

Program Complot
(Version 2021-1)

by

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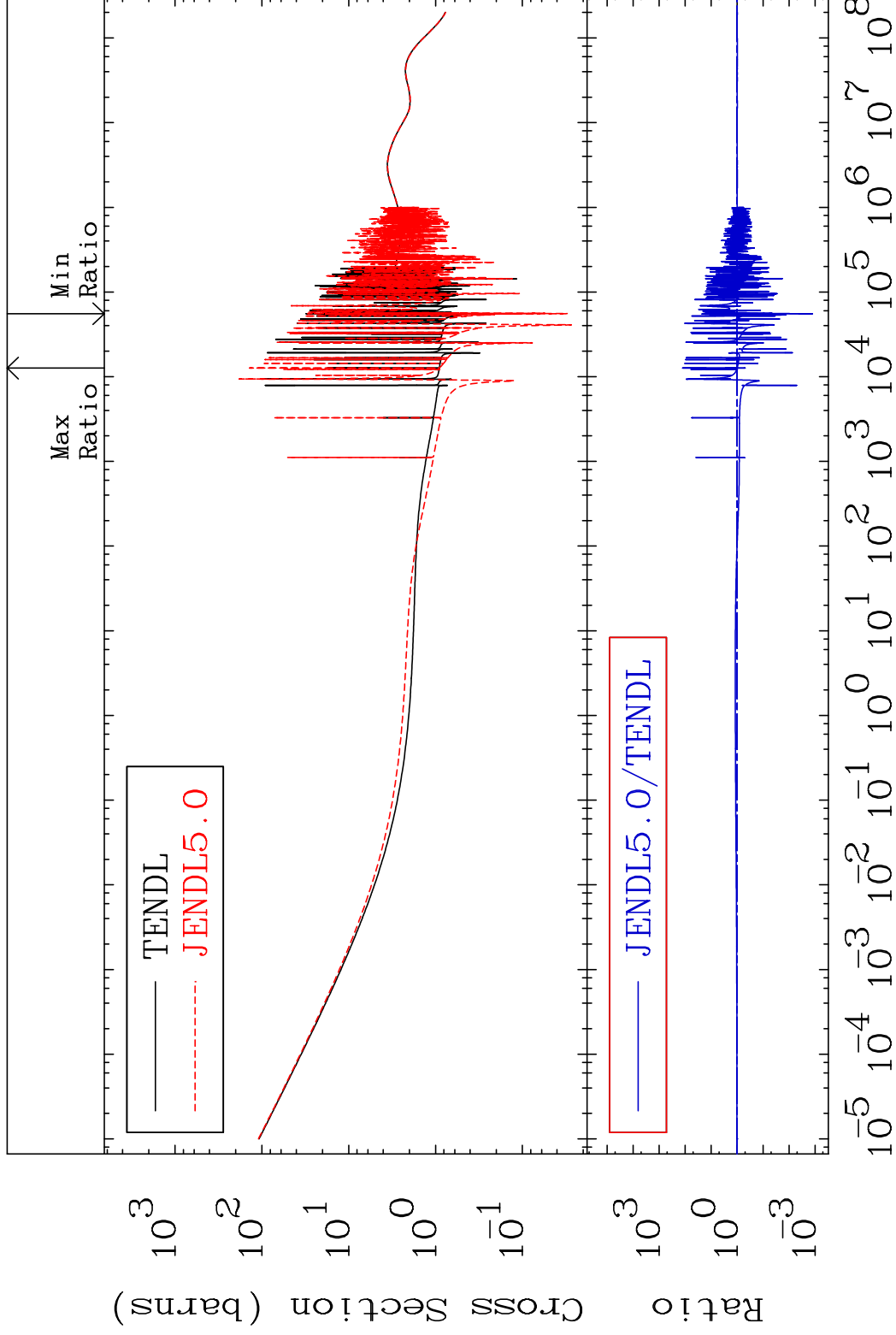
Press Mouse Button to Start

MAT 1925

Total

19-K -39

Cross Section -99.87 To 9999. %



1

Incident Energy (eV)

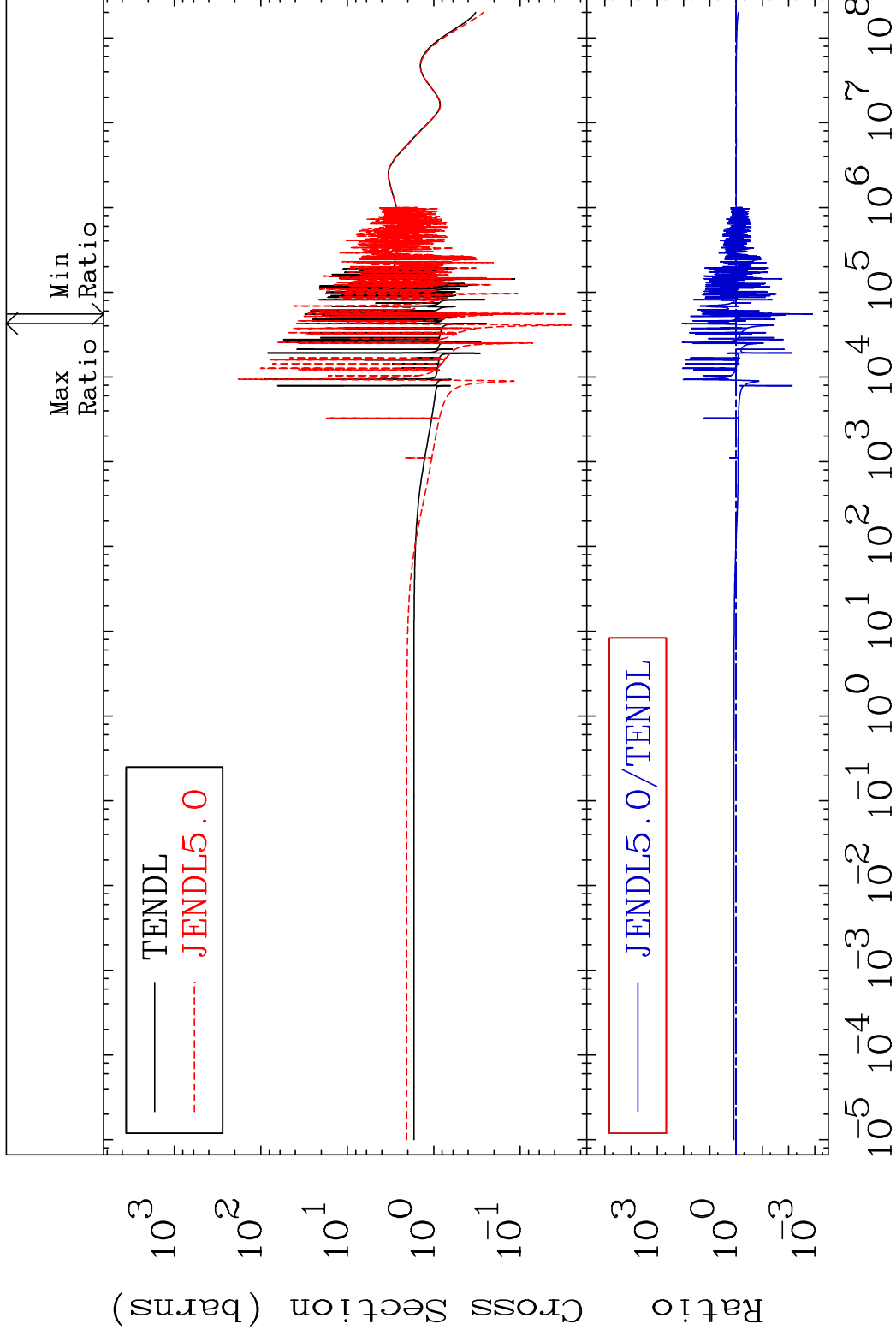
19-K -39

MAT 1925

Elastic

19-K -39

Cross Section -99.88 To 9999. %

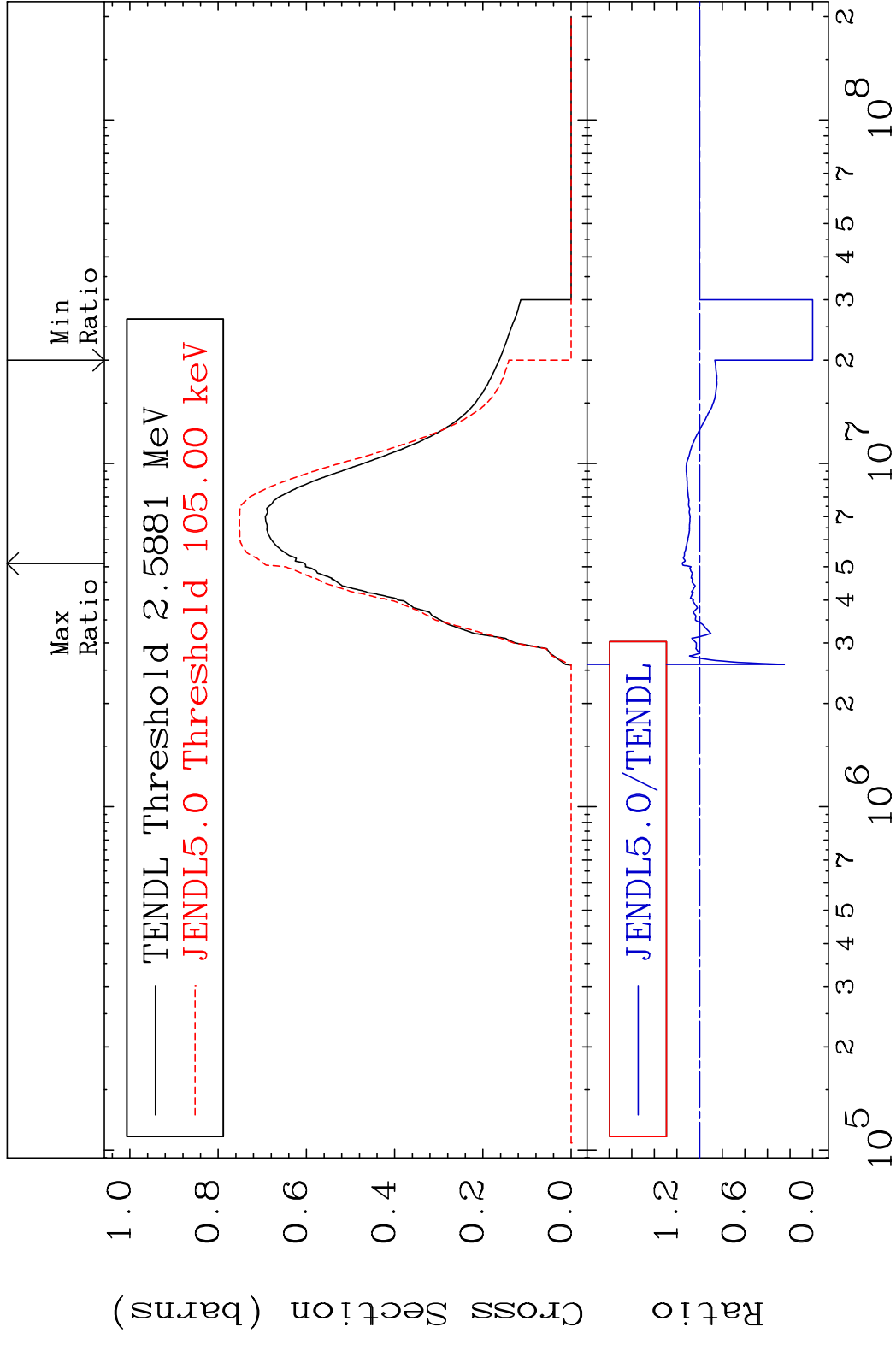


2

Incident Energy (eV)

19-K -39

MAT 1925 Inelastic 19-K -39
 Cross Section -100.0 To 15.27 %



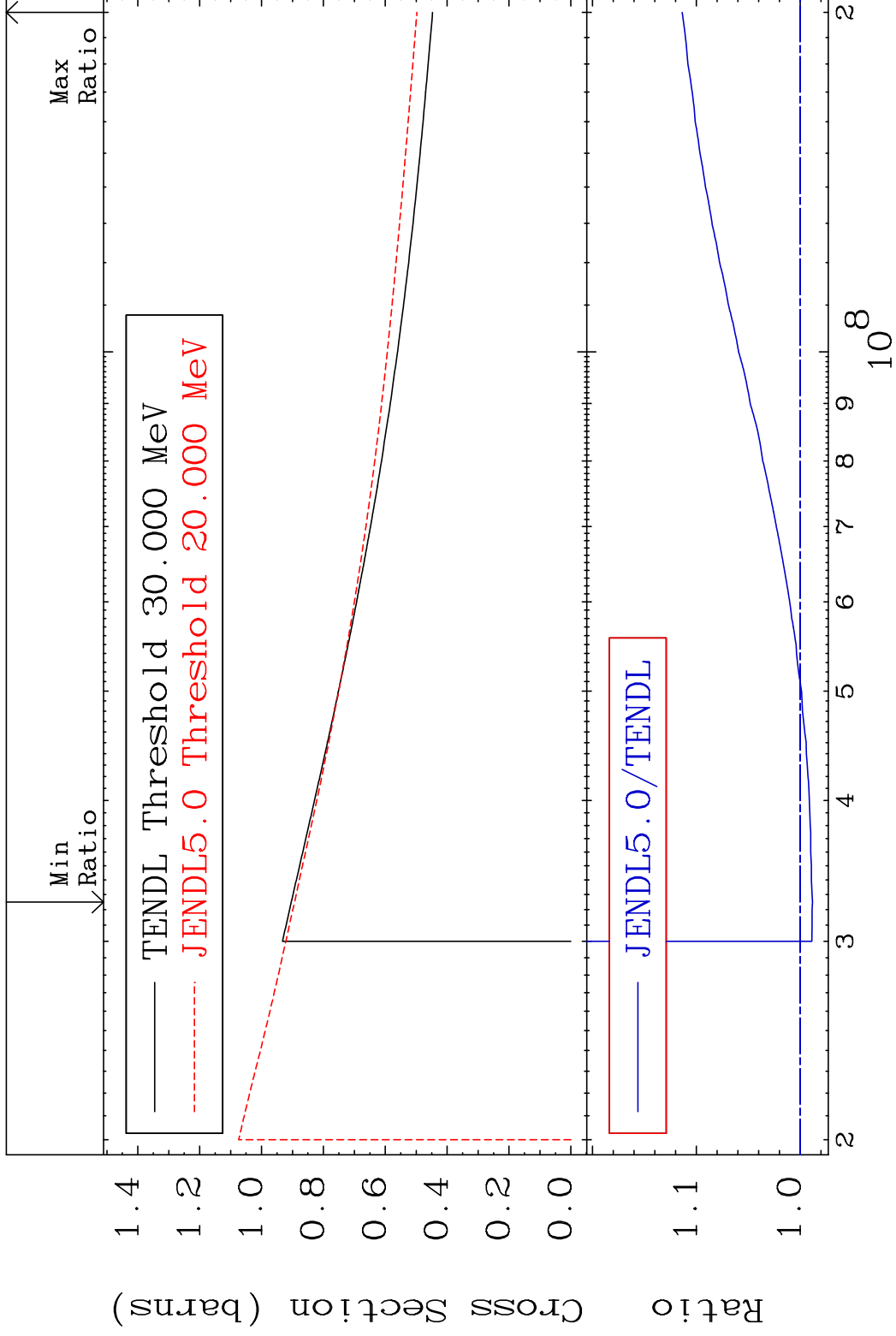
3 19-K -39

MAT 1925

(n, remainder)

19-K -39

Cross Section -1.183 To 11.36 %

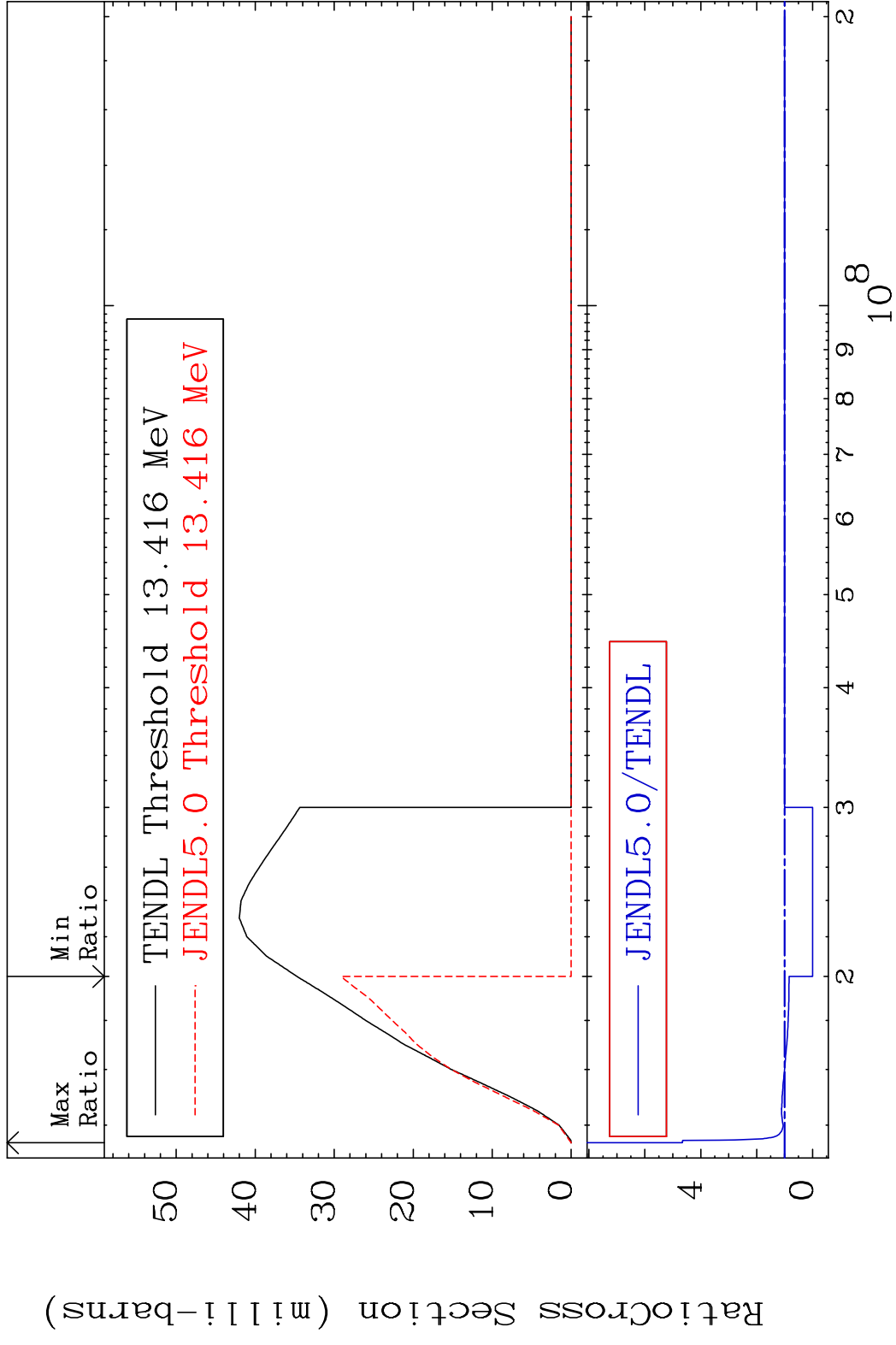


4

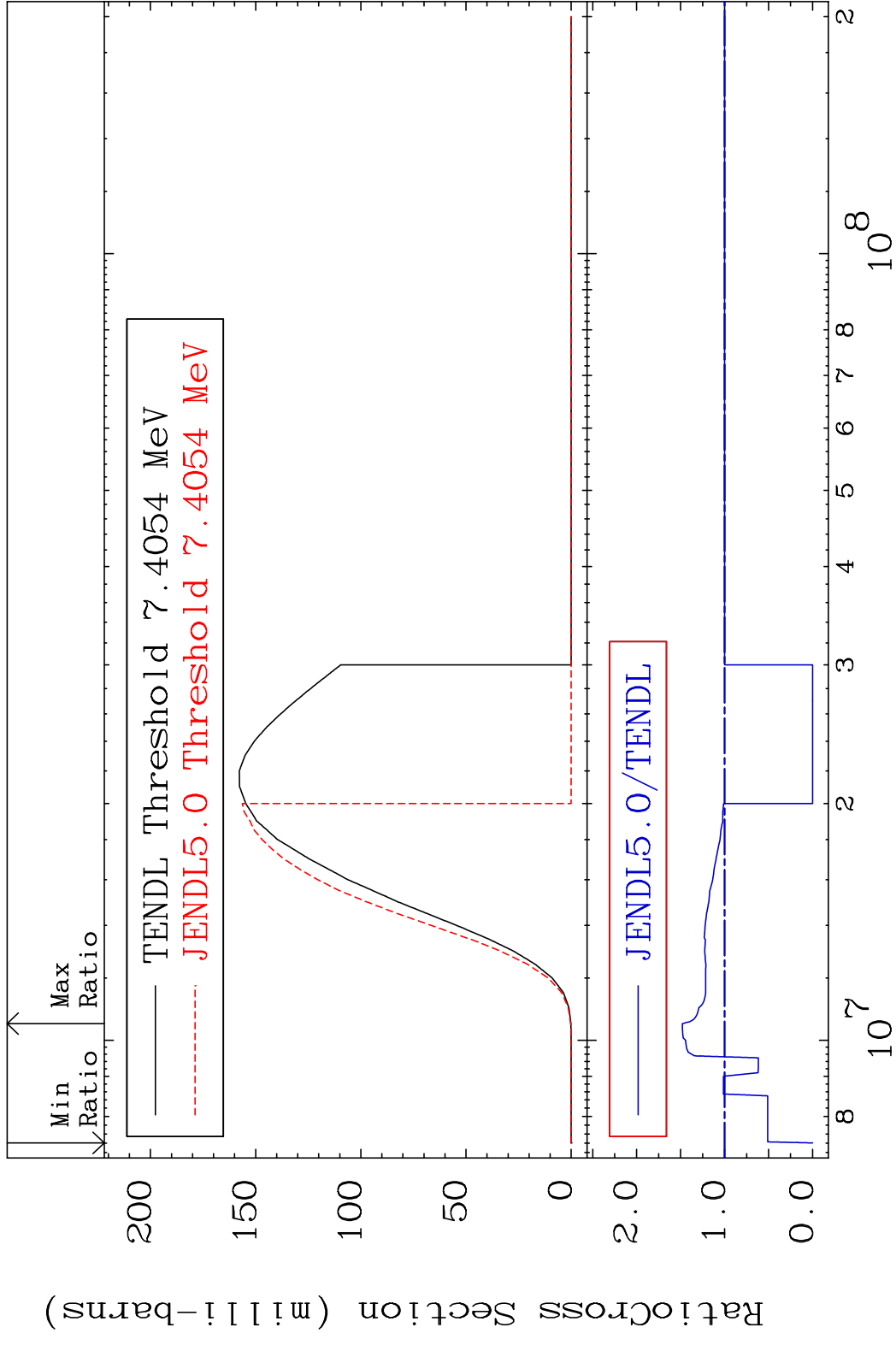
Incident Energy (eV)

19-K -39

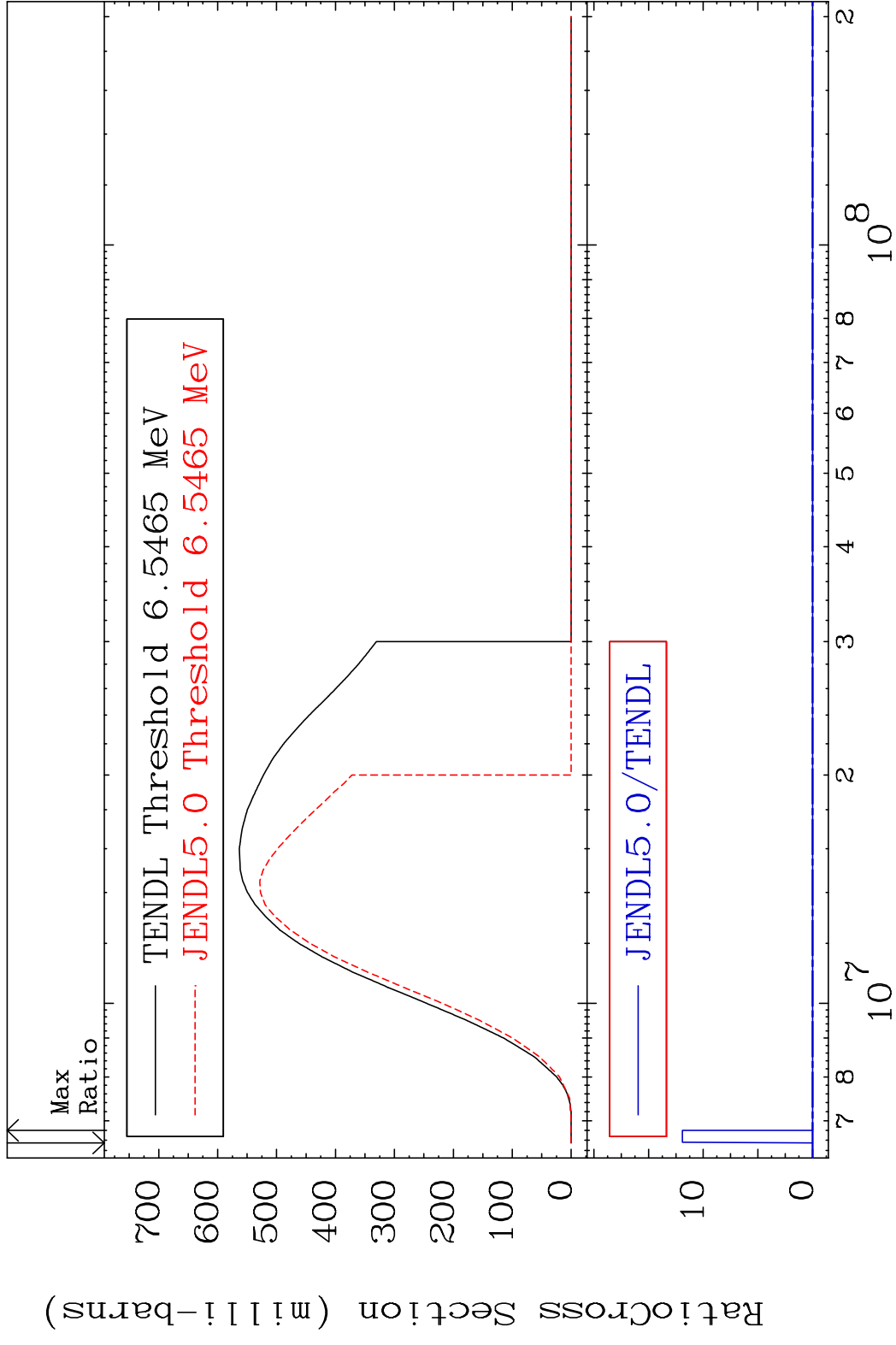
MAT 1925 (n,2n) 19-K -39
 Cross Section -100.0 To 365.8 %



MAT 1925 (n, n') α 19-K -39
 Cross Section -100.0 To 48.03 %

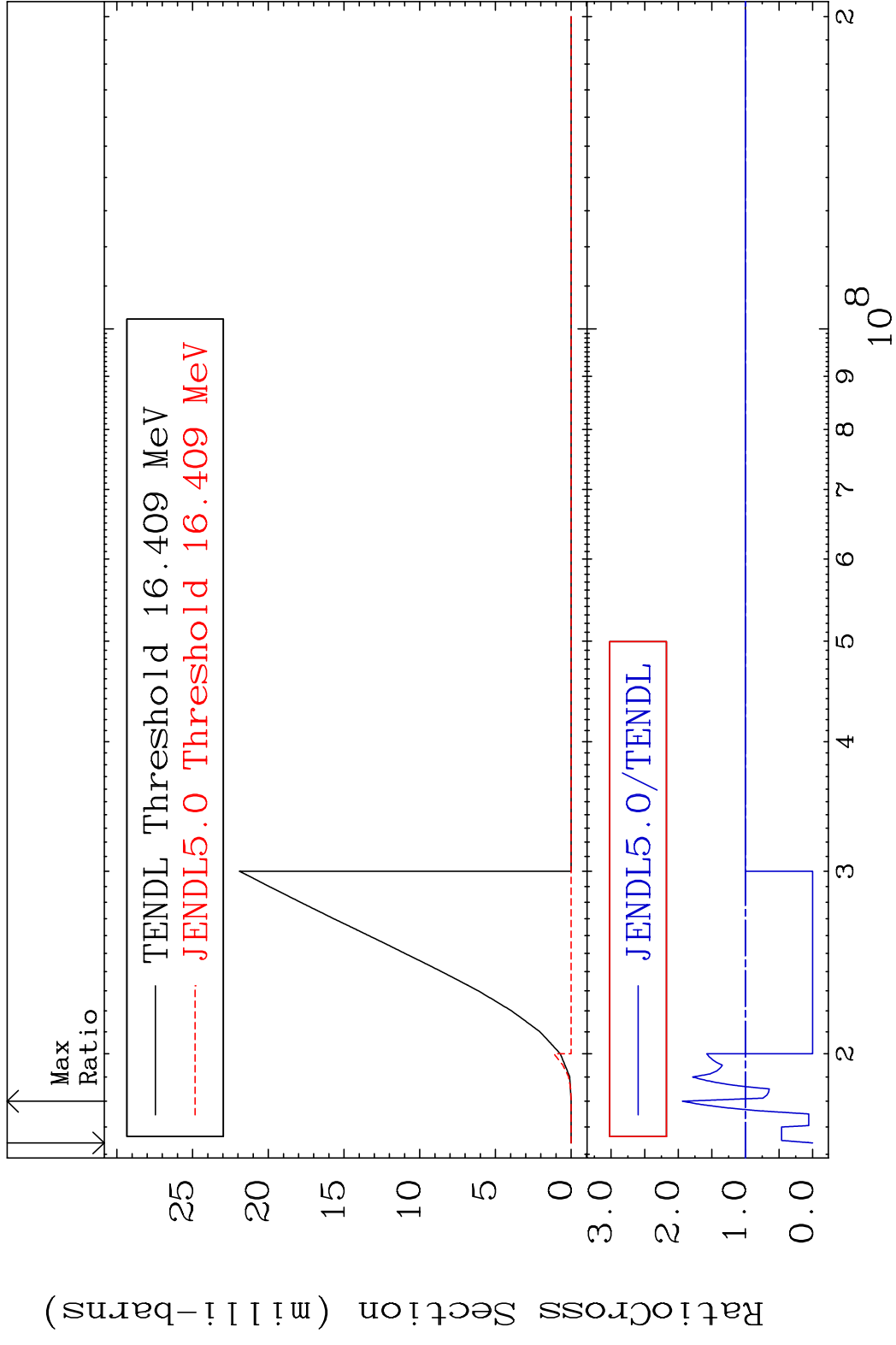


MAT 1925 (n, n') p 19-K -39
 Cross Section -100.0 To 9999. %



7 Incident Energy (eV) 19-K -39

MAT 1925 (n, n') d 19-K -39
 Cross Section -100.0 To 93.86 %

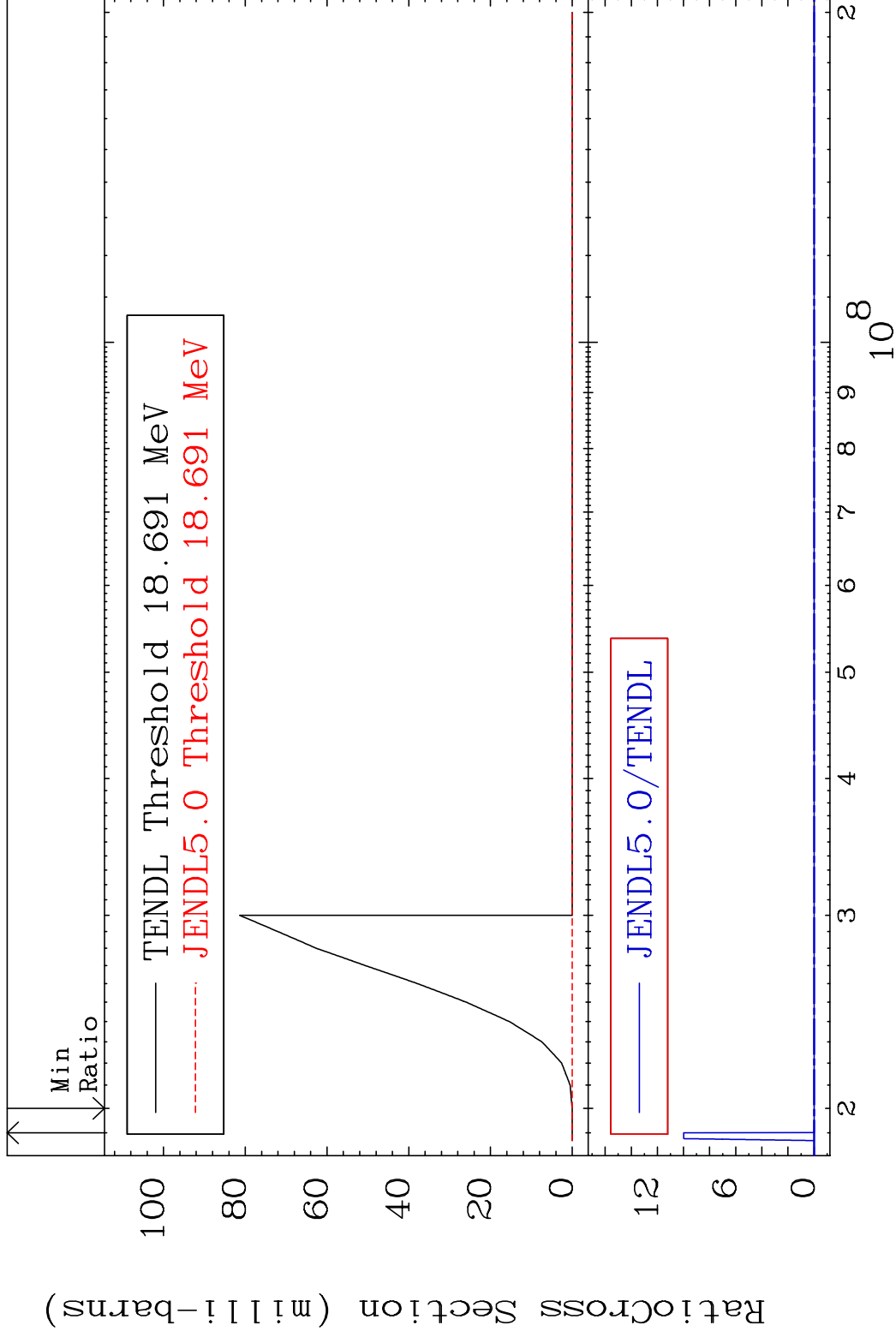


MAT 1925

(n,2n) p

19-K -39

Cross Section -100.0 To 9999. %

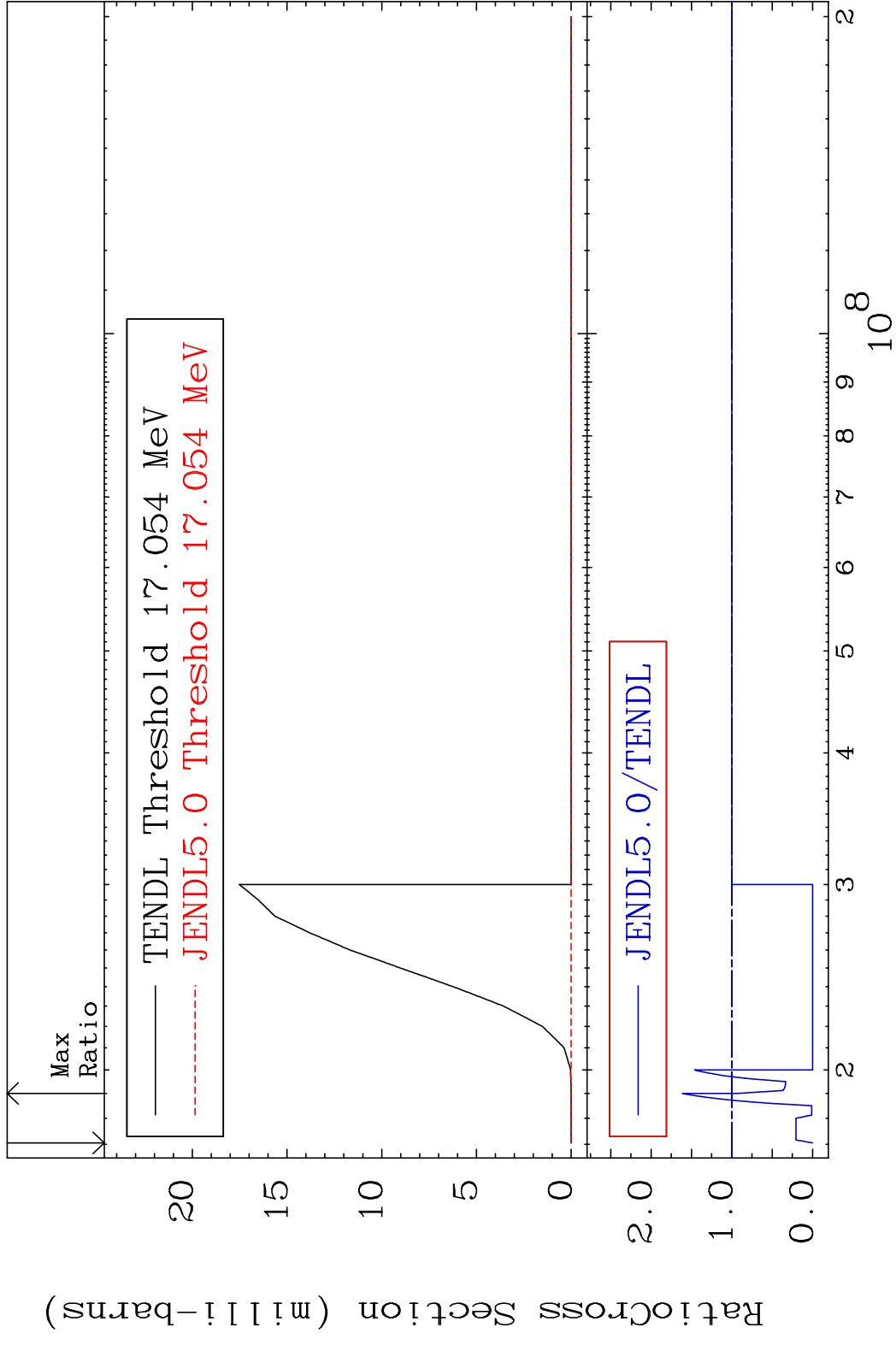


9

Incident Energy (eV)

