

Program Complot
(Version 2021-1)

by

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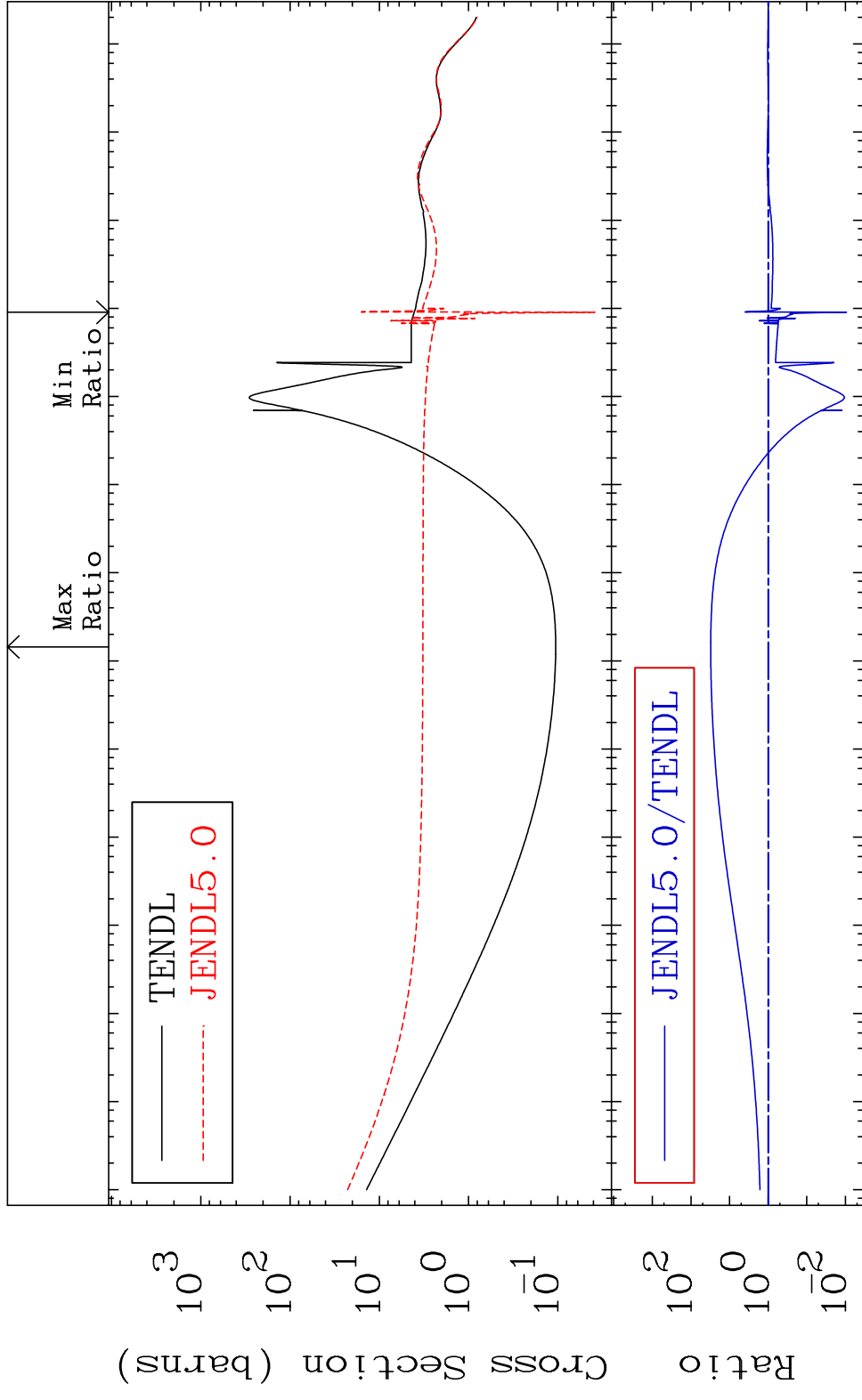
Press Mouse Button to Start

MAT 1843

18-Ar-42

Total

Cross Section -99.05 To 2975. %

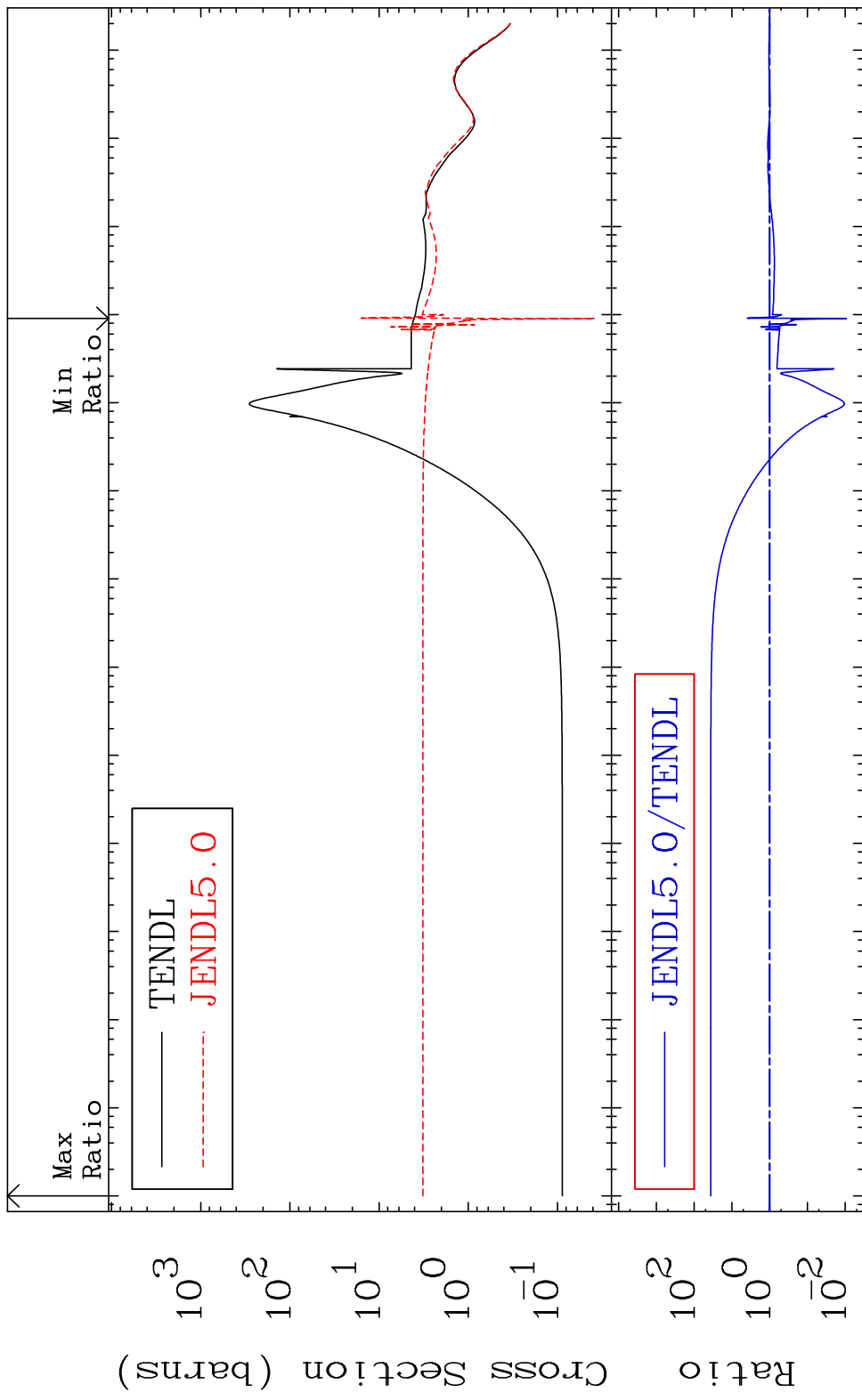


1

Incident Energy (eV)

18-Ar-42

MAT 1843 Elastic 18-Ar-42
 Cross Section -99.06 To 3555. %

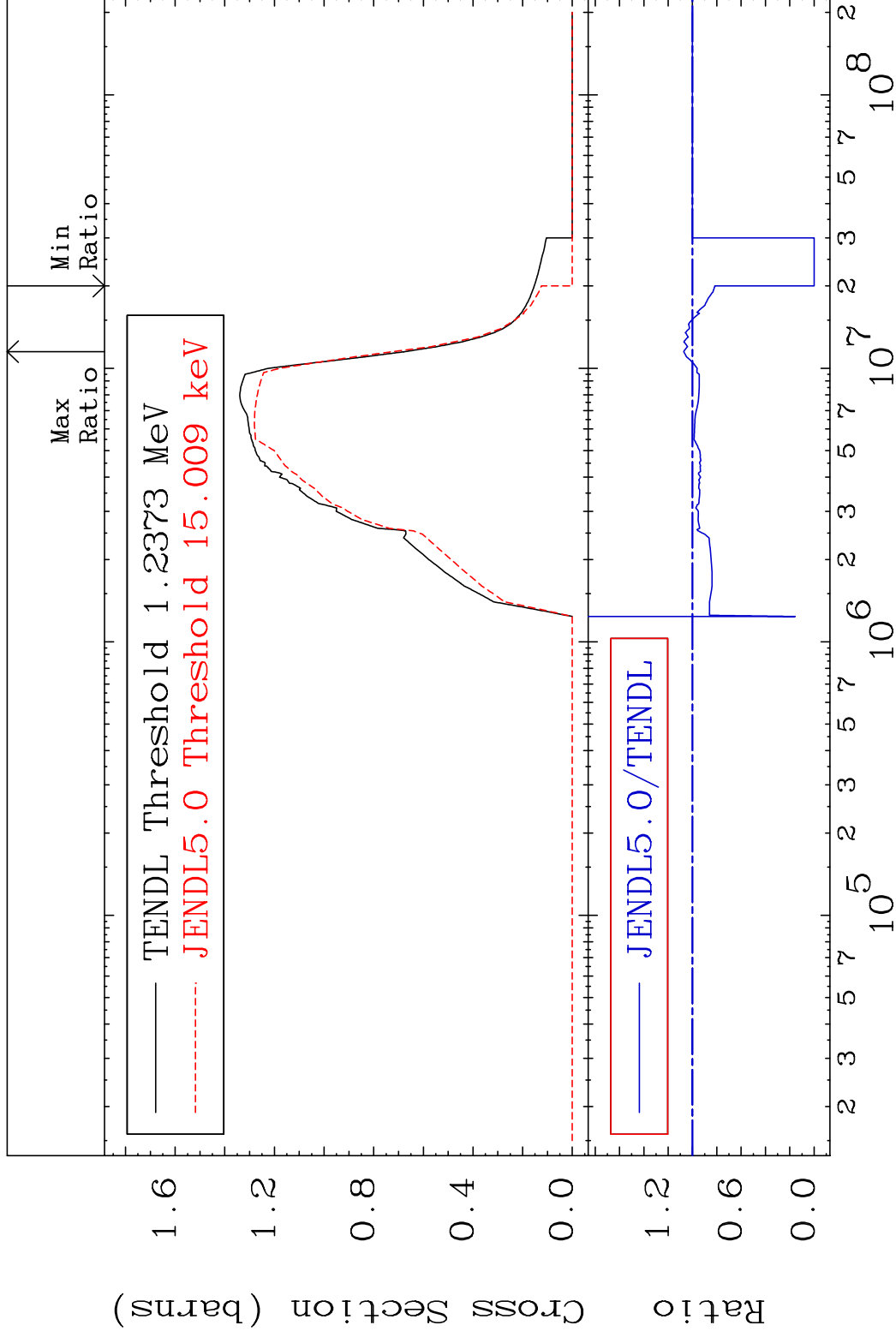


MAT 1843

Inelastic

18-Ar-42

Cross Section -100.0 To 7.254 %



3

Incident Energy (eV)

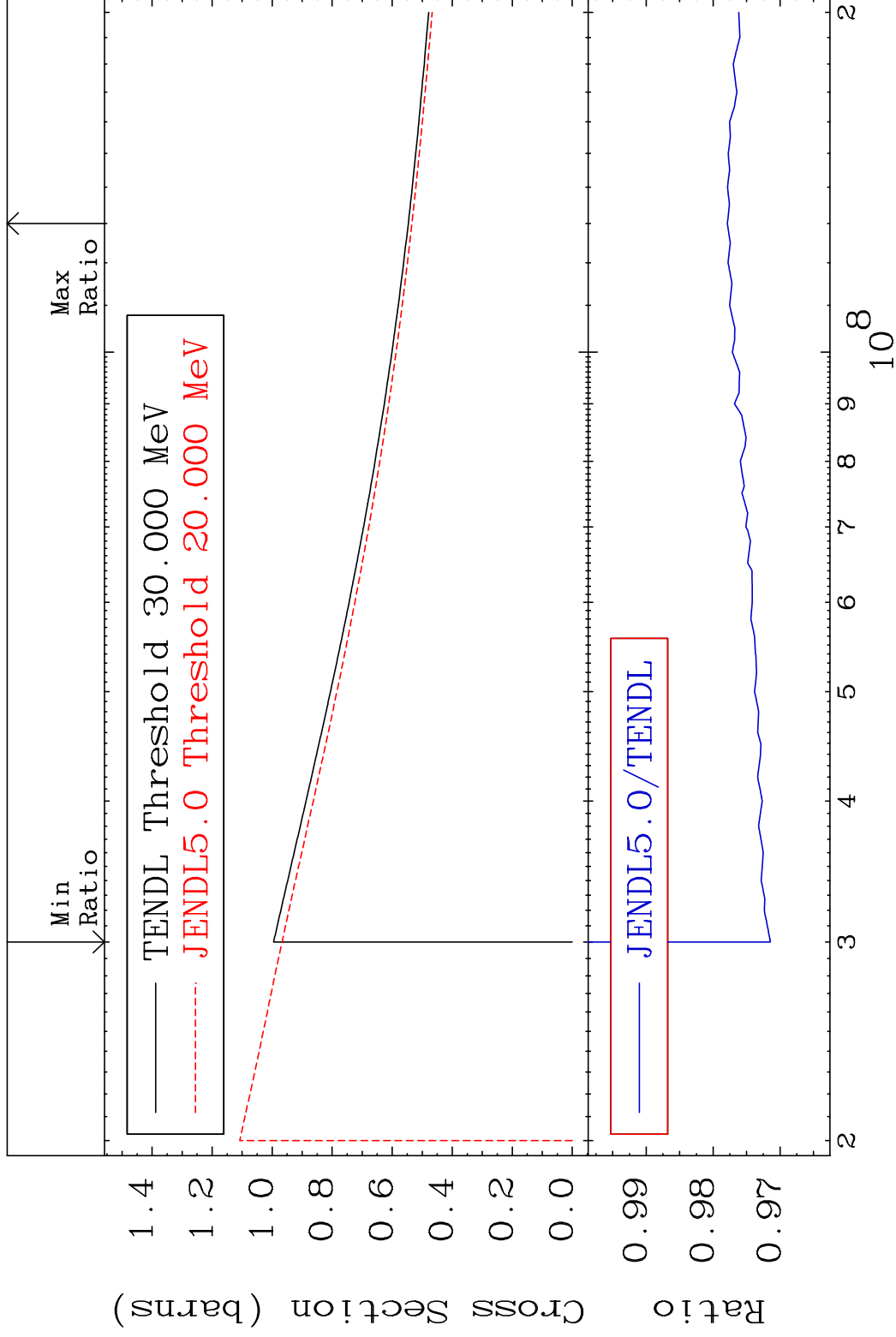
18-Ar-42

MAT 1843

(n, remainder)

18-Ar-42

Cross Section -2.855 To -2.214%



4

Incident Energy (eV)

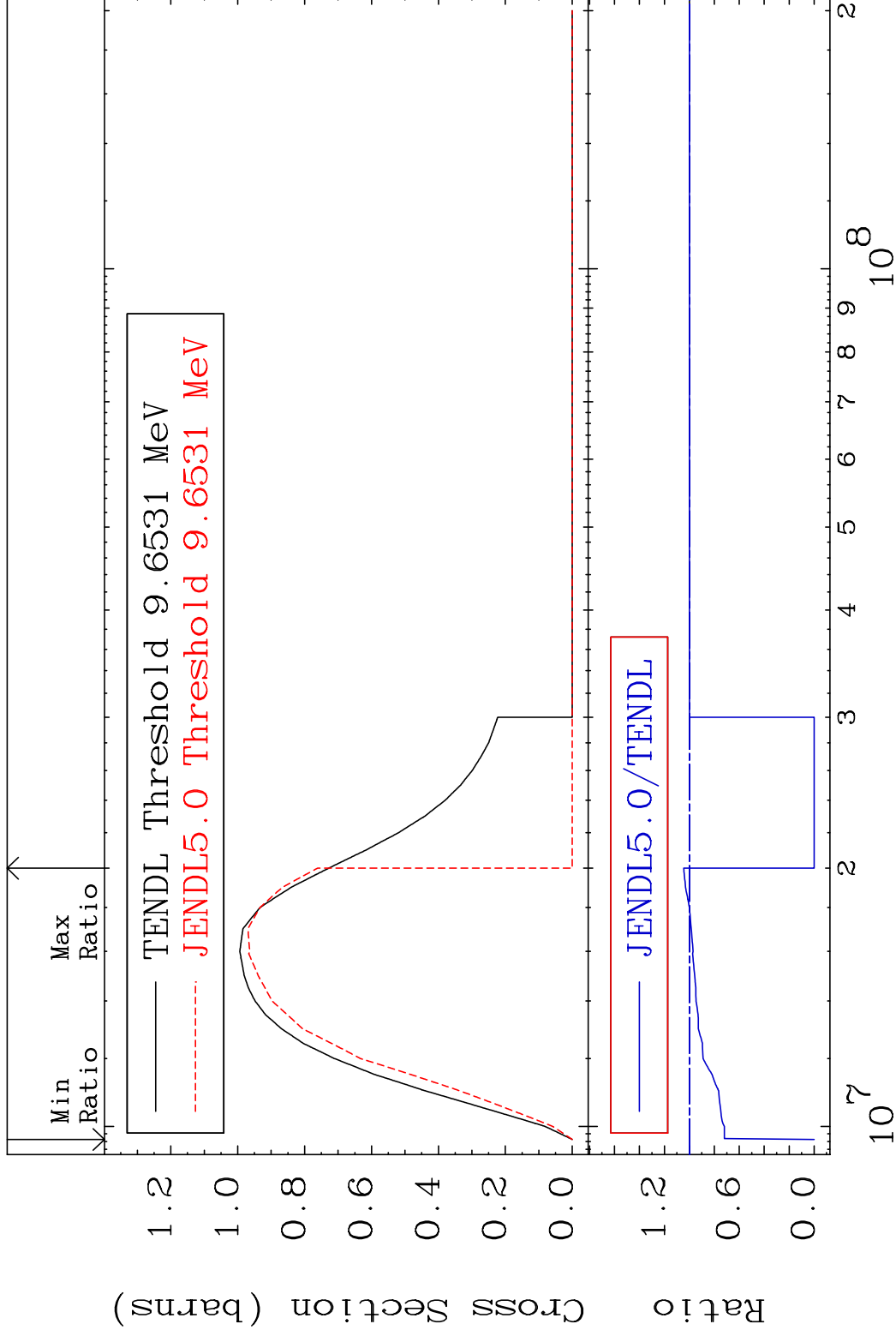
18-Ar-42

MAT 1843

(n,2n)

18-Ar-42

Cross Section -100.0 To 4.554 %



5

Incident Energy (eV)

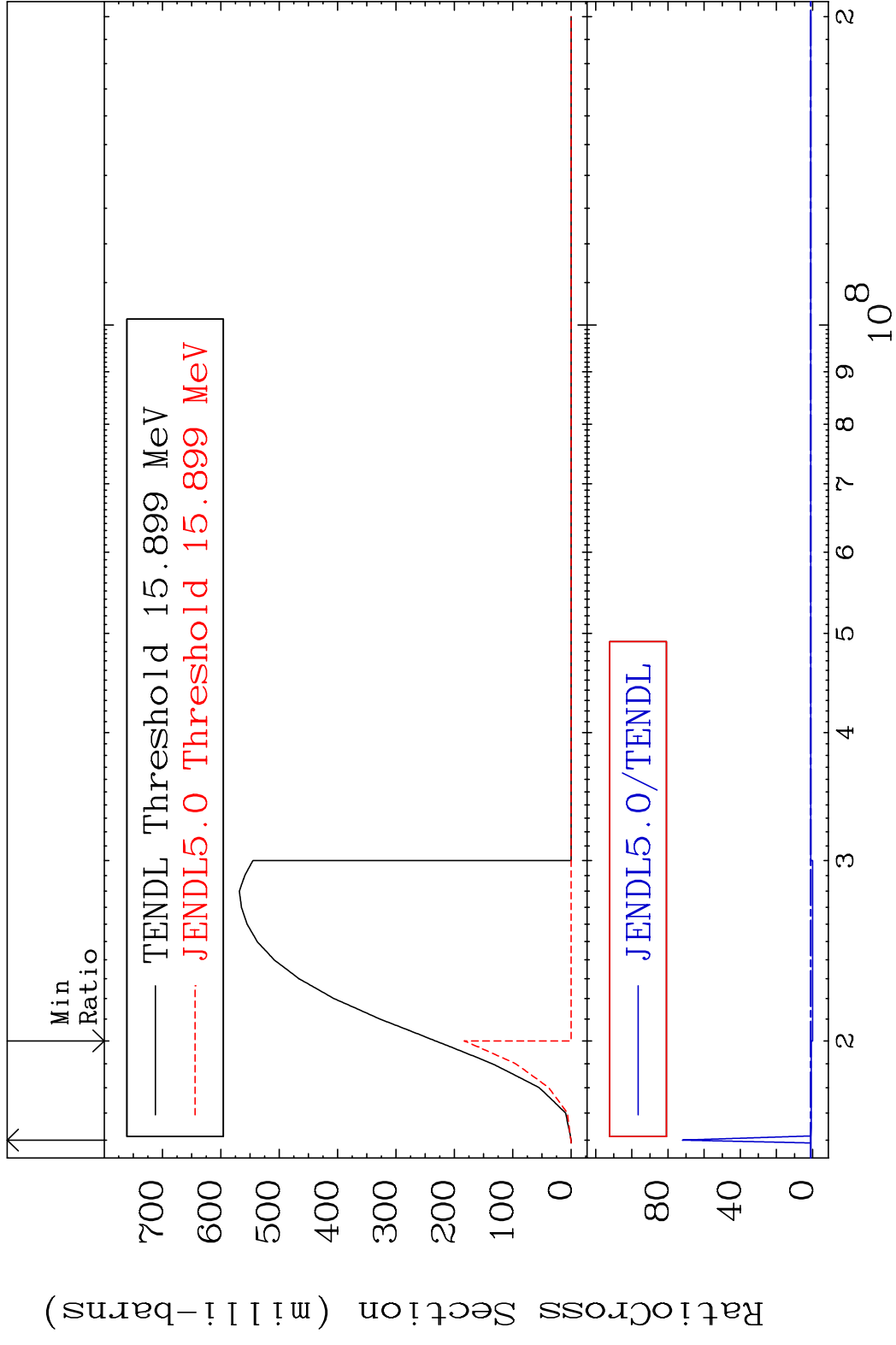
18-Ar-42

MAT 1843

(n,3n)

