

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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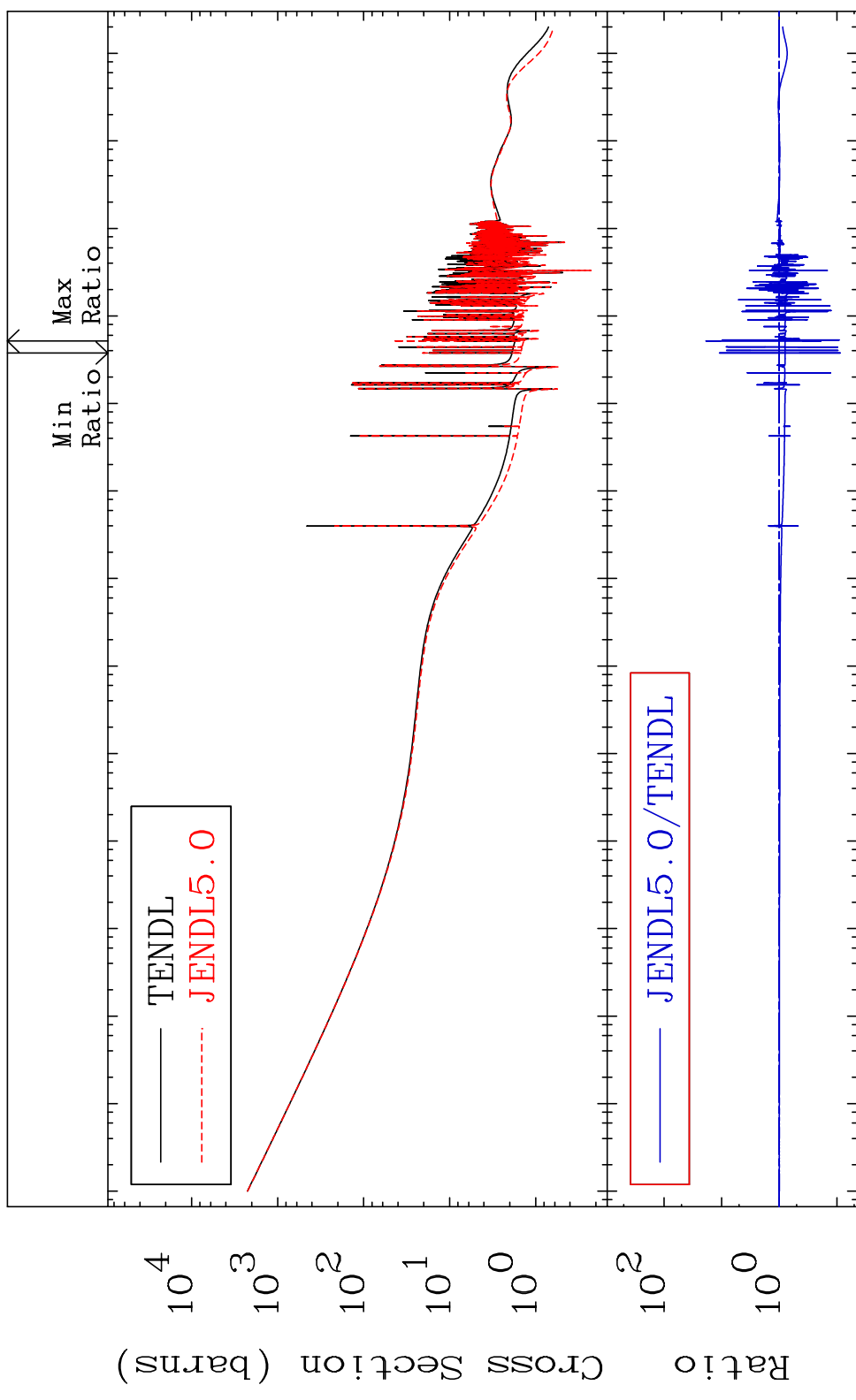
Press Mouse Button to Start

MAT 1725

Total

17-C1-35

Cross Section -91.34 To 1789. %



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

1

Incident Energy (eV)

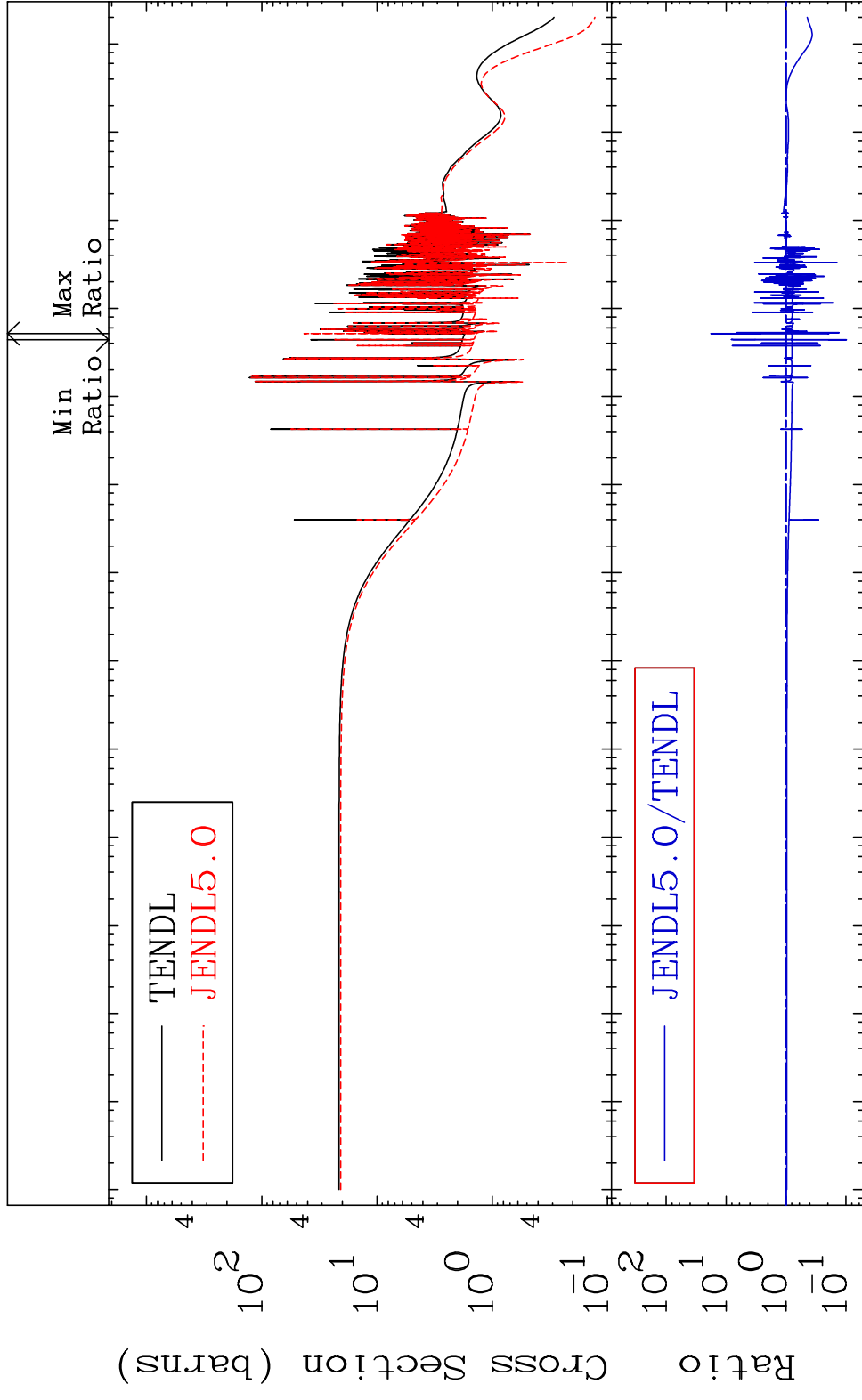
17-C1-35

MAT 1725

Elastic

17-C1-35

Cross Section -90.13 To 1708. %



2

Incident Energy (eV)

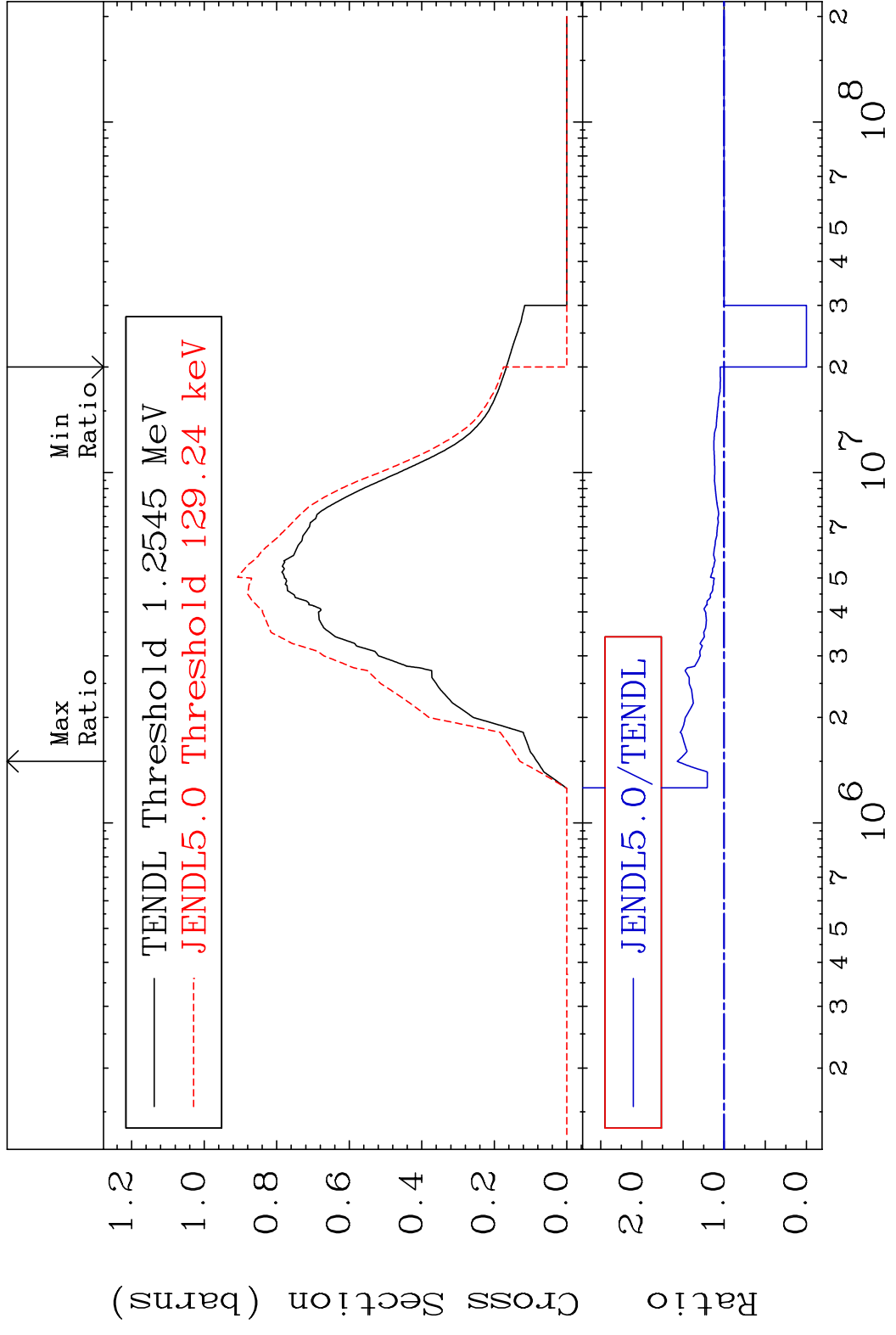
17-C1-35

MAT 1725

Inelastic

17-Cl-35

Cross Section -100.0 To 57.10 %

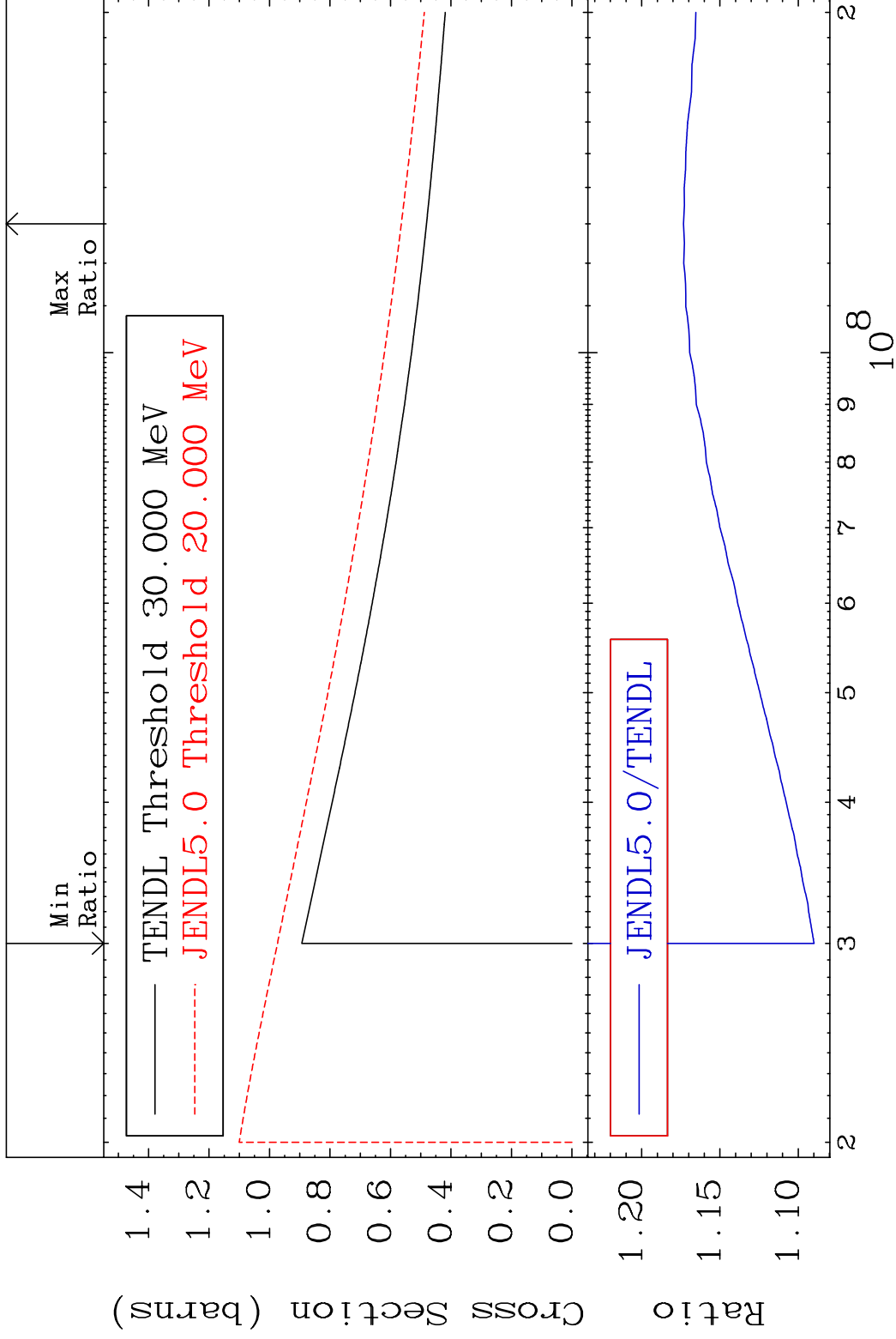


MAT 1725

(n, remainder)

17-C1-35

Cross Section 8.988 To 17.33 %



4

Incident Energy (eV)

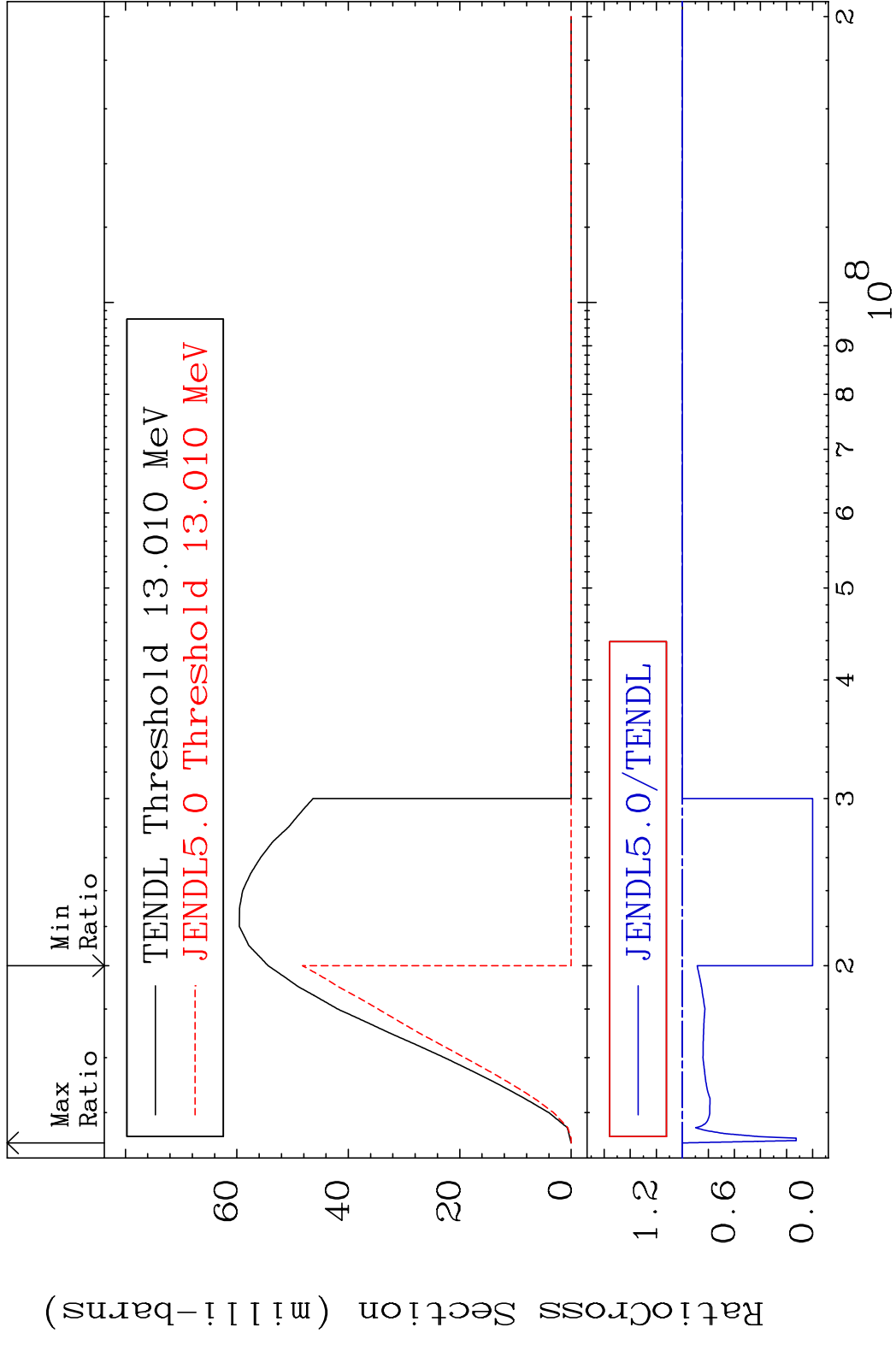
17-C1-35

MAT 1725

(n,2n)

17-Cl-35

Cross Section -100.0 To 0.000 %

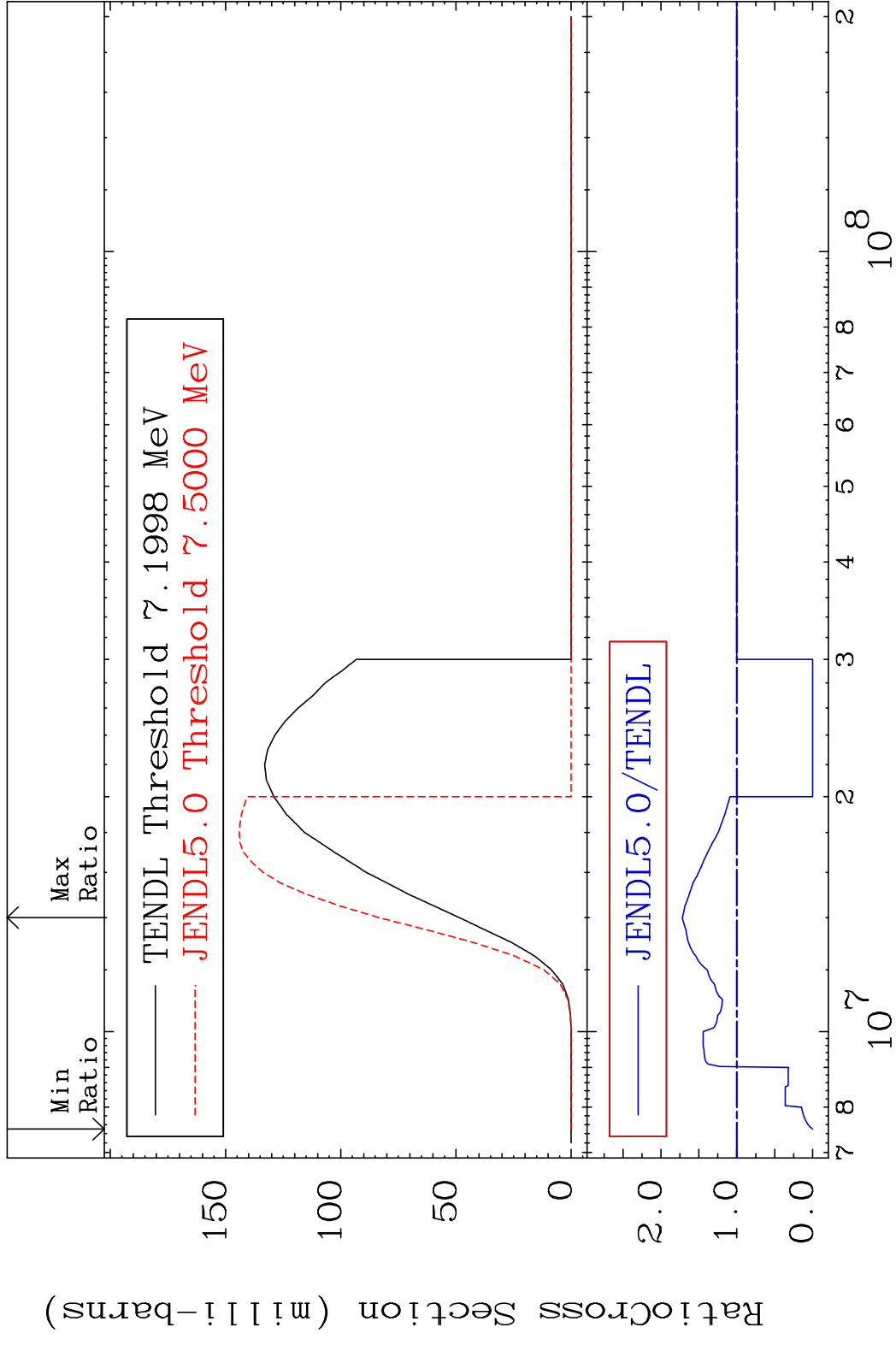


5

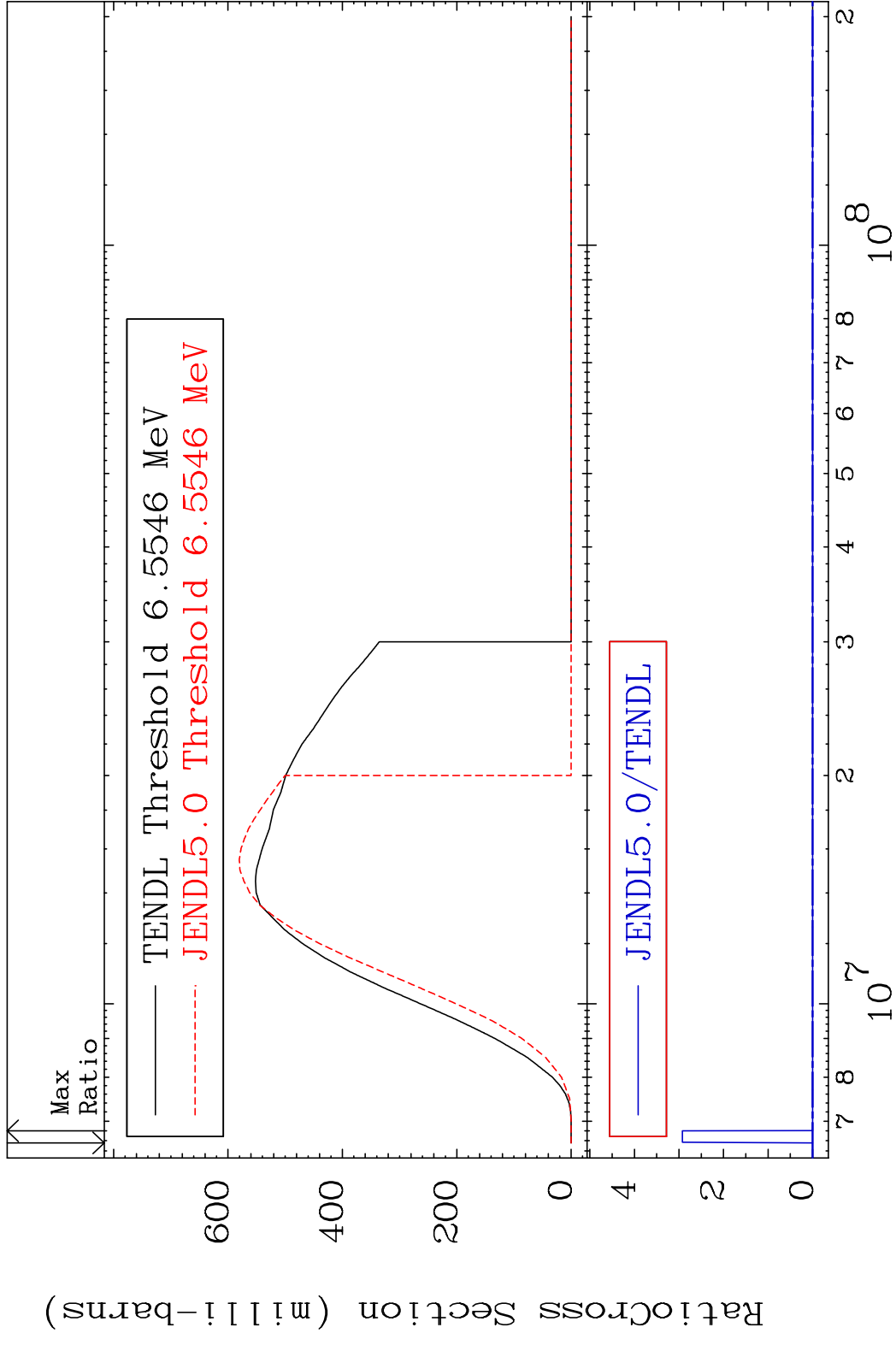
Incident Energy (eV)

