

Program Complot
(Version 2021-1)

by

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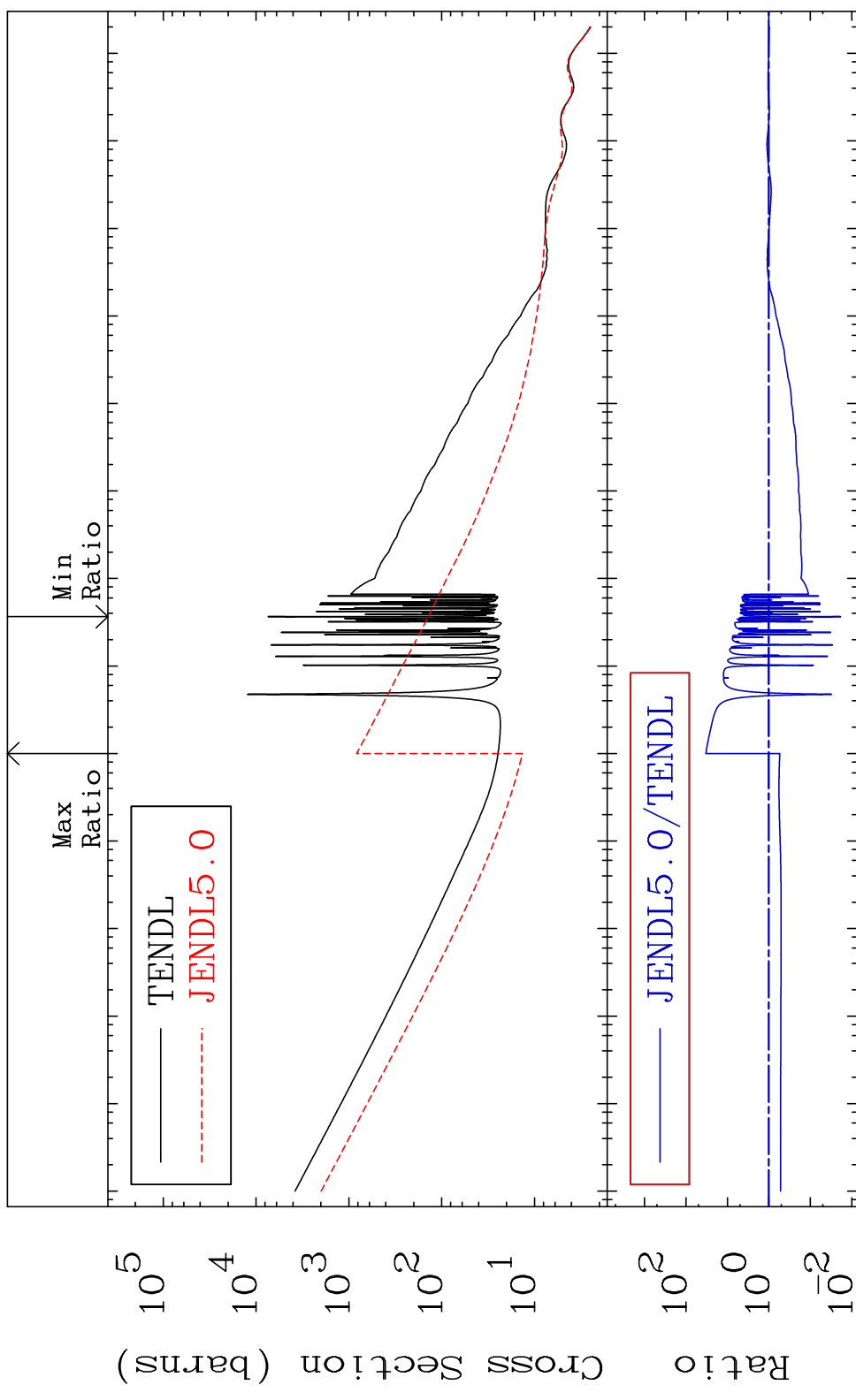
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6719

Total
Cross Section -98.12 To 3229. %

67-Ho-163

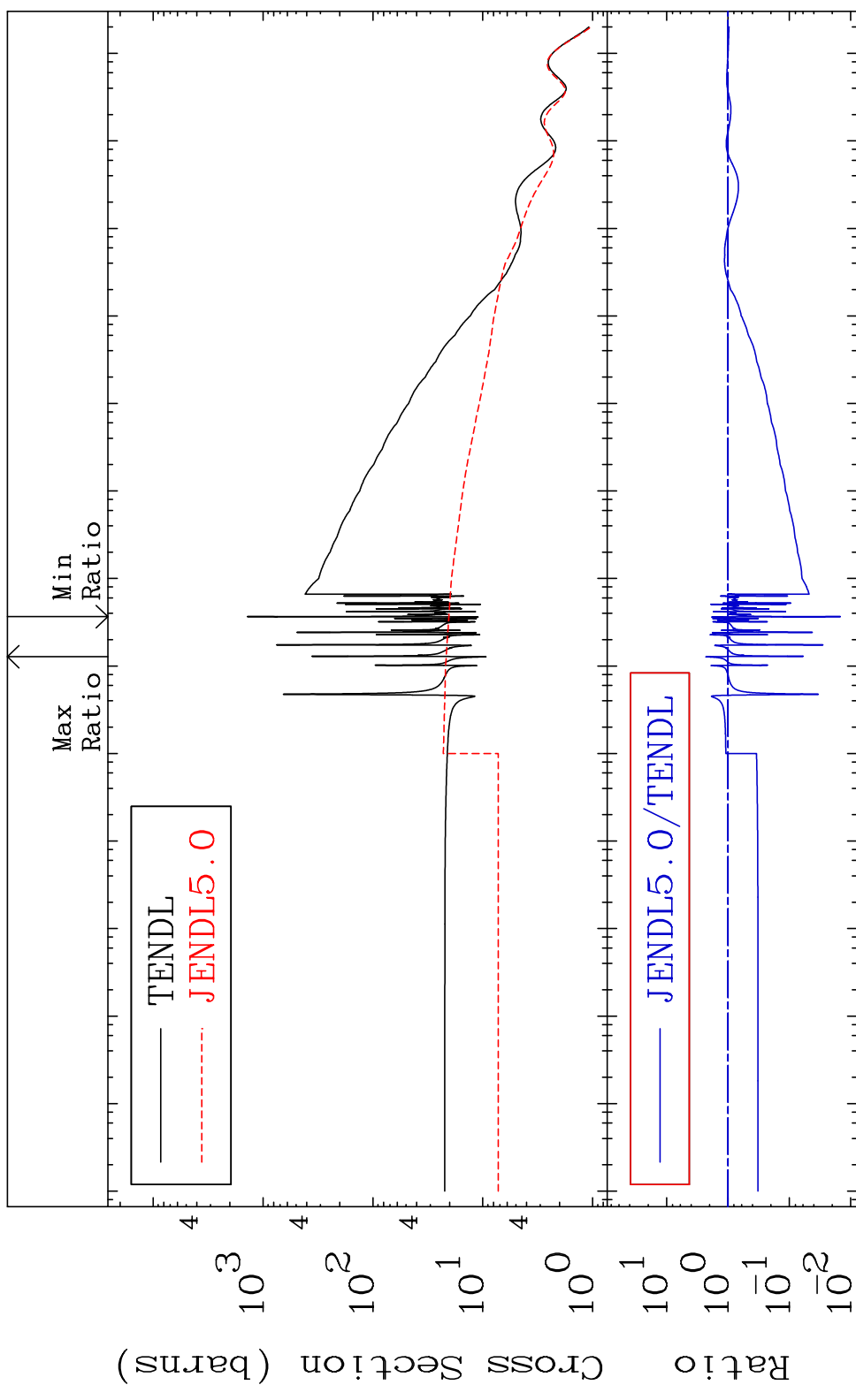


1 Incident Energy (eV) 67-Ho-163

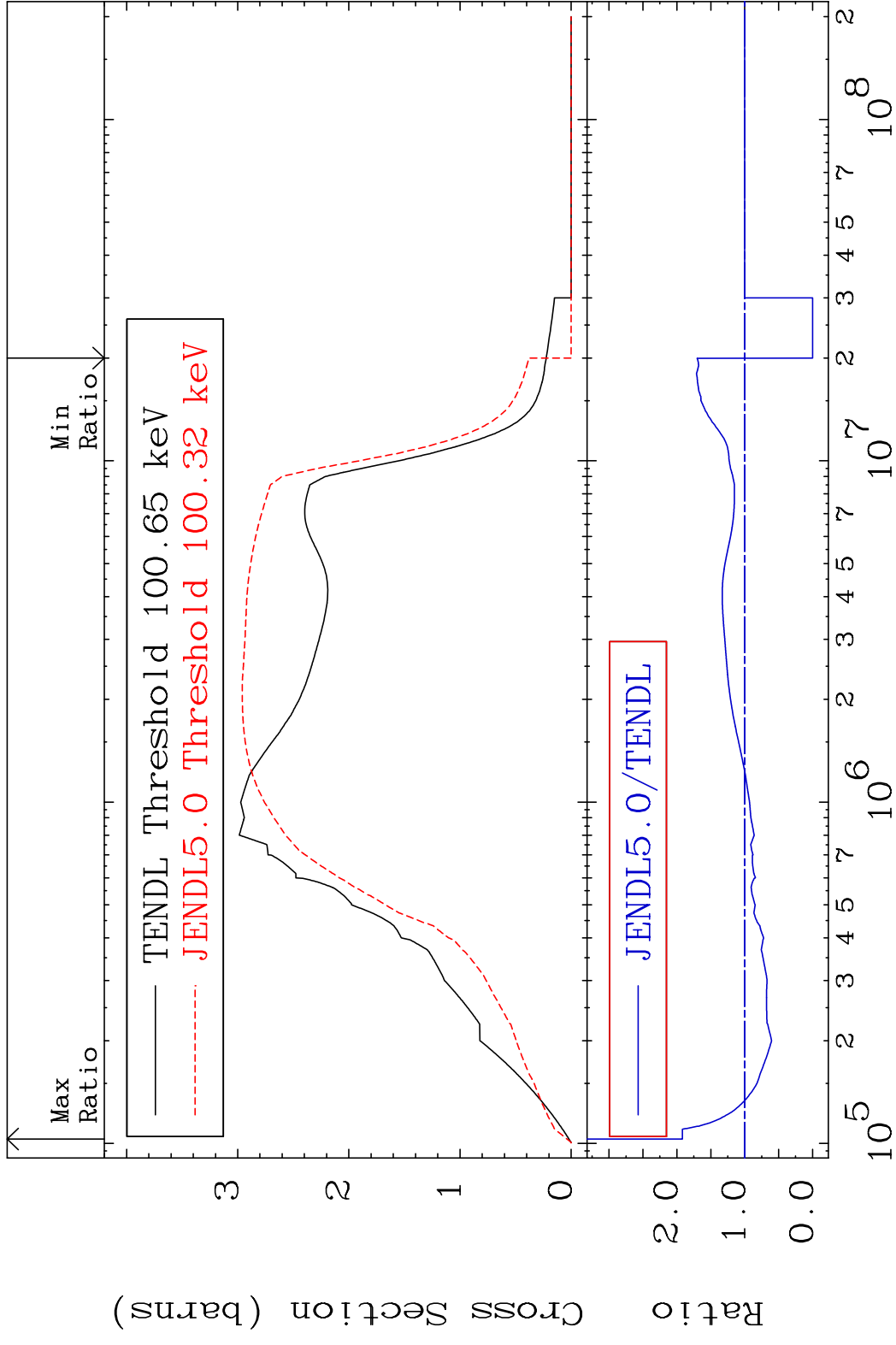
MAT 6719

Elastic Cross Section -98.53 To 130.4 %

67-Ho-163



MAT 6719 Inelastic Cross Section -100.0 To 91.90 % 67-Ho-163



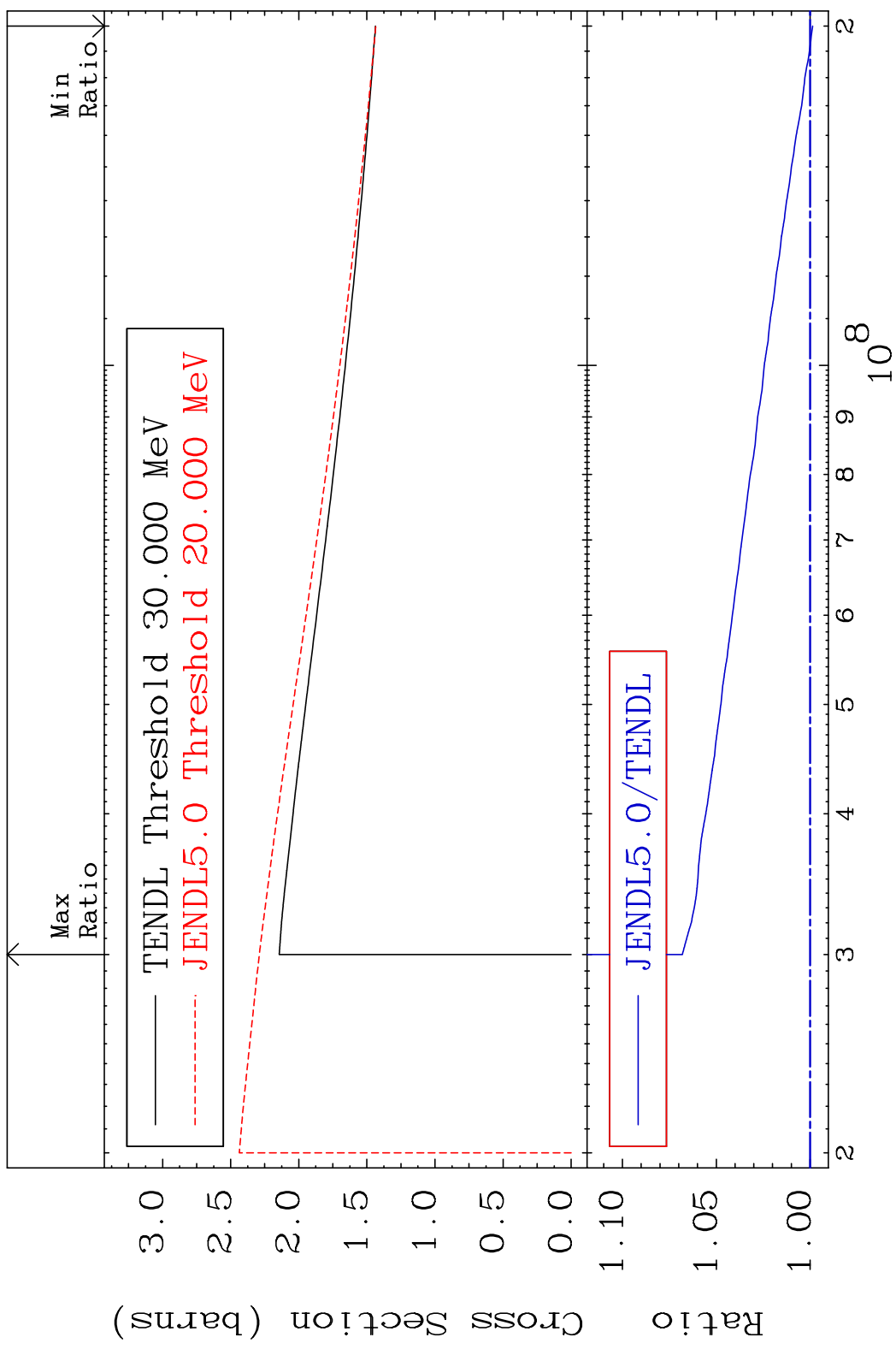
3 Incident Energy (eV) 67-Ho-163

MAT 6719

(n, remainder)

67-Ho-163

Cross Section -0.130 To 6.806 %



4

Incident Energy (eV)

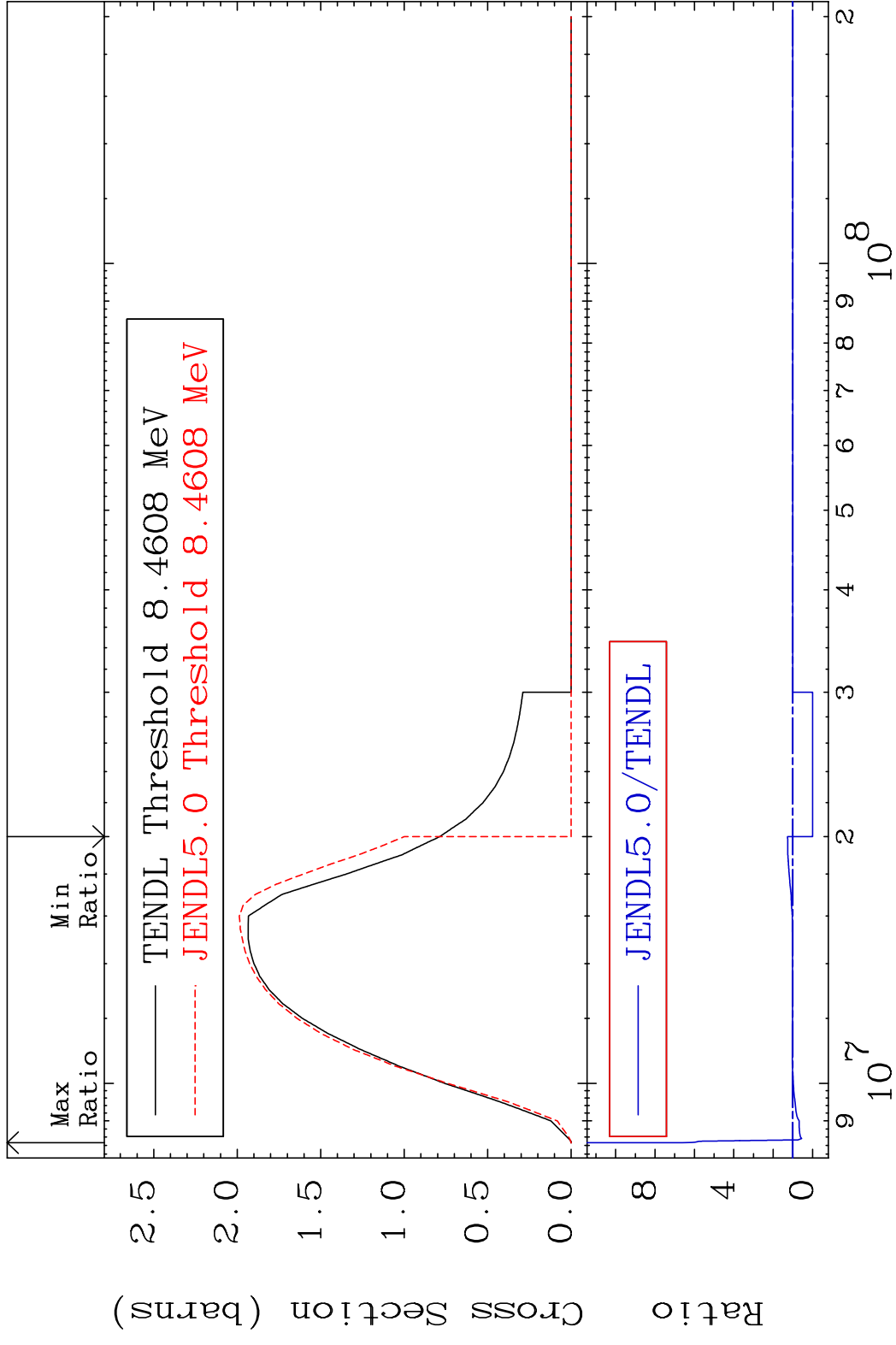
67-Ho-163

MAT 6719

(n,2n)

67-Ho-163

Cross Section -100.0 To 561.3 %



5

Incident Energy (eV)

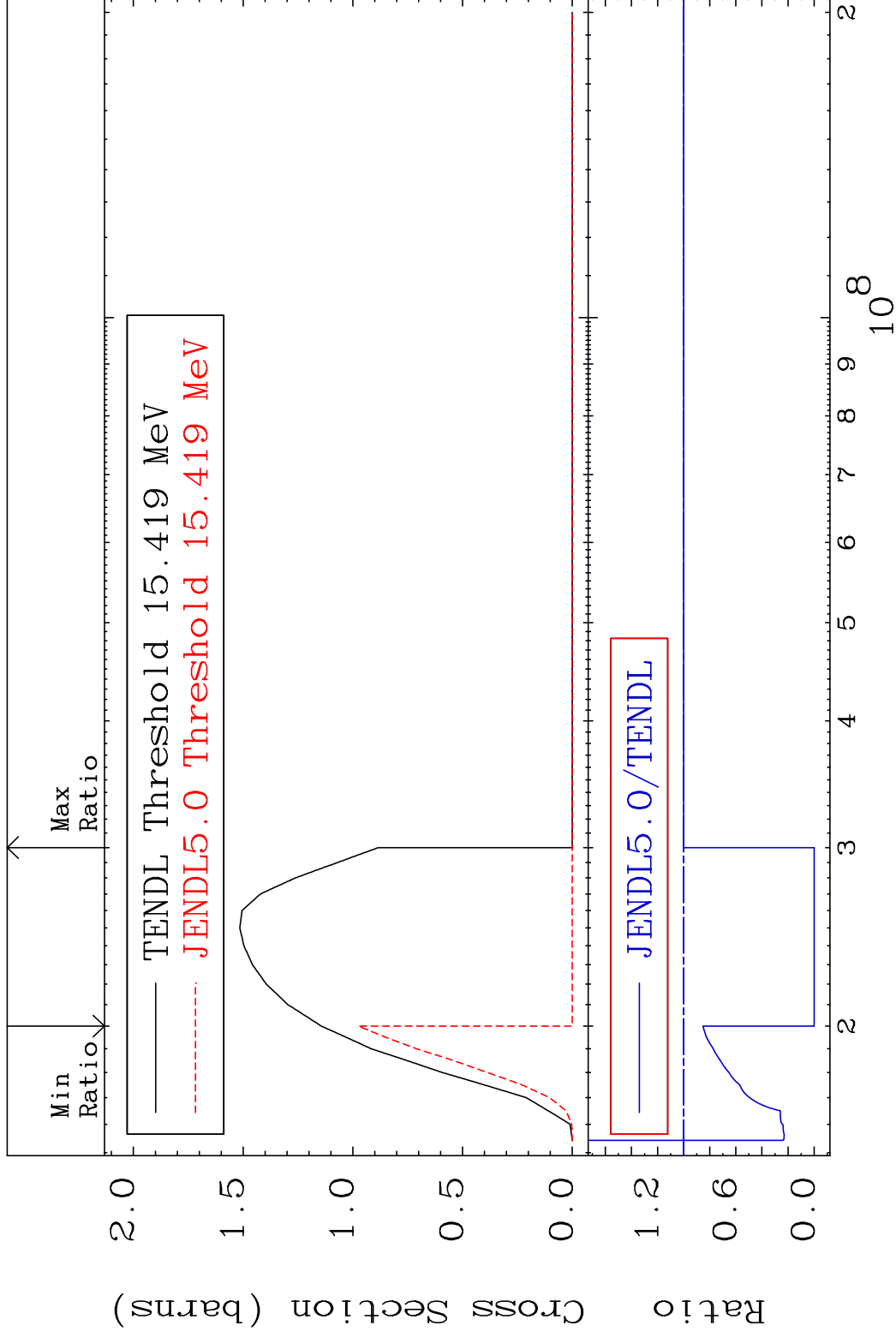
67-Ho-163

MAT 6719

(n,3n)

67-Ho-163

Cross Section -100.0 To 0.000 %



6

Incident Energy (eV)

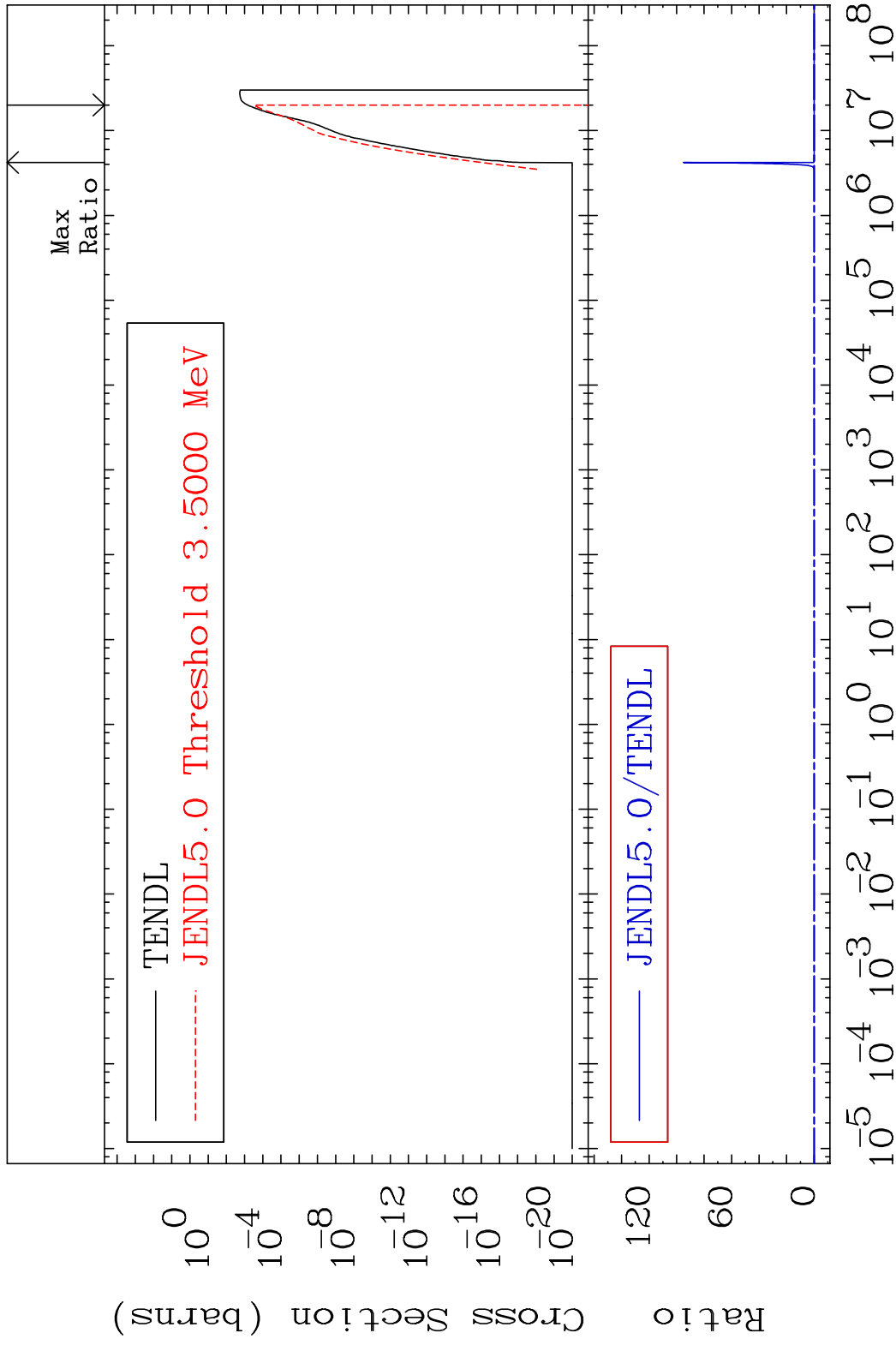
67-Ho-163

MAT 6719

(n, n') α

67-Ho-163

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

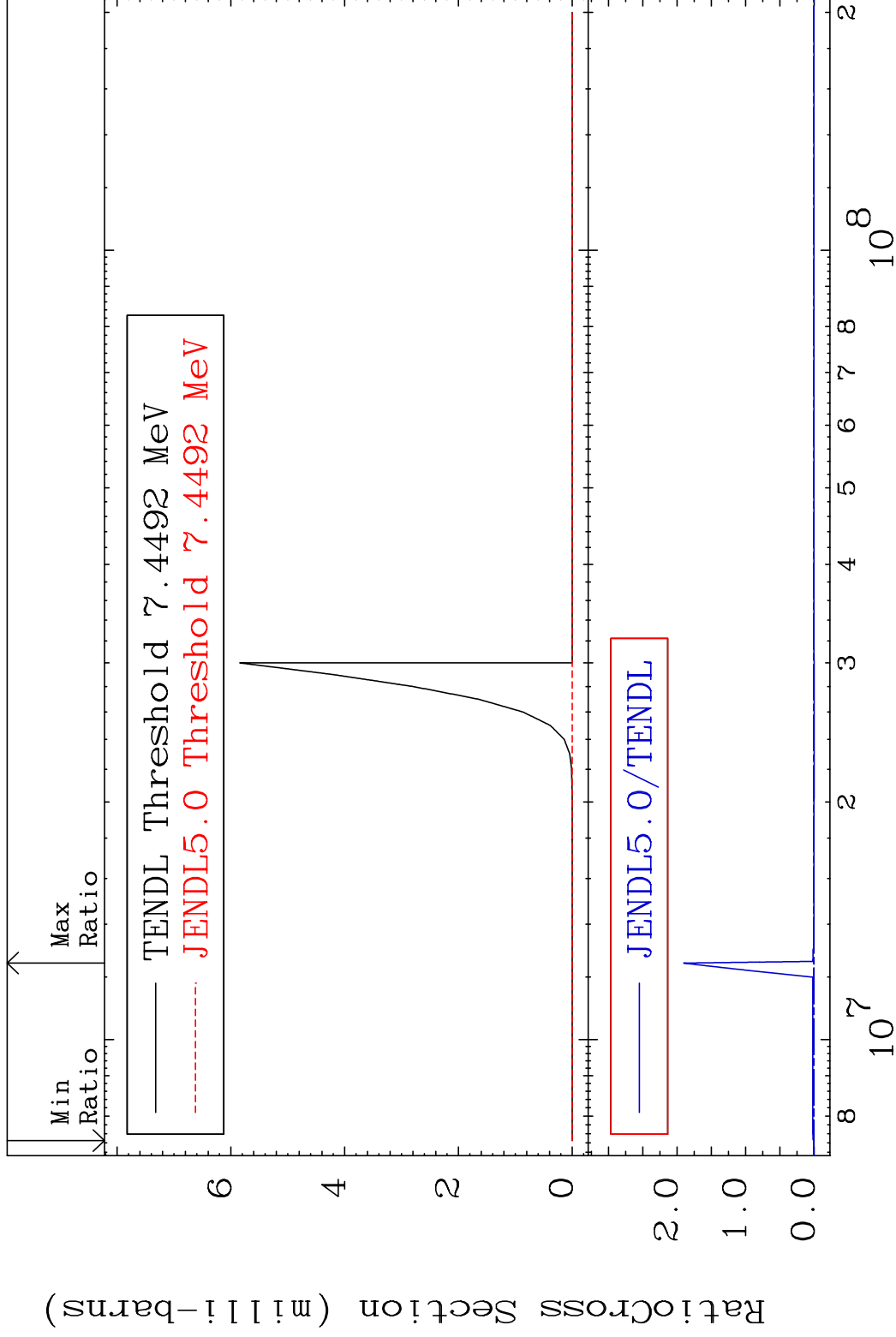
67-Ho-163

MAT 6719

(n,2n) α

67-Ho-163

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

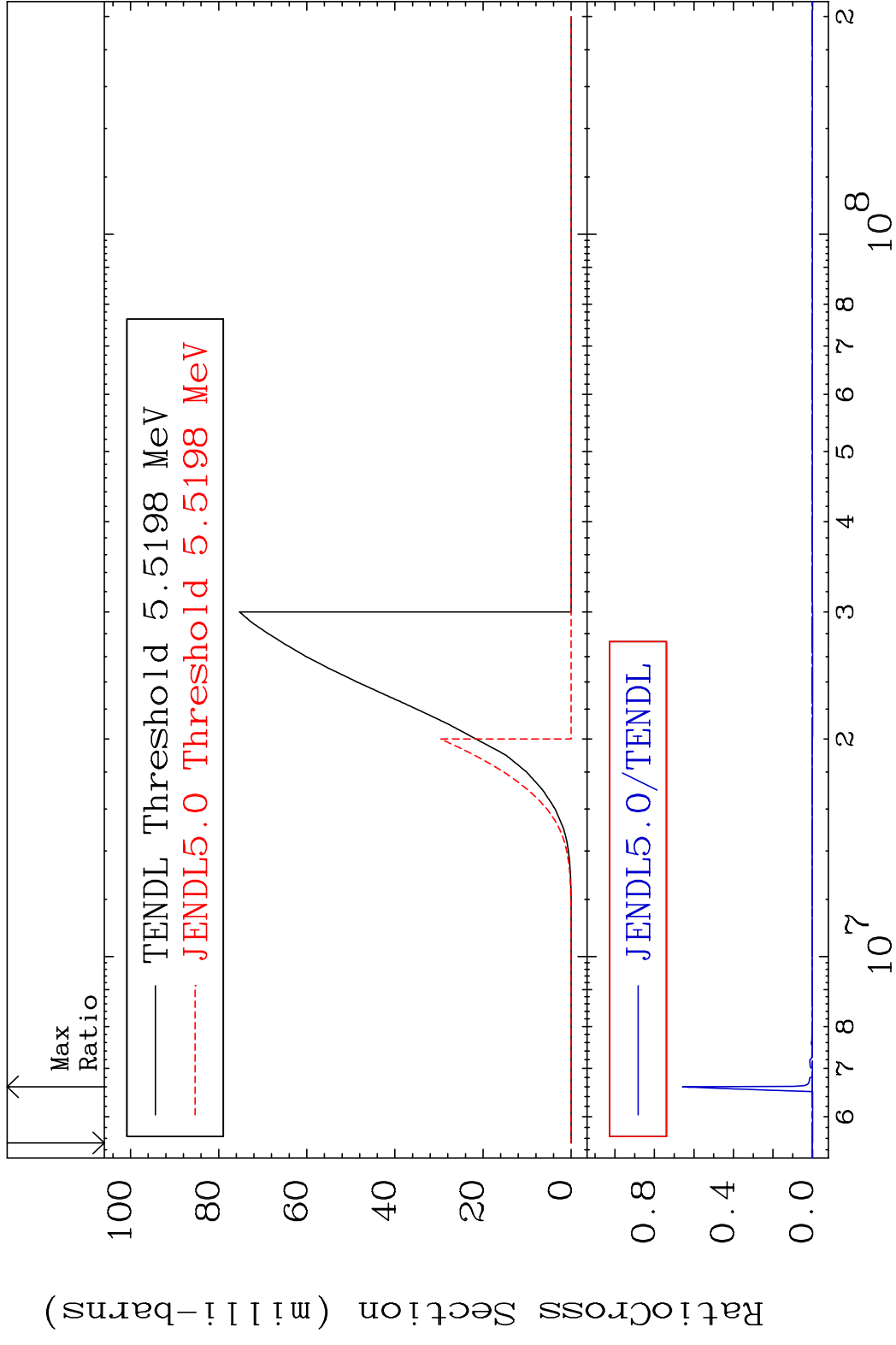
67-Ho-163

MAT 6719

(n, n') p

67-Ho-163

Cross Section -100.0 To 9999. %



9

Incident Energy (eV)

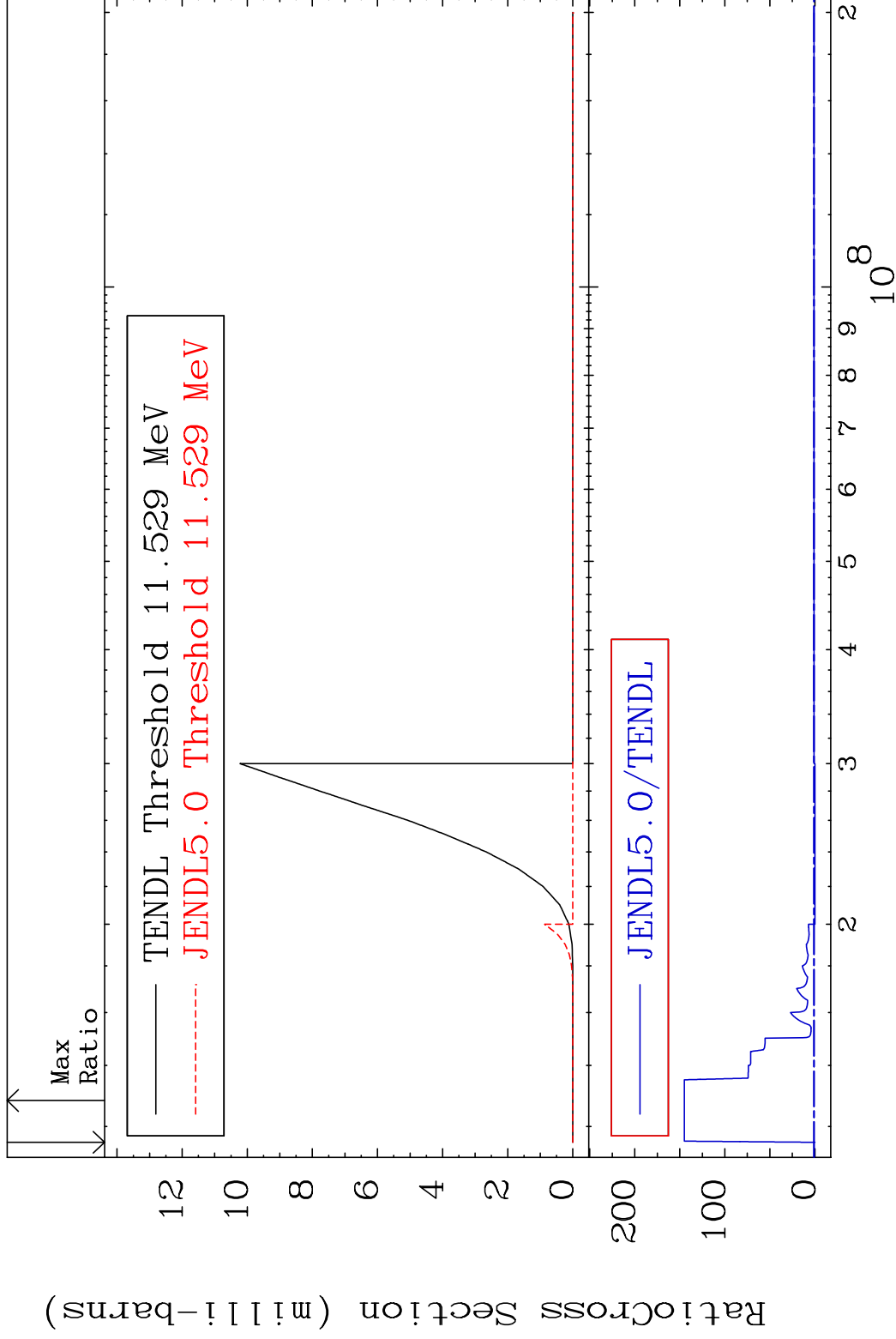
67-Ho-163

MAT 6719

(n, n') d

67-Ho-163

Cross Section -100.0 To 9999. %



10

Incident Energy (eV)