18-Ar-42

Cross Section -100.0 To 7105. %

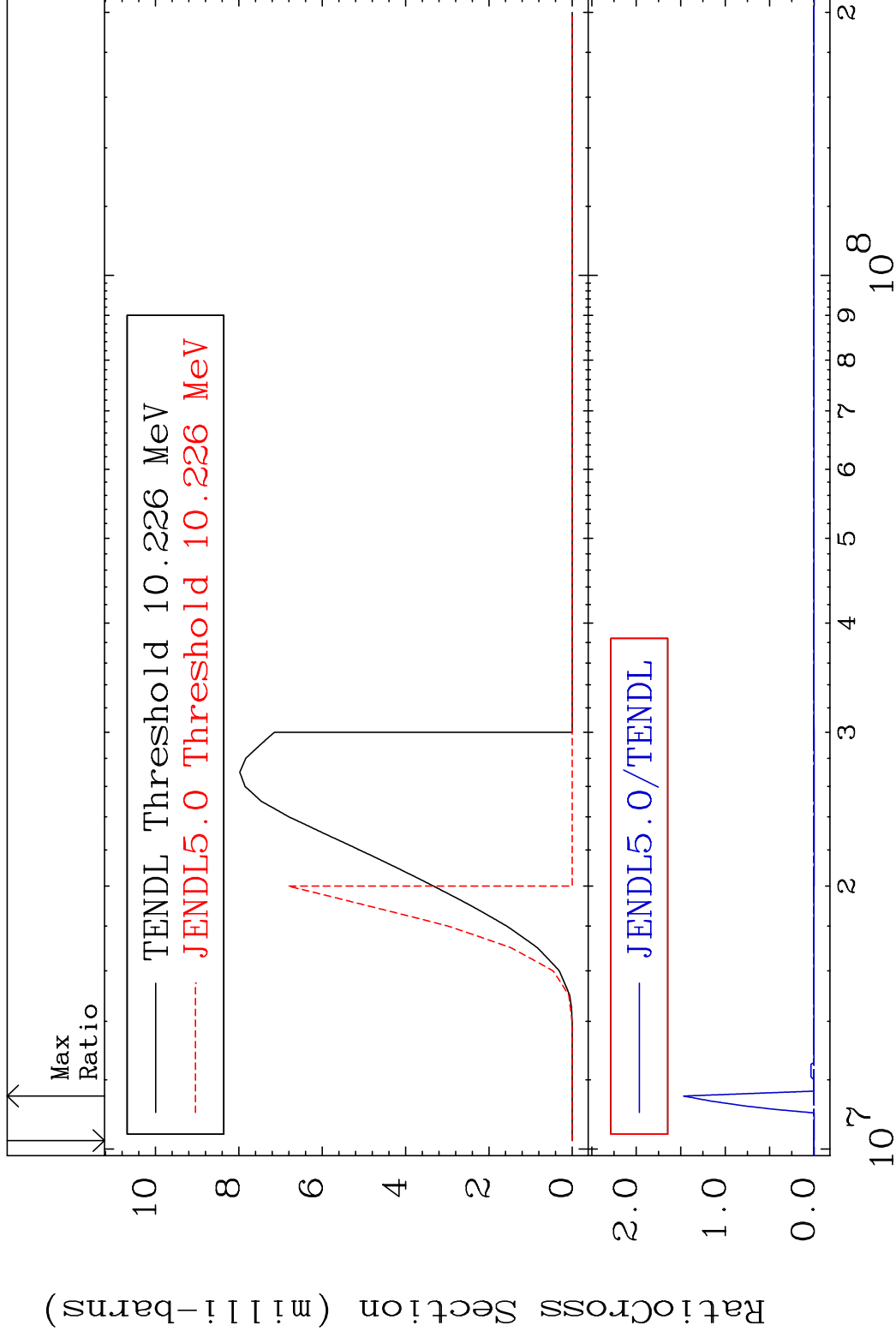


MAT 1843

(n, n') α

18-Ar-42

Cross Section -100.0 To 9999. %

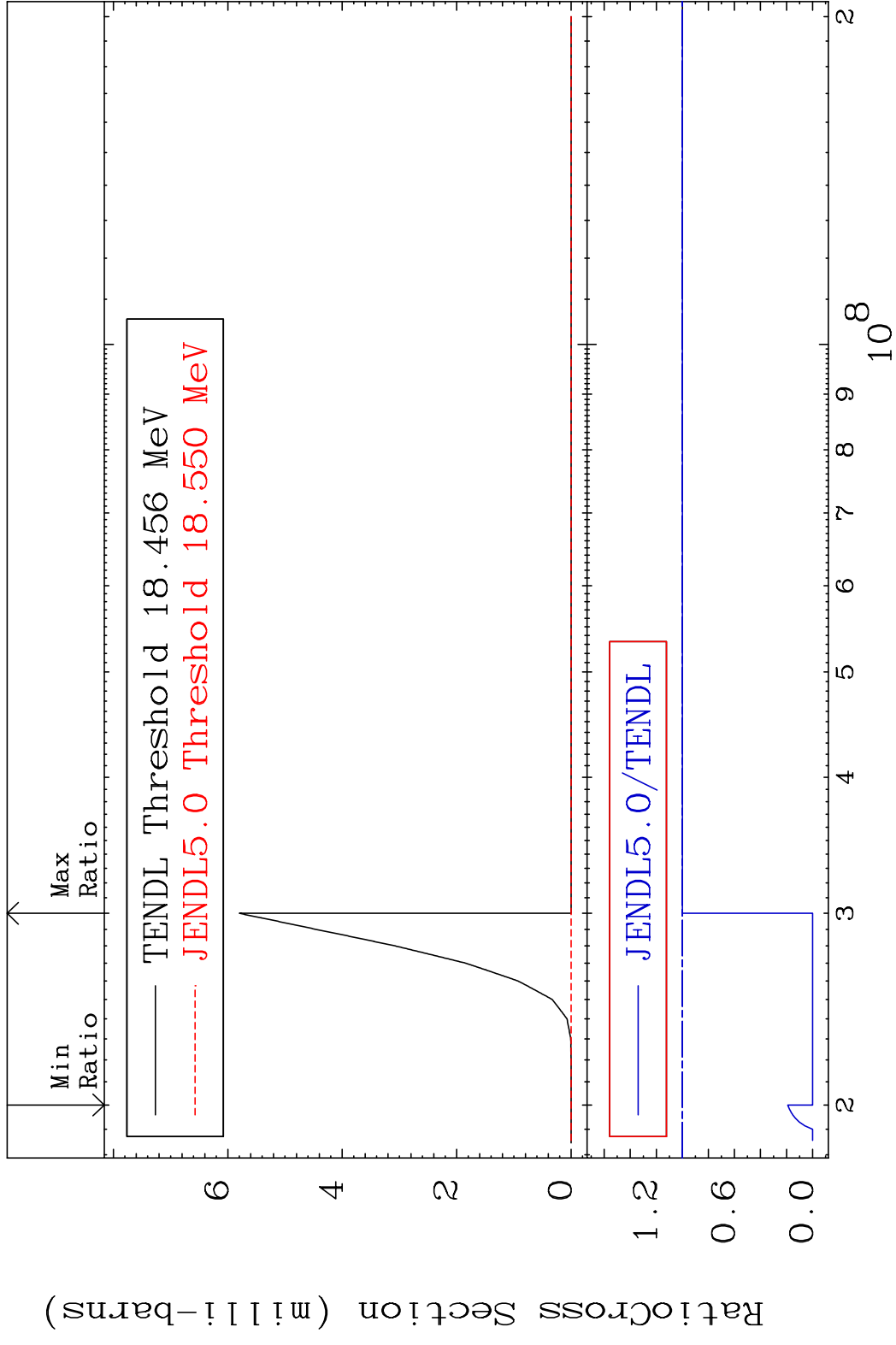


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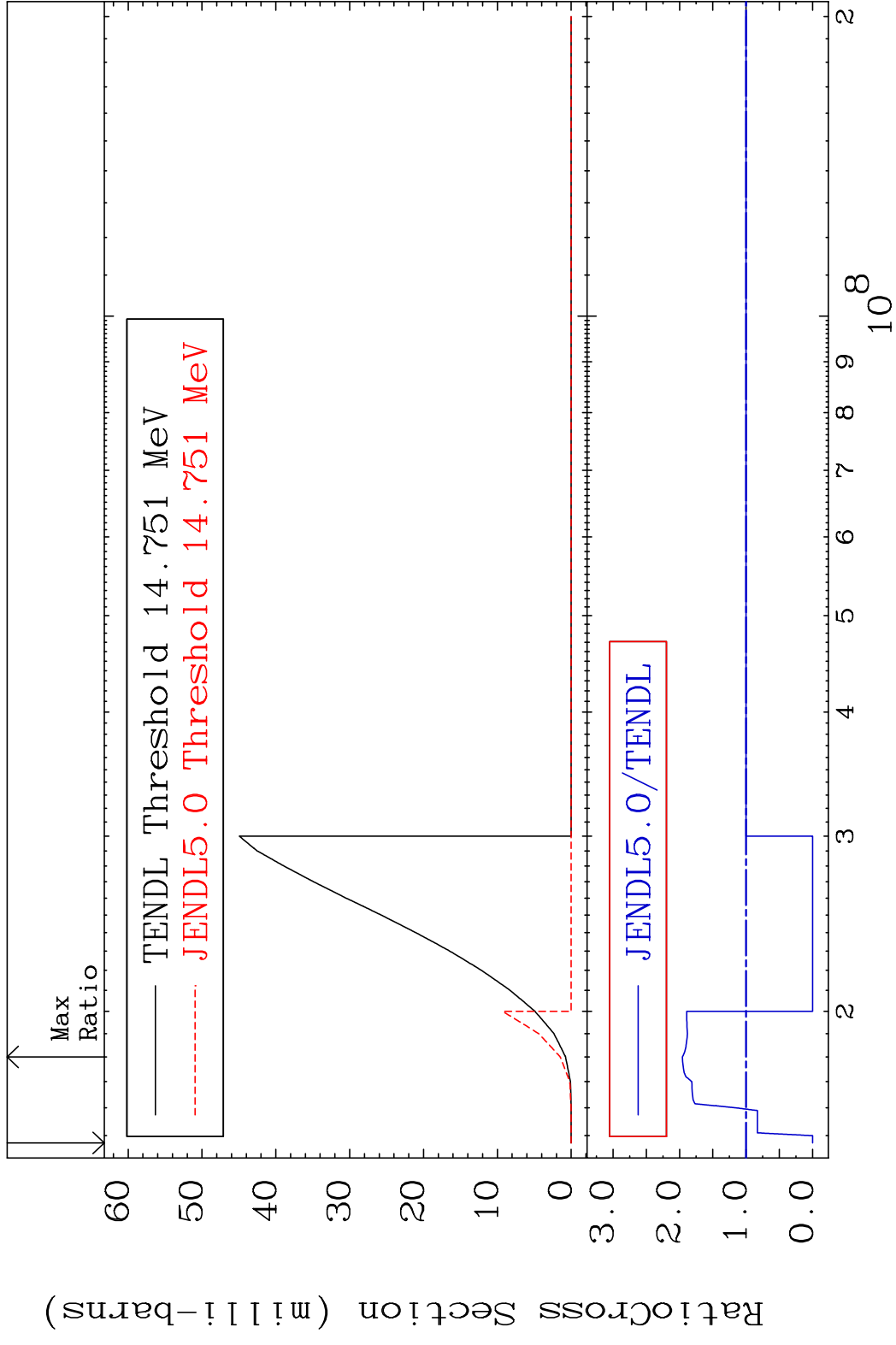
Incident Energy (eV)

18-Ar-42

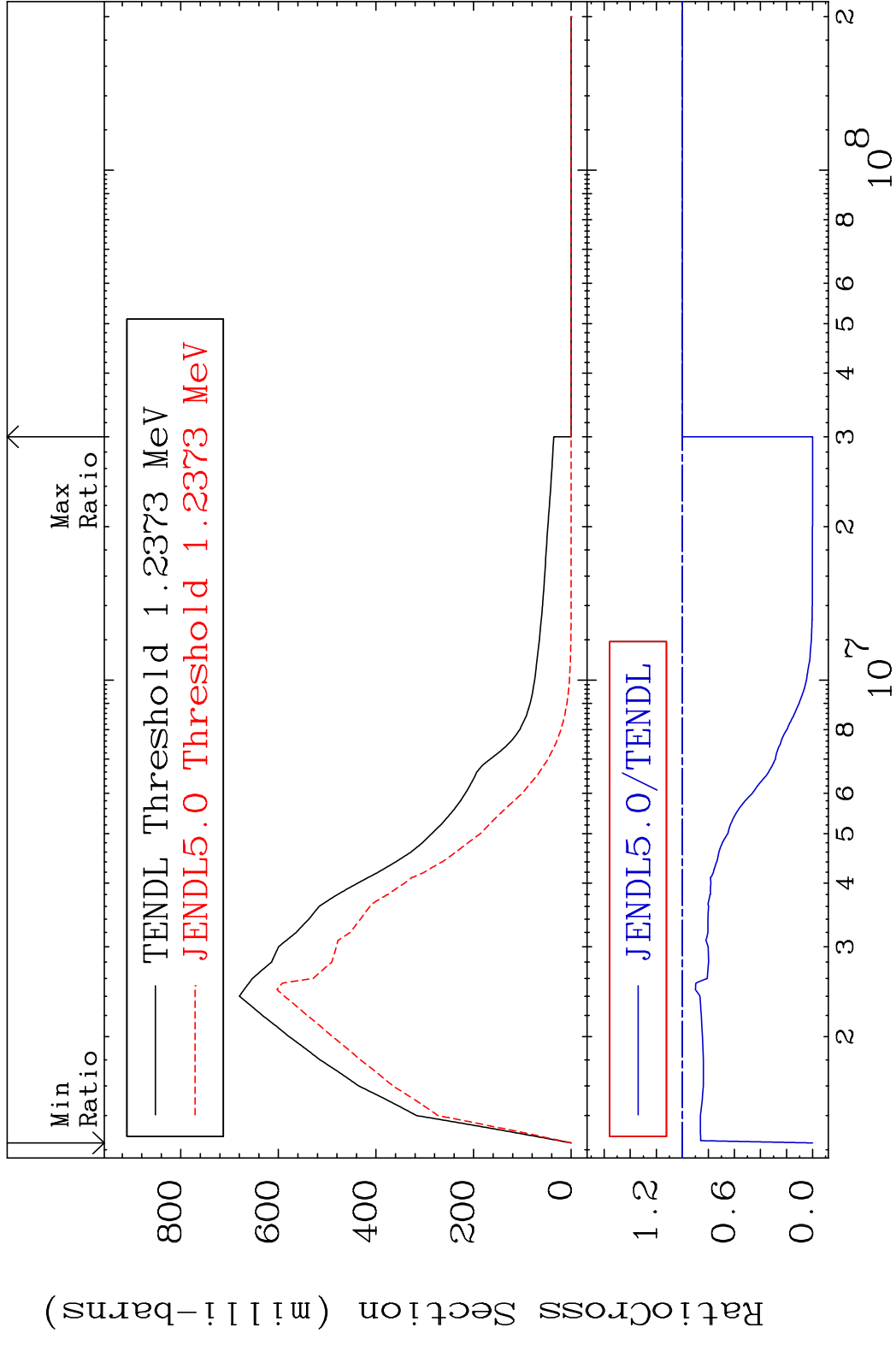
MAT 1843 (n,2n) α 18-Ar-42
 Cross Section -100.0 To 0.000 %



MAT 1843 (n, n') p 18-Ar-42
 Cross Section -100.0 To 95.78 %



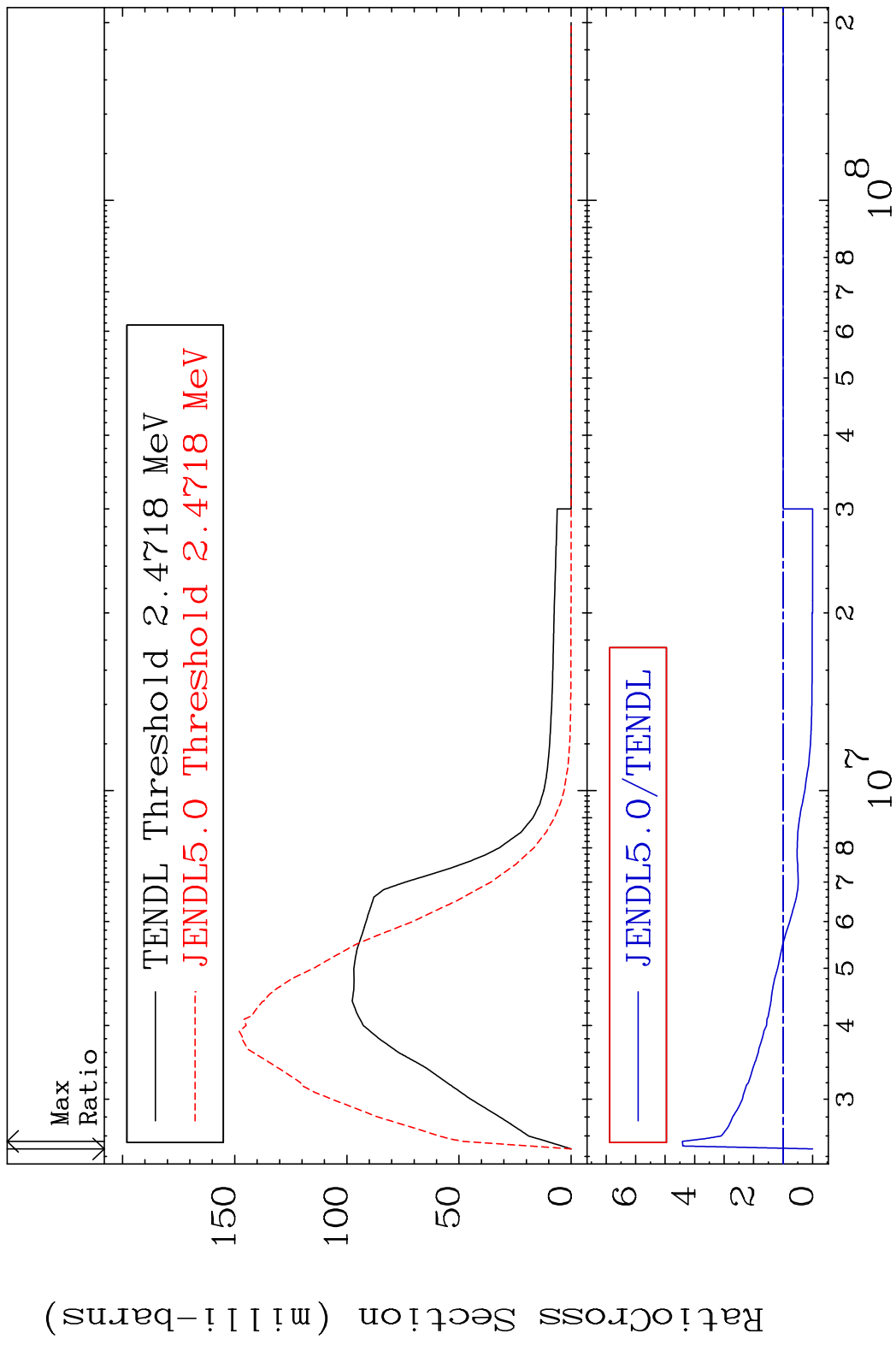
MAT 1843 MT= 51 (n, n') Level 18-Ar-42
 Cross Section -100.0 To 0.000 %



