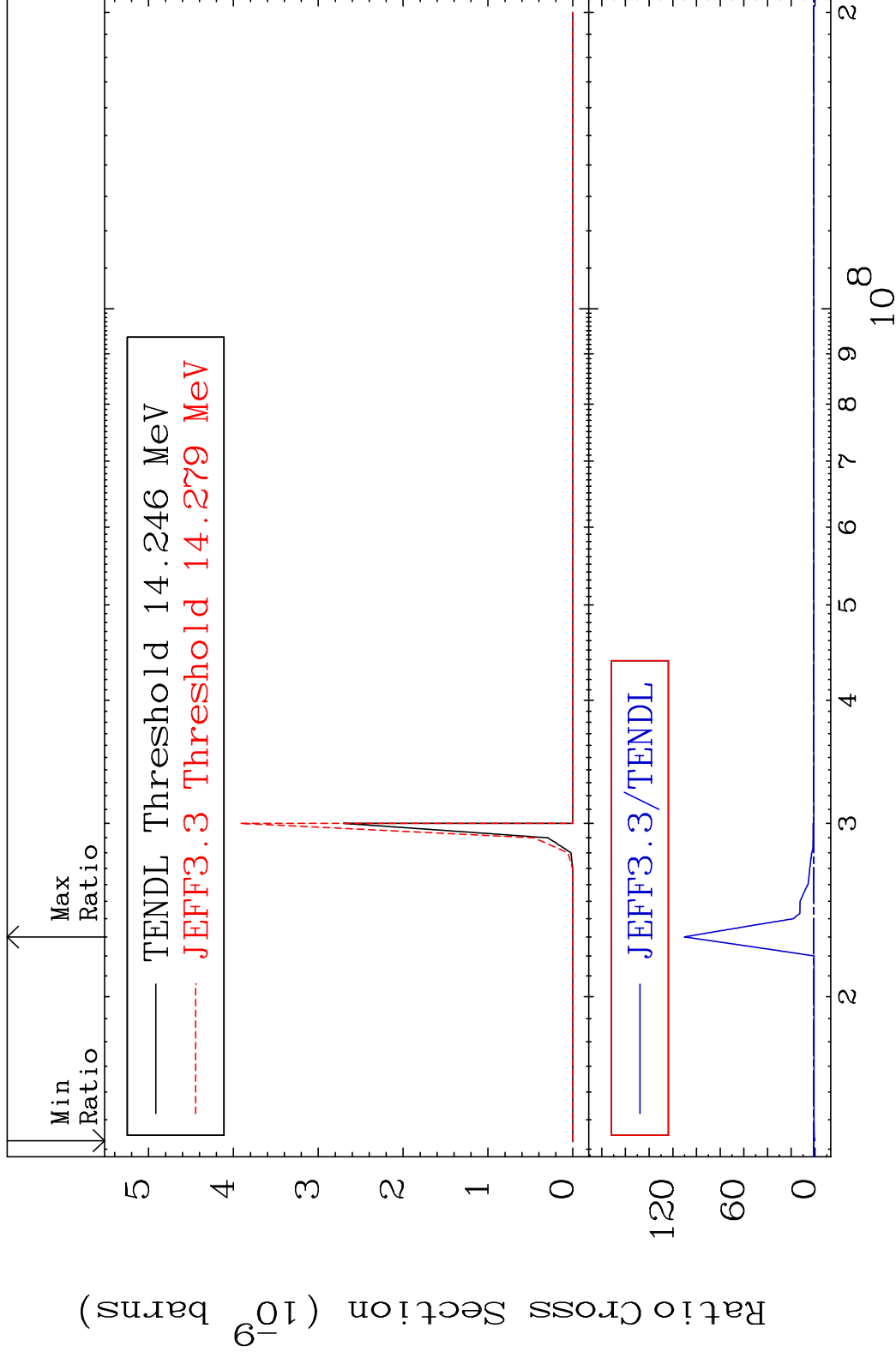


MAT 3643

(n, n') 2 α

36-Kr-84

Cross Section -100.0 To 9999. %

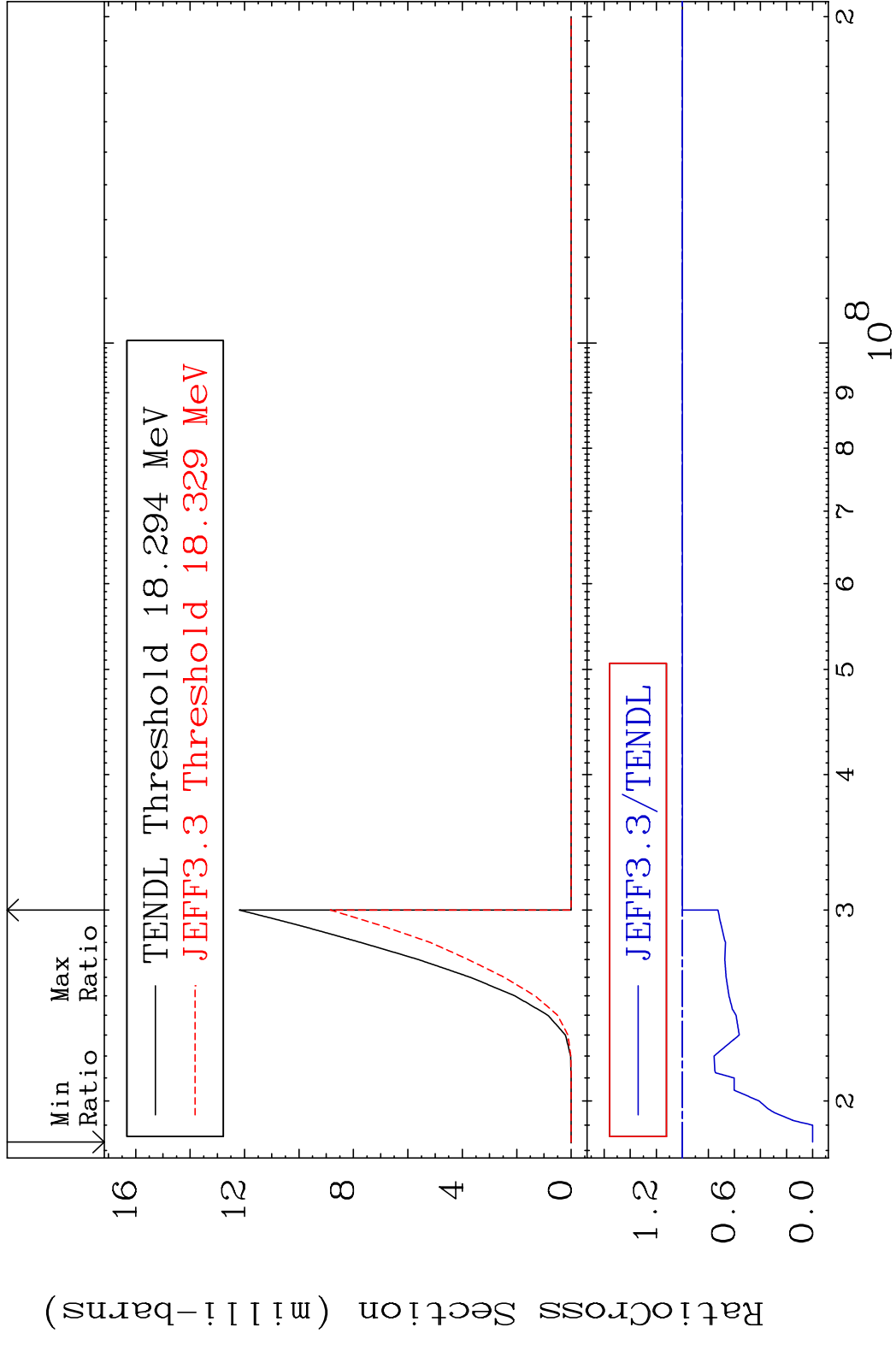


10

Incident Energy (eV)

36-Kr-84

MAT 3643 (n, n') d ^{36}Kr -84
 Cross Section -100.0 To 0.000 %

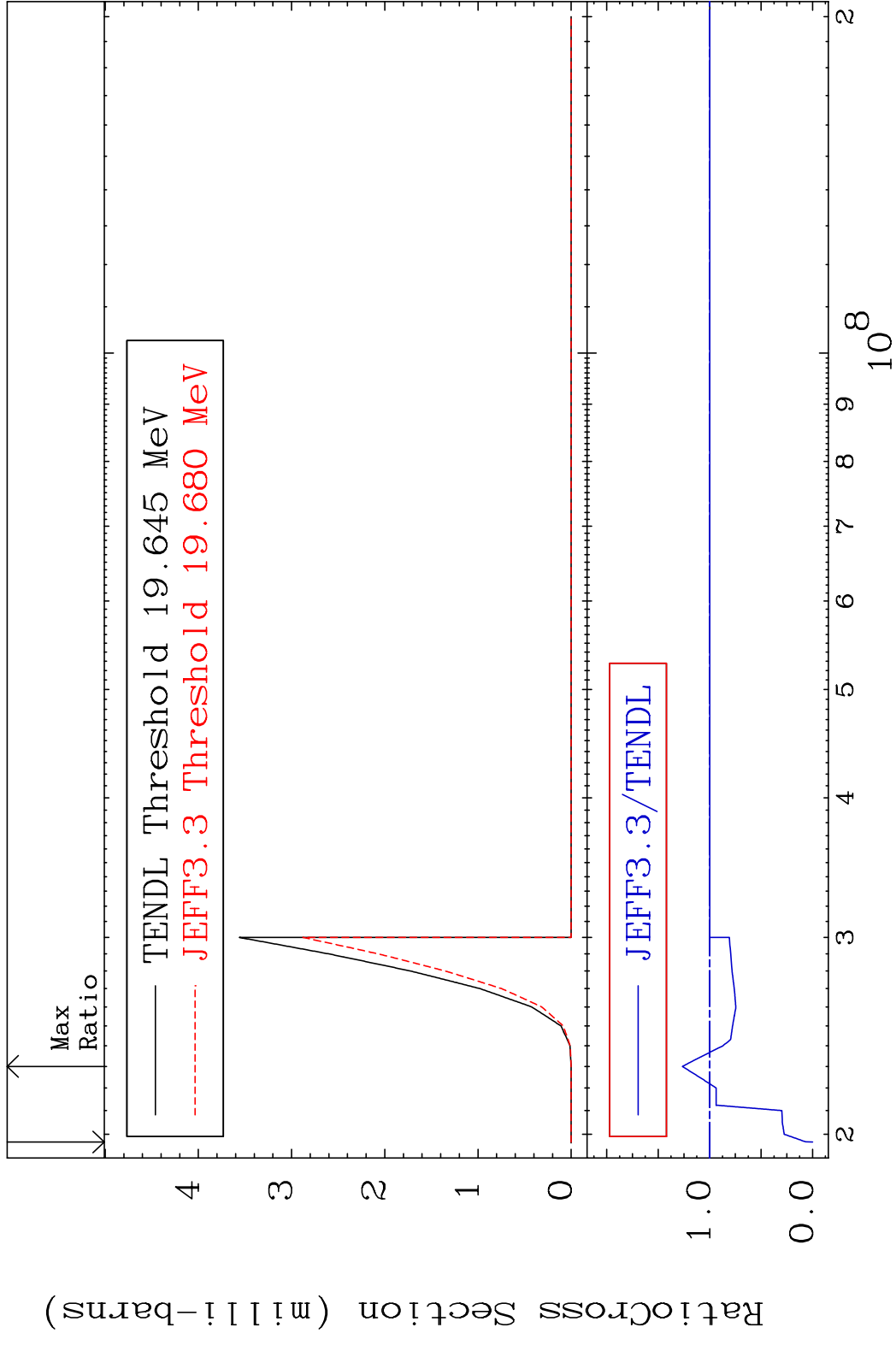


MAT 3643

(n, n') t

36-Kr-84

Cross Section -100.0 To 26.52 %

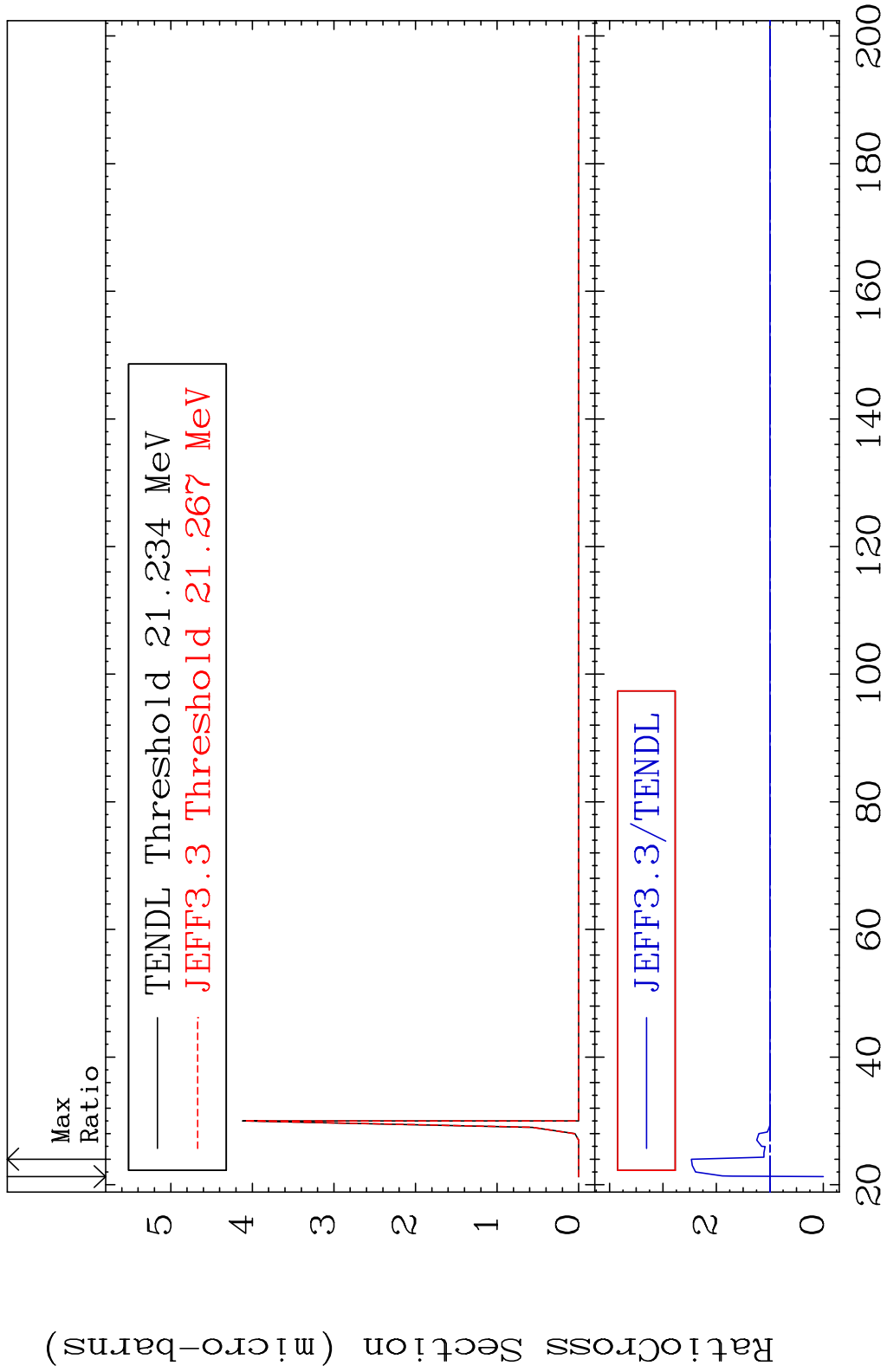


12

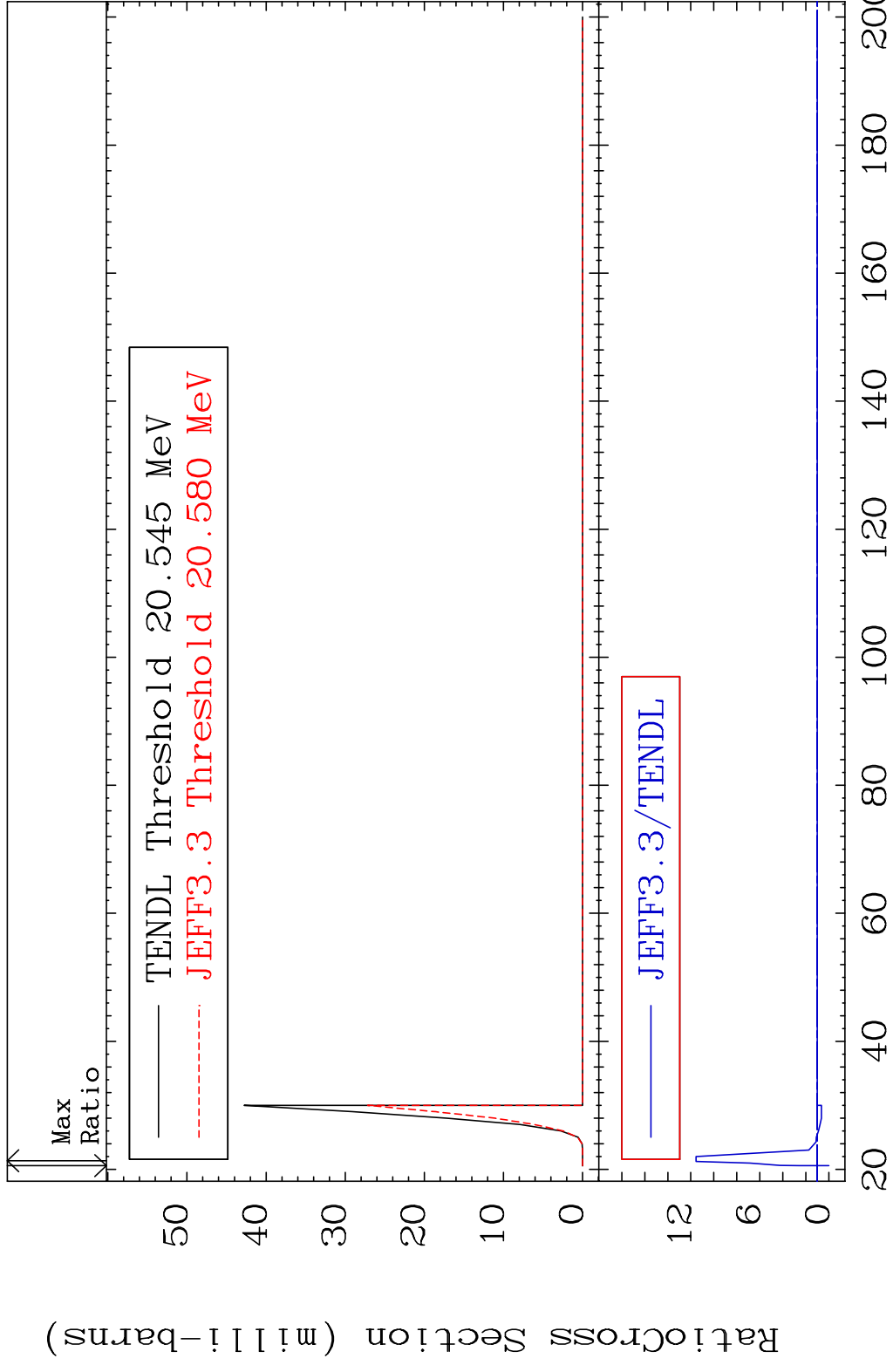
Incident Energy (eV)

36-Kr-84

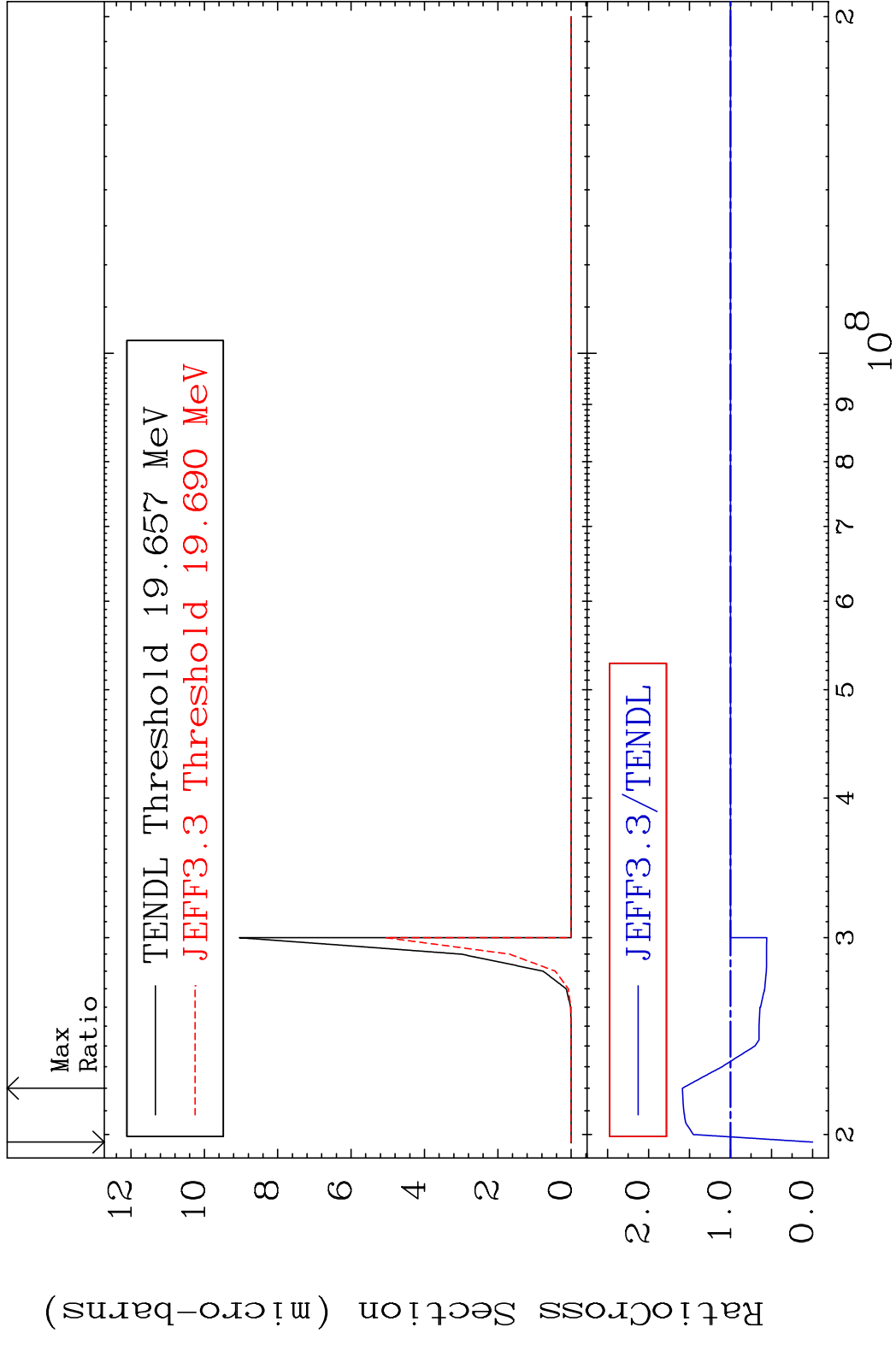
MAT 3643 (n,n') He-3 36-Kr-84
 Cross Section -100.0 To 146.9 %



MAT 3643 (n,2n) p 36-Kr-84
 Cross Section -100.0 To 1055. %



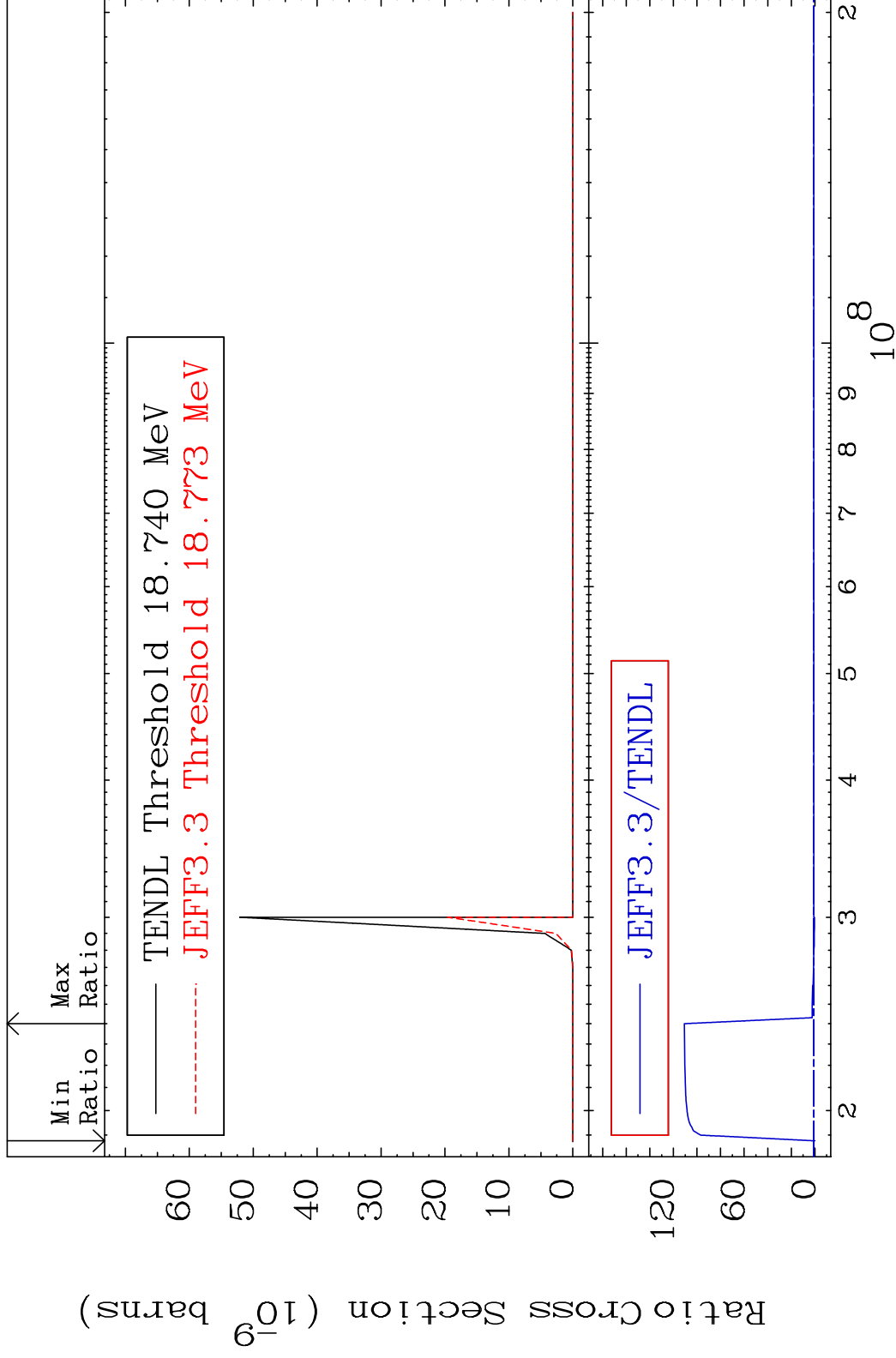
MAT 3643 (n,2n) p 36-Kr-84
 Cross Section -100.0 To 58.80 %



MAT 3643

(n,n') p α 36-Kr-84

Cross Section -100.0 To 9999. %

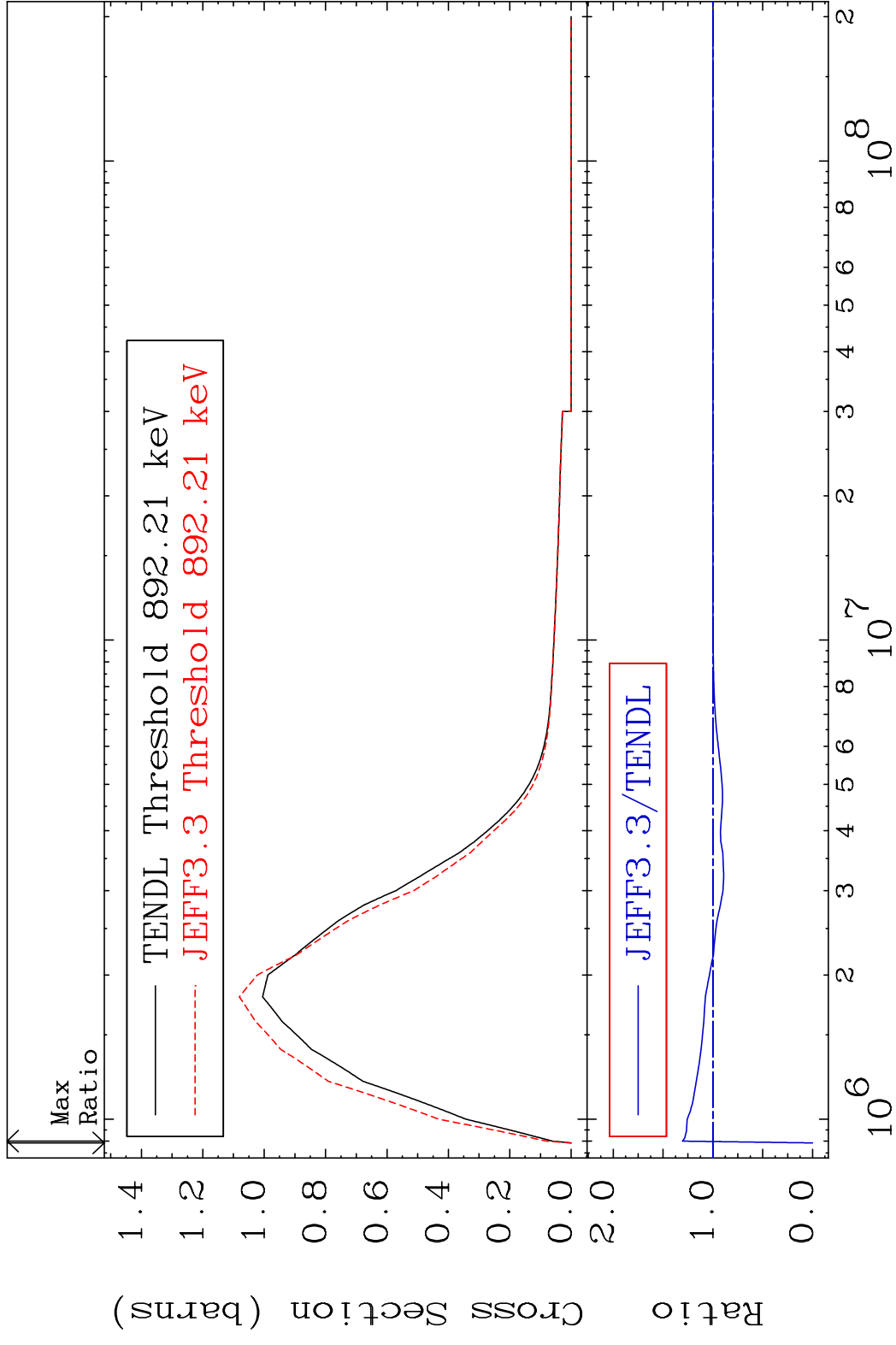


16

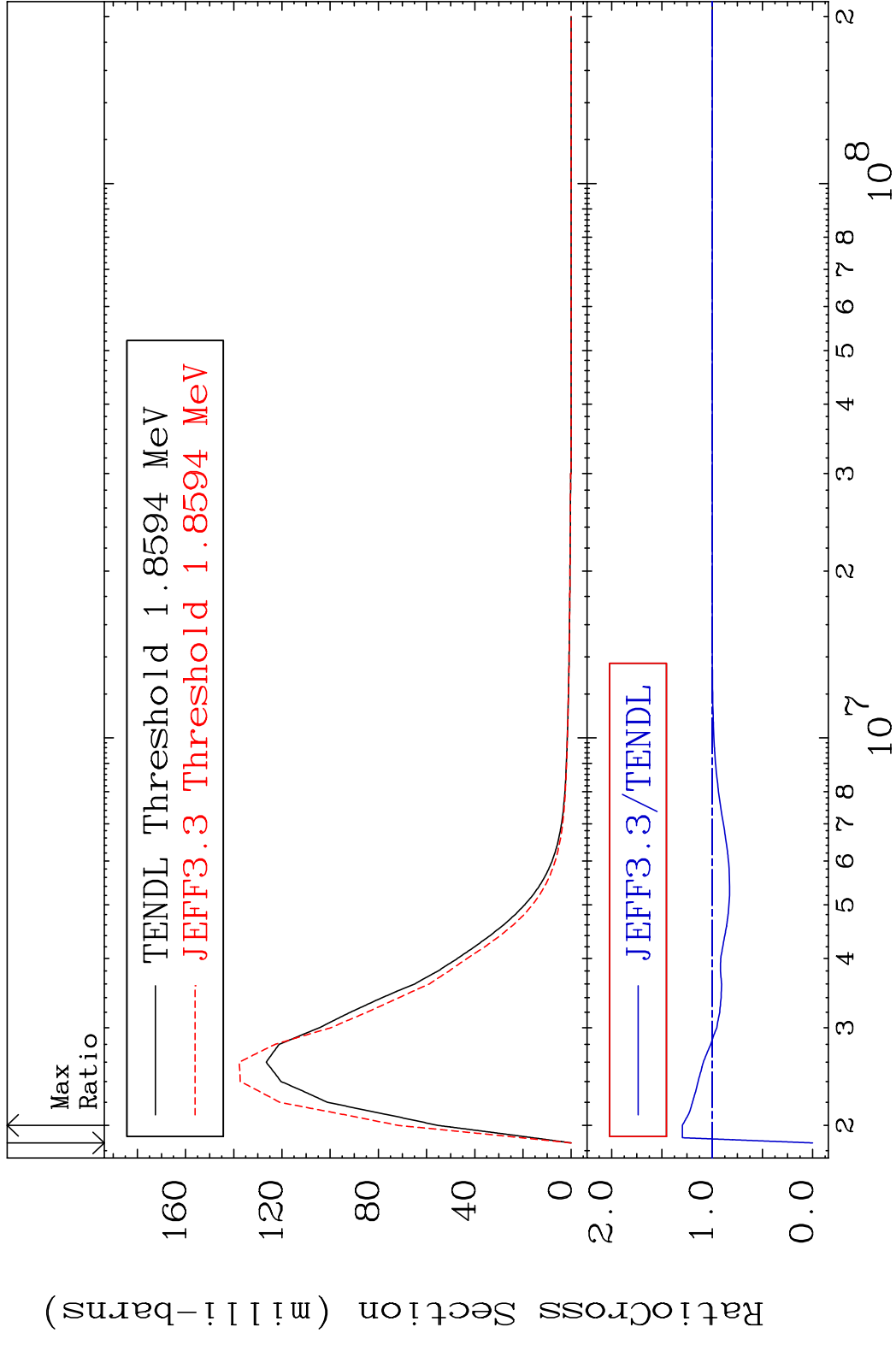
Incident Energy (eV)

36-Kr-84

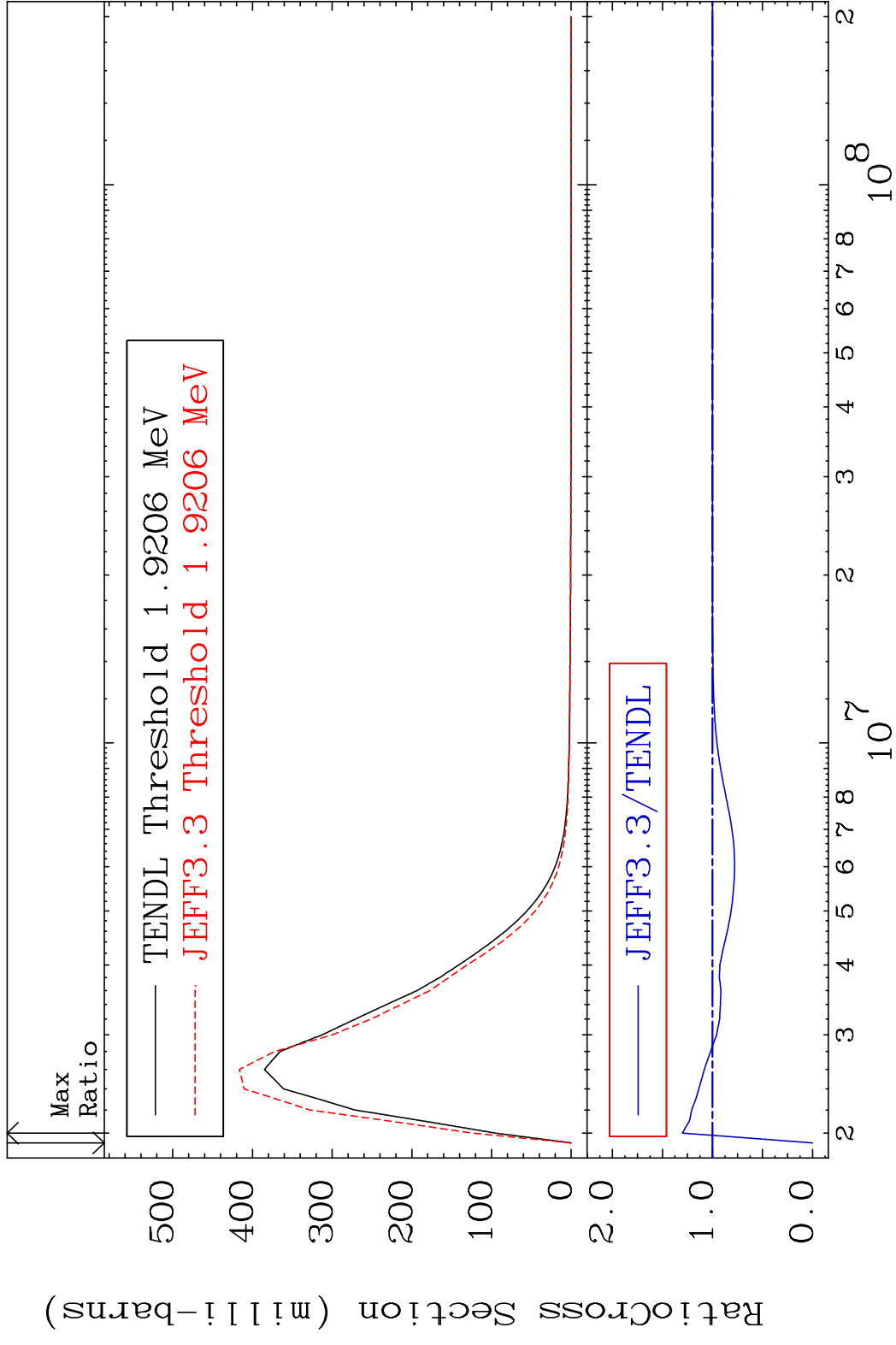
MAT 3643 MT= 51 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 30.62 %



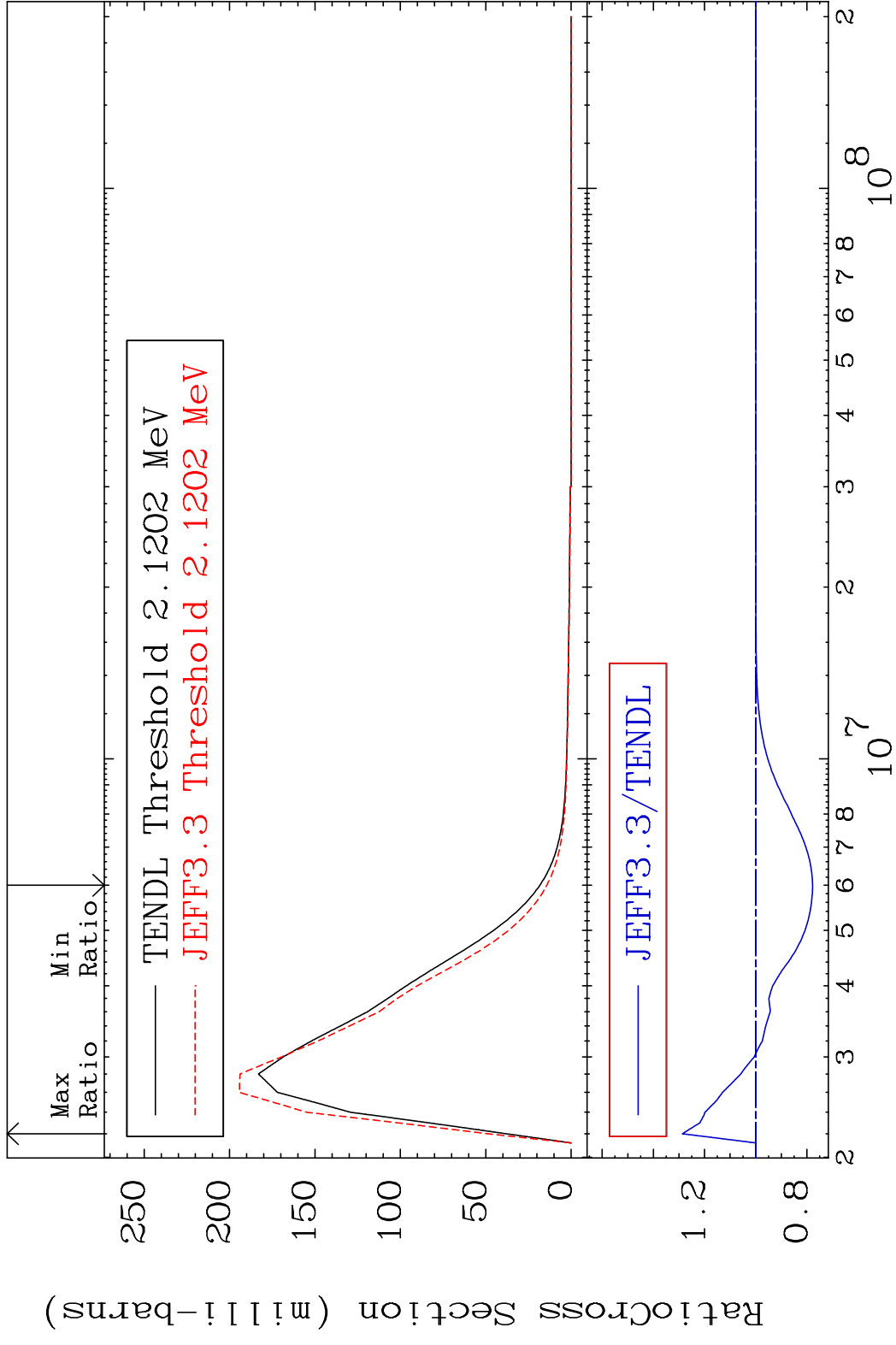
MAT 3643 MT= 52 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 29.68 %