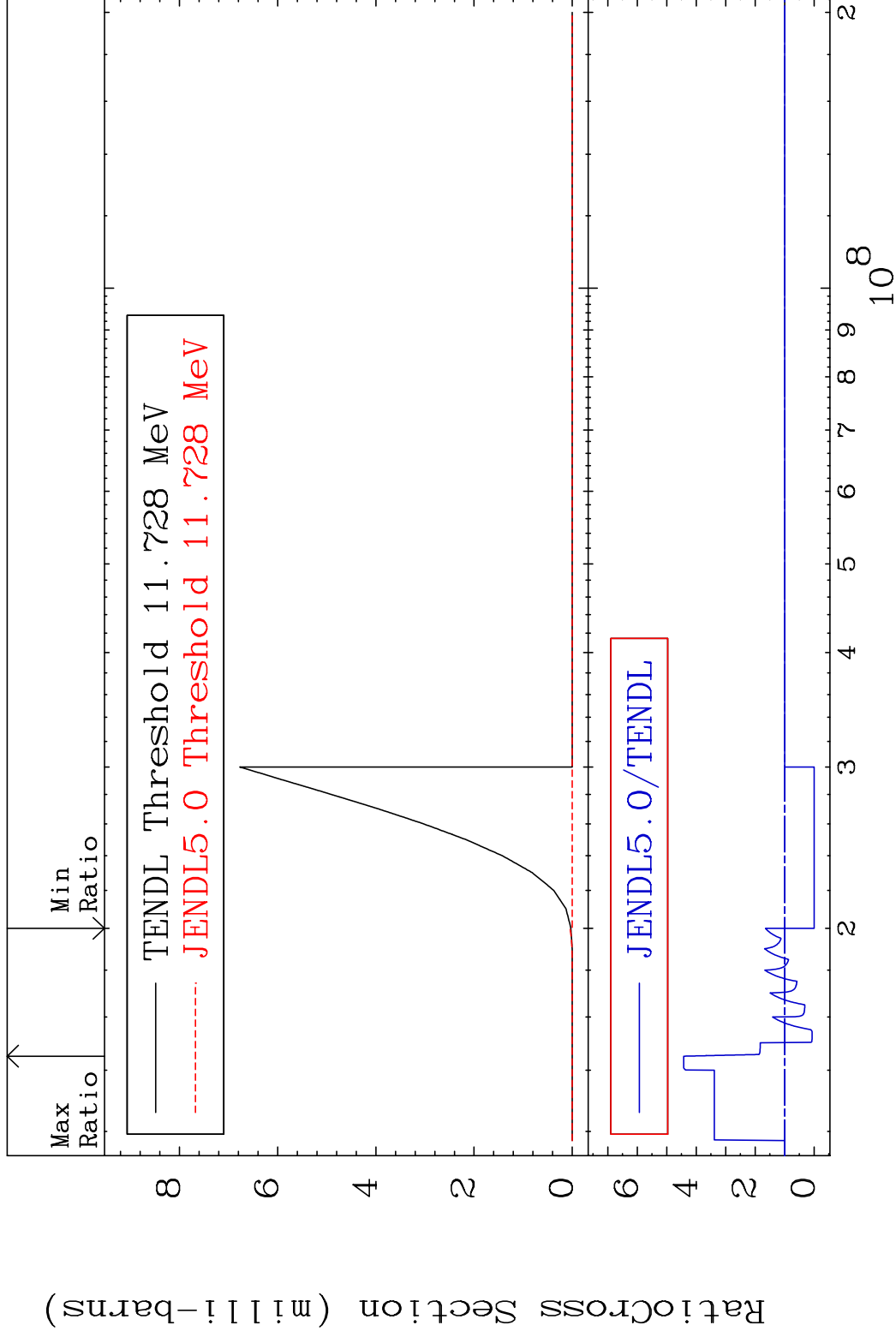
67-Ho-163

MAT 6719

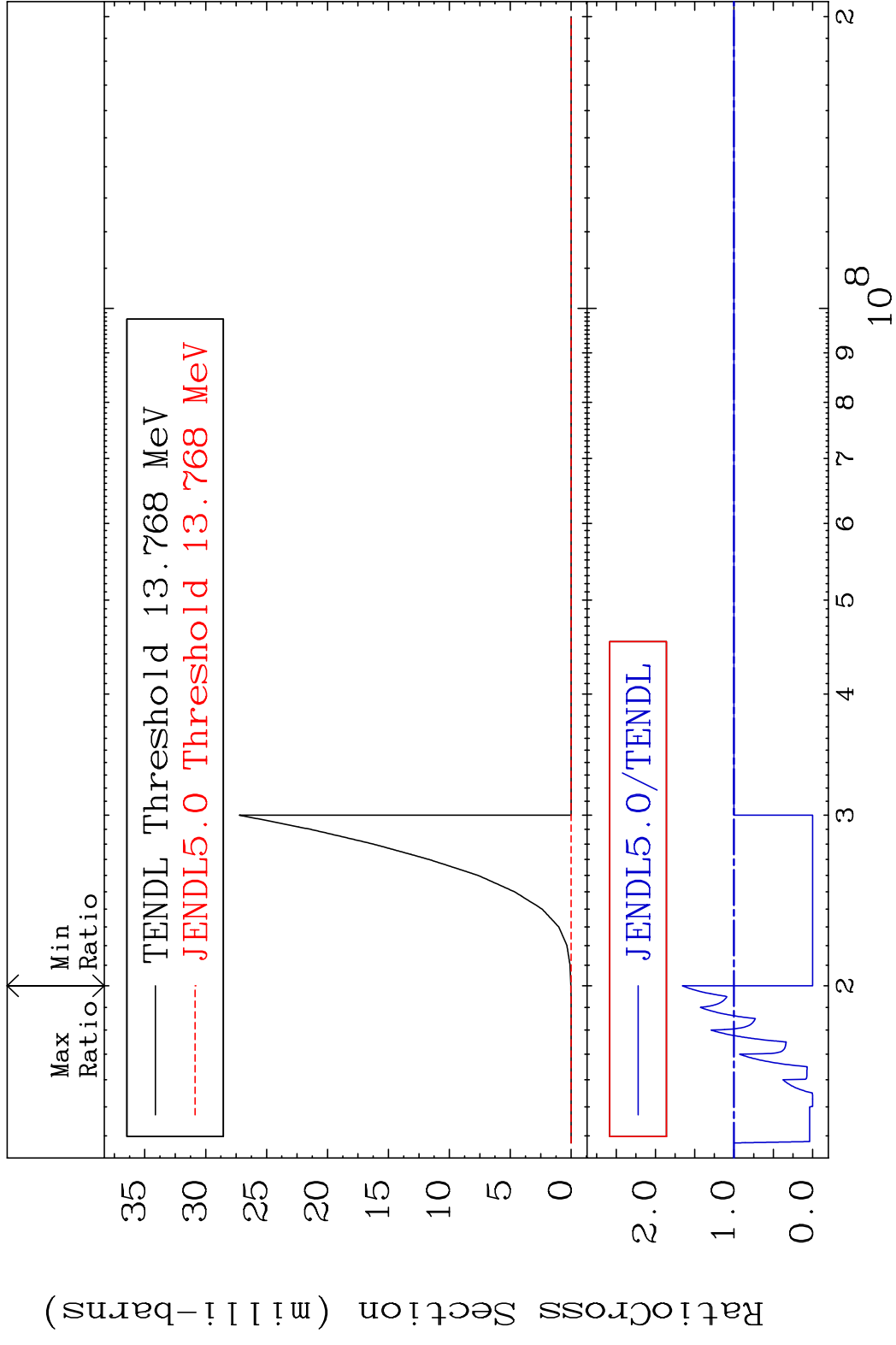
(n, n') t

67-Ho-163

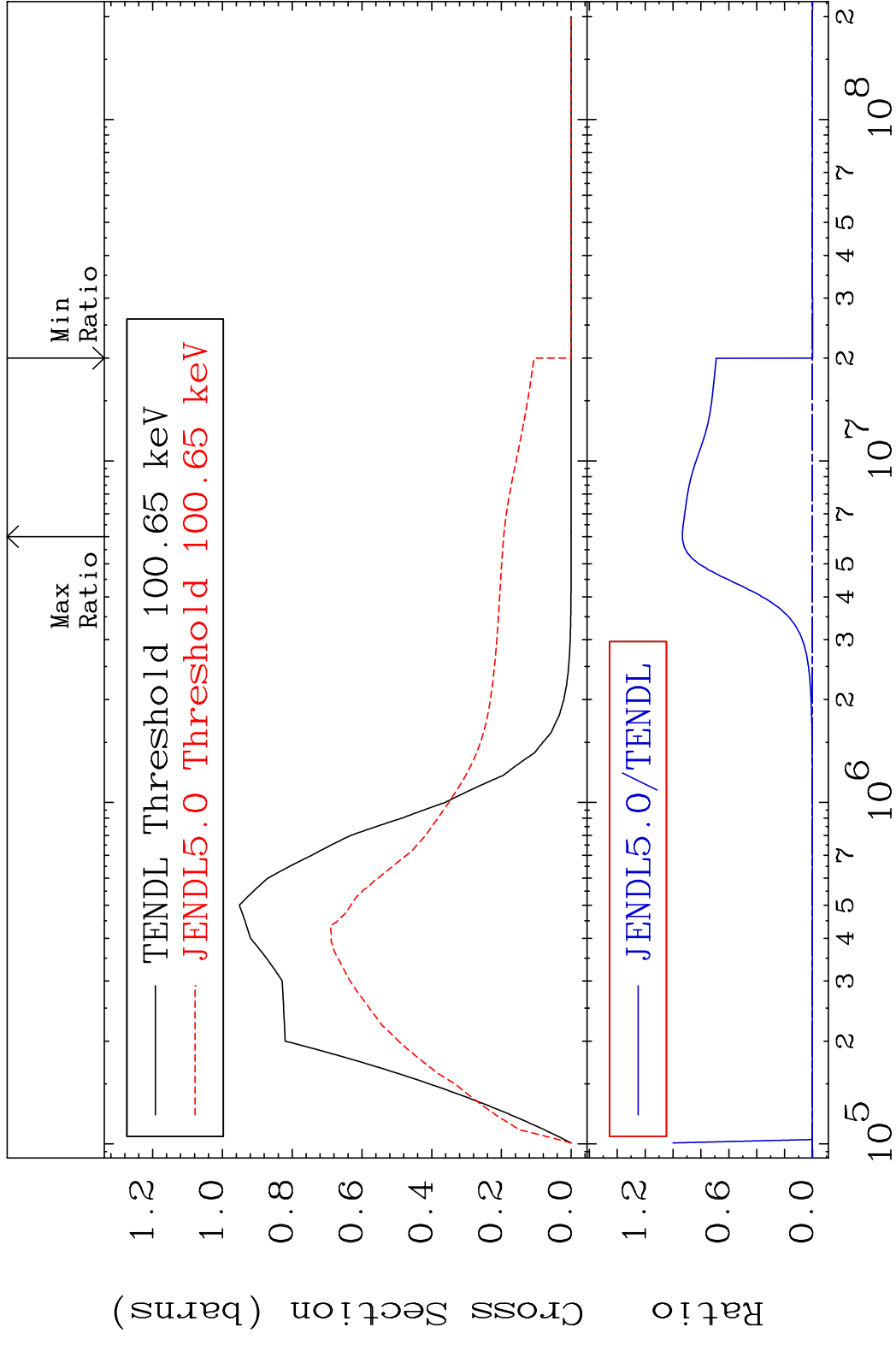
Cross Section -100.0 To 342.5 %



MAT 6719 (n,2n) p 67-Ho-163
 Cross Section -100.0 To 65.80 %

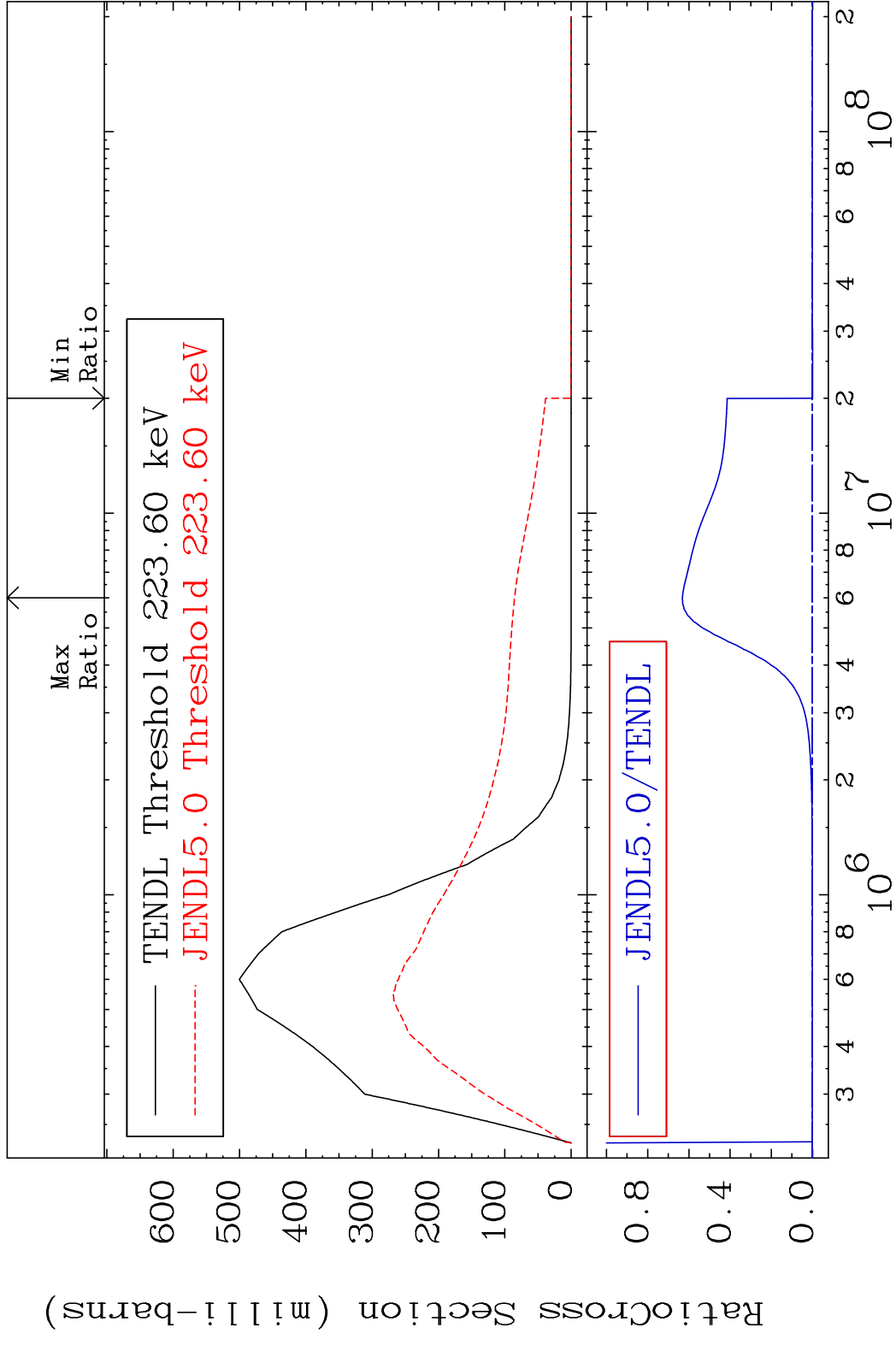


MAT 6719 MT= 51 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 9999. %

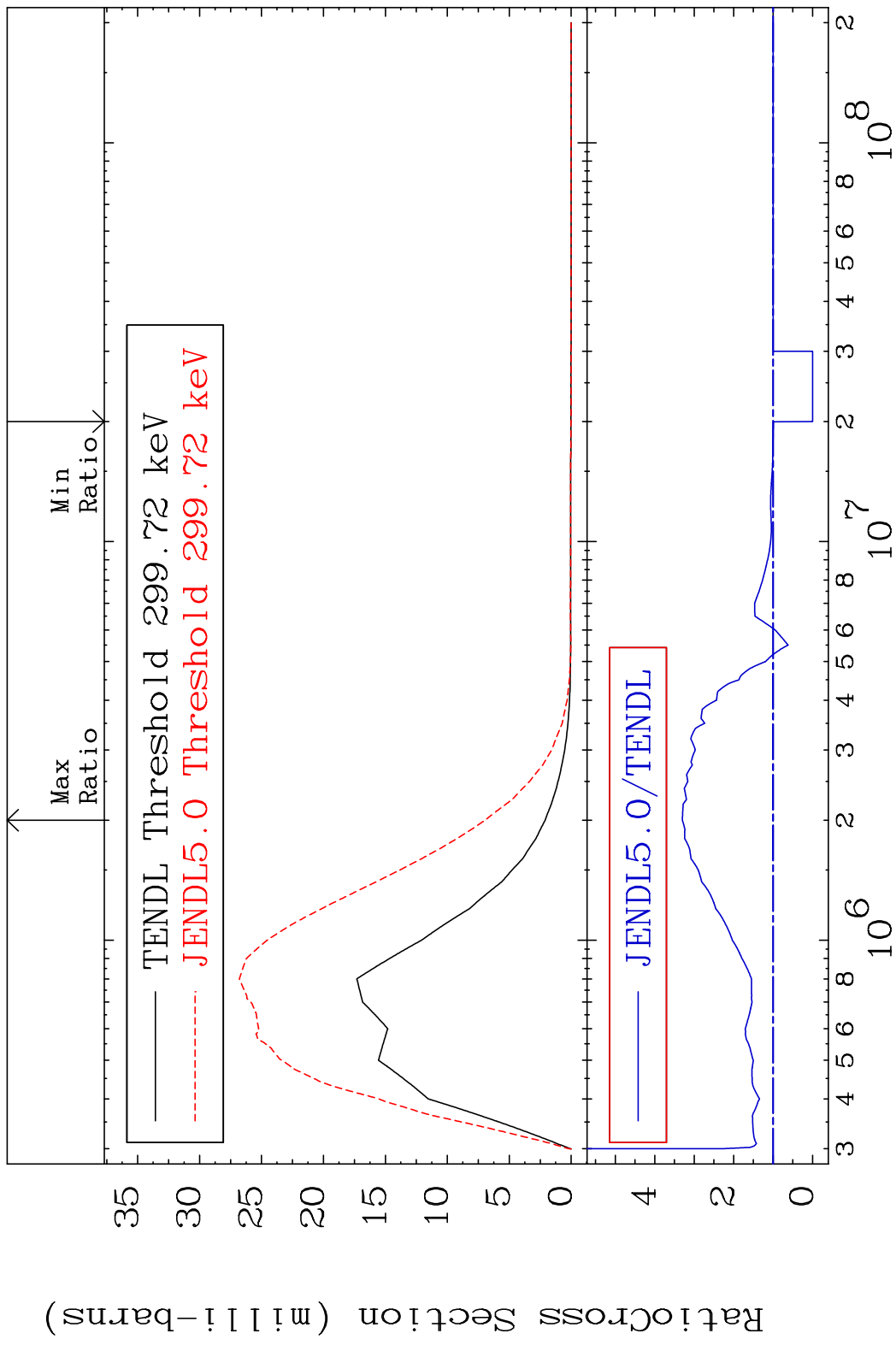


13 Incident Energy (eV) 67-Ho-163

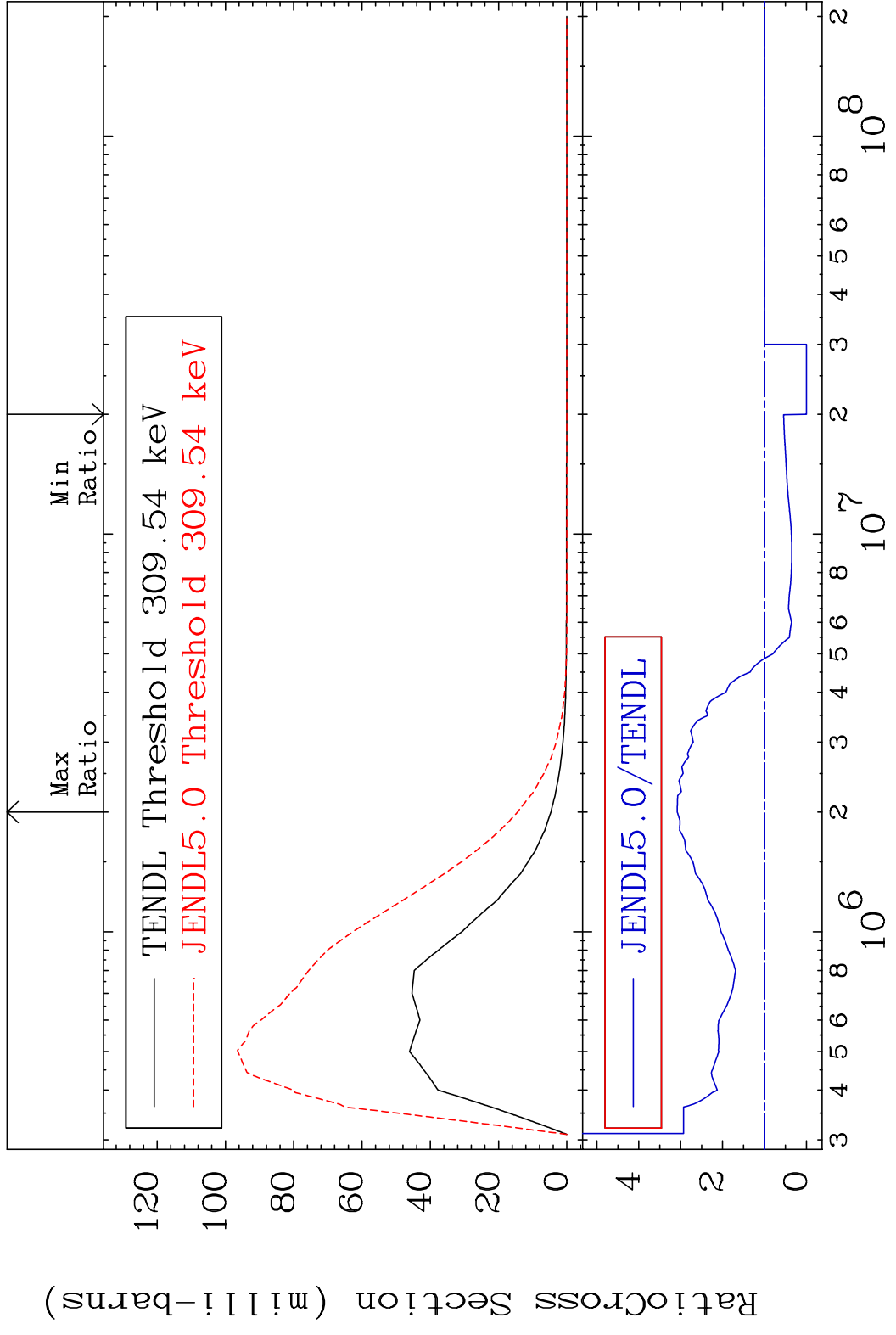
MAT 6719 MT= 52 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 9999. %



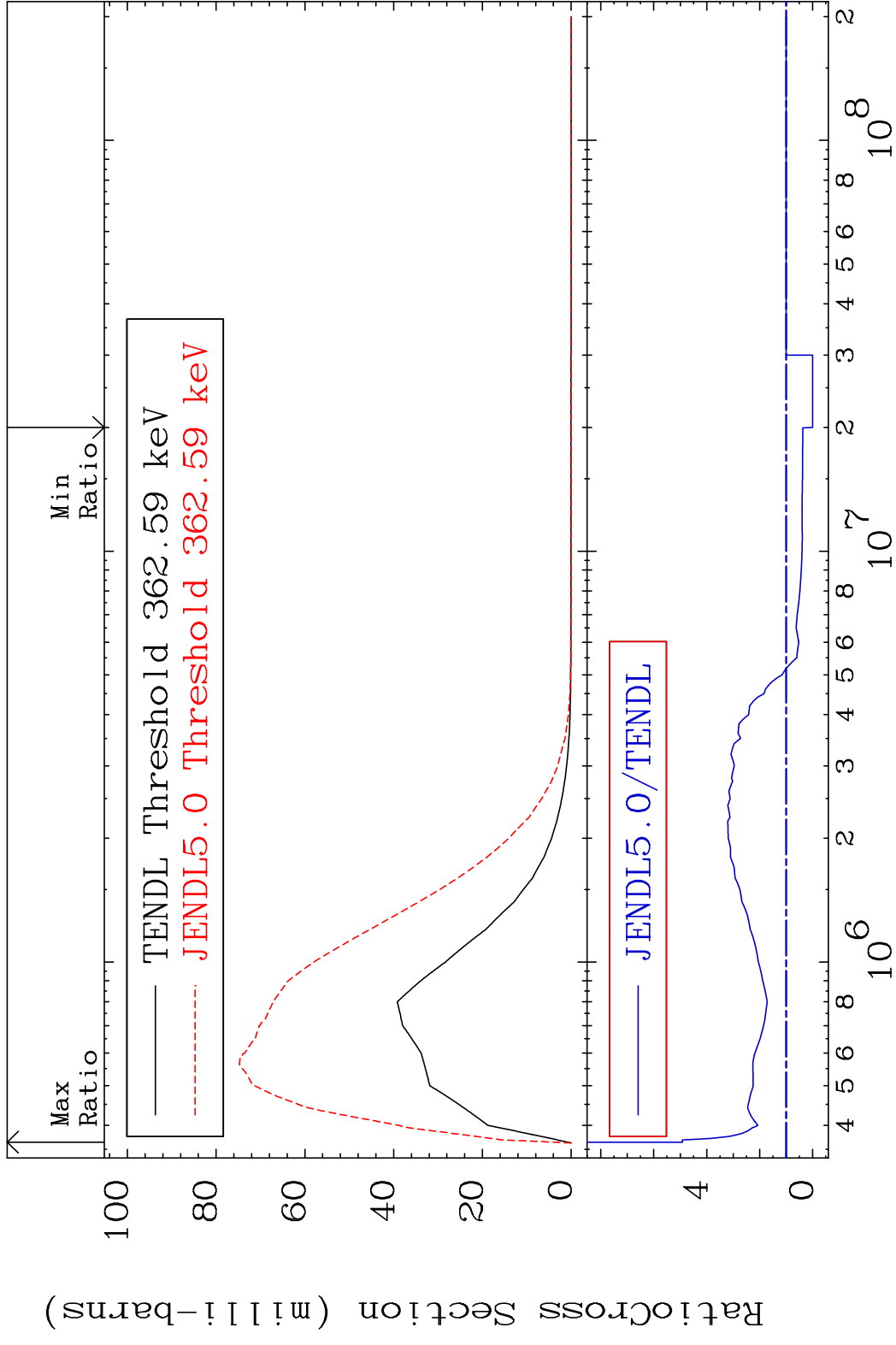
MAT 6719 MT= 53 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 230.0 %



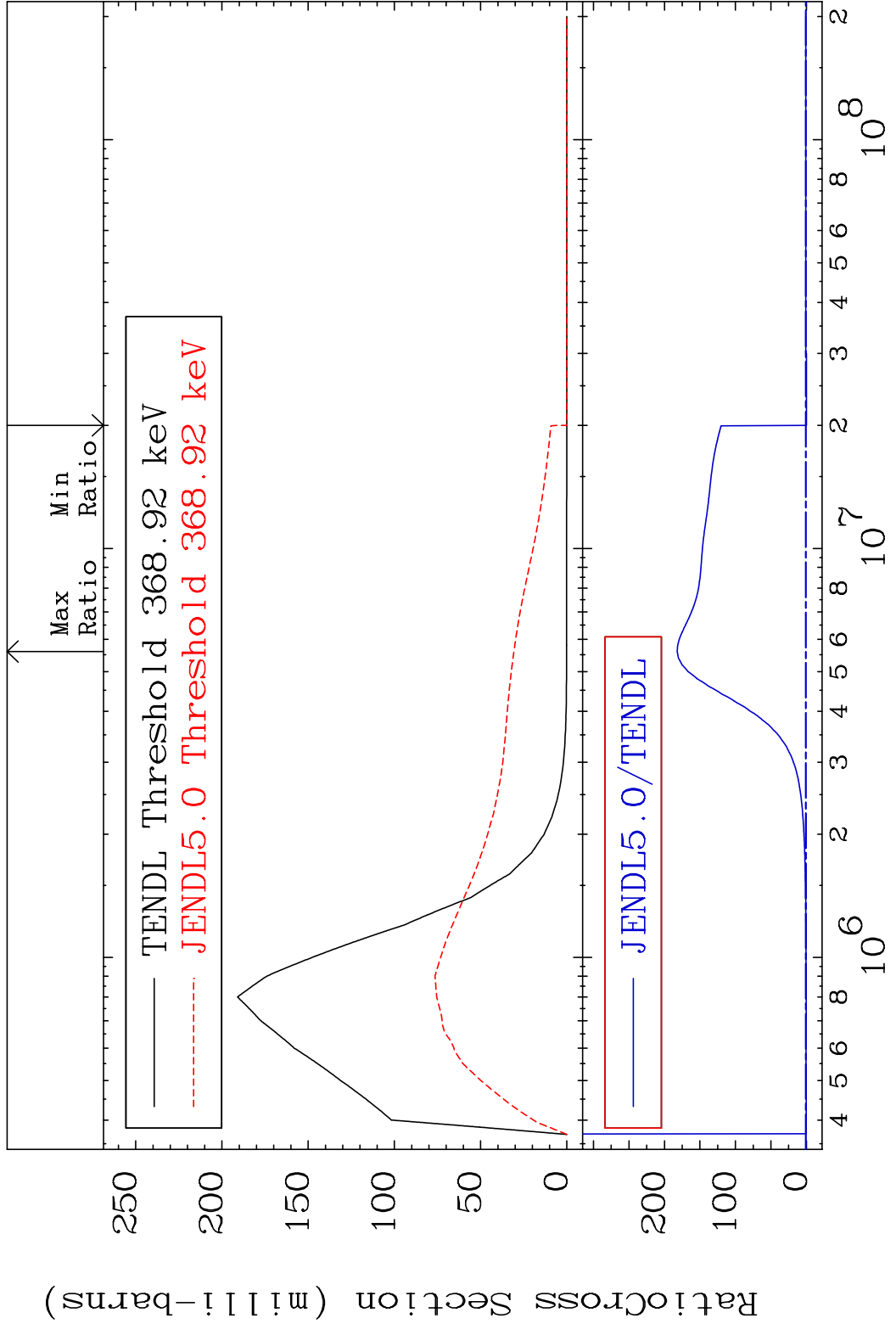
MAT 6719 MT= 54 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 208.3 %



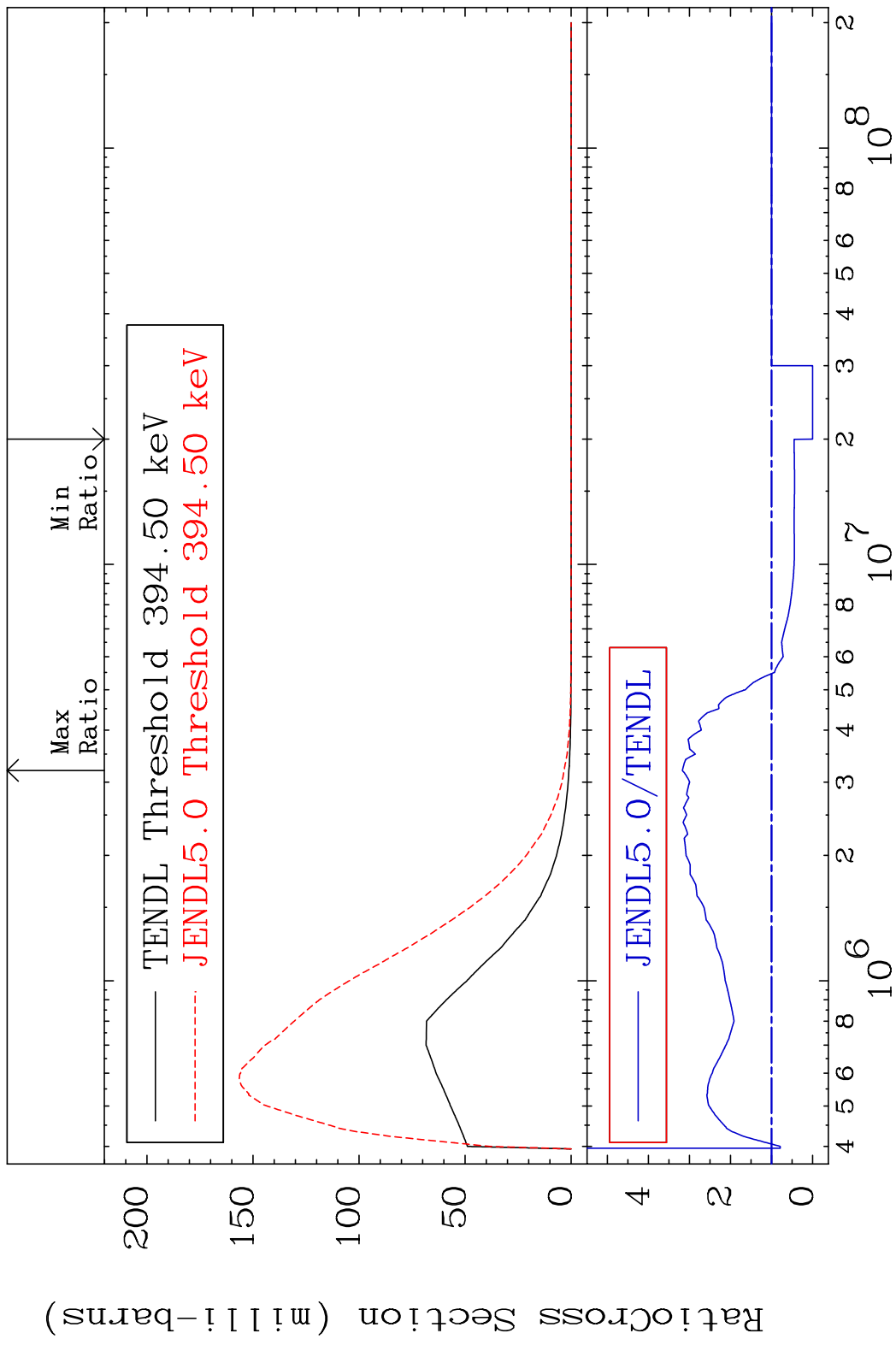
MAT 6719 MT= 55 (n,n') Level 67-Ho-163
 Cross Section -100.0 To 392.0 %



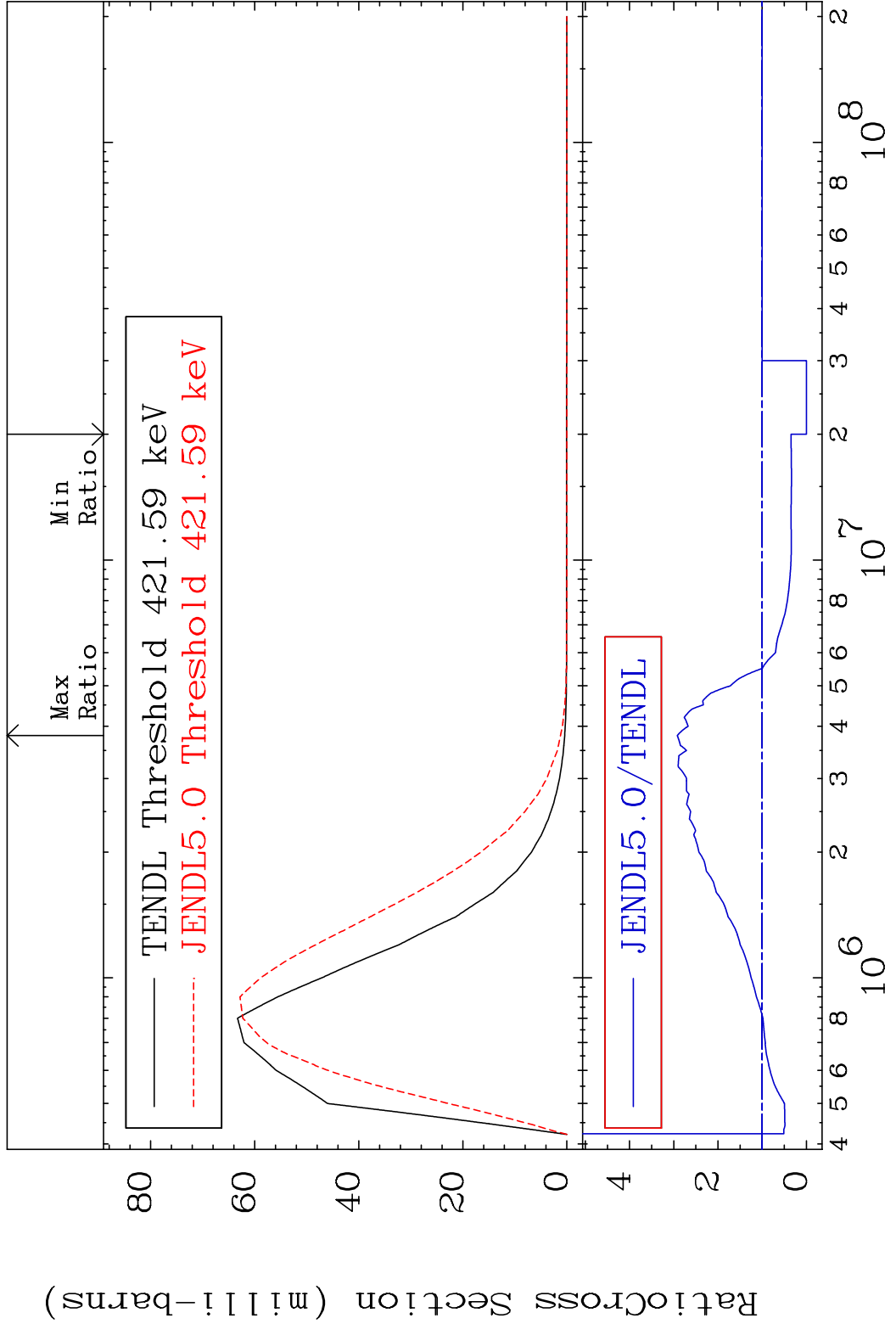
MAT 6719 MT= 56 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 9999. %



