

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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Press Mouse Button to Start

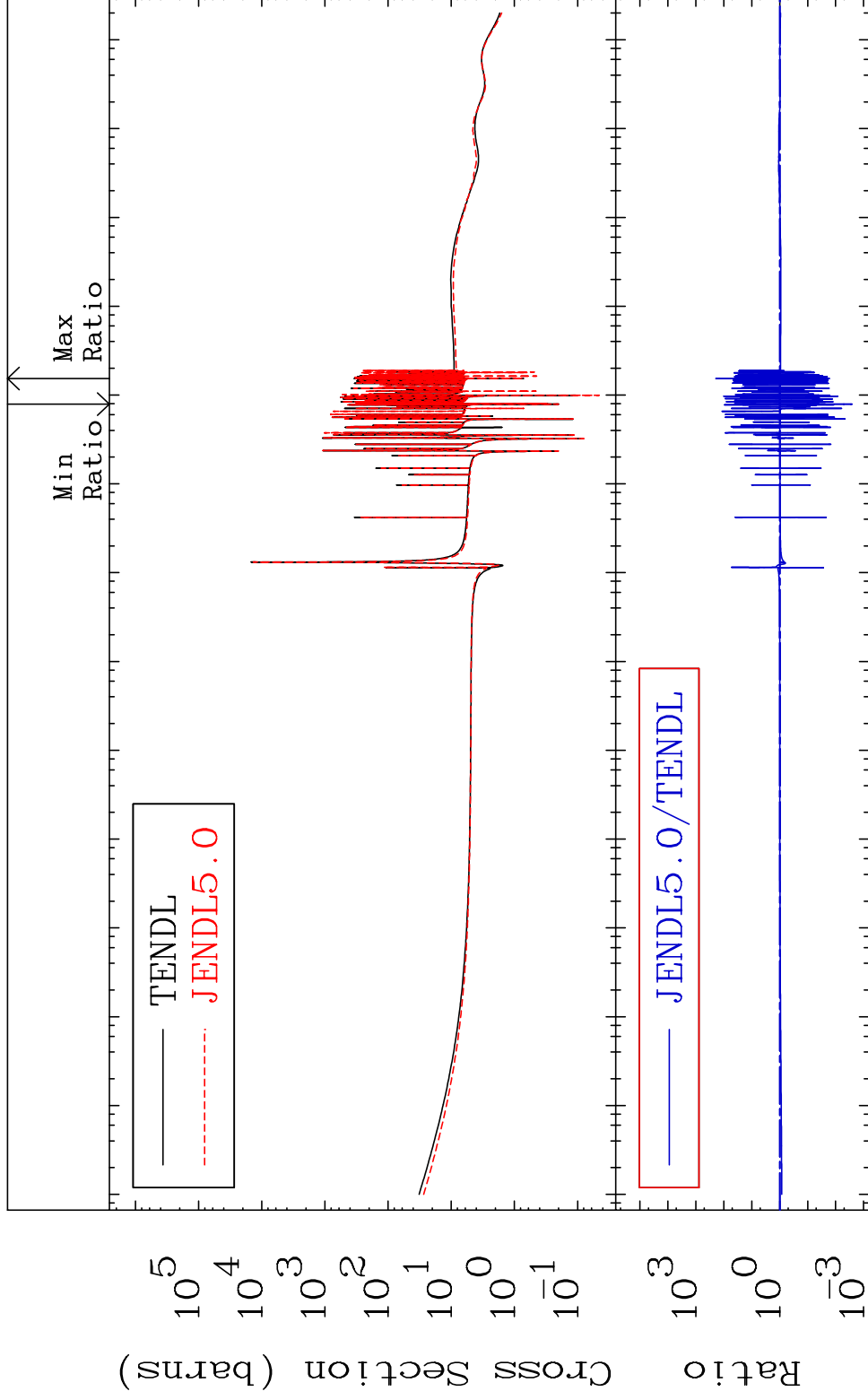
MAT 4237

Total

42-Mo-96

Cross Section

-99.74 To 9999. %



1

Incident Energy (eV)

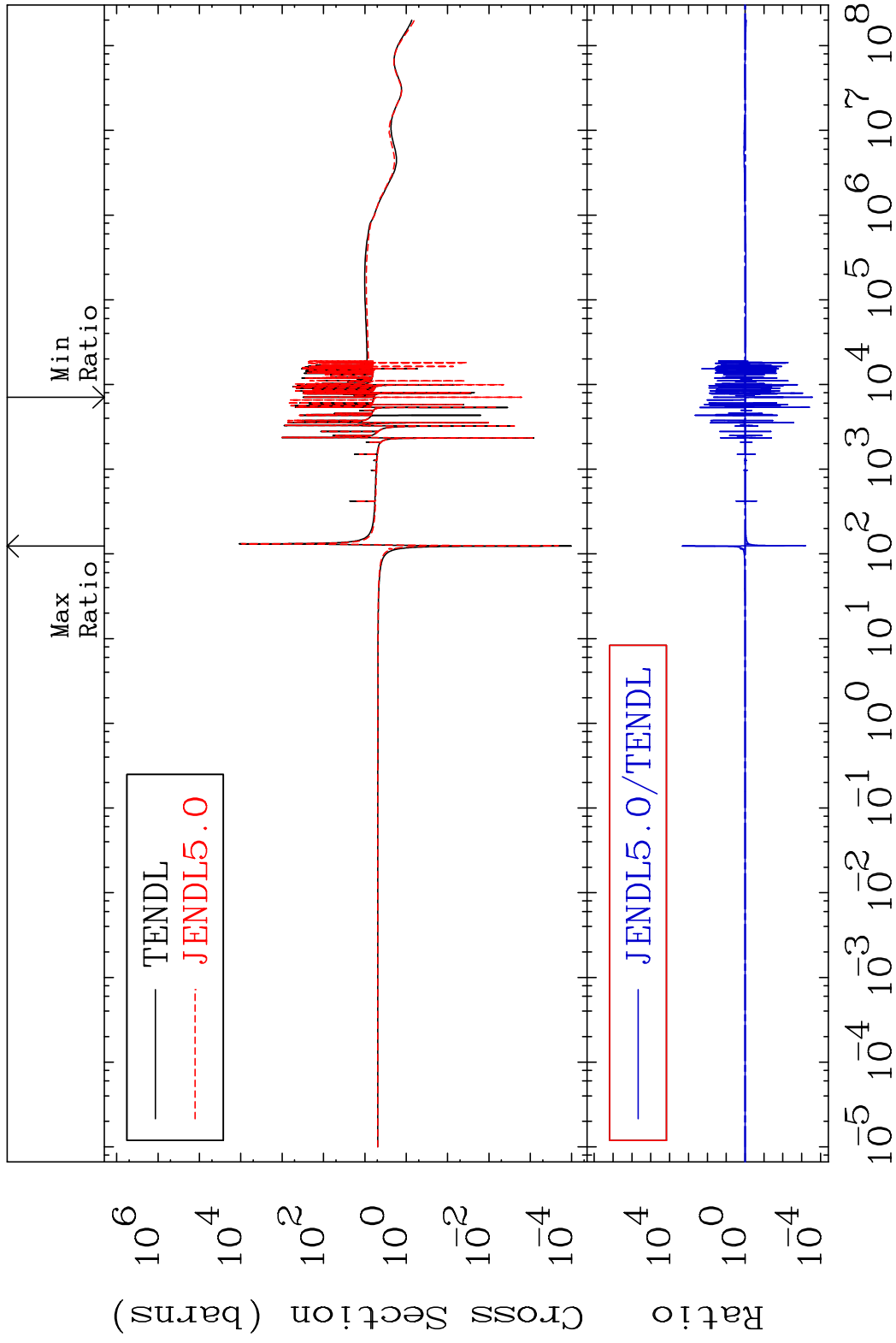
42-Mo-96

MAT 4237

Elastic

42-Mo-96

Cross Section -99.97 To 9999. %



2

Incident Energy (eV)

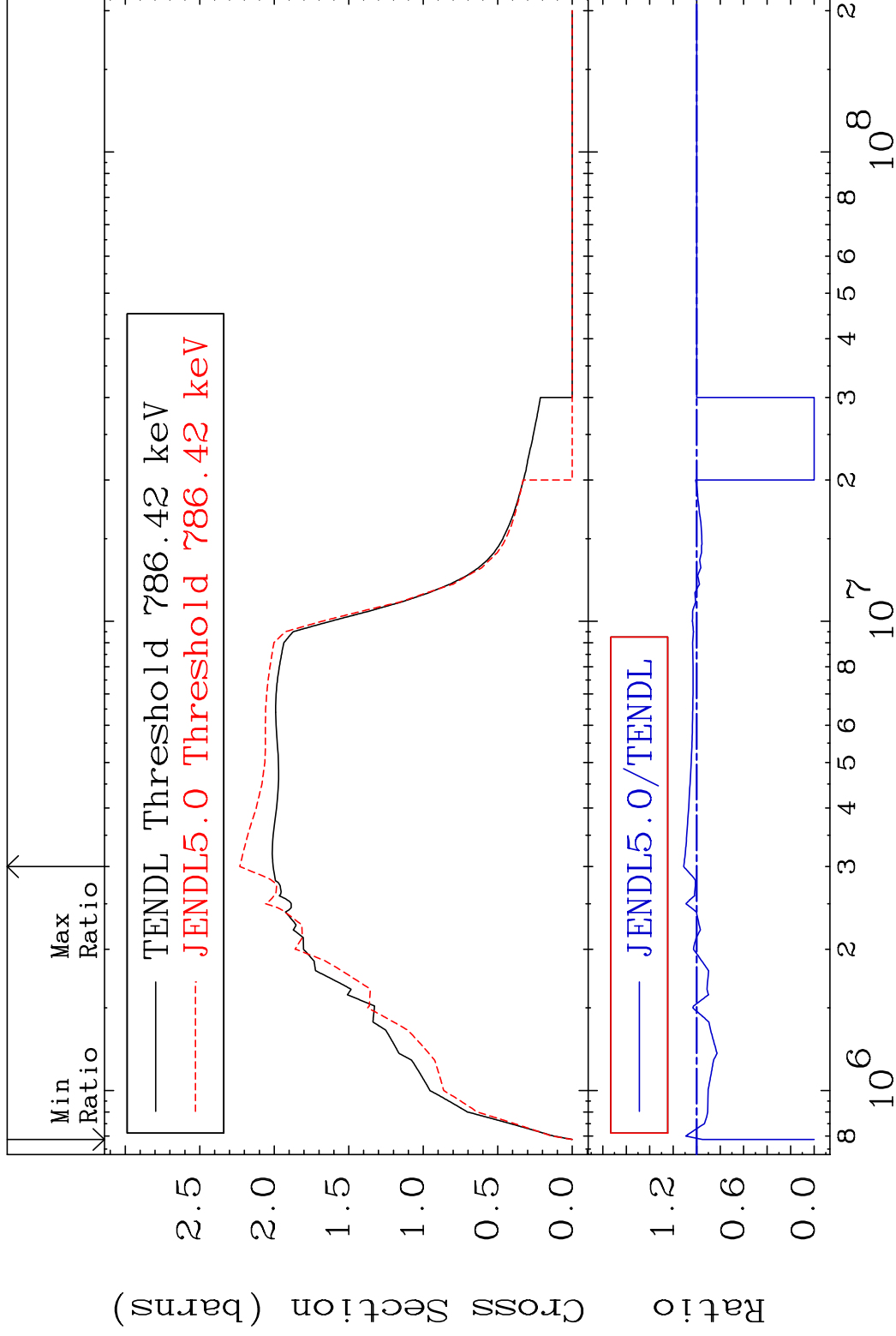
42-Mo-96

MAT 4237

Inelastic

42-Mo-96

Cross Section -100.0 To 11.12 %



3

Incident Energy (eV)

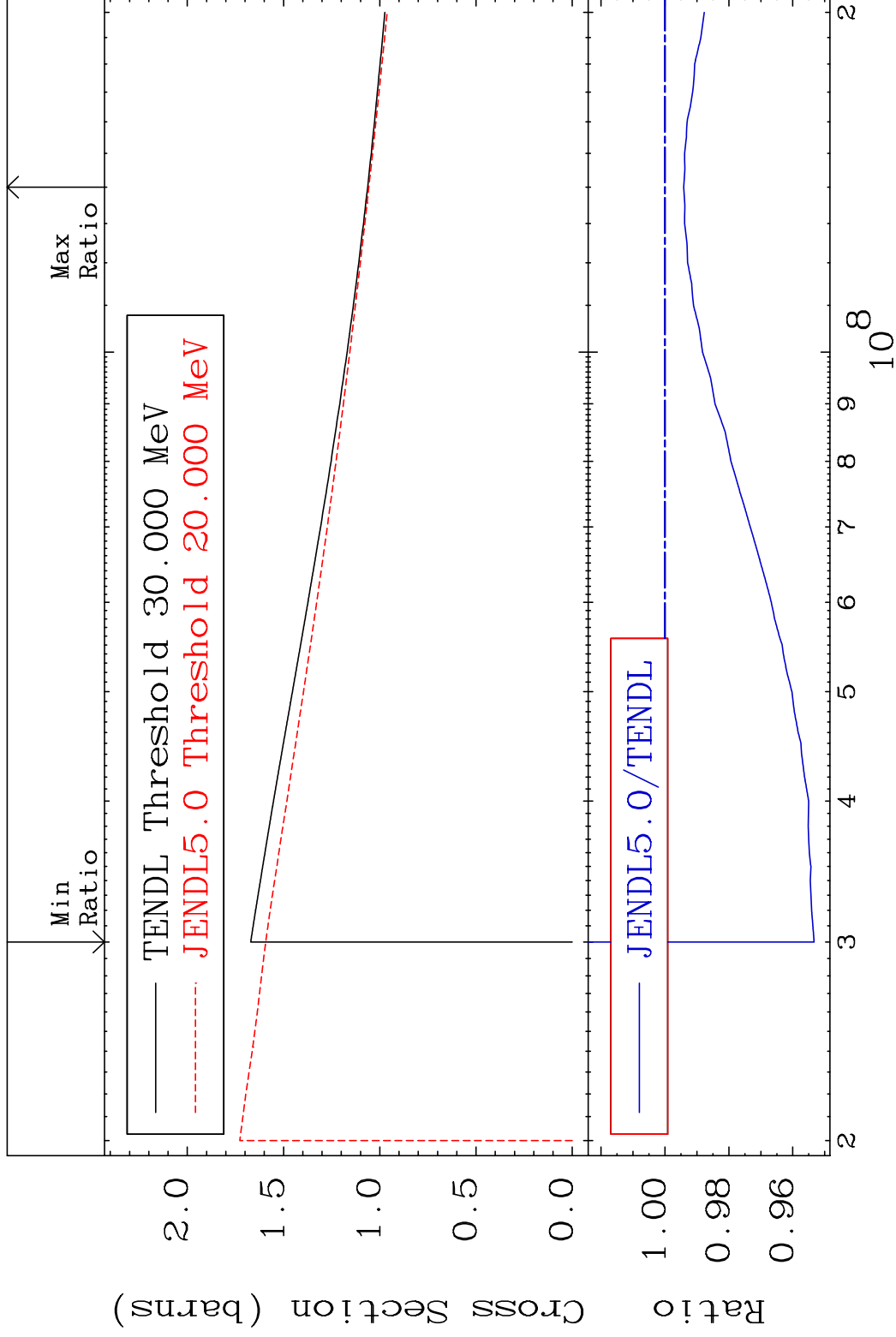
42-Mo-96

MAT 4237

(n, remainder)

42-Mo-96

Cross Section -4.6667 To -0.585%



4

Incident Energy (eV)

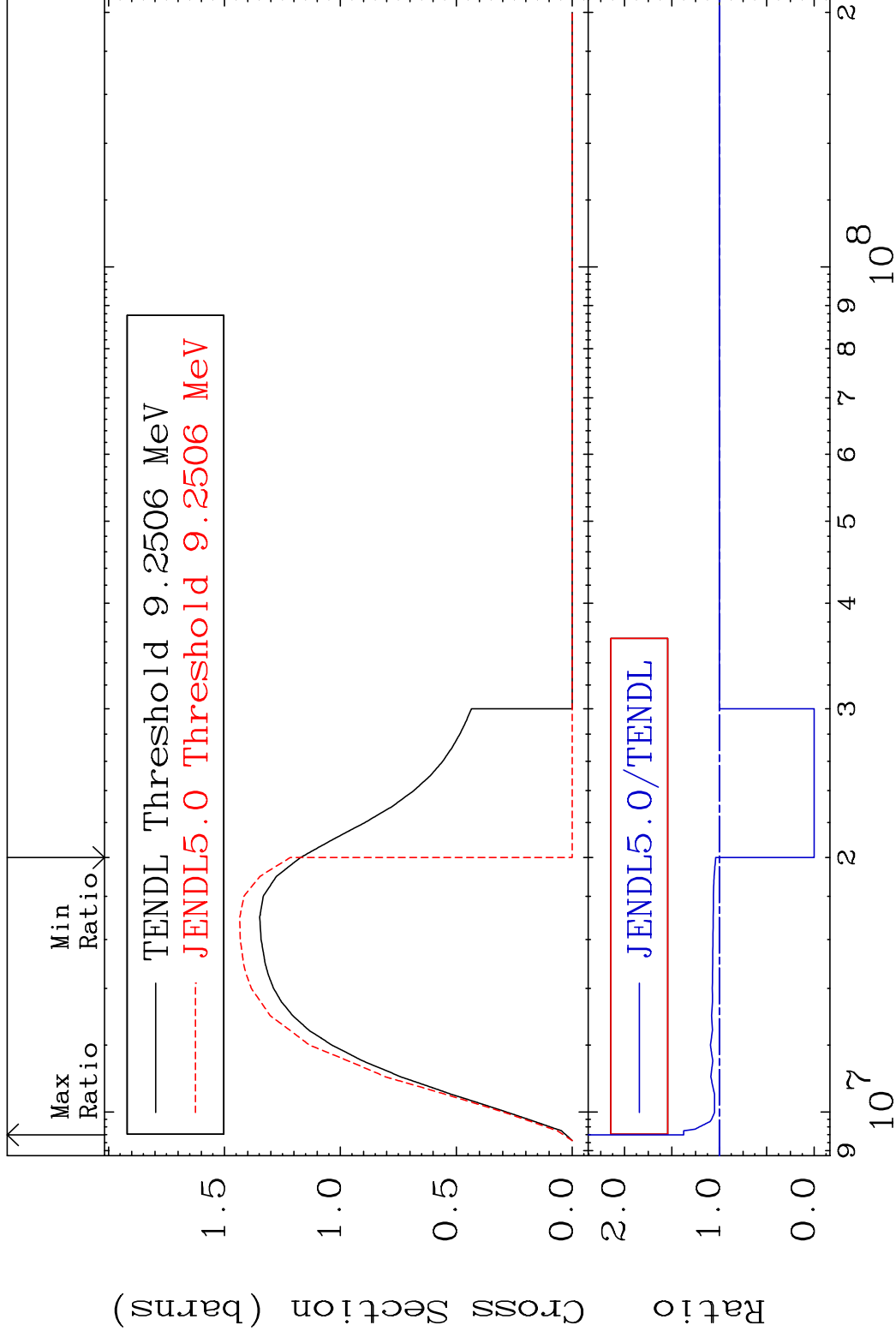
42-Mo-96

MAT 4237

(n,2n)

42-Mo-96

Cross Section -100.0 To 37.62 %

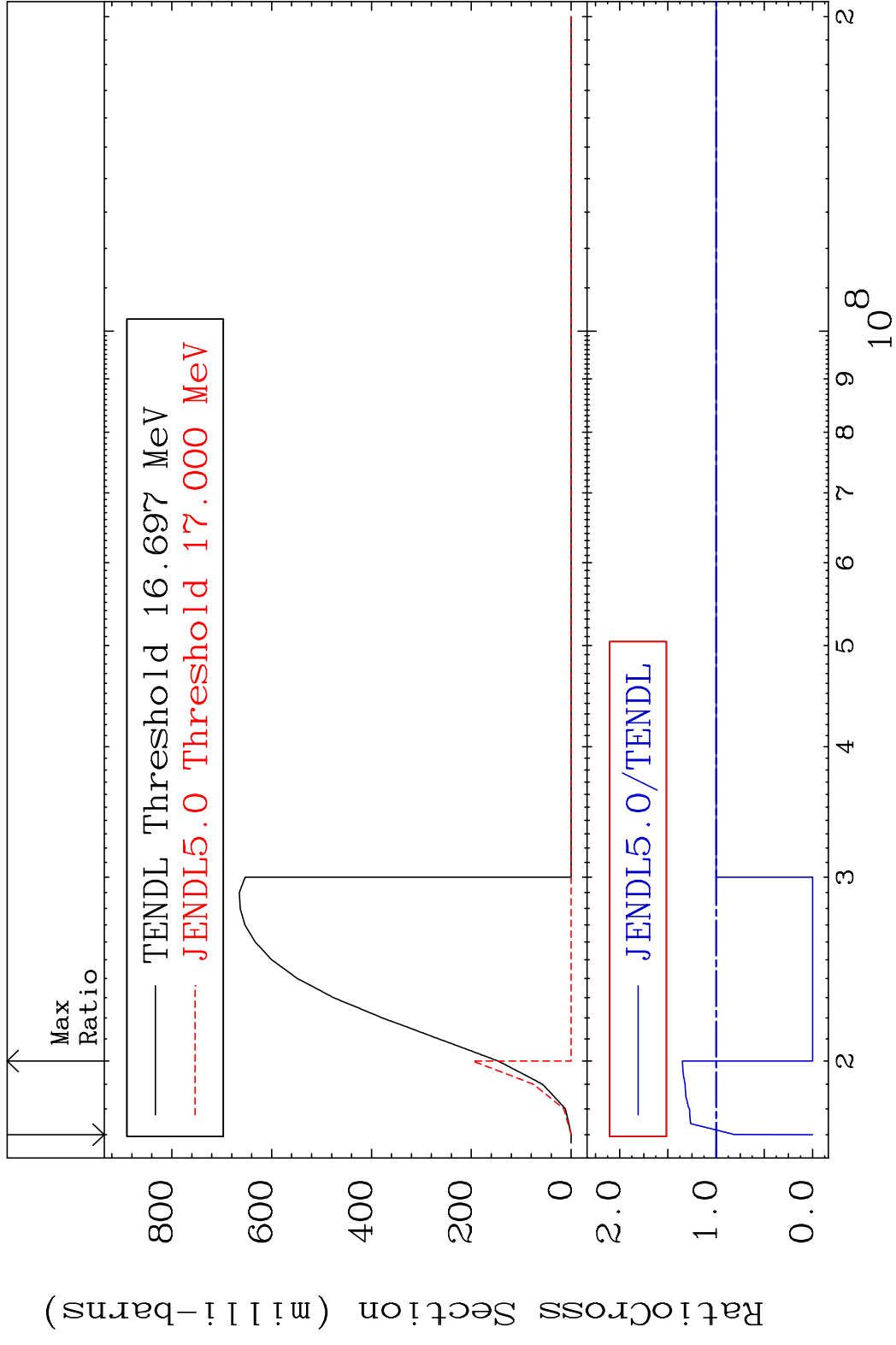


5

Incident Energy (eV)

42-Mo-96

MAT 4237 (n,3n) 42-Mo-96
 Cross Section -100.0 To 34.99 %

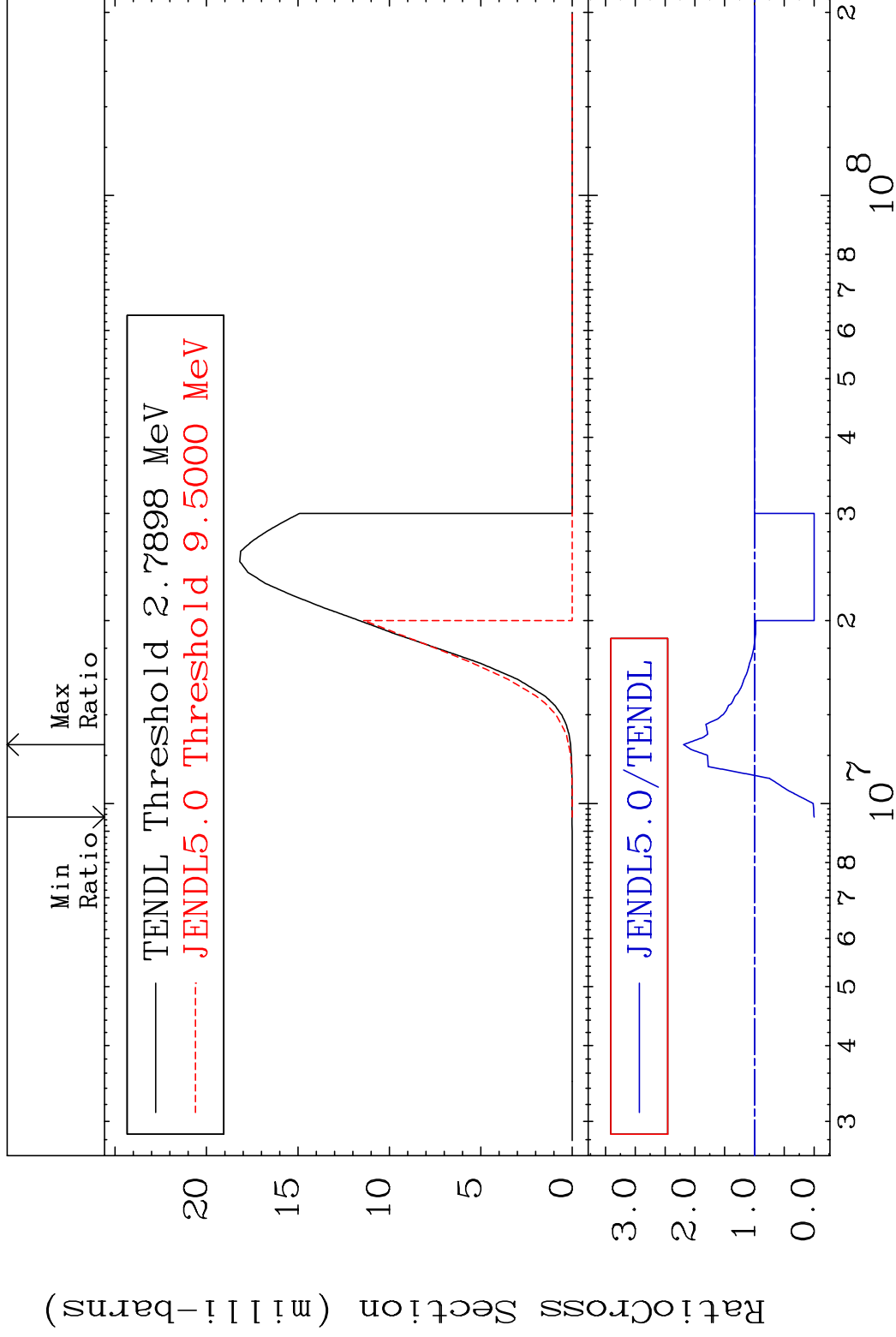


MAT 4237

(n, n') α

42-Mo-96

Cross Section -100.0 To 118.8 %

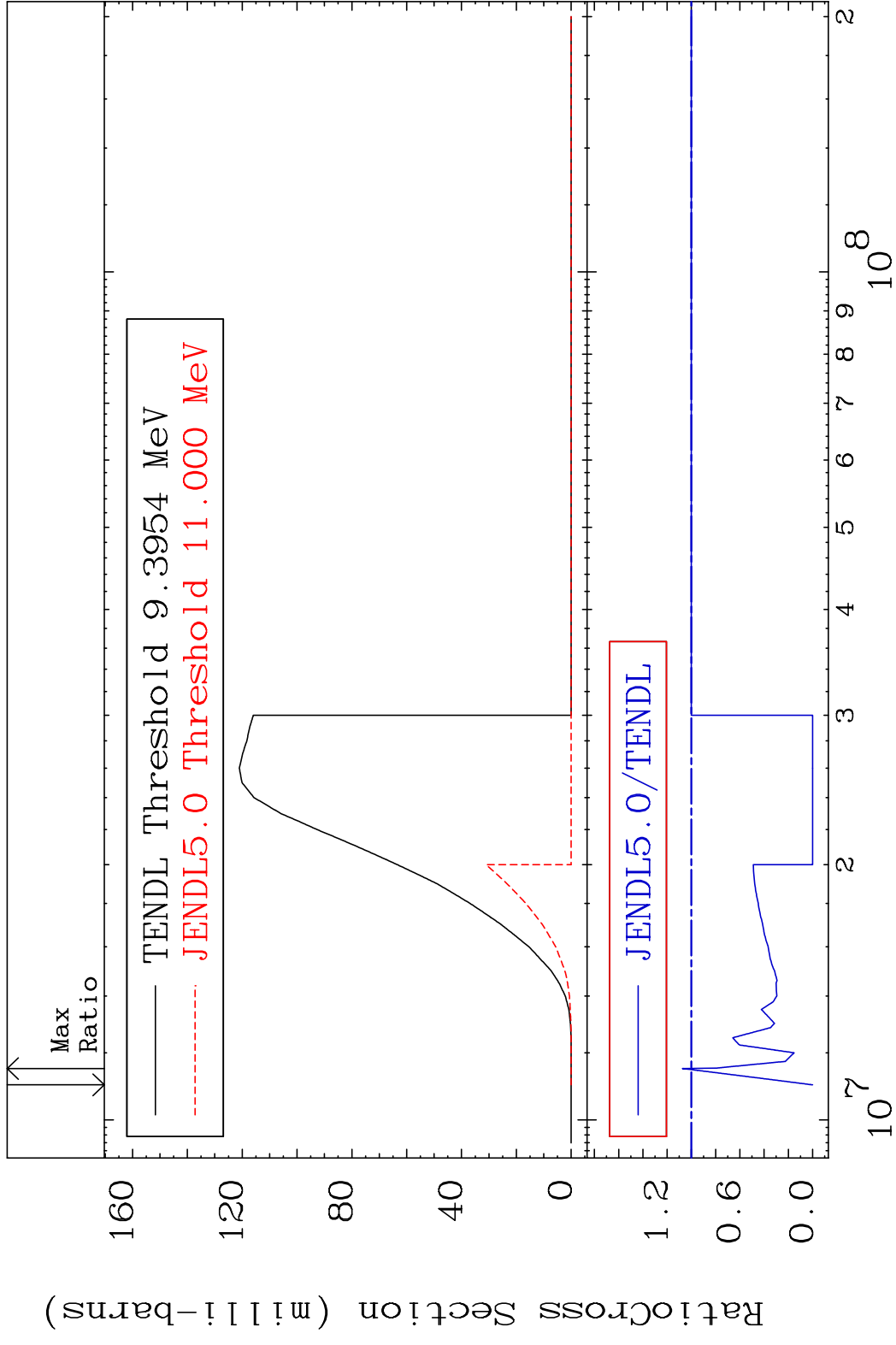


7

Incident Energy (eV)

