

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

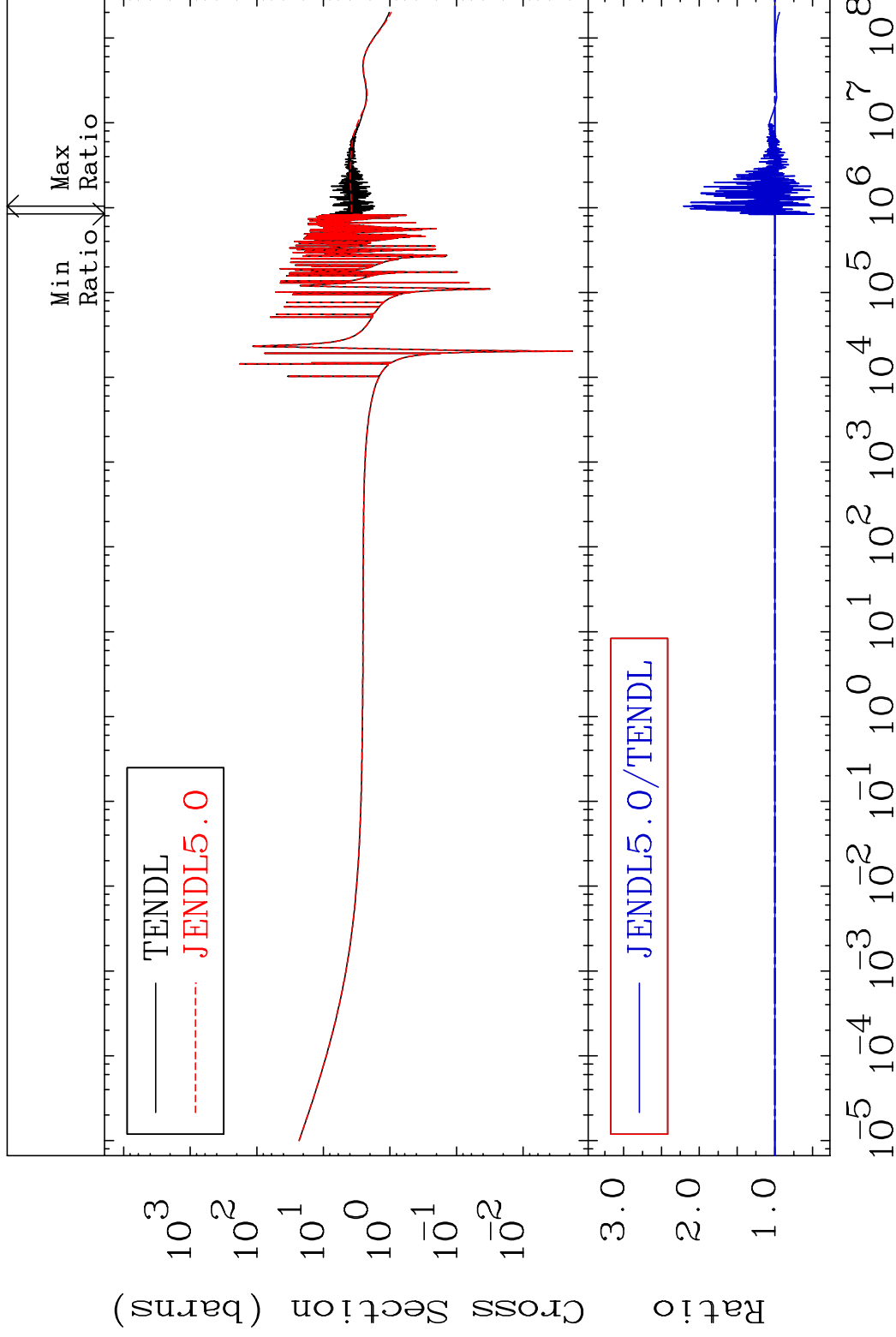
MAT 2437

Total

24-Cr-54

Cross Section

-51.98 To 120.7 %



1

Incident Energy (eV)

24-Cr-54

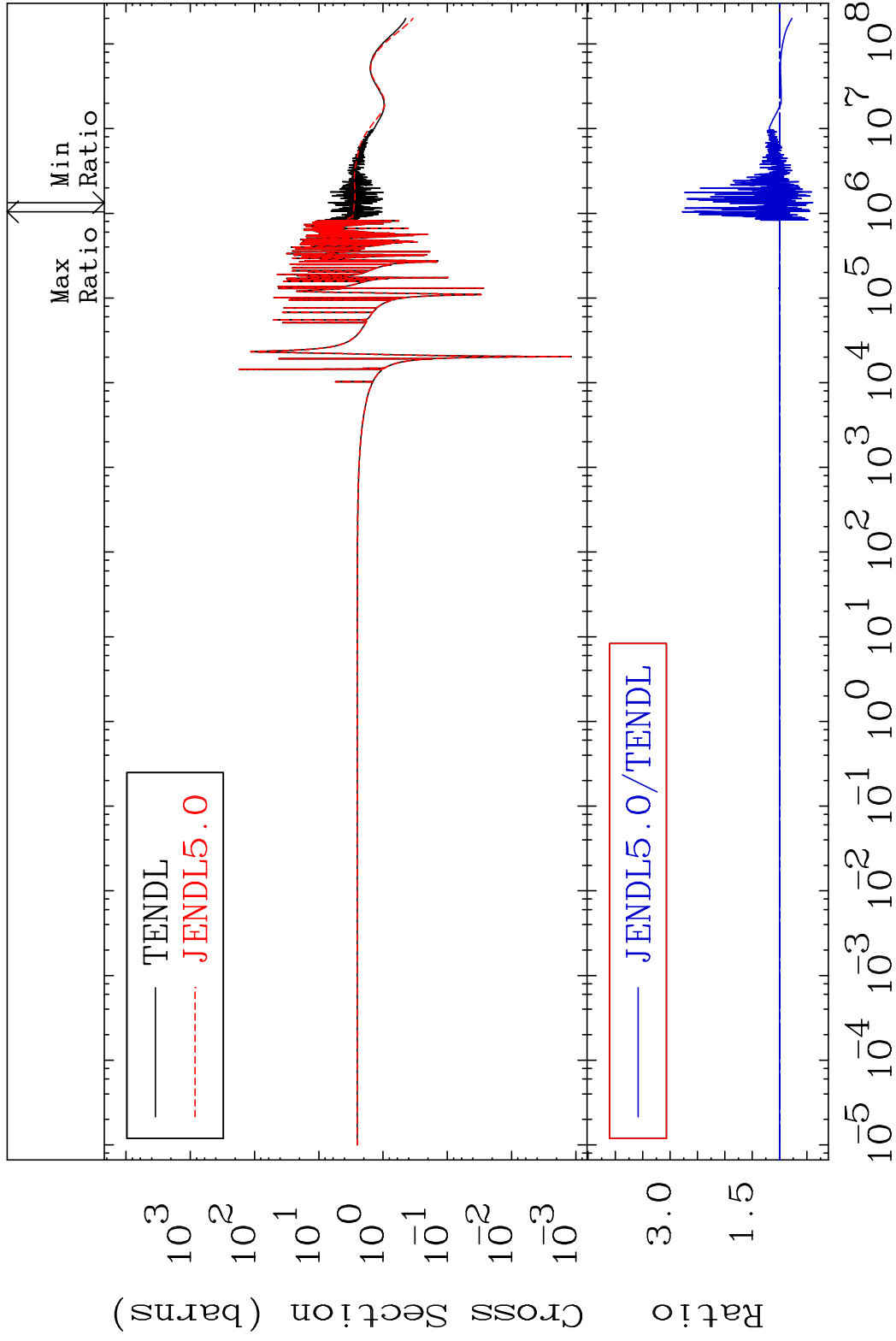
MAT 2437

Elastic

24-Cr-54

Cross Section

-60.35 To 177.6 %



2

Incident Energy (eV)

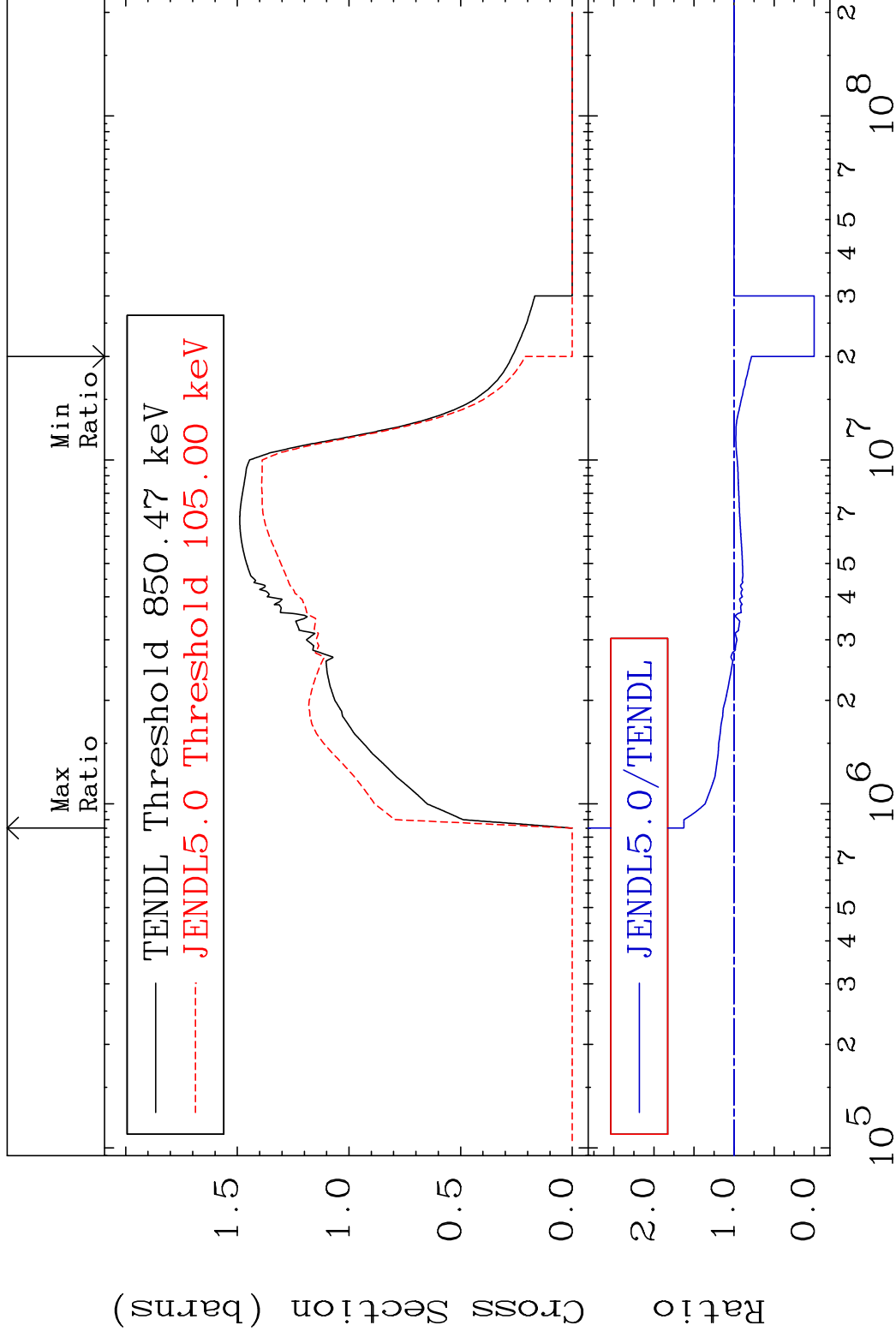
24-Cr-54

MAT 2437

Inelastic

²⁴Cr-54

Cross Section -100.0 To 62.87 %



3

Incident Energy (eV)

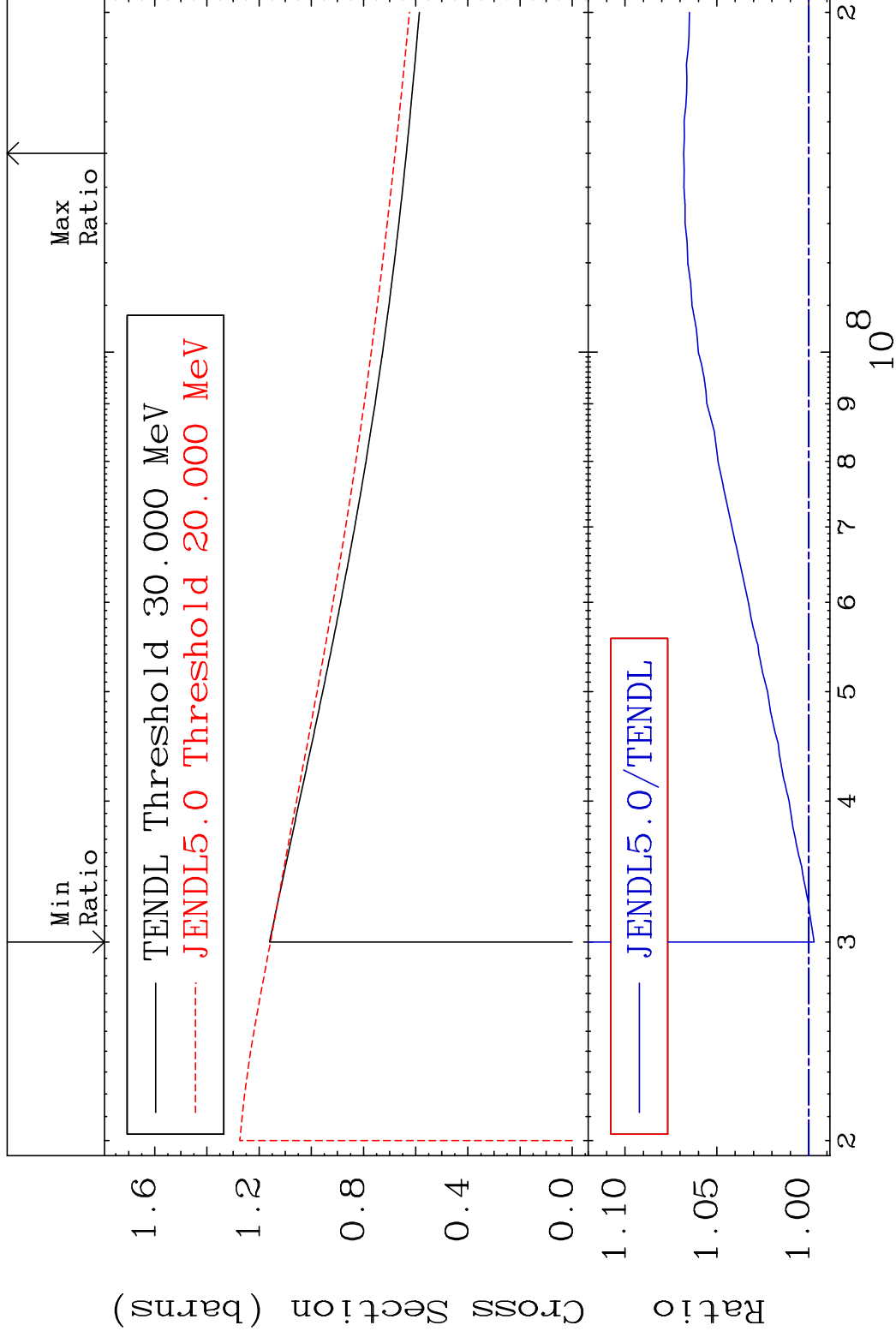
²⁴Cr-54

MAT 2437

(n, remainder)

²⁴Cr-54

Cross Section -0.297 To 6.807 %



4

Incident Energy (eV)

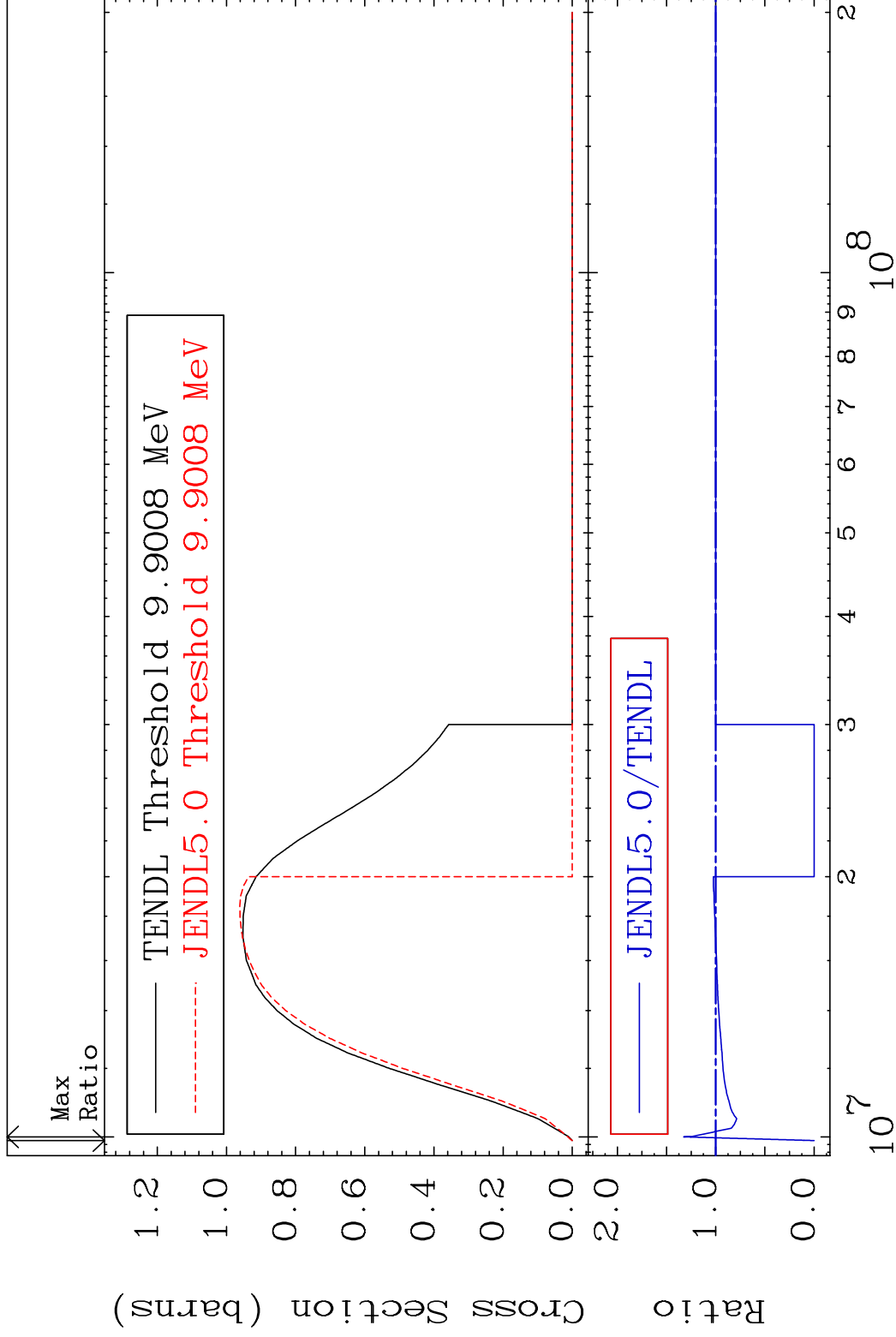
²⁴Cr-54

MAT 2437

(n,2n)

²⁴Cr-54

Cross Section -100.0 To 32.60 %

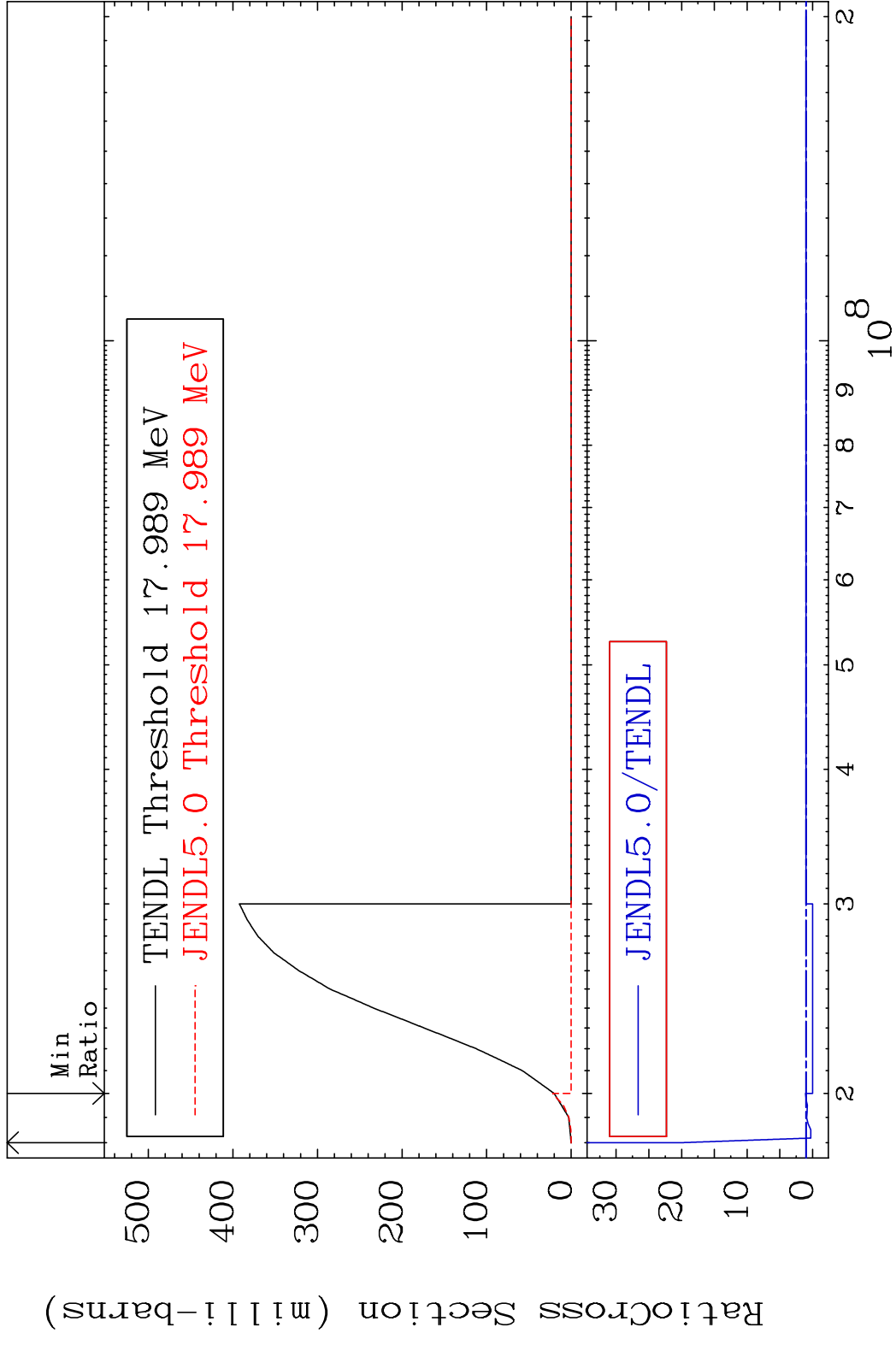


5

Incident Energy (eV)

²⁴Cr-54

MAT 2437 (n,3n) 24-Cr-54
 Cross Section -100.0 To 1889. %

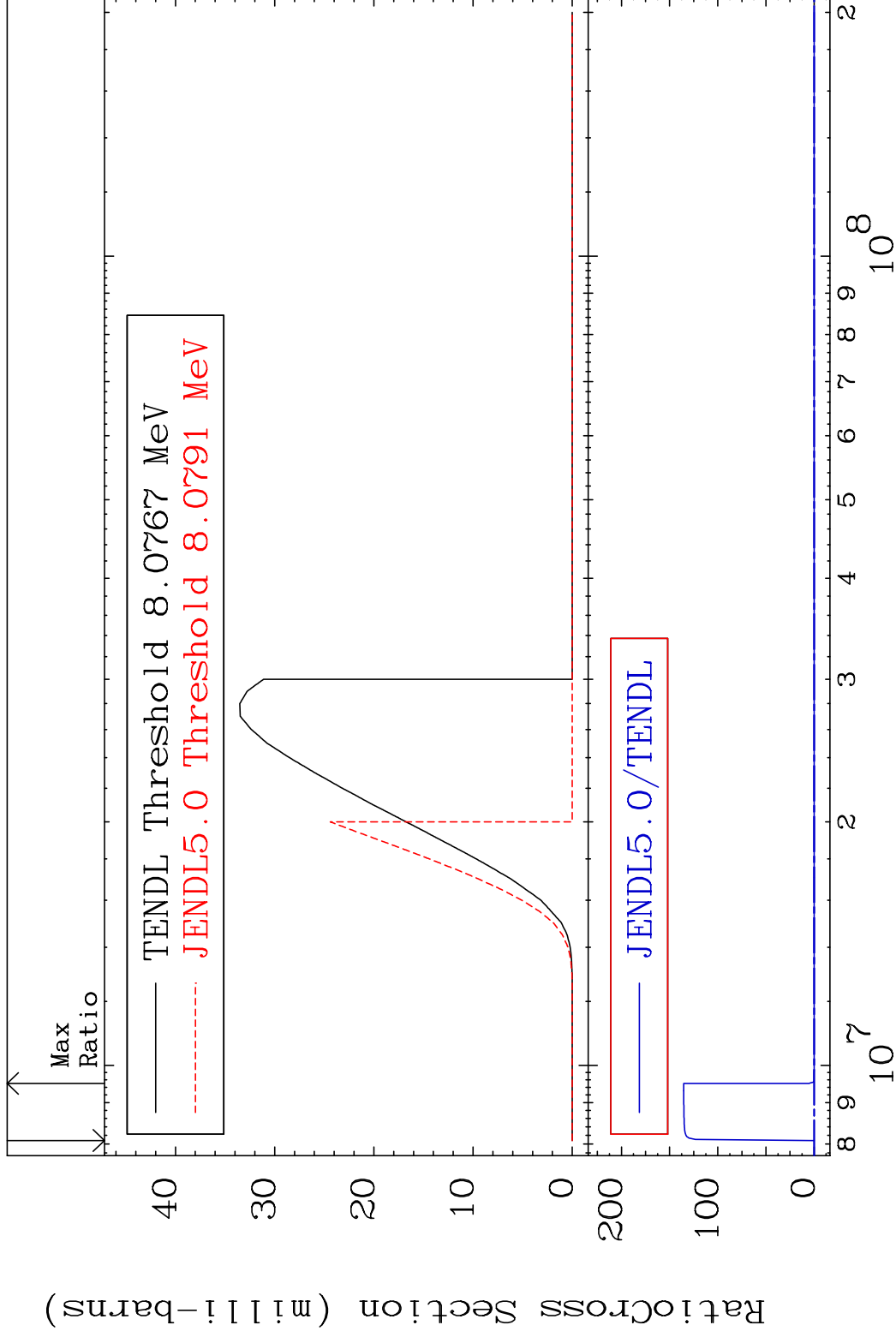


MAT 2437

(n, n') α

²⁴Cr-54

Cross Section -100.0 To 9999. %

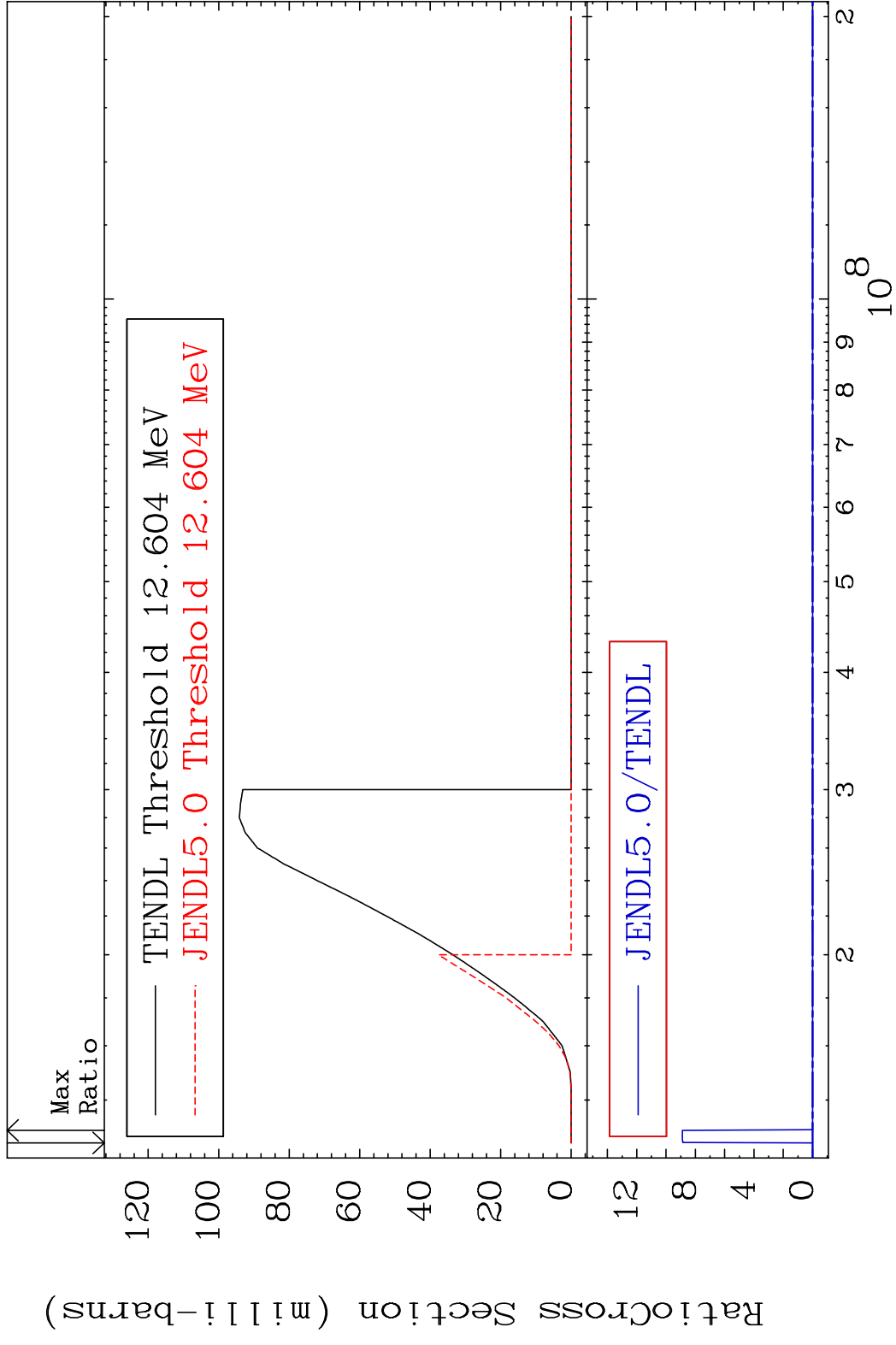


7

Incident Energy (eV)