MAT 6719 MT= 57 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 217.4 %

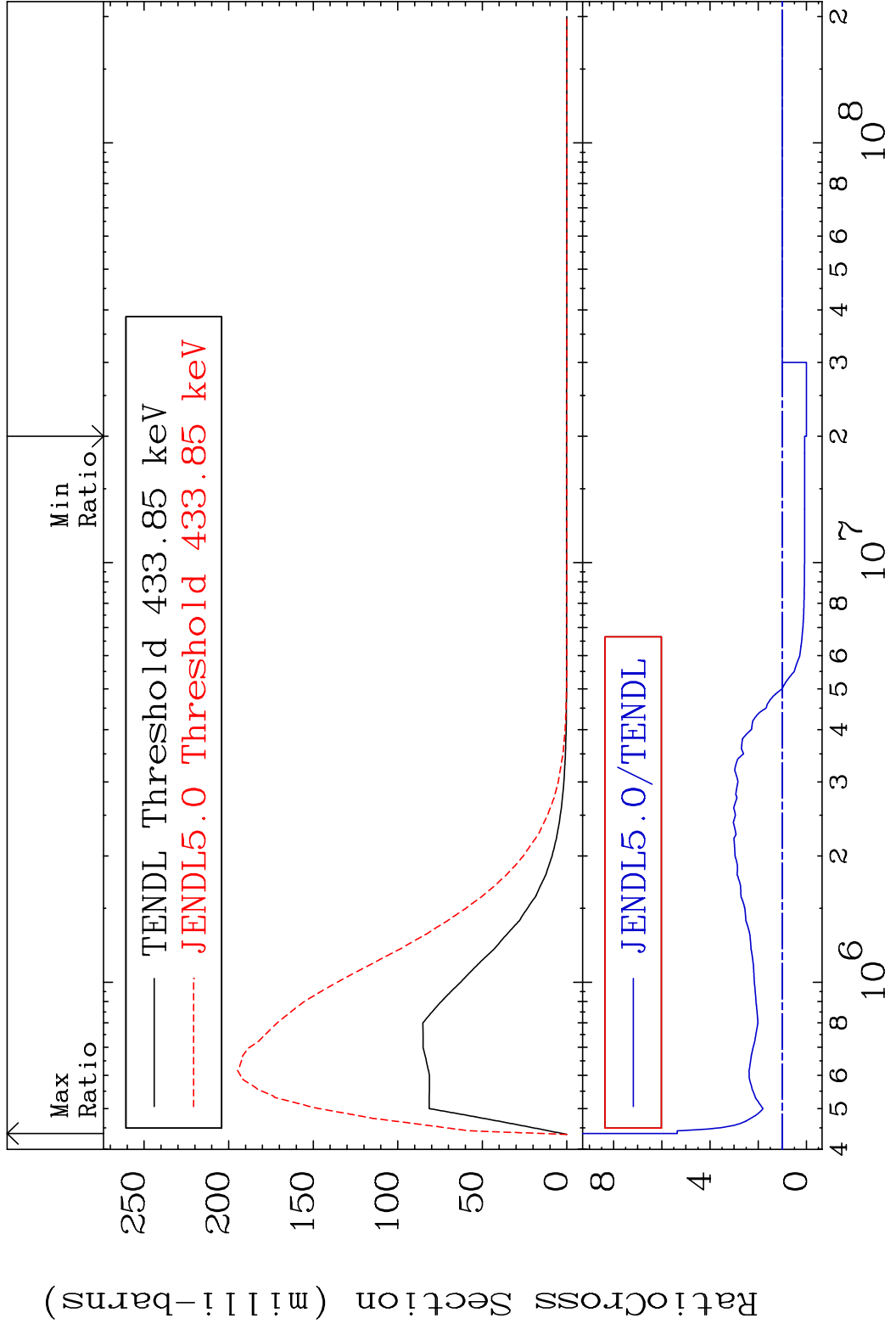


MAT 6719 MT= 58 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 192.3 %

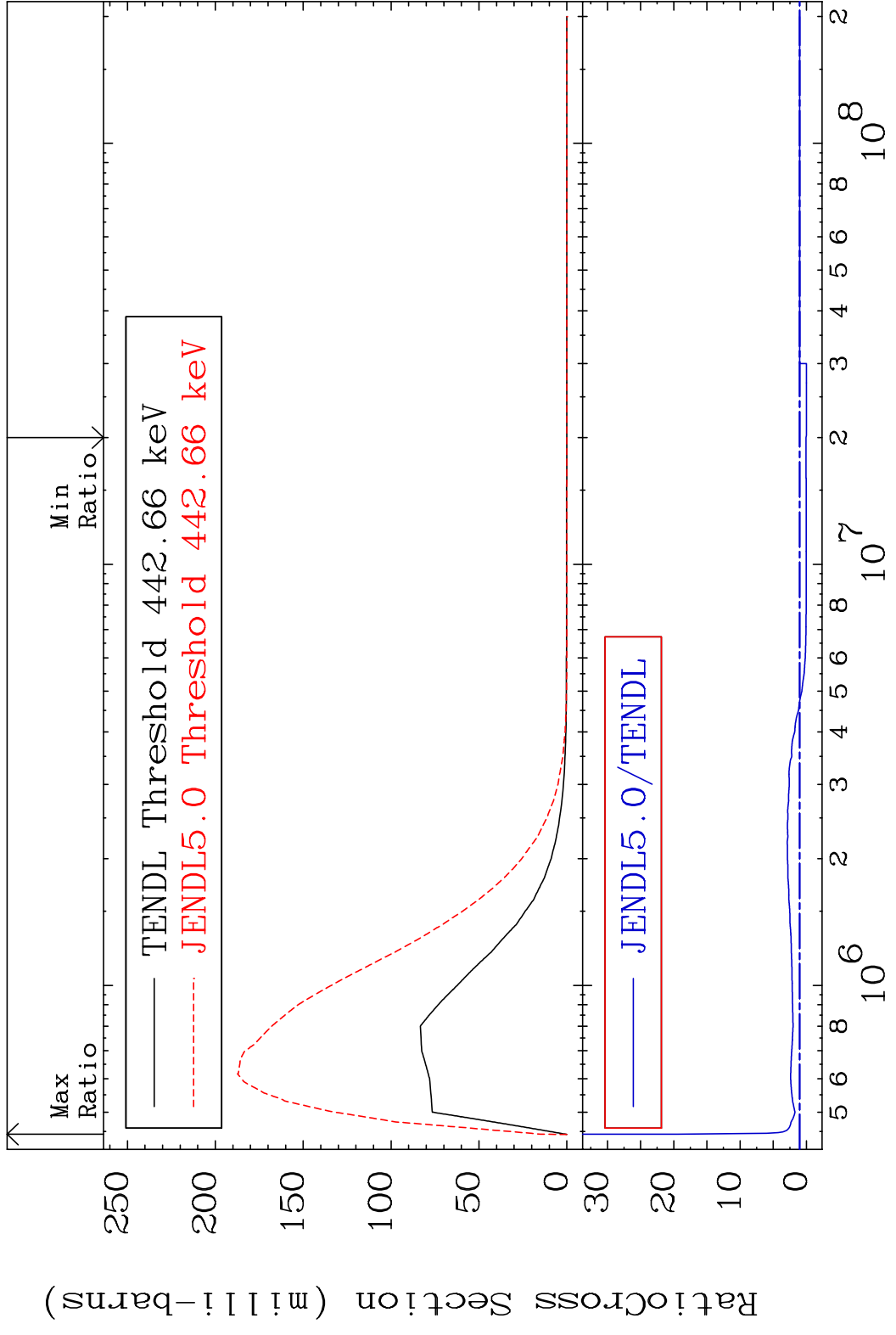


20 Incident Energy (eV) 67-Ho-163

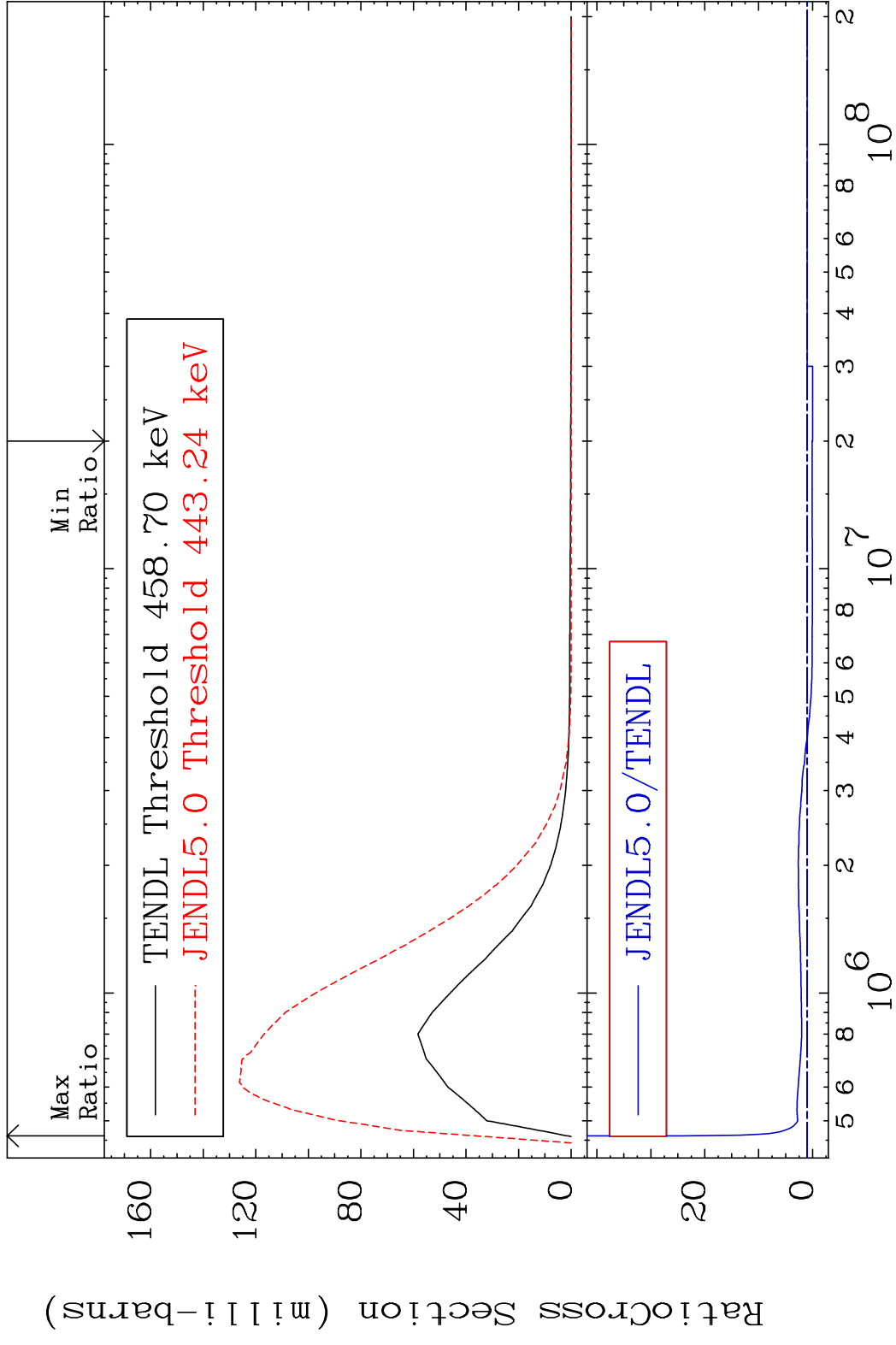
MAT 6719 MT= 59 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 436.2 %



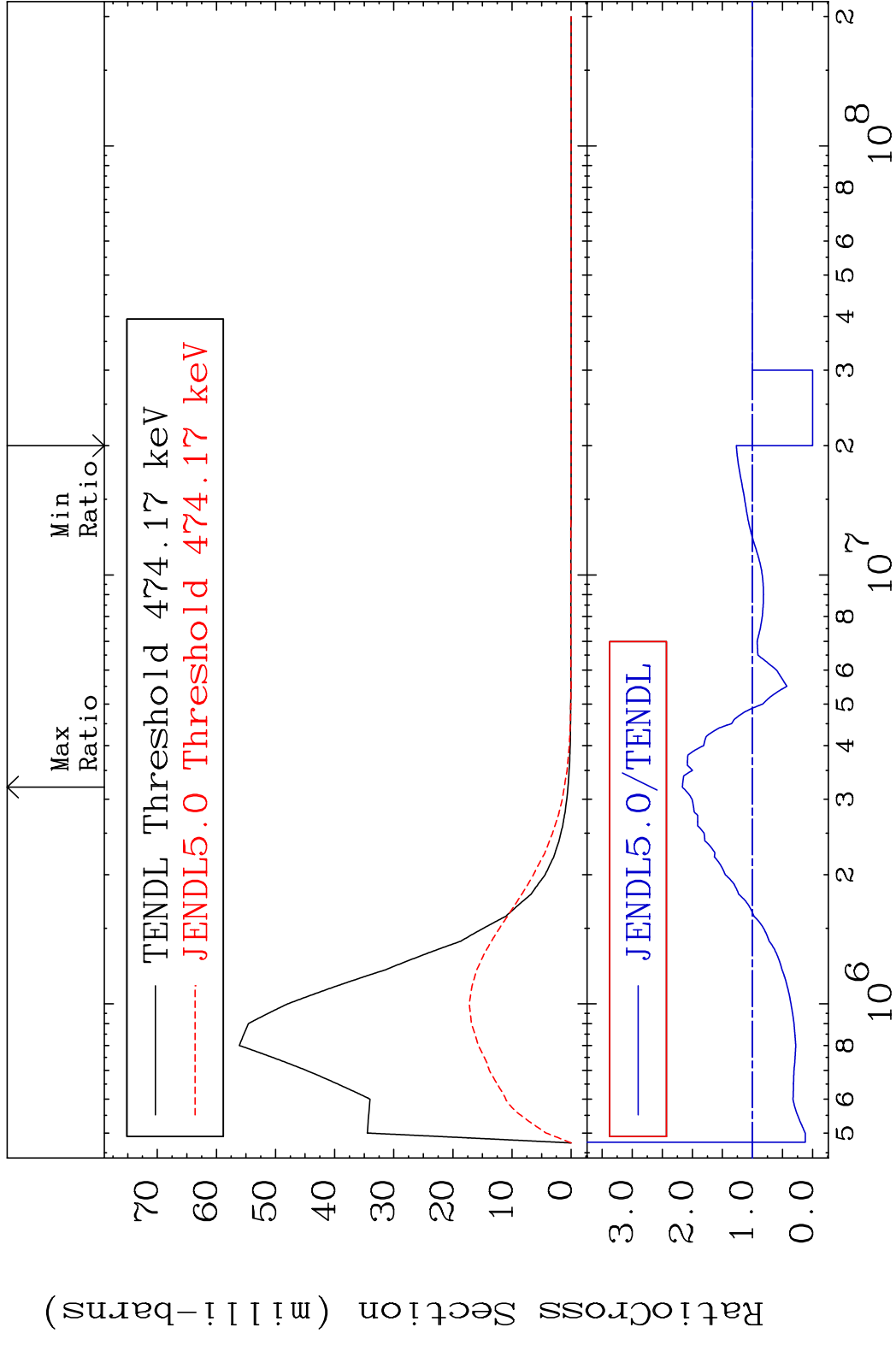
MAT 6719 MT= 60 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 1848. %



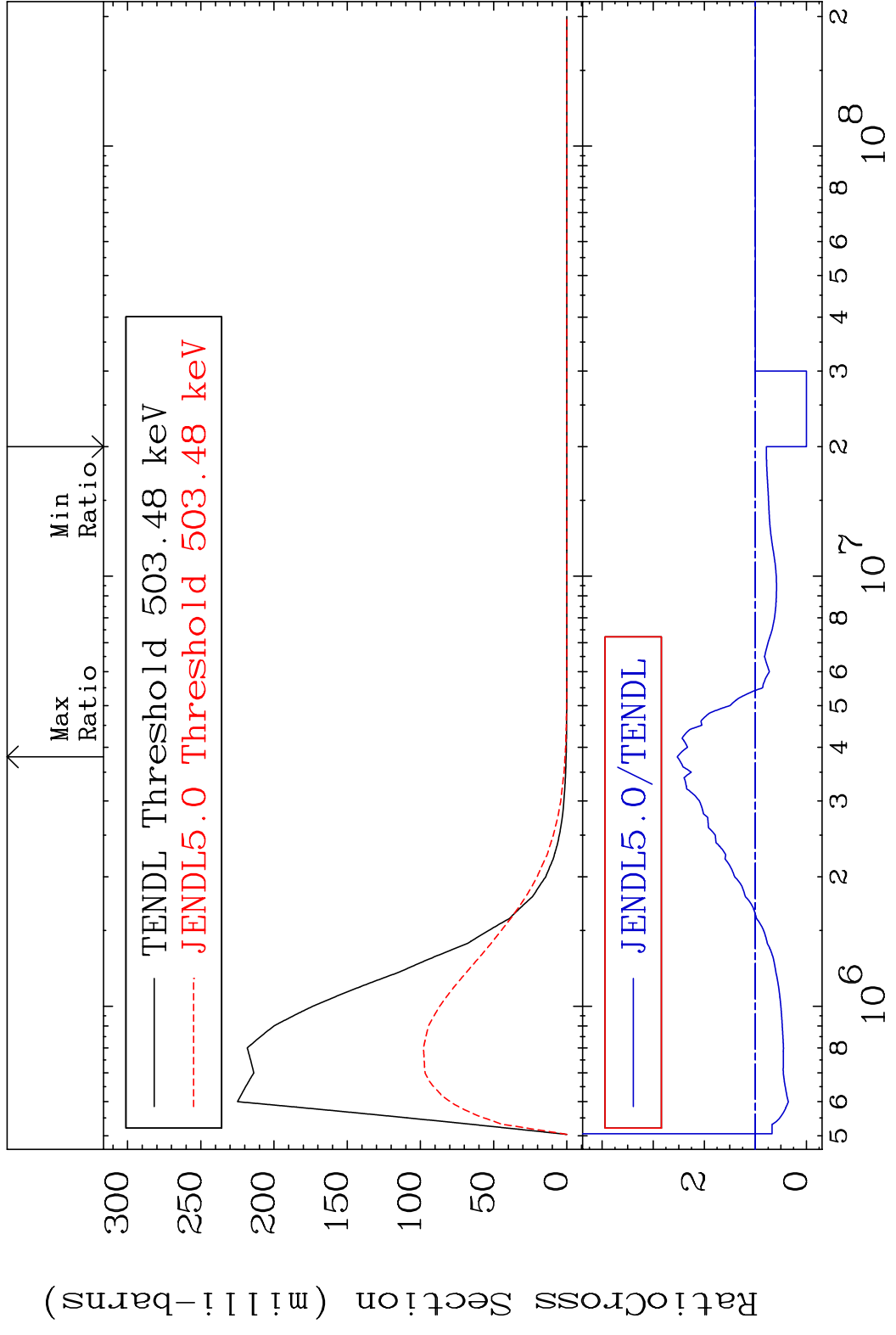
MAT 6719 MT= 61 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 2315. %



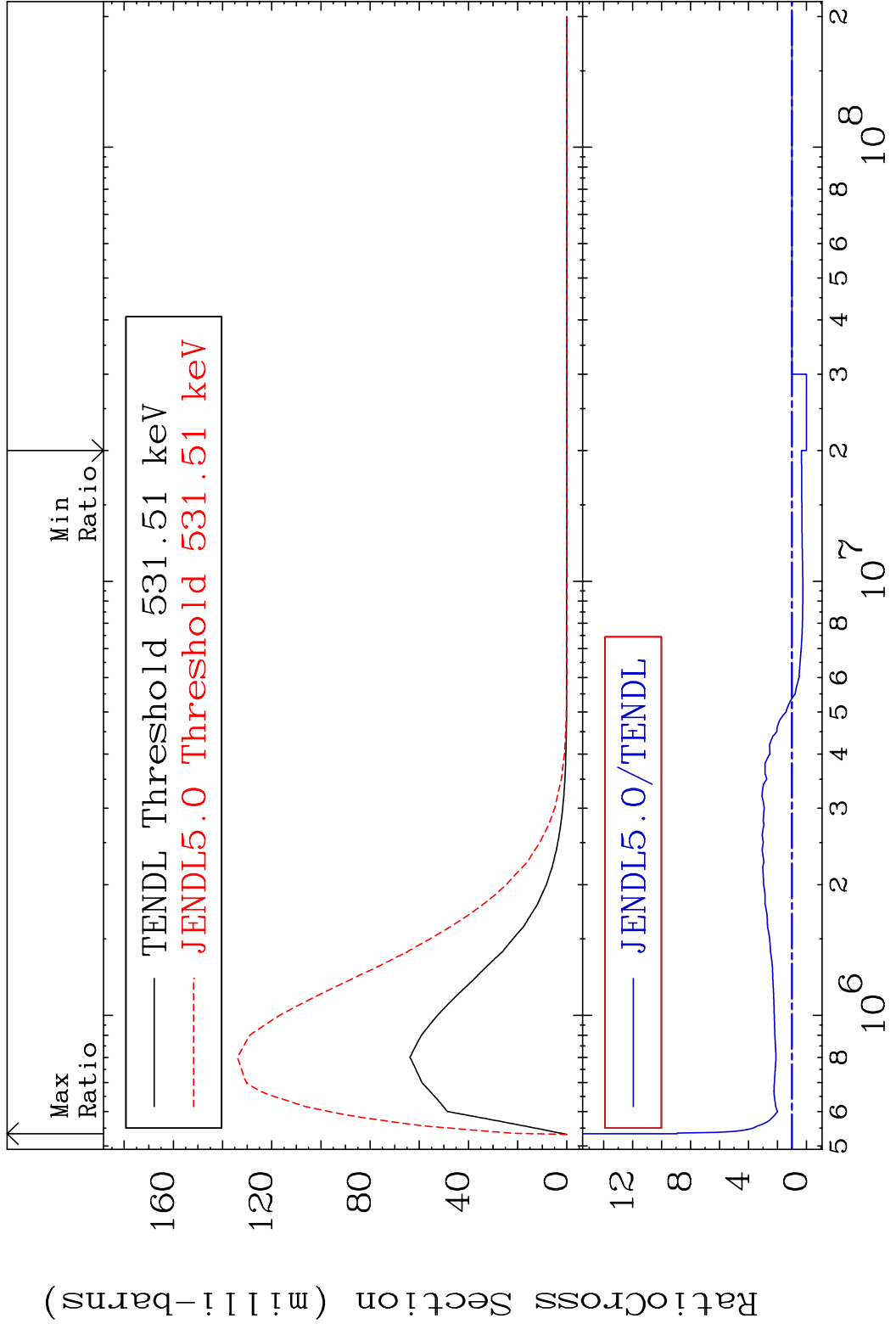
MAT 6719 MT= 62 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 116.6 %



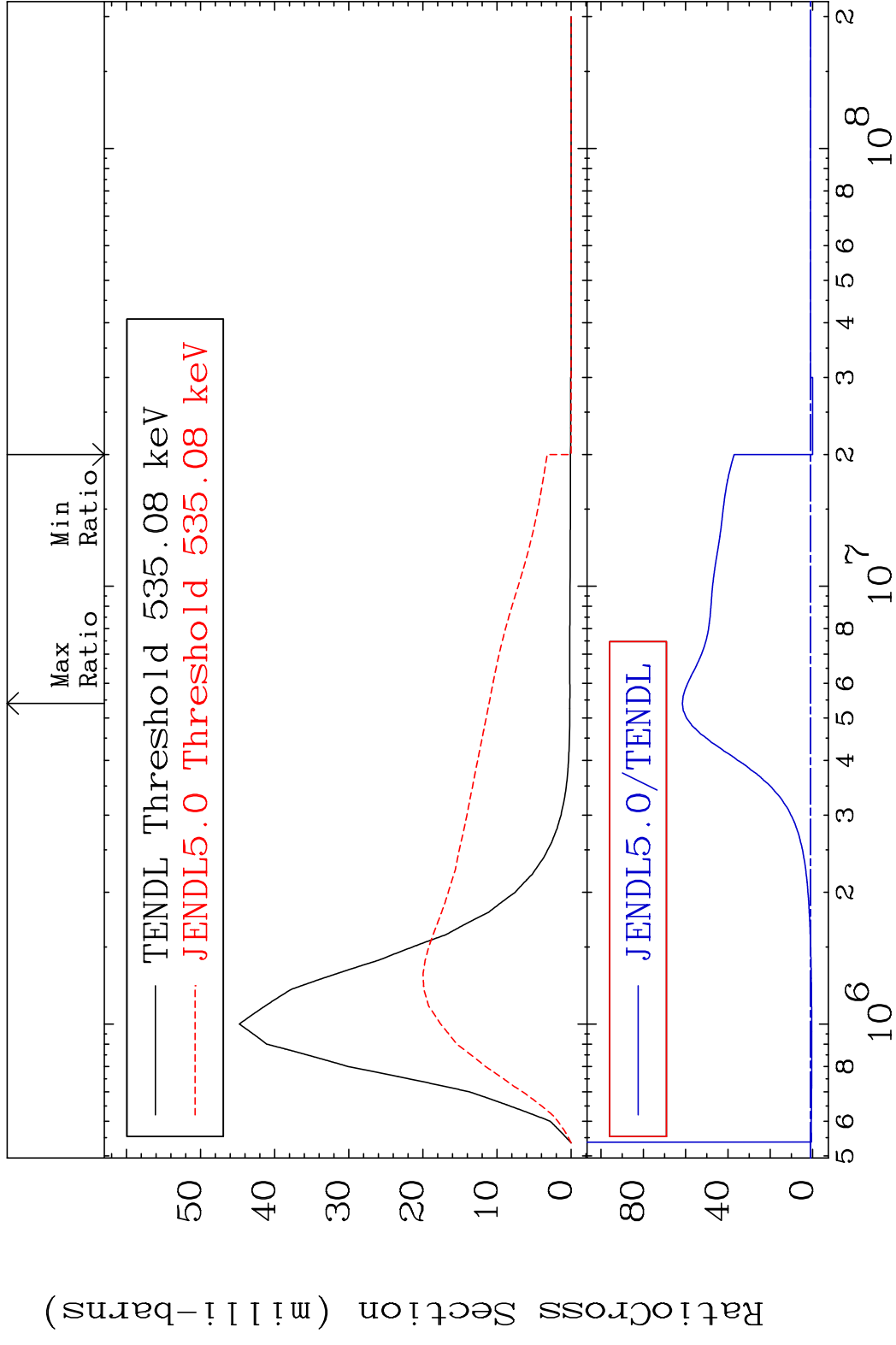
MAT 6719 MT= 63 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 153.0 %



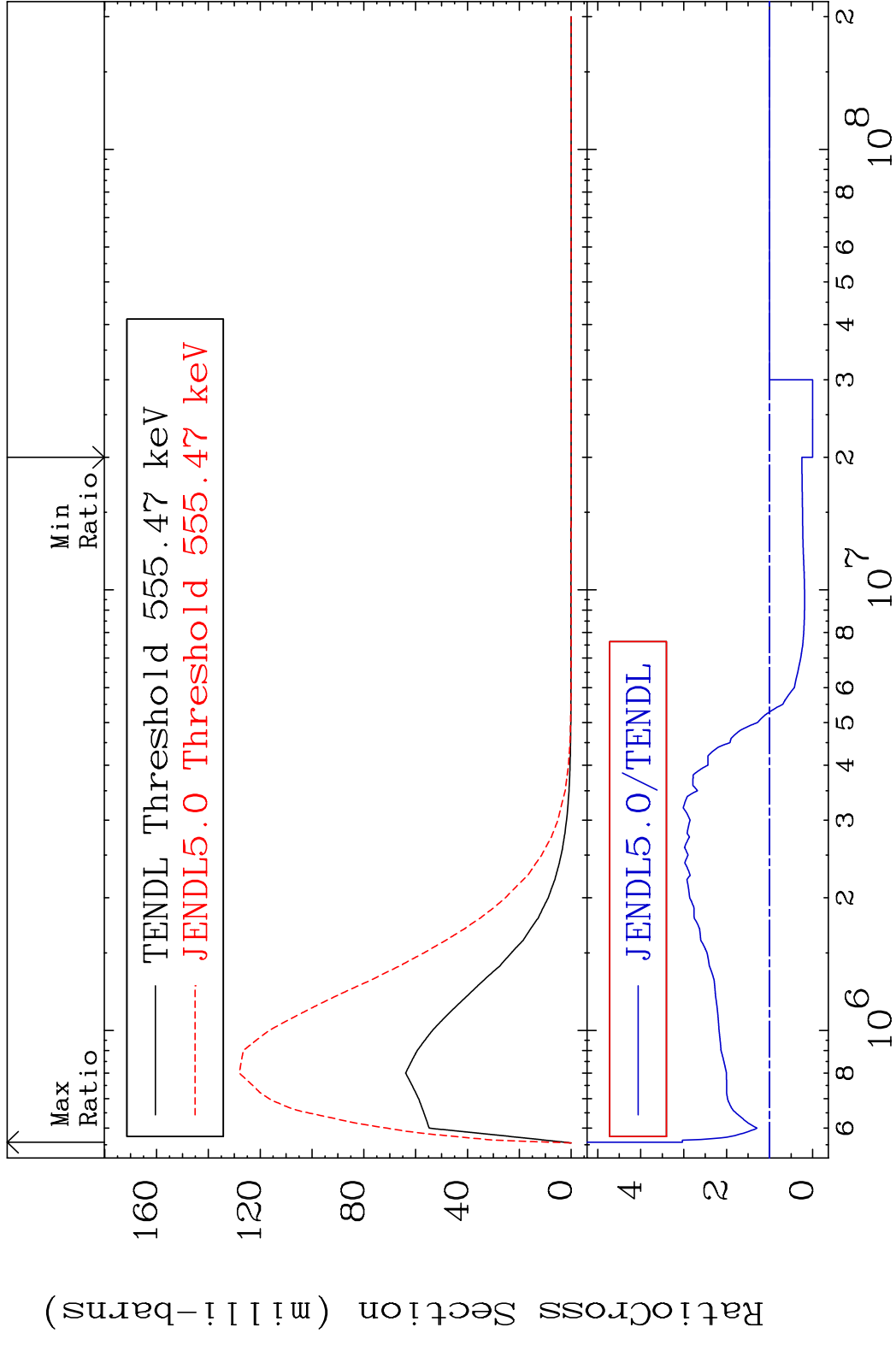
MAT 6719 MT= 64 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 792.5 %



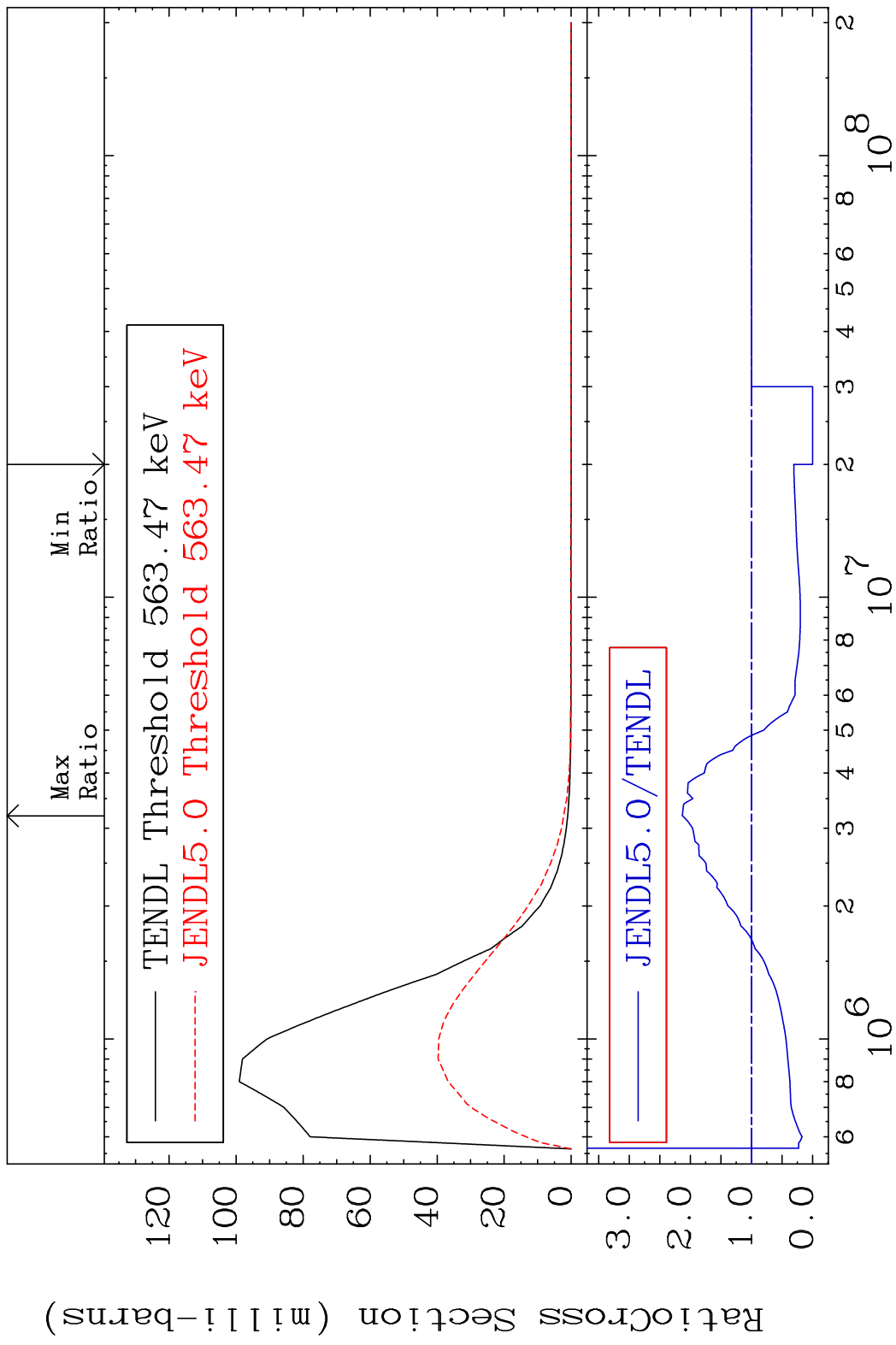
MAT 6719 MT= 65 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 6055. %



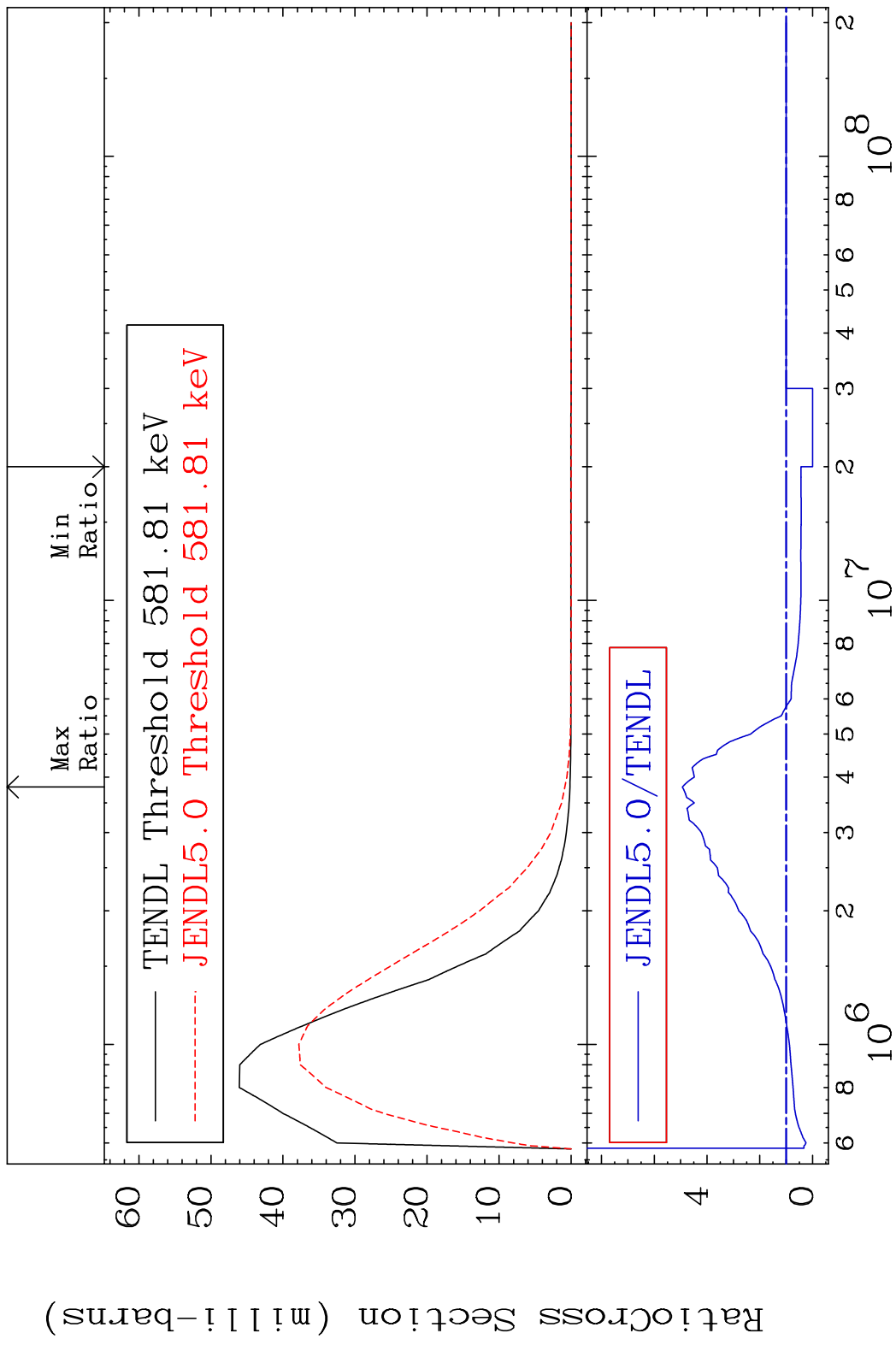
MAT 6719 MT= 66 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 203.1 %



