

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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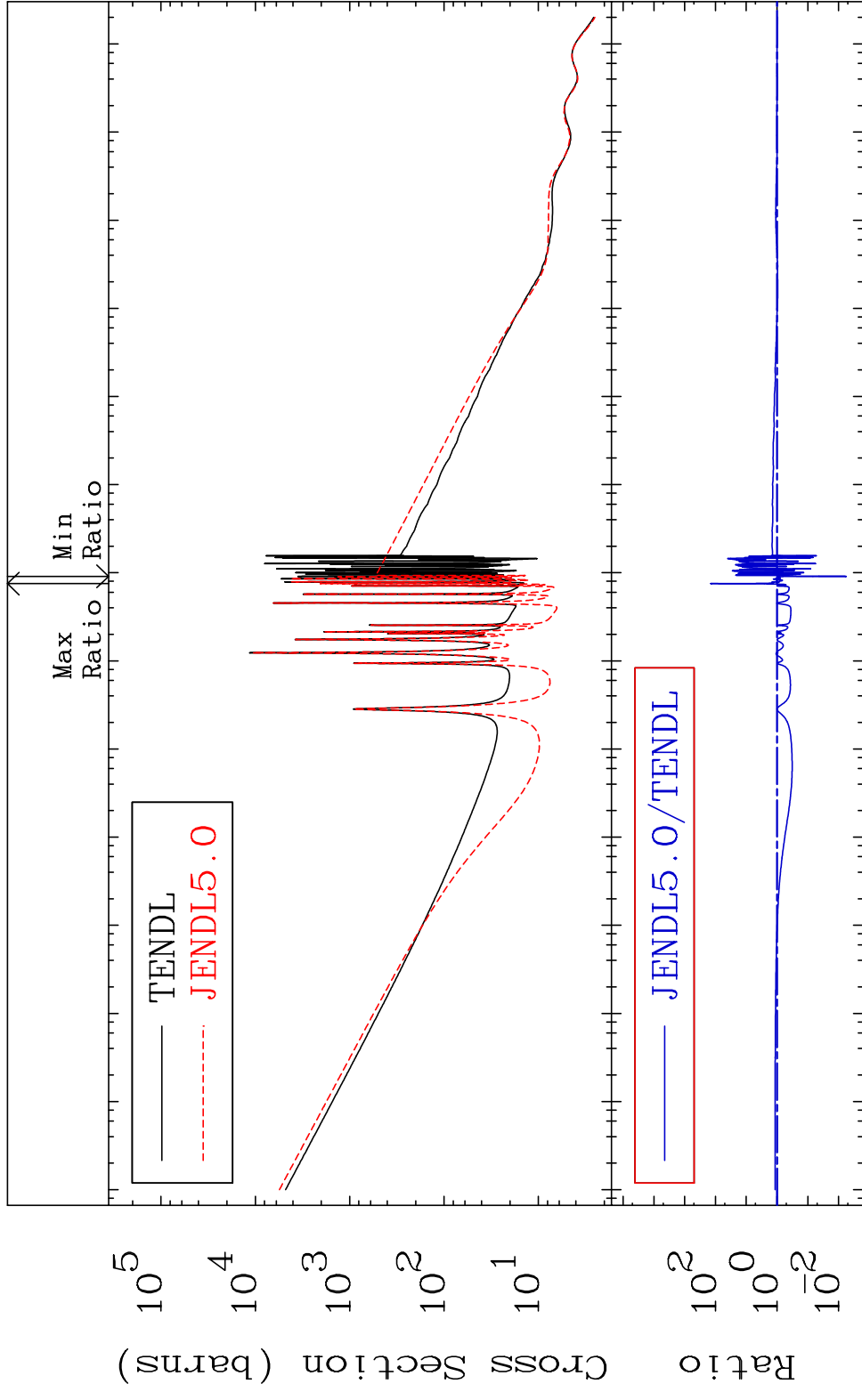
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 6928

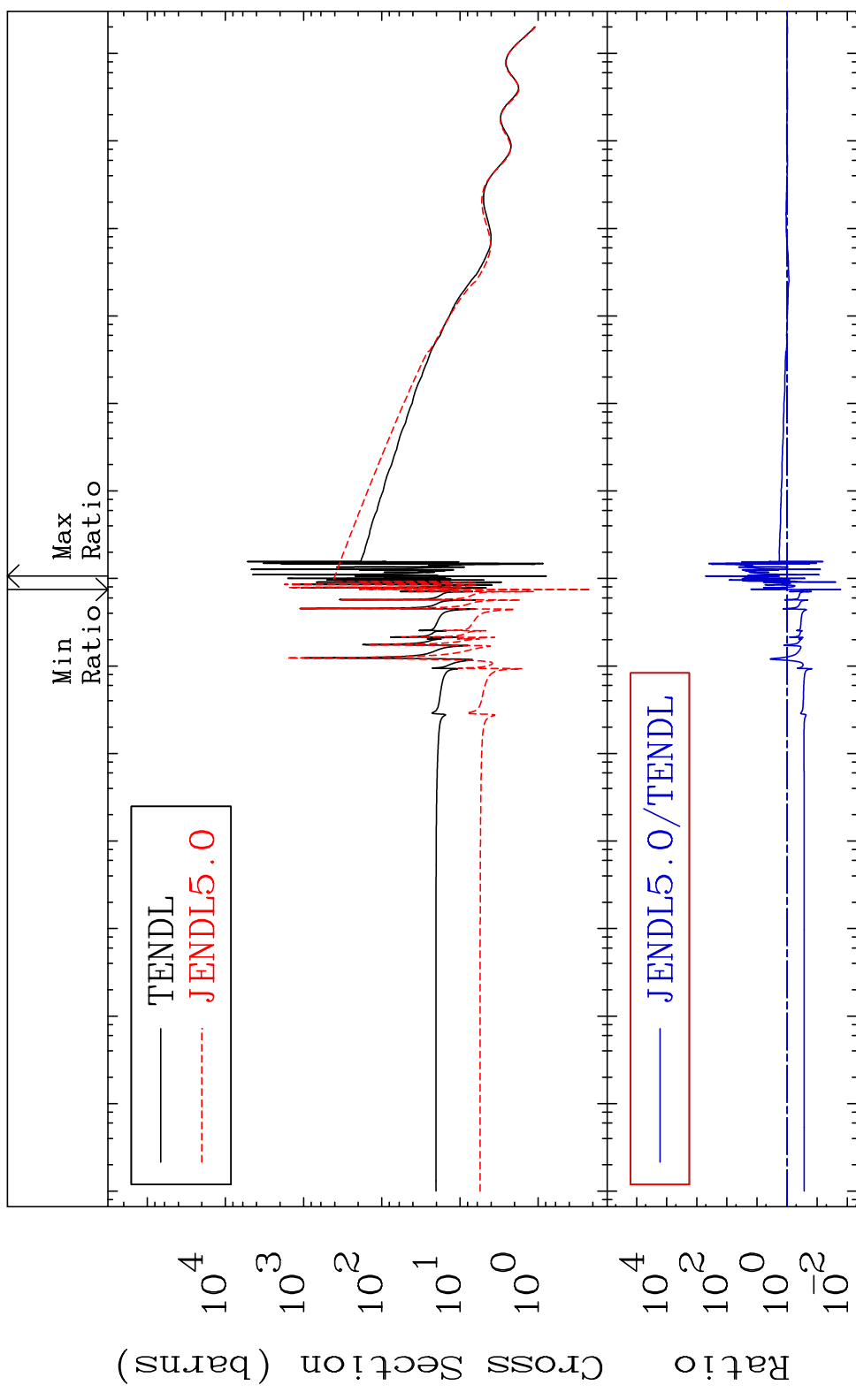
Total Cross Section -99.44 To 9999. %
69-Tm-170



1 Incident Energy (eV) 69-Tm-170

MAT 6928

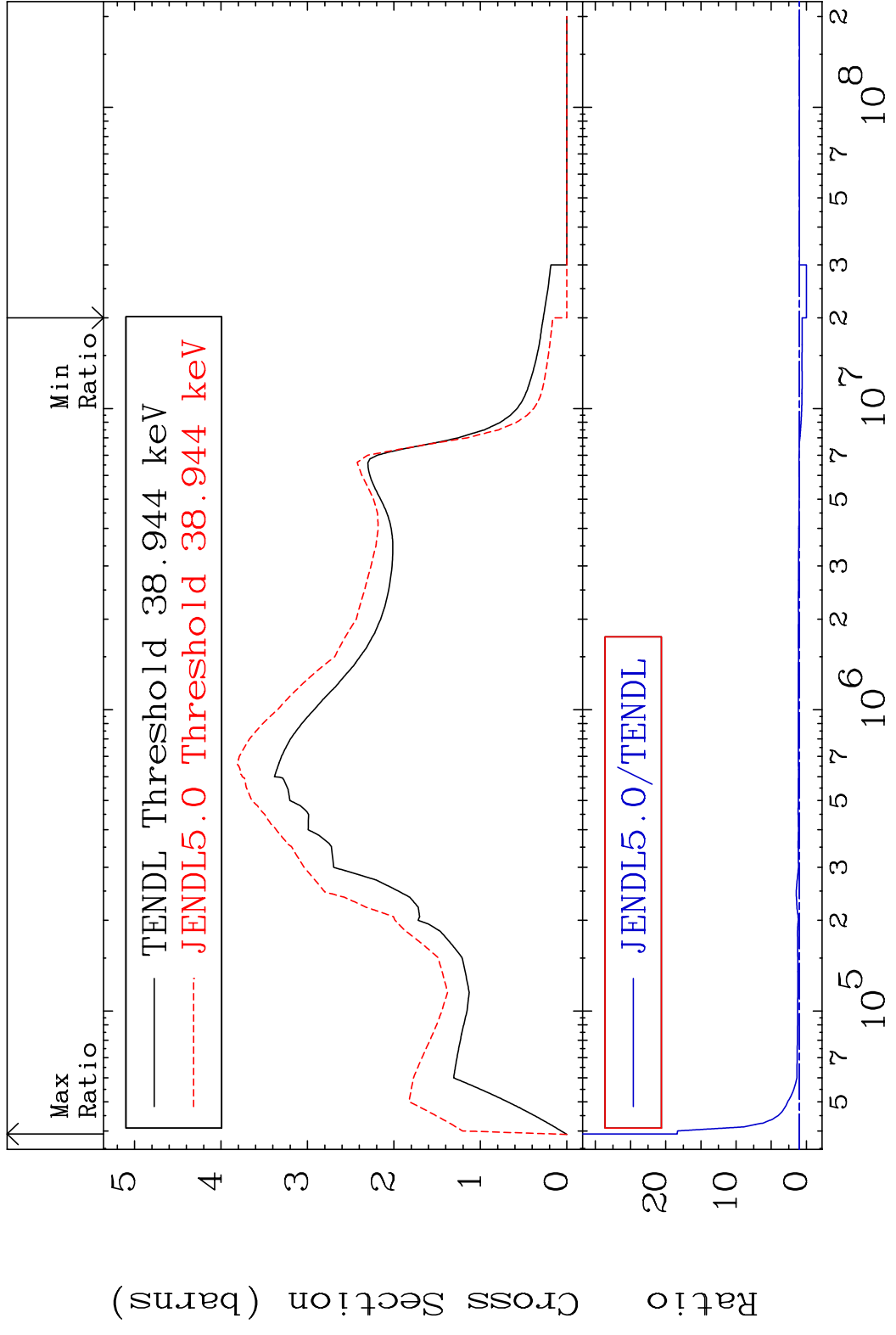
Elastic Cross Section -98.31 To 9999. % 69-Tm-170



2

Incident Energy (eV) 69-Tm-170

MAT 6928 Inelastic Cross Section -100.0 To 1737. % 69-Tm-170

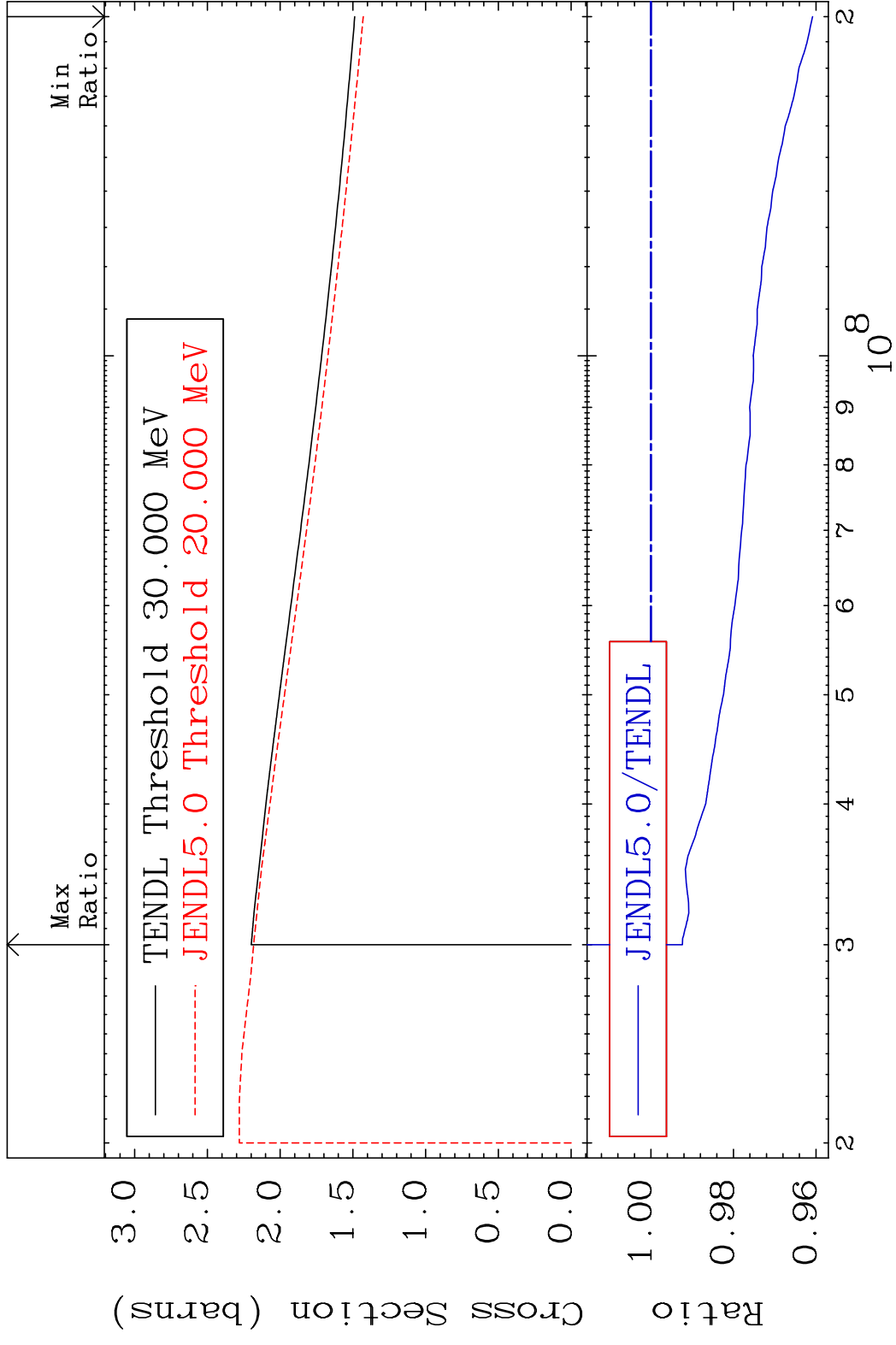


MAT 6928

(n, remainder)

69-Tm-170

Cross Section -3.917 To -0.762%



4

Incident Energy (eV)

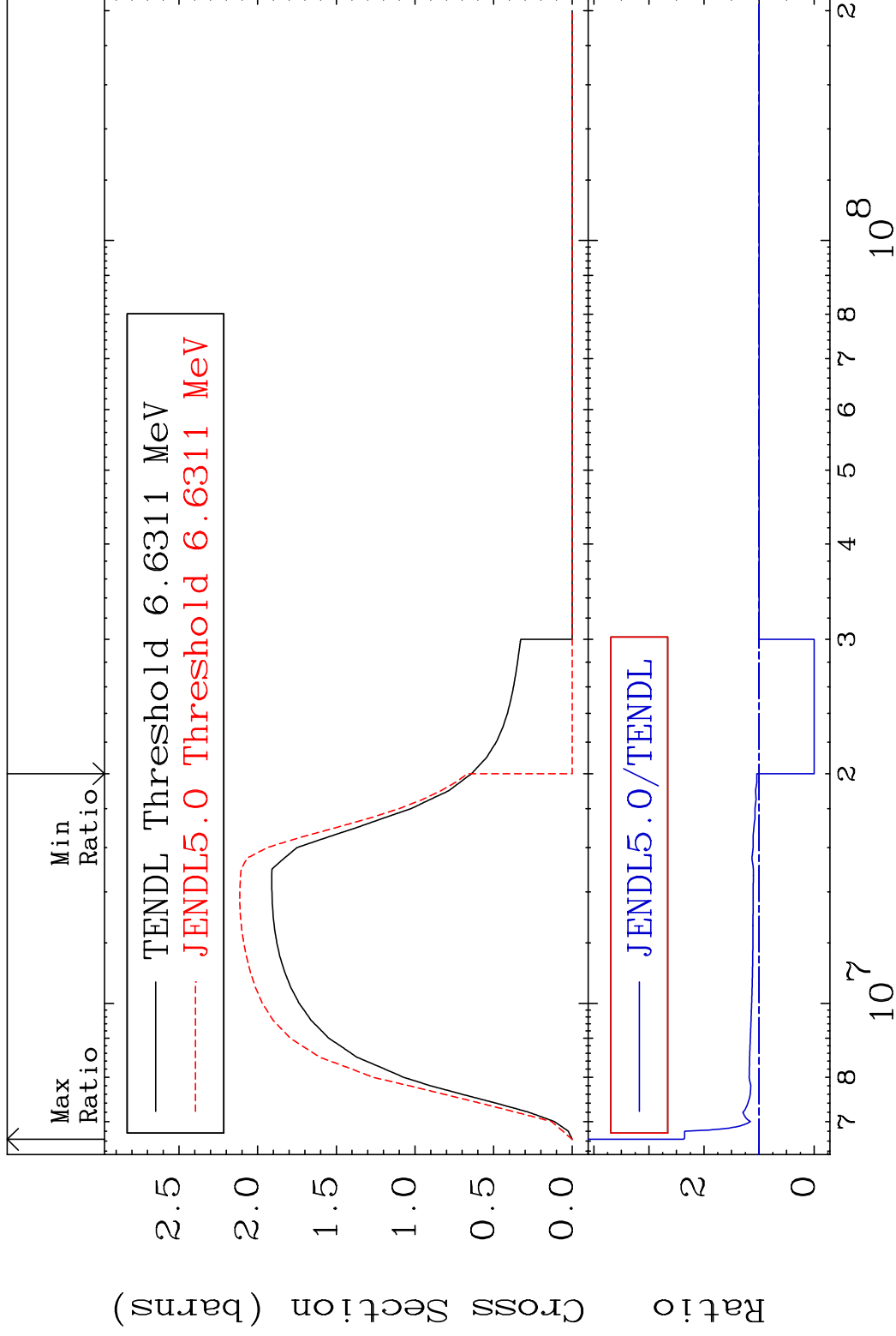
69-Tm-170

MAT 6928

(n,2n)

69-Tm-170

Cross Section -100.0 To 137.0 %



5

Incident Energy (eV)

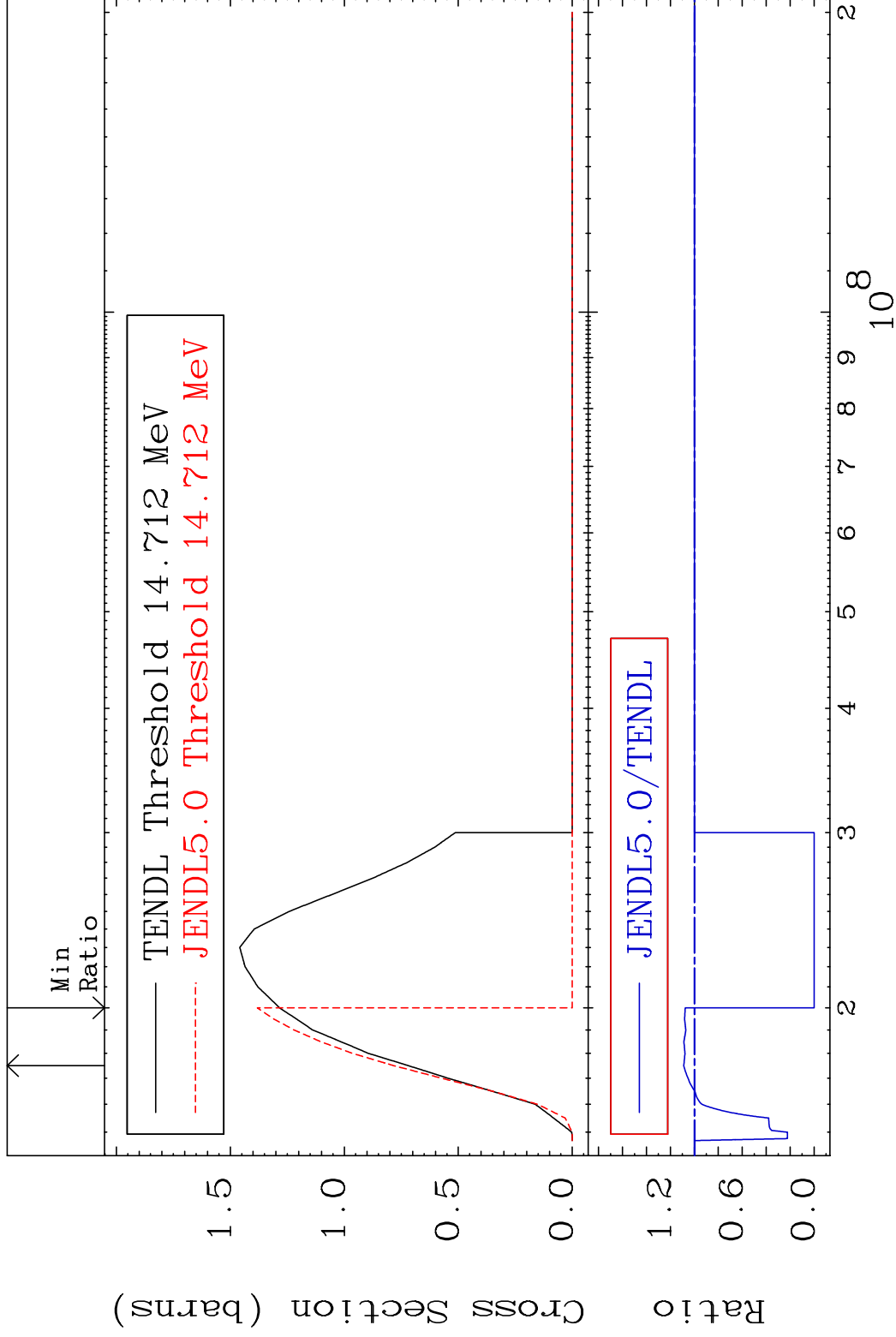
69-Tm-170

MAT 6928

(n,3n)

69-Tm-170

Cross Section -100.0 To 8.928 %



6

Incident Energy (eV)

