

Program Complot
(Version 2021-1)

by

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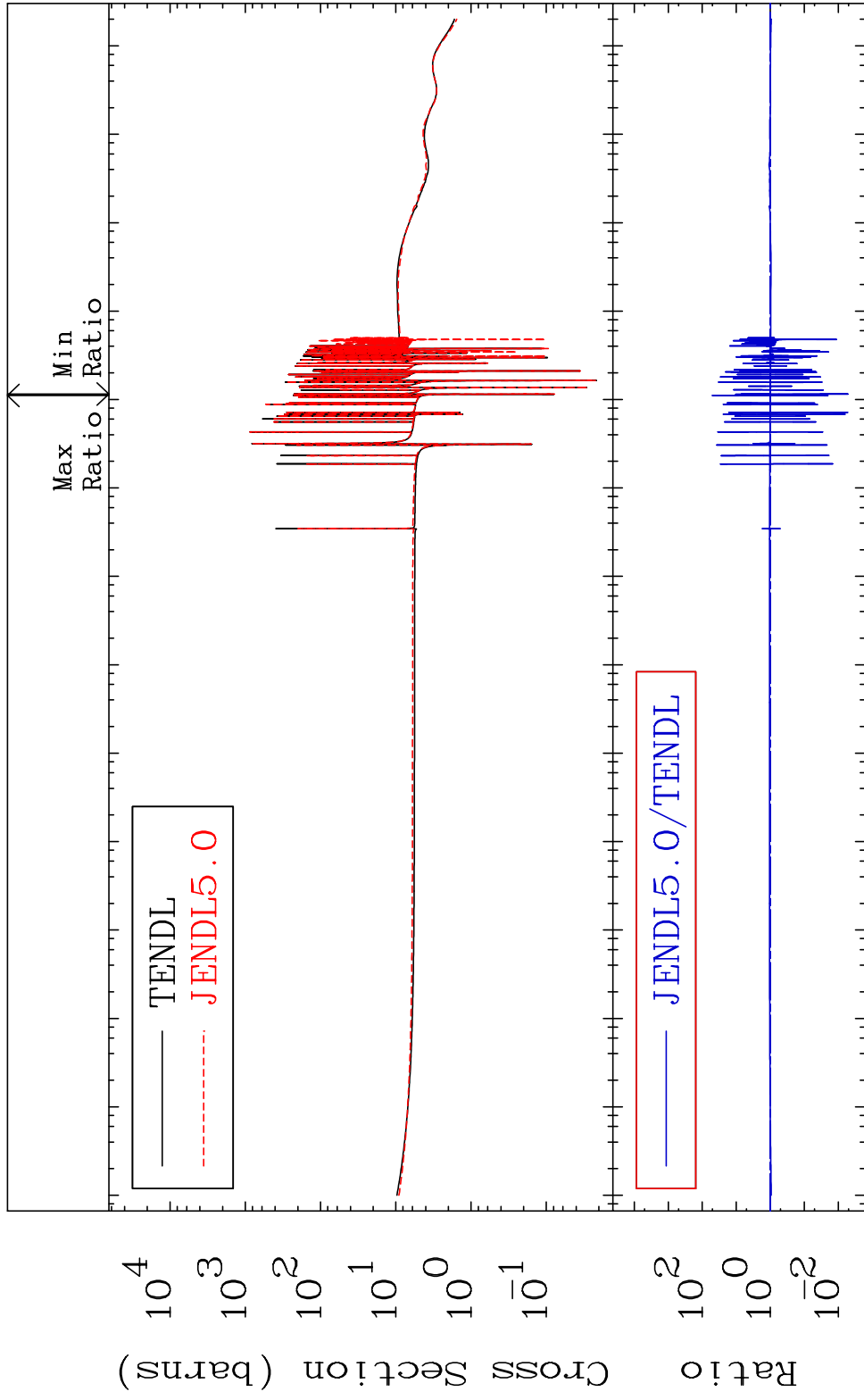
Press Mouse Button to Start

MAT 4225

Total

42-Mo-92

Cross Section -99.49 To 4951. %



1

Incident Energy (eV)

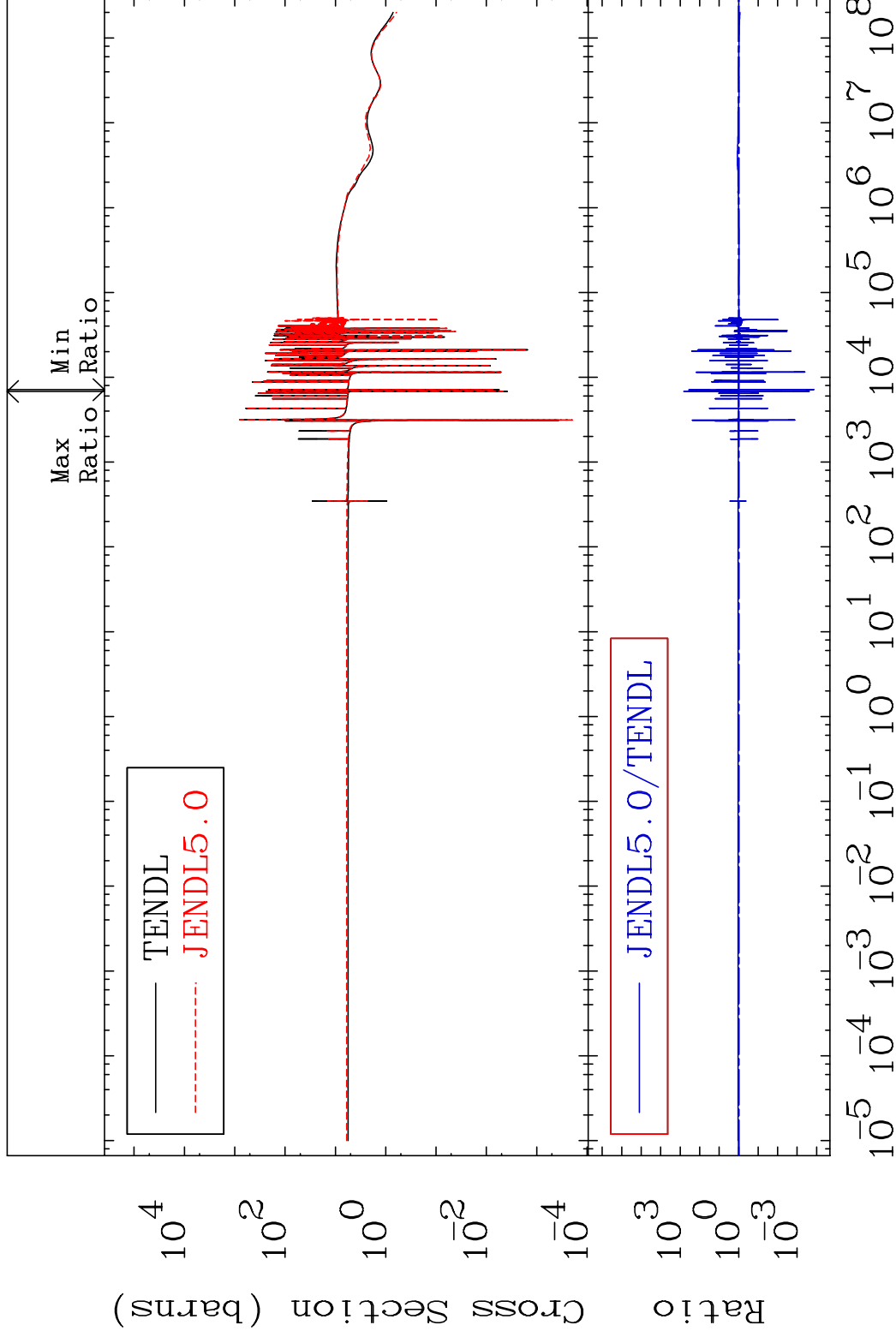
42-Mo-92

MAT 4225

Elastic

42-Mo-92

Cross Section -99.99 To 9999. %

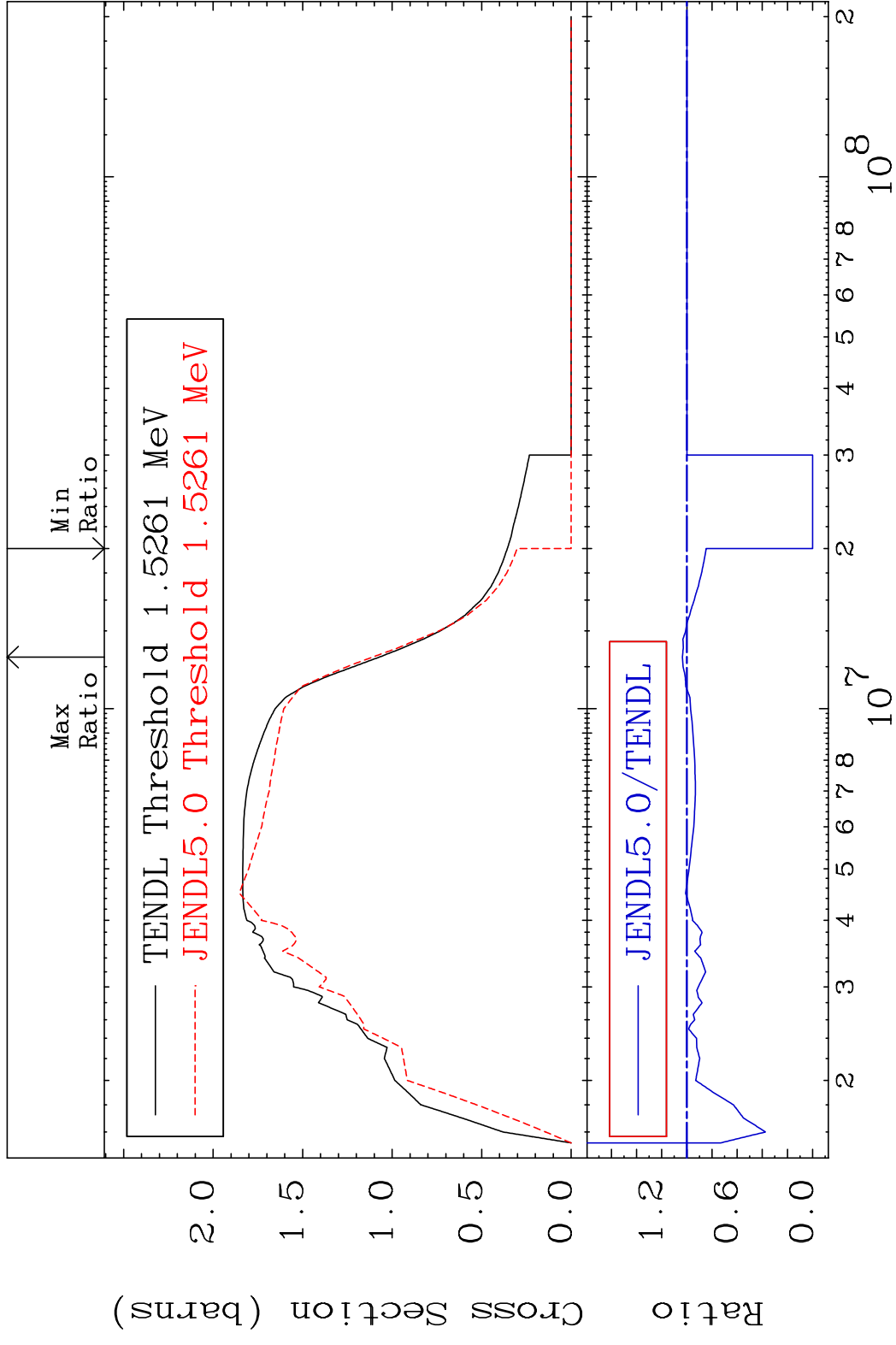


2

Incident Energy (eV)

42-Mo-92

MAT 4225 Inelastic Cross Section -100.0 To 3.568 % 42-Mo-92

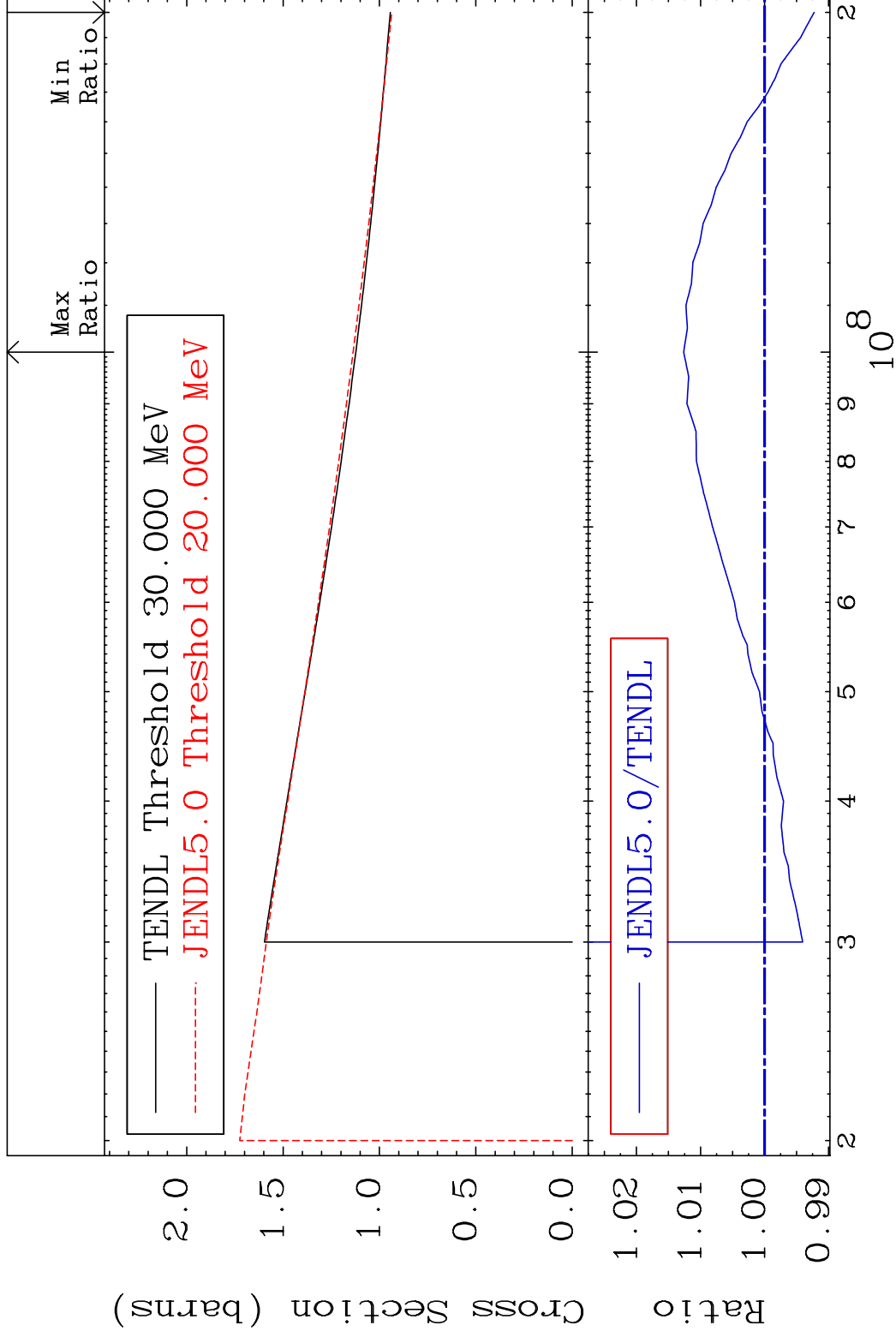


MAT 4225

(n, remainder)

42-Mo-92

Cross Section -0.773 To 1.263 %

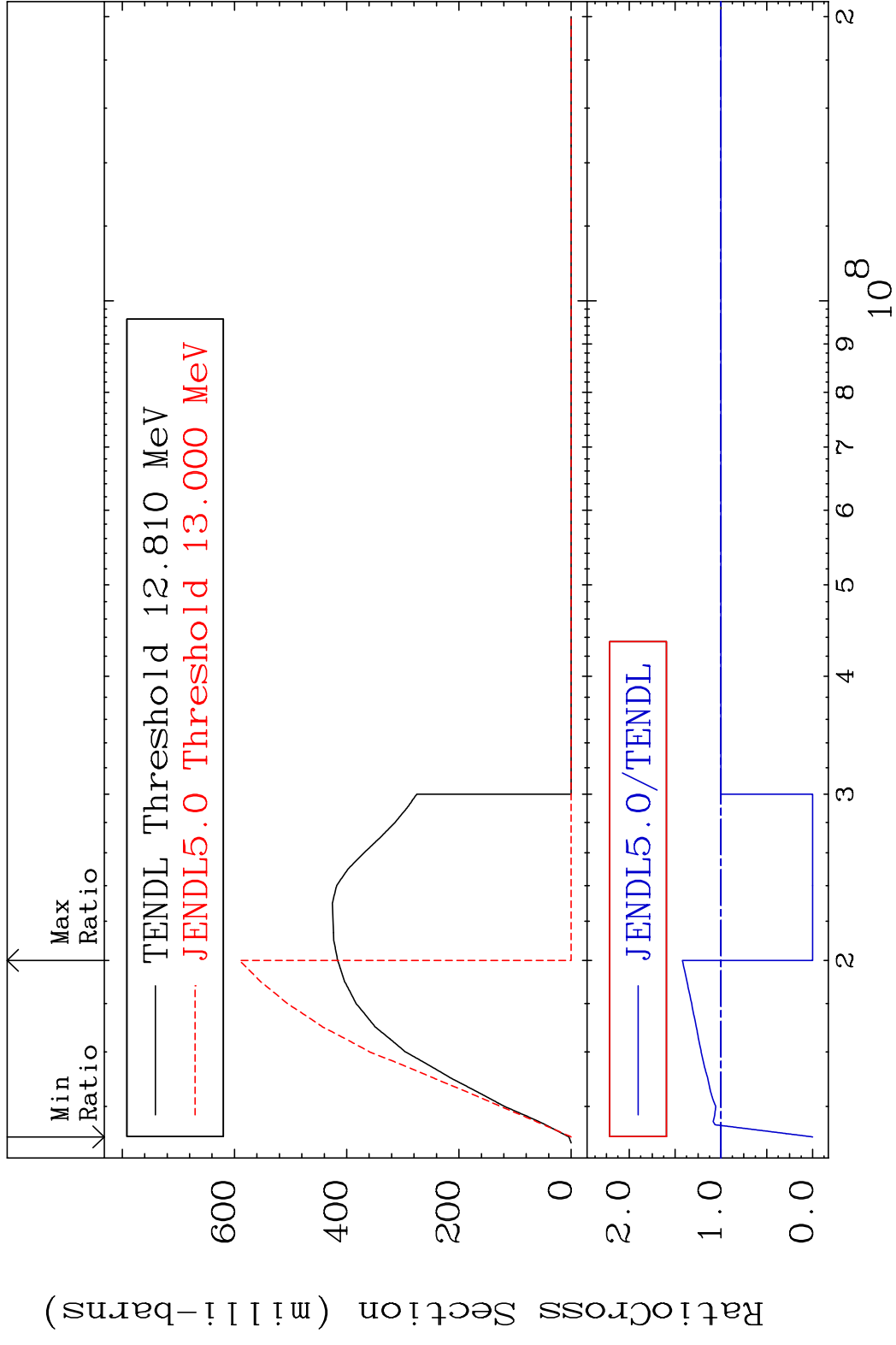


4

Incident Energy (eV)

42-Mo-92

MAT 4225 (n,2n) 42-Mo-92
 Cross Section -100.0 To 42.10 %

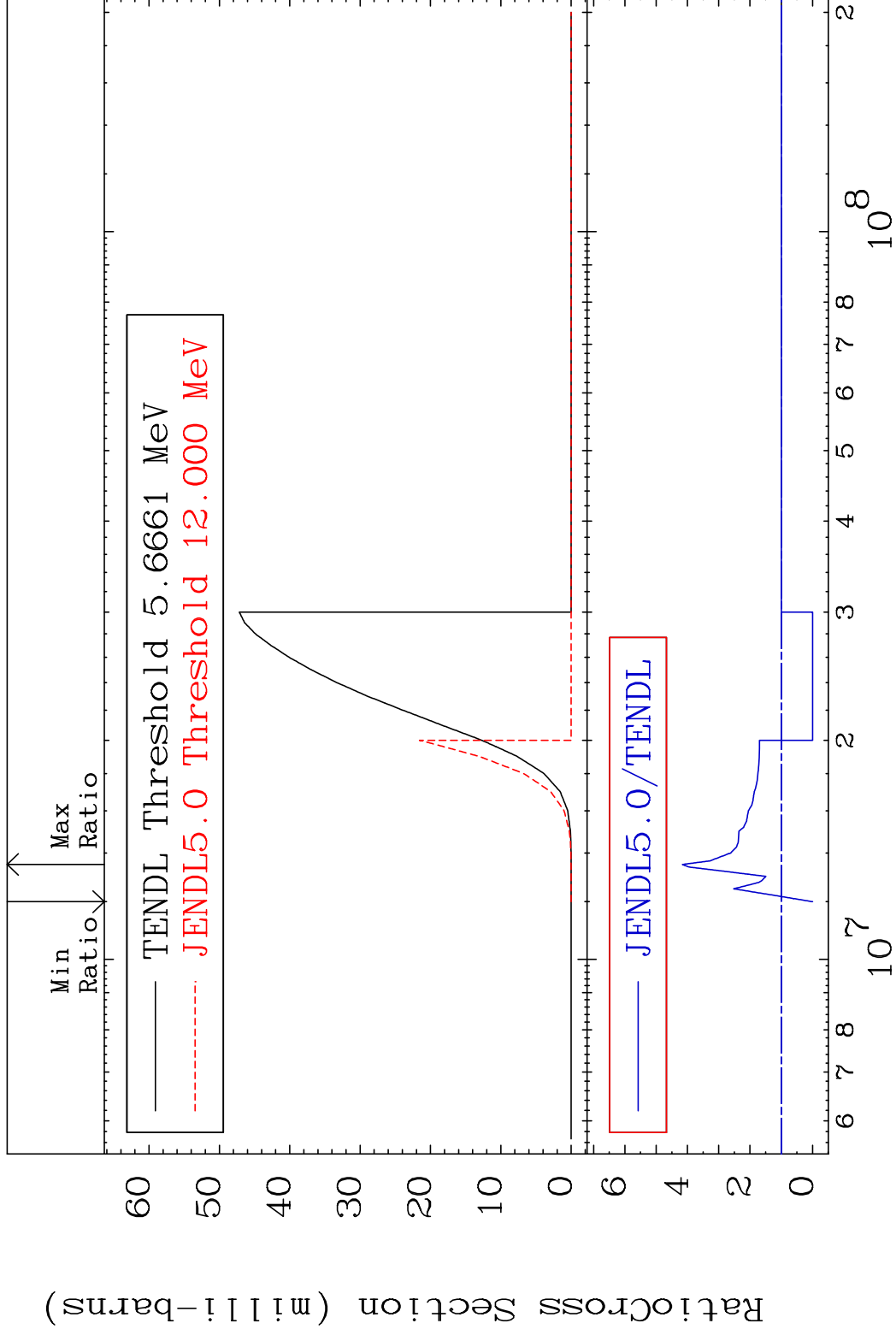


MAT 4225

(n, n') α

42-Mo-92

Cross Section -100.0 To 316.3 %

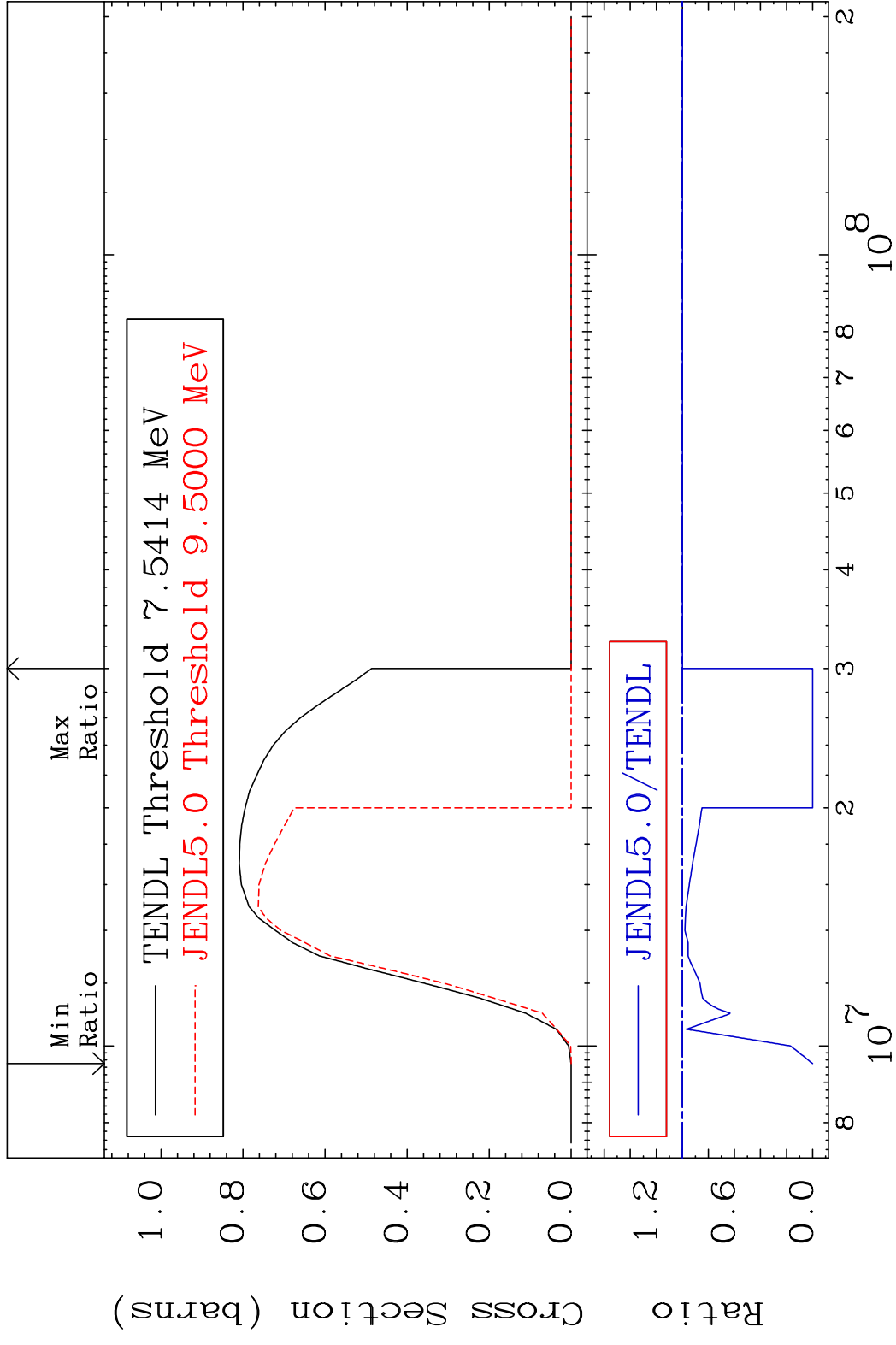


6

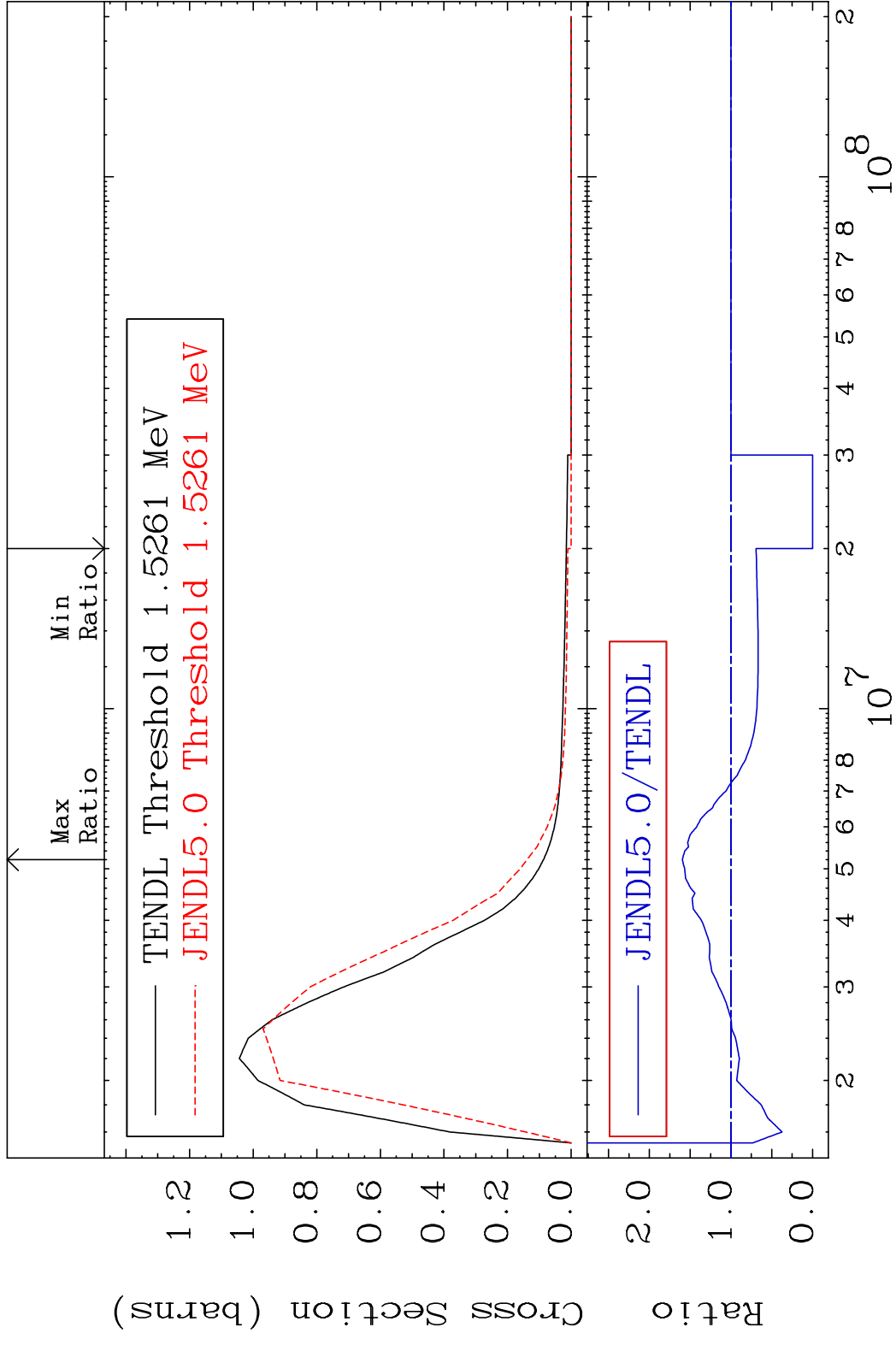
Incident Energy (eV)

42-Mo-92

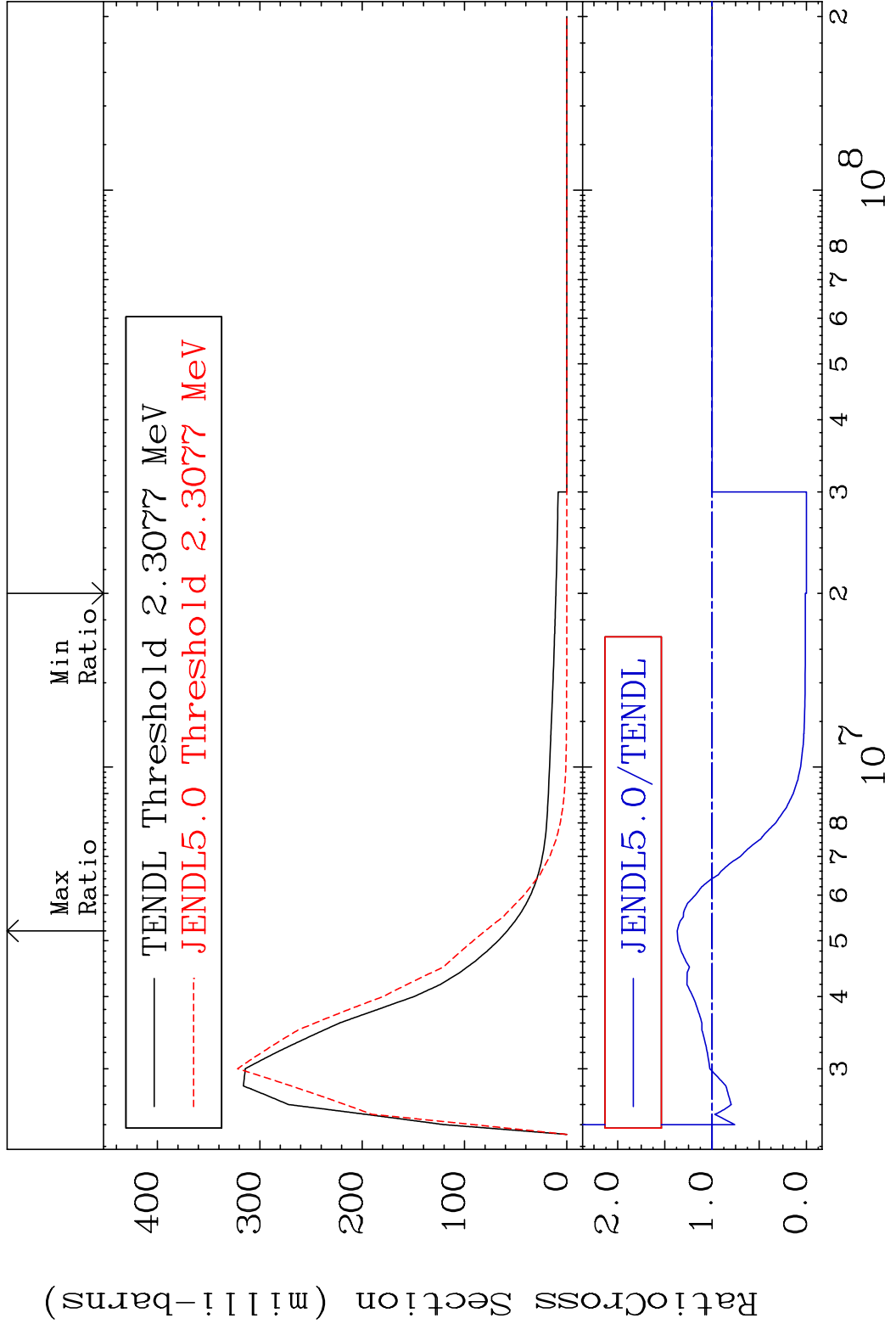
MAT 4225 (n, n') p 42-Mo-92
 Cross Section -100.0 To 0.000 %