42-Mo-96

MAT 4237 (n, n') p 42-Mo-96
 Cross Section -100.0 To 7.446 %



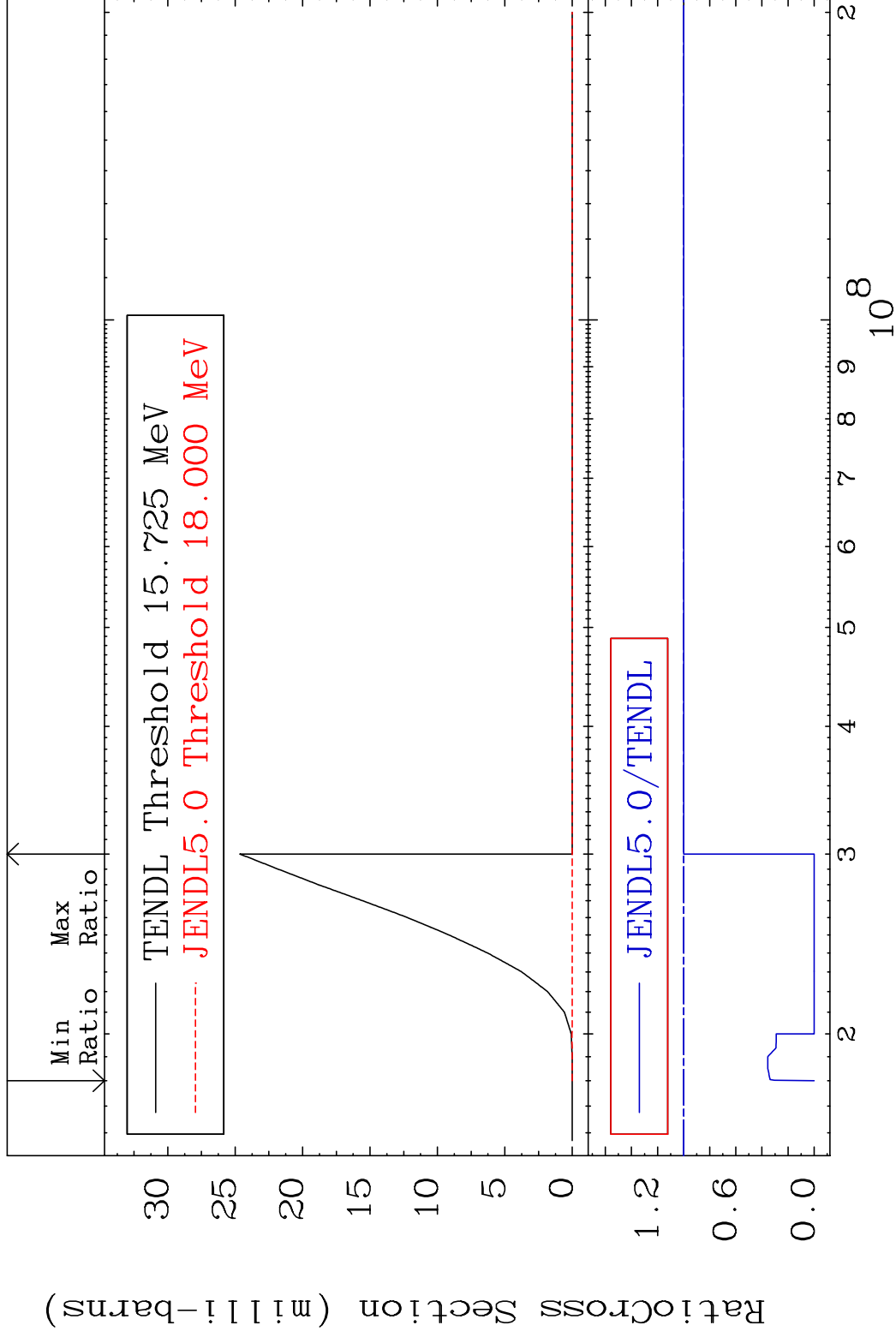
8 8 9 10⁷ 10⁸ 42-Mo-96

MAT 4237

(n, n') d

42-Mo-96

Cross Section -100.0 To 0.000 %

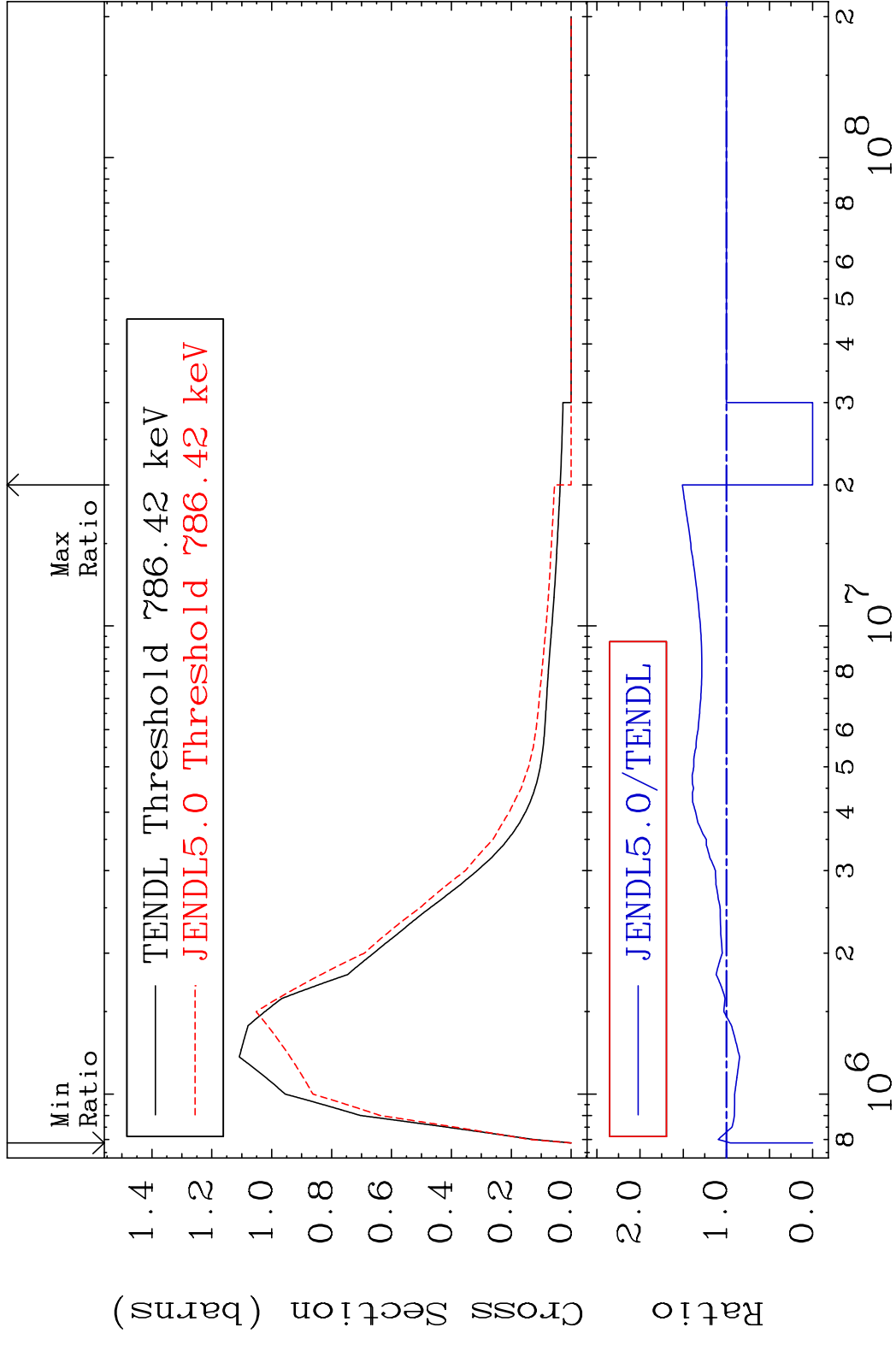


9

Incident Energy (eV)

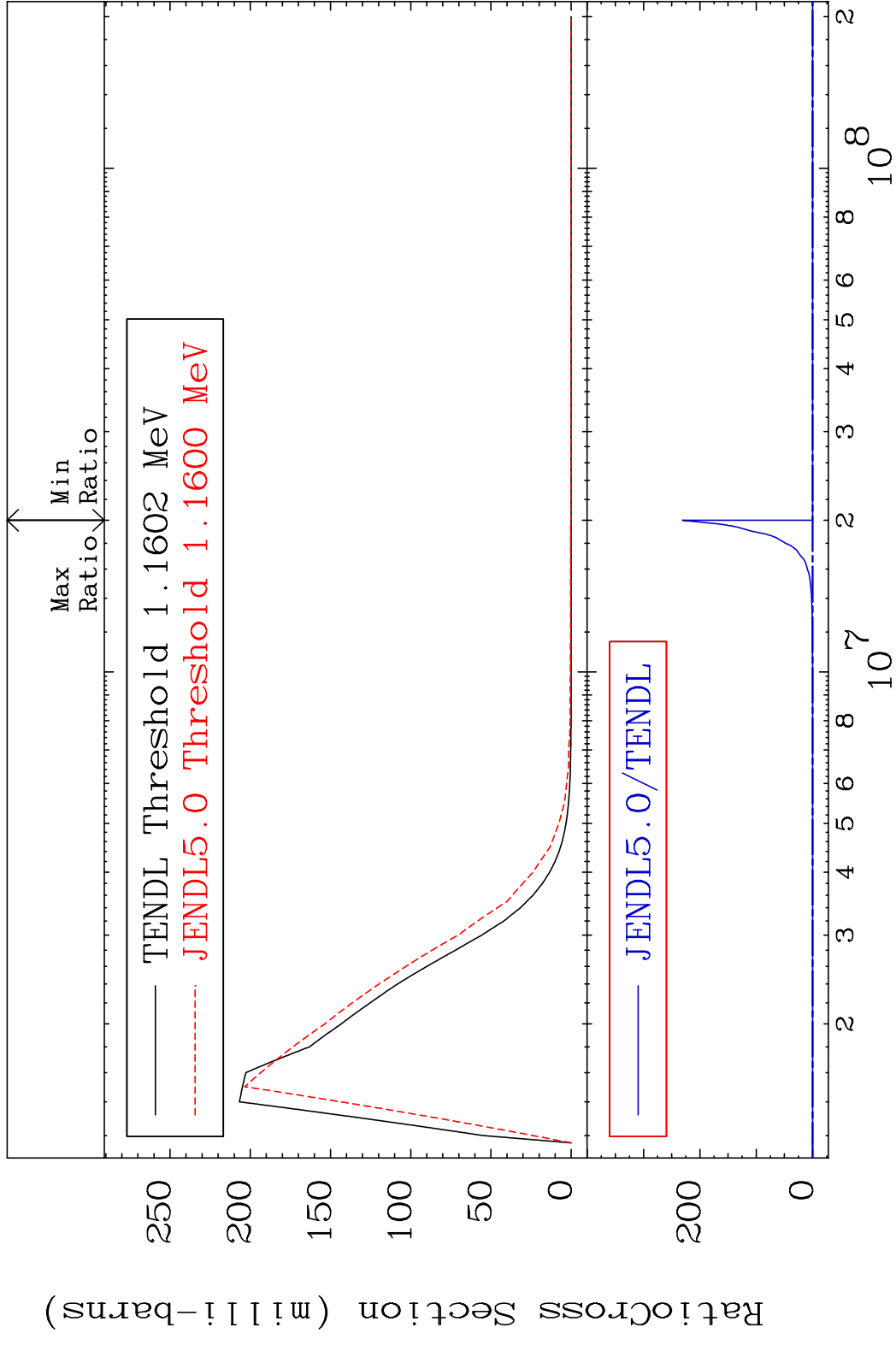
42-Mo-96

MAT 4237 MT= 51 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 50.98 %

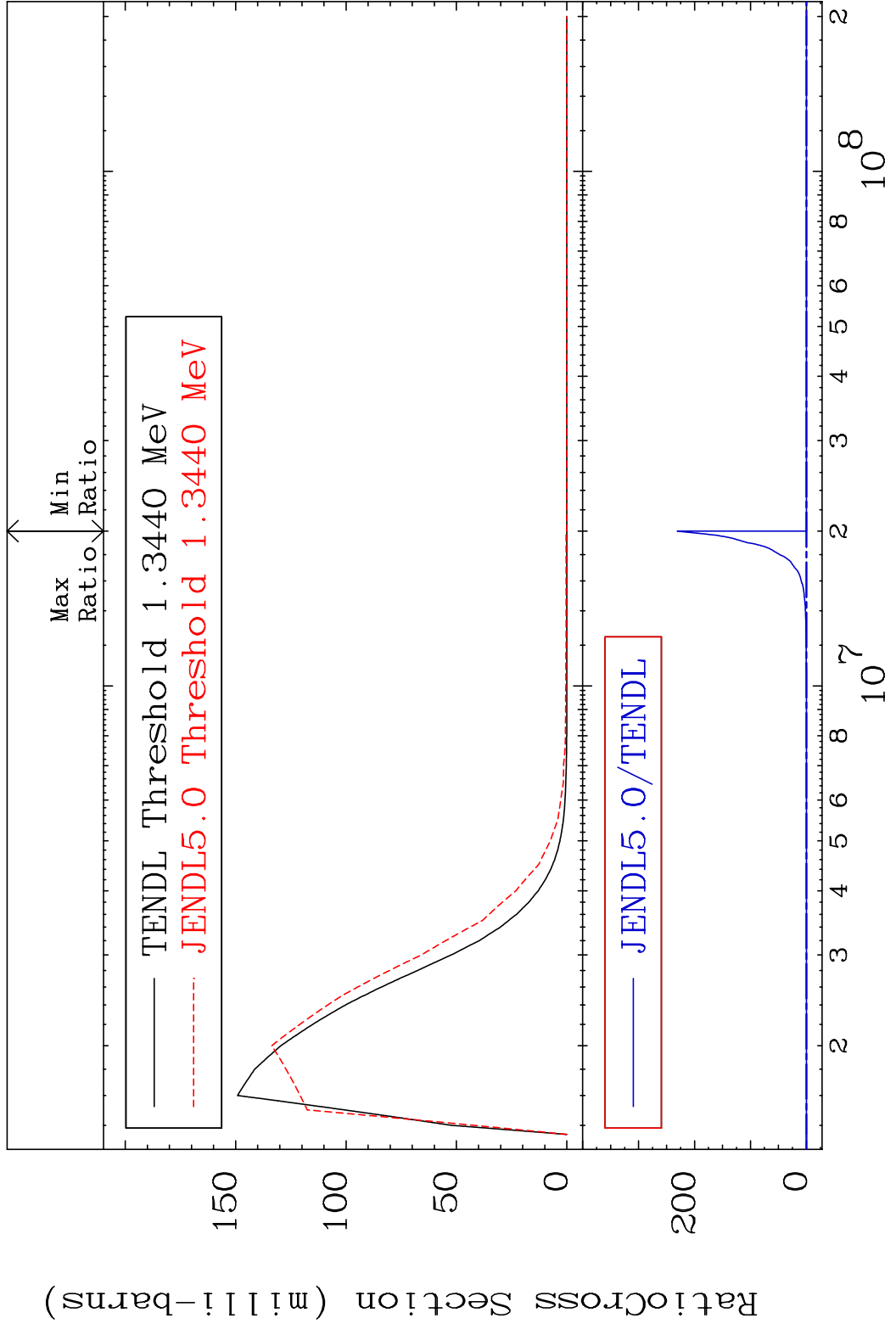


10 Incident Energy (eV) 42-Mo-96

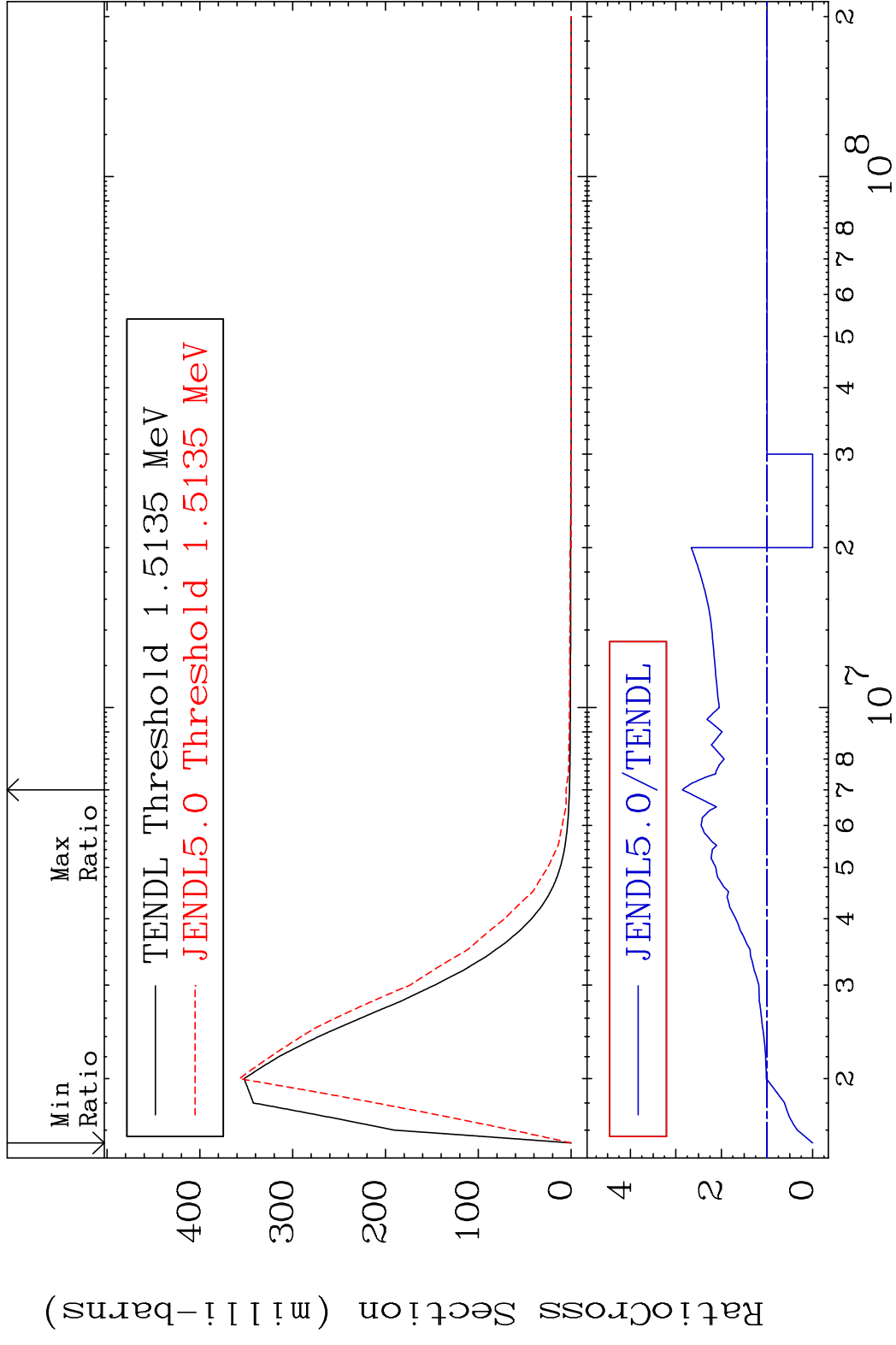
MAT 4237 MT= 52 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 9999. %



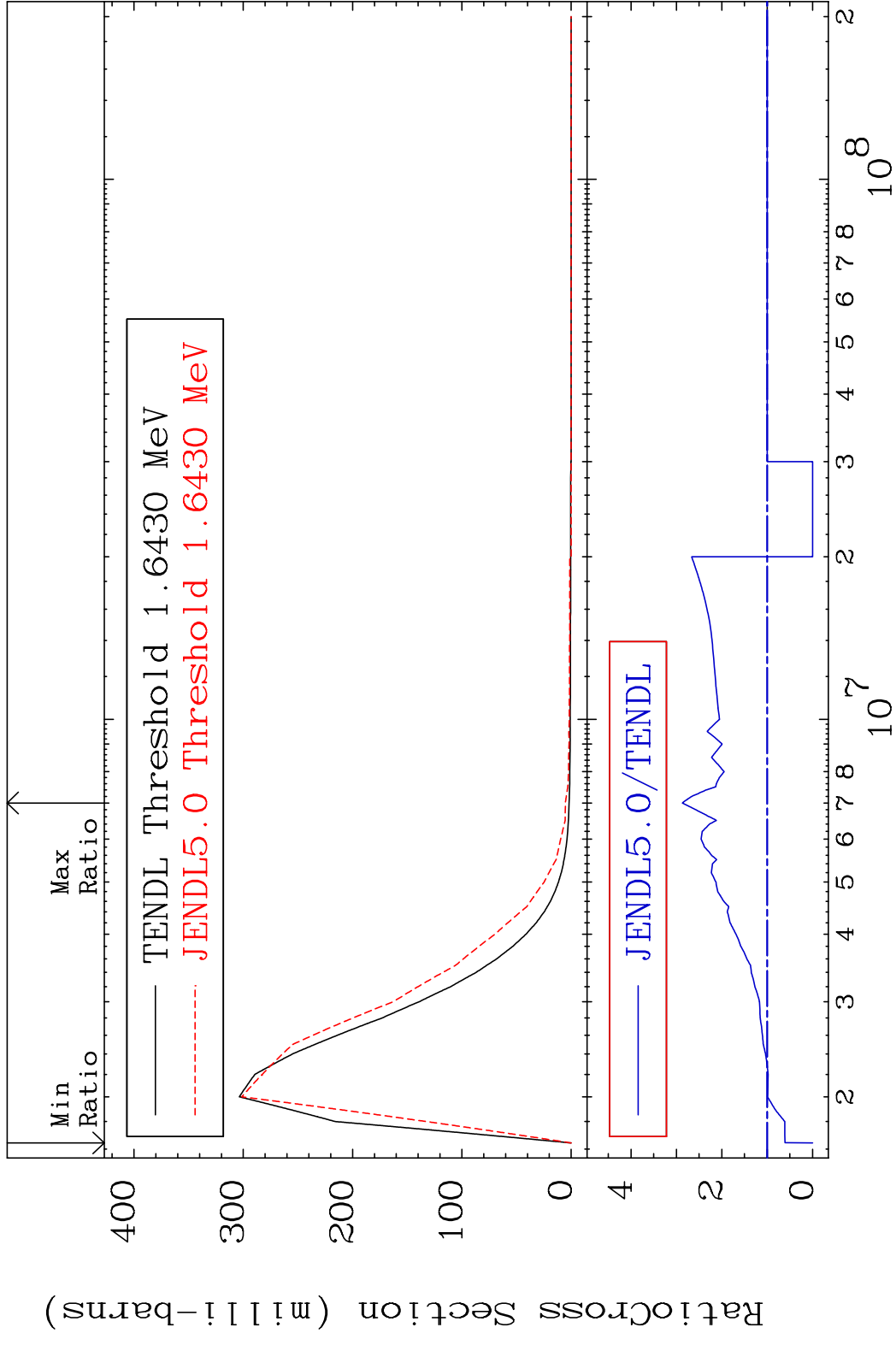
MAT 4237 MT= 53 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 9999. %



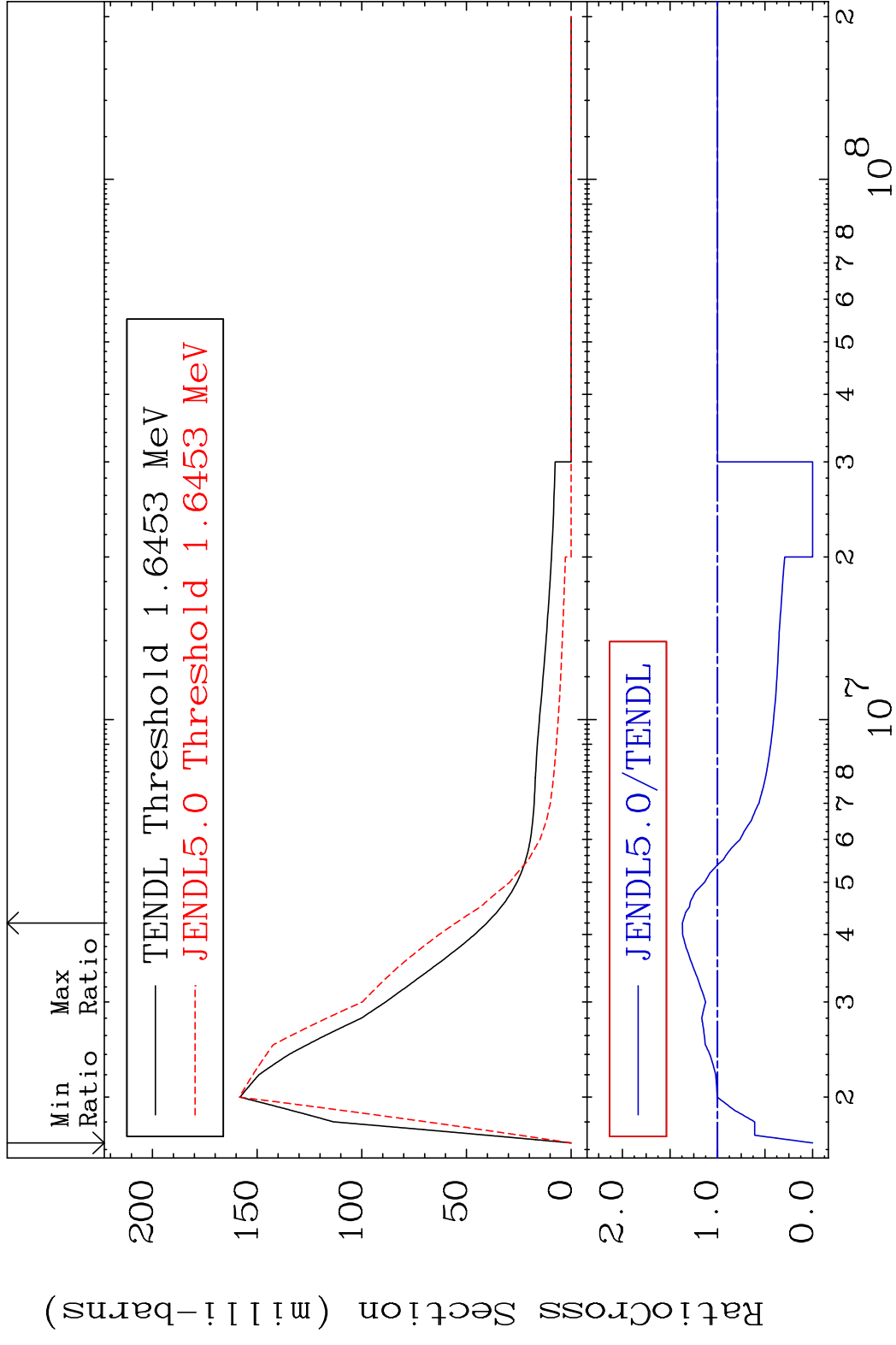
MAT 4237 MT= 54 (n,n') Level 42-Mo-96
 Cross Section -100.0 To 185.8 %



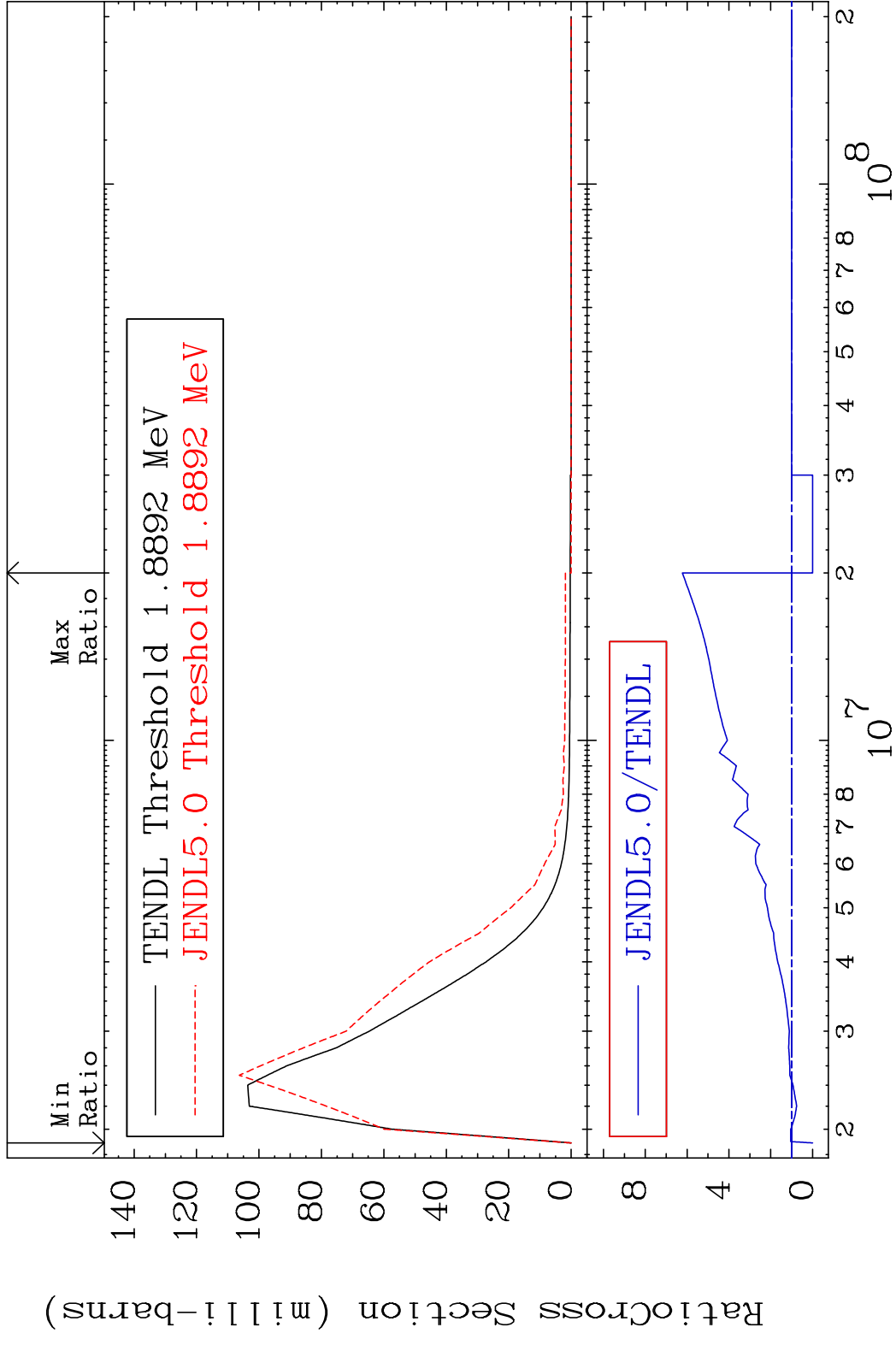
MAT 4237 MT= 55 (n,n') Level 42-Mo-96
 Cross Section -100.0 To 186.9 %



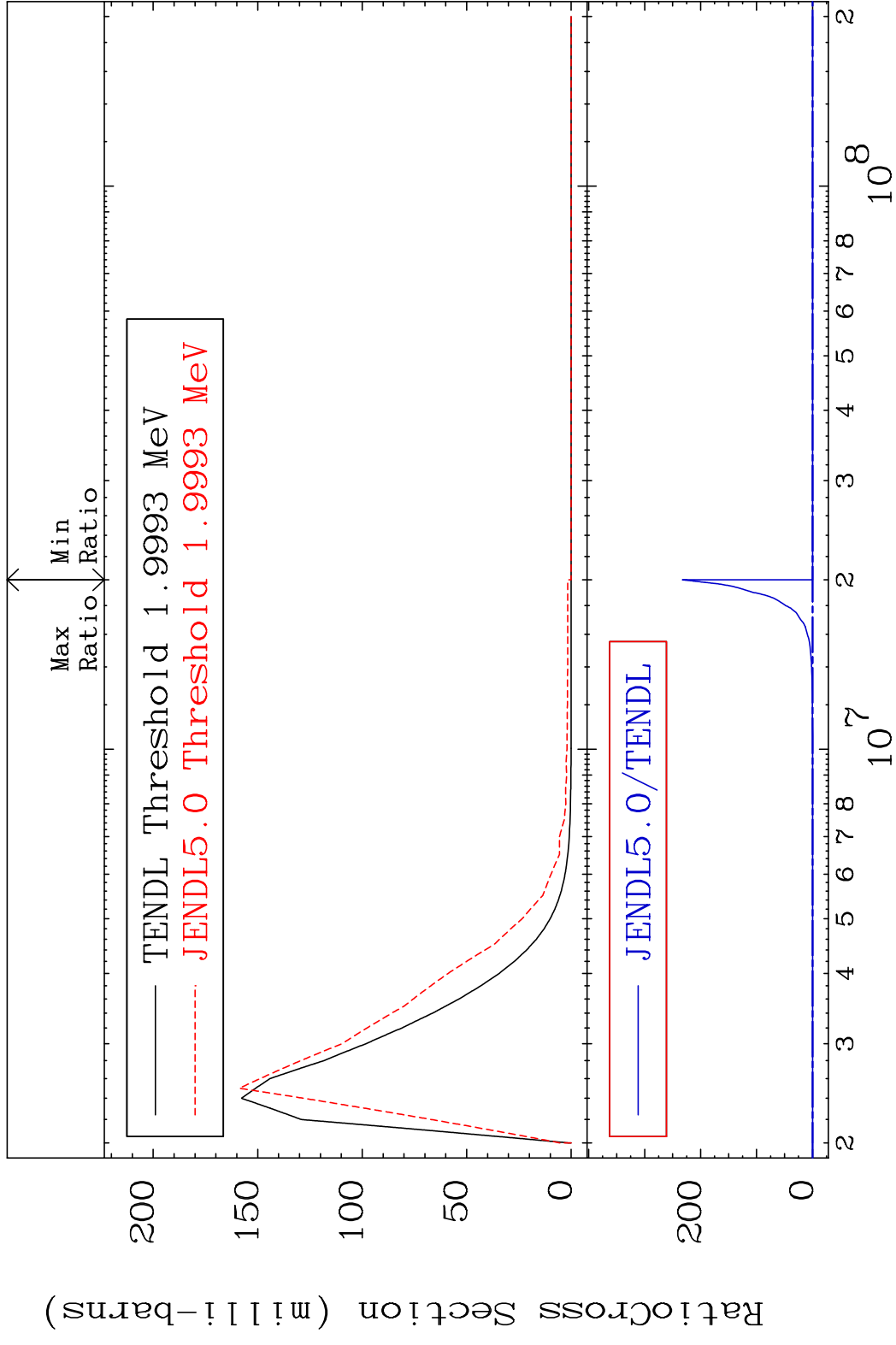
MAT 4237 MT= 56 (n,n') Level 42-Mo-96
 Cross Section -100.0 To 36.97 %



