

Program Complot
(Version 2021-1)

by

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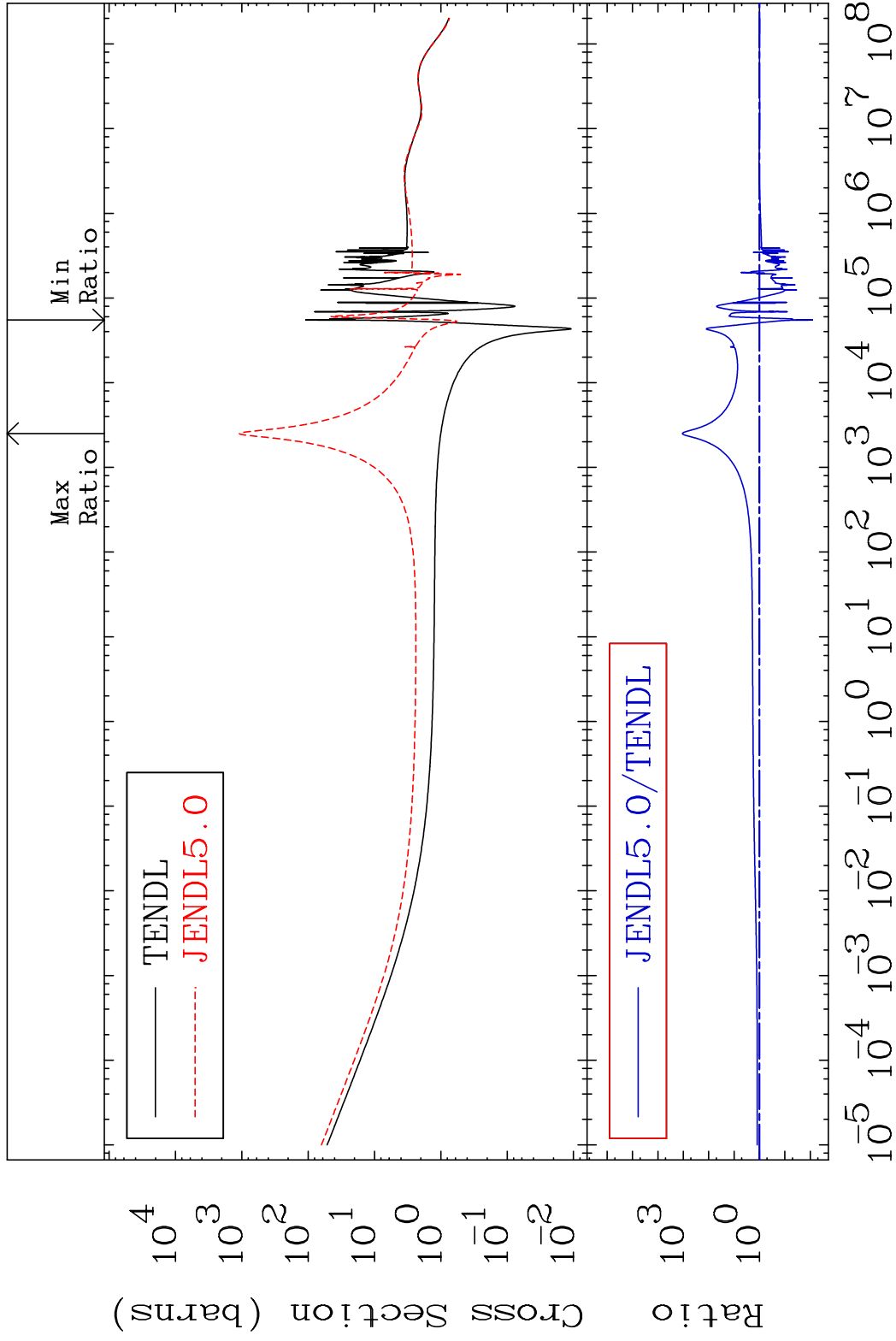
Press Mouse Button to Start

MAT 1831

Total

18-Ar-38

Cross Section -99.19 To 9999. %



1

Incident Energy (eV)

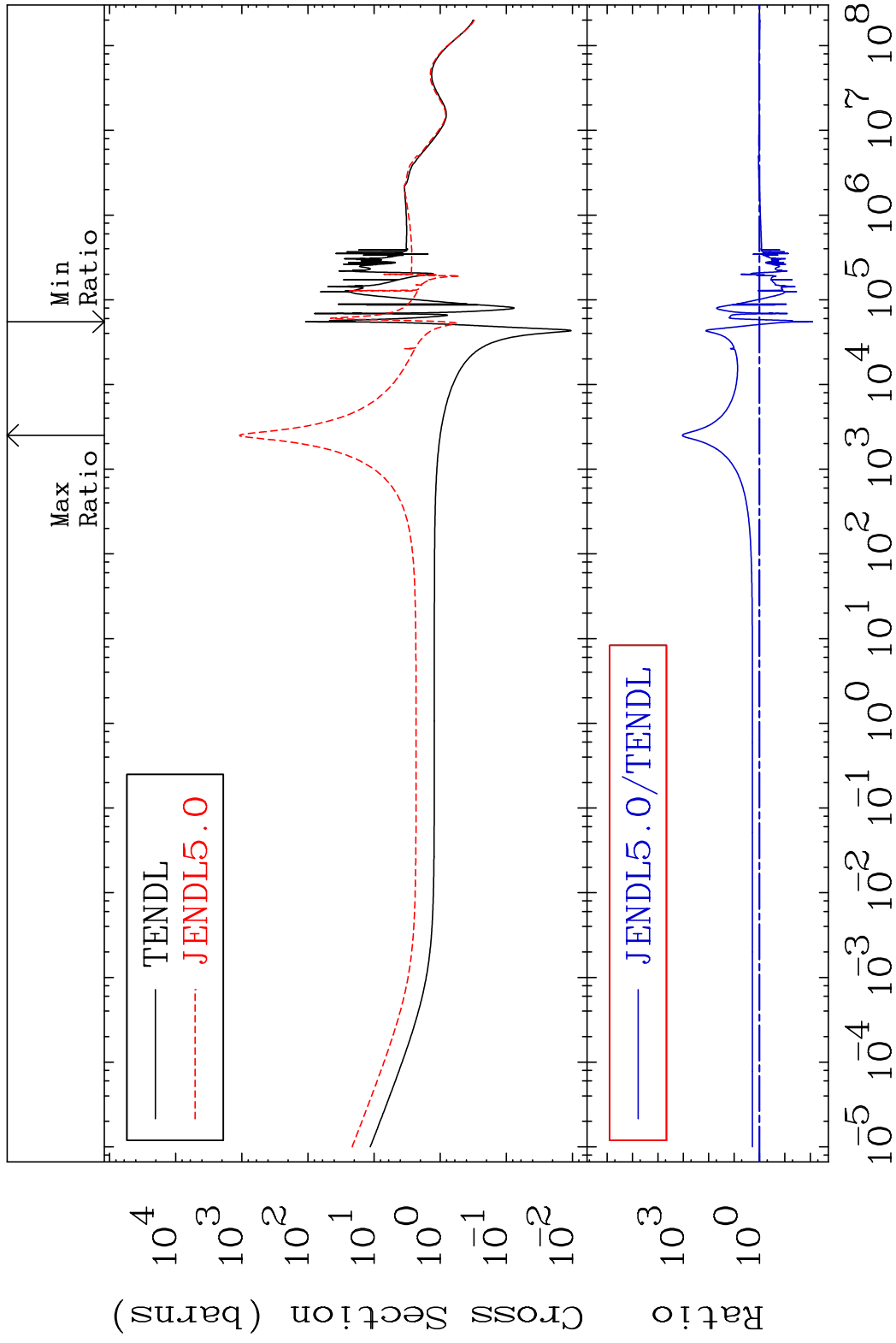
18-Ar-38

MAT 1831

Elastic

18-Ar-38

Cross Section -99.19 To 9999. %



2

Incident Energy (eV)

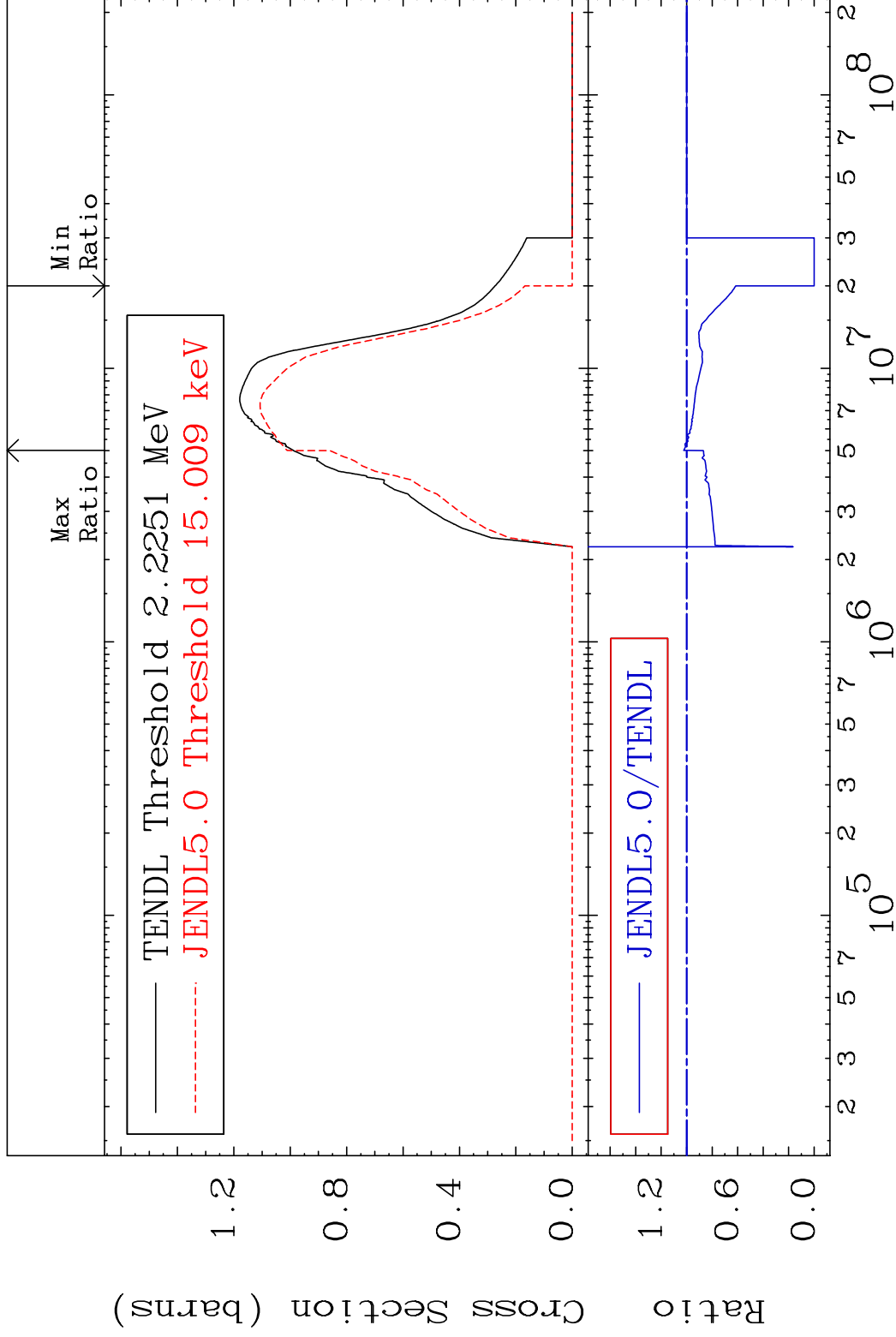
18-Ar-38

MAT 1831

Inelastic

18-Ar-38

Cross Section -100.0 To 2.366 %



3

Incident Energy (eV)

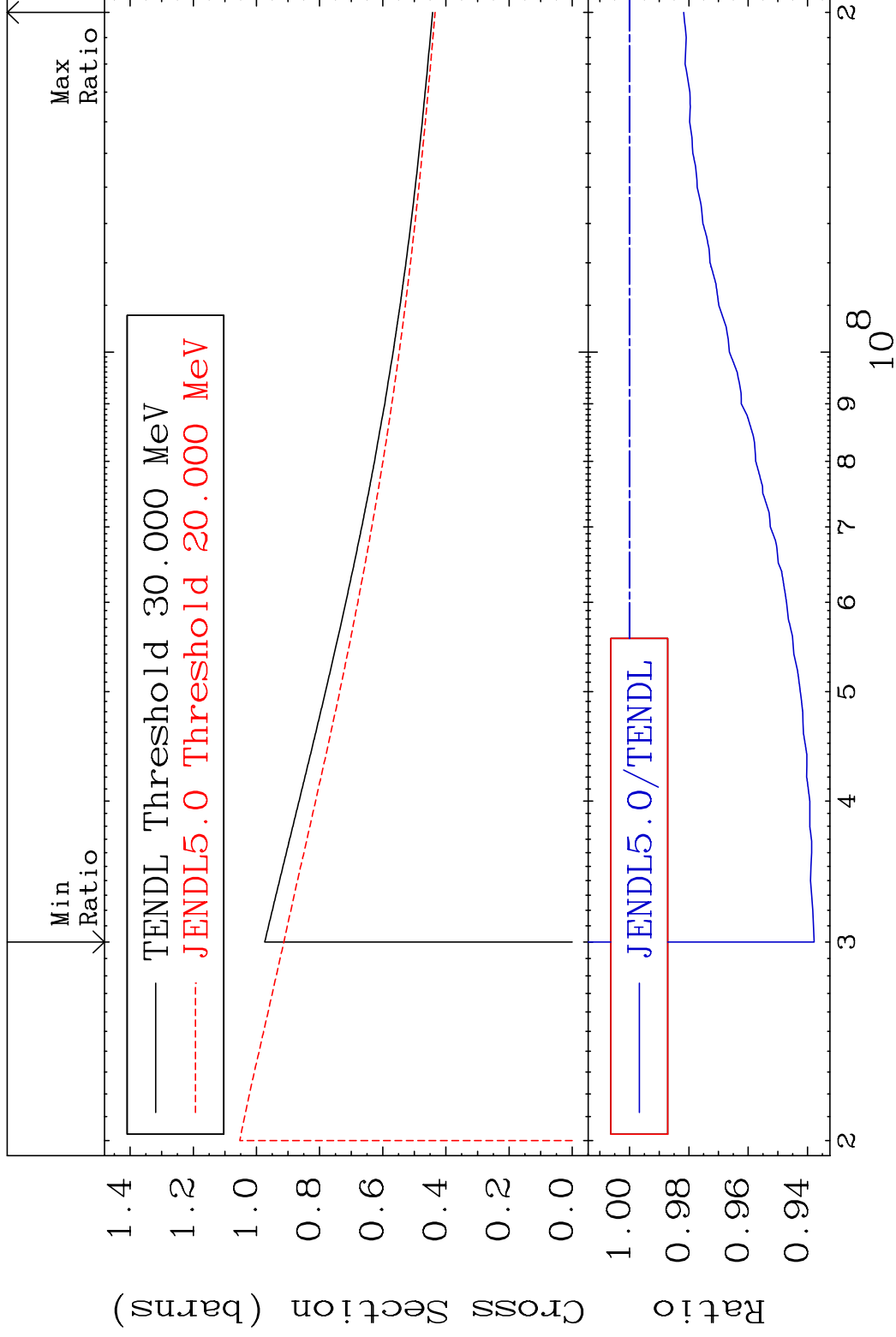
18-Ar-38

MAT 1831

(n, remainder)

18-Ar-38

Cross Section -6.223 To -1.825%

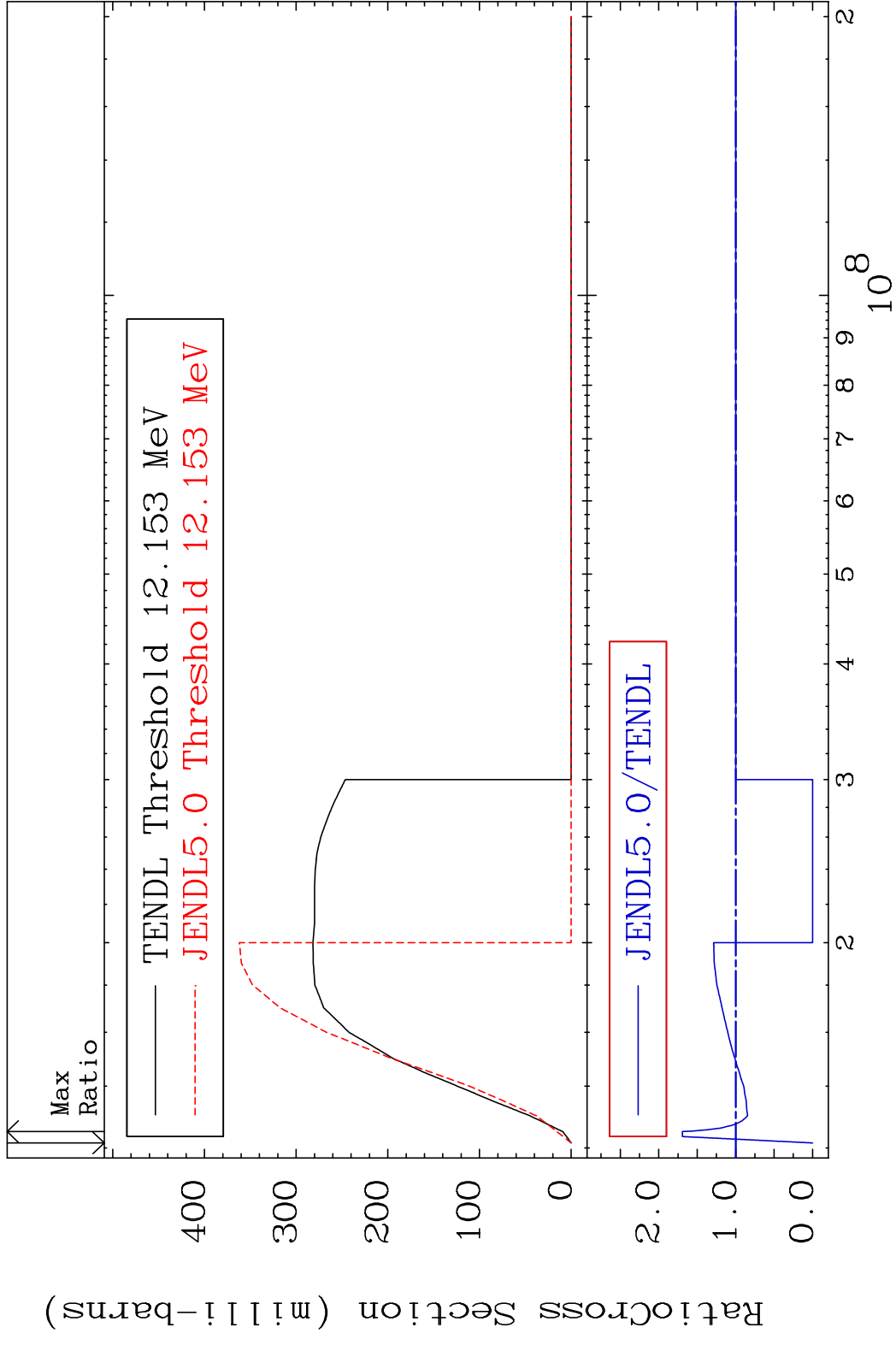


4

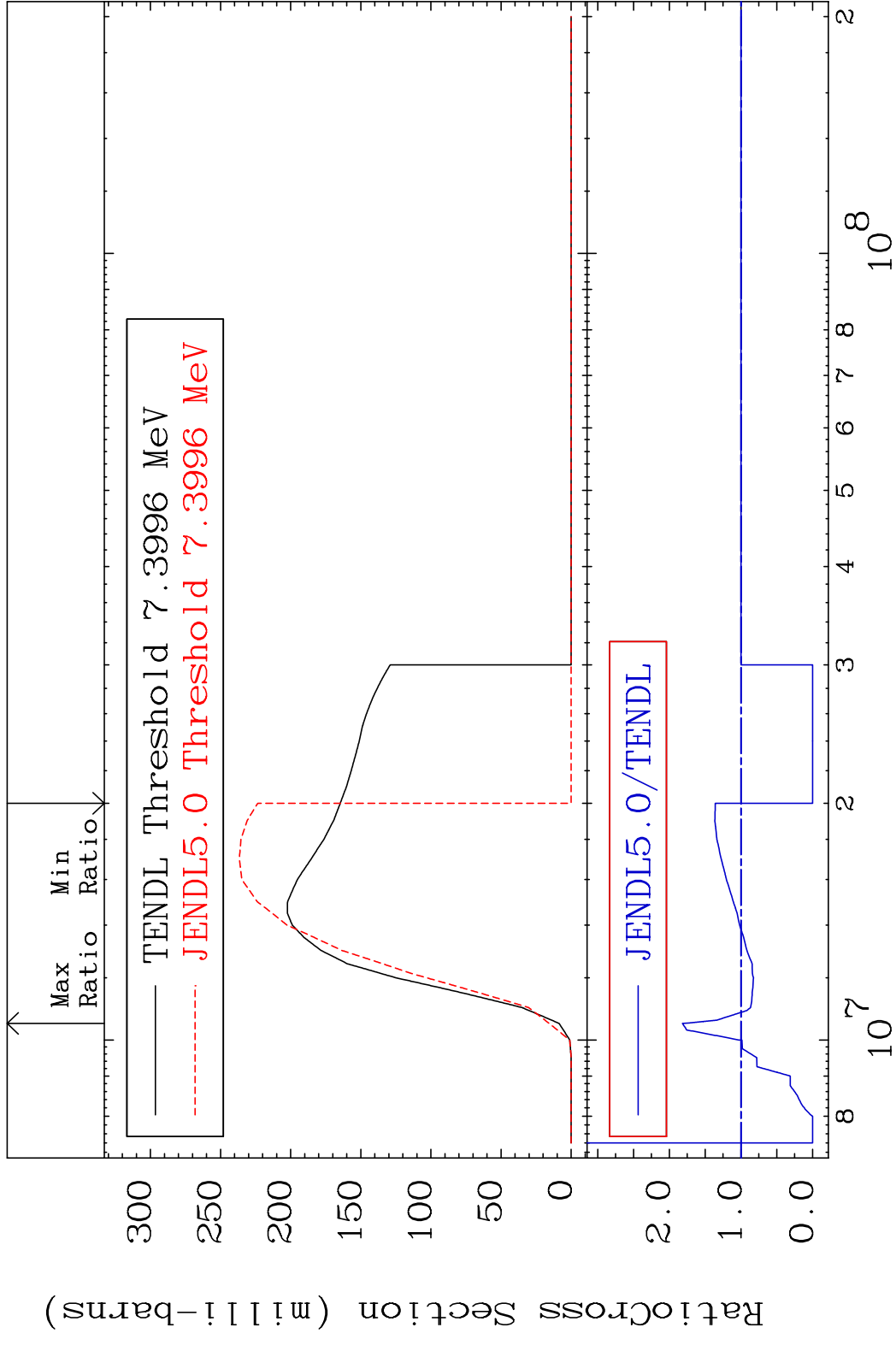
Incident Energy (eV)

18-Ar-38

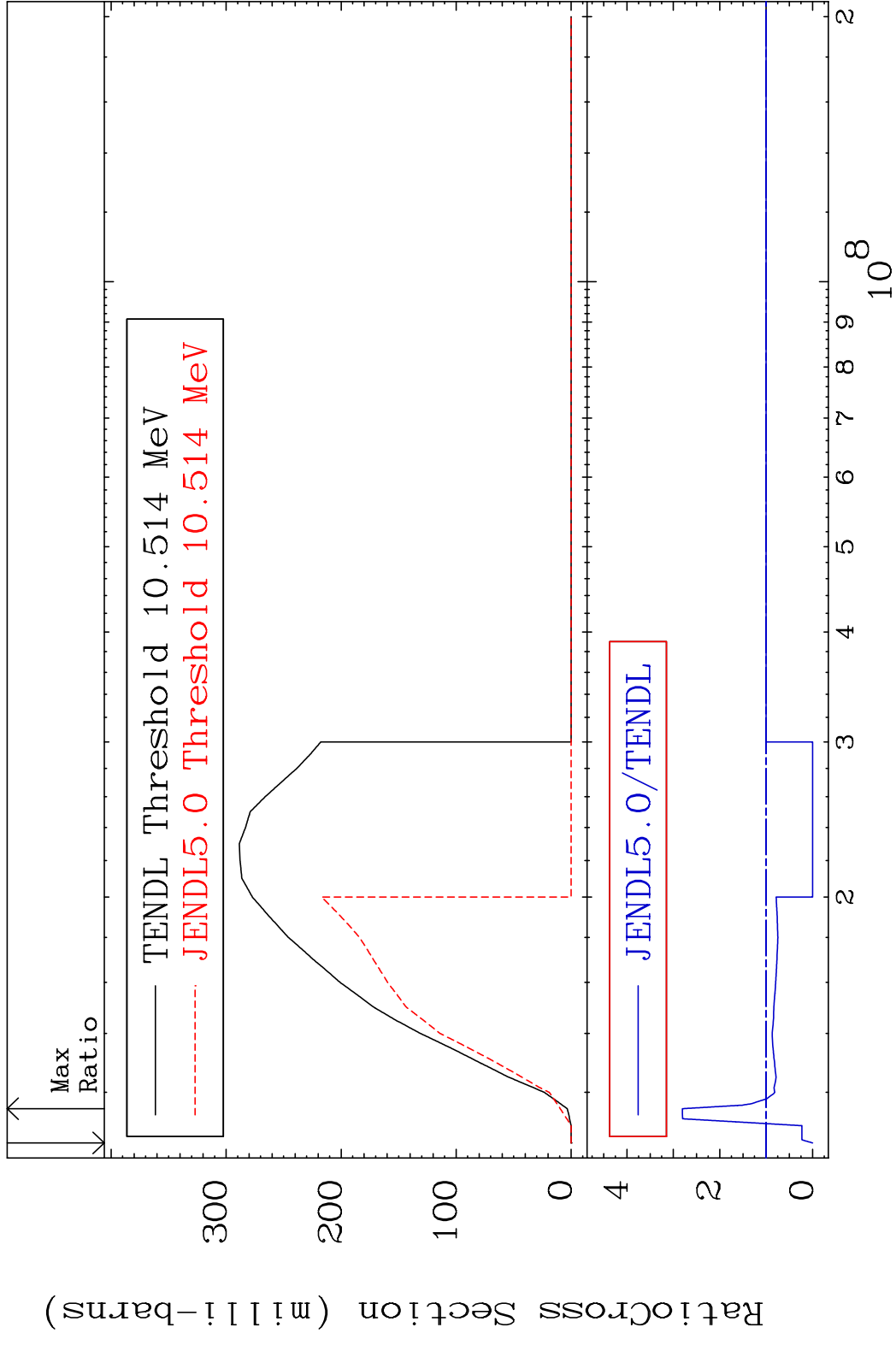
MAT 1831 (n,2n) 18-Ar-38
 Cross Section -100.0 To 69.30 %



MAT 1831 (n, n') α 18-Ar-38
 Cross Section -100.0 To 81.79 %



MAT 1831 (n, n') p 18-Ar-38
 Cross Section -100.0 To 180.5 %

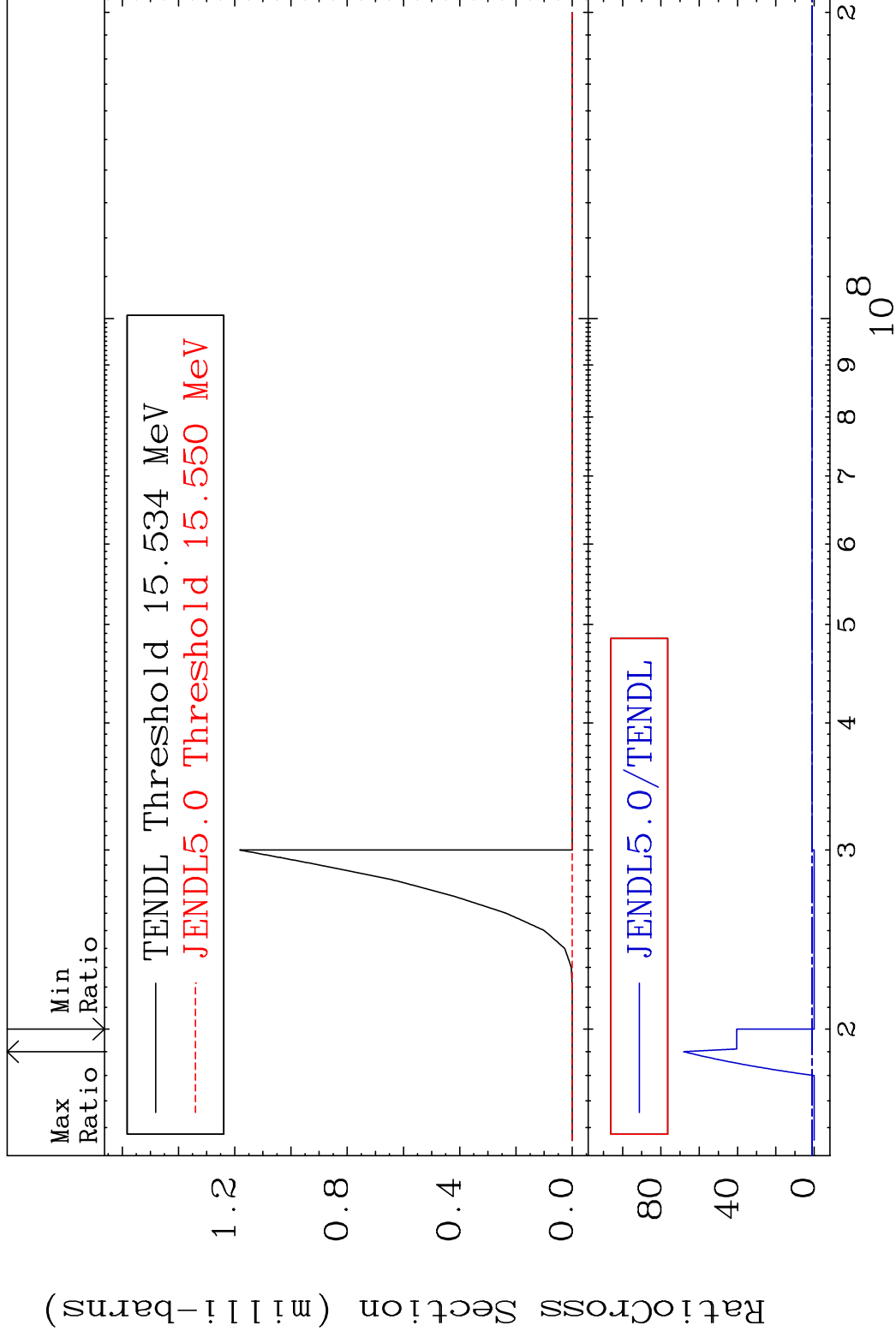


MAT 1831

(n, n') 2 α

18-Ar-38

Cross Section -100.0 To 6712. %

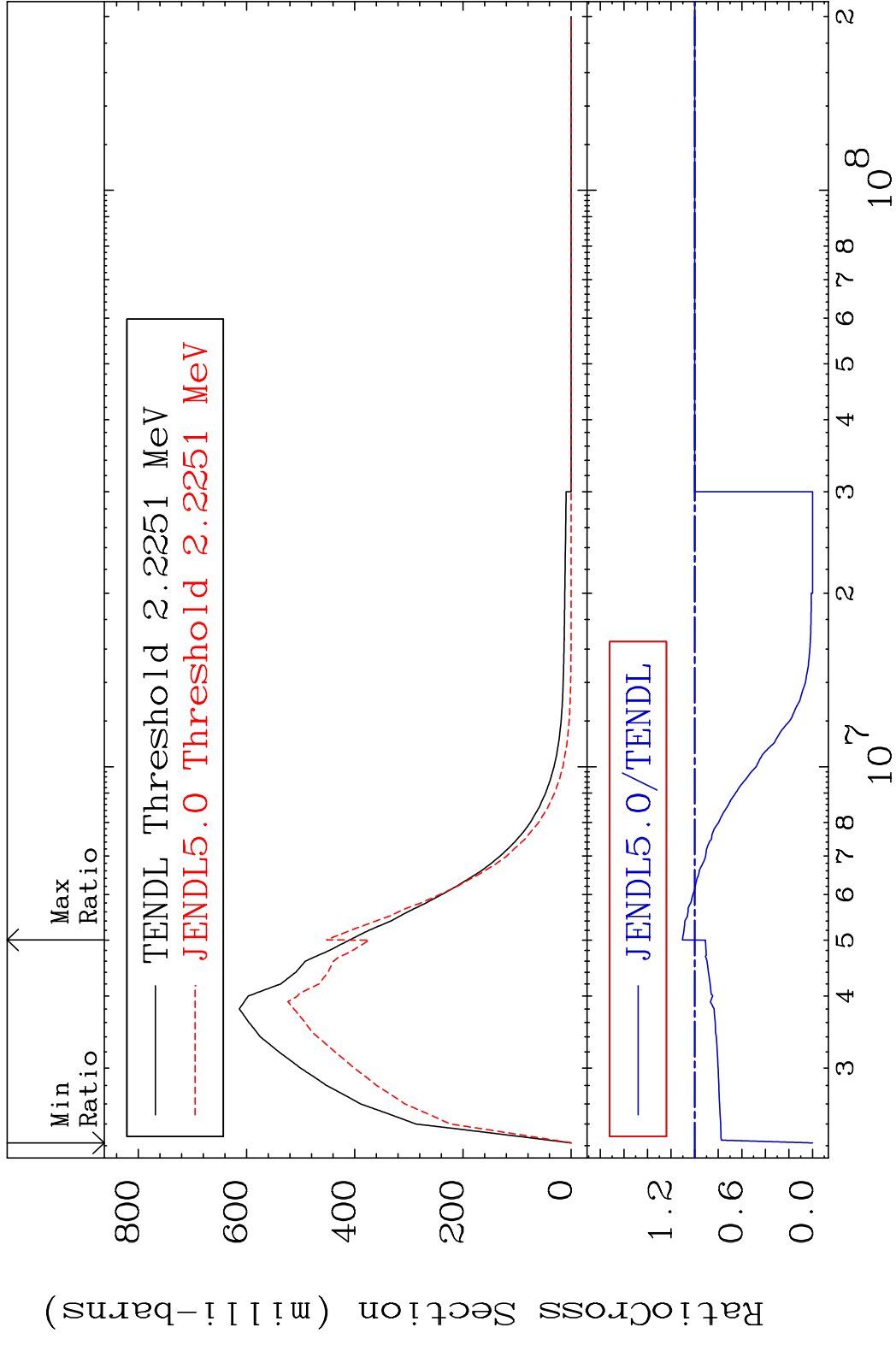


8

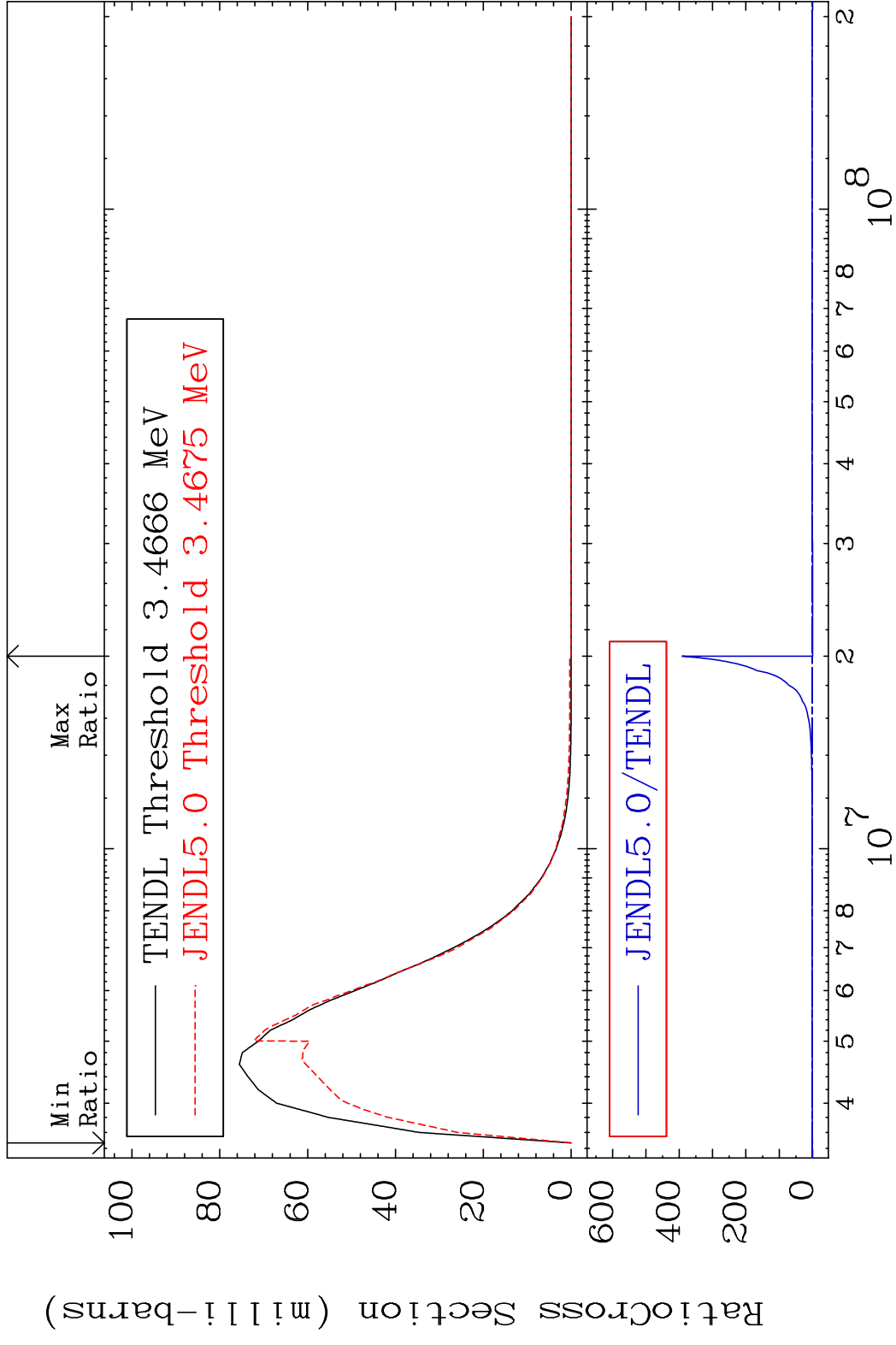
Incident Energy (eV)