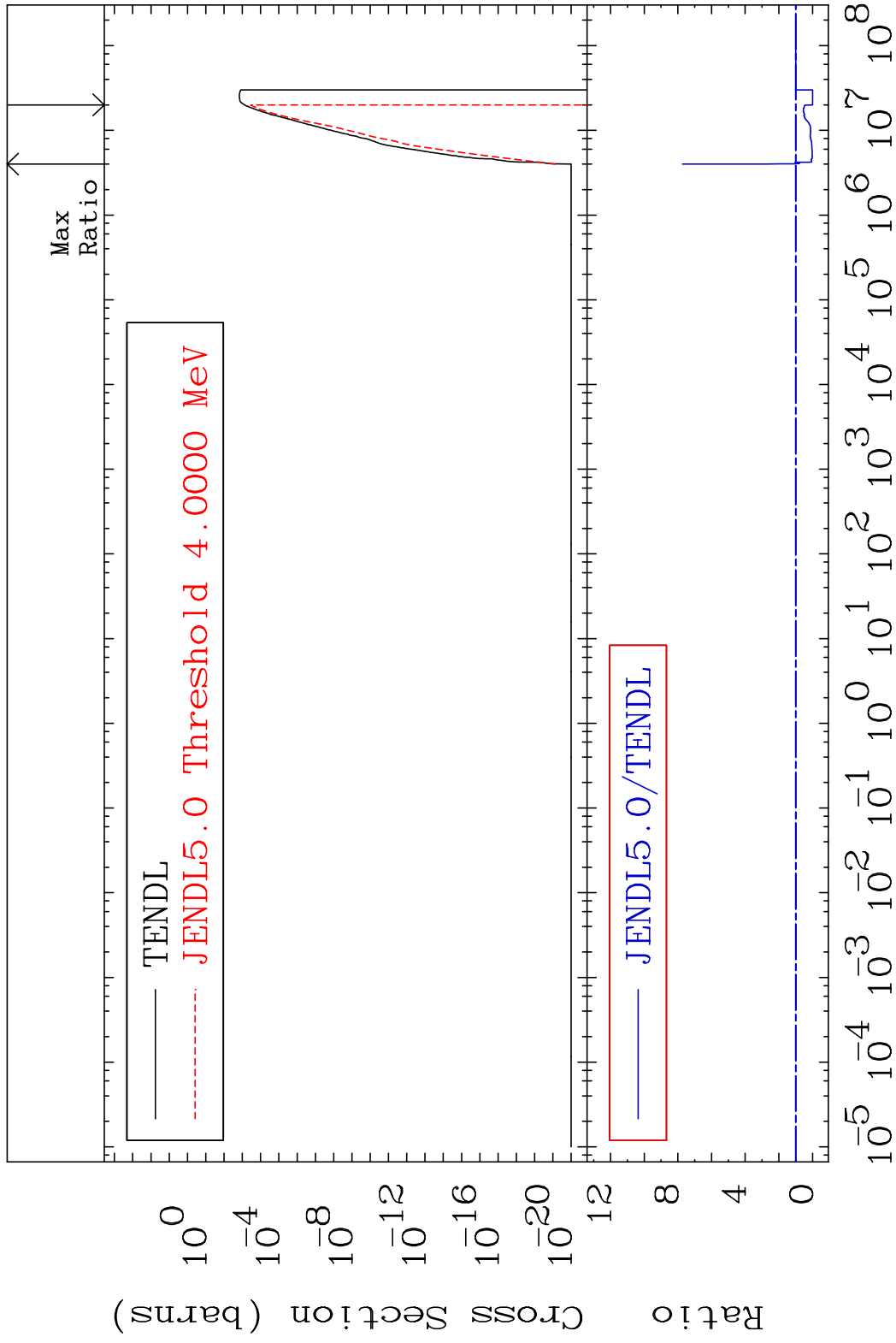
69-Tm-170

MAT 6928

(n, n') α

69-Tm-170

Cross Section -100.0 To 673.4 %

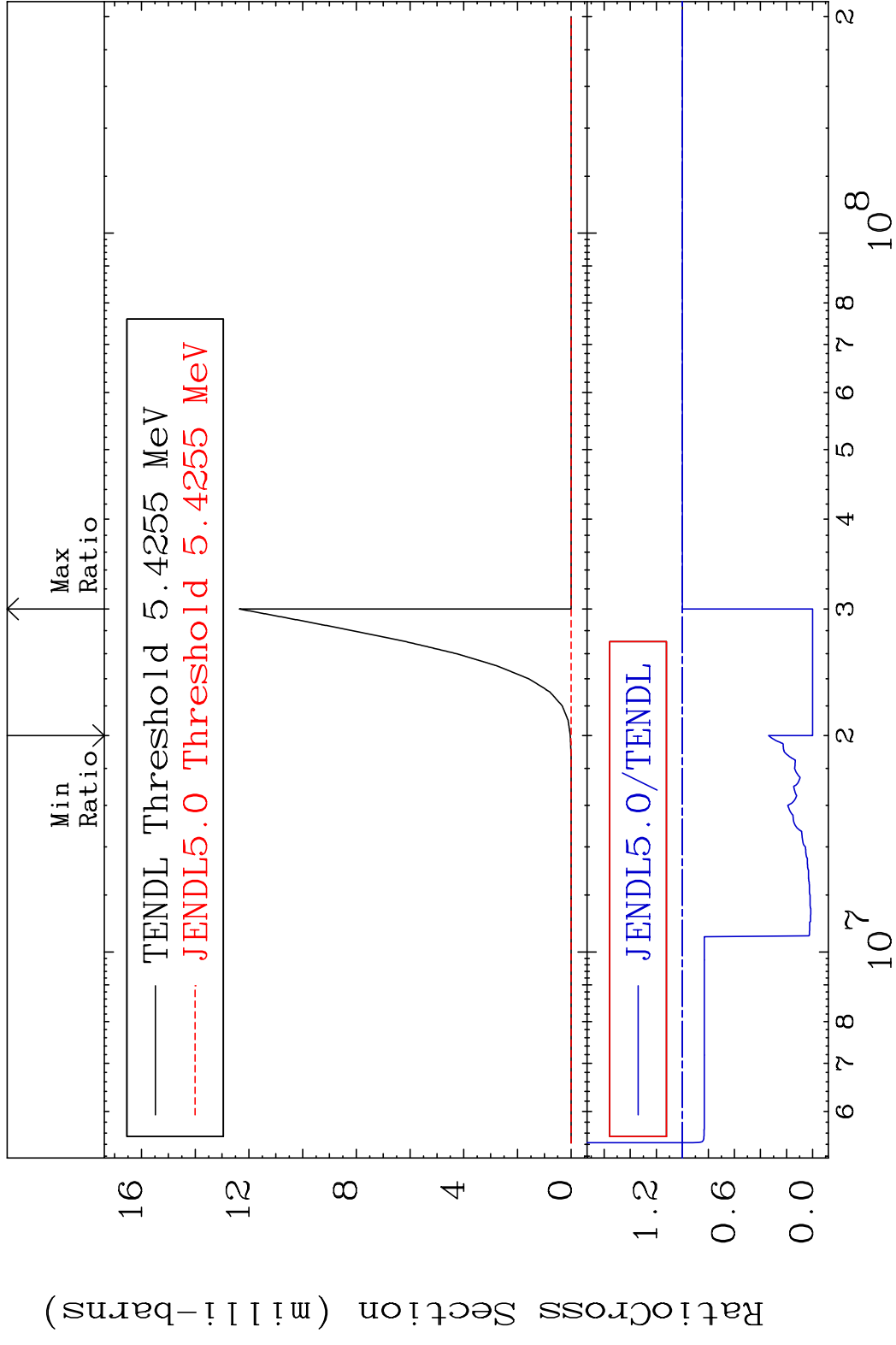


7

Incident Energy (eV)

69-Tm-170

MAT 6928 (n,2n) α 69-Tm-170
 Cross Section -100.0 To 0.000 %



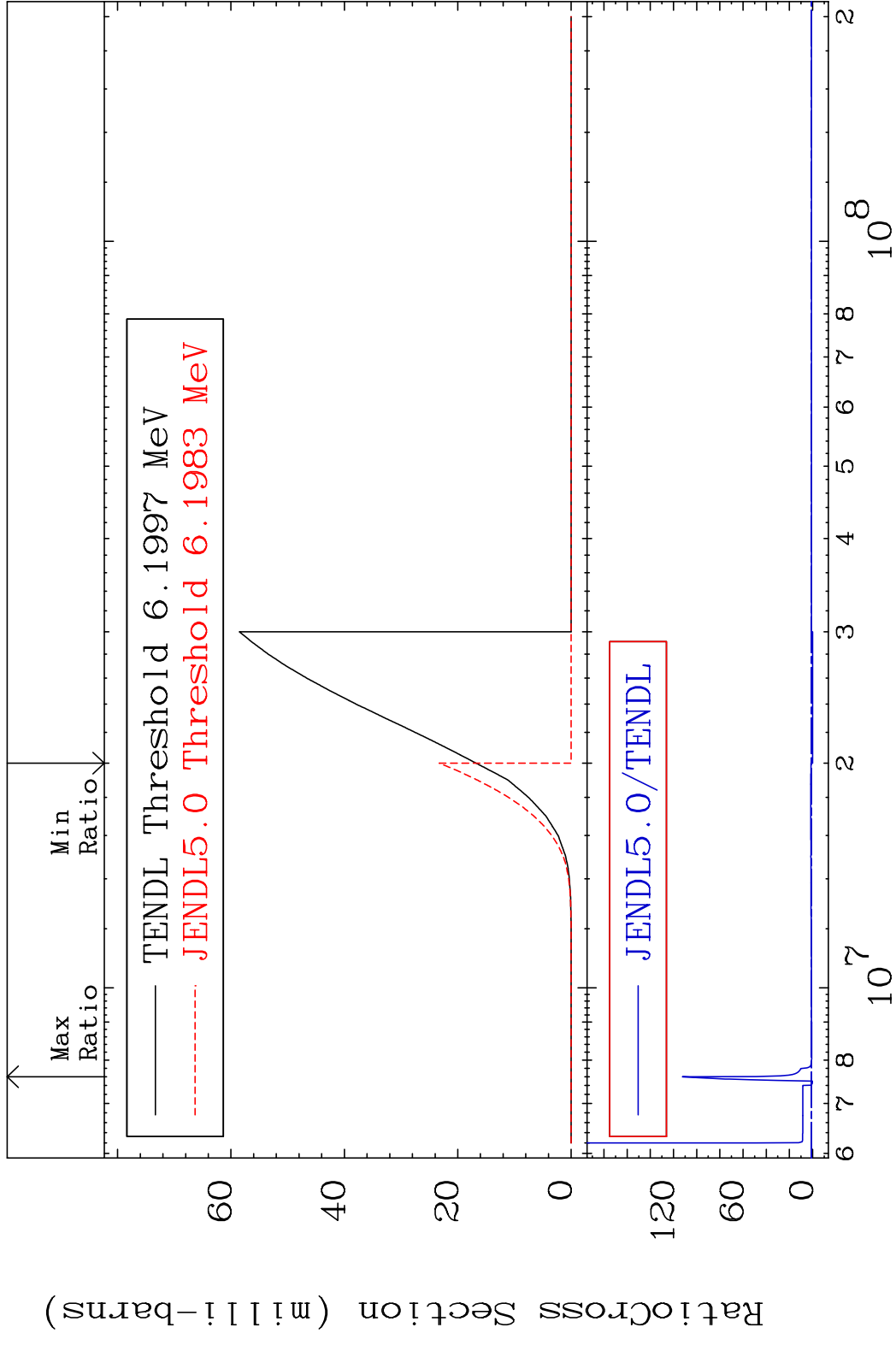
8 8 Incident Energy (eV) 69-Tm-170

MAT 6928

(n, n') p

69-Tm-170

Cross Section -100.0 To 9999. %



9

Incident Energy (eV)

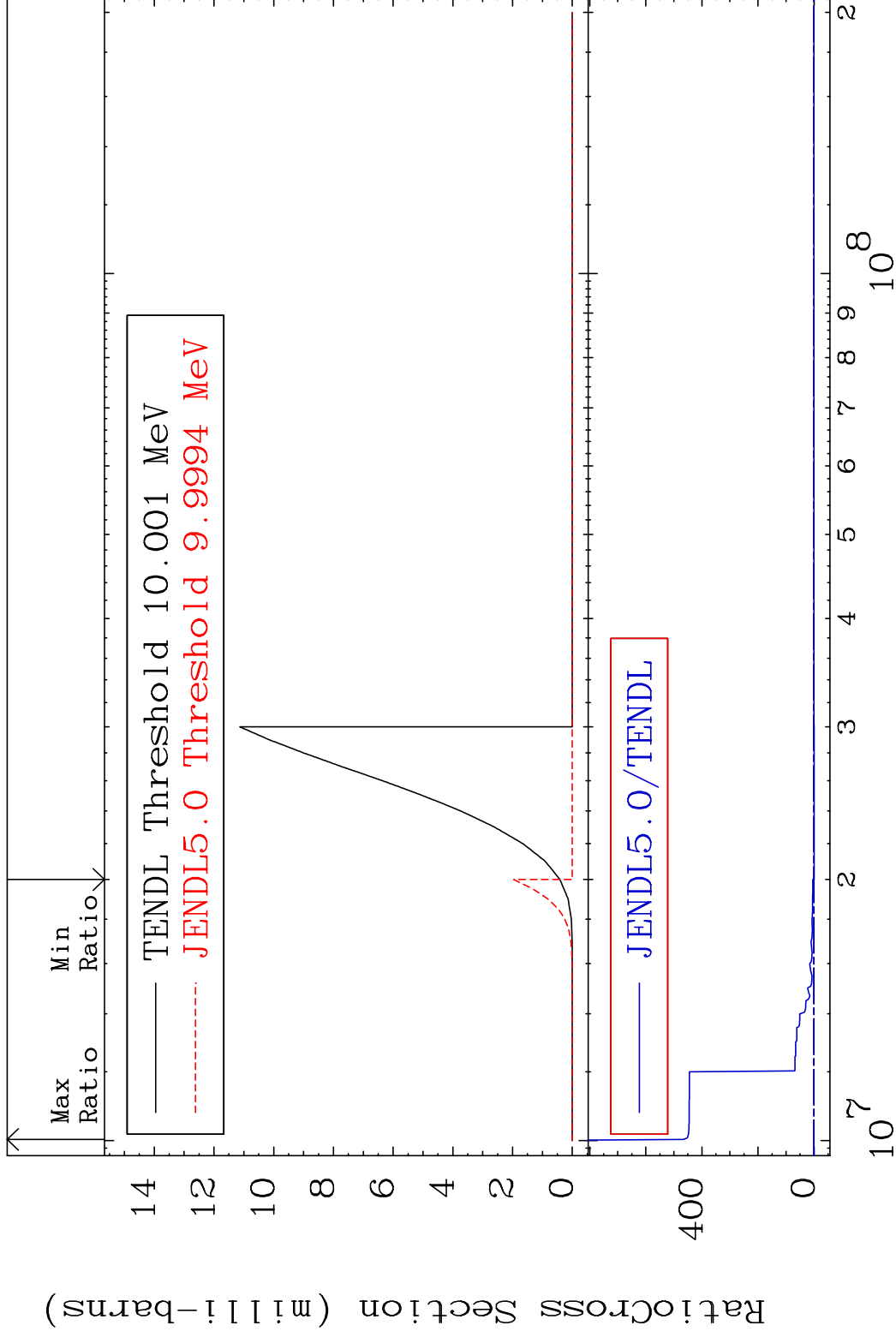
69-Tm-170

MAT 6928

(n, n') d

69-Tm-170

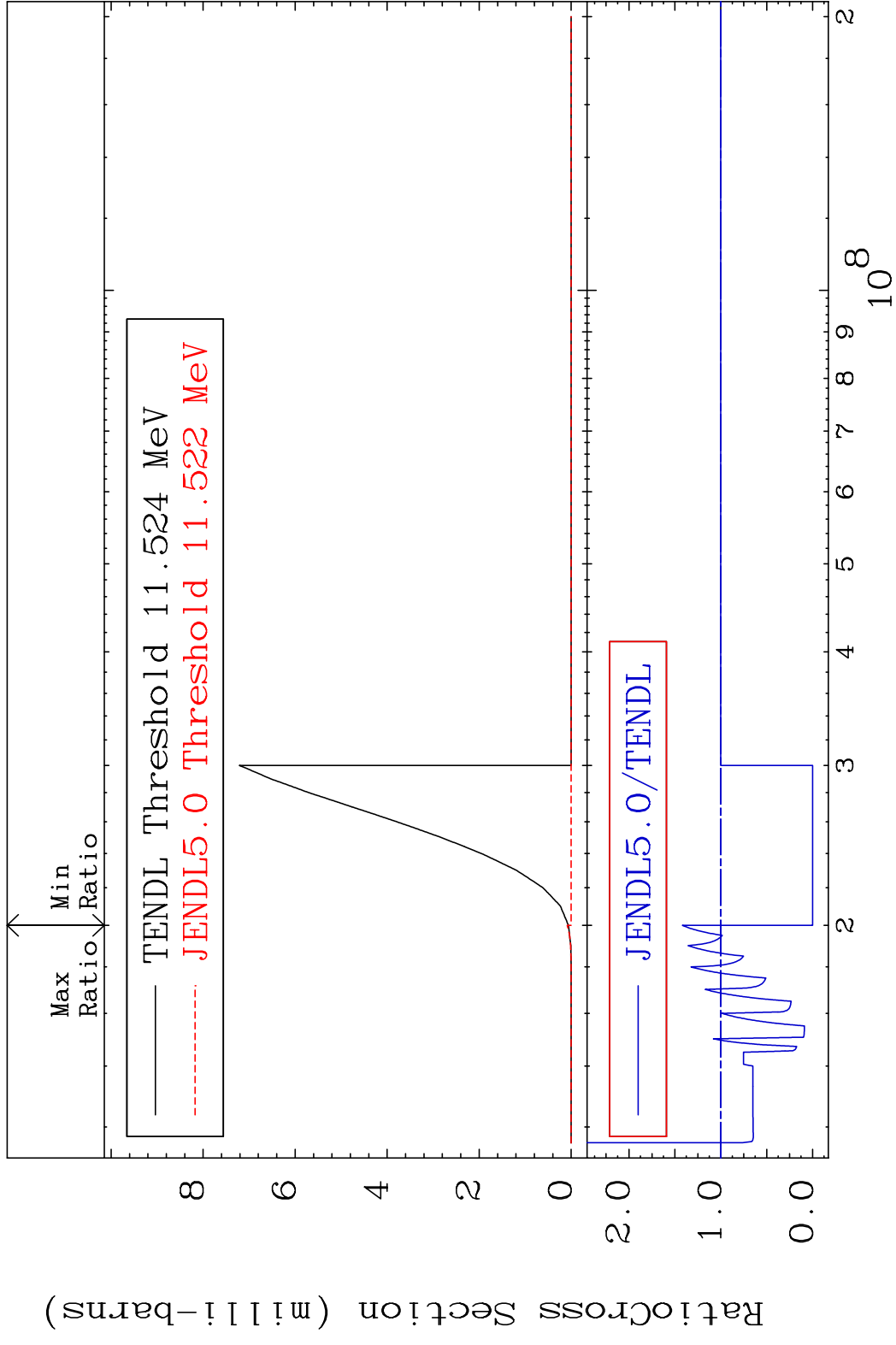
Cross Section -100.0 To 9999. %



69-Tm-170

Incident Energy (eV)

