

Program Complot
(Version 2021-1)

by

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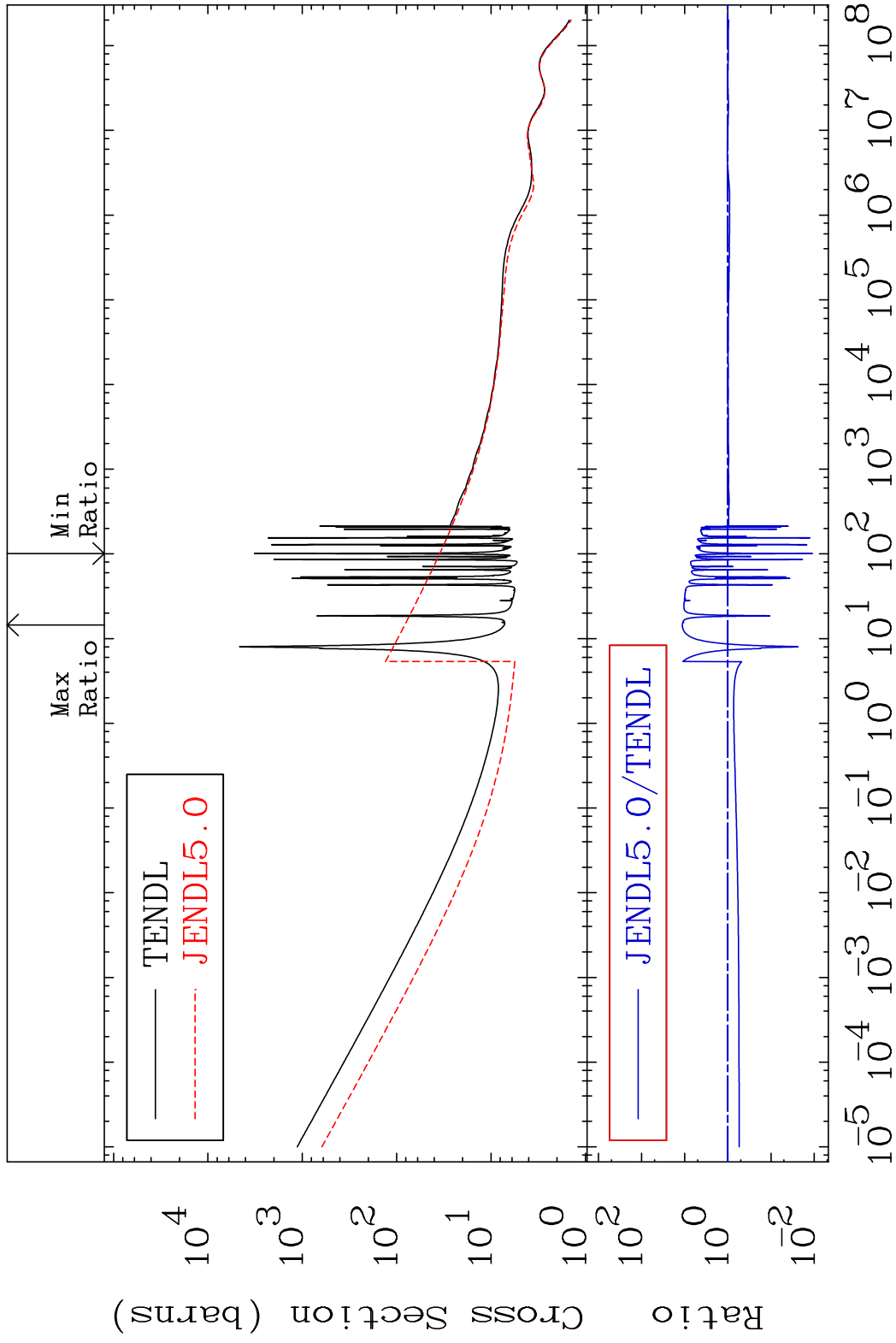
Press Mouse Button to Start

MAT 3719

Total

37-Rb-83

Cross Section -98.91 To 1034. %



1

Incident Energy (eV)

37-Rb-83

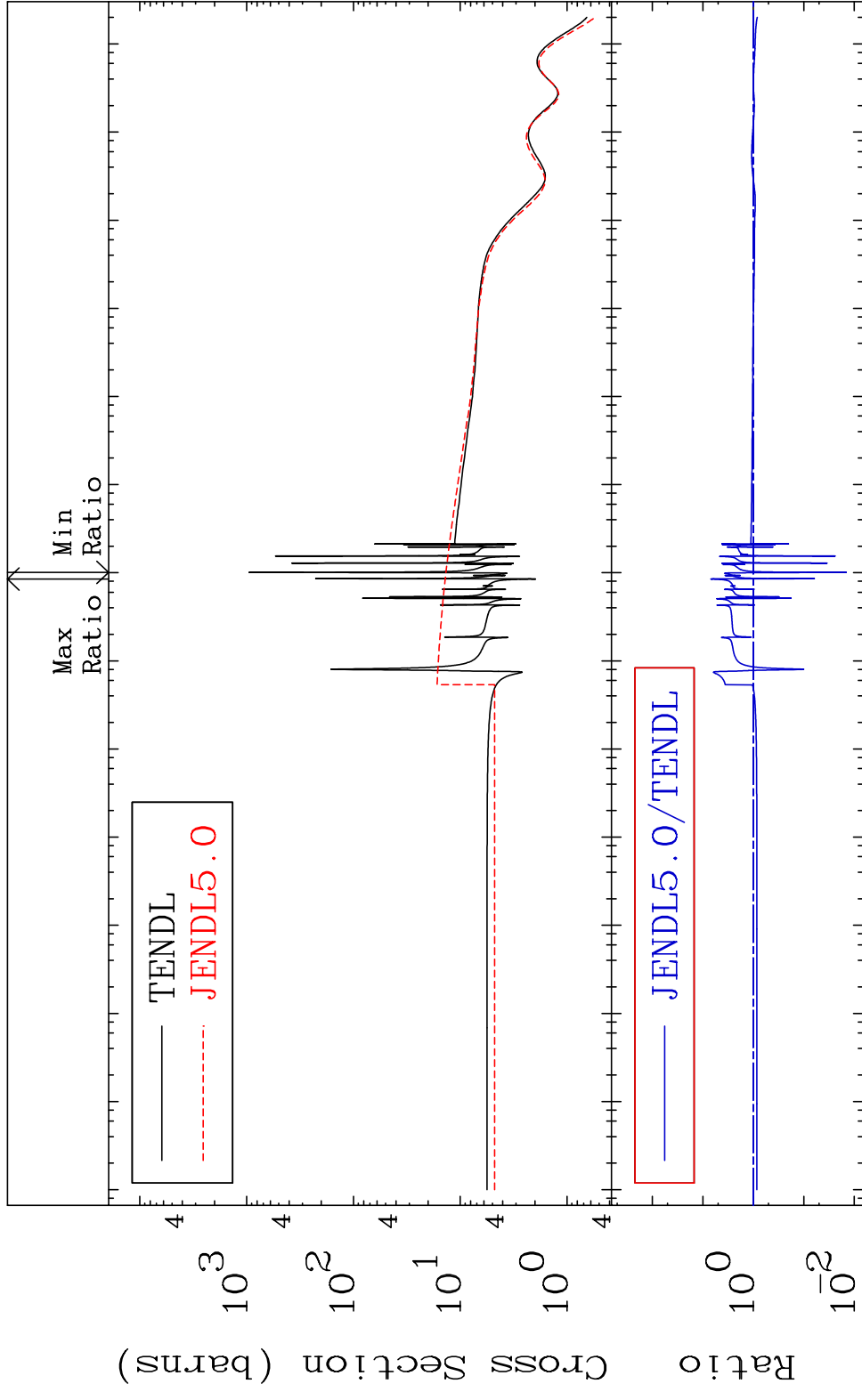
MAT 3719

Elastic

37-Rb-83

Cross Section

-98.56 To 598.6 %

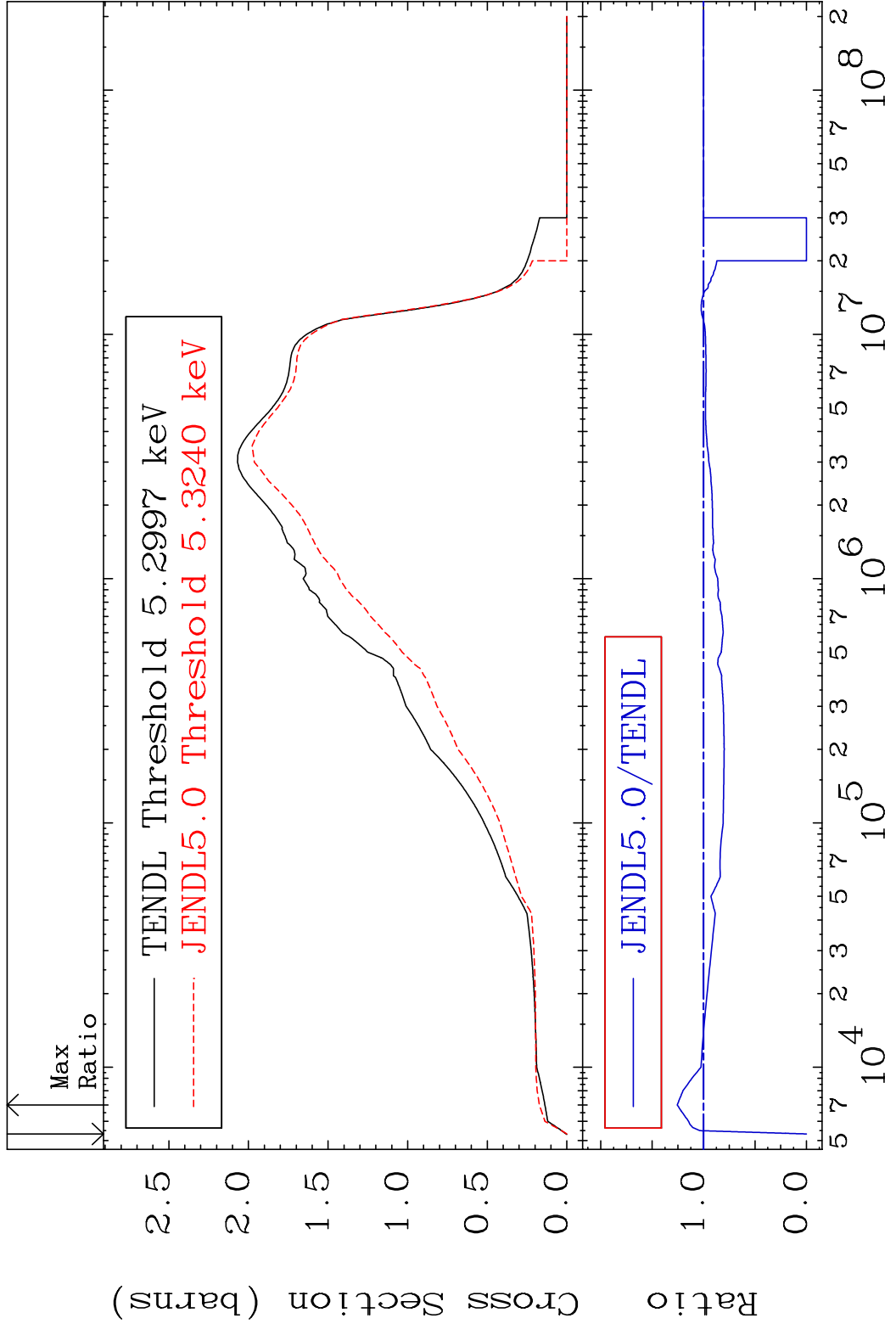


2

Incident Energy (eV)

37-Rb-83

MAT 3719 Inelastic 37-Rb-83
 Cross Section -100.0 To 25.67 %

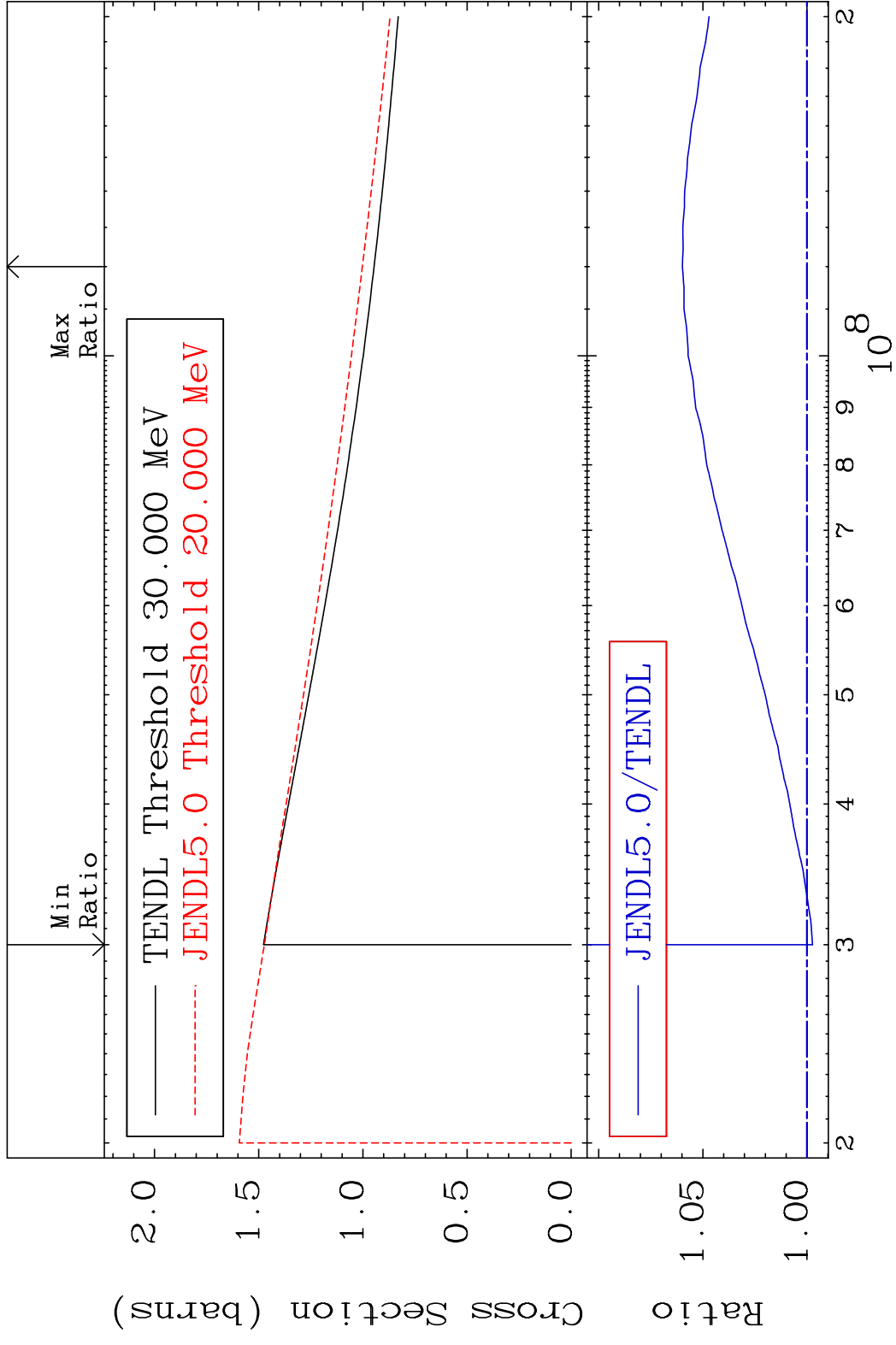


MAT 3719

(n, remainder)

37-Rb-83

Cross Section -0.269 To 5.983 %



4

Incident Energy (eV)

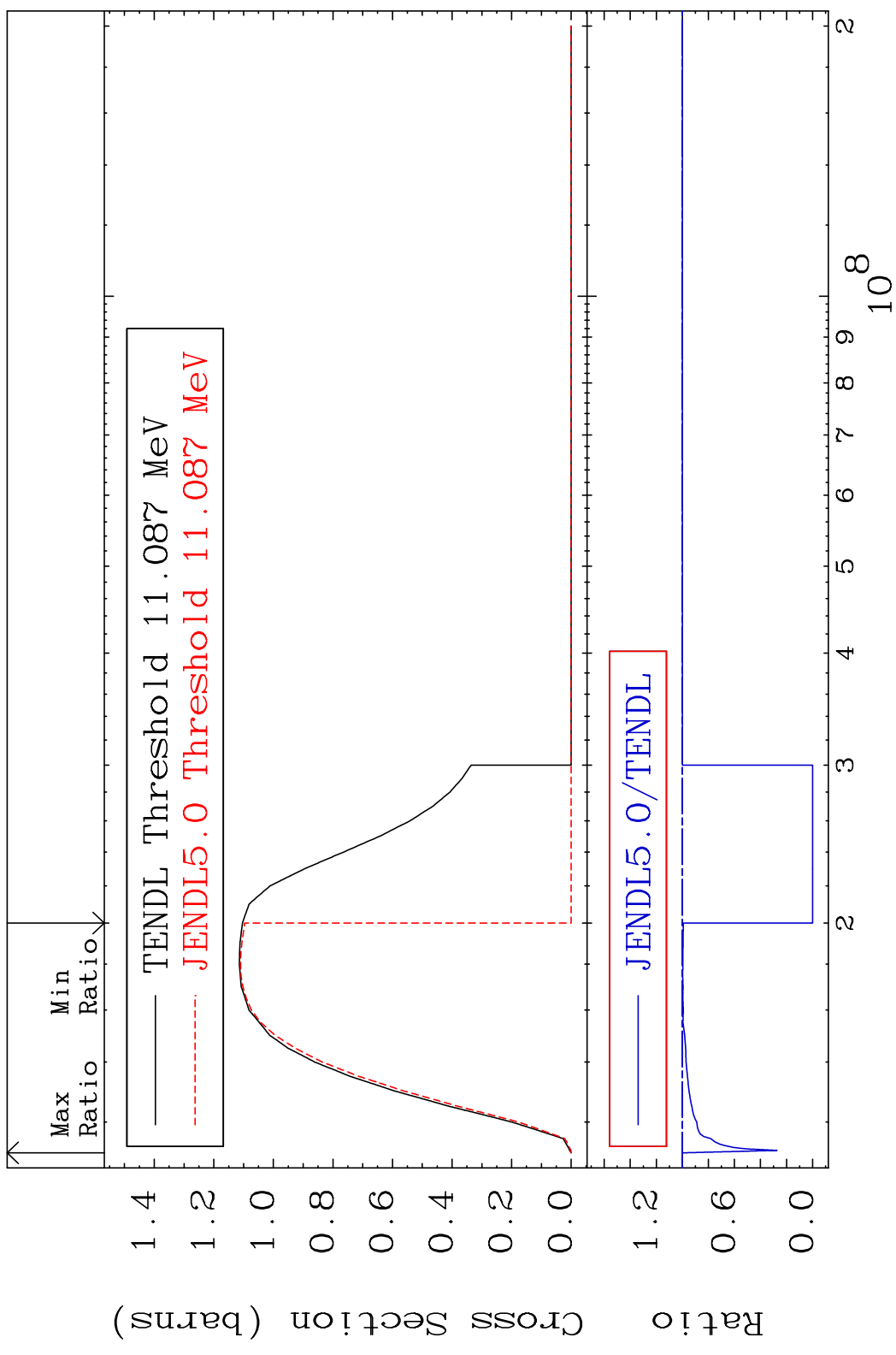
37-Rb-83

MAT 3719

(n,2n)

37-Rb-83

Cross Section -100.0 To 0.000 %

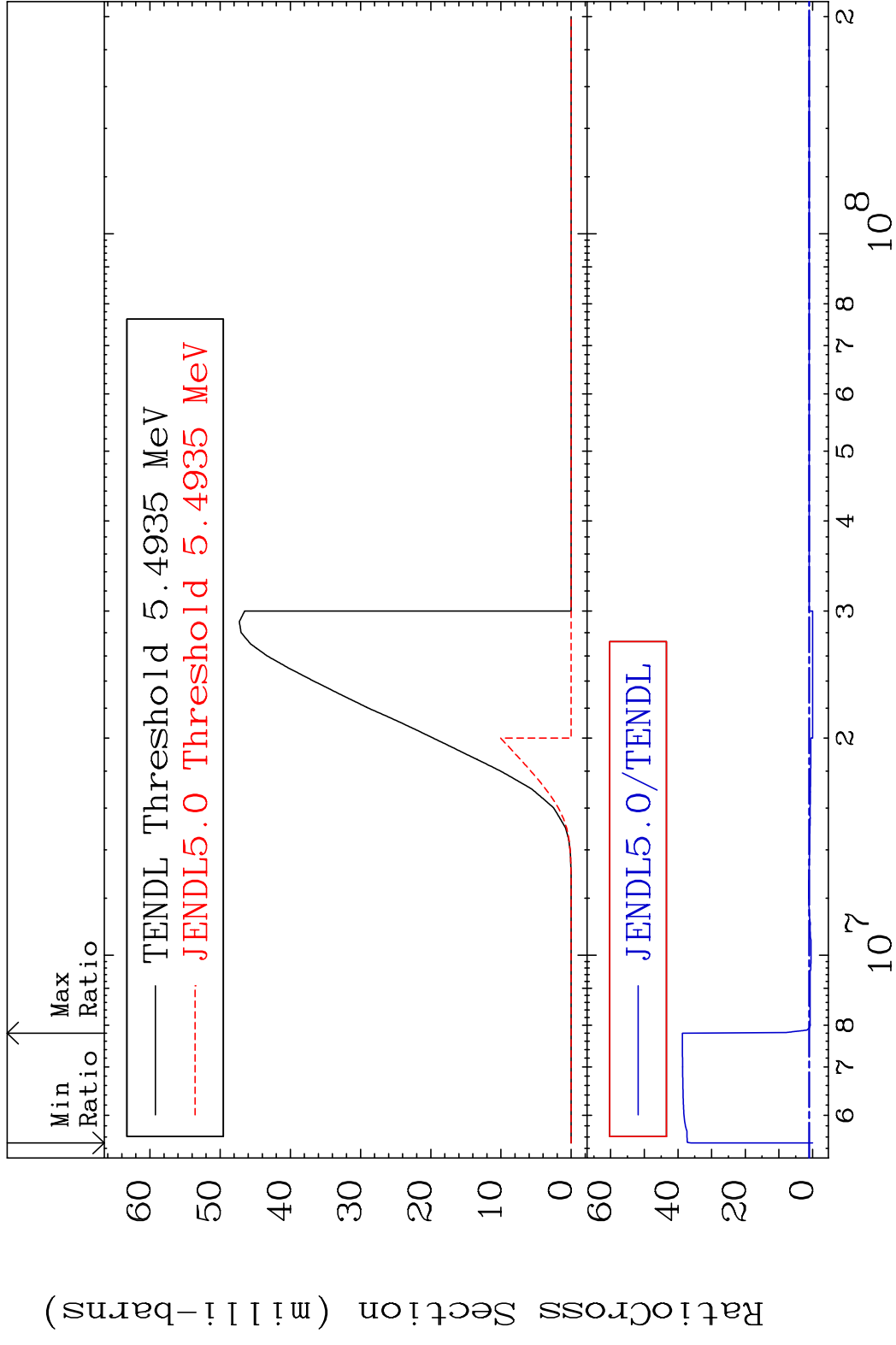


5

Incident Energy (eV)

37-Rb-83

MAT 3719 (n, n') α 37-Rb-83
 Cross Section -100.0 To 3769. %

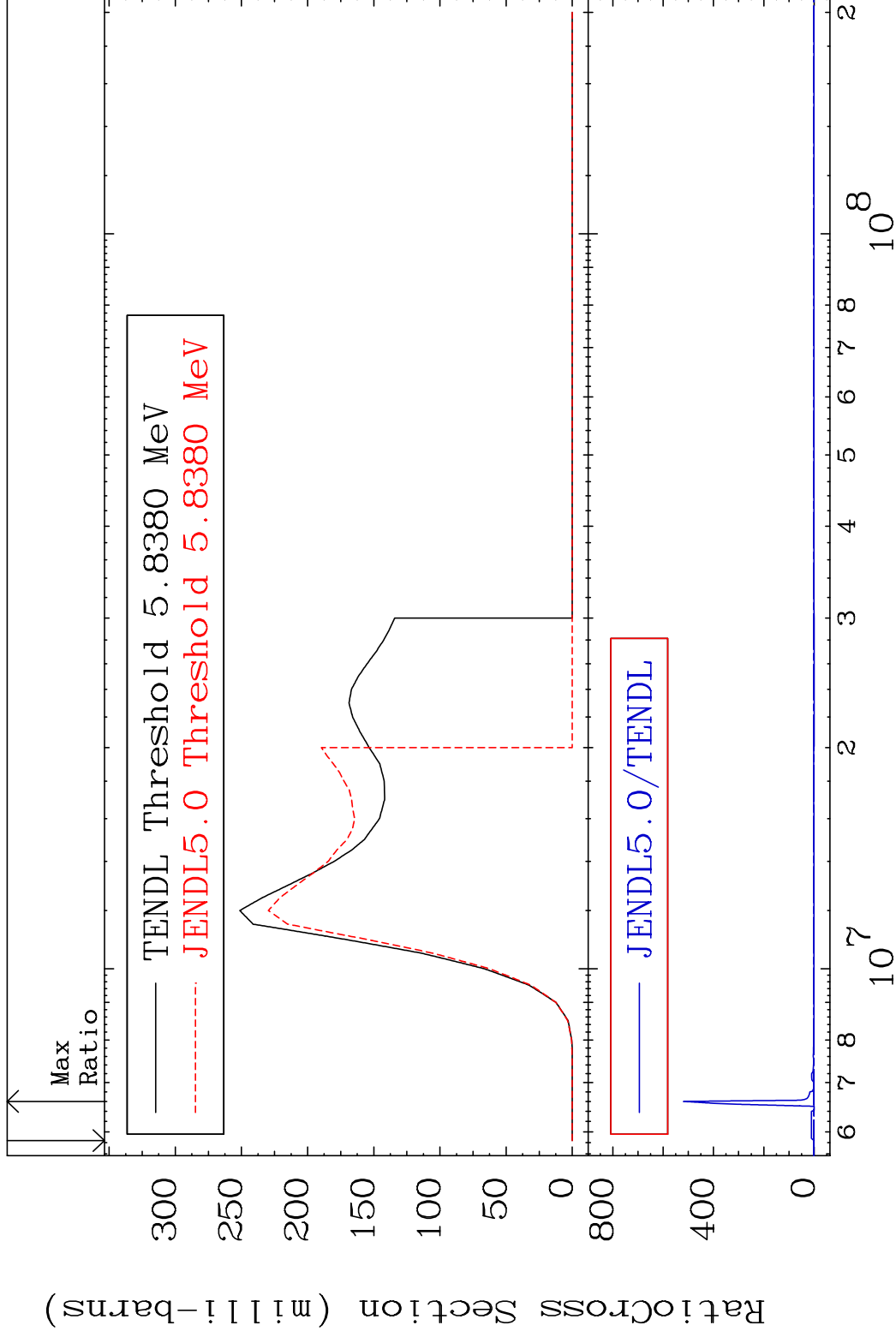


MAT 3719

(n, n') p

37-Rb-83

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

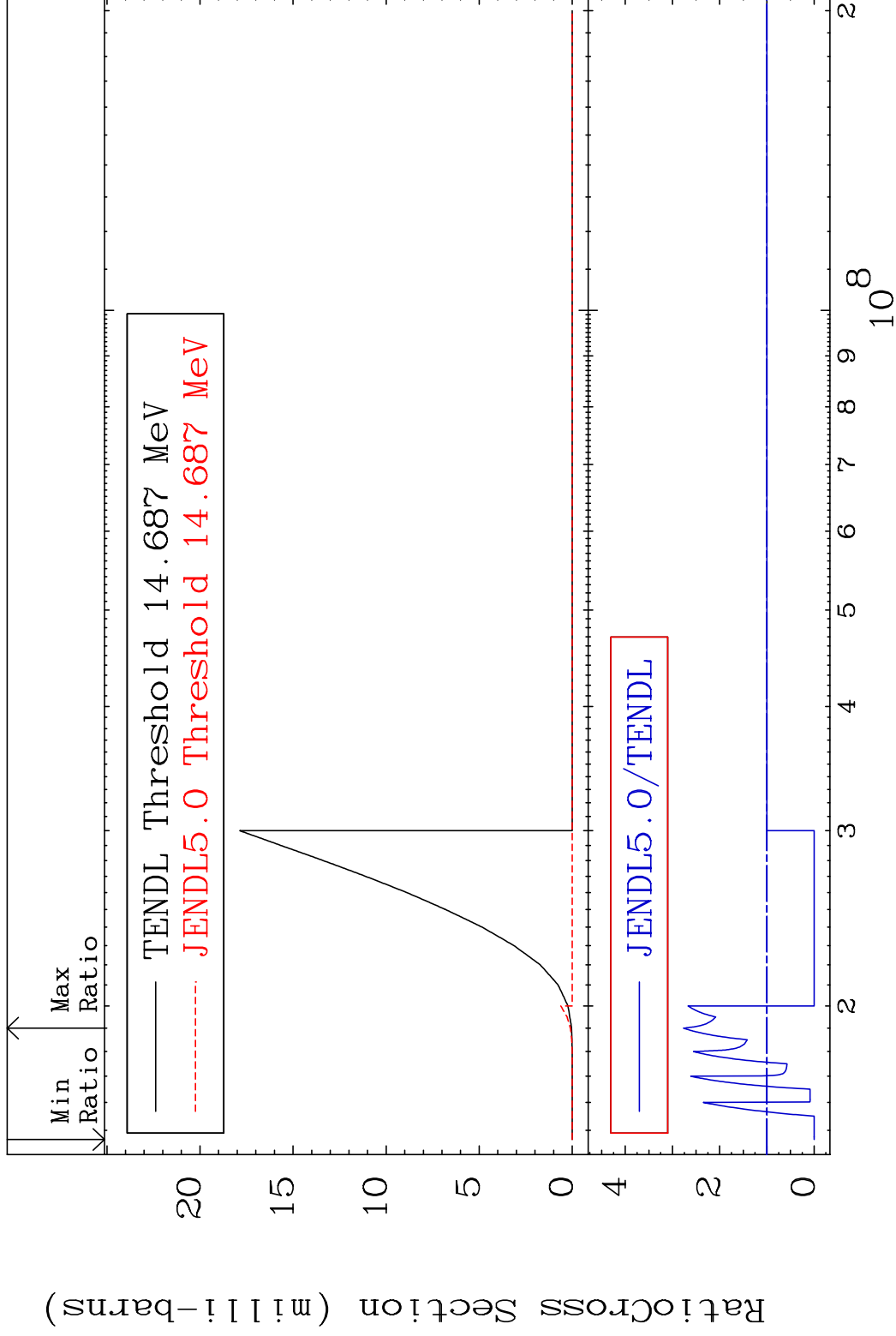
37-Rb-83

MAT 3719

(n, n') d

37-Rb-83

Cross Section -100.0 To 176.3 %



8

Incident Energy (eV)