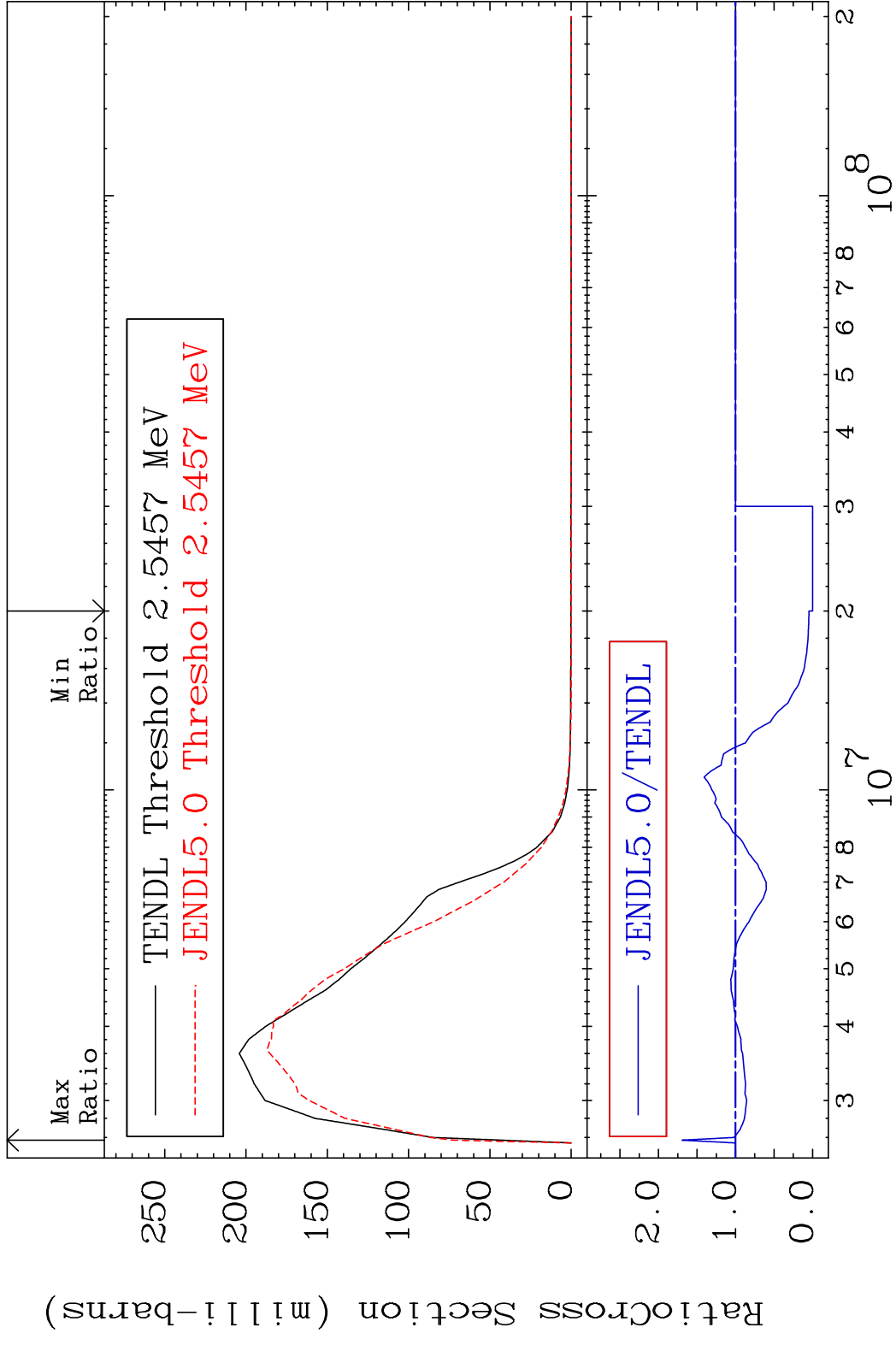
10

18-Ar-42

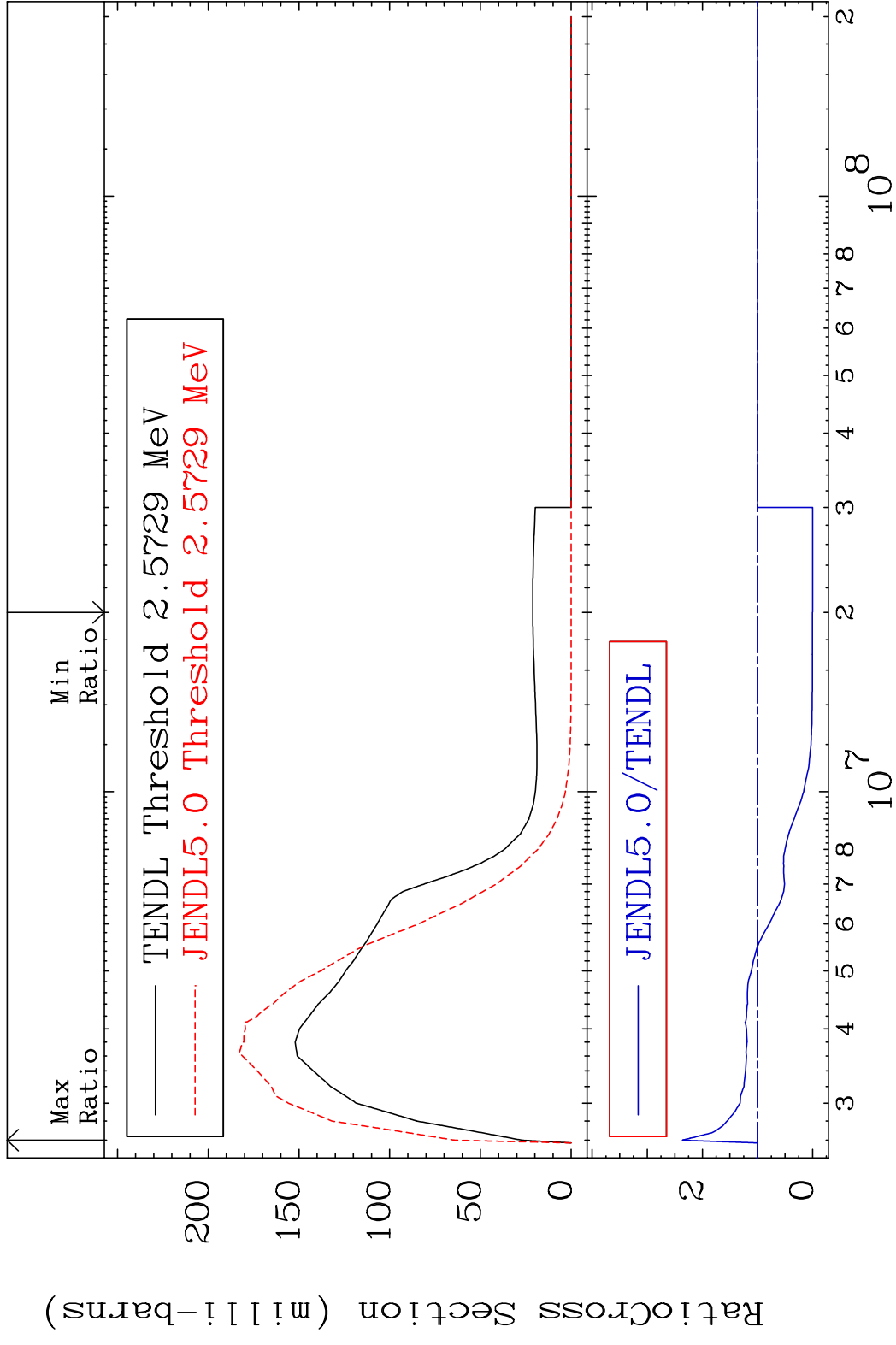
MAT 1843 MT= 52 (n, n') Level 18-Ar-42
 Cross Section -100.0 To 341.7 %



MAT 1843 MT= 53 (n, n') Level 18-Ar-42
 Cross Section -100.0 To 69.01 %

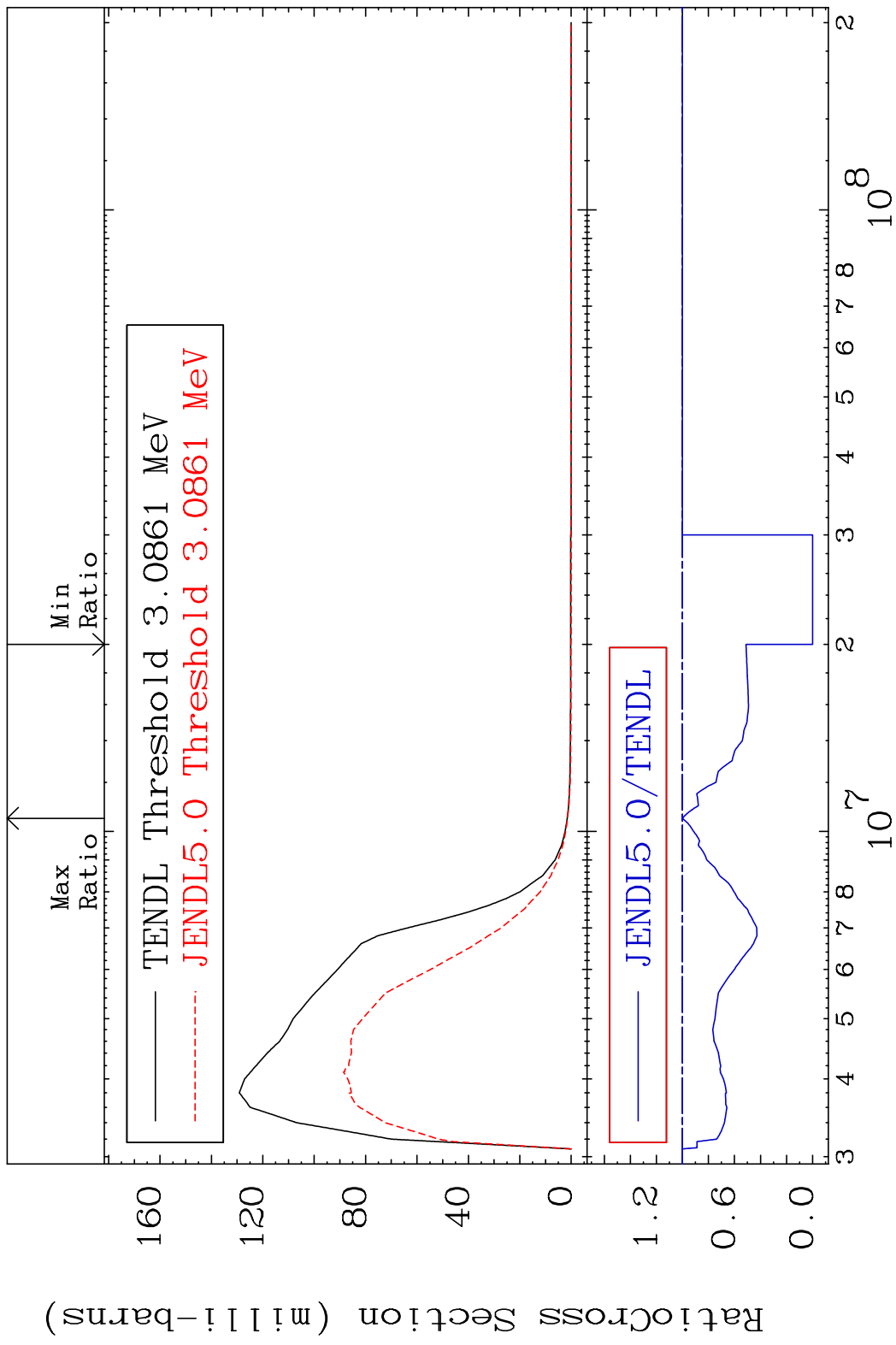


MAT 1843 MT= 54 (n, n') Level 18-Ar-42
 Cross Section -100.0 To 136.3 %

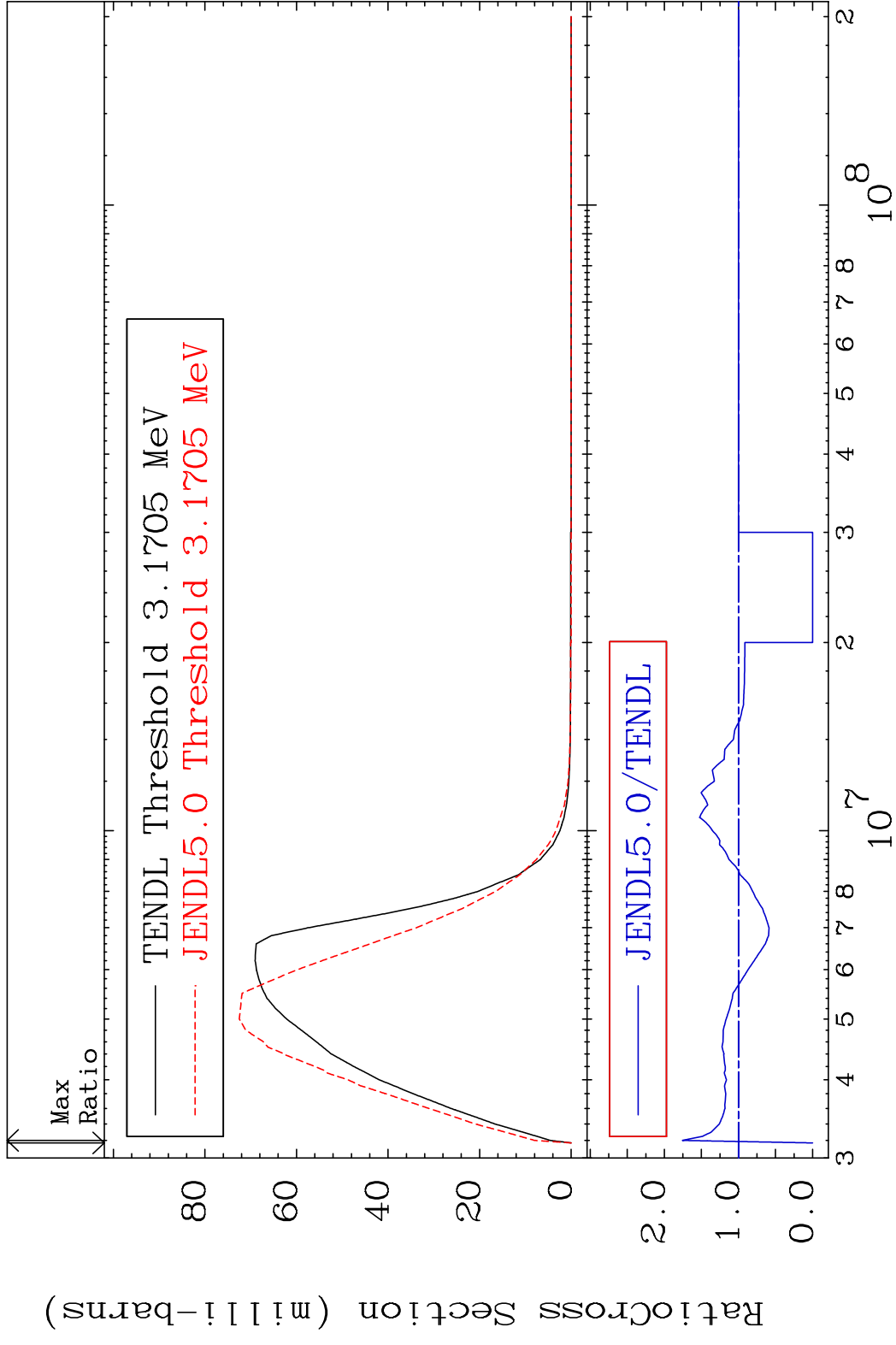


13 Incident Energy (eV) 18-Ar-42

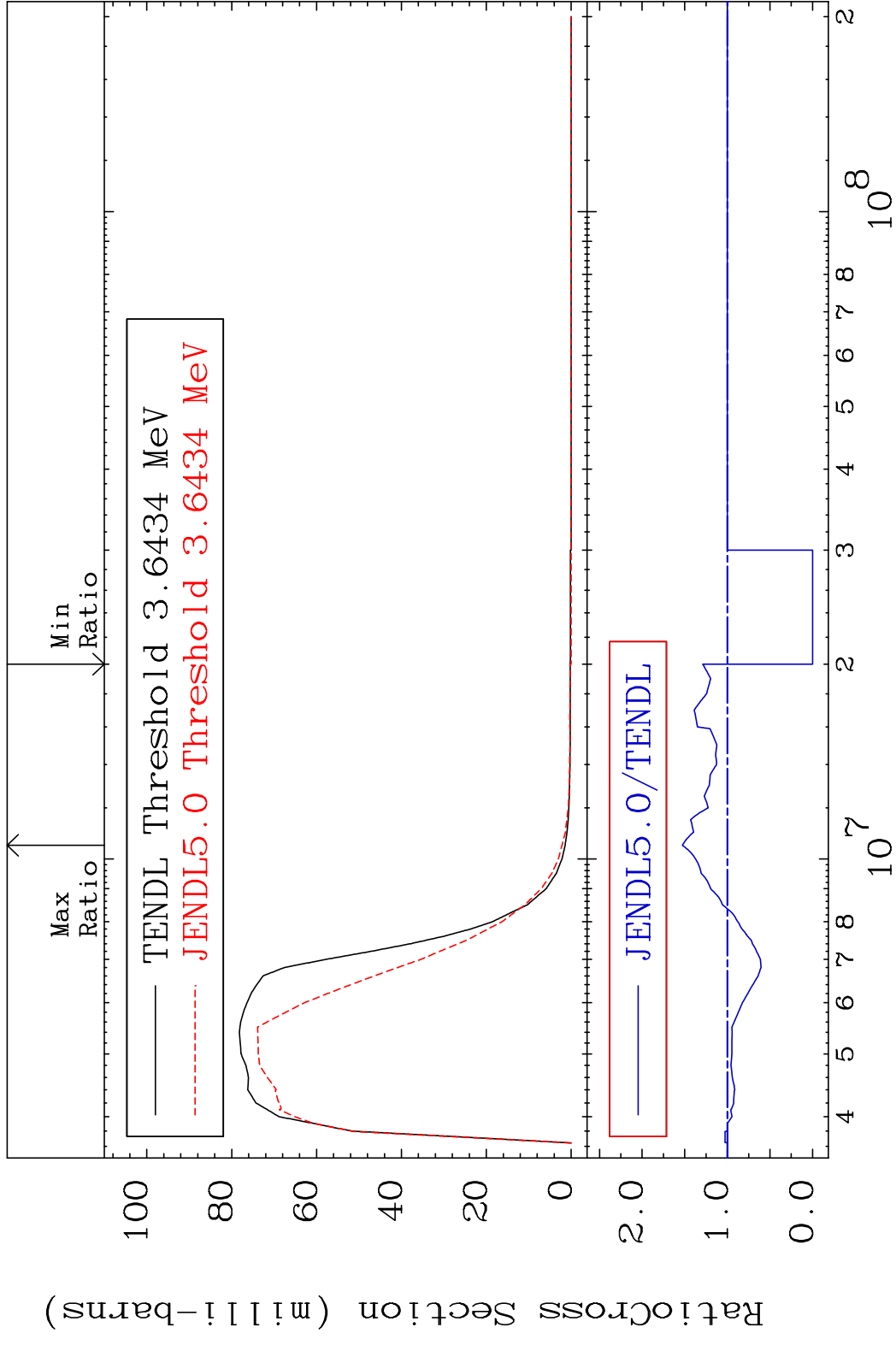
MAT 1843 MT= 55 (n, n') Level 18-Ar-42
 Cross Section -100.0 To 0.043 %



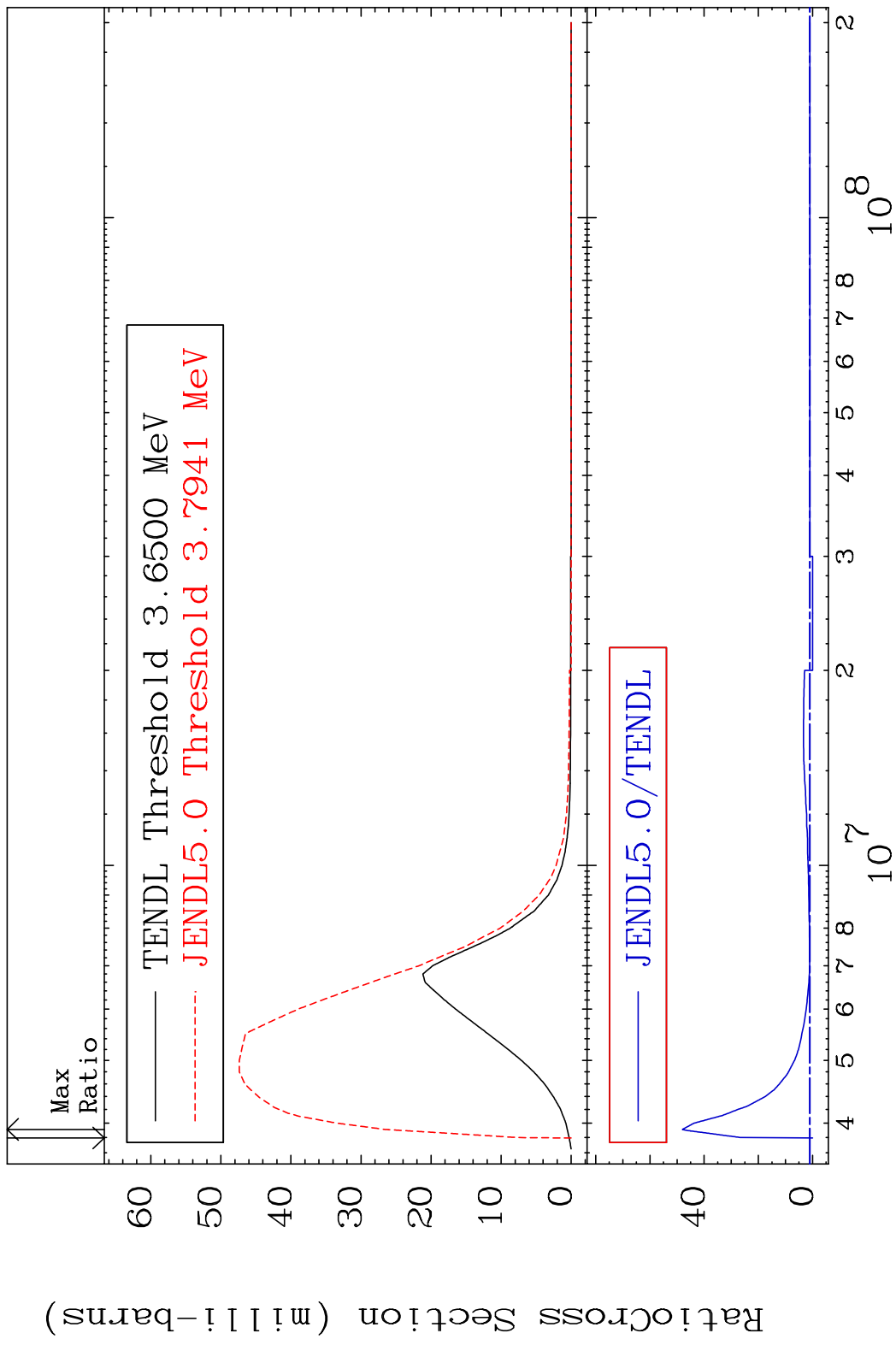
MAT 1843 MT= 56 (n,n') Level 18-Ar-42
 Cross Section -100.0 To 75.70 %



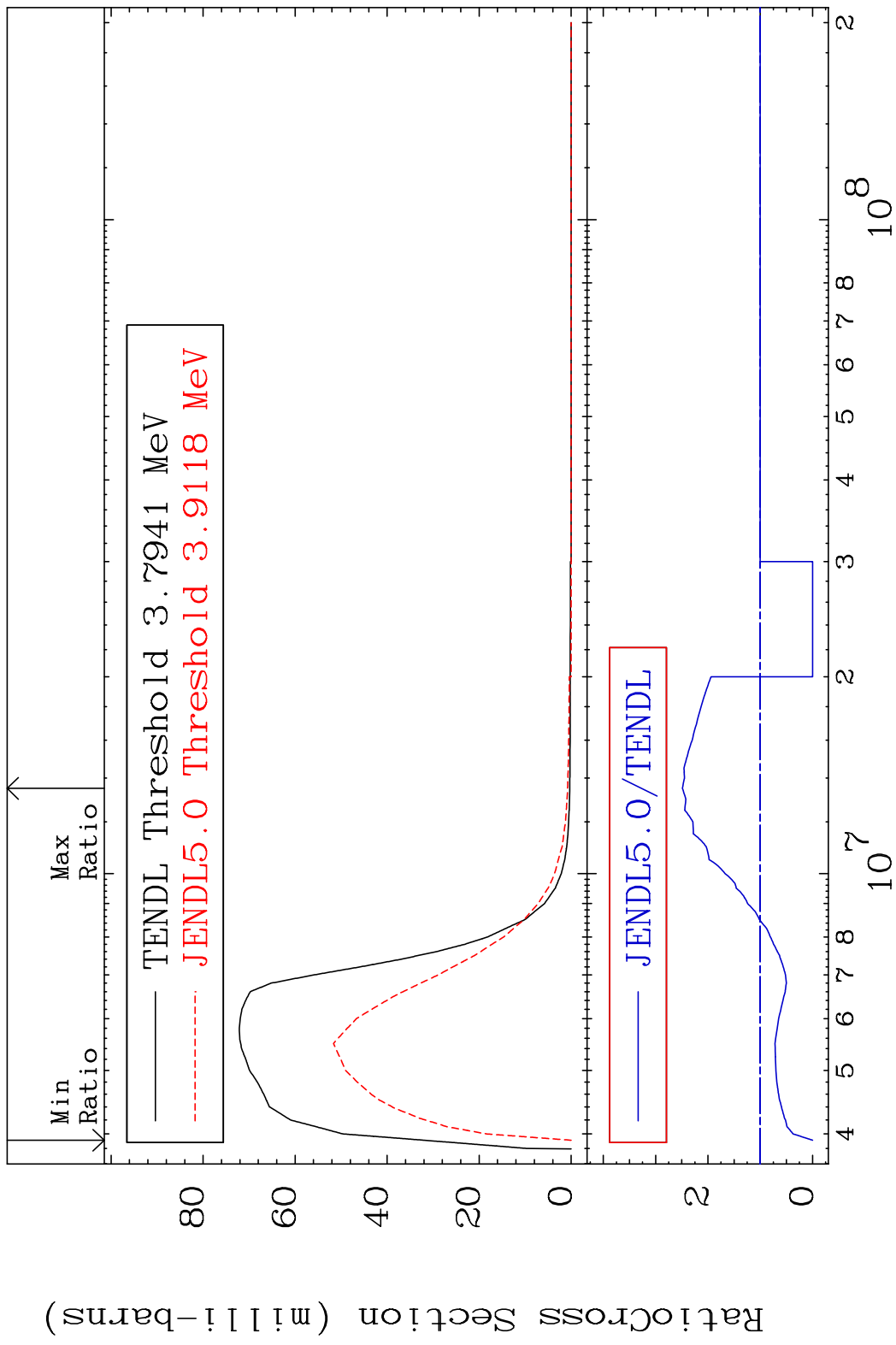
MAT 1843 MT= 57 (n, n') Level 18-Ar-42
 Cross Section -100.0 To 52.80 %