18-Ar-38

MAT 1831 MT= 51 (n, n') Level 18-Ar-38
 Cross Section -100.0 To 10.44 %

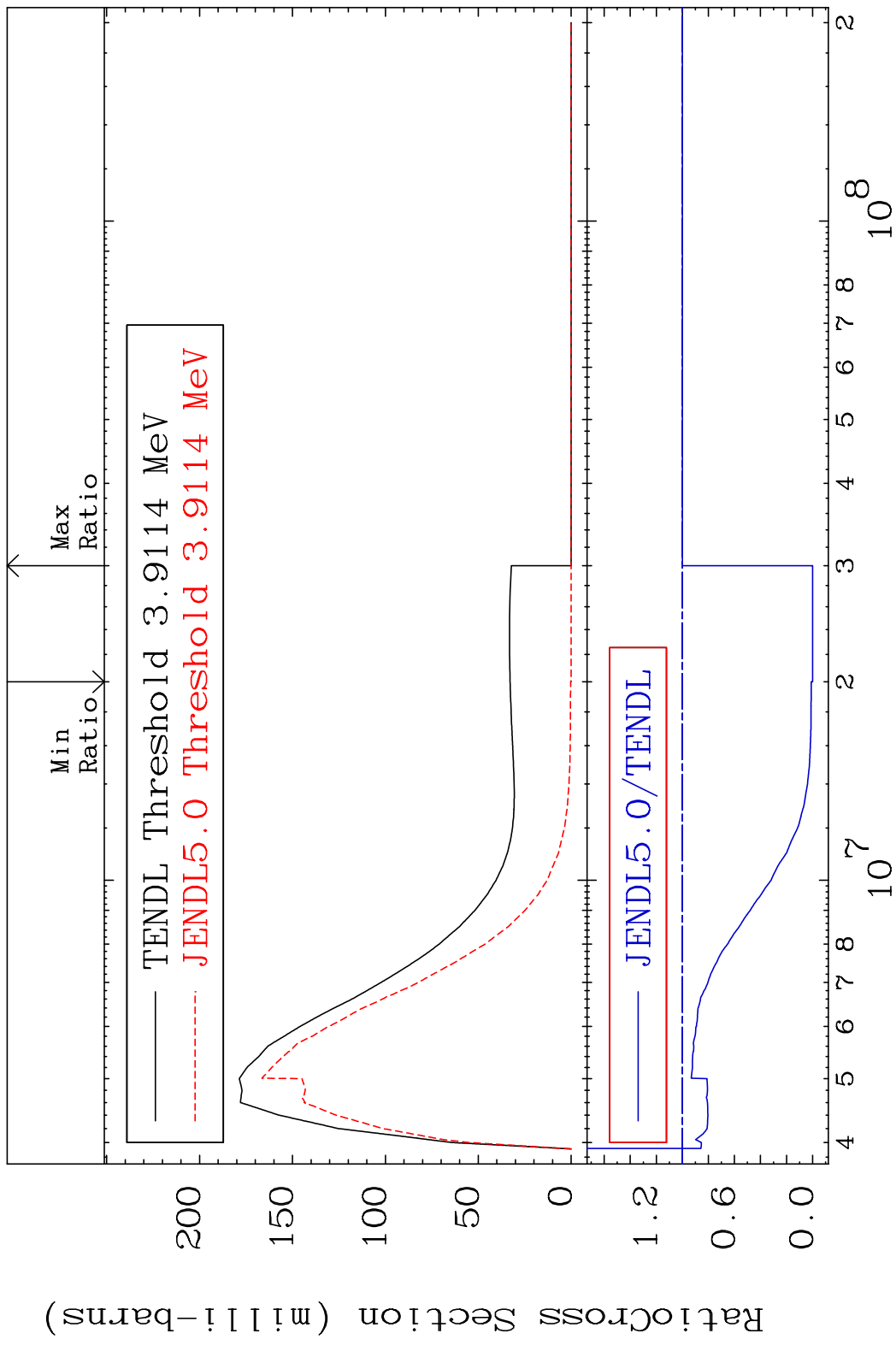


MAT 1831 MT= 52 (n,n') Level 18-Ar-38
 Cross Section -100.0 To 9999. %

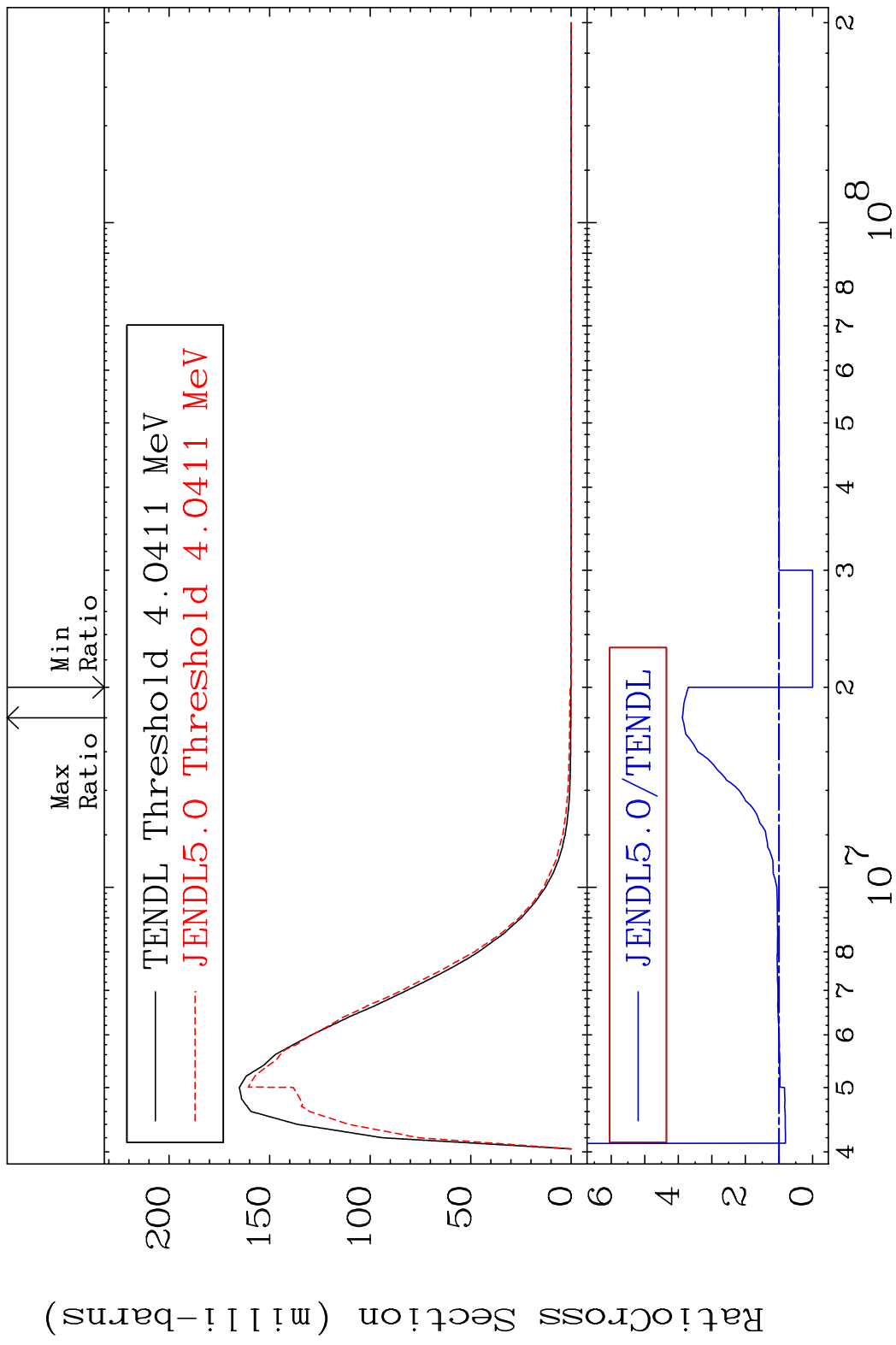


10 18-Ar-38

MAT 1831 MT= 53 (n, n') Level 18-Ar-38
 Cross Section -100.0 To 0.000 %

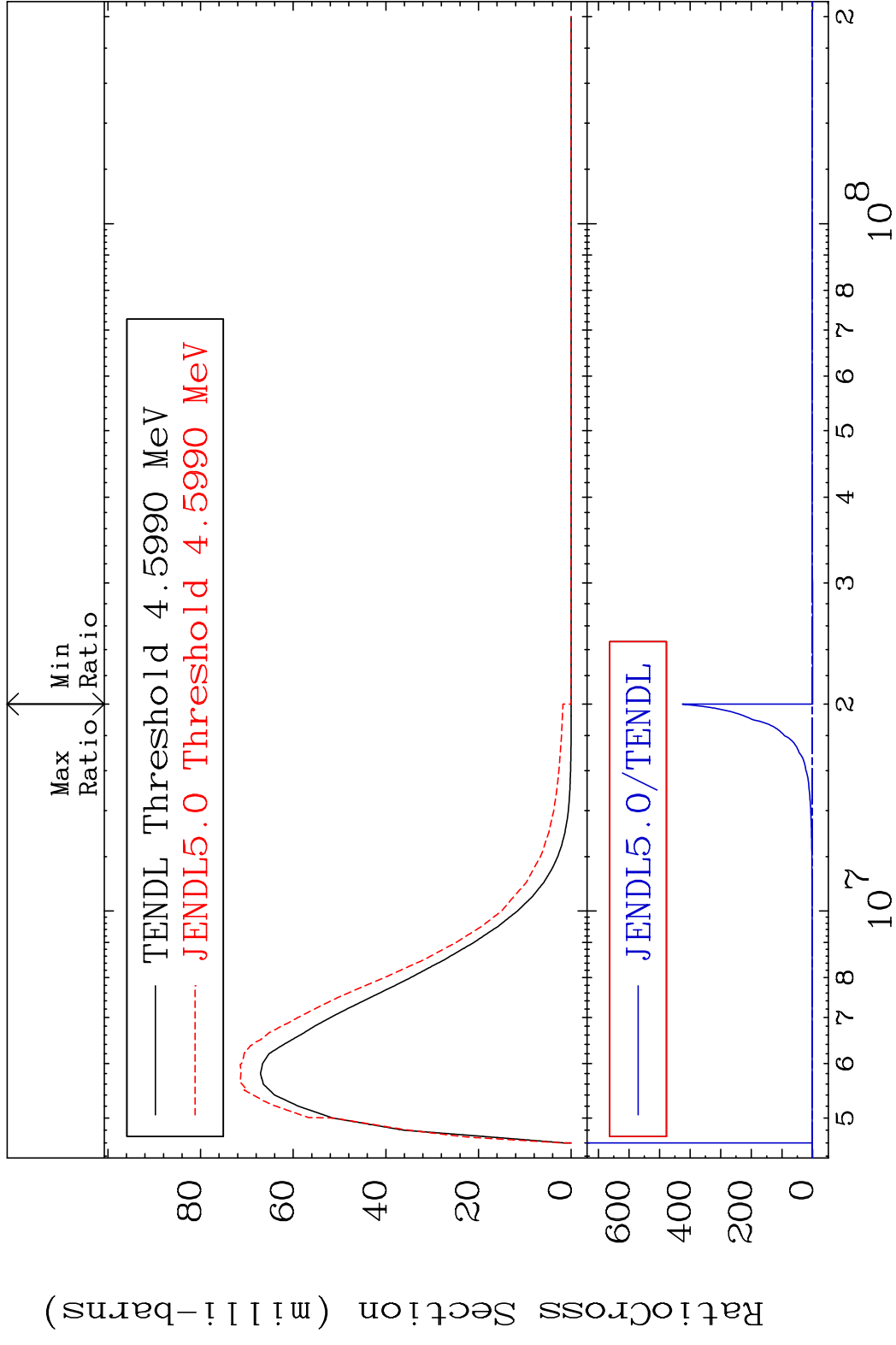


MAT 1831 MT= 54 (n, n') Level 18-Ar-38
 Cross Section -100.0 To 287.8 %

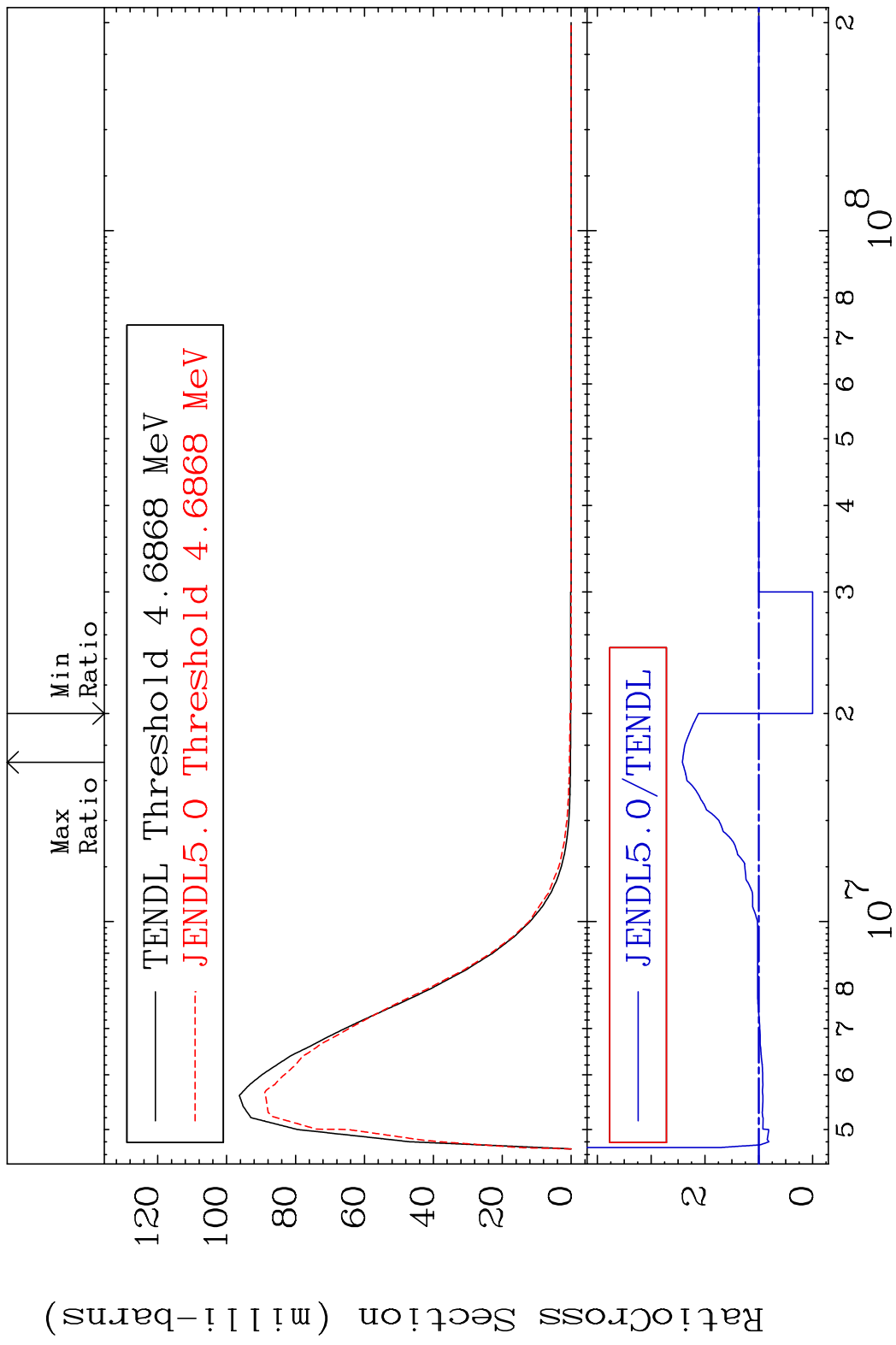


12 Incident Energy (eV) 18-Ar-38

MAT 1831 MT= 55 (n, n') Level 18-Ar-38
 Cross Section -100.0 To 9999. %

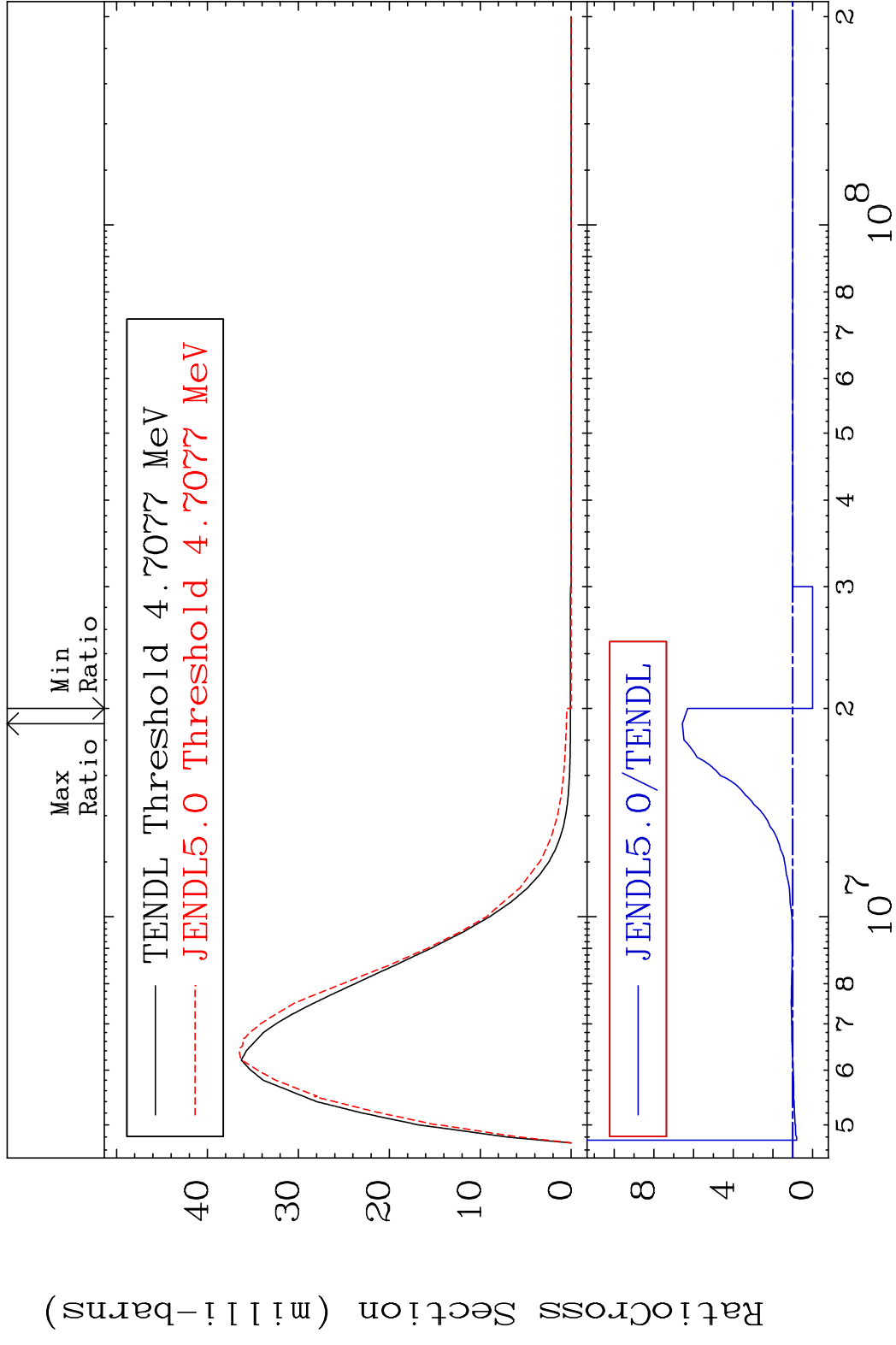


MAT 1831 MT= 56 (n, n') Level 18-Ar-38
 Cross Section -100.0 To 142.1 %

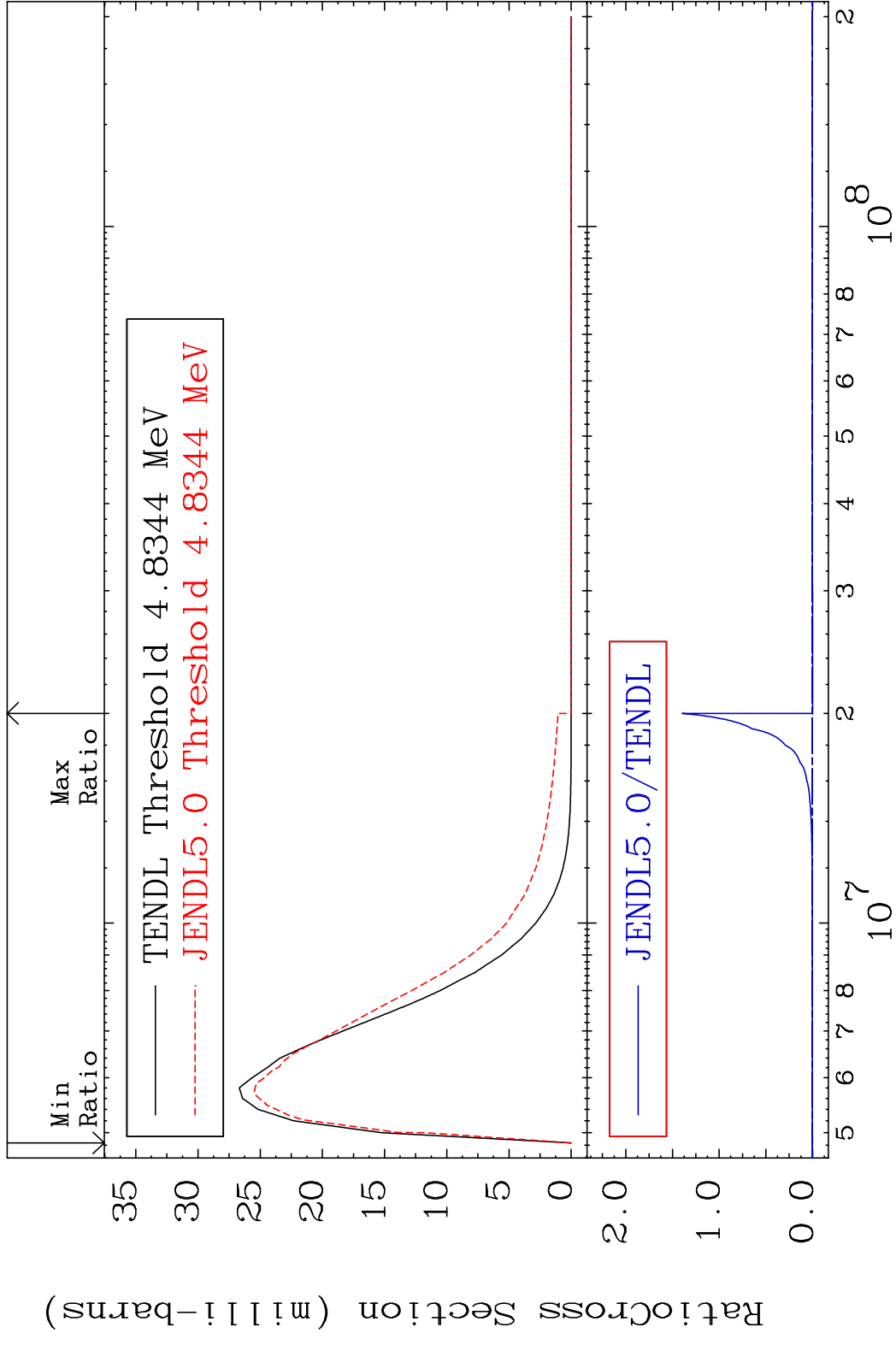


14 Incident Energy (eV) 18-Ar-38

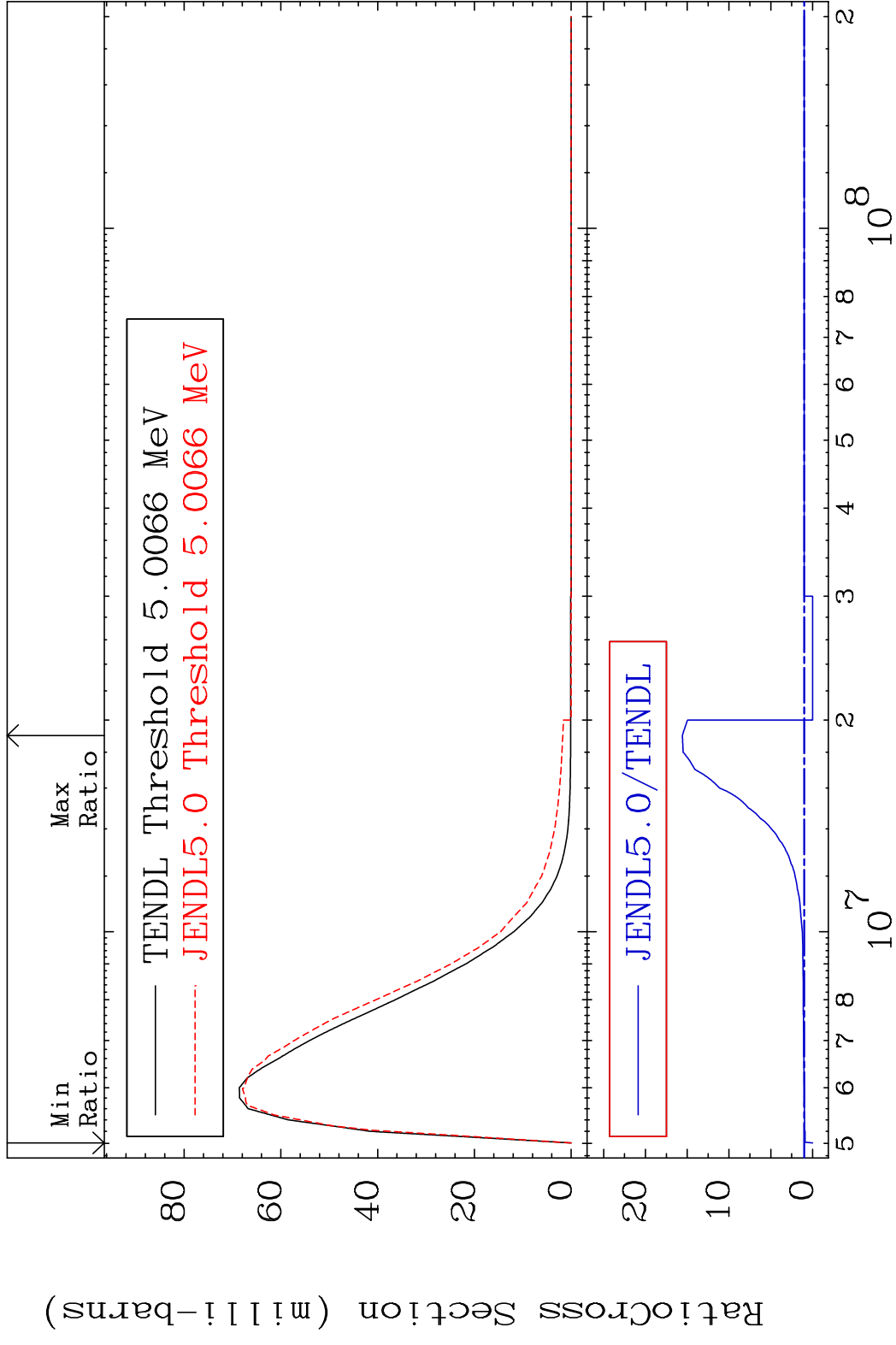
MAT 1831 MT= 57 (n, n') Level 18-Ar-38
 Cross Section -100.0 To 556.5 %



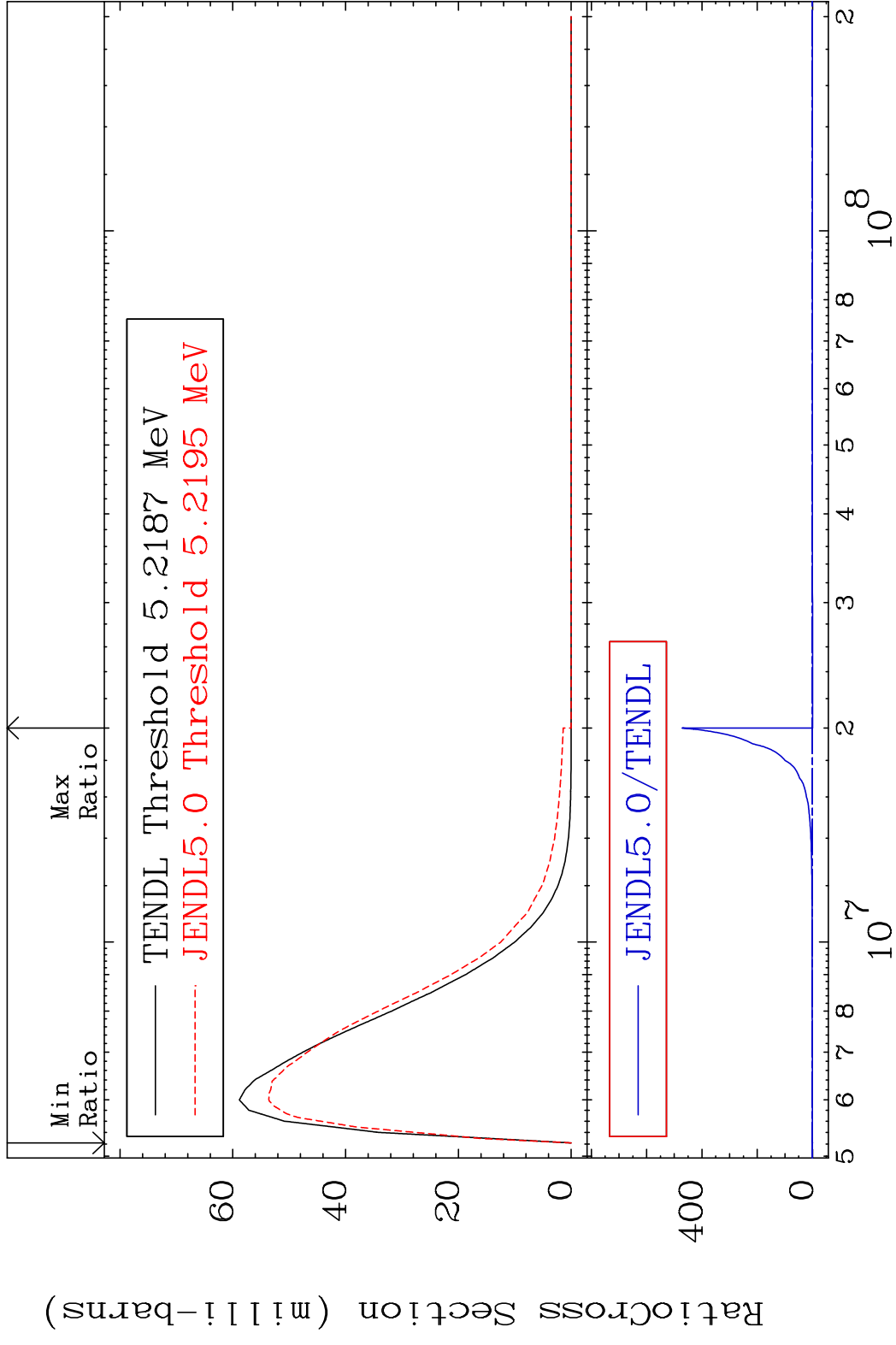
MAT 1831 MT= 58 (n,n') Level 18-Ar-38
 Cross Section -100.0 To 9999. %



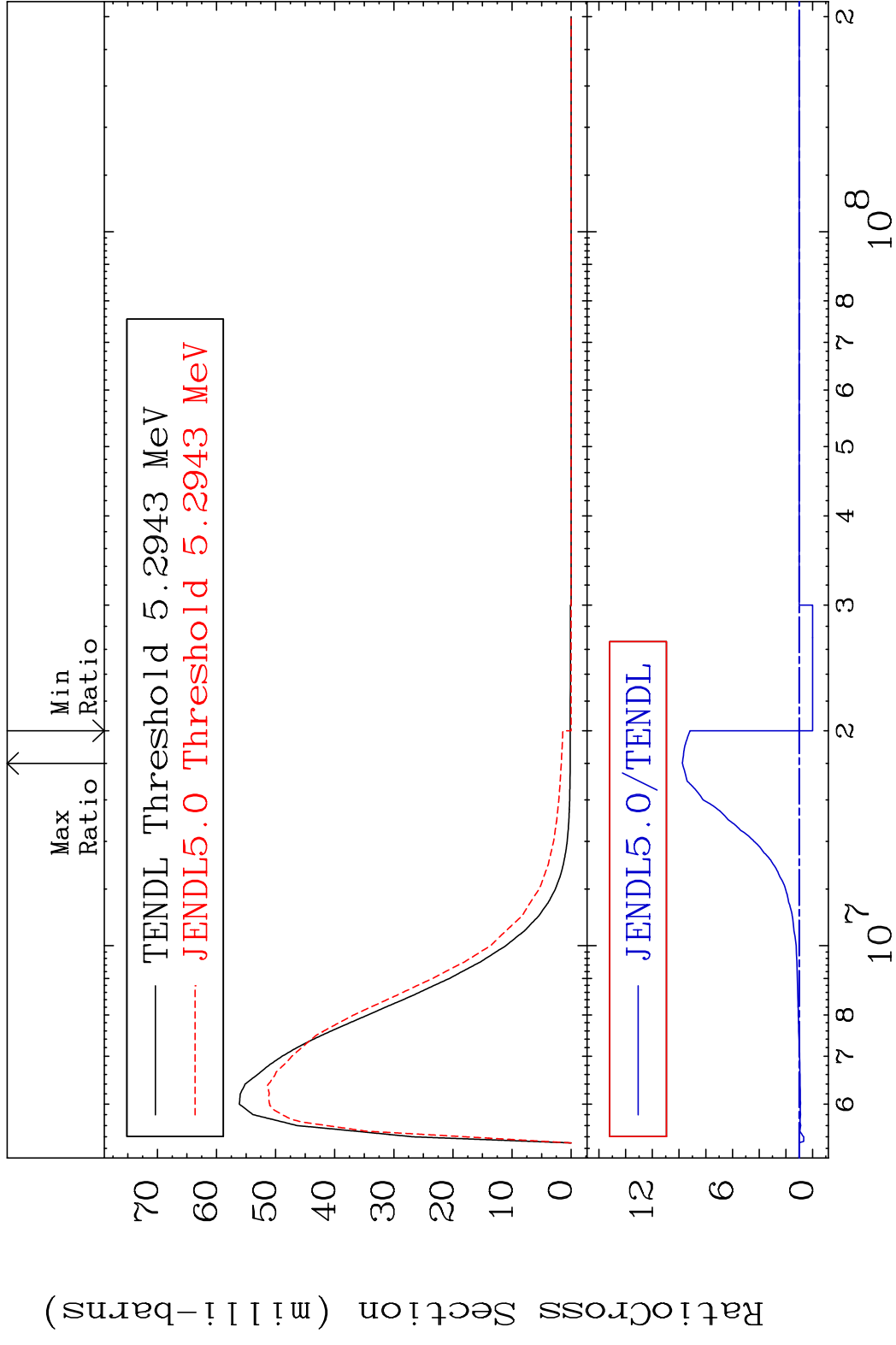
MAT 1831 MT= 59 (n, n') Level 18-Ar-38
 Cross Section -100.0 To 1458. %



