

Program Complot
(Version 2021-1)

by

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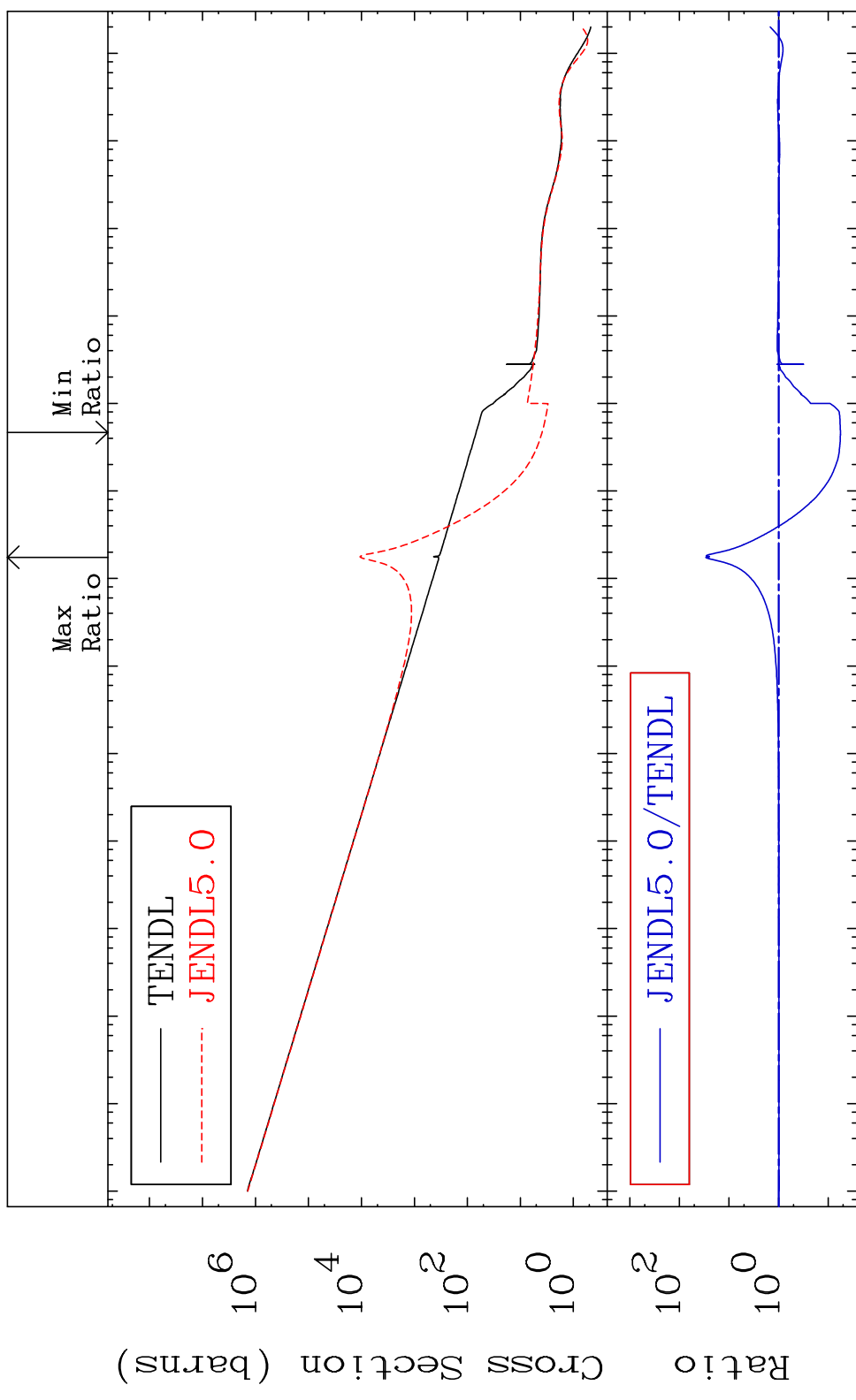
Press Mouse Button to Start

MAT 1122

Total

11-Na-22

Cross Section -94.32 To 2843. %



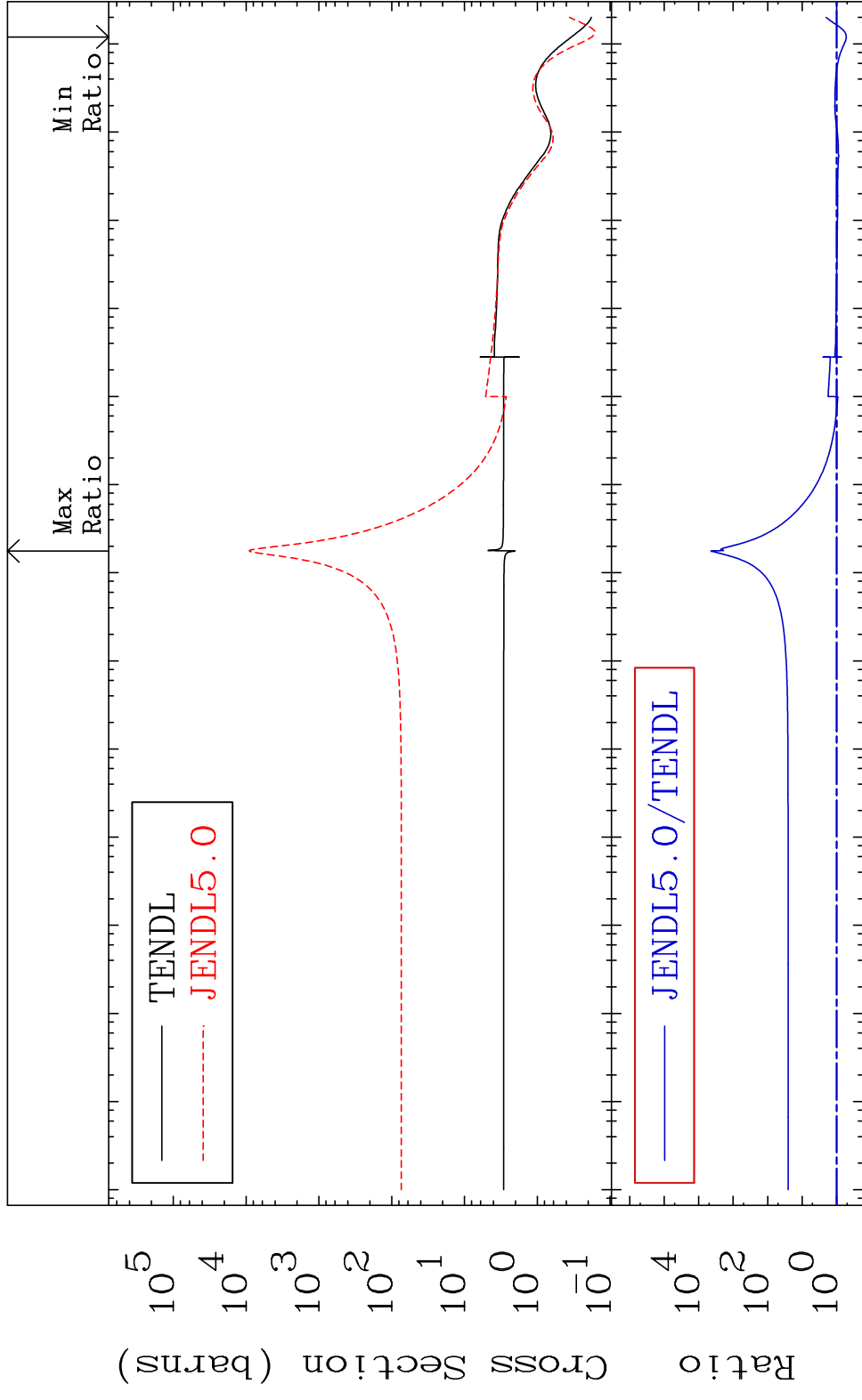
1

Incident Energy (eV)

11-Na-22

MAT 1122

Elastic Cross Section 11-Na-22
-47.79 To 9999. %

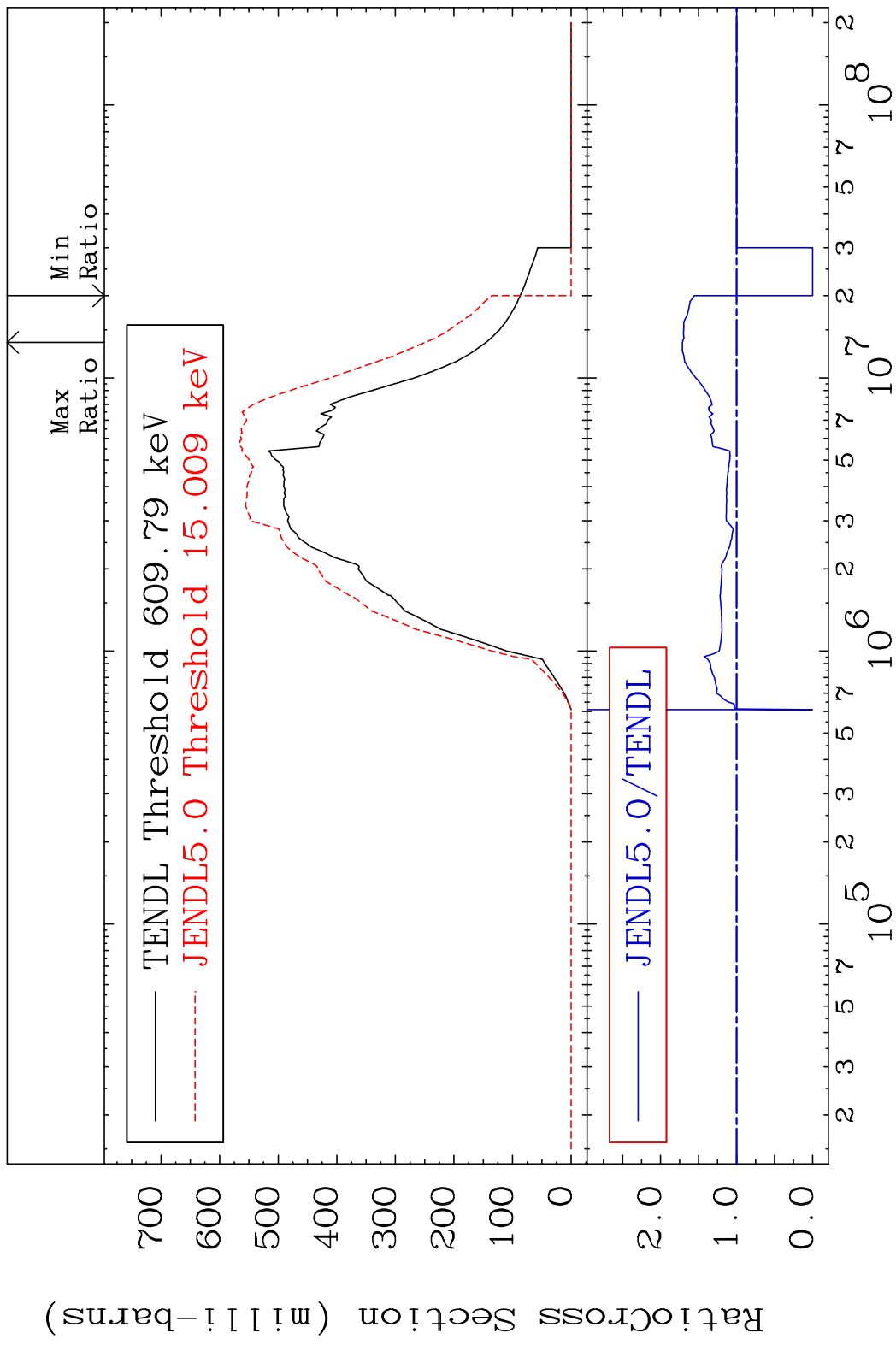


Ratio
10⁰ 10² 10⁴

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

2 Incident Energy (eV) 11-Na-22

MAT 1122 Inelastic 11-Na-22
 Cross Section -100.0 To 71.32 %

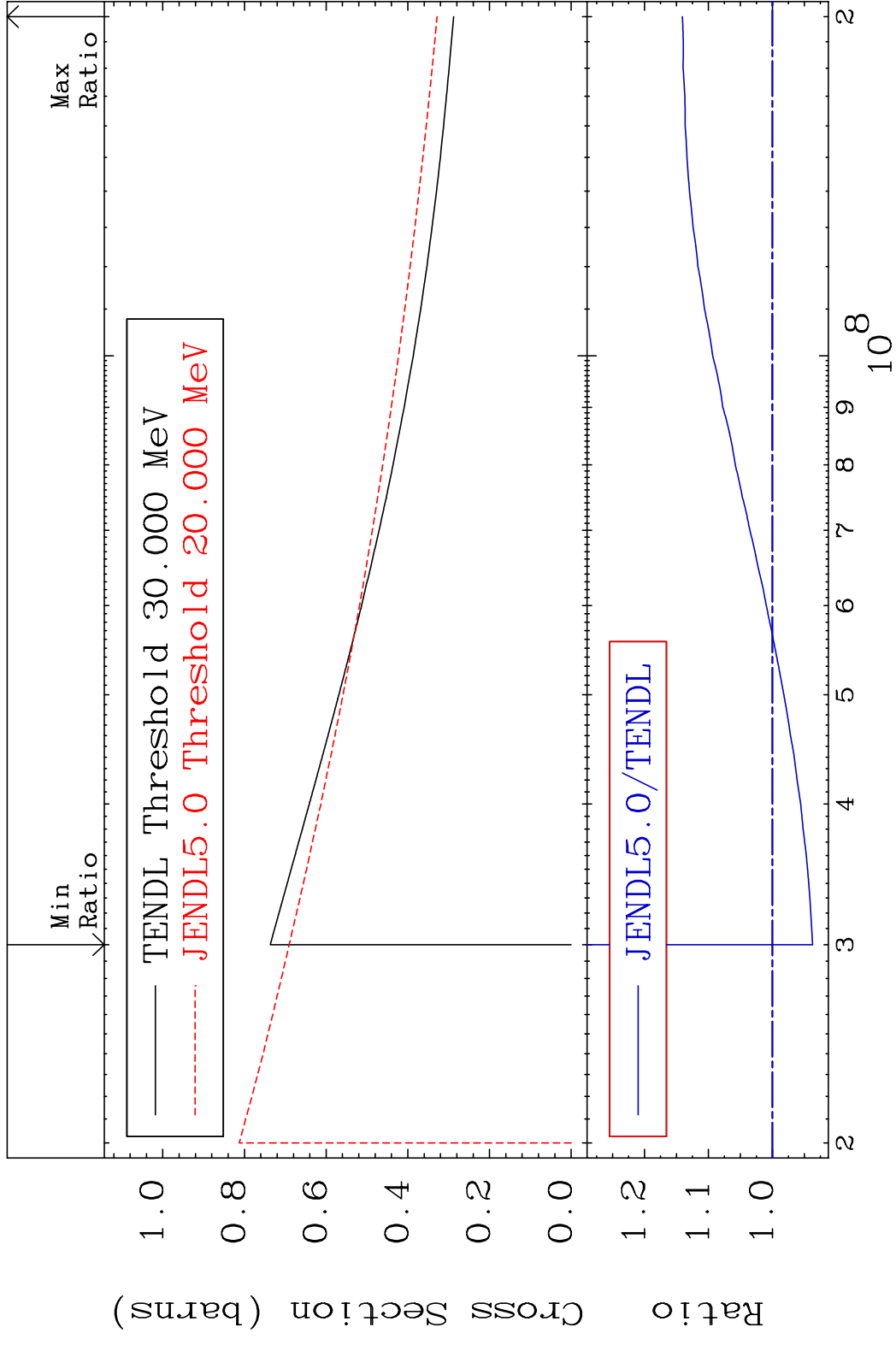


MAT 1122

(n, remainder)

11-Na-22

Cross Section -6.284 To 14.08 %

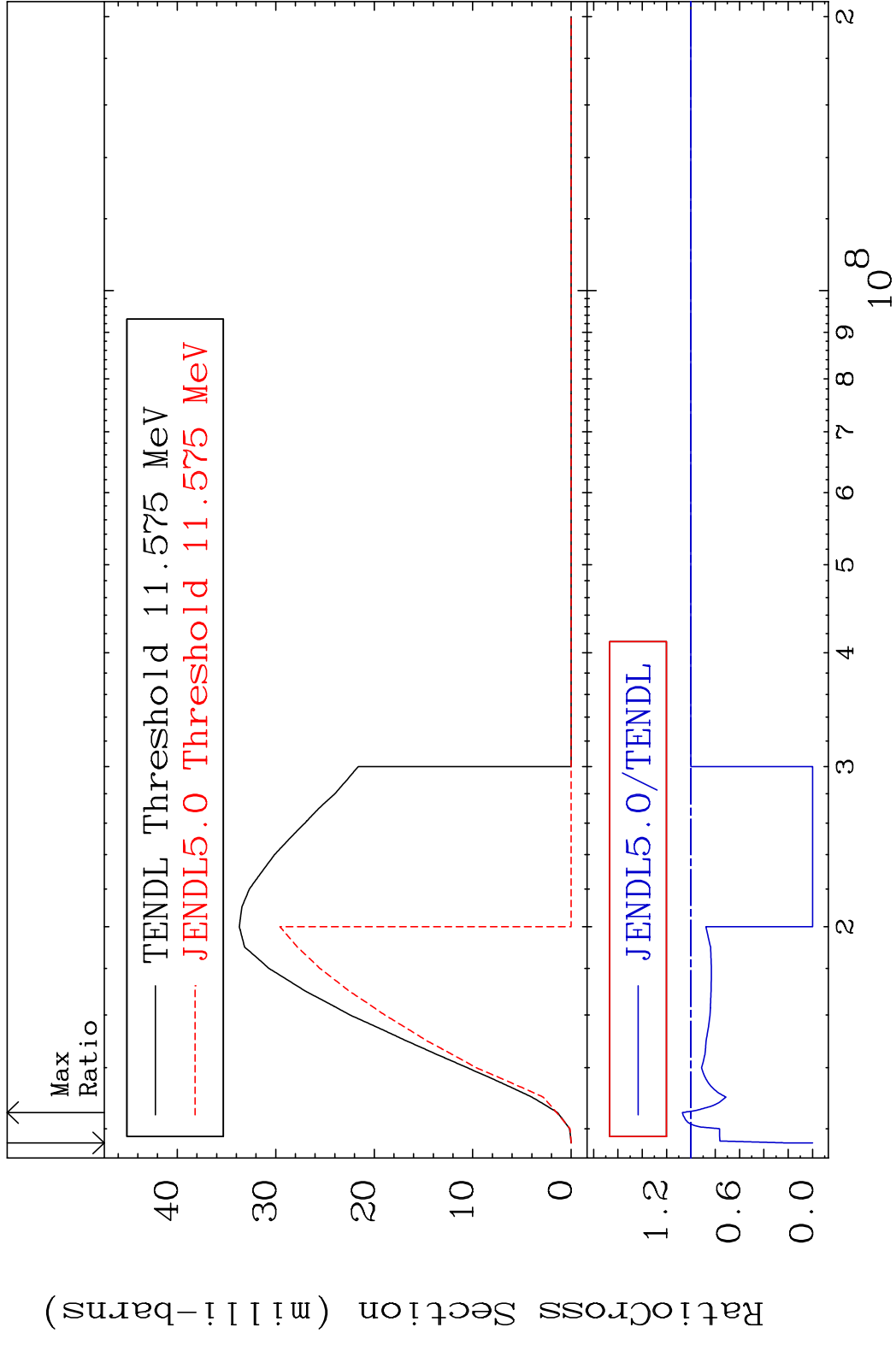


4

Incident Energy (eV)

11-Na-22

MAT 1122 (n,2n) 11-Na-22
 Cross Section -100.0 To 7.050 %

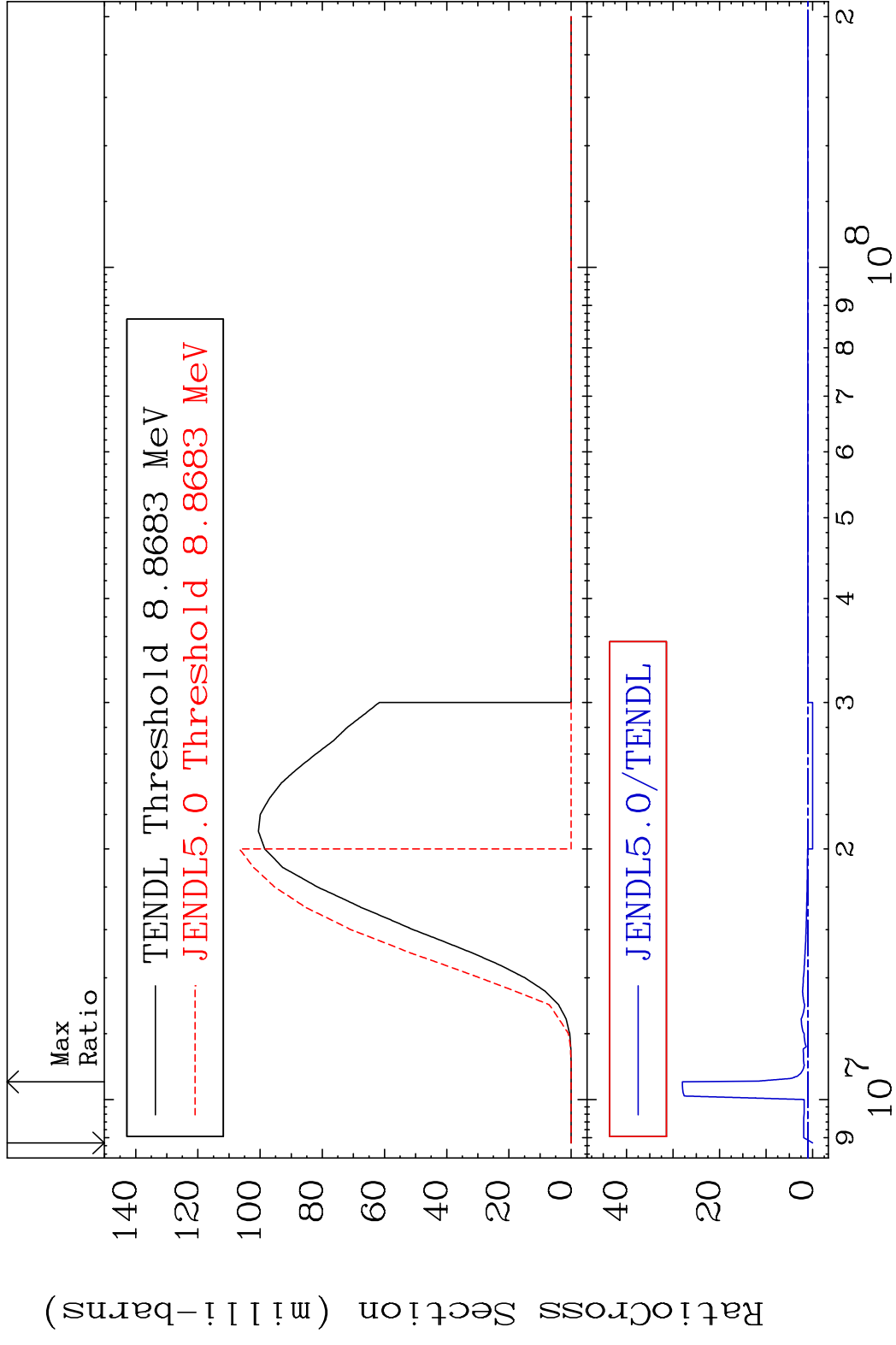


MAT 1122

(n, n') α

11-Na-22

Cross Section -100.0 To 2699. %

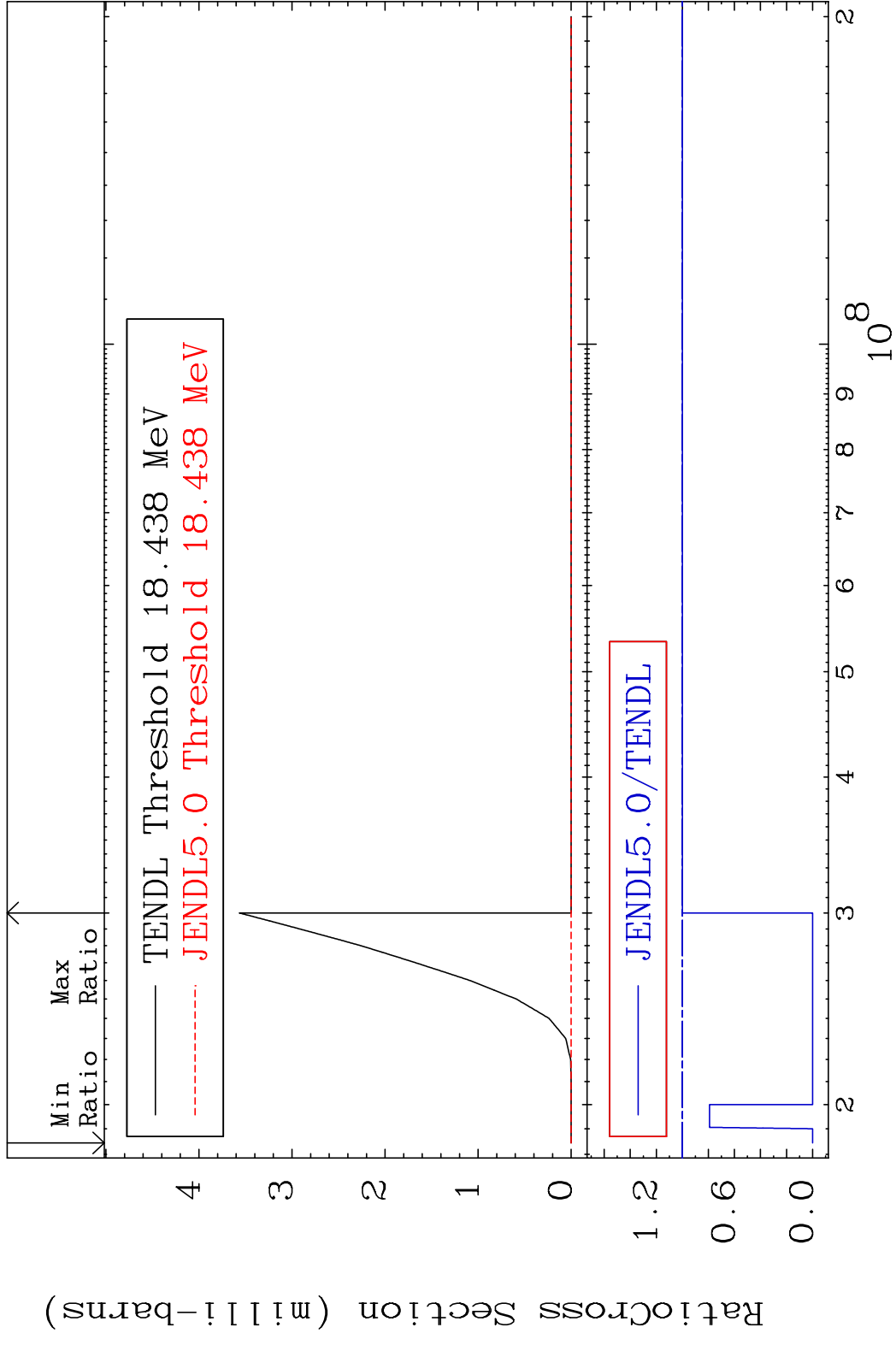


6

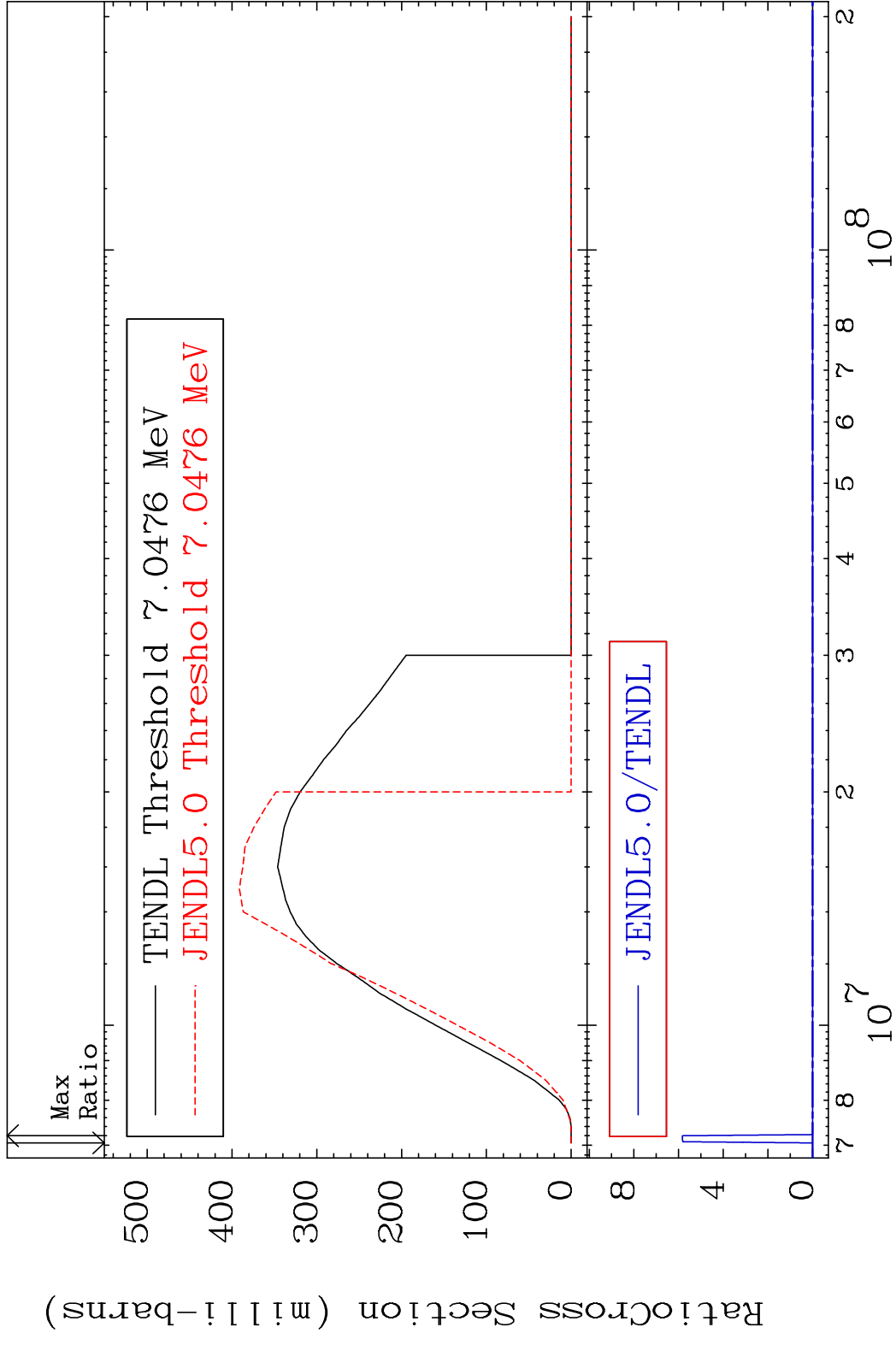
Incident Energy (eV)