MAT 6719 MT= 67 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 113.2 %

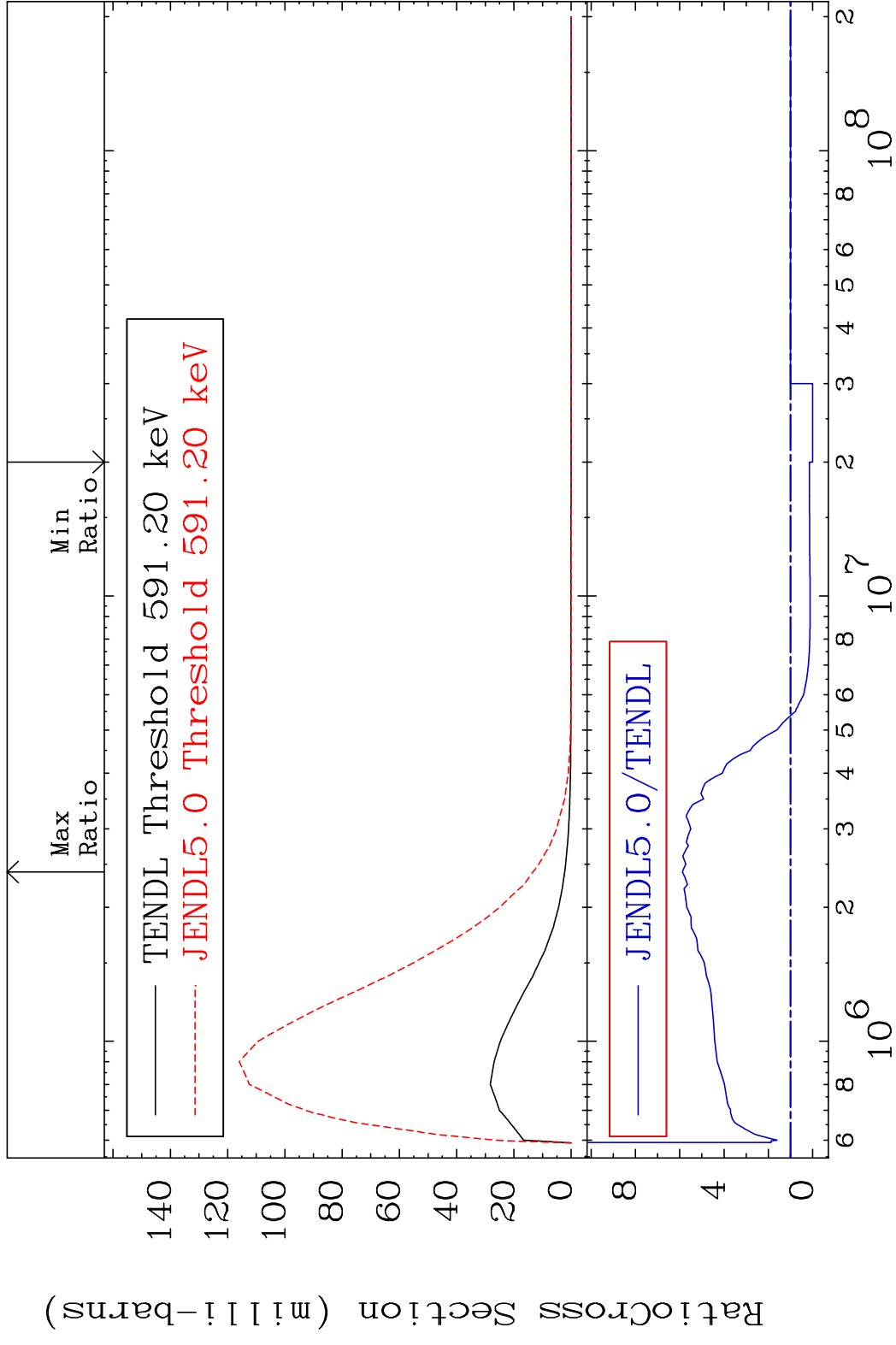


MAT 6719 MT= 68 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 393.6 %

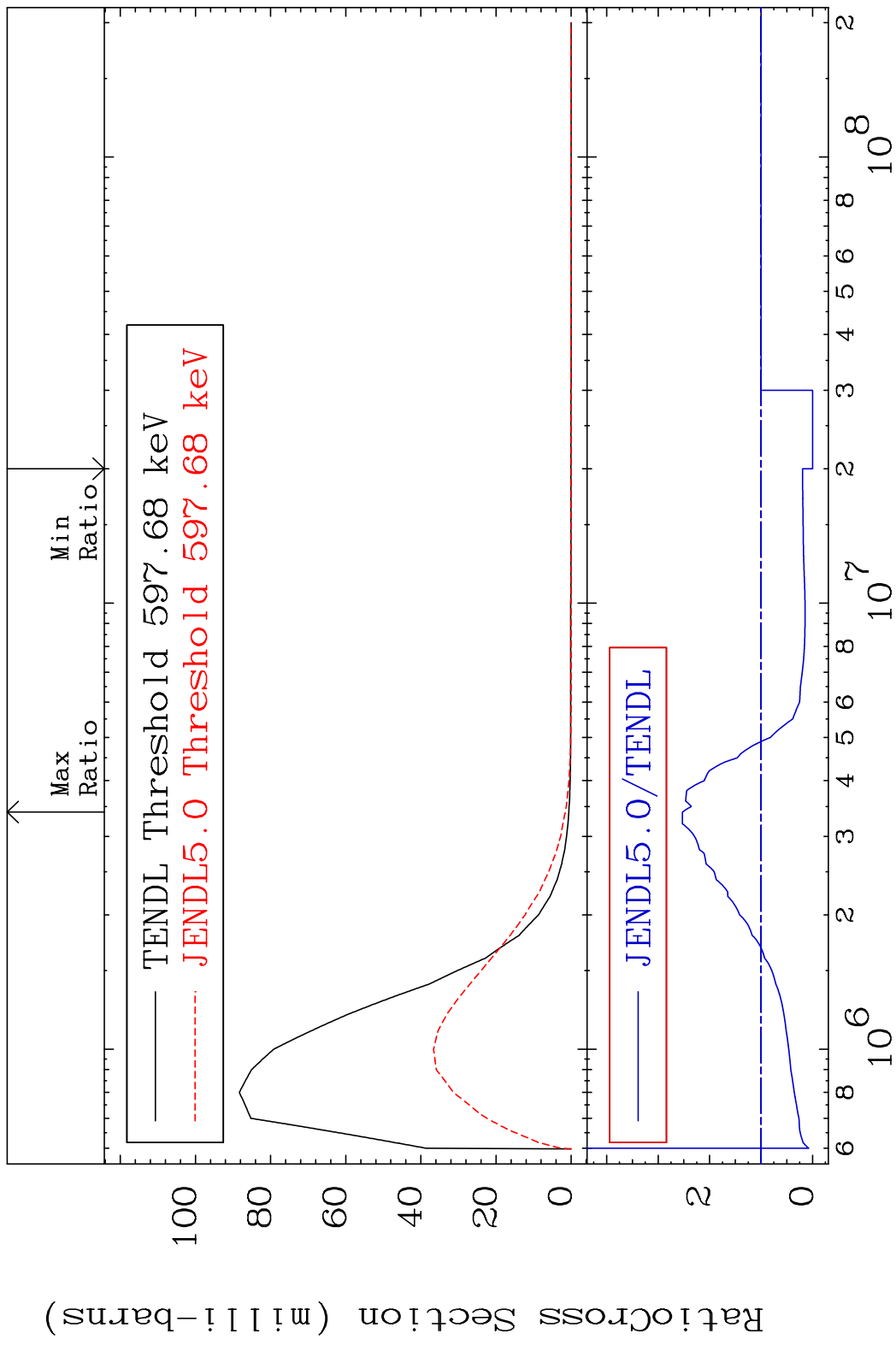


30 Incident Energy (eV) 67-Ho-163

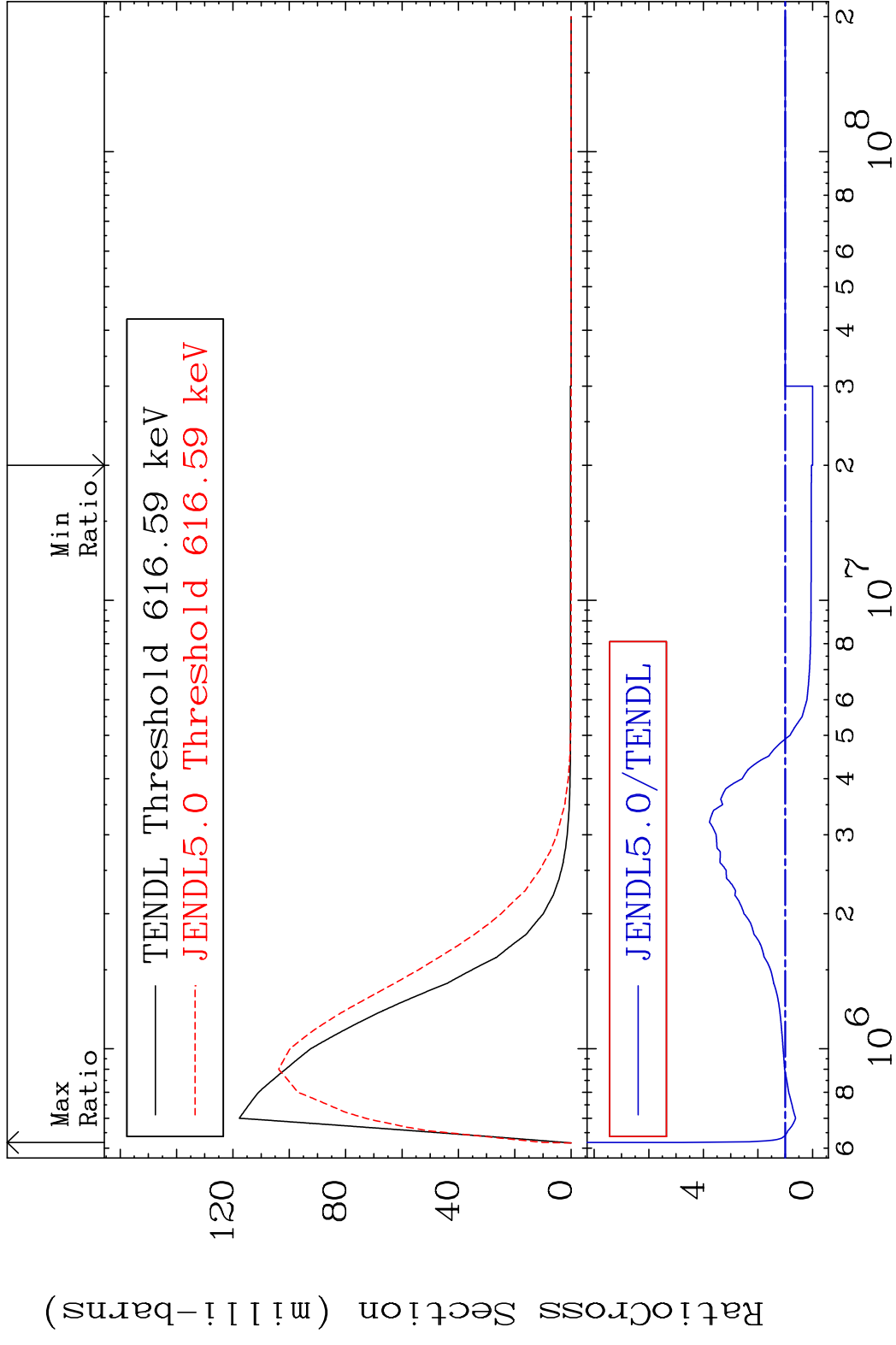
MAT 6719 MT= 69 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 488.2 %



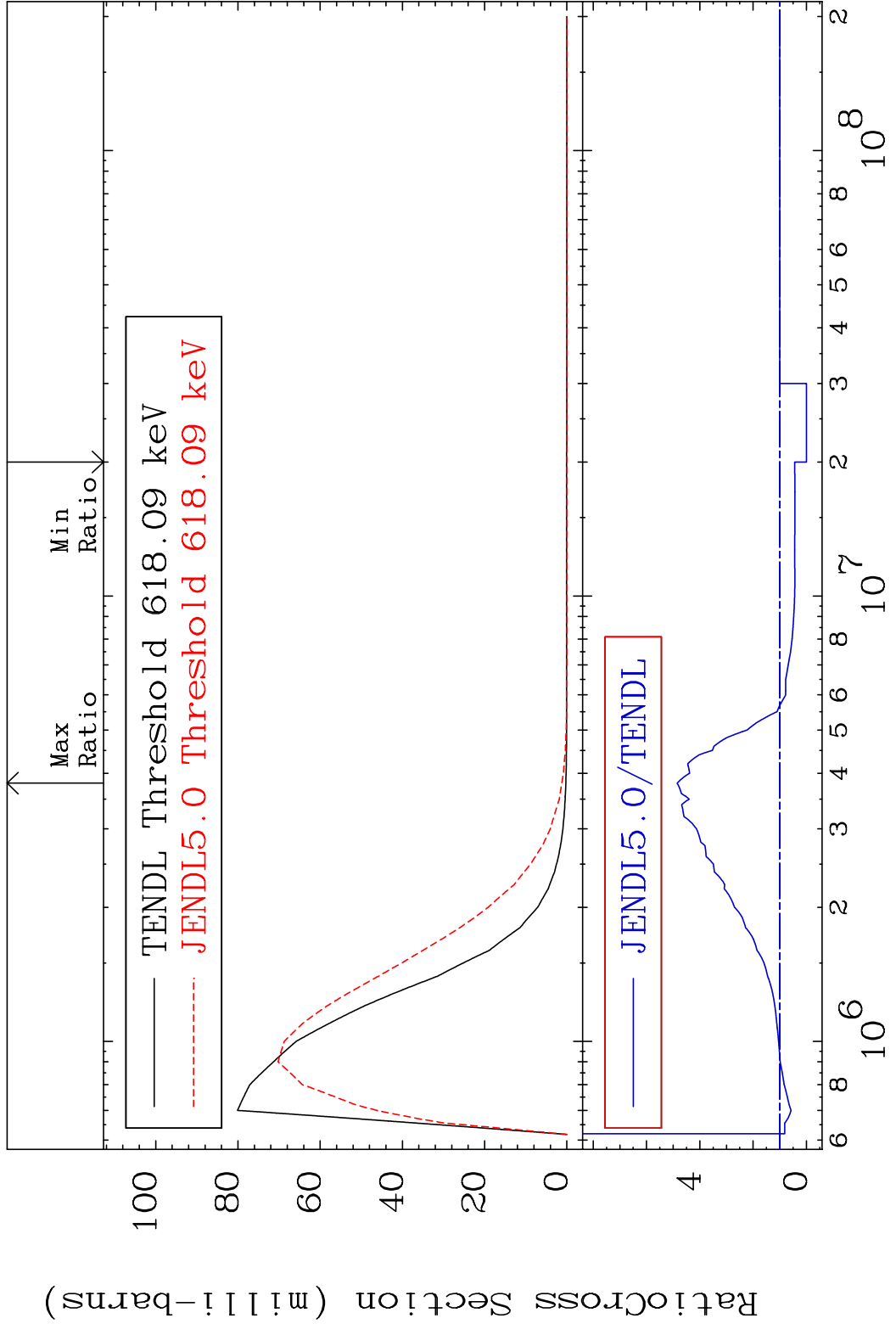
MAT 6719 MT= 70 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 152.9 %



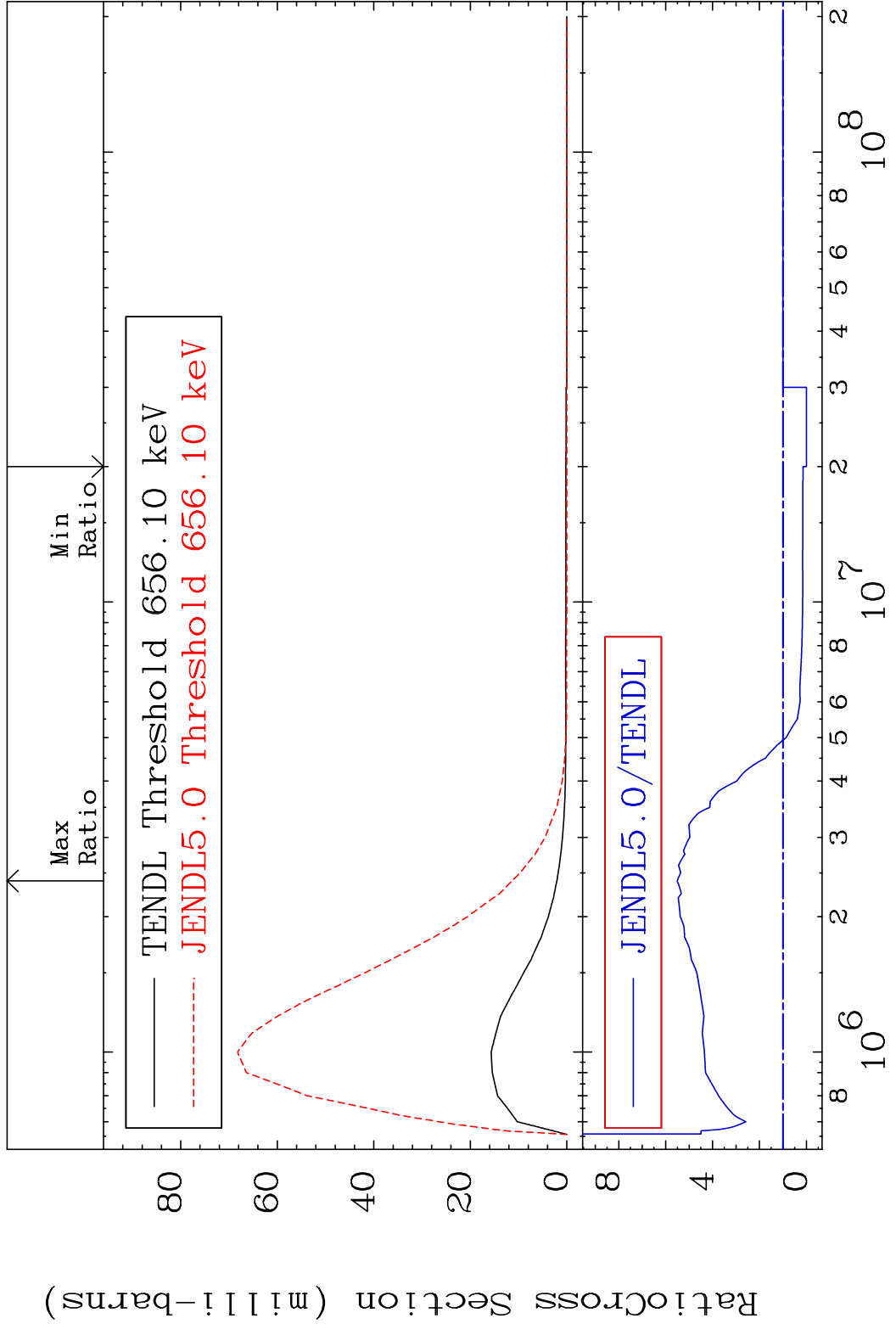
MAT 6719 MT= 71 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 377.0 %



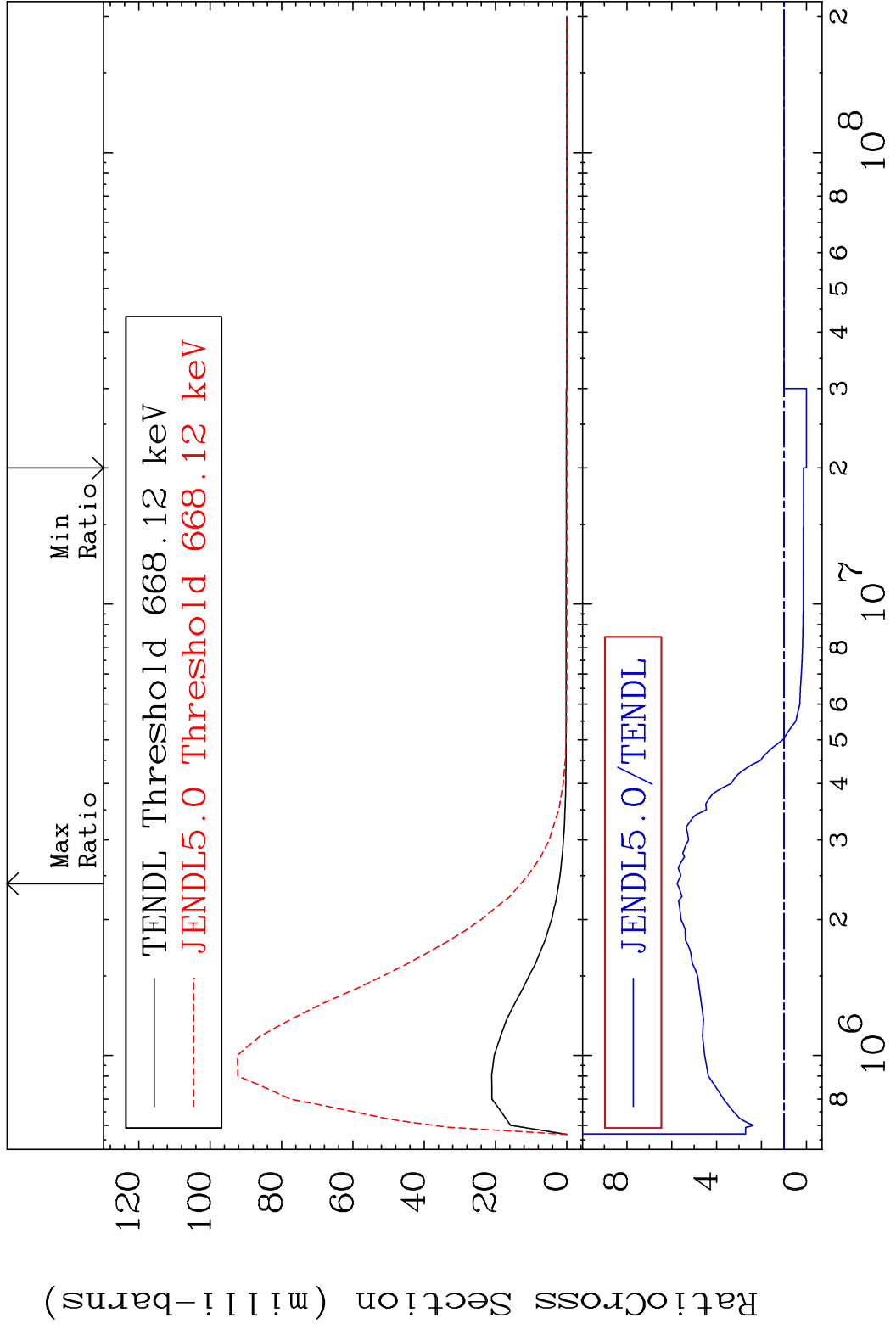
MAT 6719 MT= 72 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 384.9 %



MAT 6719 MT= 73 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 450.9 %

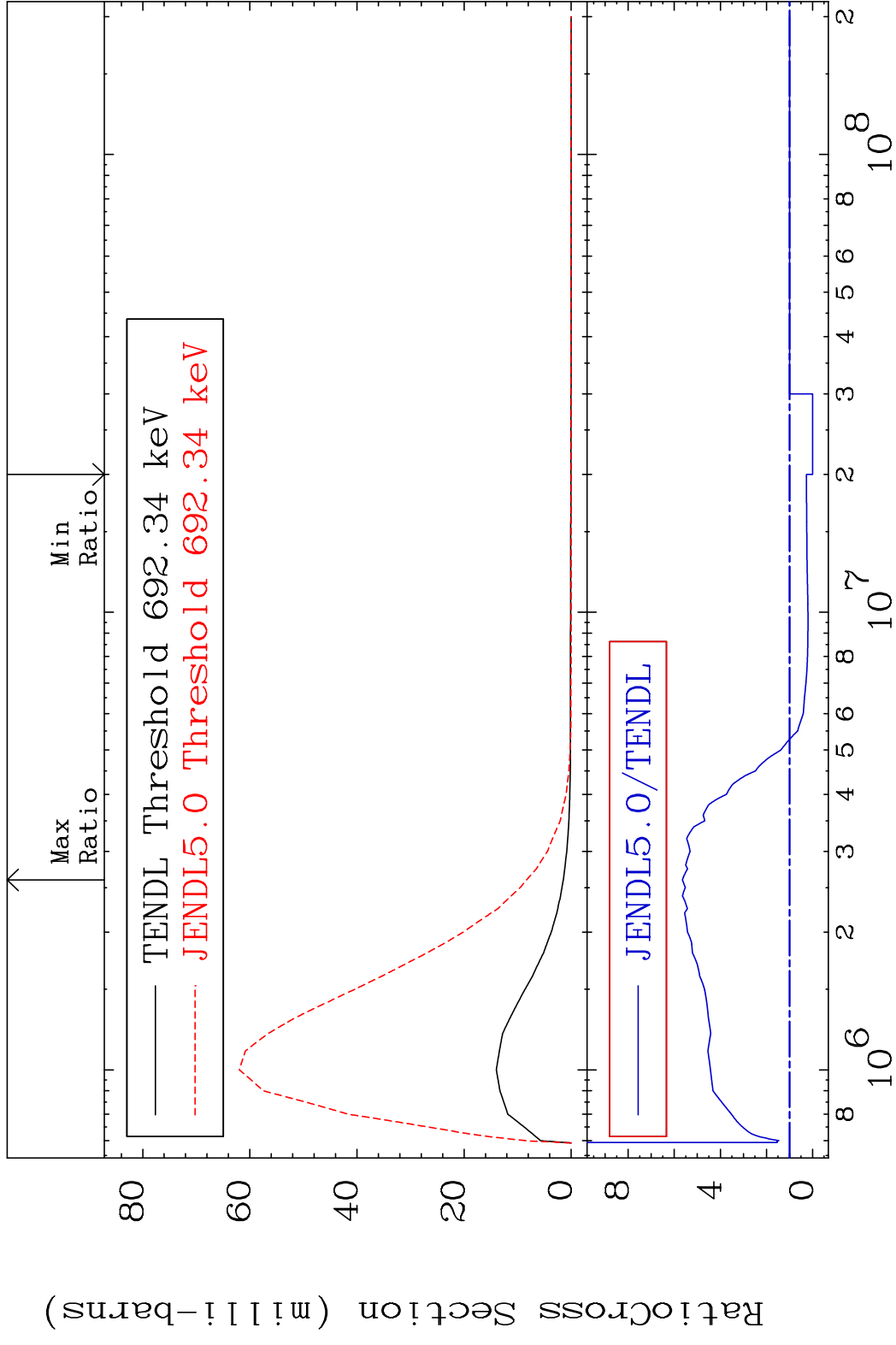


MAT 6719 MT= 74 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 475.8 %

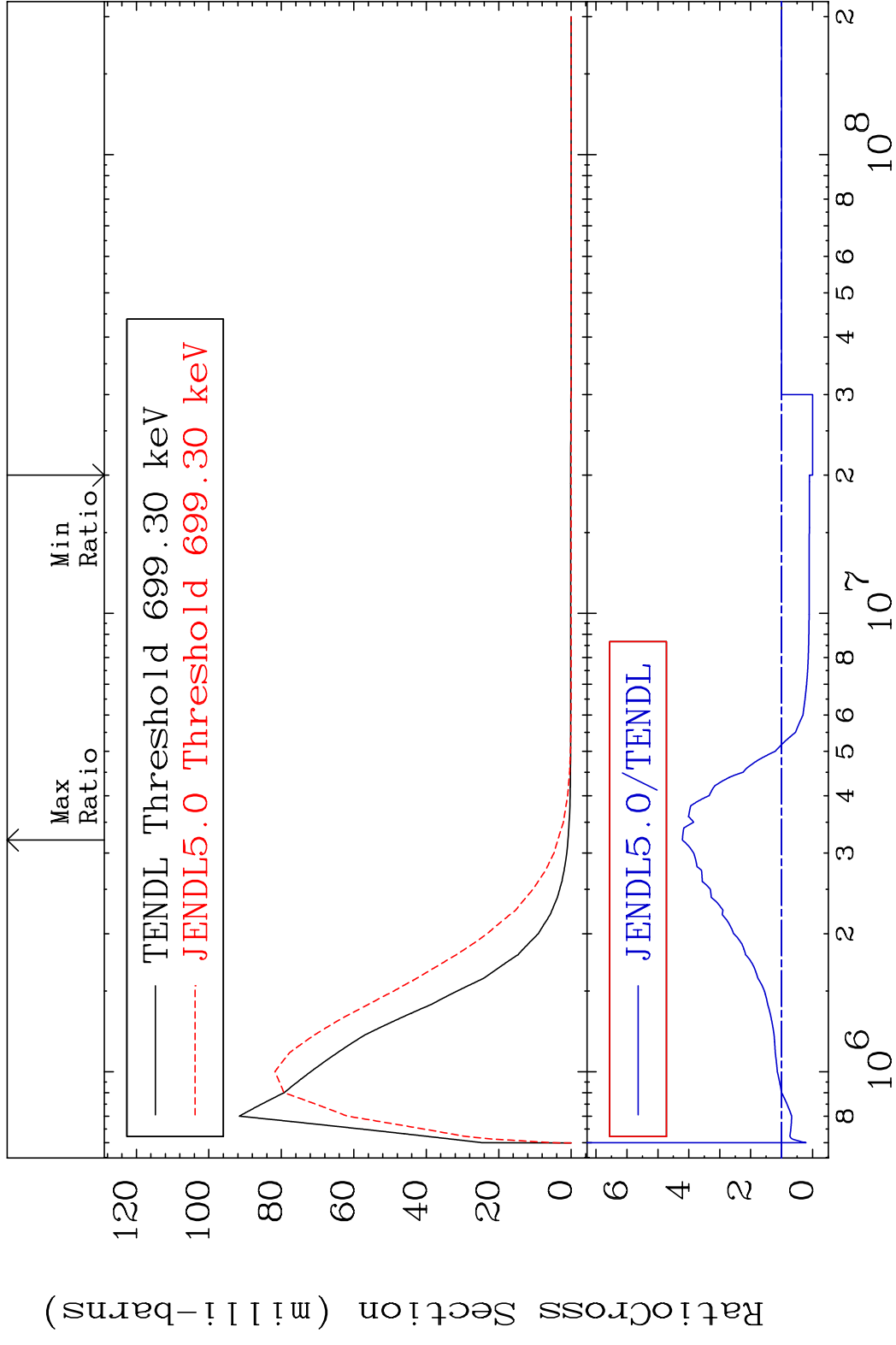


36 Incident Energy (eV) 67-Ho-163

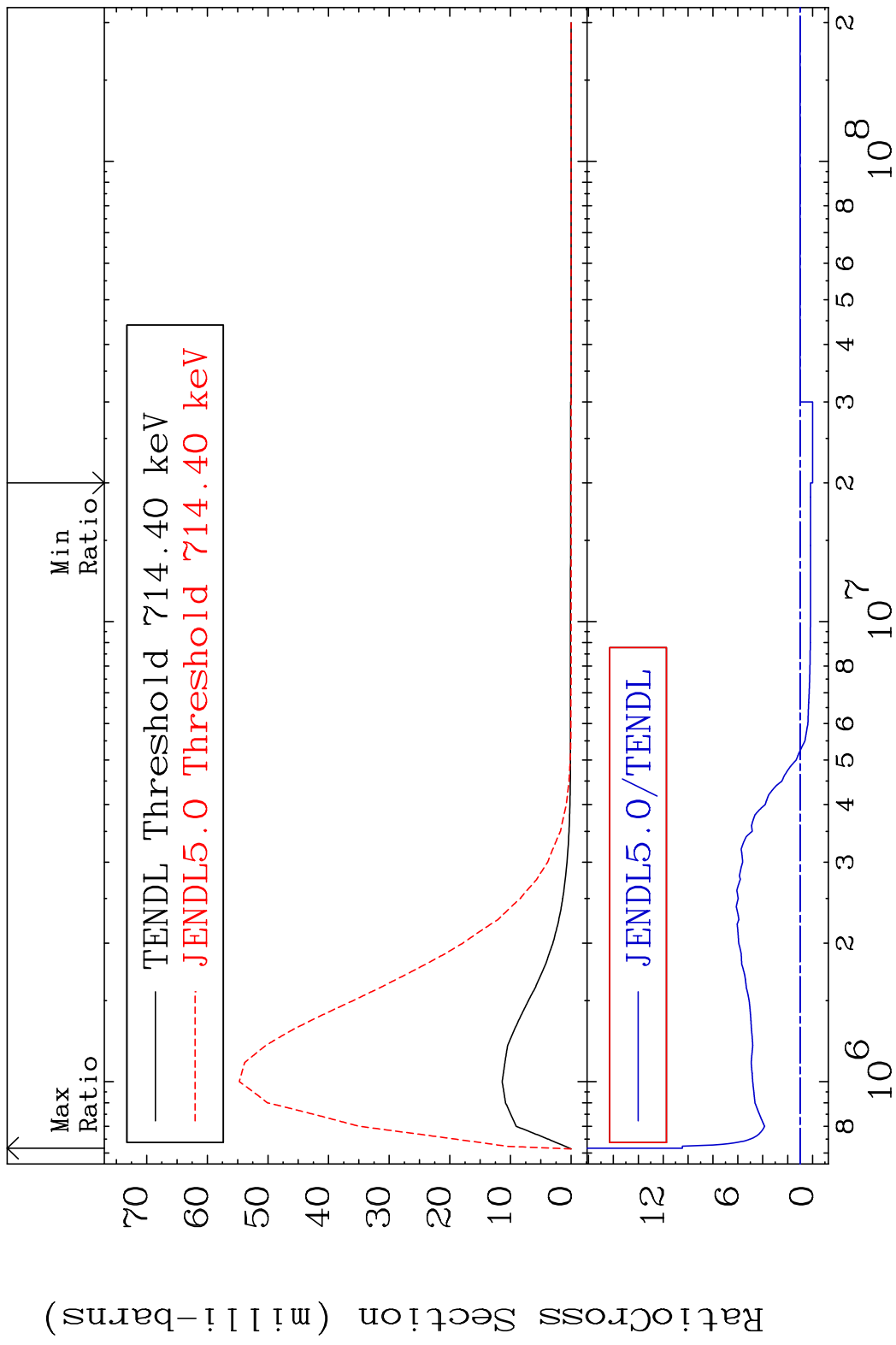
MAT 6719 MT= 75 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 464.9 %



MAT 6719 MT= 76 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 320.9 %

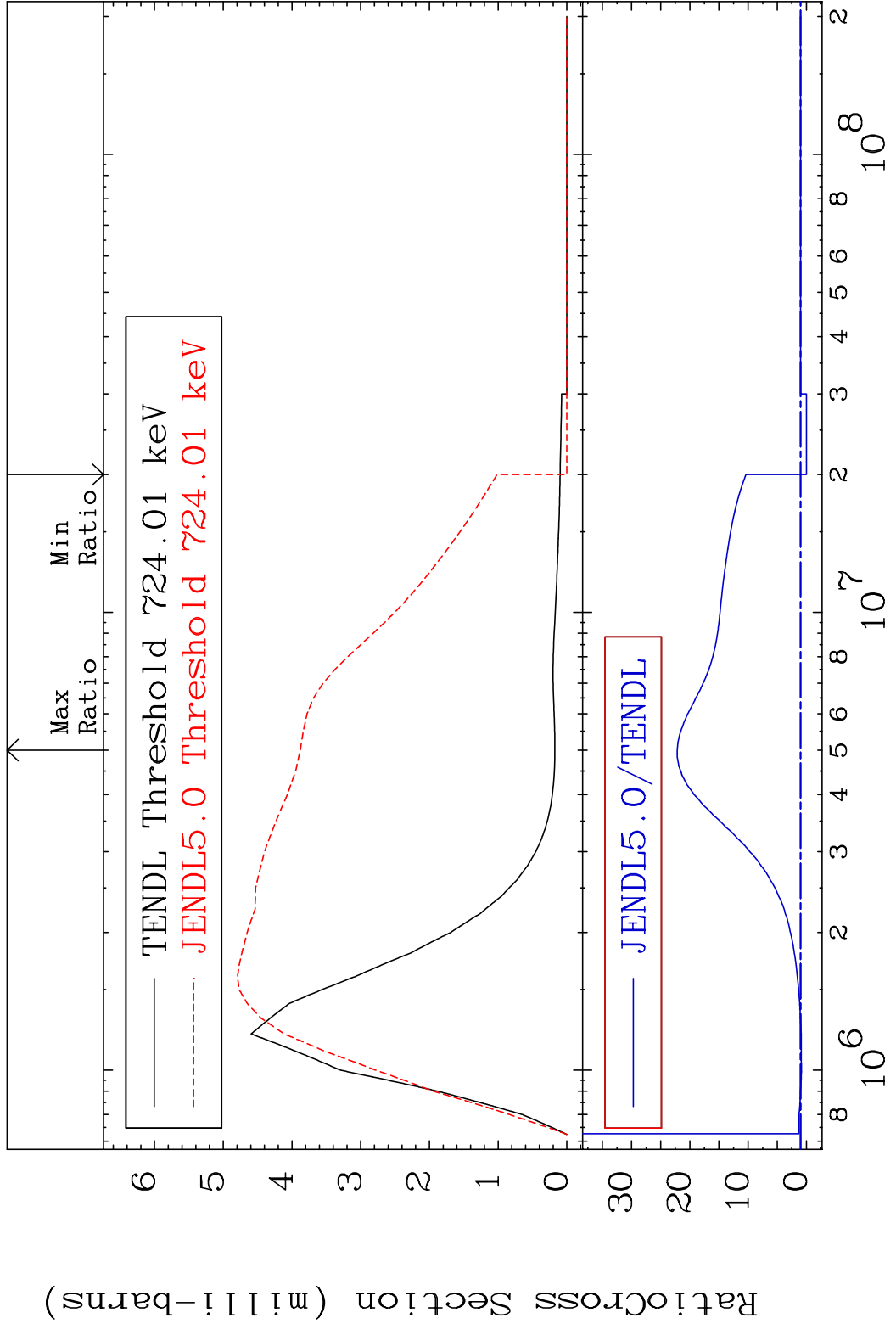


MAT 6719 MT= 77 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 946.0 %



39 Incident Energy (eV) 67-Ho-163

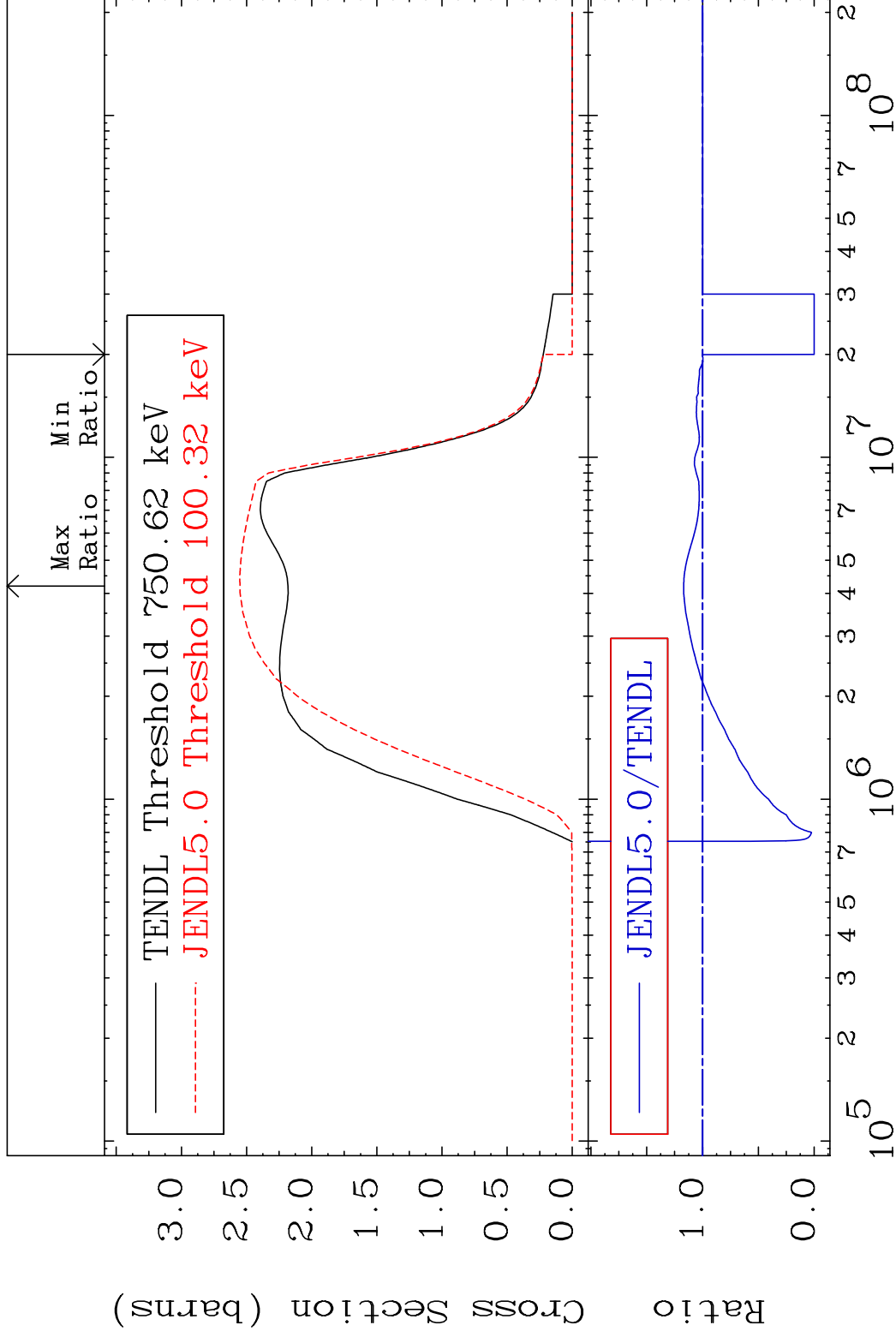
MAT 6719 MT= 78 (n, n') Level 67-Ho-163
 Cross Section -100.0 To 2117. %