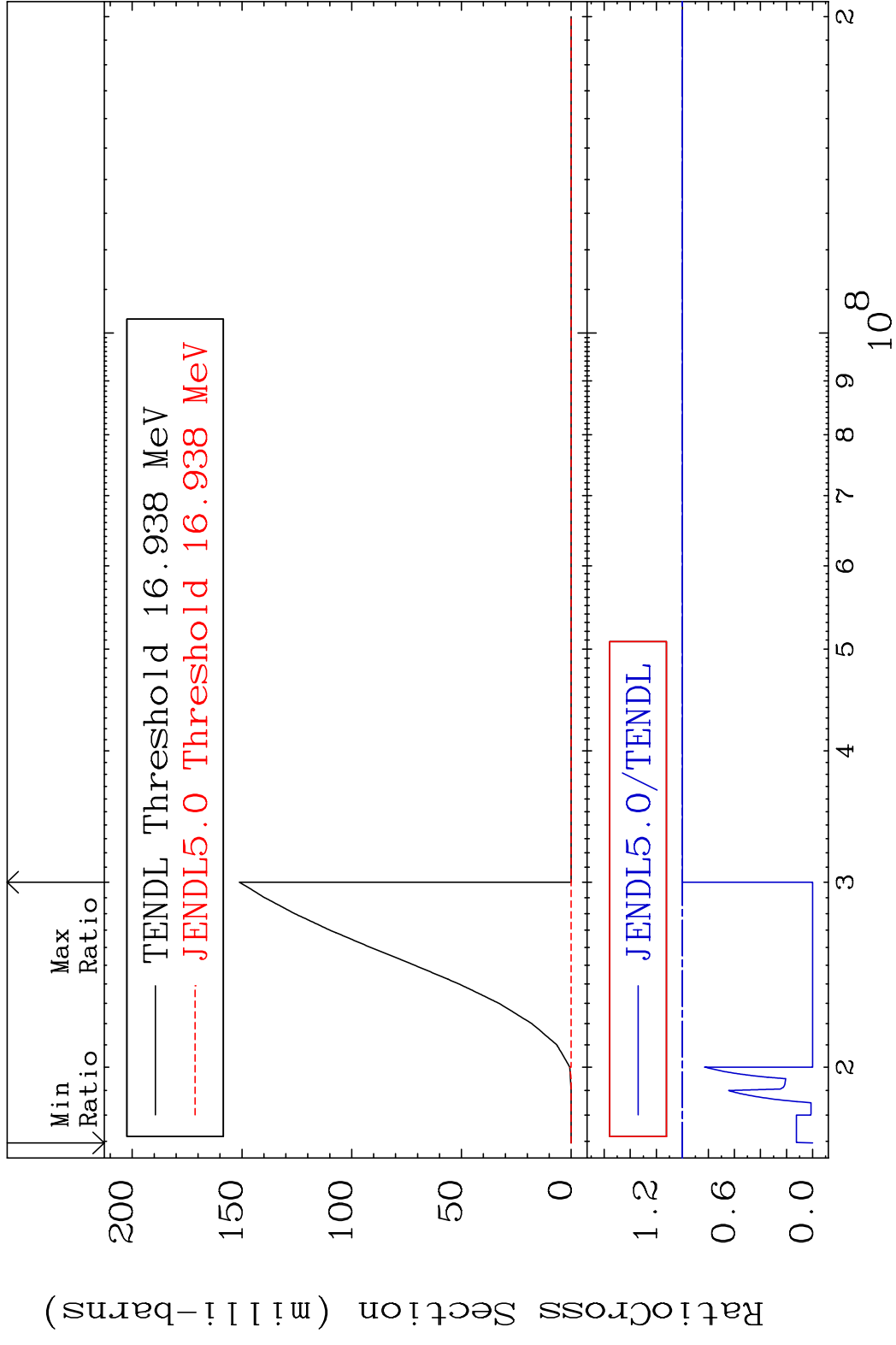
37-Rb-83

MAT 3719

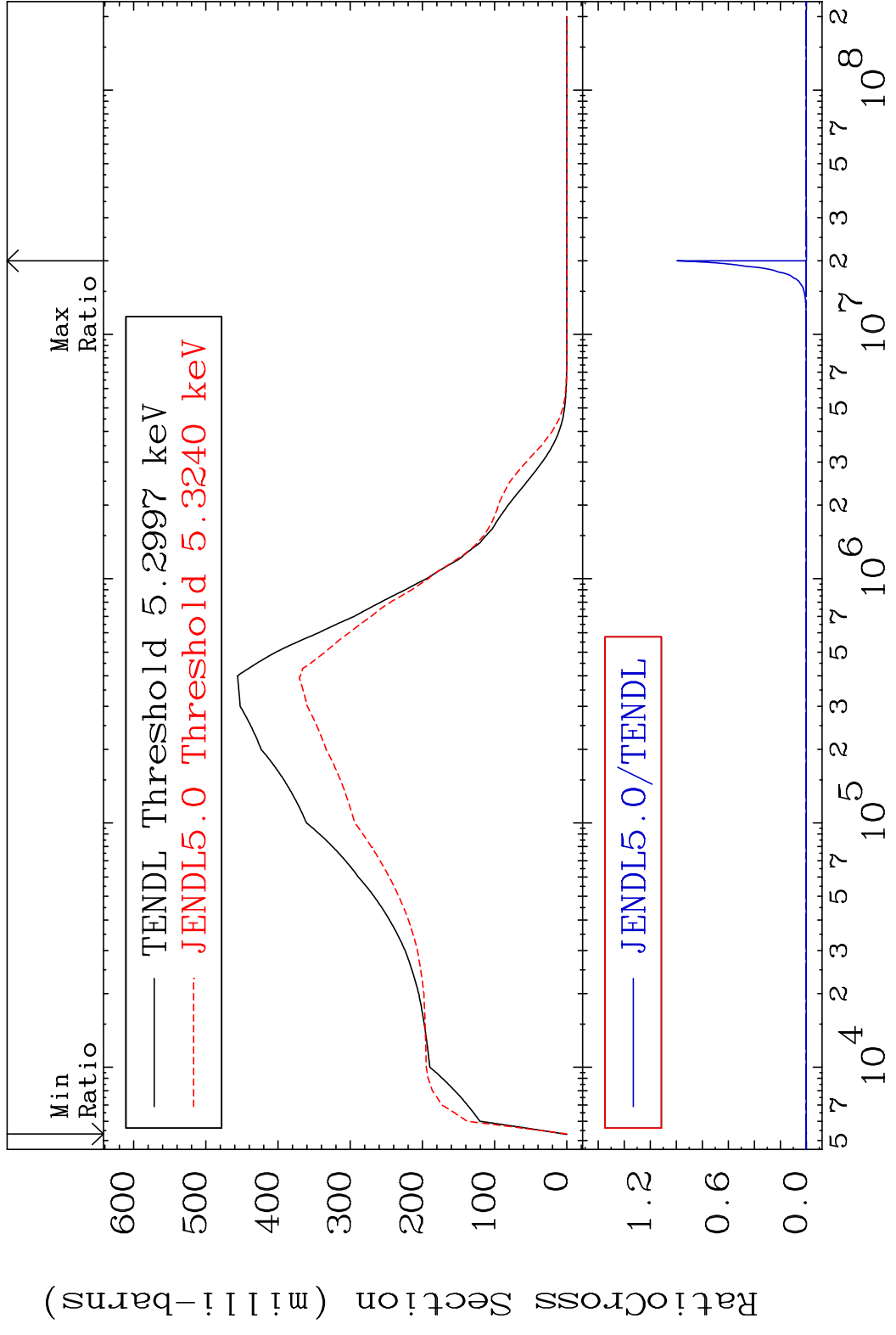
(n,2n) p

37-Rb-83

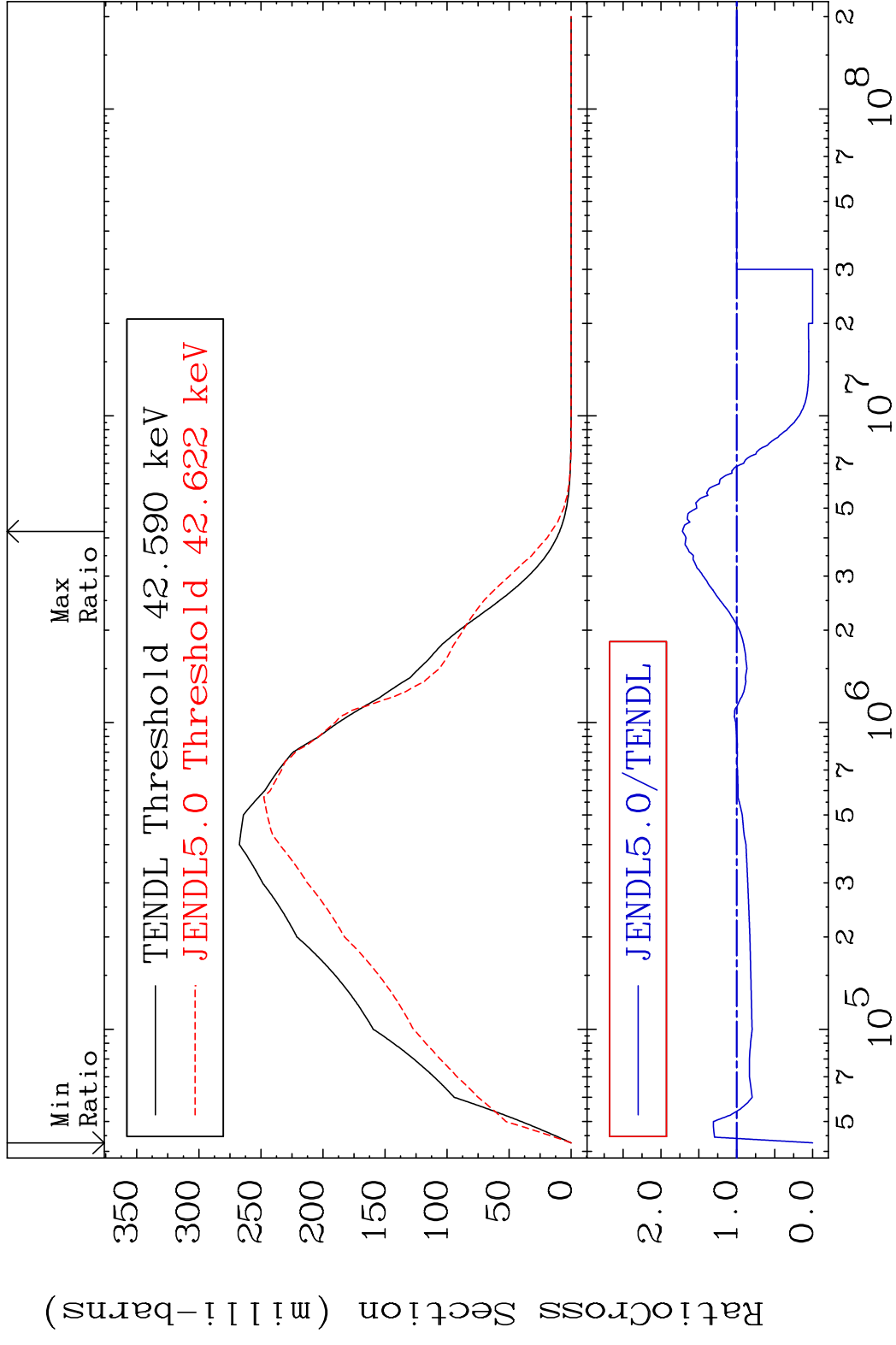
Cross Section -100.0 To 0.000 %



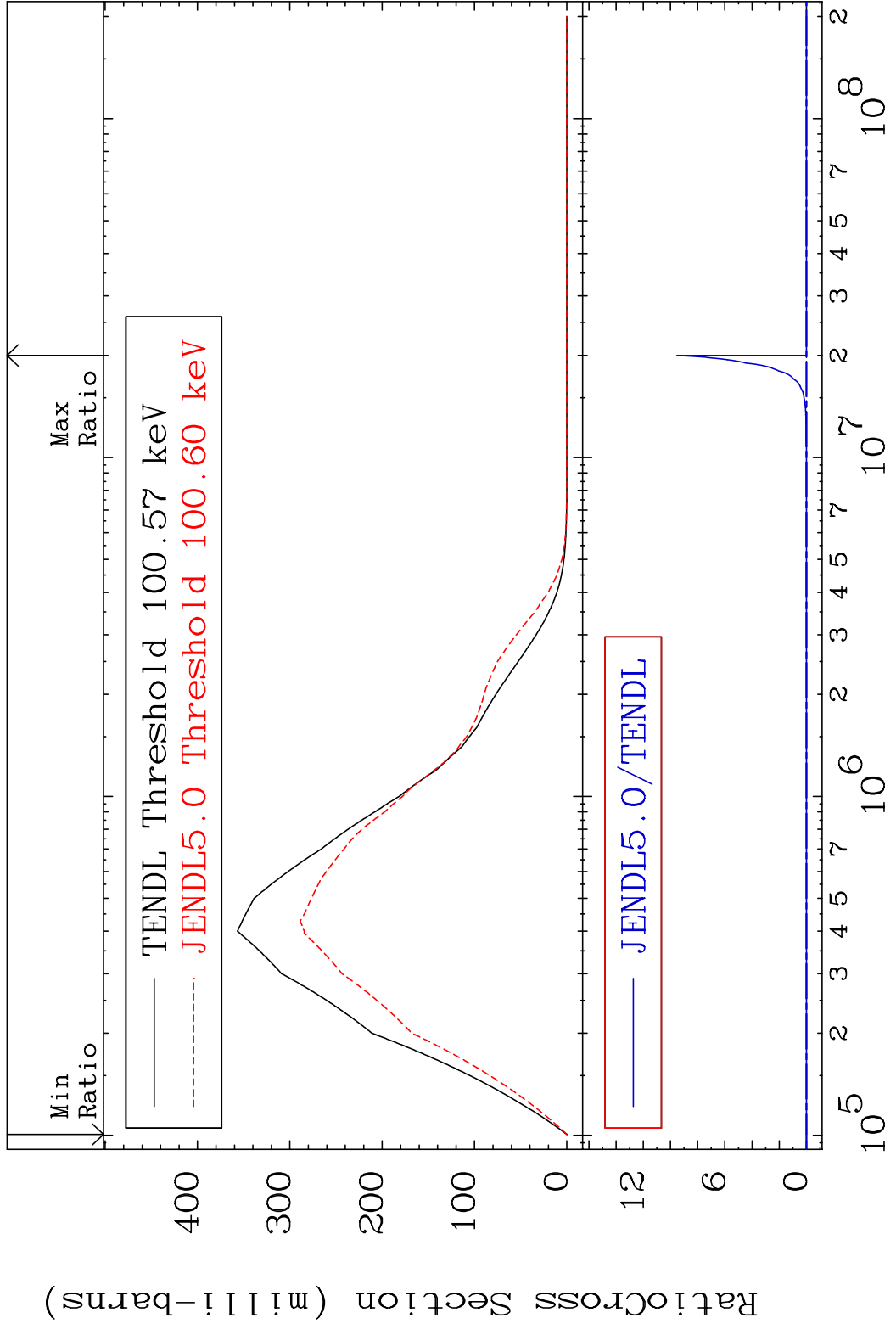
MAT 3719 MT= 51 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 9999. %



MAT 3719 MT= 52 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 71.73 %

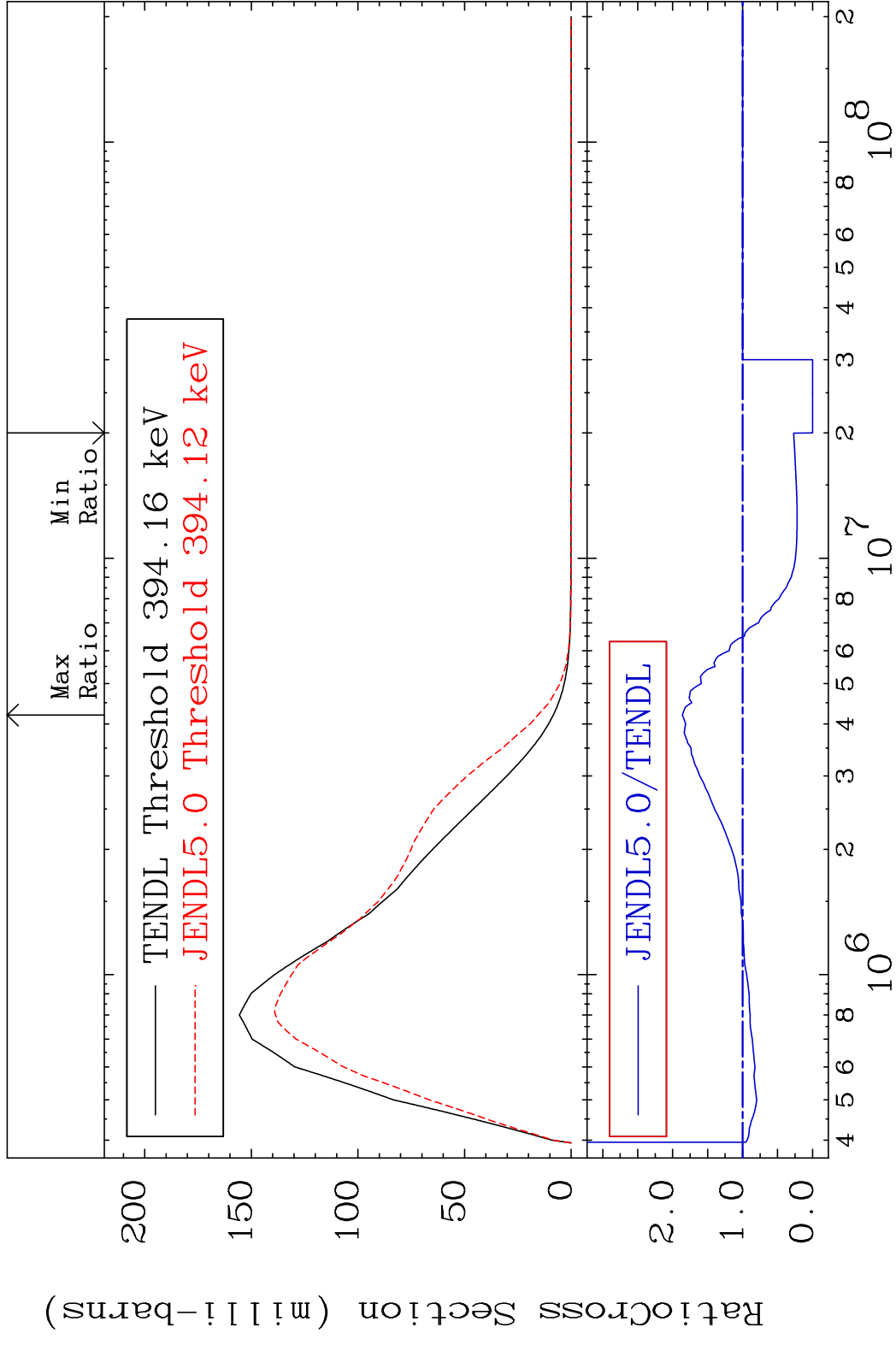


MAT 3719 MT= 53 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 9999. %

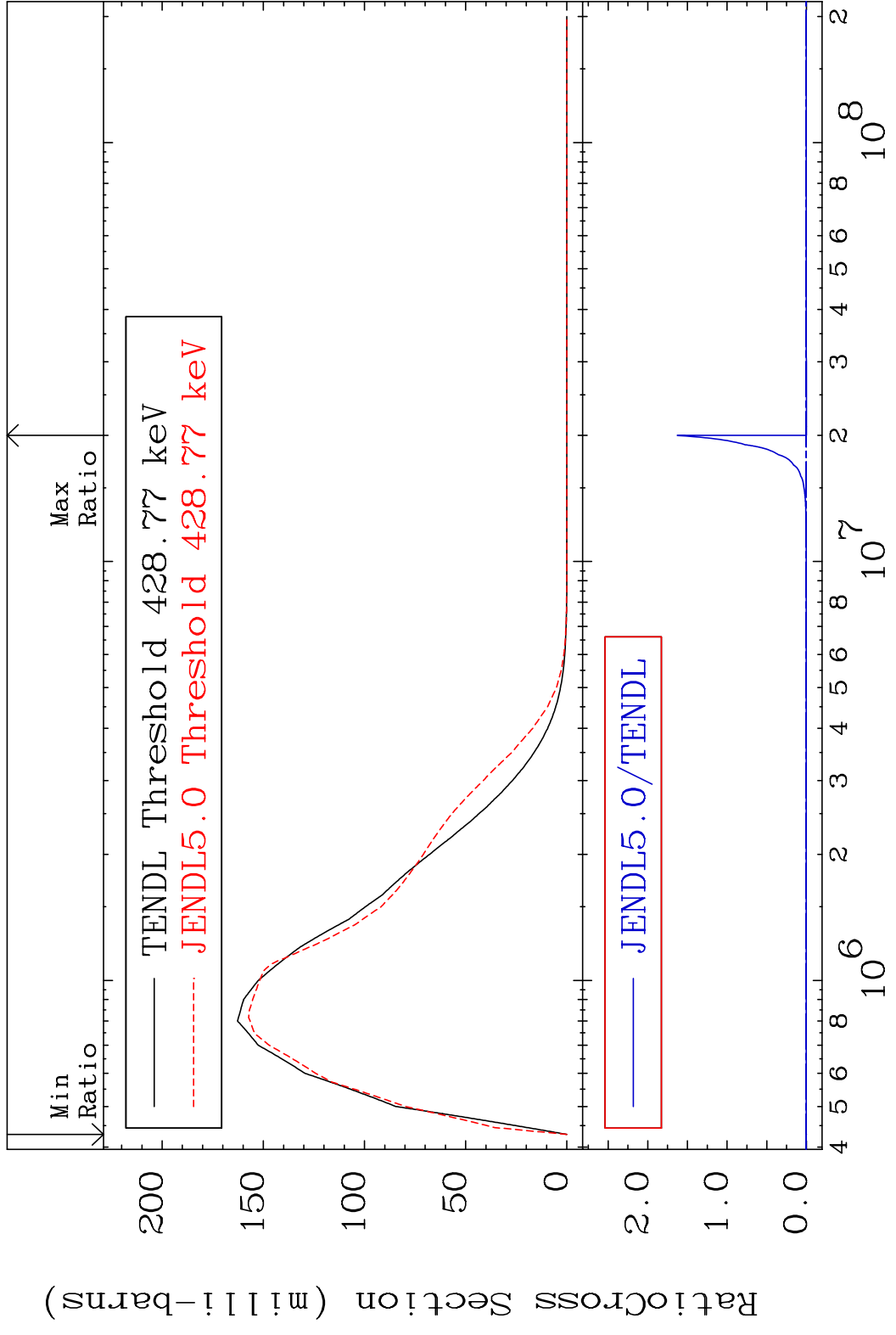


12 37-Rb-83

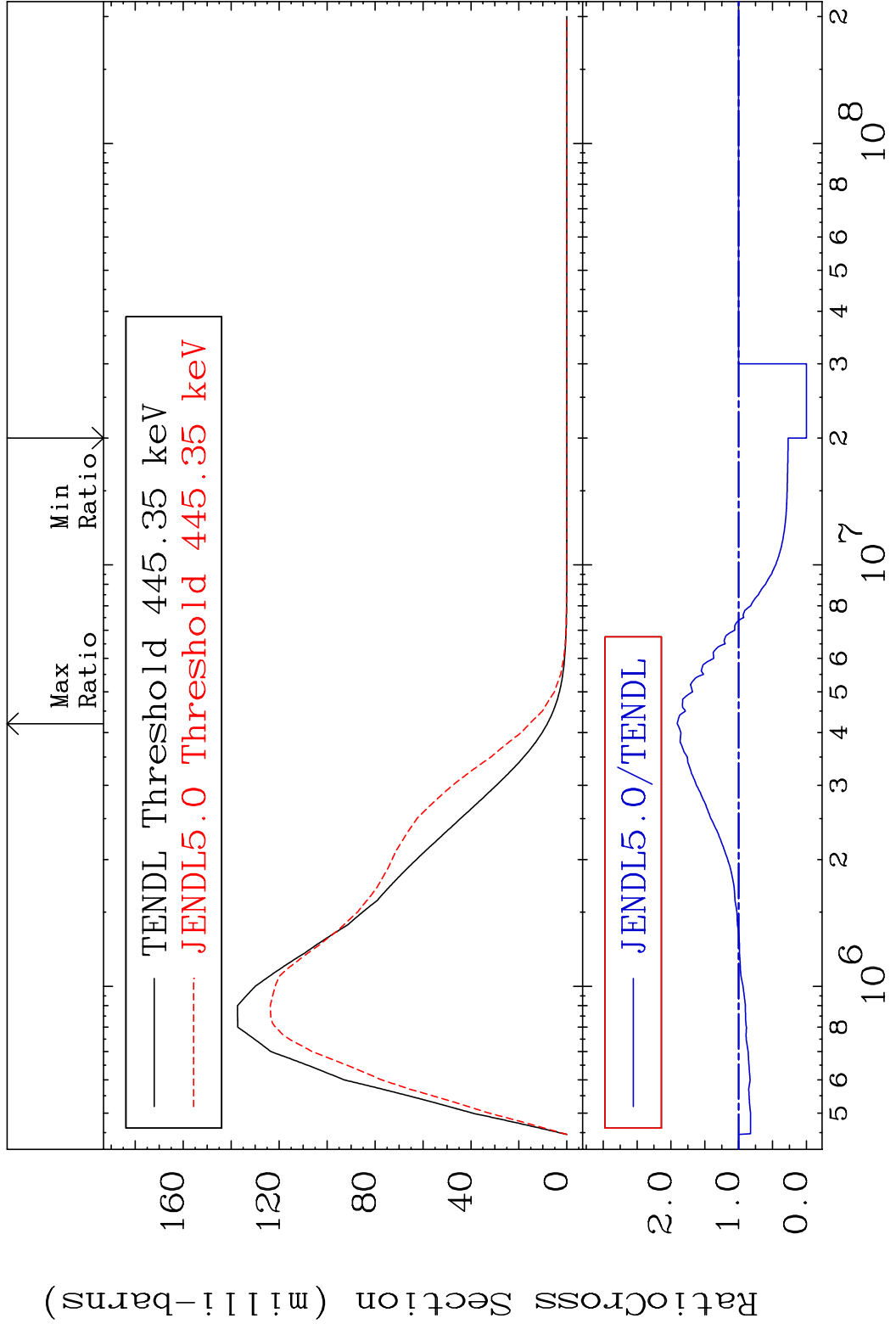
MAT 3719 MT= 54 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 86.16 %



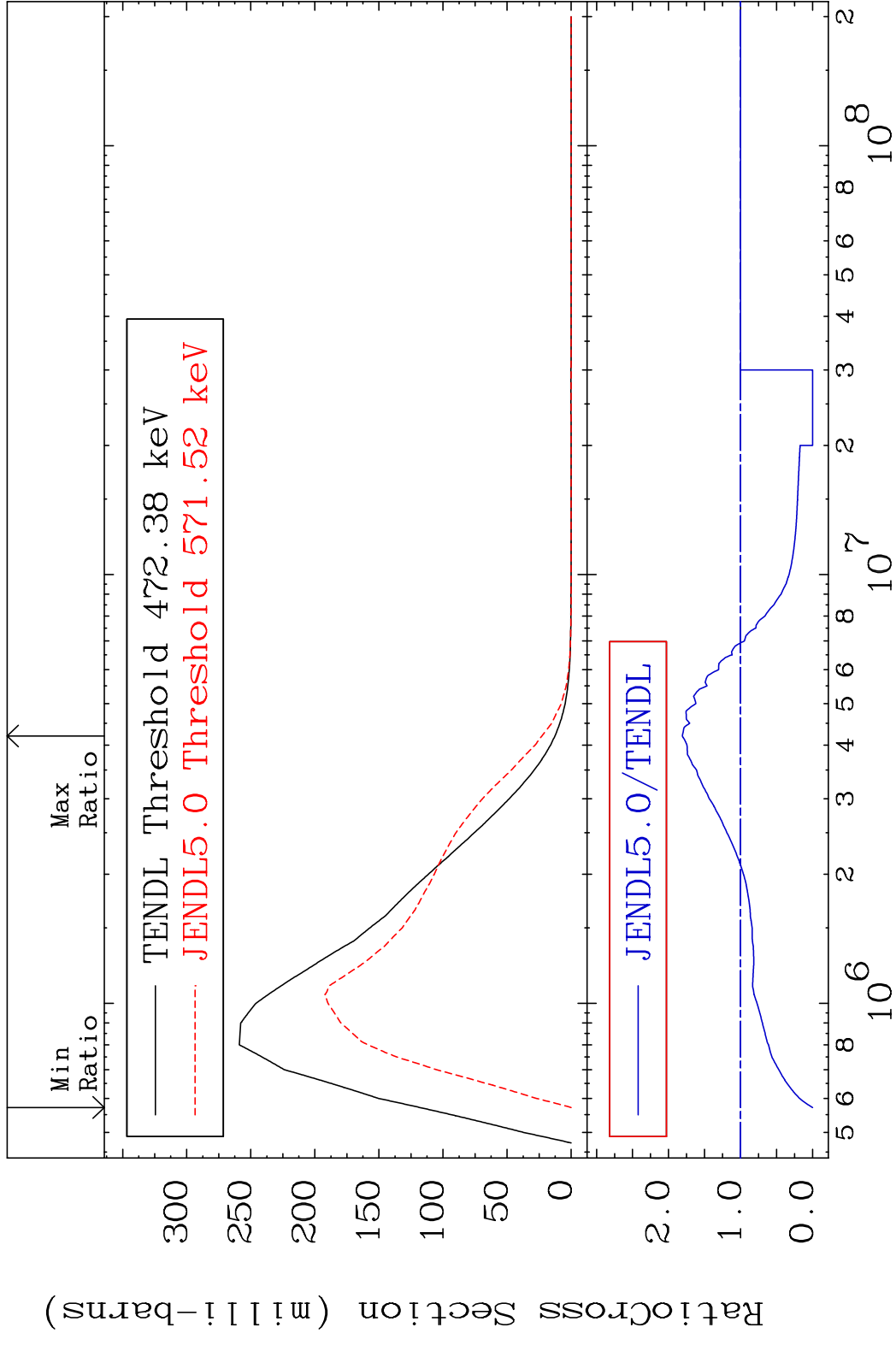
MAT 3719 MT= 55 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 9999. %



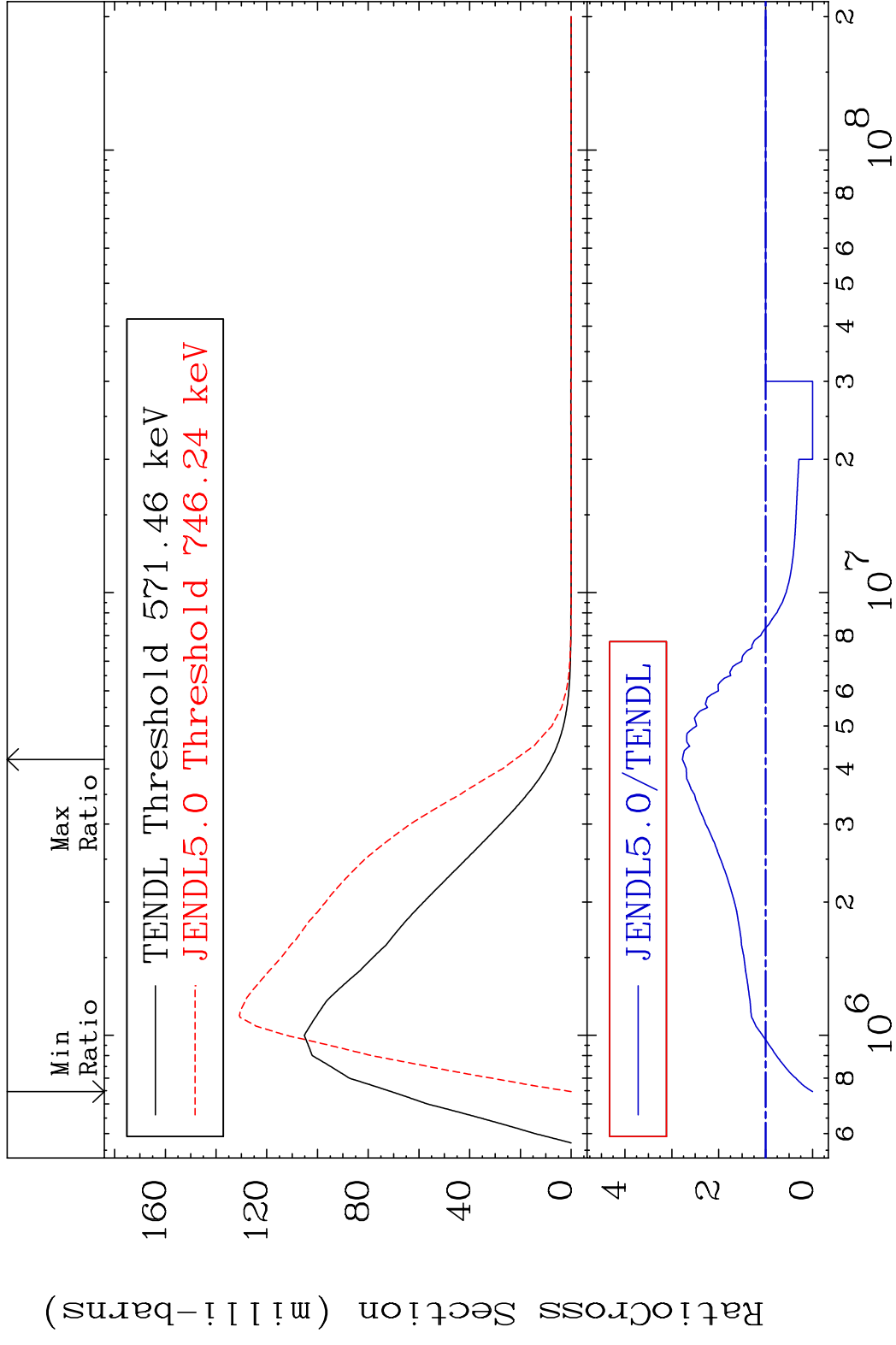
MAT 3719 MT= 56 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 90.76 %