11-Na-22

MAT 1122 (n,2n) α 11-Na-22
 Cross Section -100.0 To 0.000 %

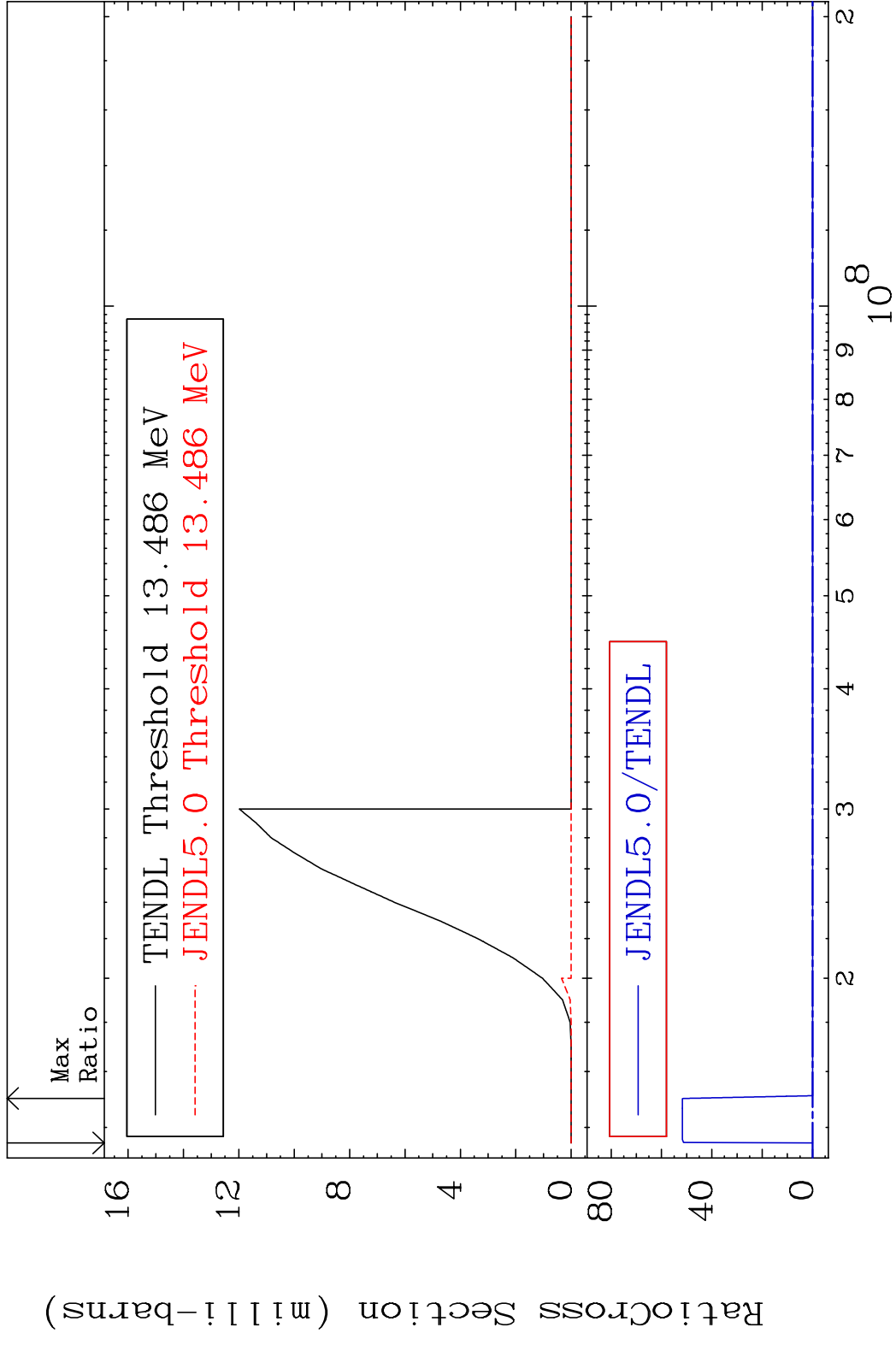


MAT 1122 (n, n') p 11-Na-22
 Cross Section -100.0 To 9999. %



8 8 11-Na-22

MAT 1122 (n, n') 2α 11-Na-22
 Cross Section -100.0 To 9999. %



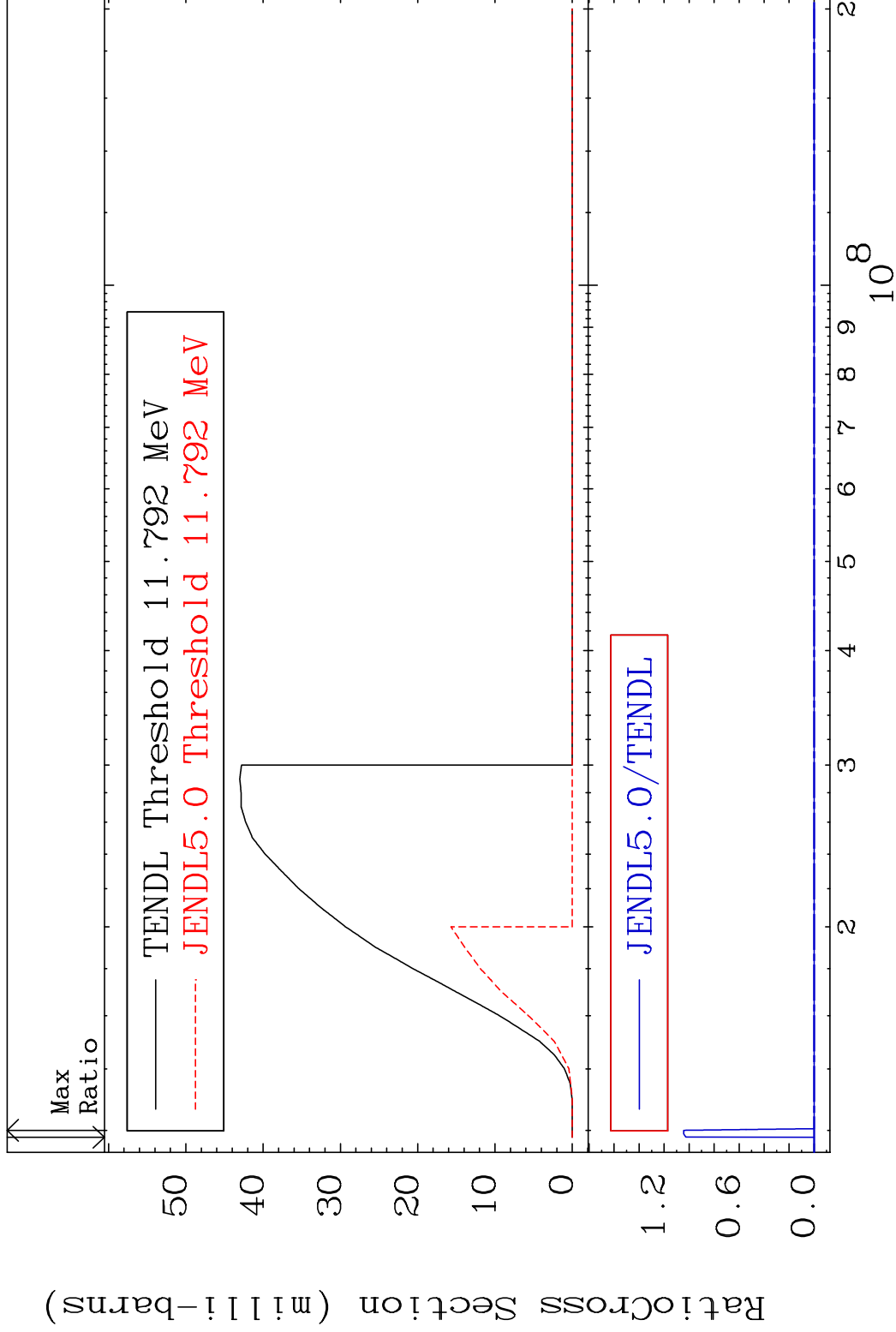
9 Incident Energy (eV) 11-Na-22

MAT 1122

(n,n') d

11-Na-22

Cross Section -100.0 To 9999. %

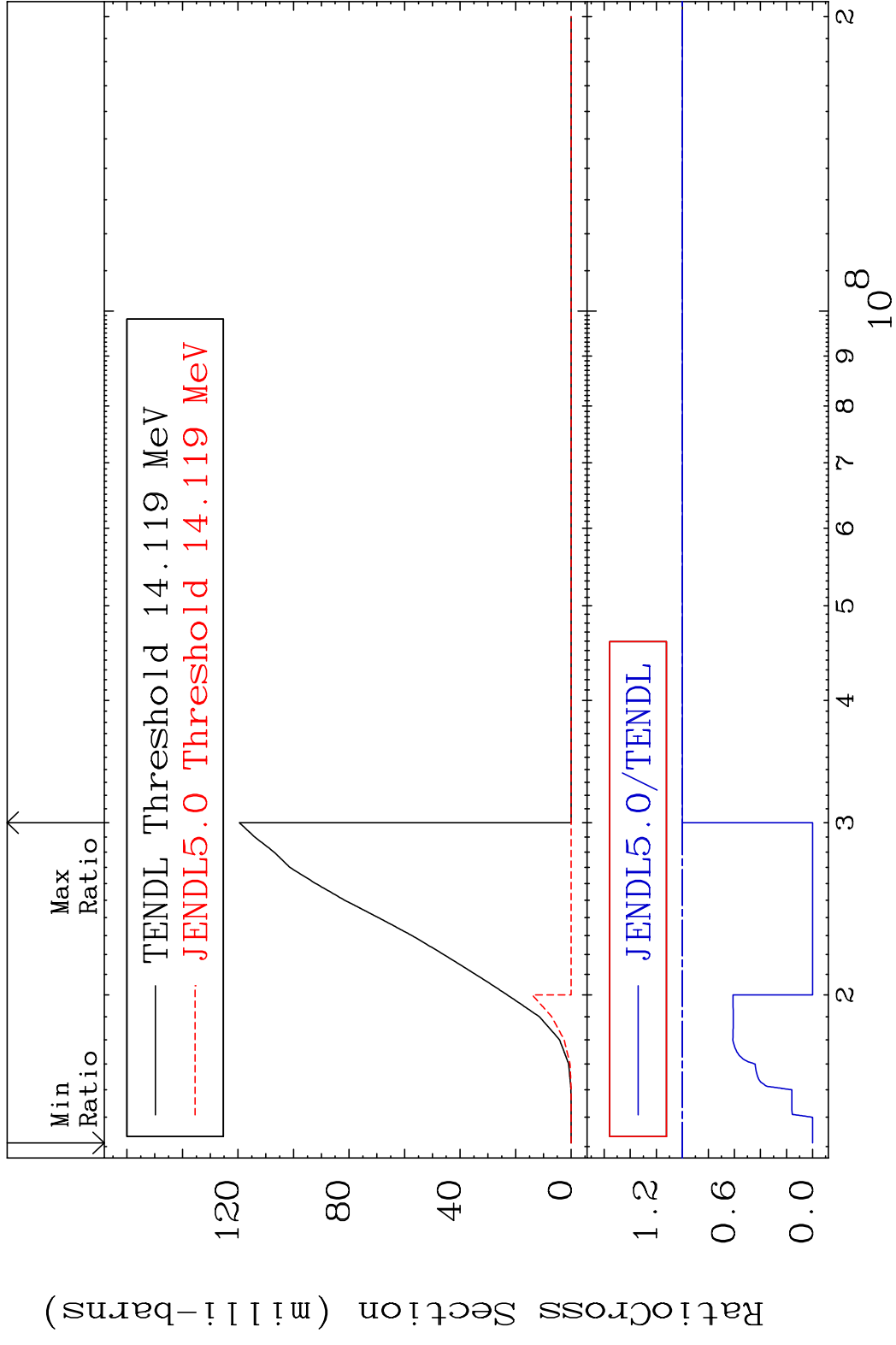


10

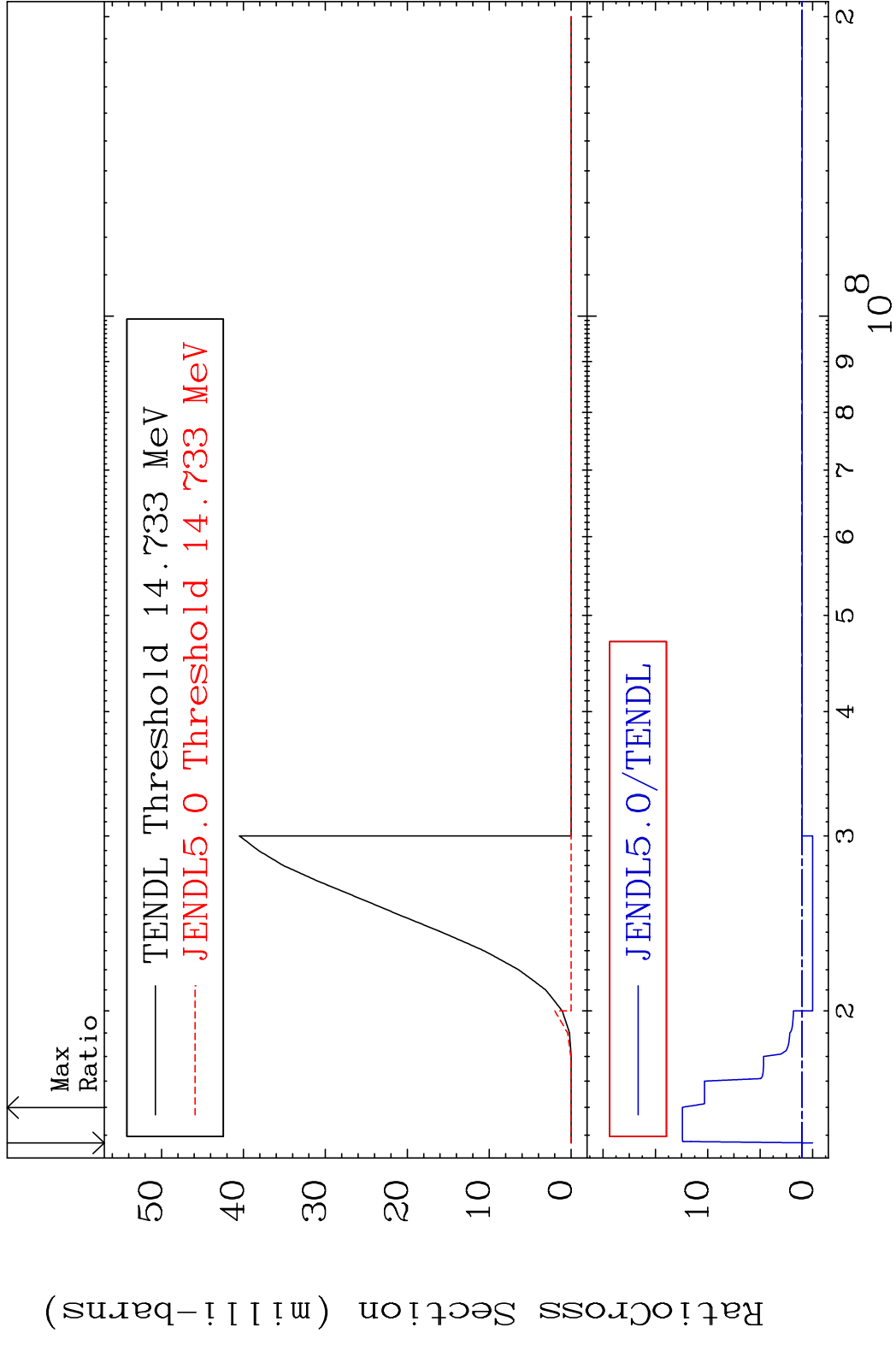
Incident Energy (eV)

11-Na-22

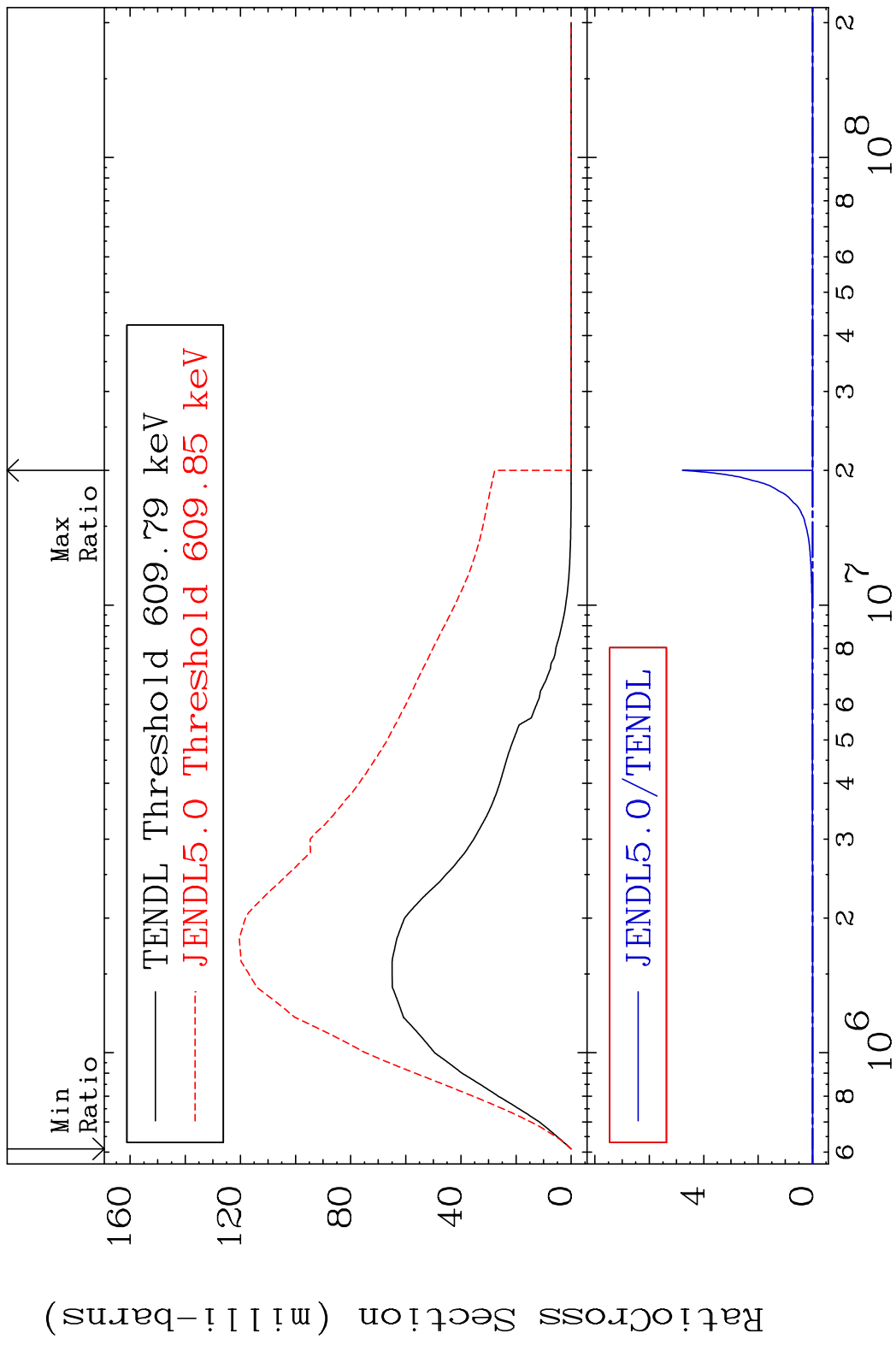
MAT 1122 (n,2n) p 11-Na-22
 Cross Section -100.0 To 0.000 %



MAT 1122 (n,n') p α 11-Na-22
 Cross Section -100.0 To 1143. %

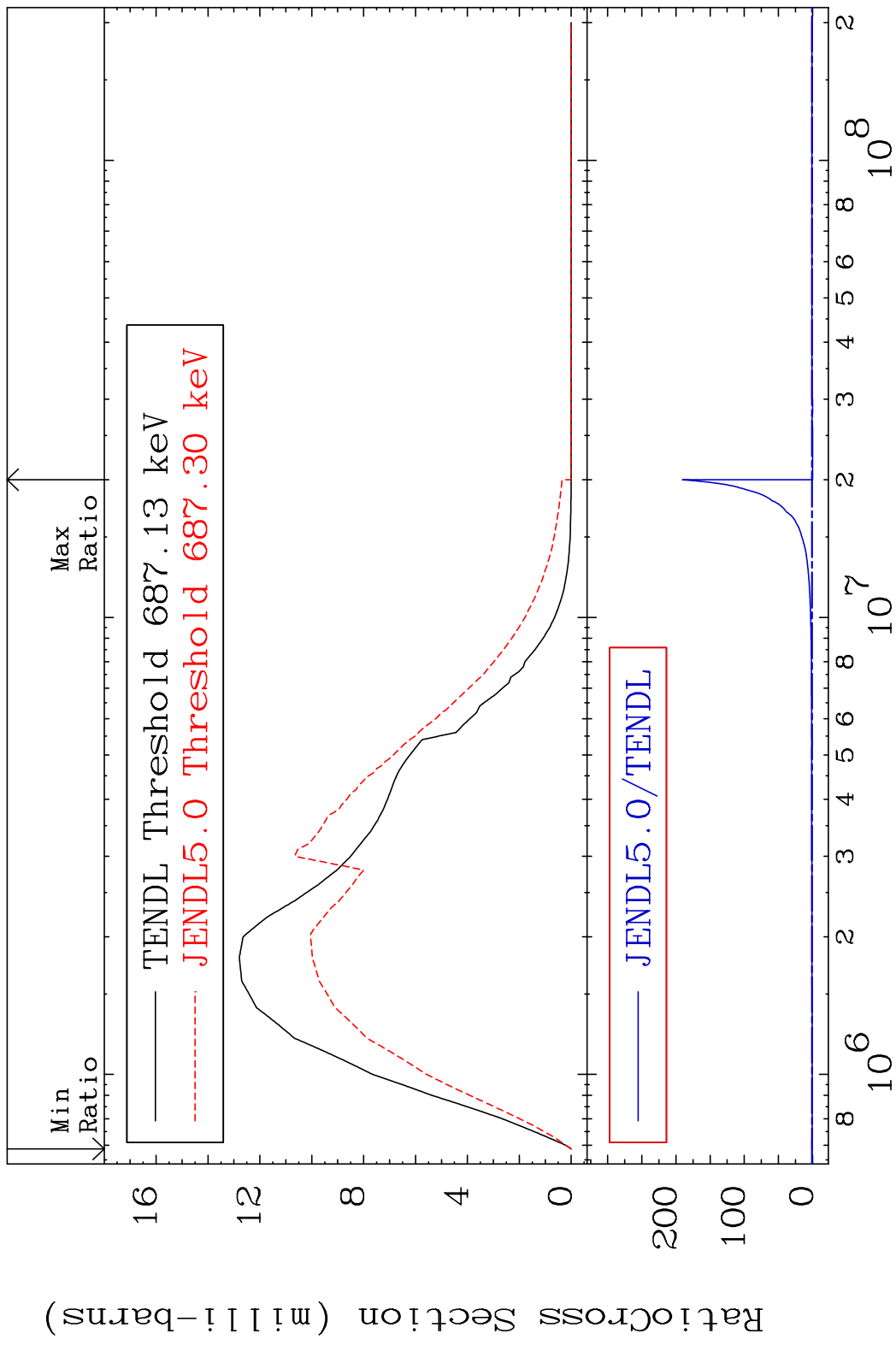


MAT 1122 MT= 51 (n, n') Level 11-Na-22
 Cross Section -100.0 To 9999. %

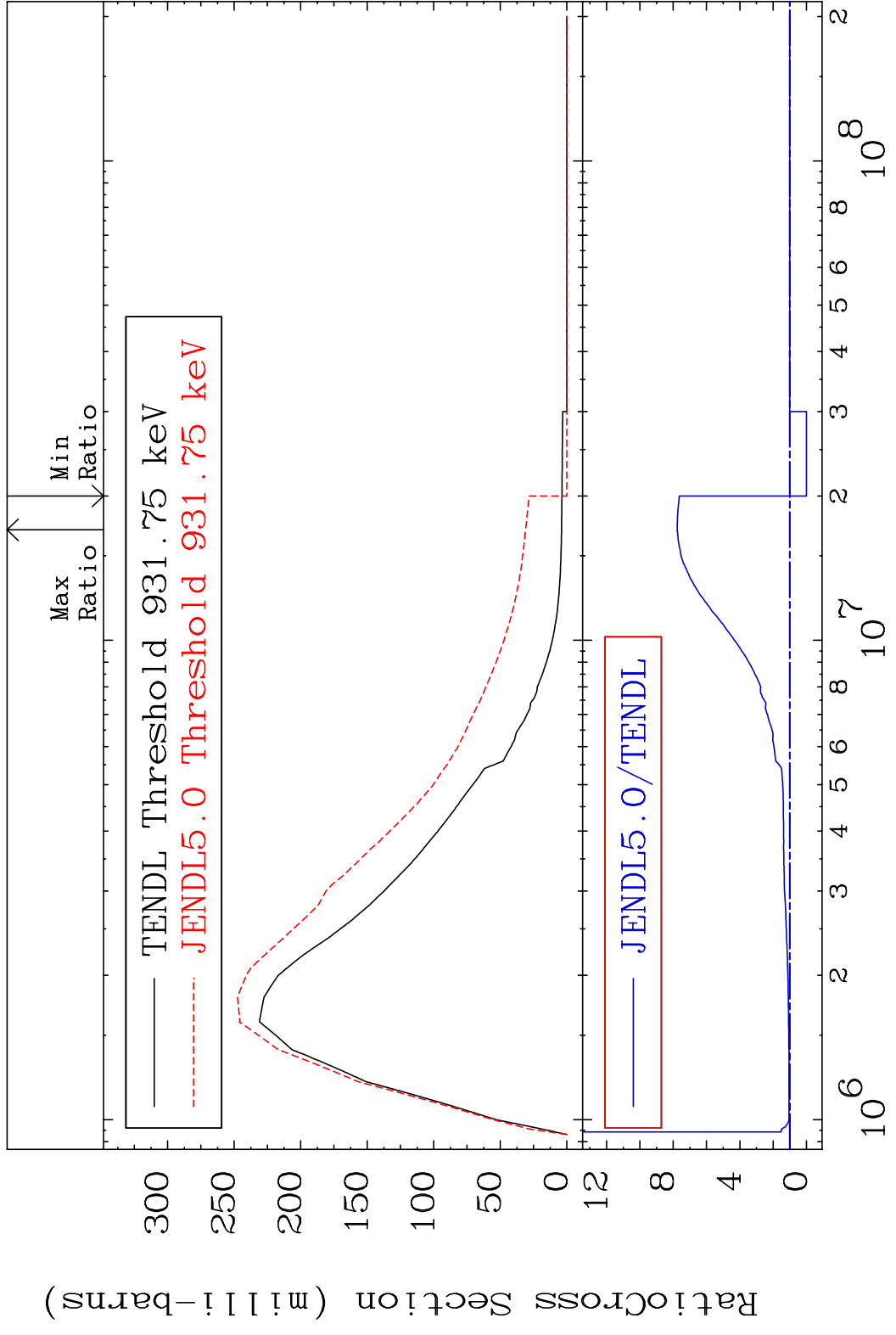


13 11-Na-22

MAT 1122 MT= 52 (n, n') Level 11-Na-22
 Cross Section -100.0 To 9999. %

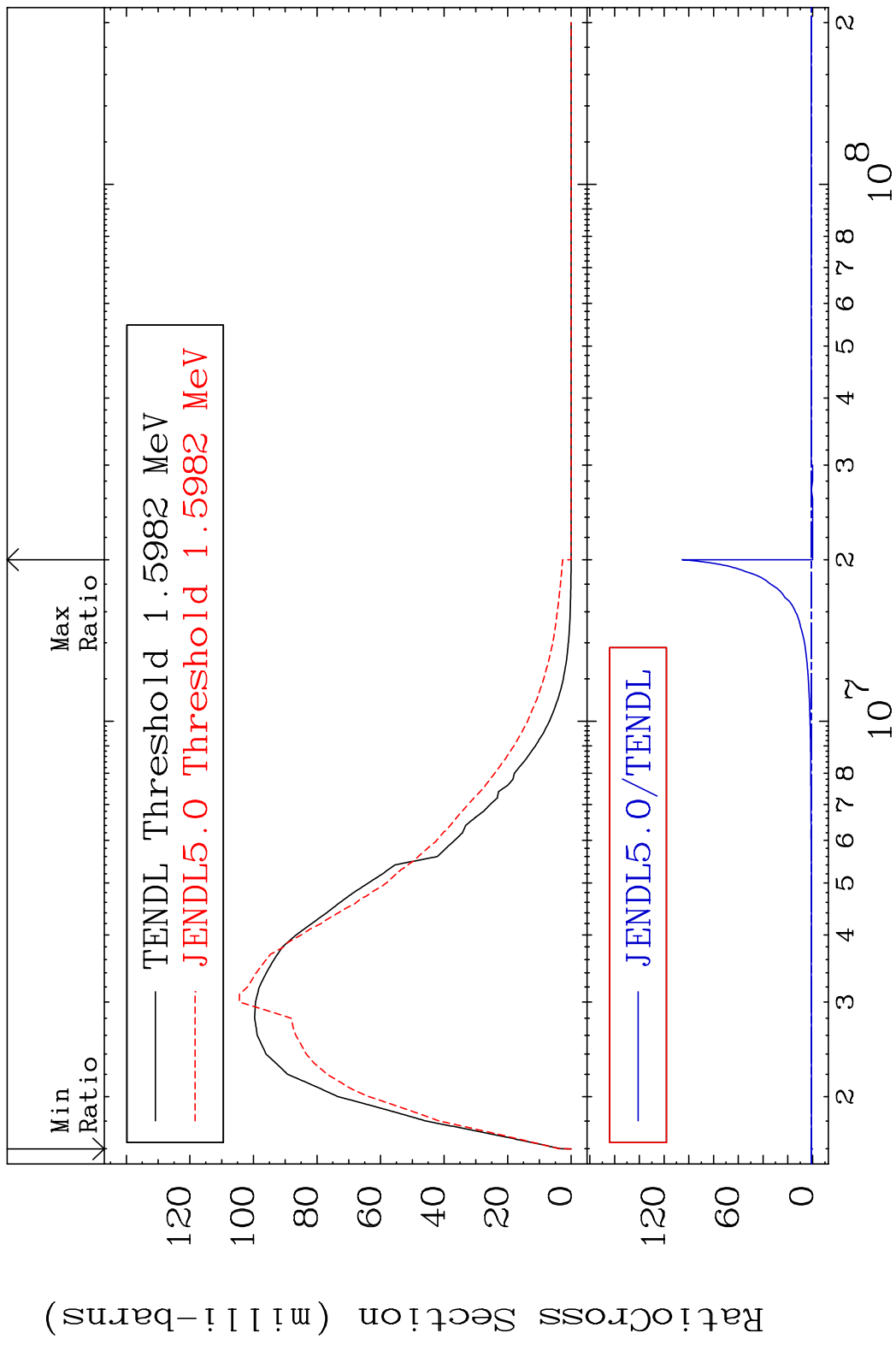


MAT 1122 MT= 53 (n, n') Level 11-Na-22
 Cross Section -100.0 To 676.1 %

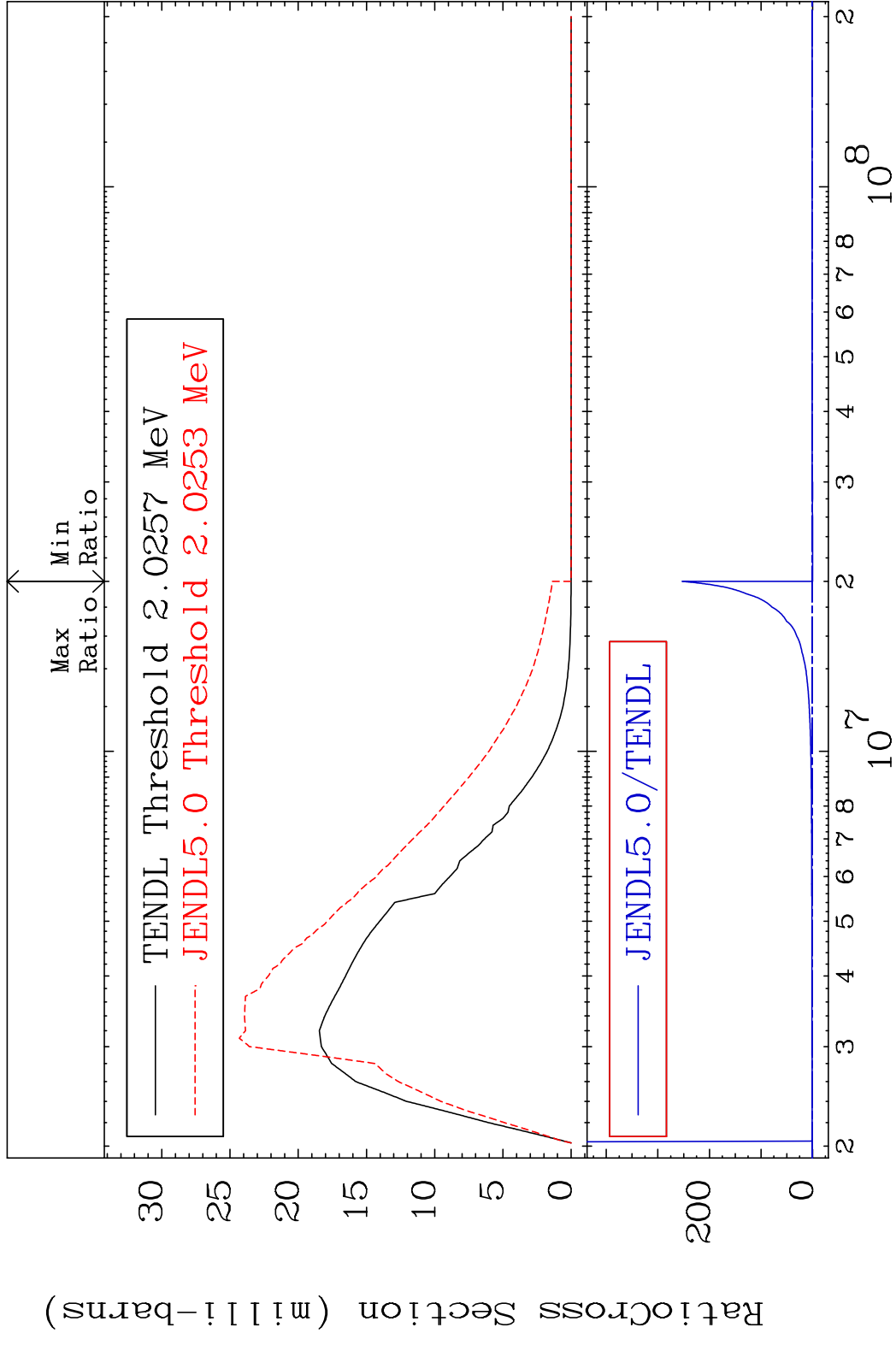


15 Incident Energy (eV) 11-Na-22

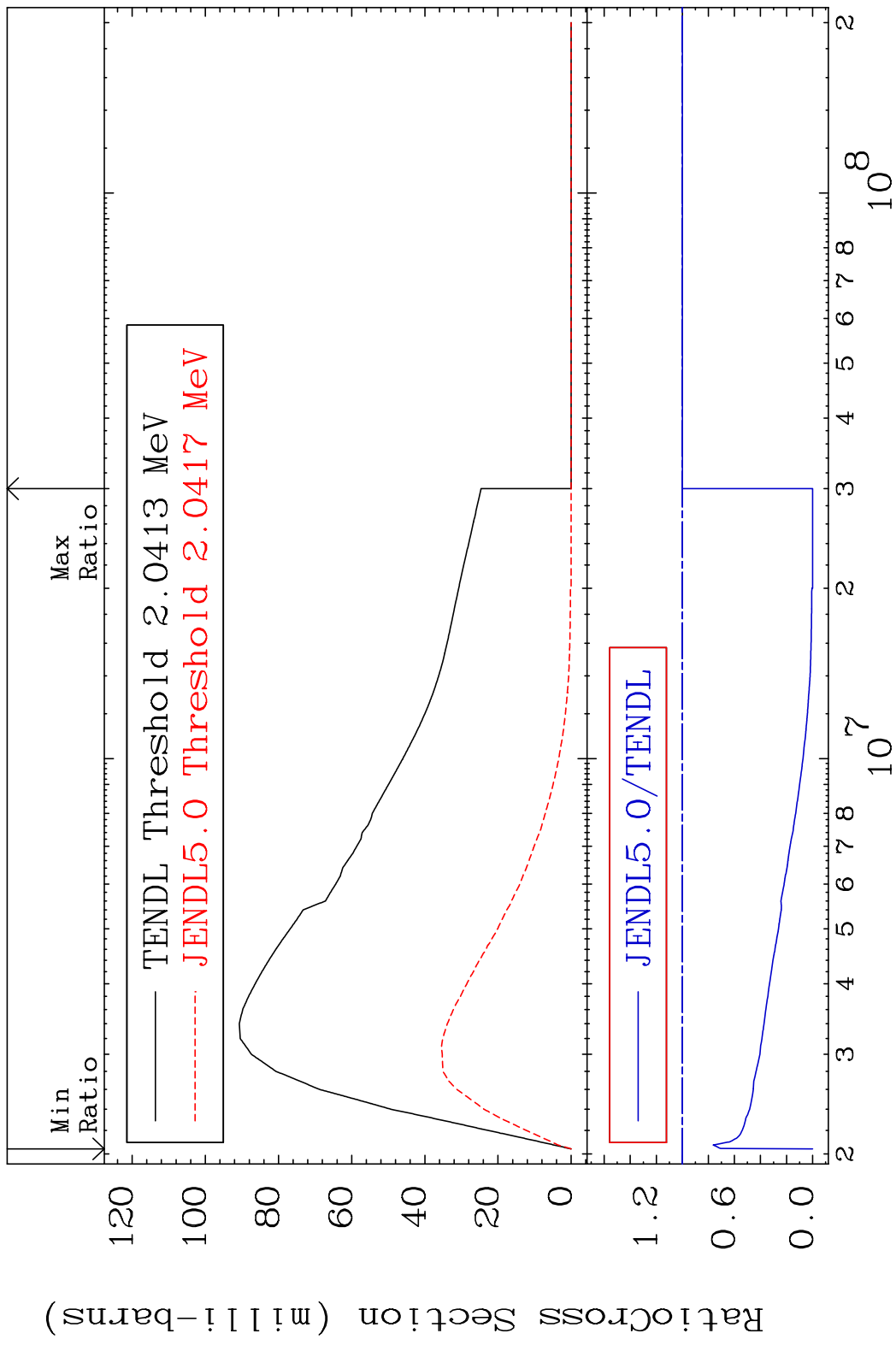
MAT 1122 MT= 54 (n, n') Level 11-Na-22
 Cross Section -100.0 To 9999. %