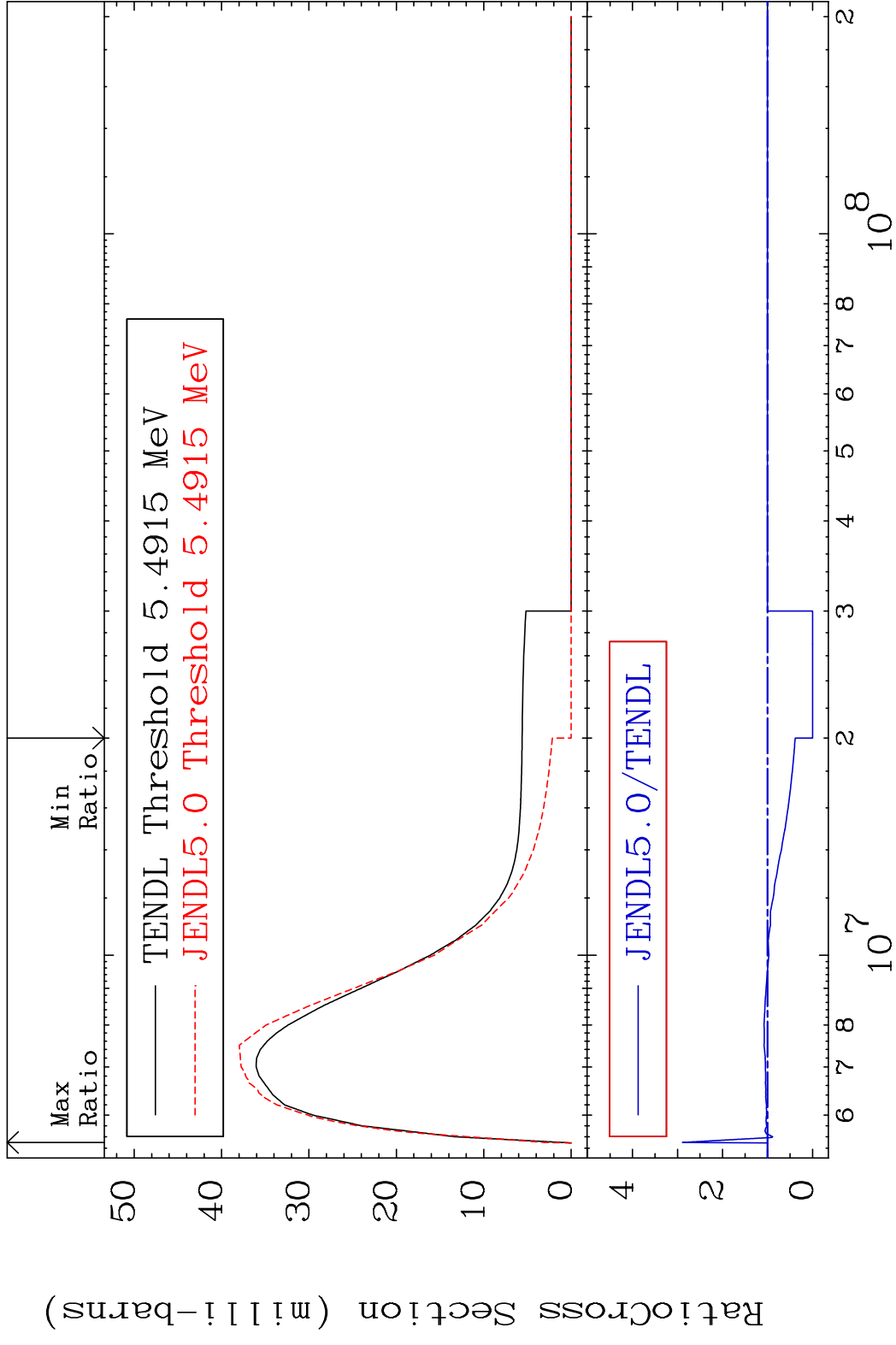
MAT 1831 MT= 60 (n,n') Level 18-Ar-38
 Cross Section -100.0 To 9999. %



MAT 1831 MT= 61 (n,n') Level 18-Ar-38
 Cross Section -100.0 To 875.4 %

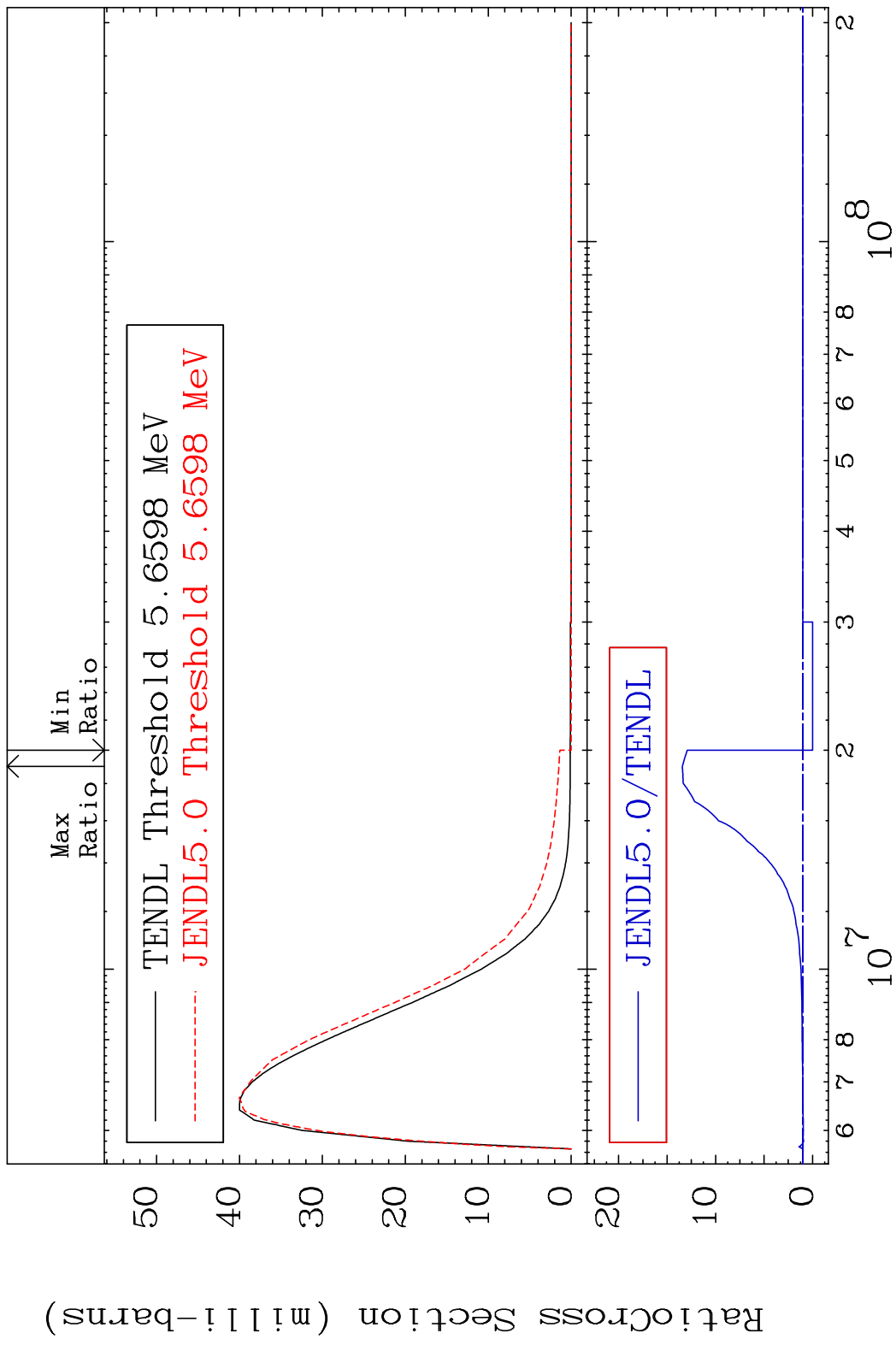


MAT 1831 MT= 62 (n, n') Level 18-Ar-38
 Cross Section -100.0 To 189.3 %

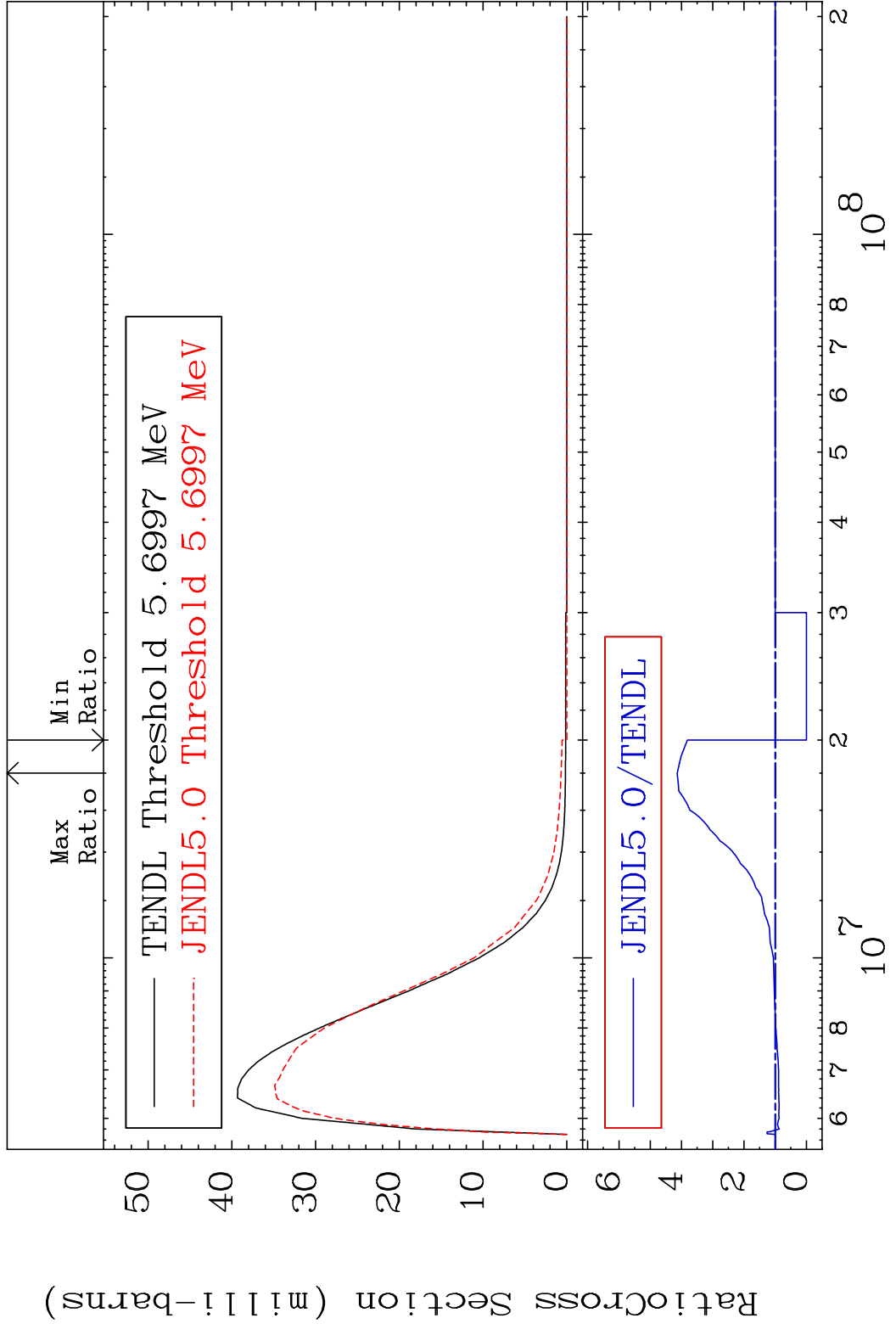


20 18-Ar-38

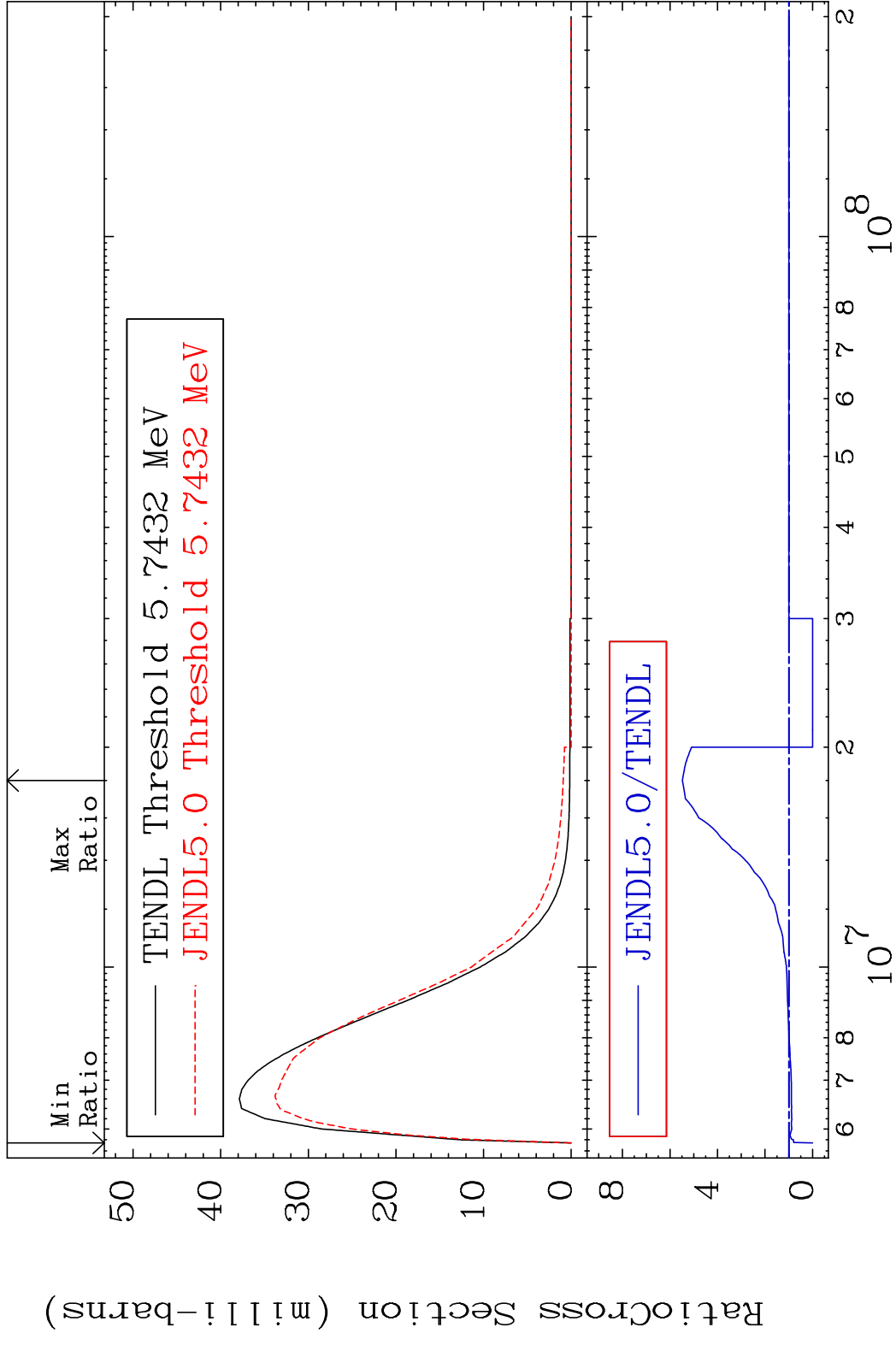
MAT 1831 MT= 63 (n, n') Level 18-Ar-38
 Cross Section -100.0 To 1243. %



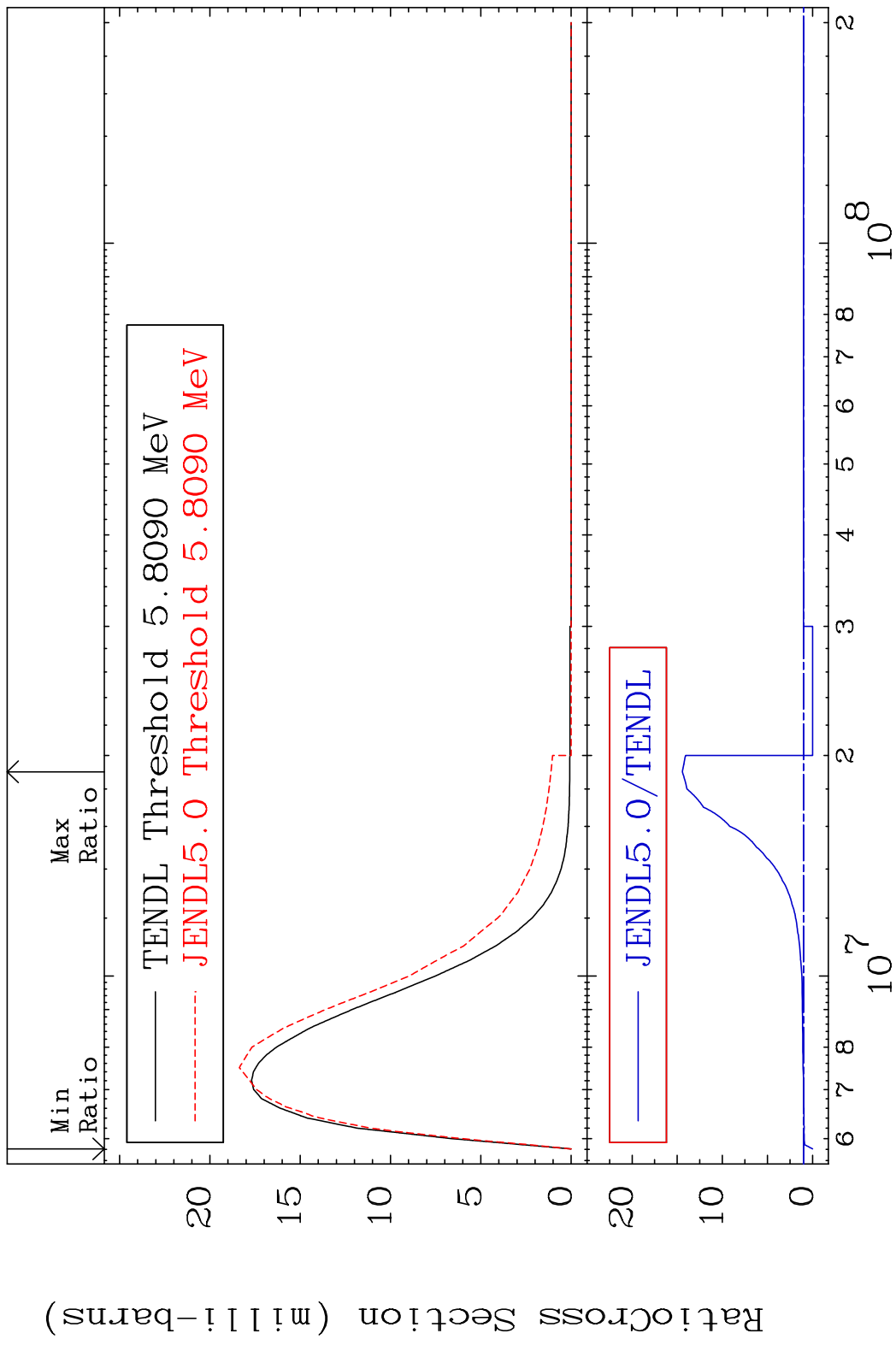
MAT 1831 MT= 64 (n, n') Level 18-Ar-38
 Cross Section -100.0 To 313.6 %



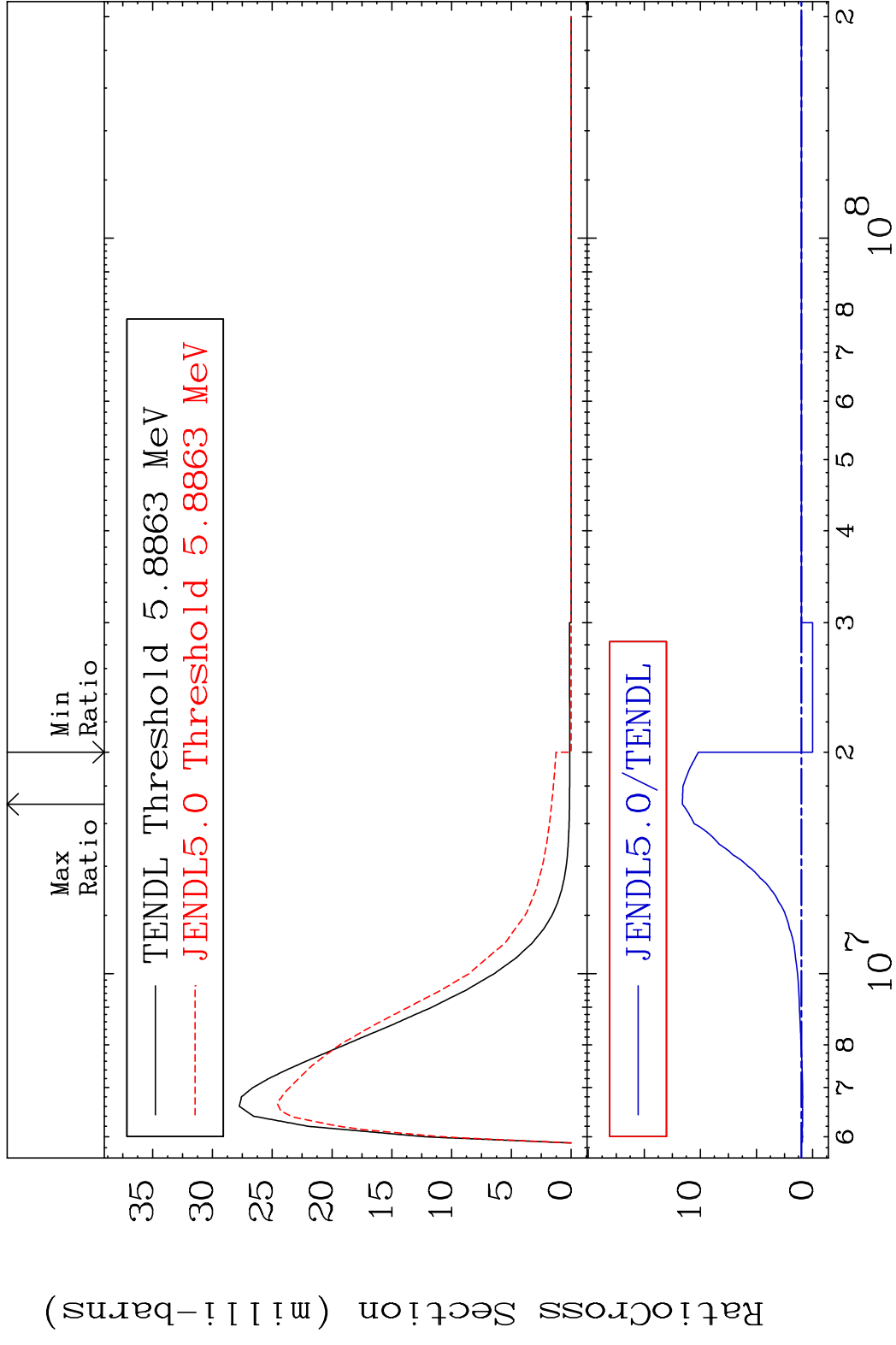
MAT 1831 MT= 65 (n,n') Level 18-Ar-38
 Cross Section -100.0 To 448.1 %



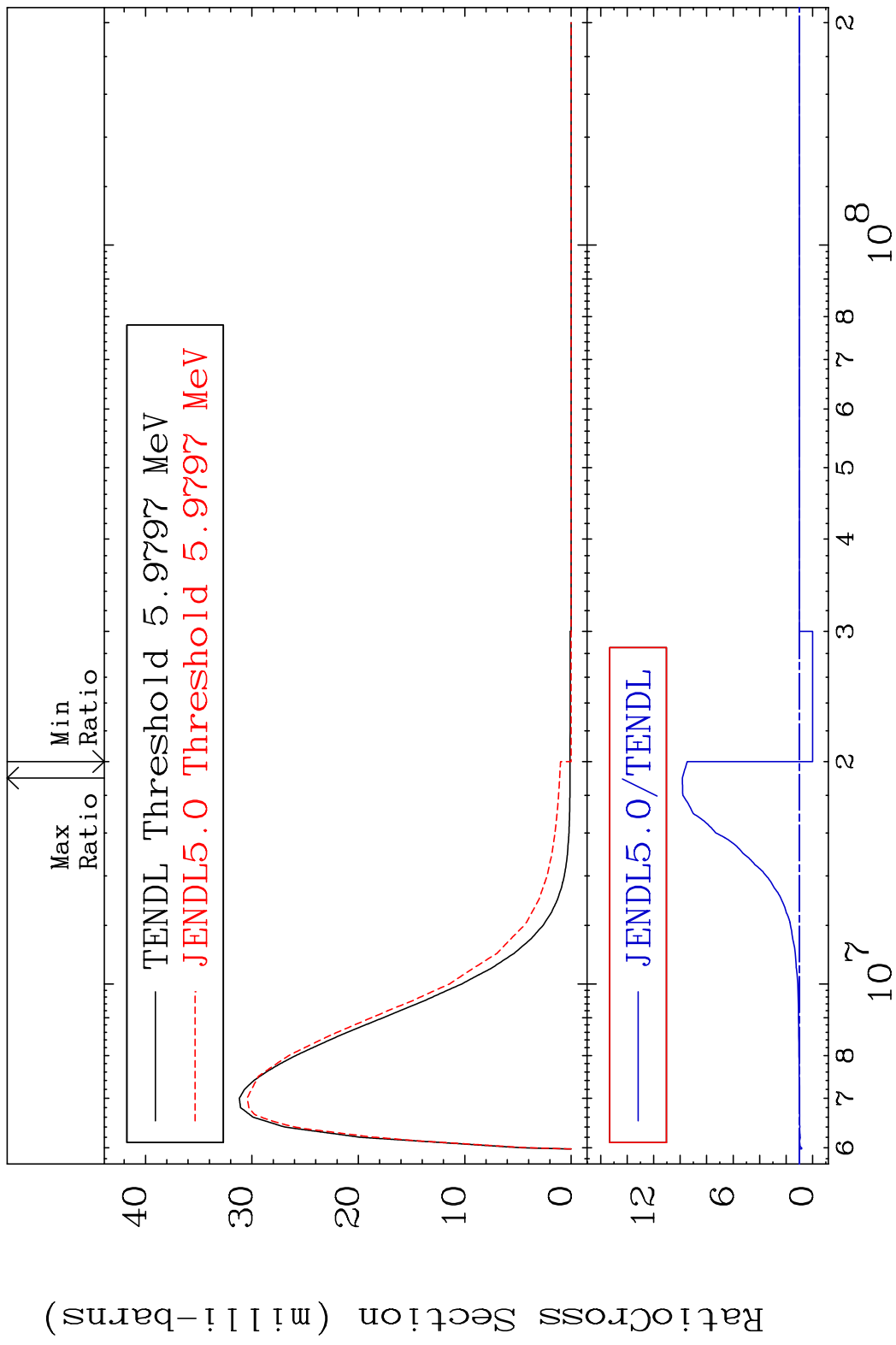
MAT 1831 MT= 66 (n,n') Level 18-Ar-38
 Cross Section -100.0 To 1343. %



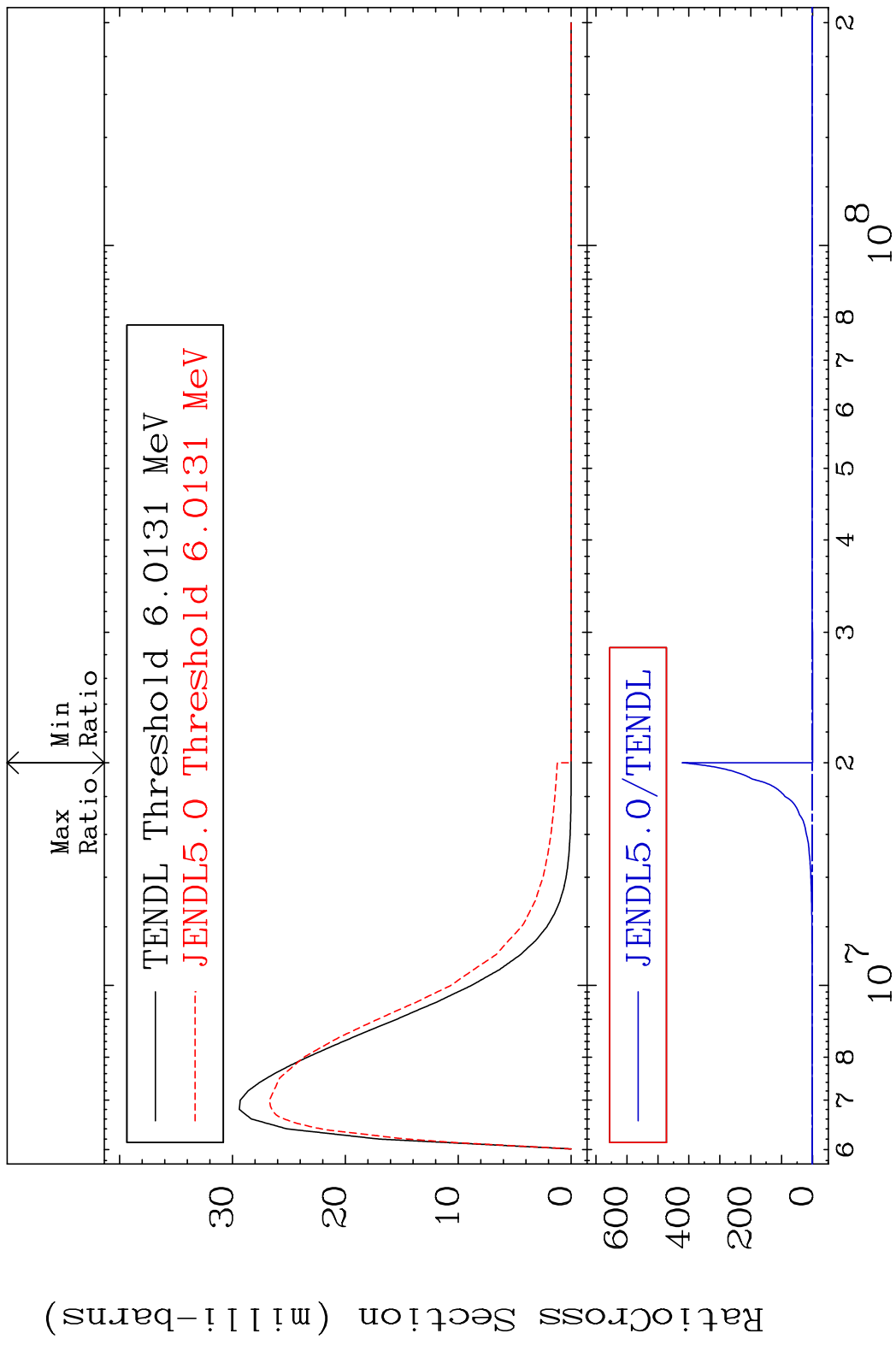
MAT 1831 MT= 67 (n,n') Level 18-Ar-38
 Cross Section -100.0 To 1060. %



