

Program Complot
(Version 2021-1)

by

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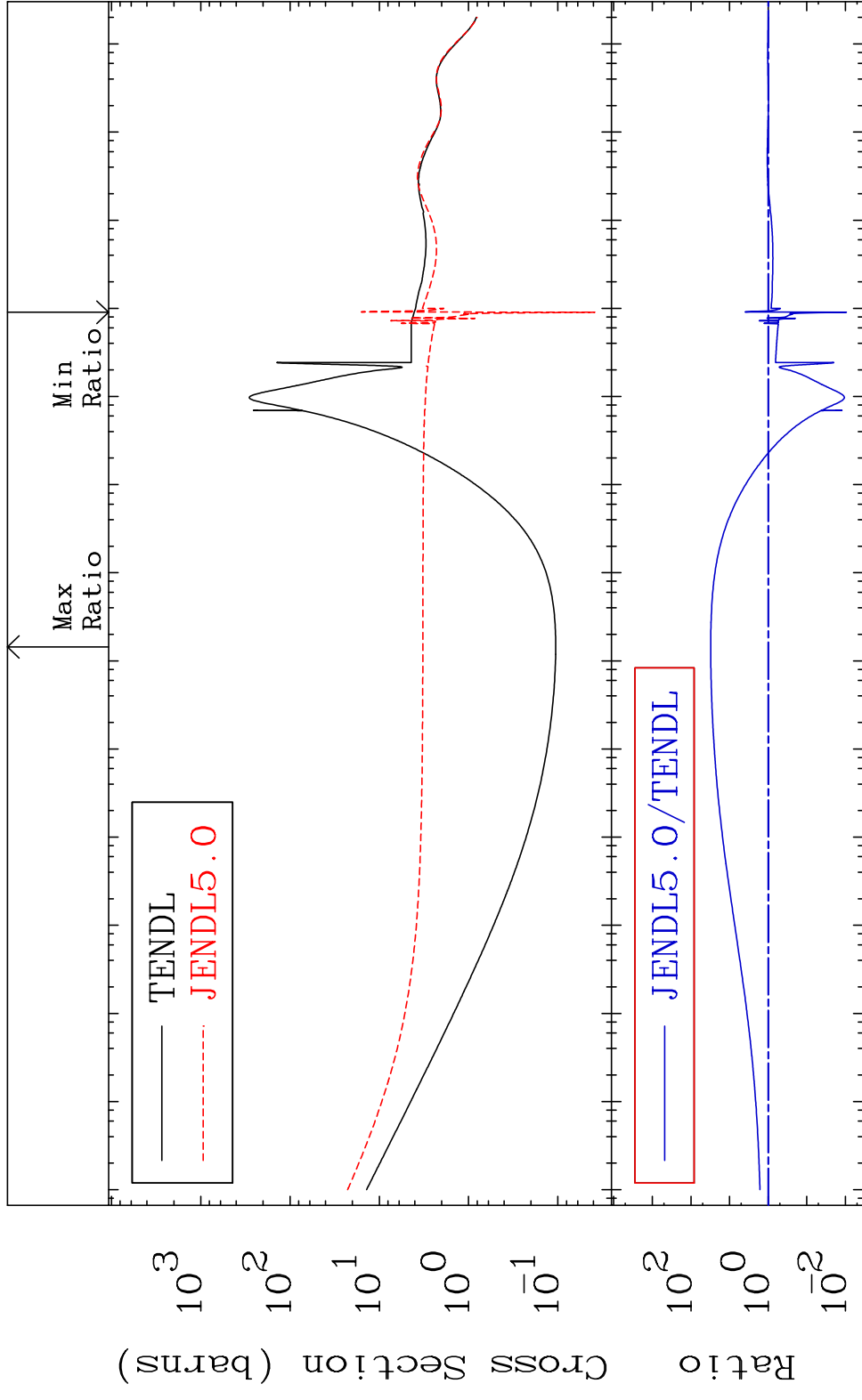
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1843

Total Cross Section -99.05 To 2975. %

18-Ar-42



1

Incident Energy (eV)

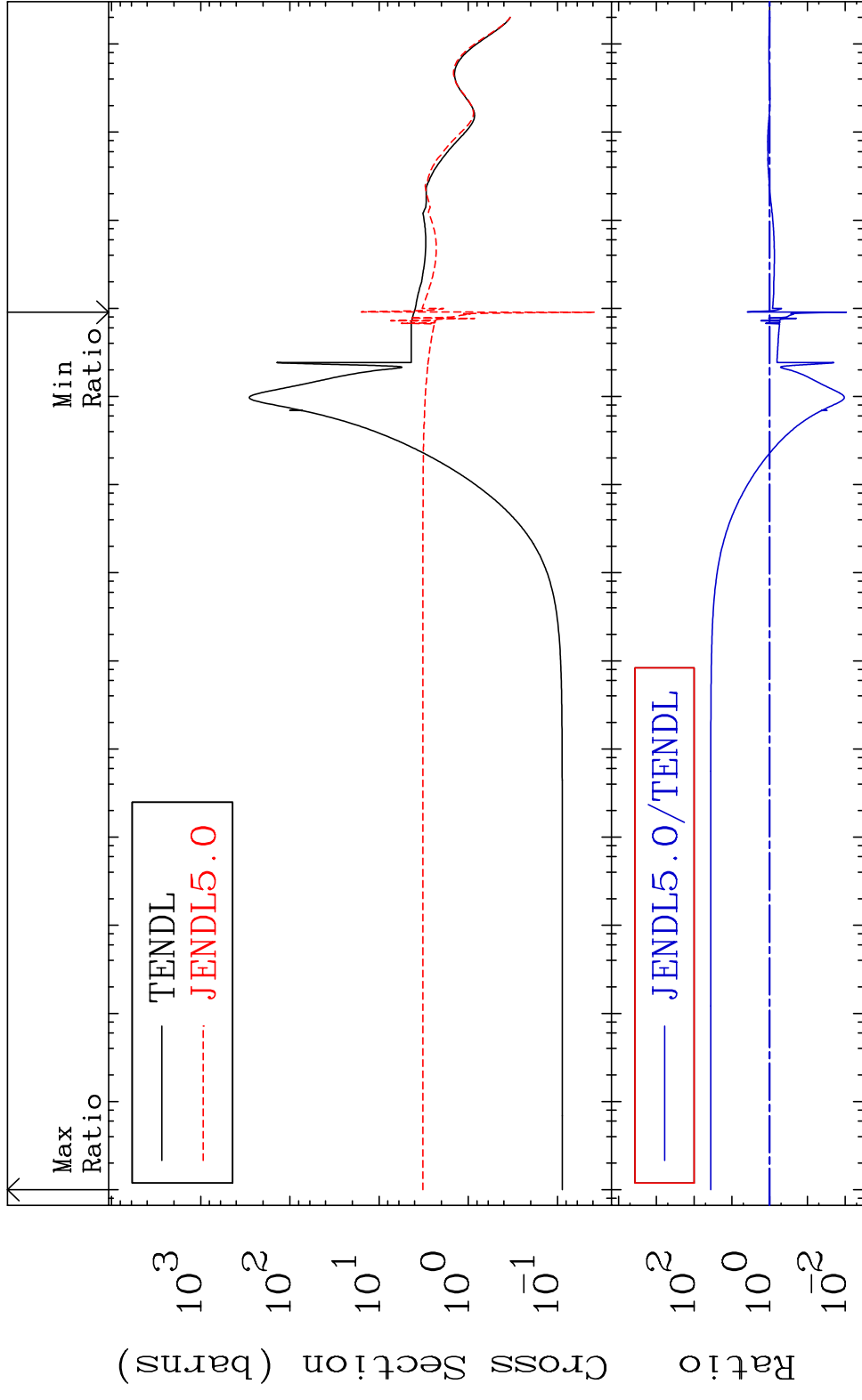
18-Ar-42

MAT 1843

Elastic

18-Ar-42

Cross Section -99.06 To 3555. %

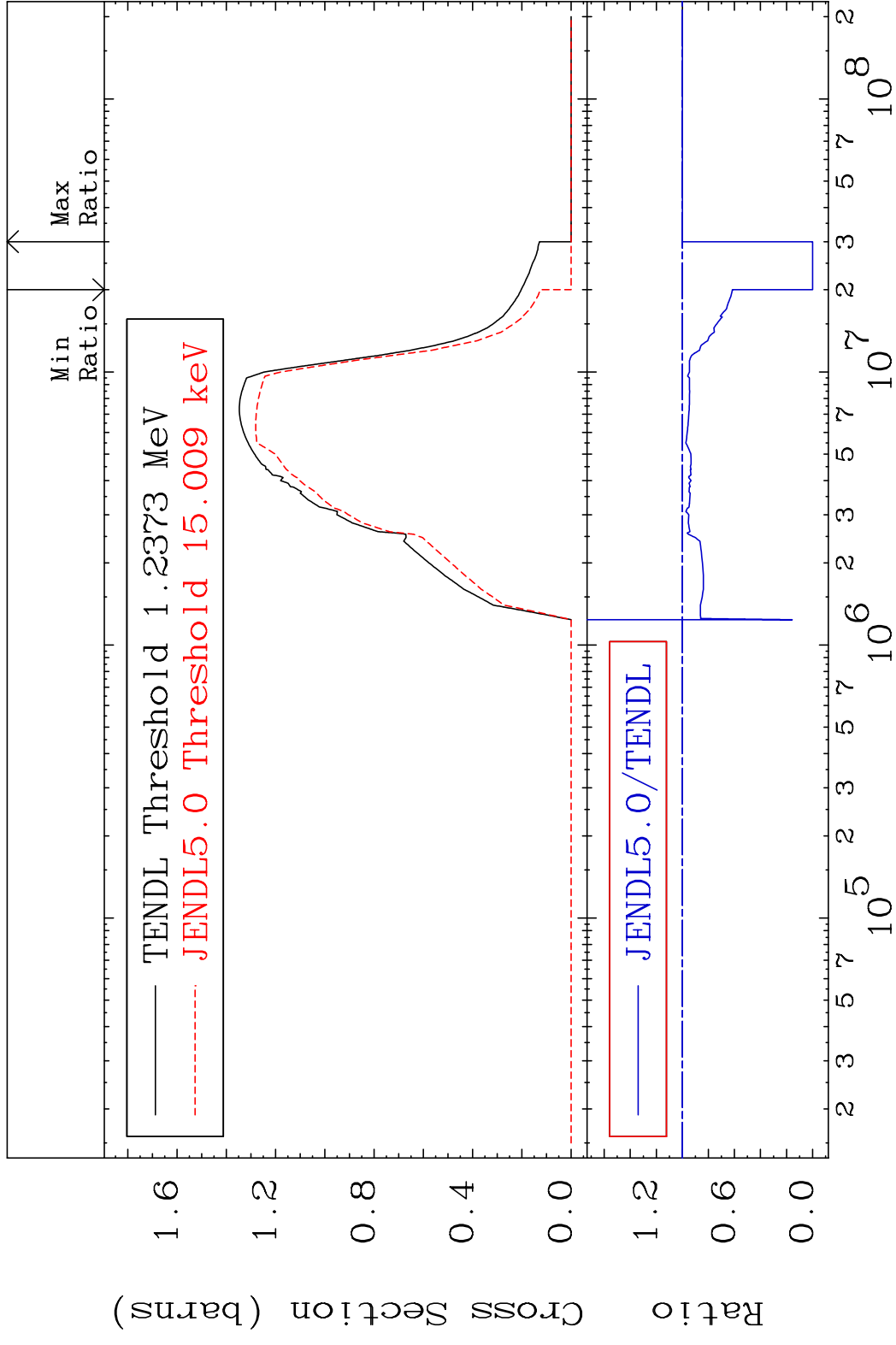


2

Incident Energy (eV)

18-Ar-42

MAT 1843 Inelastic Cross Section 18-Ar-42
 Cross Section -100.0 To 0.000 %

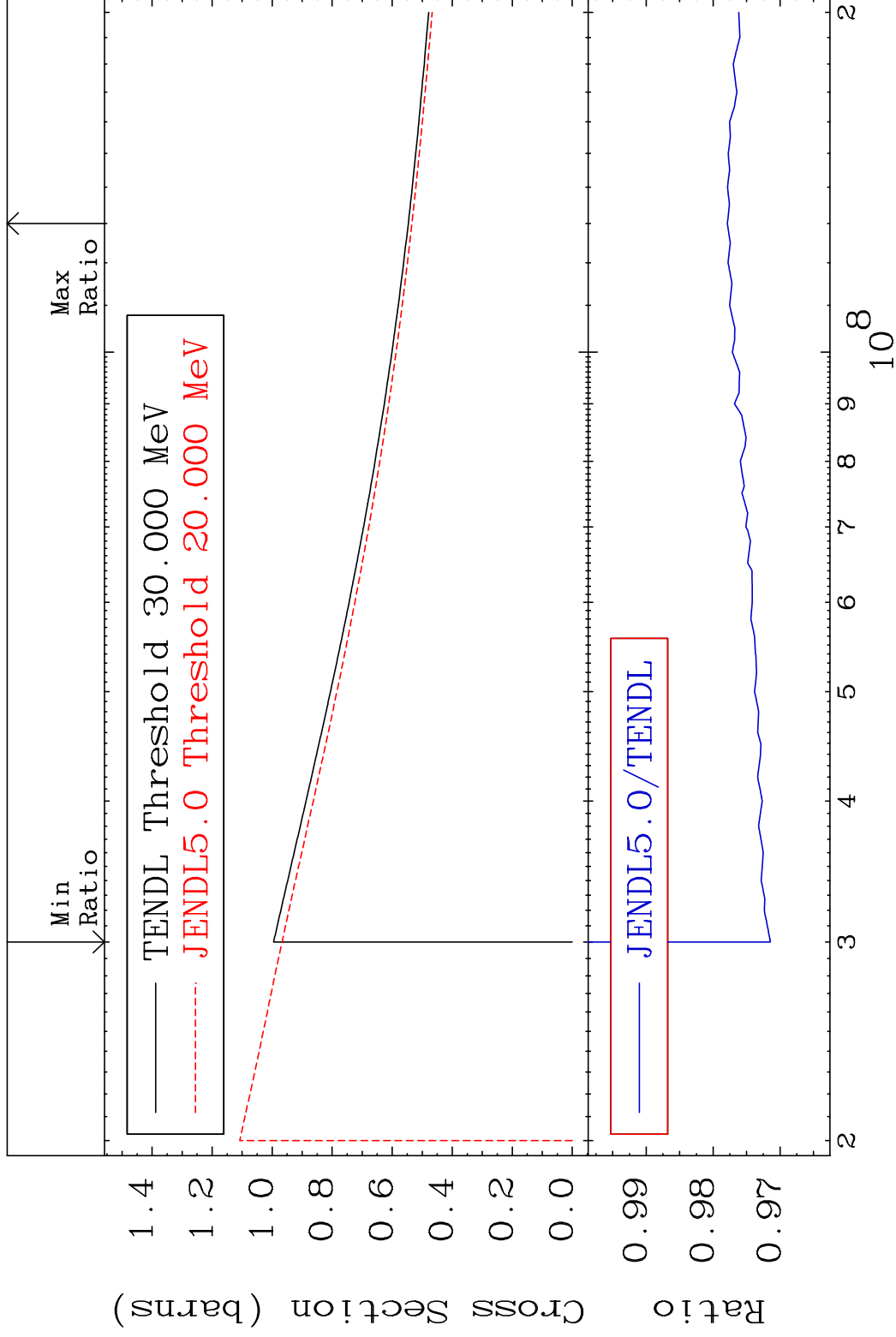


MAT 1843

(n, remainder)

18-Ar-42

Cross Section -2.855 To -2.214%



4

Incident Energy (eV)

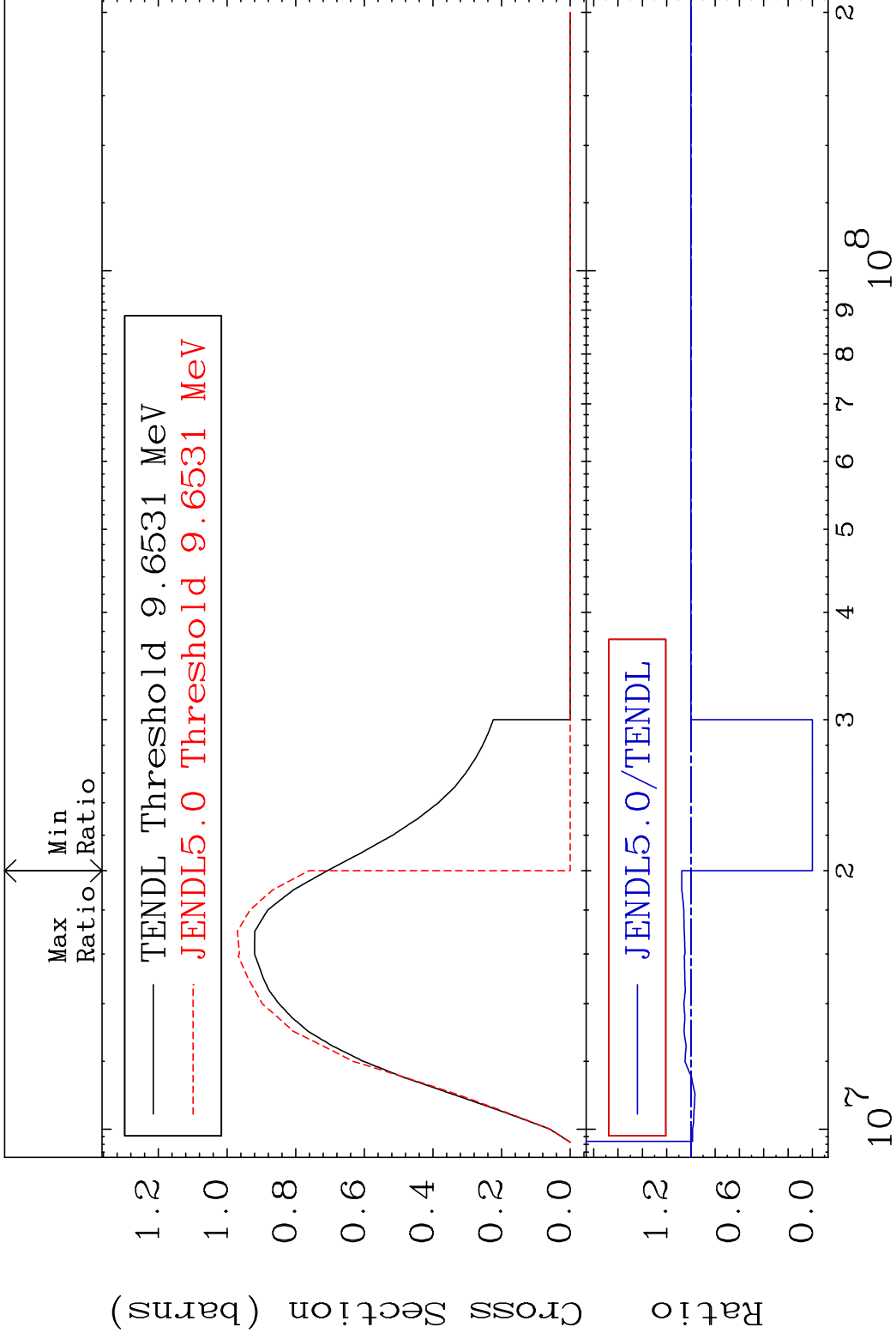
18-Ar-42

MAT 1843

(n,2n)

18-Ar-42

Cross Section -100.0 To 7.551 %

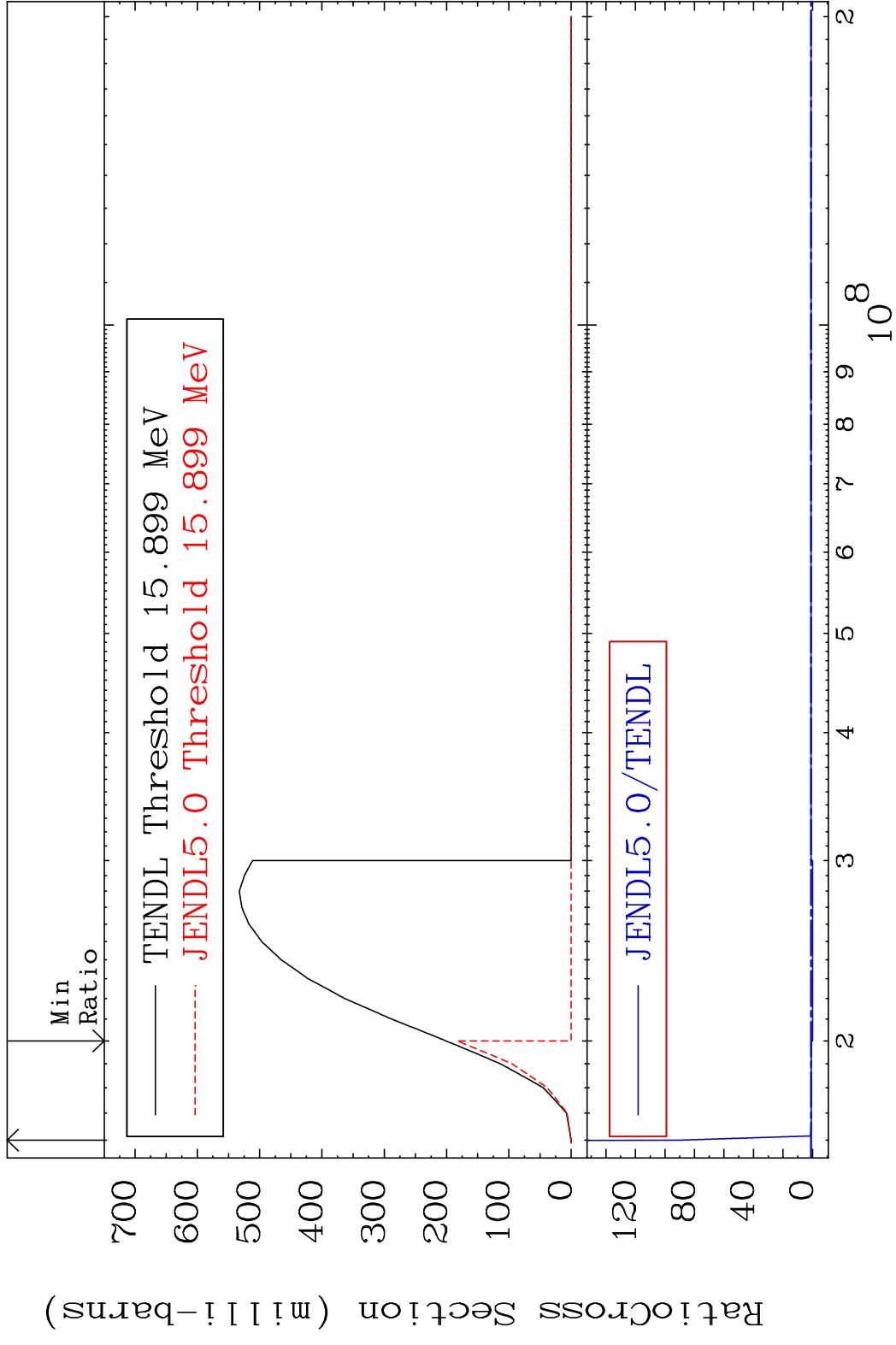


5

Incident Energy (eV)