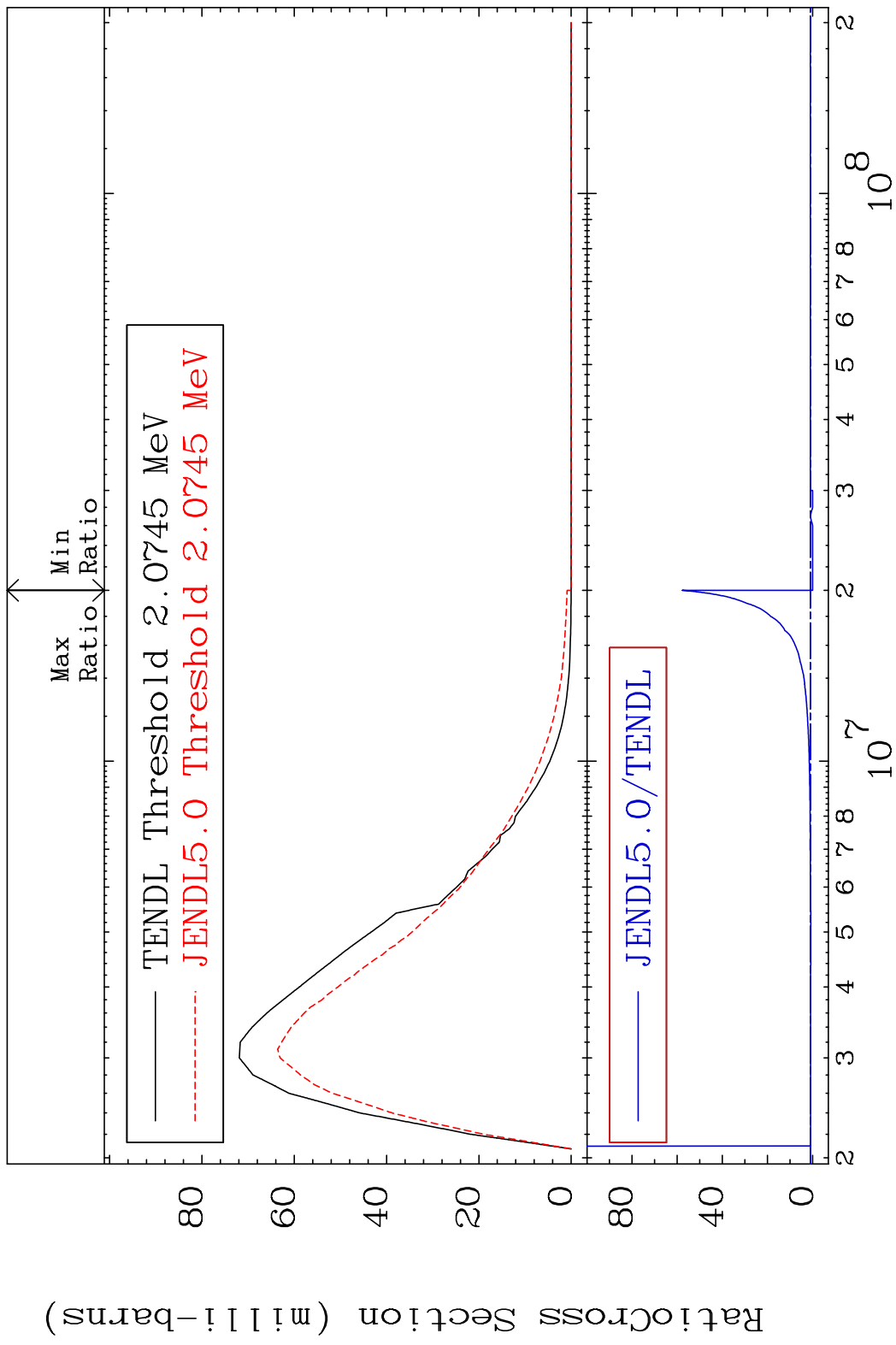
MAT 1122 MT= 55 (n, n') Level 11-Na-22
 Cross Section -100.0 To 9999. %



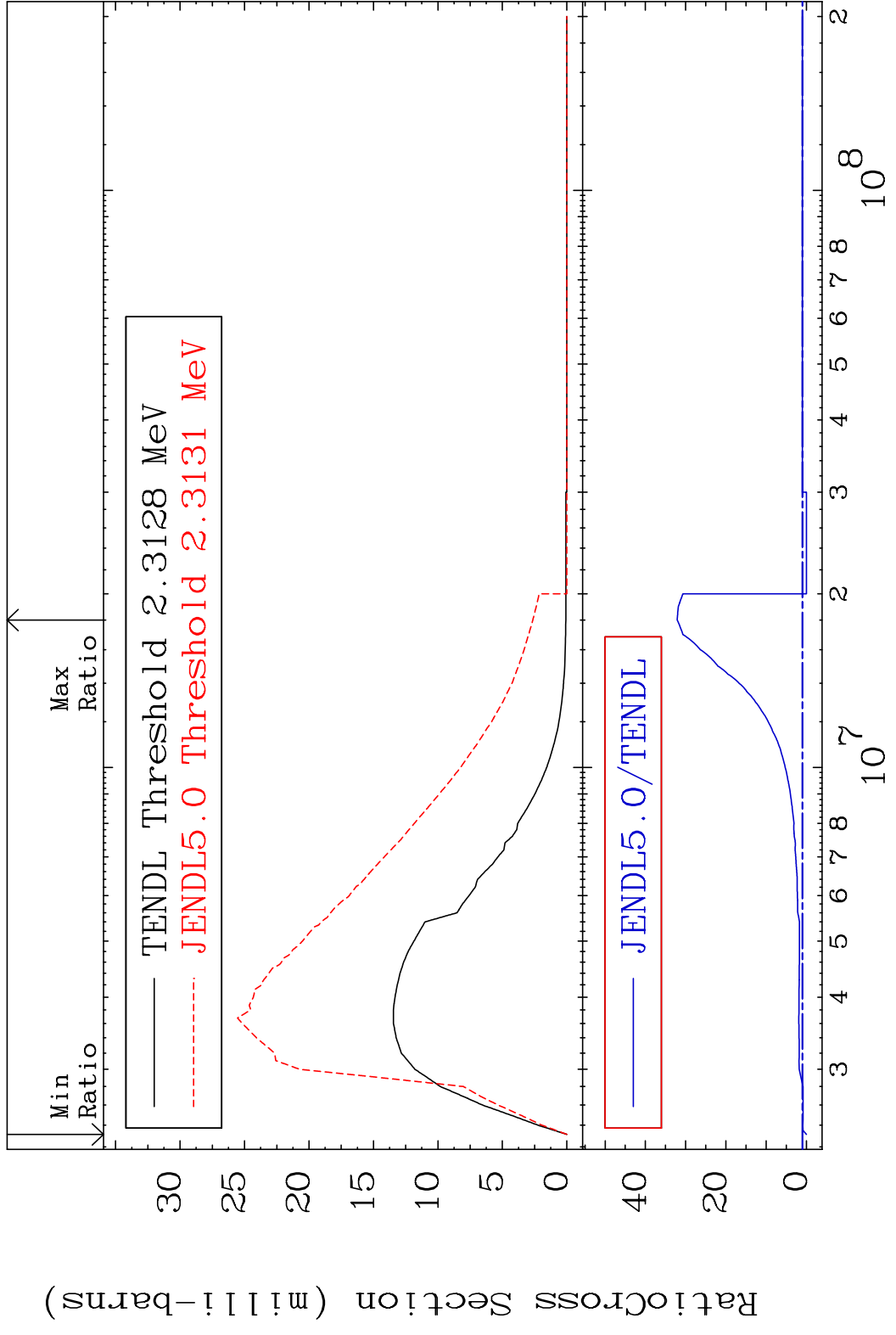
MAT 1122 MT= 56 (n, n') Level 11-Na-22
 Cross Section -100.0 To 0.000 %



MAT 1122 MT= 57 (n, n') Level 11-Na-22
 Cross Section -100.0 To 5668. %

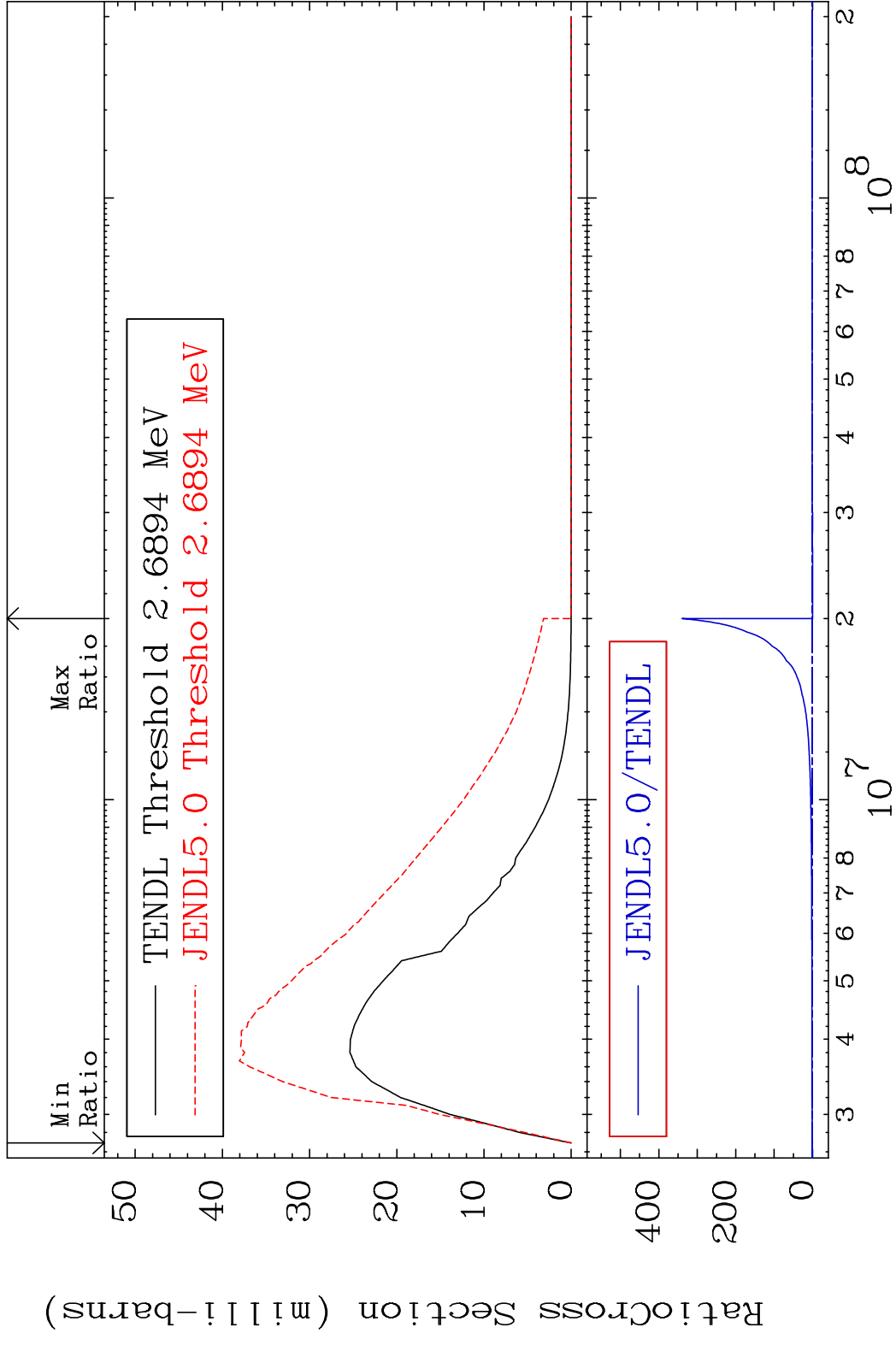


MAT 1122 MT= 58 (n, n') Level 11-Na-22
 Cross Section -100.0 To 3110. %

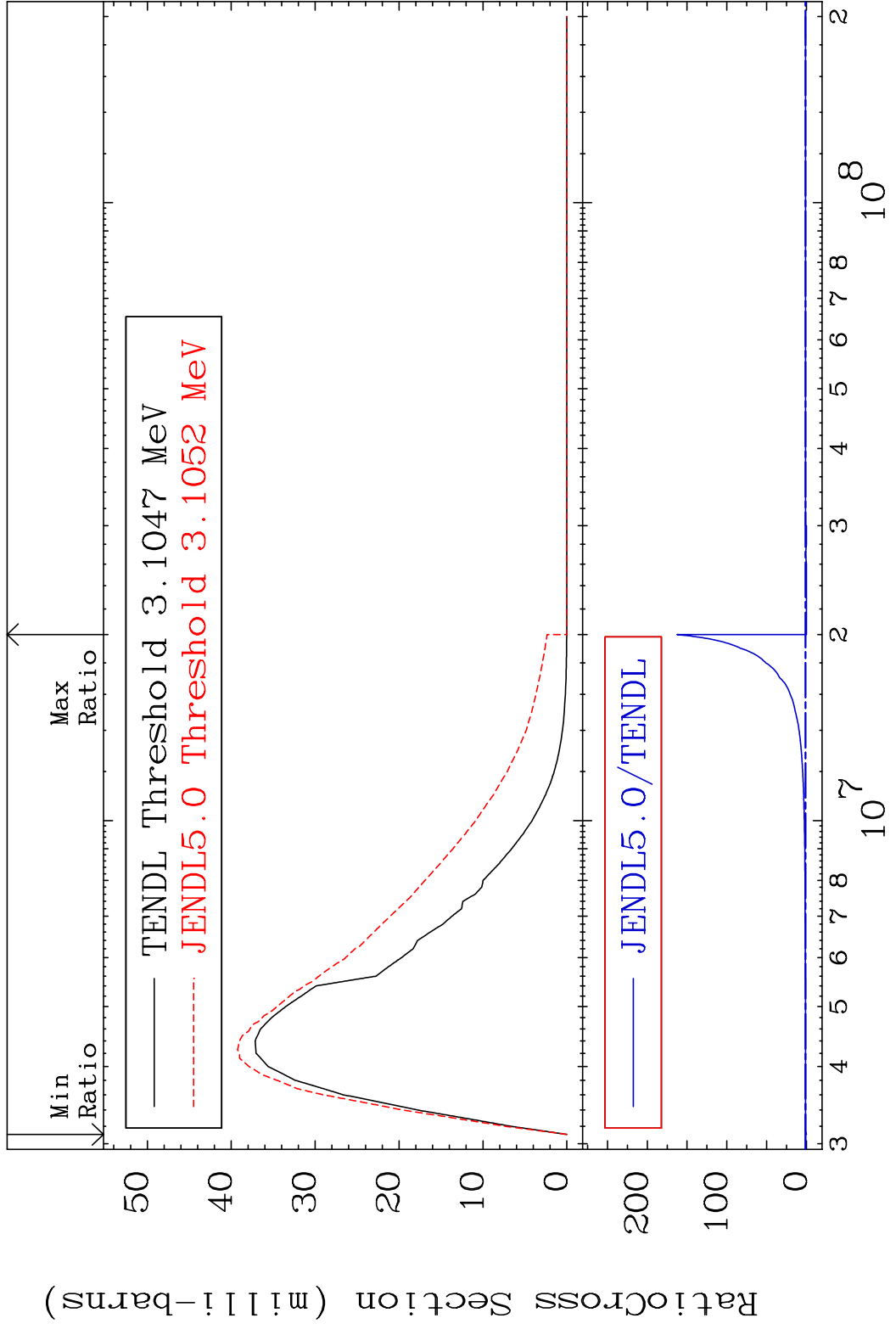


20 11-Na-22

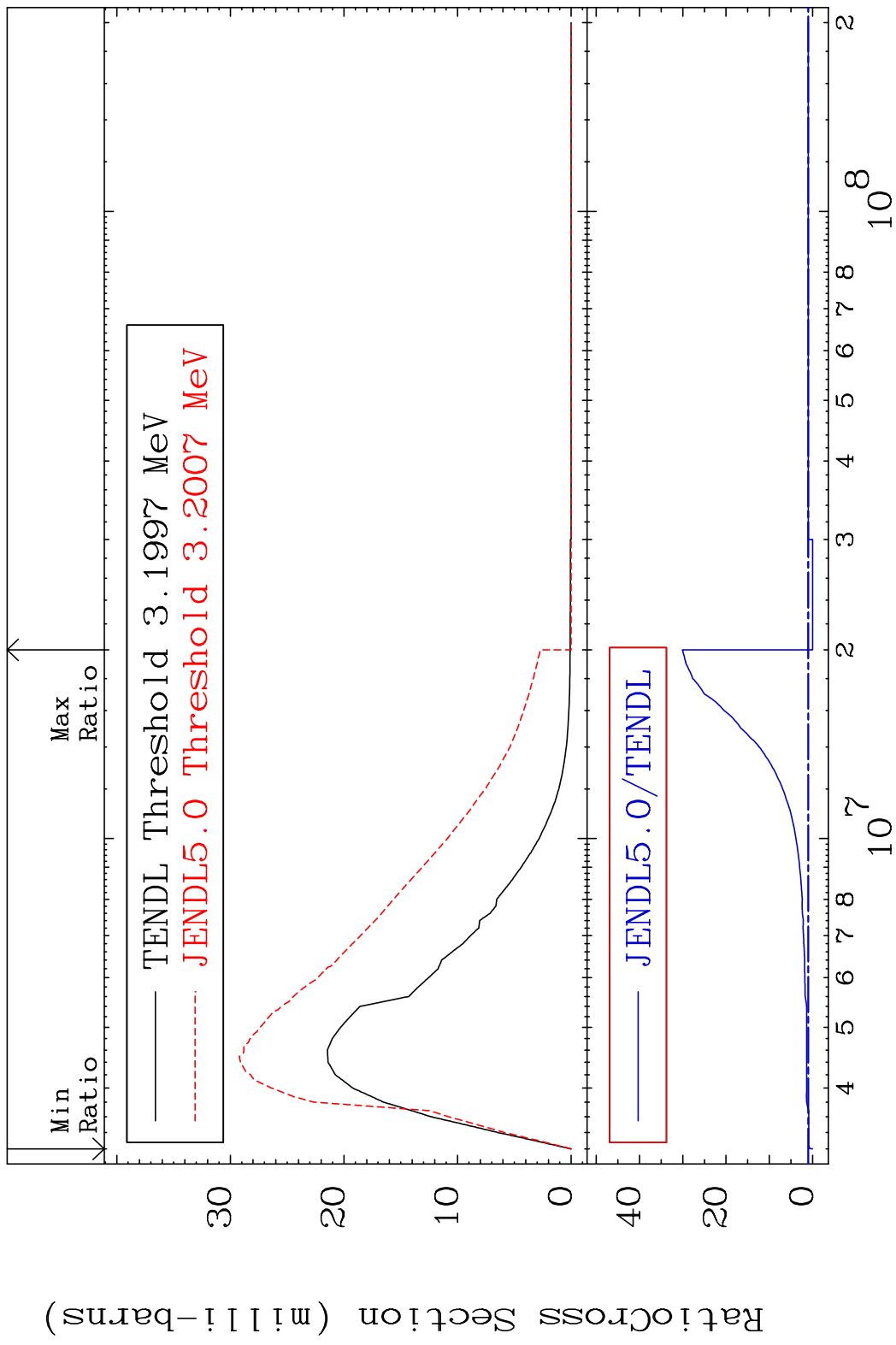
MAT 1122 MT= 59 (n, n') Level 11-Na-22
 Cross Section -100.0 To 9999. %



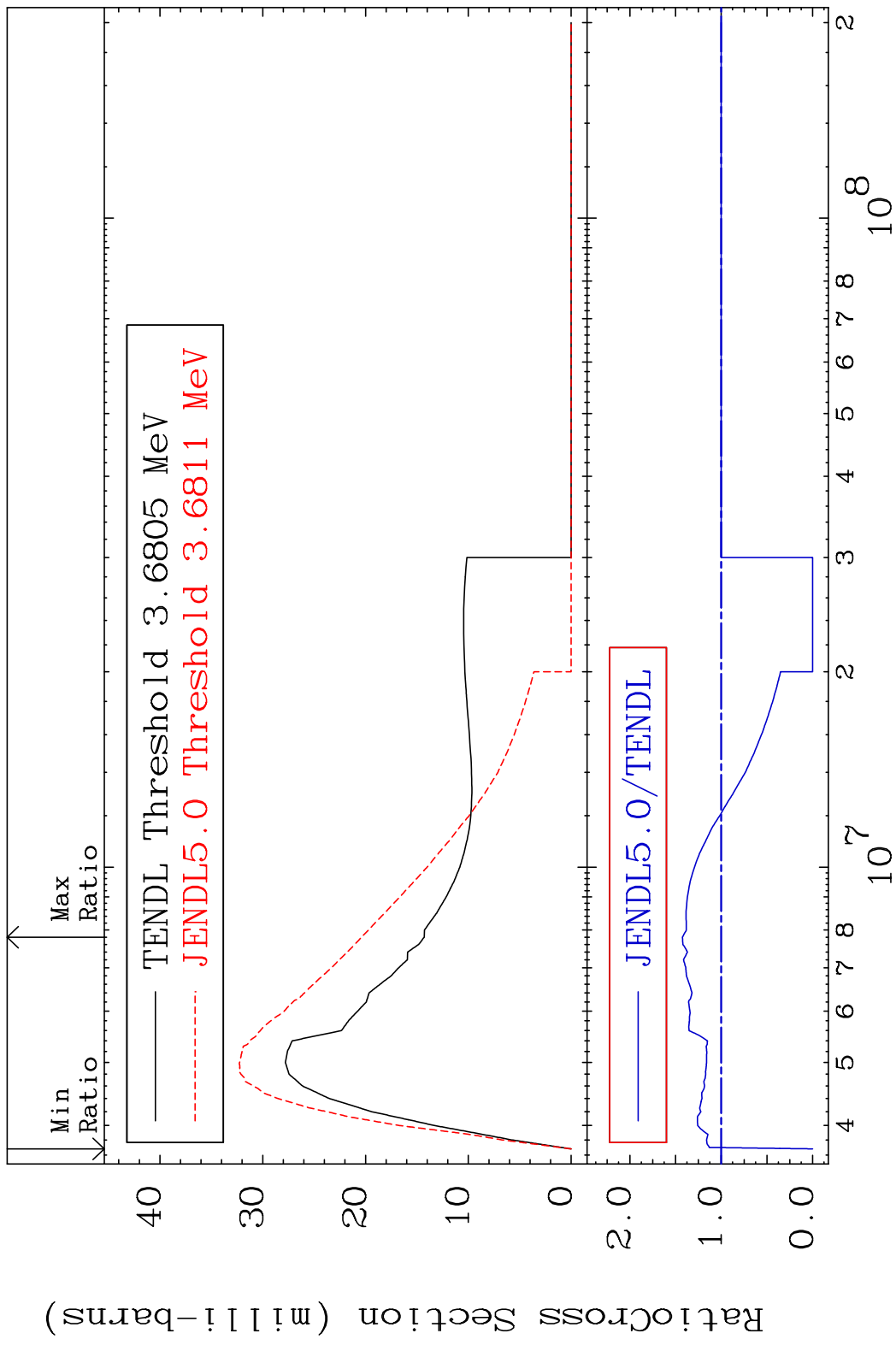
MAT 1122 MT= 60 (n, n') Level 11-Na-22
 Cross Section -100.0 To 9999. %



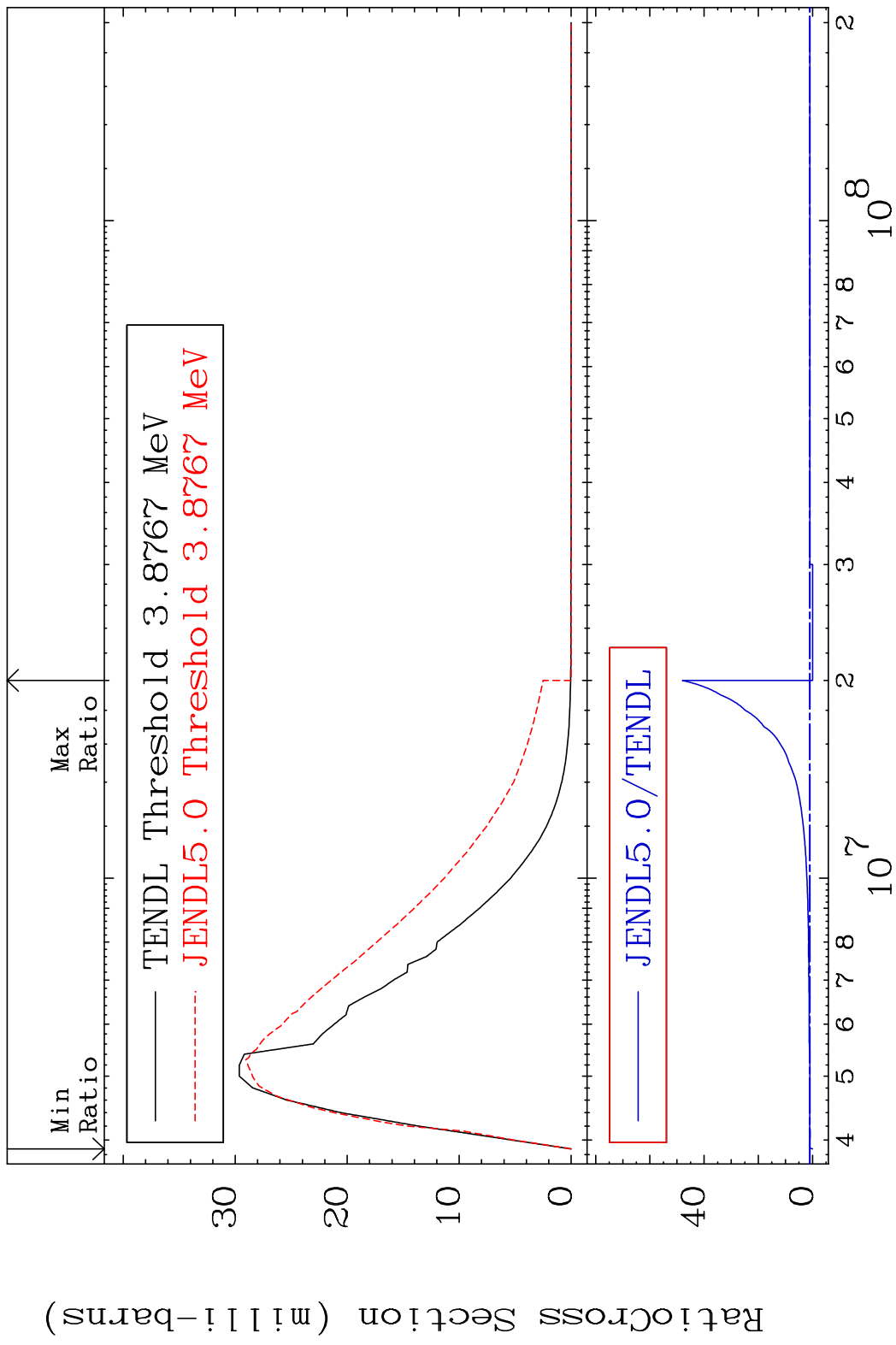
MAT 1122 MT= 61 (n, n') Level 11-Na-22
 Cross Section -100.0 To 2910. %



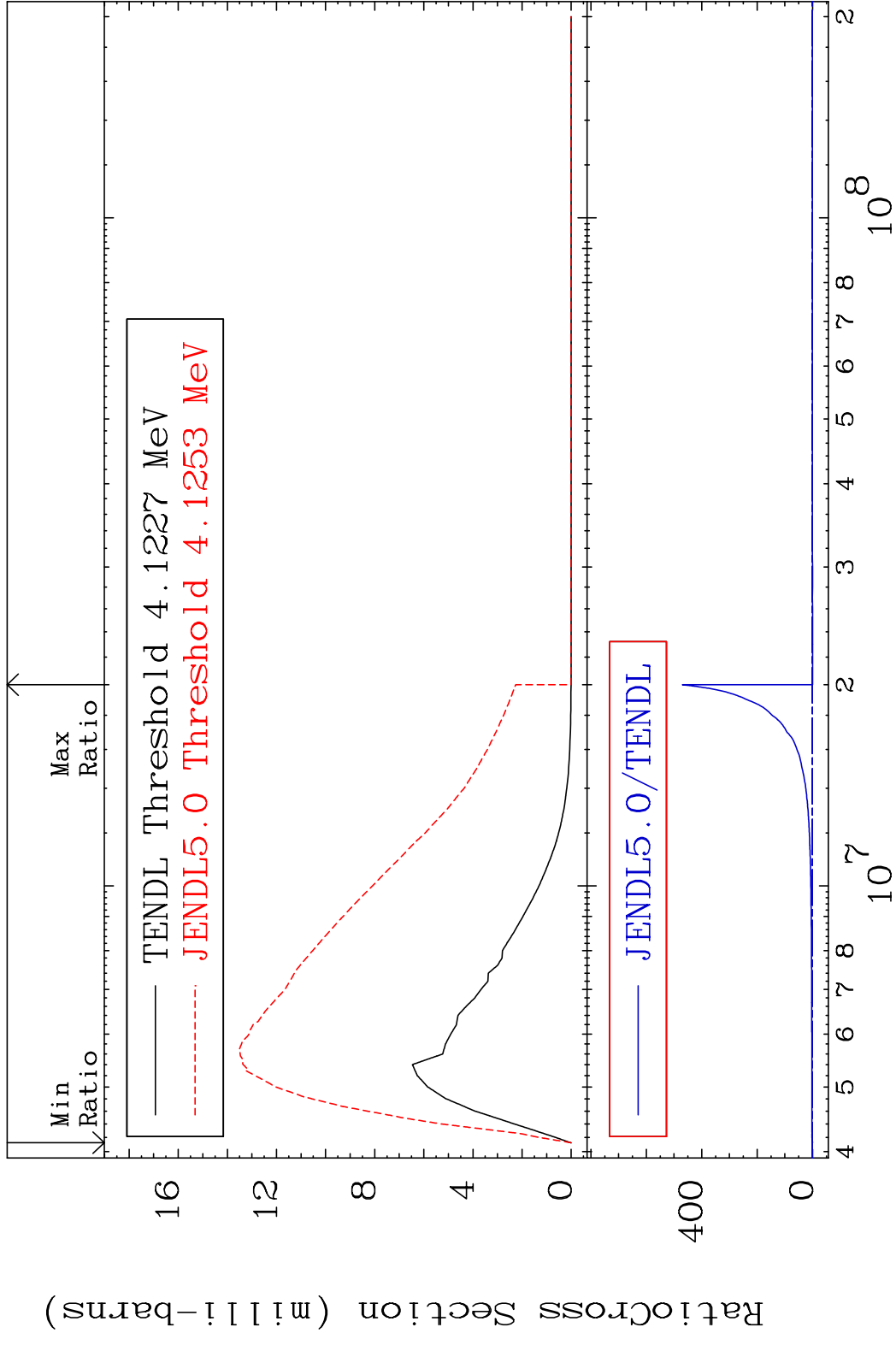
MAT 1122 MT= 62 (n, n') Level 11-Na-22
 Cross Section -100.0 To 42.61 %



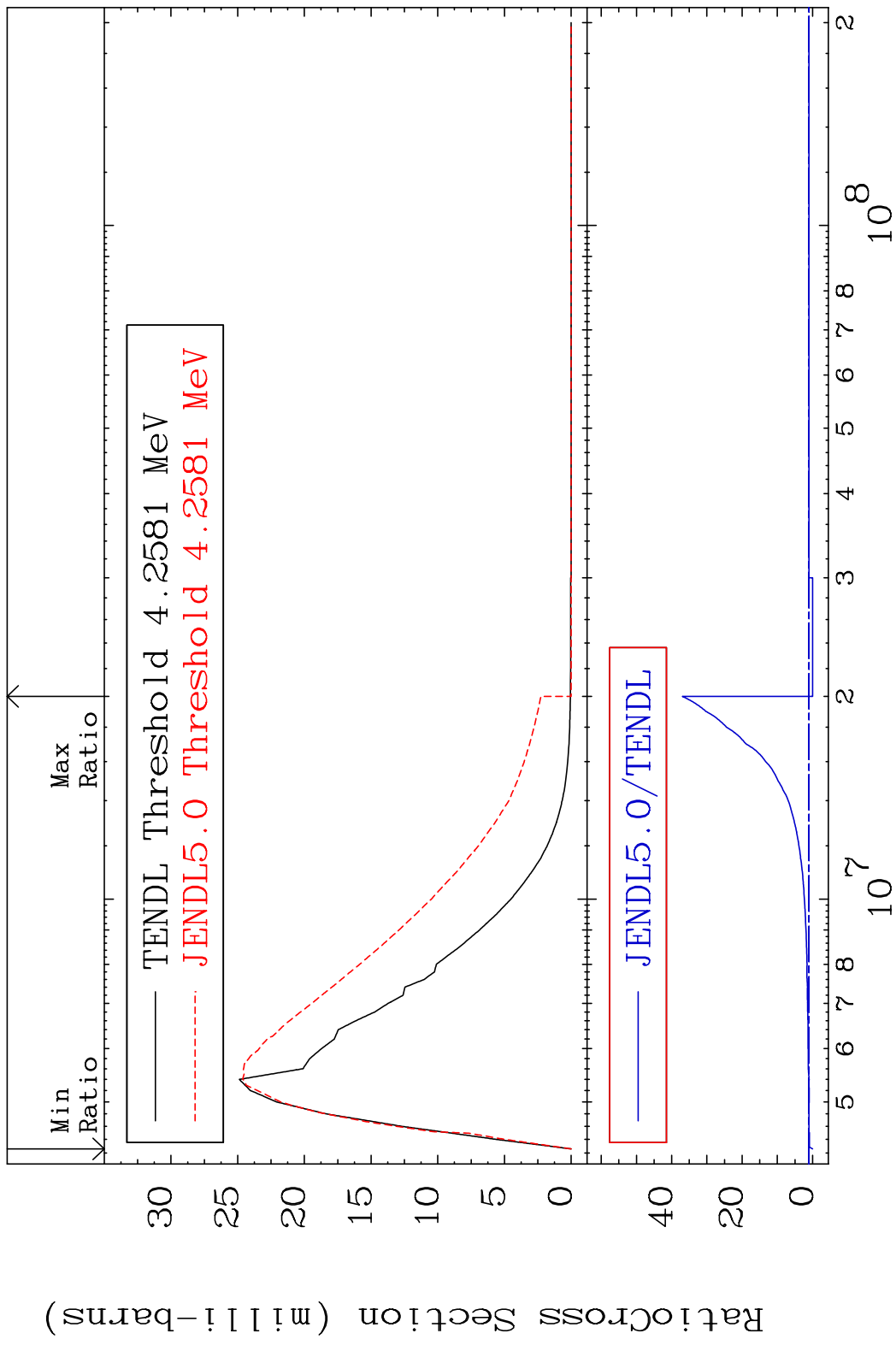
MAT 1122 MT= 63 (n, n') Level 11-Na-22
 Cross Section -100.0 To 4702. %



