

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

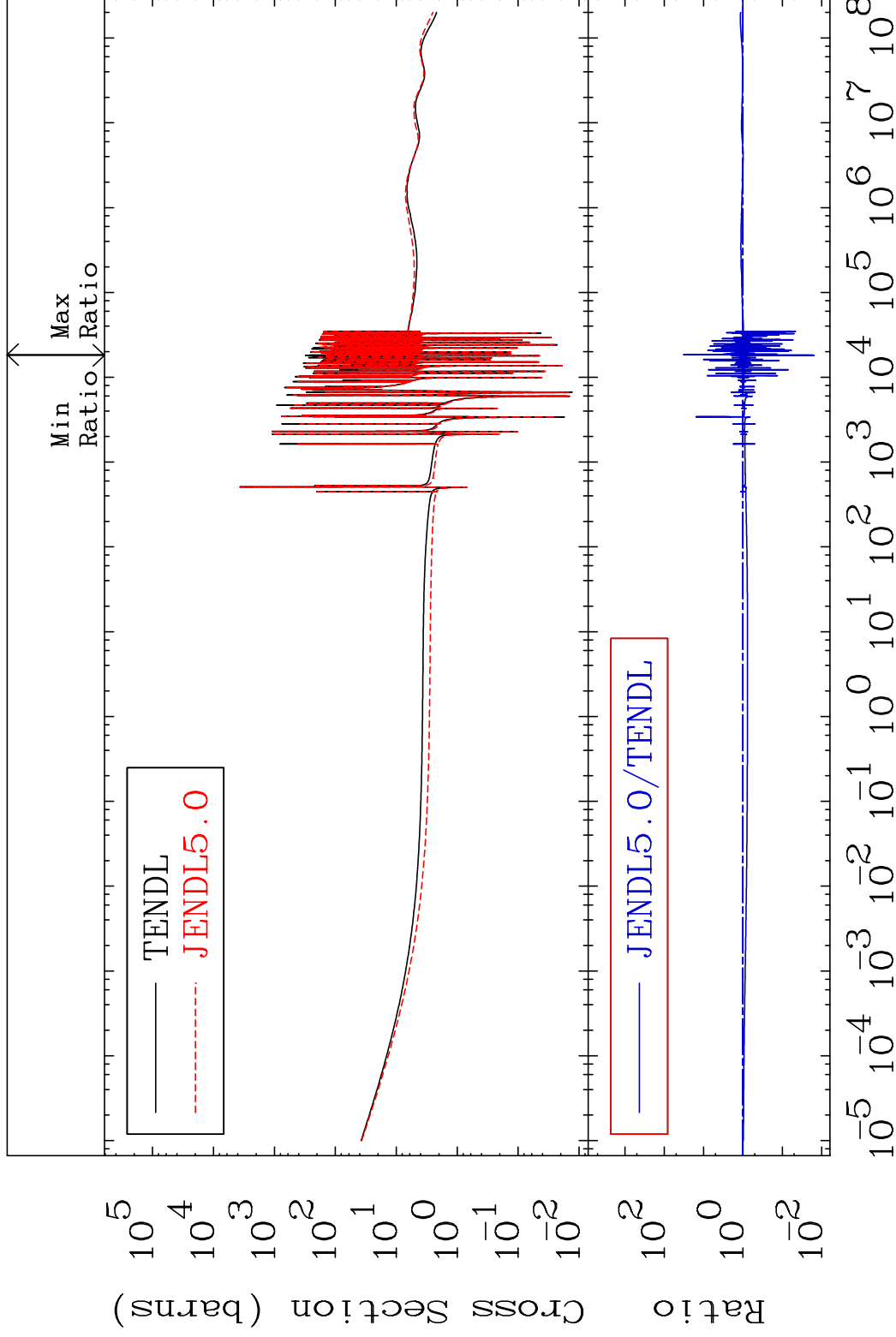
MAT 5643

Total

56-Ba-136

Cross Section

-98.45 To 3119. %



1

Incident Energy (eV)

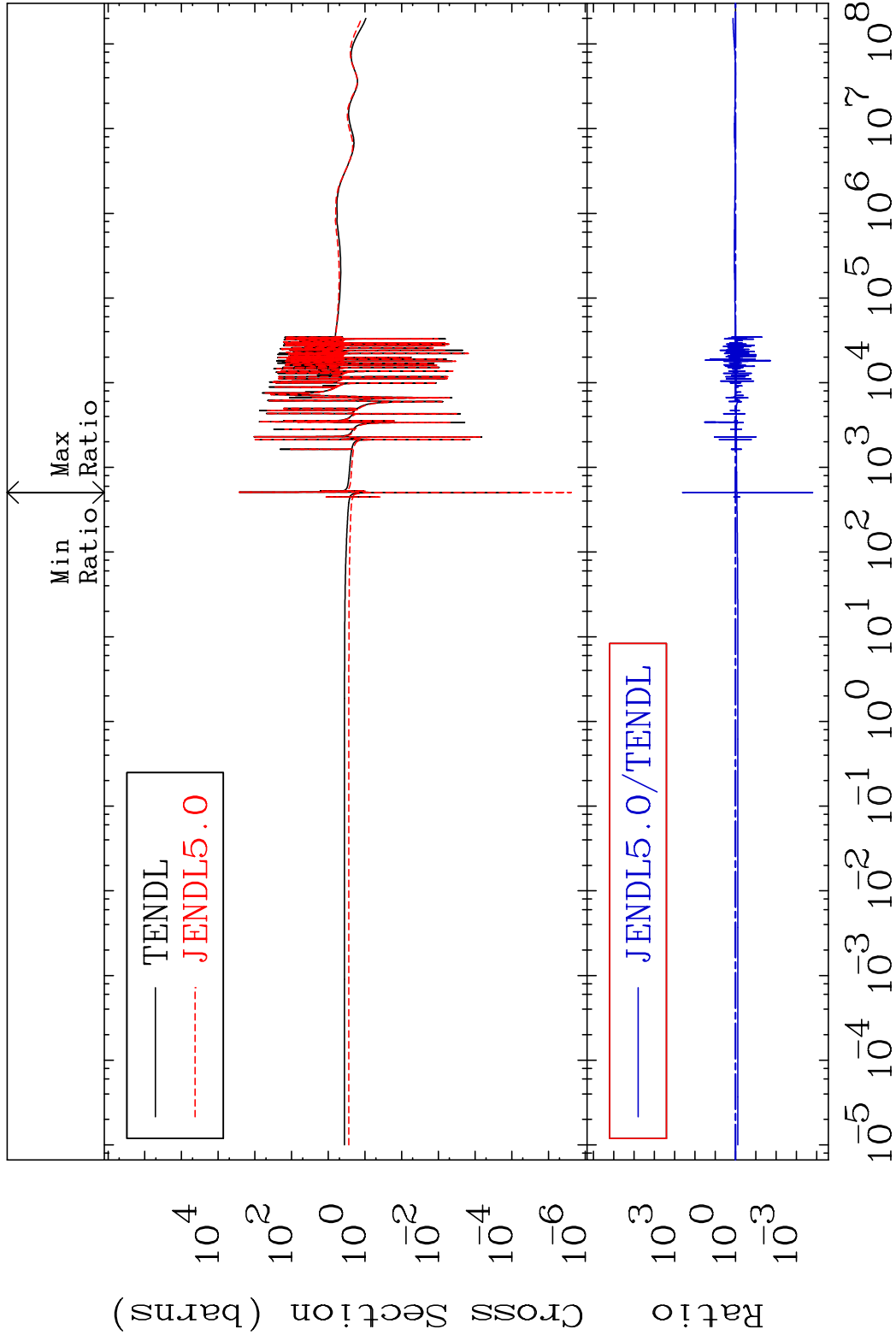
56-Ba-136

MAT 5643

Elastic

56-Ba-136

Cross Section -99.98 To 9999. %



2

Incident Energy (eV)

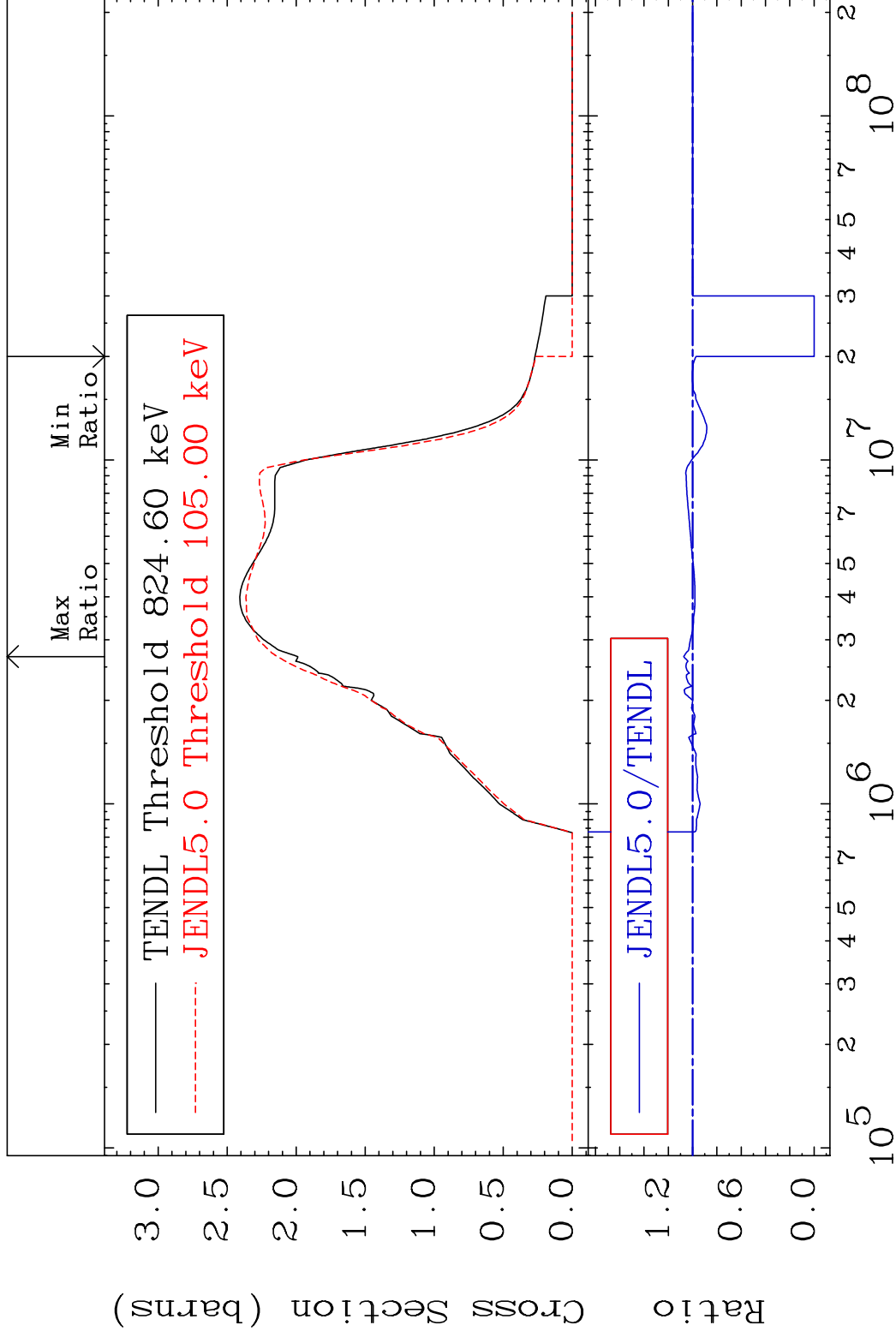
56-Ba-136

MAT 5643

Inelastic

56-Ba-136

Cross Section -100.0 To 7.375 %

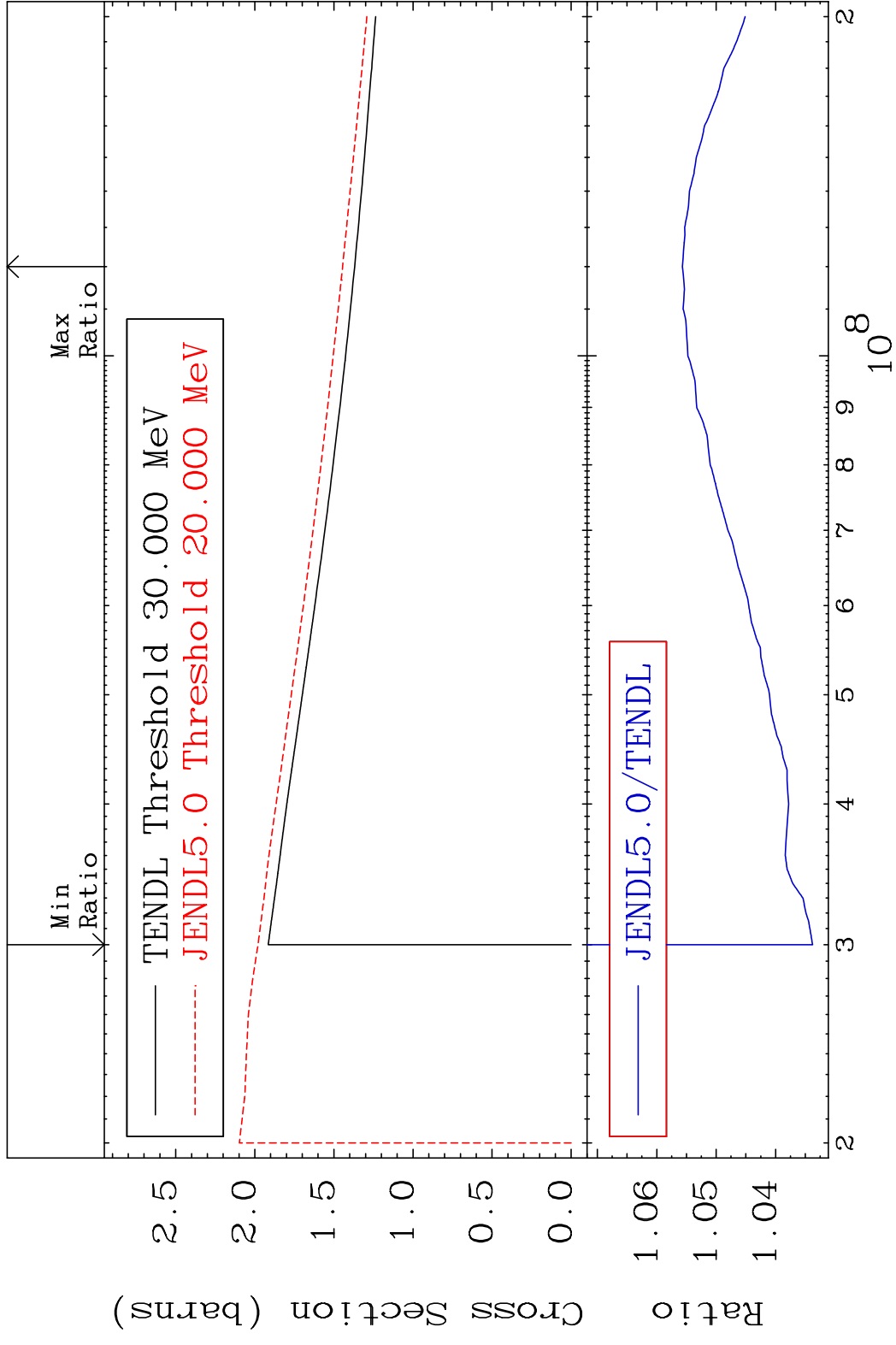


3

Incident Energy (eV)

56-Ba-136

MAT 5643 (n, remainder) 56-Ba-136  
 Cross Section 3.378 To 5.569 %



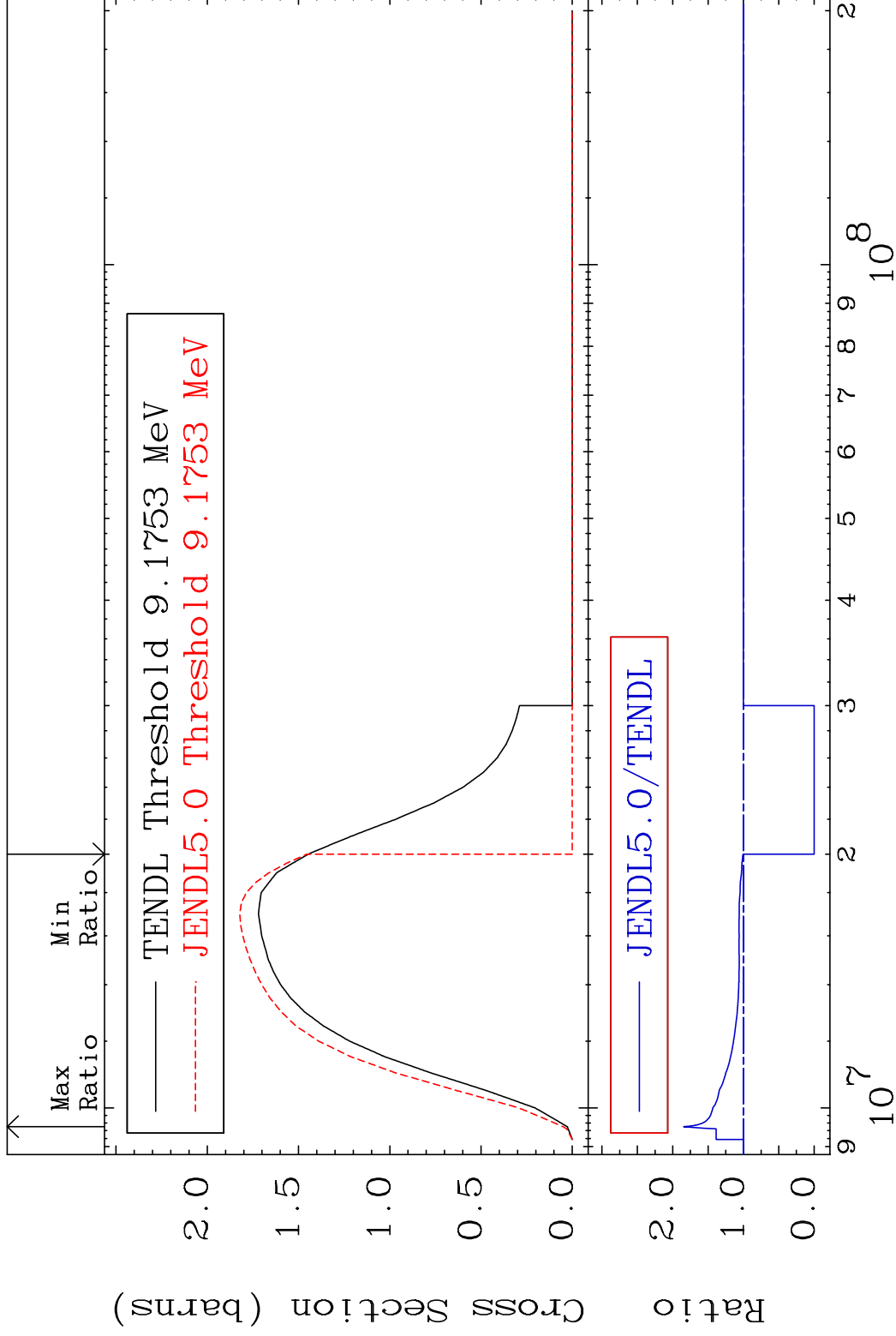
4 Incident Energy (eV) 56-Ba-136

MAT 5643

(n,2n)

56-Ba-136

Cross Section -100.0 To 84.51 %



5

Incident Energy (eV)

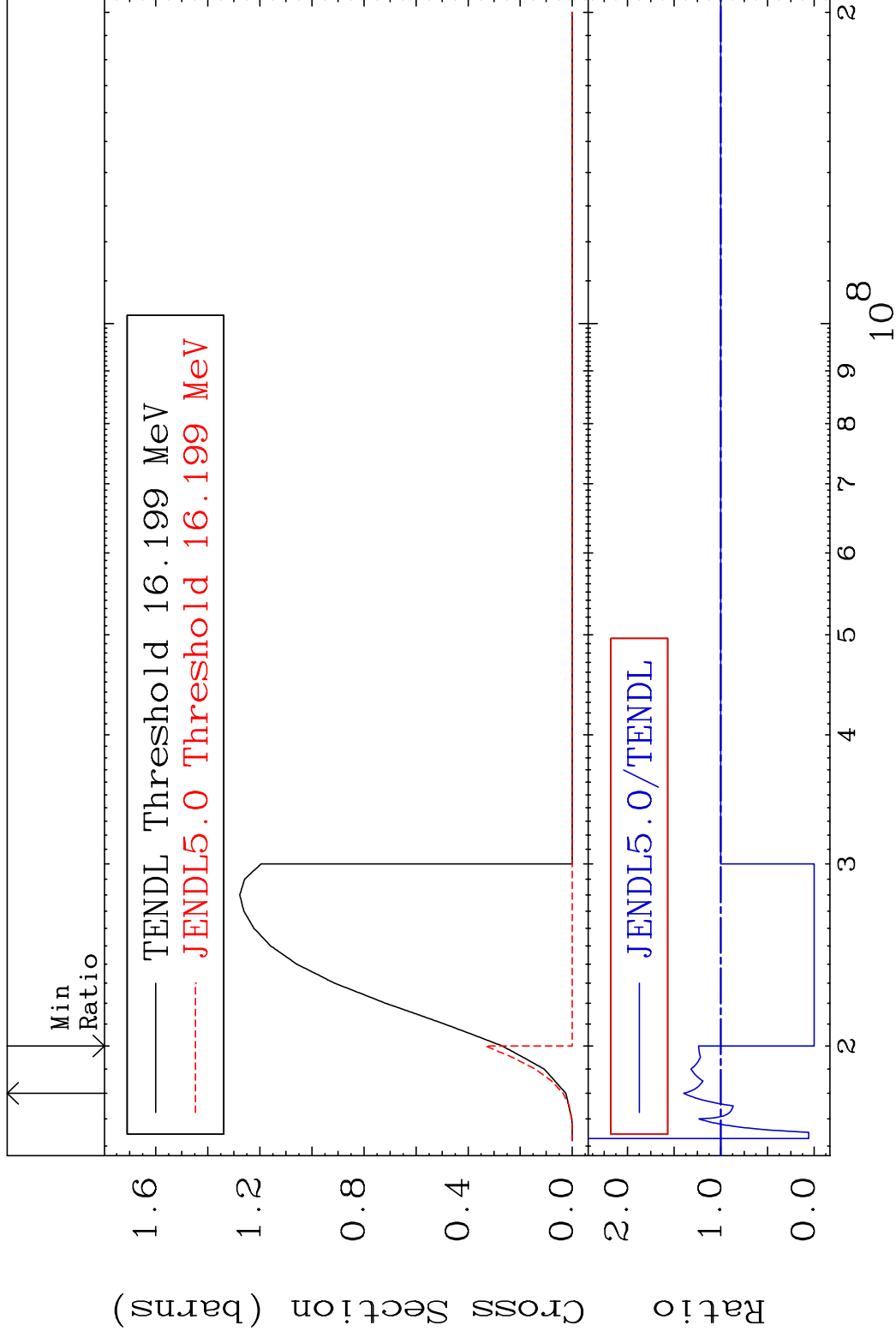
56-Ba-136

MAT 5643

(n,3n)

56-Ba-136

Cross Section -100.0 To 39.83 %



6

Incident Energy (eV)

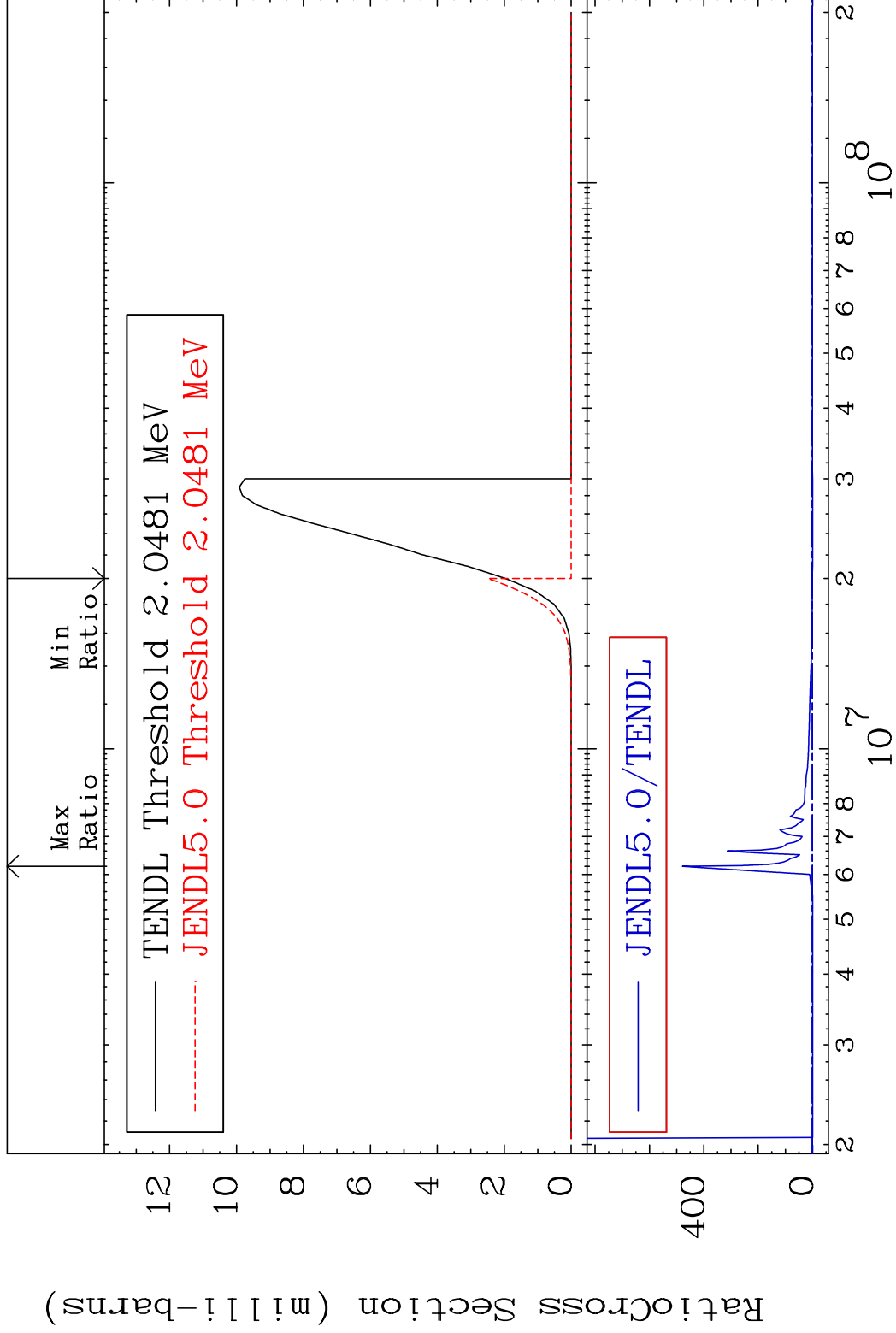
56-Ba-136

MAT 5643

(n, n')  $\alpha$

56-Ba-136

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

56-Ba-136

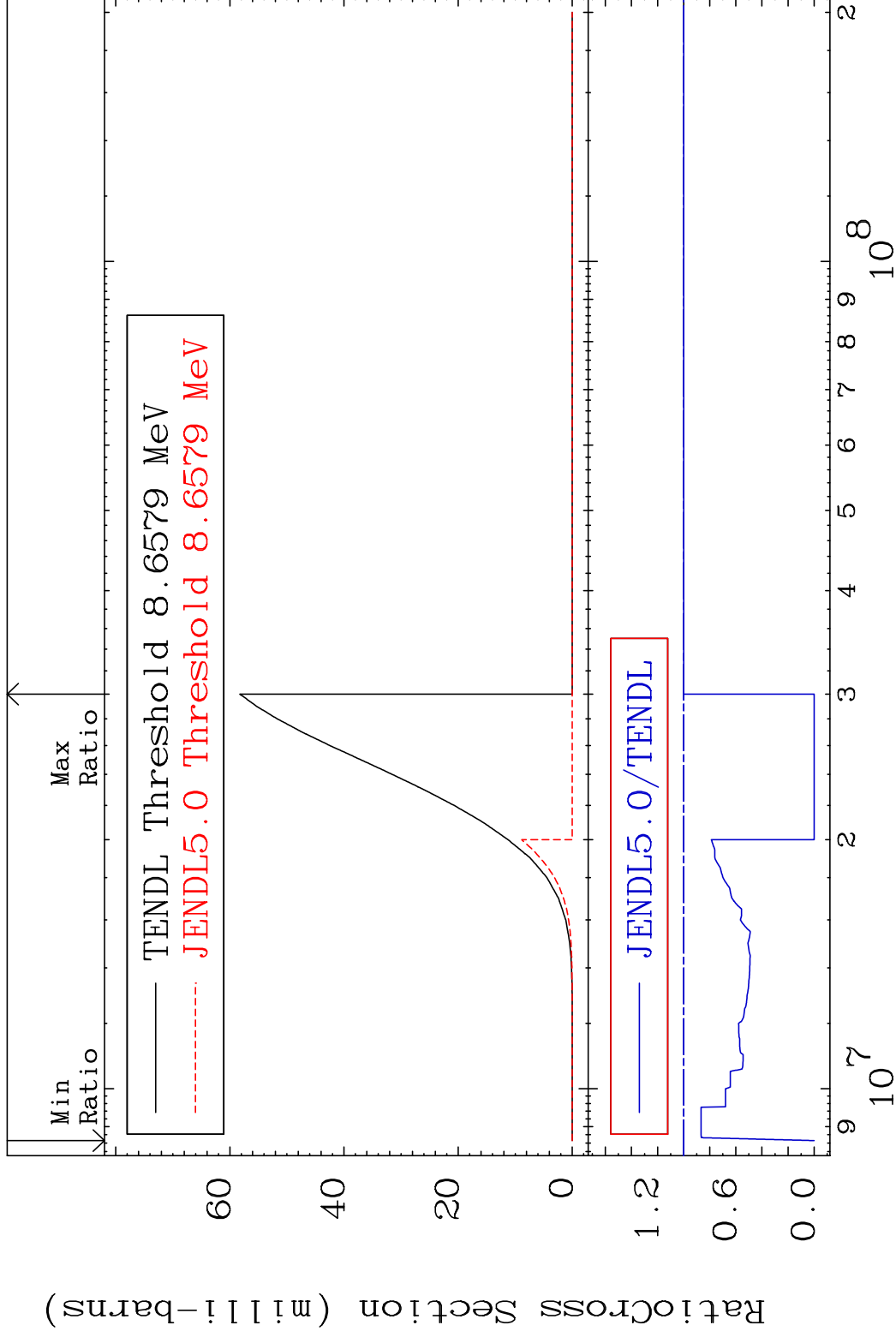


MAT 5643

(n, n') p

56-Ba-136

Cross Section -100.0 To 0.000 %



8

Incident Energy (eV)