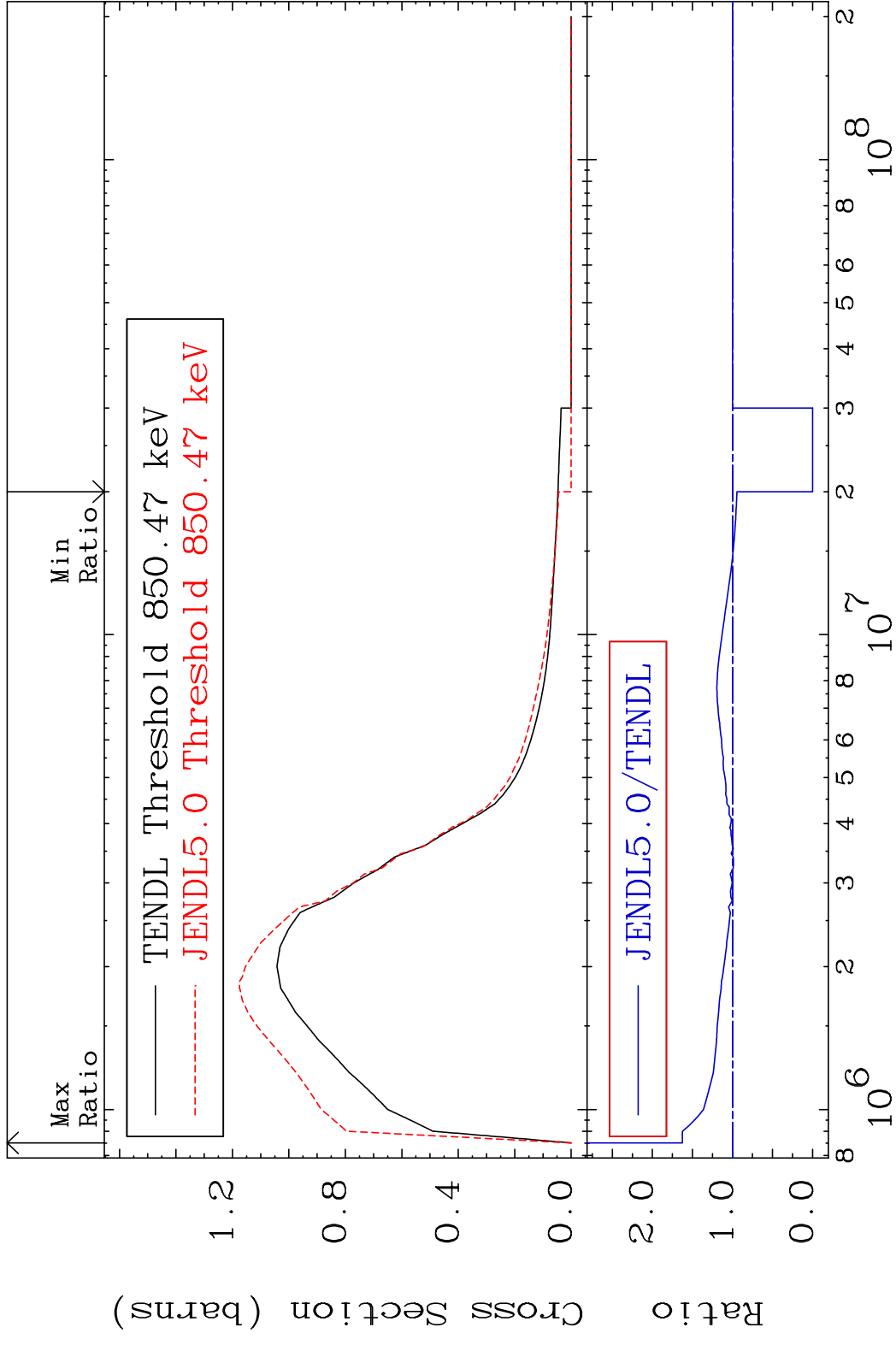
²⁴Cr-54

MAT 2437 (n, n') p 24-Cr-54
 Cross Section -100.0 To 9999. %



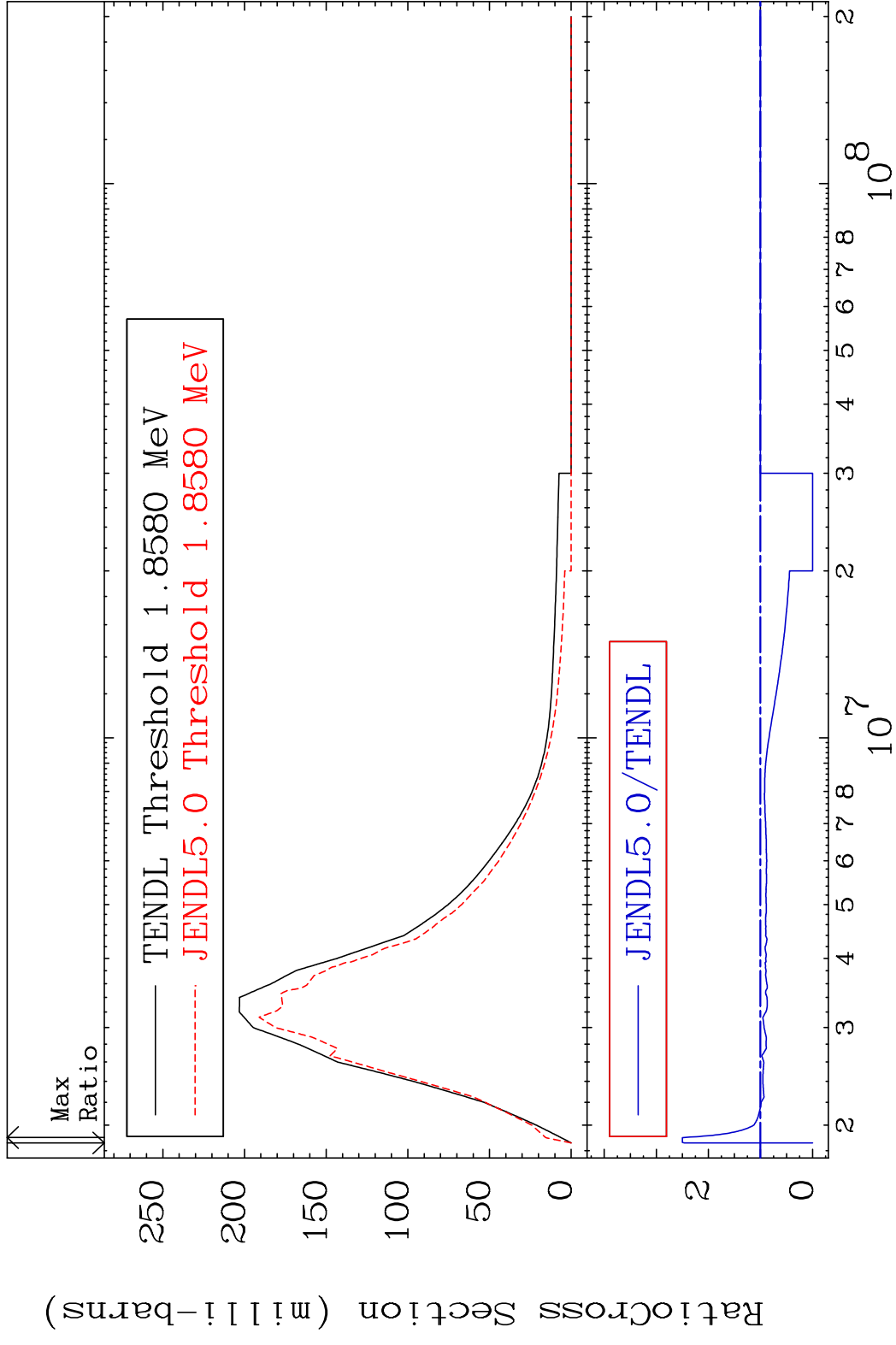
8 8 24-Cr-54

MAT 2437 MT= 51 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 62.58 %

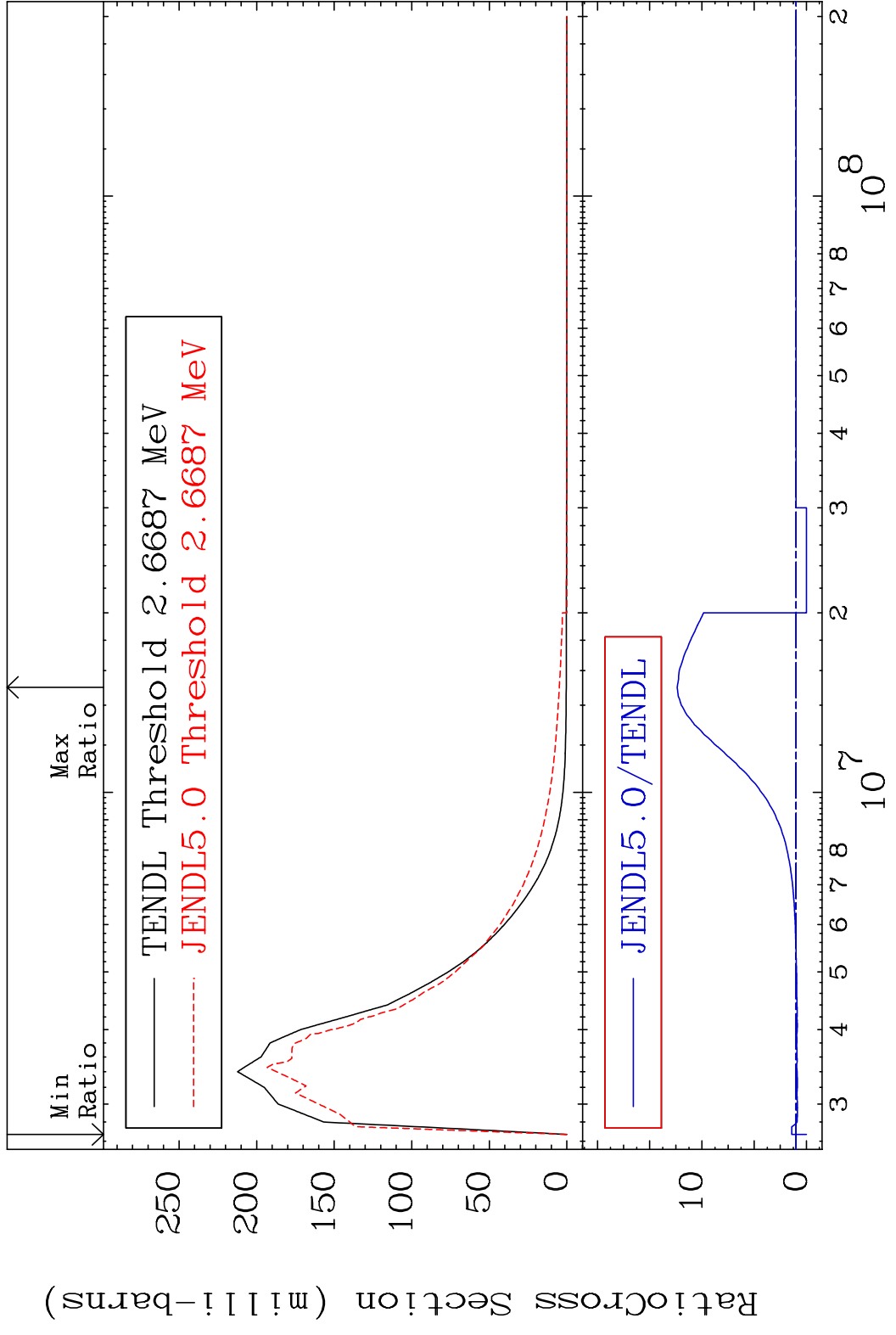


9 24-Cr-54

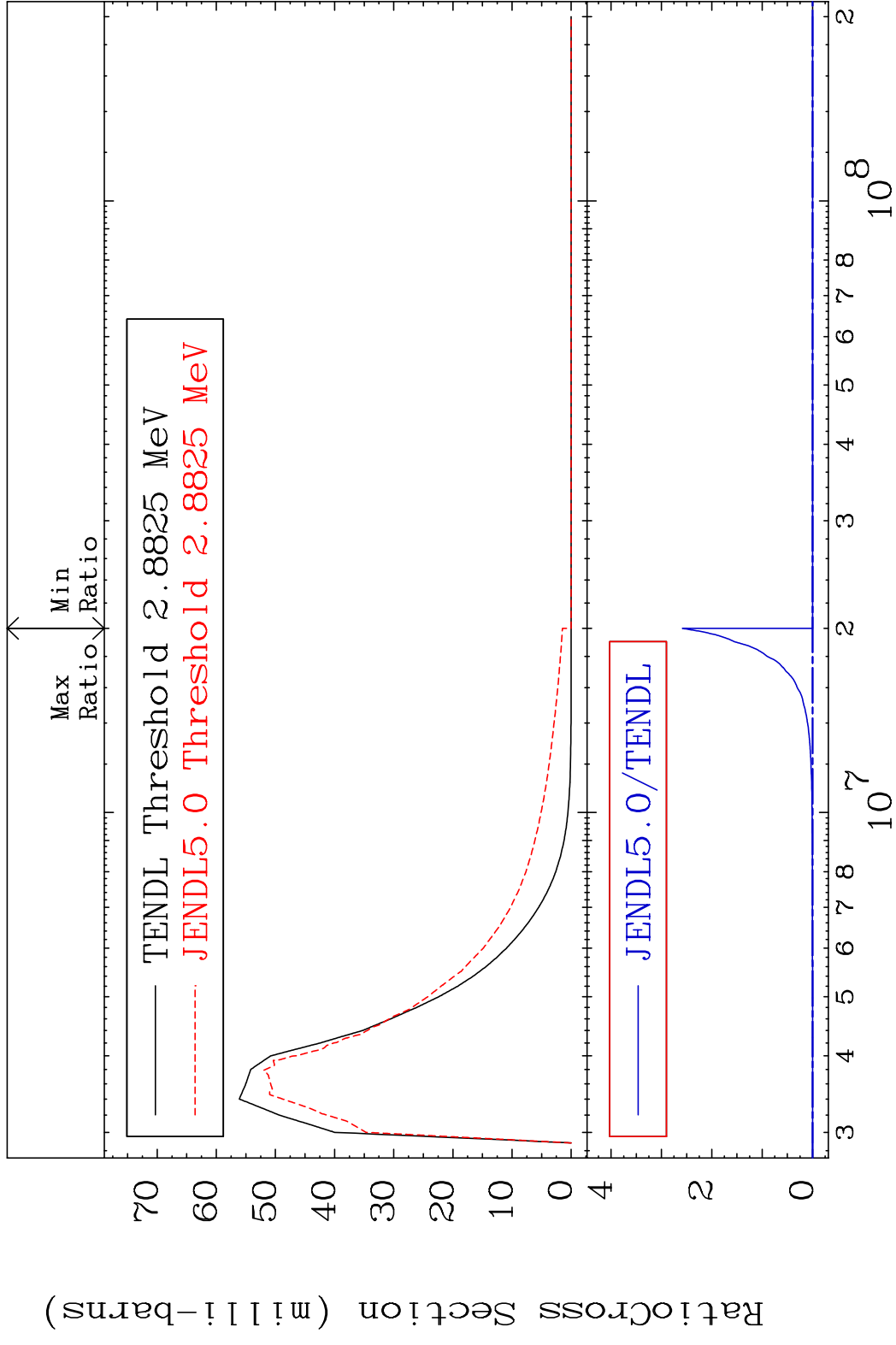
MAT 2437 MT= 52 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 150.0 %



MAT 2437 MT= 53 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 1137. %

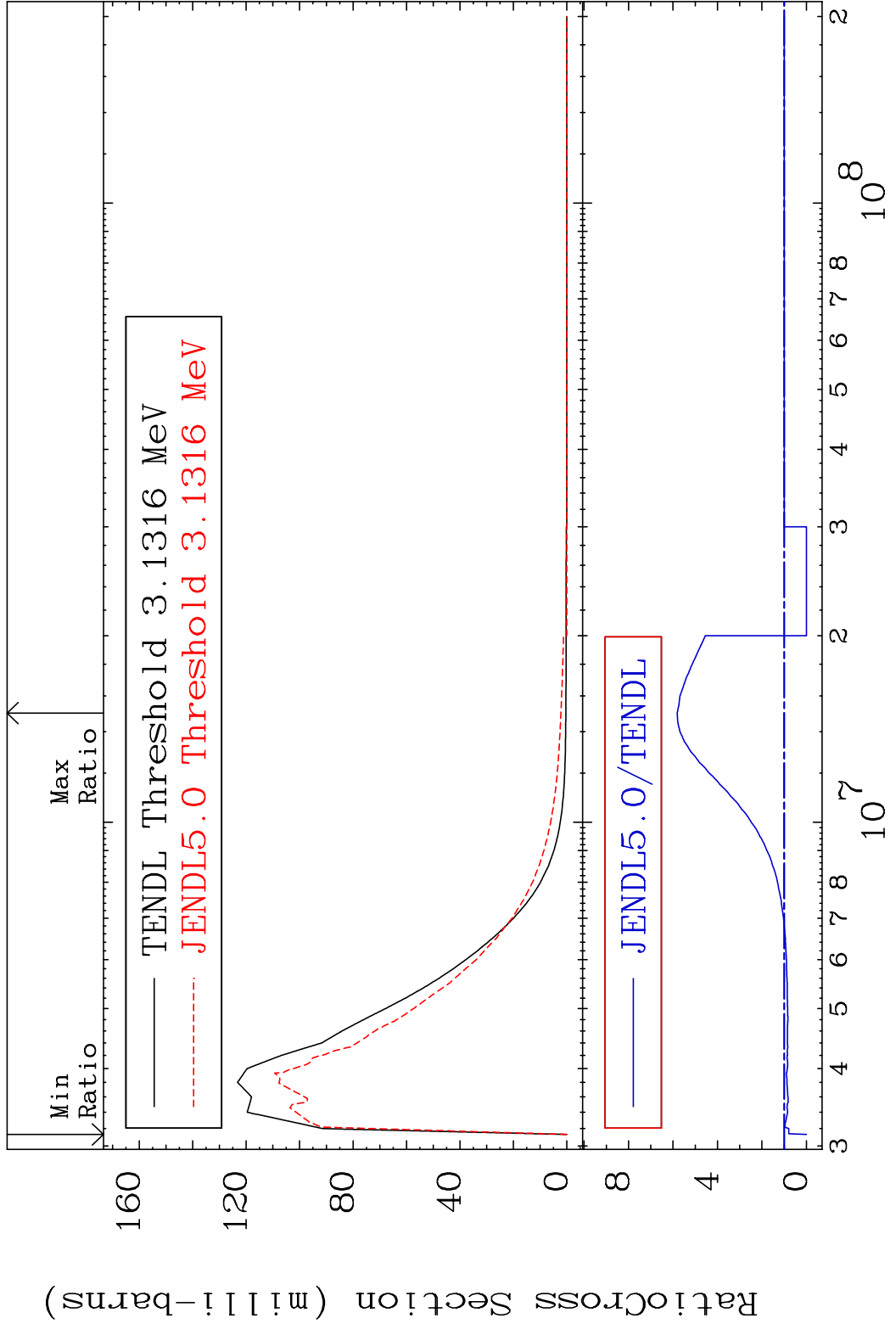


MAT 2437 MT= 54 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 9999. %

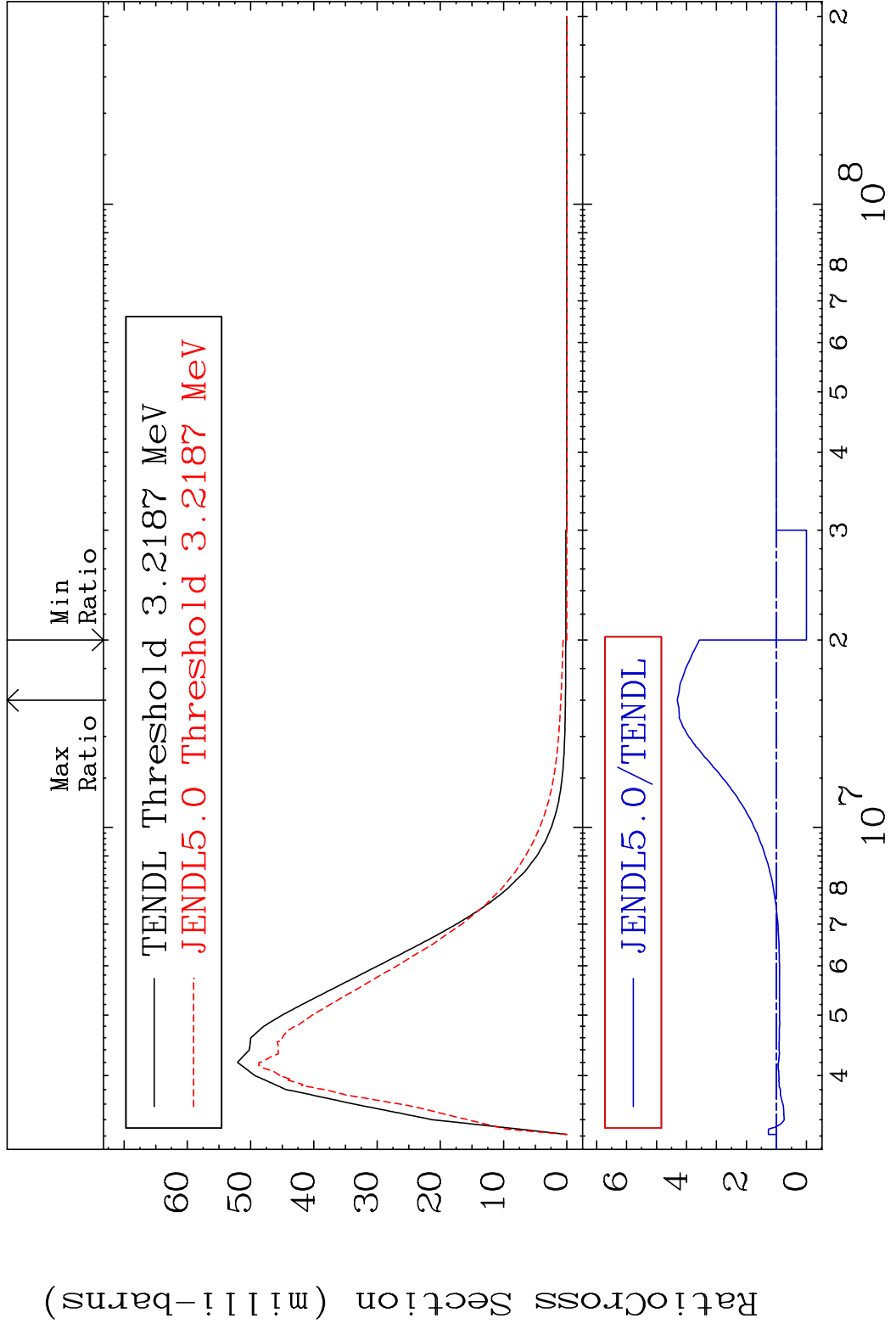


12 24-Cr-54

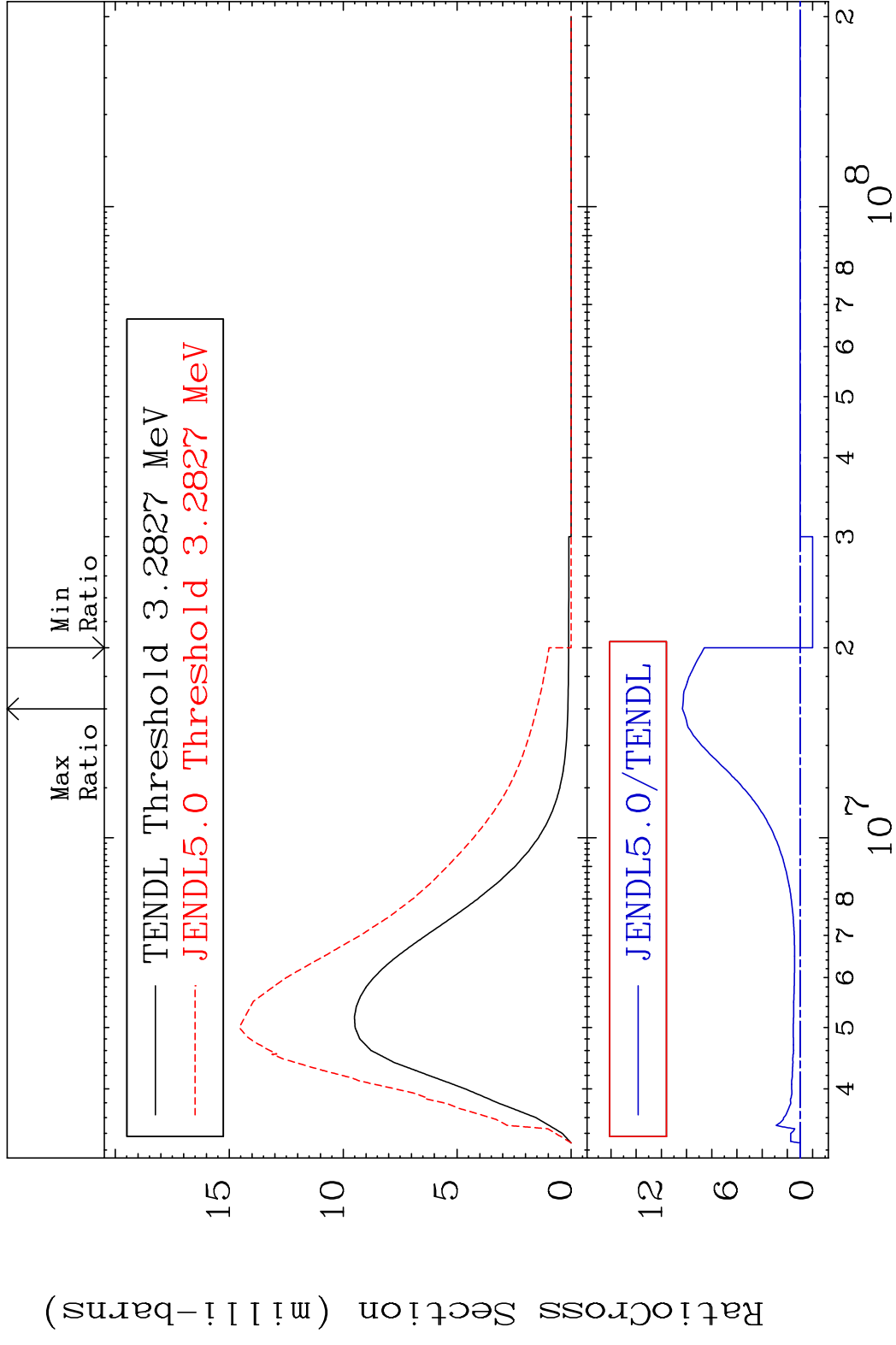
MAT 2437 MT= 55 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 481.2 %