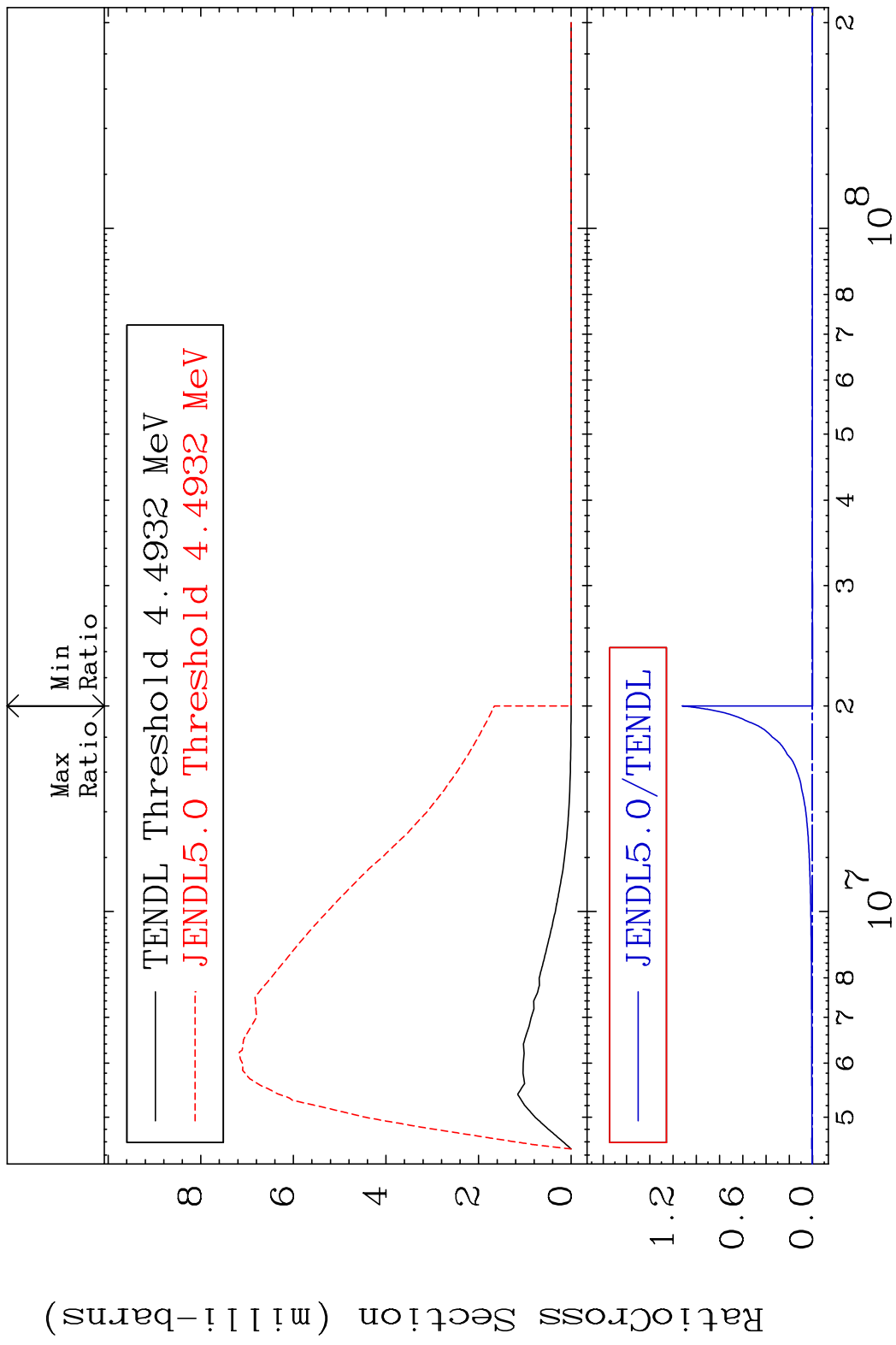
MAT 1122 MT= 64 (n, n') Level 11-Na-22
 Cross Section -100.0 To 9999. %



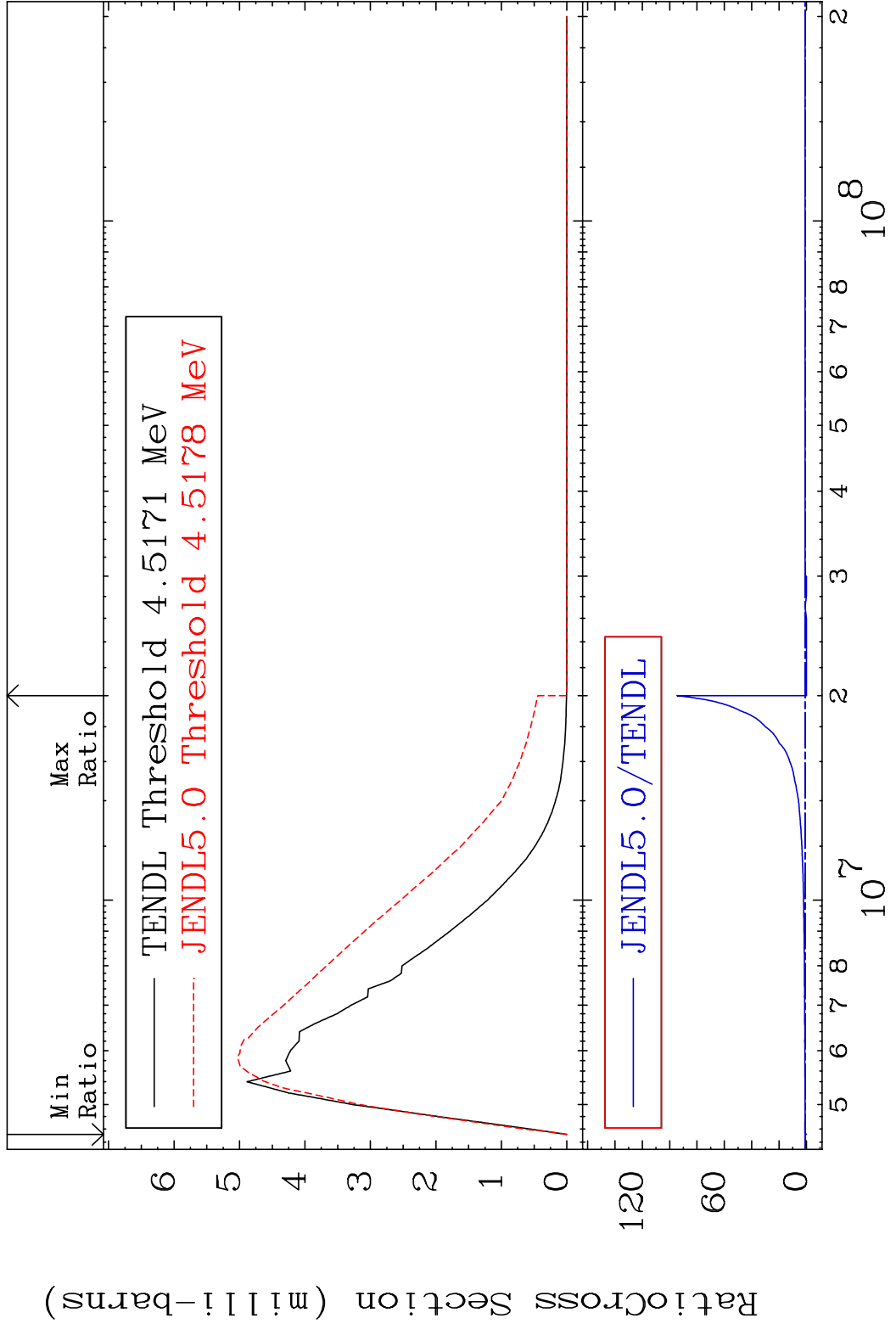
MAT 1122 MT= 65 (n, n') Level 11-Na-22
 Cross Section -100.0 To 3597. %



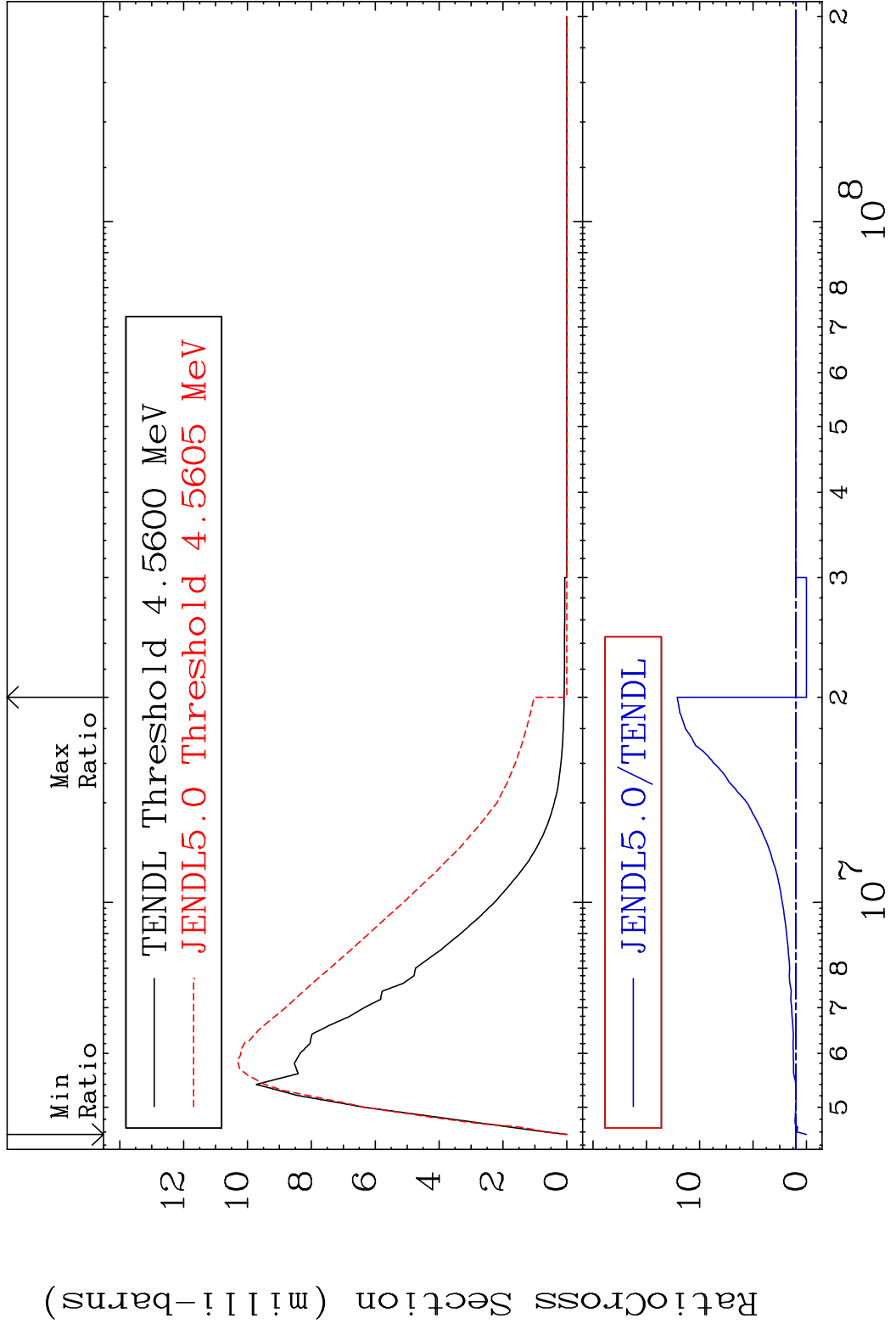
MAT 1122 MT= 66 (n, n') Level 11-Na-22
 Cross Section -100.0 To 9999. %



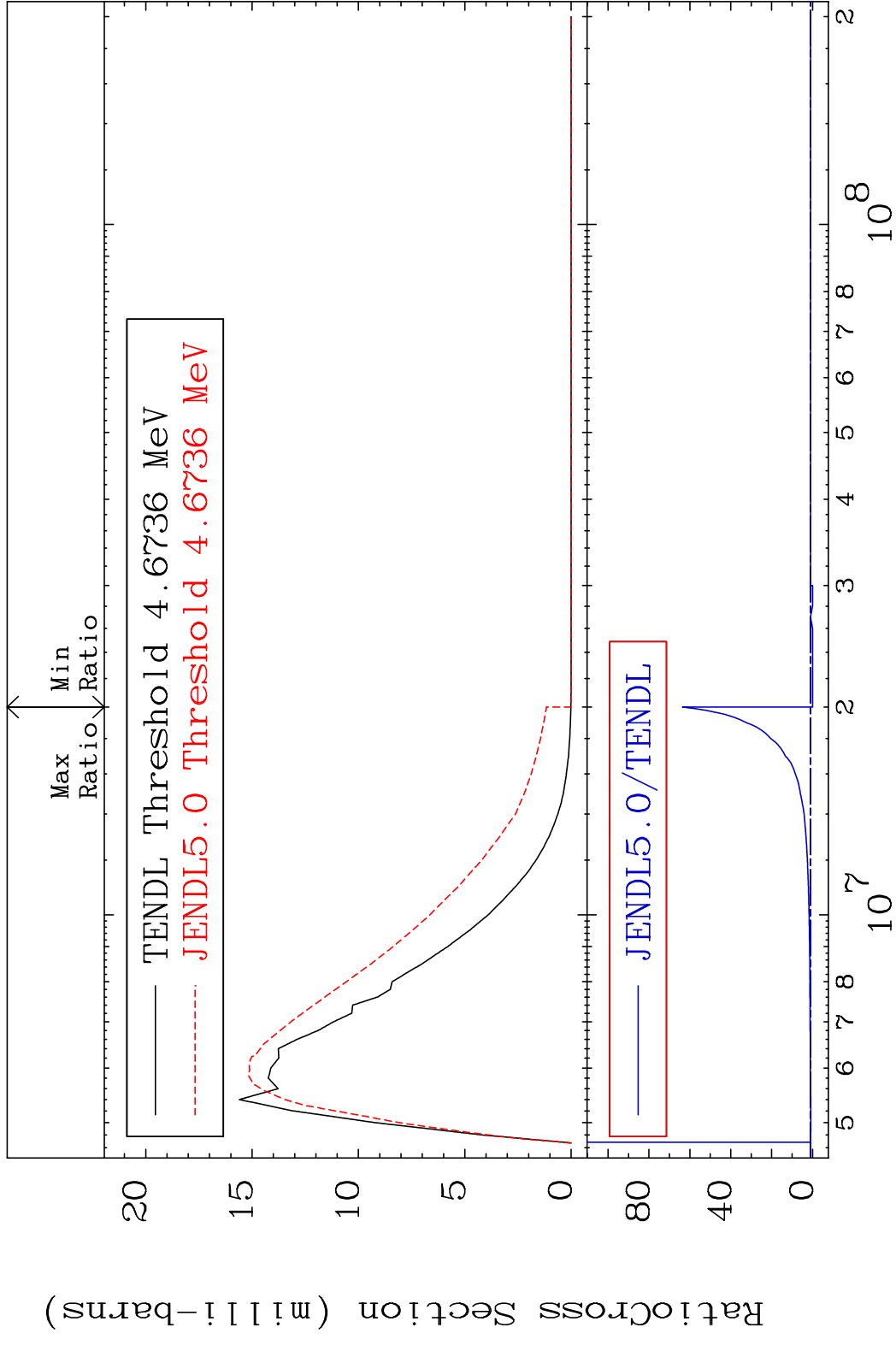
MAT 1122 MT= 67 (n, n') Level 11-Na-22
 Cross Section -100.0 To 9349. %



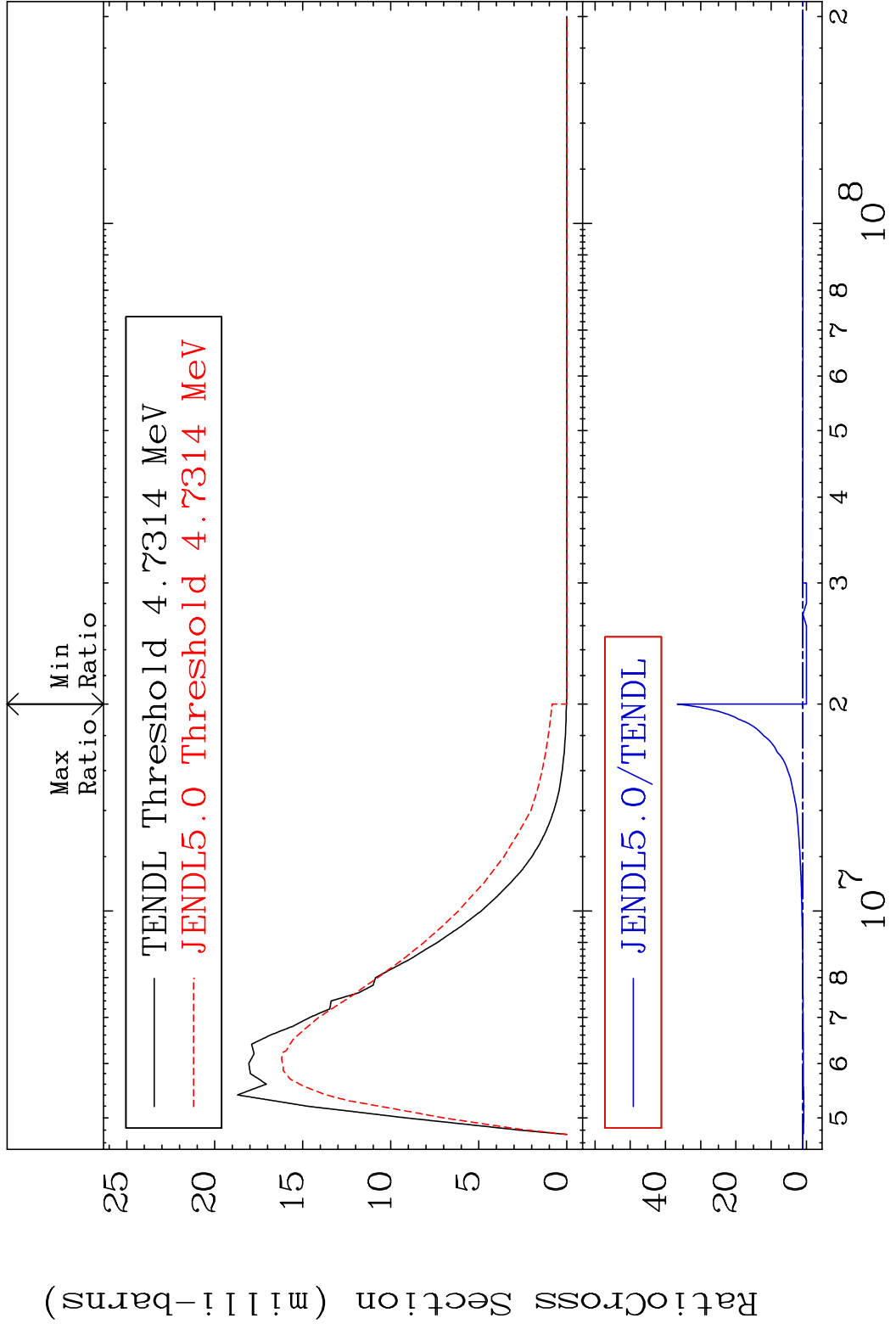
MAT 1122 MT= 68 (n, n') Level 11-Na-22
 Cross Section -100.0 To 1111. %



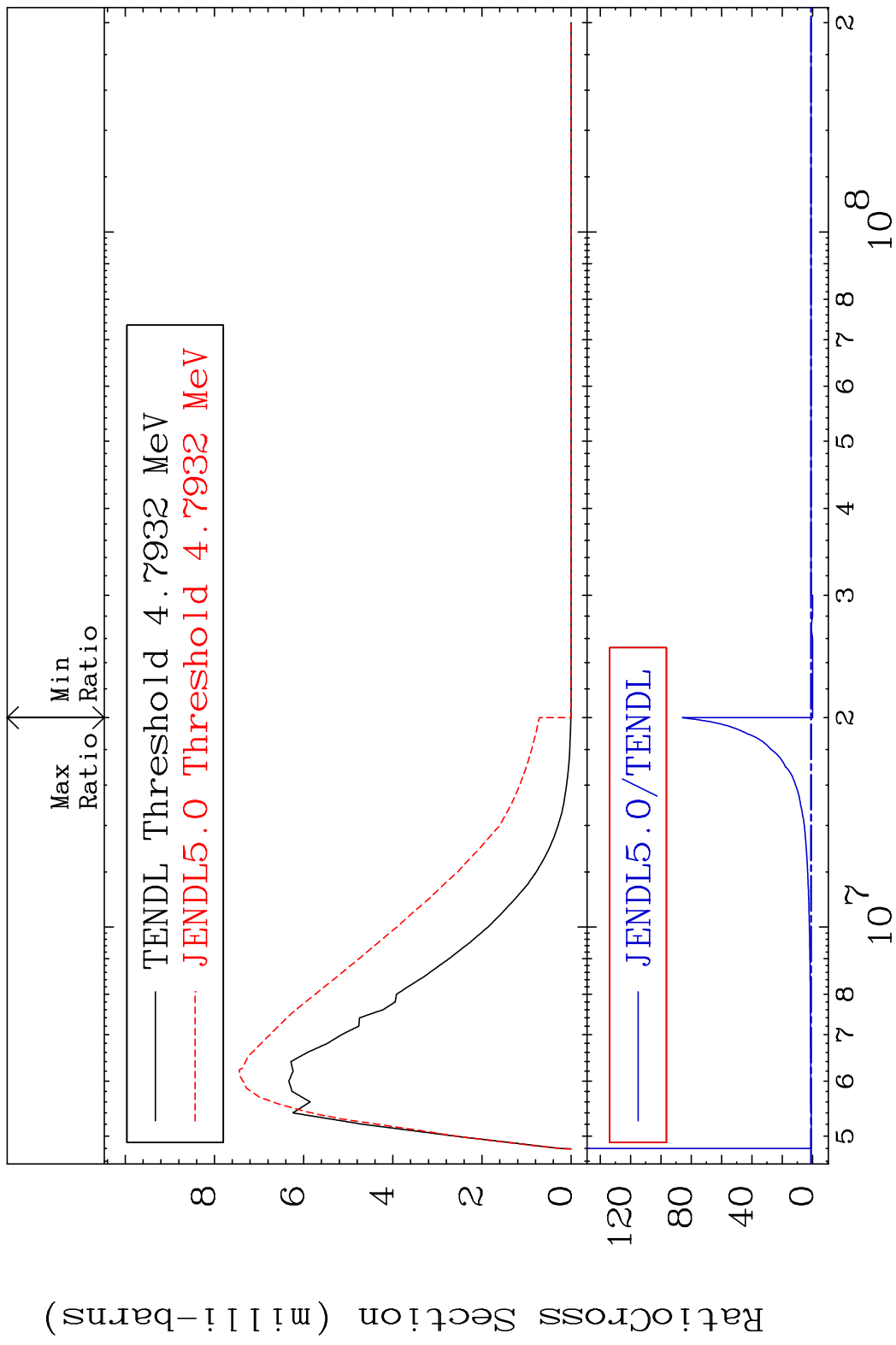
MAT 1122 MT= 69 (n, n') Level 11-Na-22
 Cross Section -100.0 To 6266. %



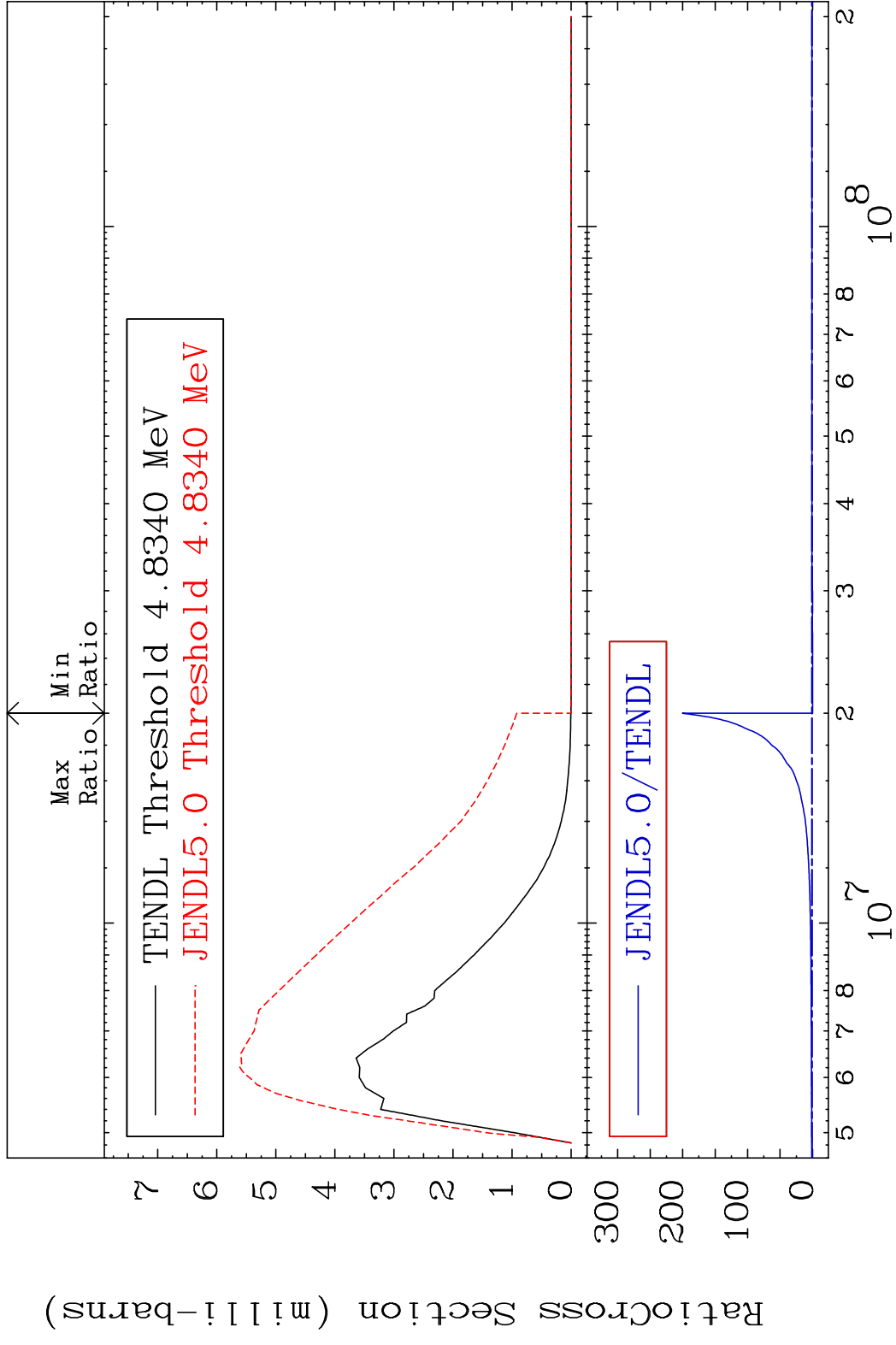
MAT 1122 MT= 70 (n, n') Level 11-Na-22
 Cross Section -100.0 To 3568. %



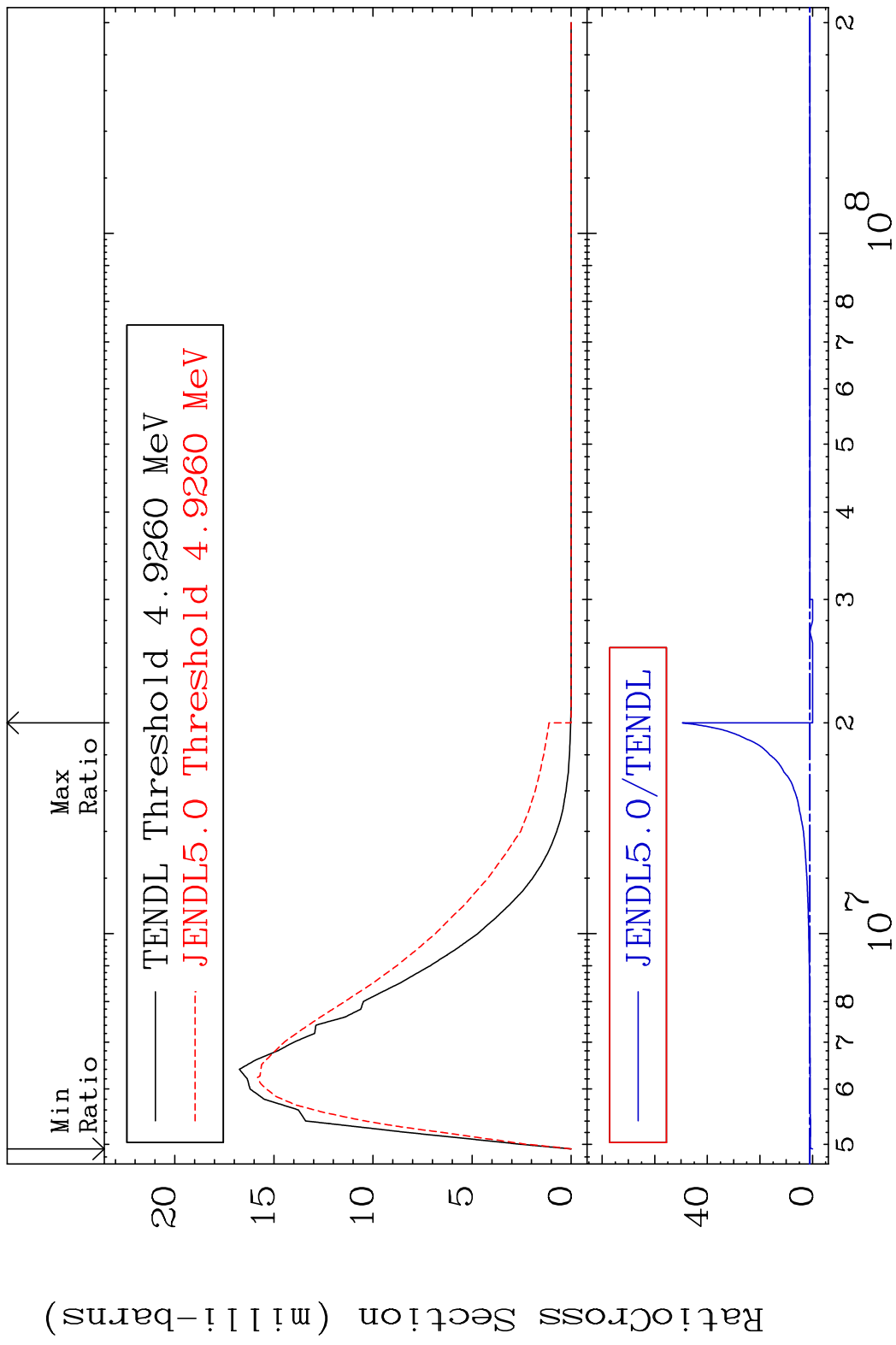
MAT 1122 MT= 71 (n,n') Level 11-Na-22
 Cross Section -100.0 To 8488. %



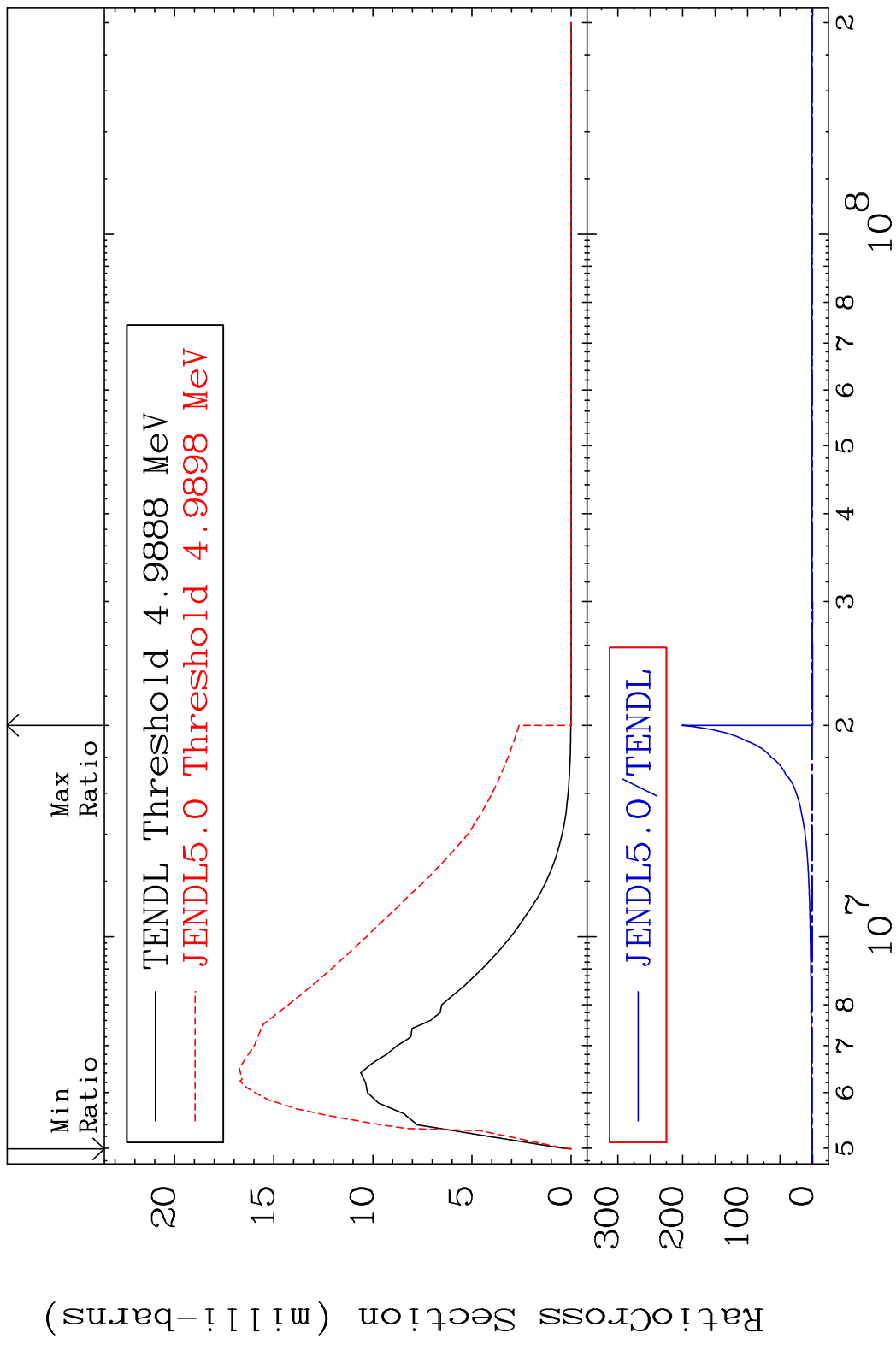
MAT 1122 MT= 72 (n, n') Level 11-Na-22
 Cross Section -100.0 To 9999. %



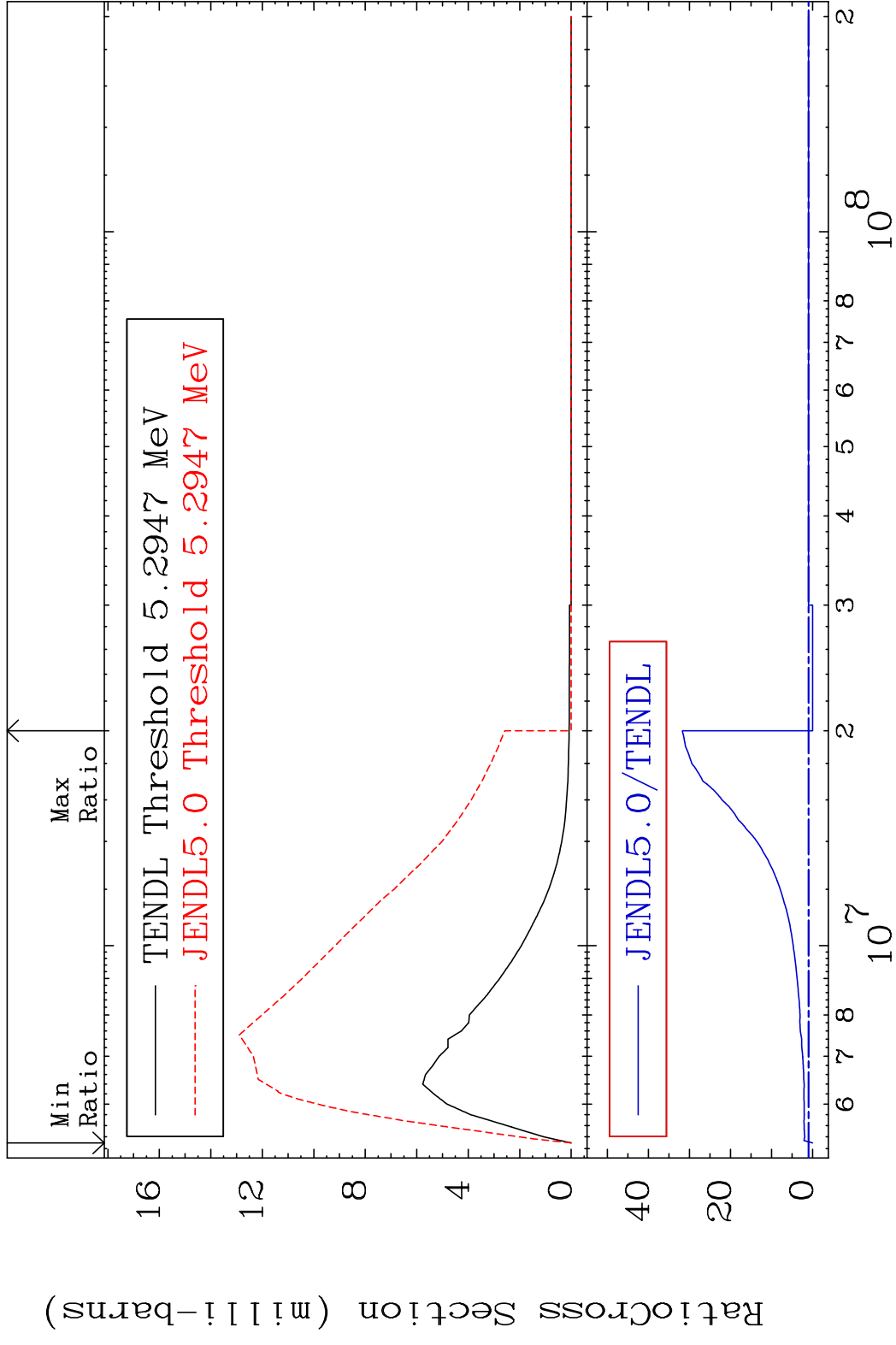
MAT 1122 MT= 73 (n, n') Level 11-Na-22
 Cross Section -100.0 To 4850. %