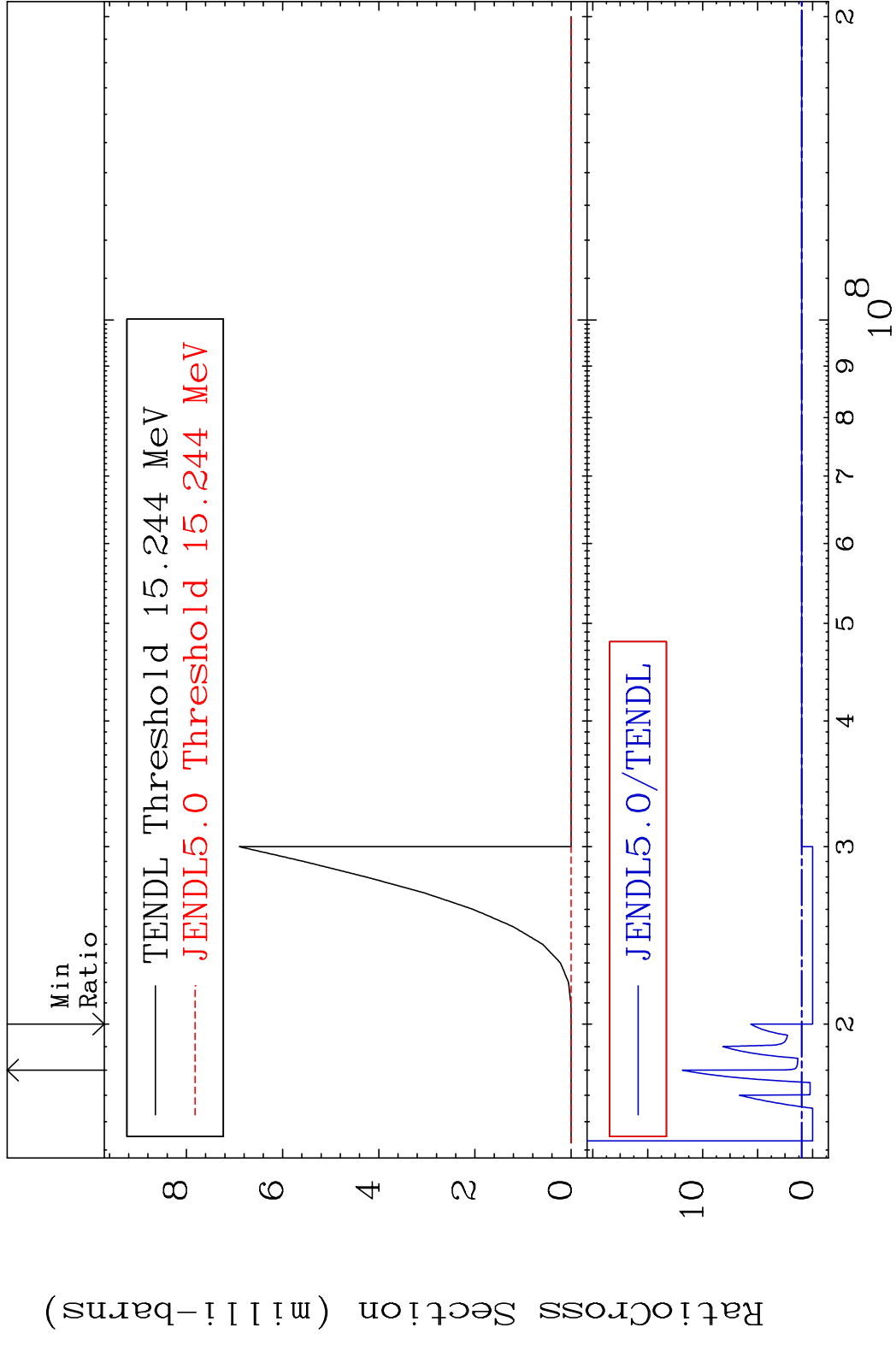
56-Ba-136

MAT 5643

(n, n') d

56-Ba-136

Cross Section -100.0 To 1084. %

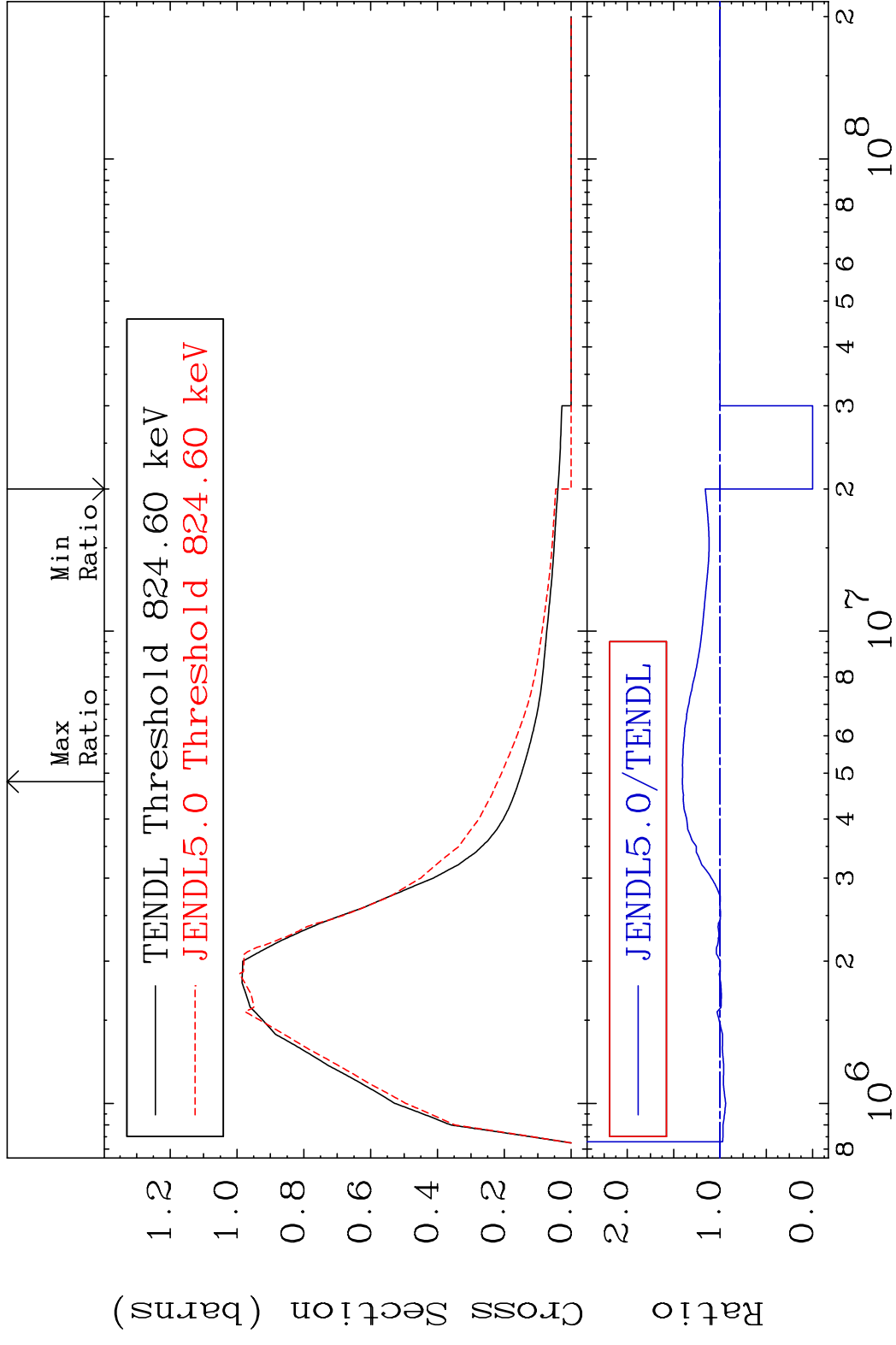


9

Incident Energy (eV)

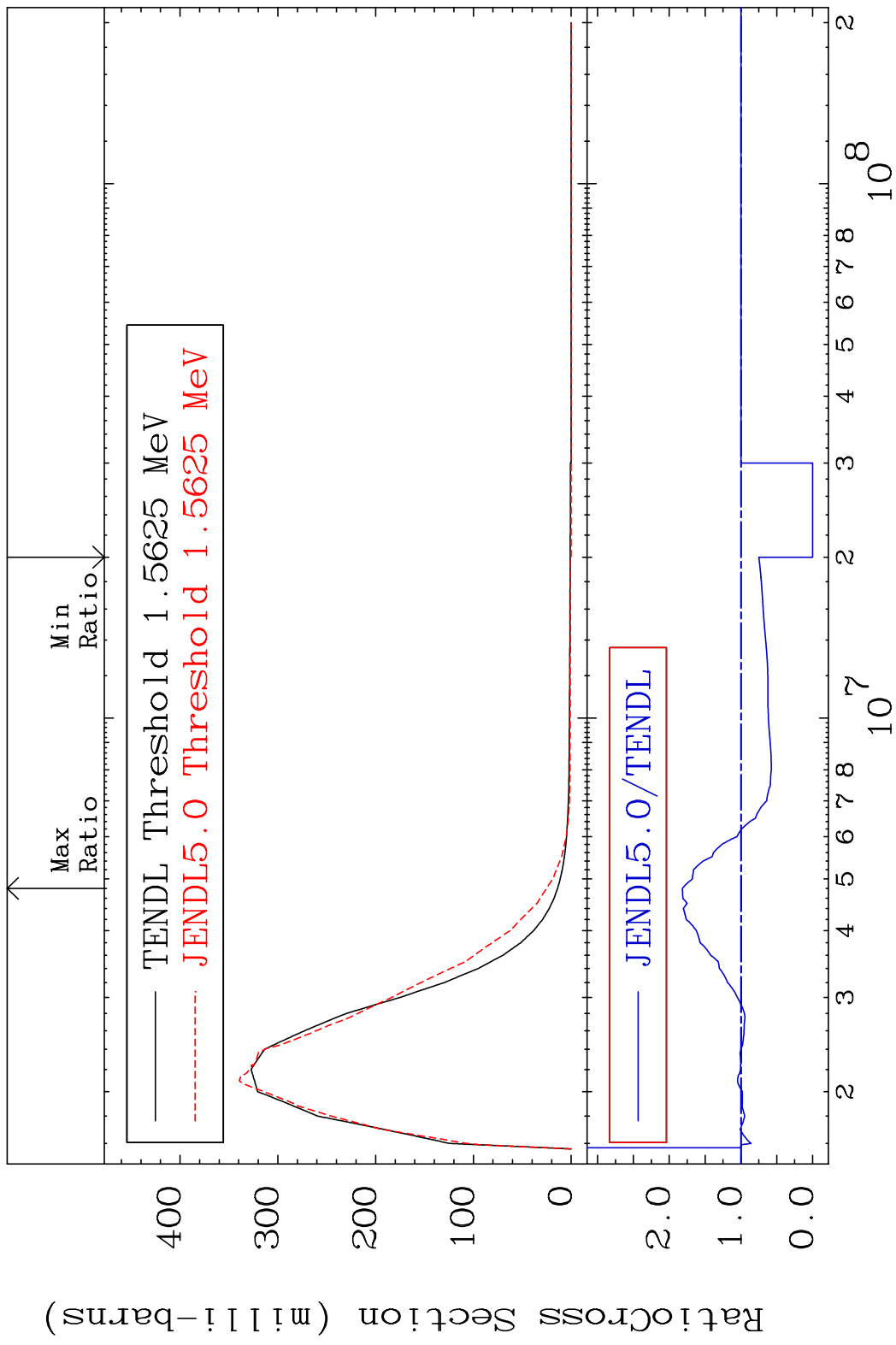
56-Ba-136

MAT 5643 MT= 51 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 40.57 %

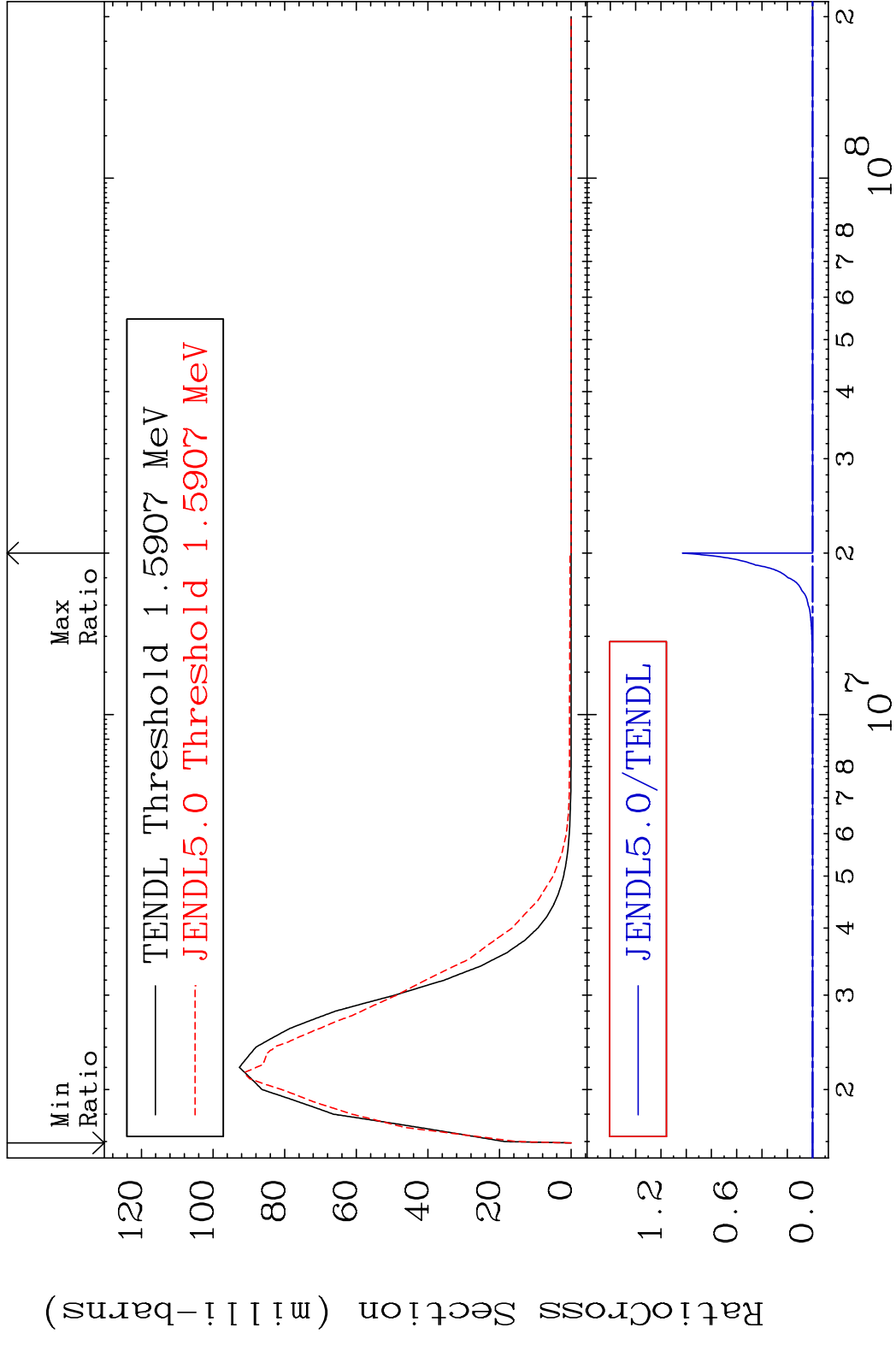


10 Incident Energy (eV) 56-Ba-136

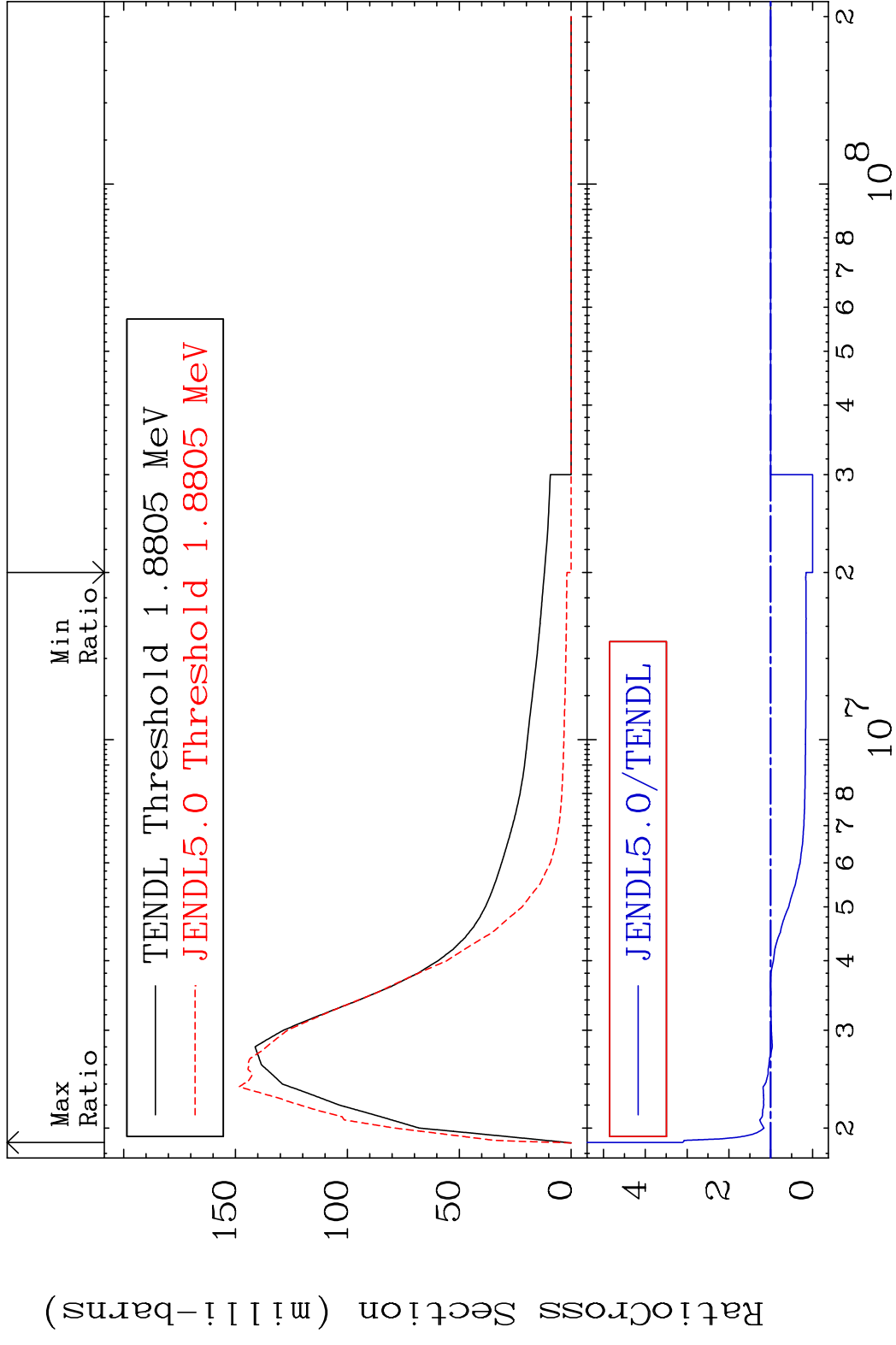
MAT 5643 MT= 52 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 81.74 %



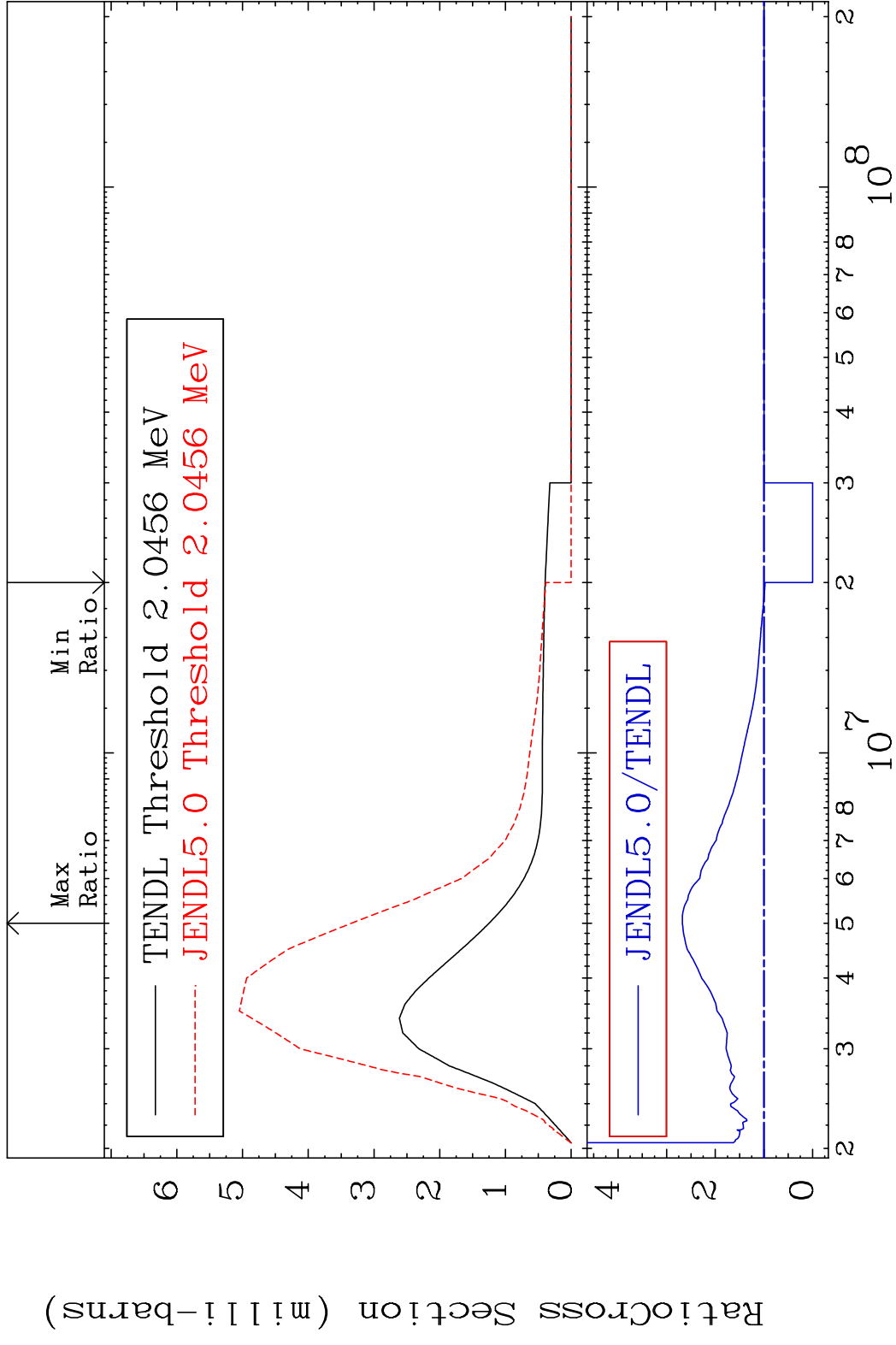
MAT 5643 MT= 53 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 9999. %



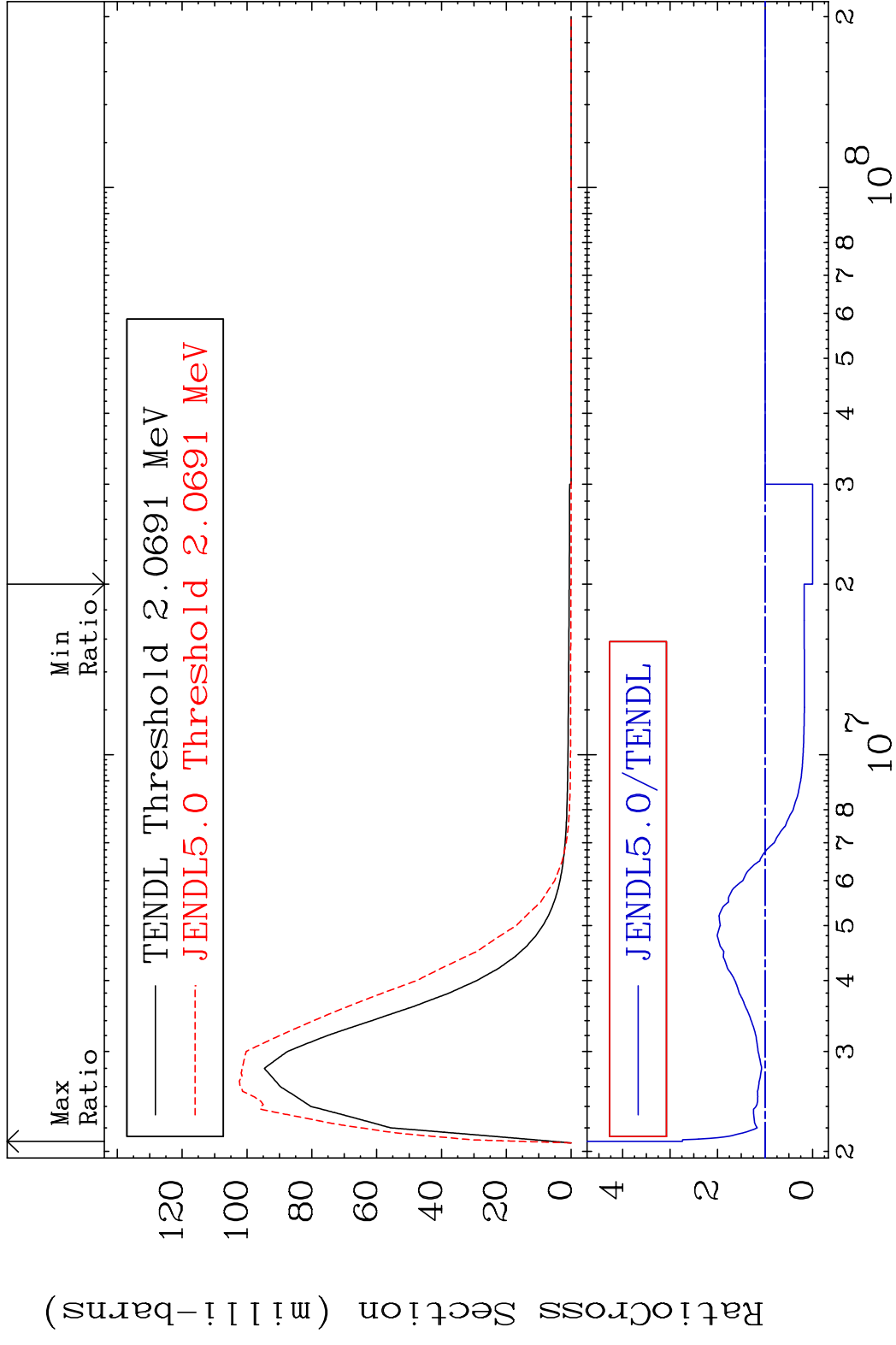
MAT 5643 MT= 54 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 211.4 %



MAT 5643 MT= 55 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 167.7 %

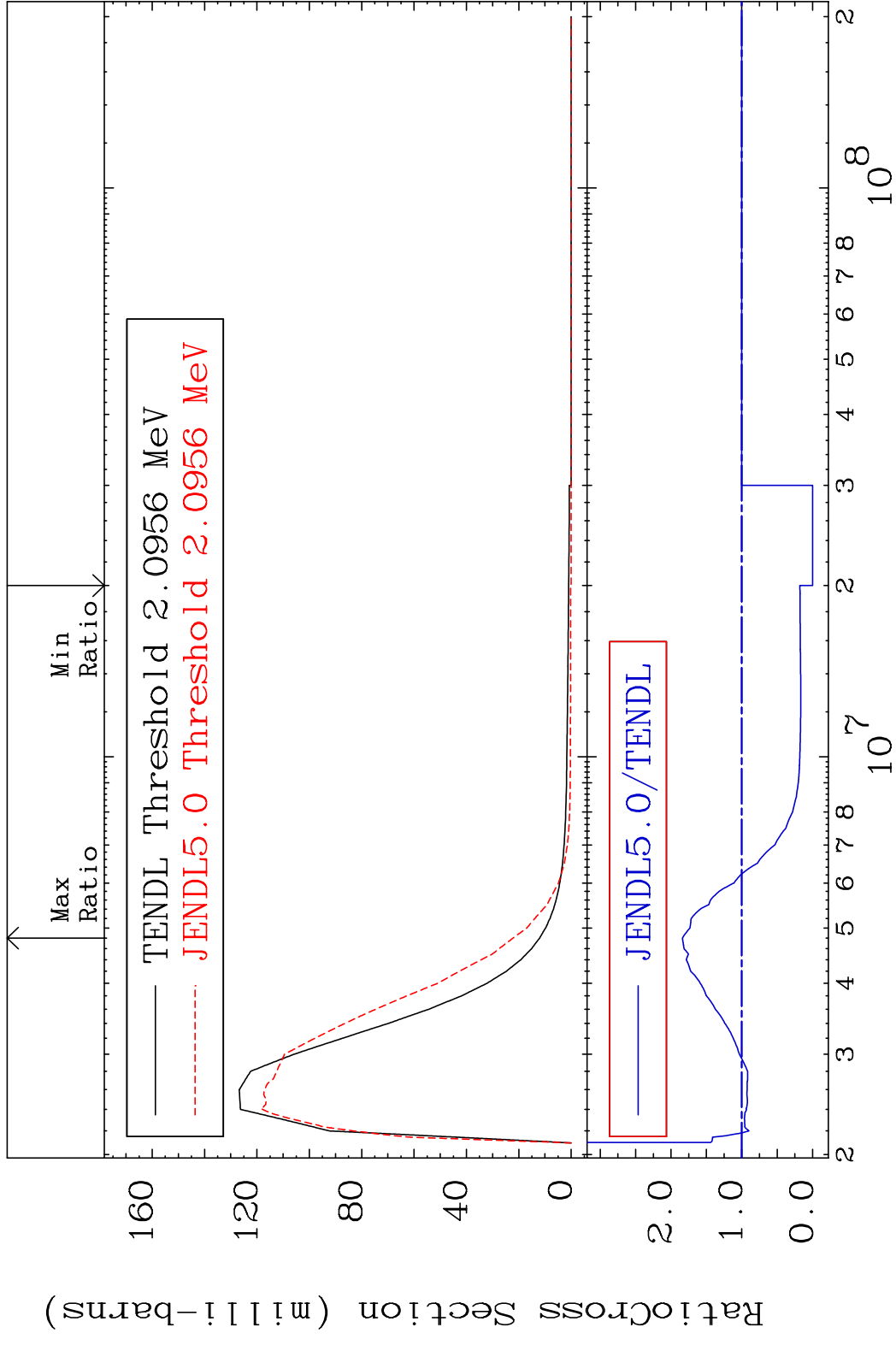


MAT 5643 MT= 56 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 174.2 %

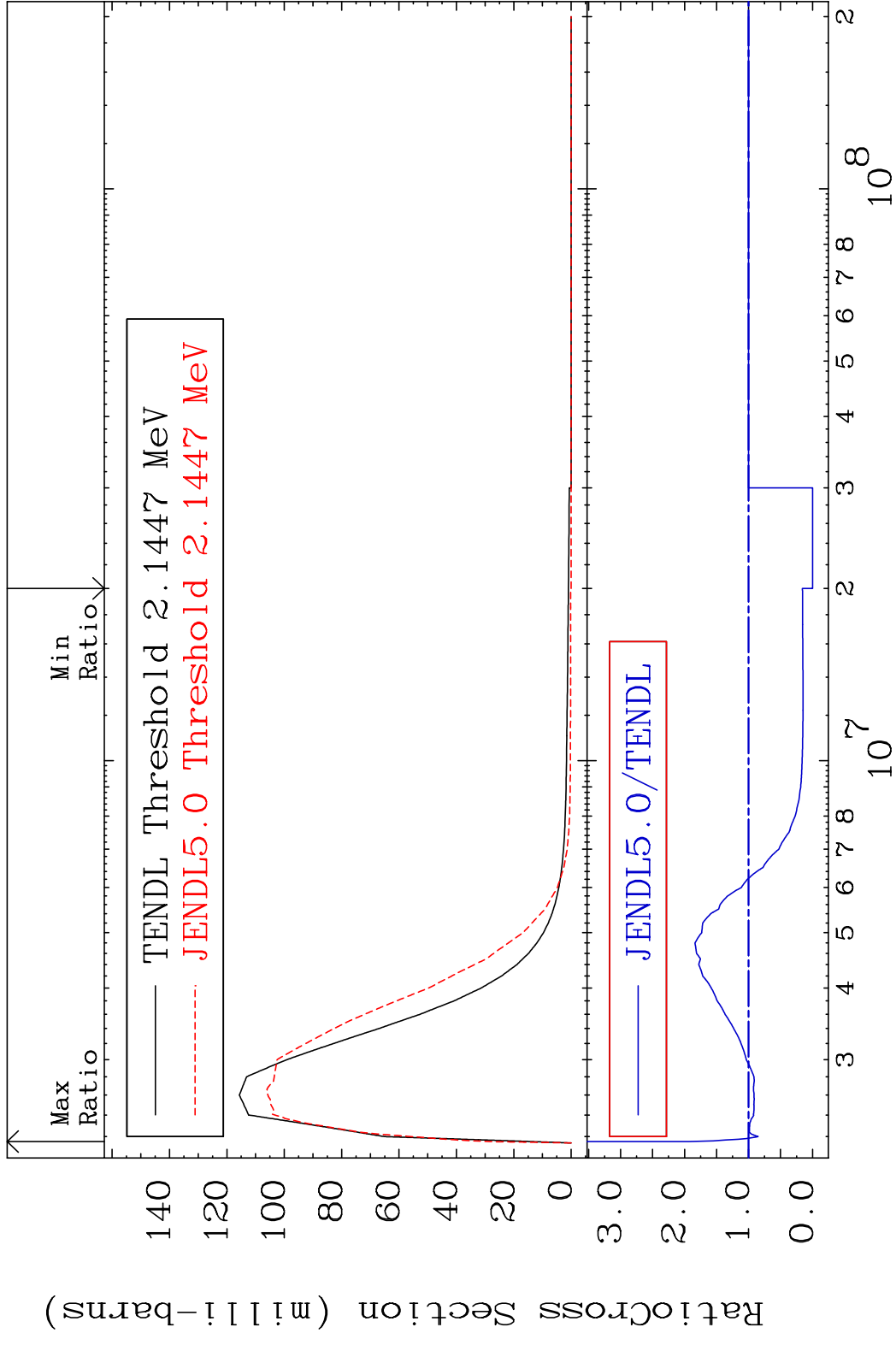




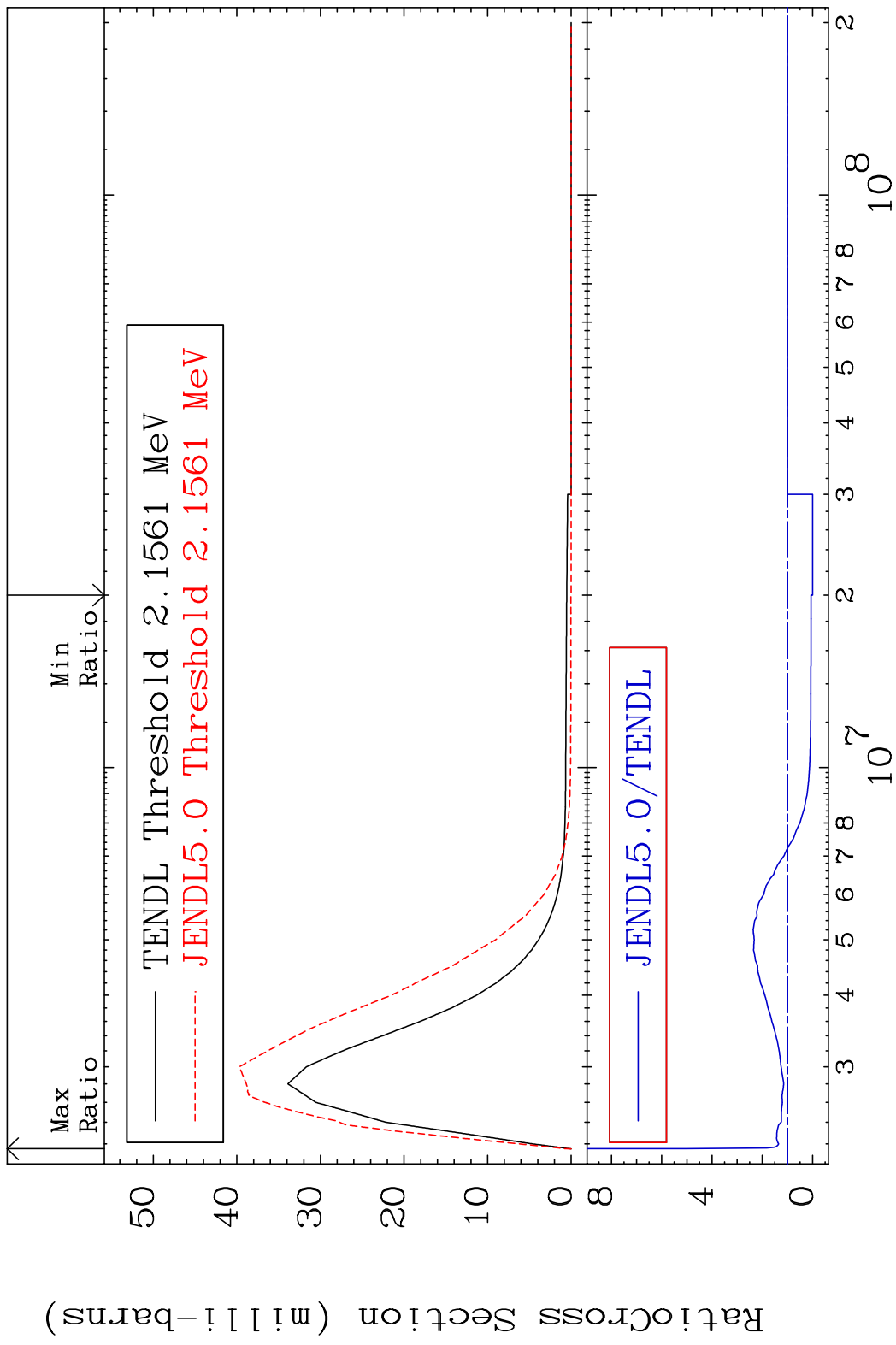
MAT 5643 MT= 57 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 83.98 %