MAT 3719 MT= 57 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 80.83 %

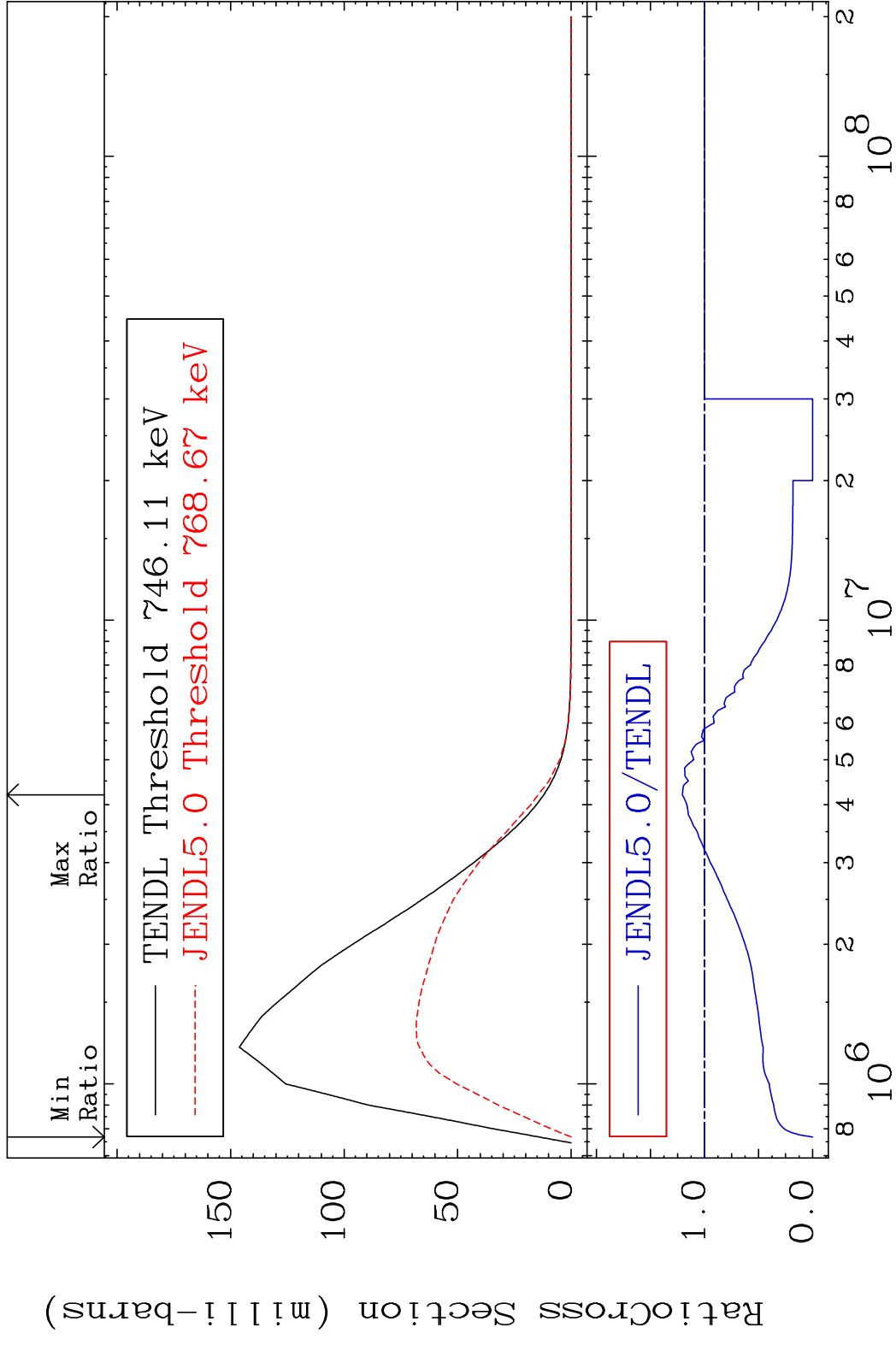


MAT 3719 MT= 58 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 177.5 %



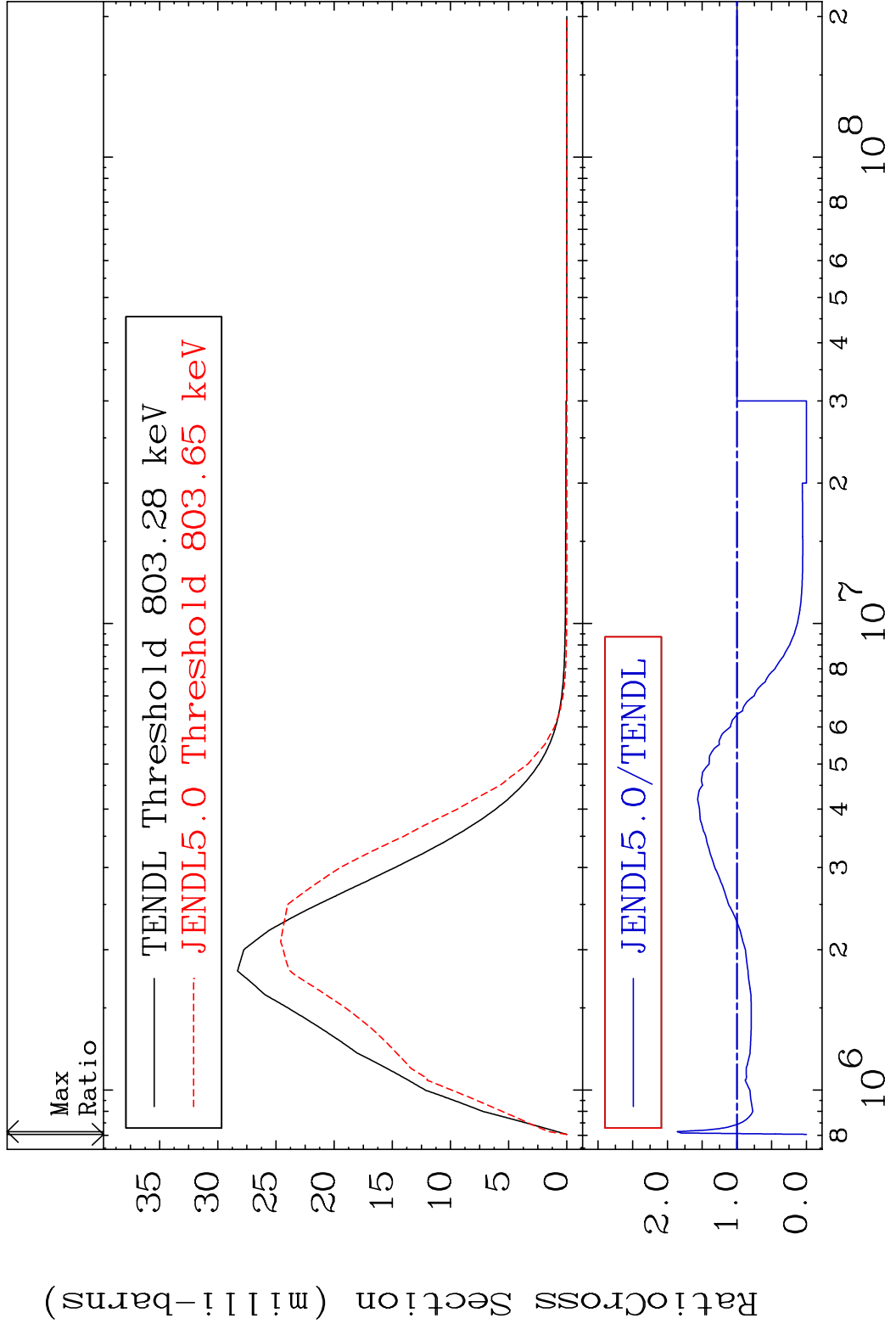
17 Incident Energy (eV) 37-Rb-83

MAT 3719 MT= 59 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 20.53 %

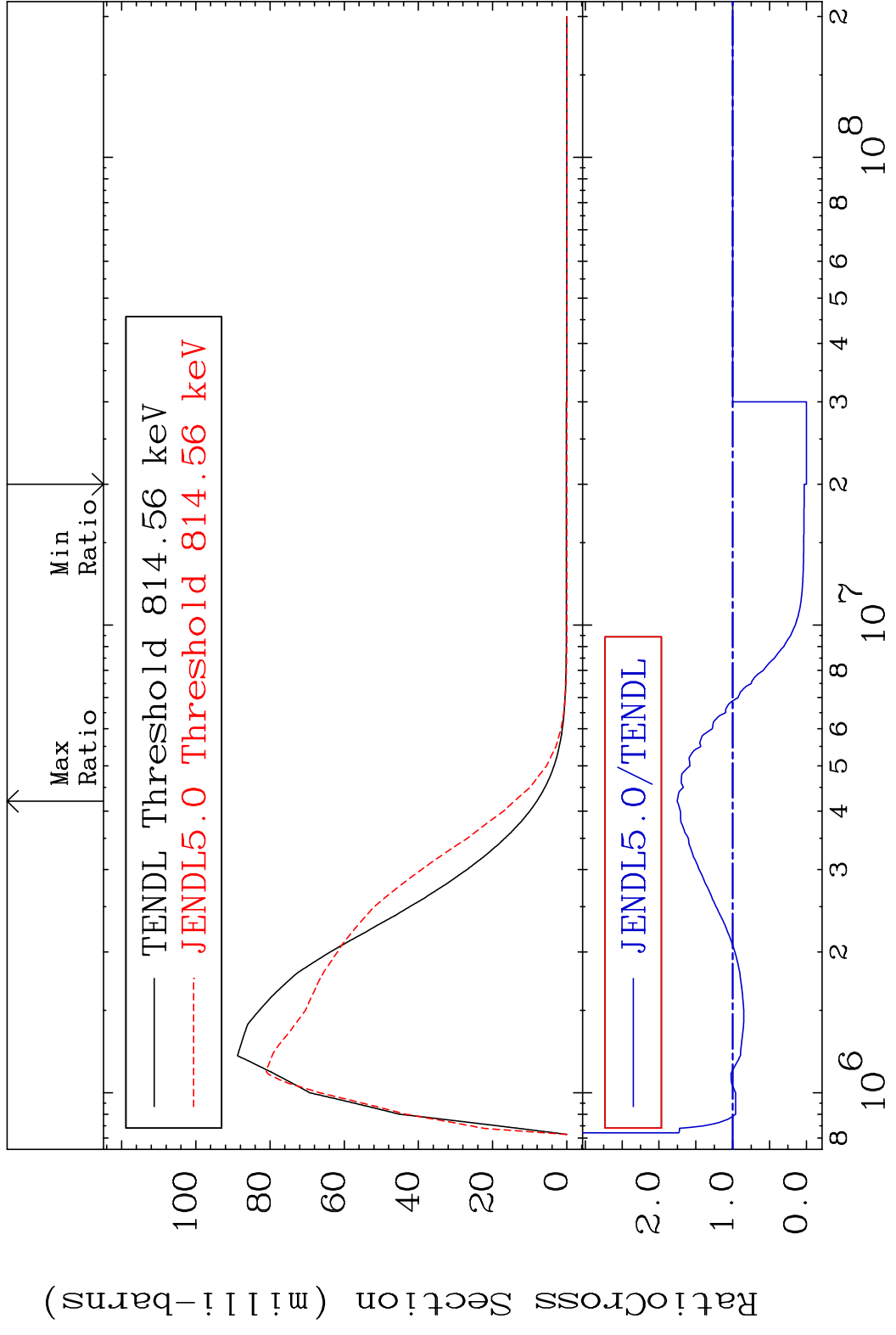


18 Incident Energy (eV) 37-Rb-83

MAT 3719 MT= 60 (n,n') Level 37-Rb-83
 Cross Section -100.0 To 86.01 %

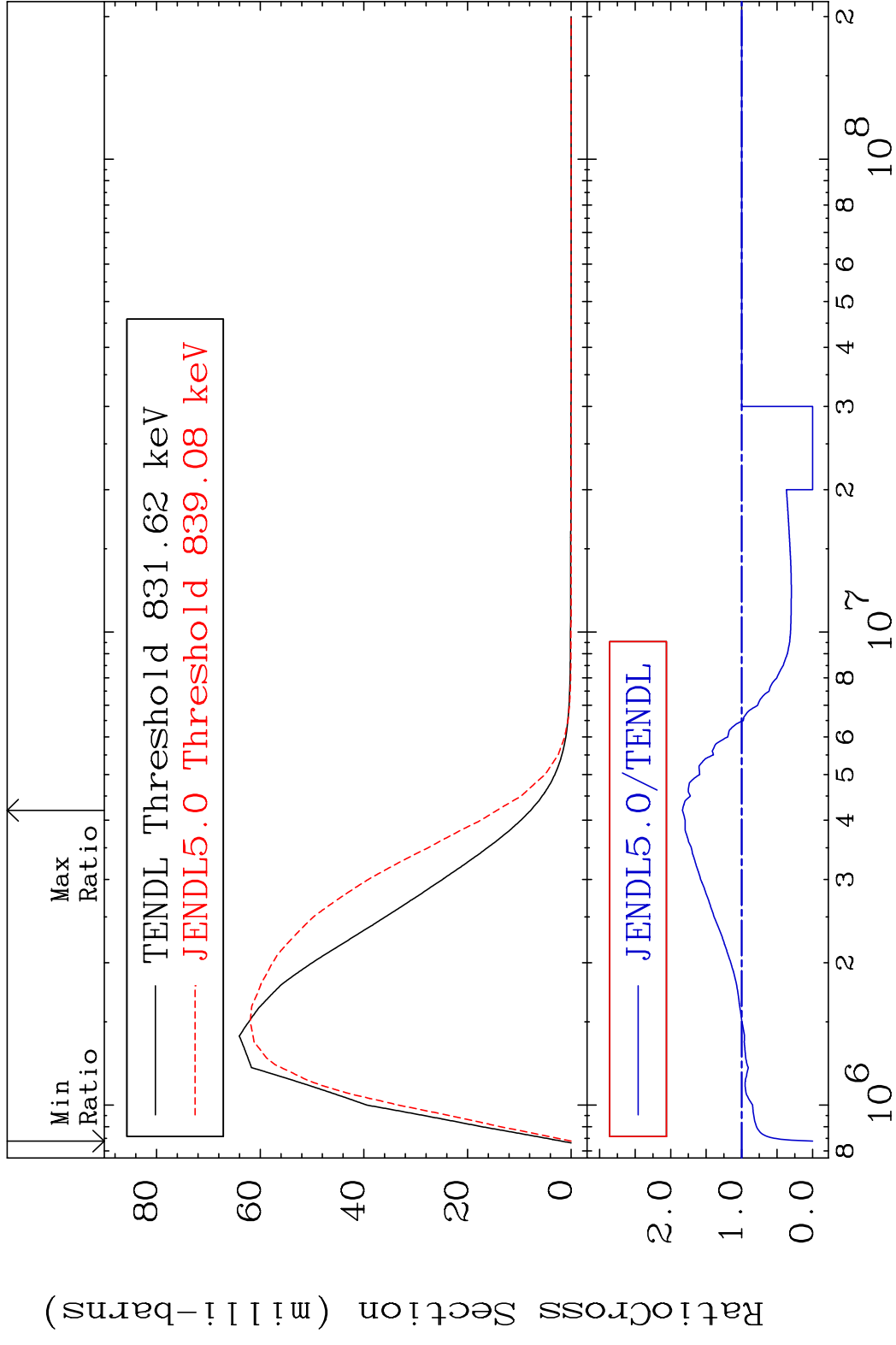


MAT 3719 MT= 61 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 75.30 %

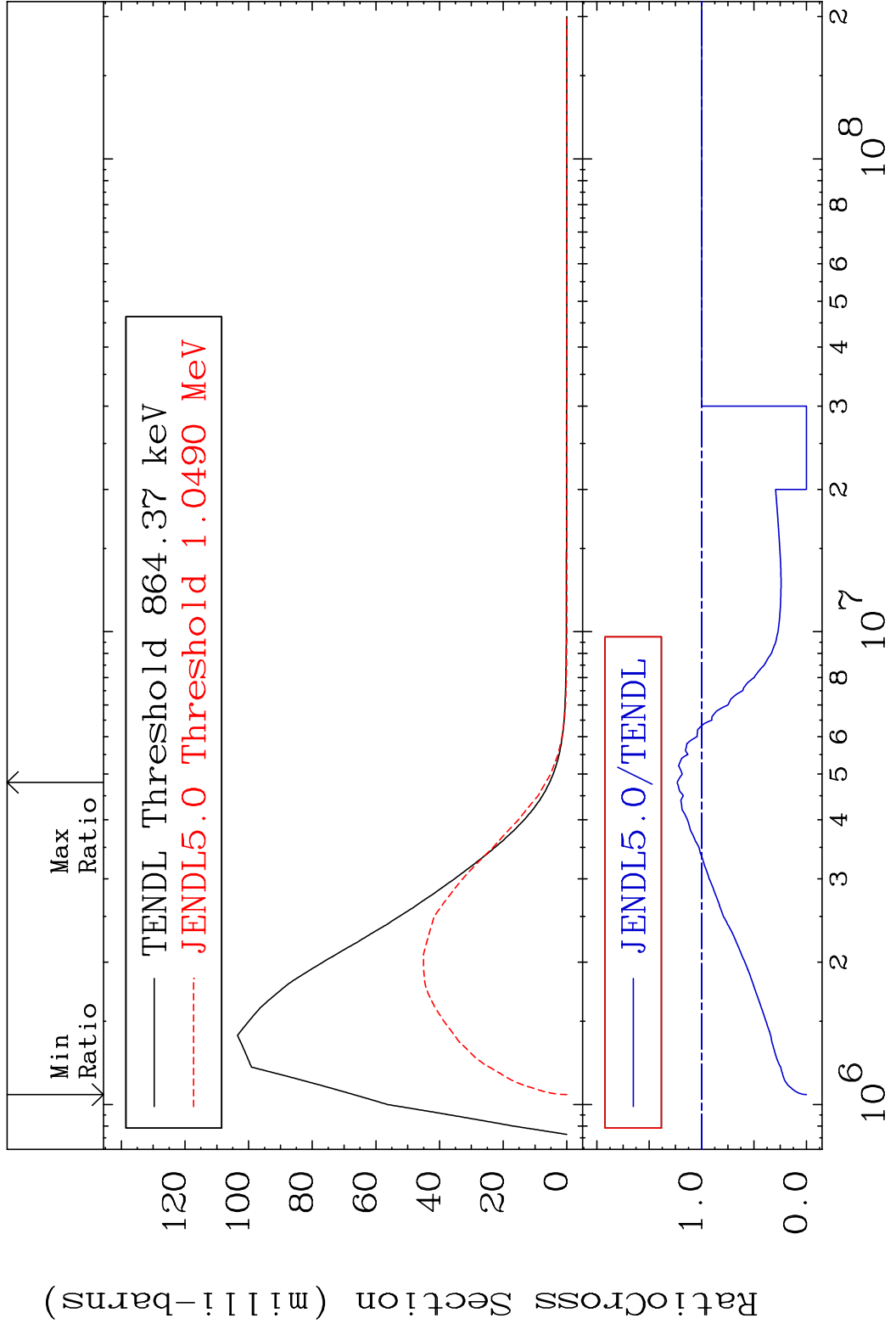


20 Incident Energy (eV) 37-Rb-83

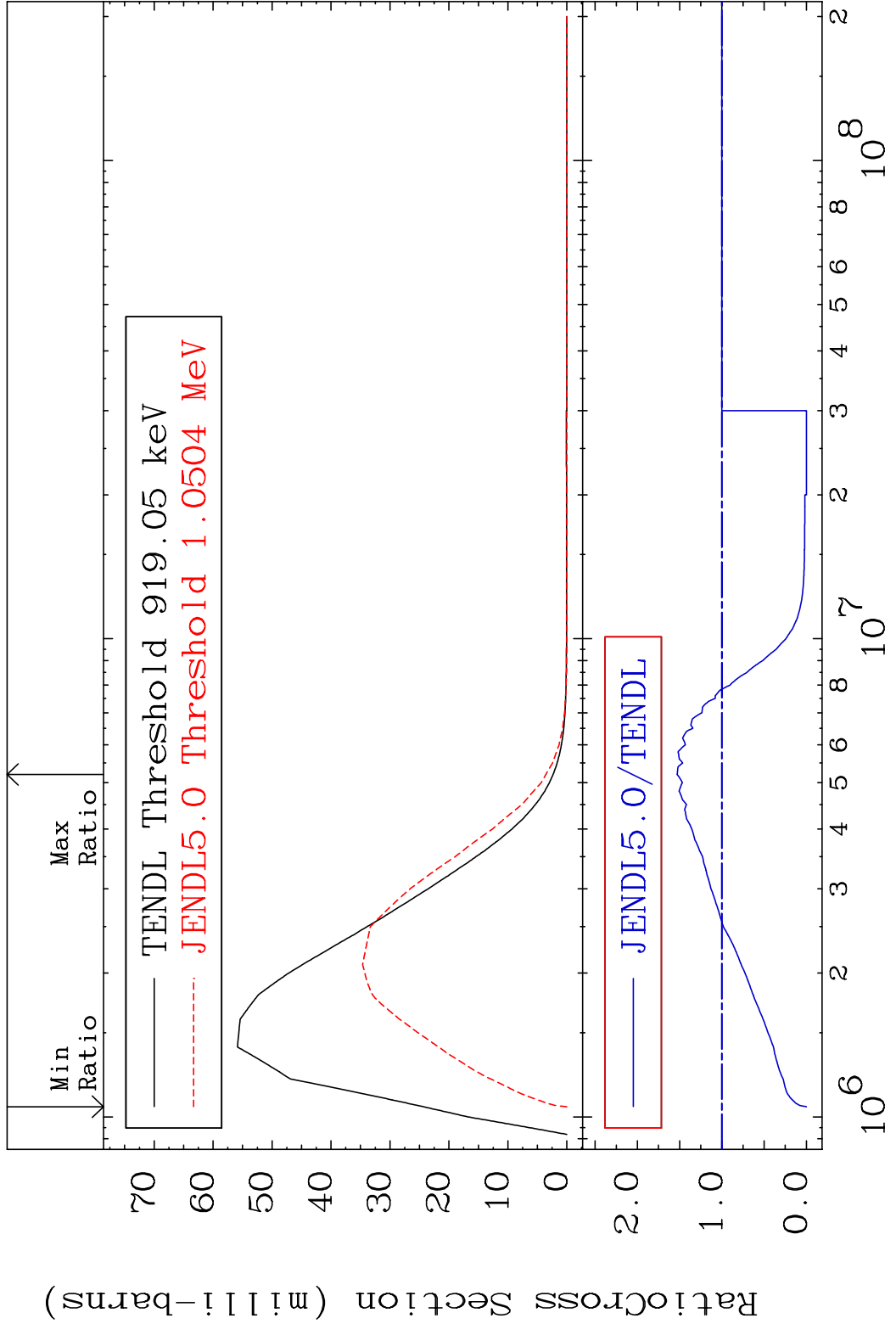
MAT 3719 MT= 62 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 83.50 %



MAT 3719 MT= 63 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 23.32 %



MAT 3719 MT= 64 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 52.90 %

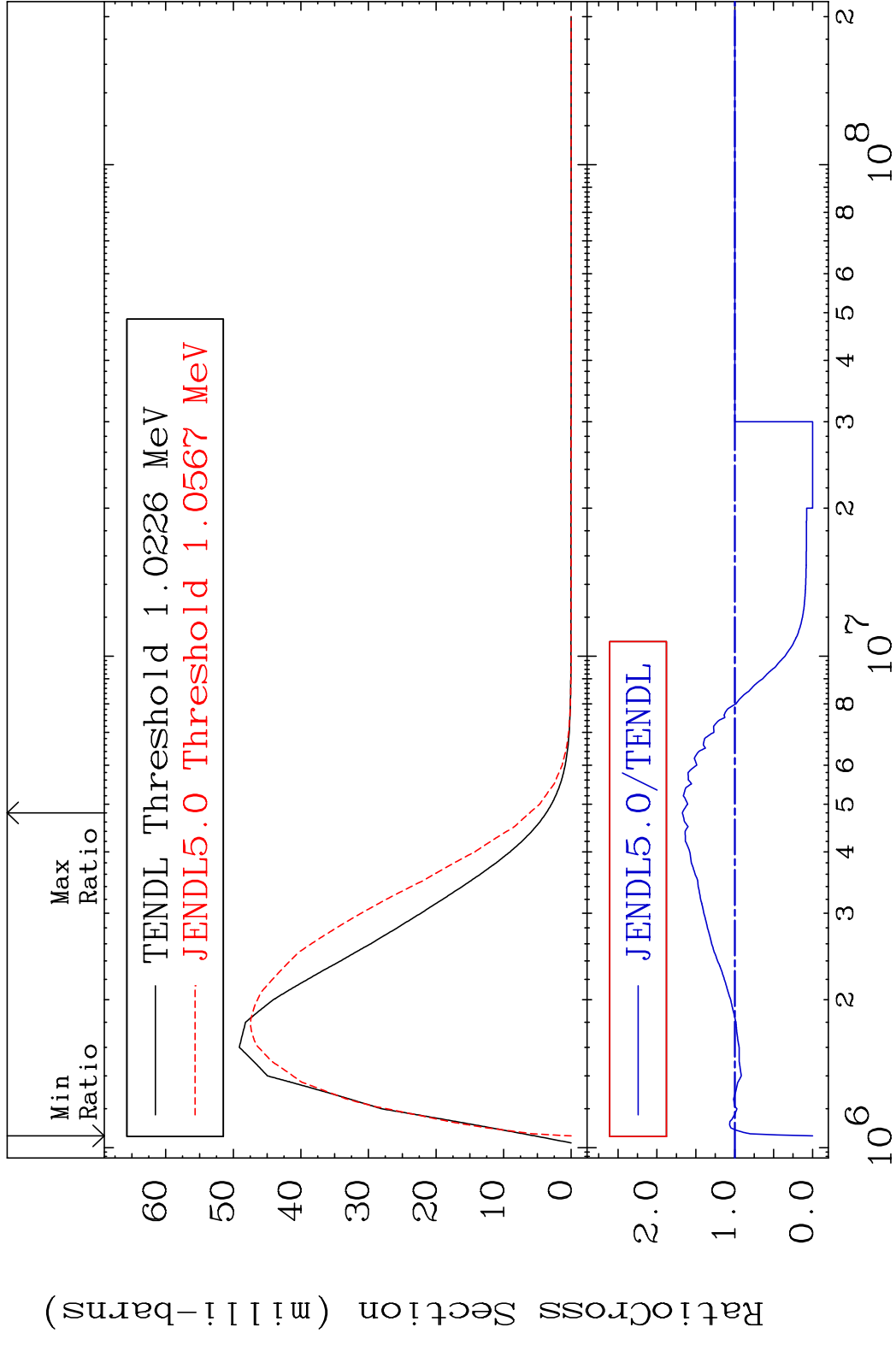


MAT 3719

MT= 65 (n, n') Level

37-Rb-83

Cross Section -100.0 To 67.34 %

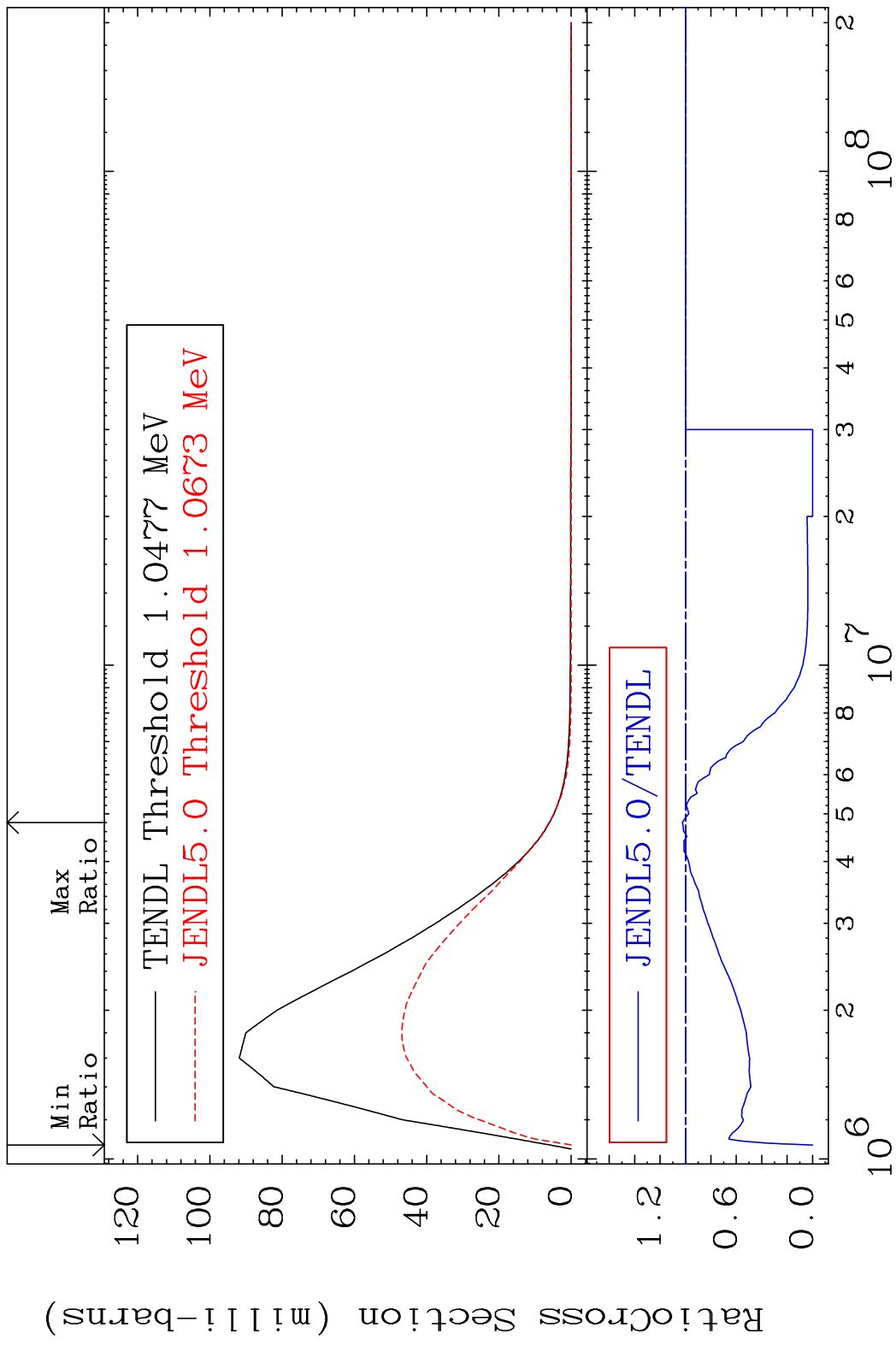


24

Incident Energy (eV)

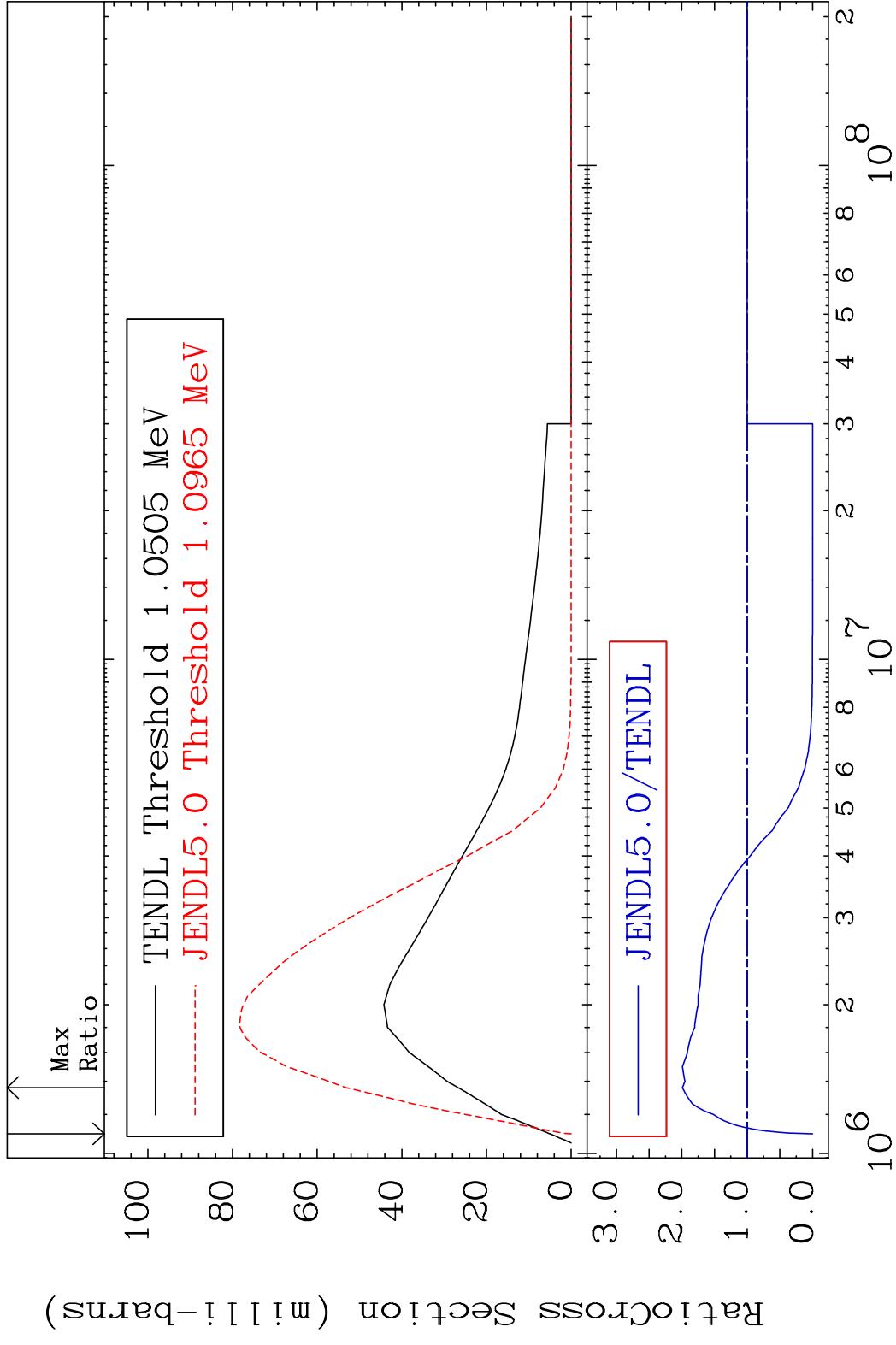
37-Rb-83

MAT 3719 MT= 66 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 2.475 %



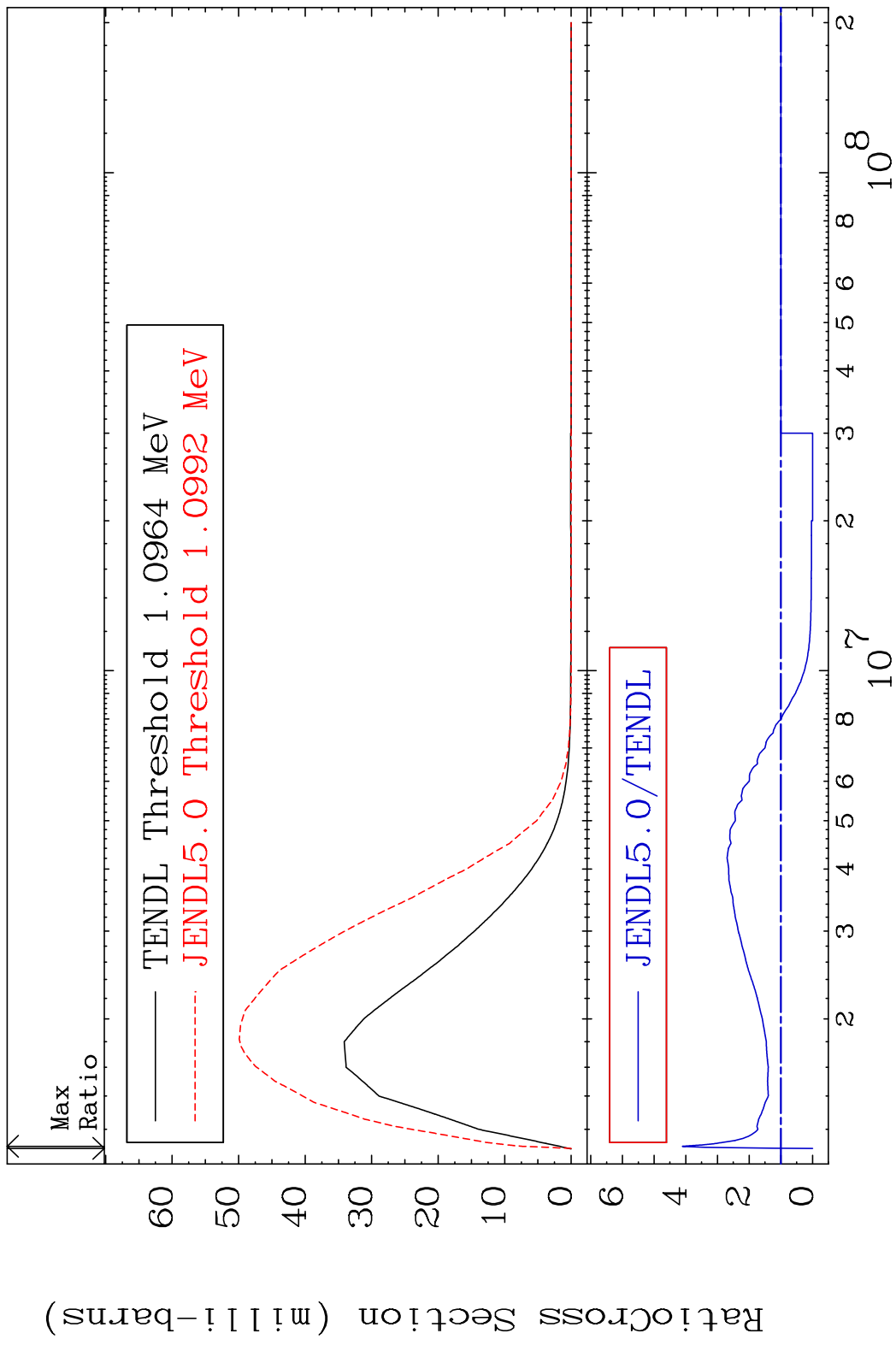
25 Incident Energy (eV) 37-Rb-83

MAT 3719 MT= 67 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 99.18 %

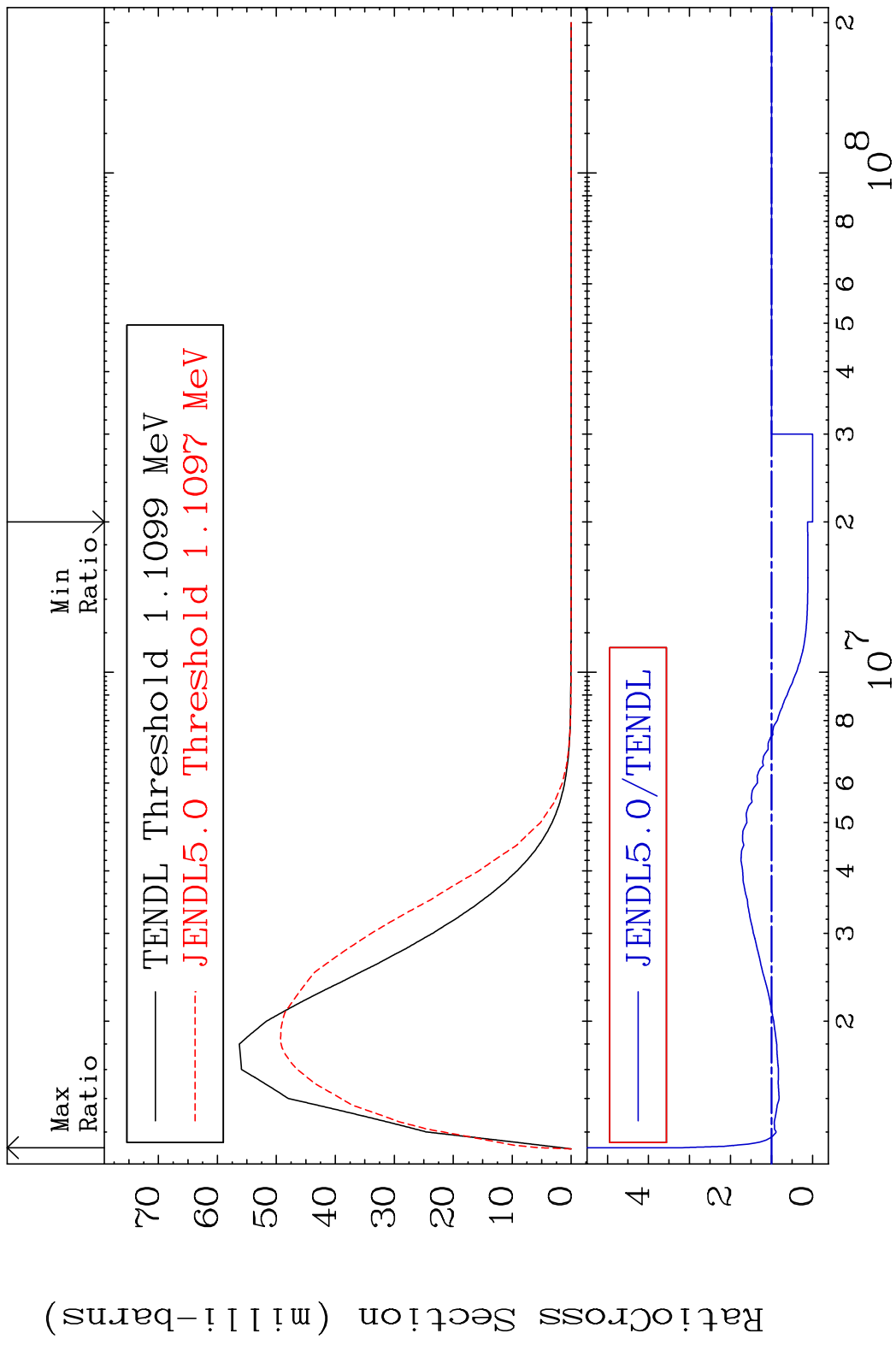


26 Incident Energy (eV) 37-Rb-83

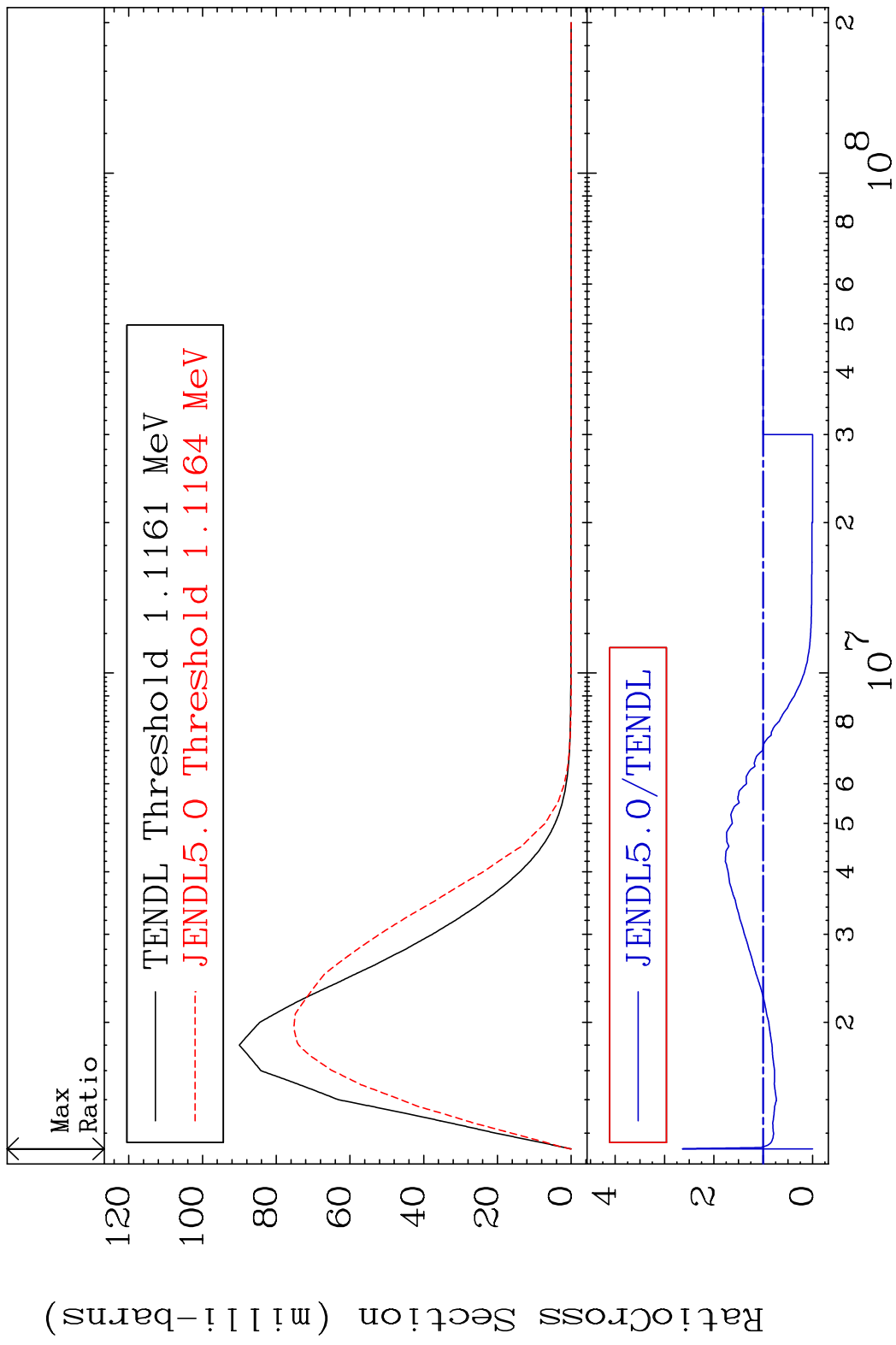
MAT 3719 MT= 68 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 310.9 %