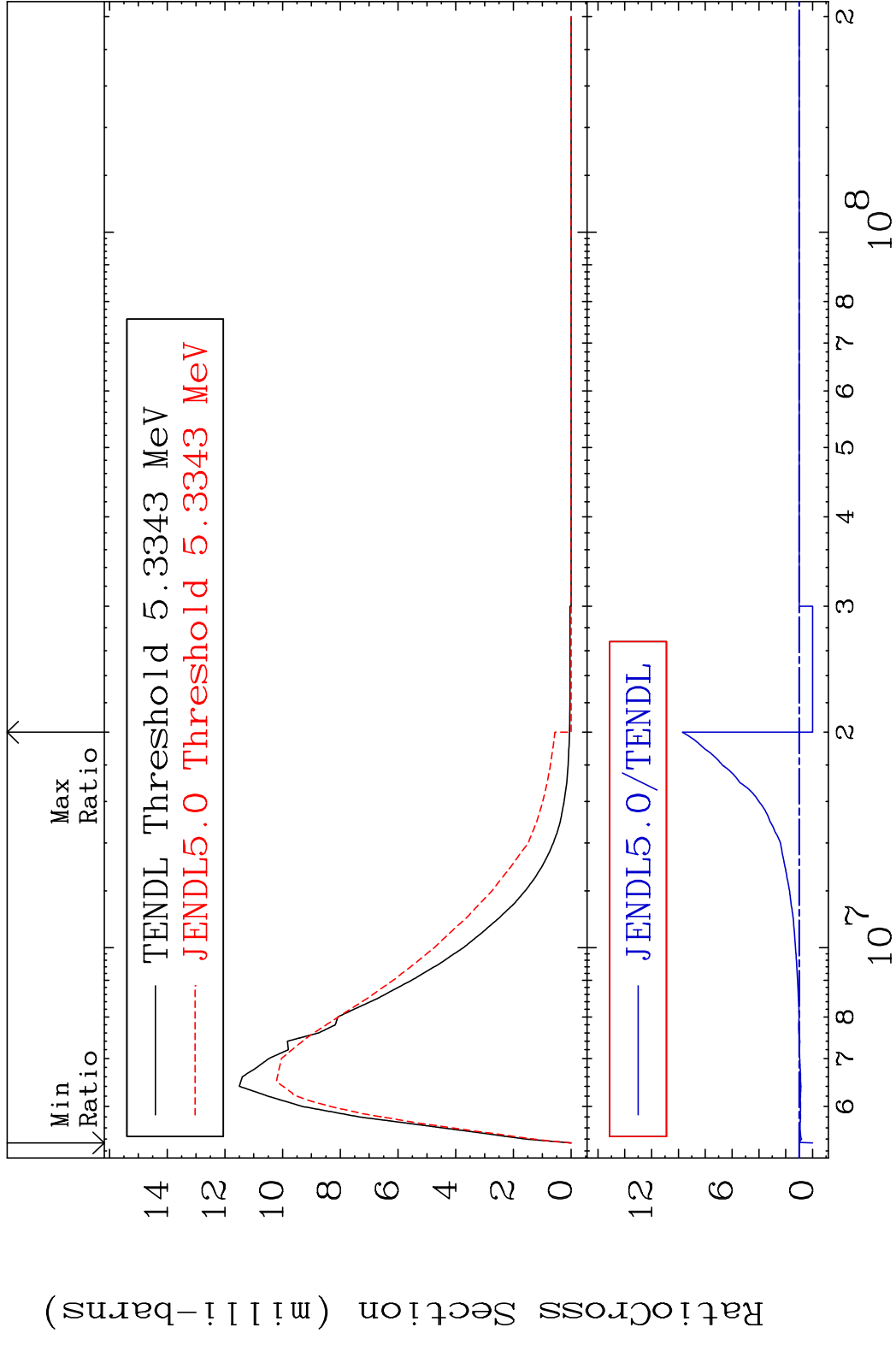
MAT 1122 MT= 74 (n,n') Level 11-Na-22
 Cross Section -100.0 To 9999. %



MAT 1122 MT= 75 (n,n') Level 11-Na-22
 Cross Section -100.0 To 3074. %



MAT 1122 MT= 76 (n,n') Level 11-Na-22
 Cross Section -100.0 To 870.8 %

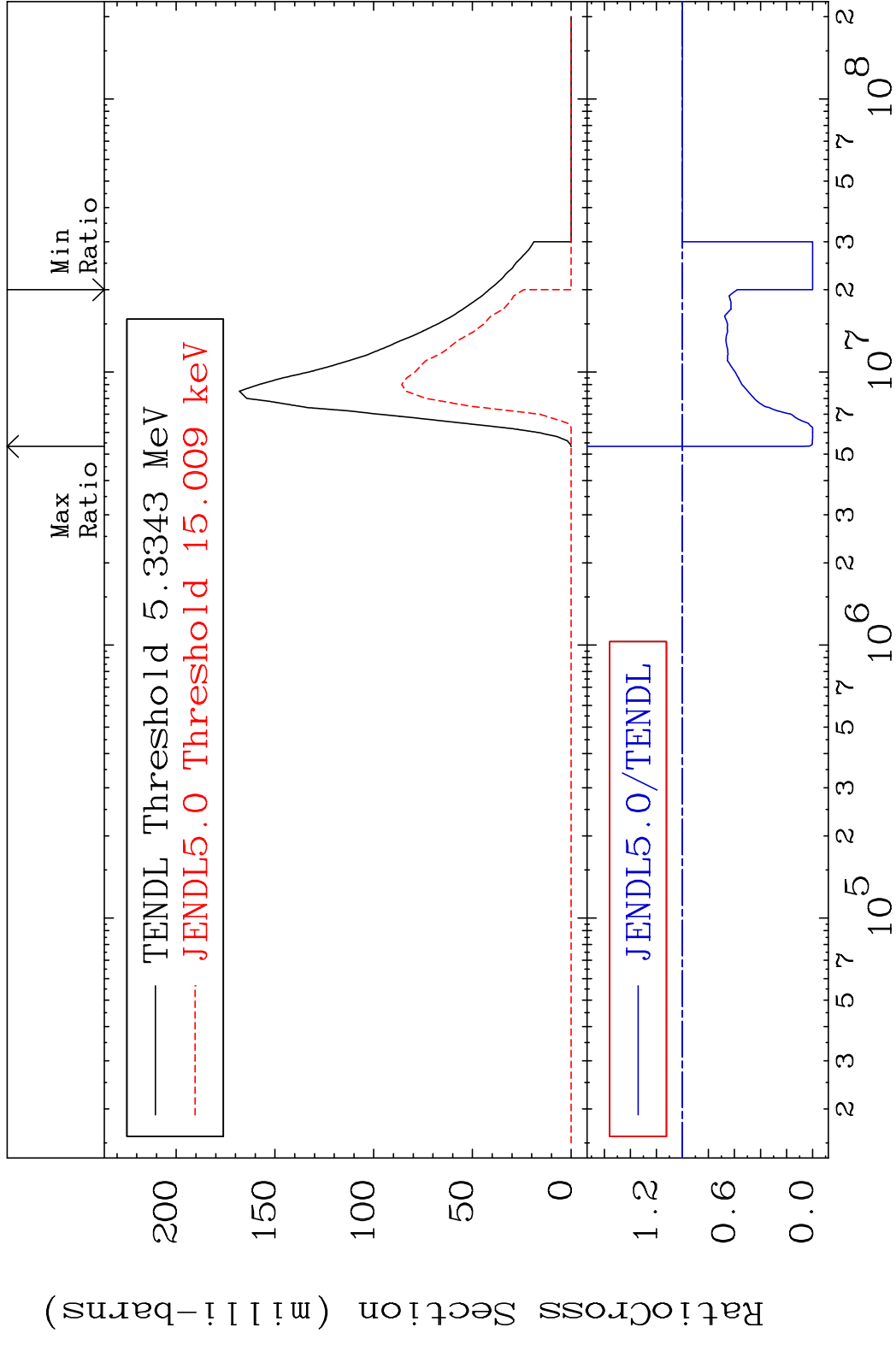


MAT 1122

(n, n') Continuum

11-Na-22

Cross Section -100.0 To 0.048 %

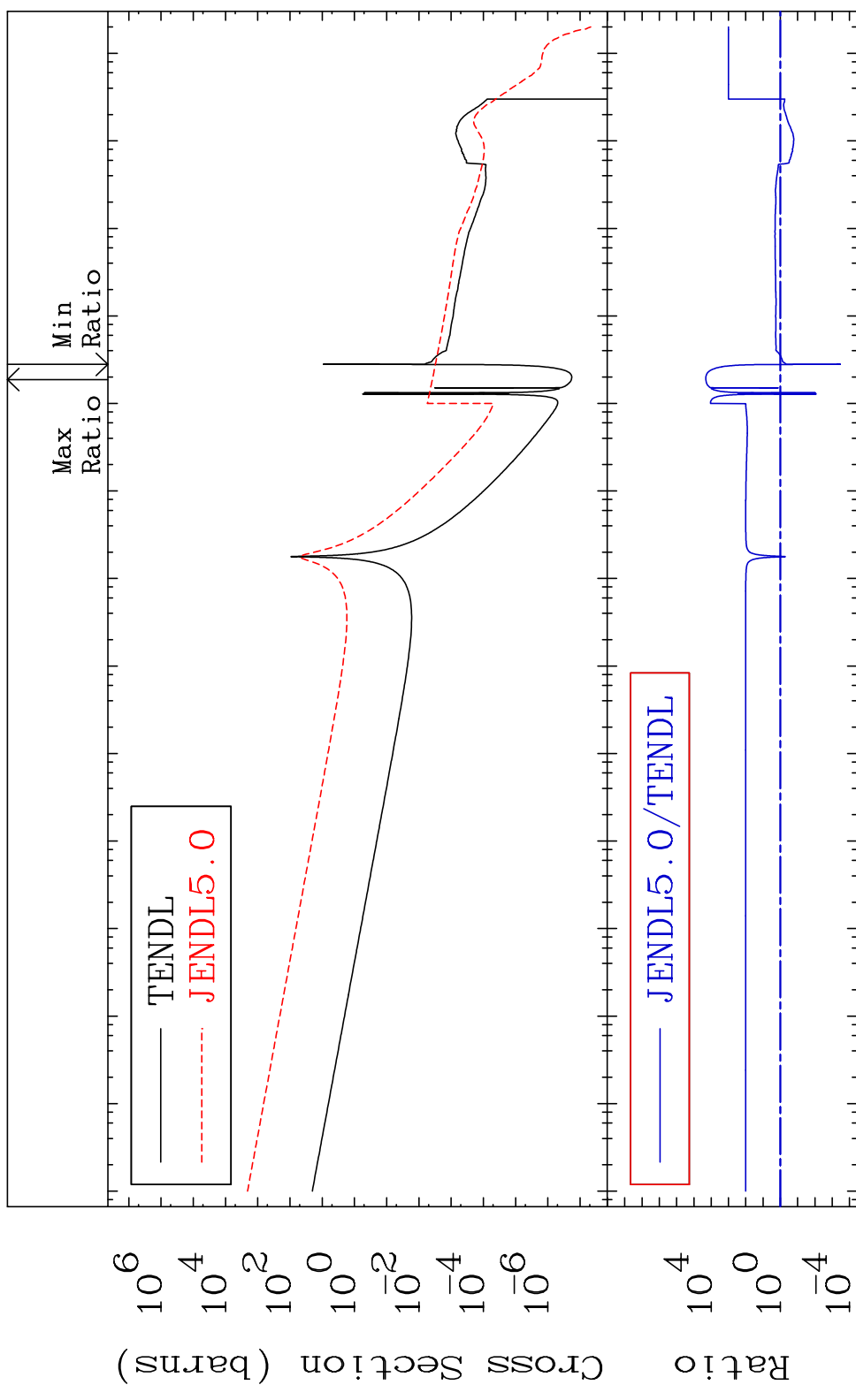


MAT 1122

(n, γ)

11-Na-22

Cross Section -99.97 To 9999. %



40

Incident Energy (eV)

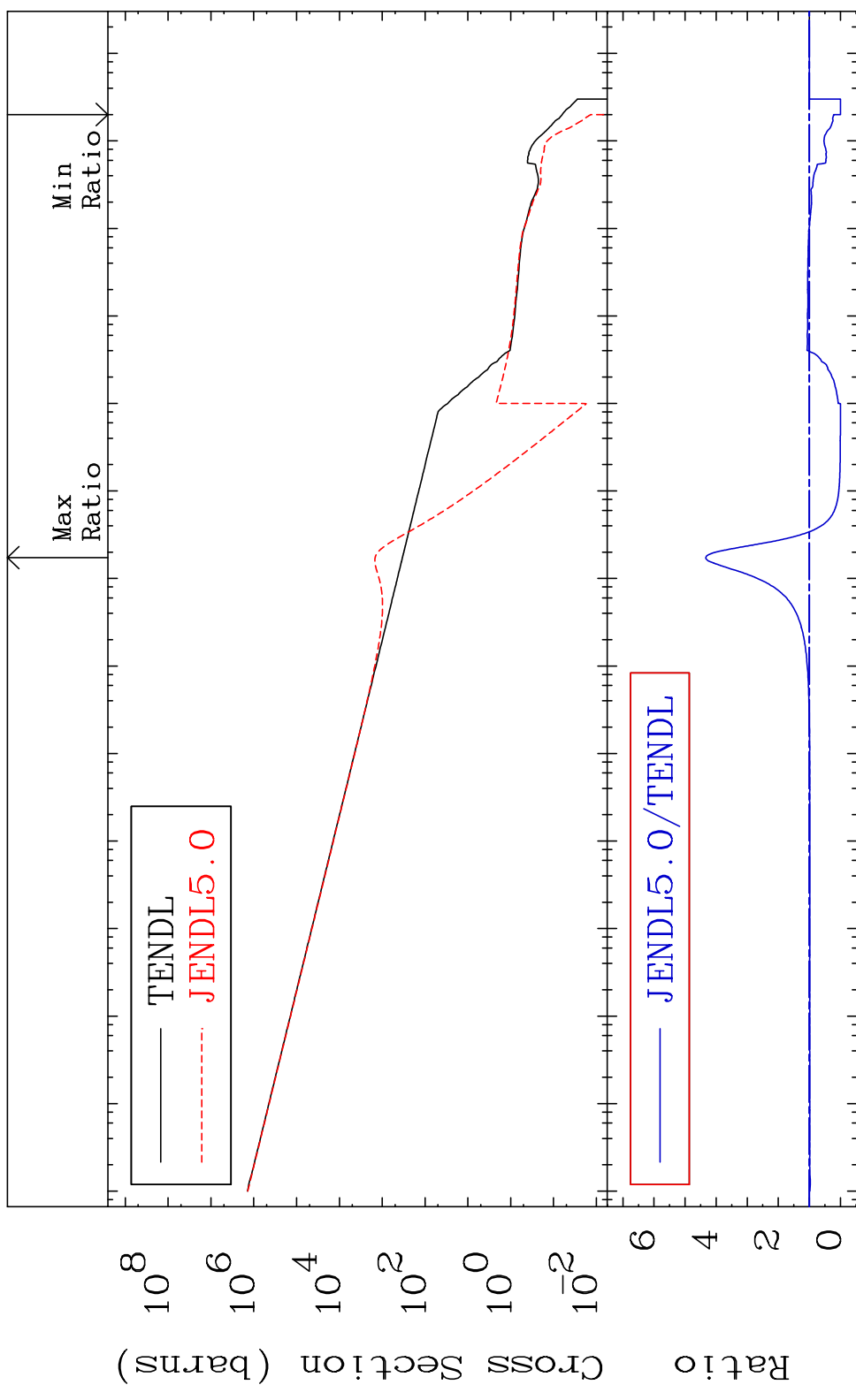
11-Na-22

MAT 1122

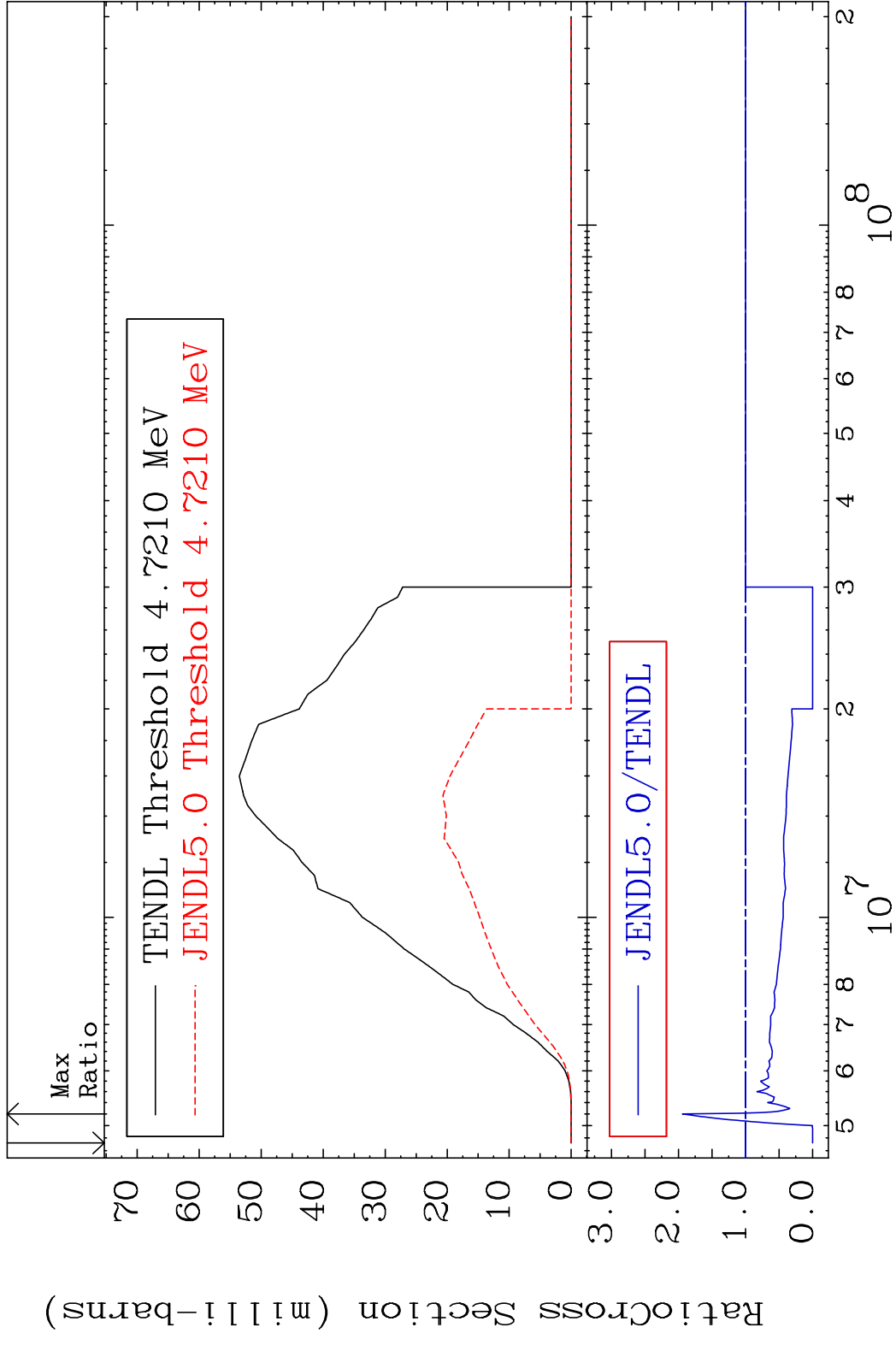
(n, p)

11-Na-22

Cross Section -100.0 To 333.4 %

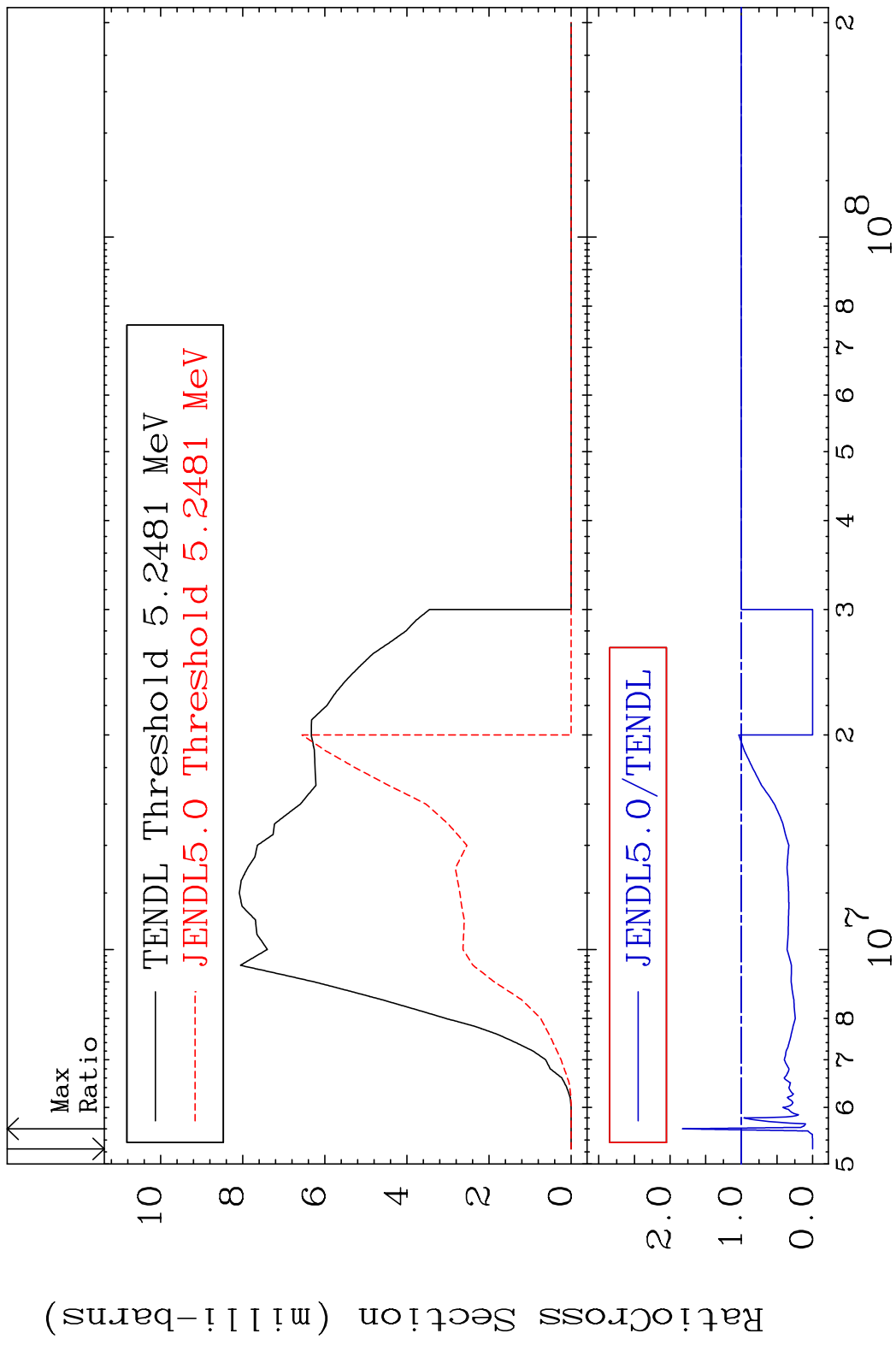


MAT 1122 (n,d) 11-Na-22
 Cross Section -100.0 To 94.20 %



42 Incident Energy (eV) 11-Na-22

MAT 1122 (n, t) 11-Na-22
 Cross Section -100.0 To 82.72 %

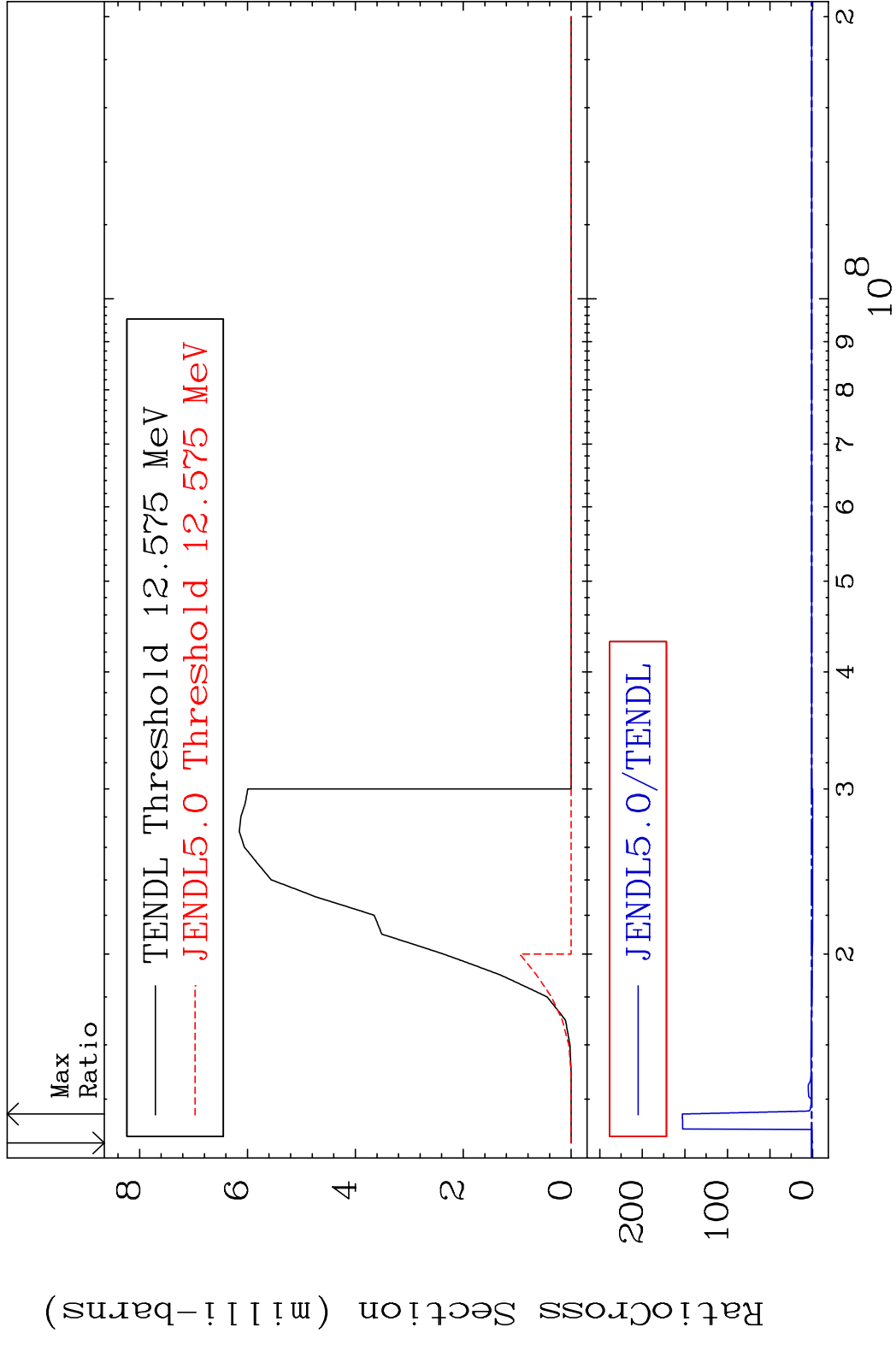


MAT 1122

(n, He-3)

11-Na-22

Cross Section -100.0 To 9999. %

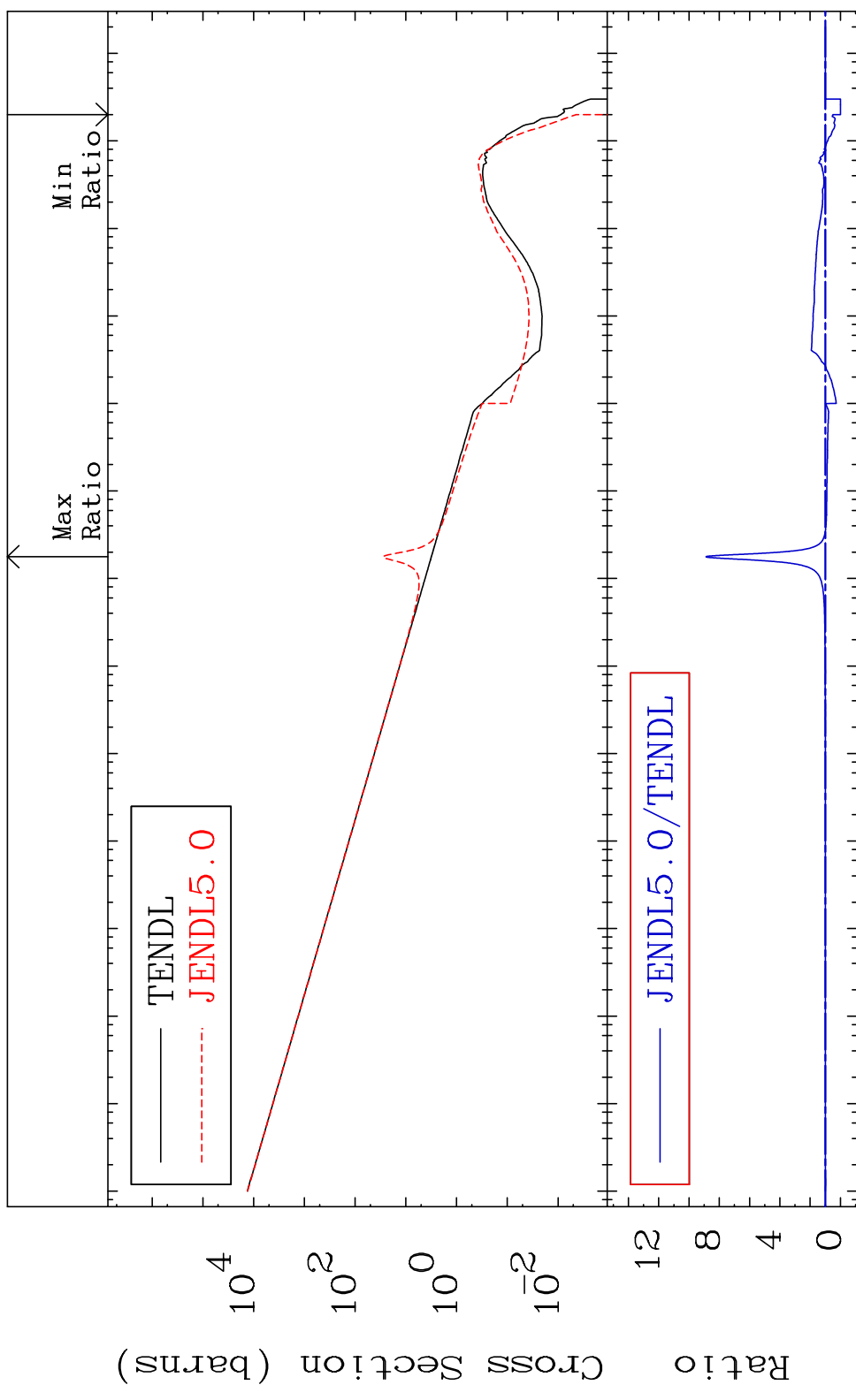


MAT 1122

(n, α)