18-Ar-42

MAT 1843 (n,3n) 18-Ar-42
 Cross Section -100.0 To 8721. %

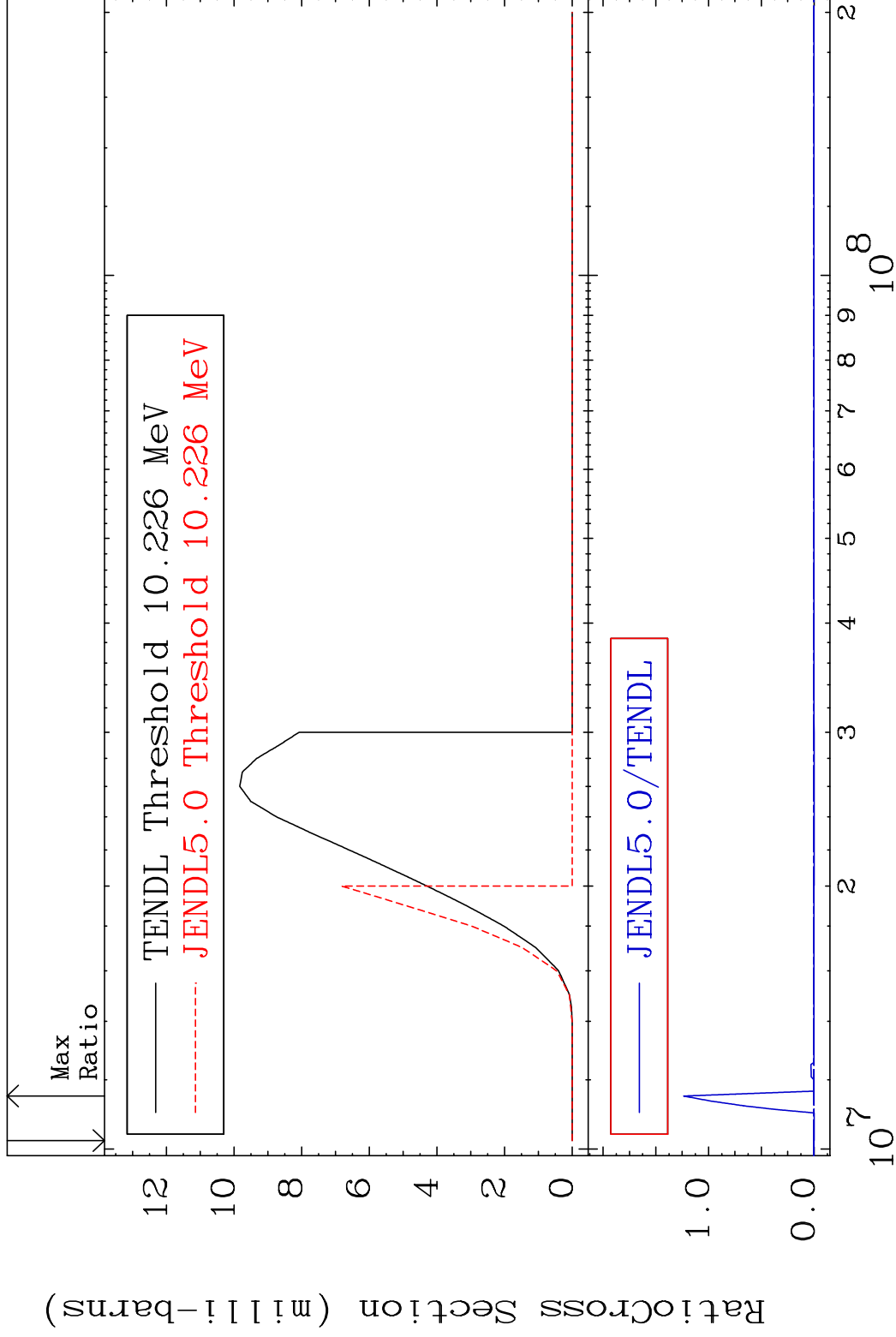


MAT 1843

(n, n') α

18-Ar-42

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

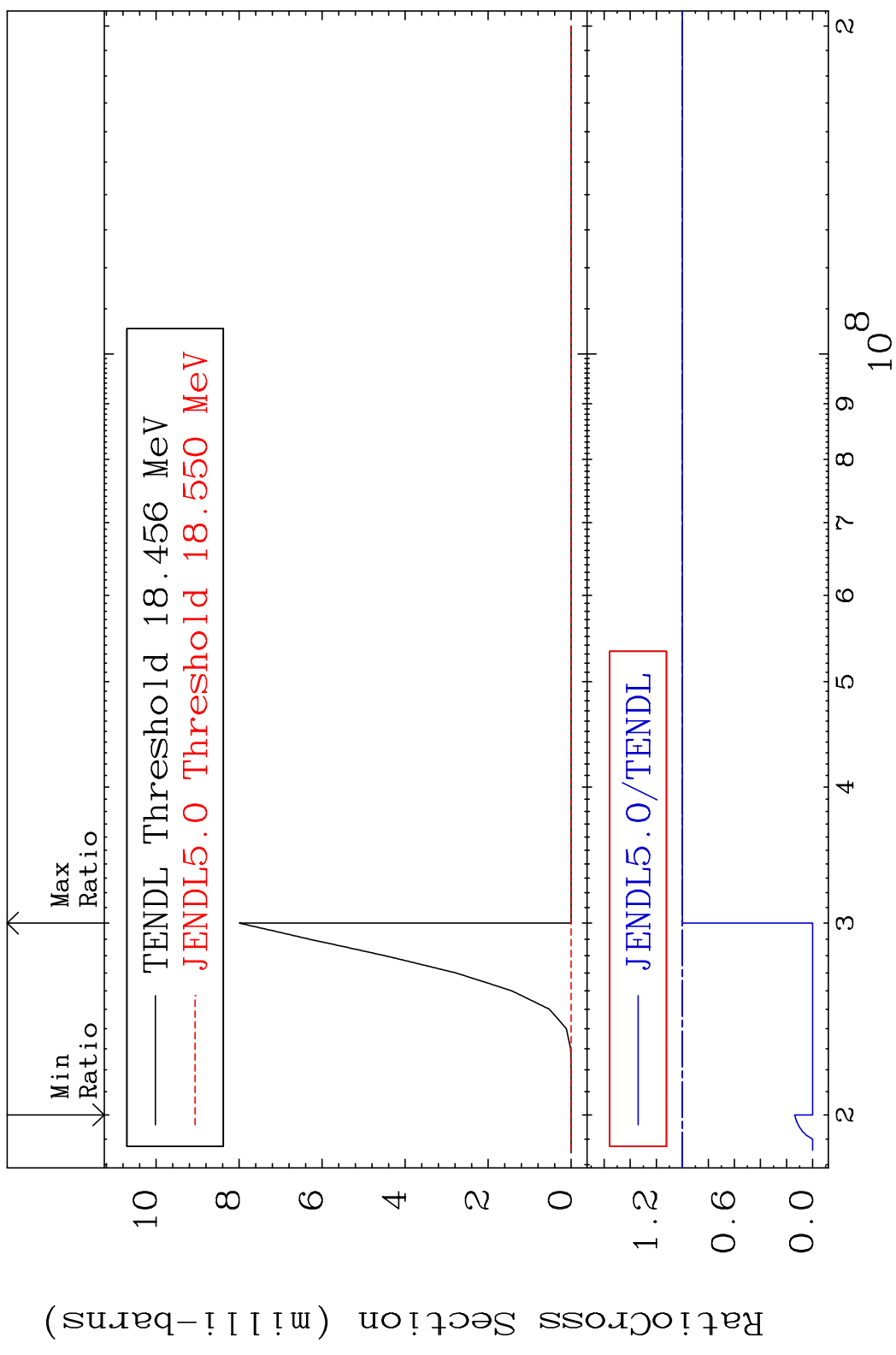
18-Ar-42

MAT 1843

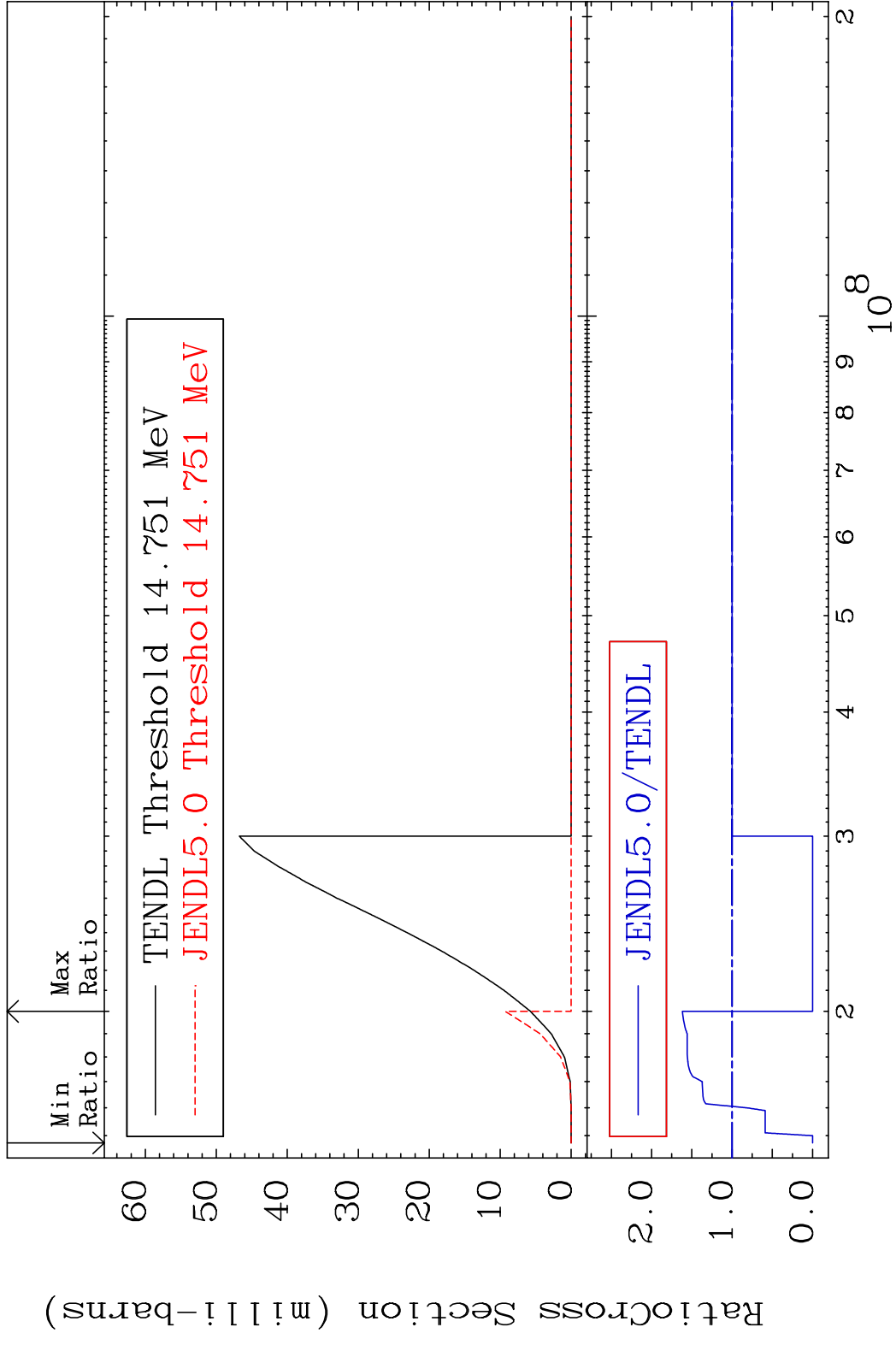
(n,2n) α

18-Ar-42

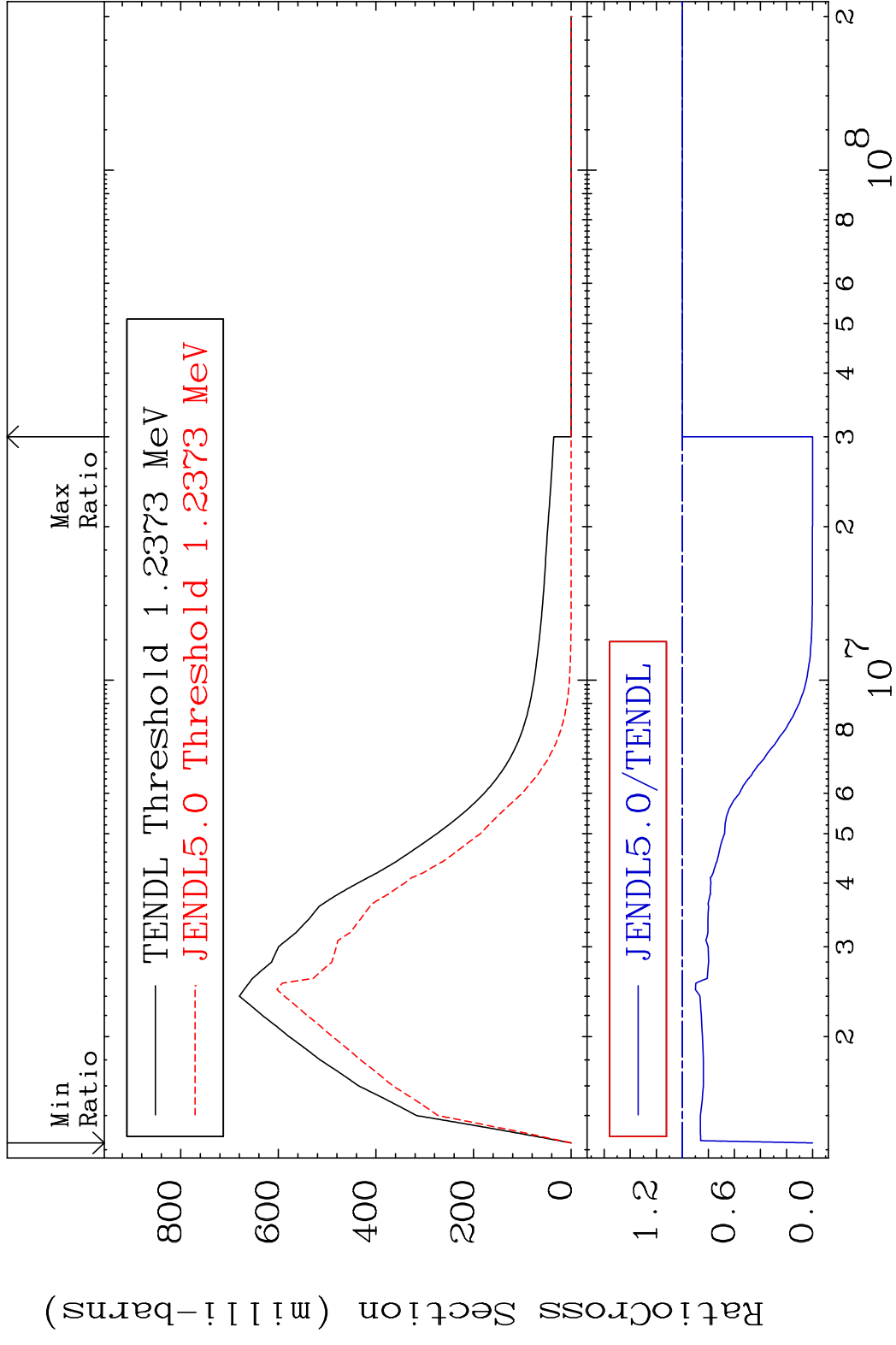
Cross Section -100.0 To 0.000 %



MAT 1843 (n, n') p 18-Ar-42
 Cross Section -100.0 To 61.79 %

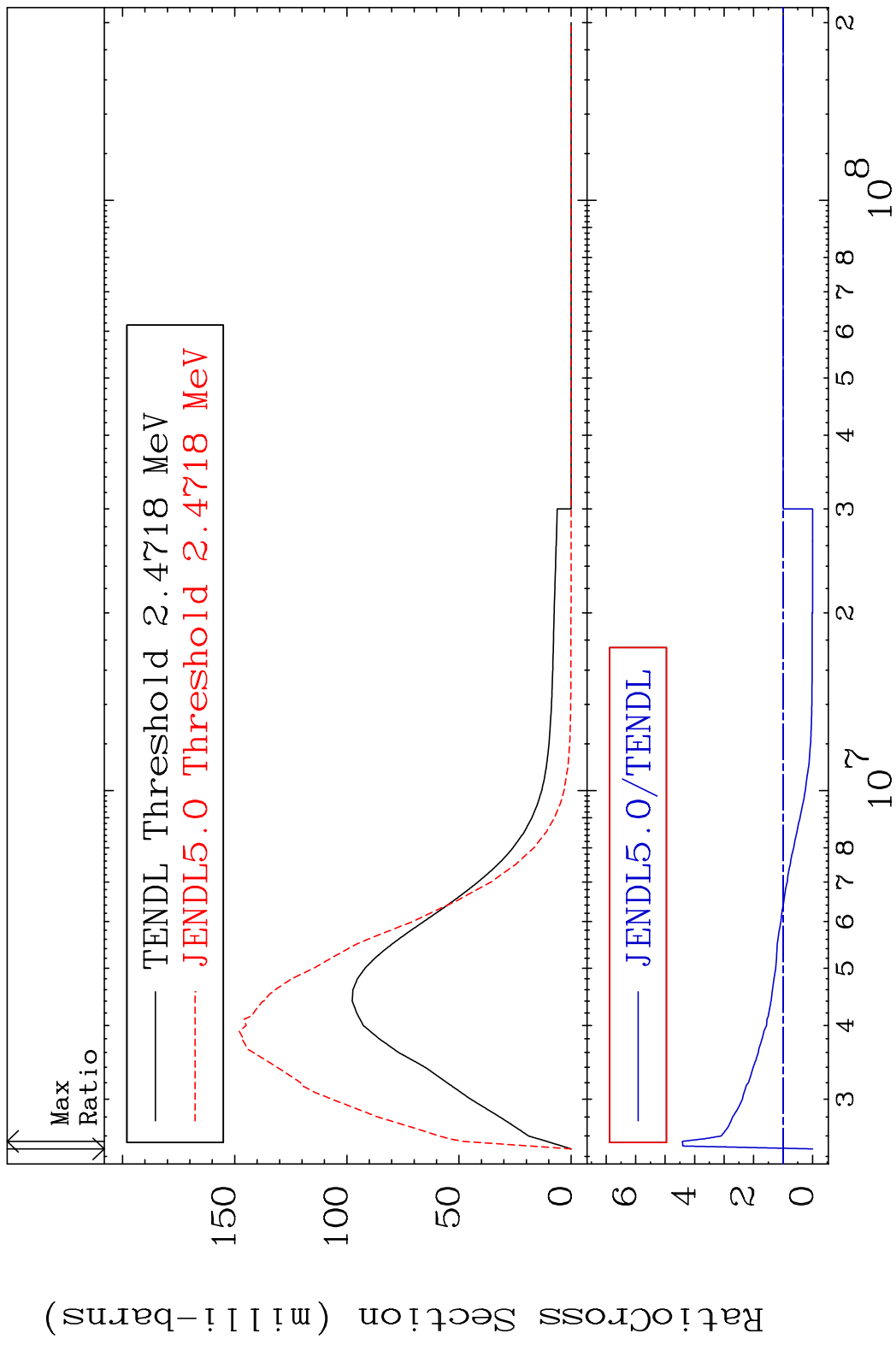


MAT 1843 MT= 51 (n, n') Level 18-Ar-42