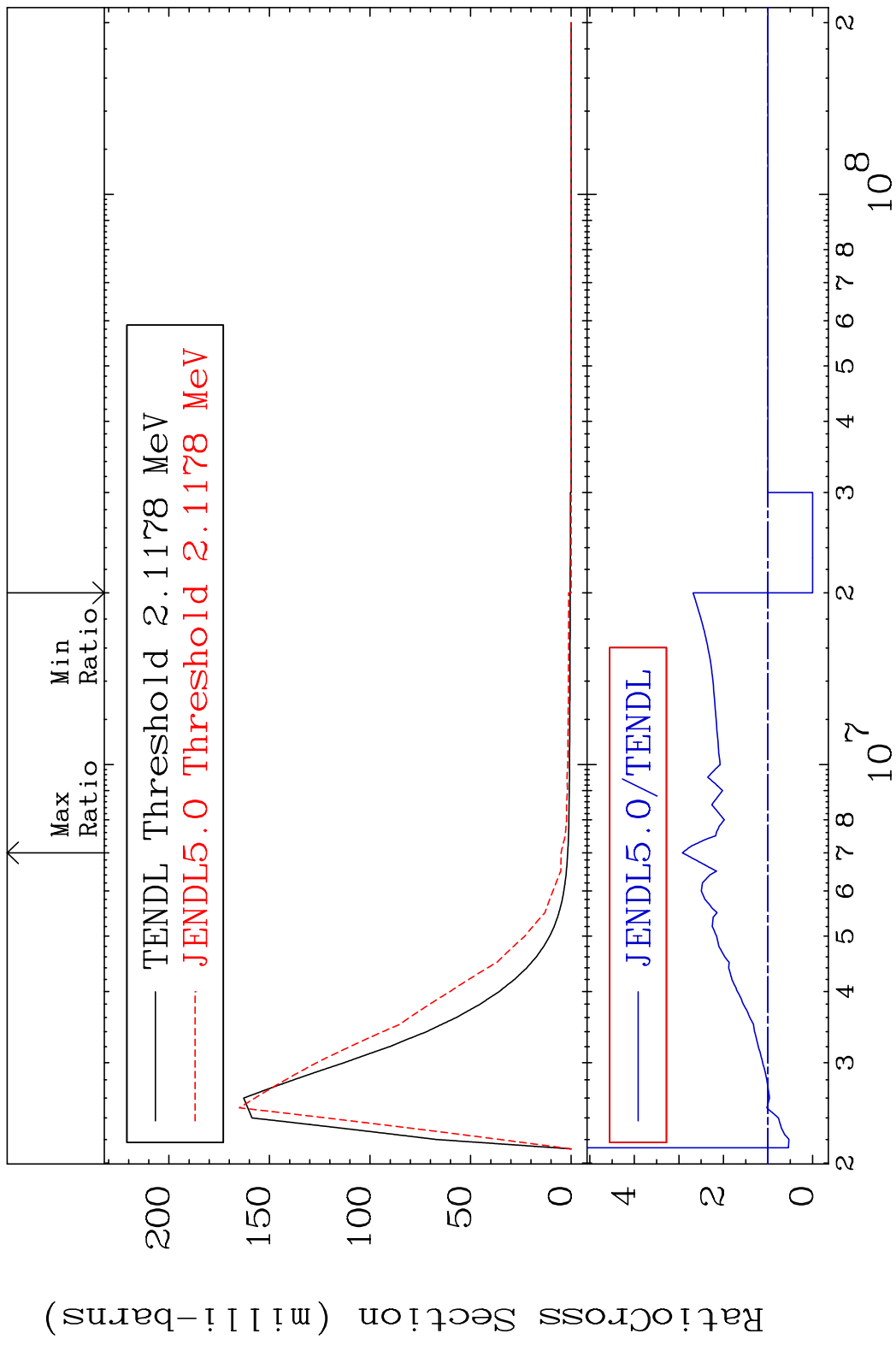
MAT 4237 MT= 57 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 522.7 %



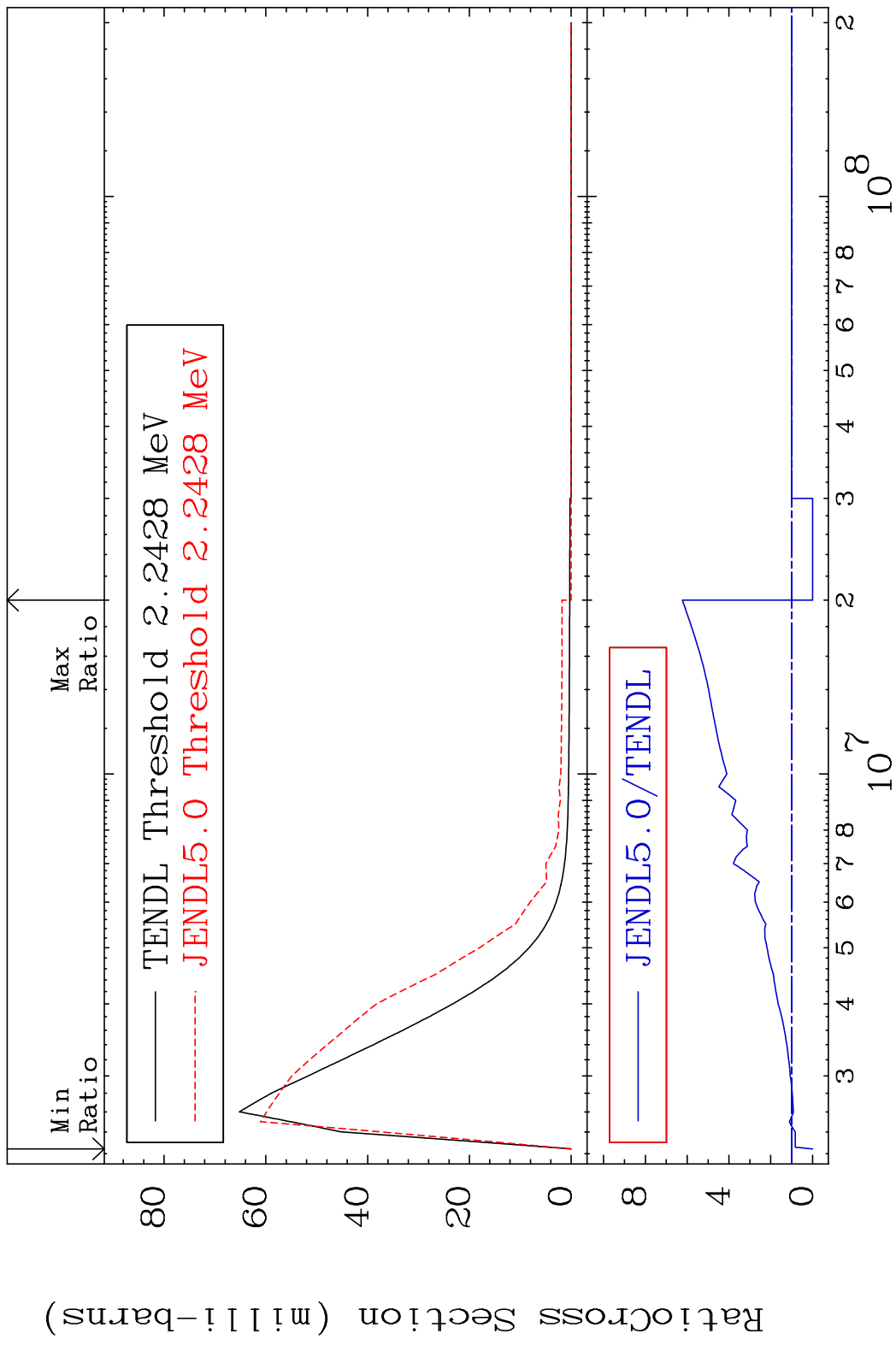
MAT 4237 MT= 58 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 9999. %



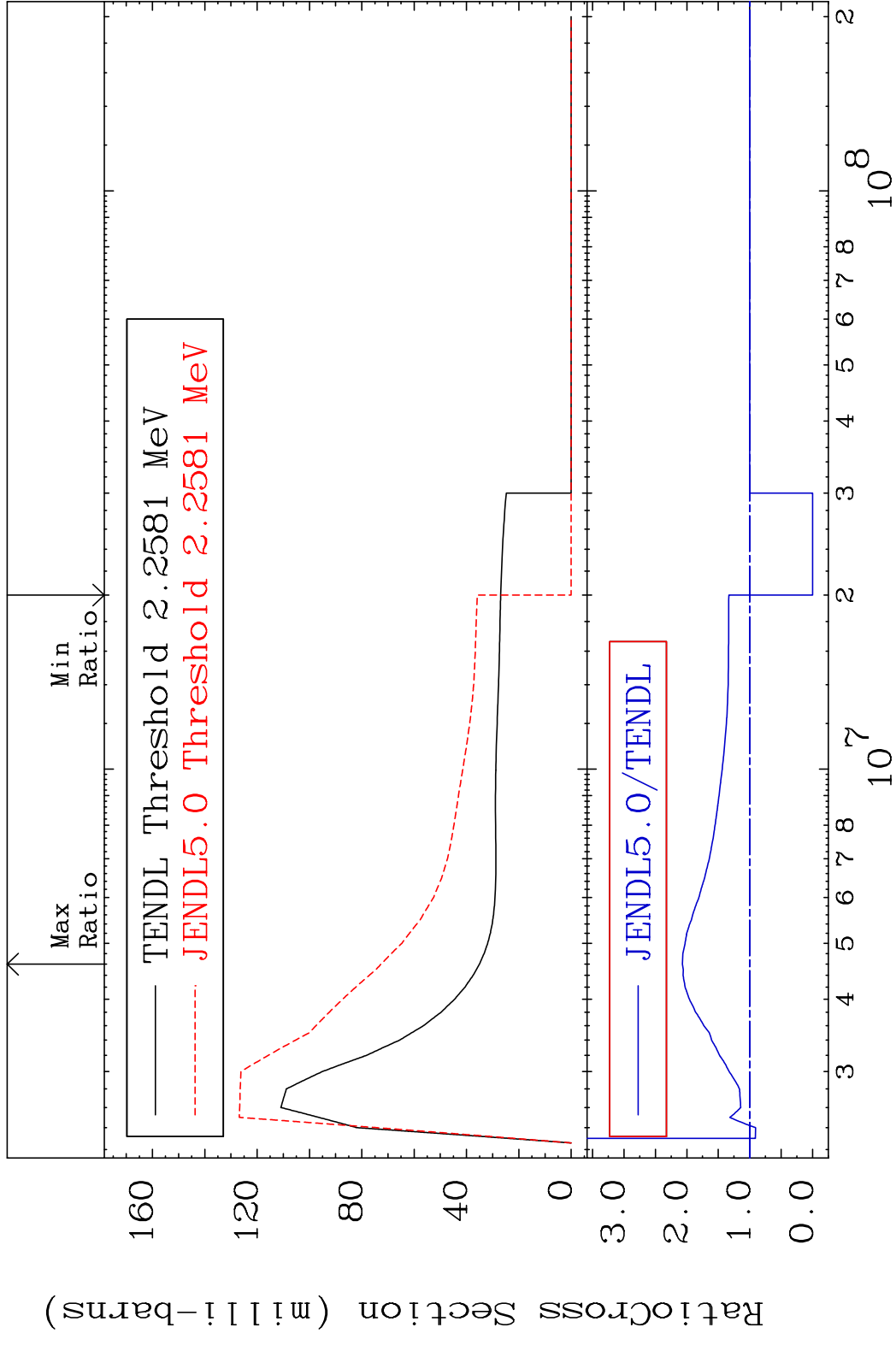
MAT 4237 MT= 59 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 192.3 %



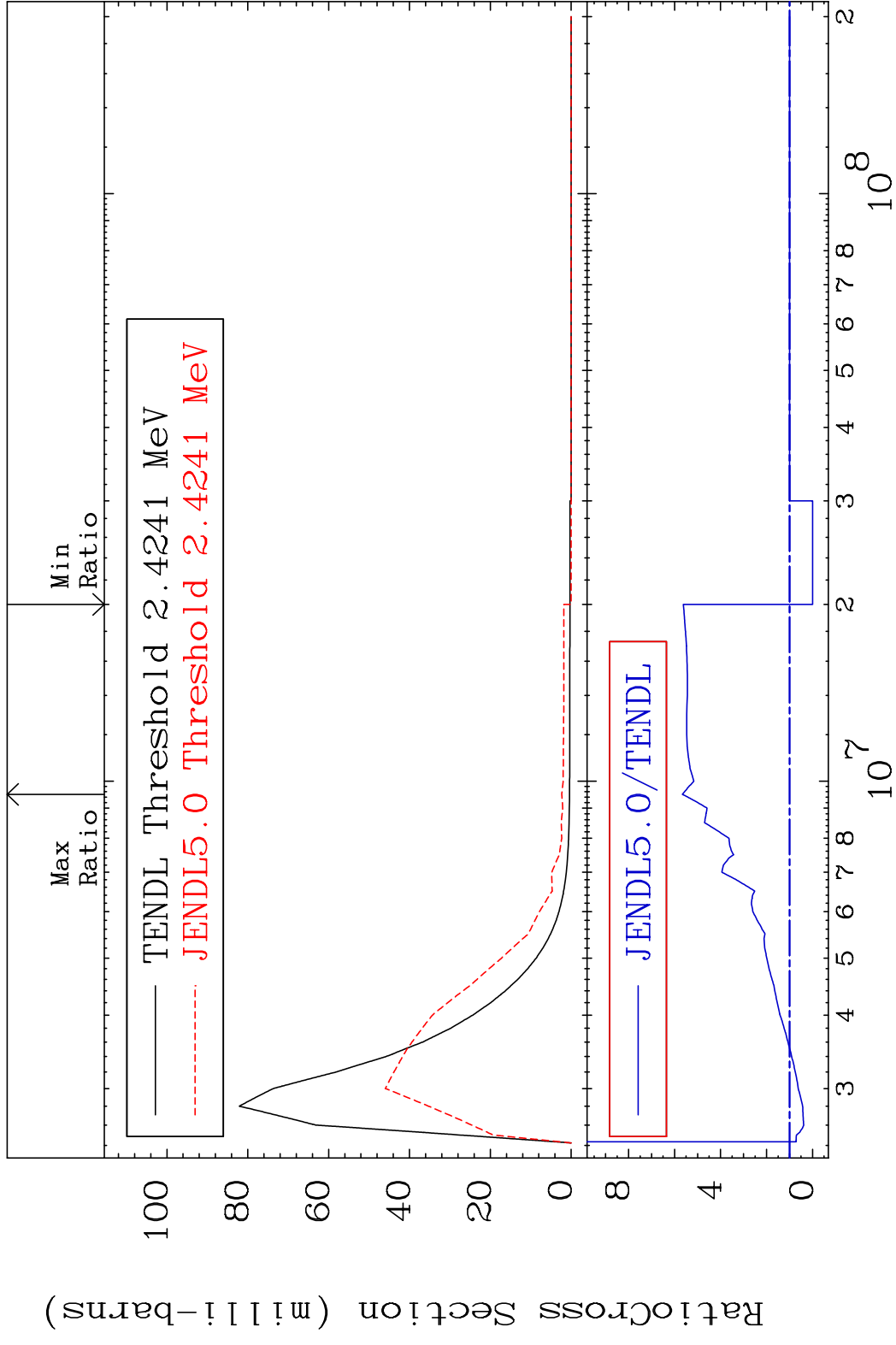
MAT 4237 MT= 60 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 523.0 %



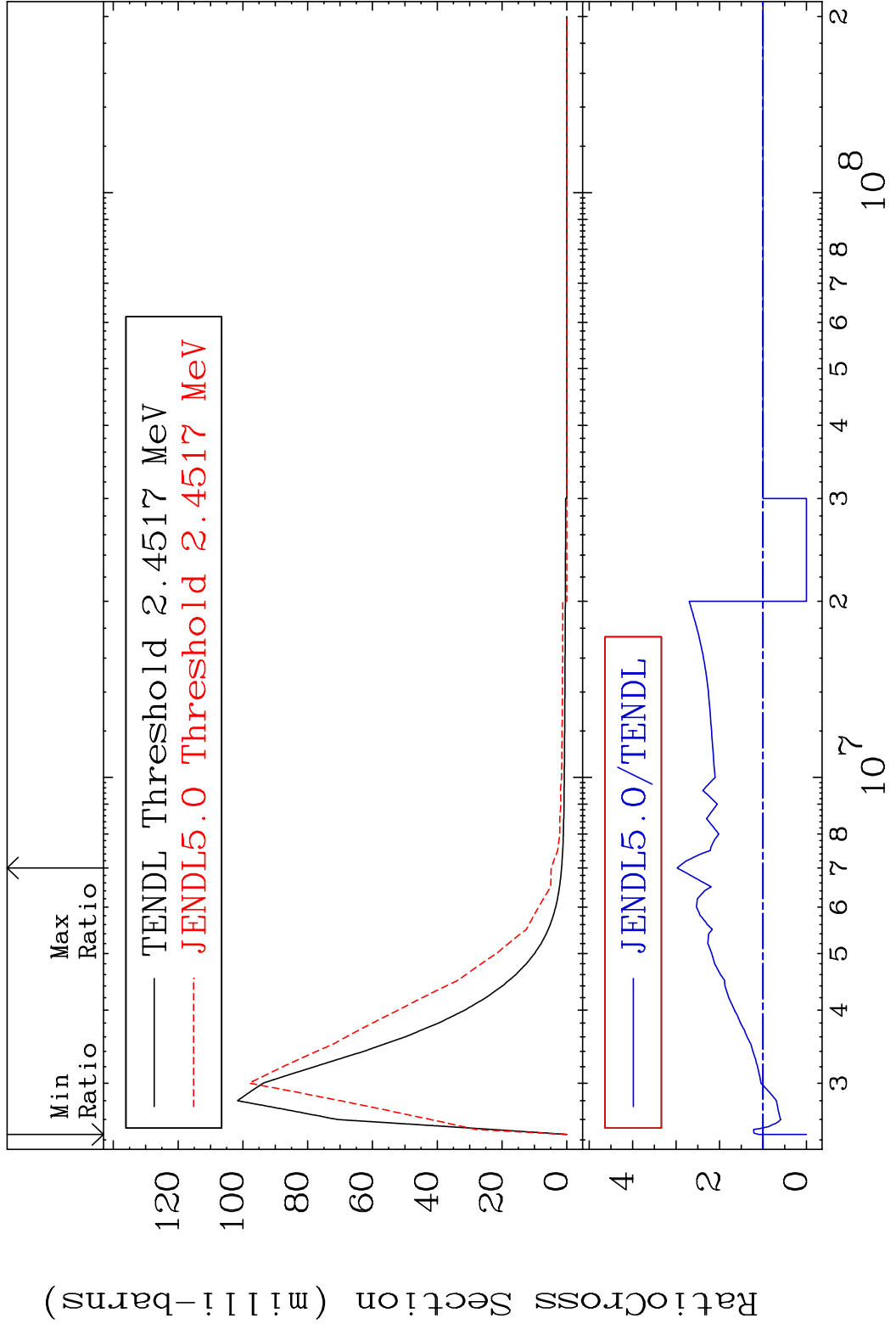
MAT 4237 MT= 61 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 107.1 %



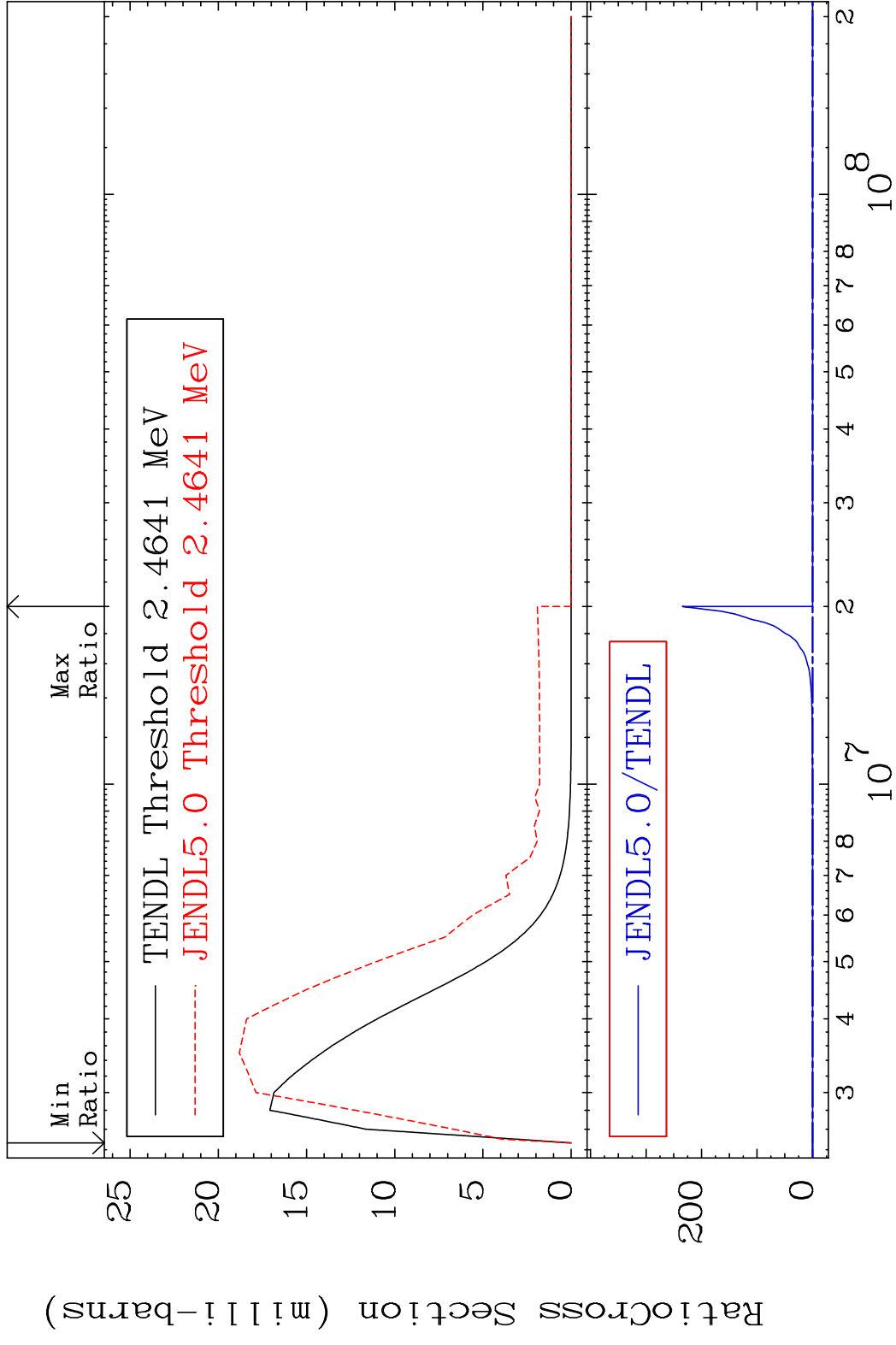
MAT 4237 MT= 62 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 466.2 %



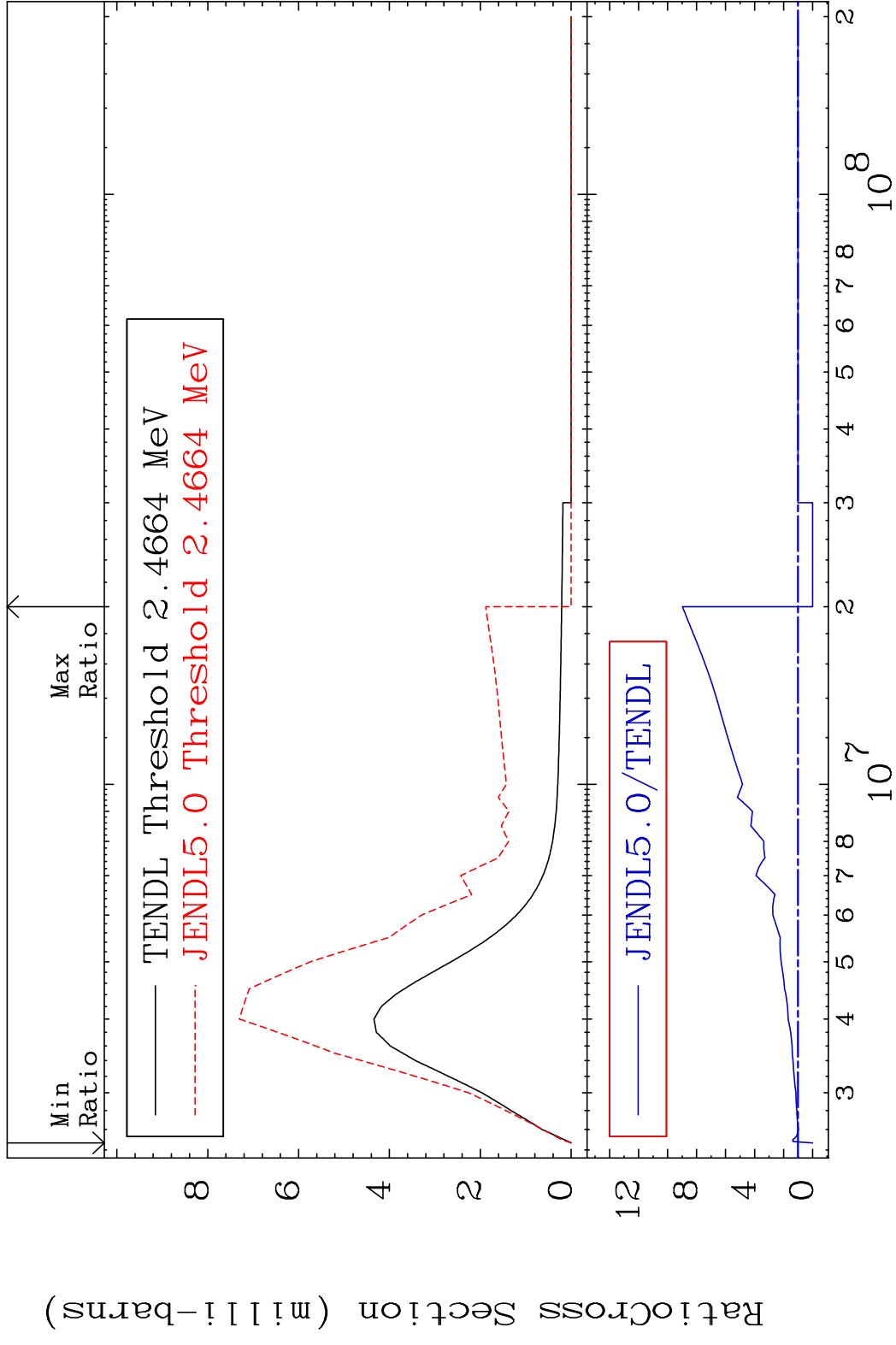
MAT 4237 MT= 63 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 197.3 %



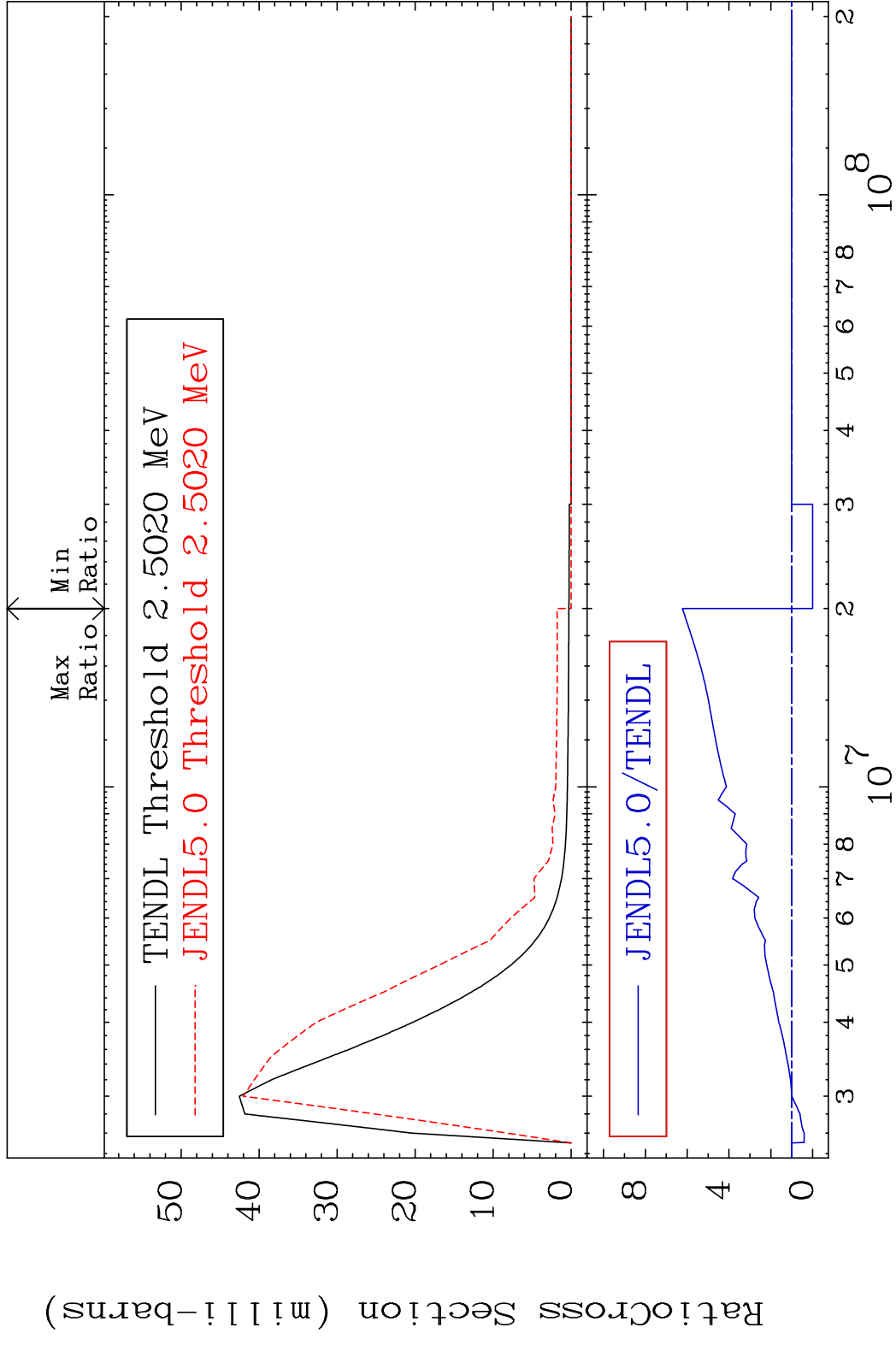
MAT 4237 MT= 64 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 9999. %



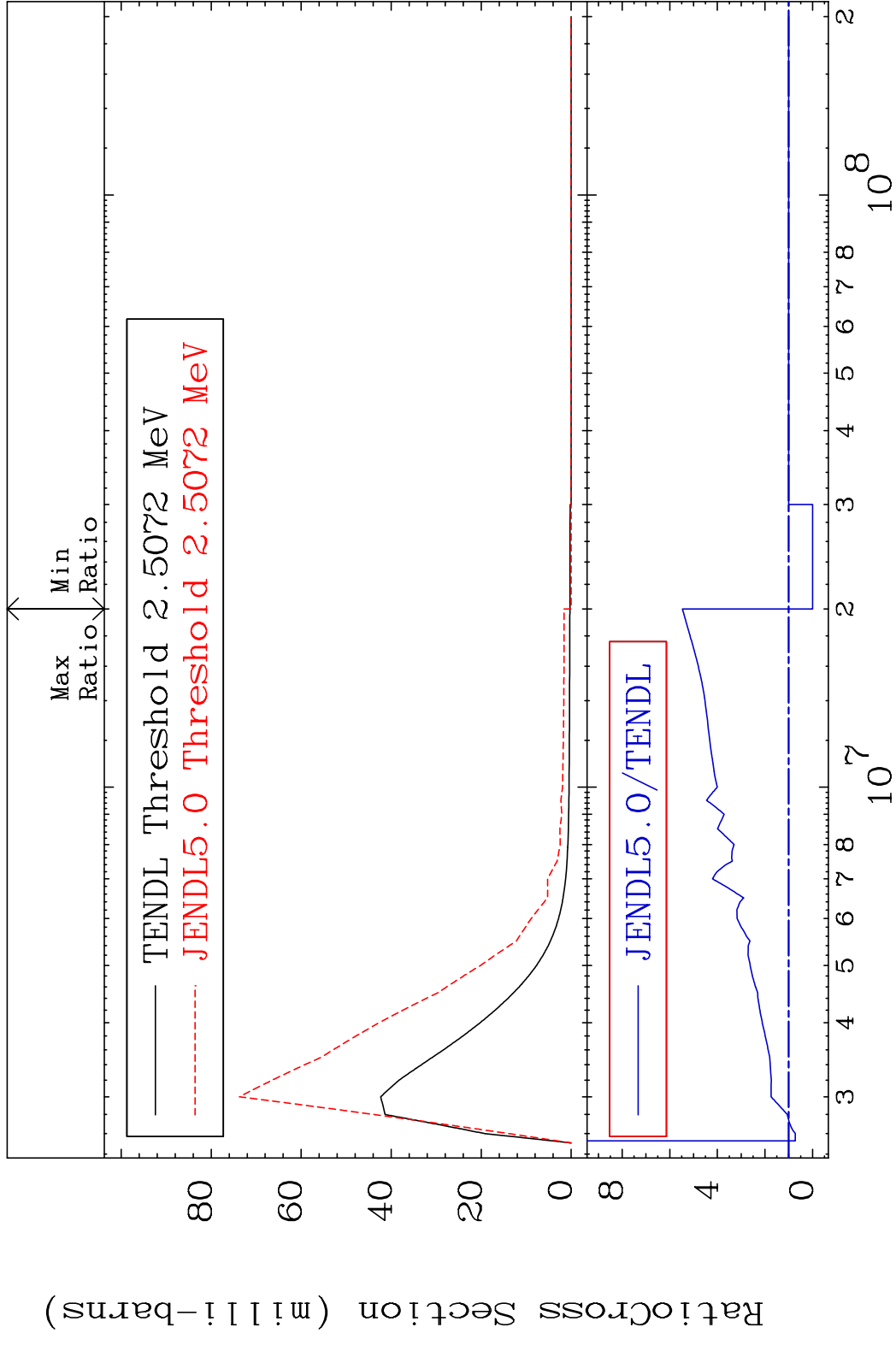
MAT 4237 MT= 65 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 798.2 %