11-Na-22

Cross Section -100.0 To 789.3 %

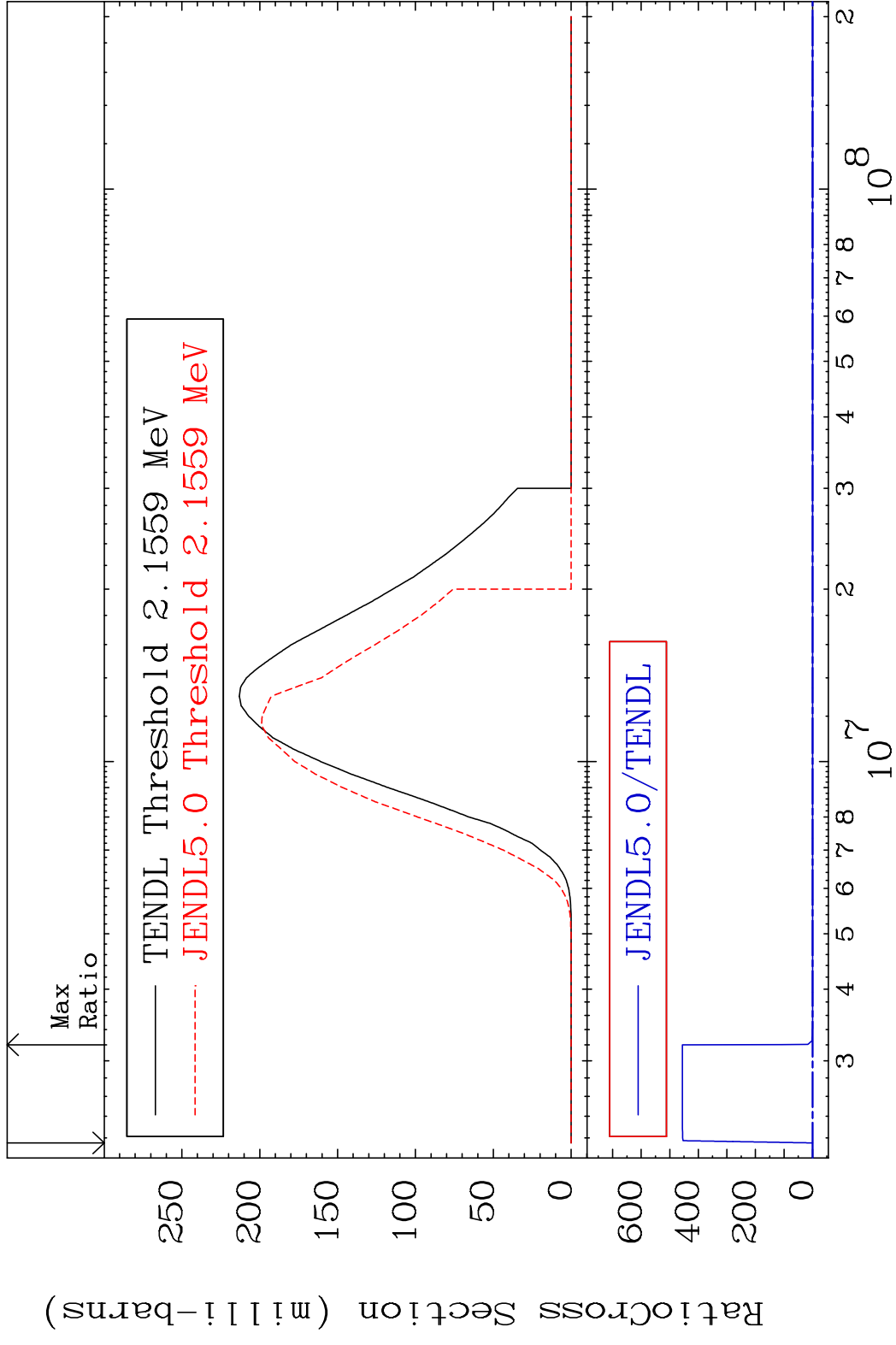


45

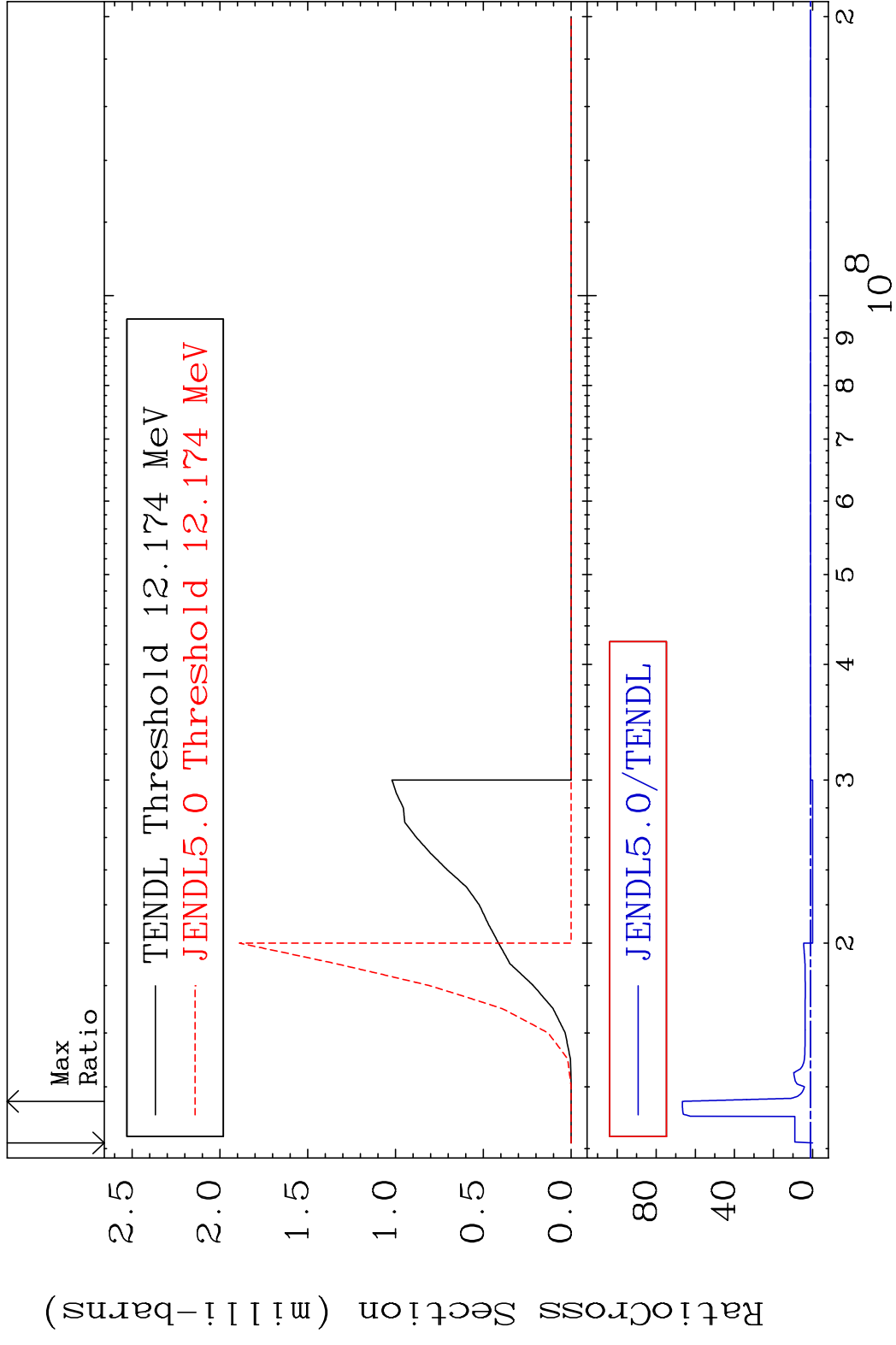
Incident Energy (eV)

11-Na-22

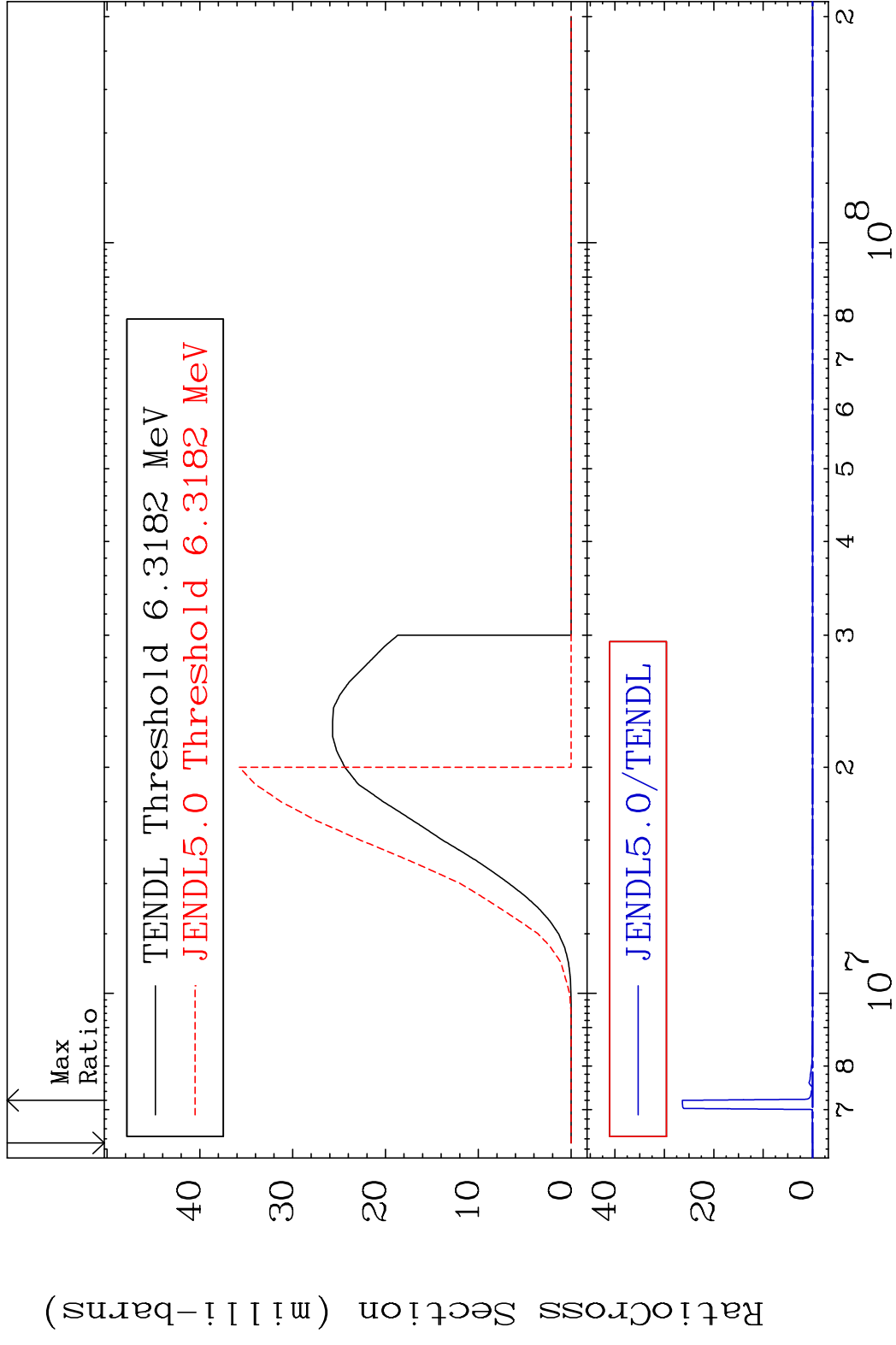
MAT 1122 (n,2α) 11-Na-22
 Cross Section -100.0 To 9999. %



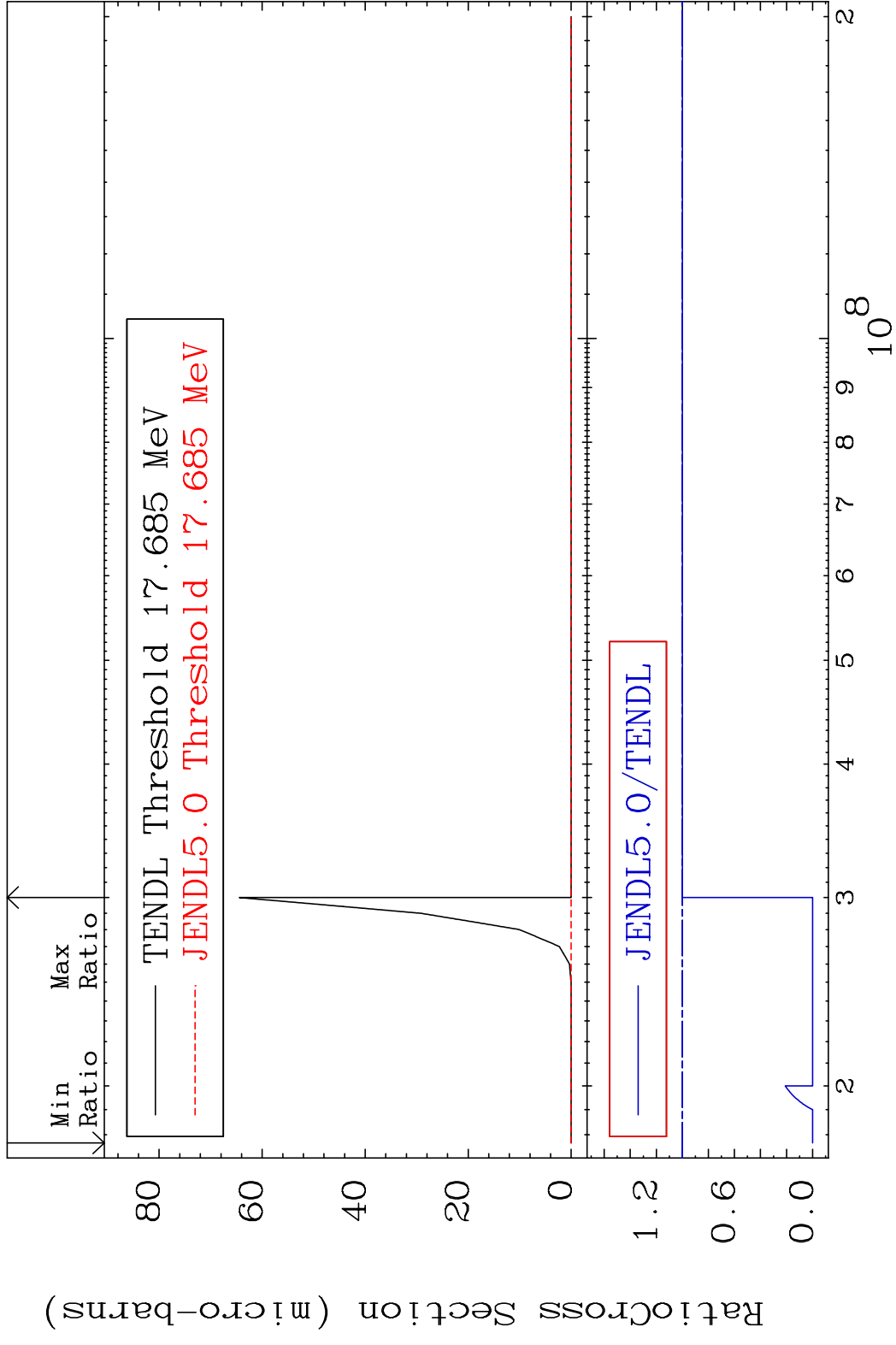
MAT 1122 (n,2p) 11-Na-22
 Cross Section -100.0 To 6561. %



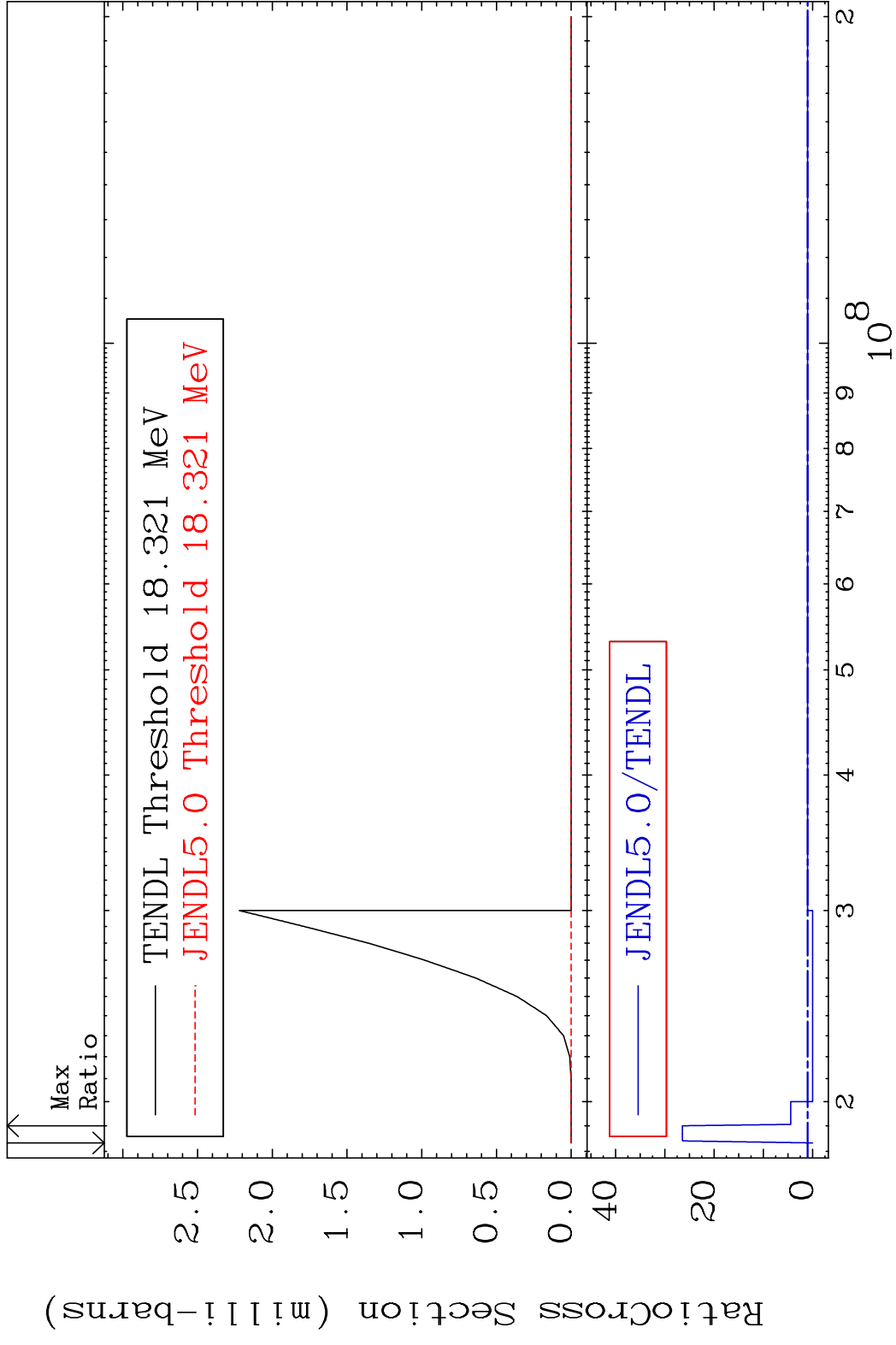
MAT 1122 (n,p) α 11-Na-22
 Cross Section -100.0 To 9999. %



MAT 1122 (n, t) 2α 11-Na-22
 Cross Section -100.0 To 0.000 %

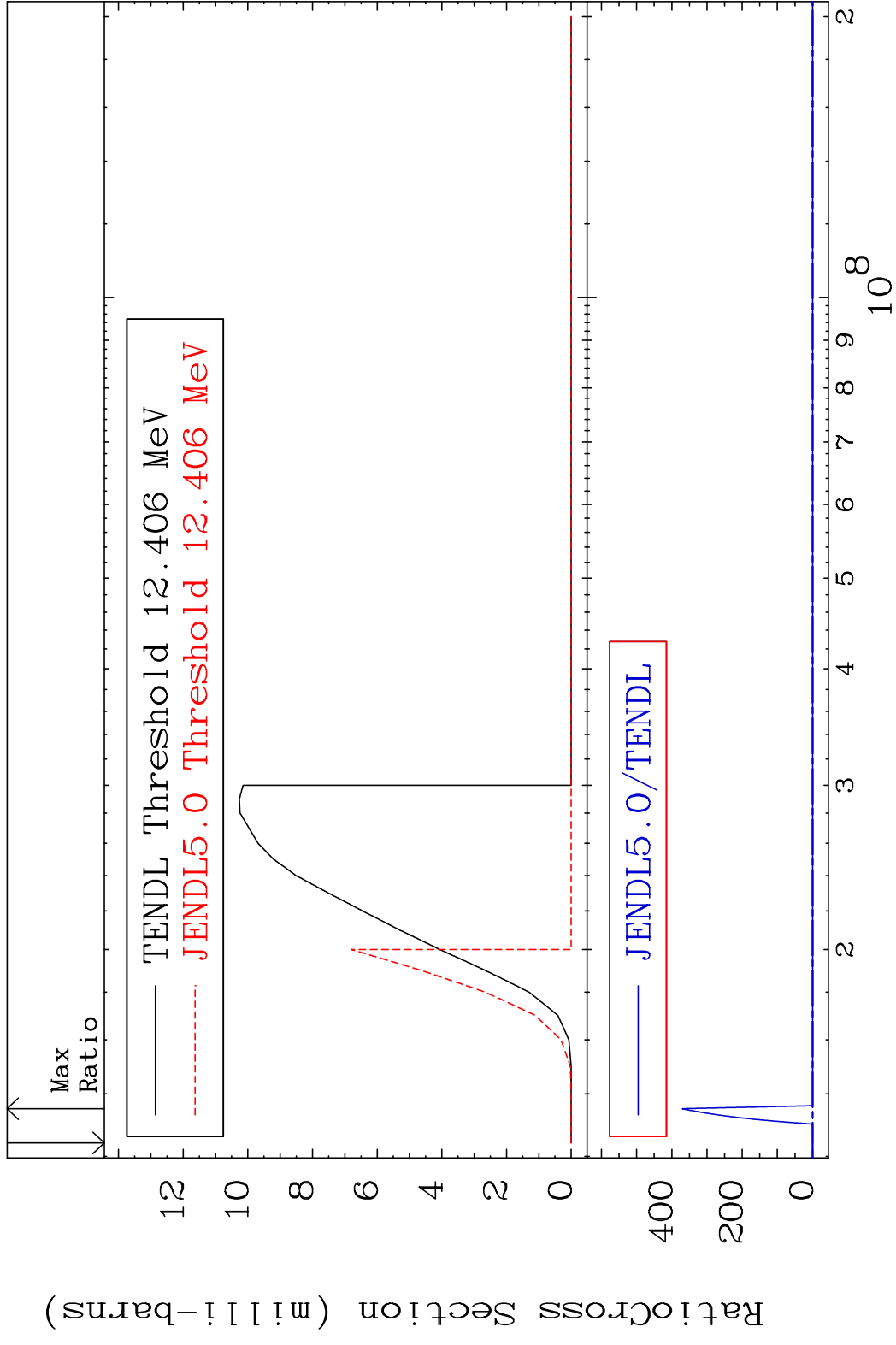


MAT 1122 (n,p) d 11-Na-22
 Cross Section -100.0 To 2545. %



50 Incident Energy (eV) 11-Na-22

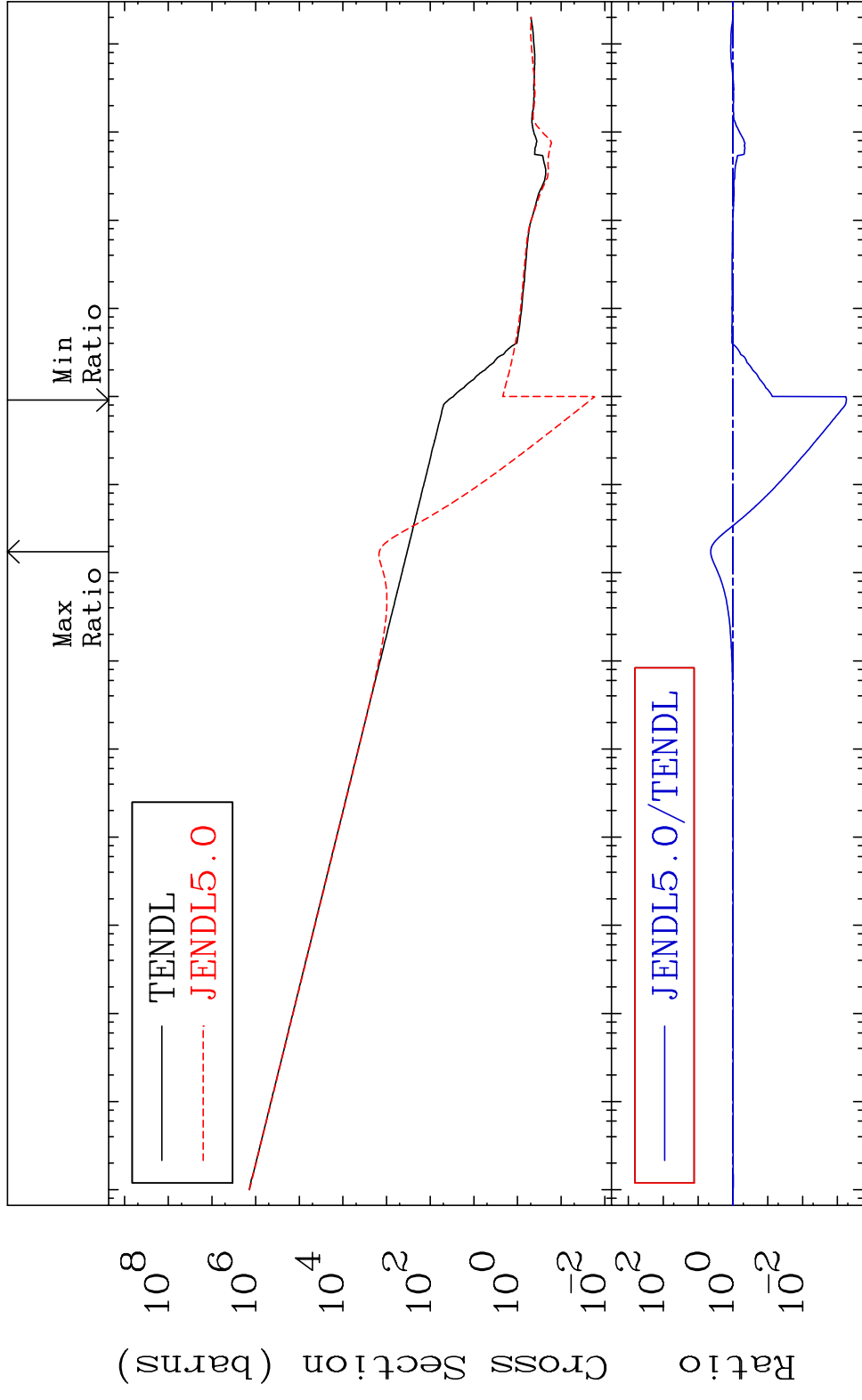
MAT 1122 (n,d) α 11-Na-22
 Cross Section -100.0 To 9999. %