 Cross Section -100.0 To 0.000 %

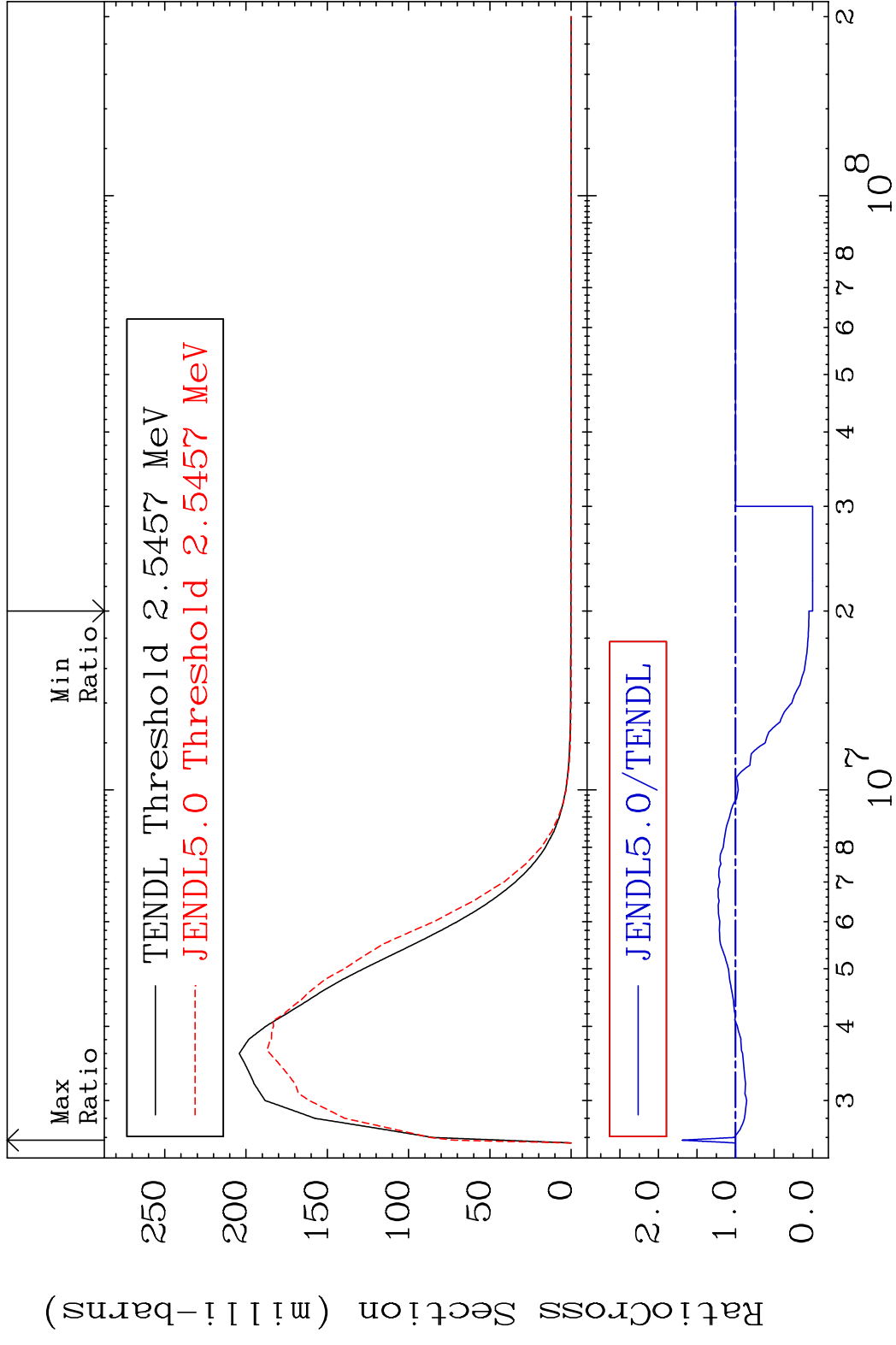


10 18-Ar-42

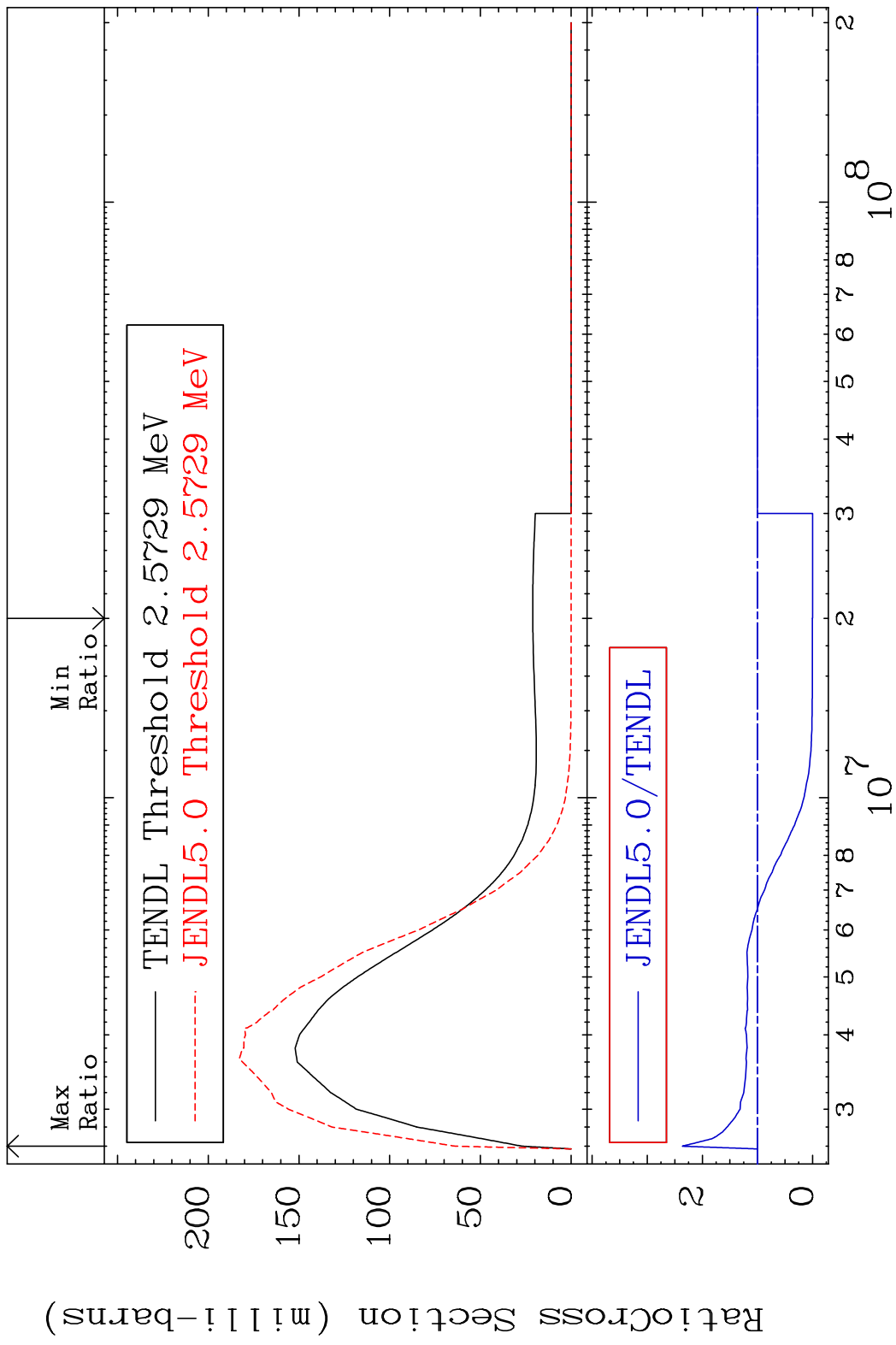
MAT 1843 MT= 52 (n, n') Level 18-Ar-42
 Cross Section -100.0 To 341.7 %



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

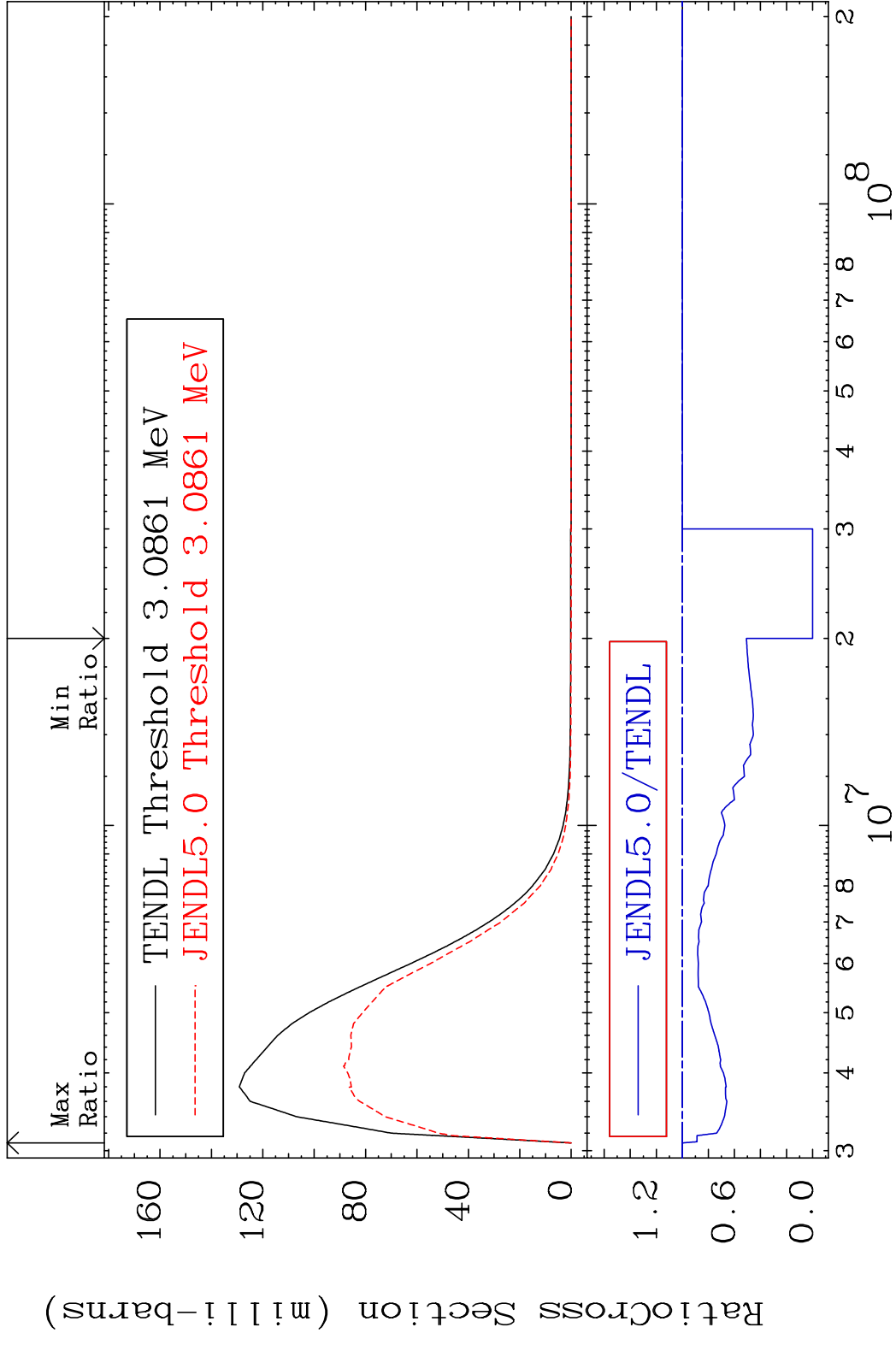


MAT 1843 MT= 54 (n, n') Level 18-Ar-42
 Cross Section -100.0 To 136.3 %

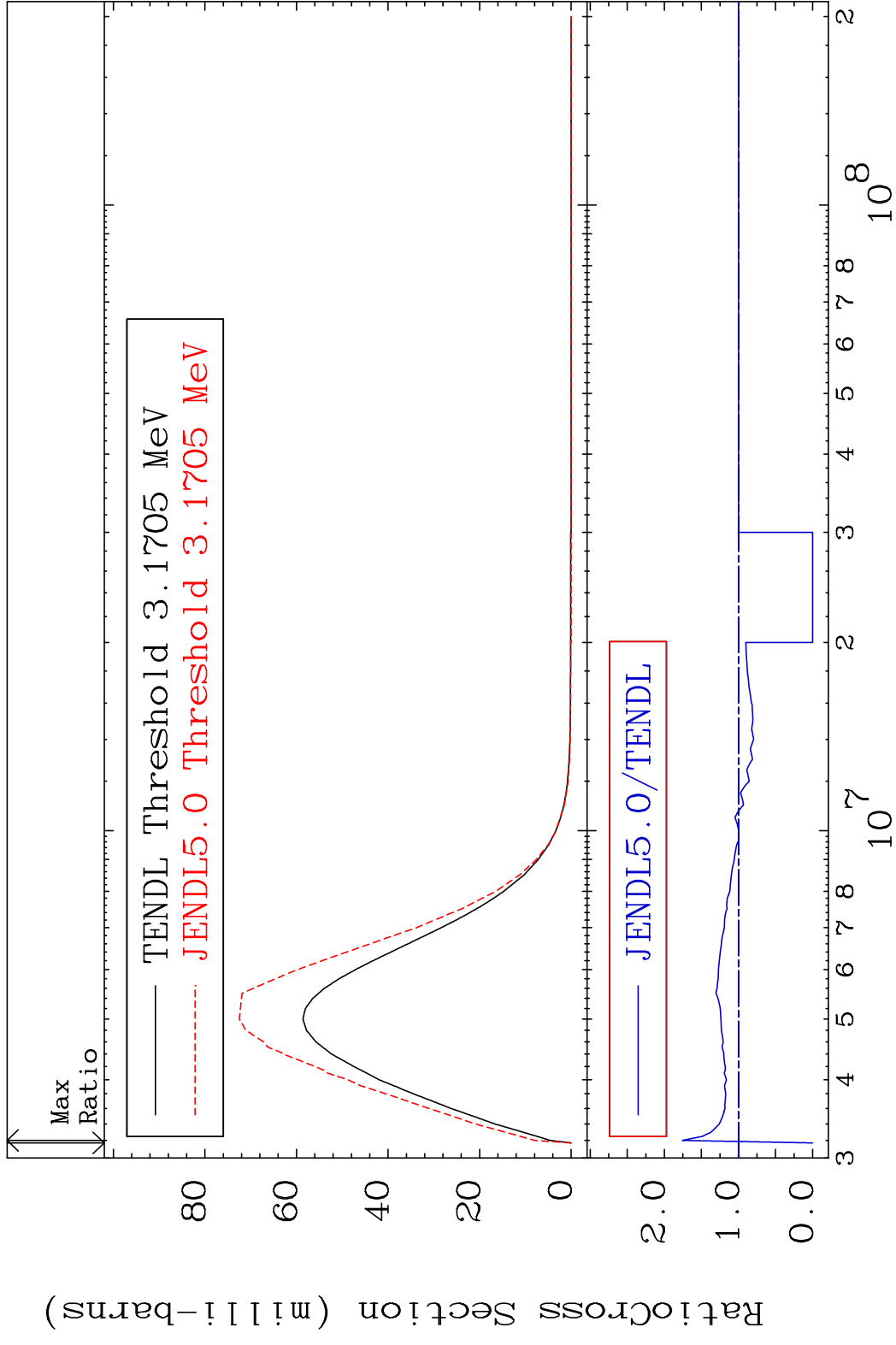


13 Incident Energy (eV) 18-Ar-42

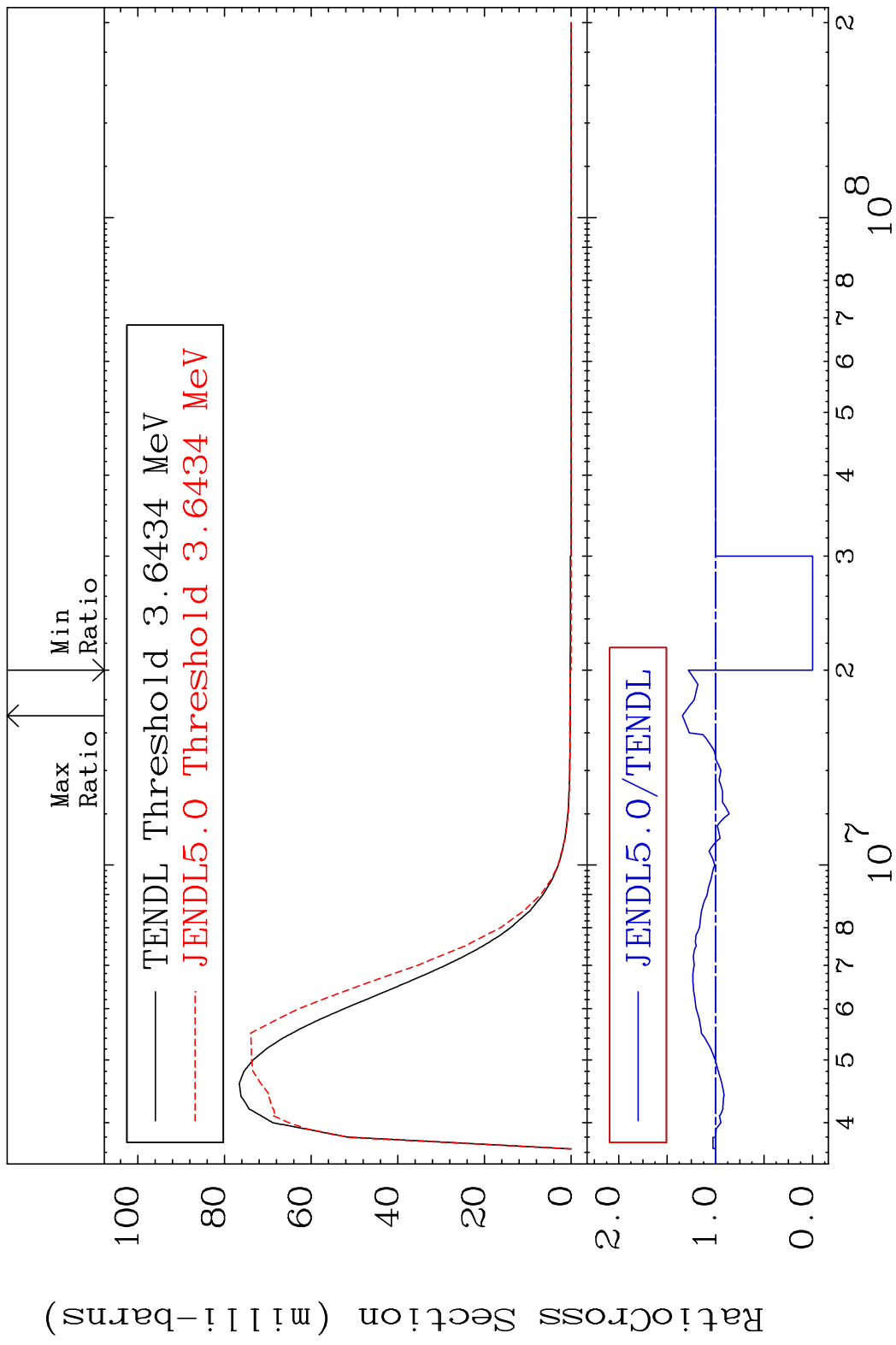
MAT 1843 MT= 55 (n,n') Level 18-Ar-42
 Cross Section -100.0 To 0.000 %