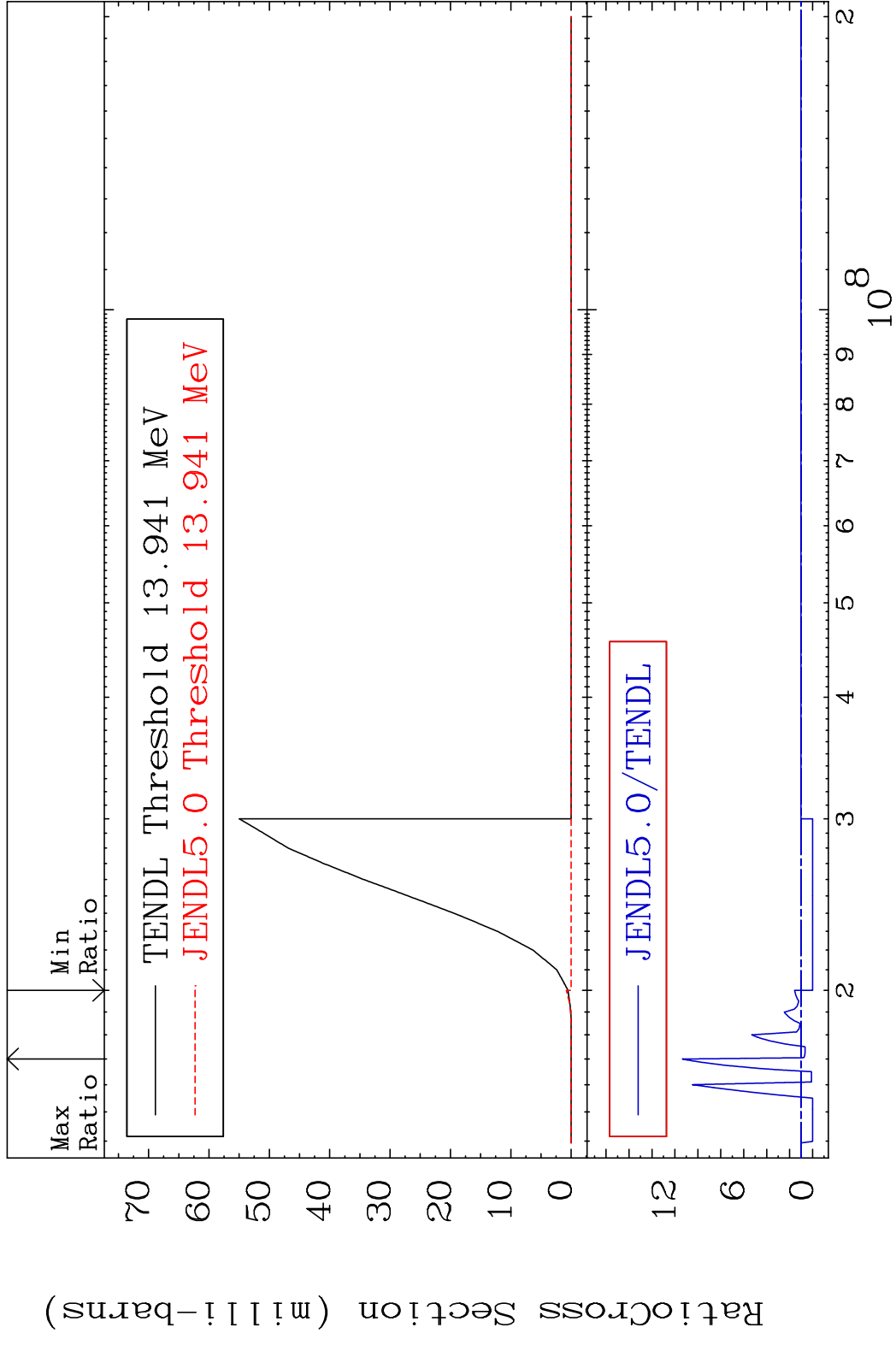
19-K -39

MAT 1925 (n,2n) p 19-K -39
 Cross Section -100.0 To 61.30 %

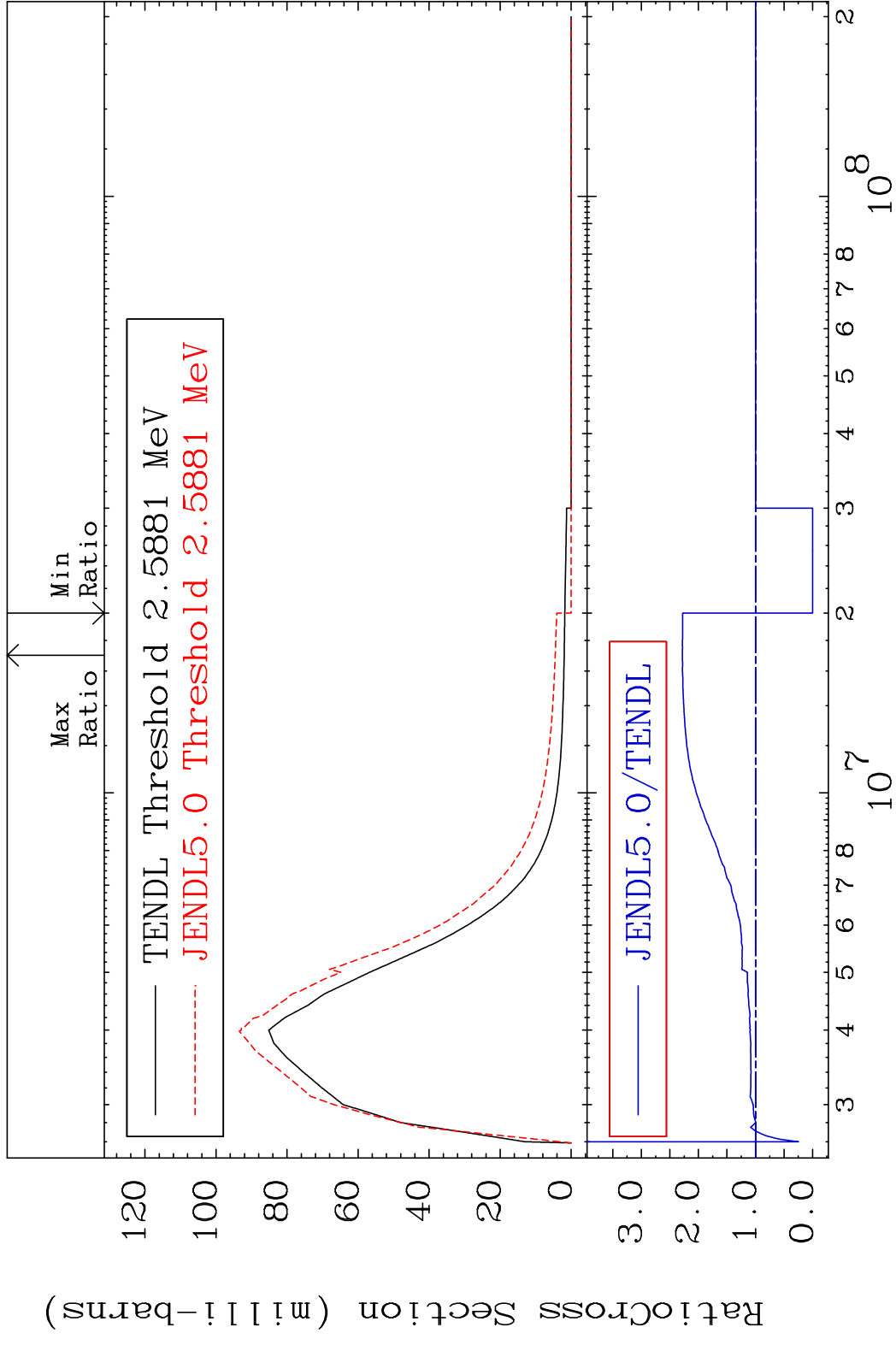


10 19-K -39

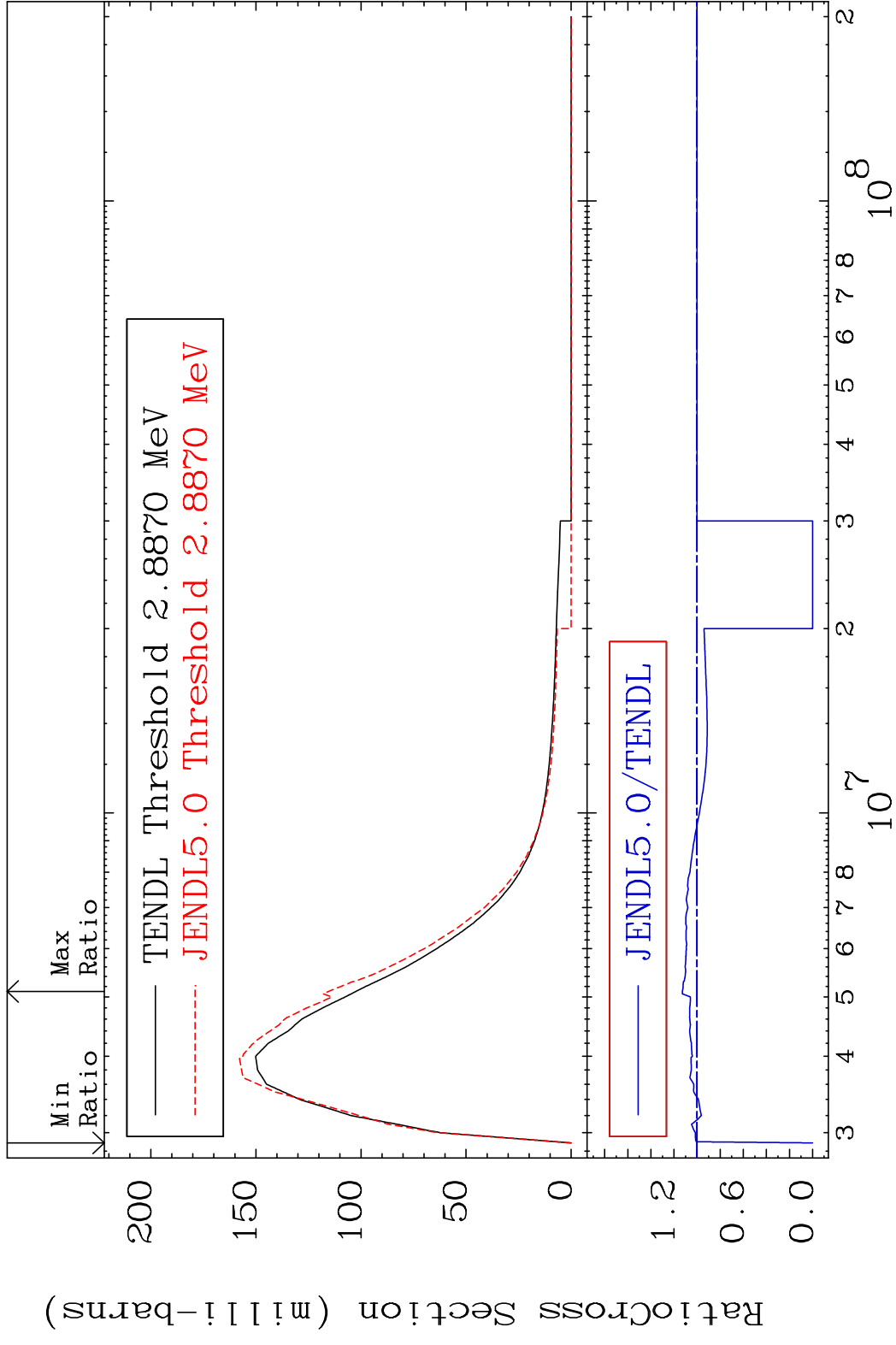
MAT 1925 (n,n') p α 19-K -39
 Cross Section -100.0 To 1035. %



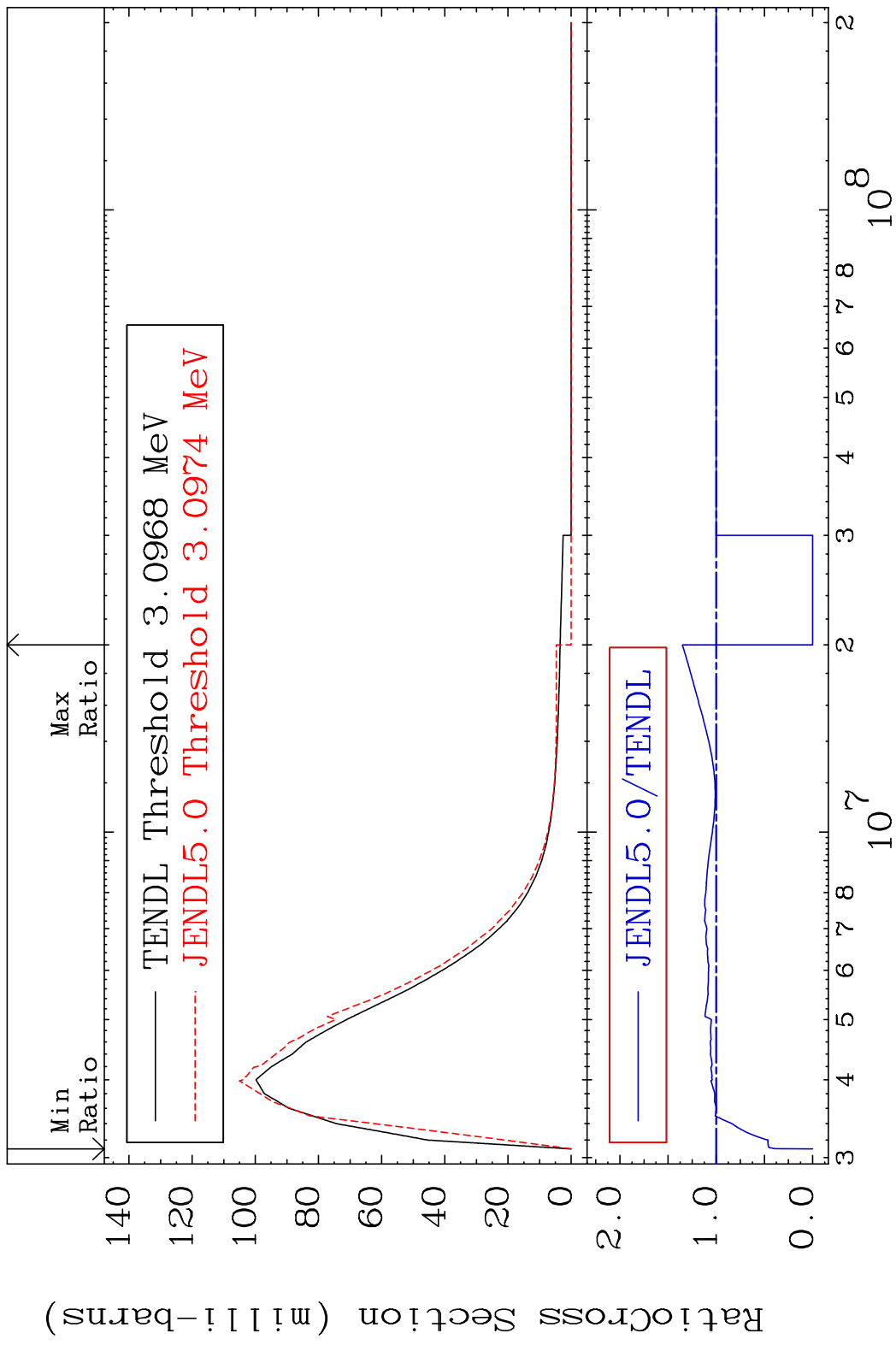
MAT 1925 MT= 51 (n, n') Level 19-K -39
 Cross Section -100.0 To 128.2 %



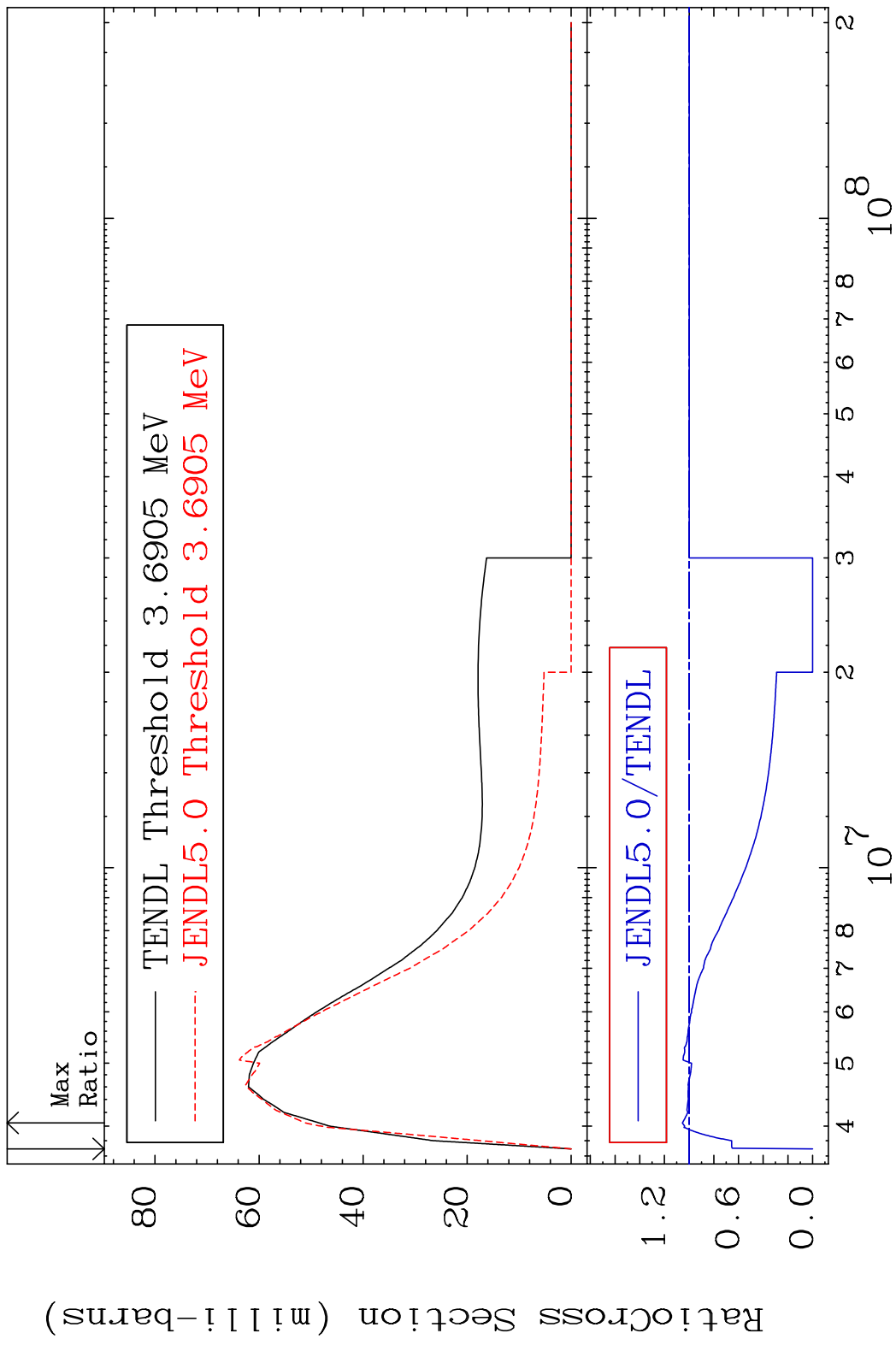
MAT 1925 MT= 52 (n,n') Level 19-K -39
 Cross Section -100.0 To 12.75 %



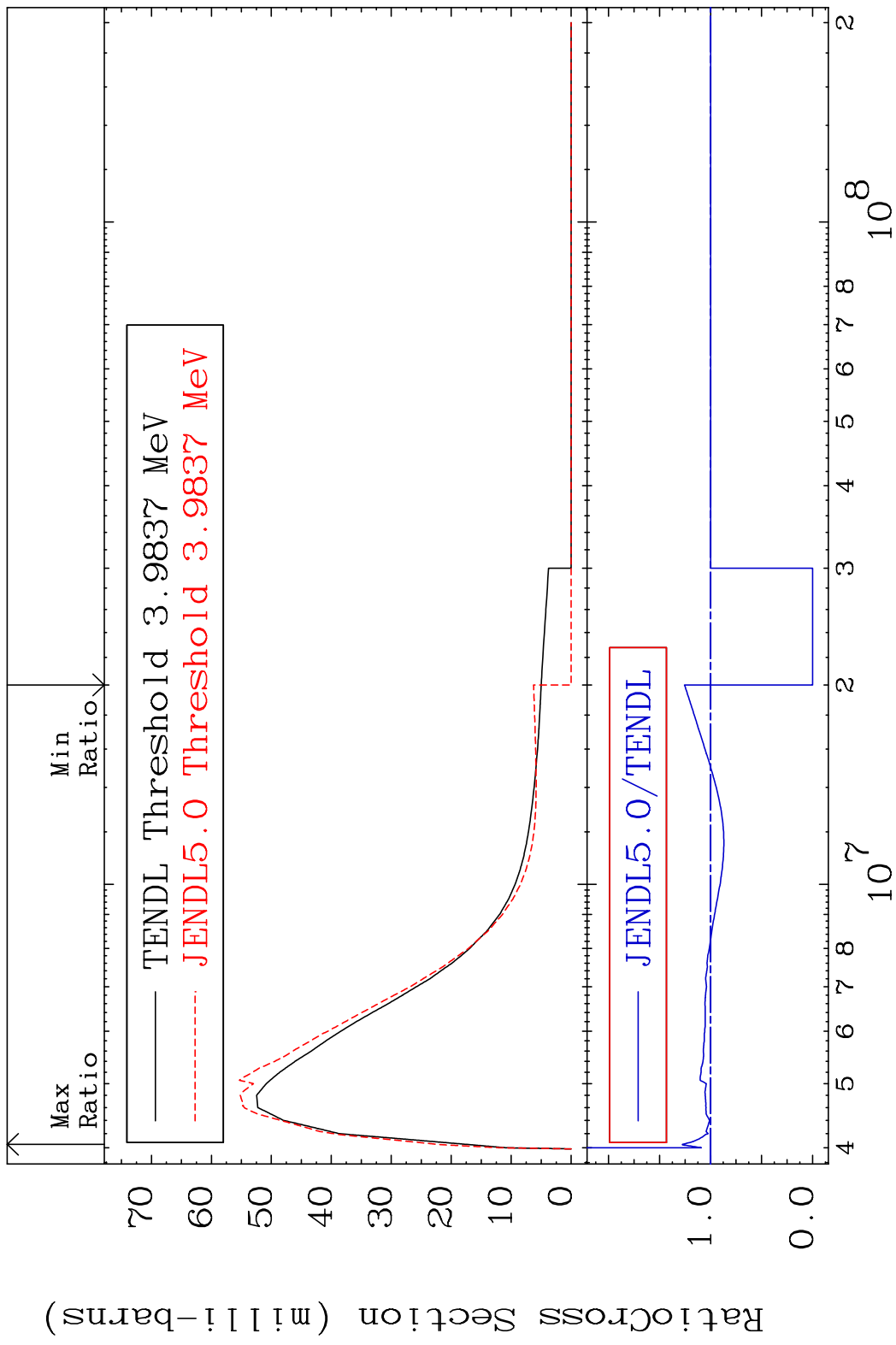
MAT 1925 MT= 53 (n, n') Level 19-K -39
 Cross Section -100.0 To 35.16 %



MAT 1925 MT= 54 (n,n') Level 19-K -39
 Cross Section -100.0 To 5.480 %

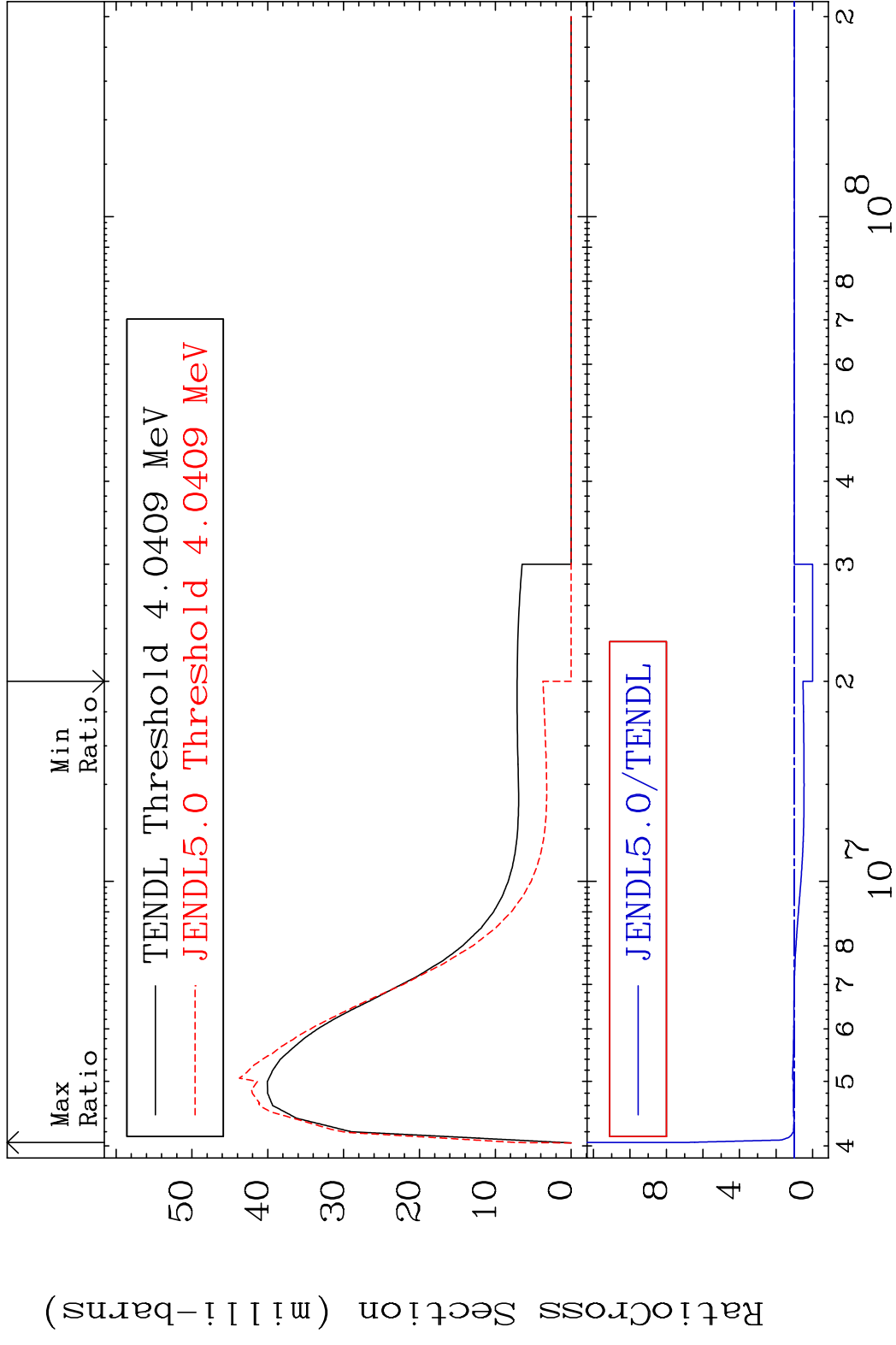


MAT 1925 MT= 55 (n,n') Level 19-K -39
 Cross Section -100.0 To 27.65 %



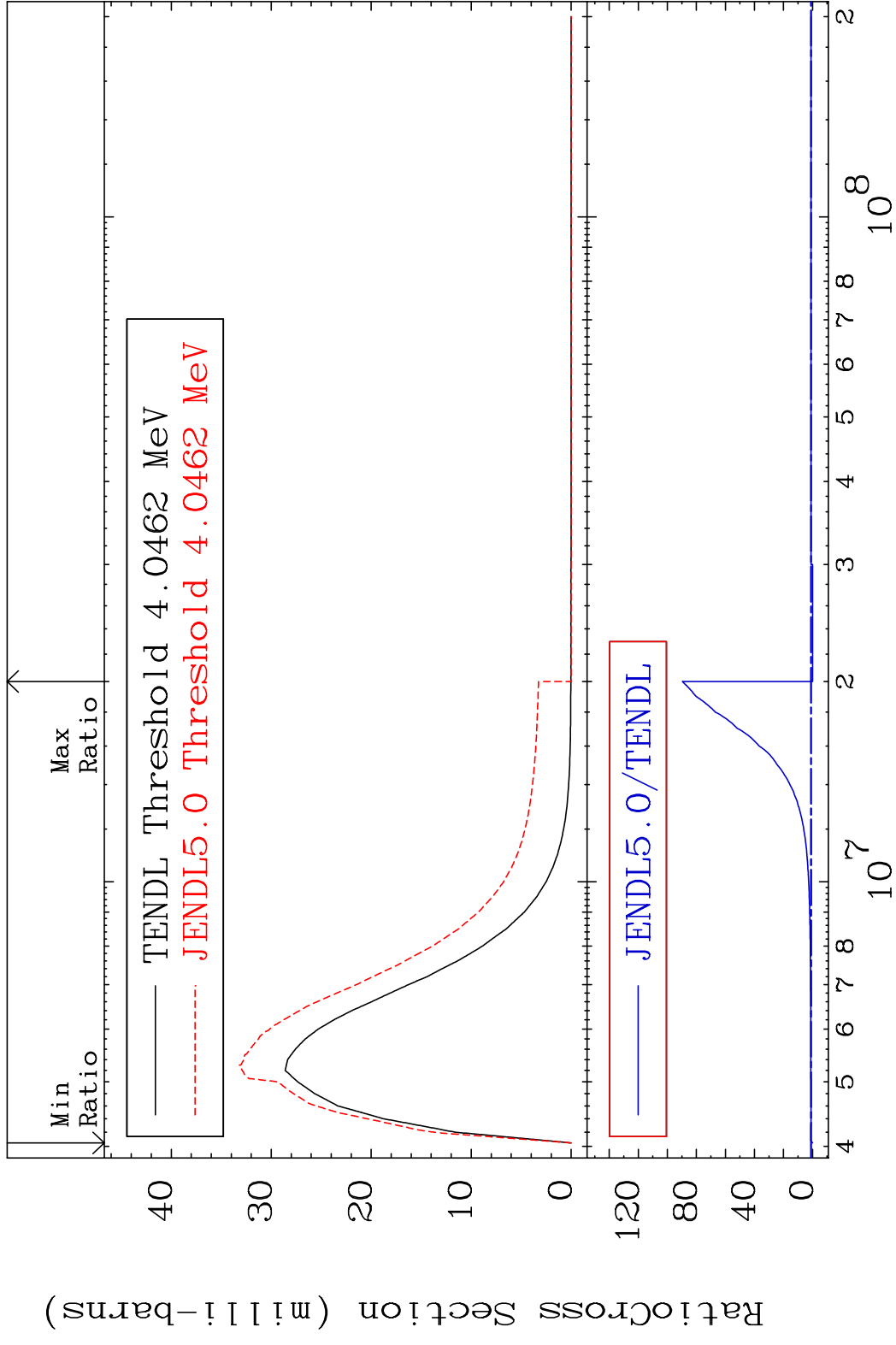
16 Incident Energy (eV) 19-K -39

MAT 1925 MT= 56 (n,n') Level 19-K -39
 Cross Section -100.0 To 612.7 %

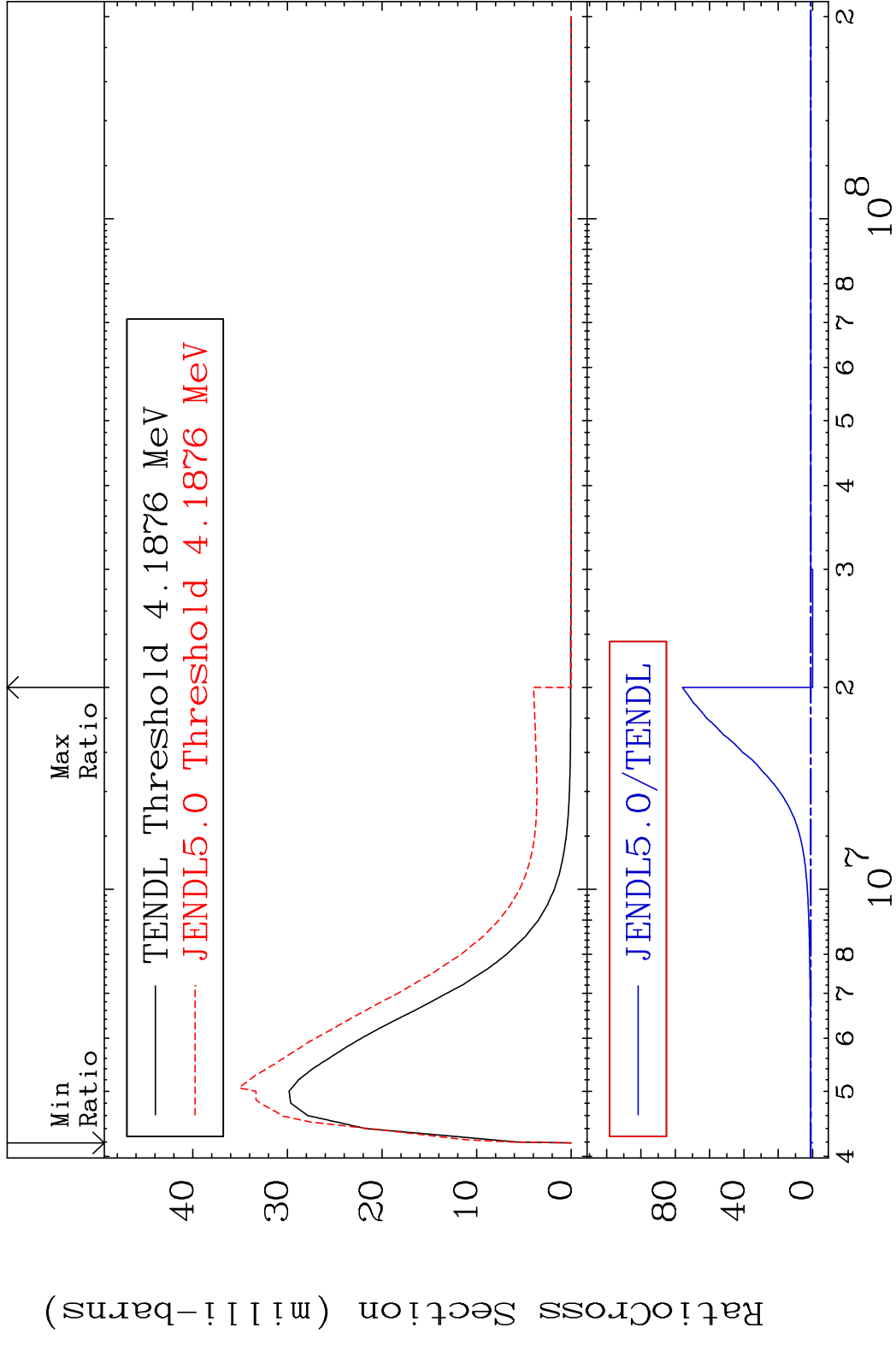


17 Incident Energy (eV) 19-K -39

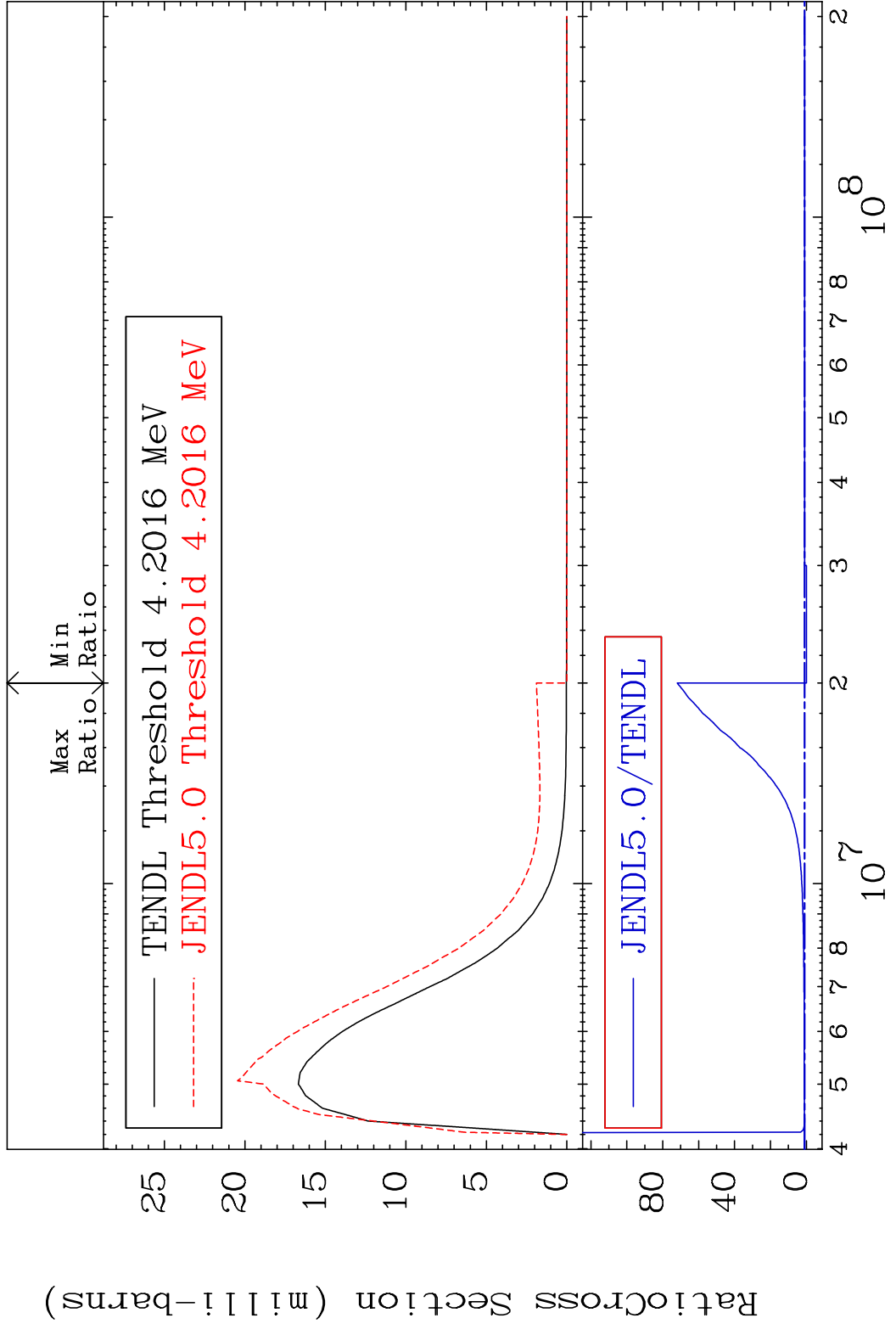
MAT 1925 MT= 57 (n, n') Level 19-K -39
 Cross Section -100.0 To 8866. %