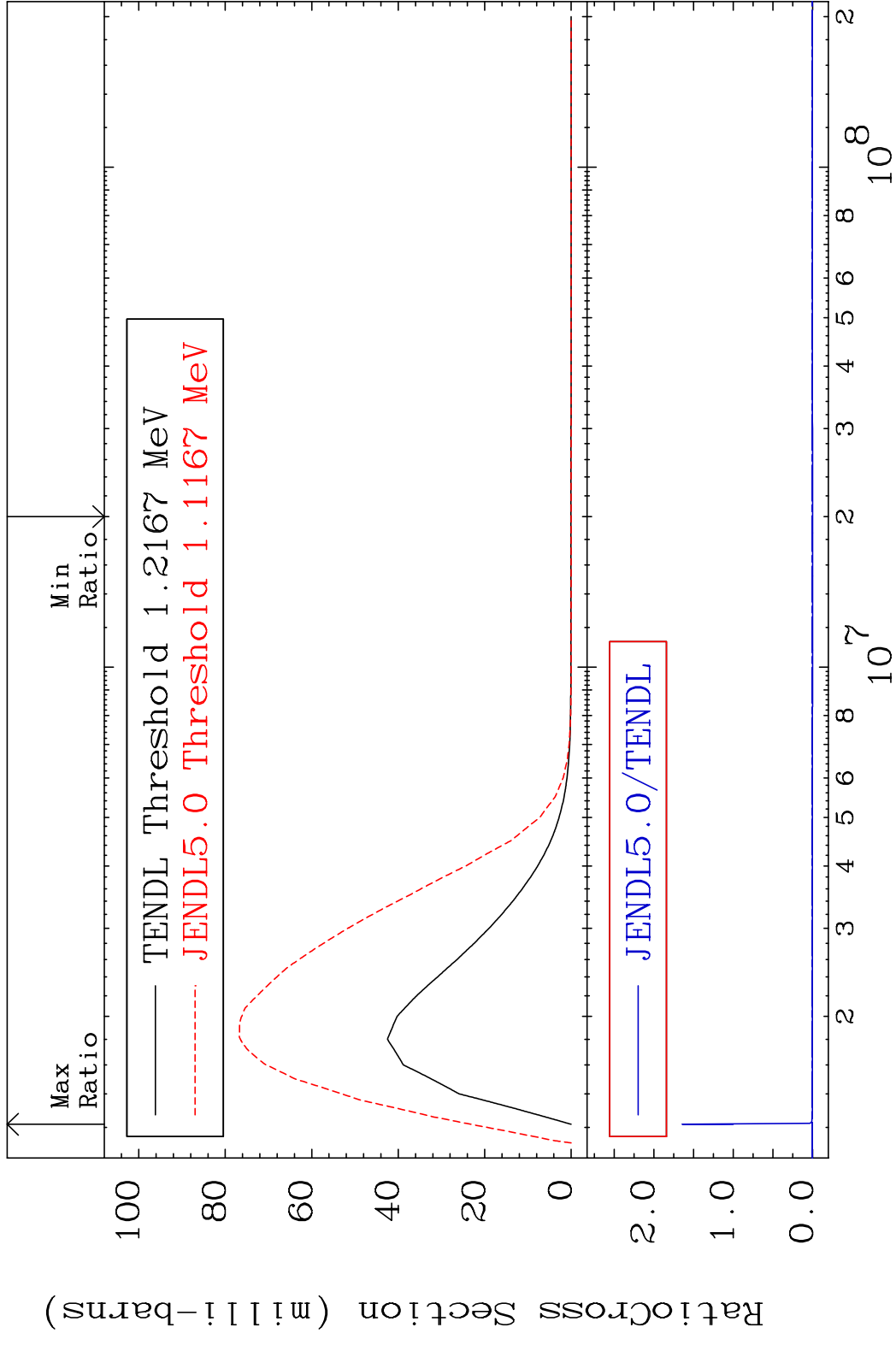
MAT 3719 MT= 69 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 217.4 %



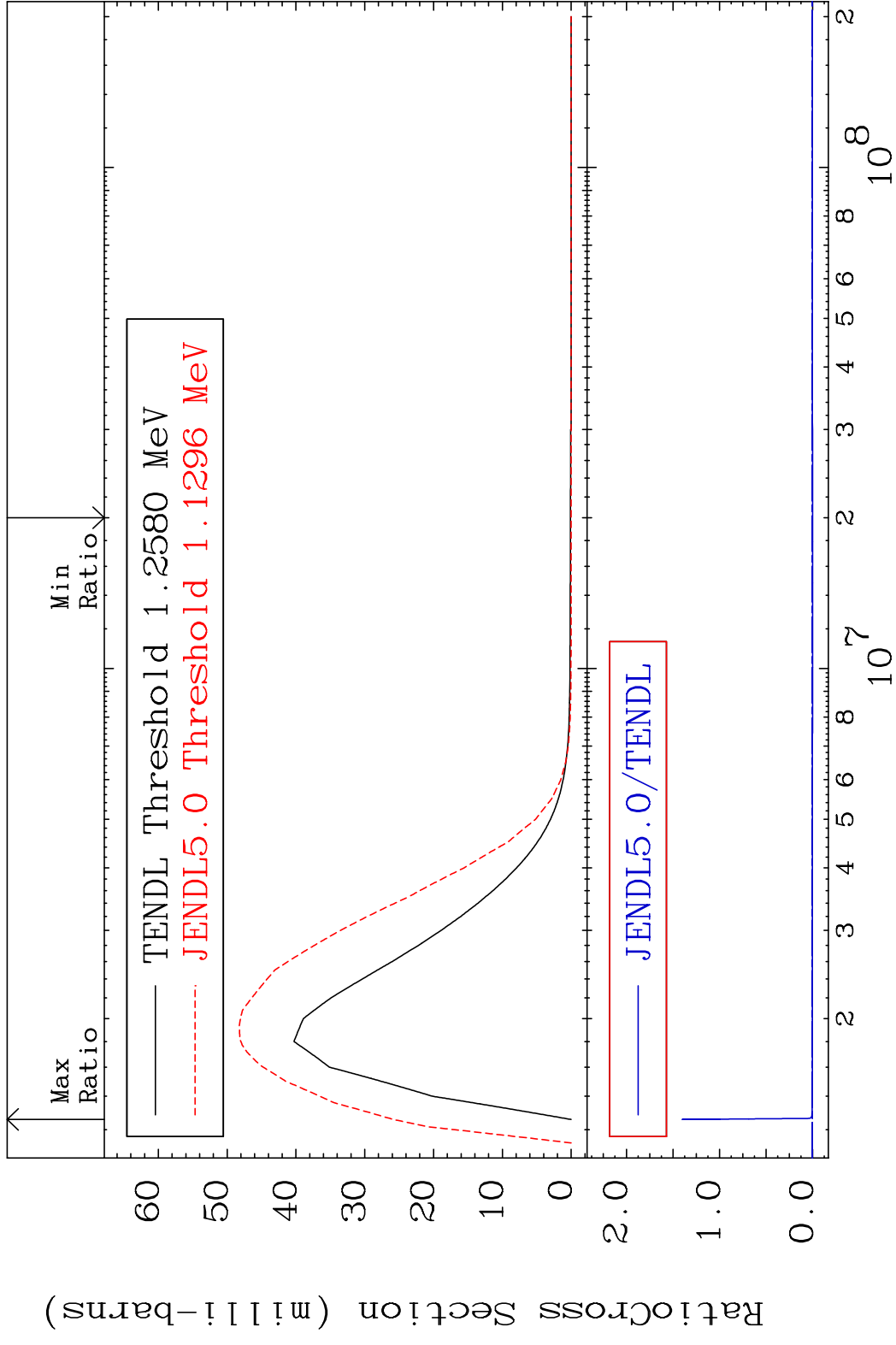
MAT 3719 MT= 70 (n,n') Level 37-Rb-83
 Cross Section -100.0 To 163.9 %



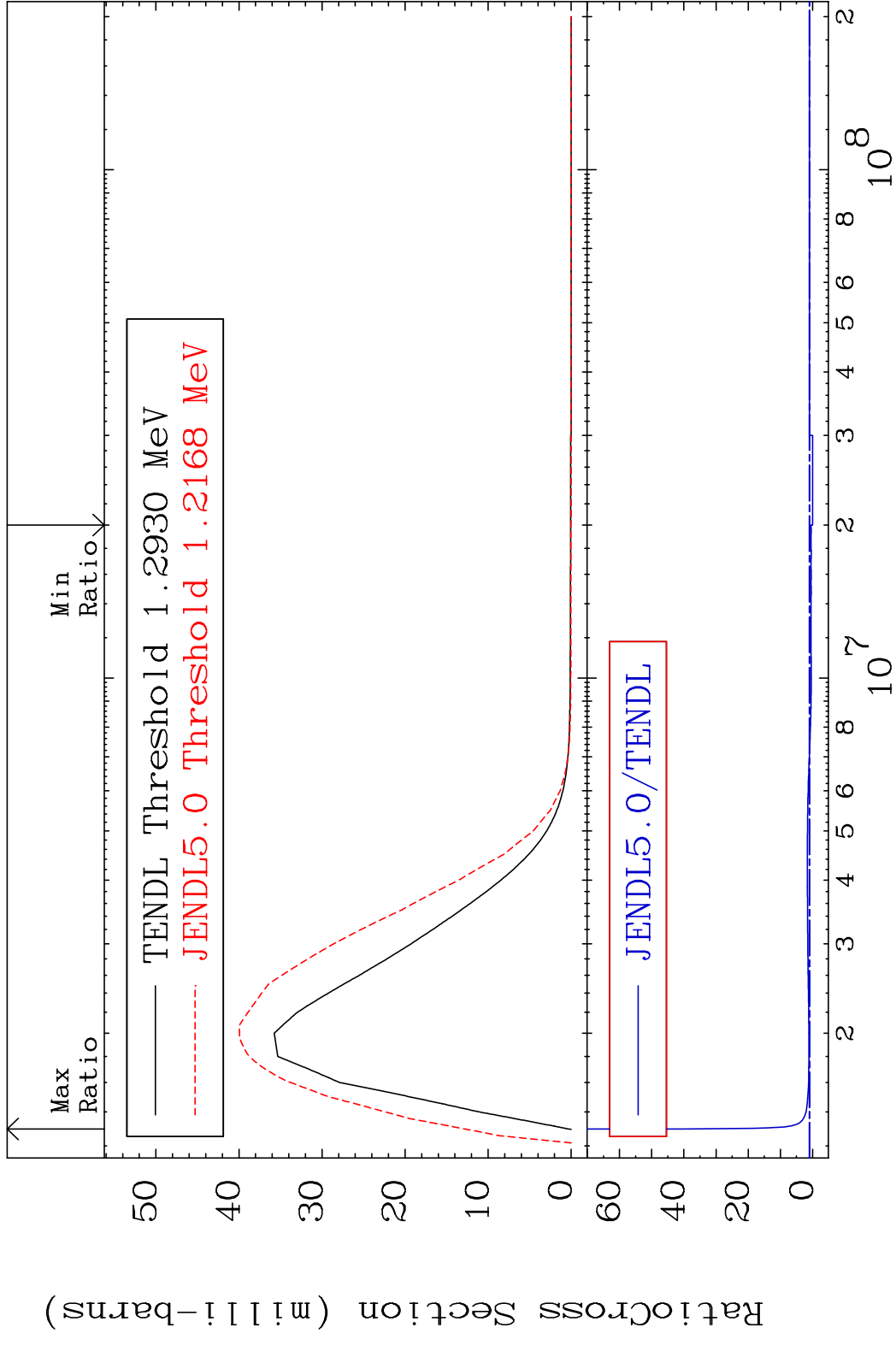
MAT 3719 MT= 71 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 9999. %



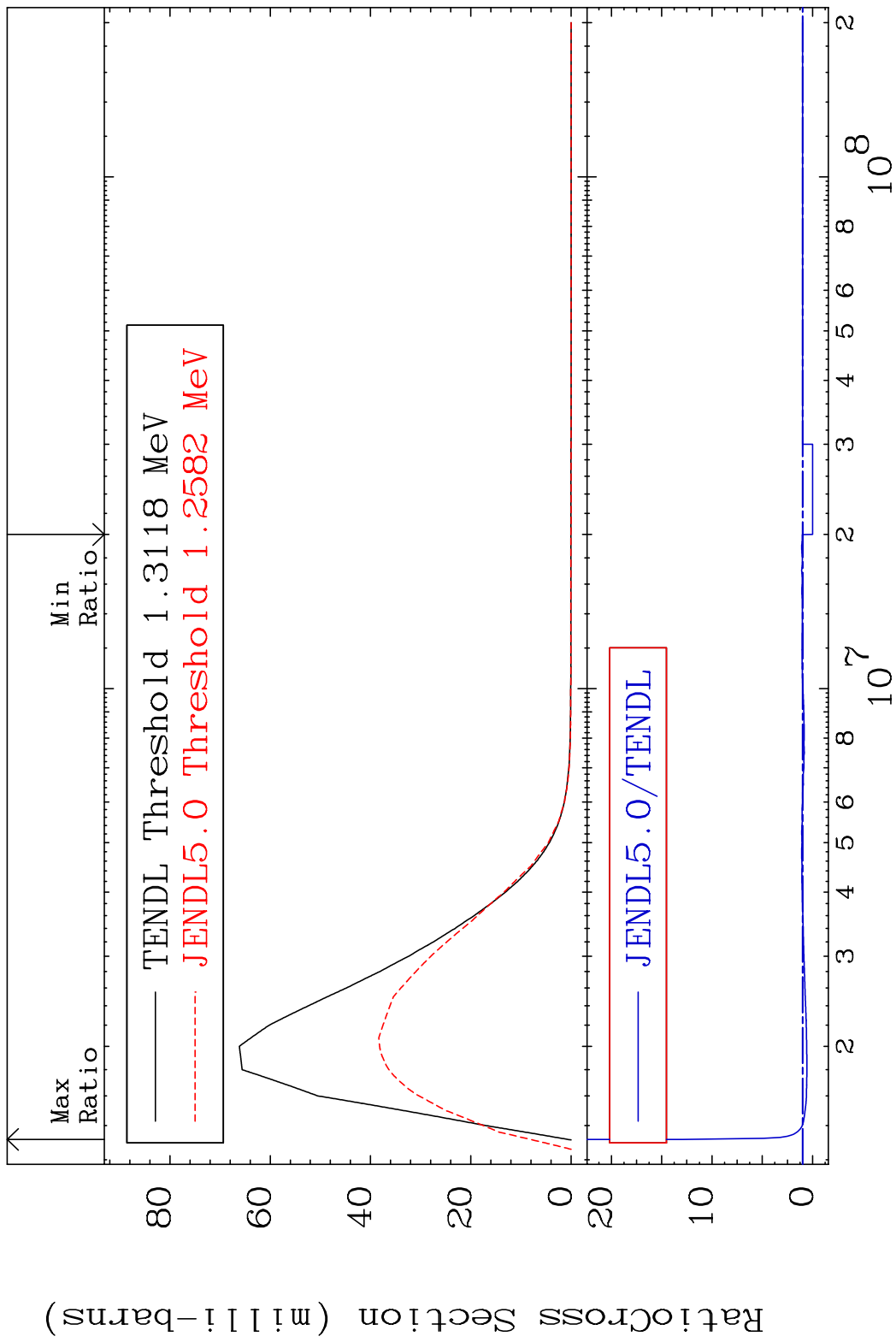
MAT 3719 MT= 72 (n,n') Level 37-Rb-83
 Cross Section -100.0 To 9999. %



MAT 3719 MT= 73 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 3947. %

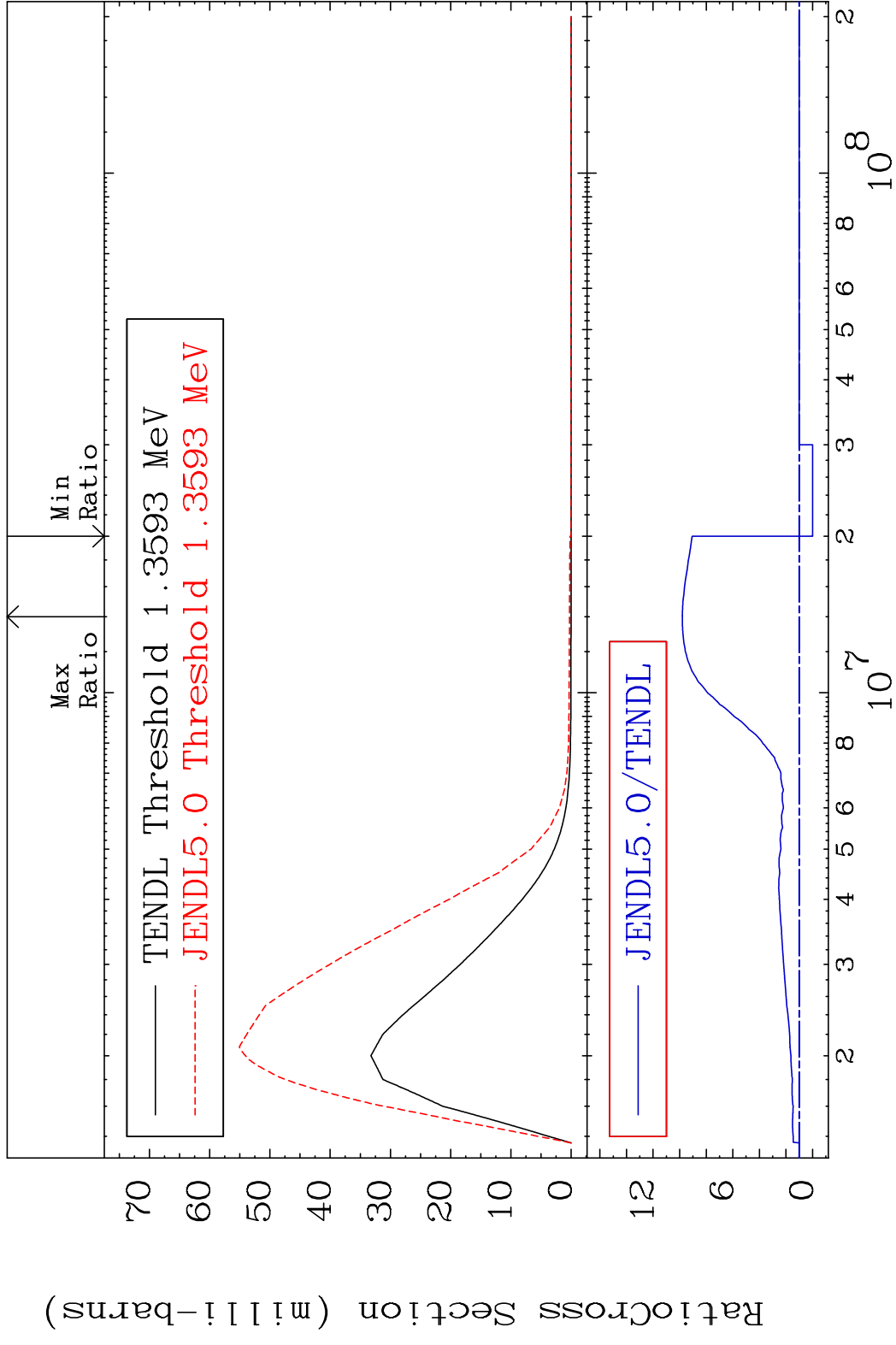


MAT 3719 MT= 74 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 1194. %

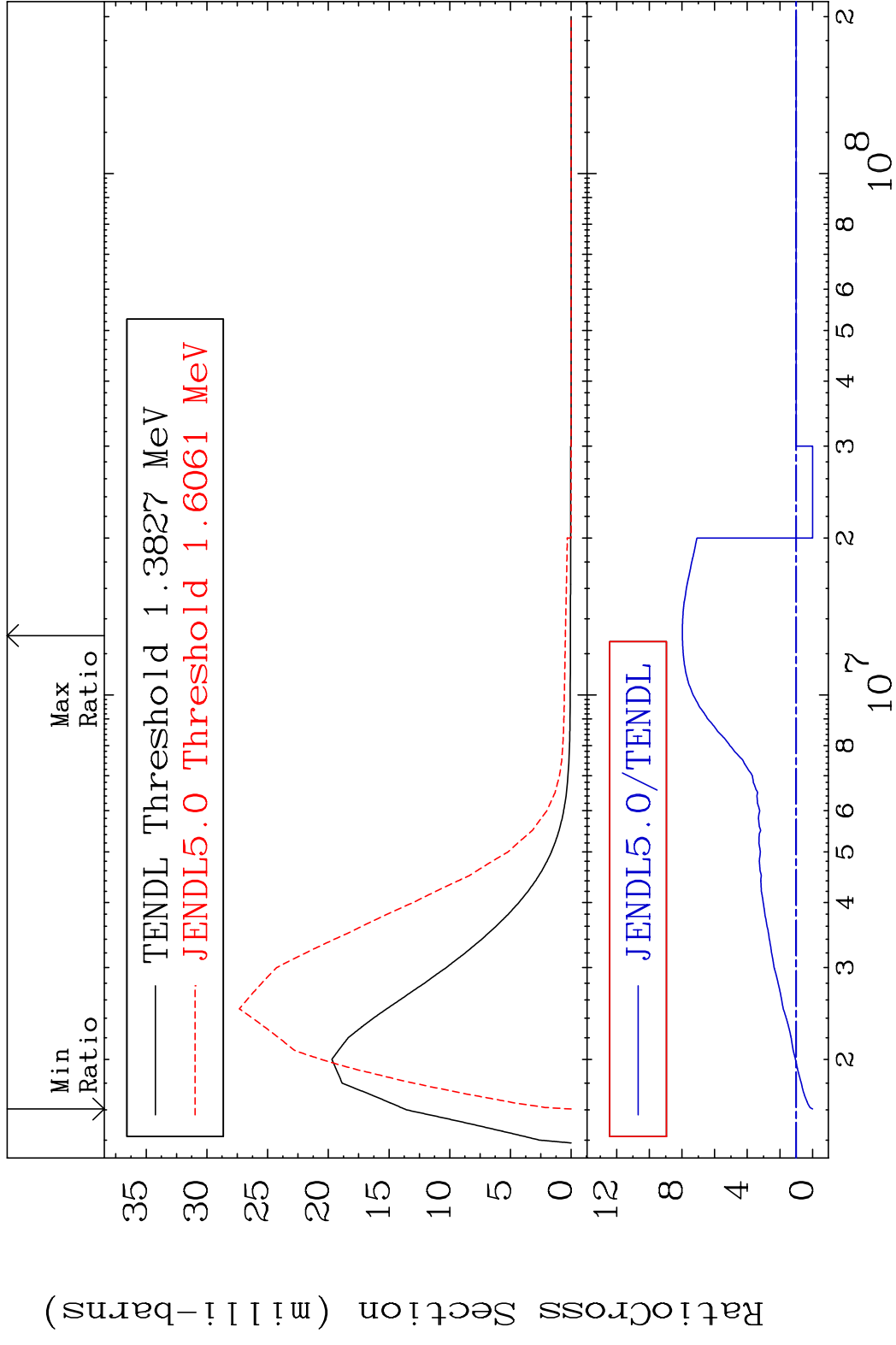


33 Incident Energy (eV) 37-Rb-83

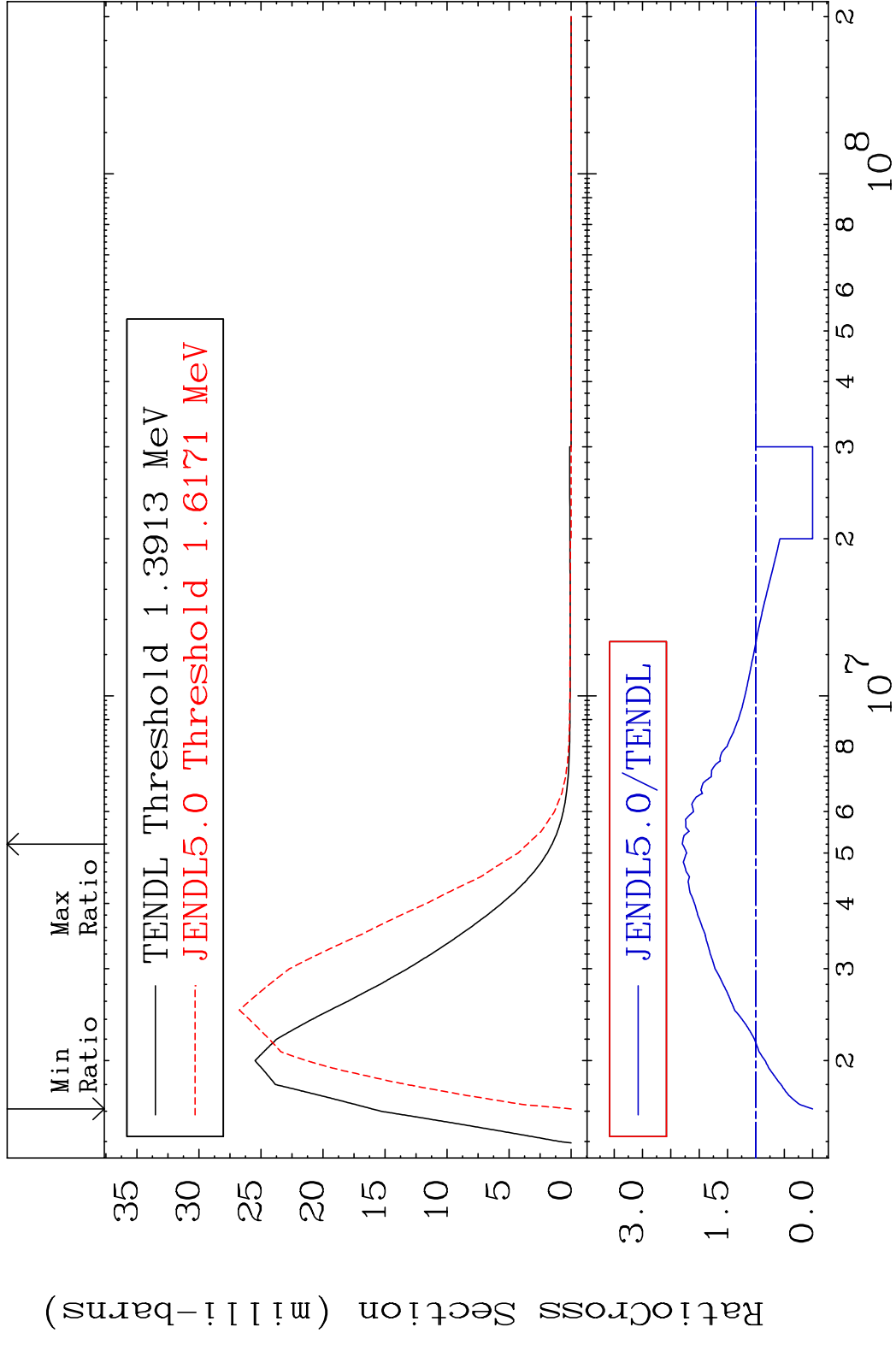
MAT 3719 MT= 75 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 879.6 %



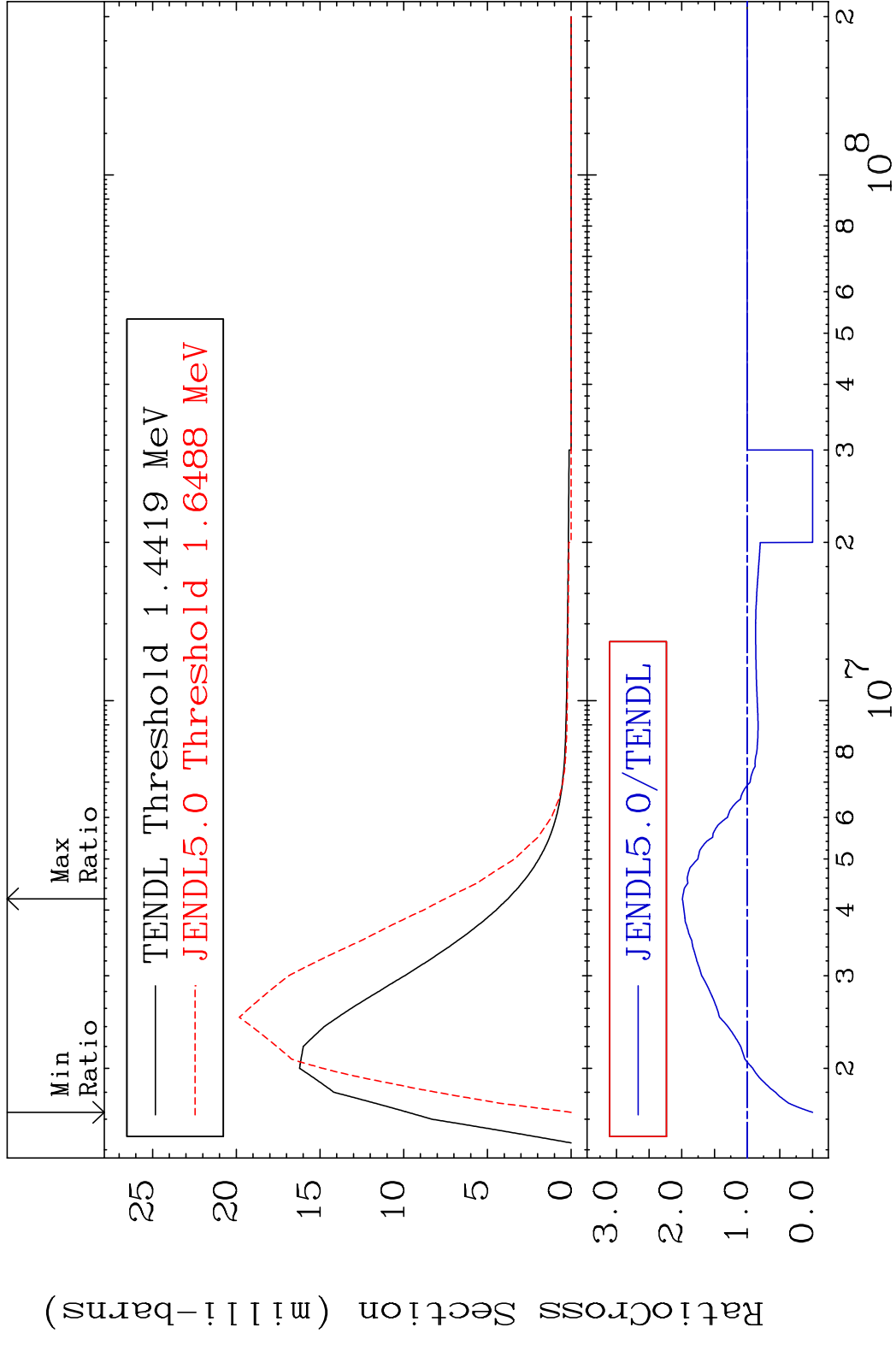
MAT 3719 MT= 76 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 697.6 %



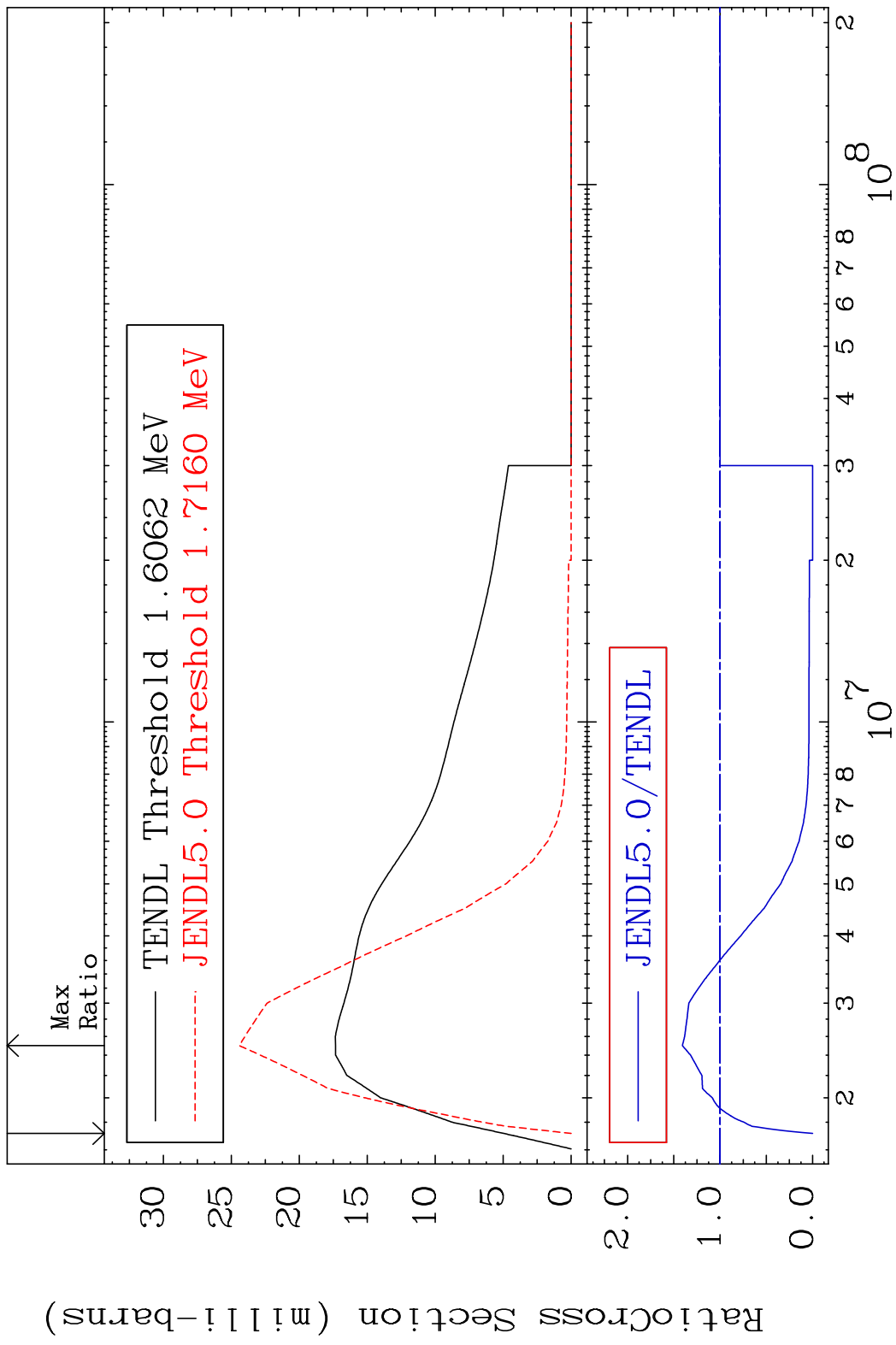
MAT 3719 MT= 77 (n,n') Level 37-Rb-83
 Cross Section -100.0 To 129.7 %