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

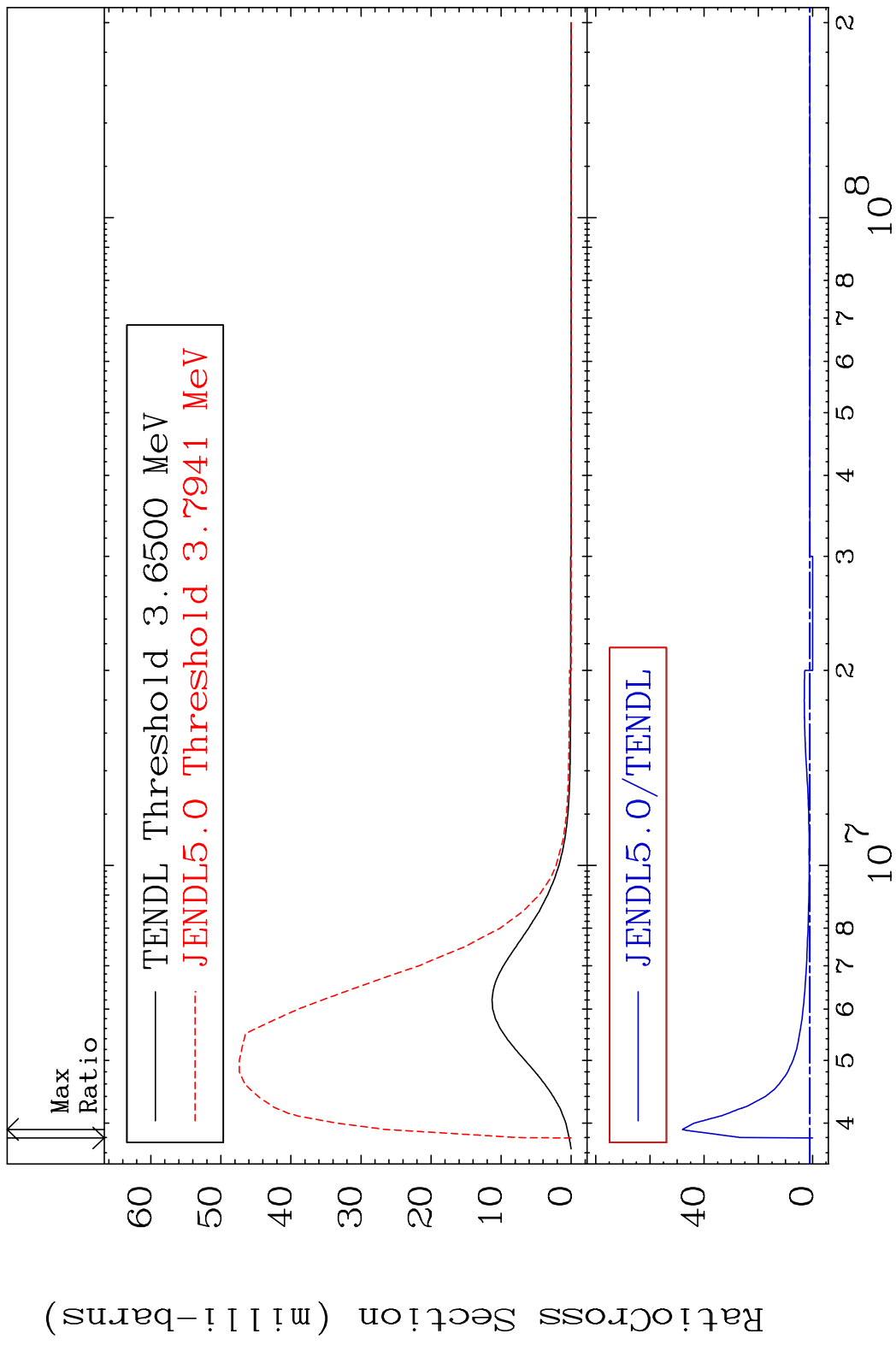


MAT 1843 MT= 57 (n, n') Level 18-Ar-42
 Cross Section -100.0 To 34.32 %

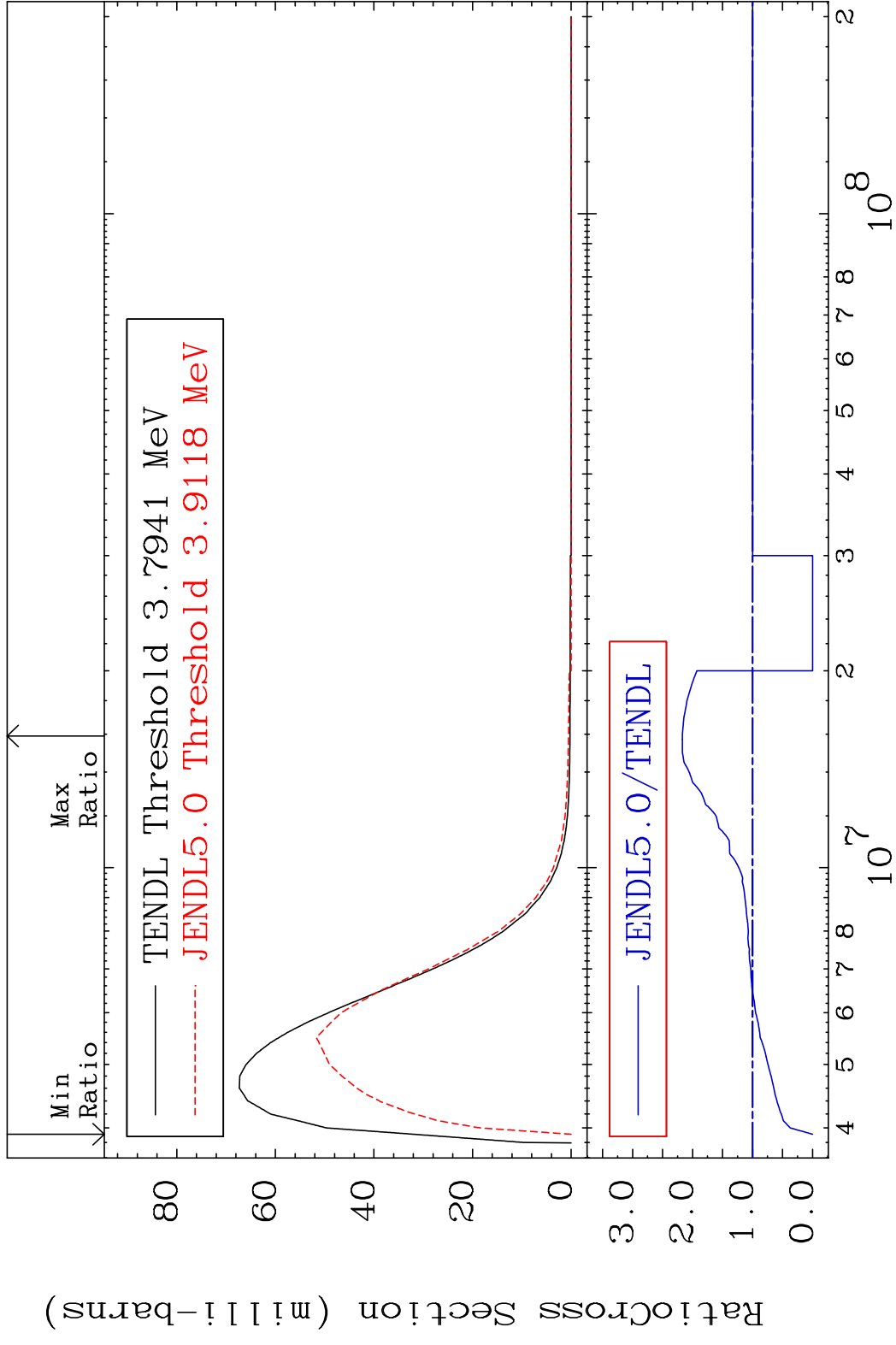


16 Incident Energy (eV) 18-Ar-42

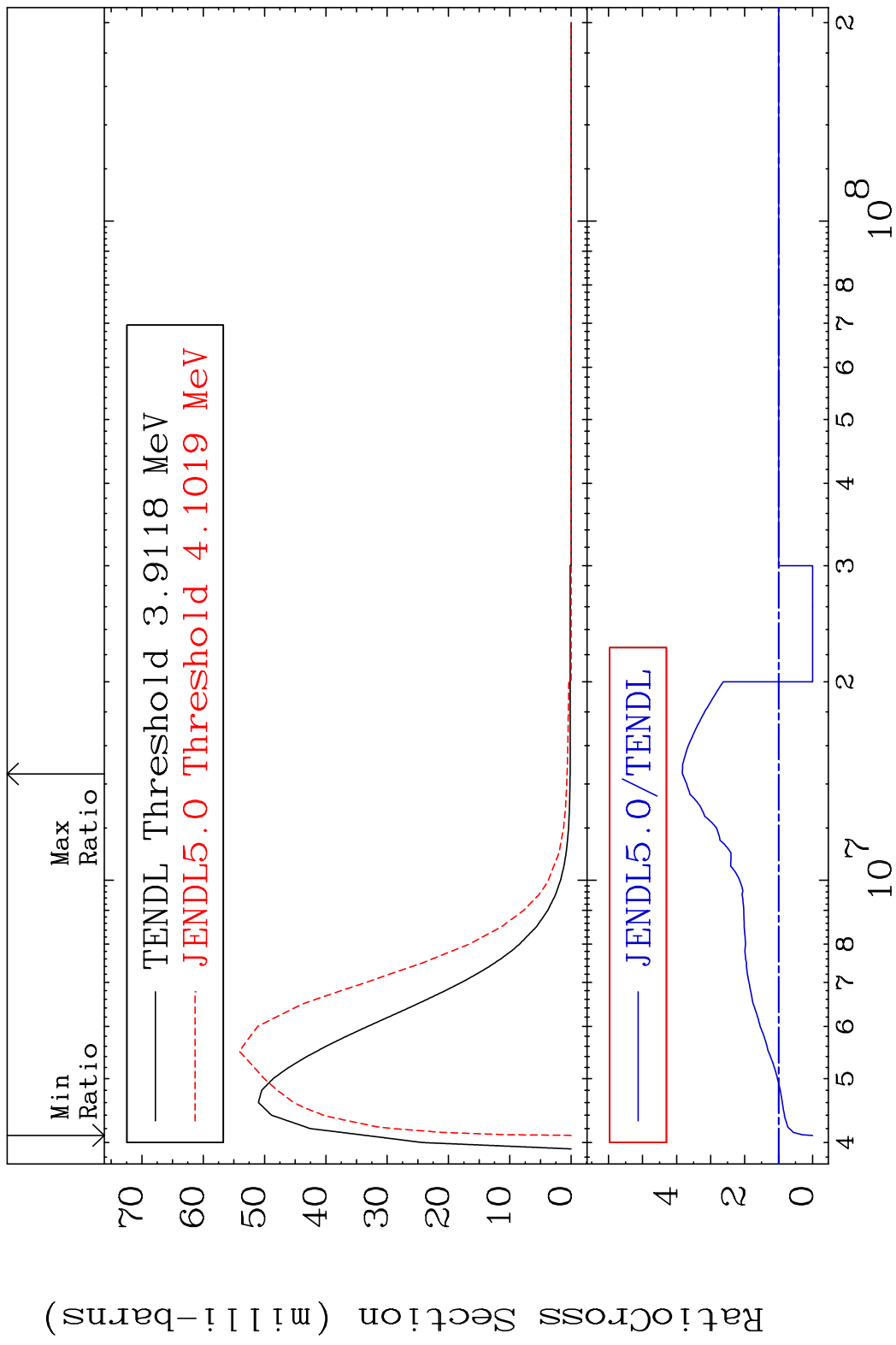
MAT 1843 MT= 58 (n,n') Level 18-Ar-42
 Cross Section -100.0 To 4704. %



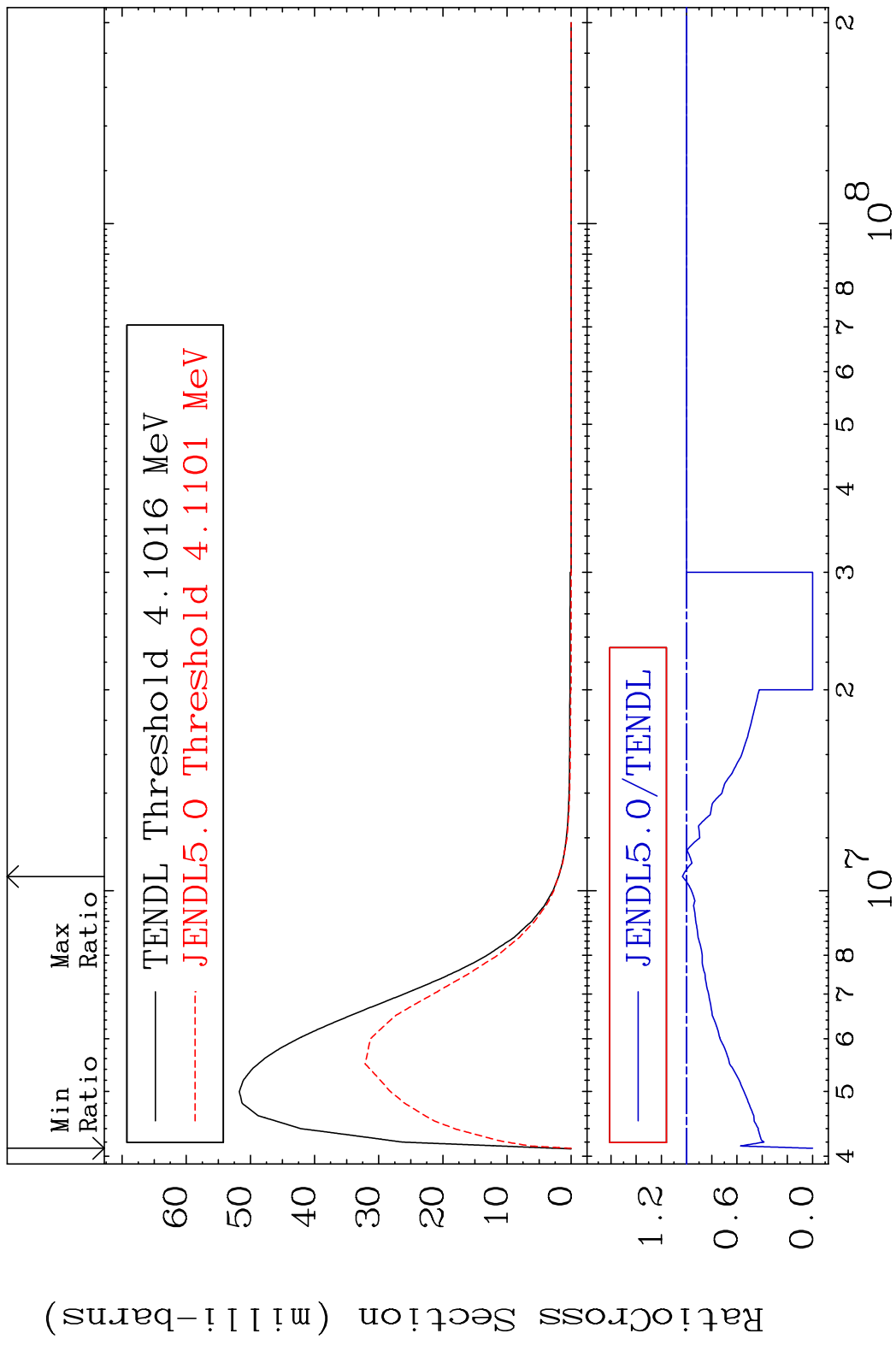
MAT 1843 MT= 59 (n, n') Level 18-Ar-42
 Cross Section -100.0 To 117.0 %



MAT 1843 MT= 60 (n,n') Level 18-Ar-42
 Cross Section -100.0 To 283.0 %

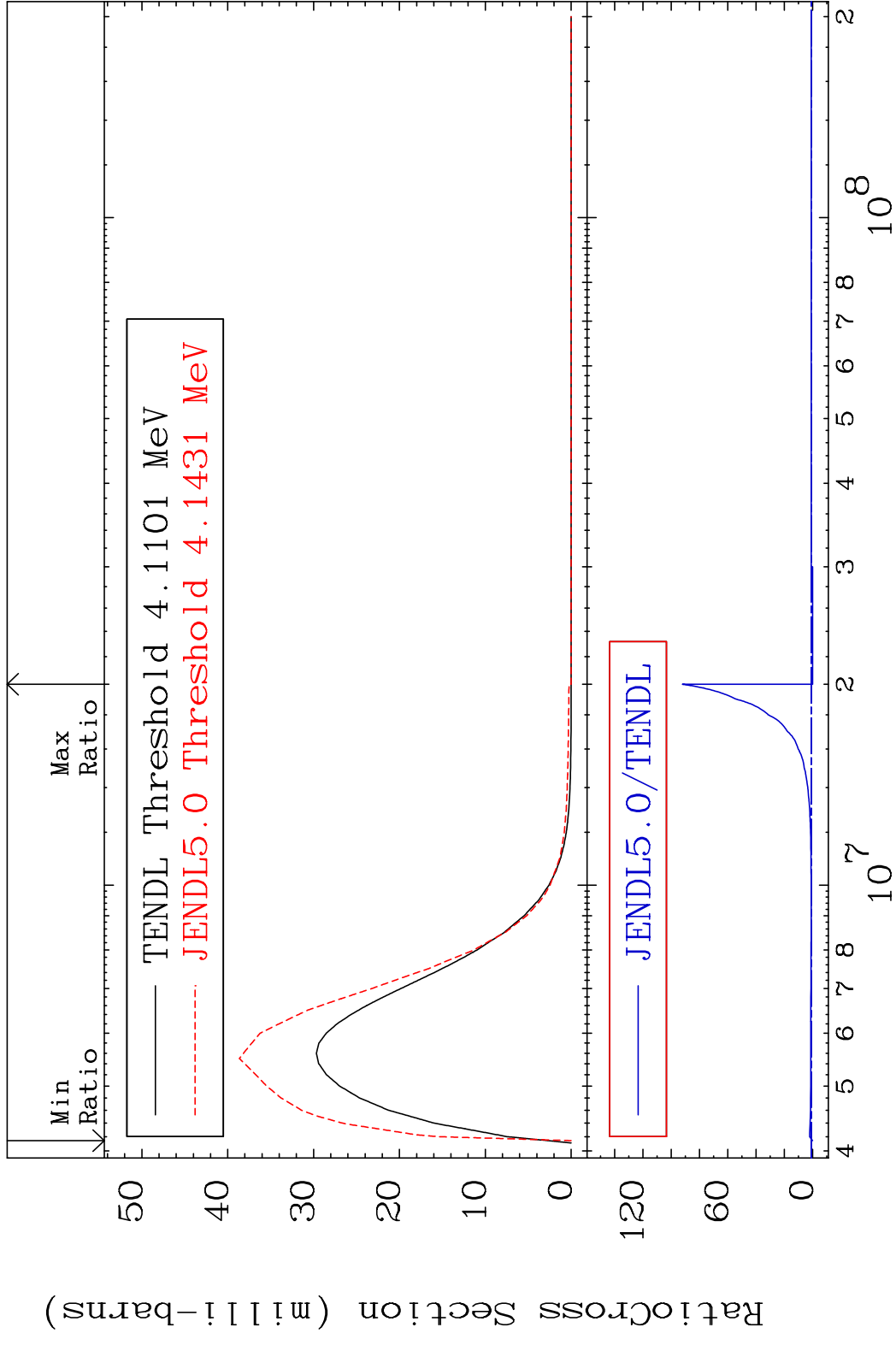


MAT 1843 MT= 61 (n, n') Level 18-Ar-42
 Cross Section -100.0 To 3.317 %

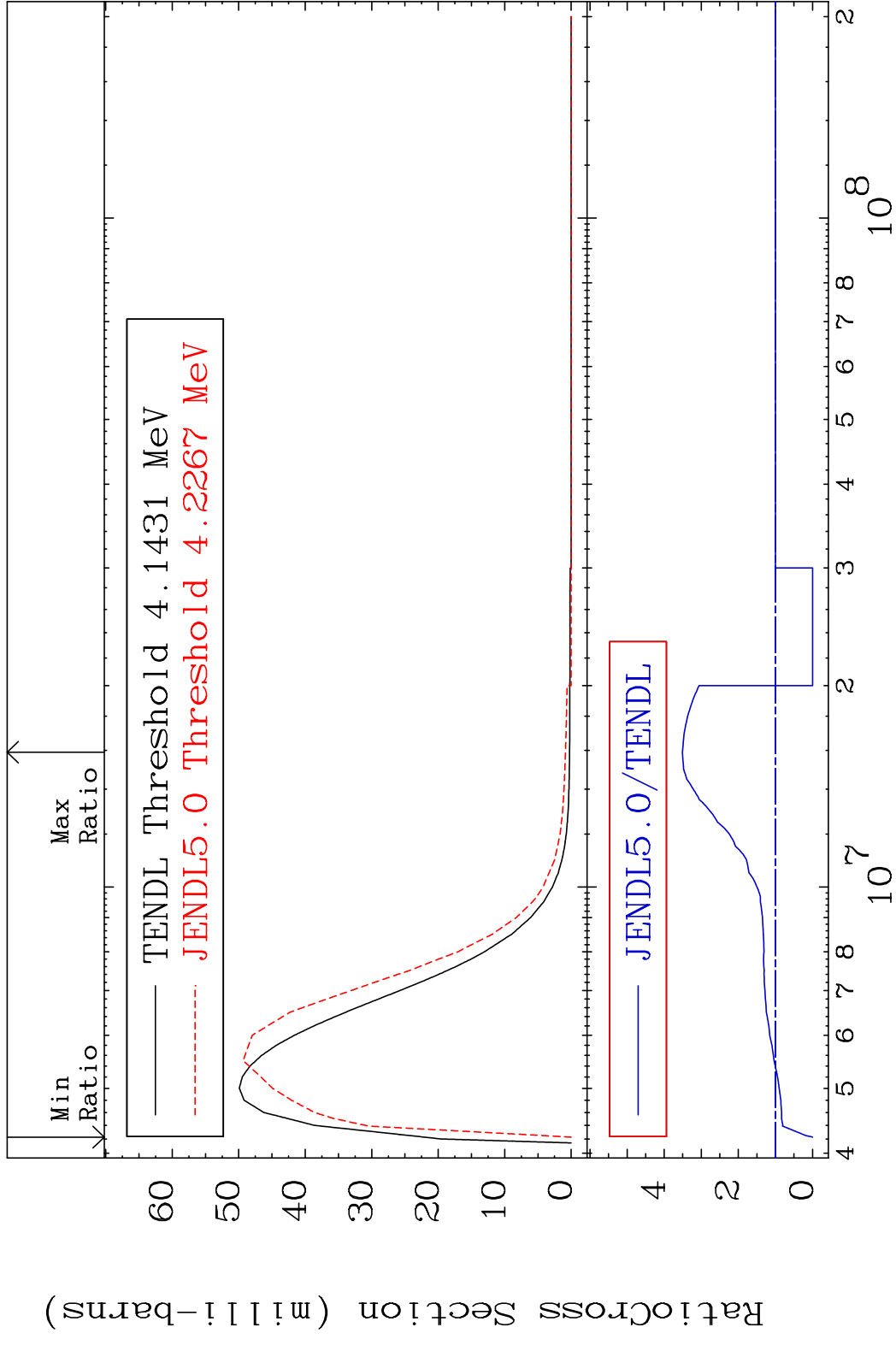


20 18-Ar-42

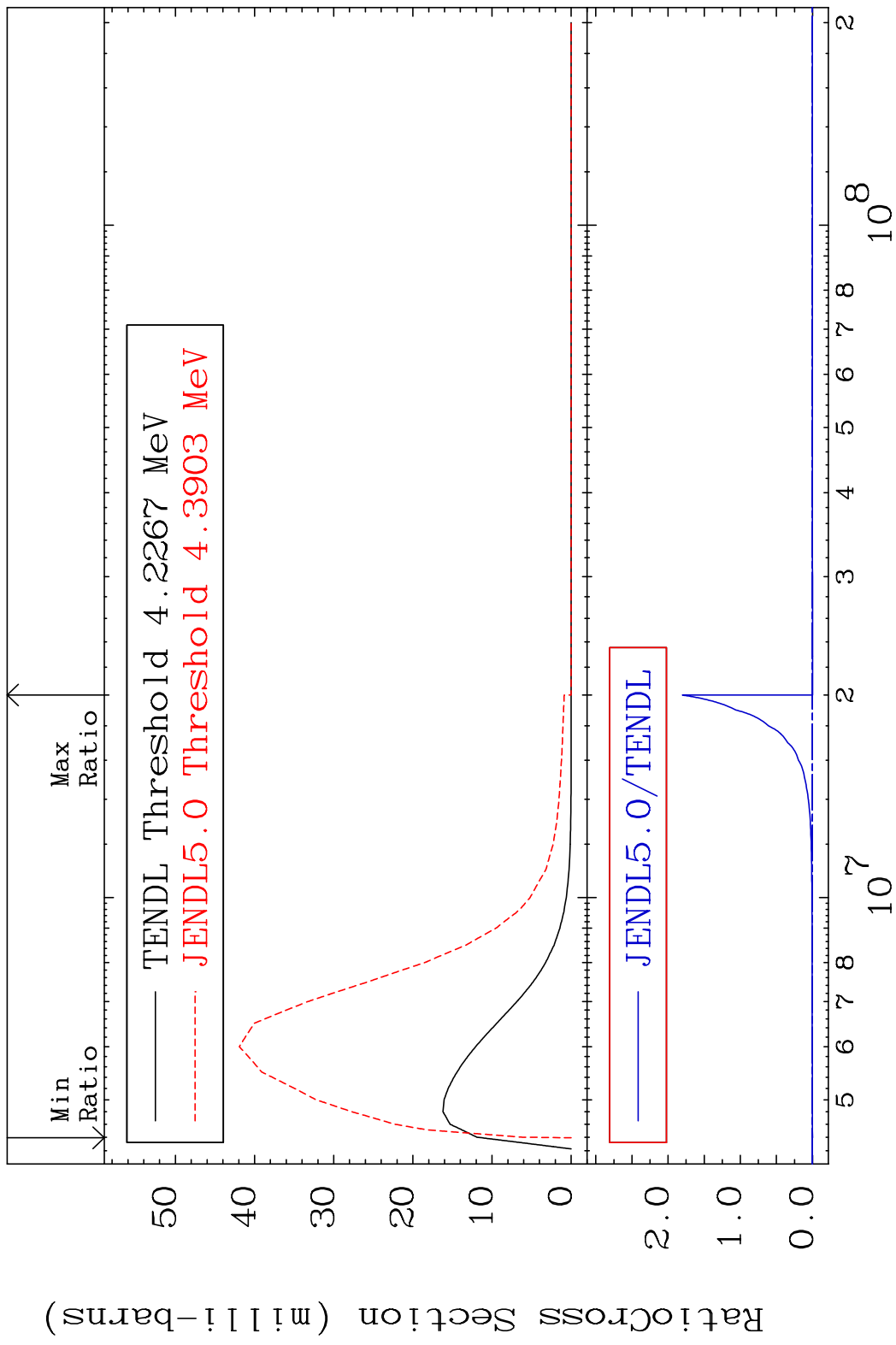
MAT 1843 MT= 62 (n,n') Level 18-Ar-42
 Cross Section -100.0 To 9113. %