MAT 6928 (n, n') t 69-Tm-170
 Cross Section -100.0 To 41.88 %

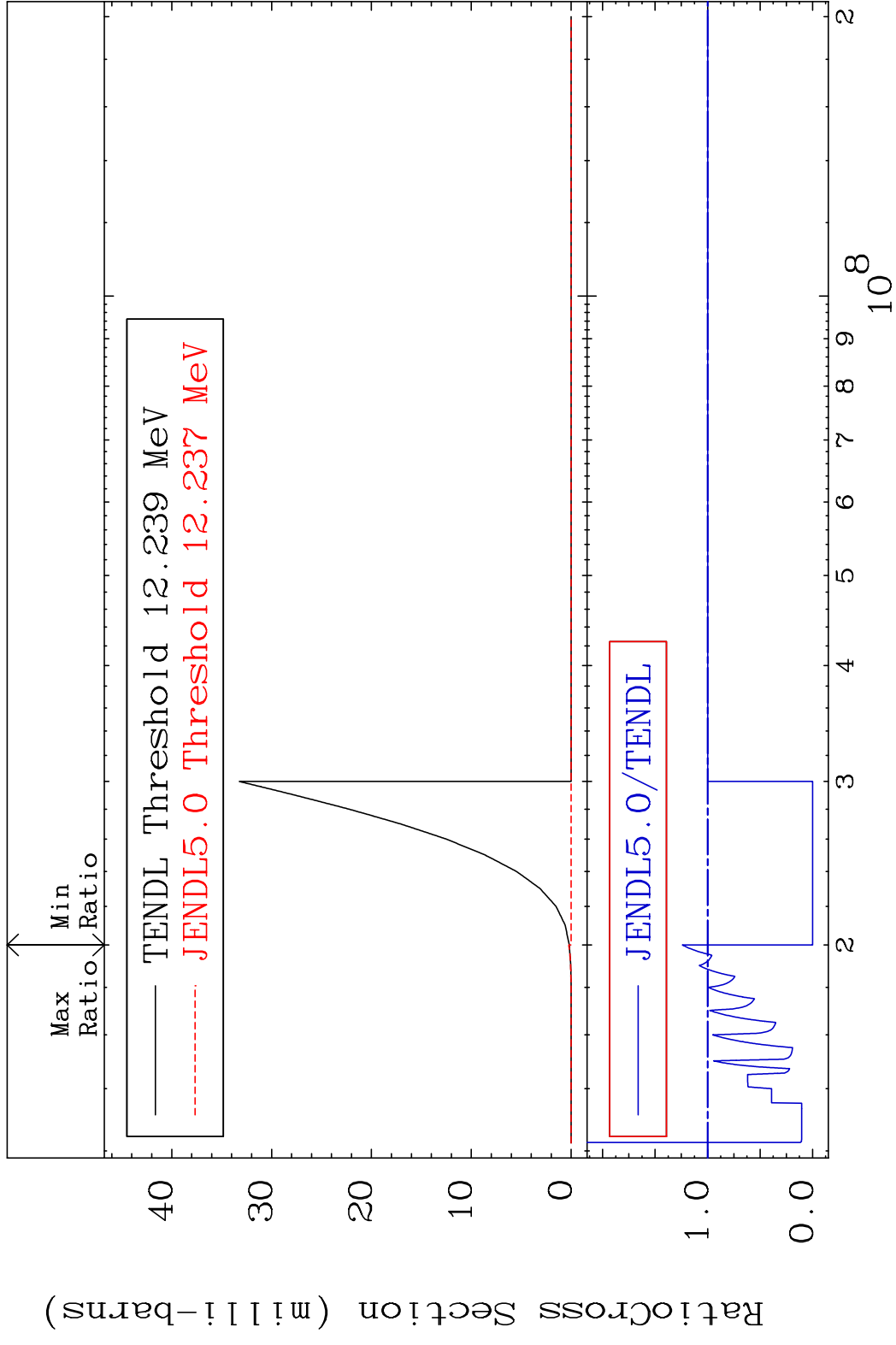


MAT 6928

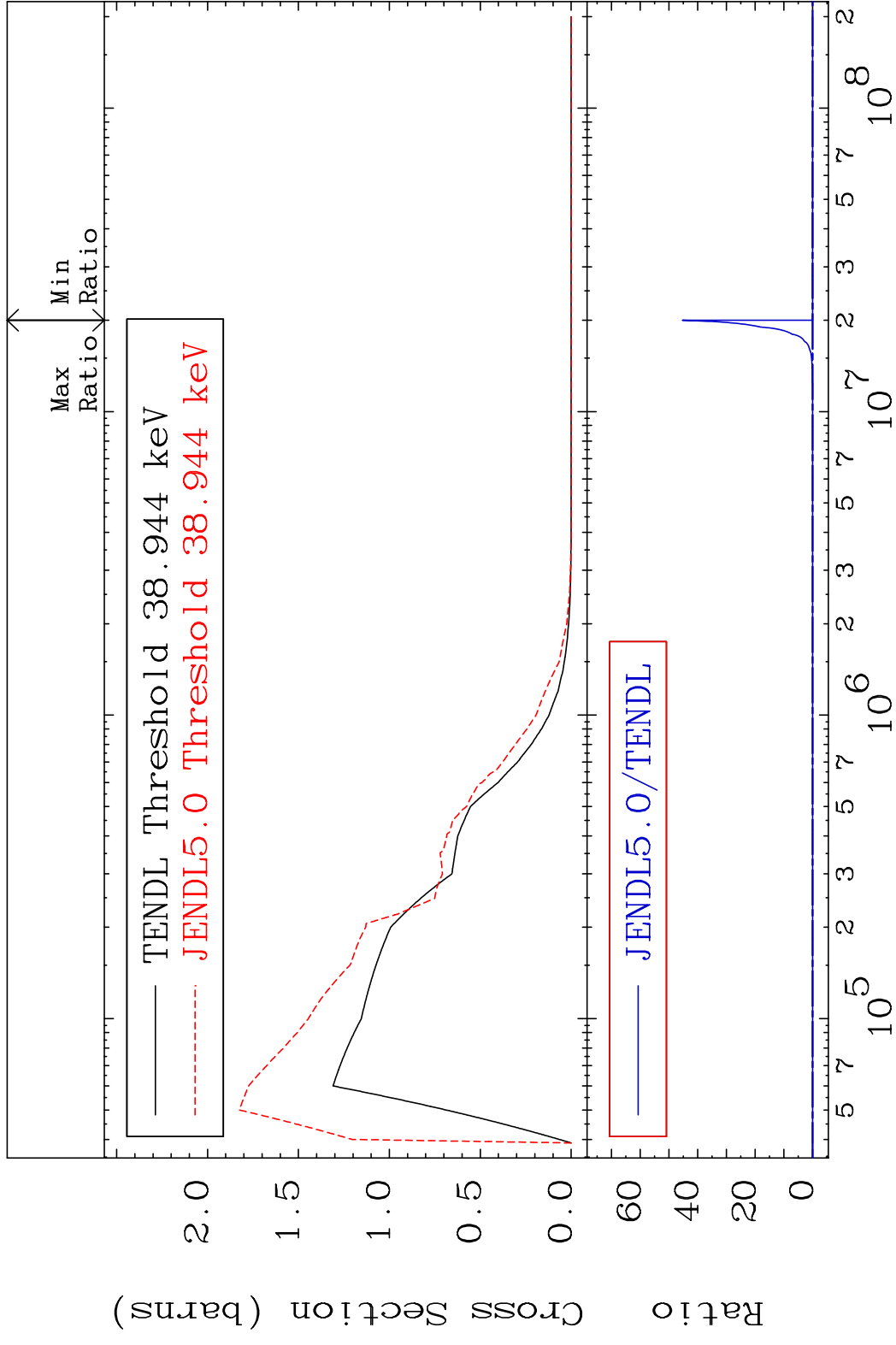
(n,2n) p

69-Tm-170

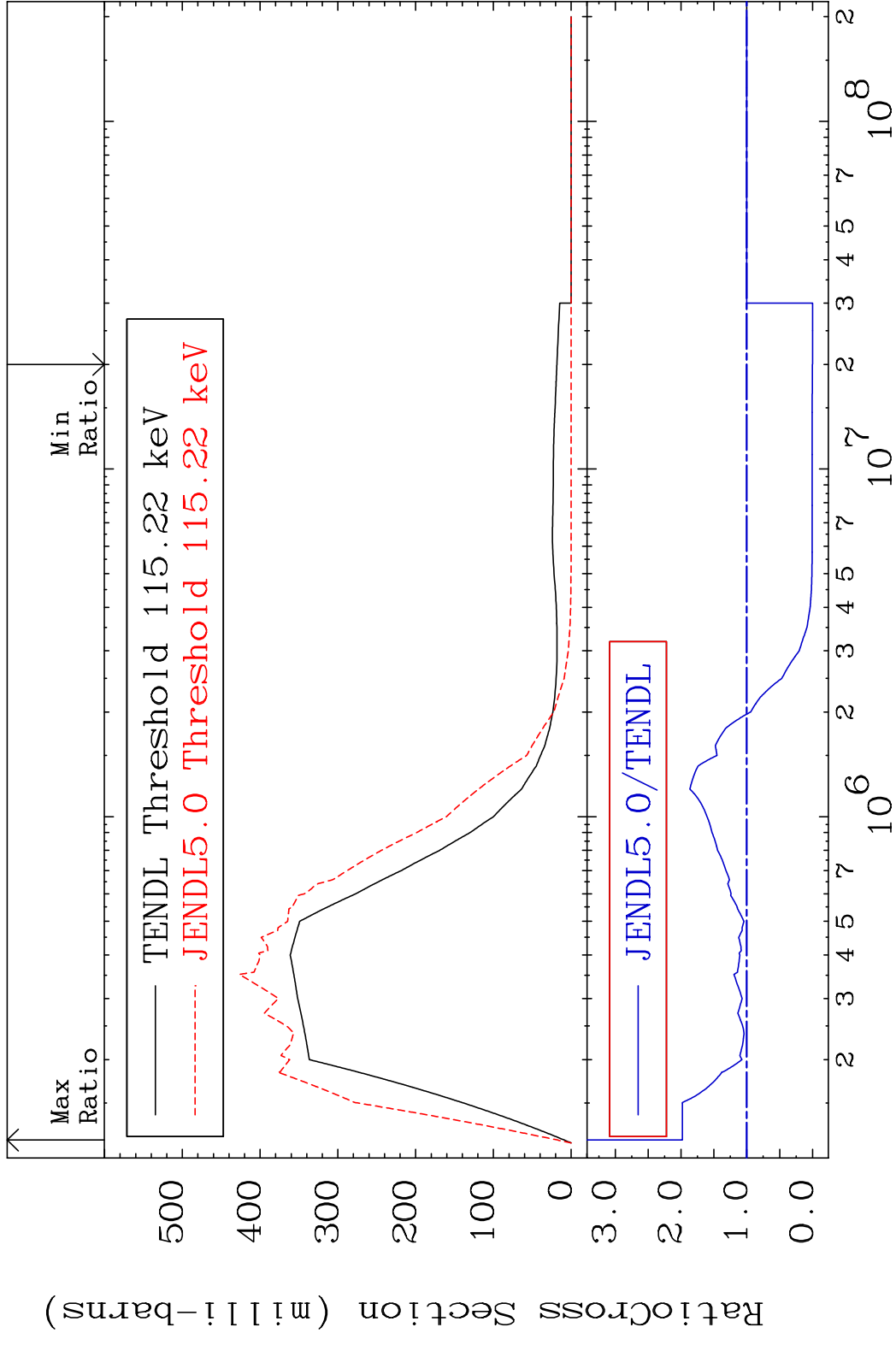
Cross Section -100.0 To 24.04 %



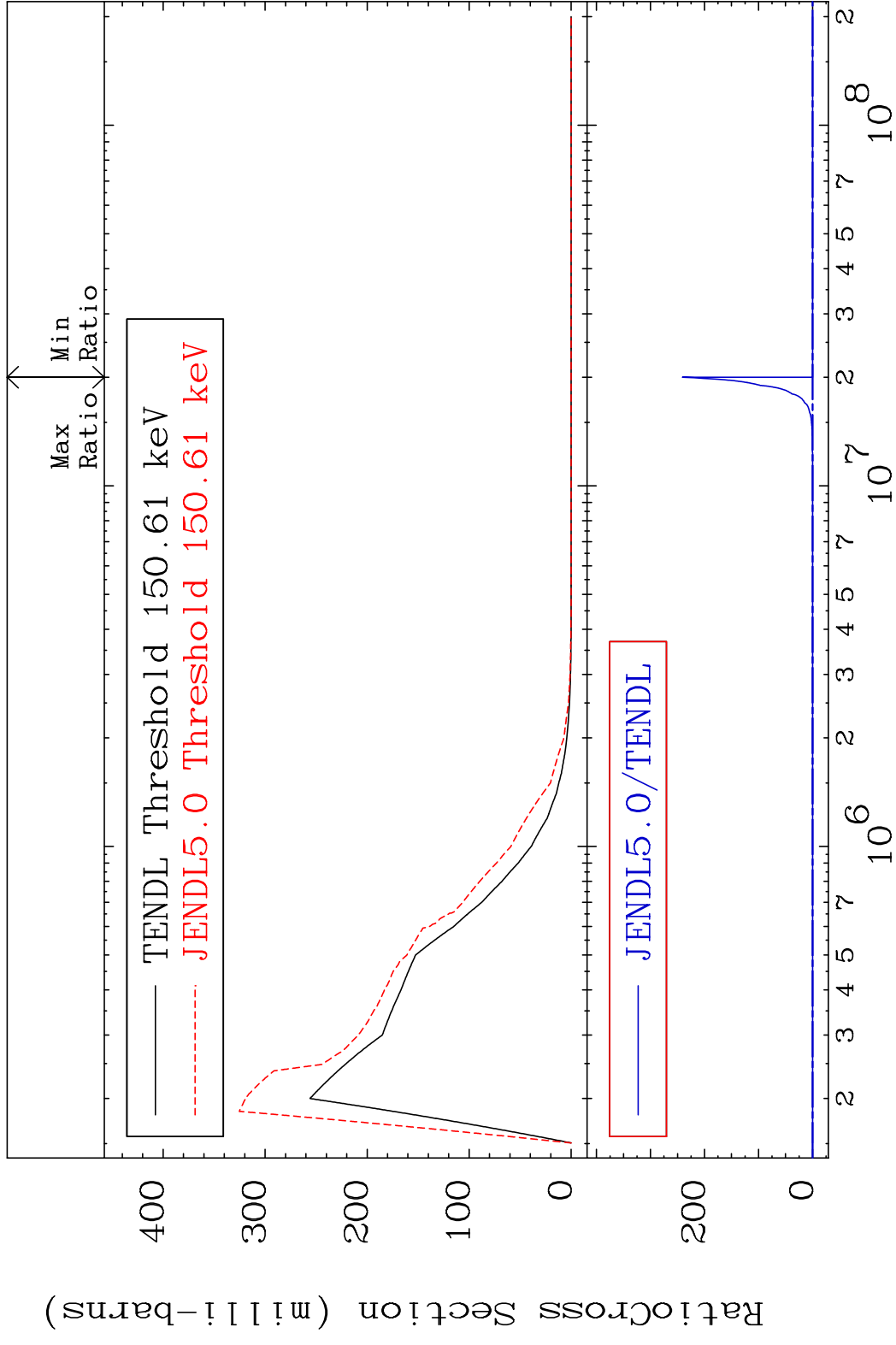
MAT 6928 MT= 51 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 9999. %



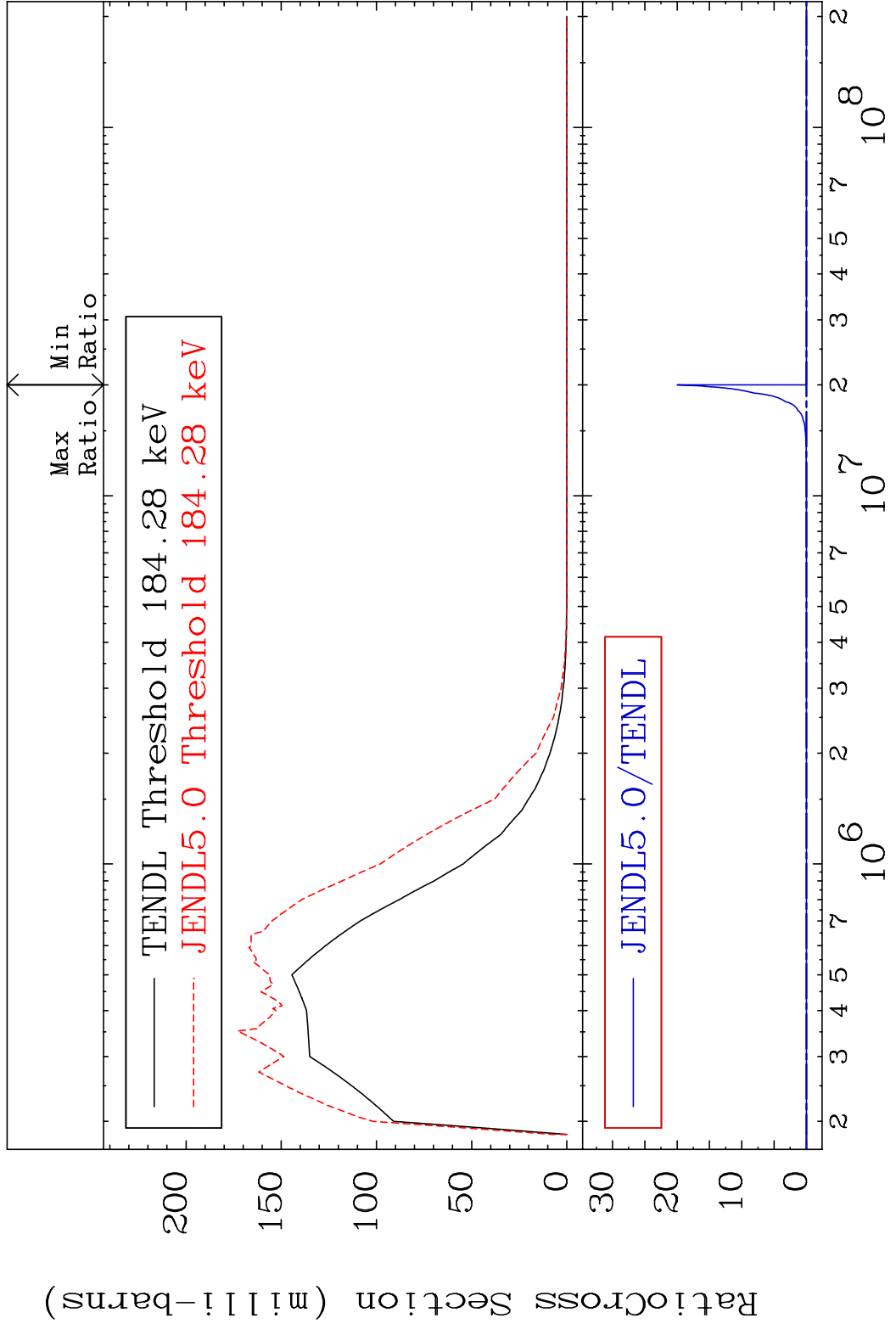
MAT 6928 MT= 52 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 97.97 %



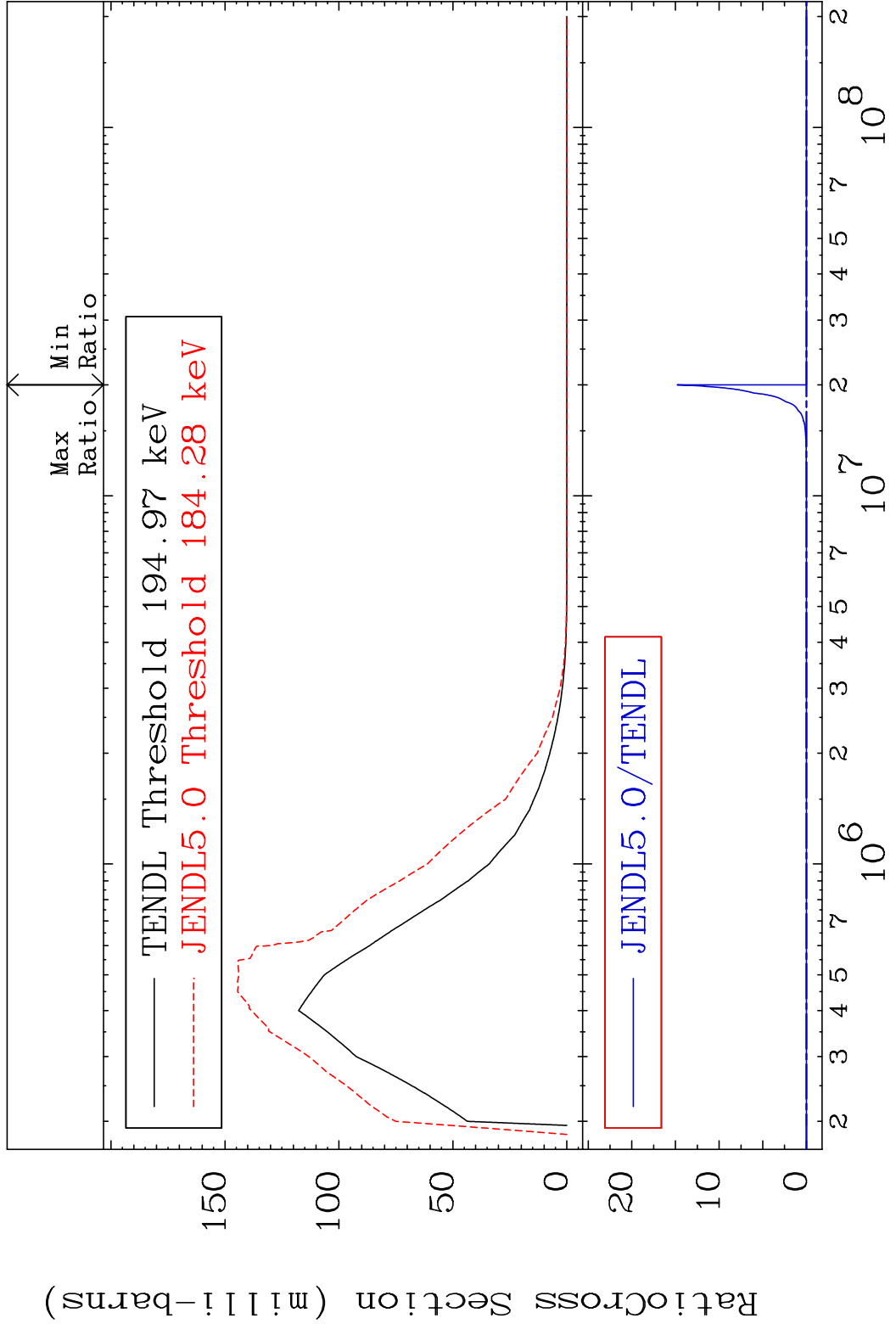
MAT 6928 MT= 53 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 9999. %



MAT 6928 MT= 54 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 9999. %

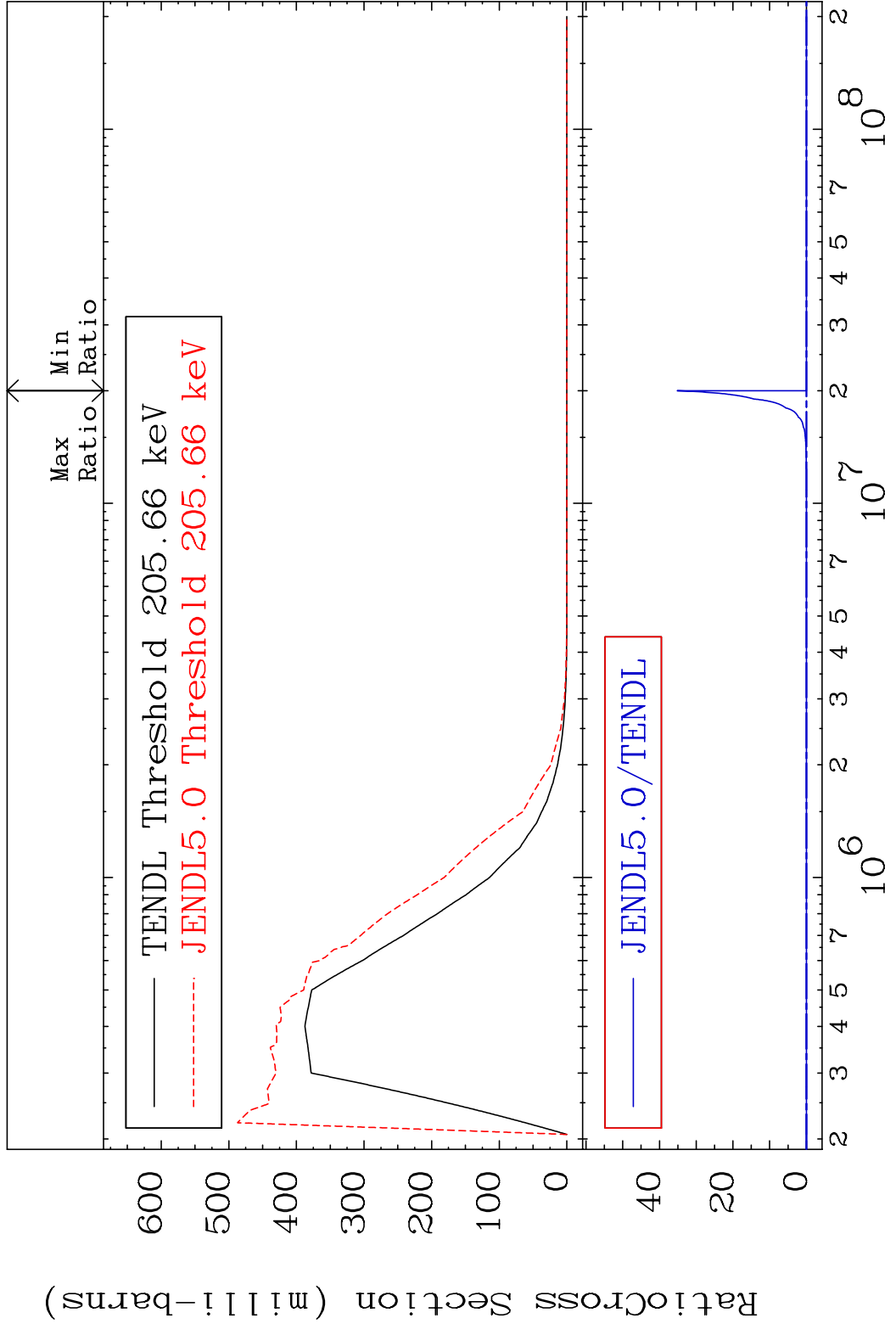


MAT 6928 MT= 55 (n,n') Level 69-Tm-170
 Cross Section -100.0 To 9999. %

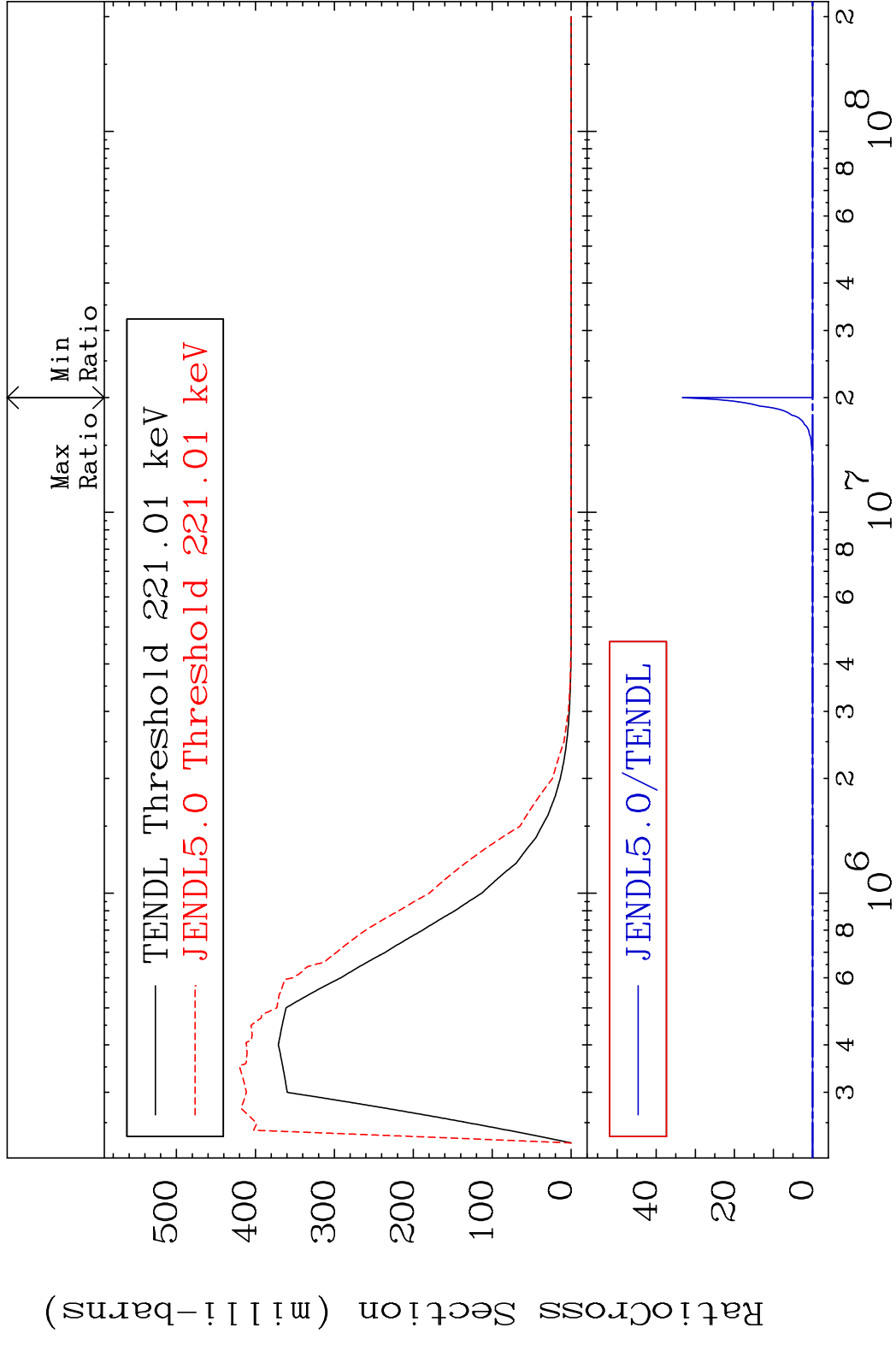


17 Incident Energy (eV) 69-Tm-170

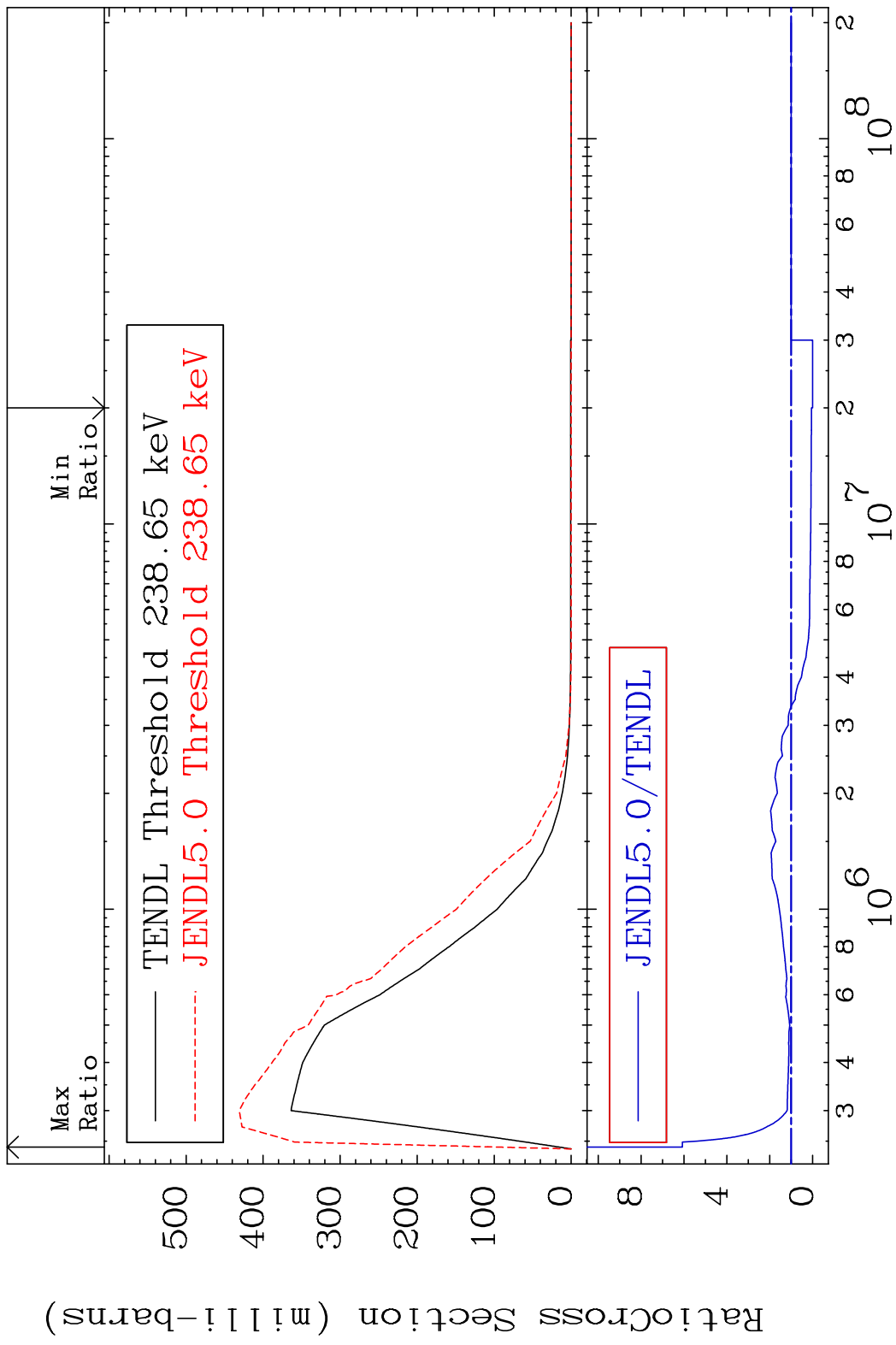
MAT 6928 MT= 56 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 9999. %