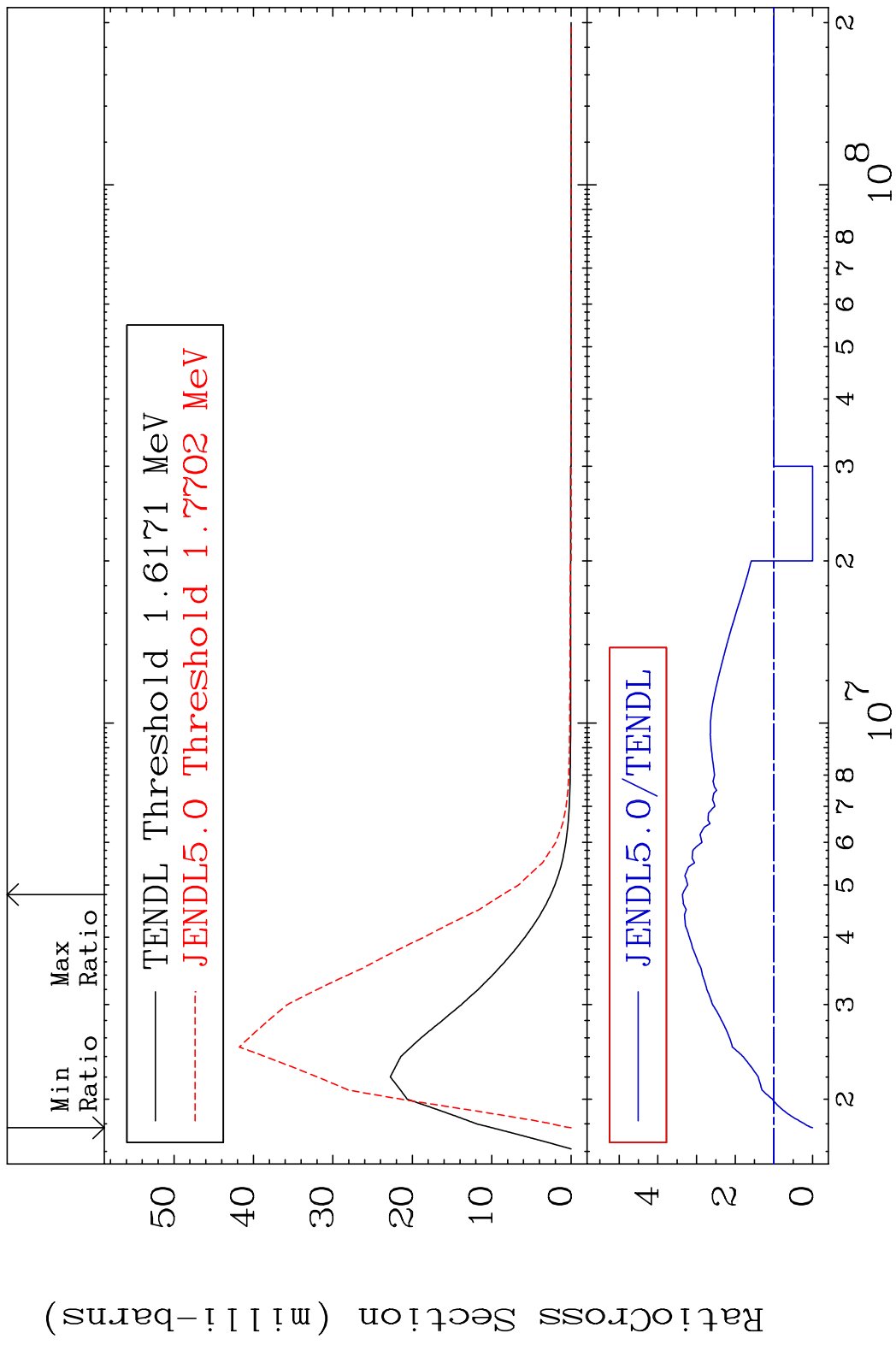
MAT 3719 MT= 78 (n,n') Level 37-Rb-83
 Cross Section -100.0 To 99.12 %



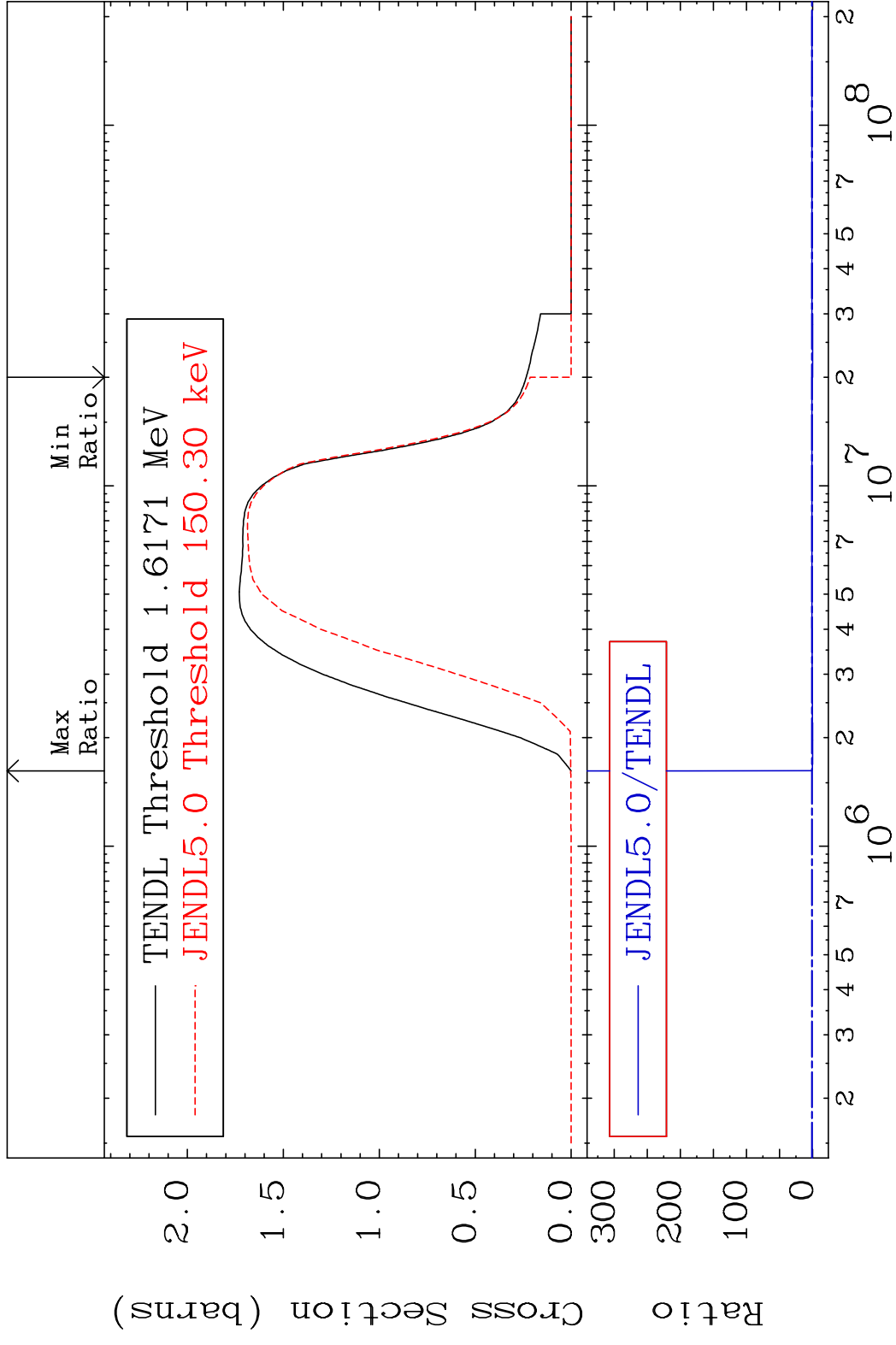
MAT 3719 MT= 79 (n, n') Level 37-Rb-83
 Cross Section -100.0 To 40.78 %



MAT 3719 MT= 80 (n,n') Level 37-Rb-83
 Cross Section -100.0 To 236.6 %



MAT 3719 (n, n') Continuum 37-Rb-83
 Cross Section -100.0 To 9999. %

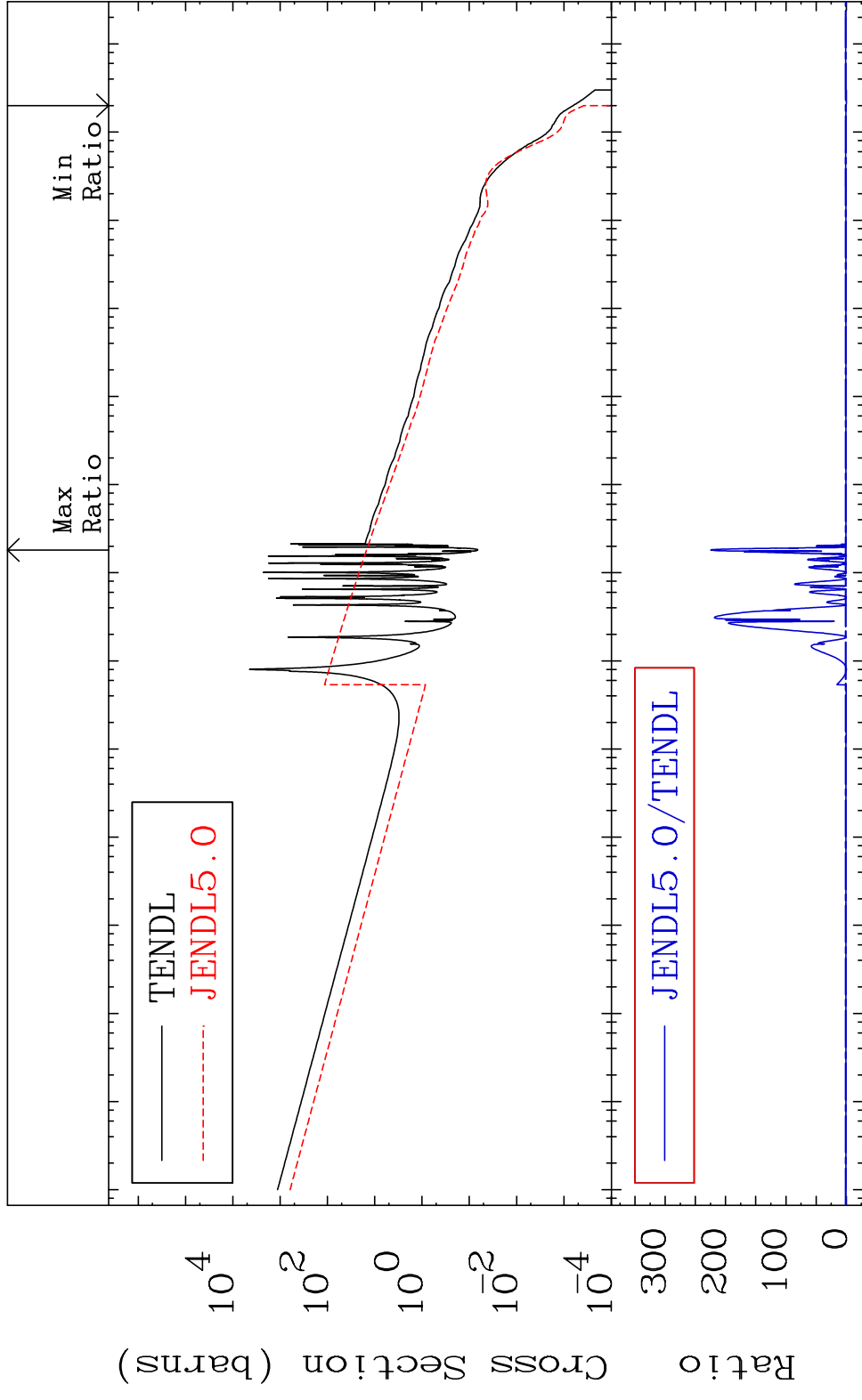


MAT 3719

37-Rb-83

(n, γ)

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

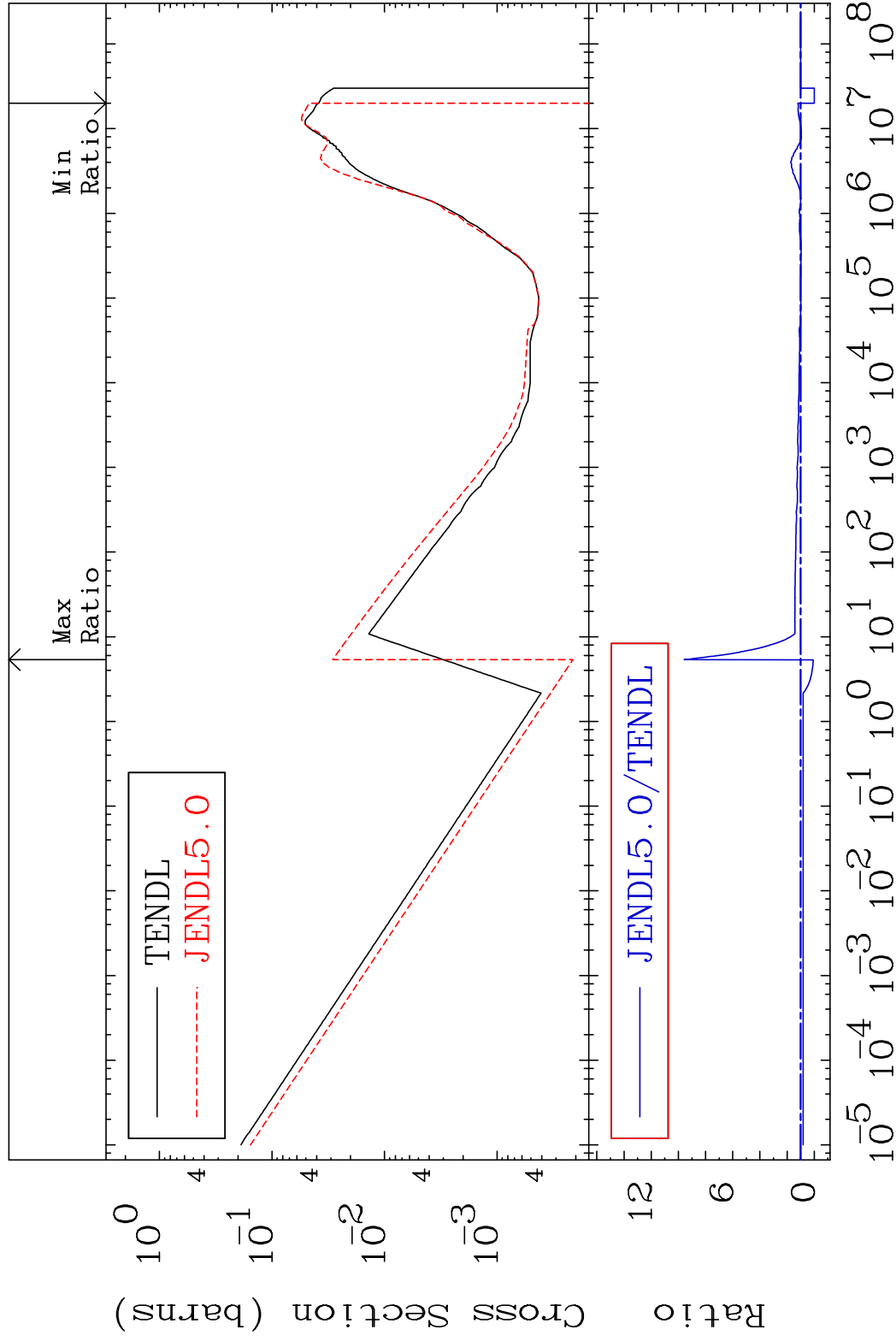
37-Rb-83

MAT 3719

(n, p)

37-Rb-83

Cross Section -100.0 To 858.2 %



42

Incident Energy (eV)

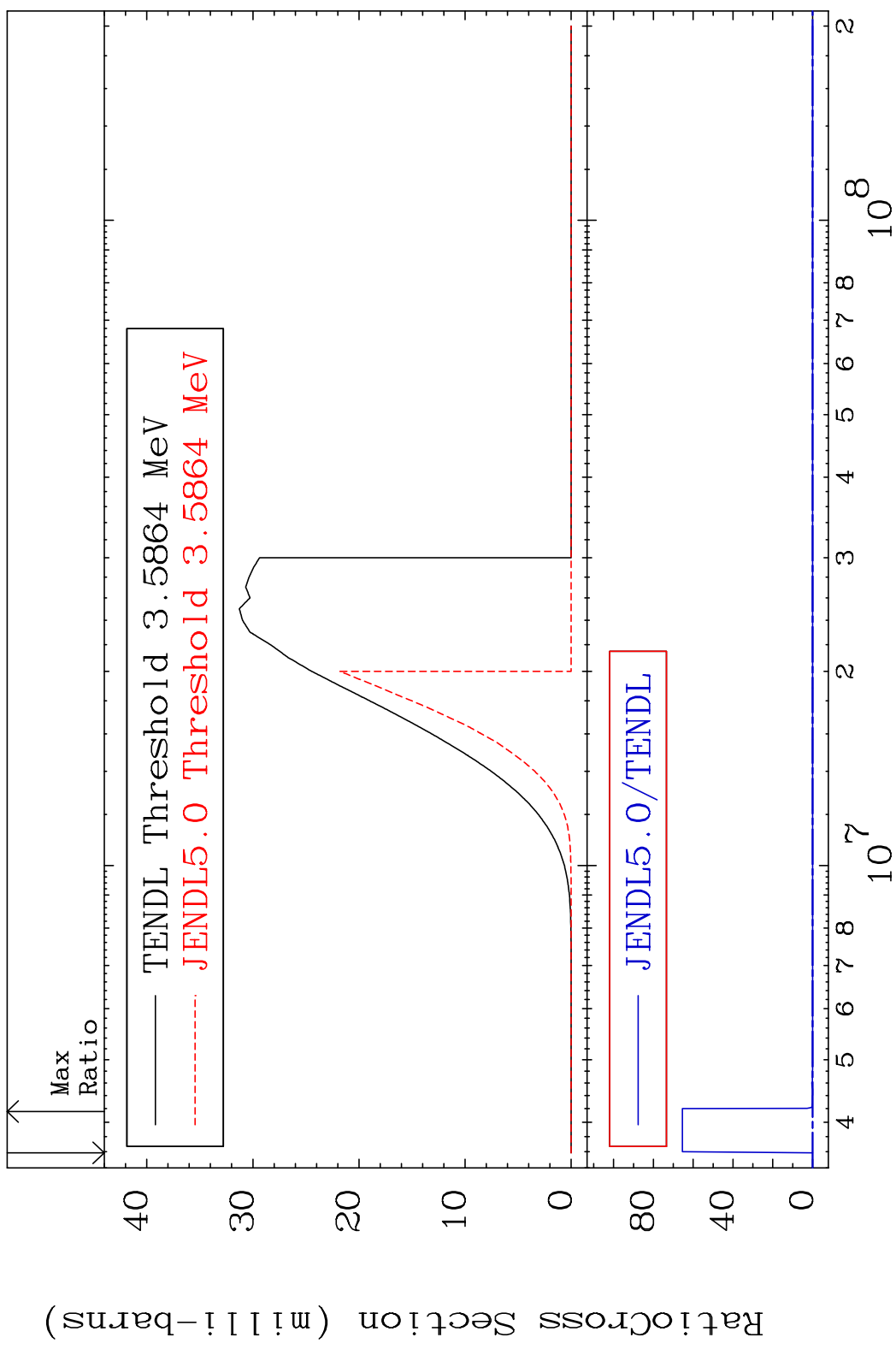
37-Rb-83

MAT 3719

(n,d)

37-Rb-83

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

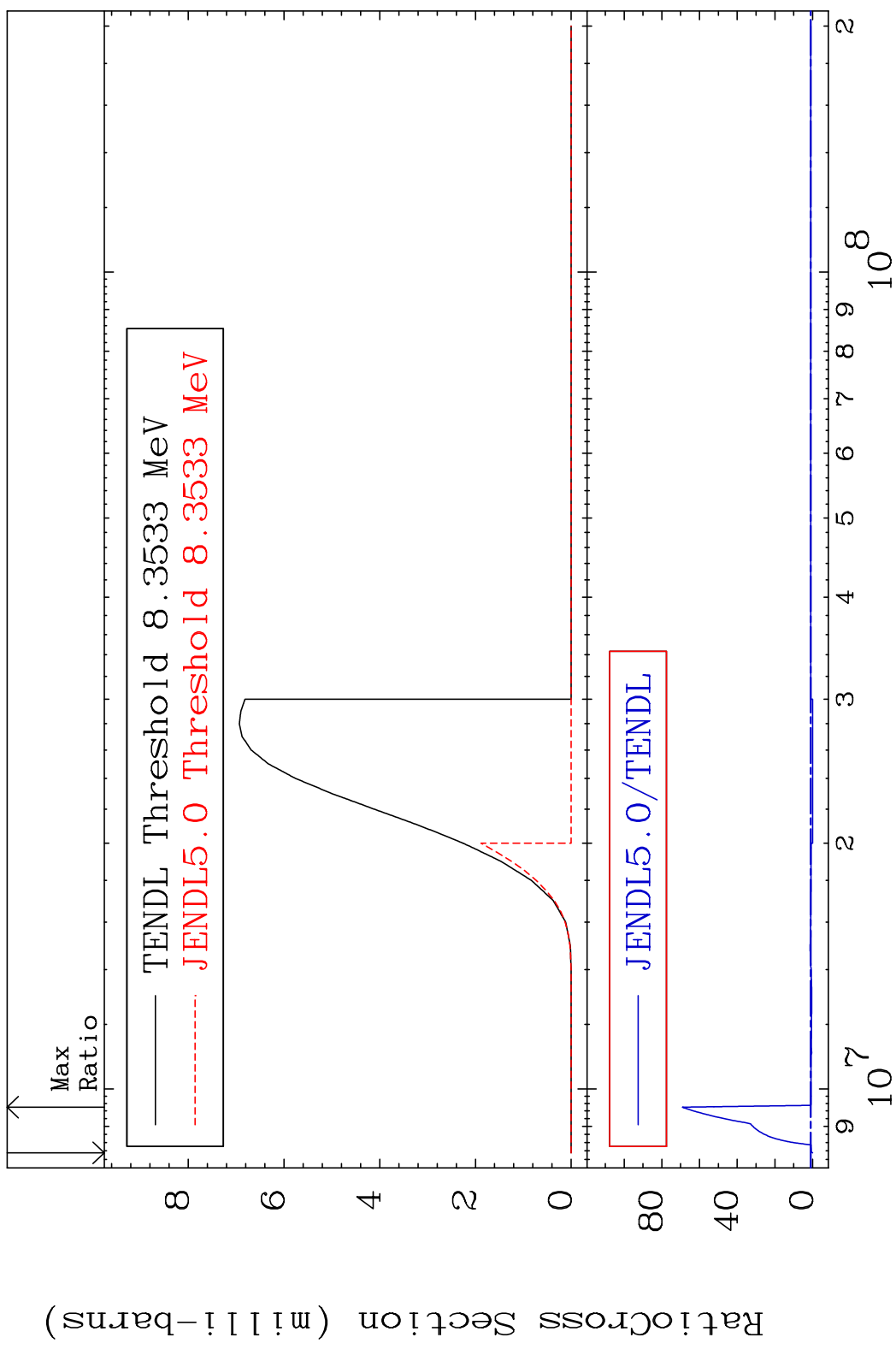
37-Rb-83

MAT 3719

(n, t)

37-Rb-83

Cross Section -100.0 To 6811. %



44

Incident Energy (eV)

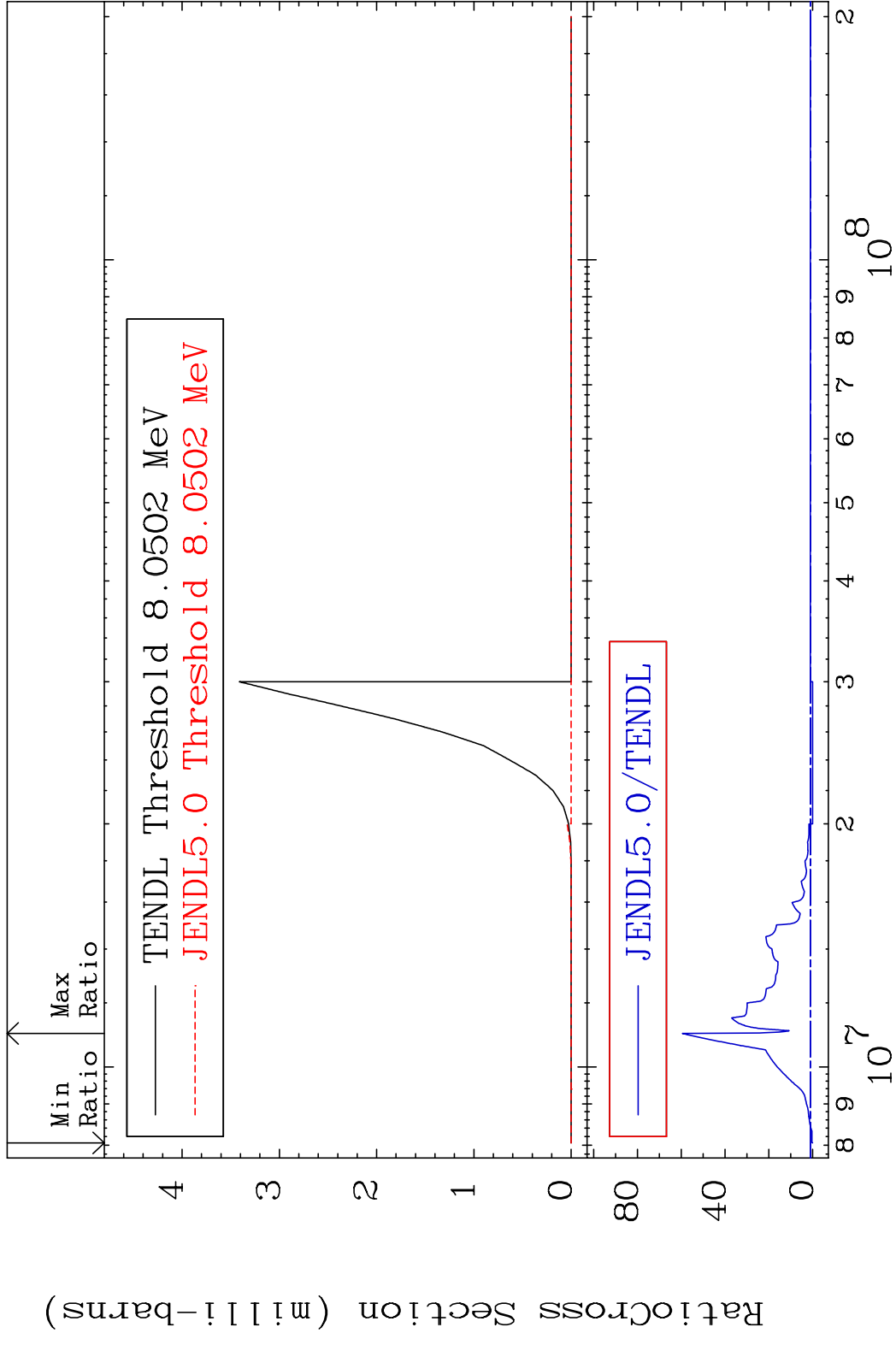
37-Rb-83

MAT 3719

(n, He-3)

37-Rb-83

Cross Section -100.0 To 5851. %



45

Incident Energy (eV)

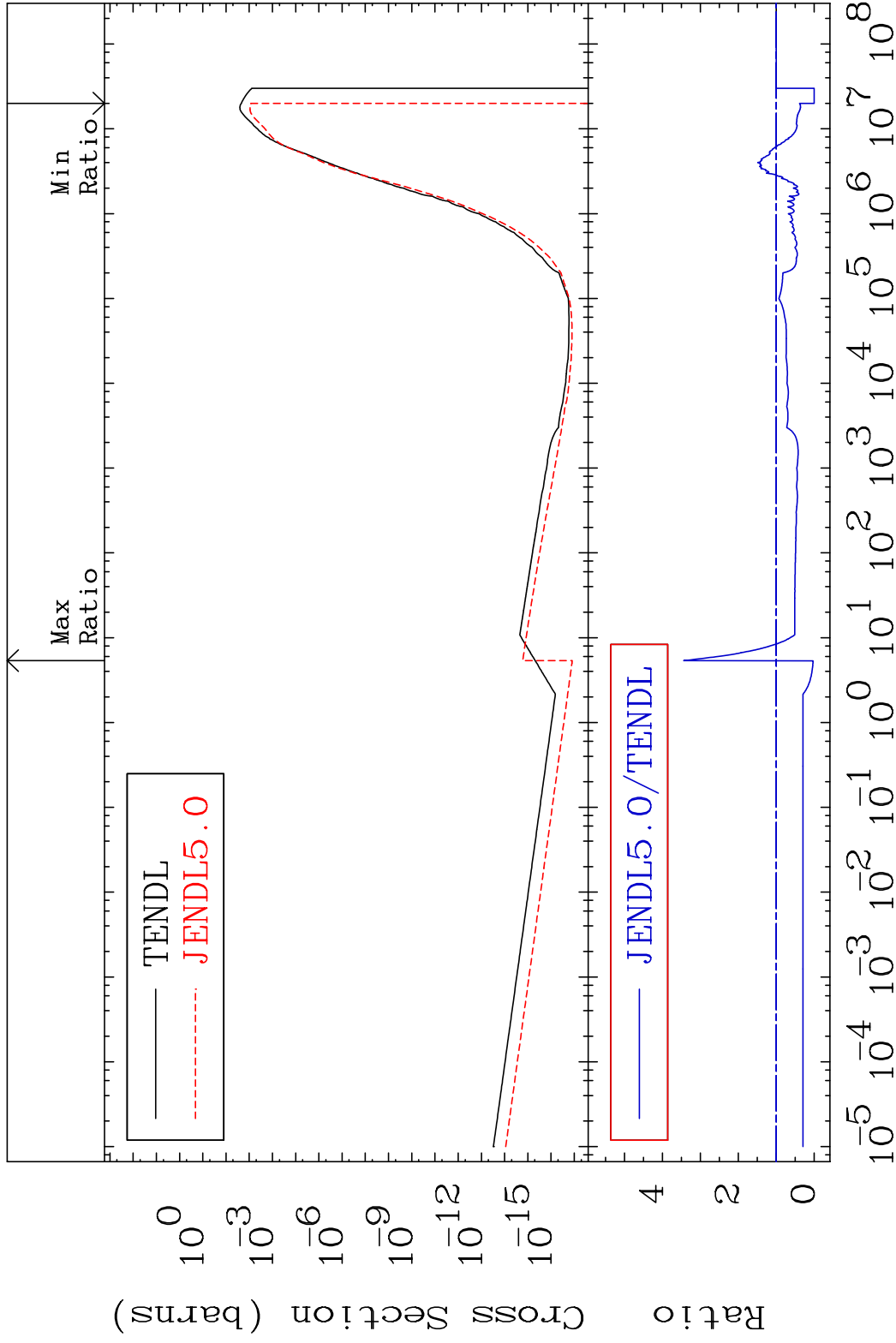
37-Rb-83

MAT 3719

(n, α)

37-Rb-83

Cross Section -100.0 To 243.9 %



46

Incident Energy (eV)

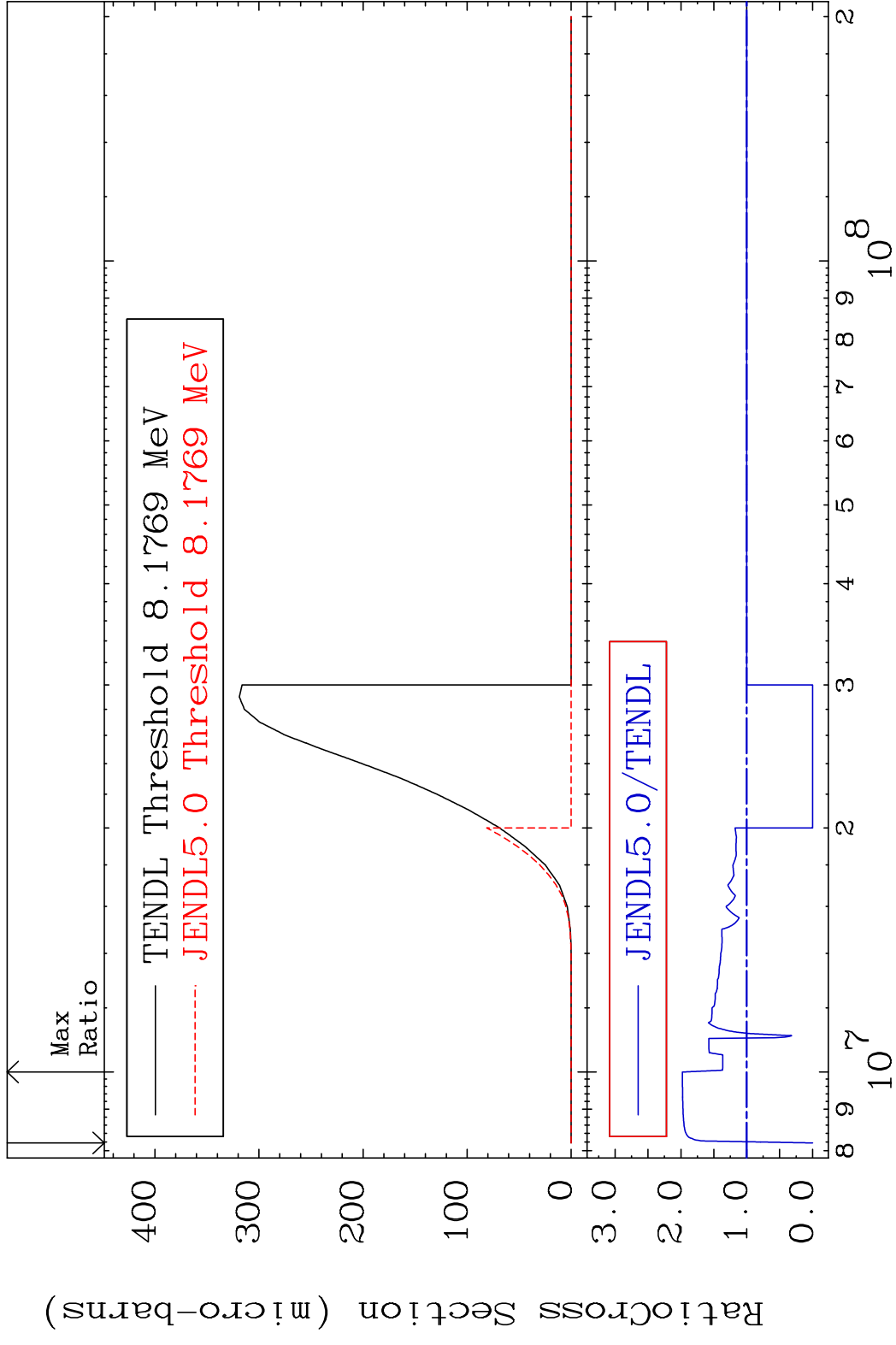
37-Rb-83

MAT 3719

(n,2p)