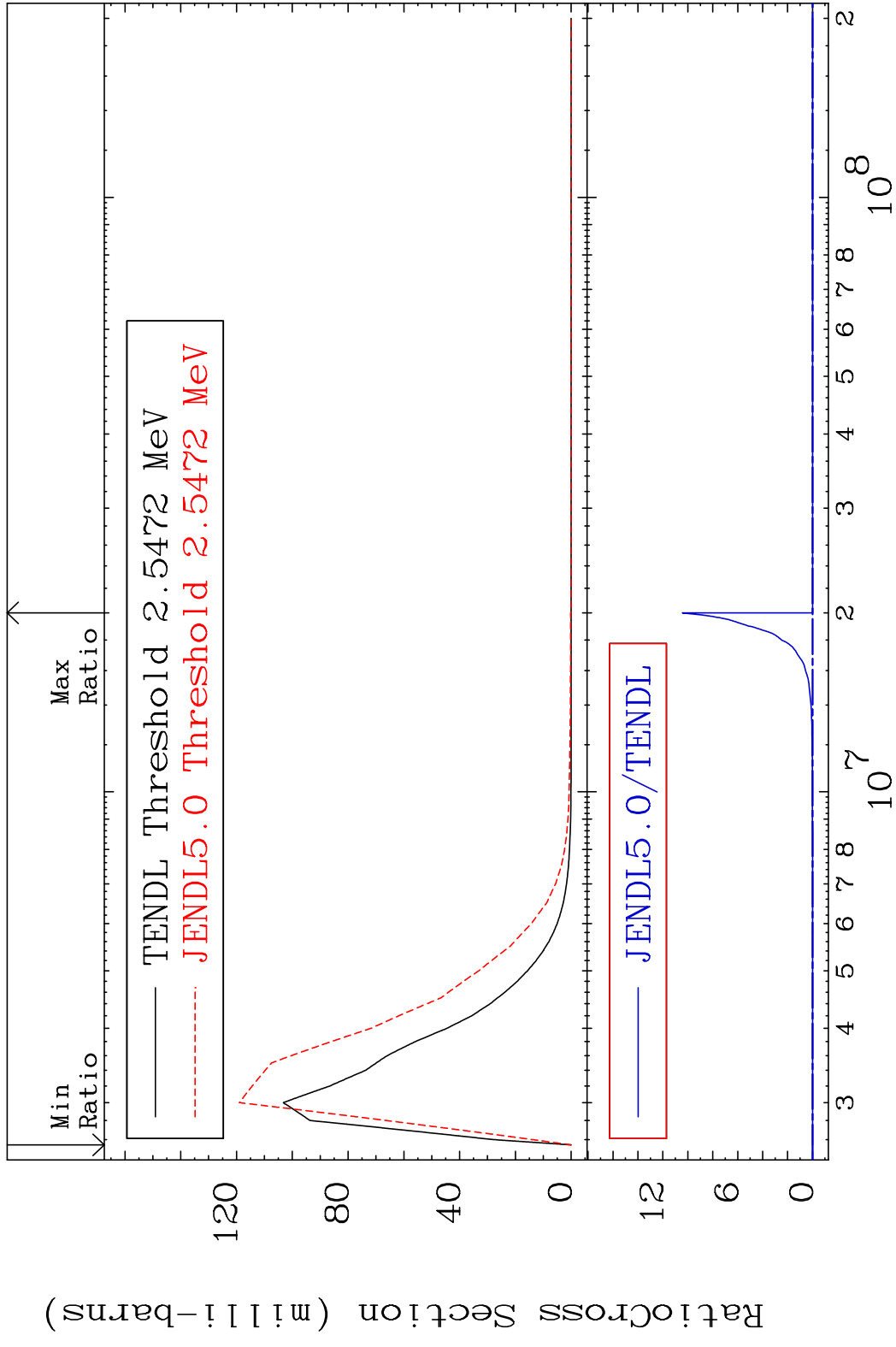
MAT 4225 MT= 51 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 59.60 %



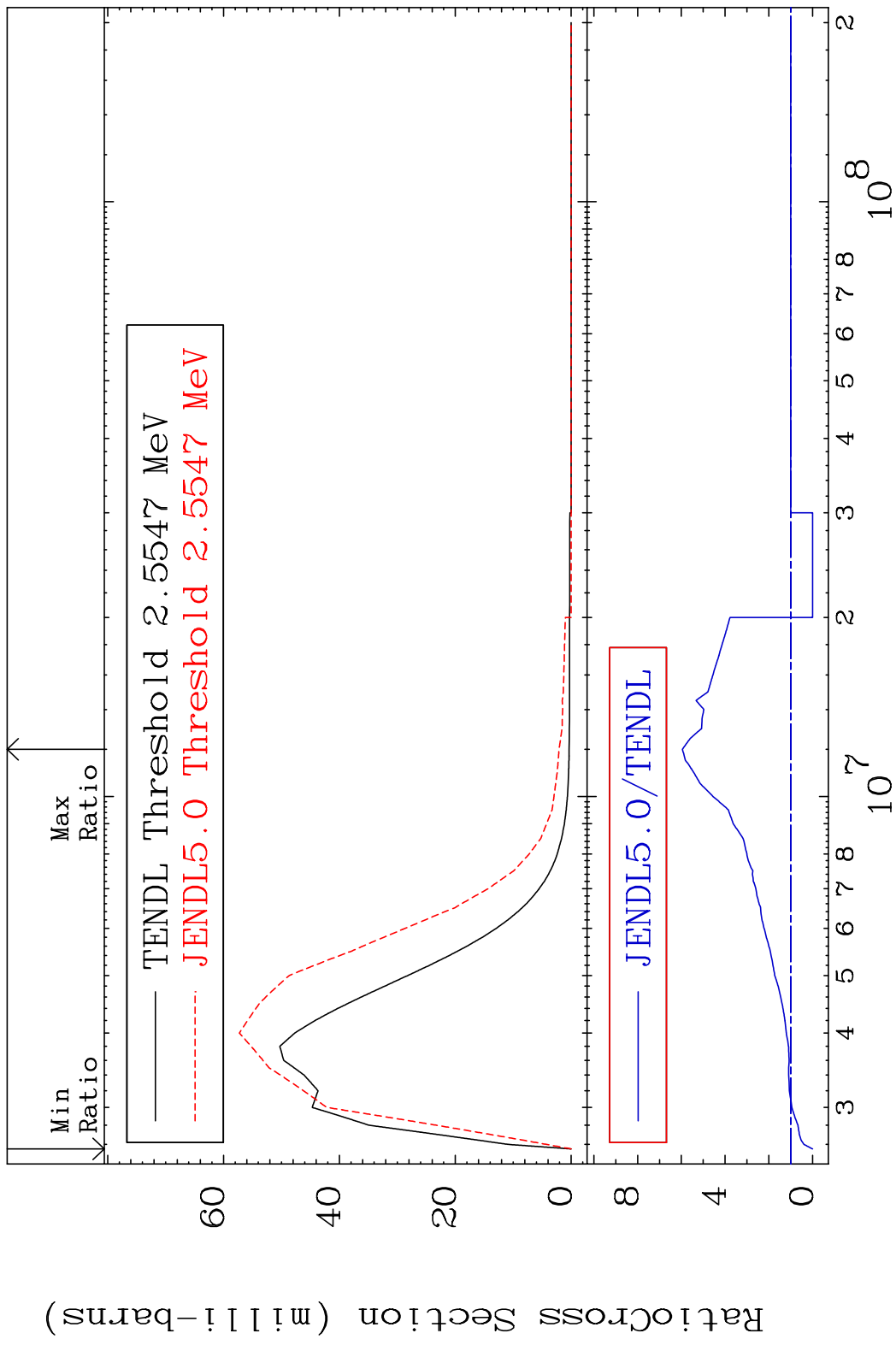
MAT 4225 MT= 52 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 36.91 %



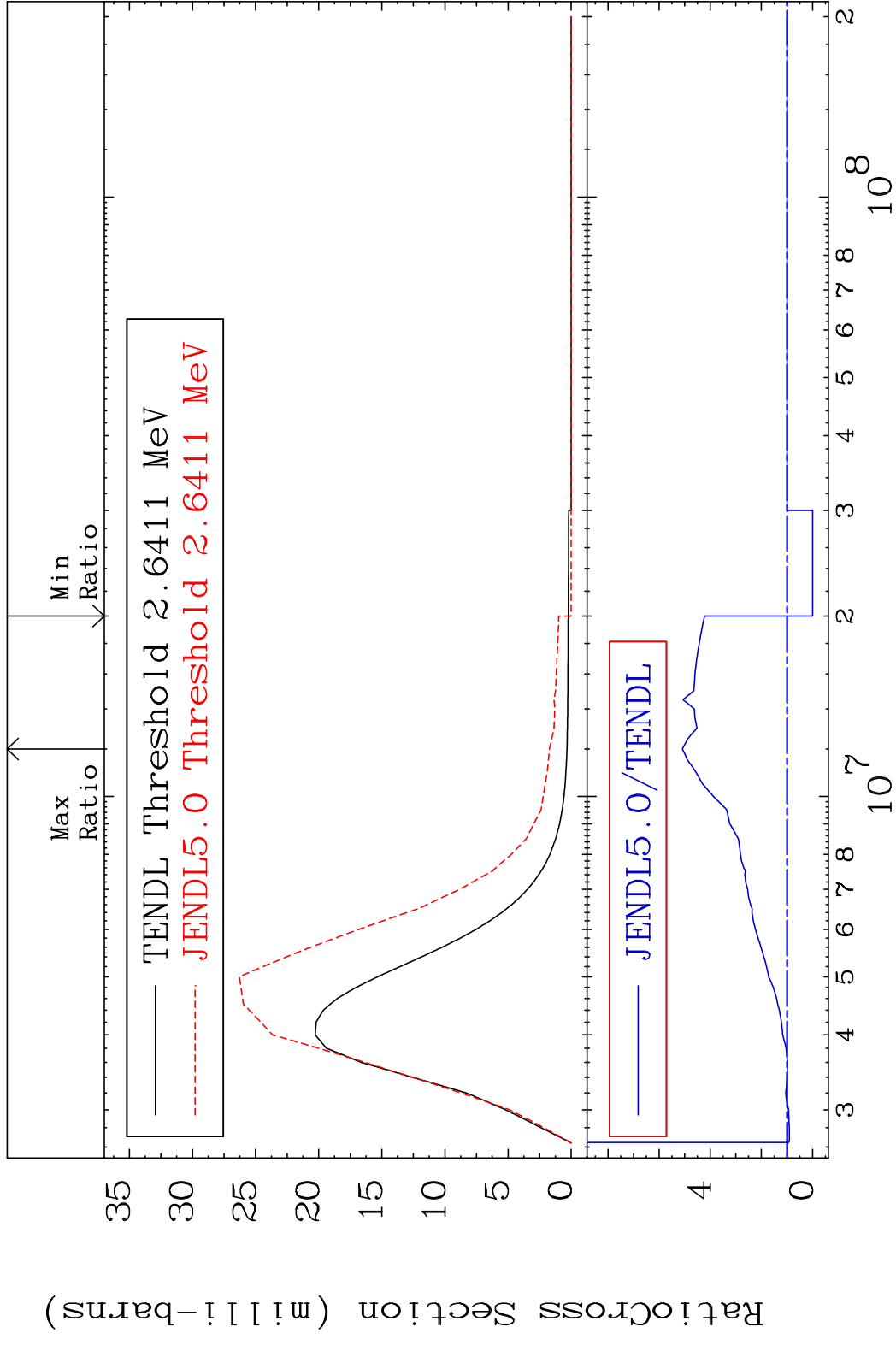
MAT 4225 MT= 53 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 9999. %



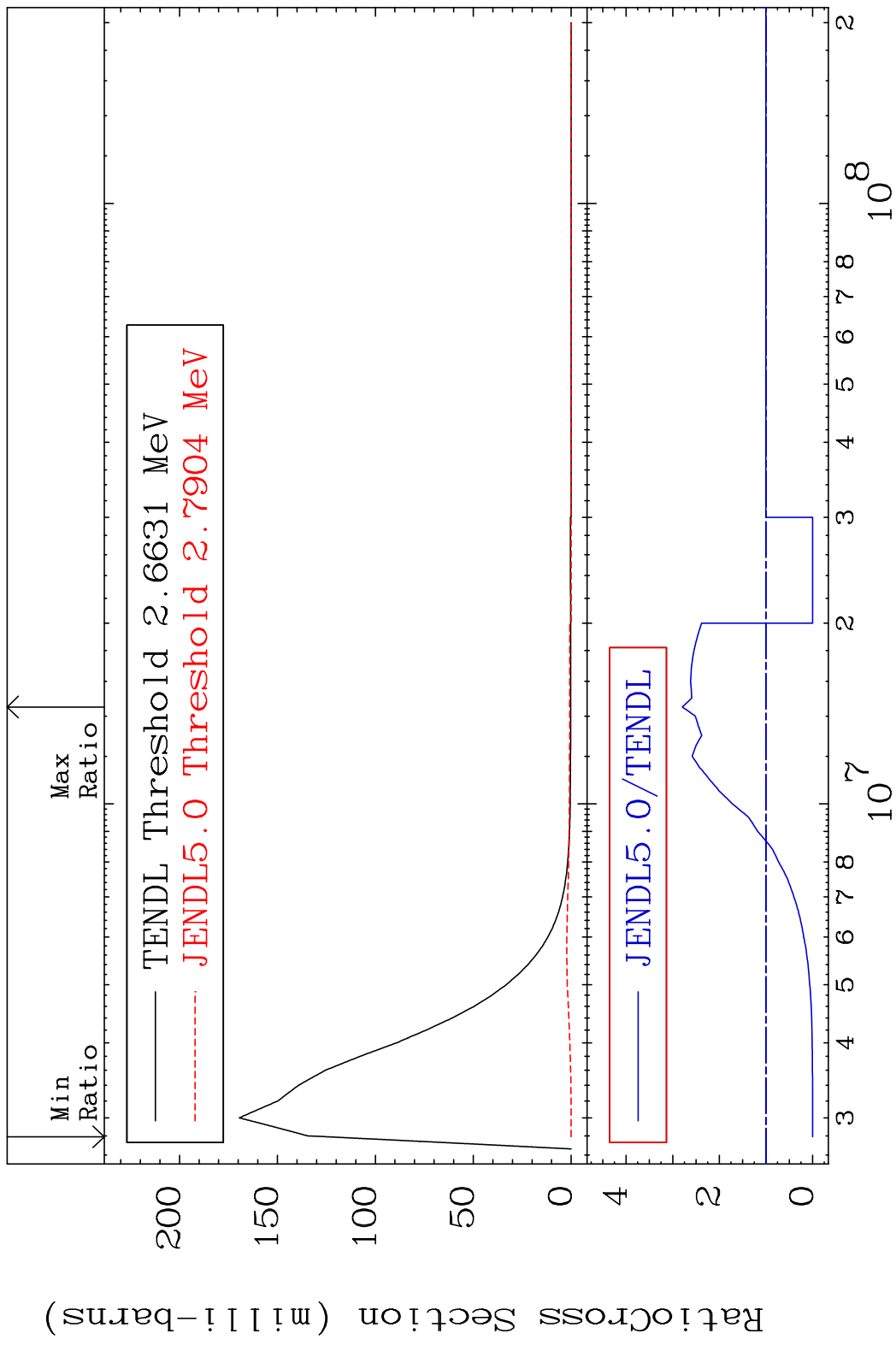
MAT 4225 MT= 54 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 495.4 %



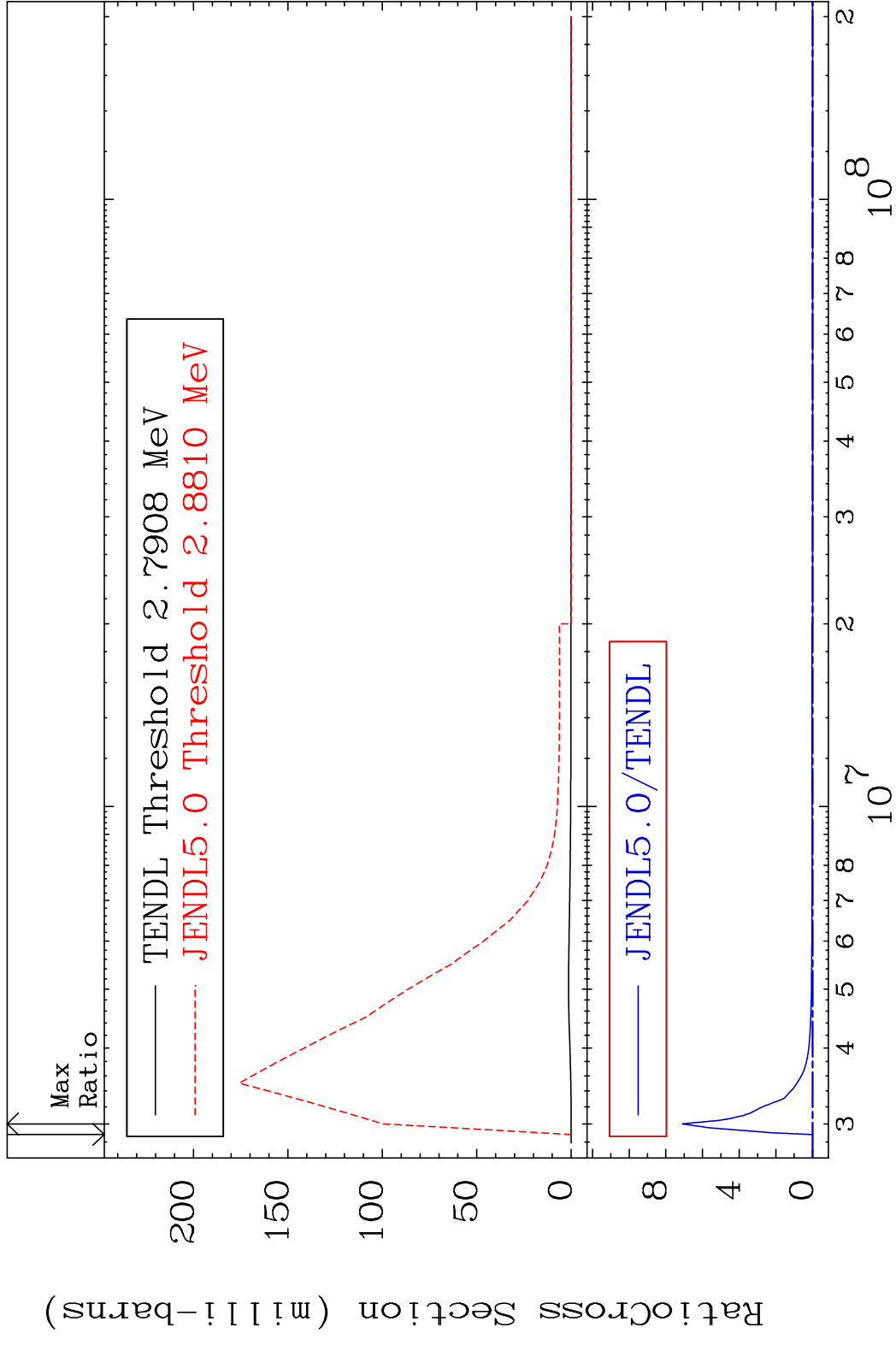
MAT 4225 MT= 55 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 409.1 %



MAT 4225 MT= 56 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 179.3 %

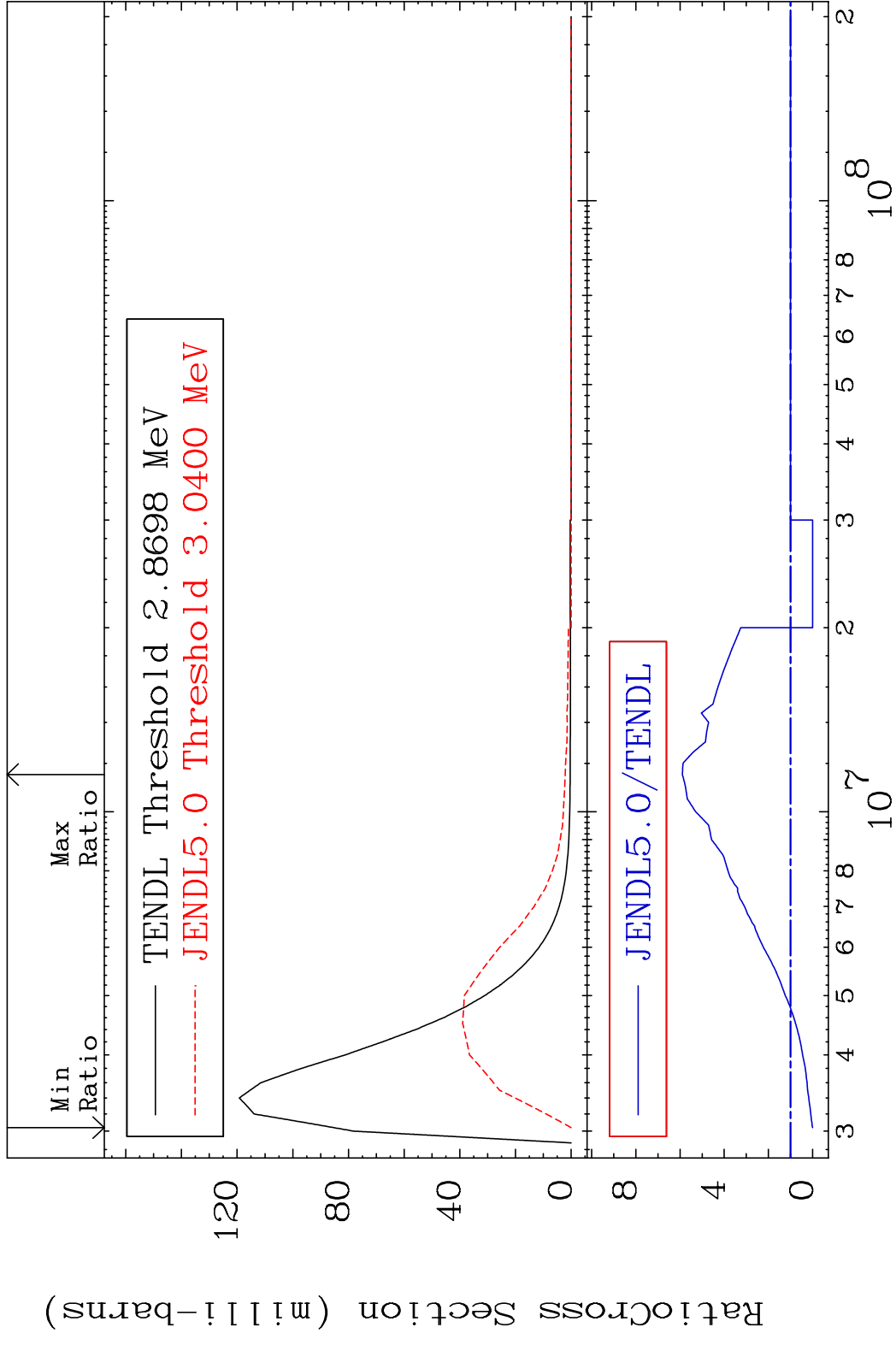


MAT 4225 MT= 57 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 9999. %

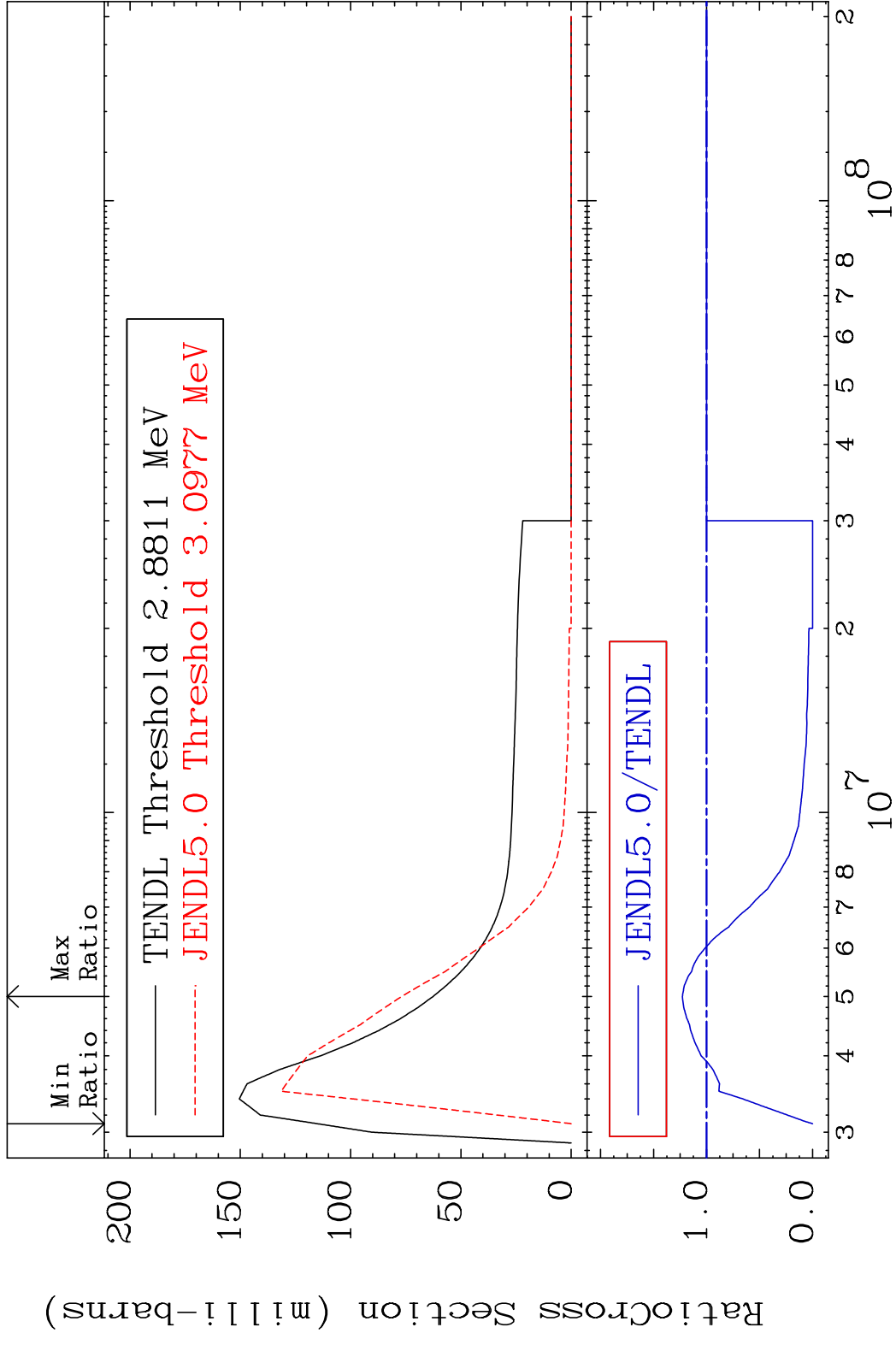


14 Incident Energy (eV) 42-Mo-92

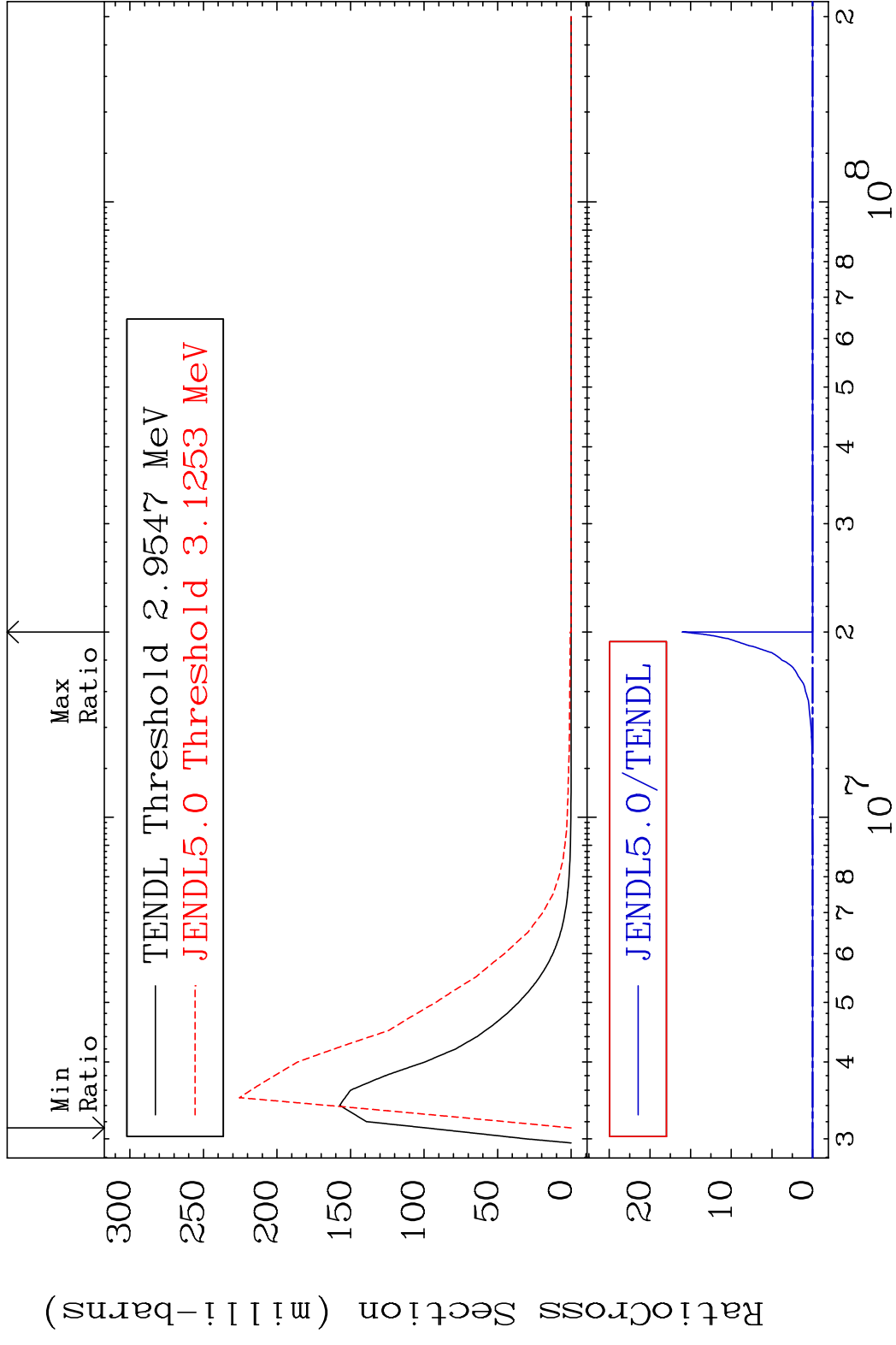
MAT 4225 MT= 58 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 489.5 %