MAT 6928 MT= 57 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 9999. %

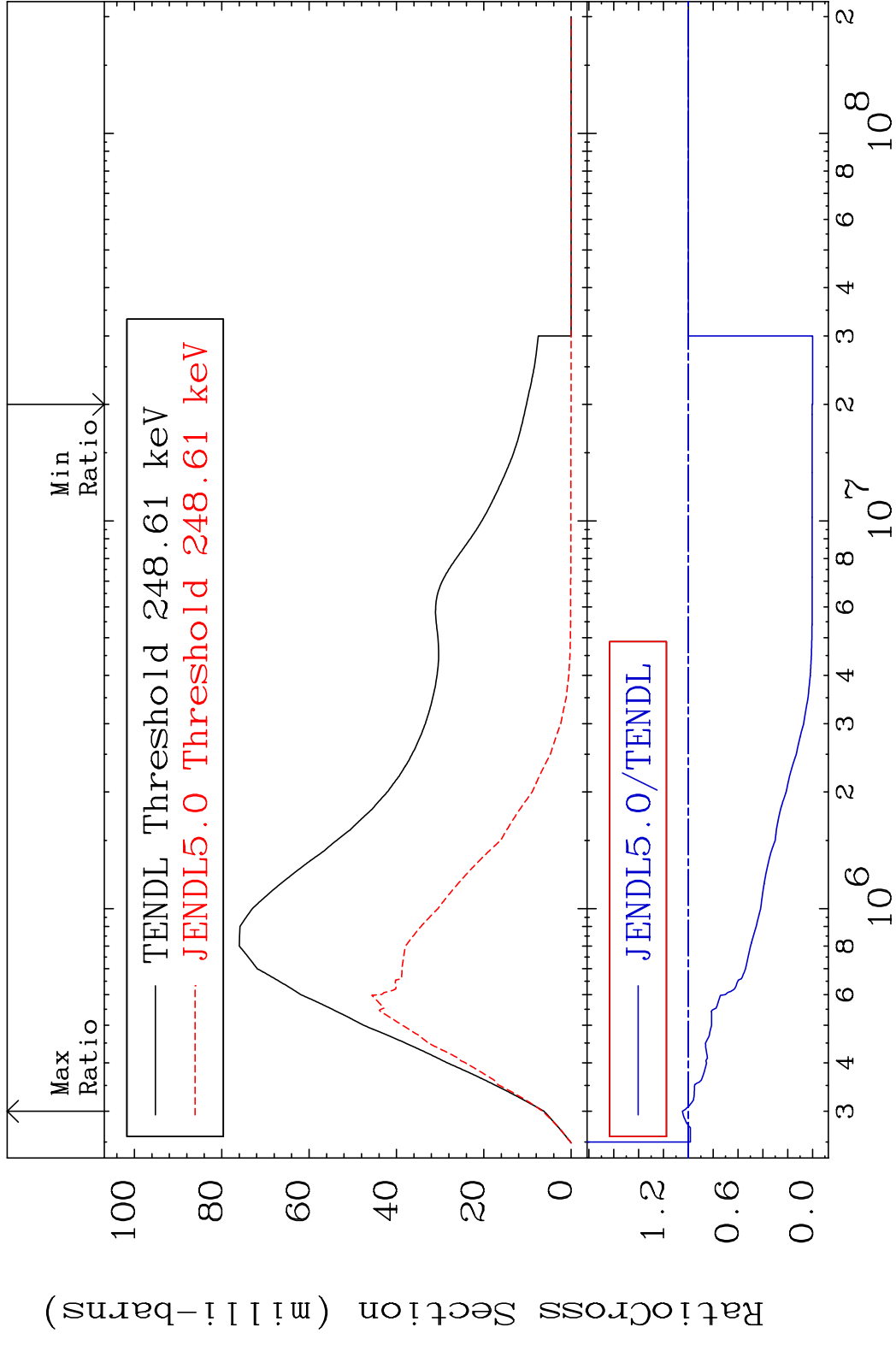


MAT 6928 MT= 58 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 507.4 %

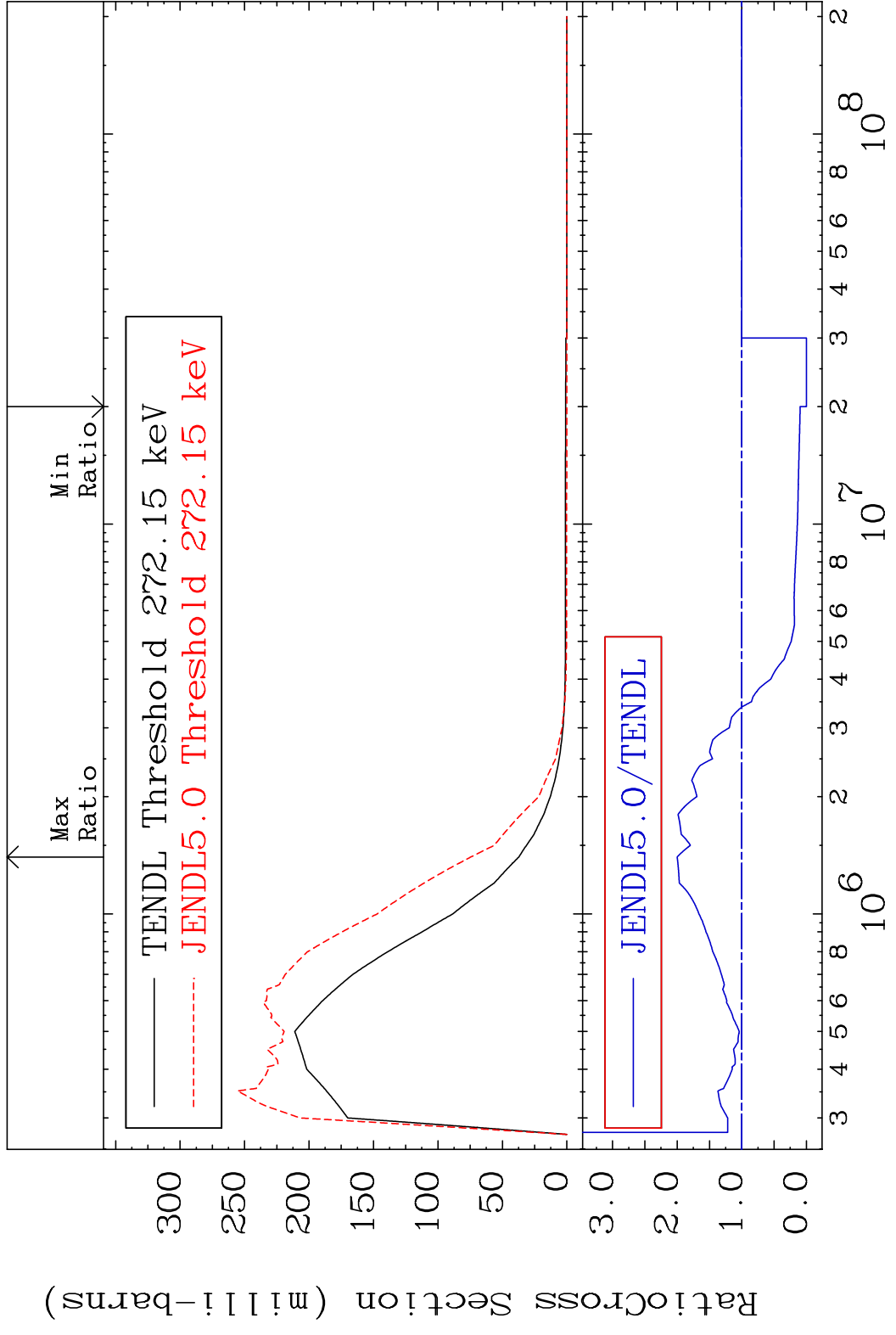


20 Incident Energy (eV) 69-Tm-170

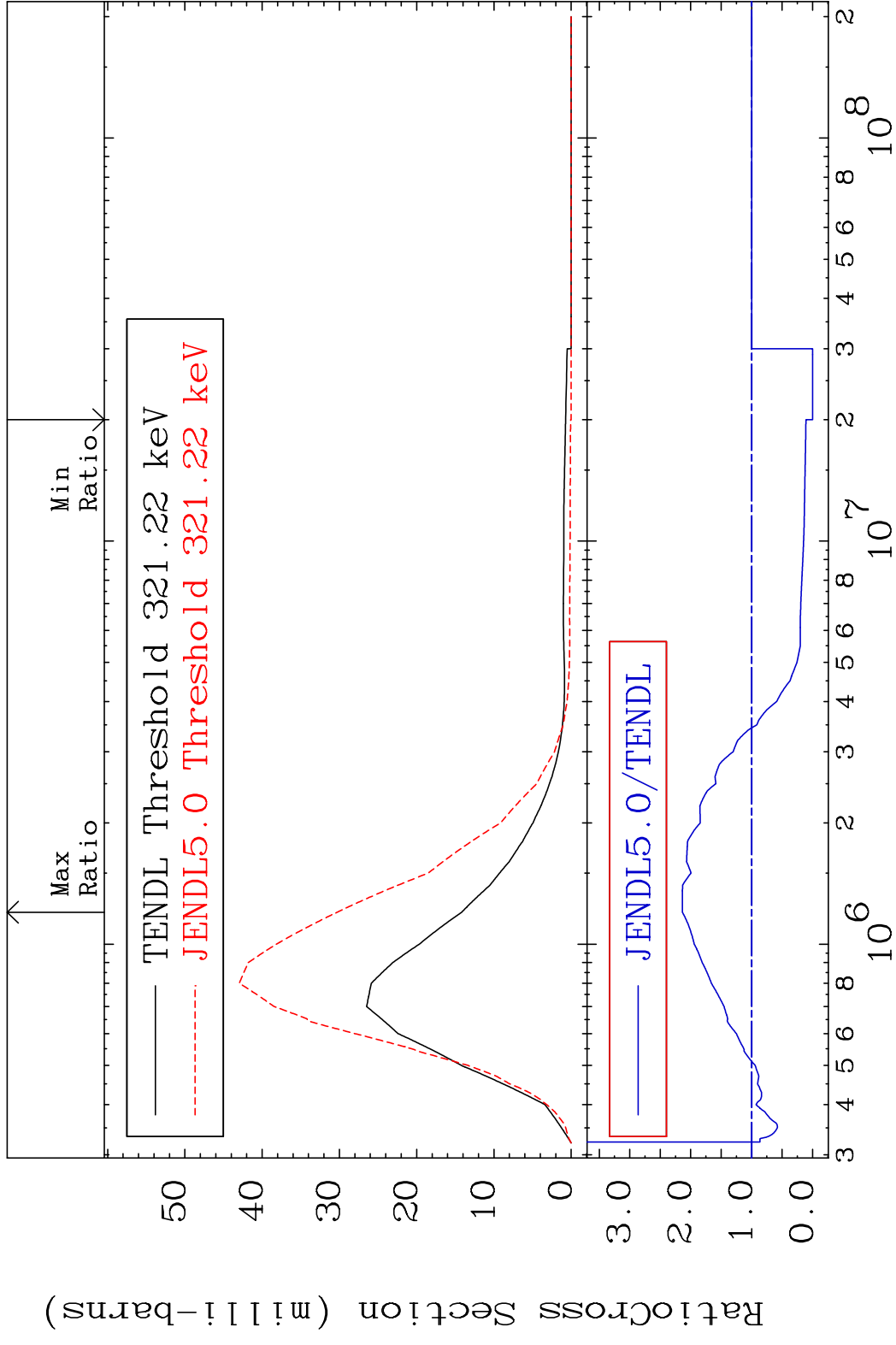
MAT 6928 MT= 59 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 4.811 %



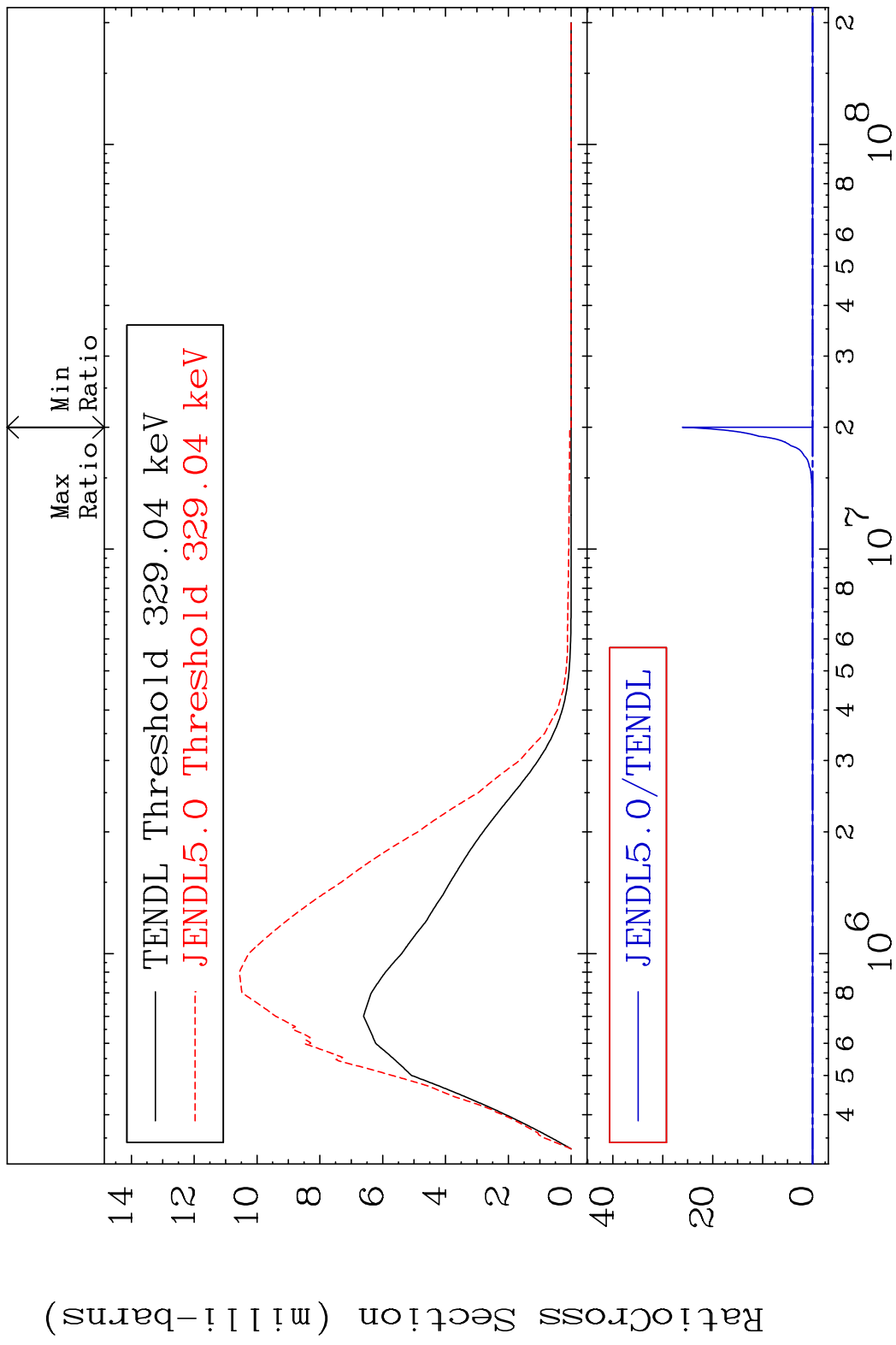
MAT 6928 MT= 60 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 99.97 %



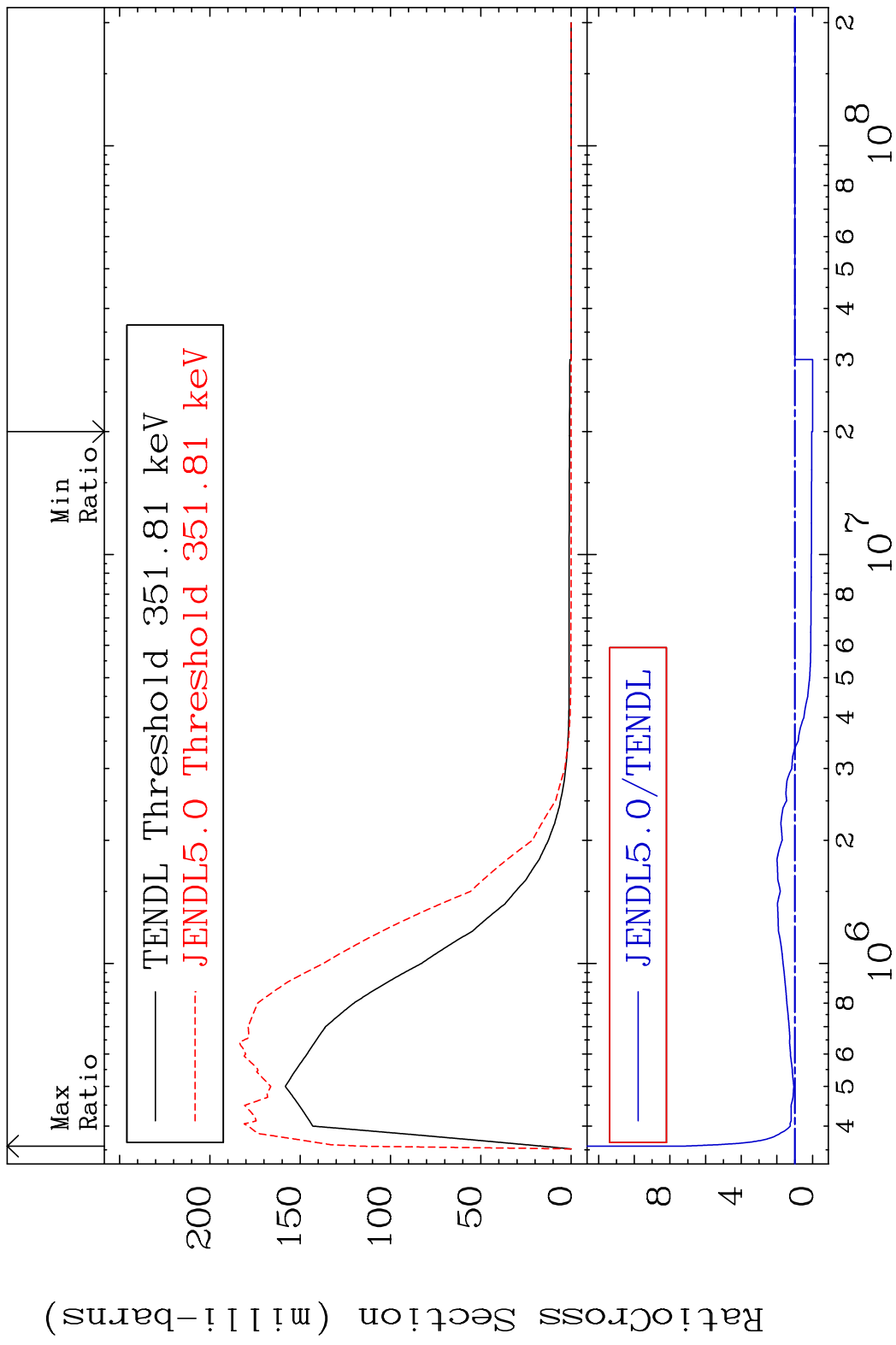
MAT 6928 MT= 61 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 113.7 %



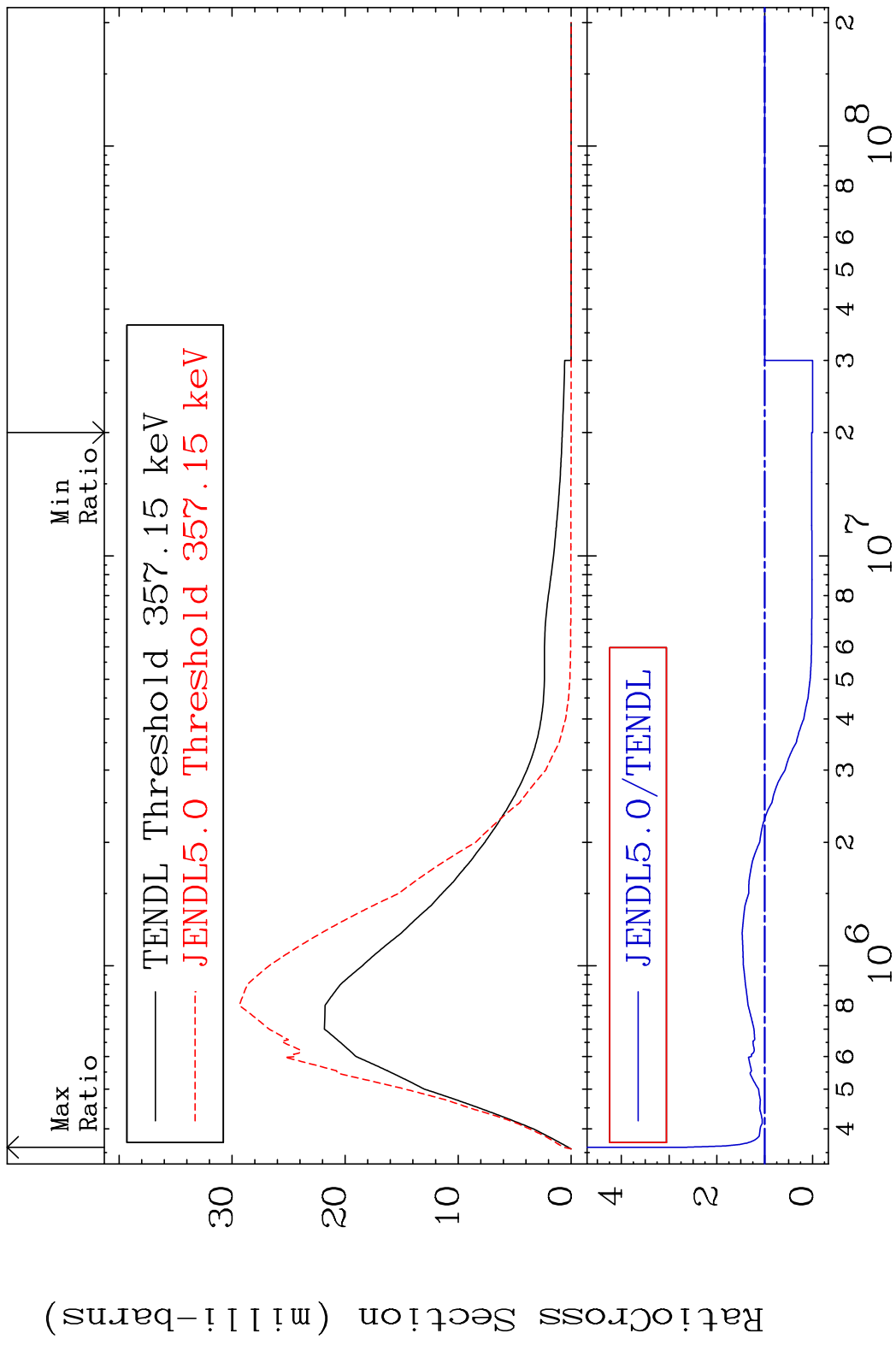
MAT 6928 MT= 62 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 9999. %