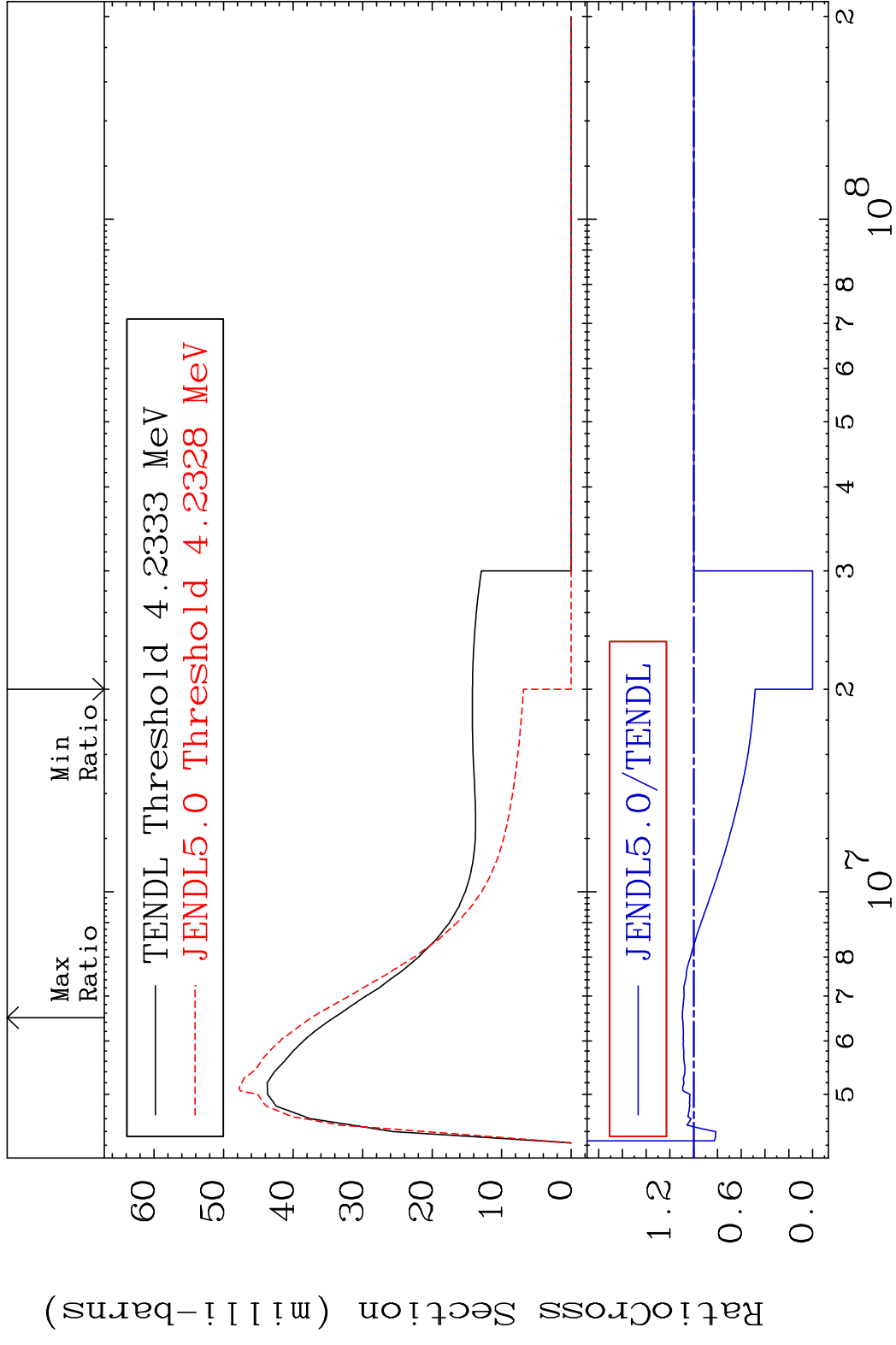
MAT 1925 MT= 58 (n, n') Level 19-K -39
 Cross Section -100.0 To 7489. %



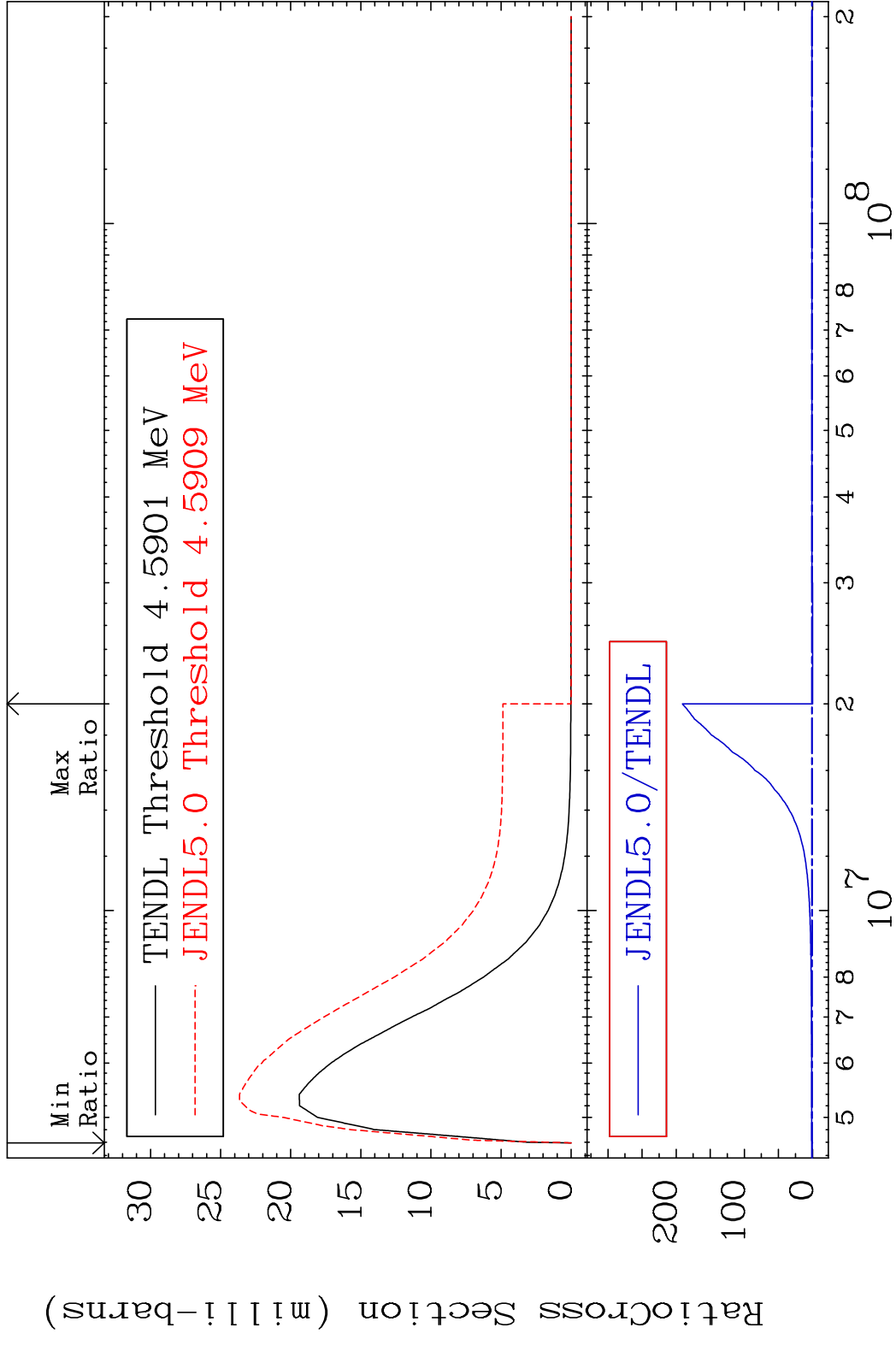
MAT 1925 MT= 59 (n, n') Level 19-K -39
 Cross Section -100.0 To 7095. %



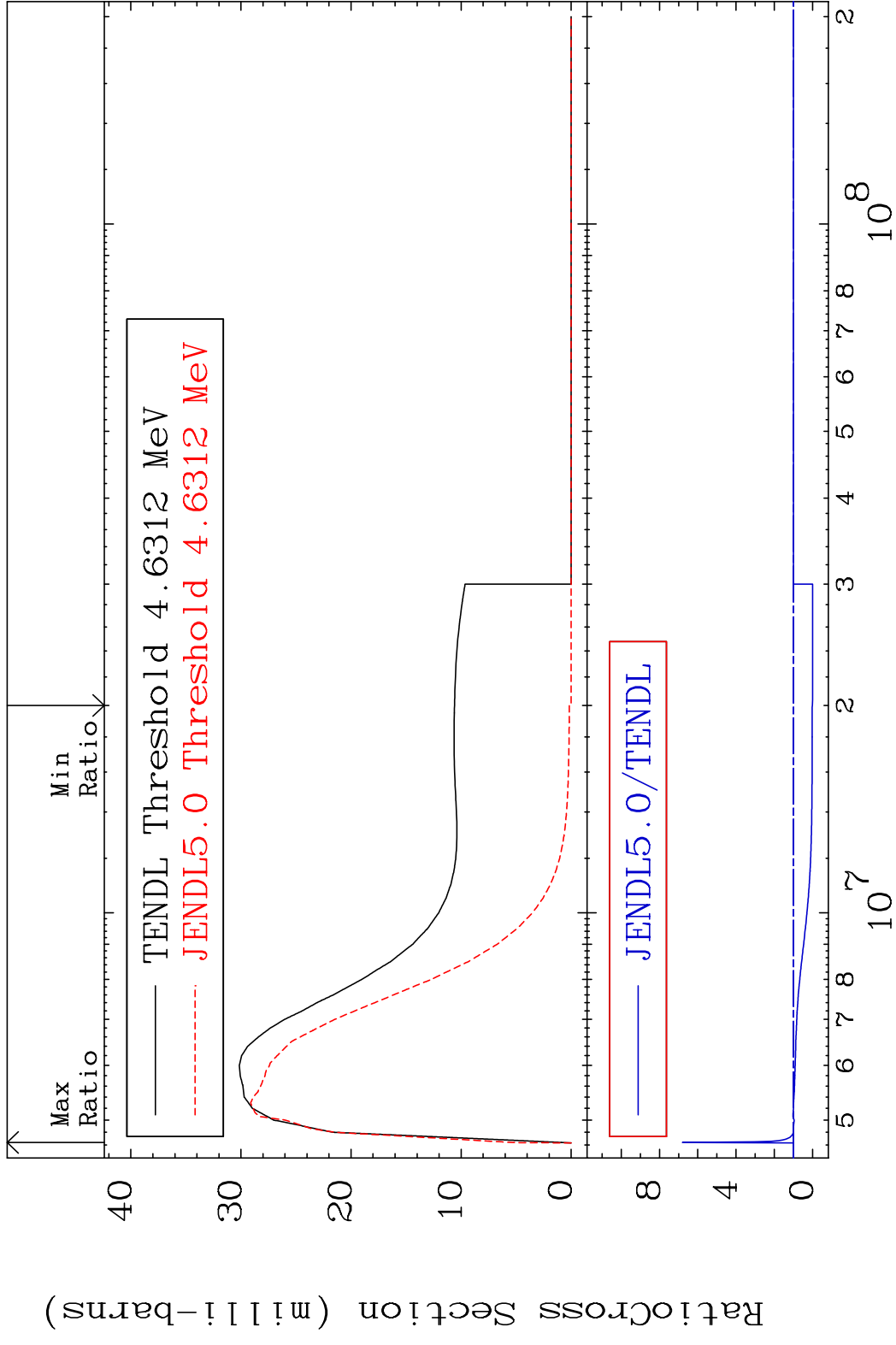
MAT 1925 MT= 60 (n, n') Level 19-K -39
 Cross Section -100.0 To 9.554 %



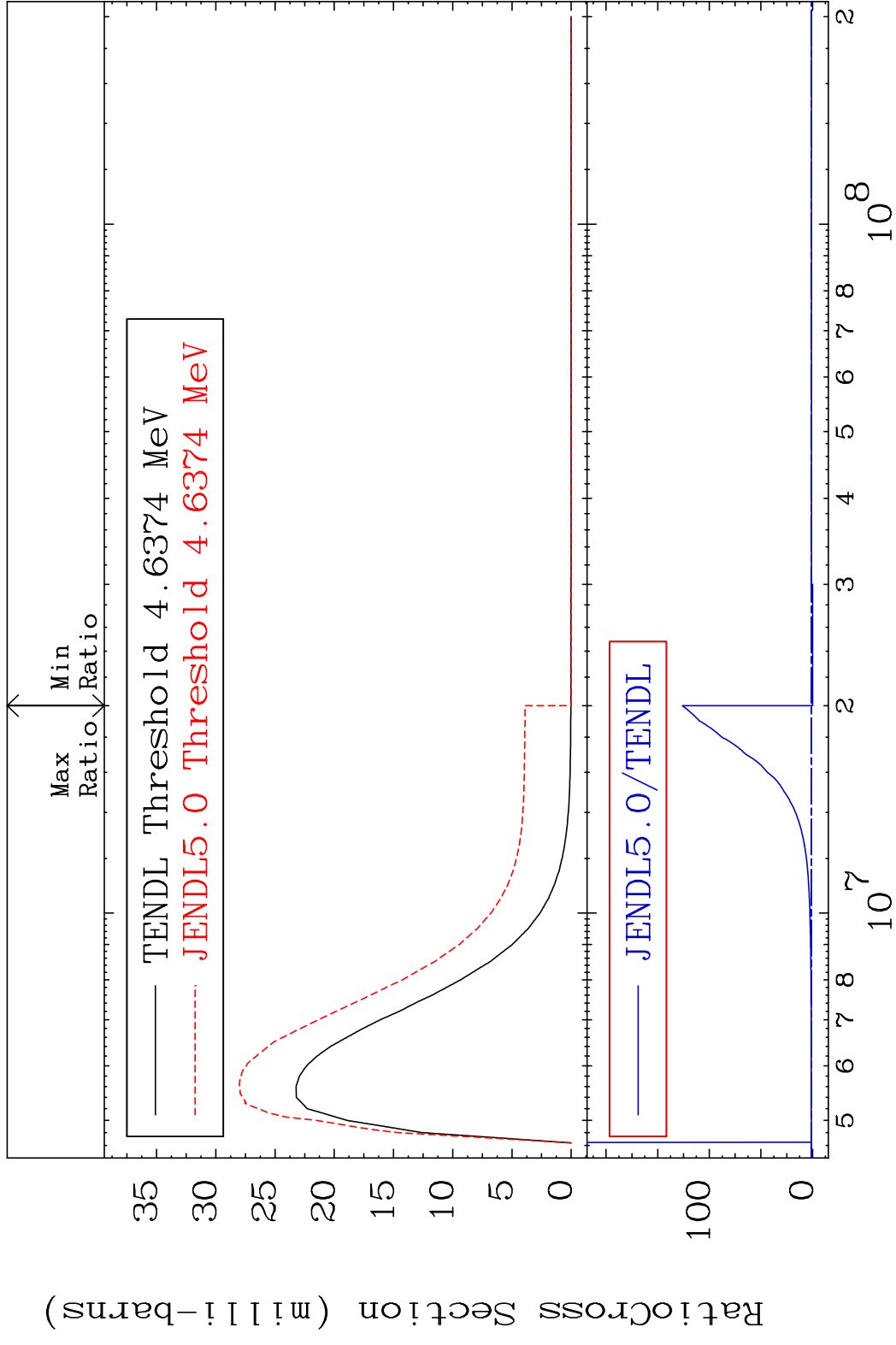
MAT 1925 MT= 61 (n, n') Level 19-K -39
 Cross Section -100.0 To 9999. %



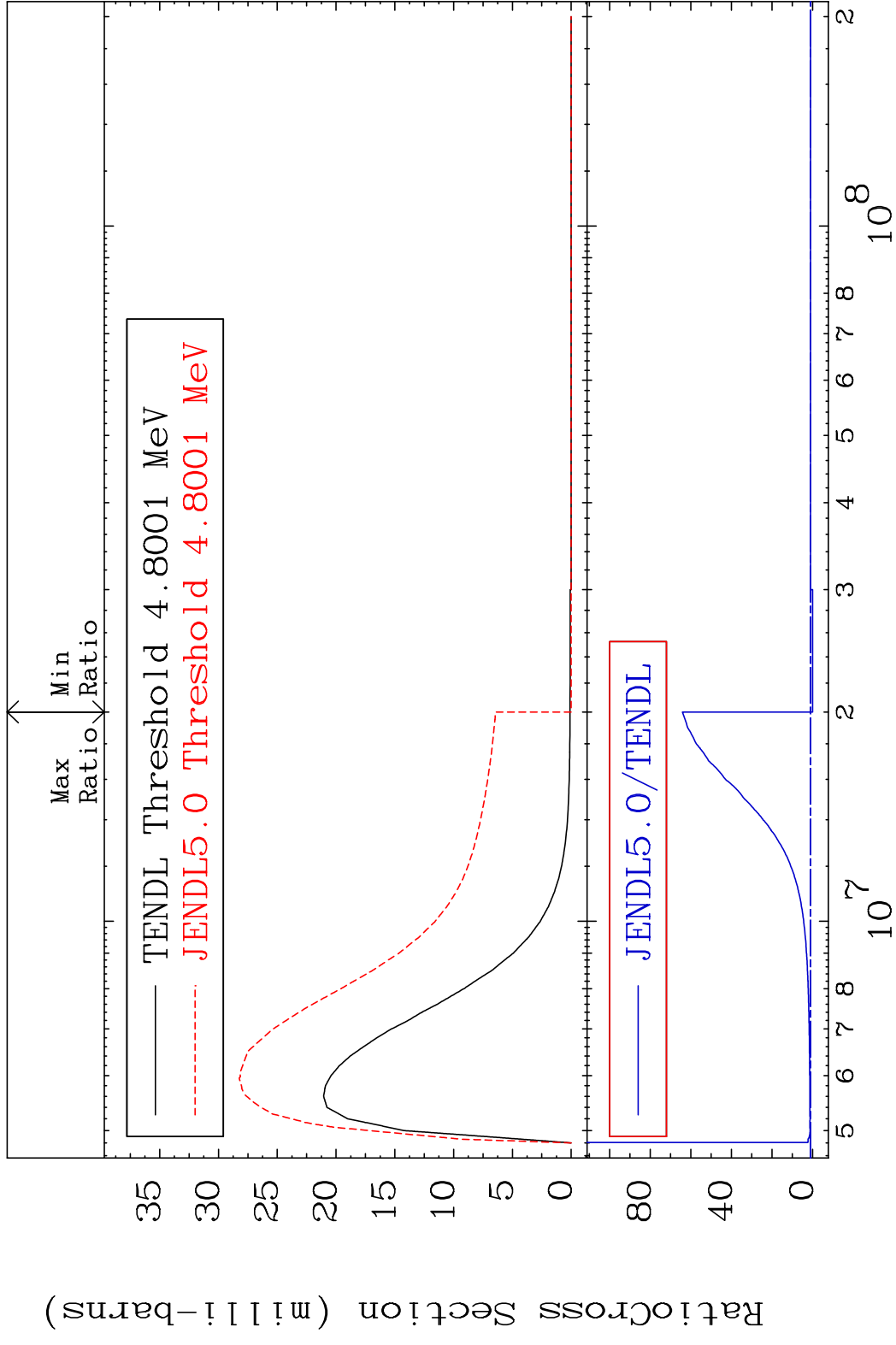
MAT 1925 MT= 62 (n, n') Level 19-K -39
 Cross Section -100.0 To 580.7 %



MAT 1925 MT= 63 (n, n') Level 19-K -39
 Cross Section -100.0 To 9999. %

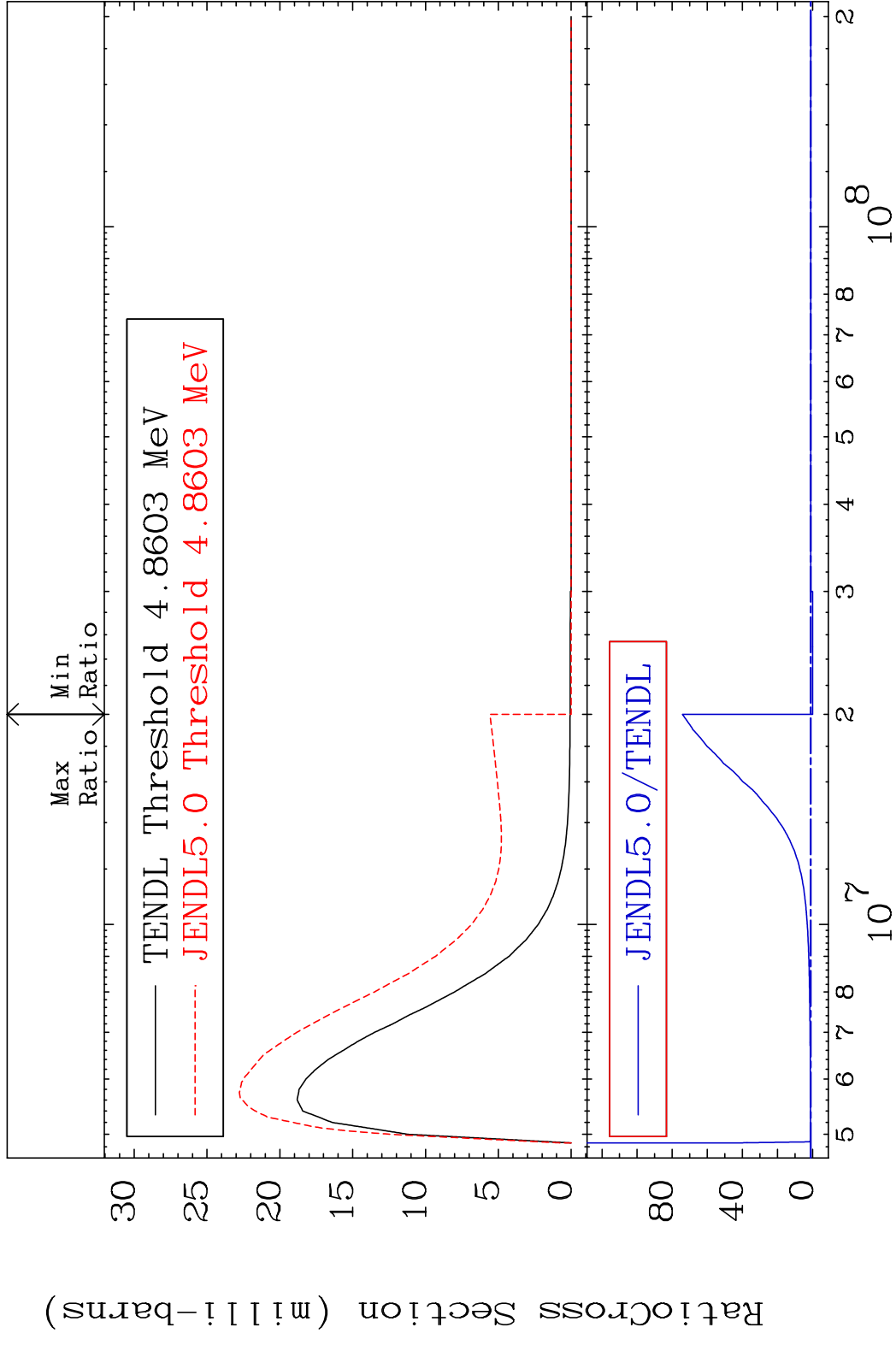


MAT 1925 MT= 64 (n,n') Level 19-K -39
 Cross Section -100.0 To 6315. %

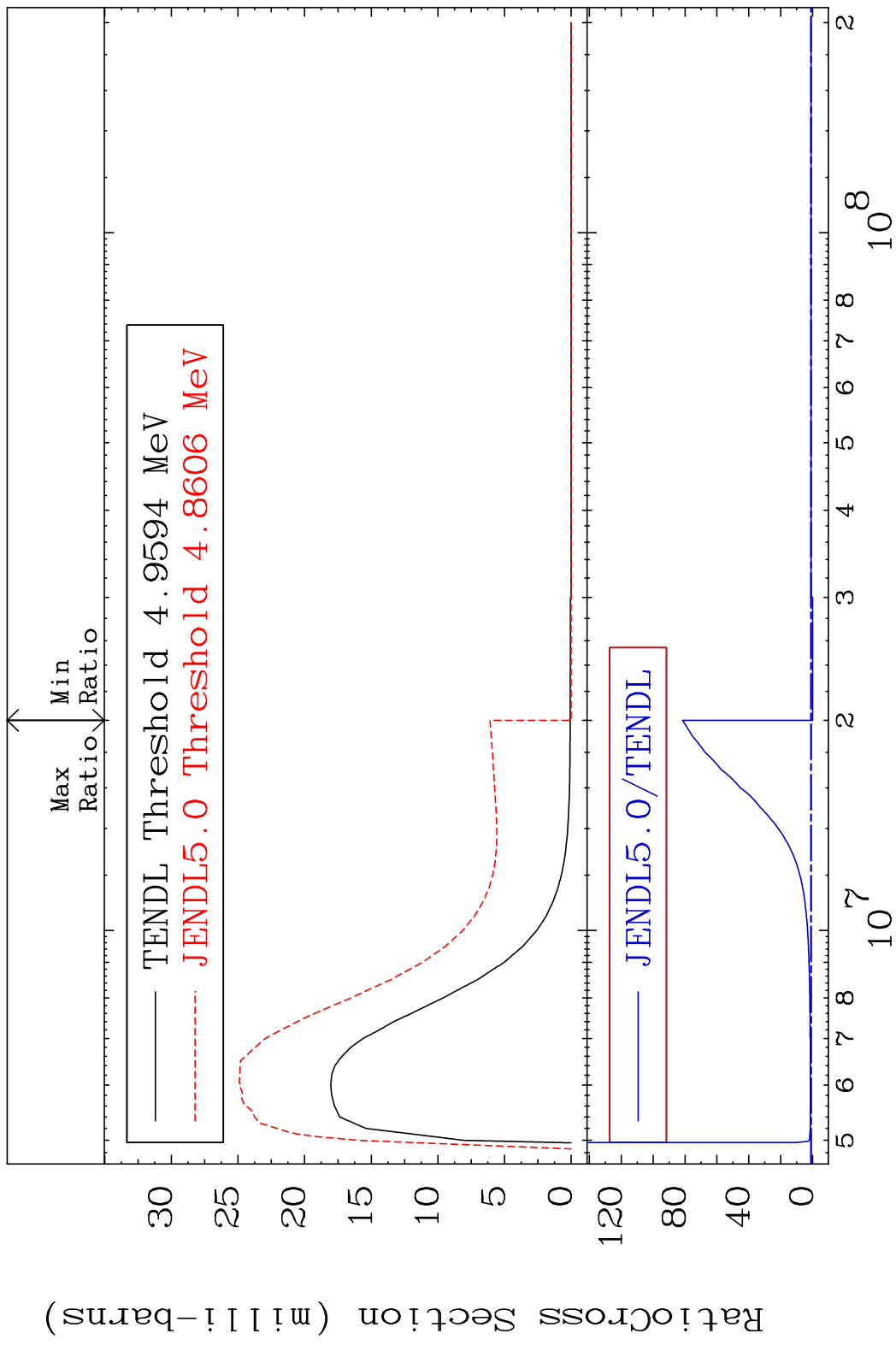


25 Incident Energy (eV) 19-K -39

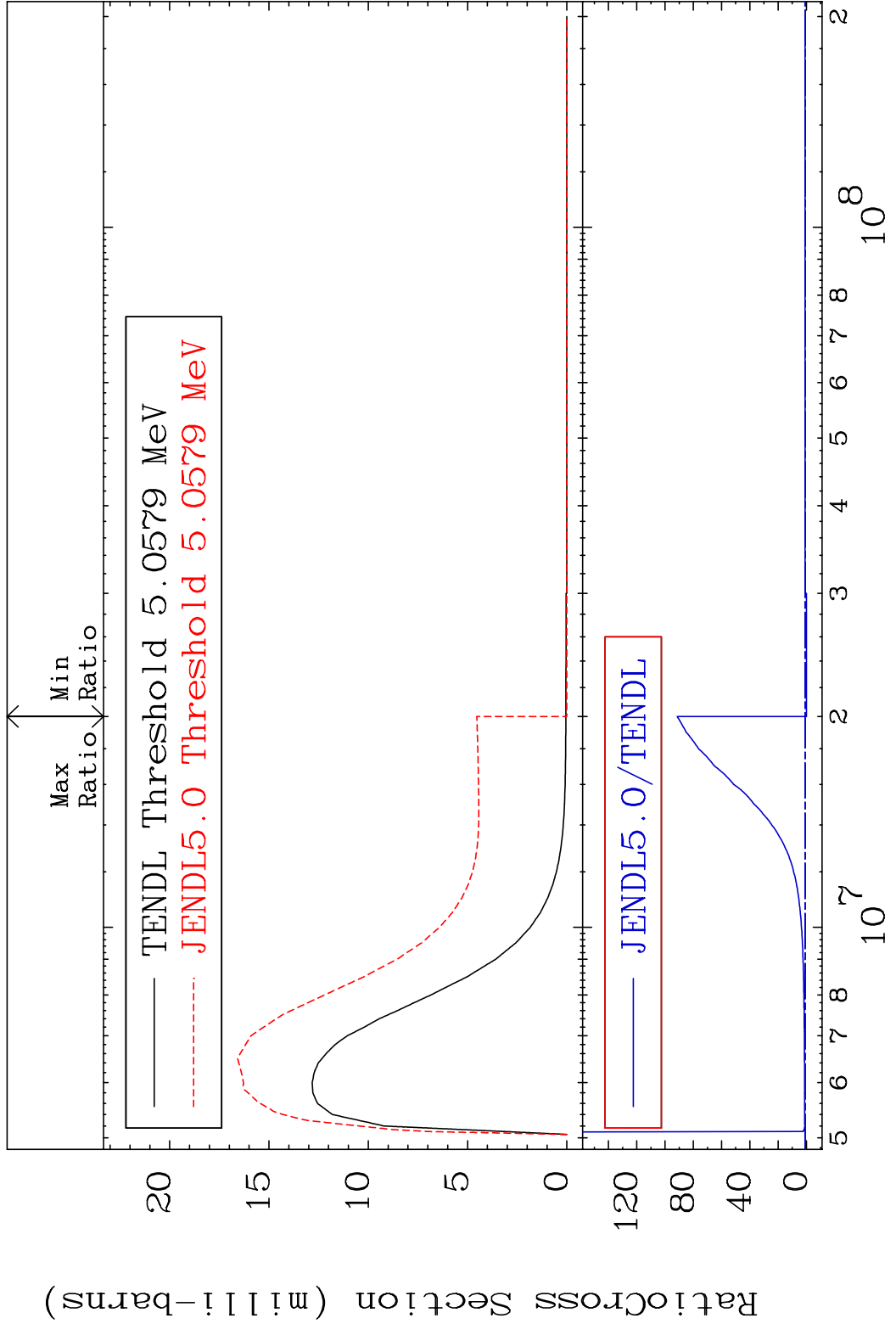
MAT 1925 MT= 65 (n,n') Level 19-K -39
 Cross Section -100.0 To 7321. %