40 Incident Energy (eV) 67-Ho-163

MAT 6719

(n, n') Continuum 67-Ho-163
Cross Section -100.0 To 16.94 %



41

Incident Energy (eV)

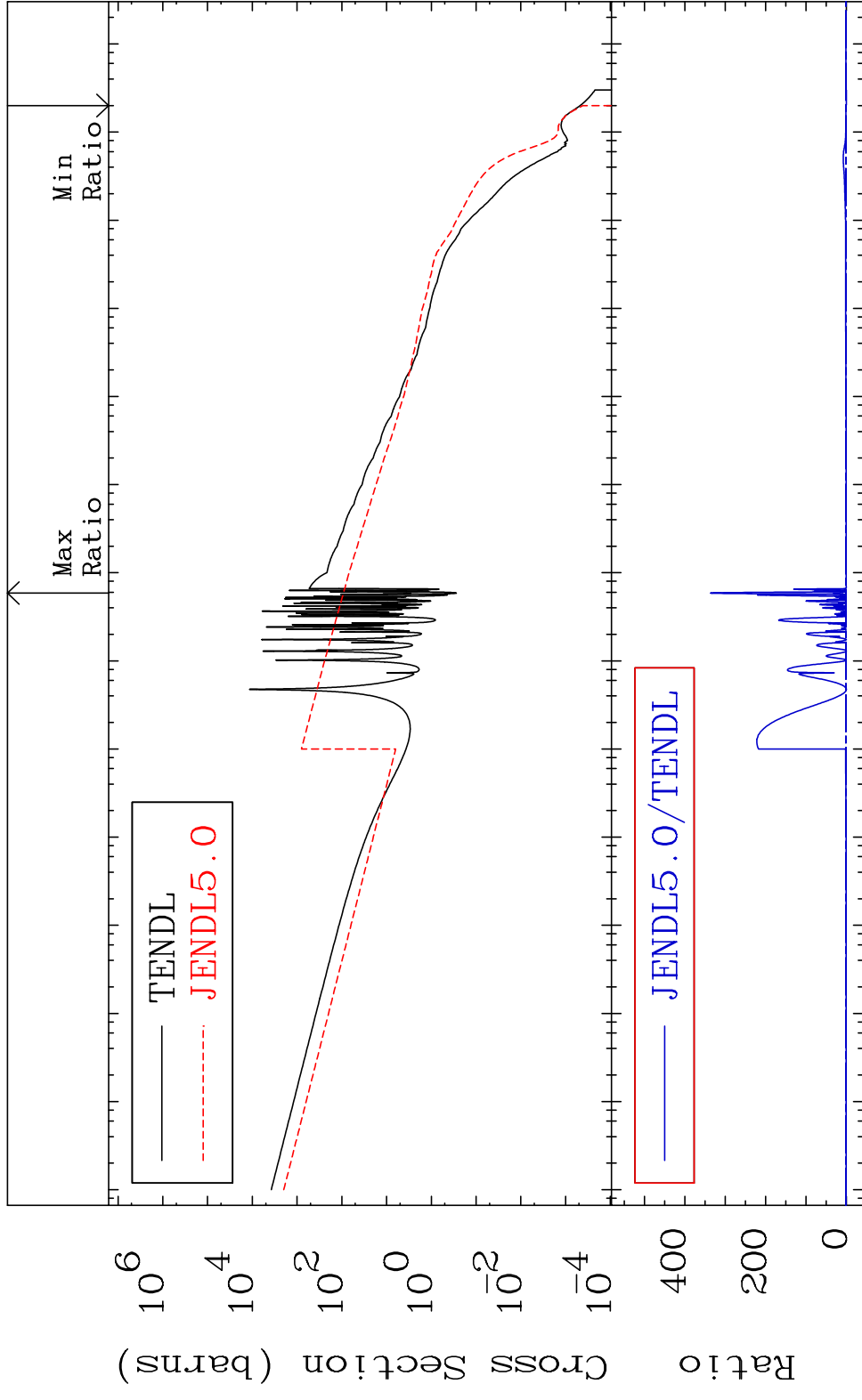
67-Ho-163

MAT 6719

67-Ho-163

(n, γ)

Cross Section -100.0 To 9999. %

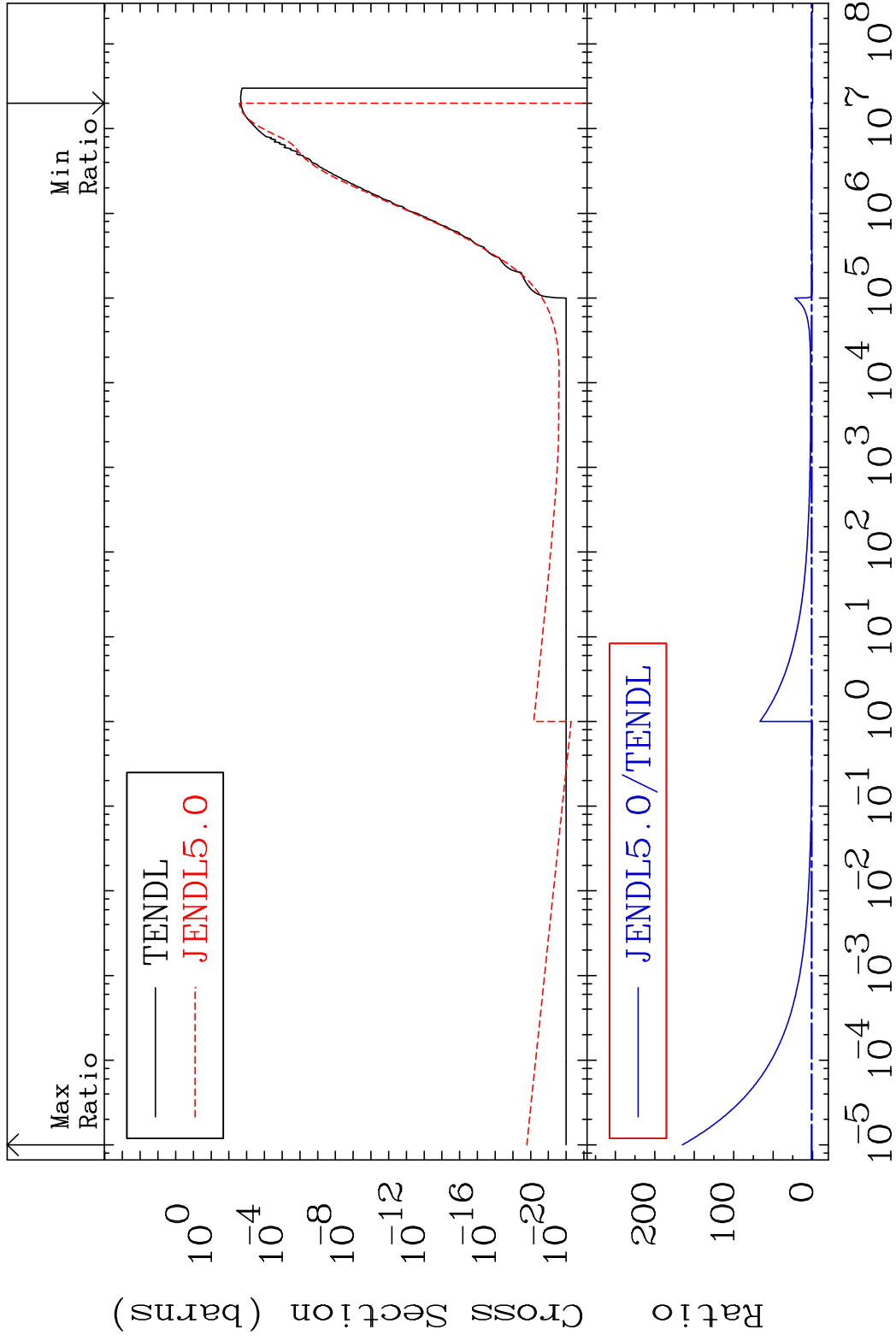


MAT 6719

(n, p)

67-Ho-163

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

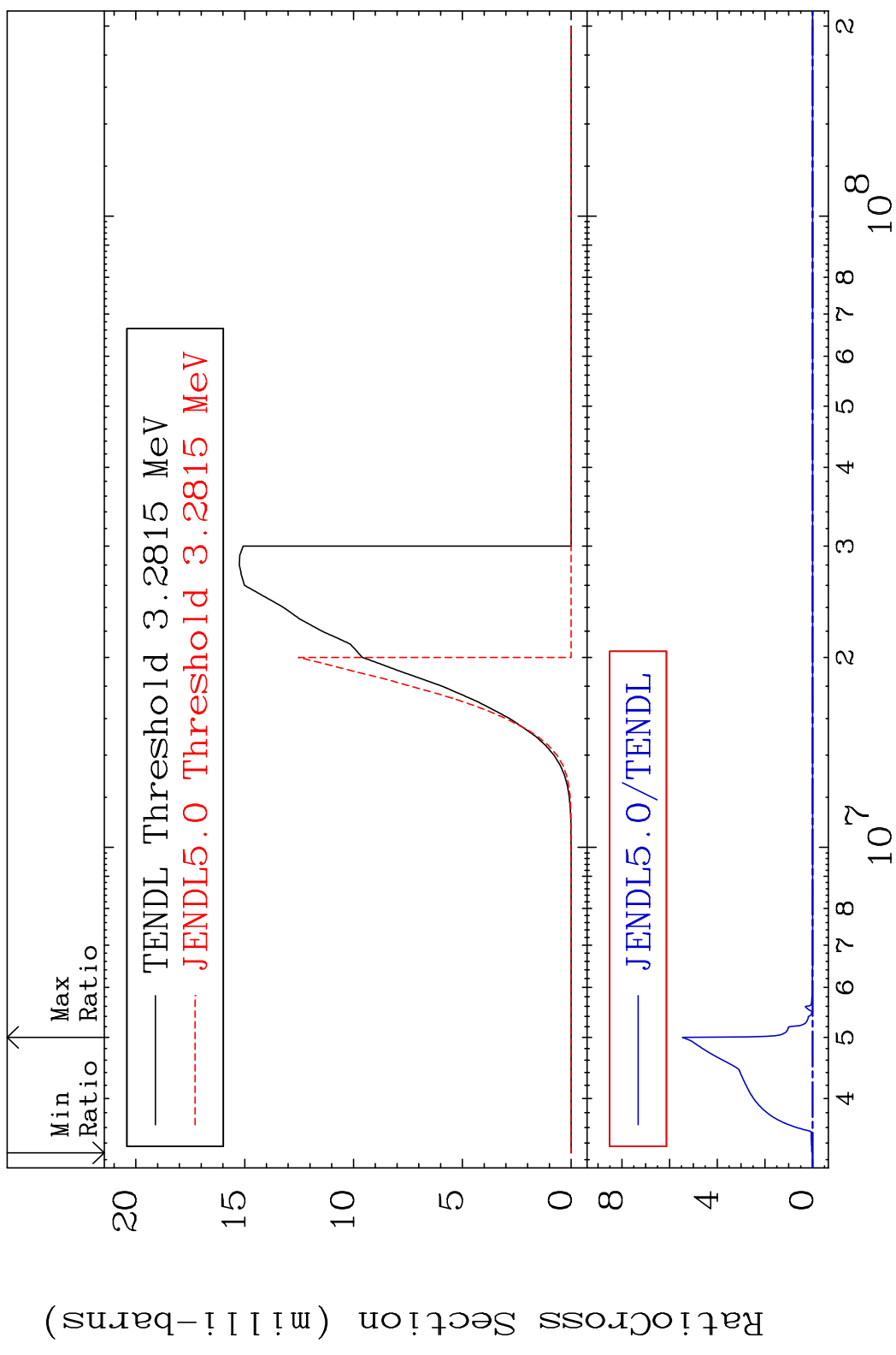
67-Ho-163

MAT 6719

(n,d)

67-Ho-163

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

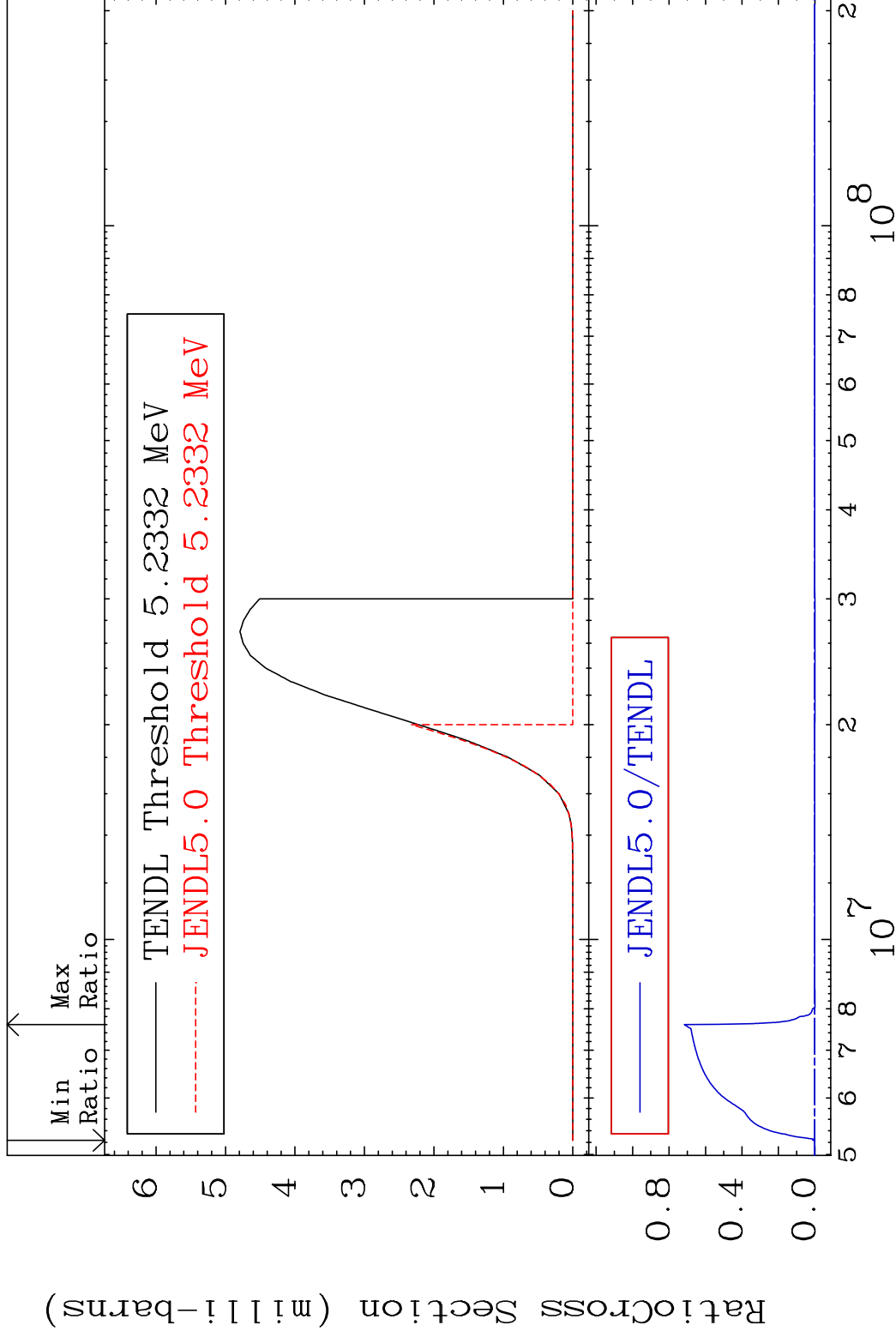
67-Ho-163

MAT 6719

(n, t)

67-Ho-163

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

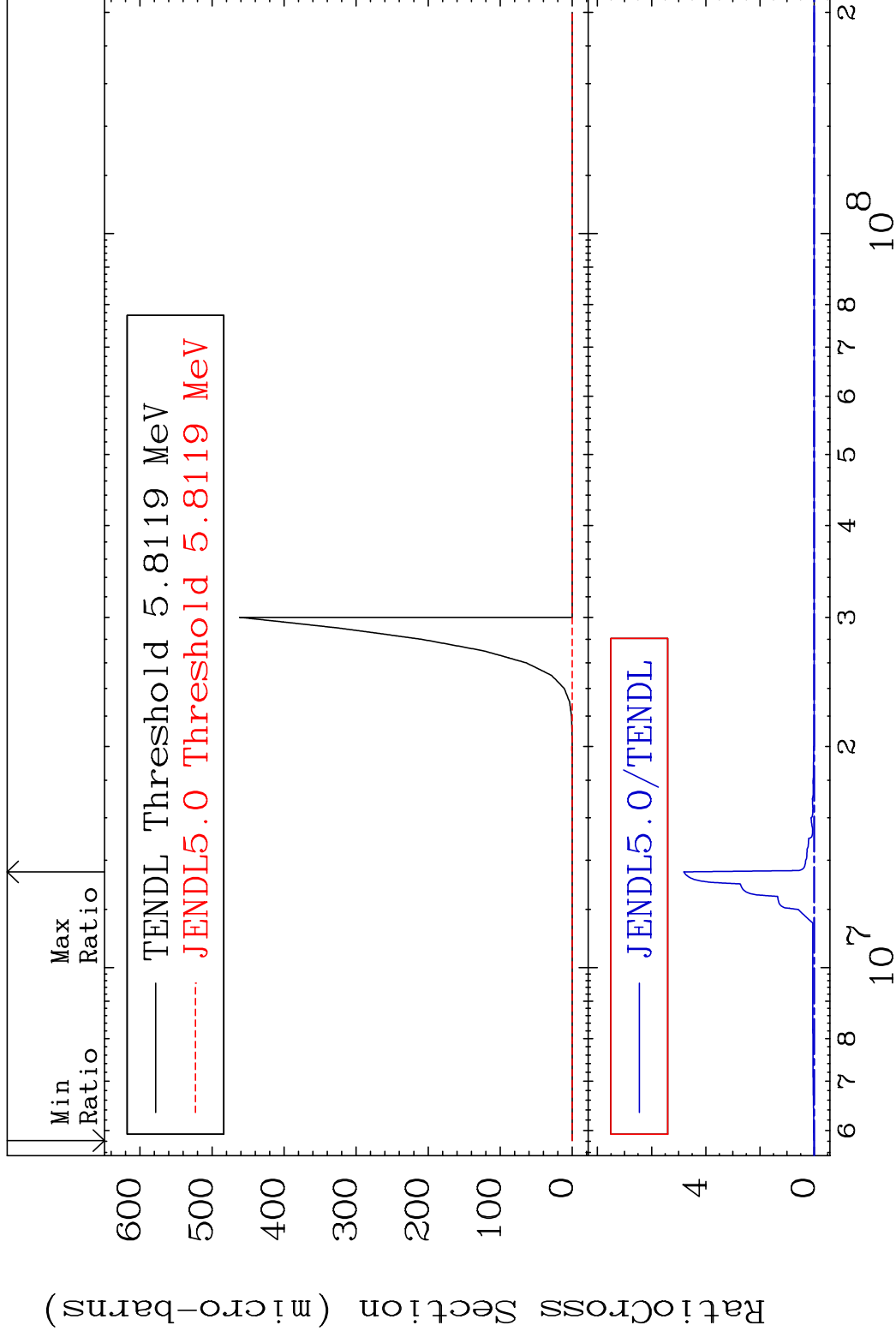
67-Ho-163

MAT 6719

(n, He-3)

67-Ho-163

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

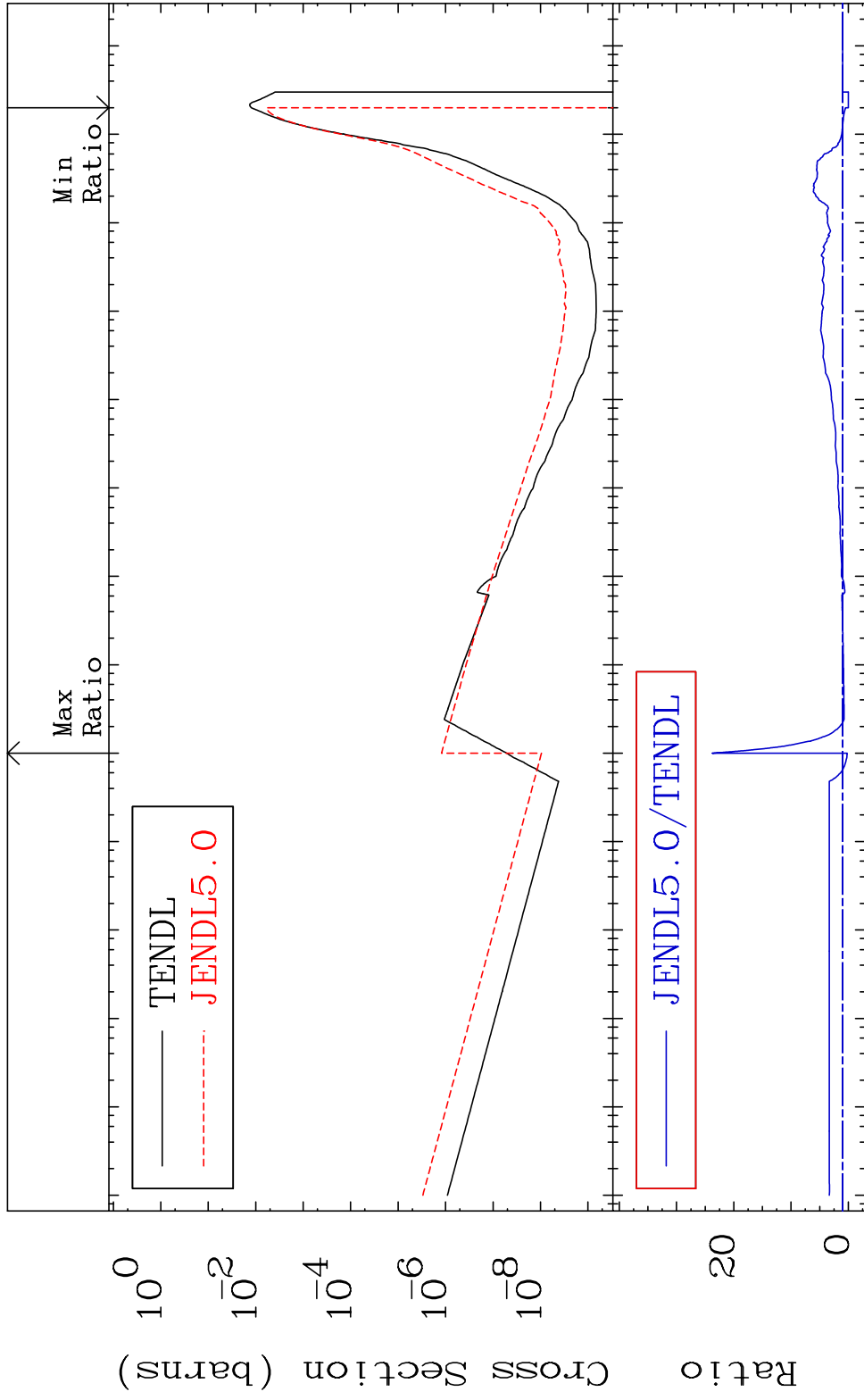
67-Ho-163

MAT 6719

(n, α)

67-Ho-163

Cross Section -100.0 To 2274. %



47

Incident Energy (eV)

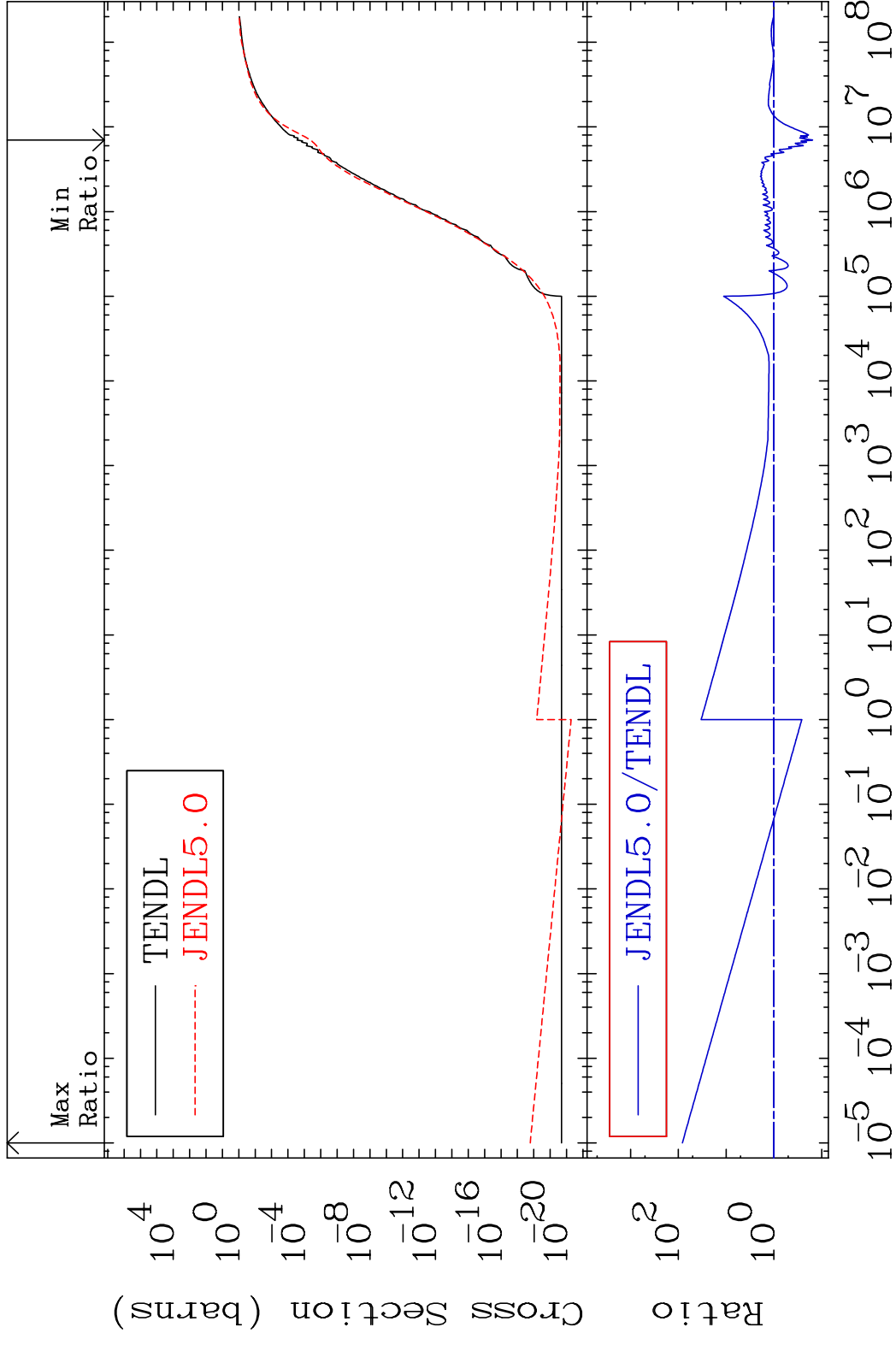
67-Ho-163

MAT 6719

Hydrogen Production

67-Ho-163

Cross Section -84.48 To 8152. %

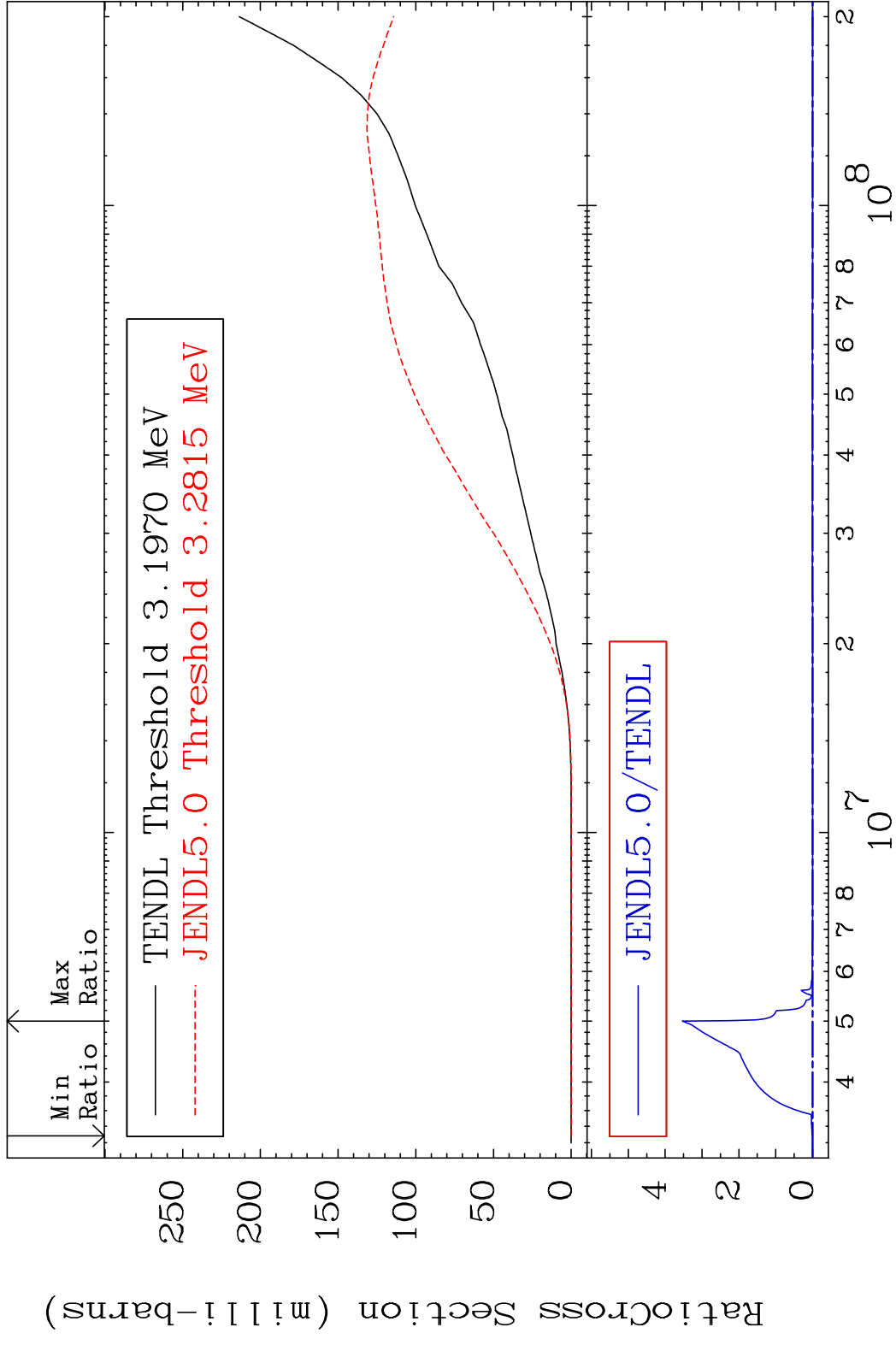


48

Incident Energy (eV)

67-Ho-163

MAT 6719 Deuterium Production 67-Ho-163
 Cross Section -100.0 To 9999. %

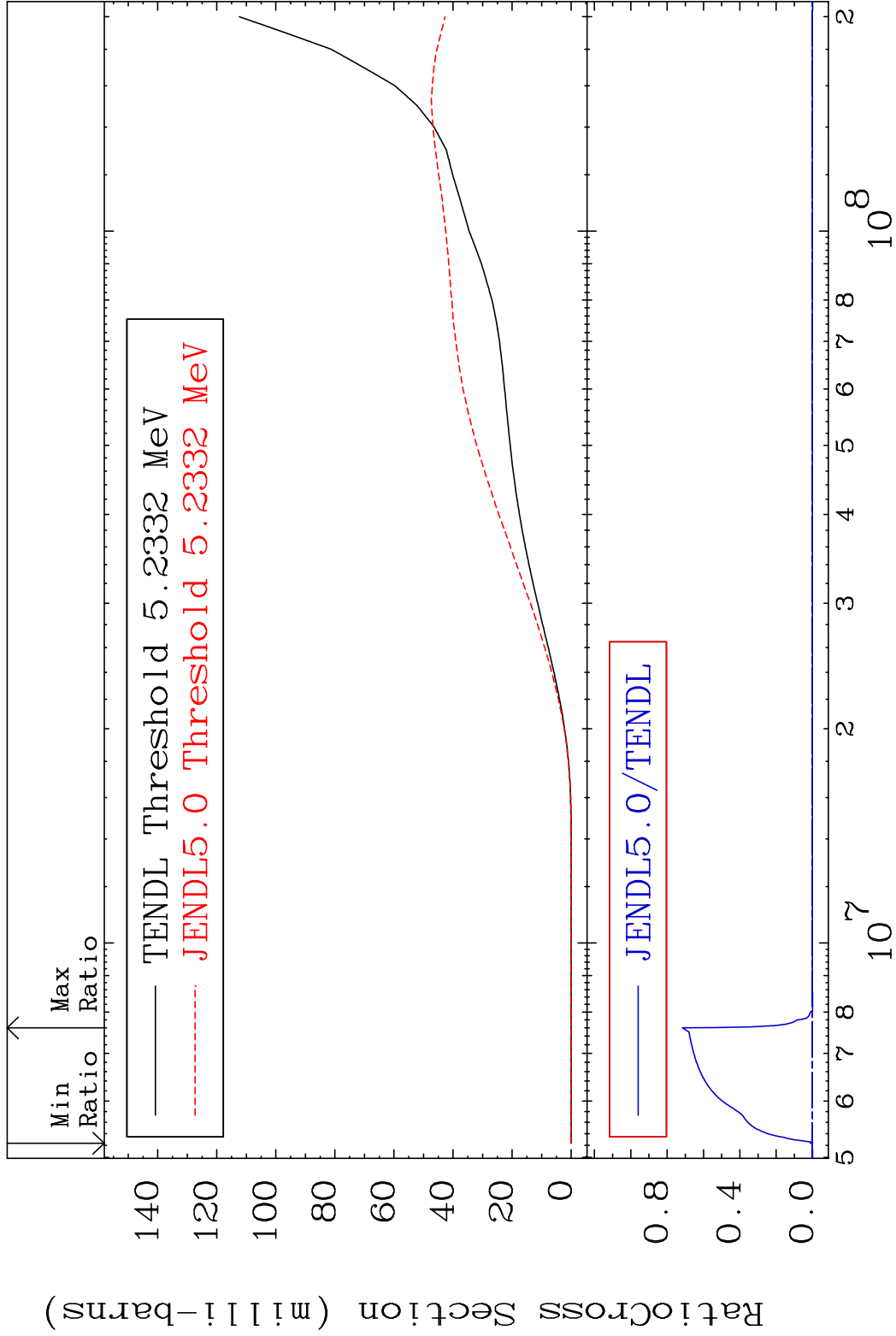


MAT 6719

Tritium Production

67-Ho-163

Cross Section -100.0 To 9999. %

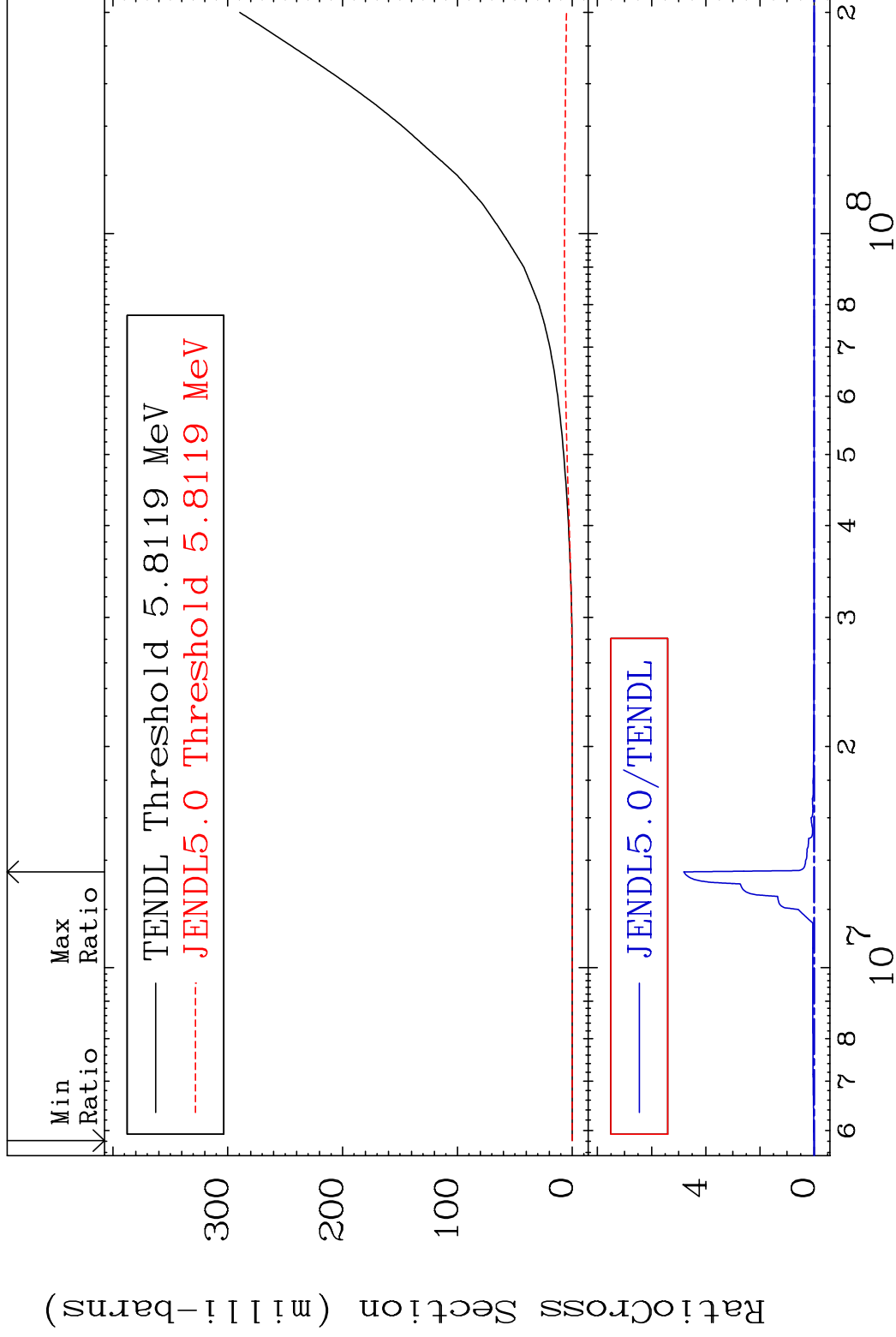


50

Incident Energy (eV)