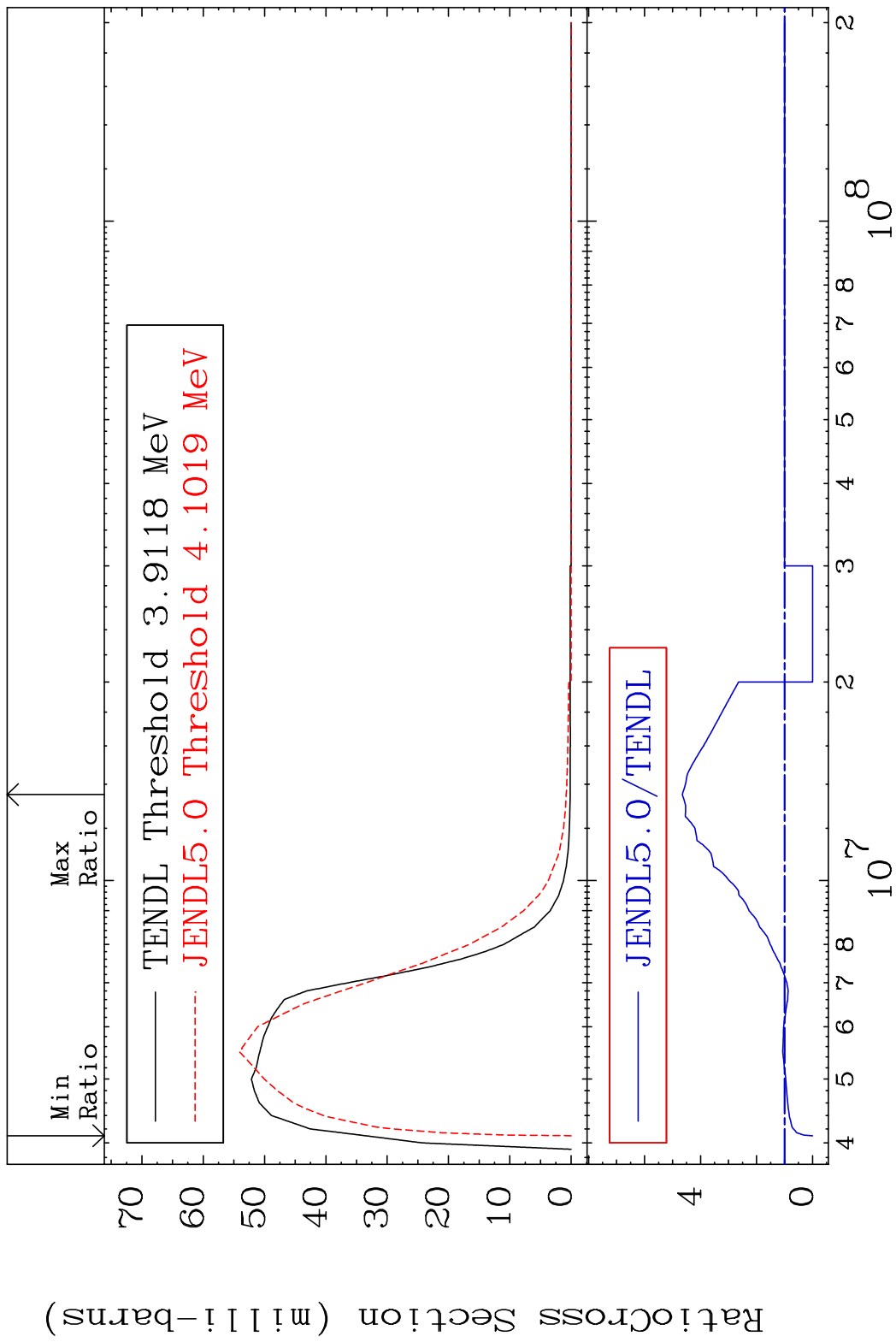
MAT 1843 MT= 58 (n,n') Level 18-Ar-42
 Cross Section -100.0 To 4704. %



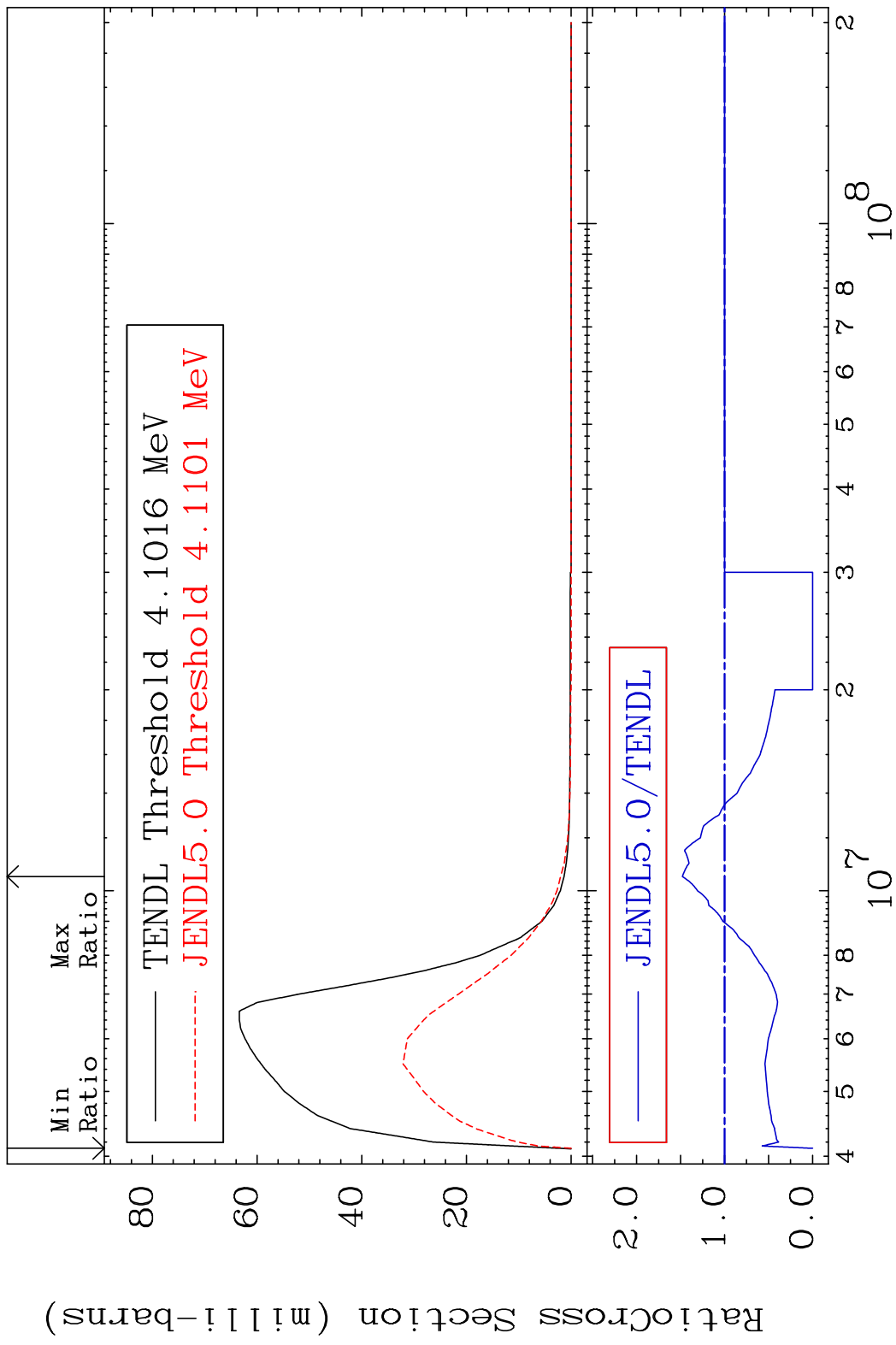
MAT 1843 MT= 59 (n, n') Level 18-Ar-42
 Cross Section -100.0 To 148.9 %



MAT 1843 MT= 60 (n, n') Level 18-Ar-42
 Cross Section -100.0 To 365.0 %

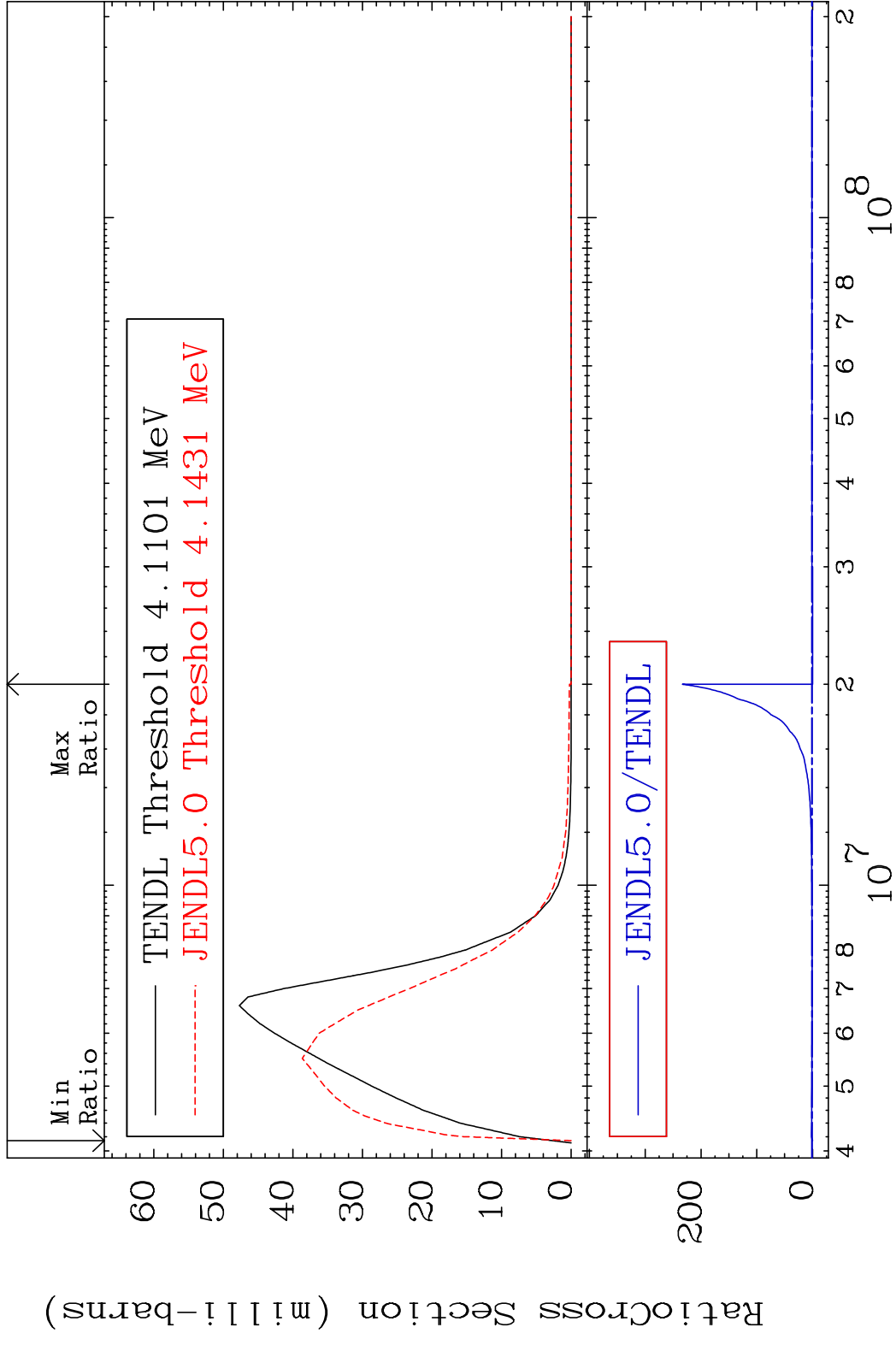


MAT 1843 MT= 61 (n, n') Level 18-Ar-42
 Cross Section -100.0 To 48.00 %

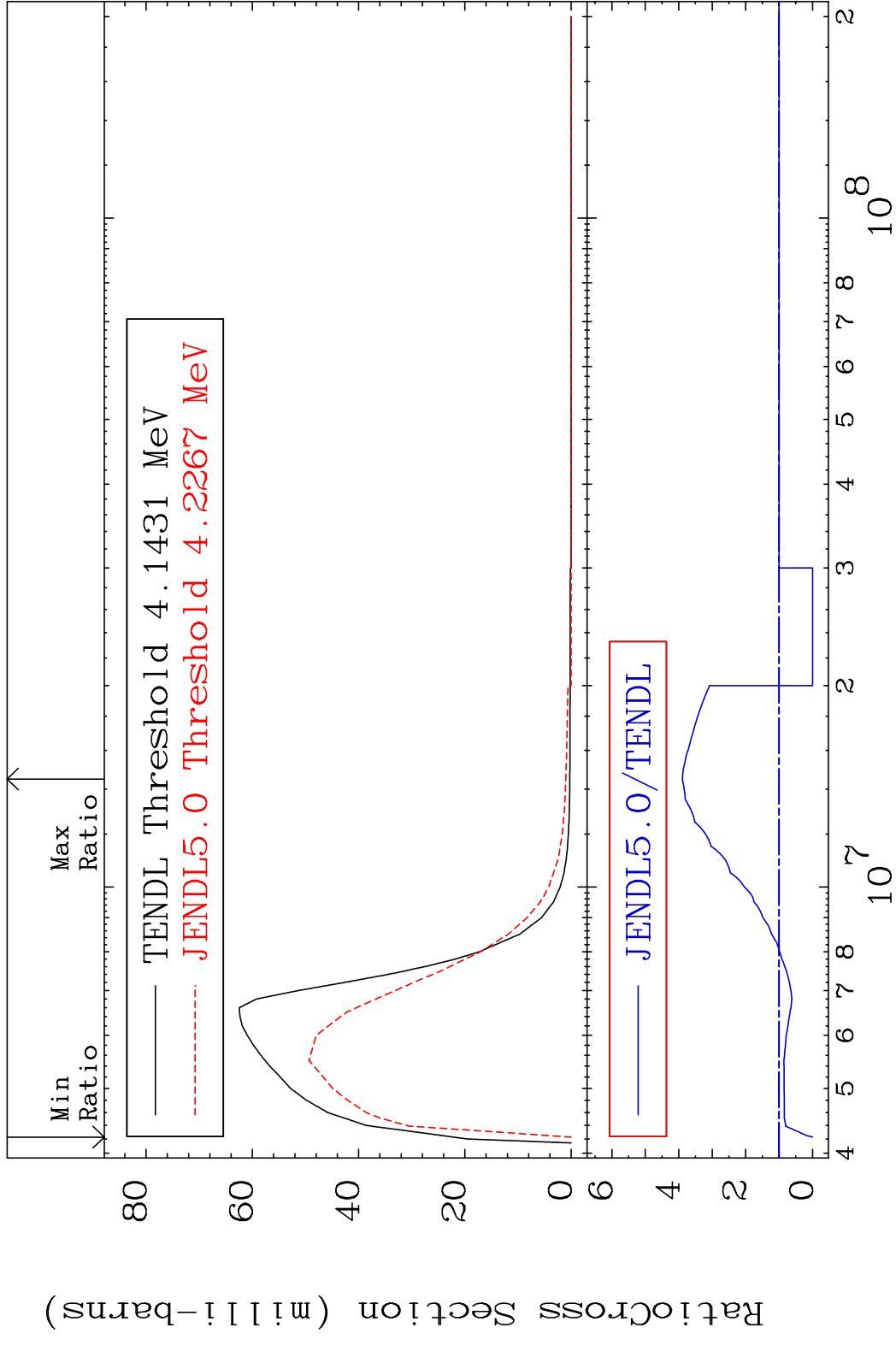


20 18-Ar-42

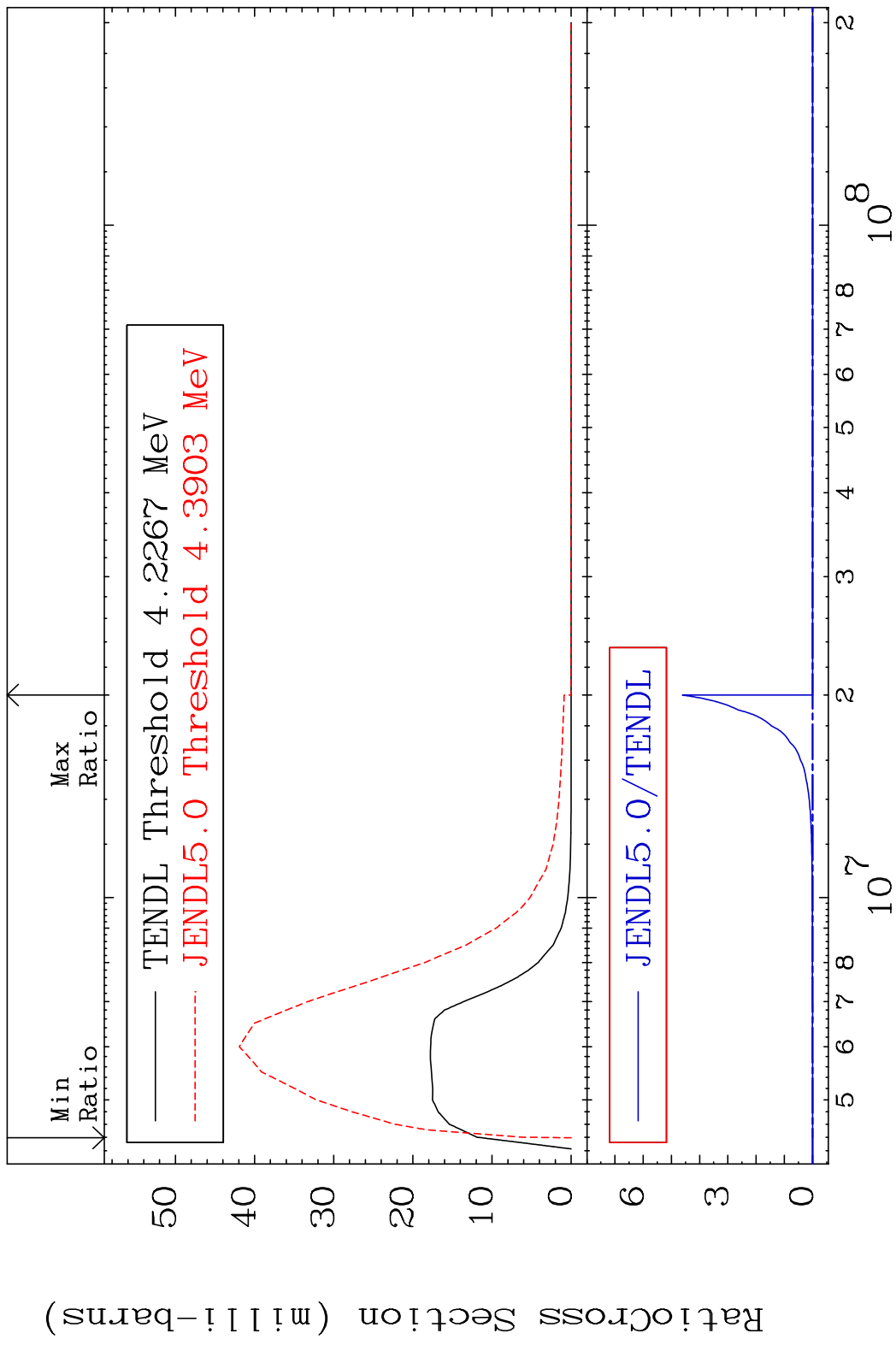
MAT 1843 MT= 62 (n, n') Level 18-Ar-42
 Cross Section -100.0 To 9999. %



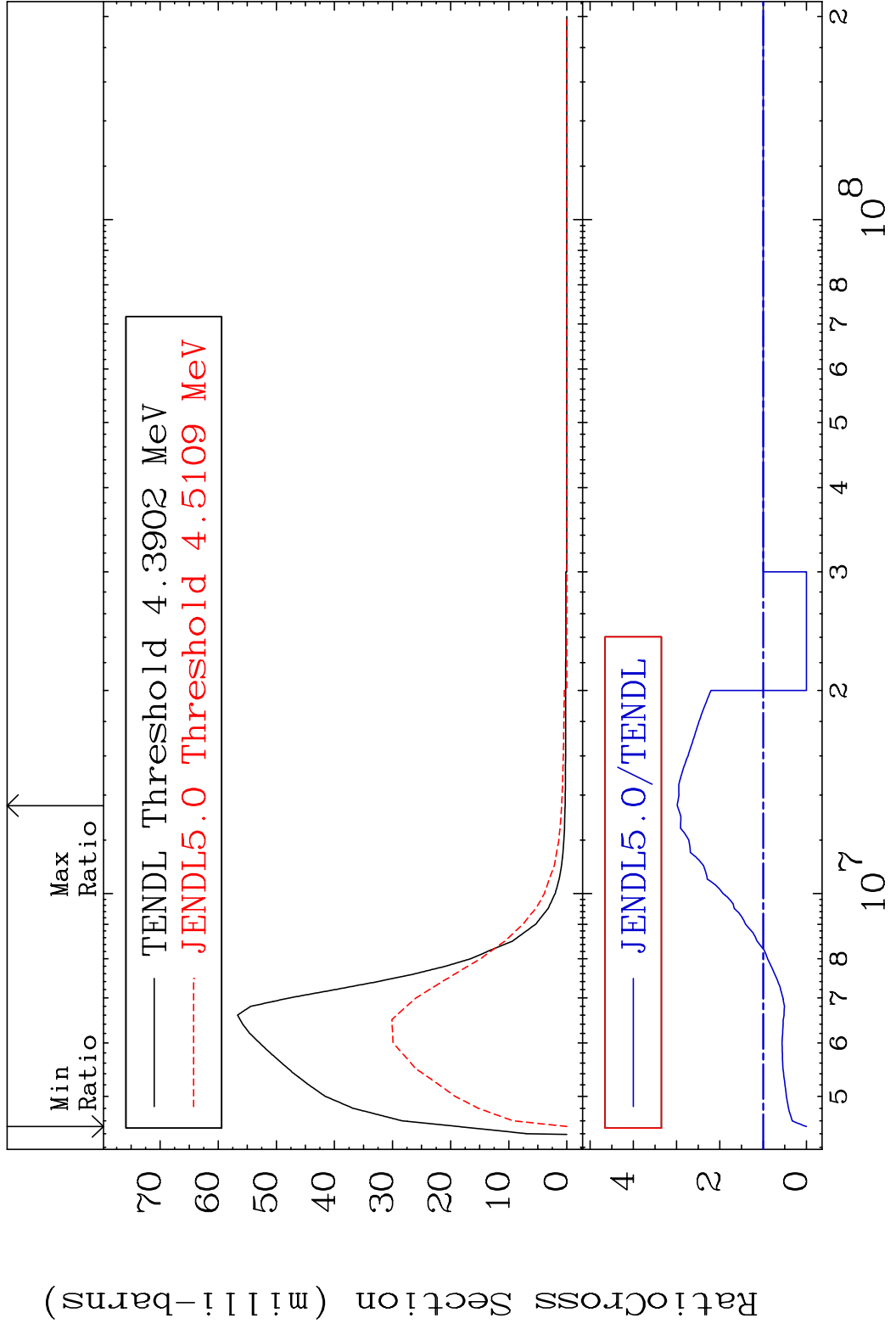
MAT 1843 MT= 63 (n, n') Level 18-Ar-42
 Cross Section -100.0 To 289.3 %