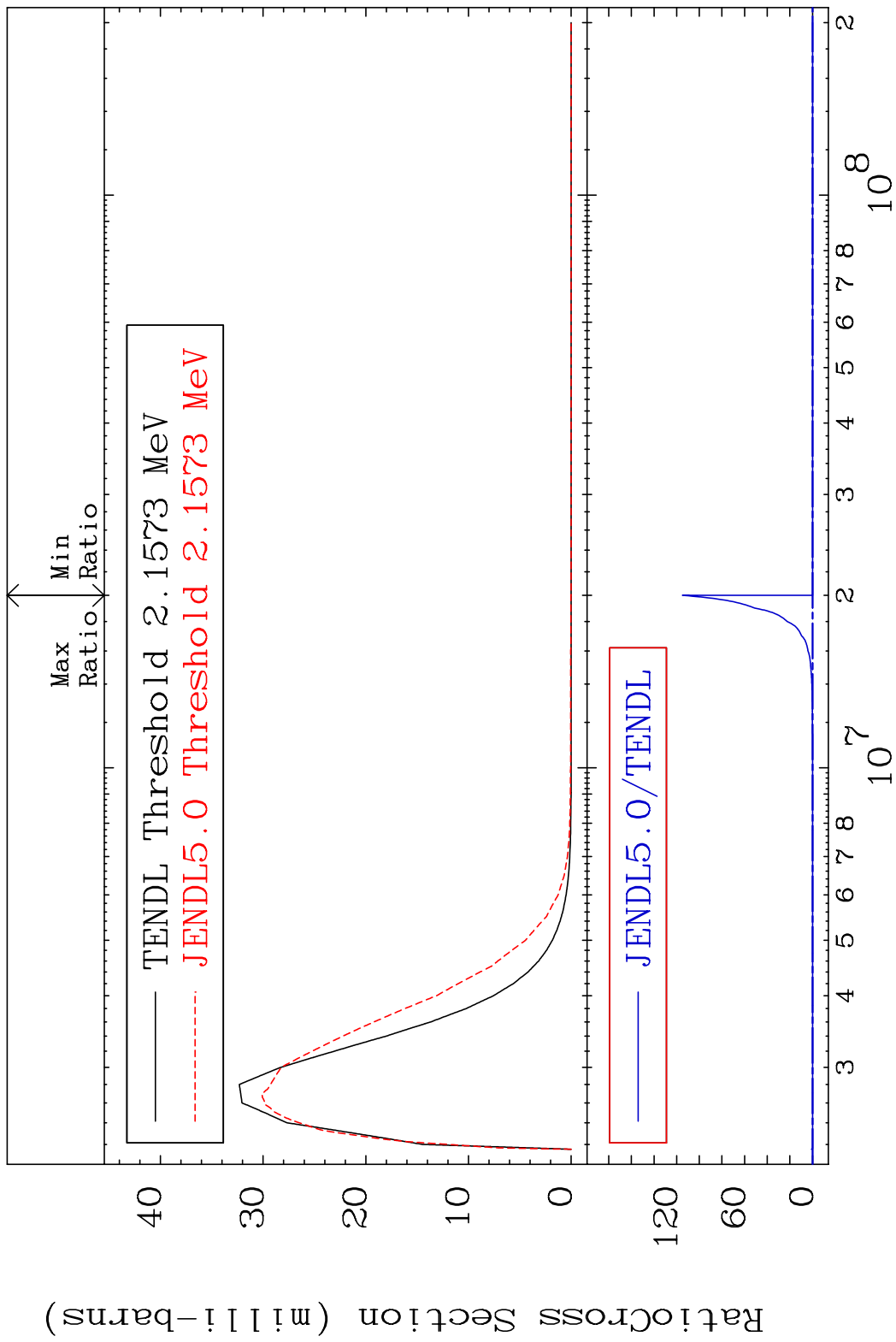
MAT 5643 MT= 58 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 103.5 %



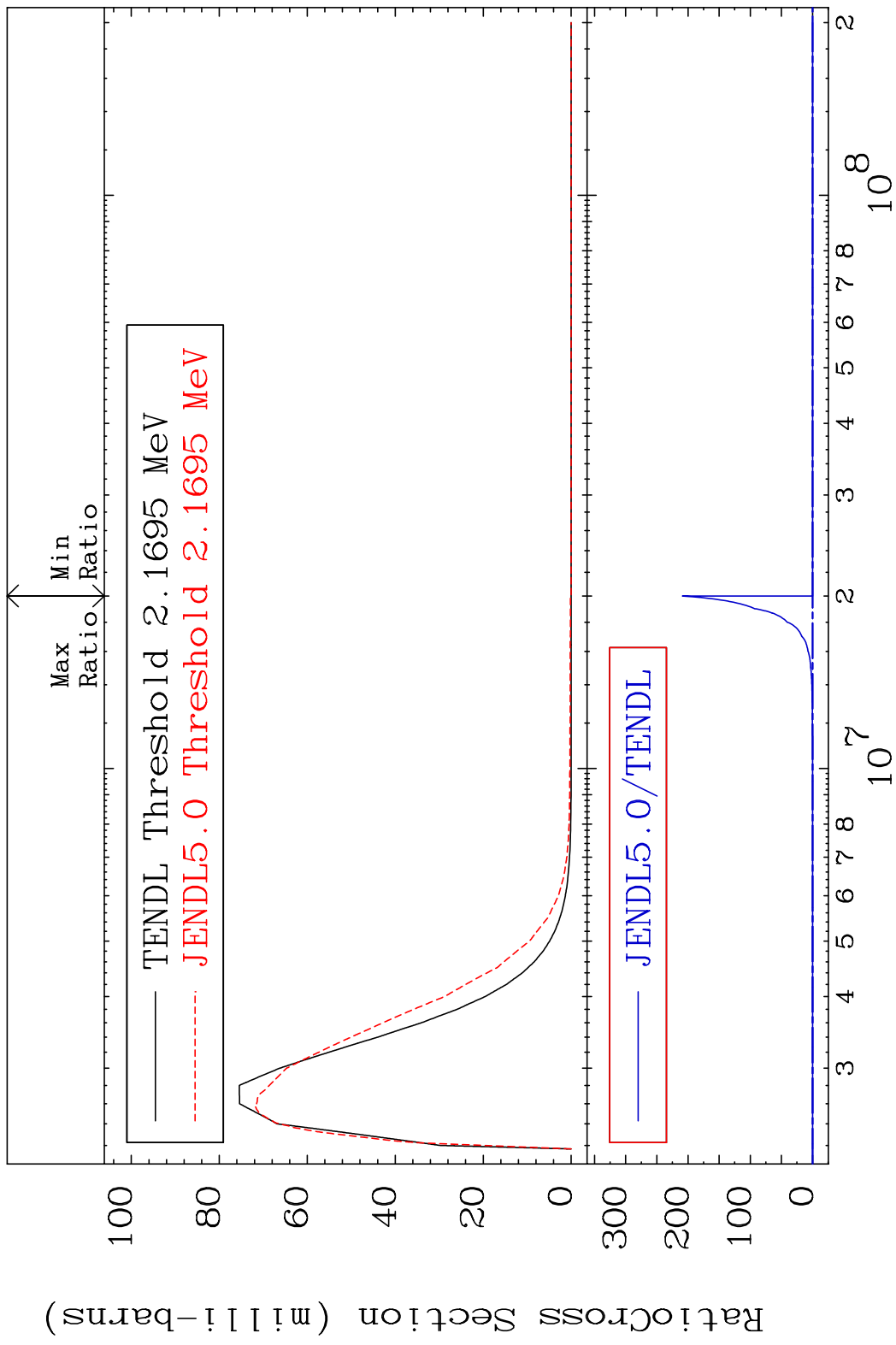
MAT 5643 MT= 59 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 417.8 %



MAT 5643 MT= 60 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 9999. %

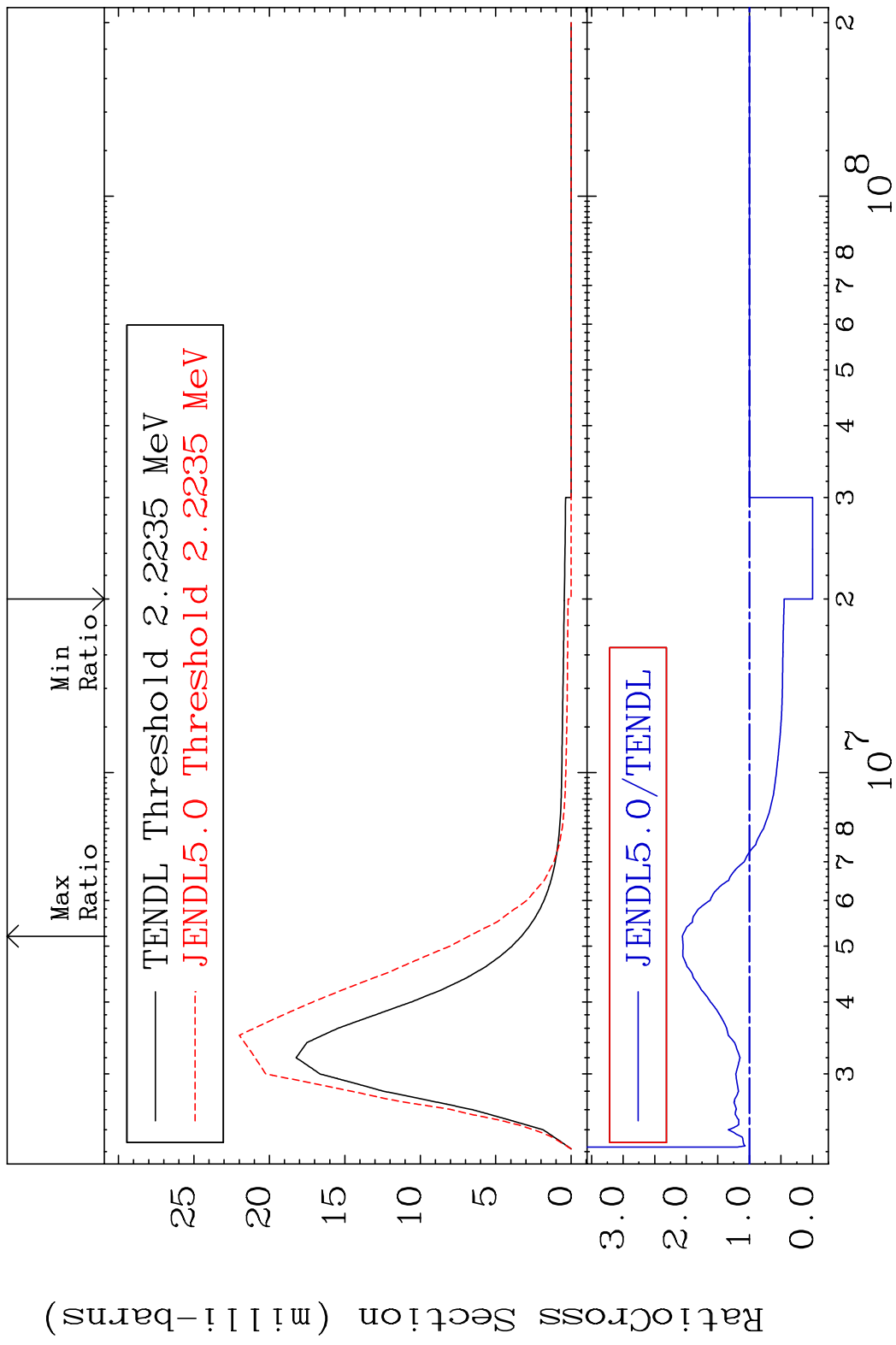


MAT 5643 MT= 61 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 9999. %

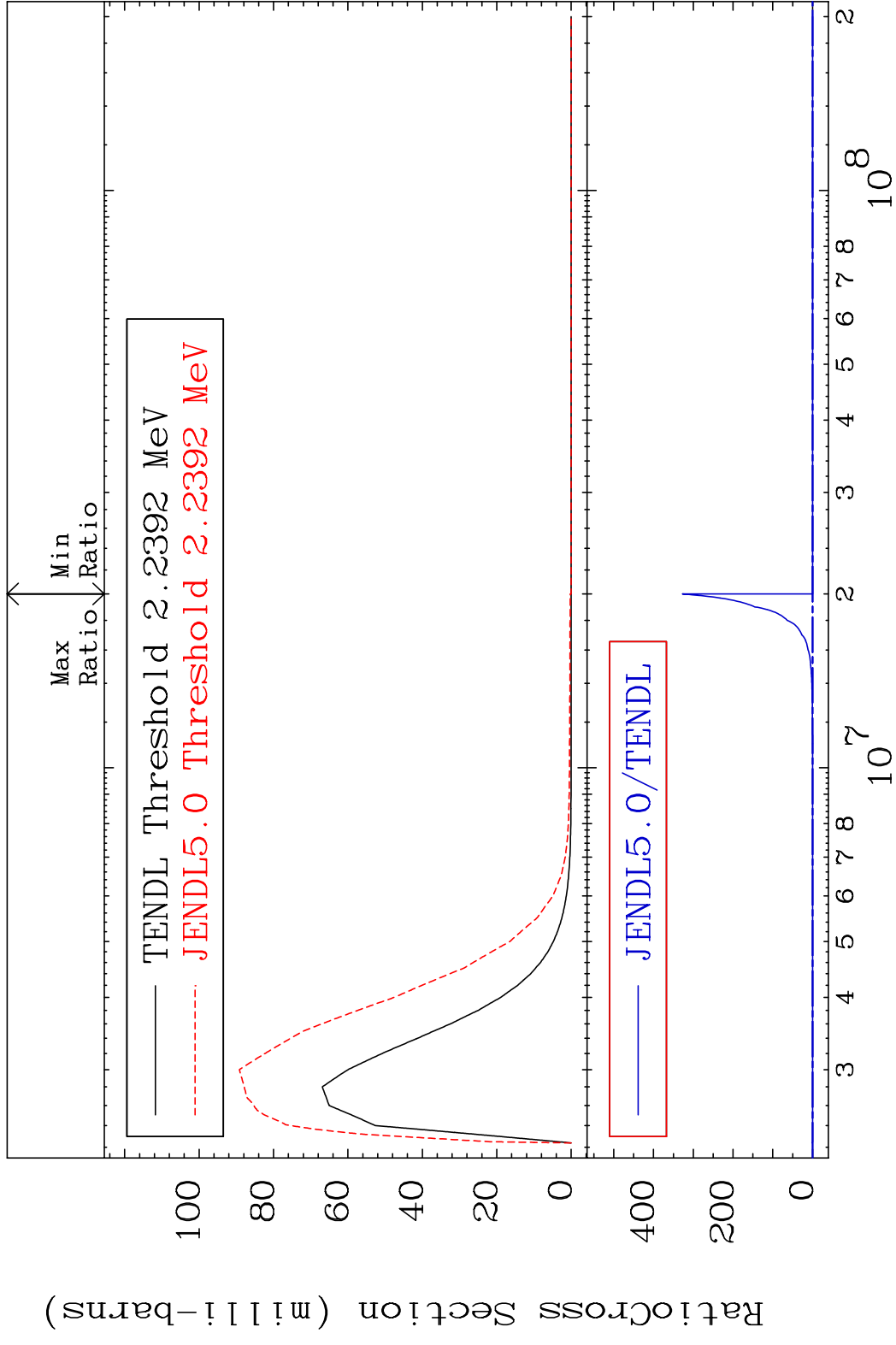


20 56-Ba-136

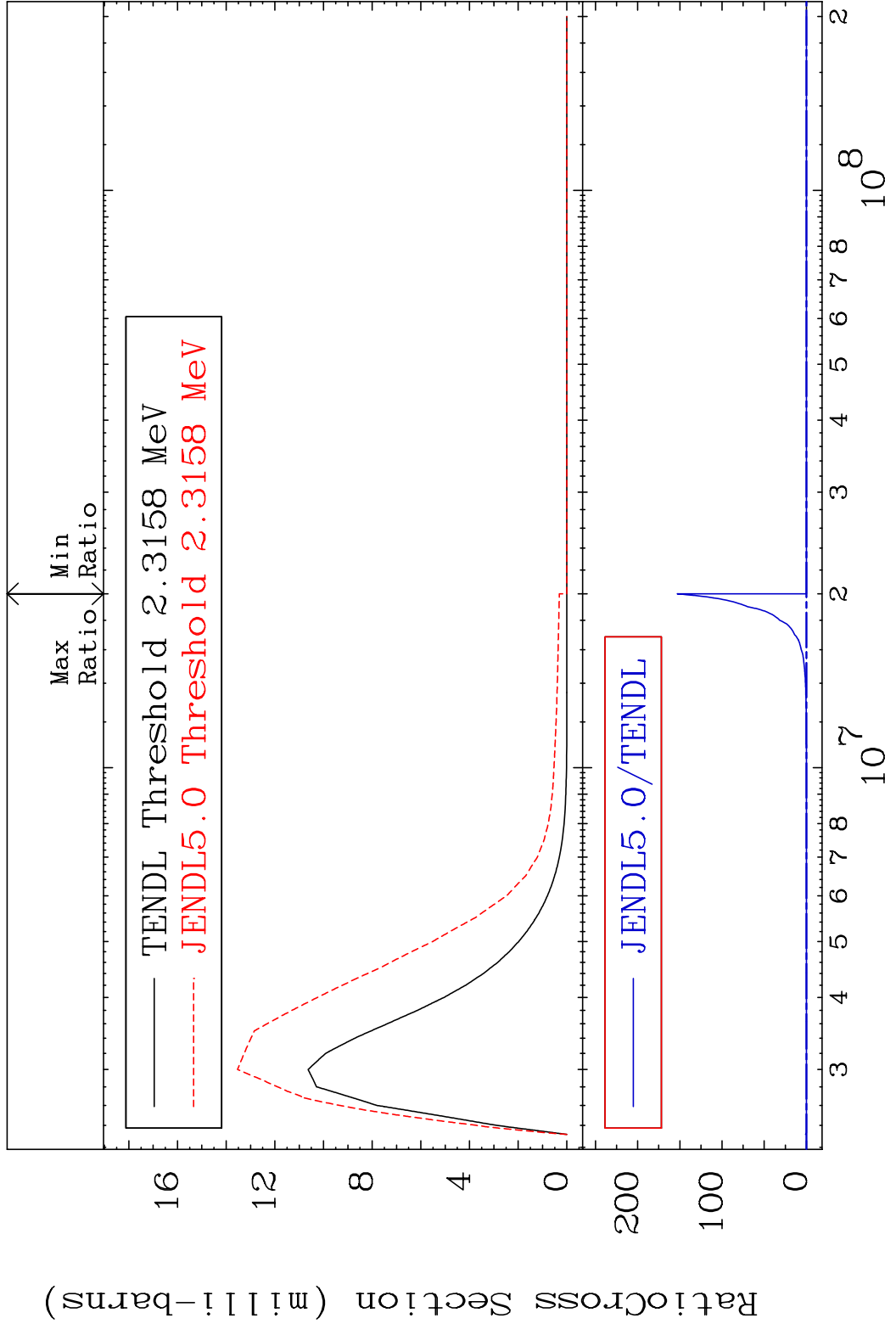
MAT 5643 MT= 62 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 106.2 %



MAT 5643 MT= 63 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 9999. %



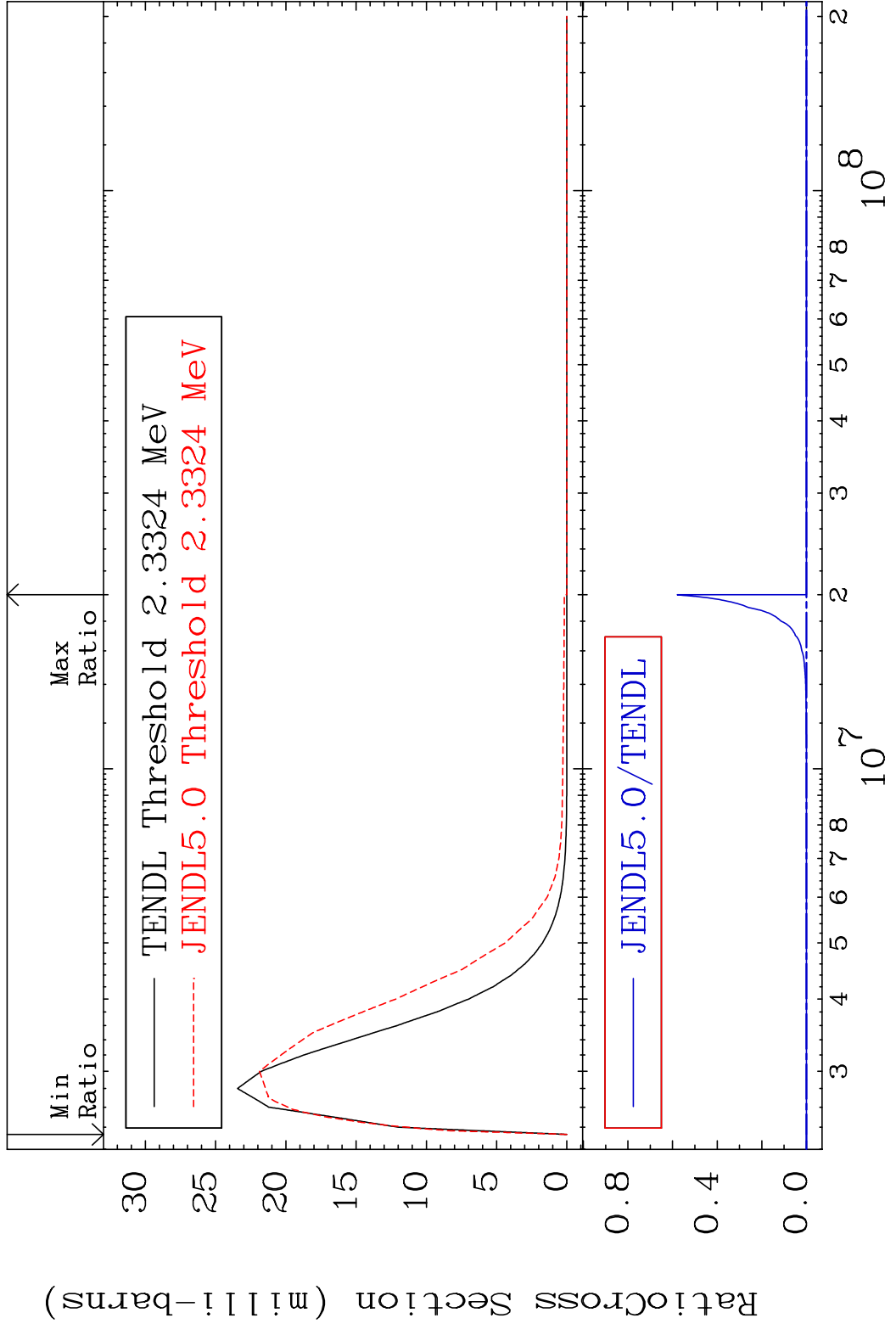
MAT 5643 MT= 64 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 9999. %



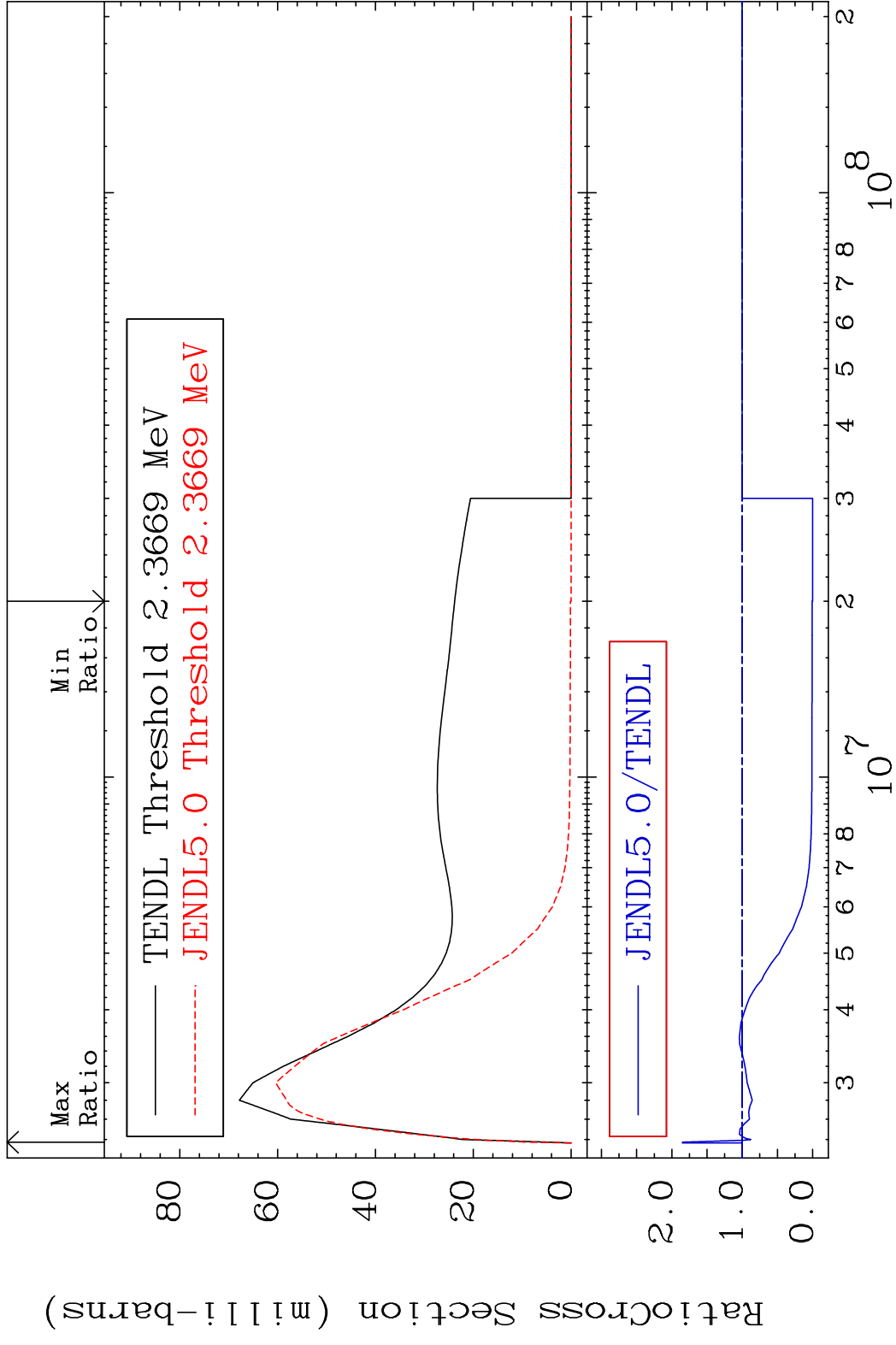
23 Incident Energy (eV) 56-Ba-136



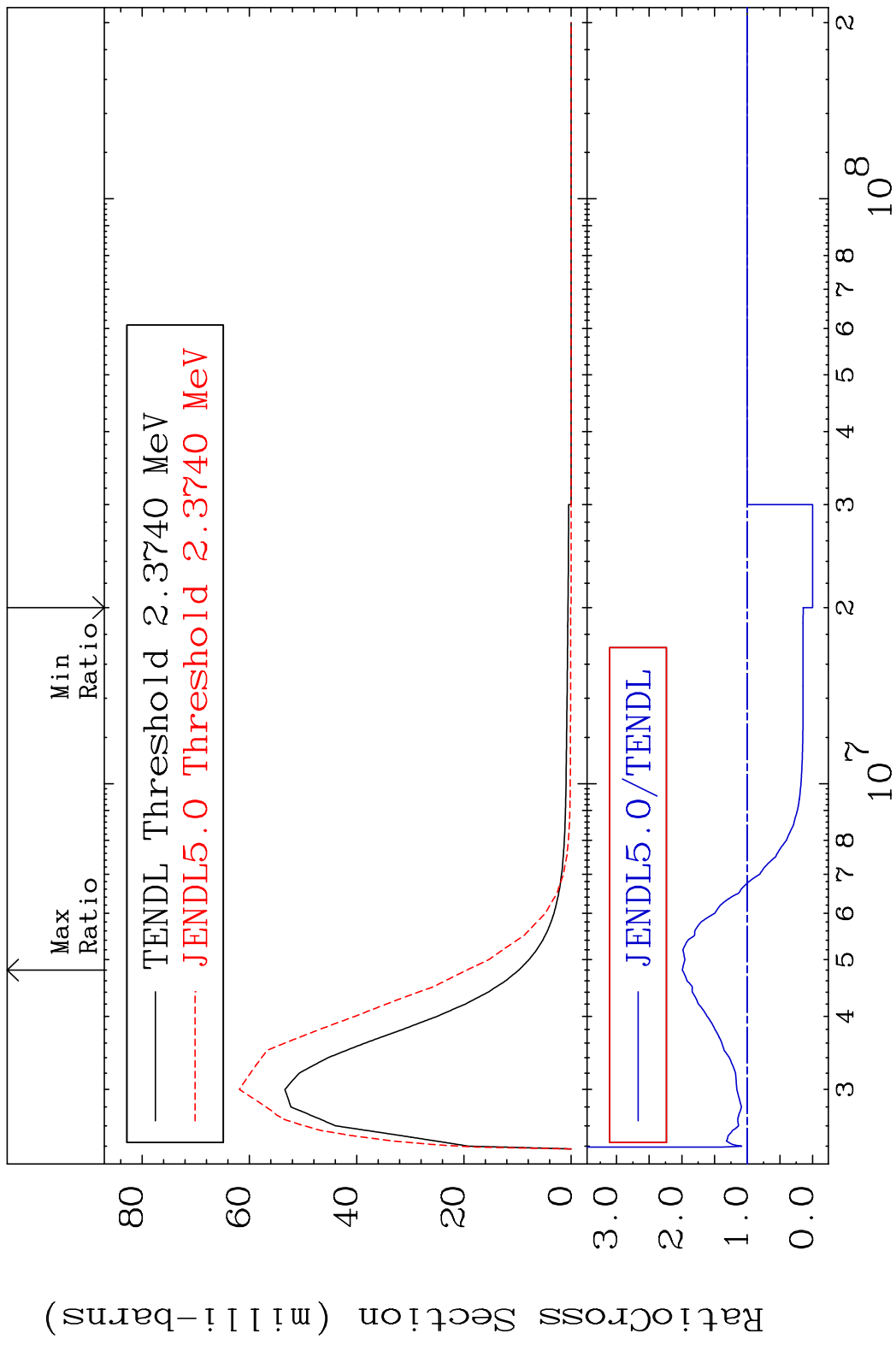
MAT 5643 MT= 65 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 9999. %