17-Cl-35

MAT 1725 (n, n') α 17-Cl-35
 Cross Section -100.0 To 71.81 %



MAT 1725 (n, n') p 17-Cl-35
 Cross Section -100.0 To 9999. %

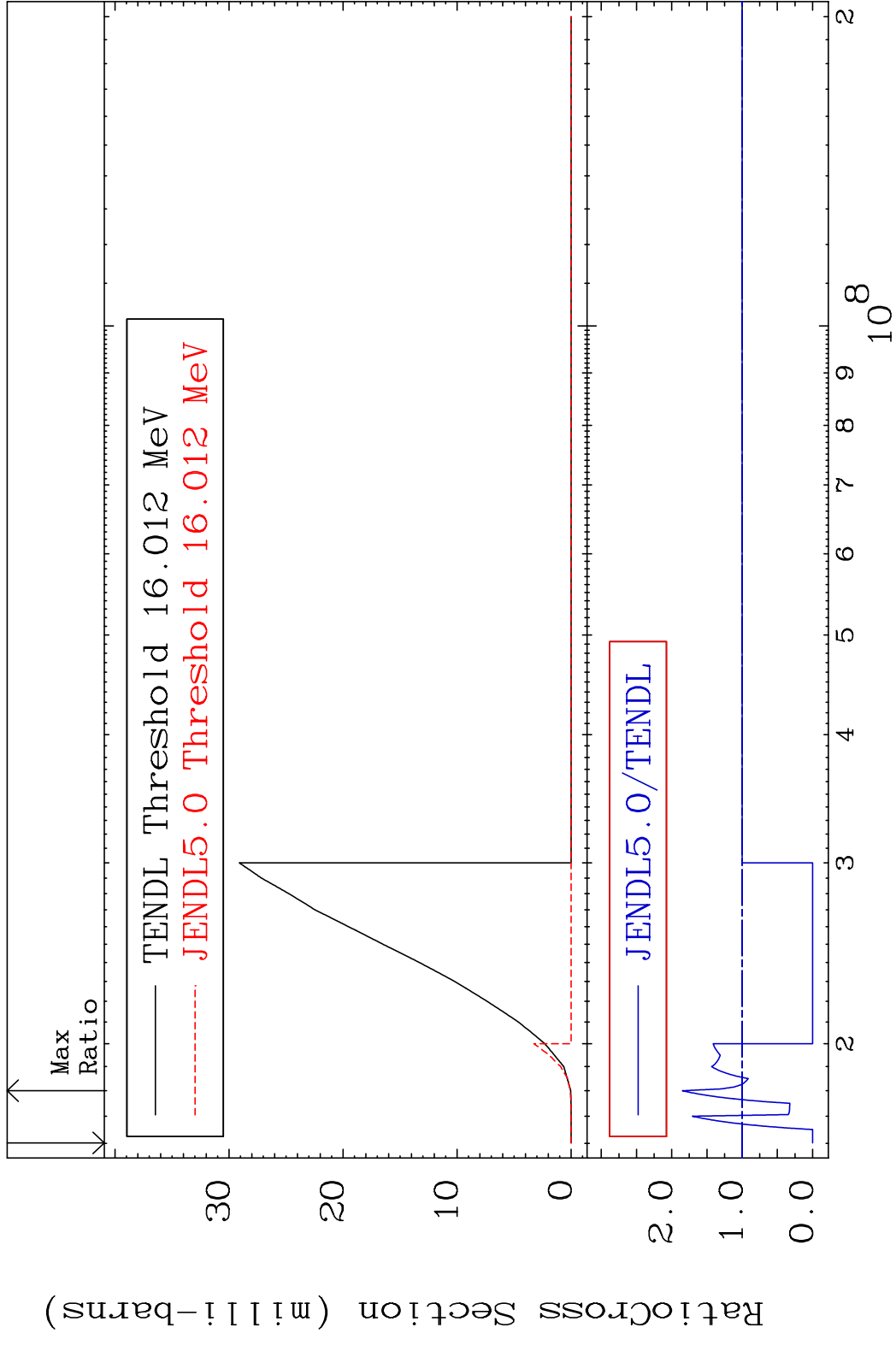


MAT 1725

(n, n') d

17-C1-35

Cross Section -100.0 To 84.89 %

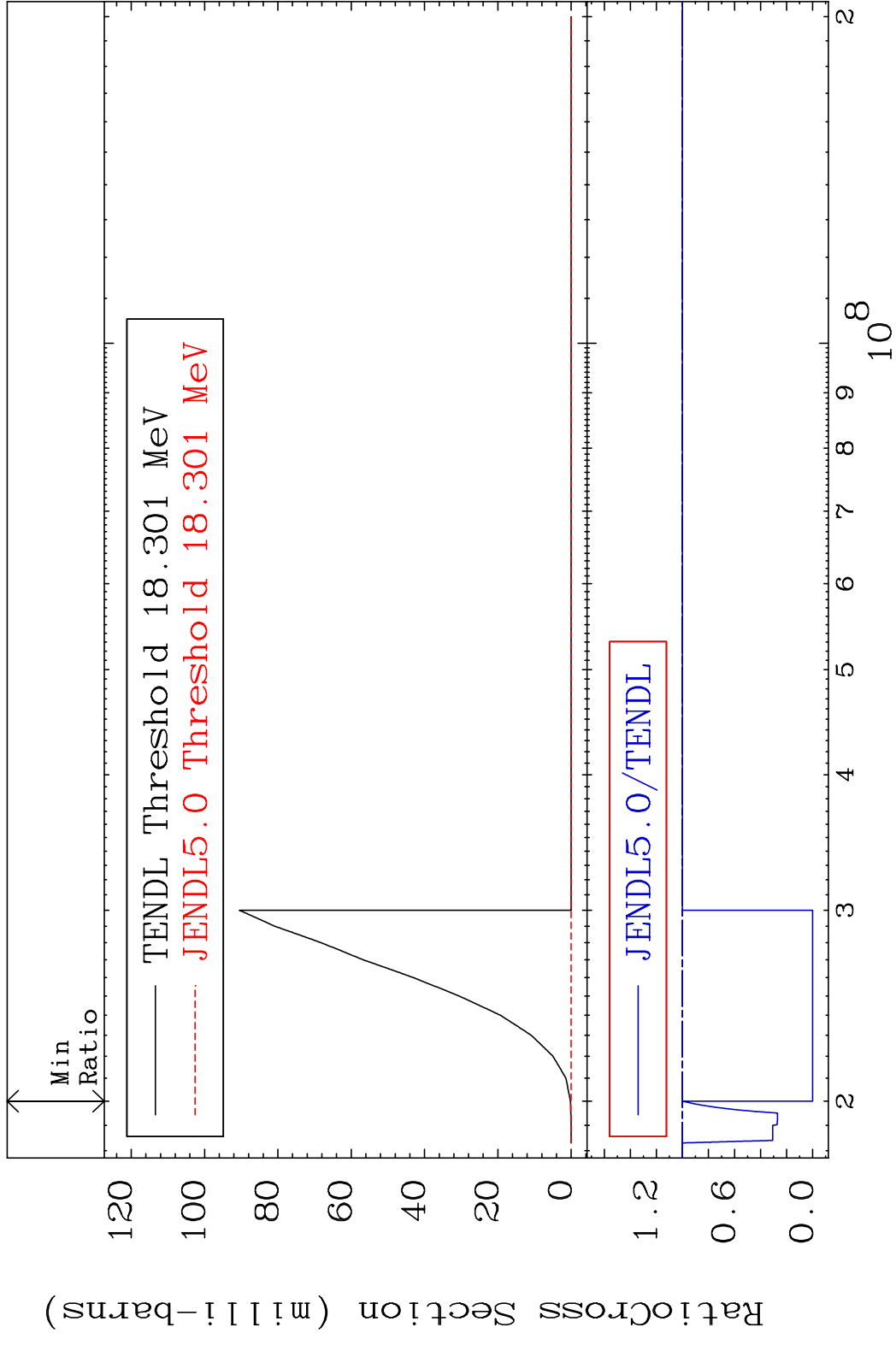


8

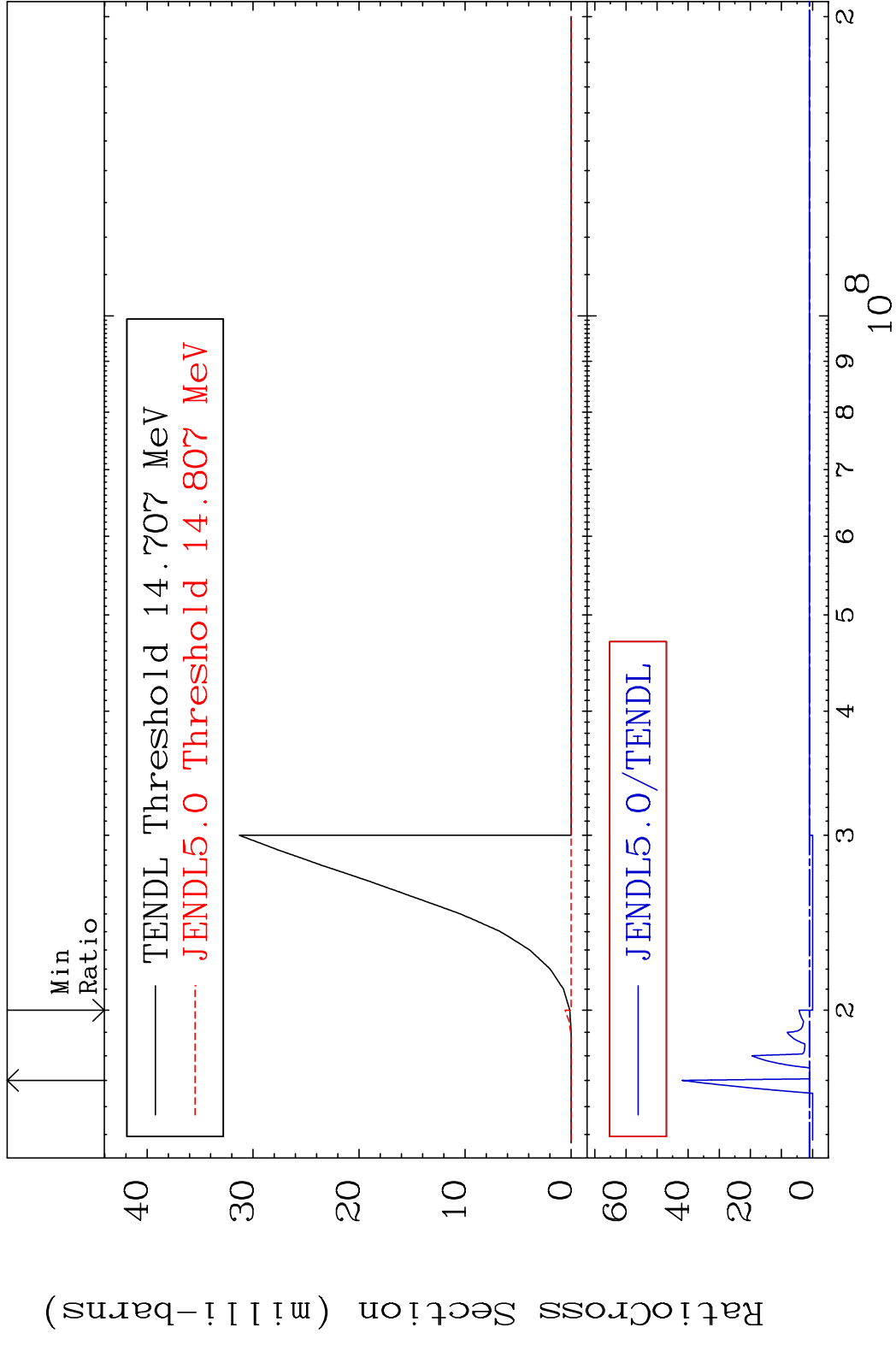
Incident Energy (eV)

17-C1-35

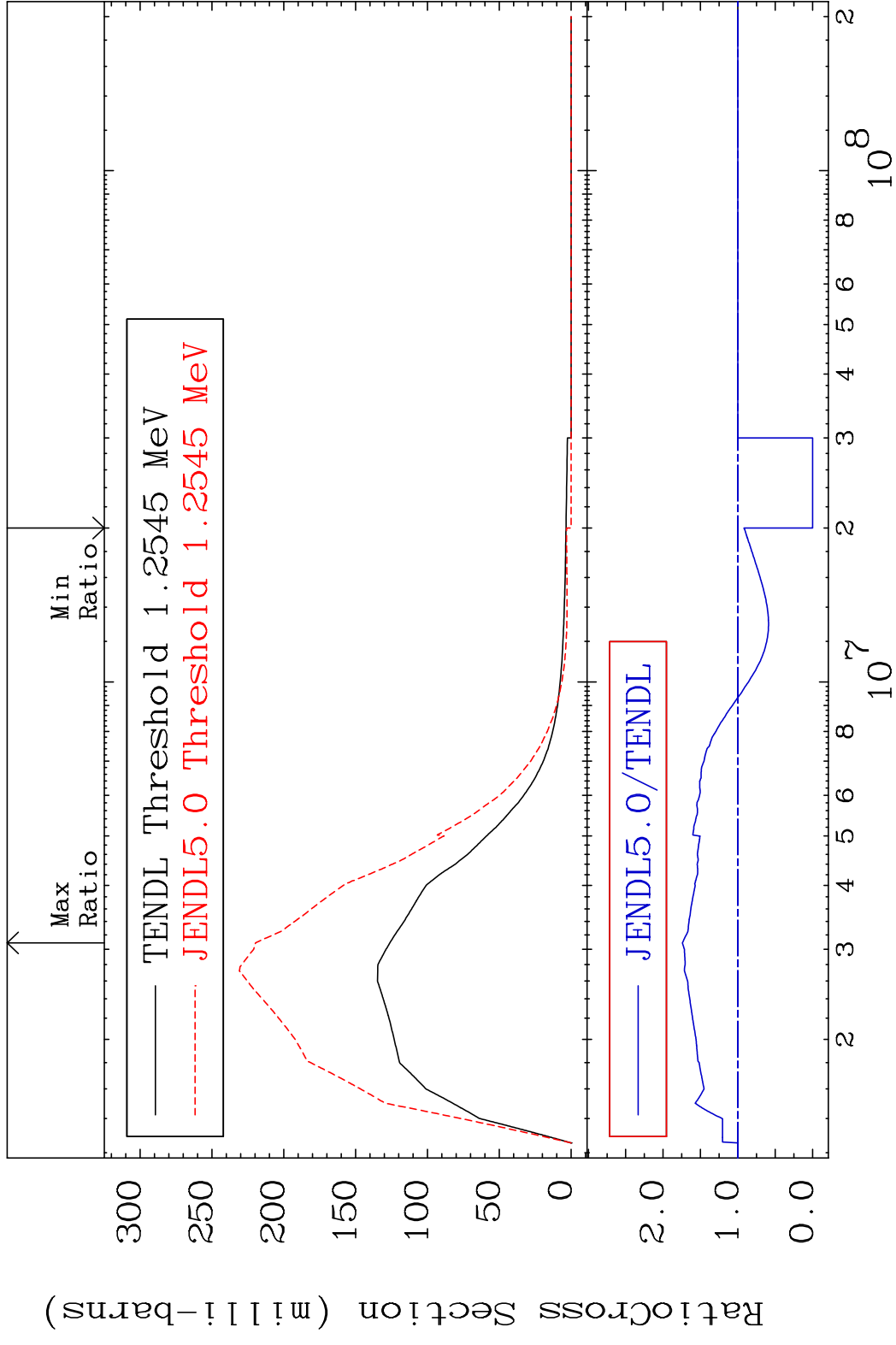
MAT 1725 (n,2n) p 17-Cl-35
 Cross Section -100.0 To 0.099 %



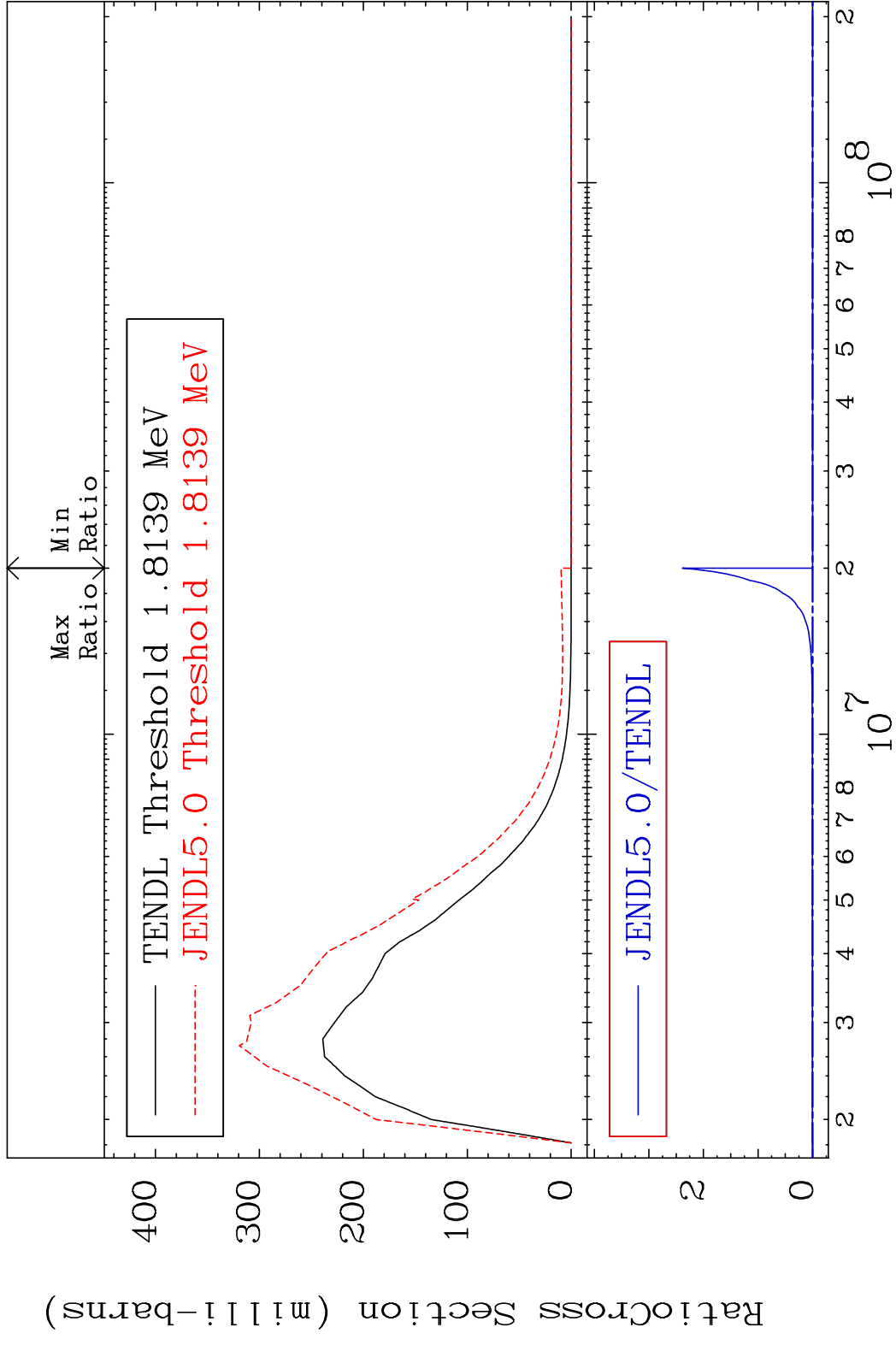
MAT 1725 (n,n') p α 17-C1-35
 Cross Section -100.0 To 4086. %



MAT 1725 MT= 51 (n, n') Level 17-C1-35
 Cross Section -100.0 To 74.21 %

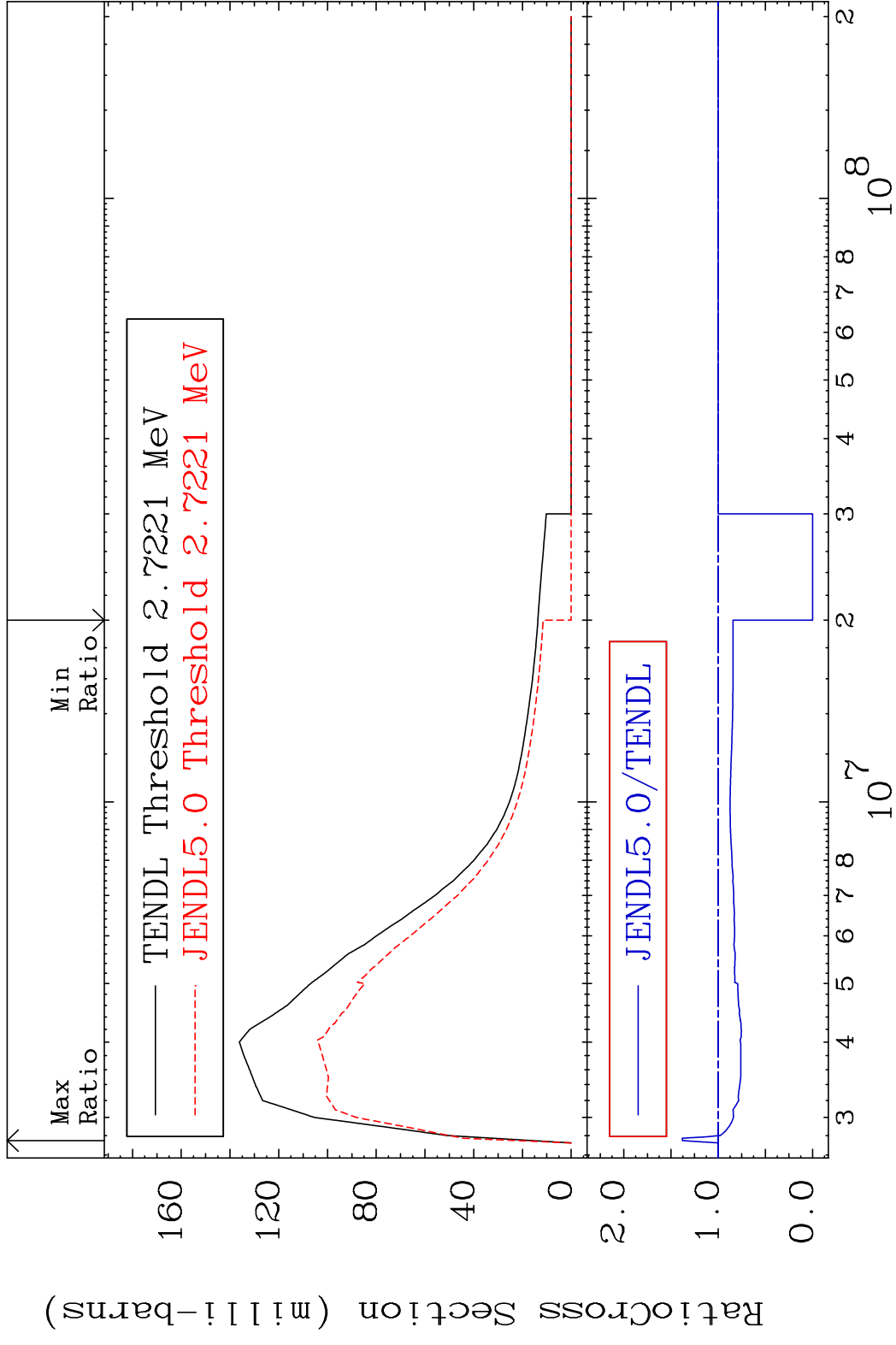


MAT 1725 MT= 52 (n, n') Level 17-Cl-35
 Cross Section -100.0 To 9999. %

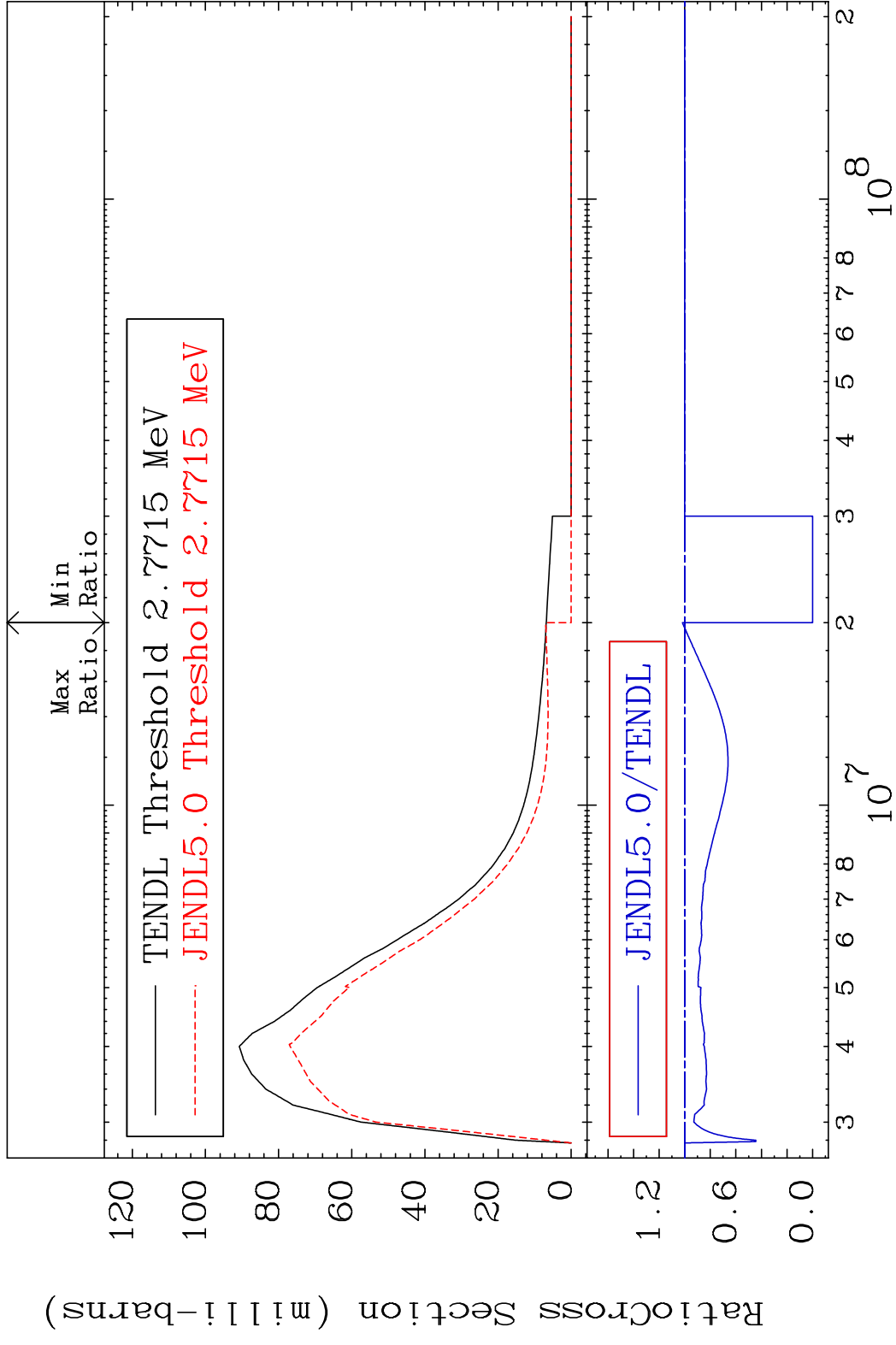


12 Incident Energy (eV) 17-Cl-35

MAT 1725 MT= 53 (n, n') Level 17-C1-35
 Cross Section -100.0 To 37.96 %

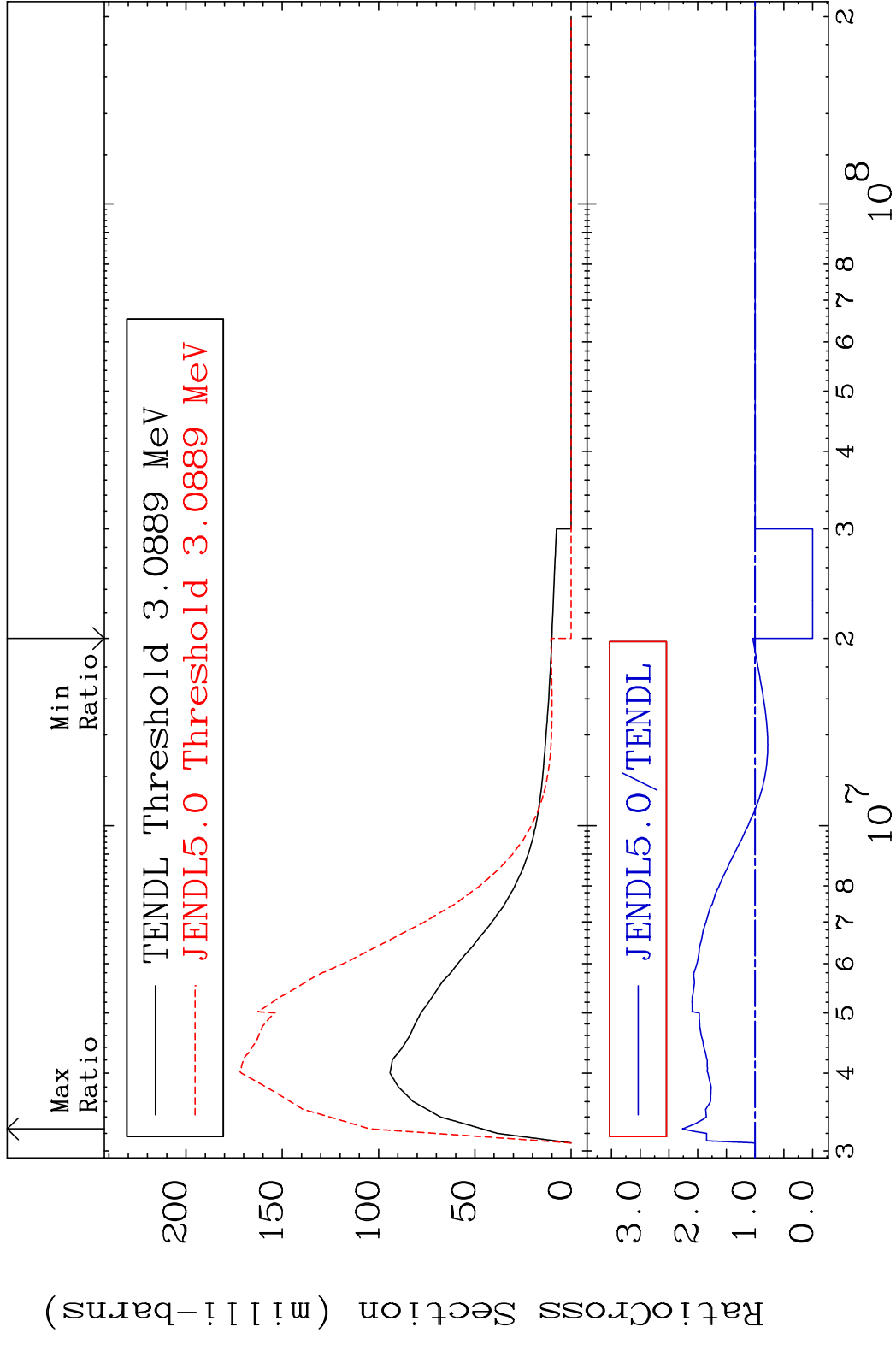


MAT 1725 MT= 54 (n, n') Level 17-Cl-35
 Cross Section -100.0 To 1.861 %

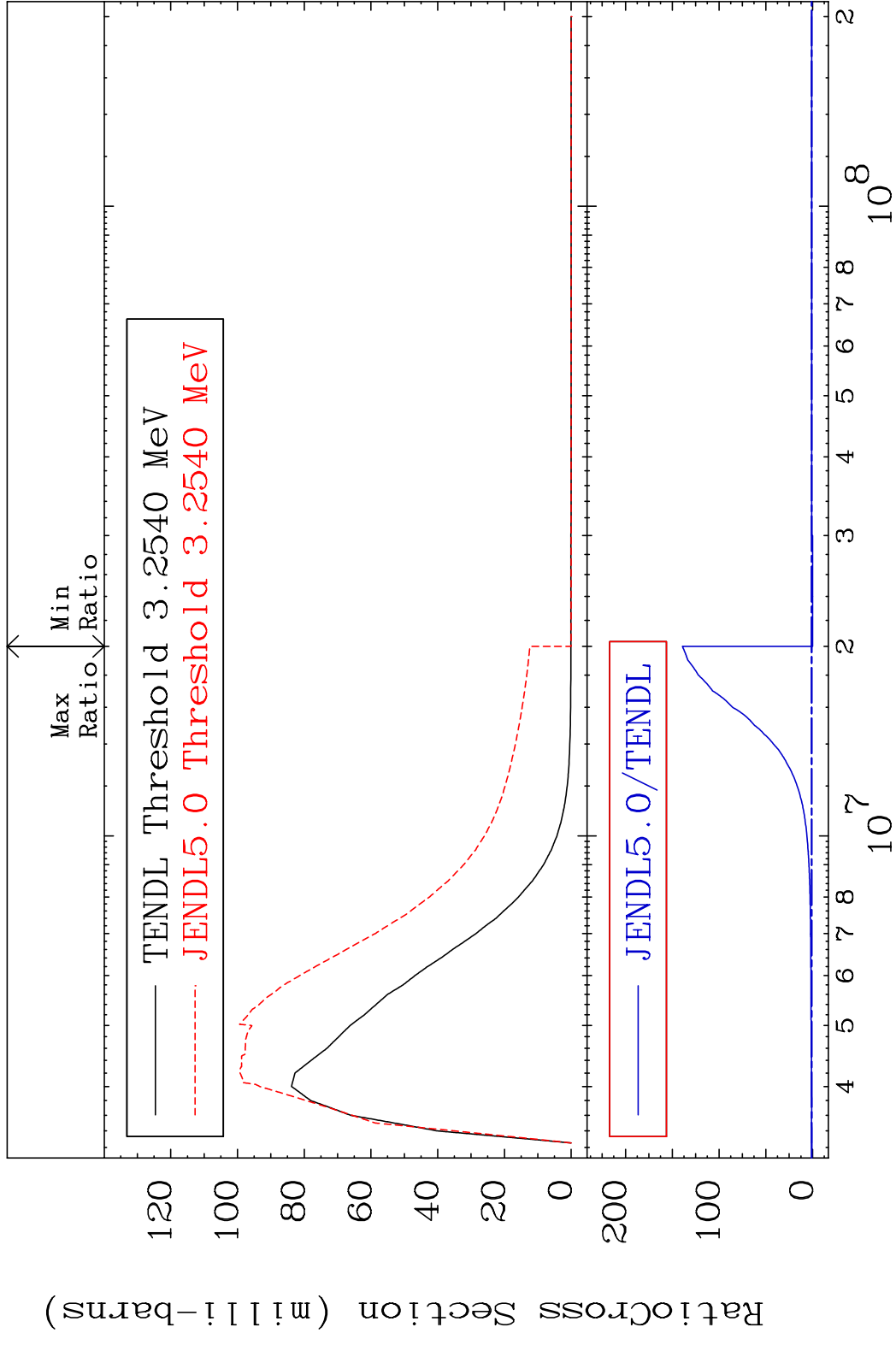


14 Incident Energy (eV) 17-Cl-35

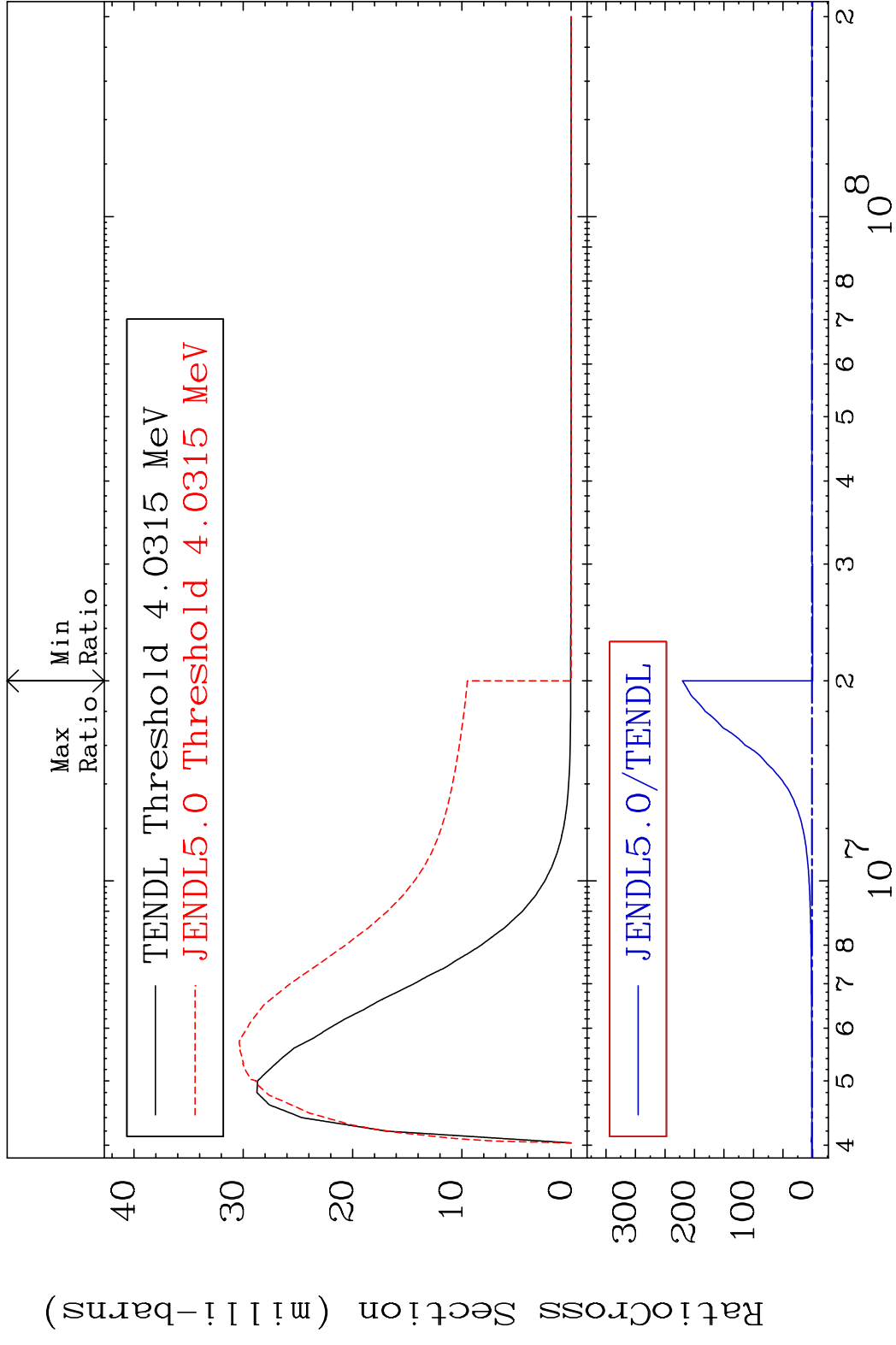
MAT 1725 MT= 55 (n,n') Level 17-C1-35
 Cross Section -100.0 To 126.6 %