MAT 1843 MT= 64 (n, n') Level 18-Ar-42
 Cross Section -100.0 To 9999. %



MAT 1843 MT= 65 (n, n') Level 18-Ar-42
 Cross Section -100.0 To 198.7 %

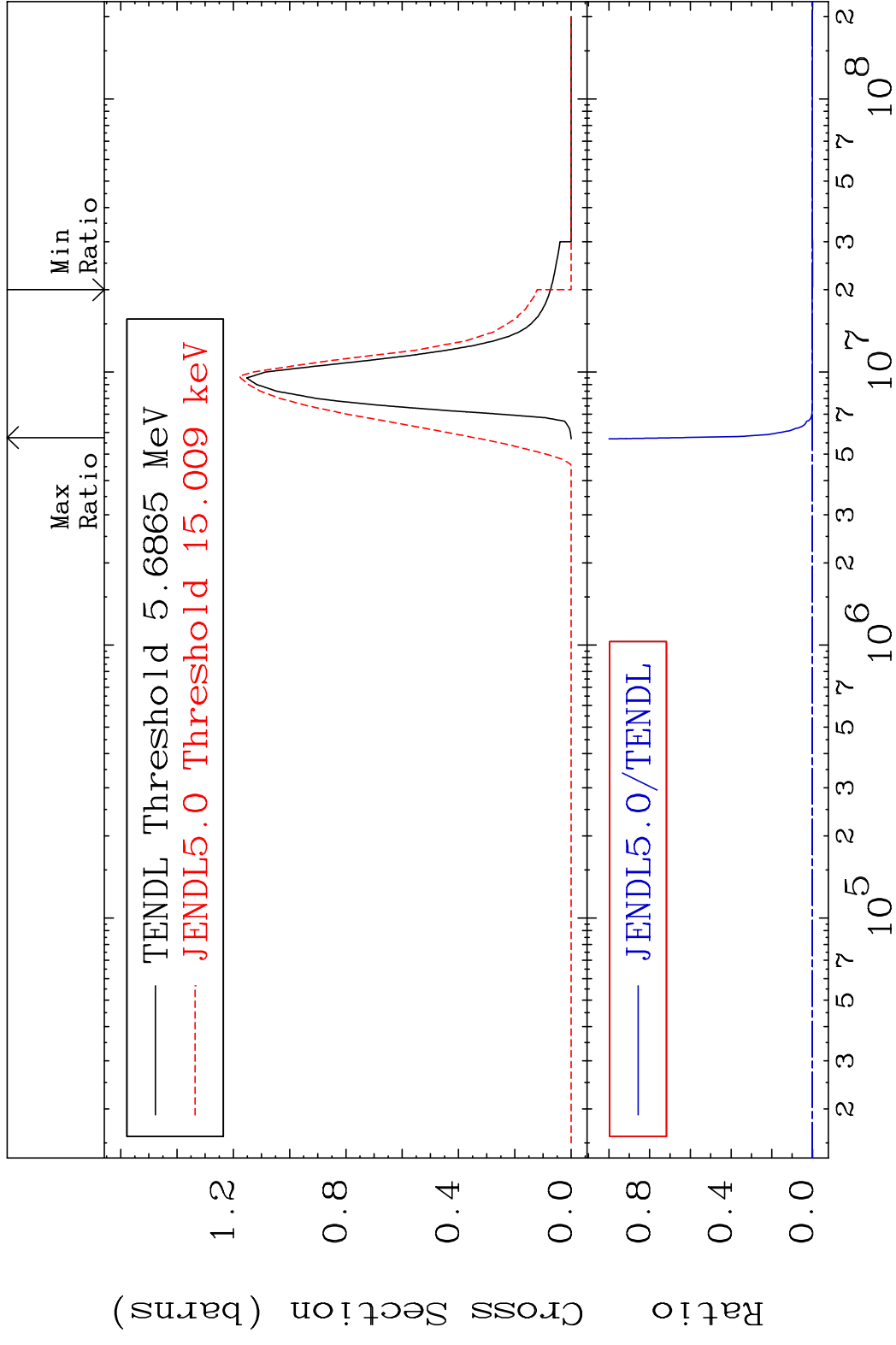


MAT 1843

(n,n') Continuum

18-Ar-42

Cross Section -100.0 To 9999. %

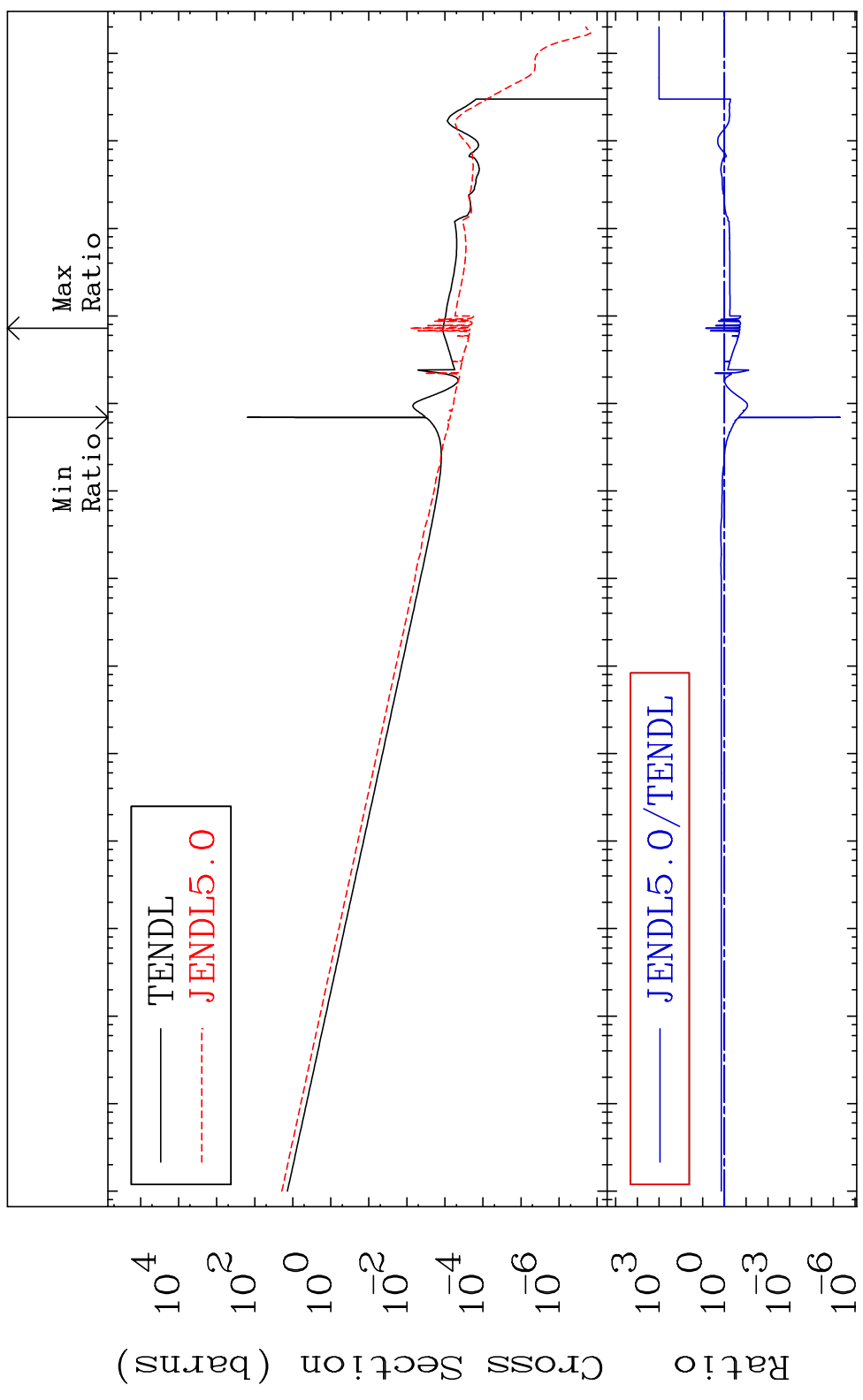


MAT 1843

(n, γ)

18-Ar-42

Cross Section -100.0 To 623.3 %



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Incident Energy (eV)

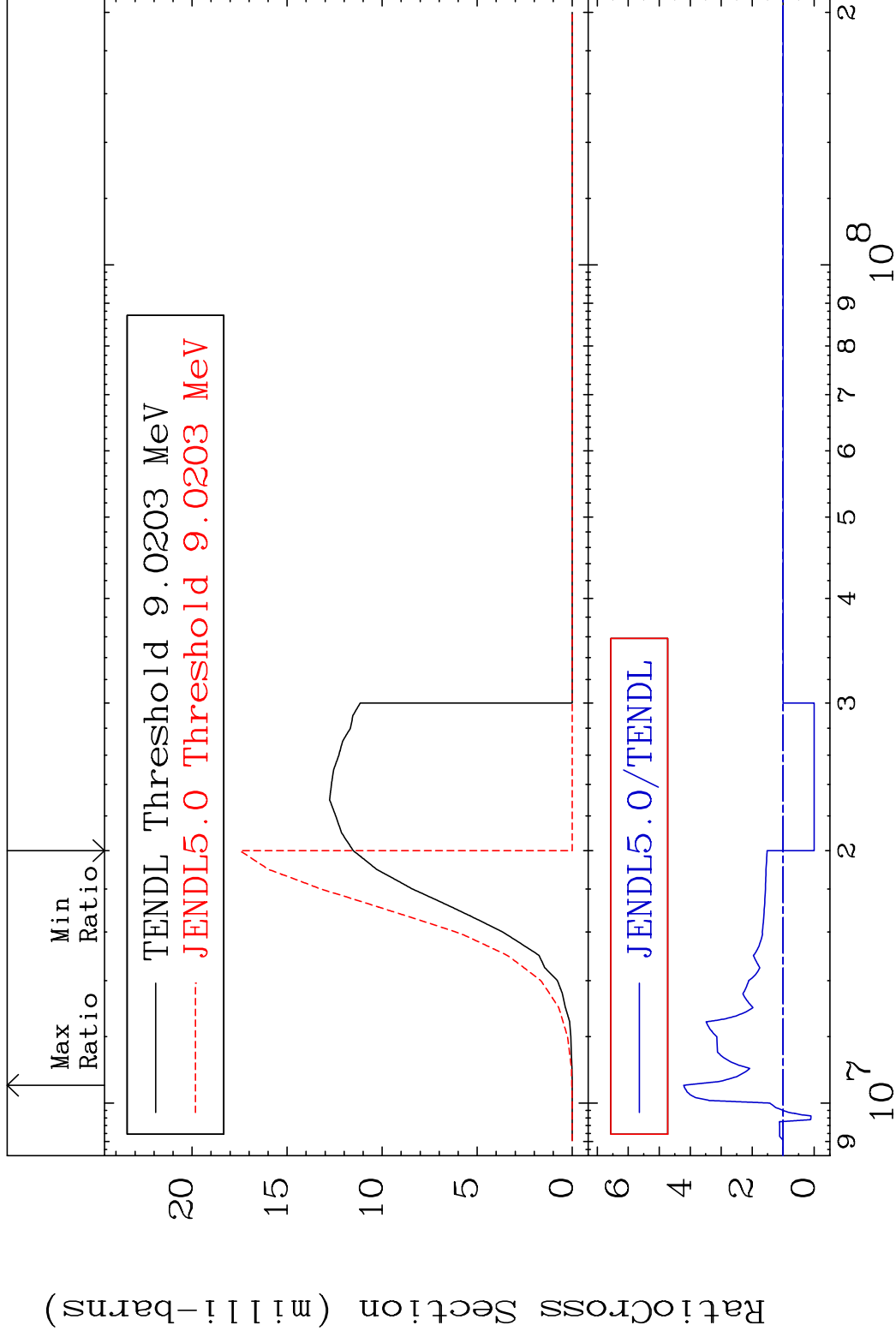
18-Ar-42

MAT 1843

(n,p)

18-Ar-42

Cross Section -100.0 To 321.2 %

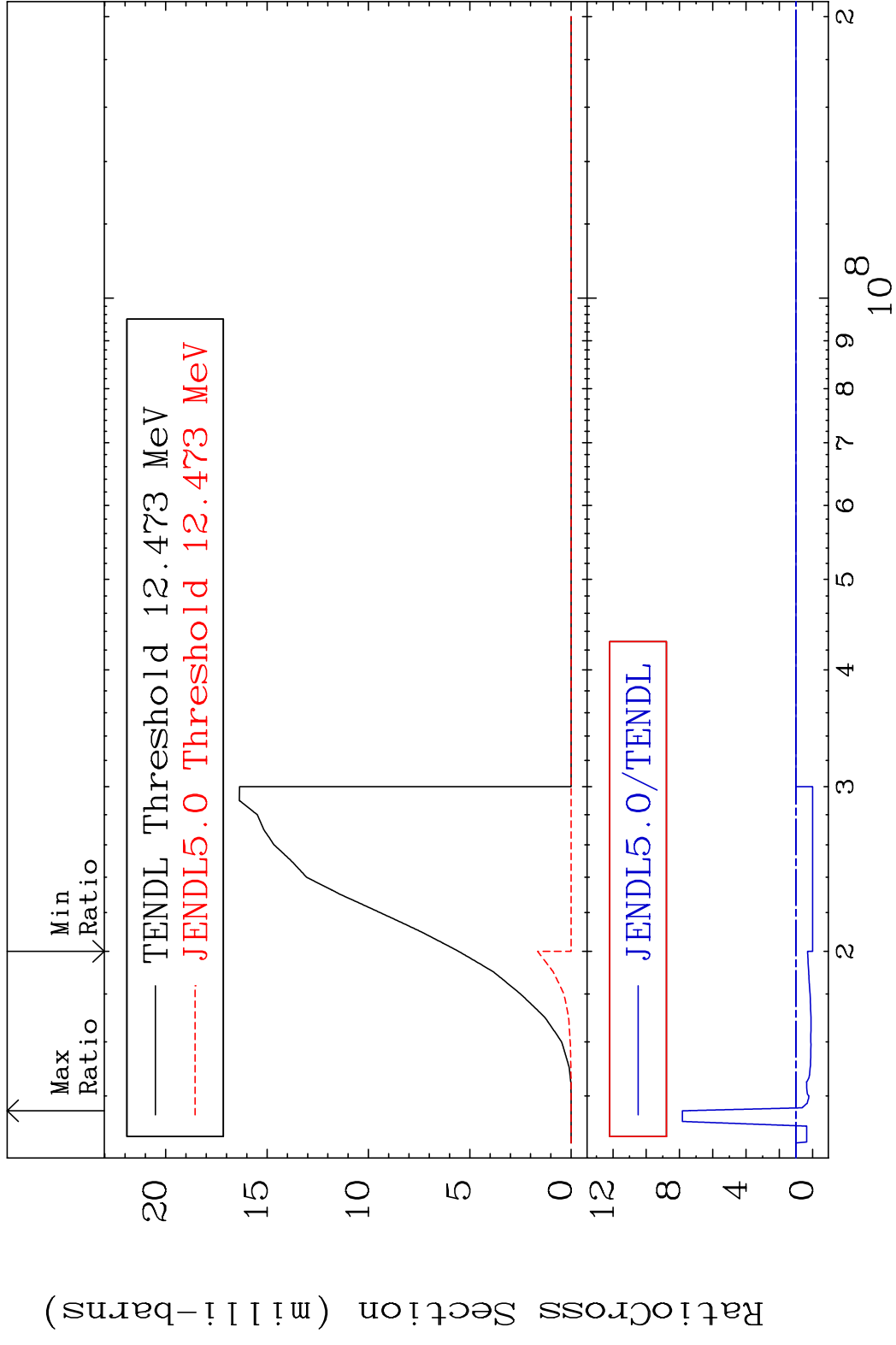


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Incident Energy (eV)

18-Ar-42

MAT 1843 (n,d) 18-Ar-42
 Cross Section -100.0 To 682.8 %

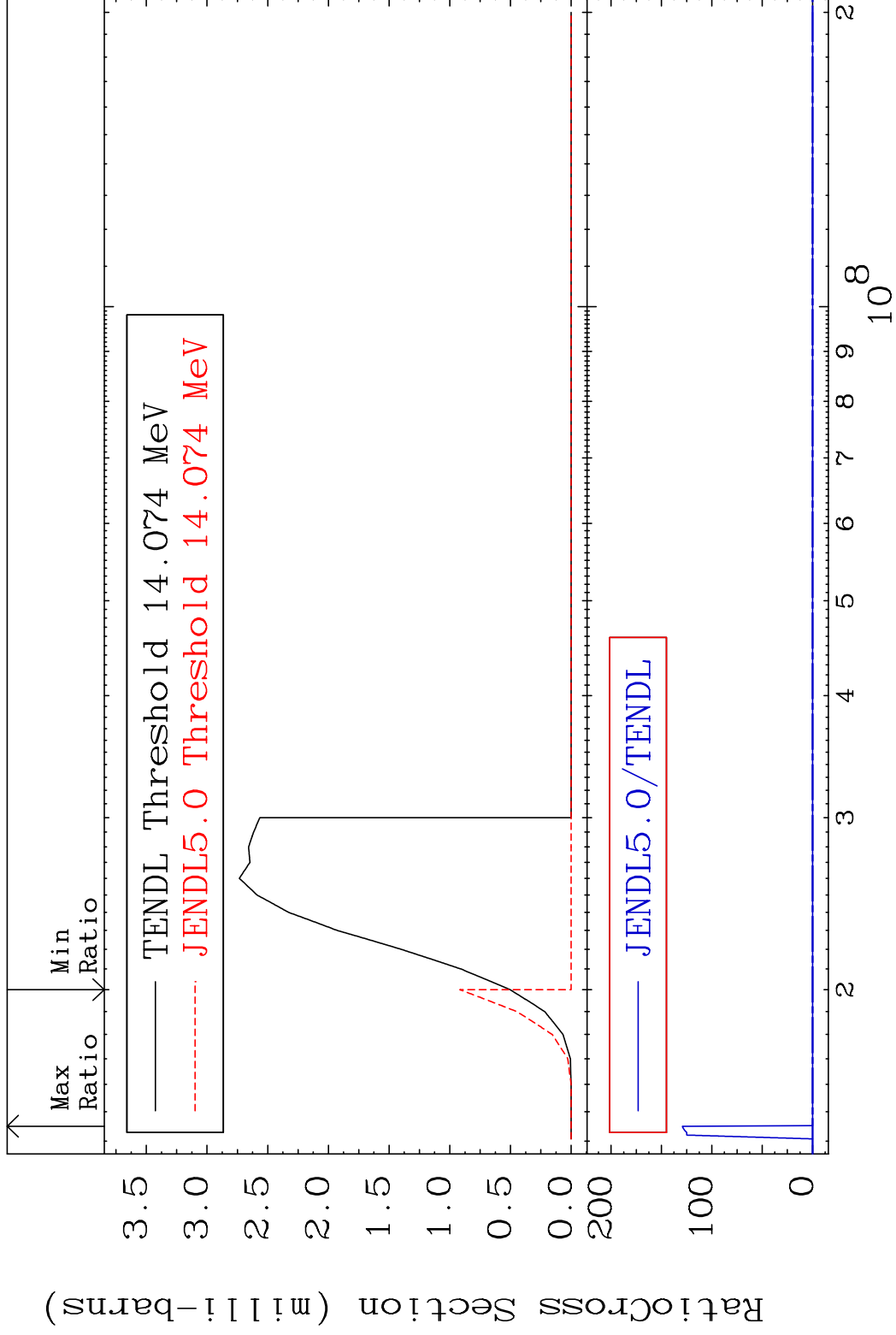


MAT 1843

(n, t)