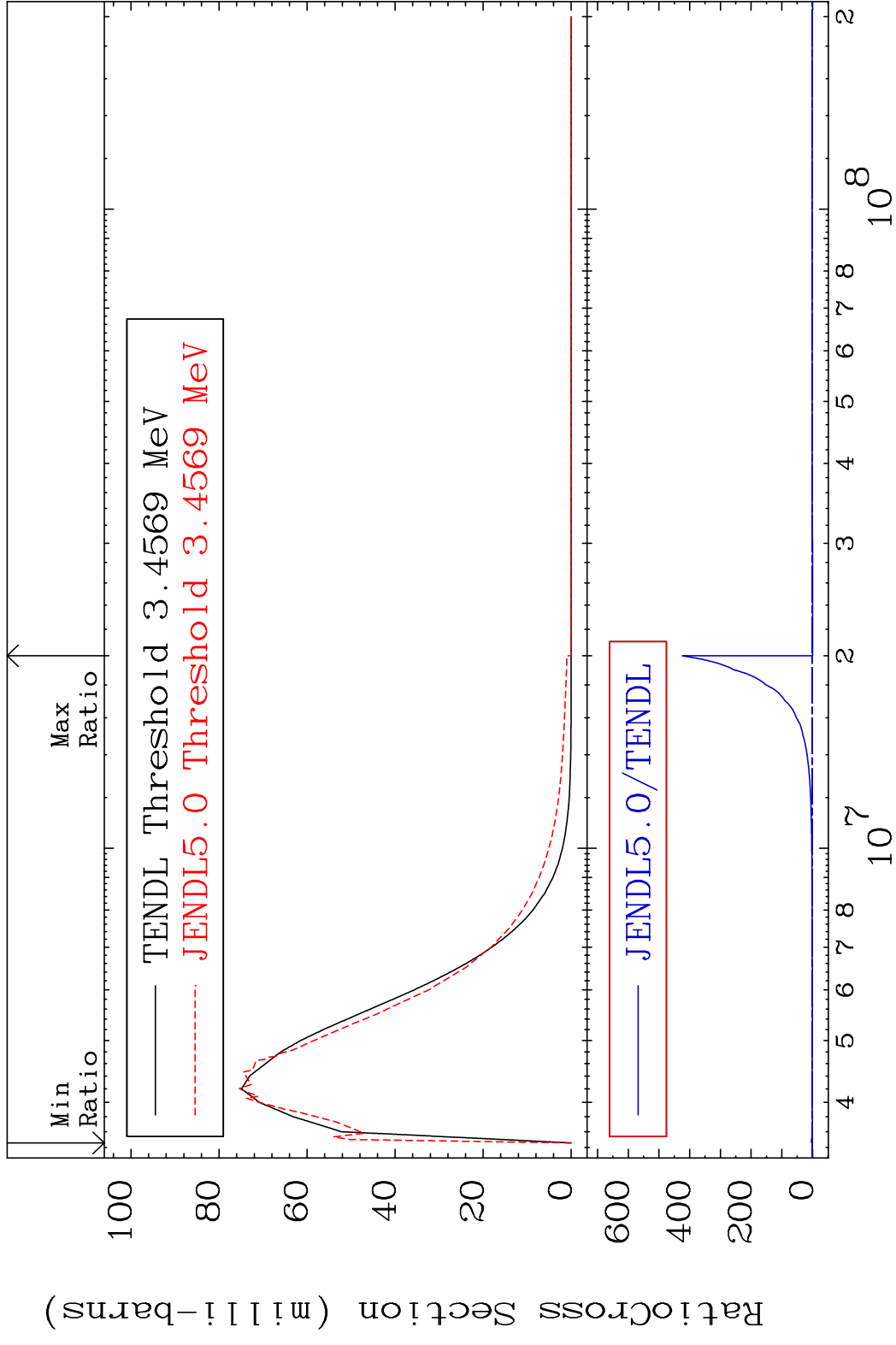
MAT 2437 MT= 56 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 331.1 %



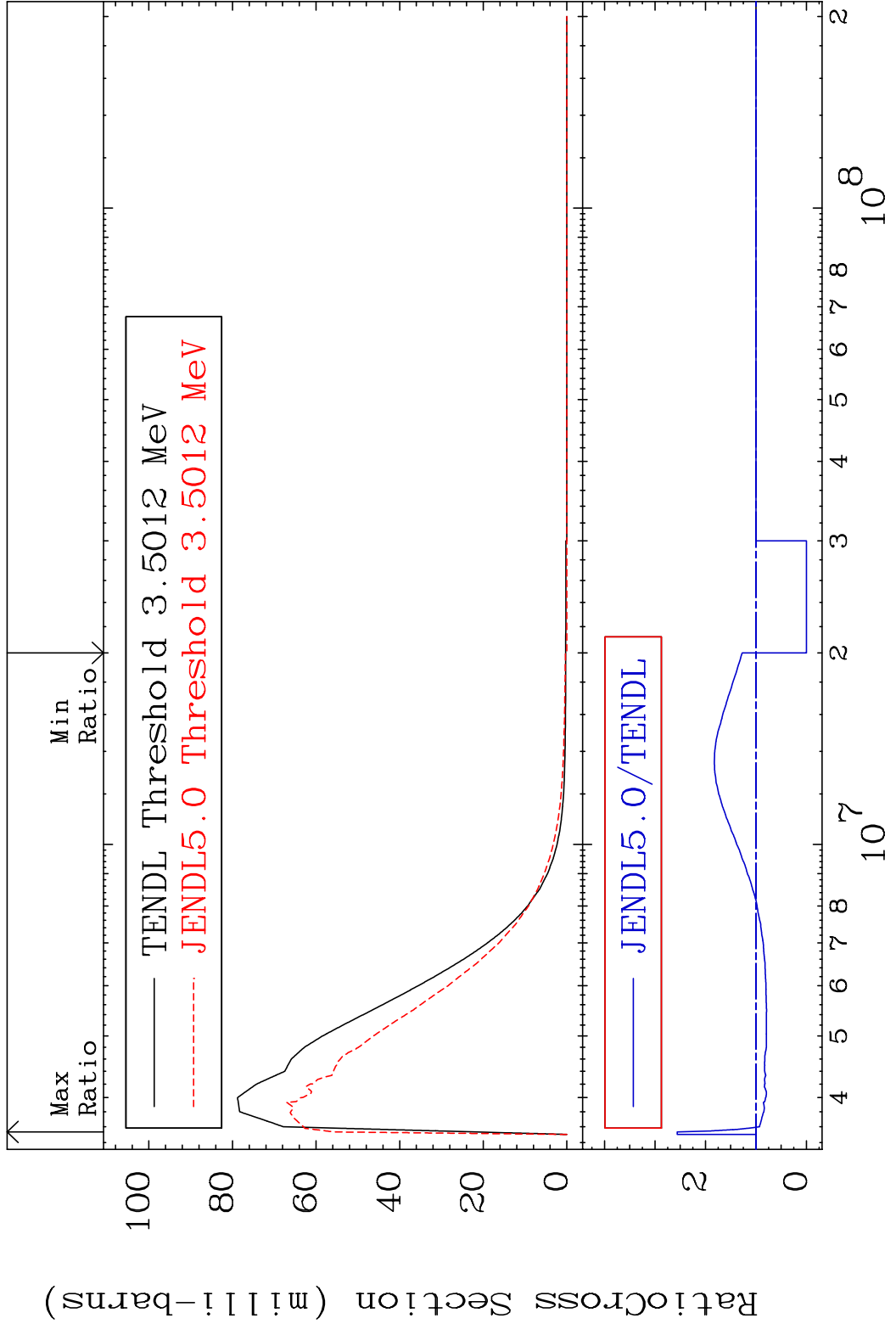
MAT 2437 MT= 57 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 933.2 %



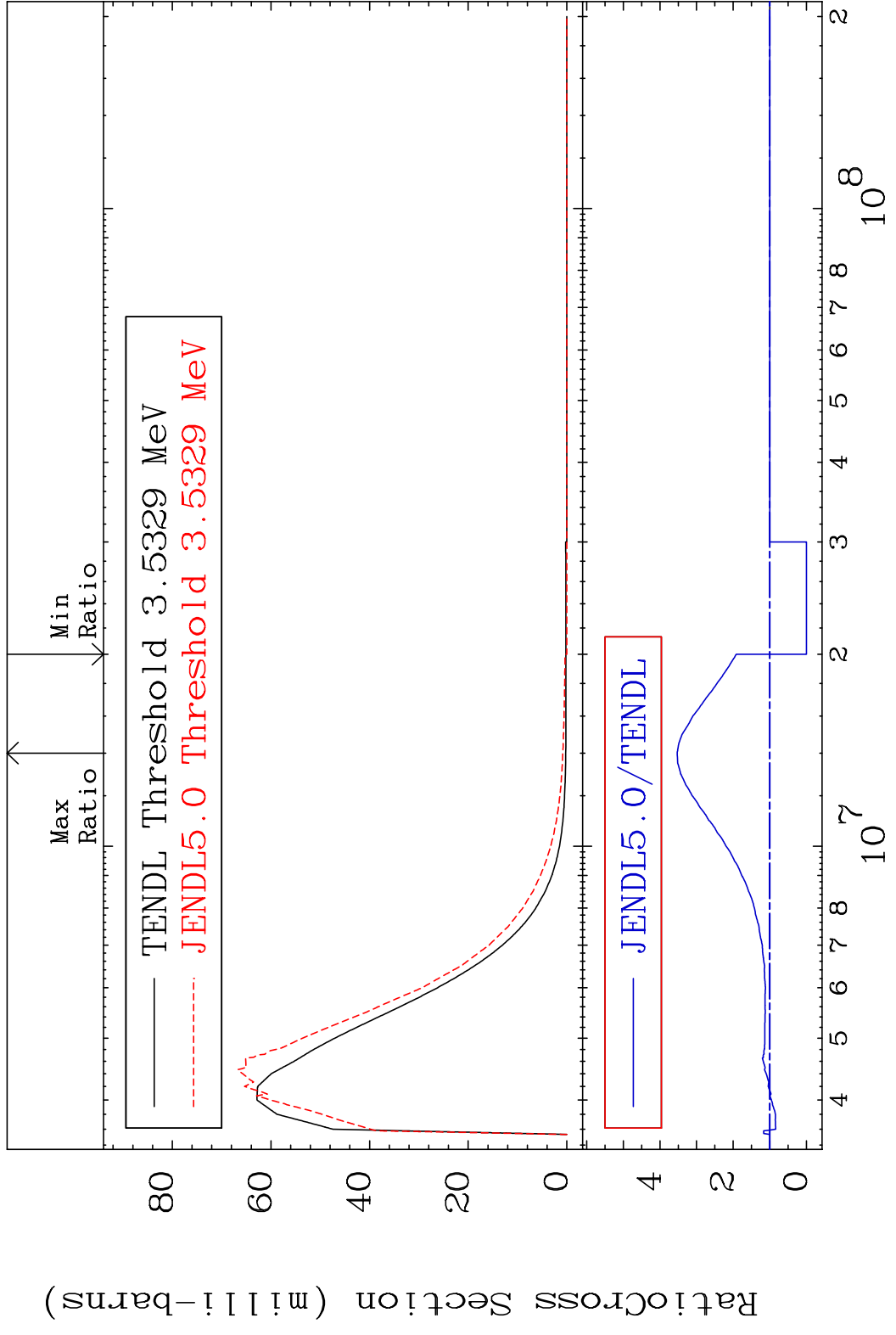
MAT 2437 MT= 58 (n,n') Level 24-Cr-54
 Cross Section -100.0 To 9999. %



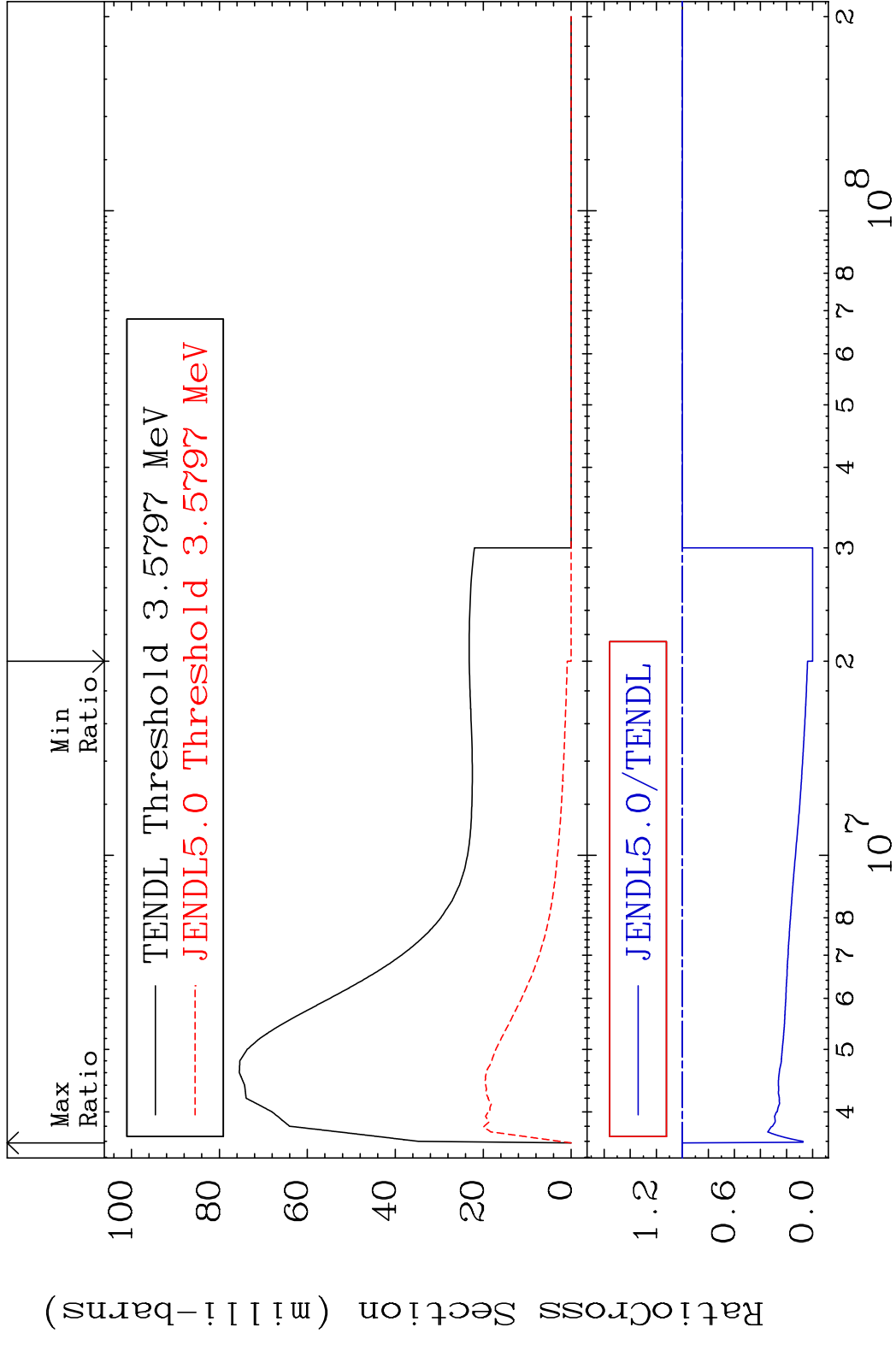
MAT 2437 MT= 59 (n,n') Level 24-Cr-54
 Cross Section -100.0 To 156.1 %



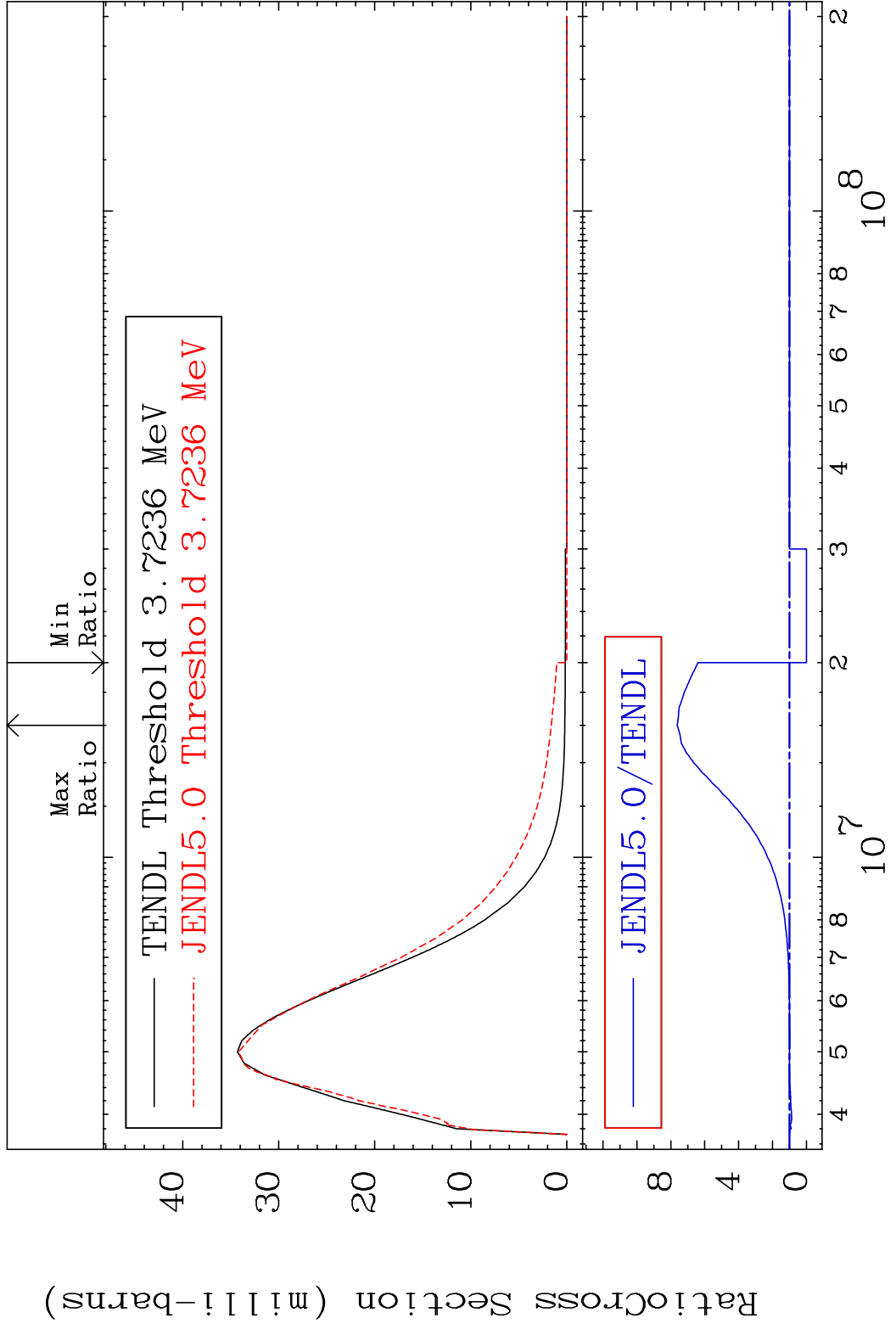
MAT 2437 MT= 60 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 252.9 %



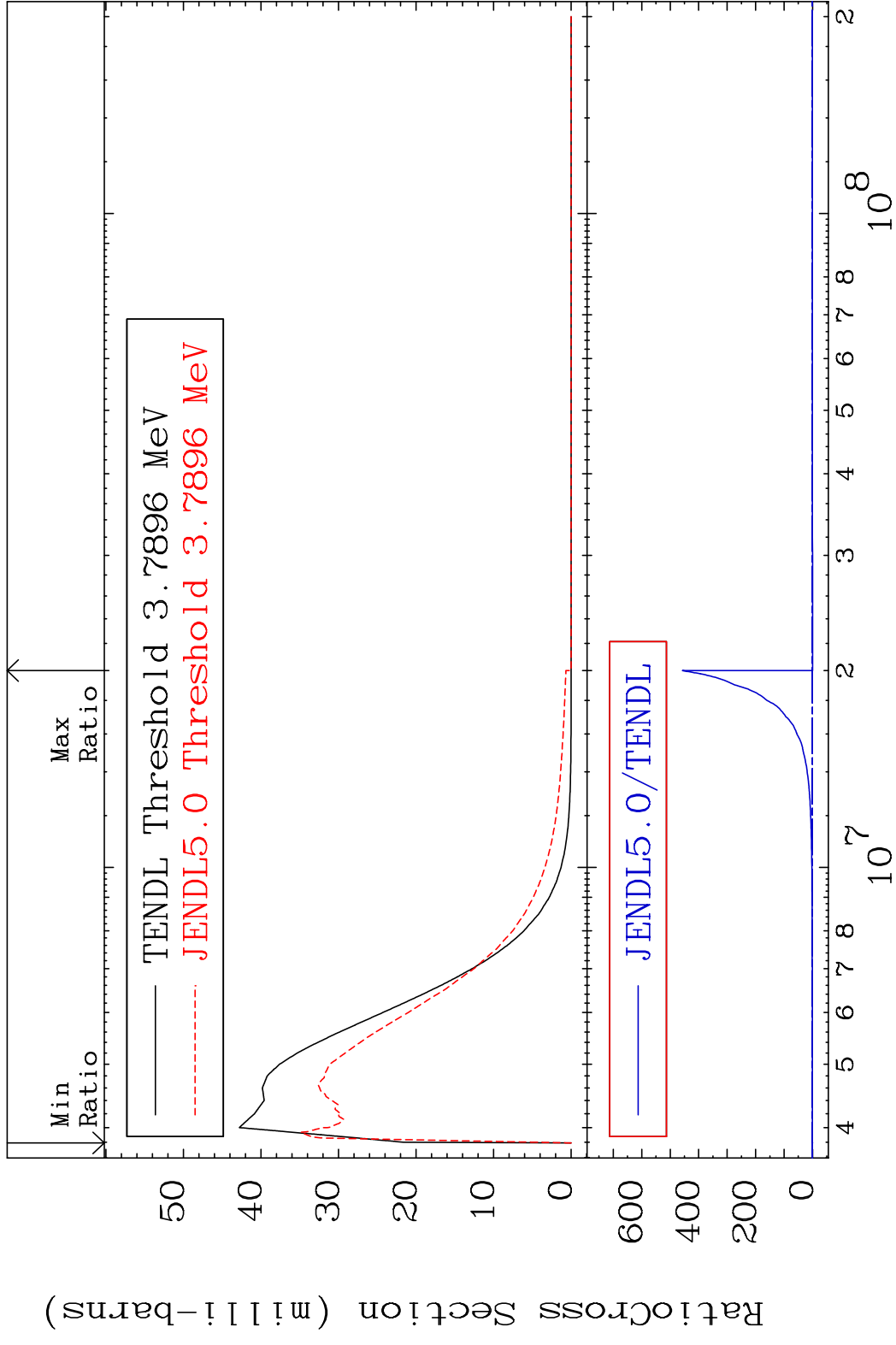
MAT 2437 MT= 61 (n,n') Level 24-Cr-54
 Cross Section -100.0 To 0.000 %



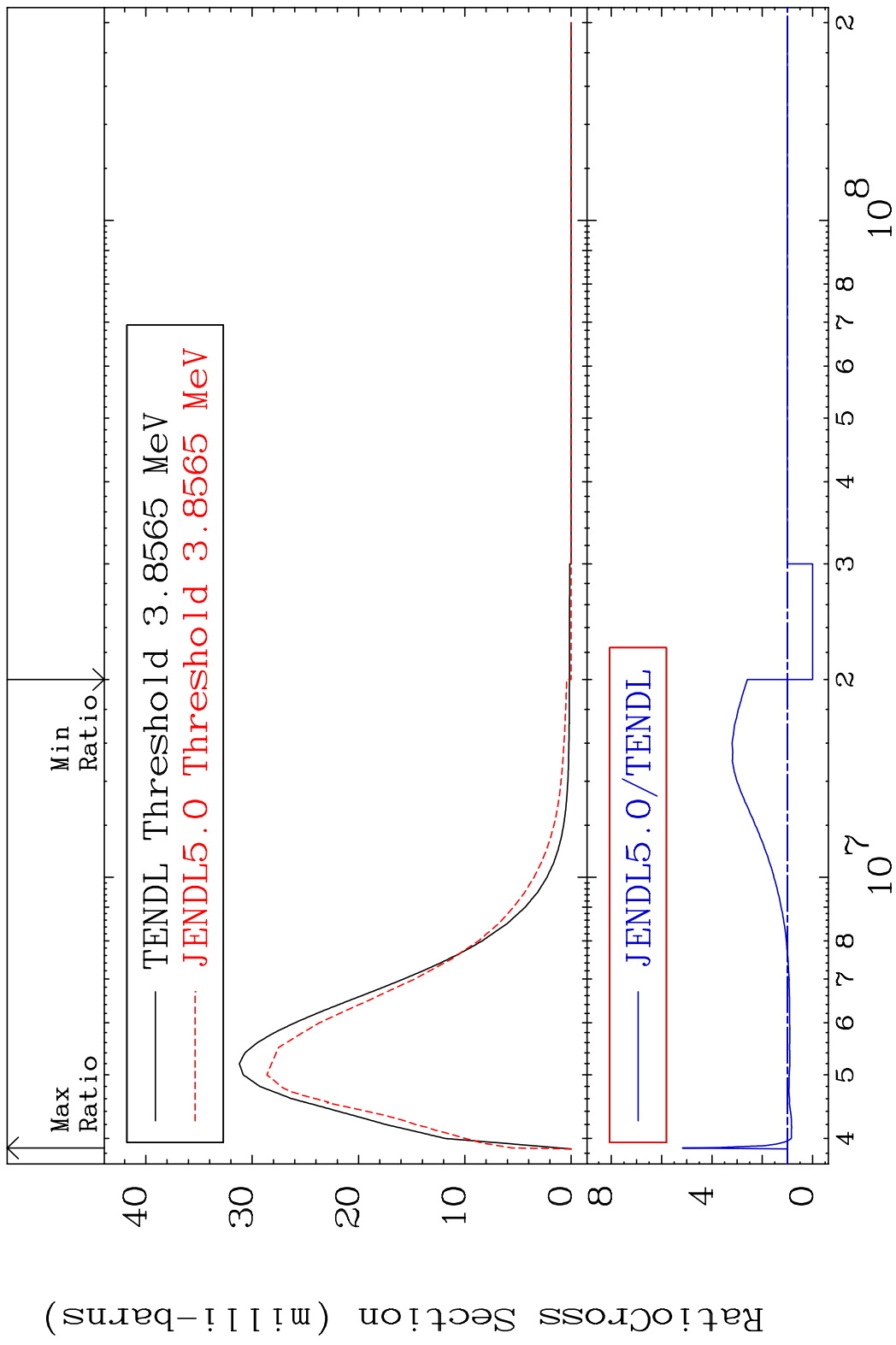
MAT 2437 MT= 62 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 662.5 %



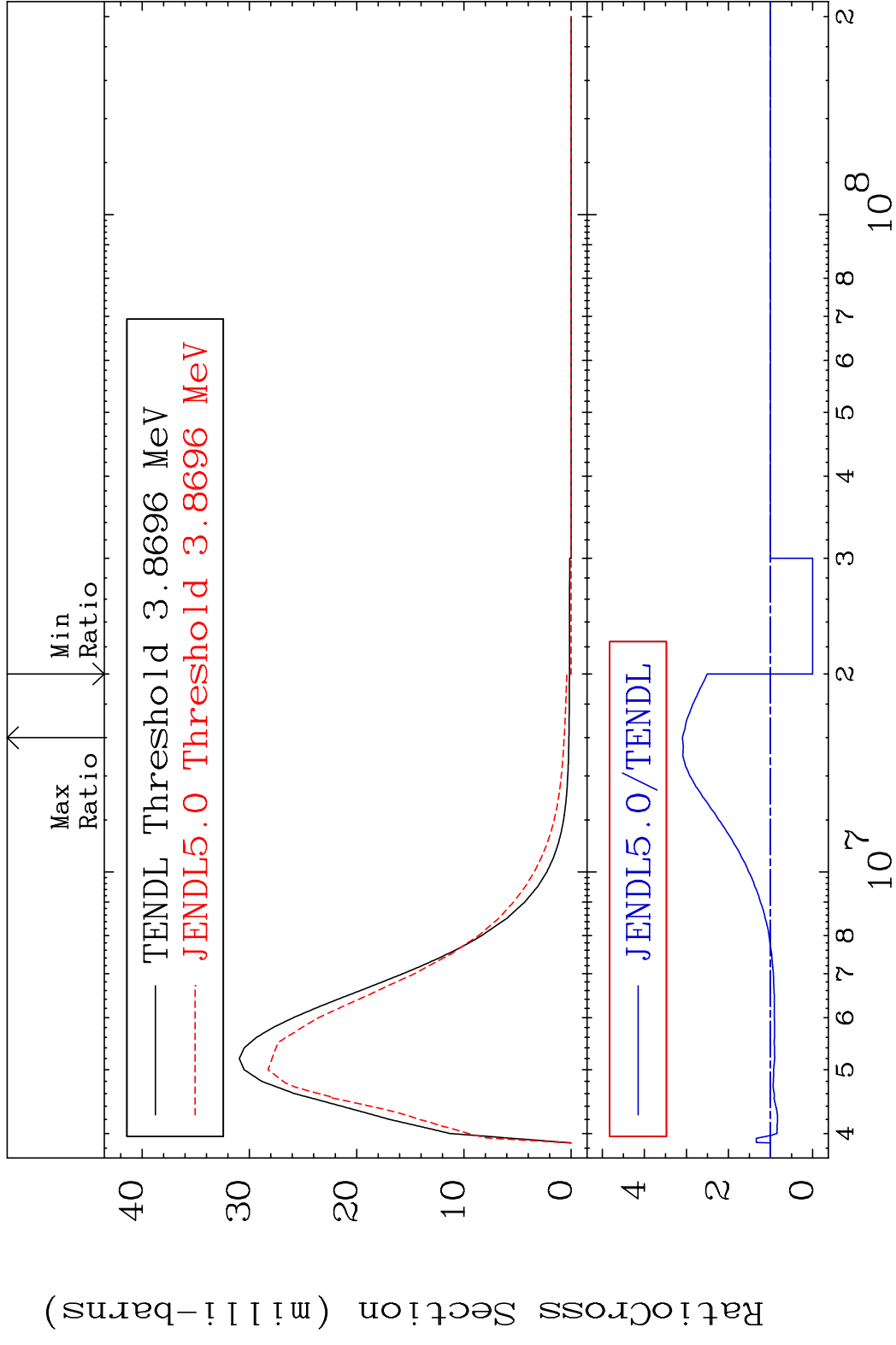
MAT 2437 MT= 63 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 9999. %