MAT 1925 MT= 66 (n, n') Level 19-K -39
 Cross Section -100.0 To 8069. %

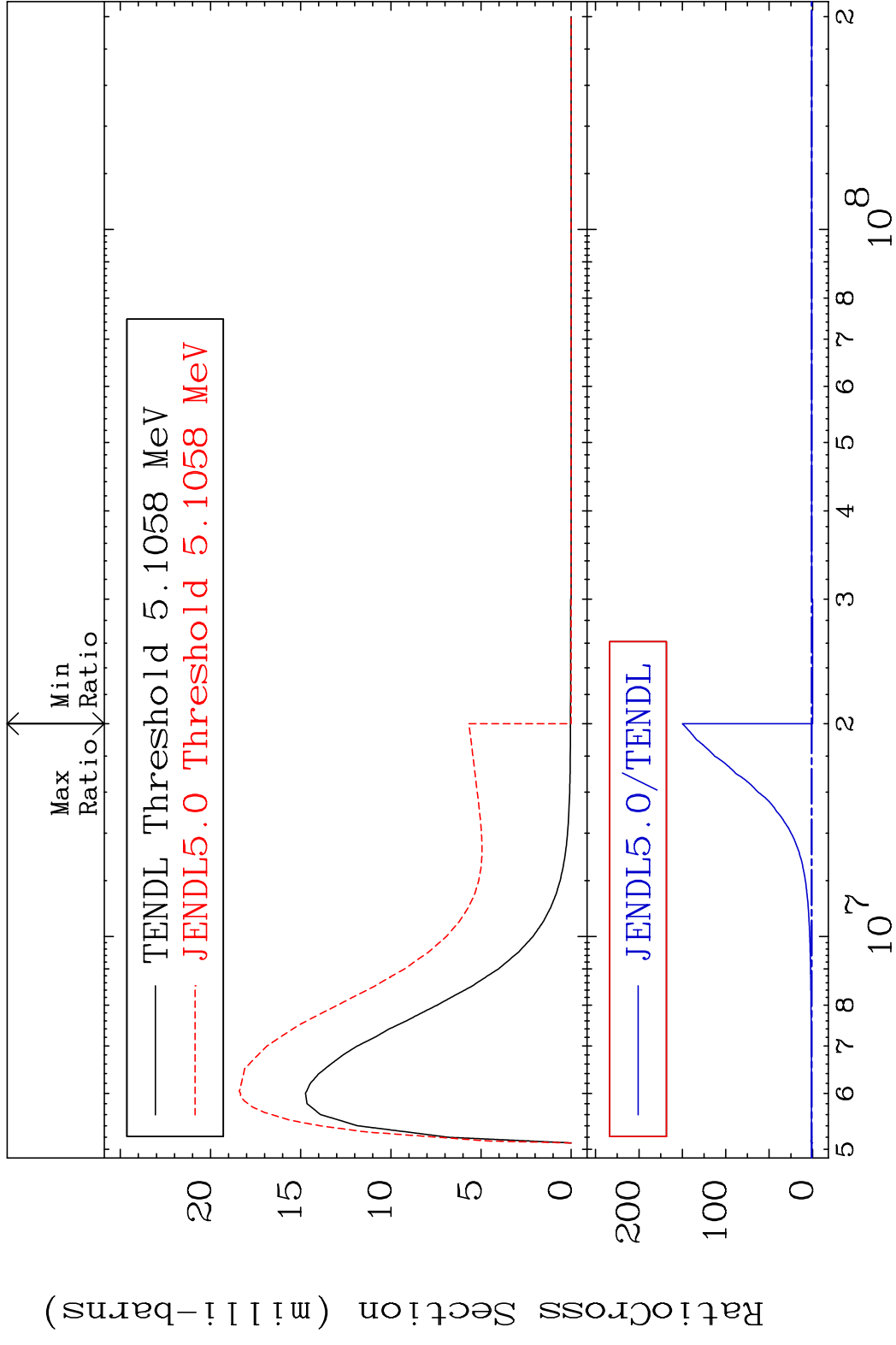


MAT 1925 MT= 67 (n,n') Level 19-K -39
 Cross Section -100.0 To 9040. %

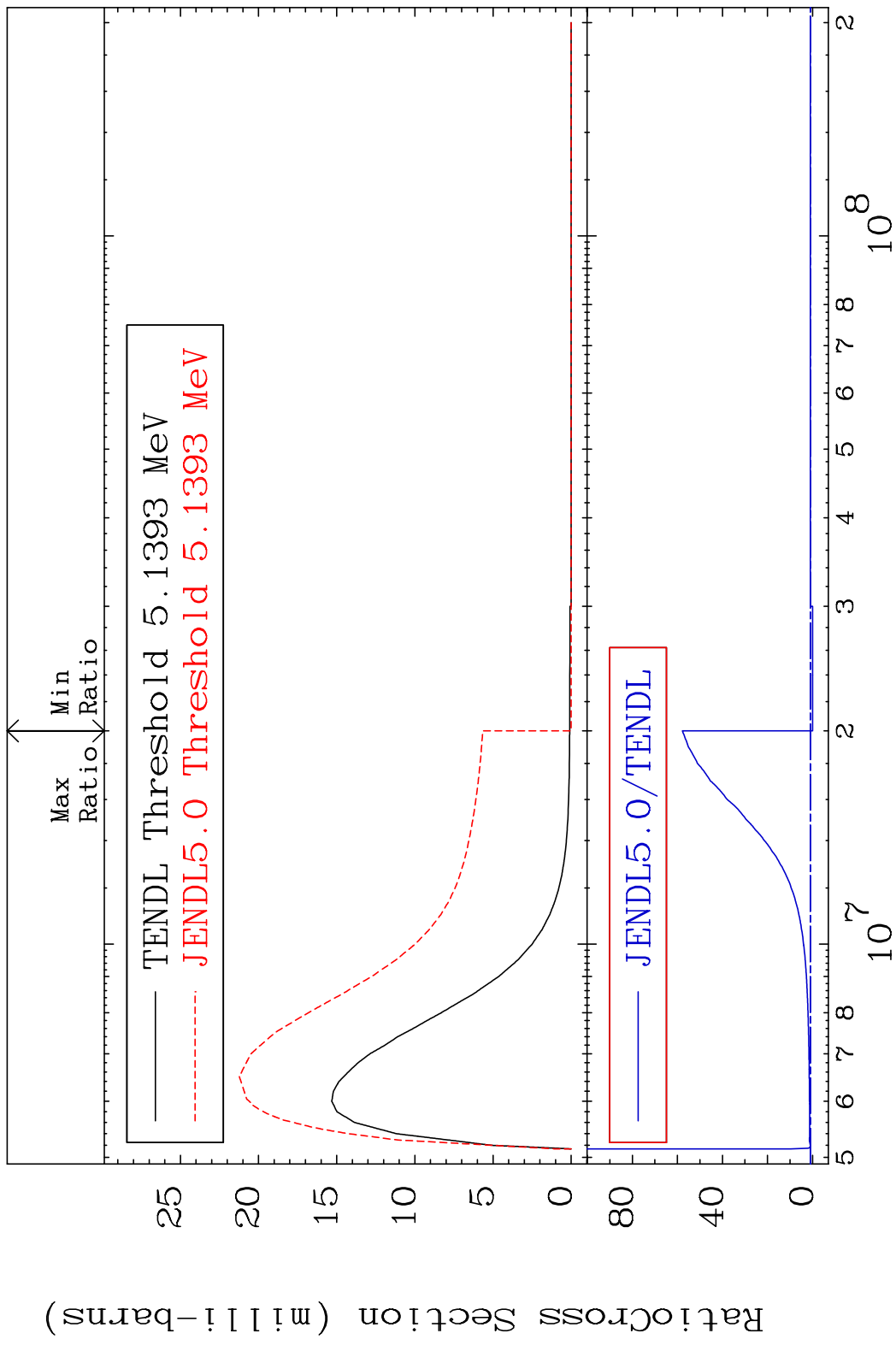


28 Incident Energy (eV) 19-K -39

MAT 1925 MT= 68 (n, n') Level 19-K -39
 Cross Section -100.0 To 9999. %

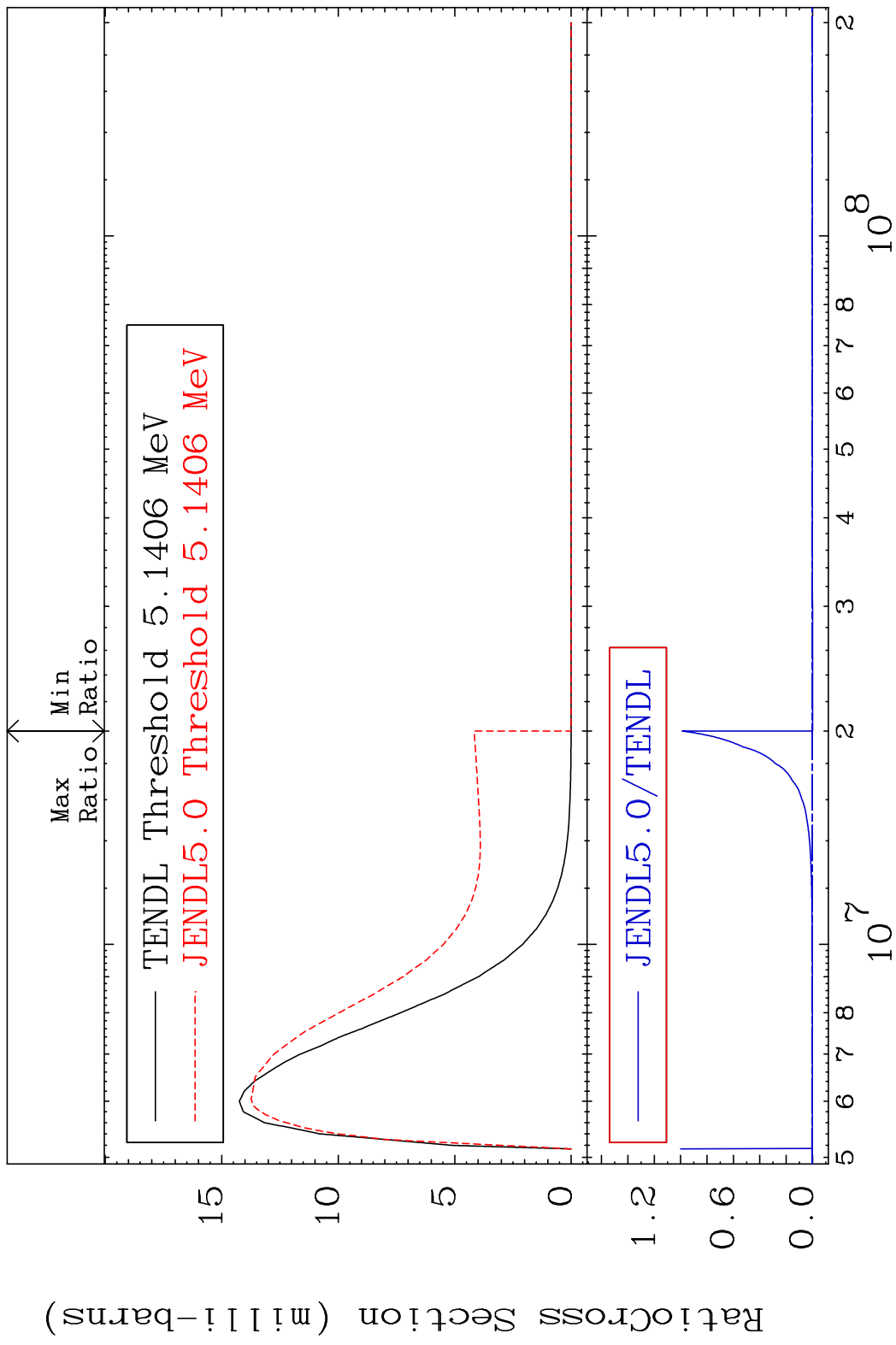


MAT 1925 MT= 69 (n, n') Level 19-K -39
 Cross Section -100.0 To 5681. %

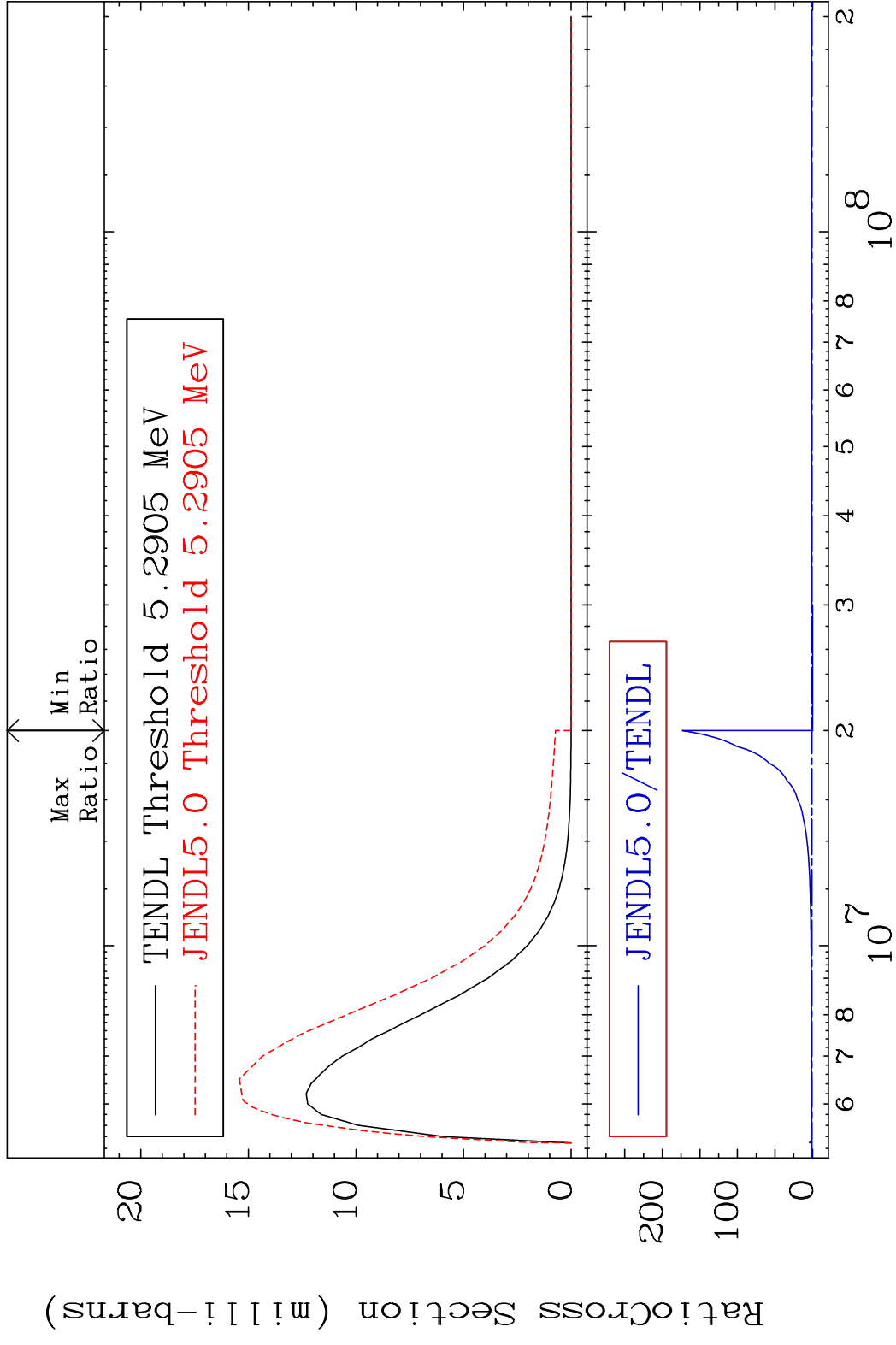


30 Incident Energy (eV) 19-K -39

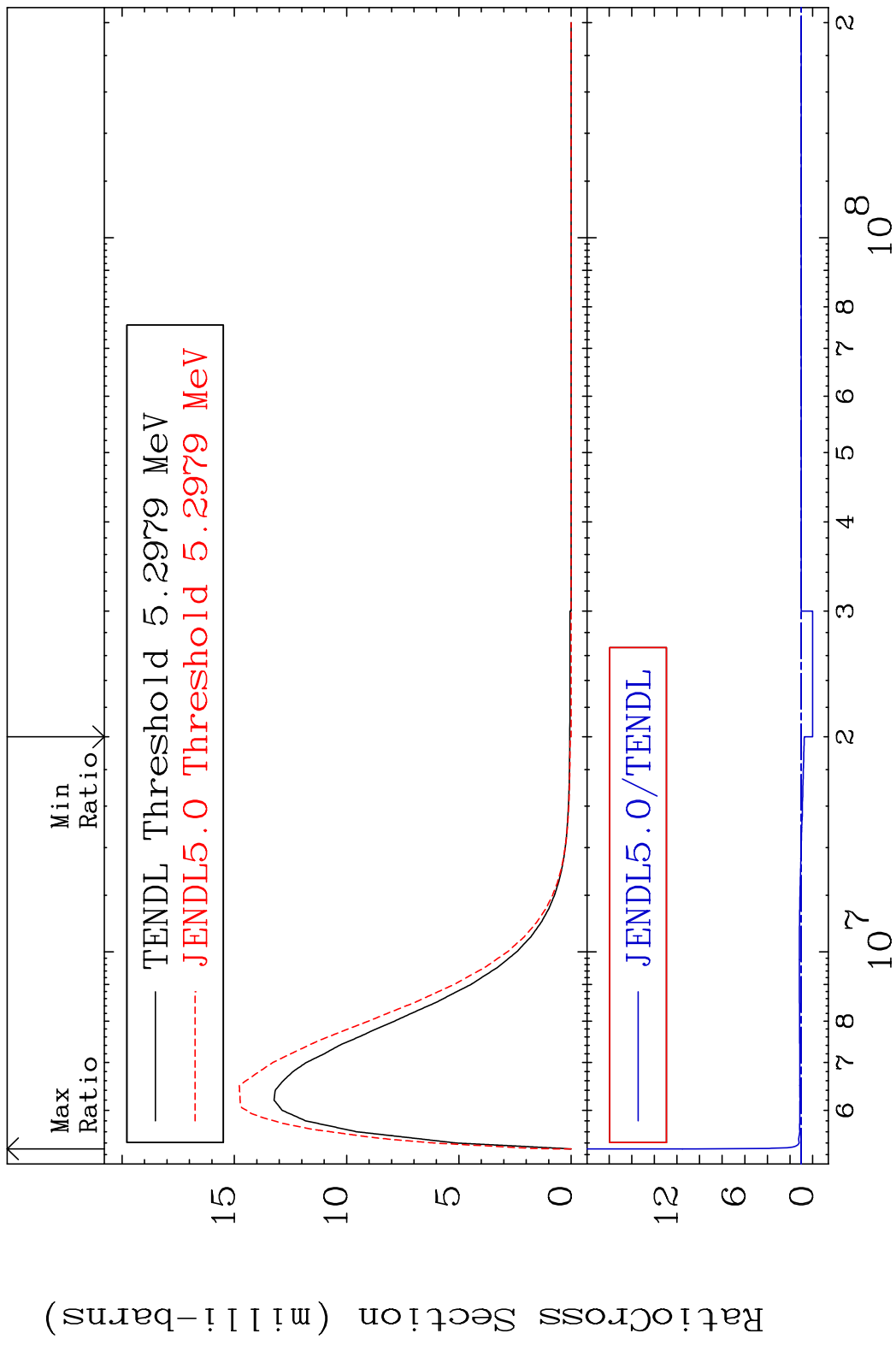
MAT 1925 MT= 70 (n,n') Level 19-K -39
 Cross Section -100.0 To 9999. %



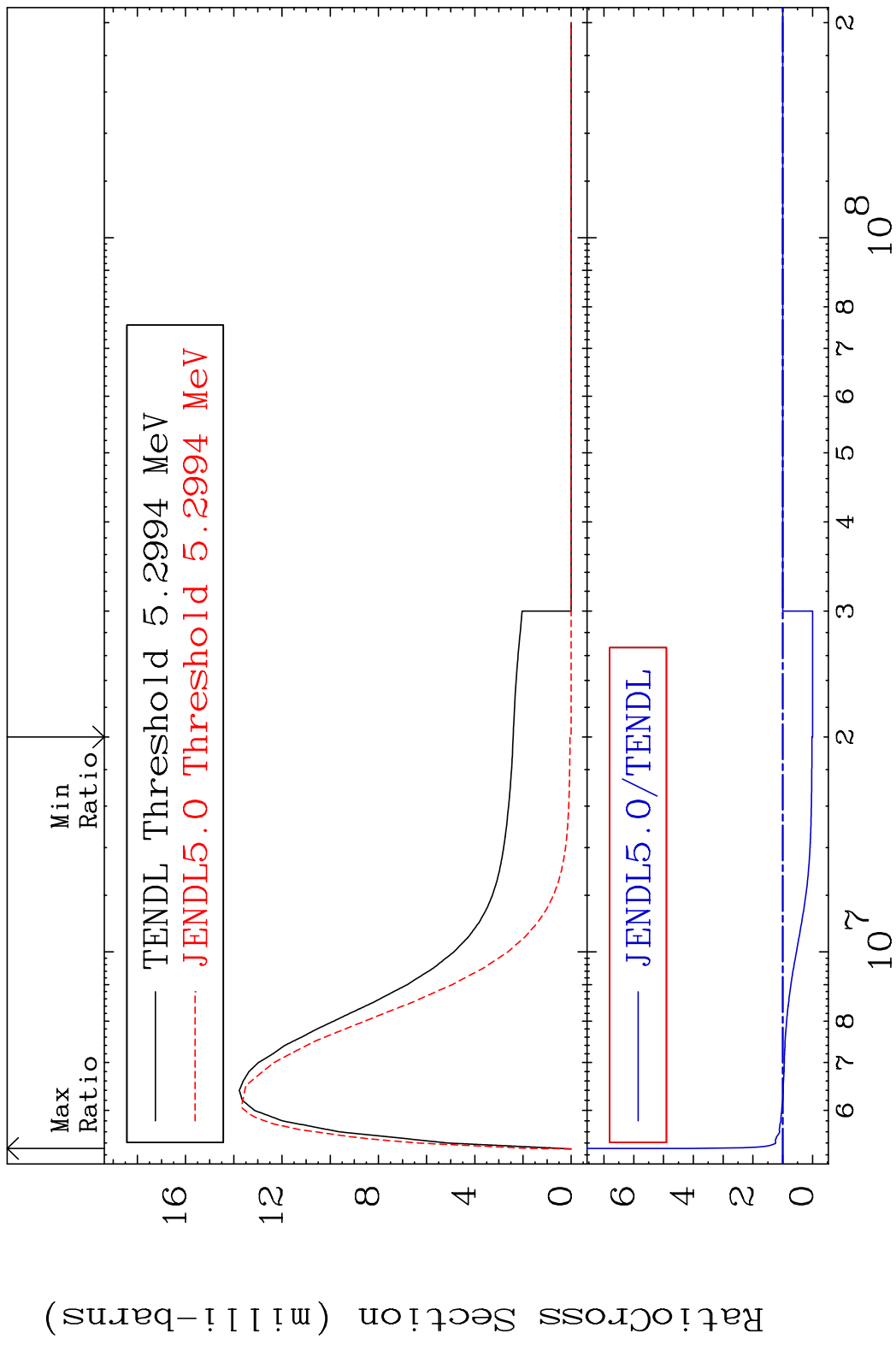
MAT 1925 MT= 71 (n,n') Level 19-K -39
 Cross Section -100.0 To 9999. %



MAT 1925 MT= 72 (n,n') Level 19-K -39
 Cross Section -100.0 To 1052. %

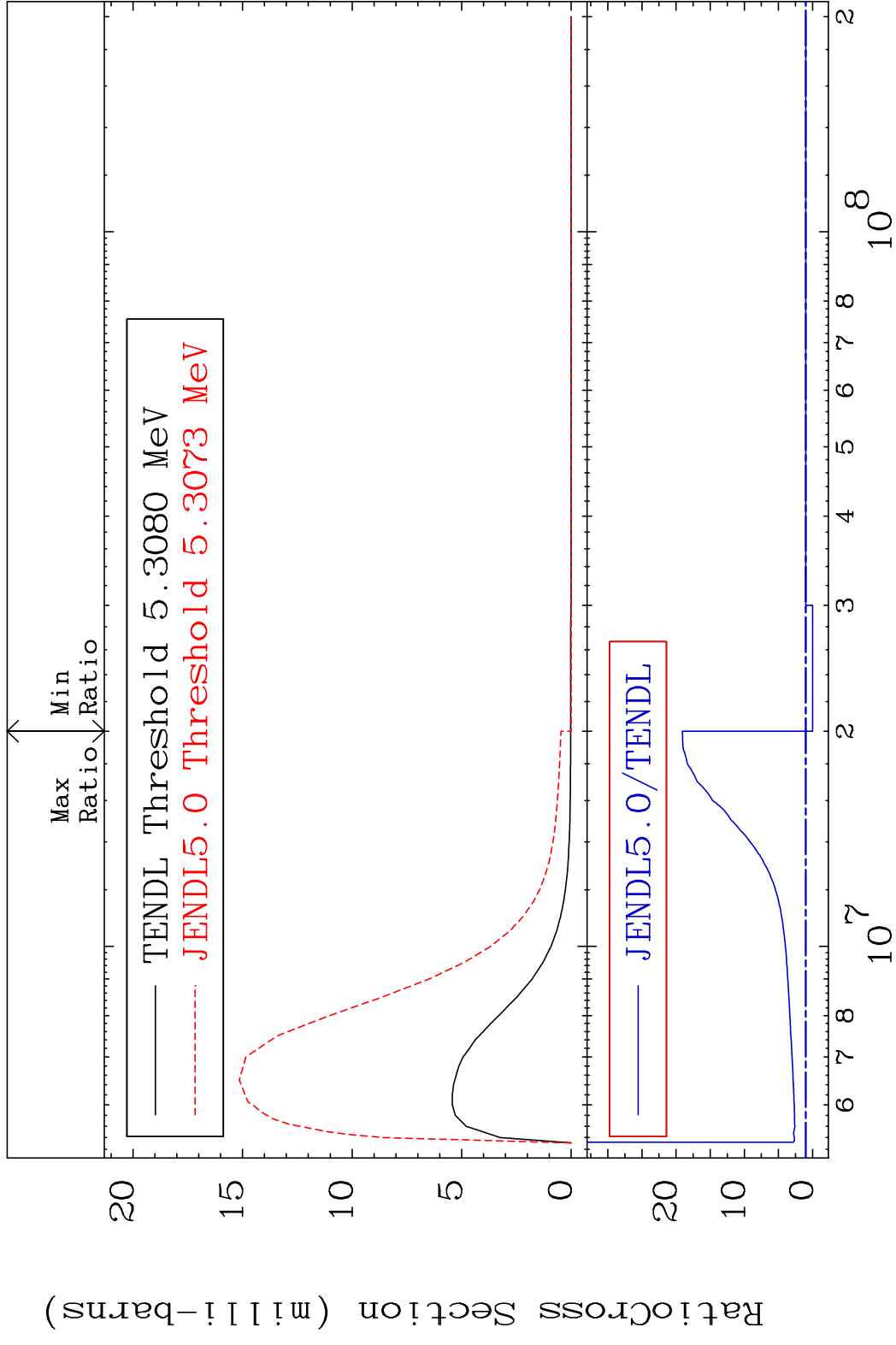


MAT 1925 MT= 73 (n, n') Level 19-K -39
 Cross Section -100.0 To 336.8 %



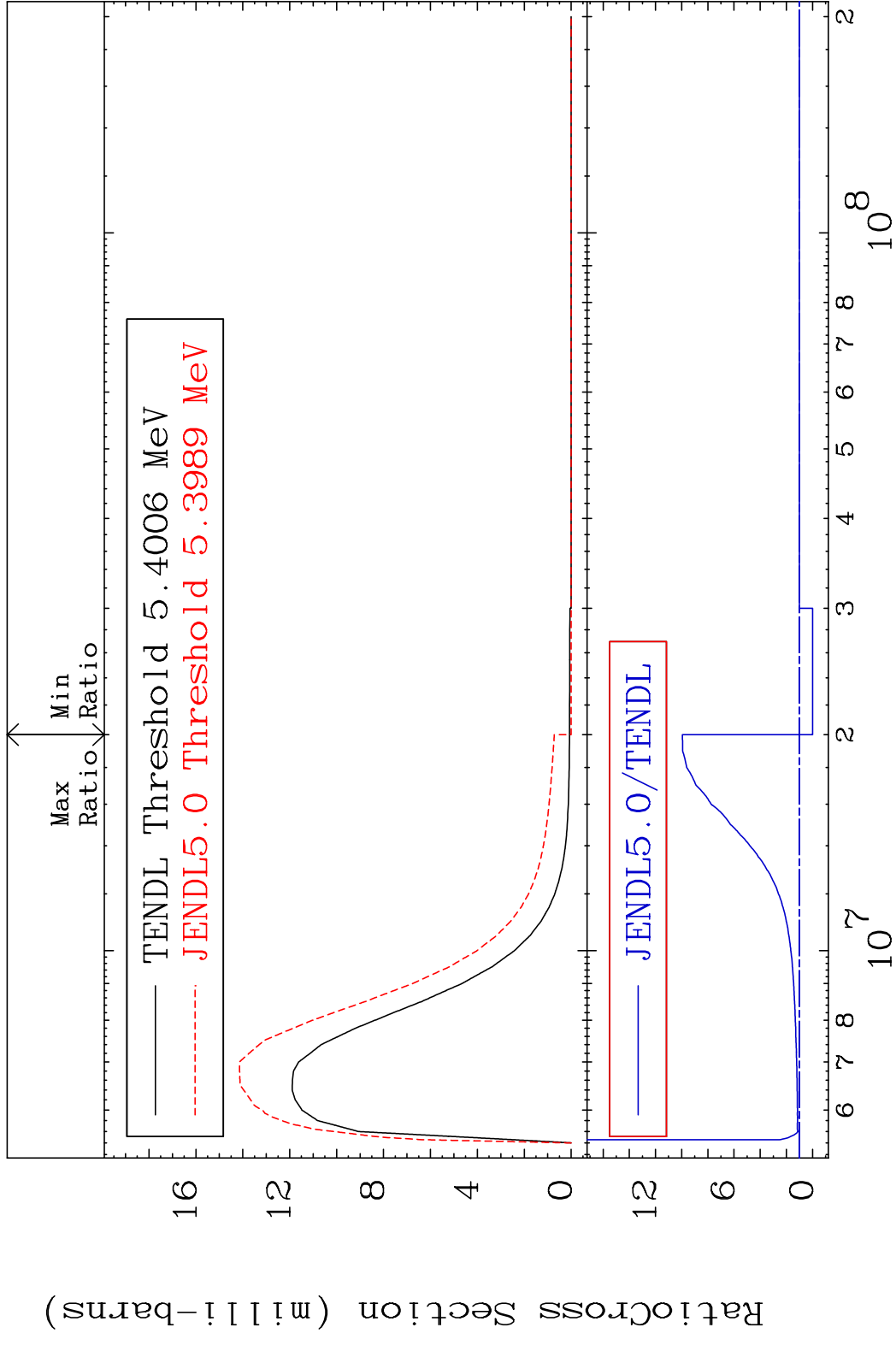
34 Incident Energy (eV) 19-K -39

MAT 1925 MT= 74 (n,n') Level 19-K -39
 Cross Section -100.0 To 1808. %

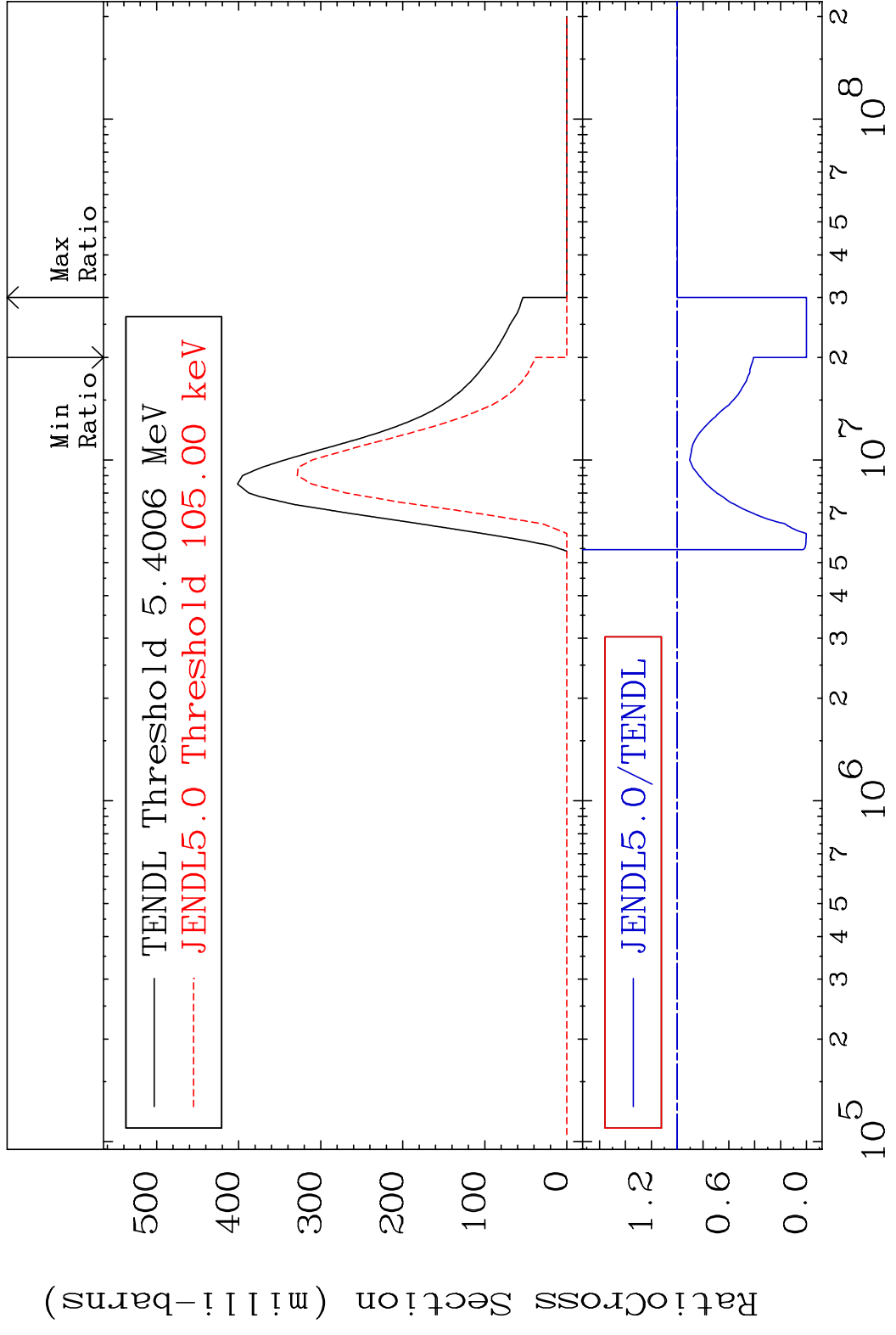


35 19-K -39

MAT 1925 MT= 75 (n,n') Level 19-K -39
 Cross Section -100.0 To 894.8 %



MAT 1925 (n, n') Continuum 19-K -39
 Cross Section -100.0 To 0.000 %

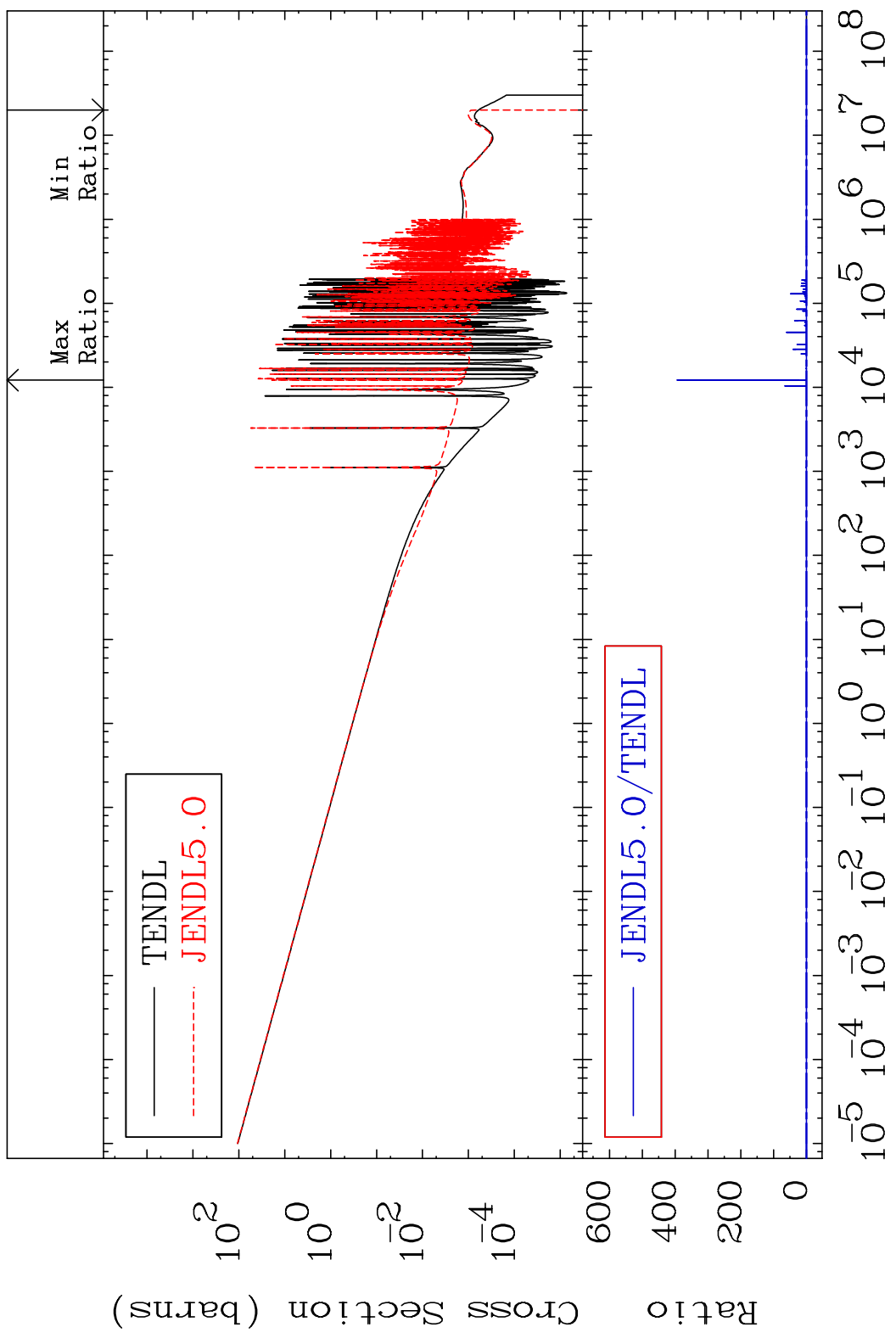


MAT 1925

(n, γ)

19-K -39

Cross Section -100.0 To 9999. %



38

Incident Energy (eV)

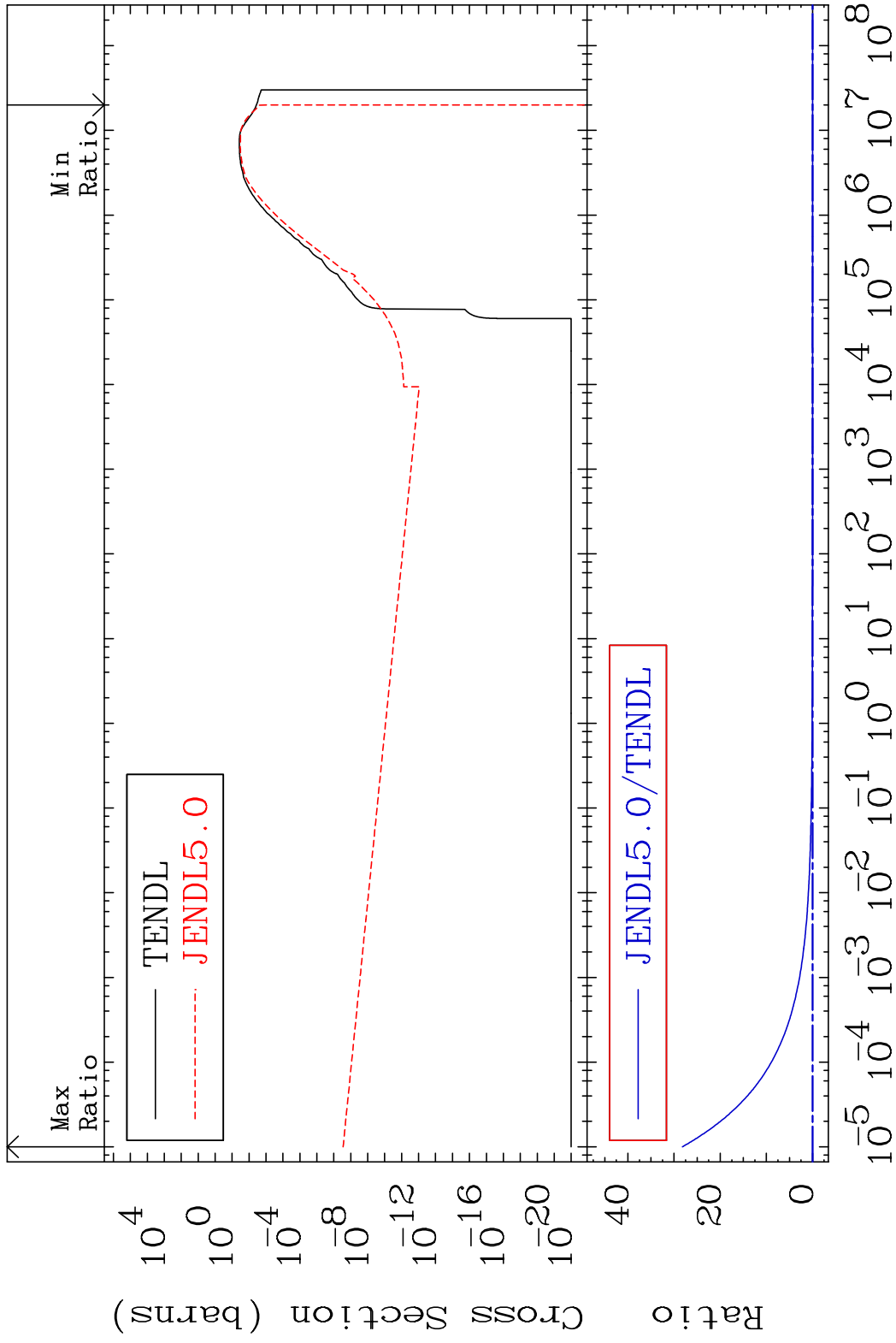
19-K -39

MAT 1925

(n,p)