37-Rb-83

Cross Section -100.0 To 97.81 %

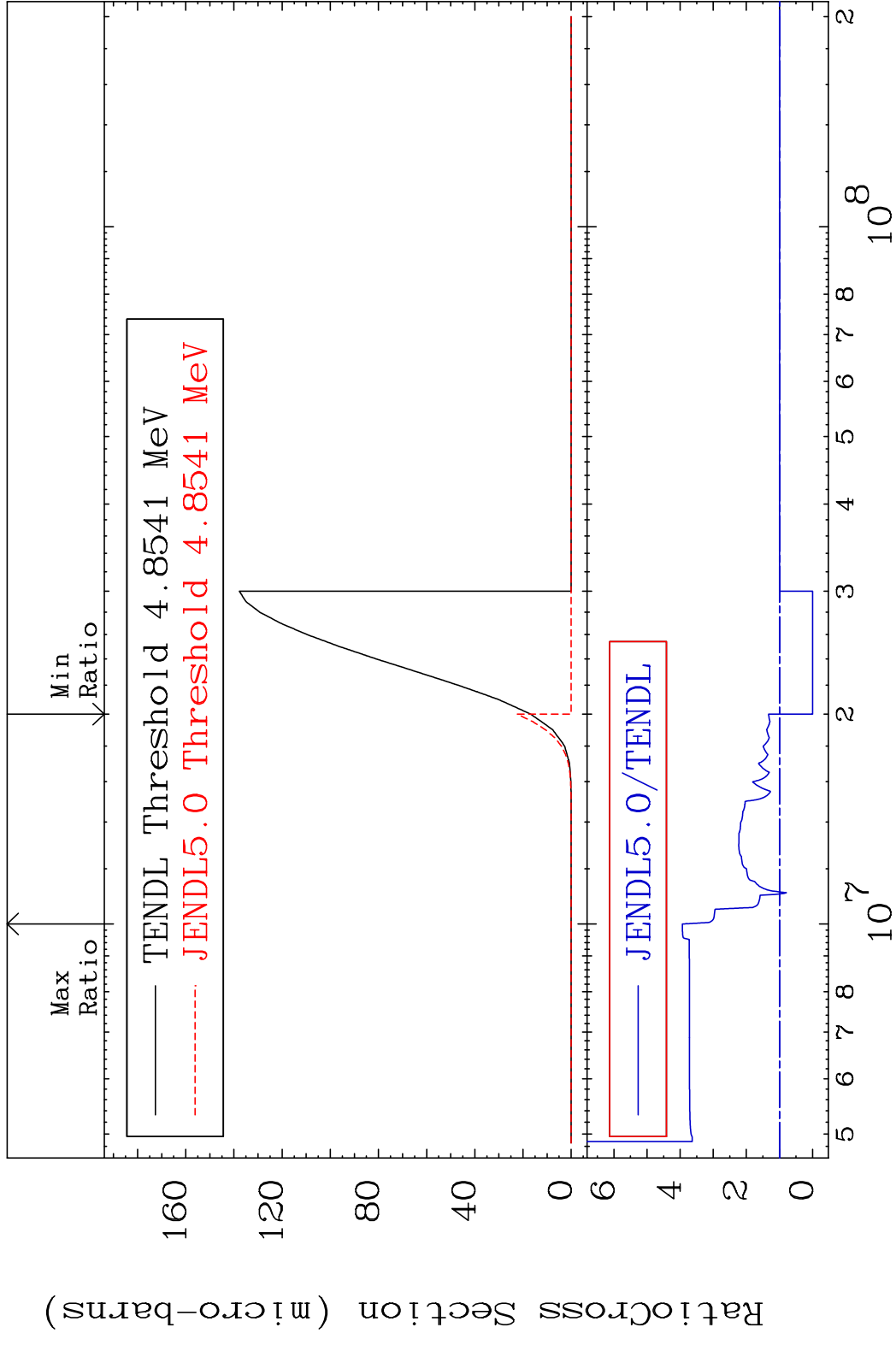


MAT 3719

(n,p) α

37-Rb-83

Cross Section -100.0 To 293.3 %



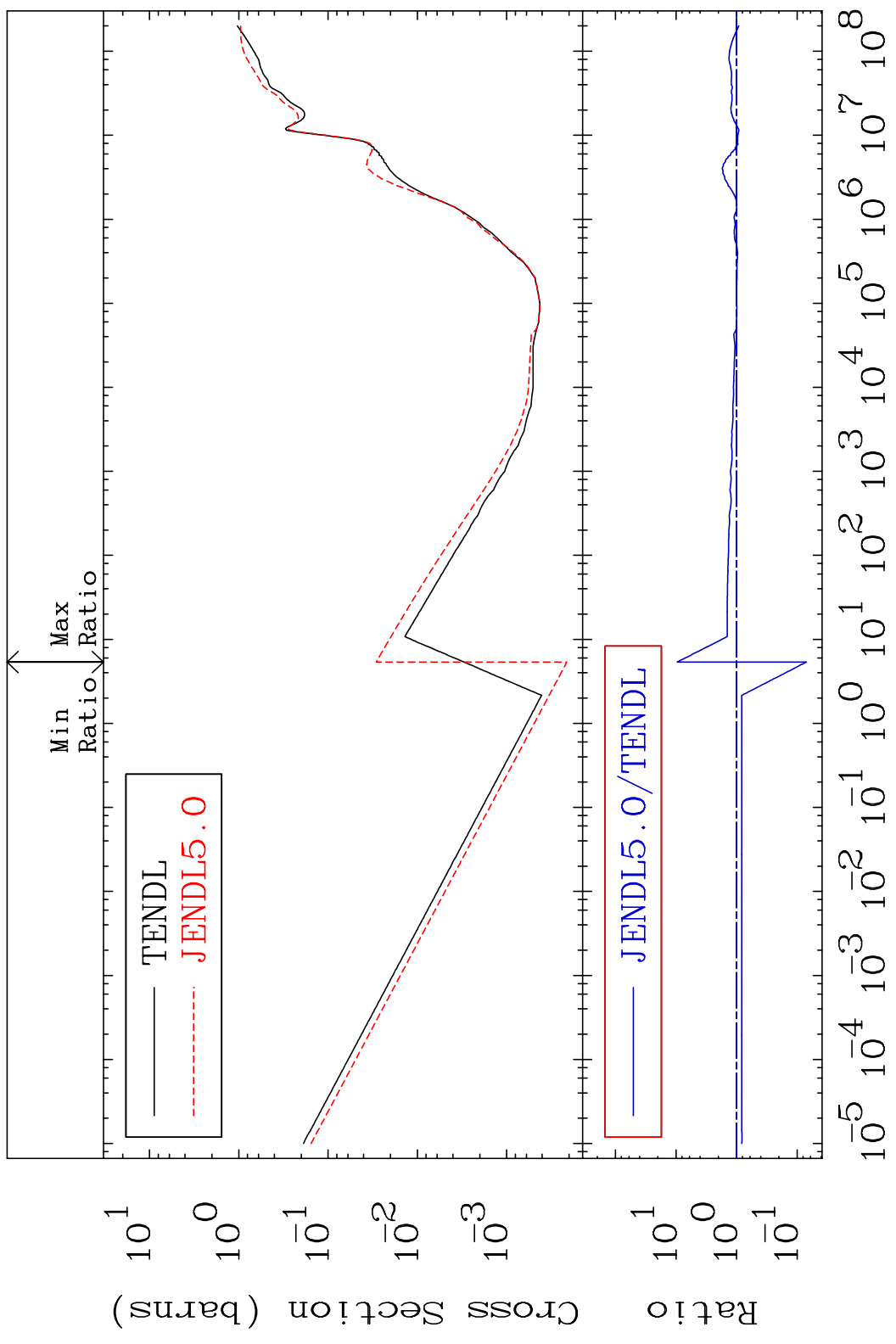
48

Incident Energy (eV)

37-Rb-83

MAT 3719

Hydrogen Production 37-Rb-83
Cross Section -92.97 To 858.2 %

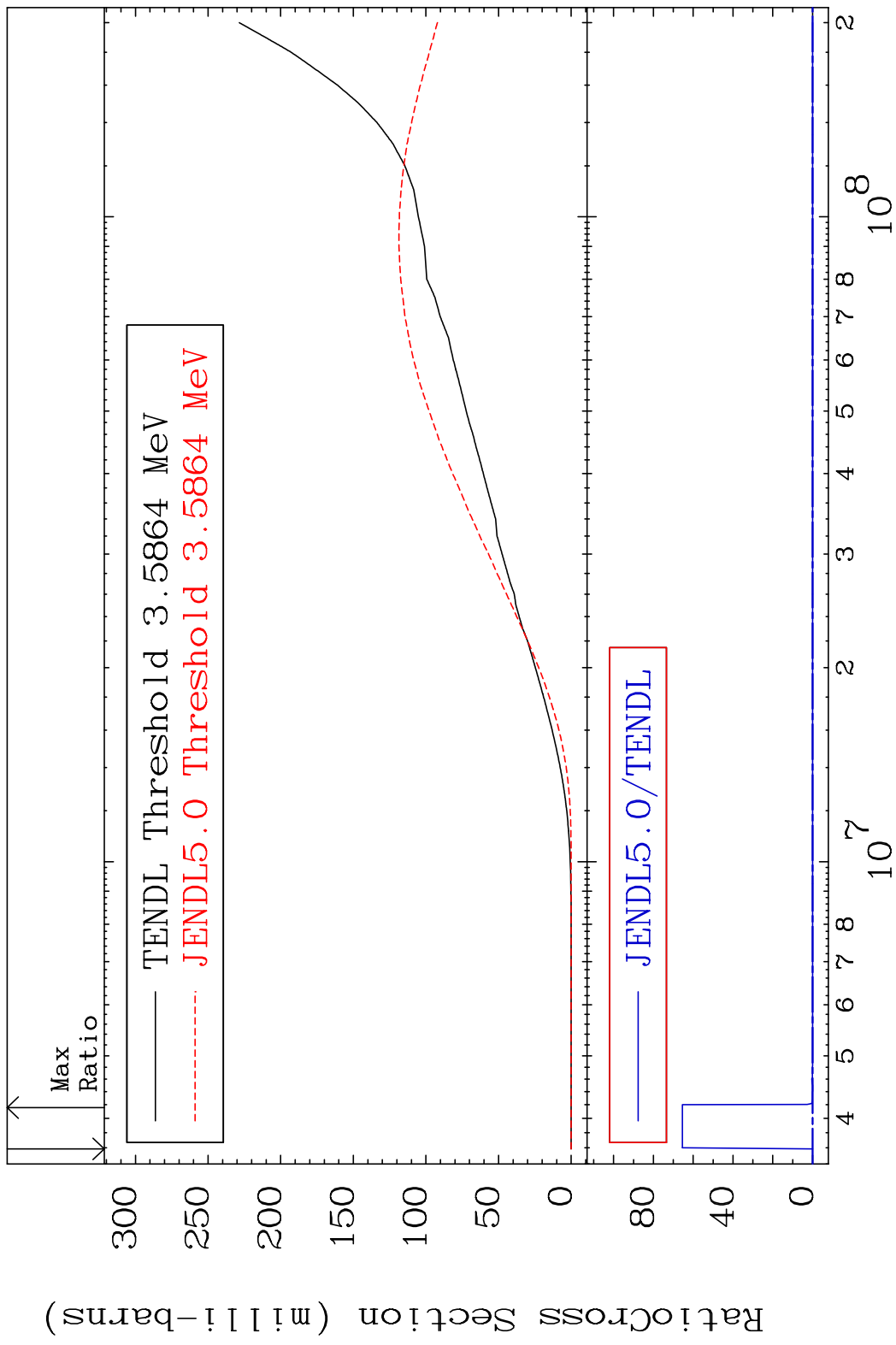


49

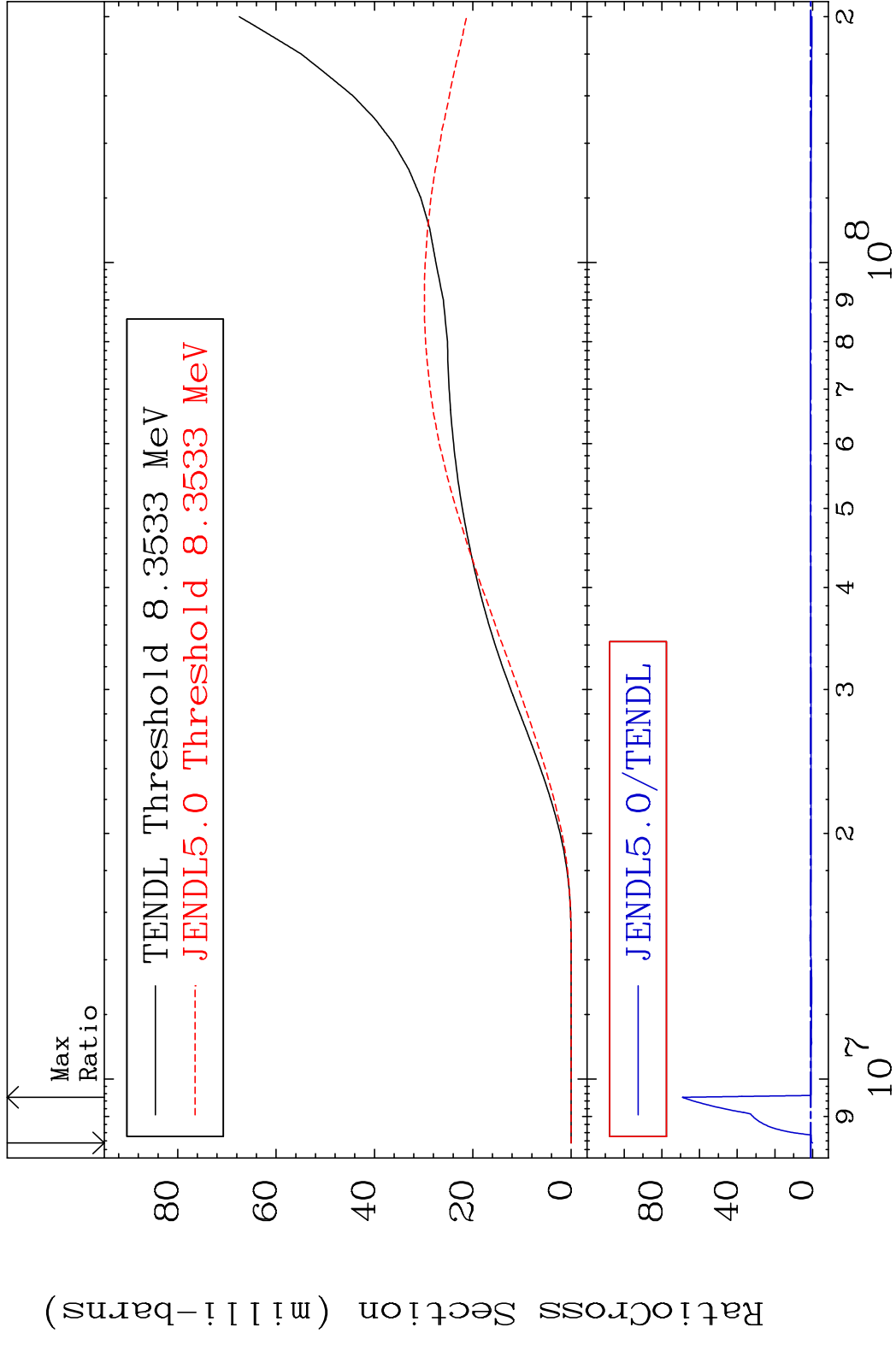
Incident Energy (eV)

37-Rb-83

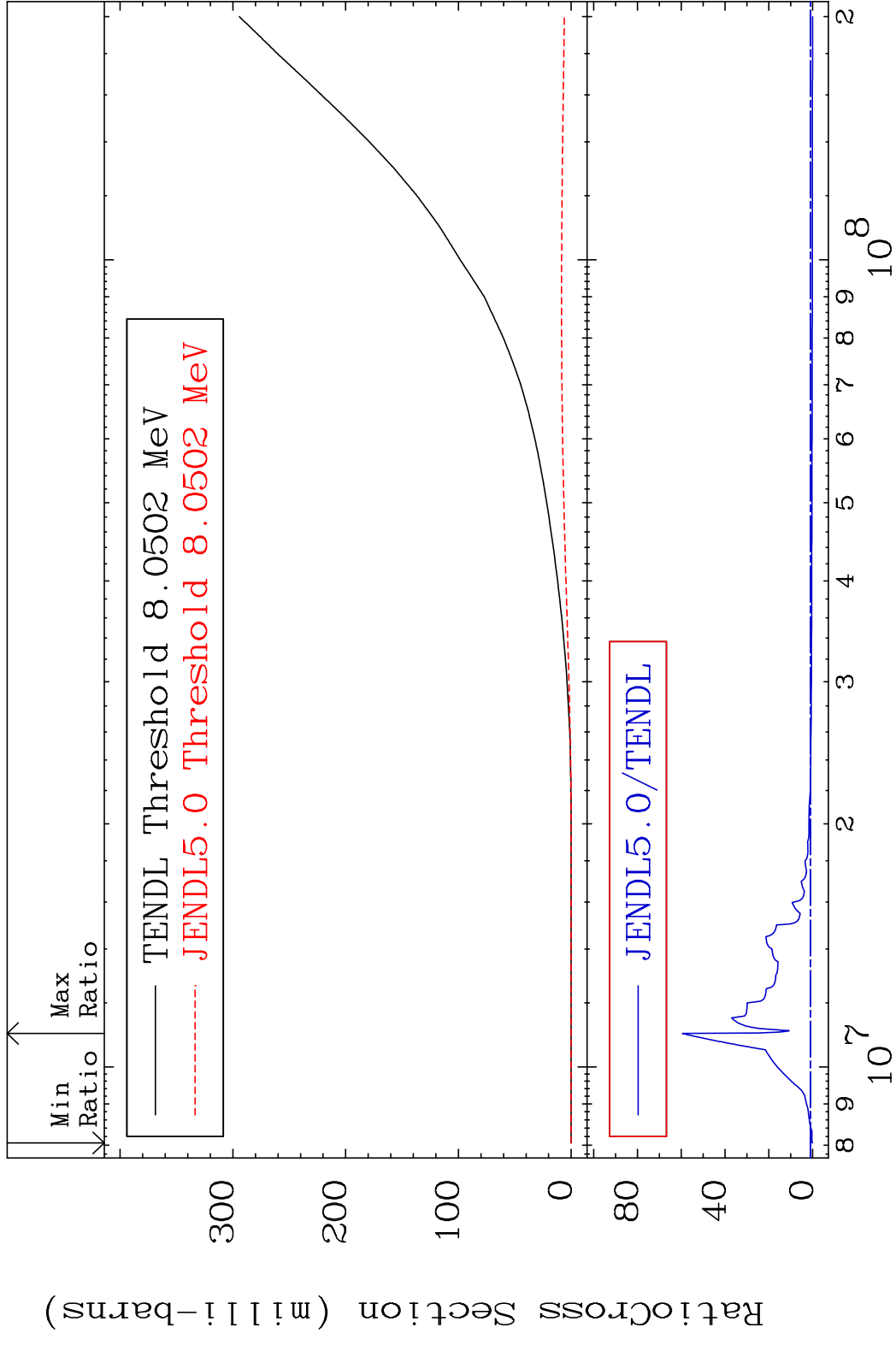
MAT 3719 Deuterium Production 37-Rb-83
 Cross Section -100.0 To 9999. %



MAT 3719 Tritium Production 37-Rb-83
 Cross Section -100.0 To 6811. %



Cross Section -100.0 To 5851. %

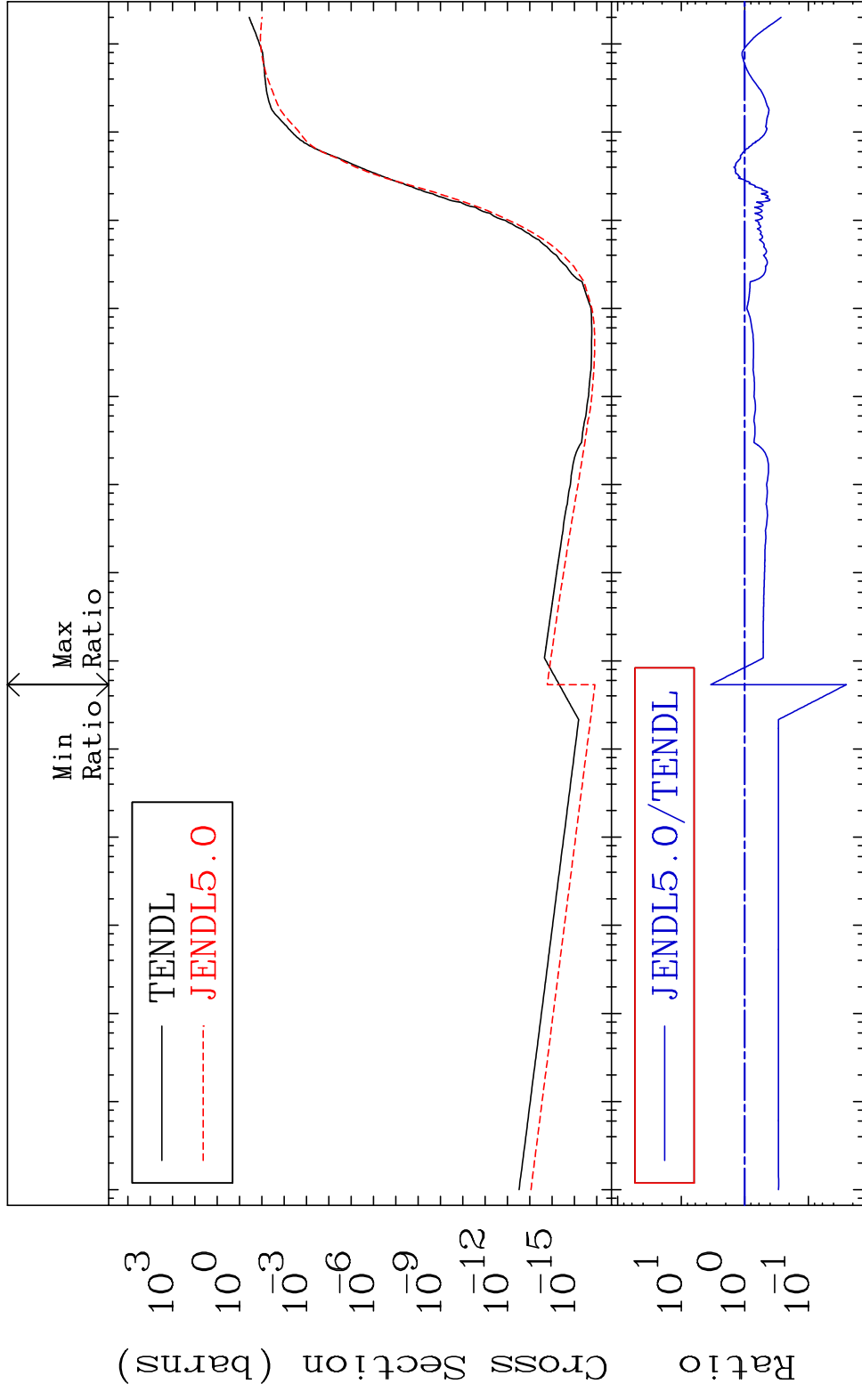


MAT 3719

He-4 Production

37-Rb-83

Cross Section -97.48 To 243.9 %

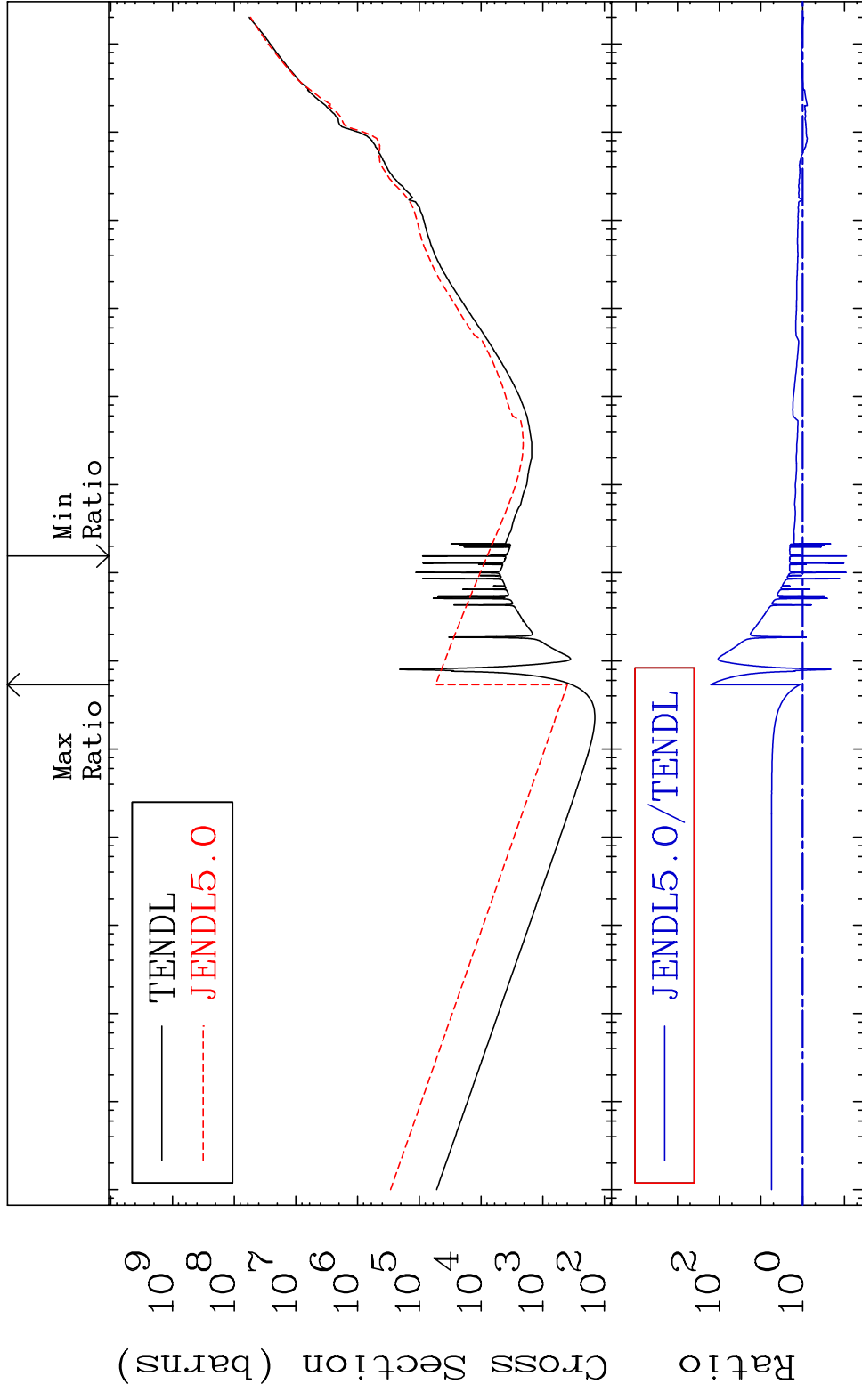


53

Incident Energy (eV)

37-Rb-83

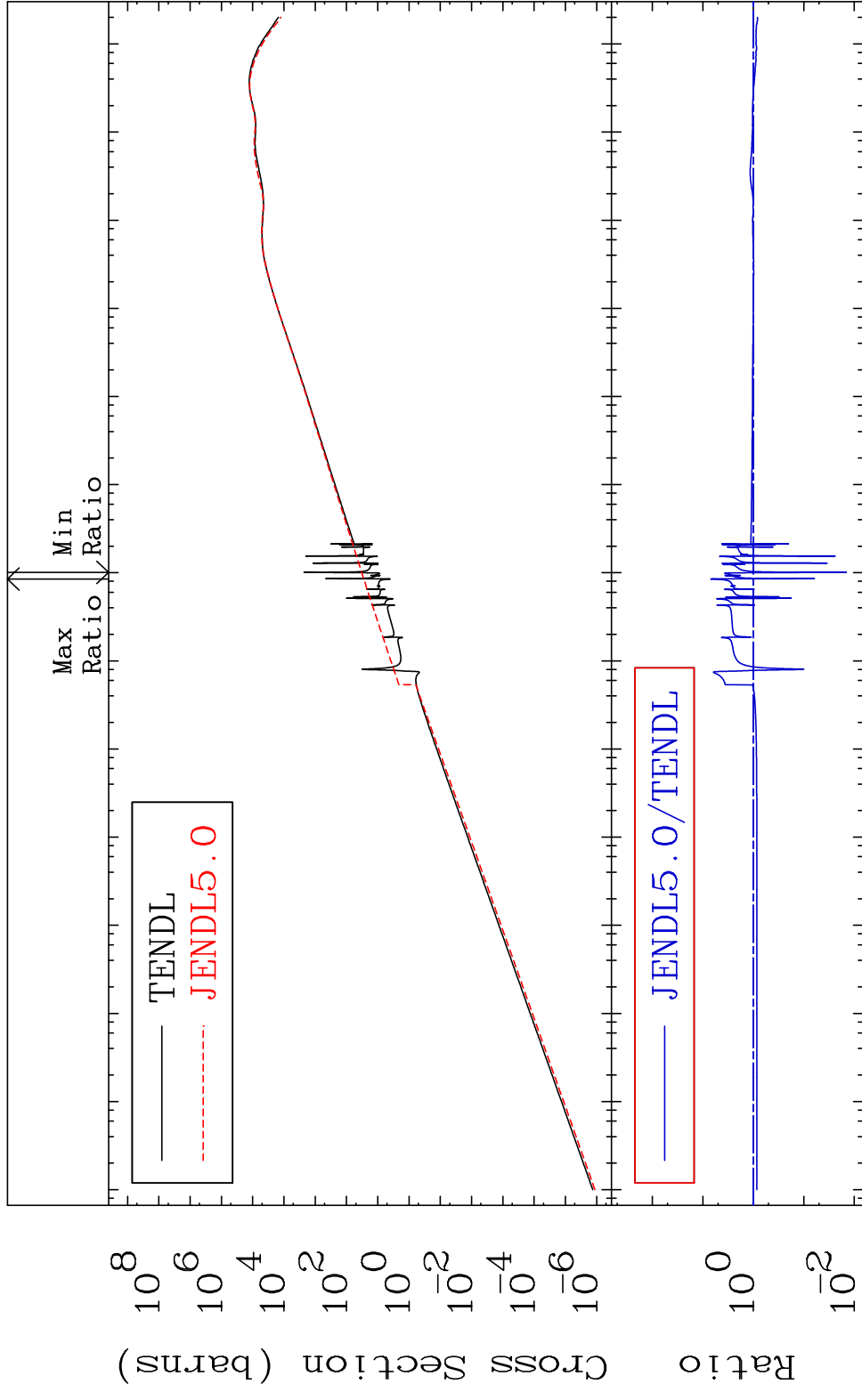
MAT 3719 Kerma total (eV-barns) 37-Rb-83
 Cross Section -91.02 To 9999. %



MAT 3719

Kerma elastic
Cross Section

37-Rb-83
-98.56 To 598.6 %

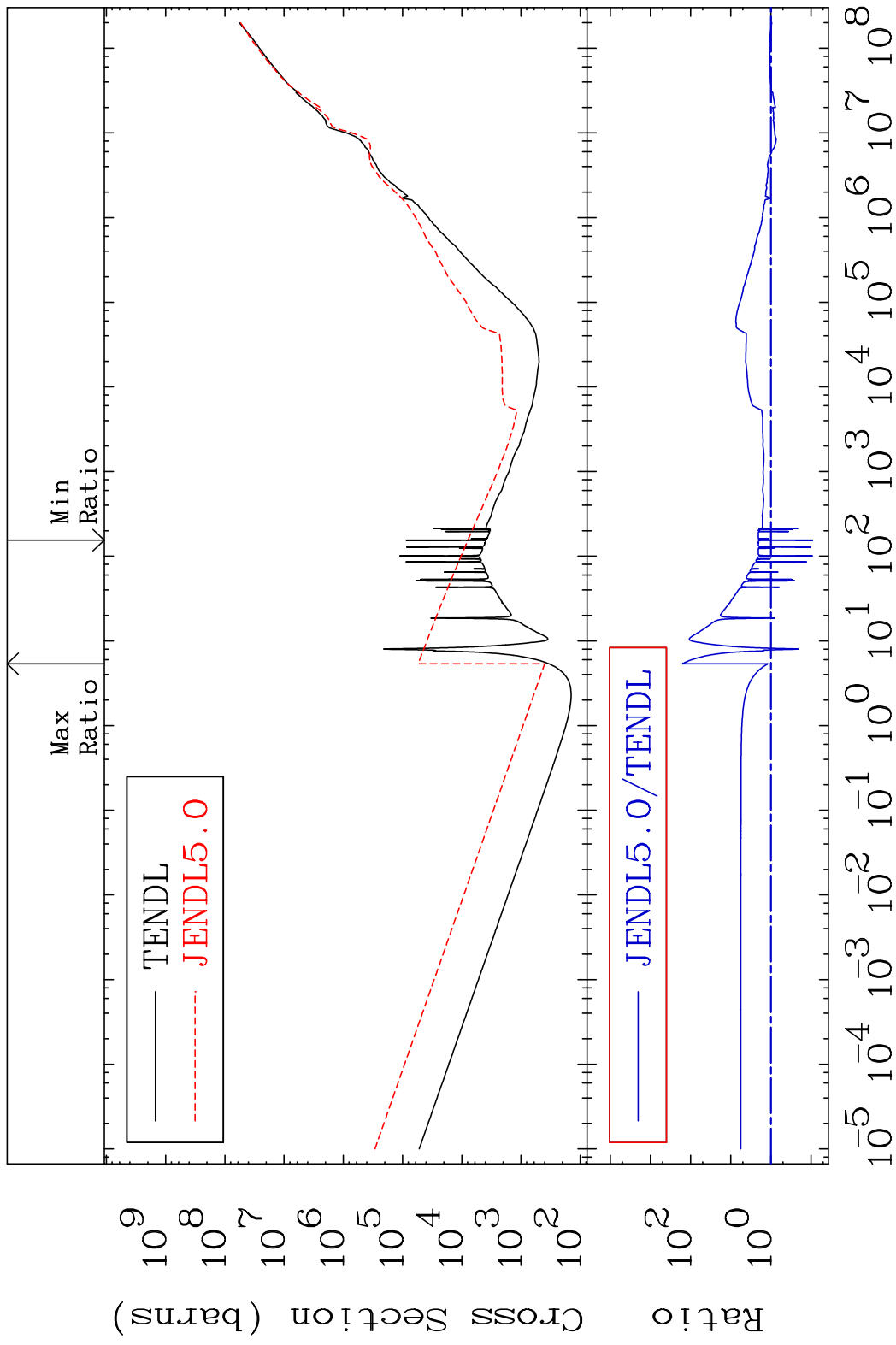


55

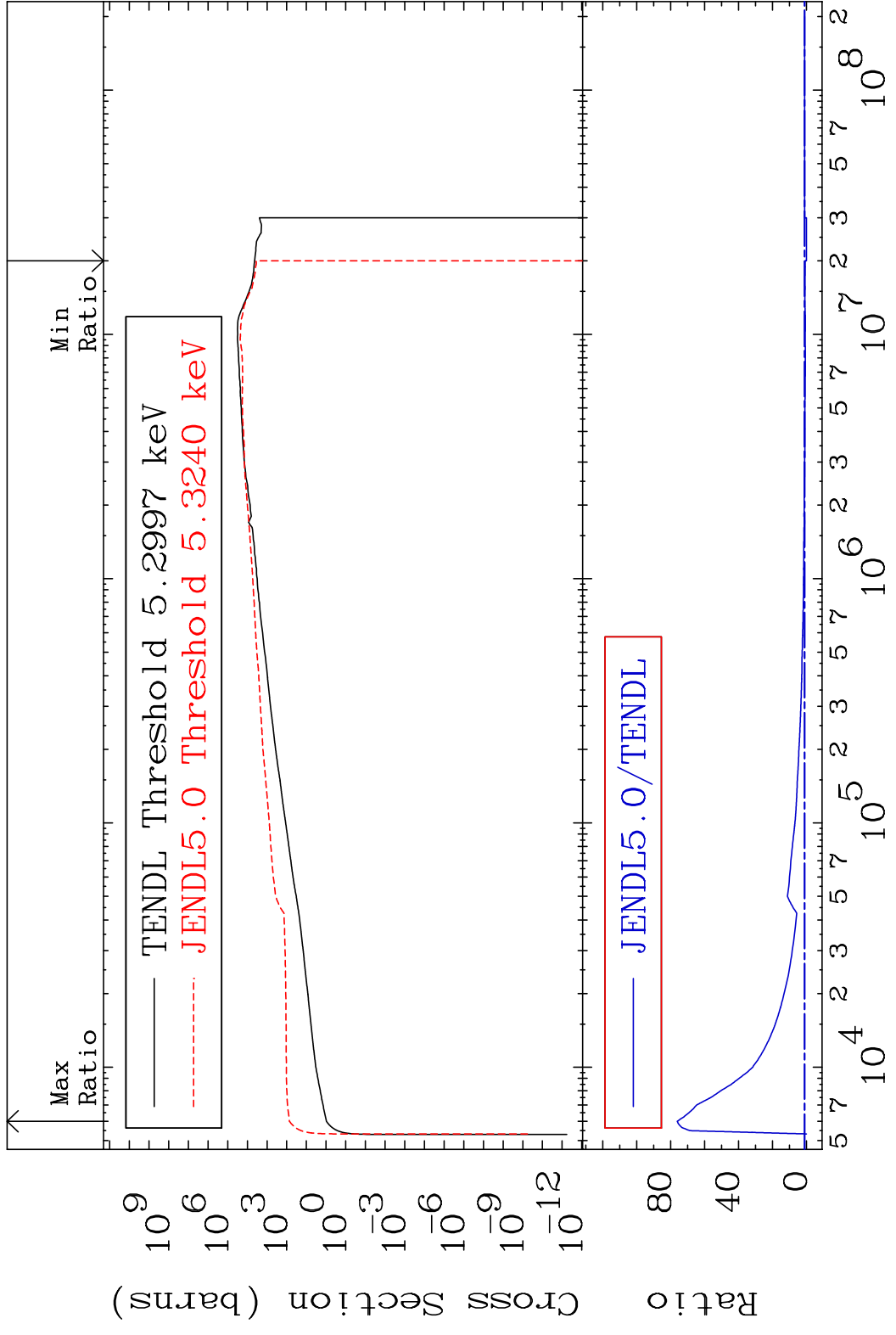
Incident Energy (eV)