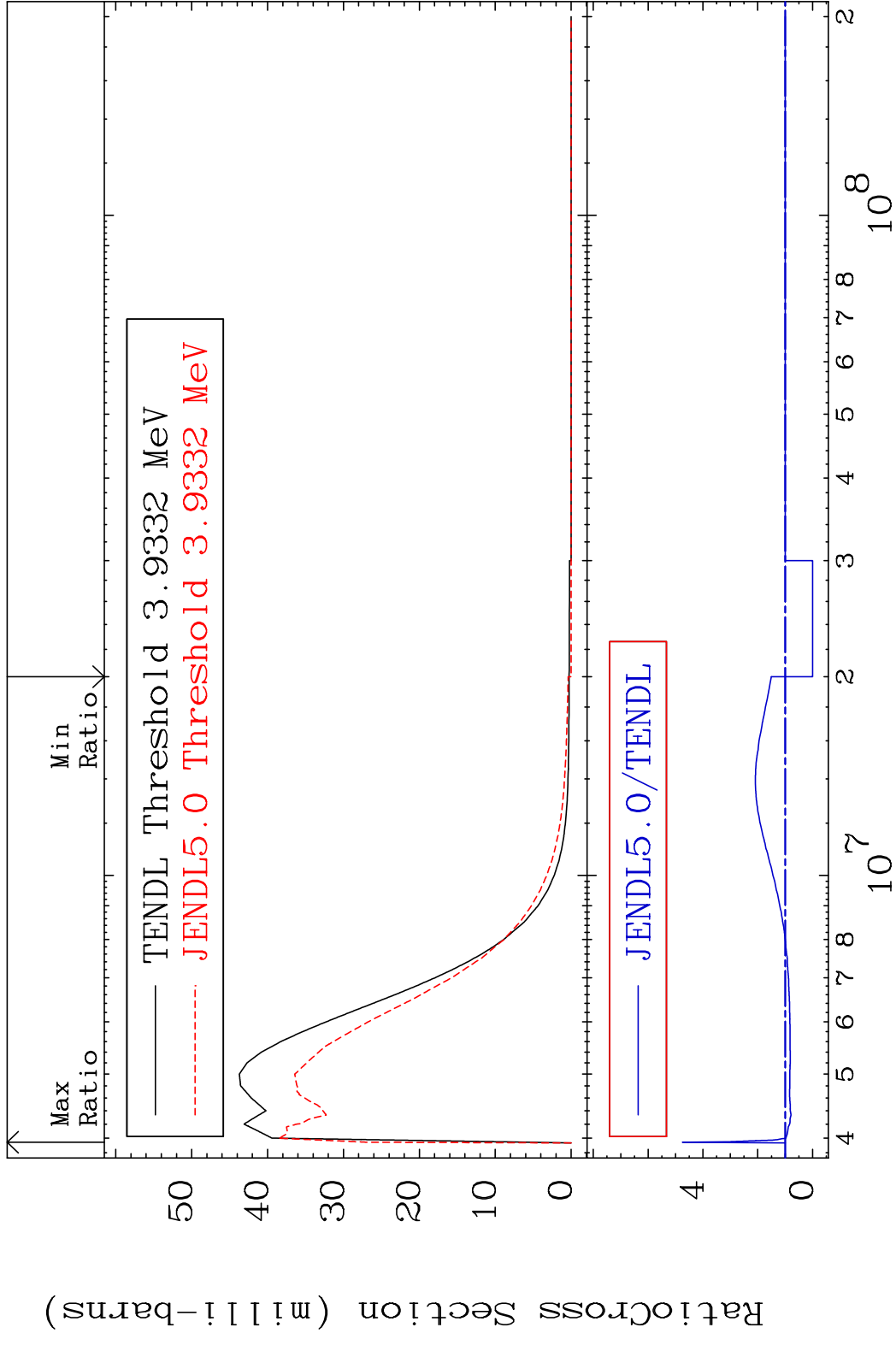
MAT 2437 MT= 64 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 417.7 %



MAT 2437 MT= 65 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 209.7 %

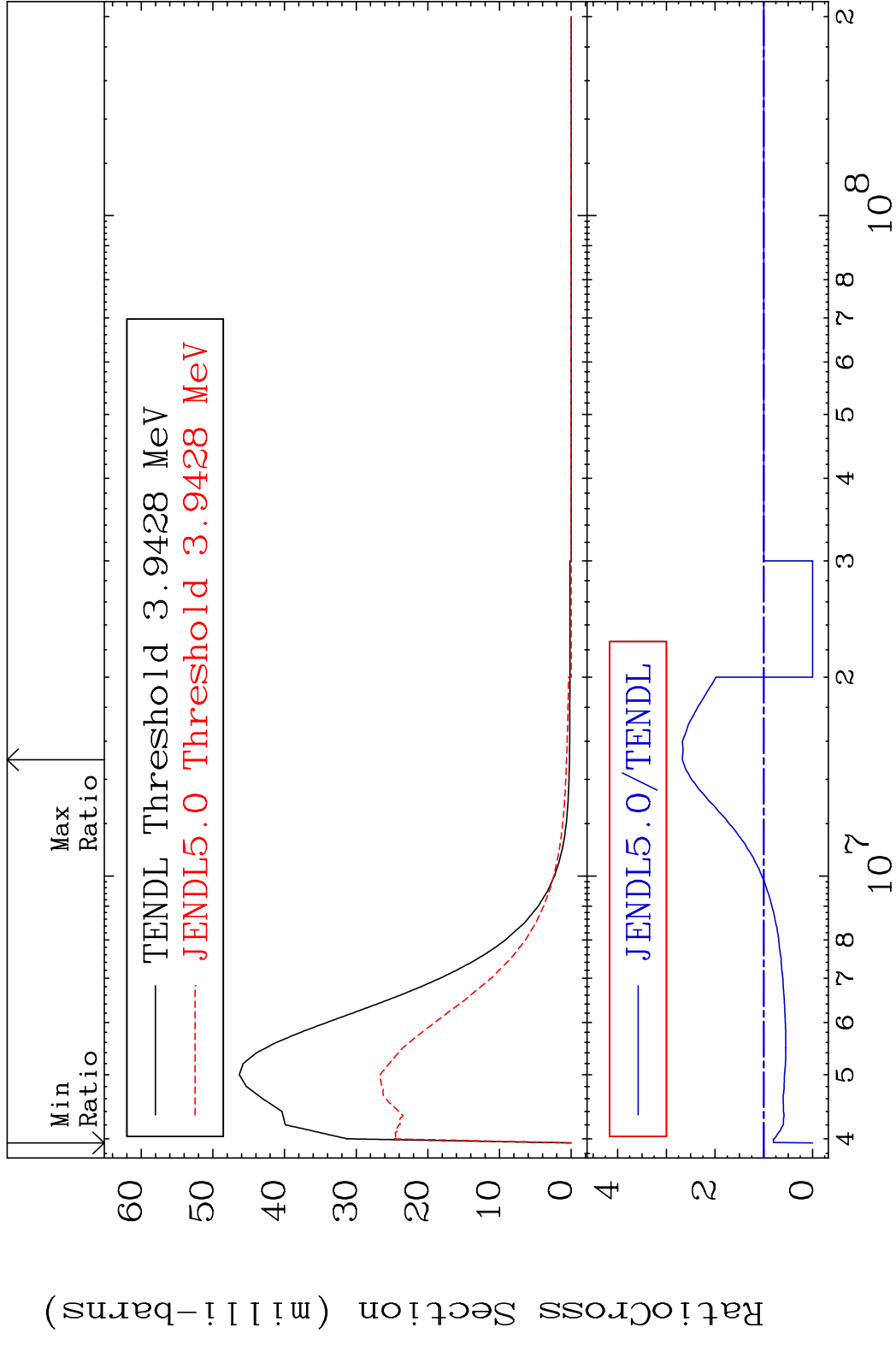


MAT 2437 MT= 66 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 375.1 %

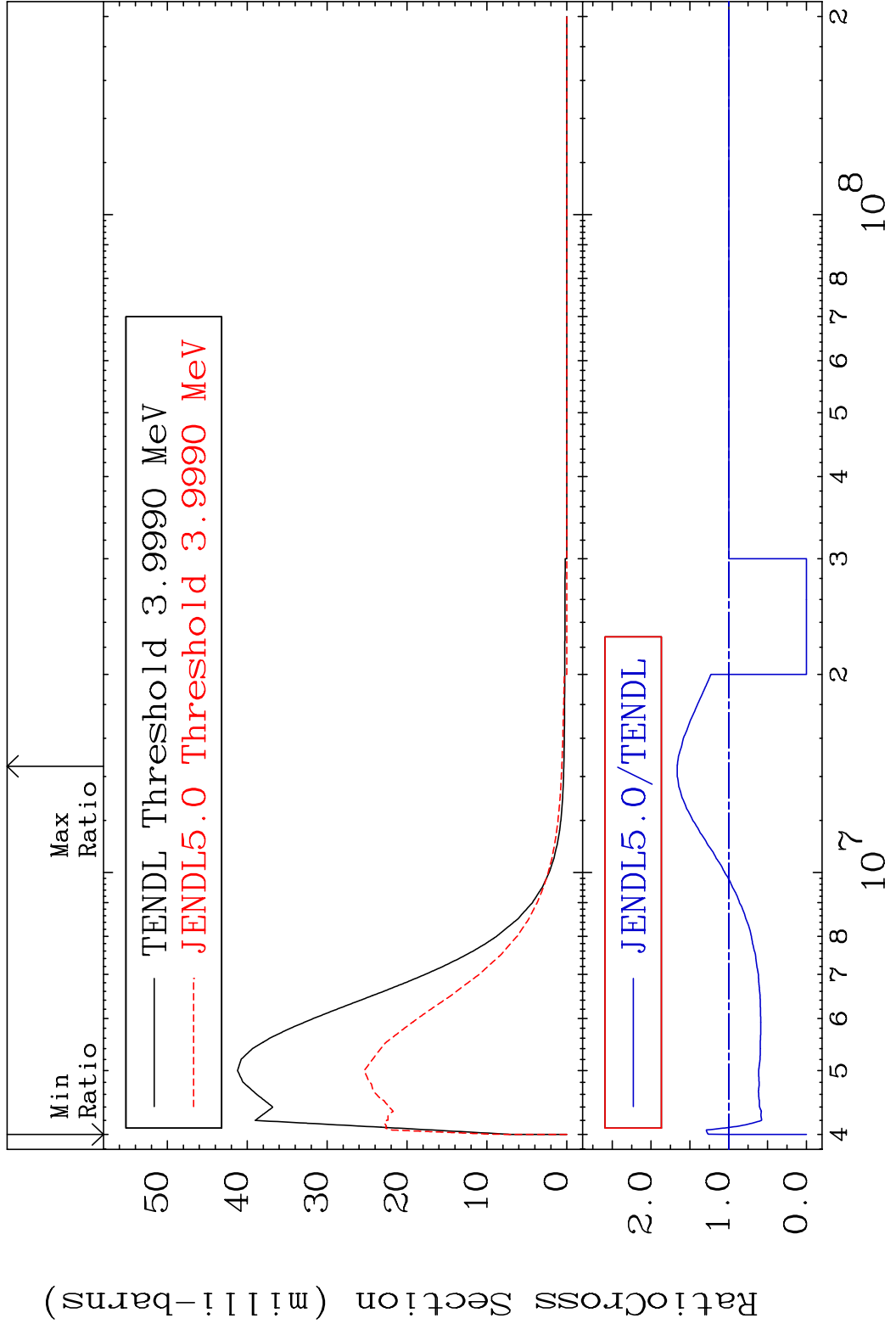


24 24-Cr-54

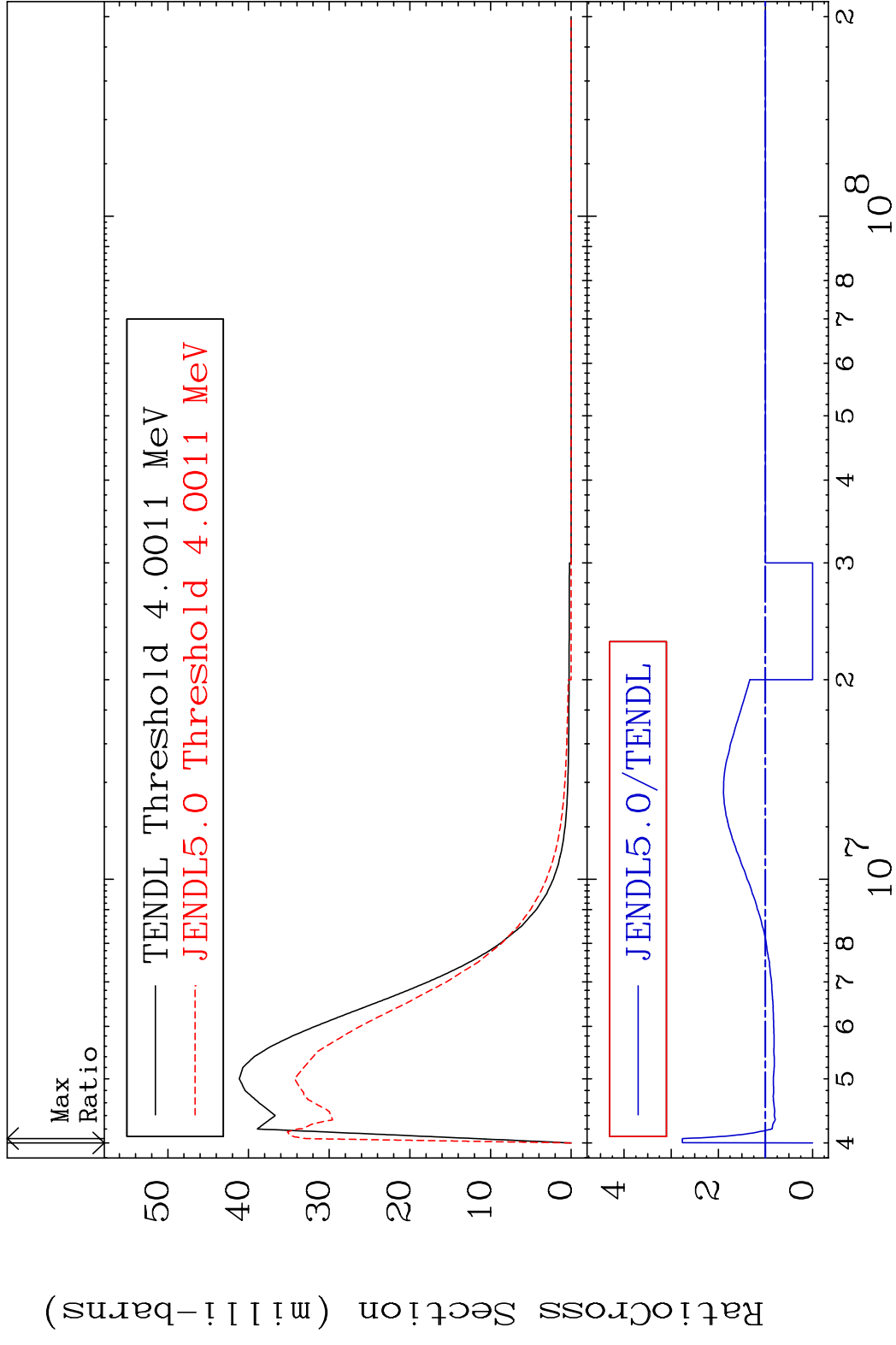
MAT 2437 MT= 67 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 167.1 %



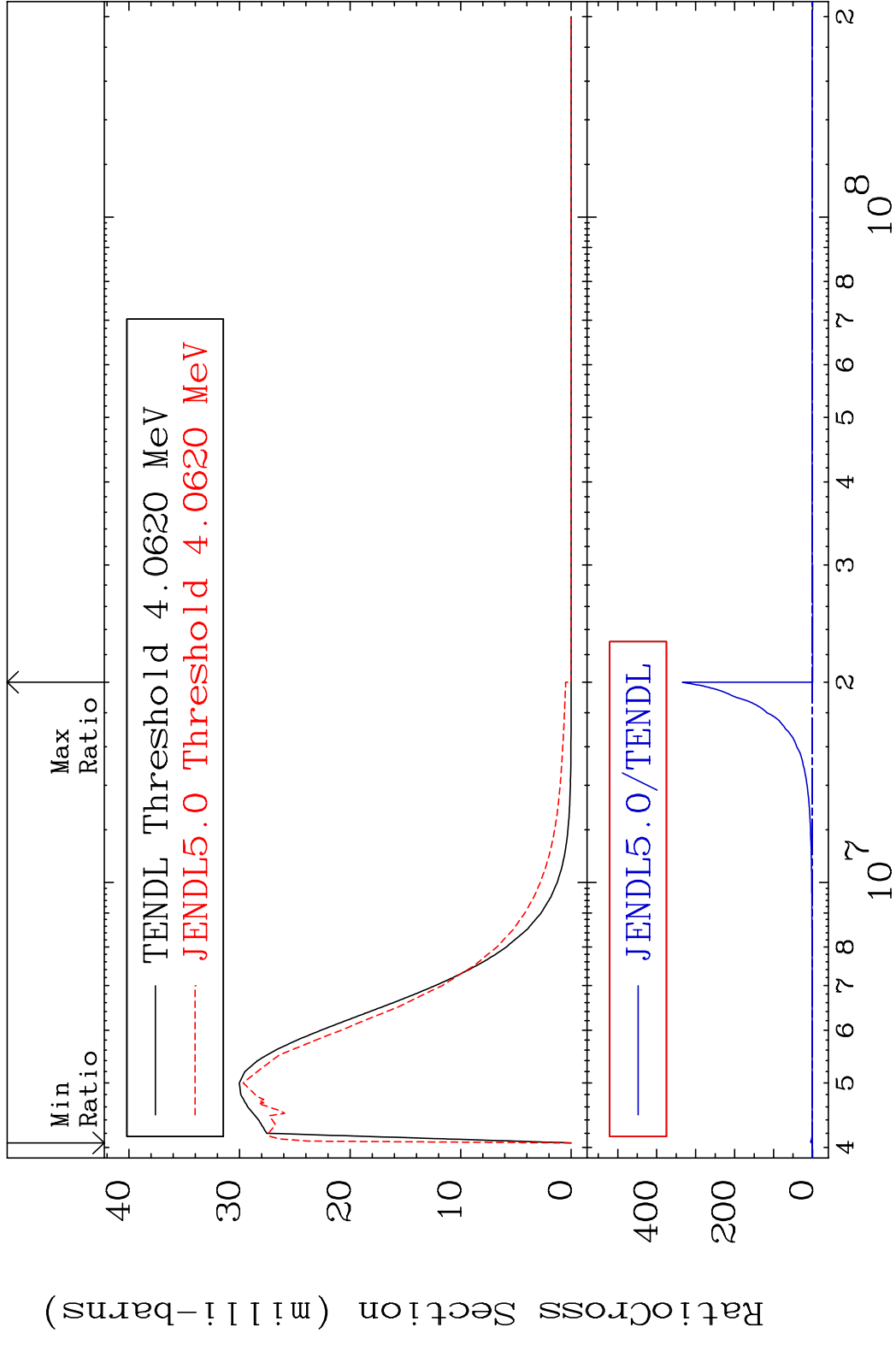
MAT 2437 MT= 68 (n,n') Level 24-Cr-54
 Cross Section -100.0 To 66.36 %



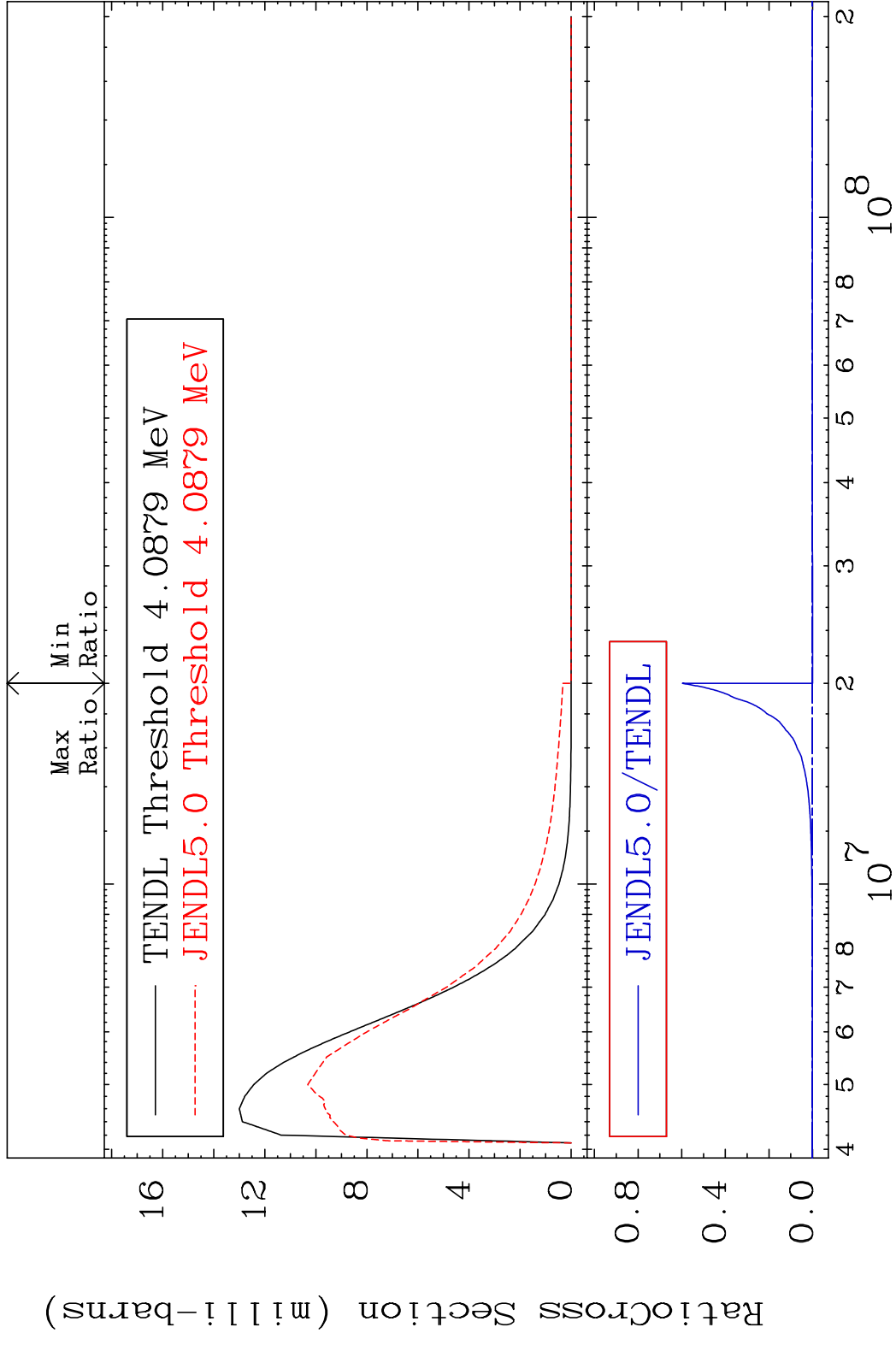
MAT 2437 MT= 69 (n,n') Level 24-Cr-54
 Cross Section -100.0 To 176.3 %



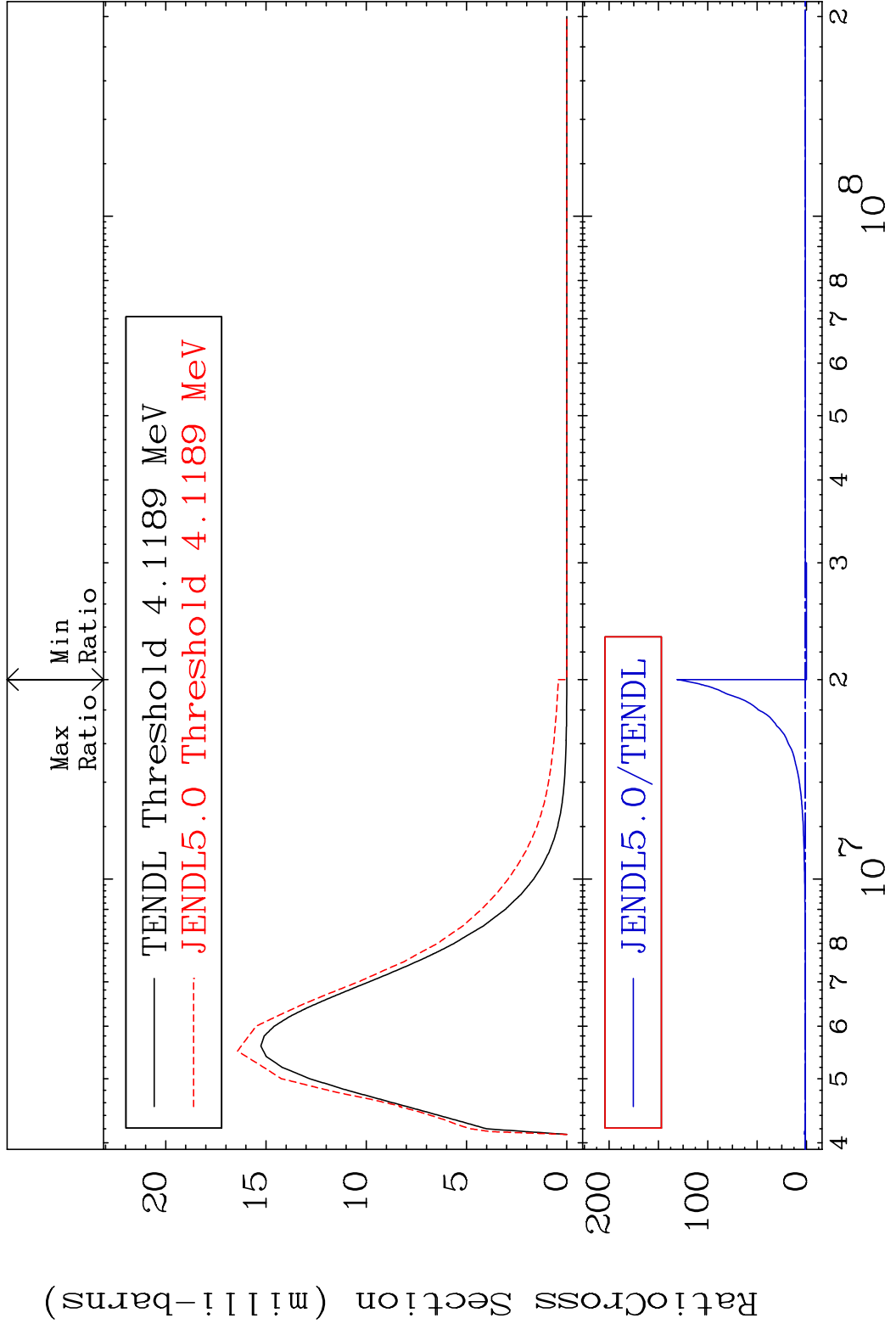
MAT 2437 MT= 70 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 9999. %



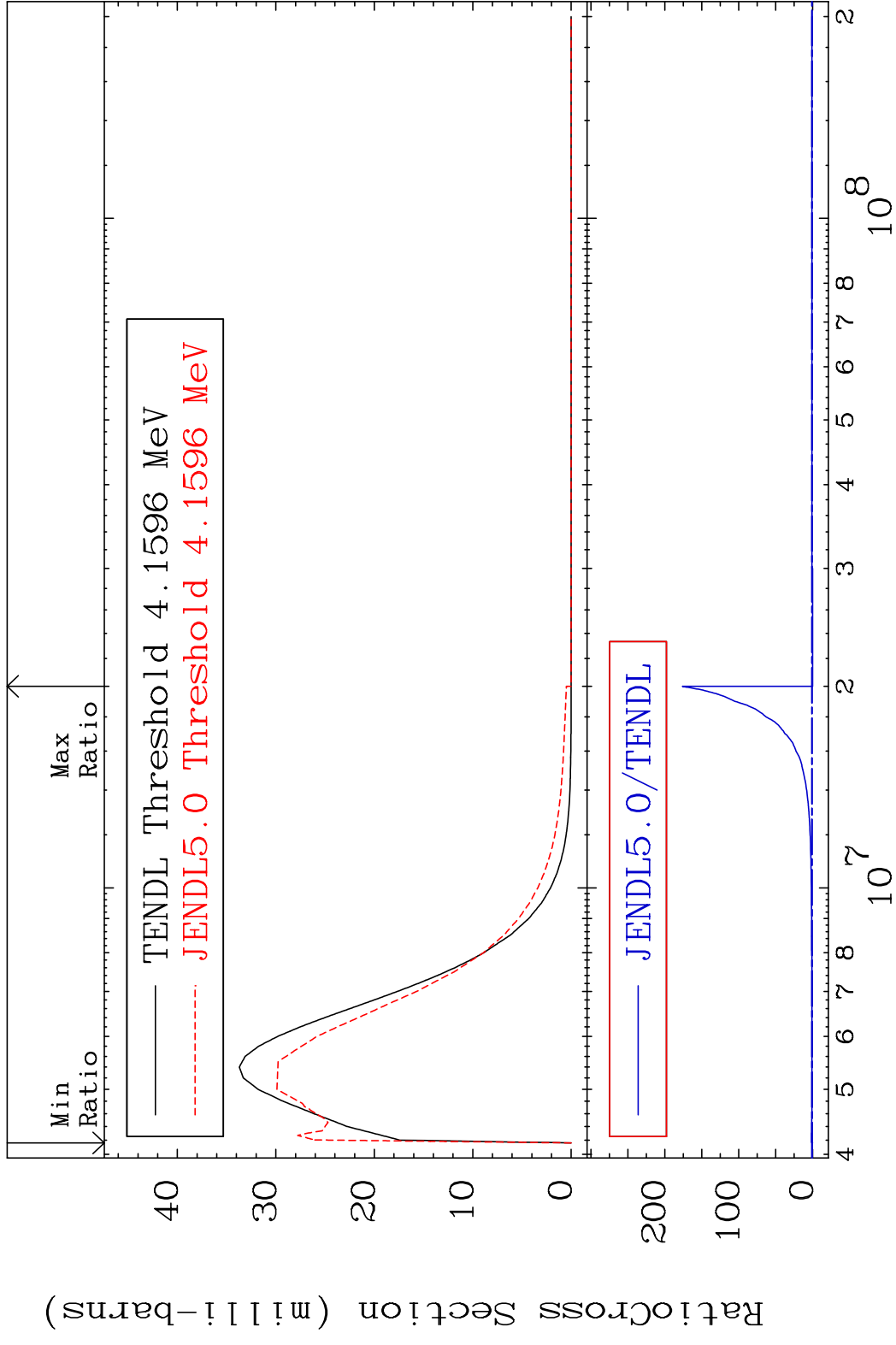
MAT 2437 MT= 71 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 9999. %