MAT 1122

Hydrogen Production
Cross Section -99.94 To 333.4 %

11-Na-22

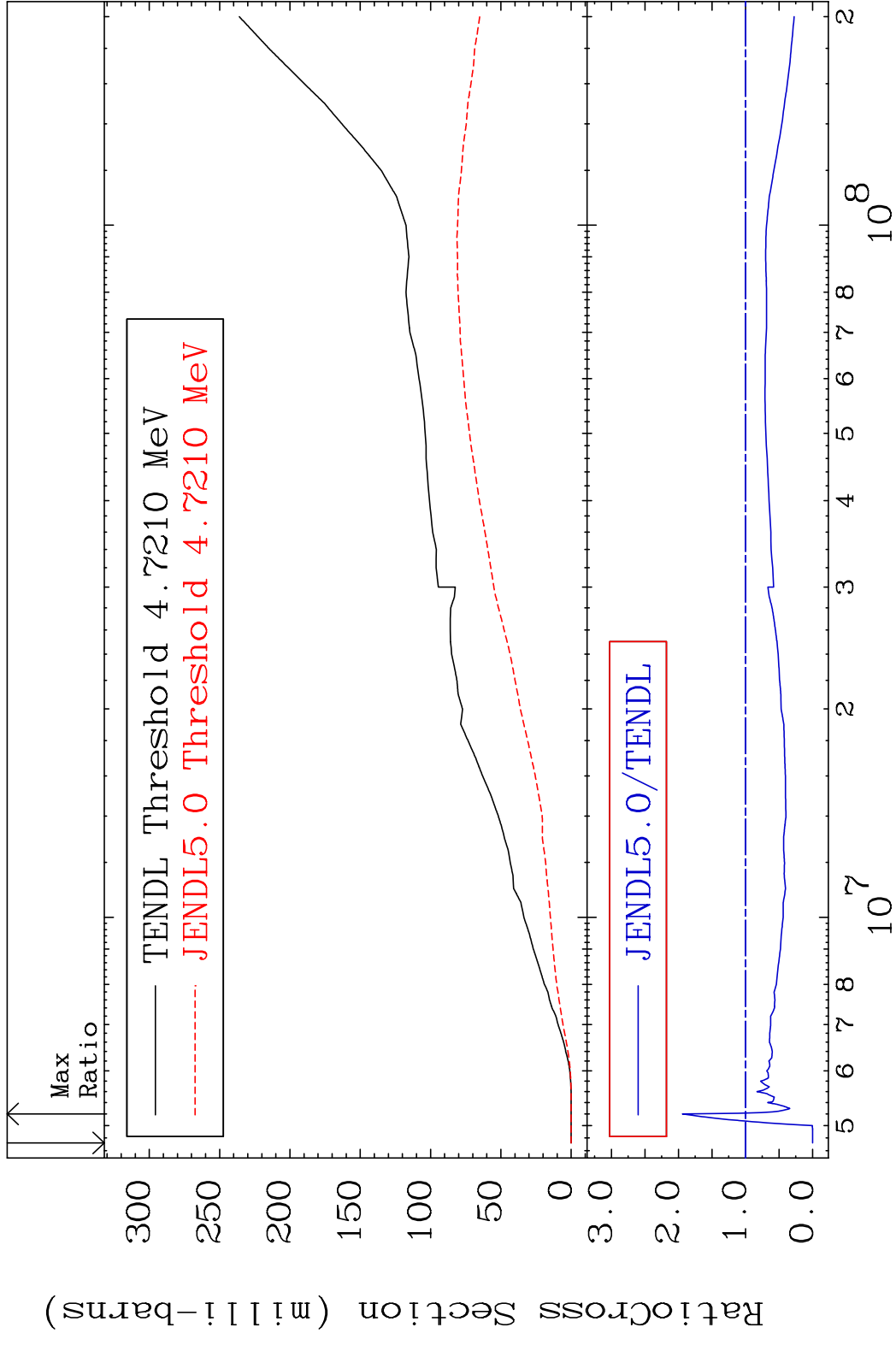


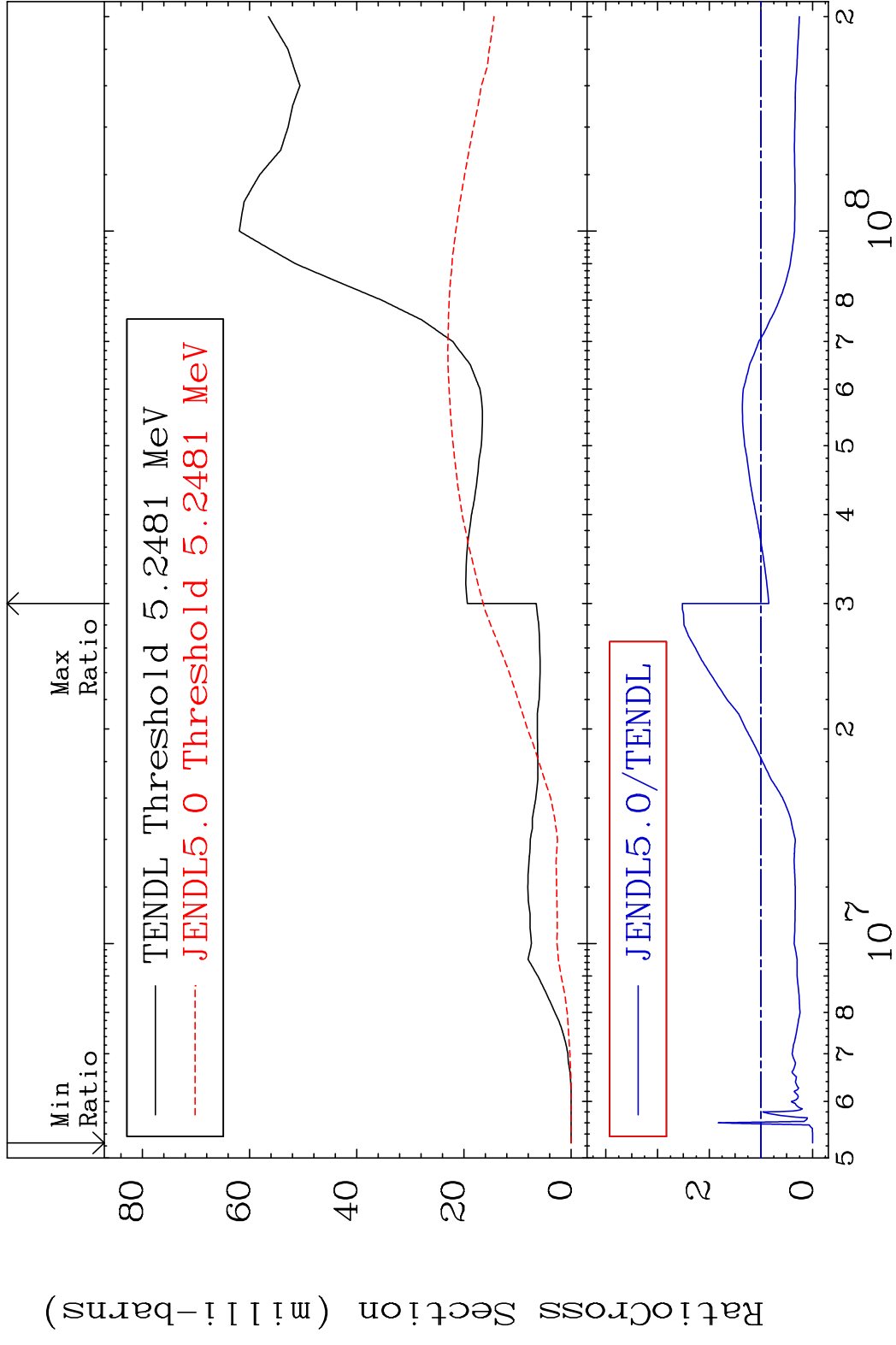
MAT 1122

Deuterium Production

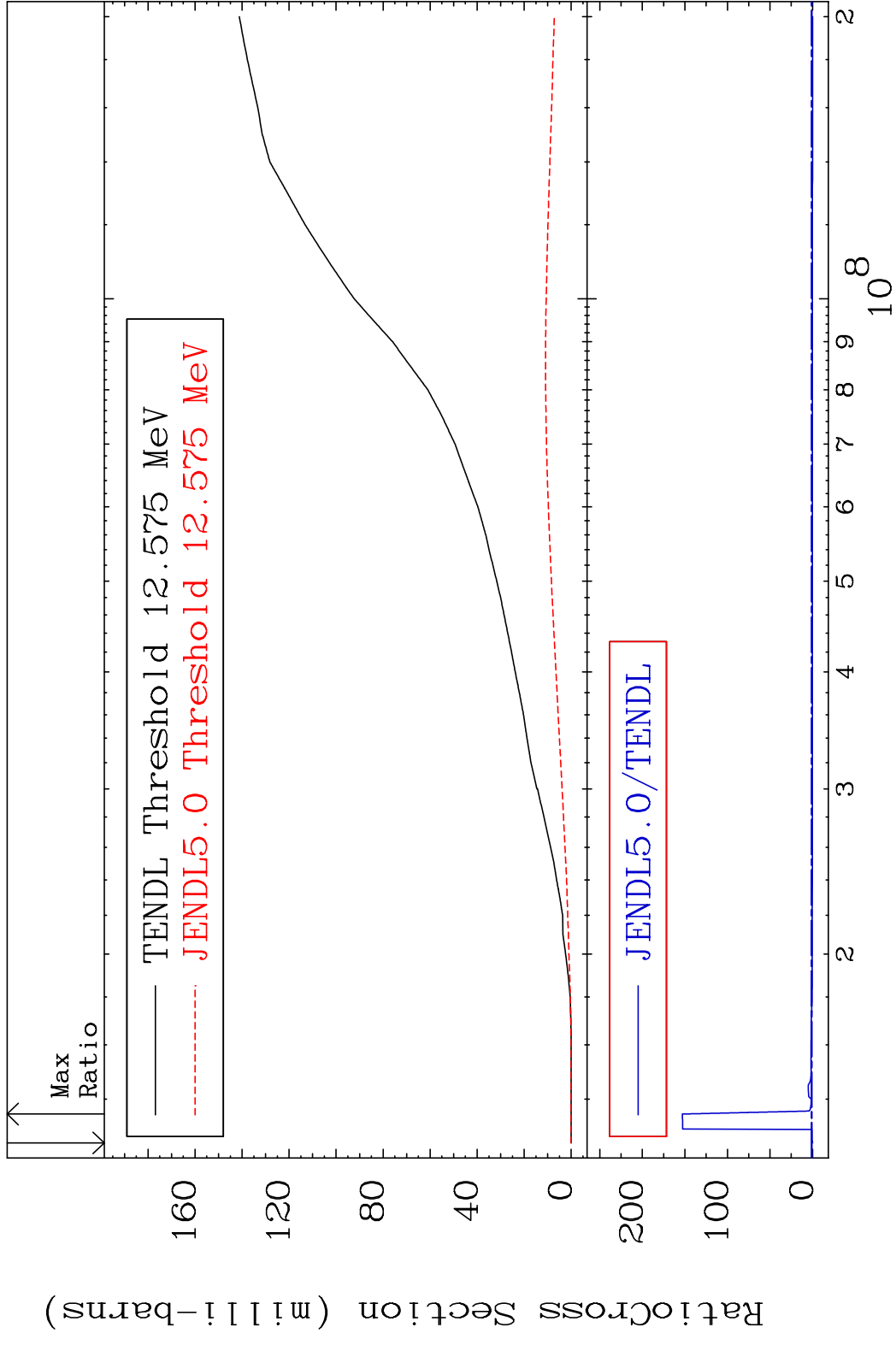
11-Na-22

Cross Section -100.0 To 94.20 %





MAT 1122 He-3 Production 11-Na-22
Cross Section -100.0 To 9999. %

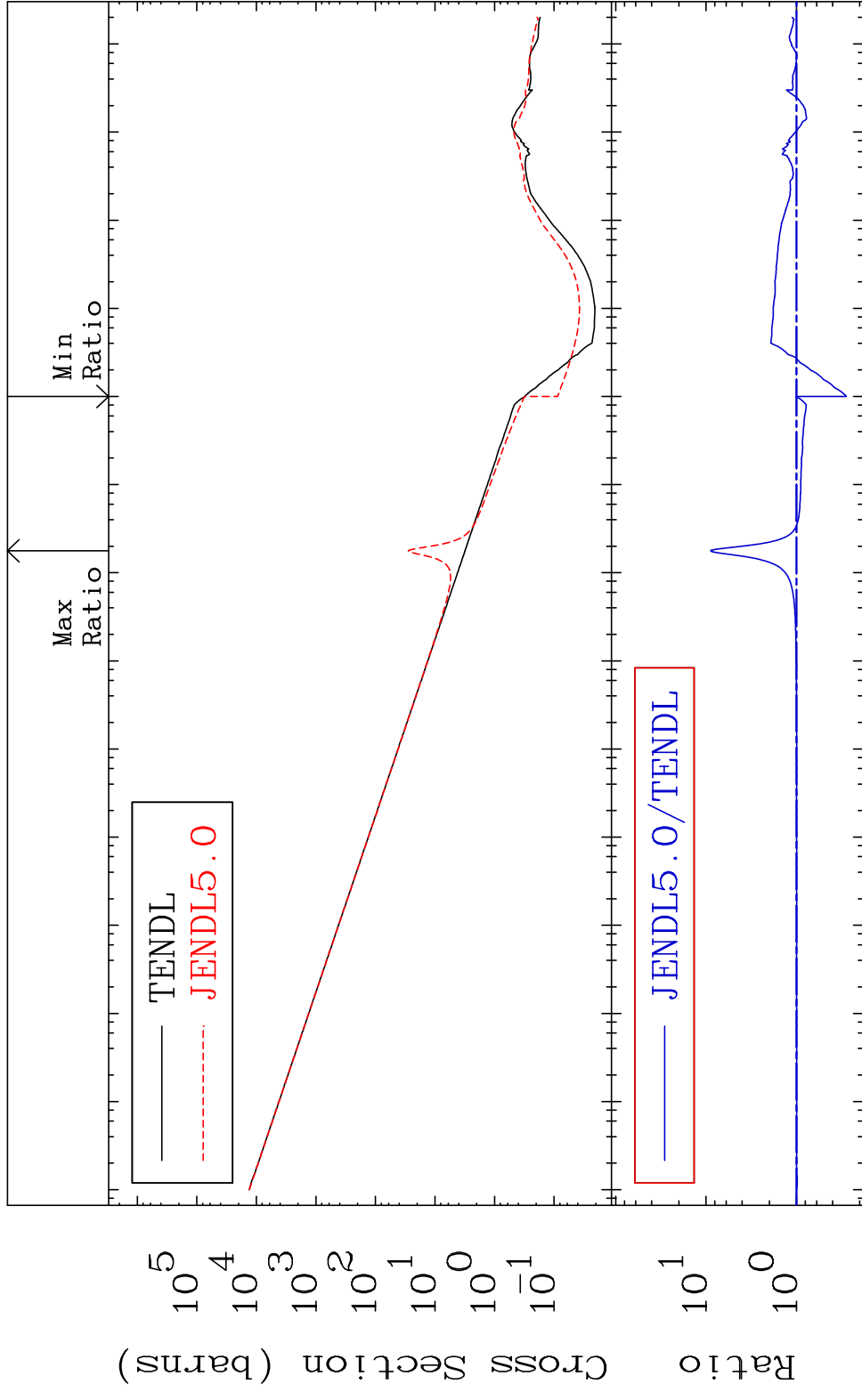


MAT 1122

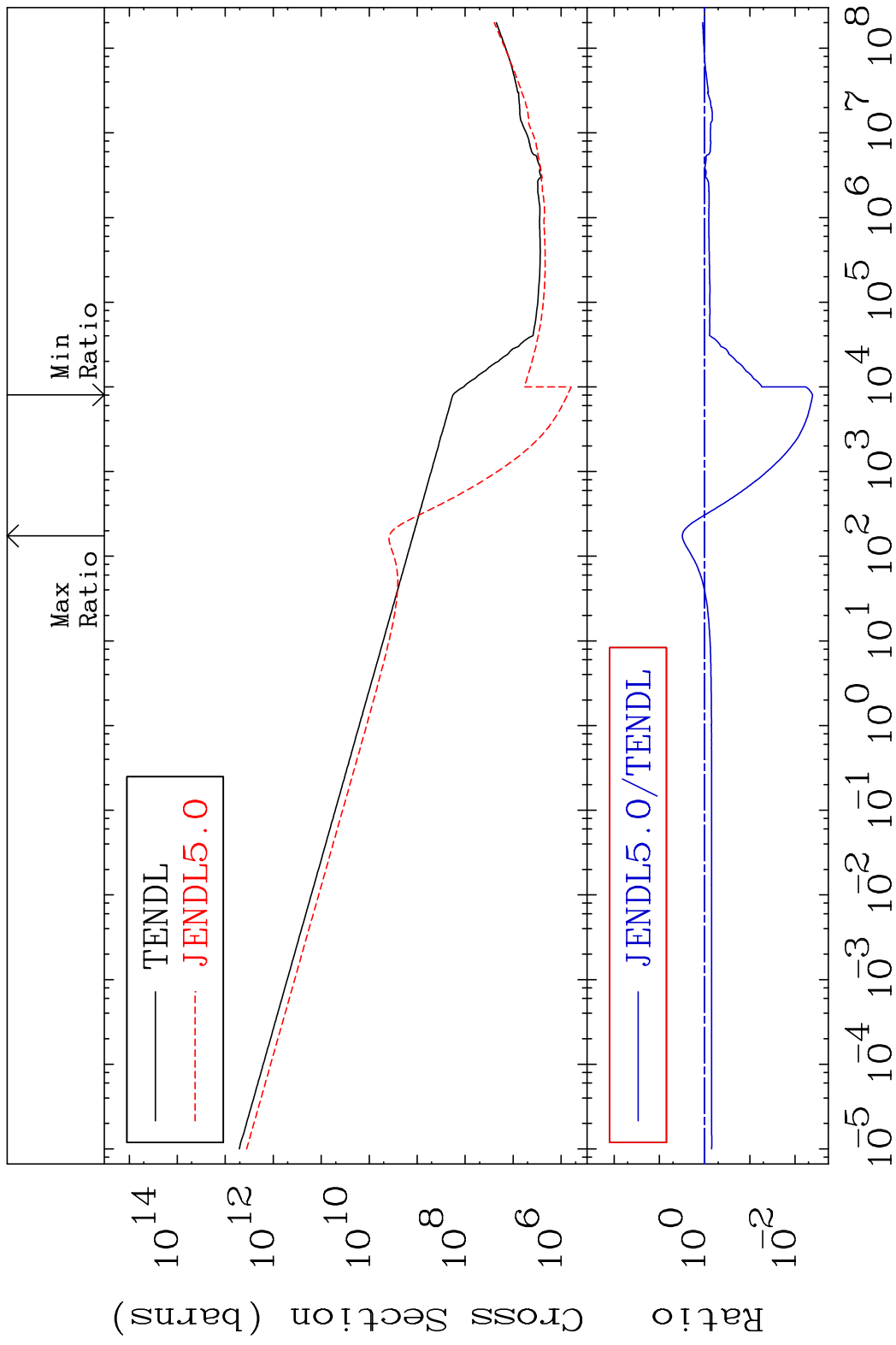
He-4 Production

11-Na-22

Cross Section -71.87 To 789.3 %



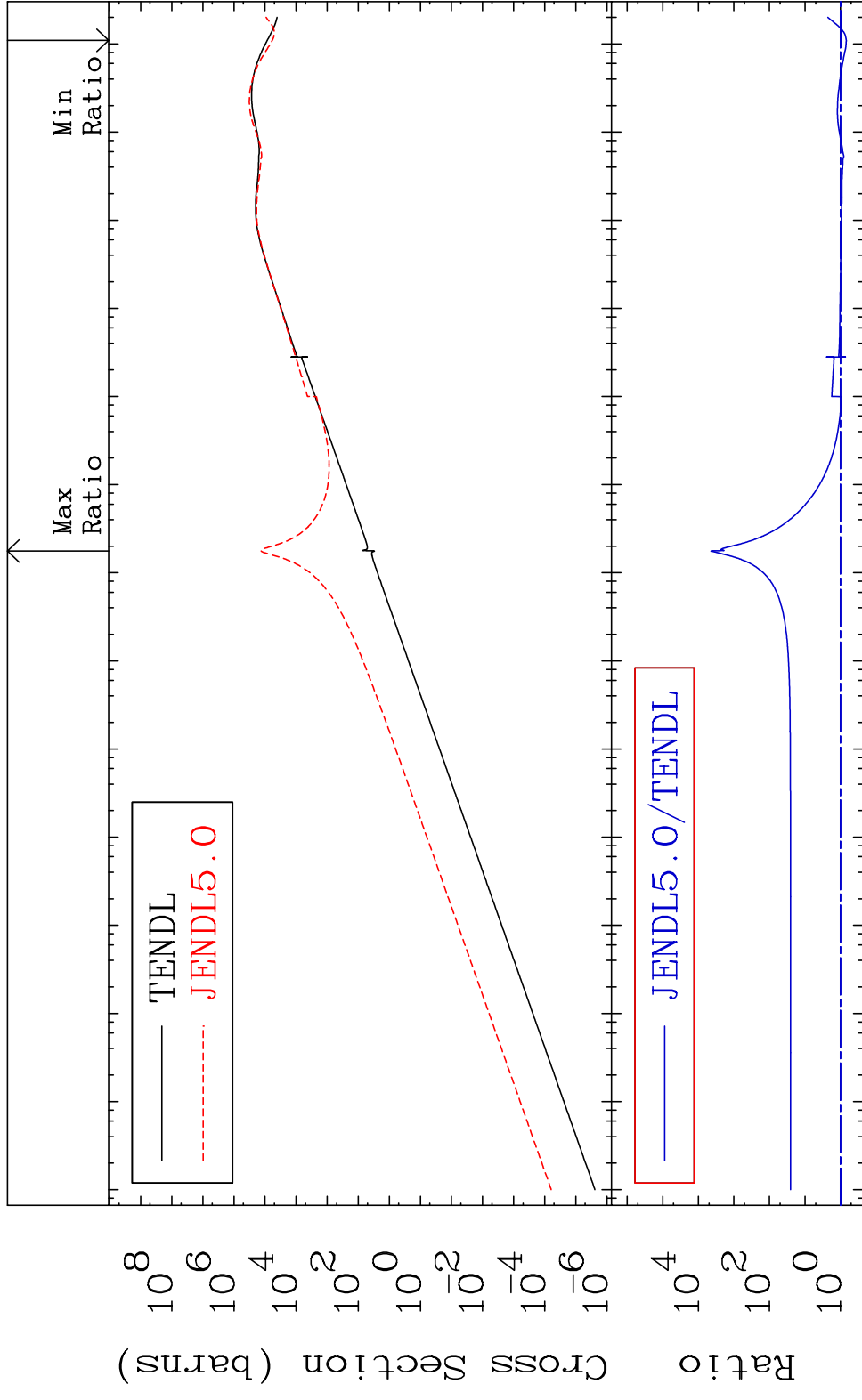
MAT 1122 Kerma total (eV-barns) 11-Na-22
 Cross Section -99.59 To 209.9 %



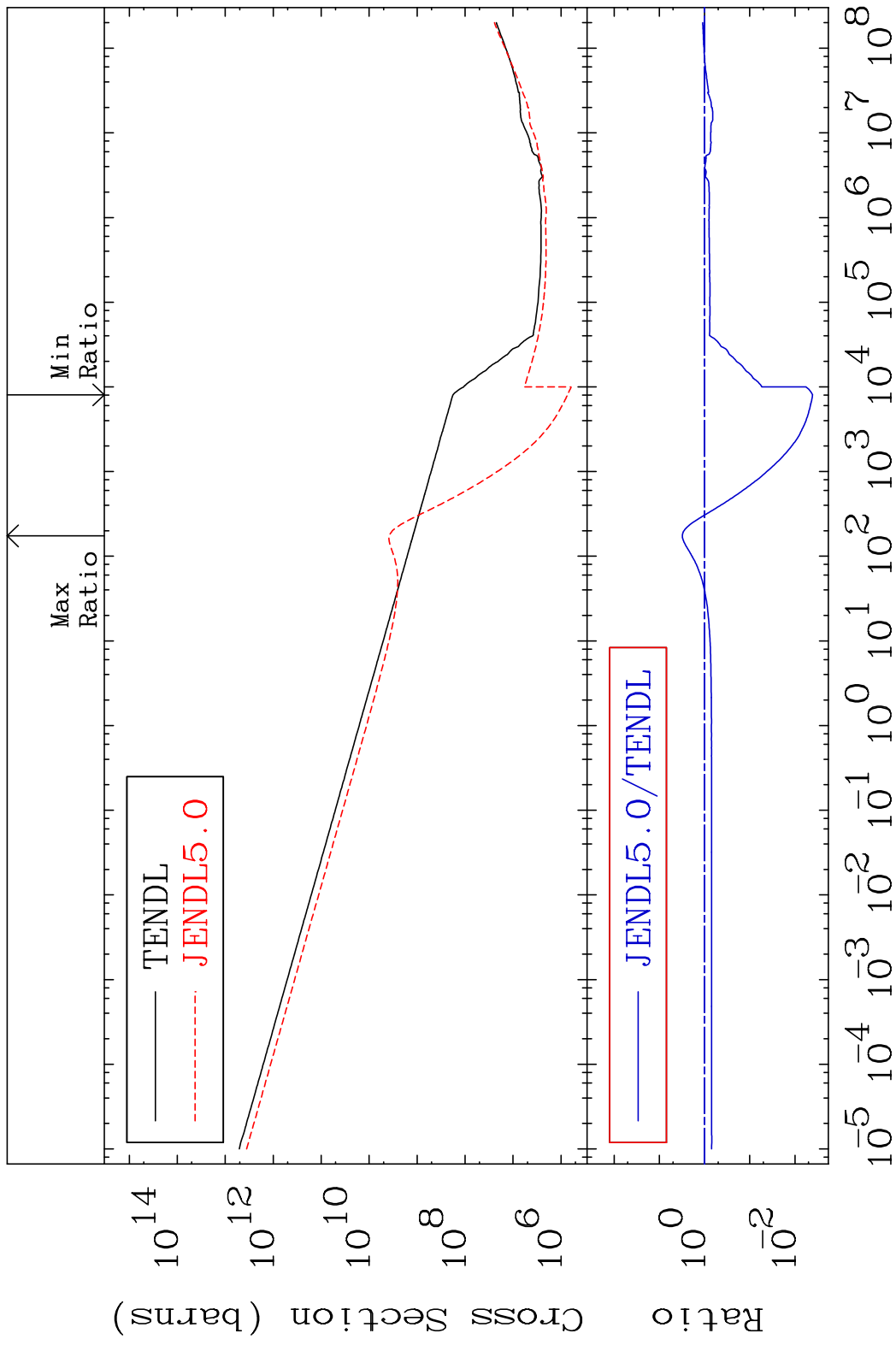
MAT 1122

Kerma elastic
Cross Section

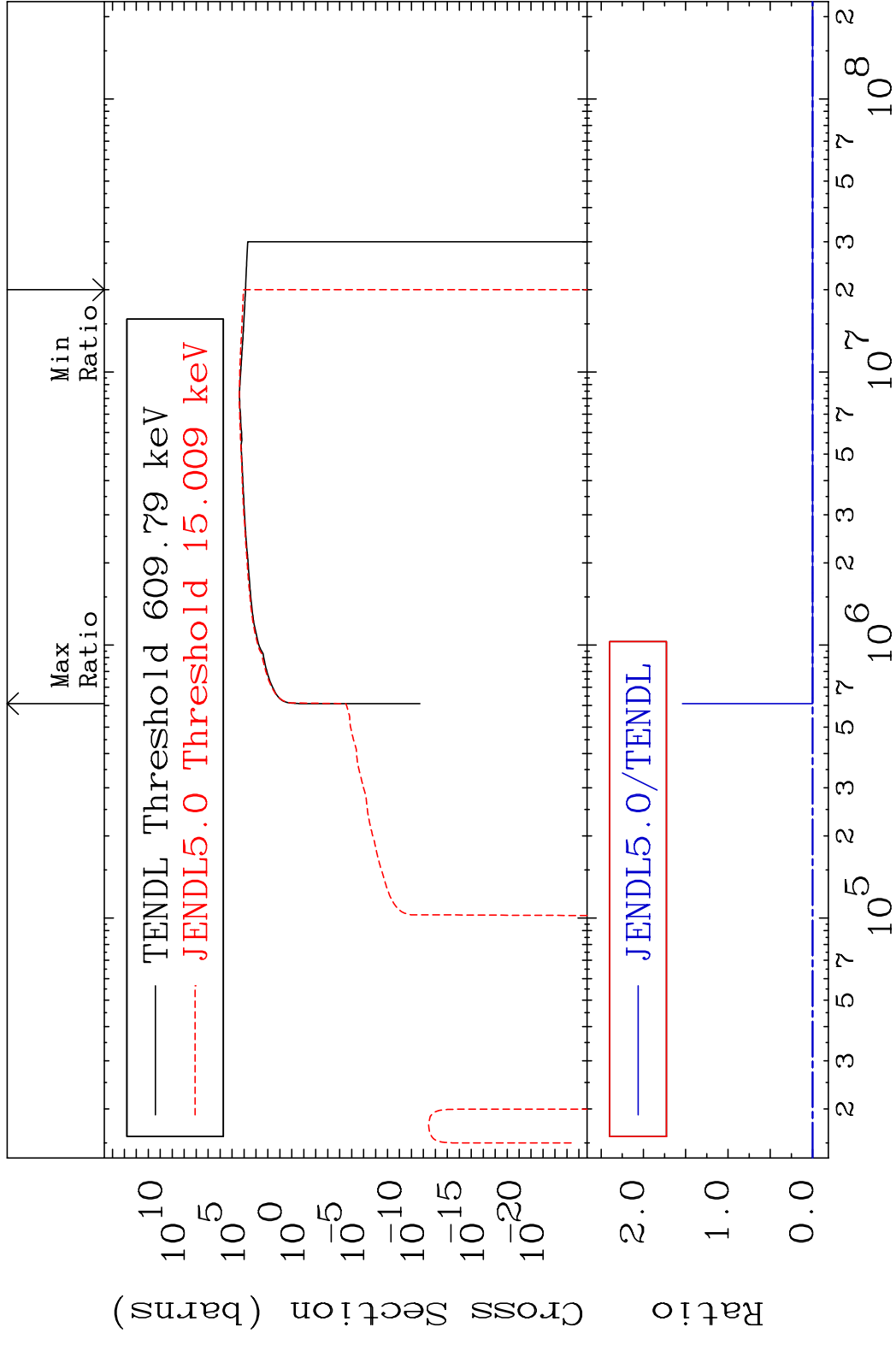
11-Na-22
-31.46 To 9999. %



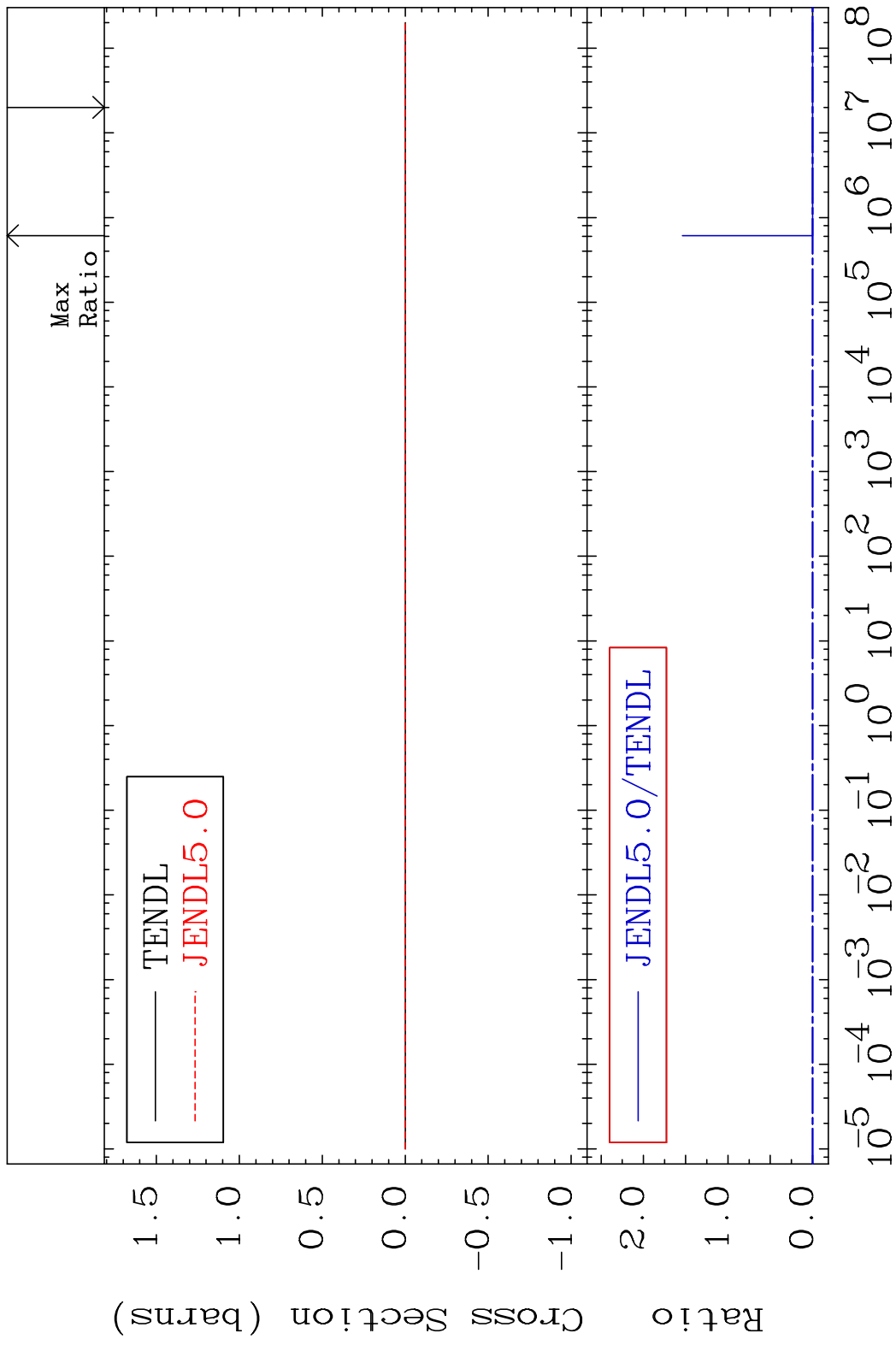
MAT 1122 Kerma non-elastic (all but mt2) 11-Na-22
 Cross Section -99.59 To 209.9 %



MAT 1122 Kerma inelastic (mt51-91) 11-Na-22
 Cross Section -100.0 To 9999. %

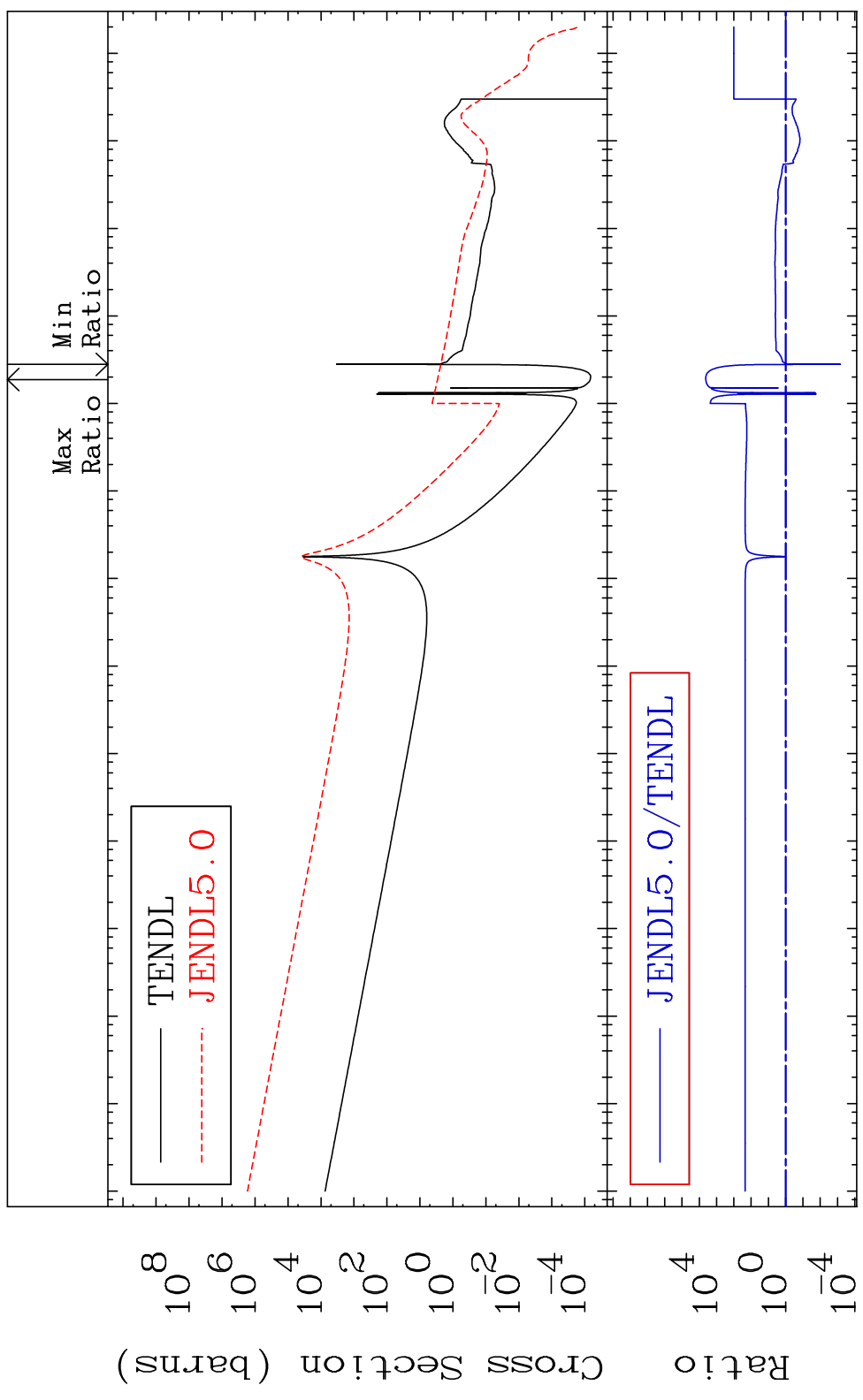


MAT 1122 Kerma fission (mt18 or mt19-20-21-38) 11-Na-22
 Cross Section -100.0 To 9999. %



MAT 1122

Kerma capture (mt102) 11-Na-22
Cross Section -99.93 To 9999. %



62

Incident Energy (eV)

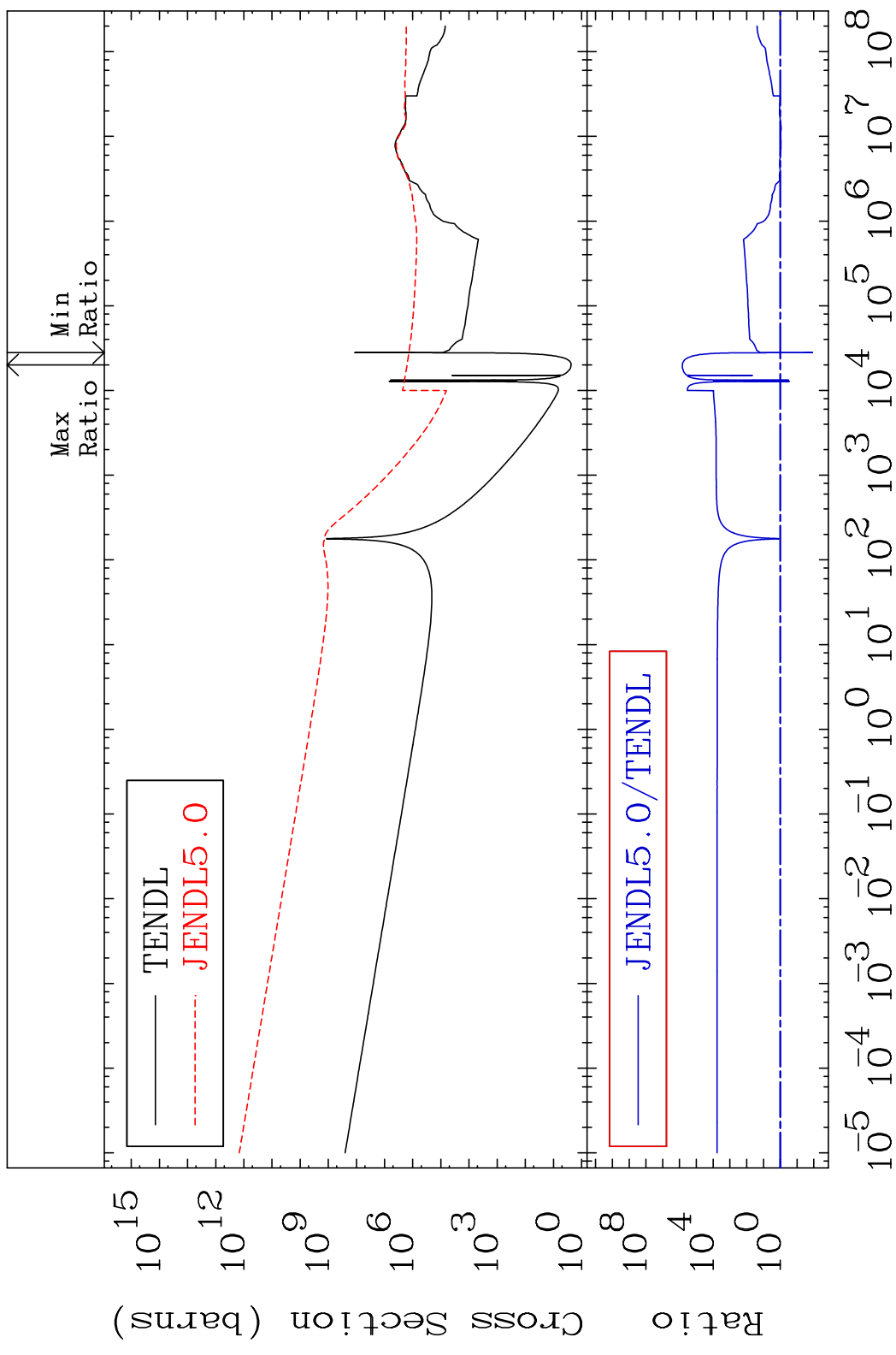
11-Na-22

MAT 1122

Total photon (eV-barns)

11-Na-22

Cross Section -98.81 To 9999. %

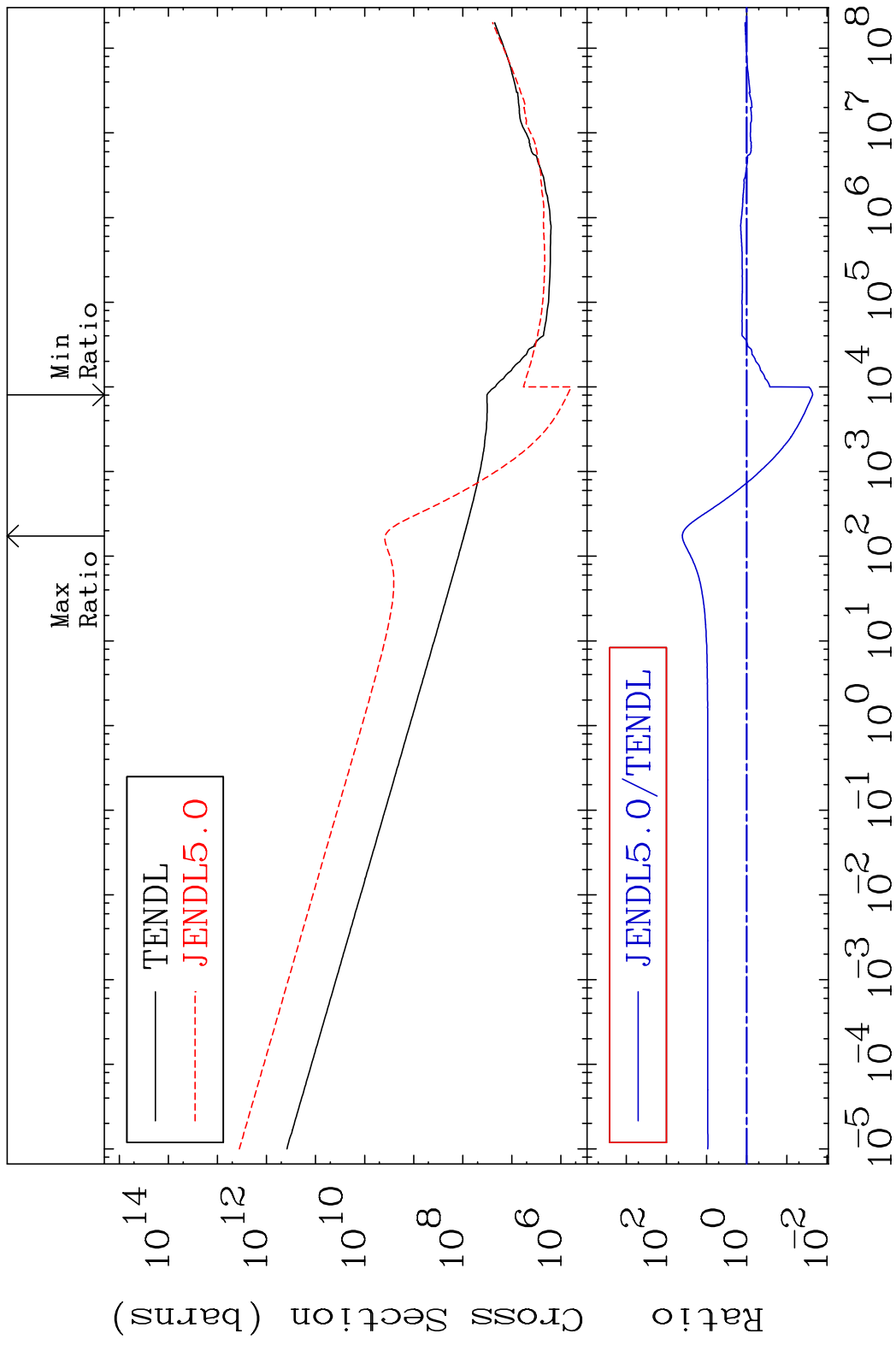


63

Incident Energy (eV)