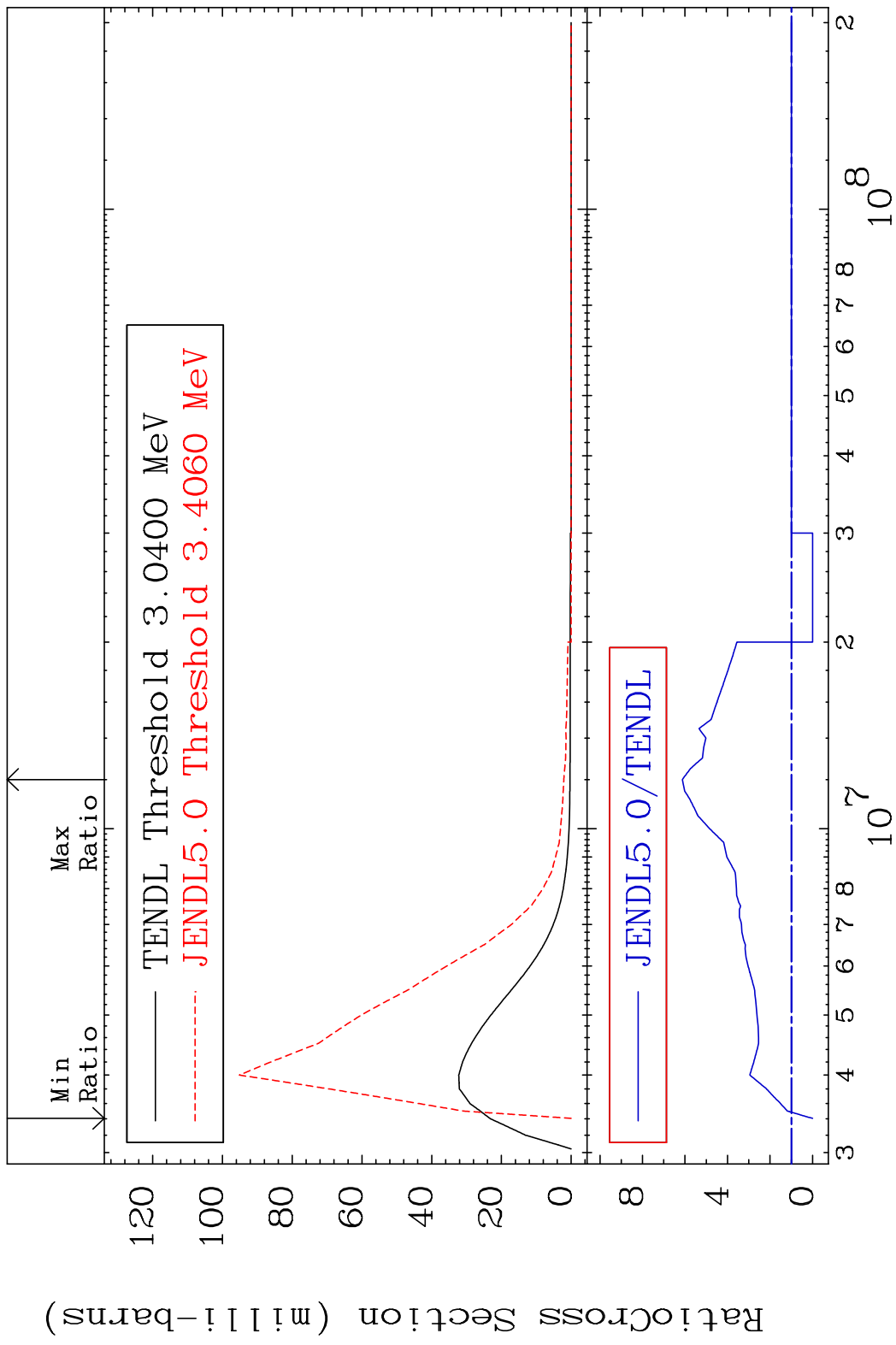
MAT 4225 MT= 59 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 22.85 %



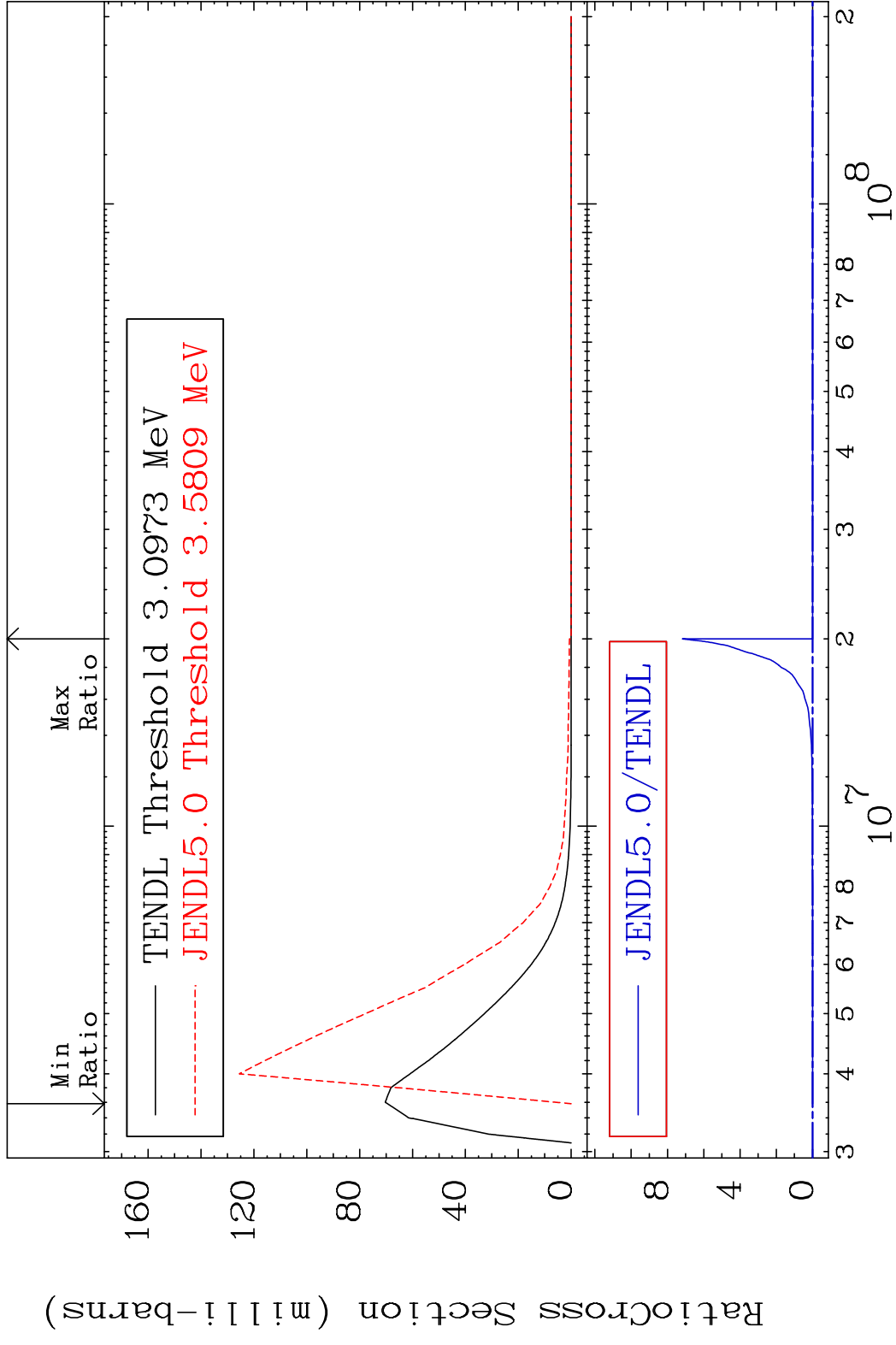
MAT 4225 MT= 60 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 9999. %



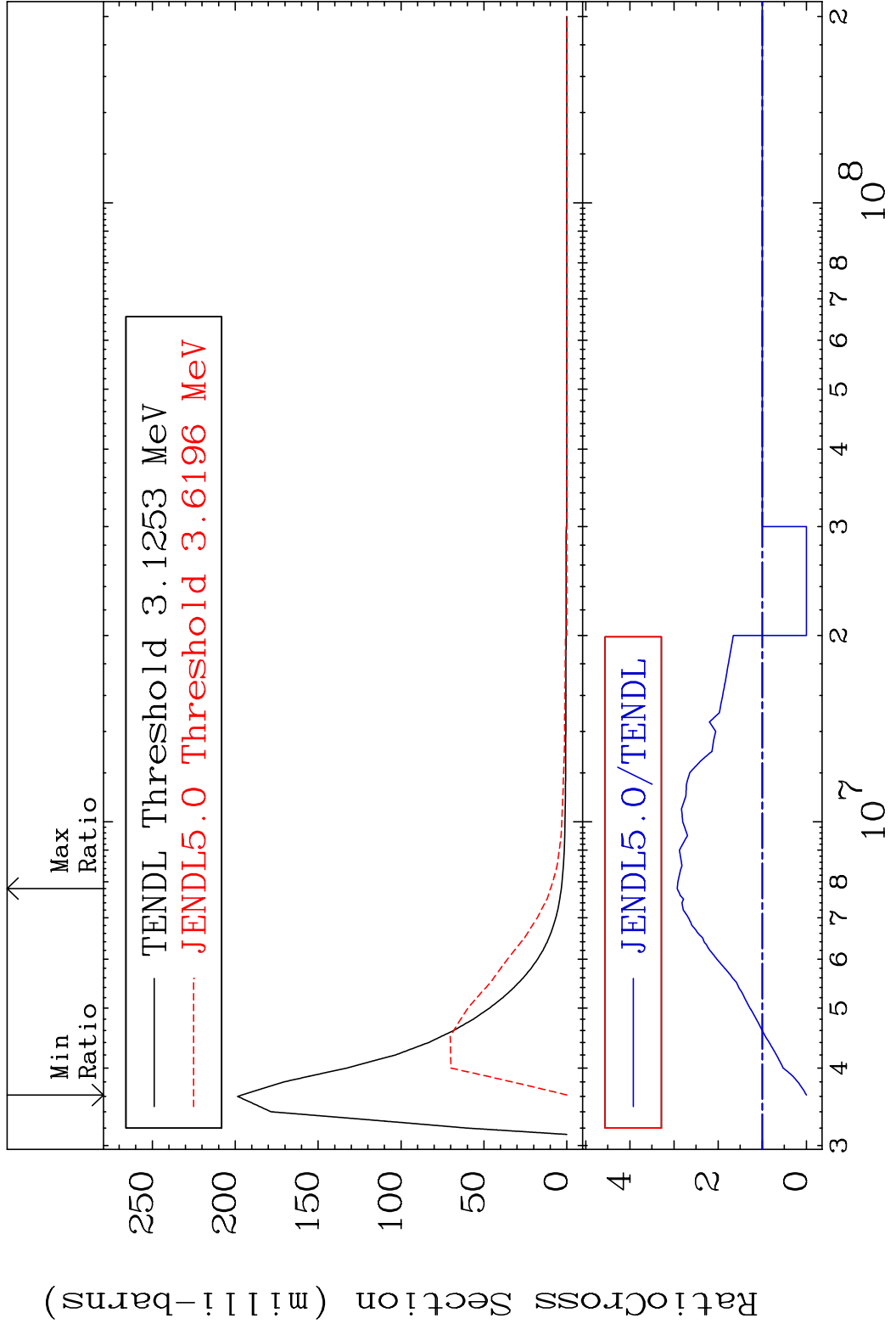
MAT 4225 MT= 61 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 512.5 %



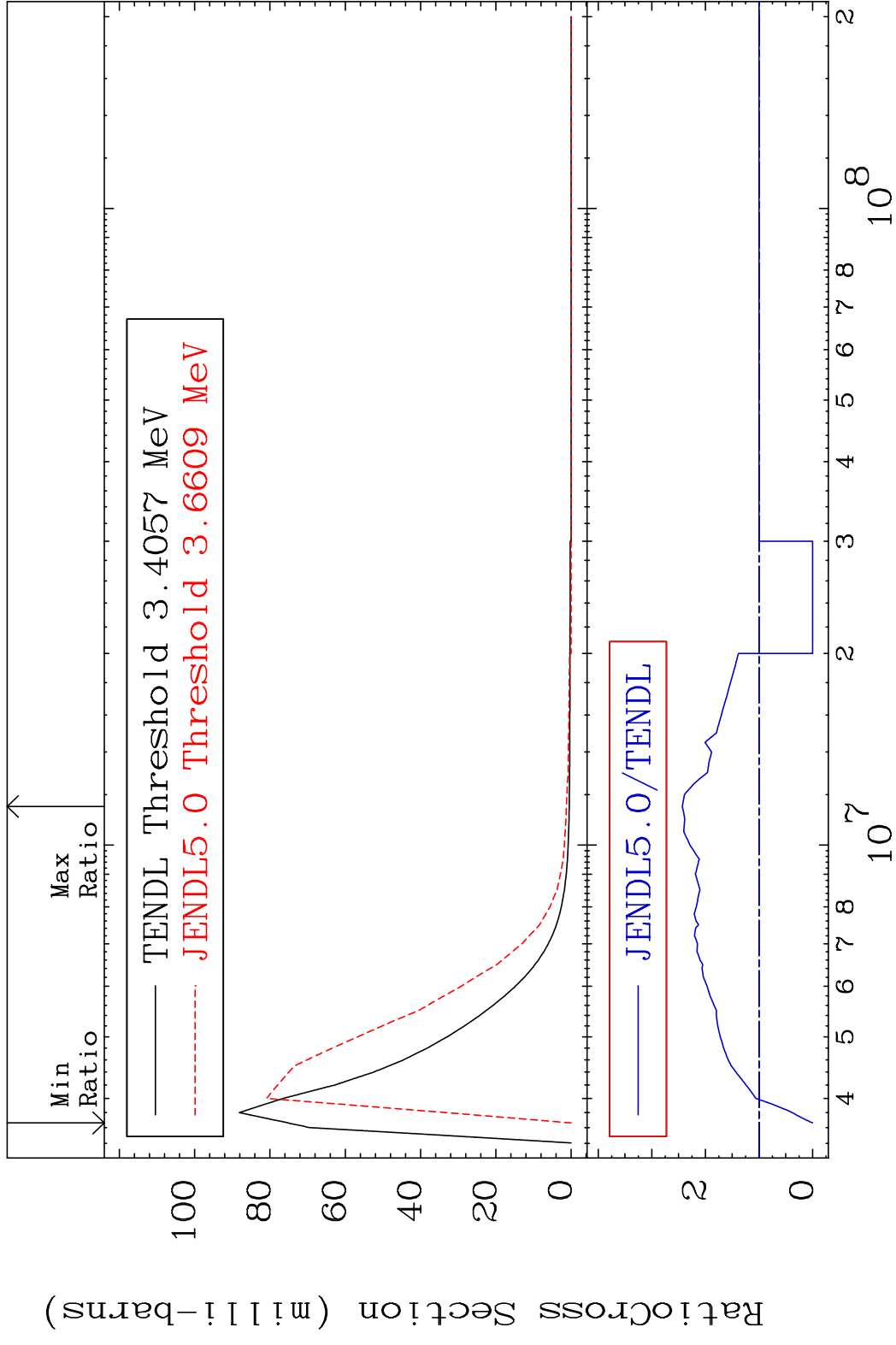
MAT 4225 MT= 62 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 9999. %



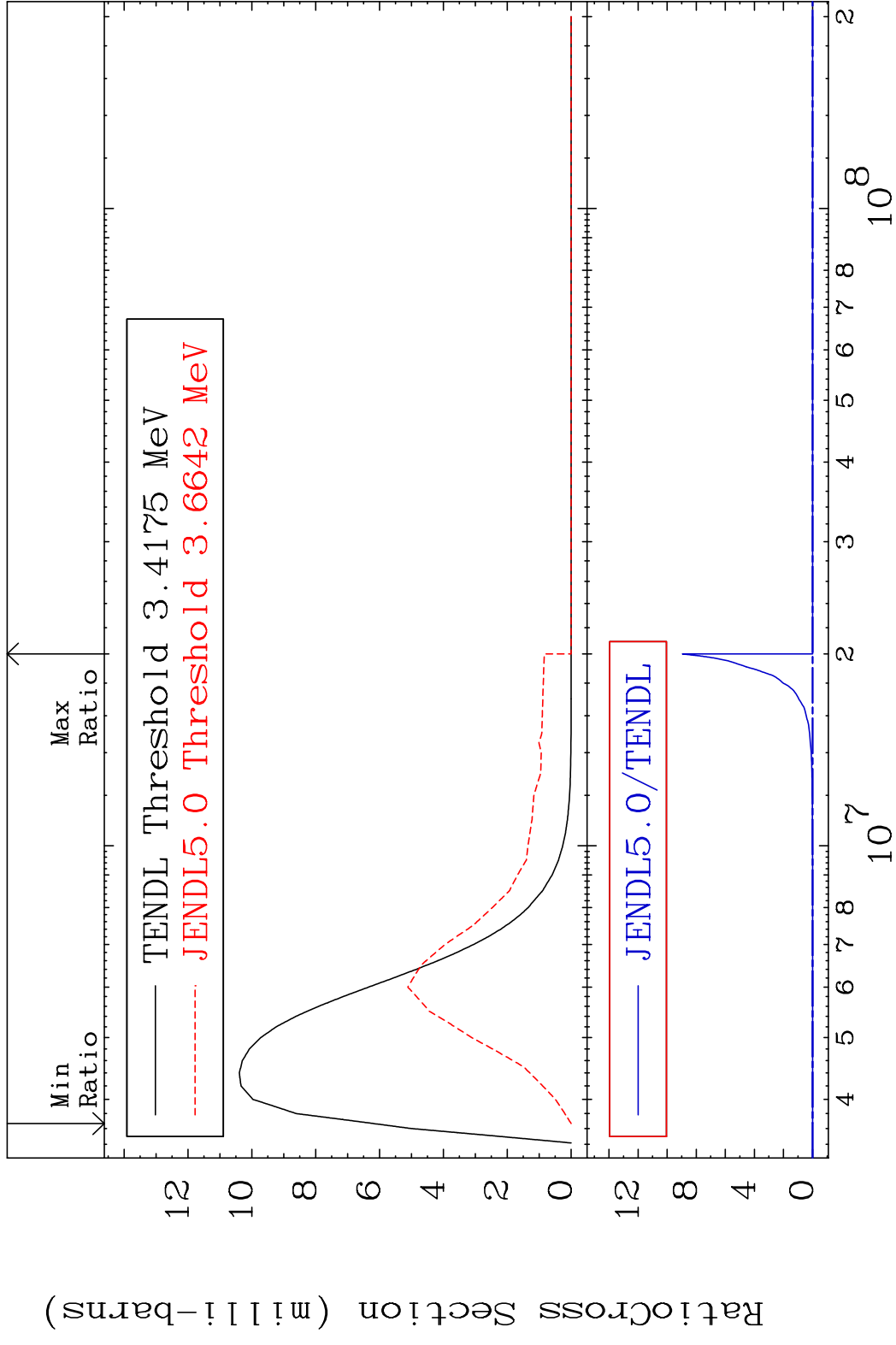
MAT 4225 MT= 63 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 192.8 %



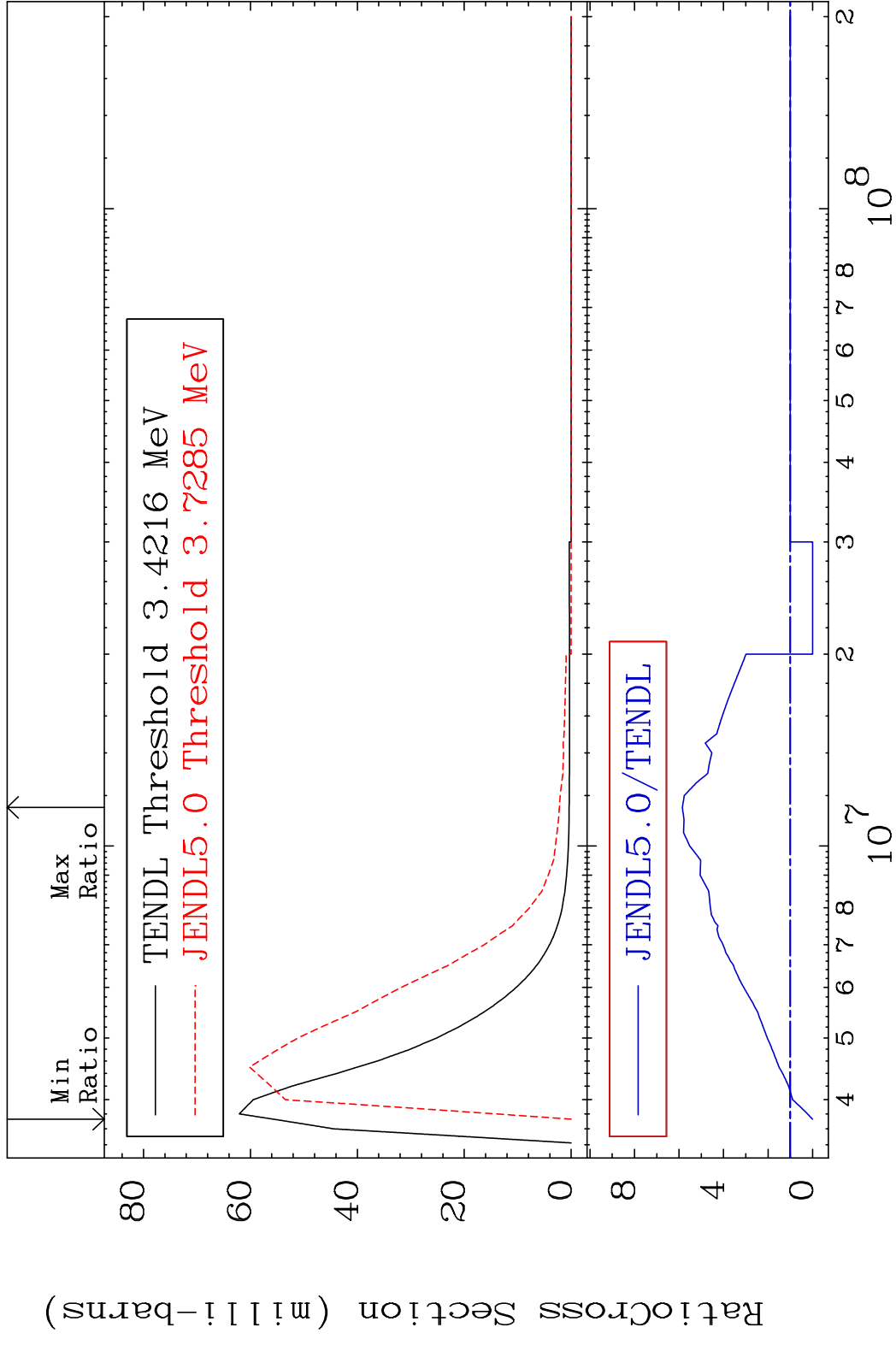
MAT 4225 MT= 64 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 143.0 %



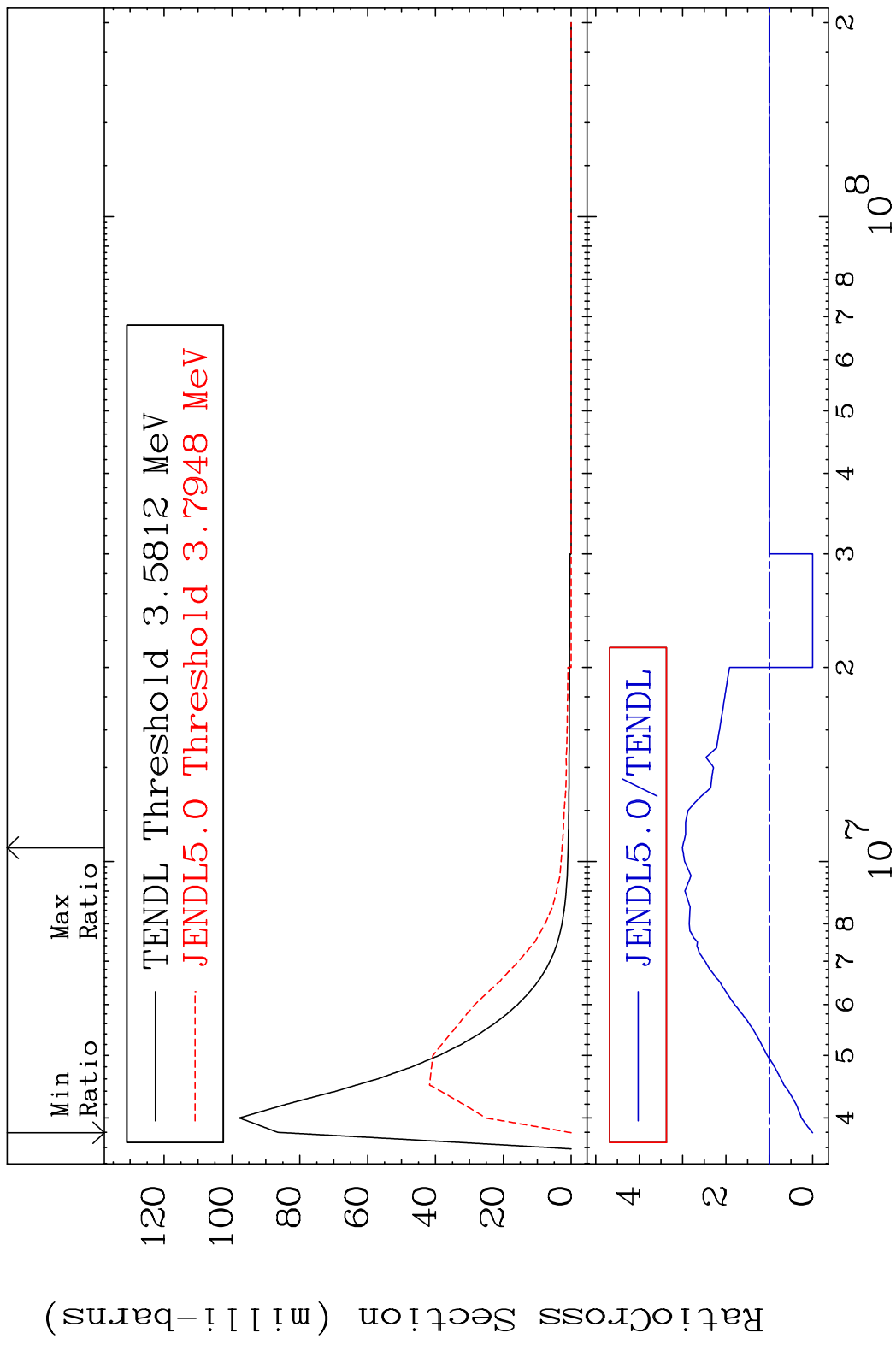
MAT 4225 MT= 65 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 9999. %



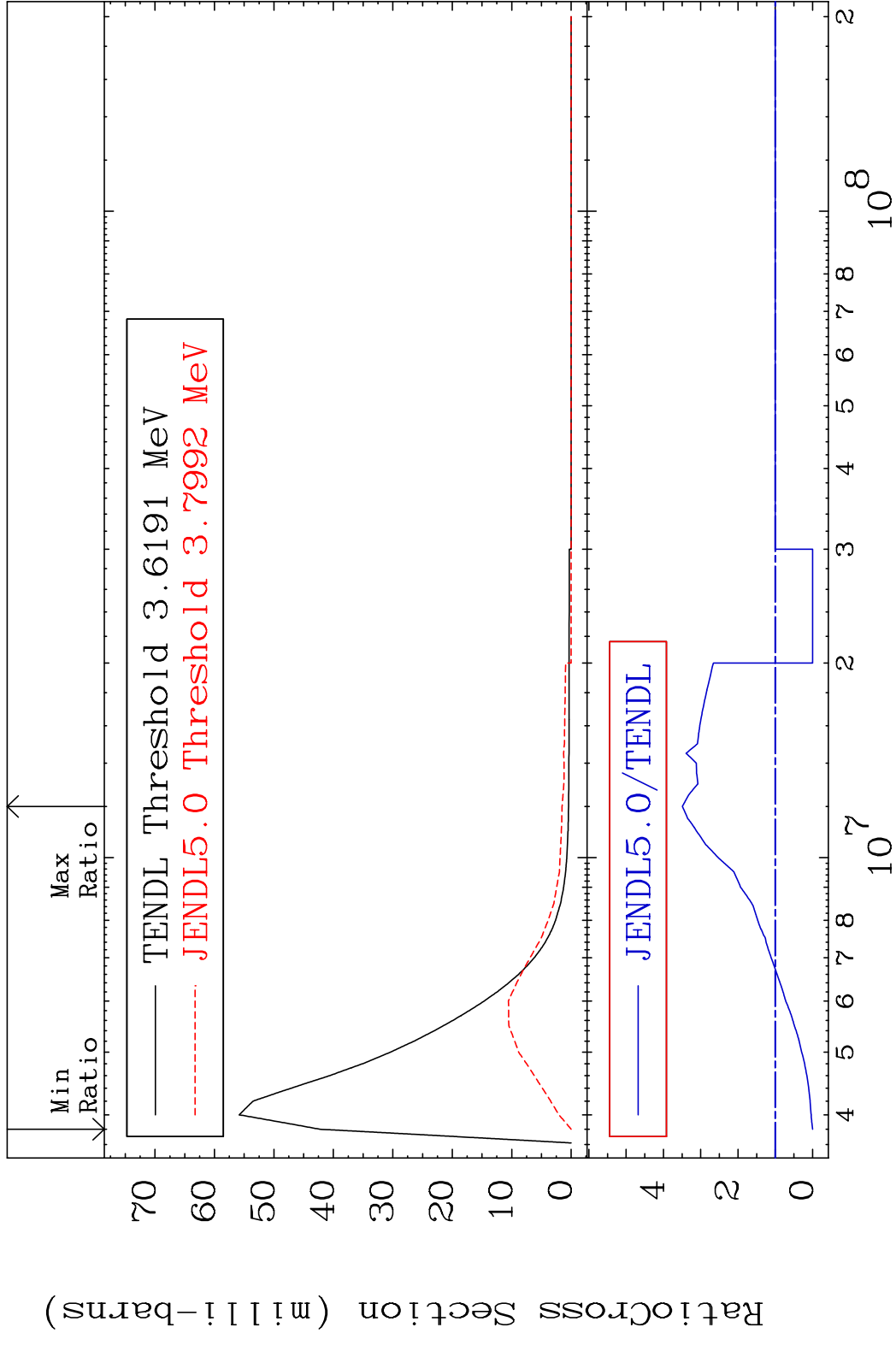
MAT 4225 MT= 66 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 484.9 %



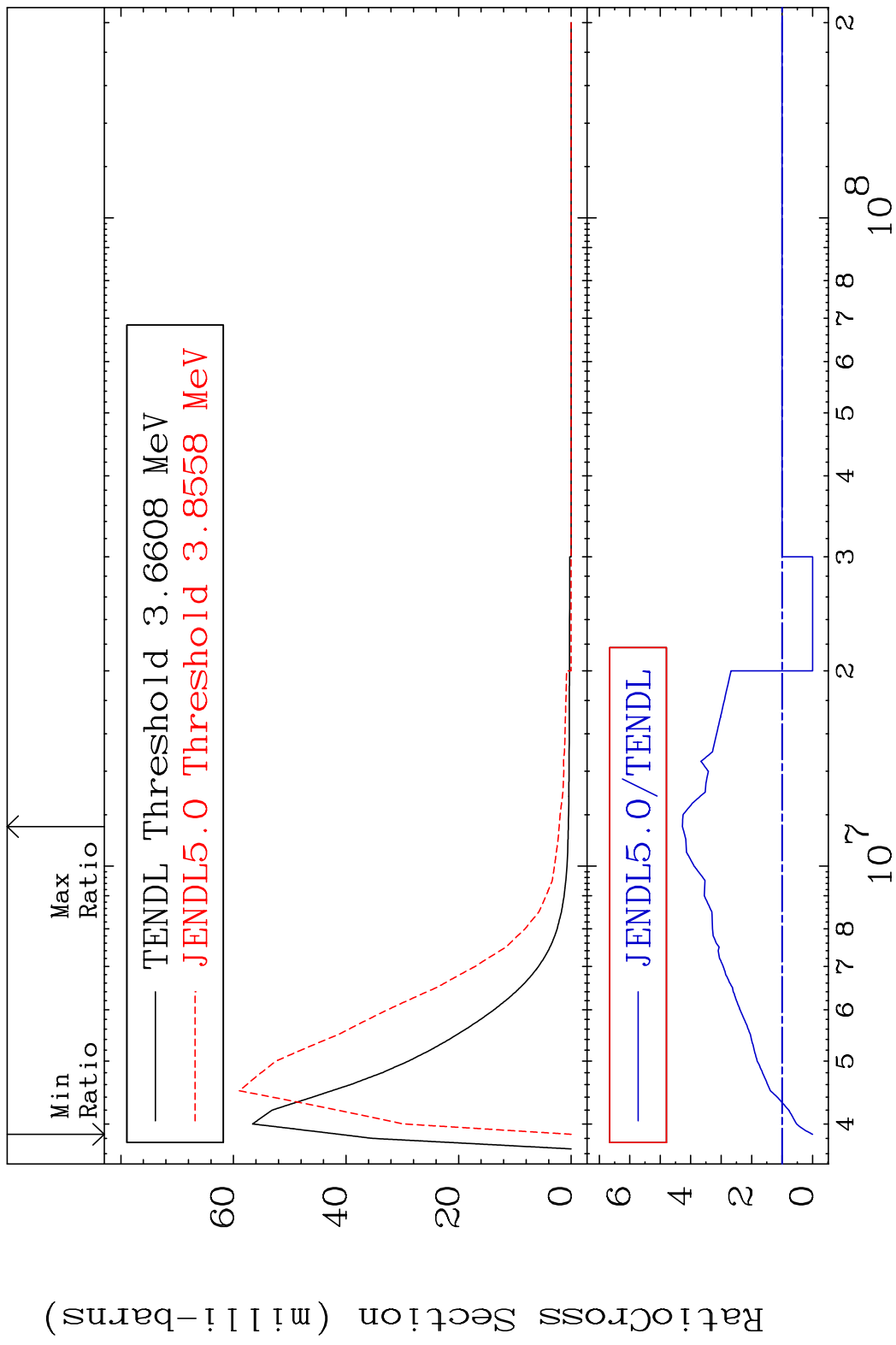
MAT 4225 MT= 67 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 200.4 %