18-Ar-42

Cross Section -100.0 To 9999. %

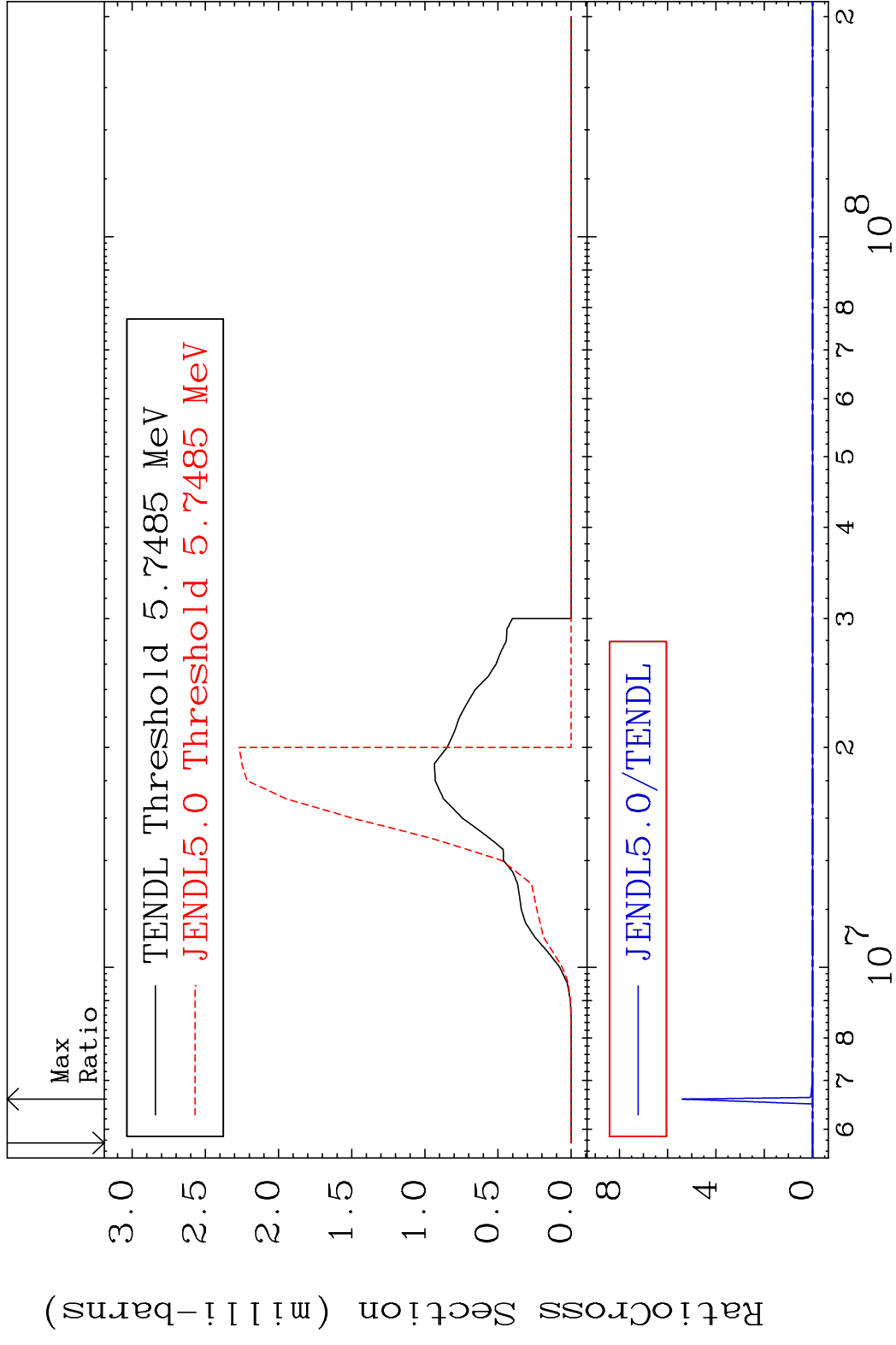


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Incident Energy (eV)

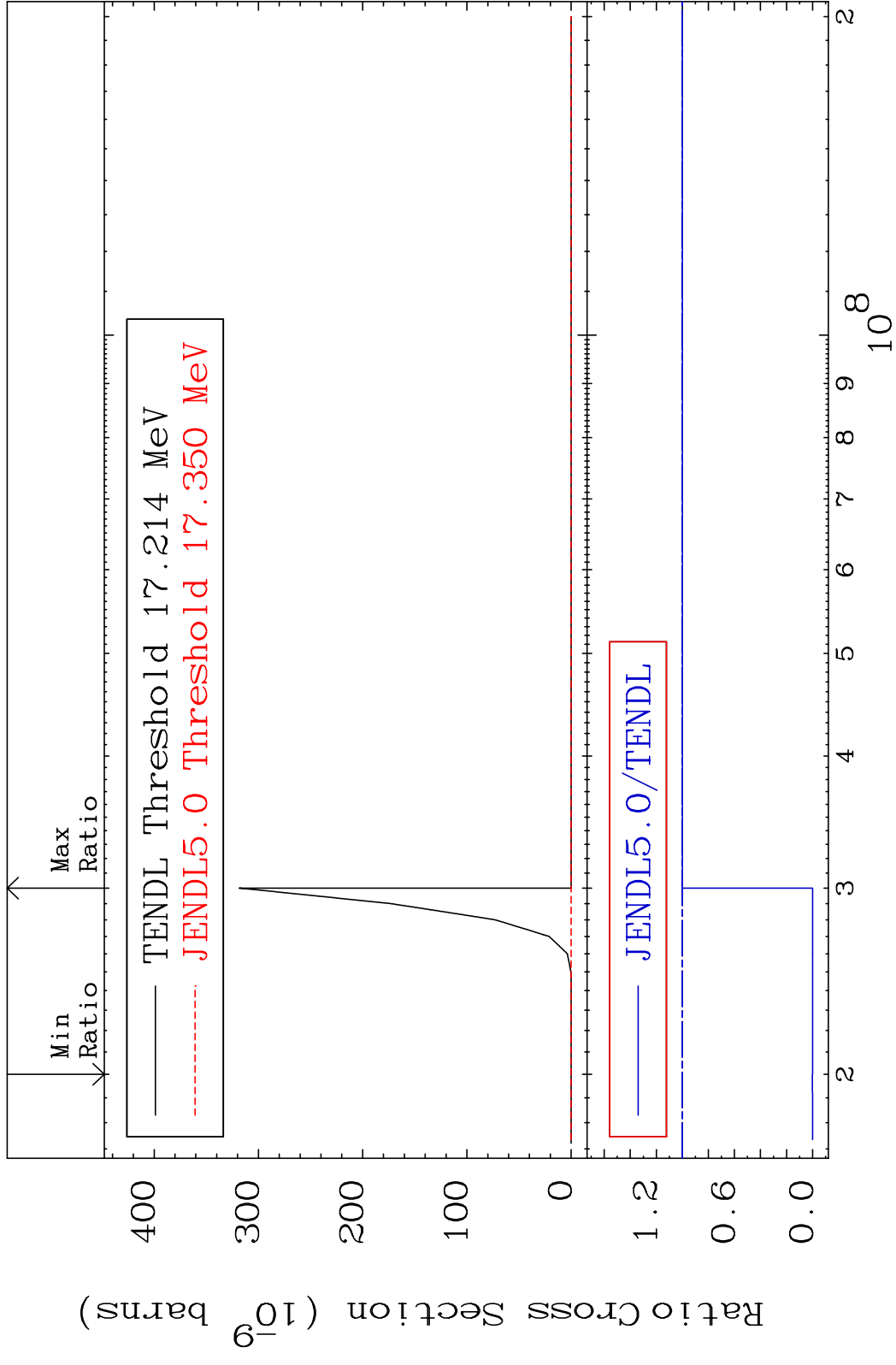
18-Ar-42

MAT 1843 (n, α) 18-Ar-42
 Cross Section -100.0 To 9999. %

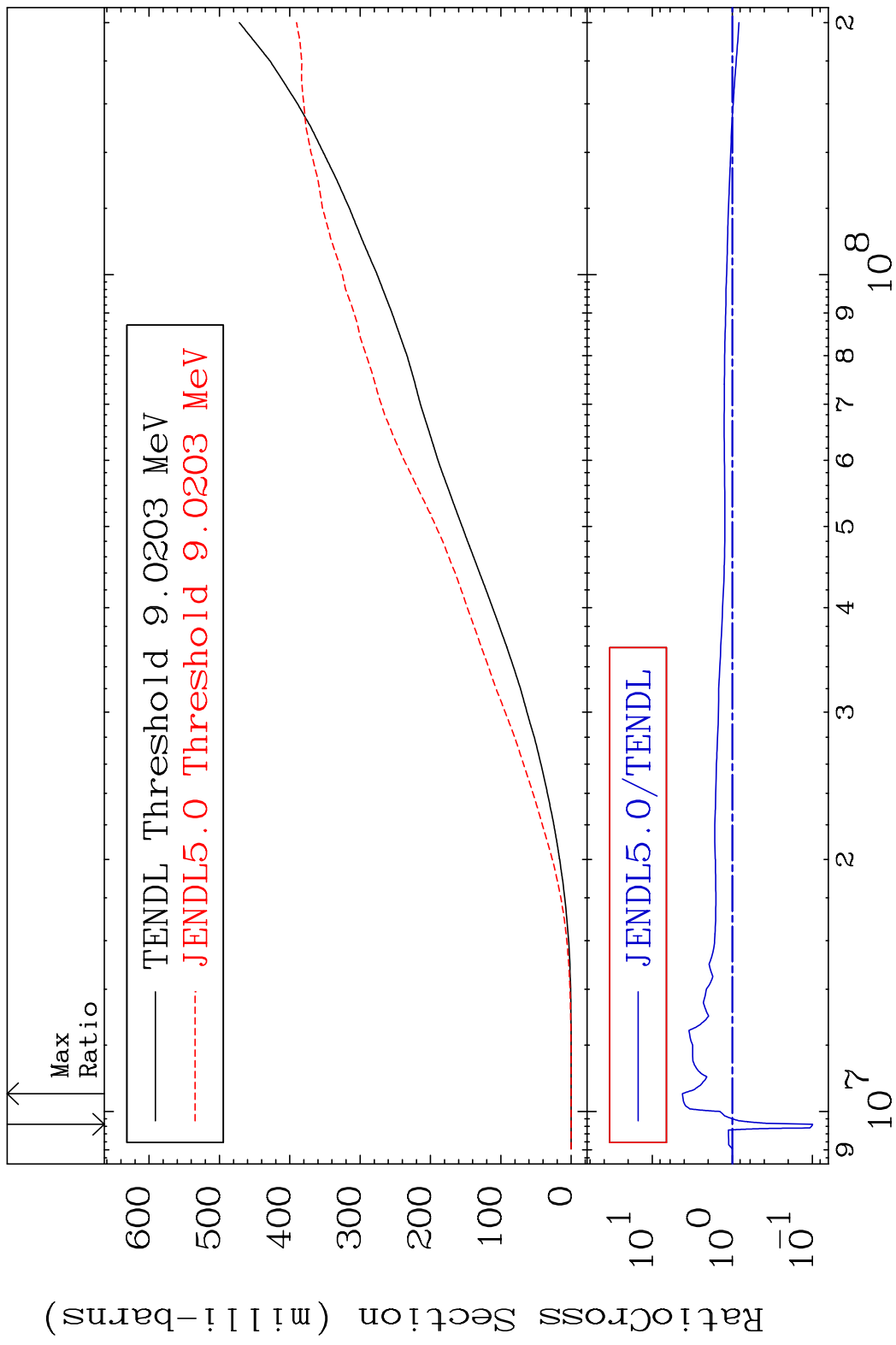


30 Incident Energy (eV) 18-Ar-42

MAT 1843 (n,2α) 18-Ar-42
 Cross Section -100.0 To 0.000 %



MAT 1843 Hydrogen Production 18-Ar-42
Cross Section -90.05 To 321.2 %

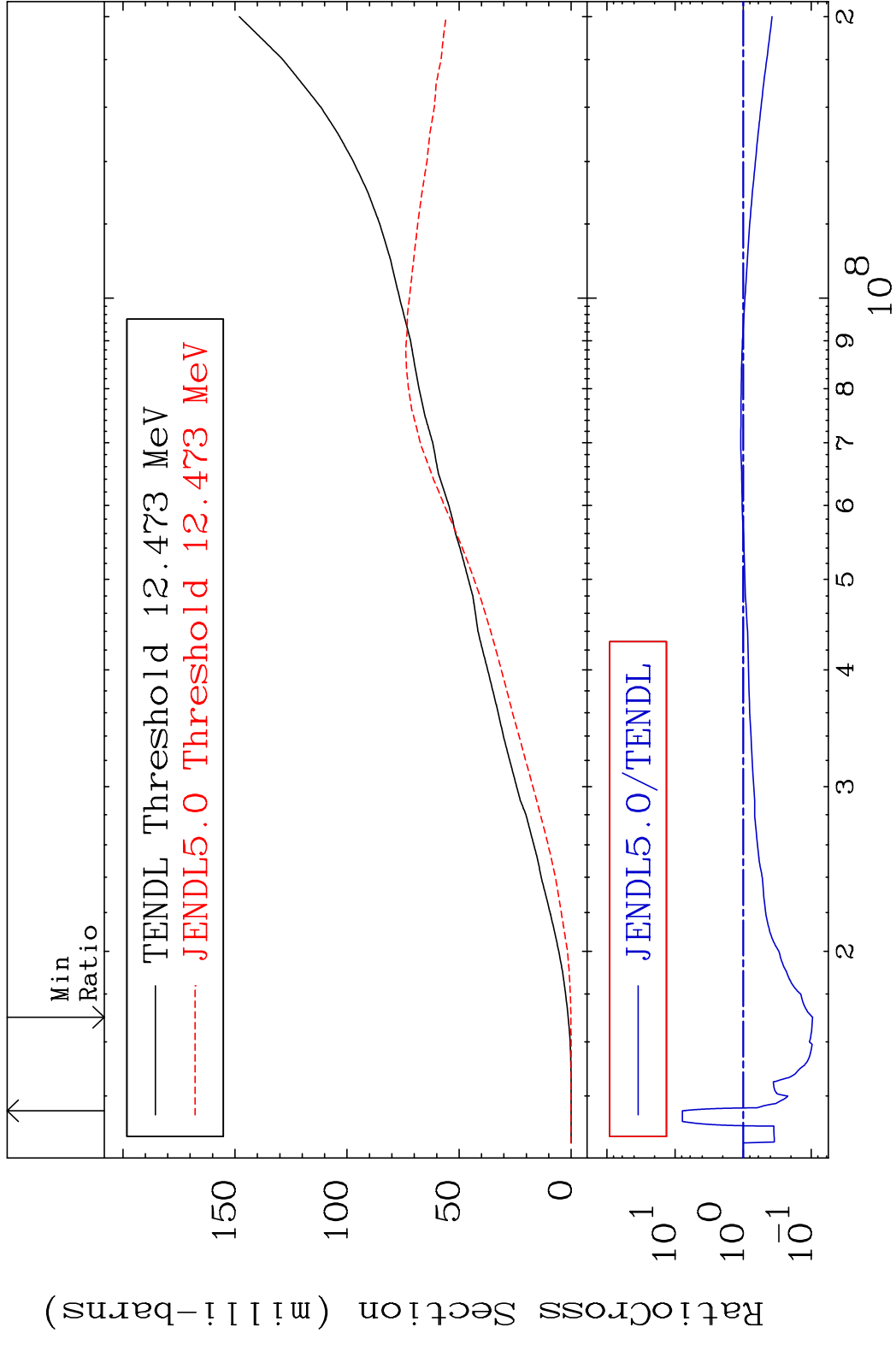


MAT 1843

Deuterium Production

18-Ar-42

Cross Section -90.40 To 682.8 %

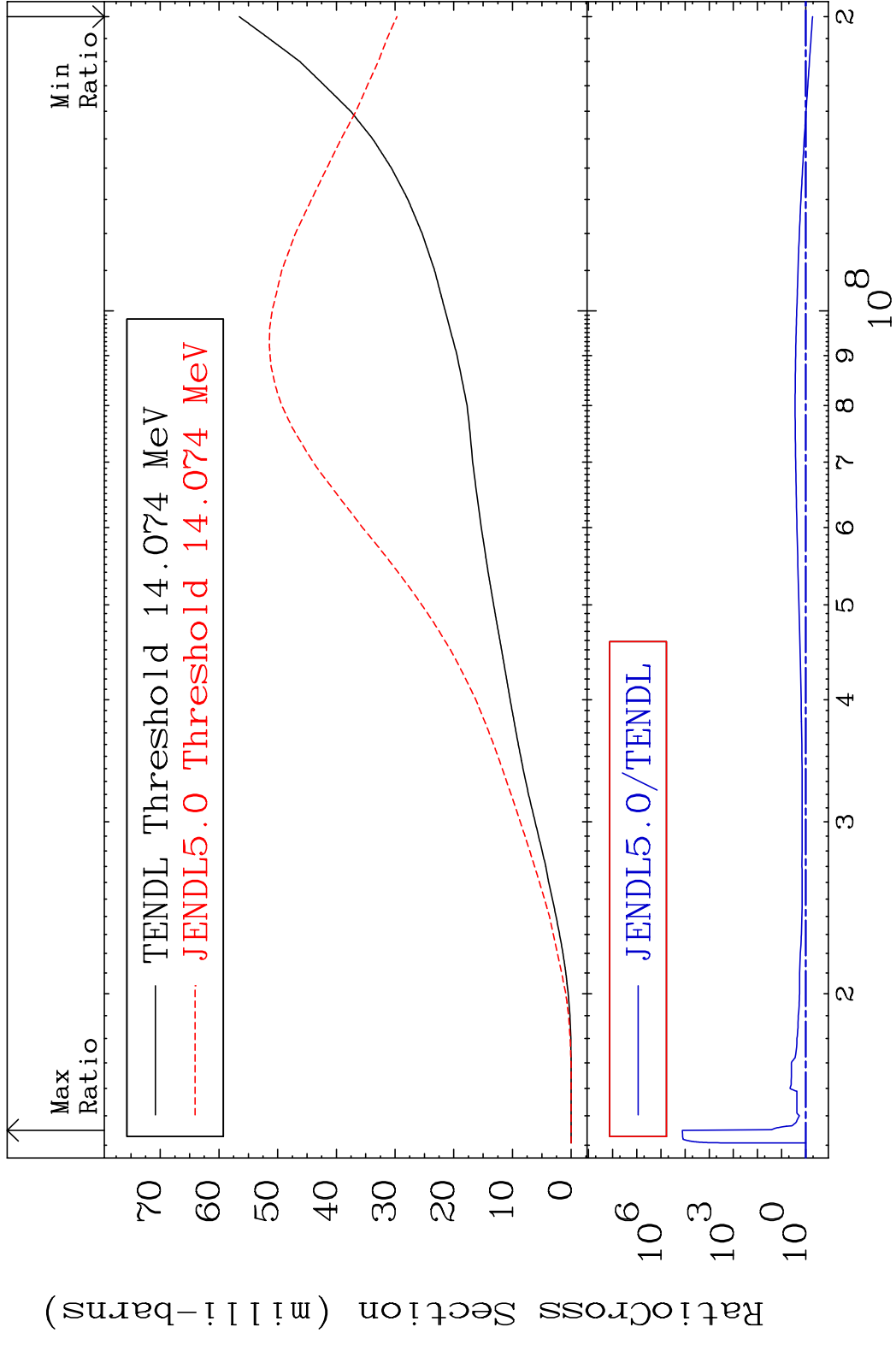


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Incident Energy (eV)