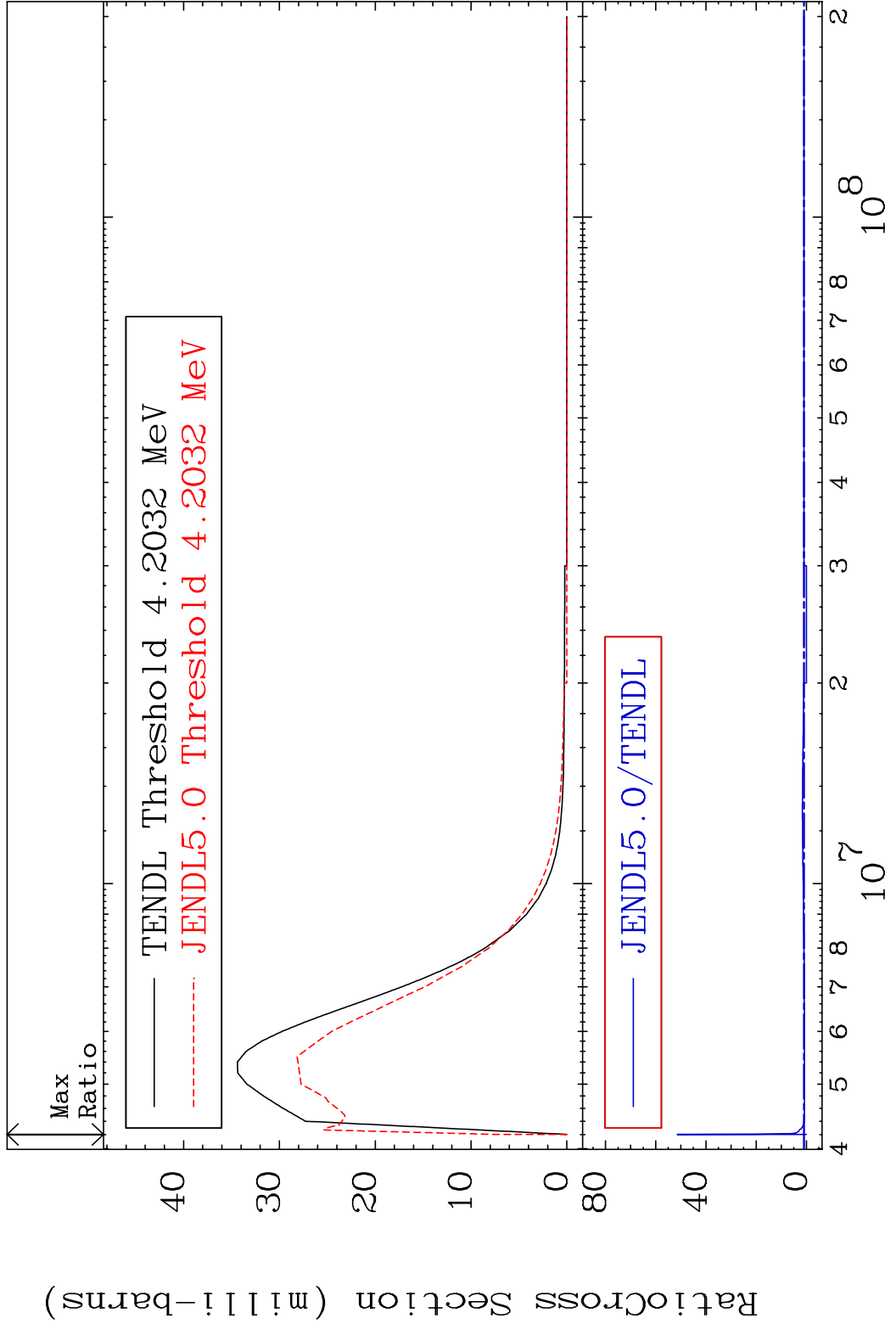
MAT 2437 MT= 72 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 9999. %



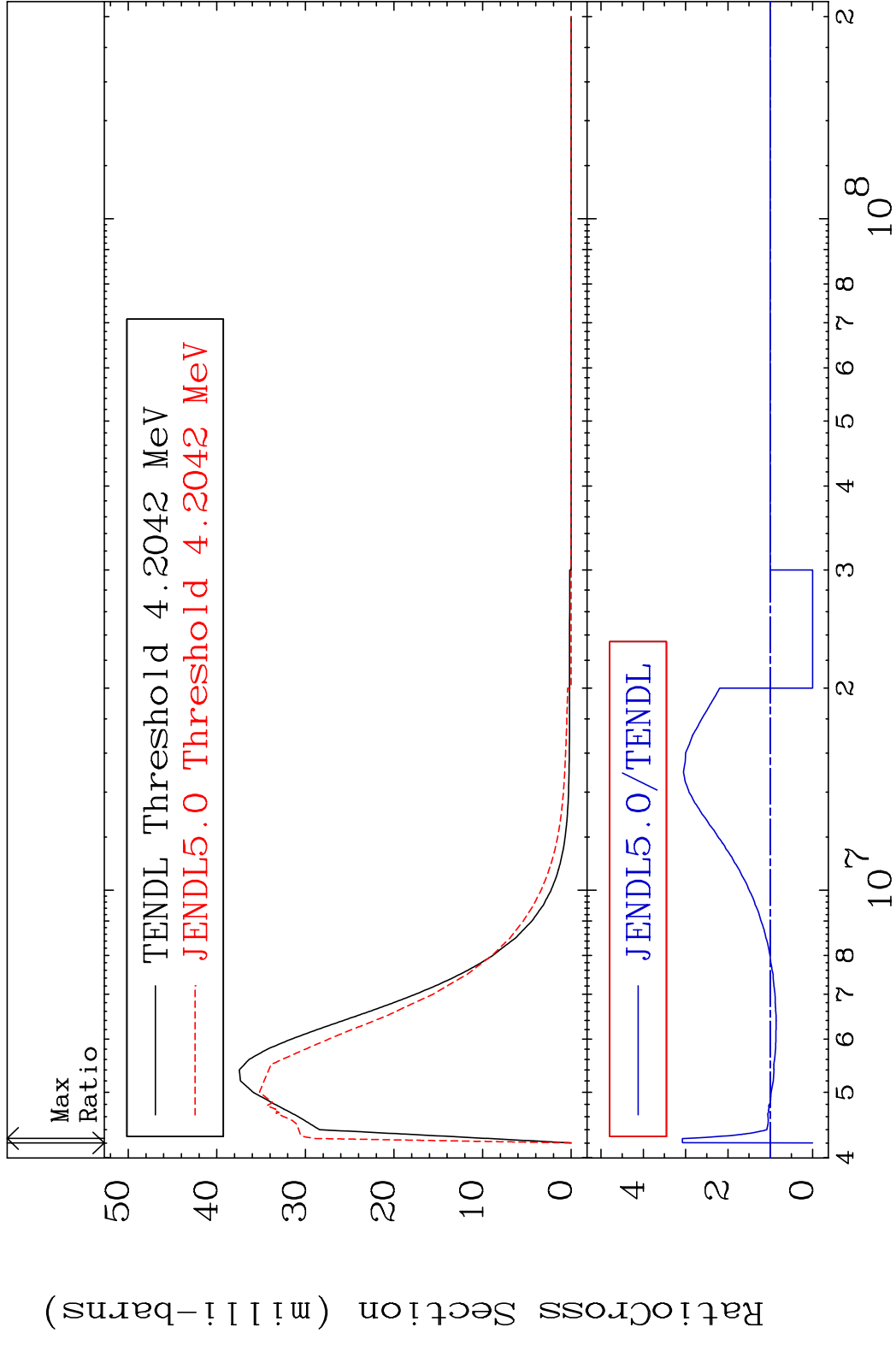
MAT 2437 MT= 73 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 9999. %



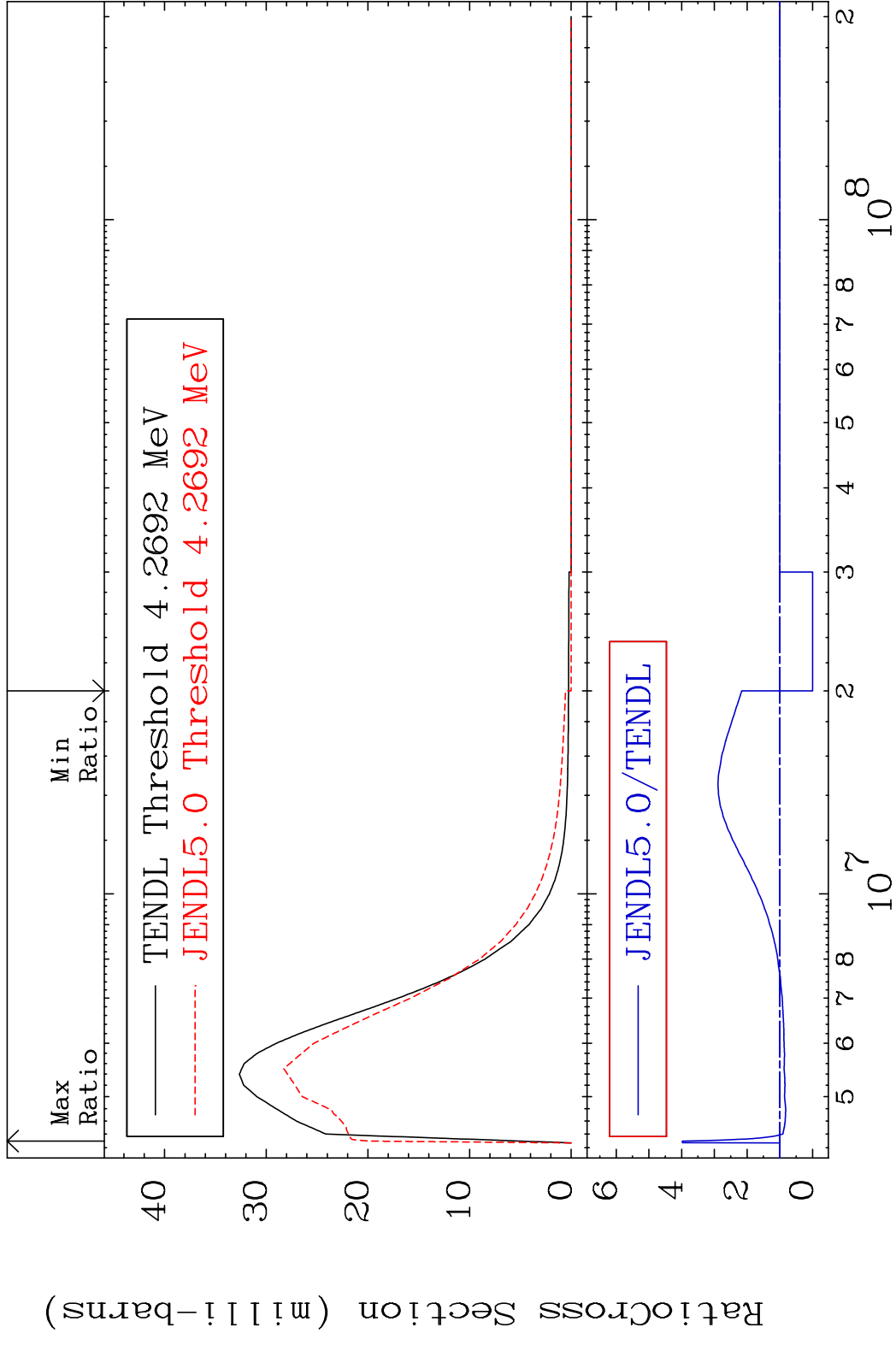
MAT 2437 MT= 74 (n,n') Level 24-Cr-54
 Cross Section -100.0 To 5045. %



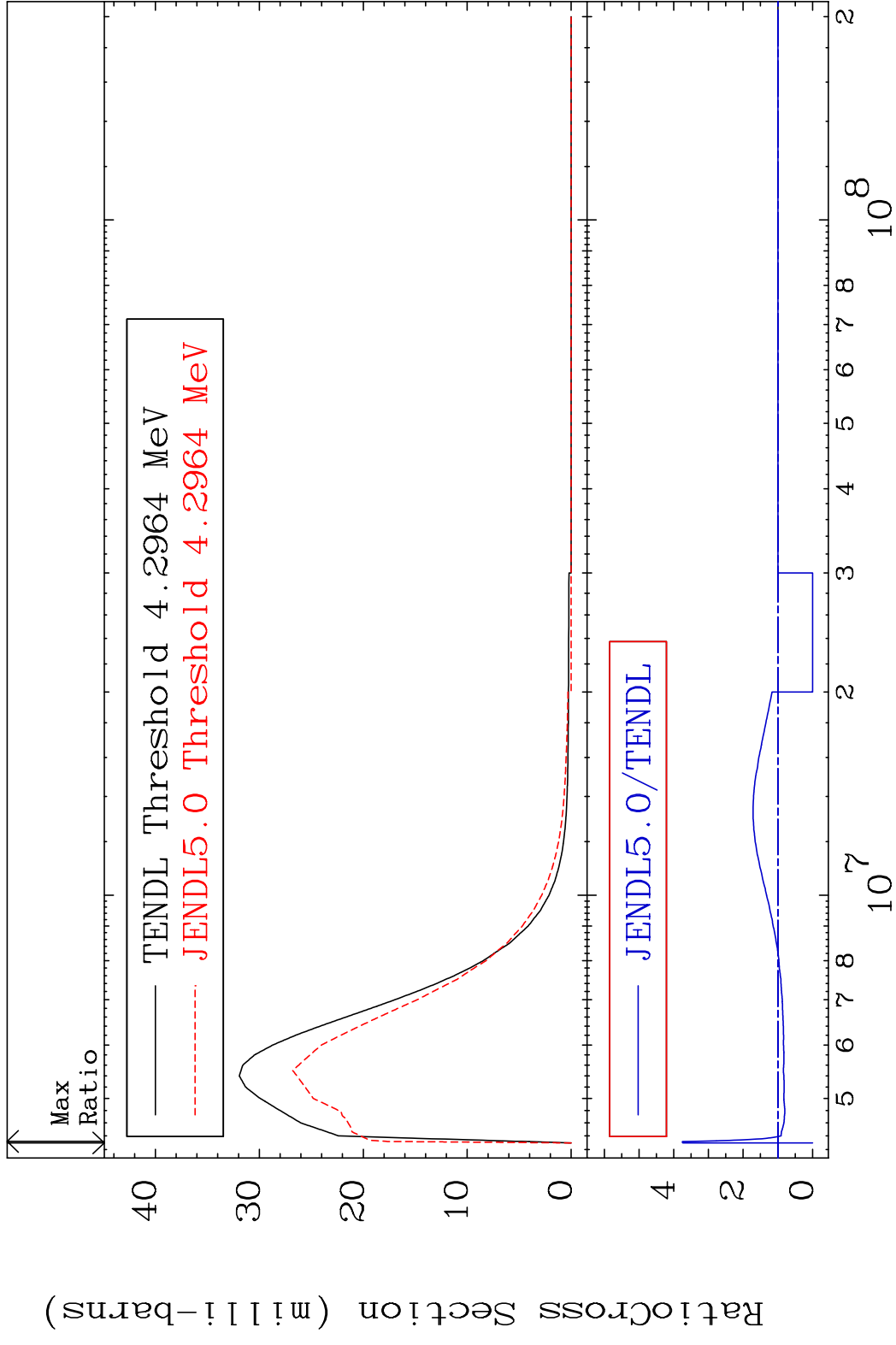
MAT 2437 MT= 75 (n,n') Level 24-Cr-54
 Cross Section -100.0 To 207.7 %



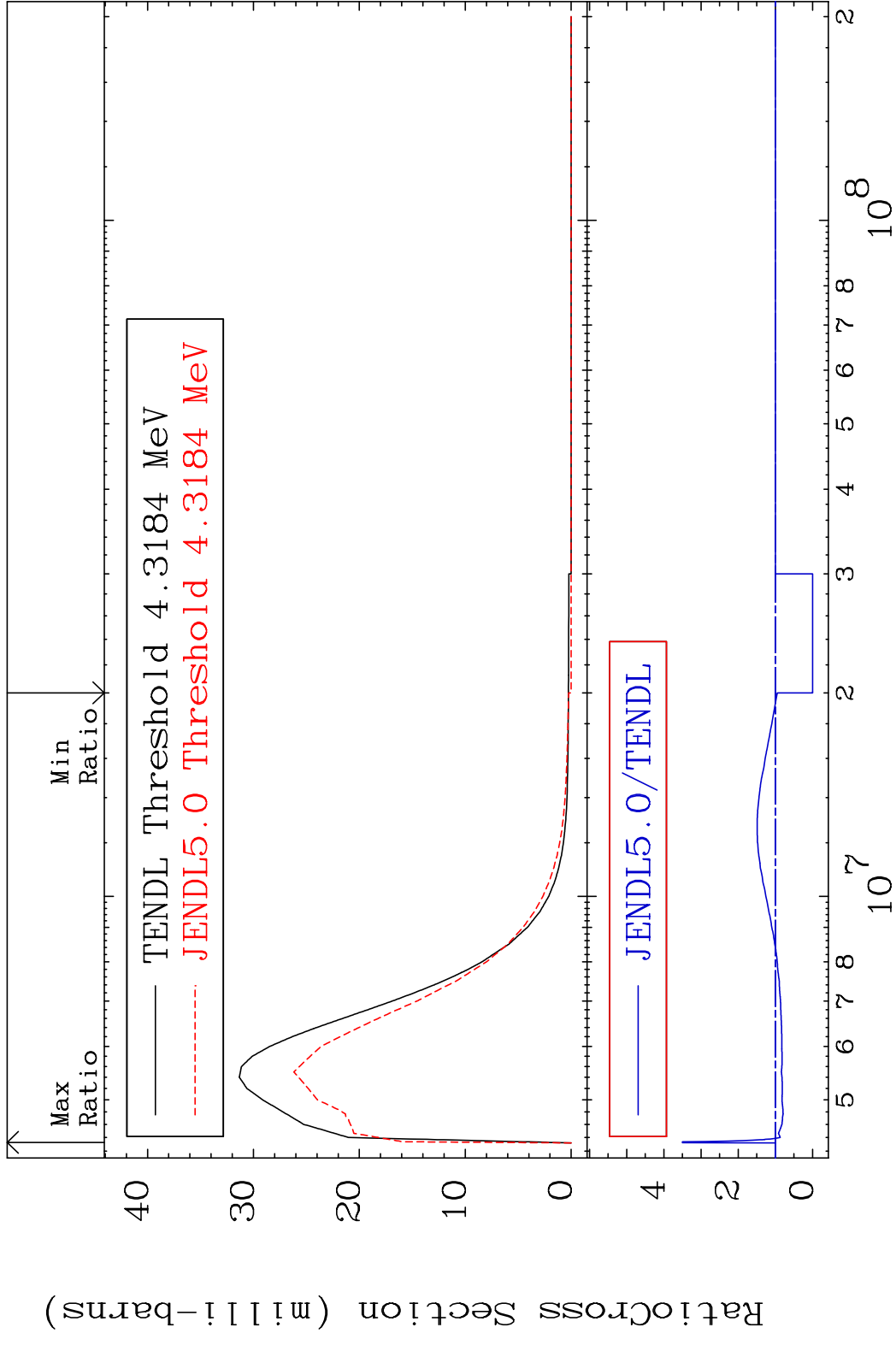
MAT 2437 MT= 76 (n,n') Level 24-Cr-54
 Cross Section -100.0 To 297.8 %



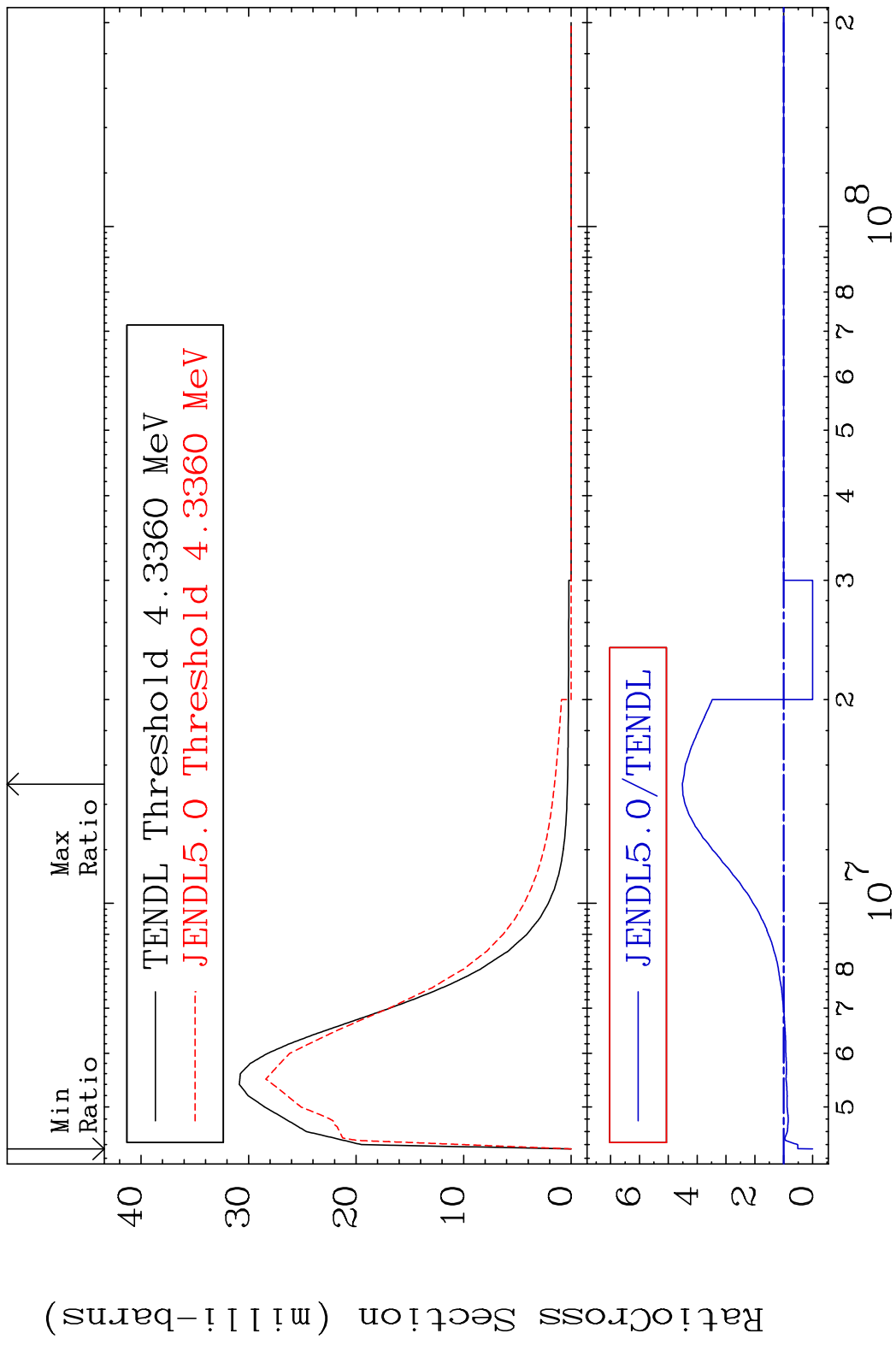
MAT 2437 MT= 77 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 275.1 %



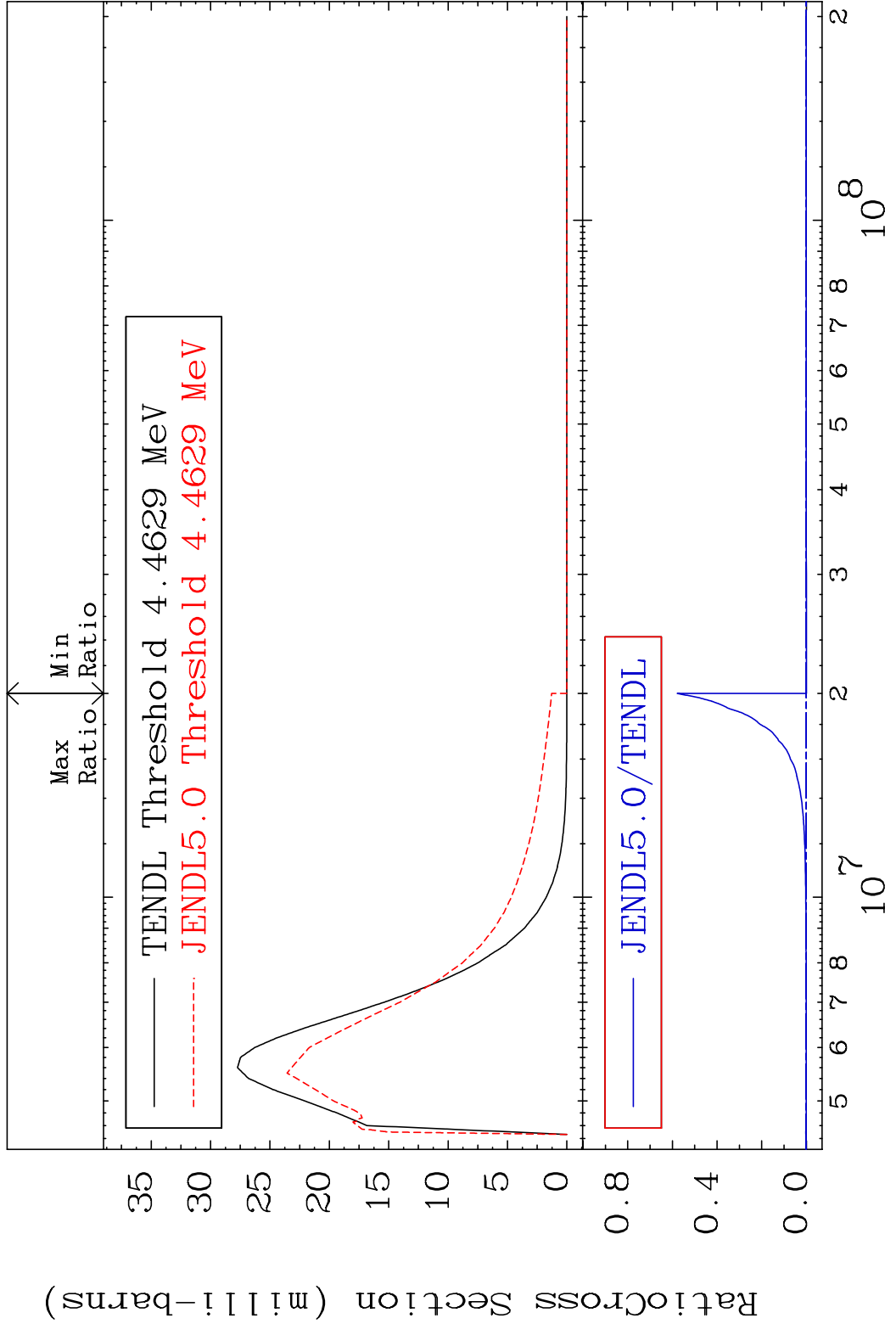
MAT 2437 MT= 78 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 250.2 %