MAT 3643 MT= 53 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 30.10 %

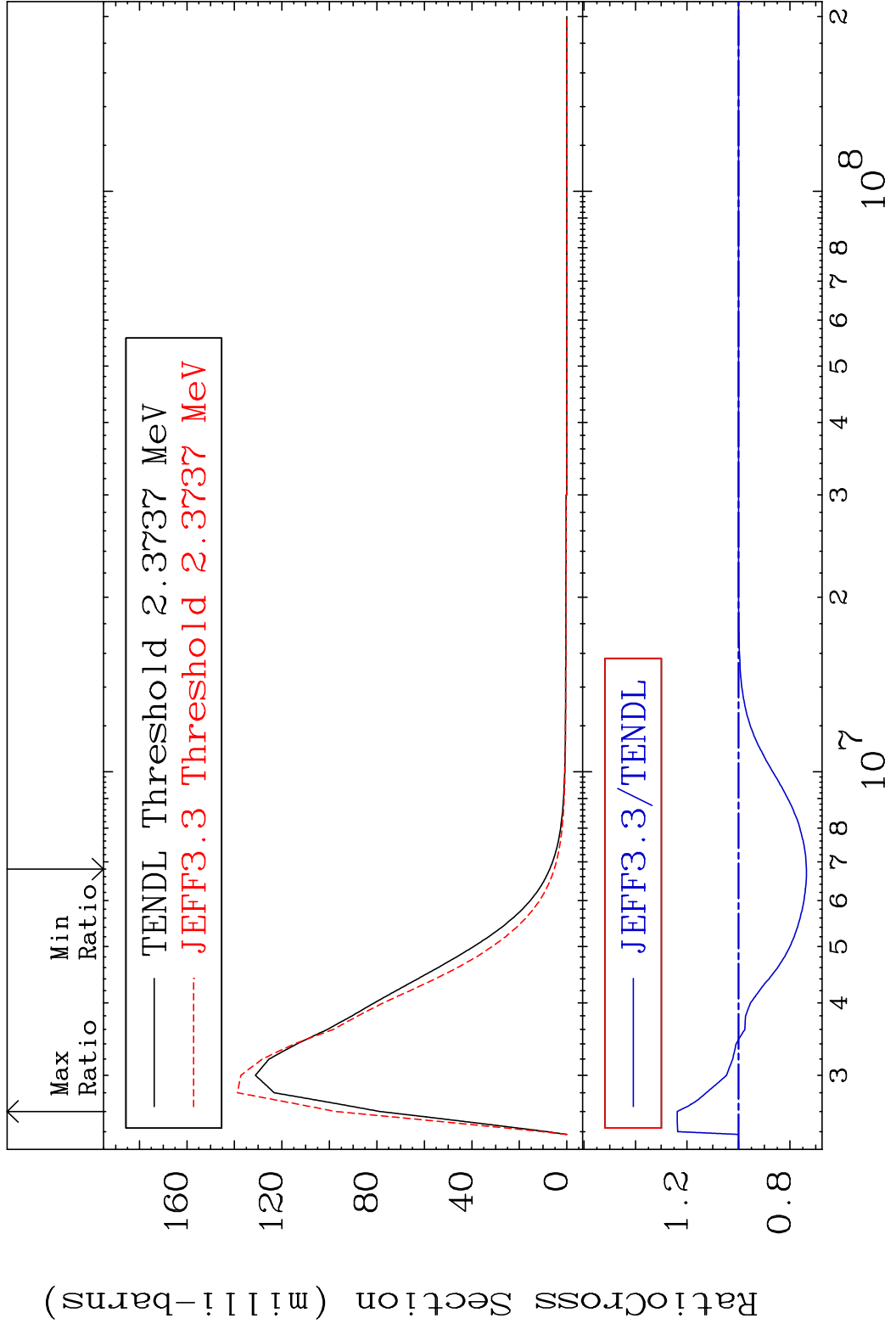


MAT 3643 MT= 54 (n, n') Level 36-Kr-84
 Cross Section -22.20 To 28.68 %

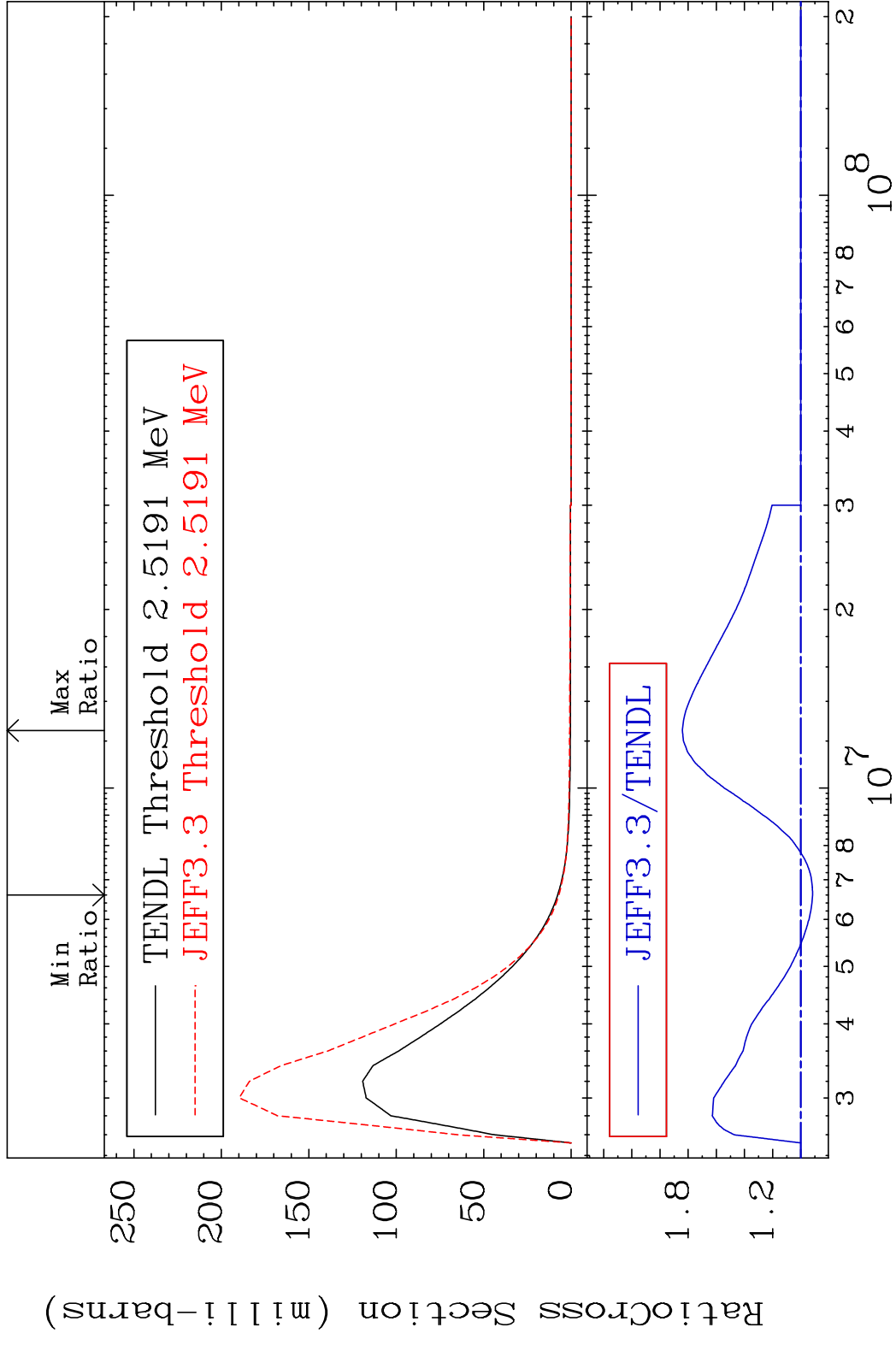


20 Incident Energy (eV) 36-Kr-84

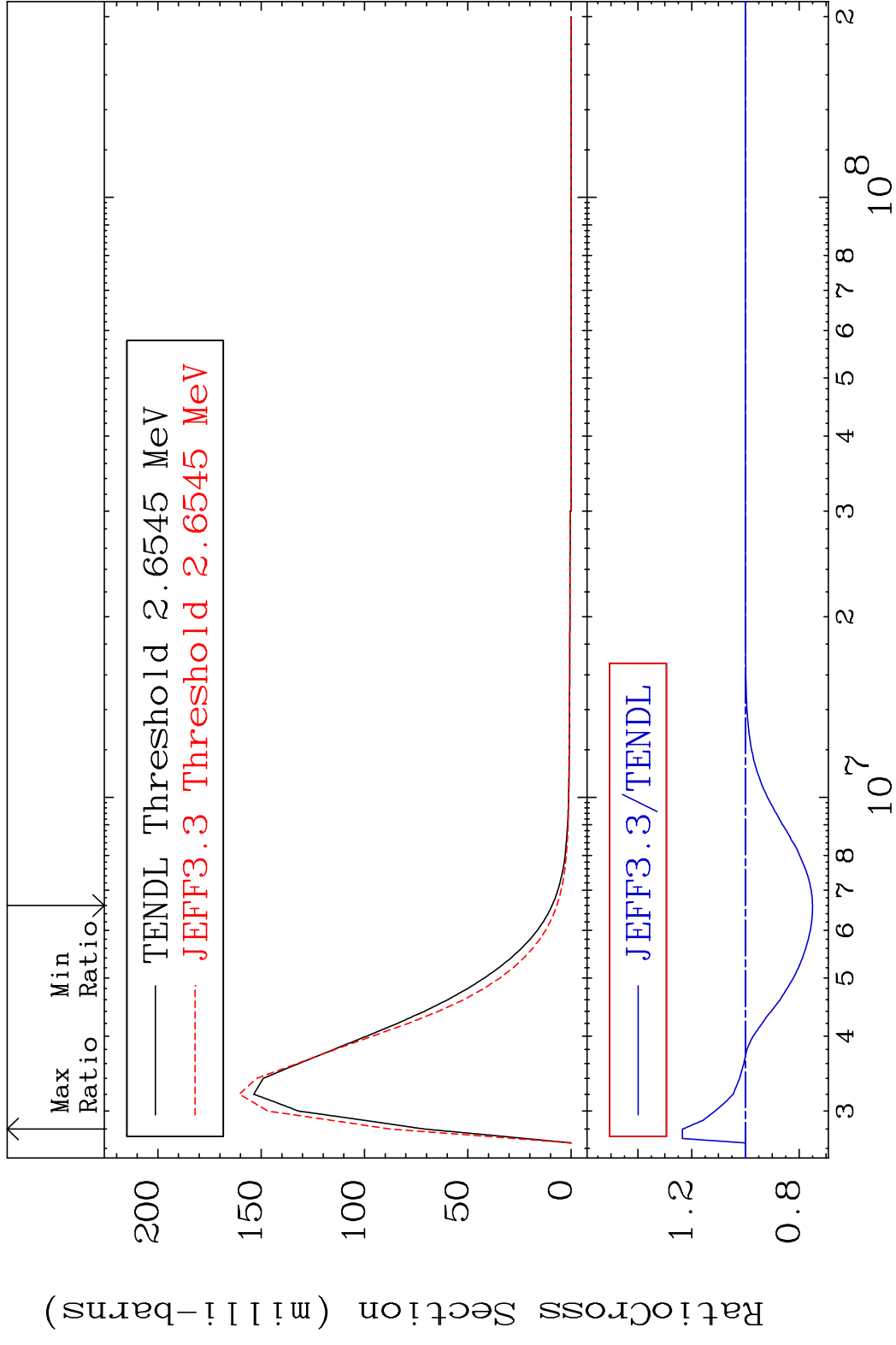
MAT 3643 MT= 55 (n,n') Level 36-Kr-84
 Cross Section -26.35 To 23.81 %



MAT 3643 MT= 56 (n,n') Level 36-Kr-84
 Cross Section -8.343 To 84.13 %



MAT 3643 MT= 57 (n, n') Level 36-Kr-84
 Cross Section -25.01 To 23.47 %

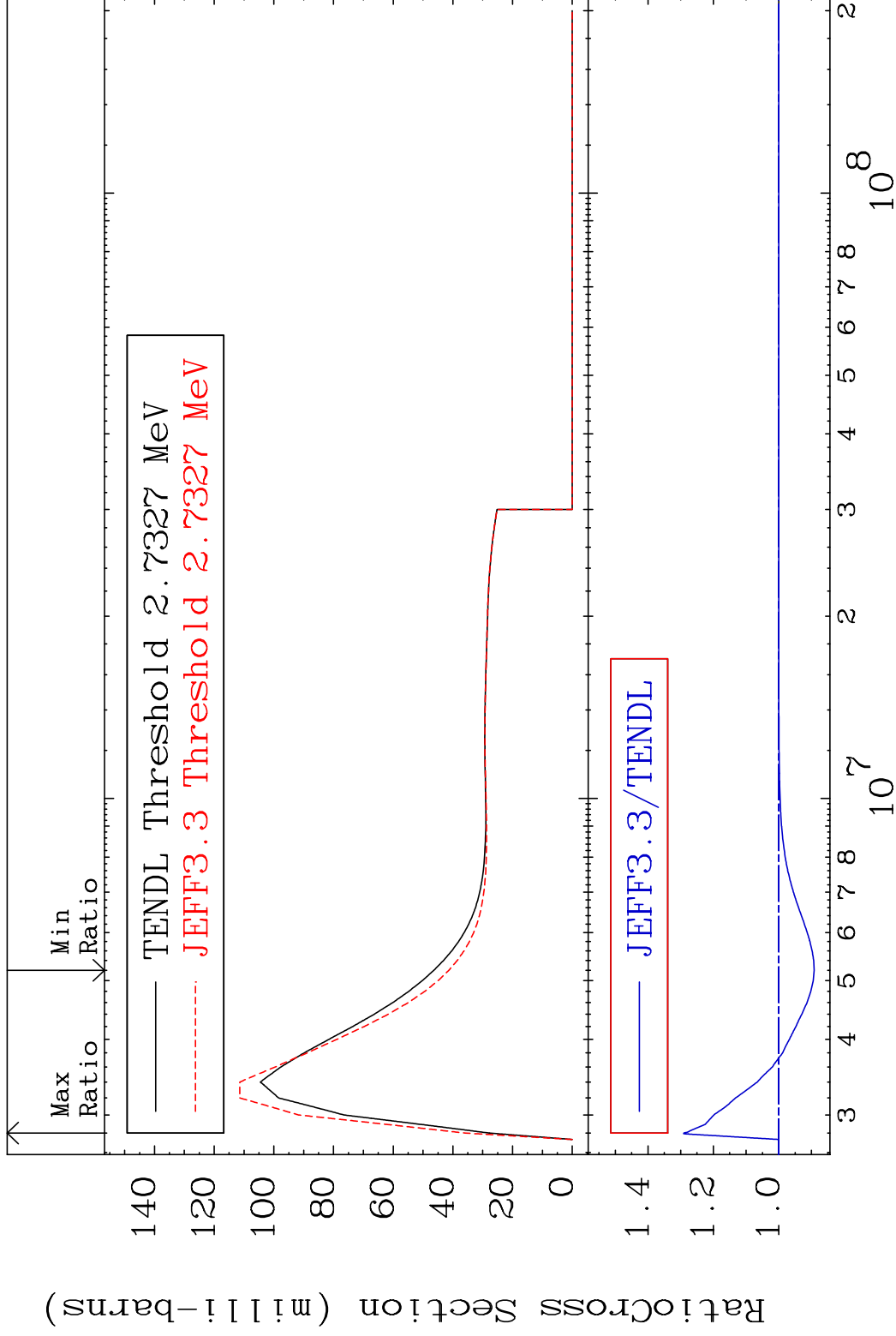


MAT 3643

MT= 58 (n, n') Level

36-Kr-84

Cross Section -10.81 To 29.09 %

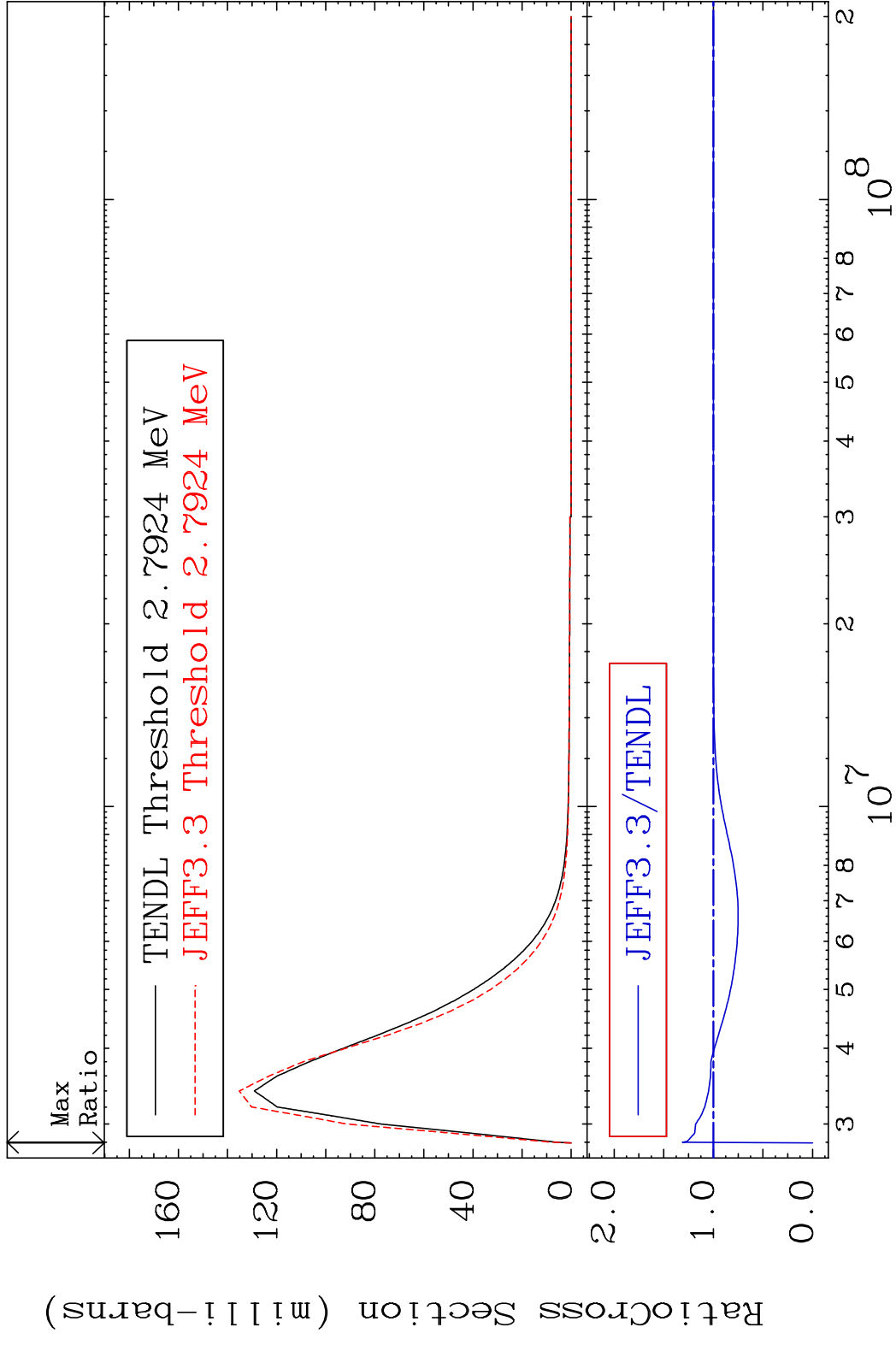


24

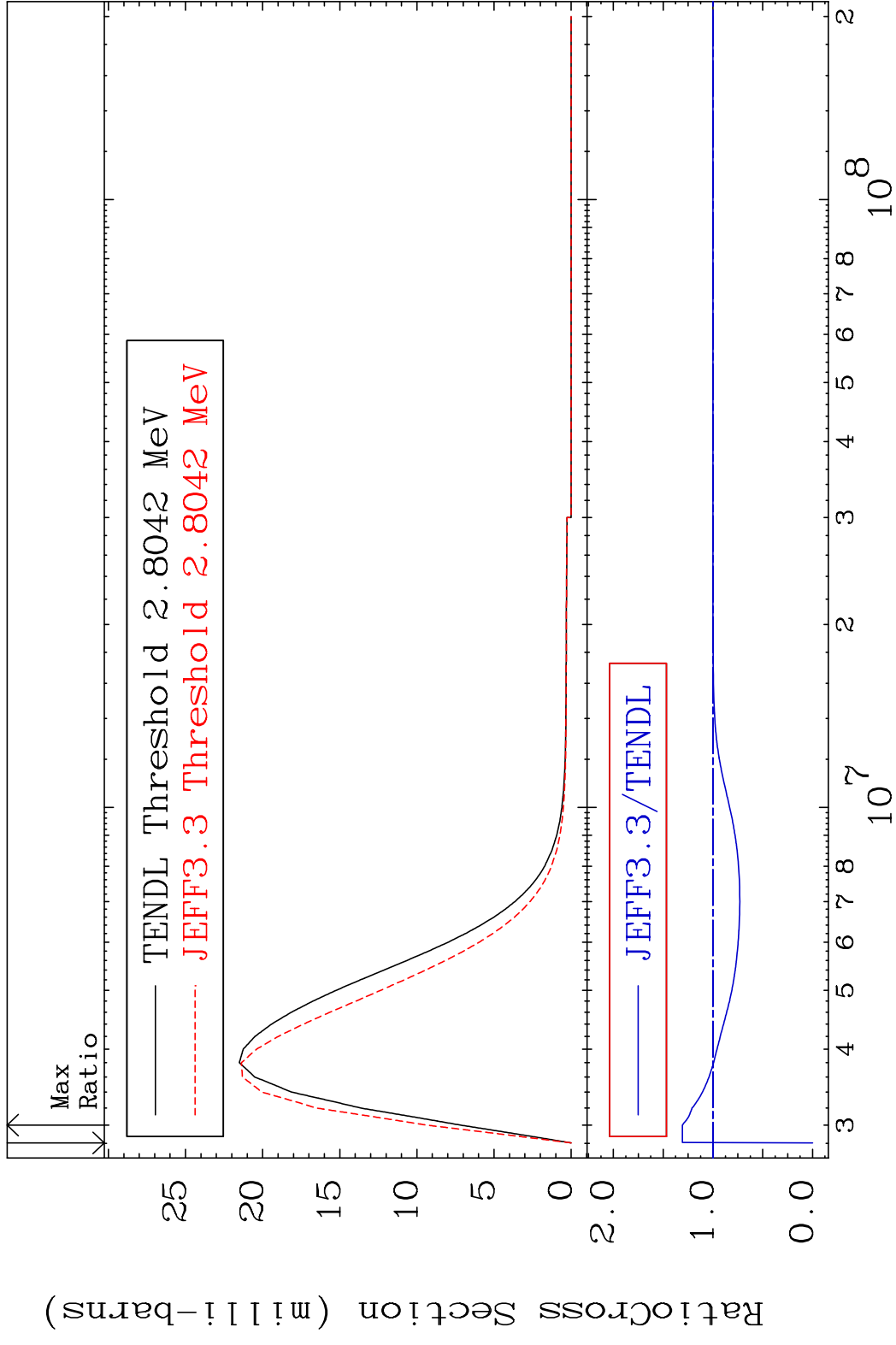
Incident Energy (eV)

36-Kr-84

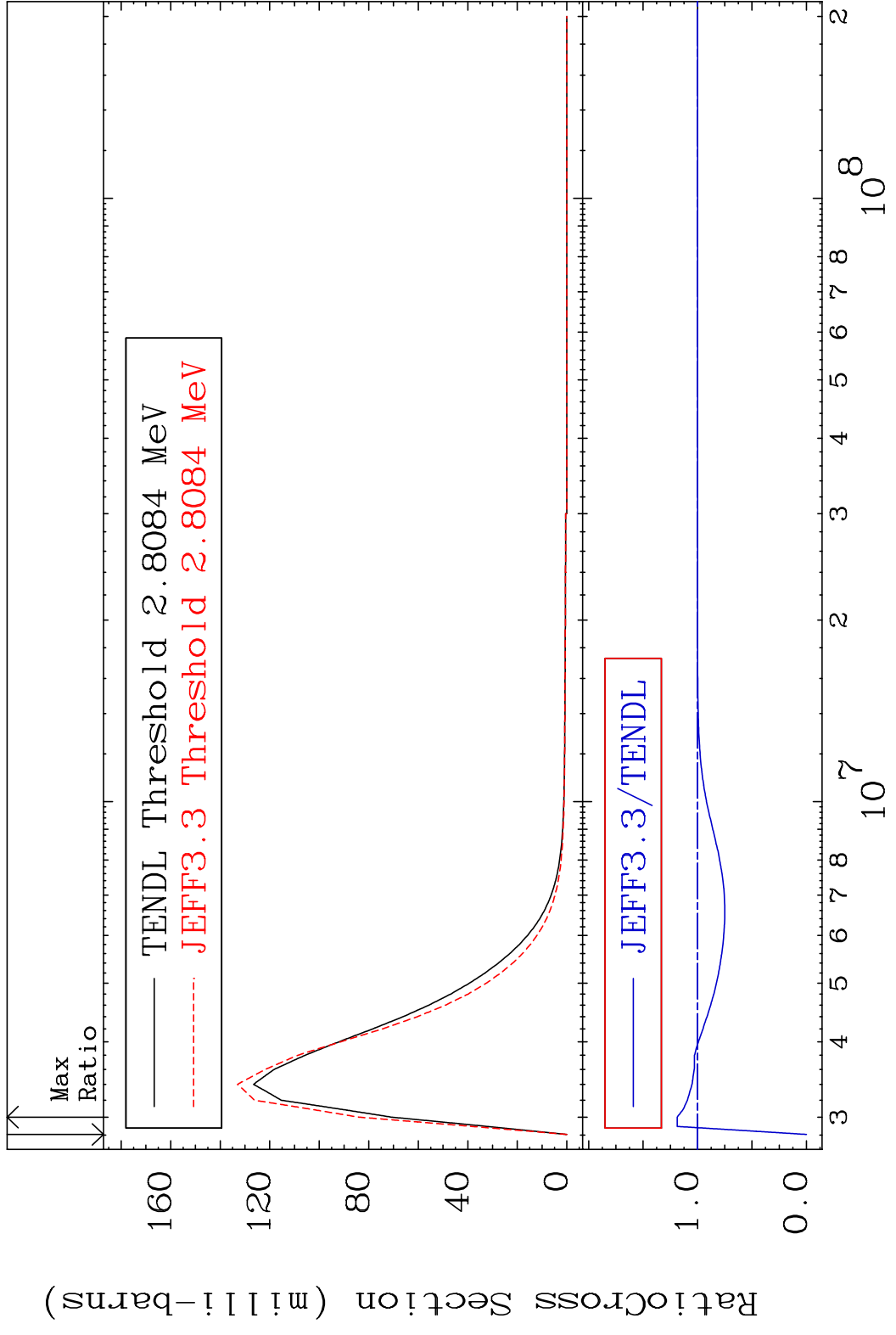
MAT 3643 MT= 59 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 31.24 %



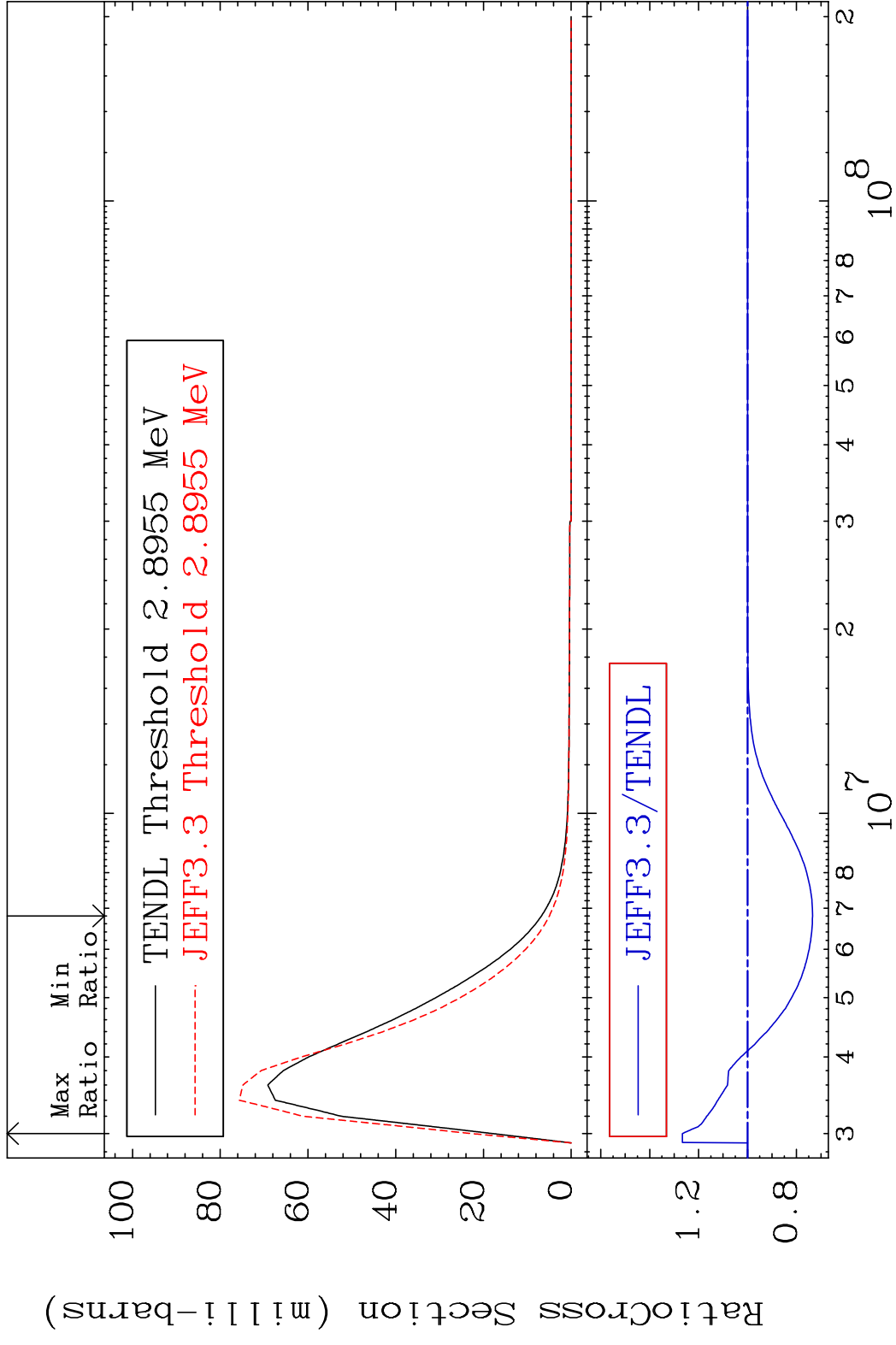
MAT 3643 MT= 60 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 30.74 %



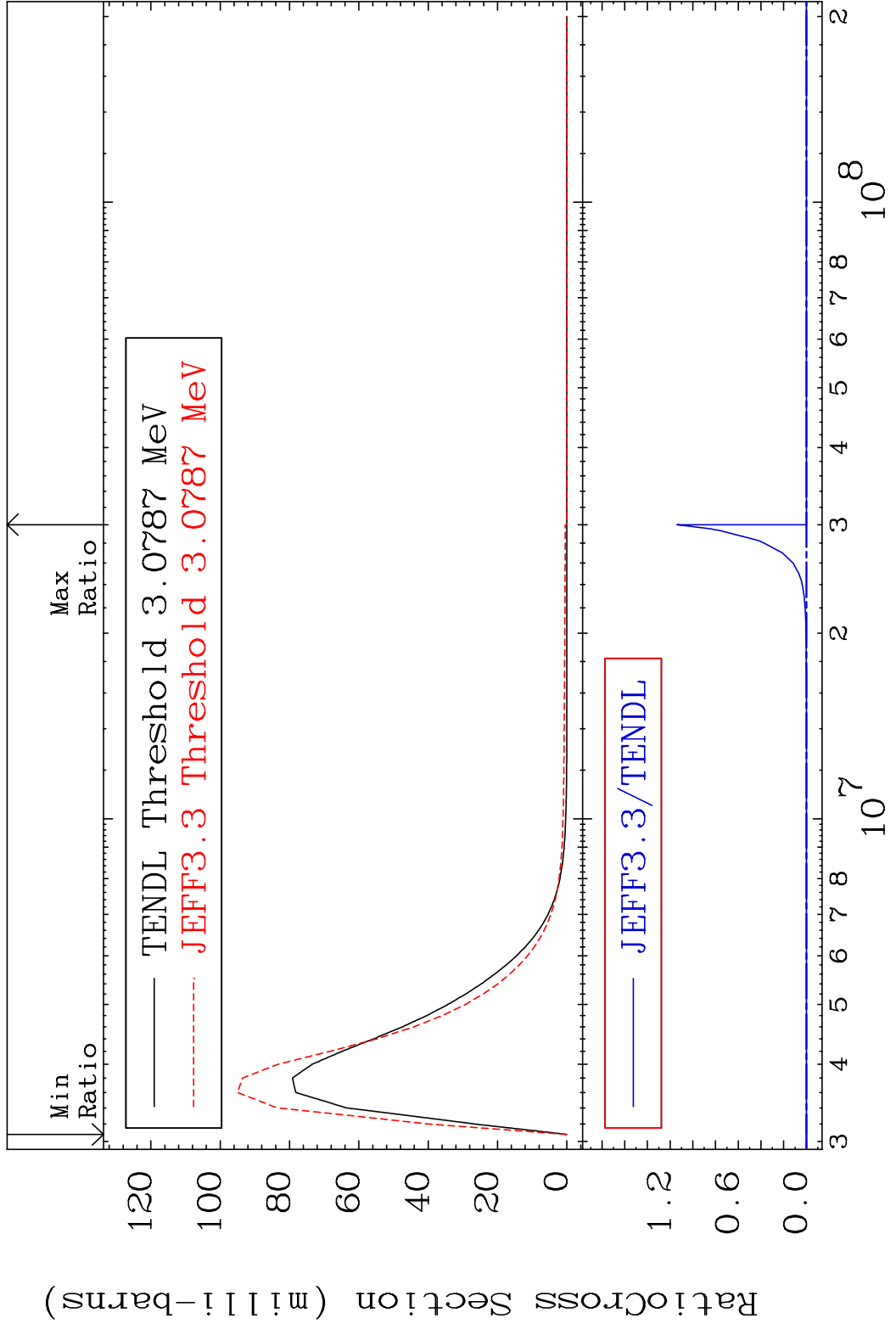
MAT 3643 MT= 61 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 18.71 %



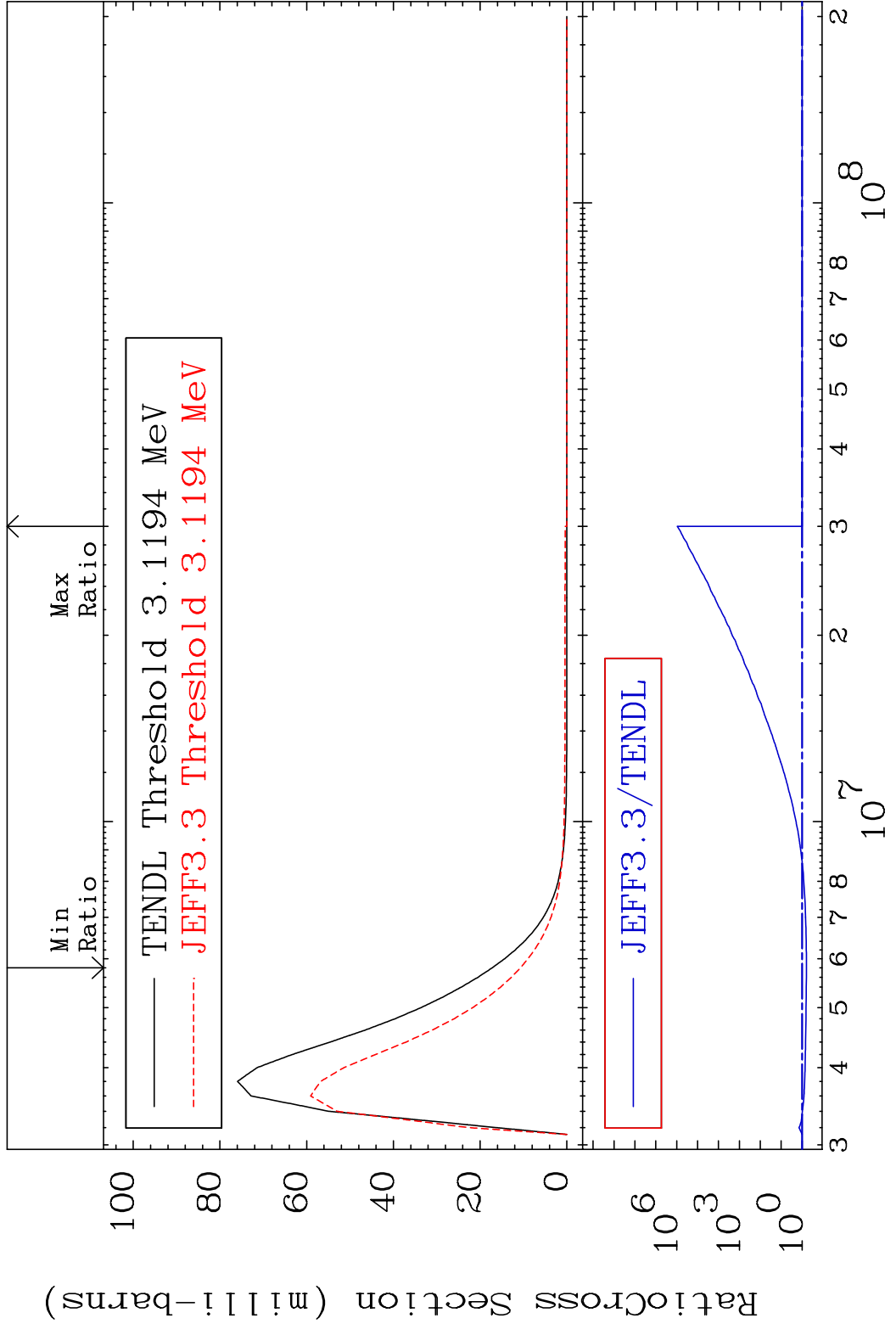
MAT 3643 MT= 62 (n, n') Level 36-Kr-84
 Cross Section -26.57 To 26.64 %



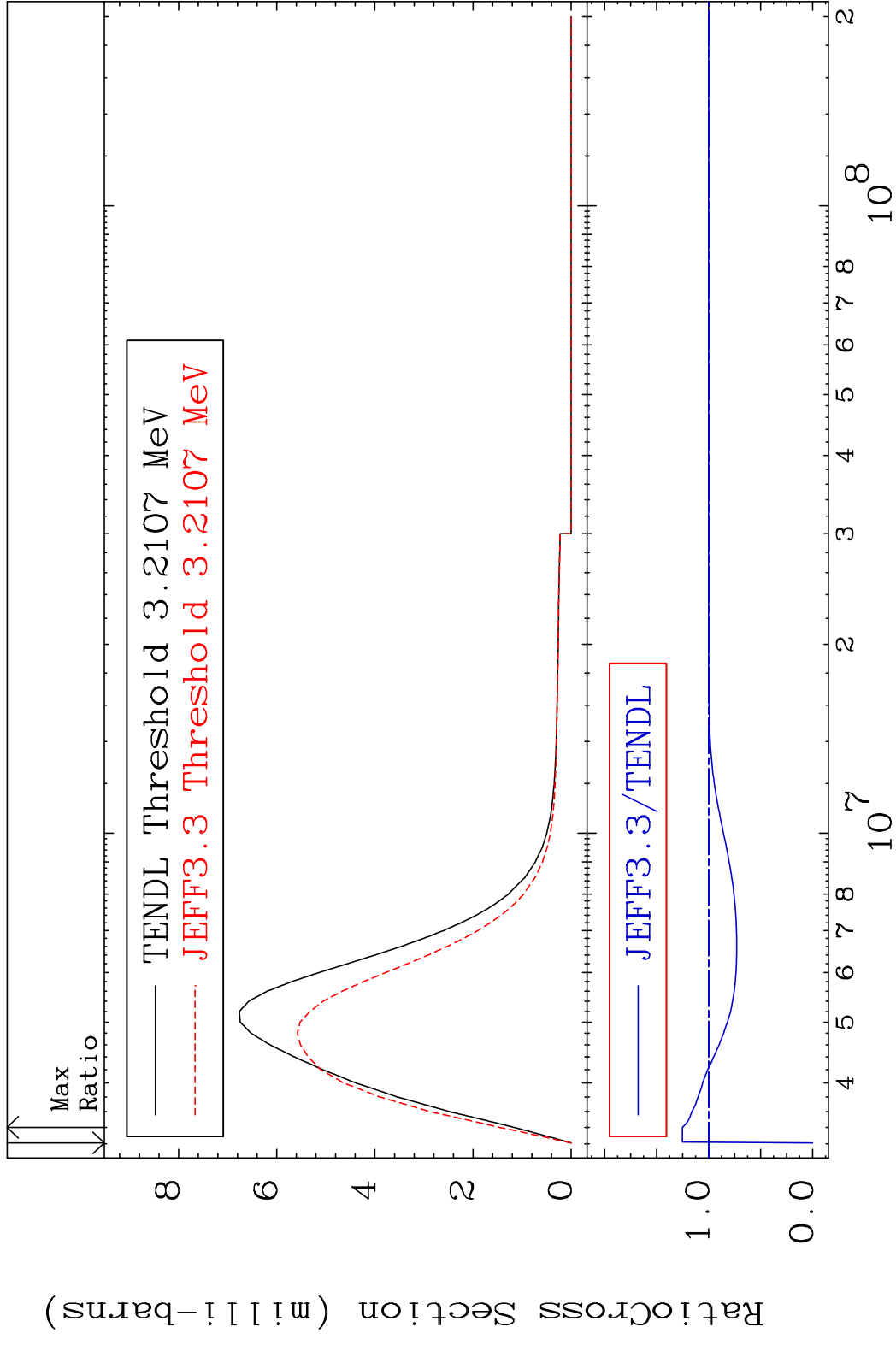
MAT 3643 MT= 63 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 9999. %