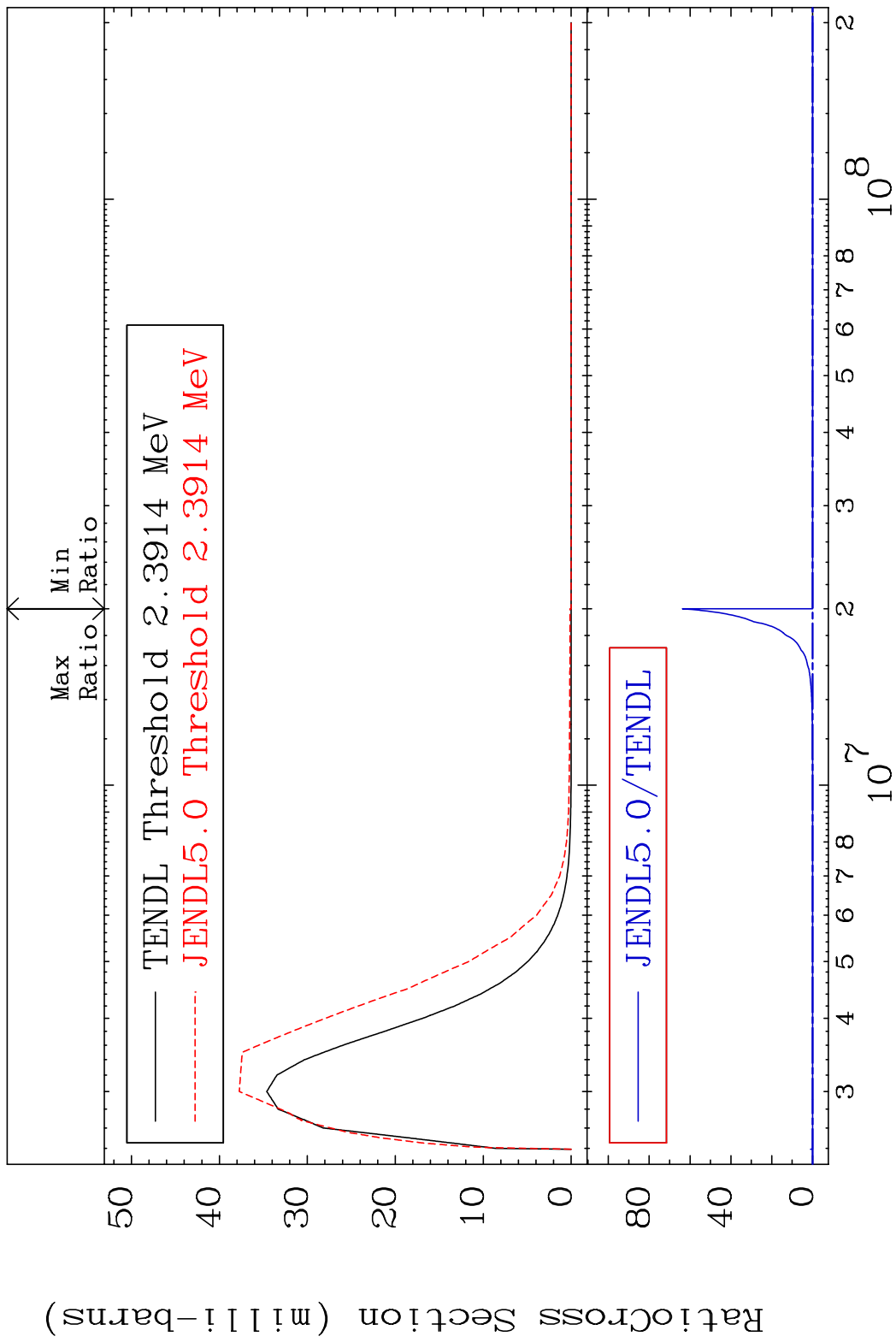
MAT 5643 MT= 66 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 85.04 %



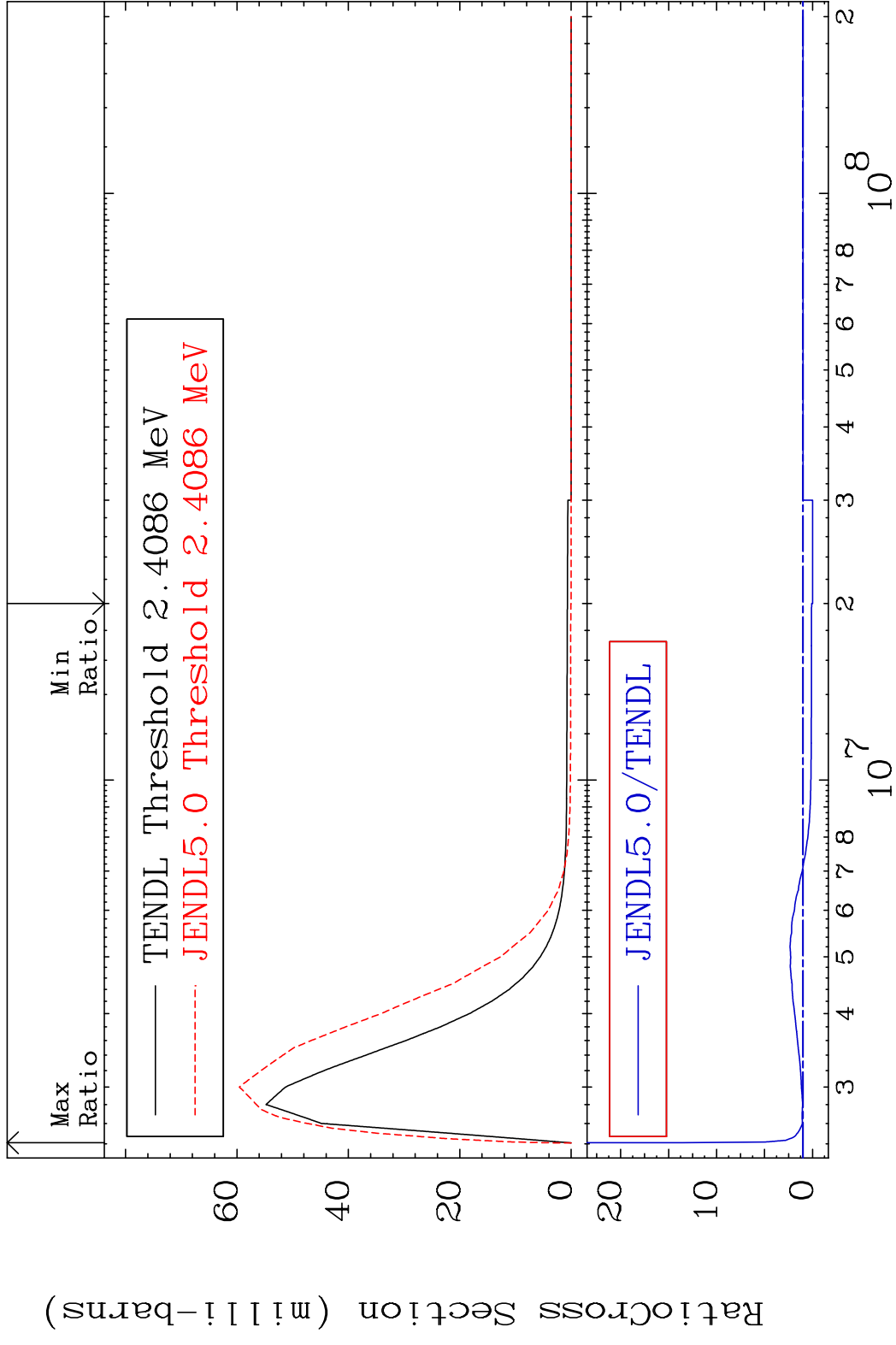
MAT 5643 MT= 67 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 99.26 %



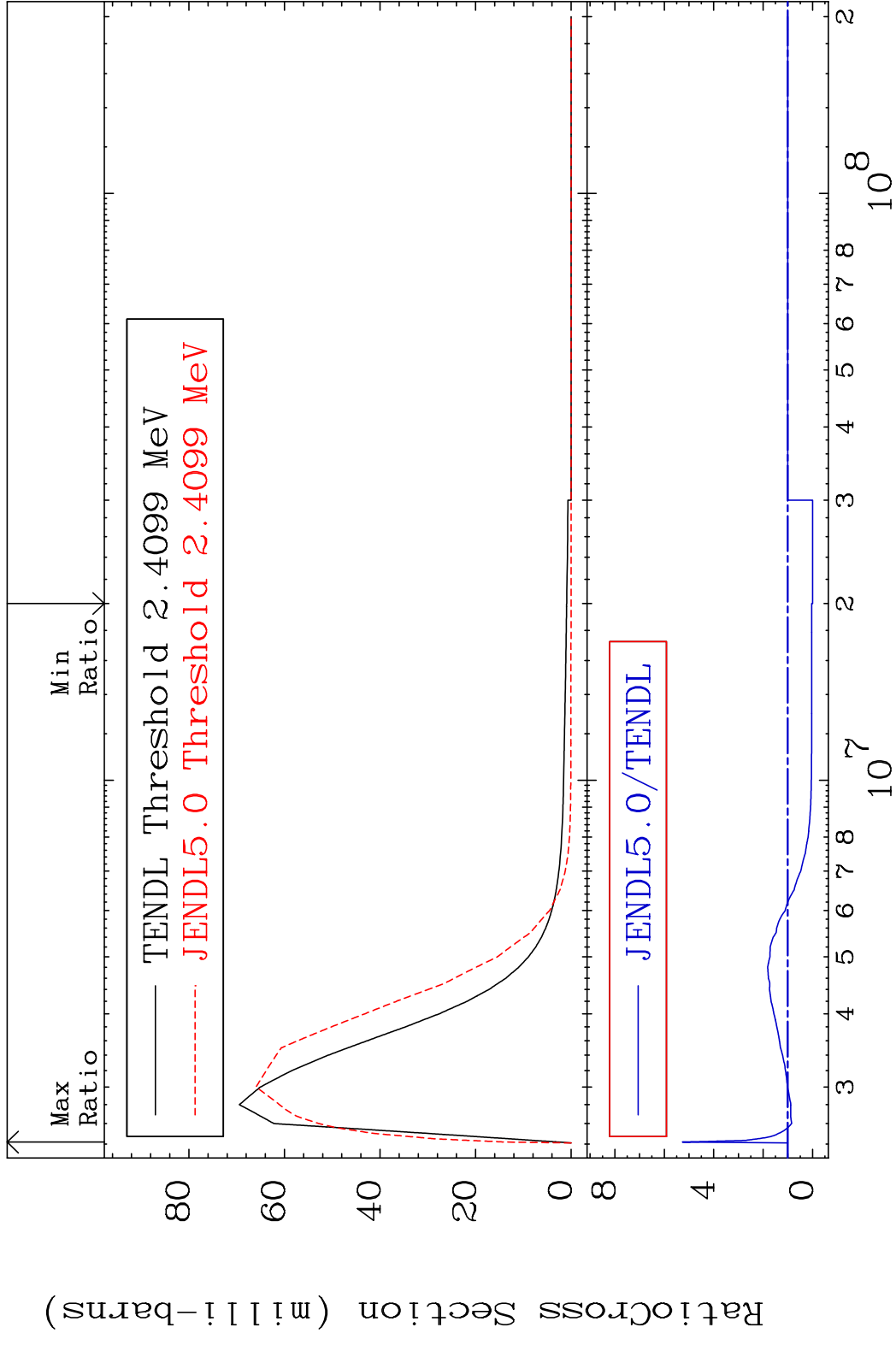
MAT 5643 MT= 68 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 9999. %



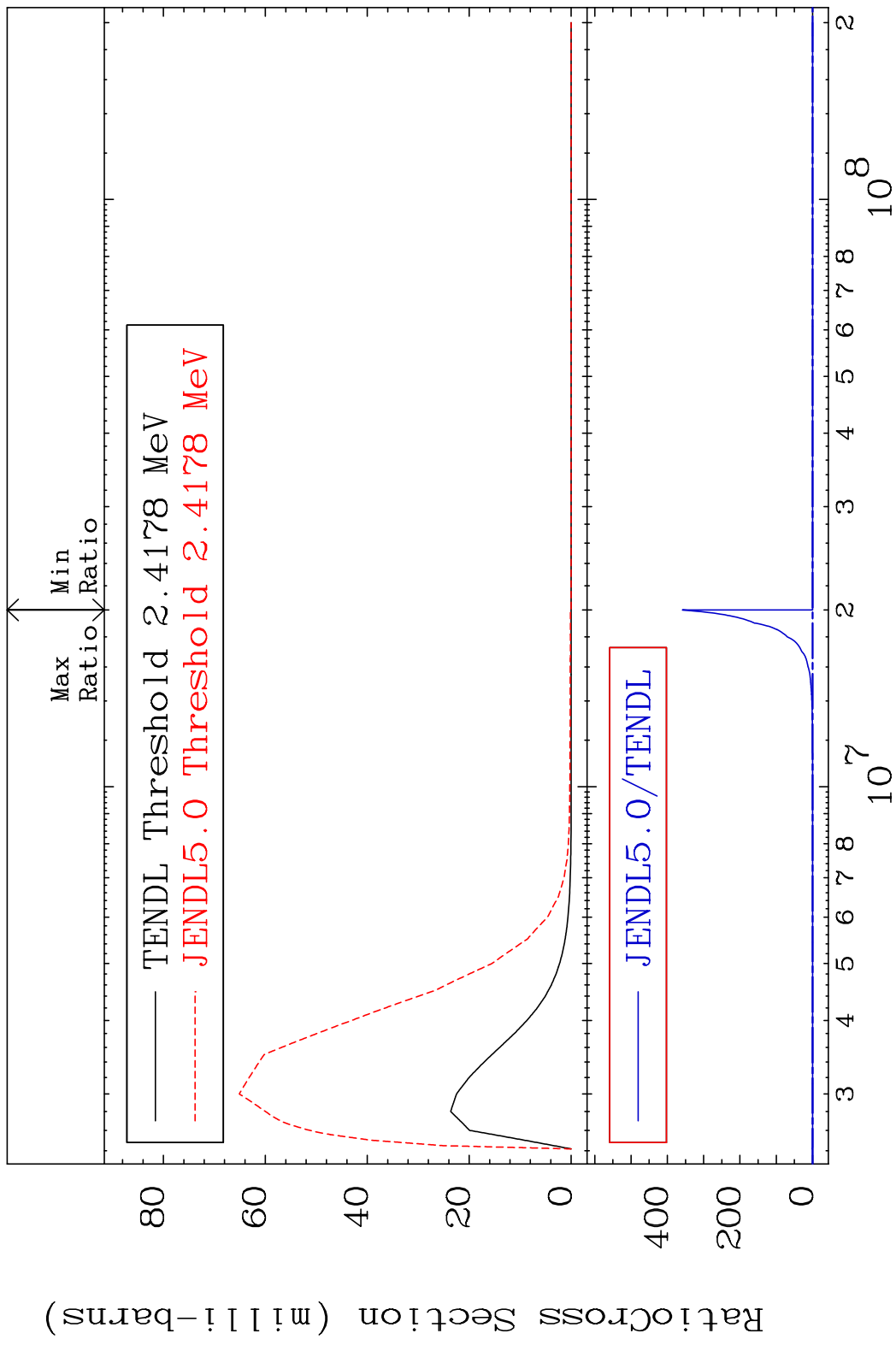
MAT 5643 MT= 69 (n,n') Level 56-Ba-136  
 Cross Section -100.0 To 1257. %



MAT 5643 MT= 70 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 426.8 %

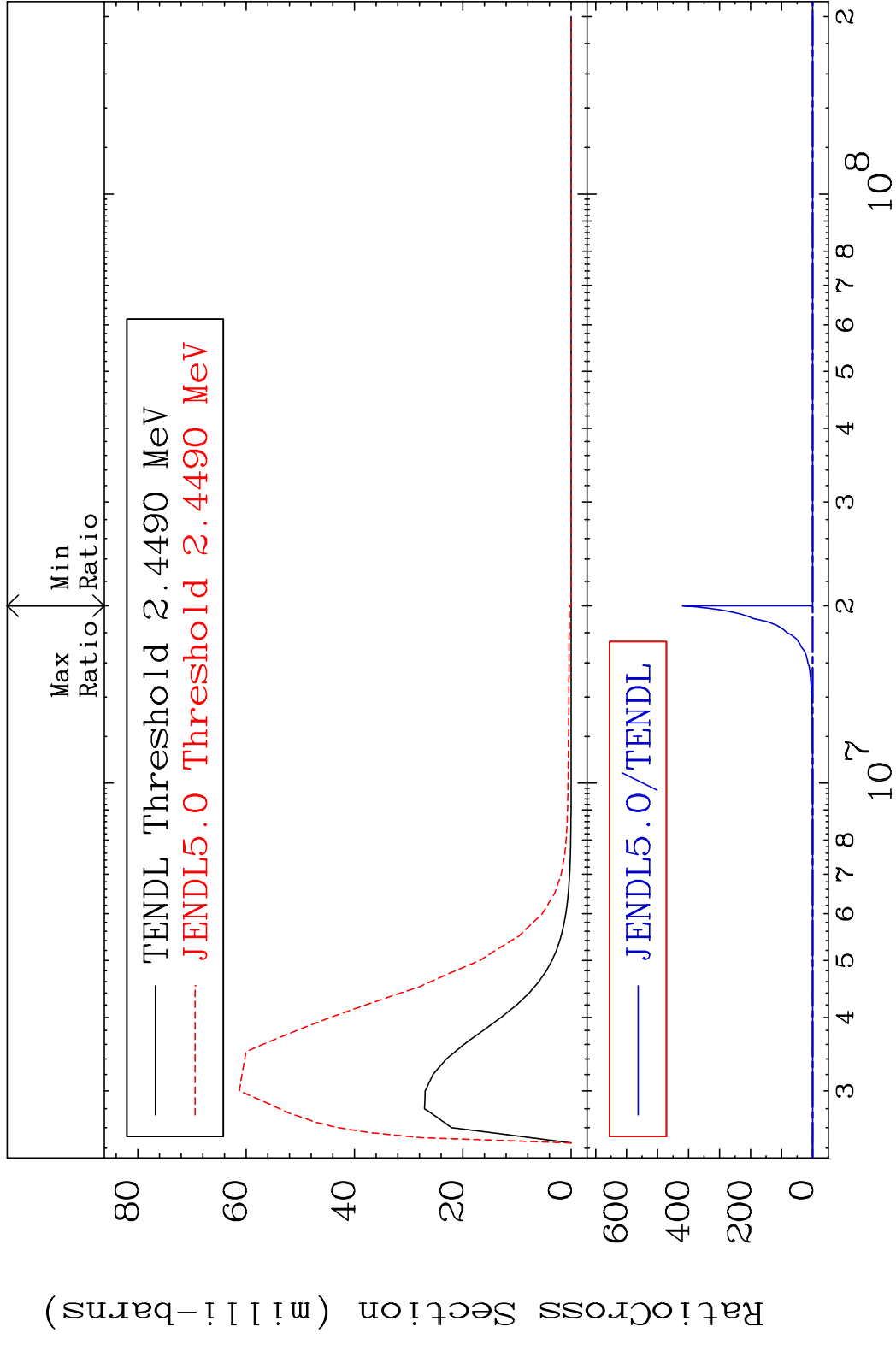


MAT 5643 MT= 71 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 9999. %



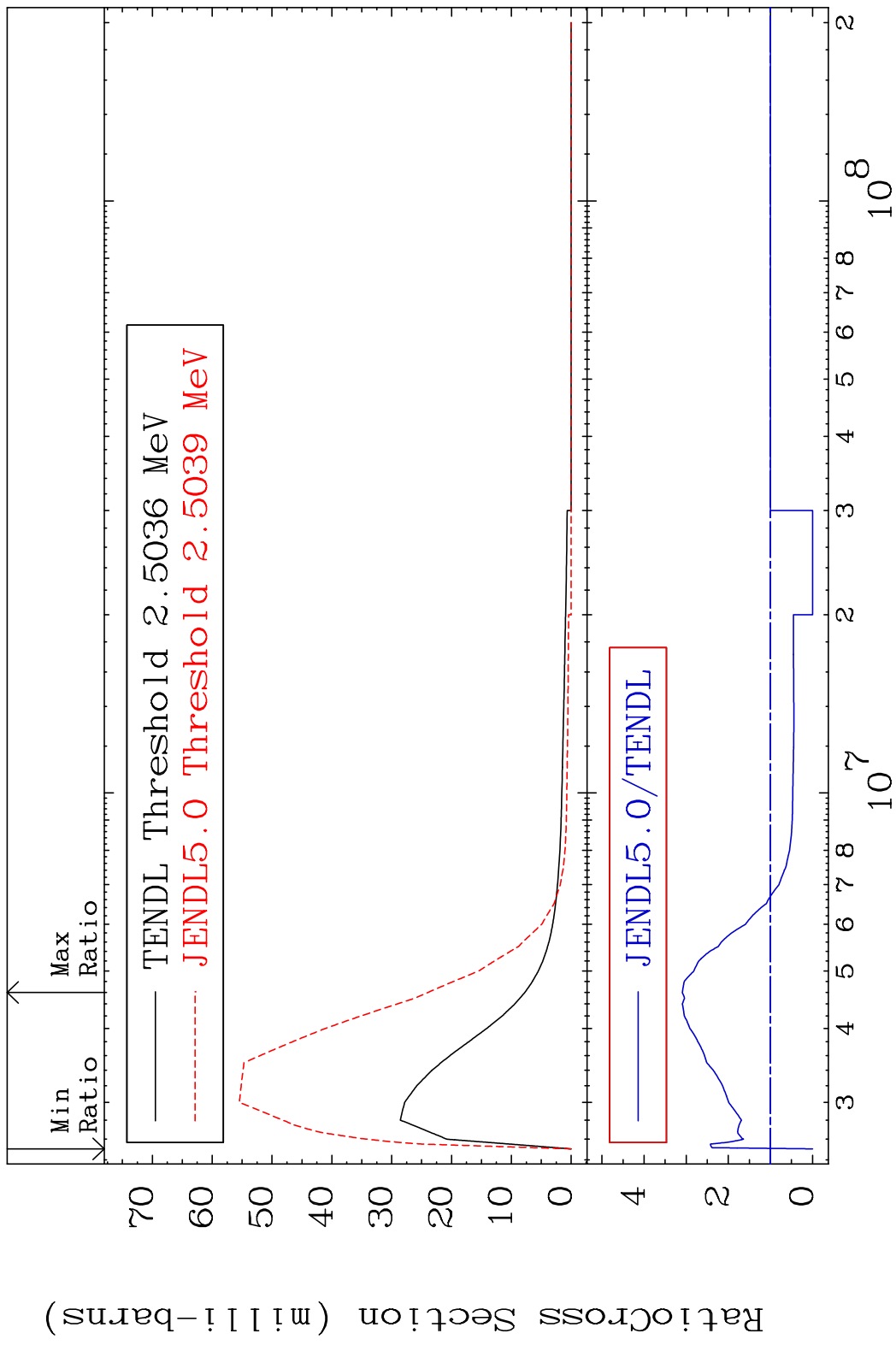
30 56-Ba-136

MAT 5643 MT= 72 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 9999. %

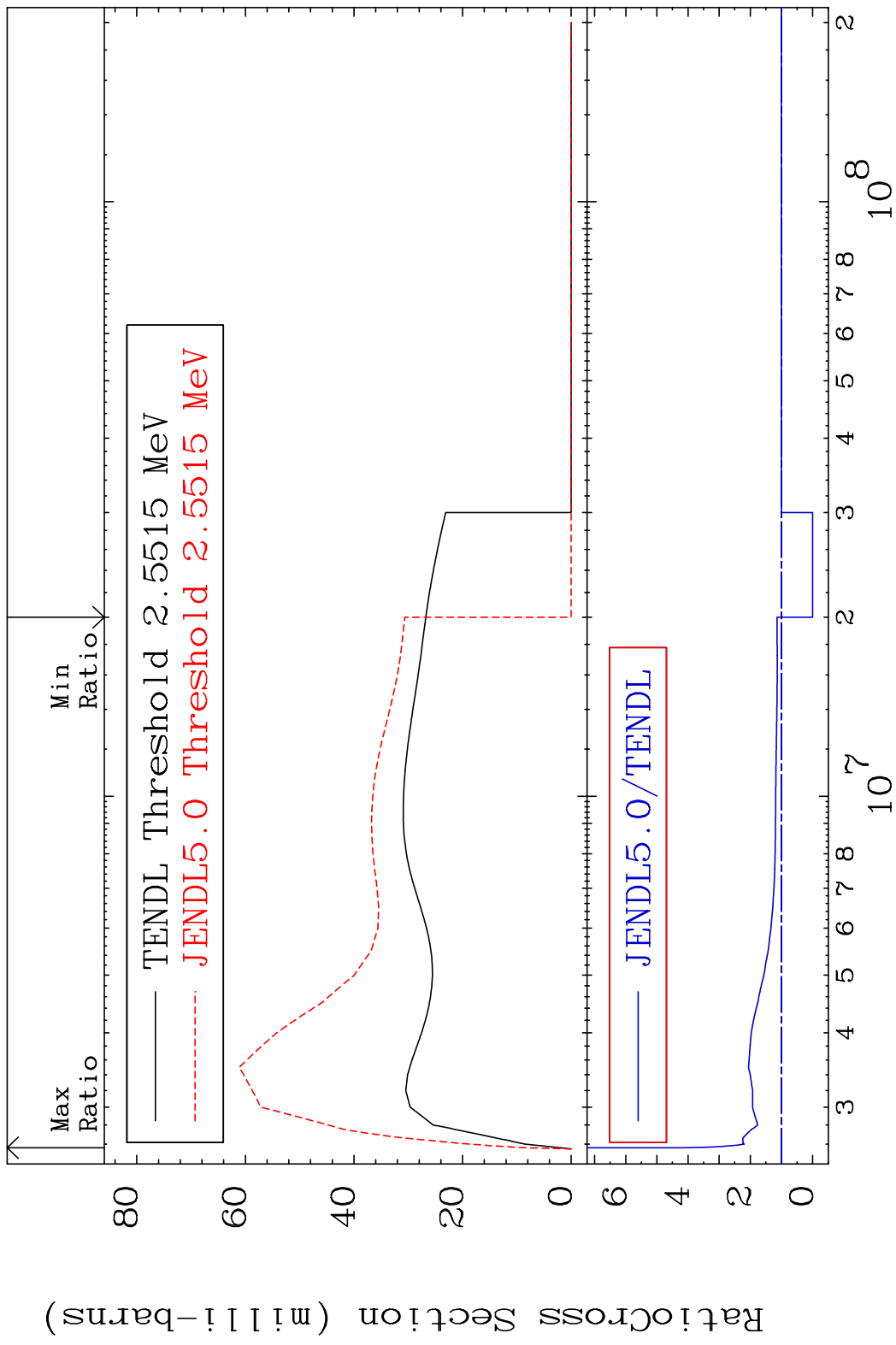




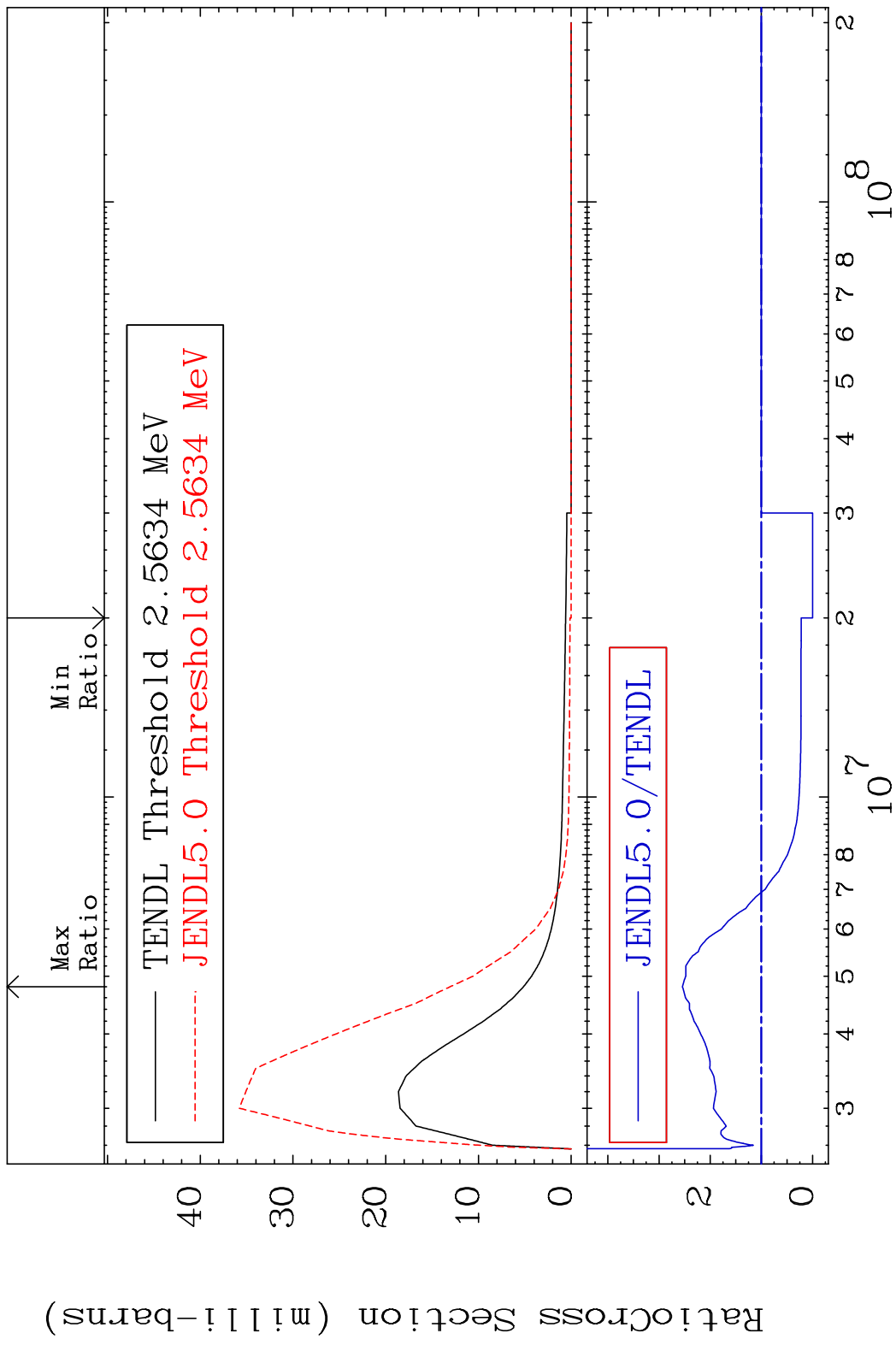
MAT 5643 MT= 73 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 209.1 %