MAT 1831 MT= 68 (n,n') Level 18-Ar-38
 Cross Section -100.0 To 883.6 %

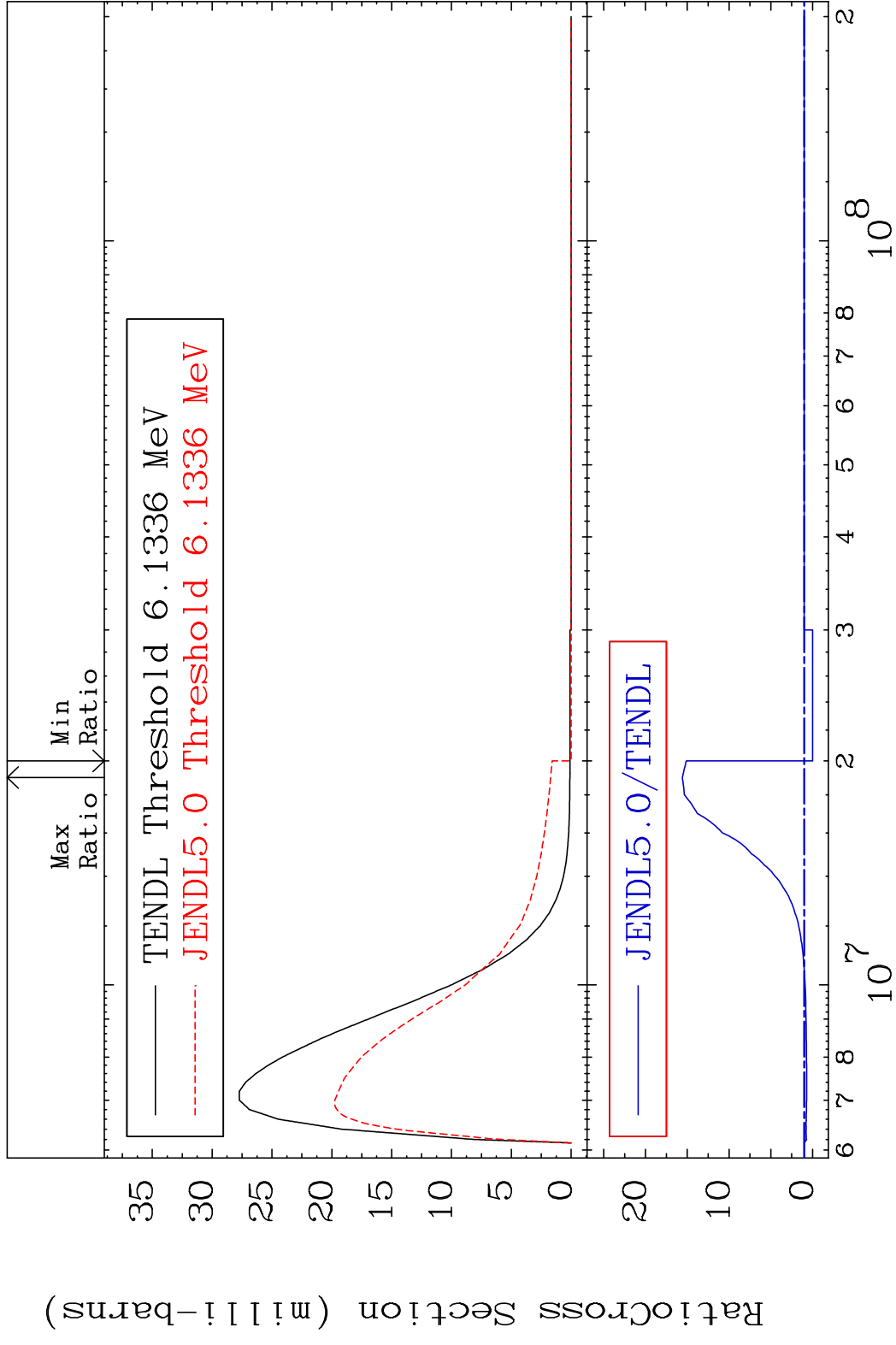


MAT 1831 MT= 69 (n,n') Level 18-Ar-38
 Cross Section -100.0 To 9999. %

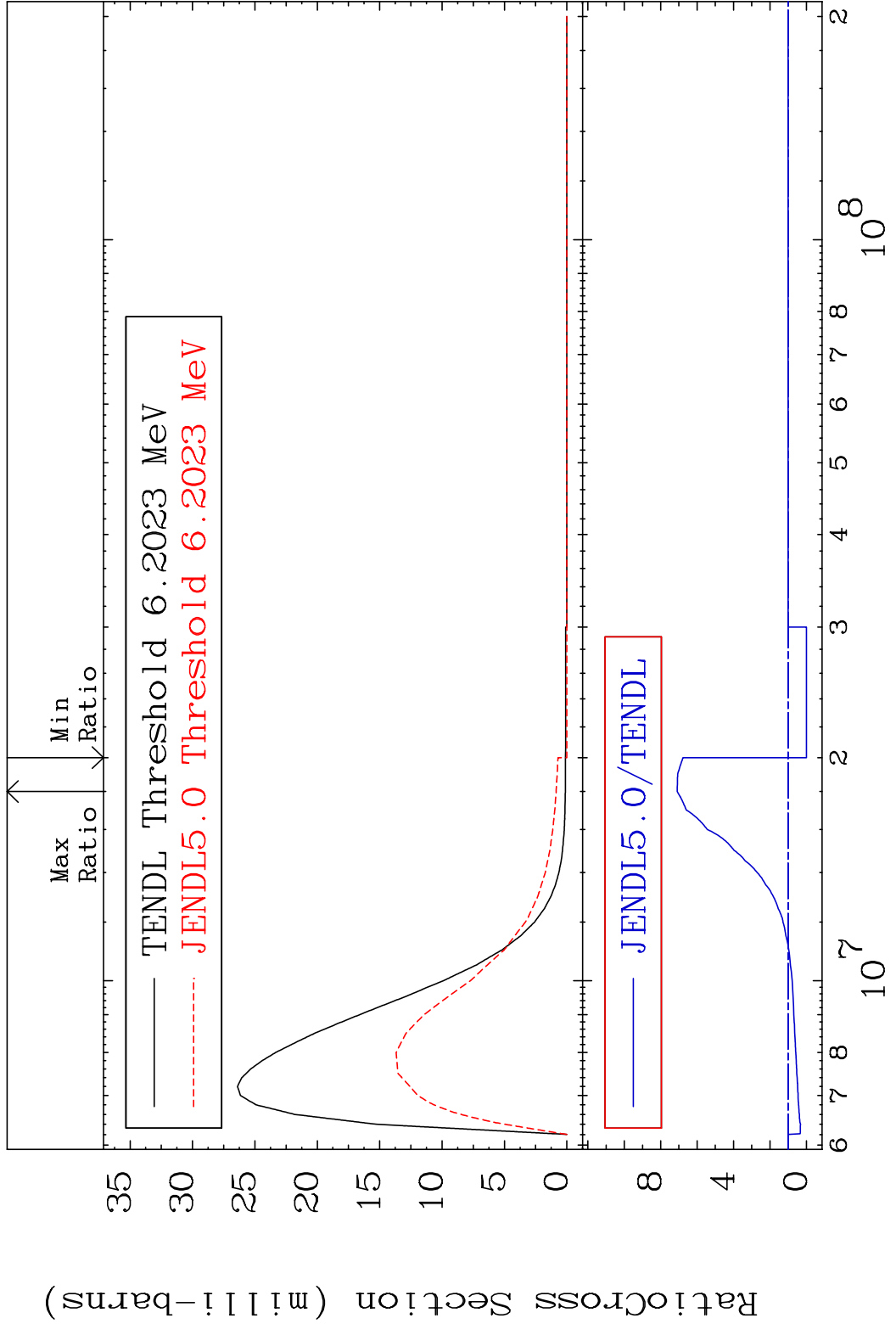


27 Incident Energy (eV) 18-Ar-38

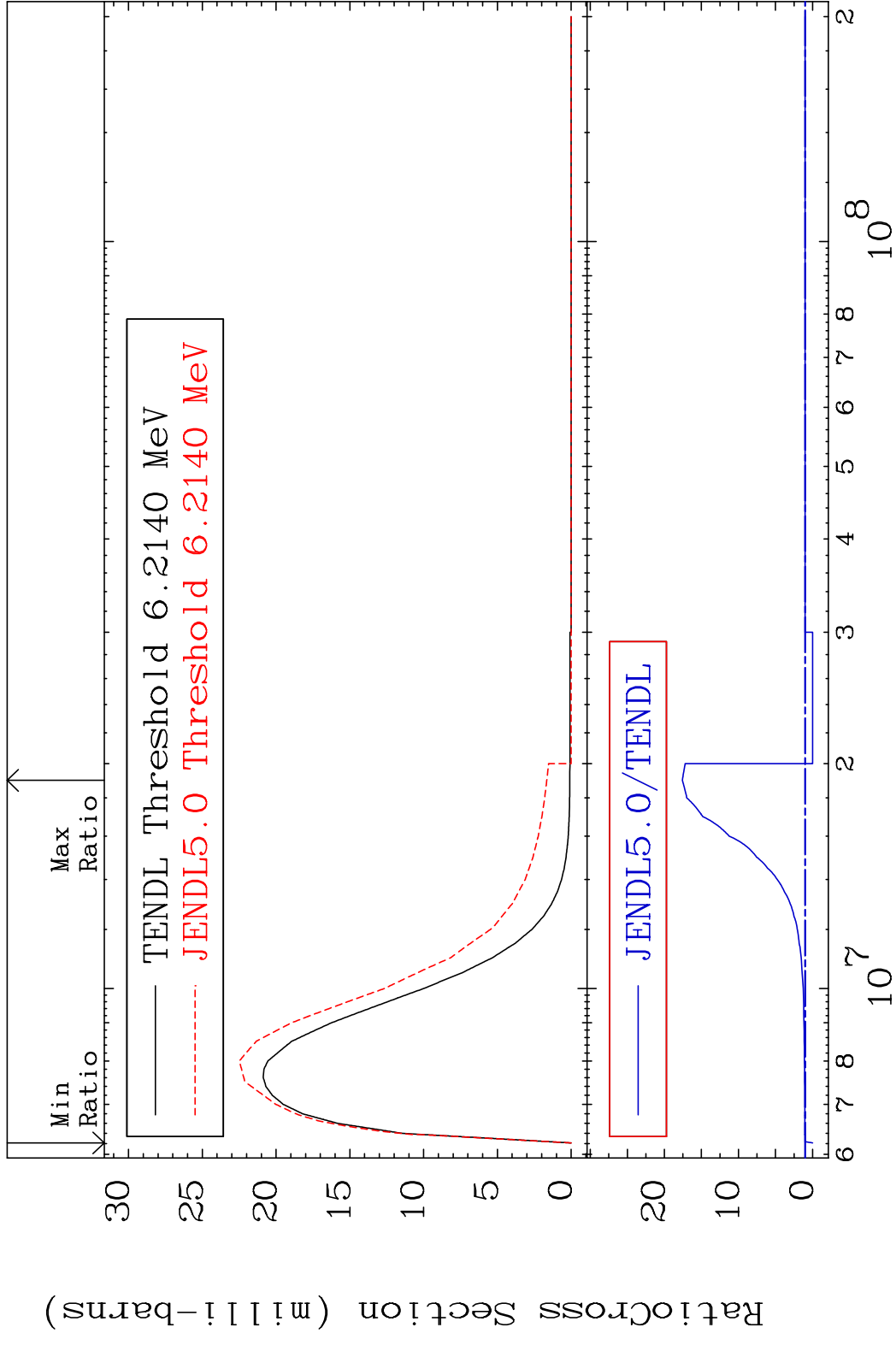
MAT 1831 MT= 70 (n,n') Level 18-Ar-38
 Cross Section -100.0 To 1459. %



MAT 1831 MT= 71 (n,n') Level 18-Ar-38
 Cross Section -100.0 To 609.5 %

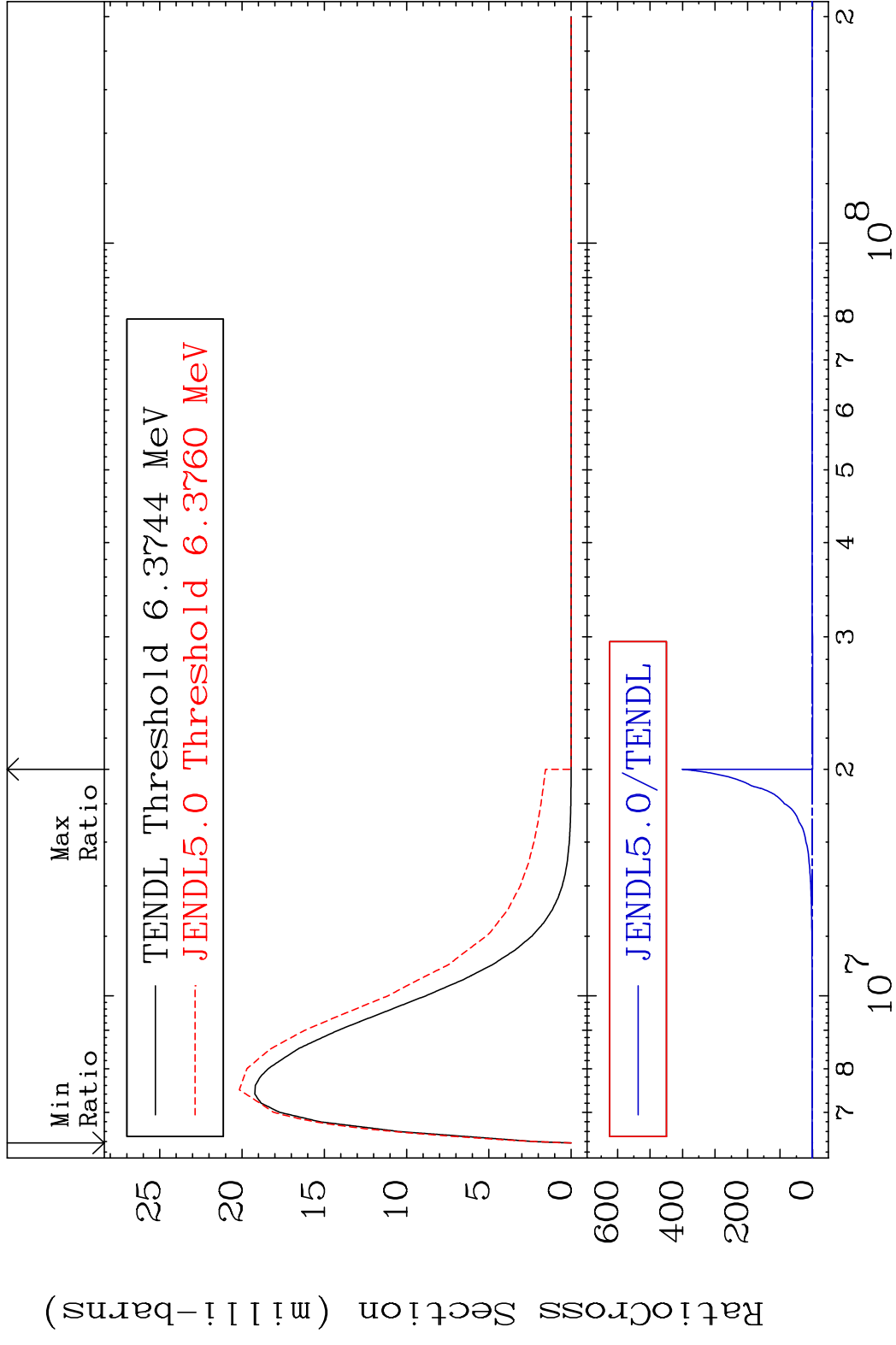


MAT 1831 MT= 72 (n,n') Level 18-Ar-38
 Cross Section -100.0 To 1657. %

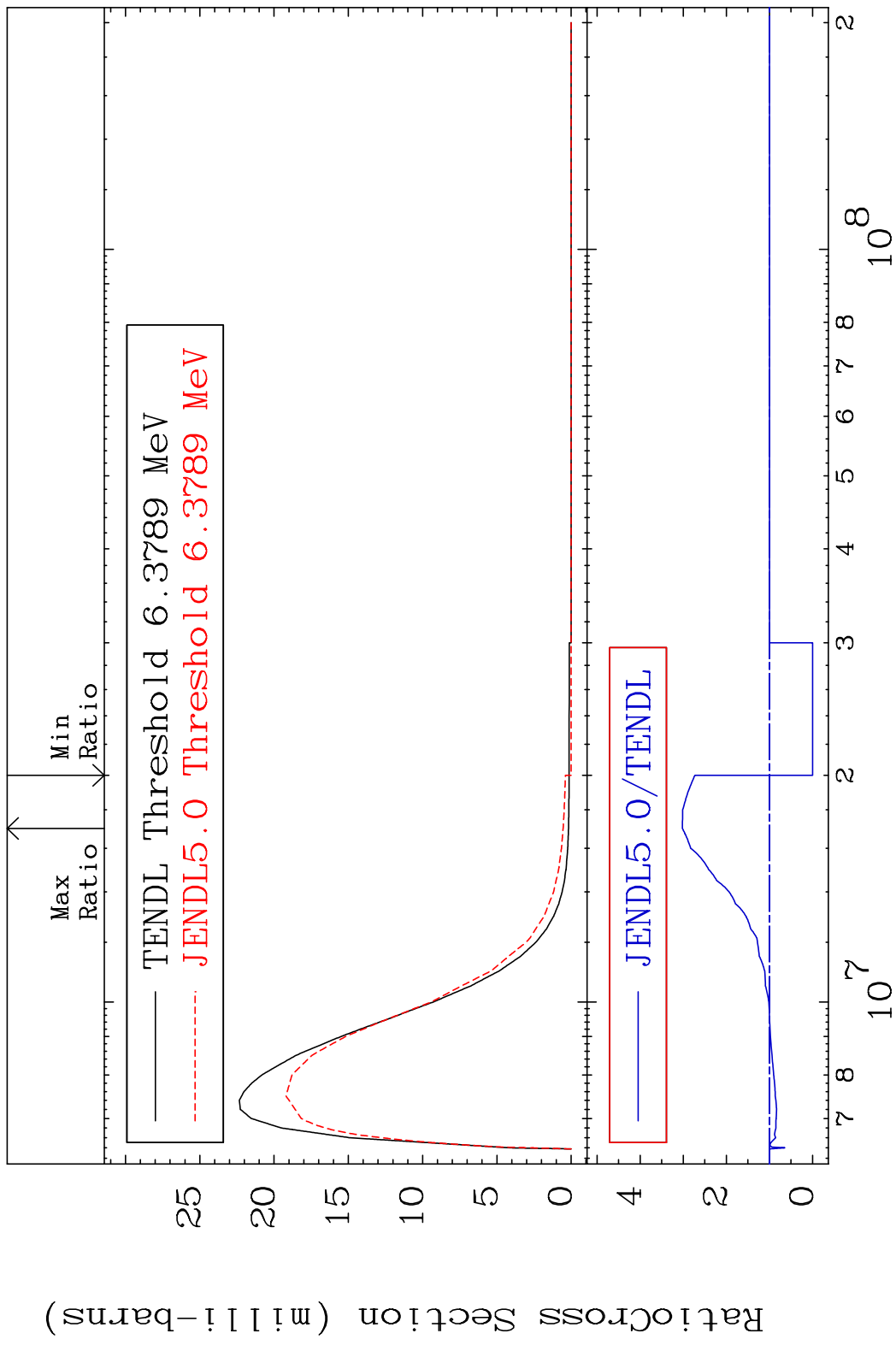


30 18-Ar-38

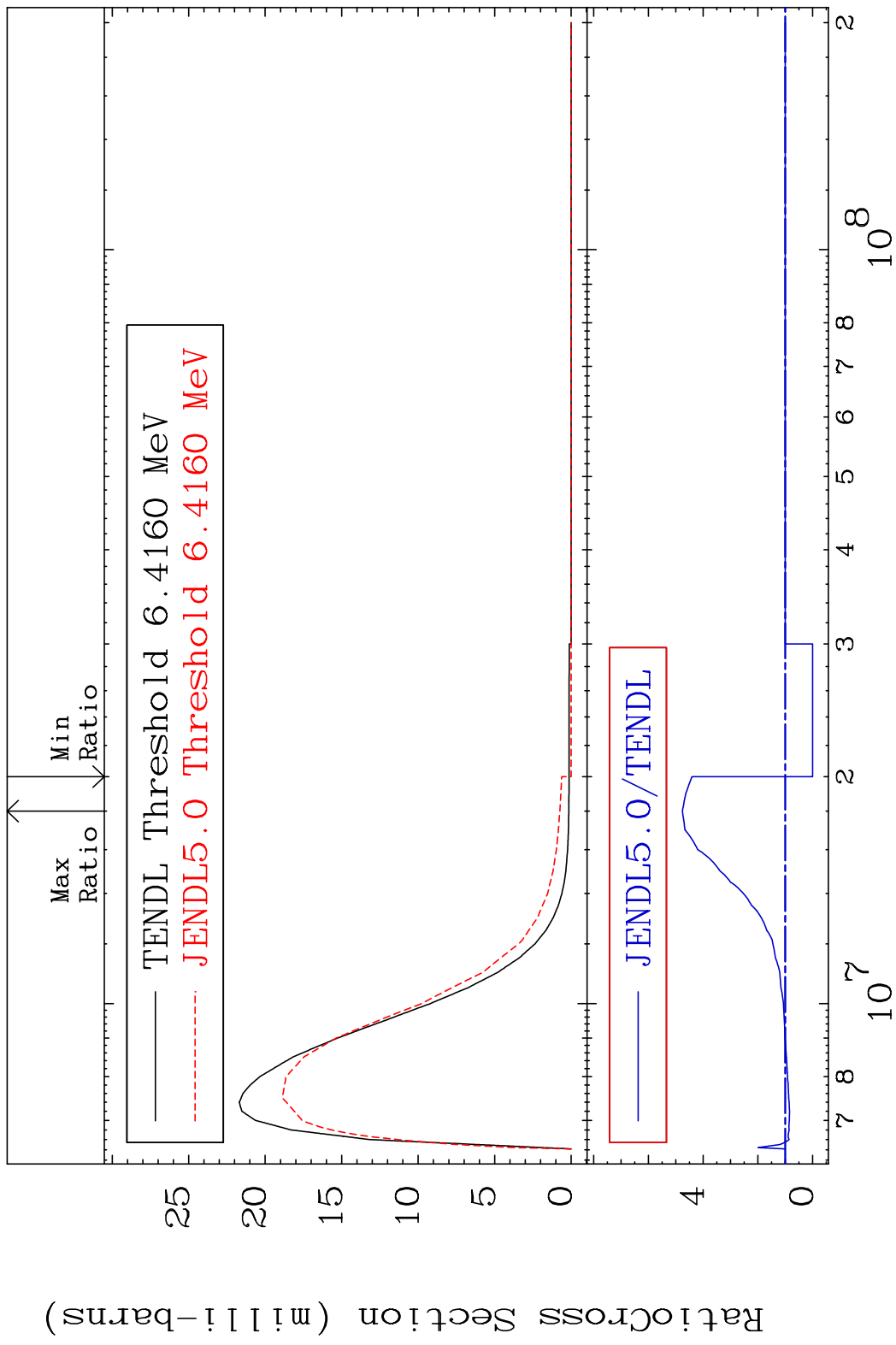
MAT 1831 MT= 73 (n,n') Level 18-Ar-38
 Cross Section -100.0 To 9999. %



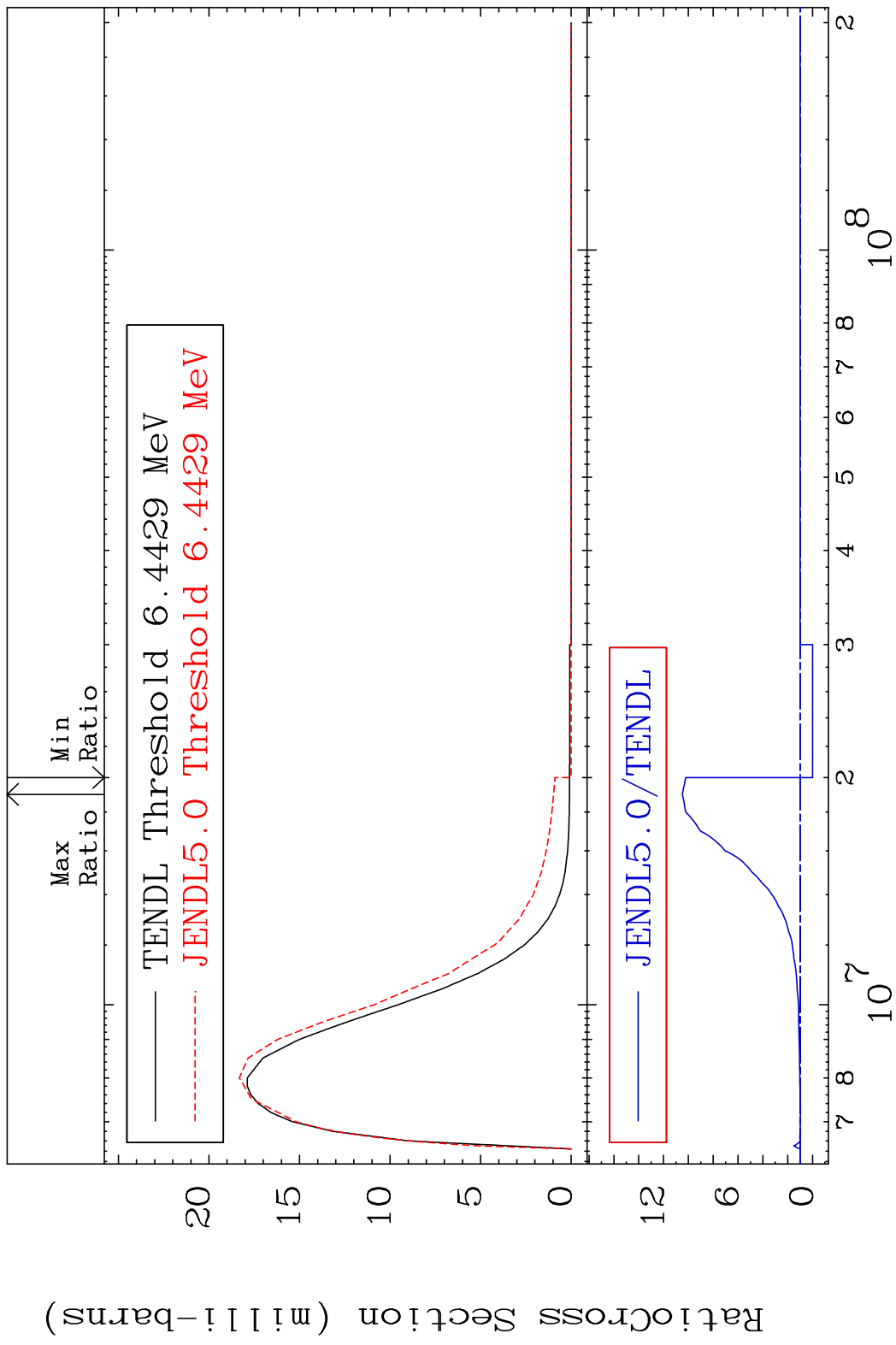
MAT 1831 MT= 74 (n,n') Level 18-Ar-38
 Cross Section -100.0 To 202.1 %



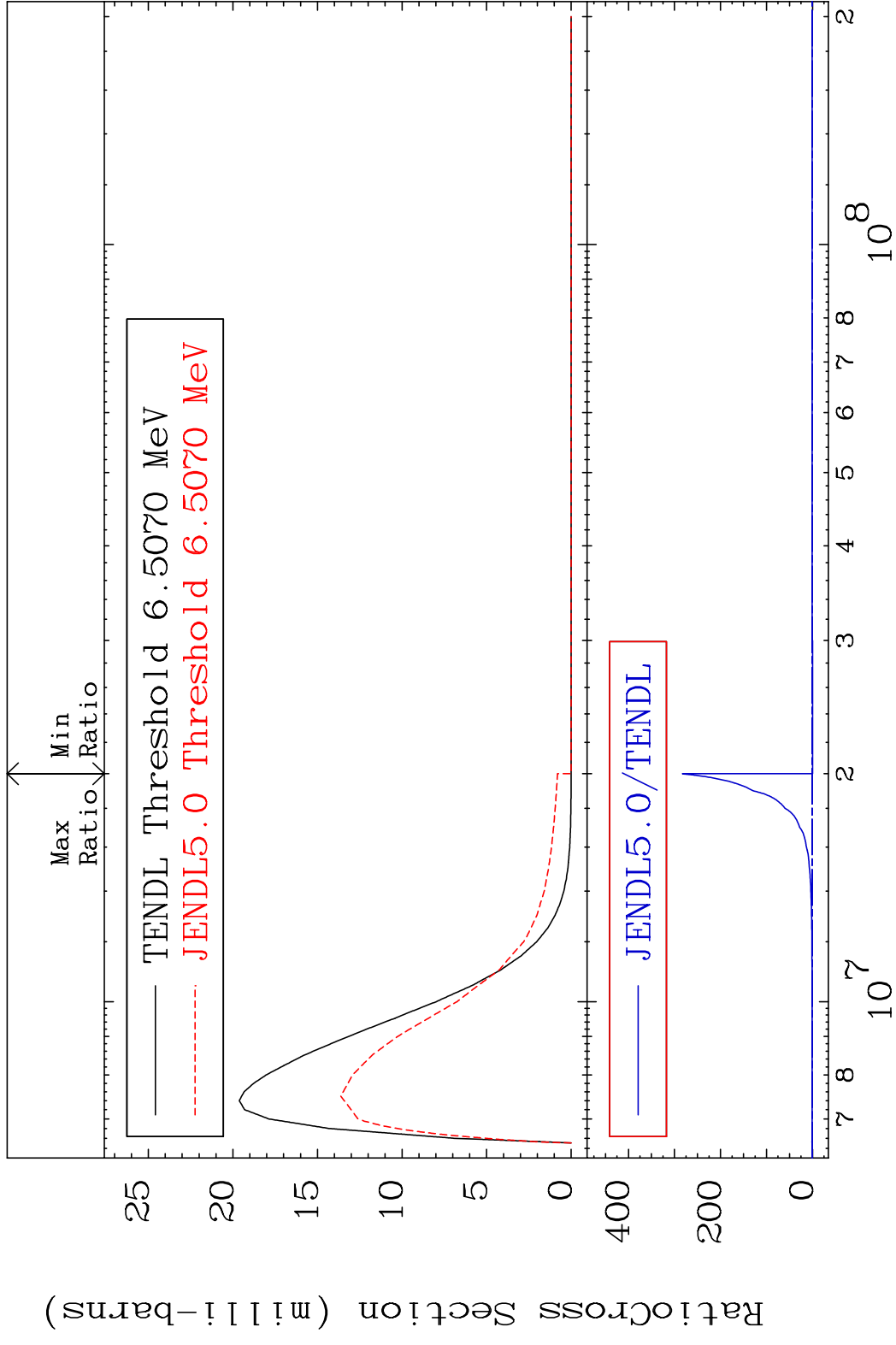
MAT 1831 MT= 75 (n,n') Level 18-Ar-38
 Cross Section -100.0 To 376.1 %



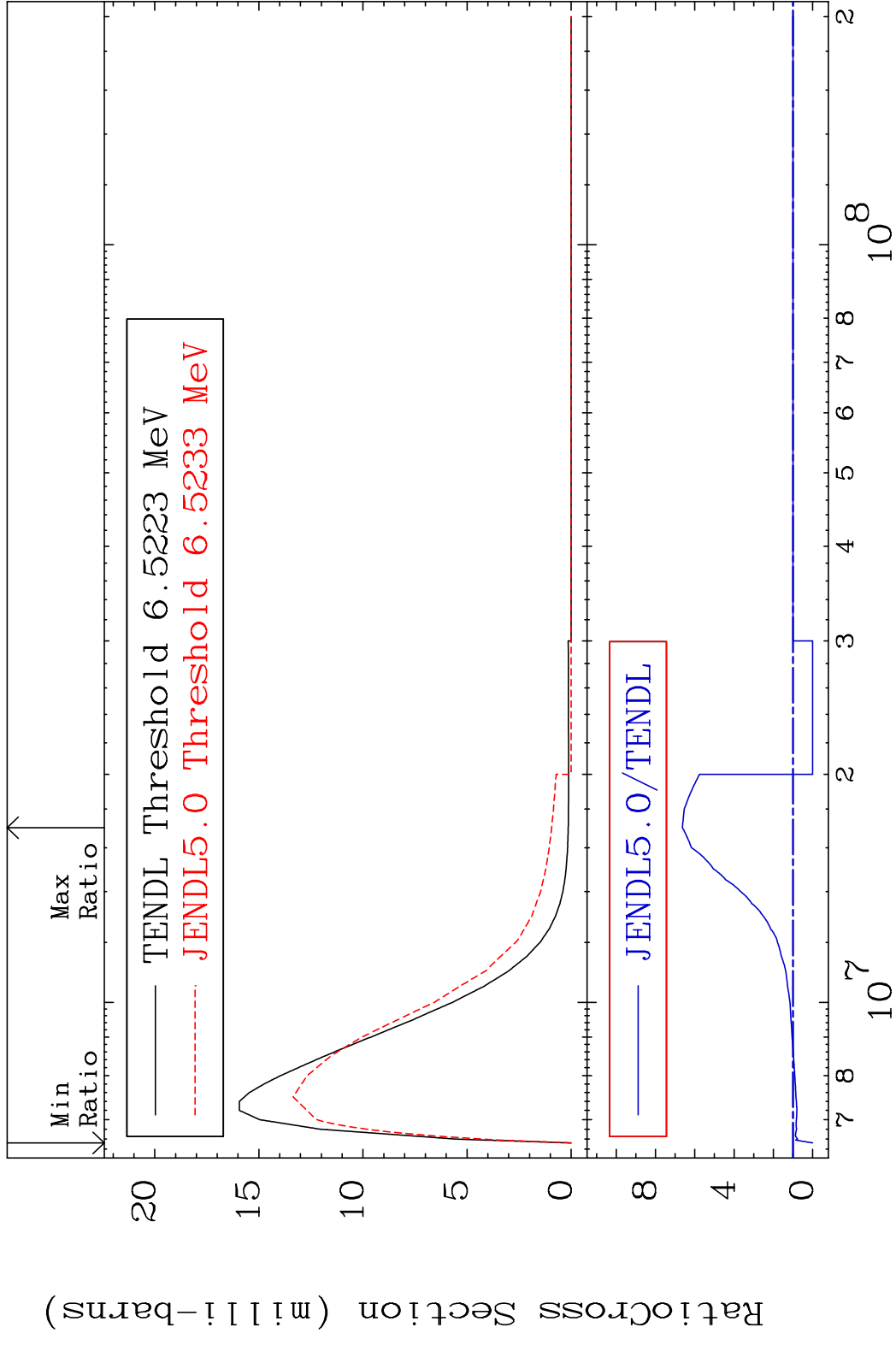
MAT 1831 MT= 76 (n,n') Level 18-Ar-38
 Cross Section -100.0 To 948.5 %



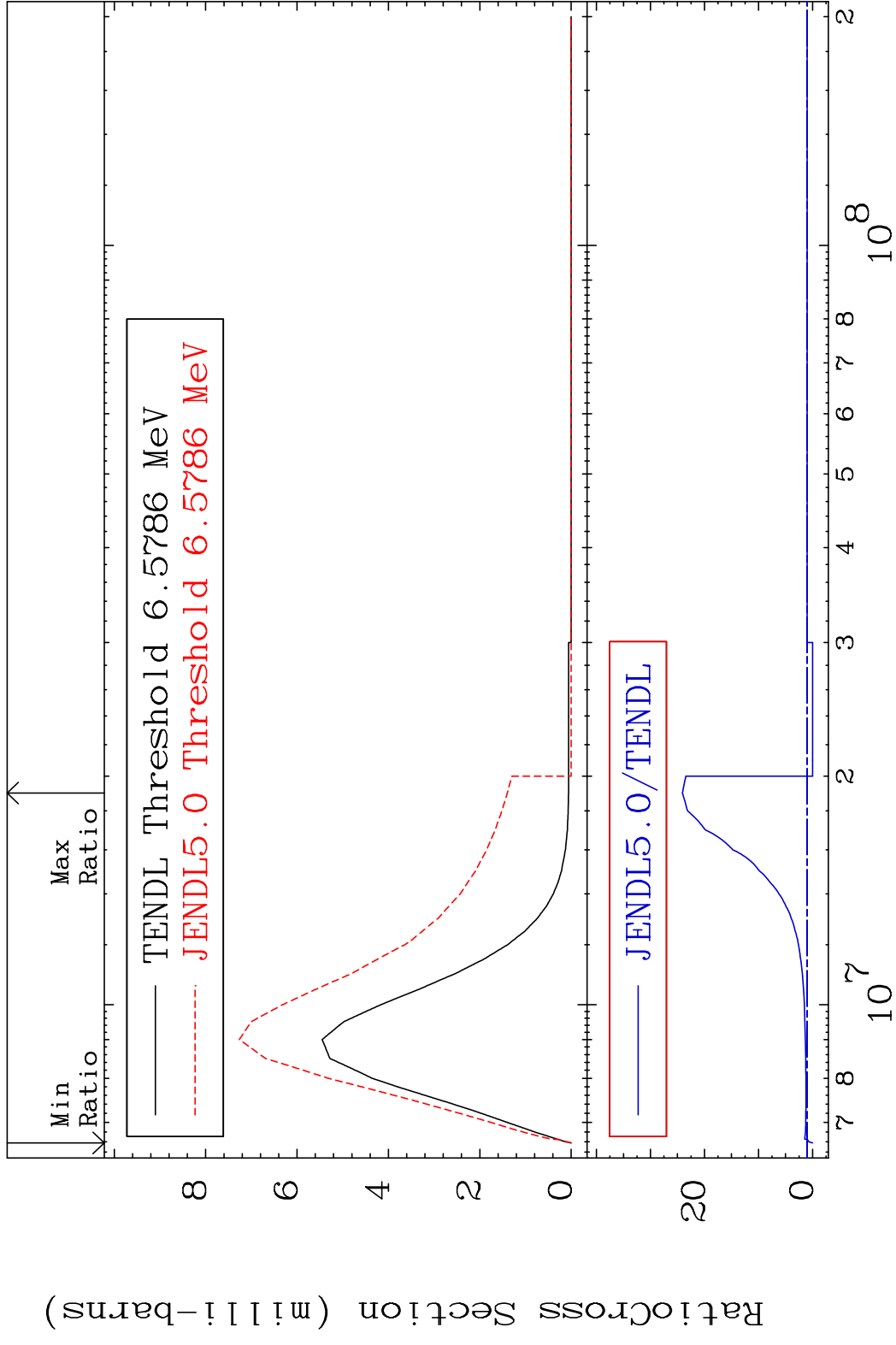
MAT 1831 MT= 77 (n,n') Level 18-Ar-38
 Cross Section -100.0 To 9999. %



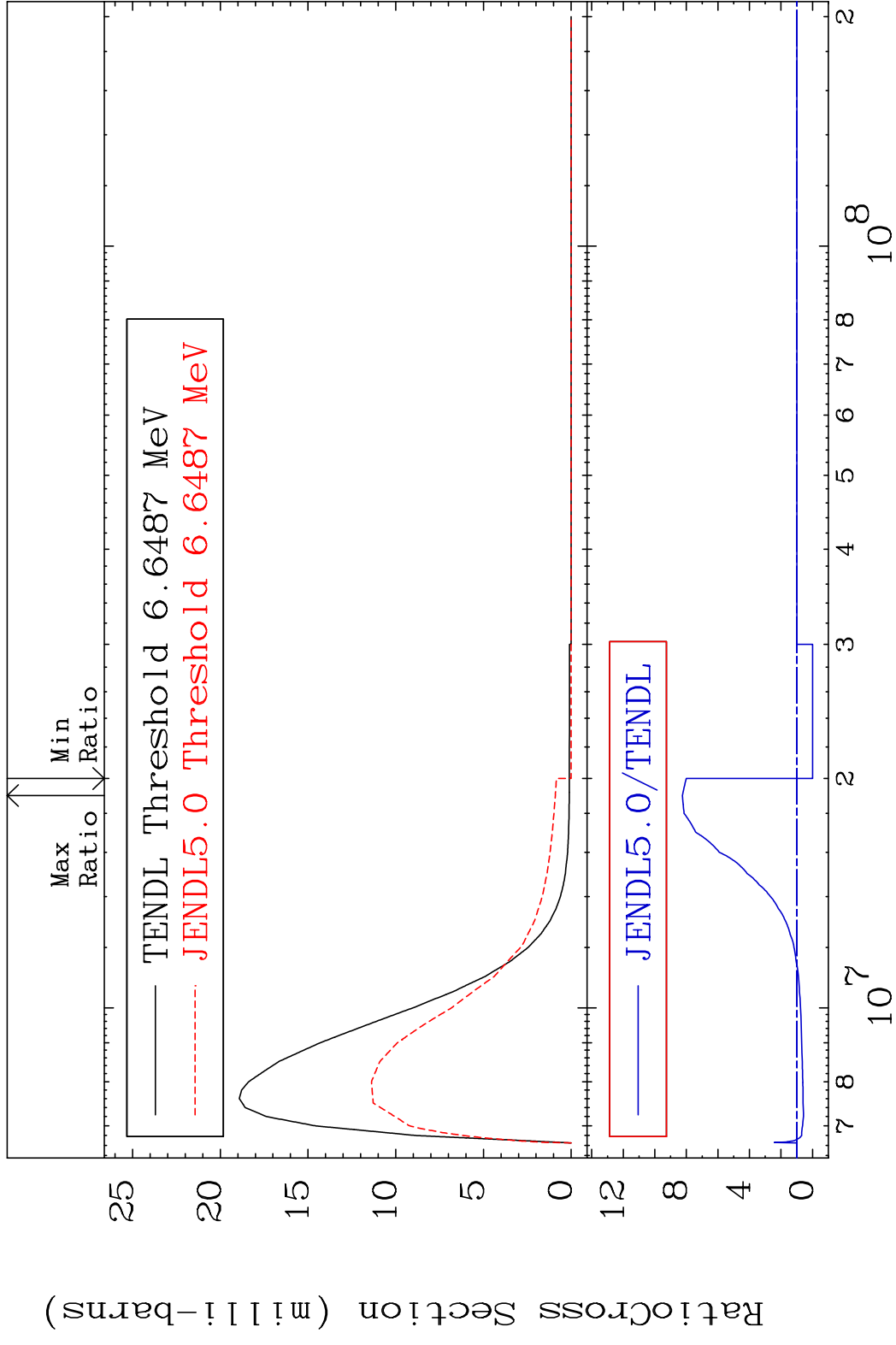
MAT 1831 MT= 78 (n,n') Level 18-Ar-38
 Cross Section -100.0 To 563.4 %