19-K -39

Cross Section -100.0 To 9999. %

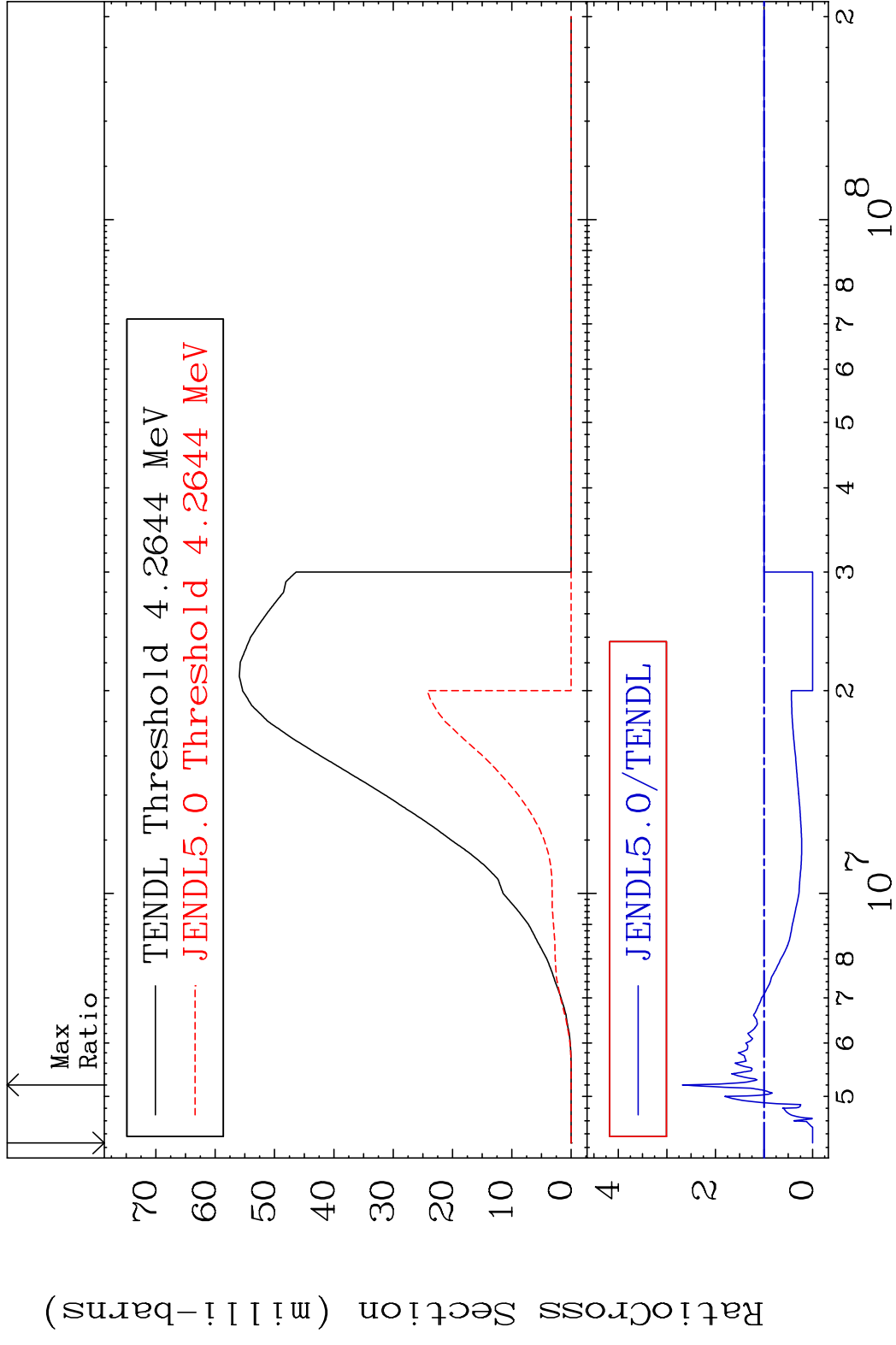


39

Incident Energy (eV)

19-K -39

MAT 1925 (n,d) 19-K -39
 Cross Section -100.0 To 168.0 %



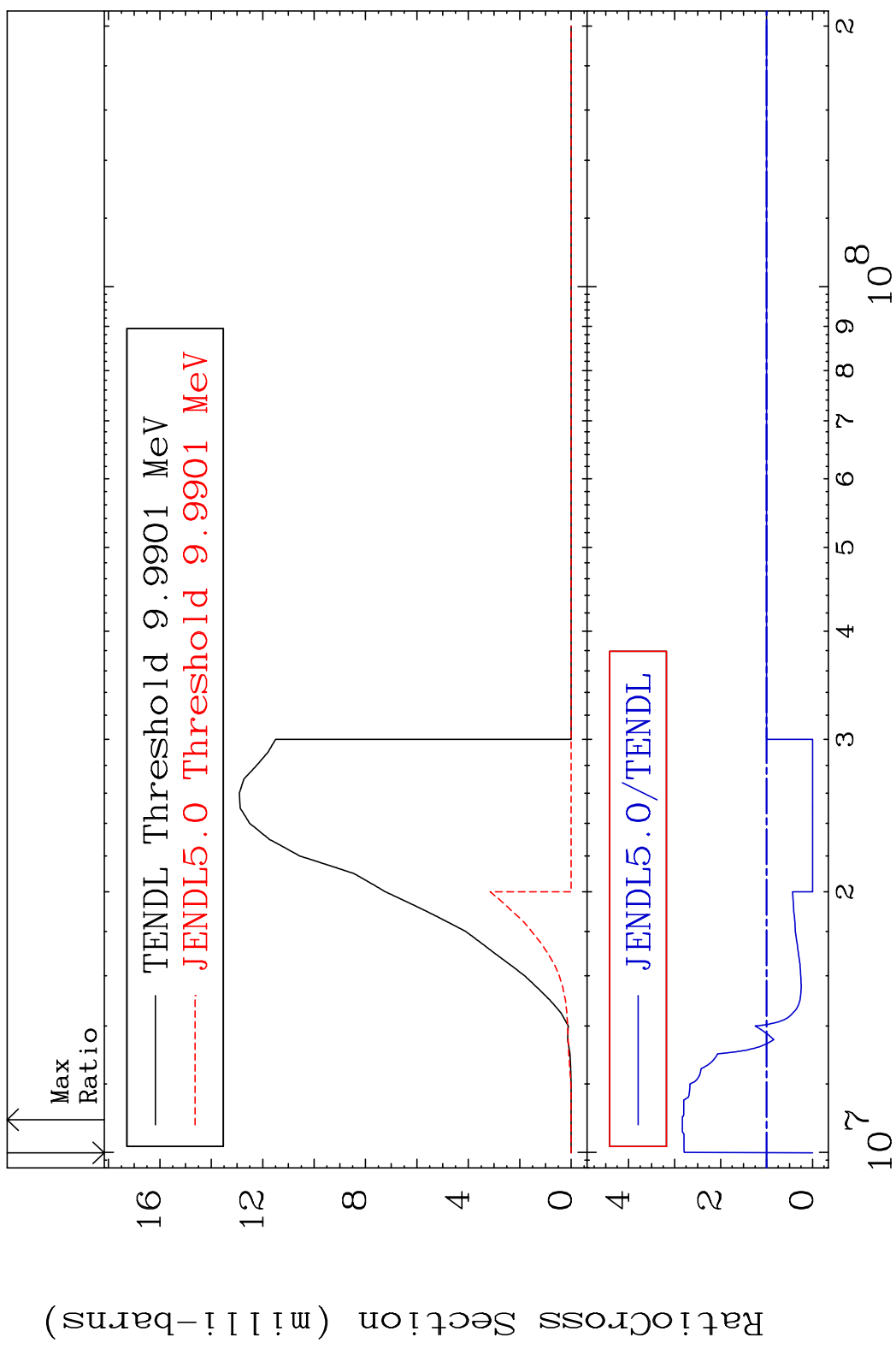
40 Incident Energy (eV) 19-K -39

MAT 1925

(n, t)

19-K -39

Cross Section -100.0 To 183.2 %



41

Incident Energy (eV)

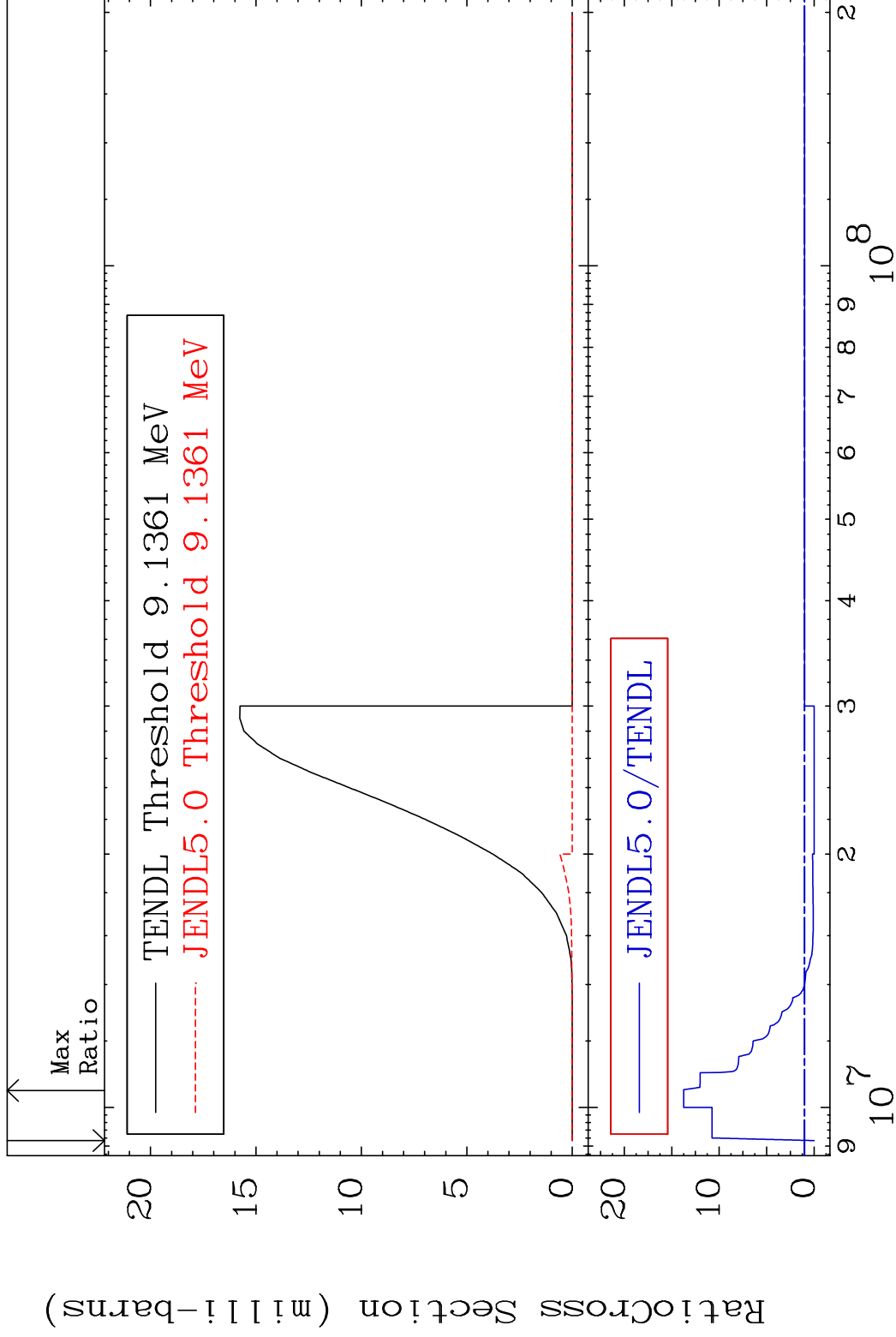
19-K -39

MAT 1925

(n, He-3)

19-K -39

Cross Section -100.0 To 1274. %



42

Incident Energy (eV)

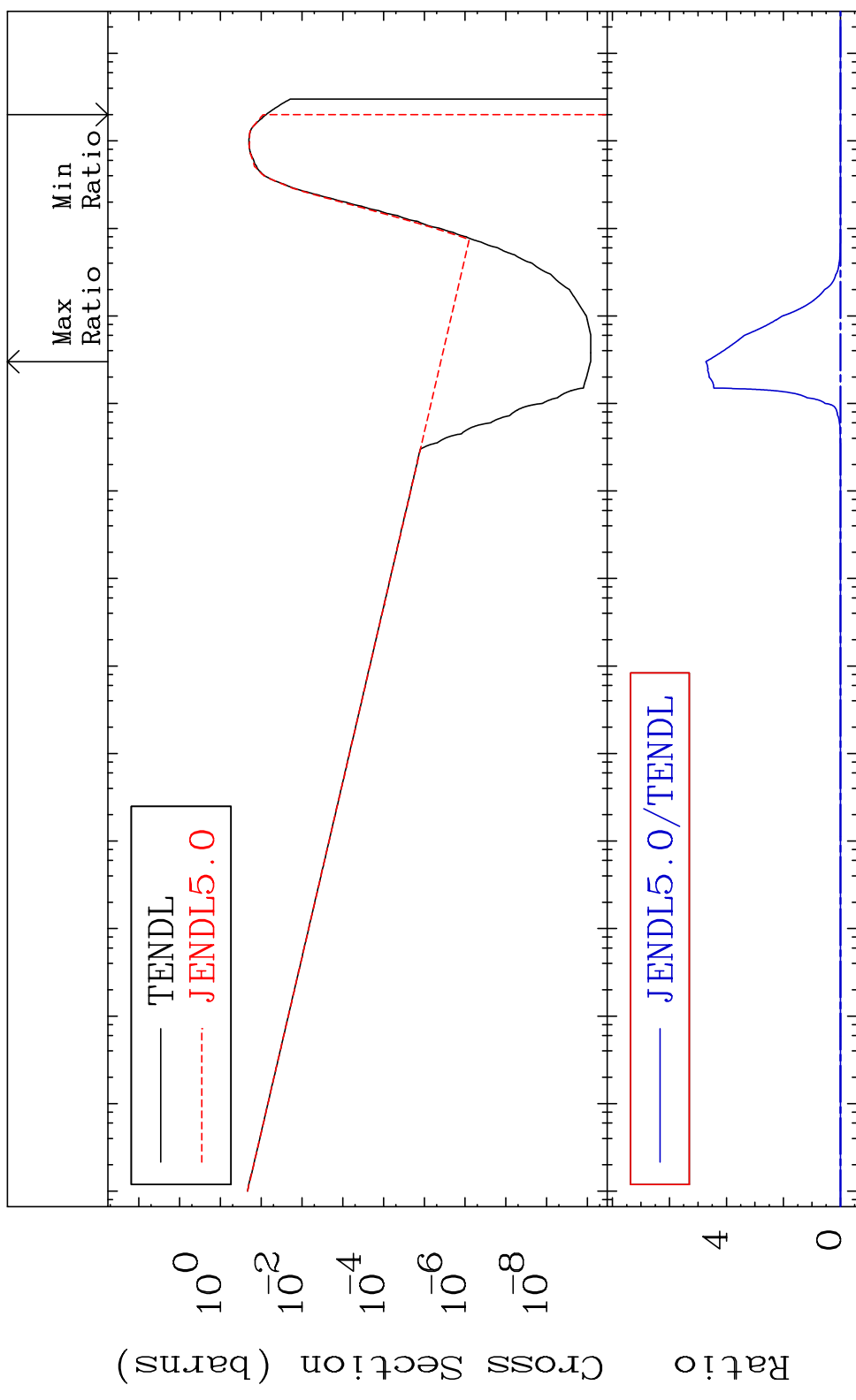
19-K -39

MAT 1925

(n, α)

19-K -39

Cross Section -100.0 To 9999. %



Max Ratio

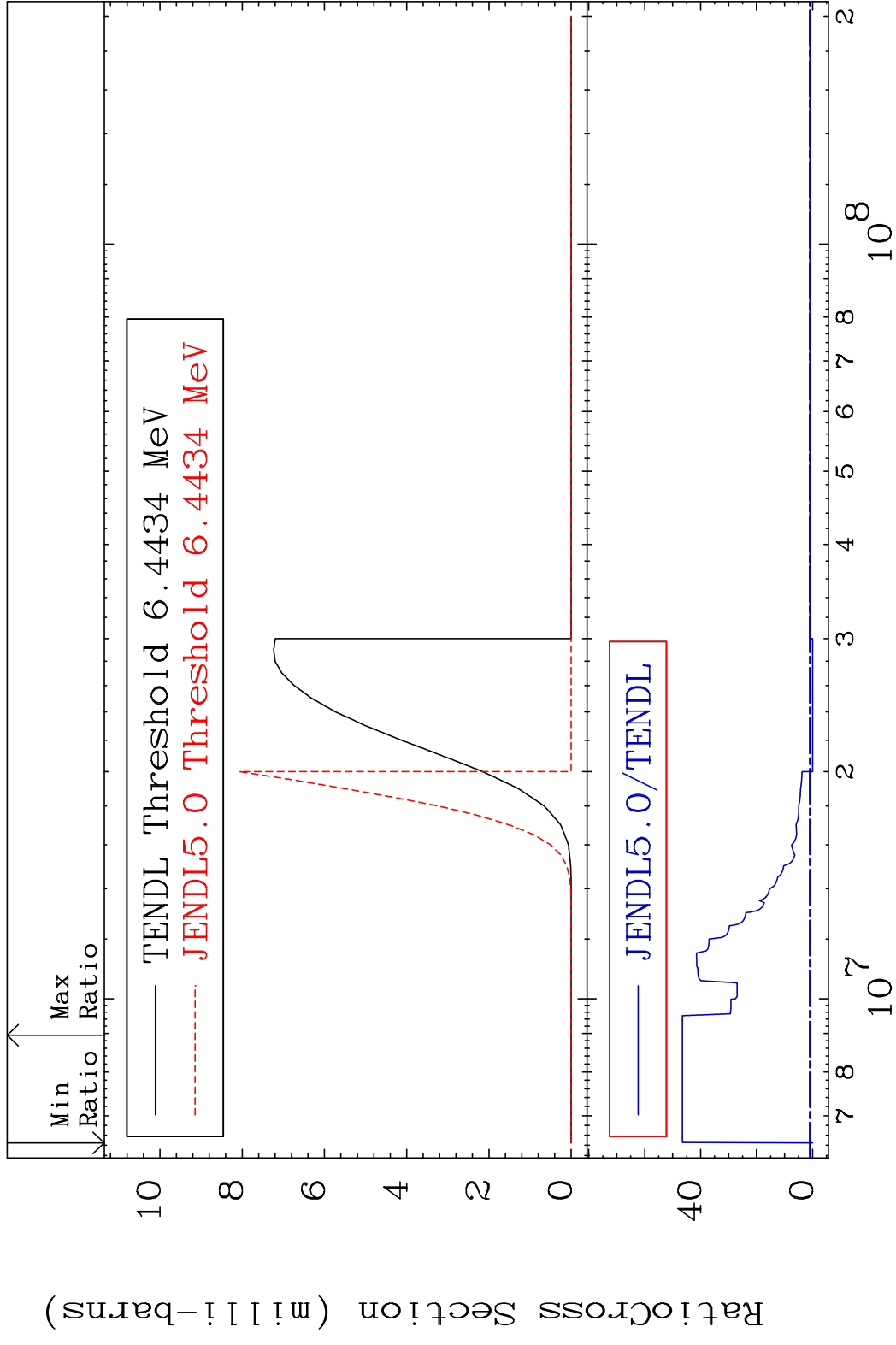
Min Ratio

43

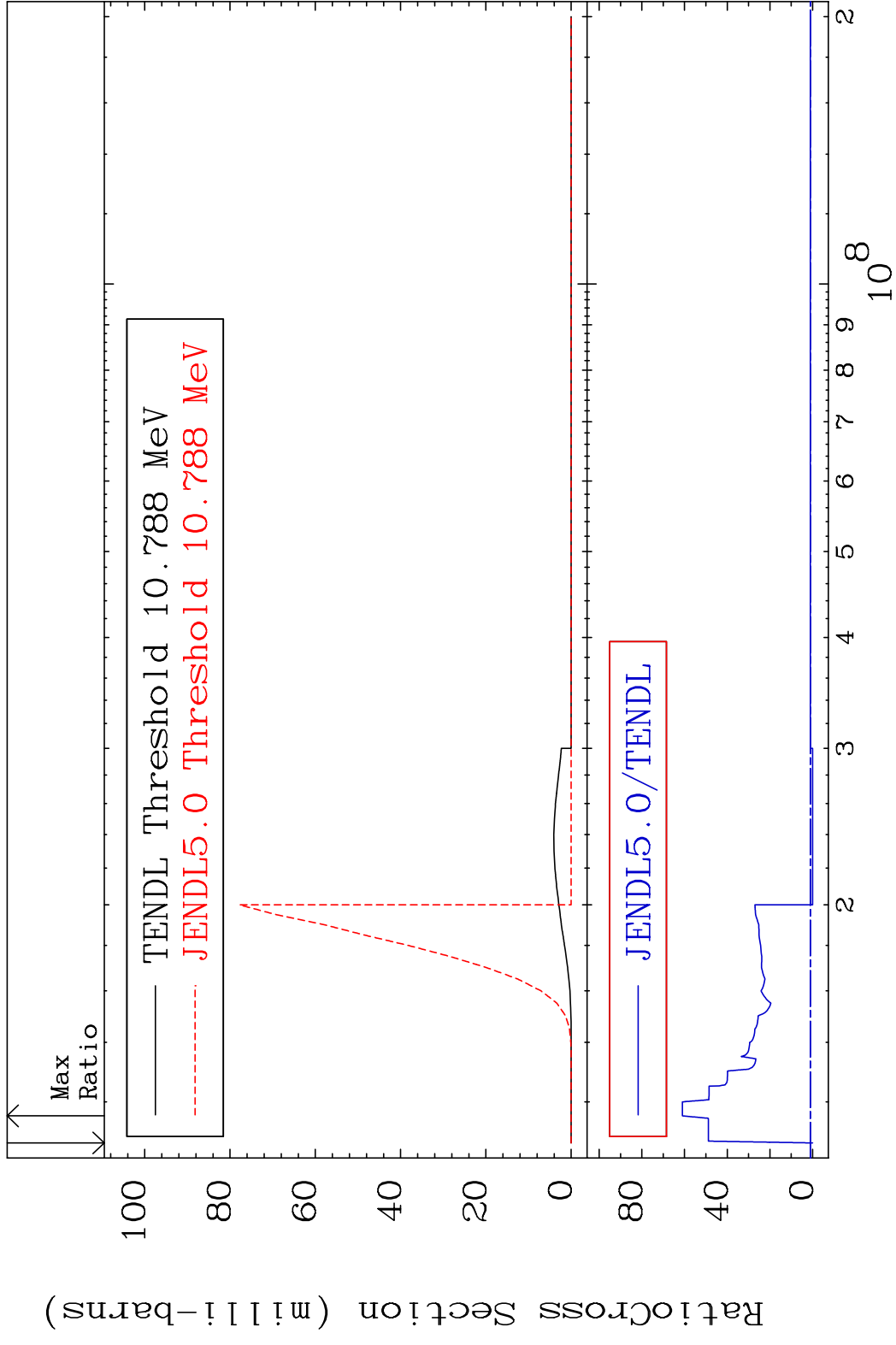
Incident Energy (eV)

19-K -39

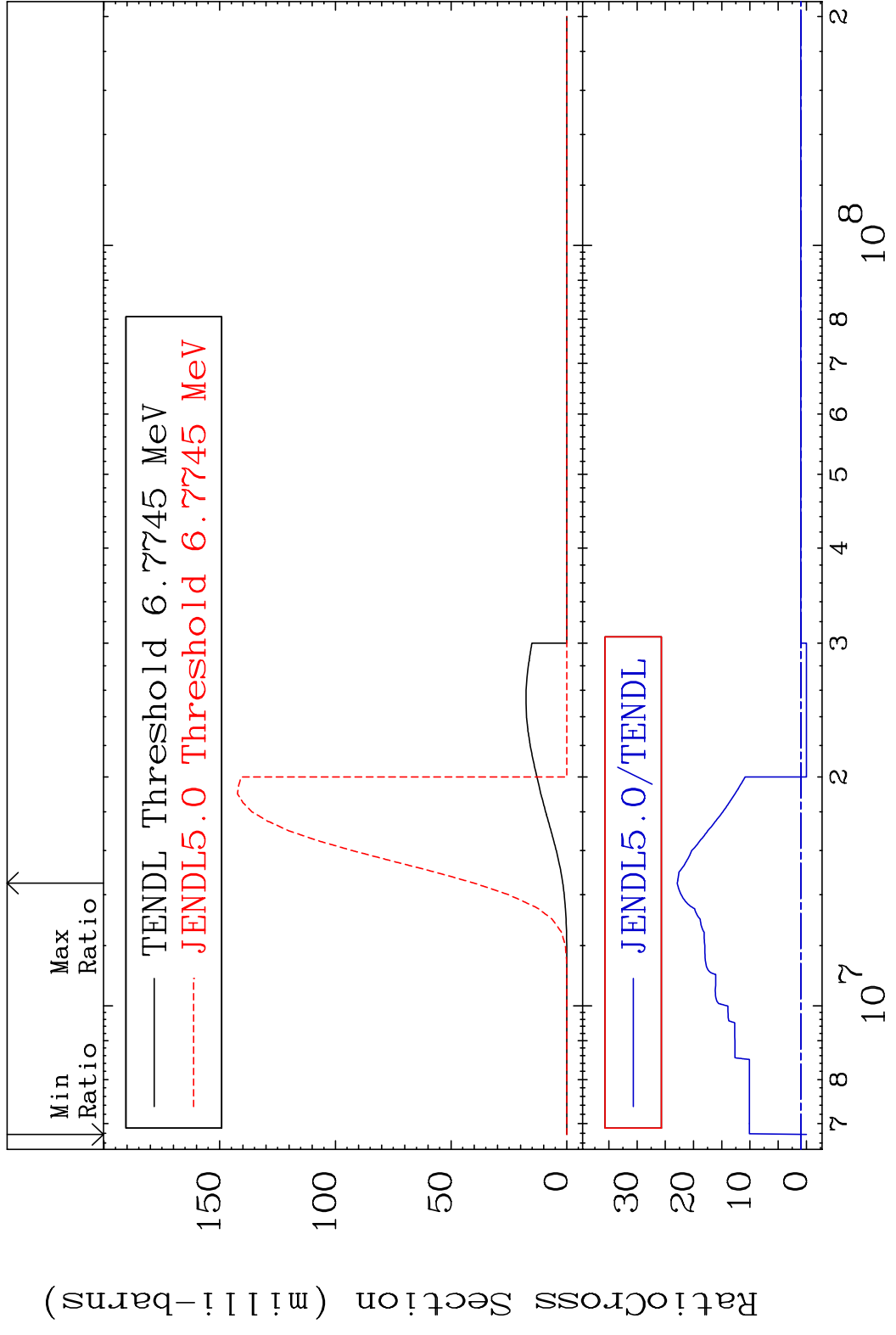
MAT 1925 (n,2α) 19-K -39
 Cross Section -100.0 To 4555. %



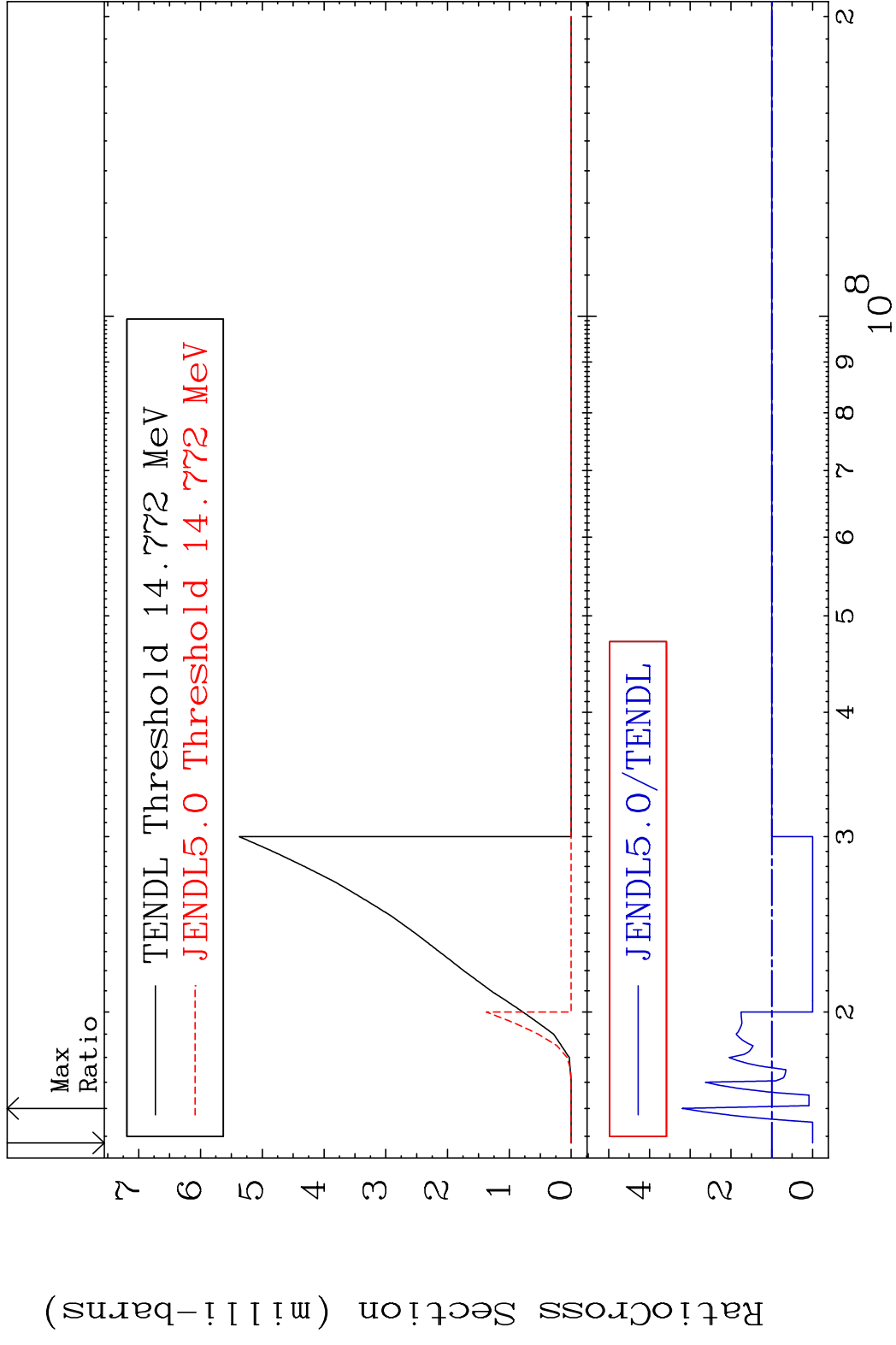
MAT 1925 (n,2p) 19-K -39
 Cross Section -100.0 To 6002. %



MAT 1925 (n,p) α 19-K -39
 Cross Section -100.0 To 2190. %

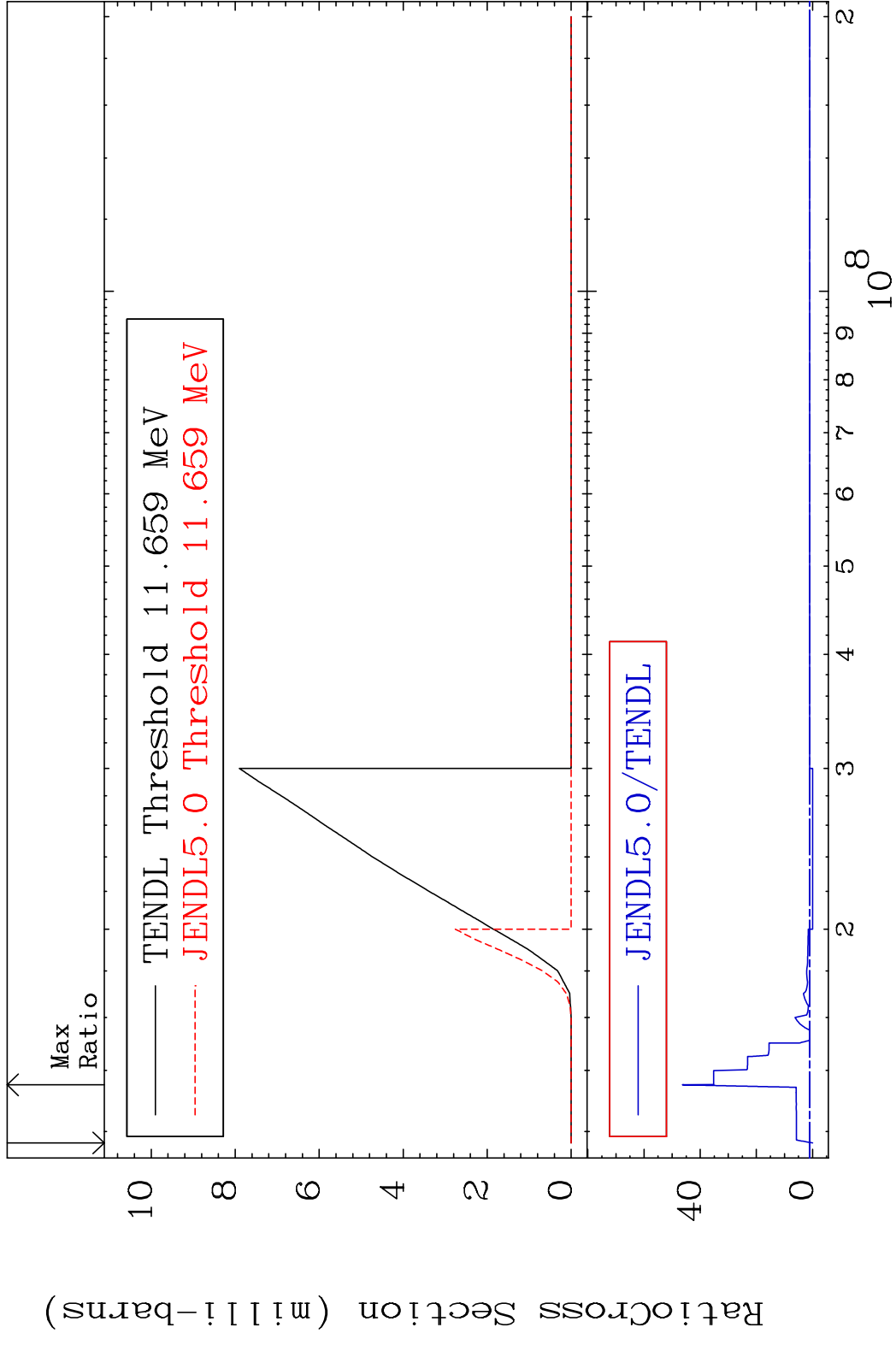


MAT 1925 (n,p) d 19-K -39
 Cross Section -100.0 To 219.3 %

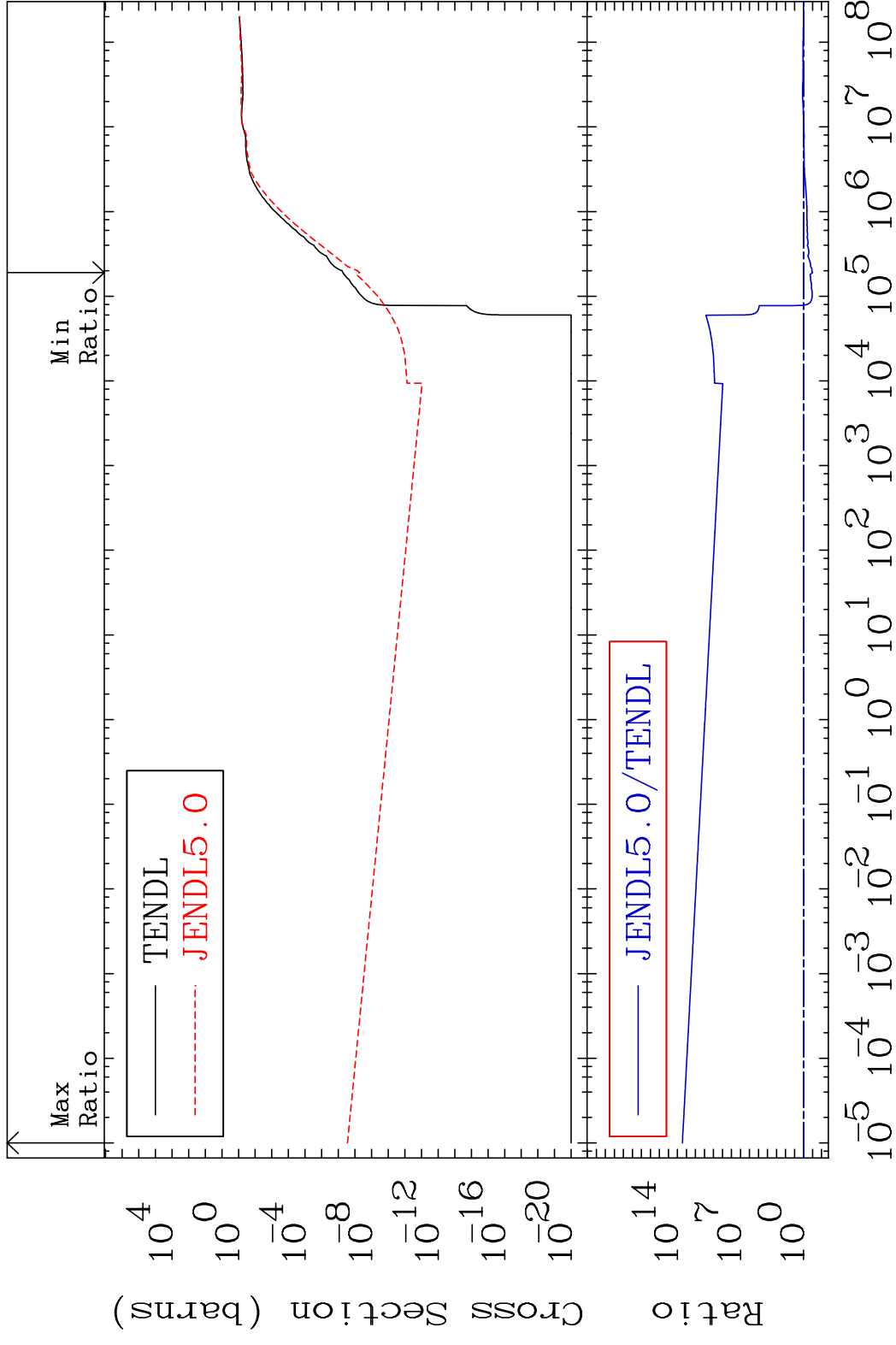


47 Incident Energy (eV) 19-K -39

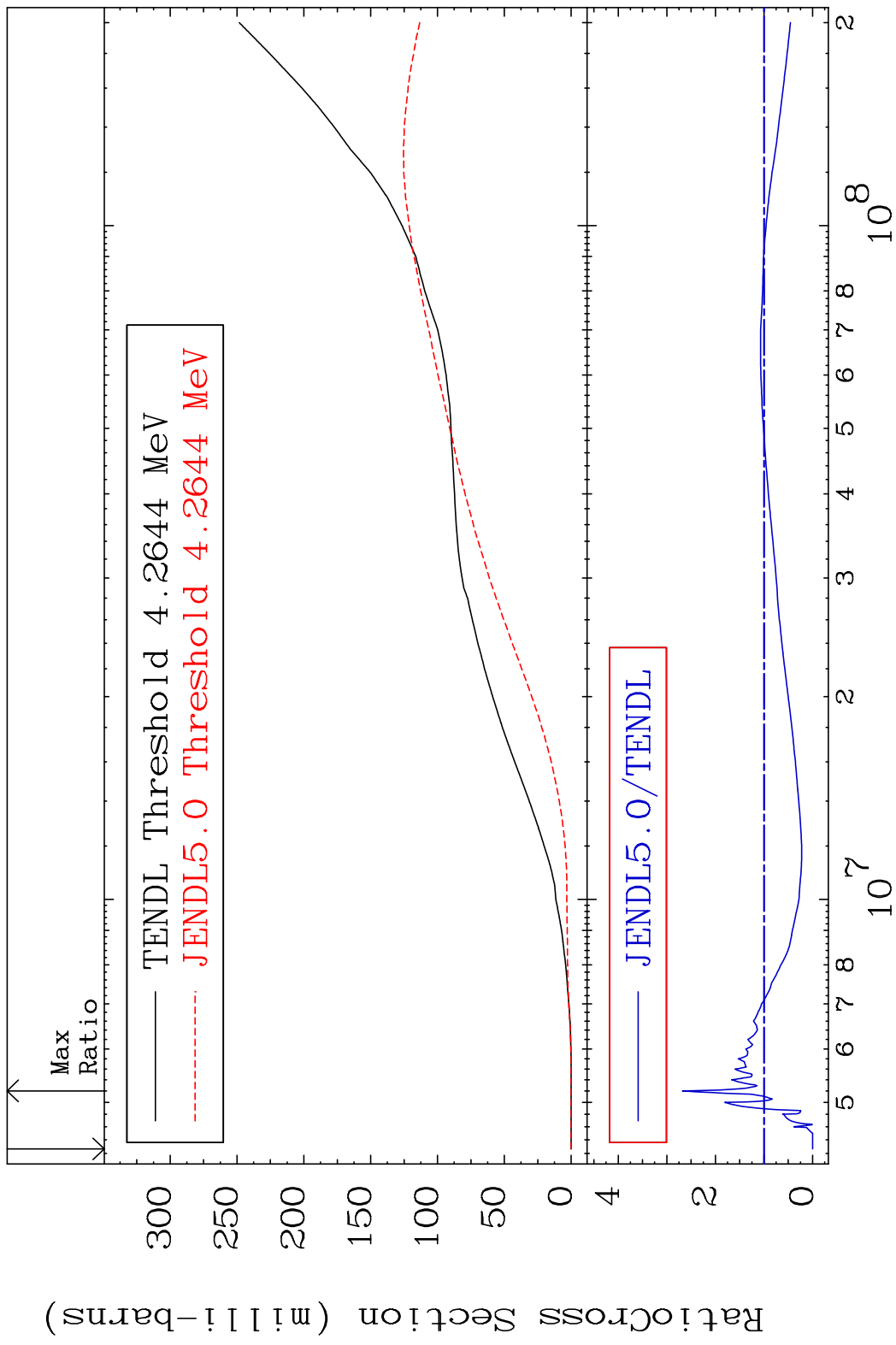
MAT 1925 (n,d) α 19-K -39
 Cross Section -100.0 To 4535. %