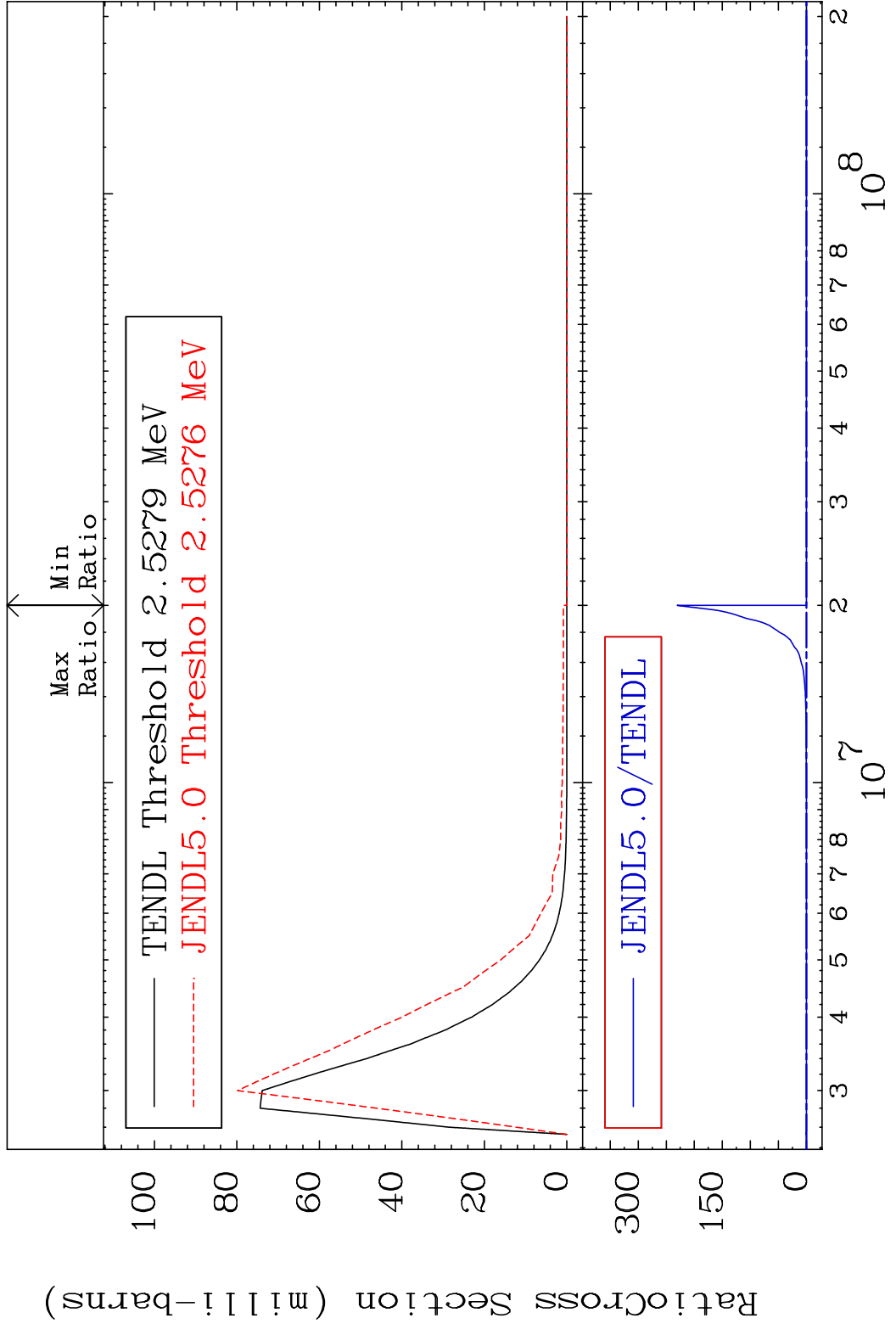
MAT 4237 MT= 66 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 523.1 %



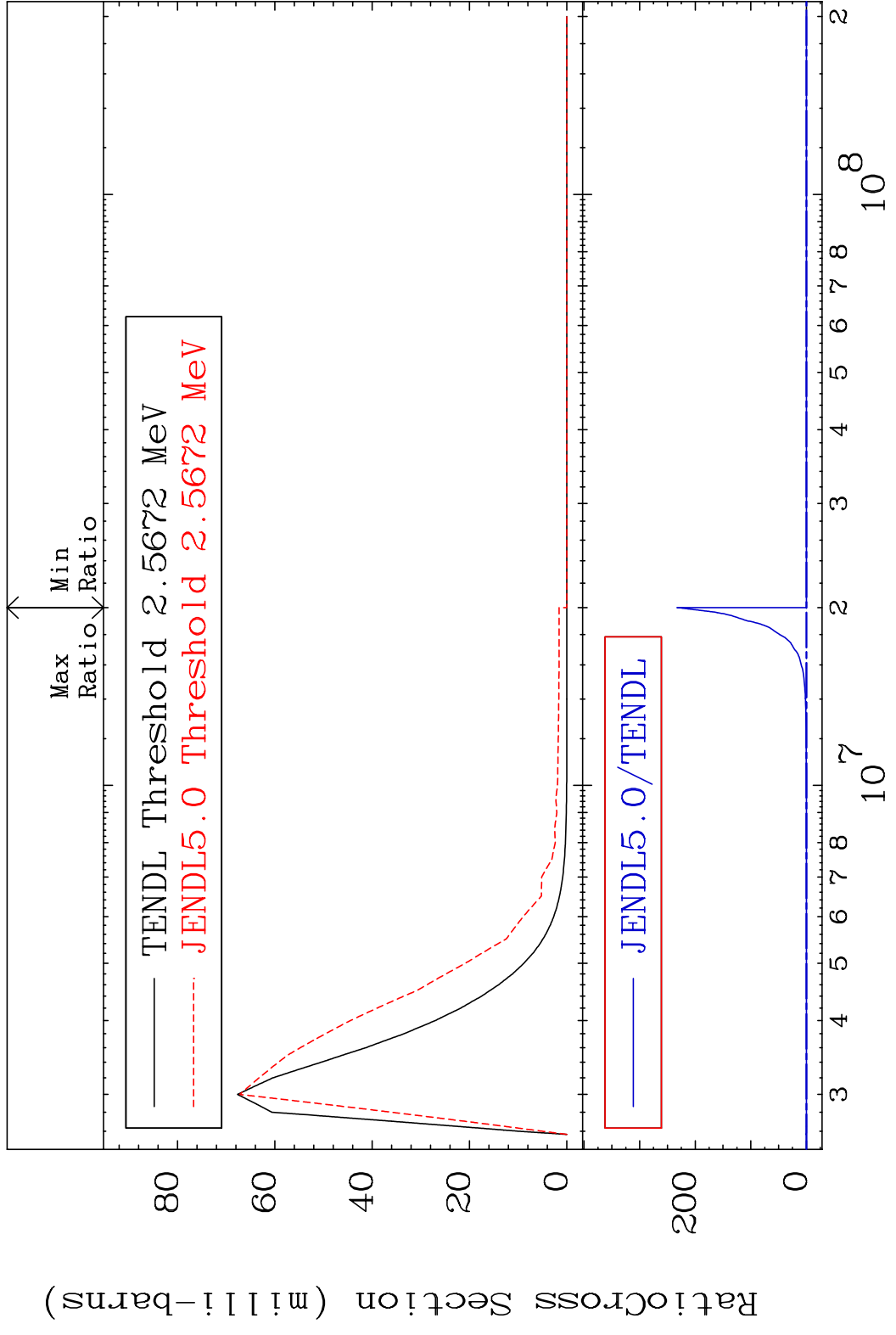
MAT 4237 MT= 67 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 447.1 %



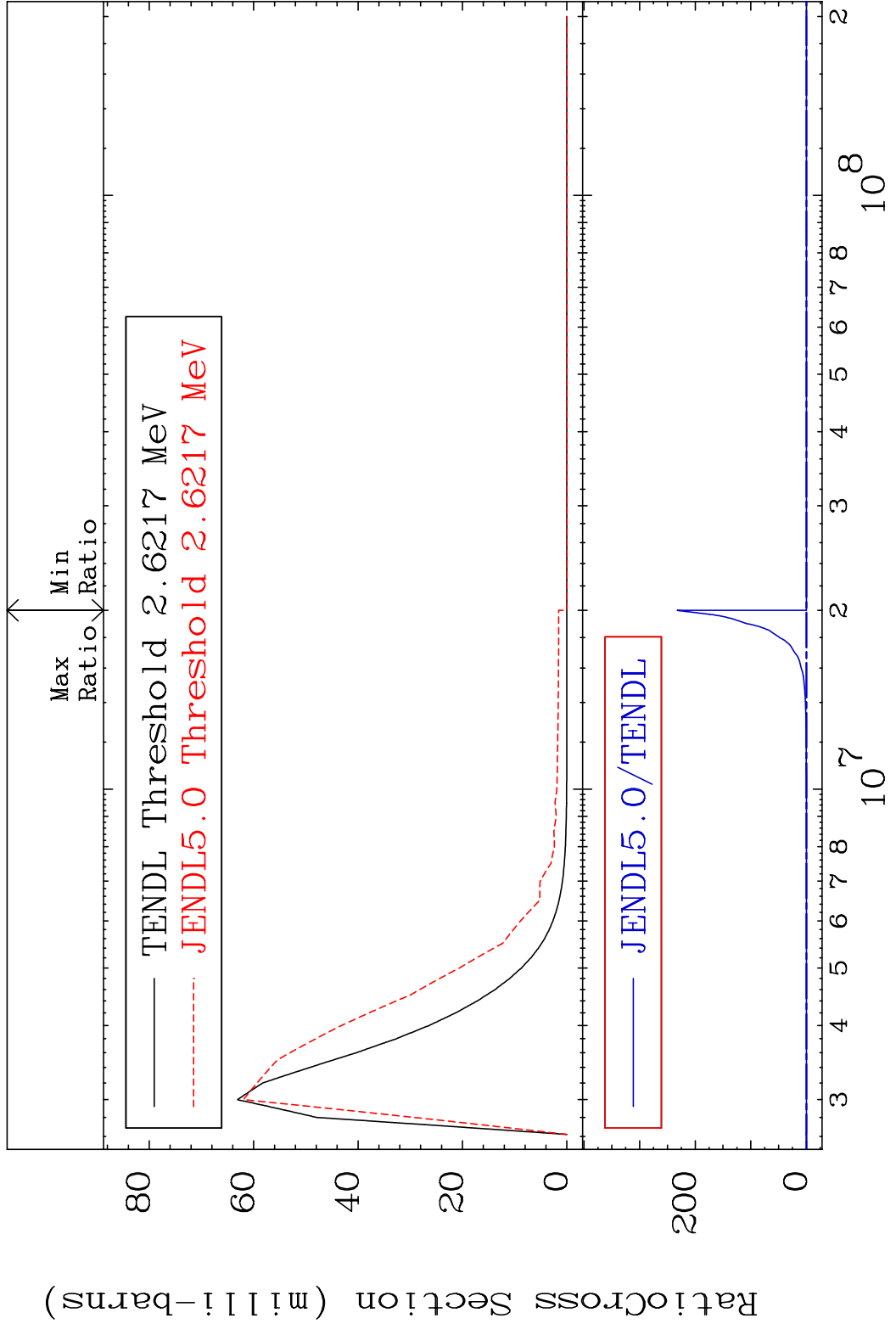
MAT 4237 MT= 68 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 9999. %



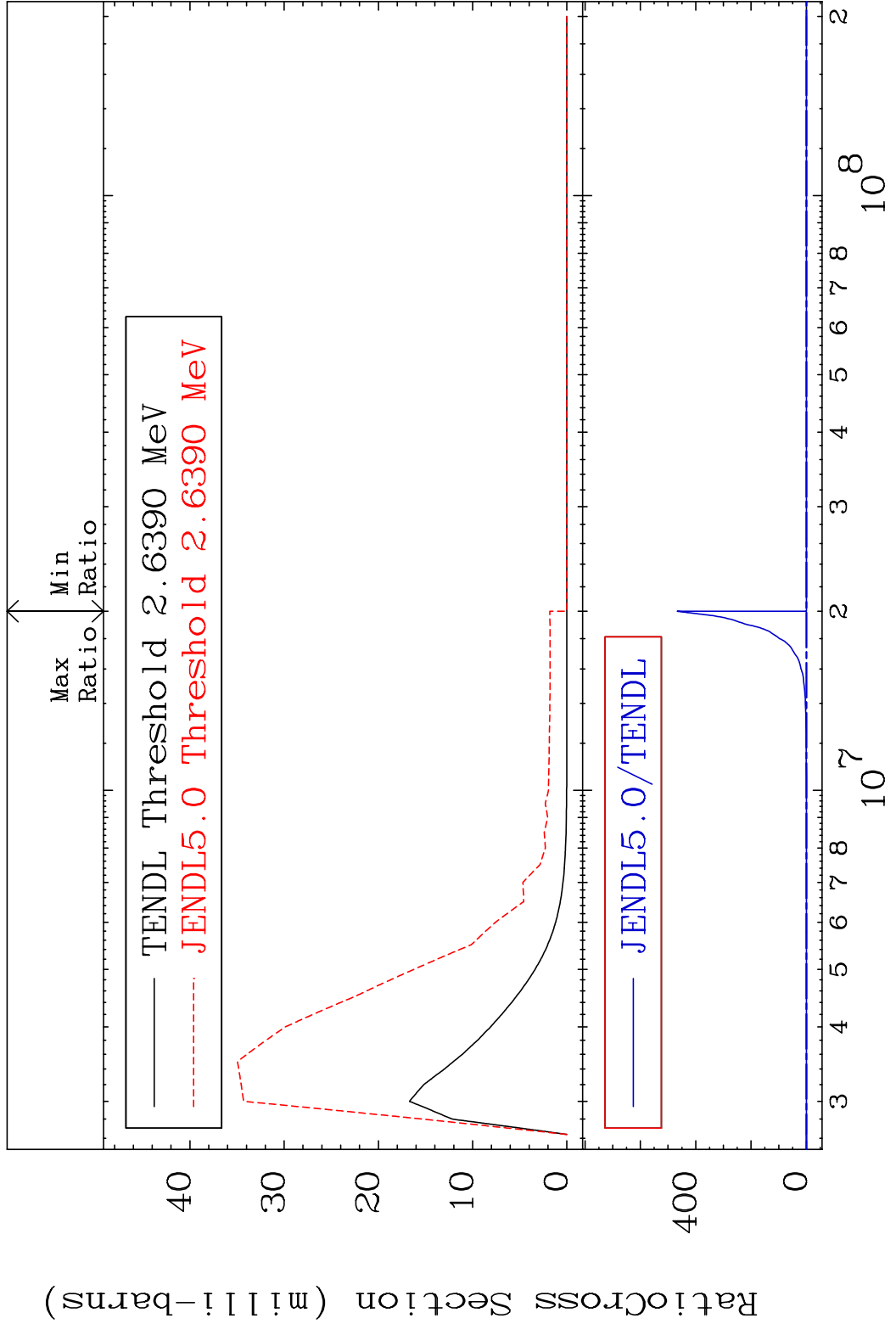
MAT 4237 MT= 69 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 9999. %



MAT 4237 MT= 70 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 9999. %

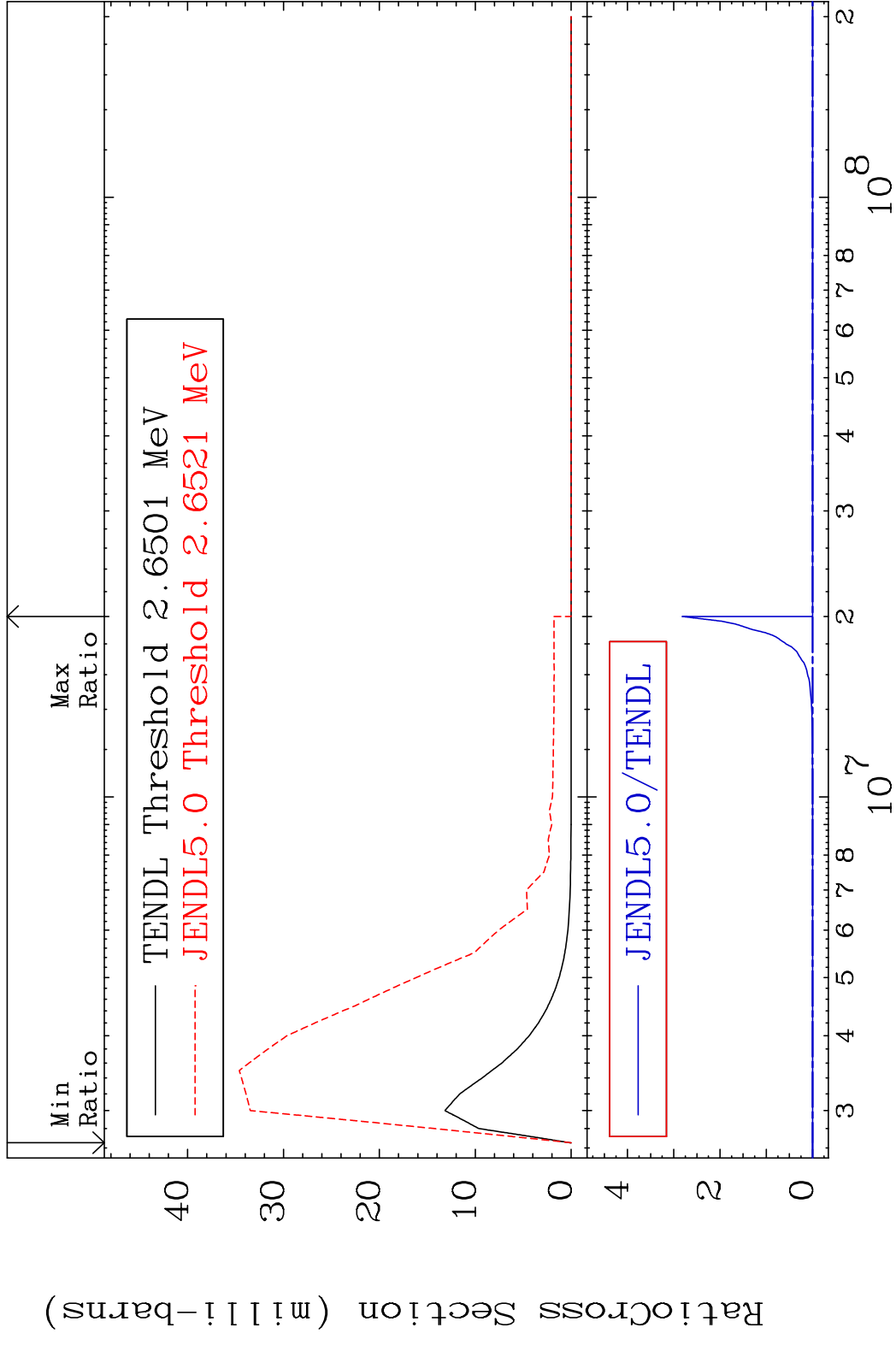


MAT 4237 MT= 71 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 9999. %

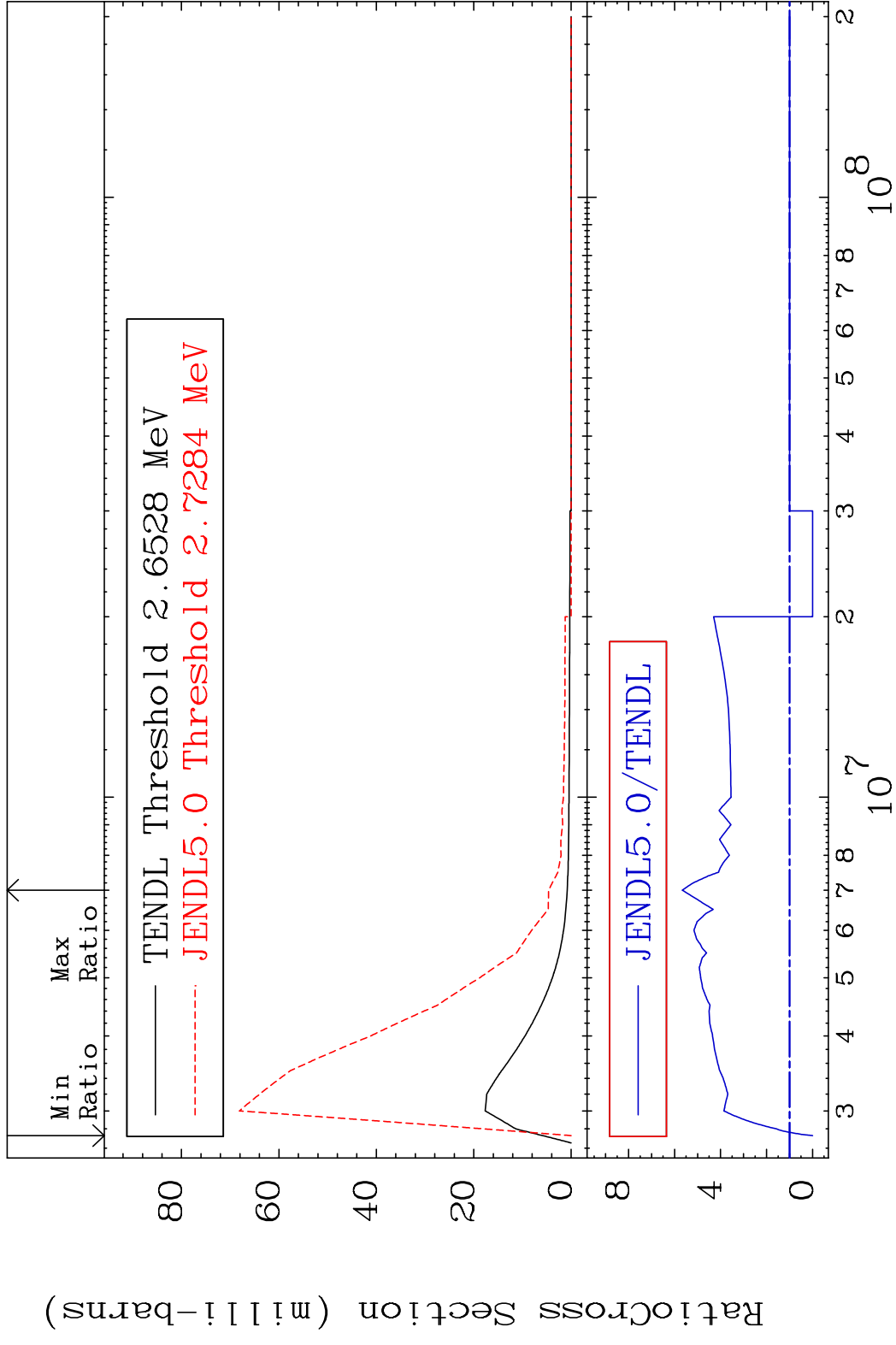


30 Incident Energy (eV) 42-Mo-96

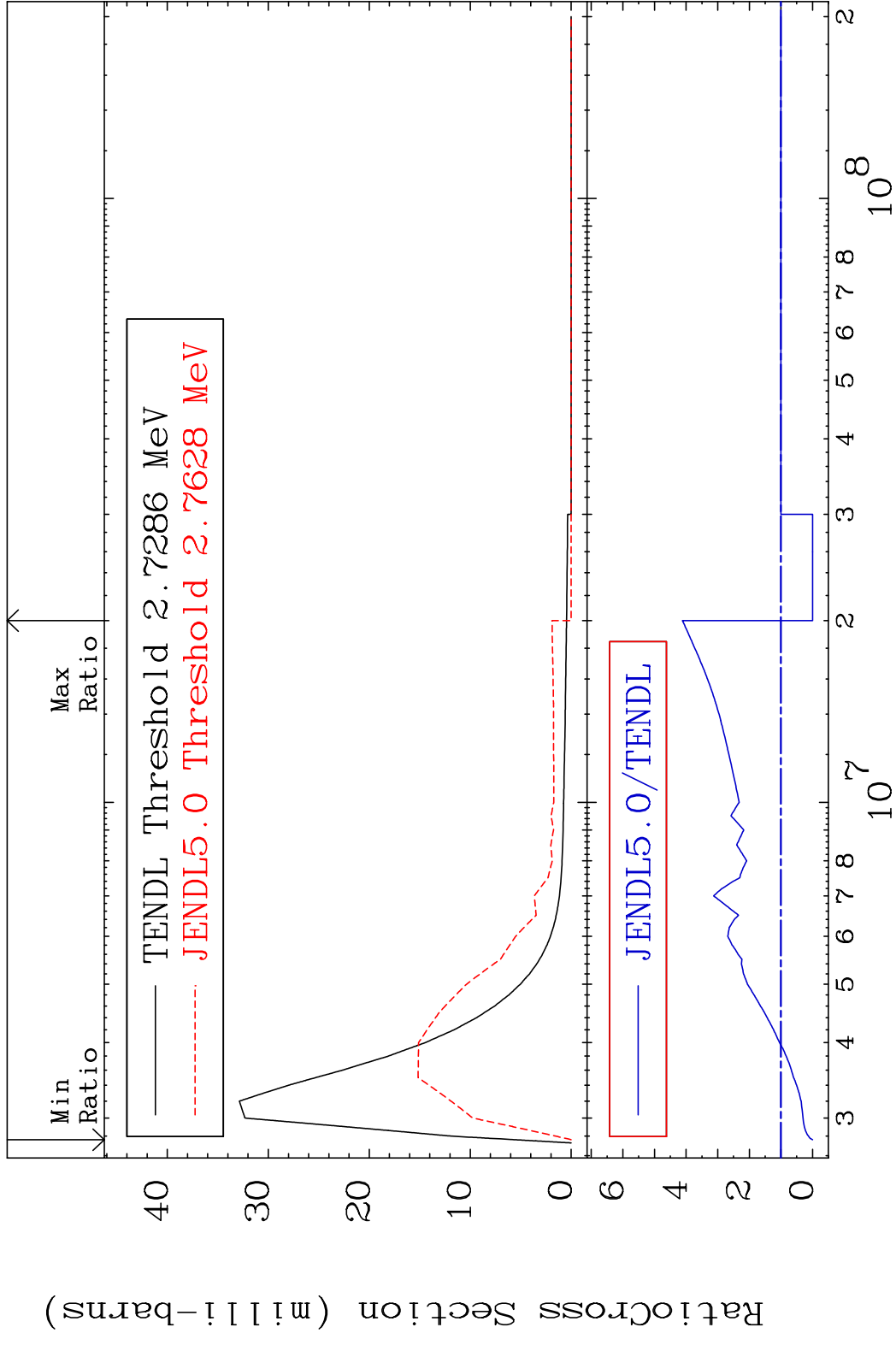
MAT 4237 MT= 72 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 9999. %



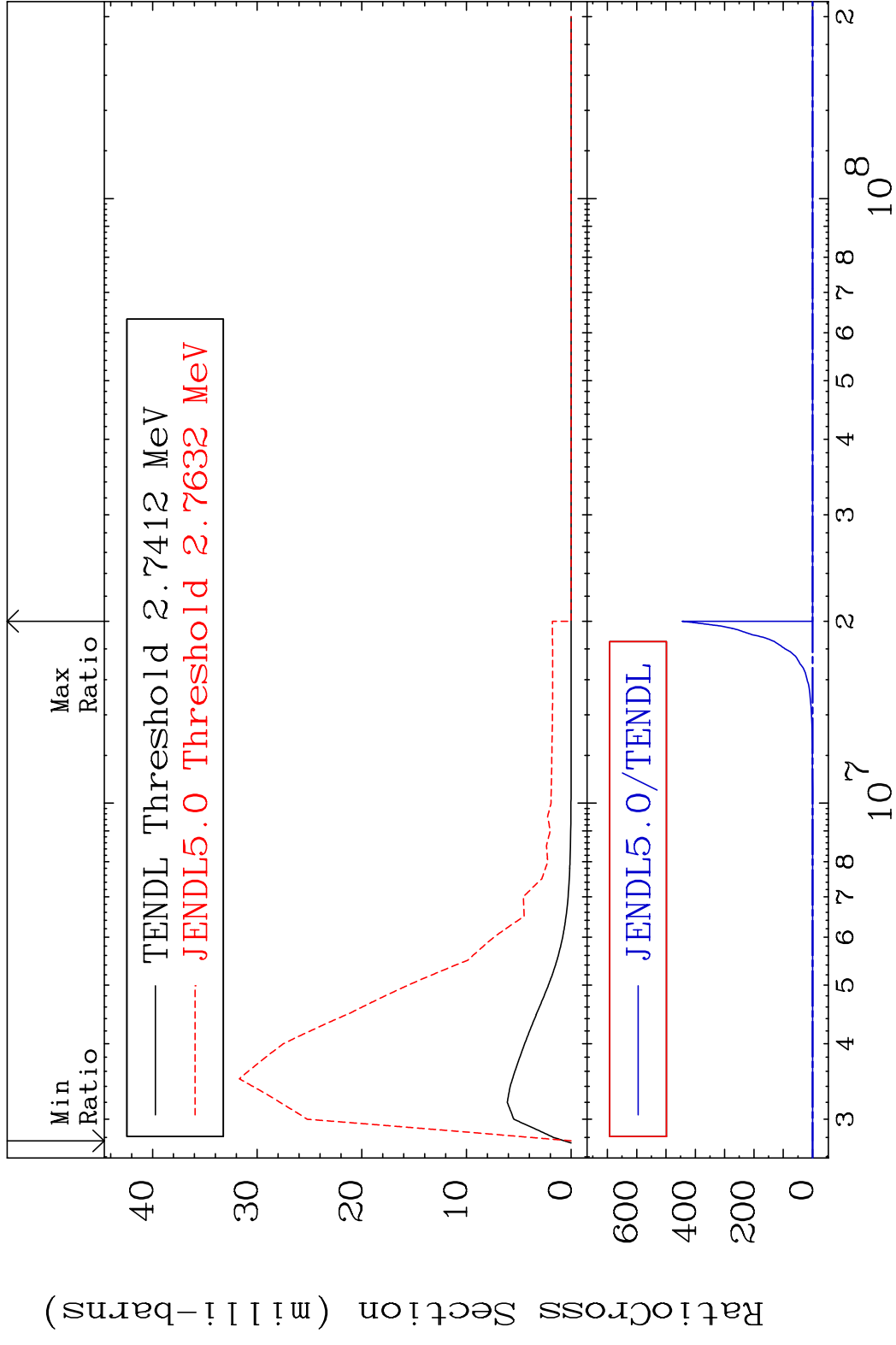
MAT 4237 MT= 73 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 466.3 %



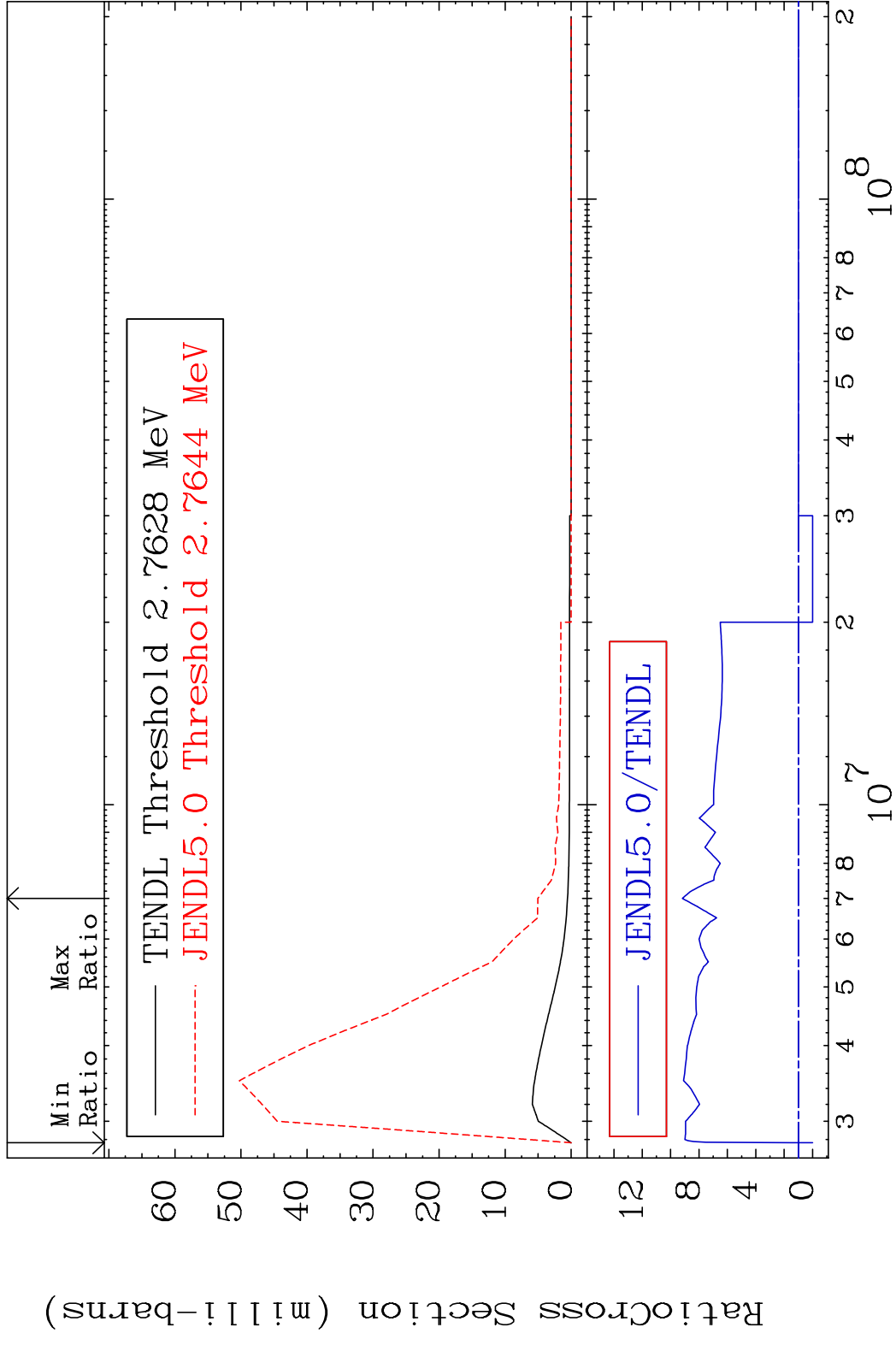
MAT 4237 MT= 74 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 311.9 %