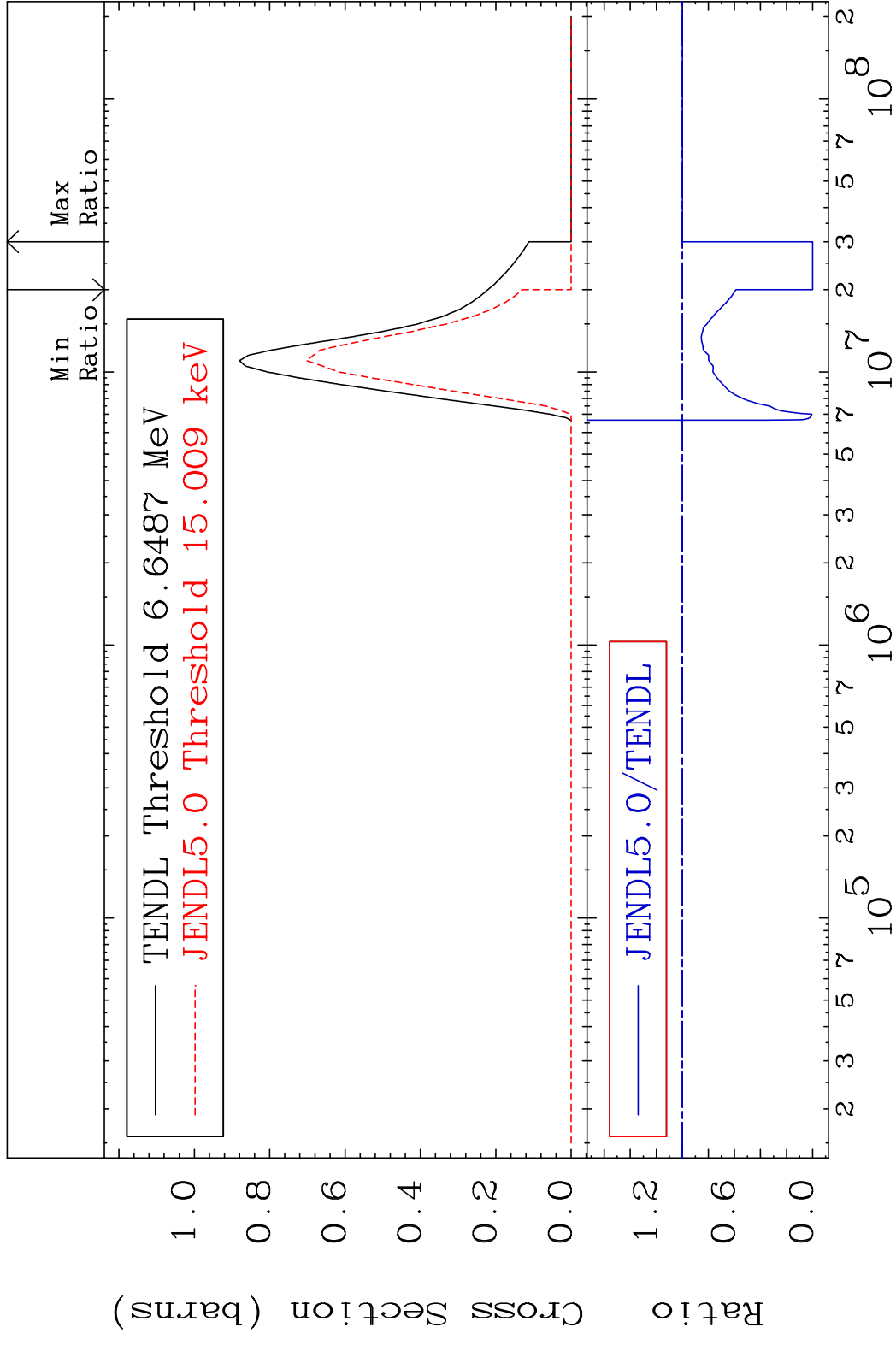
MAT 1831 MT= 79 (n,n') Level 18-Ar-38
 Cross Section -100.0 To 2310. %



MAT 1831 MT= 80 (n,n') Level 18-Ar-38
 Cross Section -100.0 To 725.5 %



MAT 1831 (n,n') Continuum 18-Ar-38
 Cross Section -100.0 To 0.000 %

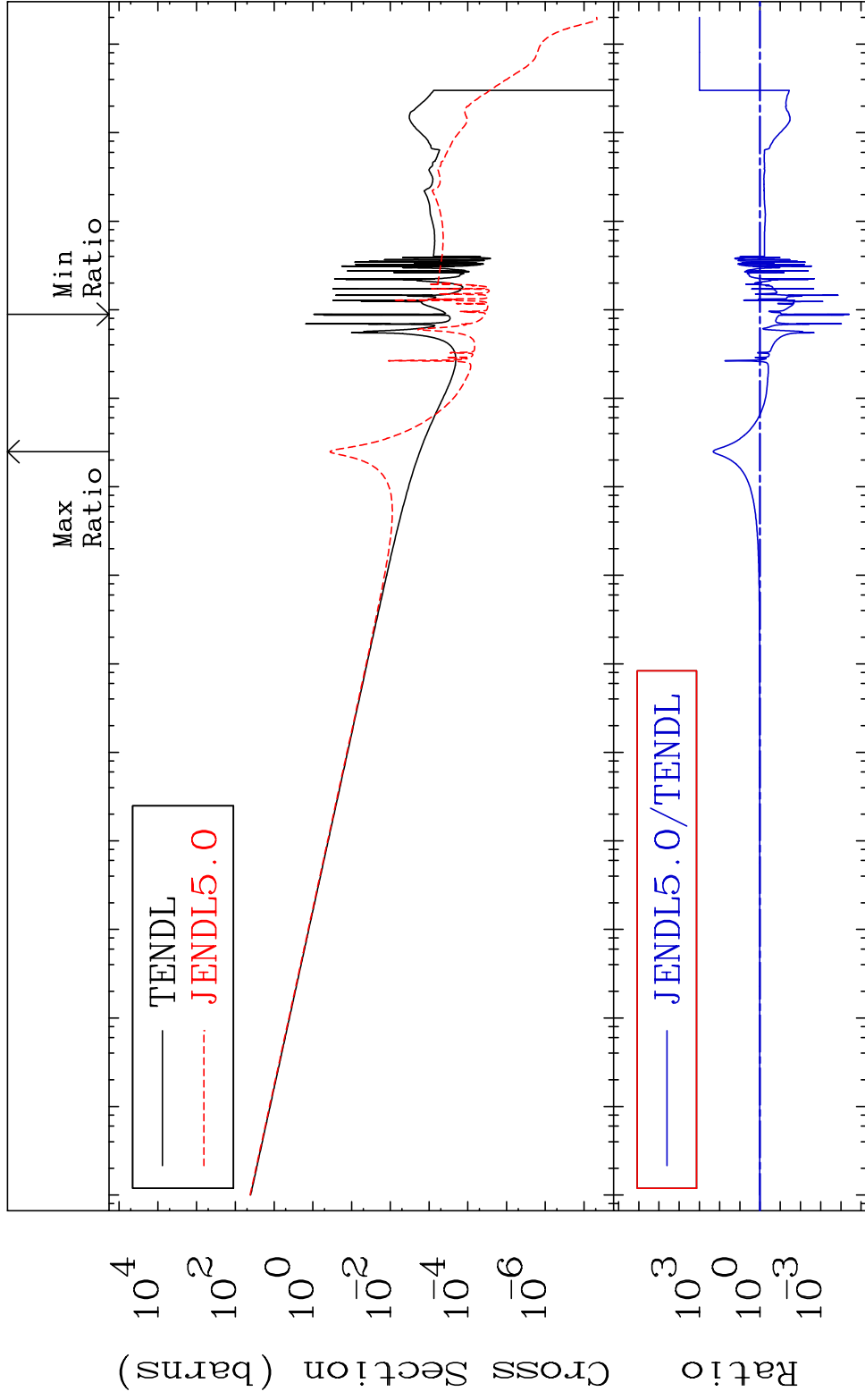


MAT 1831

(n, γ)

18-Ar-38

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

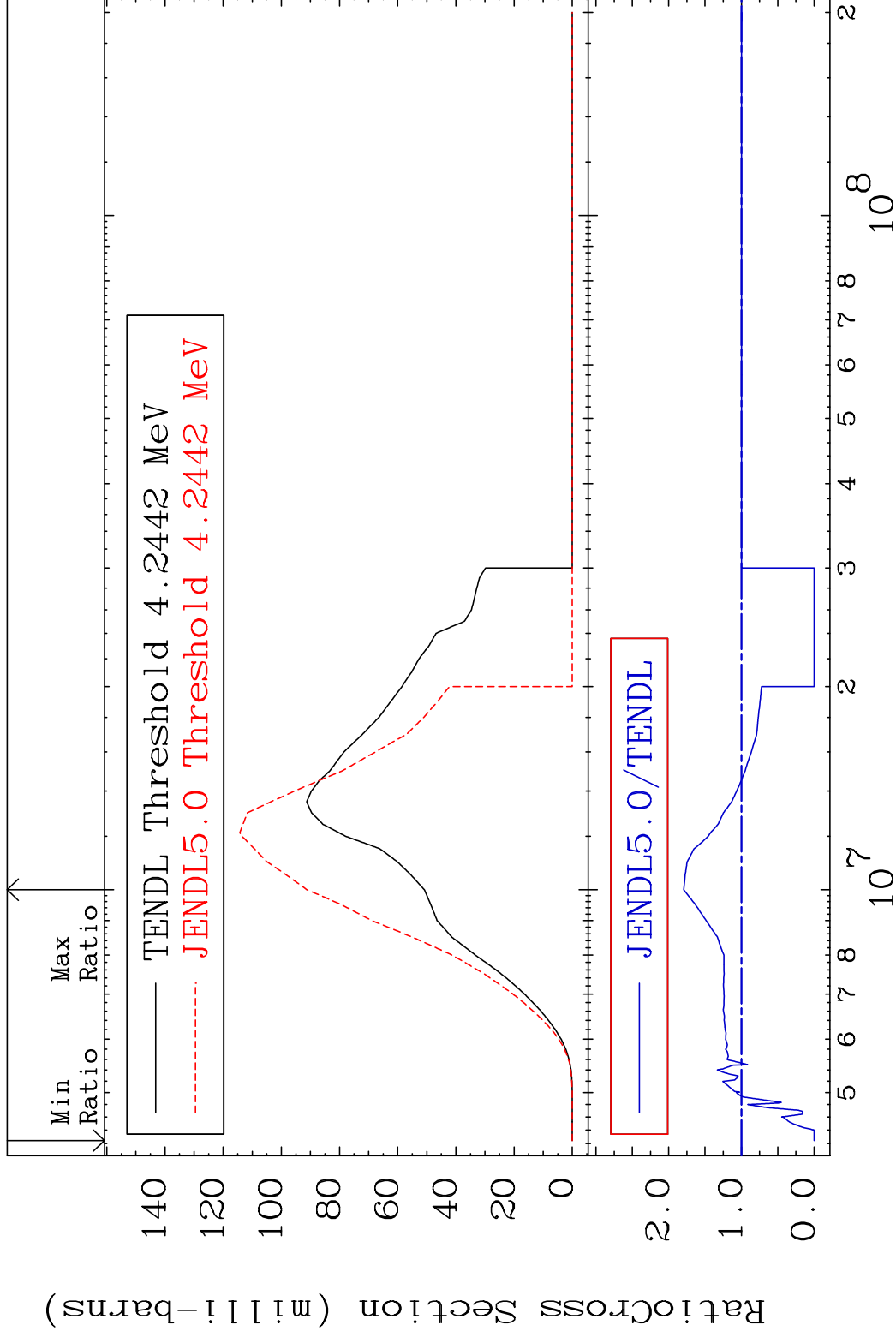
18-Ar-38

MAT 1831

(n,p)

18-Ar-38

Cross Section -100.0 To 79.38 %



41

Incident Energy (eV)

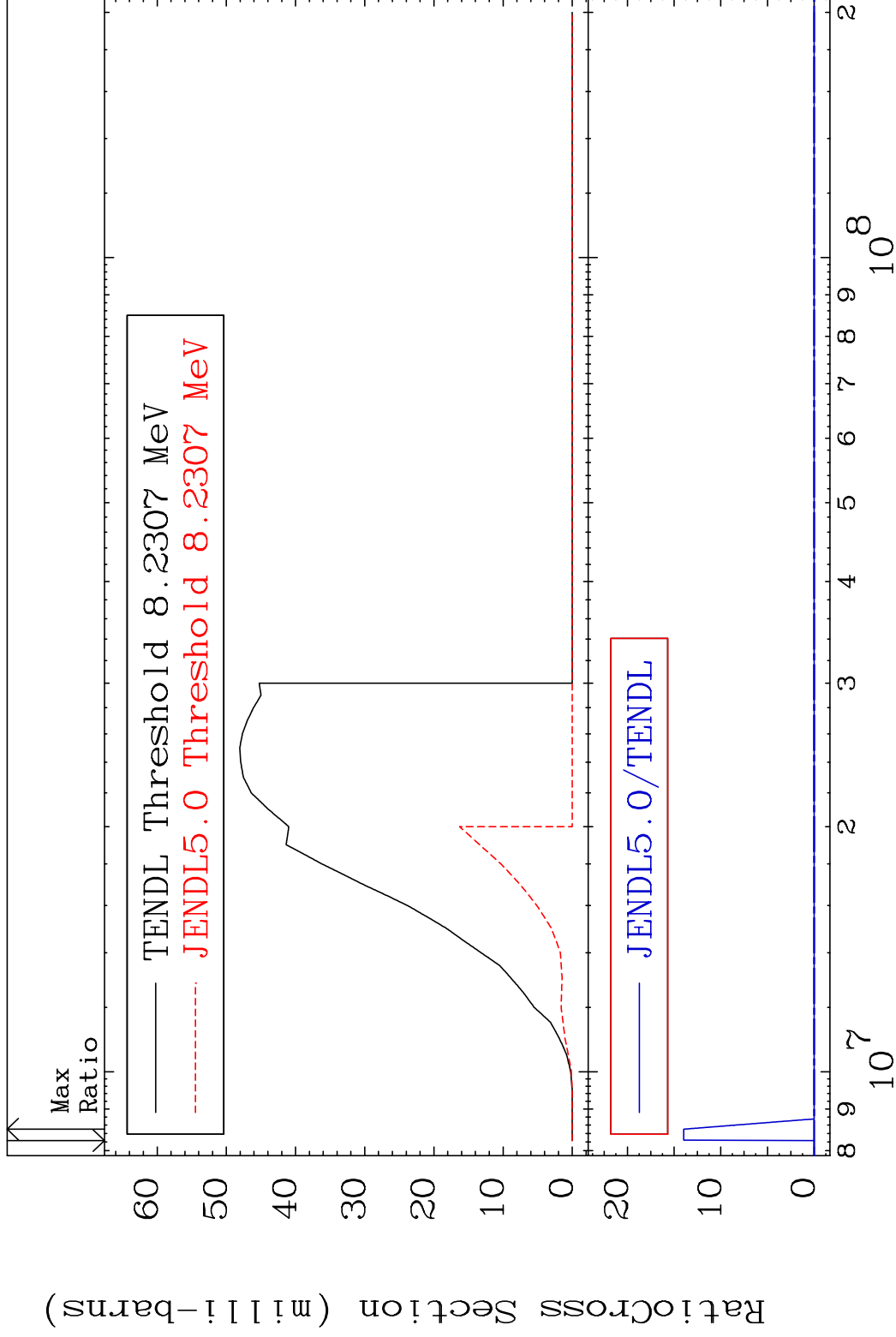
18-Ar-38

MAT 1831

(n,d)

18-Ar-38

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

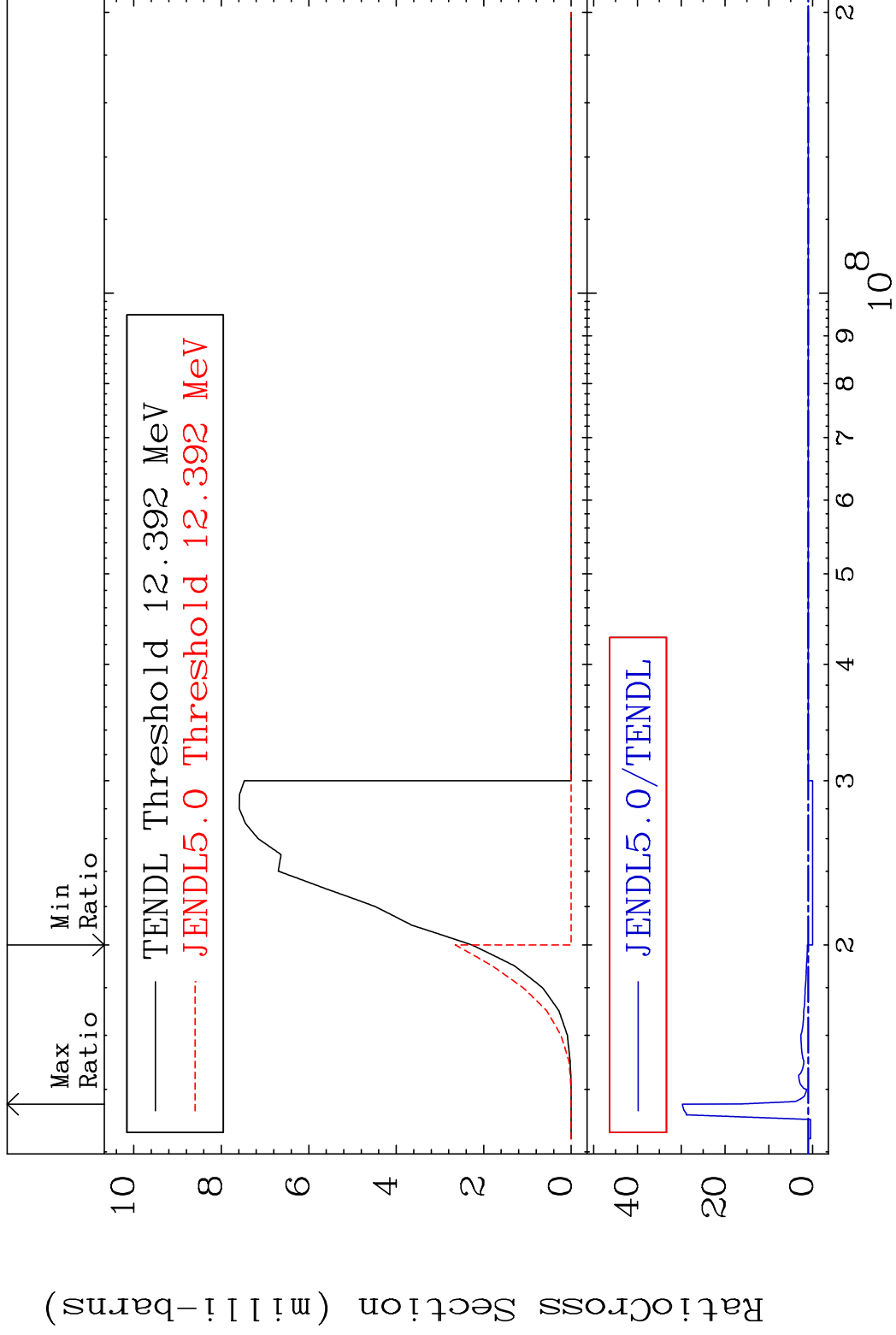
18-Ar-38

MAT 1831

(n, t)

18-Ar-38

Cross Section -100.0 To 2874. %

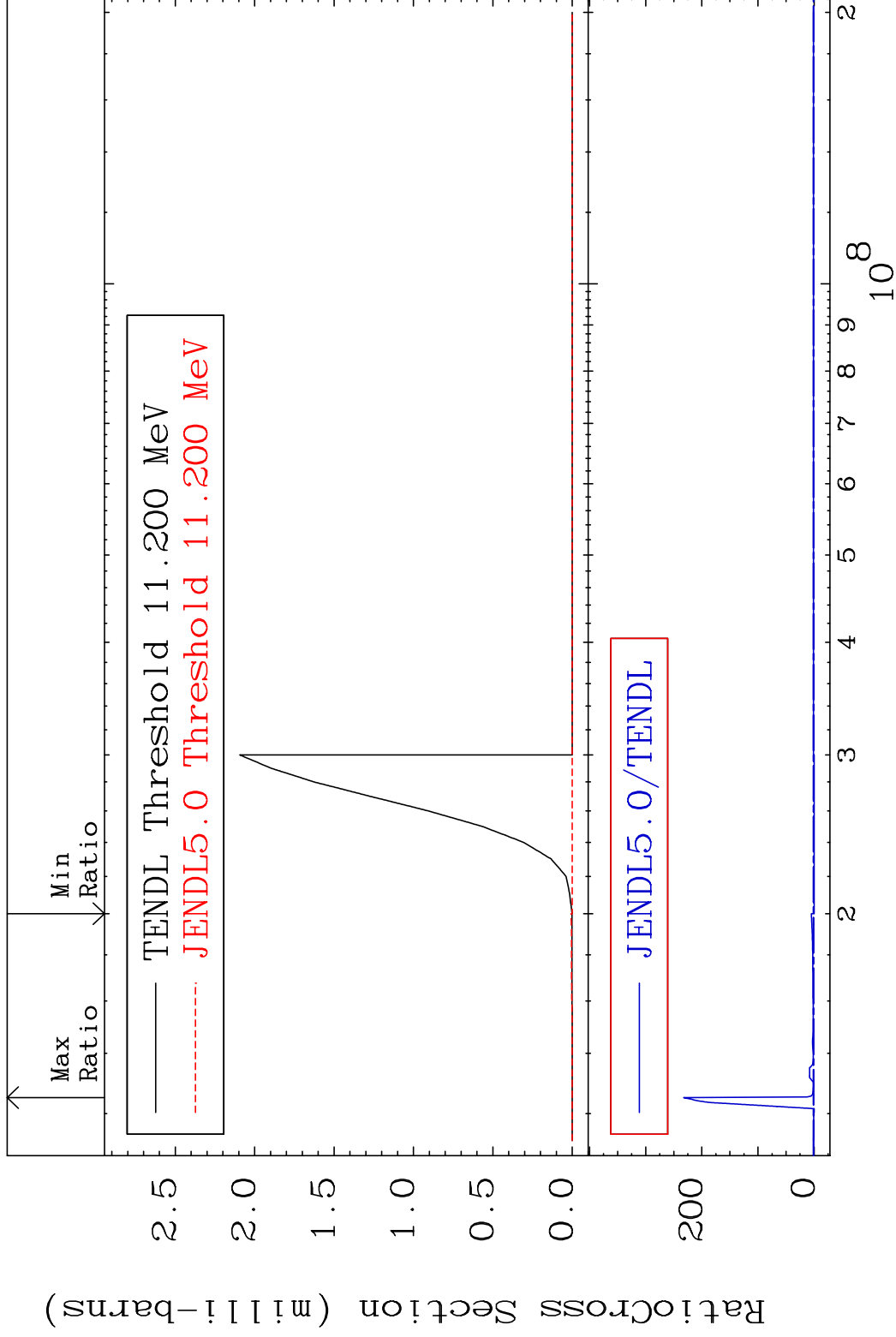


43

Incident Energy (eV)

18-Ar-38

Cross Section -100.0 To 9999. %

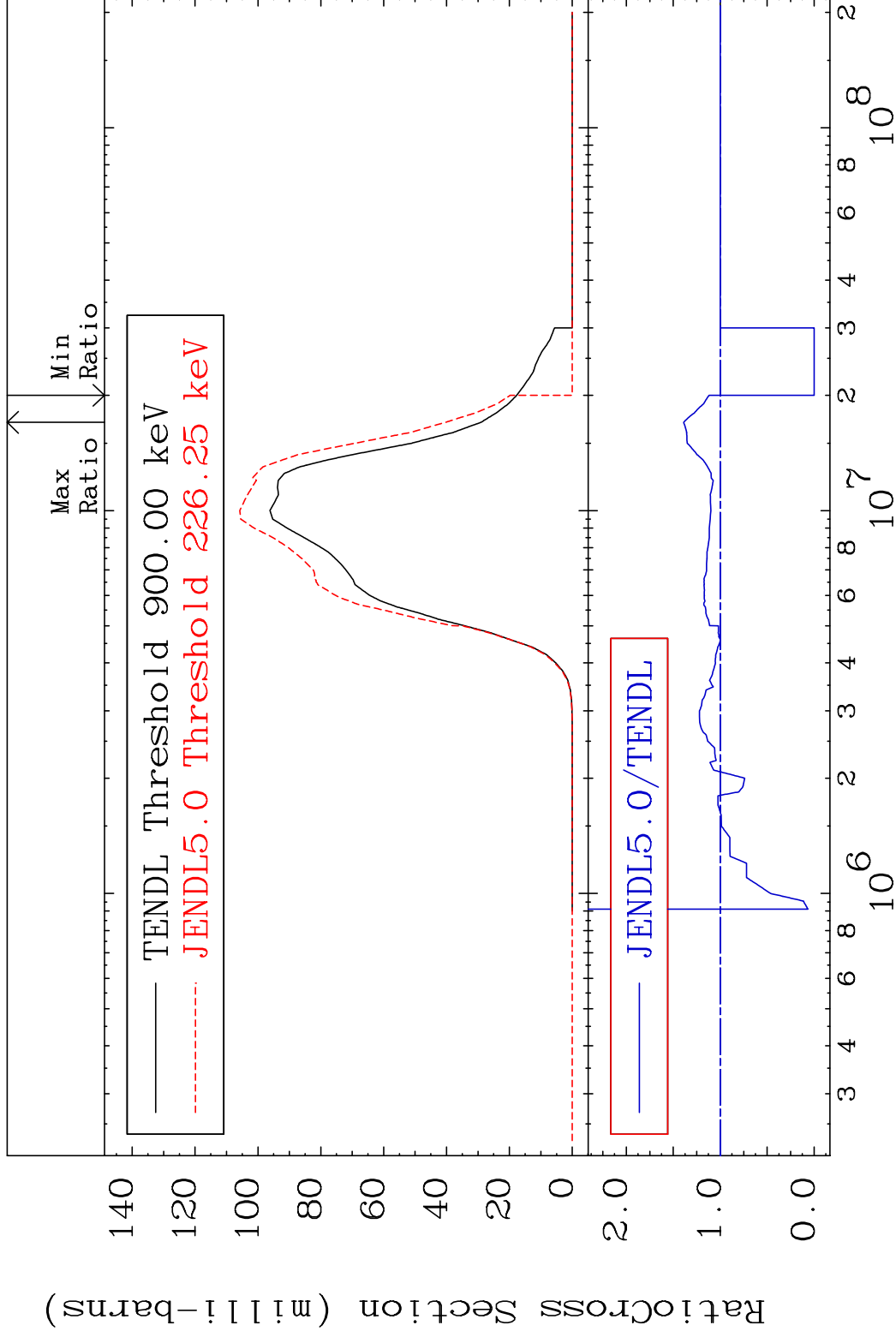


MAT 1831

(n, α)

18-Ar-38

Cross Section -100.0 To 38.92 %



45

Incident Energy (eV)

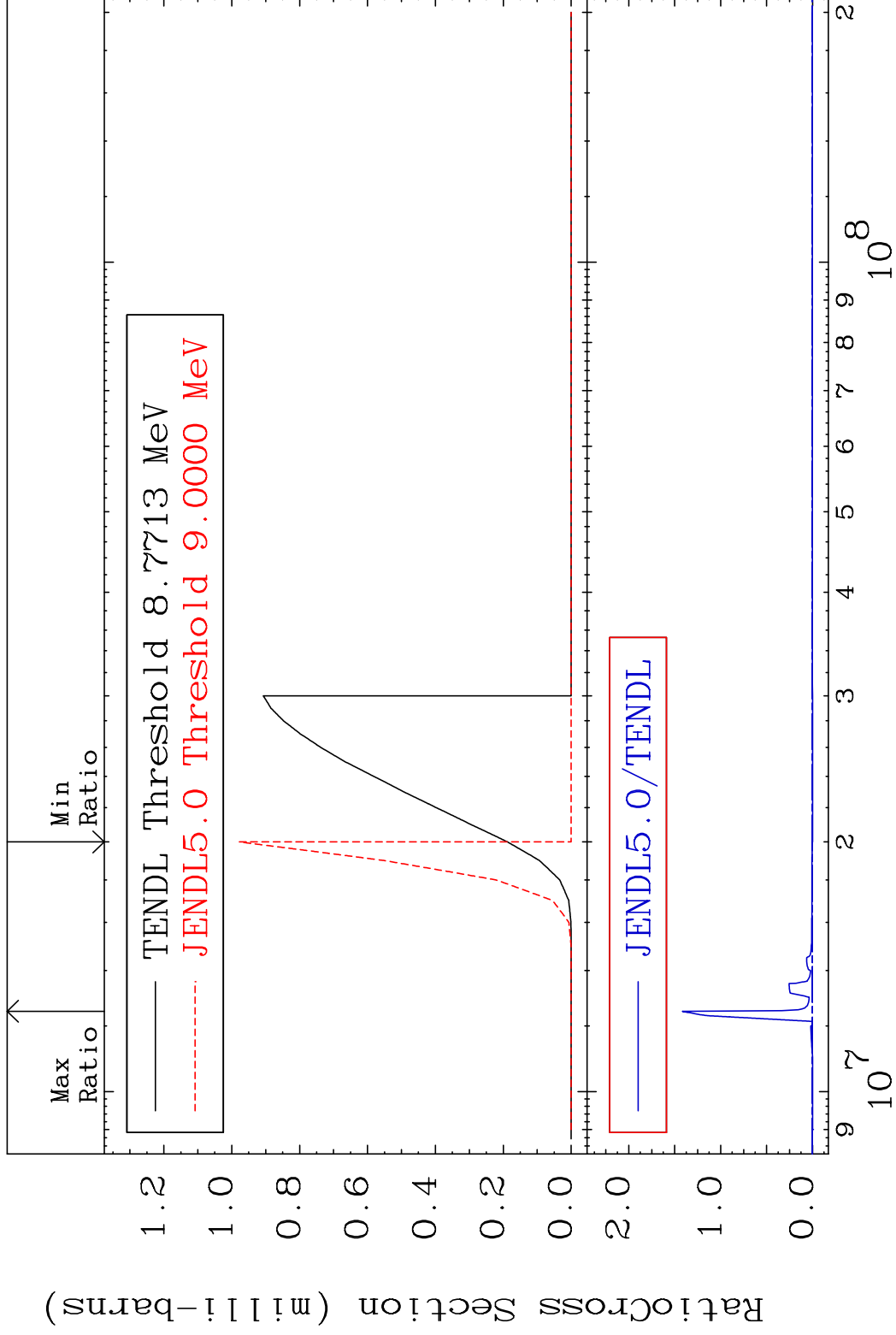
18-Ar-38

MAT 1831

(n,2α)

18-Ar-38

Cross Section -100.0 To 9999. %

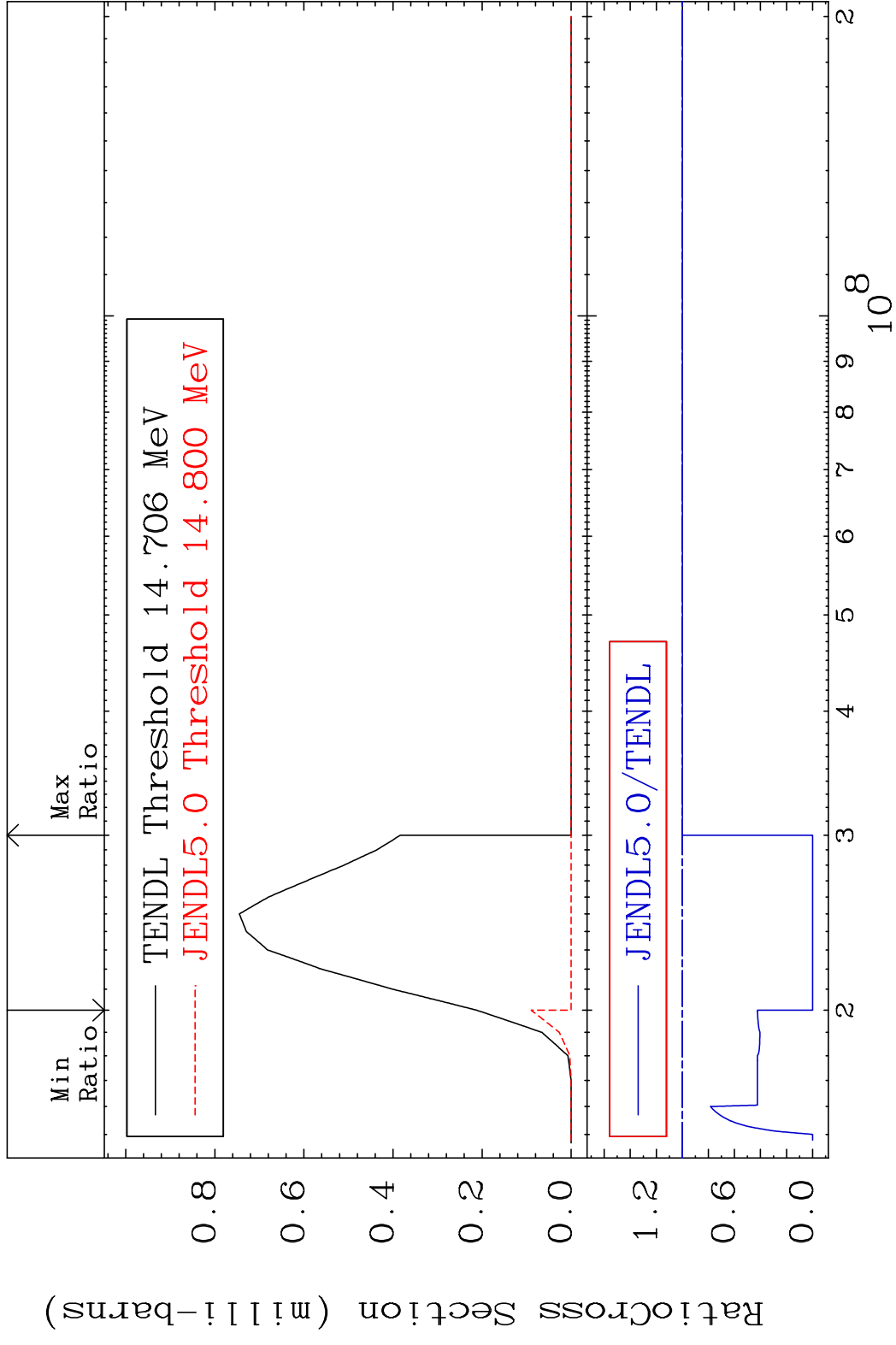


46

Incident Energy (eV)