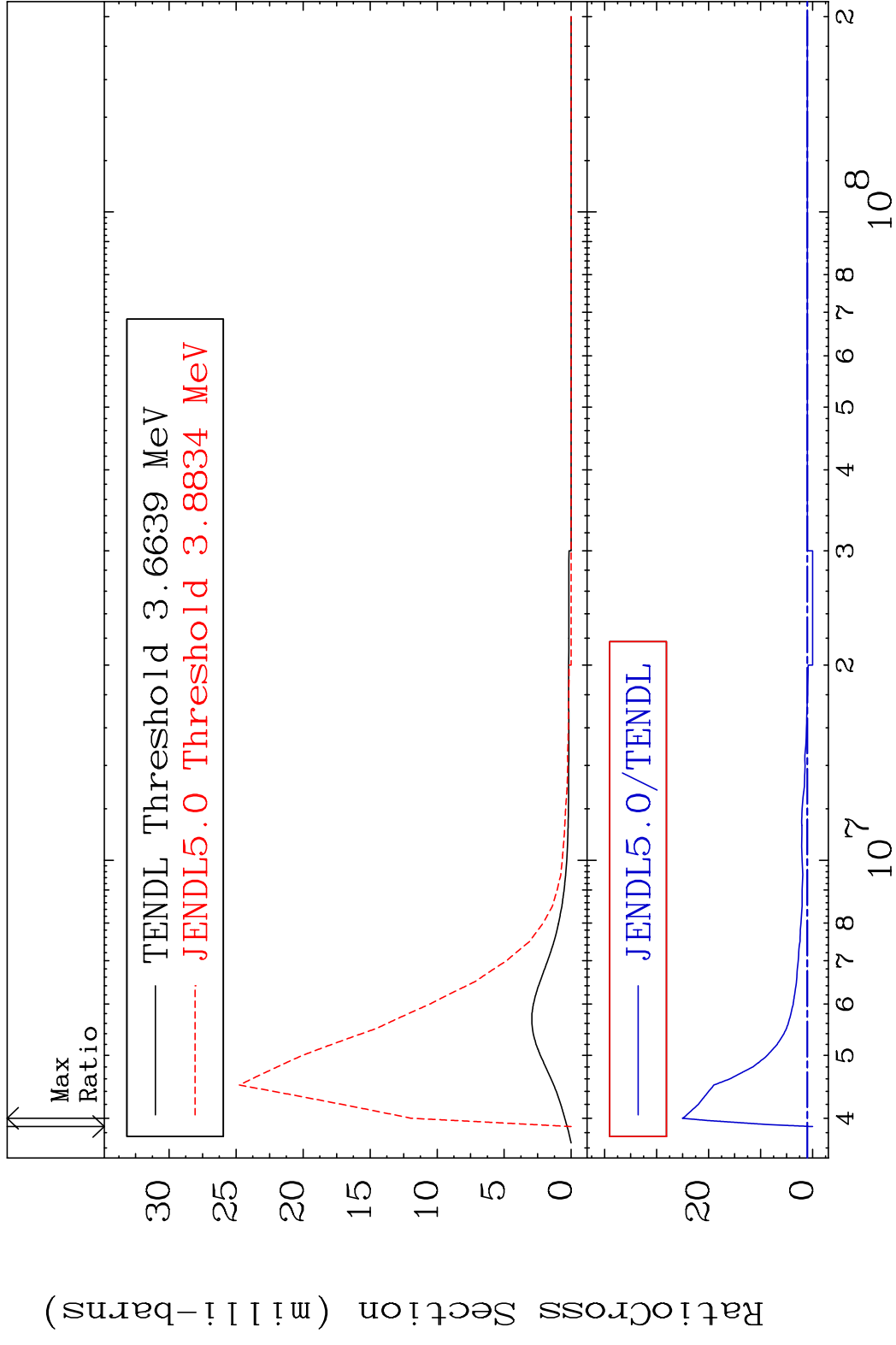
MAT 4225 MT= 68 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 249.2 %



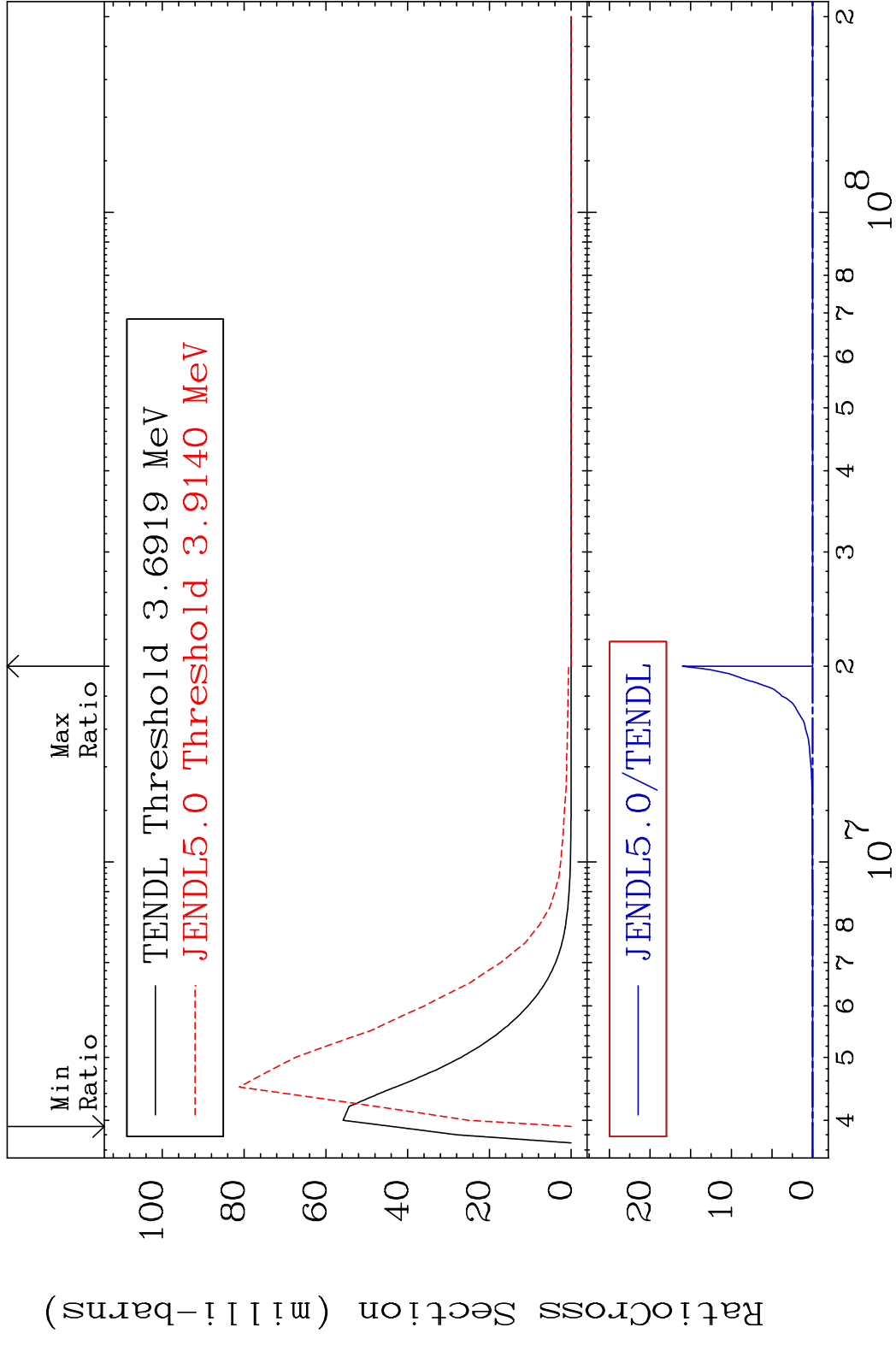
MAT 4225 MT= 69 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 327.4 %



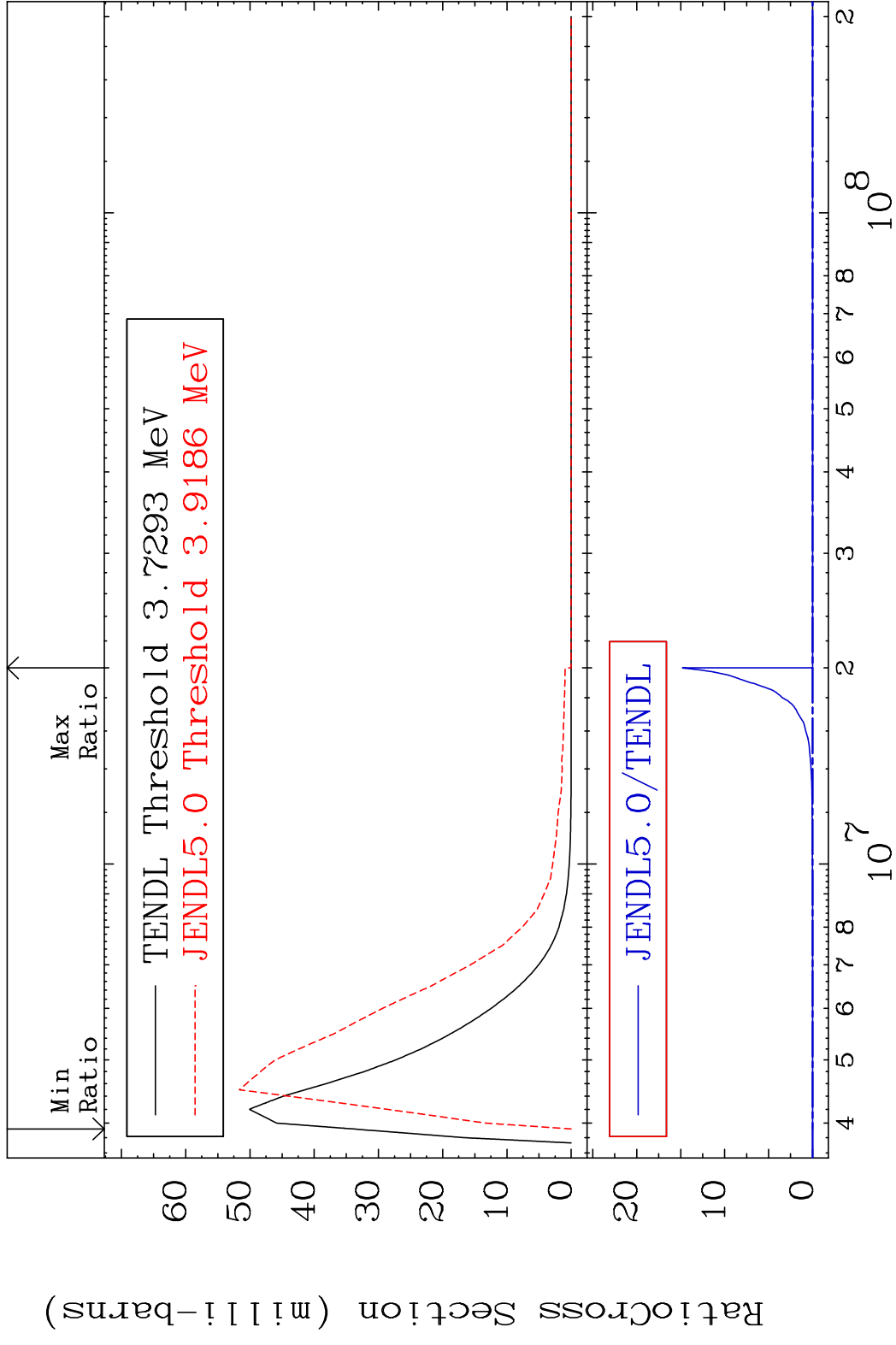
MAT 4225 MT= 70 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 2405. %



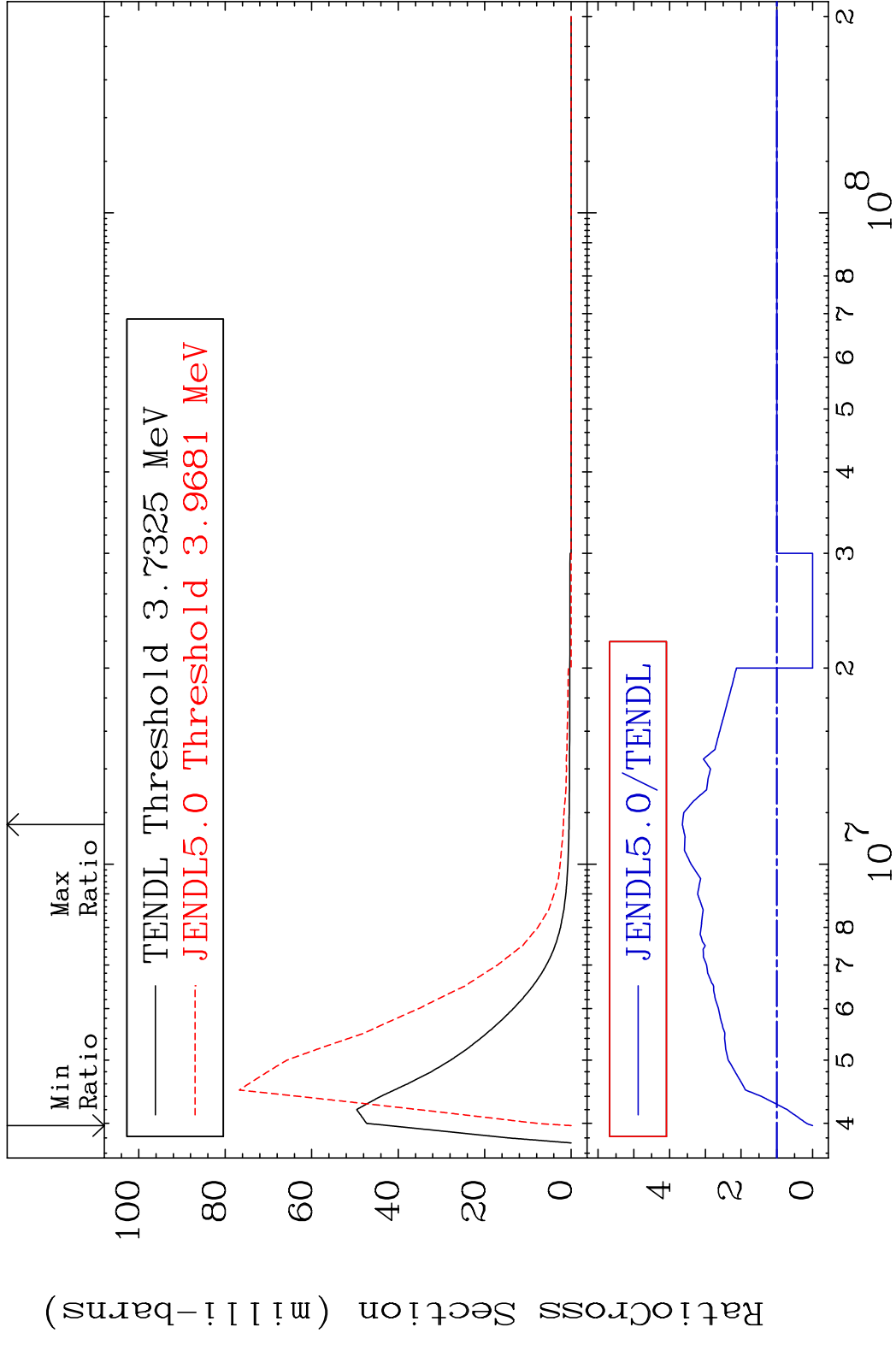
MAT 4225 MT= 71 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 9999. %



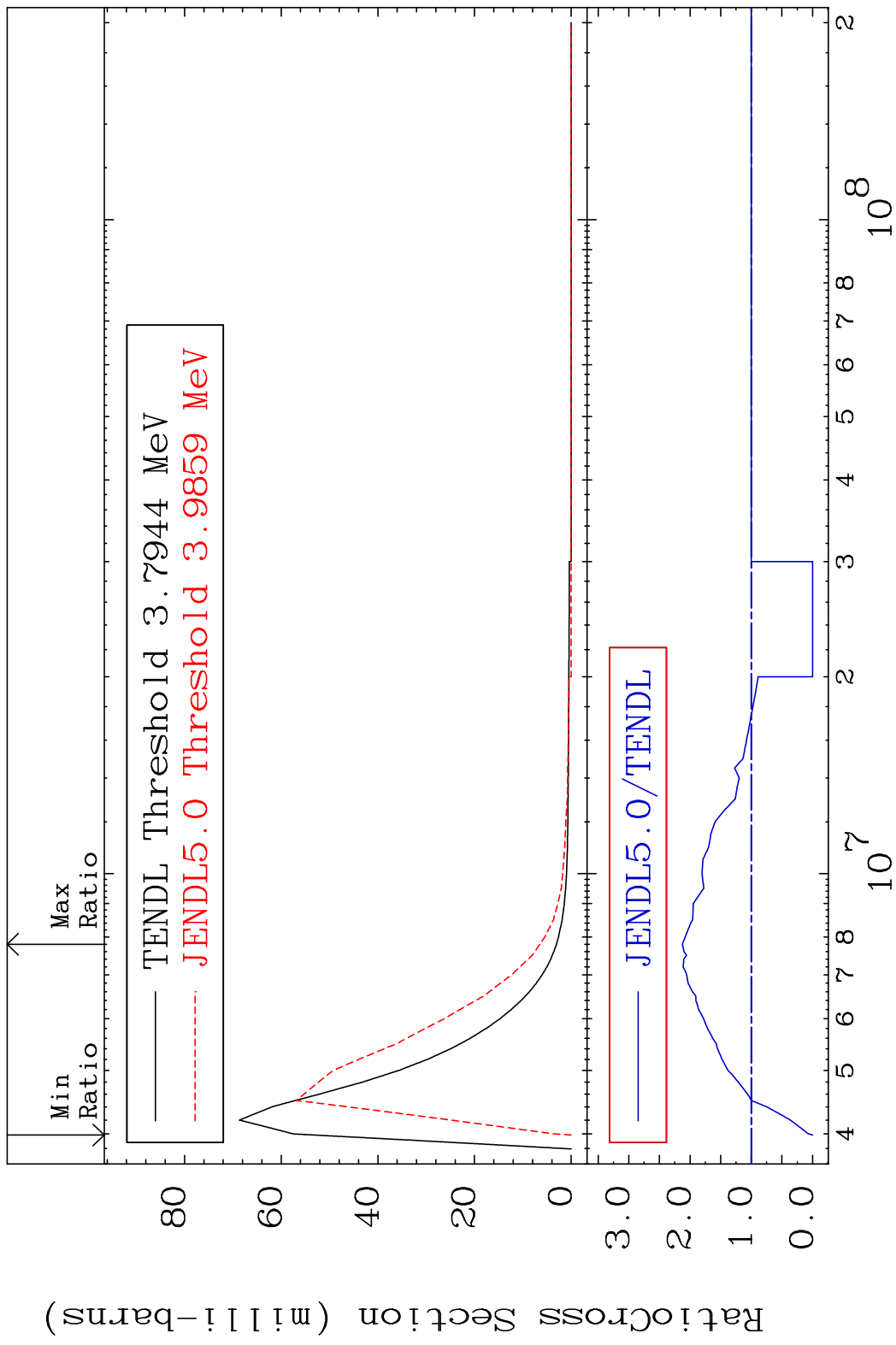
MAT 4225 MT= 72 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 9999. %



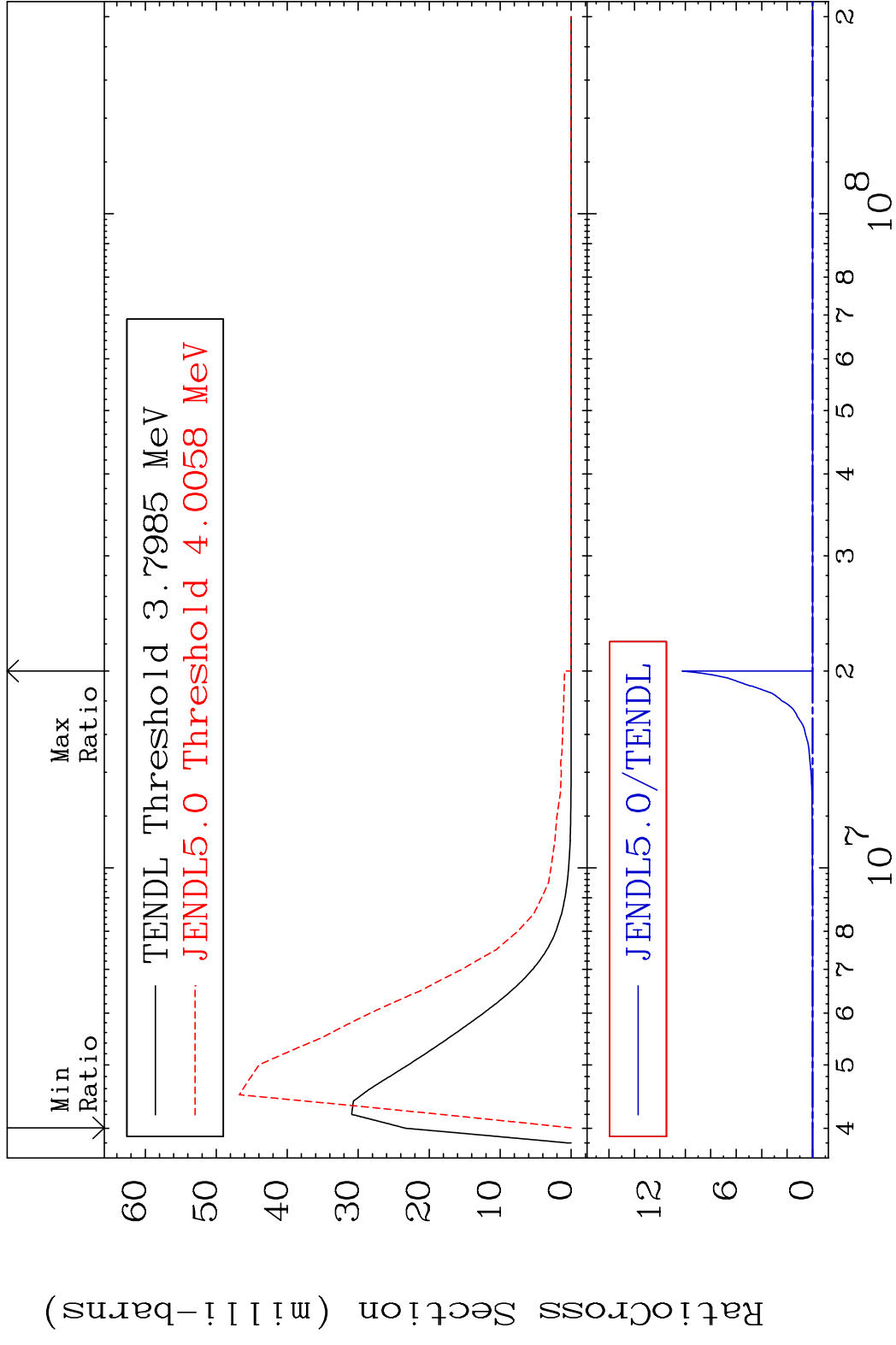
MAT 4225 MT= 73 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 264.2 %



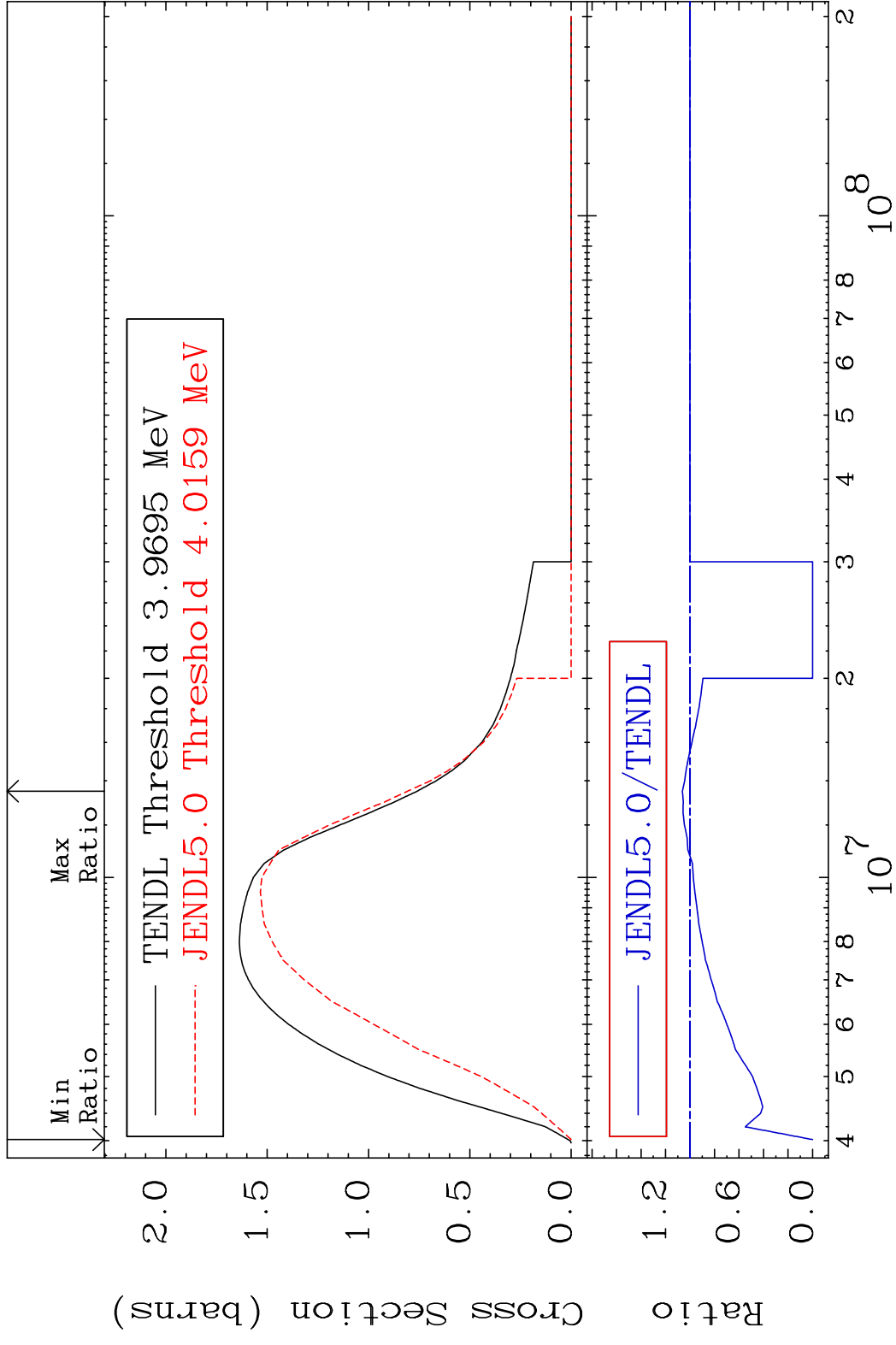
MAT 4225 MT= 74 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 112.6 %



MAT 4225 MT= 75 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 9999. %



MAT 4225 (n,n') Continuum 42-Mo-92
 Cross Section -100.0 To 6.253 %

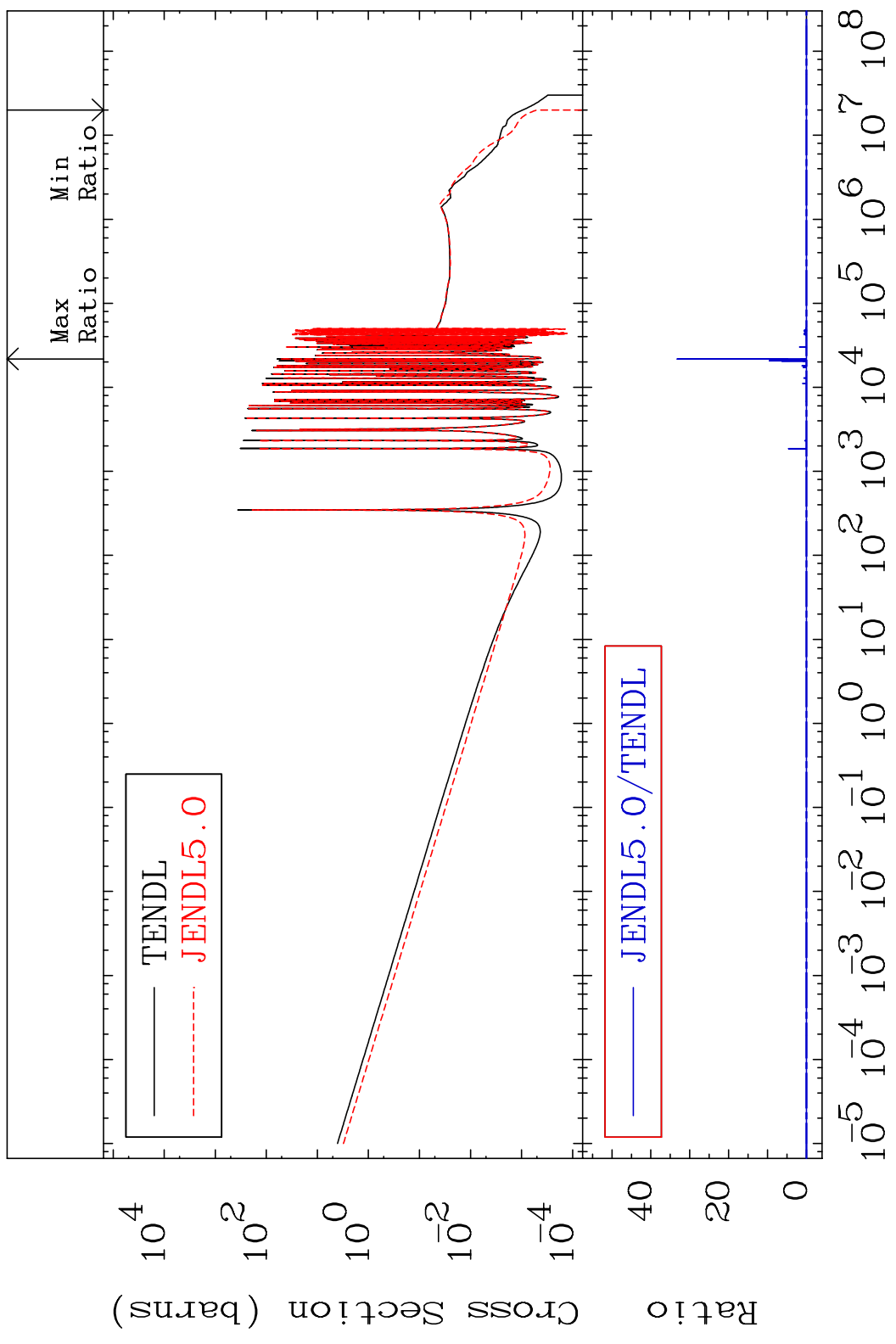


MAT 4225

(n, γ)

42-Mo-92

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

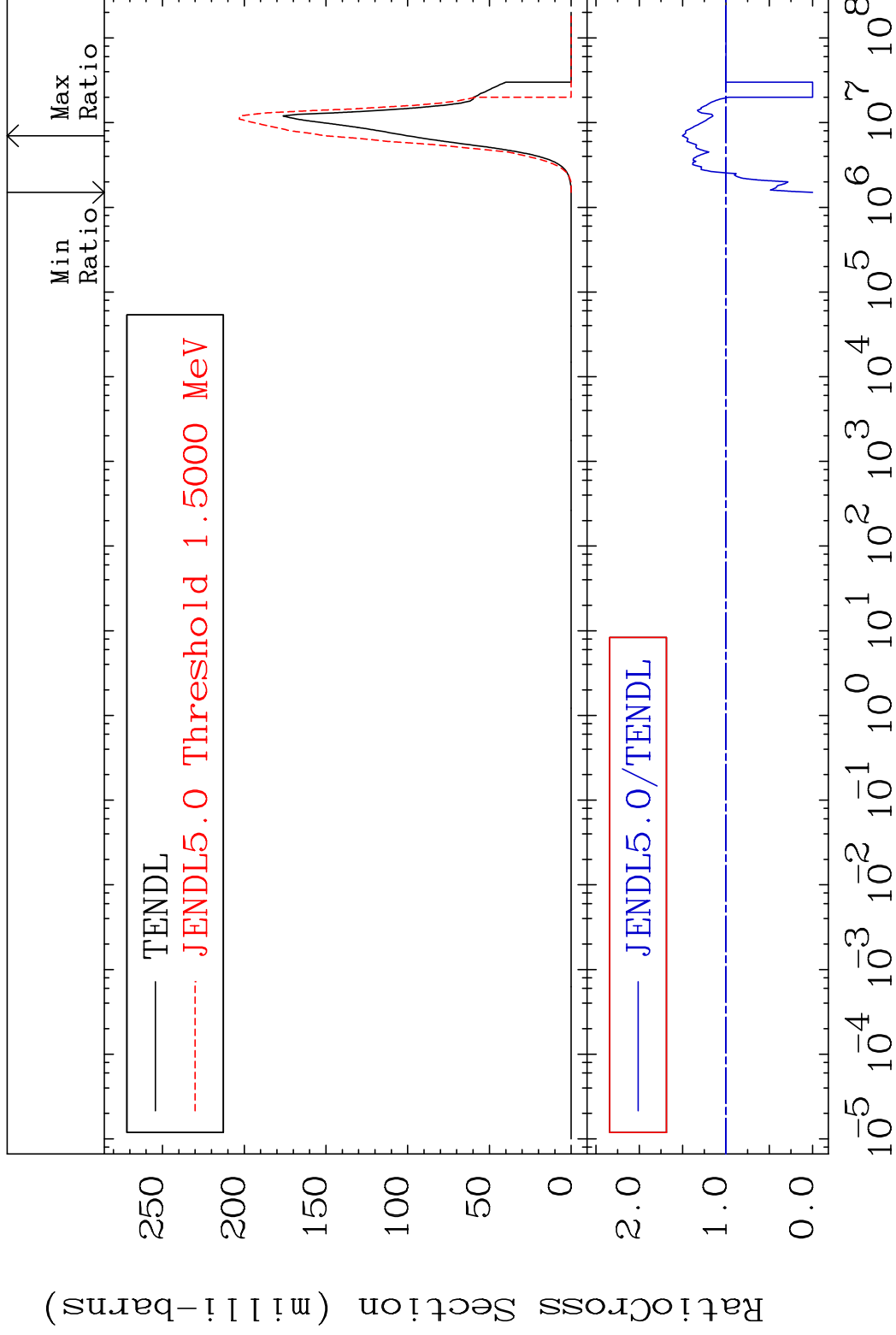
42-Mo-92

MAT 4225

(n, p)