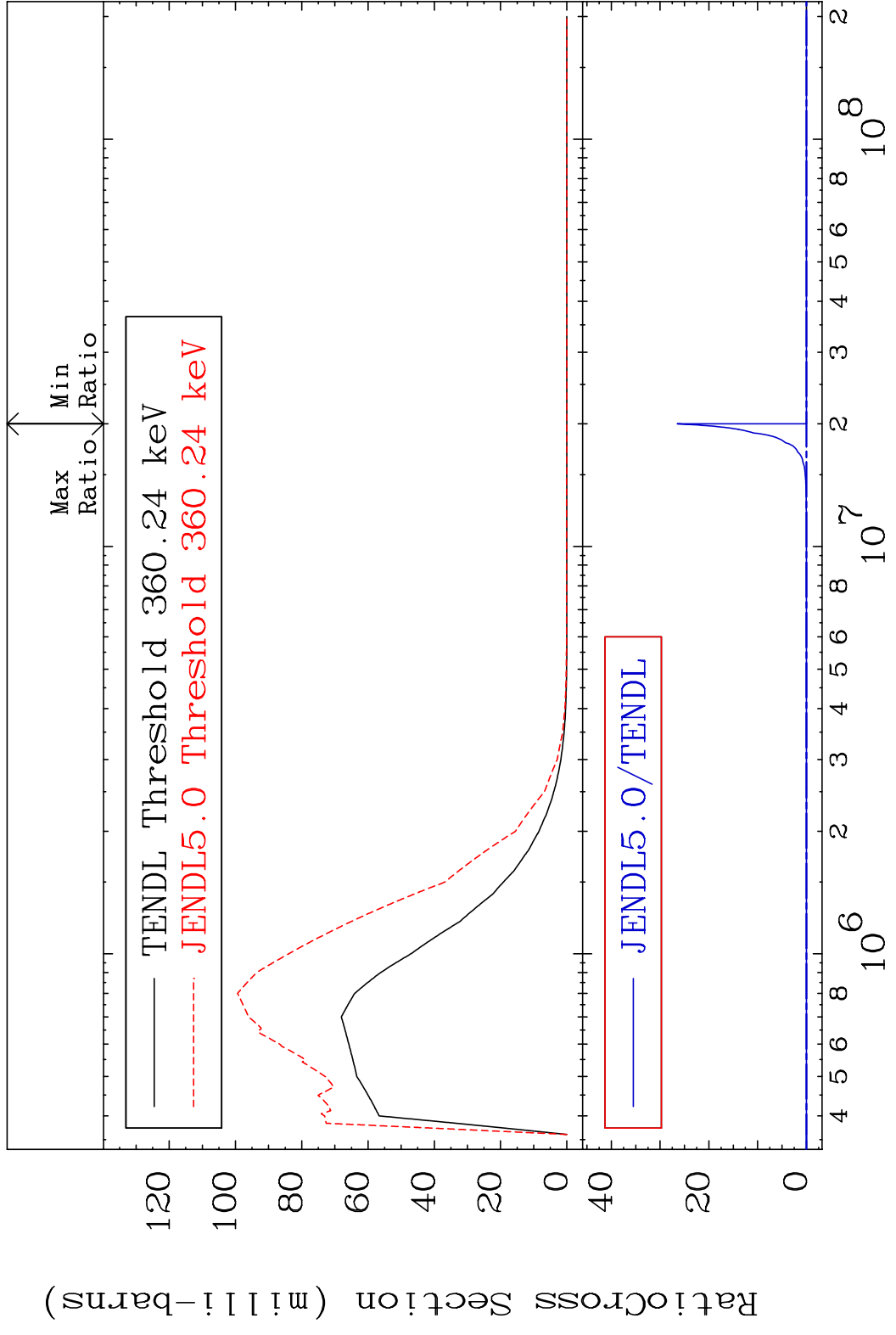
MAT 6928 MT= 63 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 630.3 %



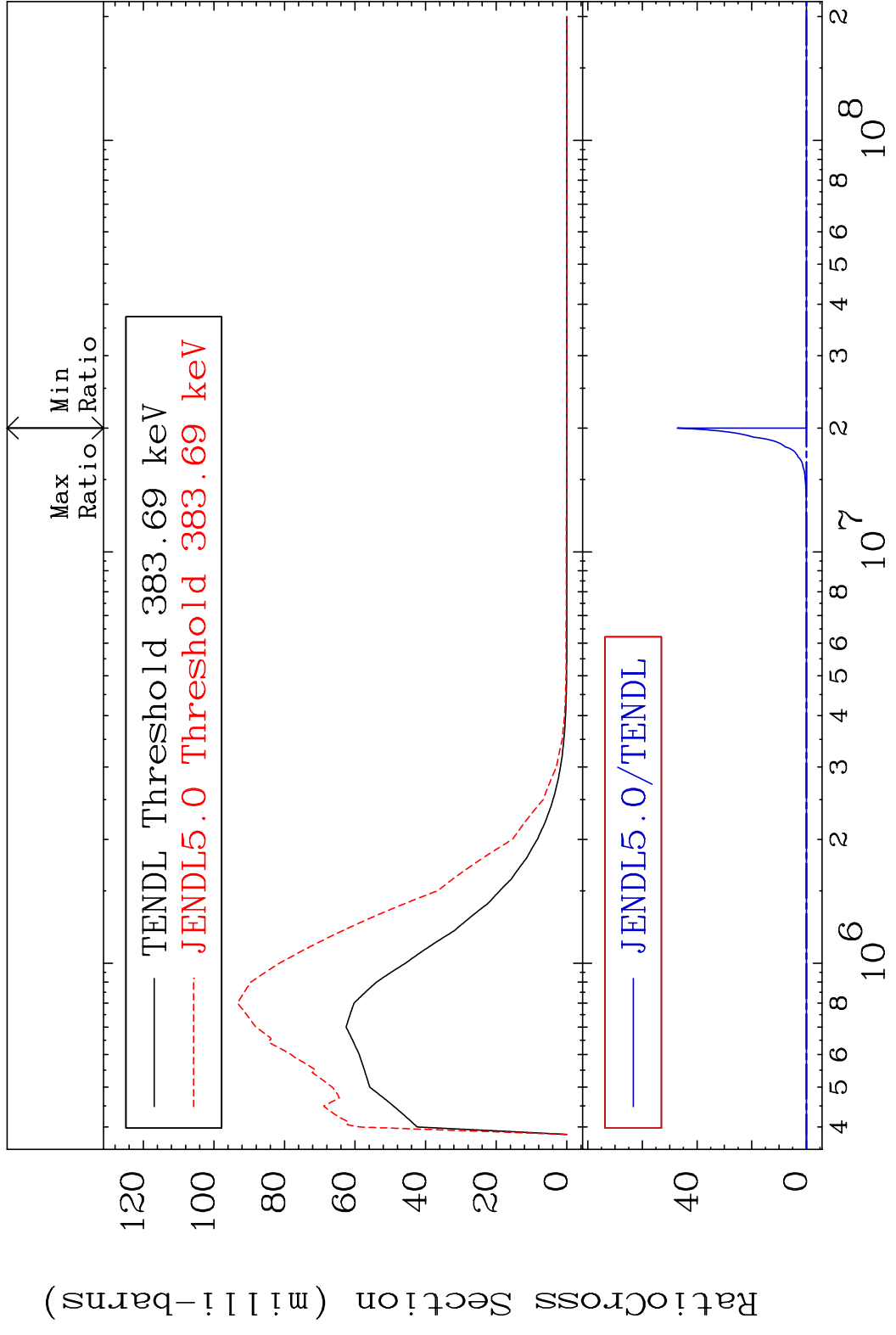
MAT 6928 MT= 64 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 172.3 %



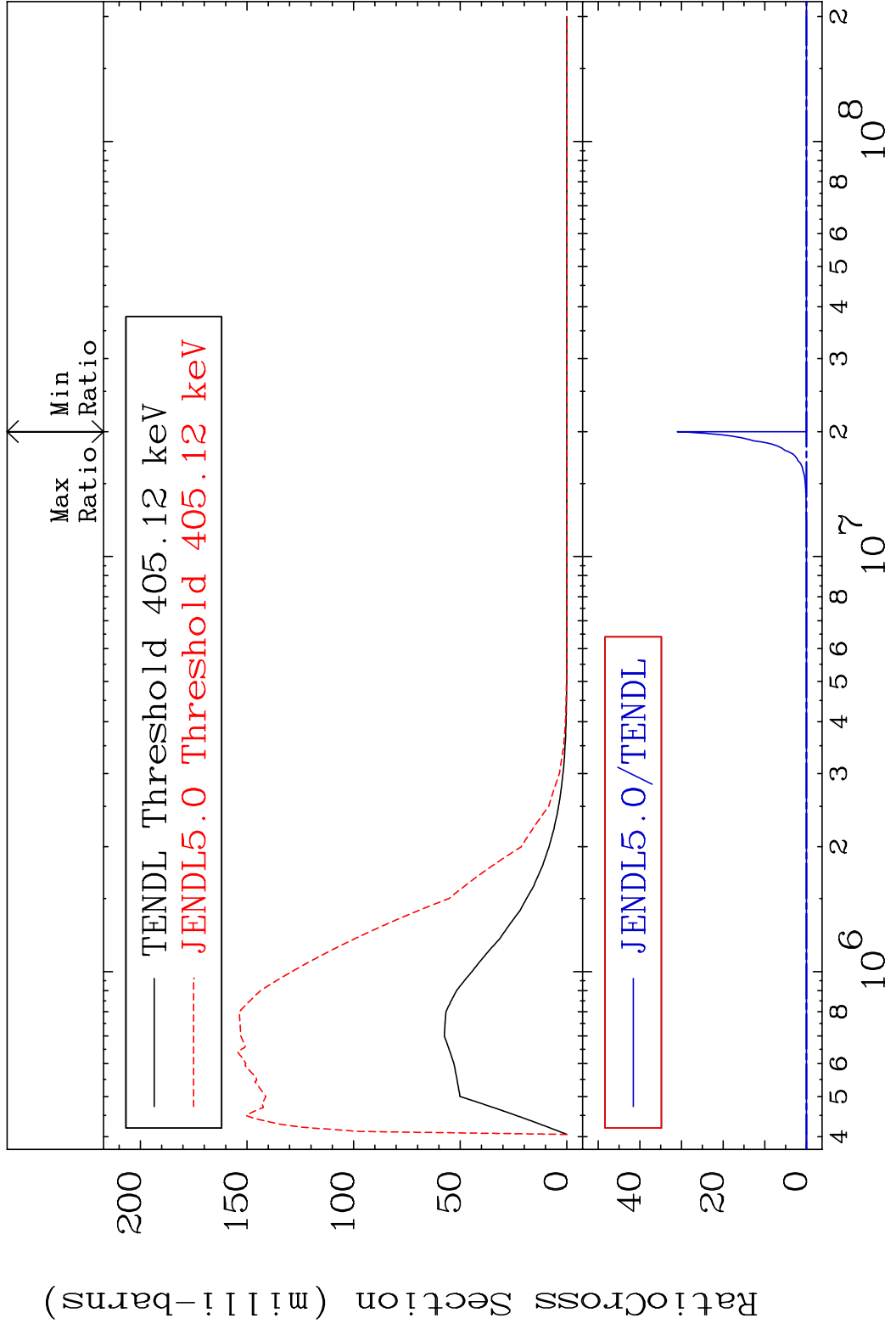
MAT 6928 MT= 65 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 9999. %



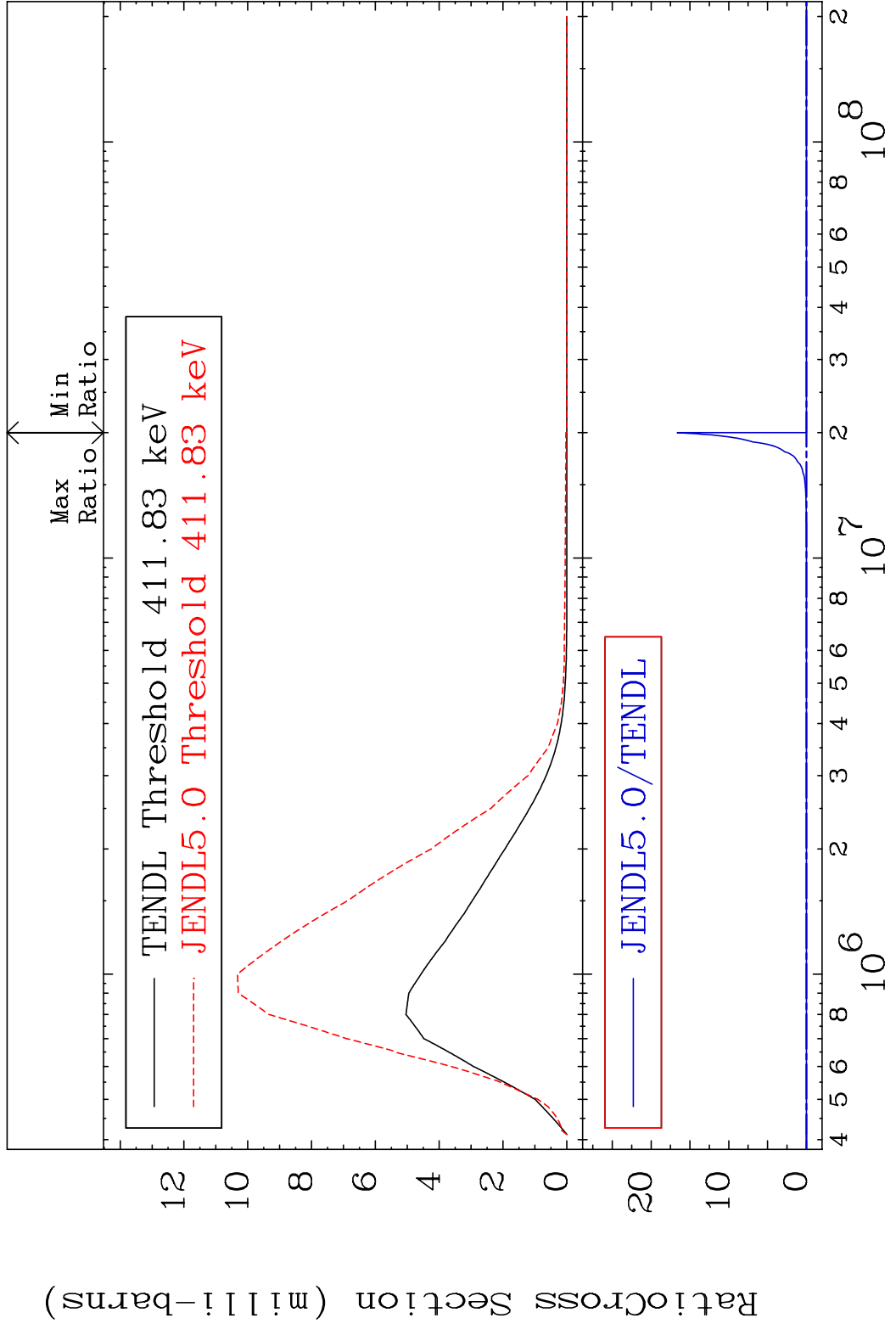
MAT 6928 MT= 66 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 9999. %



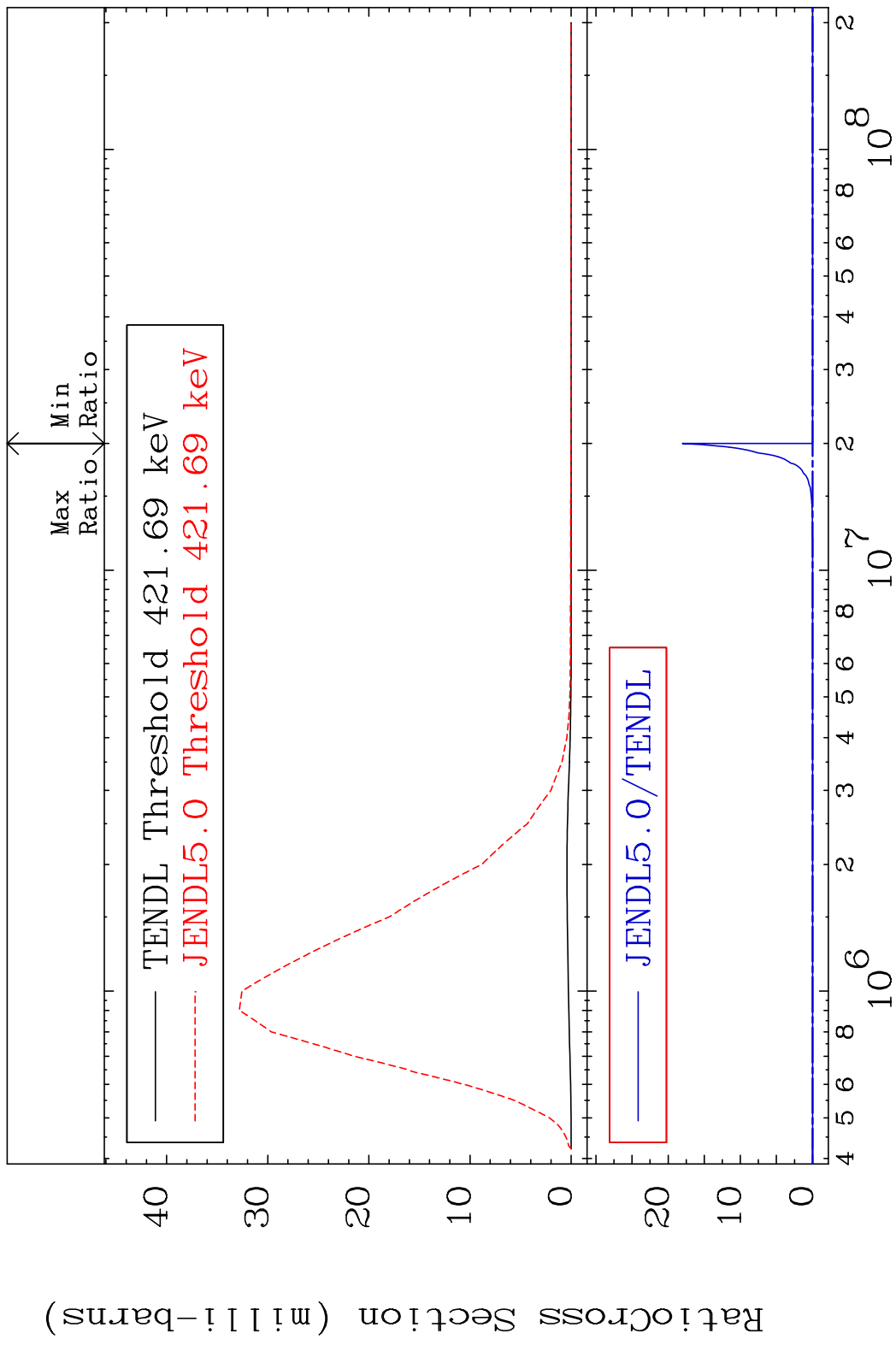
MAT 6928 MT= 67 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 9999. %



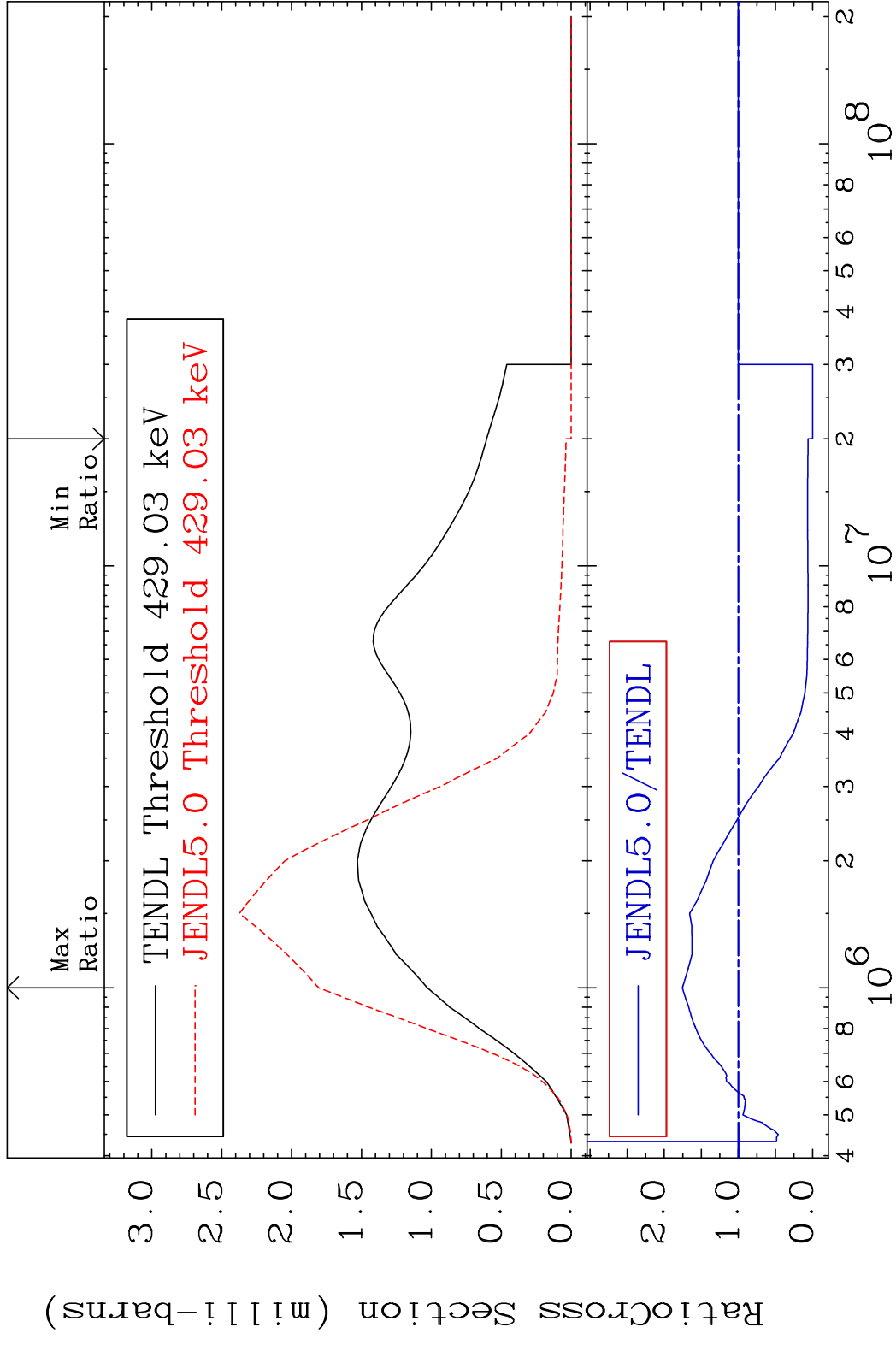
MAT 6928 MT= 68 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 9999. %



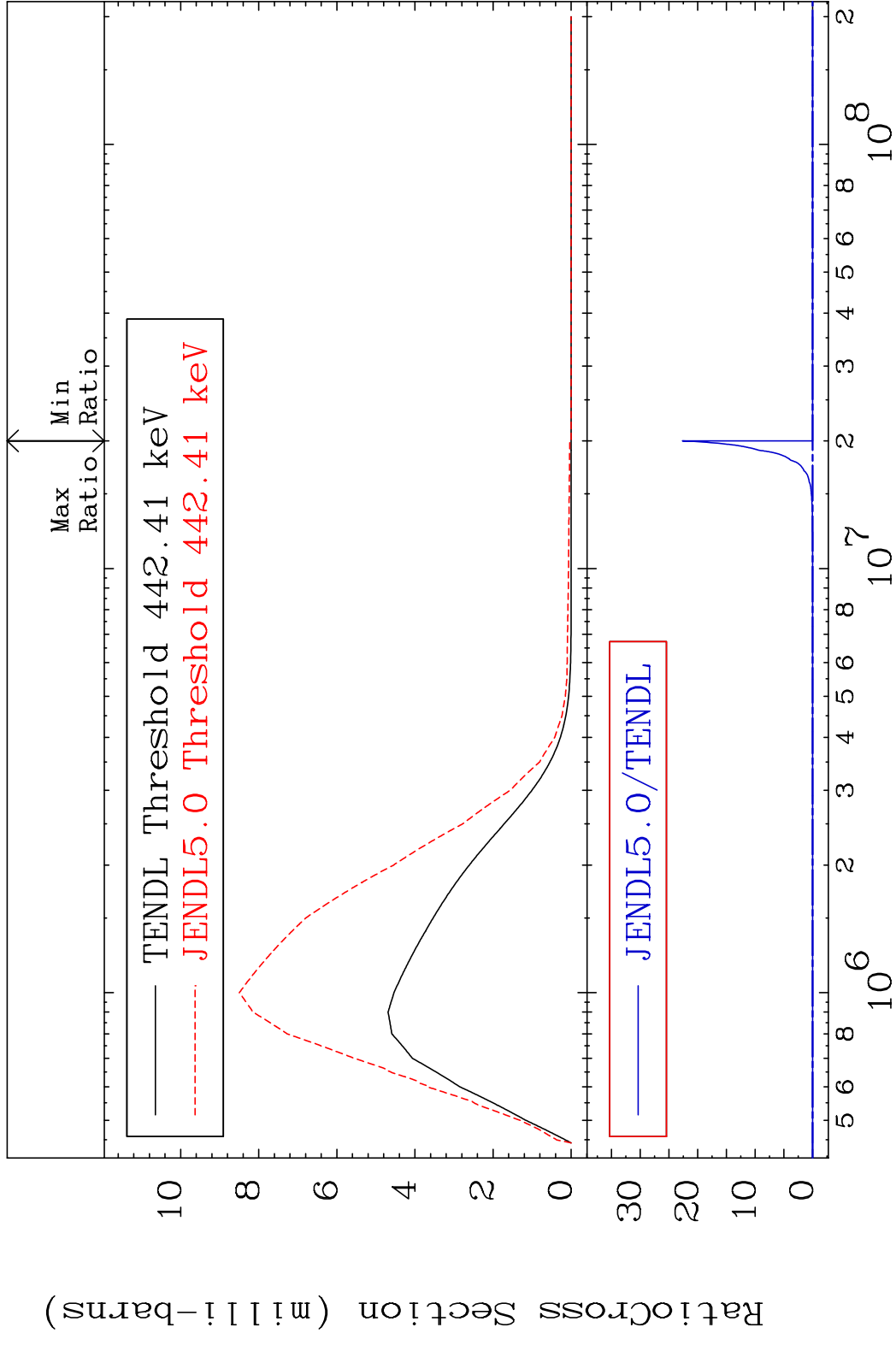
MAT 6928 MT= 69 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 9999. %