MAT 2437 MT= 79 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 351.4 %



MAT 2437 MT= 80 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 9999. %

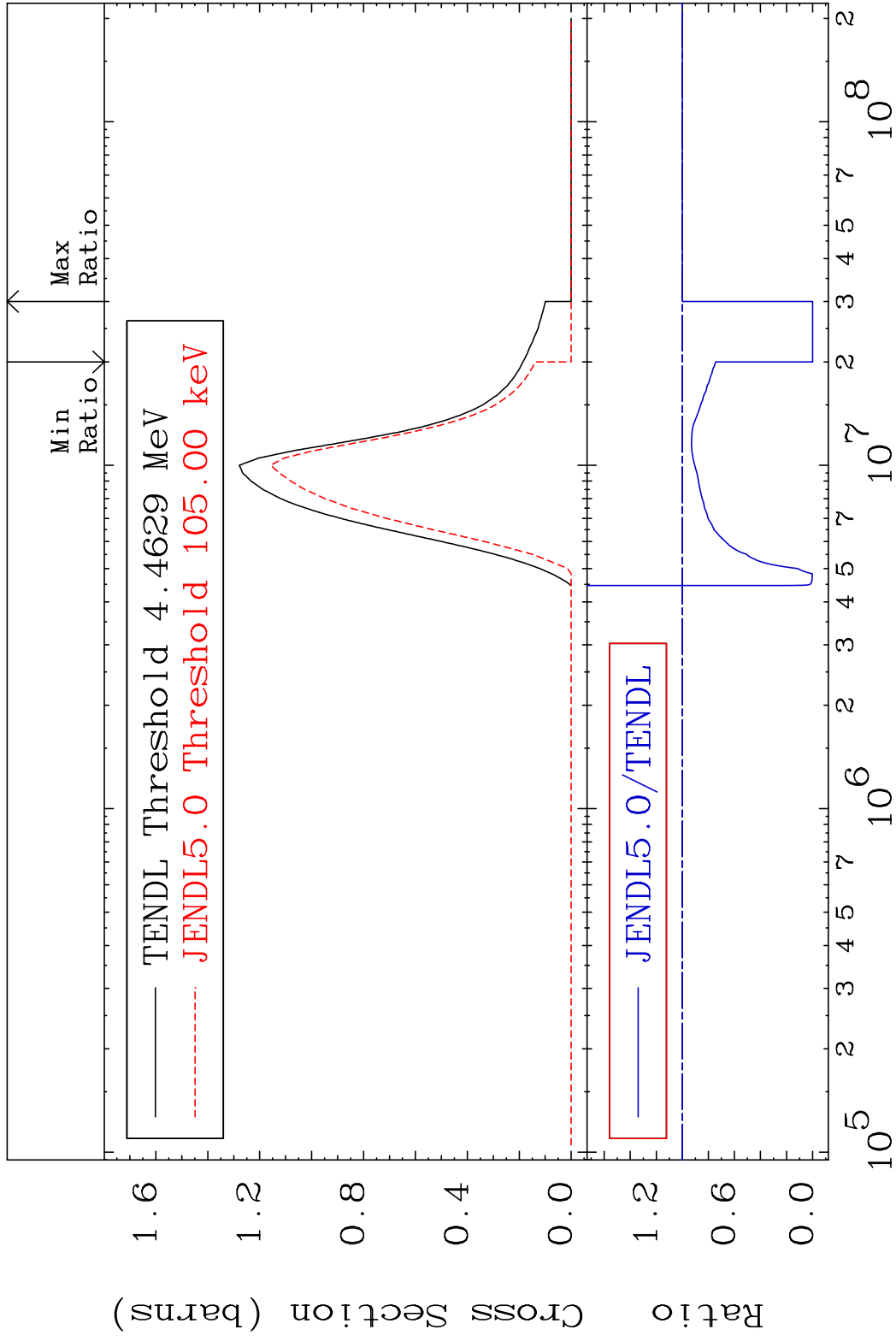


MAT 2437

(n, n') Continuum

²⁴Cr-54

Cross Section -100.0 To 0.000 %



39

Incident Energy (eV)

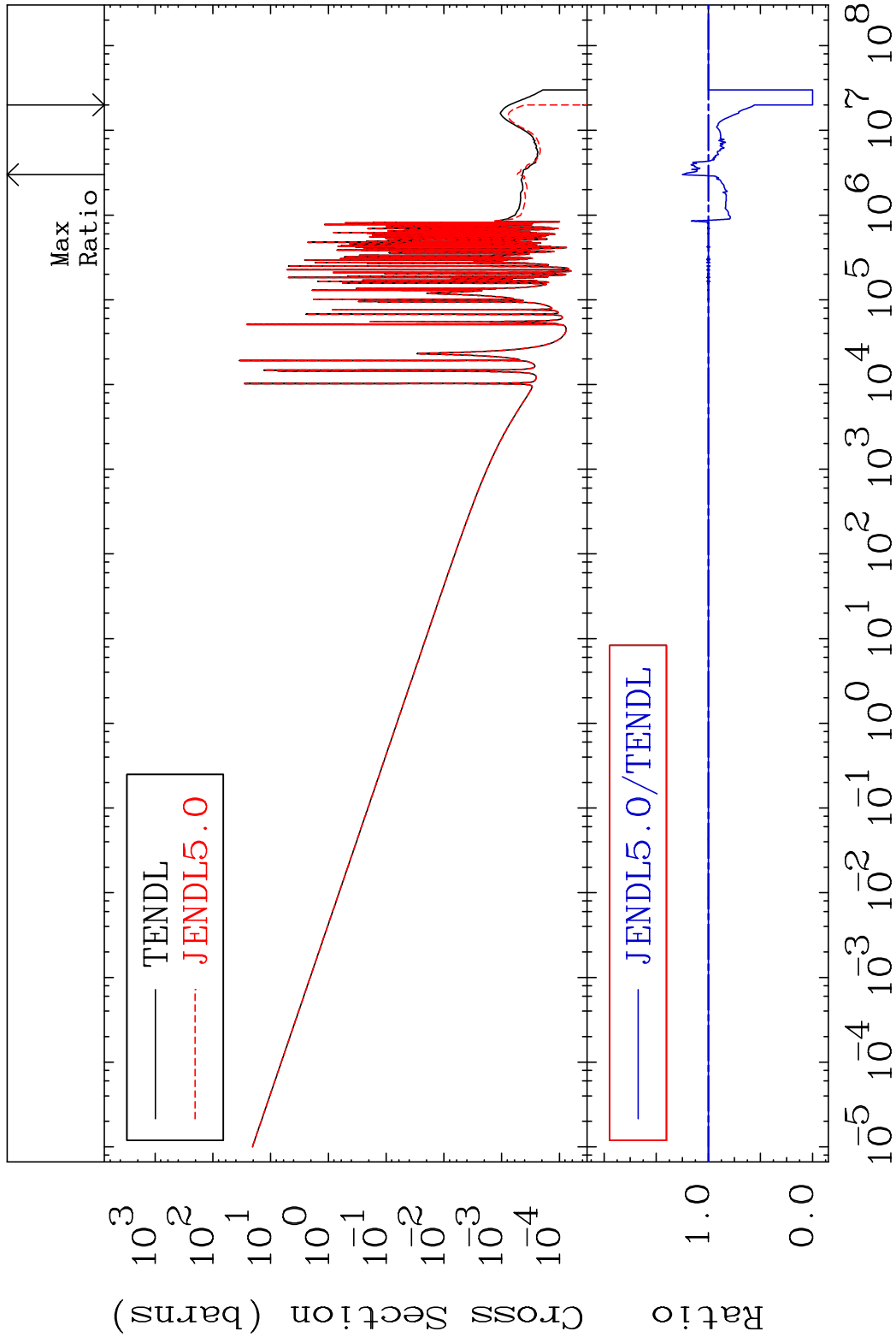
²⁴Cr-54

MAT 2437

(n, γ)

24-Cr-54

Cross Section -100.0 To 24.97 %



40

Incident Energy (eV)

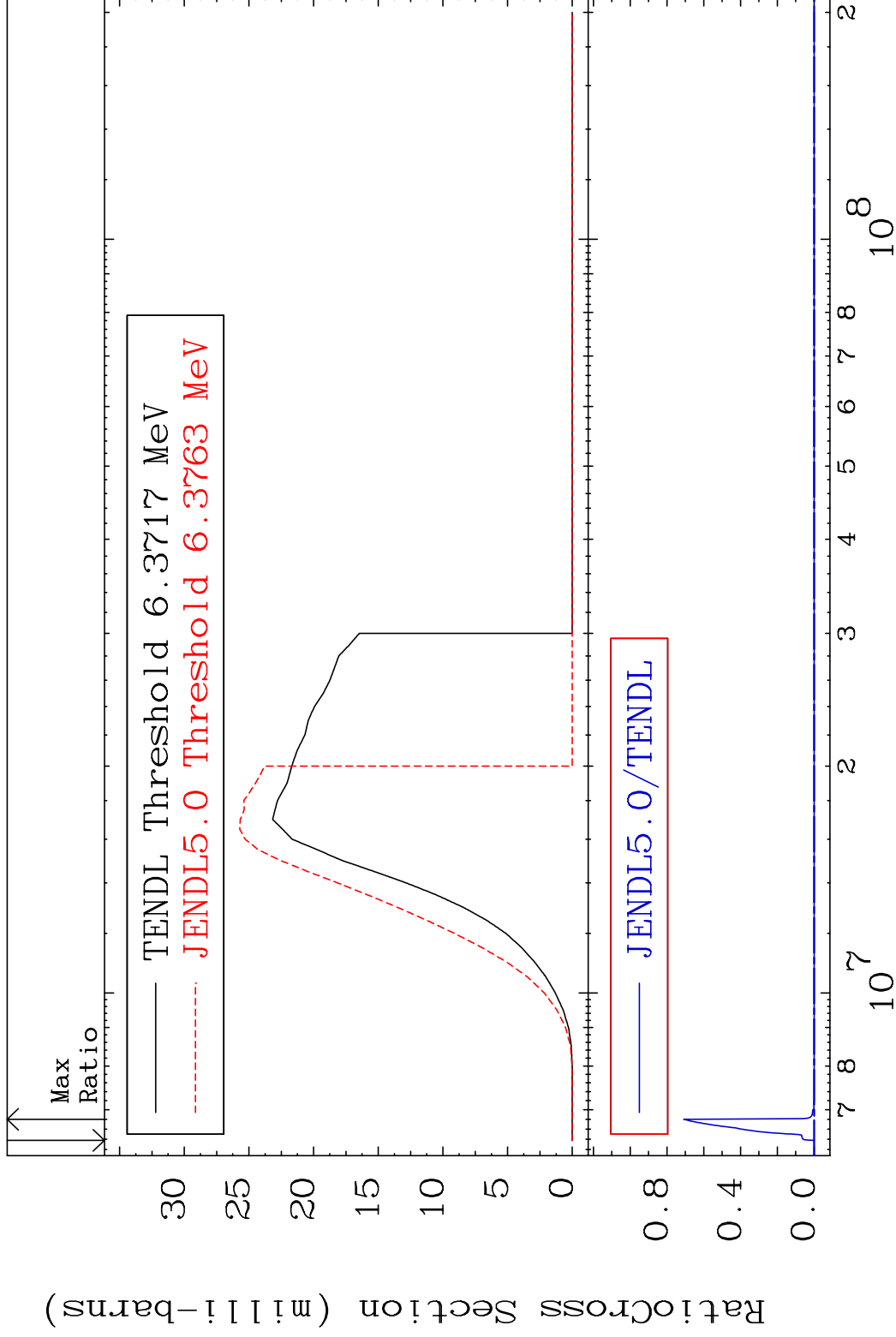
24-Cr-54

MAT 2437

(n,p)

24-Cr-54

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

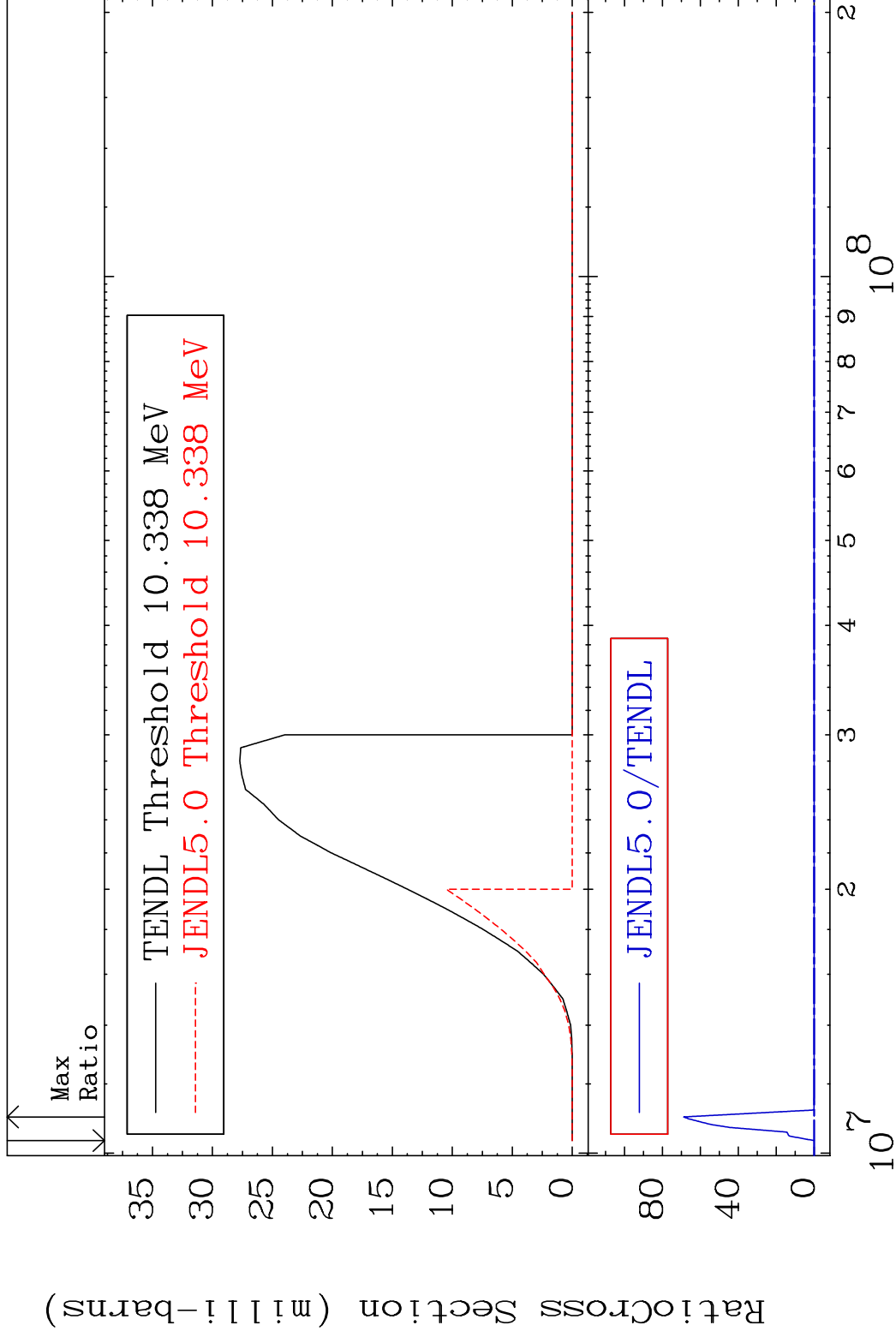
24-Cr-54

MAT 2437

(n,d)

²⁴Cr-54

Cross Section -100.0 To 9999. %

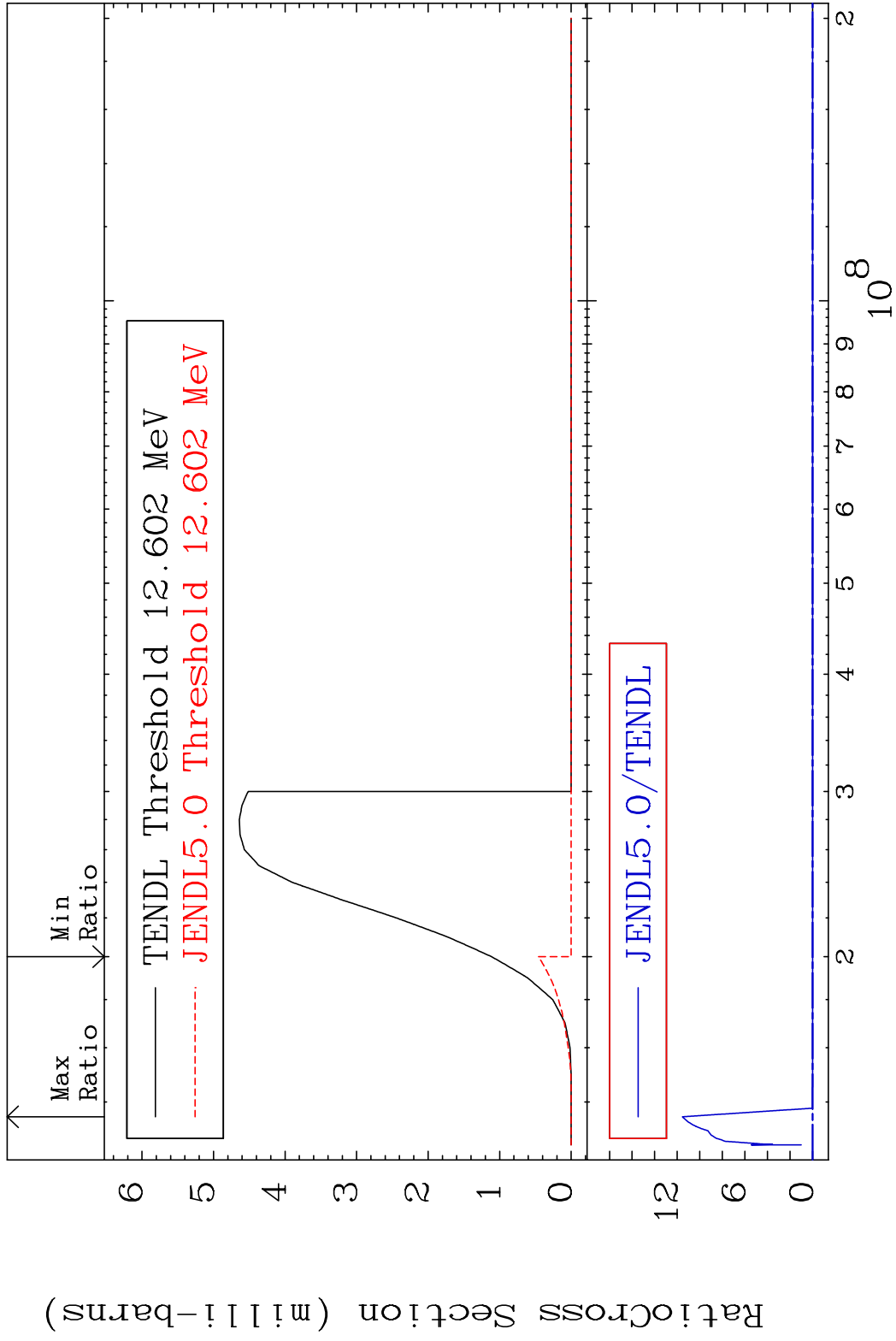


MAT 2437

(n, t)

24-Cr-54

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

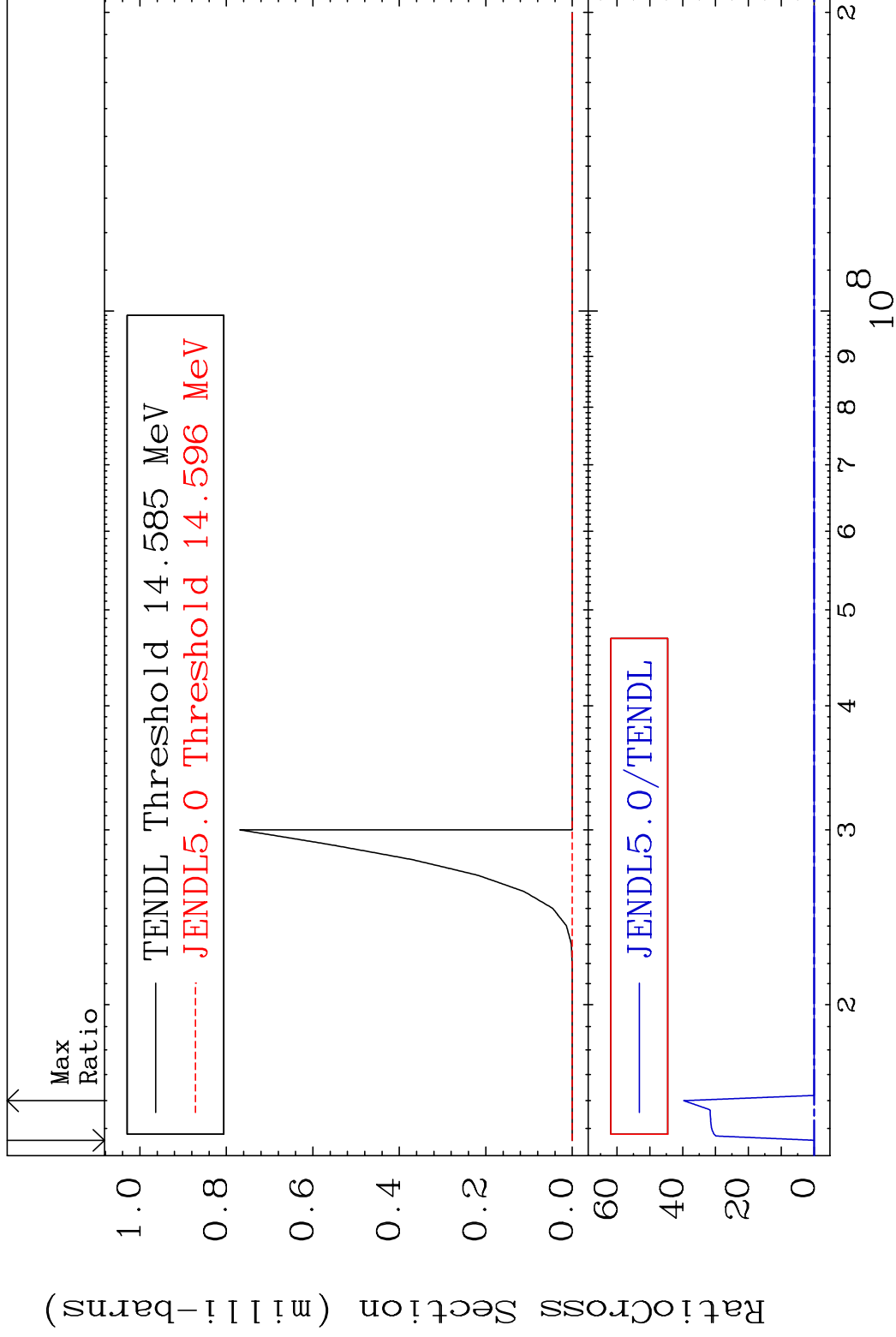
24-Cr-54

MAT 2437

(n, He-3)

²⁴Cr-54

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

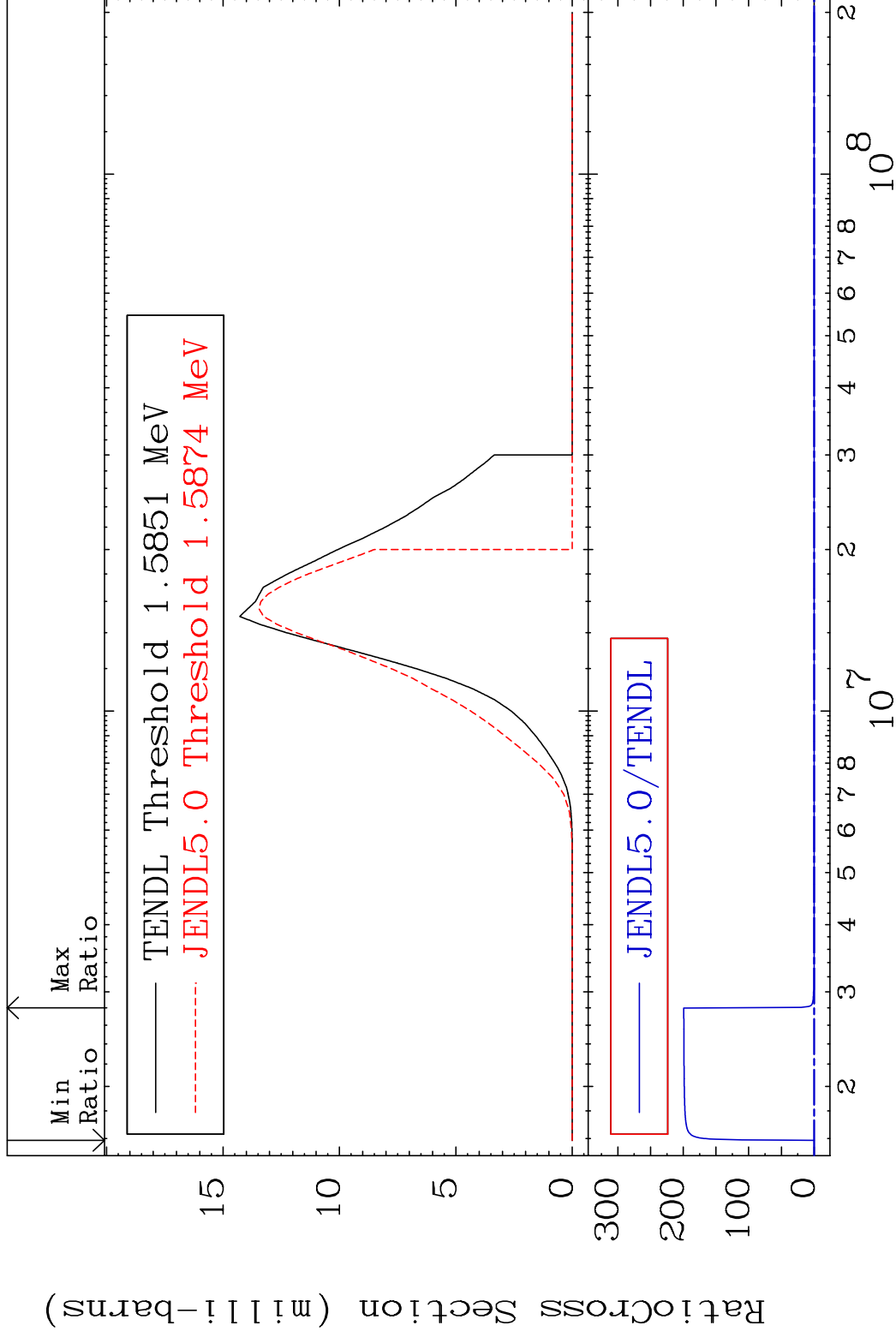
²⁴Cr-54

MAT 2437

(n, α)