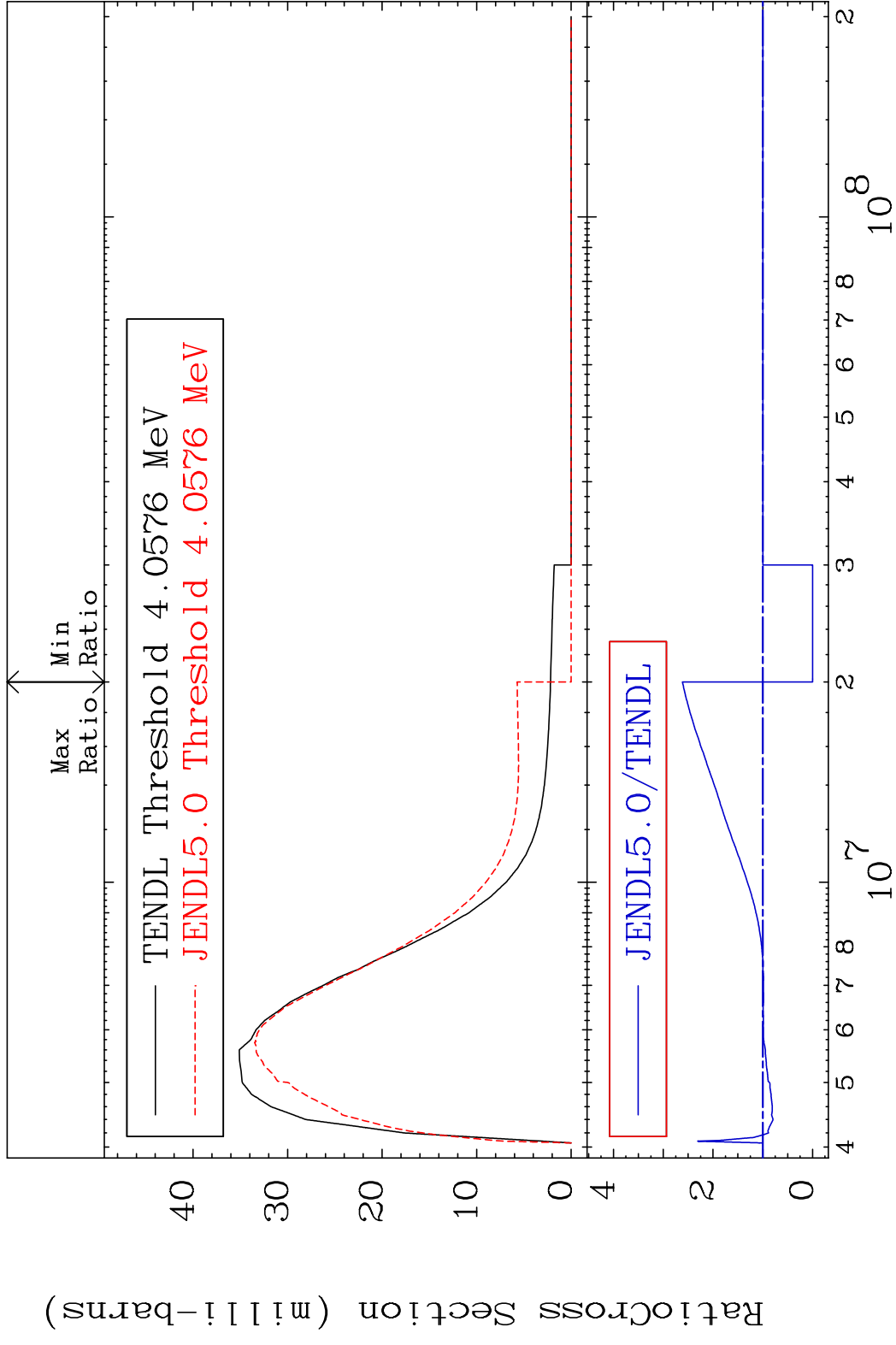
MAT 1725 MT= 56 (n, n') Level 17-C1-35
 Cross Section -100.0 To 9999. %



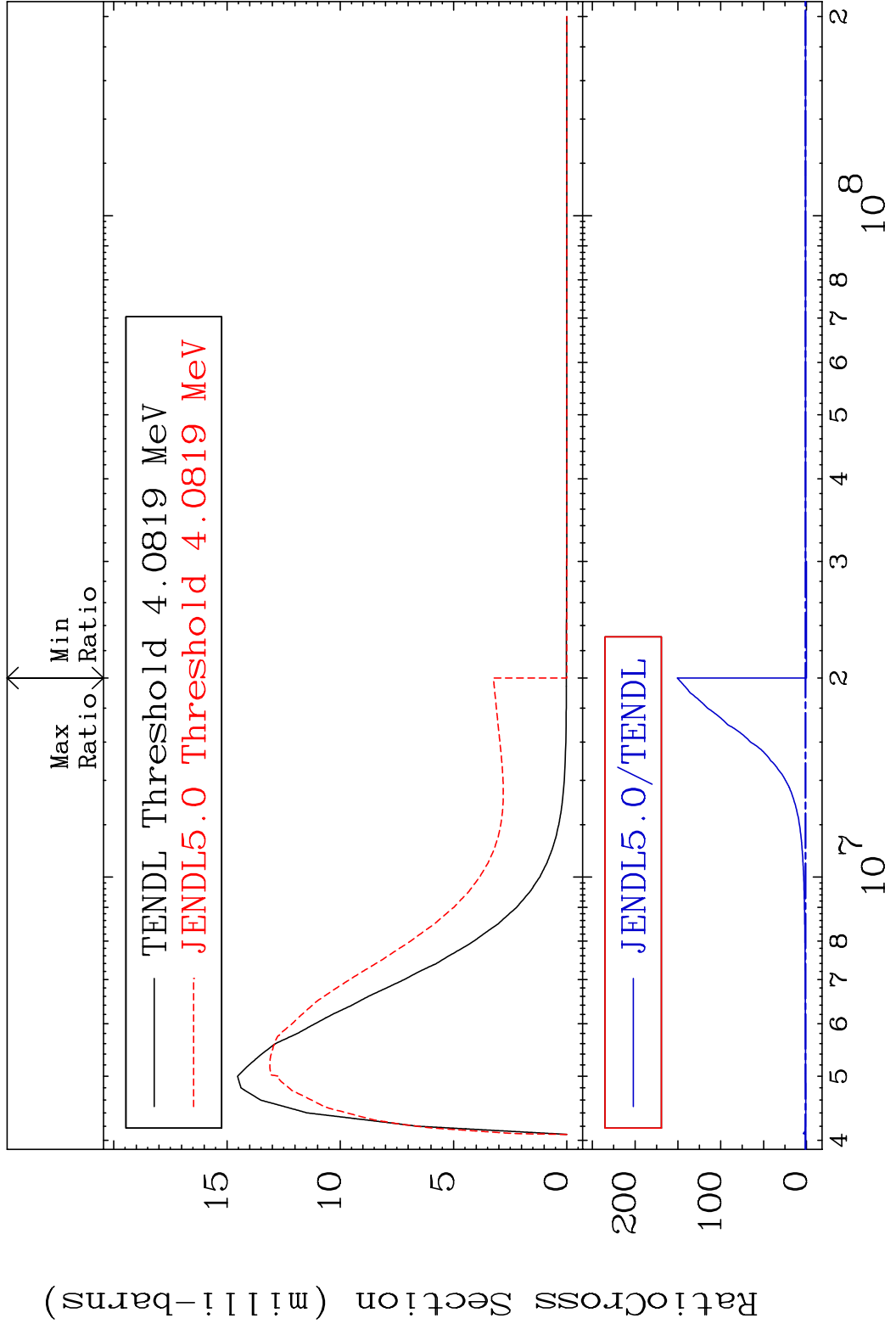
MAT 1725 MT= 57 (n, n') Level 17-C1-35
 Cross Section -100.0 To 9999. %



MAT 1725 MT= 58 (n, n') Level 17-C1-35
 Cross Section -100.0 To 161.6 %

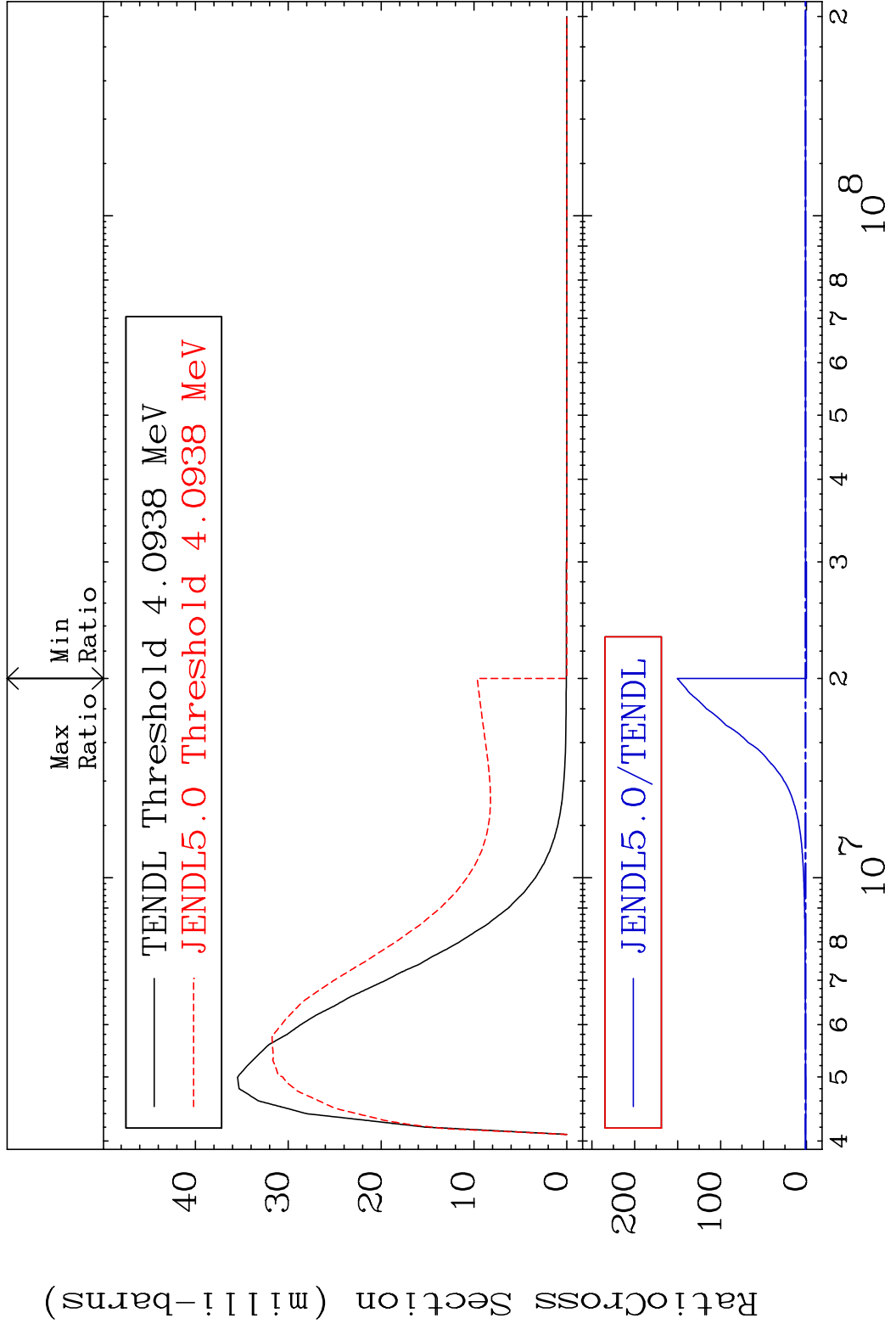


MAT 1725 MT= 59 (n, n') Level 17-Cl-35
 Cross Section -100.0 To 9999. %



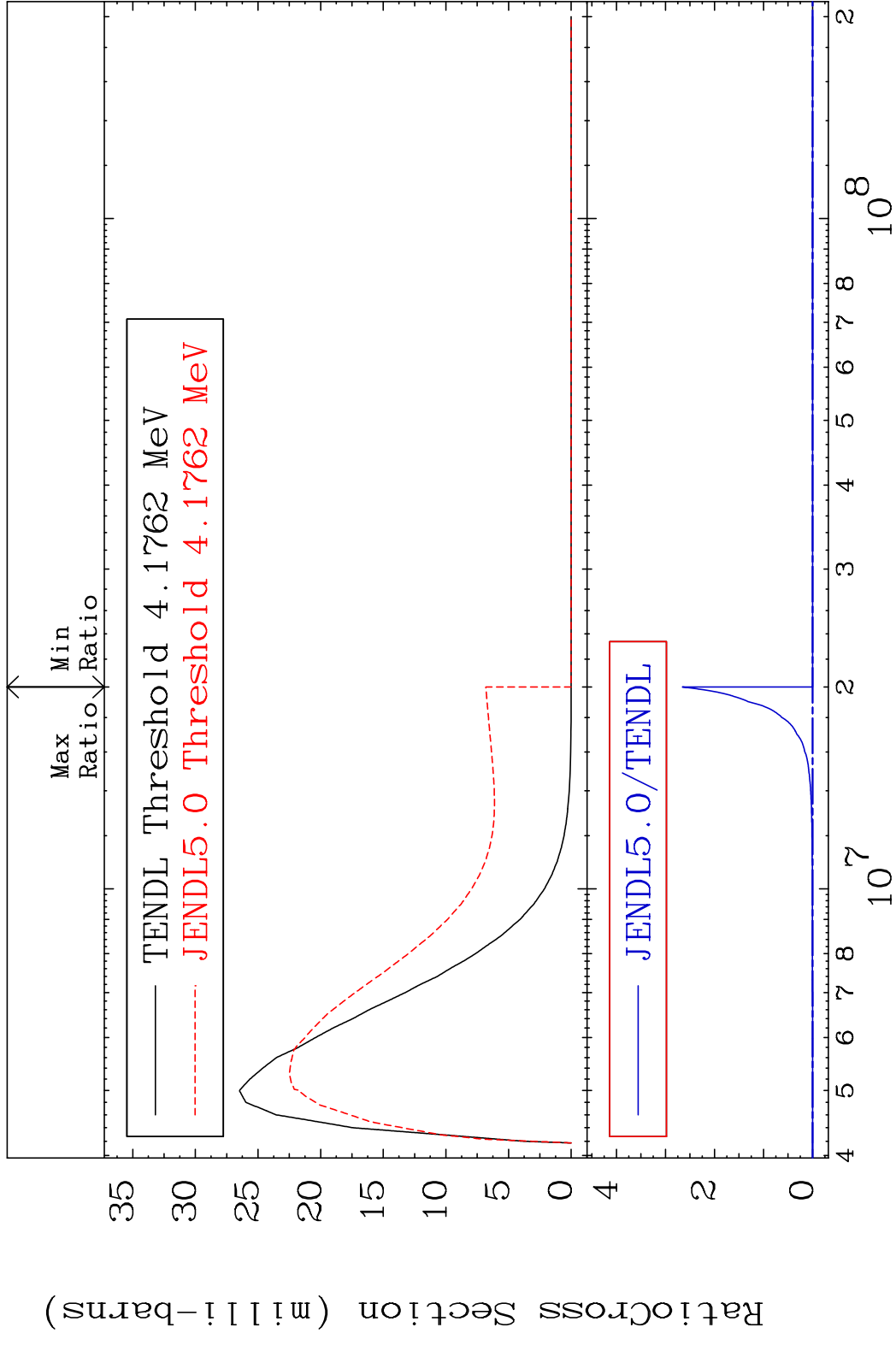
19 Incident Energy (eV) 17-Cl-35

MAT 1725 MT= 60 (n, n') Level 17-C1-35
 Cross Section -100.0 To 9999. %

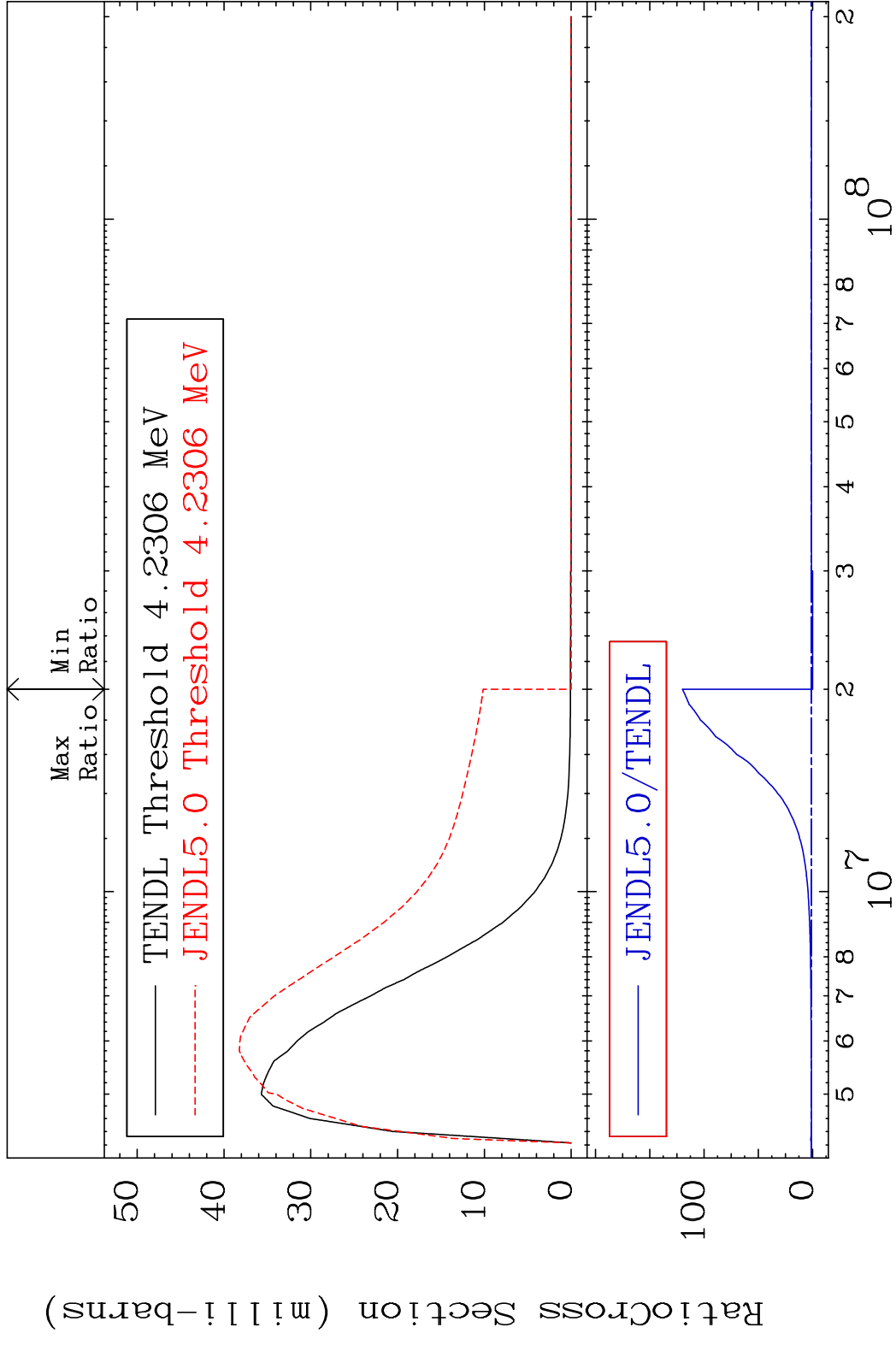


20 Incident Energy (eV) 17-C1-35

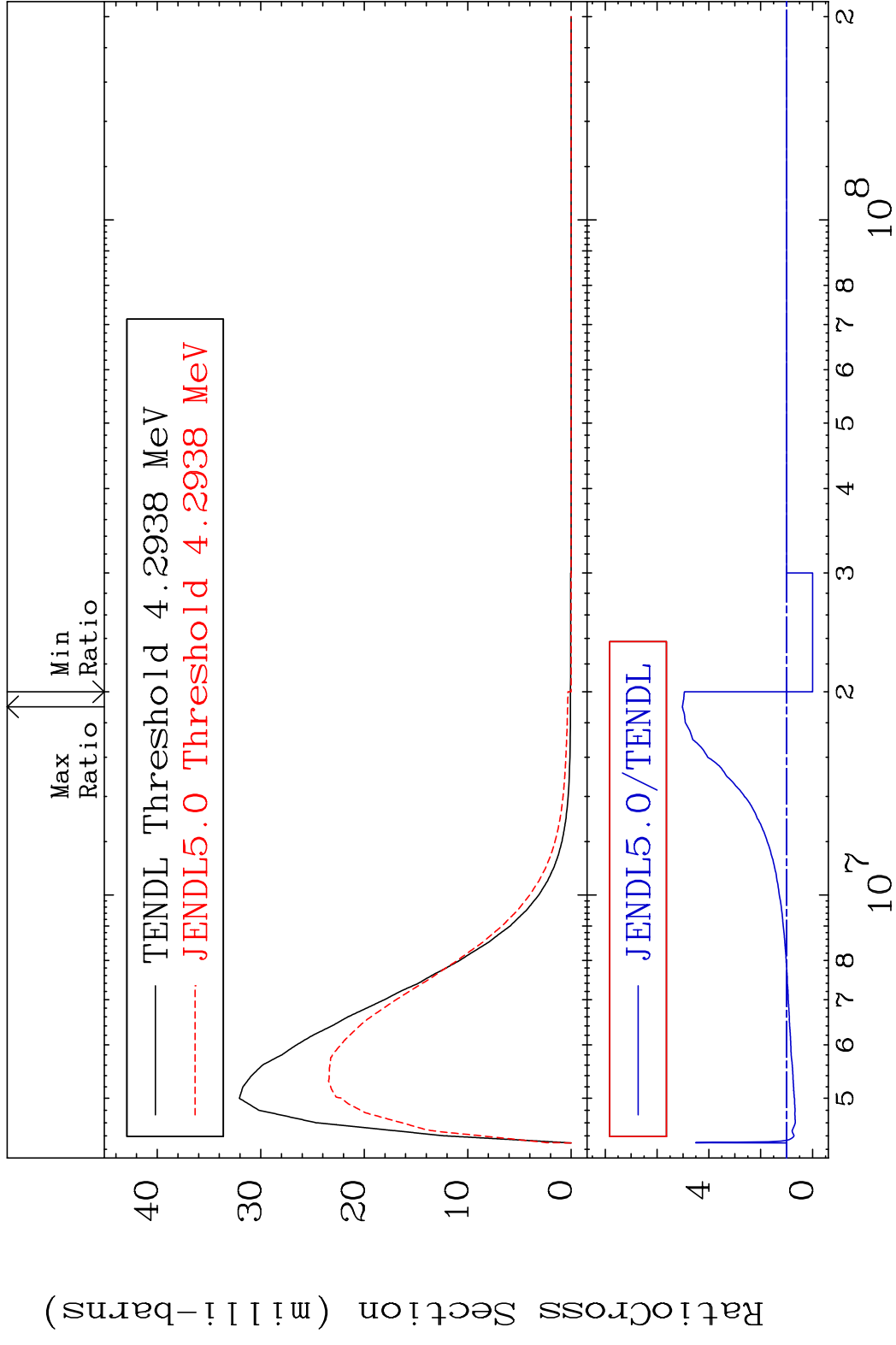
MAT 1725 MT= 61 (n, n') Level 17-C1-35
 Cross Section -100.0 To 9999. %



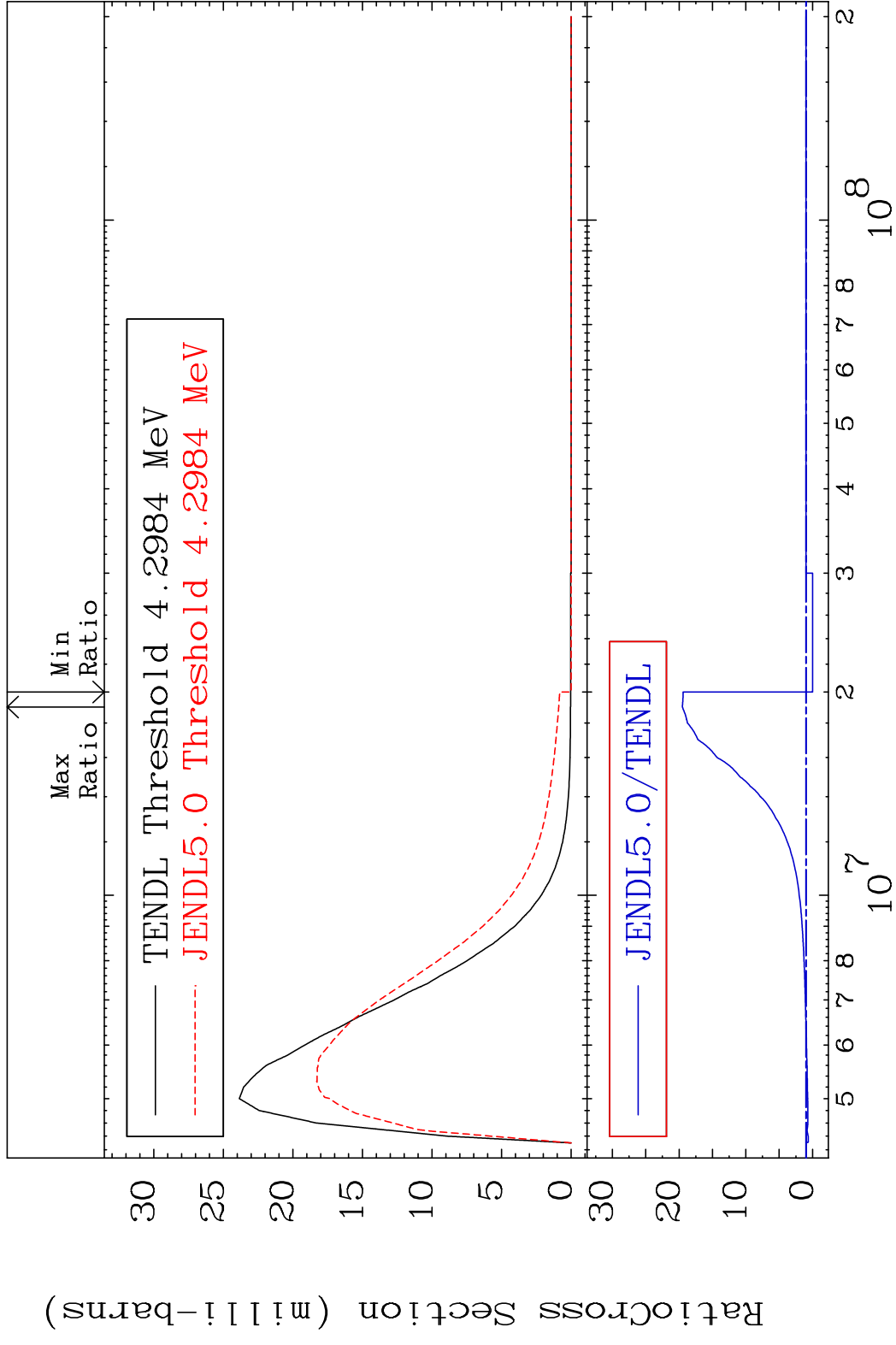
MAT 1725 MT= 62 (n, n') Level 17-C1-35
 Cross Section -100.0 To 9999. %