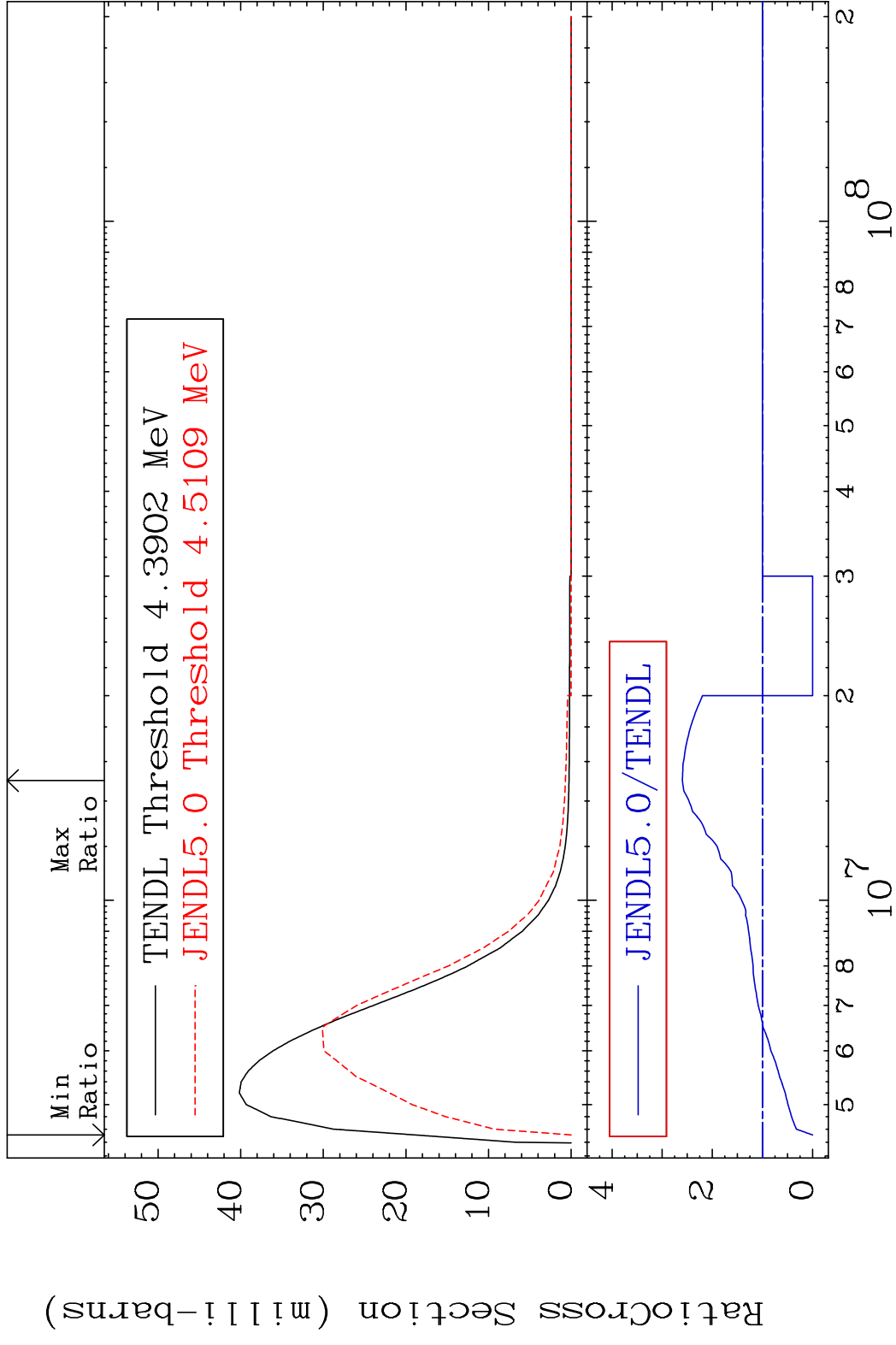
MAT 1843 MT= 63 (n, n') Level 18-Ar-42
 Cross Section -100.0 To 251.0 %



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 159.8 %

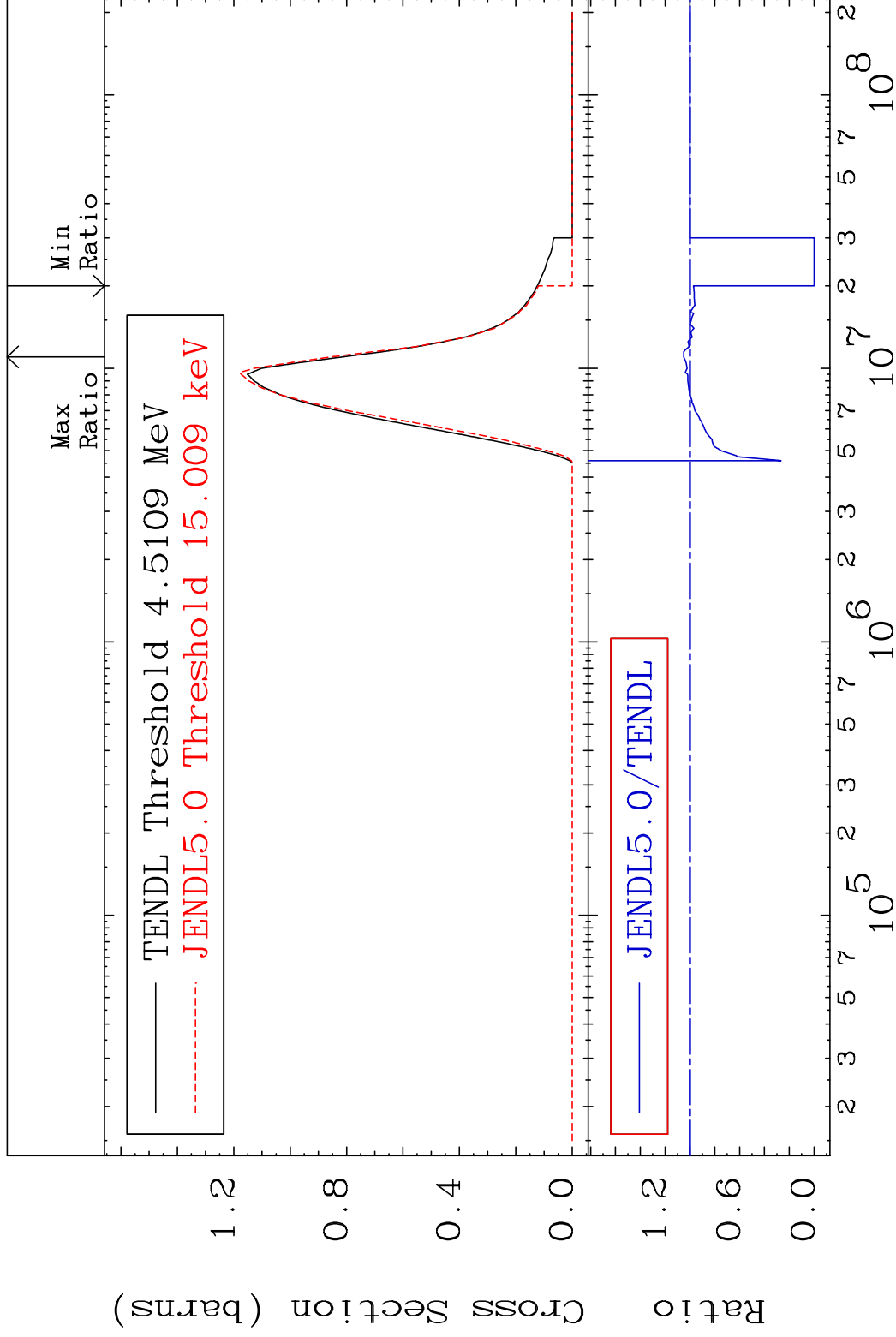


MAT 1843

(n,n') Continuum

18-Ar-42

Cross Section -100.0 To 5.086 %



25

Incident Energy (eV)

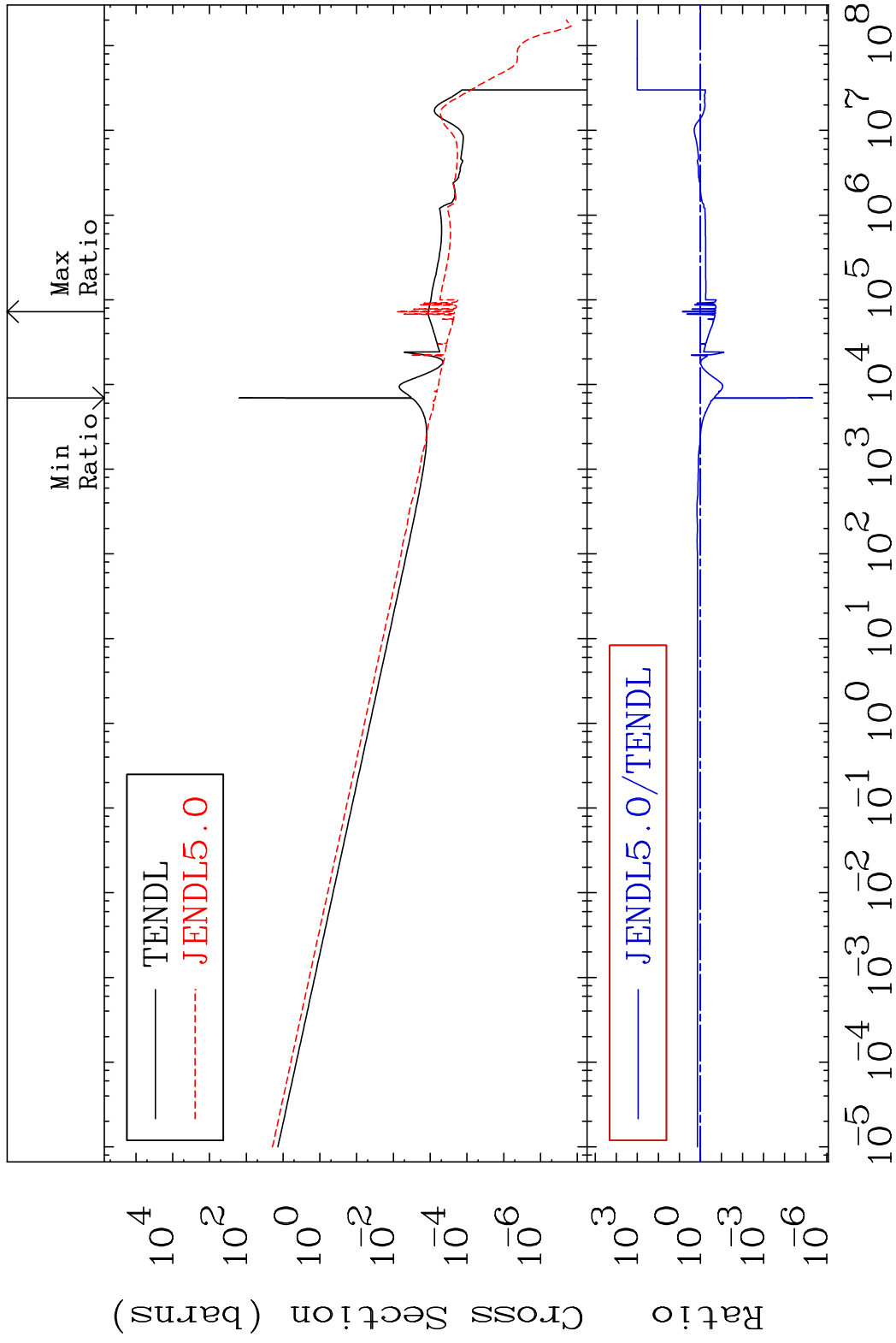
18-Ar-42

MAT 1843

(n, γ)

18-Ar-42

Cross Section -100.0 To 623.3 %

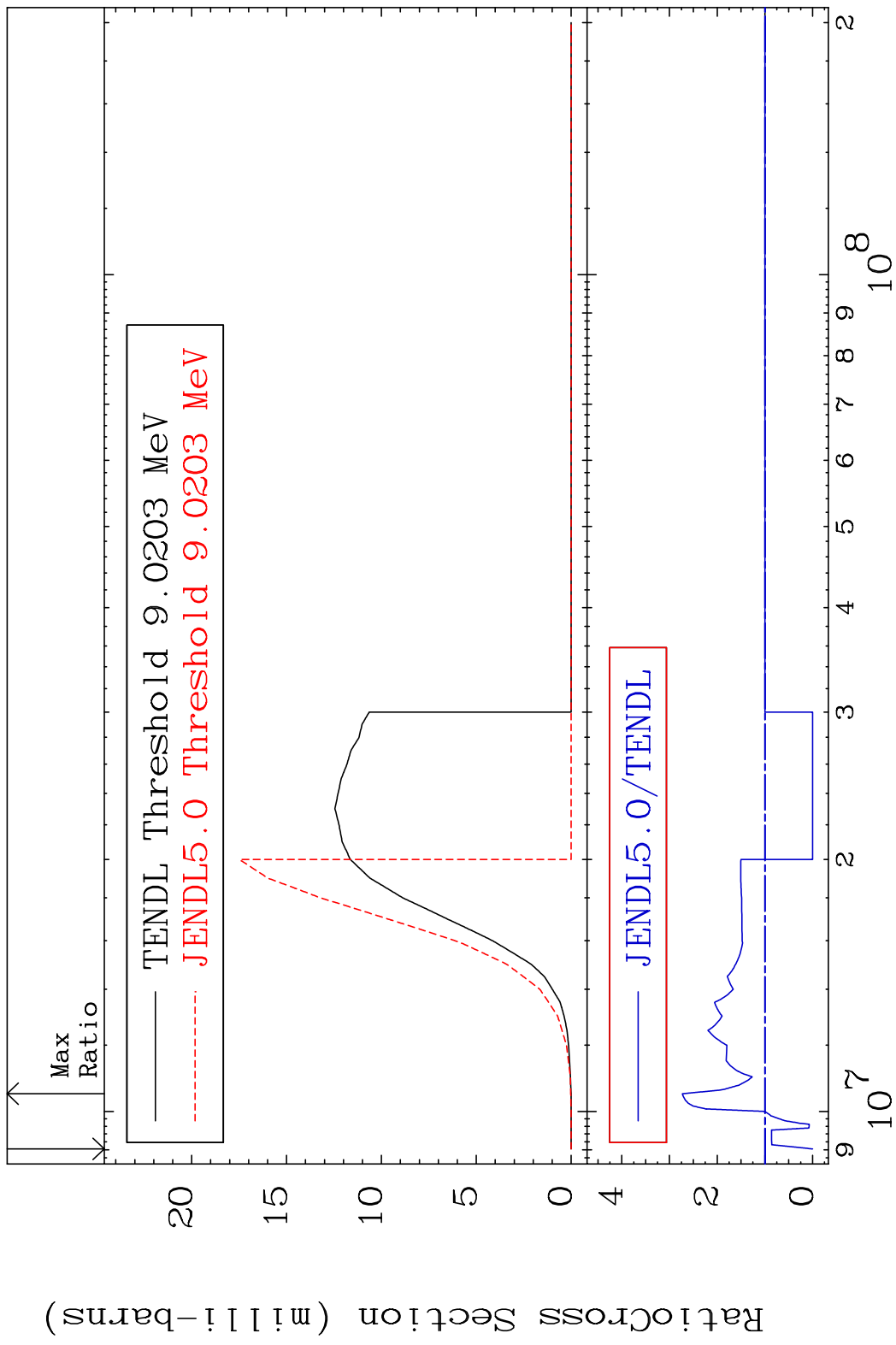


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Incident Energy (eV)

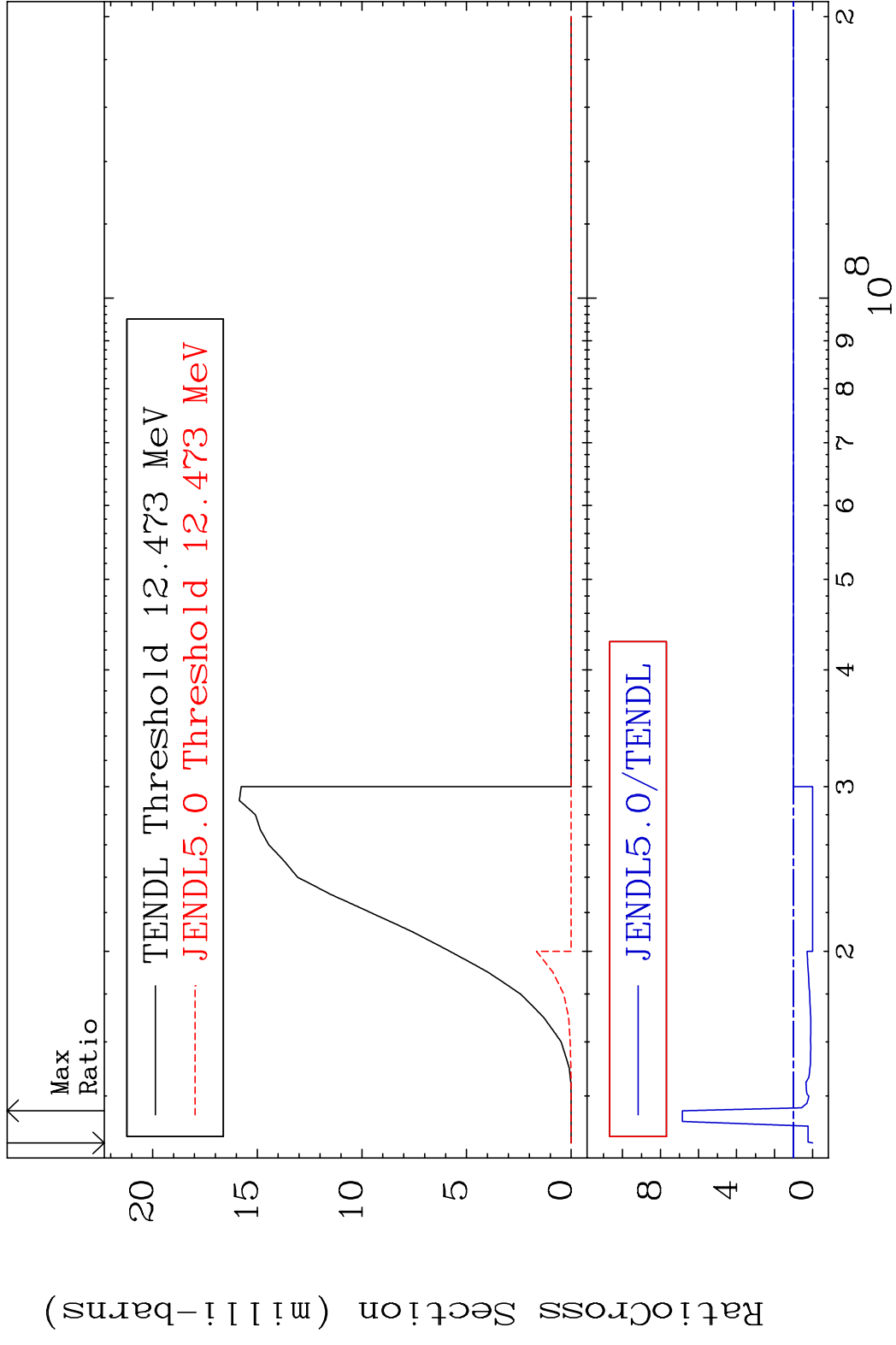
18-Ar-42

MAT 1843 (n,p) 18-Ar-42
 Cross Section -100.0 To 173.0 %

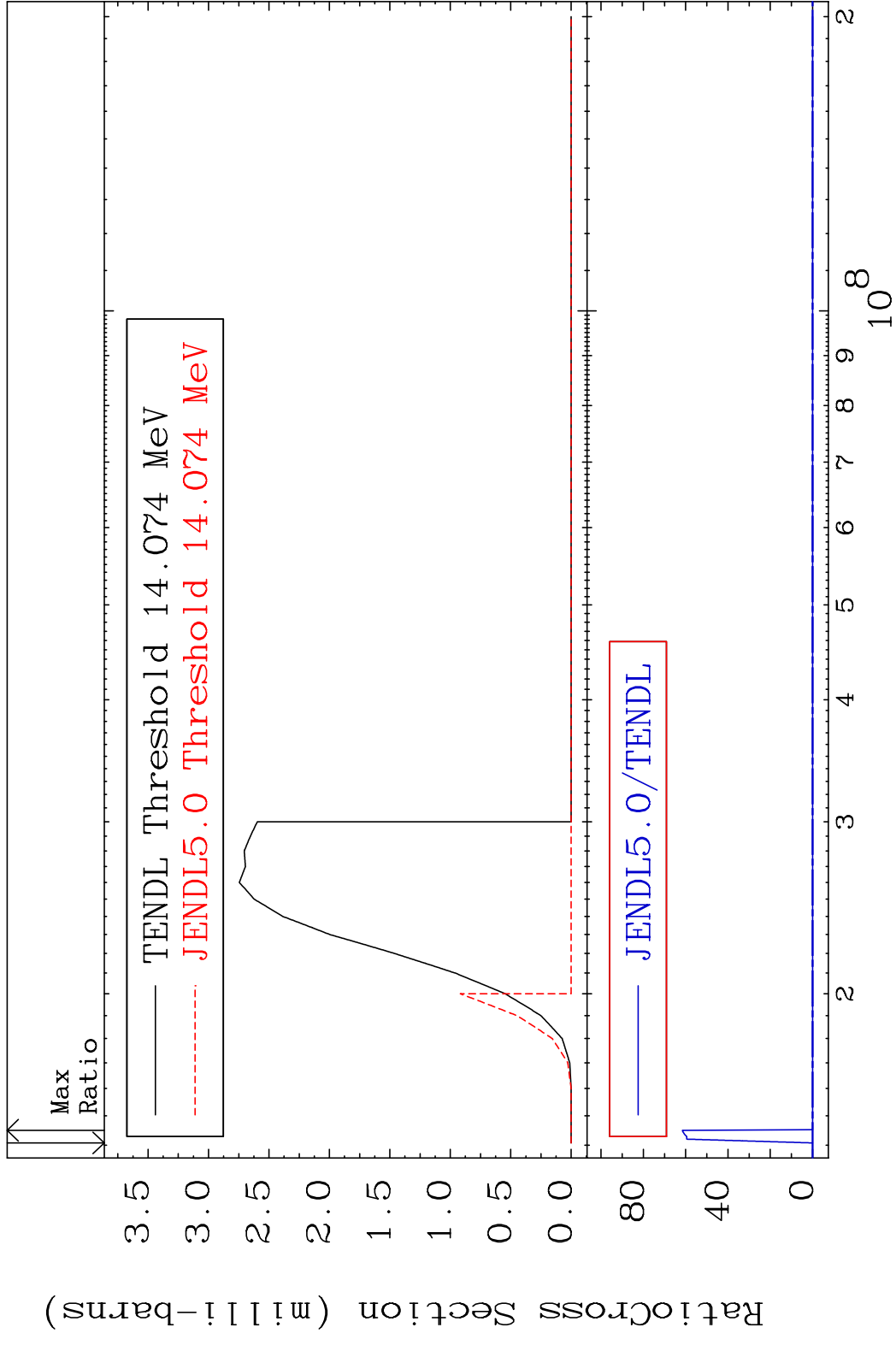


27 18-Ar-42

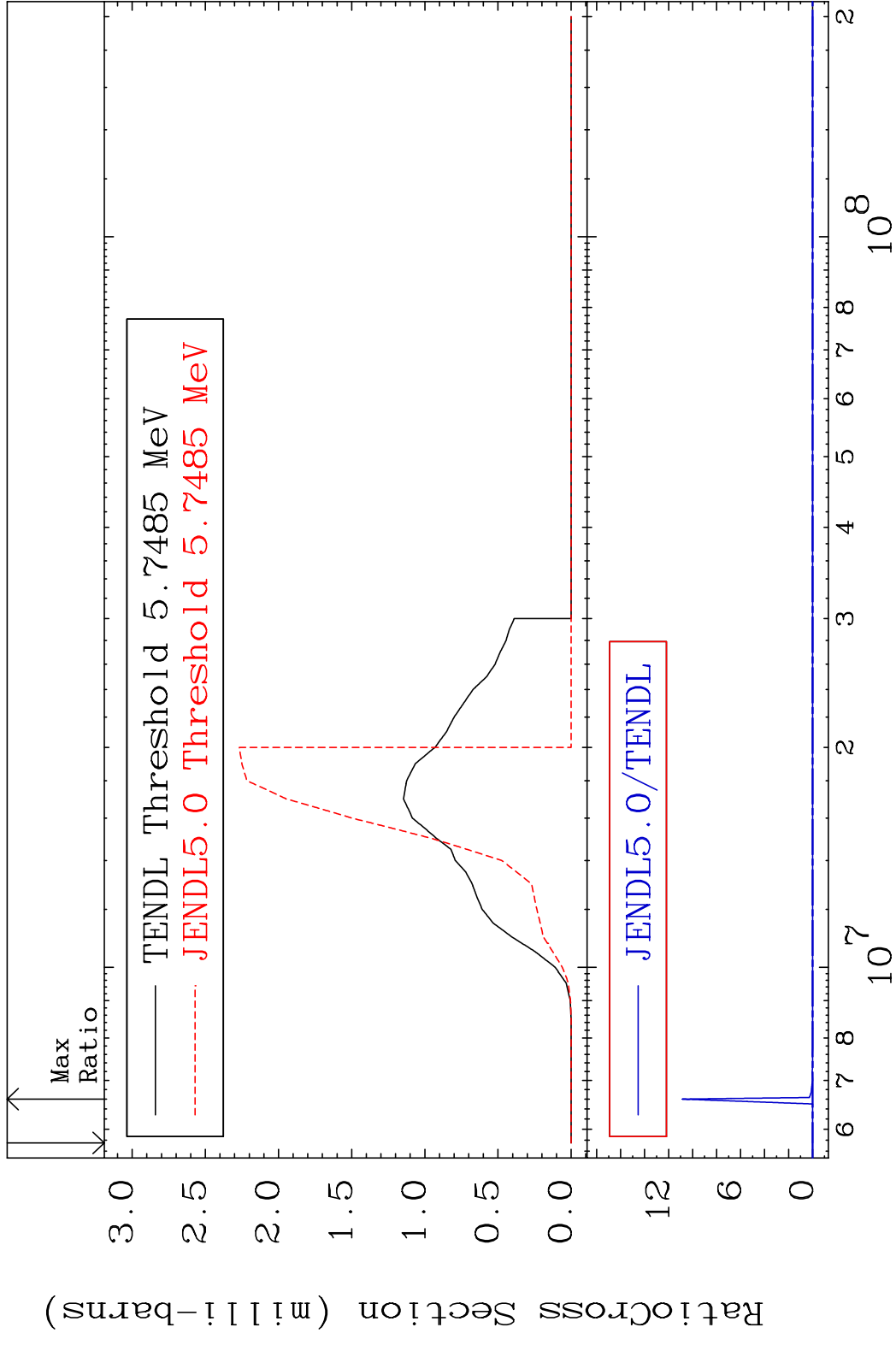
MAT 1843 (n,d) 18-Ar-42
 Cross Section -100.0 To 585.0 %