67-Ho-163

Cross Section -100.0 To 9999. %

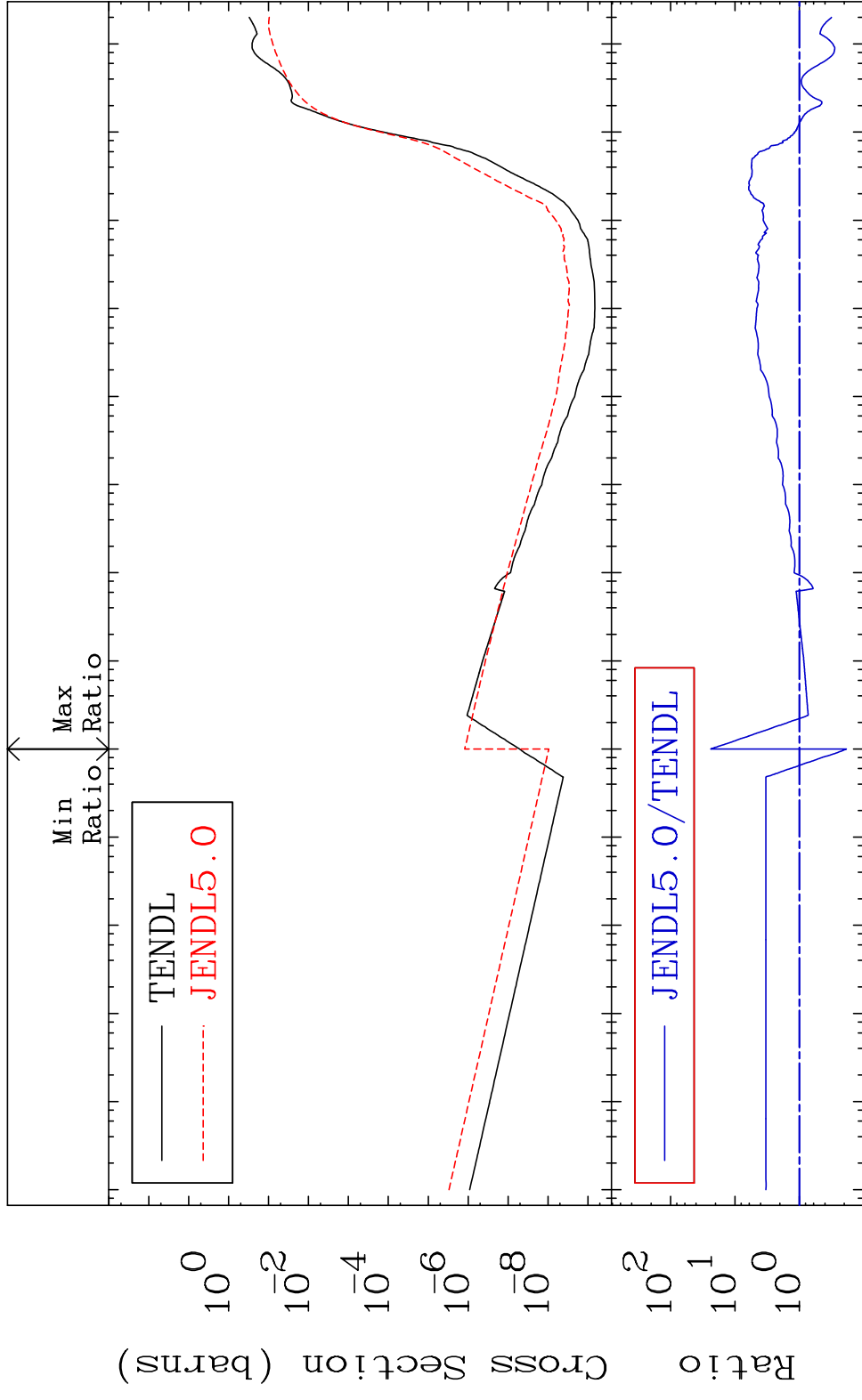


MAT 6719

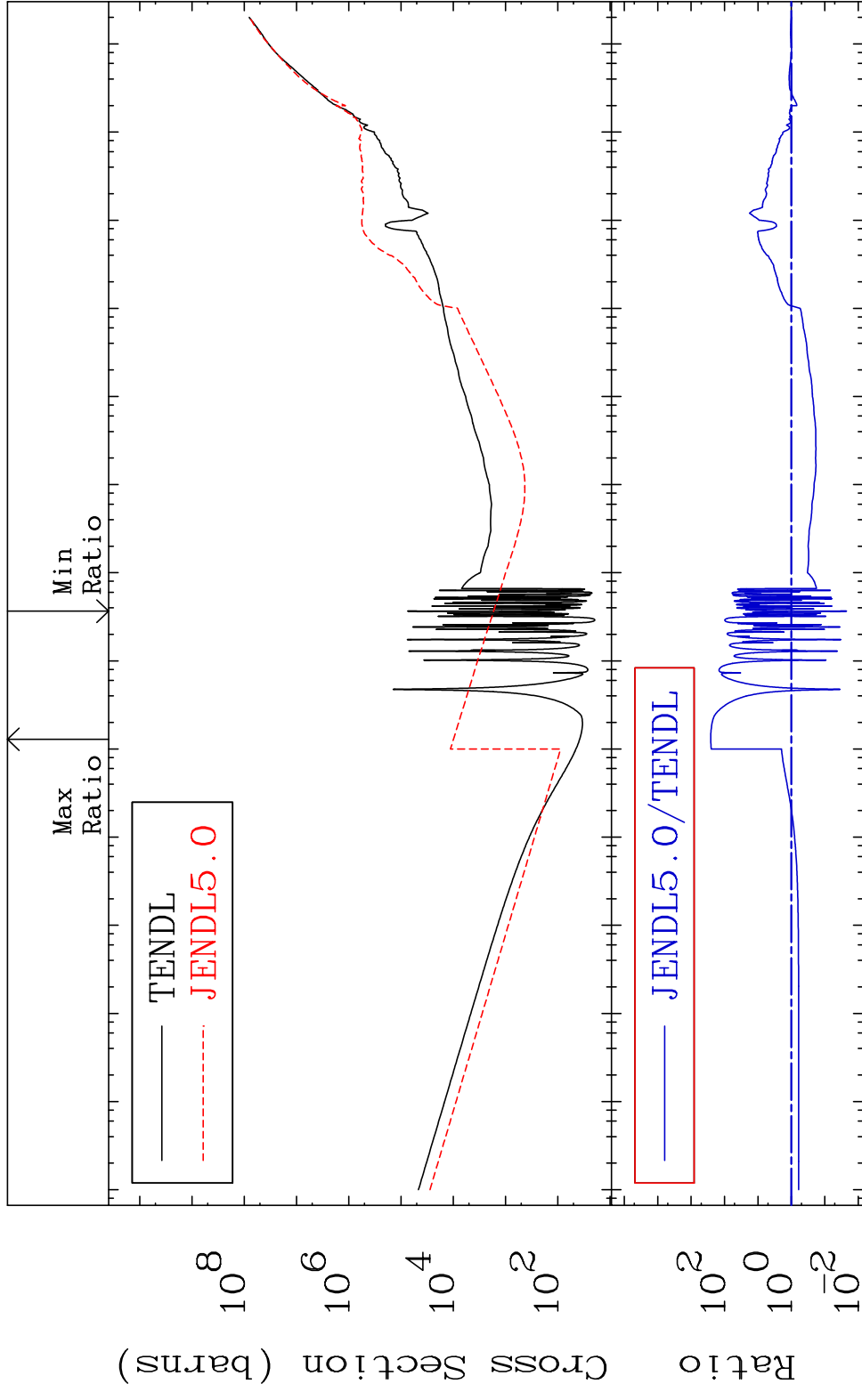
He-4 Production

67-Ho-163

Cross Section -81.40 To 2274. %



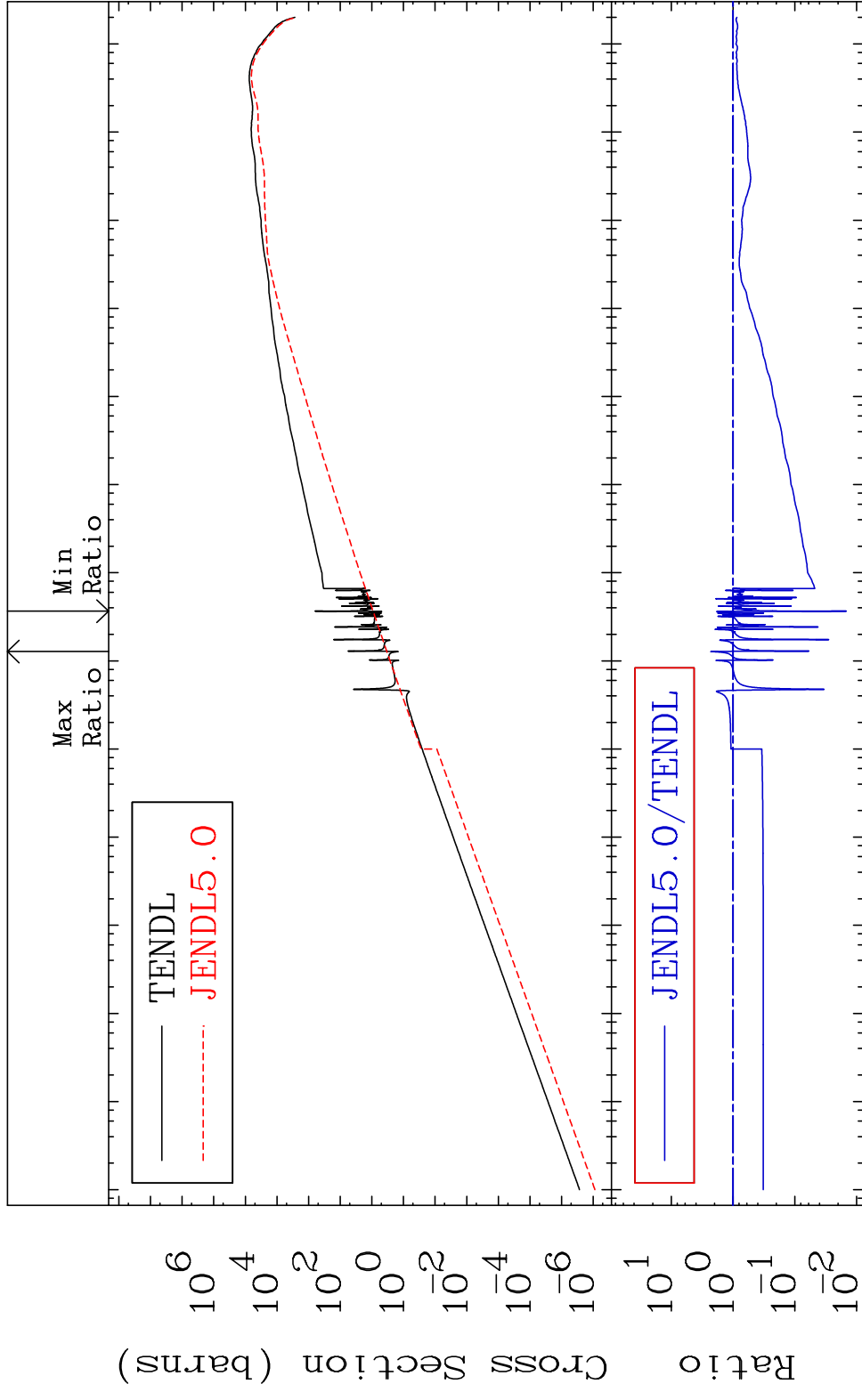
MAT 6719 Kerma total (eV-barns) 67-Ho-163
 Cross Section -97.74 To 9999. %



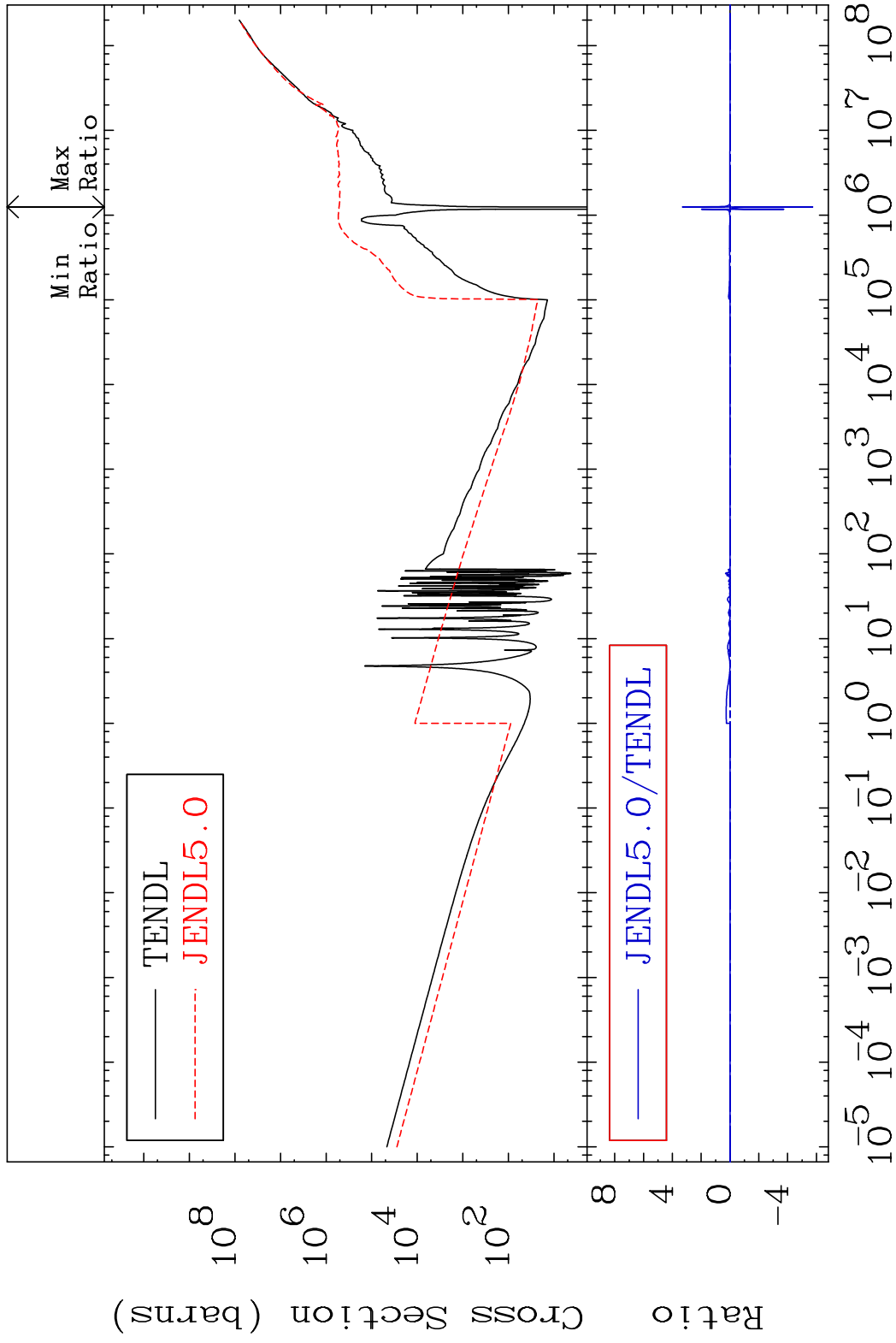
MAT 6719

Kerma elastic Cross Section -98.53 To 130.4 %

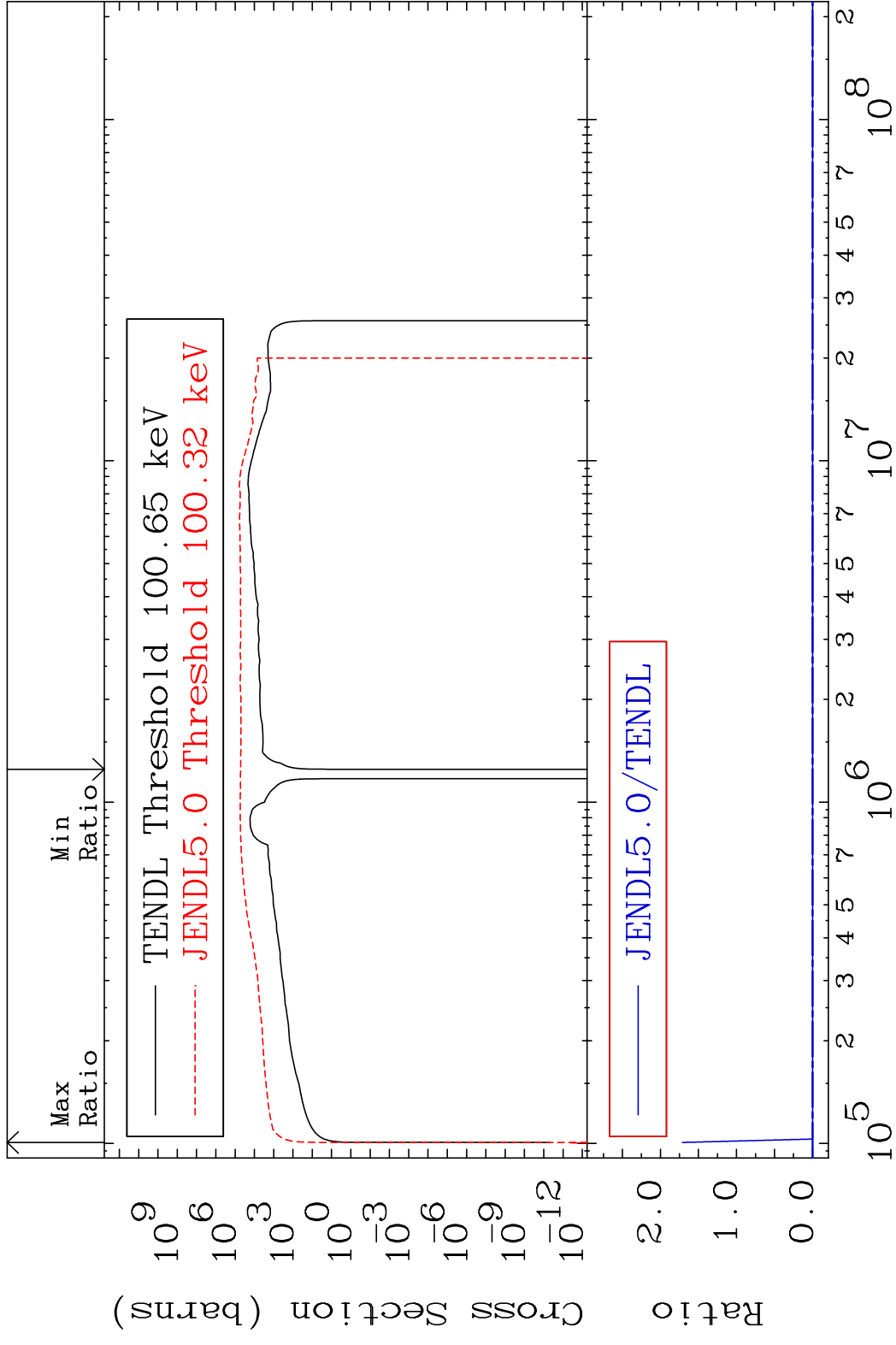
67-Ho-163



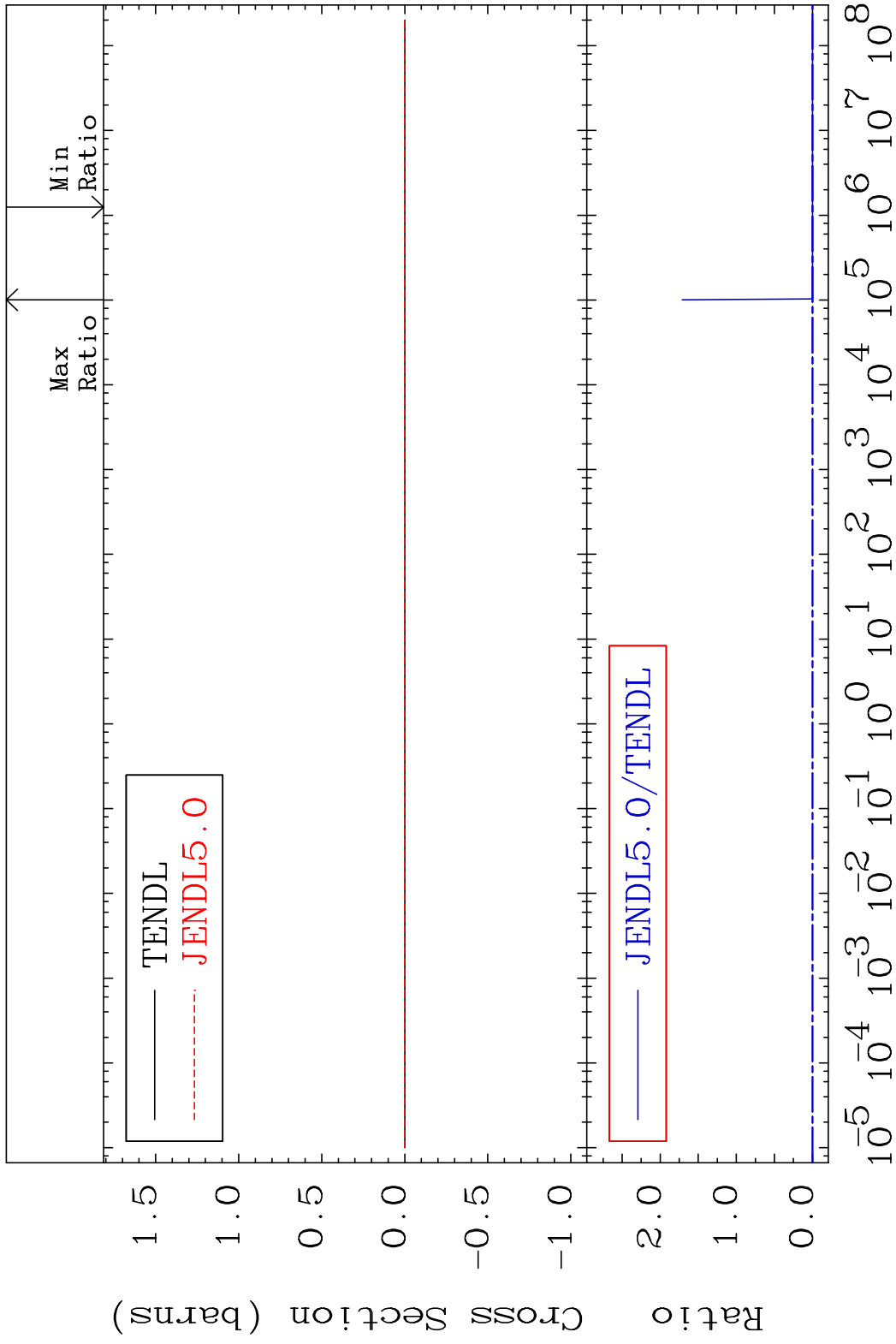
MAT 6719 Kerma non-elastic (all but mt2) 67-Ho-163
 Cross Section -9999. To 9999. %



MAT 6719 Kerma inelastic (mt51-91) 67-Ho-163
 Cross Section -9999. To 9999. %

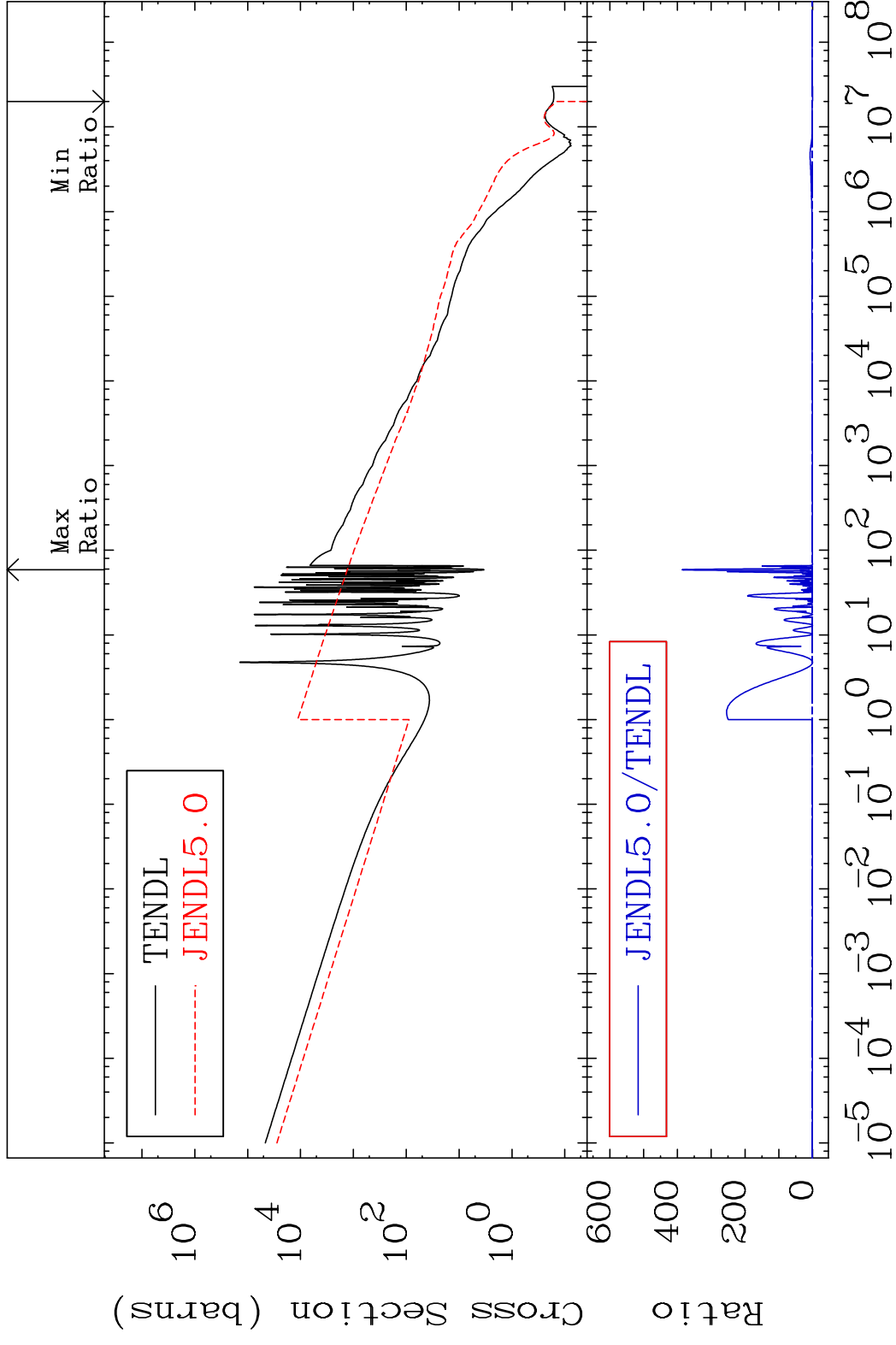


MAT 6719 Kerma fission (mt18 or mt19-20-21-38) 67-Ho-163
 Cross Section -9999. To 9999. %



MAT 6719

Kerma capture (mt102) 67-Ho-163
Cross Section -100.0 To 9999. %



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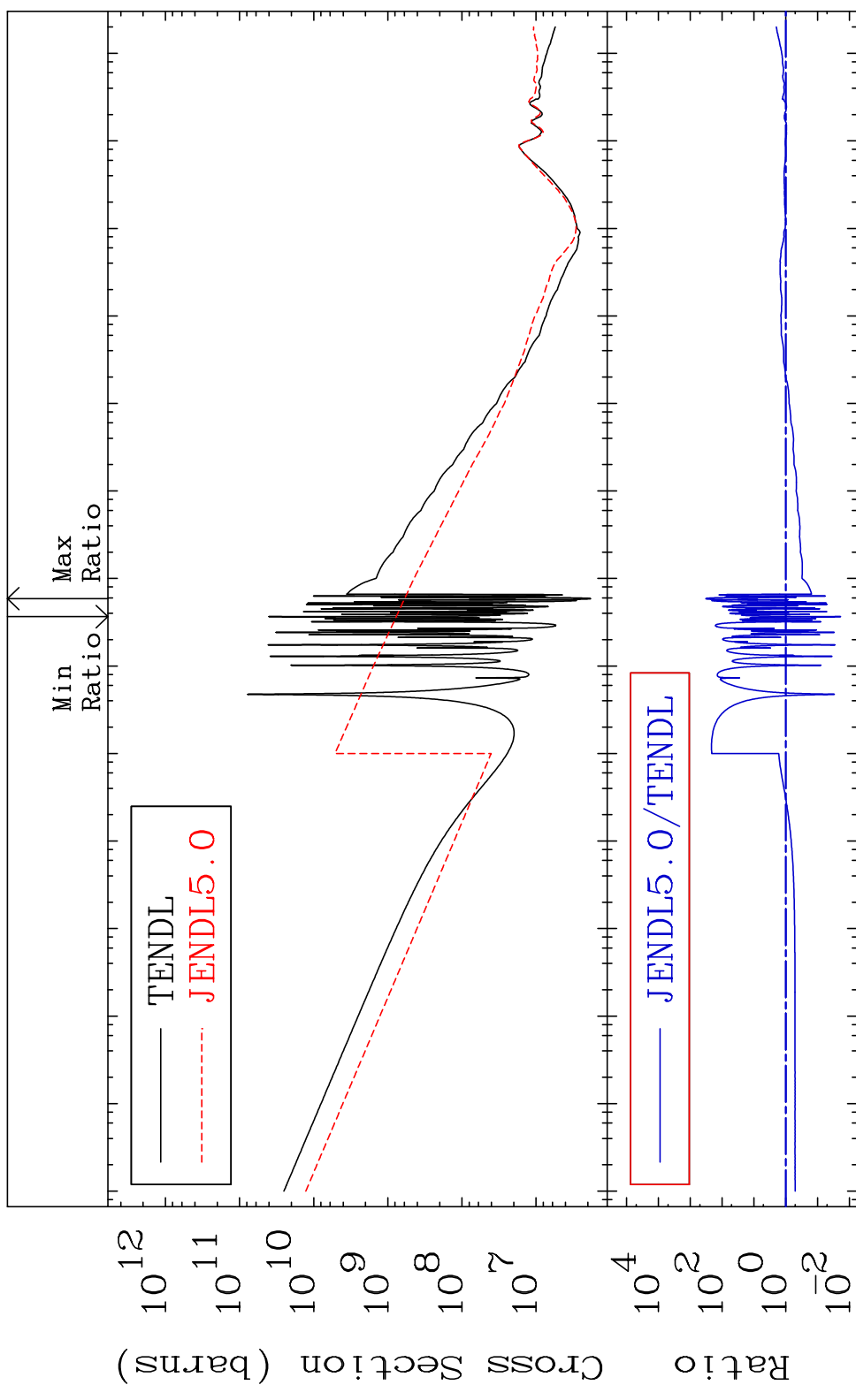
Incident Energy (eV) 67-Ho-163

MAT 6719

Total photon (eV-barns)

67-Ho-163

Cross Section -98.09 To 9999. %

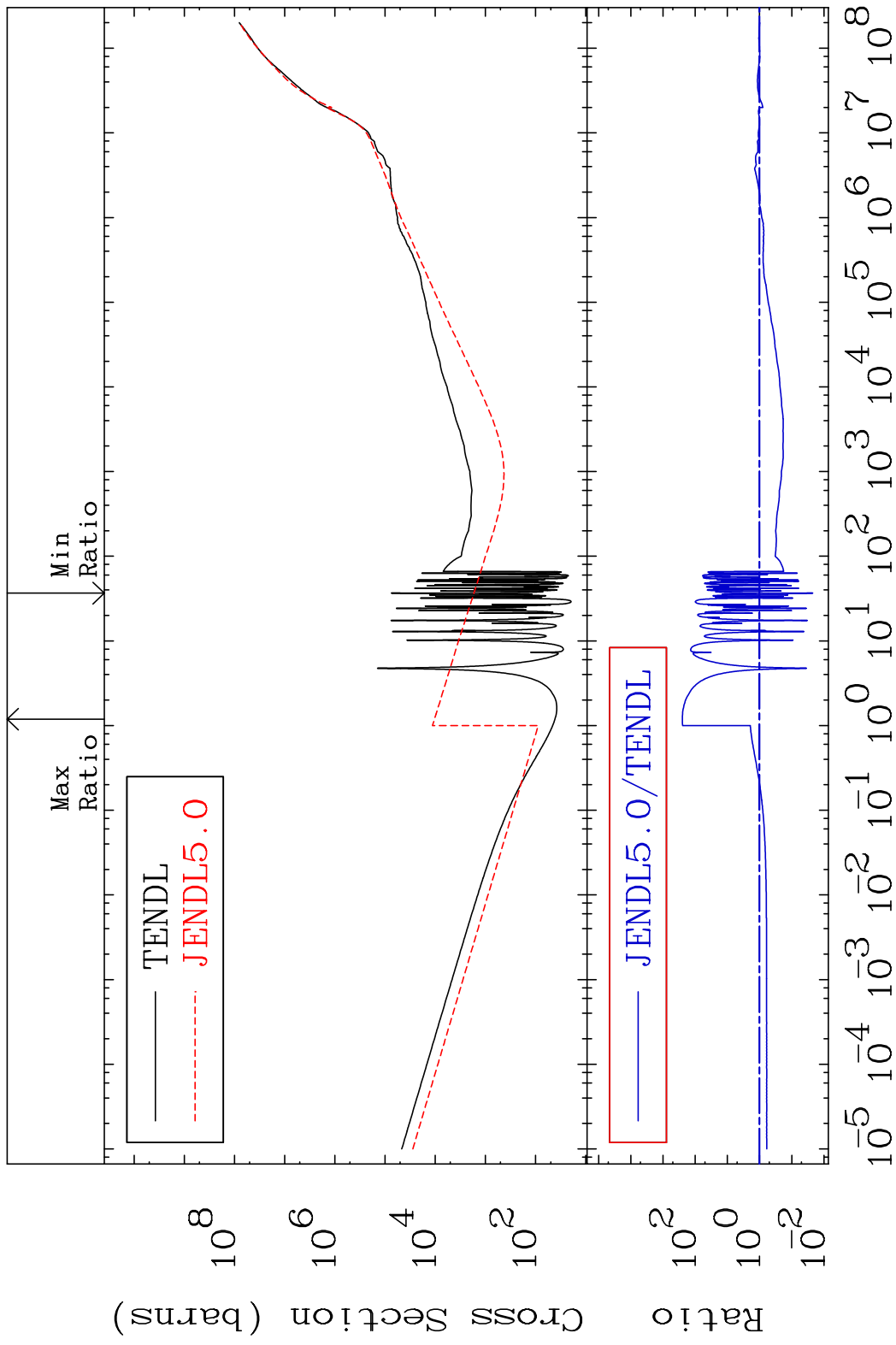


59

Incident Energy (eV)

67-Ho-163

MAT 6719 Total kinematic kerma (high limit) 67-Ho-163
Cross Section -97.74 To 9999. %