MAT 1925 Hydrogen Production 19-K -39
 Cross Section -90.05 To 9999. %

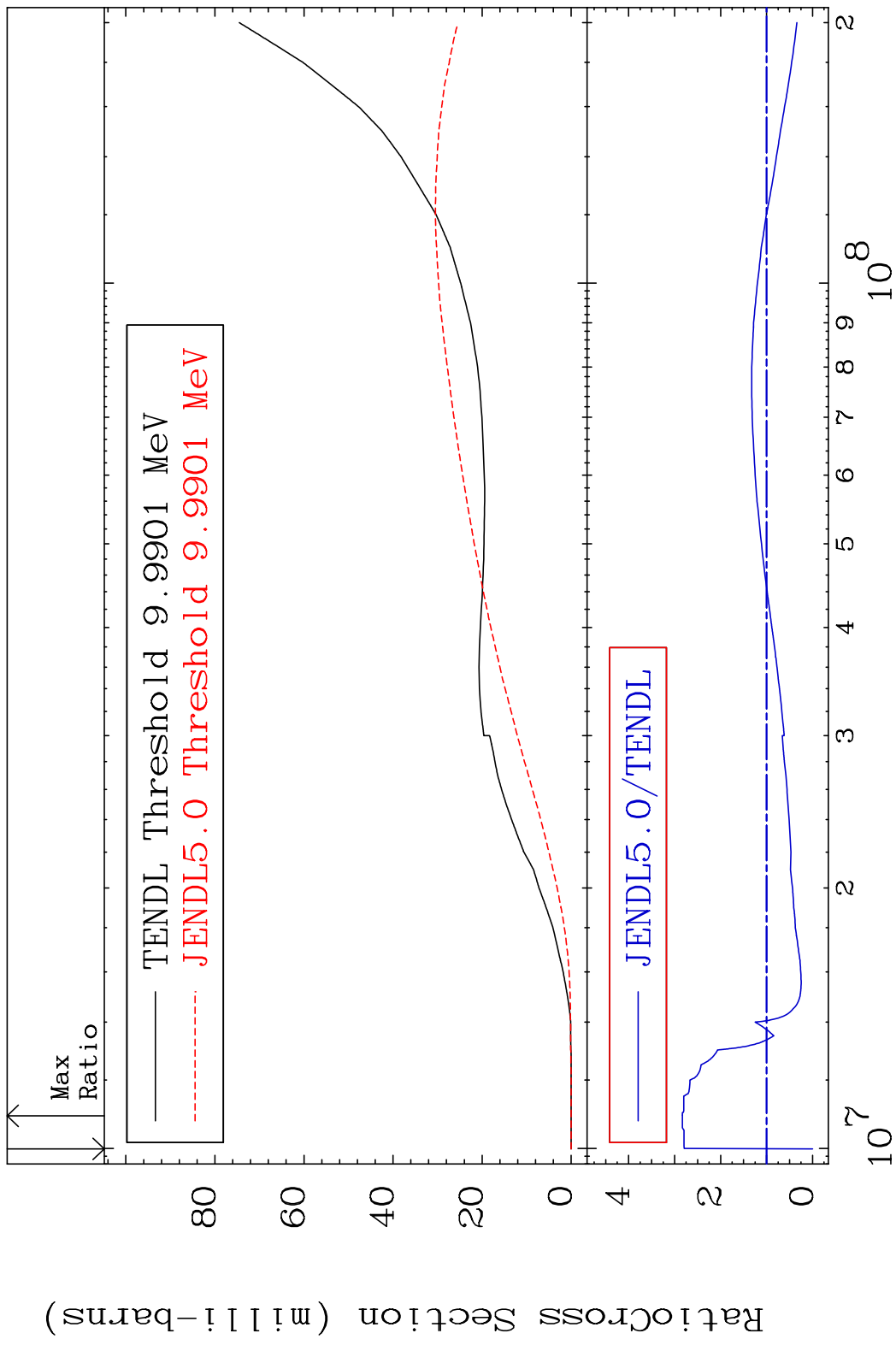


MAT 1925 Deuterium Production 19-K -39
 Cross Section -100.0 To 168.0 %



50 19-K -39

MAT 1925 Tritium Production 19-K -39
 Cross Section -100.0 To 183.2 %



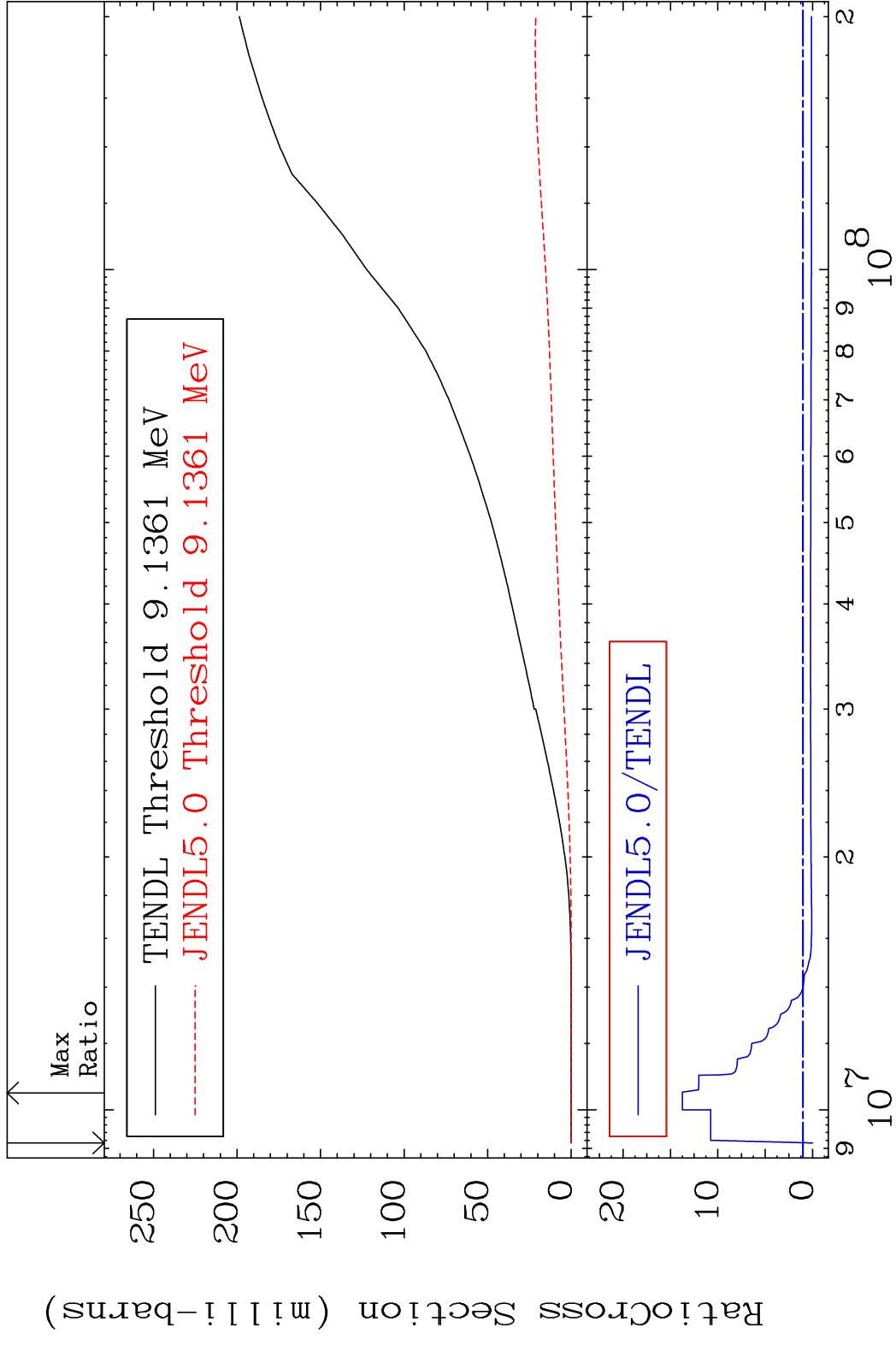
51 19-K -39

MAT 1925

He-3 Production

19-K -39

Cross Section -100.0 To 1274. %



52

Incident Energy (eV)

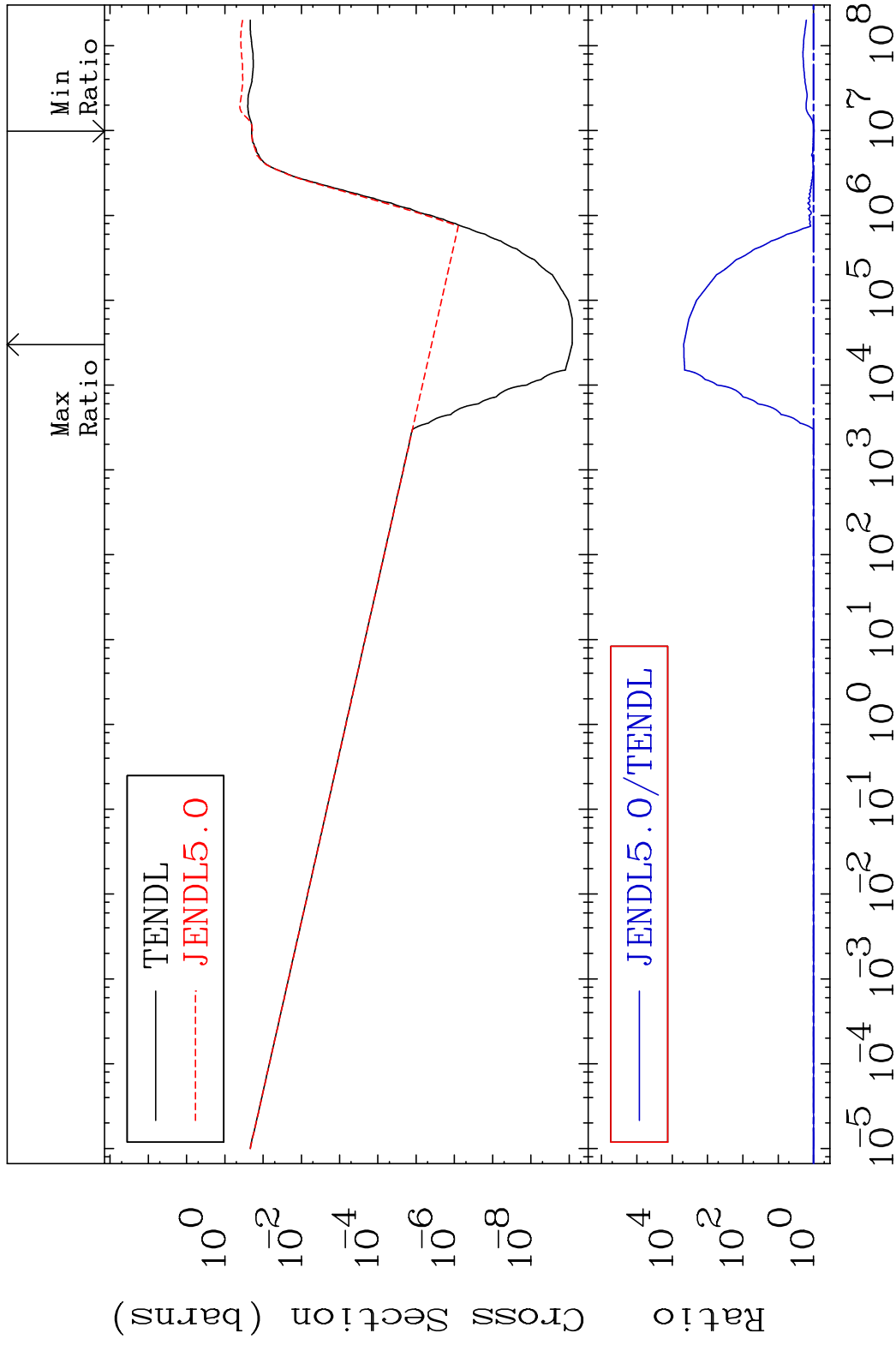
19-K -39

MAT 1925

He-4 Production

19-K -39

Cross Section -3.746 To 9999. %

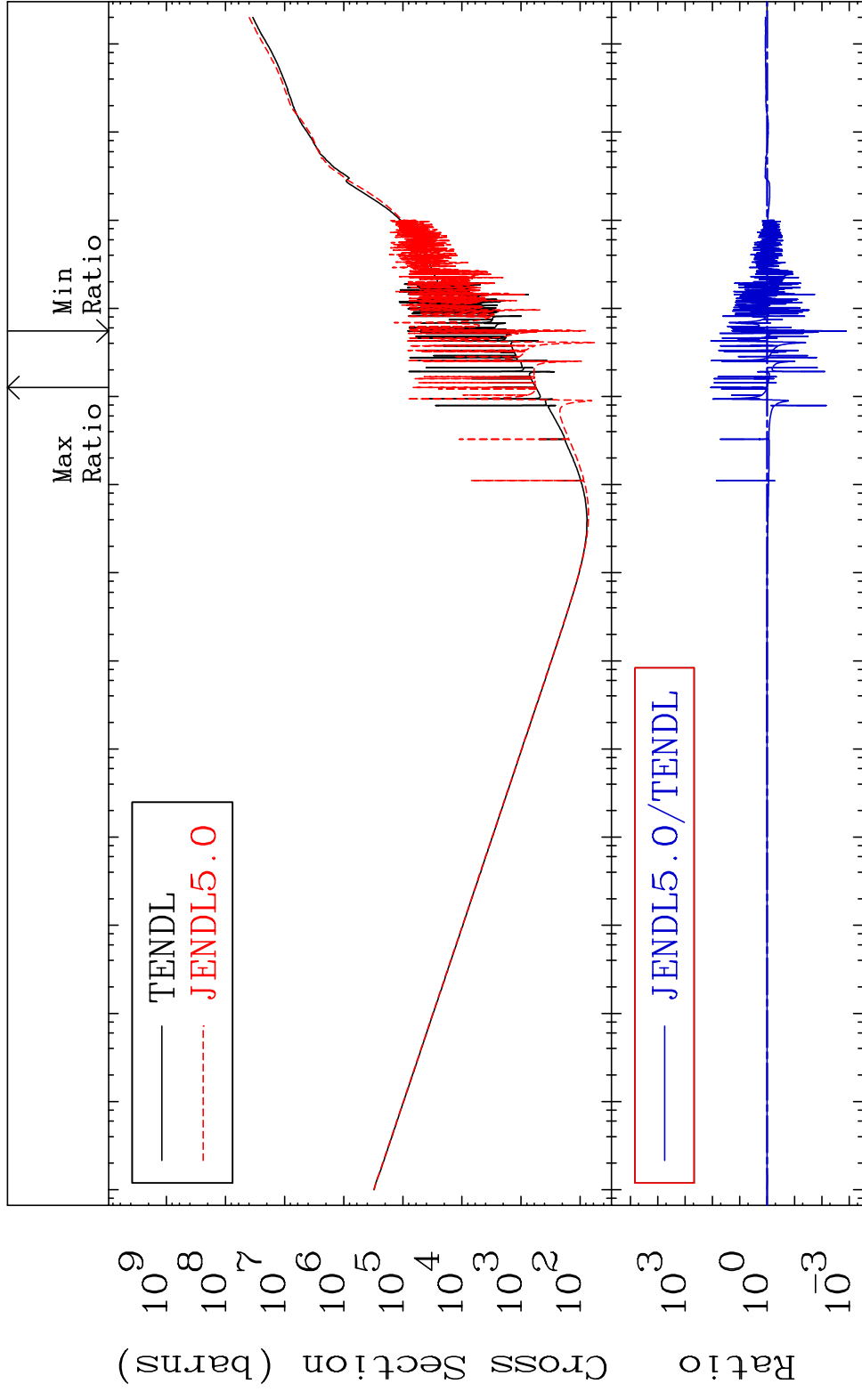


53

Incident Energy (eV)

19-K -39

MAT 1925 Kerma total (eV-barns) 19-K -39
 Cross Section -99.87 To 9999. %

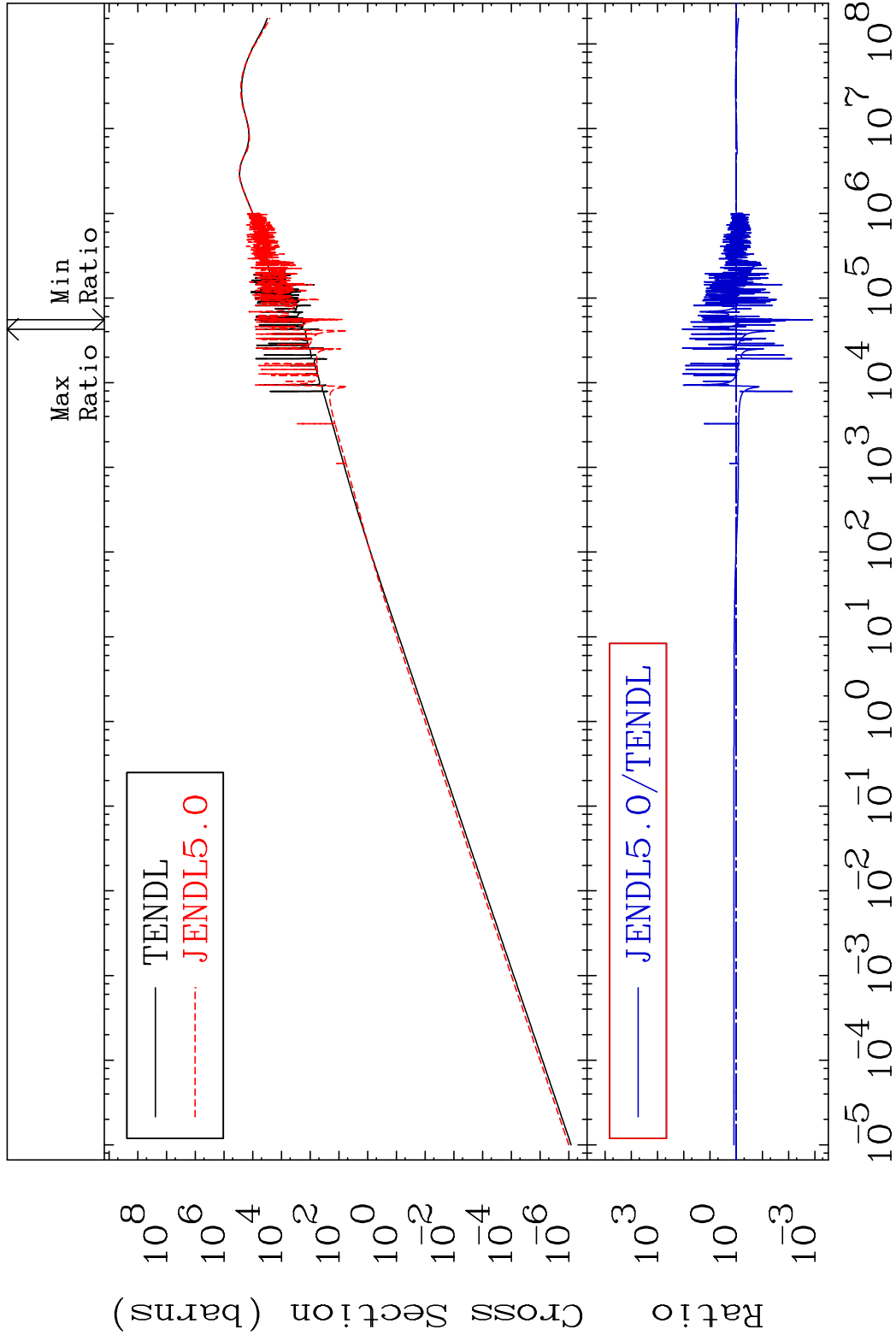


MAT 1925

Kerma elastic

19-K -39

Cross Section -99.88 To 9999. %

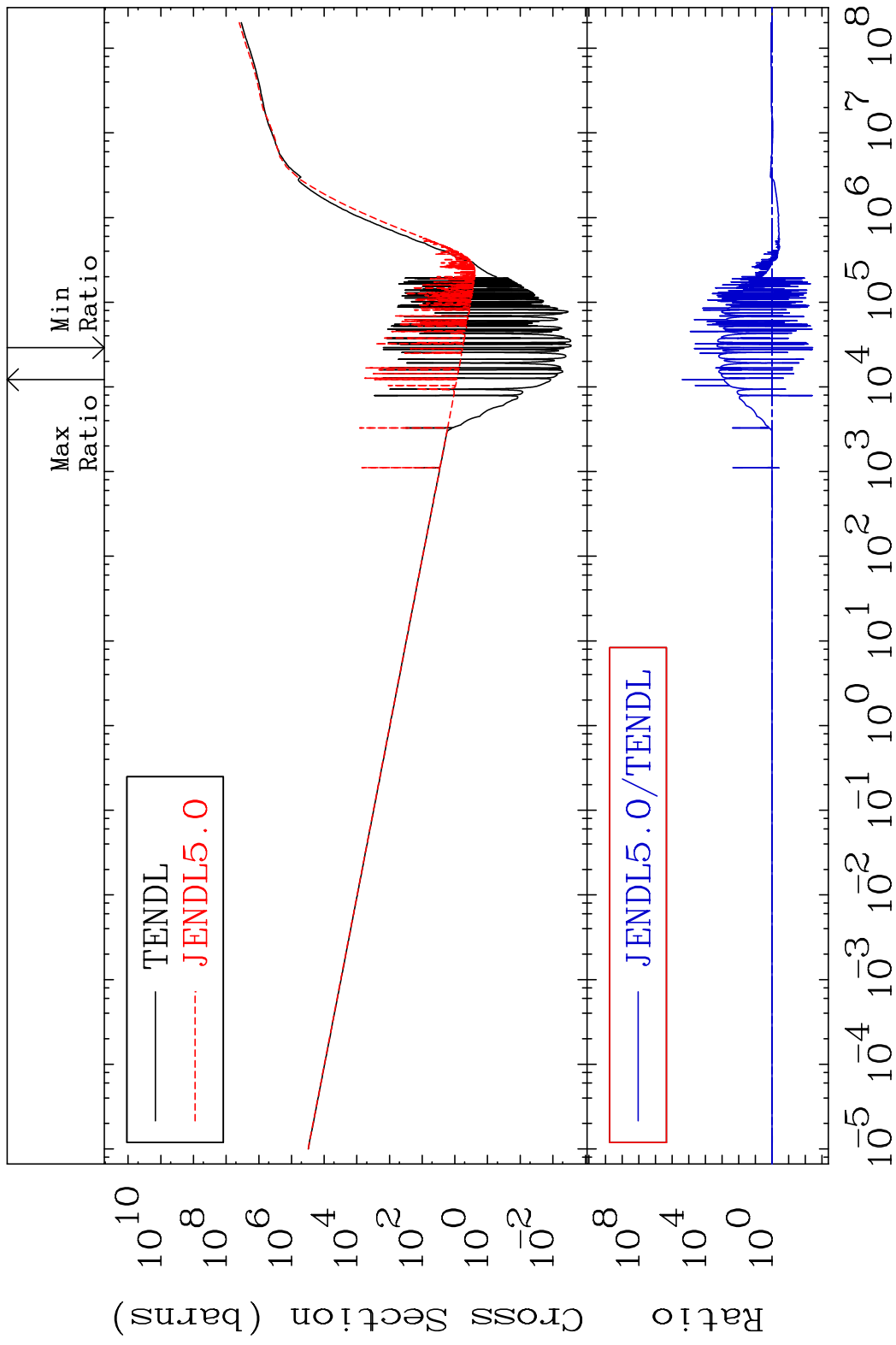


55

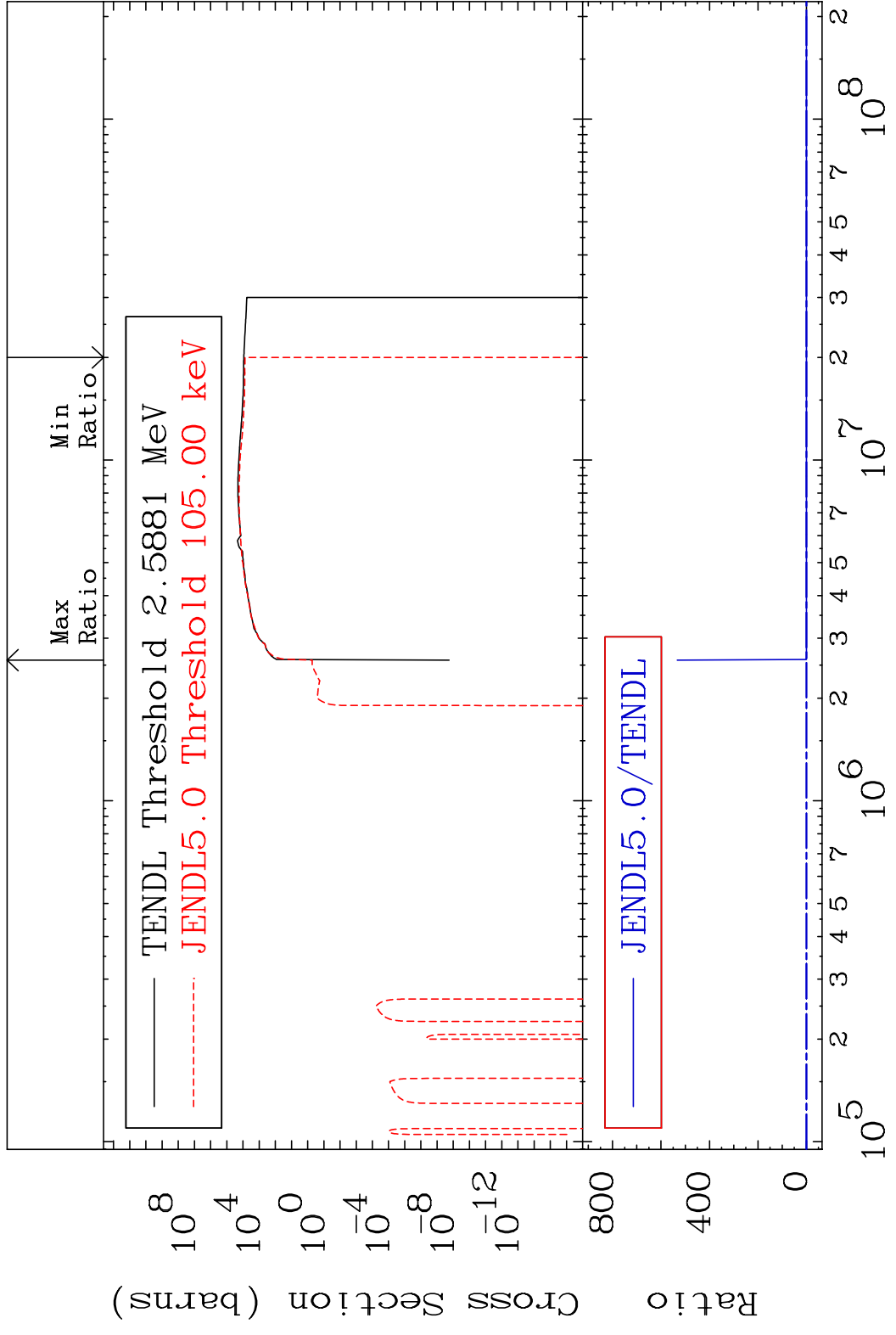
Incident Energy (eV)

19-K -39

MAT 1925 Kerma non-elastic (all but mt2) 19-K -39
 Cross Section -99.63 To 9999. %

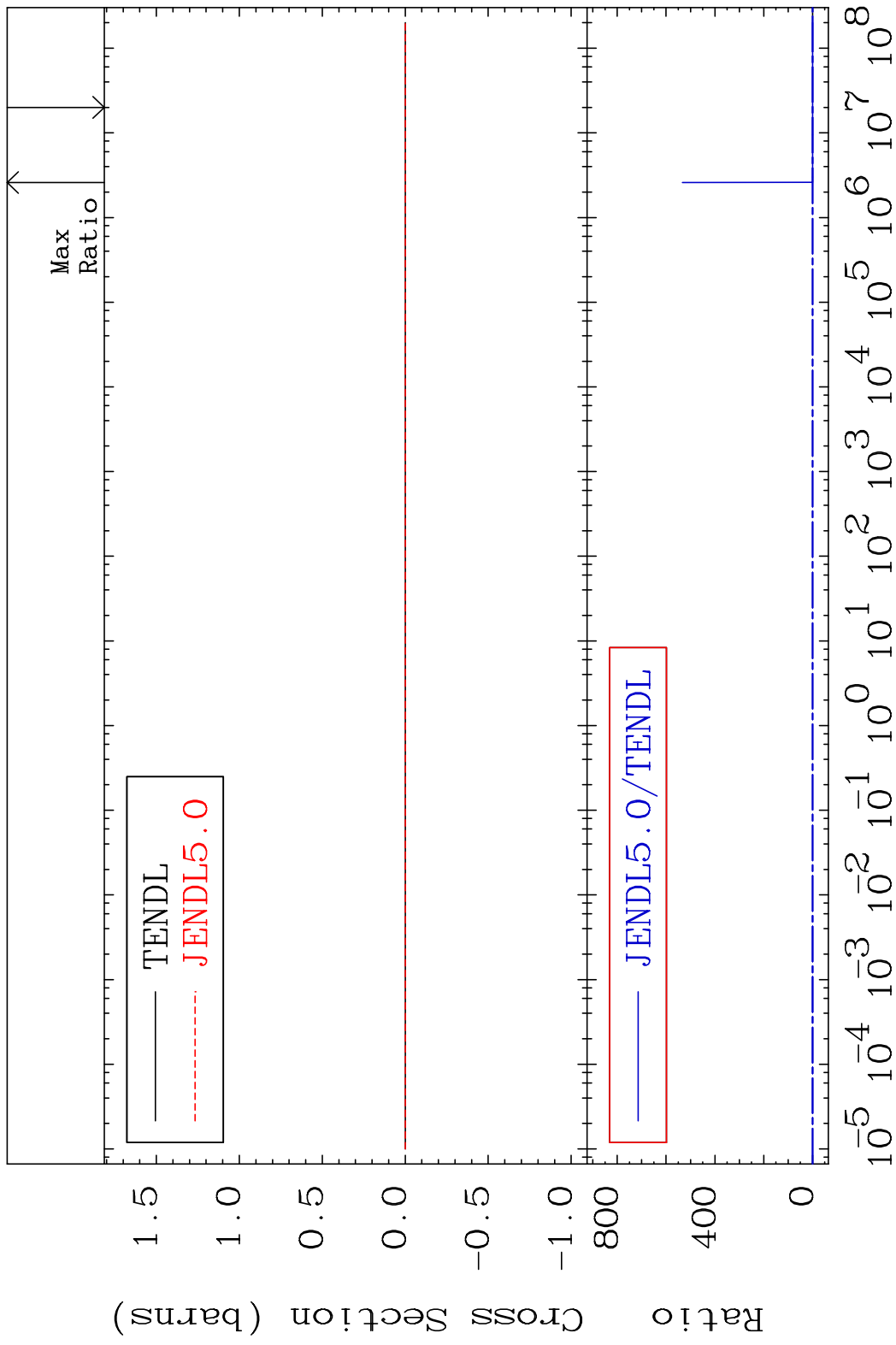


MAT 1925 Kerma inelastic (mt51-91) 19-K -39
 Cross Section -100.0 To 9999. %

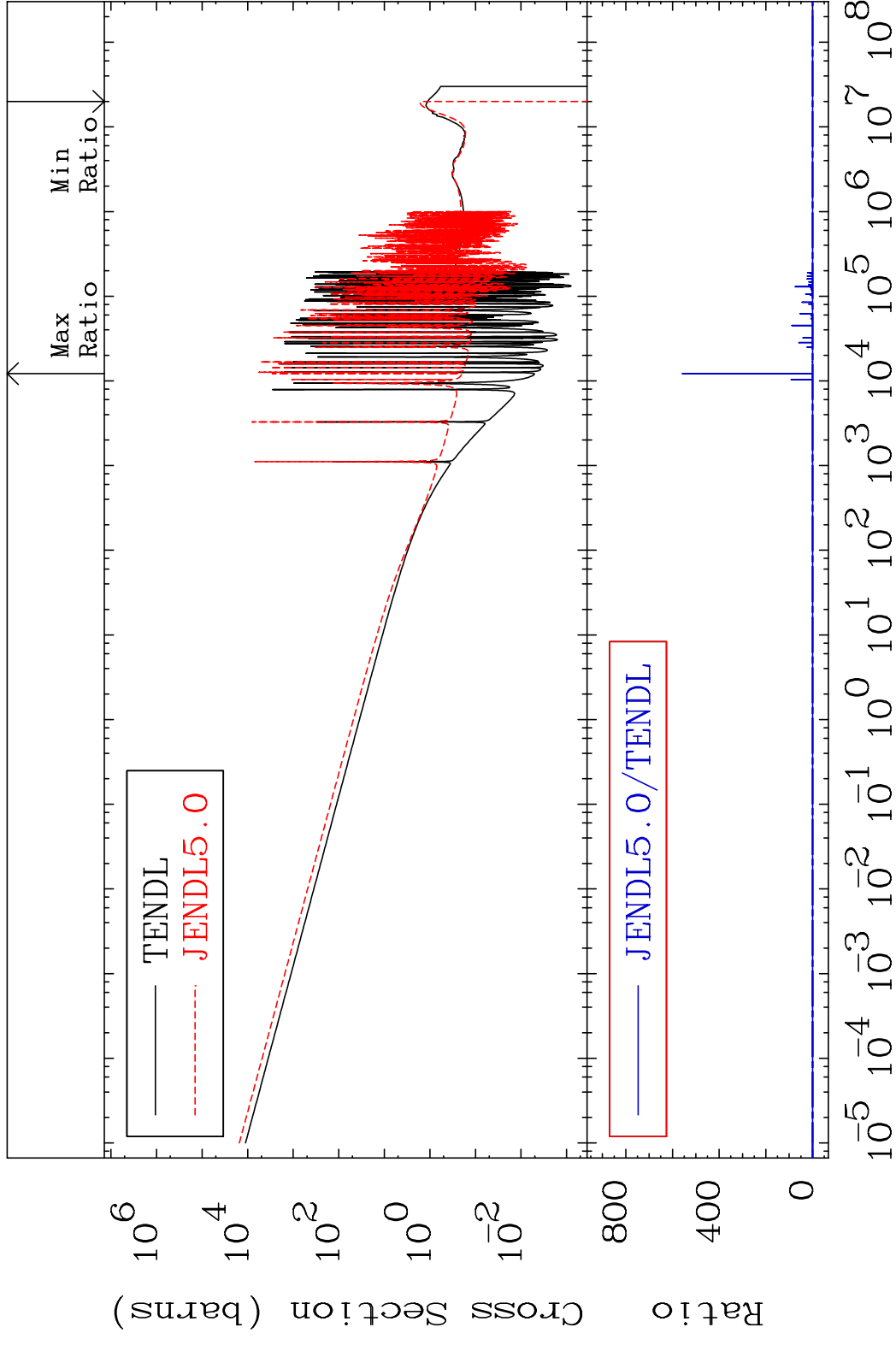


57 Incident Energy (eV) 19-K -39

MAT 1925 Kerma fission (mt18 or mt19-20-21-38) 19-K -39
 Cross Section -100.0 To 9999. %