42-Mo-92

Cross Section -100.0 To 50.28 %

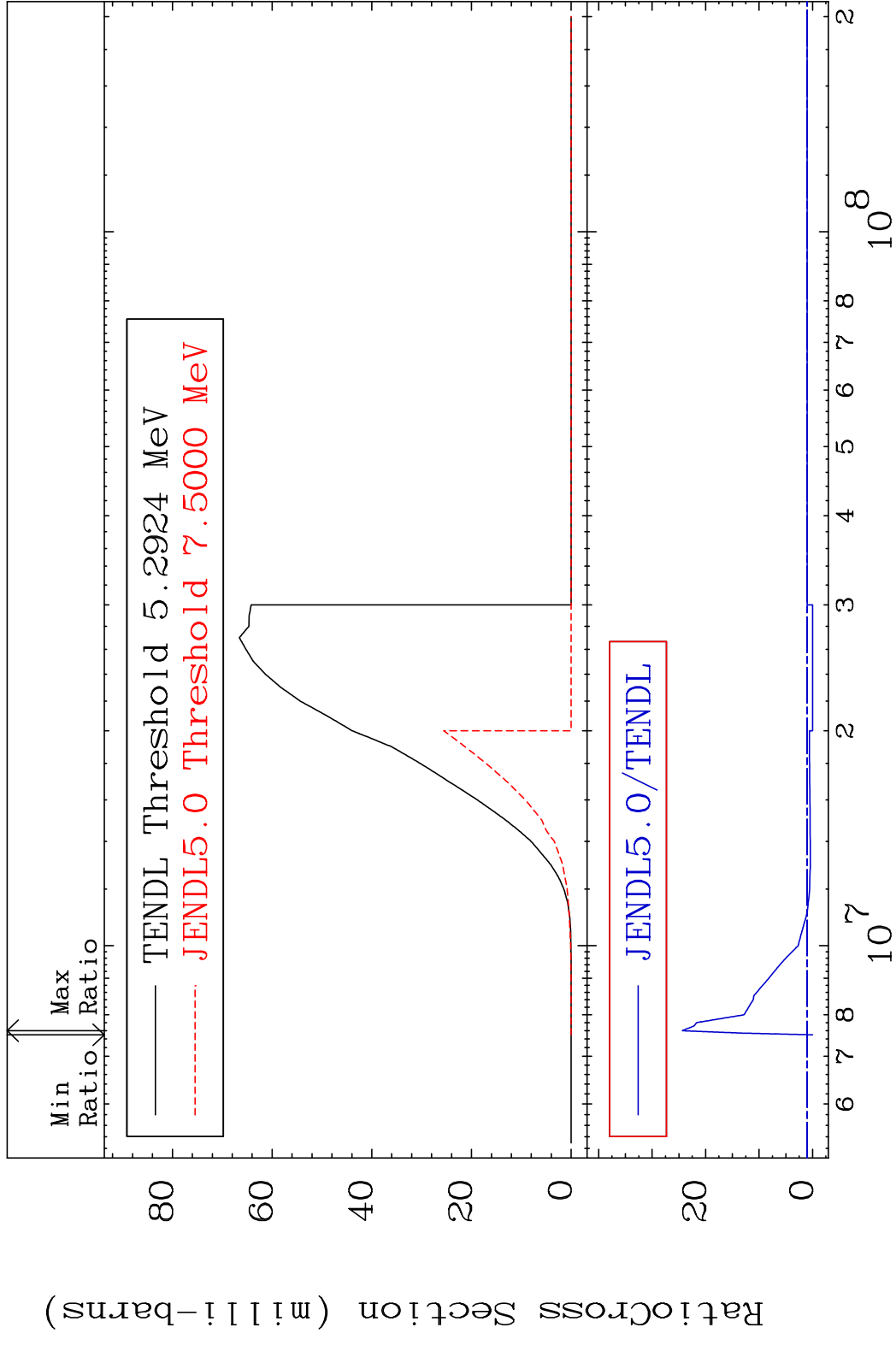


35

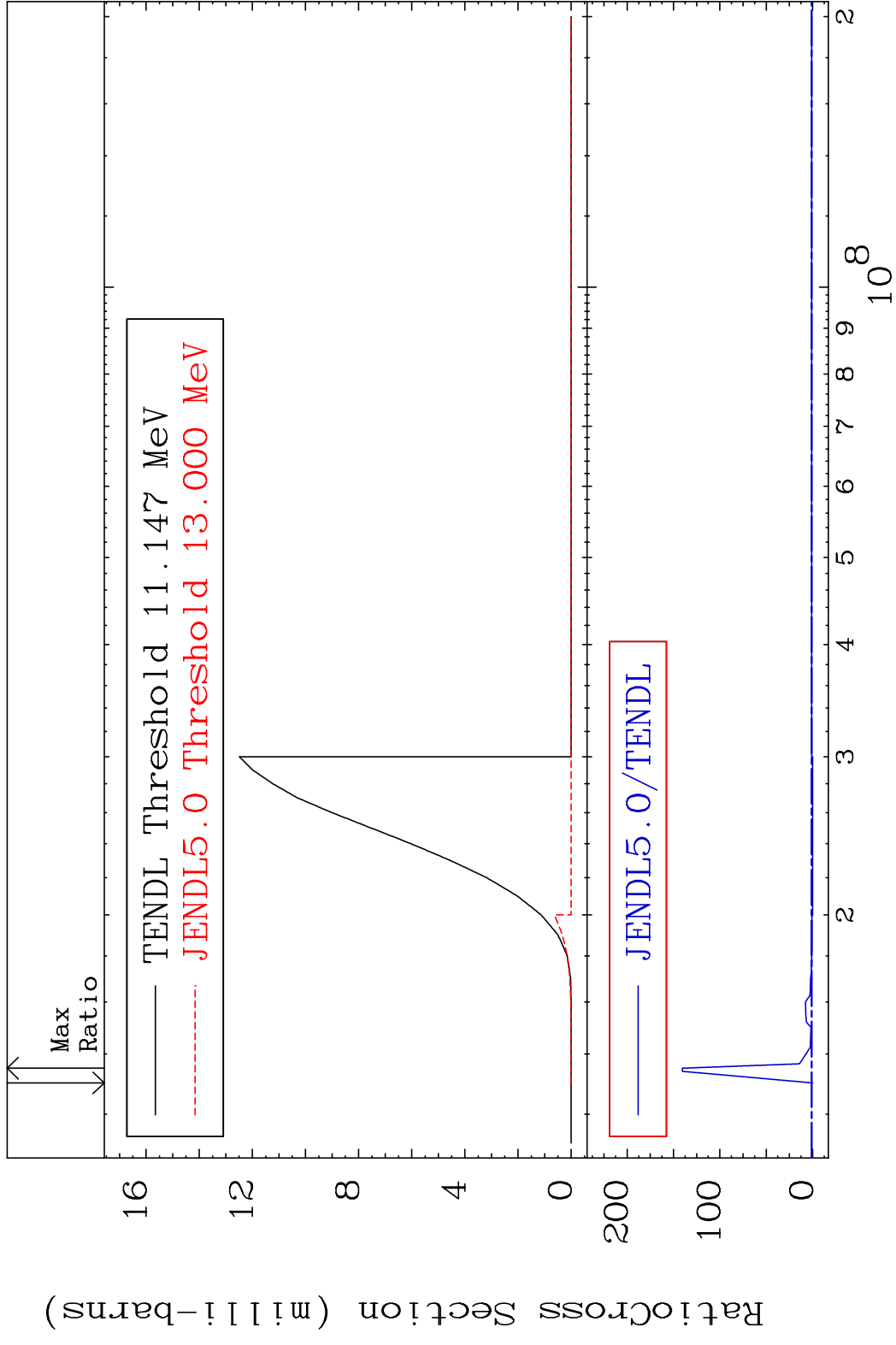
Incident Energy (eV)

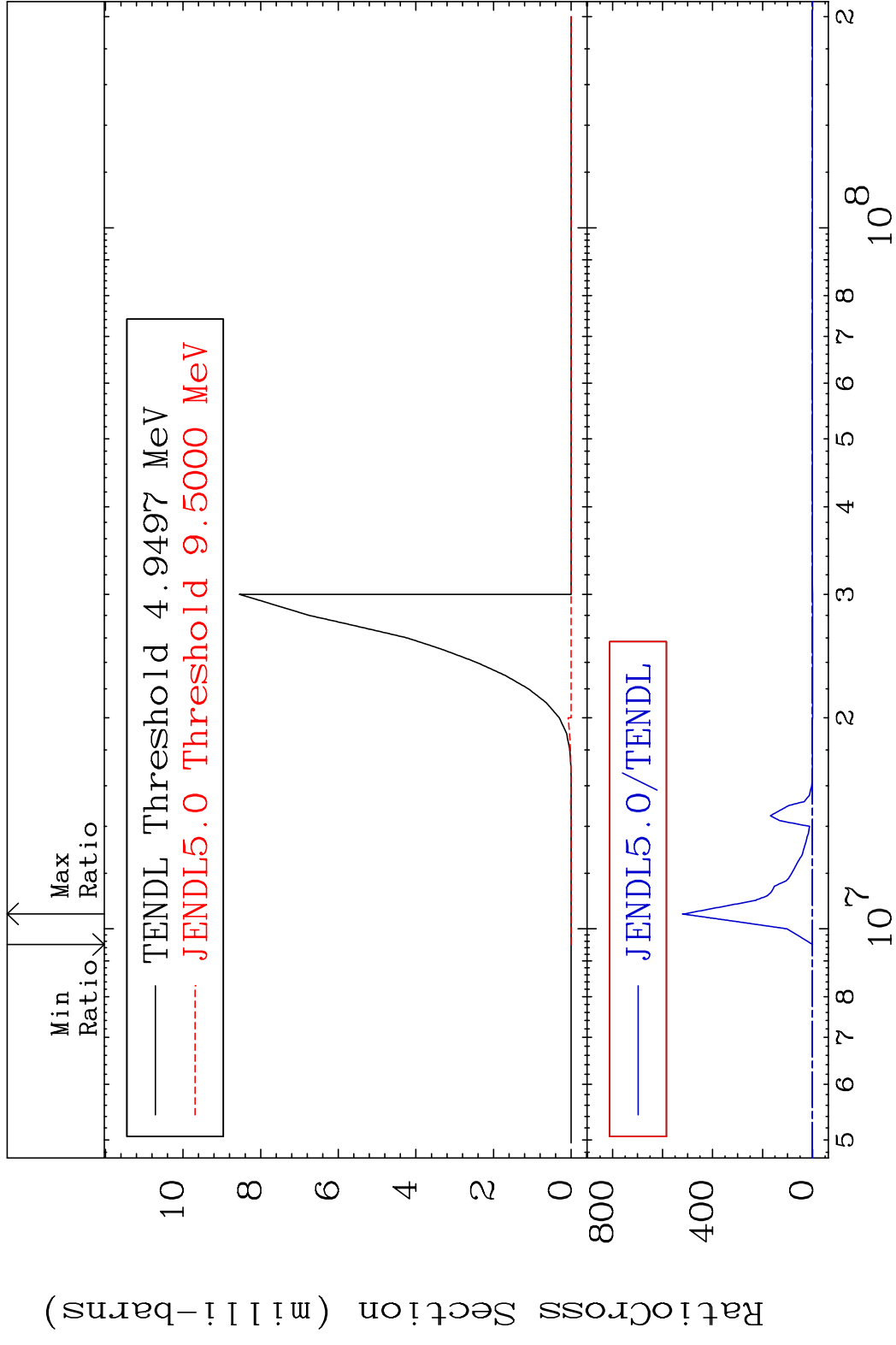
42-Mo-92

MAT 4225 (n,d) 42-Mo-92
 Cross Section -100.0 To 2335. %



MAT 4225 (n, t) 42-Mo-92
 Cross Section -100.0 To 9999. %



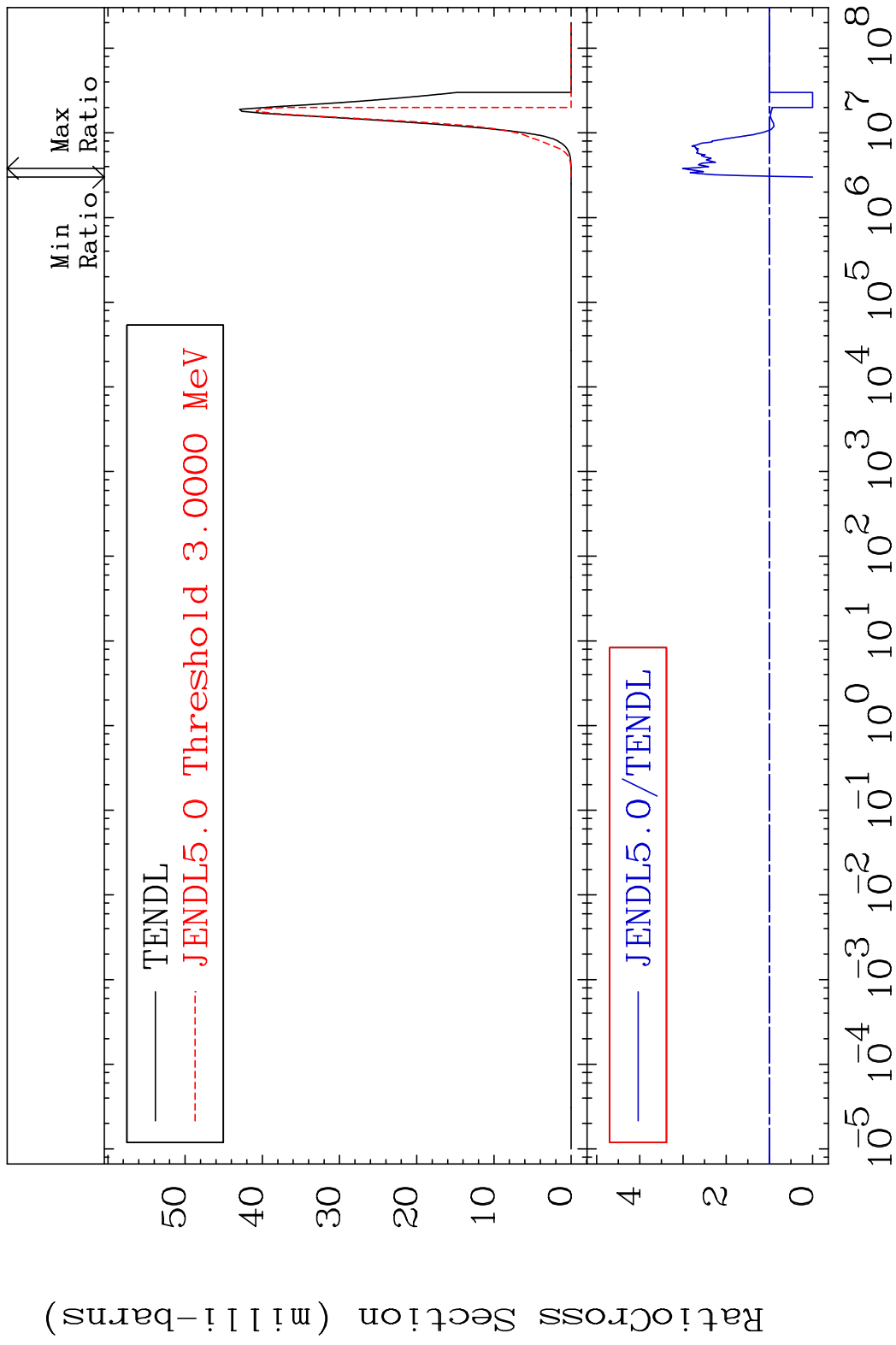


MAT 4225

(n, α)

42-Mo-92

Cross Section -100.0 To 201.5 %



39

Incident Energy (eV)

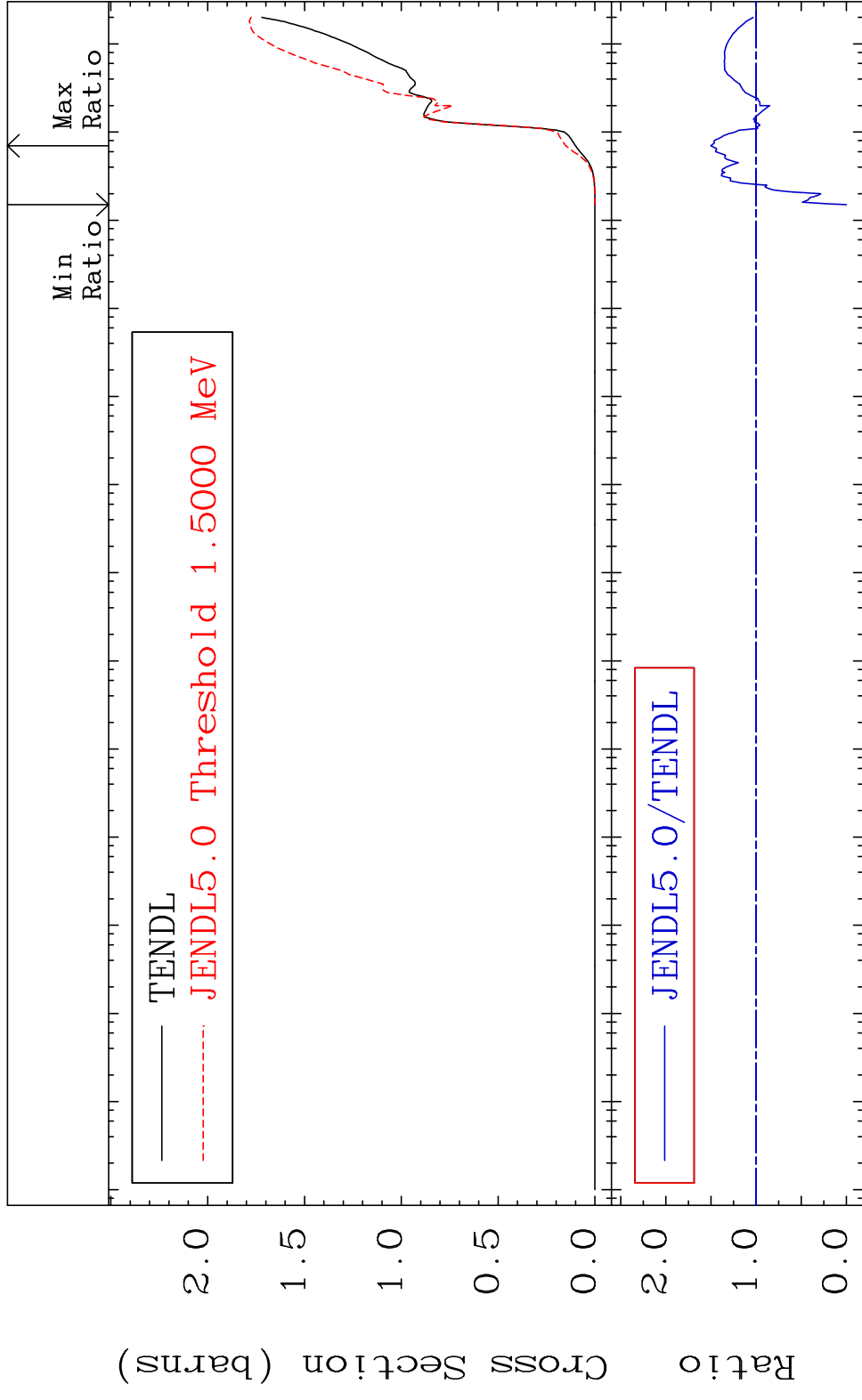
42-Mo-92

MAT 4225

Hydrogen Production

42-Mo-92

Cross Section -100.0 To 50.28 %

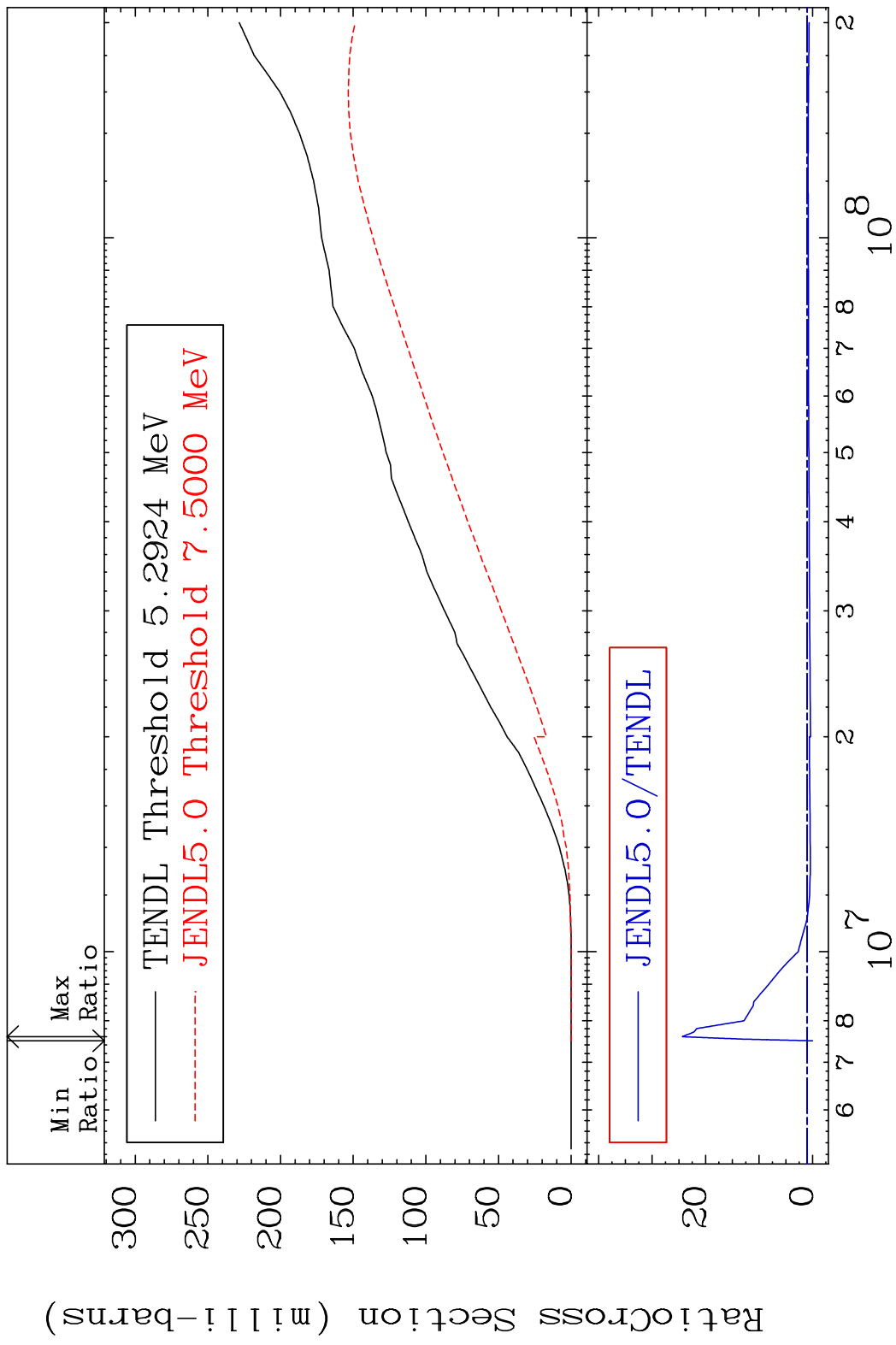


40

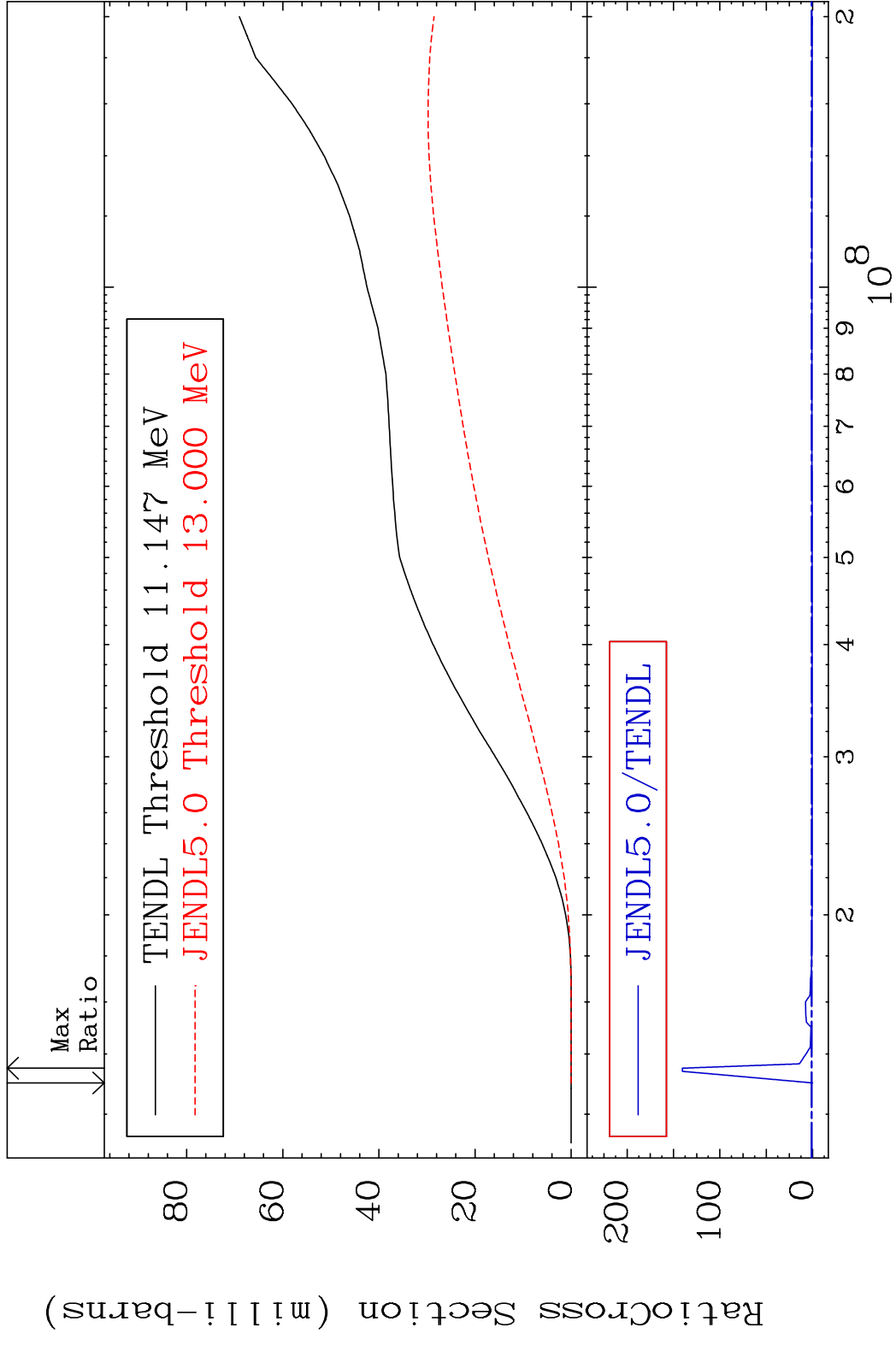
Incident Energy (eV)