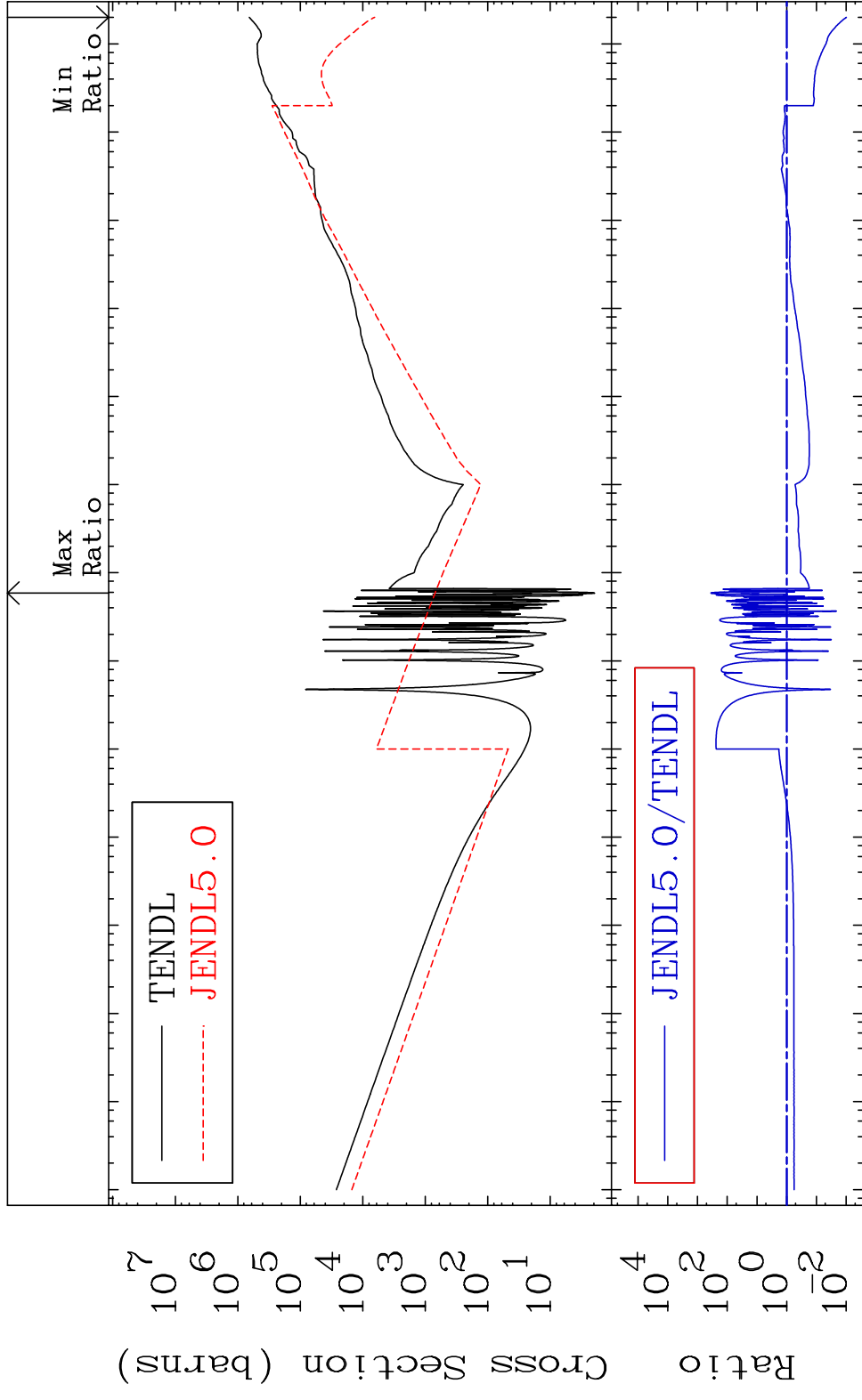


MAT 6719

Dpa total (eV-barns)

67-Ho-163

Cross Section -99.02 To 9999. %



61

Incident Energy (eV)

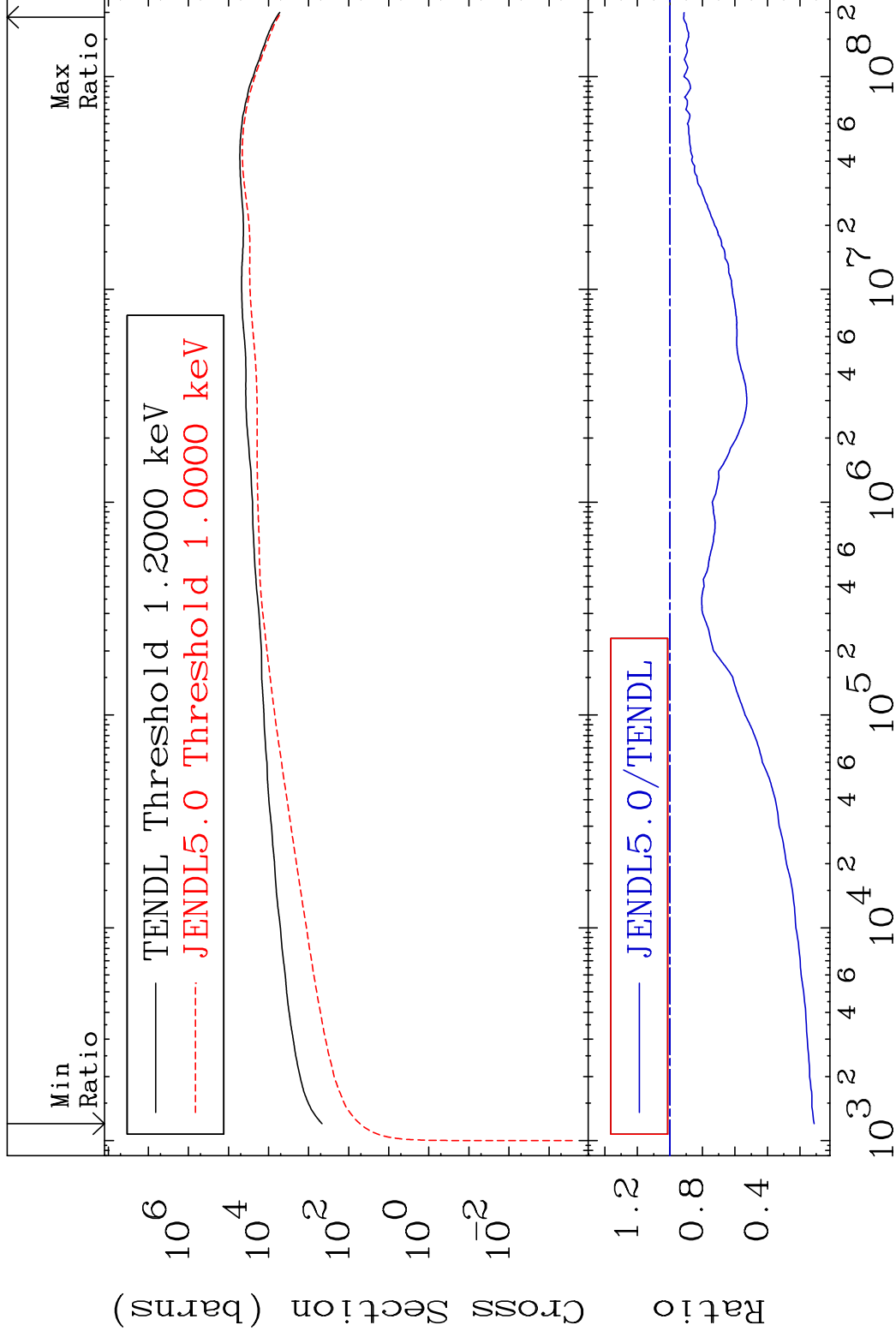
67-Ho-163

MAT 6719

Dpa elastic (mt2)

67-Ho-163

Cross Section -88.66 To -8.433%

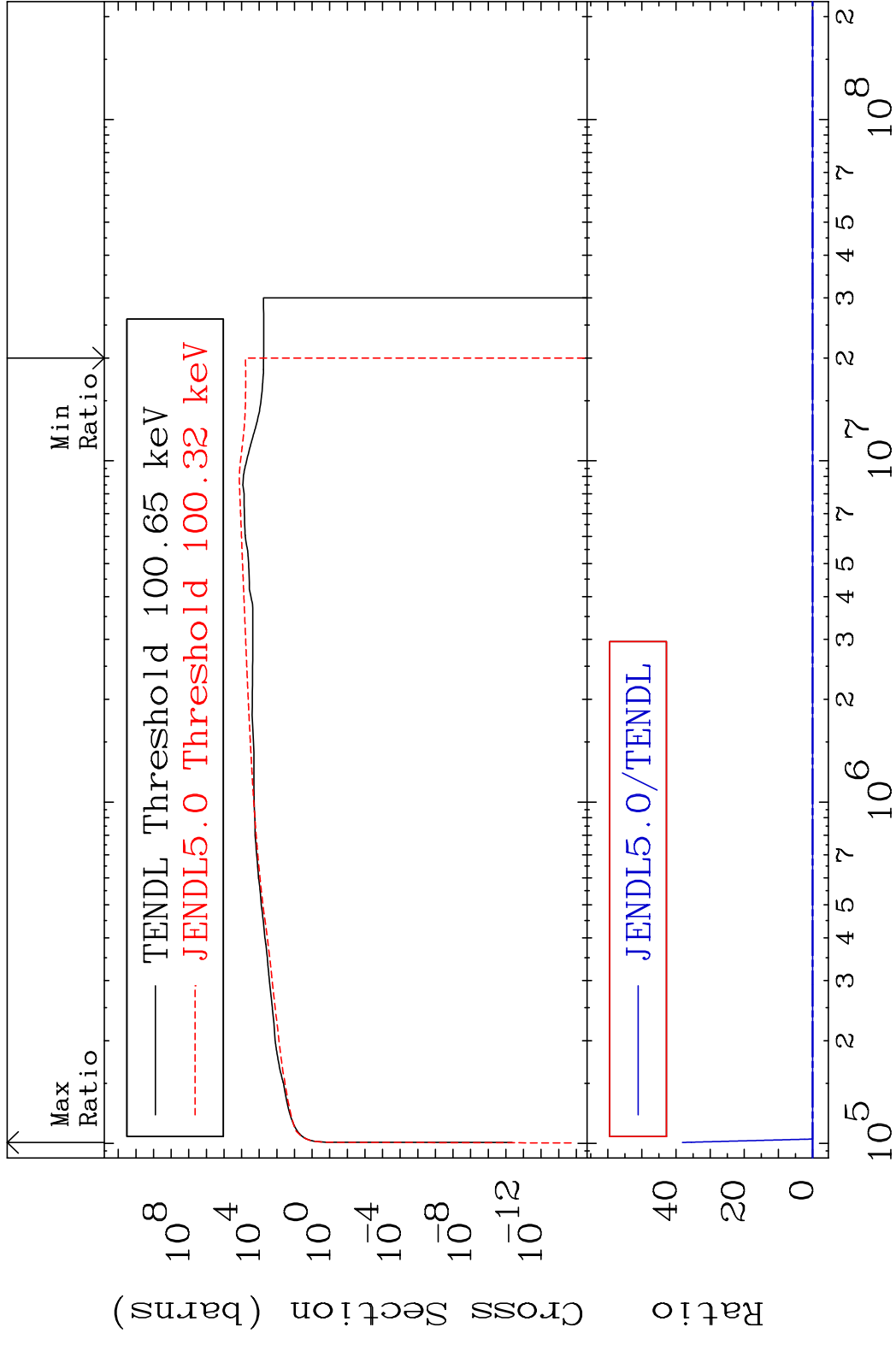


62

Incident Energy (eV)

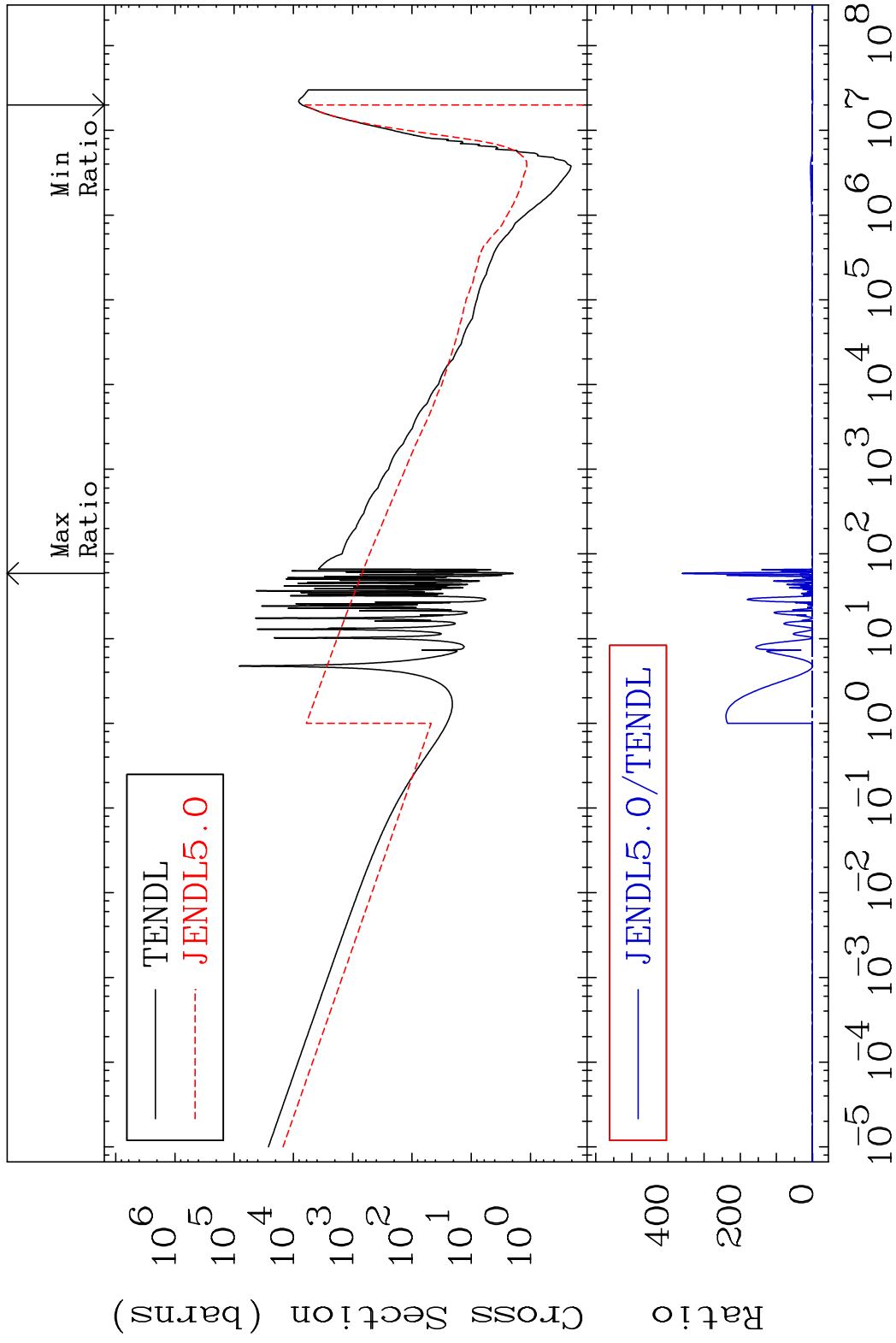
67-Ho-163

MAT 6719 Dpa inelastic (mt51-91) 67-Ho-163
 Cross Section -100.0 To 9999. %

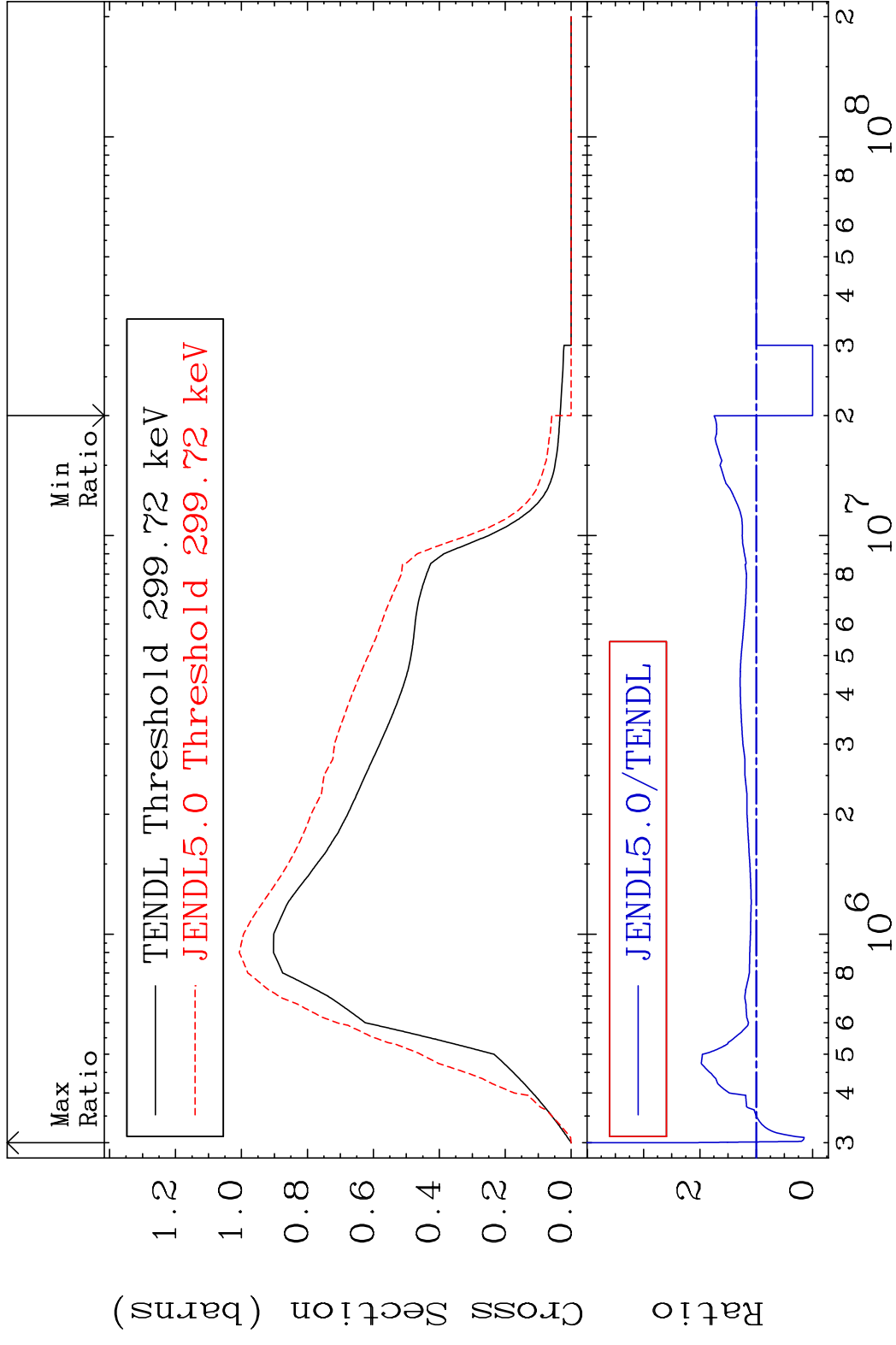


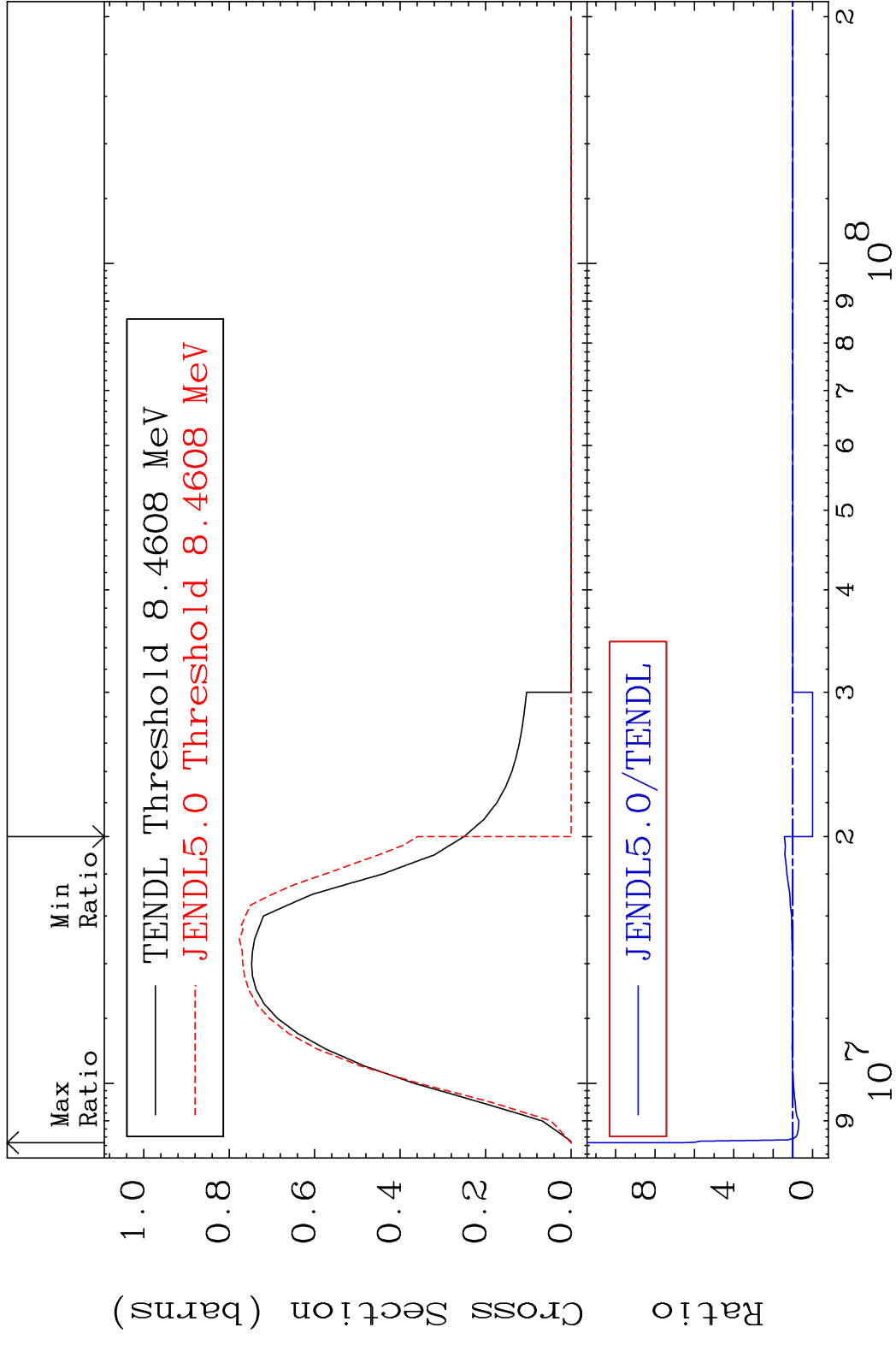
63 Incident Energy (eV) 67-Ho-163

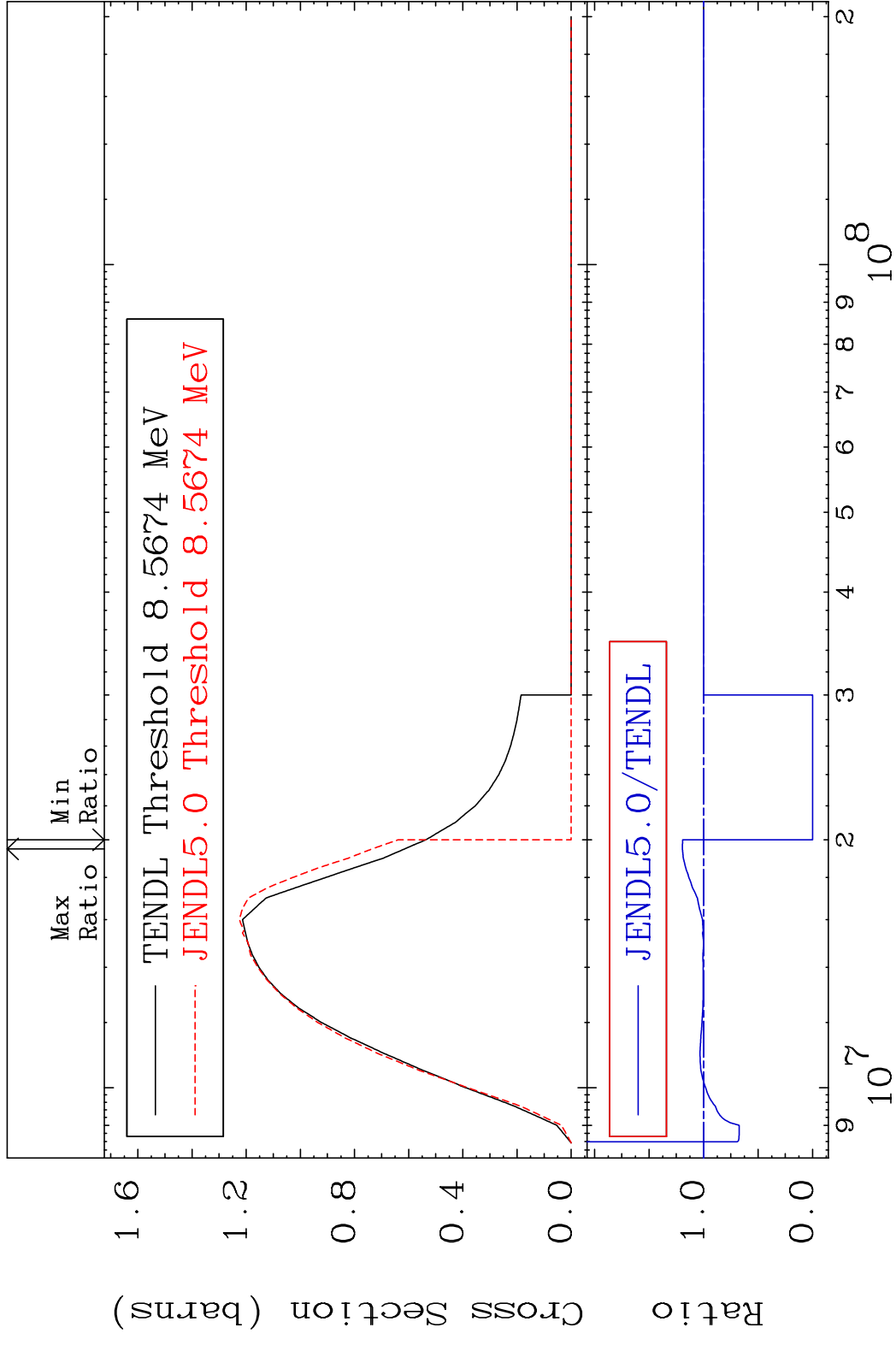
MAT 6719 Dpa disappearance (mt102 -120) 67-Ho-163
 Cross Section -100.0 To 9999. %