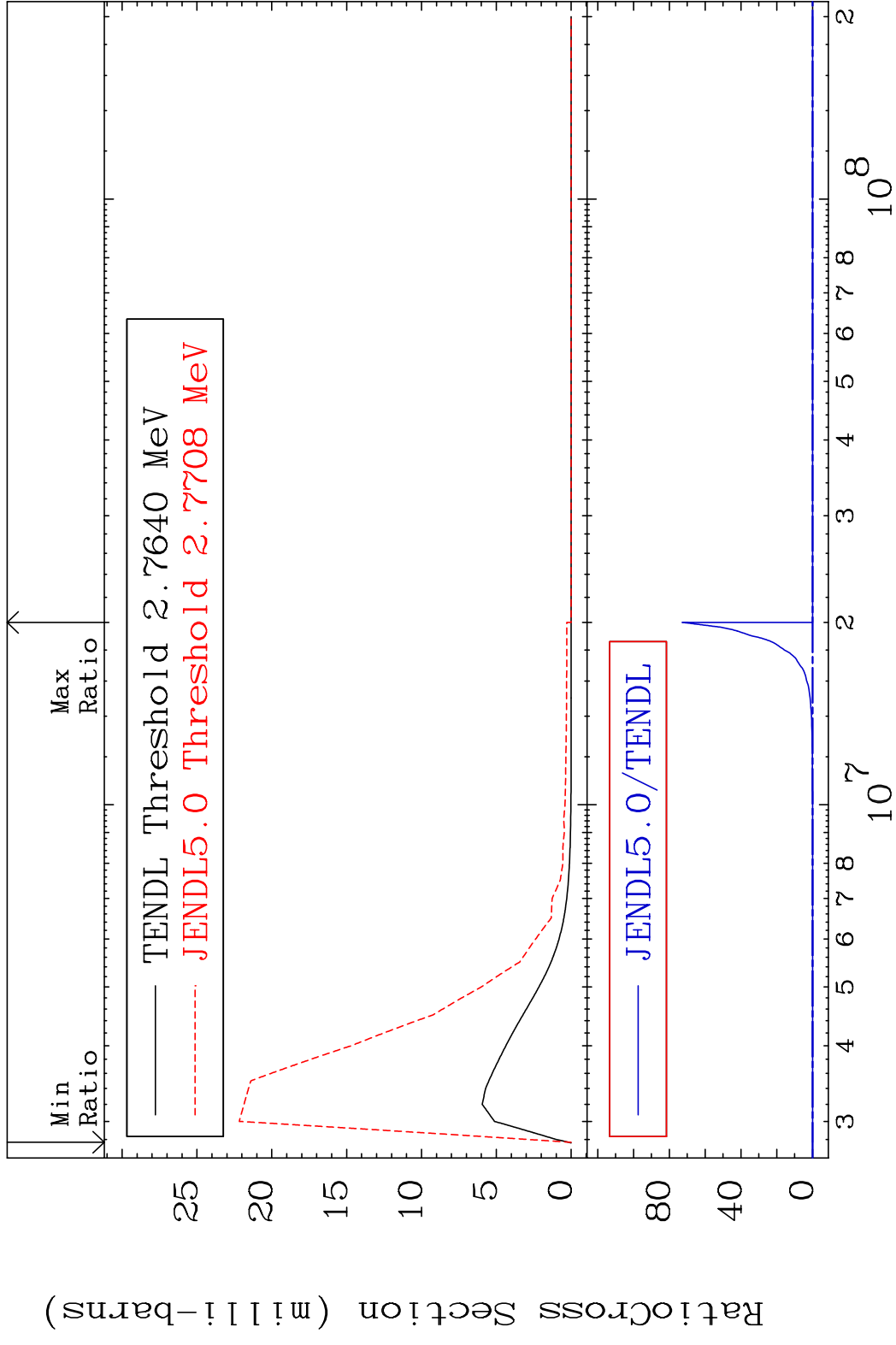
MAT 4237 MT= 75 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 9999. %



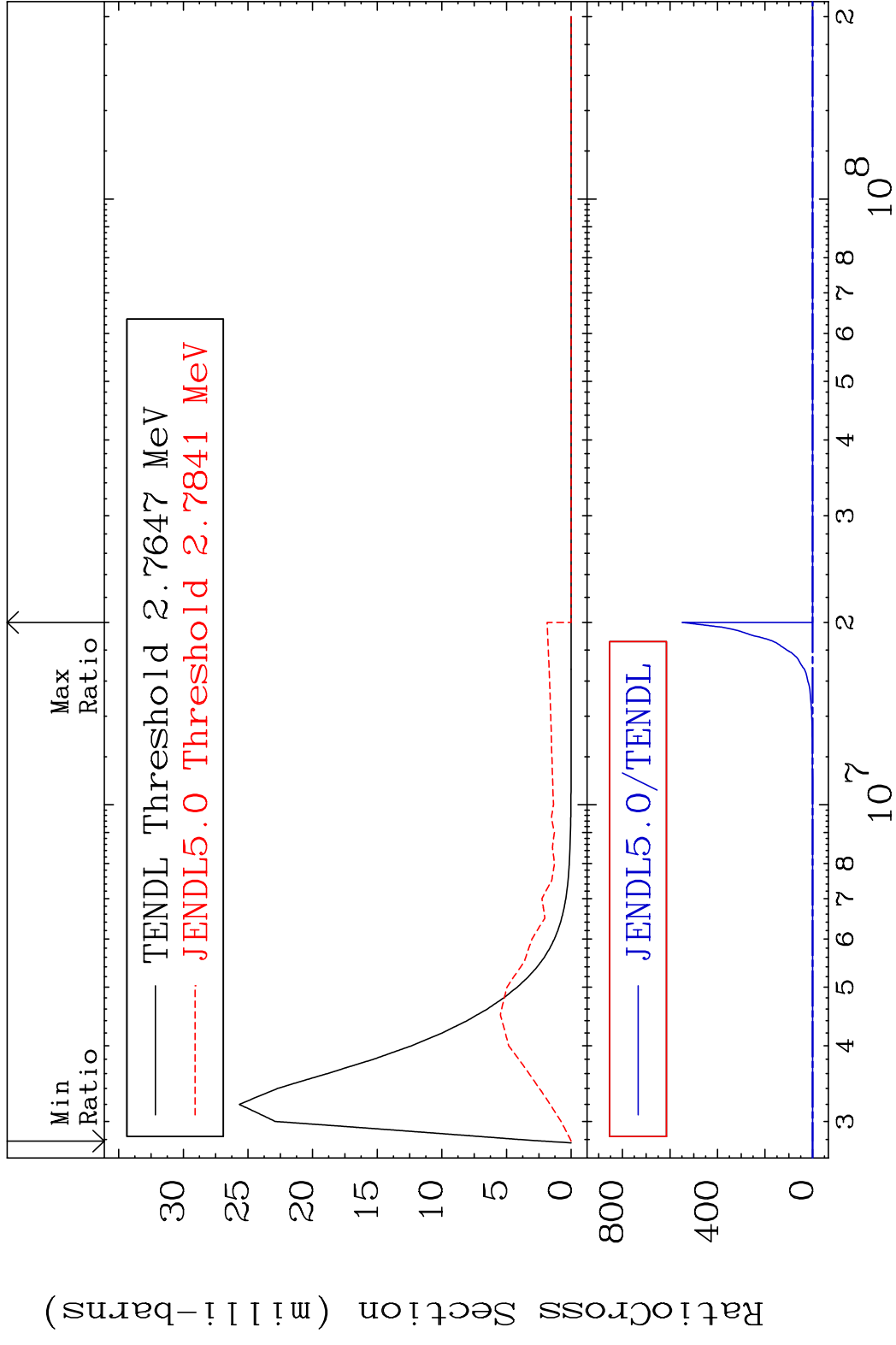
MAT 4237 MT= 76 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 817.4 %



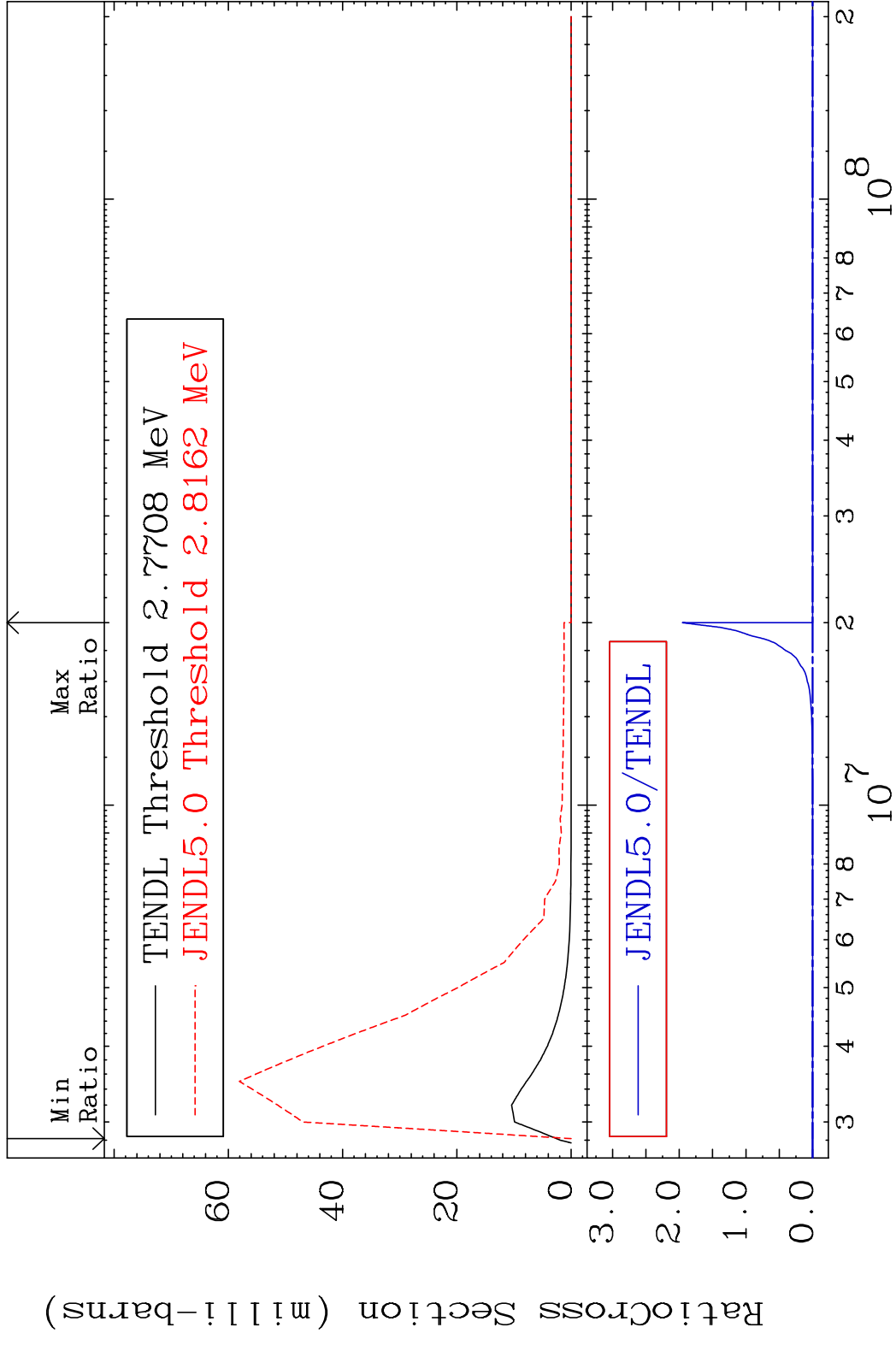
MAT 4237 MT= 77 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 9999. %



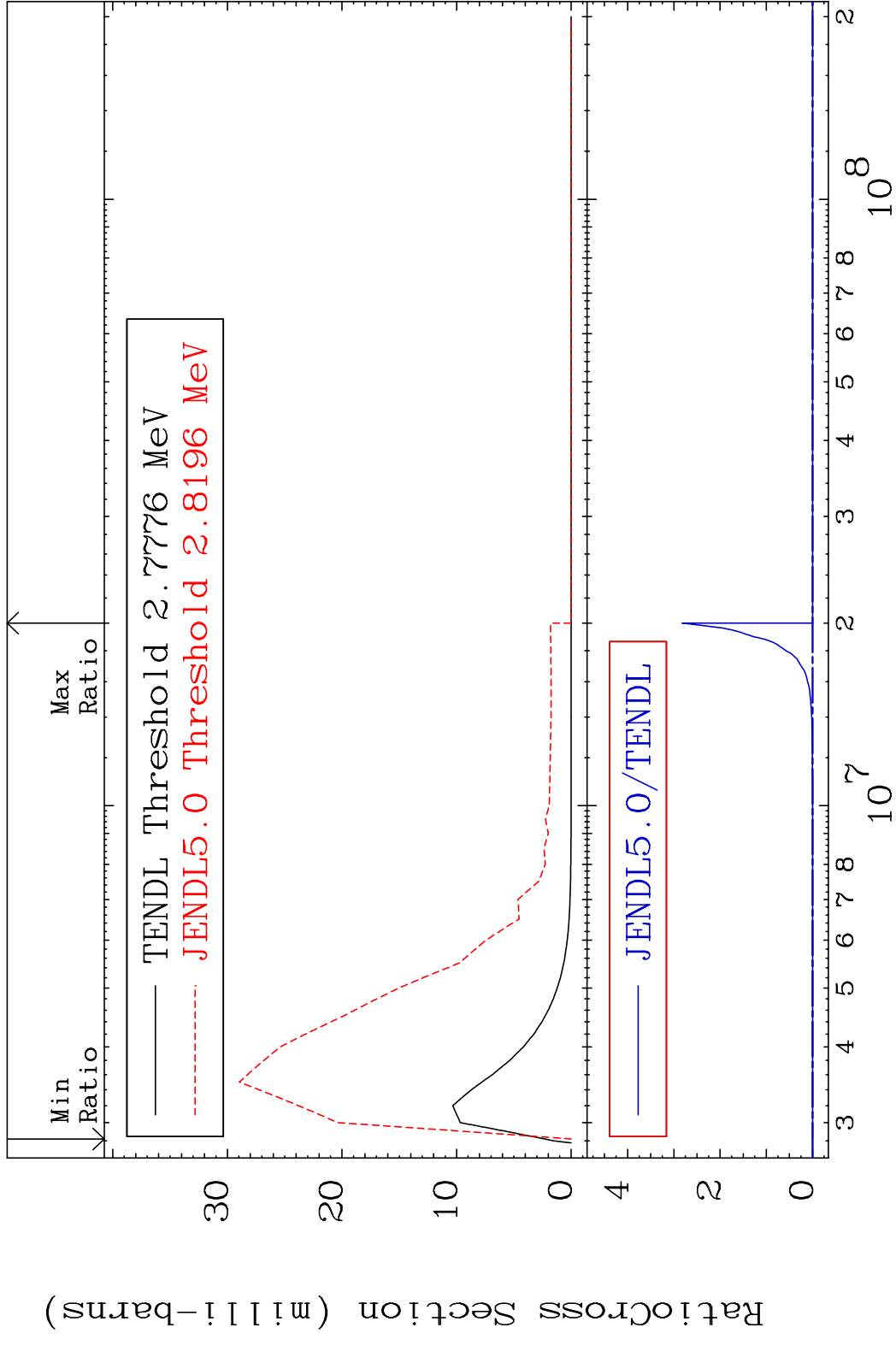
MAT 4237 MT= 78 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 9999. %



MAT 4237 MT= 79 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 9999. %



MAT 4237 MT= 80 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 9999. %

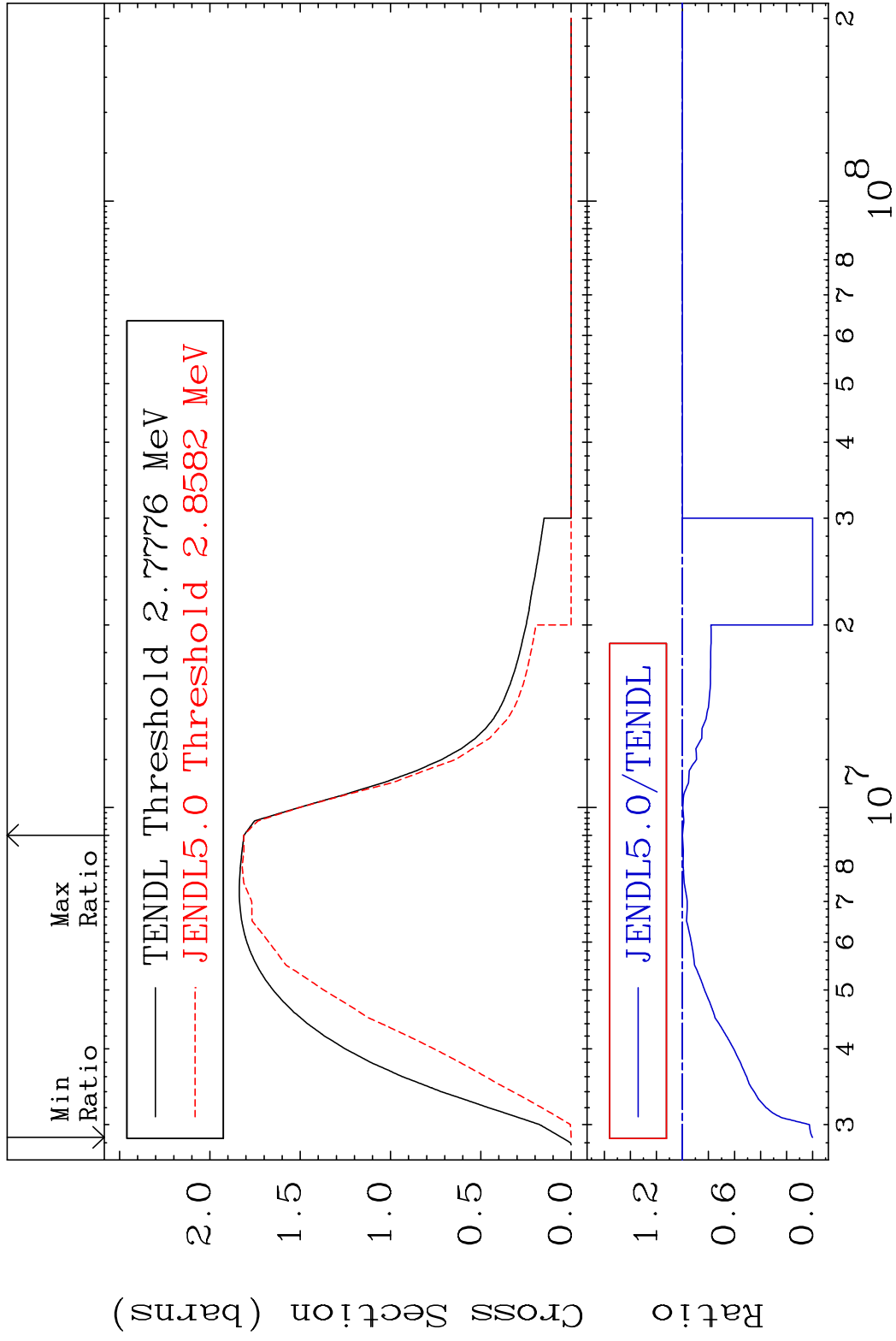


MAT 4237

(n,n') Continuum

42-Mo-96

Cross Section -100.0 To 0.096 %



40

Incident Energy (eV)

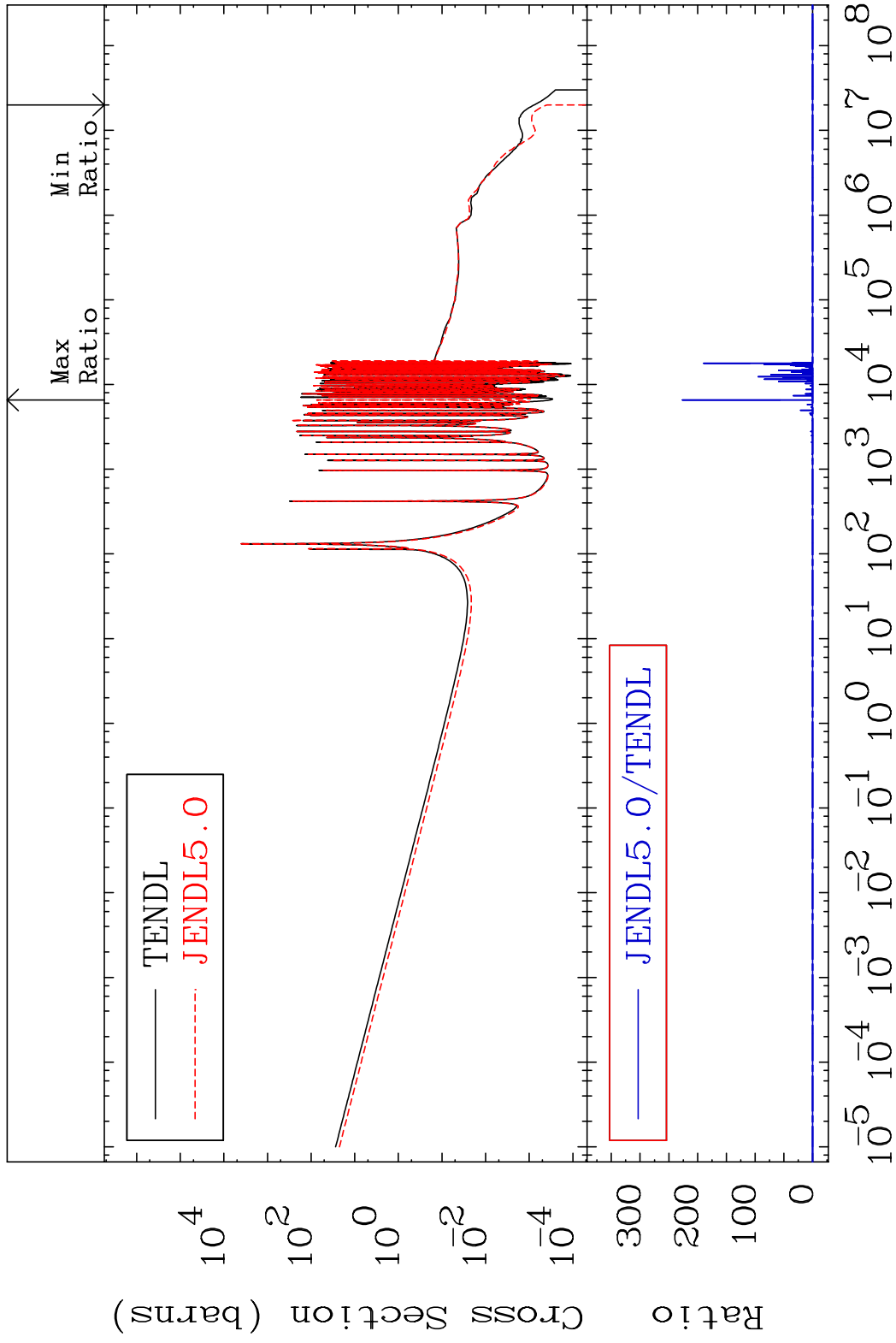
42-Mo-96

MAT 4237

(n, γ)

42-Mo-96

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

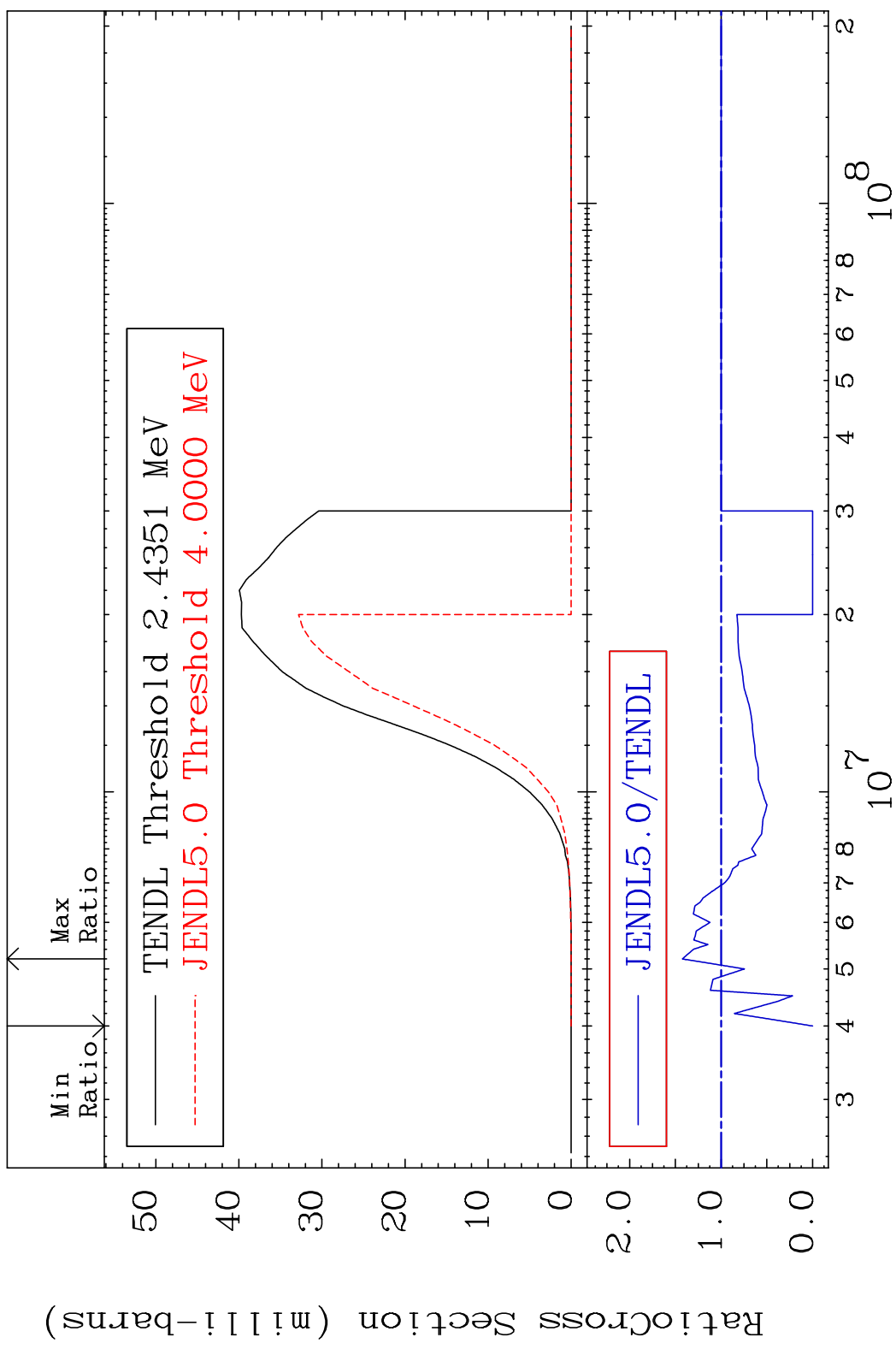
42-Mo-96

MAT 4237

(n, p)

42-Mo-96

Cross Section -100.0 To 42.38 %



42

Incident Energy (eV)

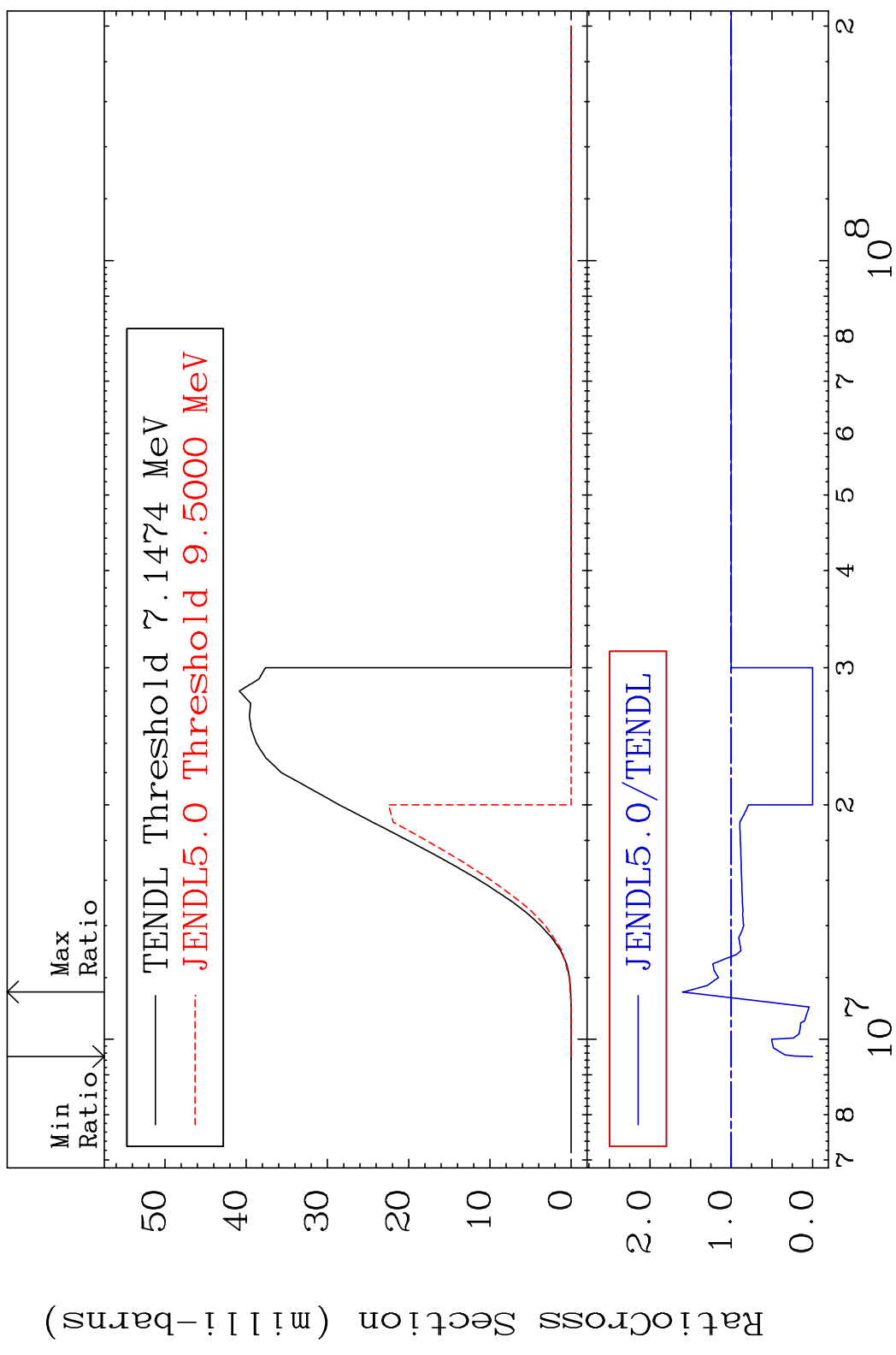
42-Mo-96

MAT 4237

(n, d)

42-Mo-96

Cross Section -100.0 To 60.16 %



43

Incident Energy (eV)