42-Mo-92

MAT 4225 Deuterium Production 42-Mo-92
 Cross Section -100.0 To 2335. %



MAT 4225 Tritium Production 42-Mo-92
 Cross Section -100.0 To 9999. %



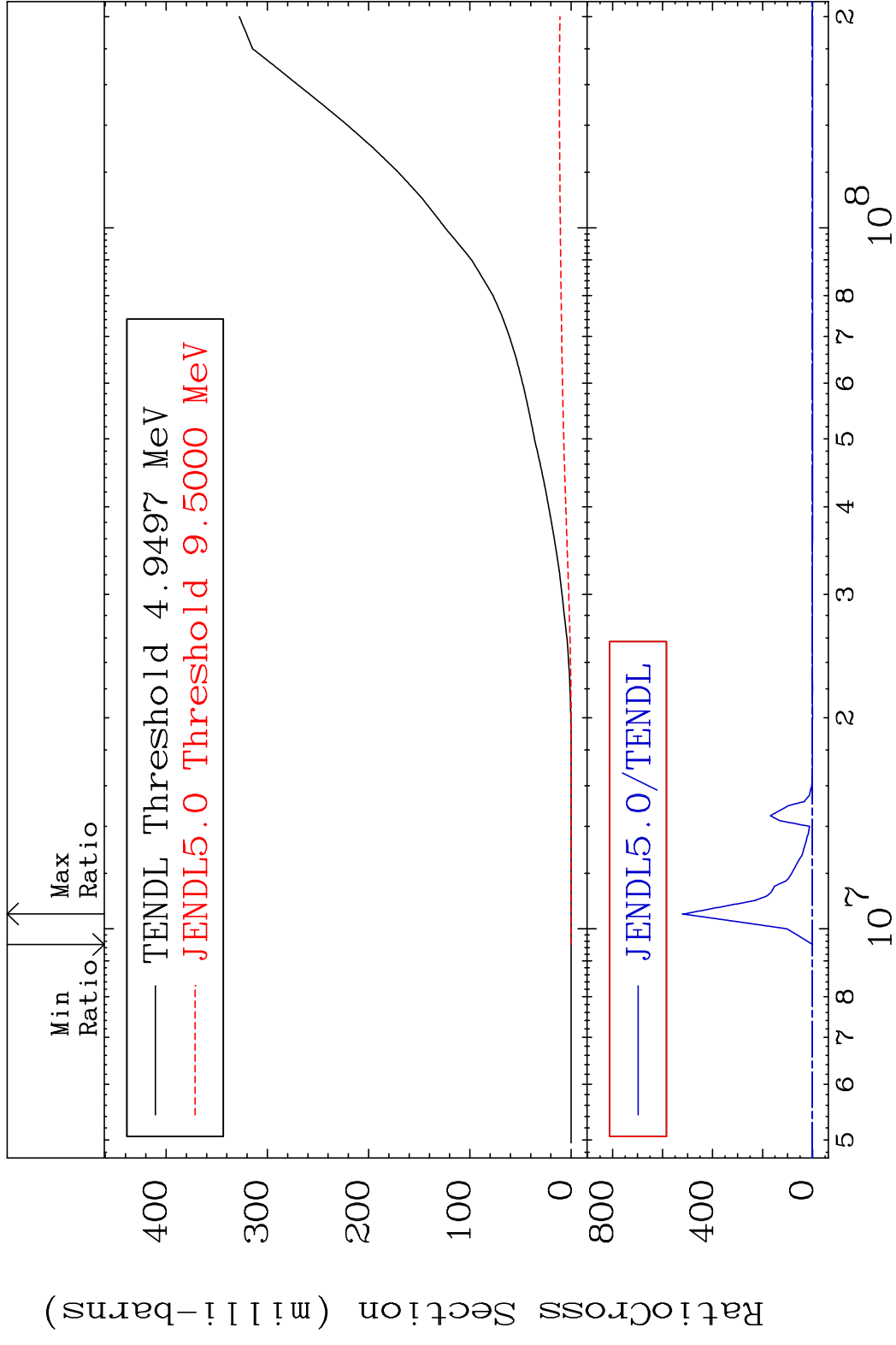
42 42-Mo-92

MAT 4225

He-3 Production

42-Mo-92

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

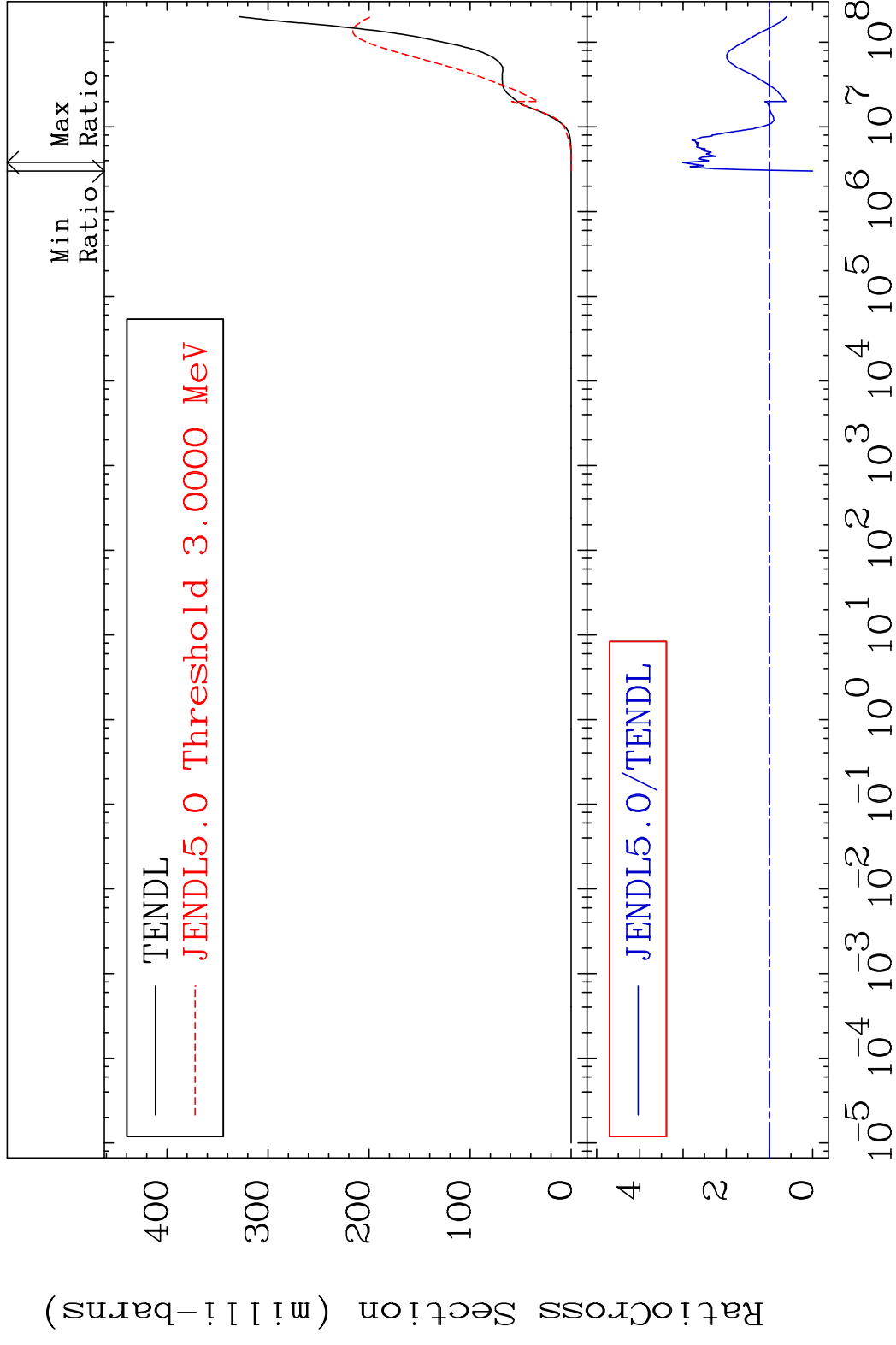
42-Mo-92

MAT 4225

He-4 Production

42-Mo-92

Cross Section -100.0 To 201.5 %

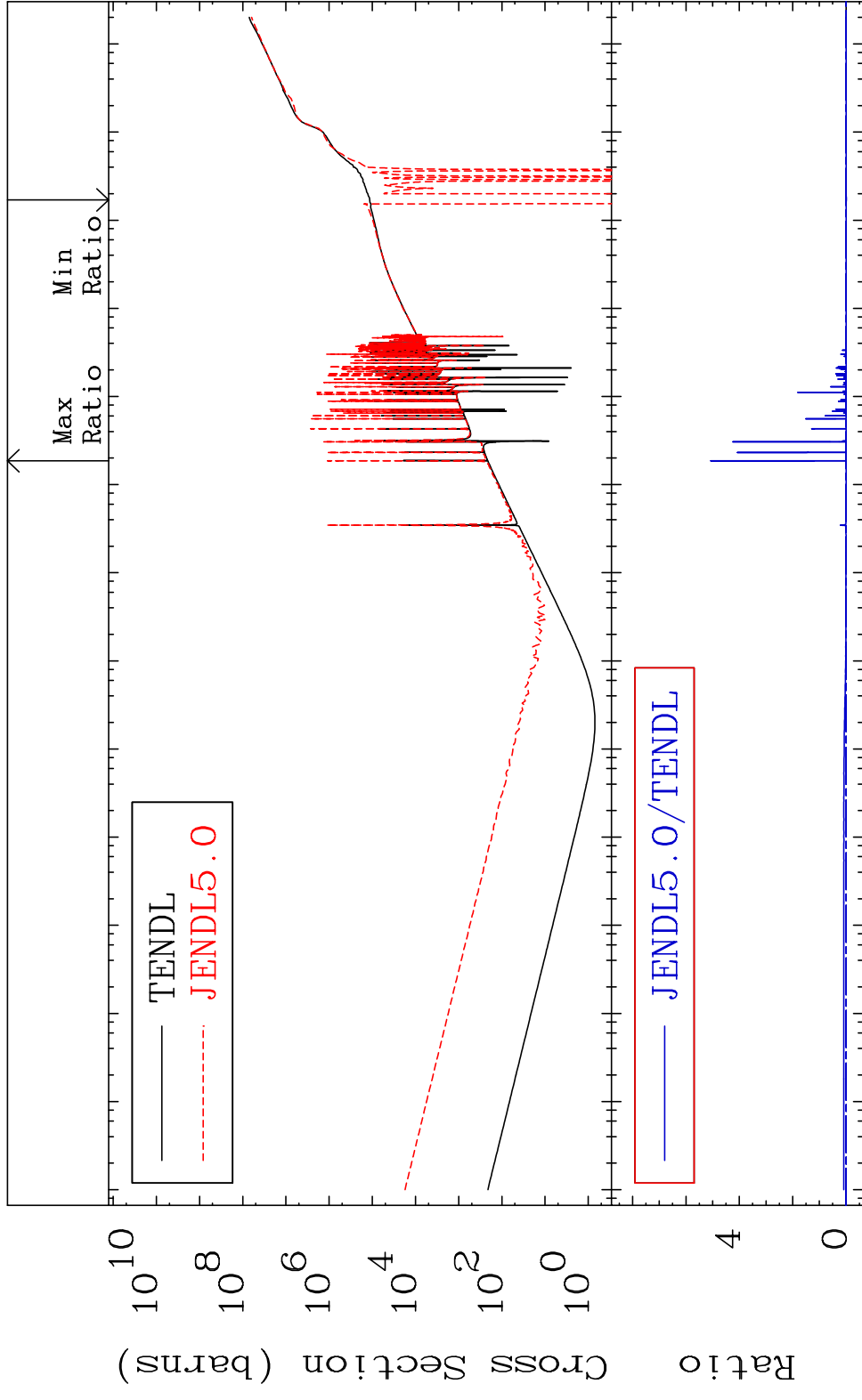


44

Incident Energy (eV)

42-Mo-92

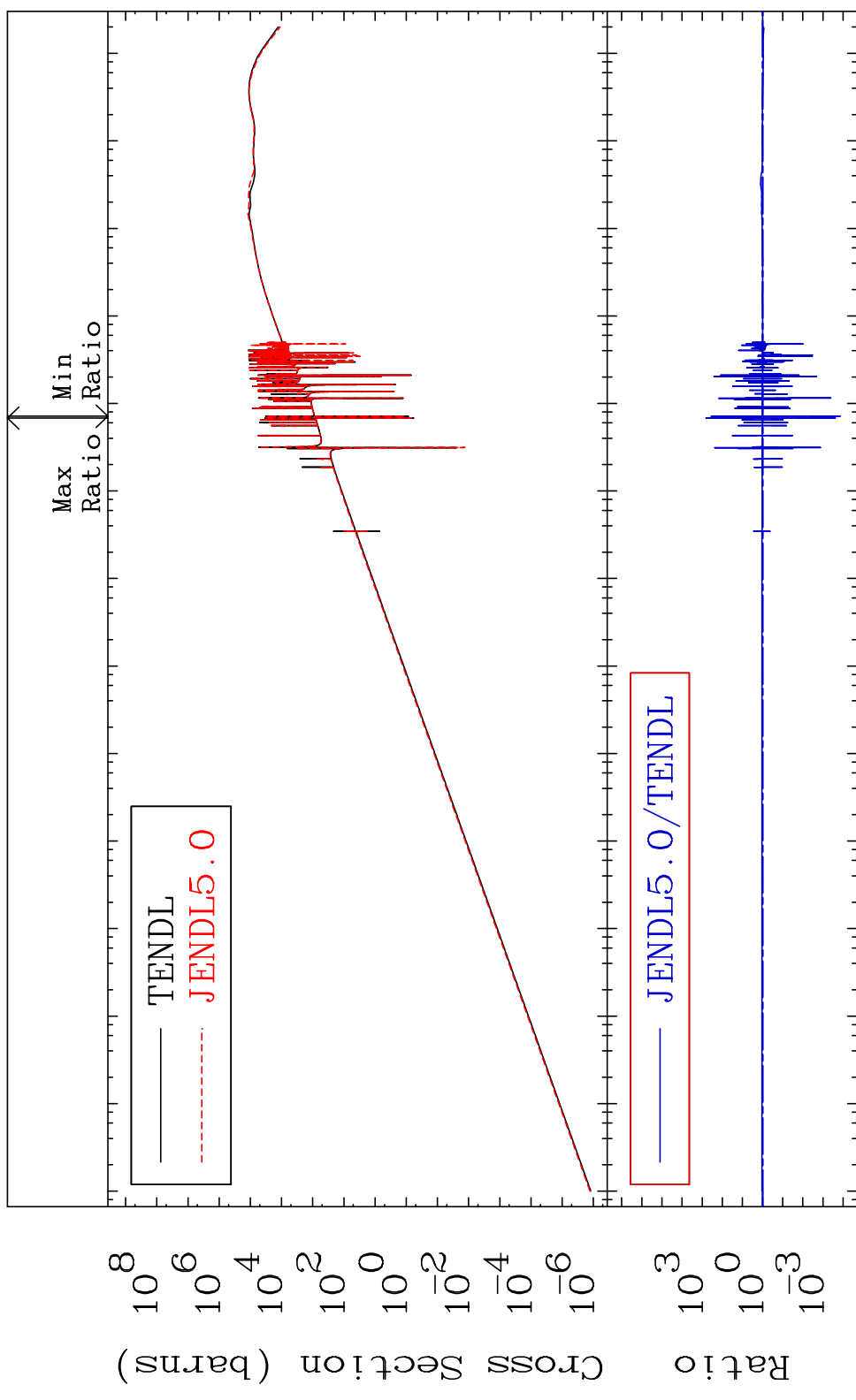
MAT 4225 Kerma total (eV-barns) 42-Mo-92
 Cross Section -1102. To 9999. %



45 Incident Energy (eV) 42-Mo-92

MAT 4225

Kerma elastic Cross Section -99.99 To 9999. % 42-Mo-92

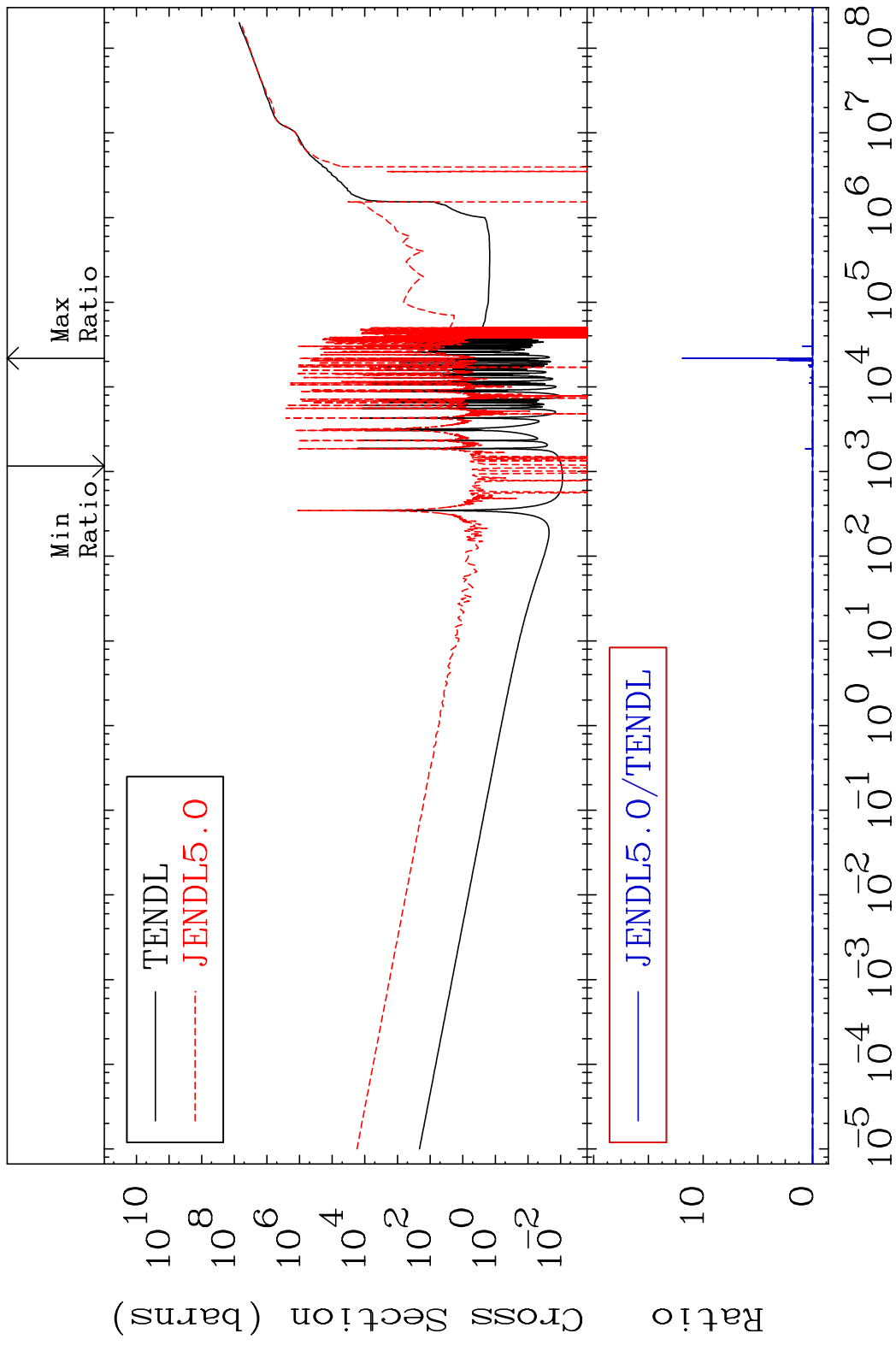


46

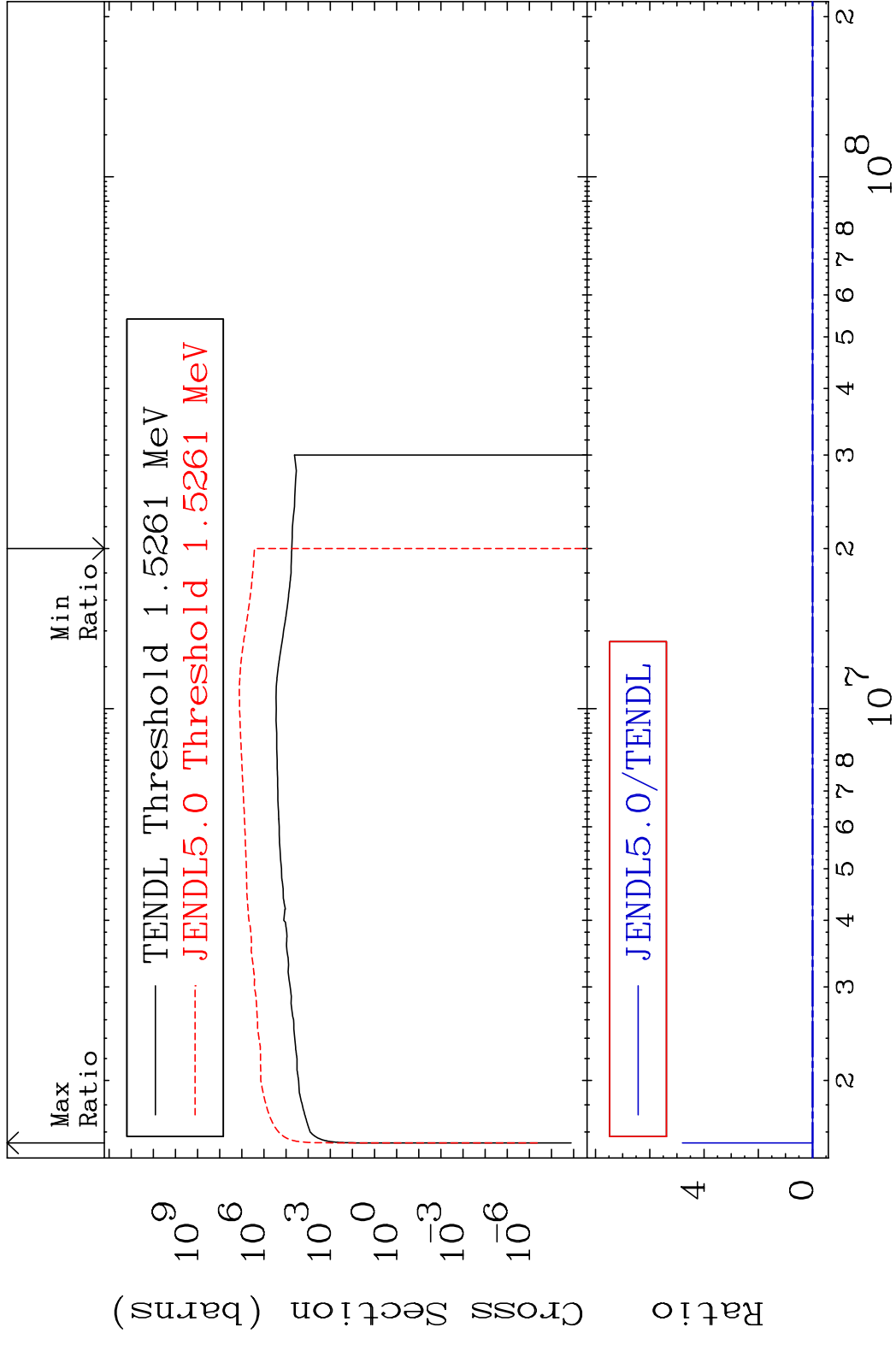
Incident Energy (eV)

42-Mo-92

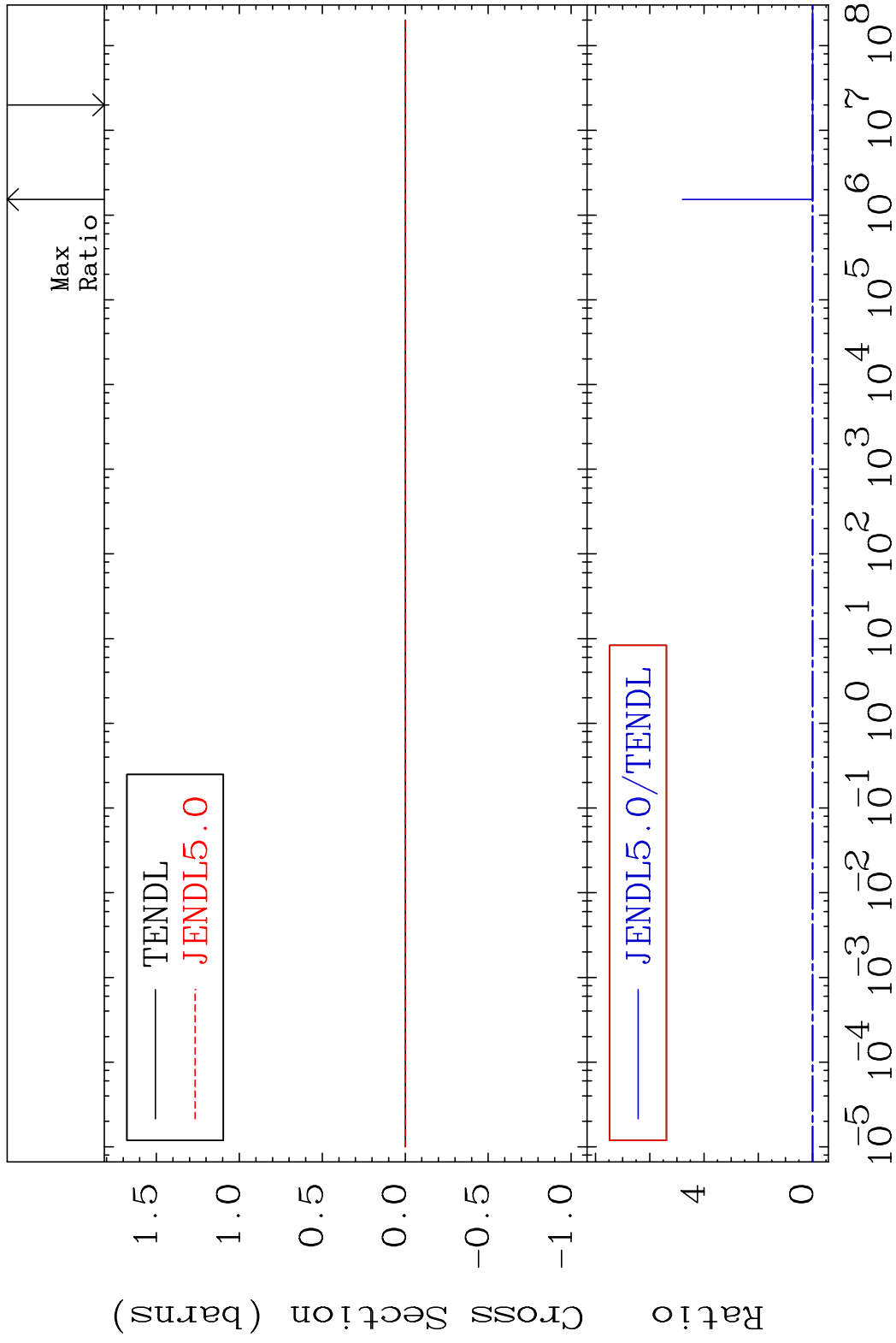
MAT 4225 Kerma non-elastic (all but mt2) 42-Mo-92
 Cross Section -9999. To 9999. %



MAT 4225 Kerma inelastic (mt51-91) 42-Mo-92
 Cross Section -100.0 To 9999. %

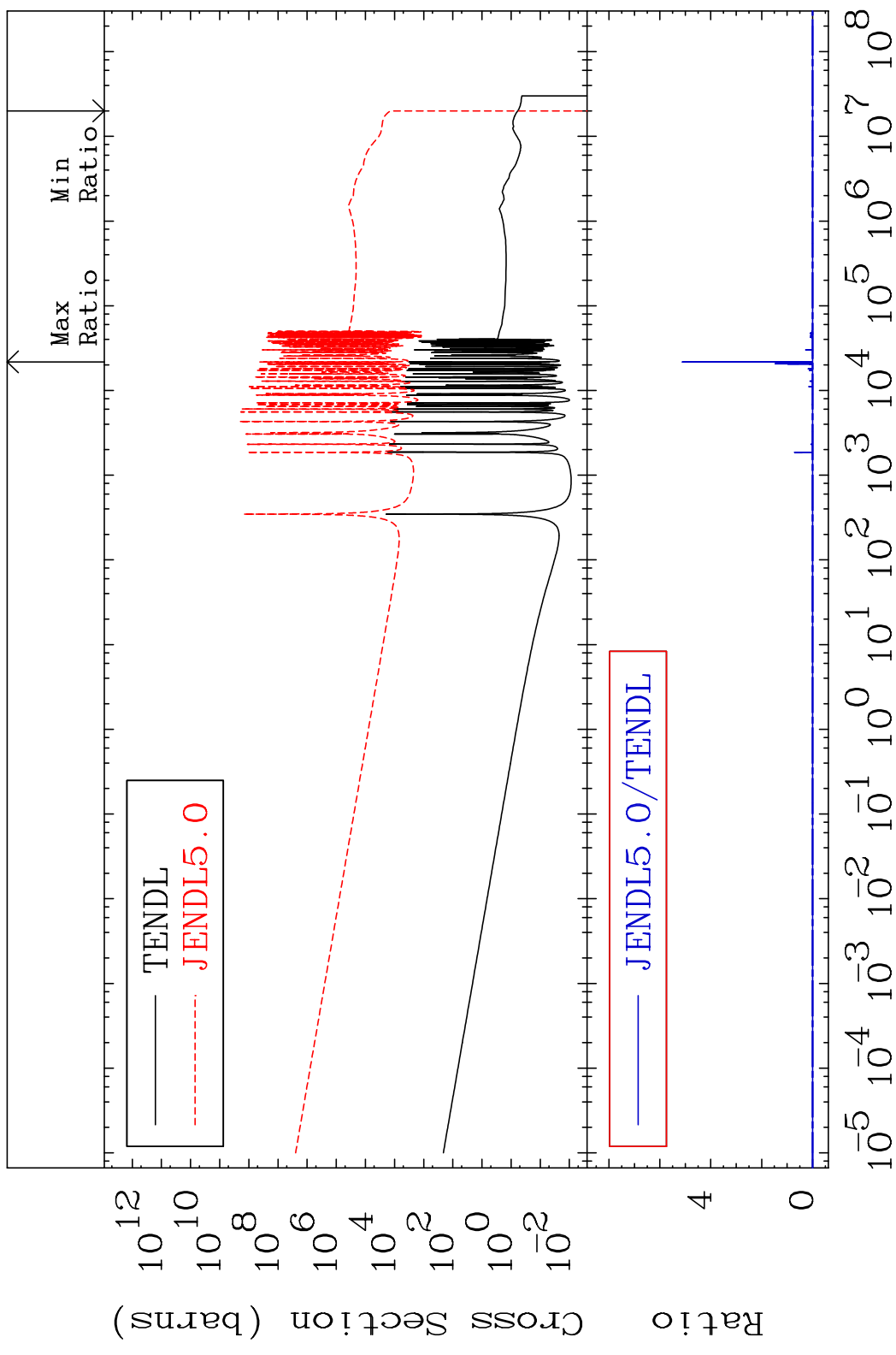


MAT 4225 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-92
 Cross Section -100.0 To 9999. %



MAT 4225

Kerma capture (mt102) 42-Mo-92
Cross Section -100.0 To 9999. %

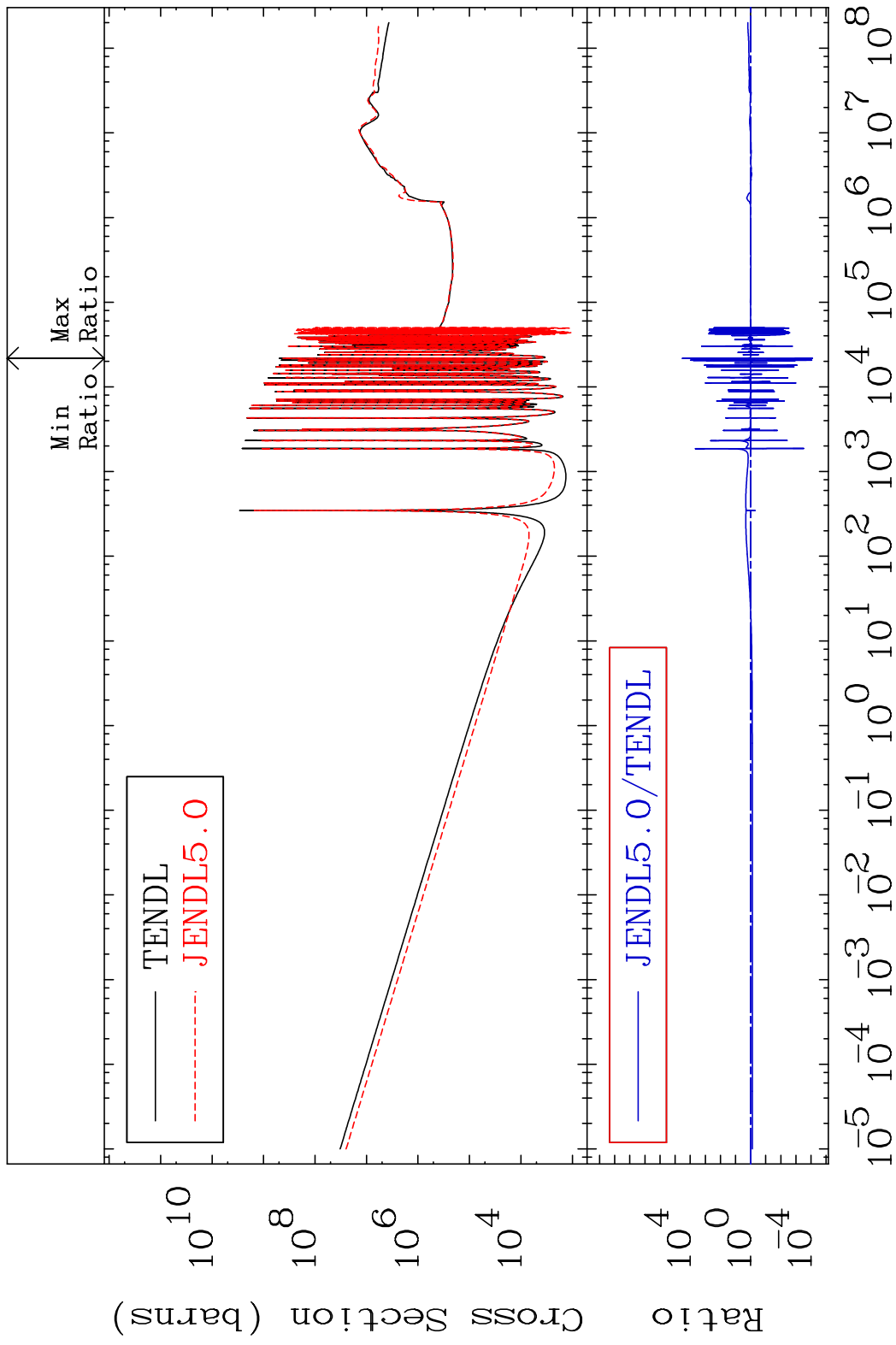


50

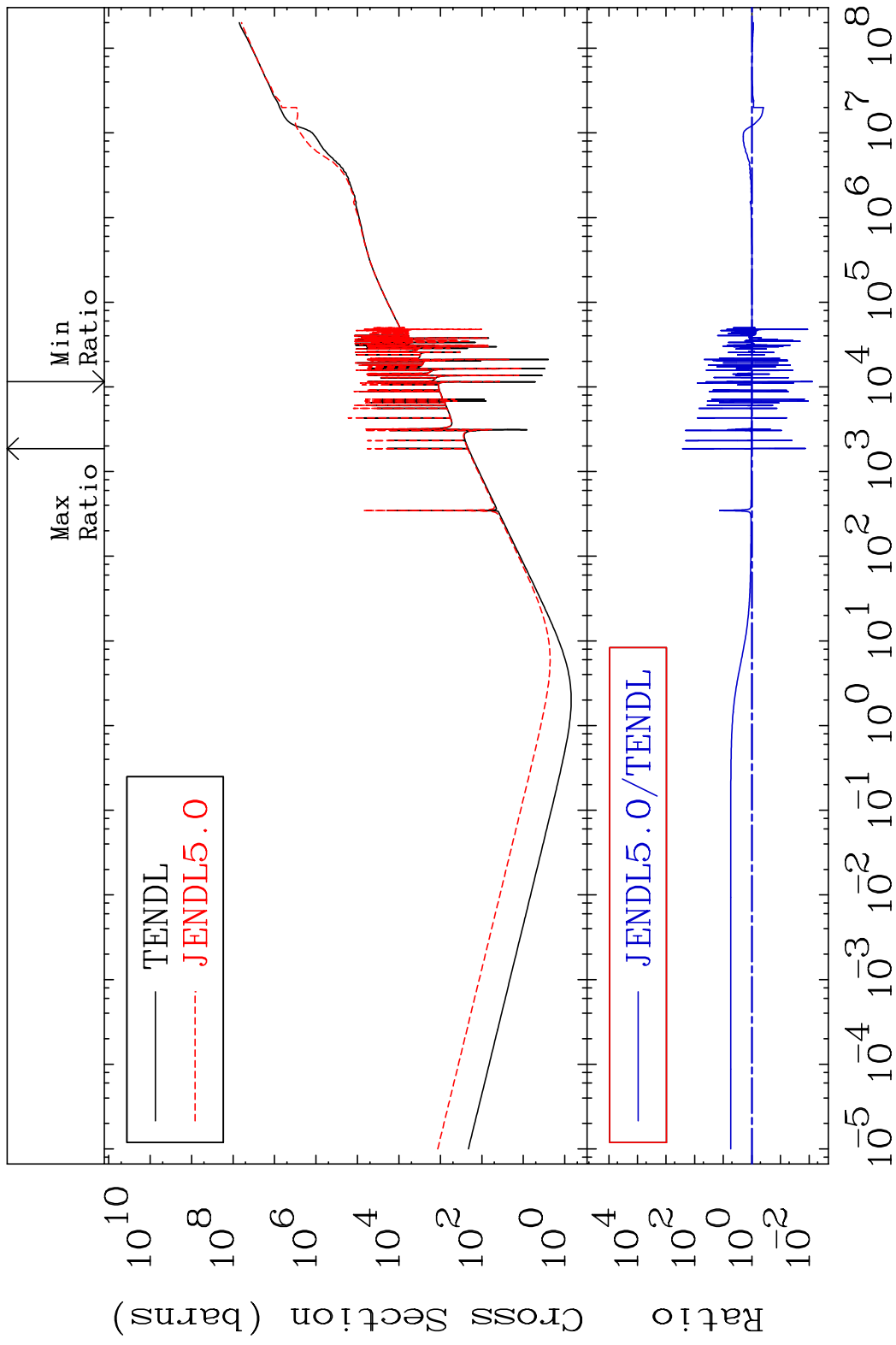
Incident Energy (eV)