11-Na-22

MAT 1122 Total kinematic kerma (high limit) 11-Na-22
 Cross Section -97.71 To 3920. %

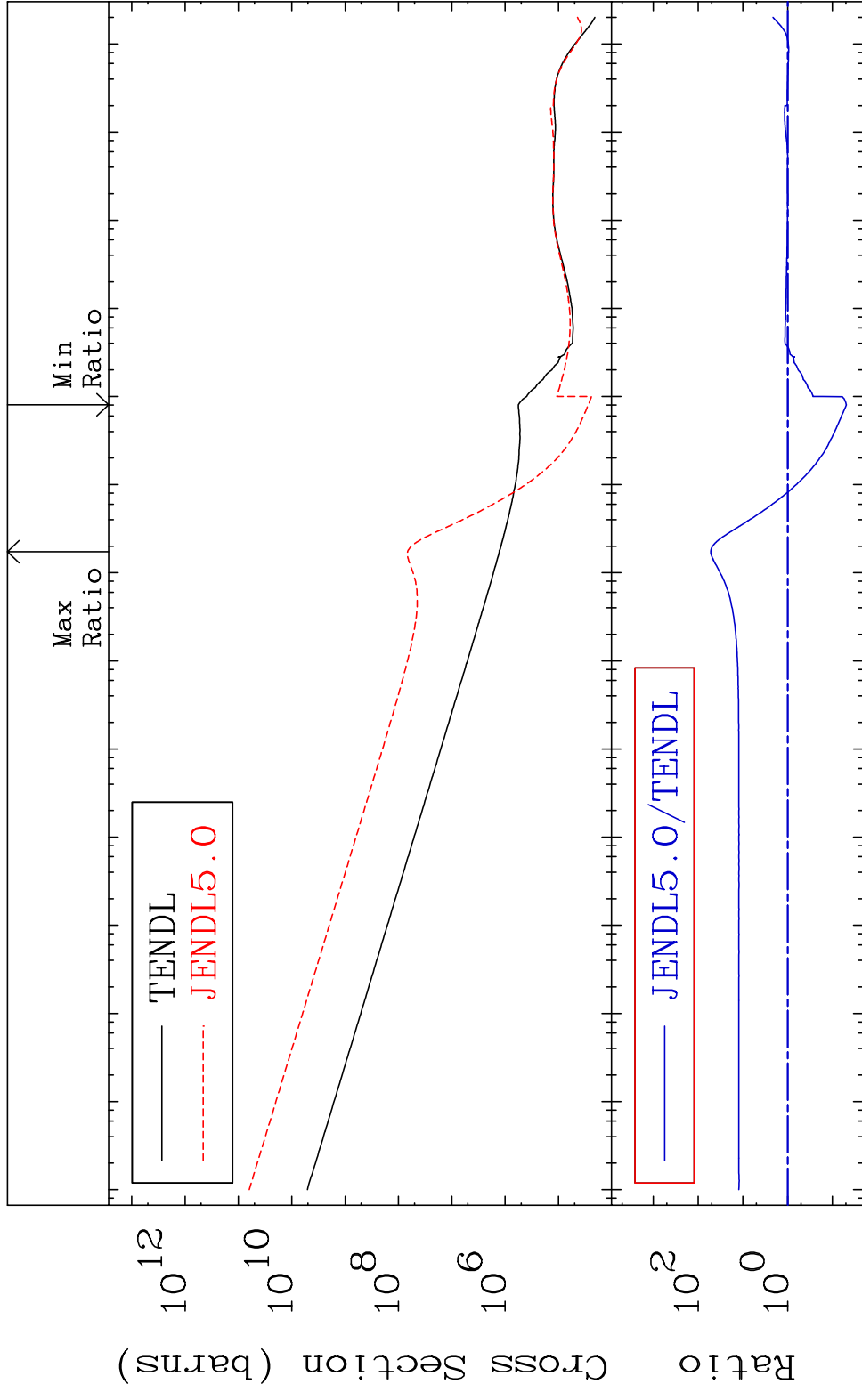


MAT 1122

Dpa total (eV-barns)

11-Na-22

Cross Section -95.12 To 5133. %



65

Incident Energy (eV)

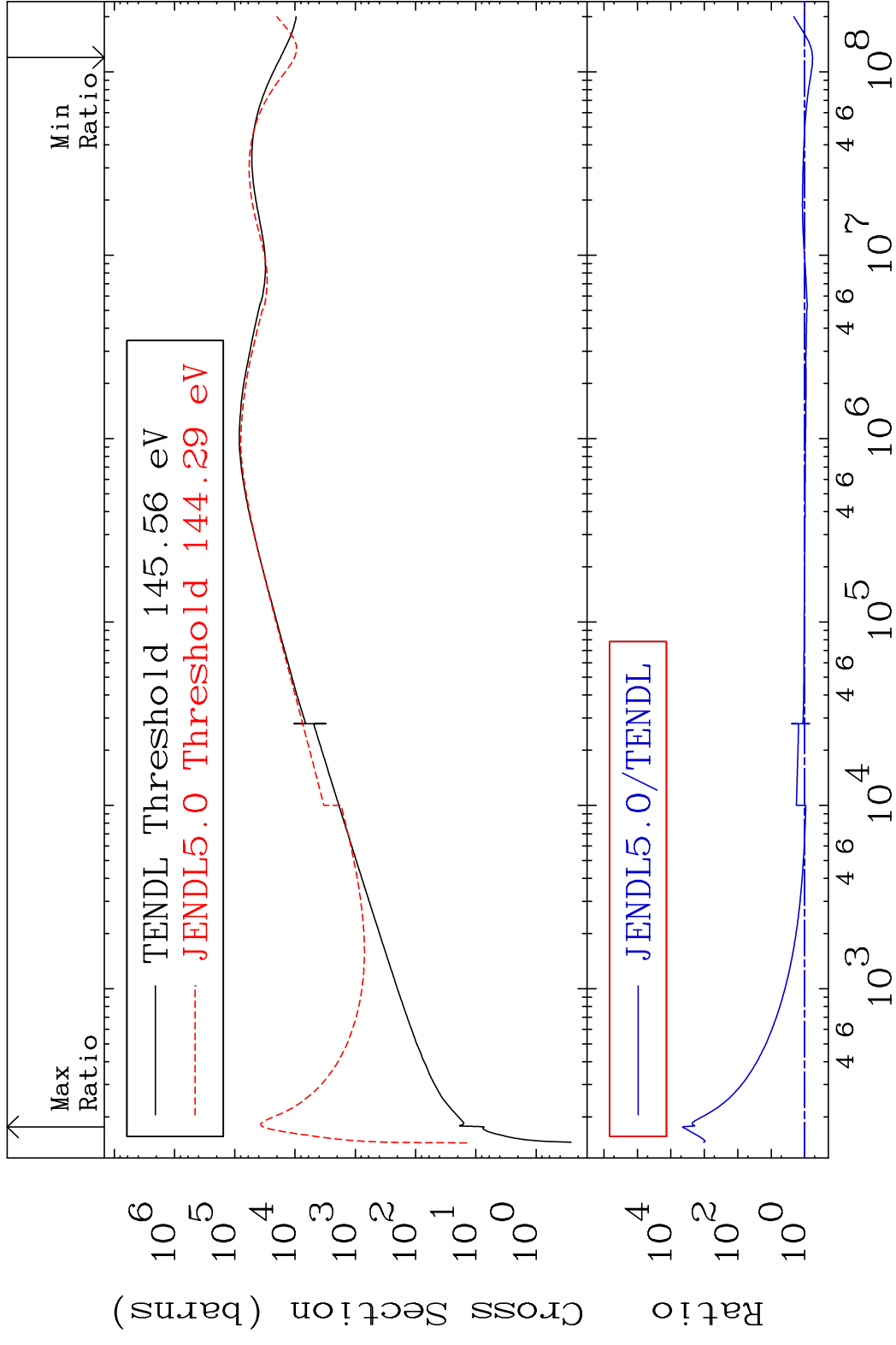
11-Na-22

MAT 1122

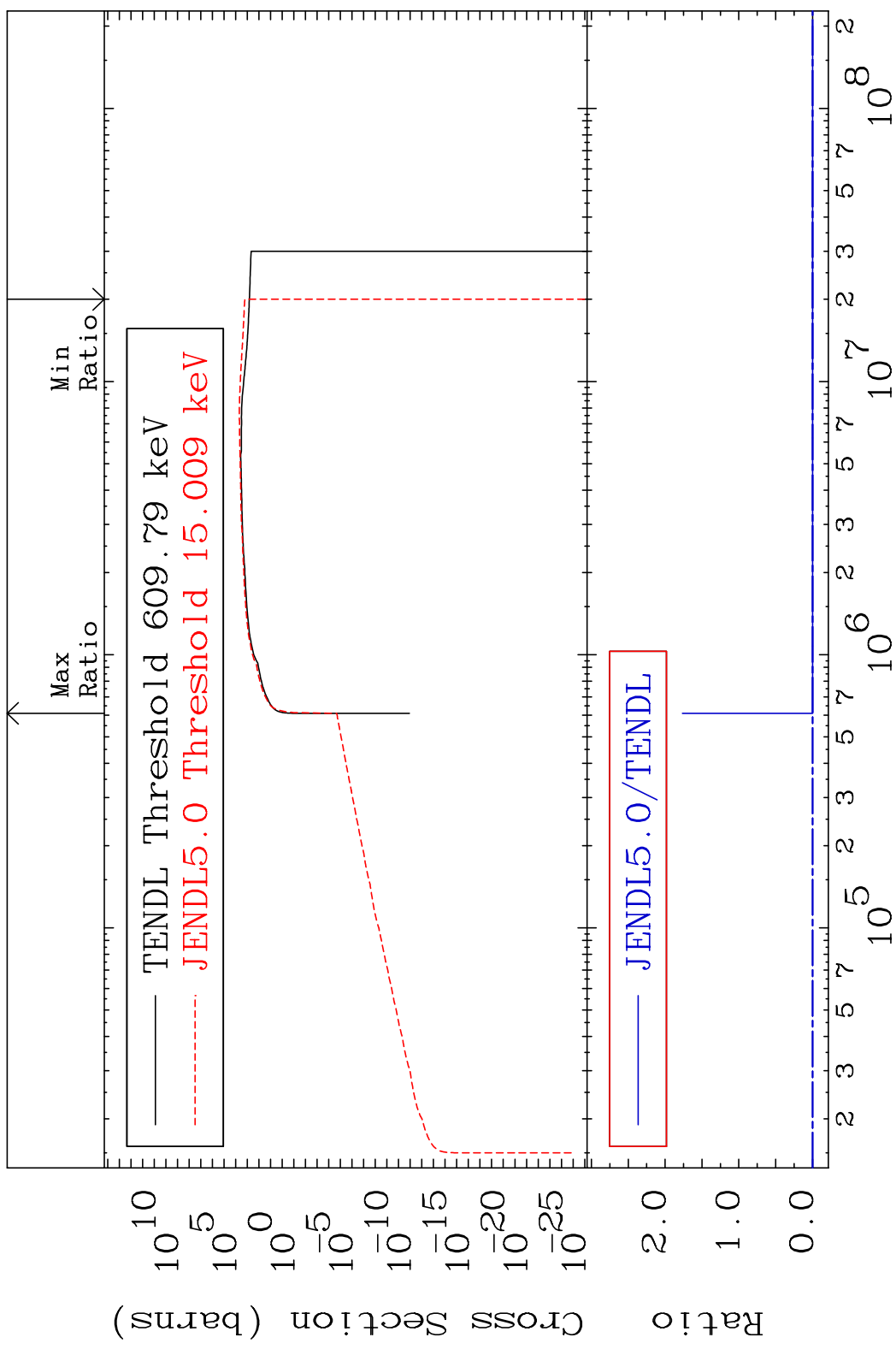
Dpa elastic (mt2)

11-Na-22

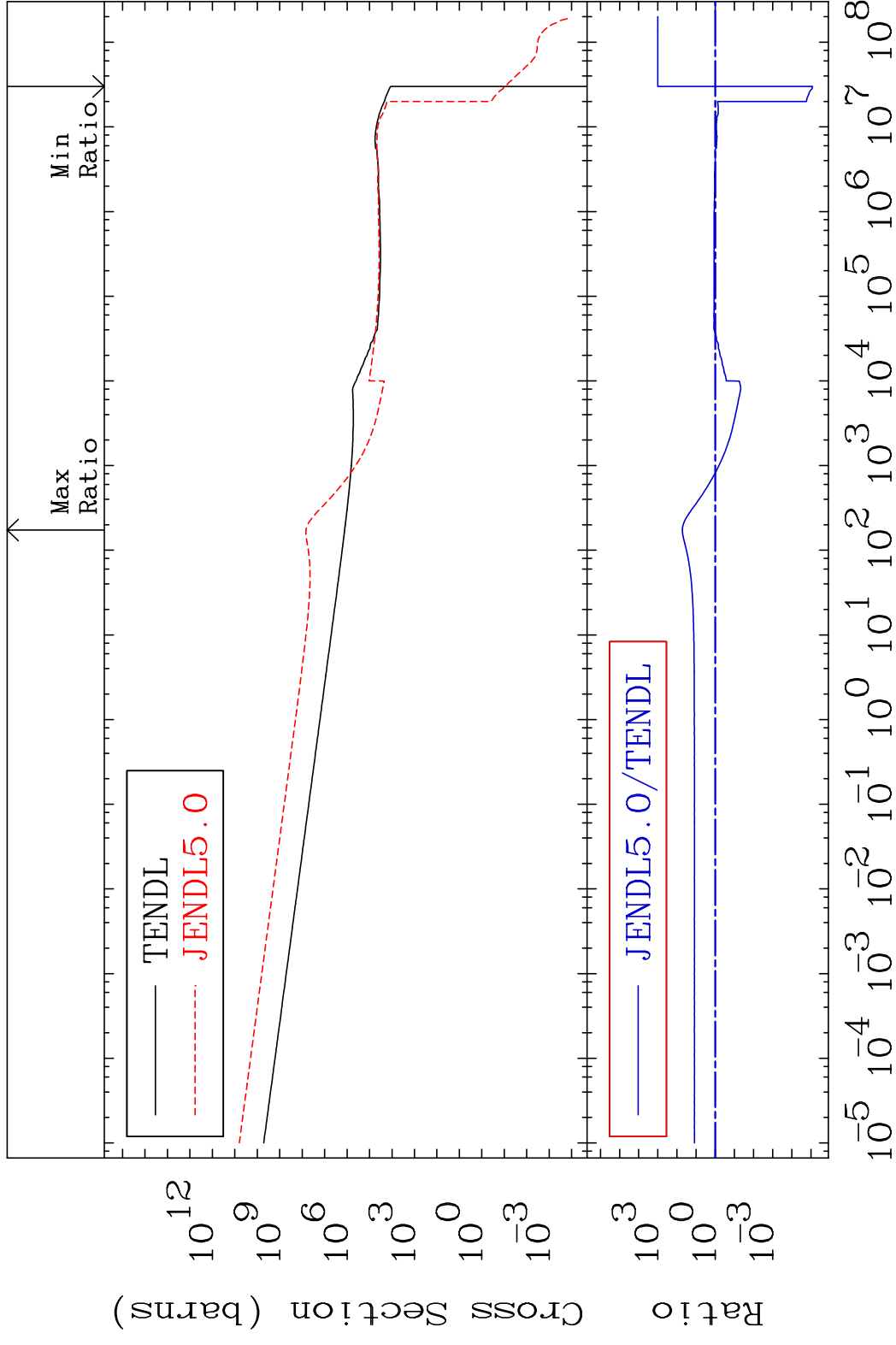
Cross Section -41.77 To 9999. %



Cross Section -100.0 To 9999. %



MAT 1122 Dpa disappearance (mt102 -120) 11-Na-22
 Cross Section -100.0 To 5131. %

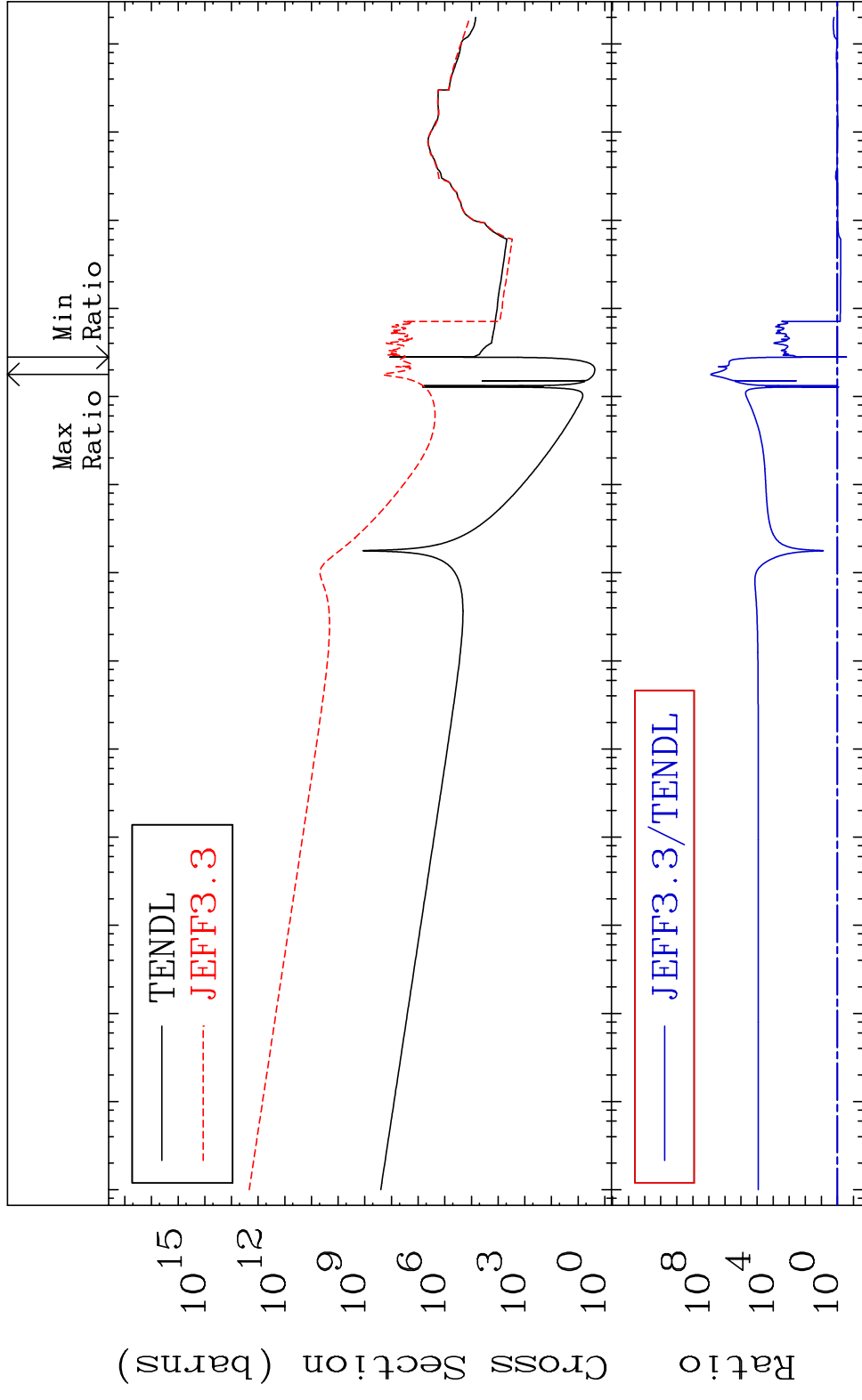


MAT 1122

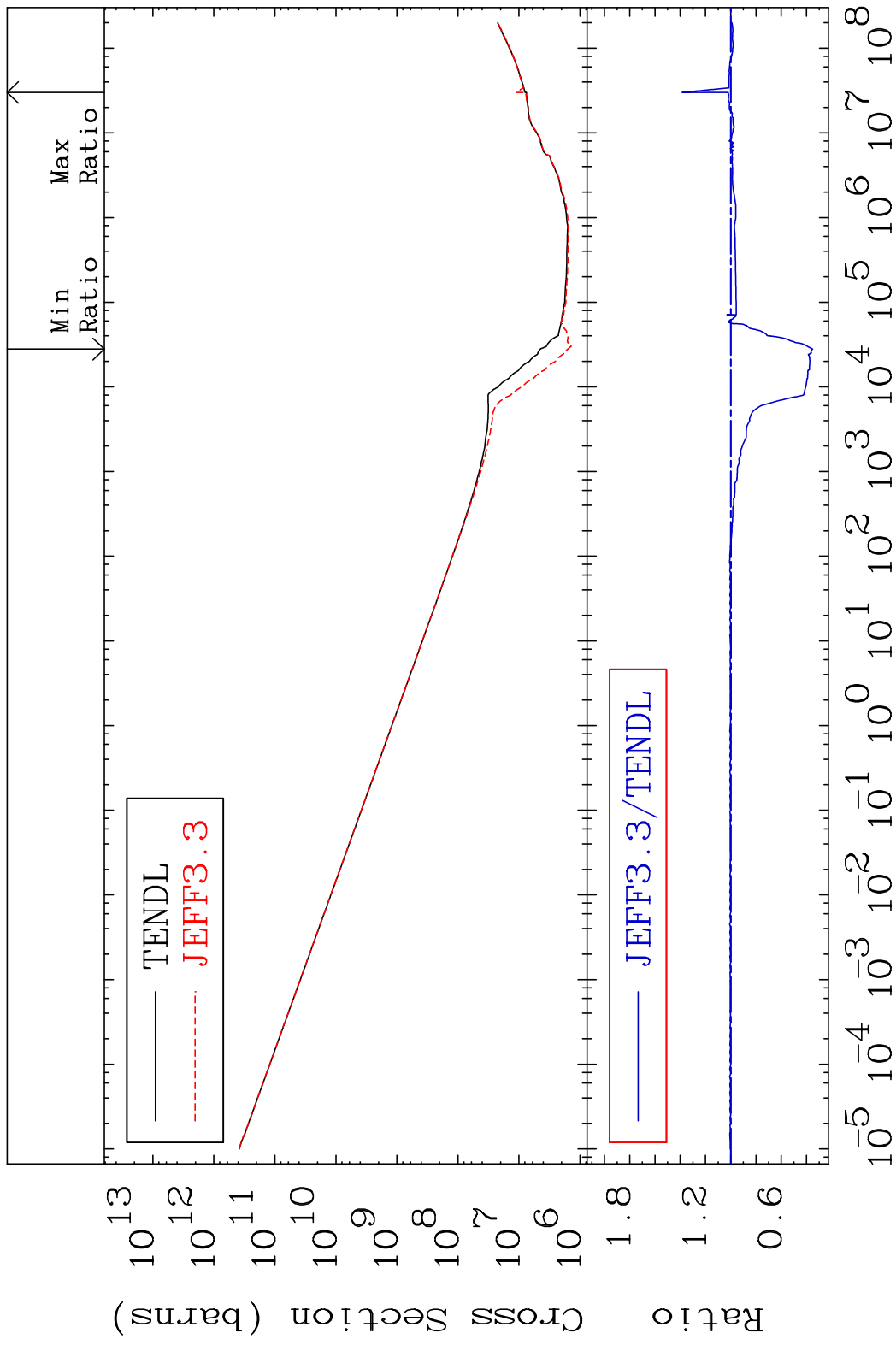
Total photon (eV-barns)

11-Na-22

Cross Section -72.17 To 9999. %



MAT 1122 Total kinematic kerma (high limit) 11-Na-22
 Cross Section -64.81 To 38.29 %



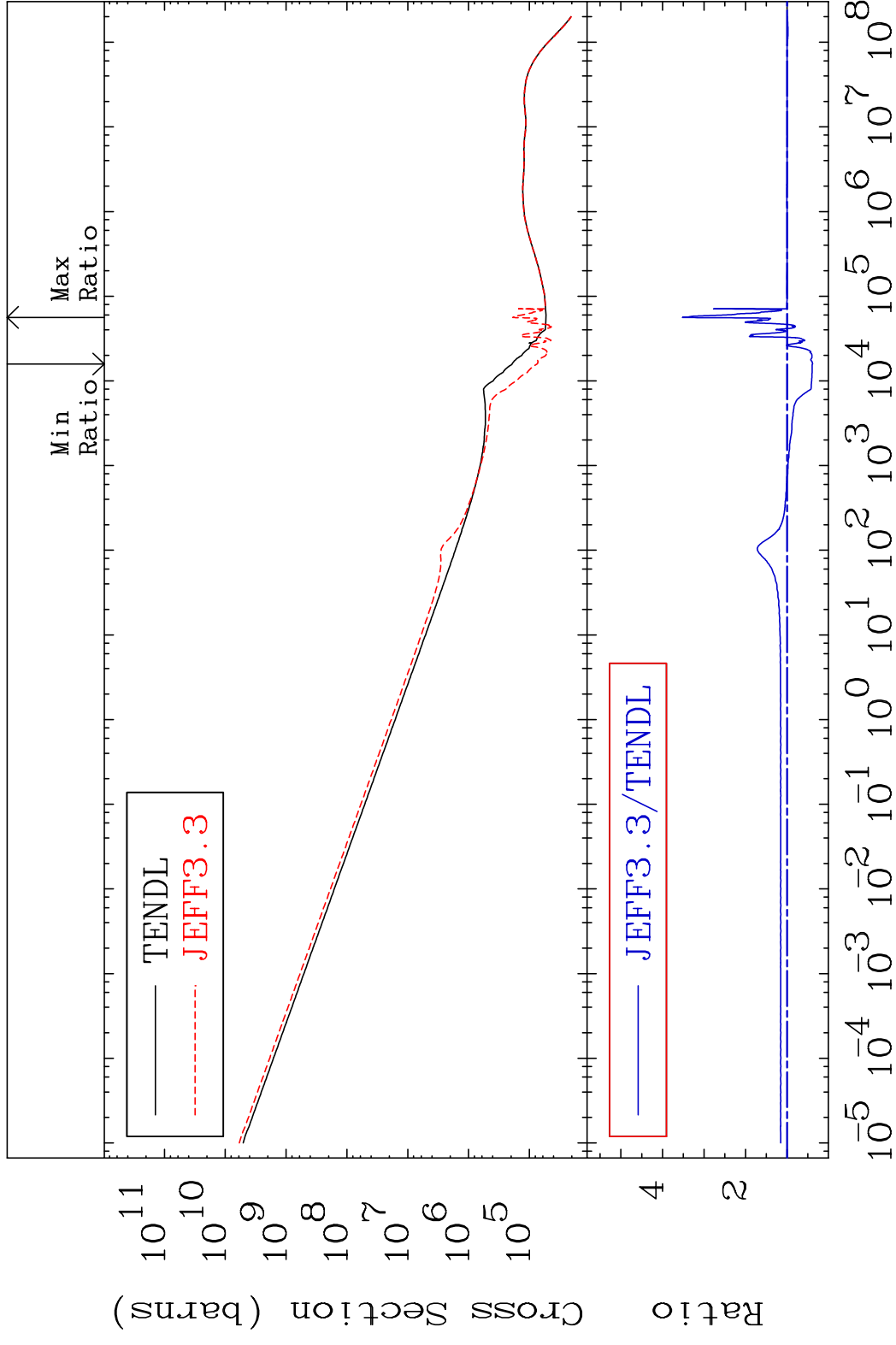
70 Incident Energy (eV) 11-Na-22

MAT 1122

Dpa total (eV-barns)

11-Na-22

Cross Section -61.21 To 252.2 %



71

Incident Energy (eV)

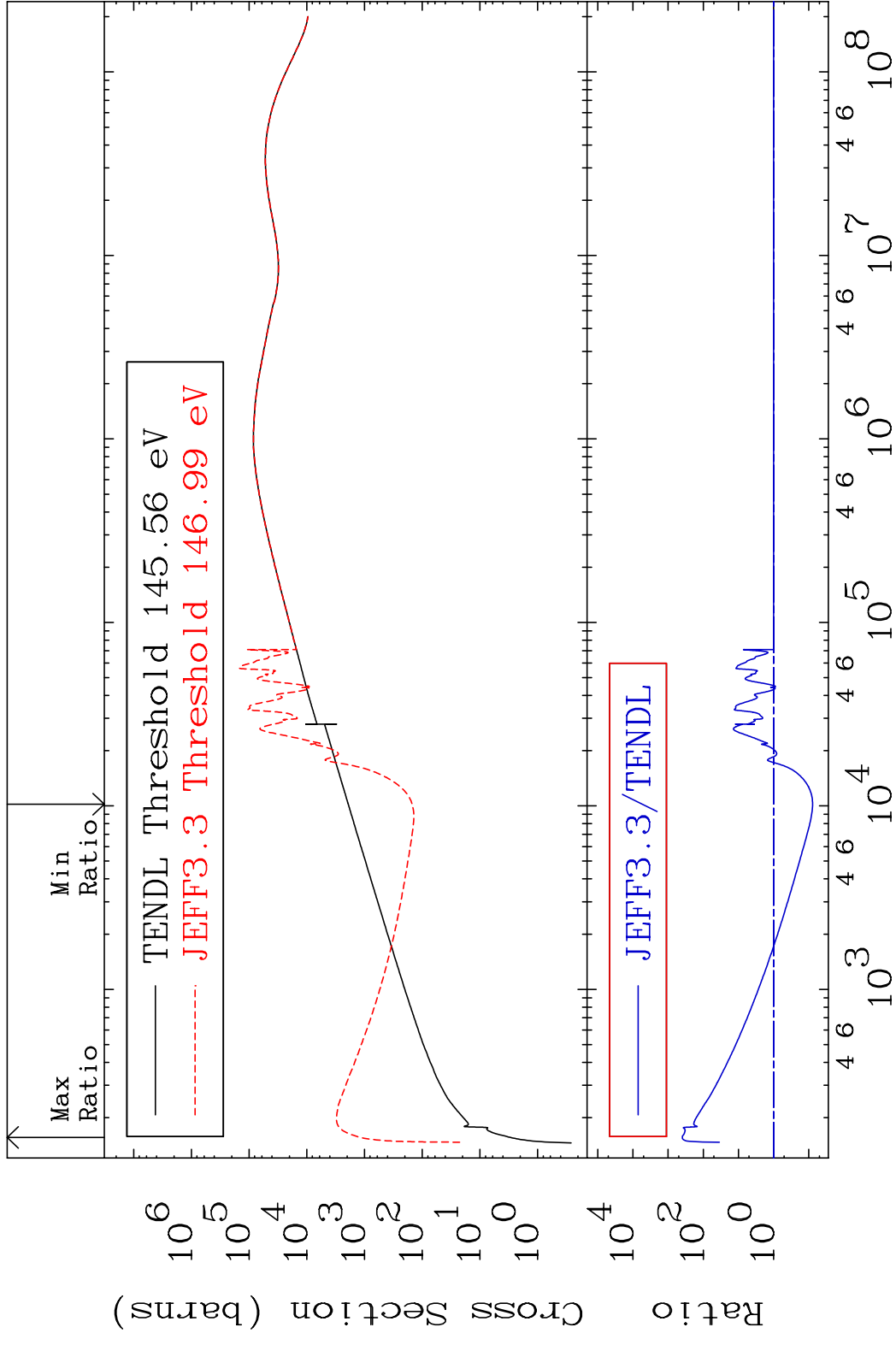
11-Na-22

MAT 1122

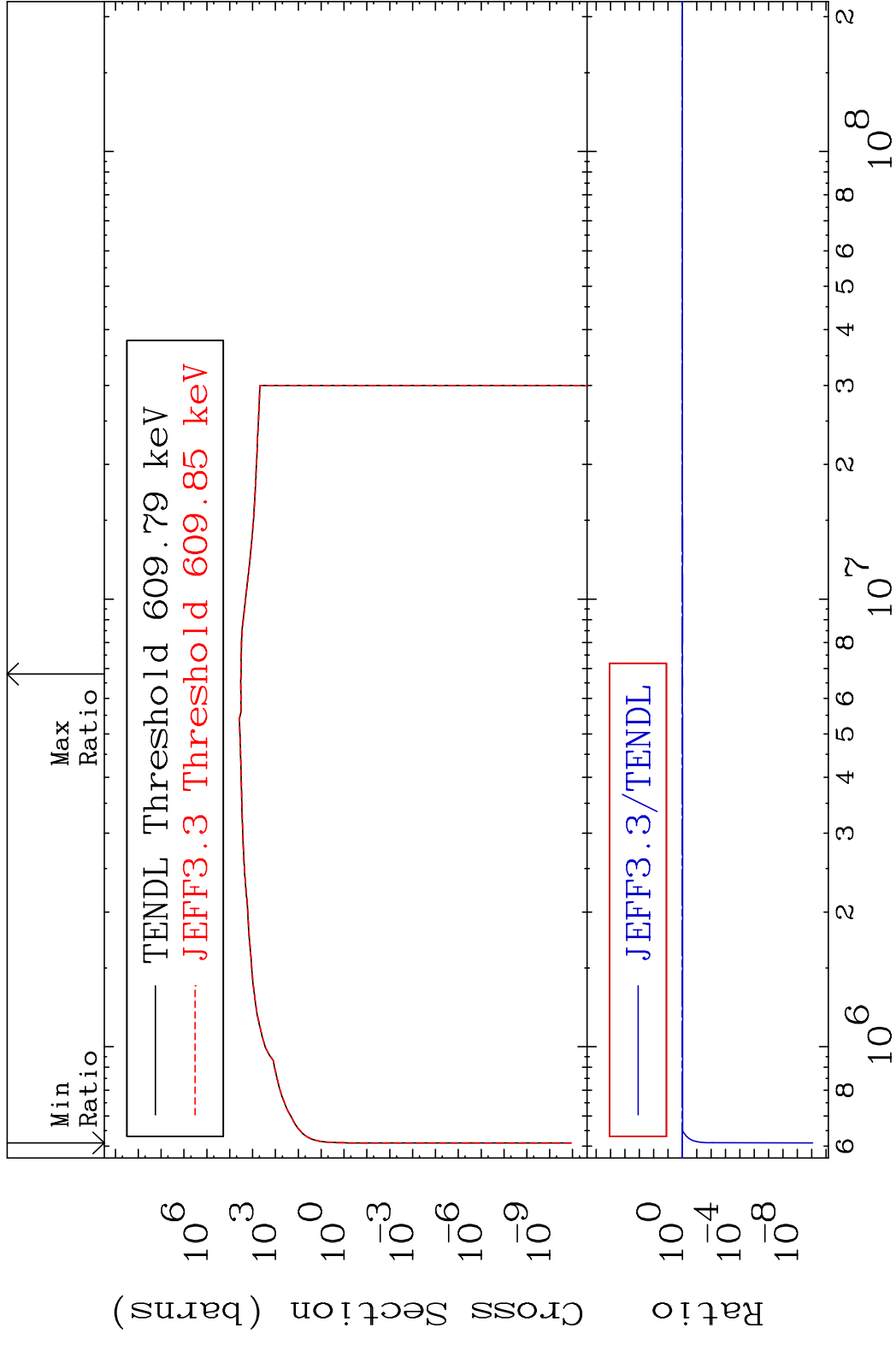
Dpa elastic (mt2)

11-Na-22

Cross Section -92.19 To 9999. %



MAT 1122 Dpa inelastic (mt51-91) 11-Na-22
 Cross Section -100.0 To 1.462 %



MAT 1122 Dpa disappearance (mt102 -120) 11-Na-22
 Cross Section -64.85 To 71.83 %