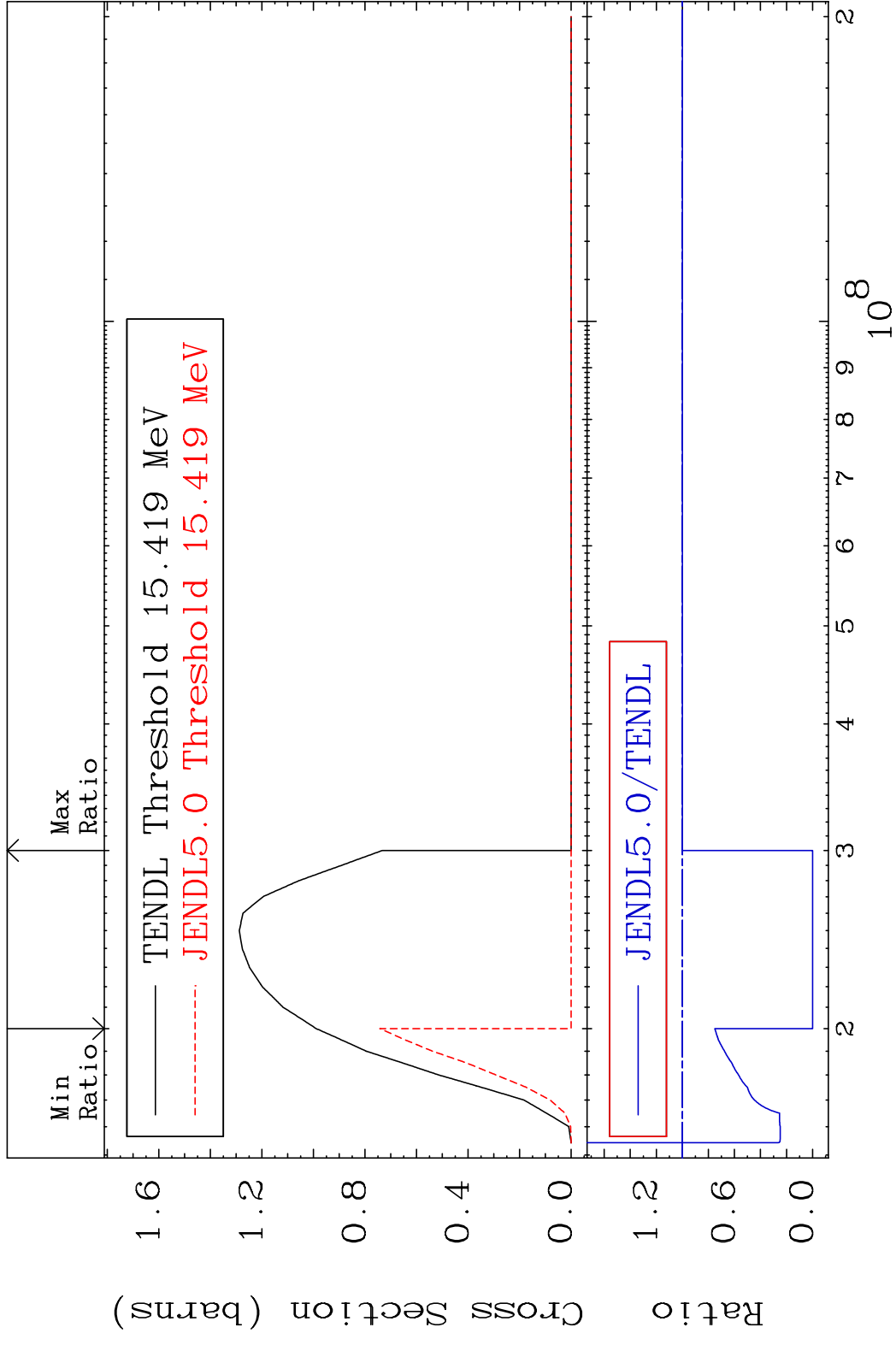


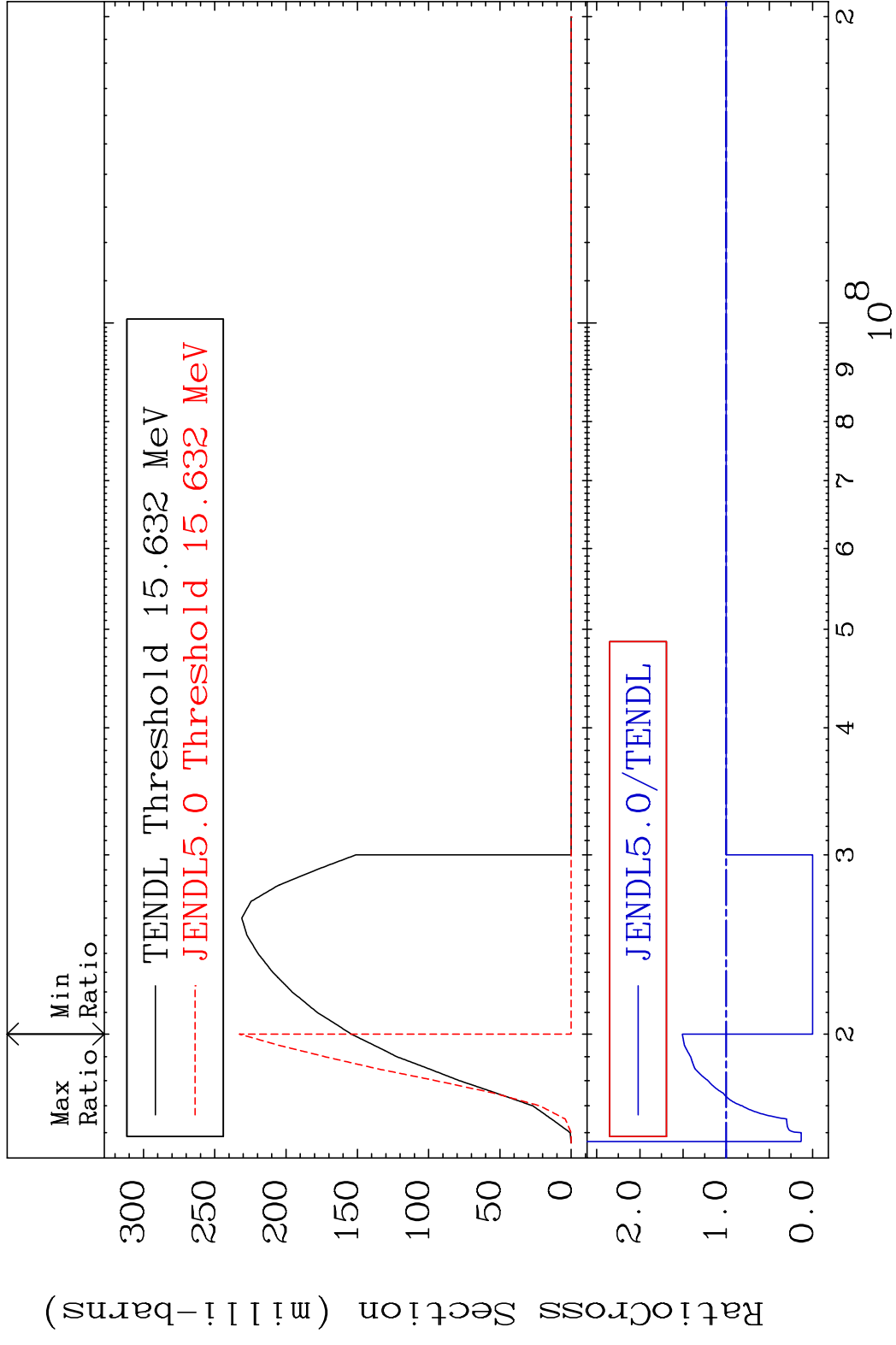
64 Incident Energy (eV) 67-Ho-163

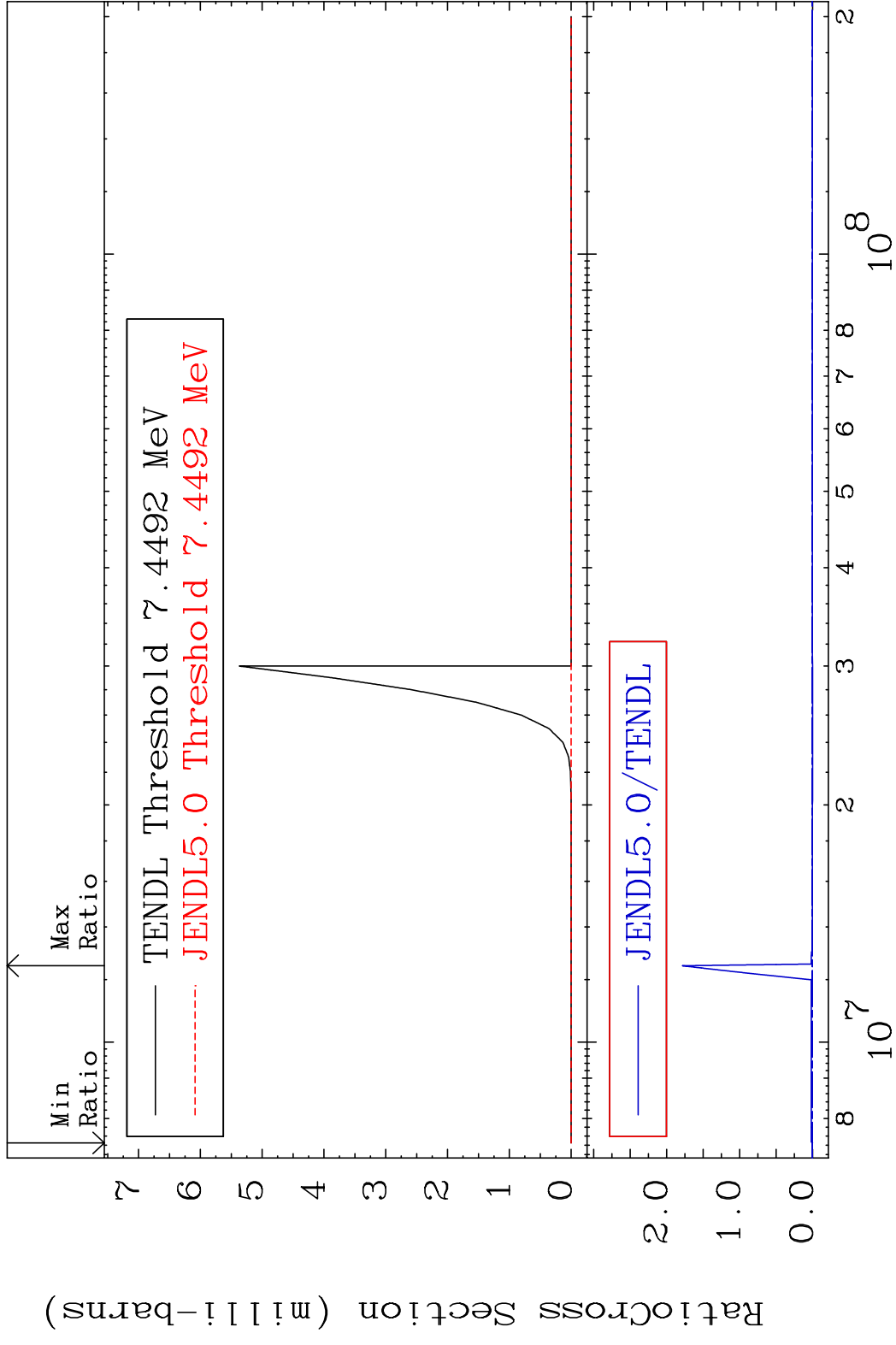


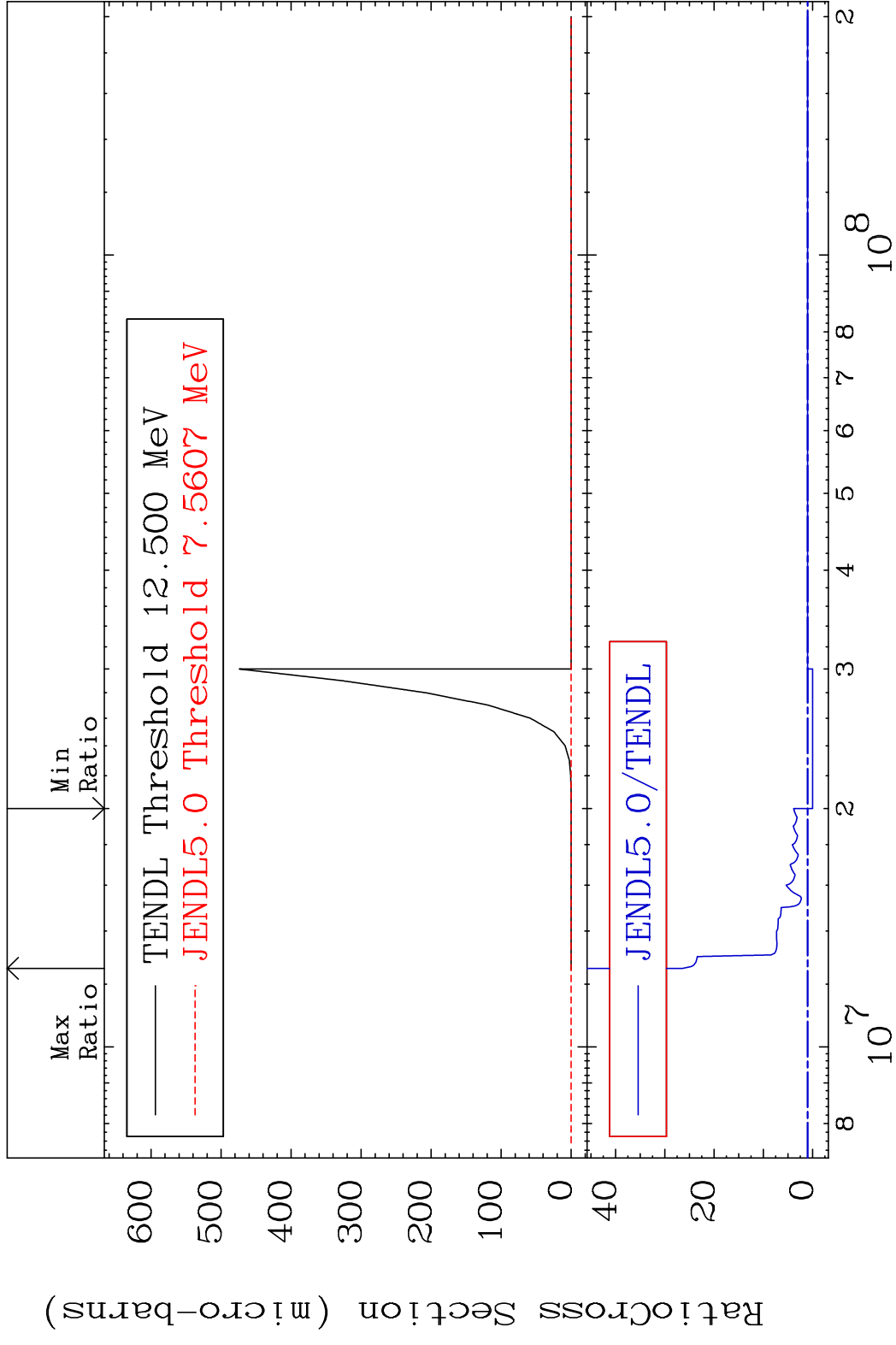




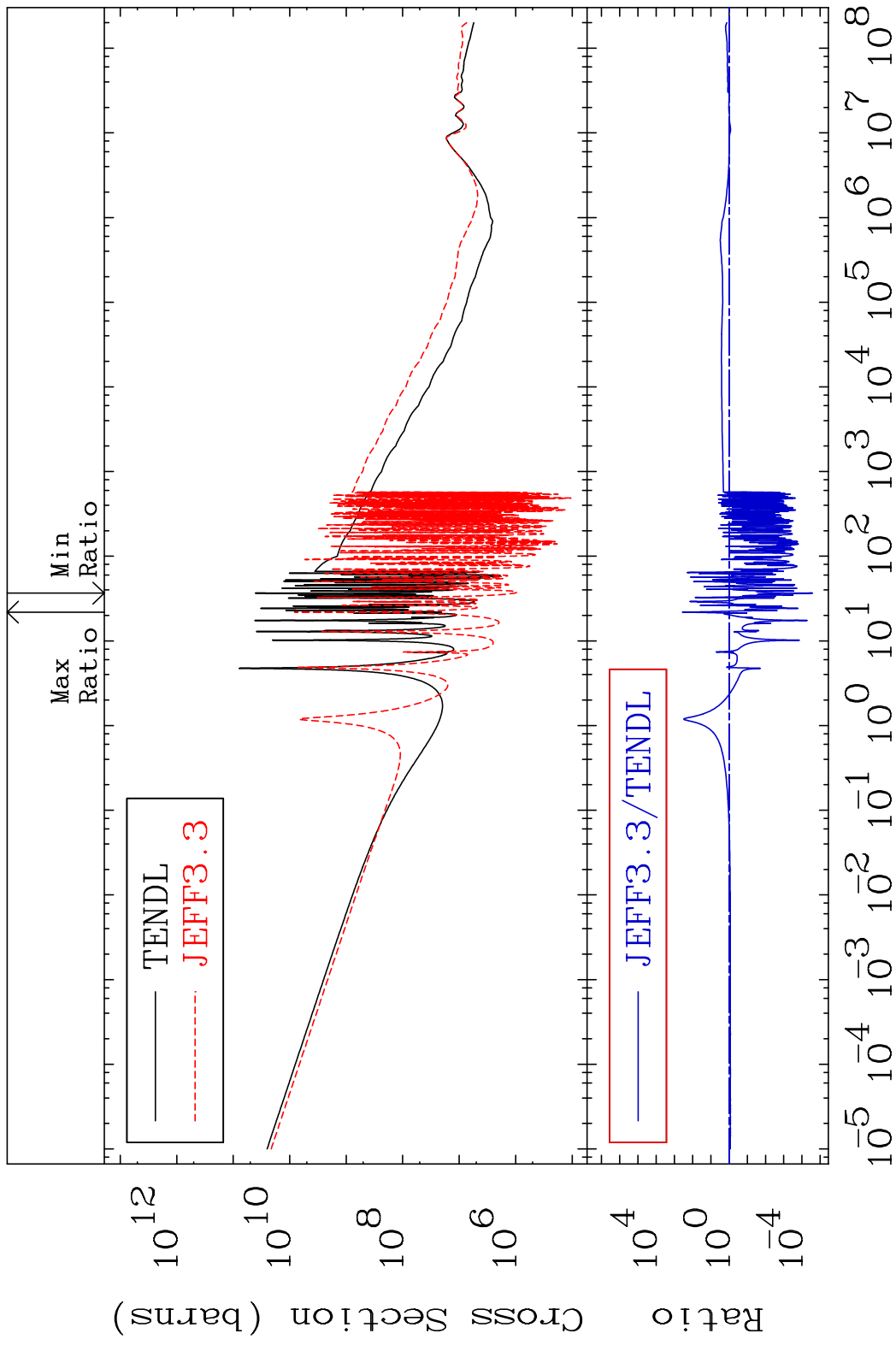




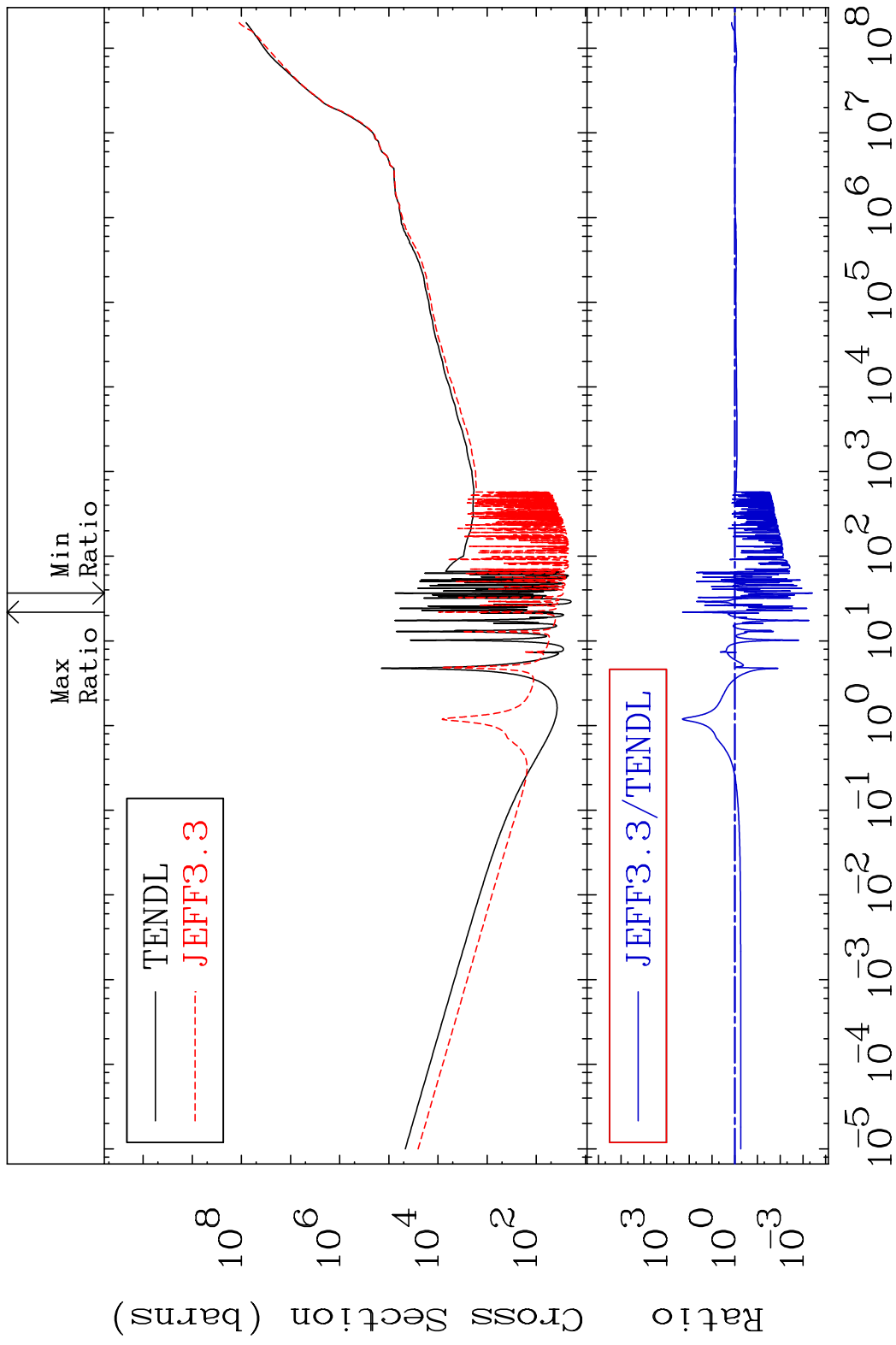




MAT 6719 Total photon (eV-barns) 67-Ho-163
 Cross Section -100.0 To 9999. %



MAT 6719 Total kinematic kerma (high limit) 67-Ho-163
 Cross Section -99.96 To 9999. %

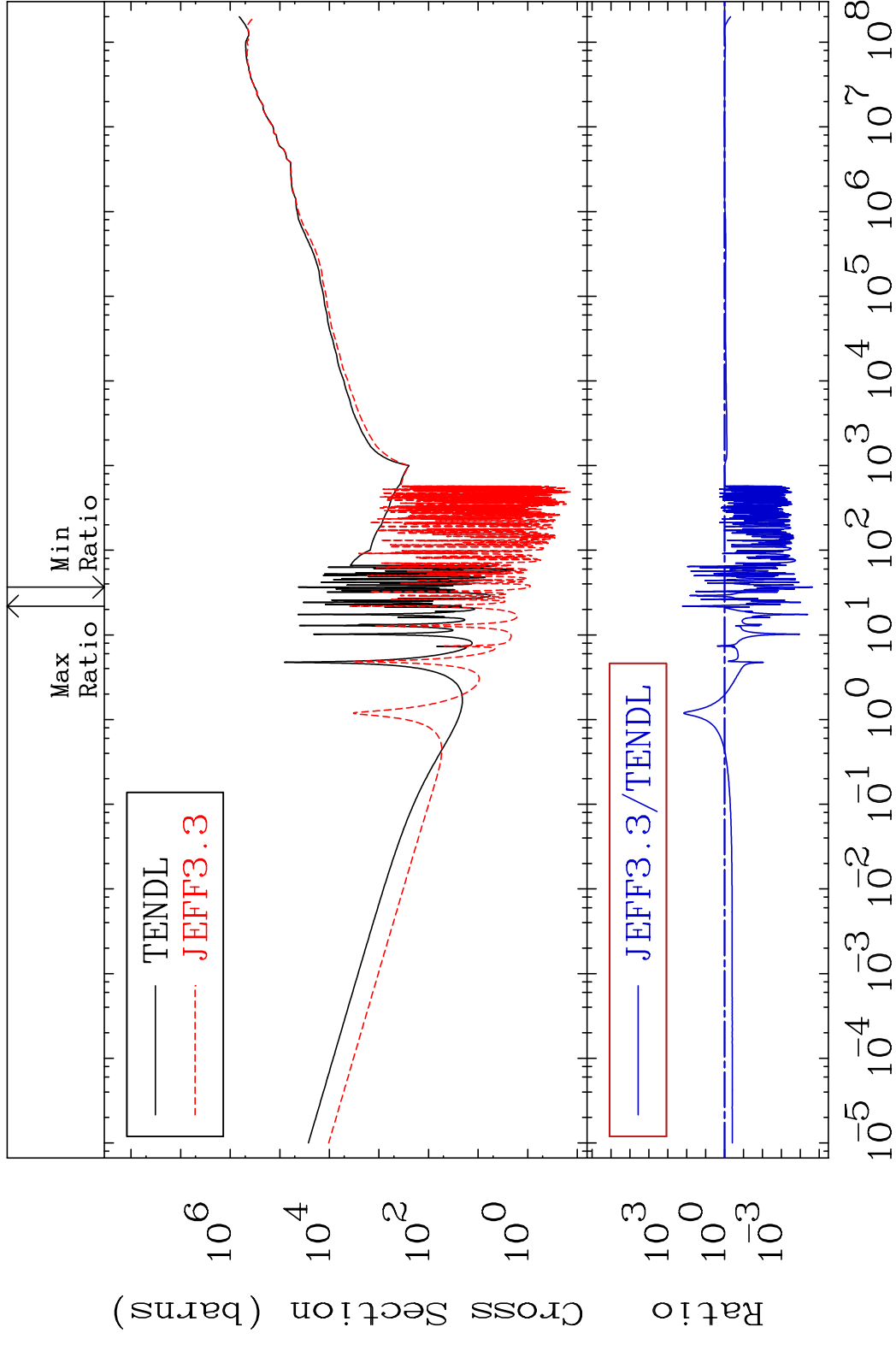


MAT 6719

Dpa total (eV-barns)

67-Ho-163

Cross Section -100.0 To 9999. %



74

Incident Energy (eV)

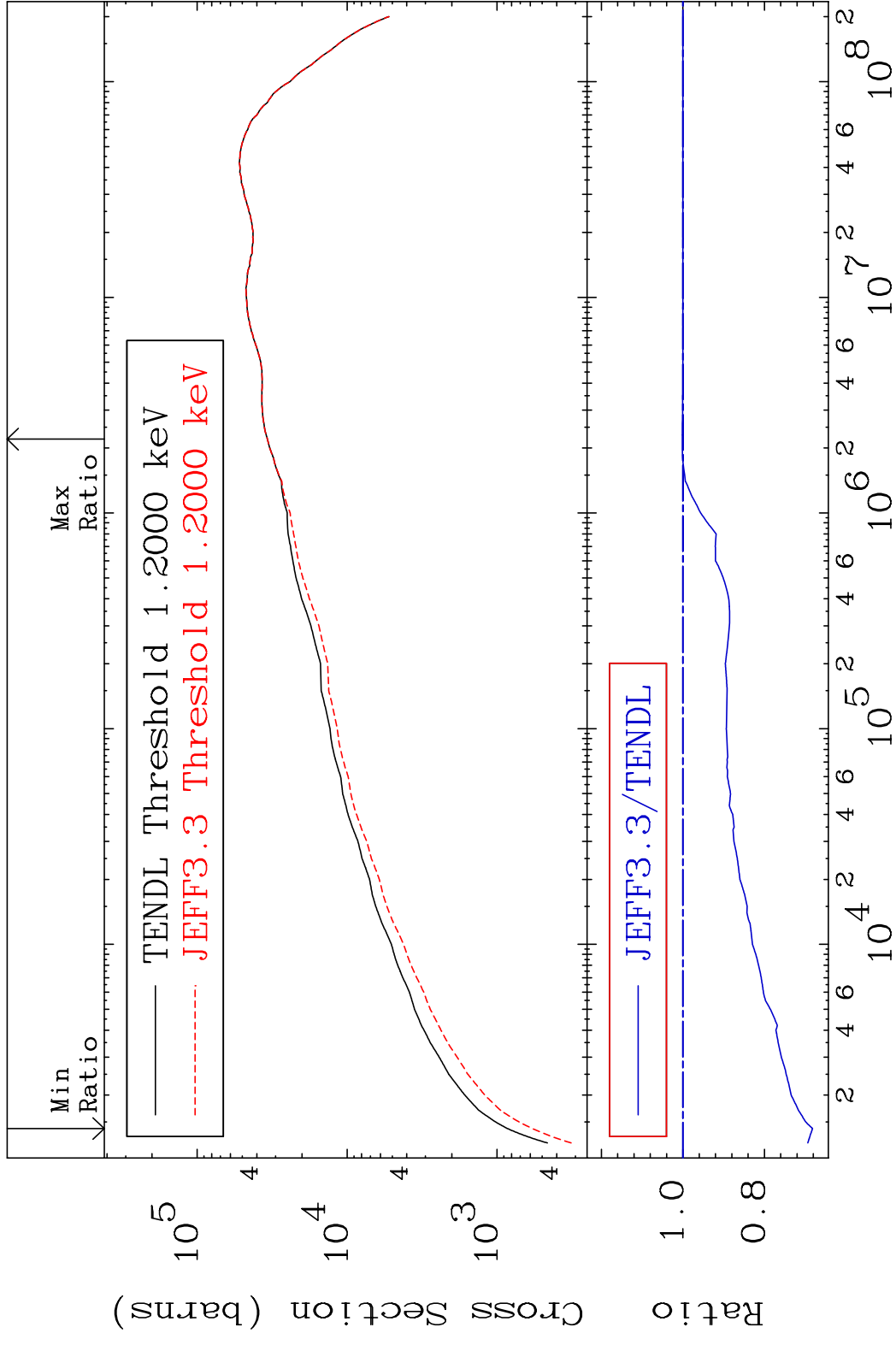
67-Ho-163

MAT 6719

Dpa elastic (mt2)

67-Ho-163

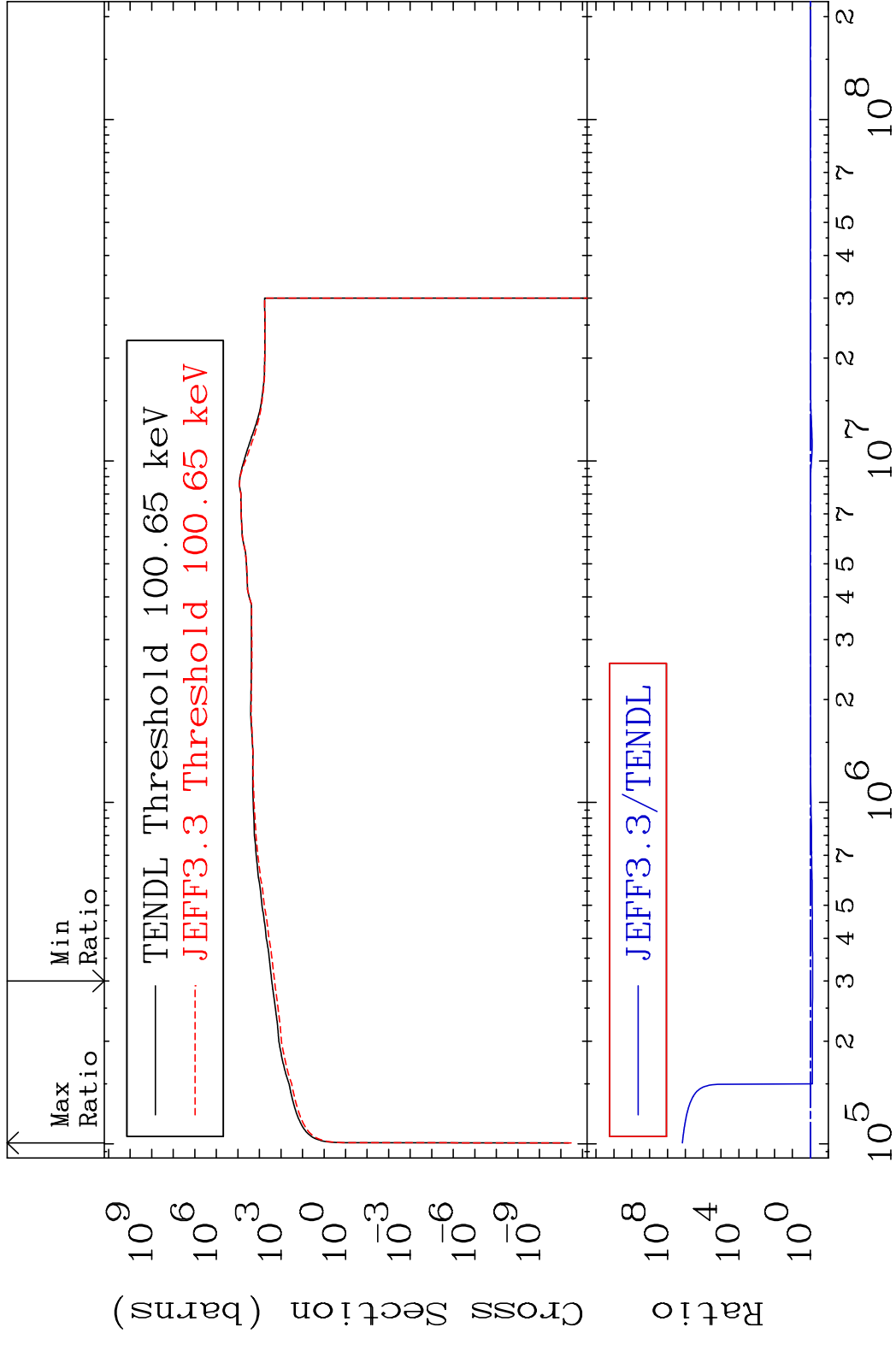
Cross Section -31.81 To 0.135 %



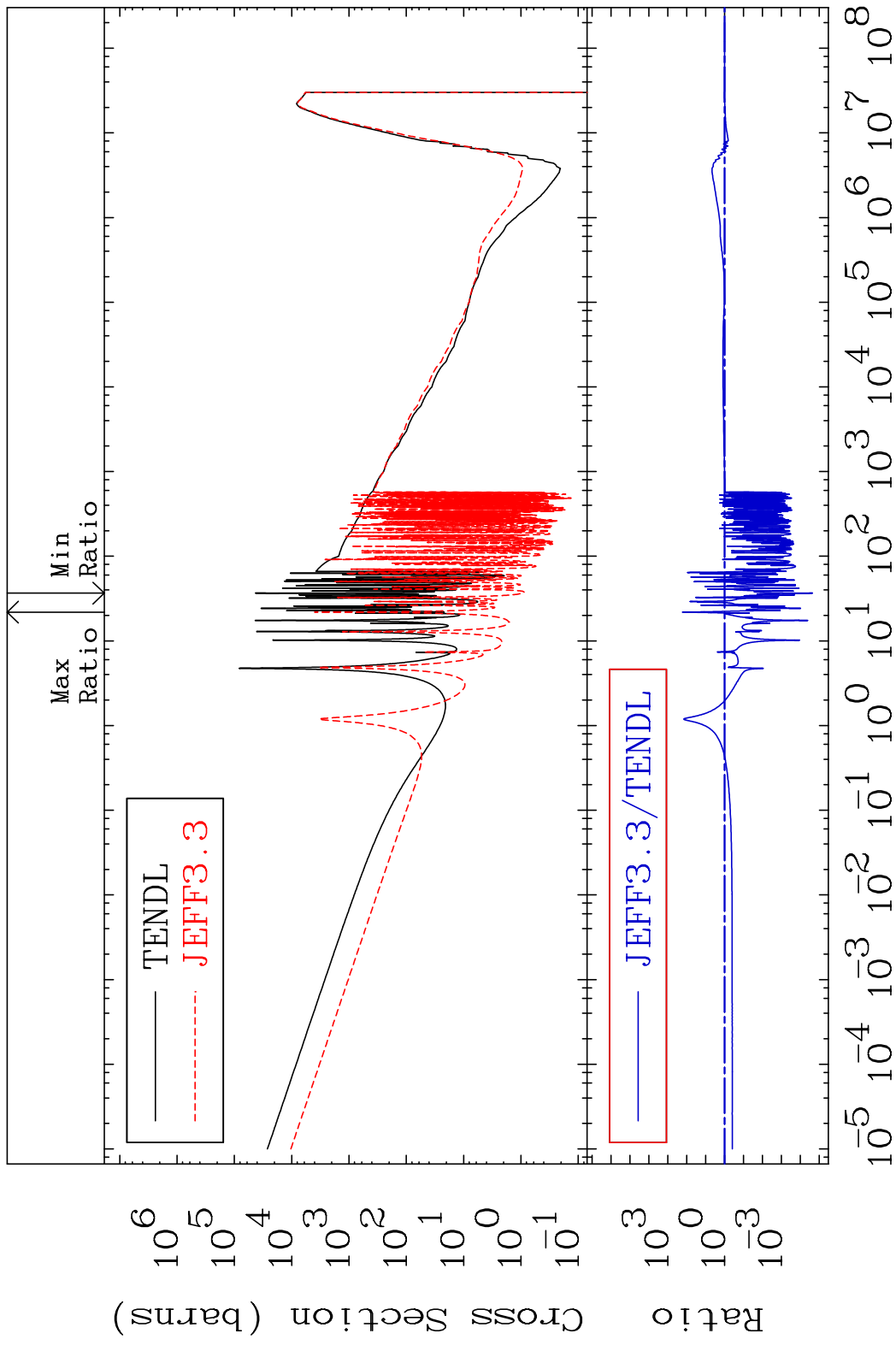
75

Incident Energy (eV)

67-Ho-163



MAT 6719 Dpa disappearance (mt102 -120) 67-Ho-163
 Cross Section -100.0 To 9999. %

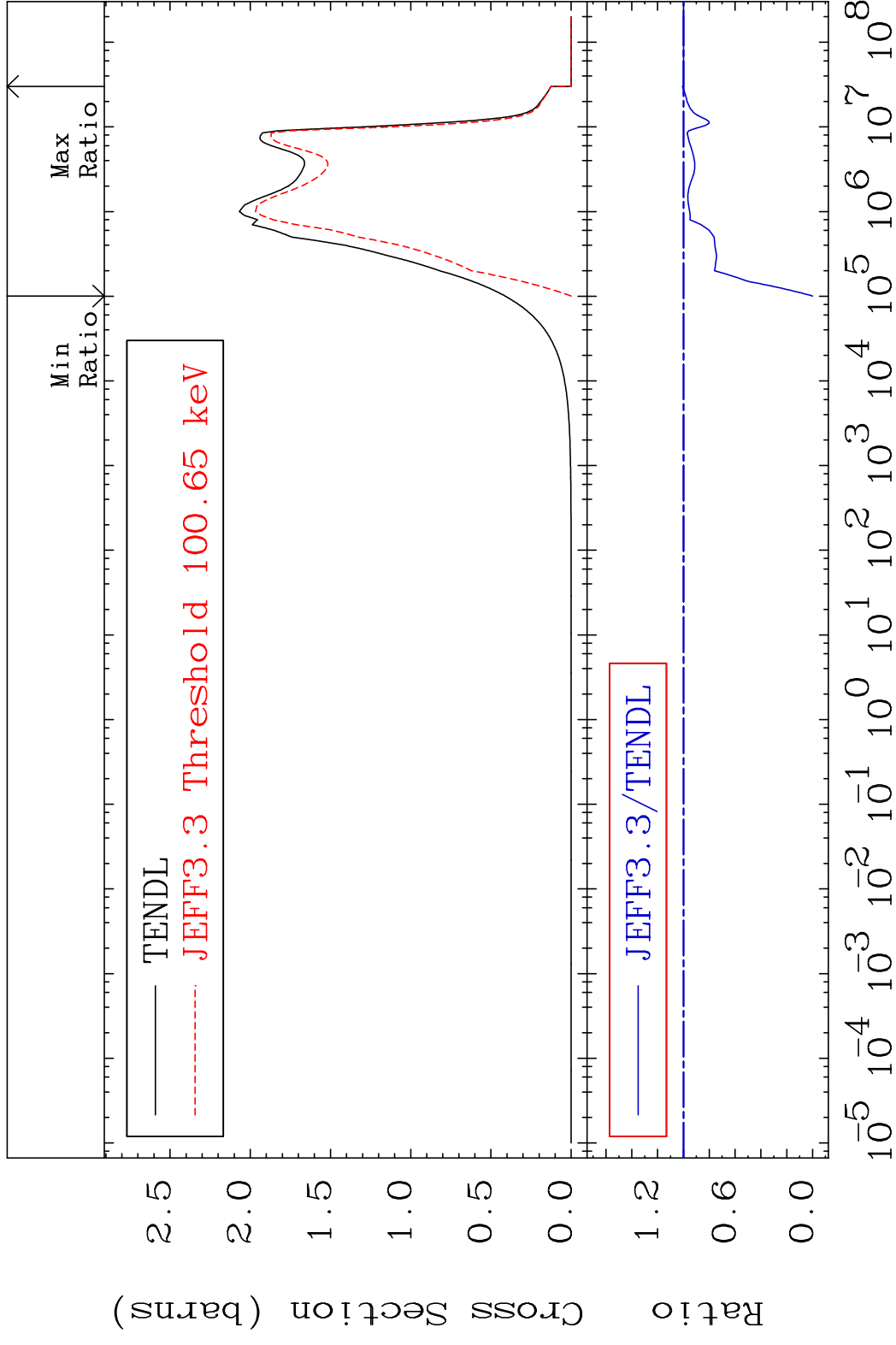


MAT 6719

Inelastic:67-Ho-163g

67-Ho-163

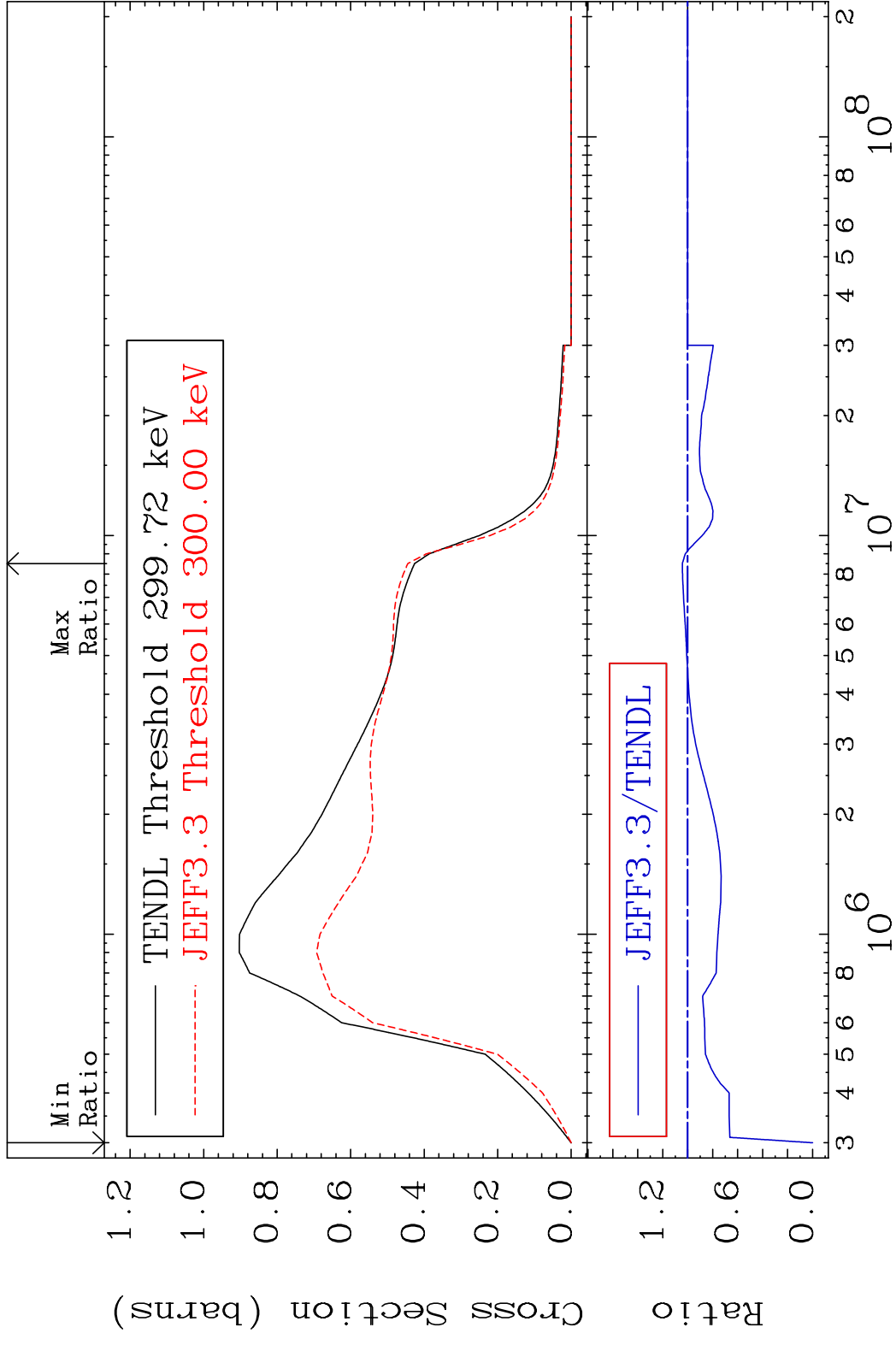
Radionuclide Production Cross Section 180.01 dth 0.840 %



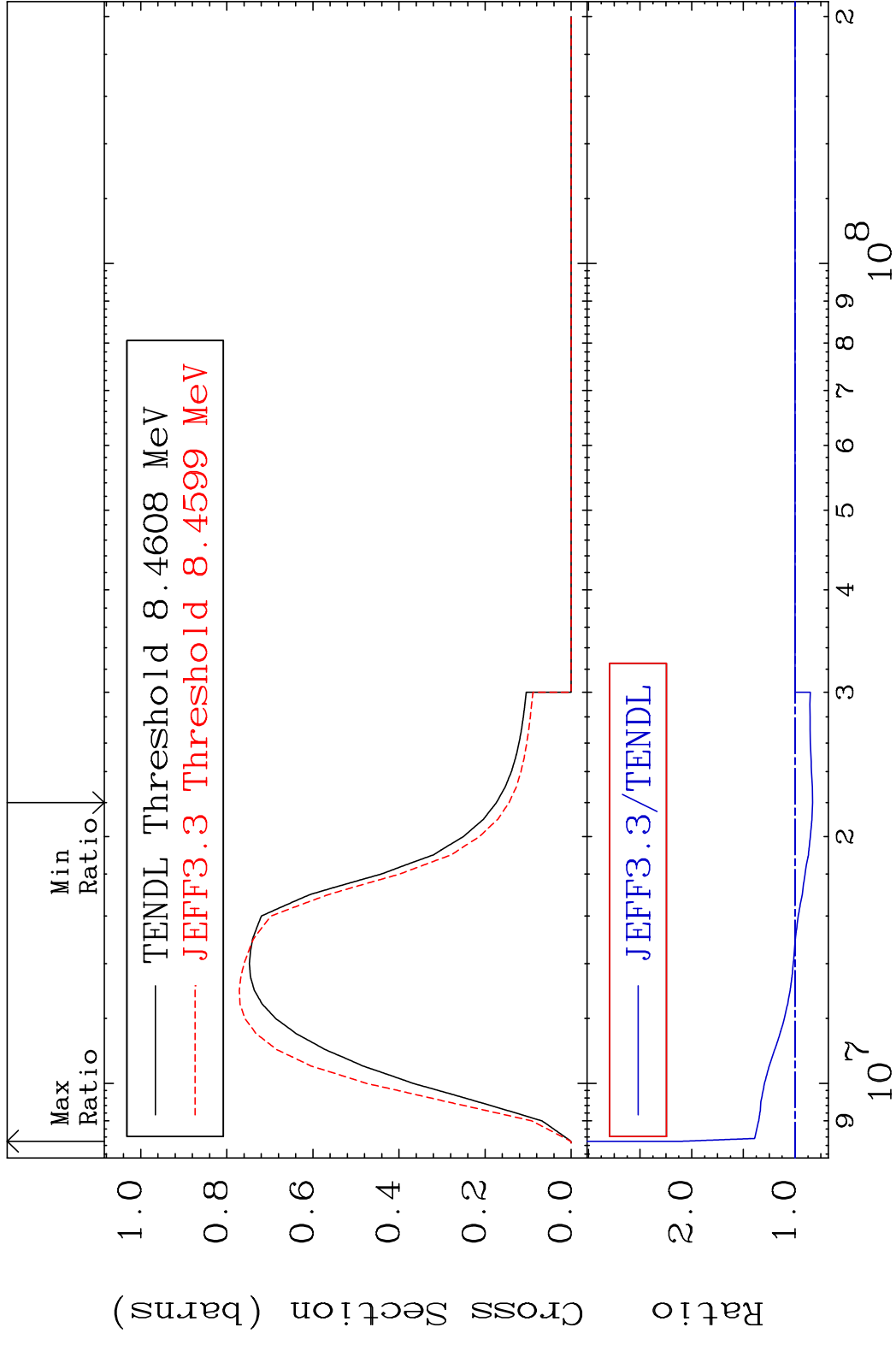
78

Incident Energy (eV)

67-Ho-163



MAT 6719 (n,2n):67-Ho-162g 67-Ho-163
 Radionuclide Production Cross Section 186.9410 109.1 %



80 Incident Energy (eV) 67-Ho-163