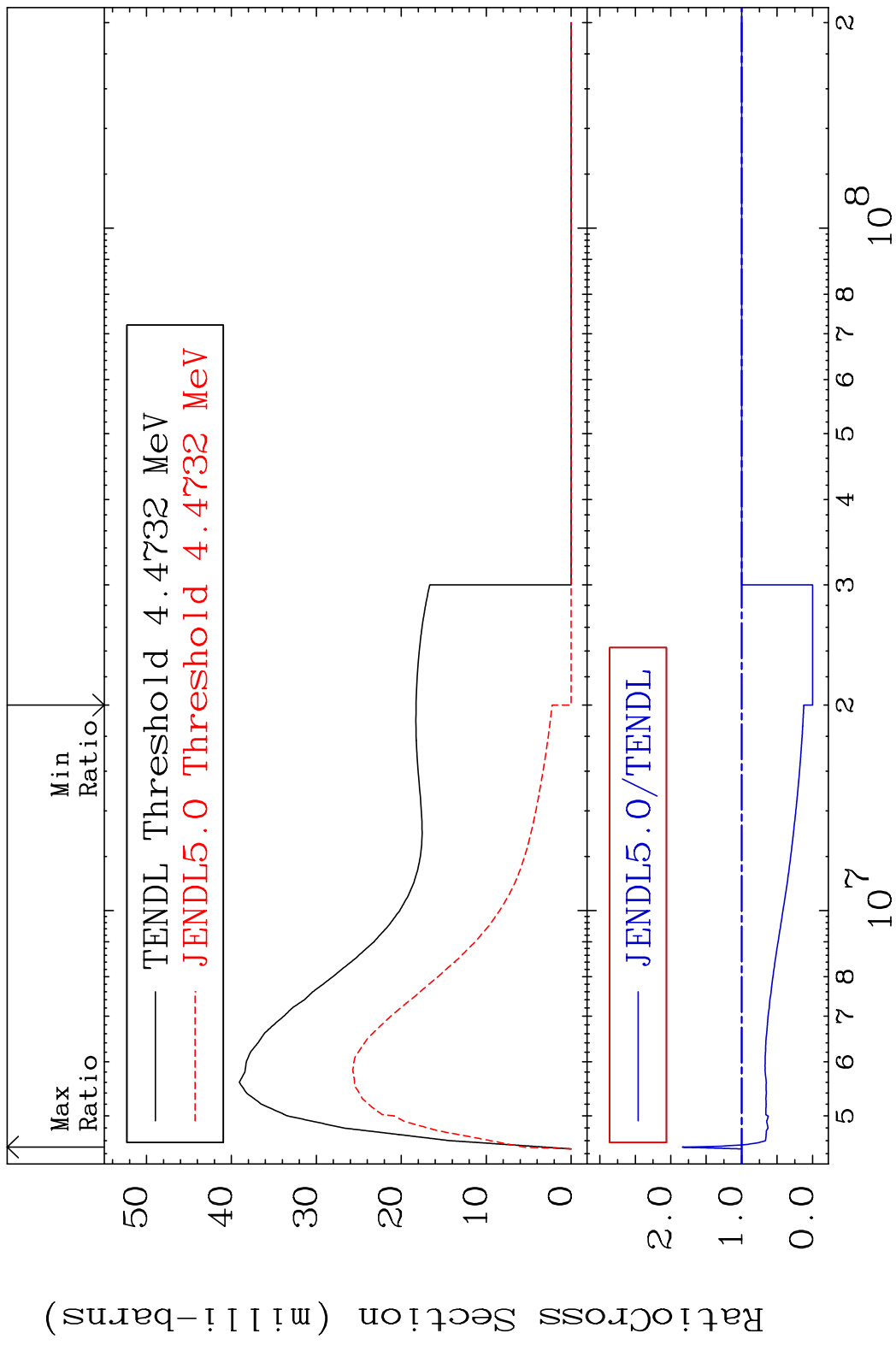
MAT 1725 MT= 63 (n, n') Level 17-C1-35
 Cross Section -100.0 To 402.3 %



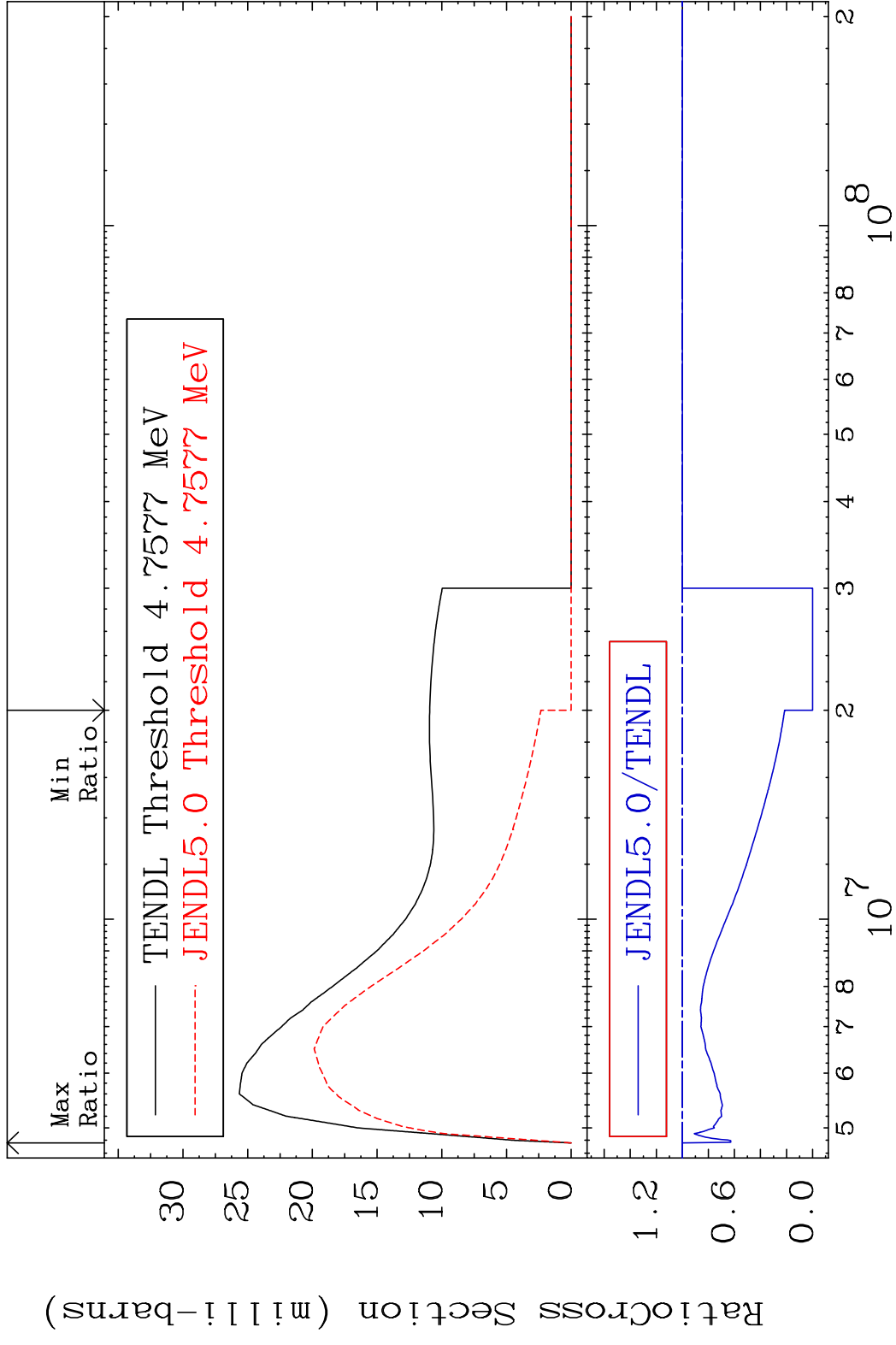
MAT 1725 MT= 64 (n,n') Level 17-Cl-35
 Cross Section -100.0 To 1851. %



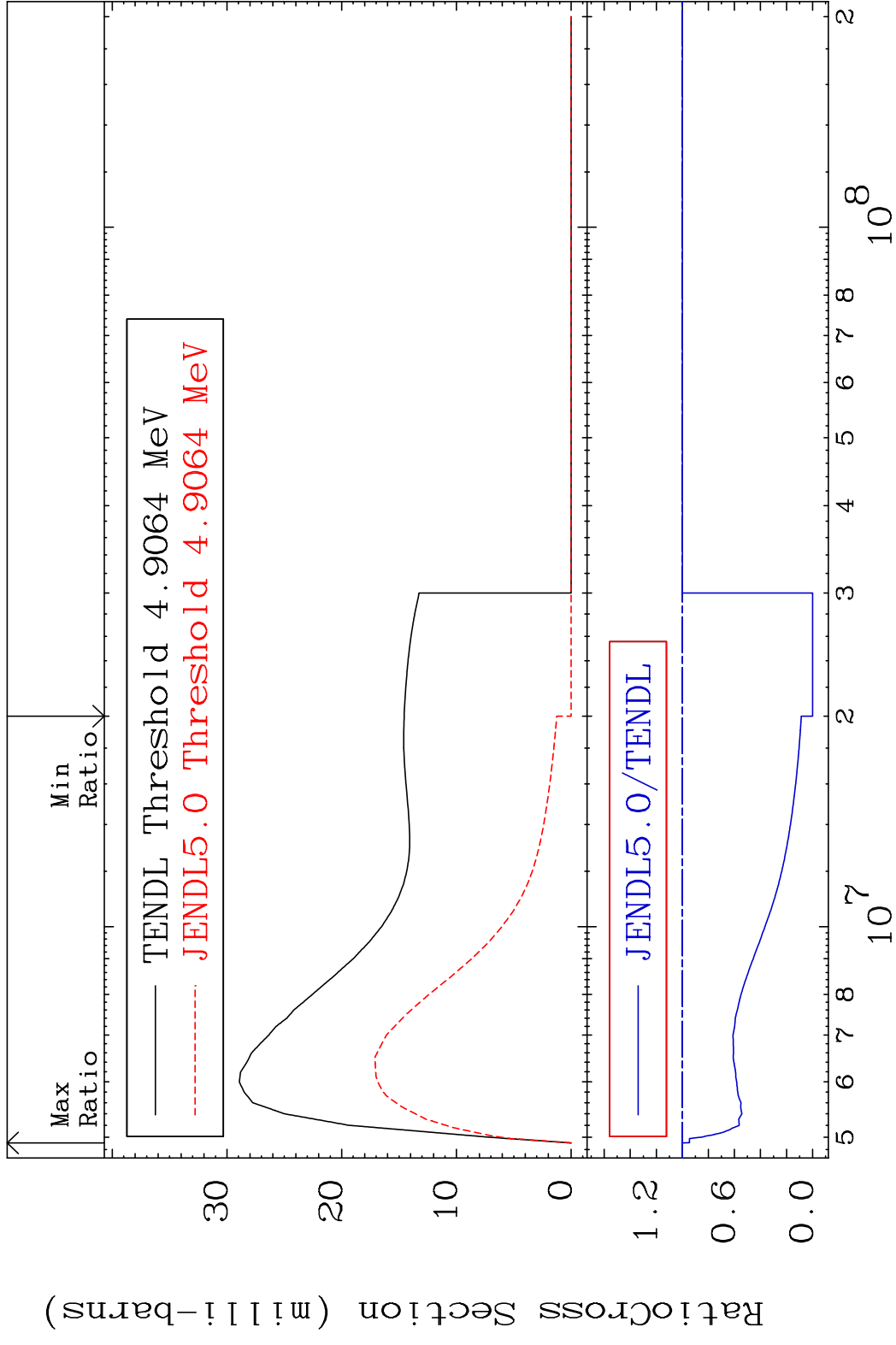
MAT 1725 MT= 65 (n, n') Level 17-C1-35
 Cross Section -100.0 To 83.65 %



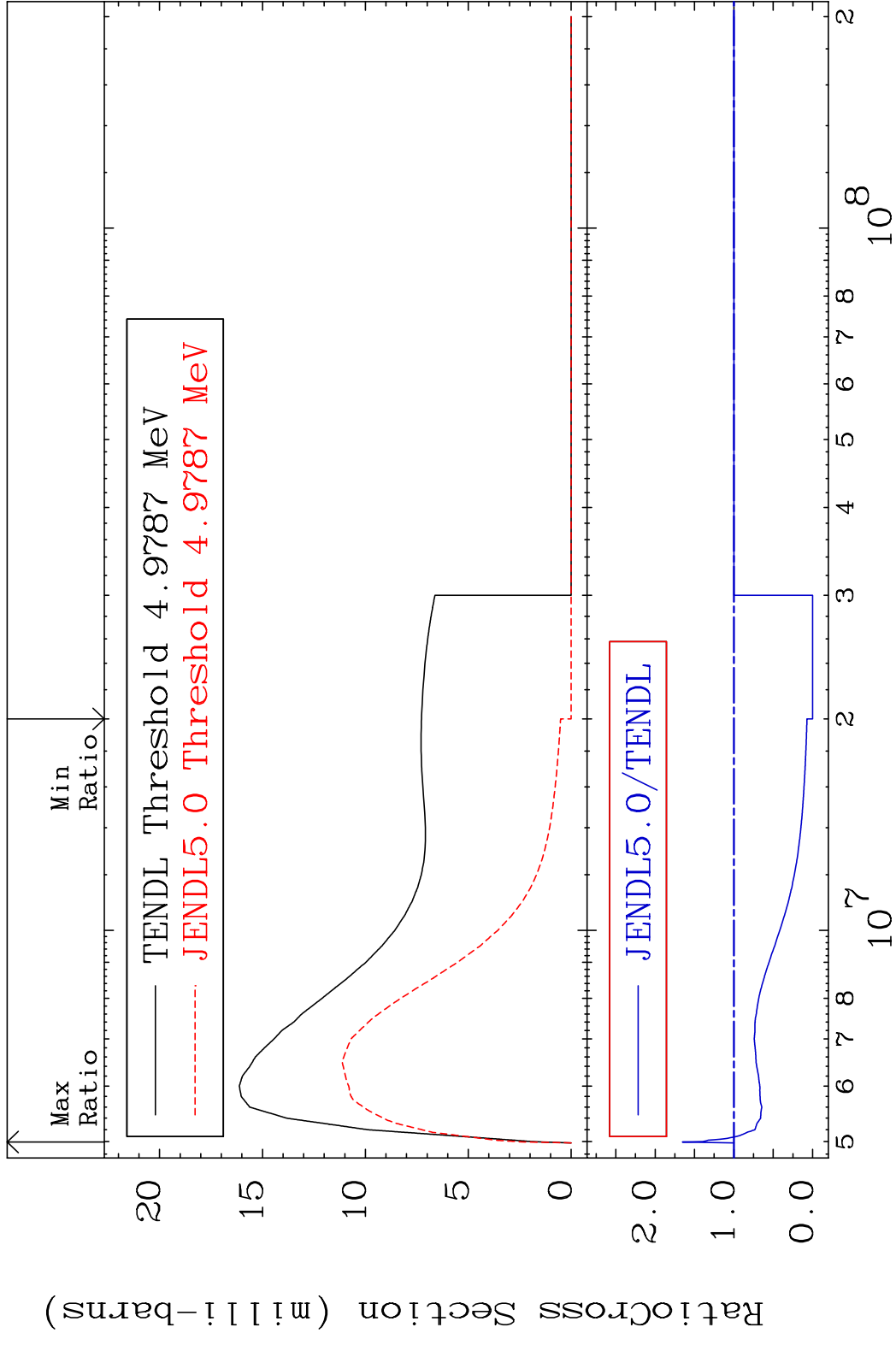
MAT 1725 MT= 66 (n, n') Level 17-C1-35
 Cross Section -100.0 To 0.000 %



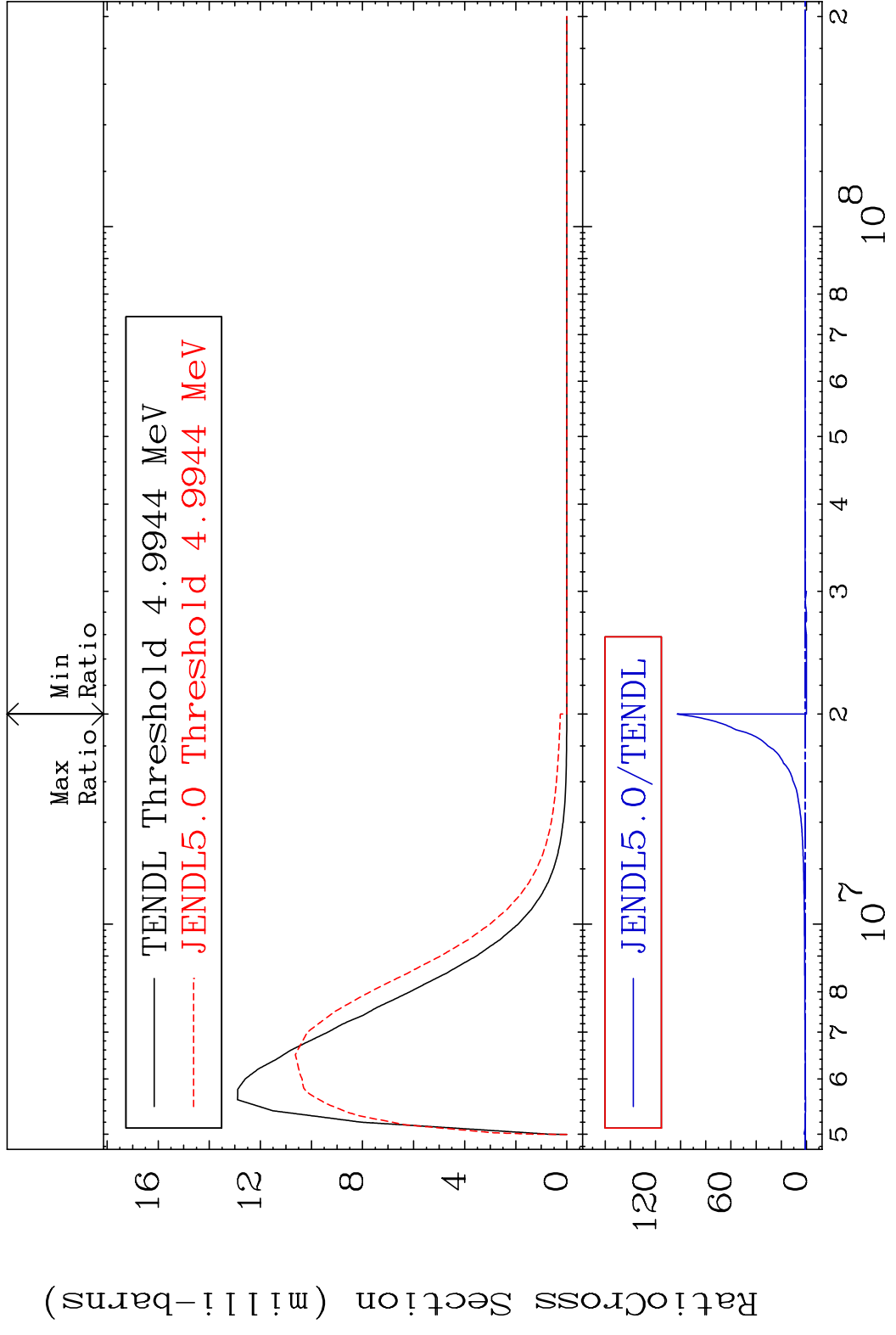
MAT 1725 MT= 67 (n, n') Level 17-C1-35
 Cross Section -100.0 To 0.000 %



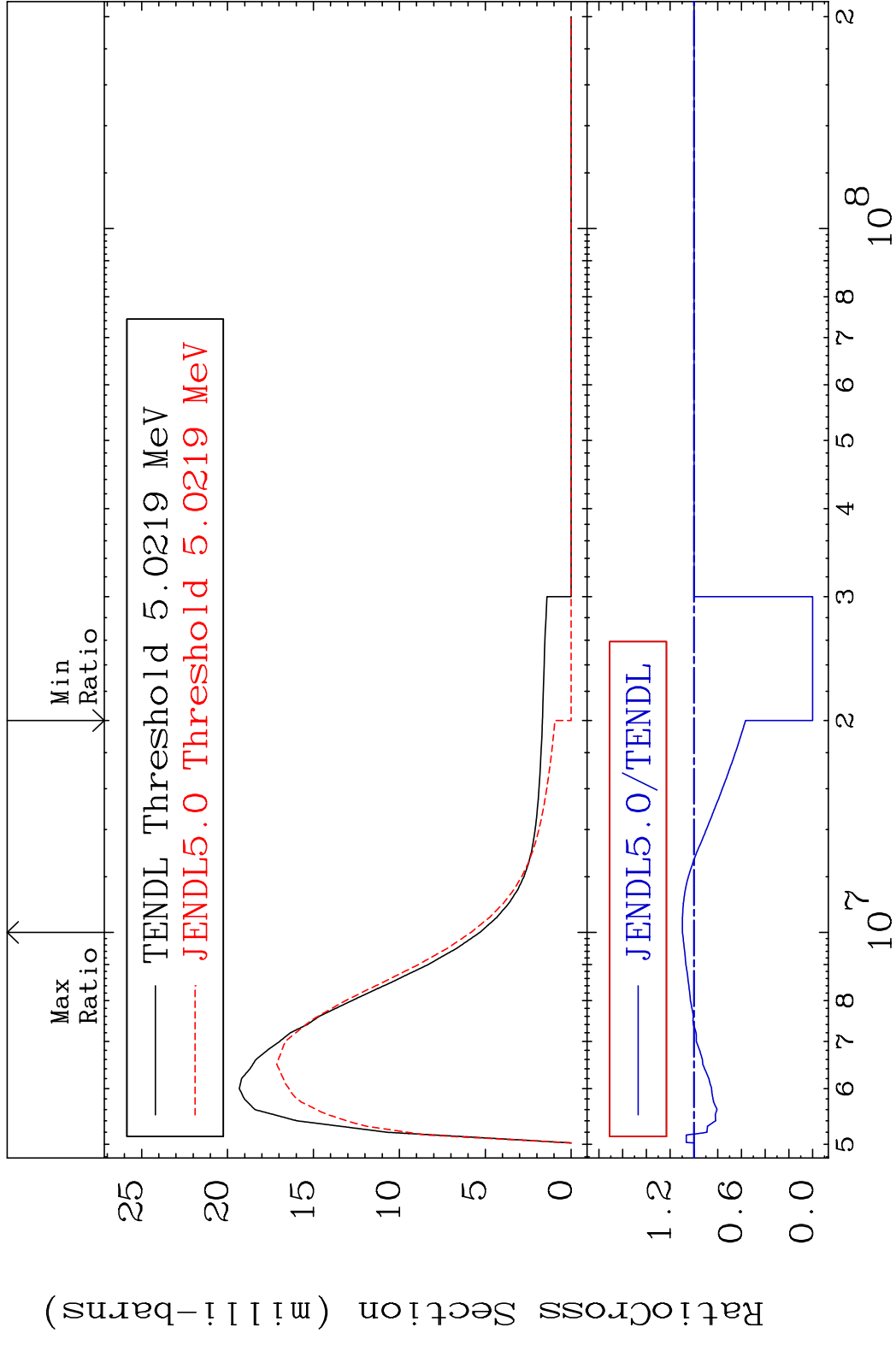
MAT 1725 MT= 68 (n, n') Level 17-C1-35
 Cross Section -100.0 To 65.47 %



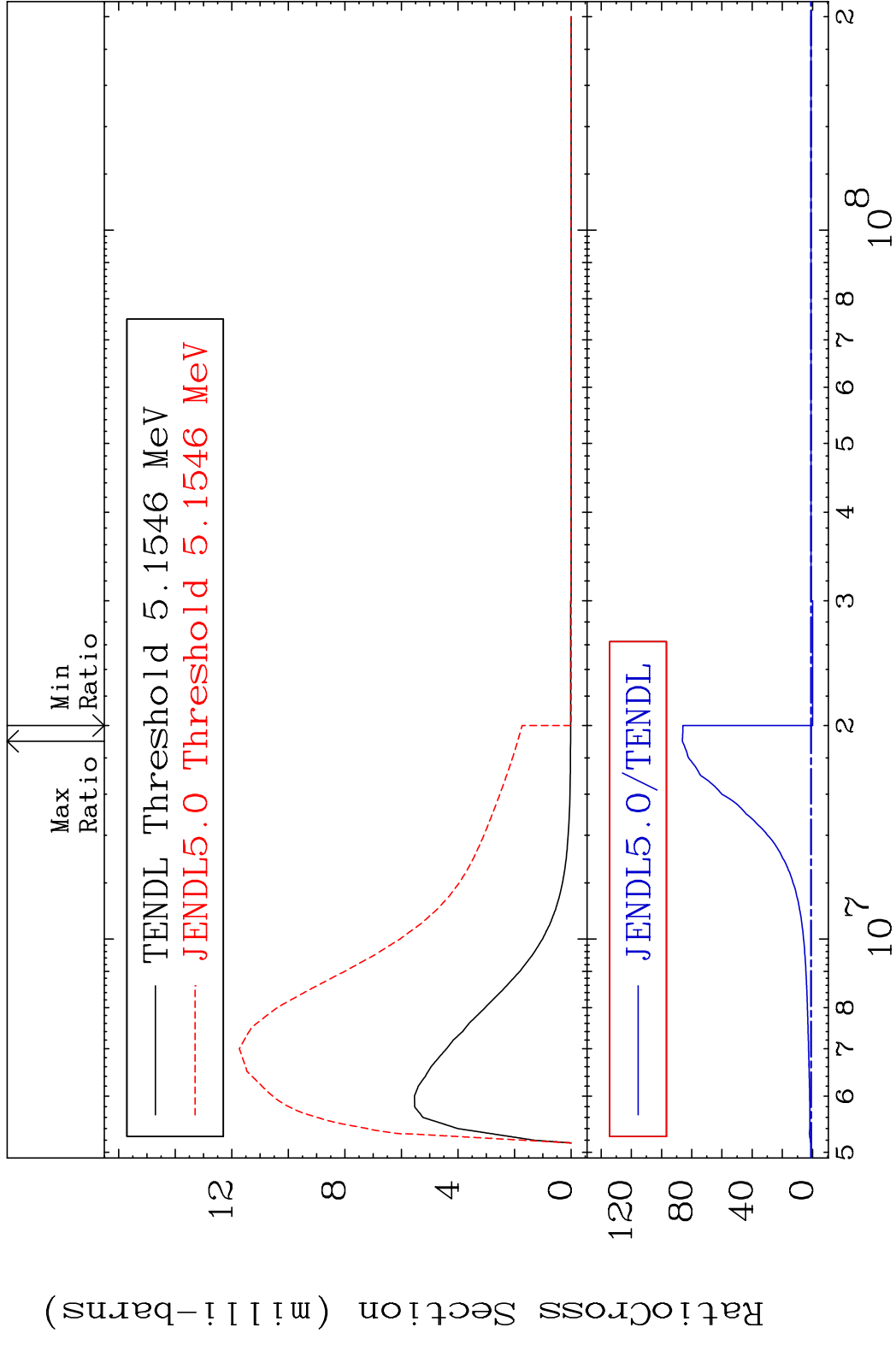
MAT 1725 MT= 69 (n, n') Level 17-C1-35
 Cross Section -100.0 To 9999. %



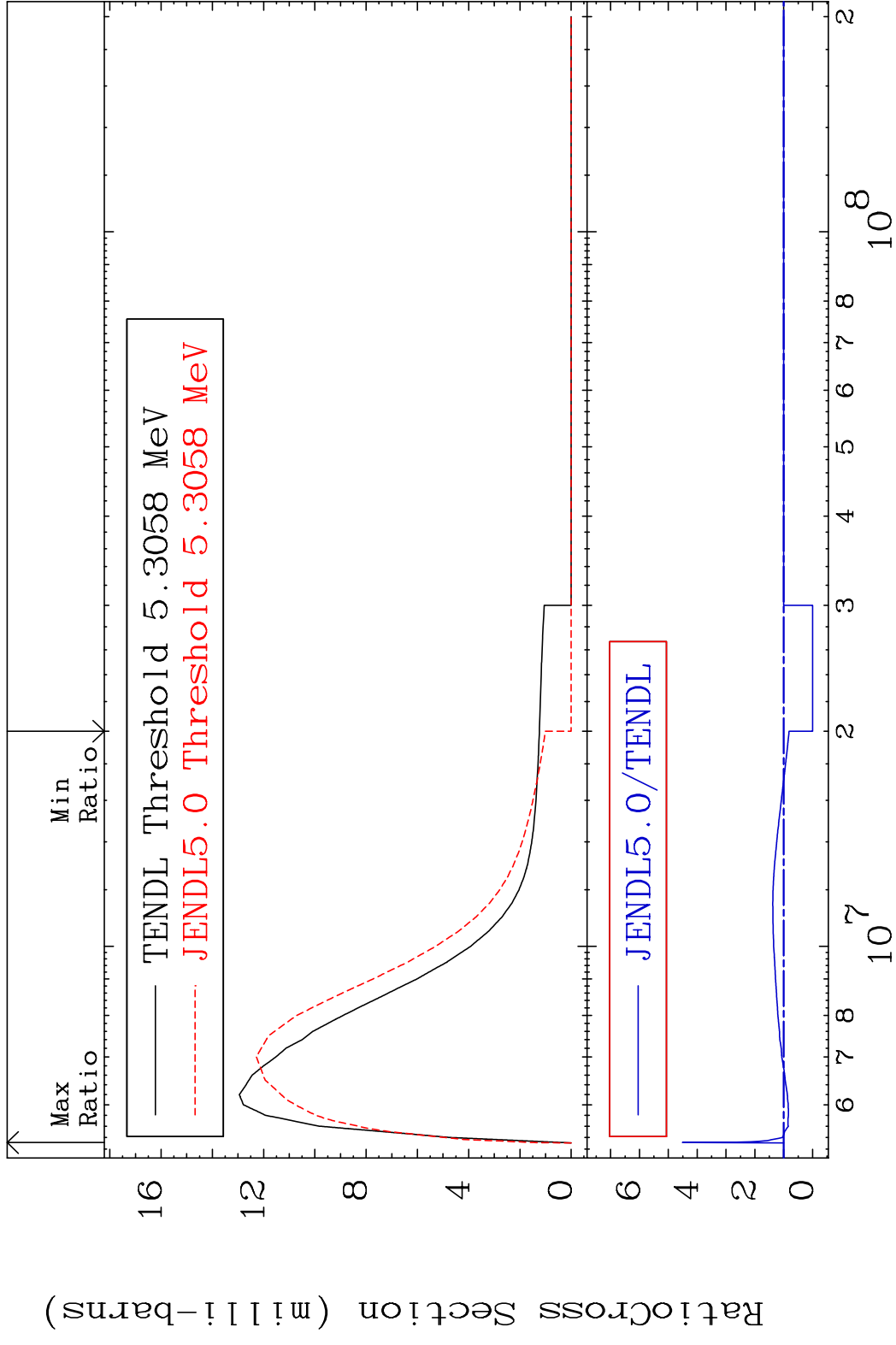
MAT 1725 MT= 70 (n, n') Level 17-C1-35
 Cross Section -100.0 To 9.745 %