18-Ar-42

MAT 1843 Tritium Production 18-Ar-42
 Cross Section -47.48 To 9999. %

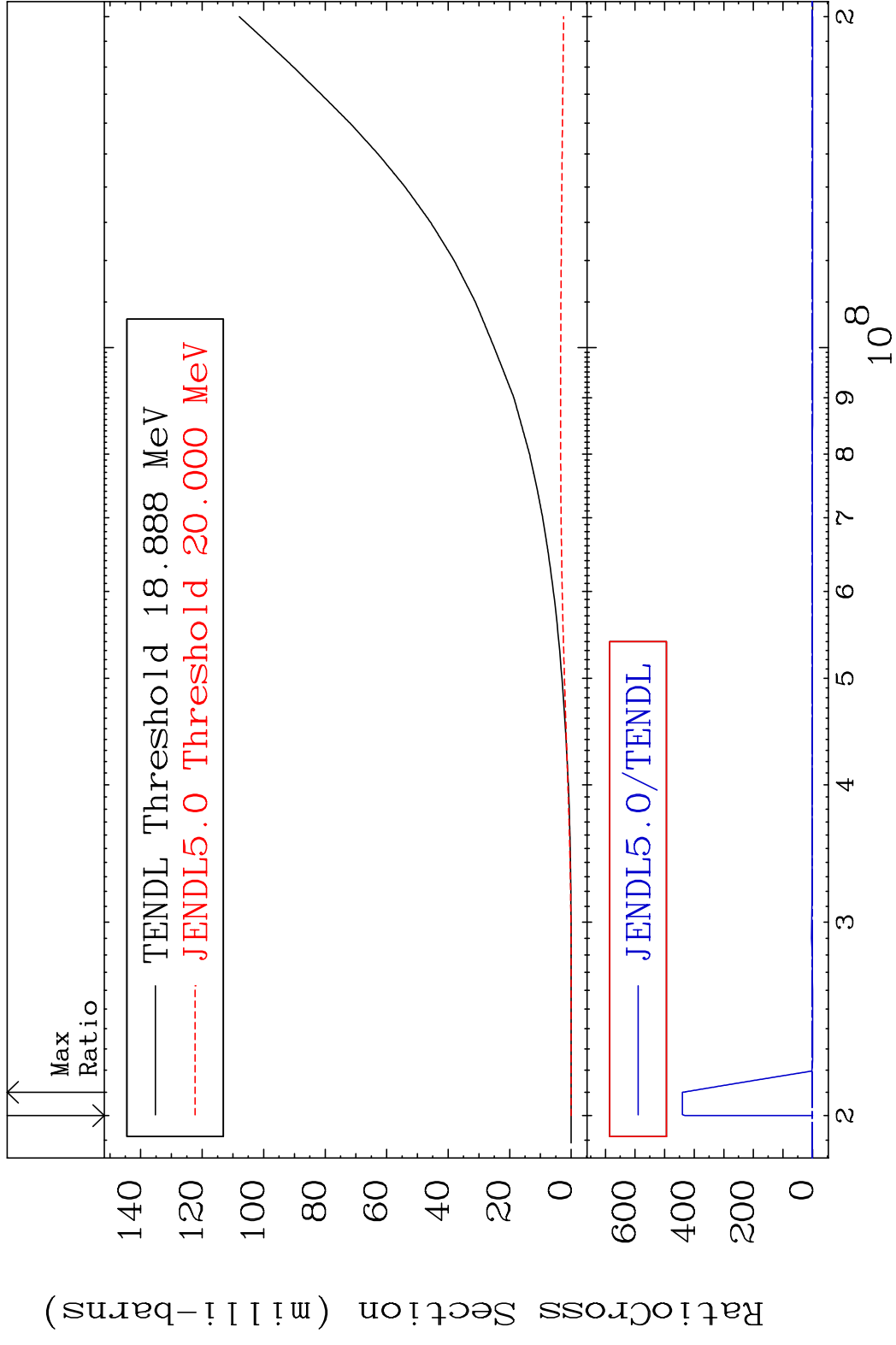


MAT 1843

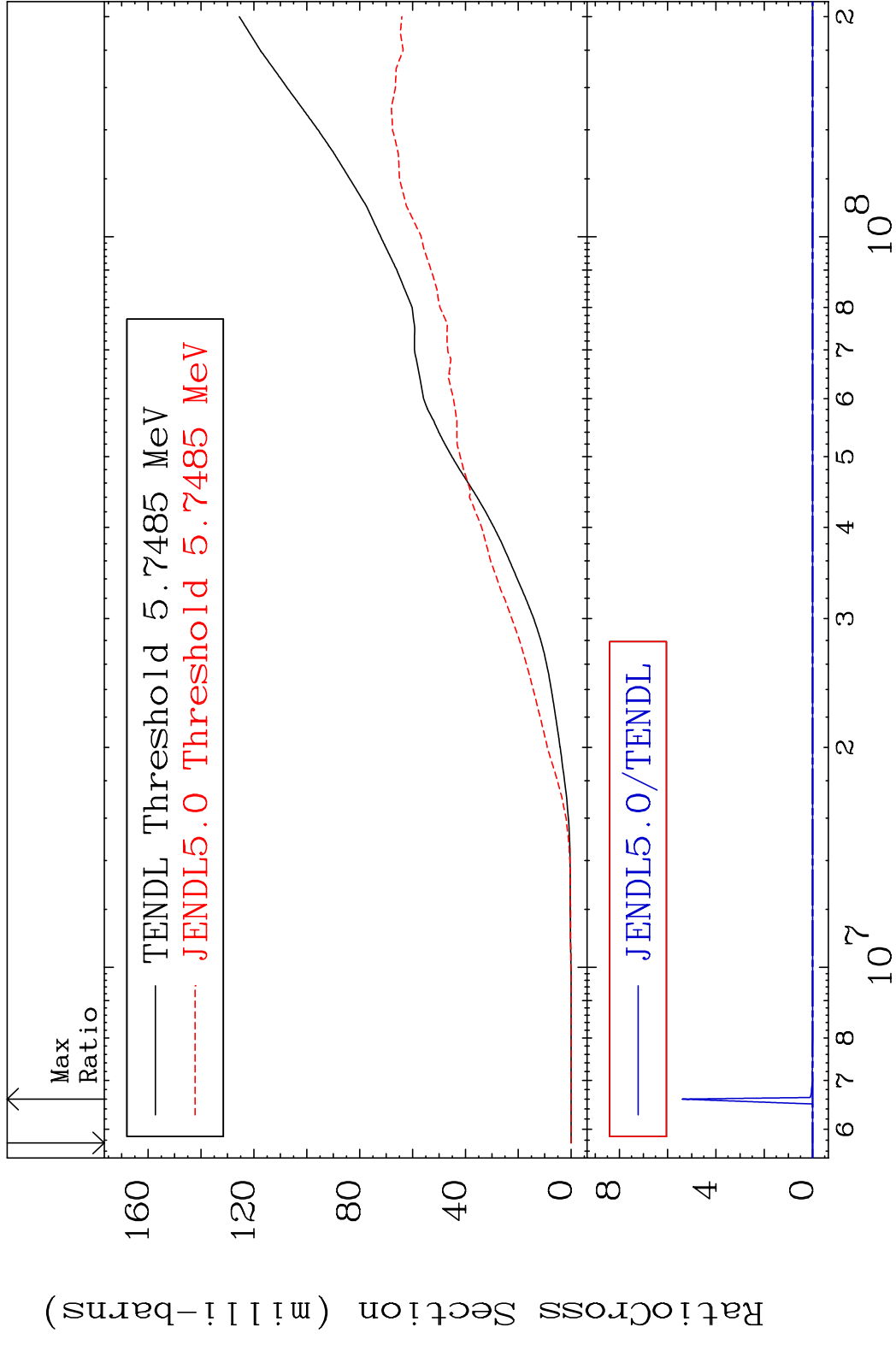
He-3 Production

18-Ar-42

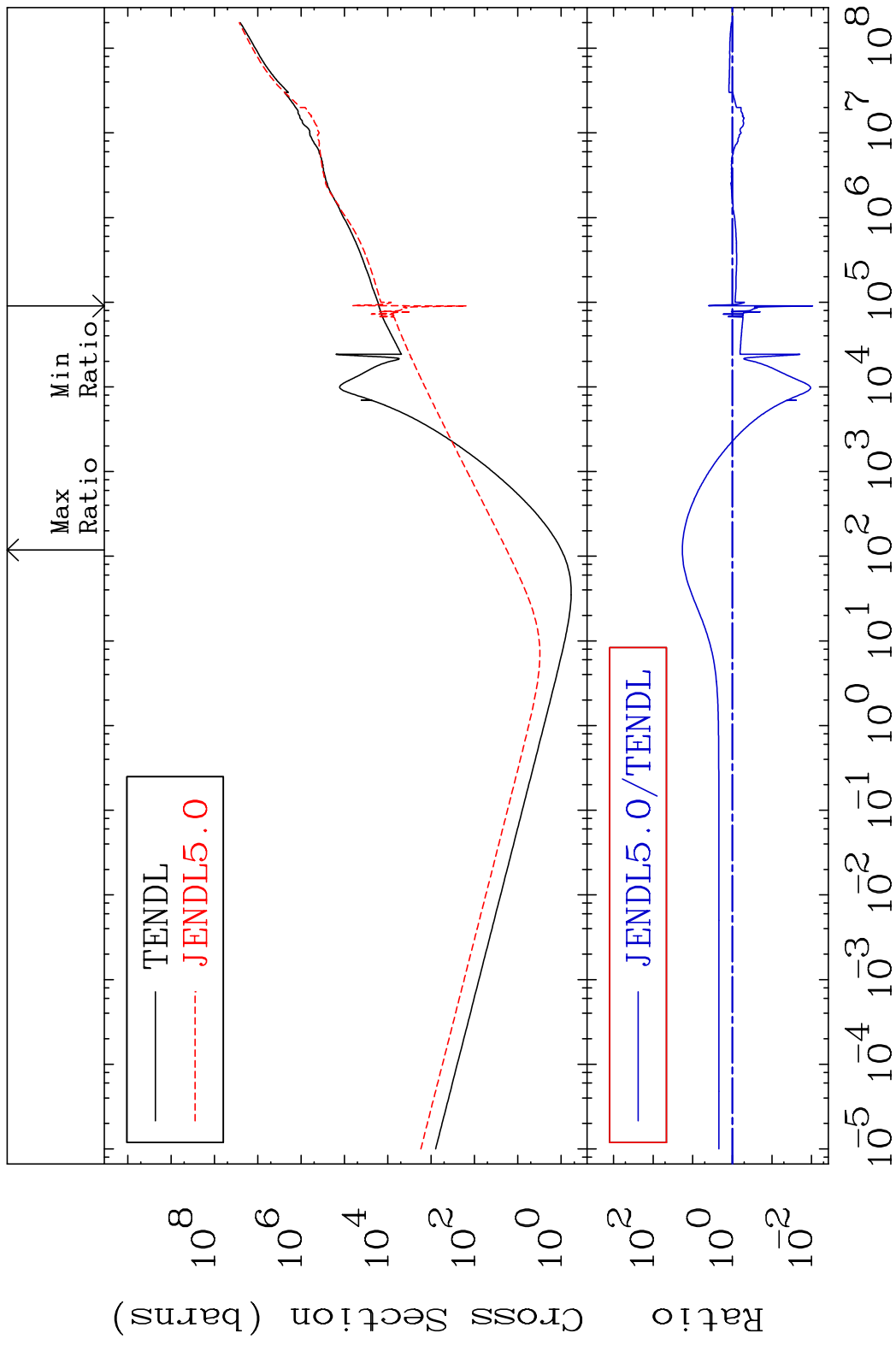
Cross Section -100.0 To 9999. %



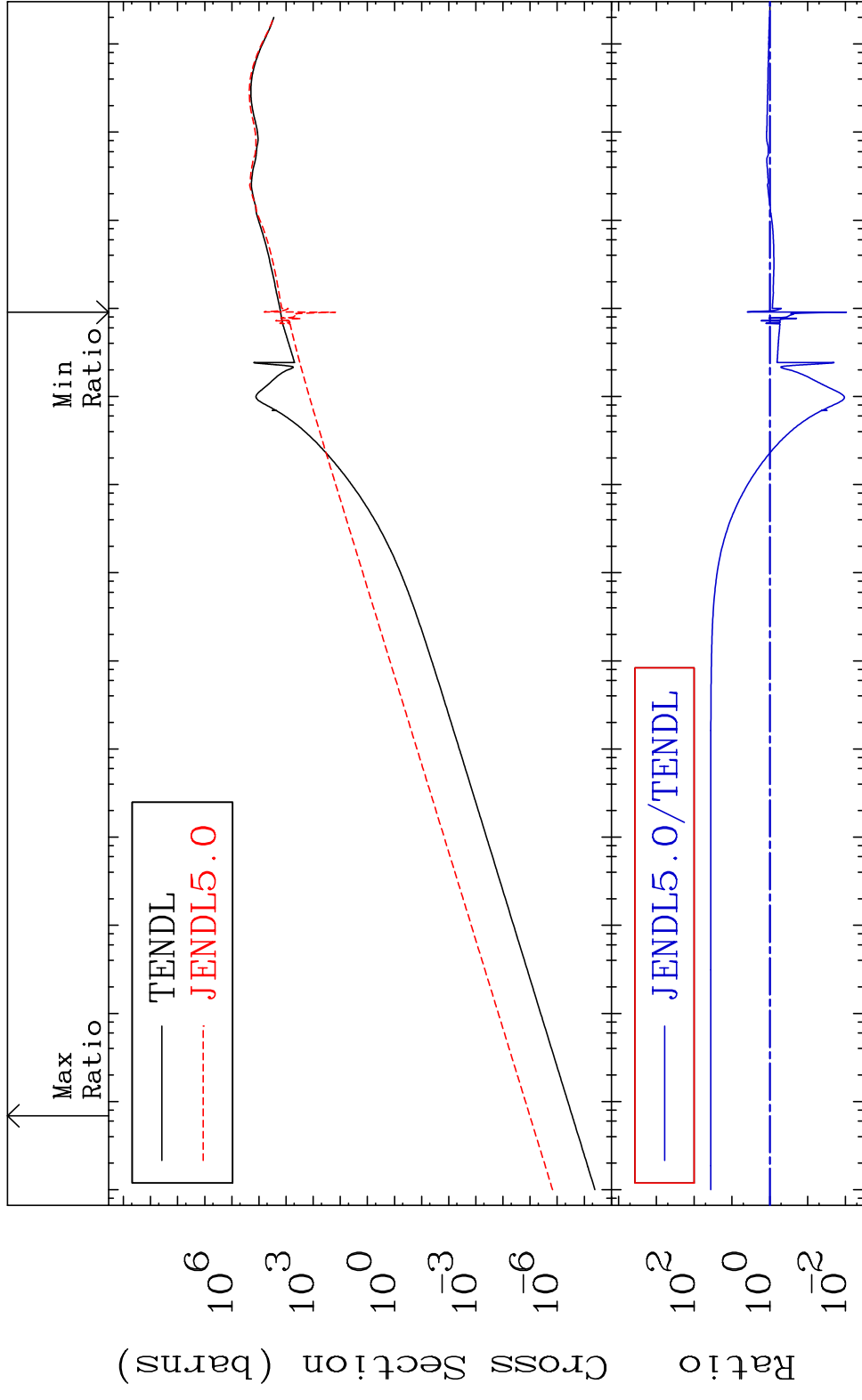
MAT 1843 He-4 Production 18-Ar-42
 Cross Section -100.0 To 9999. %



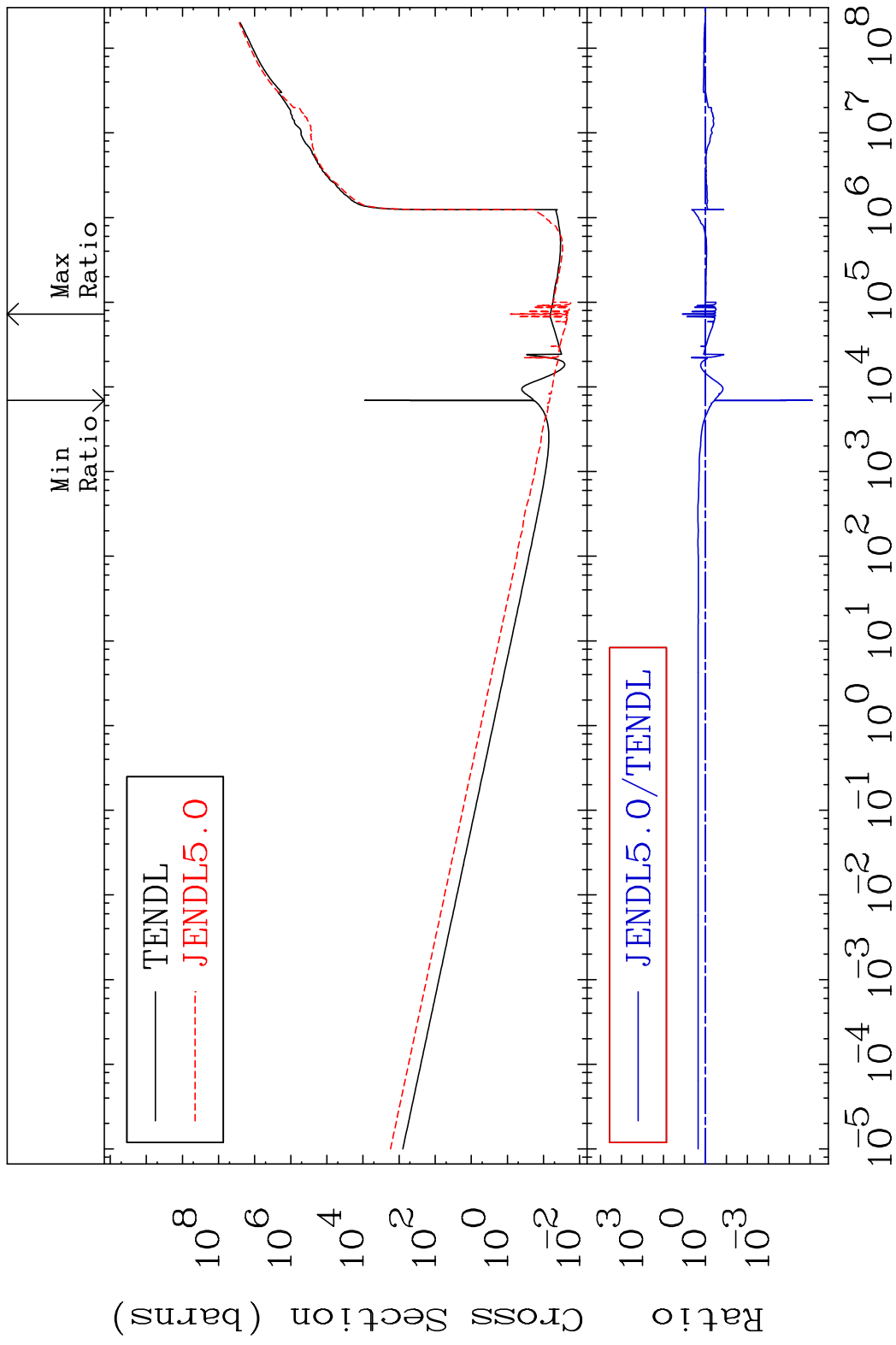
MAT 1843 Kerma total (eV-barns) 18-Ar-42
 Cross Section -99.06 To 1728. %



MAT 1843 Kerma elastic 18-Ar-42
 Cross Section -99.06 To 3555. %

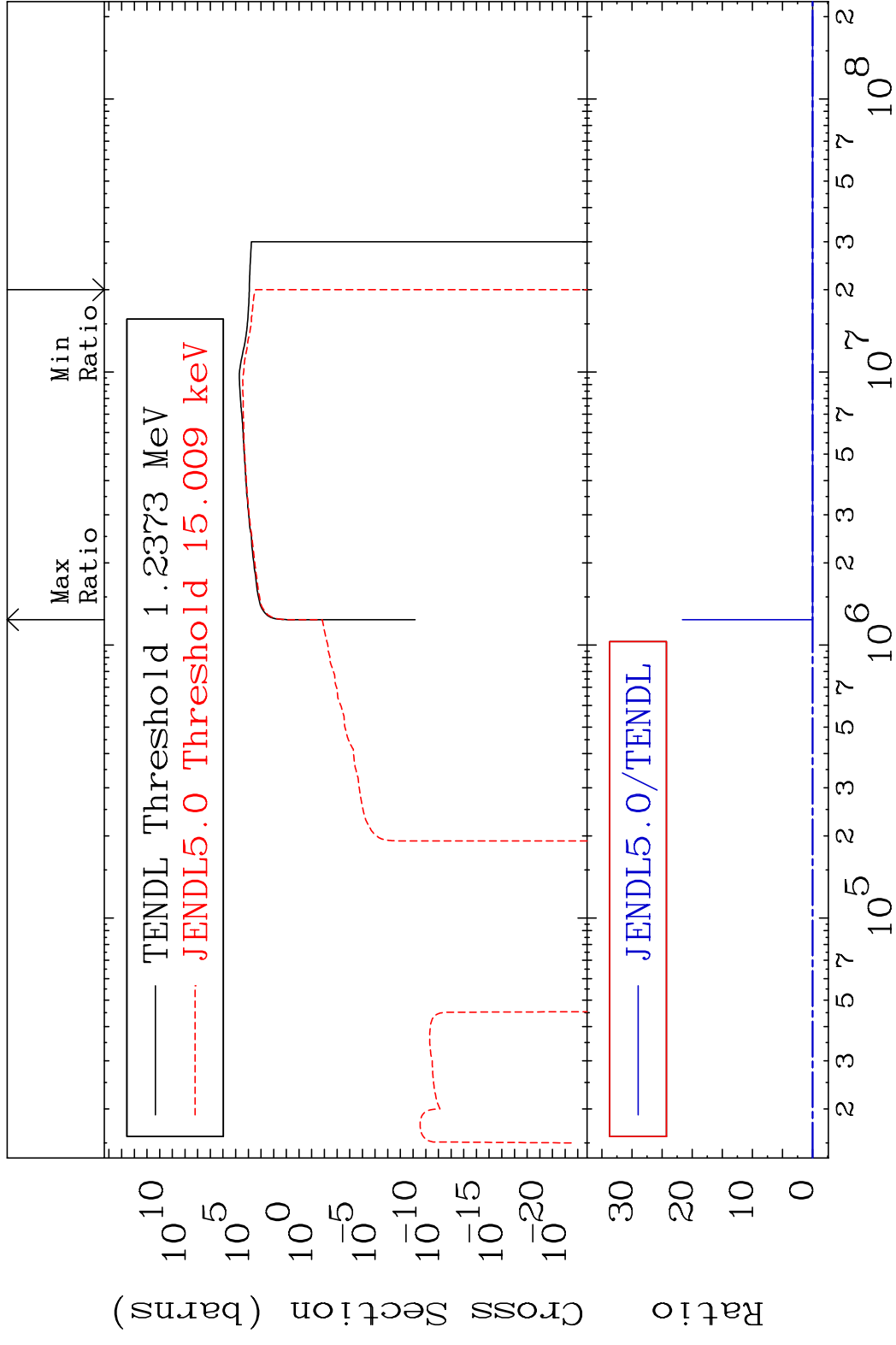


MAT 1843 Kerma non-elastic (all but mt2) 18-Ar-42
 Cross Section -100.0 To 1152. %



MAT 1843

Kerma inelastic (mt51-91) 18-Ar-42
Cross Section -100.0 To 9999. %

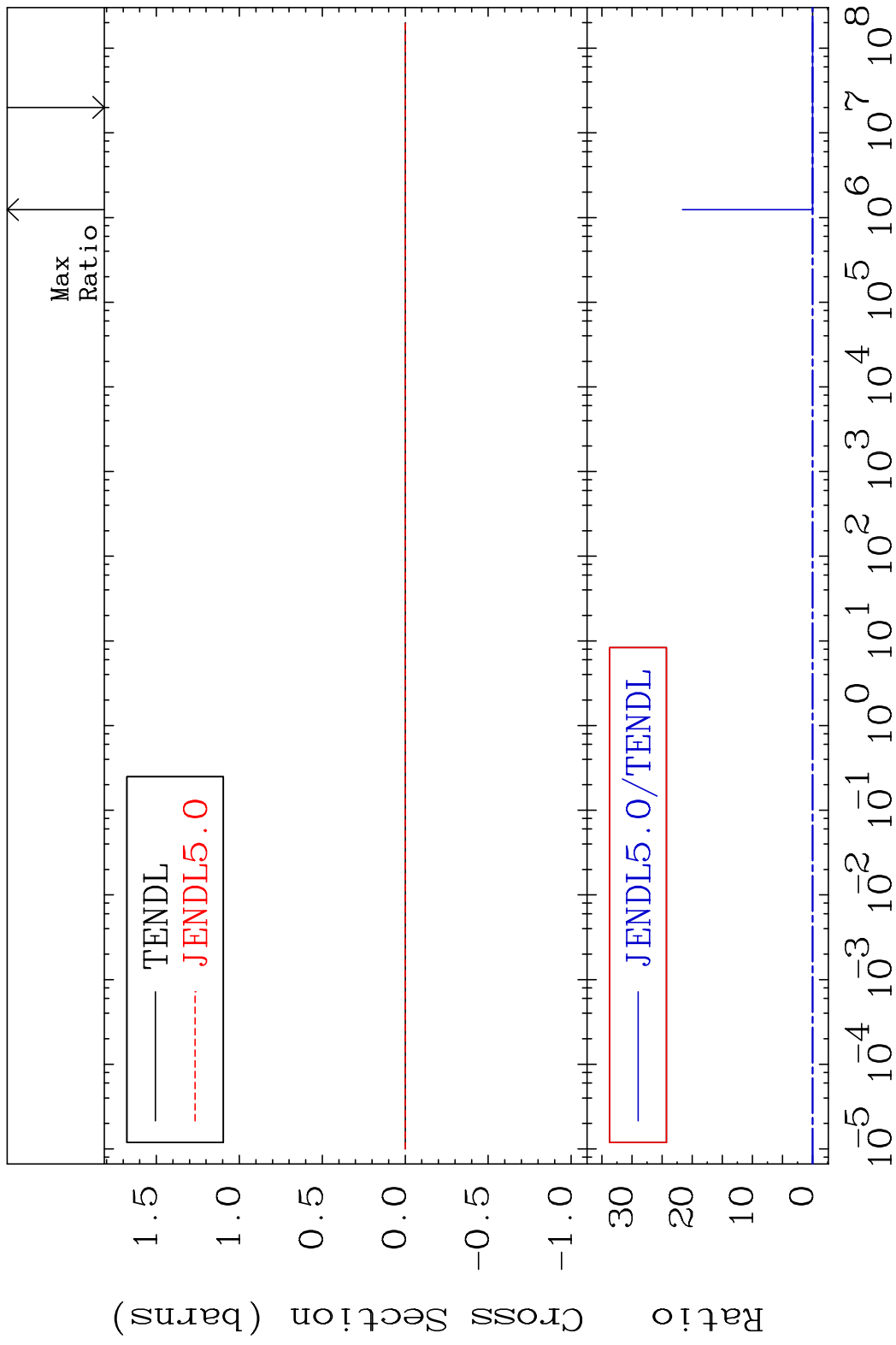


40

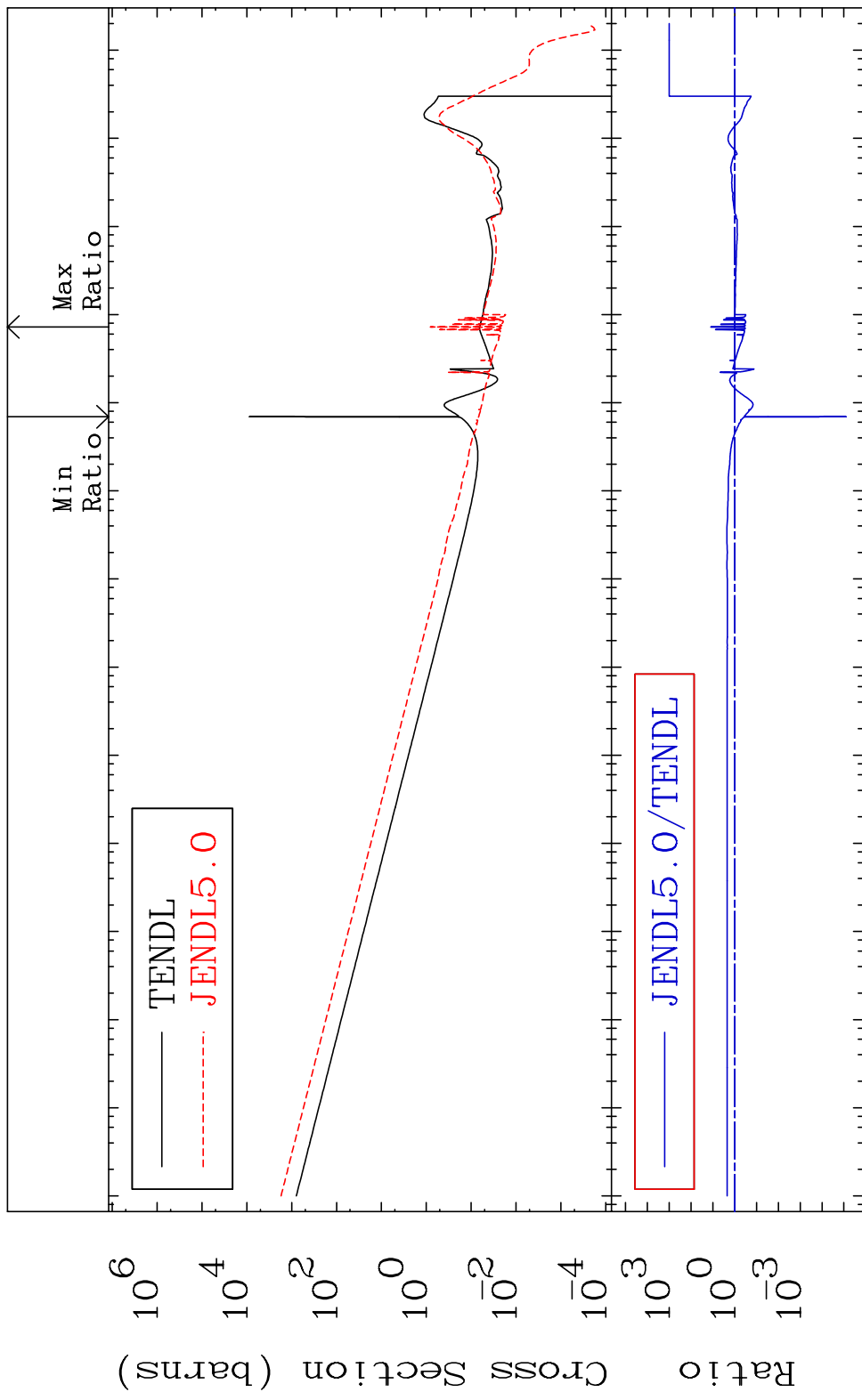
Incident Energy (eV)