18-Ar-38

MAT 1831 (n,2p) 18-Ar-38
 Cross Section -100.0 To 0.000 %

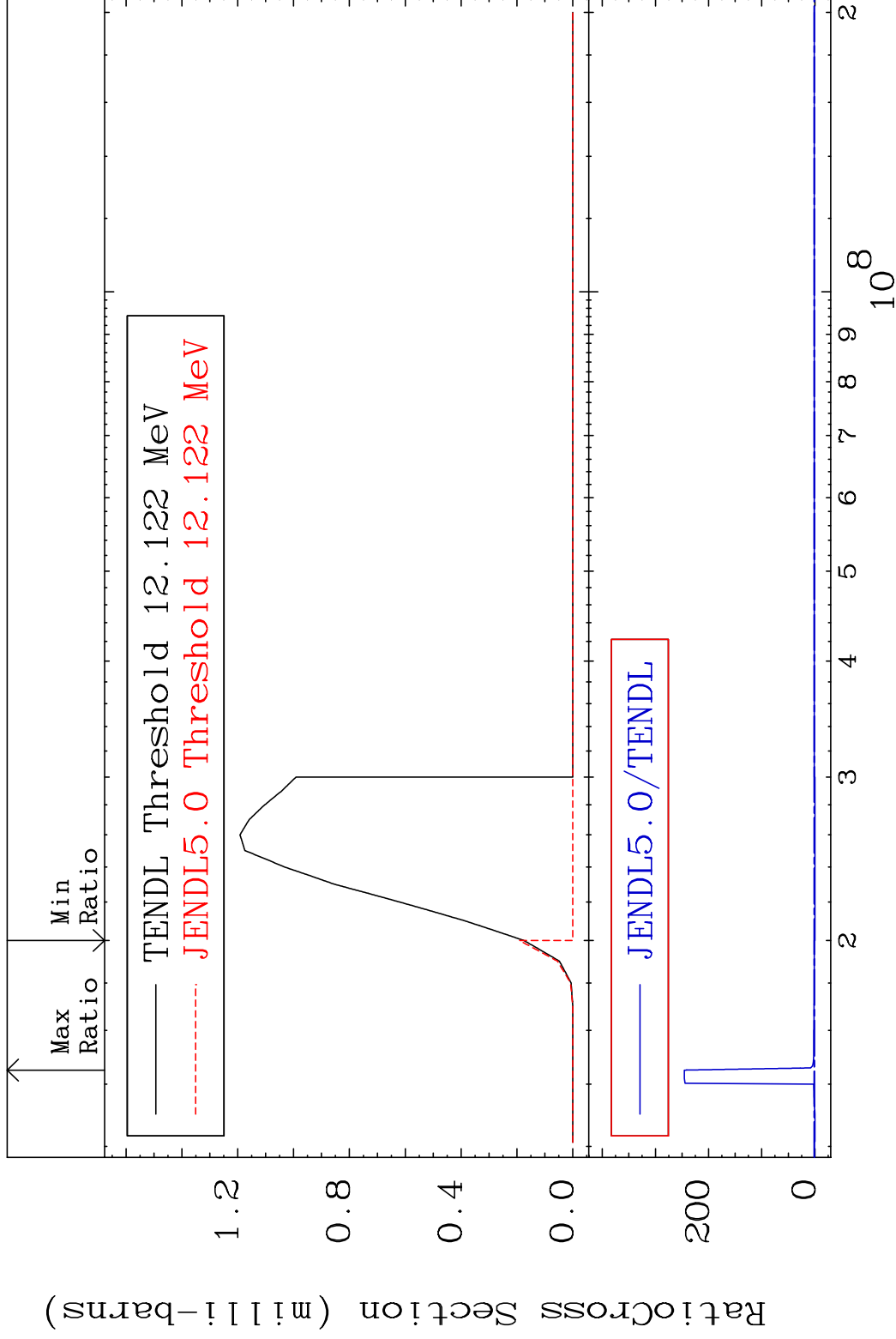


MAT 1831

(n,p) α

18-Ar-38

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

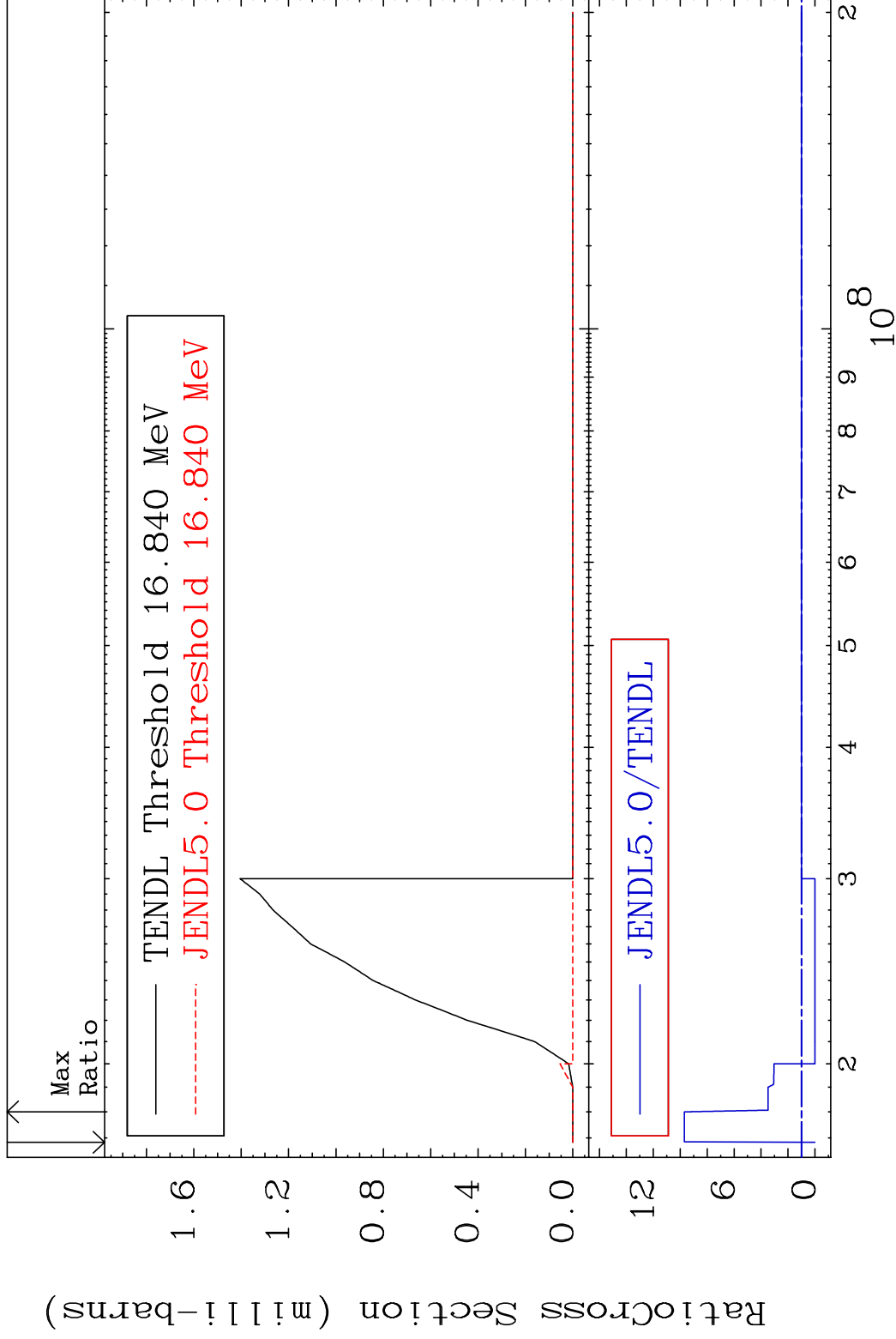
18-Ar-38

MAT 1831

(n,p) d

18-Ar-38

Cross Section -100.0 To 869.7 %



49

Incident Energy (eV)

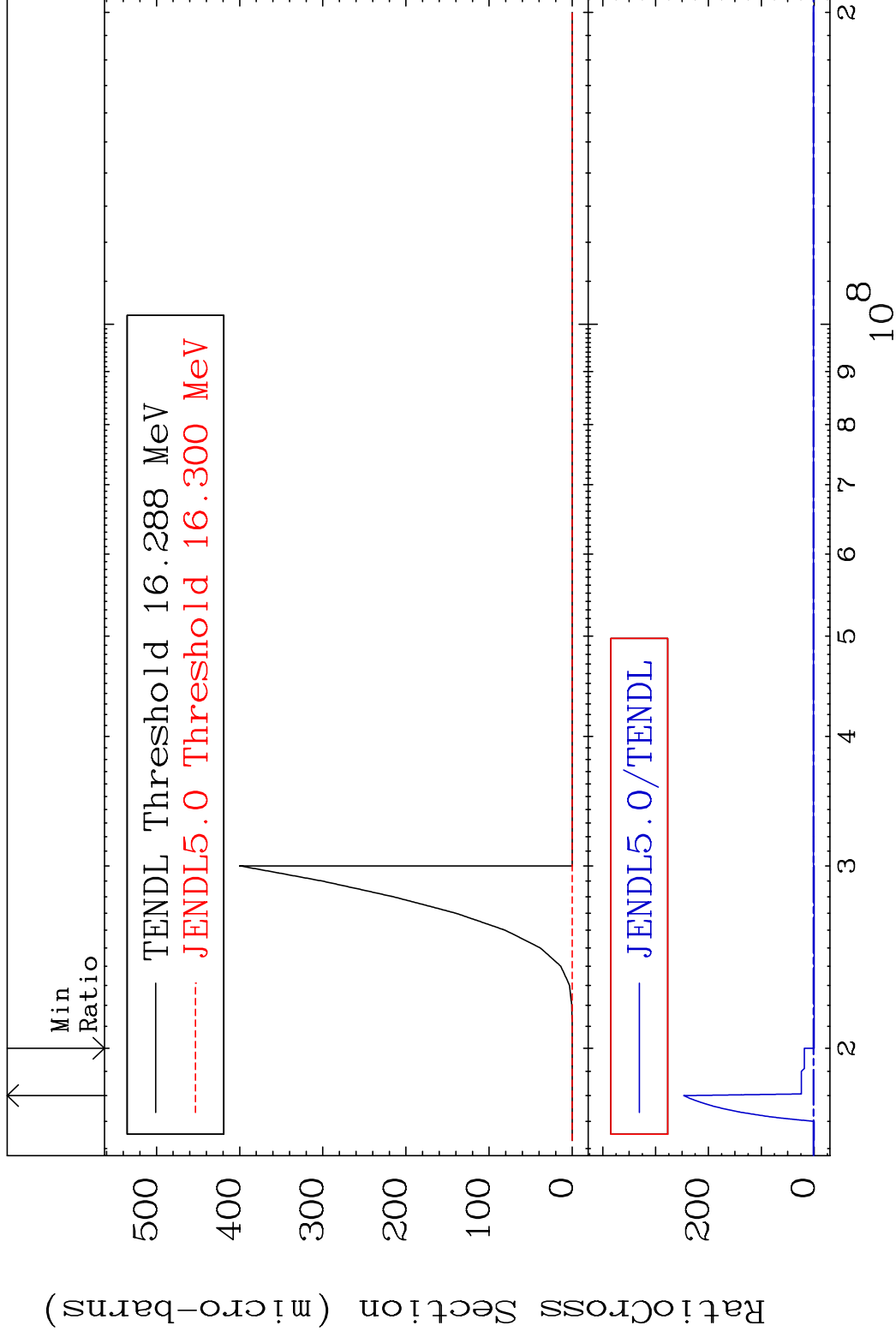
18-Ar-38

MAT 1831

(n,d) α

18-Ar-38

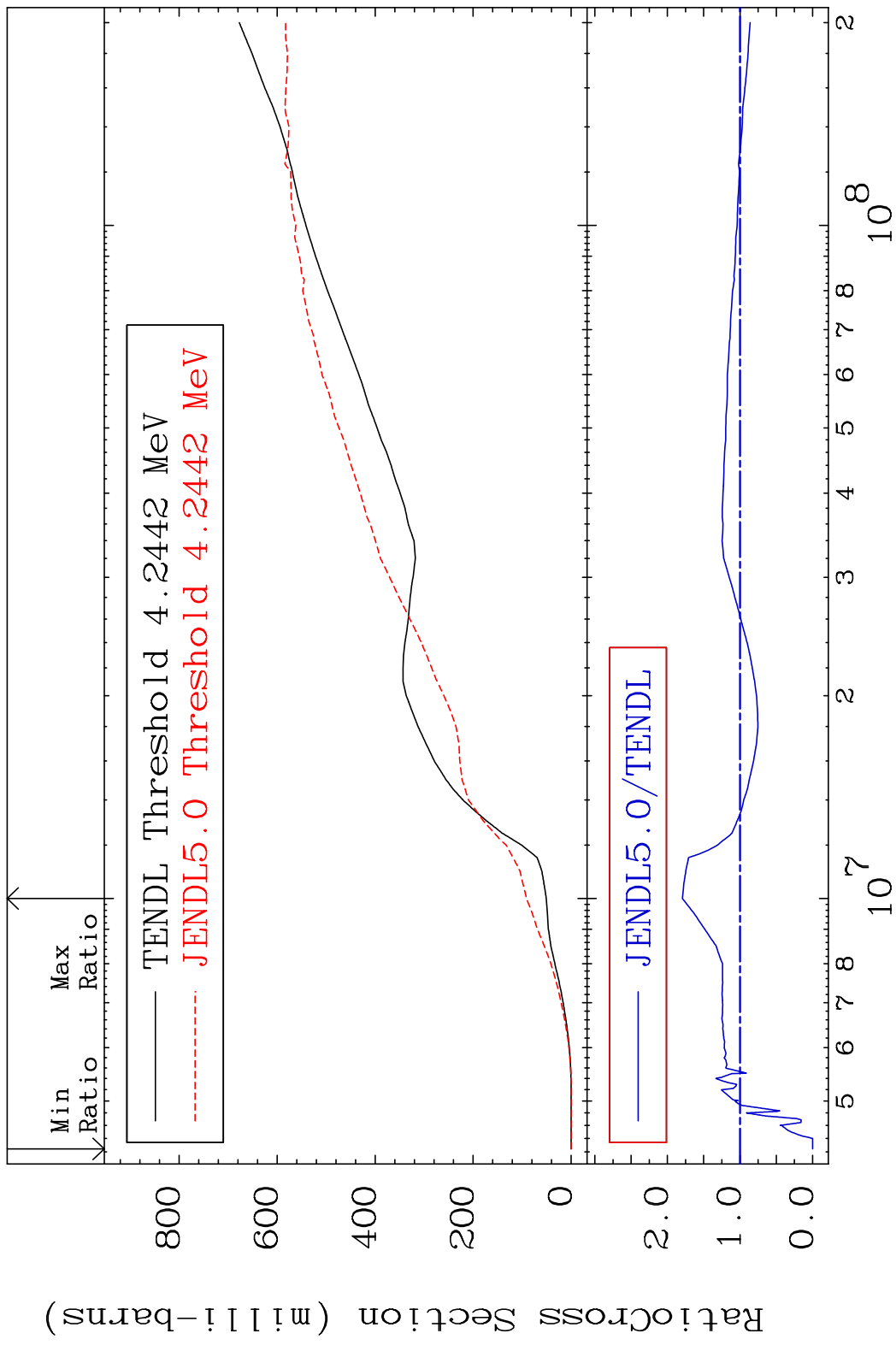
Cross Section -100.0 To 9999. %



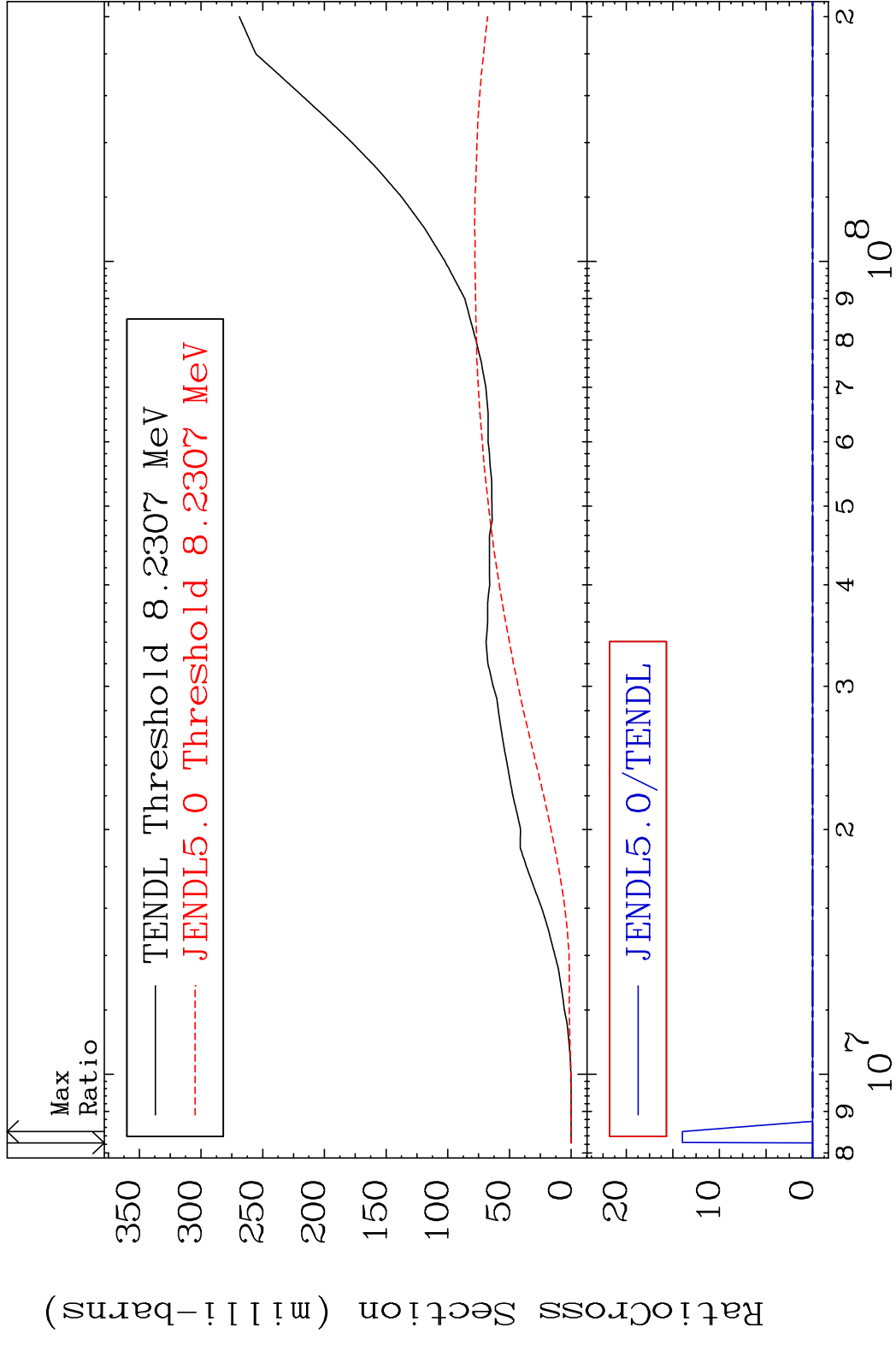
50

18-Ar-38

MAT 1831 Hydrogen Production 18-Ar-38
 Cross Section -100.0 To 79.38 %



MAT 1831 Deuterium Production 18-Ar-38
 Cross Section -100.0 To 9999. %

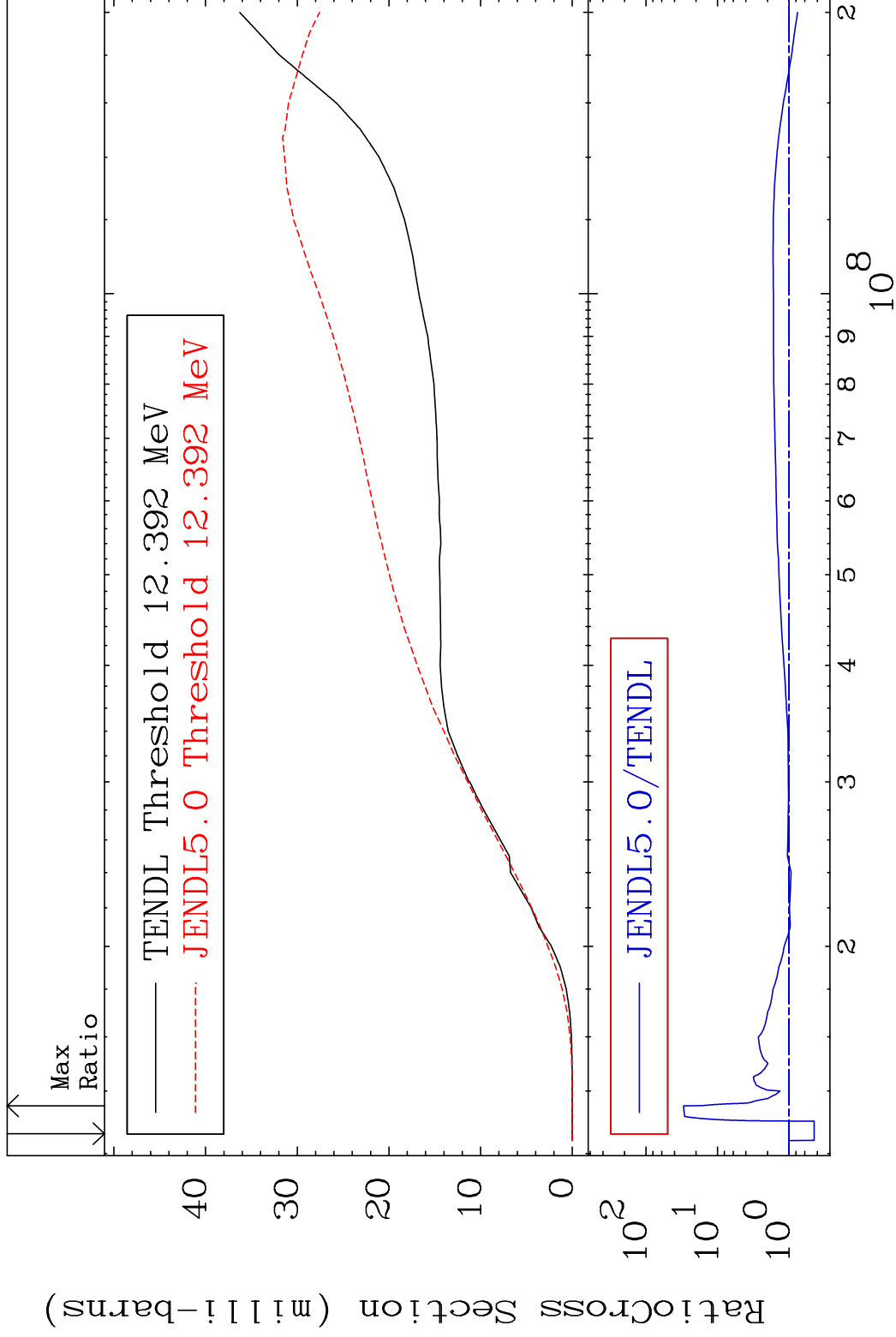


MAT 1831

Tritium Production

18-Ar-38

Cross Section -55.44 To 2874. %



53

Incident Energy (eV)

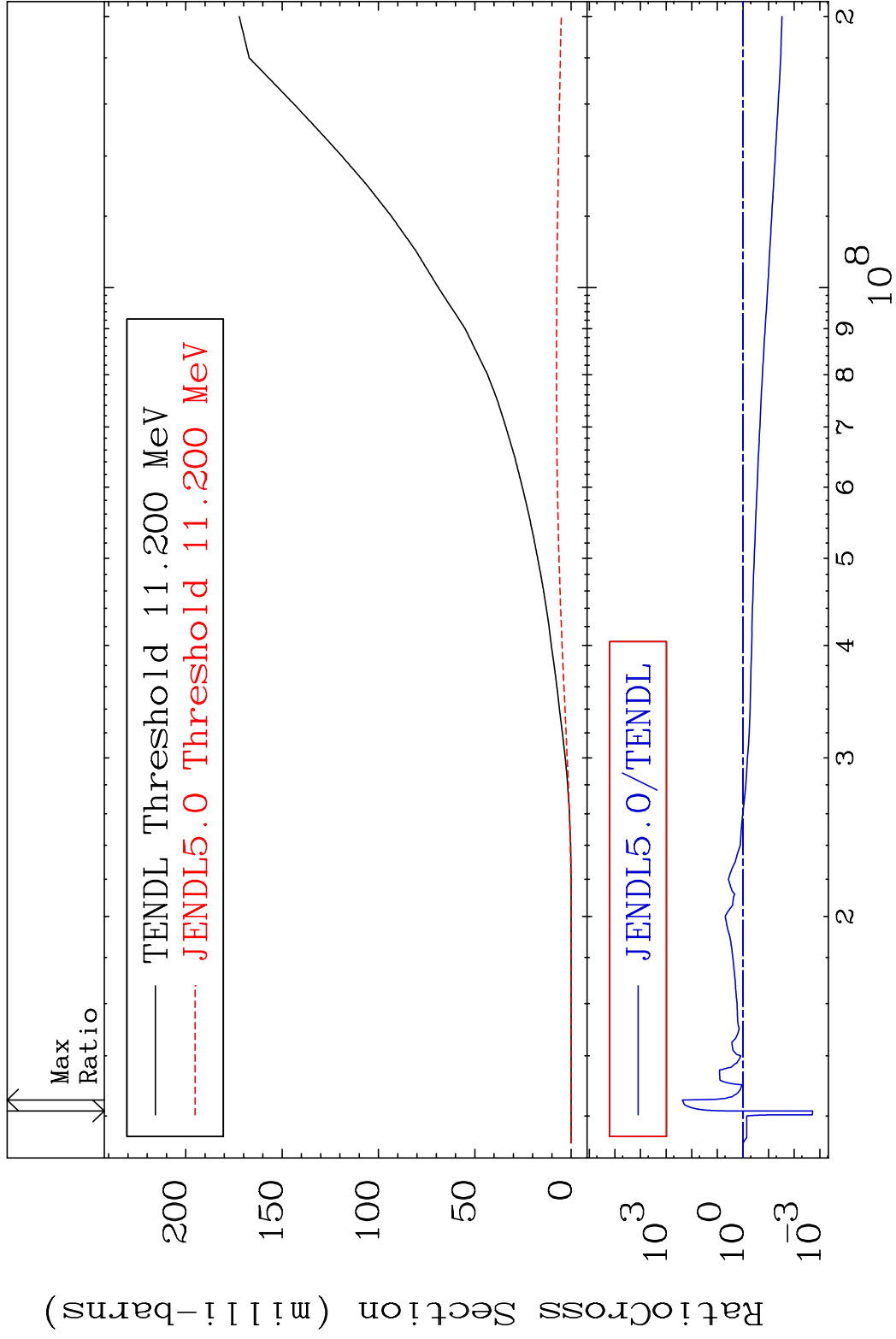
18-Ar-38

MAT 1831

He-3 Production

18-Ar-38

Cross Section -99.81 To 9999. %

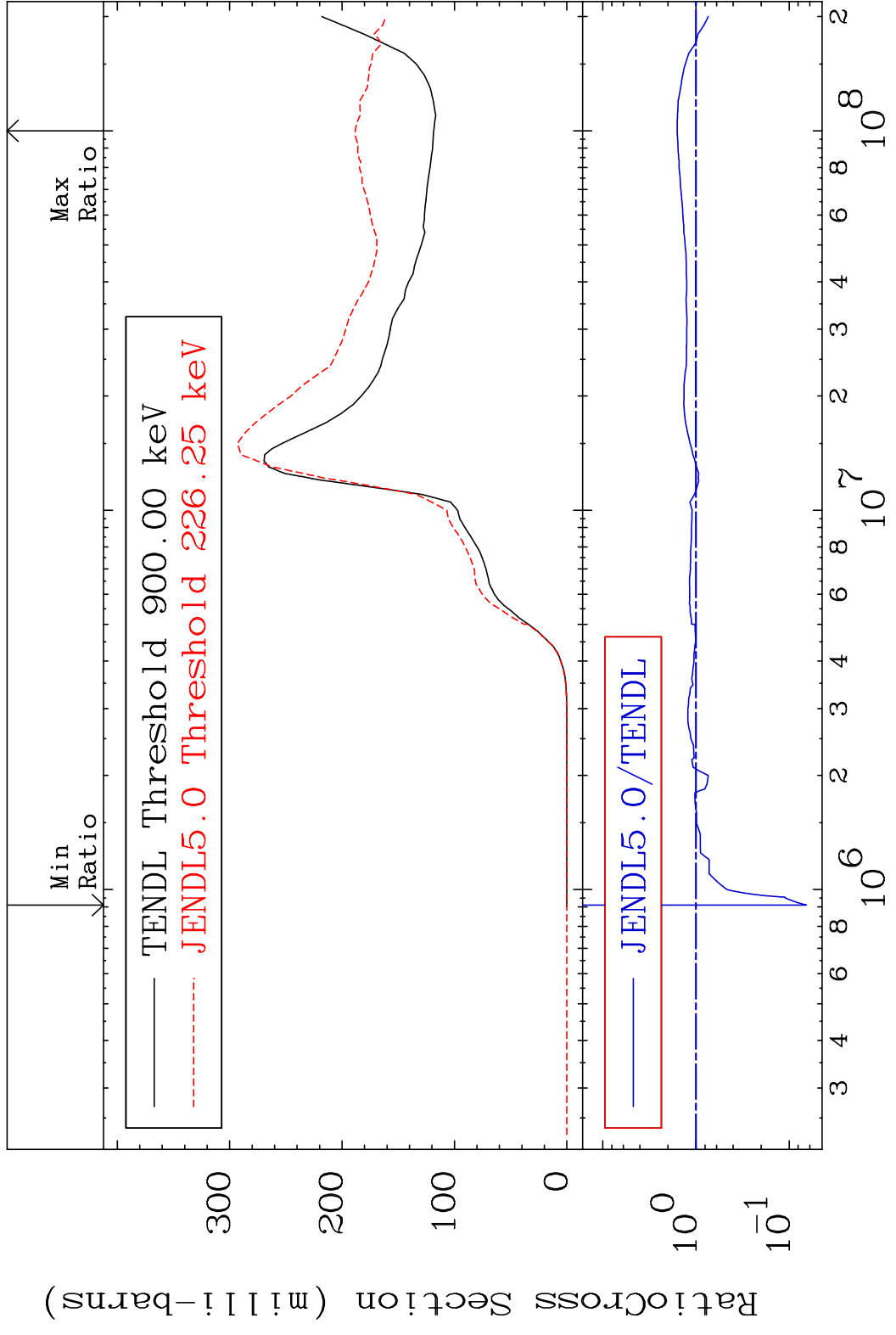


54

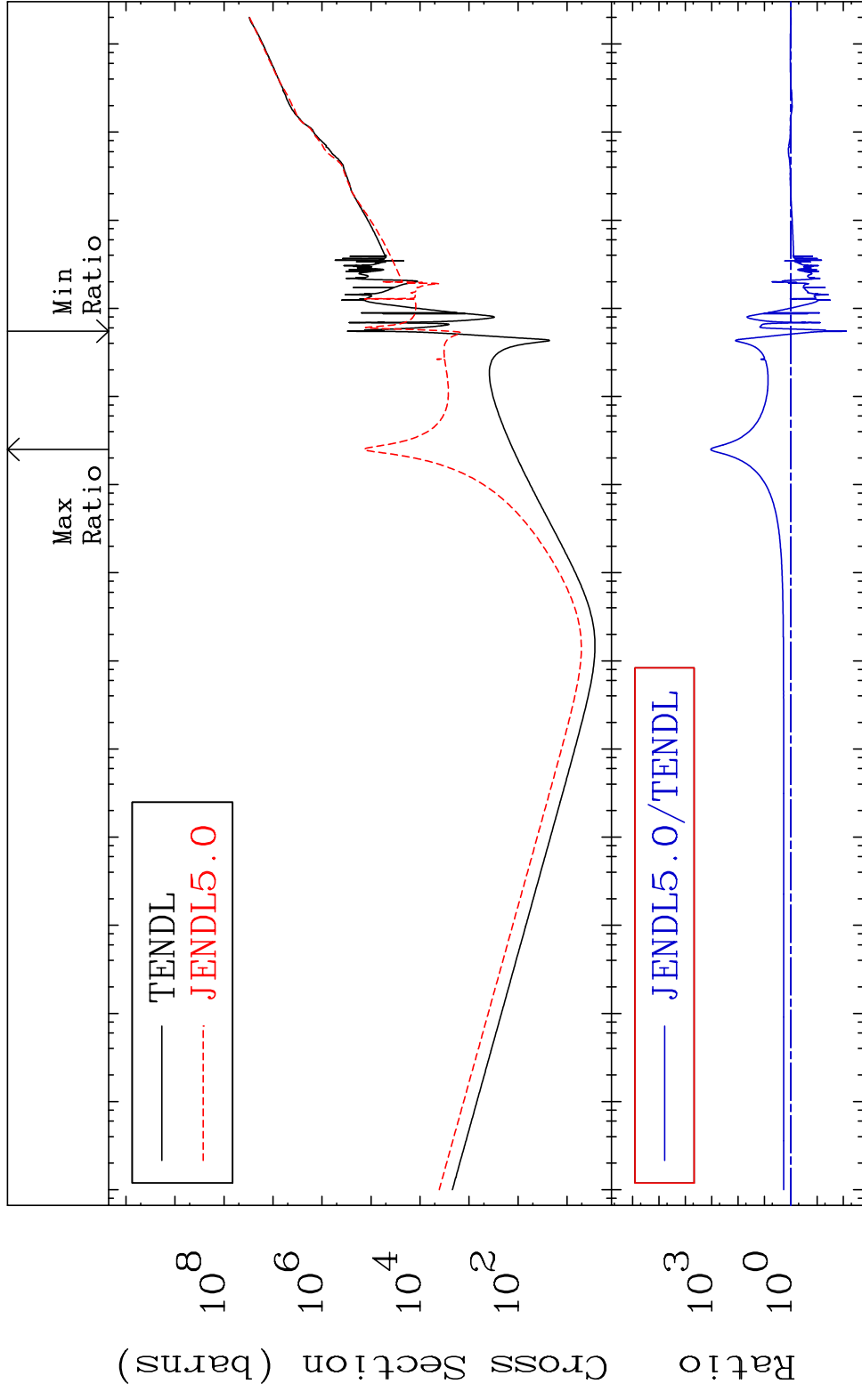
Incident Energy (eV)

18-Ar-38

MAT 1831 He-4 Production 18-Ar-38
 Cross Section -93.47 To 58.92 %



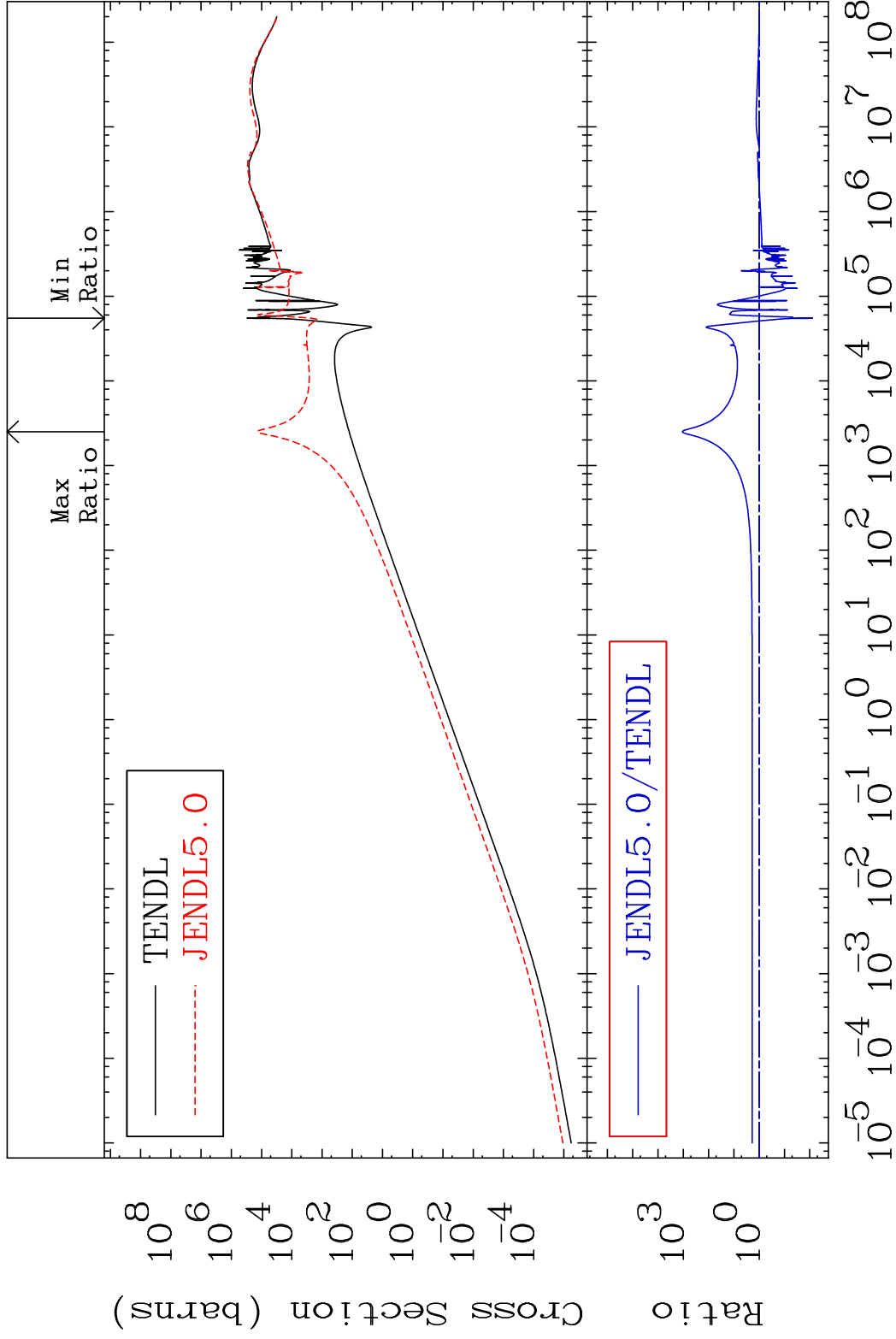
MAT 1831 Kerma total (eV-barns) 18-Ar-38
 Cross Section -99.23 To 9999. %