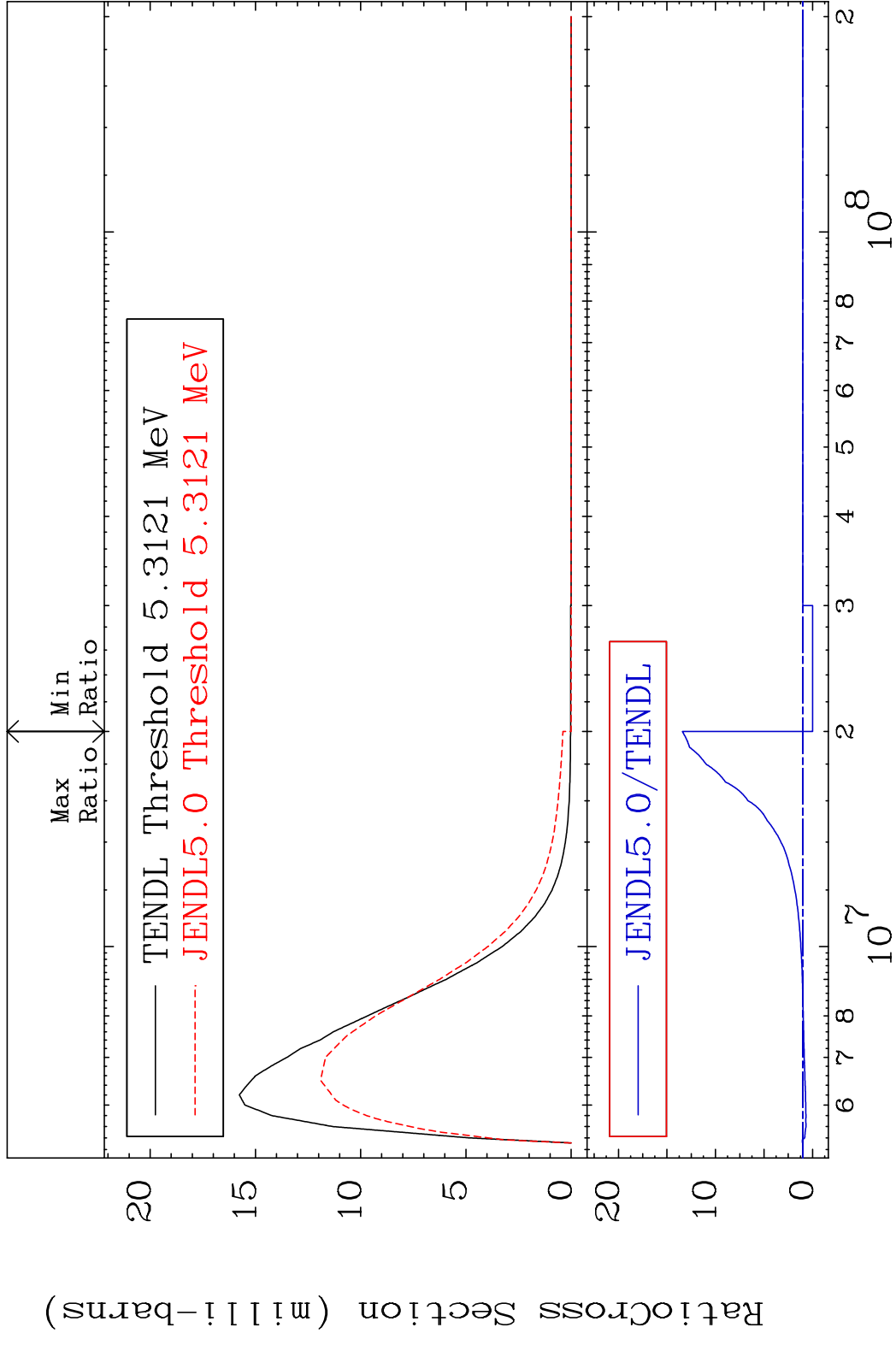
MAT 1725 MT= 71 (n,n') Level 17-C1-35
 Cross Section -100.0 To 8522. %



MAT 1725 MT= 72 (n, n') Level 17-C1-35
 Cross Section -100.0 To 351.4 %

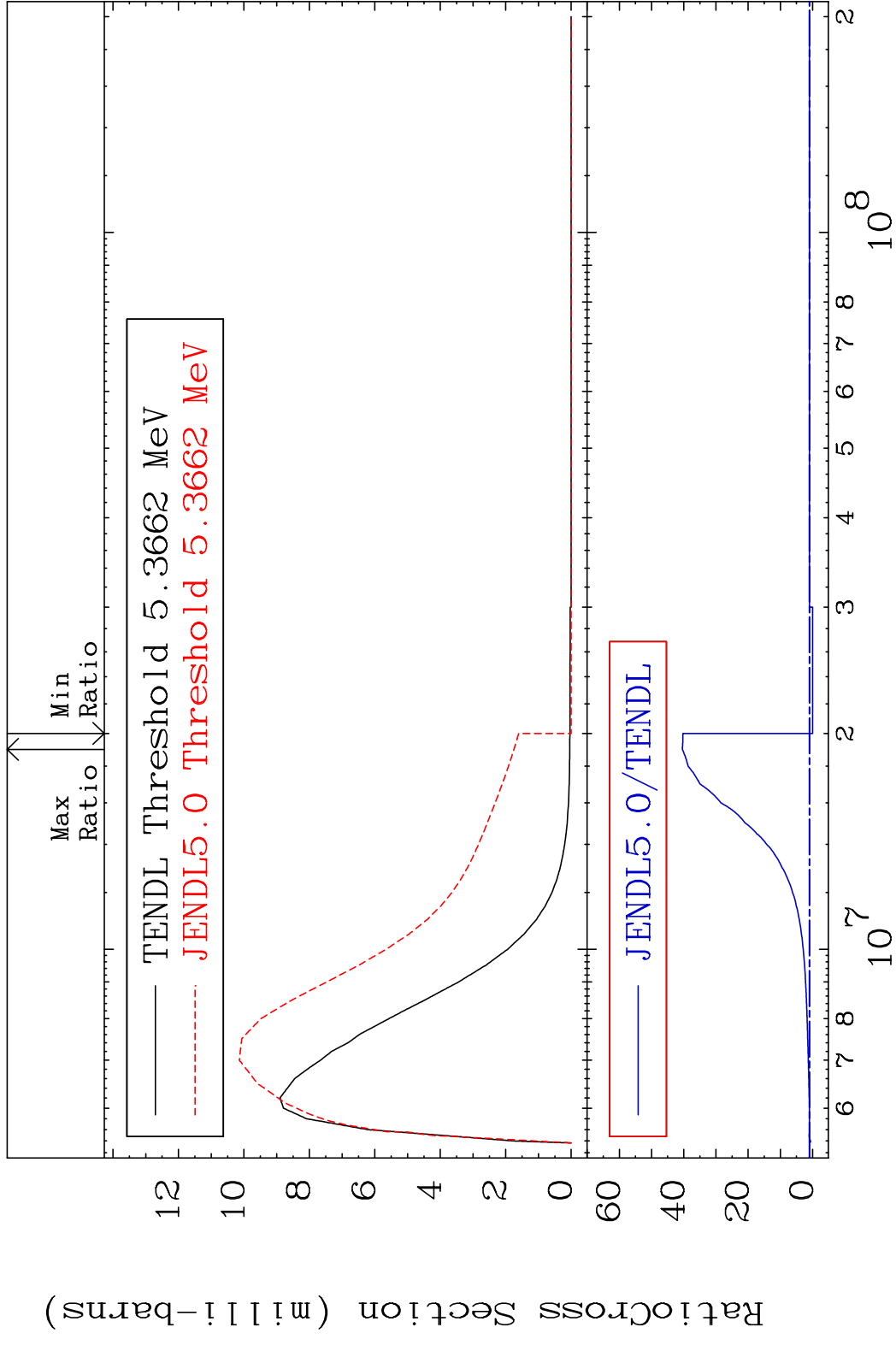


MAT 1725 MT= 73 (n, n') Level 17-Cl-35
 Cross Section -100.0 To 1241. %

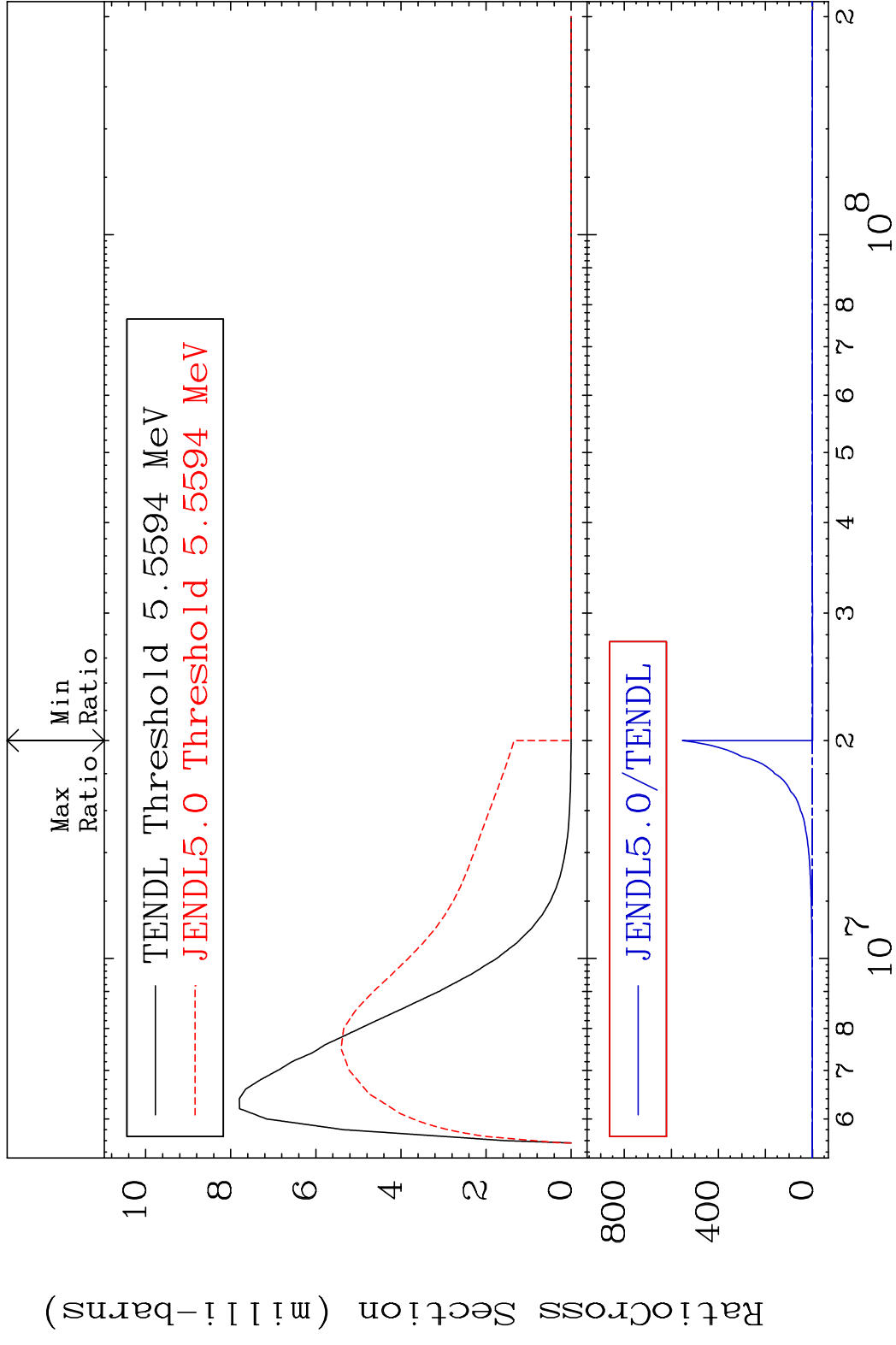


33 Incident Energy (eV) 17-Cl-35

MAT 1725 MT= 74 (n,n') Level 17-C1-35
 Cross Section -100.0 To 3944. %

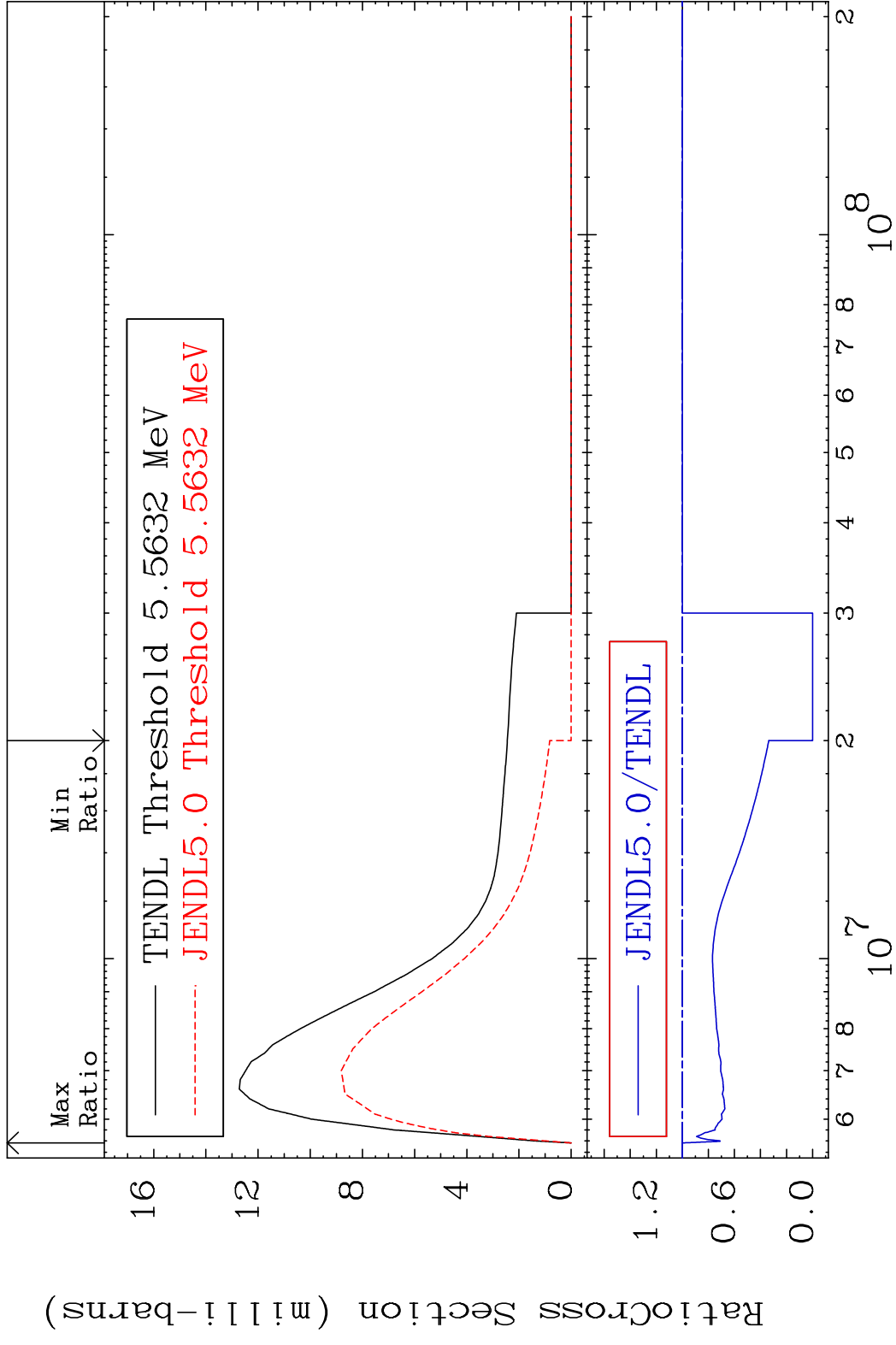


MAT 1725 MT= 75 (n,n') Level 17-C1-35
 Cross Section -100.0 To 9999. %

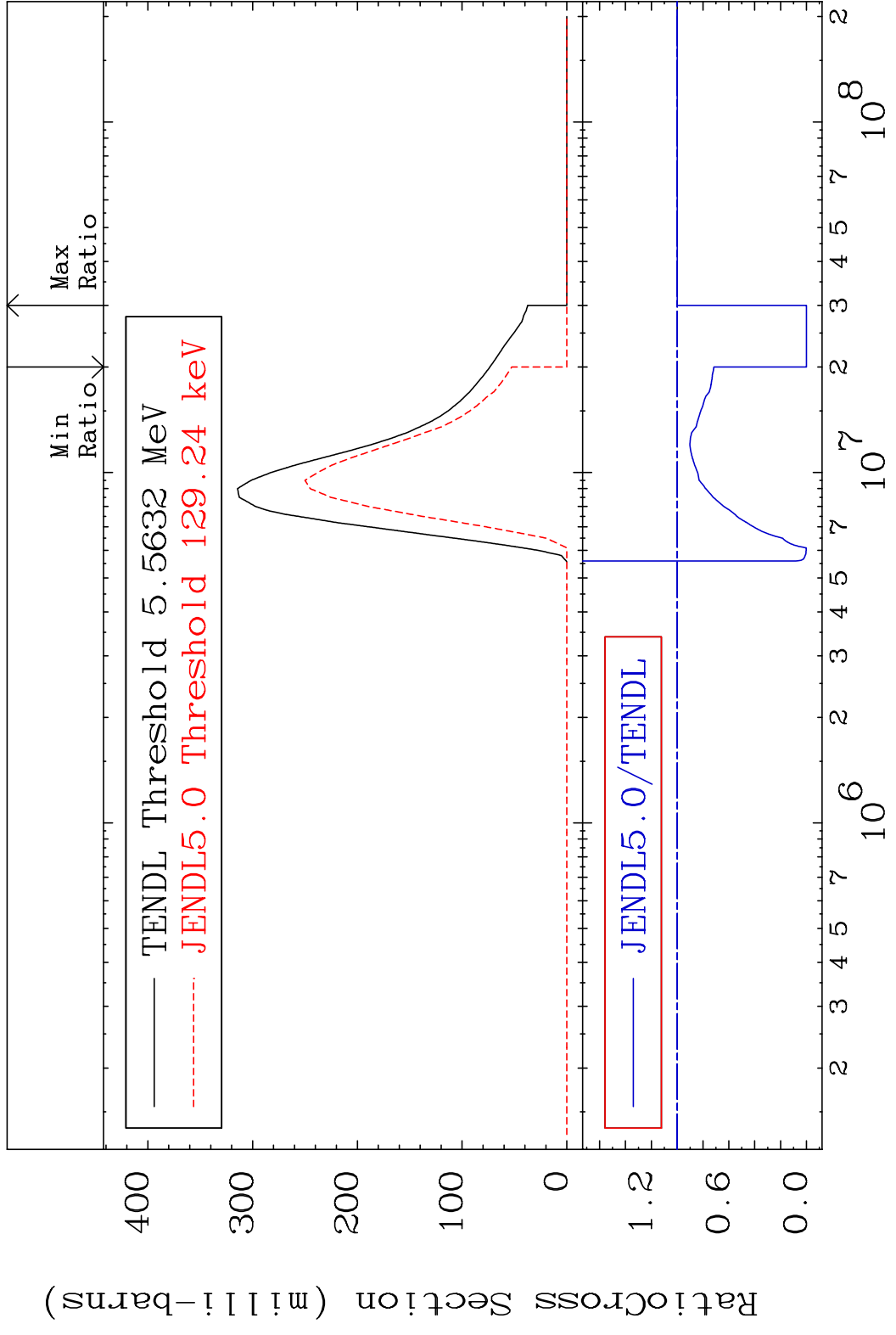


35 Incident Energy (eV) 17-C1-35

MAT 1725 MT= 76 (n,n') Level 17-C1-35
 Cross Section -100.0 To 0.000 %



MAT 1725 (n,n') Continuum 17-Cl-35
 Cross Section -100.0 To 0.000 %

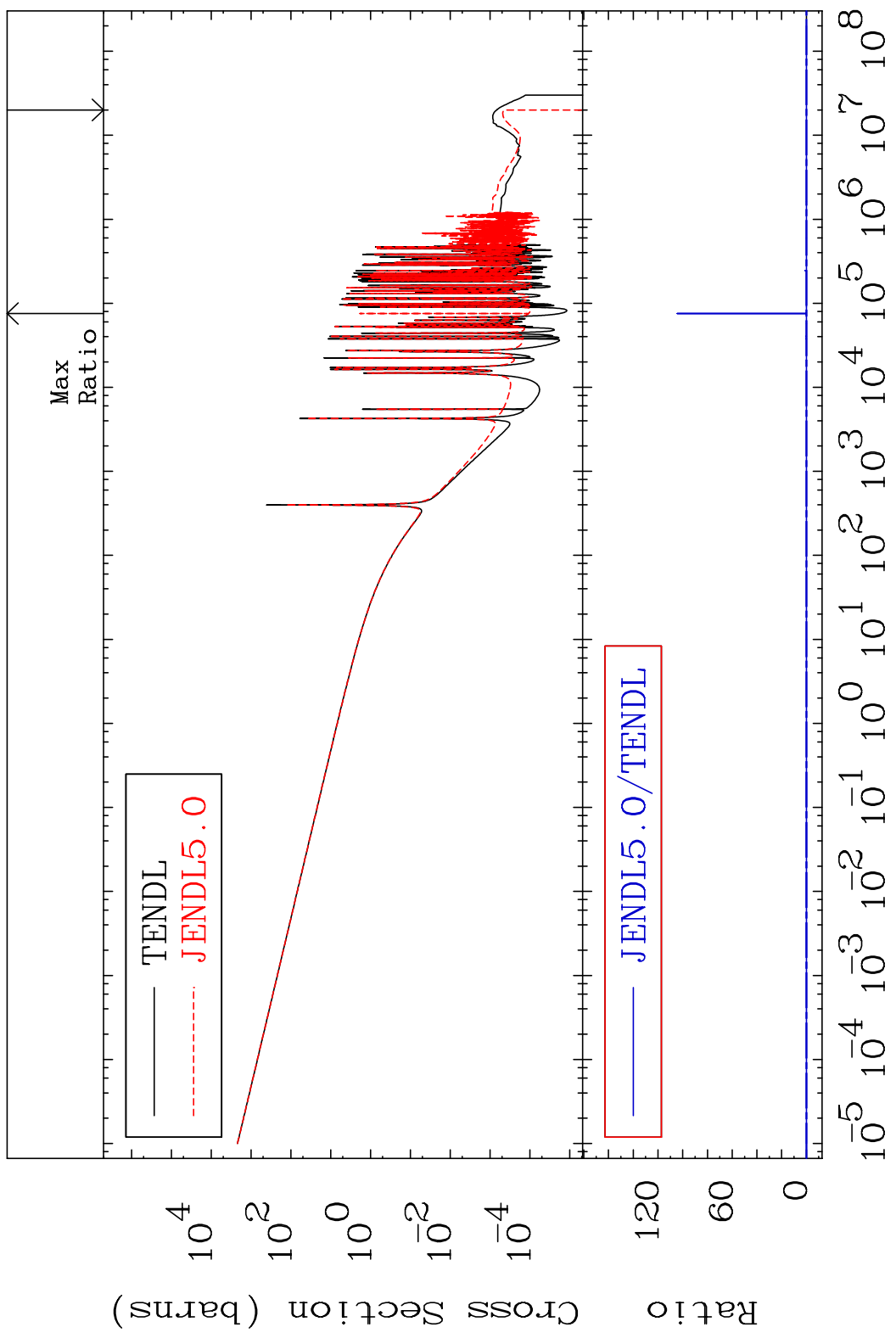


MAT 1725

(n, γ)

17-C1-35

Cross Section -100.0 To 9999. %



38

Incident Energy (eV)

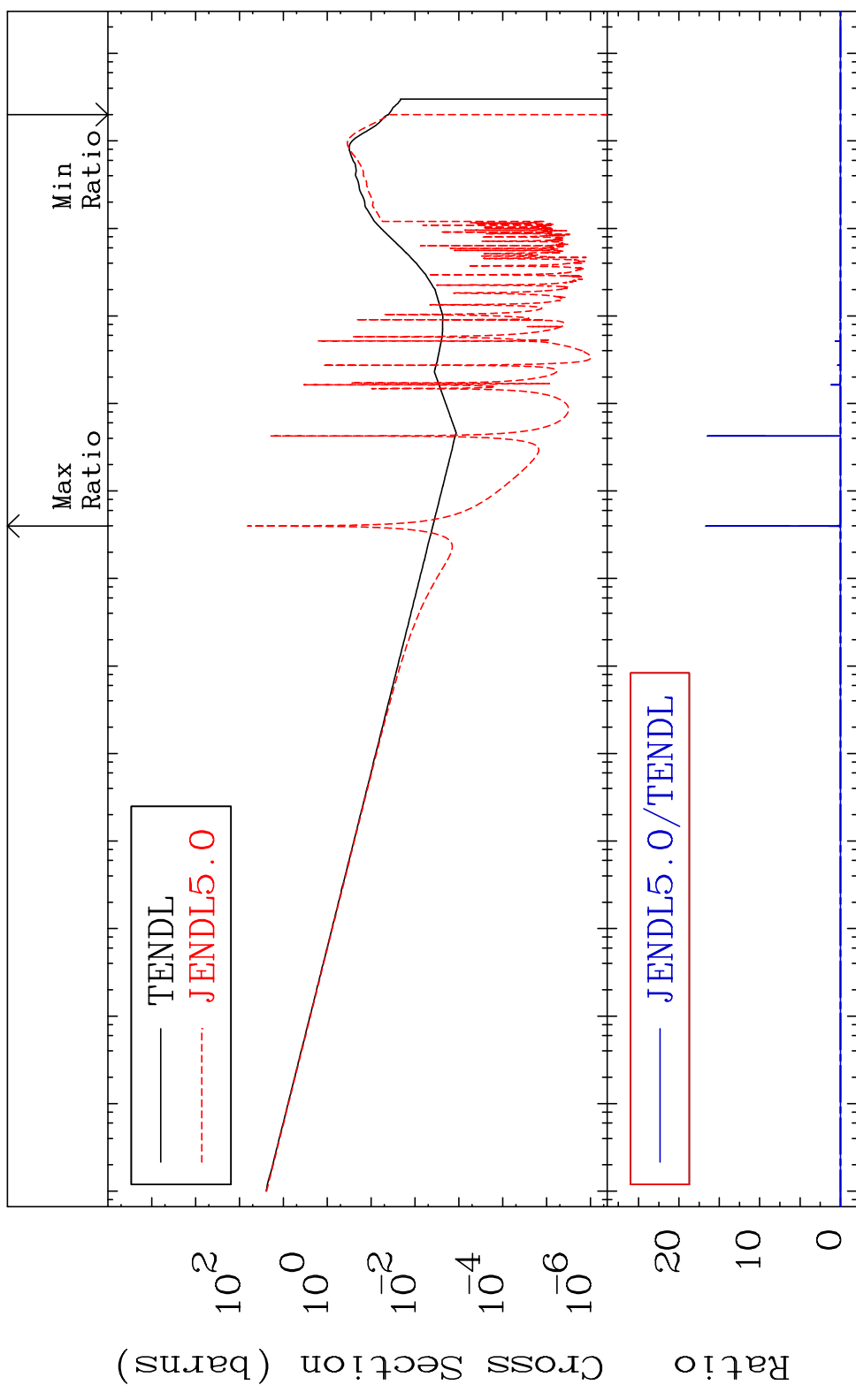
17-C1-35

MAT 1725

(n, p)

17-Cl-35

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

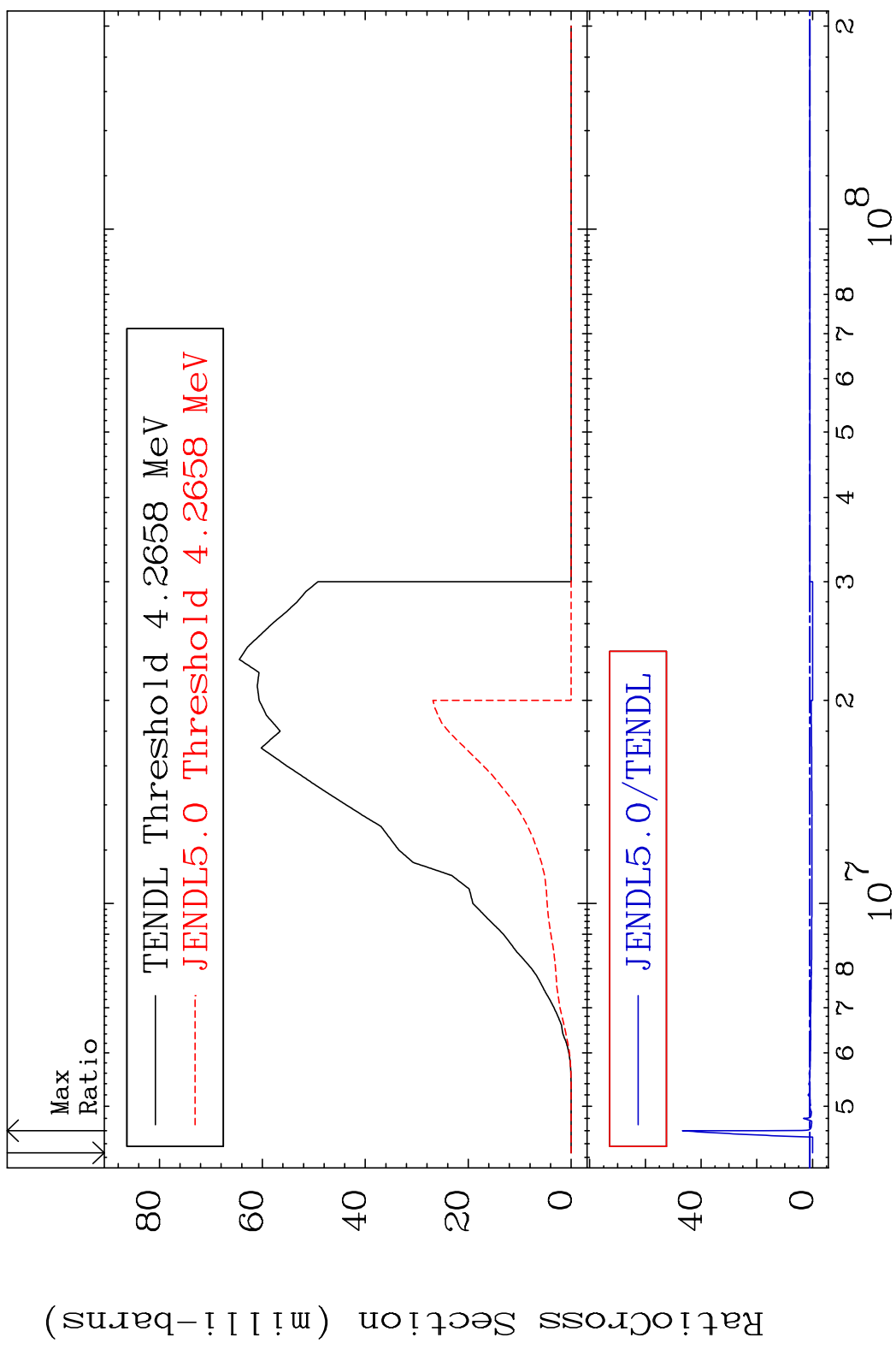
17-Cl-35

MAT 1725

(n,d)