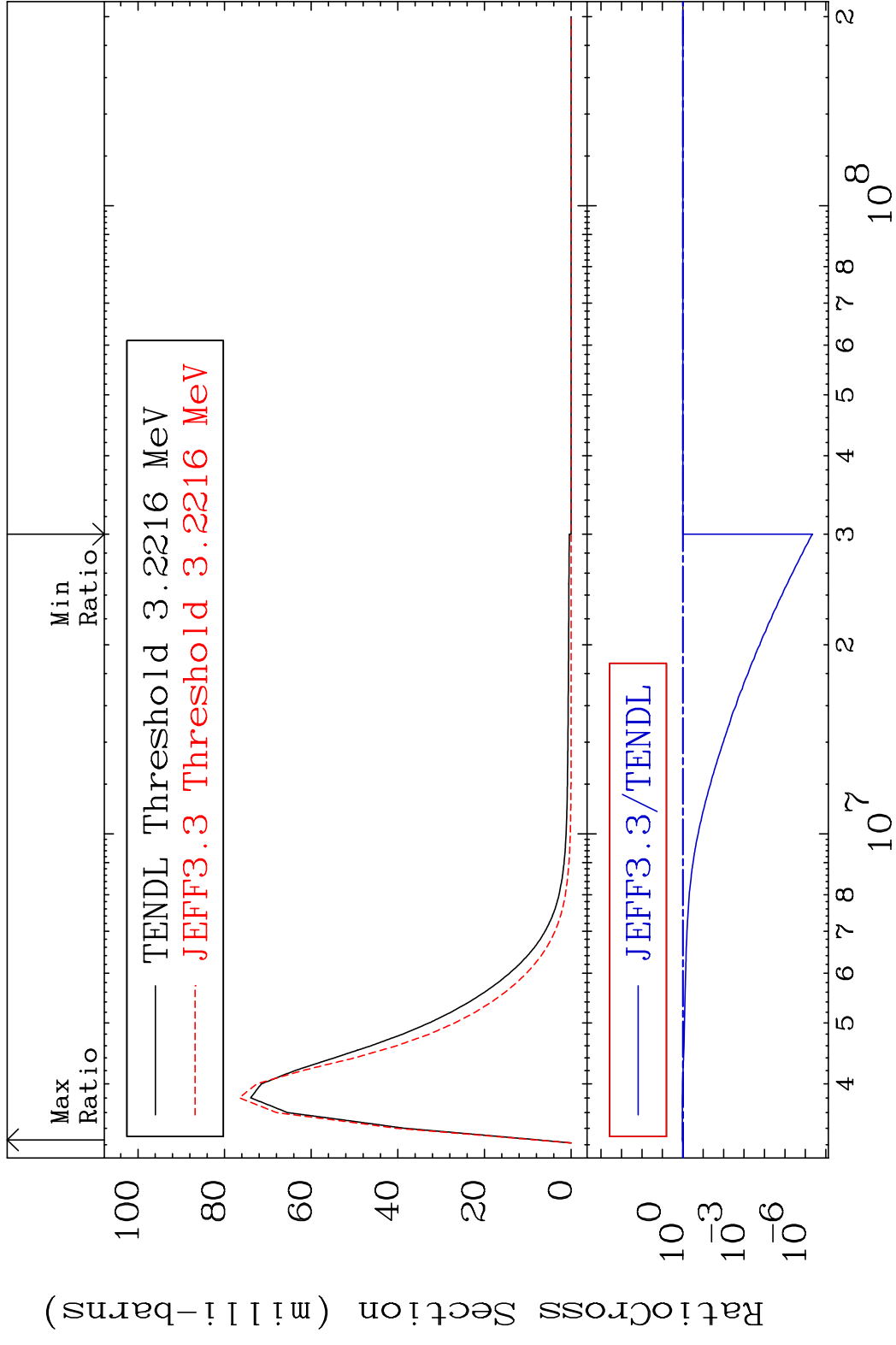
MAT 3643 MT= 64 (n, n') Level 36-Kr-84
 Cross Section -37.81 To 9999. %



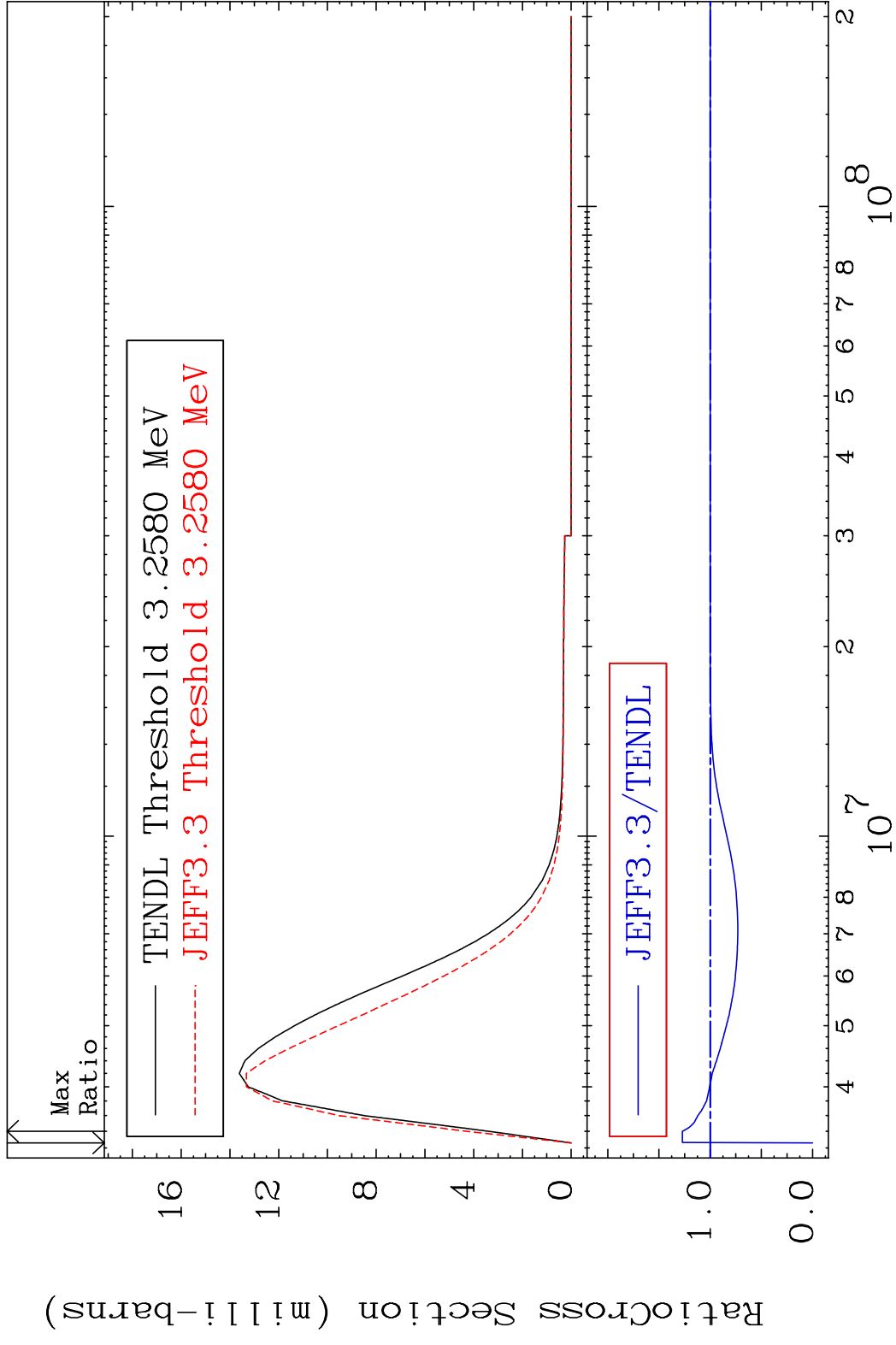
MAT 3643 MT= 65 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 25.19 %



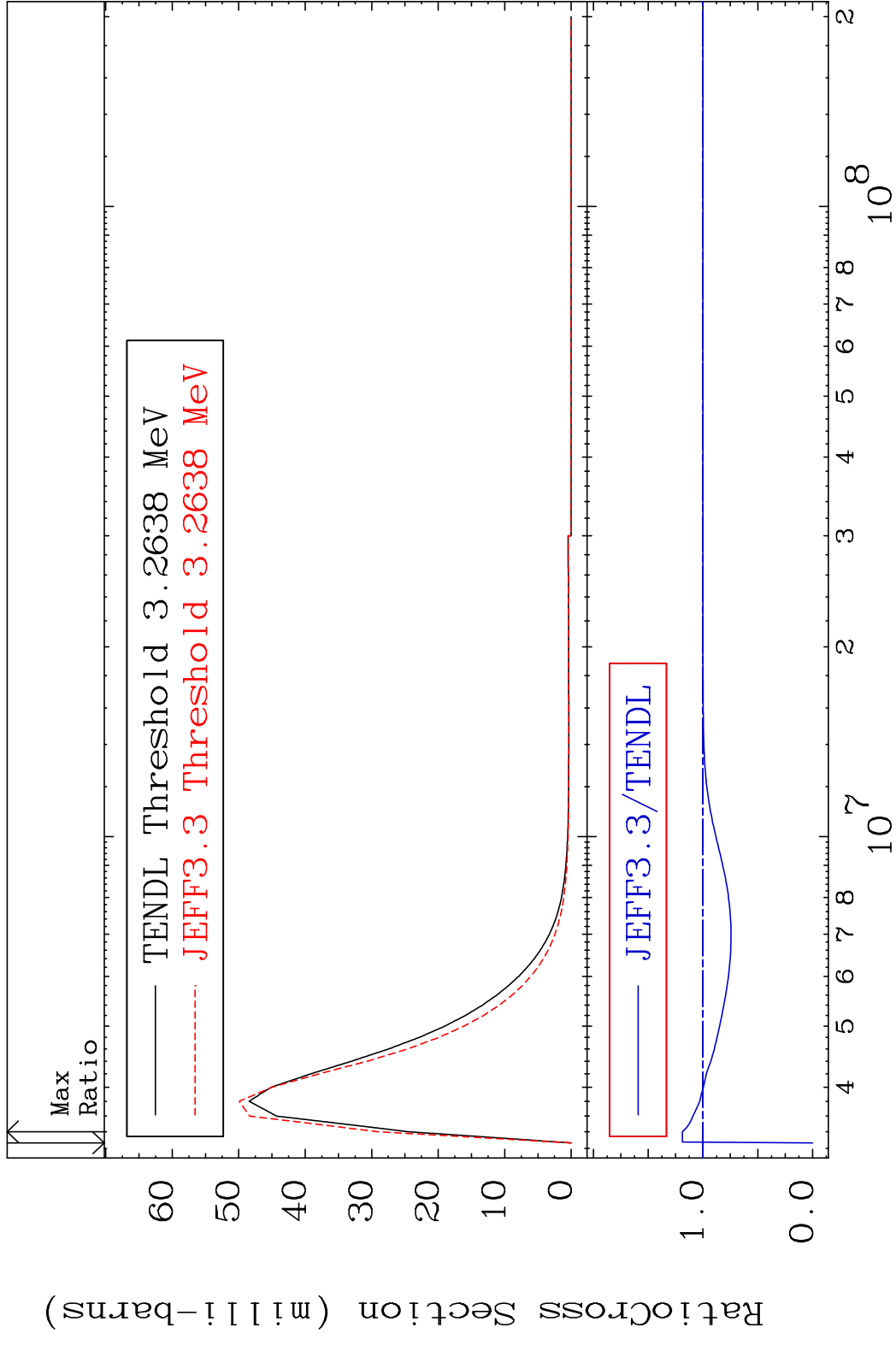
MAT 3643 MT= 66 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 4.874 %



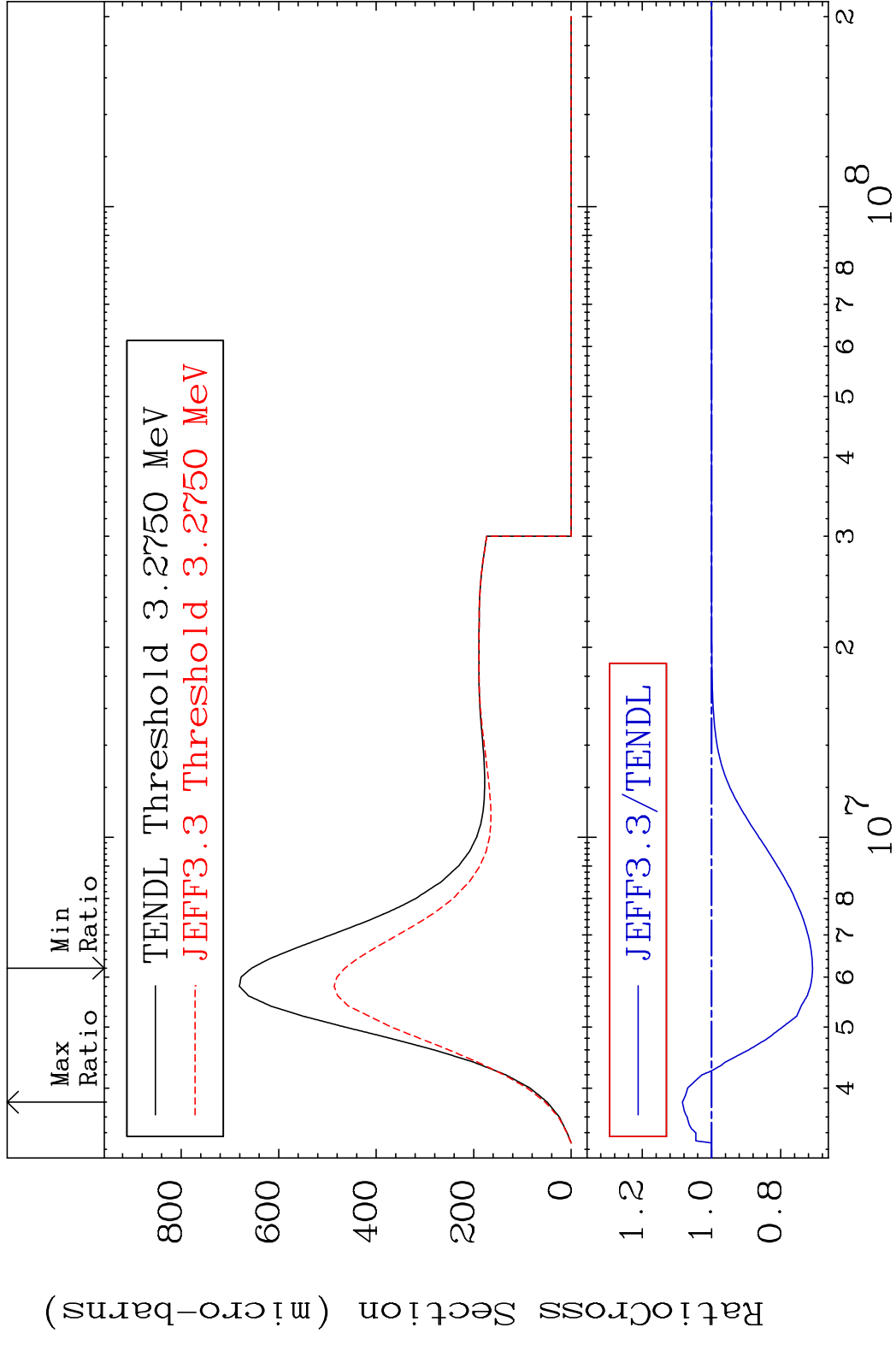
MAT 3643 MT= 67 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 27.16 %



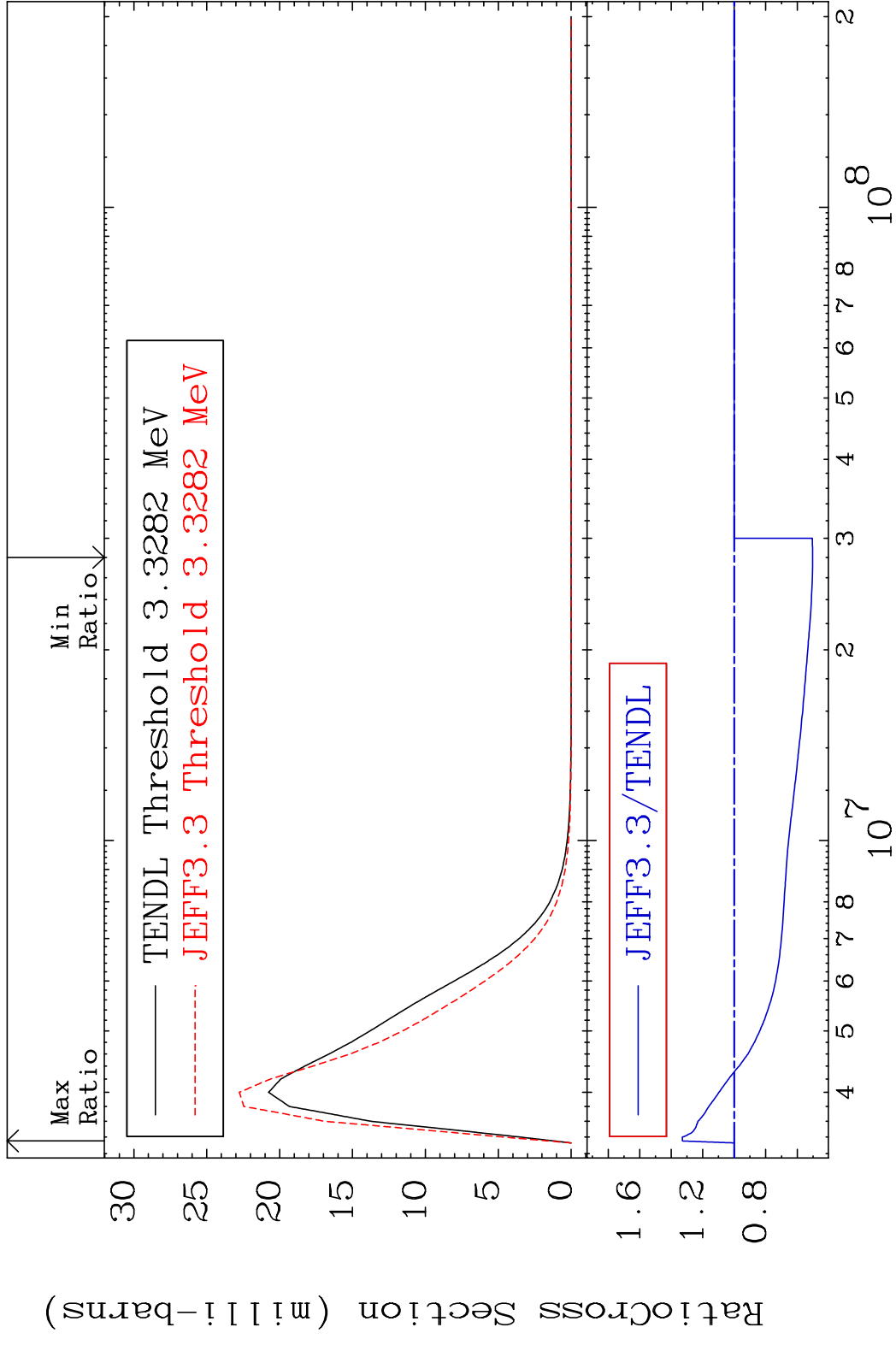
MAT 3643 MT= 68 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 18.81 %



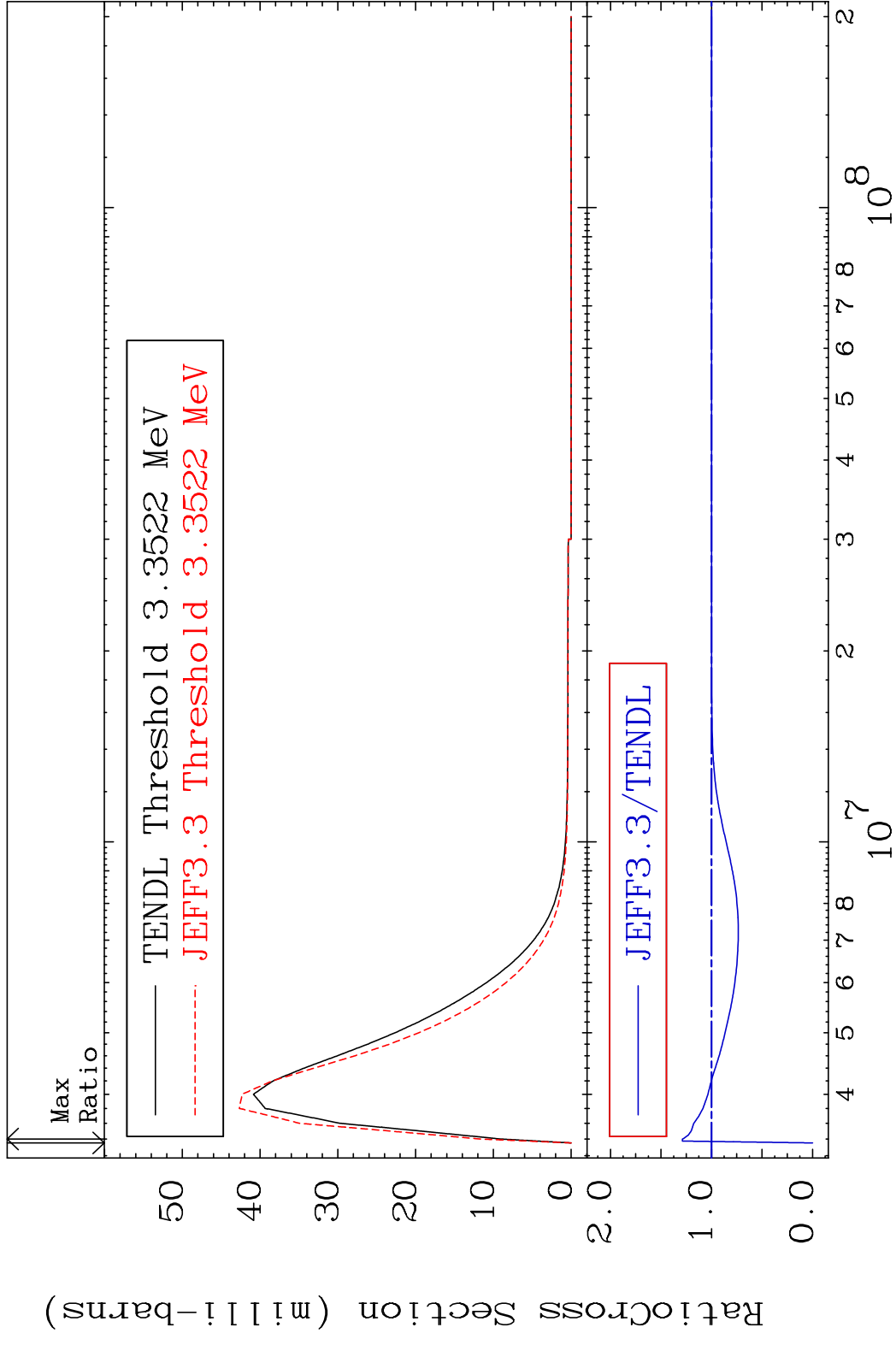
MAT 3643 MT= 69 (n, n') Level 36-Kr-84
 Cross Section -29.18 To 8.444 %



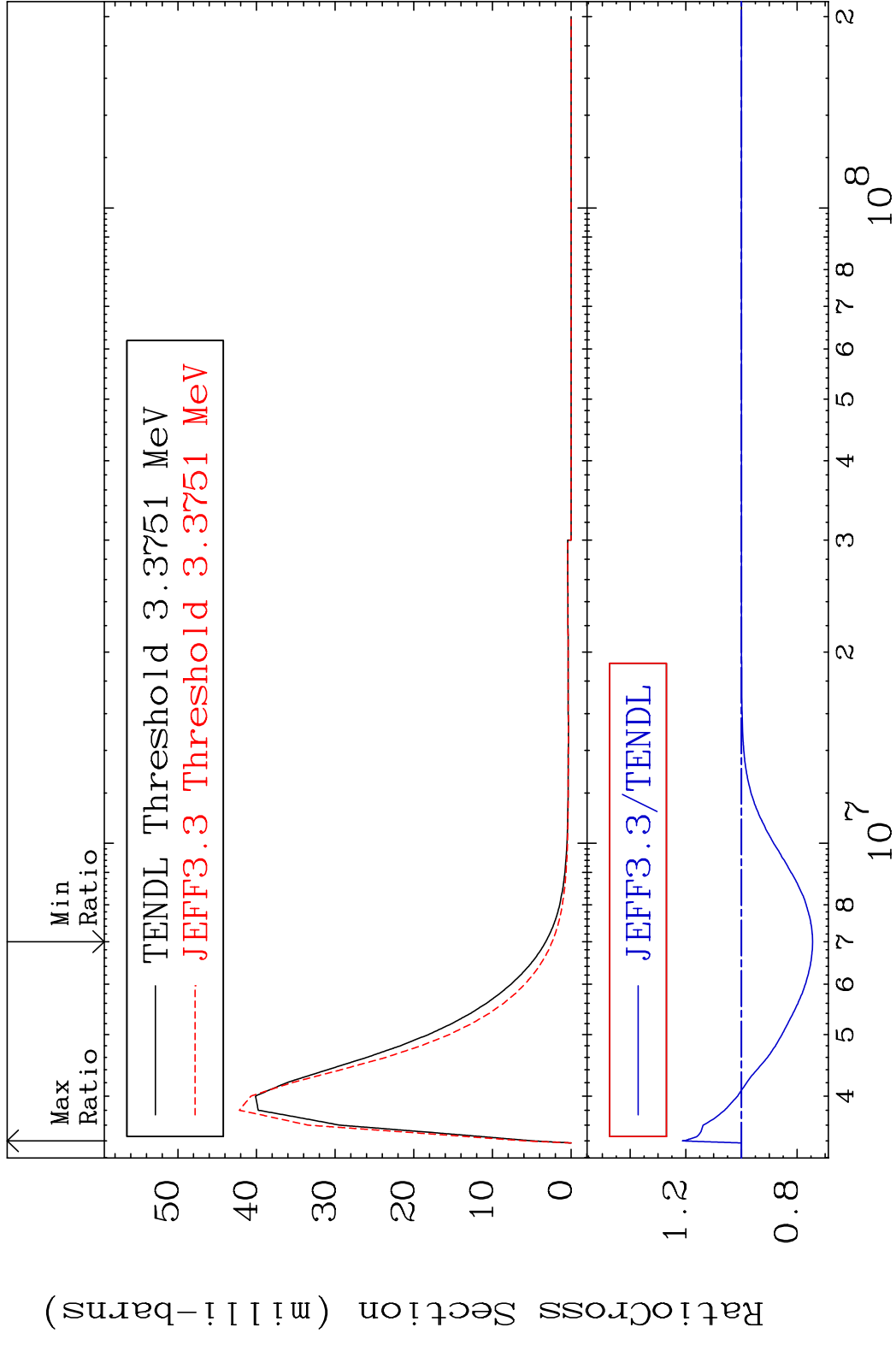
MAT 3643 MT= 70 (n,n') Level 36-Kr-84
 Cross Section -49.71 To 32.92 %



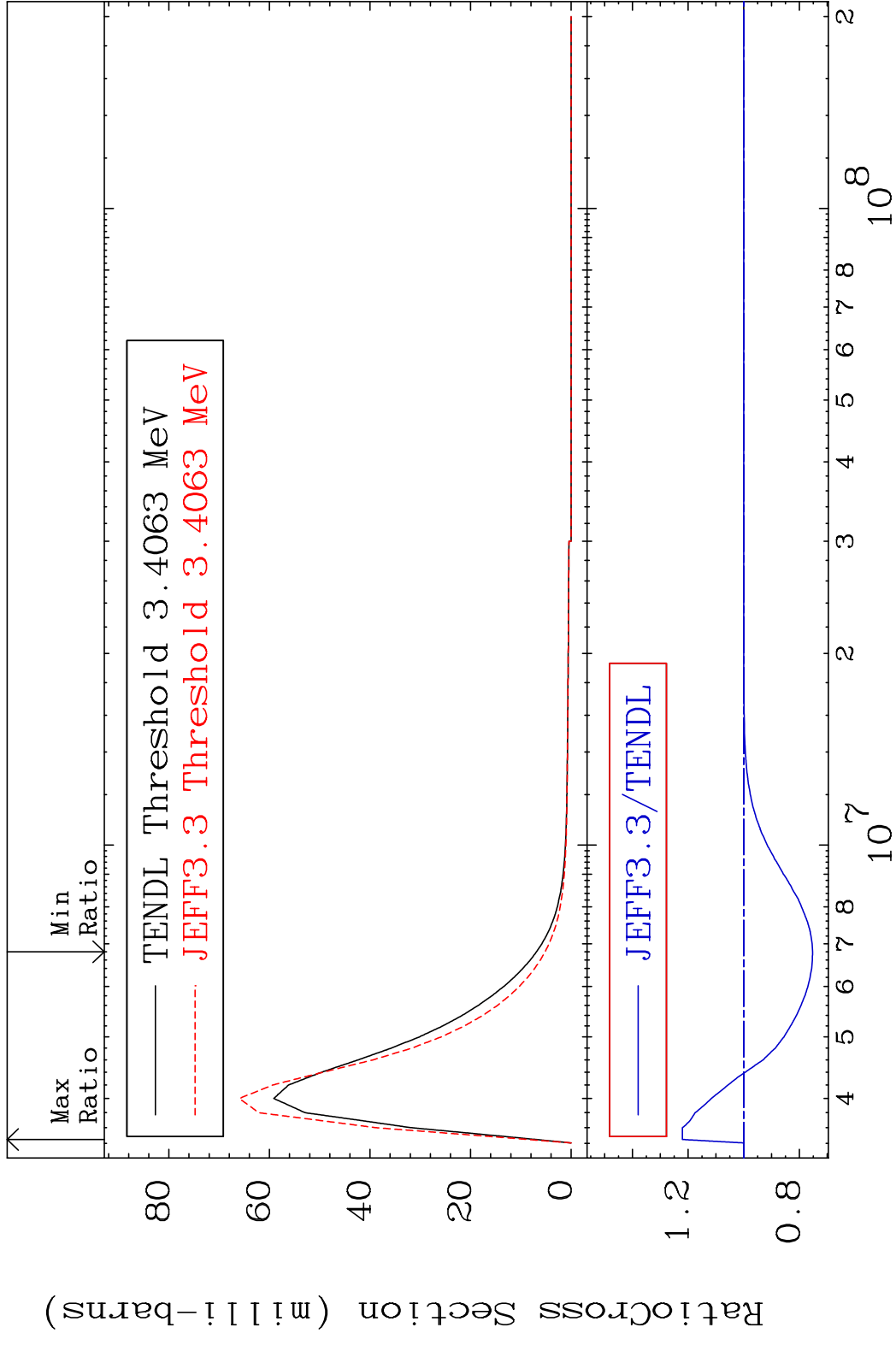
MAT 3643 MT= 71 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 28.85 %



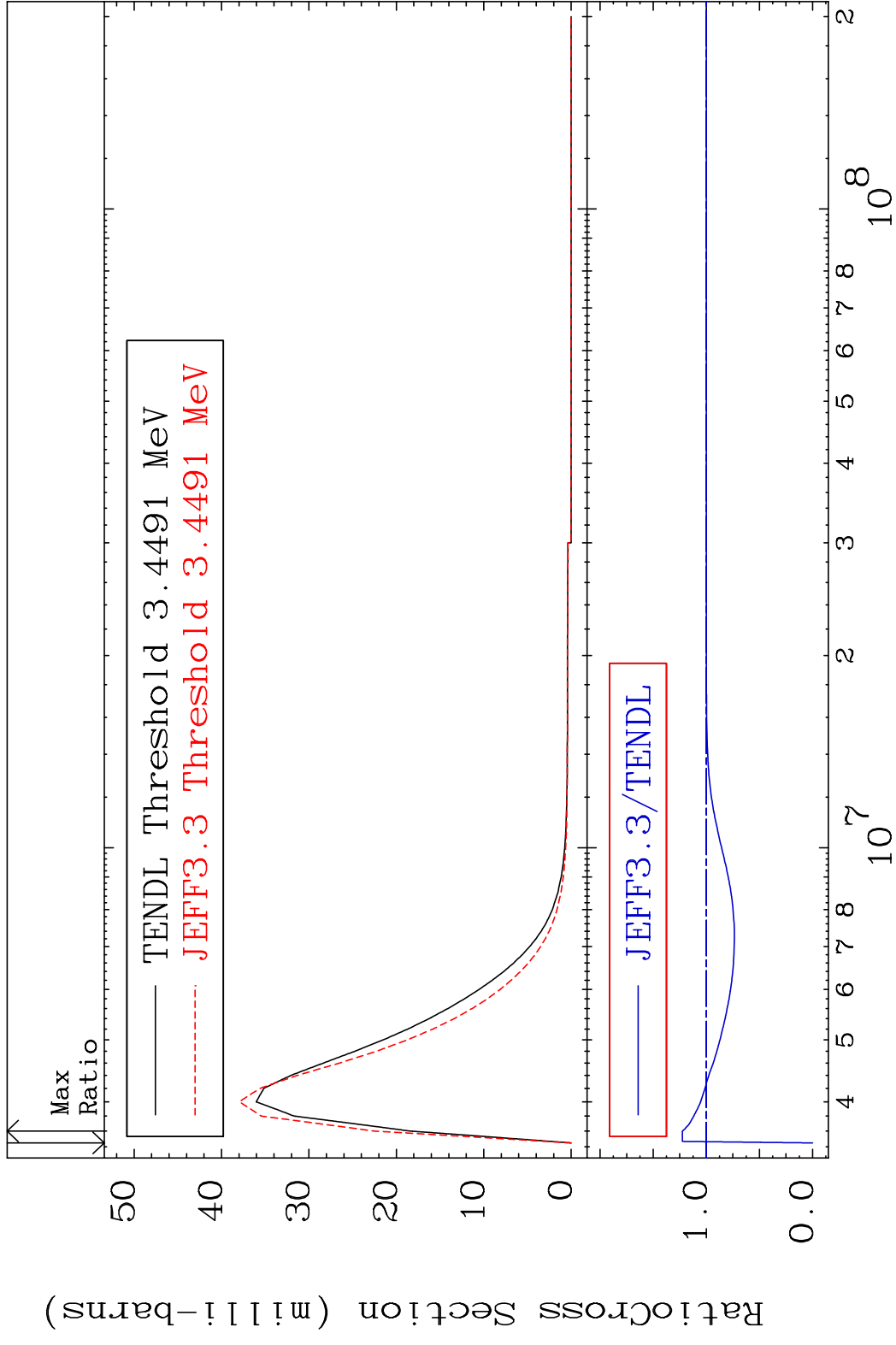
MAT 3643 MT= 72 (n, n') Level 36-Kr-84
 Cross Section -25.52 To 21.25 %