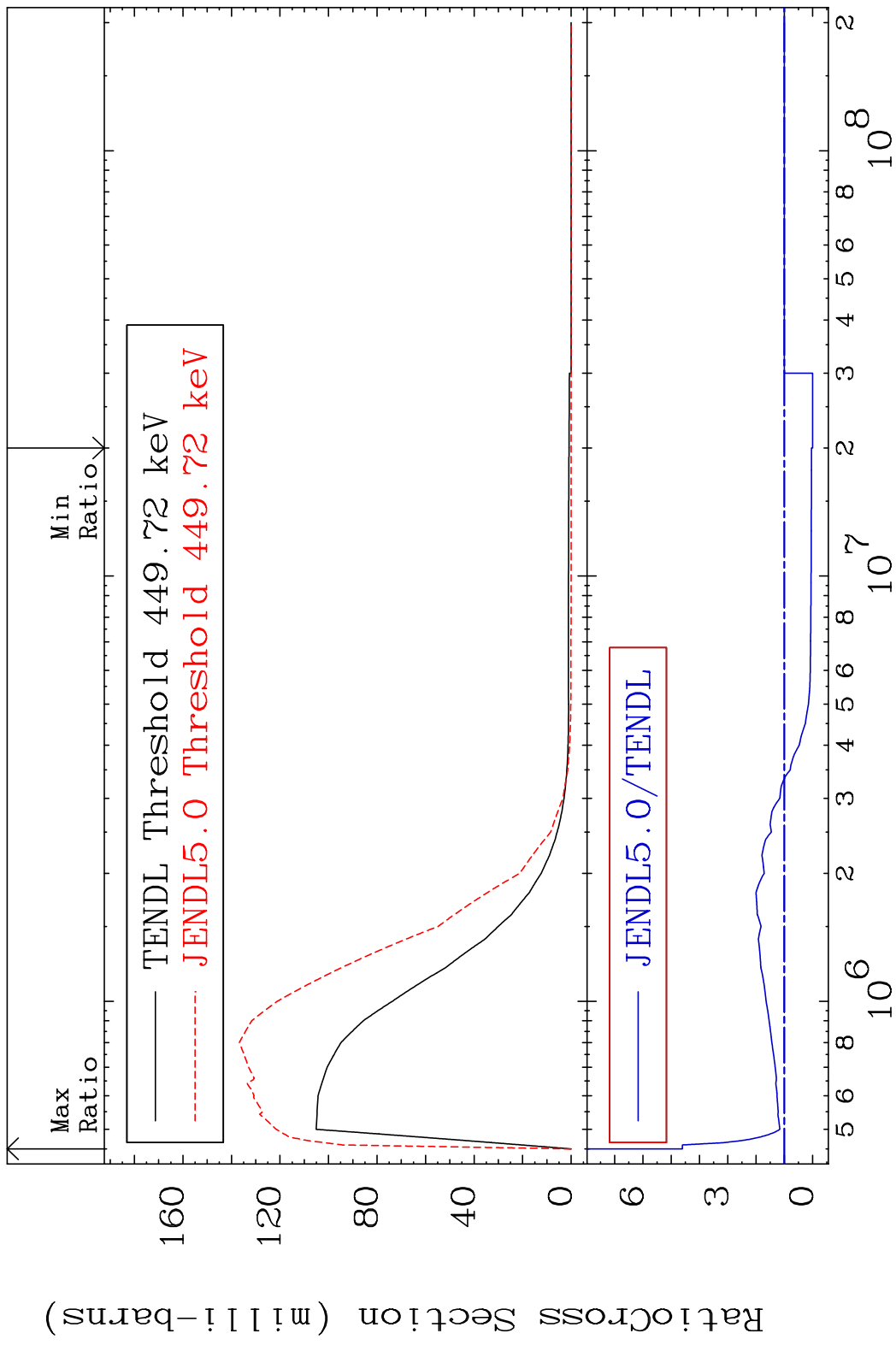
MAT 6928 MT= 70 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 75.51 %



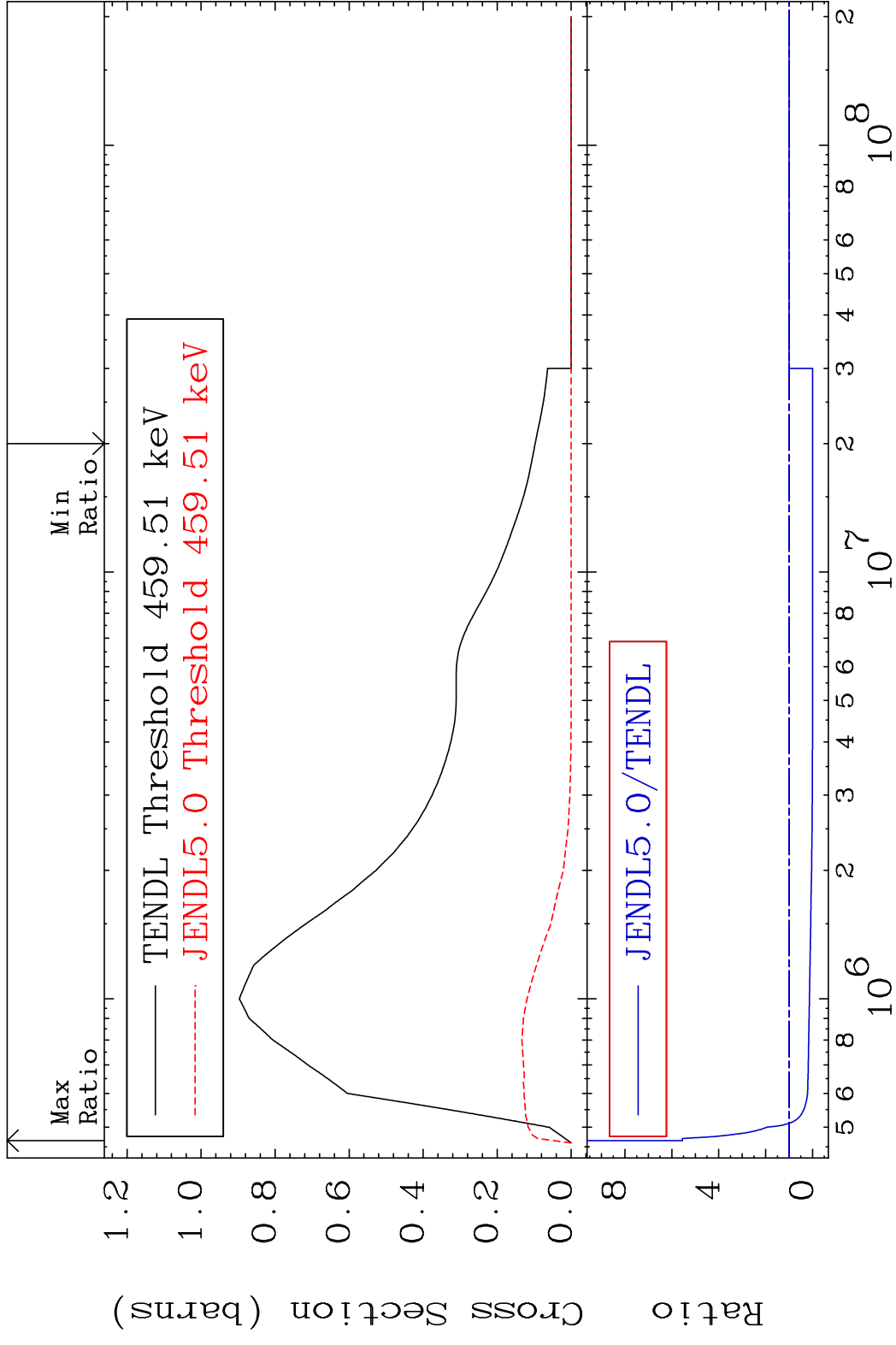
MAT 6928 MT= 71 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 9999. %



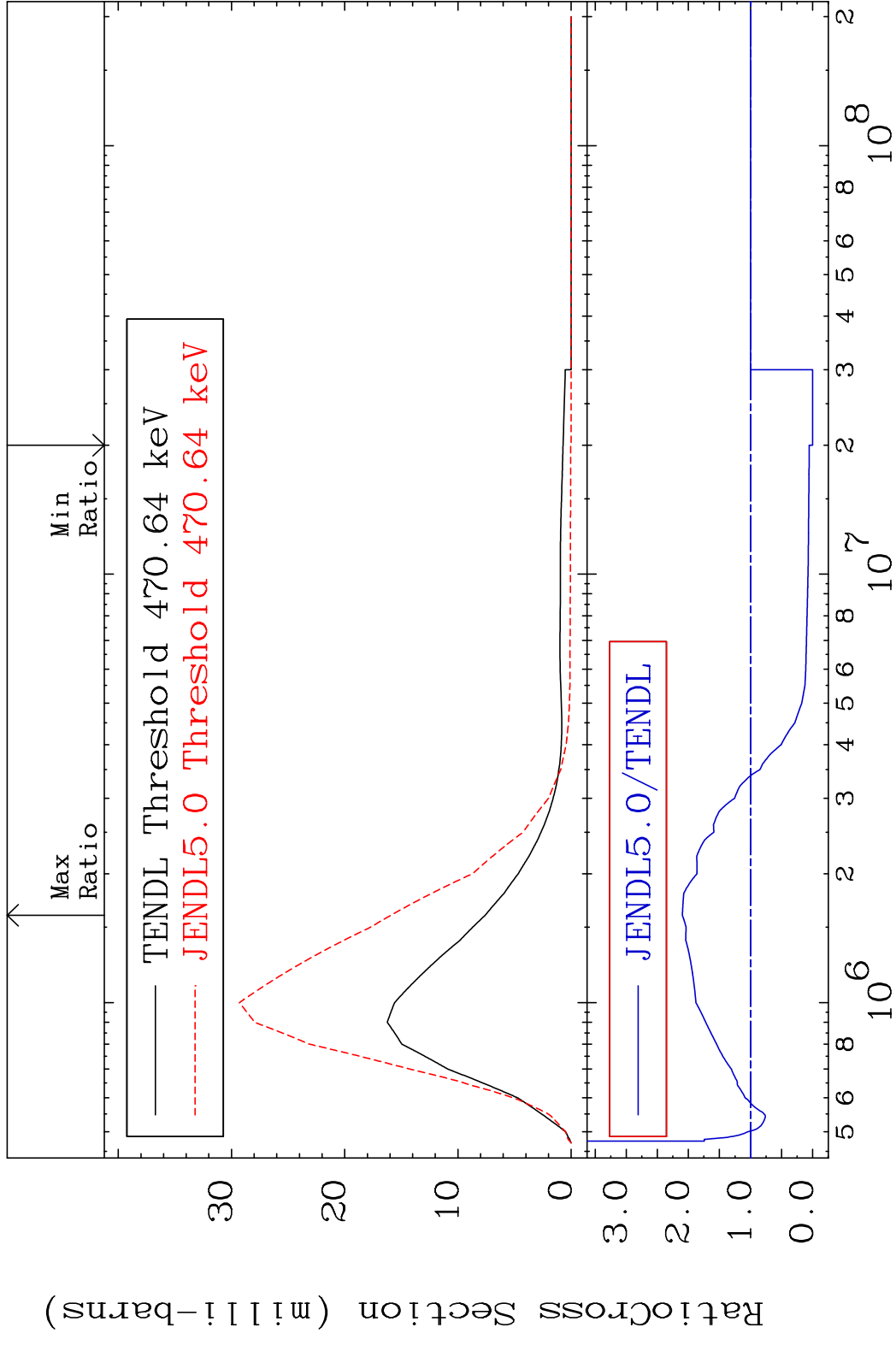
MAT 6928 MT= 72 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 360.6 %



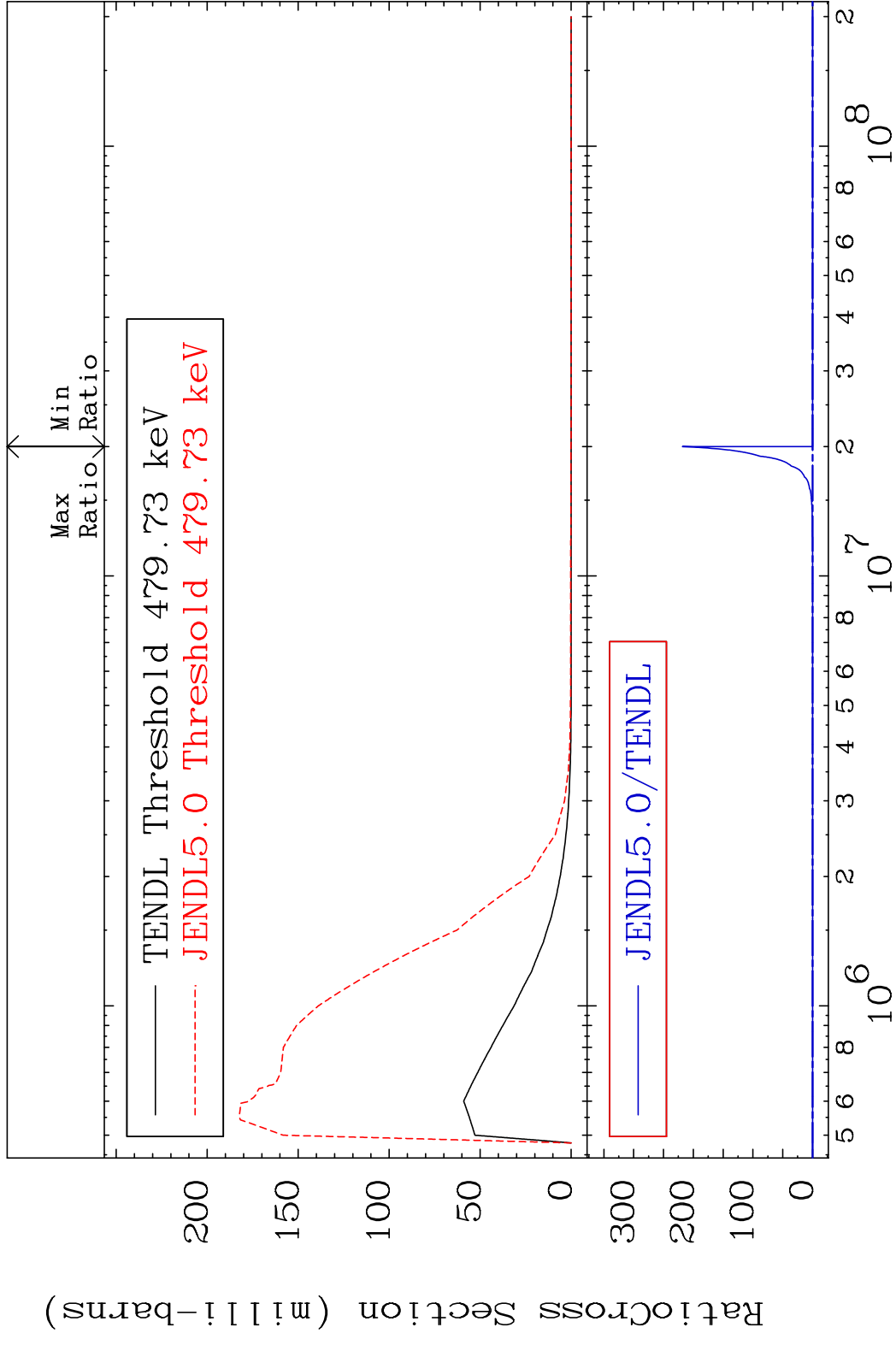
MAT 6928 MT= 73 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 455.2 %



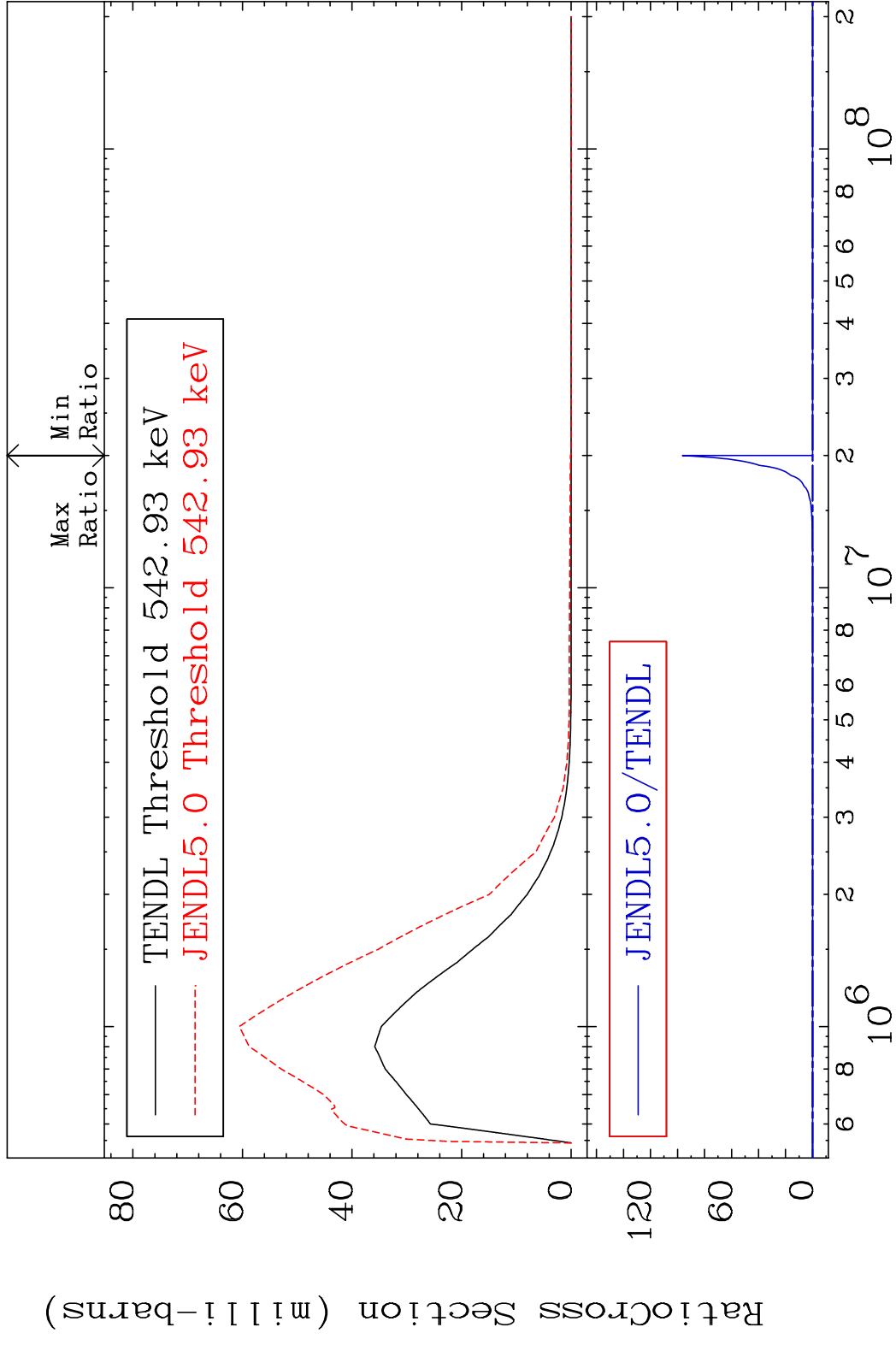
MAT 6928 MT= 74 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 109.7 %



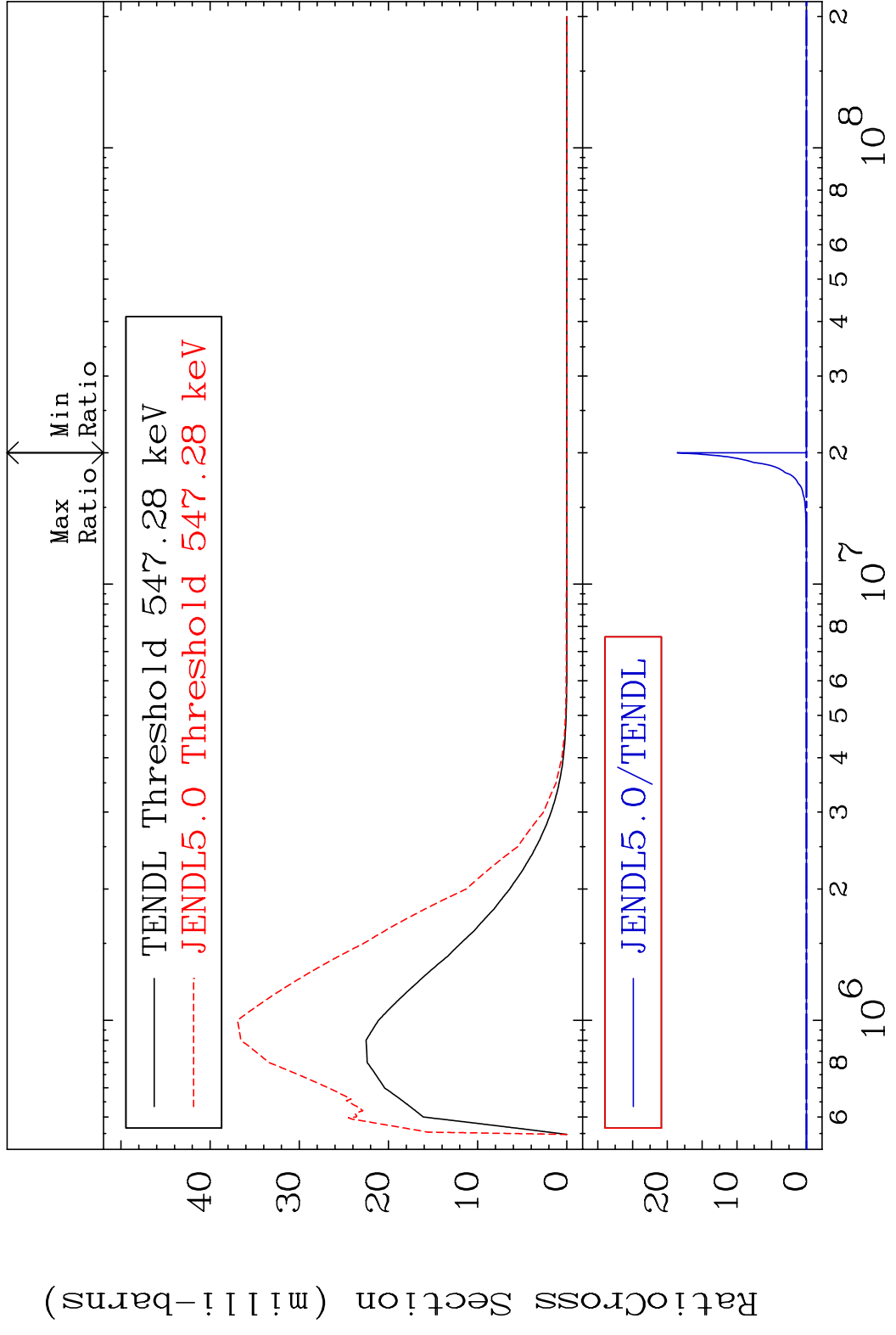
MAT 6928 MT= 75 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 9999. %