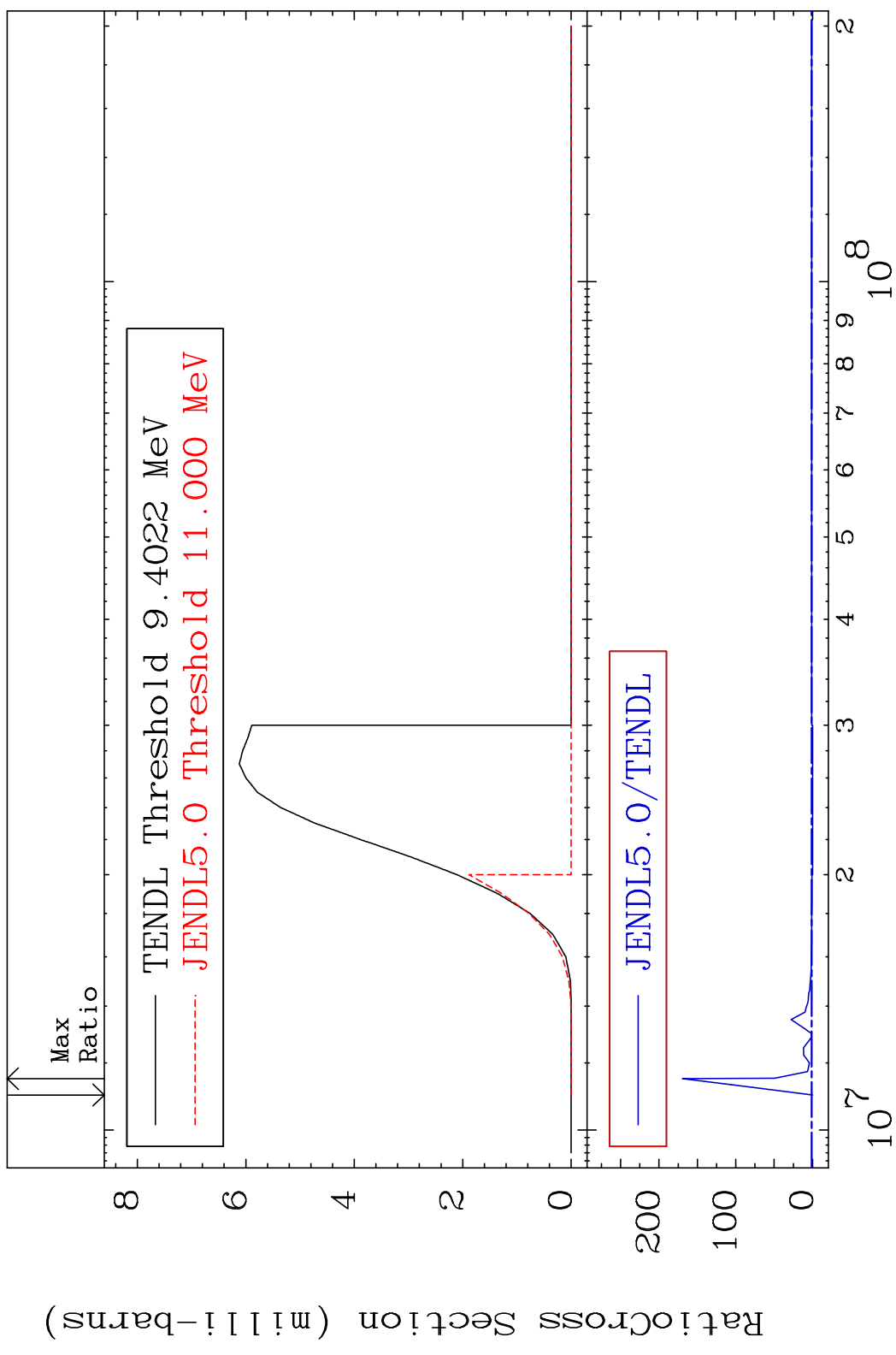
42-Mo-96

MAT 4237

(n, t)

42-Mo-96

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

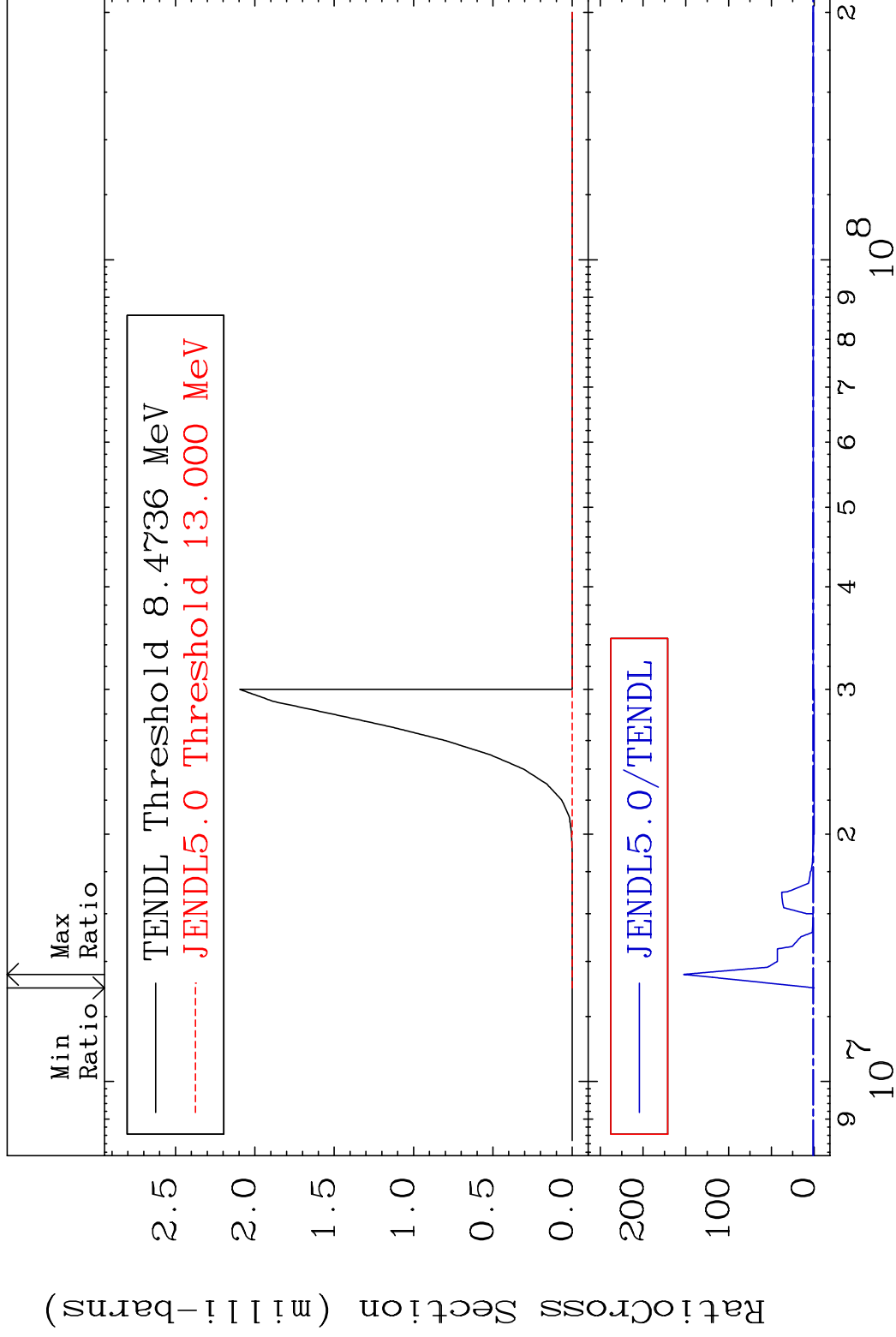
42-Mo-96

MAT 4237

(n, He-3)

42-Mo-96

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

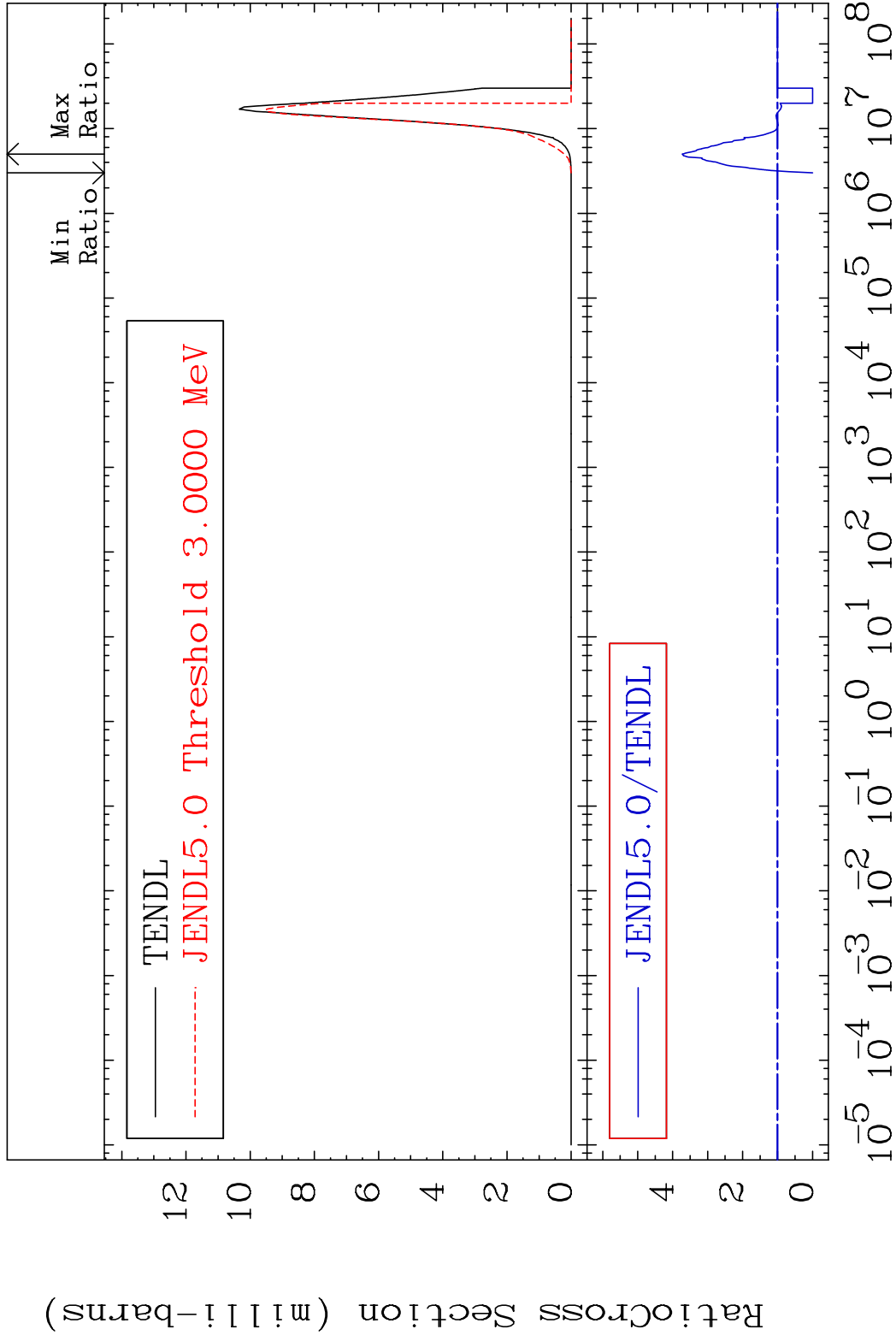
42-Mo-96

MAT 4237

(n, α)

42-Mo-96

Cross Section -100.0 To 272.3 %



46

Incident Energy (eV)

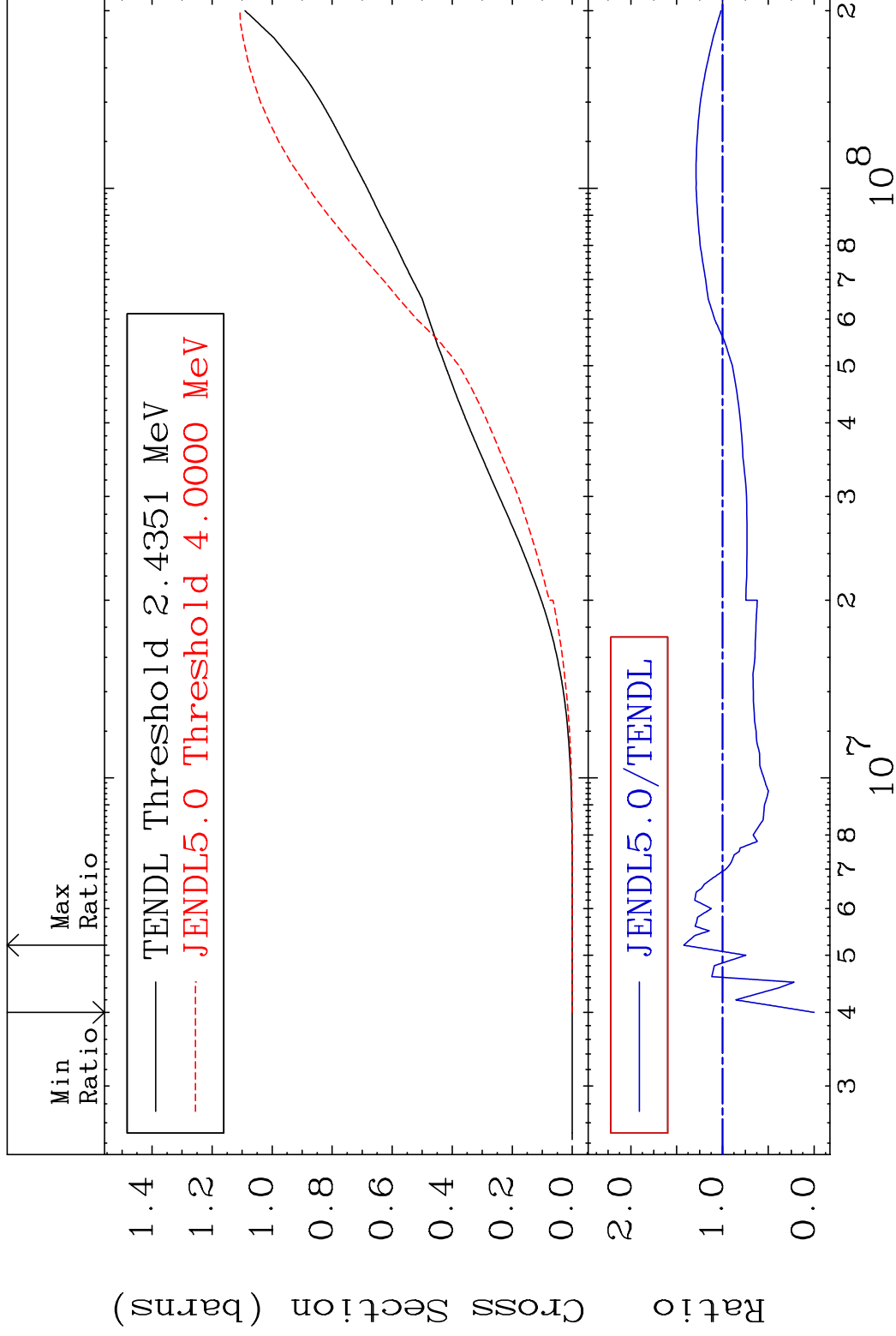
42-Mo-96

MAT 4237

Hydrogen Production

42-Mo-96

Cross Section -100.0 To 42.38 %

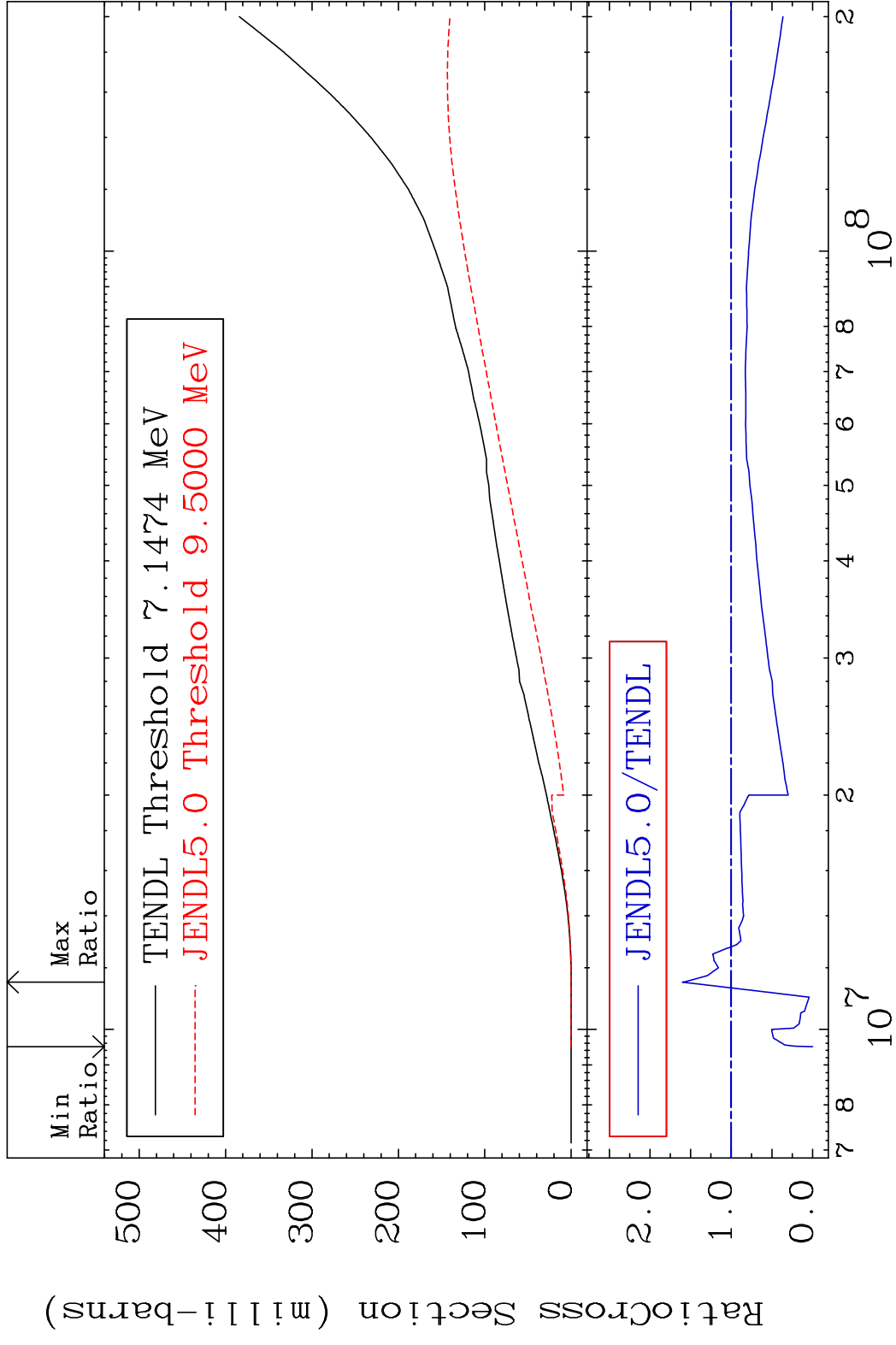


47

Incident Energy (eV)

42-Mo-96

MAT 4237 Deuterium Production 42-Mo-96
 Cross Section -100.0 To 60.16 %



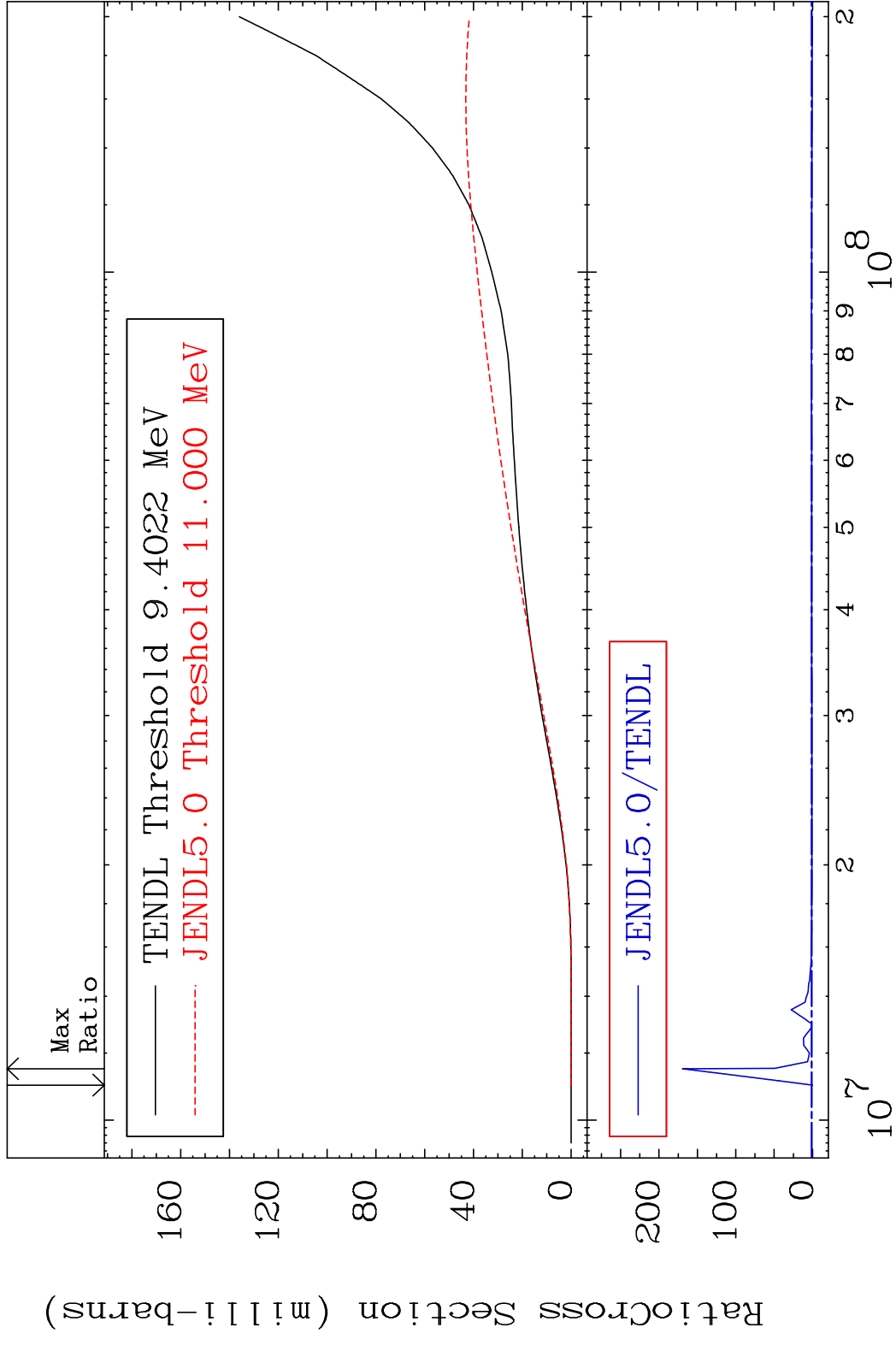
48 42-Mo-96

MAT 4237

Tritium Production

42-Mo-96

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

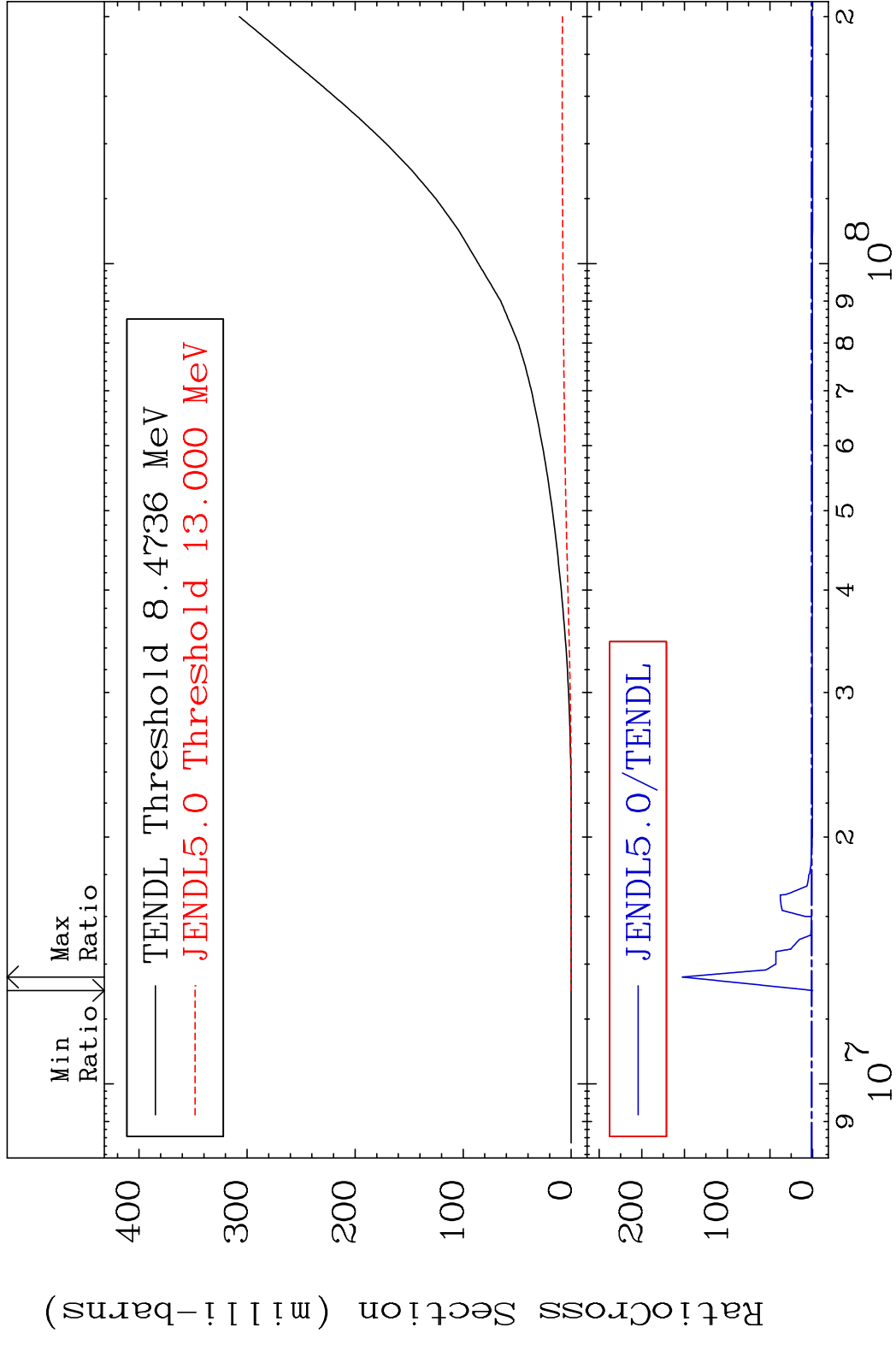
42-Mo-96

MAT 4237

He-3 Production

42-Mo-96

Cross Section -100.0 To 9999. %



50

Incident Energy (eV)

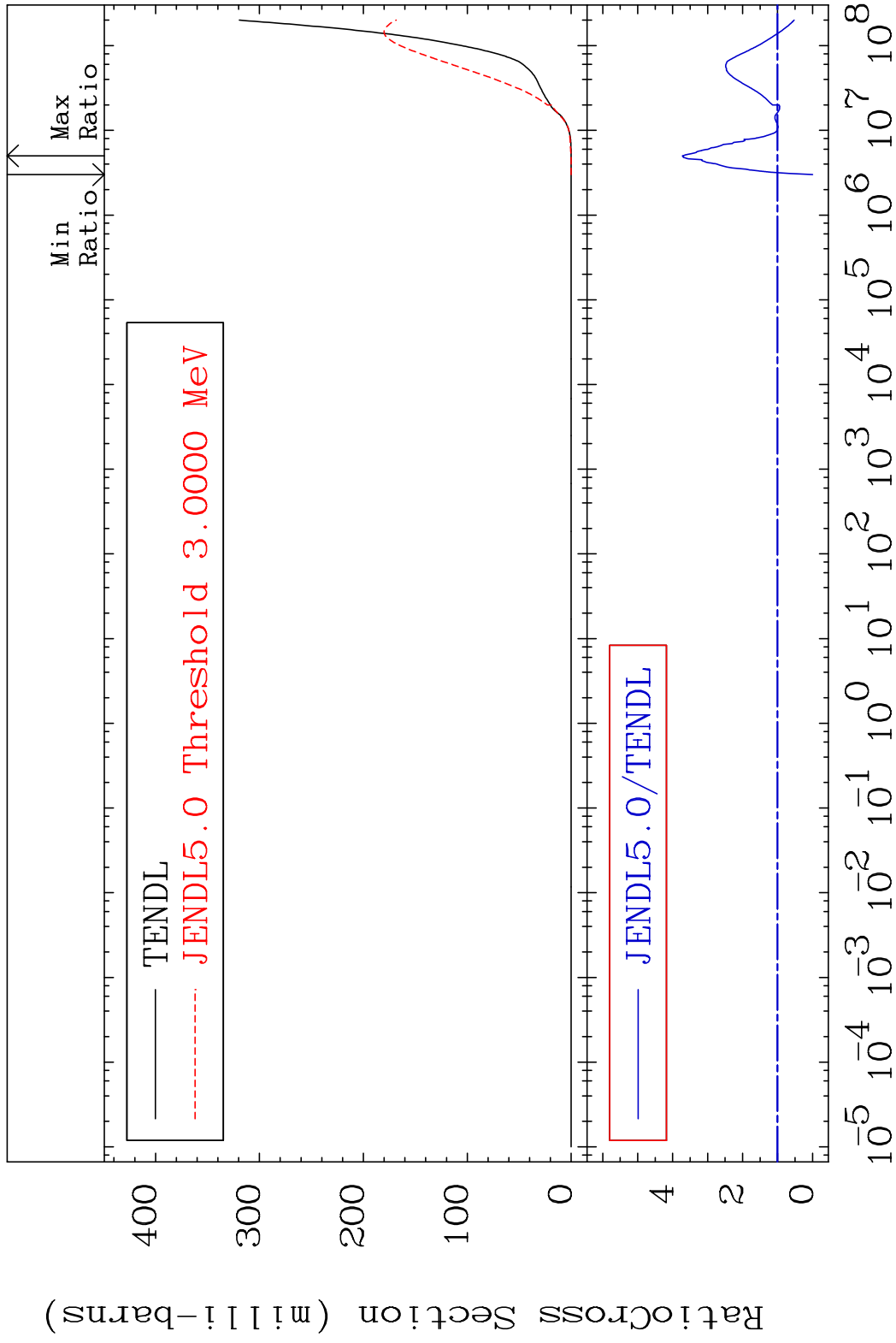
42-Mo-96

MAT 4237

He-4 Production

42-Mo-96

Cross Section -100.0 To 272.3 %

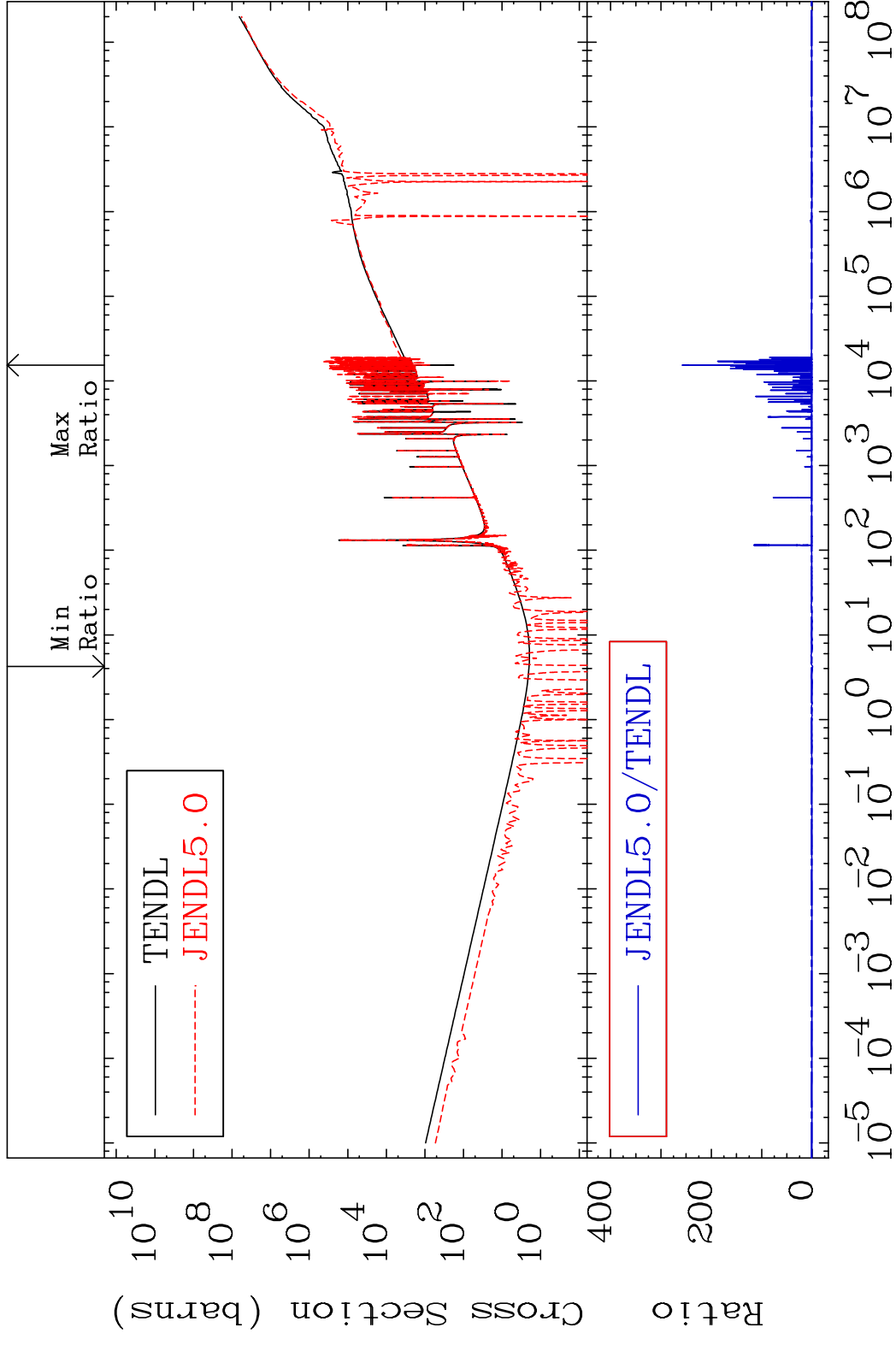


51

Incident Energy (eV)