37-Rb-83

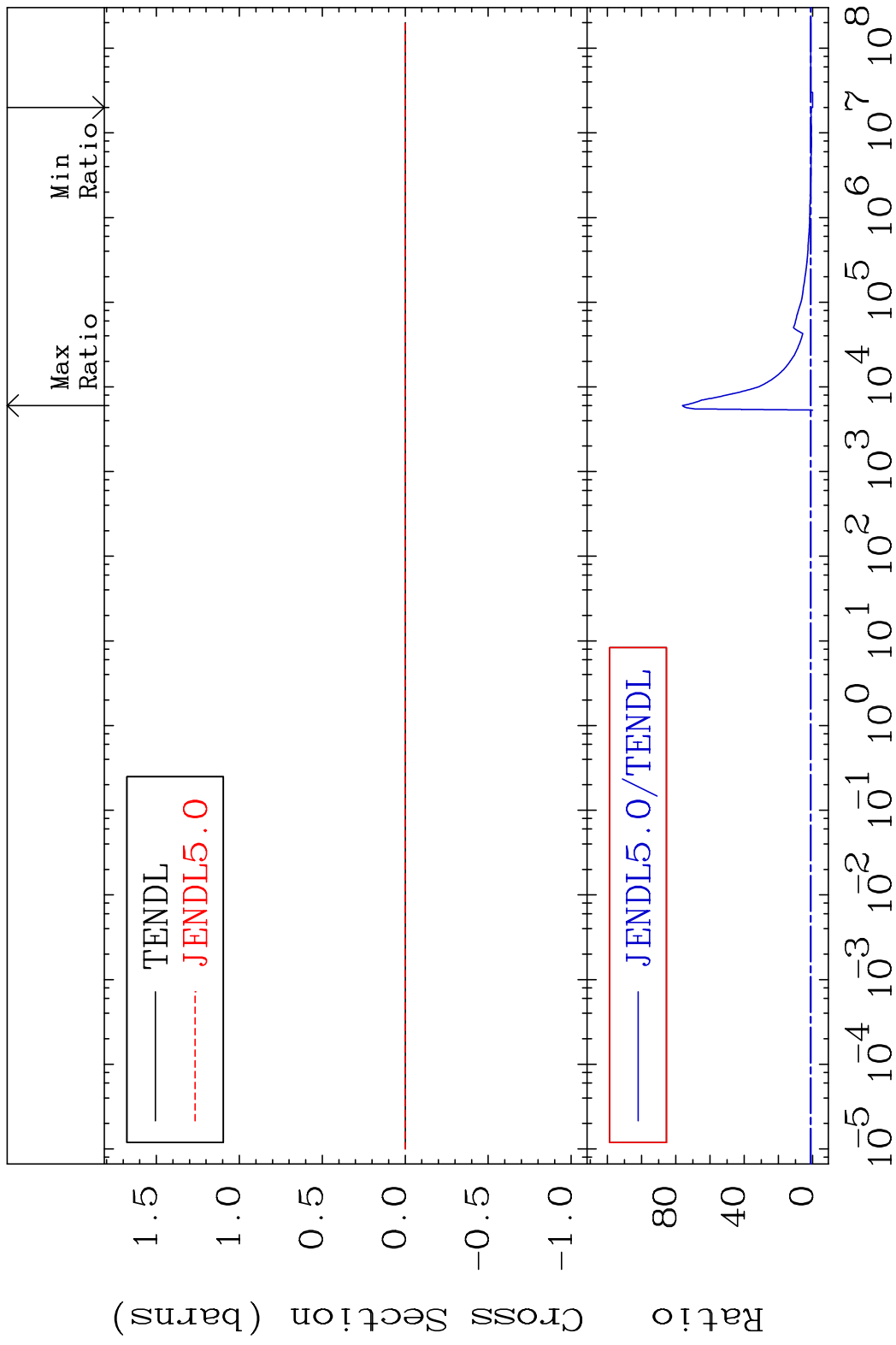
MAT 3719 Kerma non-elastic (all but mt2) 37-Rb-83
 Cross Section -90.87 To 9999. %



MAT 3719 Kerma inelastic (mt51-91) 37-Rb-83
 Cross Section -100.0 To 7515. %



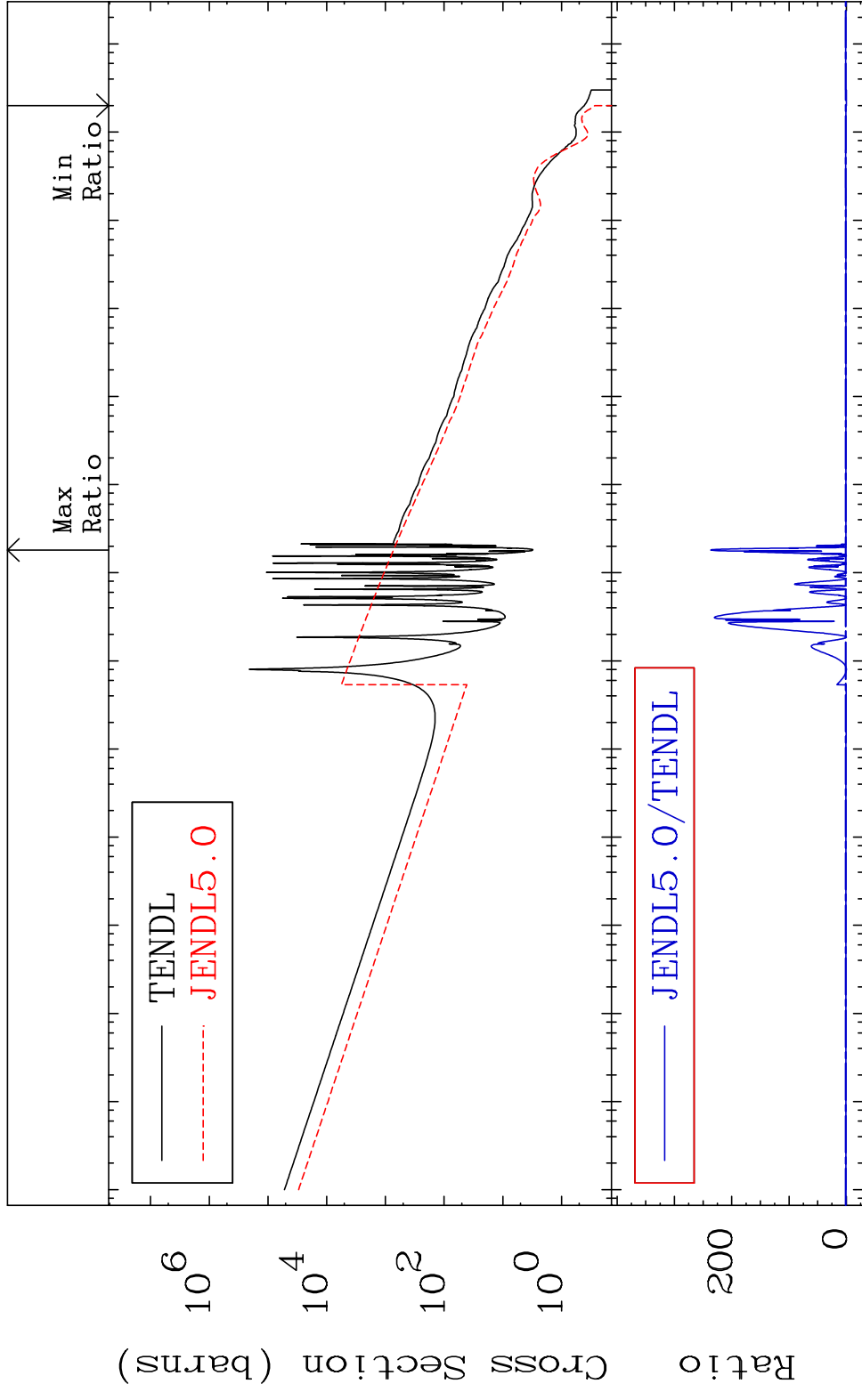
MAT 3719 Kerma fission (mt18 or mt19-20-21-38) 37-Rb-83
 Cross Section -100.0 To 7515. %



MAT 3719

Kerma capture (mt102) 37-Rb-83

Cross Section -100.0 To 9999. %

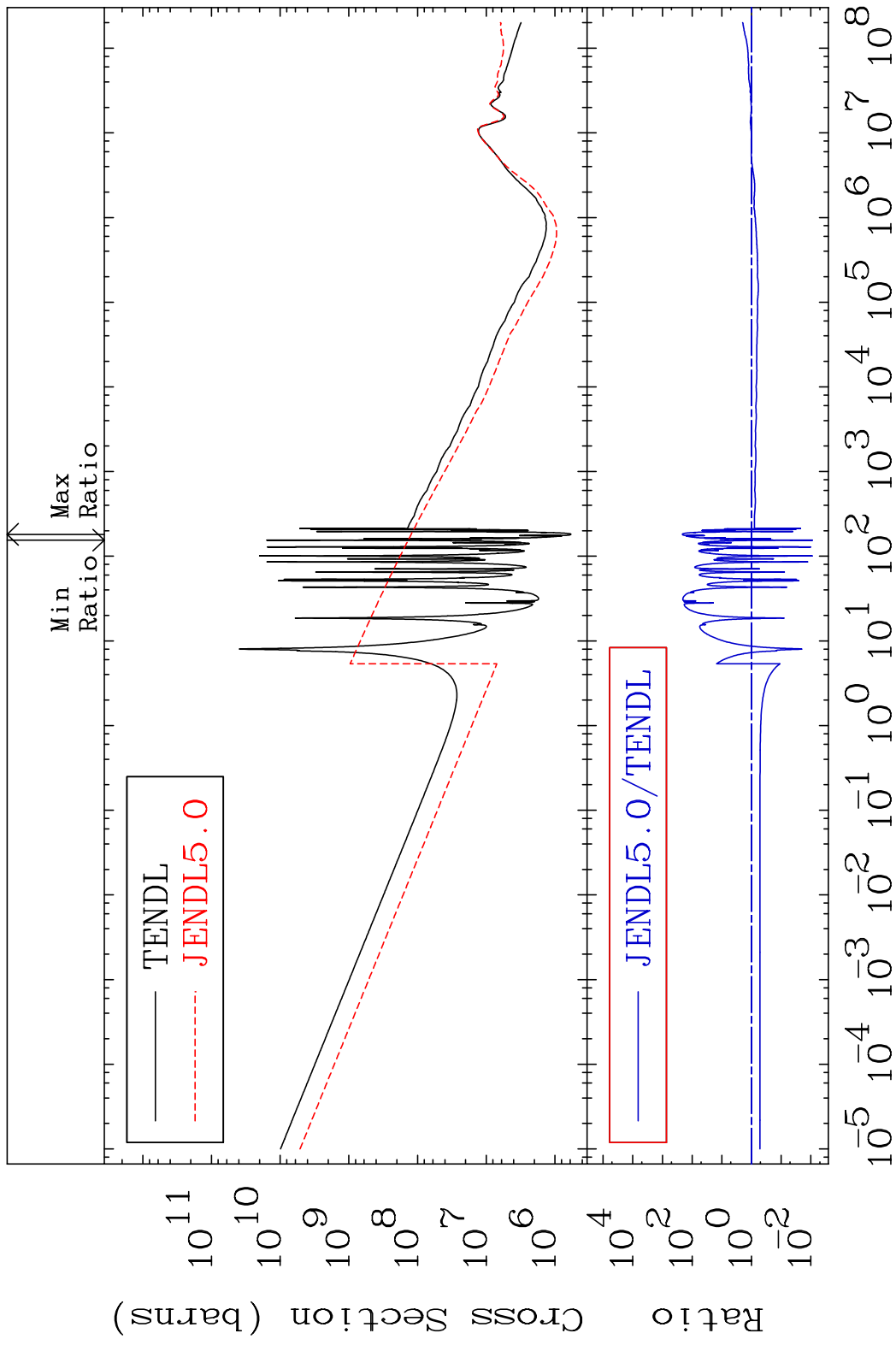


59

Incident Energy (eV)

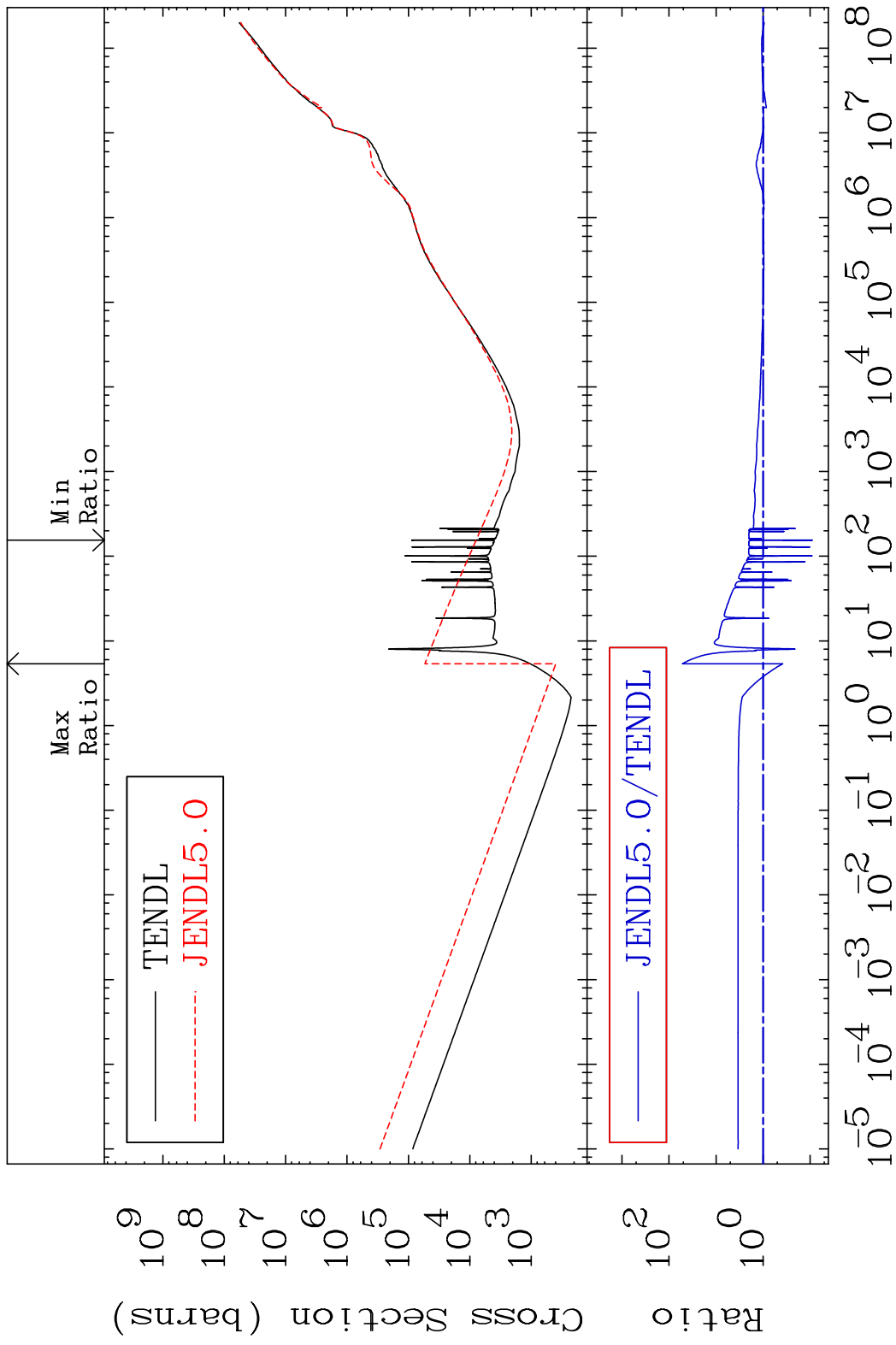
37-Rb-83

MAT 3719 Total photon (eV-barns) 37-Rb-83
 Cross Section -99.12 To 9999. %



60 Incident Energy (eV) 37-Rb-83

MAT 3719 Total kinematic kerma (high limit) 37-Rb-83
 Cross Section -91.10 To 5109. %



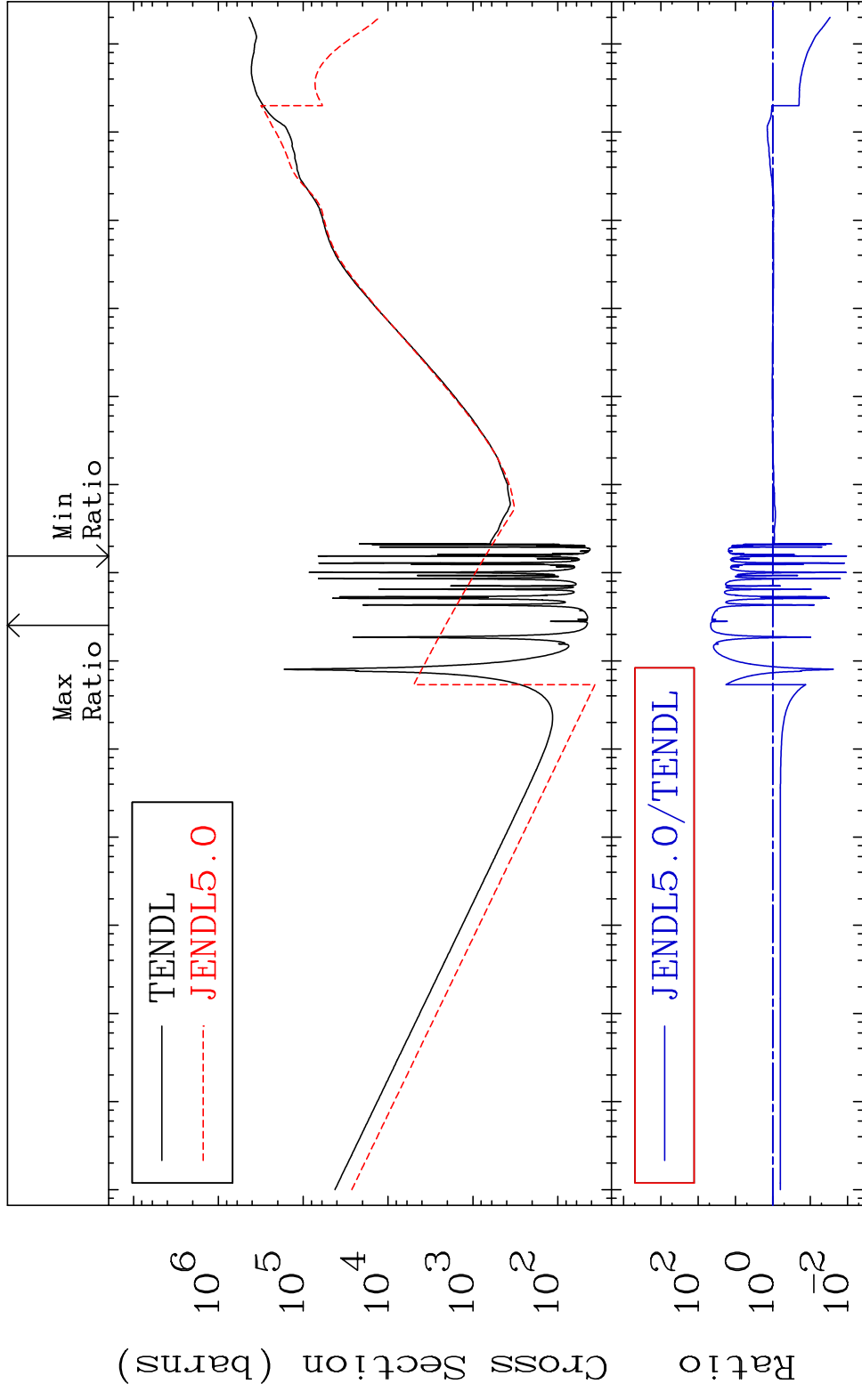
61 Incident Energy (eV) 37-Rb-83

MAT 3719

Dpa total (eV-barns)

37-Rb-83

Cross Section -98.93 To 4521. %

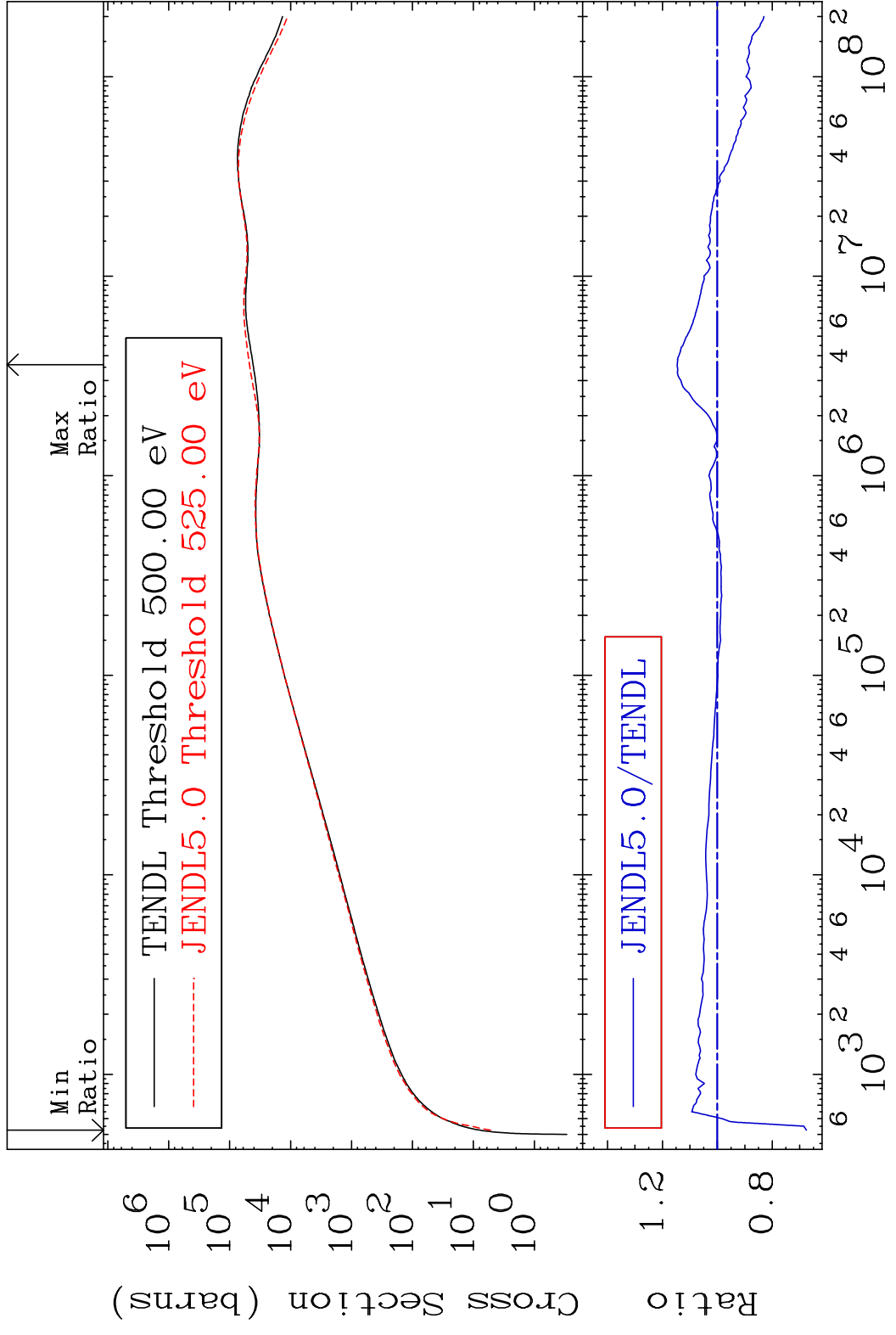


MAT 3719

Dpa elastic (mt2)

37-Rb-83

Cross Section -32.45 To 14.63 %

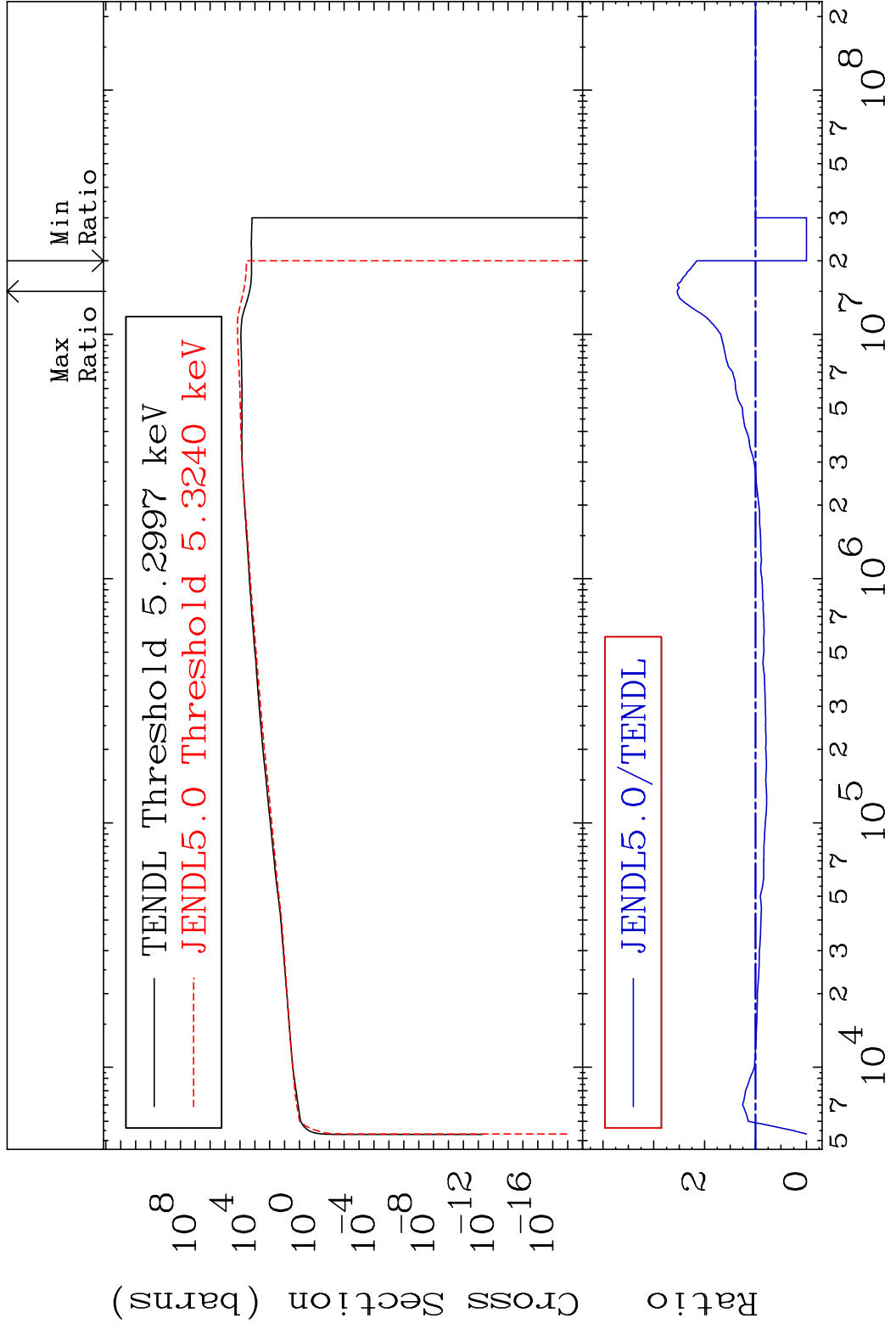


63

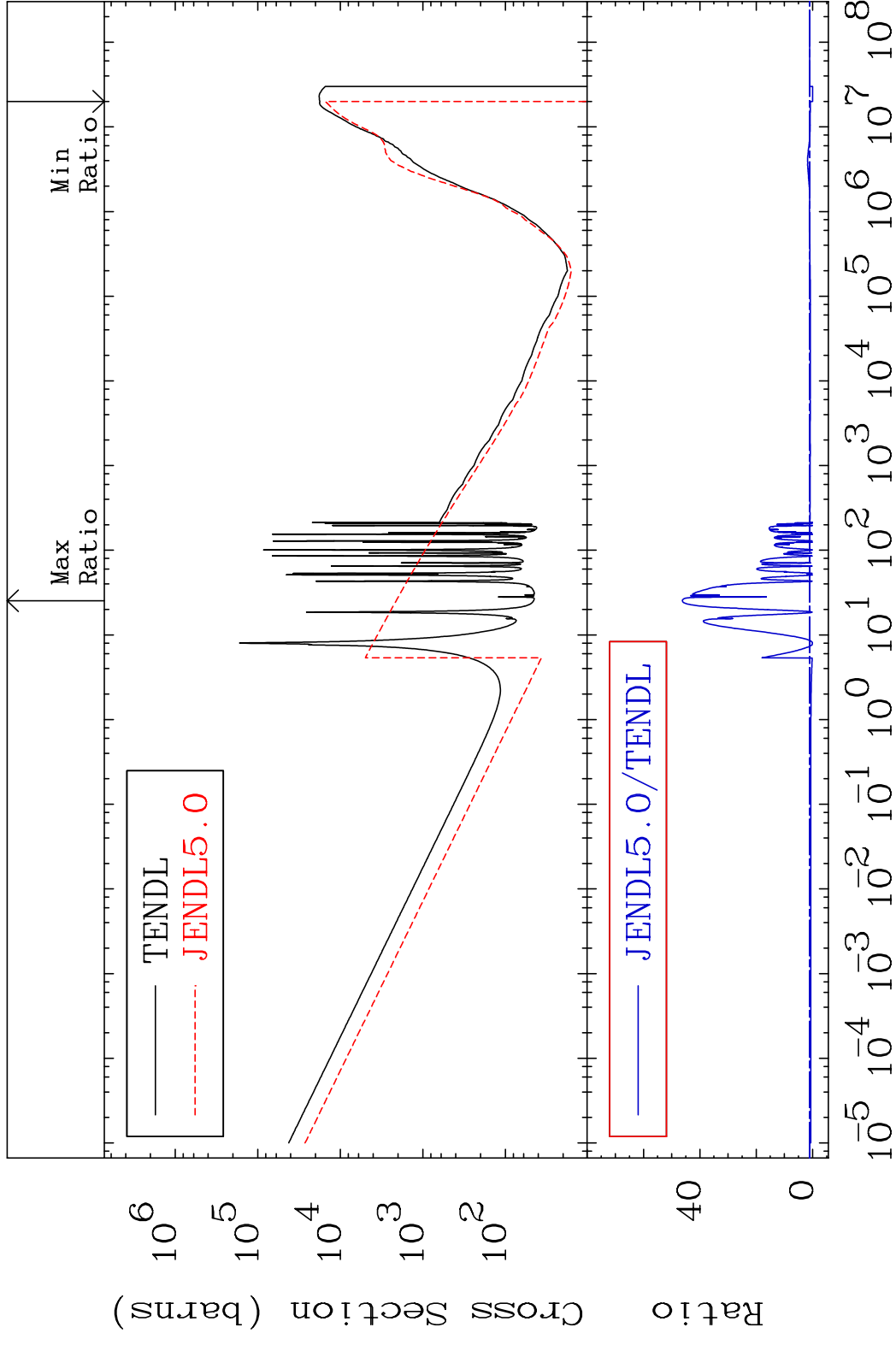
Incident Energy (eV)

37-Rb-83

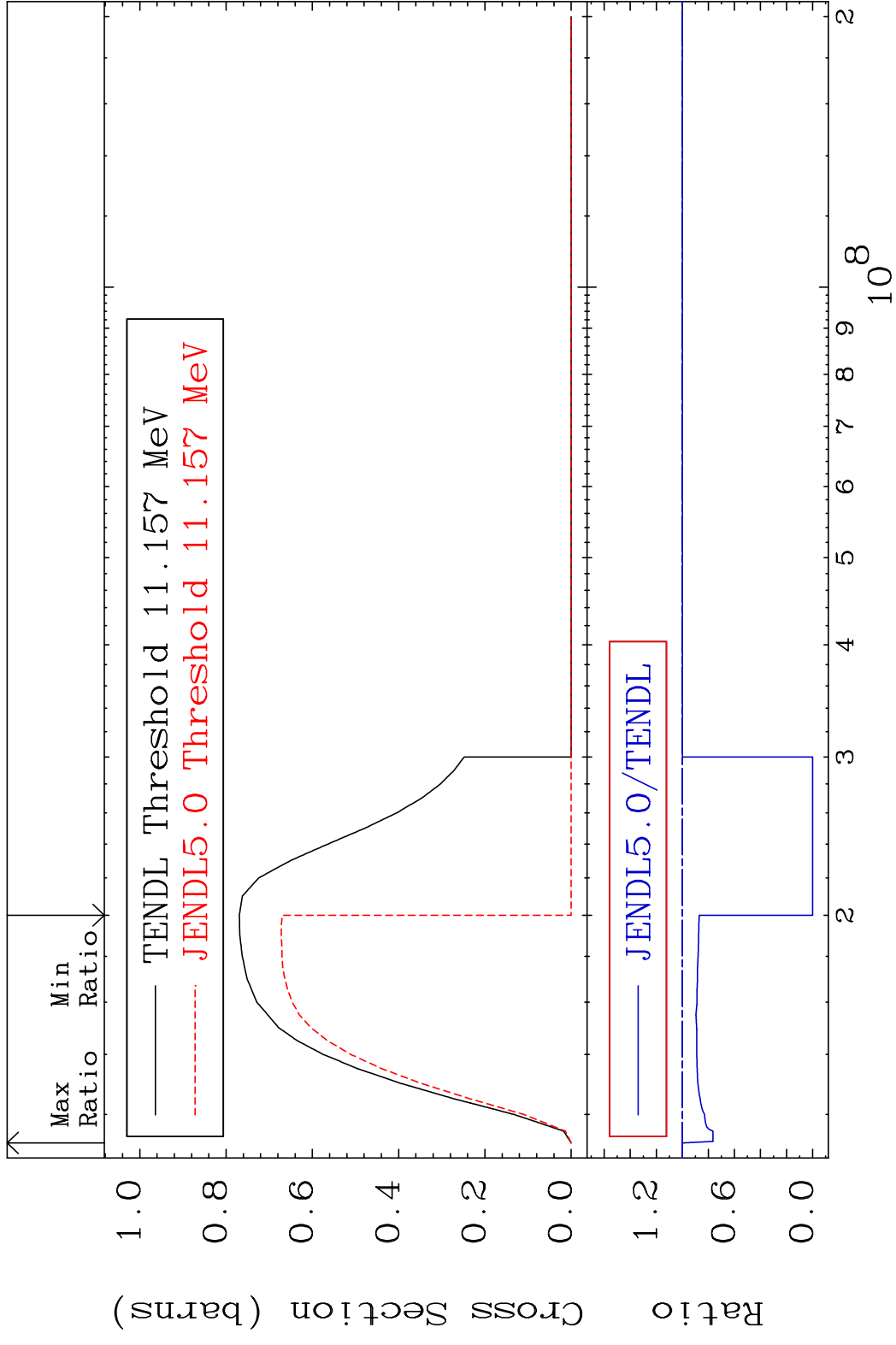
MAT 3719 Dpa inelastic (mt51-91) 37-Rb-83
 Cross Section -100.0 To 154.0 %



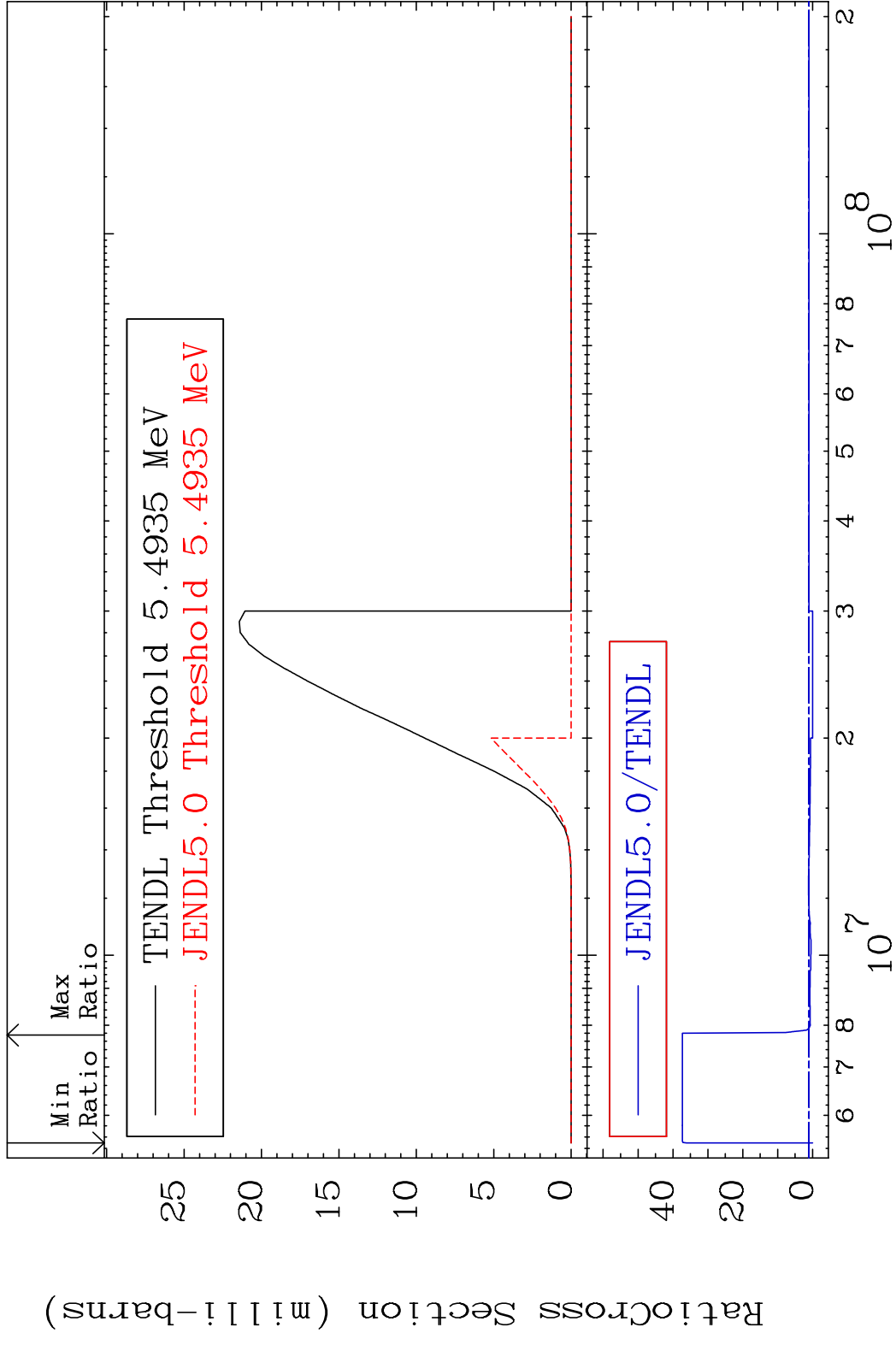
MAT 3719 Dpa disappearance (mt102 -120) 37-Rb-83
 Cross Section -100.0 To 4521. %