MAT 5643 MT= 74 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 318.2 %

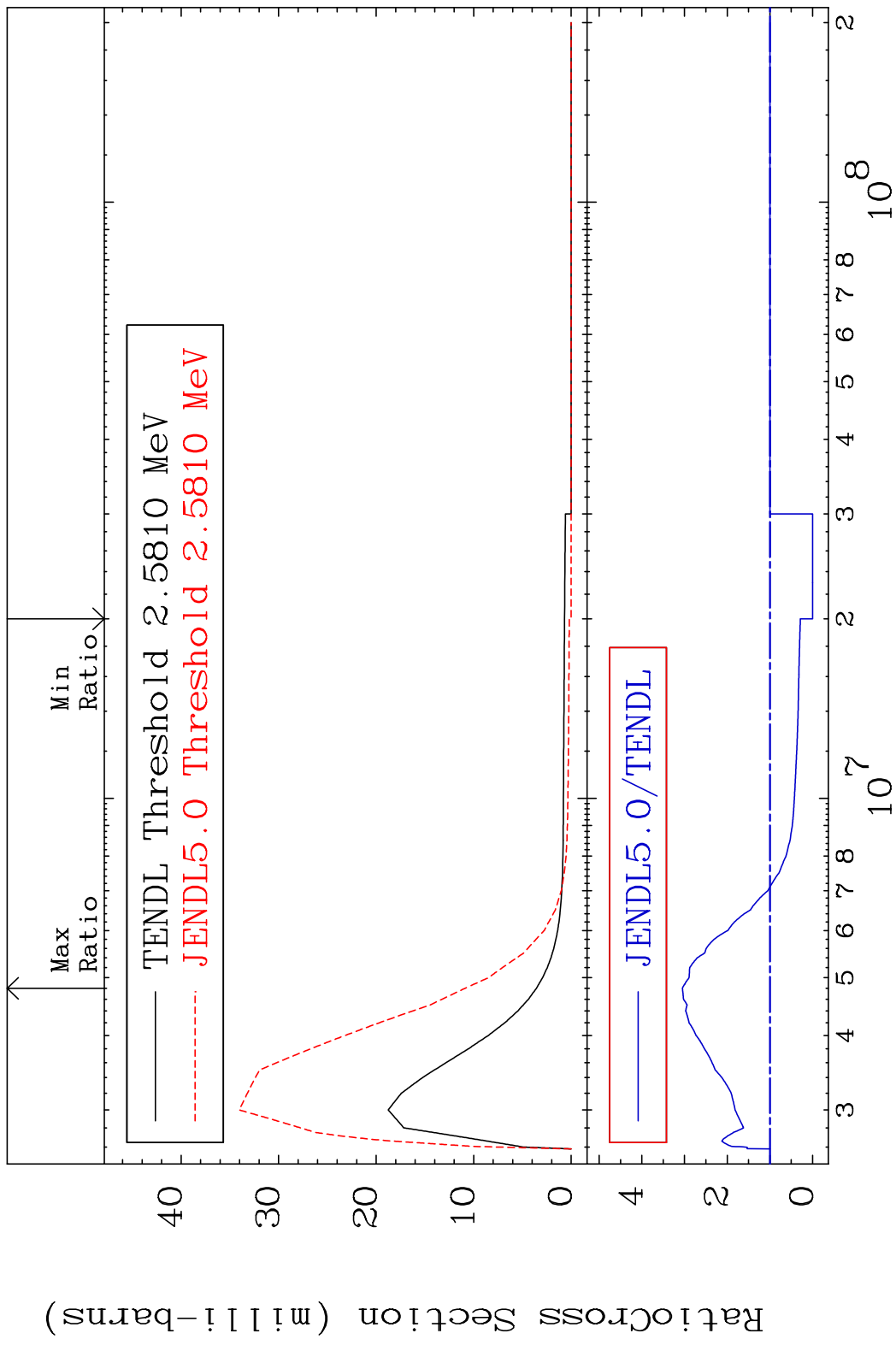


MAT 5643 MT= 75 (n,n') Level 56-Ba-136  
 Cross Section -100.0 To 154.4 %



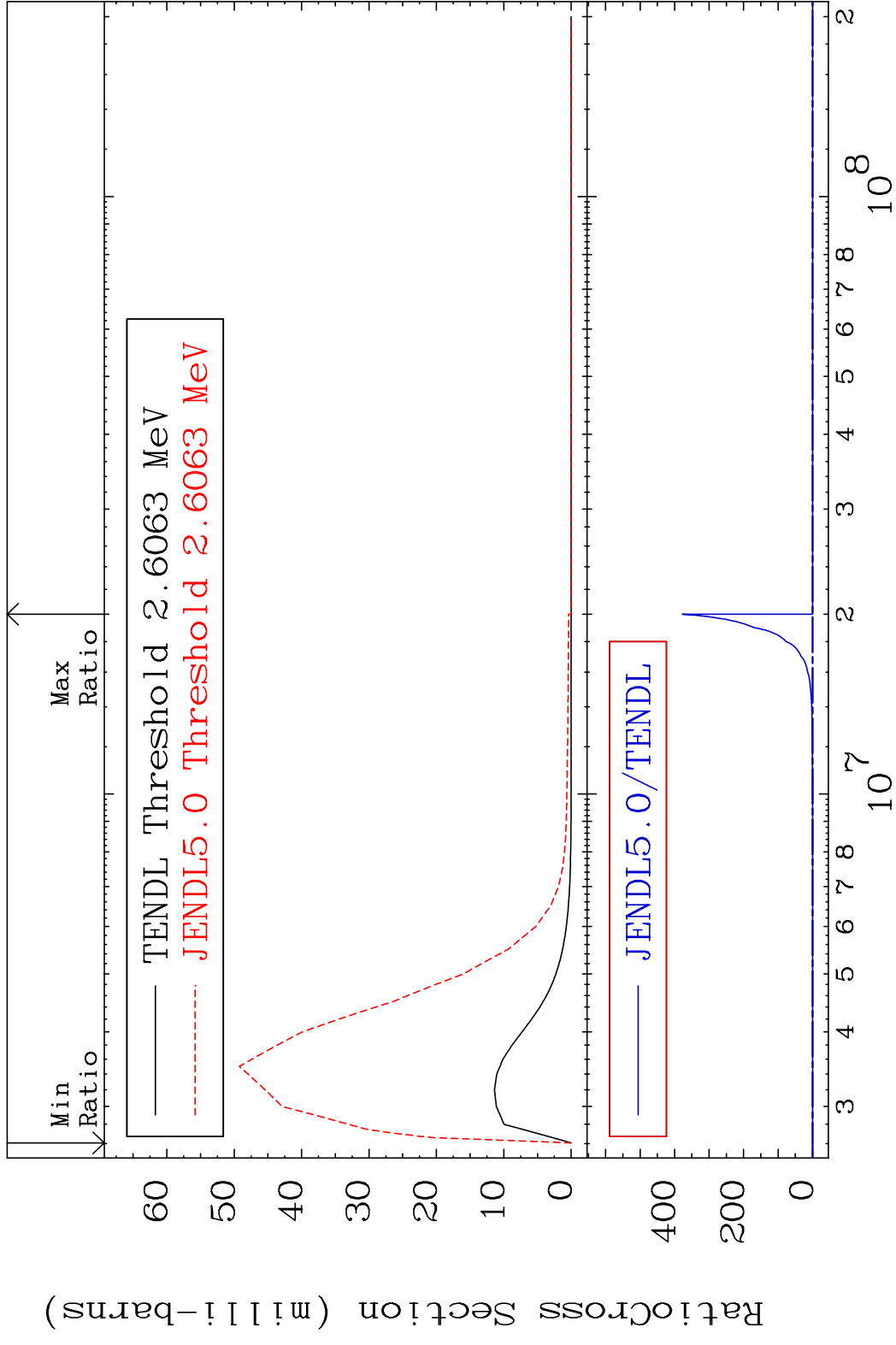
34 Incident Energy (eV) 56-Ba-136

MAT 5643 MT= 76 (n,n') Level 56-Ba-136  
 Cross Section -100.0 To 205.1 %



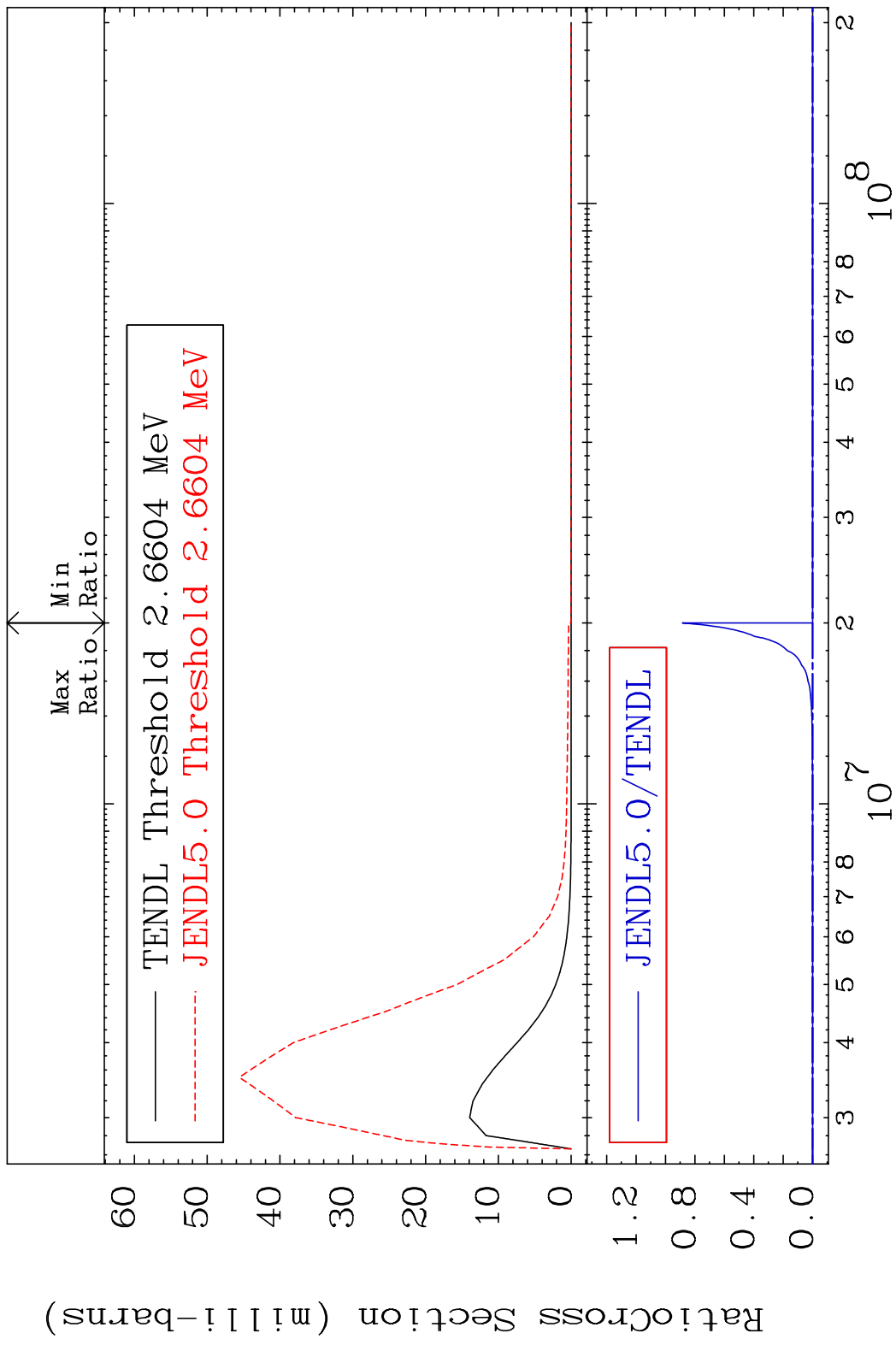
35 56-Ba-136

MAT 5643 MT= 77 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 9999. %

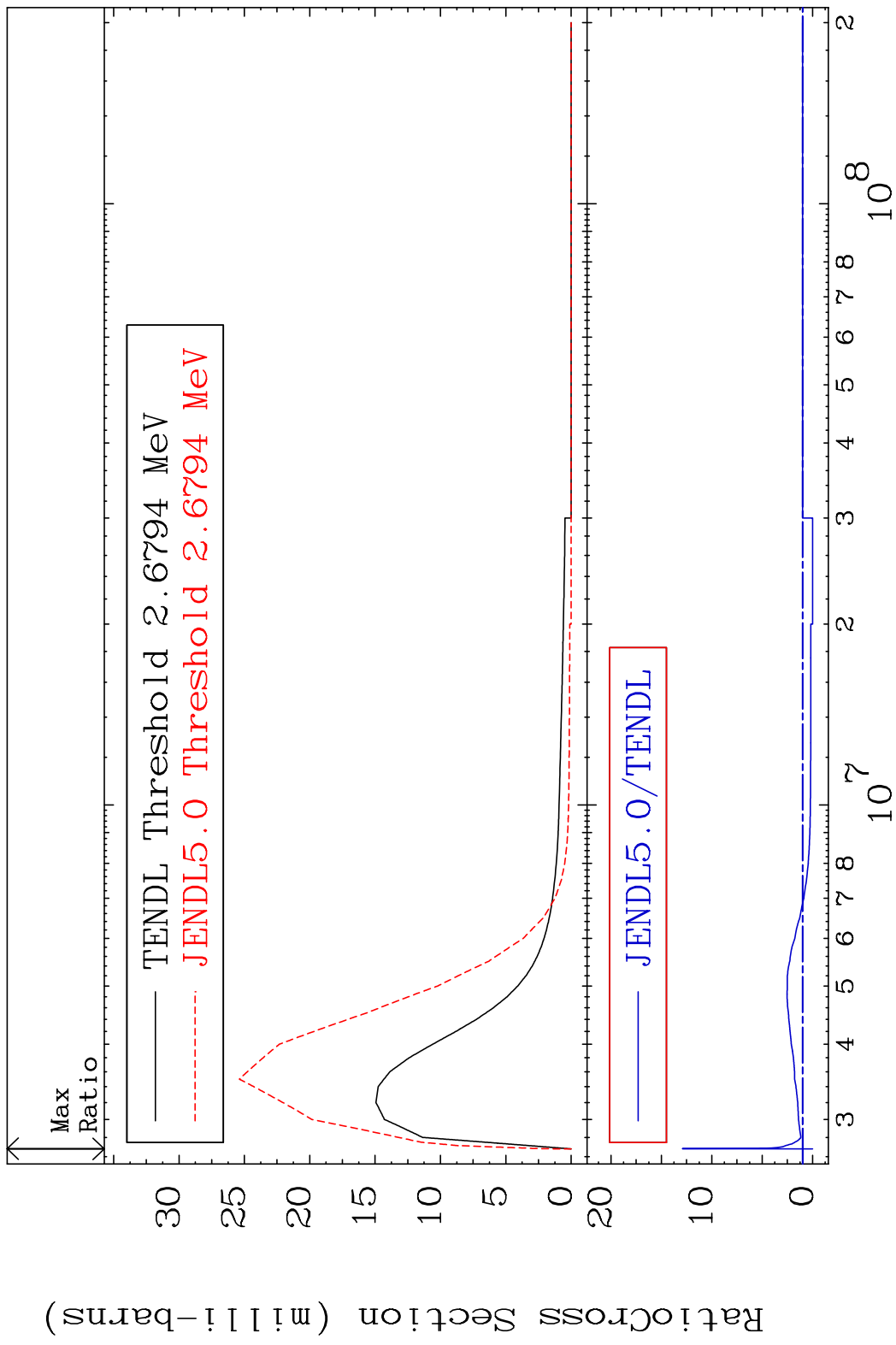


36 Incident Energy (eV) 56-Ba-136

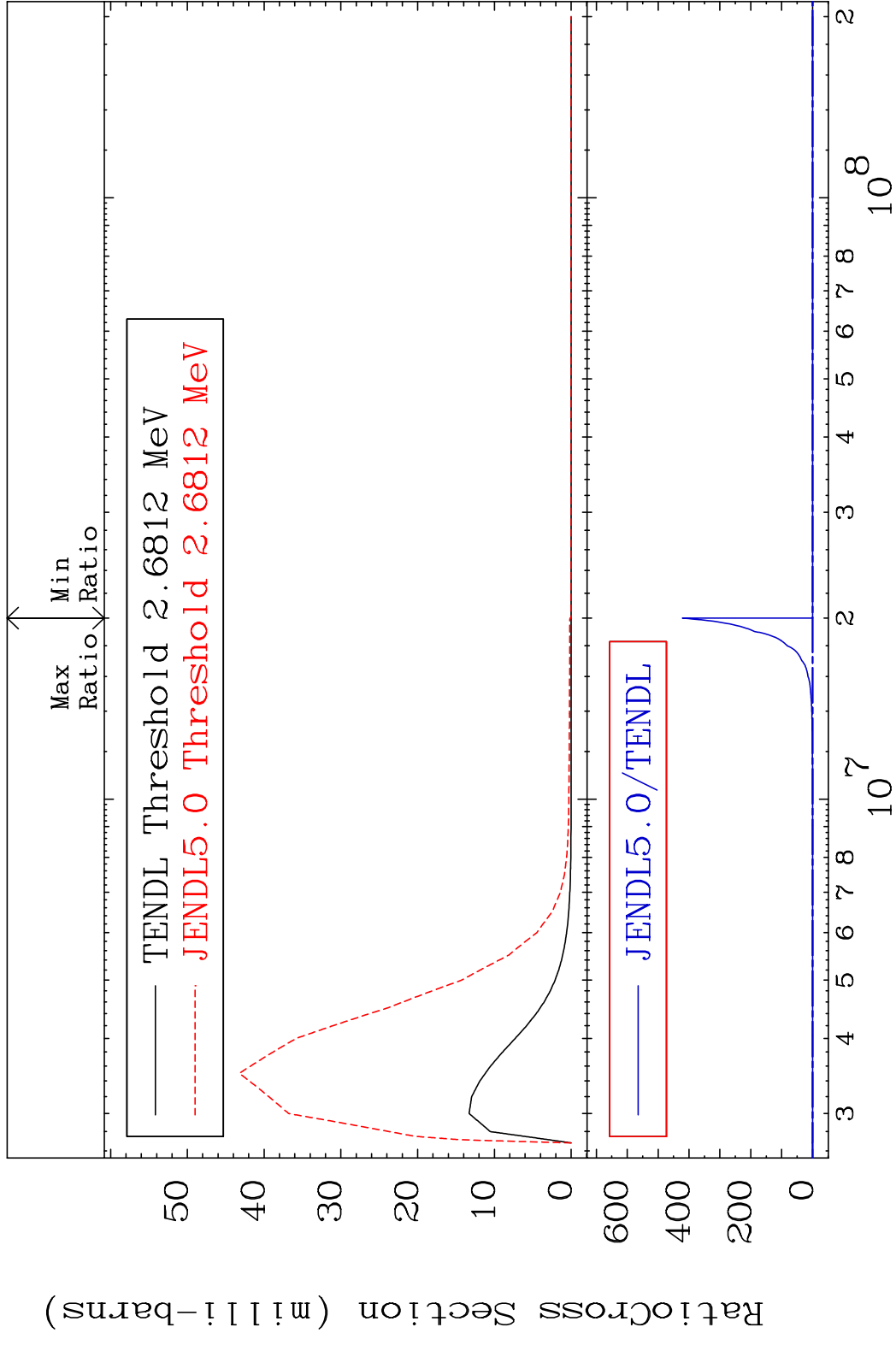
MAT 5643 MT= 78 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 9999. %



MAT 5643 MT= 79 (n,n') Level 56-Ba-136  
 Cross Section -100.0 To 1192. %



MAT 5643 MT= 80 (n, n') Level 56-Ba-136  
 Cross Section -100.0 To 9999. %



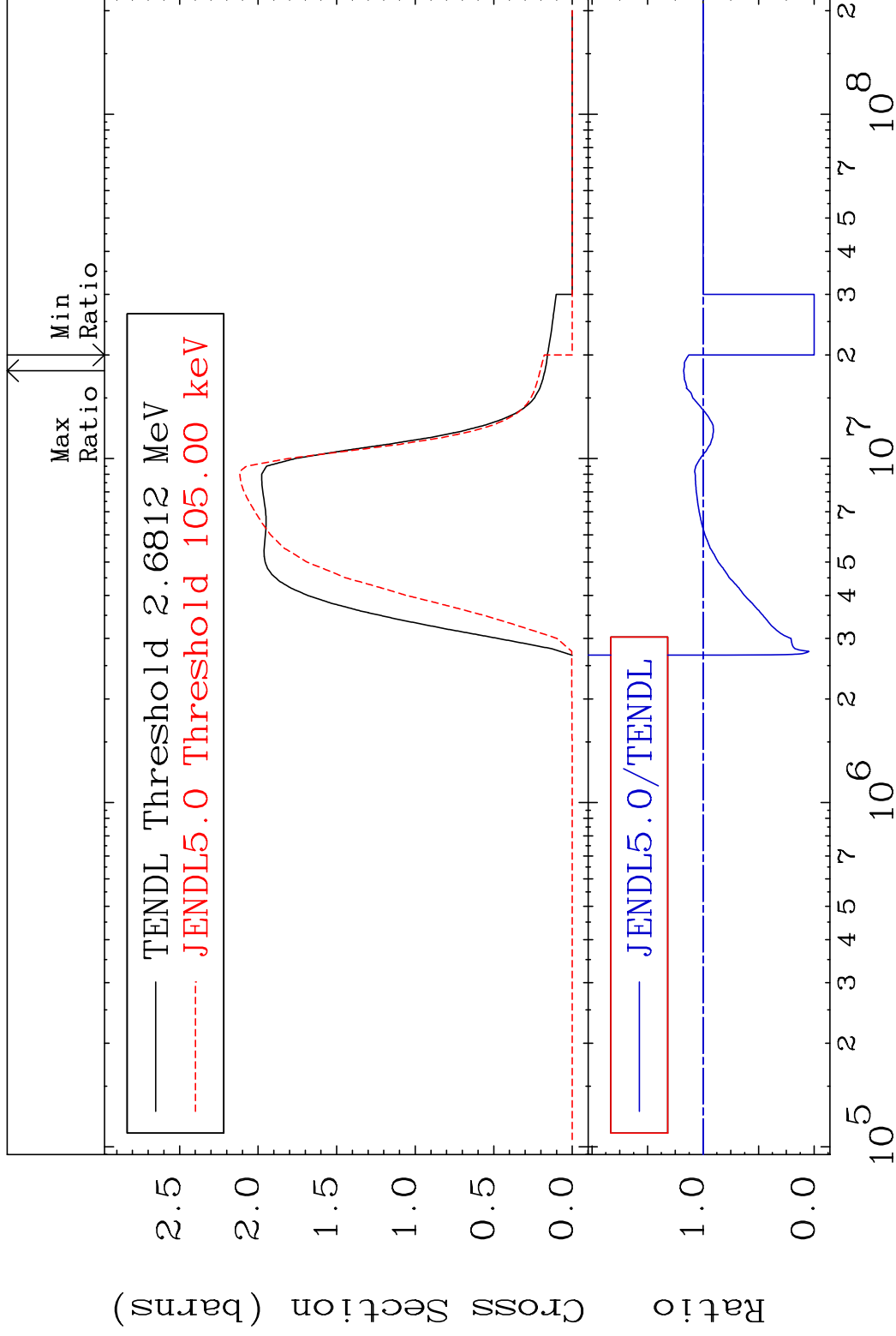


MAT 5643

(n, n') Continuum

56-Ba-136

Cross Section -100.0 To 17.45 %



40

Incident Energy (eV)

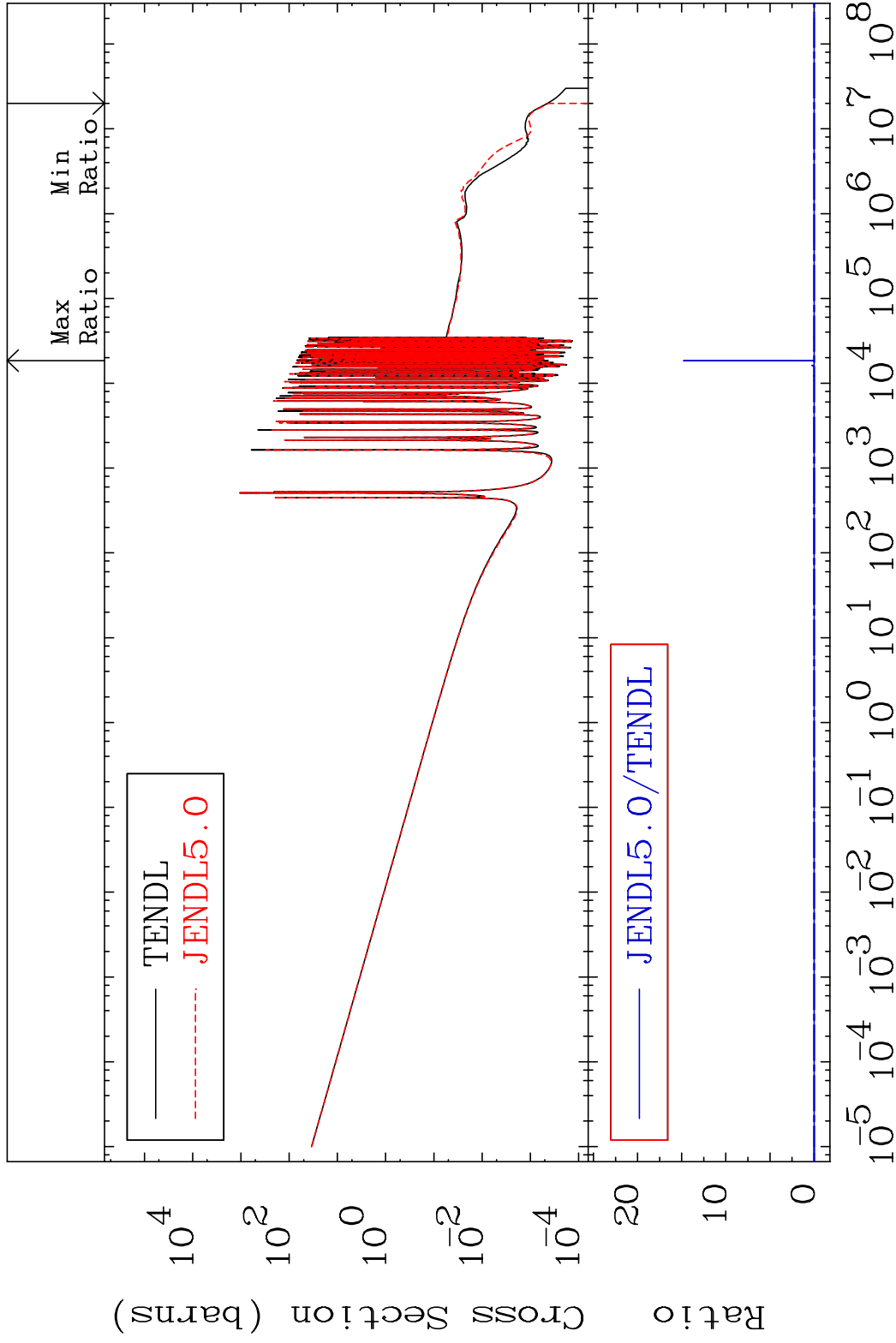
56-Ba-136

MAT 5643

(n,  $\gamma$ )

56-Ba-136

Cross Section -100.0 To 9999. %

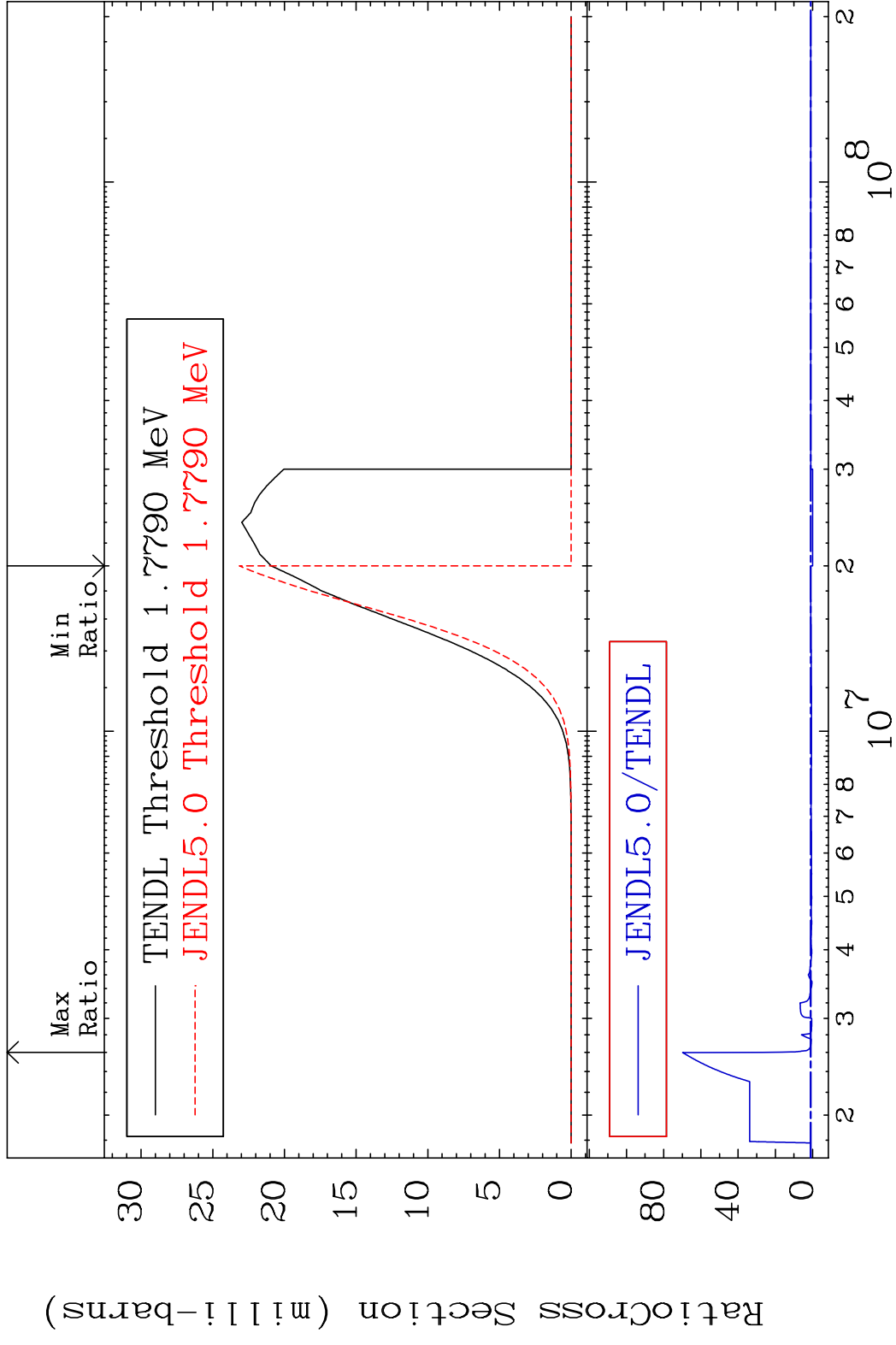


41

Incident Energy (eV)

56-Ba-136

MAT 5643 (n,p) 56-Ba-136  
 Cross Section -100.0 To 6897. %

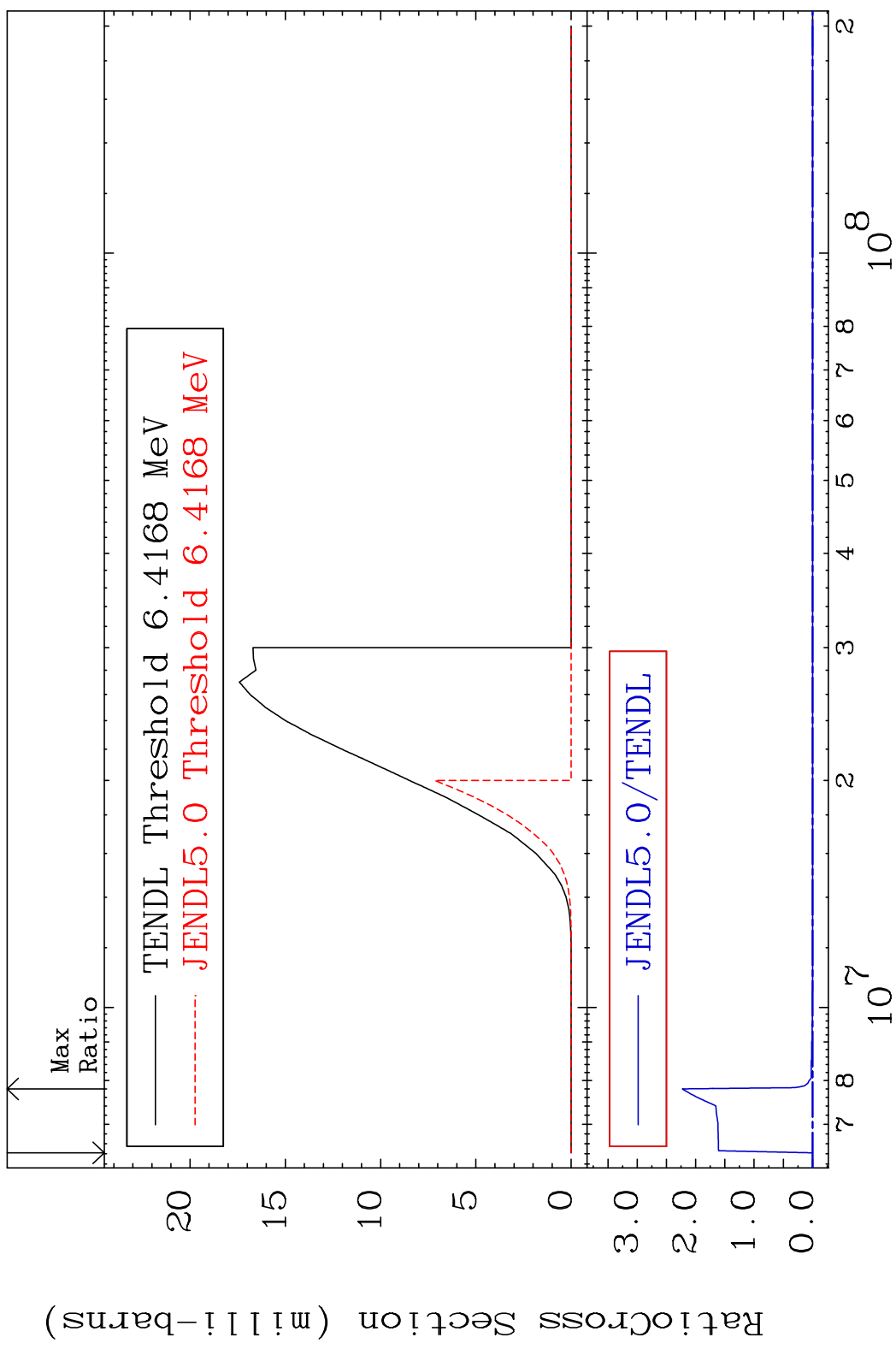


MAT 5643

(n,d)

56-Ba-136

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

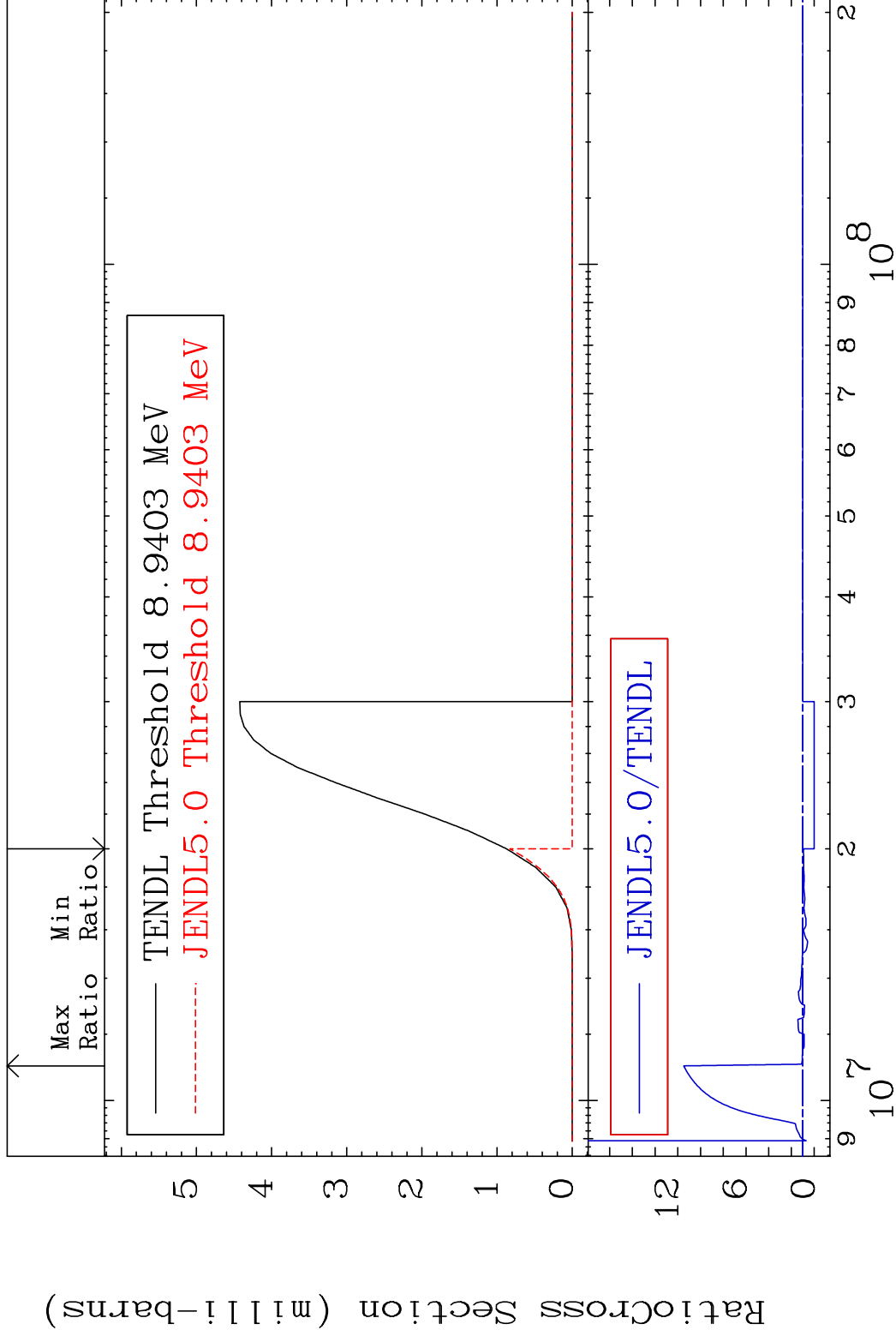
56-Ba-136

MAT 5643

(n, t)