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

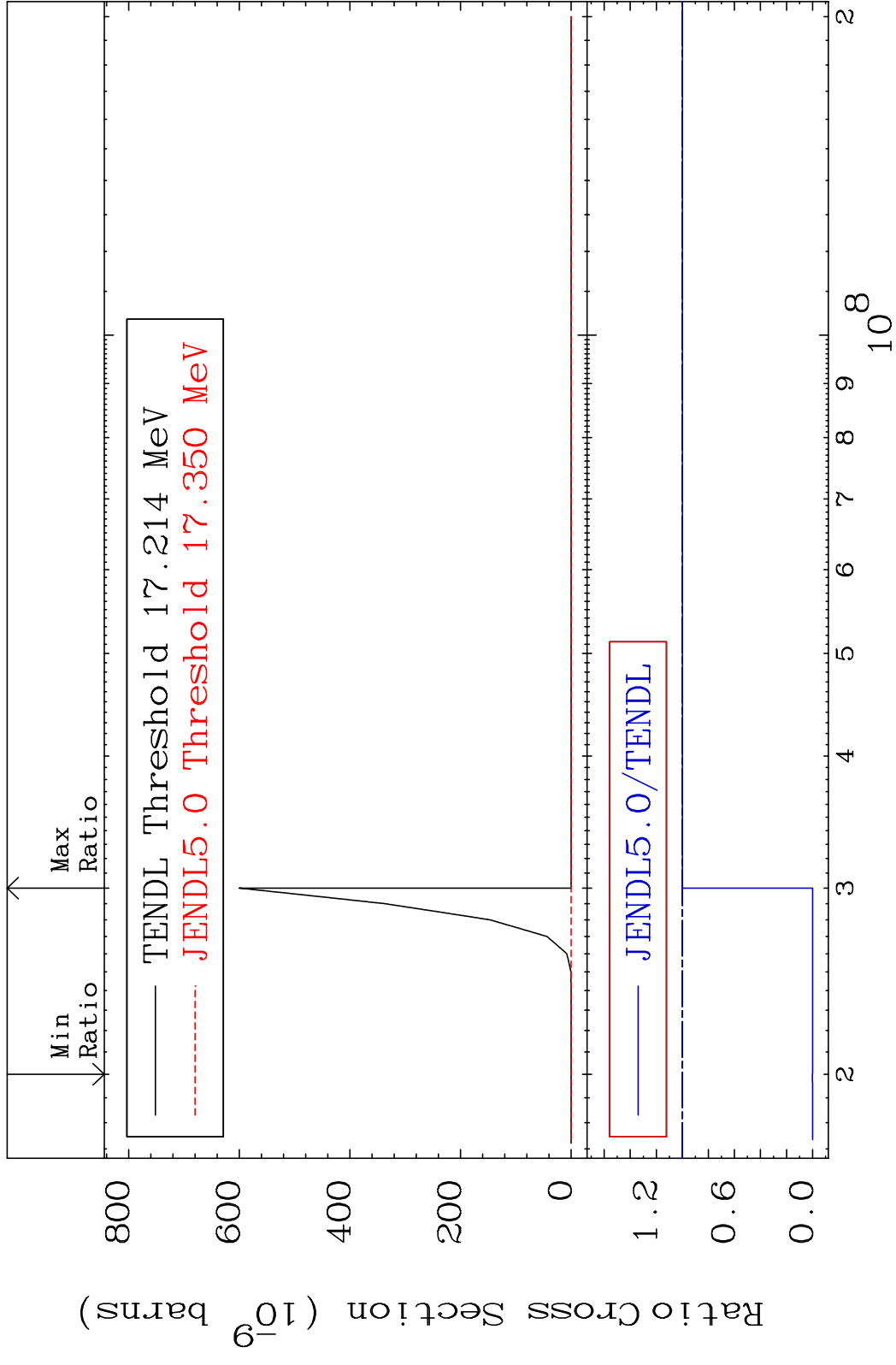


MAT 1843 (n, α) 18-Ar-42
 Cross Section -100.0 To 9999. %

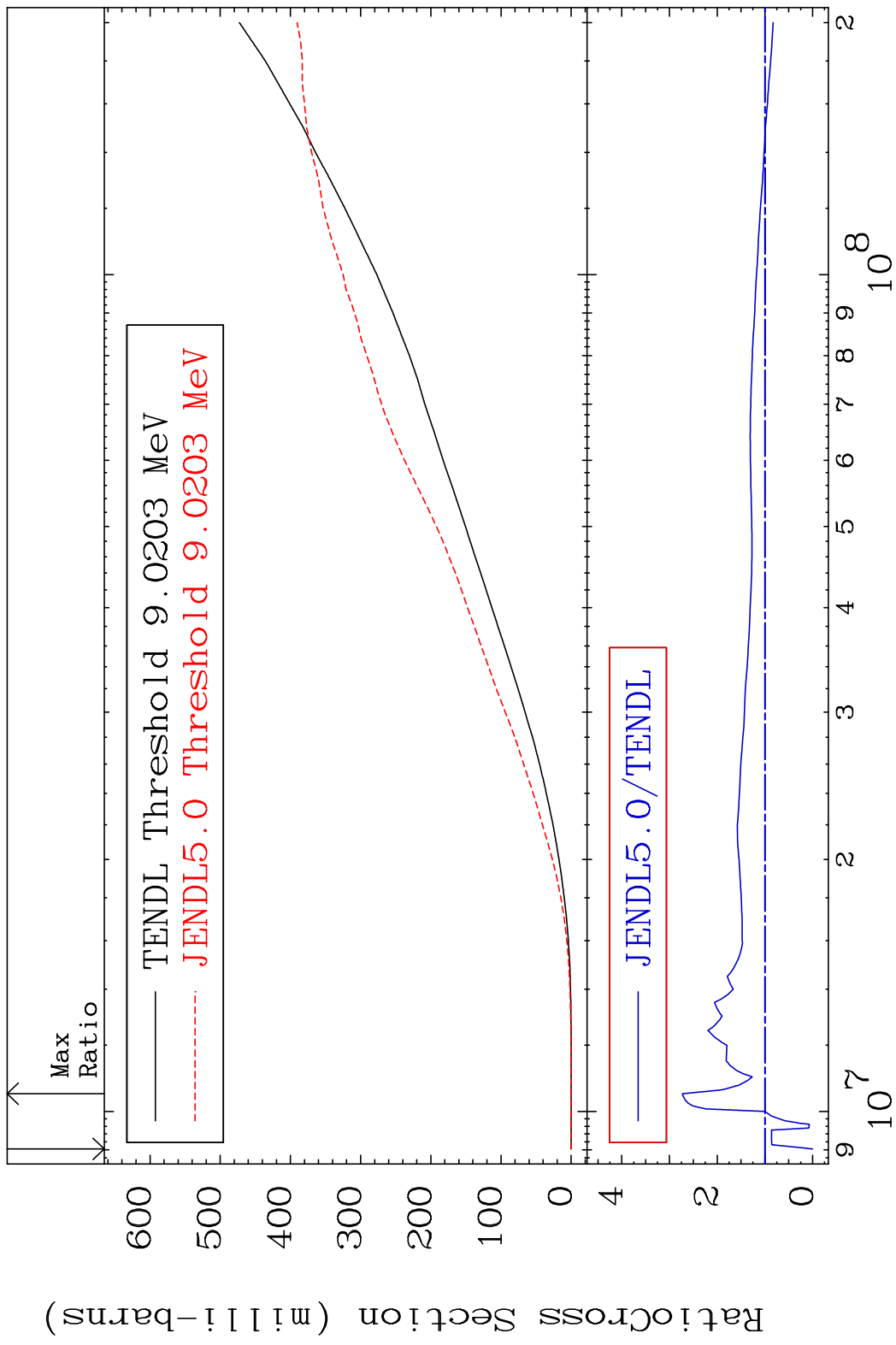


30 Incident Energy (eV) 18-Ar-42

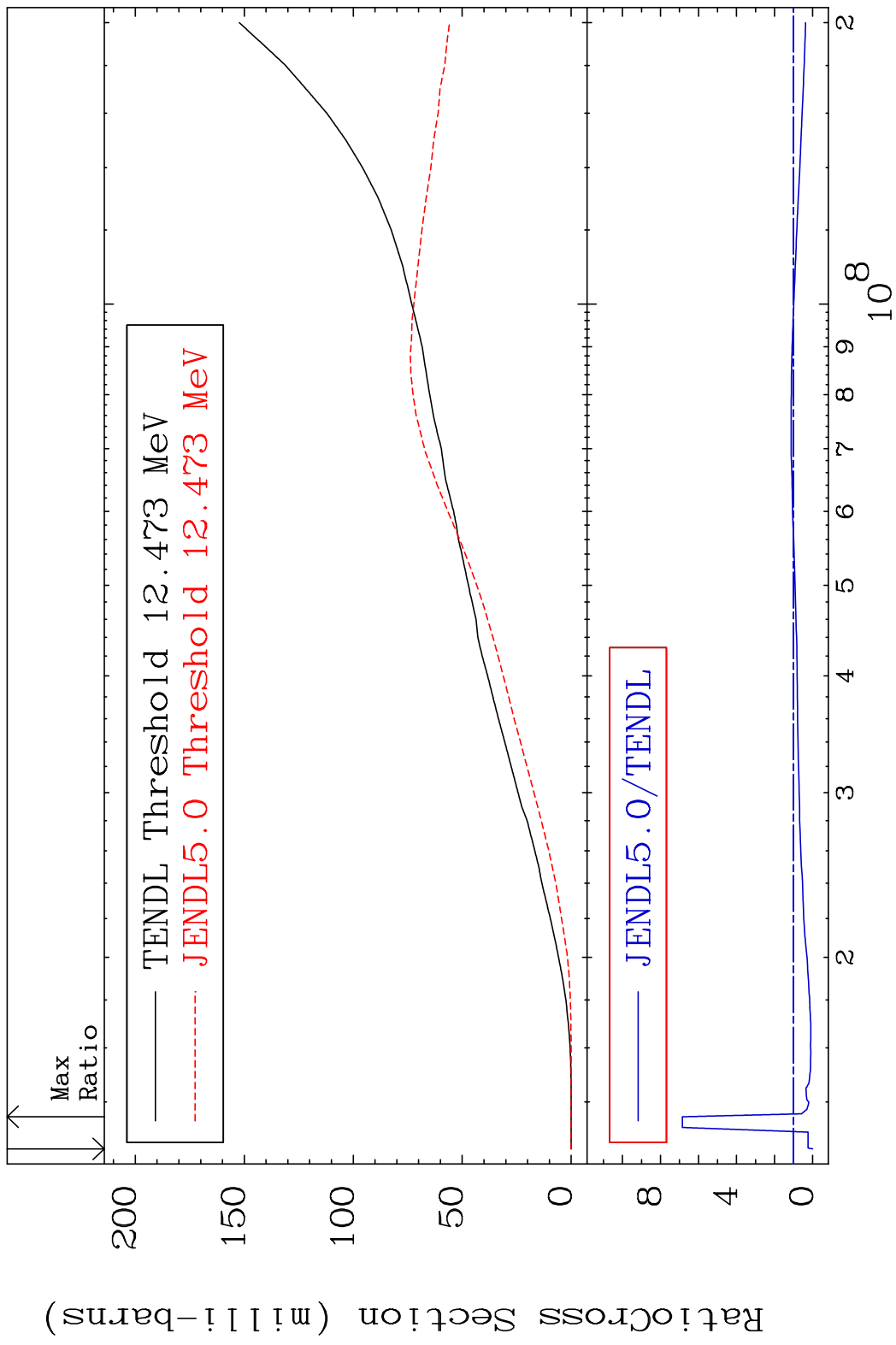
MAT 1843 (n,2α) 18-Ar-42
 Cross Section -100.0 To 0.000 %



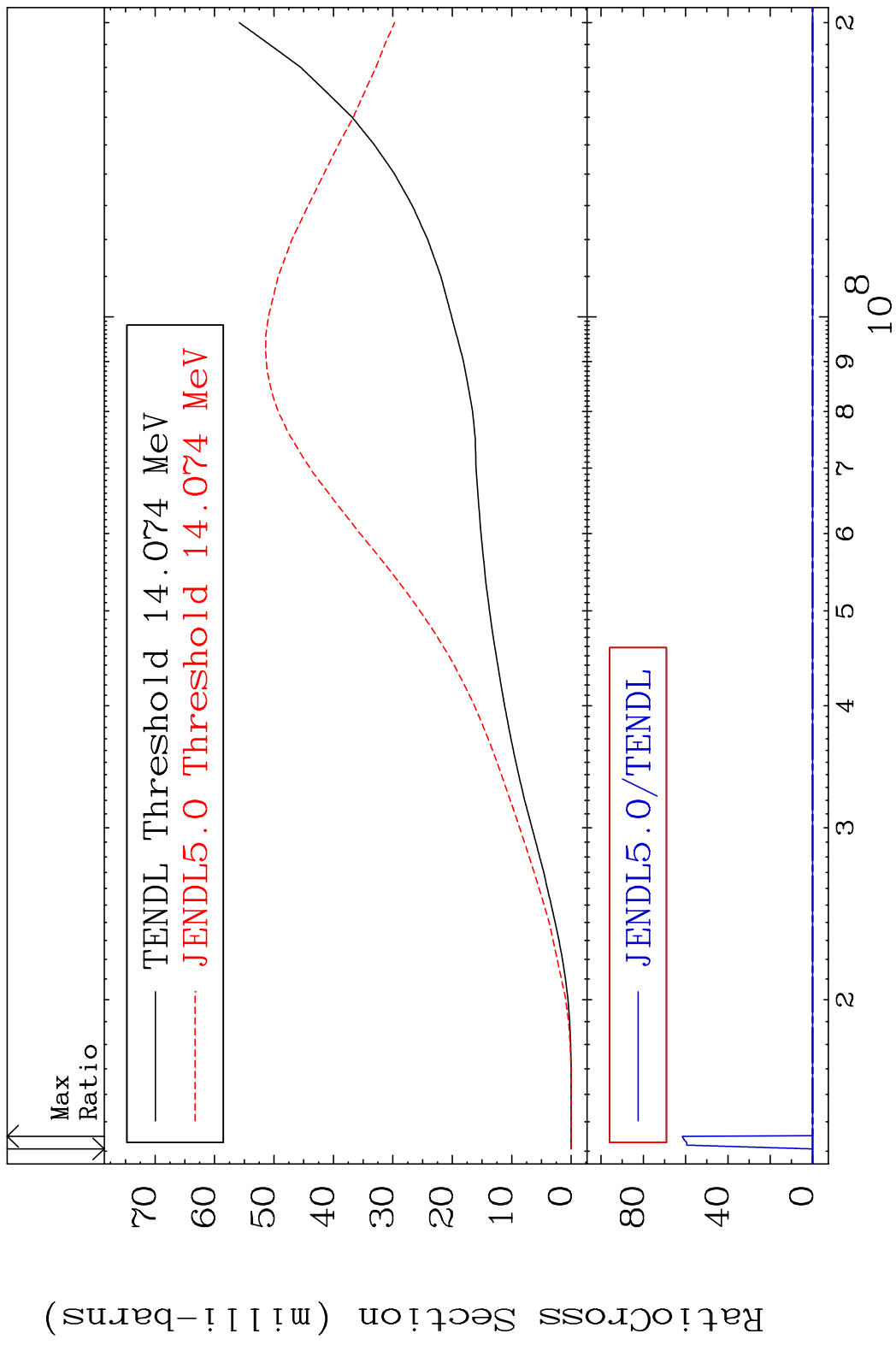
MAT 1843 Hydrogen Production 18-Ar-42
 Cross Section -100.0 To 173.0 %