17-C1-35

Cross Section -100.0 To 4573. %



40

Incident Energy (eV)

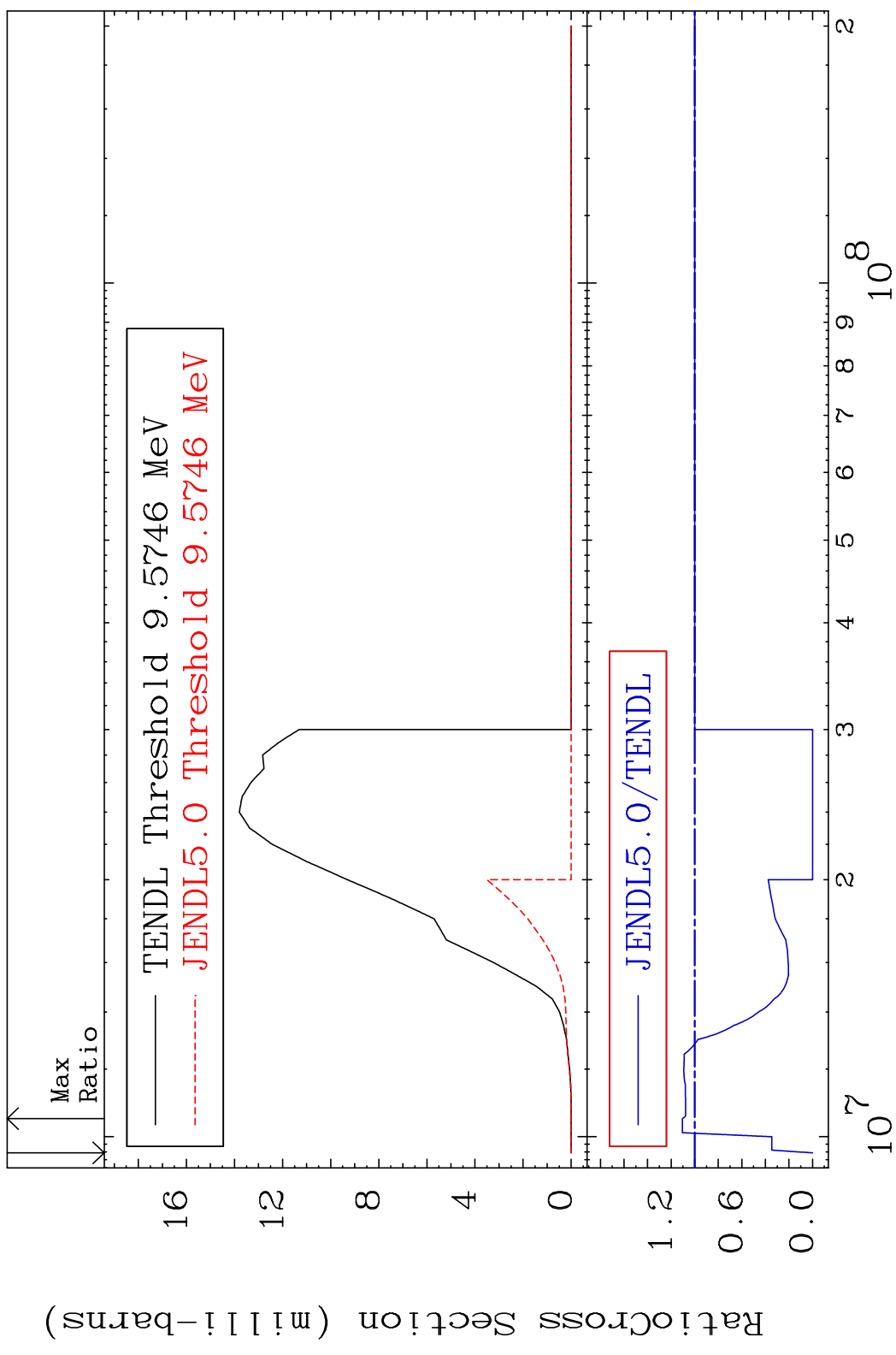
17-C1-35

MAT 1725

(n, t)

17-C1-35

Cross Section -100.0 To 10.50 %



41

Incident Energy (eV)

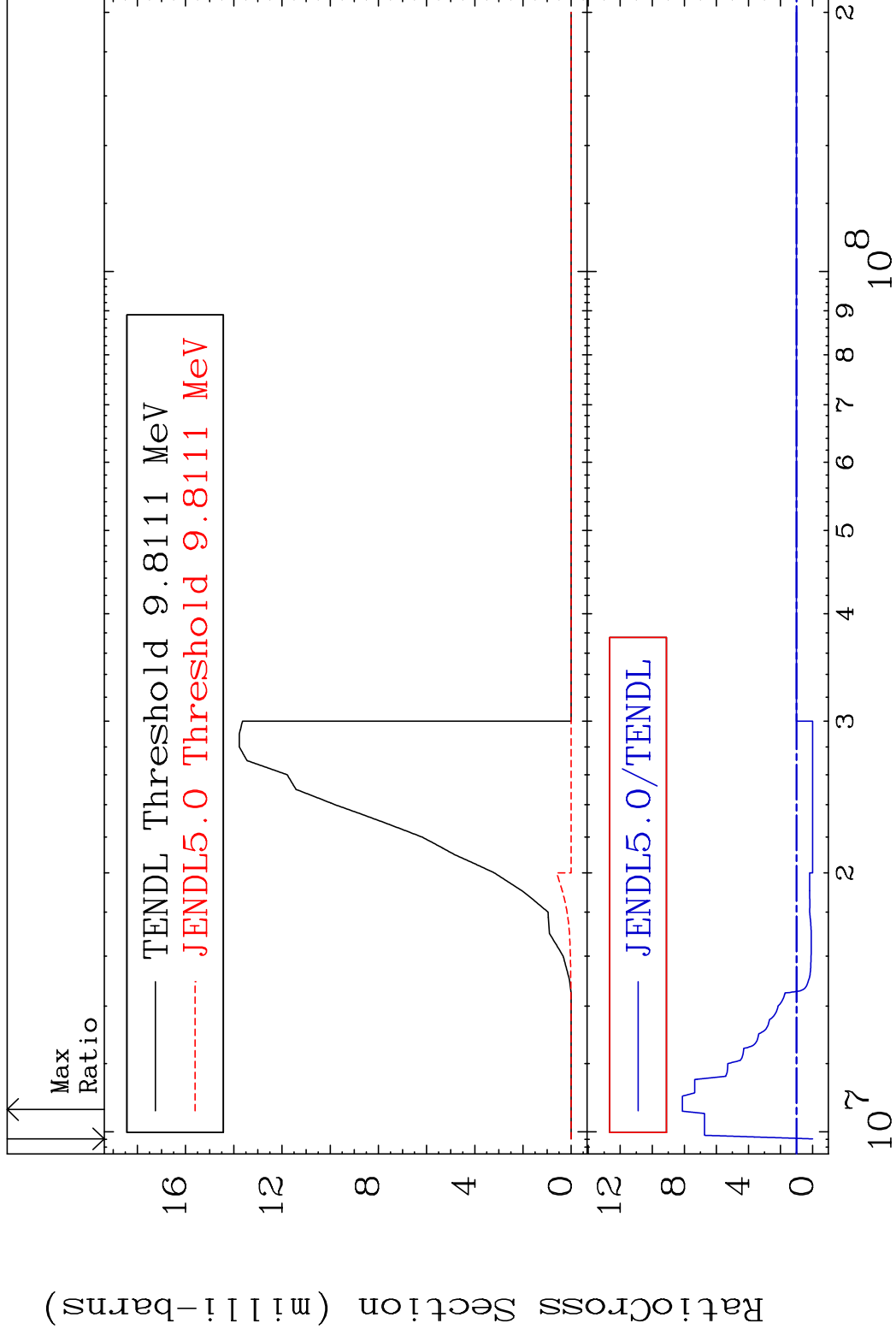
17-C1-35

MAT 1725

(n, He-3)

17-C1-35

Cross Section -100.0 To 712.3 %



42

Incident Energy (eV)

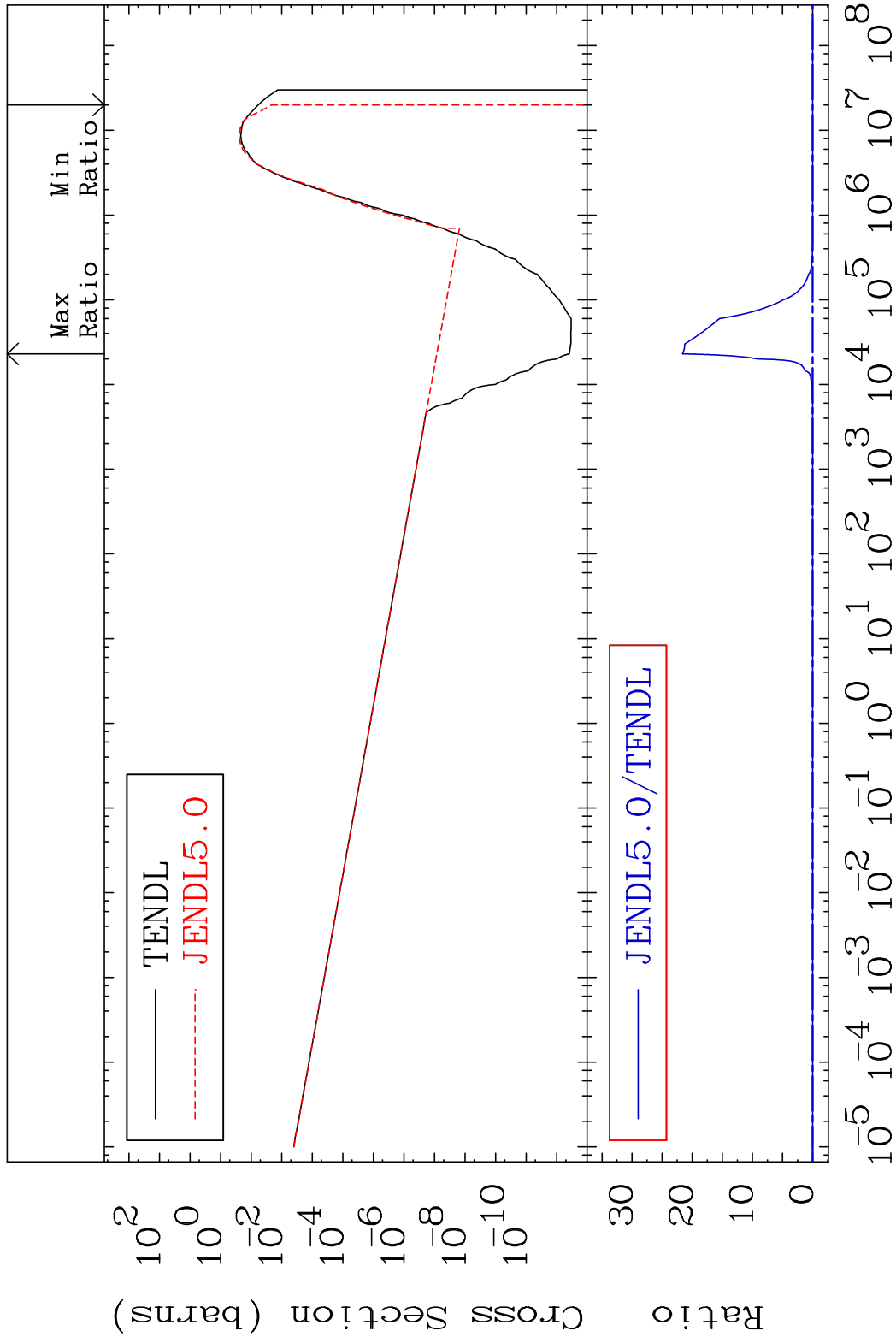
17-C1-35

MAT 1725

(n, α)

17-C1-35

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

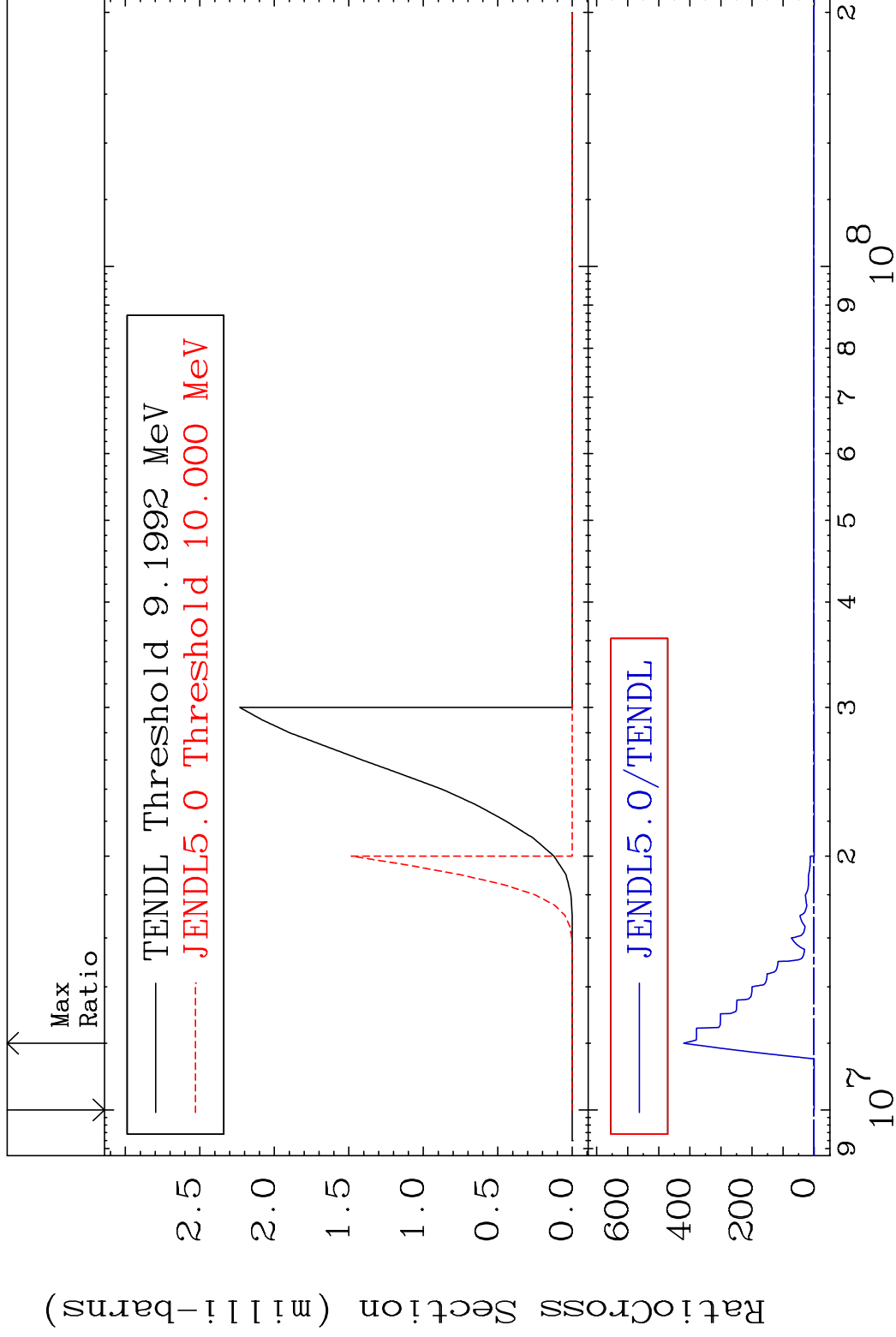
17-C1-35

MAT 1725

(n,2α)

17-C1-35

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

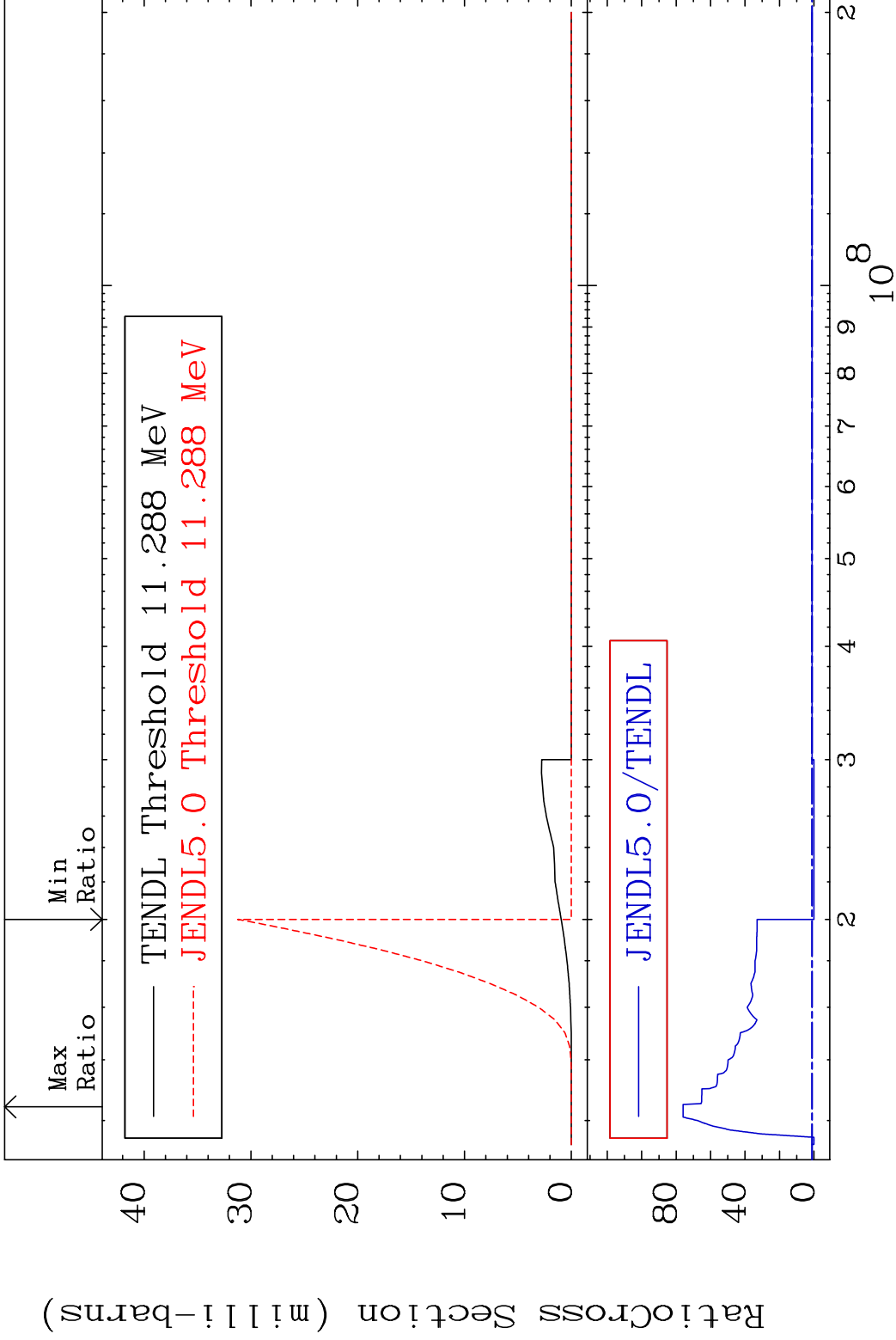
17-C1-35

MAT 1725

(n,2p)

17-Cl-35

Cross Section -100.0 To 7499. %

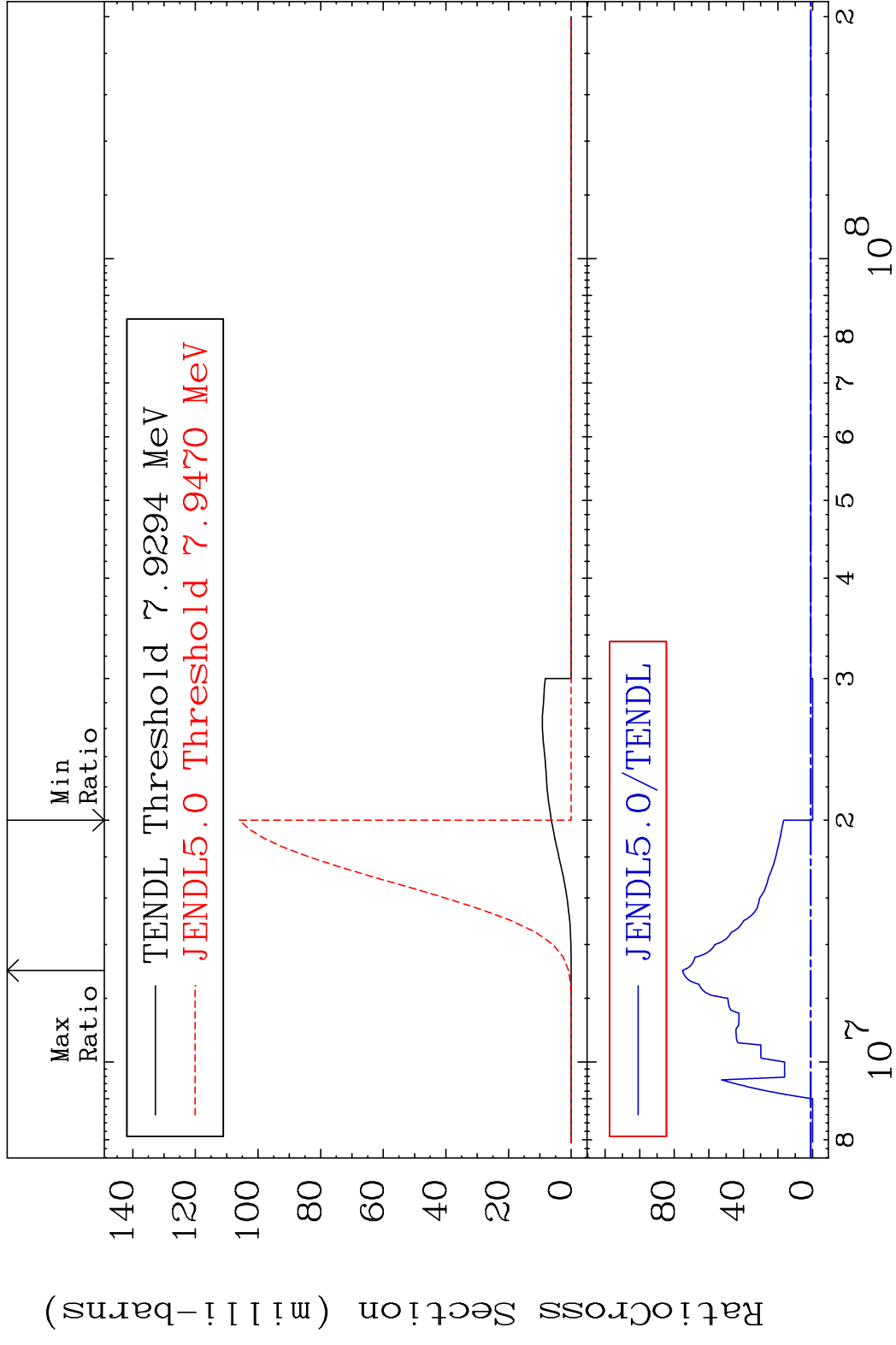


45

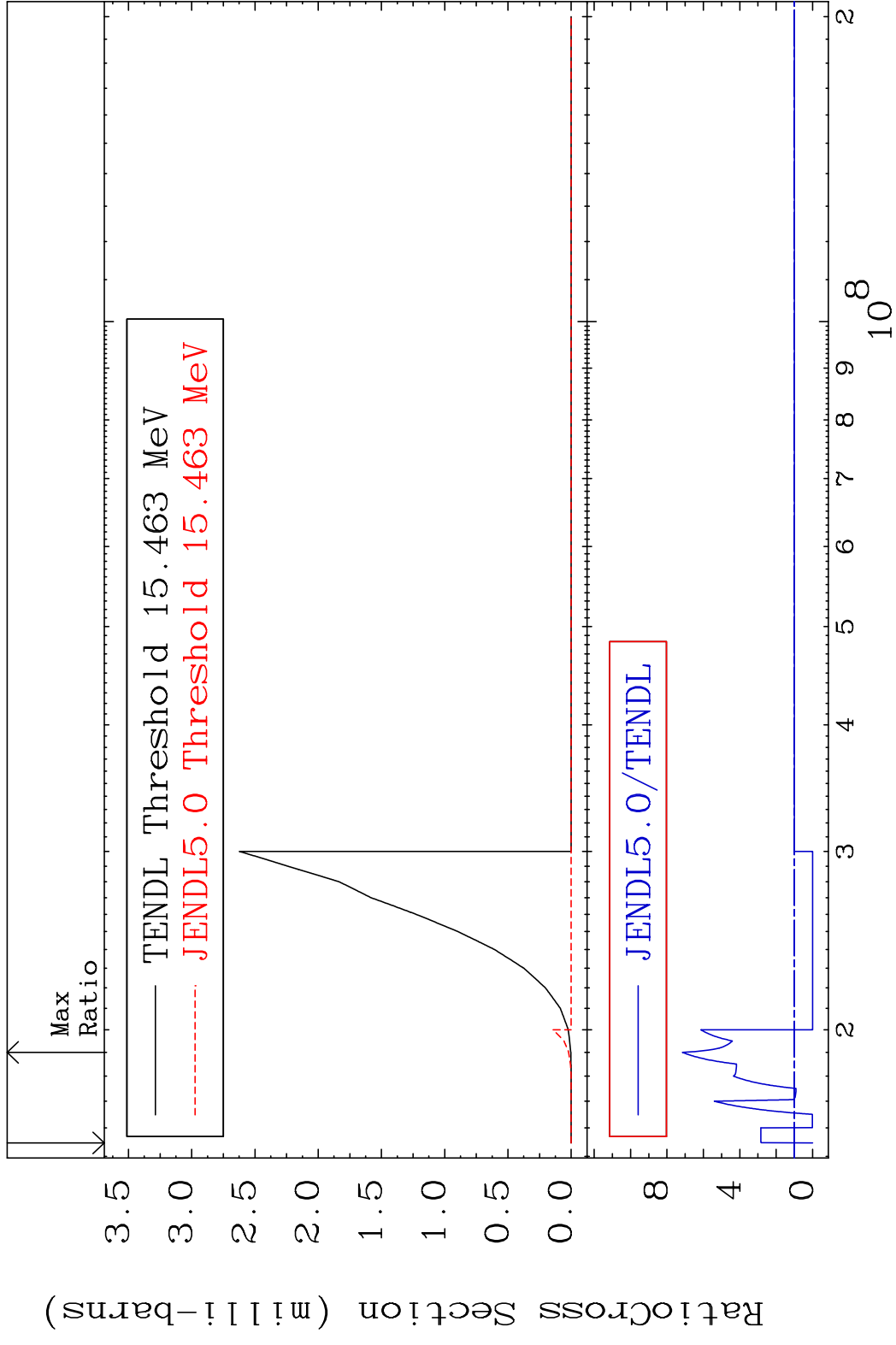
Incident Energy (eV)