56-Ba-136

Cross Section -100.0 To 1049. %



44

Incident Energy (eV)

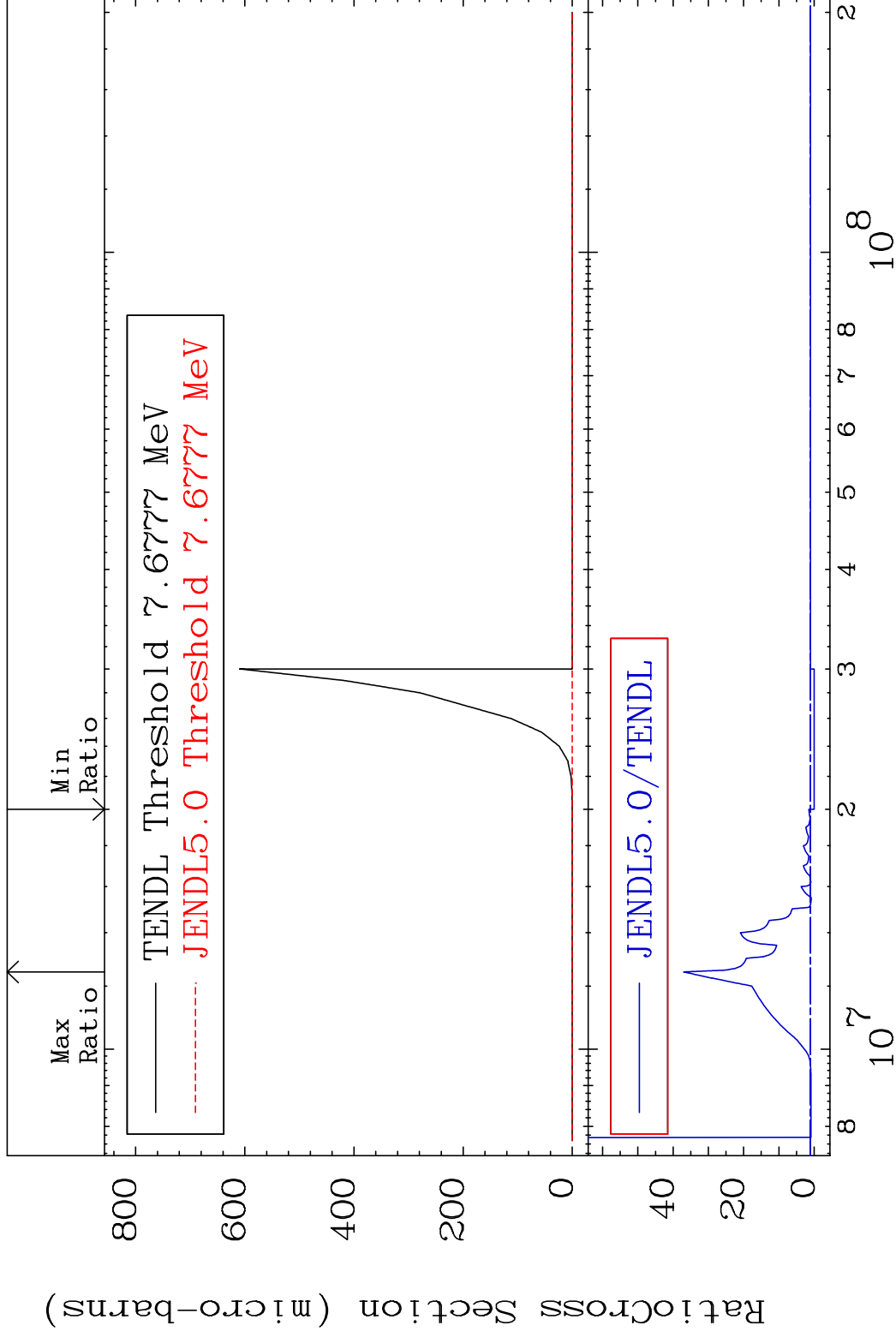
56-Ba-136

MAT 5643

(n, He-3)

56-Ba-136

Cross Section -100.0 To 3601. %



45

Incident Energy (eV)

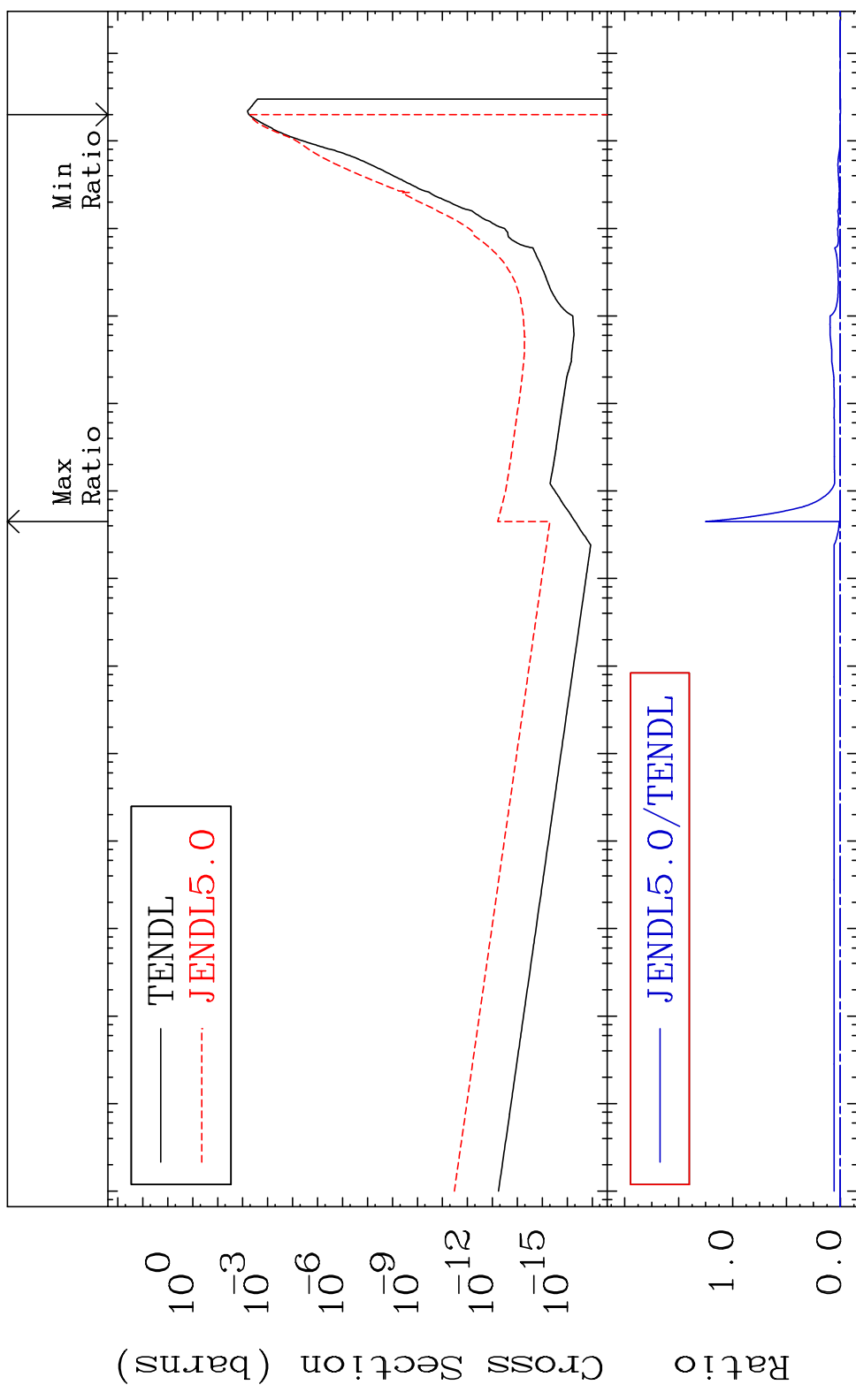
56-Ba-136

MAT 5643

(n,  $\alpha$ )

56-Ba-136

Cross Section -100.0 To 9999. %



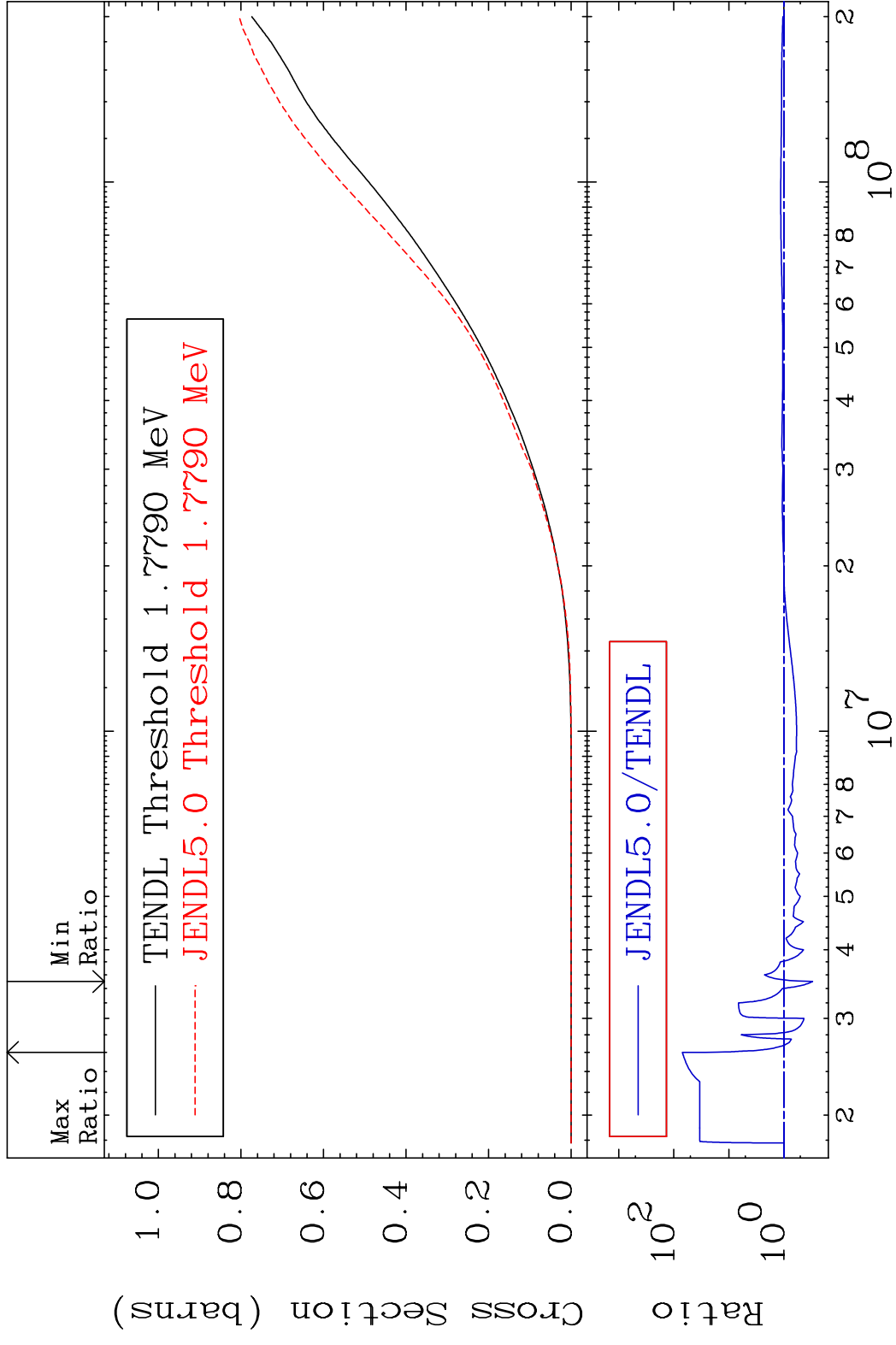
MAT 5643

Hydrogen Production

56-Ba-136

Cross Section

-69.94 To 6897. %



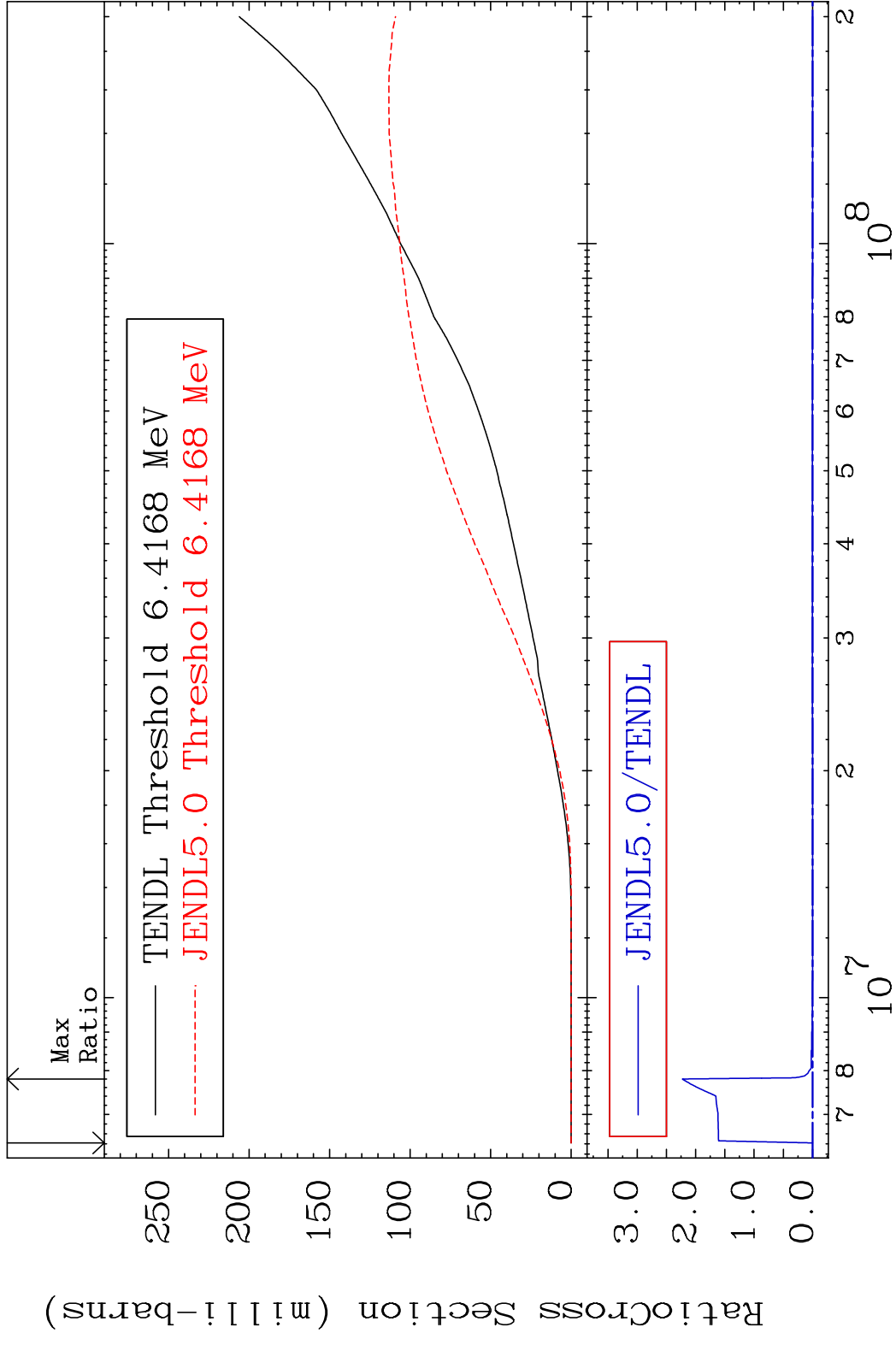


MAT 5643

Deuterium Production

56-Ba-136

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

56-Ba-136

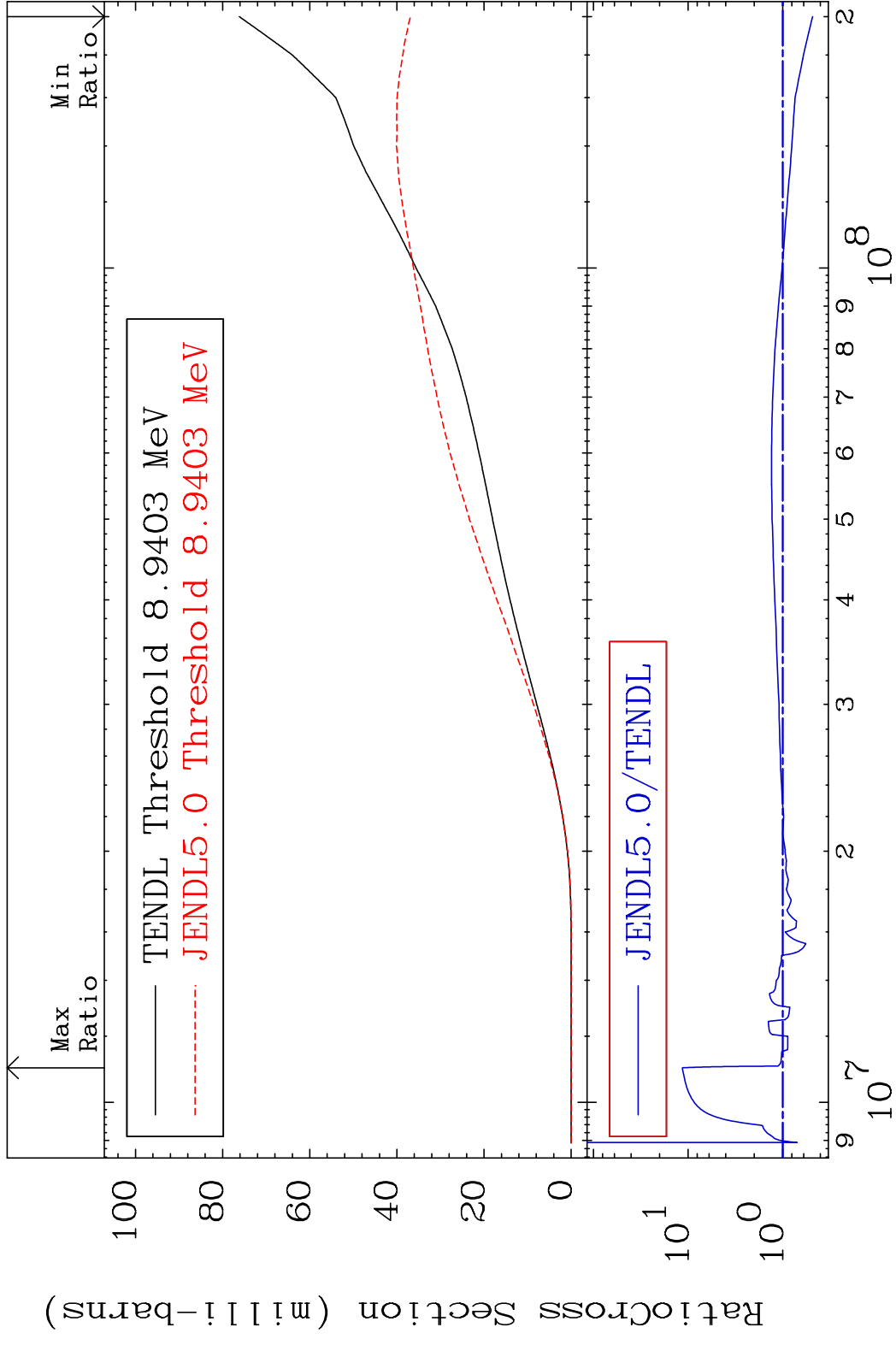
MAT 5643

Tritium Production

56-Ba-136

Cross Section

-51.55 To 1049. %



49

Incident Energy (eV)

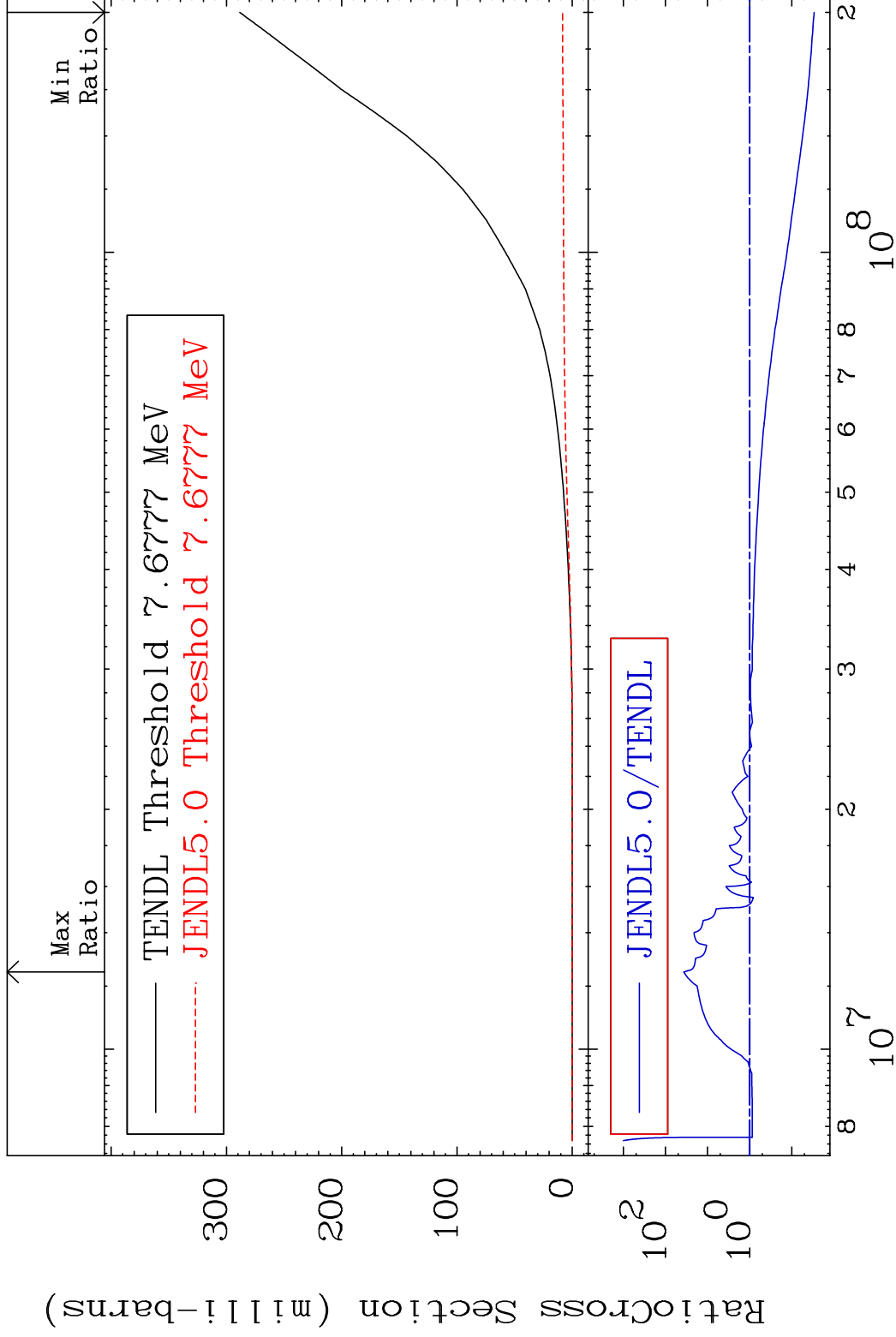
56-Ba-136

MAT 5643

He-3 Production

56-Ba-136

Cross Section -97.07 To 3601. %



50

Incident Energy (eV)