MAT 1843 Deuterium Production 18-Ar-42
 Cross Section -100.0 To 585.0 %



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

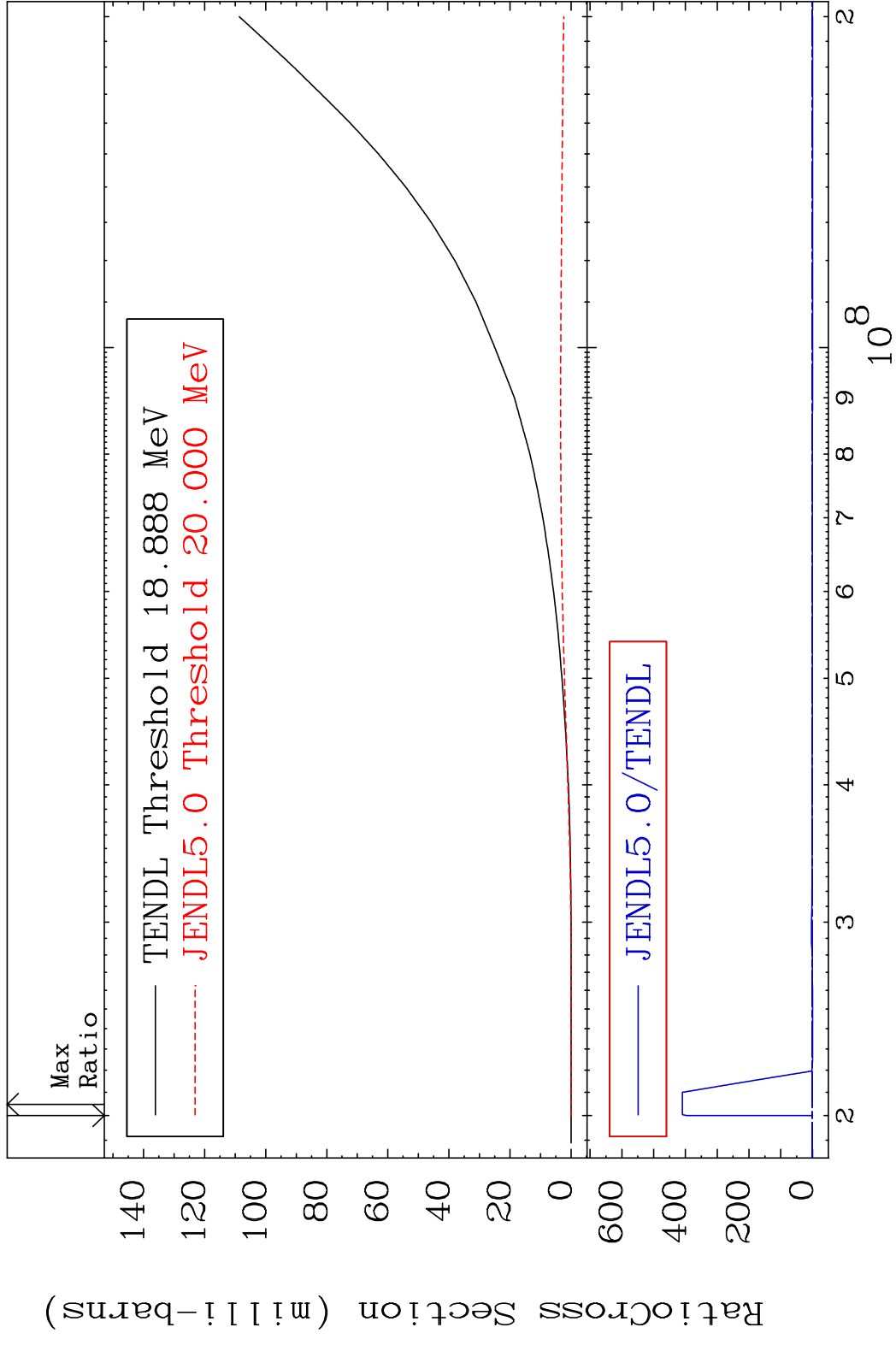


MAT 1843

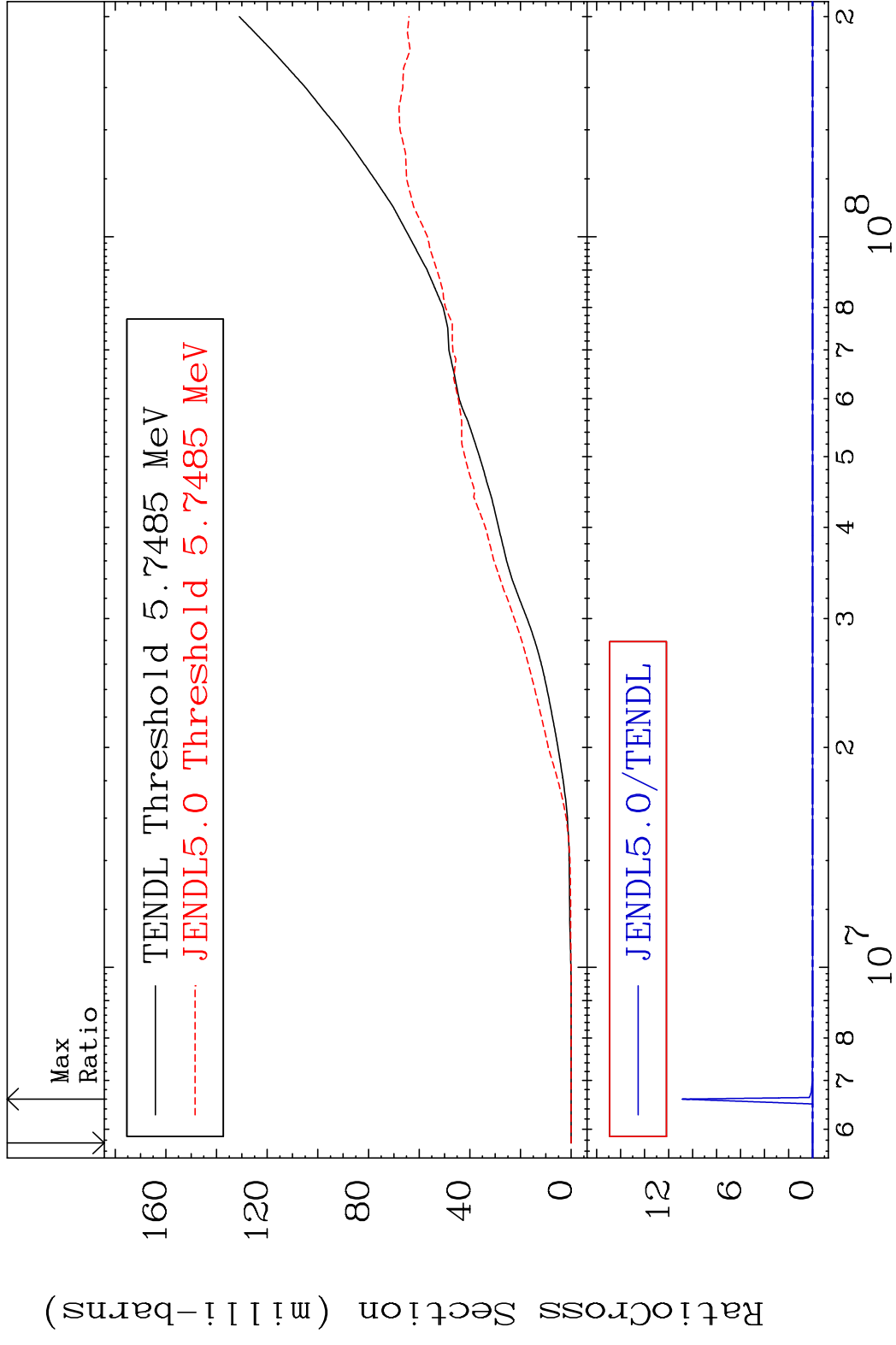
He-3 Production

18-Ar-42

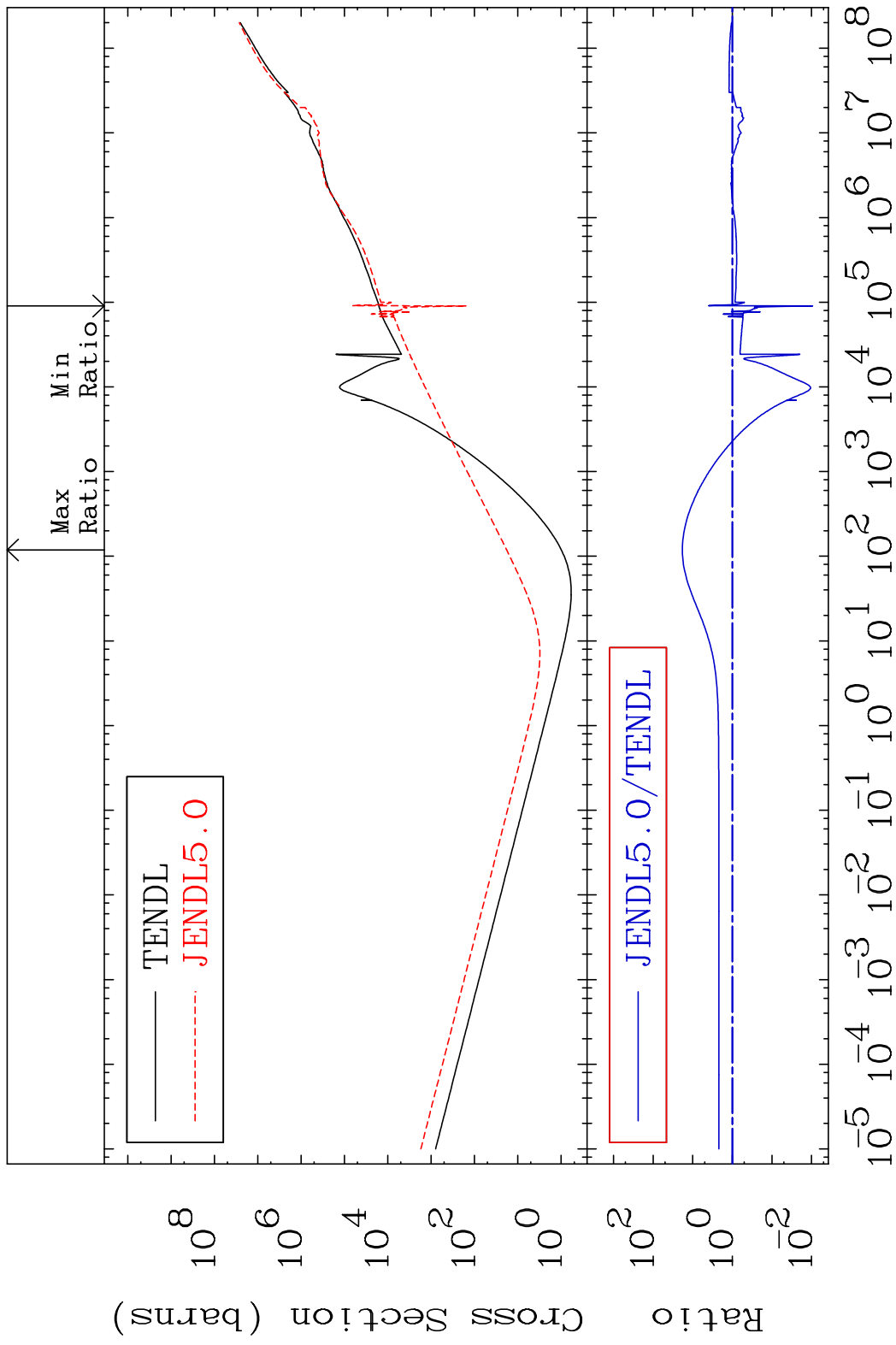
Cross Section -100.0 To 9999. %



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

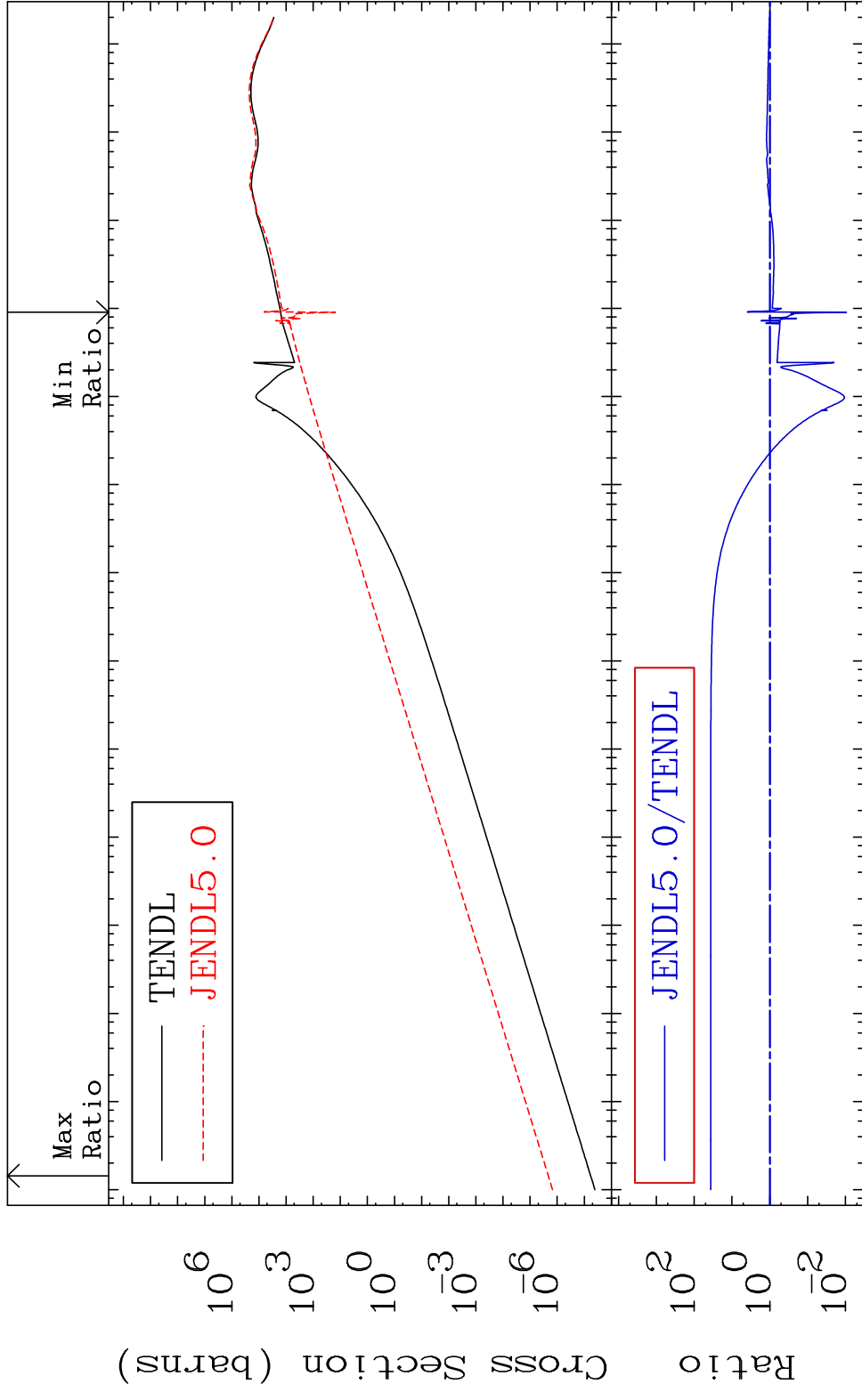


MAT 1843 Kerma total (eV-barns) 18-Ar-42
 Cross Section -99.06 To 1728. %

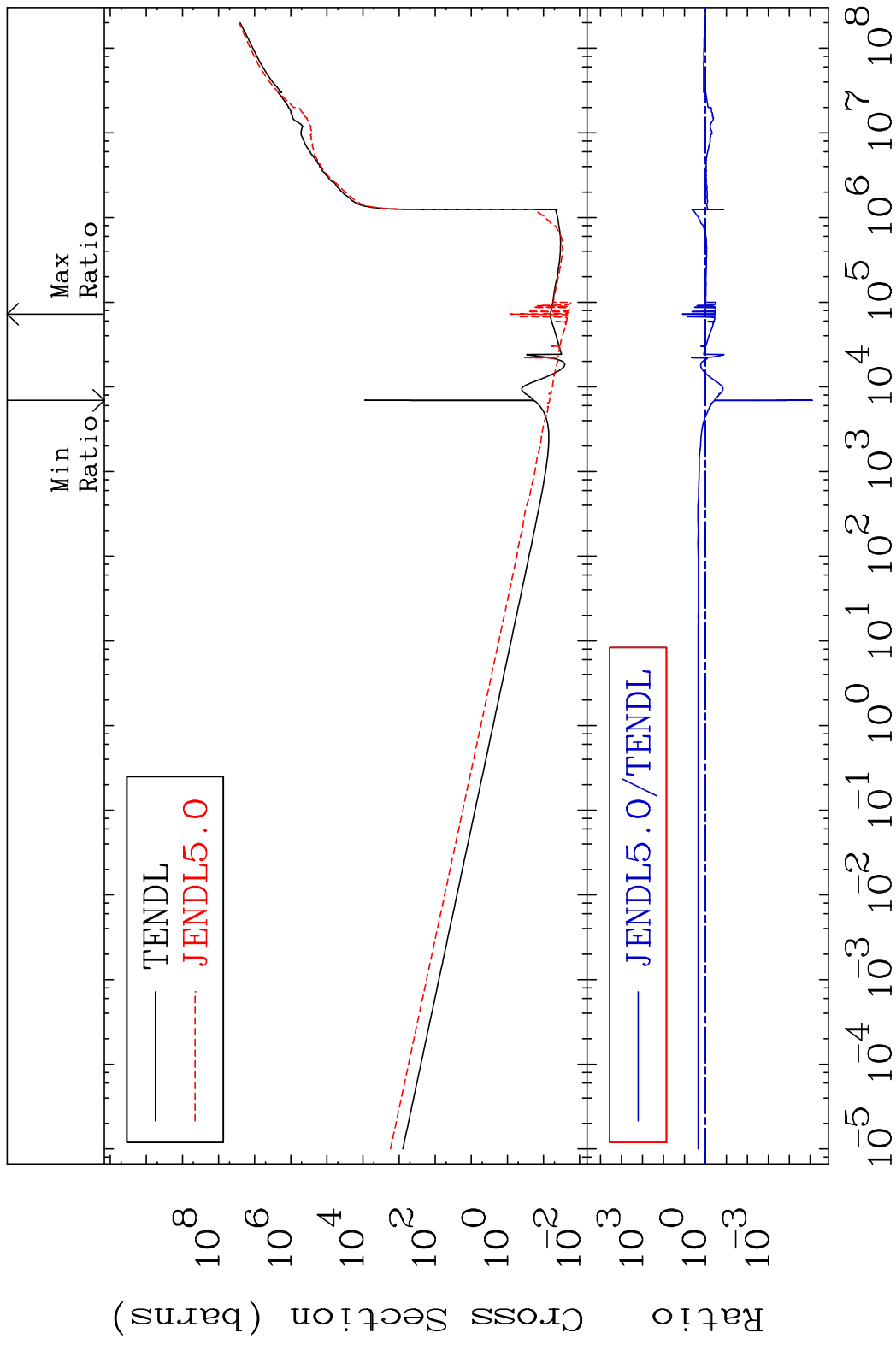


37 Incident Energy (eV) 18-Ar-42

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

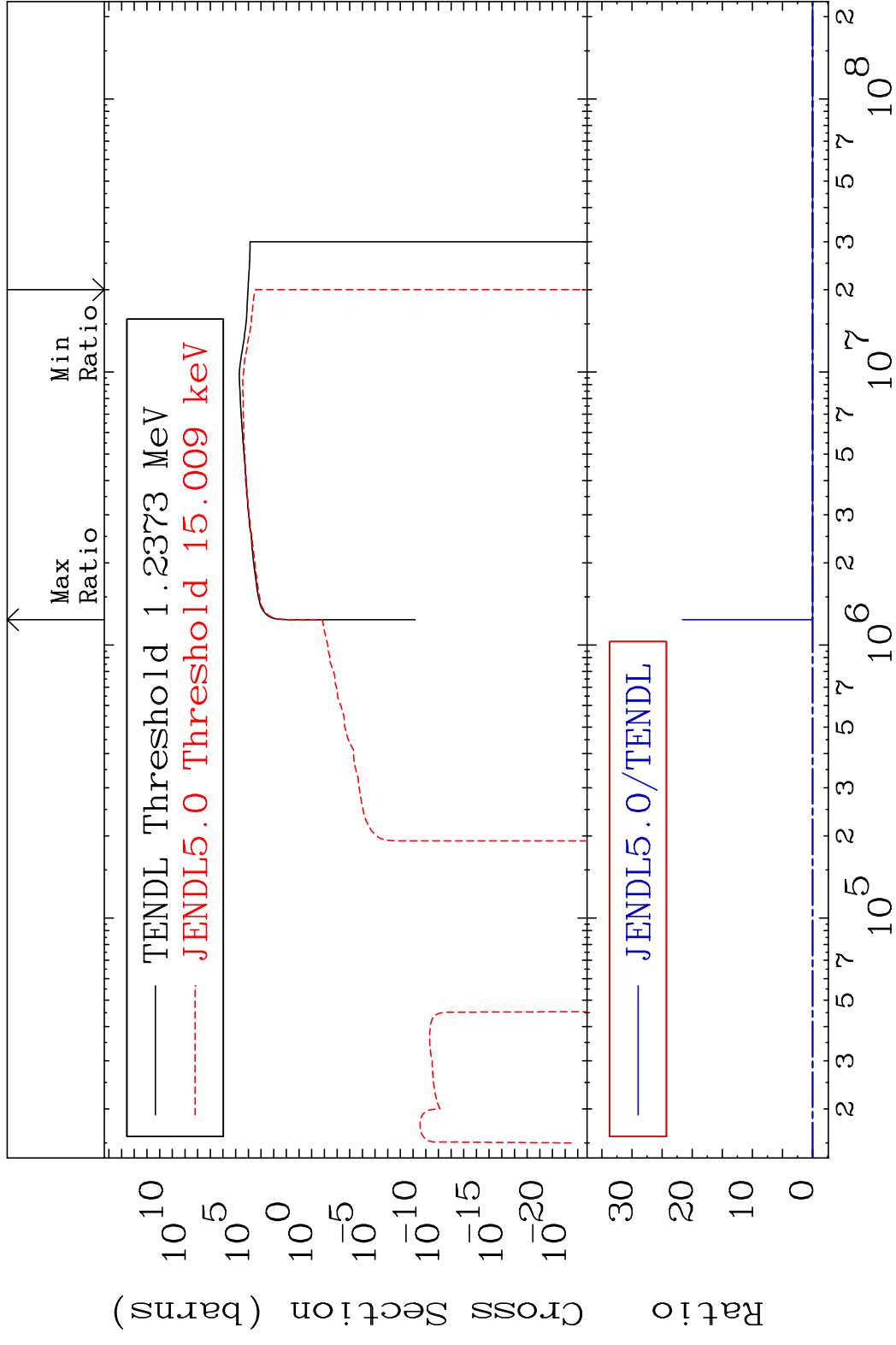


MAT 1843 Kerma non-elastic (all but mt2) 18-Ar-42
 Cross Section -100.0 To 1152. %



MAT 1843

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

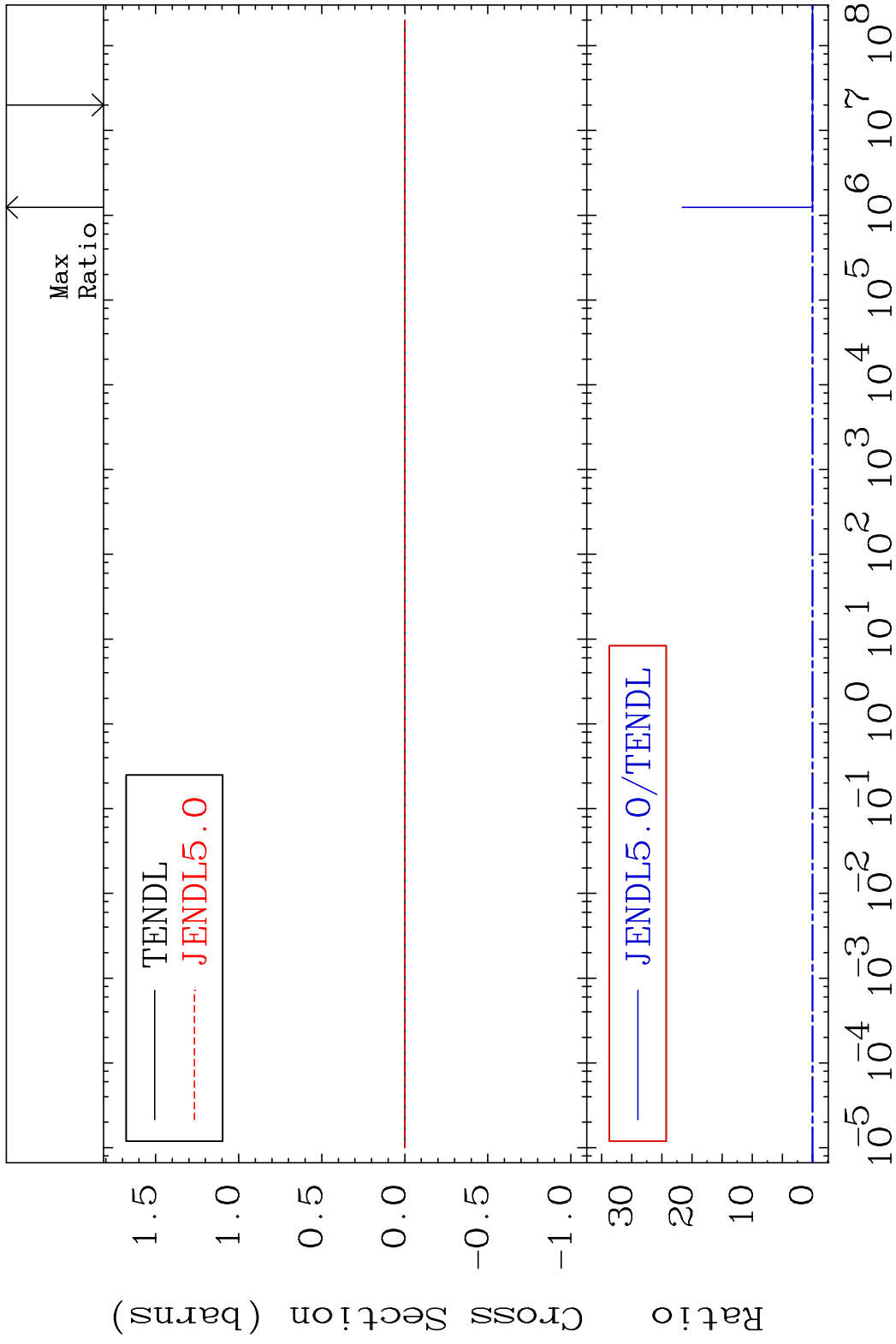


40

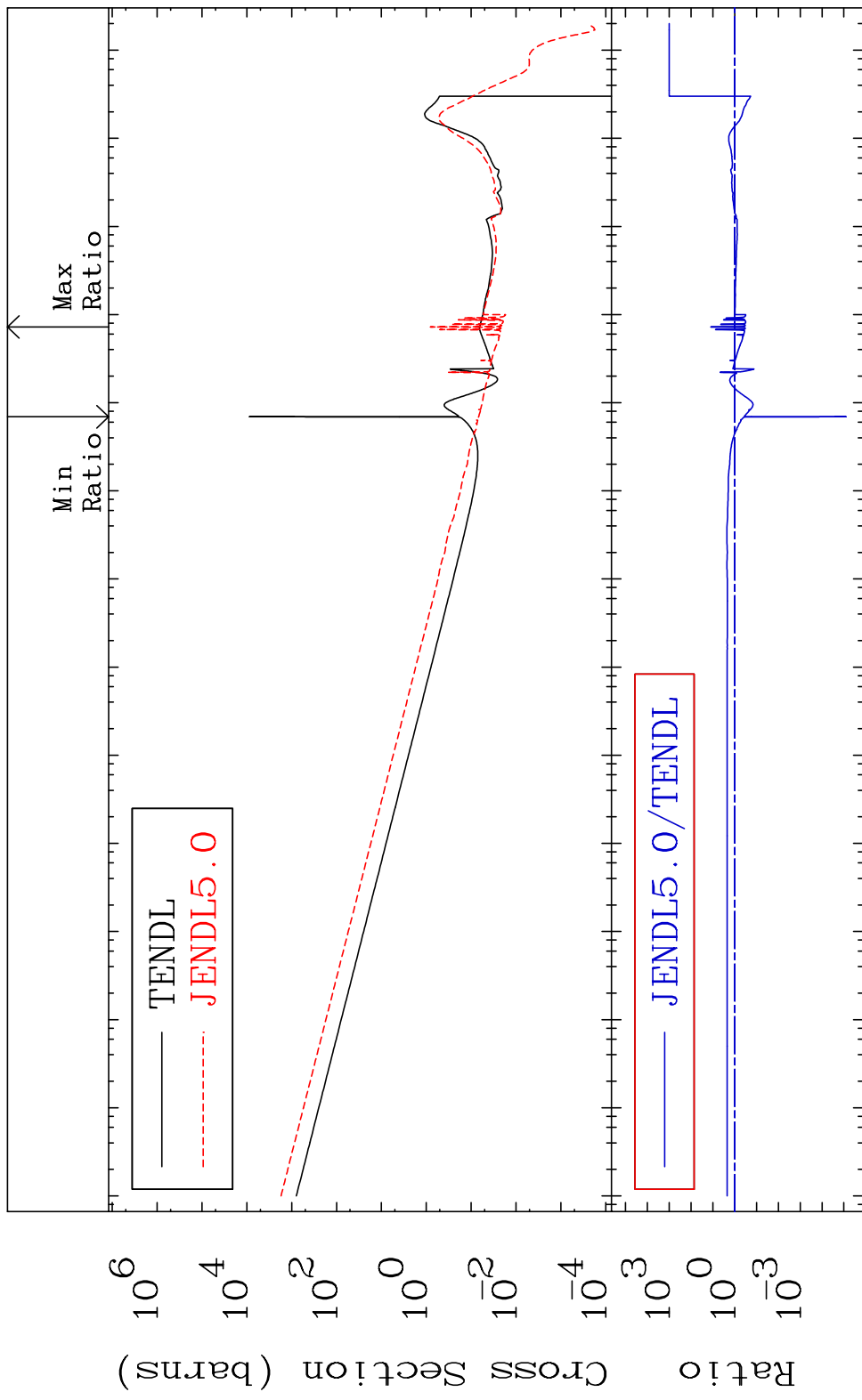
Incident Energy (eV)