17-Cl-35

MAT 1725 (n,p) α 17-Cl-35
 Cross Section -100.0 To 7432. %



MAT 1725 (n,p) d 17-Cl-35
 Cross Section -100.0 To 615.6 %

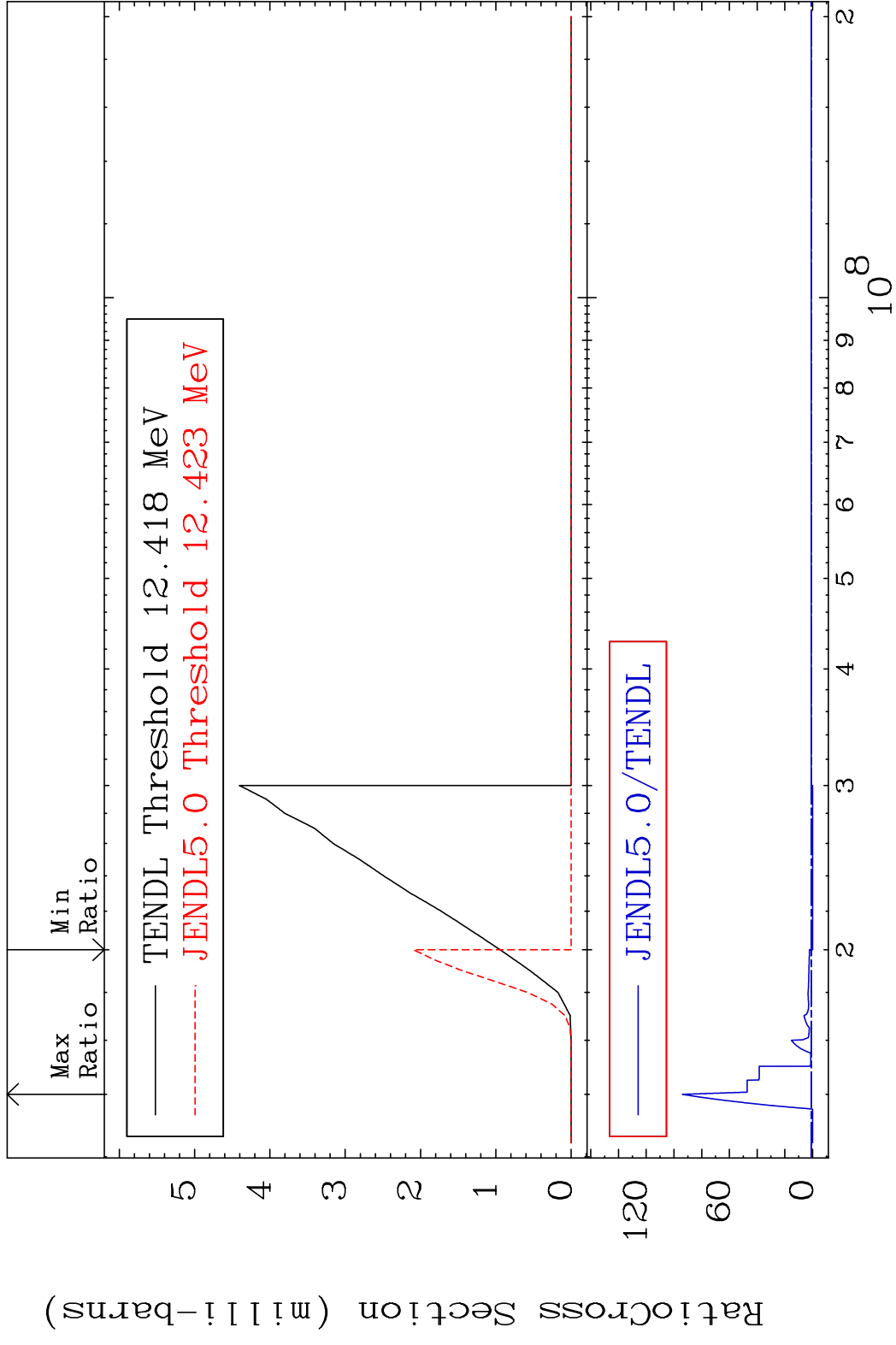


MAT 1725

(n,d) α

17-C1-35

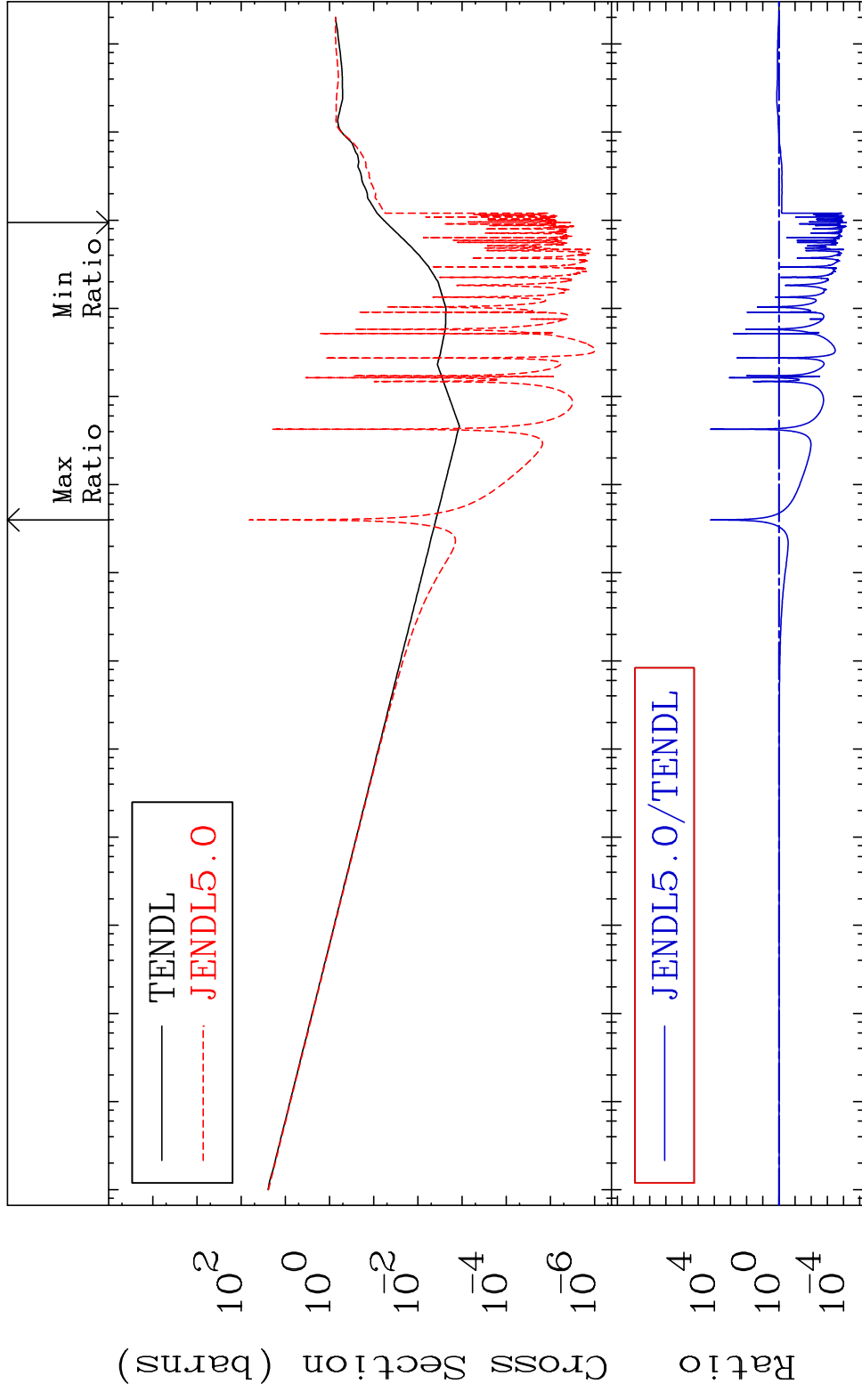
Cross Section -100.0 To 9293. %



MAT 1725

Hydrogen Production
Cross Section -99.99 To 9999. %

17-C1-35



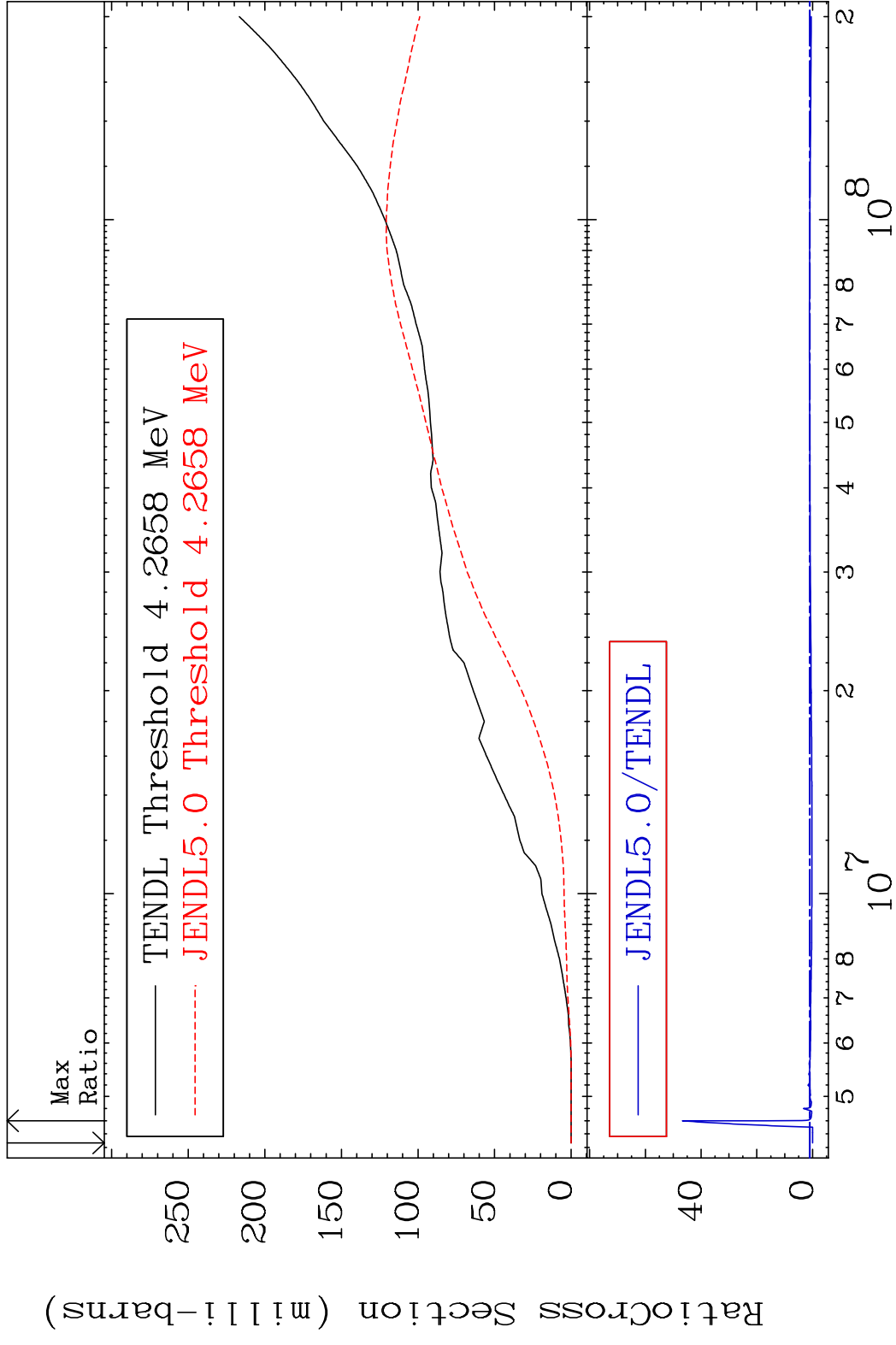
Ratio
10⁴
10⁰
10⁻⁴
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

49

Incident Energy (eV)

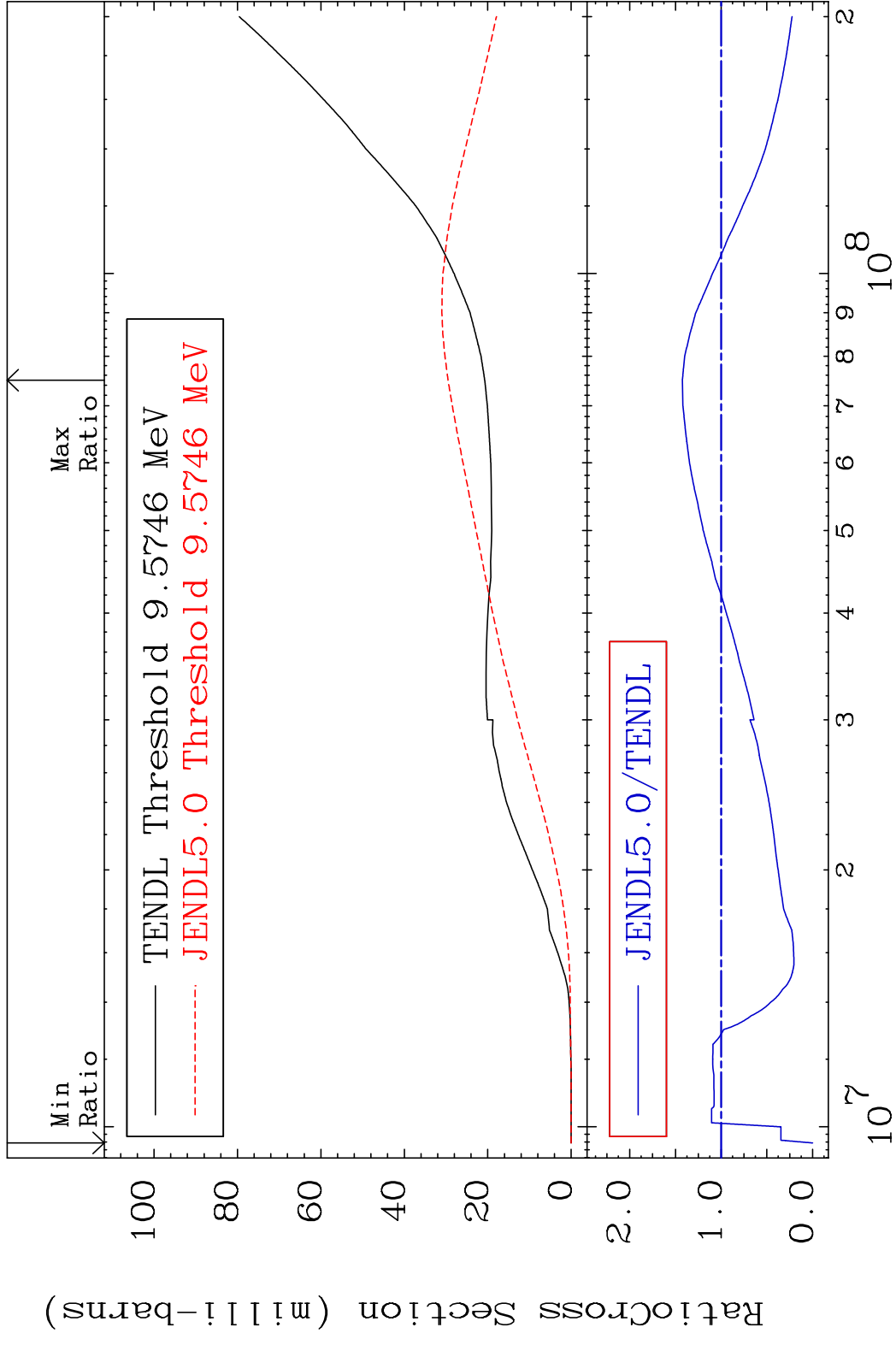
17-C1-35

MAT 1725 Deuterium Production 17-C1-35
 Cross Section -100.0 To 4573. %



50 Incident Energy (eV) 17-C1-35

MAT 1725 Tritium Production 17-C1-35
 Cross Section -100.0 To 42.44 %



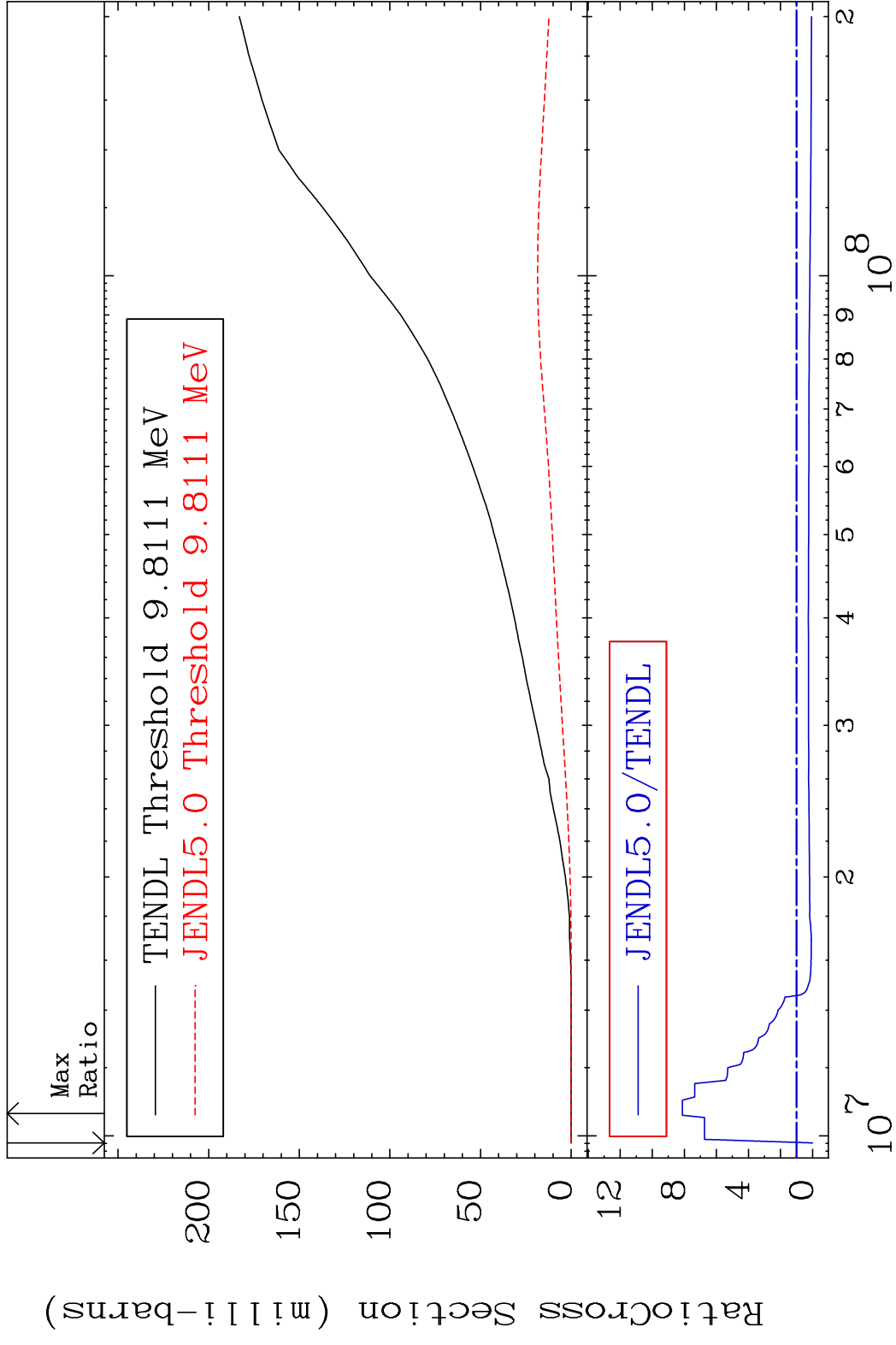
51 Incident Energy (eV) 17-C1-35

MAT 1725

He-3 Production

17-C1-35

Cross Section -100.0 To 712.3 %



52

Incident Energy (eV)

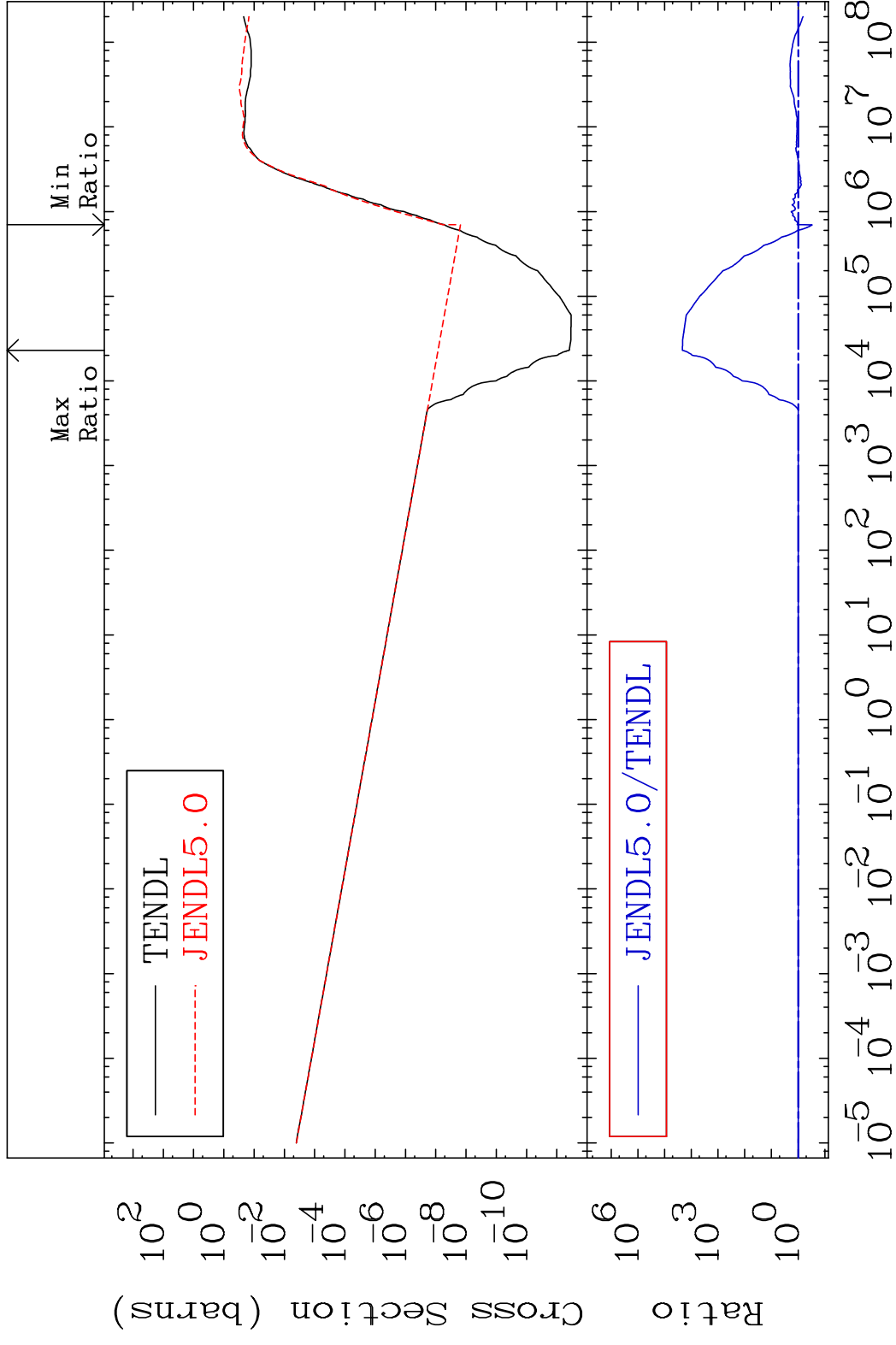
17-C1-35

MAT 1725

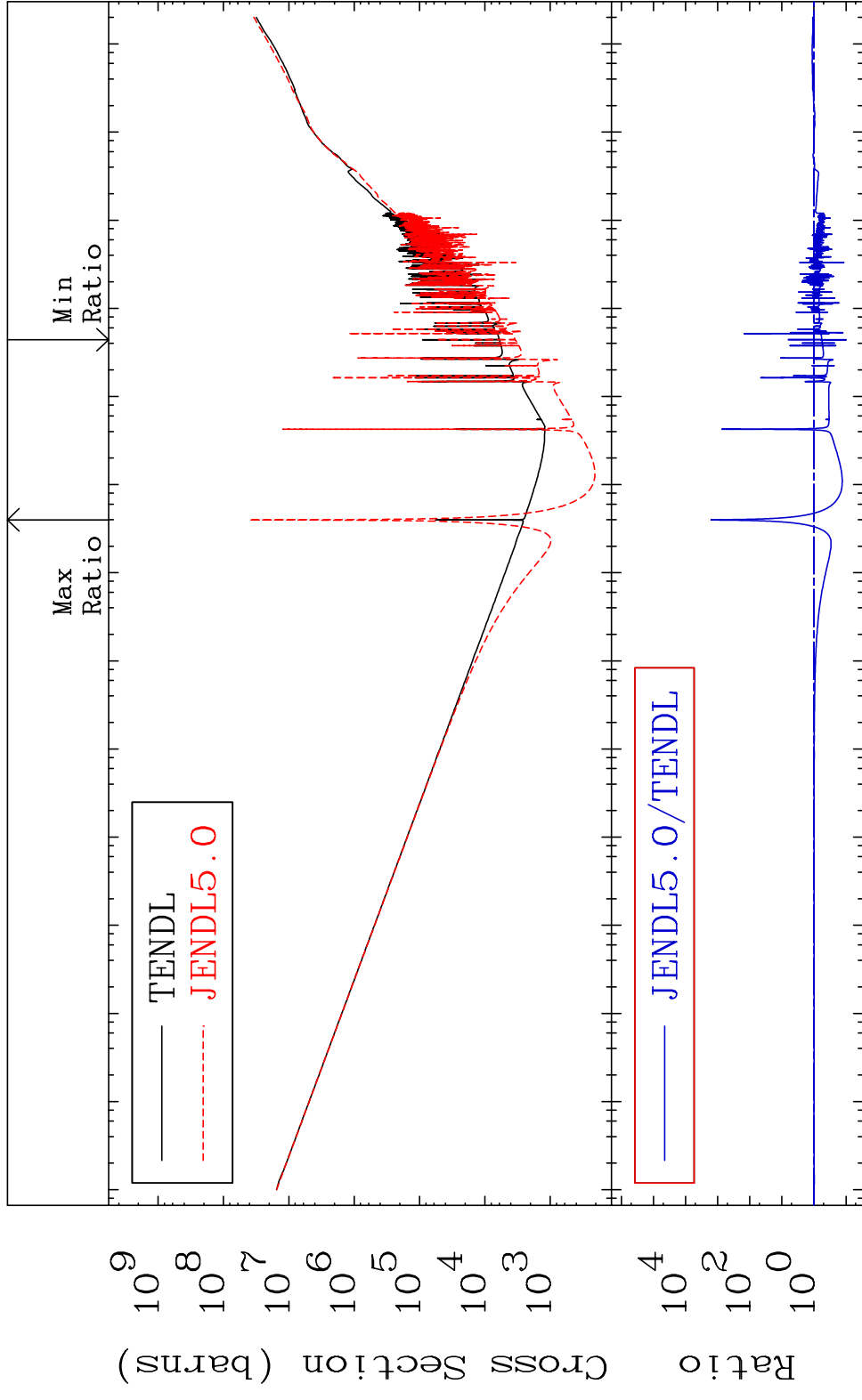
He-4 Production

17-C1-35

Cross Section -71.14 To 9999. %



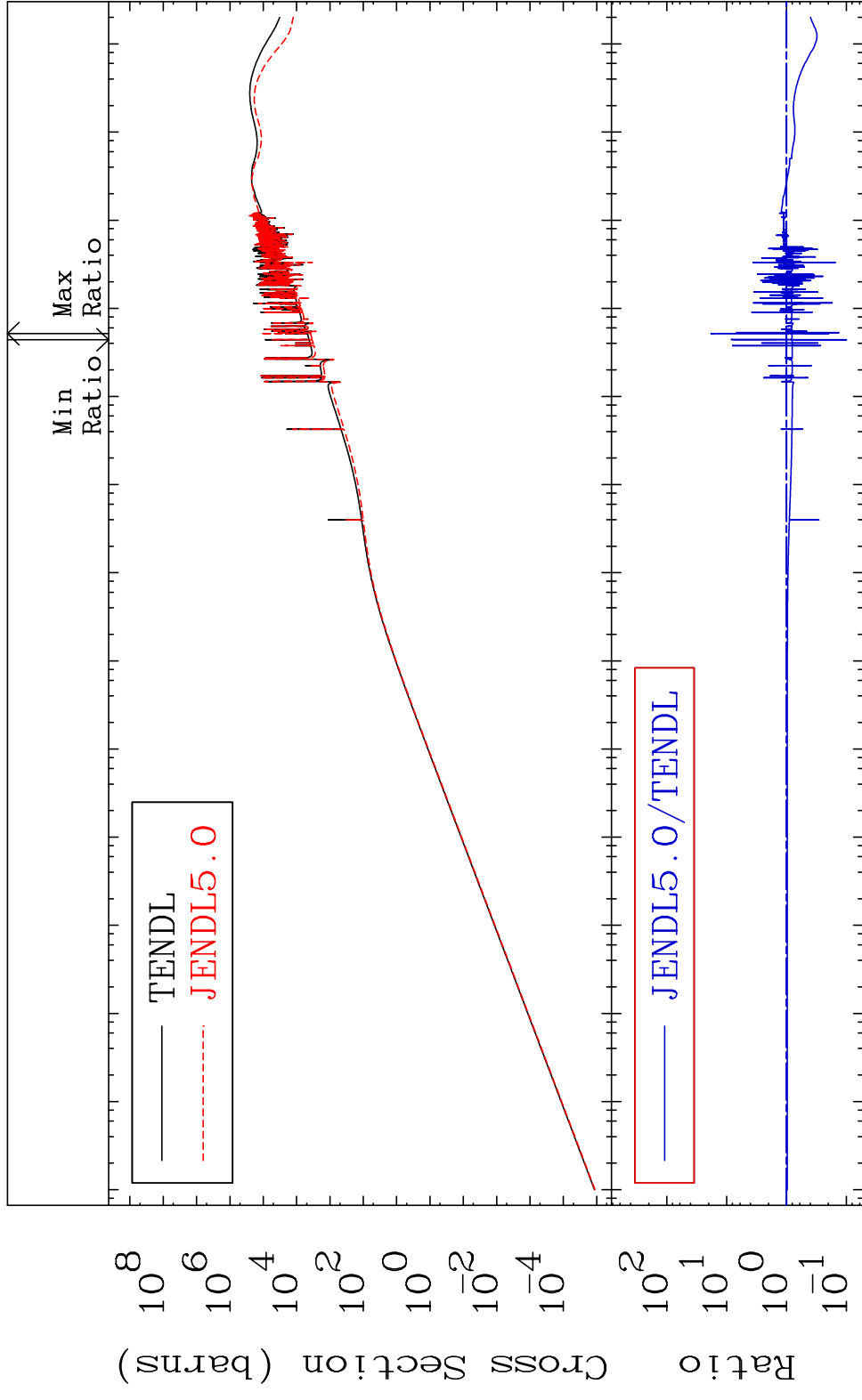
MAT 1725 Kerma total (eV-barns) 17-C1-35
 Cross Section -90.21 To 9999. %