MAT 1831

Kerma elastic
Cross Section

18-Ar-38
-99.23 To 9999. %

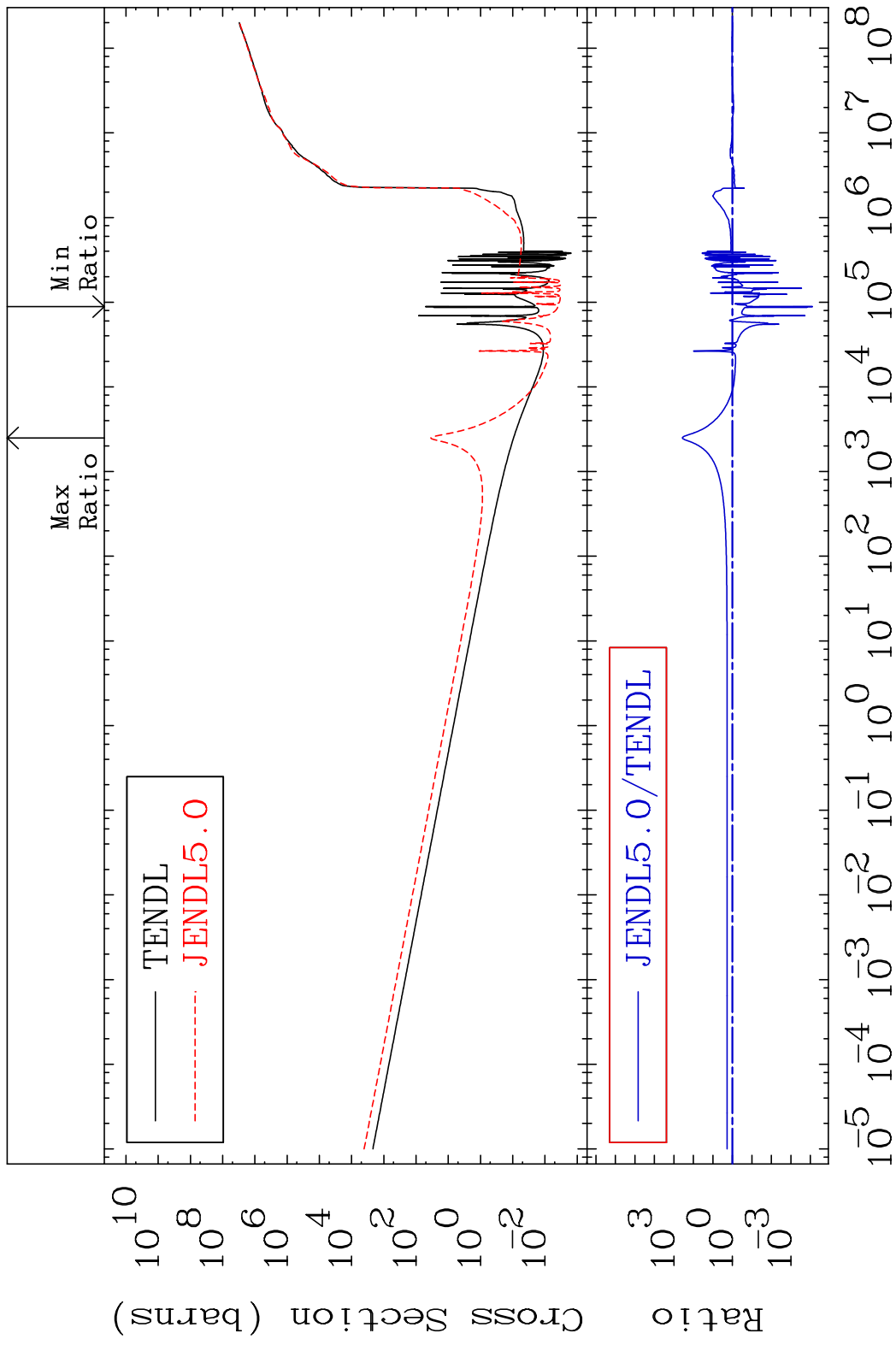


57

Incident Energy (eV)

18-Ar-38

MAT 1831 Kerma non-elastic (all but mt2) 18-Ar-38
 Cross Section -99.99 To 9999. %

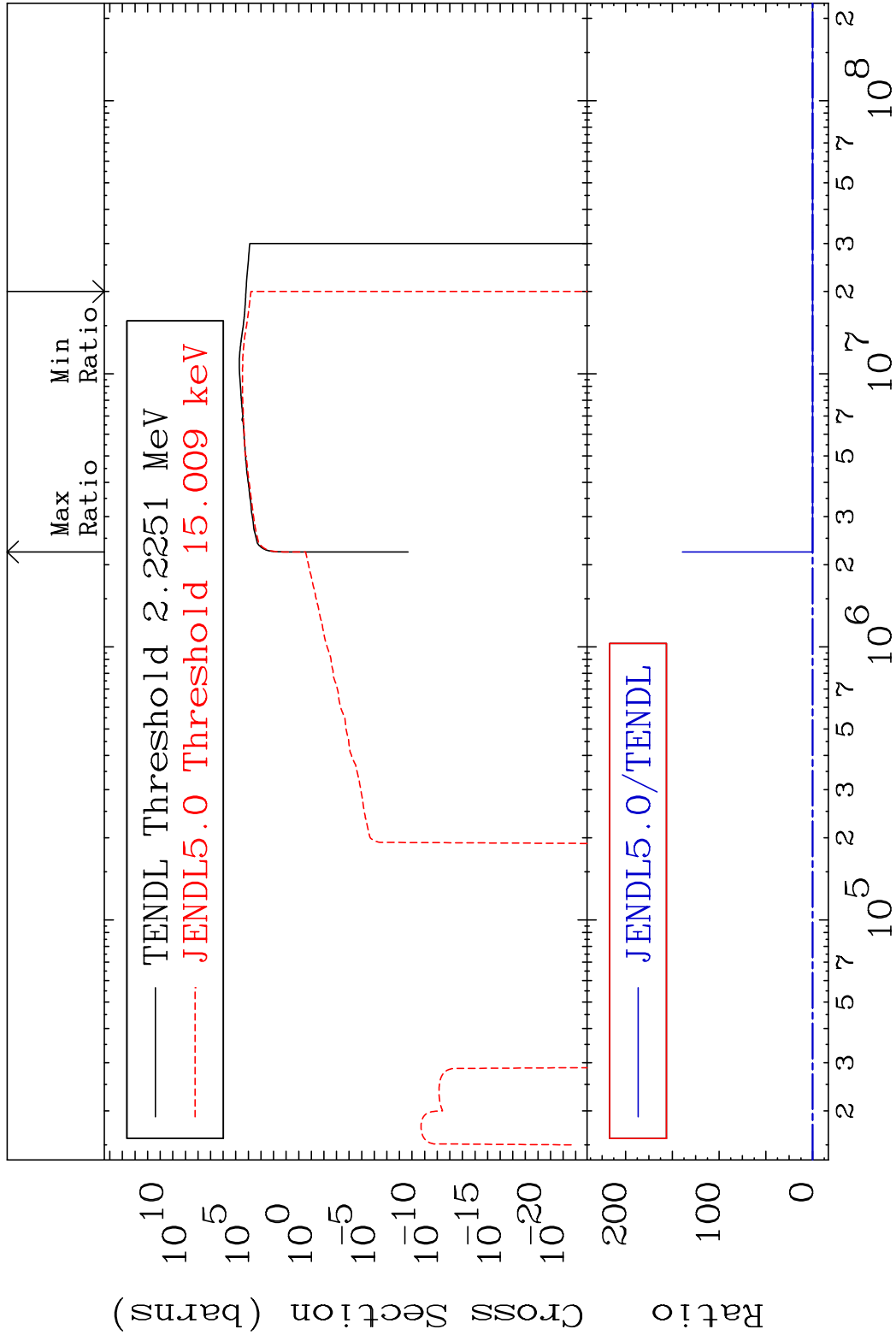


MAT 1831

Kerma inelastic (mt51-91)

18-Ar-38

Cross Section -100.0 To 9999. %

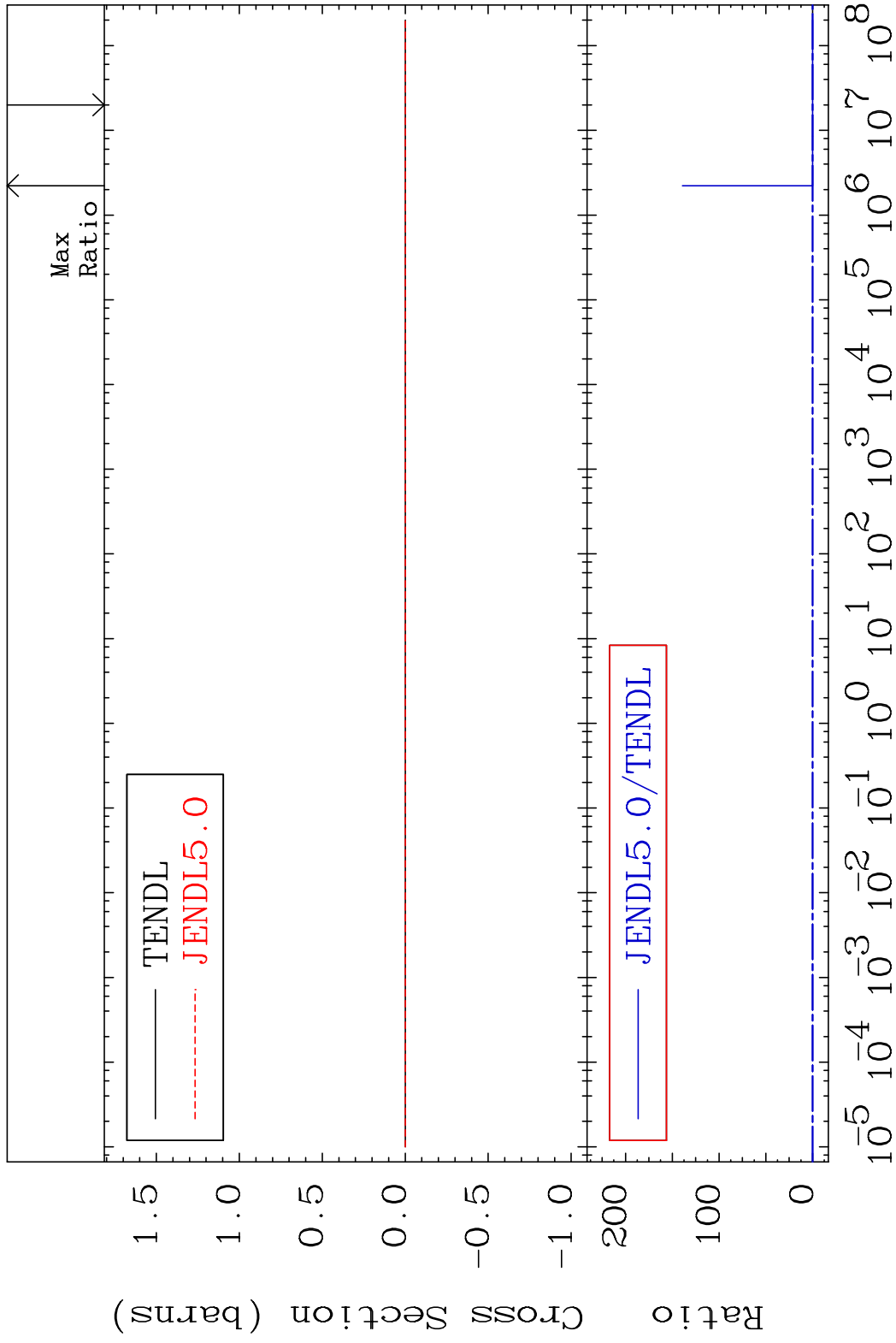


59

Incident Energy (eV)

18-Ar-38

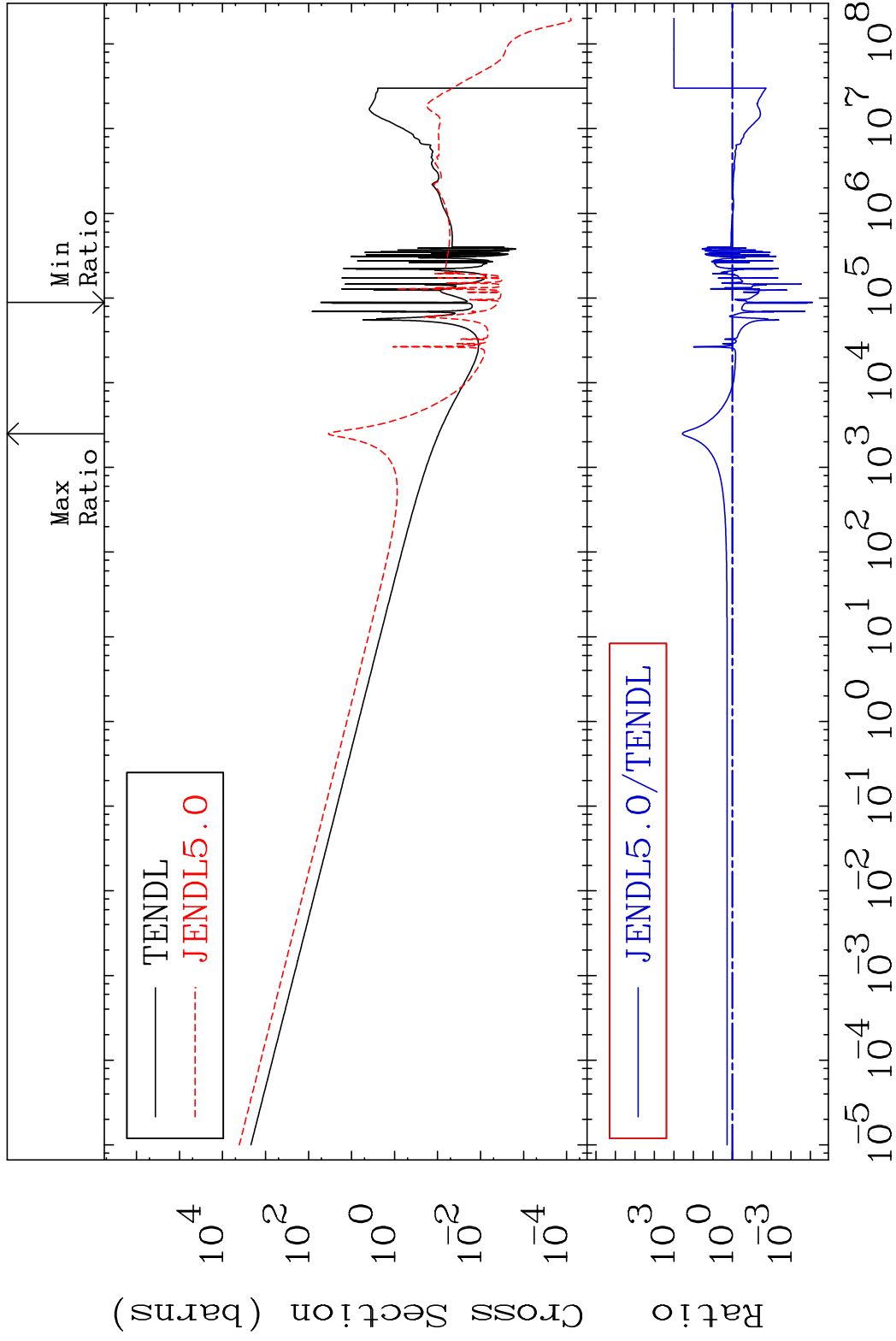
MAT 1831 Kerma fission (mt18 or mt19-20-21-38) 18-Ar-38
 Cross Section -100.0 To 9999. %



MAT 1831

Kerma capture (mt102) 18-Ar-38

Cross Section -99.99 To 9999. %

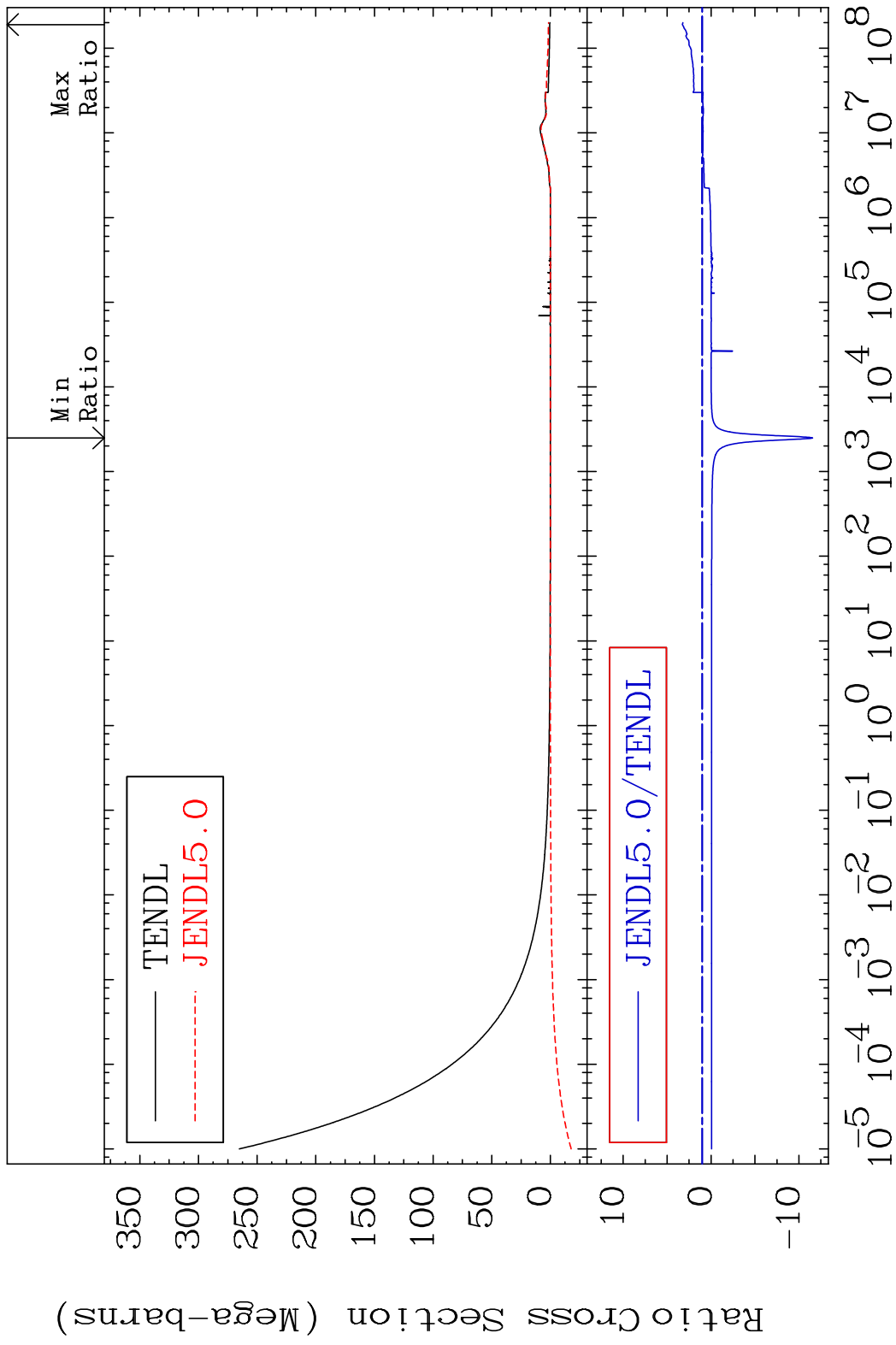


61

Incident Energy (eV)

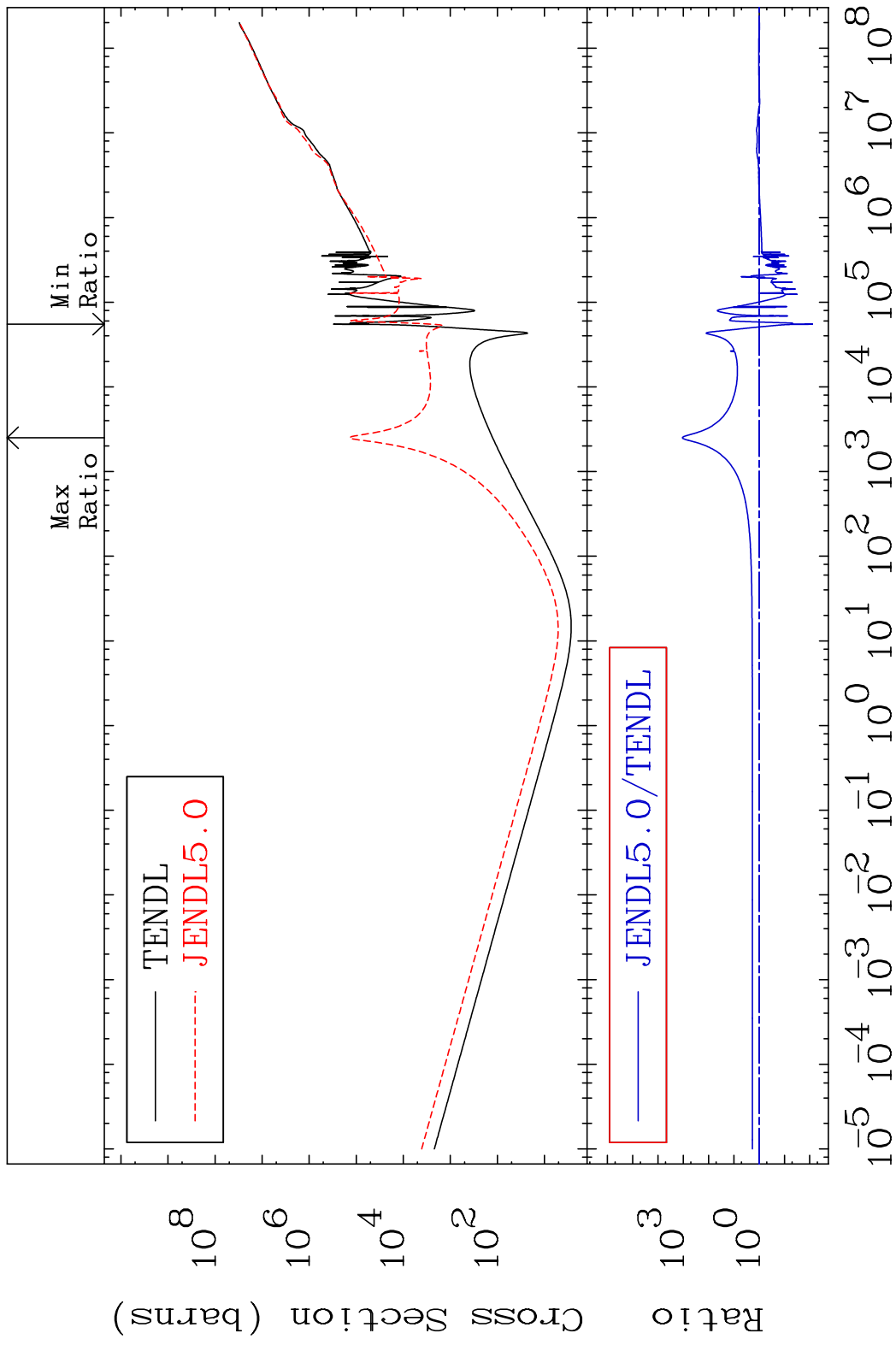
18-Ar-38

MAT 1831 Total photon (eV-barns) 18-Ar-38
Cross Section -1255. To 226.6 %

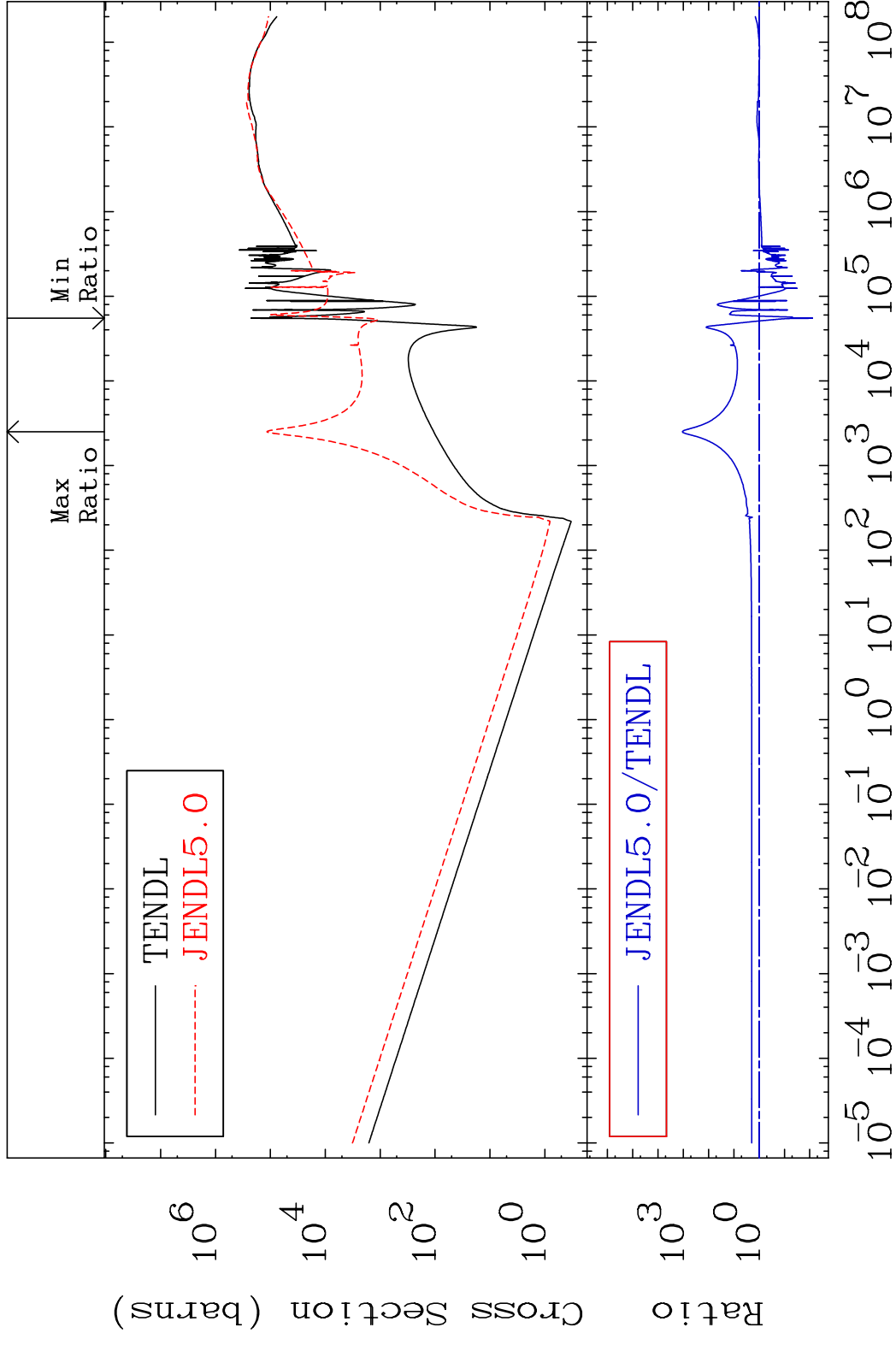


62 Incident Energy (eV) 18-Ar-38

MAT 1831 Total kinematic kerma (high limit) 18-Ar-38
 Cross Section -99.23 To 9999. %



MAT 1831 Dpa total (eV-barns) 18-Ar-38
 Cross Section -99.23 To 9999. %

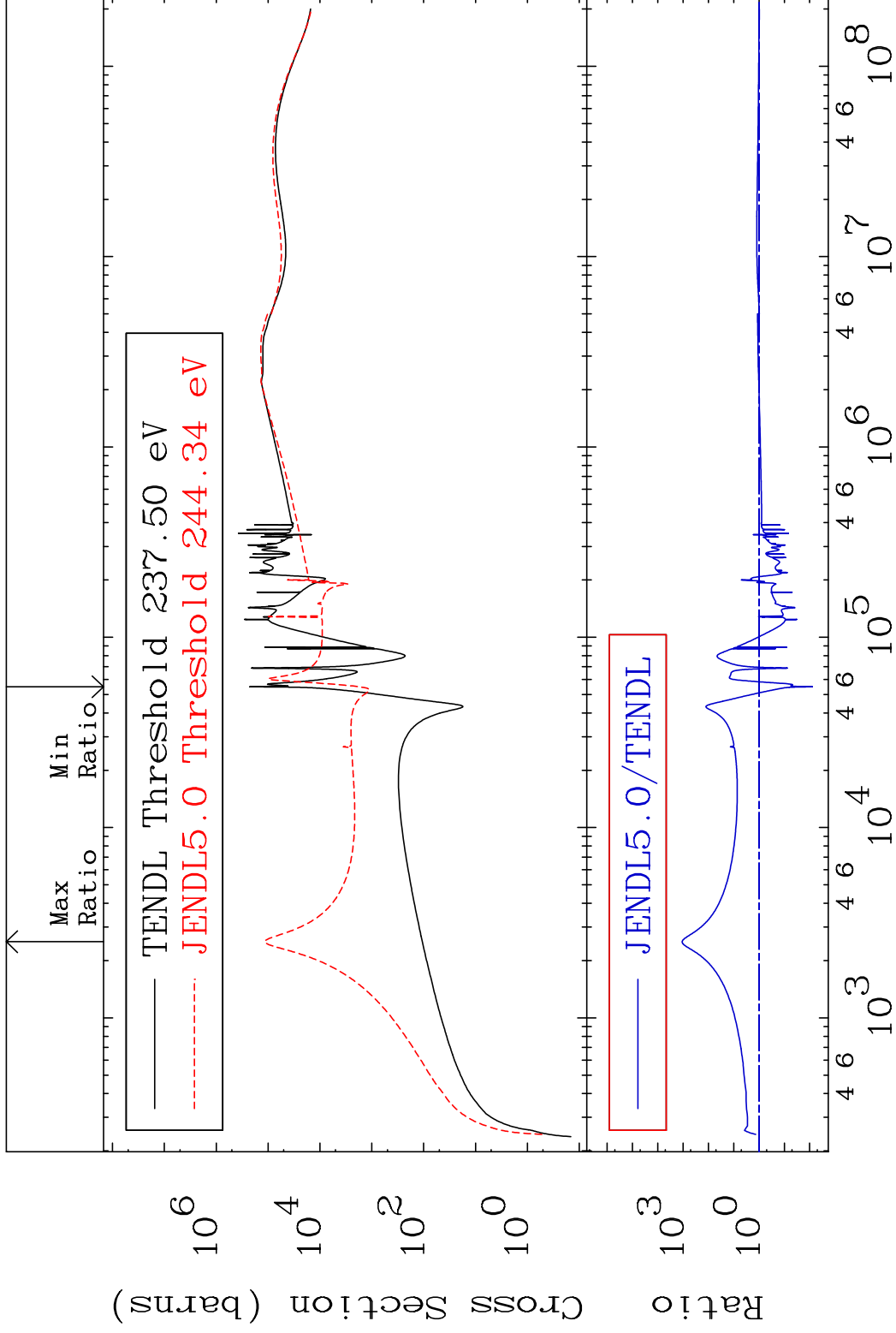


MAT 1831

Dpa elastic (mt2)

18-Ar-38

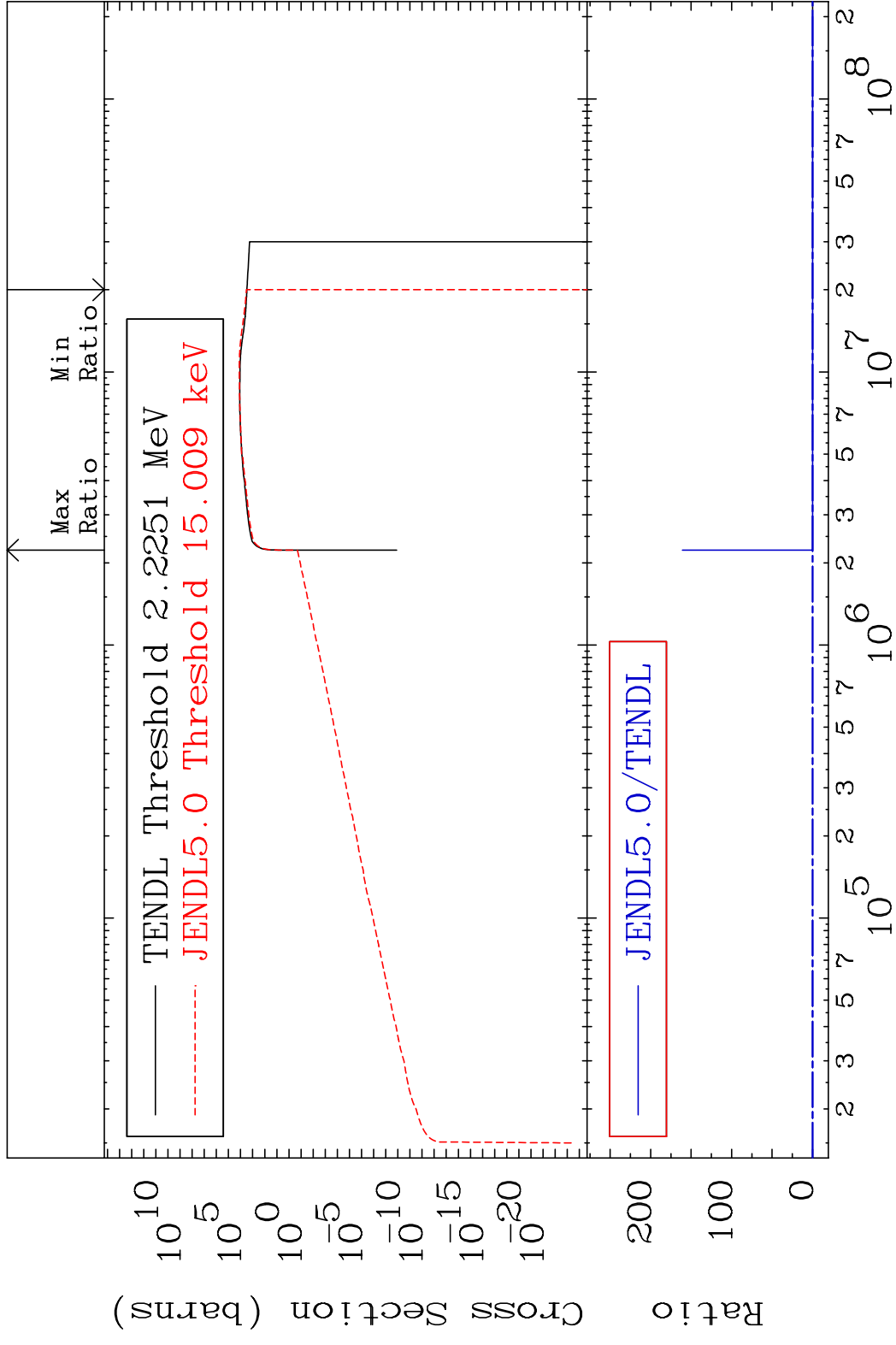
Cross Section -99.23 To 9999. %



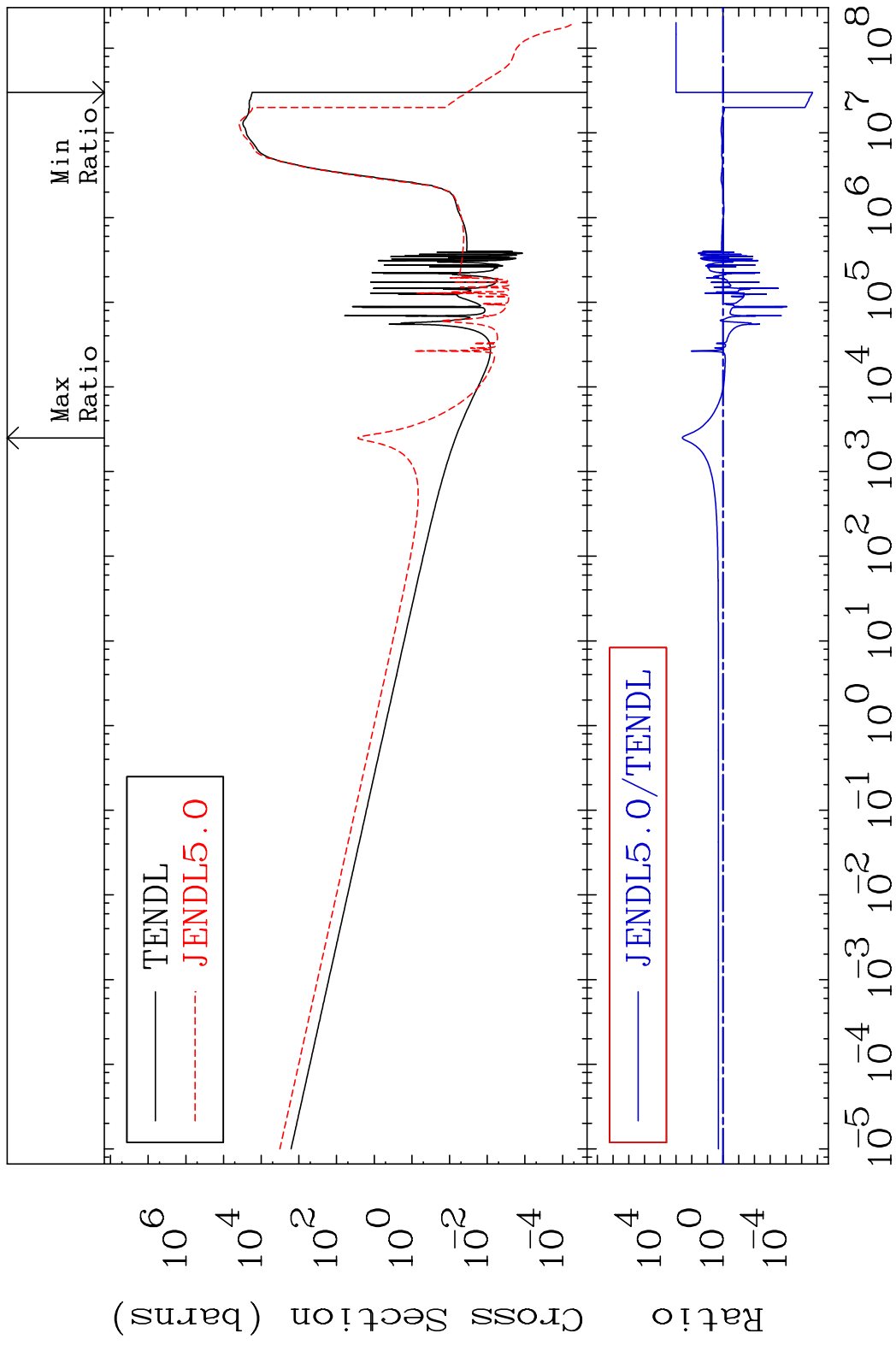
65

Incident Energy (eV)