MAT 3643 MT= 73 (n, n') Level 36-Kr-84
 Cross Section -24.76 To 22.04 %

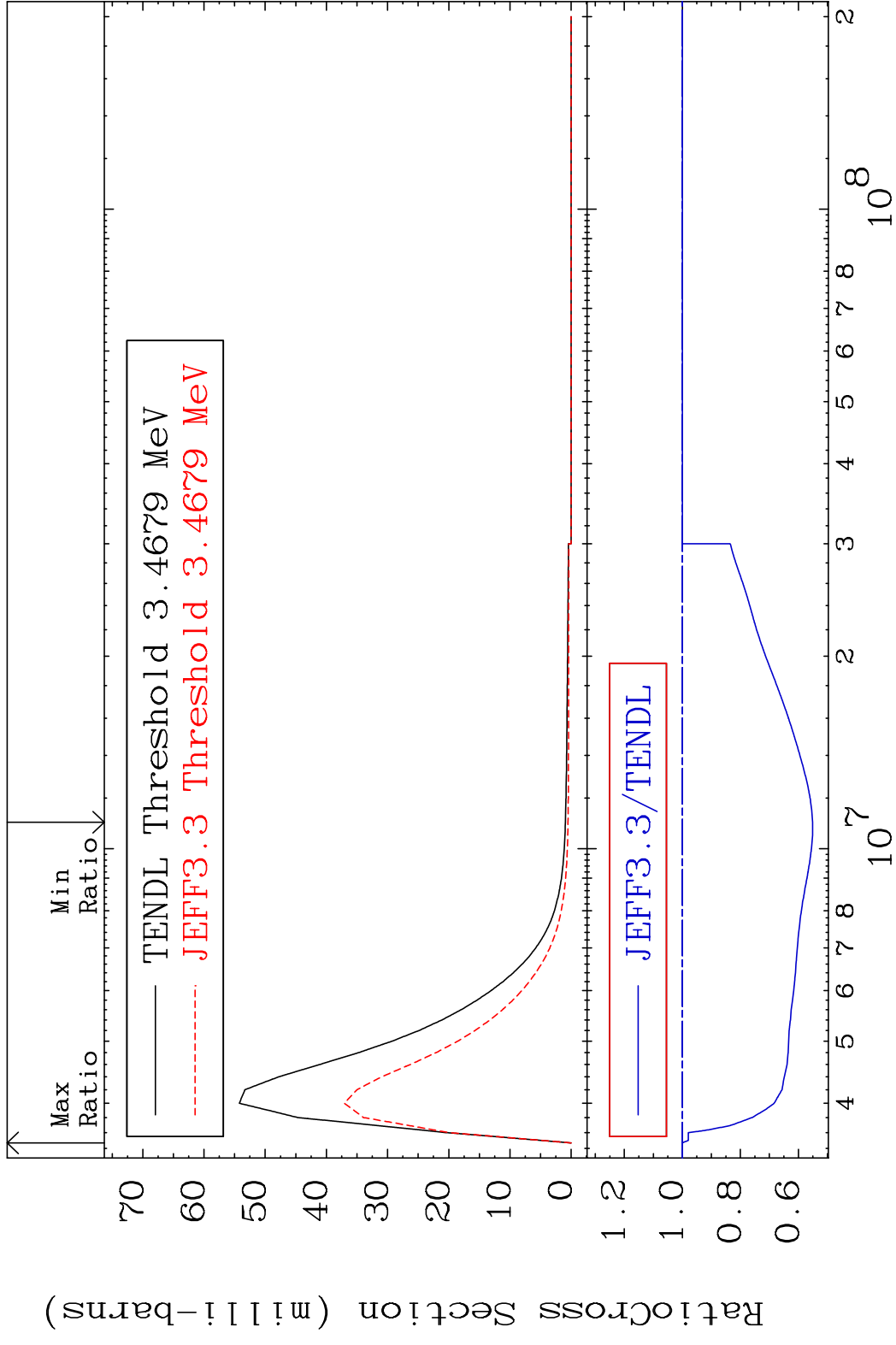


MAT 3643 MT= 74 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 22.55 %

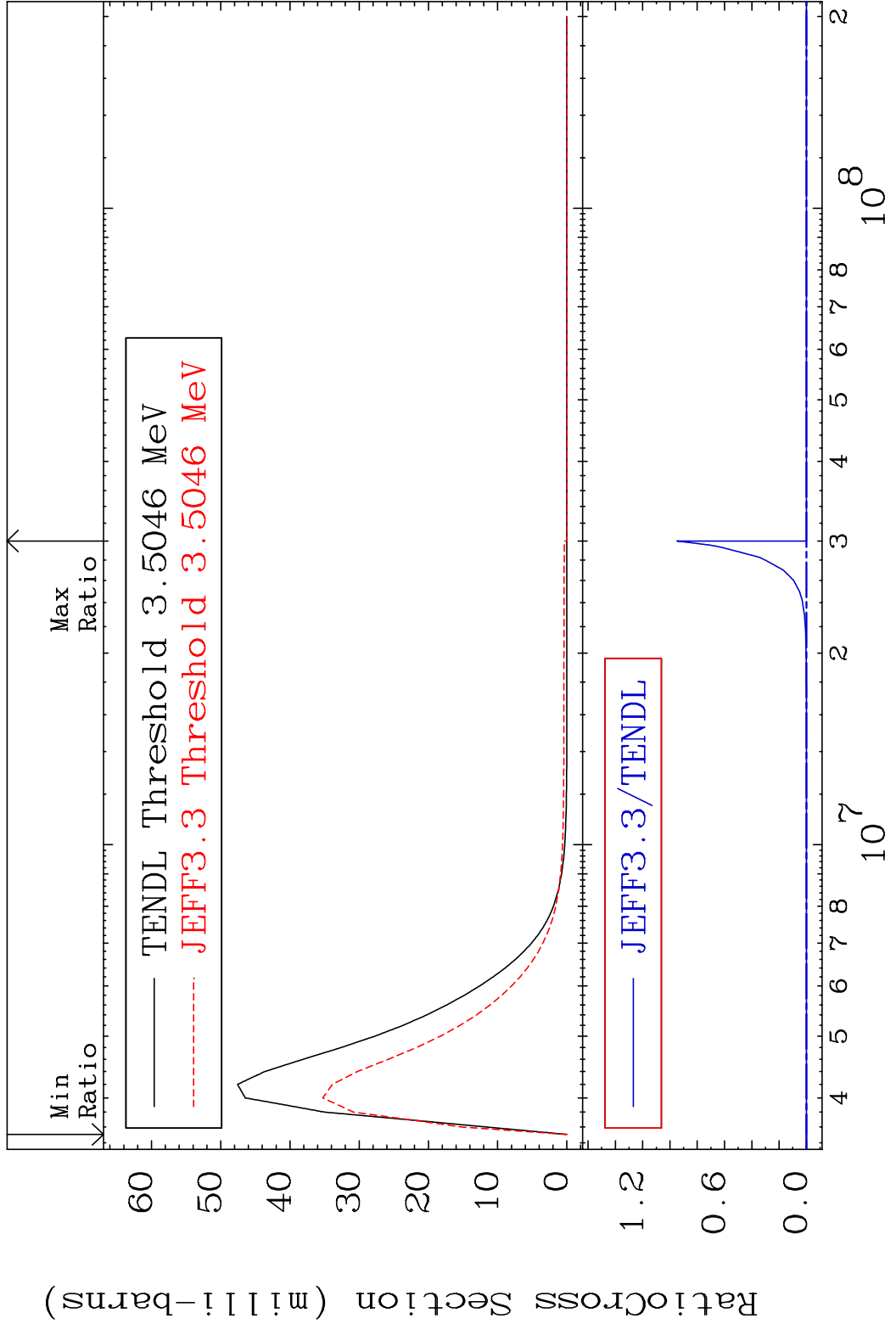


40 36-Kr-84

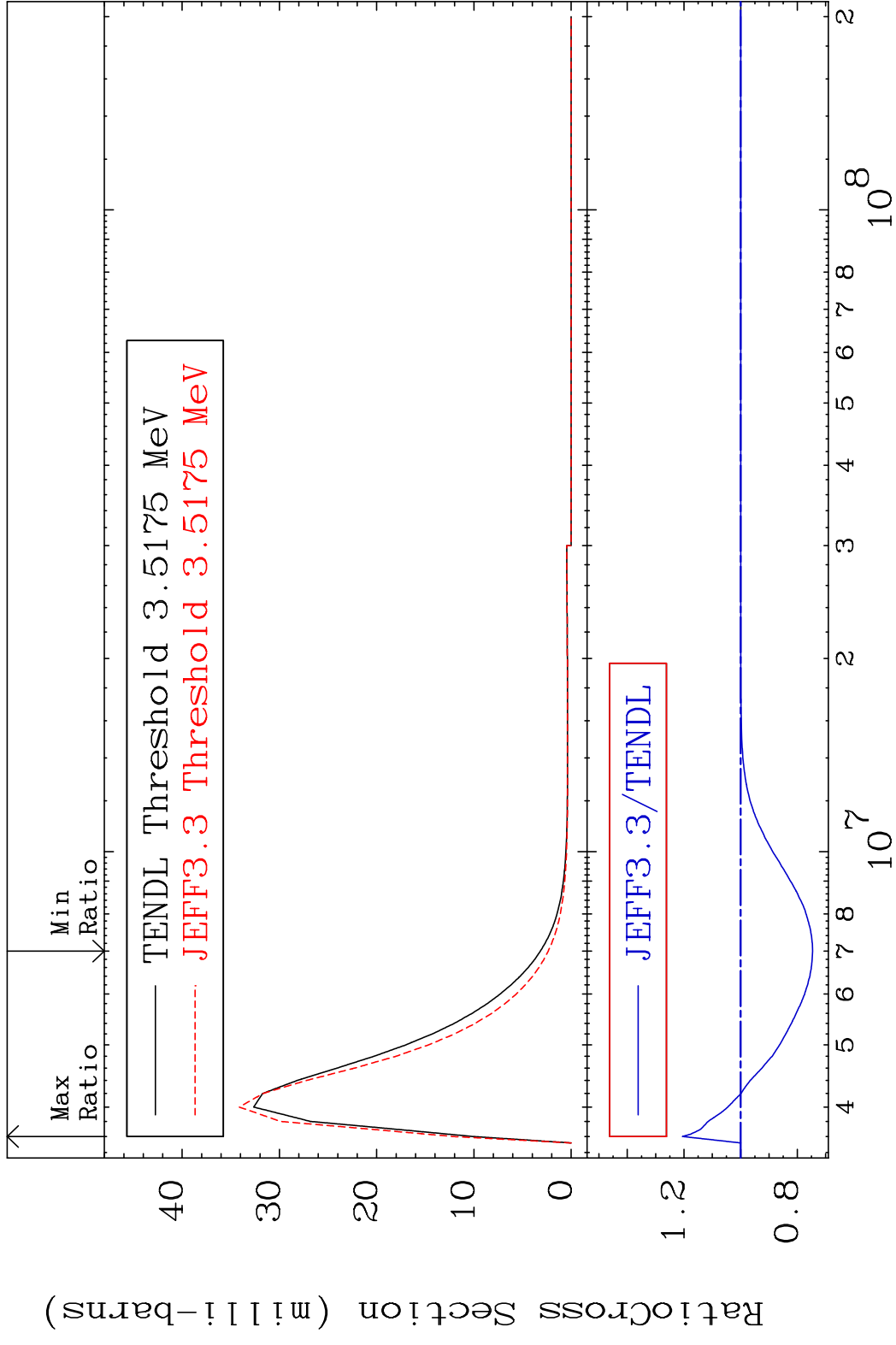
MAT 3643 MT= 75 (n,n') Level 36-Kr-84
 Cross Section -44.88 To 0.000 %



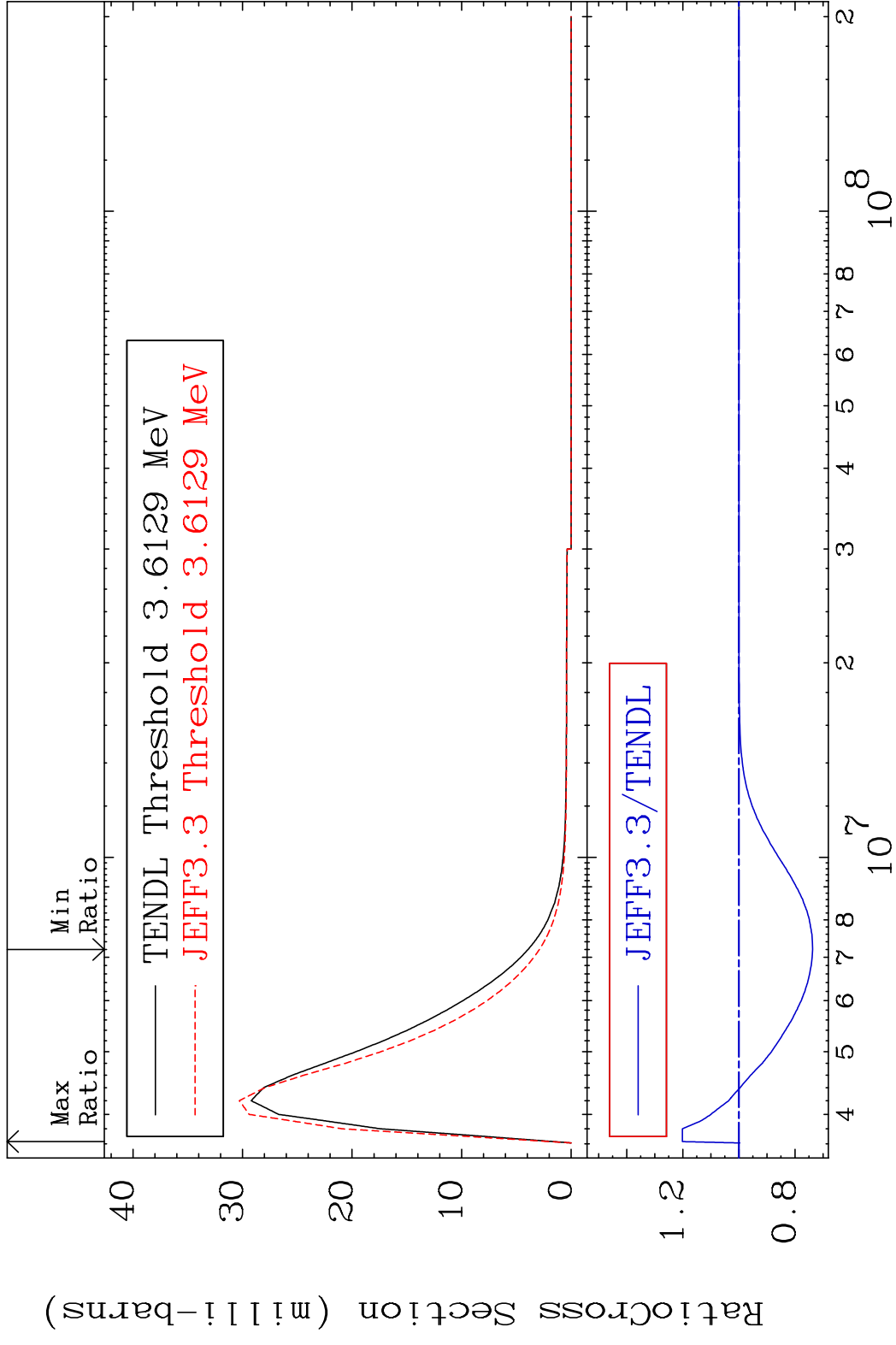
MAT 3643 MT= 76 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 9999. %



MAT 3643 MT= 77 (n, n') Level 36-Kr-84
 Cross Section -25.37 To 20.58 %



MAT 3643 MT= 78 (n, n') Level 36-Kr-84
 Cross Section -26.26 To 20.16 %

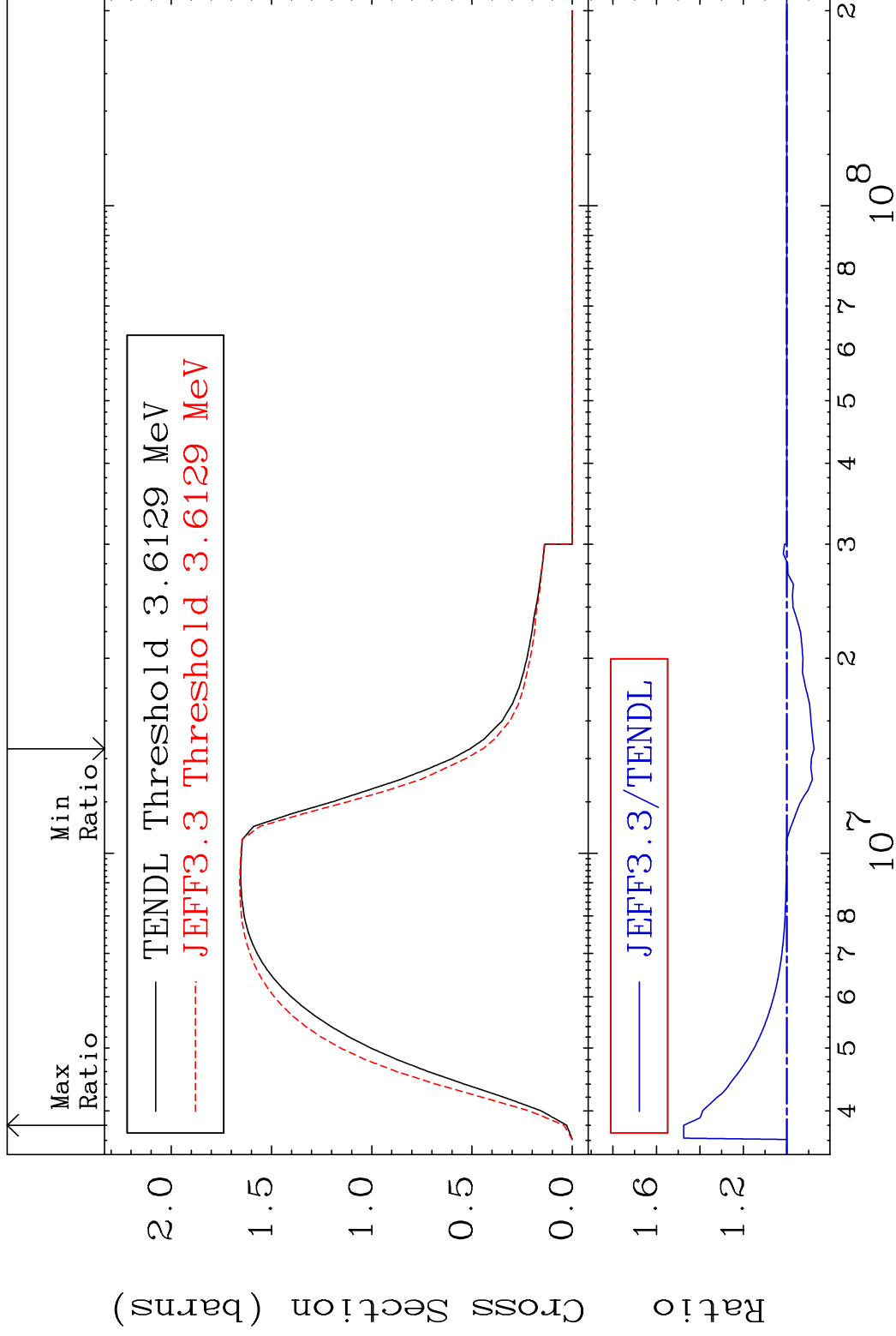


MAT 3643

(n,n') Continuum

³⁶Kr-84

Cross Section -12.54 To 47.46 %



45

Incident Energy (eV)

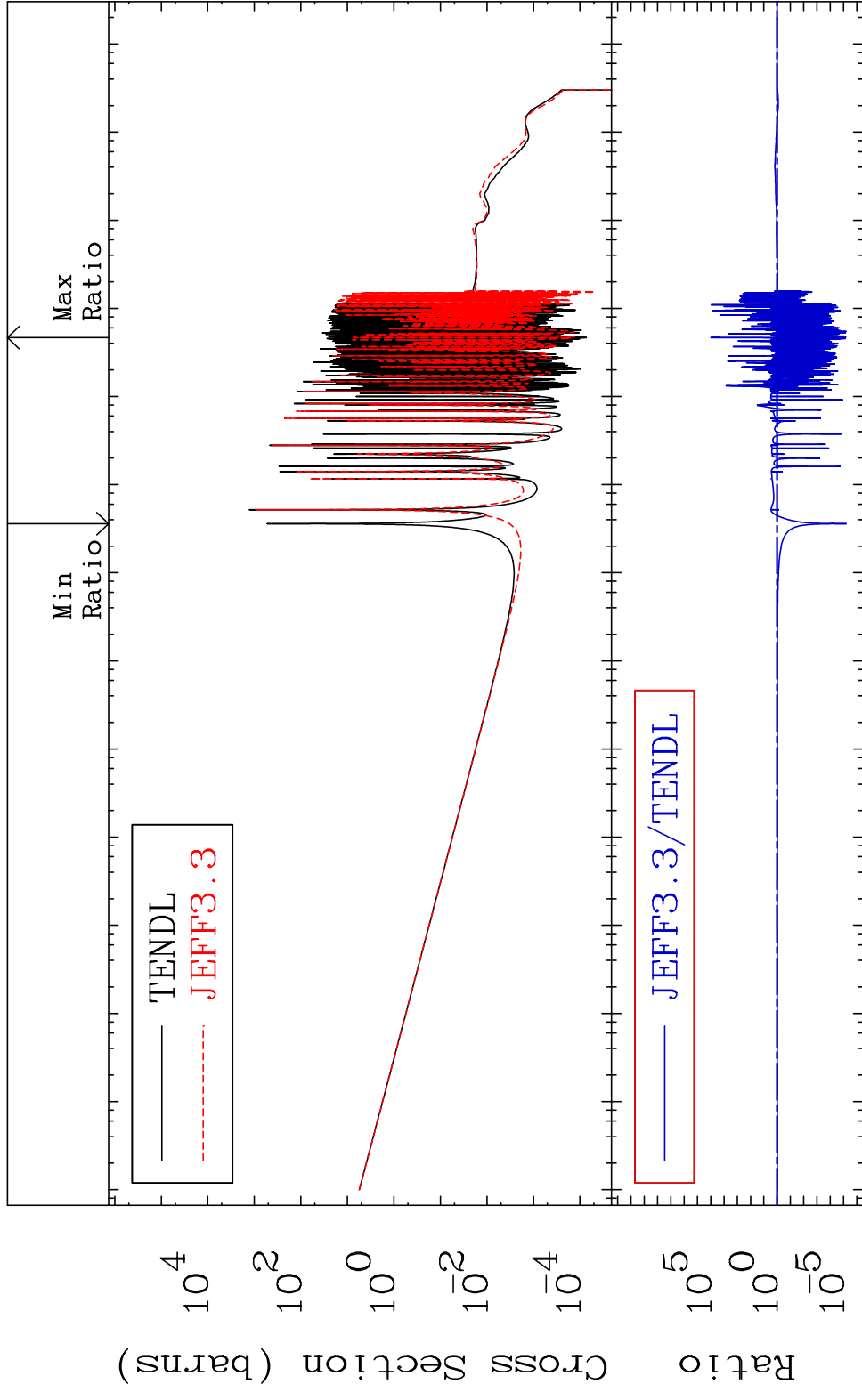
³⁶Kr-84

MAT 3643

36-Kr-84

(n, γ)

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

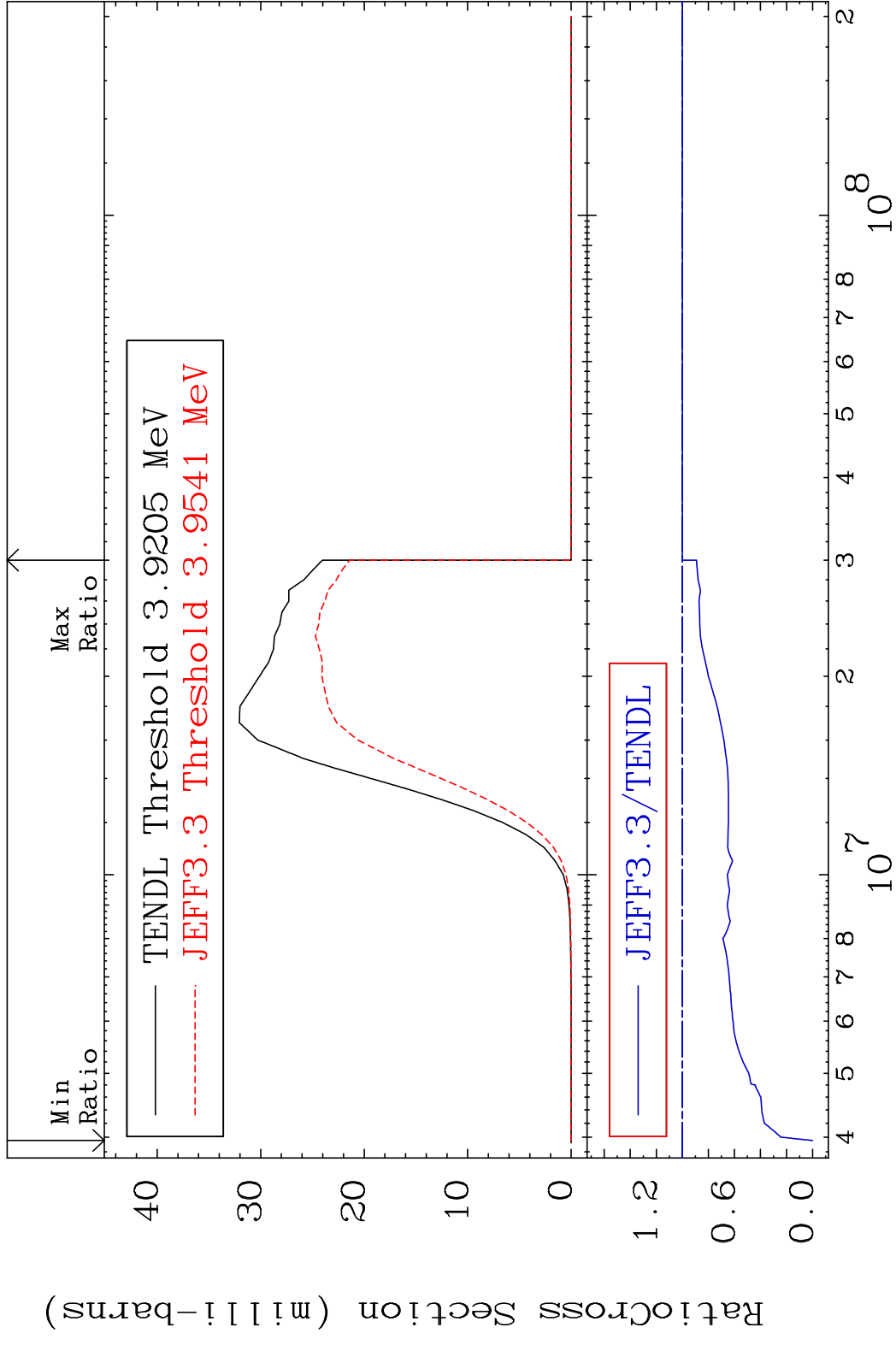
36-Kr-84

MAT 3643

(n, p)

36-Kr-84

Cross Section -100.0 To 0.000 %



47

Incident Energy (eV)

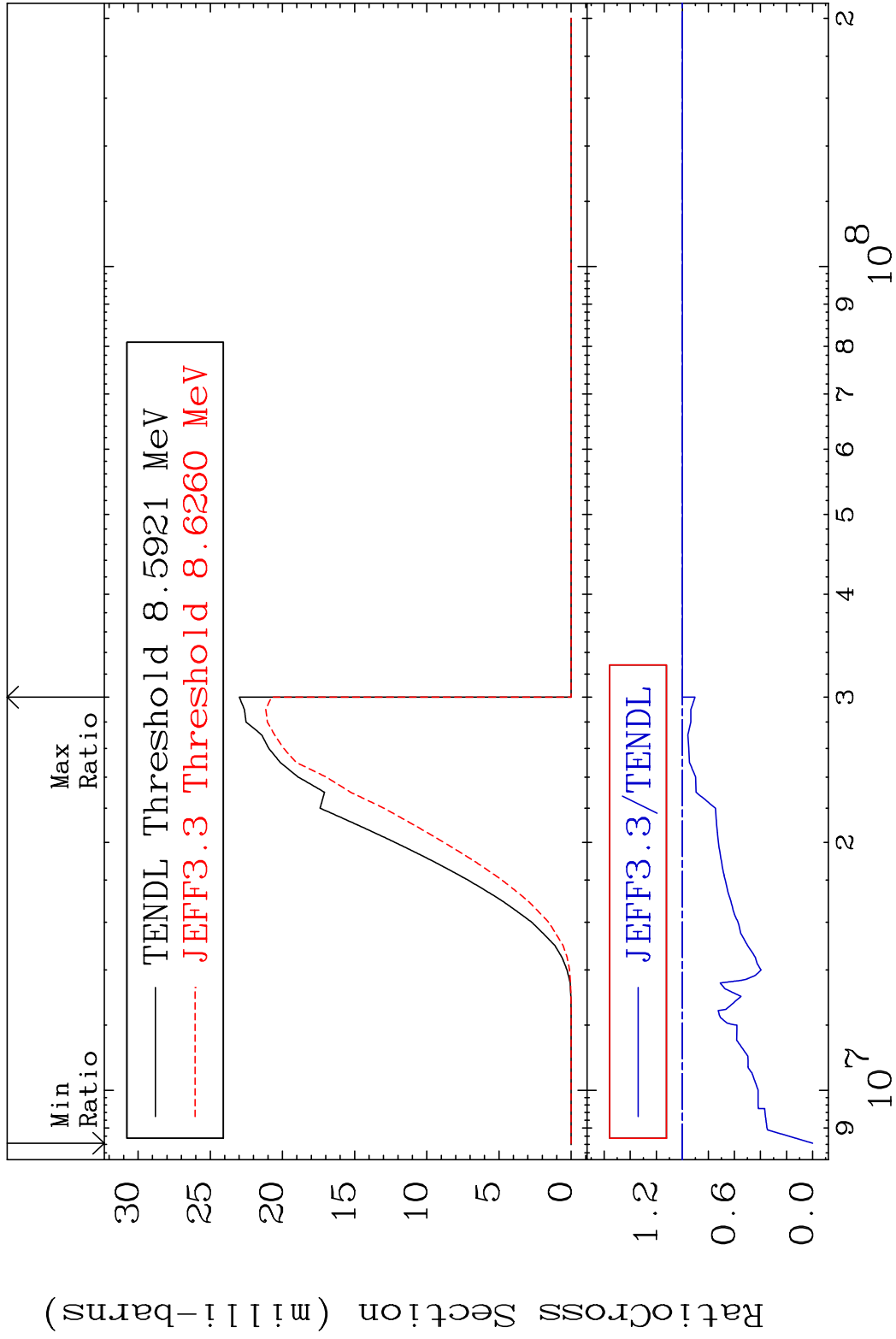
36-Kr-84

MAT 3643

(n, d)

36-Kr-84

Cross Section -100.0 To 0.000 %



48

Incident Energy (eV)

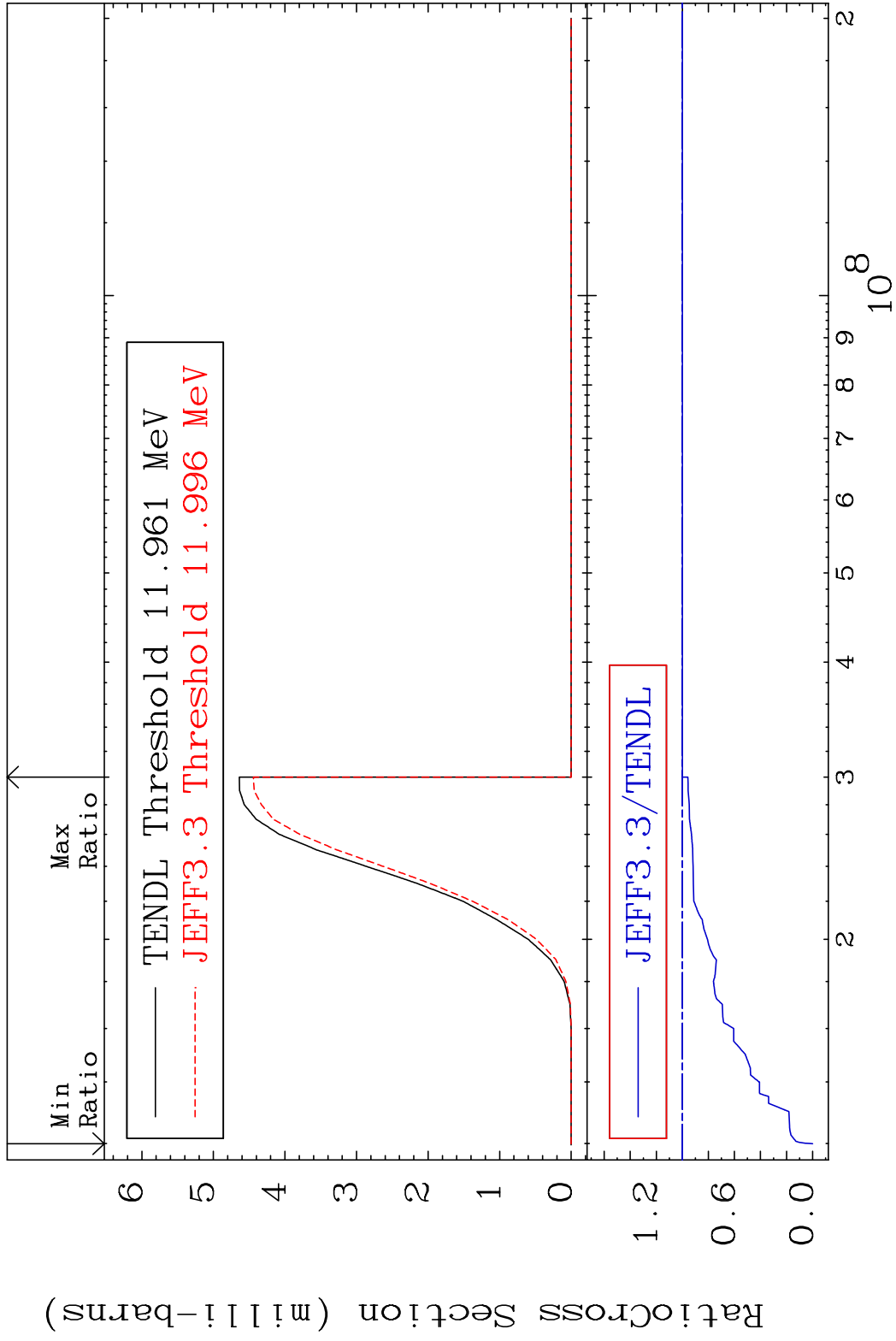
36-Kr-84

MAT 3643

(n, t)

36-Kr-84

Cross Section -100.0 To 0.000 %

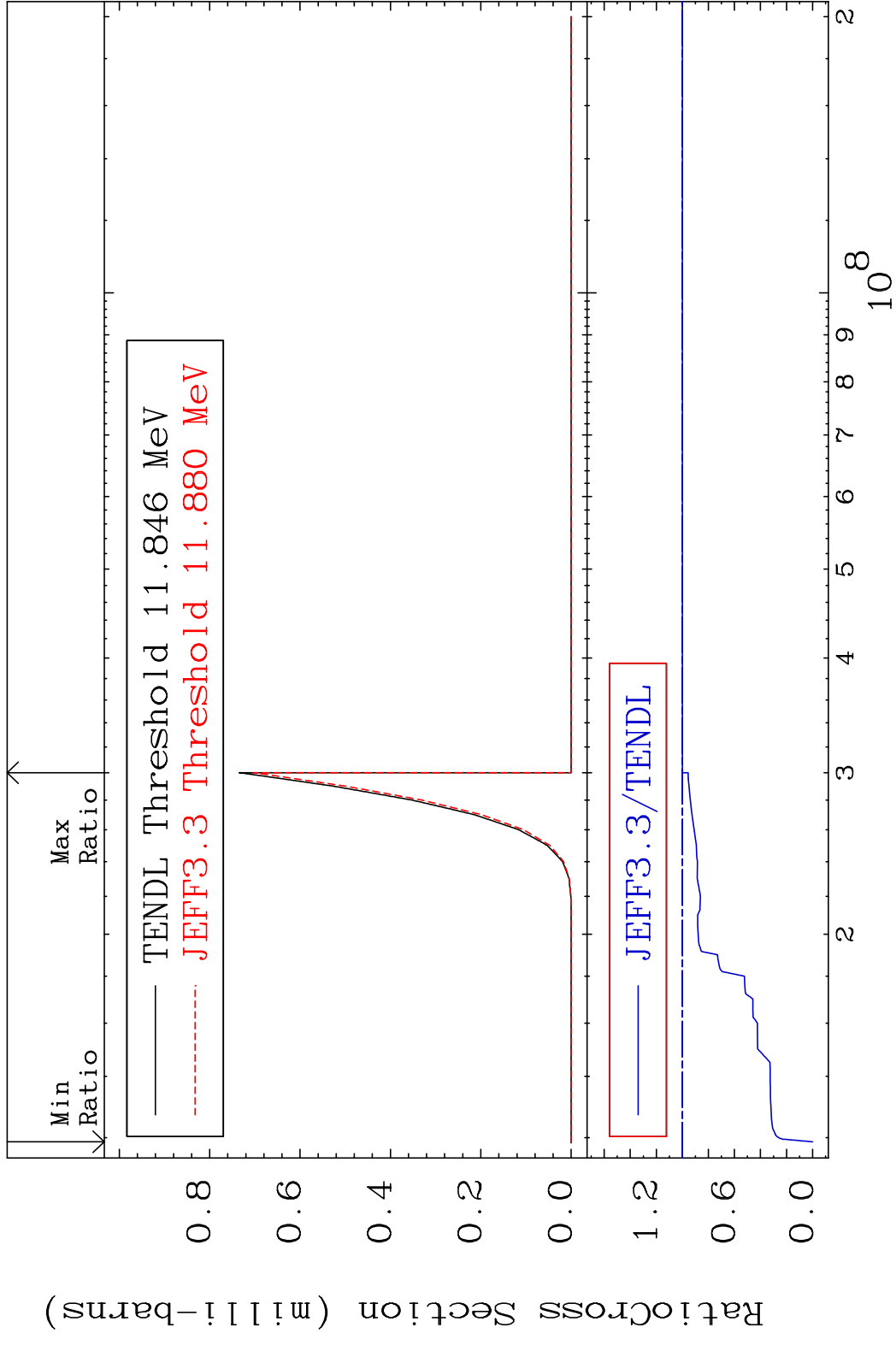


49

Incident Energy (eV)

36-Kr-84

MAT 3643 (n, He-3) 36-Kr-84
 Cross Section -100.0 To 0.000 %

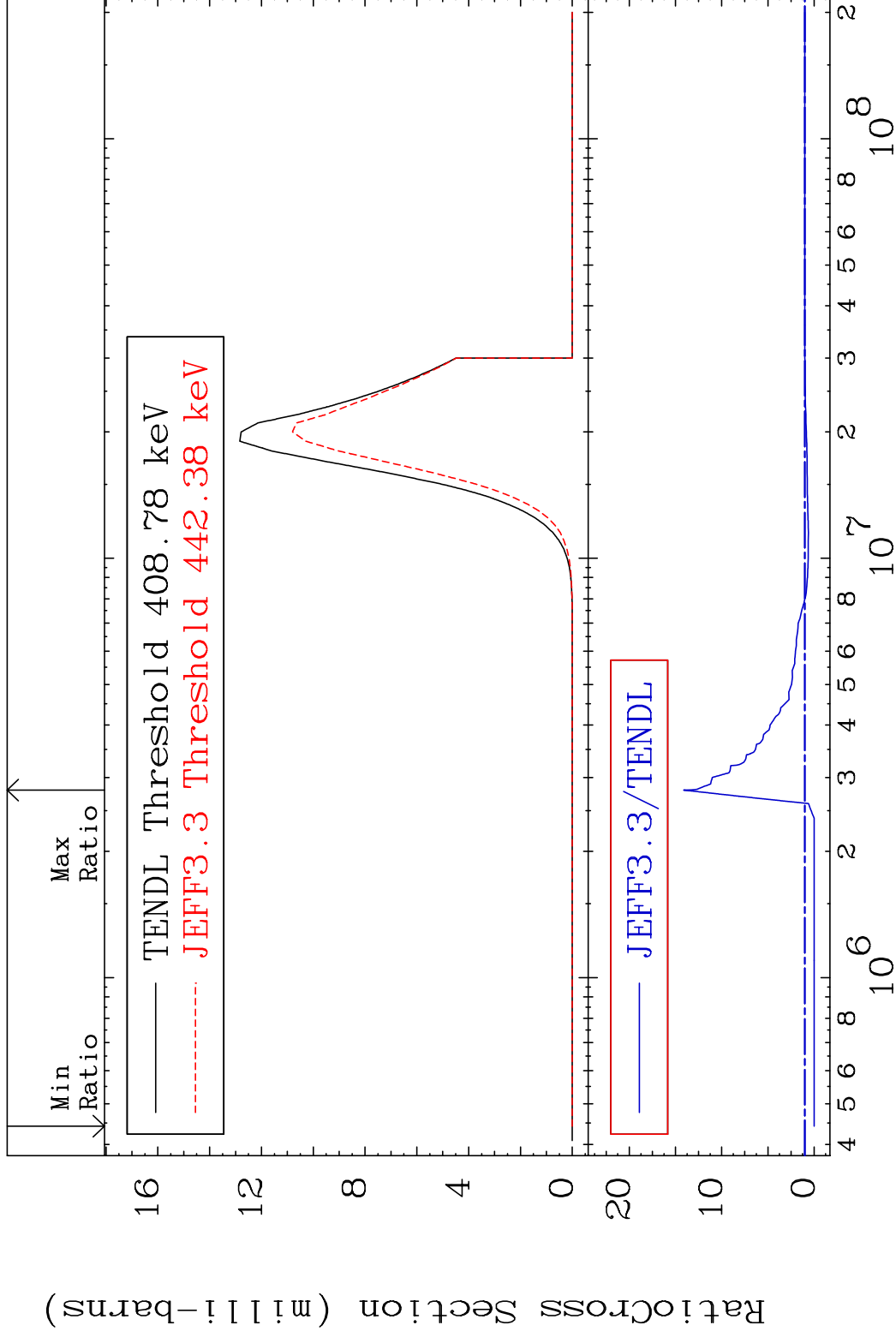


MAT 3643

(n, α)

36-Kr-84

Cross Section -100.0 To 1312. %



51

Incident Energy (eV)

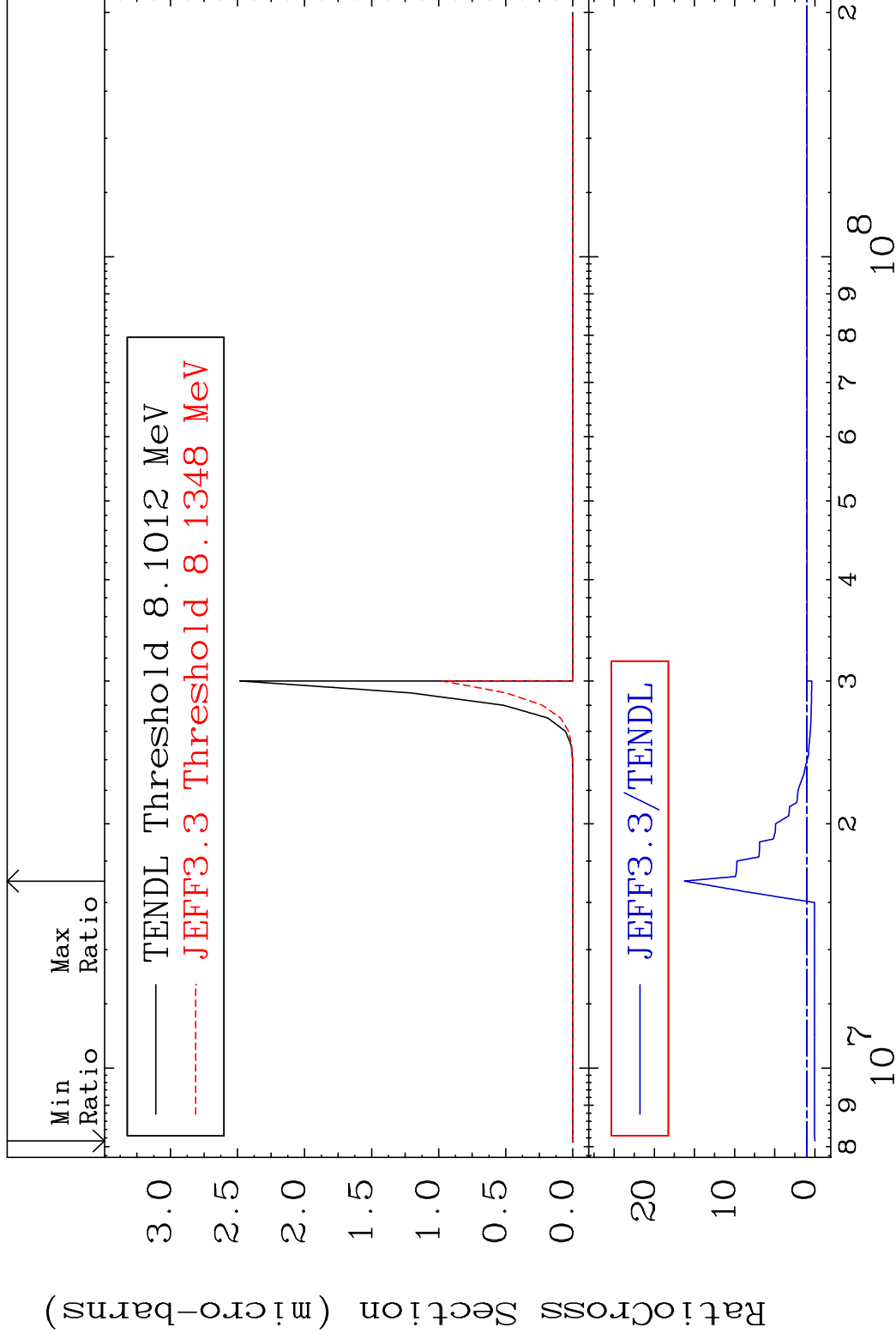
36-Kr-84

MAT 3643

(n,2α)