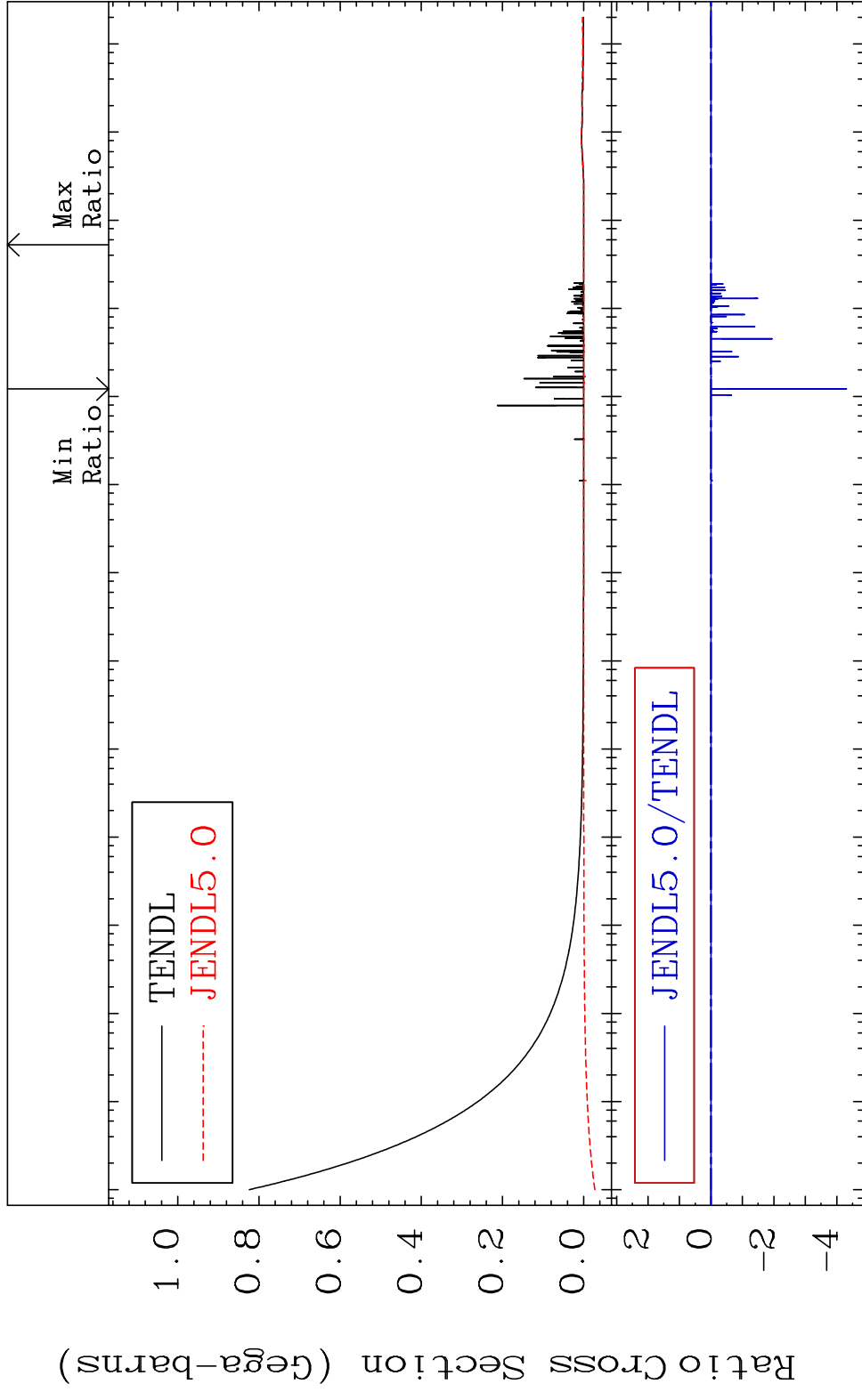


MAT 1925 Kerma capture (mt102) 19-K -39
 Cross Section -100.0 To 9999. %



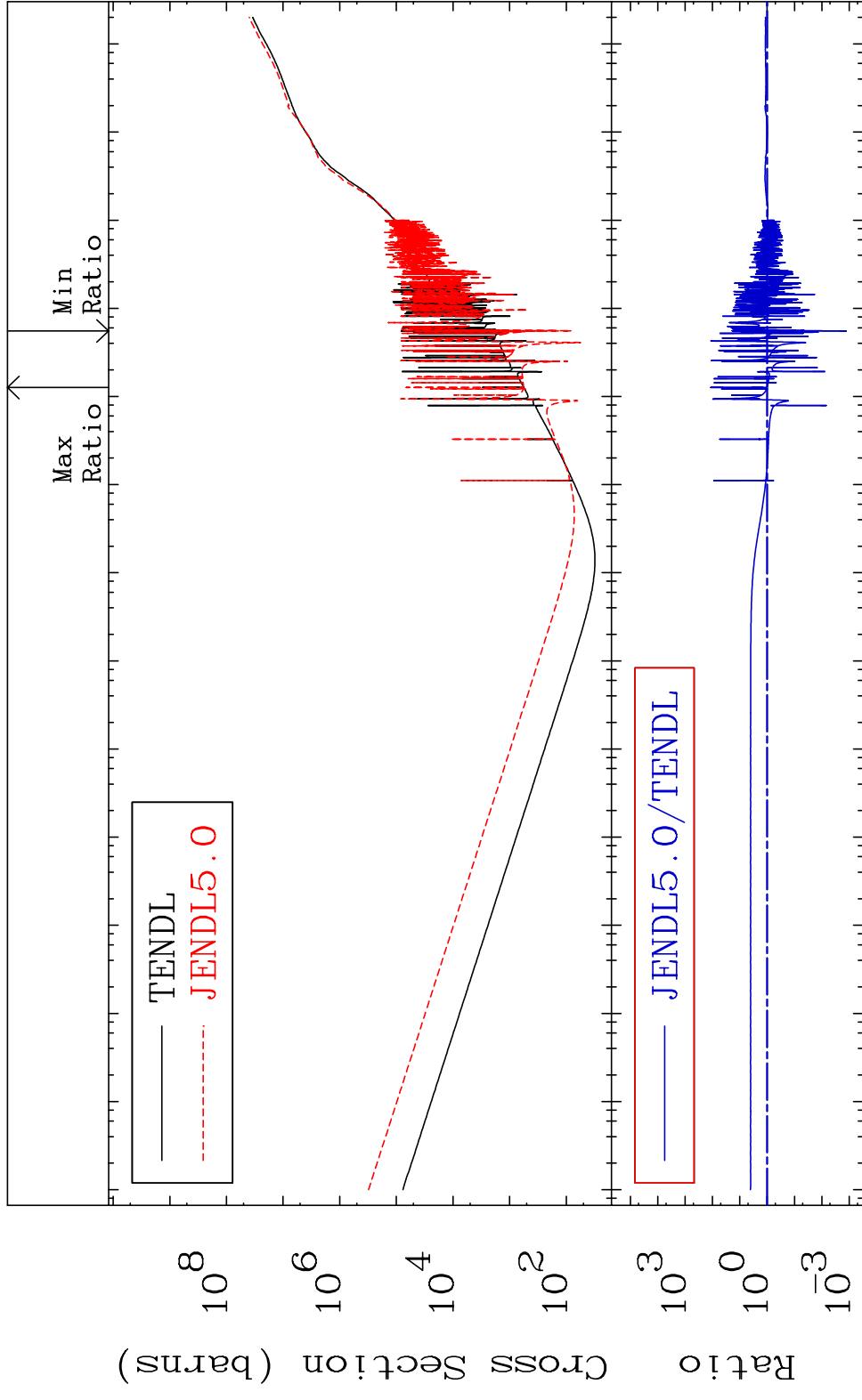
59 Incident Energy (eV) 19-K -39

MAT 1925 Total photon (eV-barns) 19-K -39
 Cross Section -9999. To 658.2 %

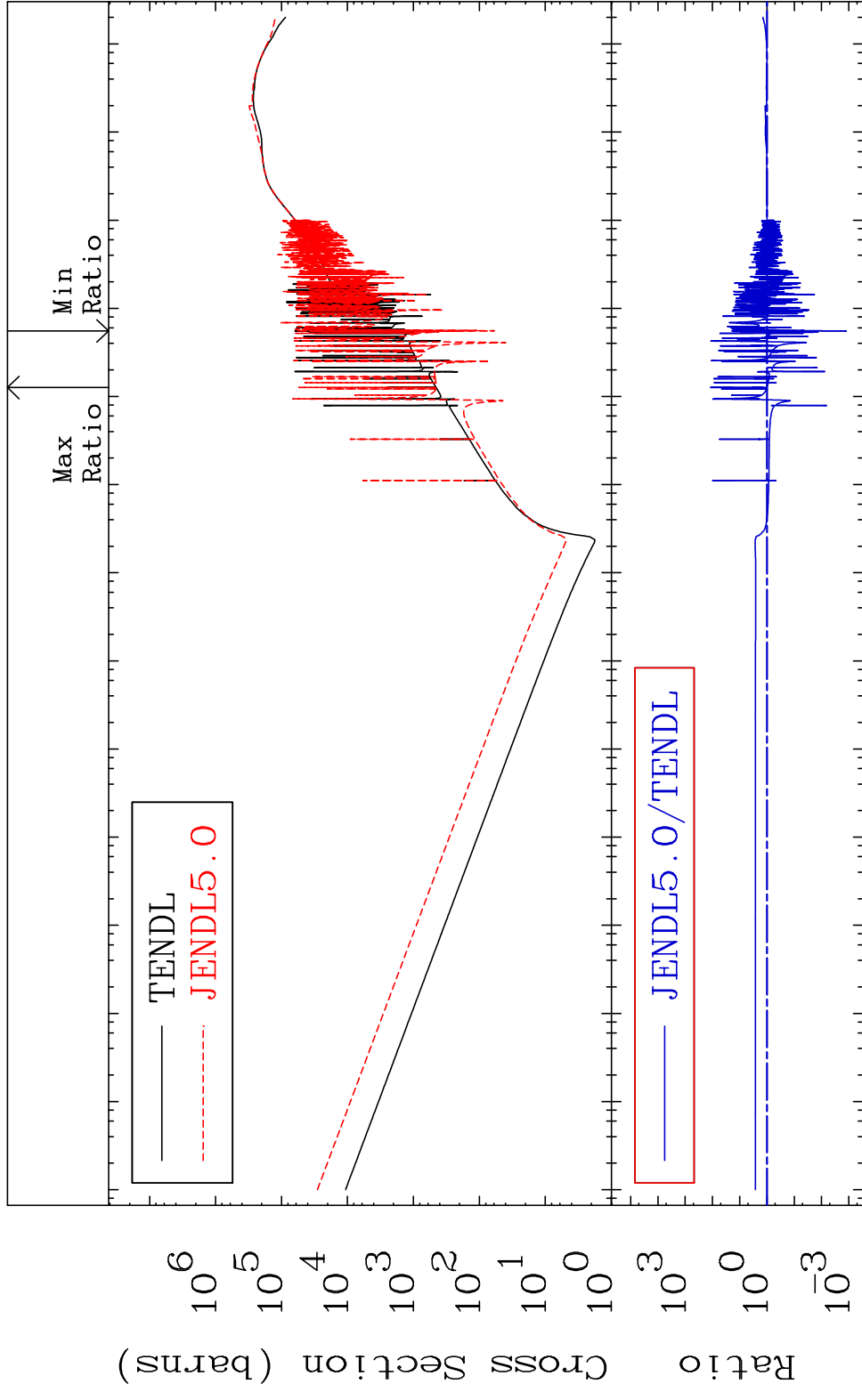


60 Incident Energy (eV) 19-K -39

MAT 1925 Total kinematic kerma (high limit) 19-K -39
 Cross Section -99.87 To 9999. %



MAT 1925 Dpa total (eV-barns) 19-K -39
 Cross Section -99.88 To 9999. %

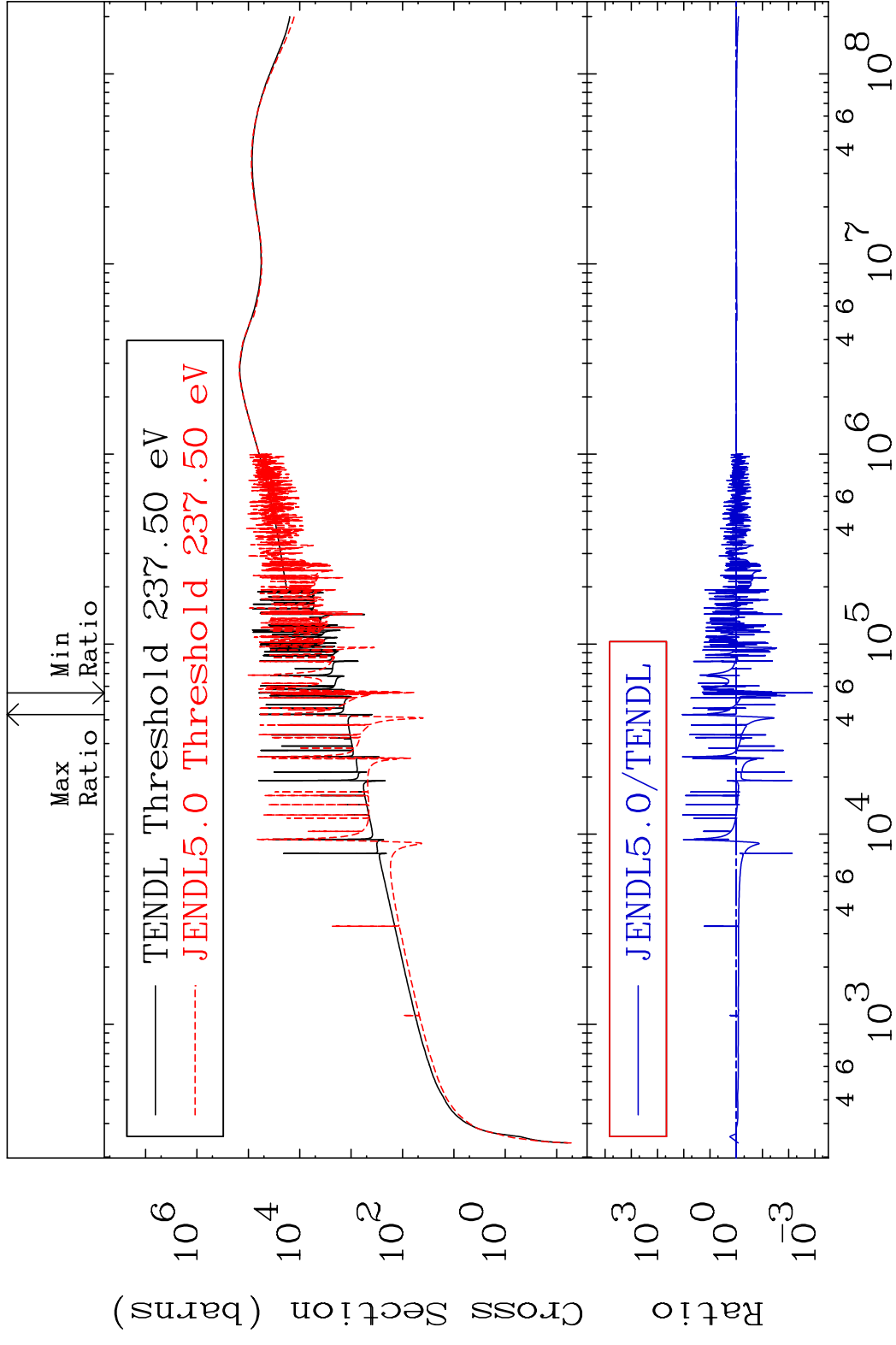


MAT 1925

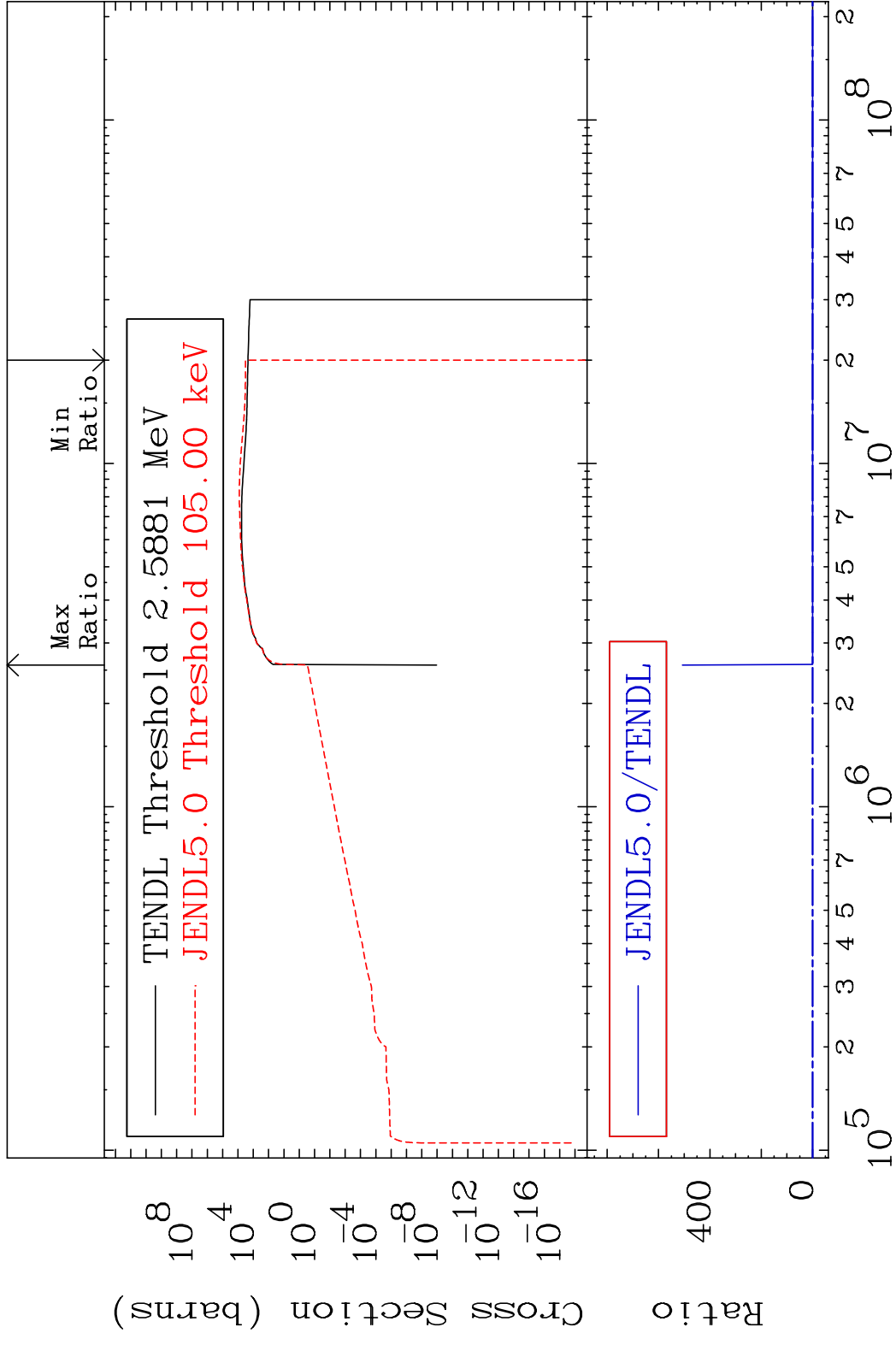
Dpa elastic (mt2)

19-K -39

Cross Section -99.88 To 9999. %

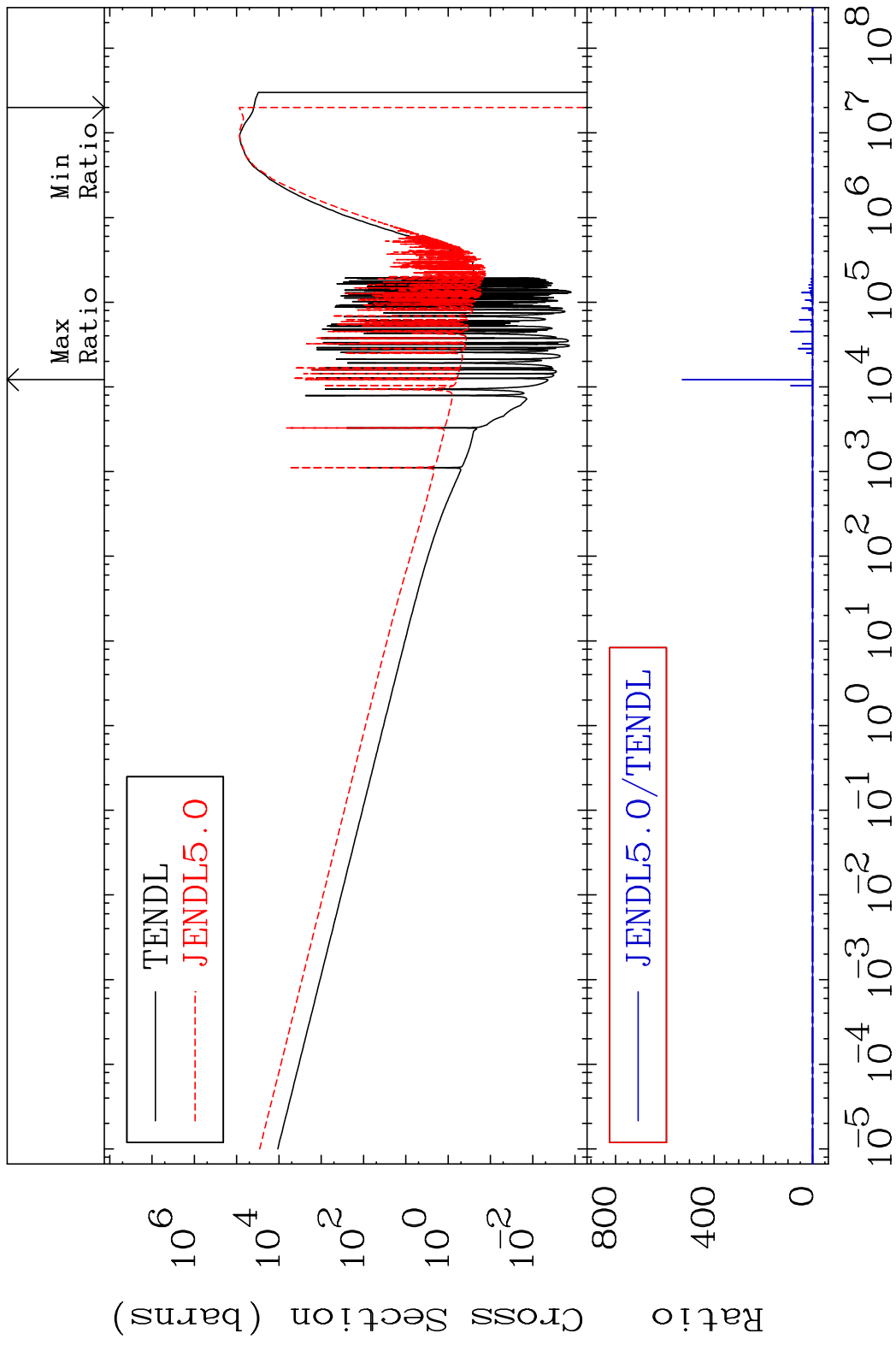


MAT 1925 Dpa inelastic (mt51-91) 19-K -39
 Cross Section -100.0 To 9999. %

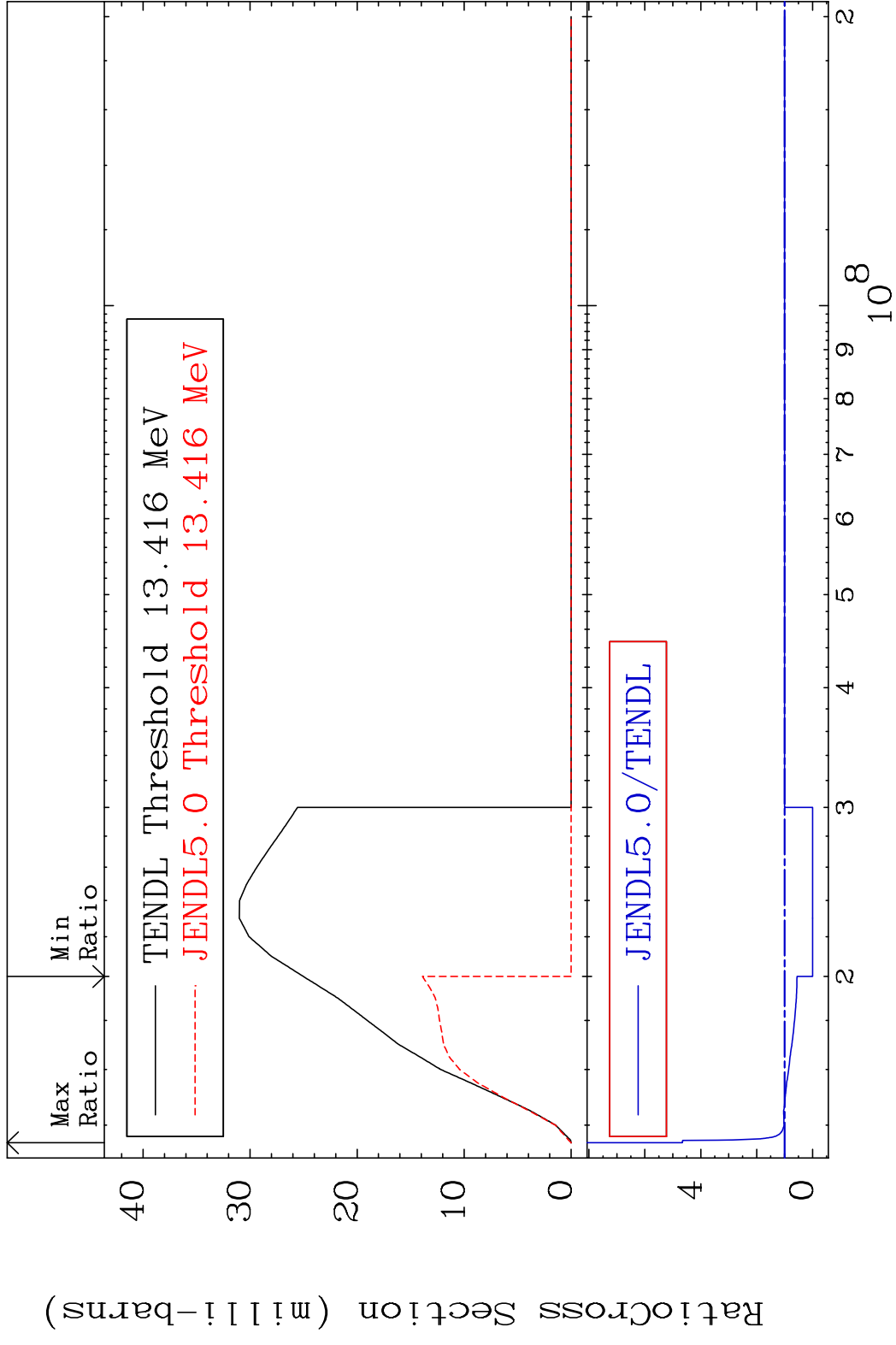


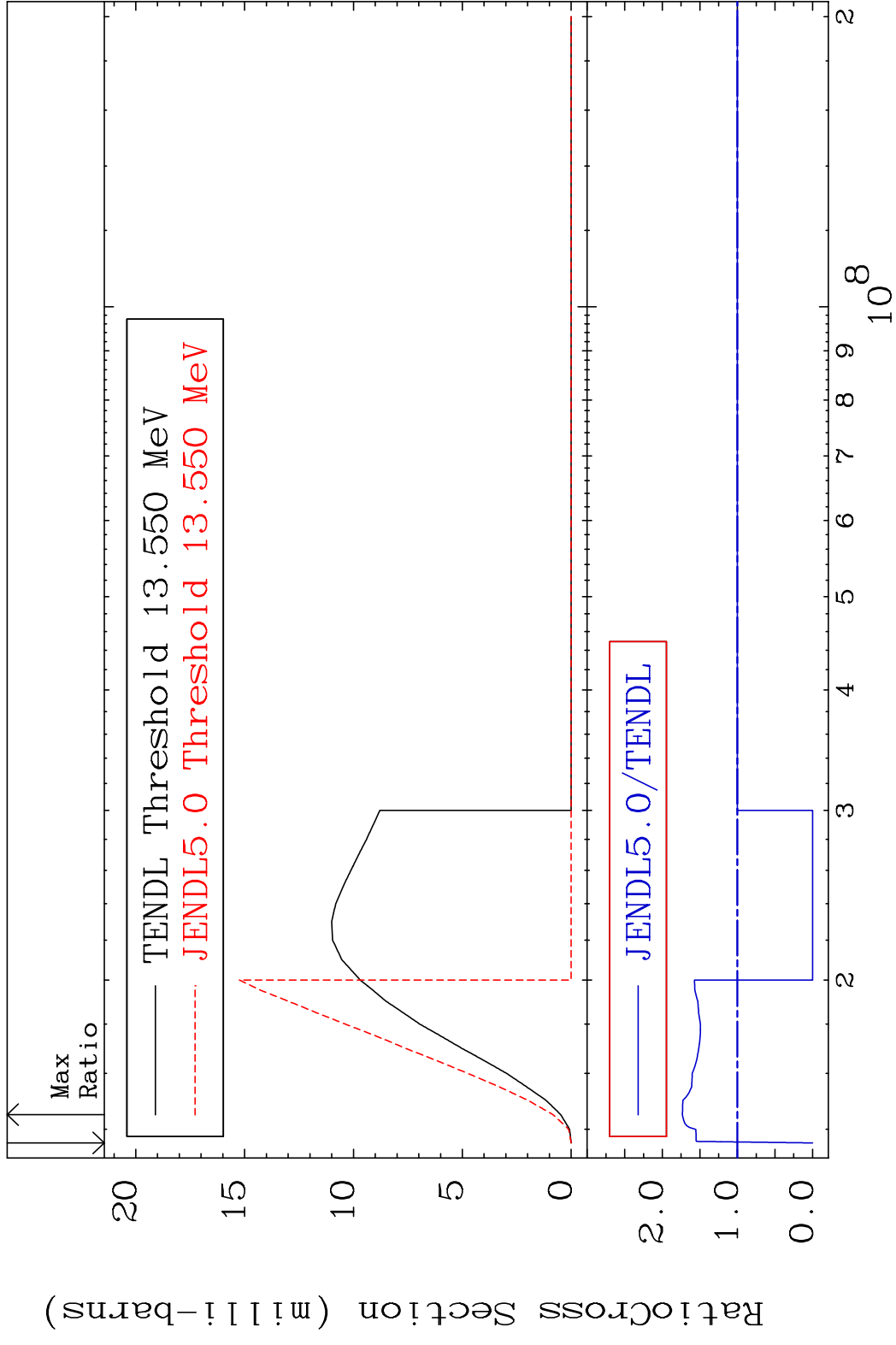
64 Incident Energy (eV) 19-K -39

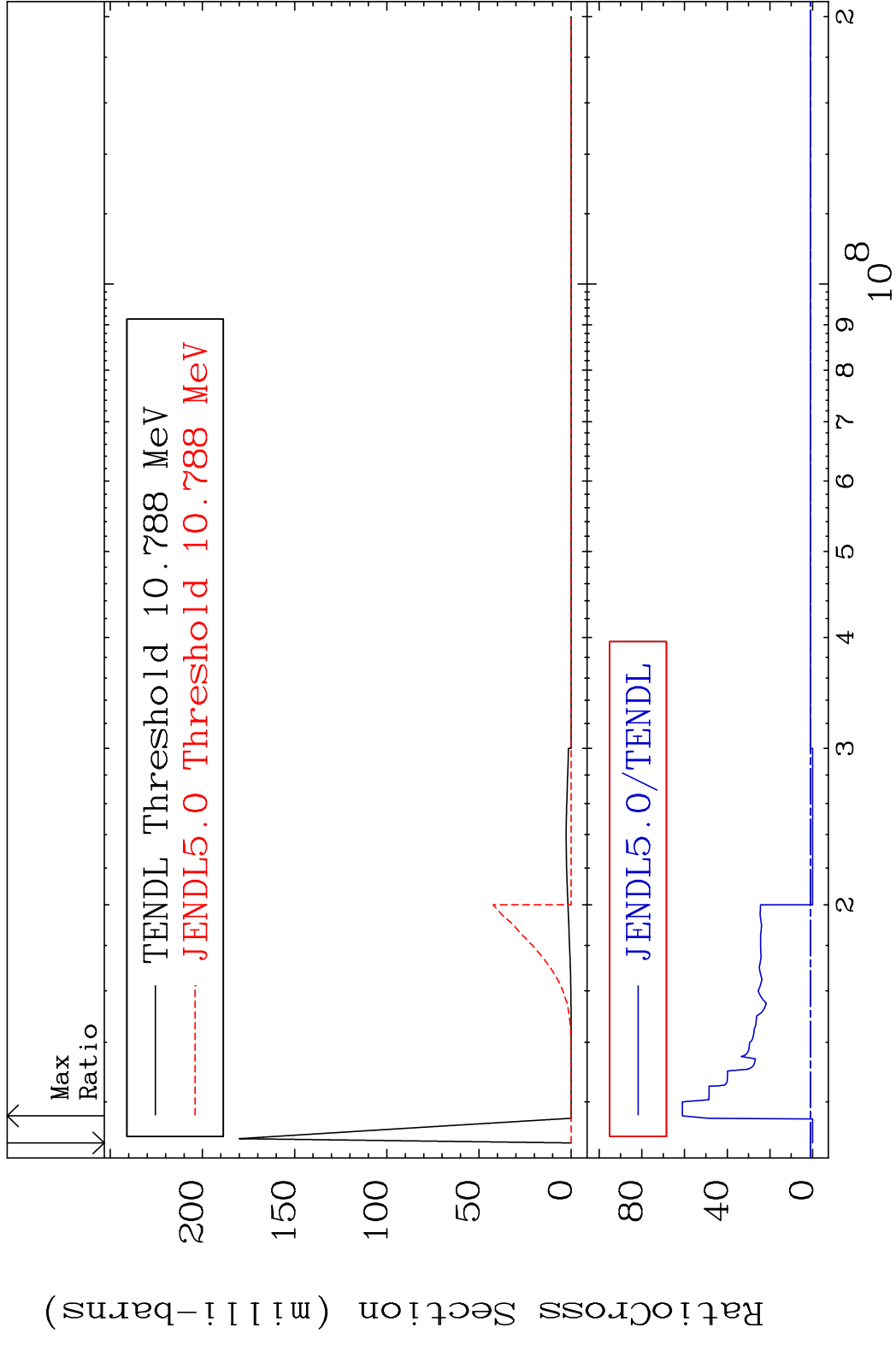
MAT 1925 Dpa disappearance (mt102 -120) 19-K -39
 Cross Section -100.0 To 9999. %