42-Mo-96

MAT 4237 Kerma total (eV-barns) 42-Mo-96
 Cross Section -190.9 To 9999. %

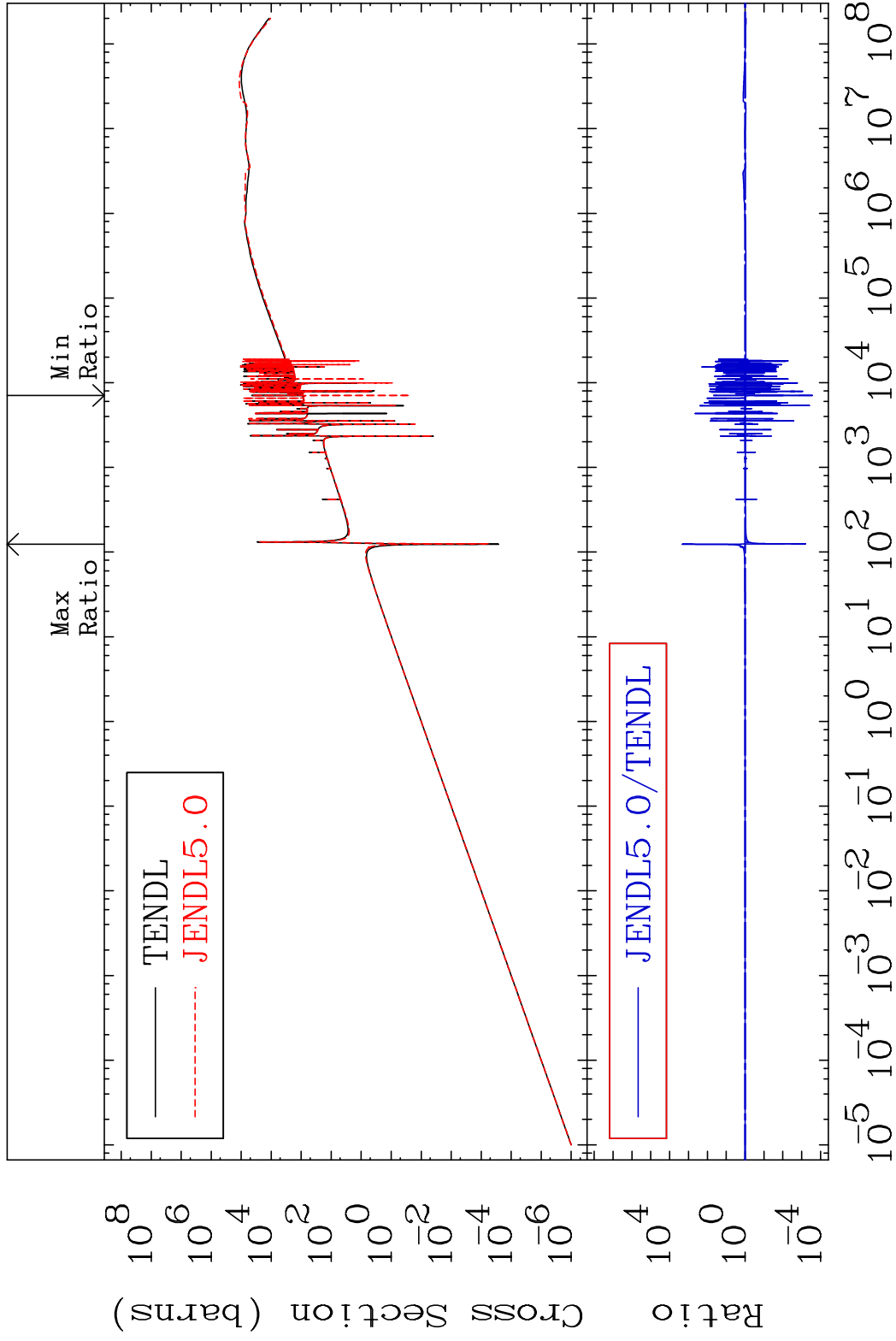


MAT 4237

Kerma elastic
Cross Section

42-Mo-96

-99.97 To 9999. %

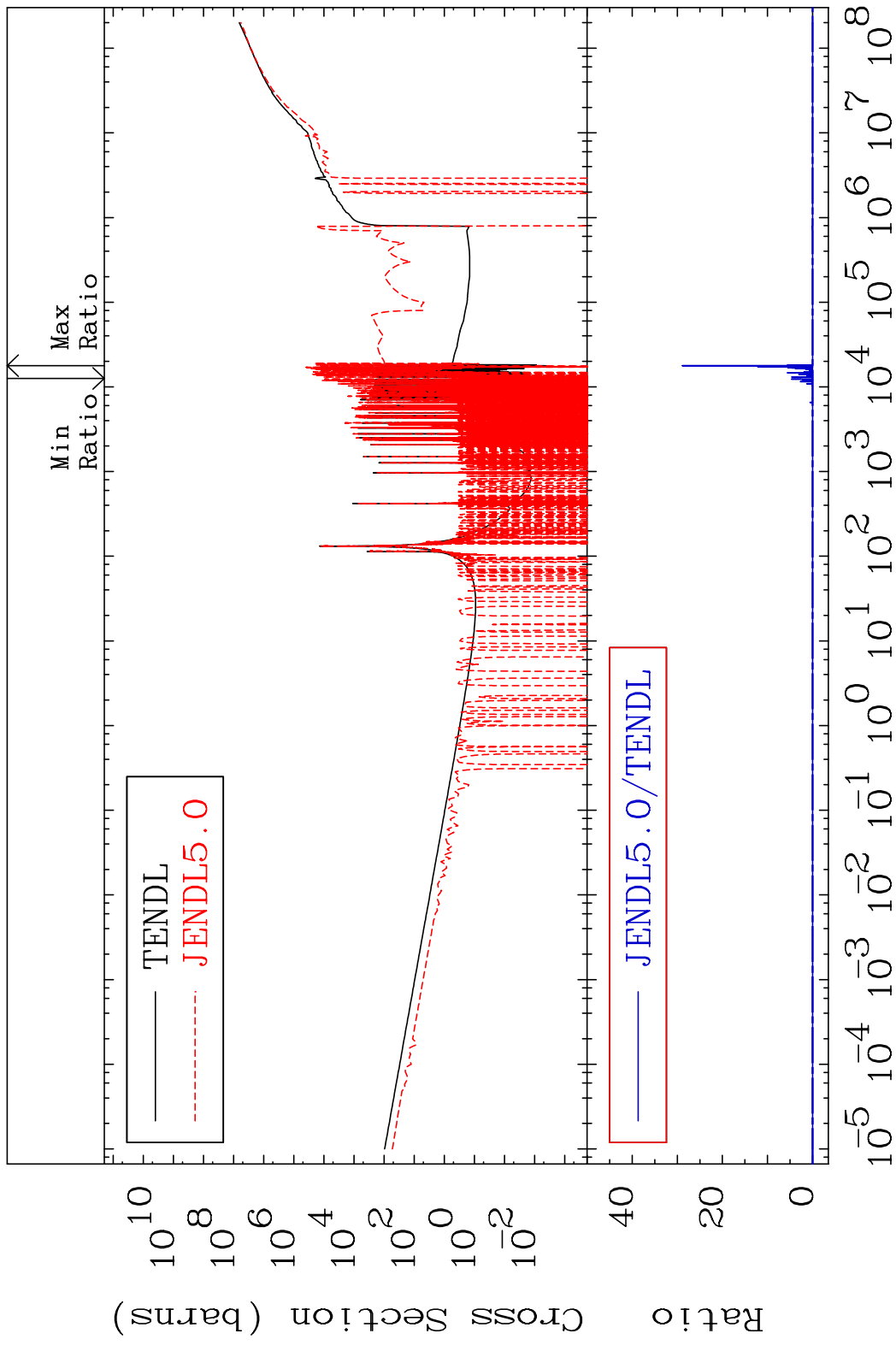


53

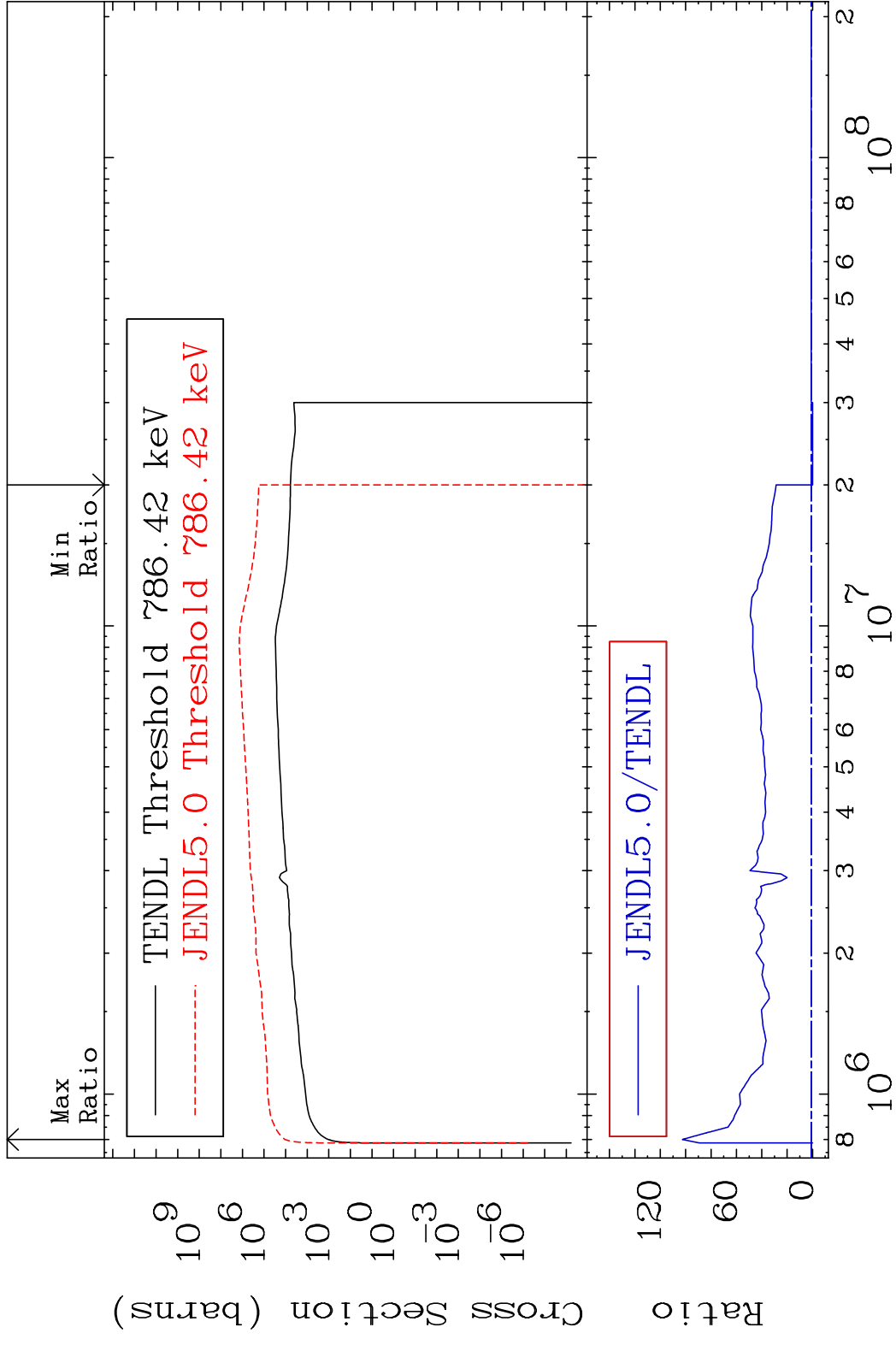
Incident Energy (eV)

42-Mo-96

MAT 4237 Kerma non-elastic (all but mt2) 42-Mo-96
 Cross Section -9999. To 9999. %

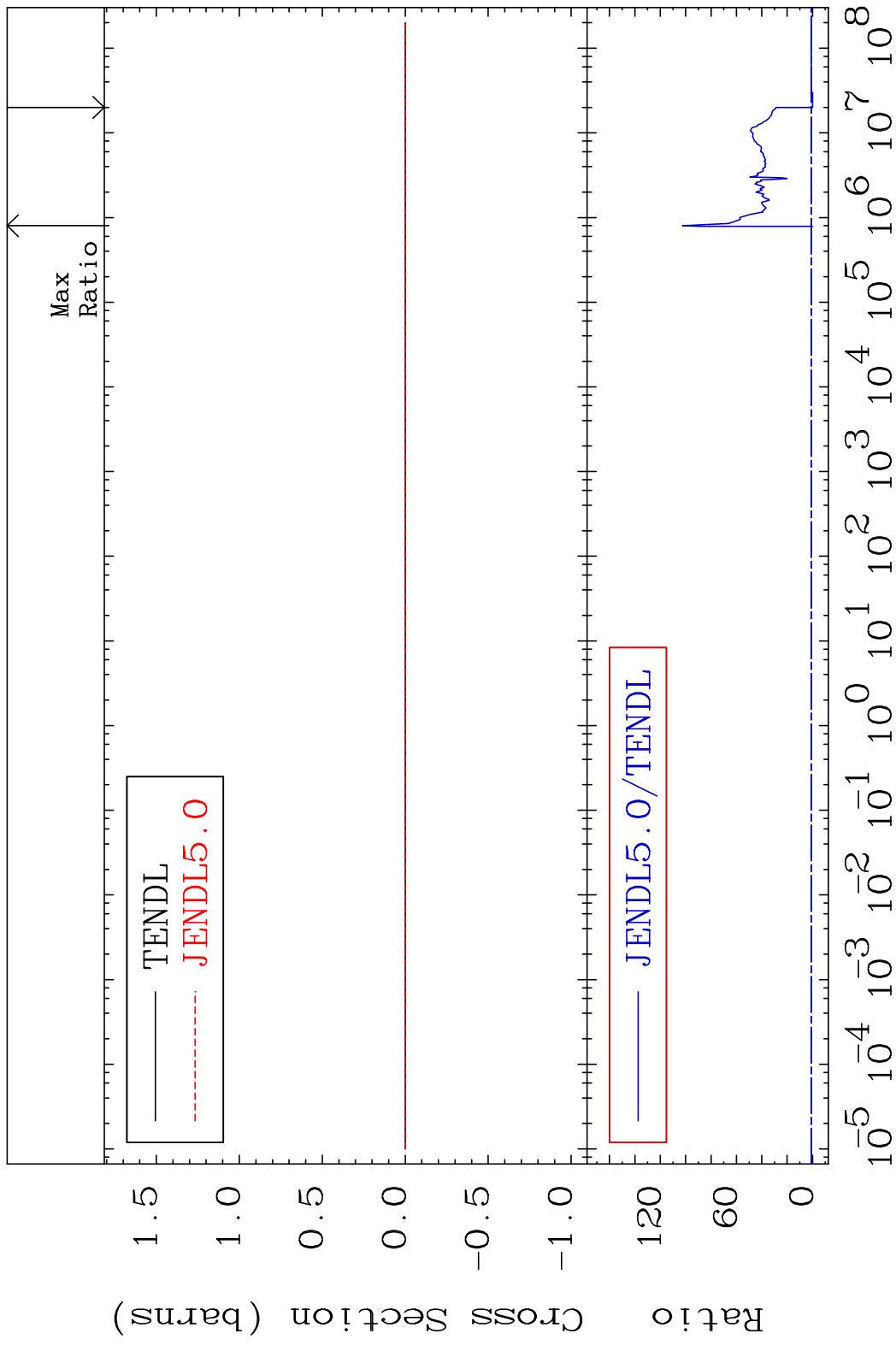


MAT 4237 Kerma inelastic (mt51-91) 42-Mo-96
 Cross Section -100.0 To 9999. %



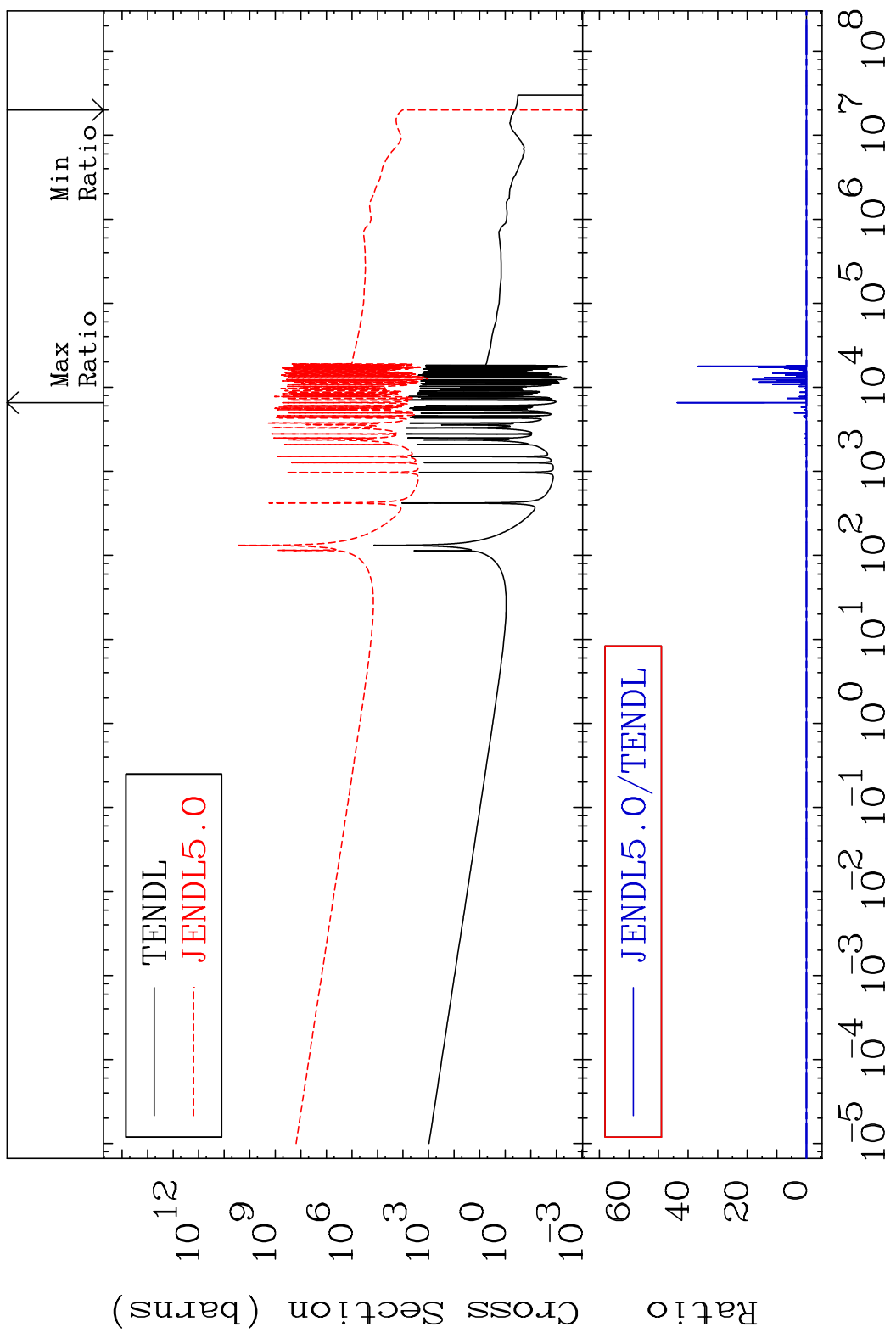
55 Incident Energy (eV) 42-Mo-96

MAT 4237 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-96
 Cross Section -100.0 To 9999. %



MAT 4237

Kerma capture (mt102) 42-Mo-96
Cross Section -100.0 To 9999. %



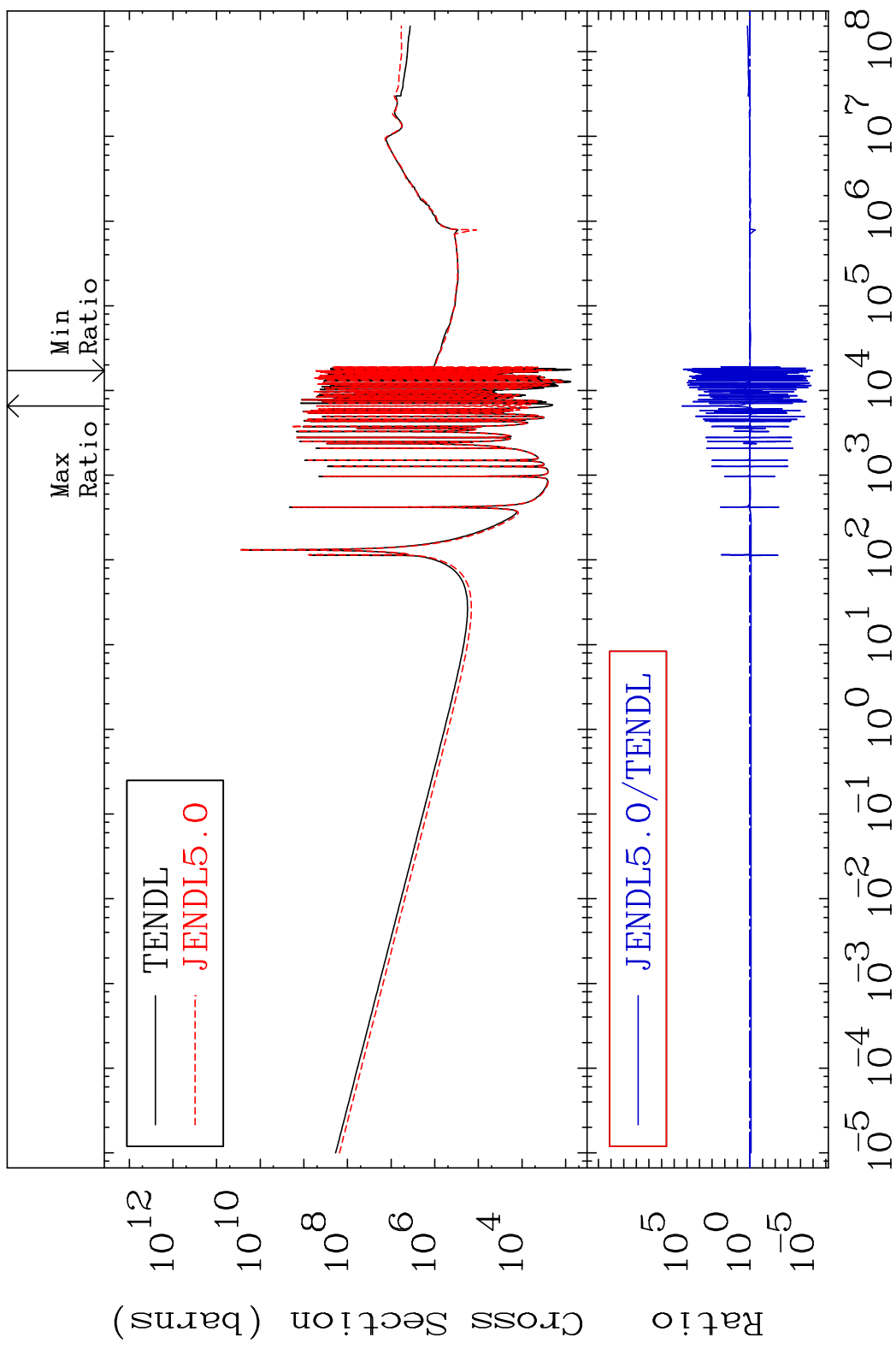
57

Incident Energy (eV)

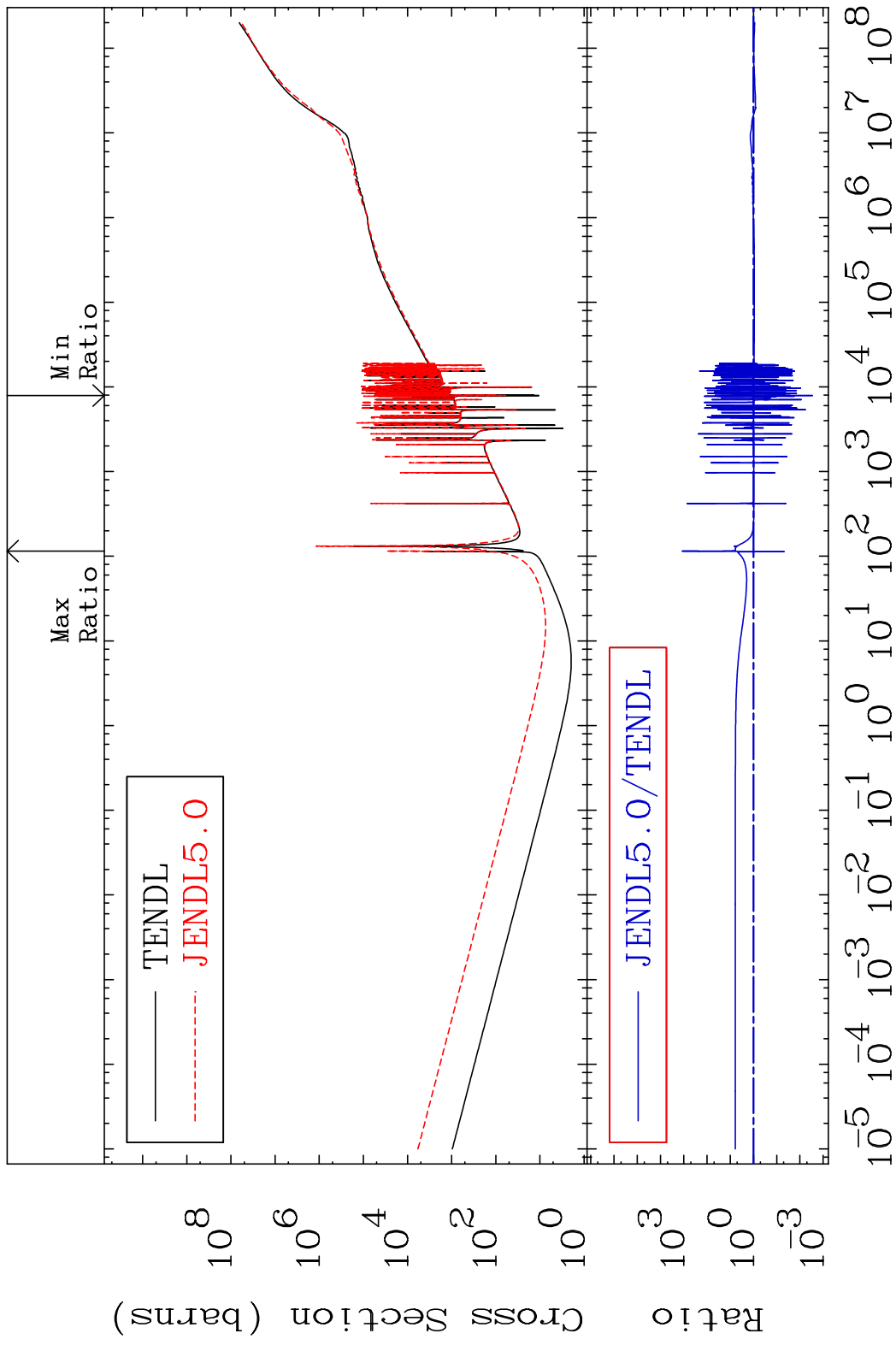
42-Mo-96

MAT 4237

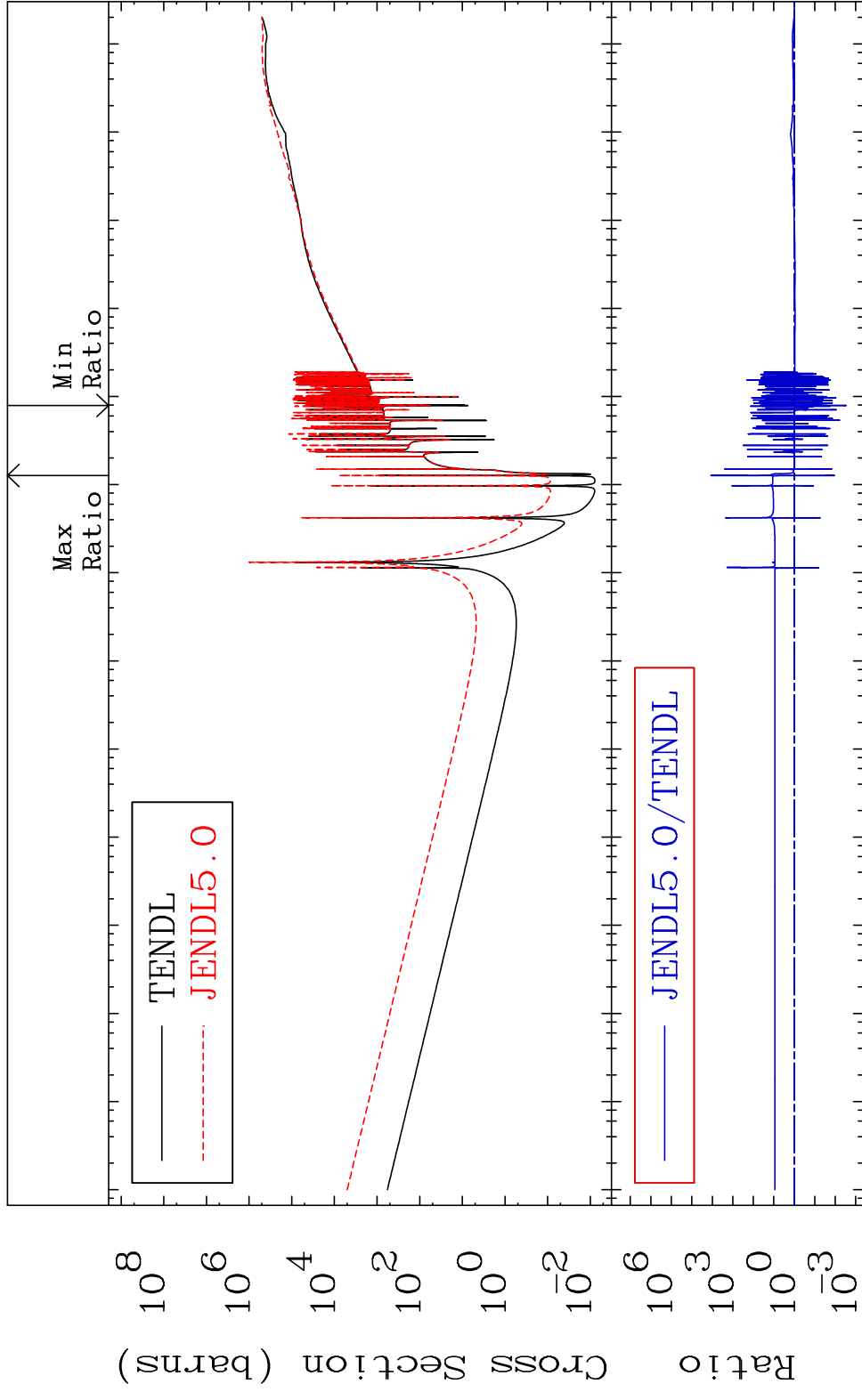
Total photon (eV-barns) 42-Mo-96
Cross Section -100.0 To 9999. %



MAT 4237 Total kinematic kerma (high limit) 42-Mo-96
Cross Section -99.71 To 9999. %