36-Kr-84

Cross Section -100.0 To 1526. %

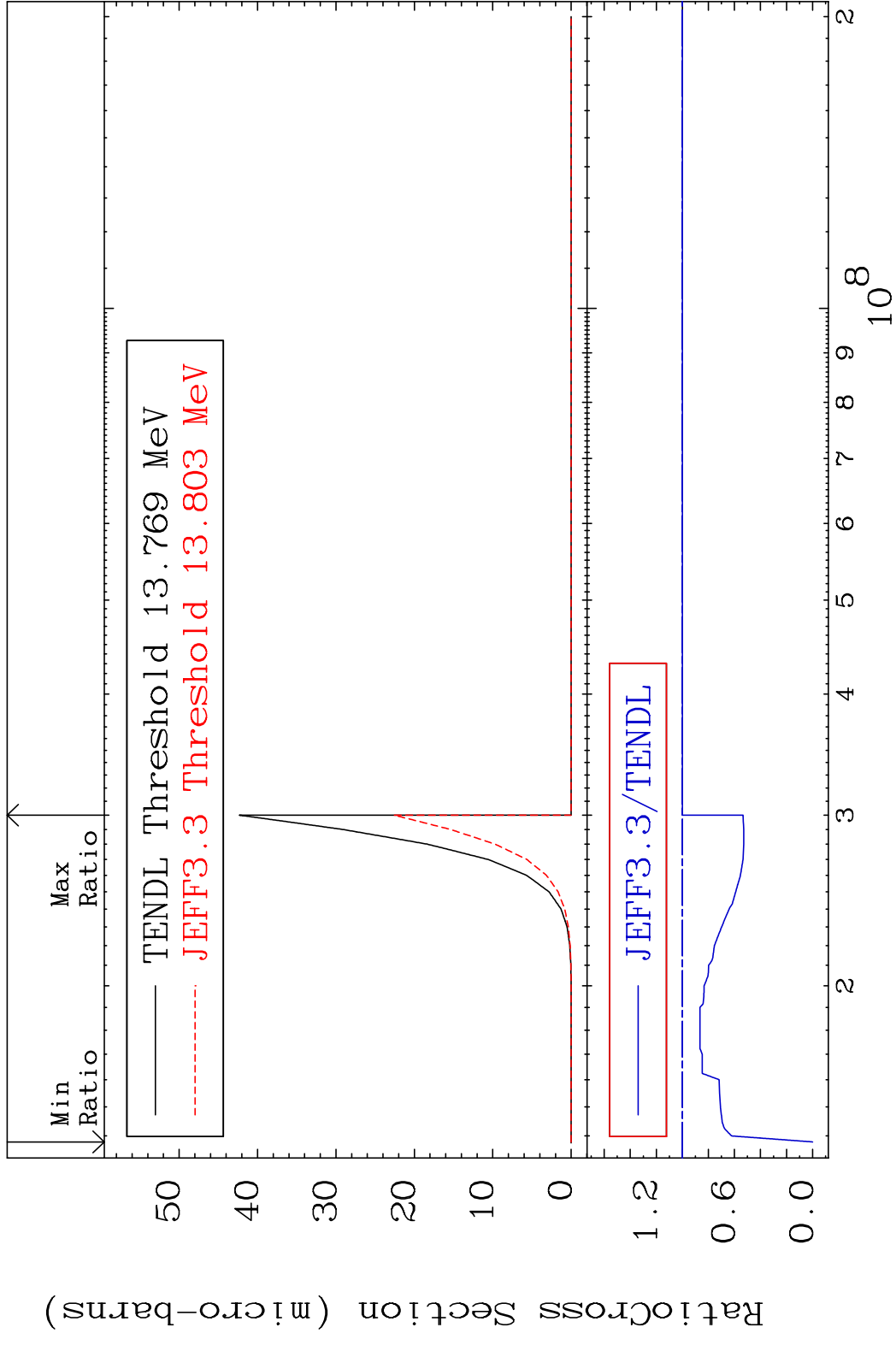


52

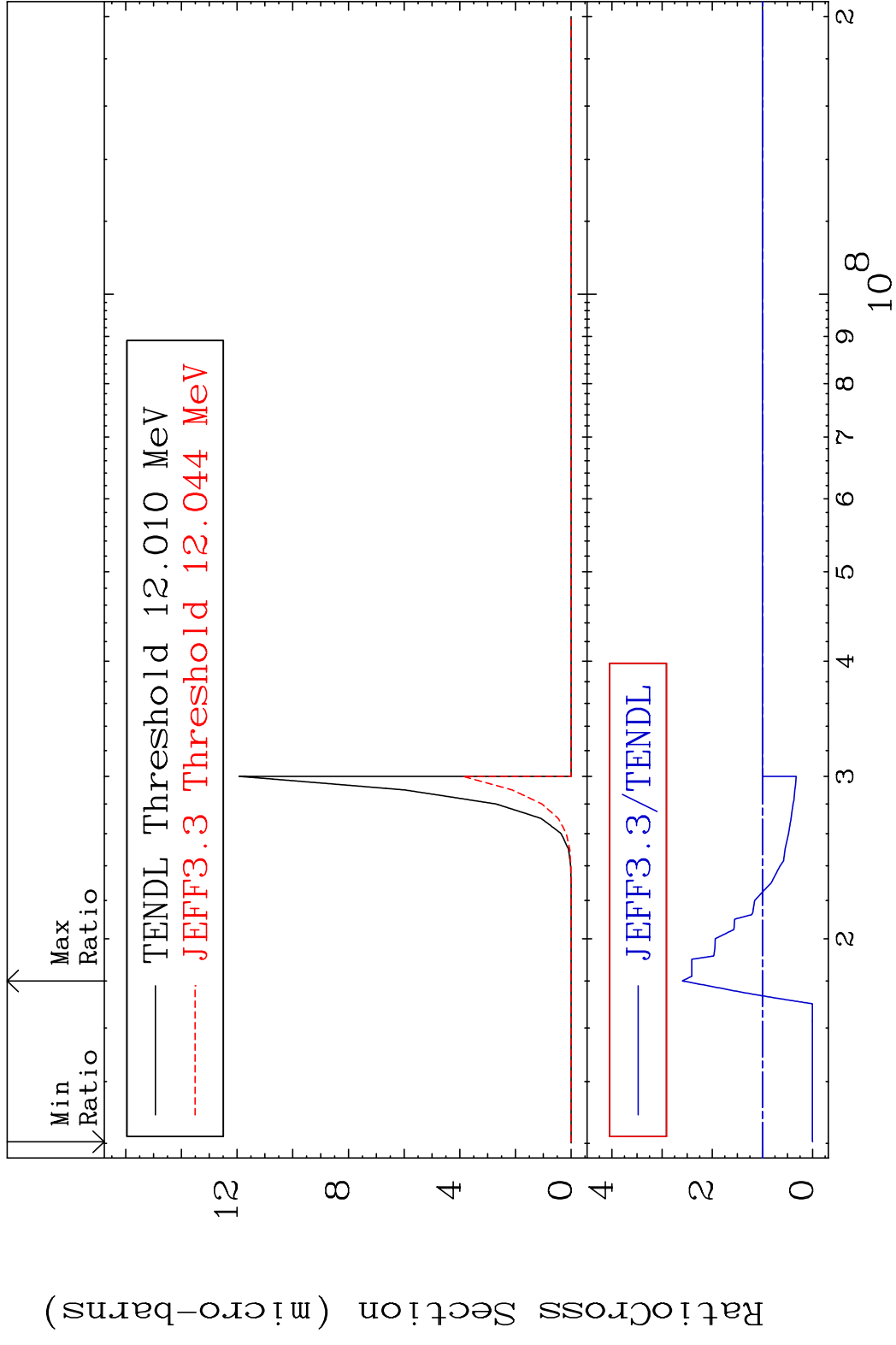
Incident Energy (eV)

36-Kr-84

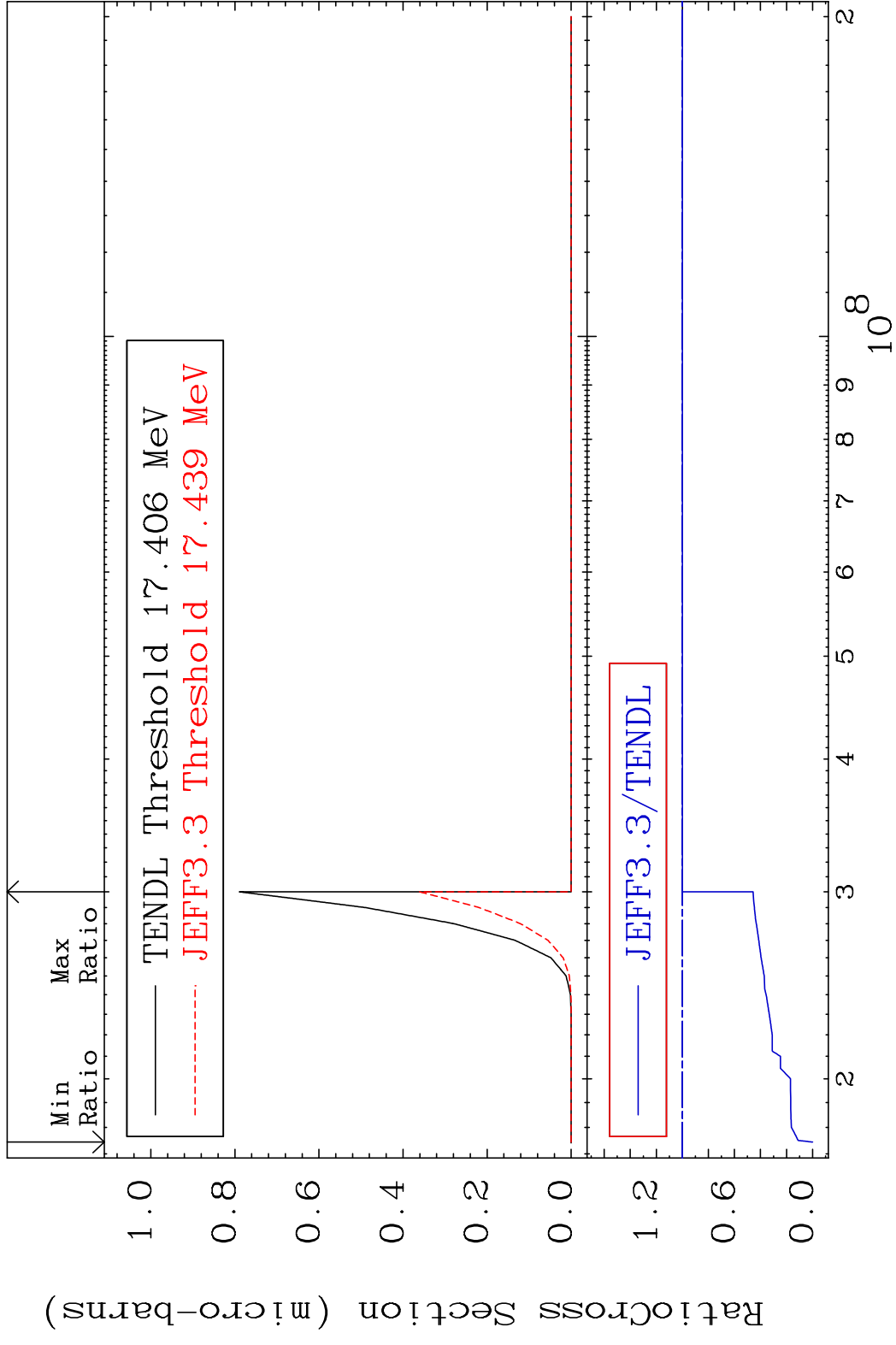
MAT 3643 (n,2p) 36-Kr-84
 Cross Section -100.0 To 0.000 %



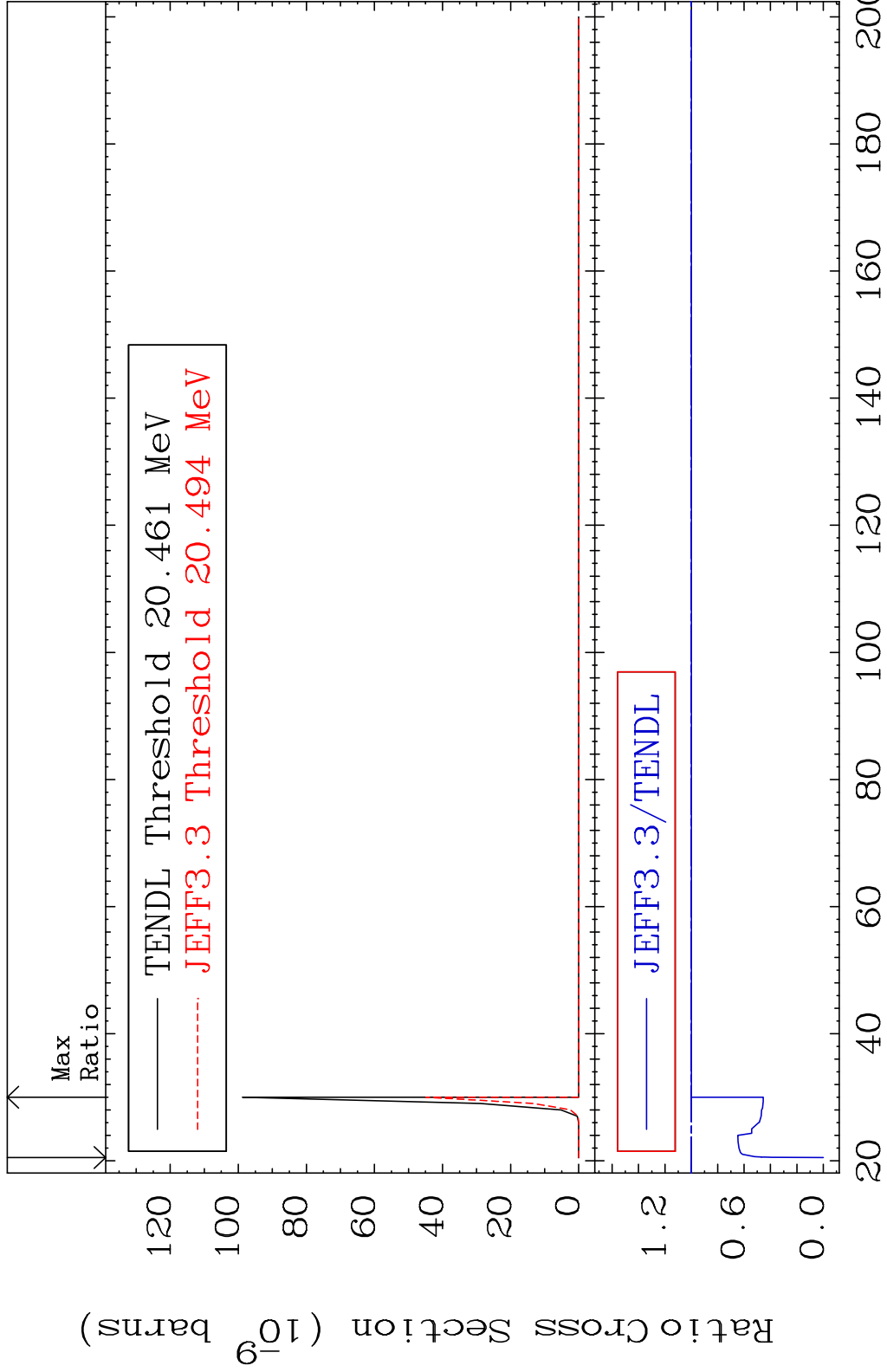
MAT 3643 (n,p) α 36-Kr-84
 Cross Section -100.0 To 159.5 %



MAT 3643 (n,p) d 36-Kr-84
 Cross Section -100.0 To 0.000 %



MAT 3643 (n,p) t 36-Kr-84
 Cross Section -100.0 To 0.000 %

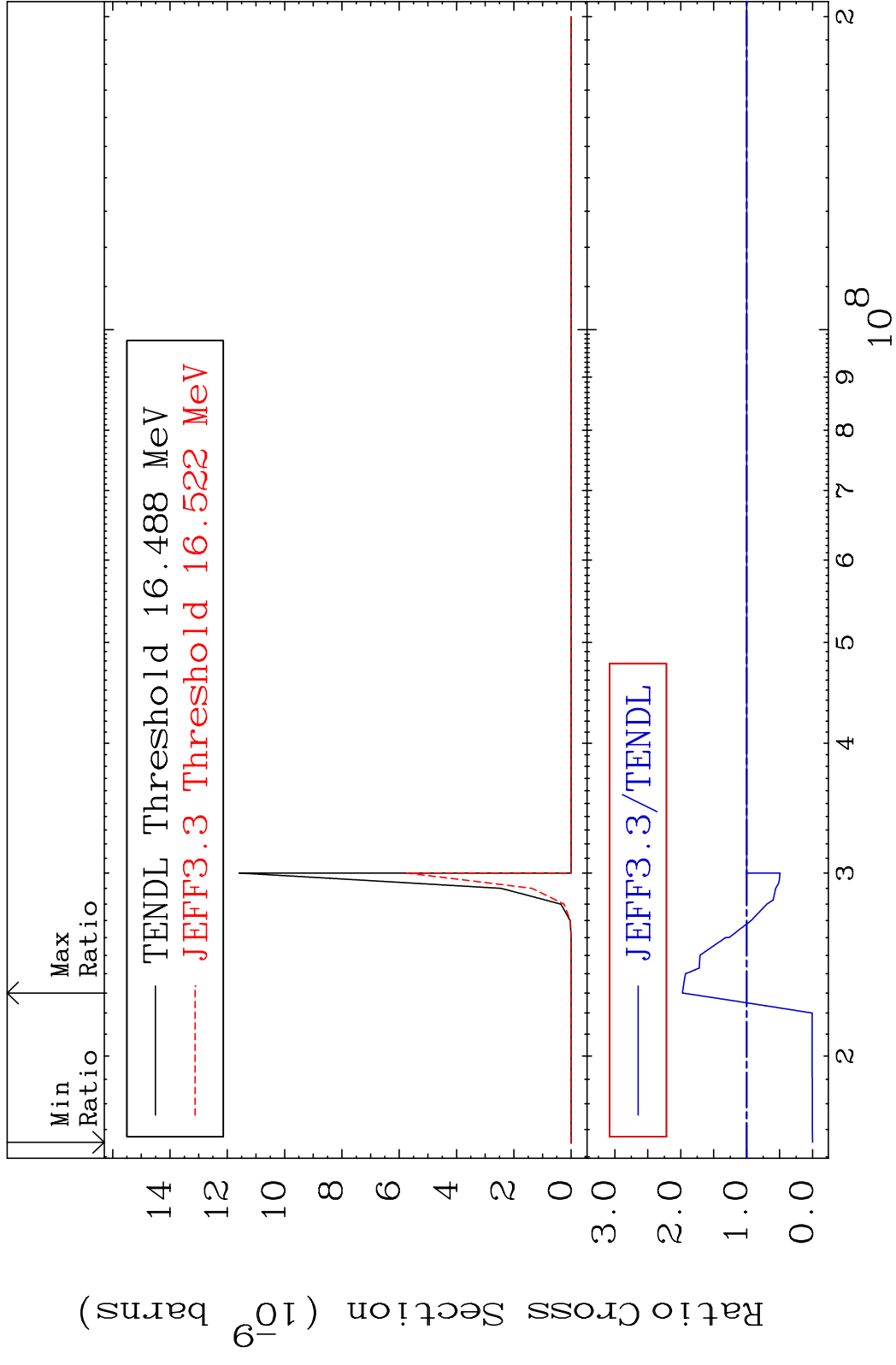


MAT 3643

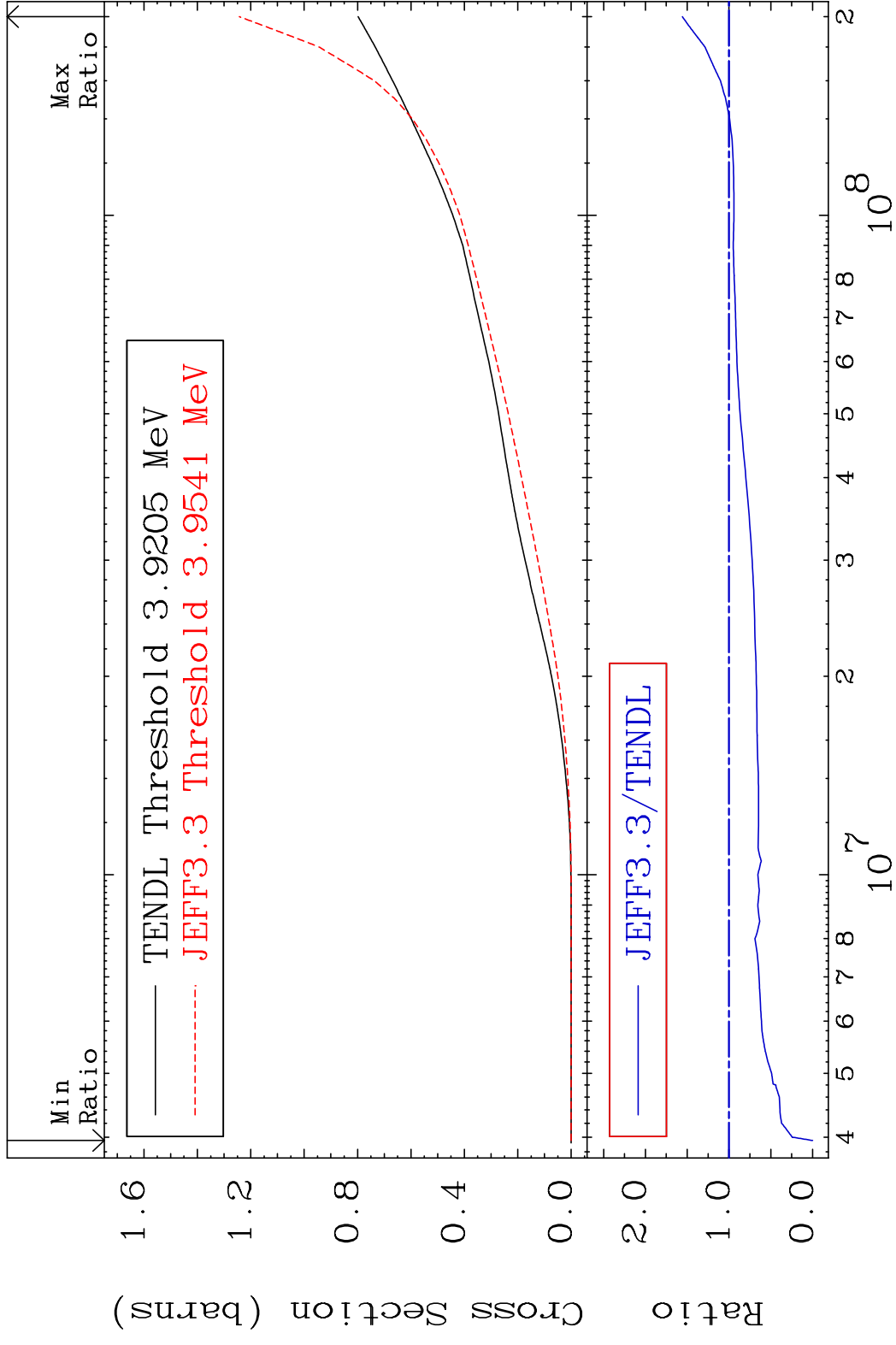
(n,d) α

36-Kr-84

Cross Section -100.0 To 97.59 %



MAT 3643 Hydrogen Production 36-Kr-84
 Cross Section -100.0 To 55.80 %

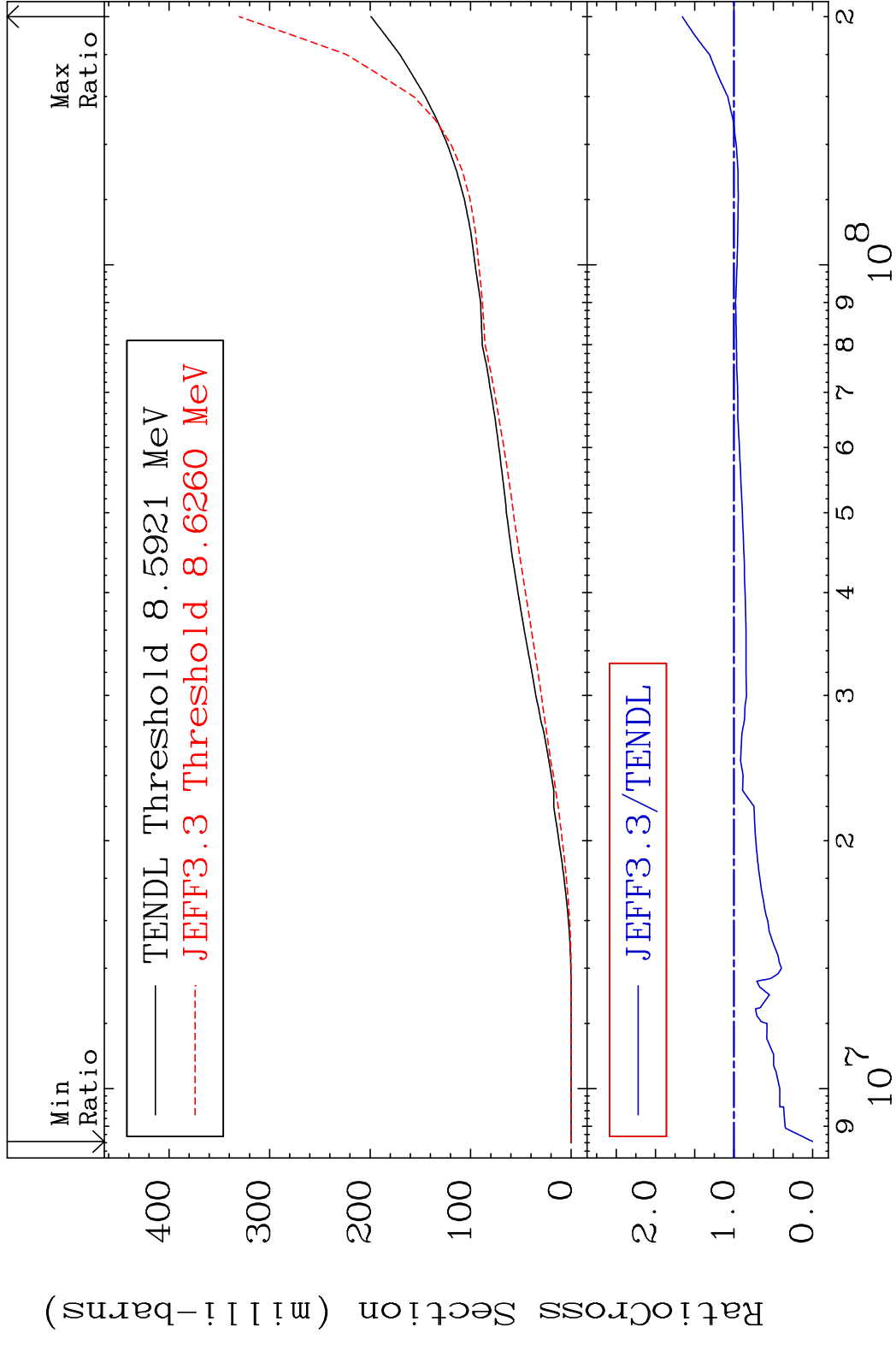


MAT 3643

Deuterium Production

³⁶Kr-84

Cross Section -100.0 To 65.78 %

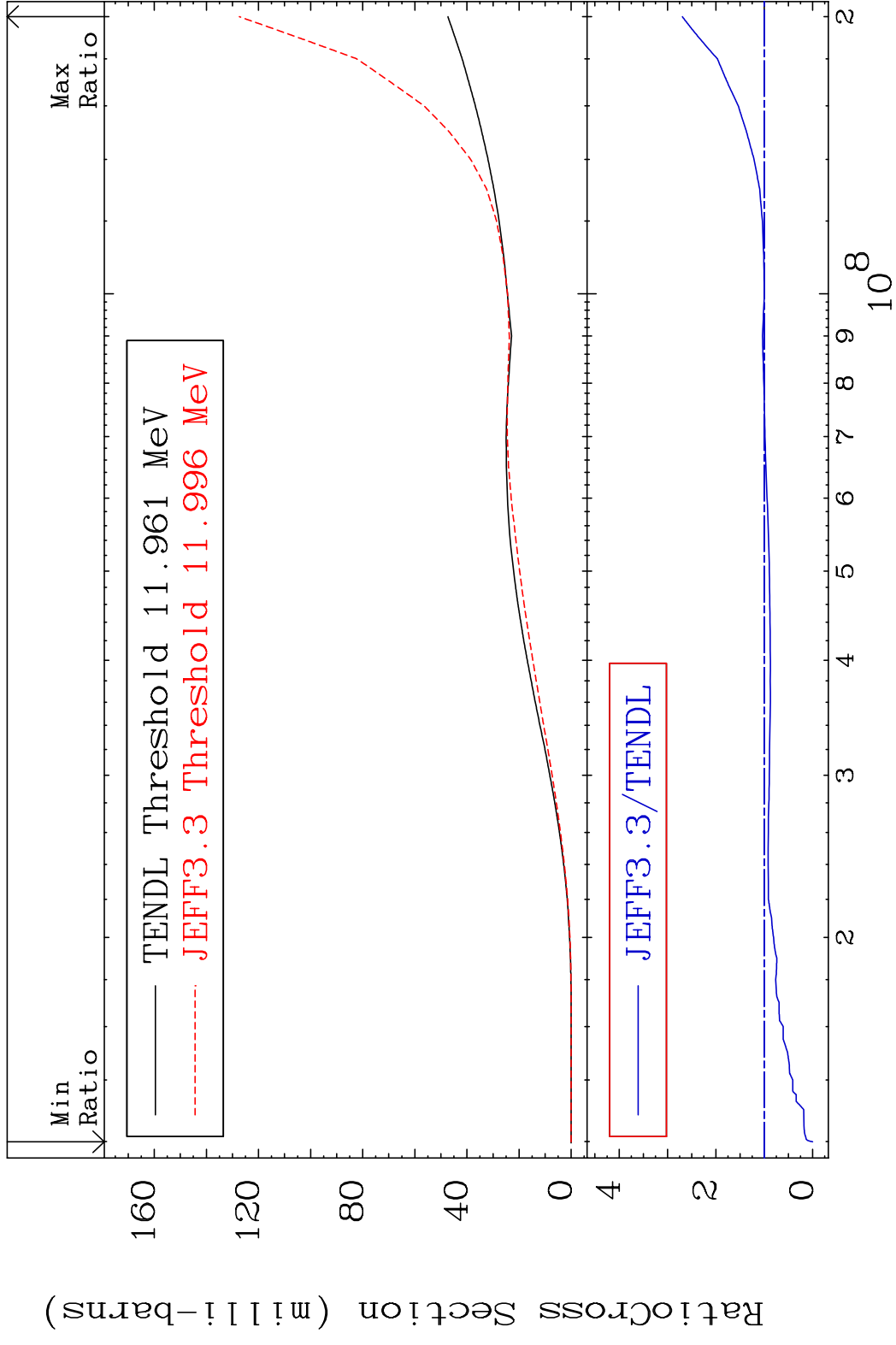


59

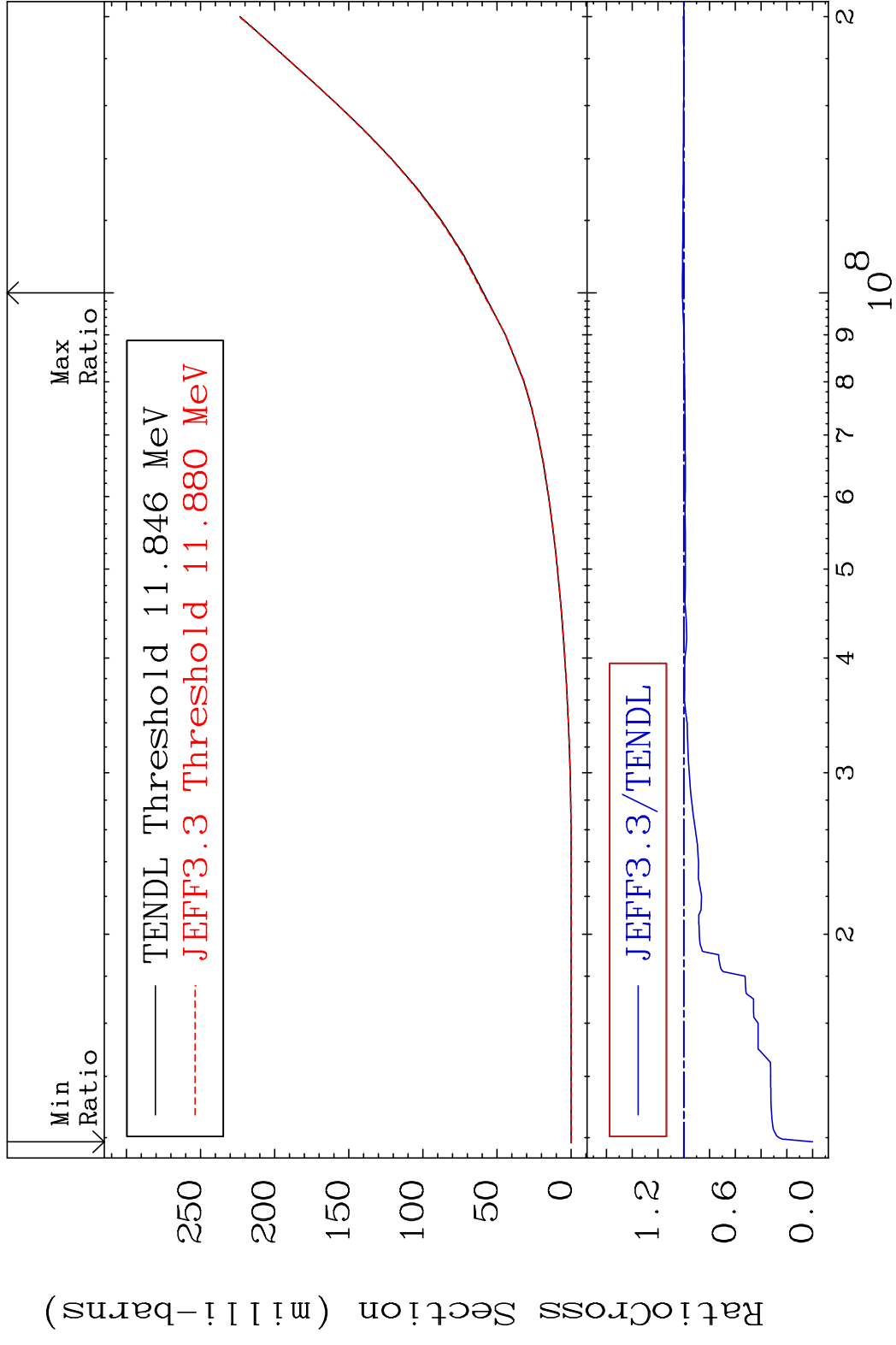
Incident Energy (eV)

³⁶Kr-84

MAT 3643 Tritium Production 36-Kr-84
 Cross Section -100.0 To 169.2 %



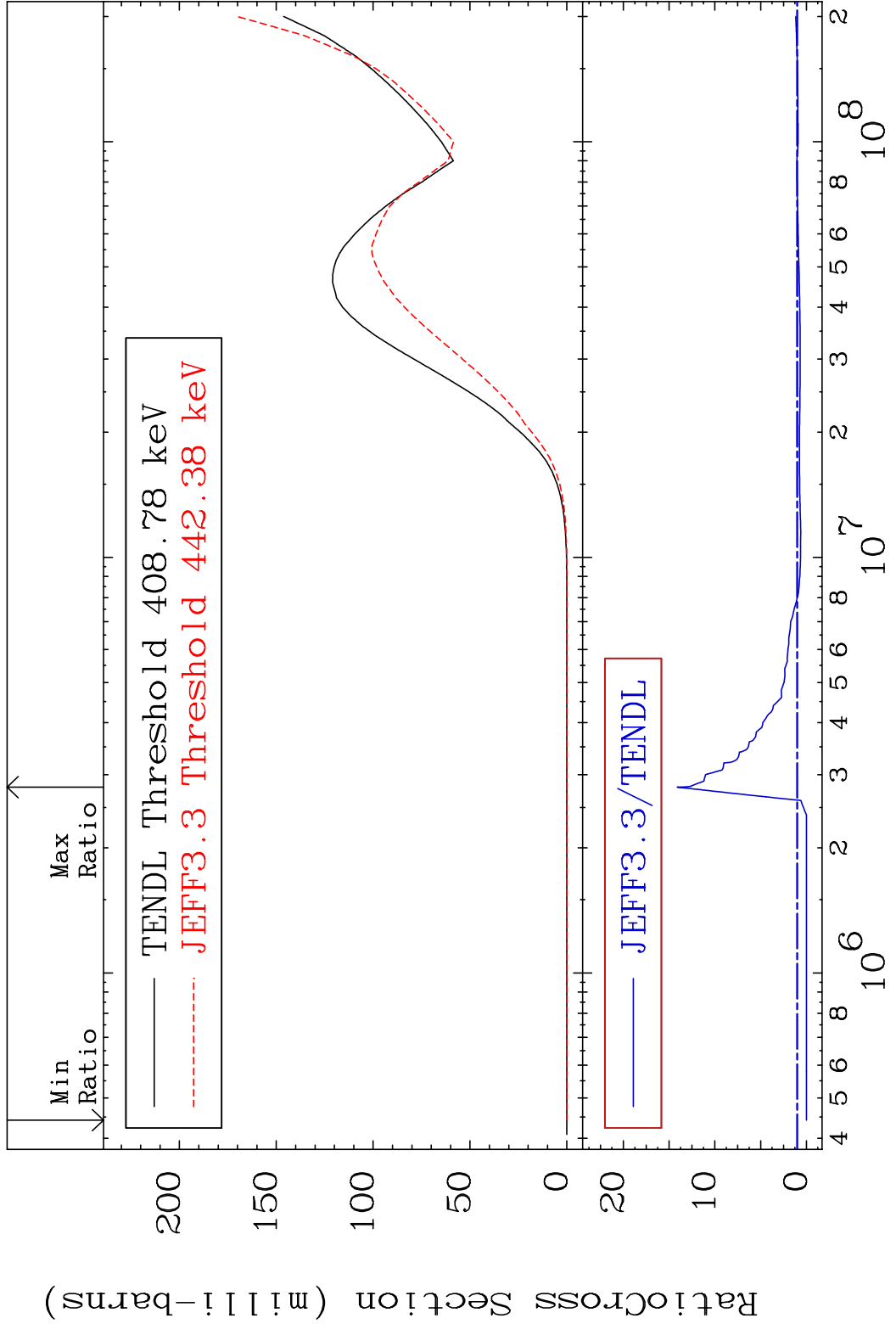
MAT 3643 He-3 Production 36-Kr-84
 Cross Section -100.0 To 1.027 %