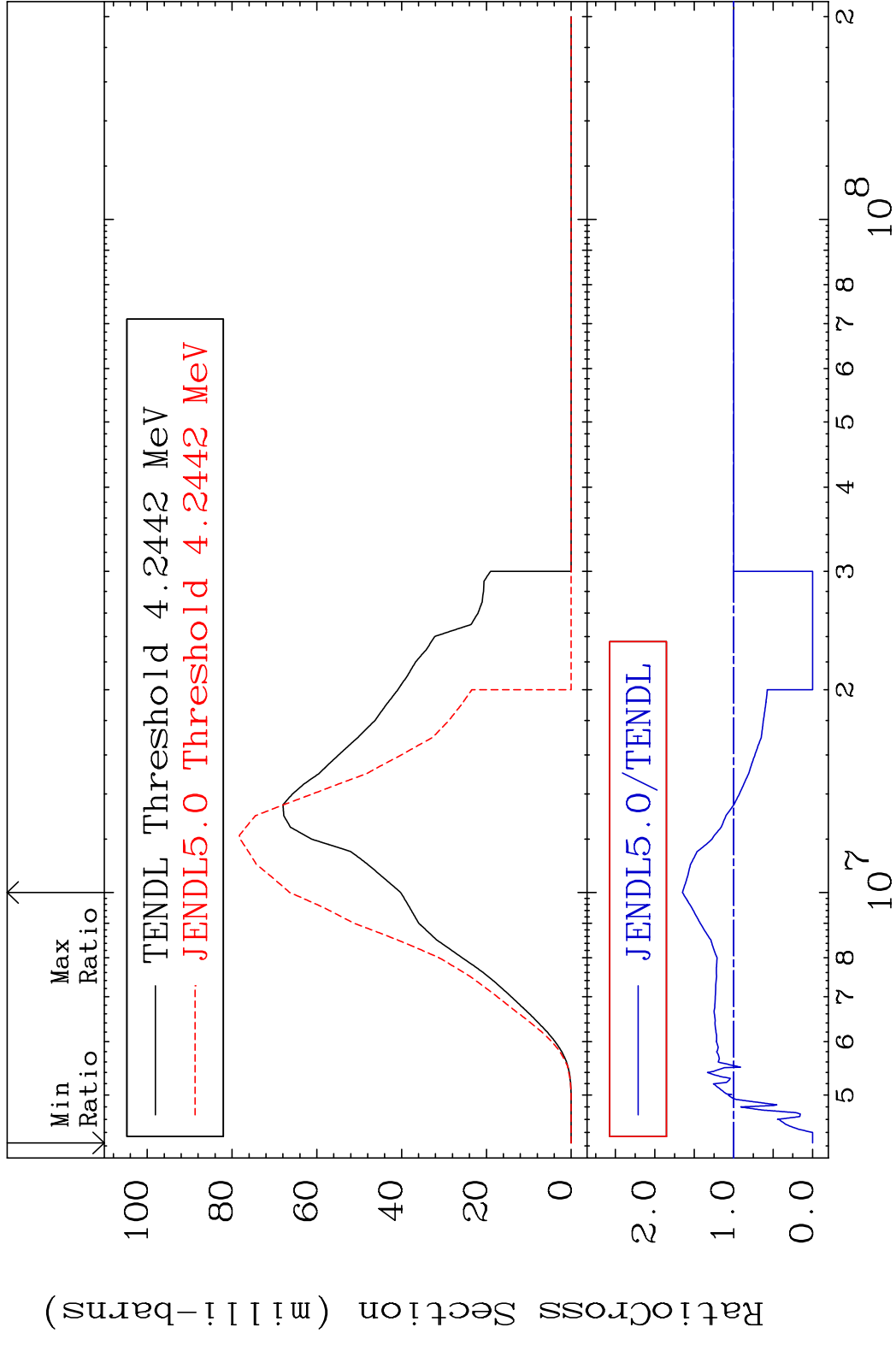
18-Ar-38

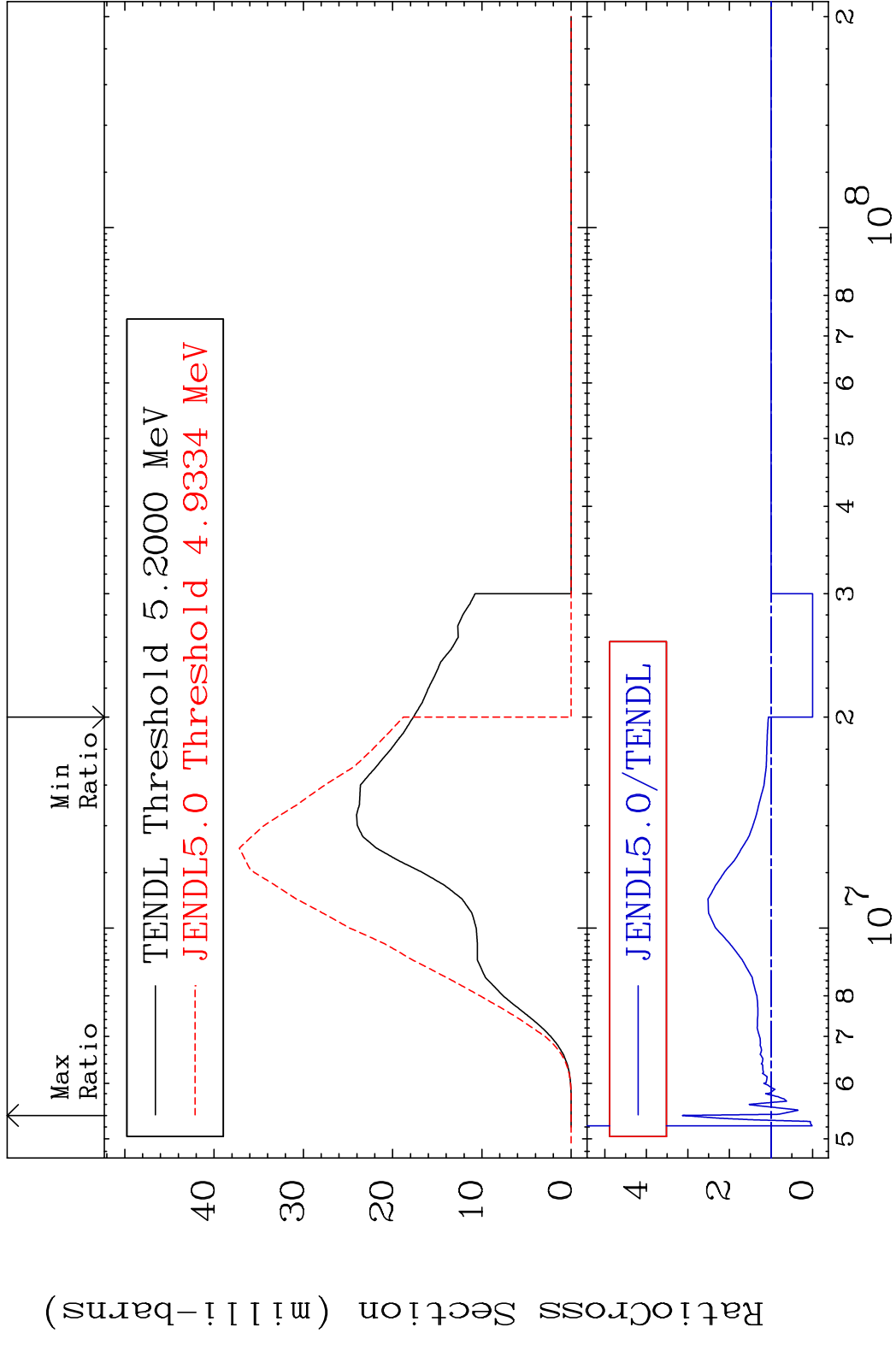


MAT 1831 Dpa disappearance (mt102 -120) 18-Ar-38
 Cross Section -100.0 To 9999. %



MAT 1831 (n,p):17-Cl-38g 18-Ar-38
 Radionuclide Production Cross Section to 65.11 %



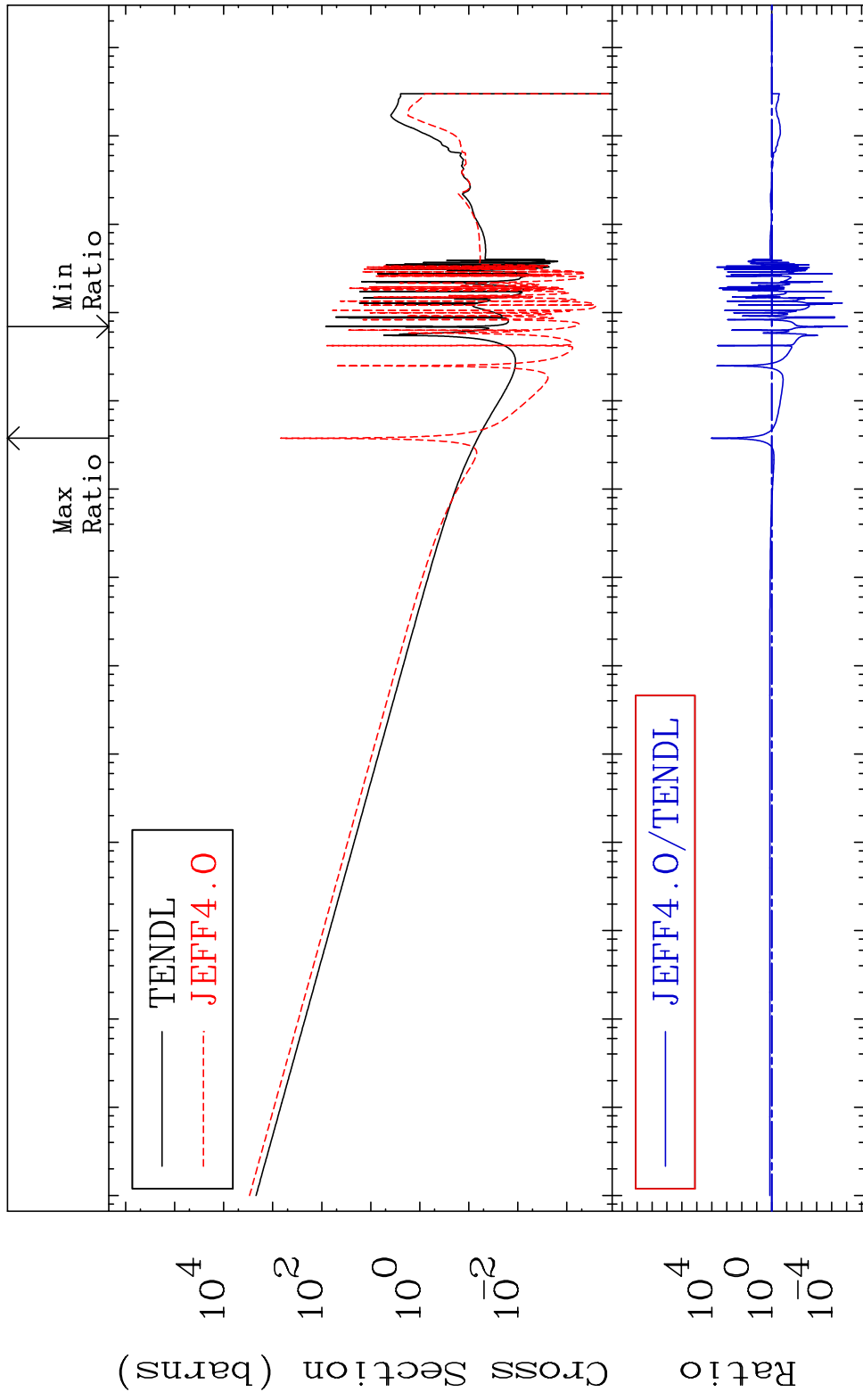


MAT 1831

Kerma capture (mt102)

18-Ar-38

Cross Section -100.0 To 9999. %

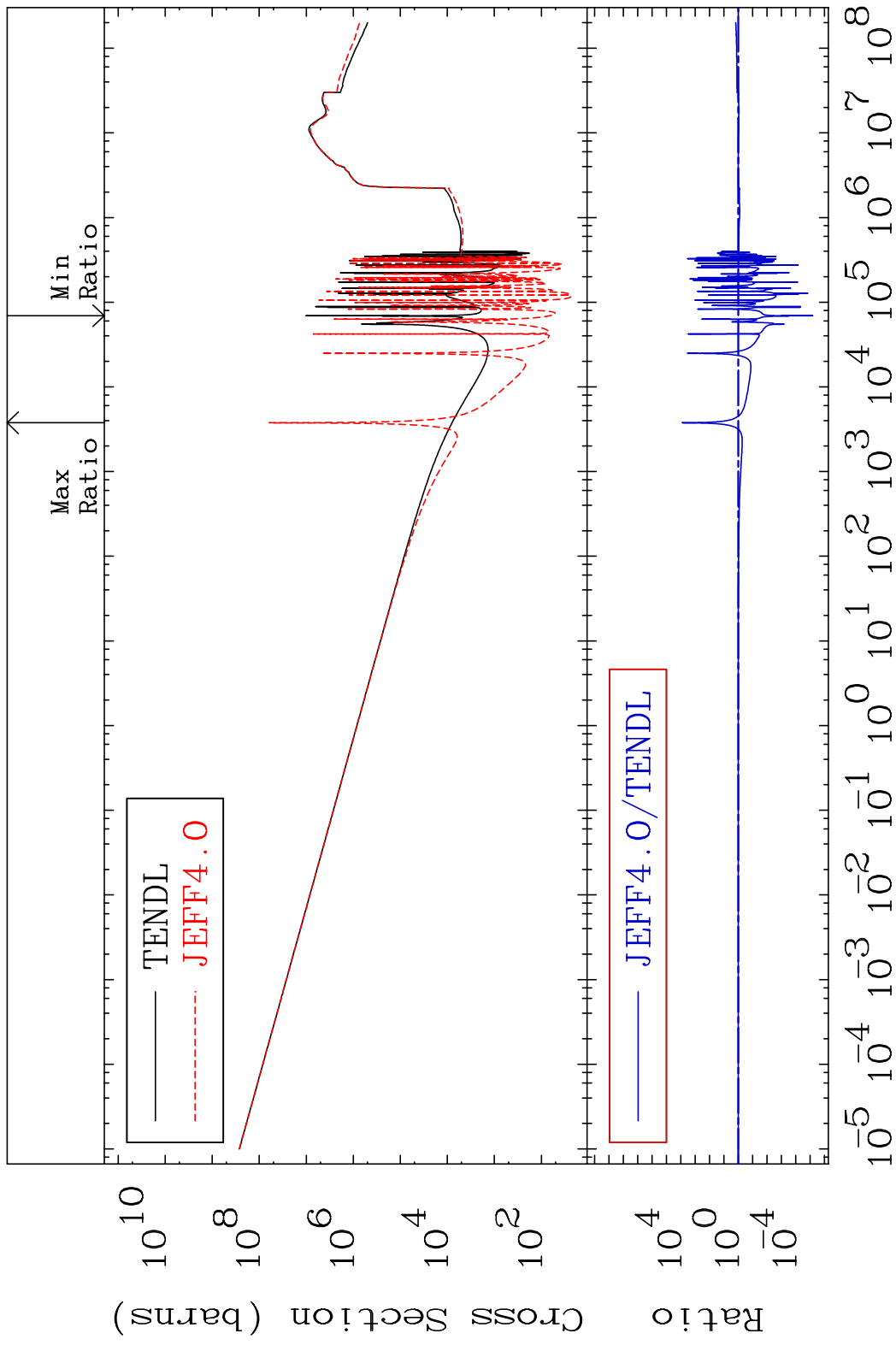


70

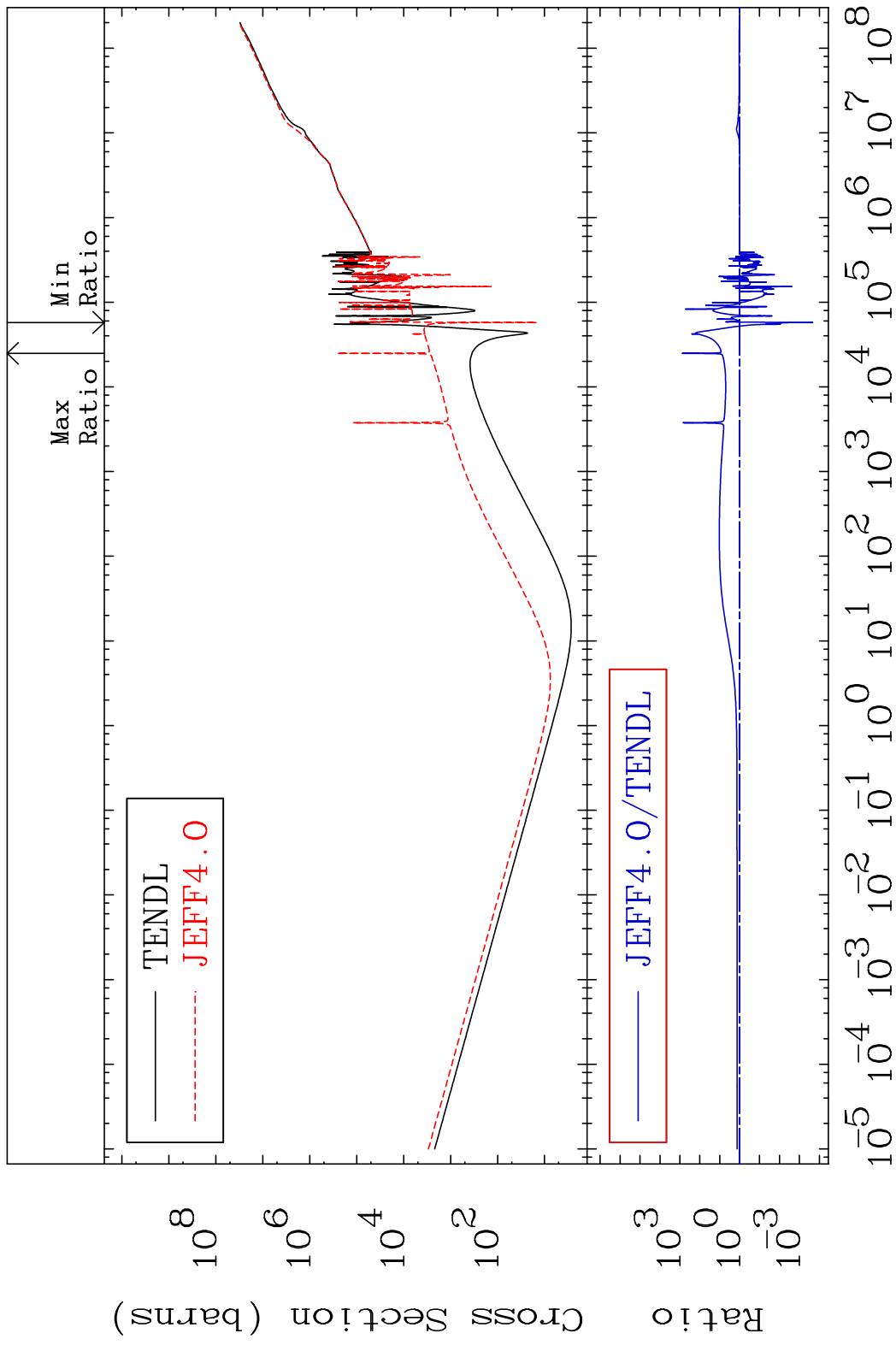
Incident Energy (eV)

18-Ar-38

MAT 1831 Total photon (eV-barns) 18-Ar-38
 Cross Section -100.0 To 9999. %



MAT 1831 Total kinematic kerma (high limit) 18-Ar-38
 Cross Section -99.98 To 9999. %

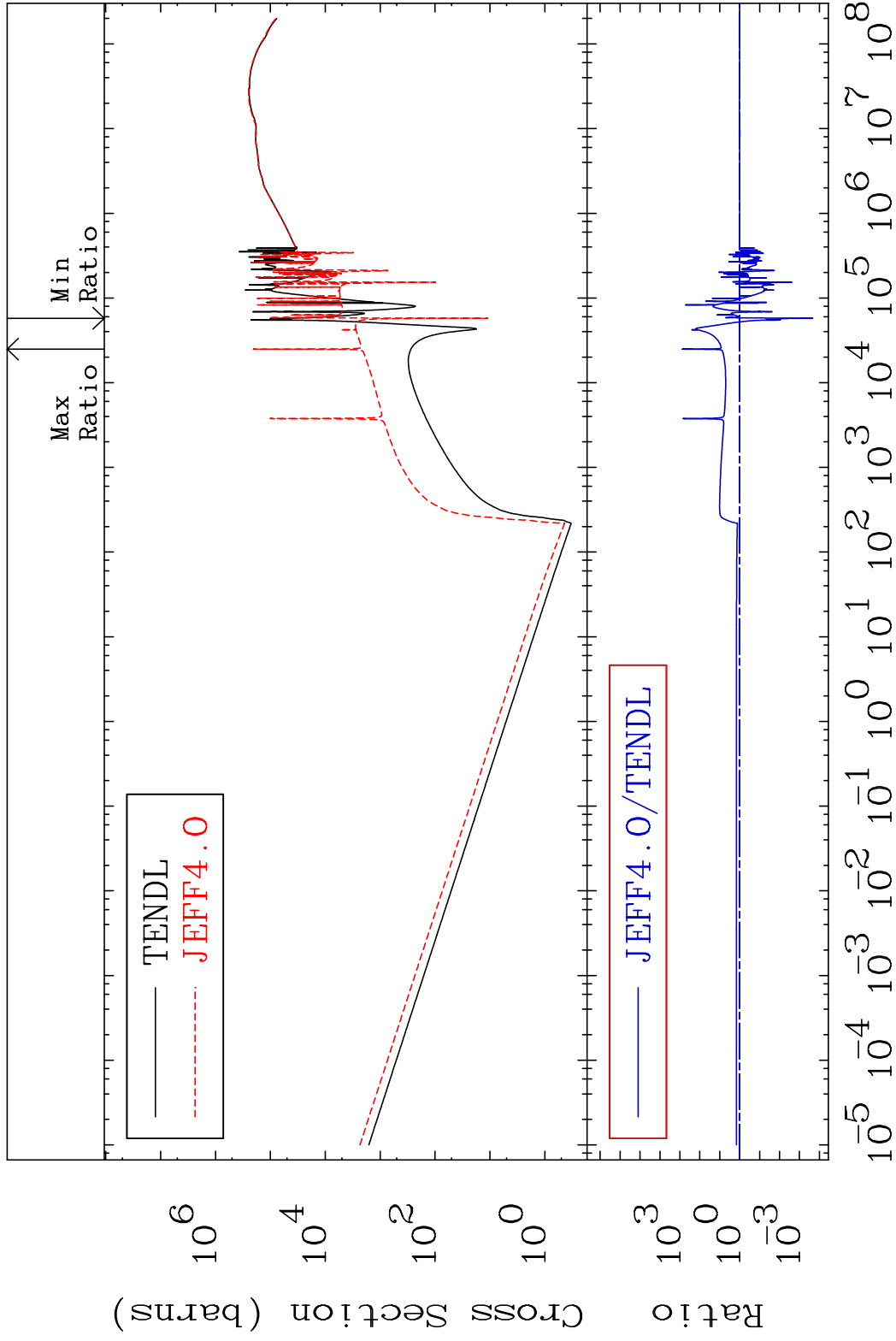


MAT 1831

Dpa total (eV-barns)

18-Ar-38

Cross Section -99.98 To 9999. %



73

Incident Energy (eV)

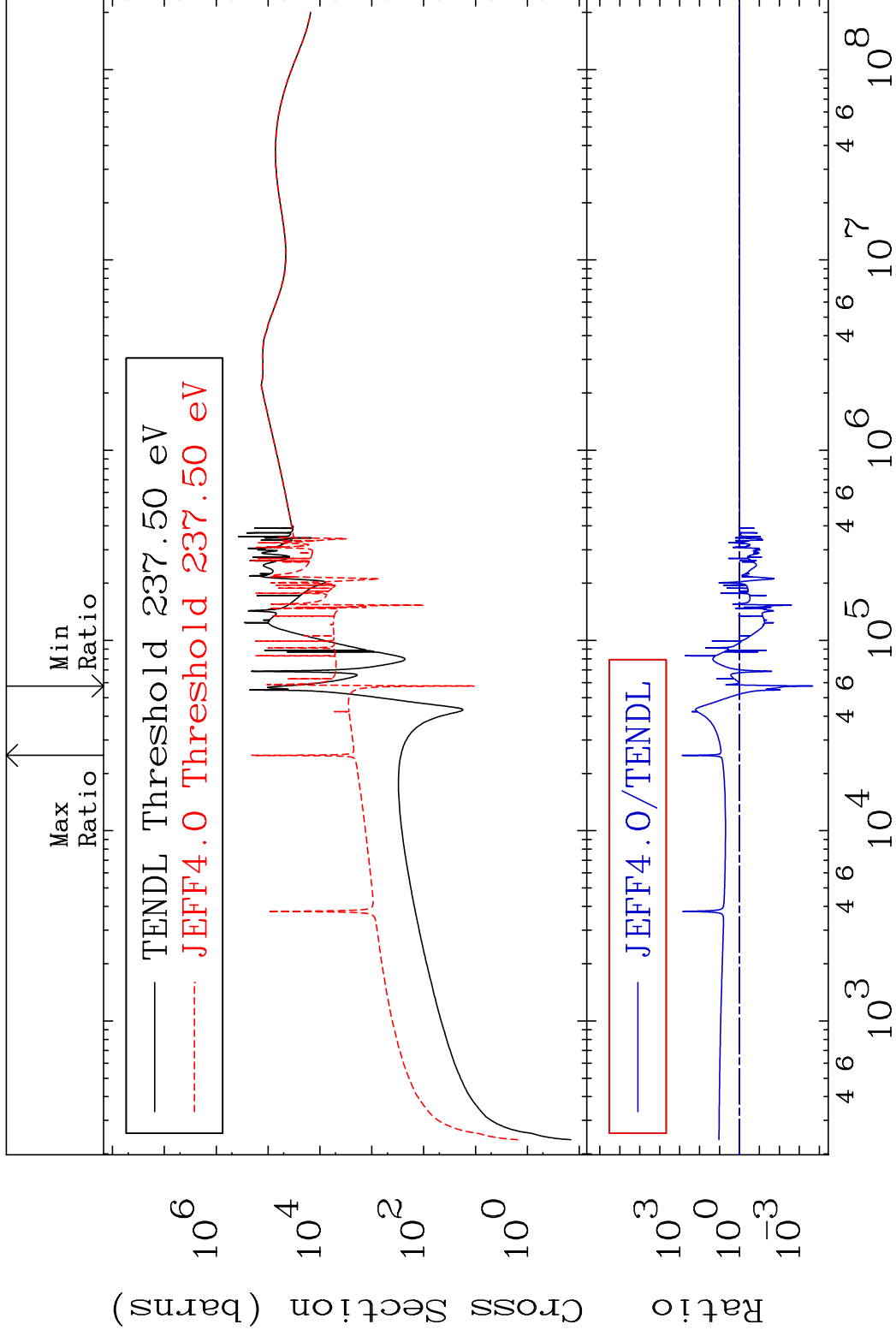
18-Ar-38

MAT 1831

Dpa elastic (mt2)

18-Ar-38

Cross Section -99.98 To 9999. %

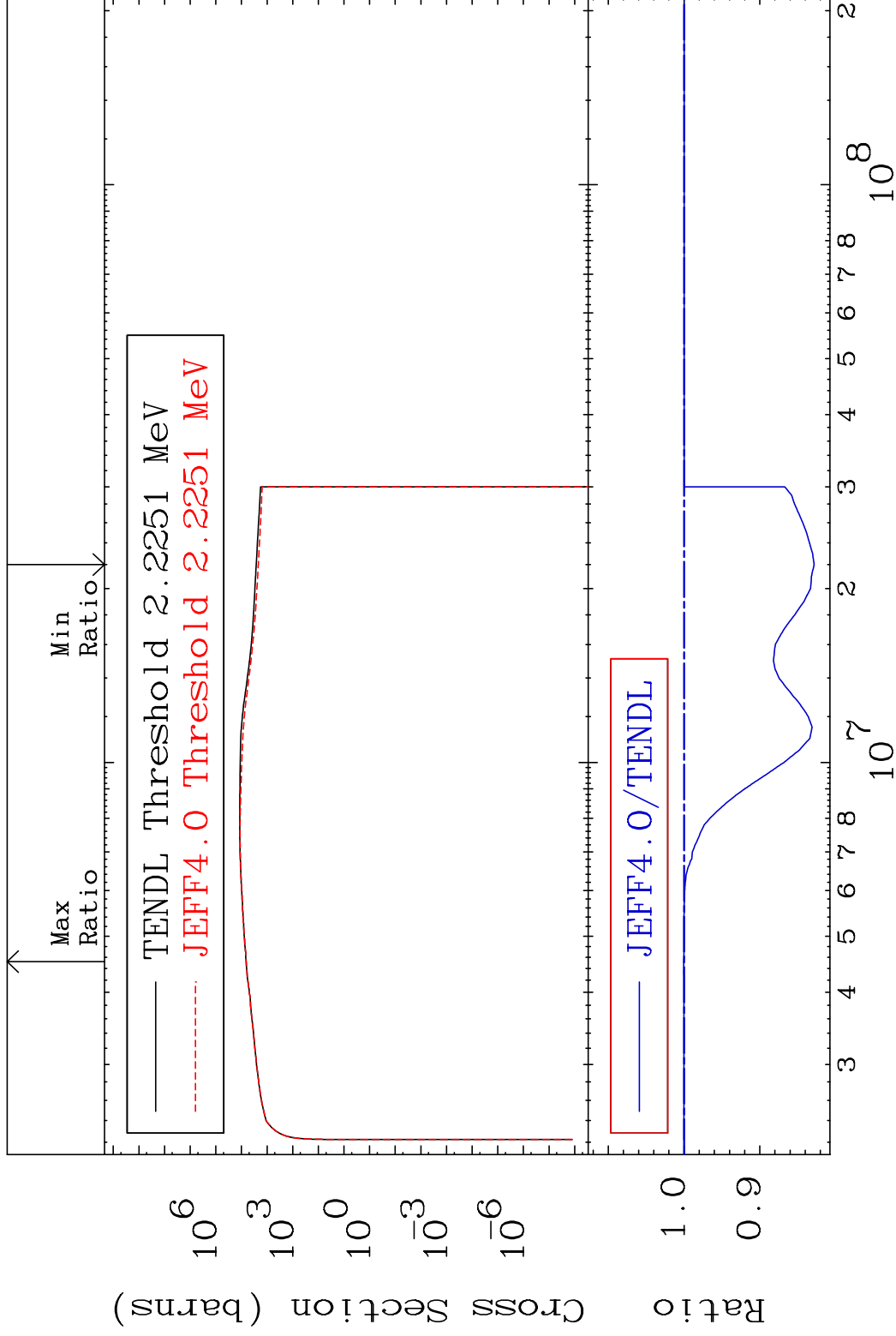


74

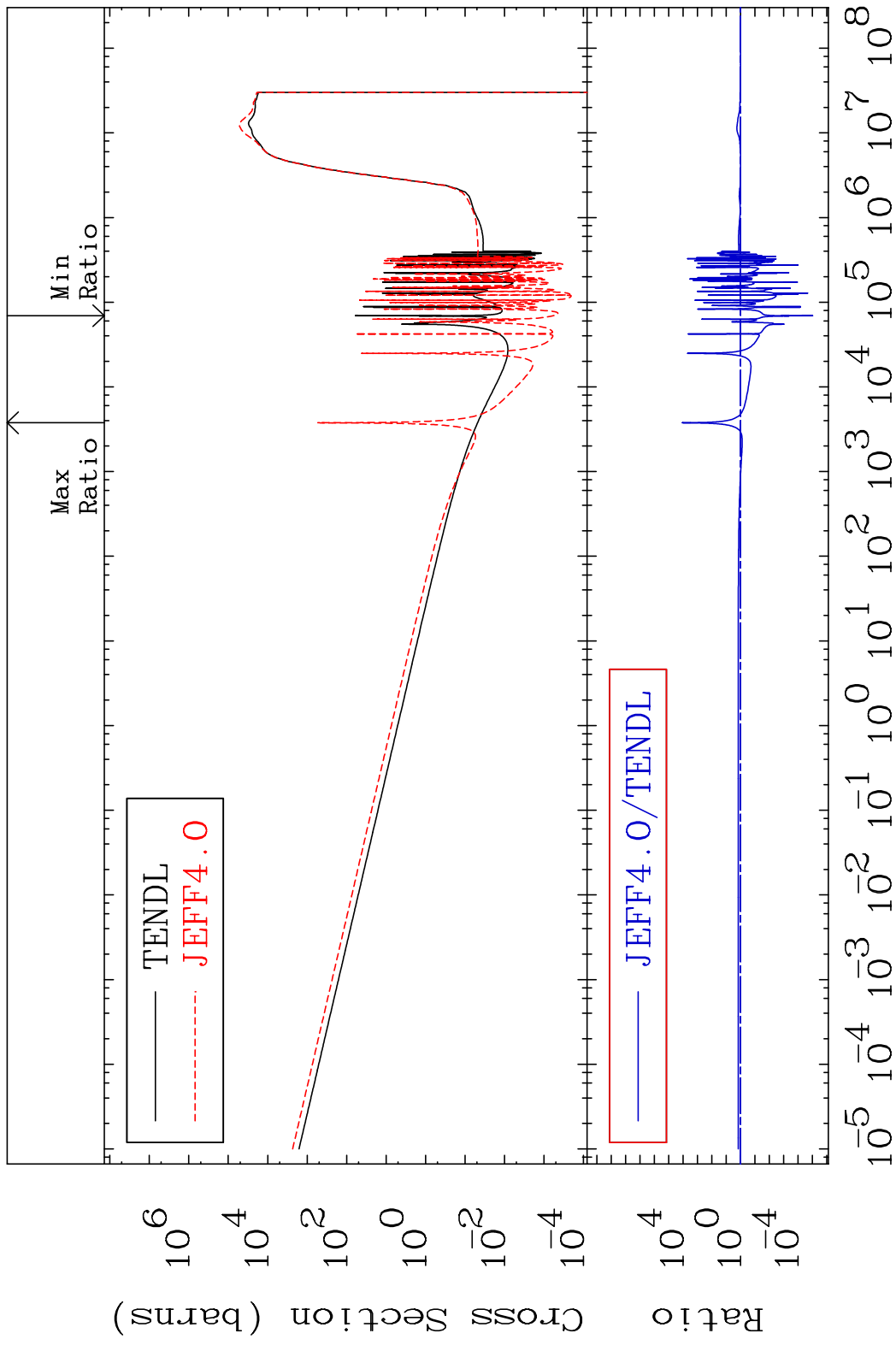
Incident Energy (eV)

18-Ar-38

Cross Section -17.17 To 0.054 %



MAT 1831 Dpa disappearance (mt102 -120) 18-Ar-38
 Cross Section -100.0 To 9999. %



MAT 1831 (n,p):17-Cl-38g 18-Ar-38
 Radionuclide Production Cross Section 208.1 %