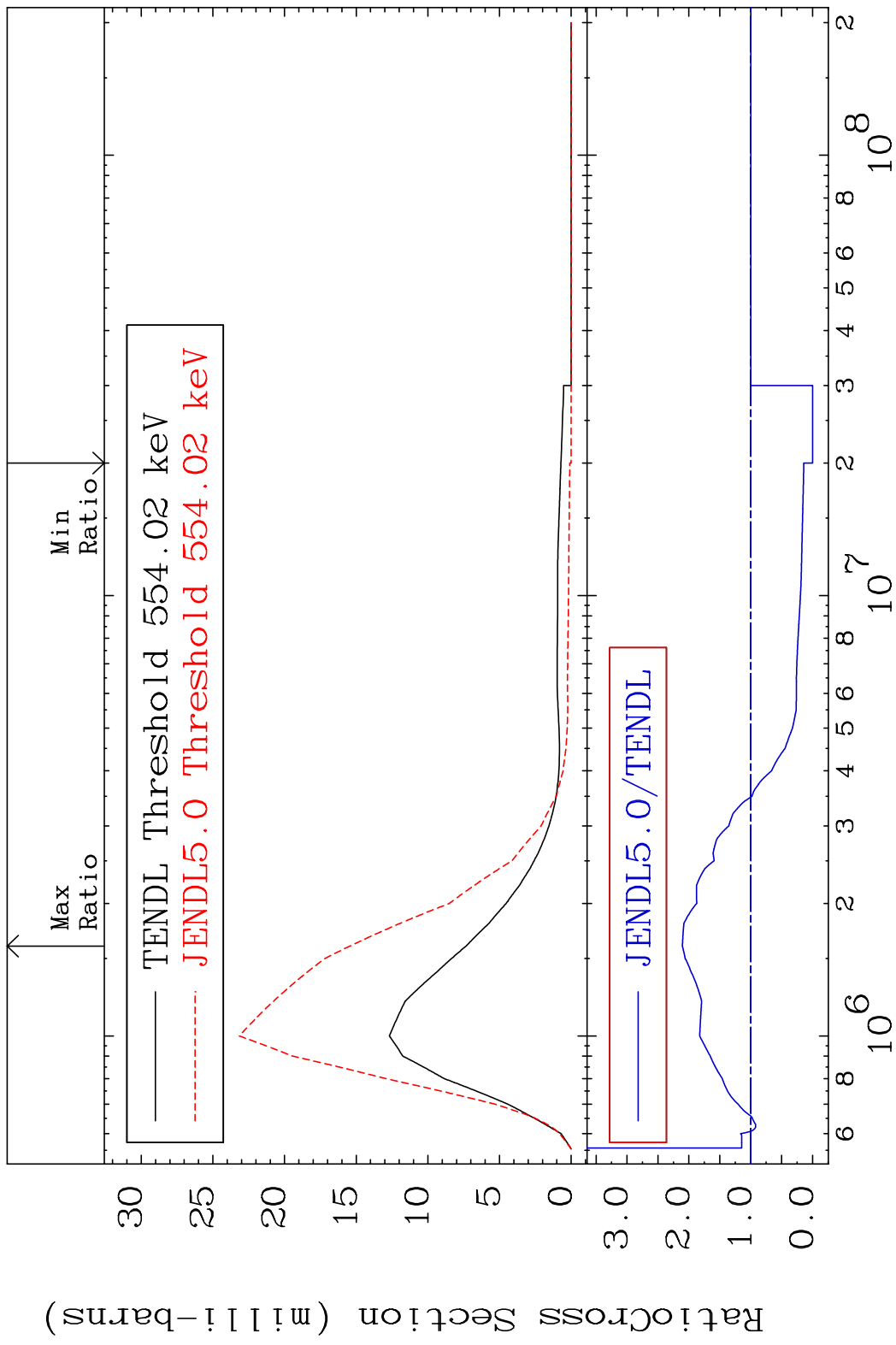
MAT 6928 MT= 76 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 9999. %



MAT 6928 MT= 77 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 9999. %

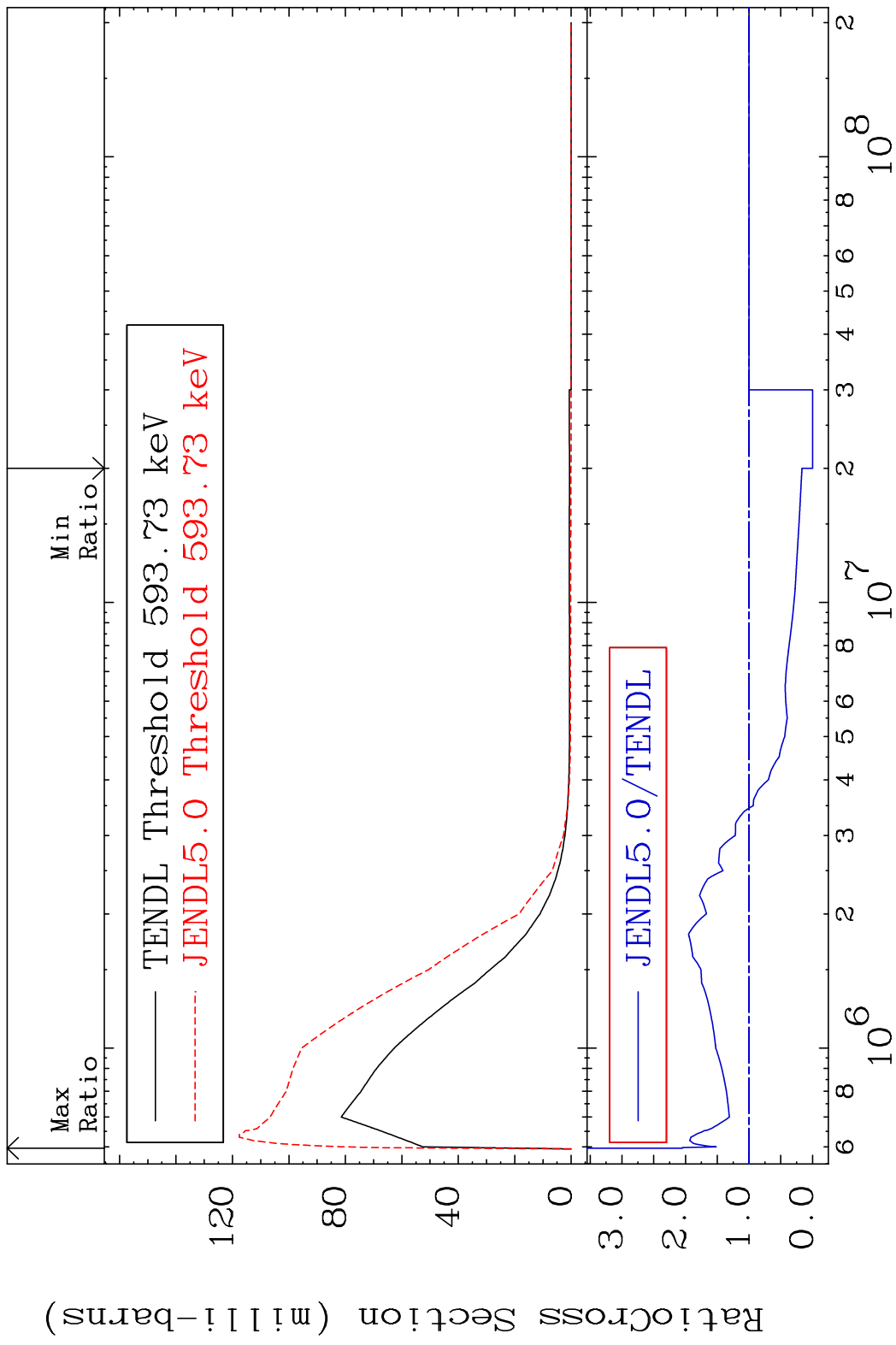


MAT 6928 MT= 78 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 110.5 %

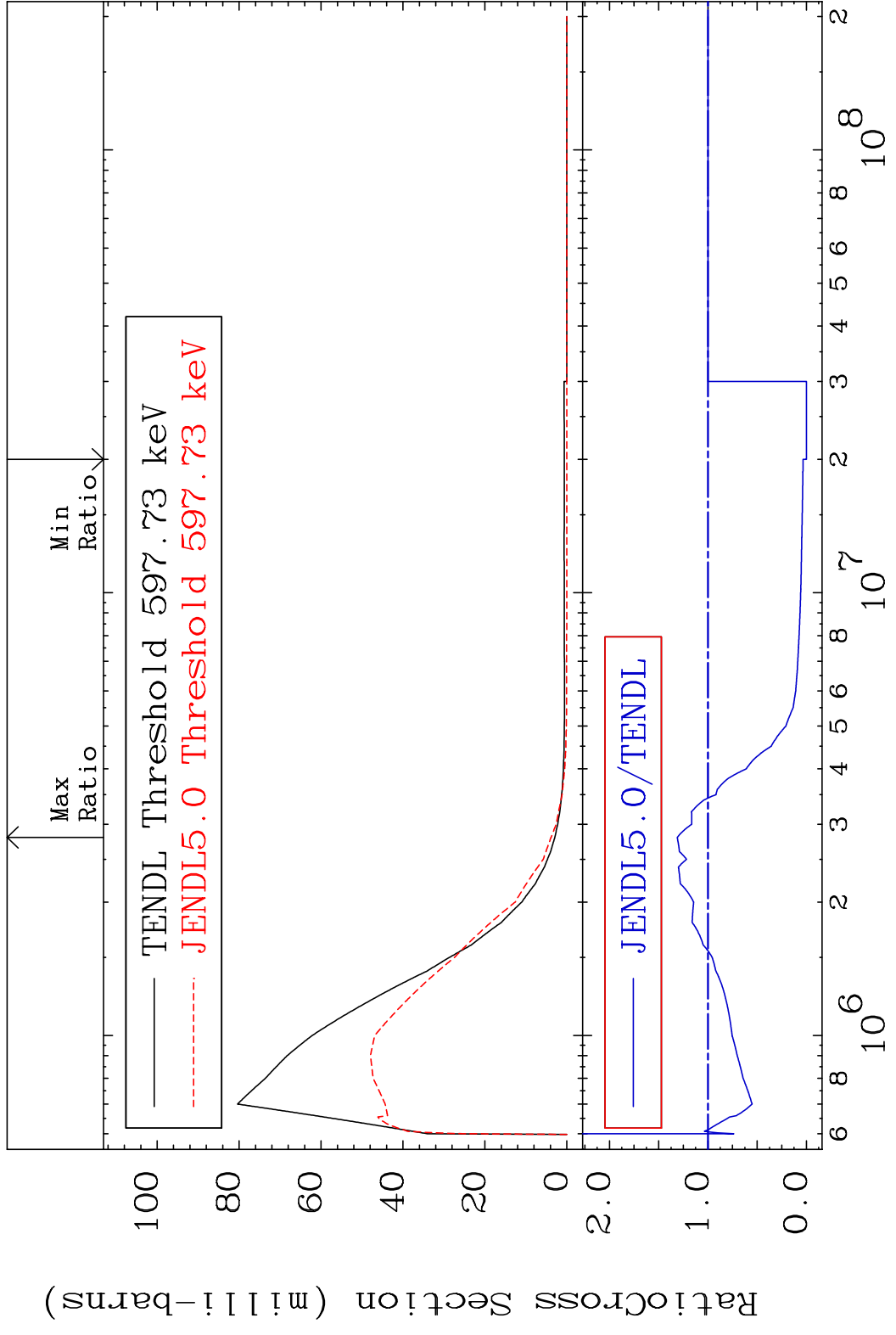


40 Incident Energy (eV) 69-Tm-170

MAT 6928 MT= 79 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 104.9 %



MAT 6928 MT= 80 (n, n') Level 69-Tm-170
 Cross Section -100.0 To 31.24 %

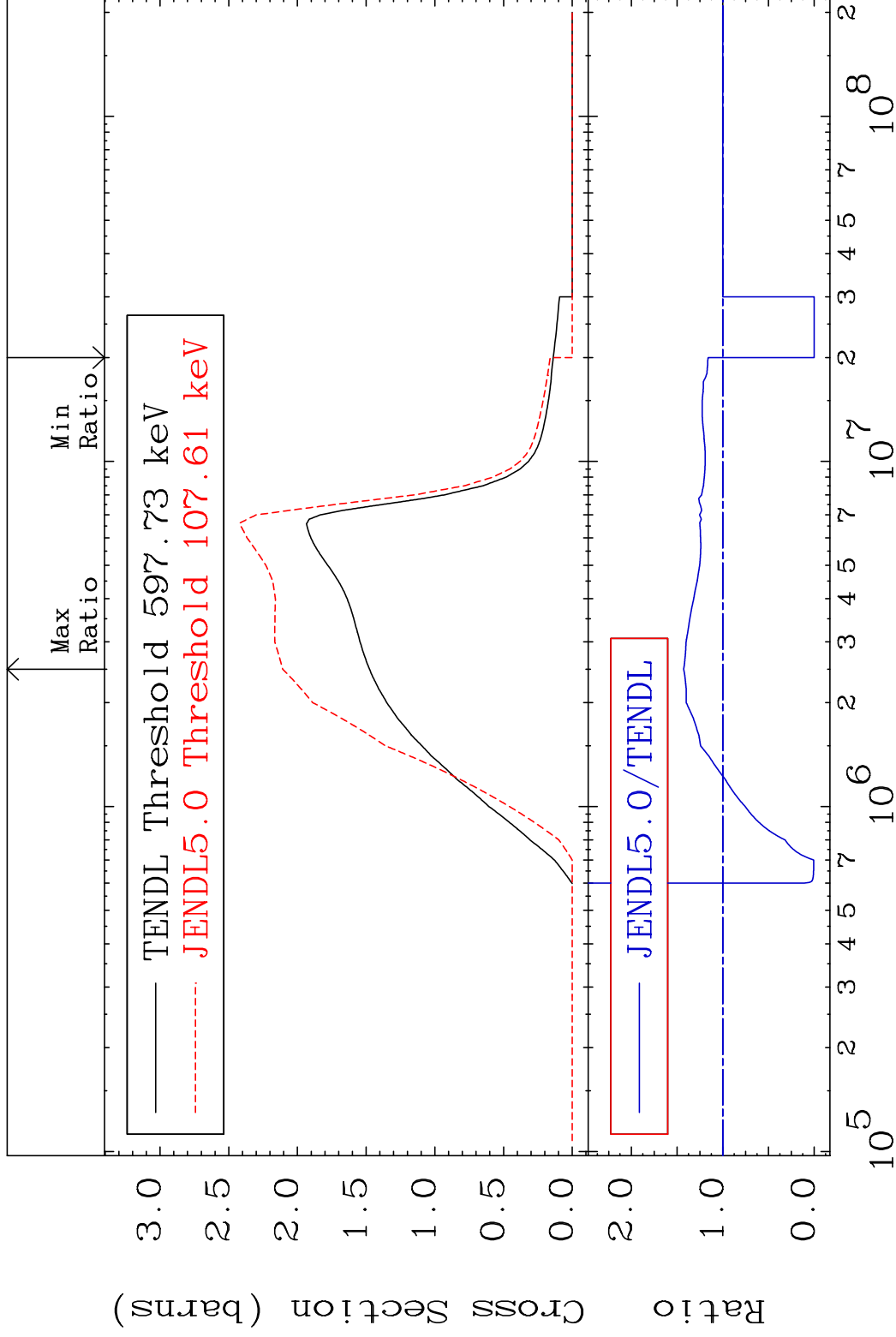


MAT 6928

(n, n') Continuum

69-Tm-170

Cross Section -100.0 To 42.85 %



43

Incident Energy (eV)

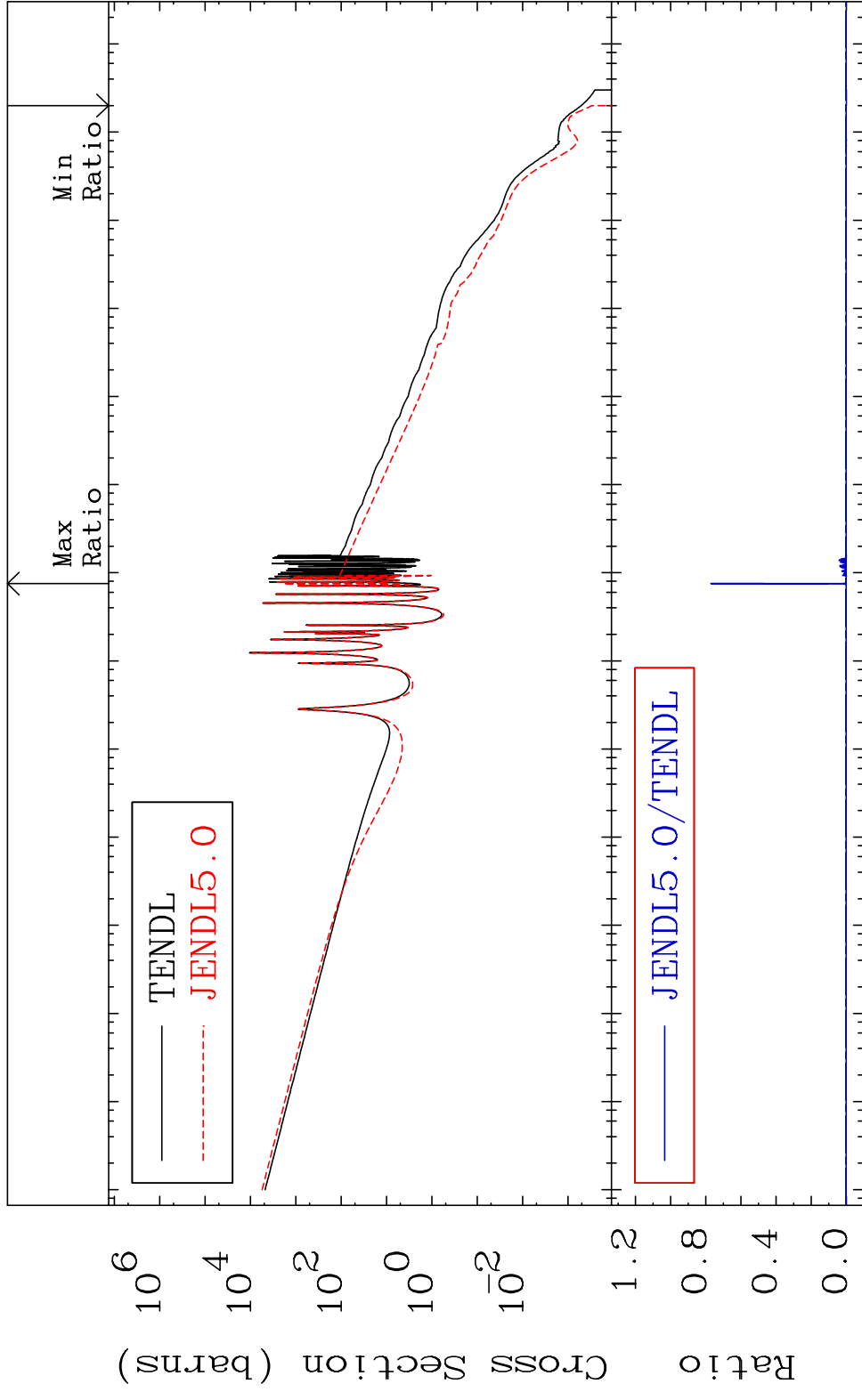
69-Tm-170

MAT 6928

69-Tm-170

(n, γ)

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

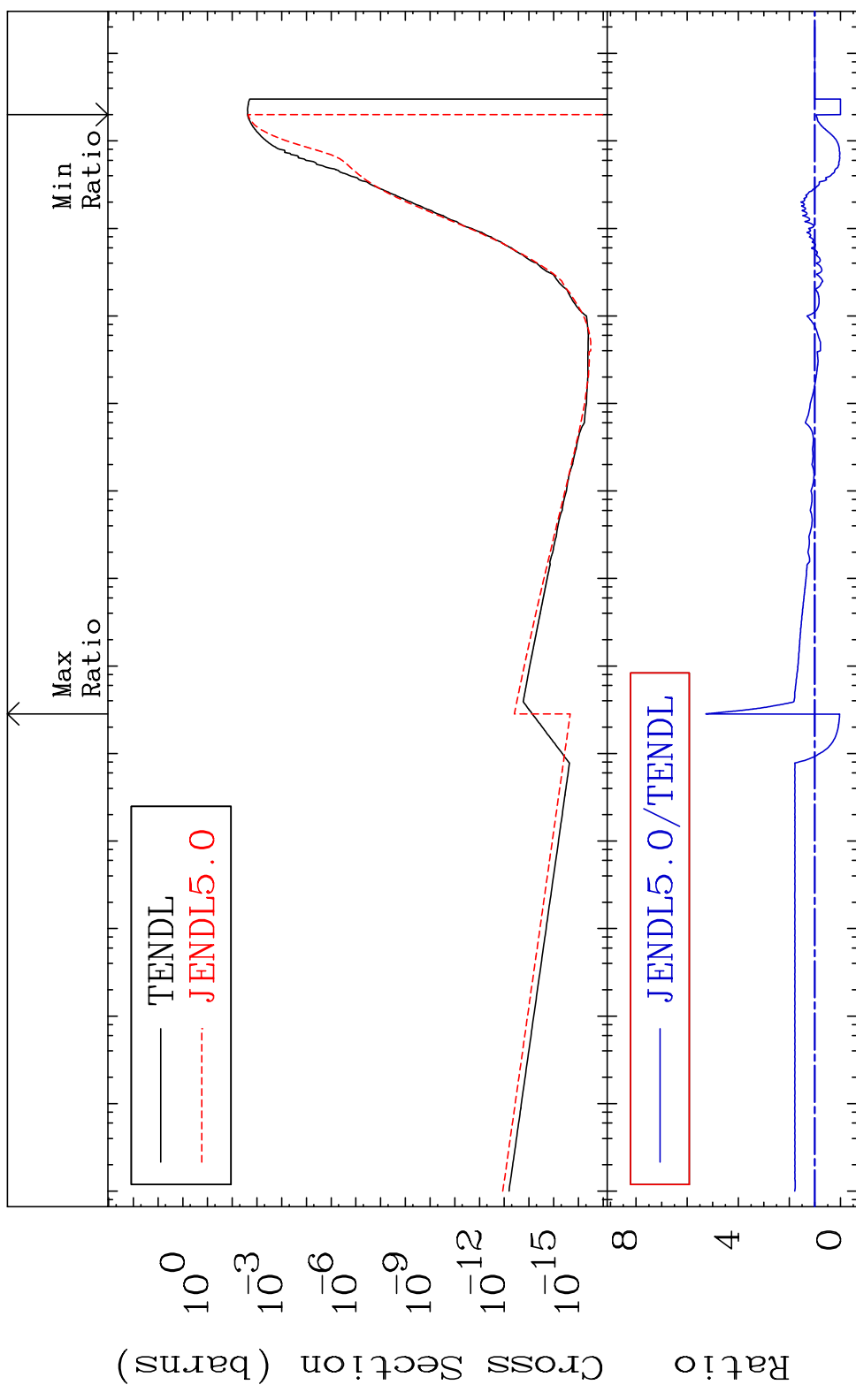
69-Tm-170

MAT 6928

(n, p)

69-Tm-170

Cross Section -100.0 To 427.2 %



Incident Energy (eV)

45

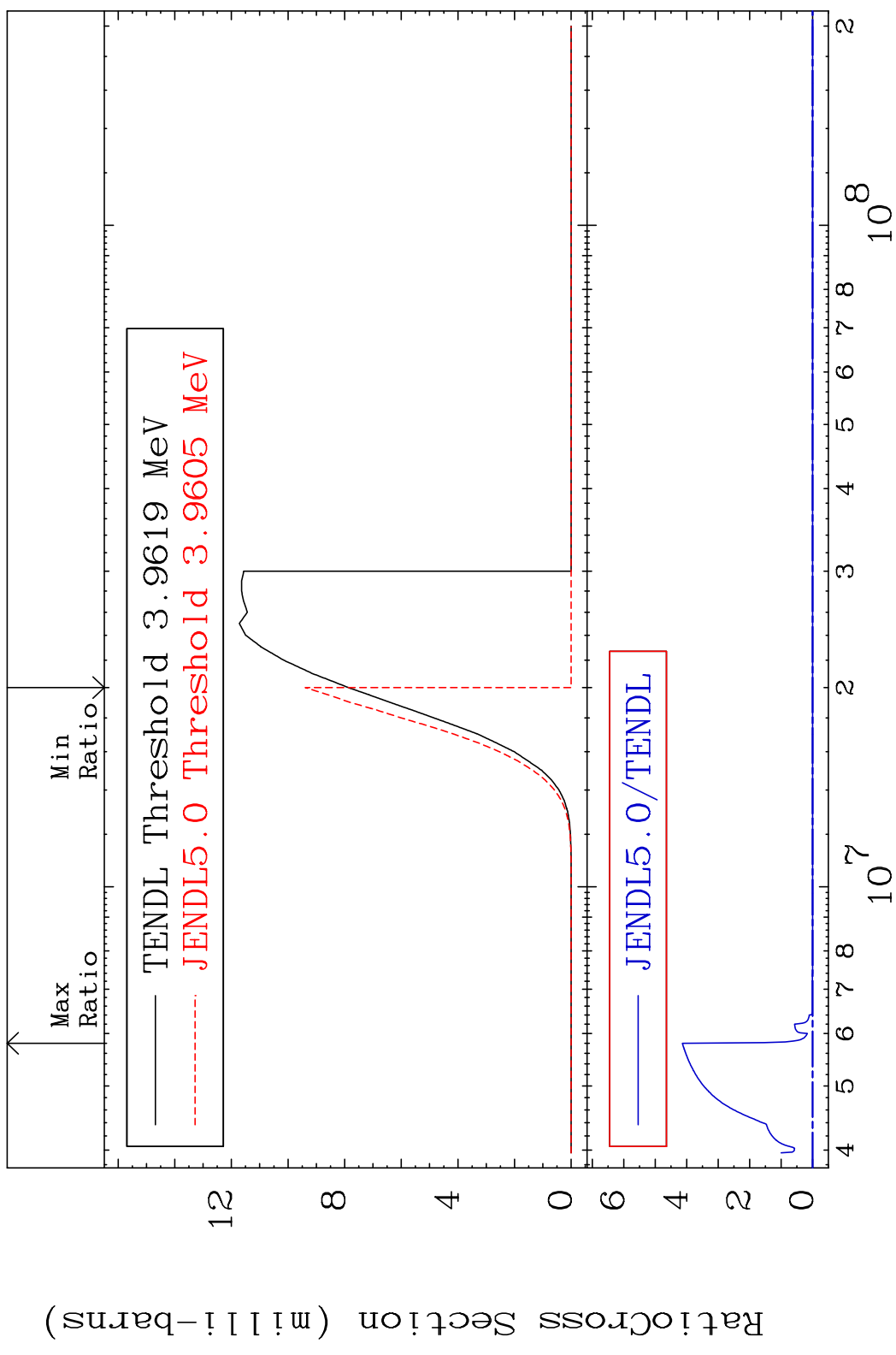
69-Tm-170

MAT 6928

(n, d)