MAT 3643

He-4 Production 36-Kr-84

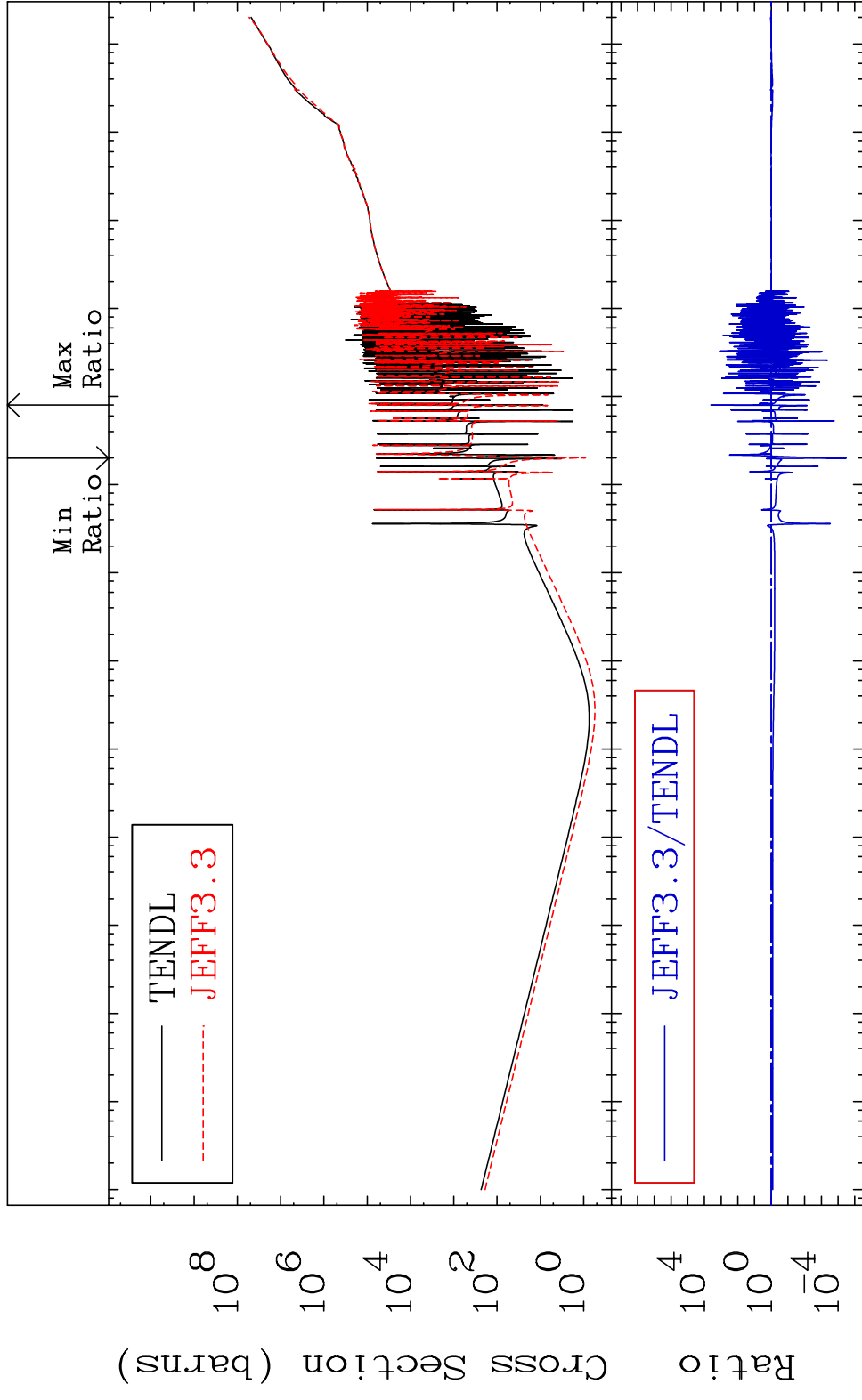
Cross Section -100.0 To 1312. %



62

36-Kr-84

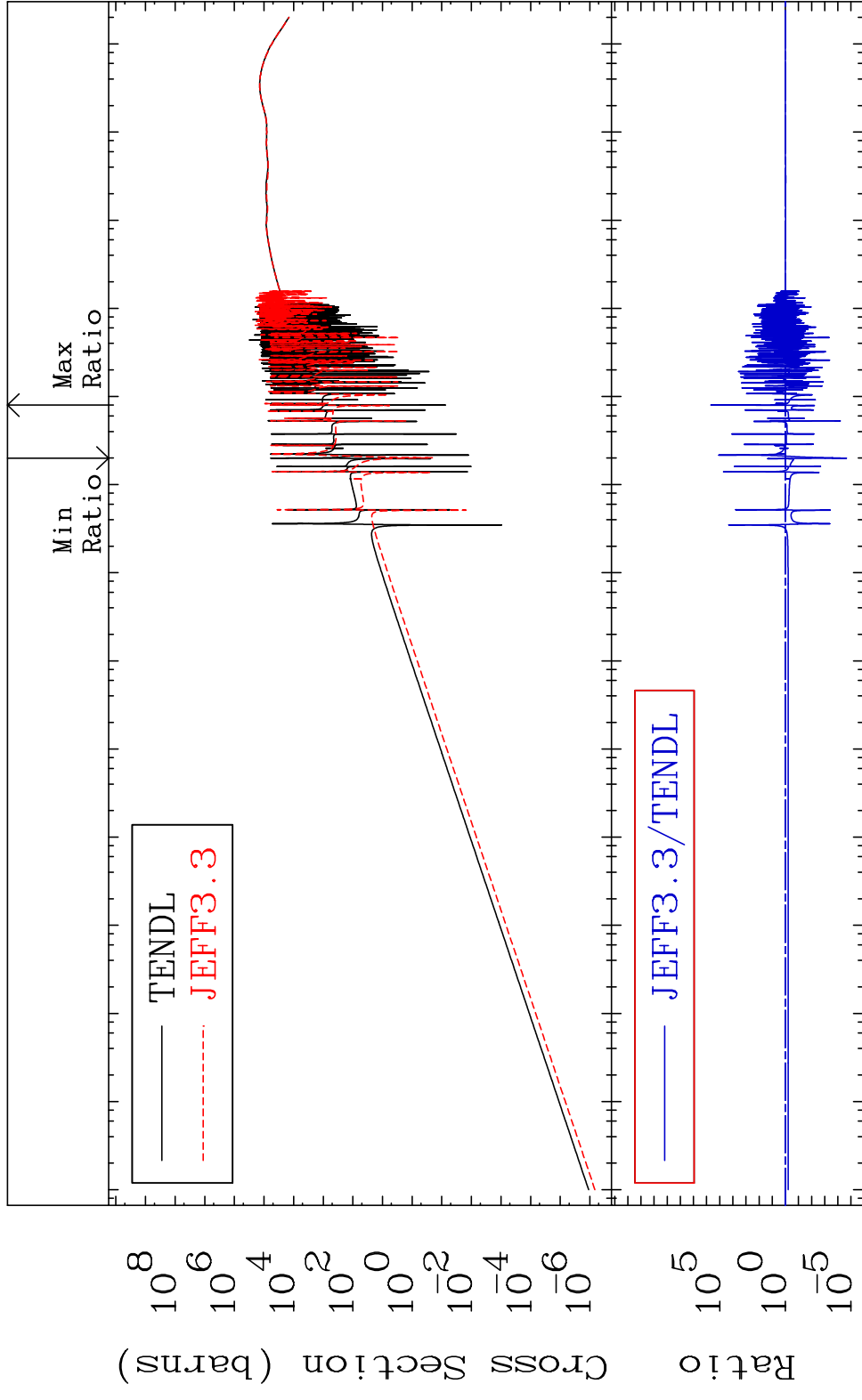
MAT 3643 Kerma total (eV-barns) 36-Kr-84
 Cross Section -100.0 To 9999. %



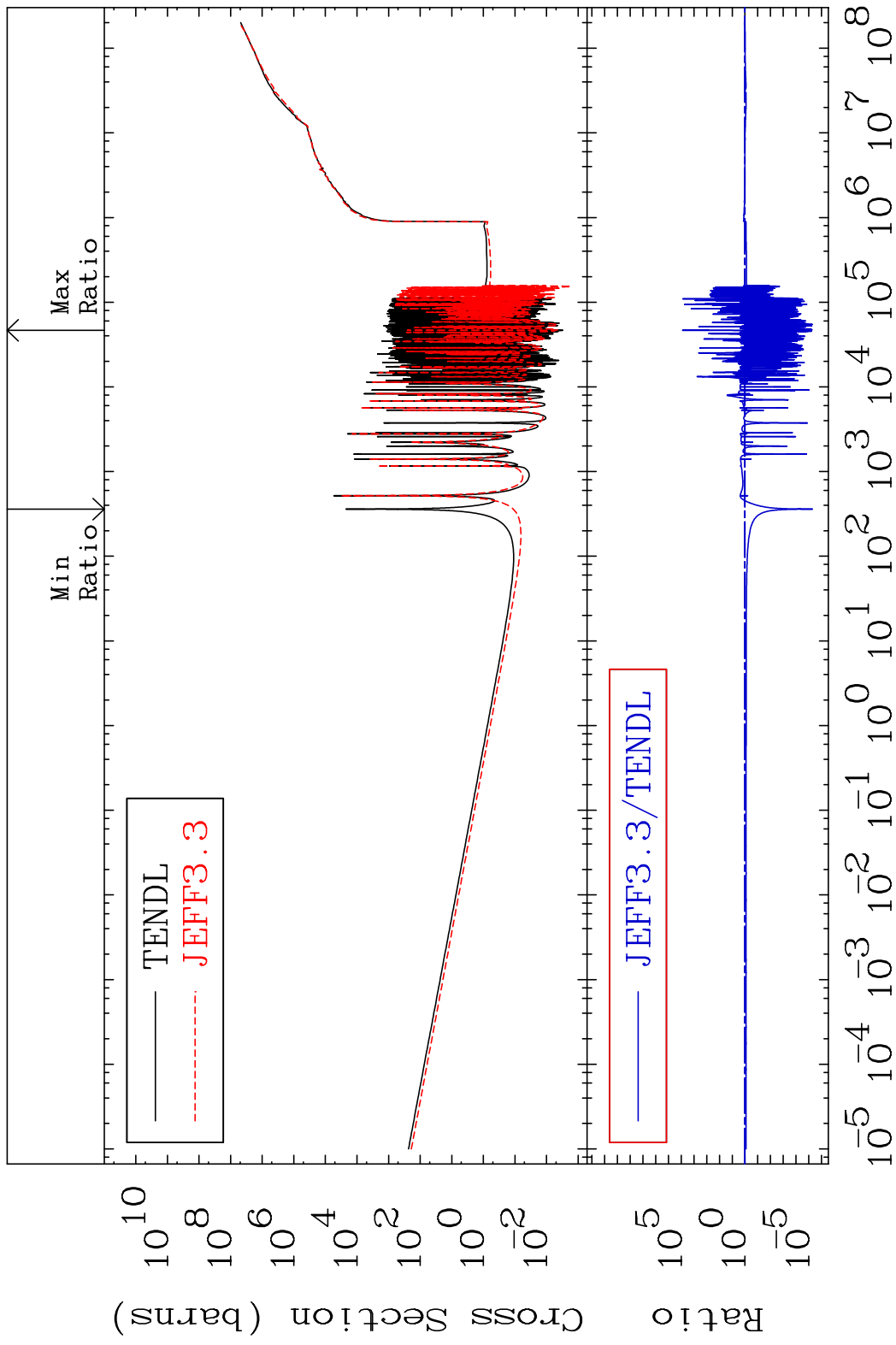
63 Incident Energy (eV) 36-Kr-84

MAT 3643

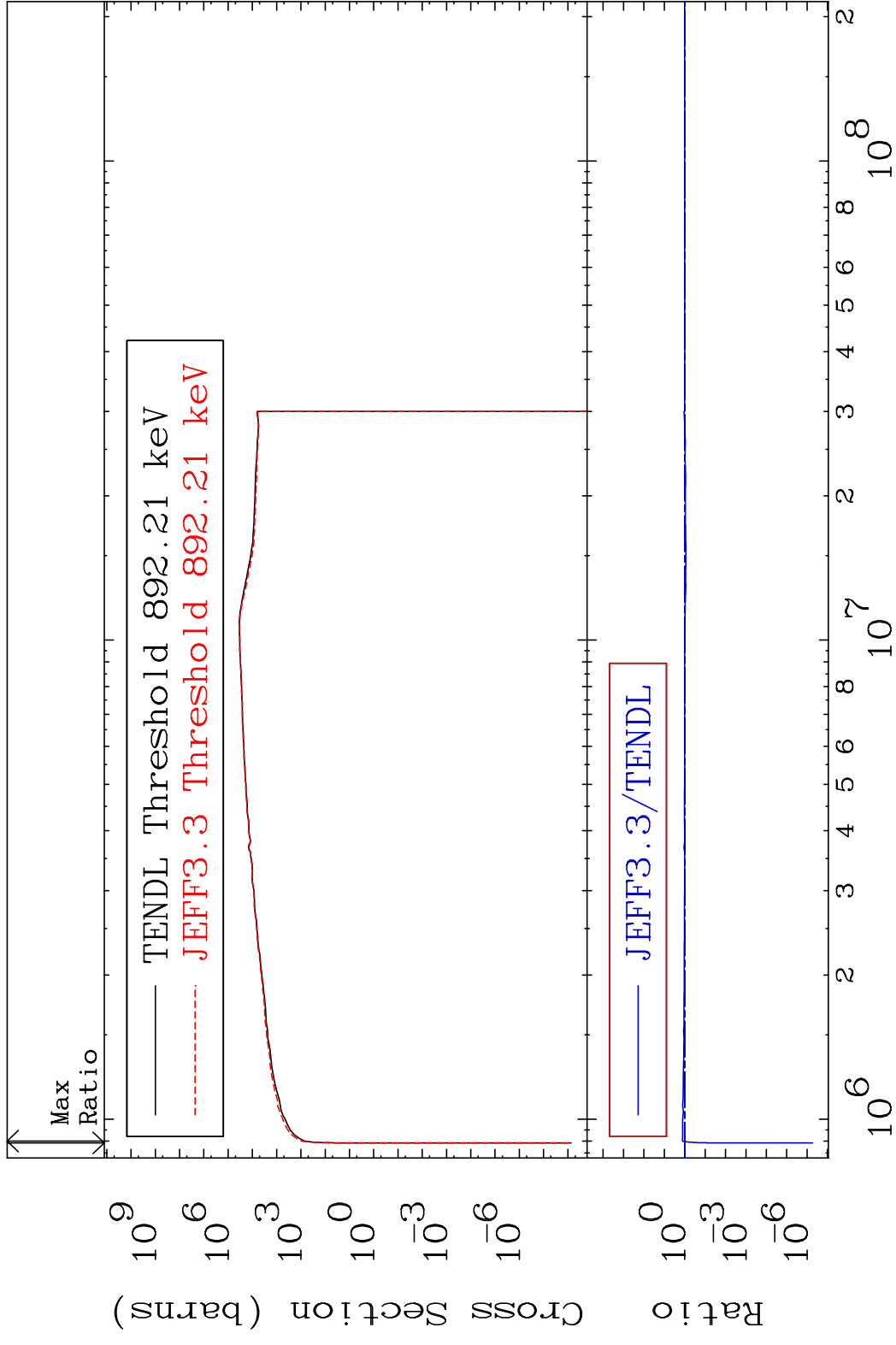
Kerma elastic Cross Section -100.0 To 9999. %
36-Kr-84



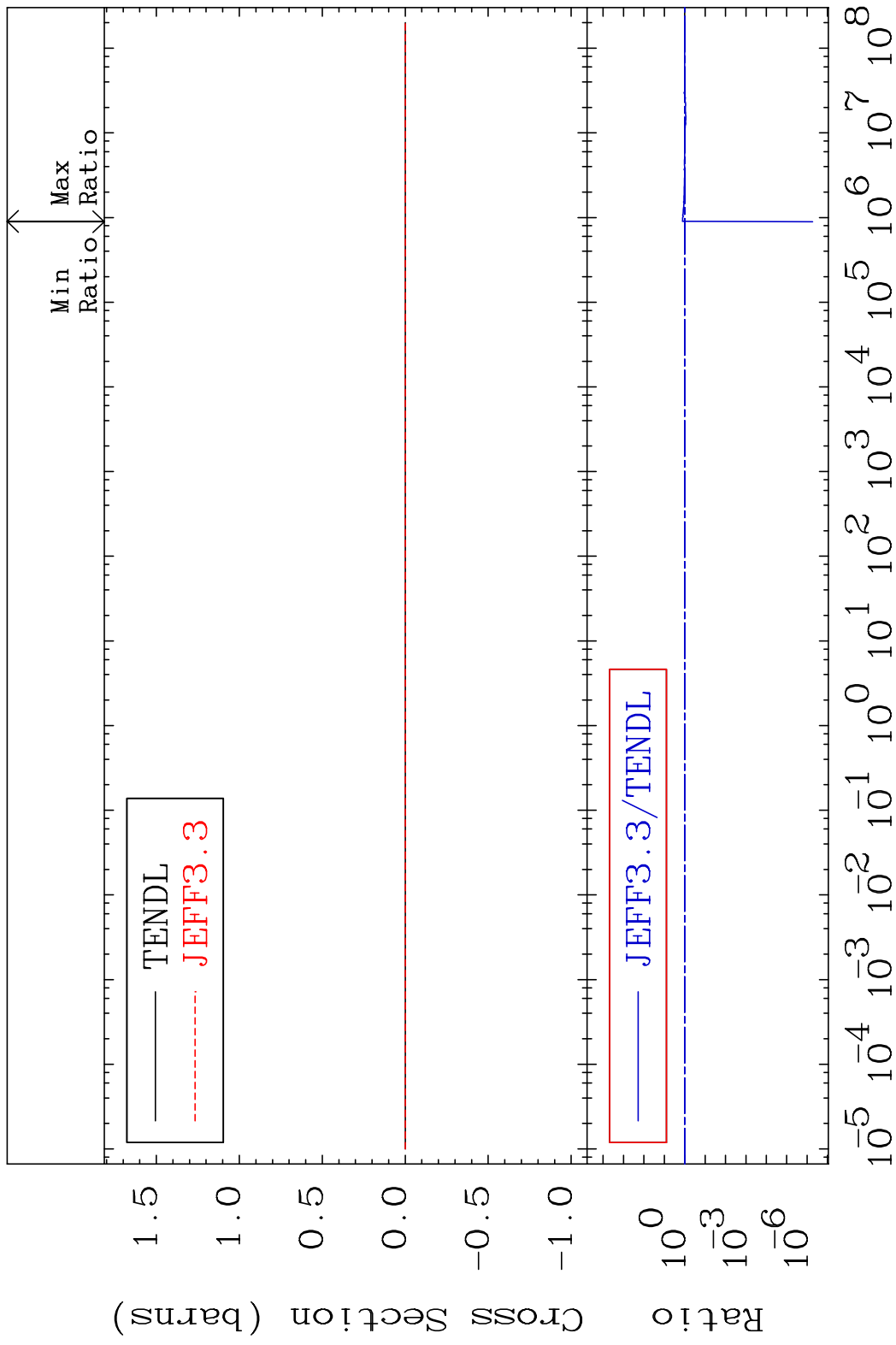
MAT 3643 Kerma non-elastic (all but mt2) 36-Kr-84
 Cross Section -100.0 To 9999. %



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

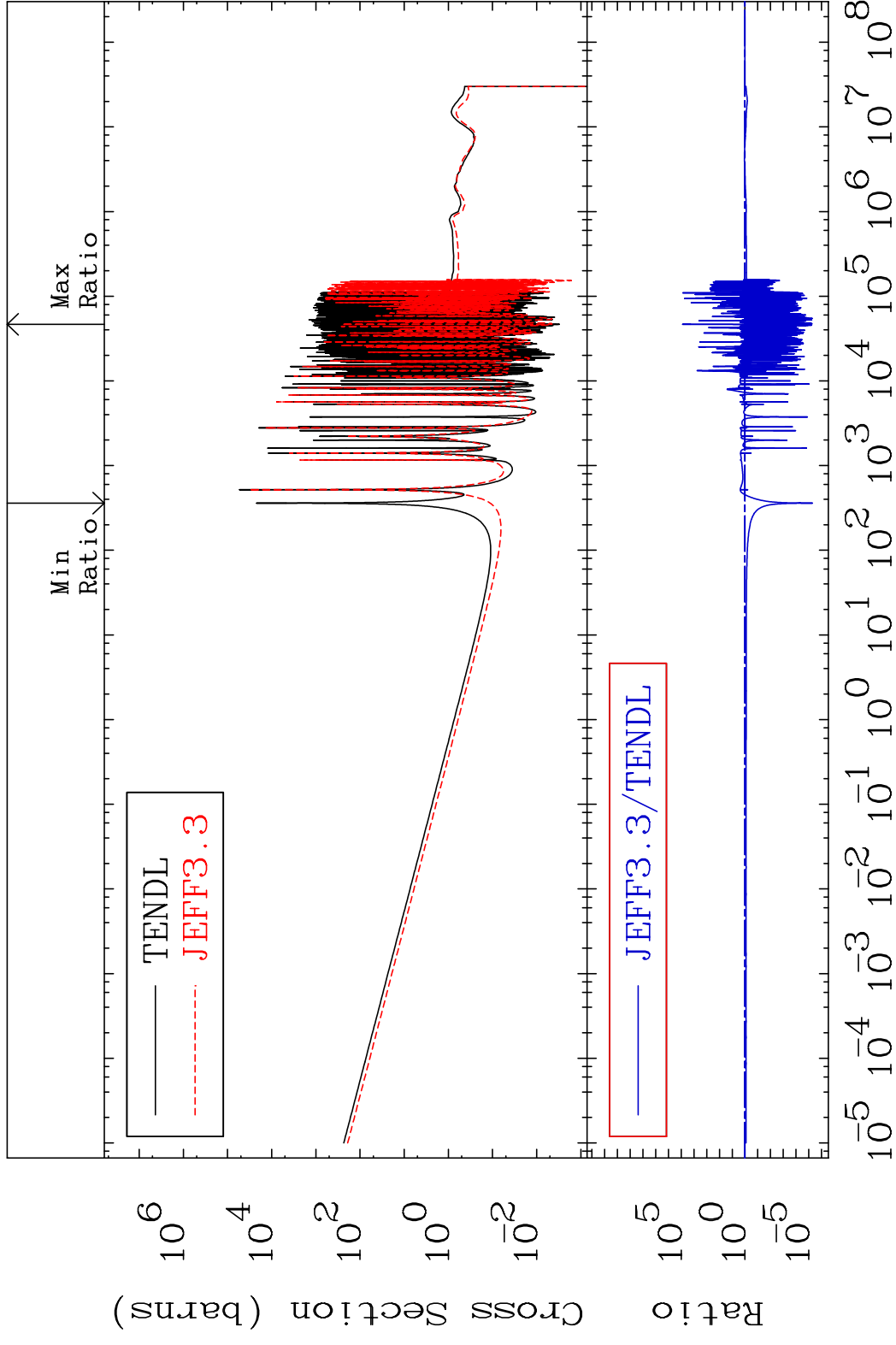


MAT 3643 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-84
 Cross Section -100.0 To 30.63 %



MAT 3643

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

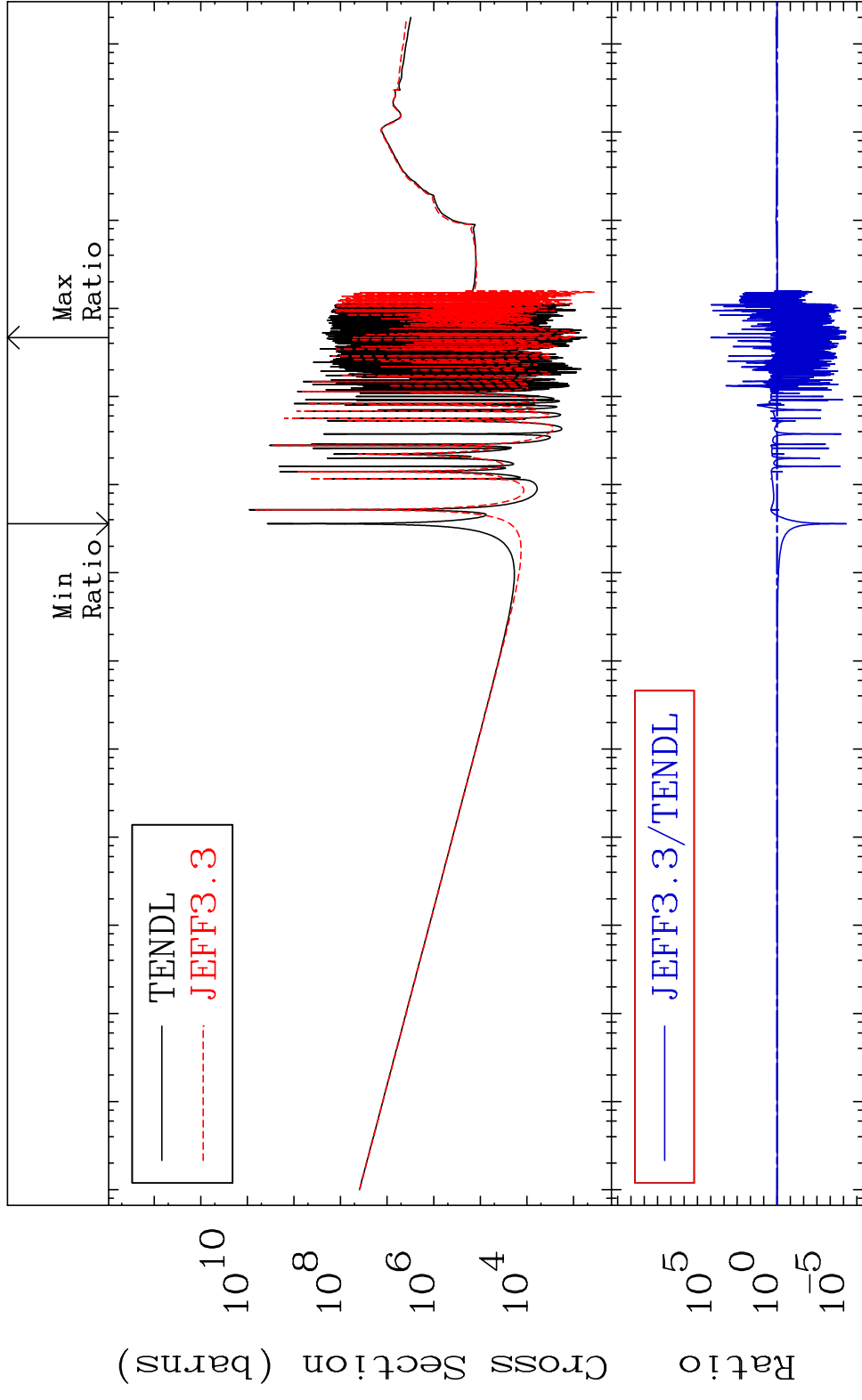


68

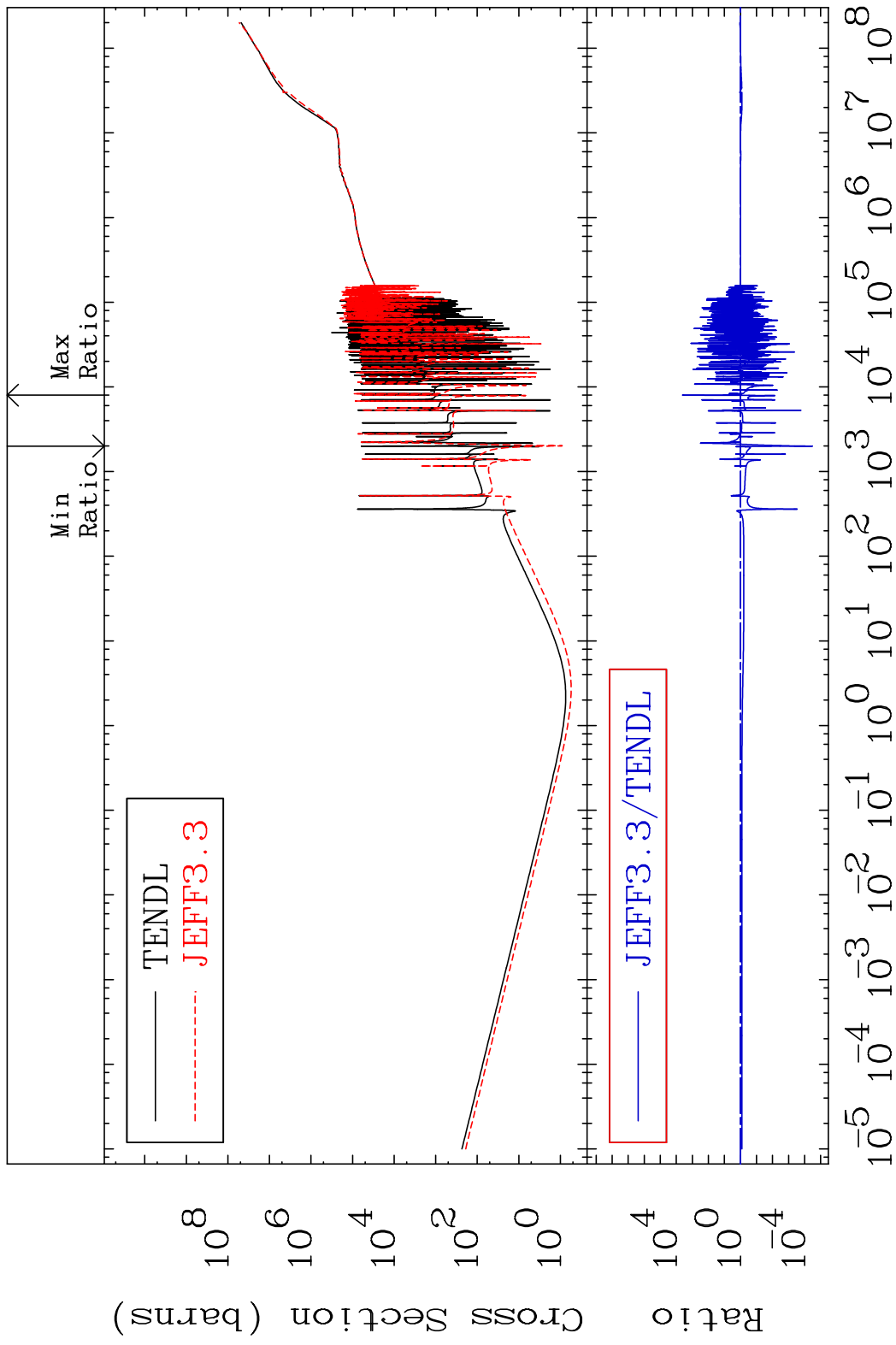
Incident Energy (eV)

36-Kr-84

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

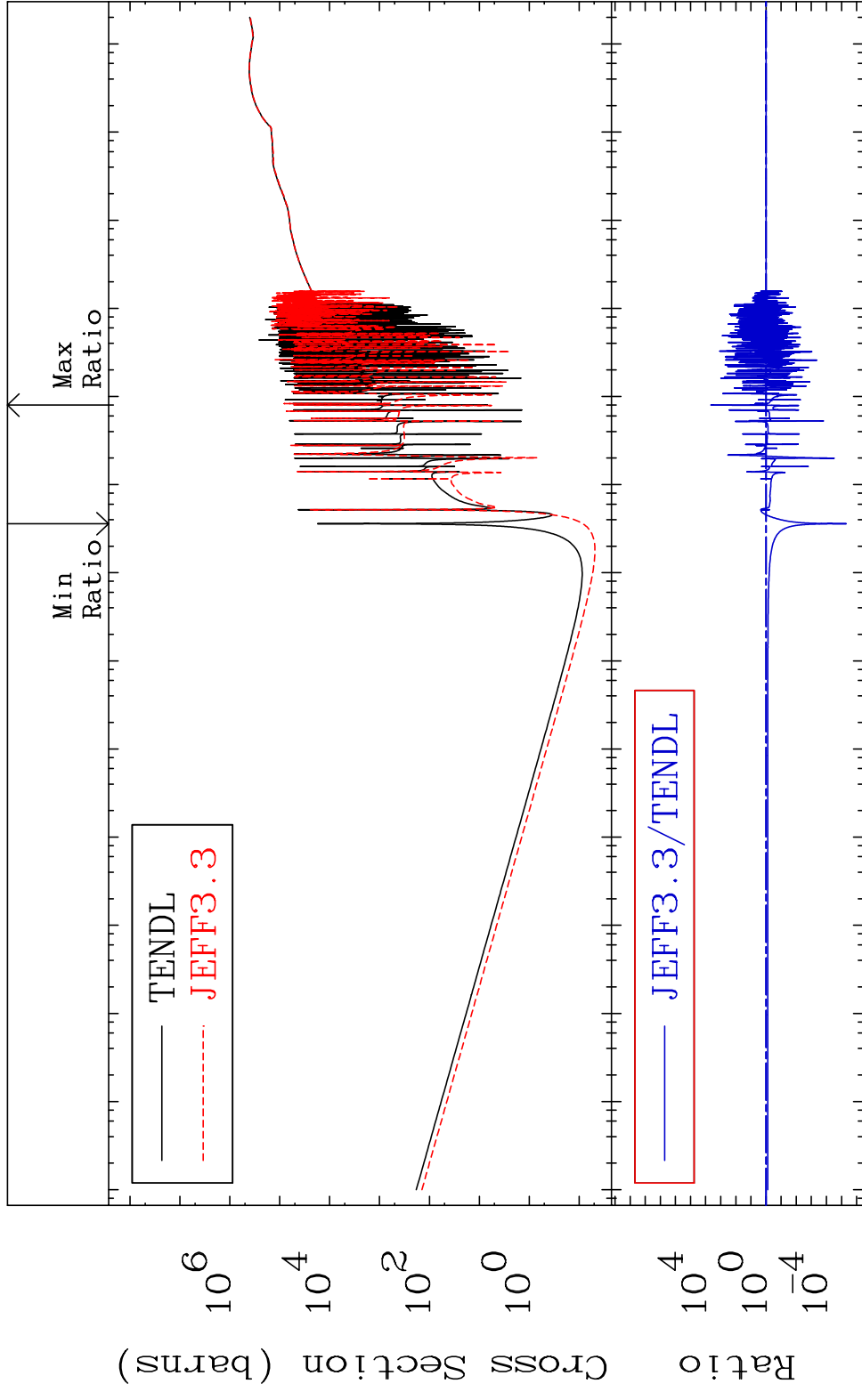


MAT 3643 Total kinematic kerma (high limit) 36-Kr-84
 Cross Section -100.0 To 9999. %



70 Incident Energy (eV) 36-Kr-84

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



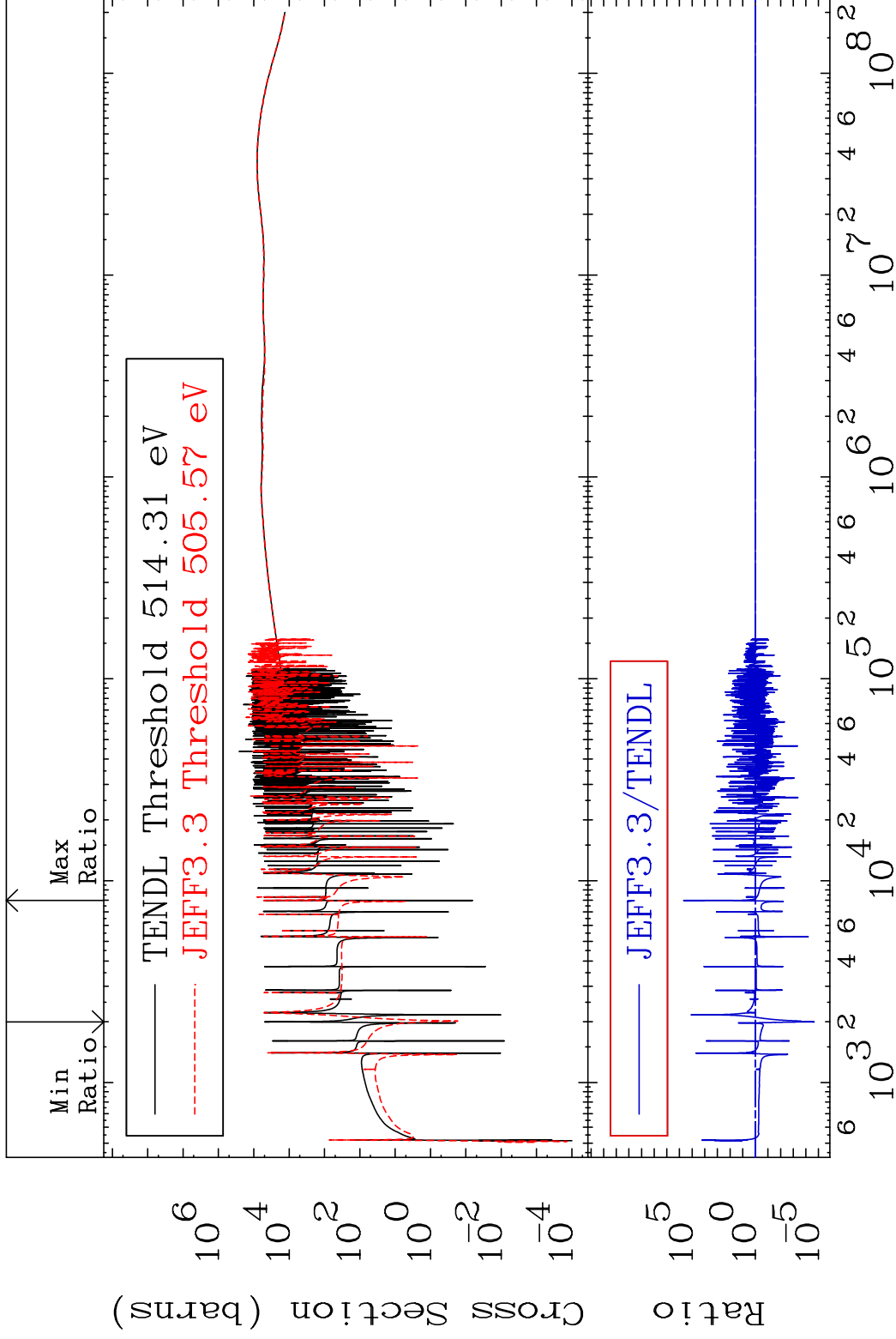
71 Incident Energy (eV) 36-Kr-84

MAT 3643

Dpa elastic (mt2)

36-Kr-84

Cross Section -100.0 To 9999. %

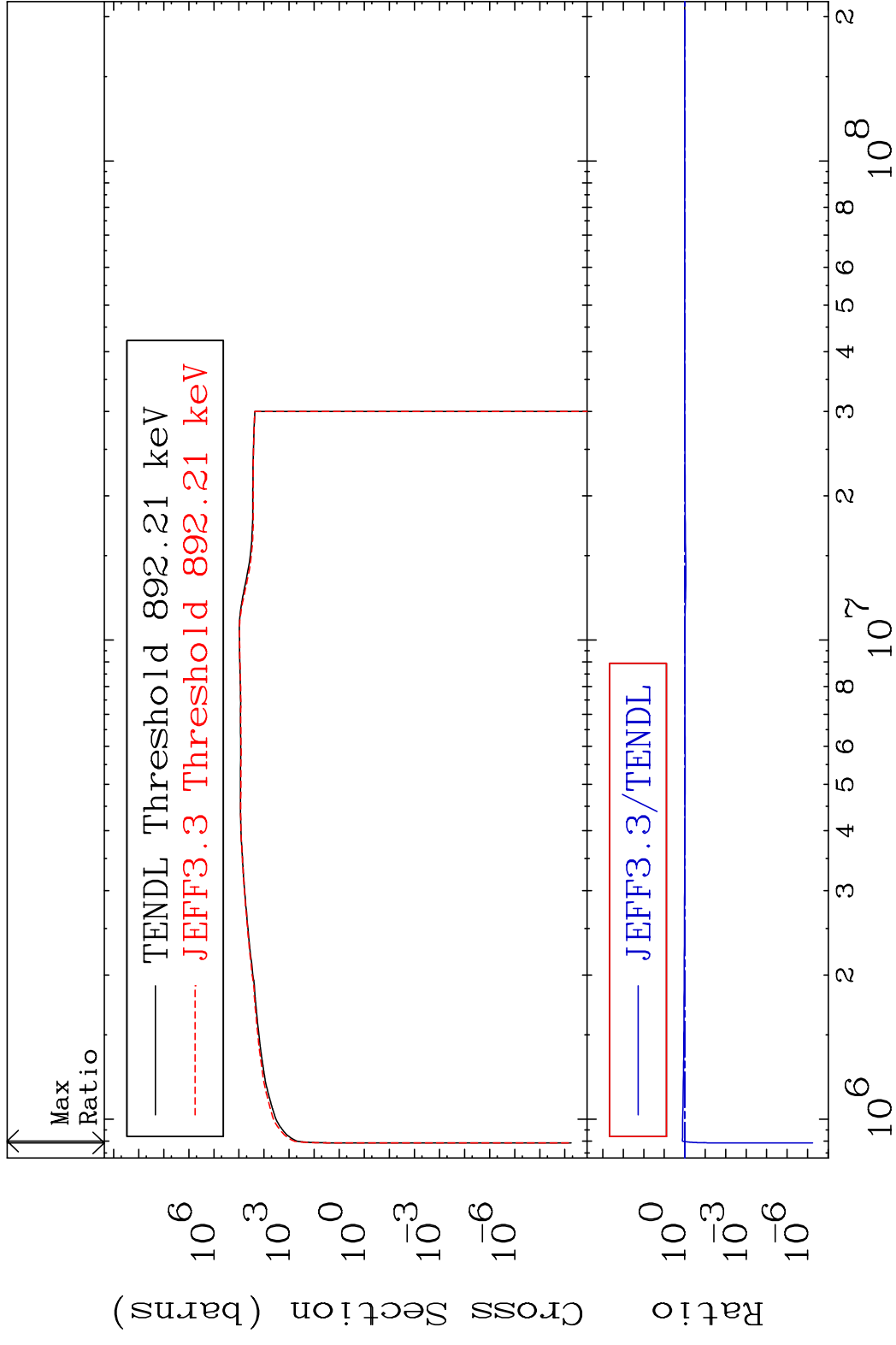


72

Incident Energy (eV)