42-Mo-92

MAT 4225 Total photon (eV-barns) 42-Mo-92
 Cross Section -99.99 To 9999. %



MAT 4225 Total kinematic kerma (high limit) 42-Mo-92
 Cross Section -99.24 To 9999. %

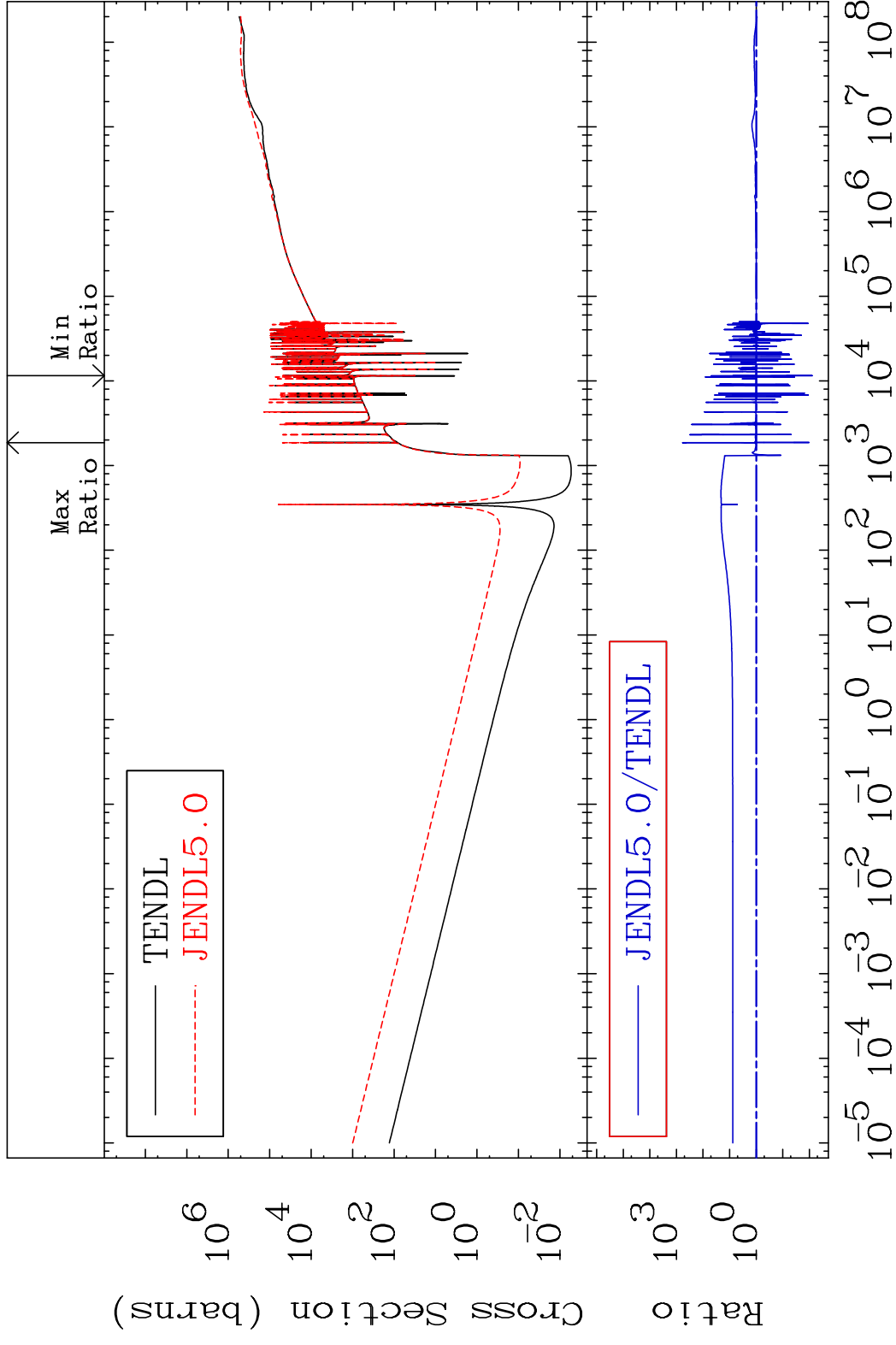


MAT 4225

Dpa total (eV-barns)

42-Mo-92

Cross Section -99.24 To 9999. %



53

Incident Energy (eV)

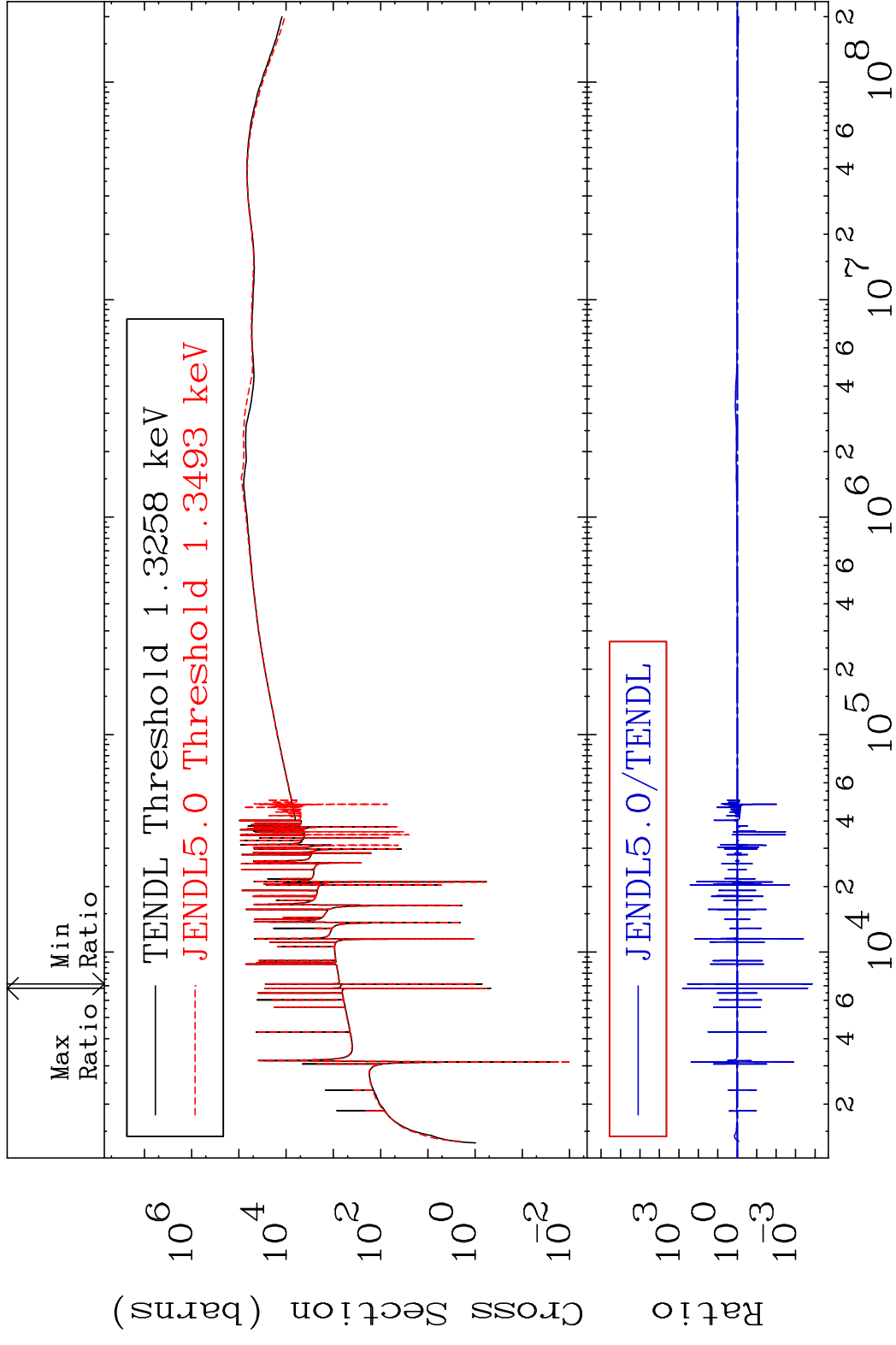
42-Mo-92

MAT 4225

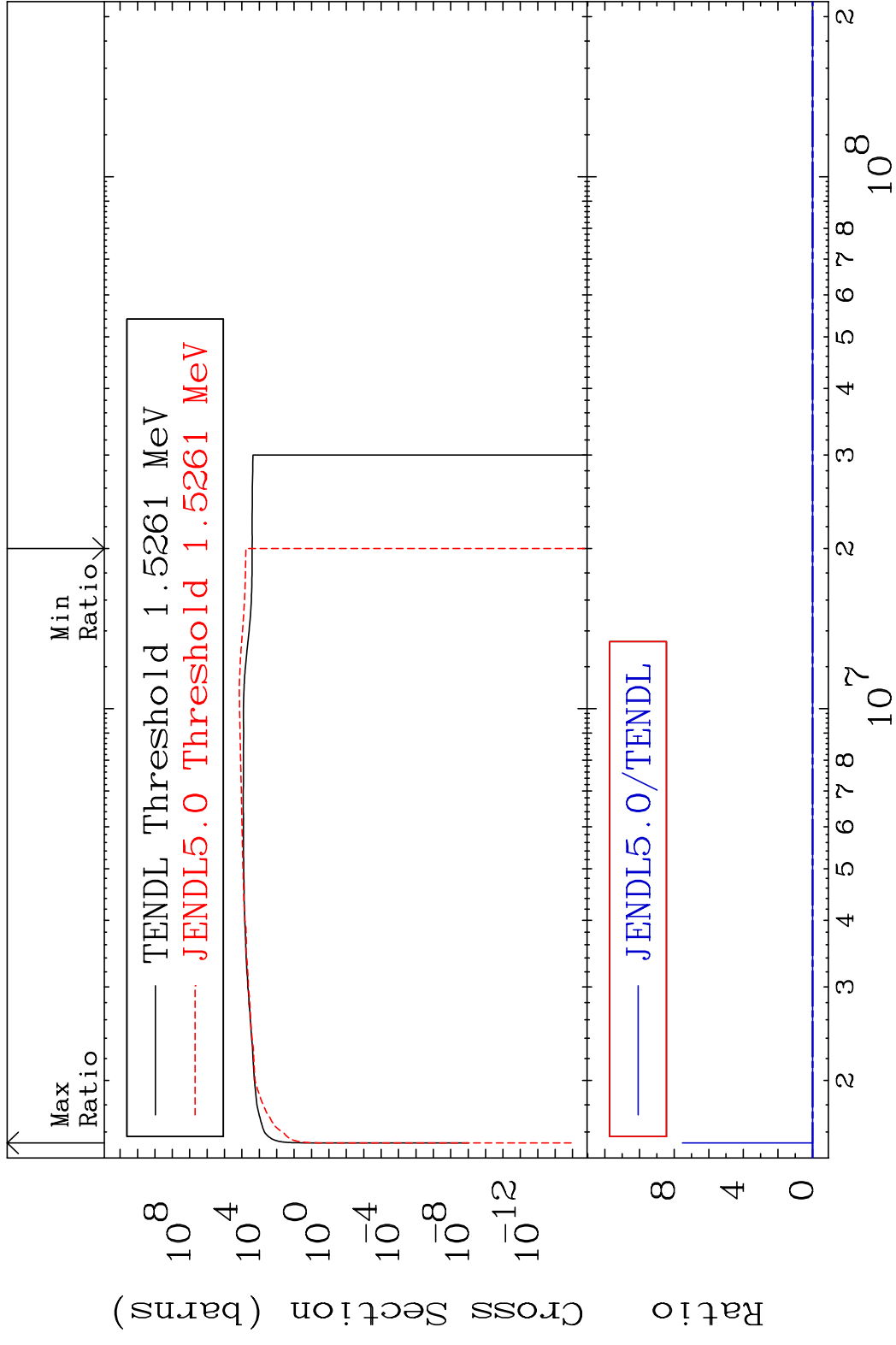
Dpa elastic (mt2)

42-Mo-92

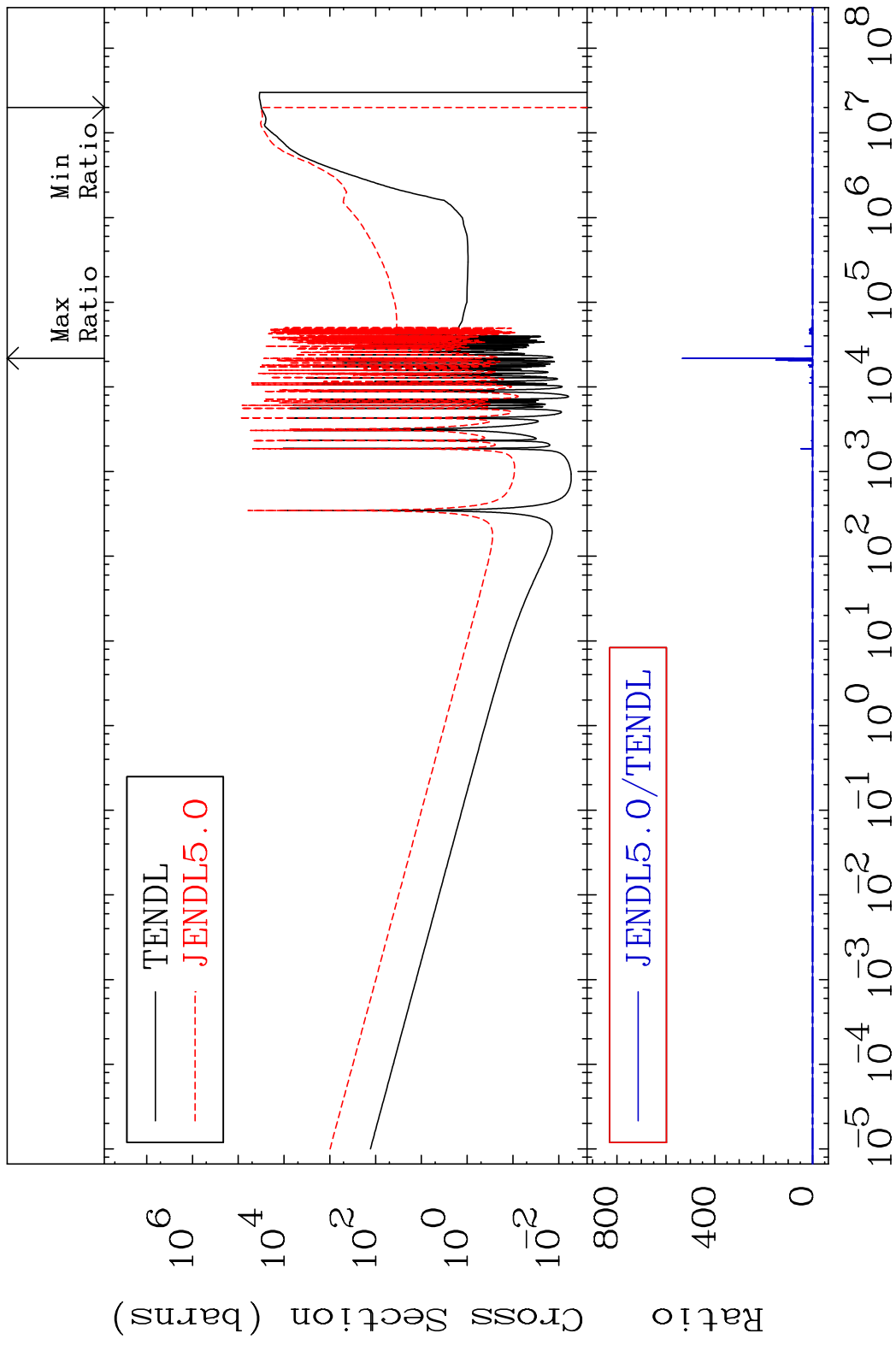
Cross Section -99.99 To 9999. %



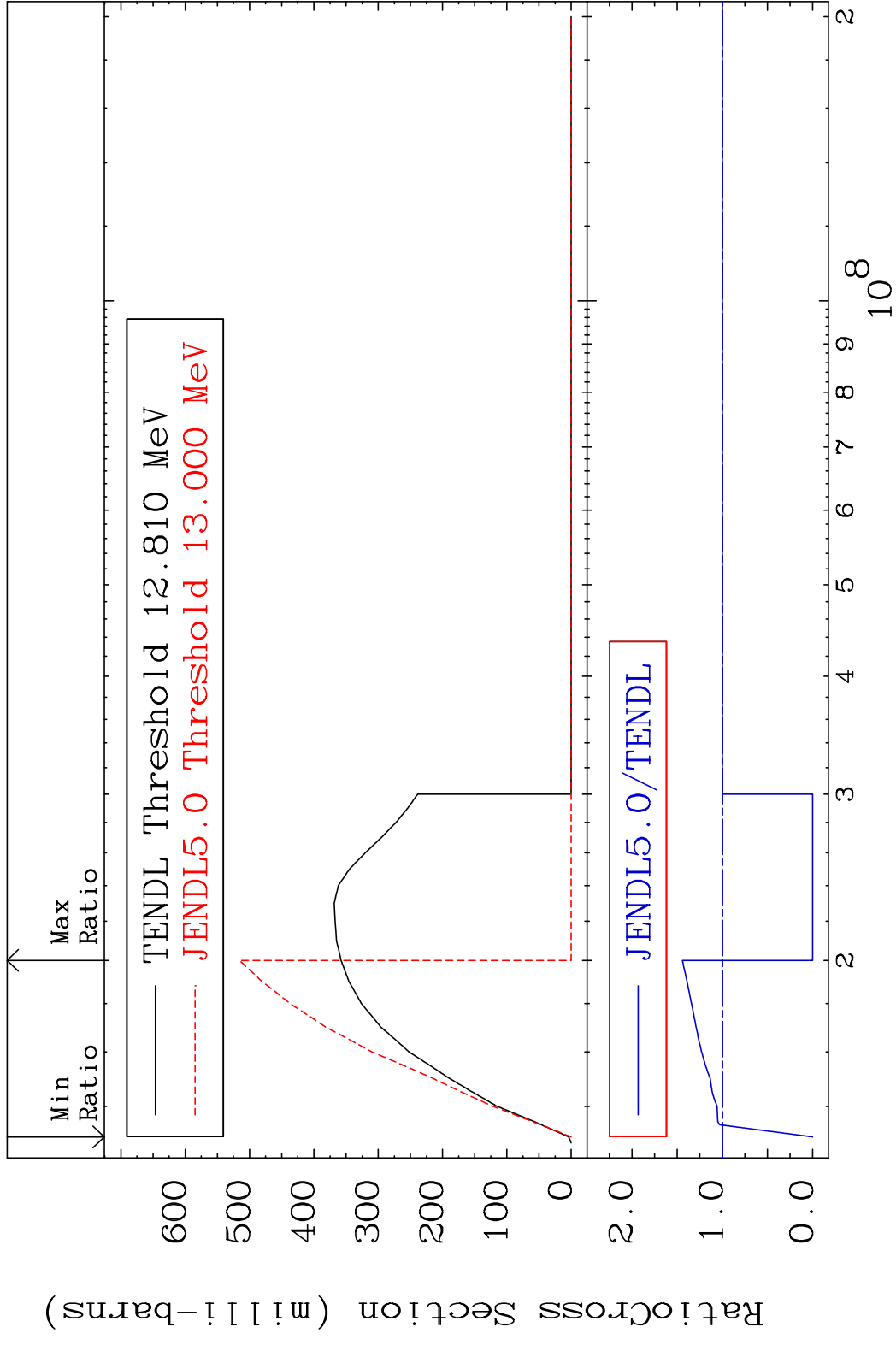
MAT 4225 Dpa inelastic (mt51-91) 42-Mo-92
 Cross Section -100.0 To 9999. %



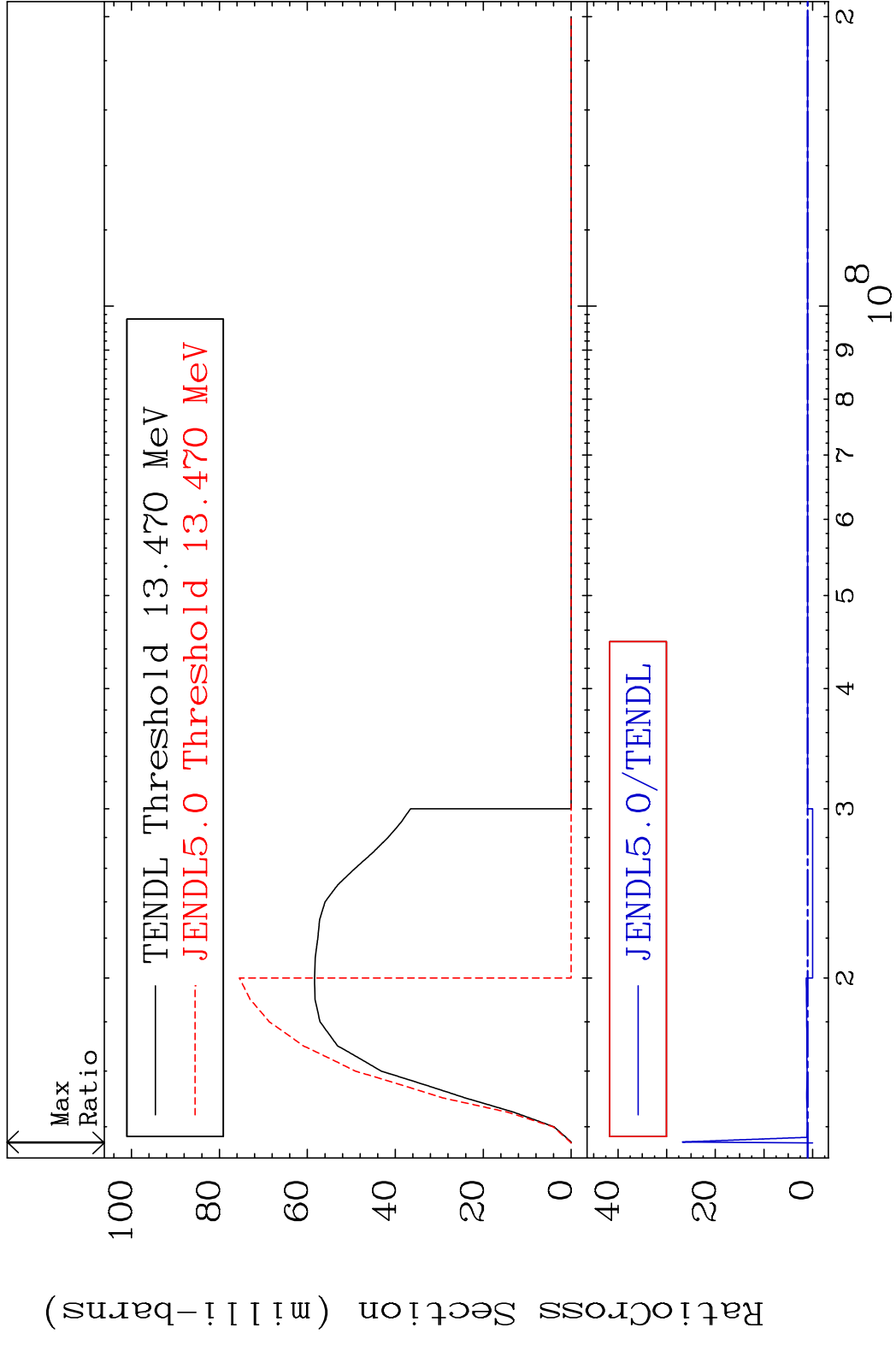
MAT 4225 Dpa disappearance (mt102 -120) 42-Mo-92
 Cross Section -100.0 To 9999. %



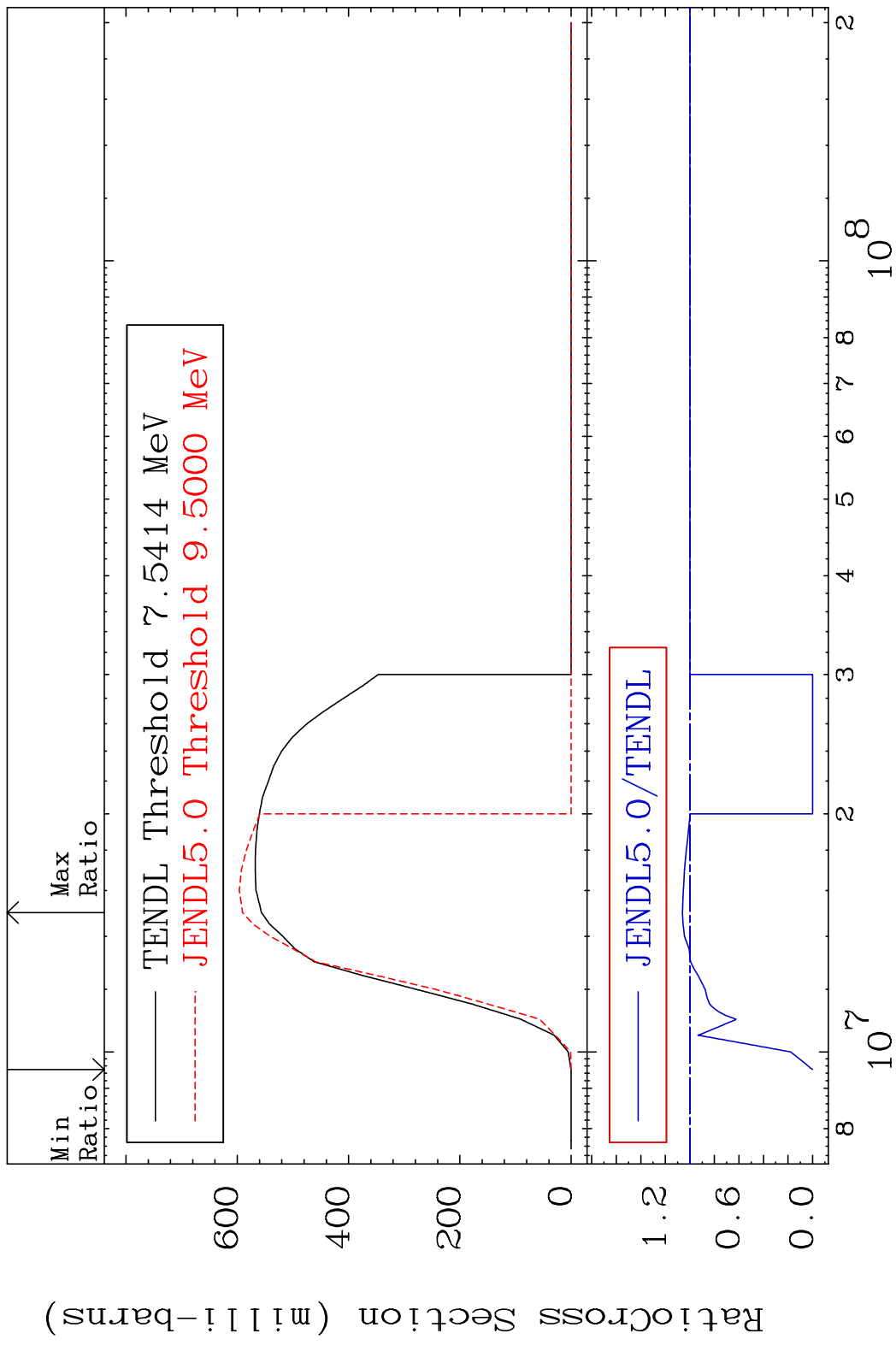
MAT 4225 (n,2n):42-Mo-91g 42-Mo-92
 Radionuclide Production Cross Section 180.0 mb 44.19 %



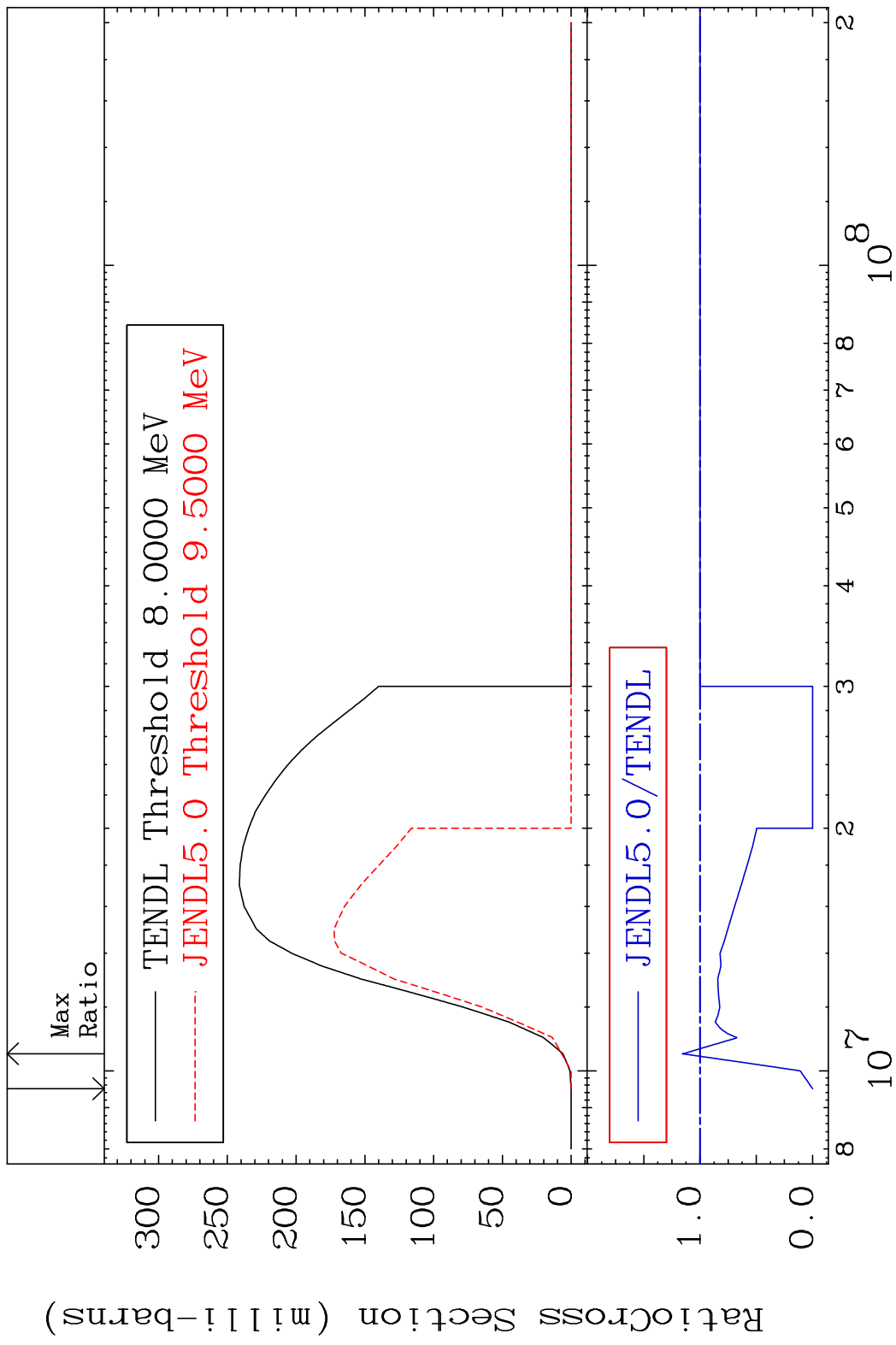
MAT 4225 (n,2n):42-Mo-91m1 42-Mo-92
 Radionuclide Production Cross Section Ratio 2577. %