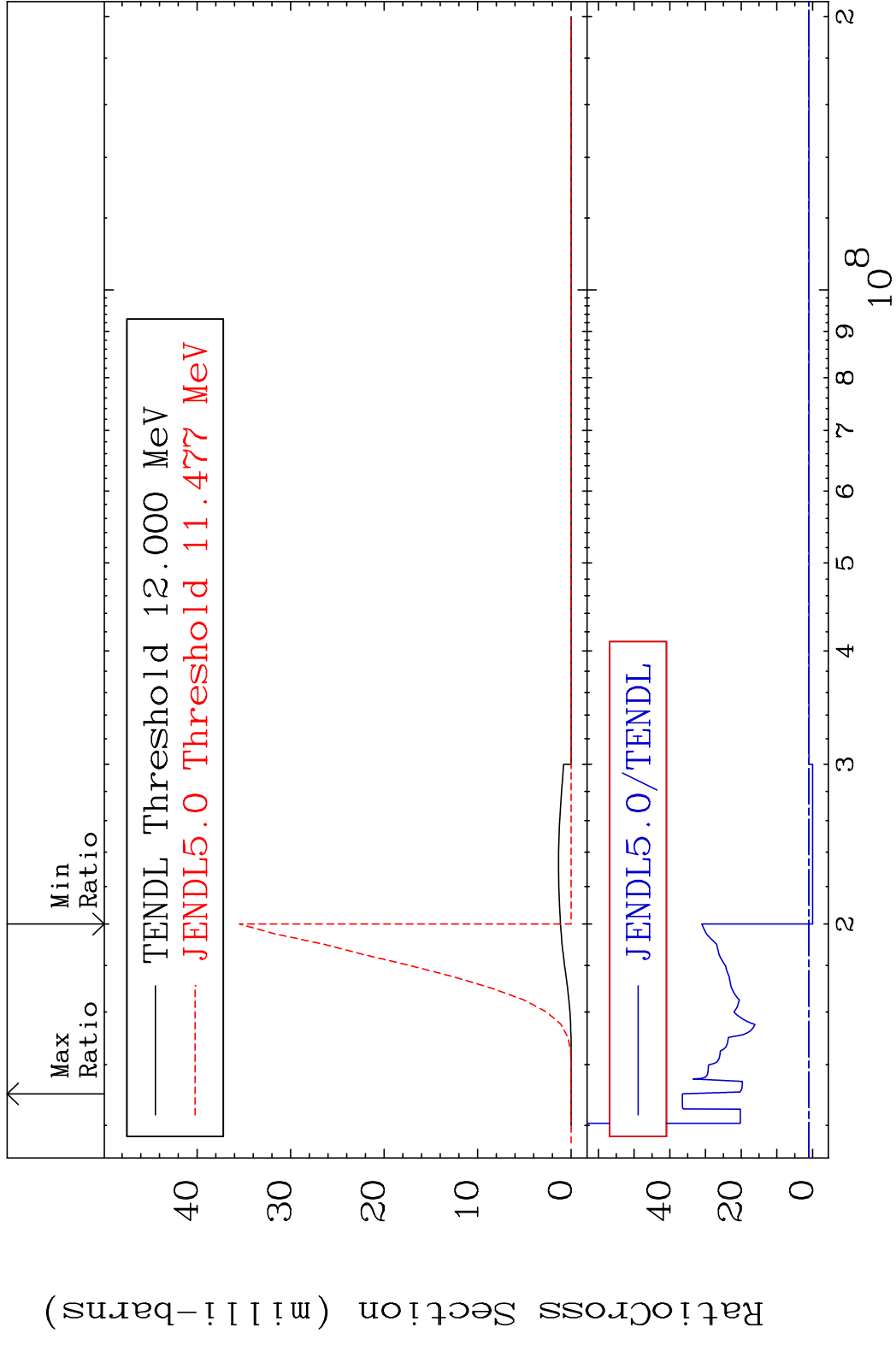


65 Incident Energy (eV) 19-K -39

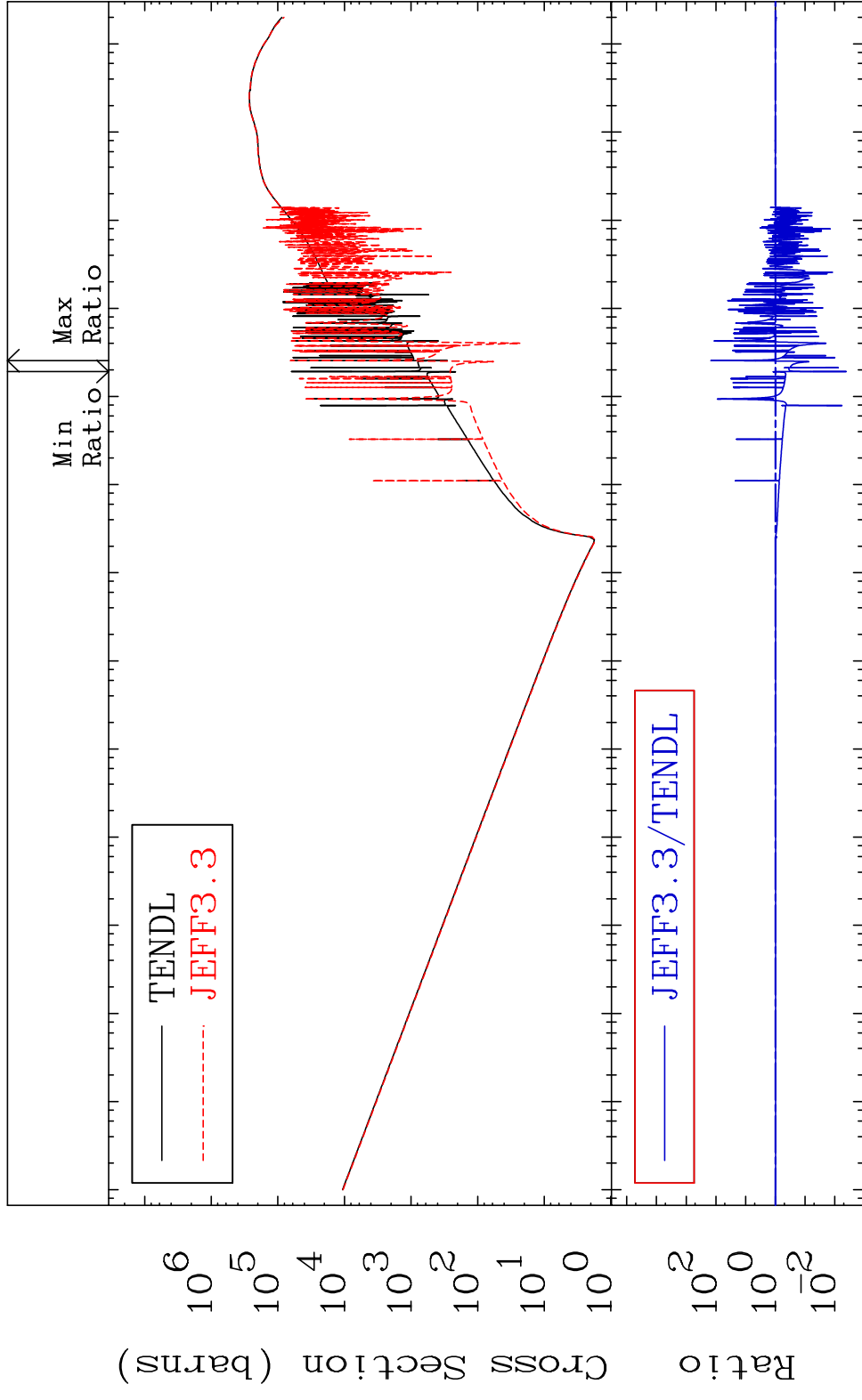






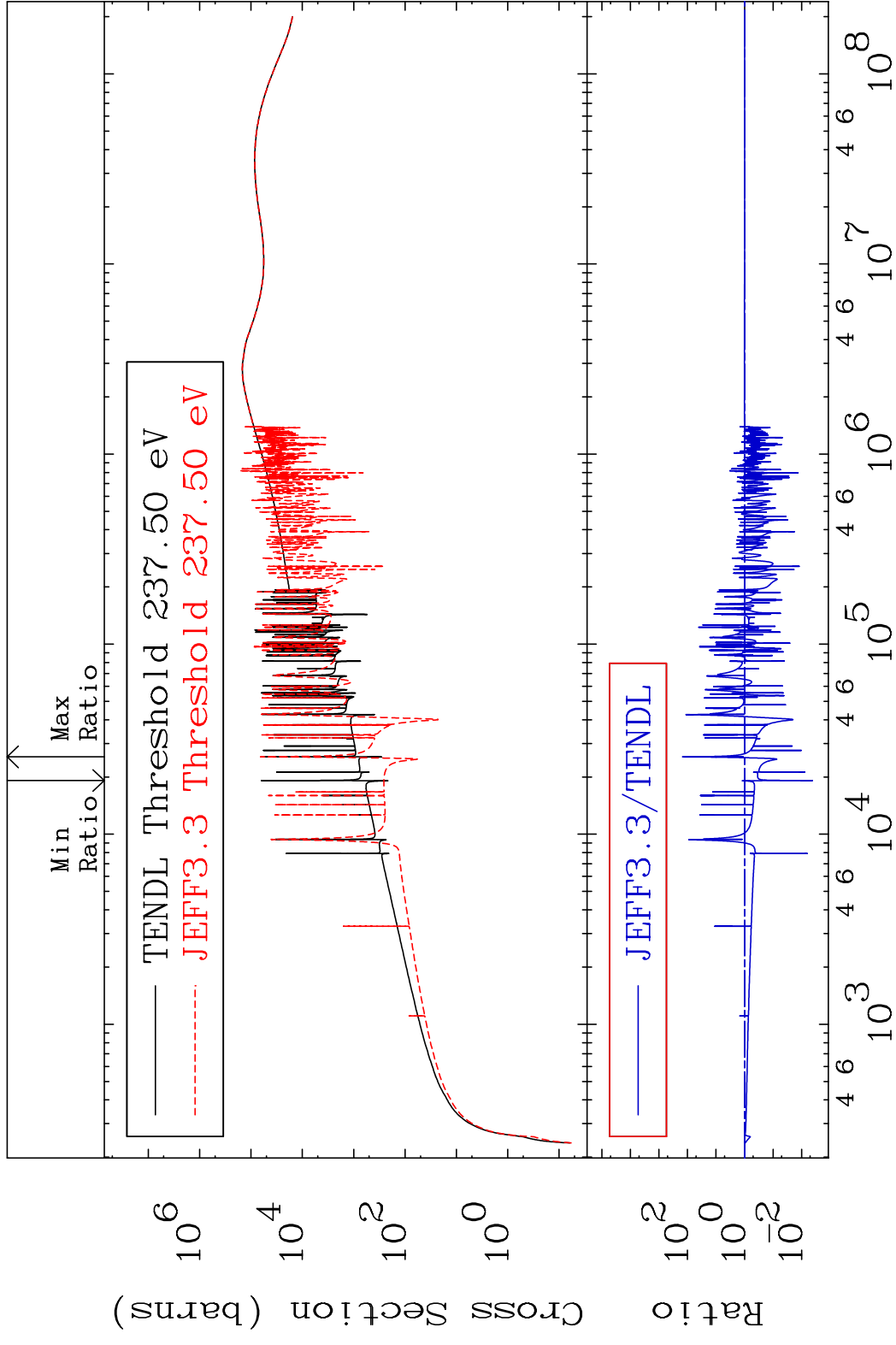


MAT 1925 Dpa total (eV-barns) 19-K -39
 Cross Section -99.59 To 9999. %

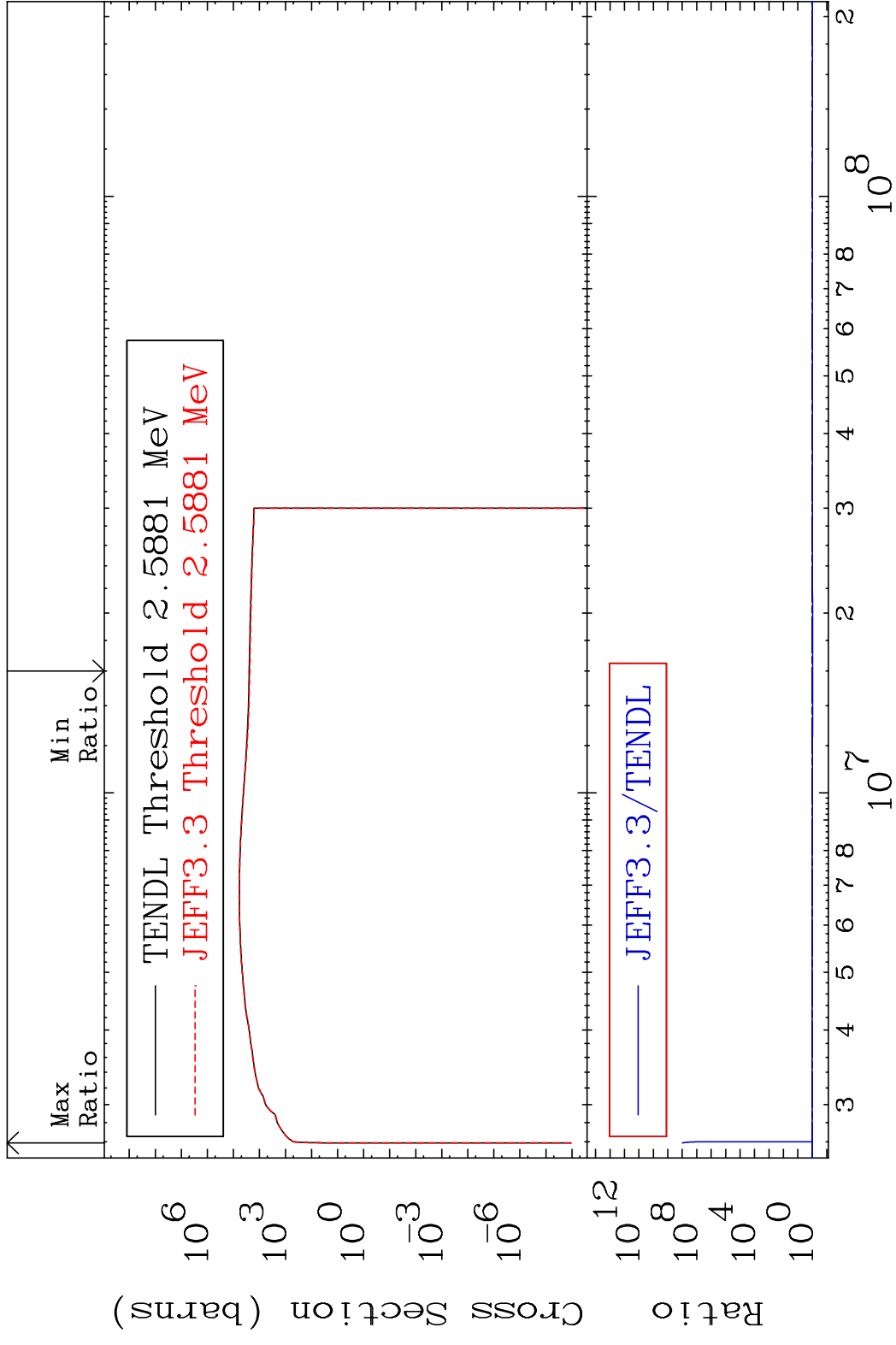


70 Incident Energy (eV) 19-K -39

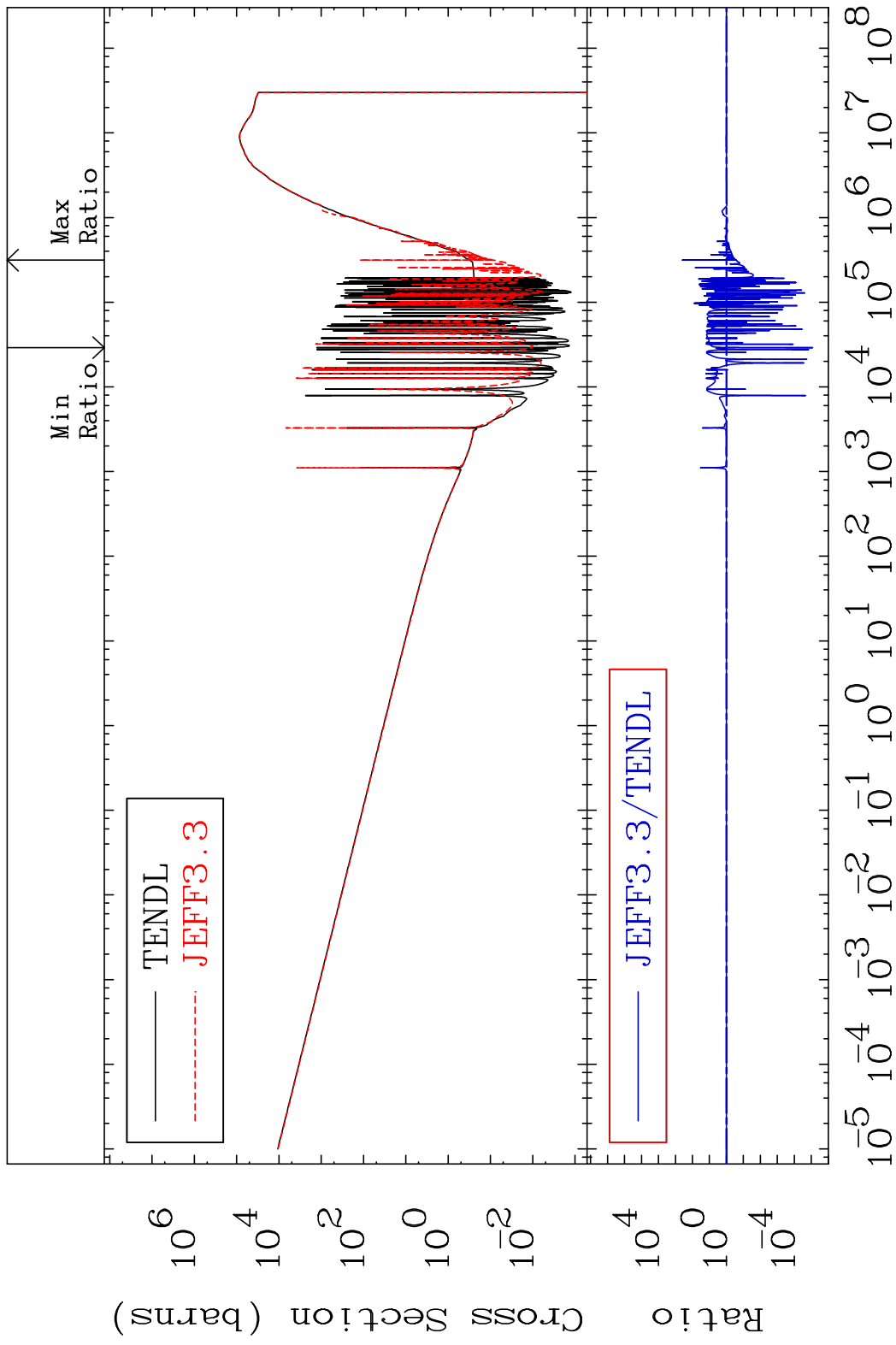
MAT 1925 Dpa elastic (mt2) 19-K -39
 Cross Section -99.59 To 9999. %



MAT 1925 Dpa inelastic (mt51-91) 19-K -39
 Cross Section -4.513 To 9999. %

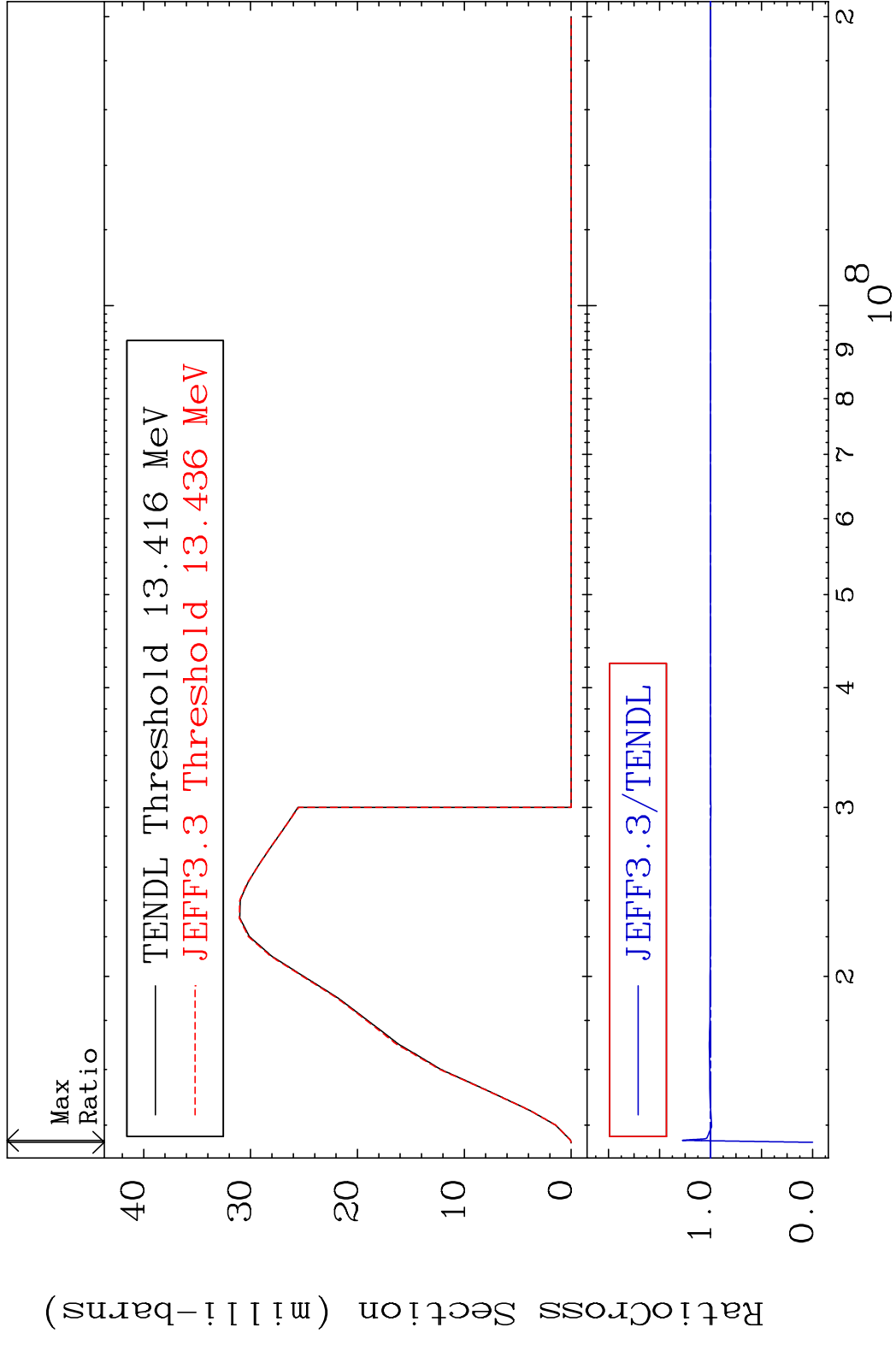


MAT 1925 Dpa disappearance (mt102 -120) 19-K -39
 Cross Section -100.0 To 9999. %

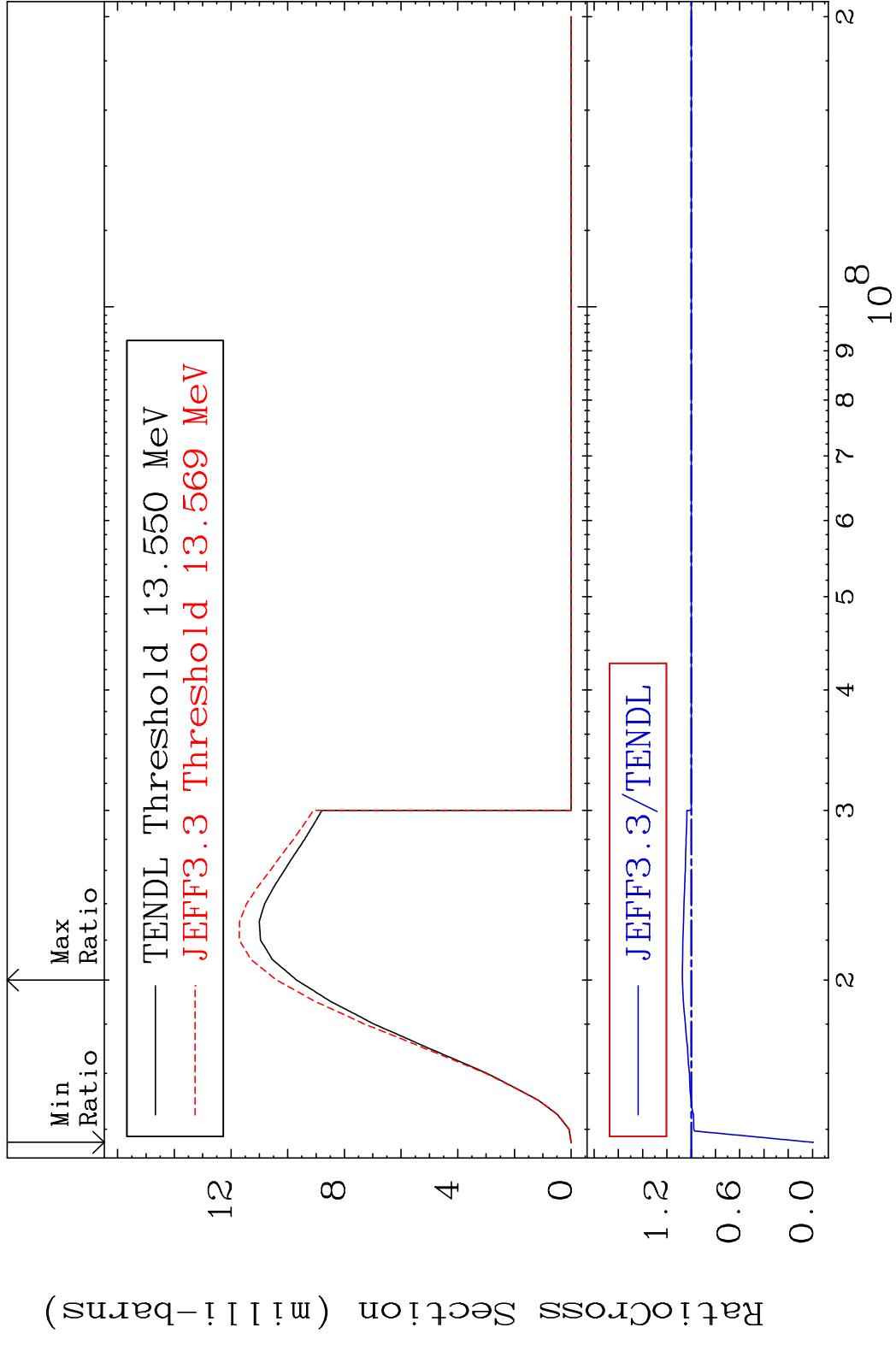


73 Incident Energy (eV) 19-K -39

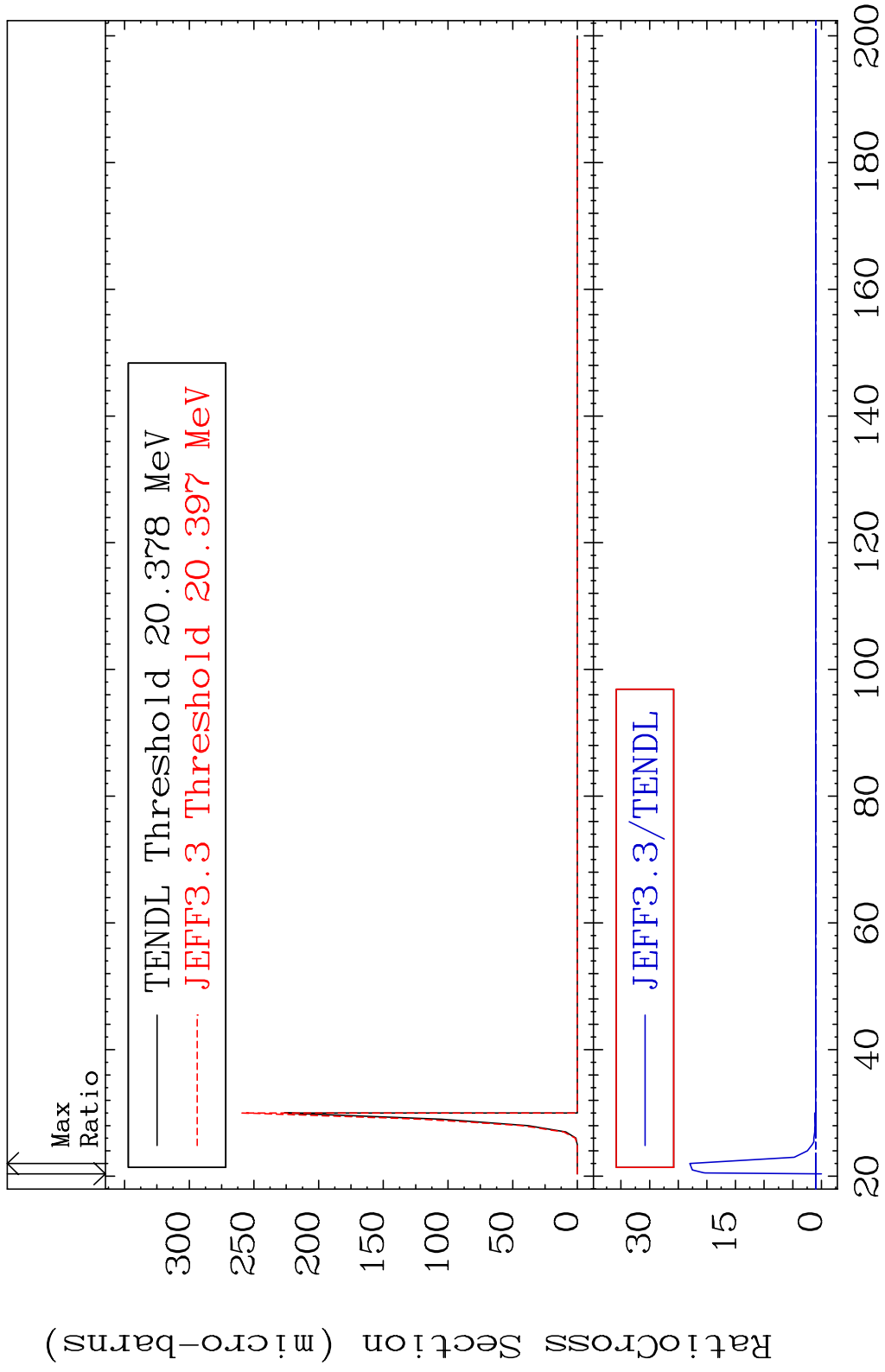
MAT 1925 (n,2n):19-K -38g 19-K -39
 Radionuclide Production Cross Section Ratio 27.64 %



MAT 1925 (n,2n):19-K -38m1 19-K -39
 Radionuclide Production Cross Section 100.00 dth 7.288 %

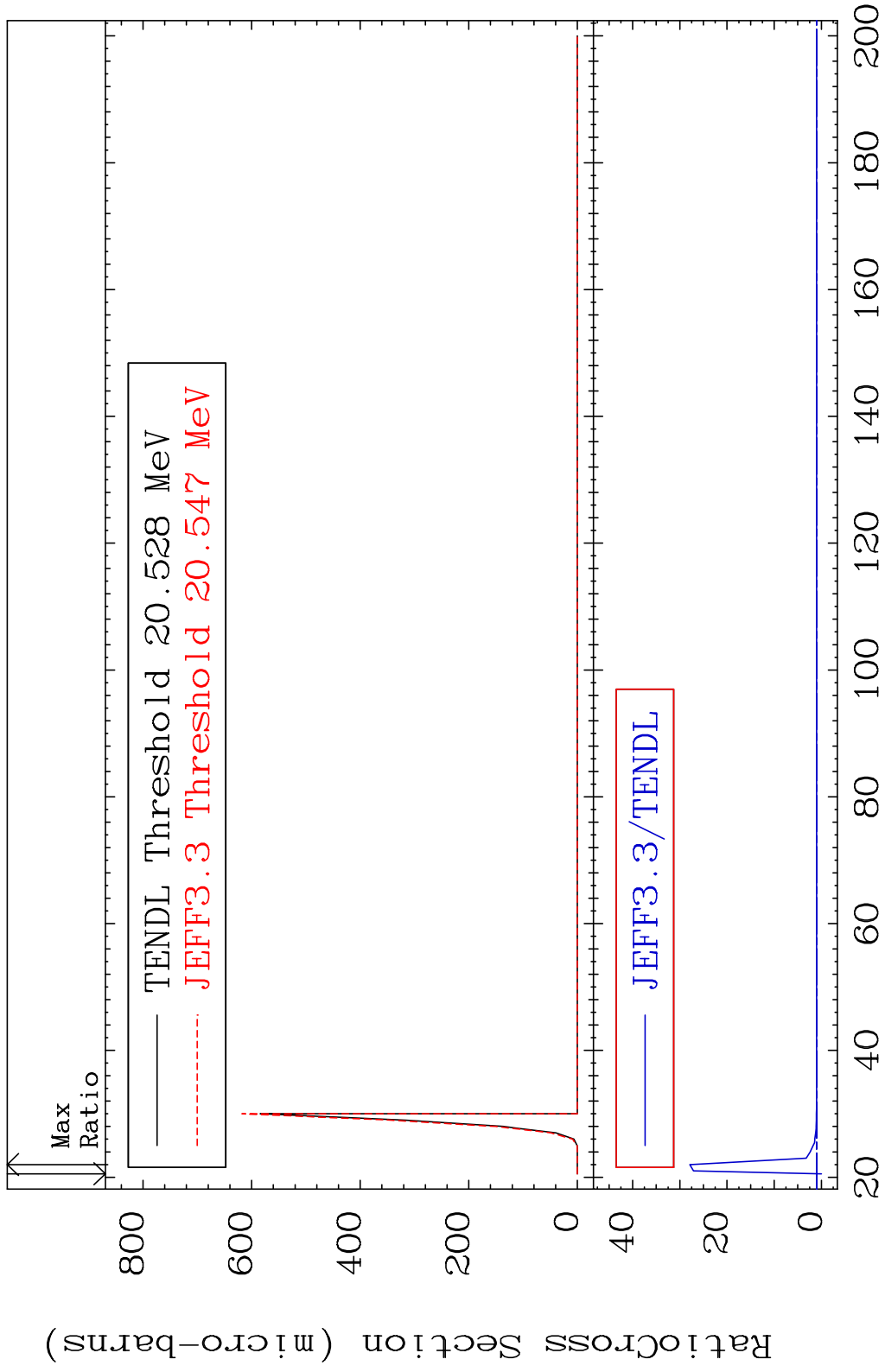


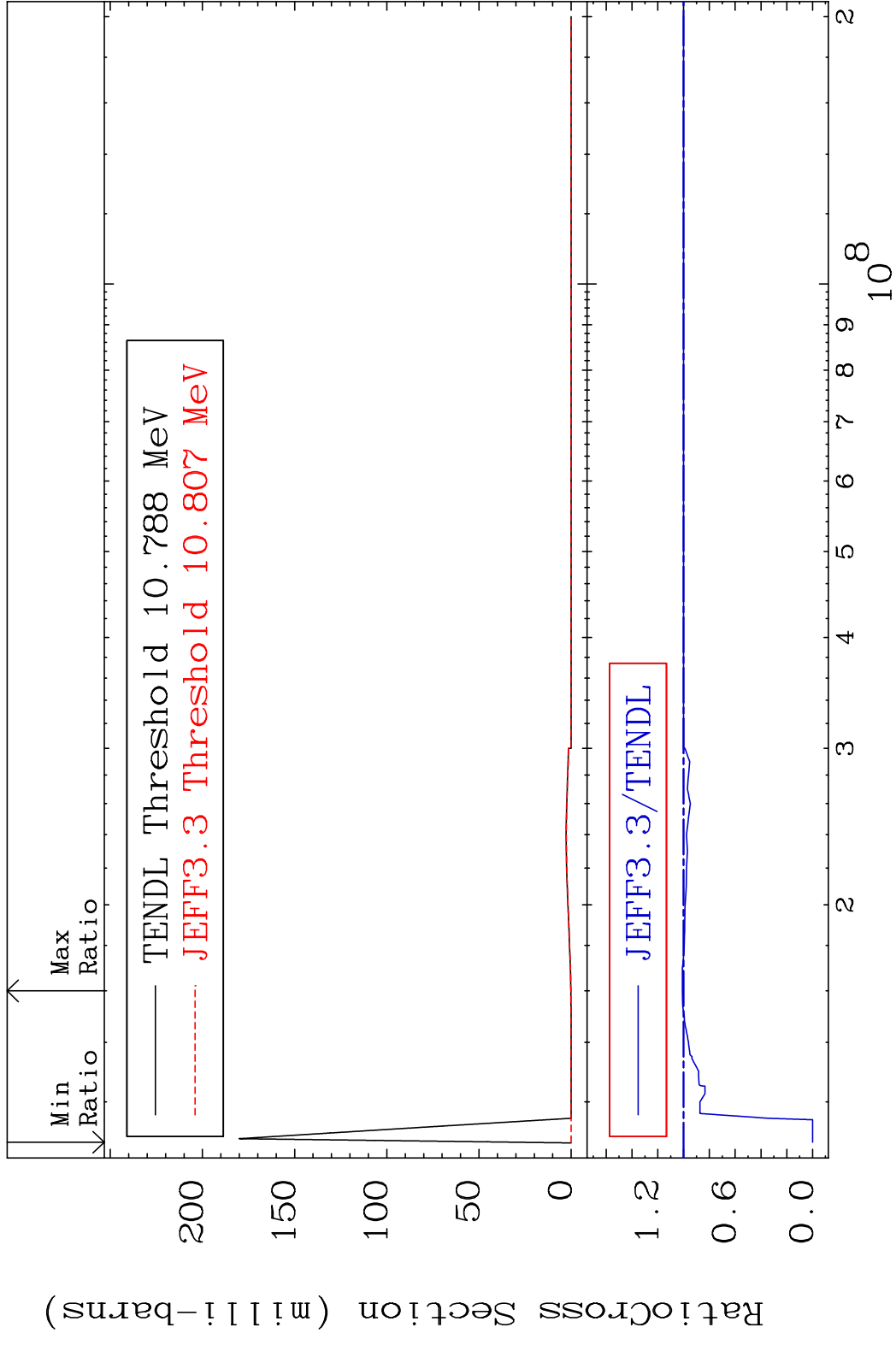
MAT 1925 (n,2n) α :17-Cl-34g 19-K -39
 Radionuclide Production Cross Section Ratio 2199. %



76 Incident Energy (MeV) 19-K -39

MAT 1925 (n,2n) α :17-Cl-34m1 19-K -39
 Radionuclide Production Cross Section Ratio 2690. %





MAT 1925 (n,2p):17-C1-38m1 19-K -39
 Radionuclide Production Cross Section to 6.819 %