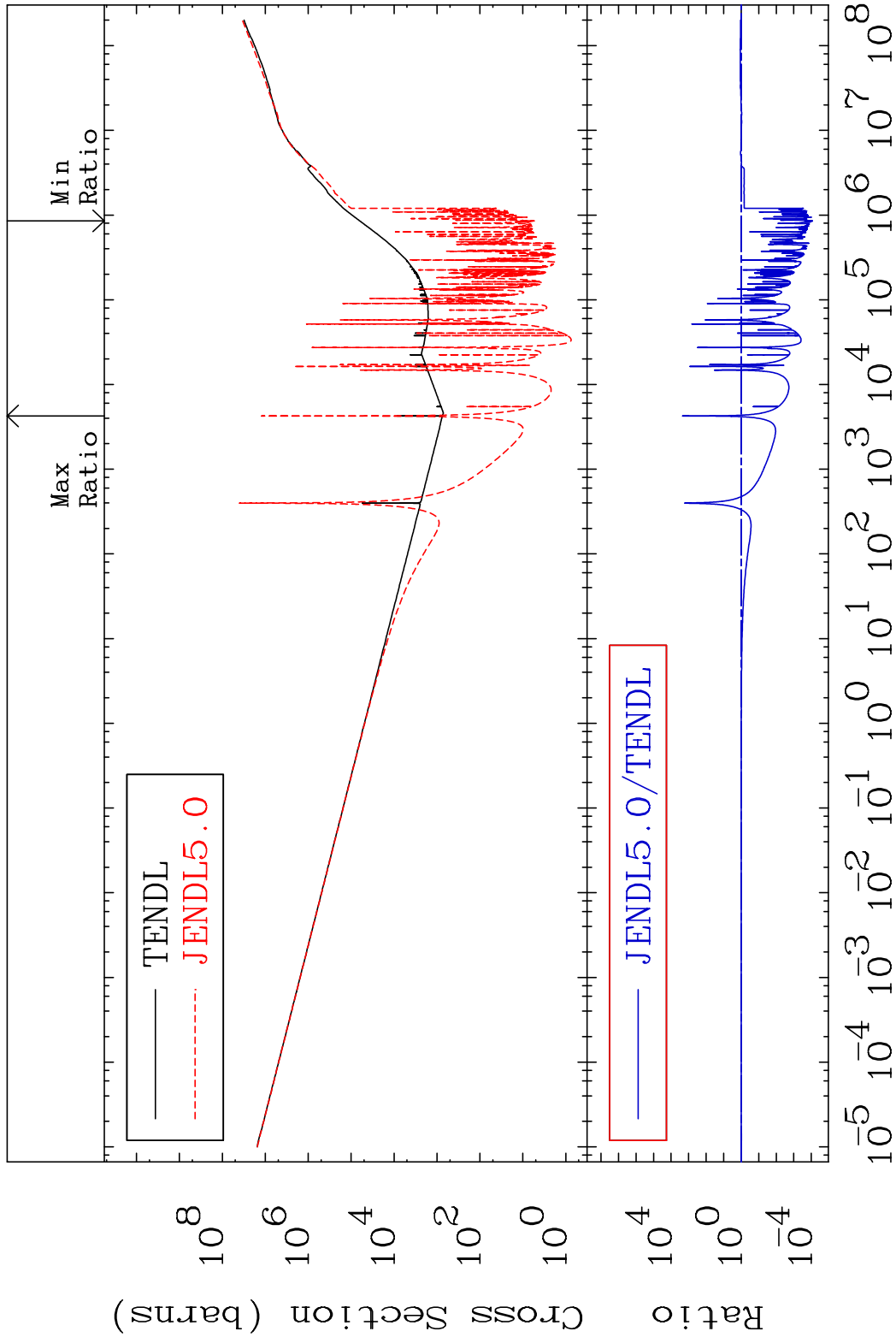
MAT 1725

Kerma elastic
Cross Section

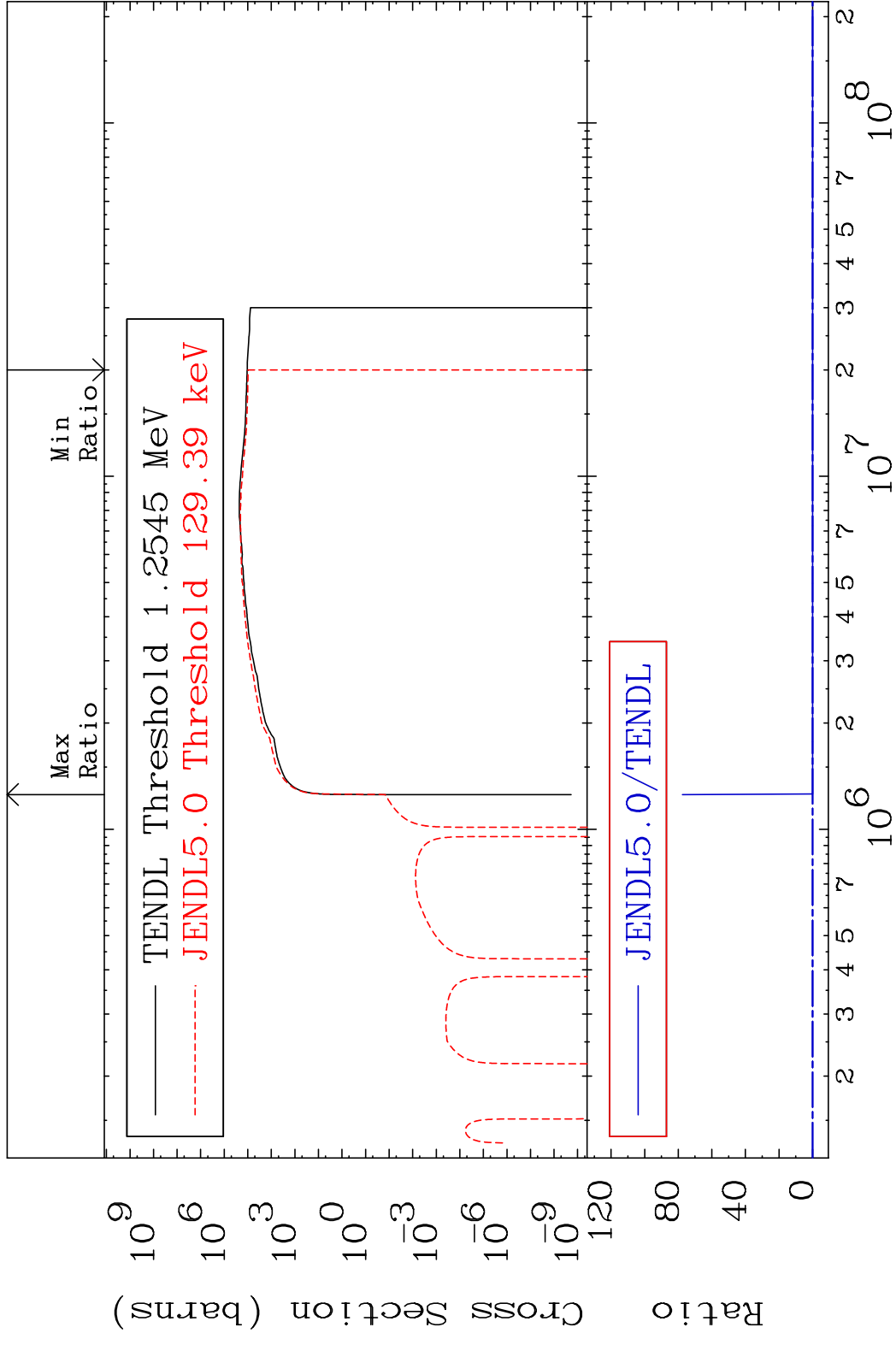
17-C1-35
-90.01 To 1740. %



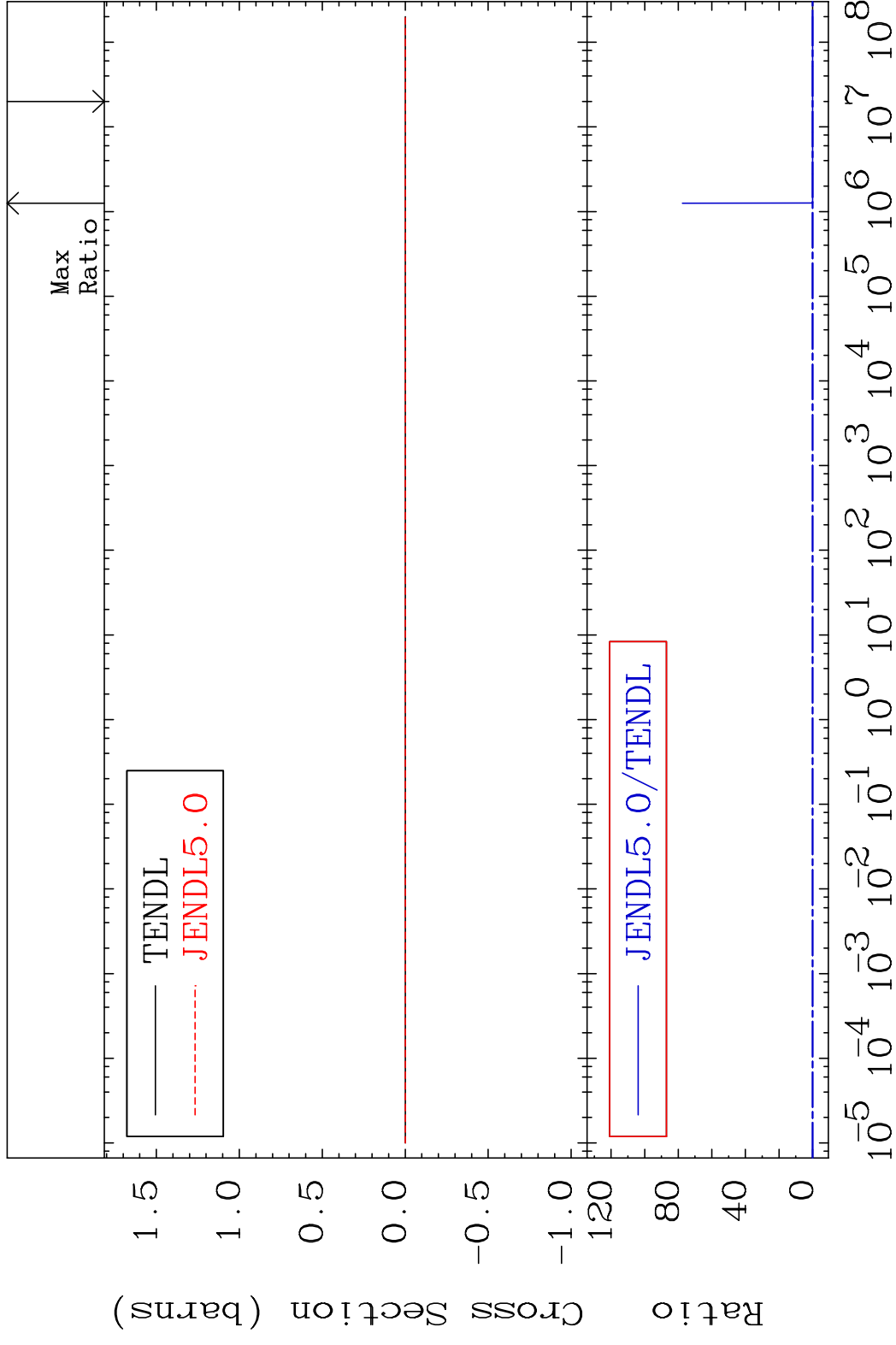
MAT 1725 Kerma non-elastic (all but mt2) 17-C1-35
 Cross Section -99.99 To 9999. %



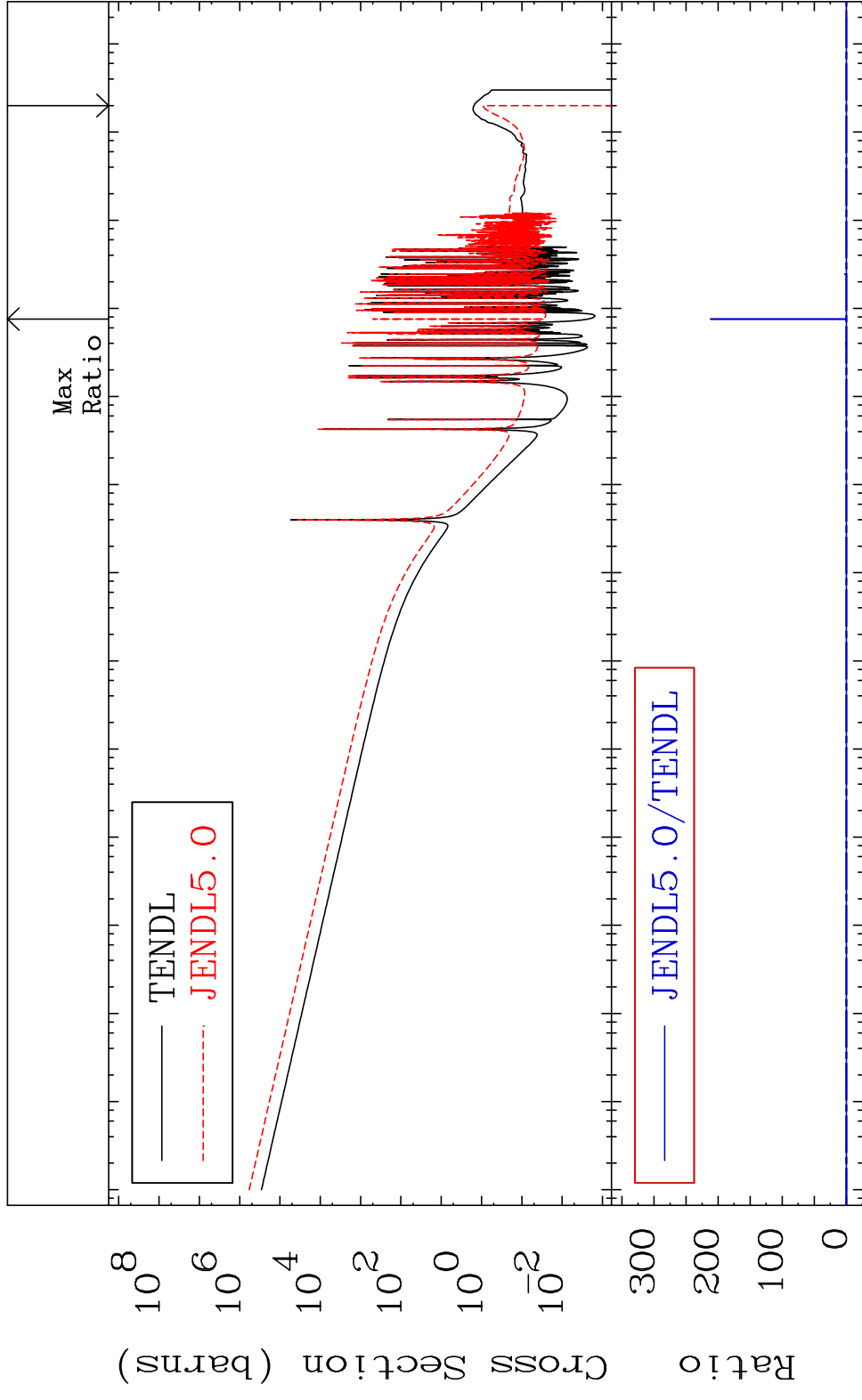
MAT 1725 Kerma inelastic (mt51-91) 17-C1-35
 Cross Section -100.0 To 9999. %



MAT 1725 Kerma fission (mt18 or mt19-20-21-38) 17-C1-35
 Cross Section -100.0 To 9999. %

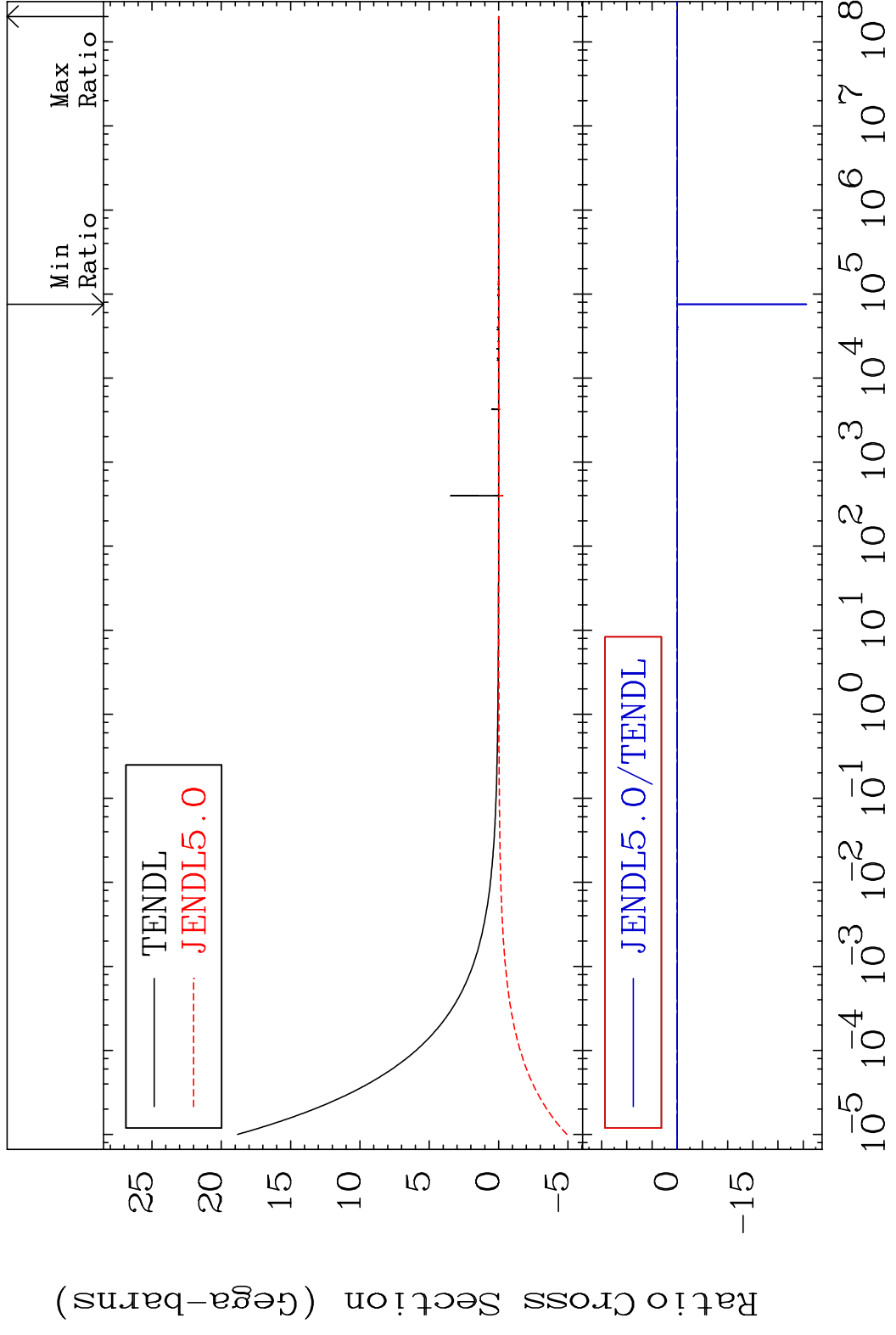


MAT 1725 Kerma capture (mt102) 17-C1-35
 Cross Section -100.0 To 9999. %



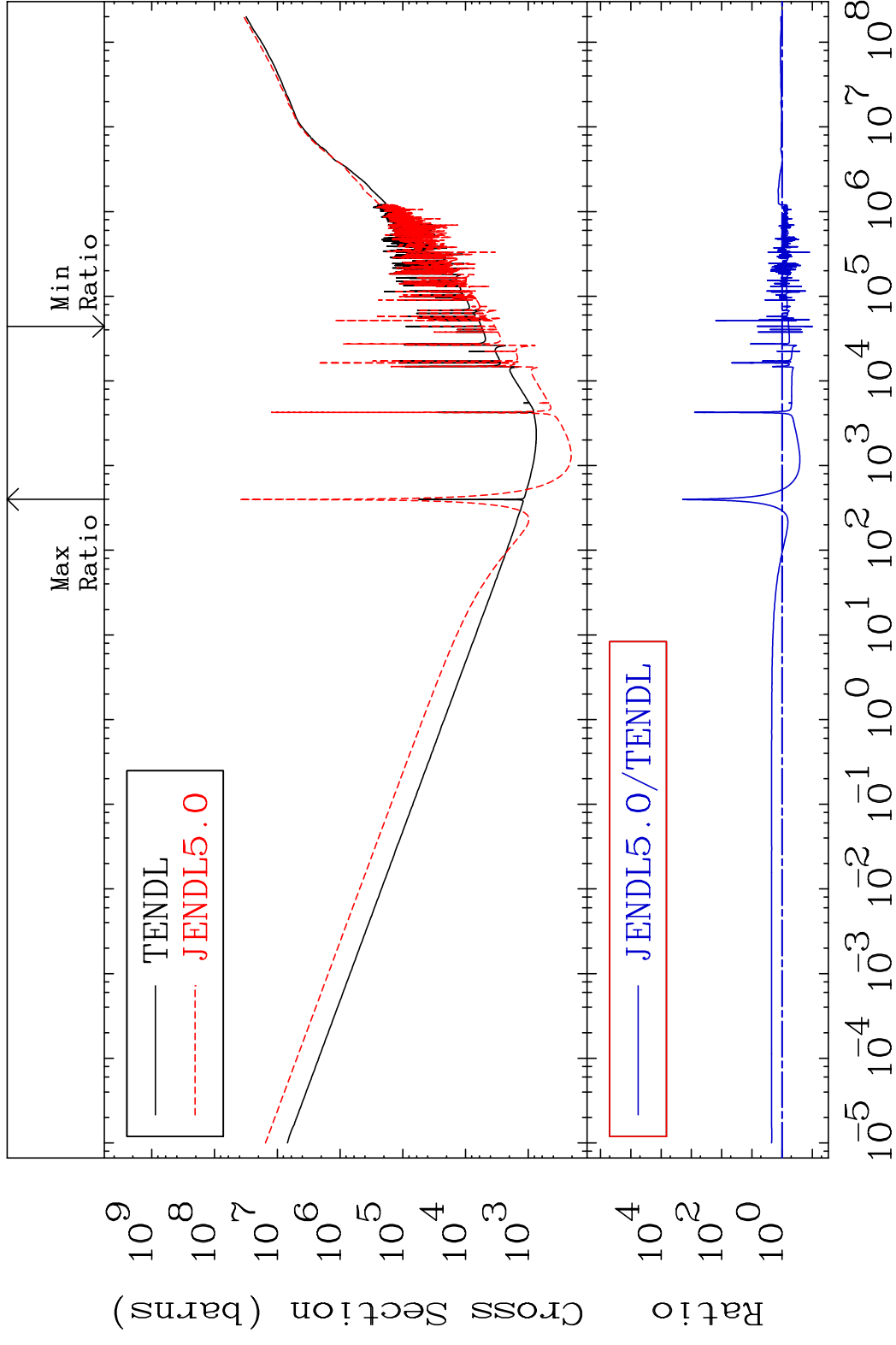
59 Incident Energy (eV) 17-C1-35

MAT 1725 Total photon (eV-barns) 17-C1-35
 Cross Section -9999. To 318.4 %



60 Incident Energy (eV) 17-C1-35

MAT 1725 Total kinematic kerma (high limit) 17-C1-35
 Cross Section -90.17 To 9999. %

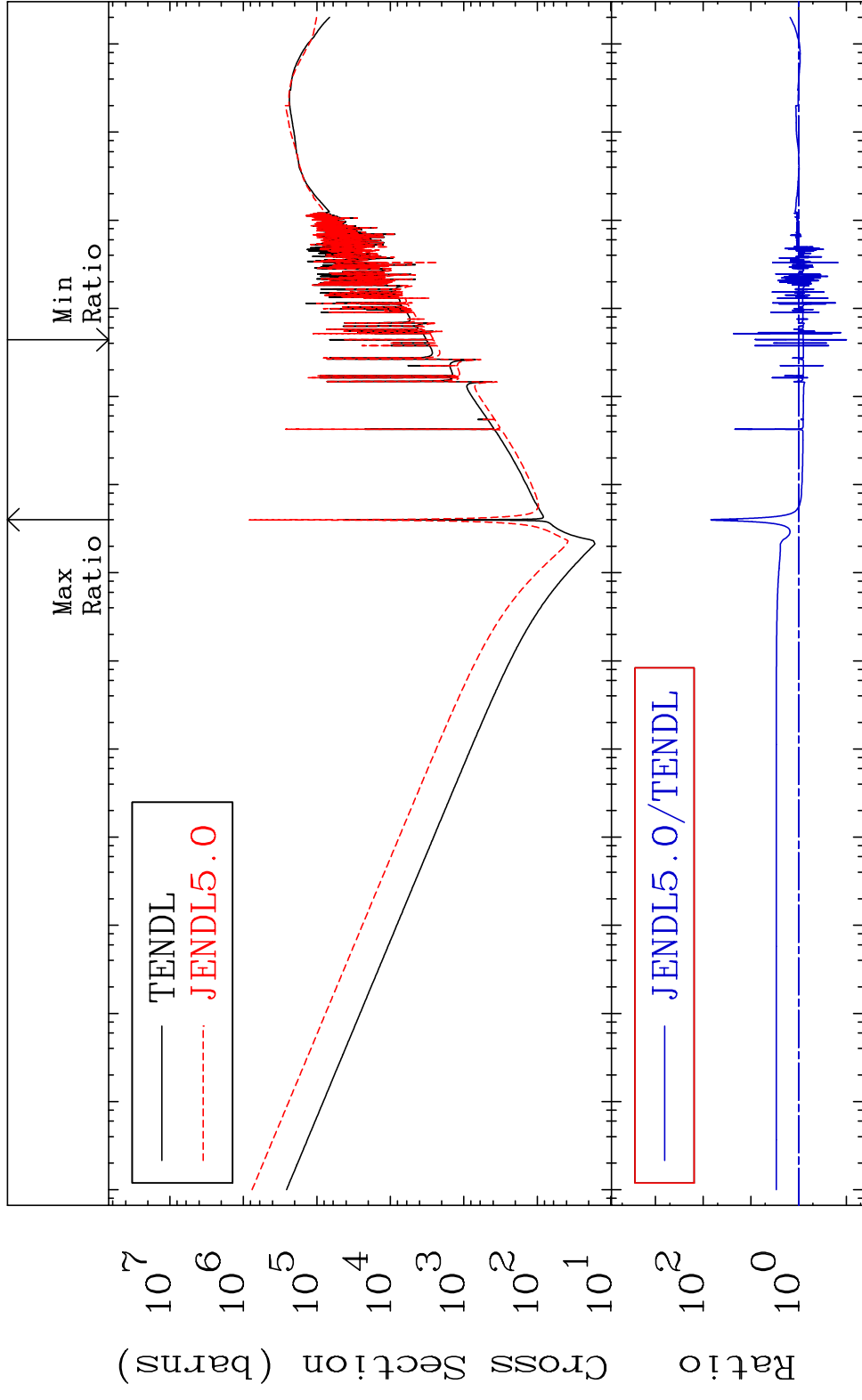


MAT 1725

Dpa total (eV-barns)

17-C1-35

Cross Section -90.02 To 6855. %

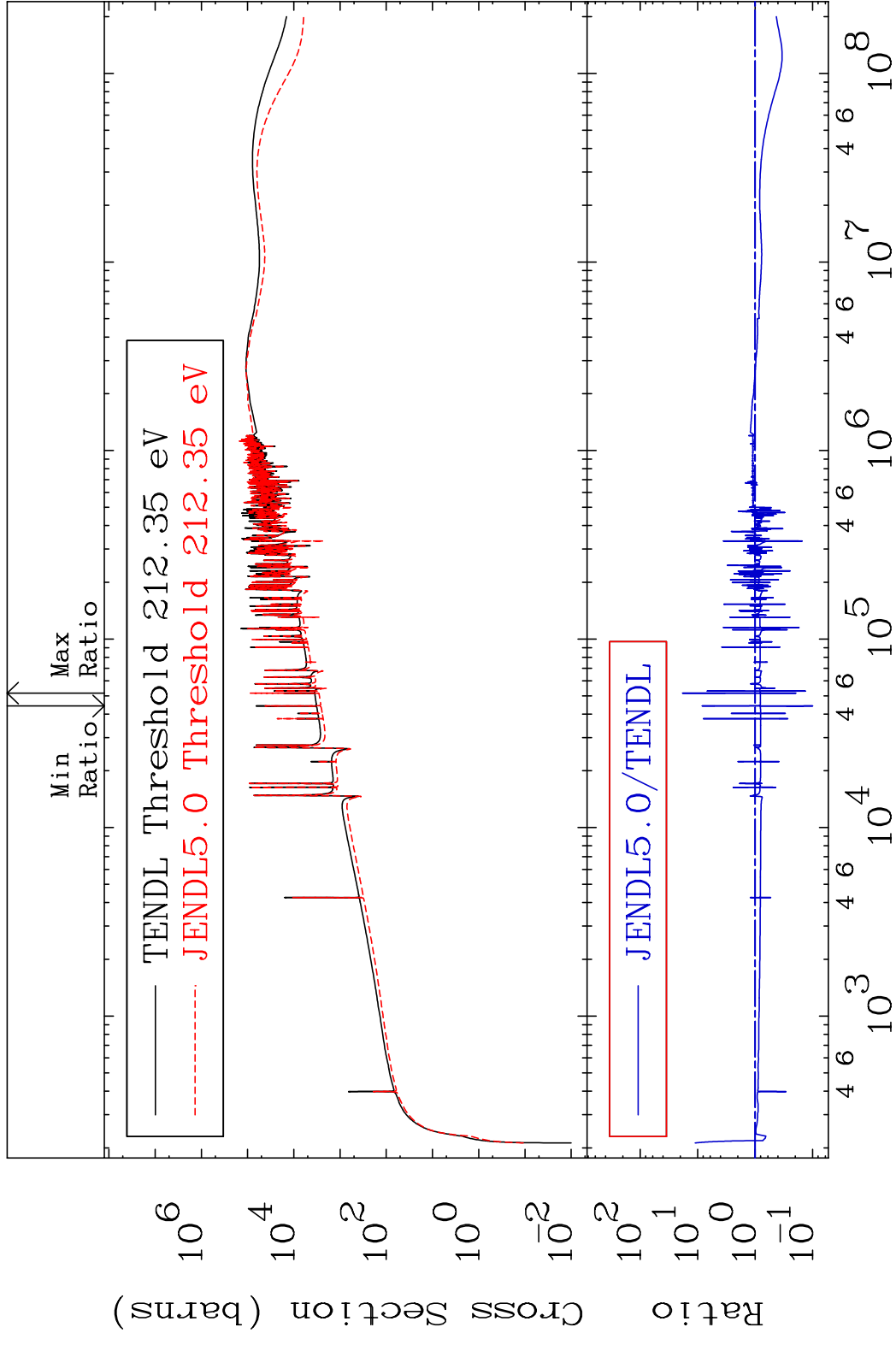


62

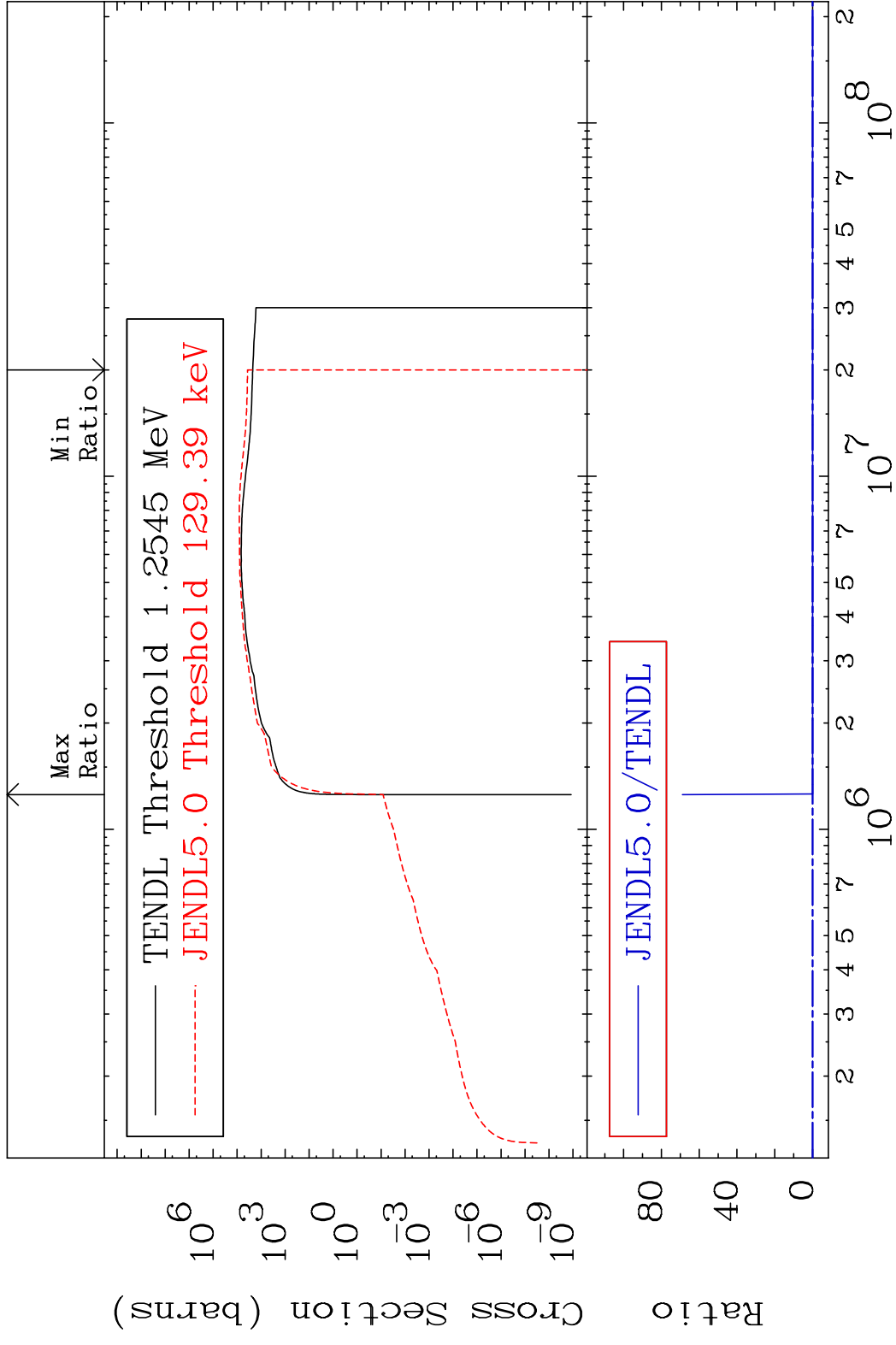
Incident Energy (eV)

17-C1-35

MAT 1725 Dpa elastic (mt2) 17-C1-35
 Cross Section -90.01 To 1739. %



MAT 1725 Dpa inelastic (mt51-91) 17-C1-35
 Cross Section -100.0 To 9999. %



MAT 1725 Dpa disappearance (mt102 -120) 17-C1-35
 Cross Section -100.0 To 9999. %