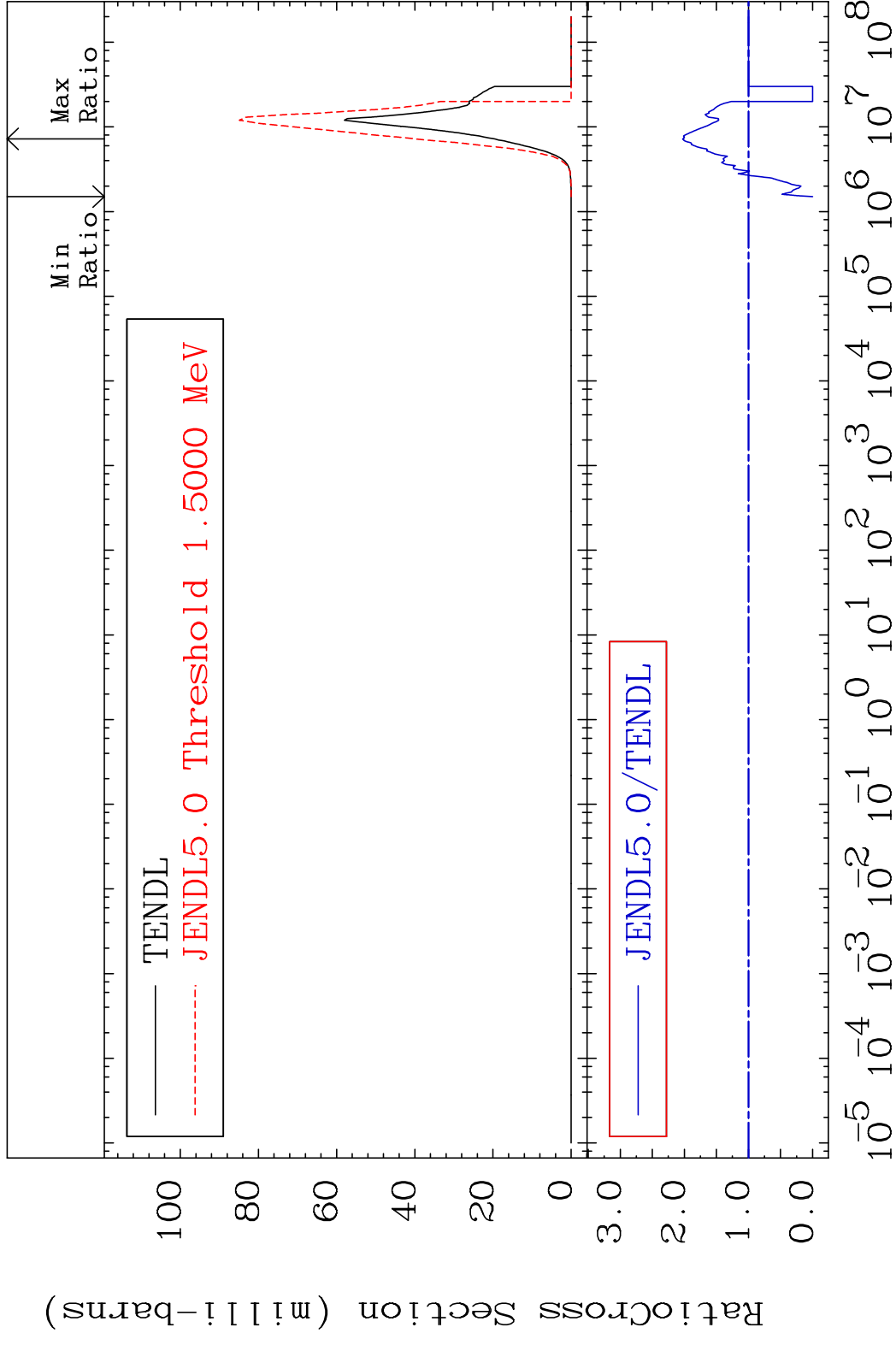
MAT 4225 (n, n') p:41-Nb-91g 42-Mo-92
 Radionuclide Production Cross Section 6.118 %



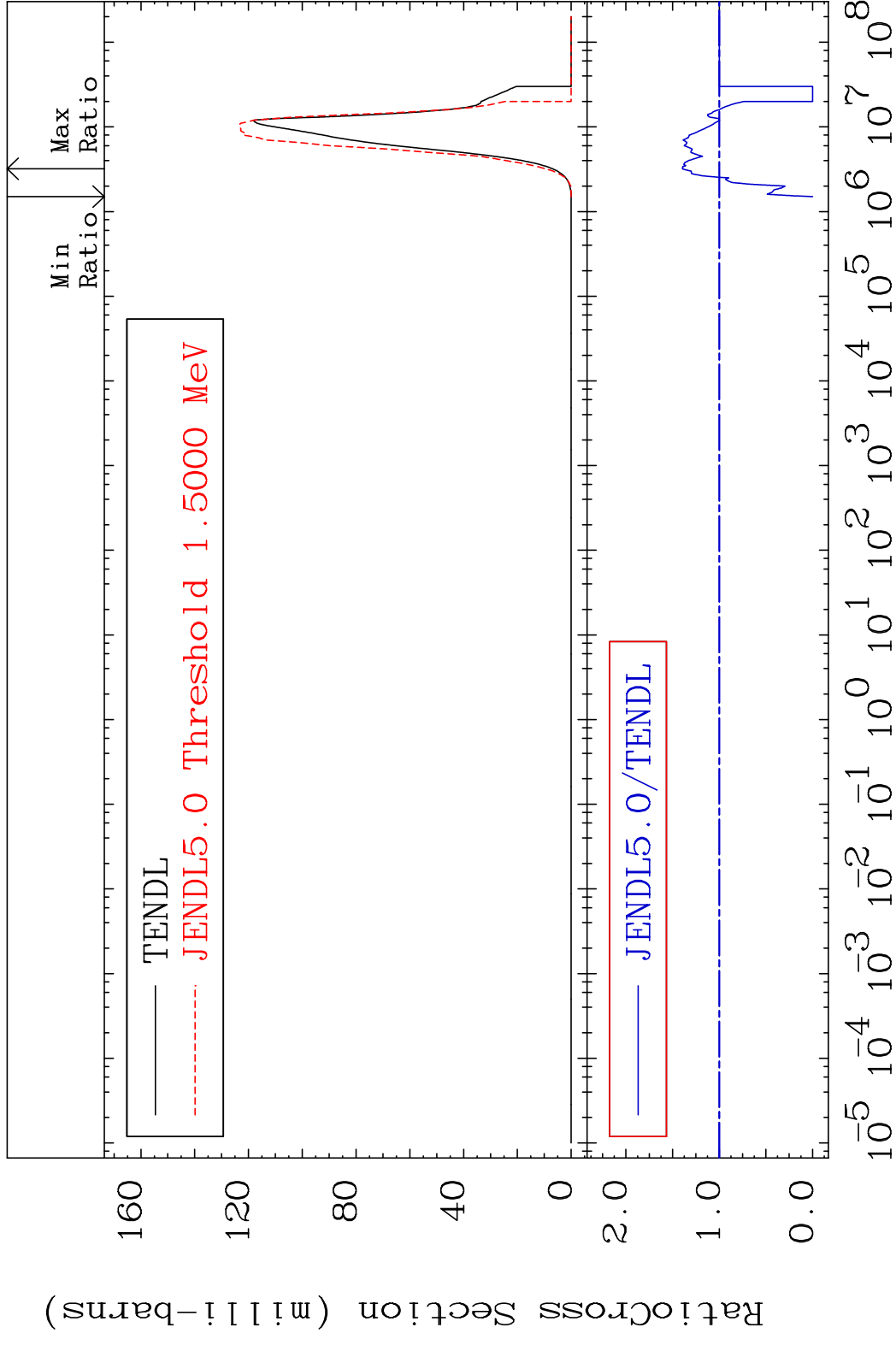
MAT 4225 (n, n') p:41-Nb-91m1 42-Mo-92
 Radionuclide Production Cross Section 180.0 mb 15.72 %

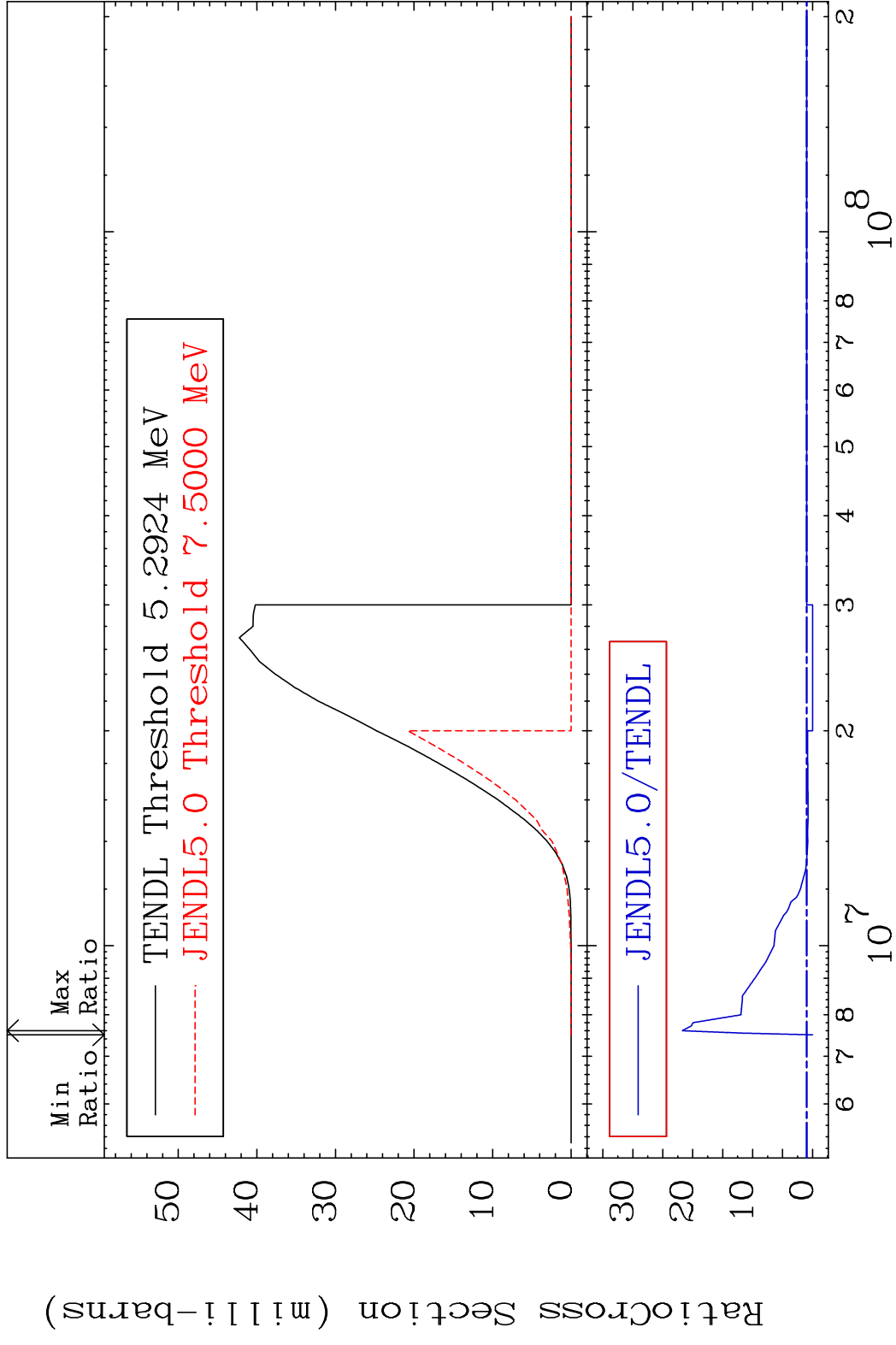


60 Incident Energy (eV) 42-Mo-92

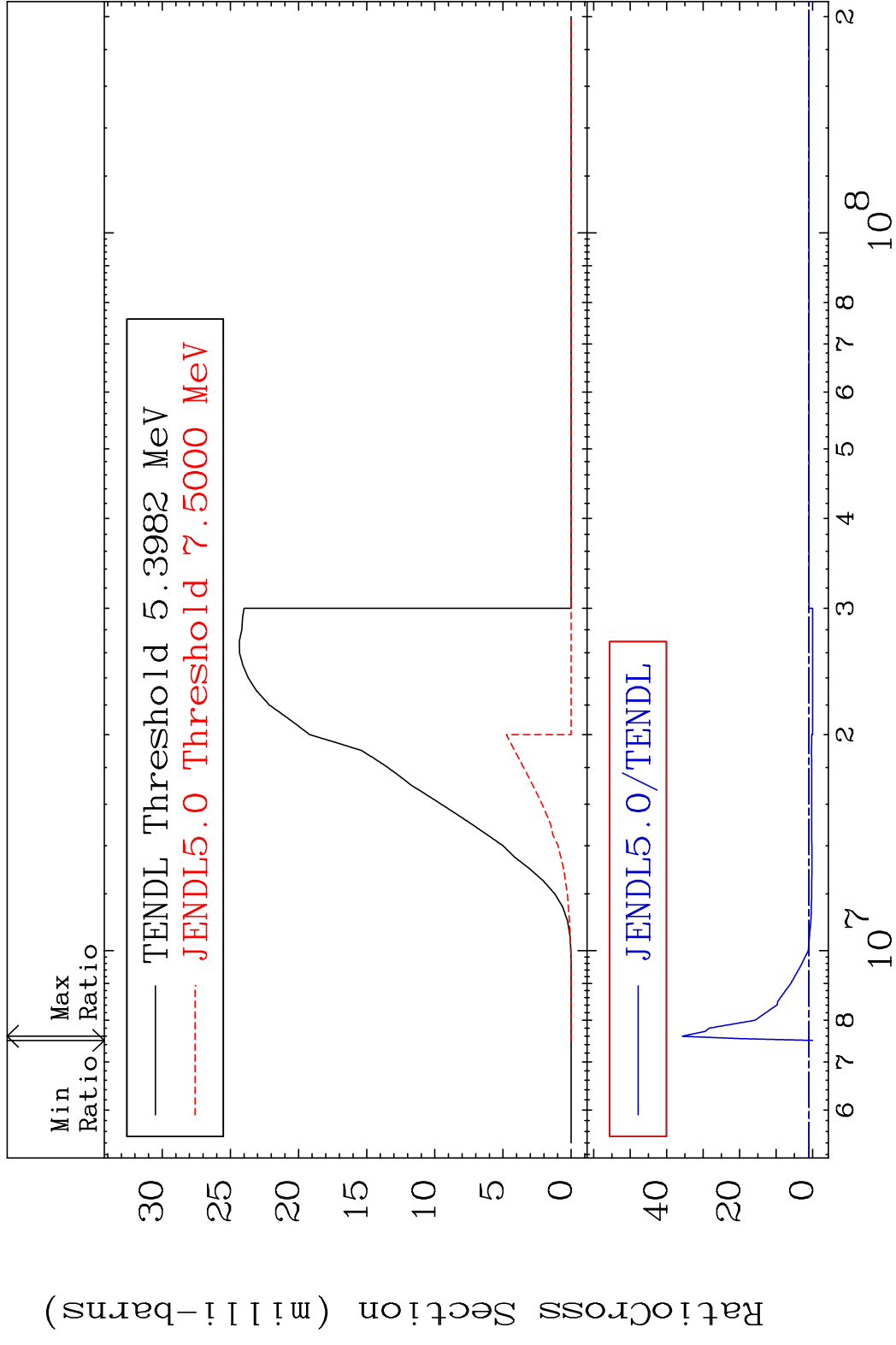


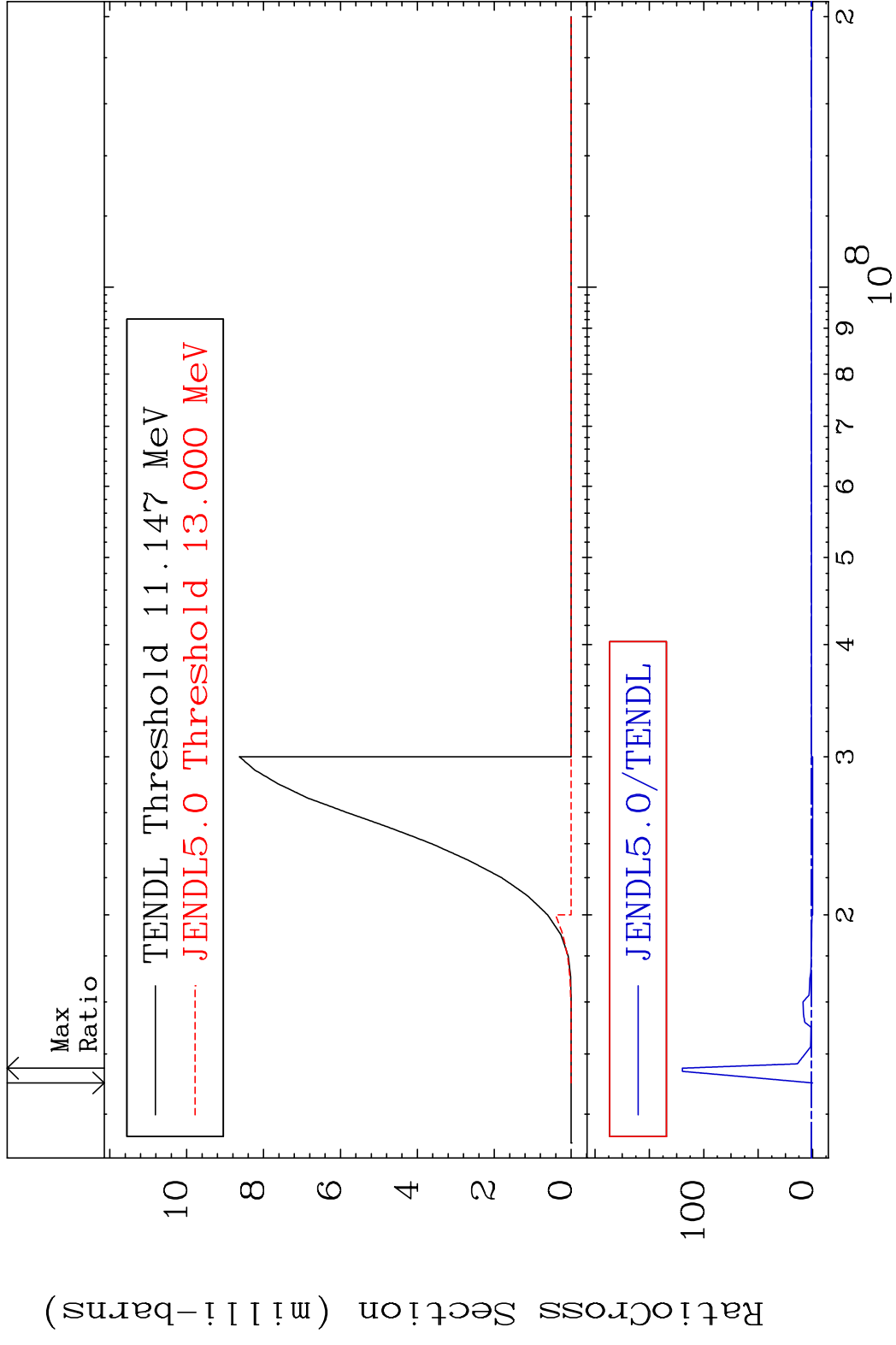
MAT 4225 (n,p):41-Nb-92m1 42-Mo-92
 Radionuclide Production Cross Section 180.01 dth 39.53 %

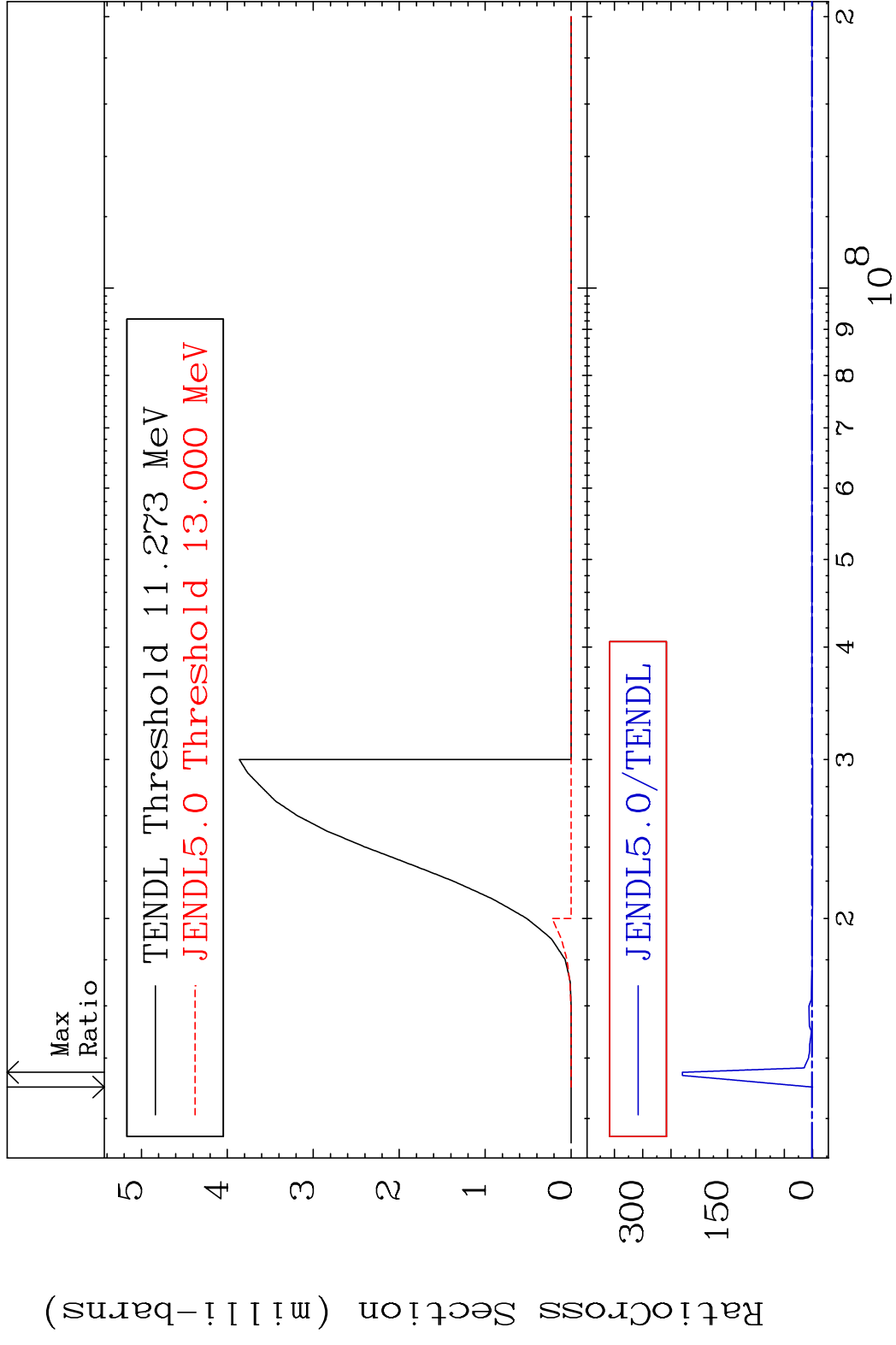




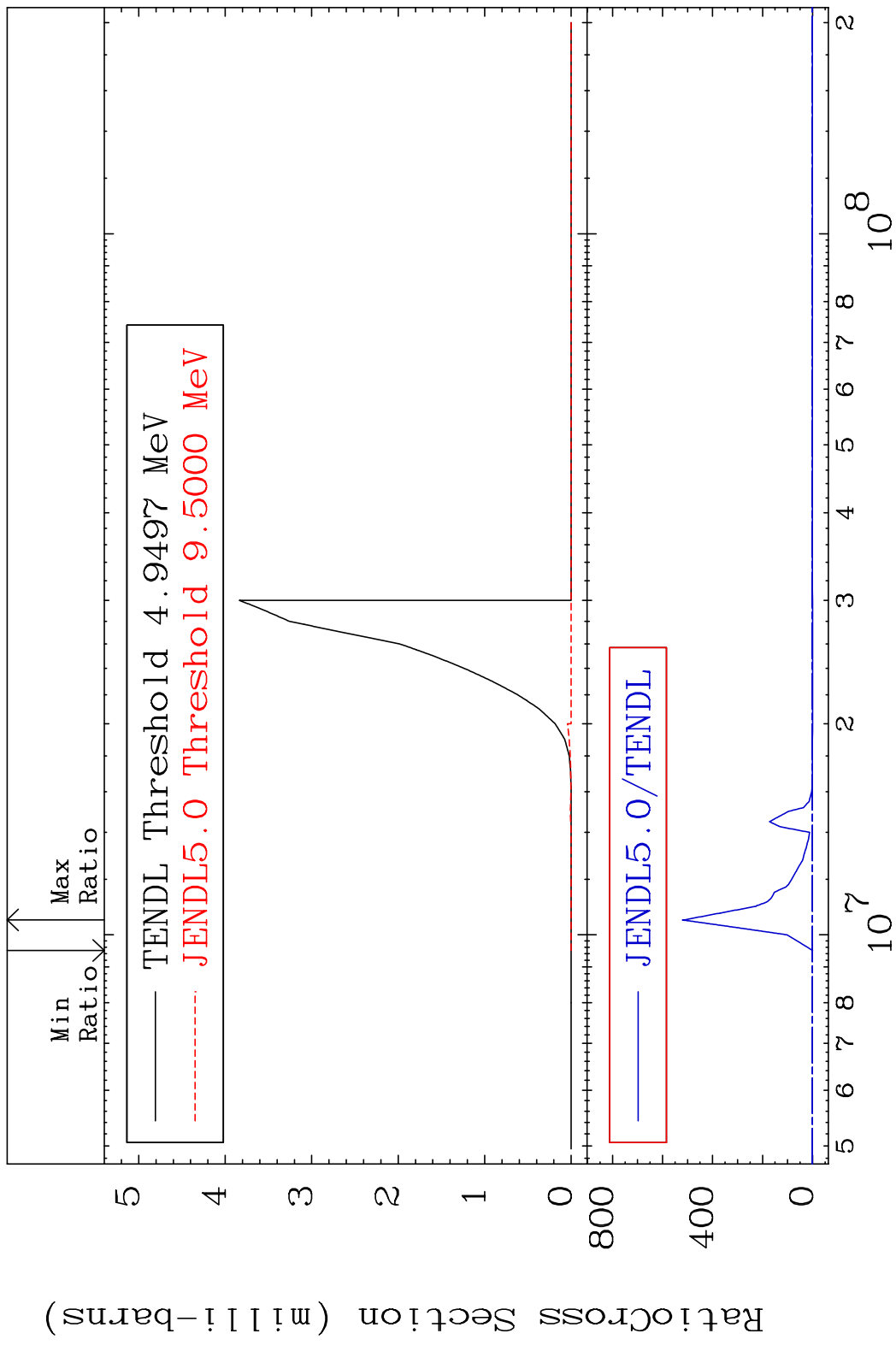
MAT 4225 (n, d): 41-Nb-91m1 42-Mo-92
 Radionuclide Production Cross Section 180.01 dth 3468. %

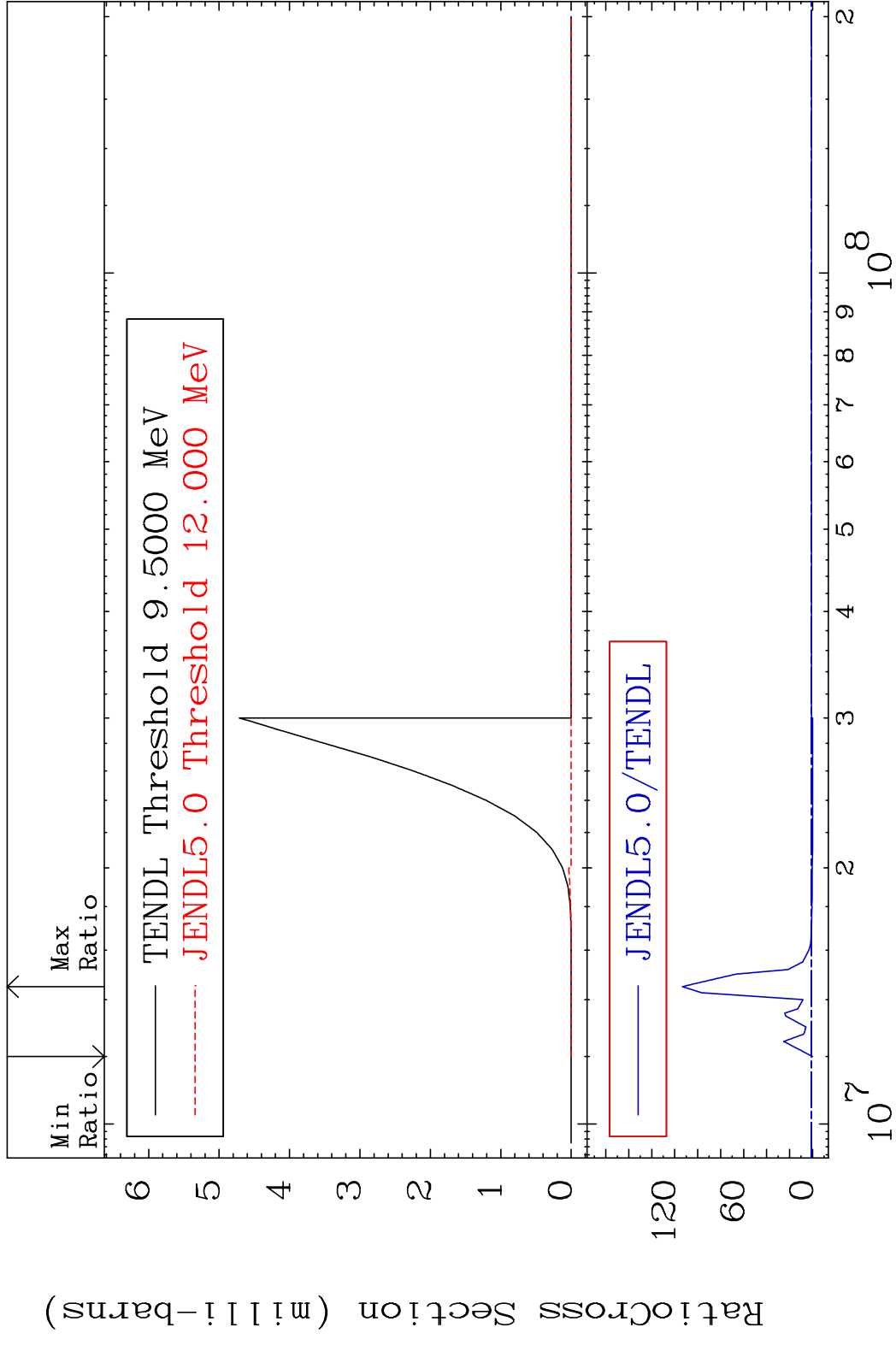




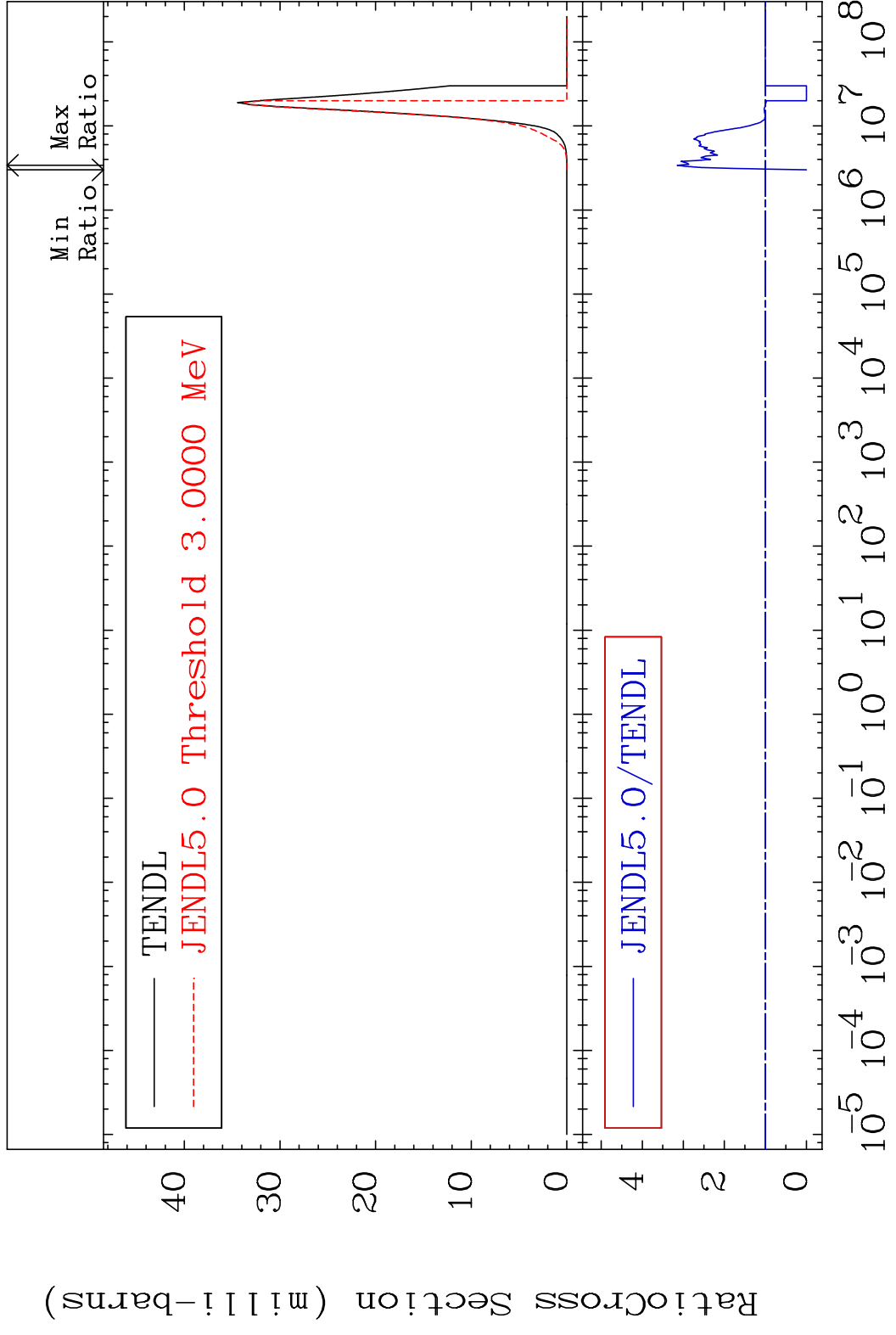


MAT 4225 (n, He-3): 40-Zr-90g 42-Mo-92
 Radionuclide Production Cross Section Ratio 9999. %





MAT 4225 (n, α) : 40-Zr-89g 42-Mo-92
 Radionuclide Production Cross Section Ratio 214.9 %



MAT 4225 (n,α): 40-Zr-89m1 42-Mo-92
 Radionuclide Production Cross Section 180.0 dth 224.5 %