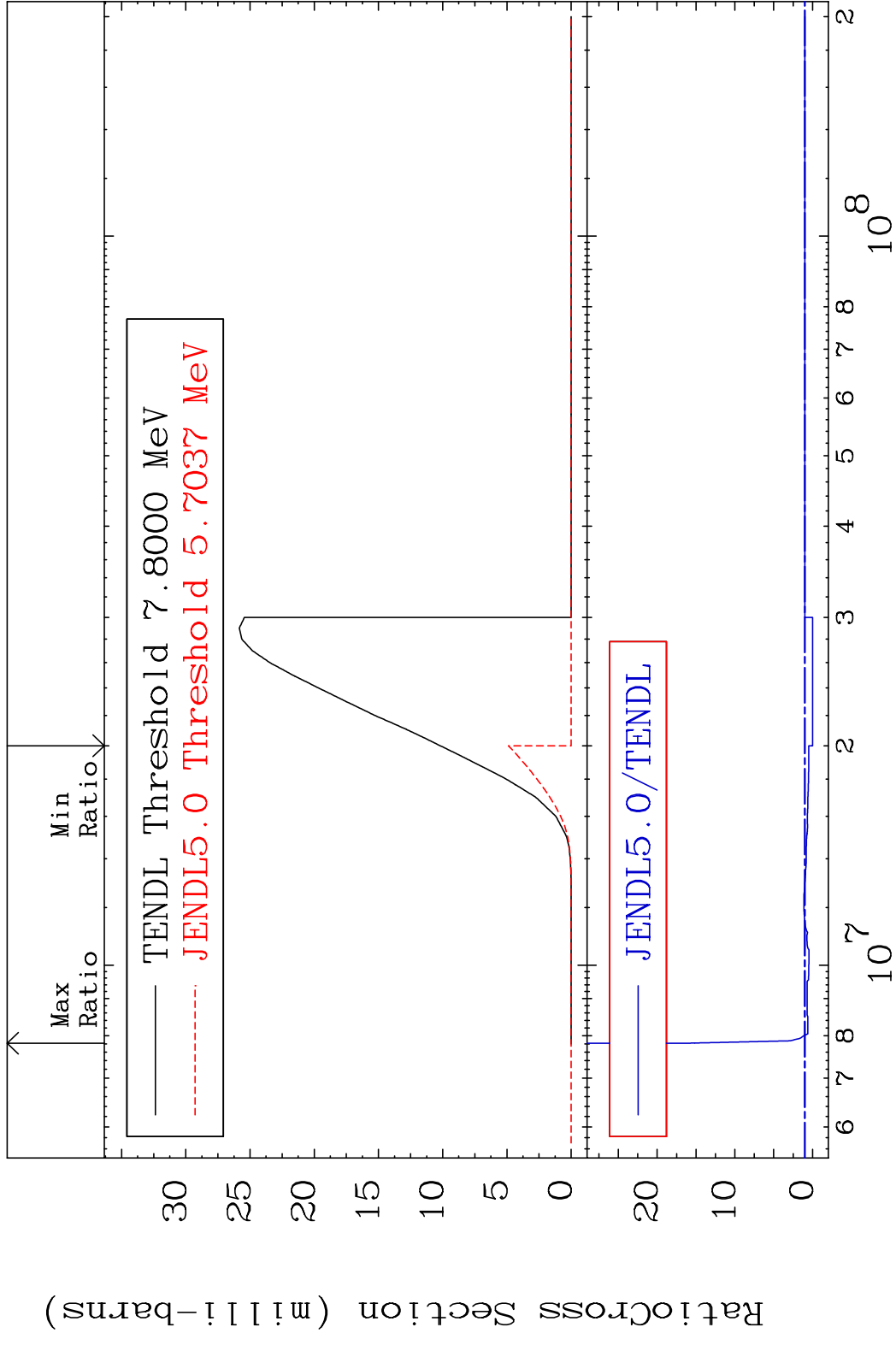
MAT 3719 (n,2n):37-Rb-82m1 37-Rb-83
 Radionuclide Production Cross Section 180.000 %

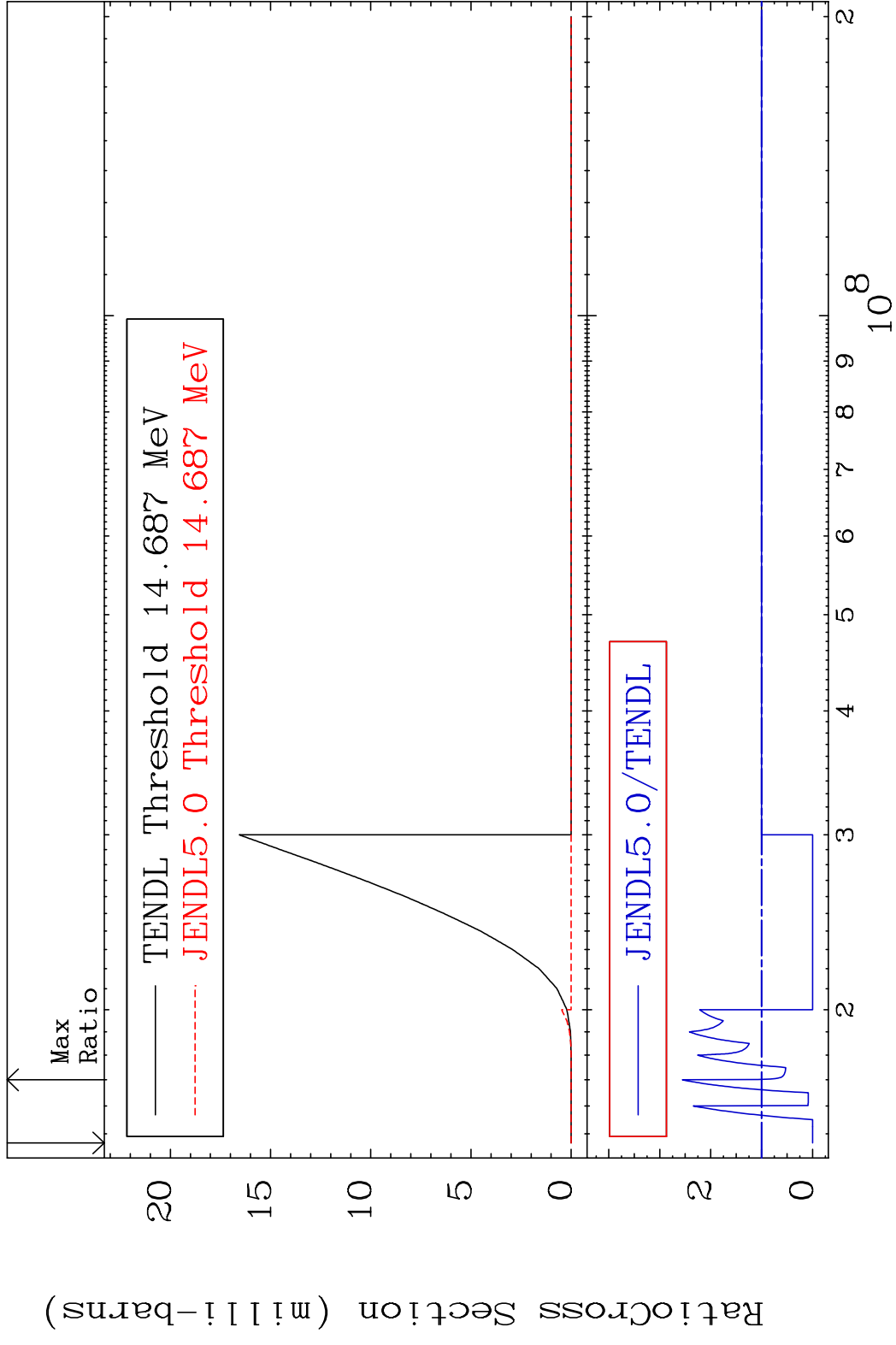


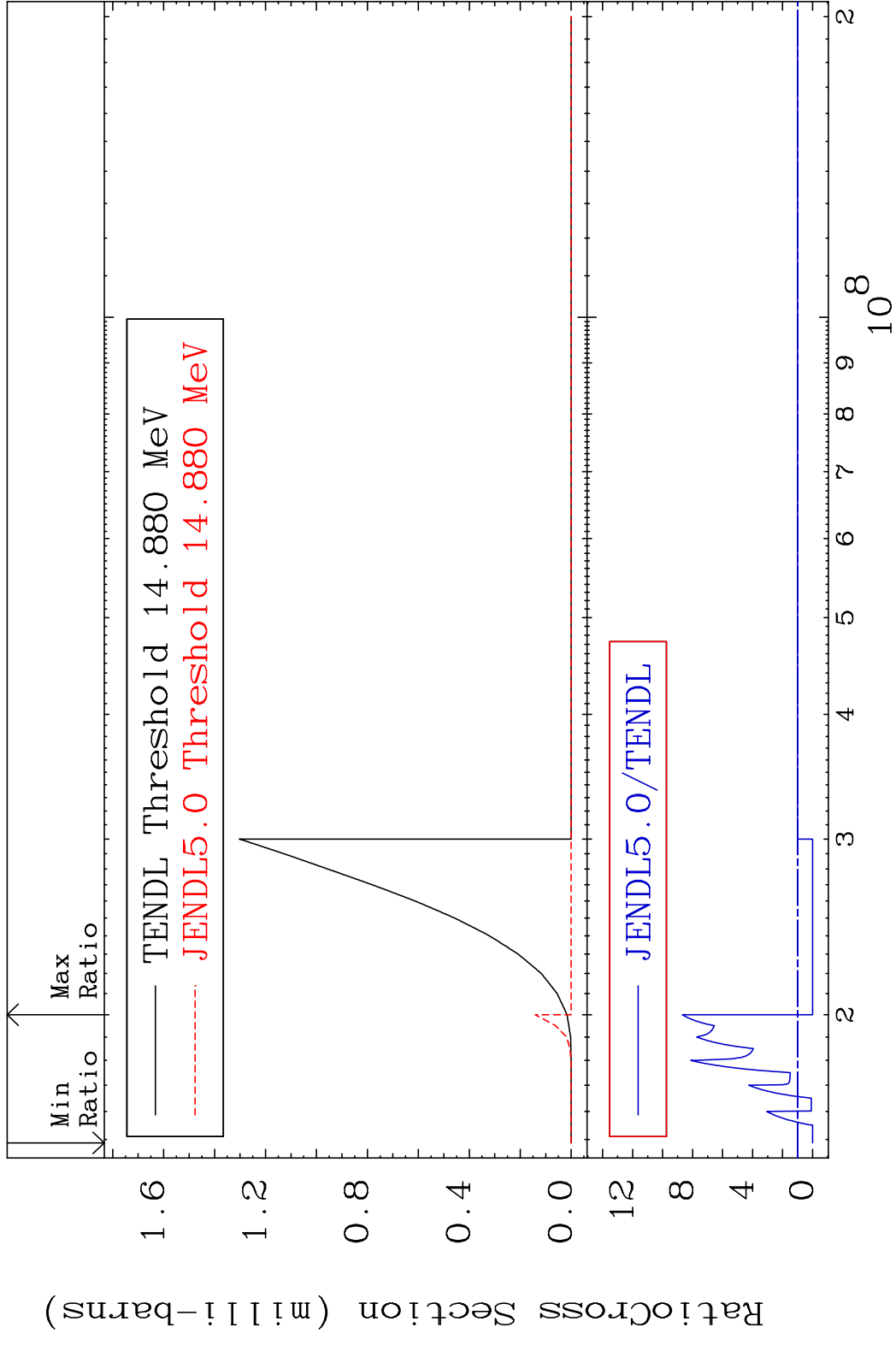
MAT 3719 (n, n') α :35-Br-79g 37-Rb-83
 Radionuclide Production Cross Section 180.0 mb 3630. %

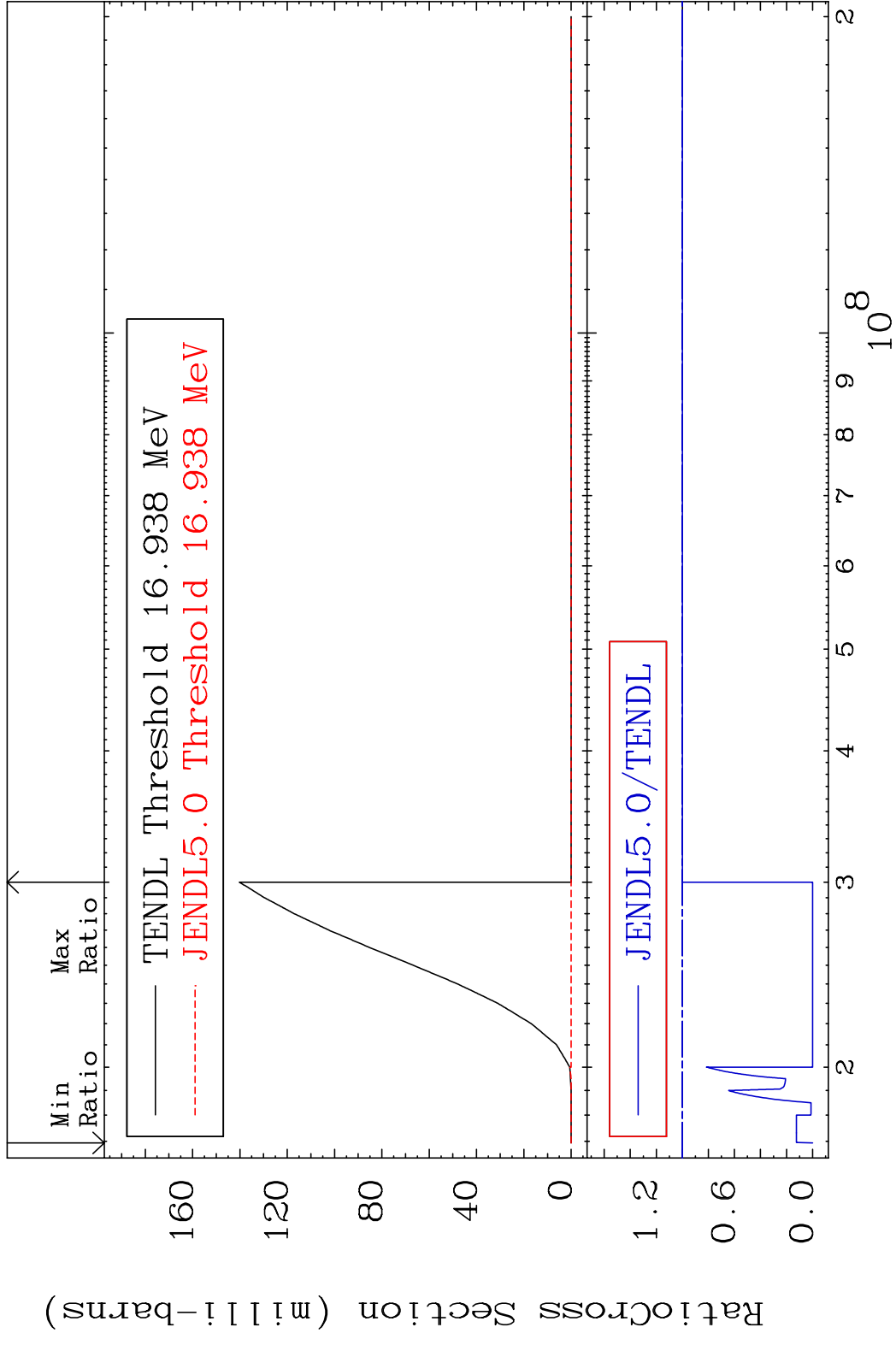


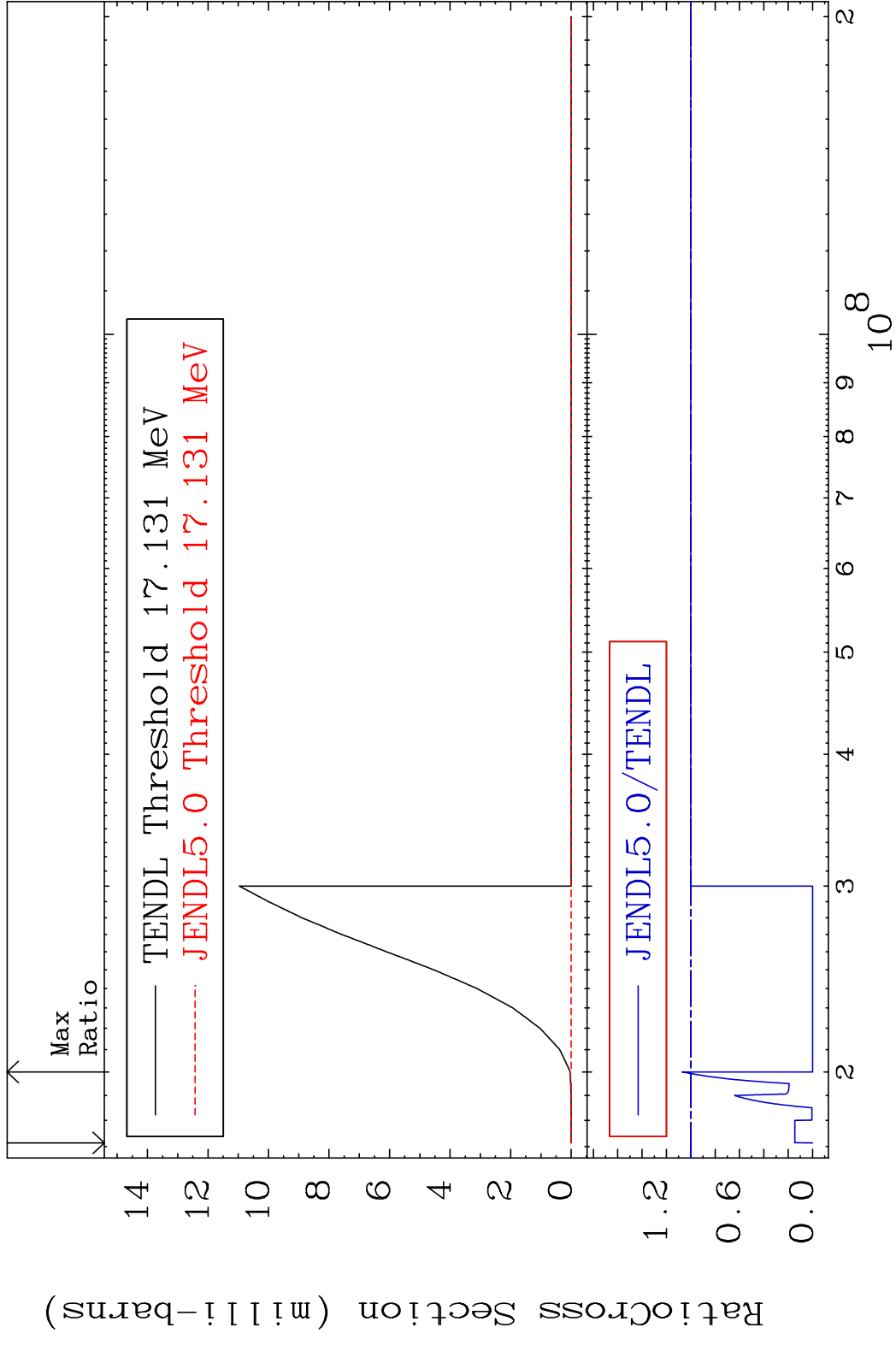
MAT 3719 (n, n') α :35-Br-79m1 37-Rb-83
 Radionuclide Production Cross Section 1576. %



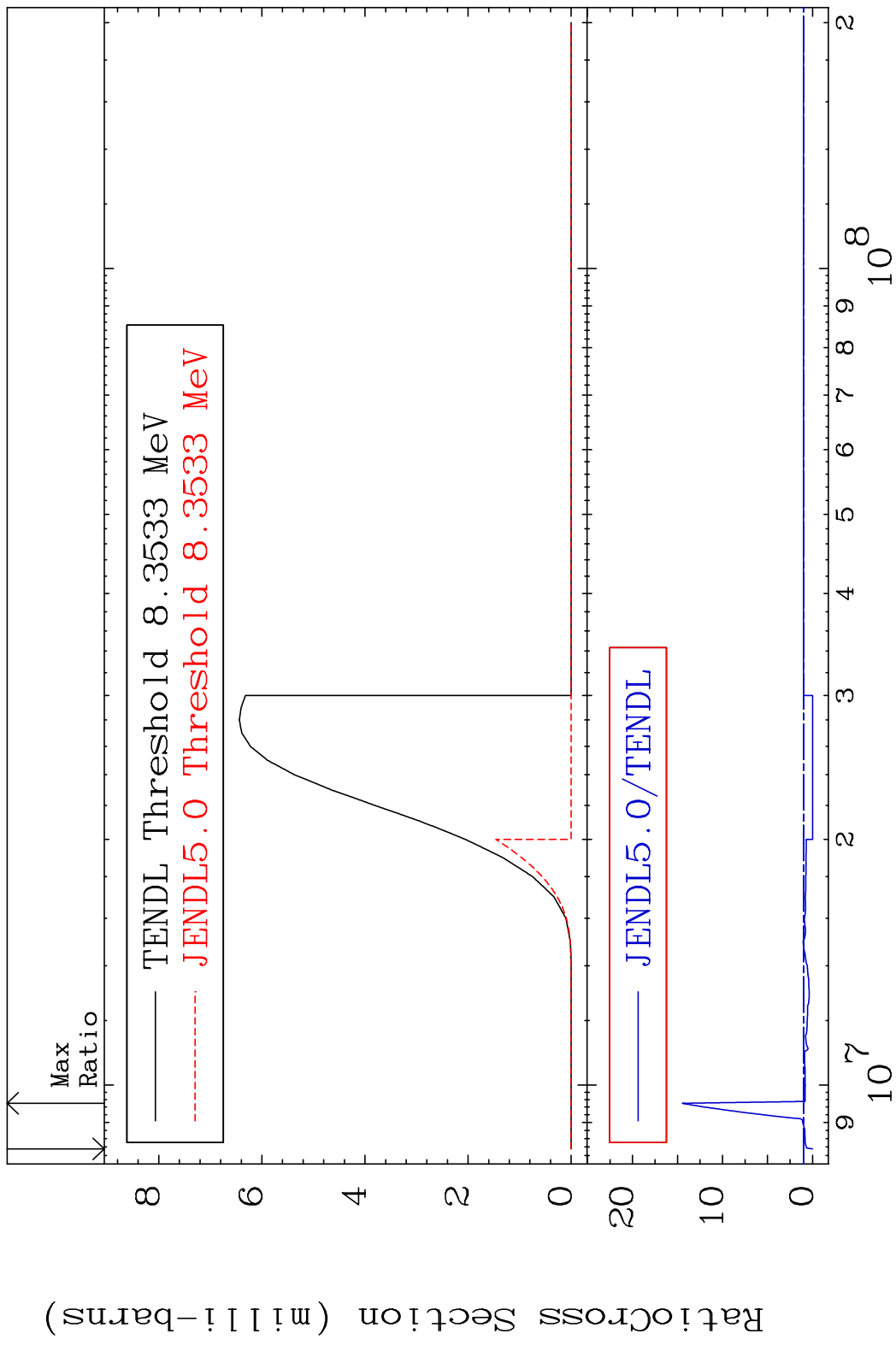




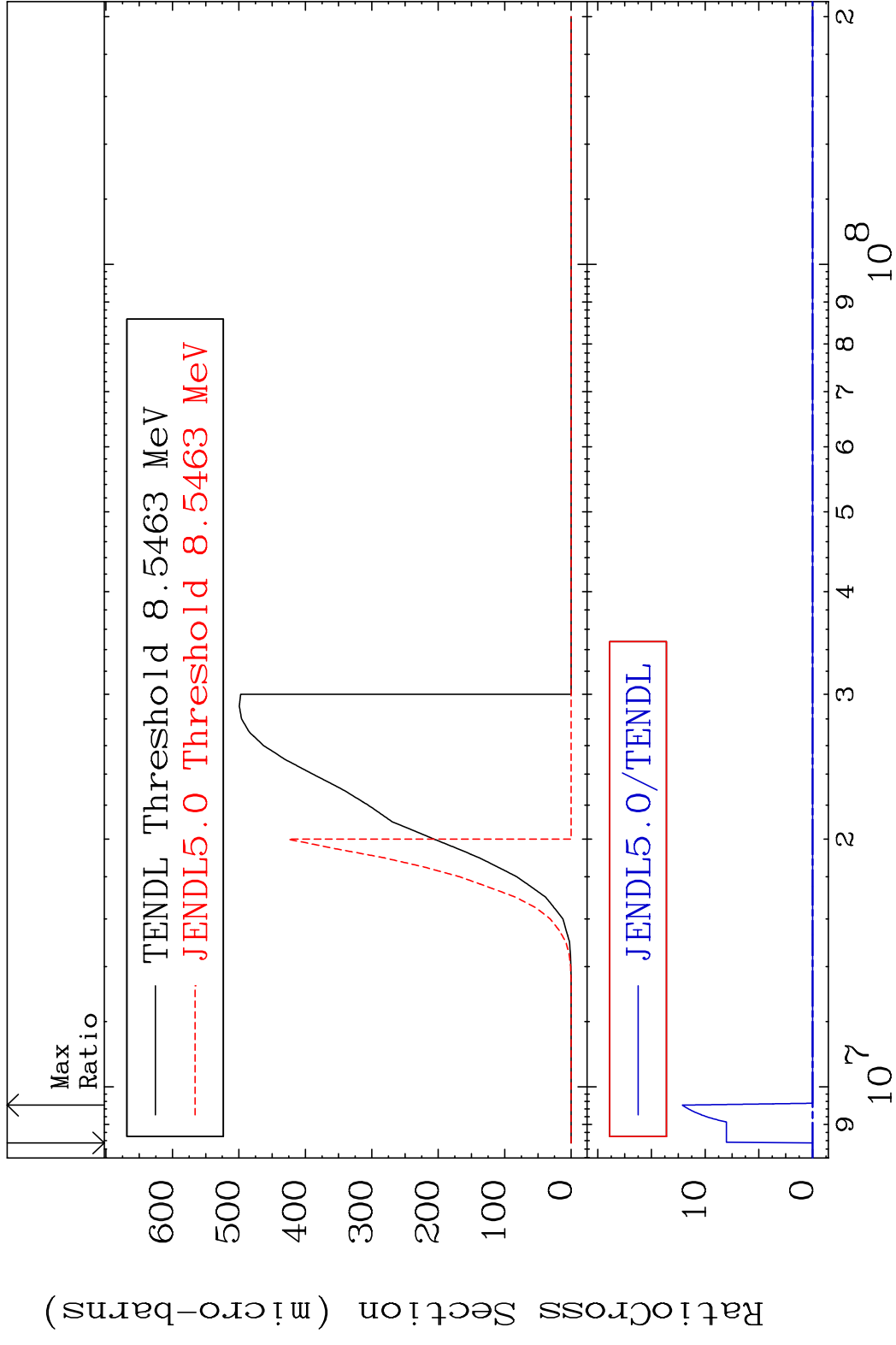




MAT 3719 (n, t):36-Kr-81g 37-Rb-83
 Radionuclide Production Cross Section 1346. %

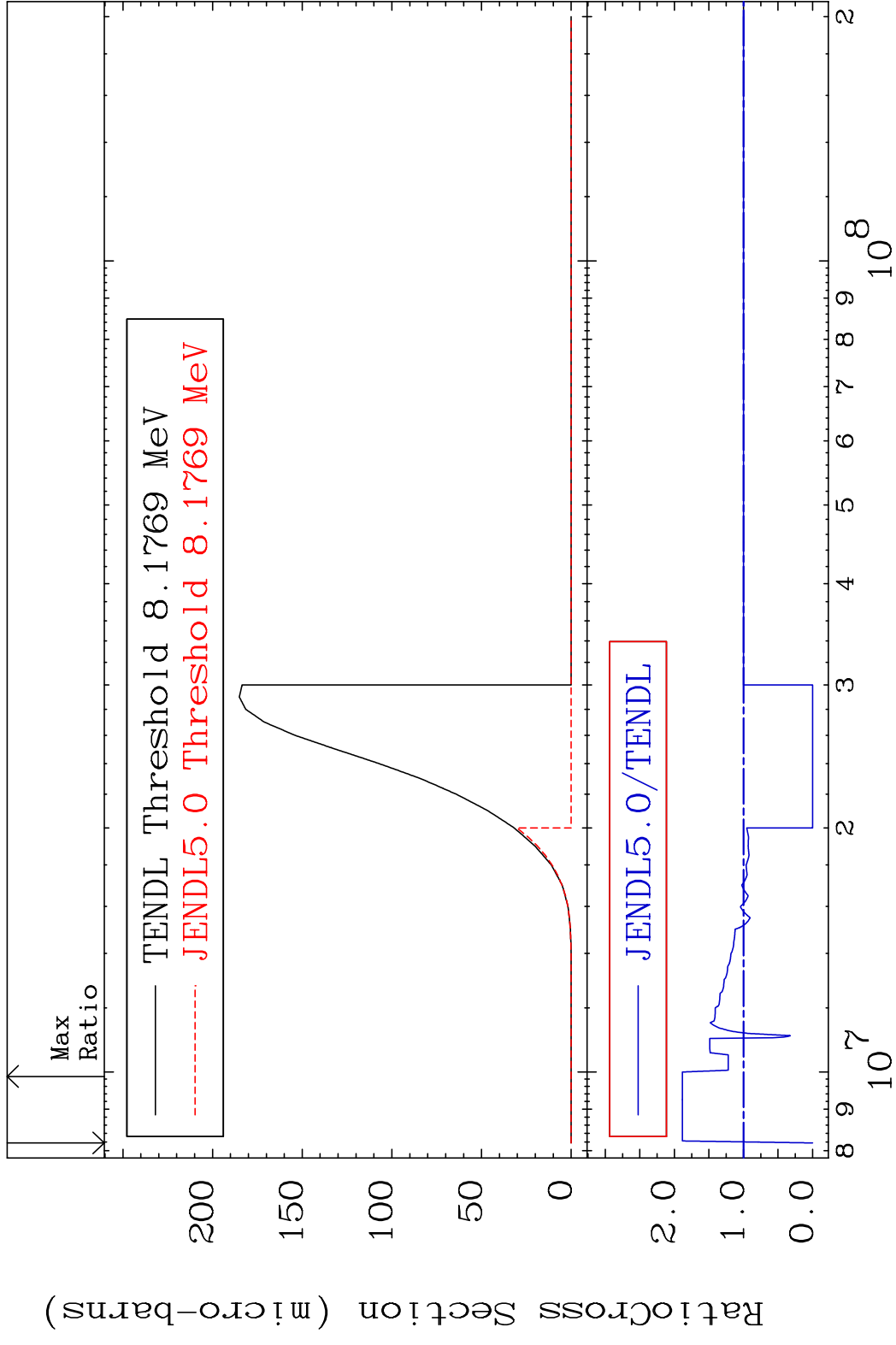


MAT 3719 (n, t):36-Kr-81m2 37-Rb-83
 Radionuclide Production Cross Section Ratio 9999. %

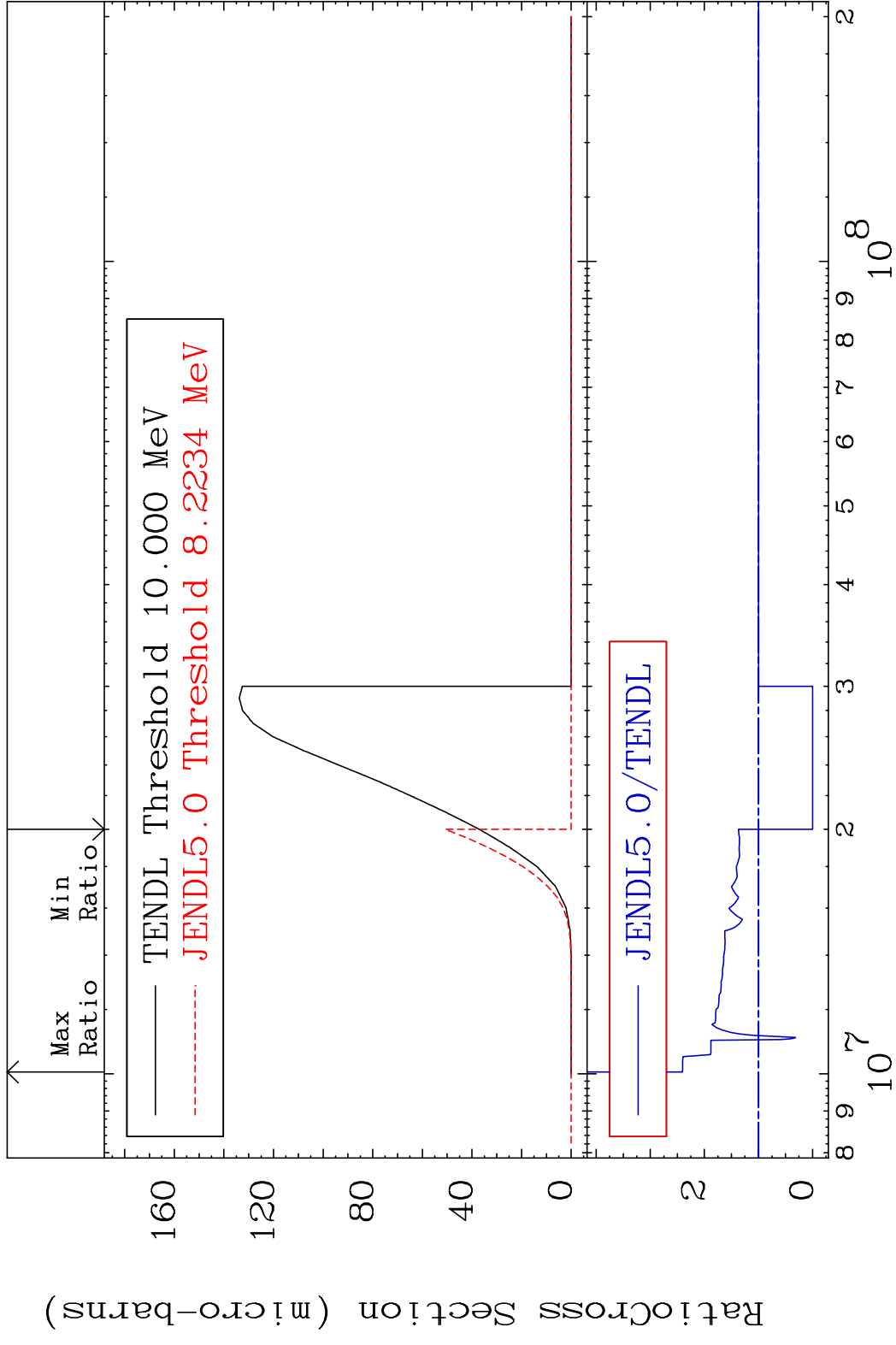


75 Incident Energy (eV) 37-Rb-83

MAT 3719 (n,2p):35-Br-82g 37-Rb-83
 Radionuclide Production Cross Section 88.44 %



MAT 3719 (n,2p):35-Br-82m1 37-Rb-83
 Radionuclide Production Cross Section 180.0 dth 140.7 %



MAT 3719 (n, p) α :34-Se-79g 37-Rb-83
 Radionuclide Production Cross Section 180.0 dth 294.9 %