MAT 4237 Dpa total (eV-barns) 42-Mo-96
 Cross Section -99.71 To 9999. %



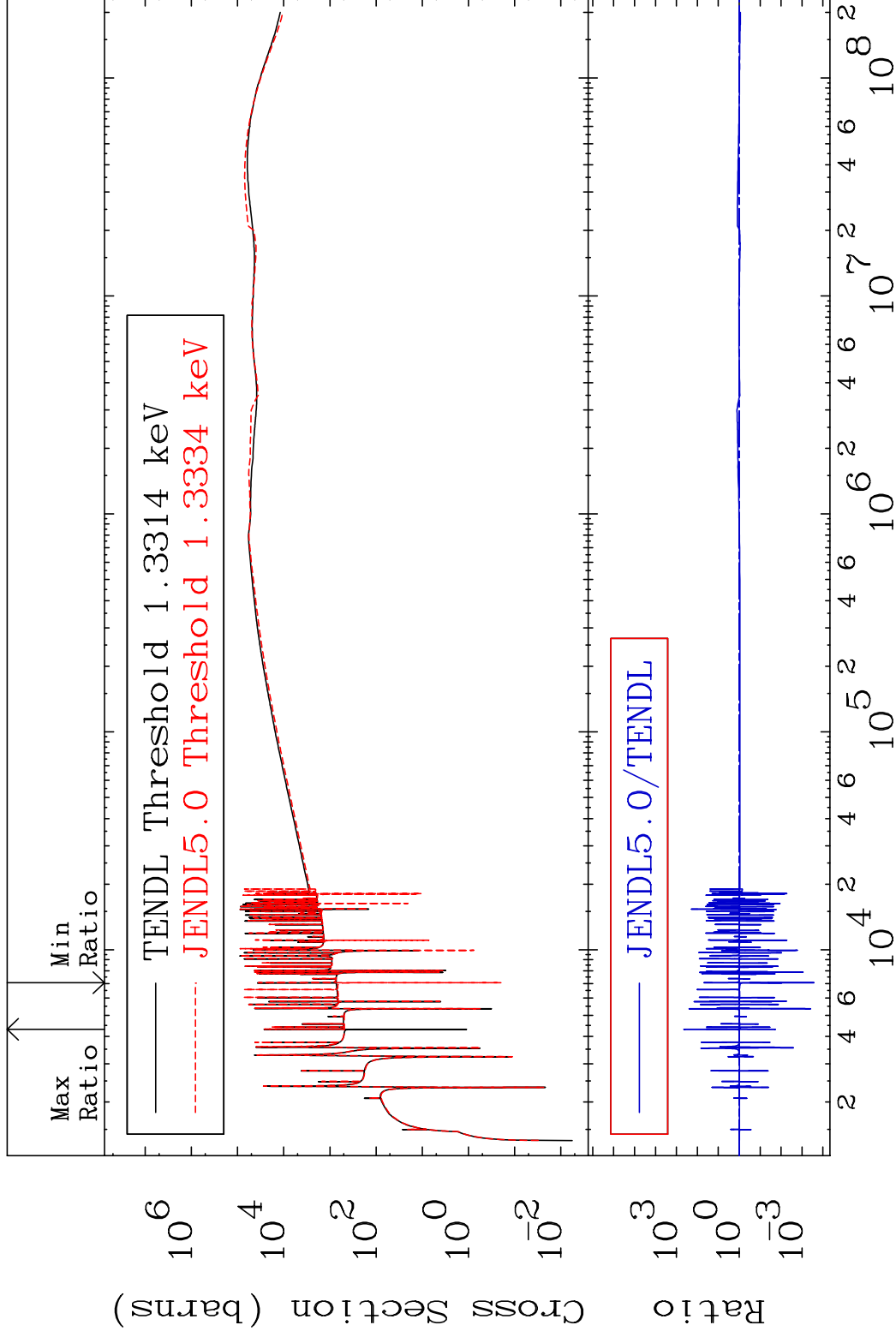
60 Incident Energy (eV) 42-Mo-96

MAT 4237

Dpa elastic (mt2)

42-Mo-96

Cross Section -99.97 To 9999. %



61

Incident Energy (eV)

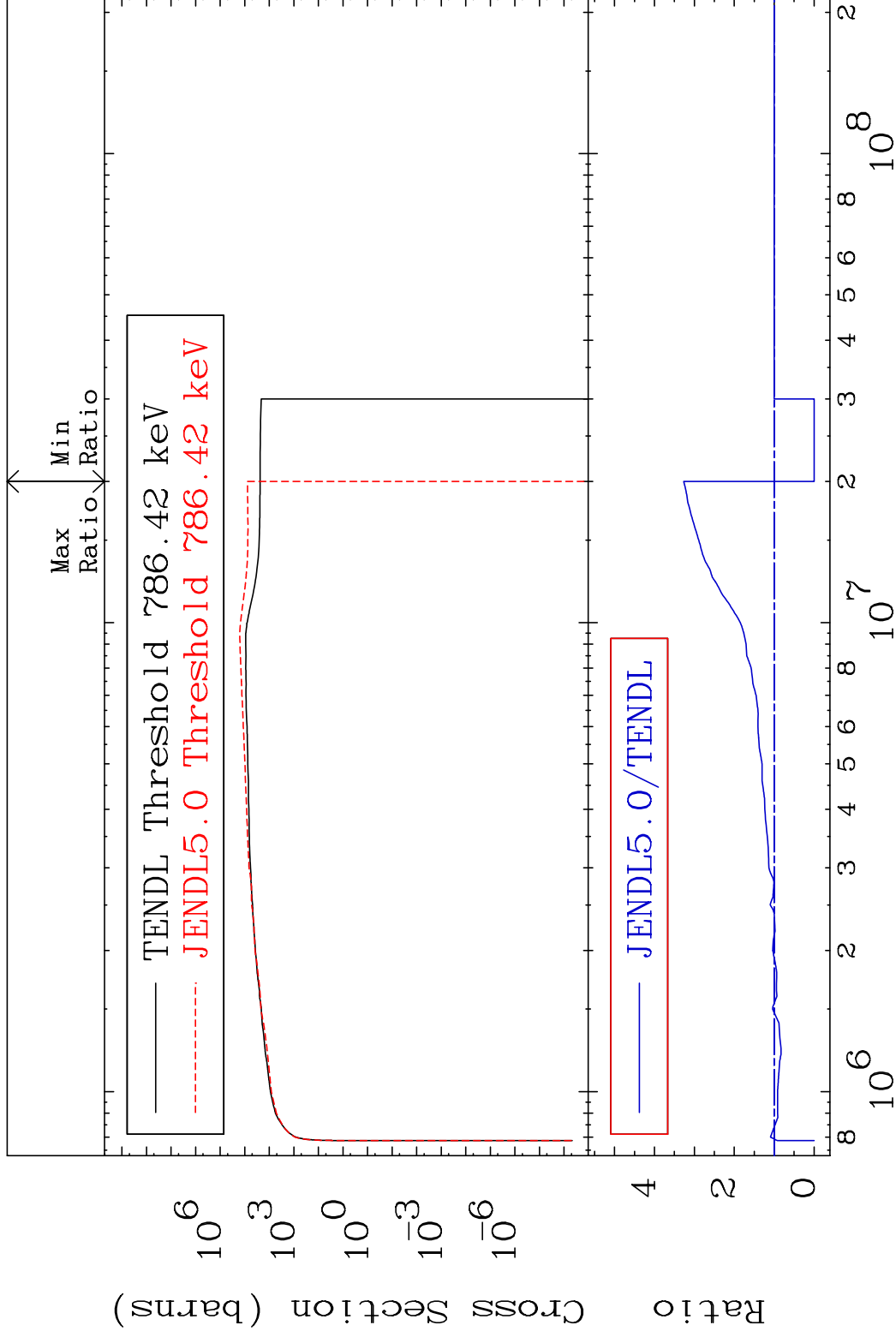
42-Mo-96

MAT 4237

Dpa inelastic (mt51-91)

42-Mo-96

Cross Section -100.0 To 226.8 %

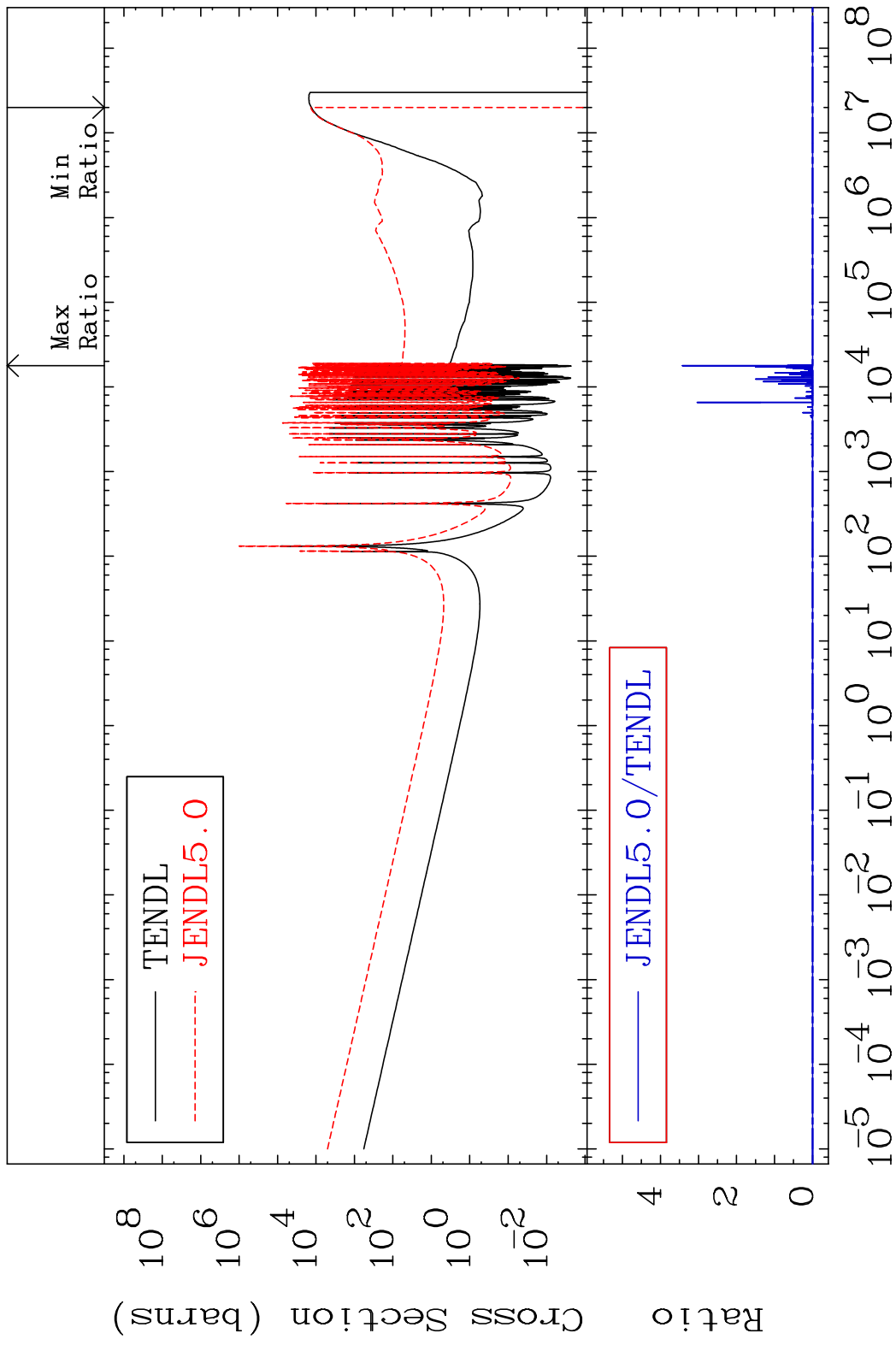


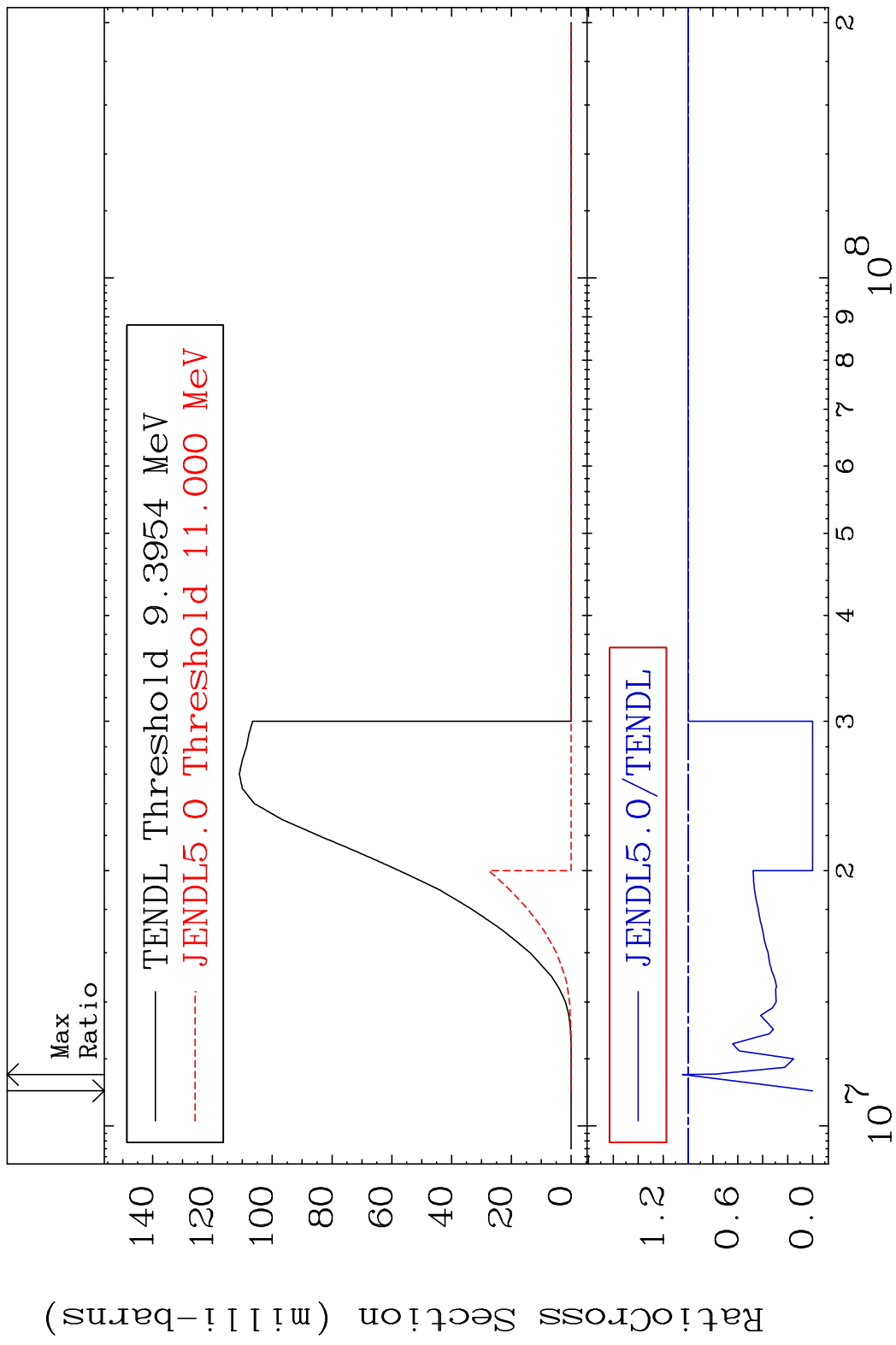
62

Incident Energy (eV)

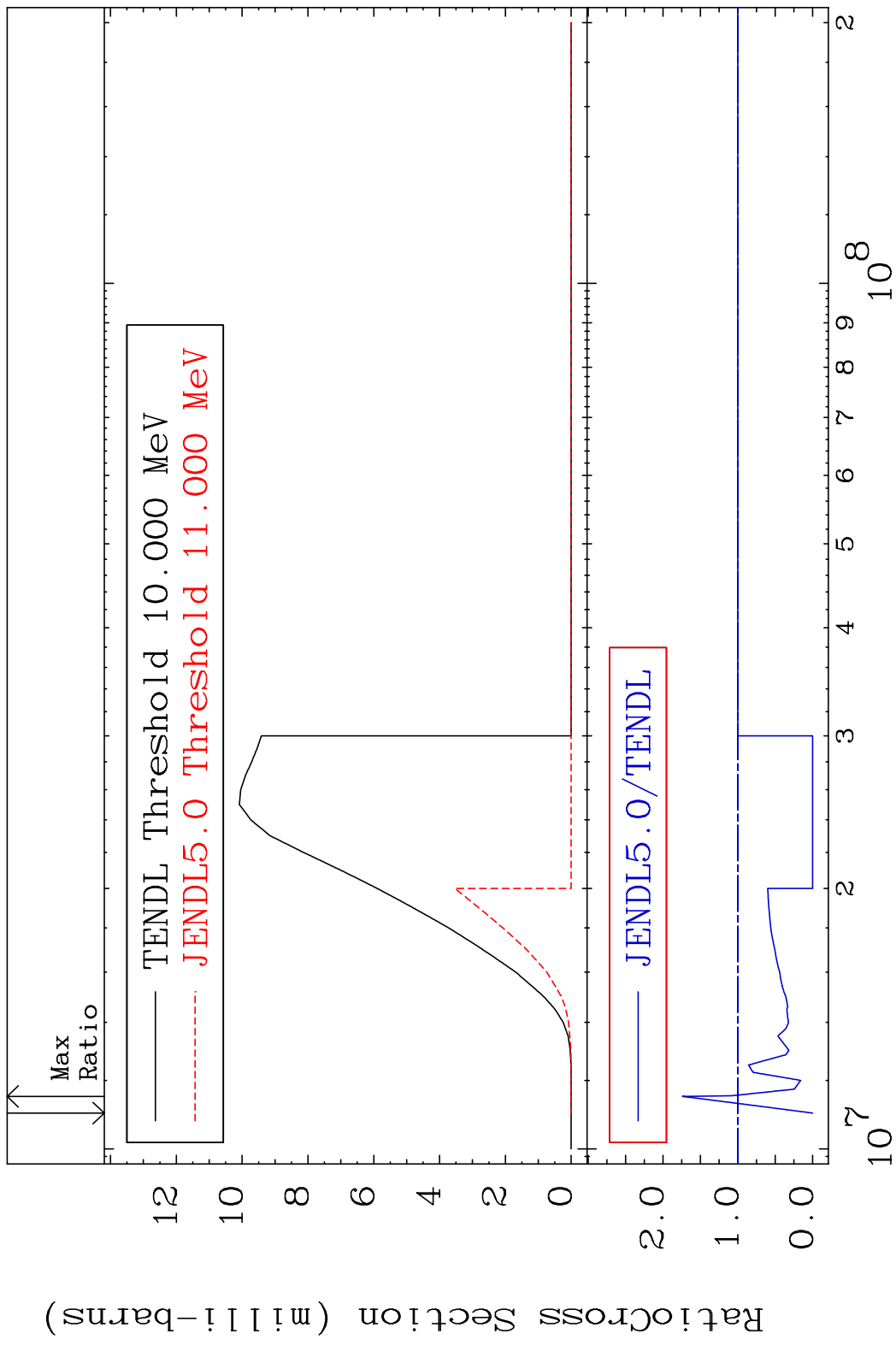
42-Mo-96

MAT 4237 Dpa disappearance (mt102 -120) 42-Mo-96
 Cross Section -100.0 To 9999. %

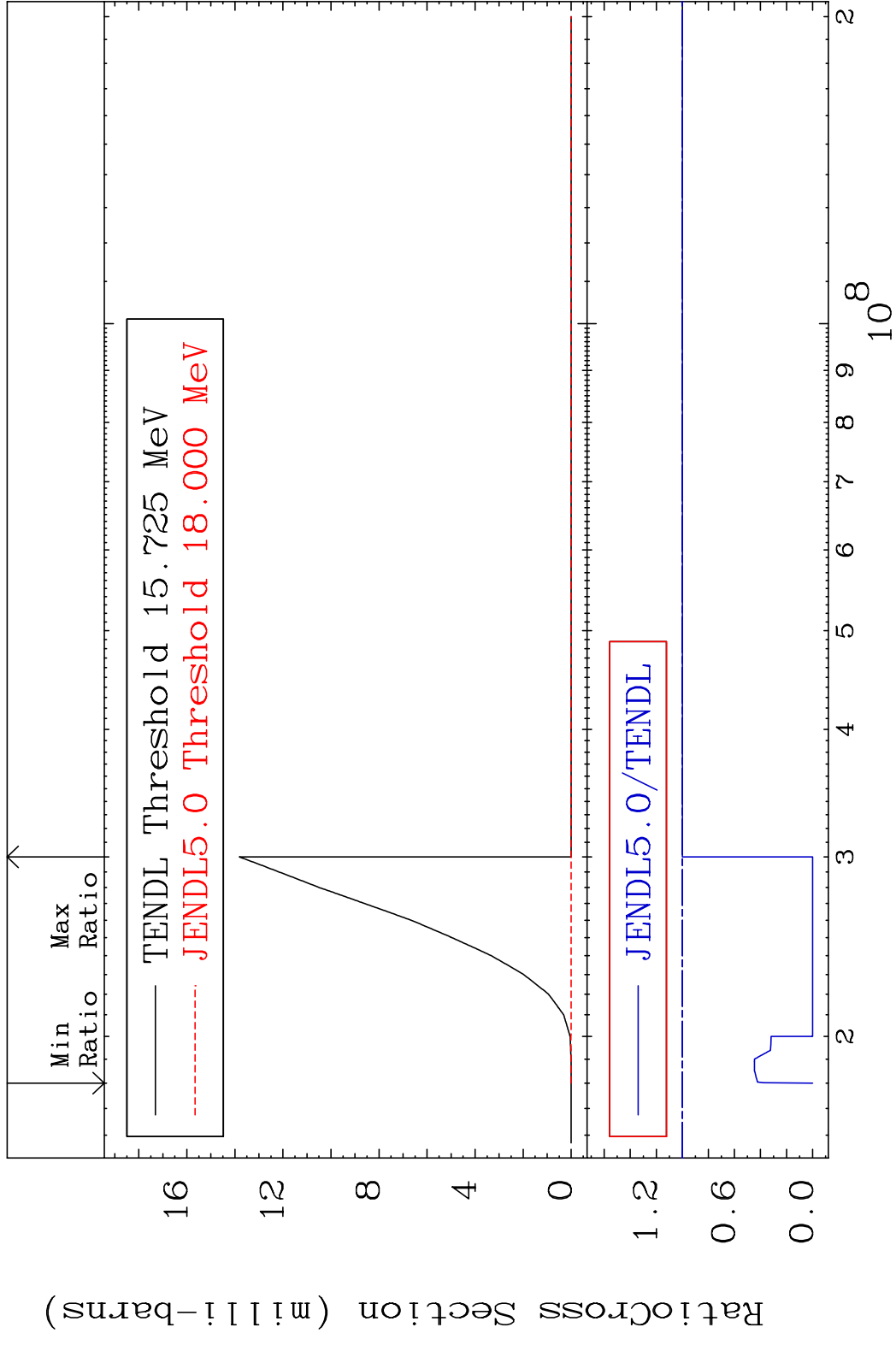


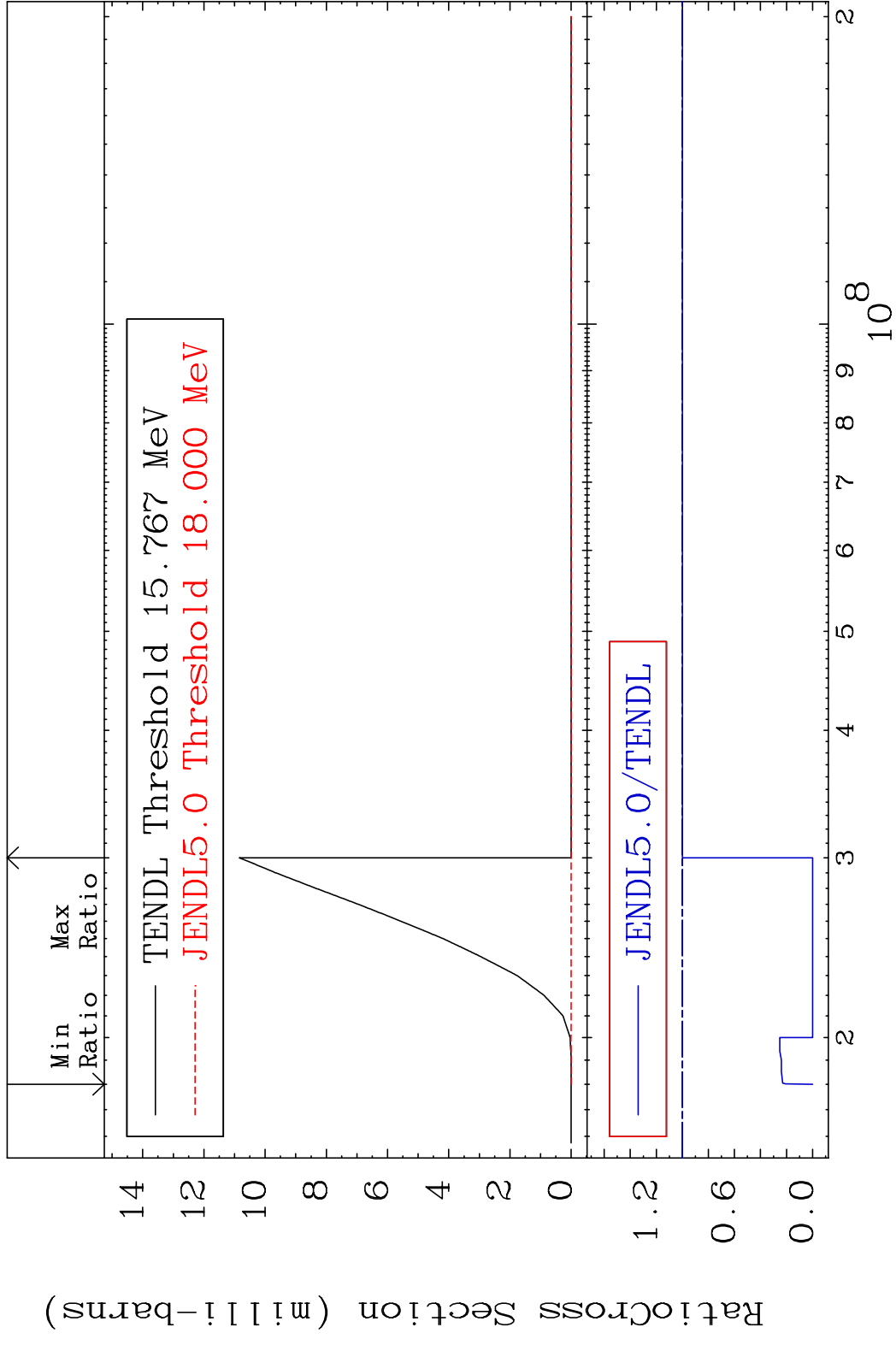


MAT 4237 (n, n') p:41-Nb-95m1 42-Mo-96
 Radionuclide Production Cross Section 180.01 dth 74.13 %

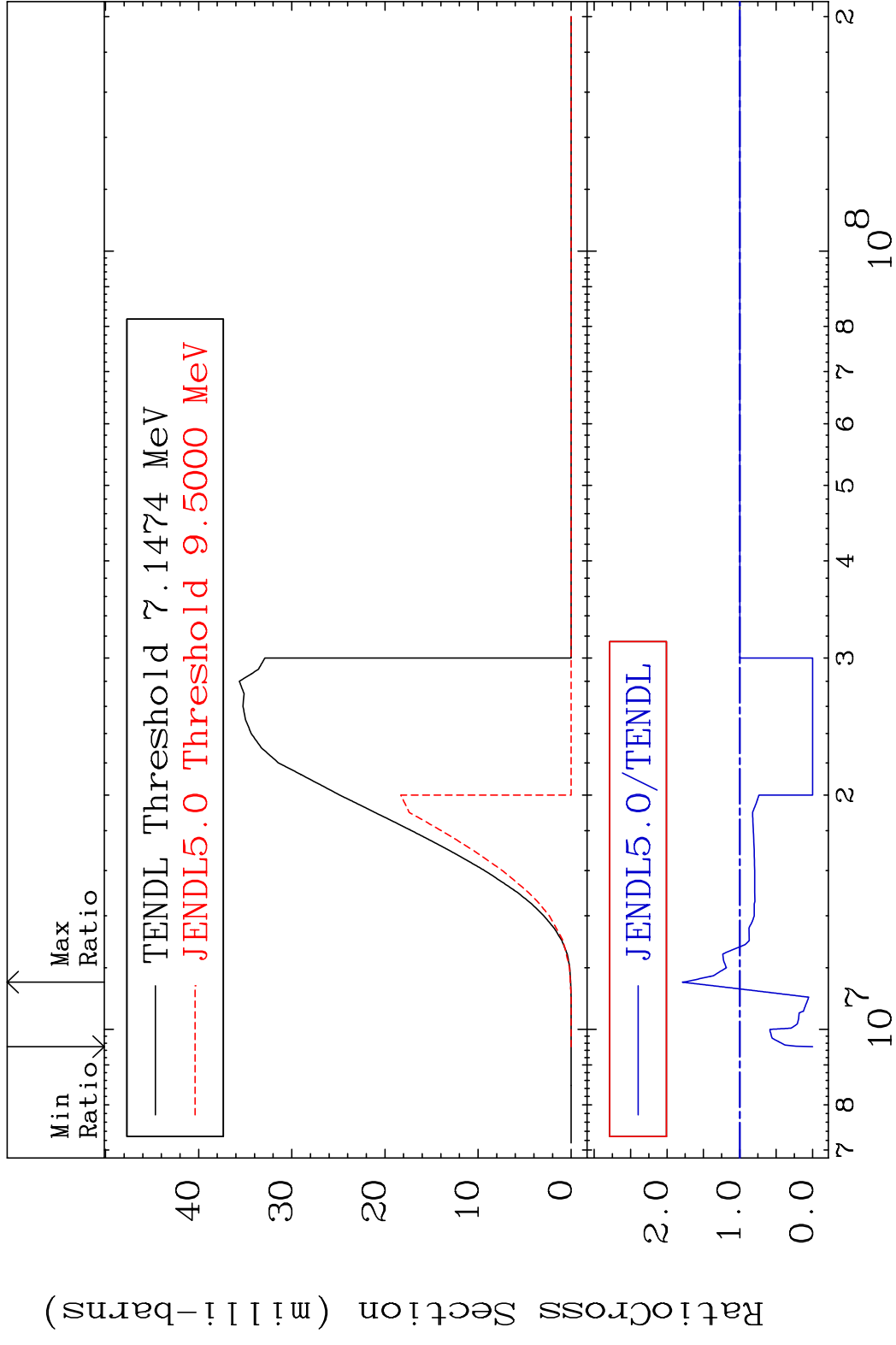


65 Incident Energy (eV) 42-Mo-96

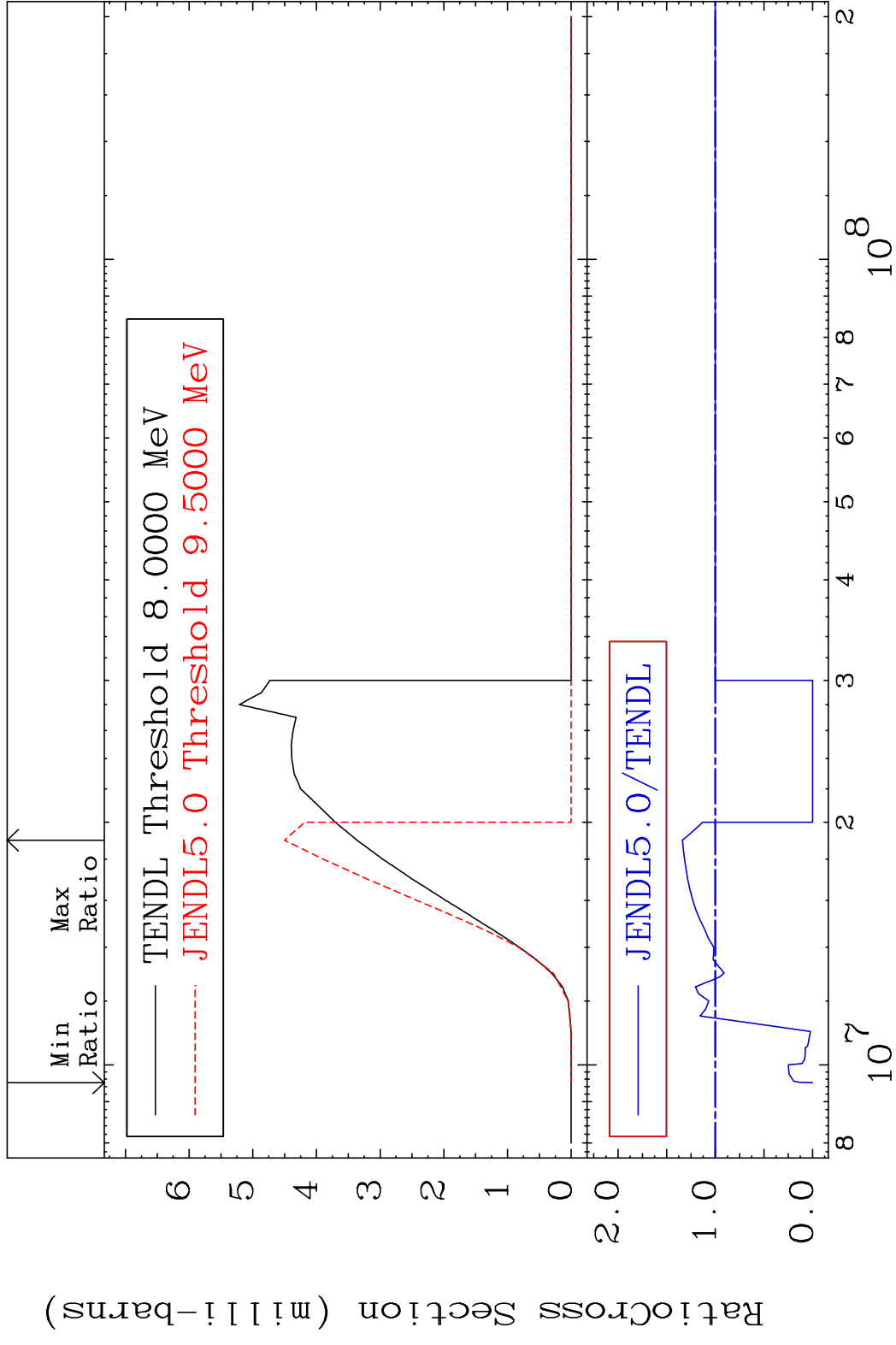




MAT 4237 (n, d): 41-Nb-95g 42-Mo-96
 Radionuclide Production Cross Section 180.0 mb 78.91 %



MAT 4237 (n, d): 41-Nb-95m1 42-Mo-96
 Radionuclide Production Cross Section 33.88 %



MAT 4237 (n, t): 41-Nb-94g 42-Mo-96
 Radionuclide Production Cross Section 100.00 dth 9999. %