²⁴Cr-54

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

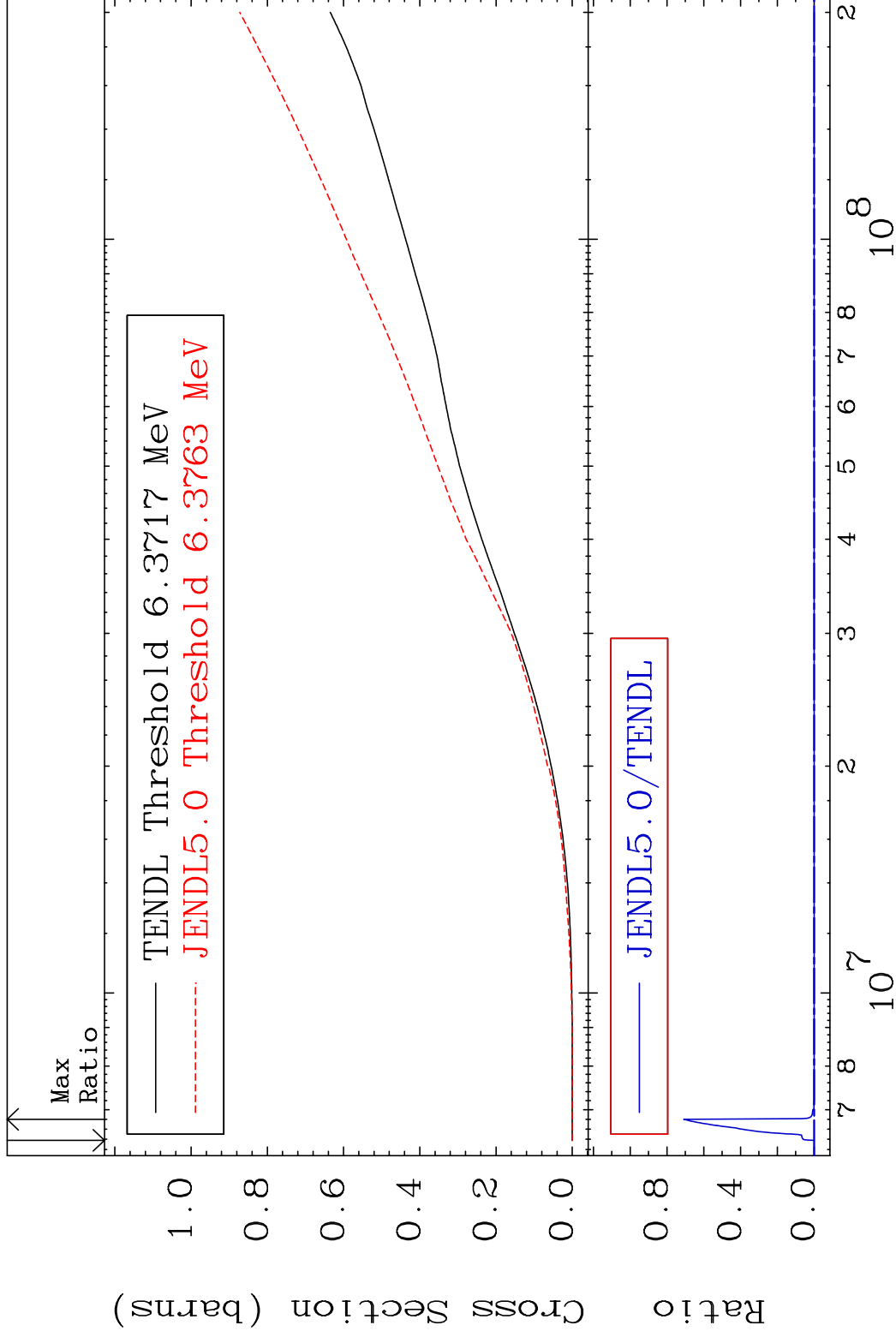
²⁴Cr-54

MAT 2437

Hydrogen Production

²⁴Cr-54

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

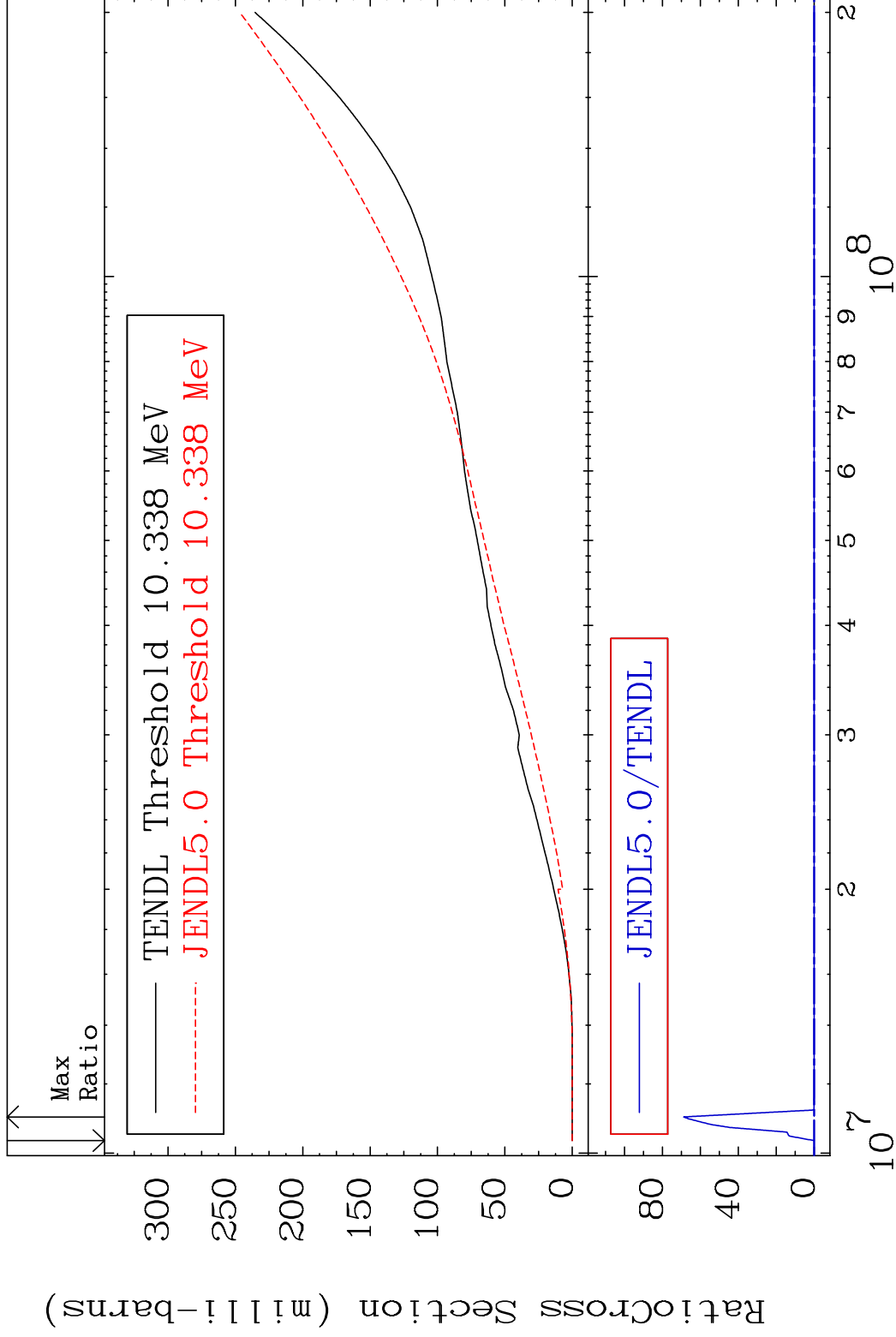
²⁴Cr-54

MAT 2437

Deuterium Production

²⁴Cr-54

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

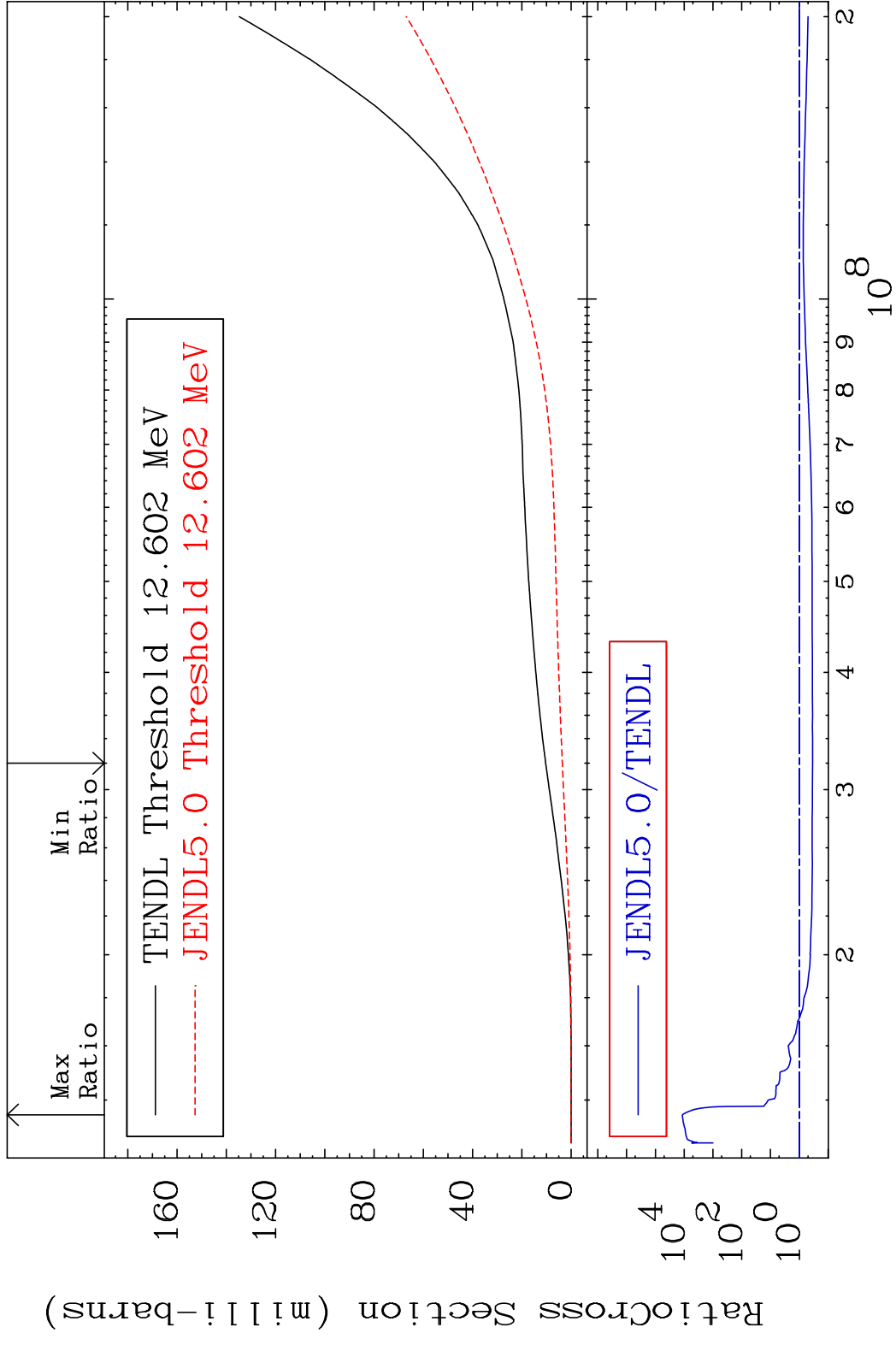
²⁴Cr-54

MAT 2437

Tritium Production

²⁴Cr-54

Cross Section -65.43 To 9999. %

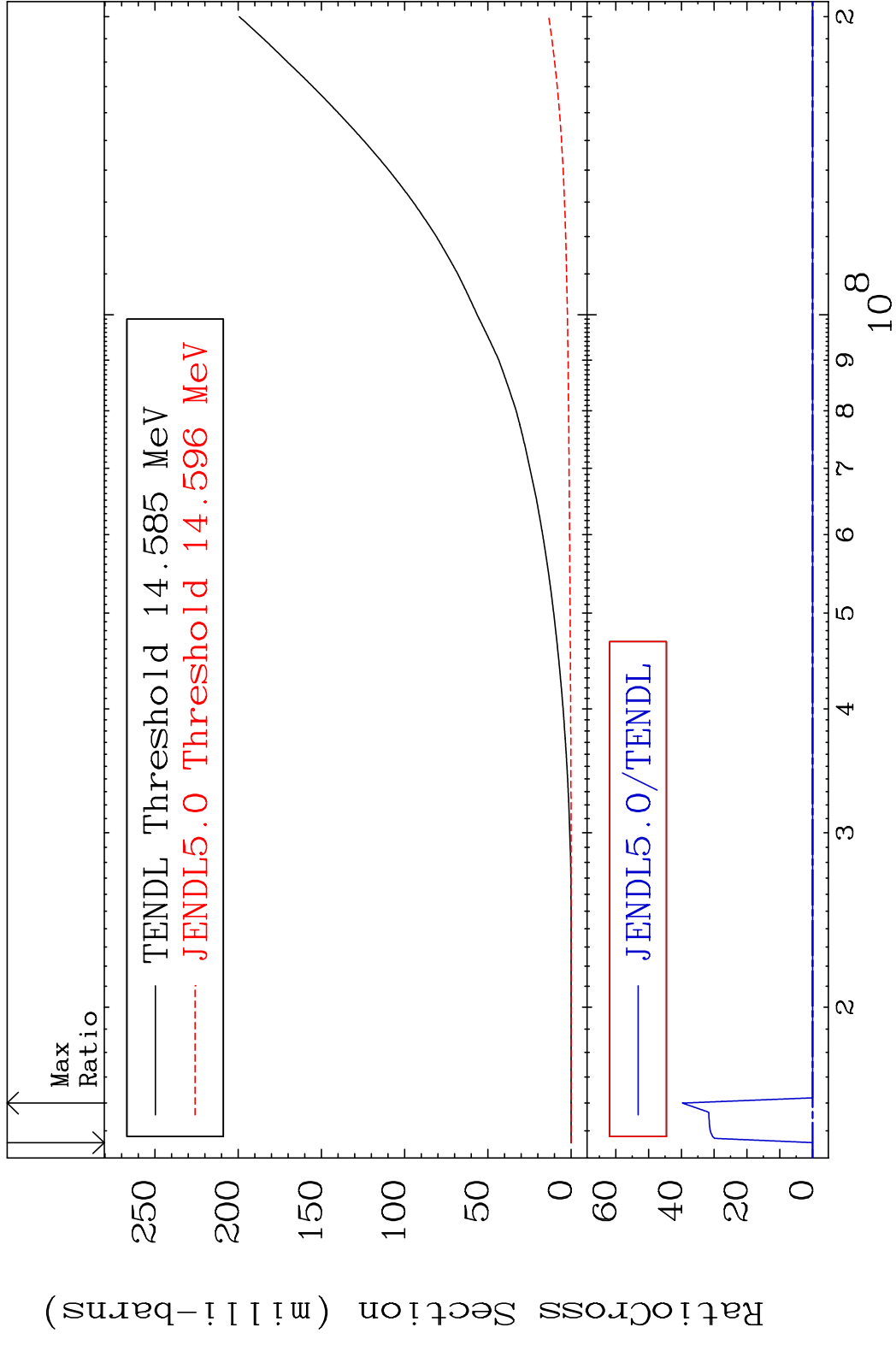


MAT 2437

He-3 Production

²⁴Cr-54

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

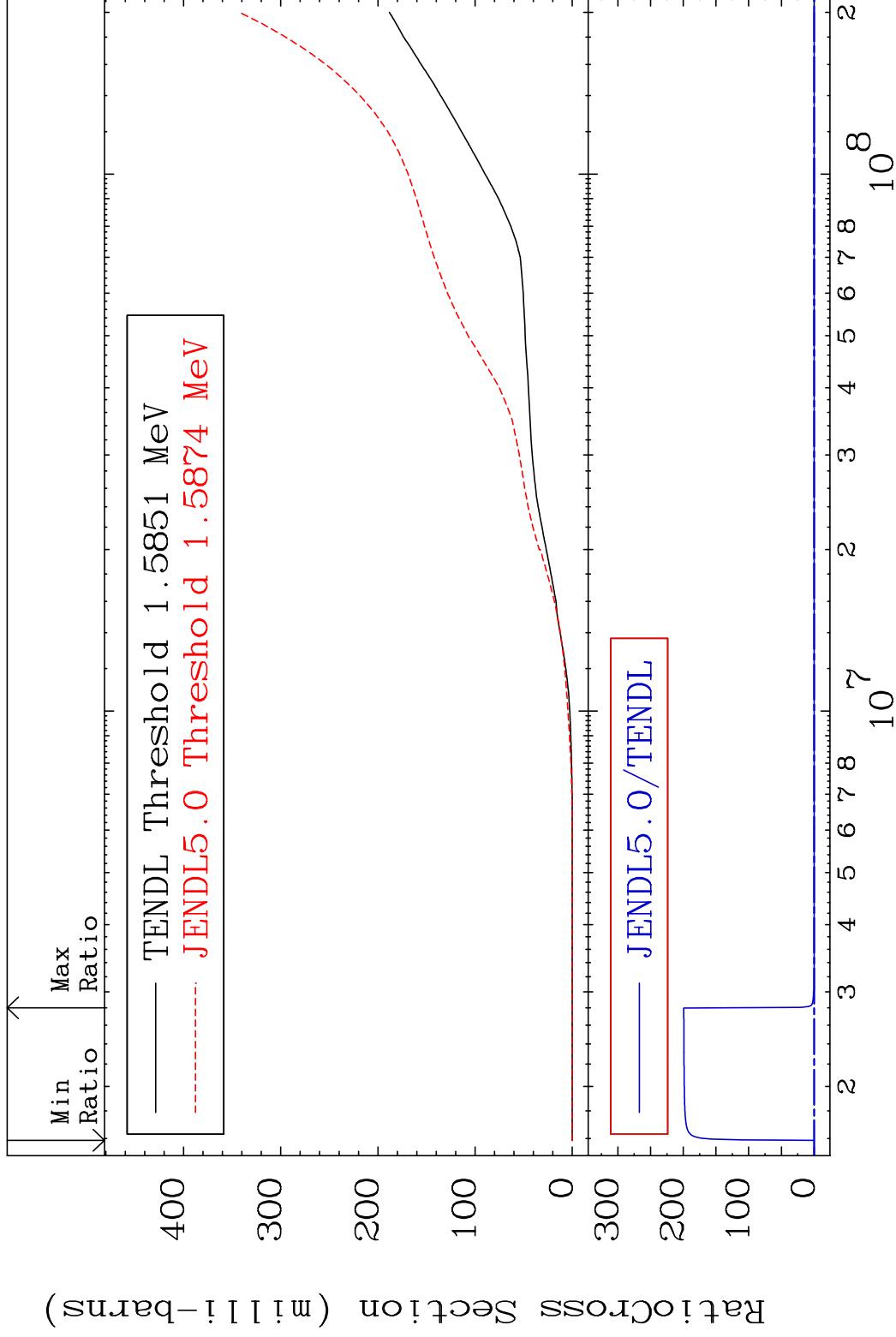
²⁴Cr-54

MAT 2437

He-4 Production

²⁴Cr-54

Cross Section -100.0 To 9999. %

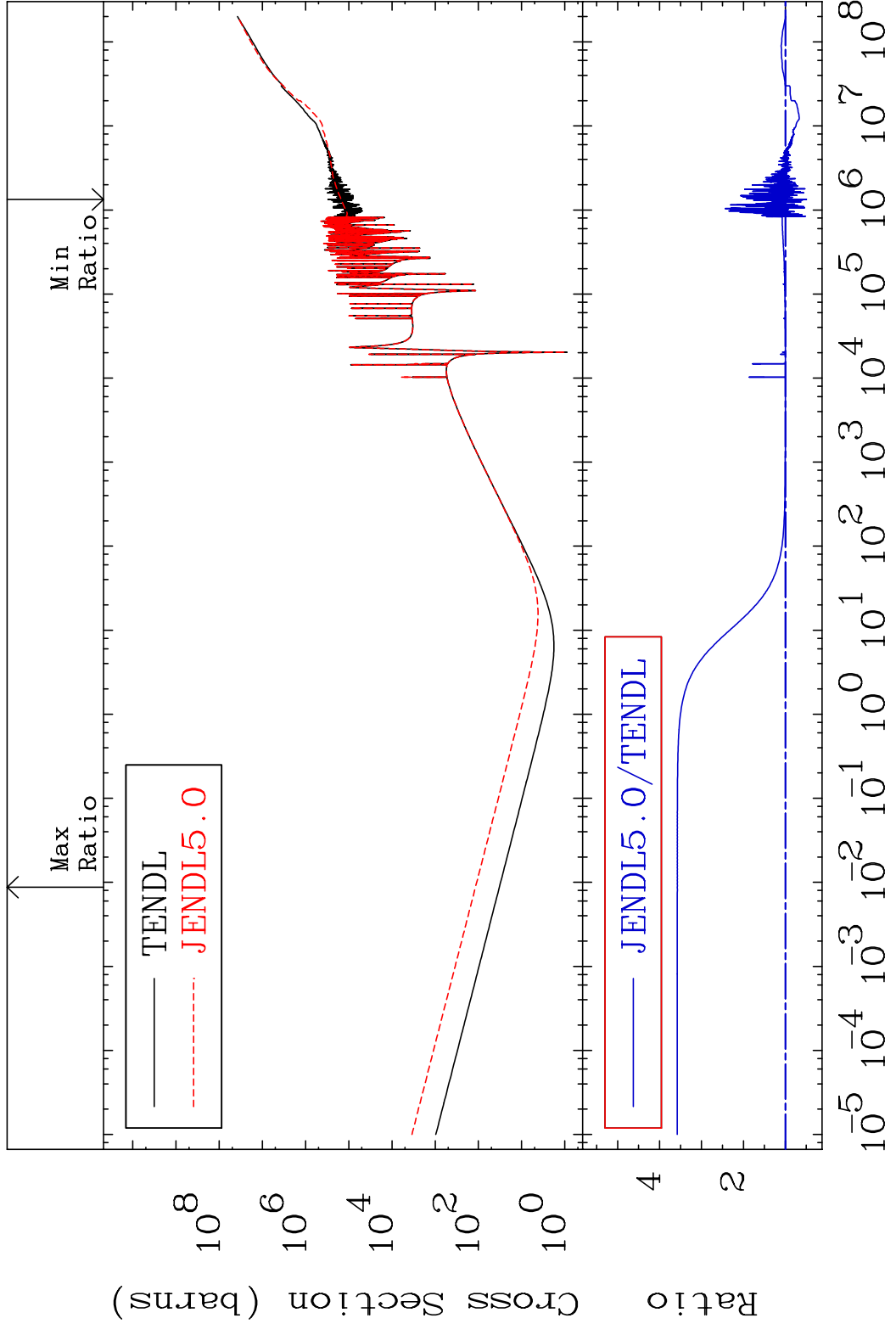


50

Incident Energy (eV)

²⁴Cr-54

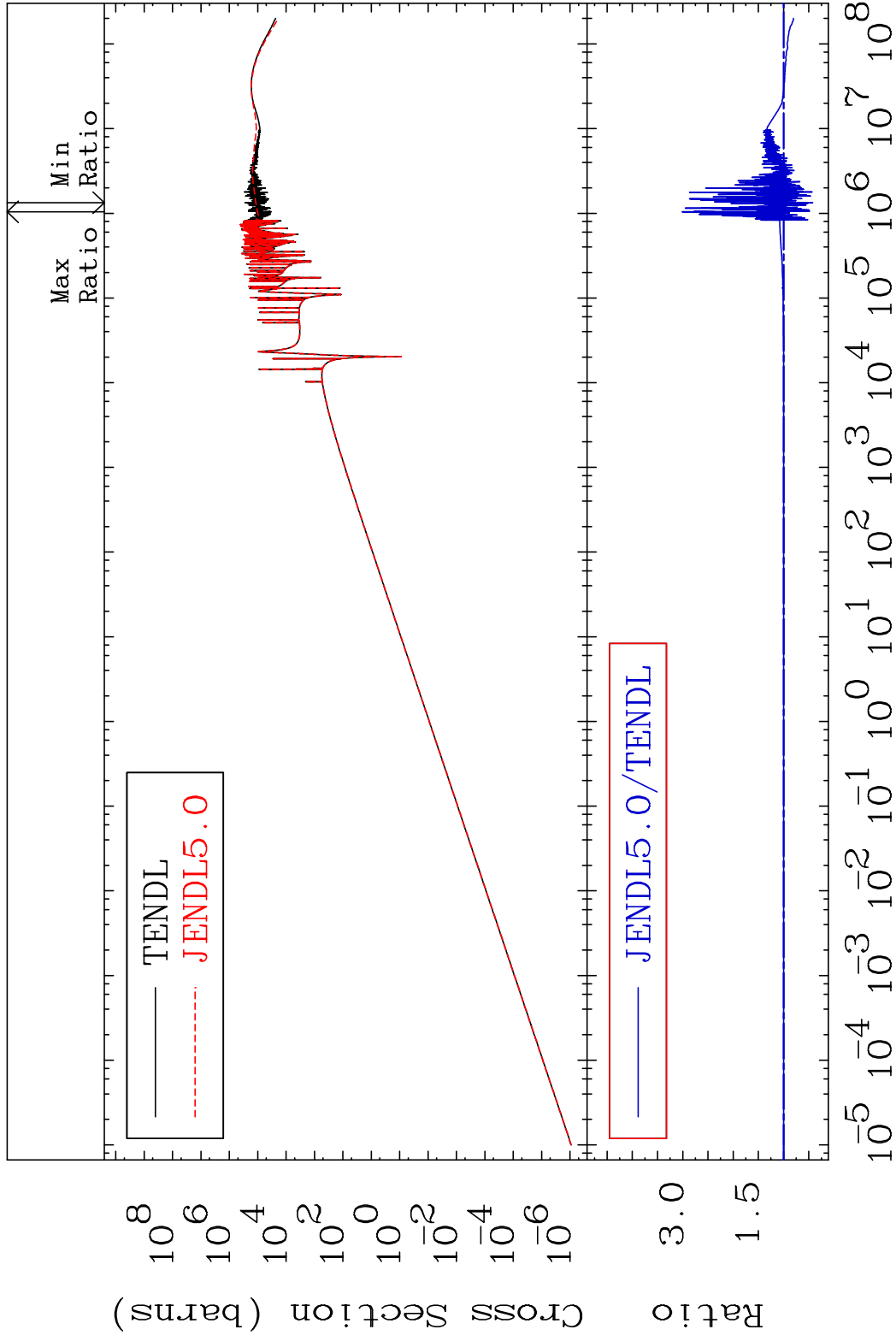
MAT 2437 Kerma total (eV-barns) 24-Cr-54
 Cross Section -50.18 To 258.0 %



MAT 2437

Kerma elastic
Cross Section

24-Cr-54
-57.46 To 200.8 %

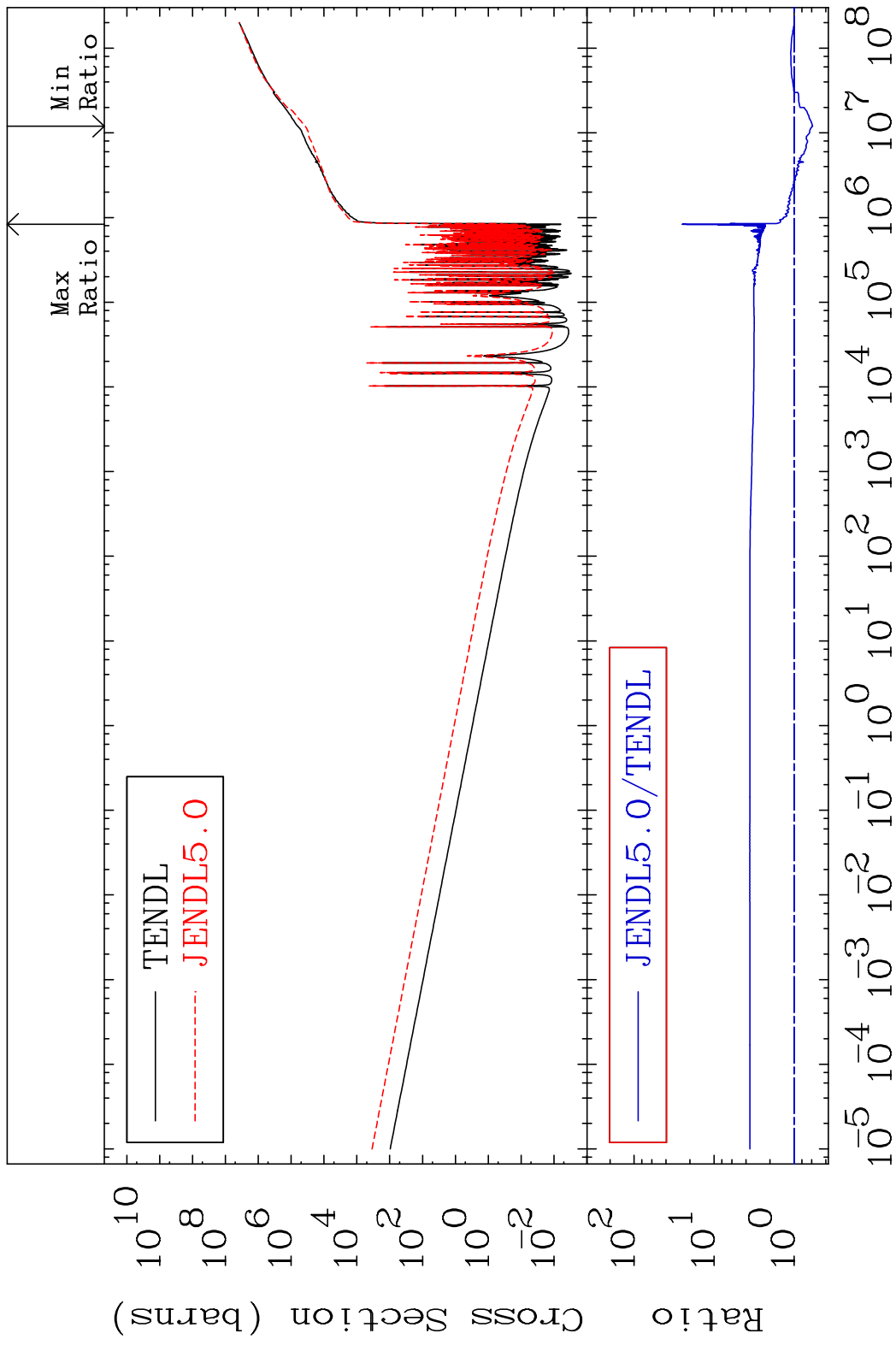


52

Incident Energy (eV)

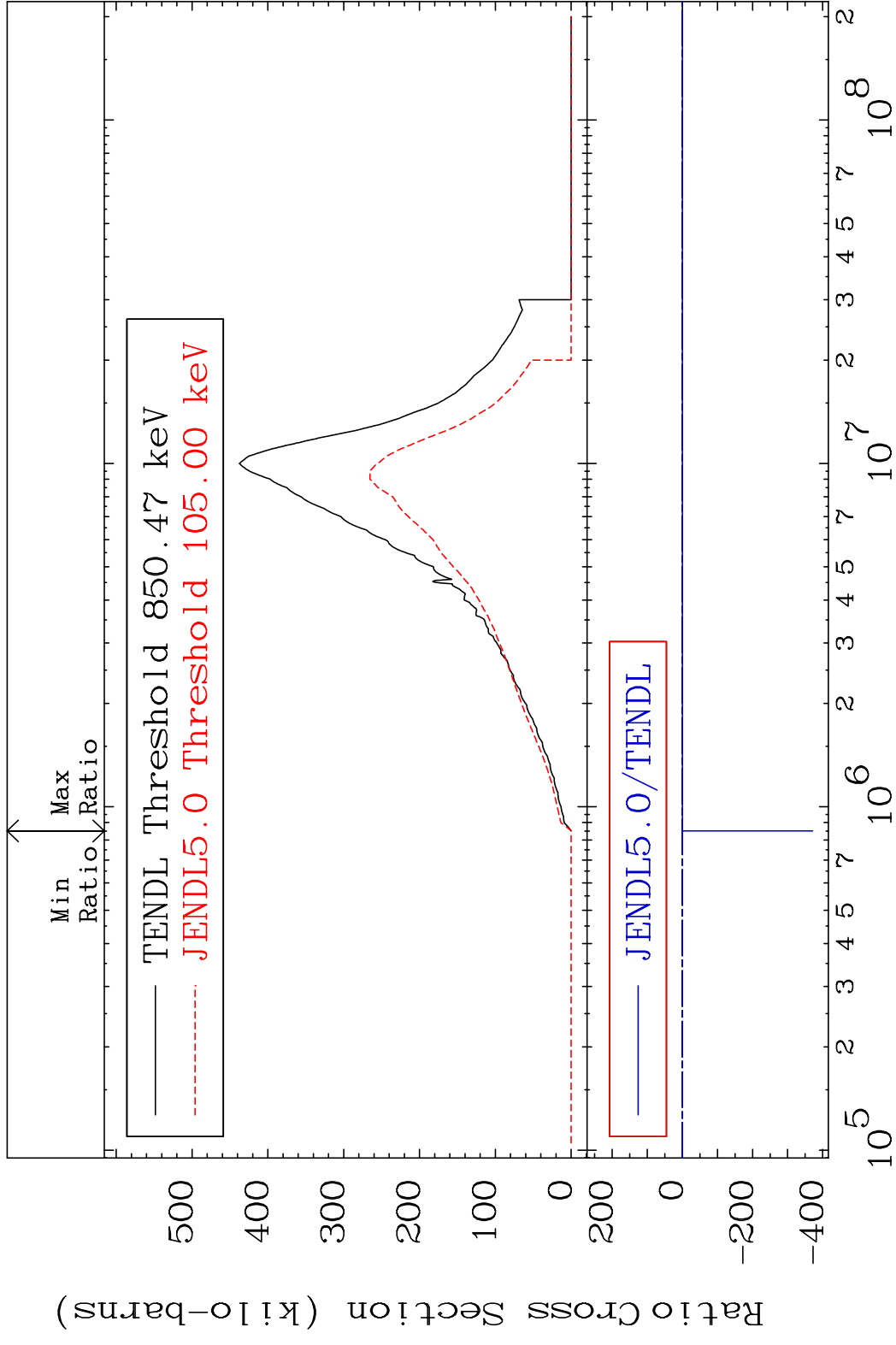
24-Cr-54

MAT 2437 Kerma non-elastic (all but mt2) 24-Cr-54
 Cross Section -41.34 To 2394. %