18-Ar-42

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

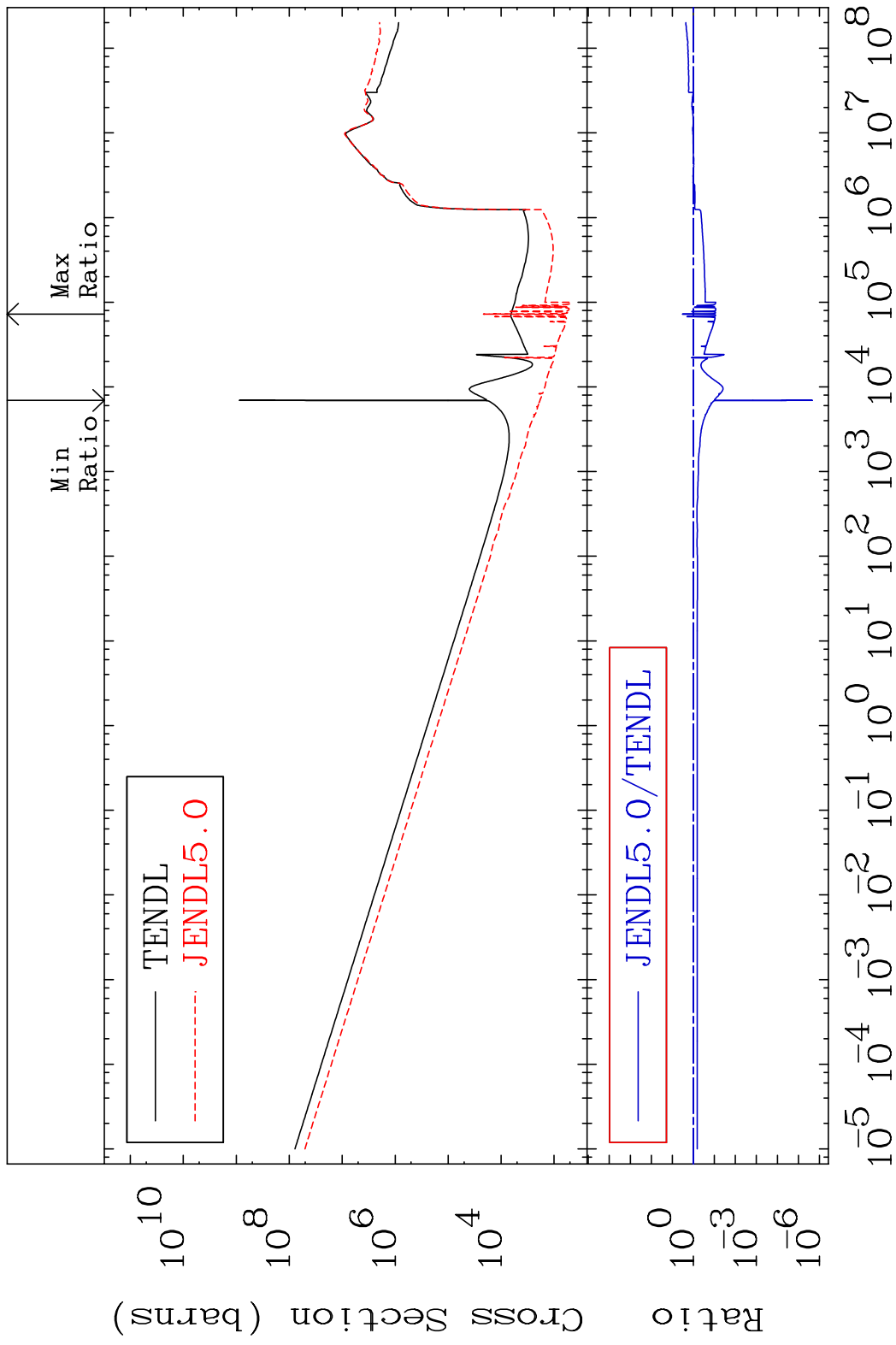


MAT 1843 Kerma capture (mt102) 18-Ar-42
 Cross Section -100.0 To 1152. %

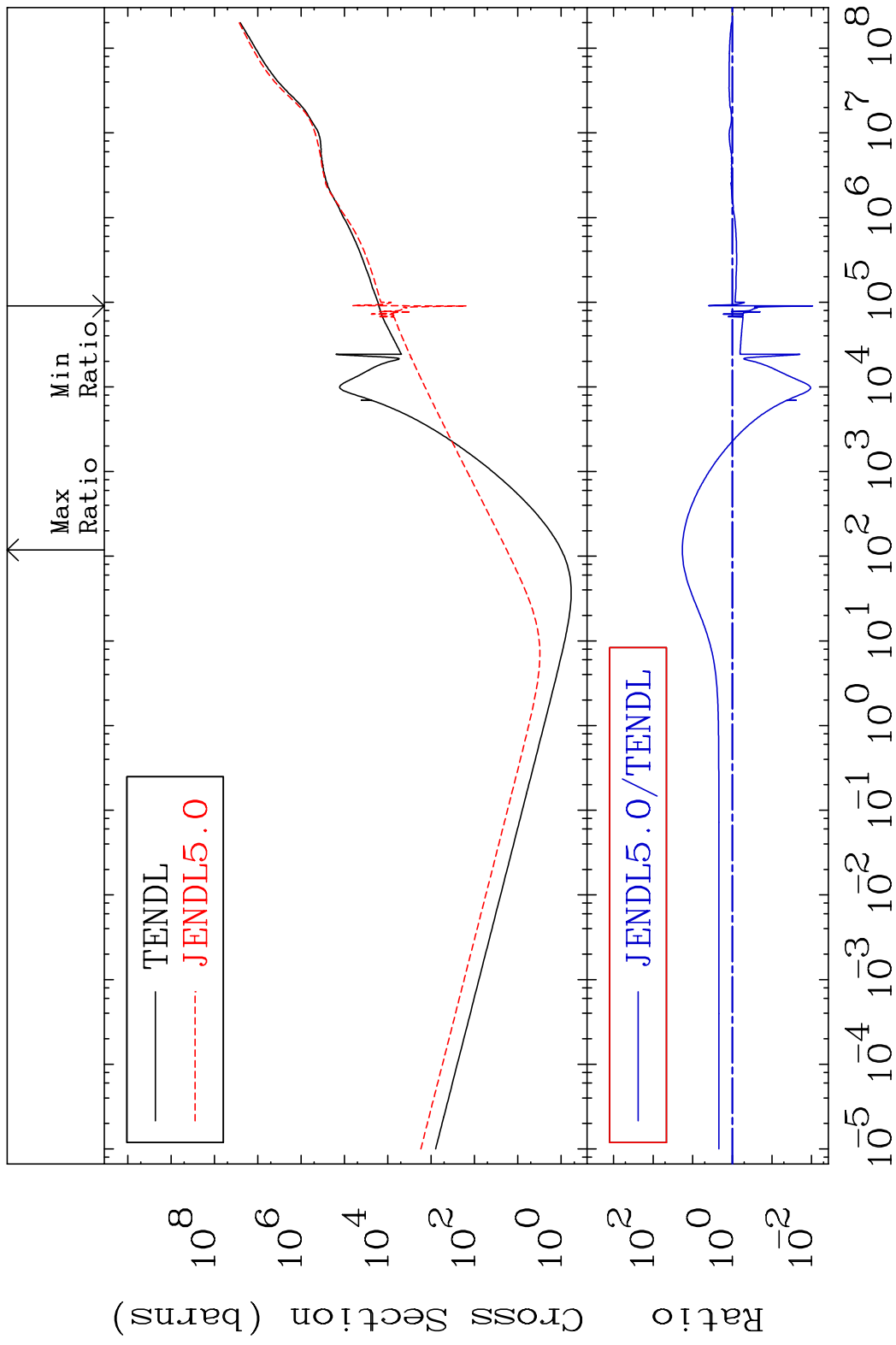


42 Incident Energy (eV) 18-Ar-42

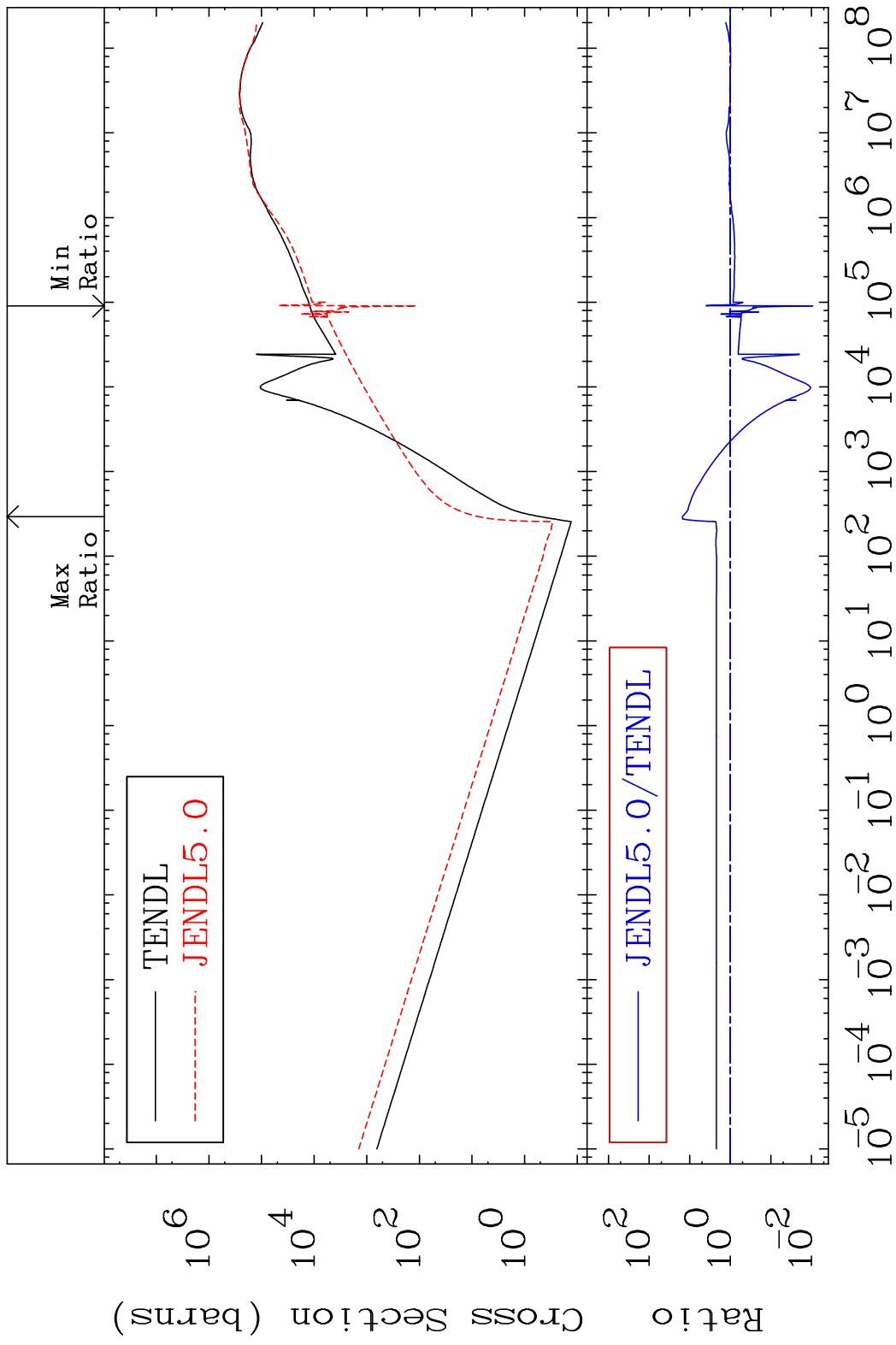
MAT 1843 Total photon (eV-barns) 18-Ar-42
 Cross Section -100.0 To 233.1 %



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. %



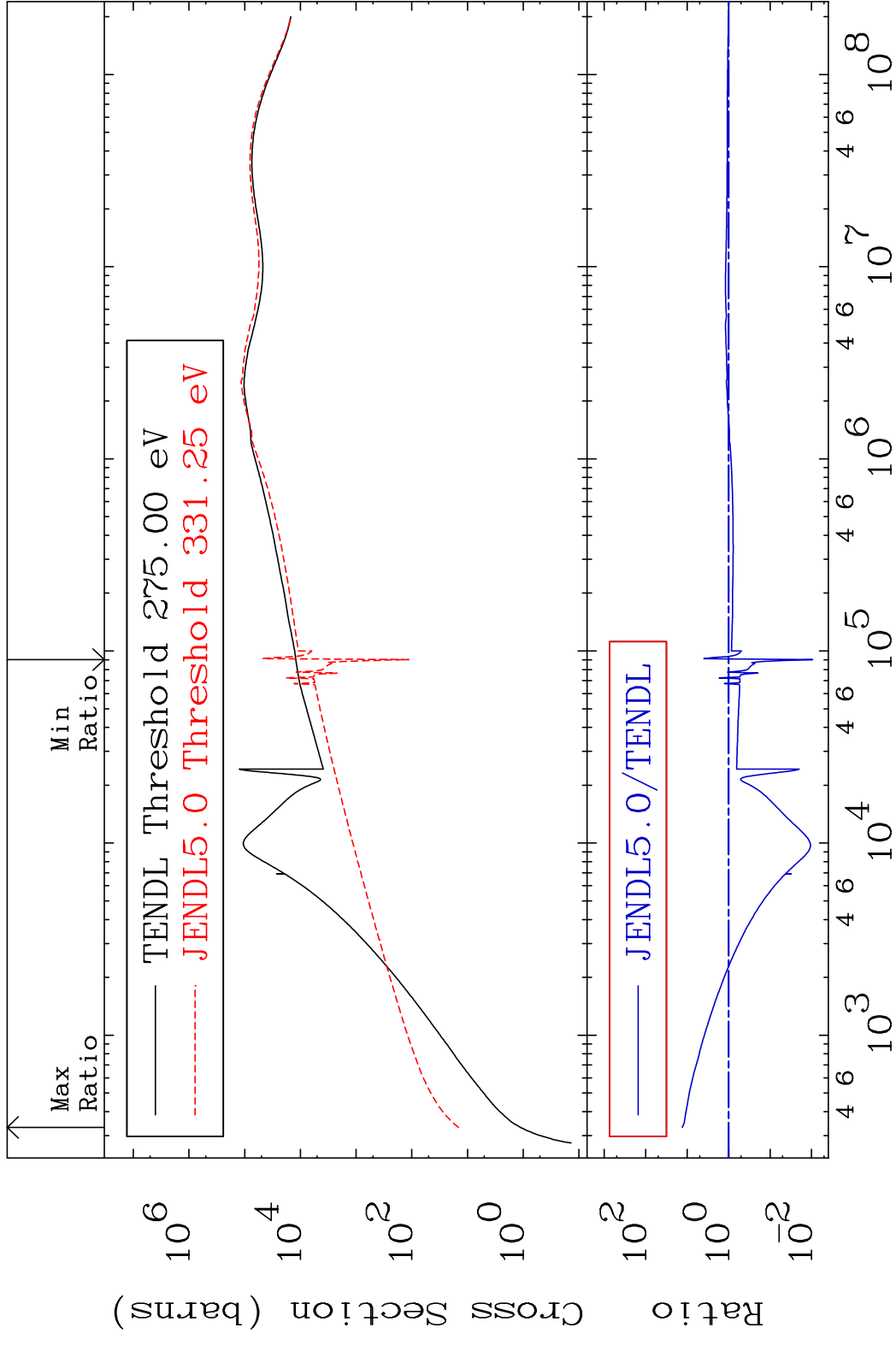
45 Incident Energy (eV) 18-Ar-42

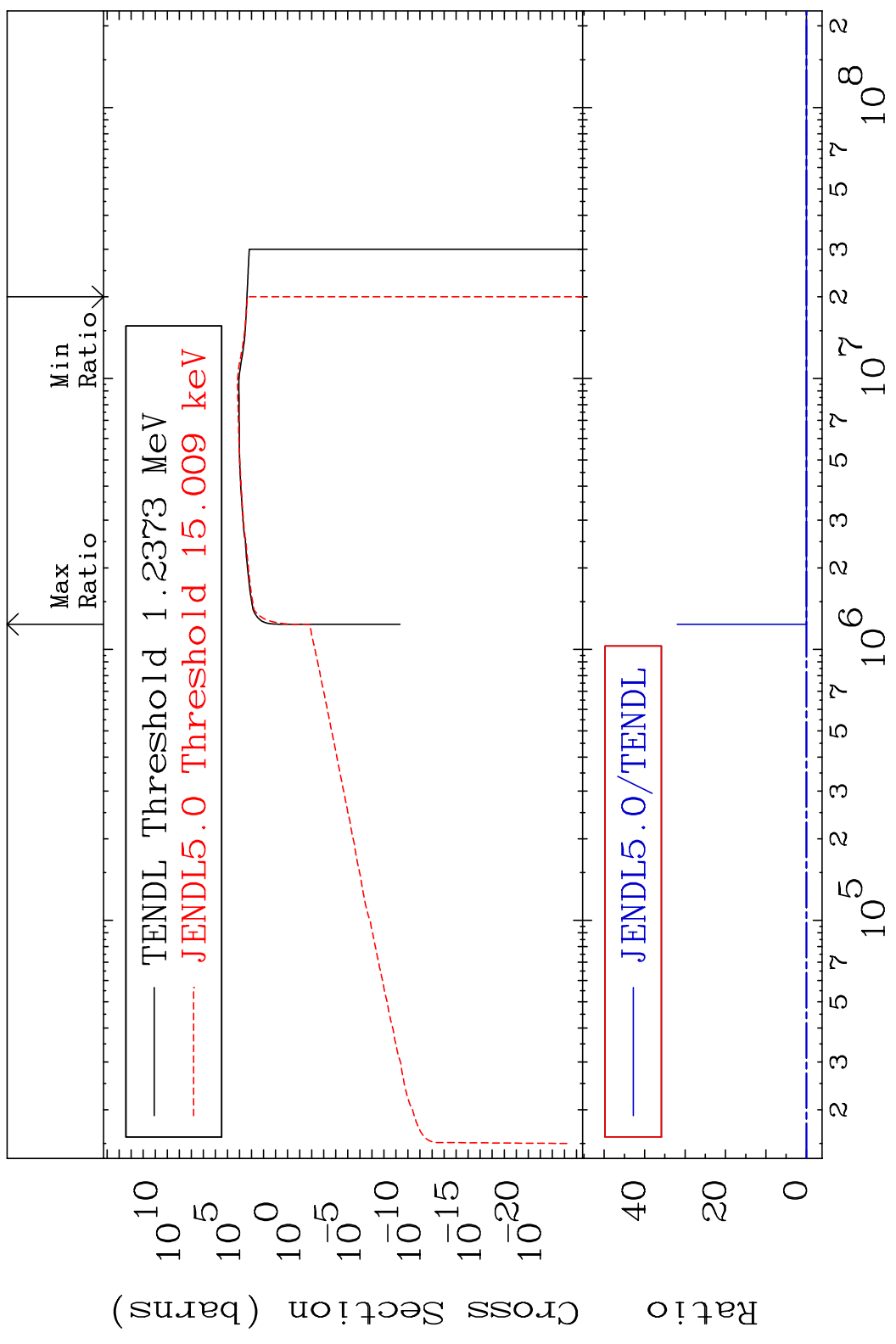
MAT 1843

Dpa elastic (mt2)

18-Ar-42

Cross Section -99.06 To 1207. %





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