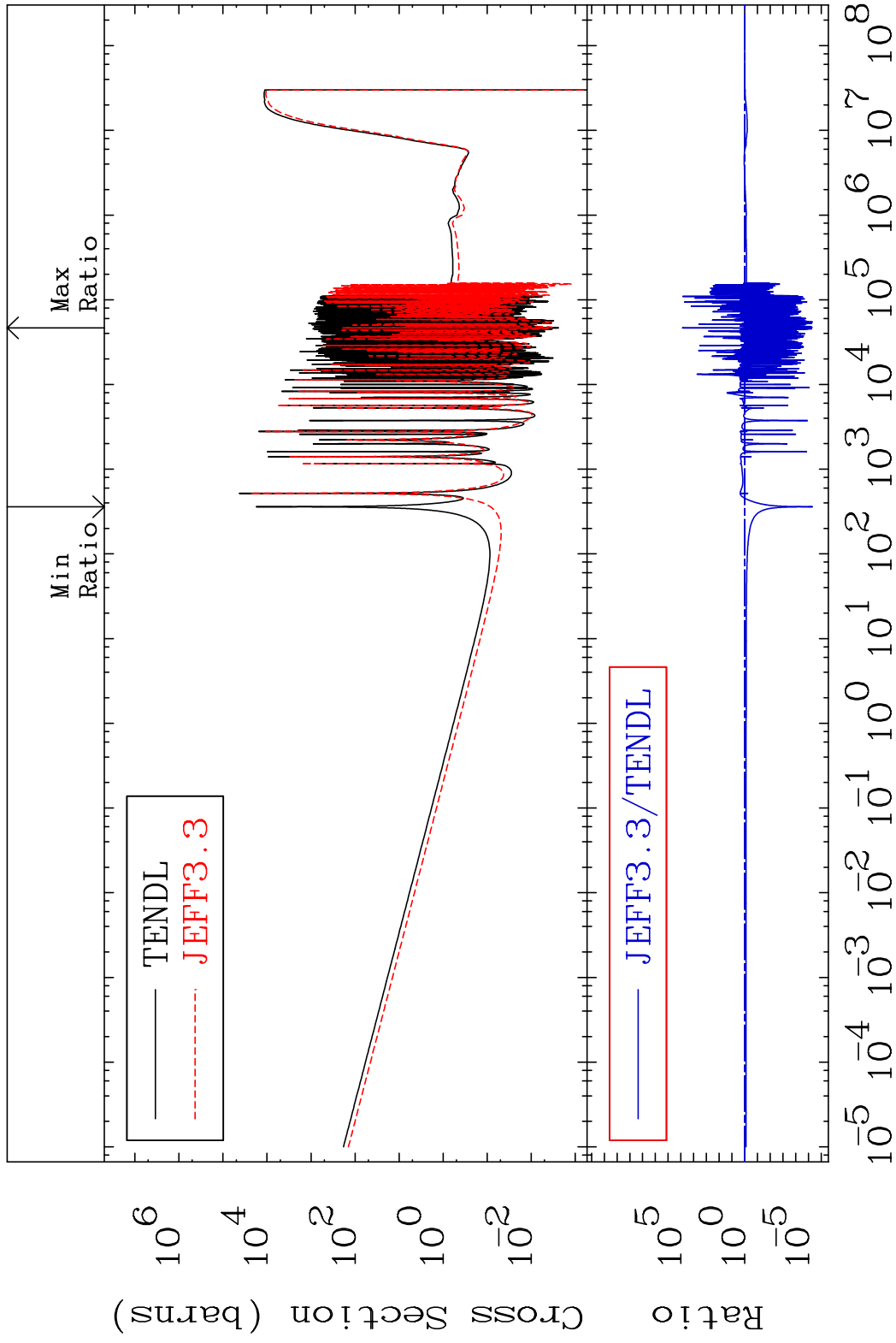
36-Kr-84

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

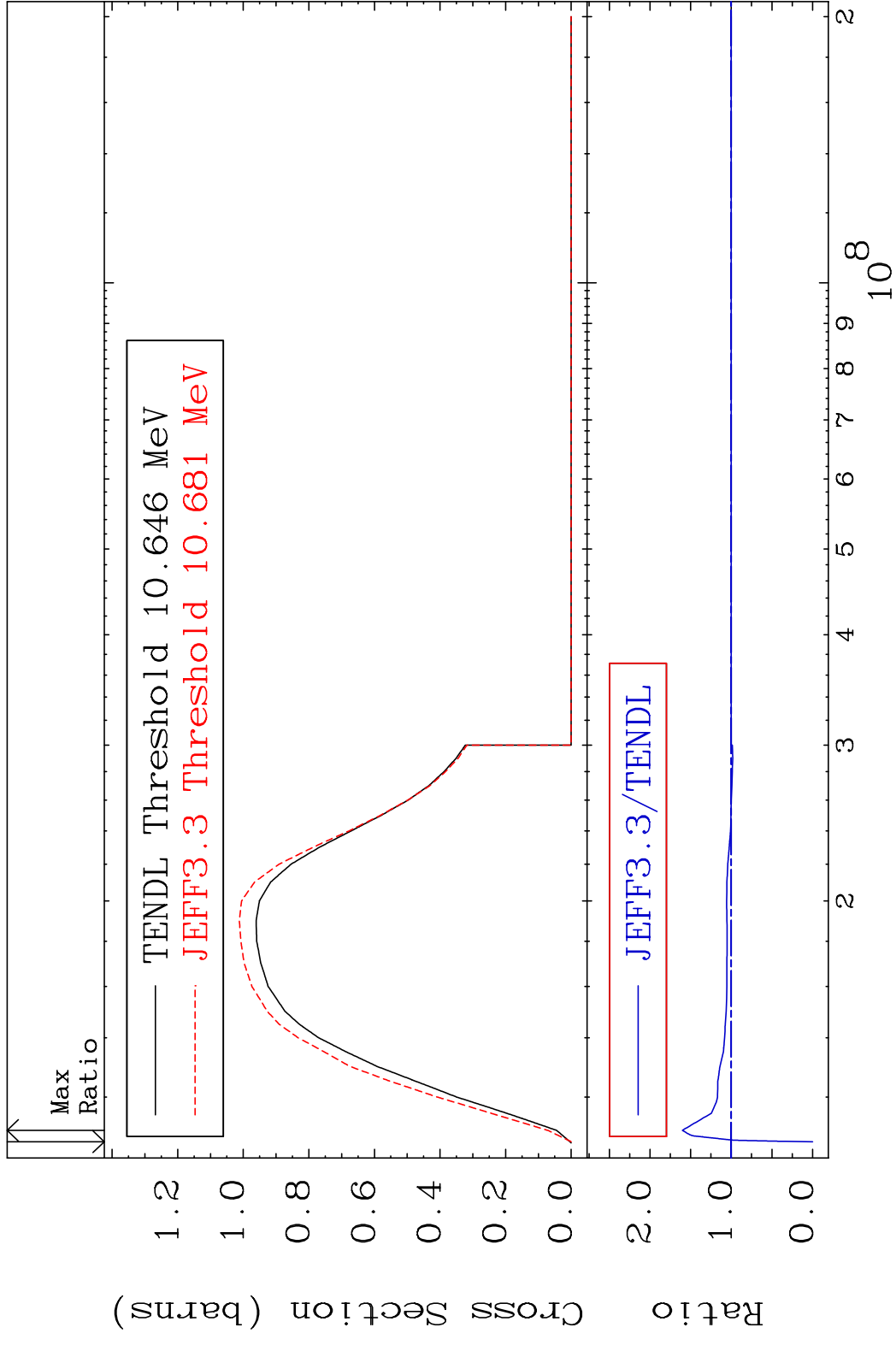


73 Incident Energy (eV) 36-Kr-84

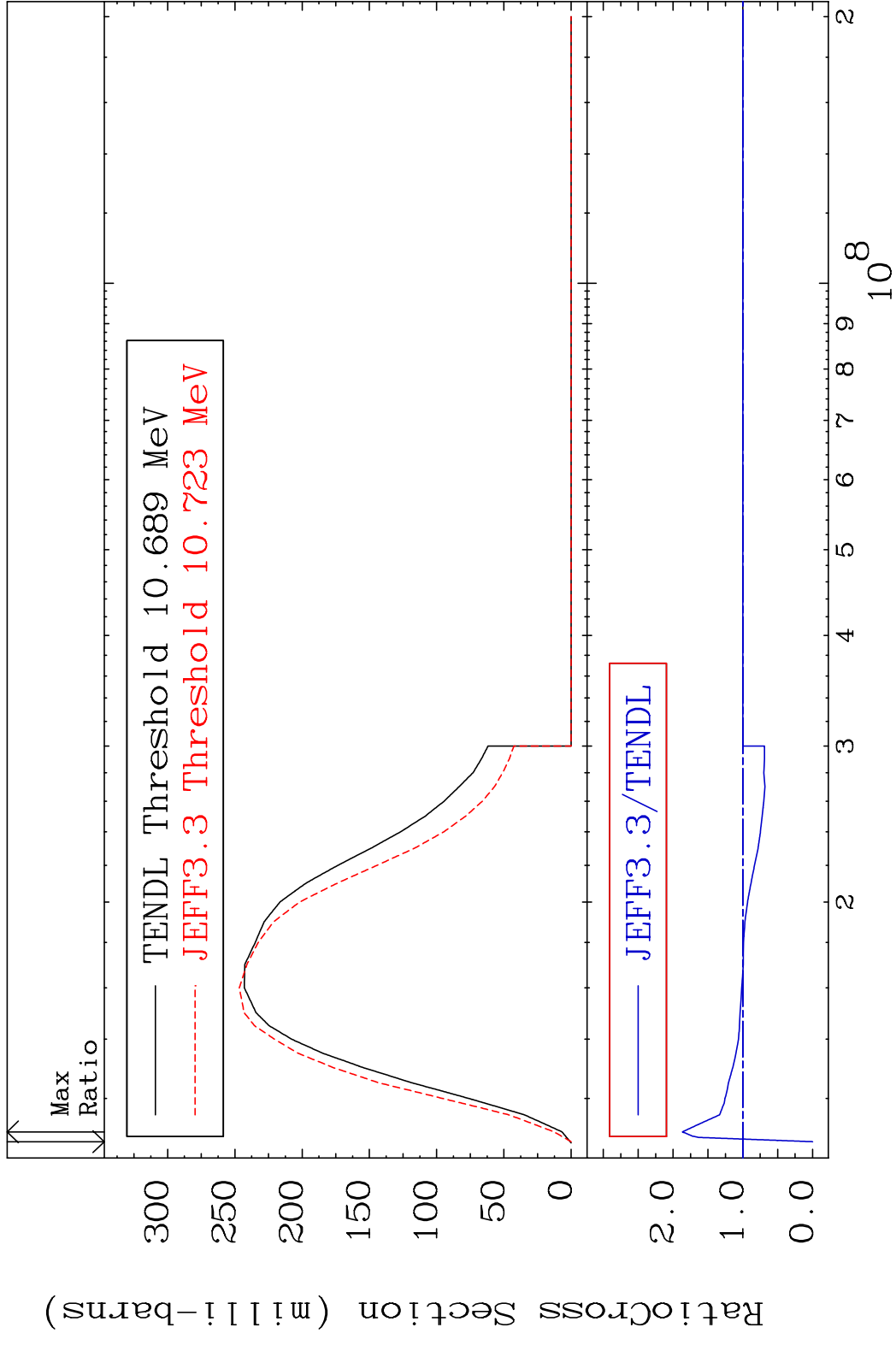
MAT 3643 Dpa disappearance (mt102 -120) 36-Kr-84
 Cross Section -100.0 To 9999. %



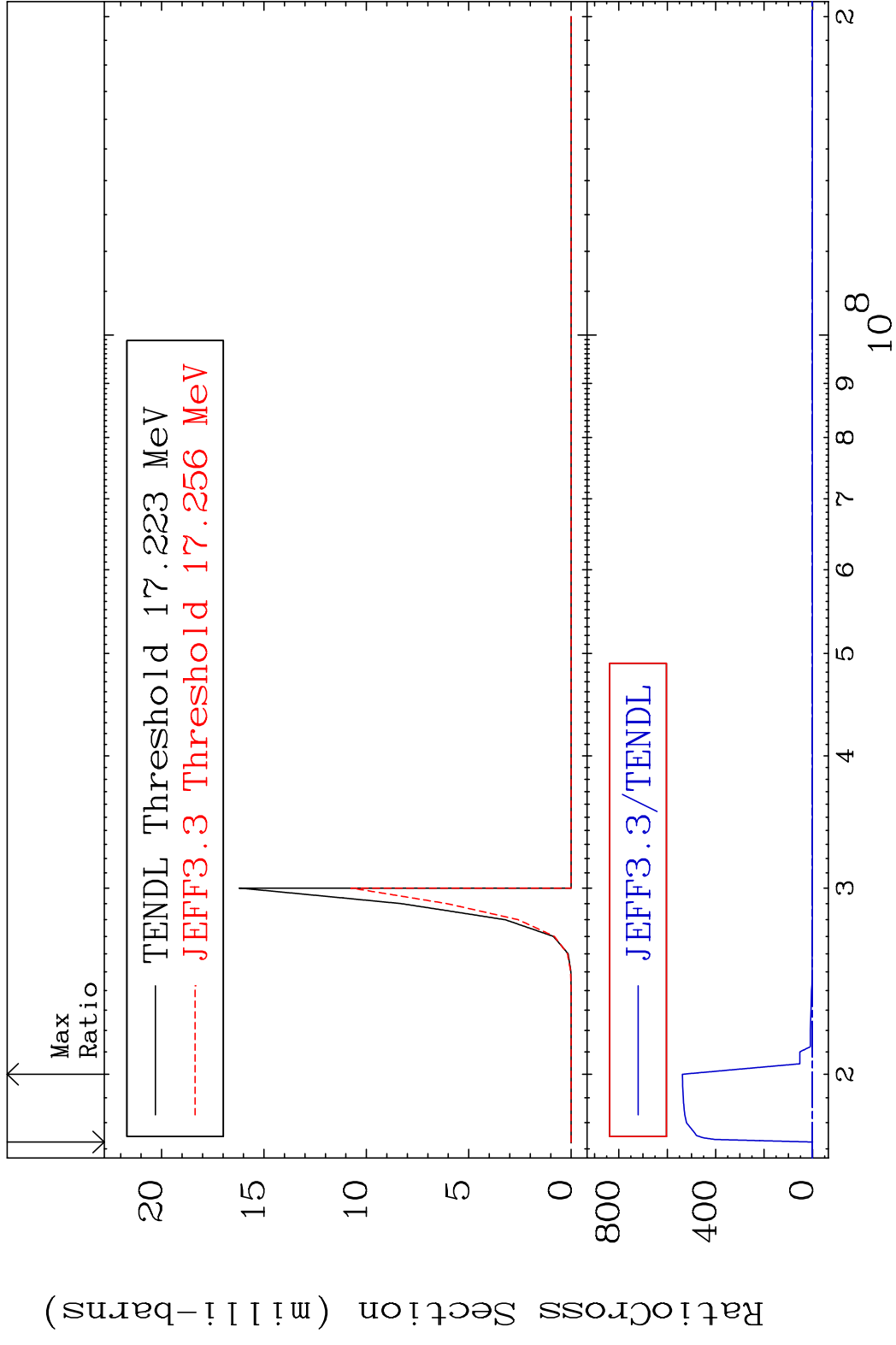
MAT 3643 (n,2n):36-Kr-83g 36-Kr-84
 Radionuclide Production Cross Section 60.18 %

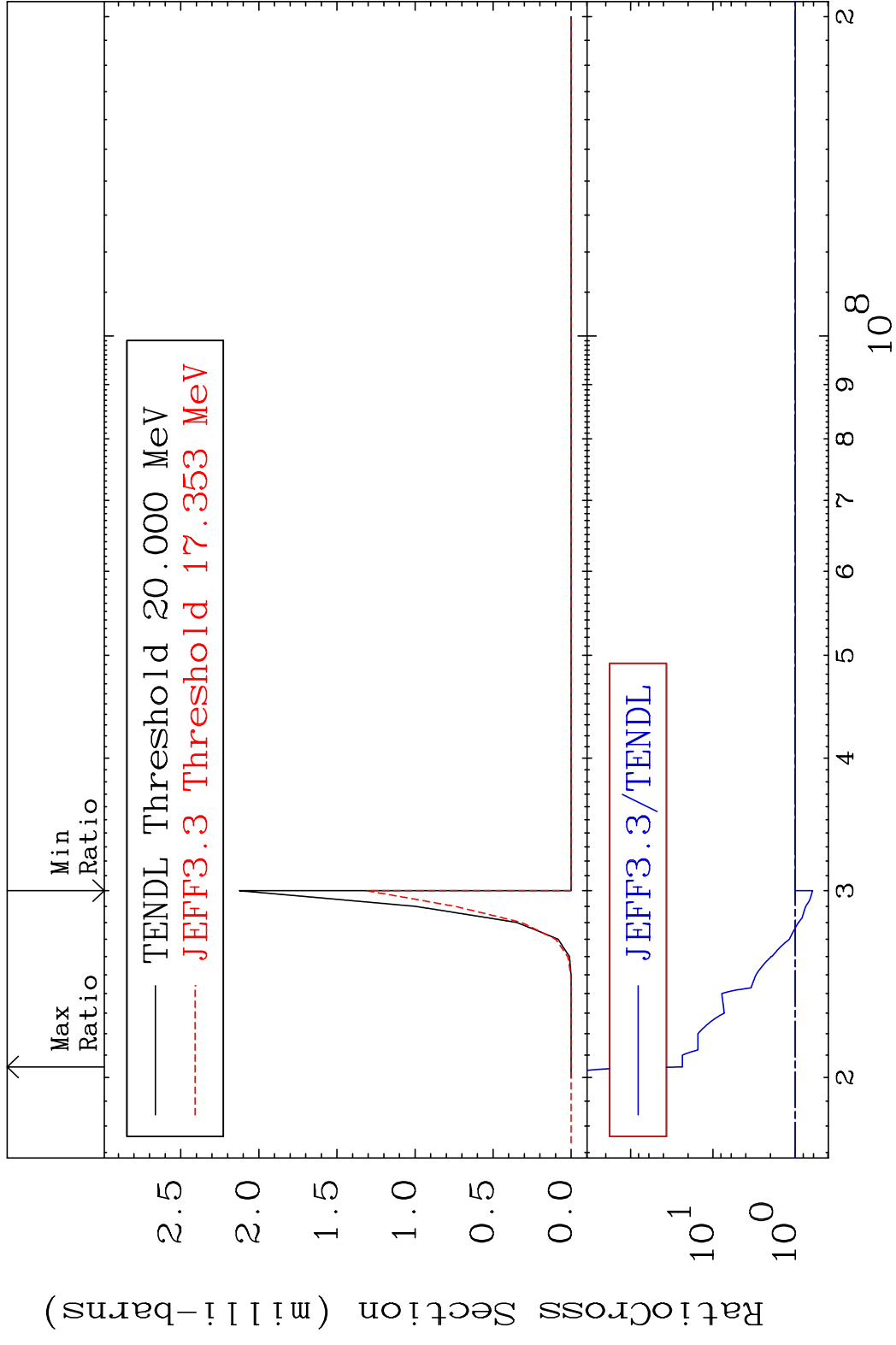


MAT 3643 (n,2n):36-Kr-83m2 36-Kr-84
 Radionuclide Production Cross Section 180.01 dth 86.71 %

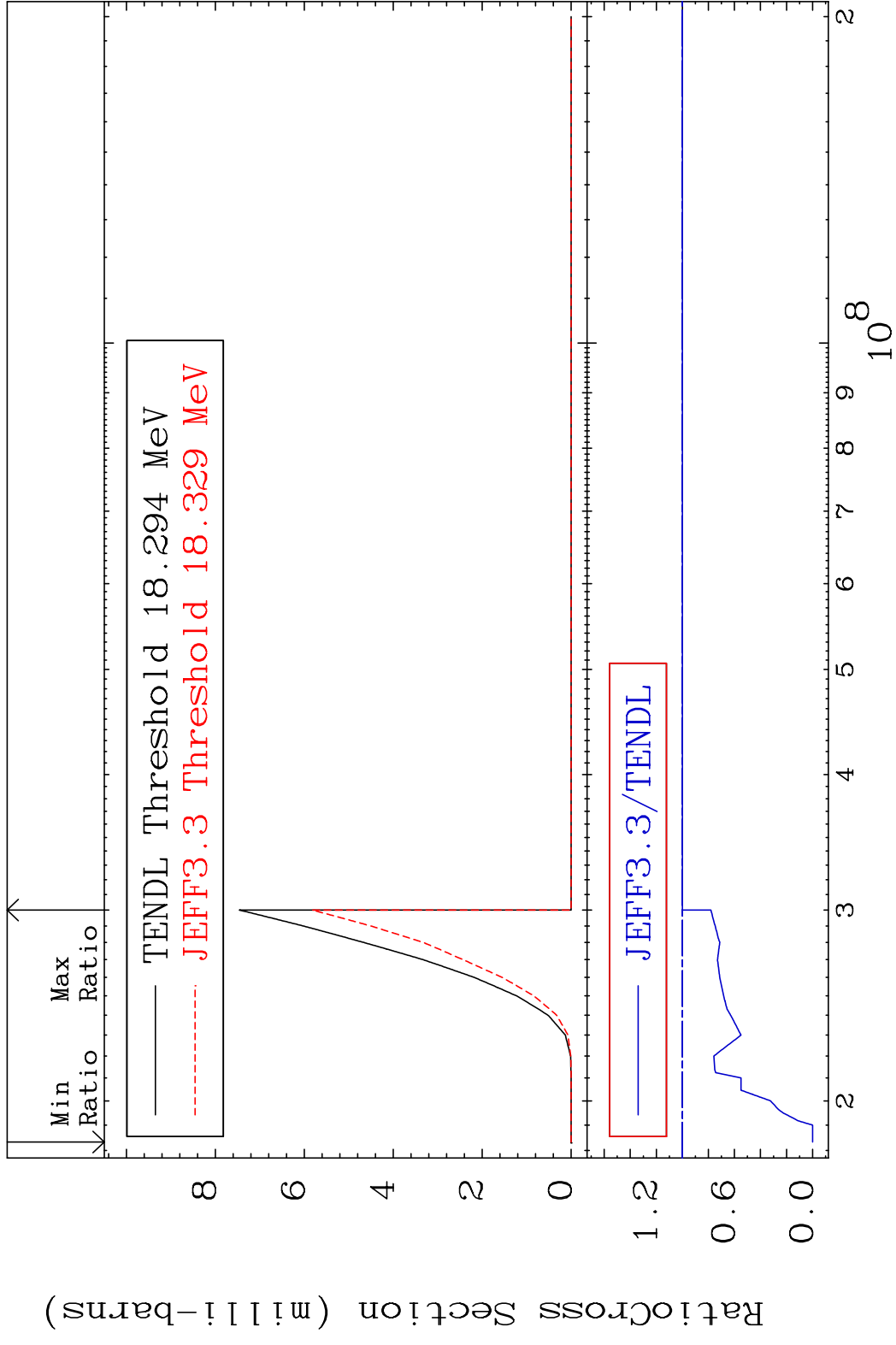


MAT 3643 (n,2n) α :34-Se-79g 36-Kr-84
 Radionuclide Production Cross Section (%)

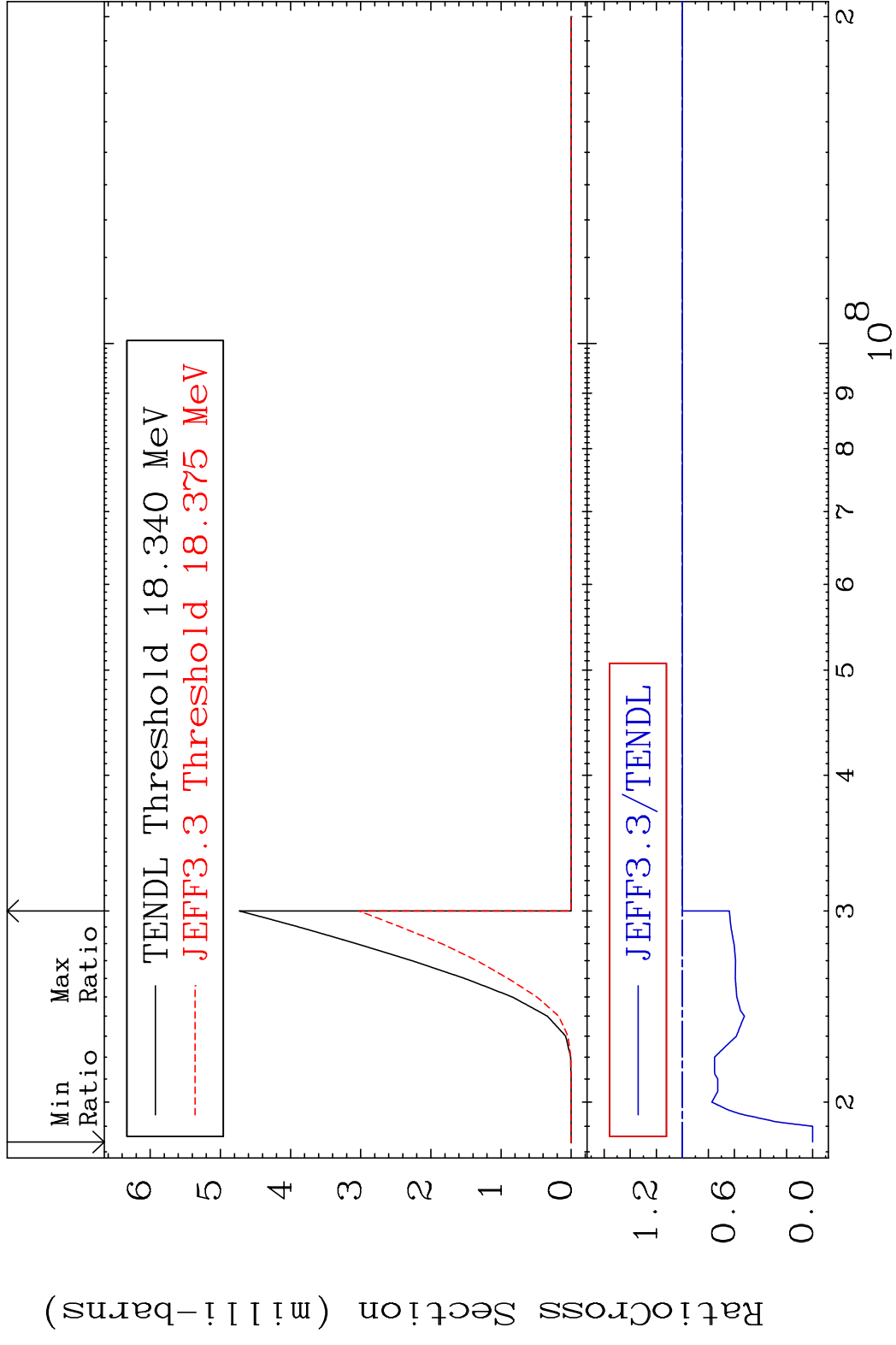


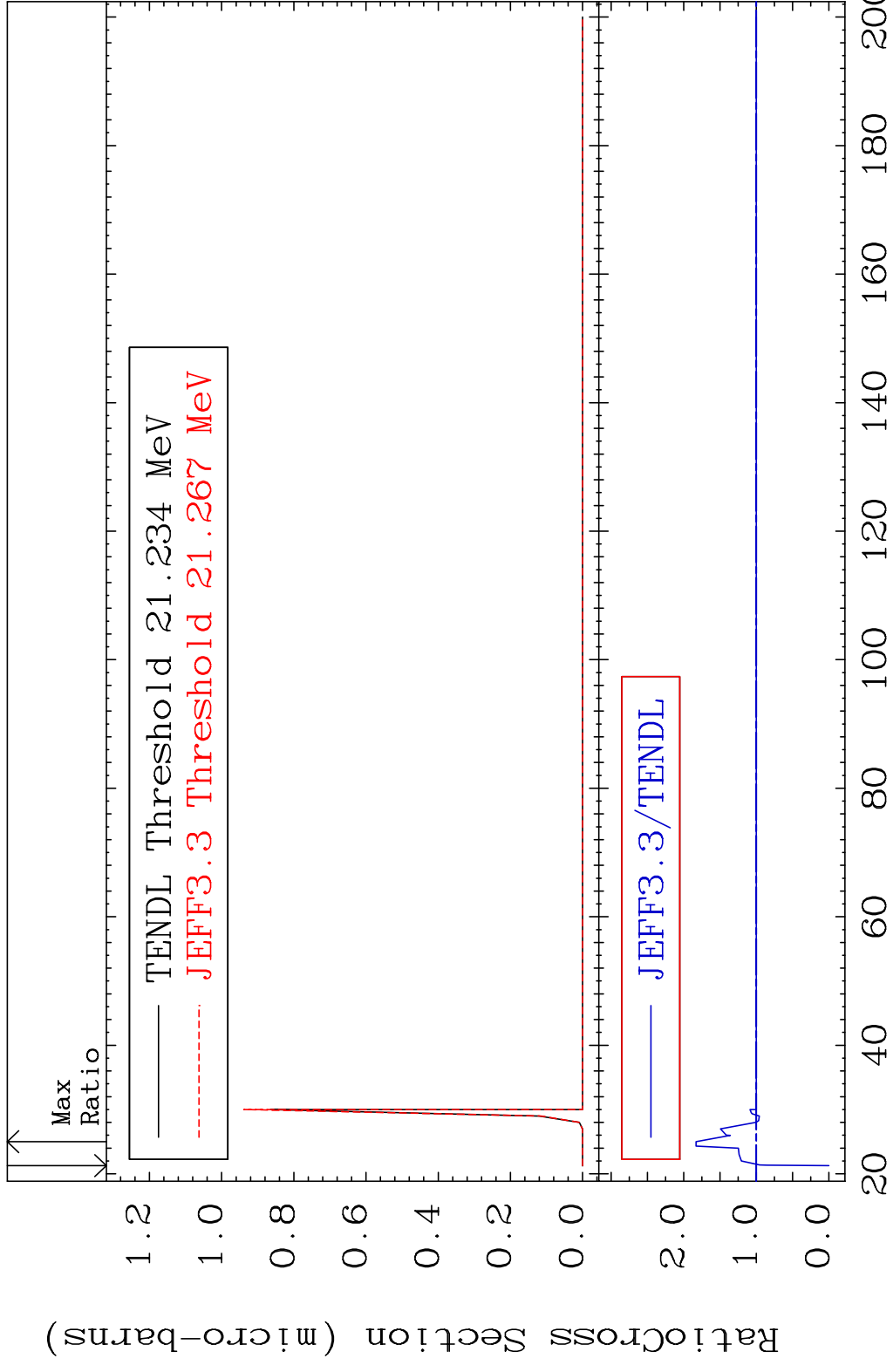


MAT 3643 (n, n') d:35-Br-82g 36-Kr-84
 Radionuclide Production Cross Section 18.329 MeV 0.000 %

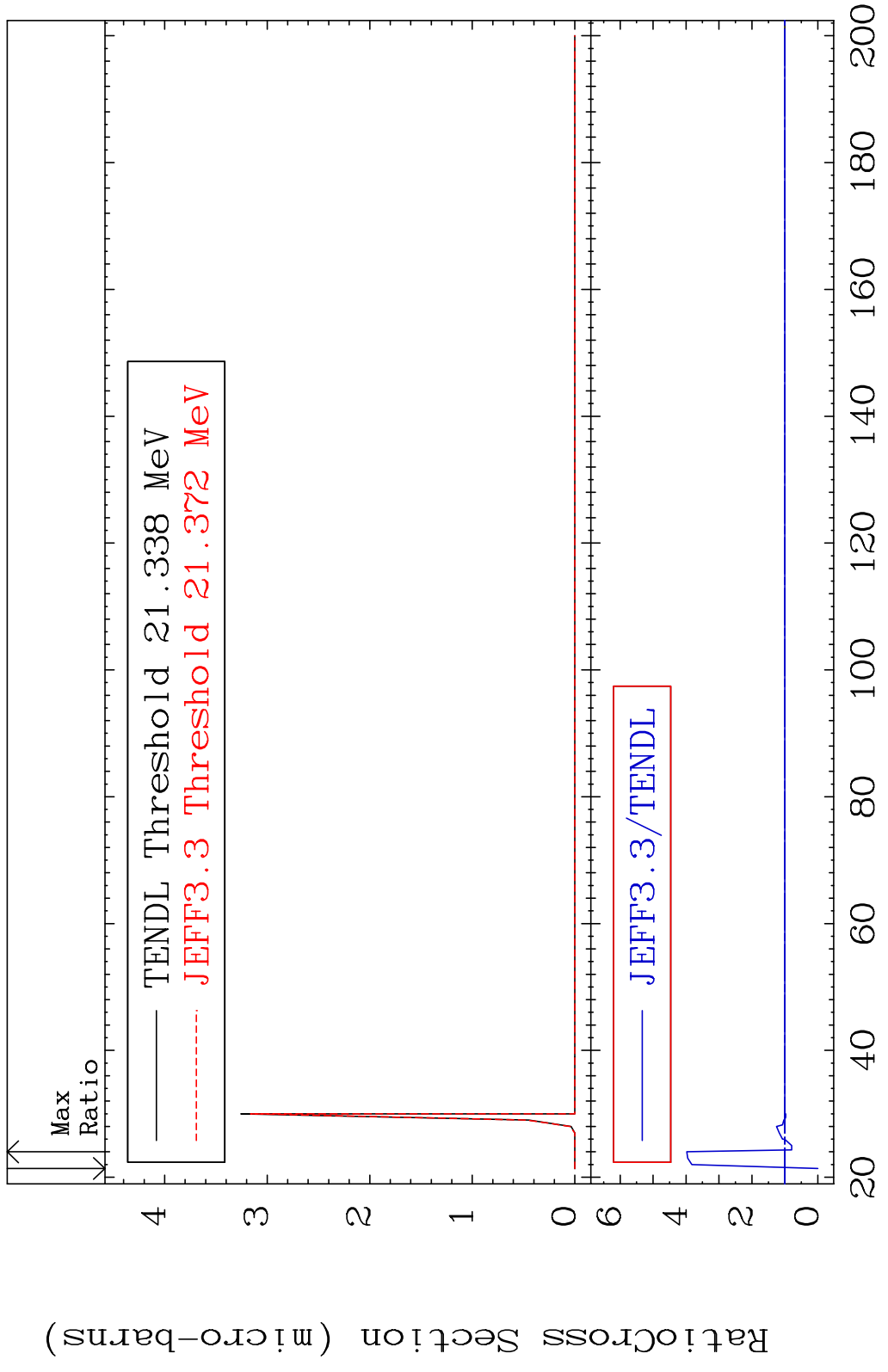


MAT 3643 (n, n') d:35-Br-82m1 36-Kr-84
 Radionuclide Production Cross Section Ratio 0.000 %

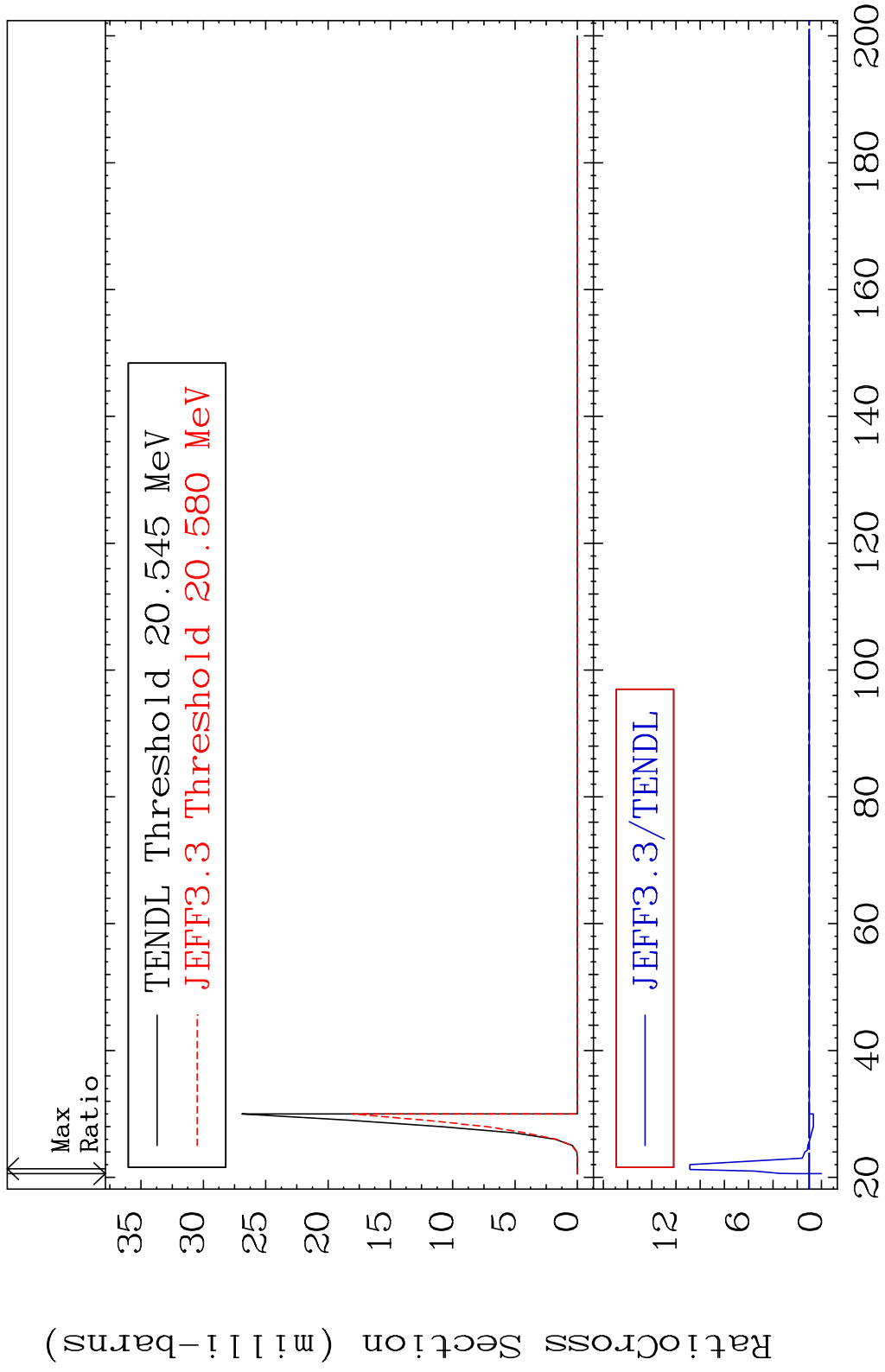




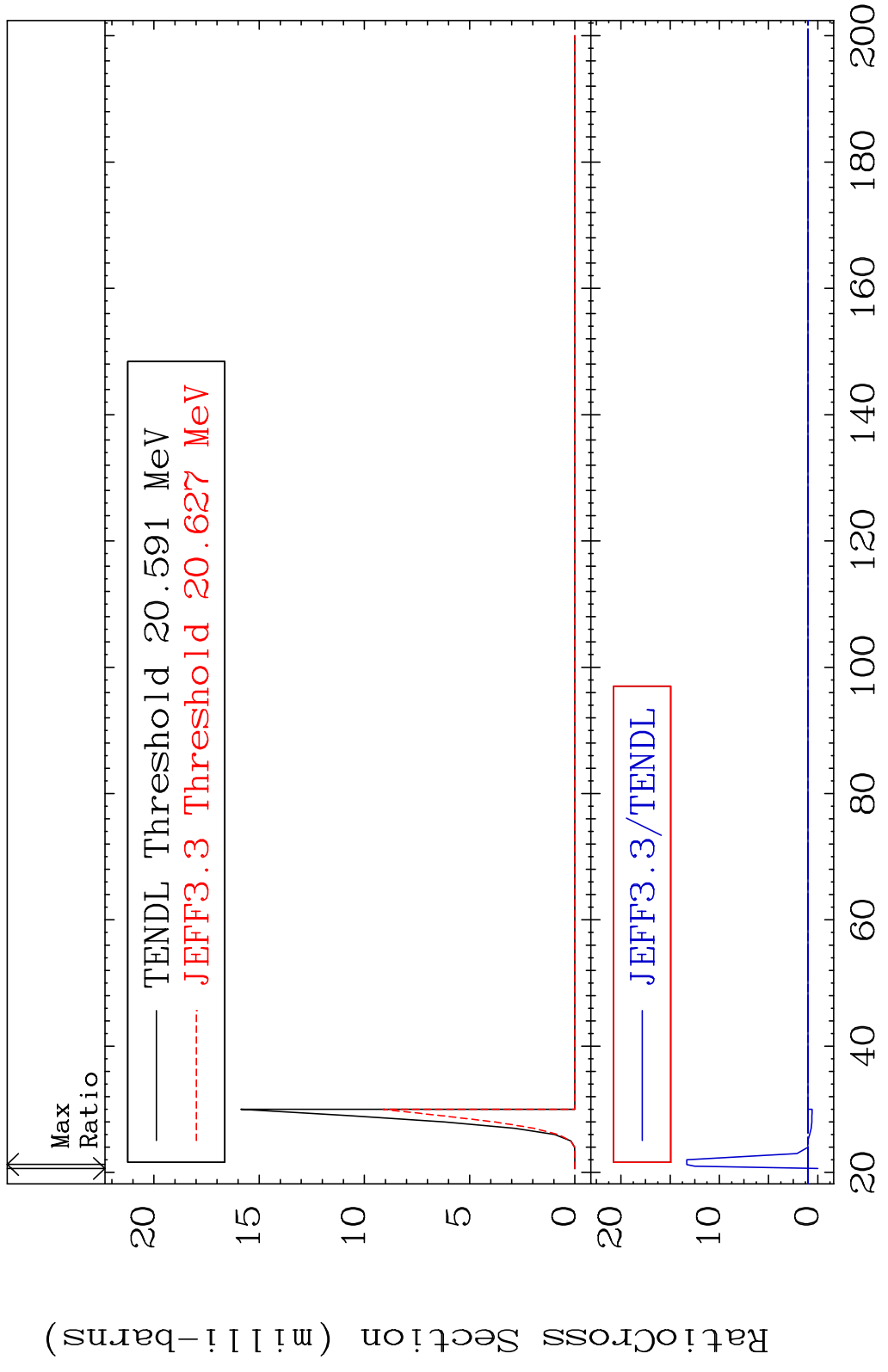
MAT 3643 (n, n') He-3:34-Se-81m1 36-Kr-84
 Radionuclide Production Cross Section Ratio 297.8 %