MAT 2437

Kerma inelastic (mt51-91) 24-Cr-54
Cross Section -9999. To 65.66 %

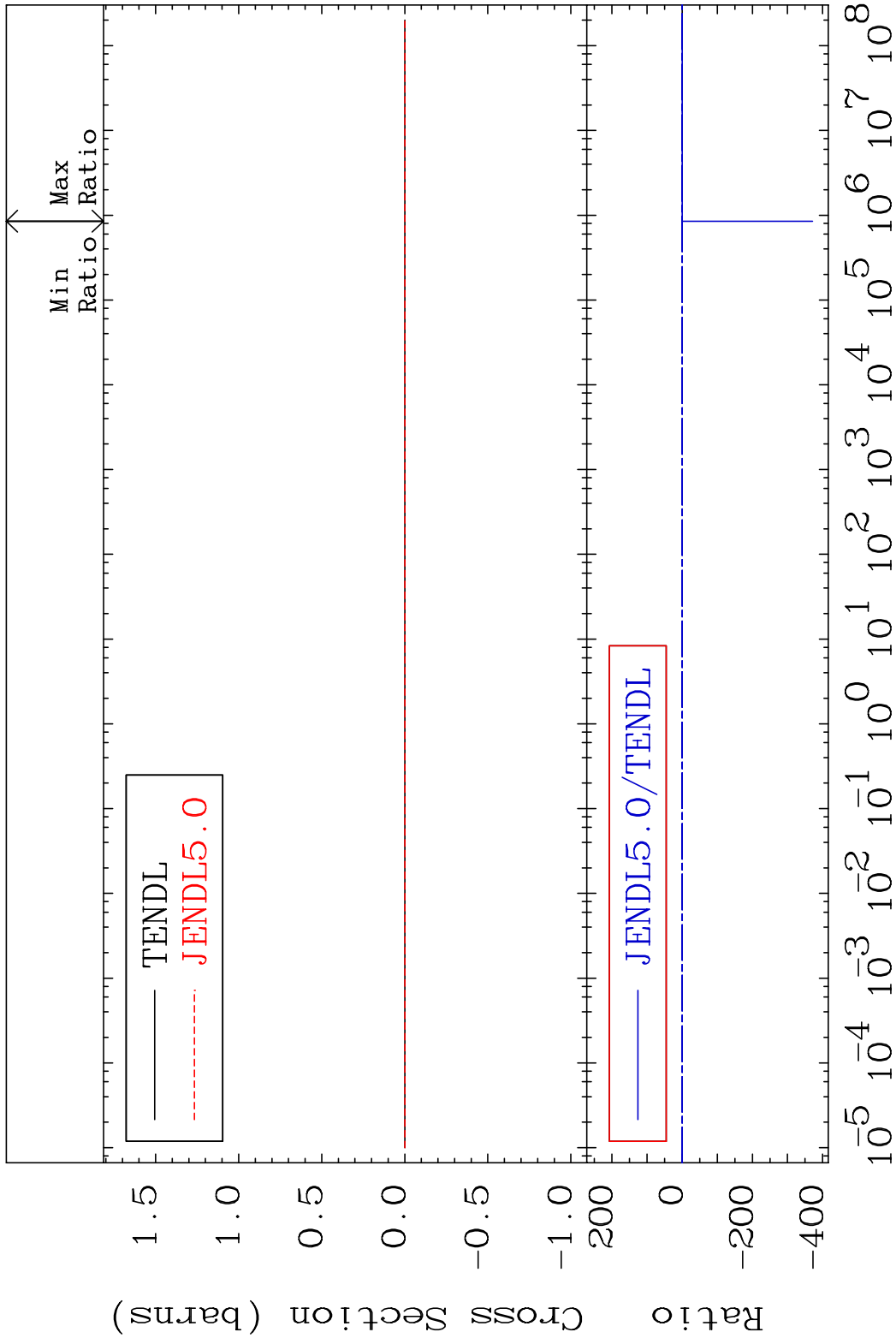


54

Incident Energy (eV)

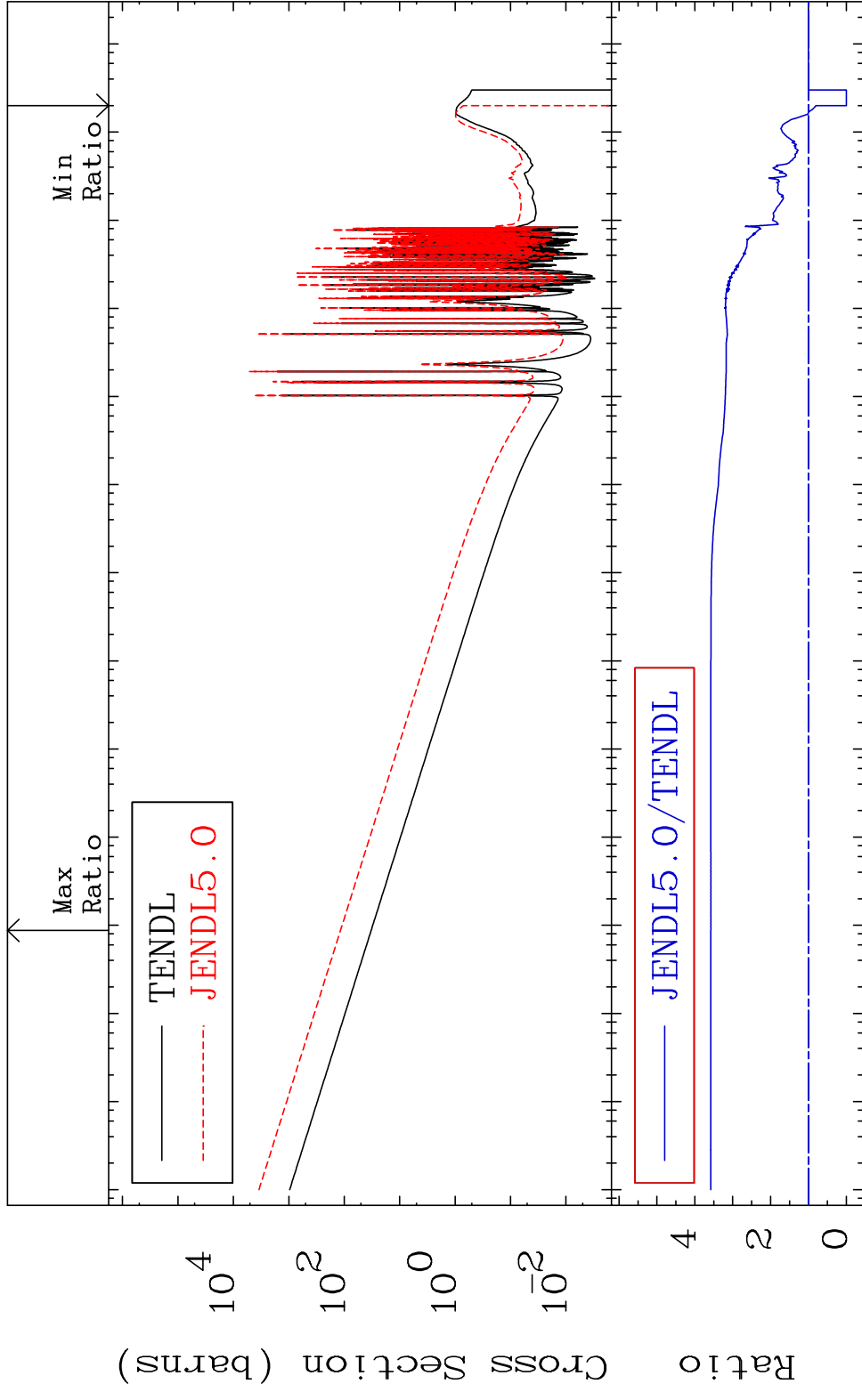
24-Cr-54

MAT 2437 Kerma fission (mt18 or mt19-20-21-38) 24-Cr-54
 Cross Section -9999. To 65.66 %



MAT 2437

Kerma capture (mt102) 24-Cr-54
Cross Section -100.0 To 258.0 %



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

56

Incident Energy (eV)

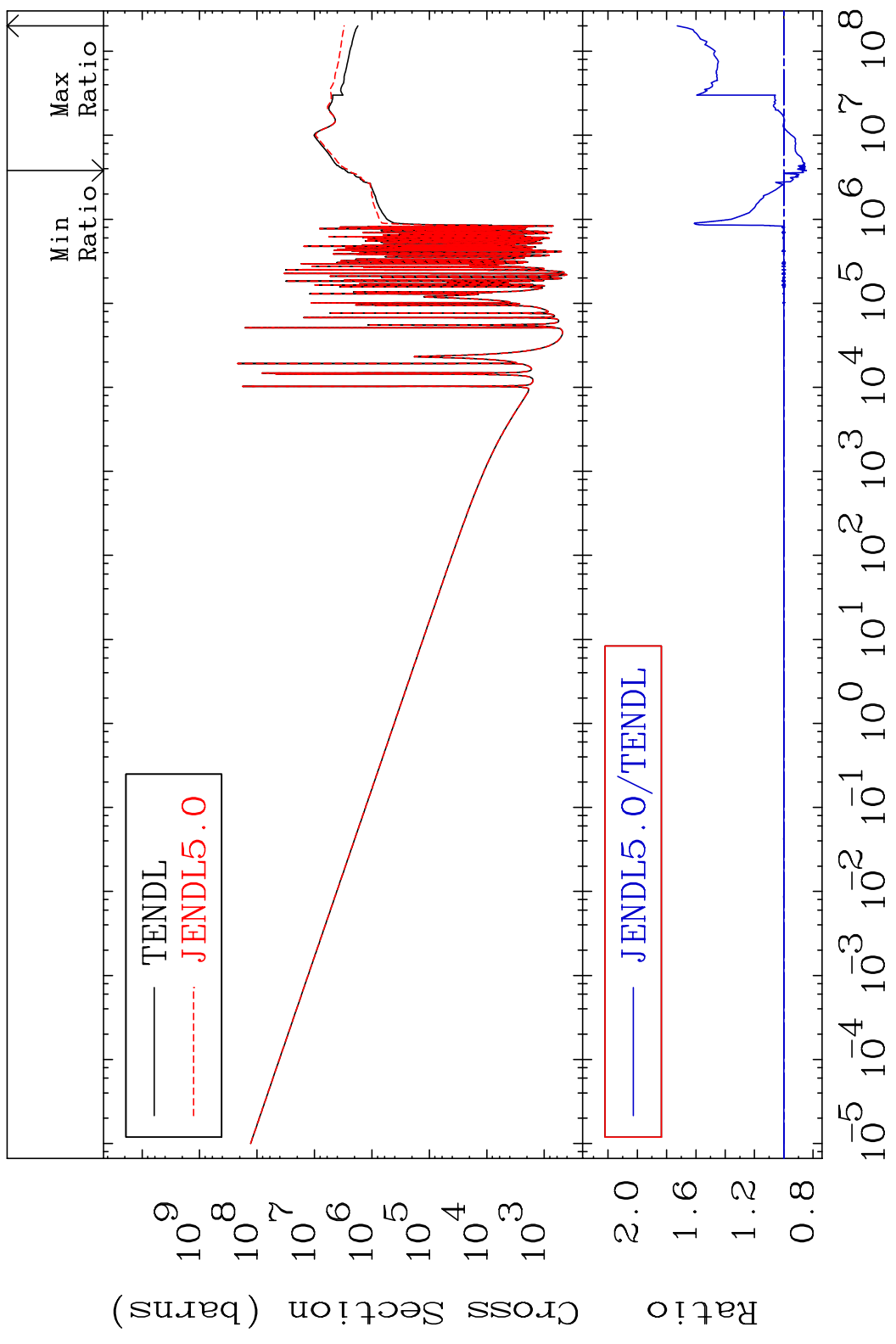
24-Cr-54

MAT 2437

Total photon (eV-barns)

24-Cr-54

Cross Section -15.43 To 72.79 %

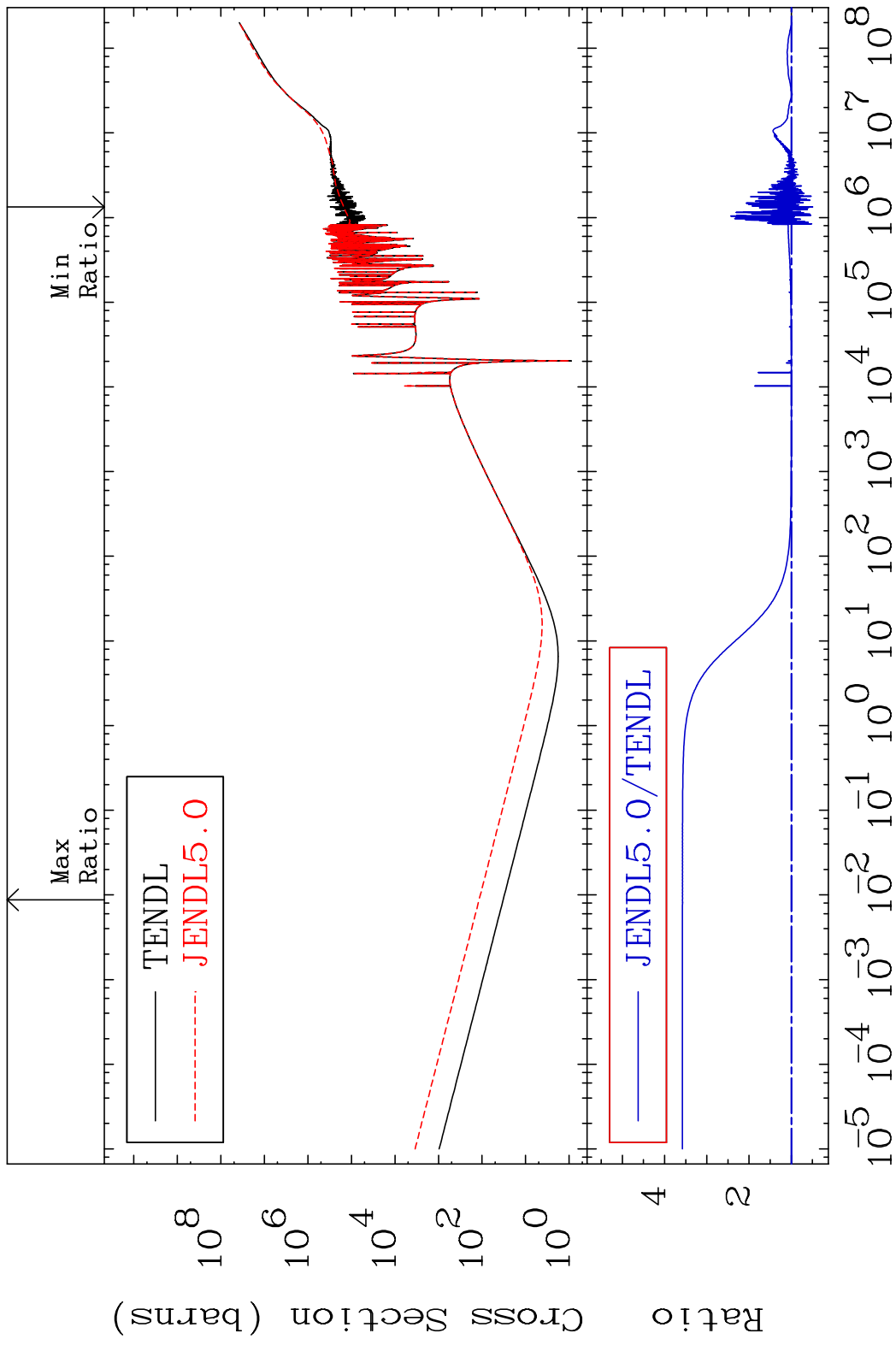


57

Incident Energy (eV)

24-Cr-54

MAT 2437 Total kinematic kerma (high limit) 24-Cr-54
 Cross Section -50.24 To 258.0 %

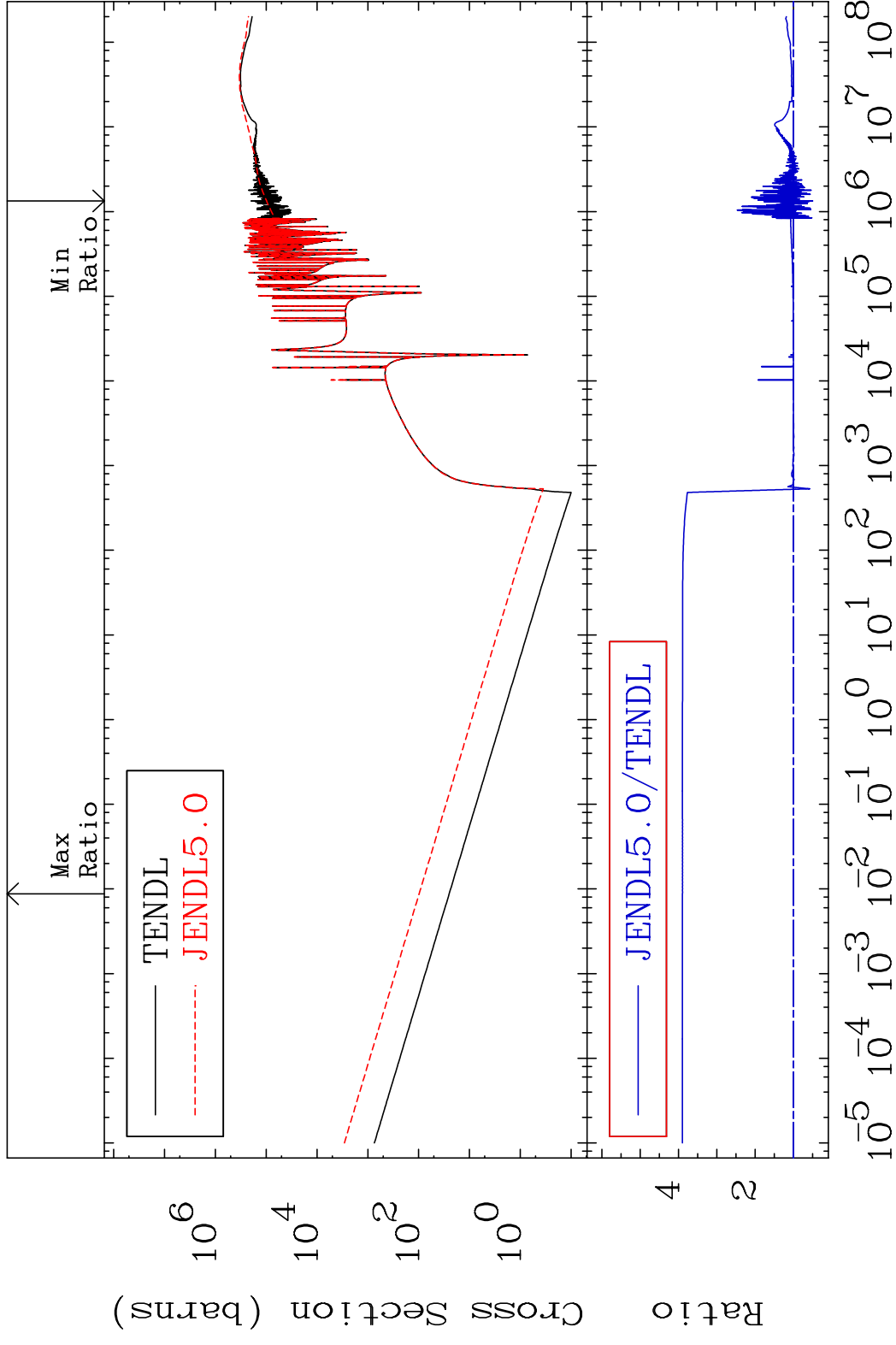


MAT 2437

Dpa total (eV-barns)

24-Cr-54

Cross Section -49.89 To 290.0 %



59

Incident Energy (eV)

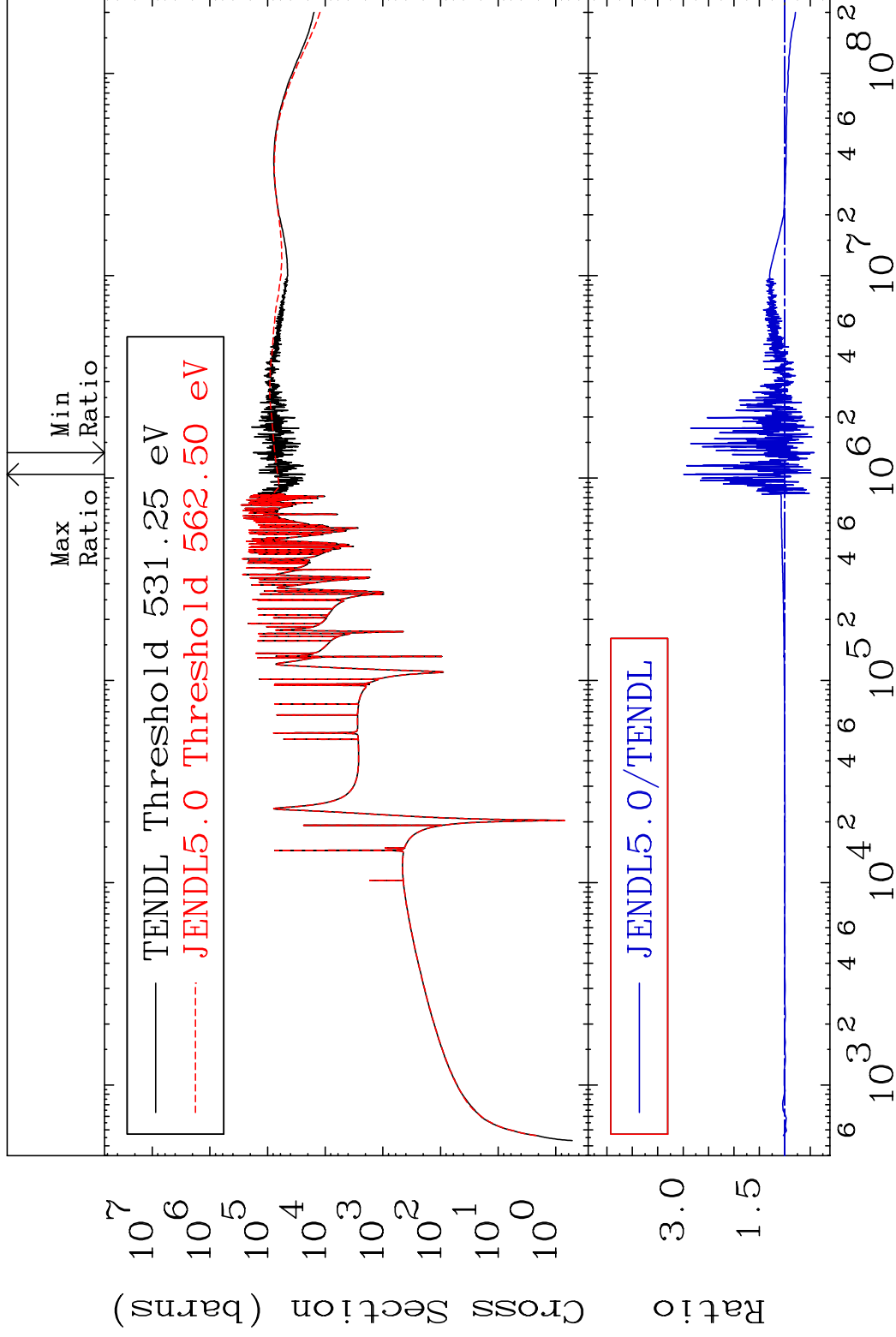
24-Cr-54

MAT 2437

Dpa elastic (mt2)

24-Cr-54

Cross Section -57.72 To 199.0 %



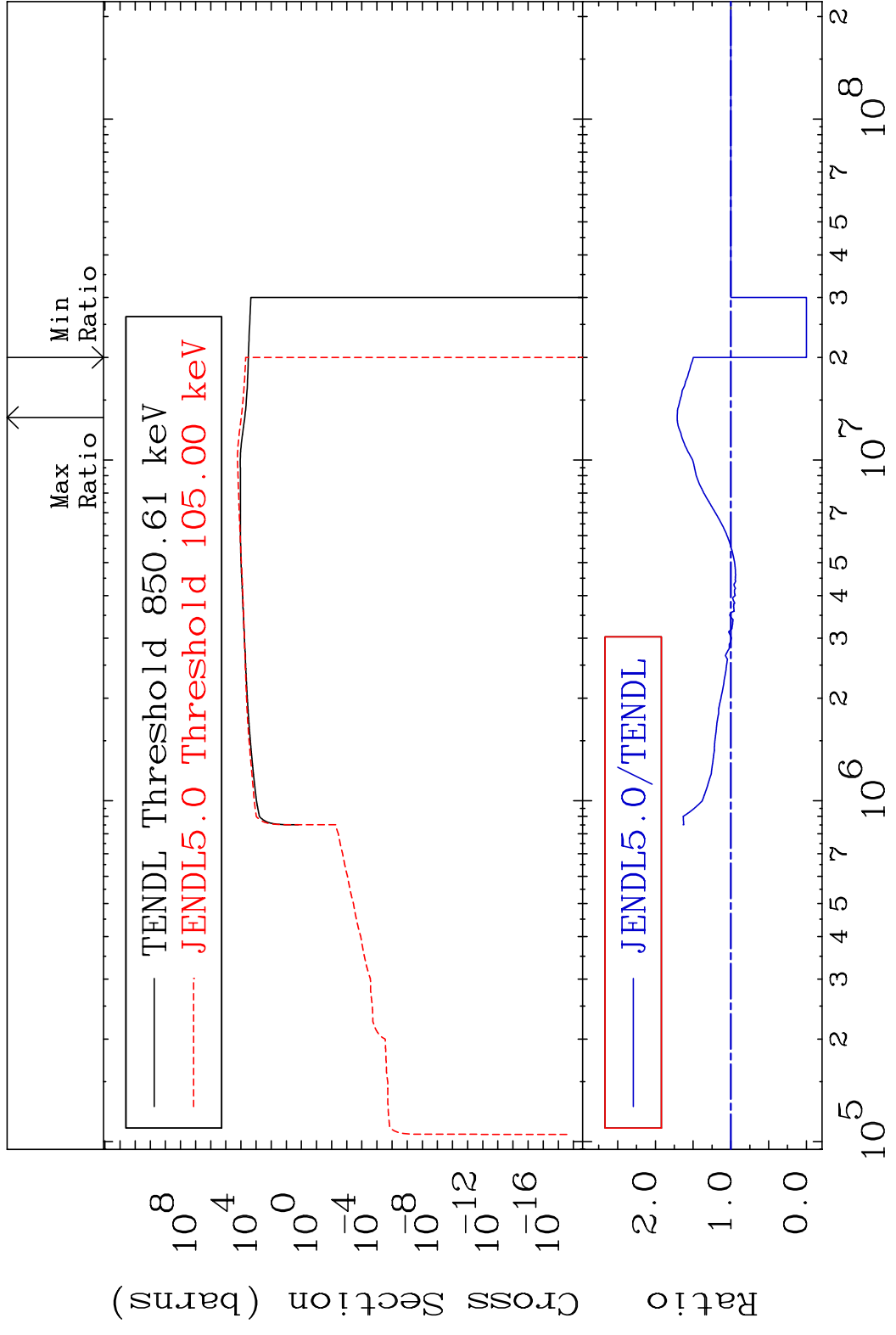
60

Incident Energy (eV)

24-Cr-54

MAT 2437

Dpa inelastic (mt51-91) 24-Cr-54
Cross Section -100.0 To 71.13 %



61

Incident Energy (eV)

24-Cr-54

MAT 2437 Dpa disappearance (mt102 -120) 24-Cr-54
 Cross Section -100.0 To 290.0 %