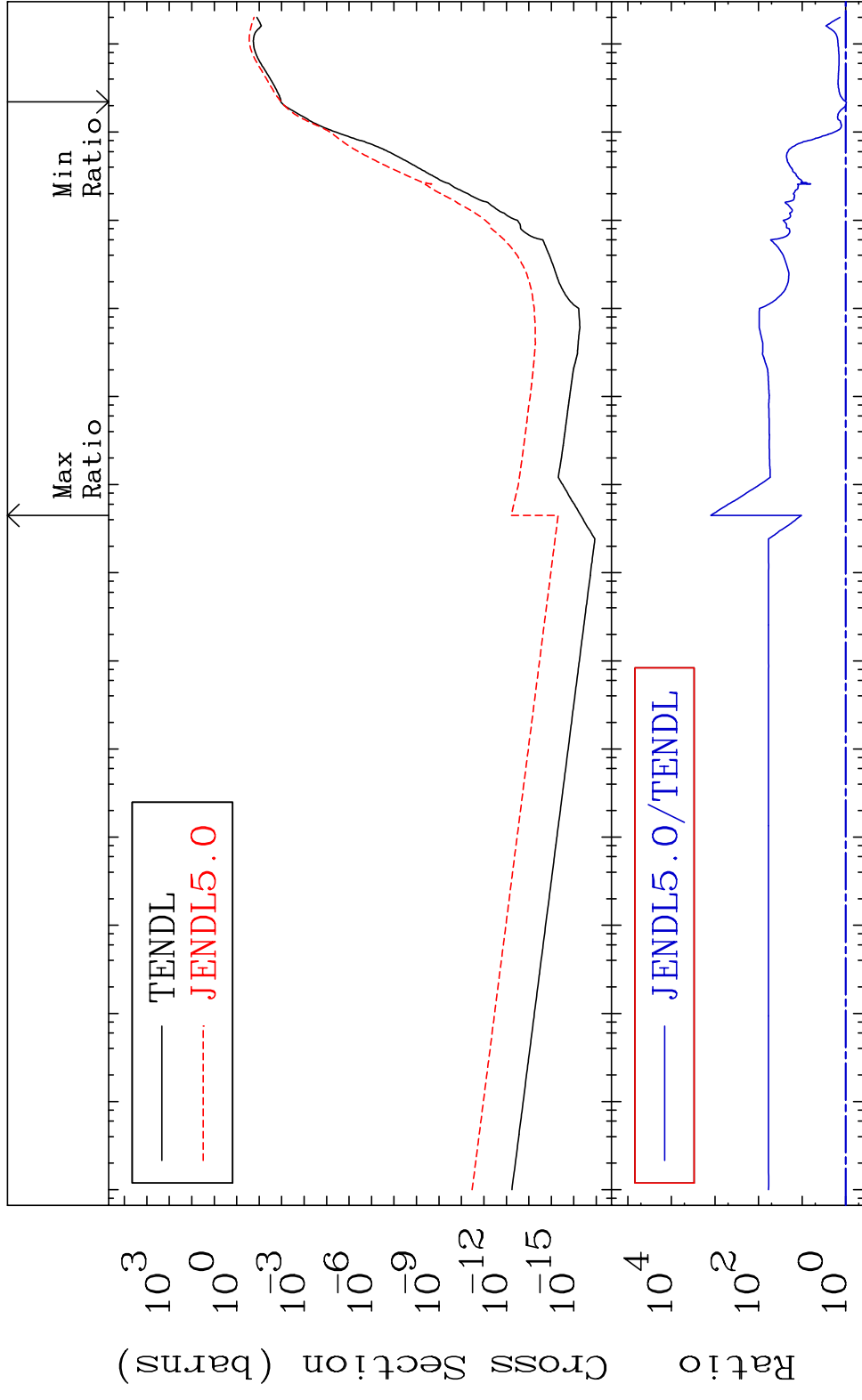
56-Ba-136

MAT 5643

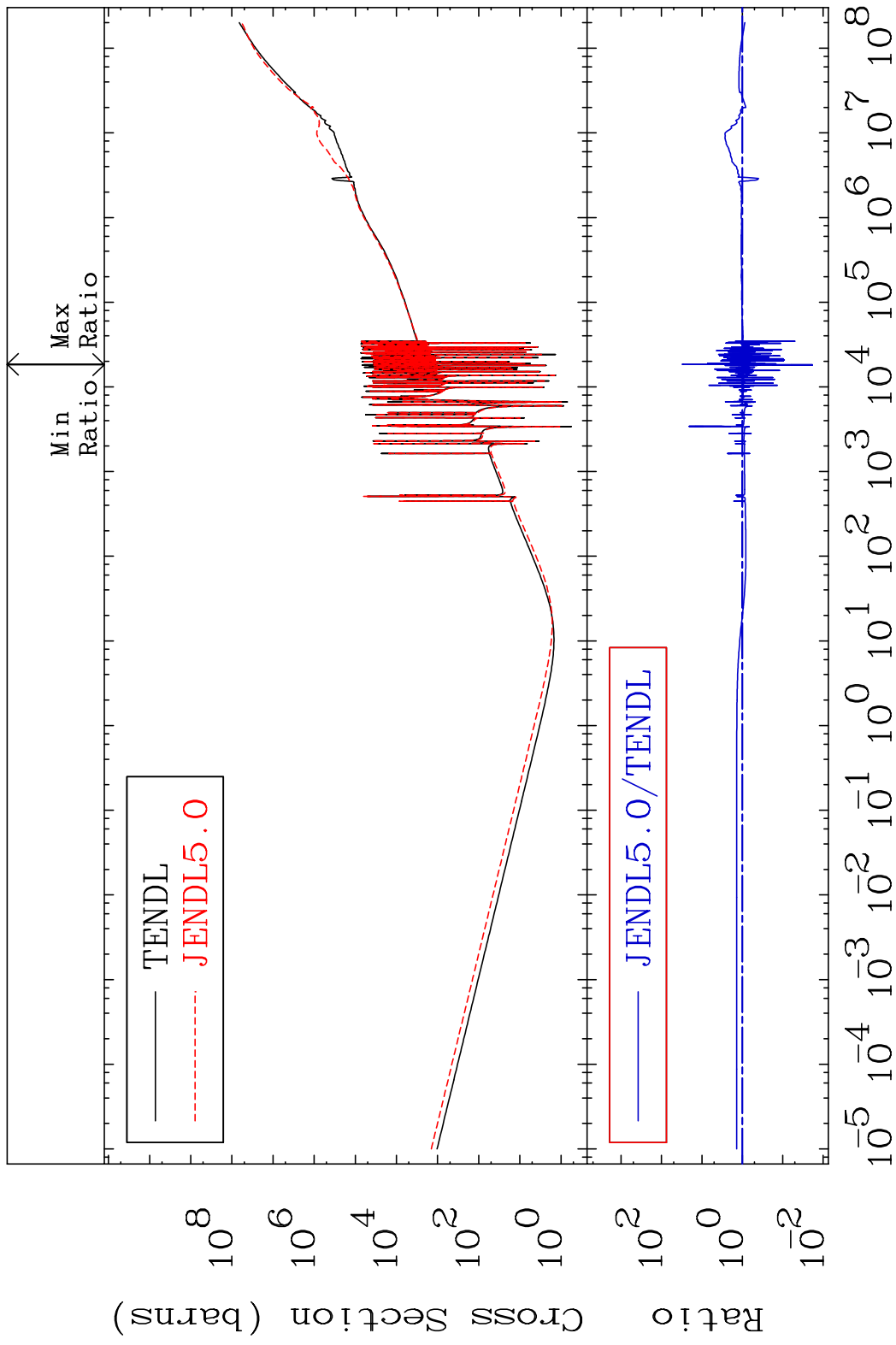
He-4 Production

56-Ba-136

Cross Section -3.331 To 9999. %



MAT 5643 Kerma total (eV-barns) 56-Ba-136  
 Cross Section -98.18 To 2950. %

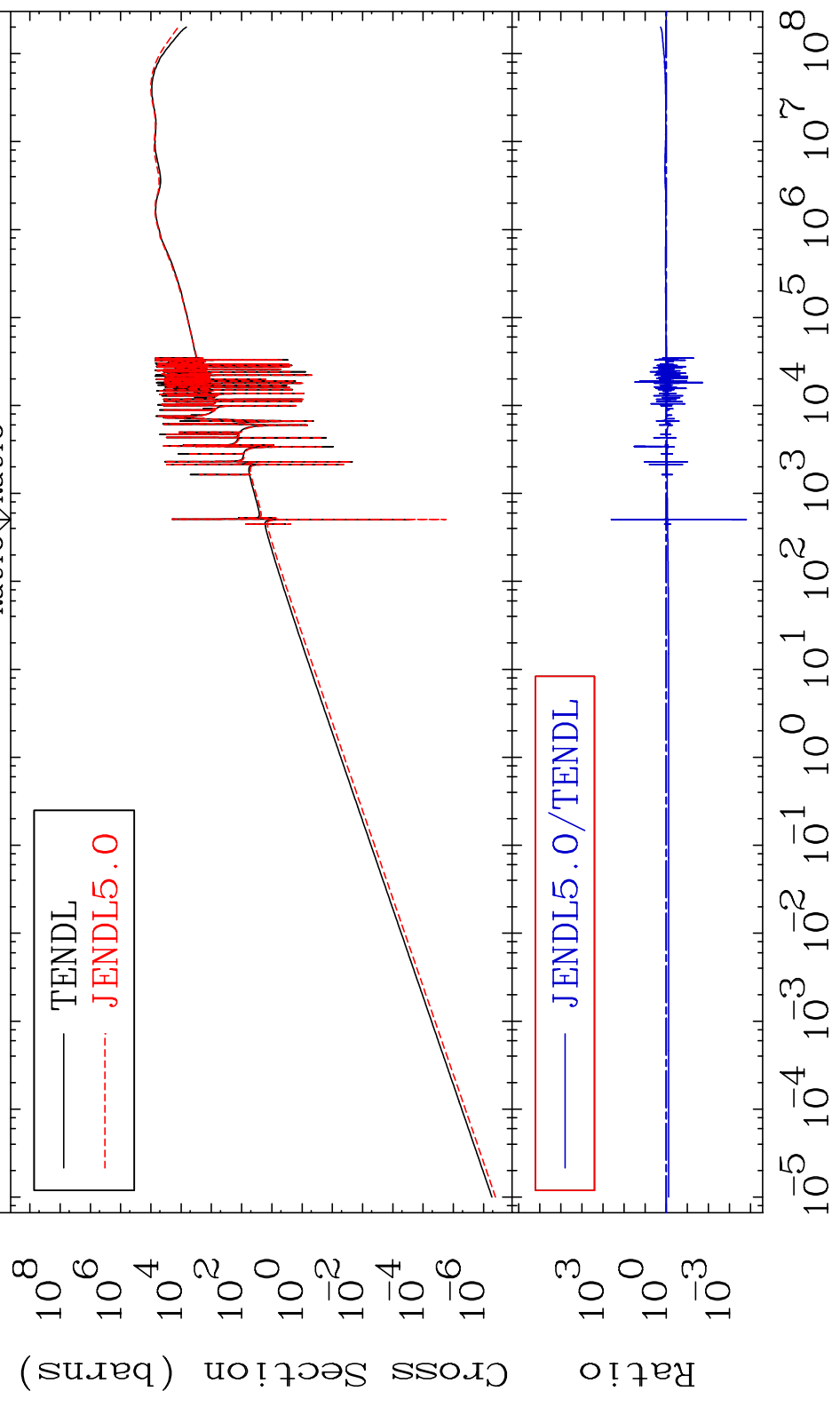


52 Incident Energy (eV) 56-Ba-136

MAT 5643

Kerma elastic  
Cross Section -99.98 To 9999. %

56-Ba-136

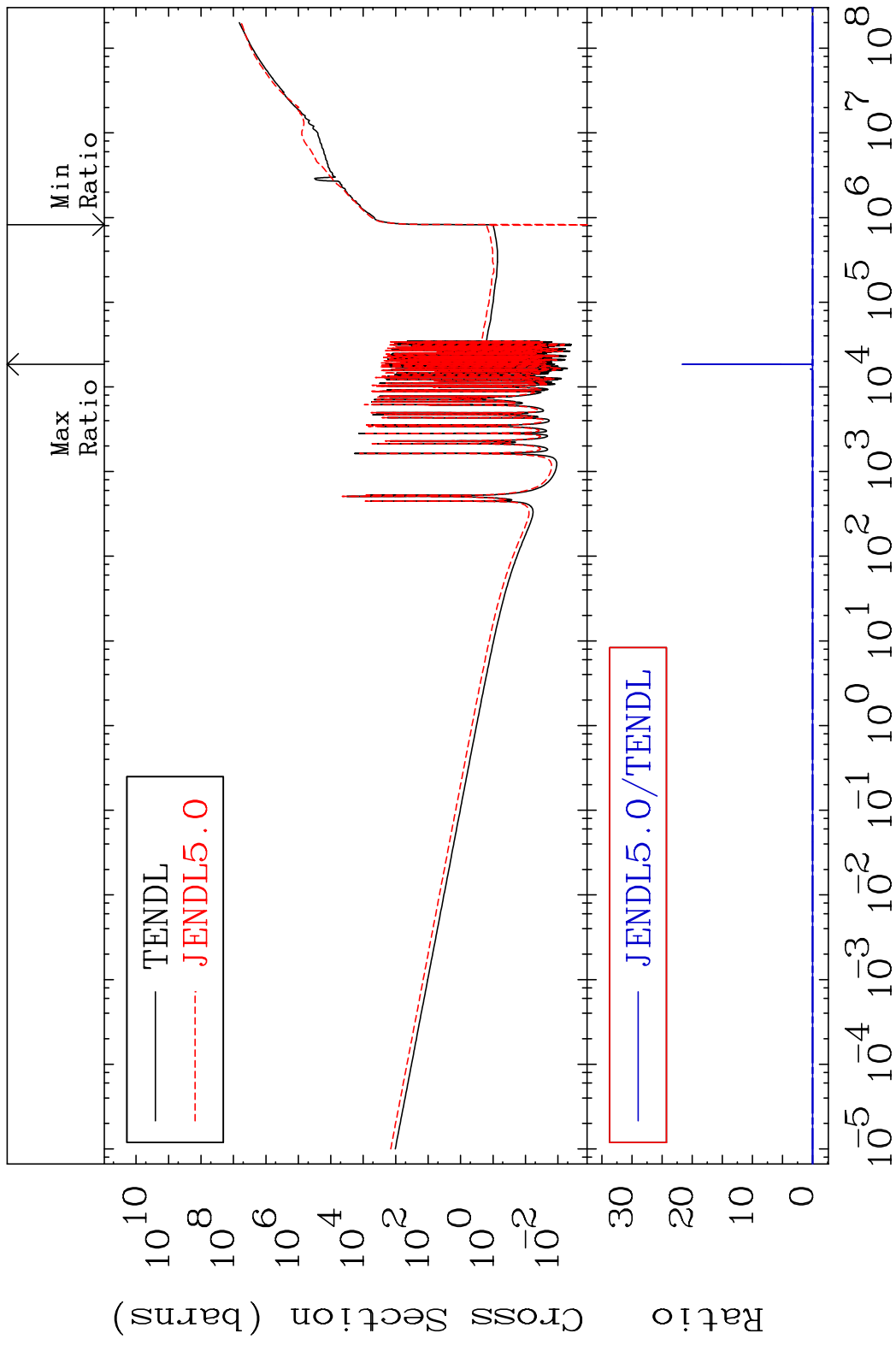


53

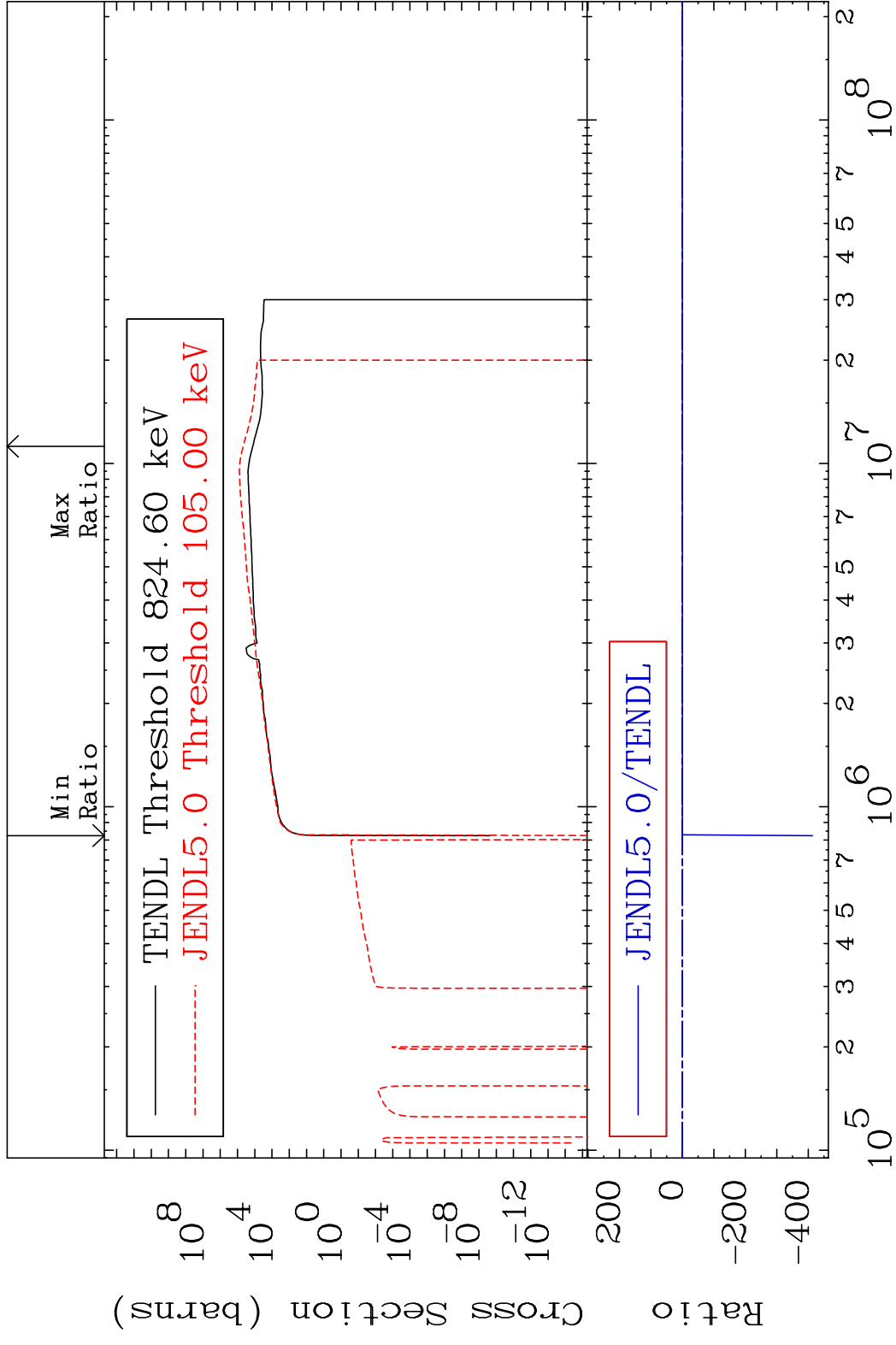
Incident Energy (eV)

56-Ba-136

MAT 5643 Kerma non-elastic (all but mt2) 56-Ba-136  
 Cross Section -171.3 To 9999. %



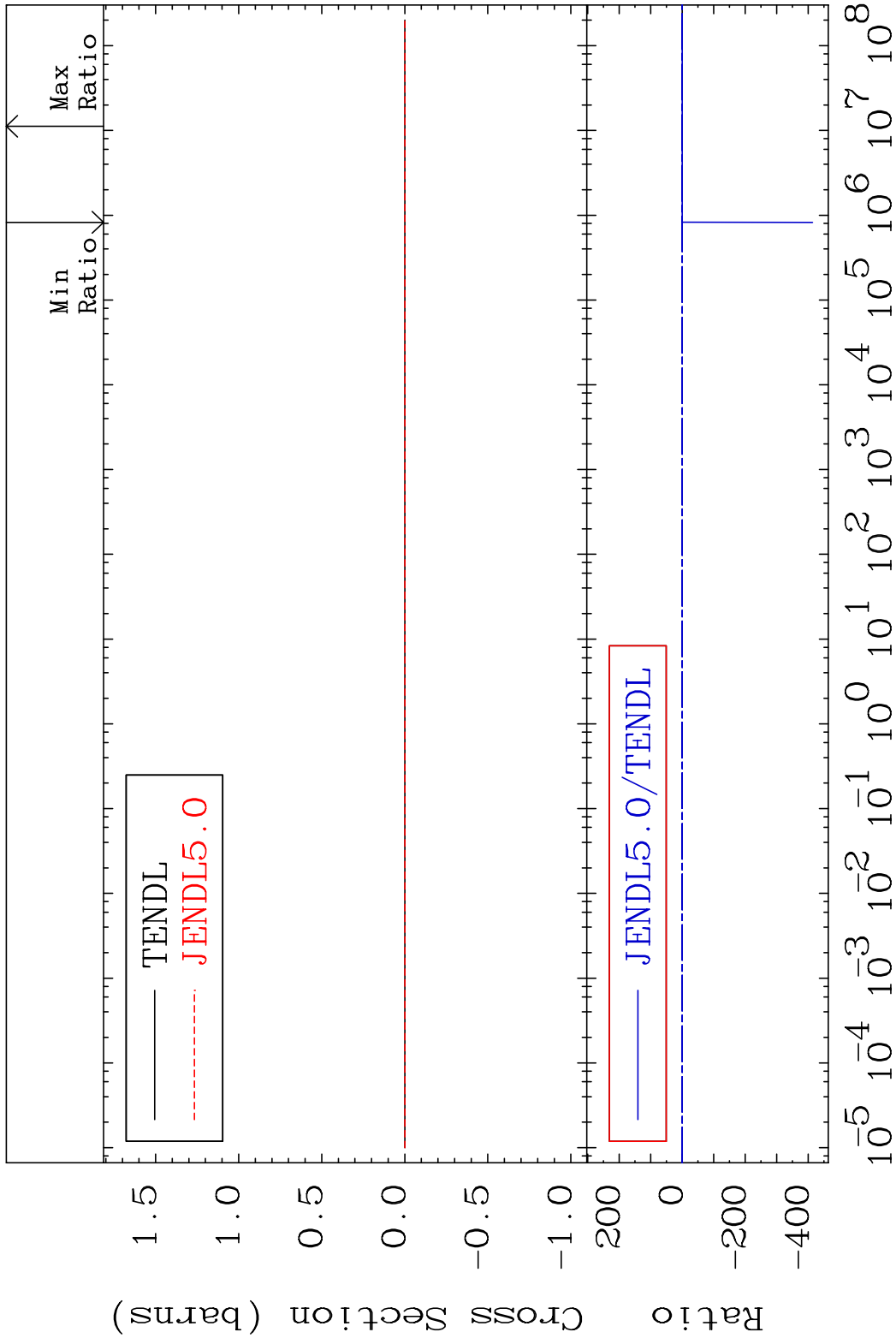
MAT 5643 Kerma inelastic (mt51-91) 56-Ba-136  
 Cross Section -9999. To 259.3 %



55 Incident Energy (eV) 56-Ba-136

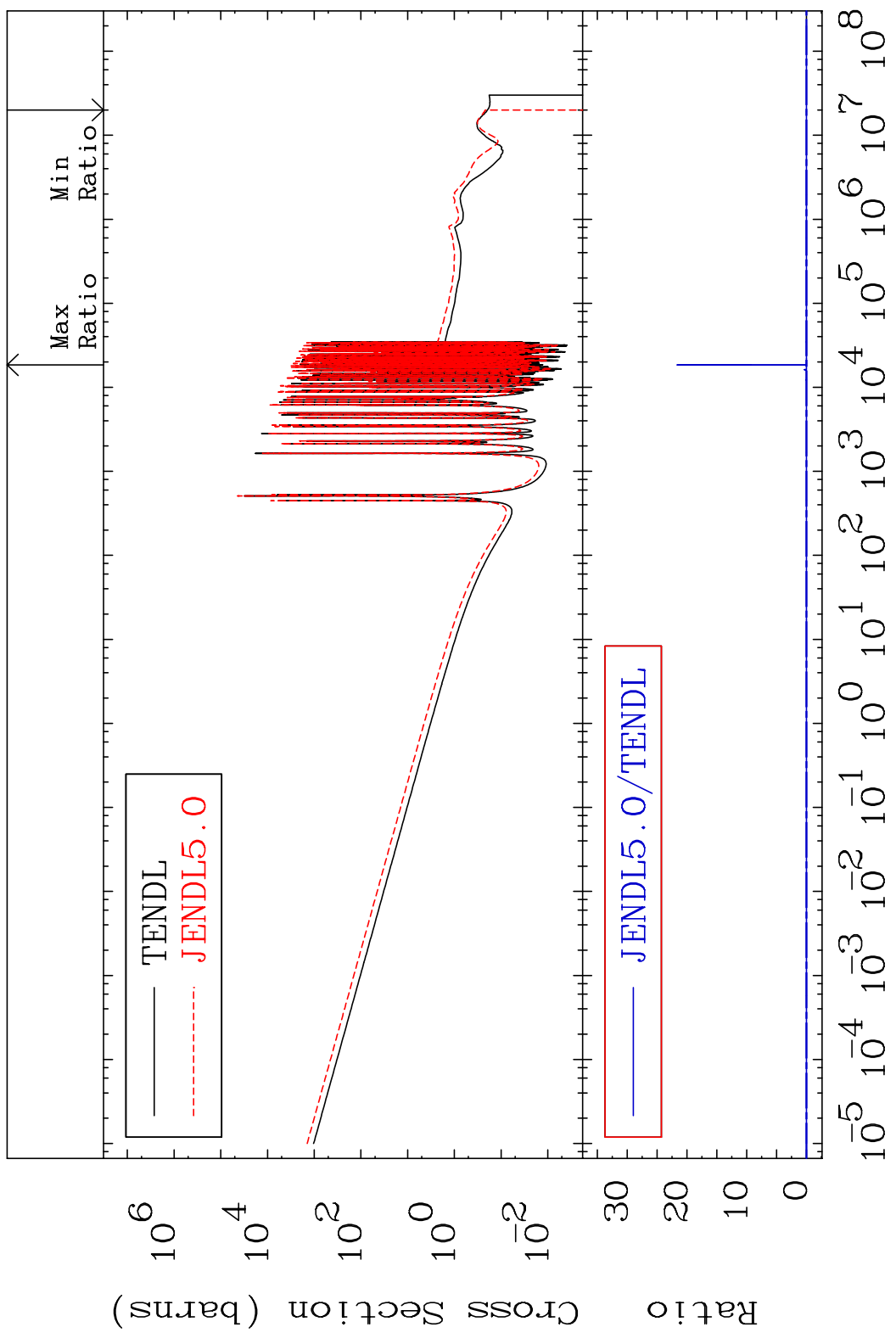


MAT 5643 Kerma fission (mt18 or mt19-20-21-38) 56-Ba-136  
 Cross Section -9999. To 259.3 %



MAT 5643

Kerma capture (mt102) 56-Ba-136  
Cross Section -100.0 To 9999. %

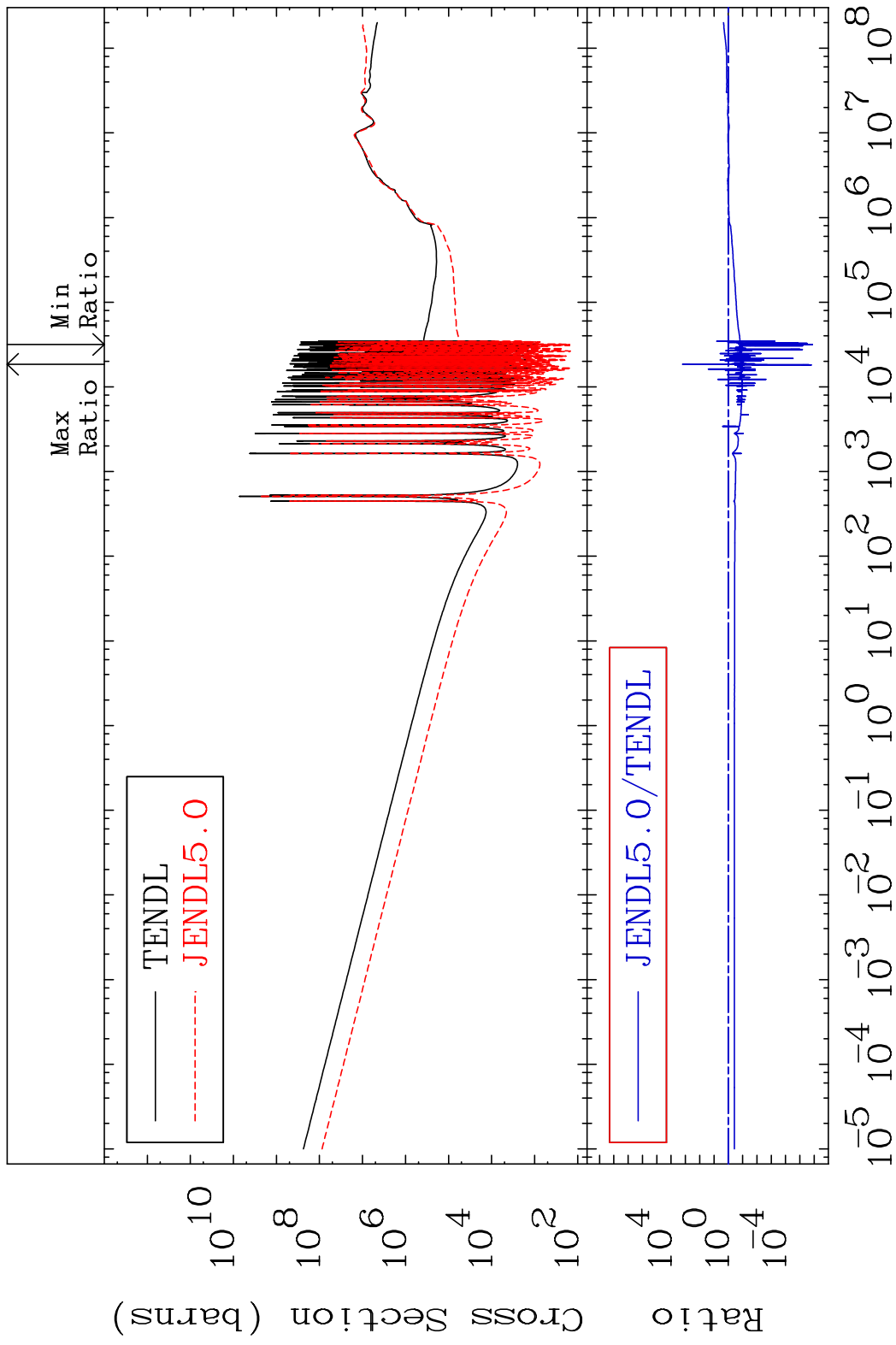


57

Incident Energy (eV)

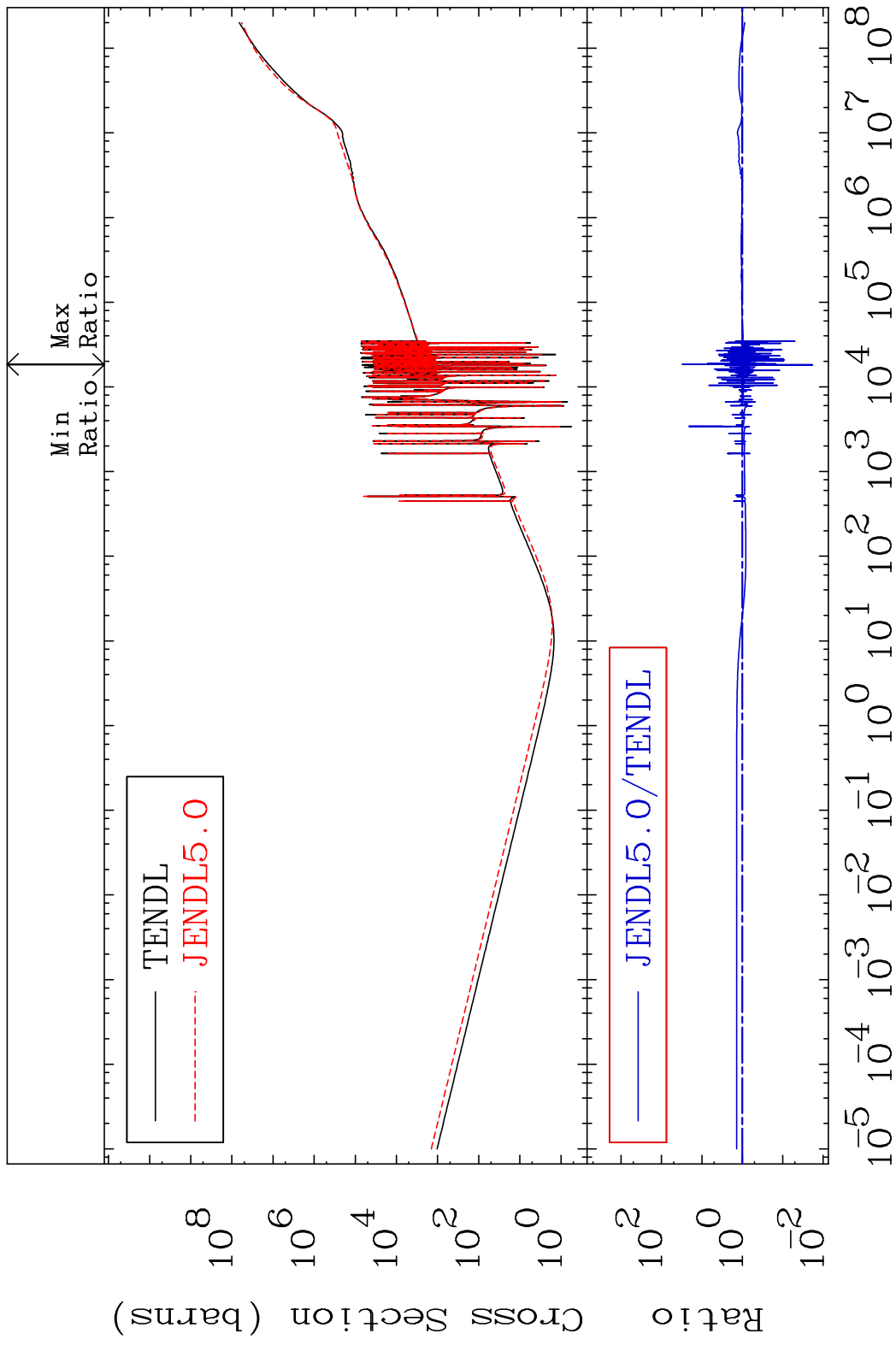
56-Ba-136

MAT 5643 Total photon (eV-barns) 56-Ba-136  
 Cross Section -100.0 To 9999. %



58 Incident Energy (eV) 56-Ba-136

MAT 5643 Total kinematic kerma (high limit) 56-Ba-136  
Cross Section -98.18 To 2950. %

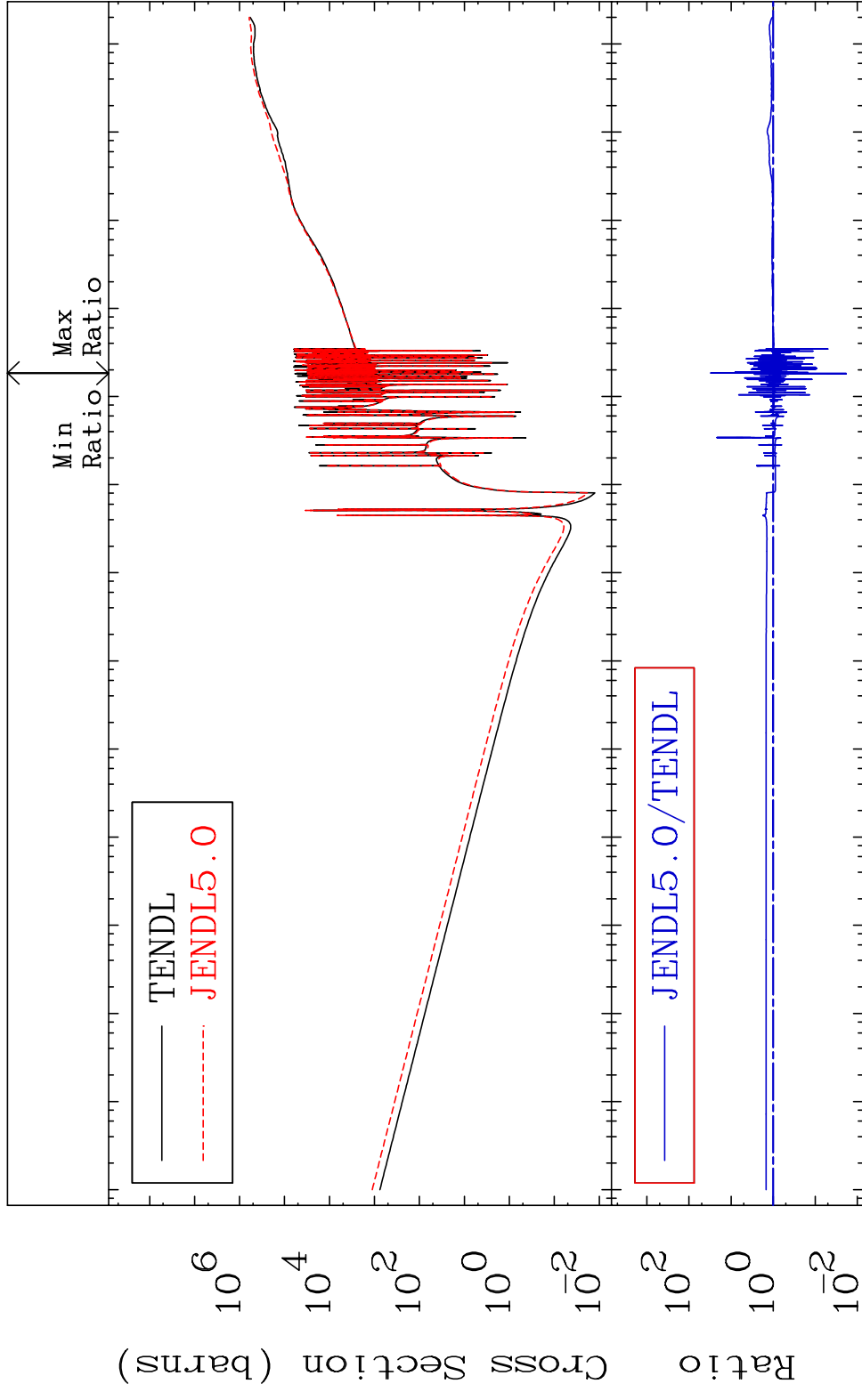


MAT 5643

Dpa total (eV-barns)

56-Ba-136

Cross Section -98.17 To 2947. %



60

Incident Energy (eV)

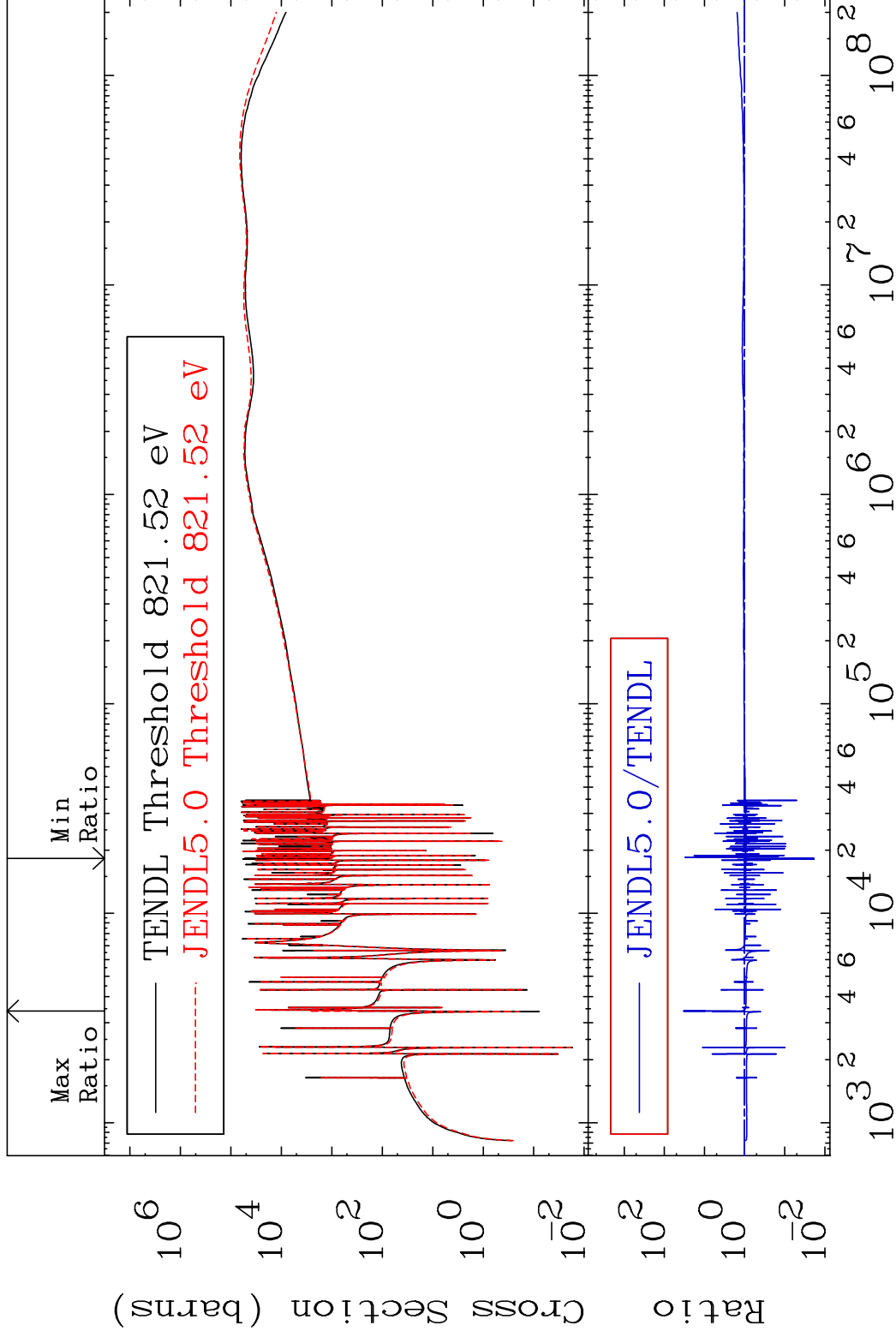
56-Ba-136

MAT 5643

Dpa elastic (mt2)

56-Ba-136

Cross Section -98.15 To 3194. %



61

Incident Energy (eV)