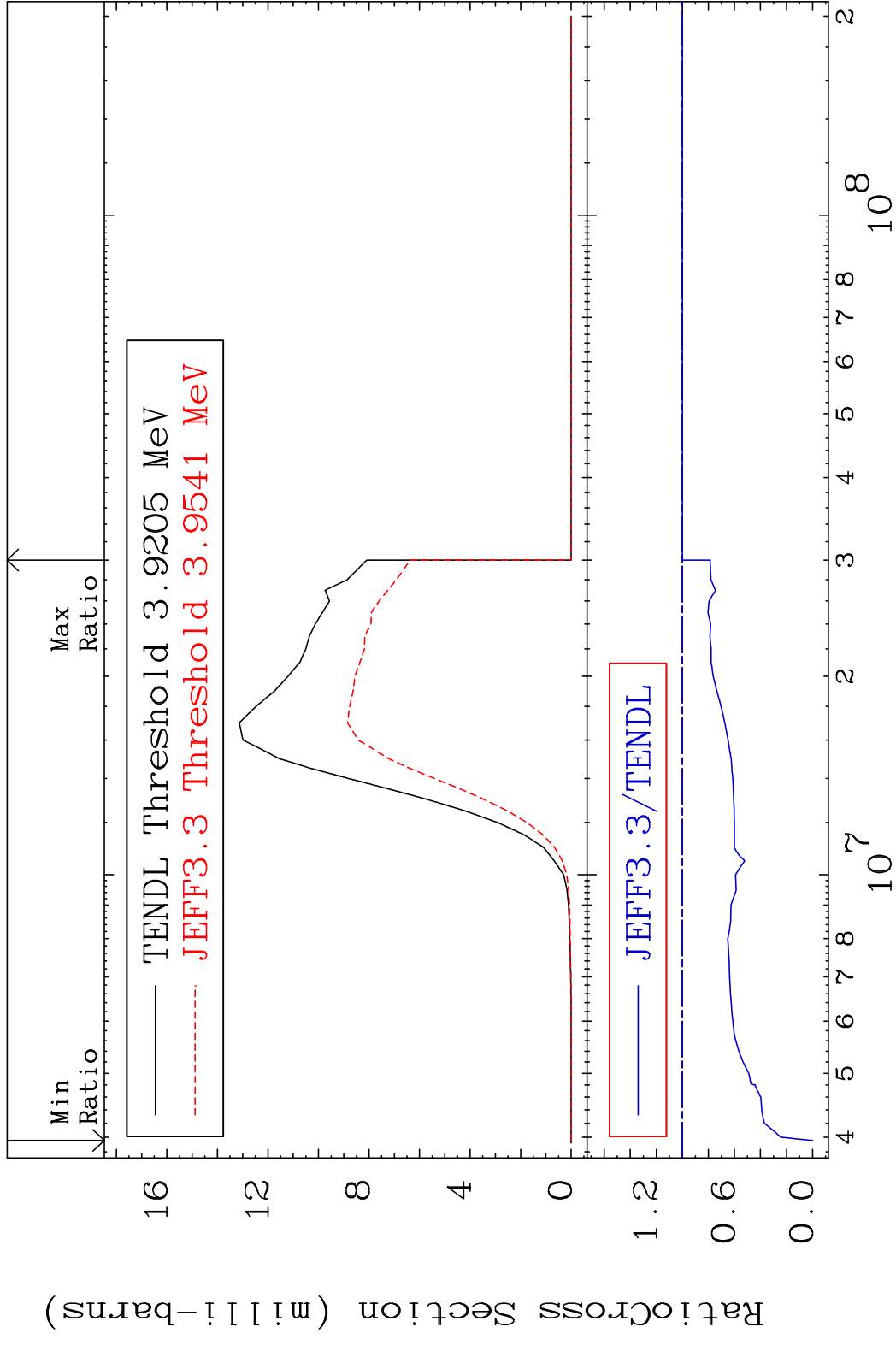
MAT 3643 (n,2n) p:35-Br-82g 36-Kr-84
 Radionuclide Production Cross Section 180c01.d10 986.3 %



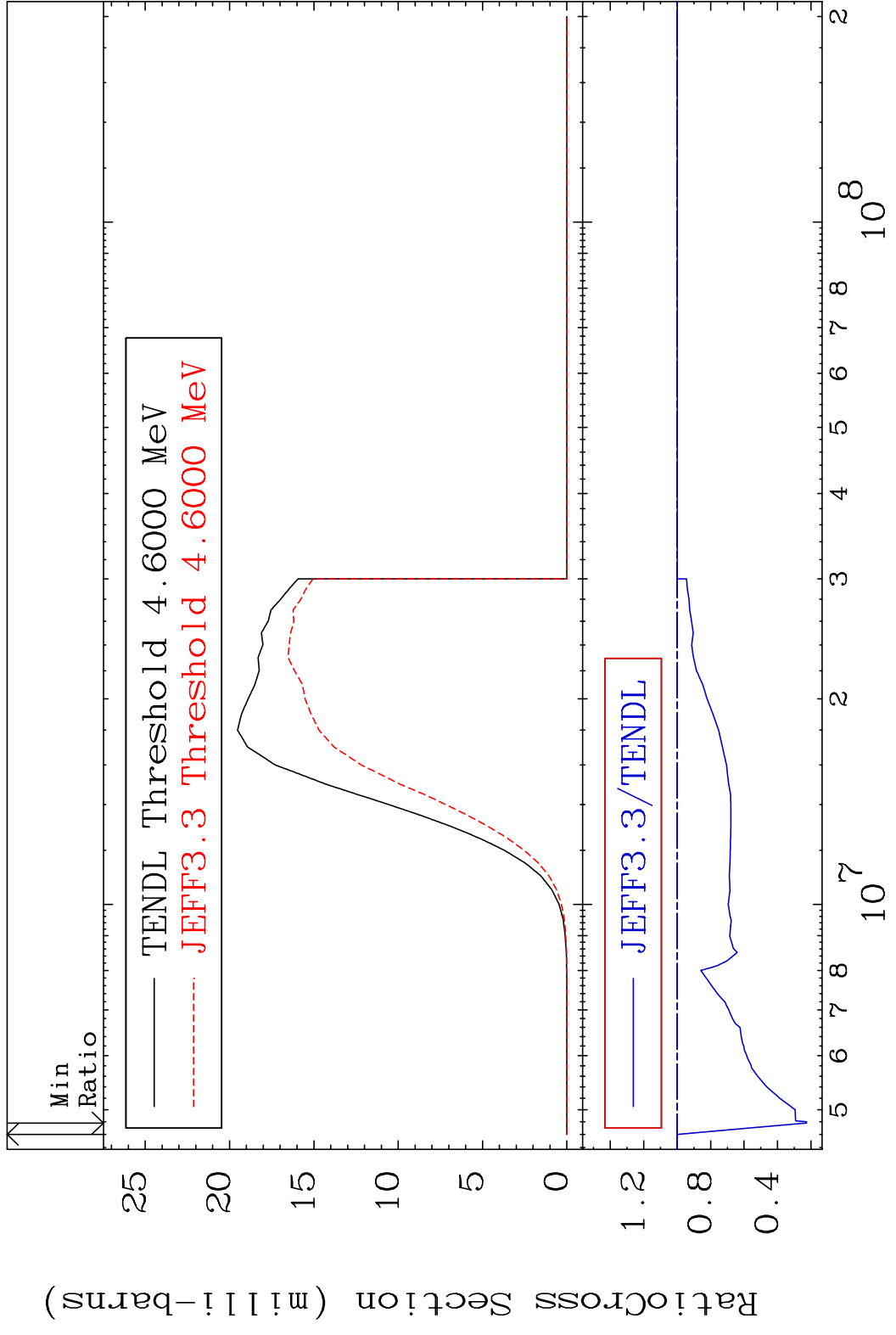
MAT 3643 (n,2n) p:35-Br-82m1 36-Kr-84
 Radionuclide Production Cross Section 1800 d to 1232. %



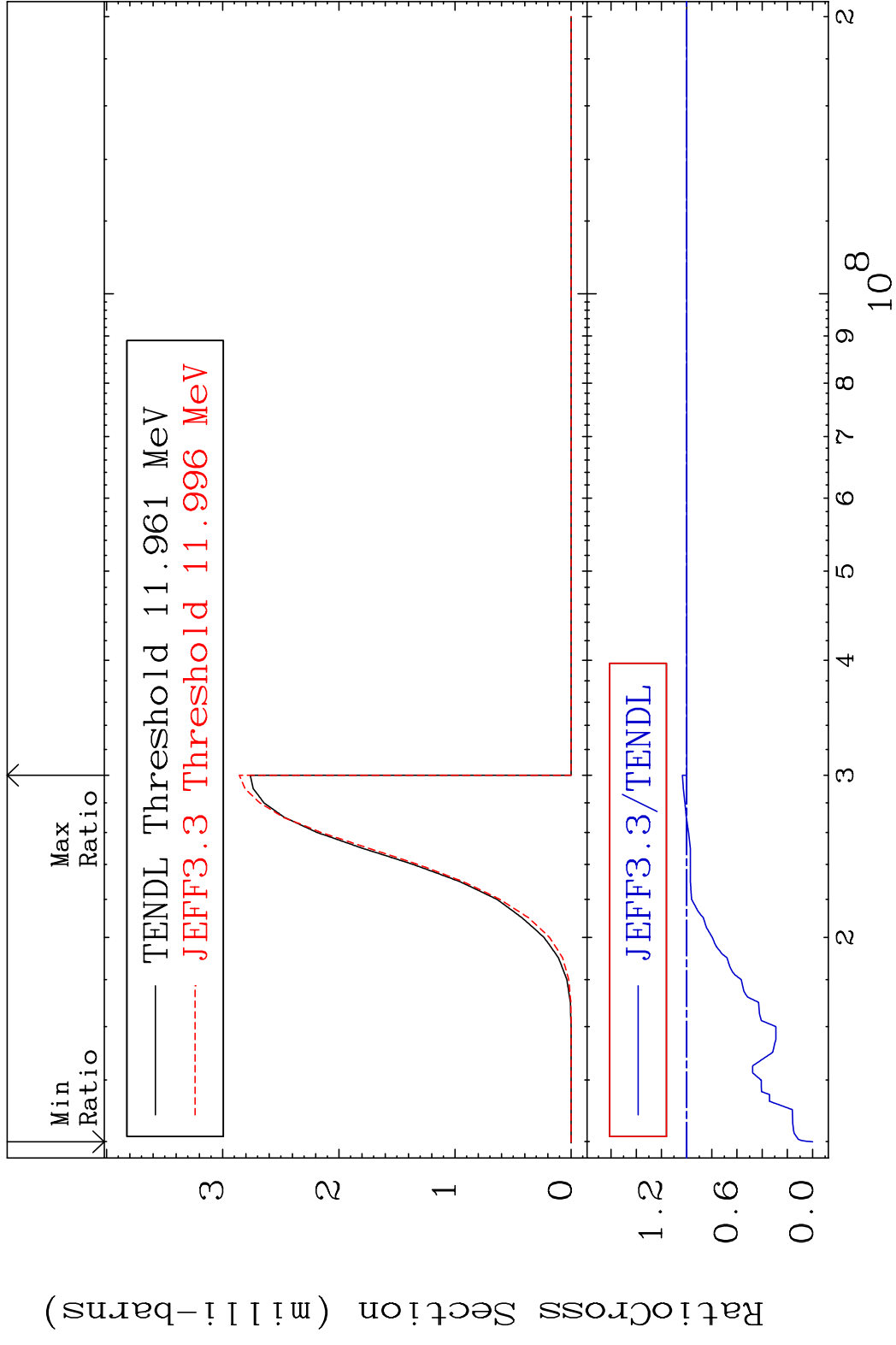
MAT 3643 (n, p): 35-Br-84g 36-Kr-84
 Radionuclide Production Cross Section 0.000 %



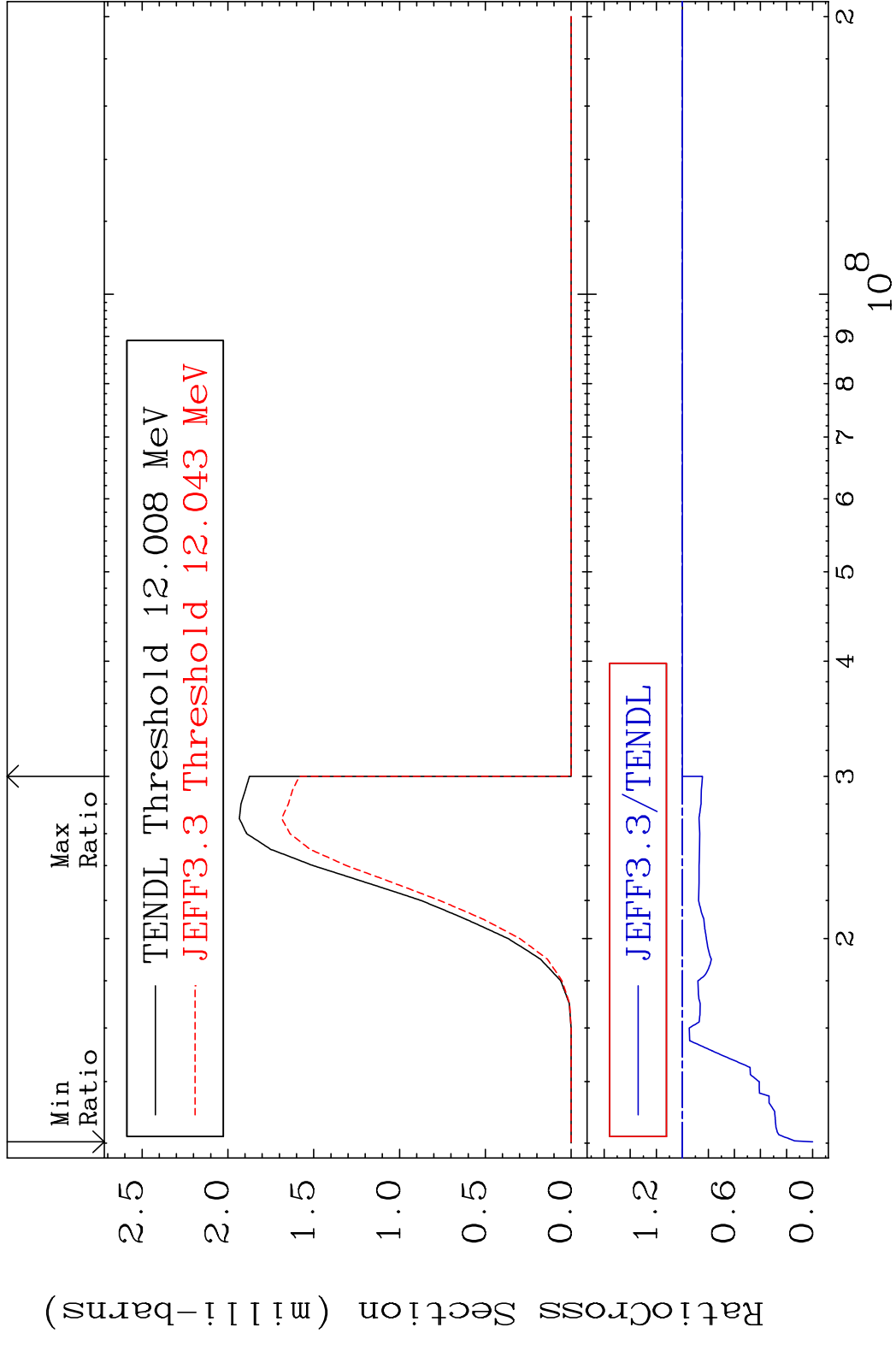
MAT 3643 (n,p):35-Br-84m1 36-Kr-84
 Radionuclide Production Cross Section 0.000 %



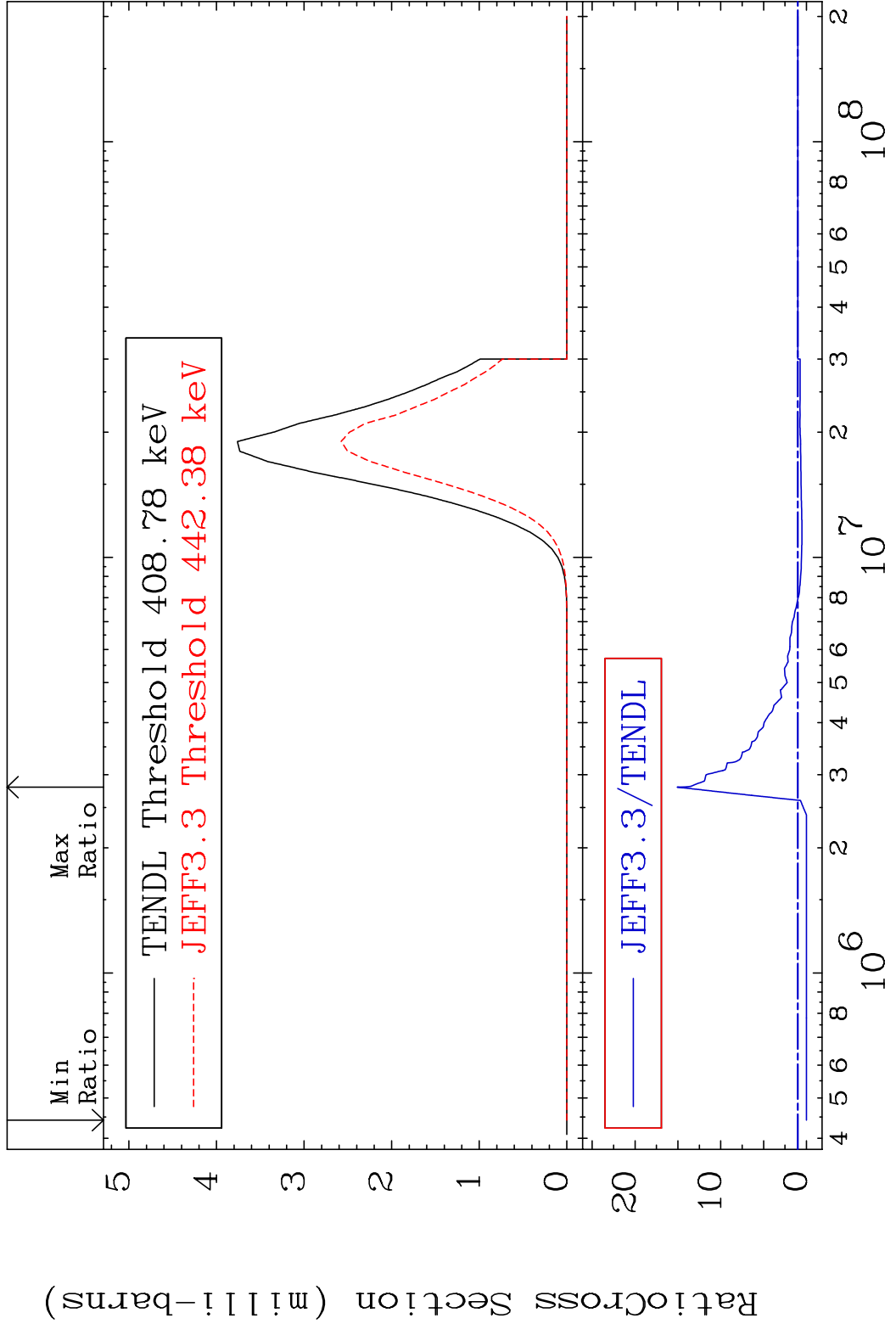
MAT 3643 (n, t): 35-Br-82g 36-Kr-84
 Radionuclide Production Cross Section Ratio 3.382 %



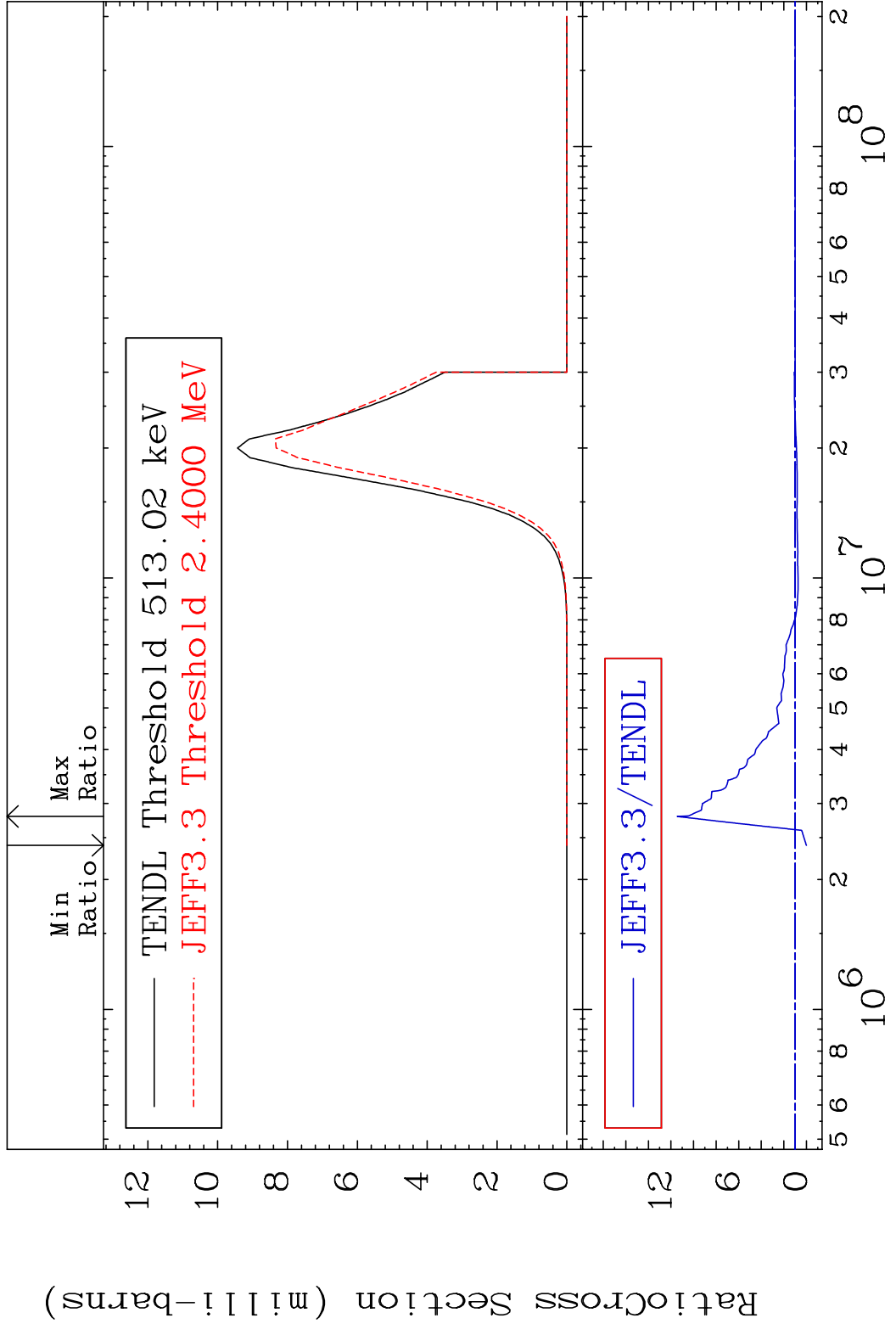
MAT 3643 (n, t):35-Br-82m1 36-Kr-84
 Radionuclide Production Cross Section 180.01 dno 0.000 %

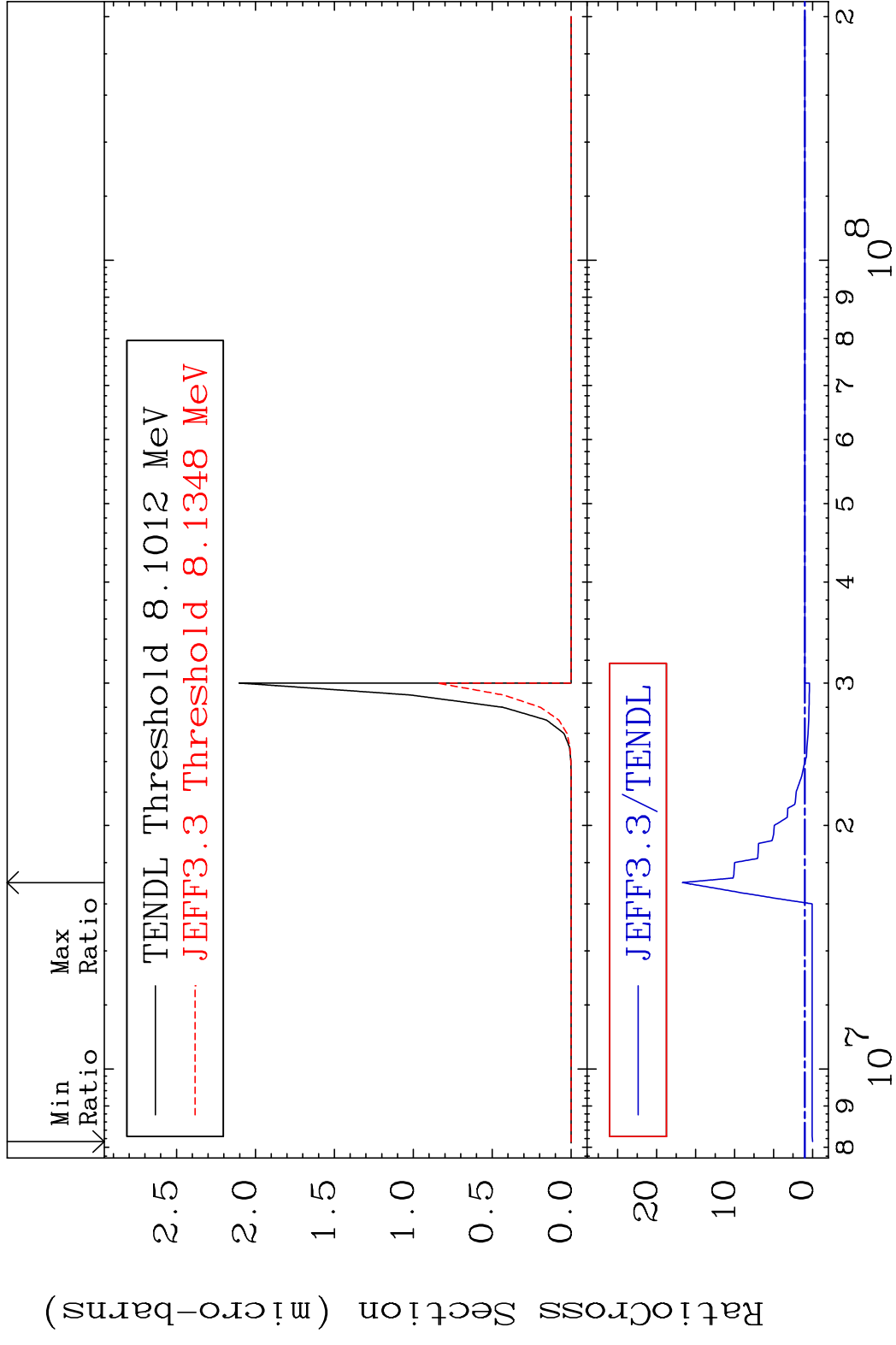


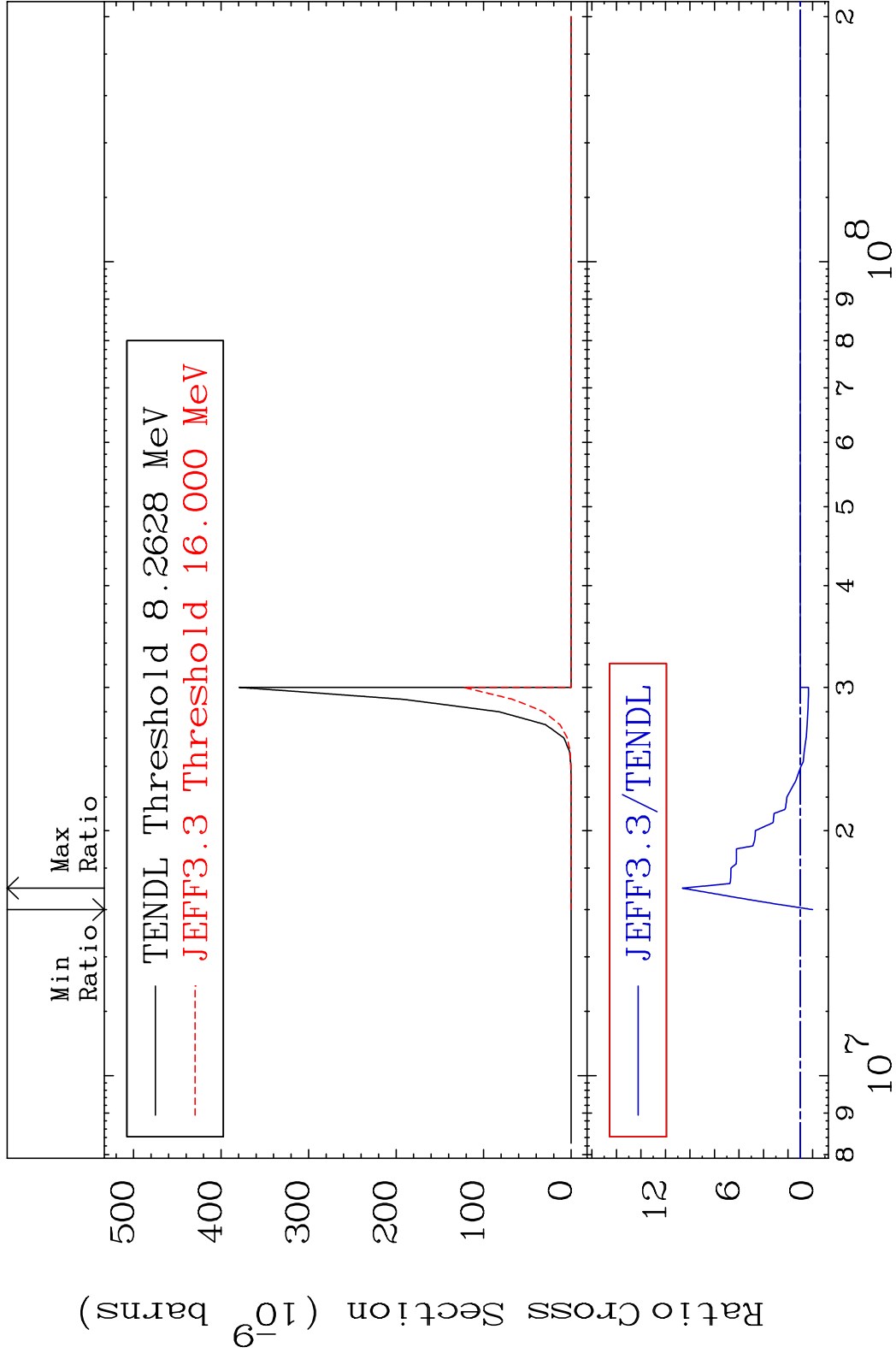
MAT 3643 (n, α):34-Se-81g 36-Kr-84
 Radionuclide Production Cross Section Ratio 1408. %



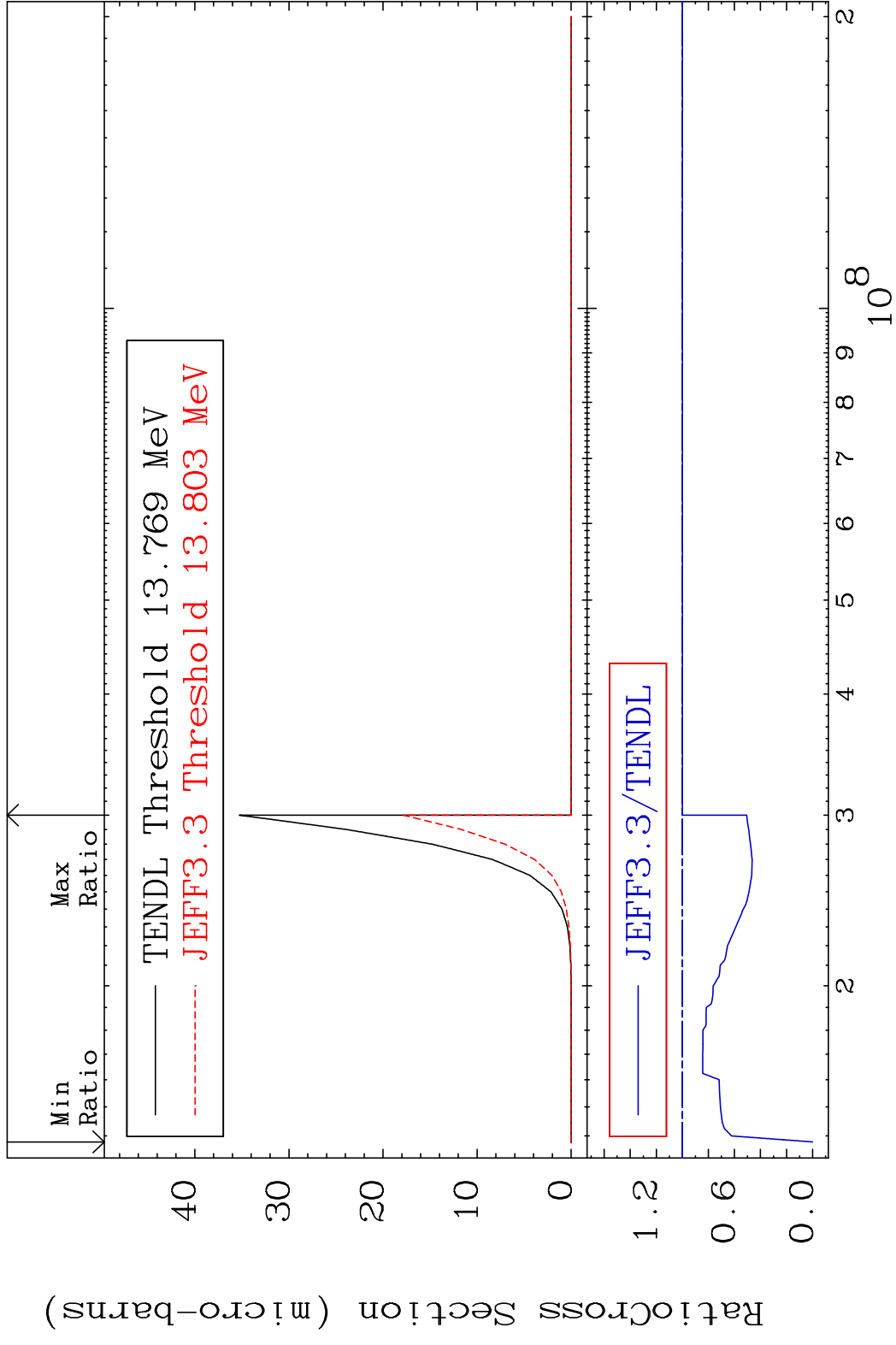
MAT 3643 (n,α):34-Se-81m1 36-Kr-84
 Radionuclide Production Cross Section 100.00 to 1045. %



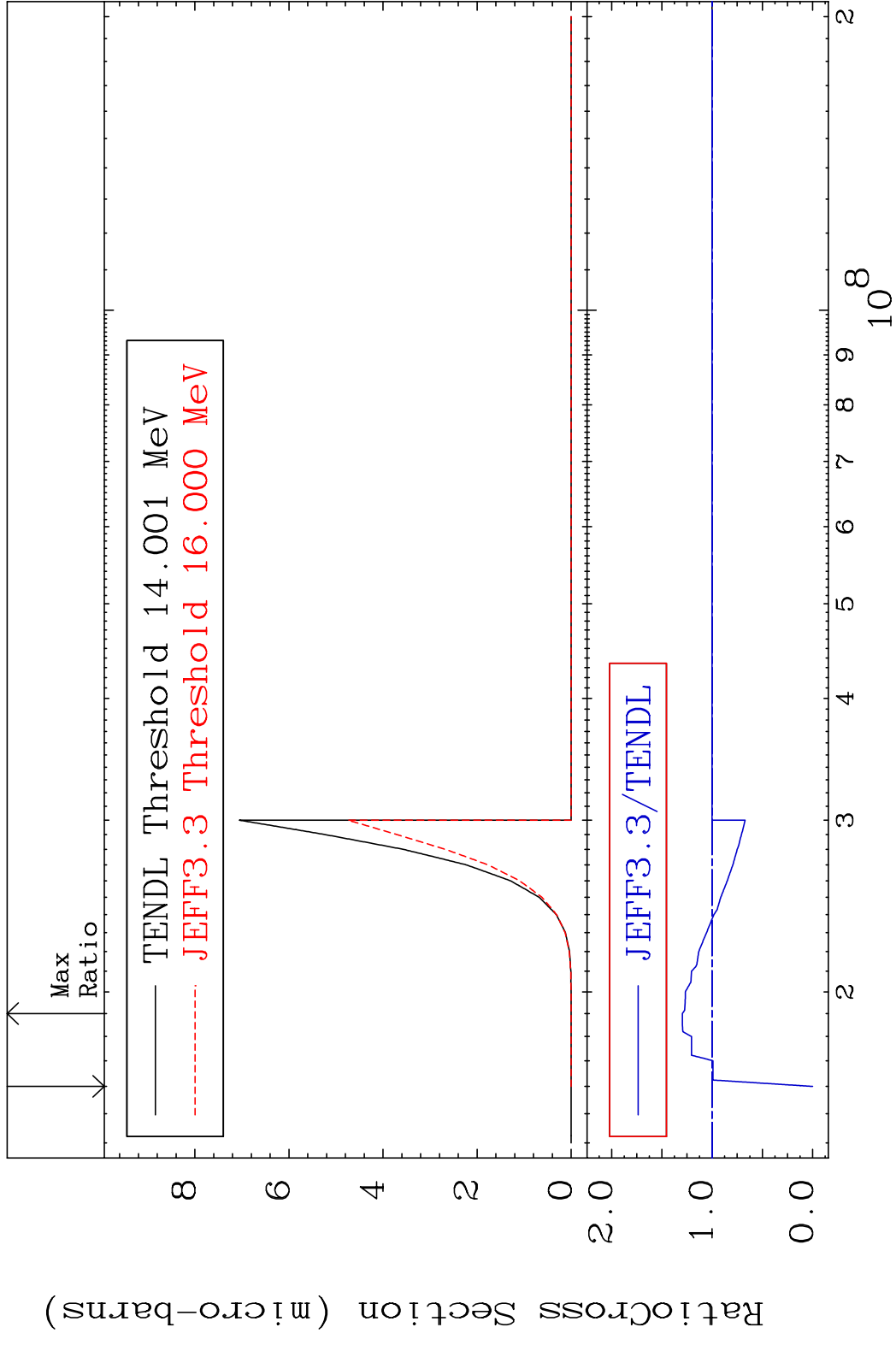




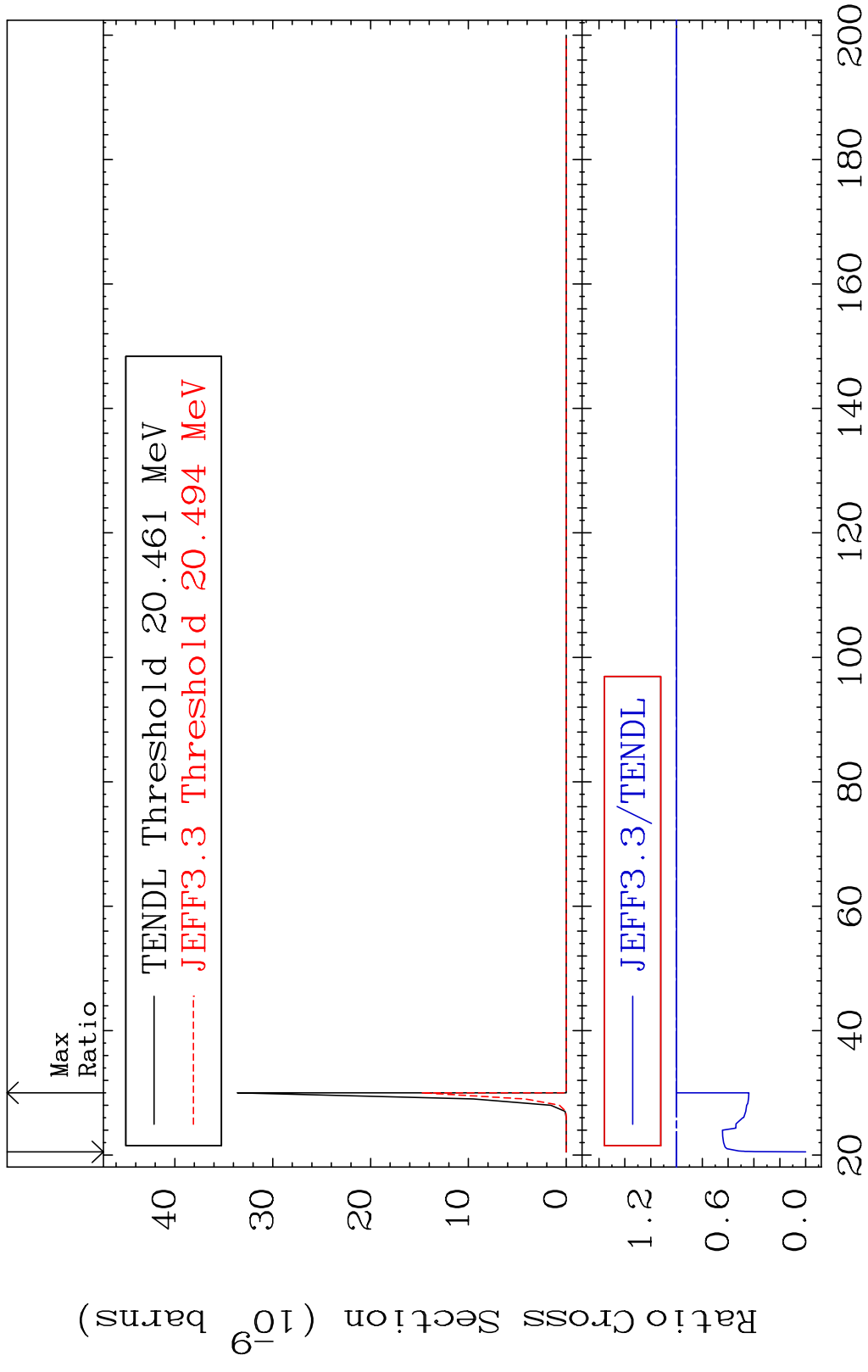
MAT 3643 (n,2p):34-Se-83g 36-Kr-84
 Radionuclide Production Cross Section Ratio 0.000 %



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 %