18-Ar-42

MAT 1843 Kerma fission (mt18 or mt19-20-21-38) 18-Ar-42
 Cross Section -100.0 To 9999. %

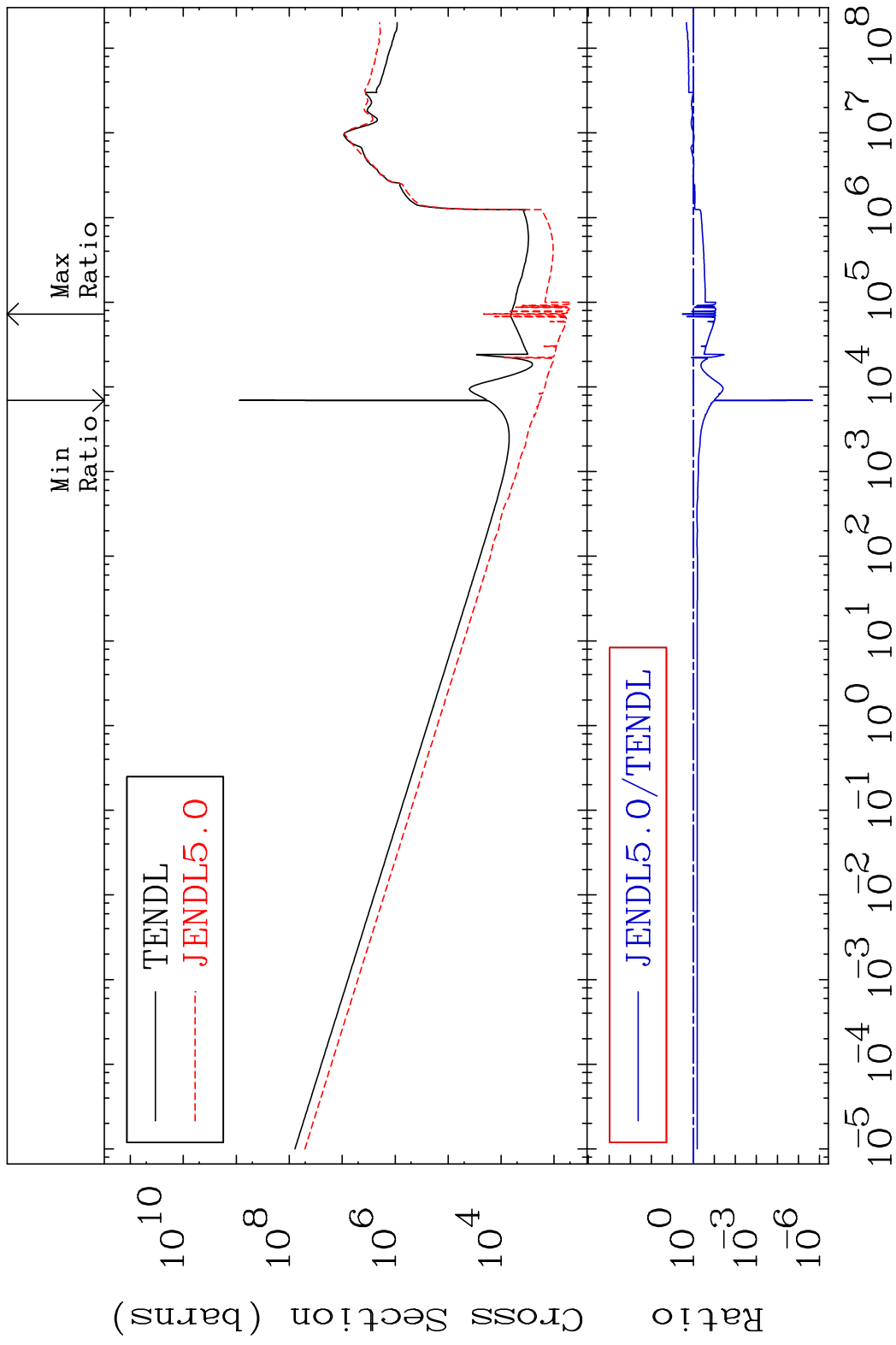


MAT 1843 Kerma capture (mt102) 18-Ar-42
 Cross Section -100.0 To 1152. %

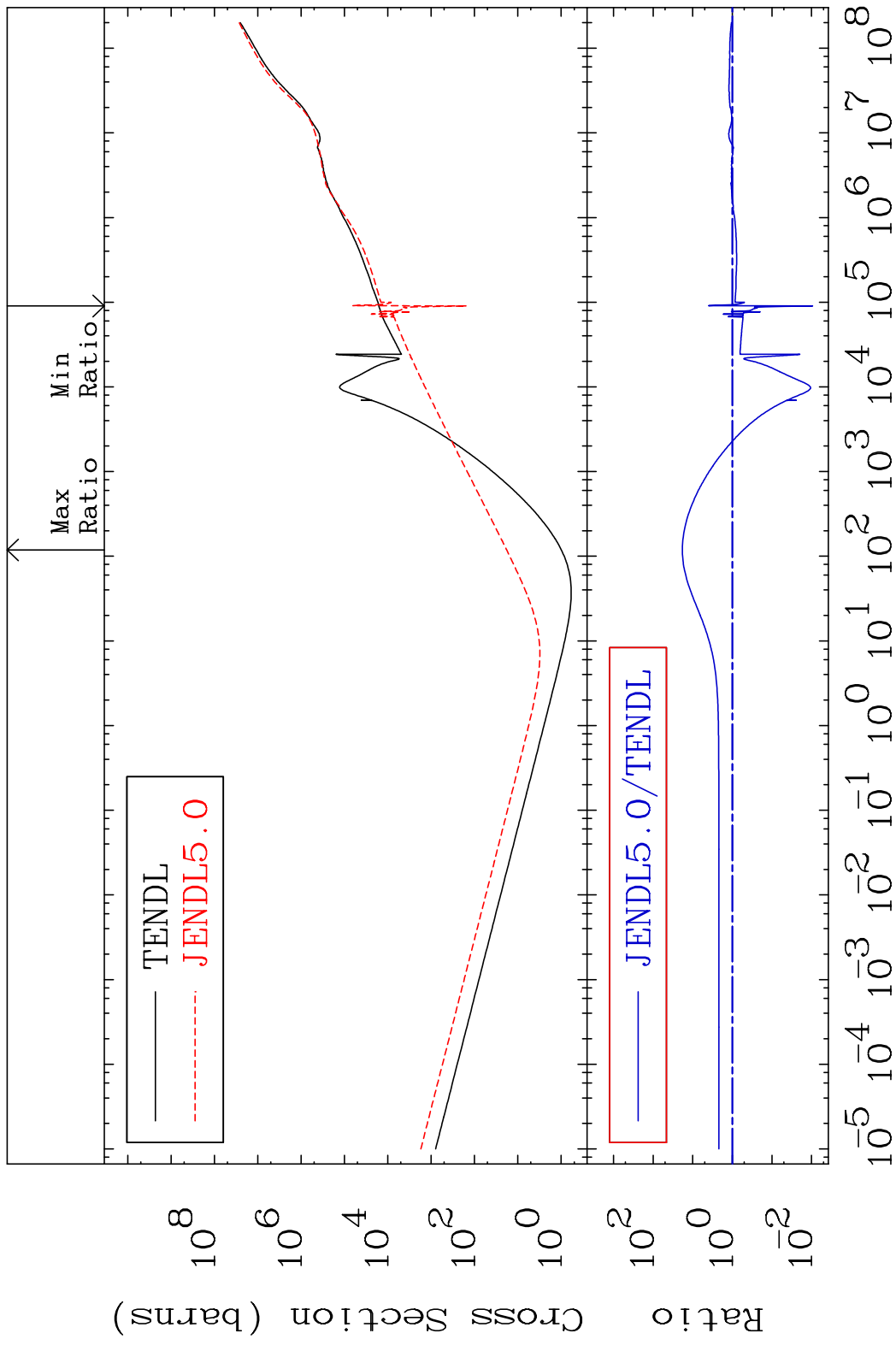


42 Incident Energy (eV) 18-Ar-42

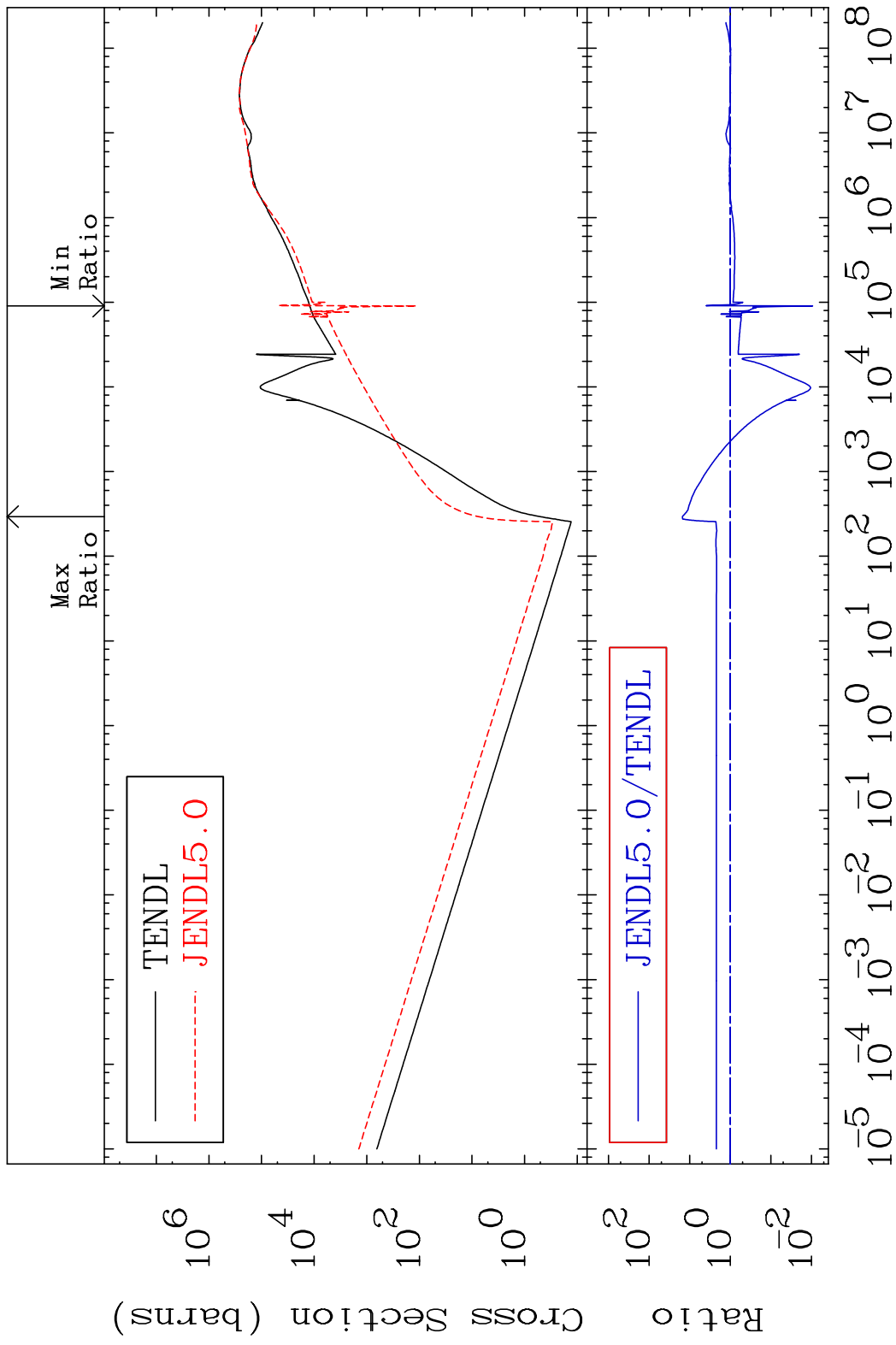
MAT 1843 Total photon (eV-barns) 18-Ar-42
 Cross Section -100.0 To 233.1 %



MAT 1843 Total kinematic kerma (high limit) 18-Ar-42
 Cross Section -99.06 To 1728. %

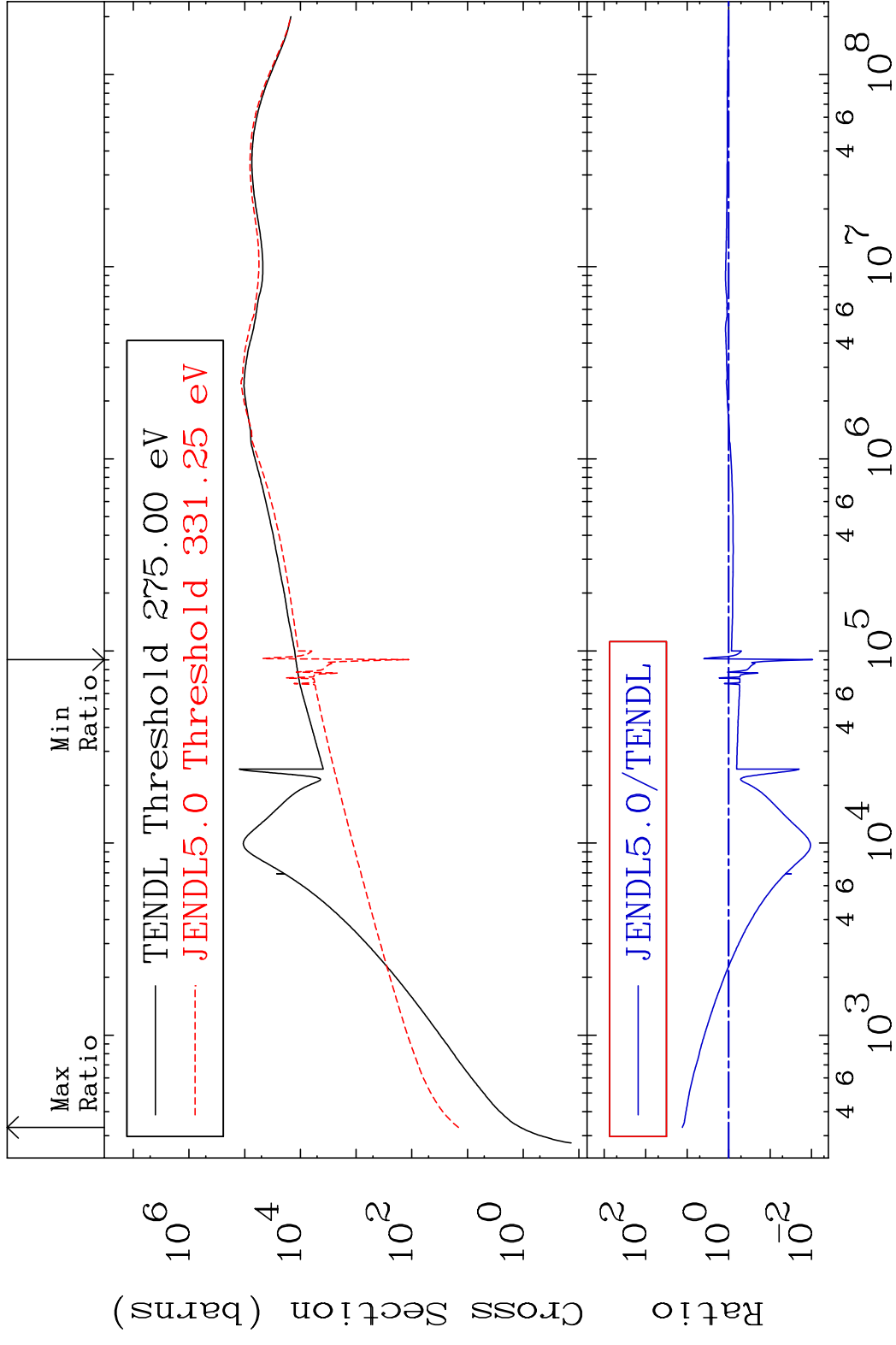


MAT 1843 Dpa total (eV-barns) 18-Ar-42
 Cross Section -99.06 To 1416. %

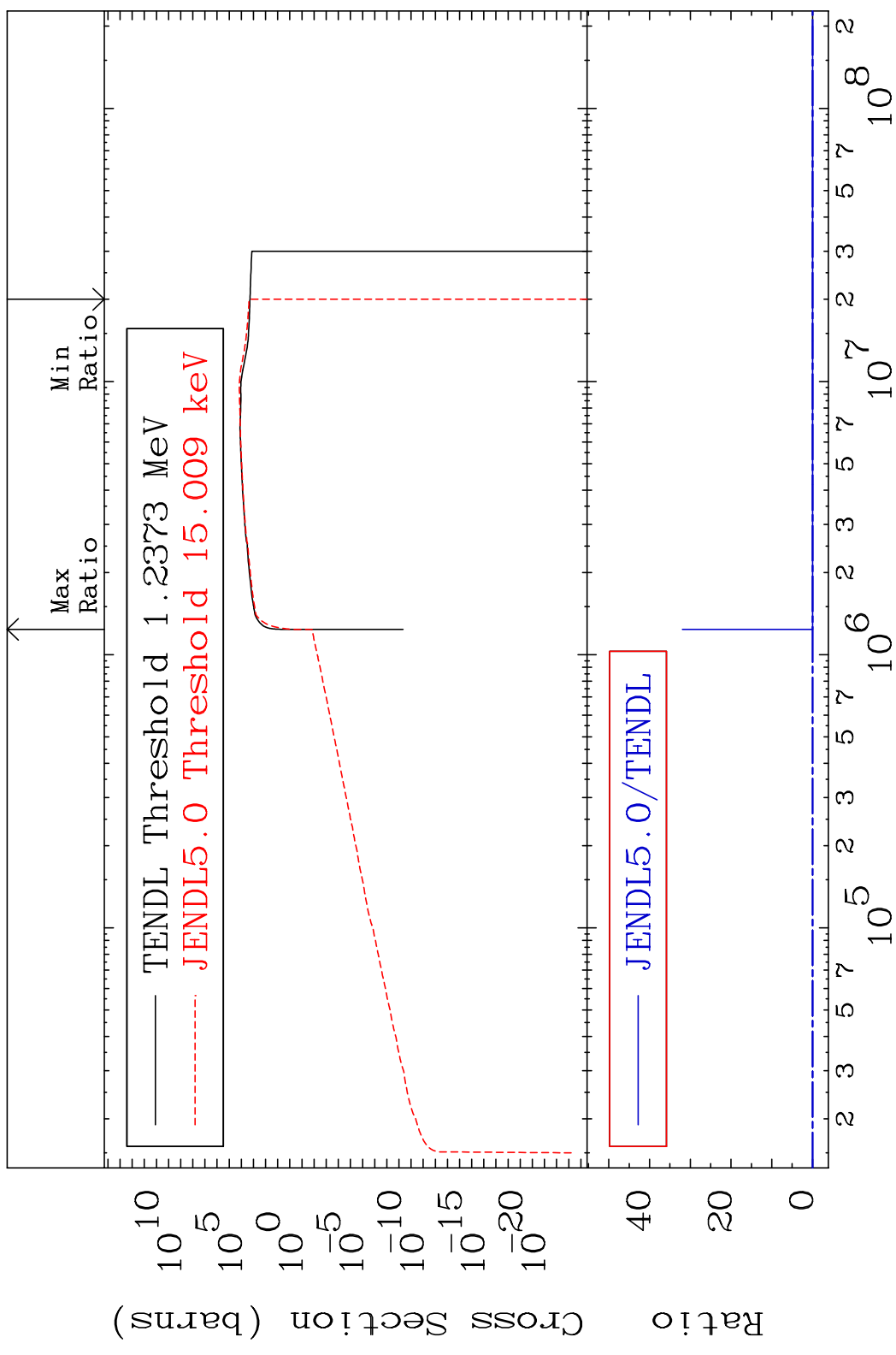


45 Incident Energy (eV) 18-Ar-42

MAT 1843 Dpa elastic (mt2) 18-Ar-42
 Cross Section -99.06 To 1207. %



Cross Section -100.0 To 9999. %



MAT 1843 Dpa disappearance (mt102 -120) 18-Ar-42
 Cross Section -100.0 To 1159. %