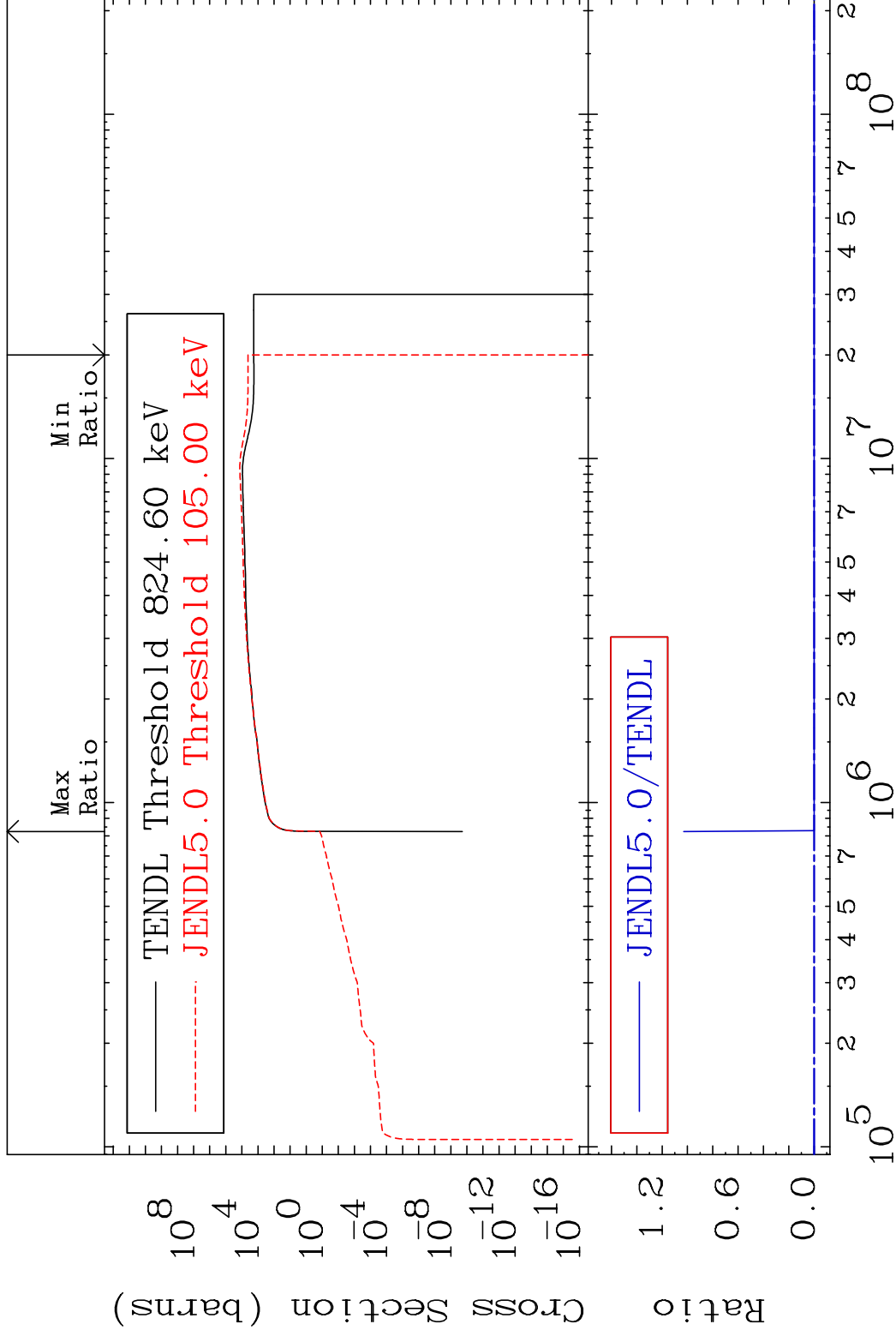
56-Ba-136

MAT 5643

Dpa inelastic (mt51-91)

56-Ba-136

Cross Section -100.0 To 9999. %

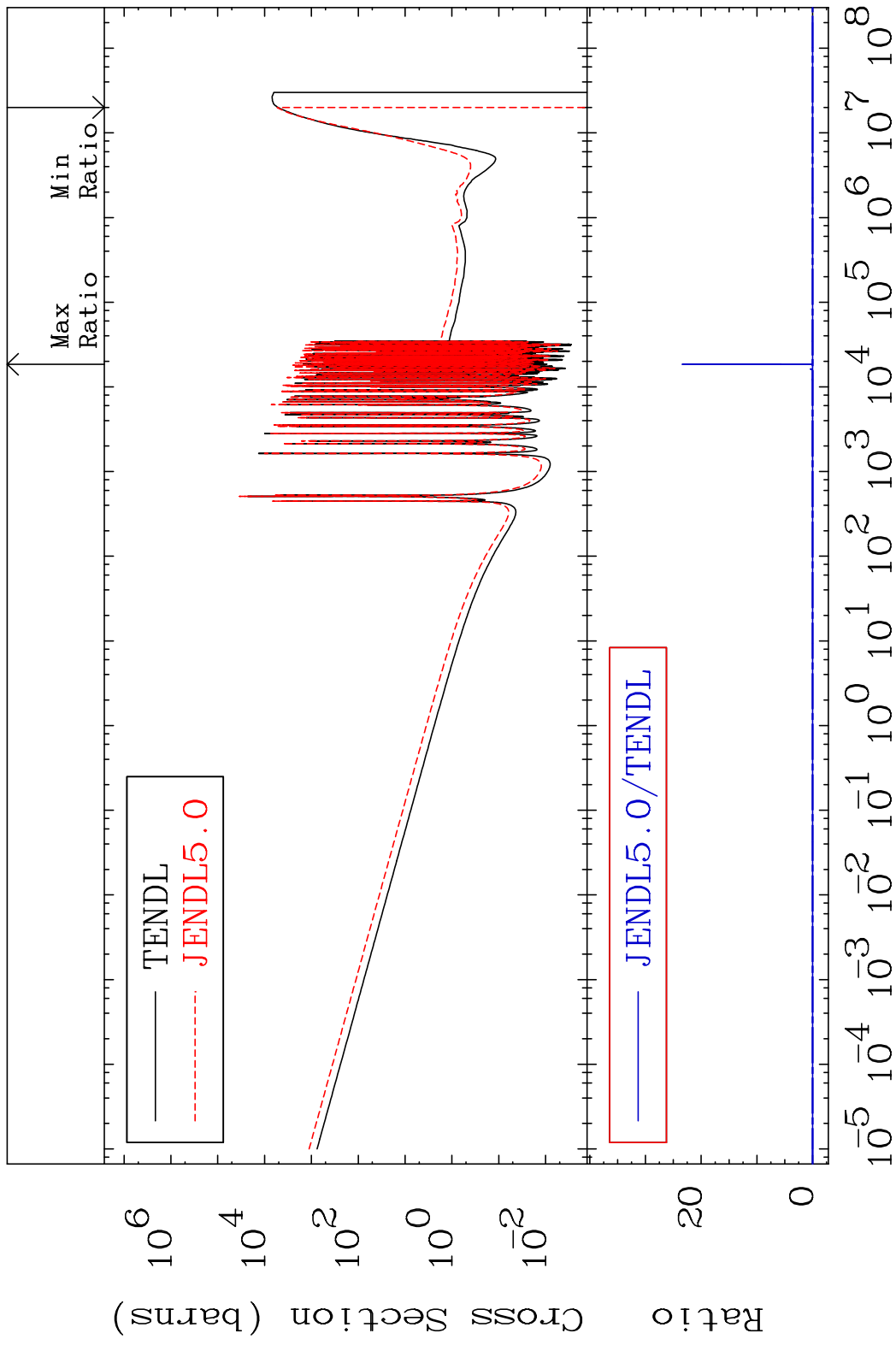


62

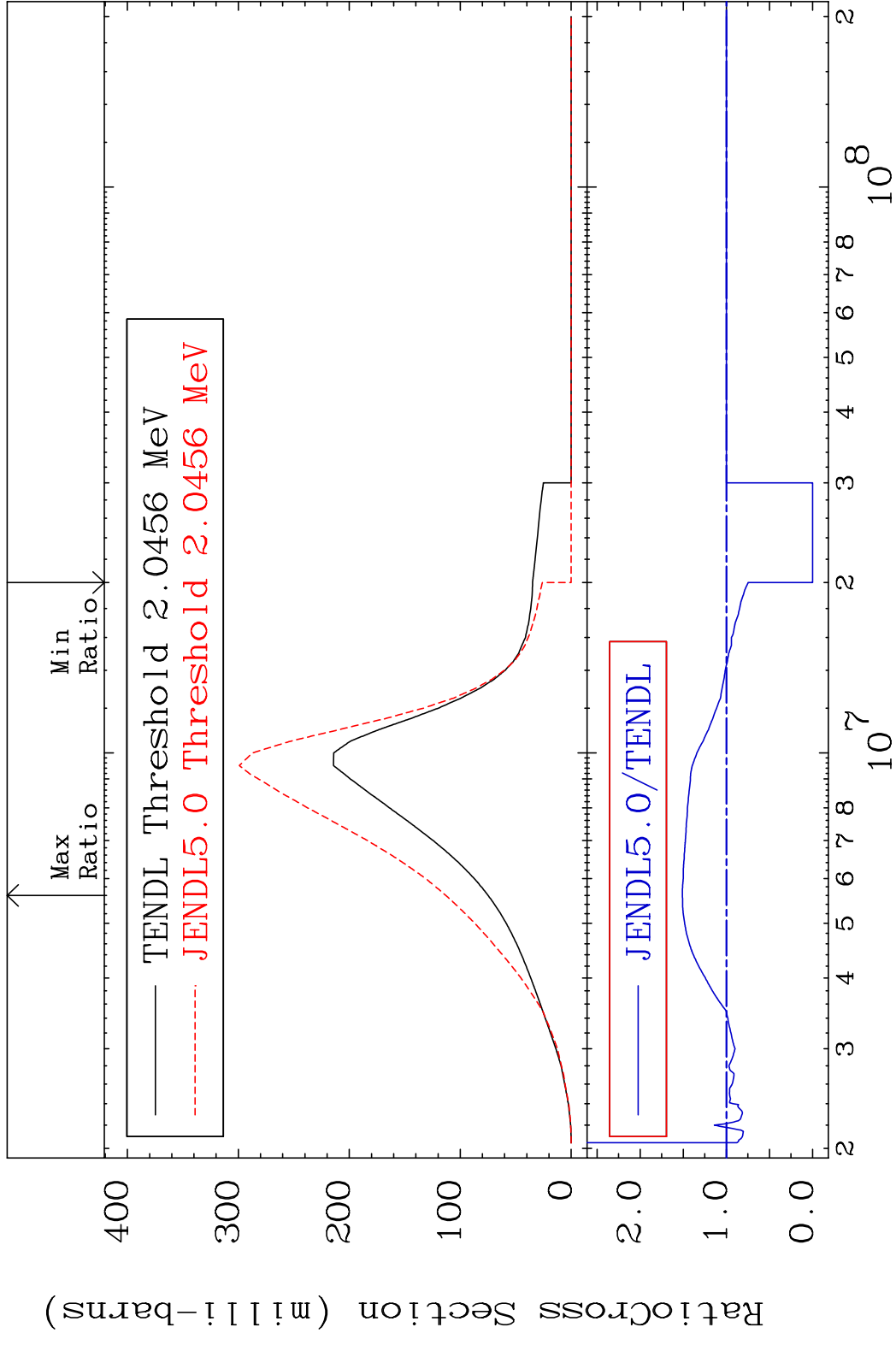
Incident Energy (eV)

56-Ba-136

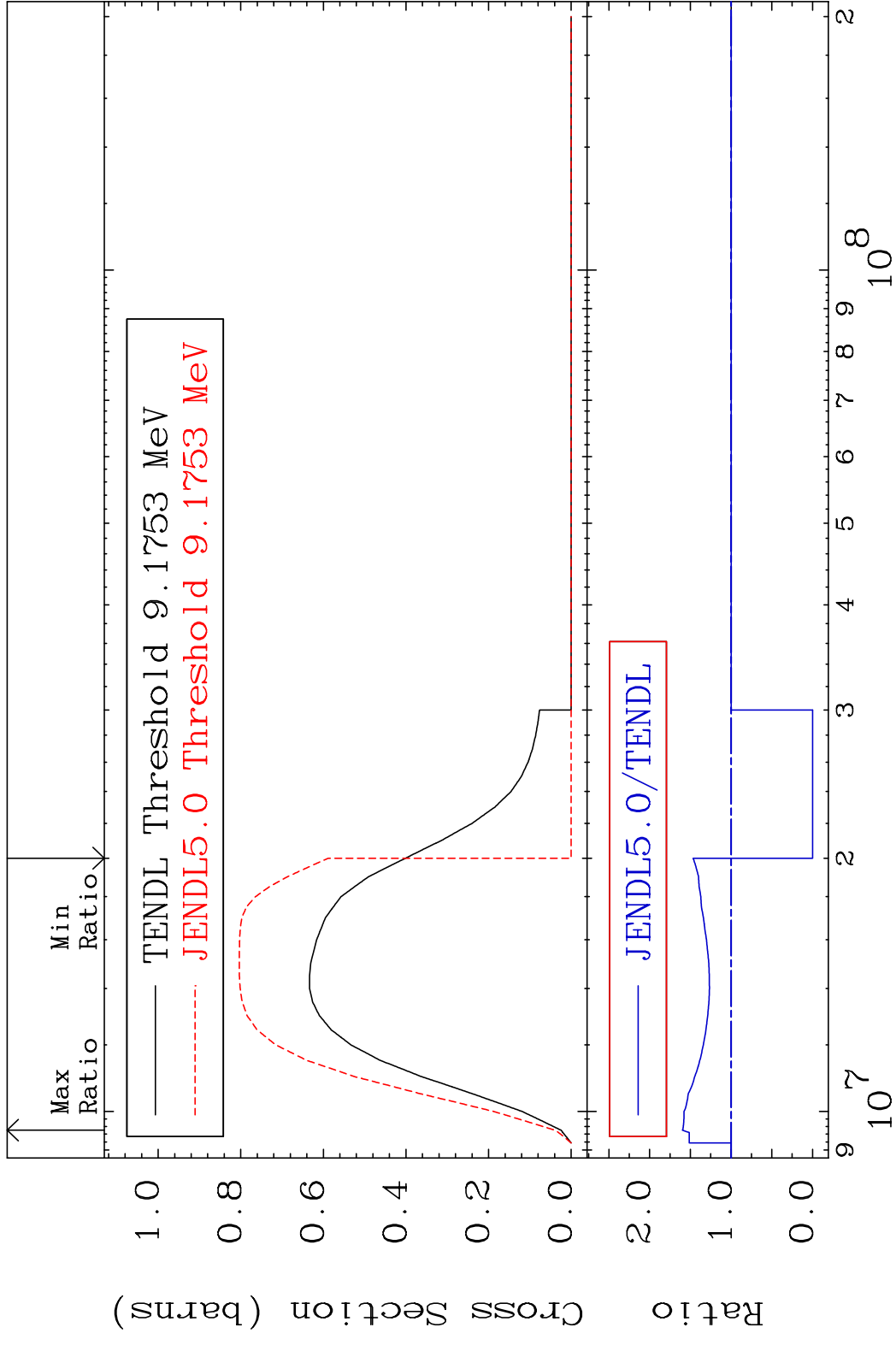
MAT 5643 Dpa disappearance (mt102 -120) 56-Ba-136  
 Cross Section -100.0 To 9999. %





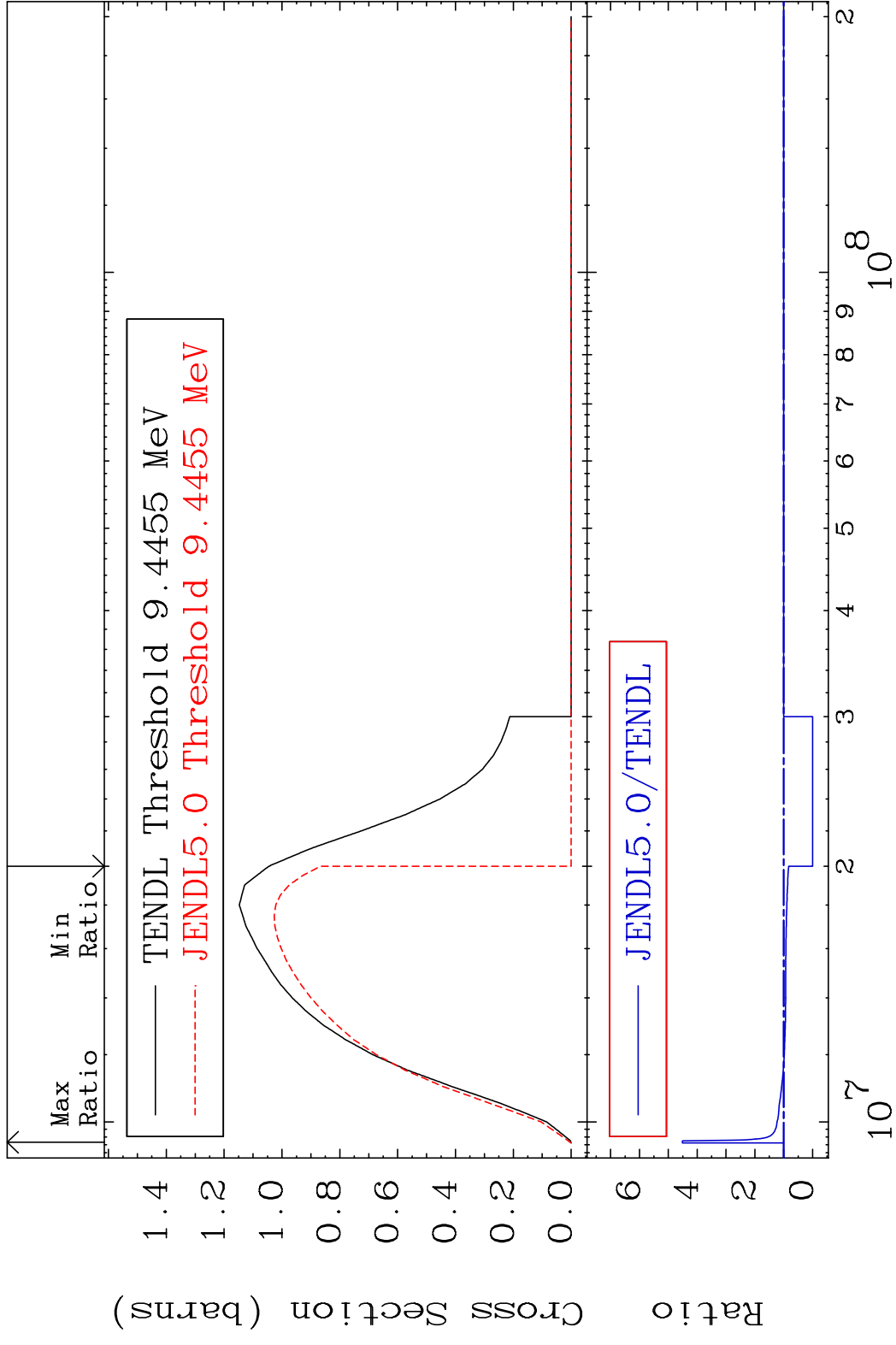


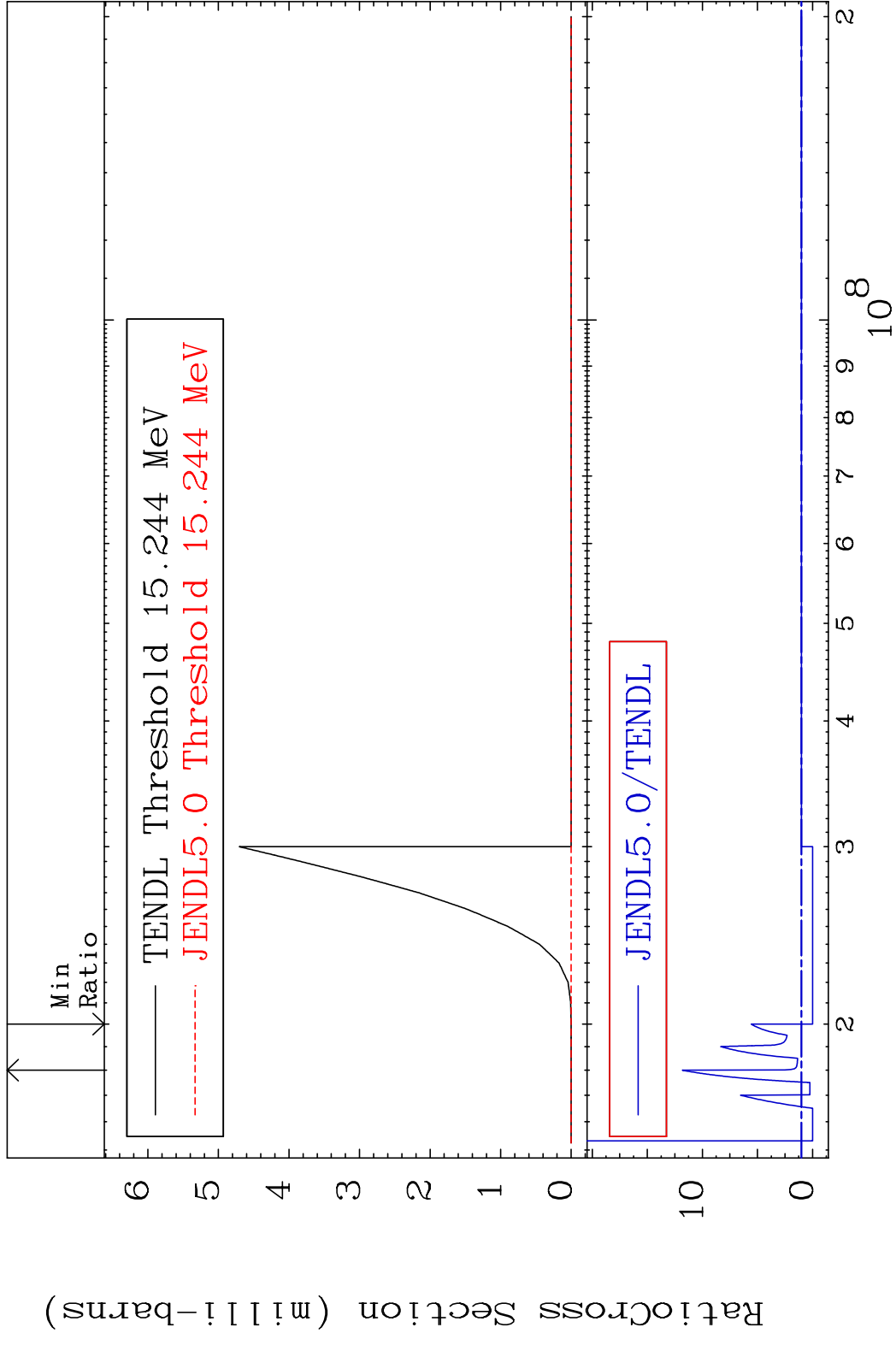
MAT 5643 (n,2n):56-Ba-135g 56-Ba-136  
 Radionuclide Production Cross Section Ratio 59.85 %

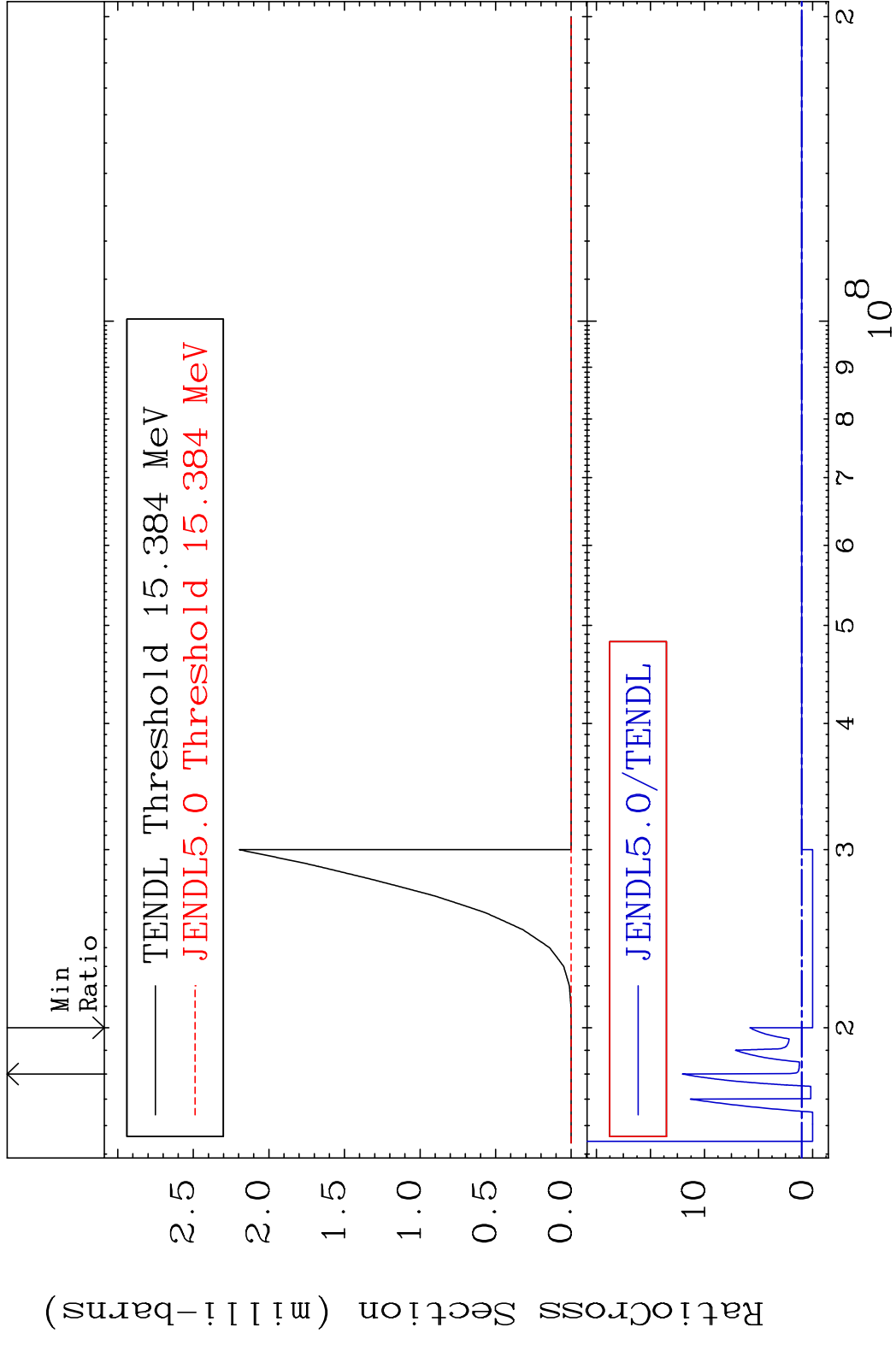


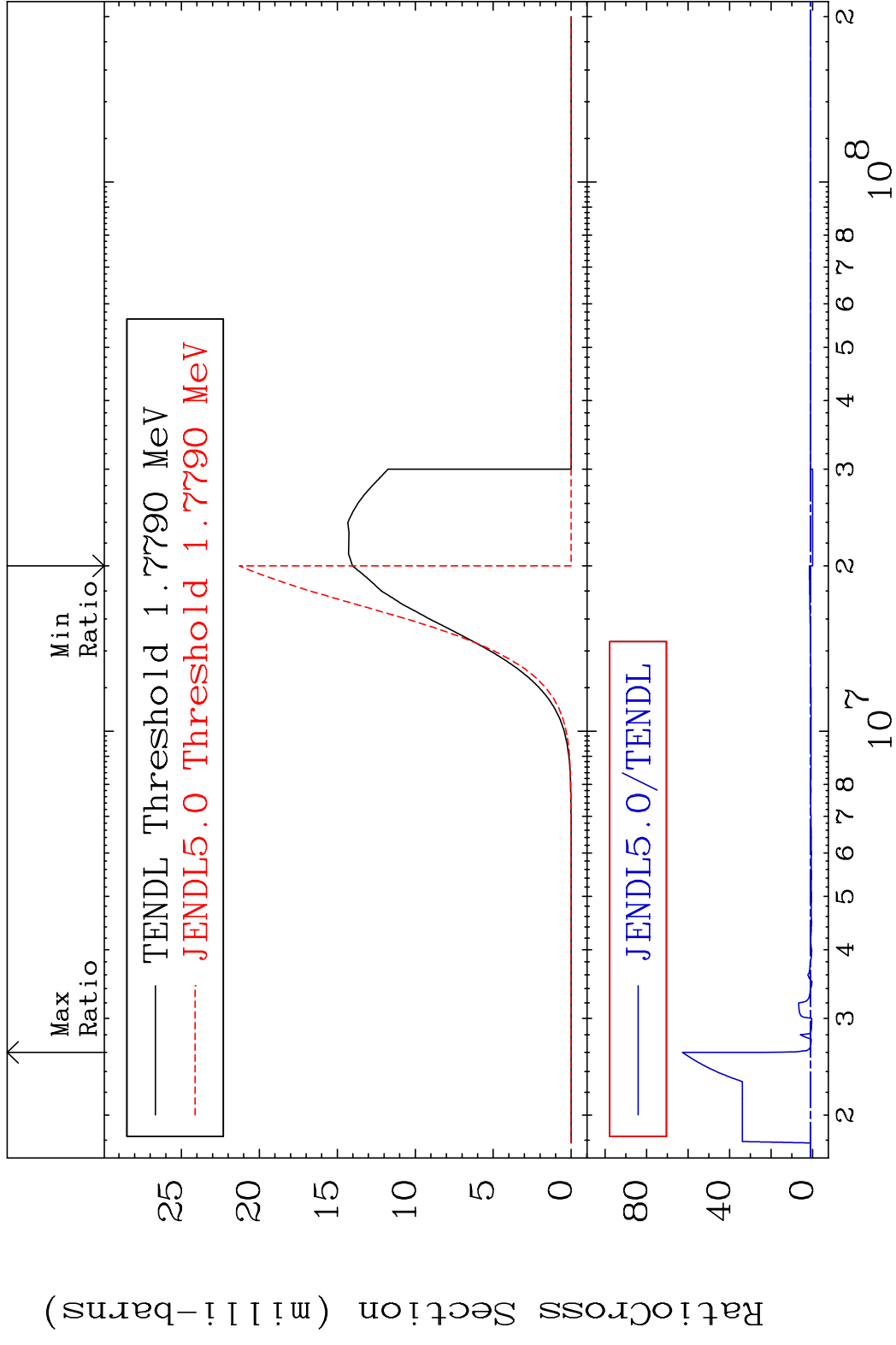
65 56-Ba-136

MAT 5643 (n,2n):56-Ba-135m2 56-Ba-136  
 Radionuclide Production Cross Section 180.0 dth 351.4 %

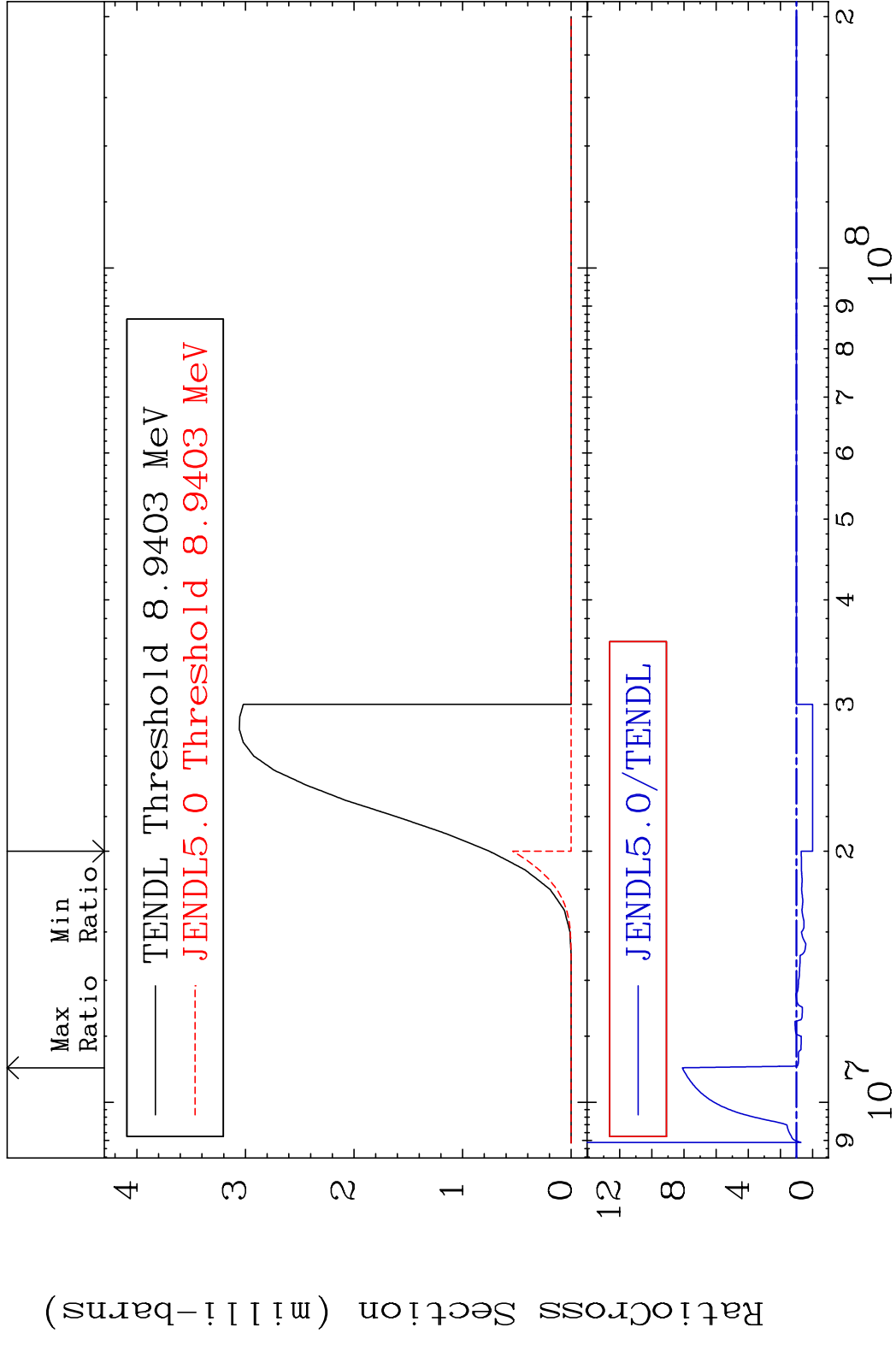








MAT 5643 (n,t):55-Cs-134g 56-Ba-136  
 Radionuclide Production Cross Section 180.0 dth 710.4 %



70 Incident Energy (eV) 56-Ba-136

MAT 5643 (n, t):55-Cs-134m3 56-Ba-136  
 Radionuclide Production Cross Section Ratio