69-Tm-170

Cross Section -100.0 To 9999. %

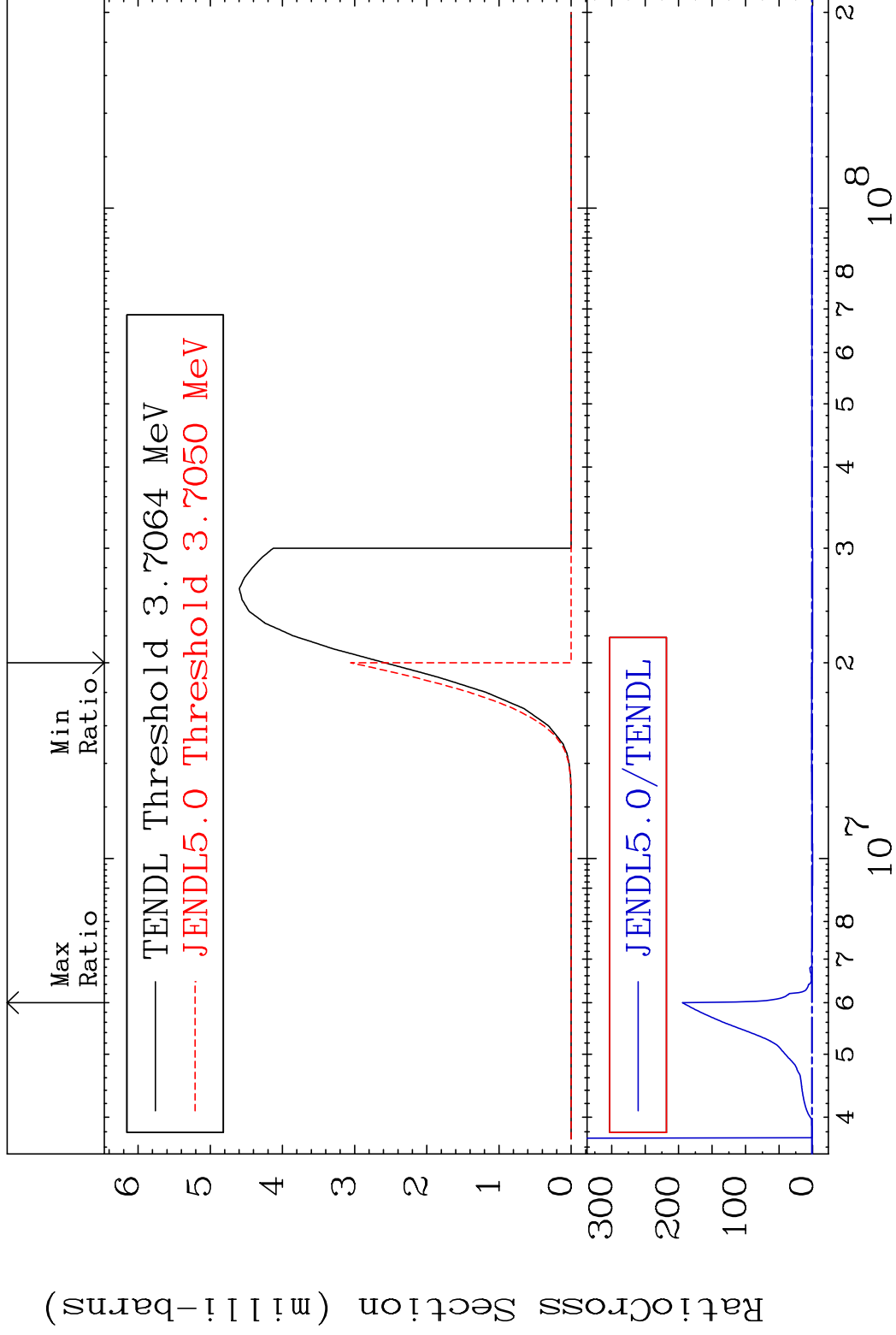


MAT 6928

(n, t)

69-Tm-170

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

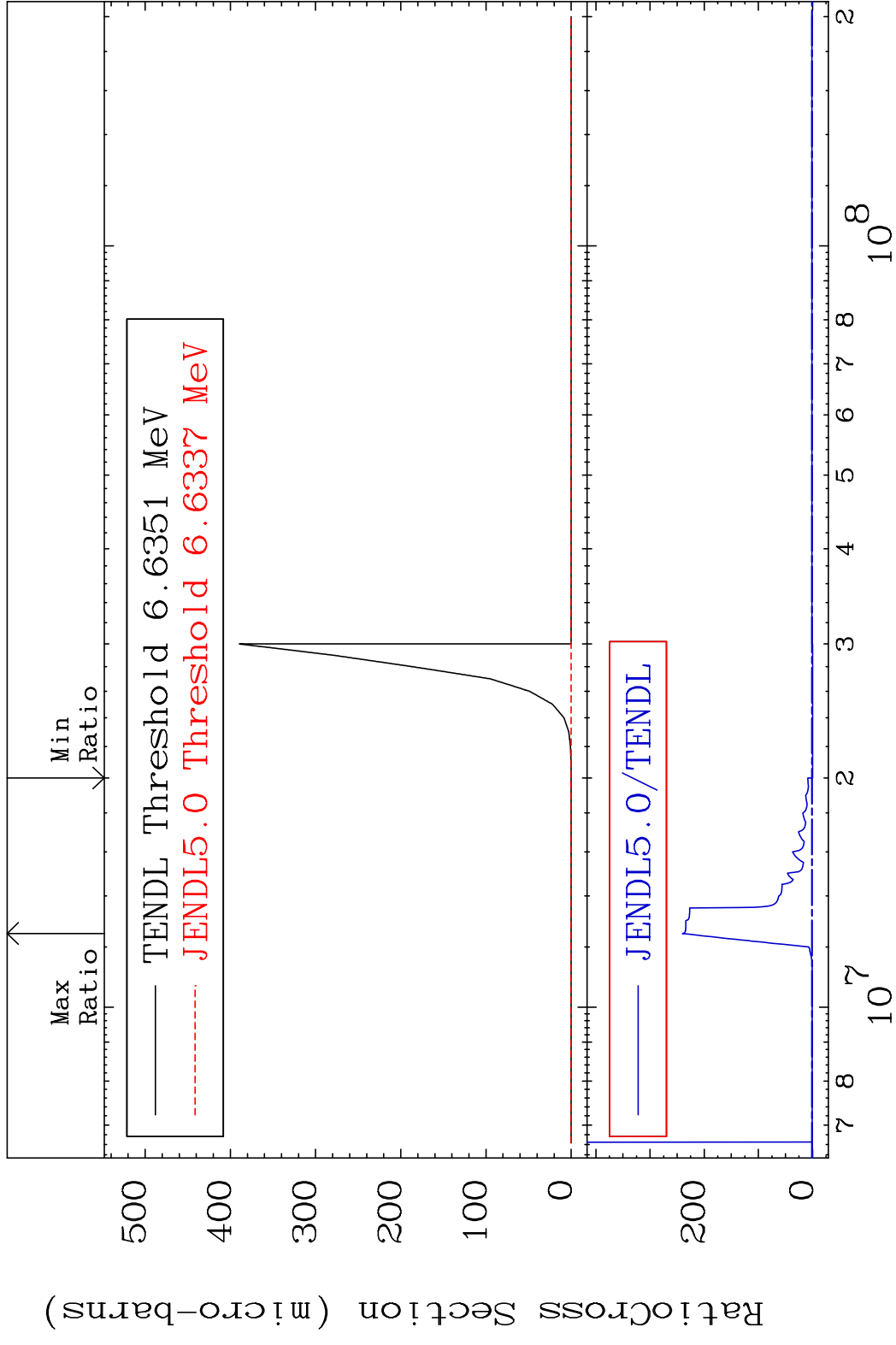
69-Tm-170

MAT 6928

(n, He-3)

69-Tm-170

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

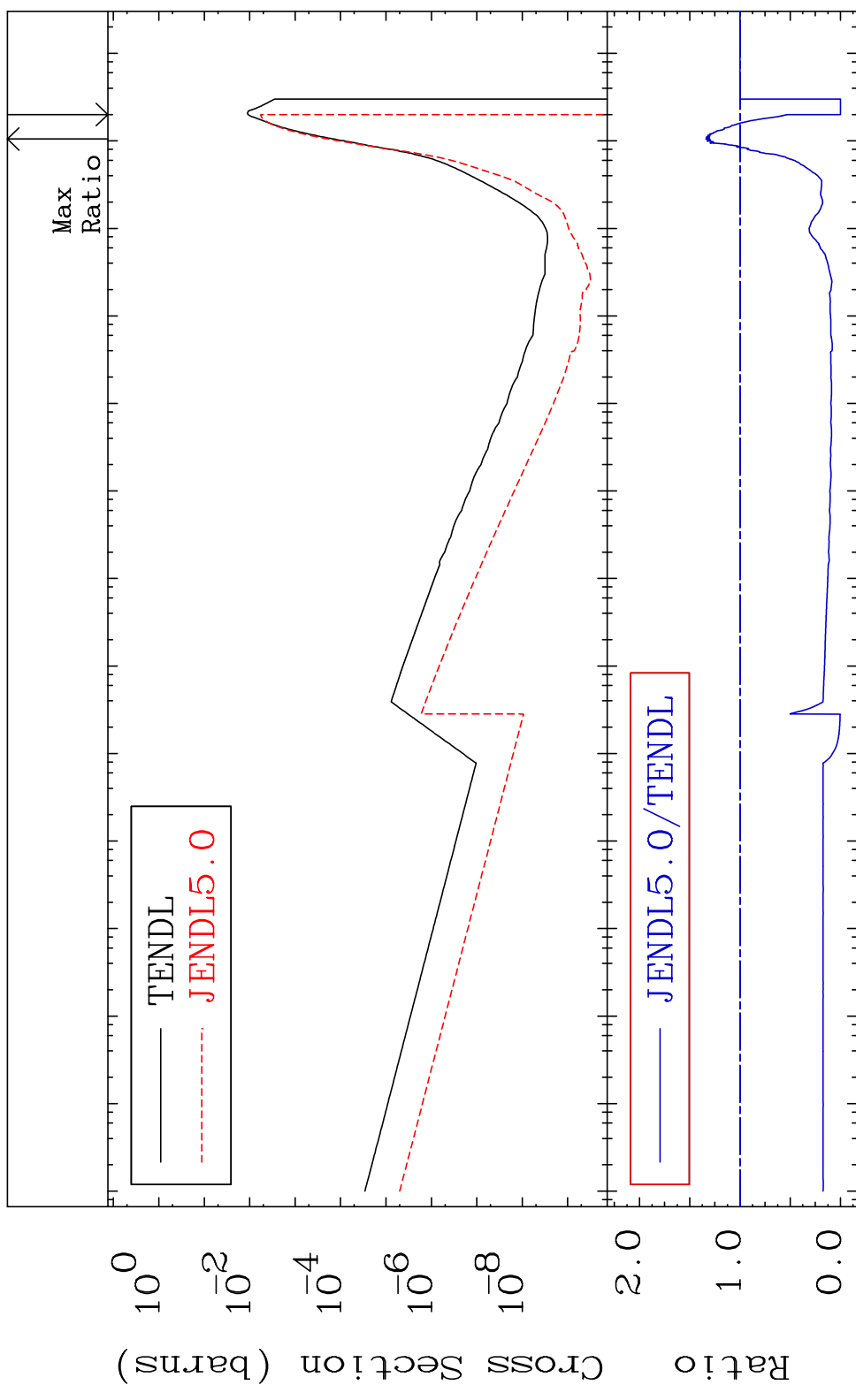
69-Tm-170

MAT 6928

(n, α)

69-Tm-170

Cross Section -100.0 To 34.04 %



49

Incident Energy (eV)

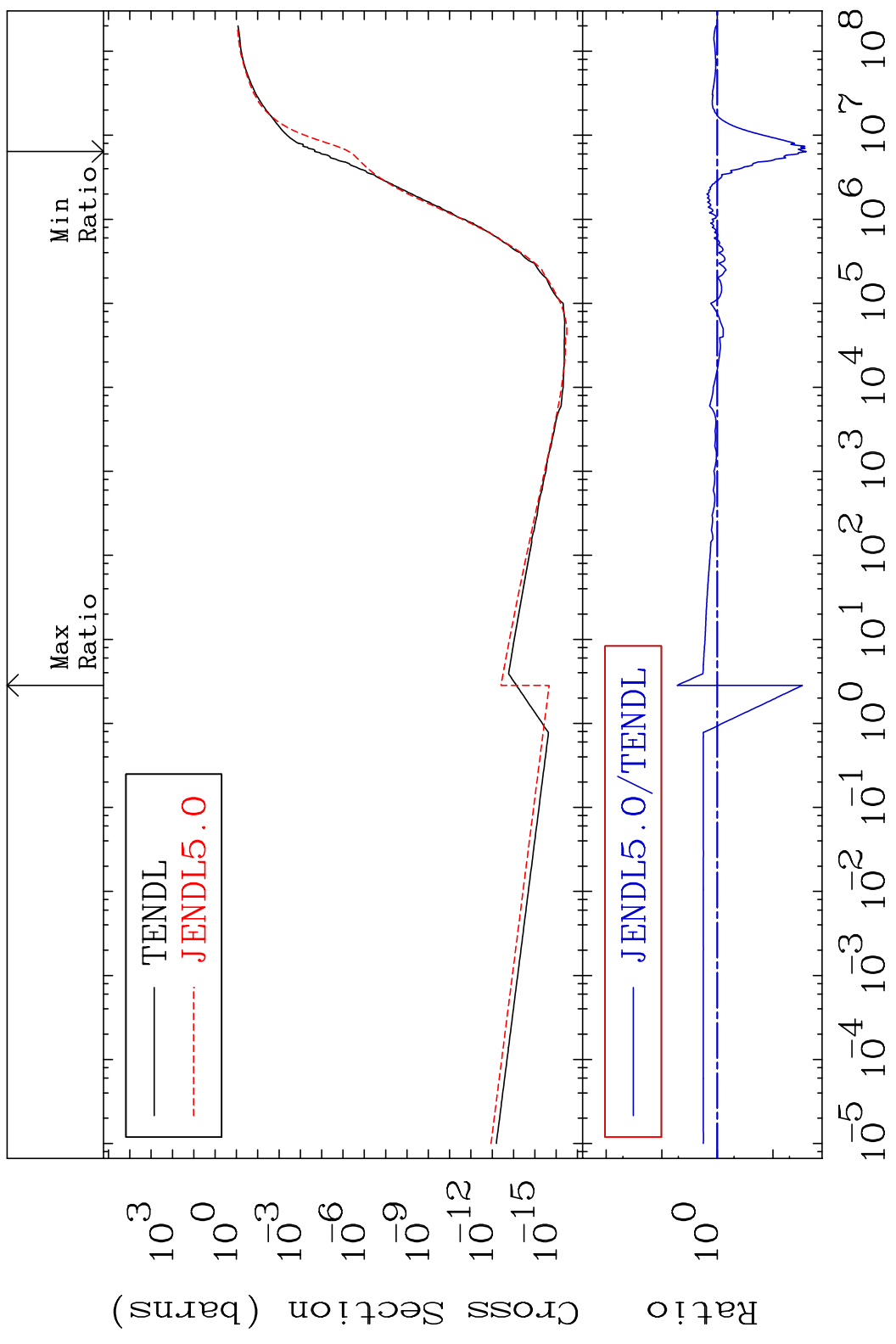
69-Tm-170

MAT 6928

Hydrogen Production

69-Tm-170

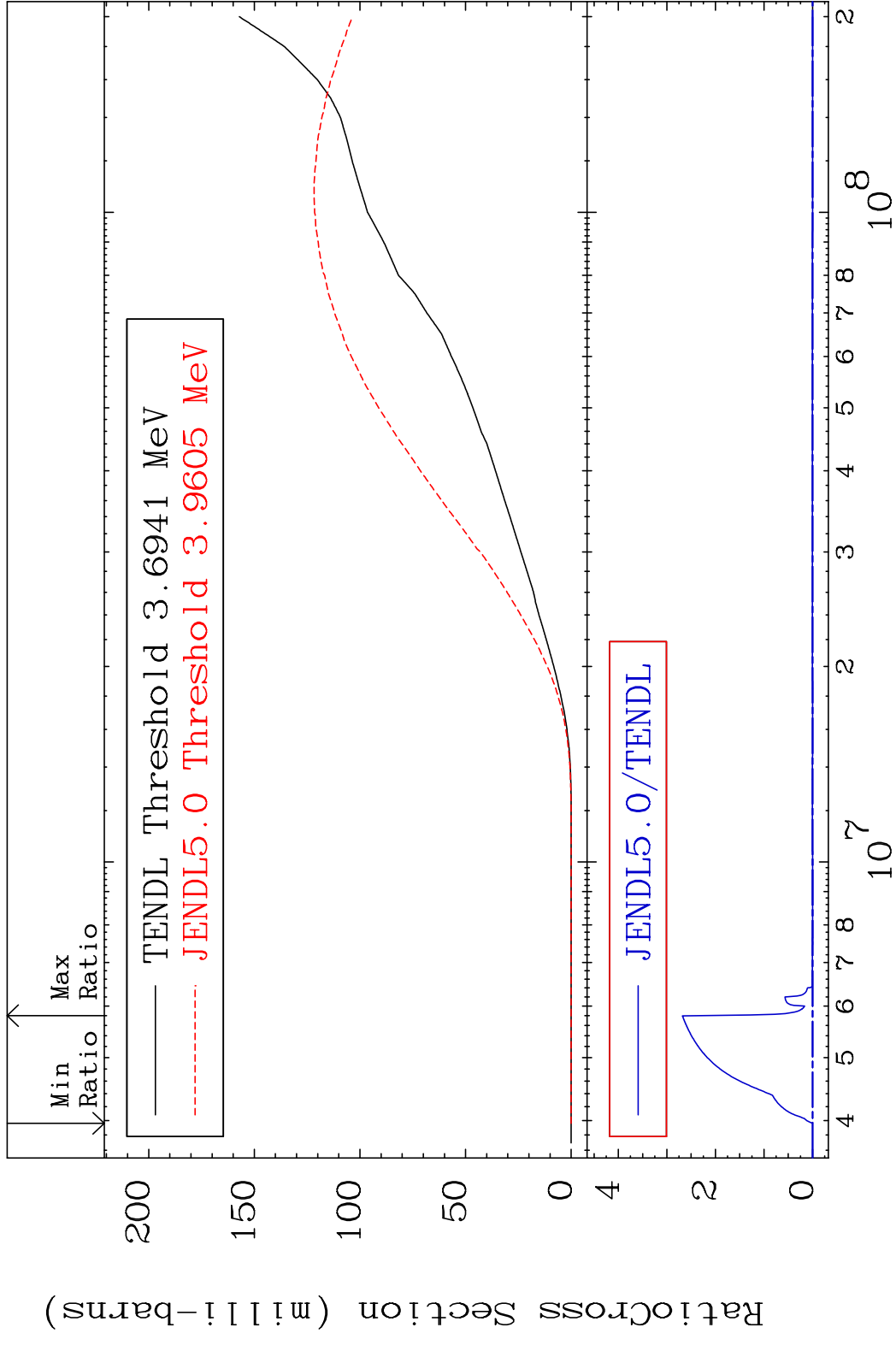
Cross Section -97.51 To 427.2 %



50

Incident Energy (eV)

69-Tm-170

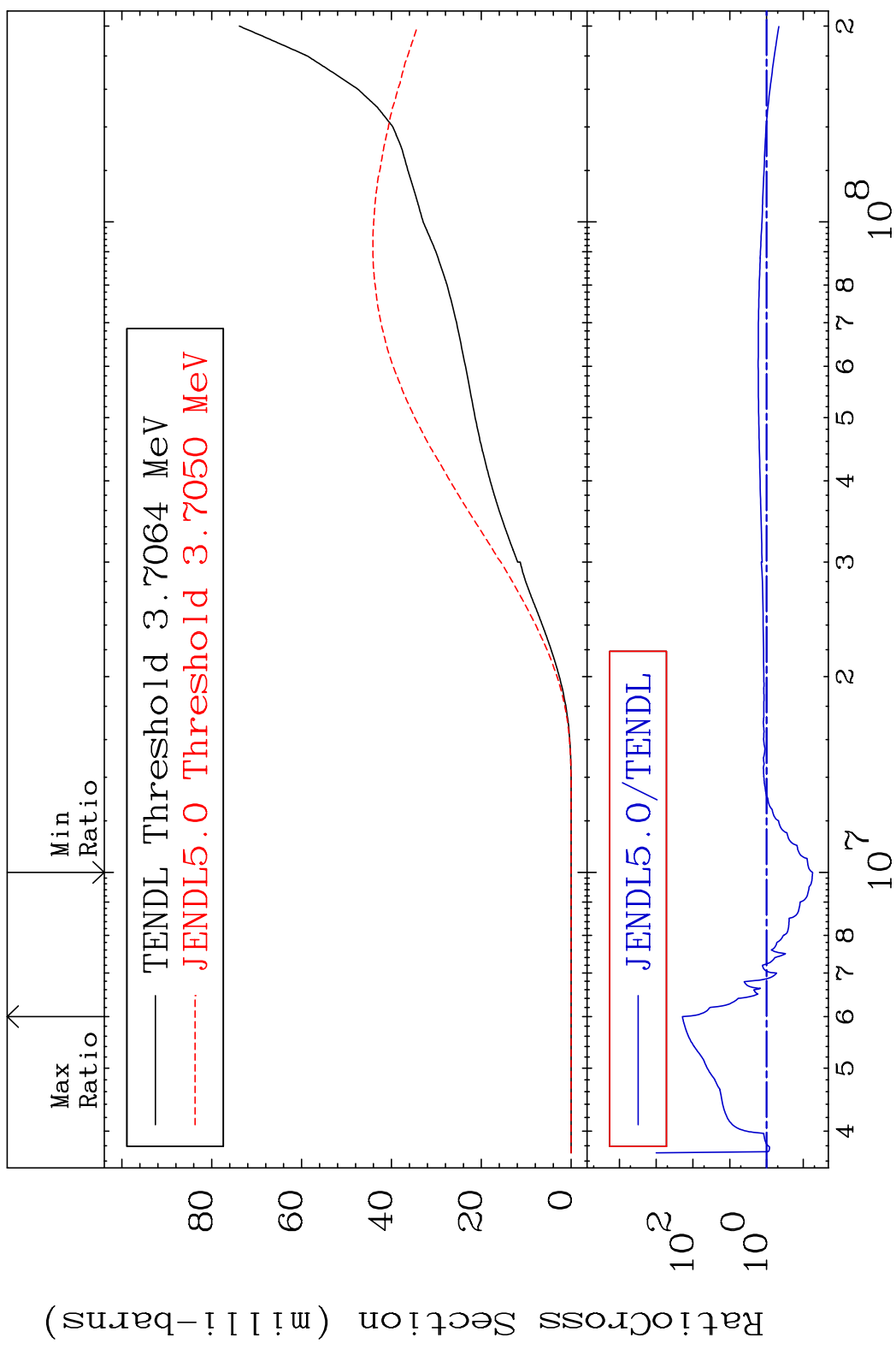


MAT 6928

Tritium Production

69-Tm-170

Cross Section -94.39 To 9999. %

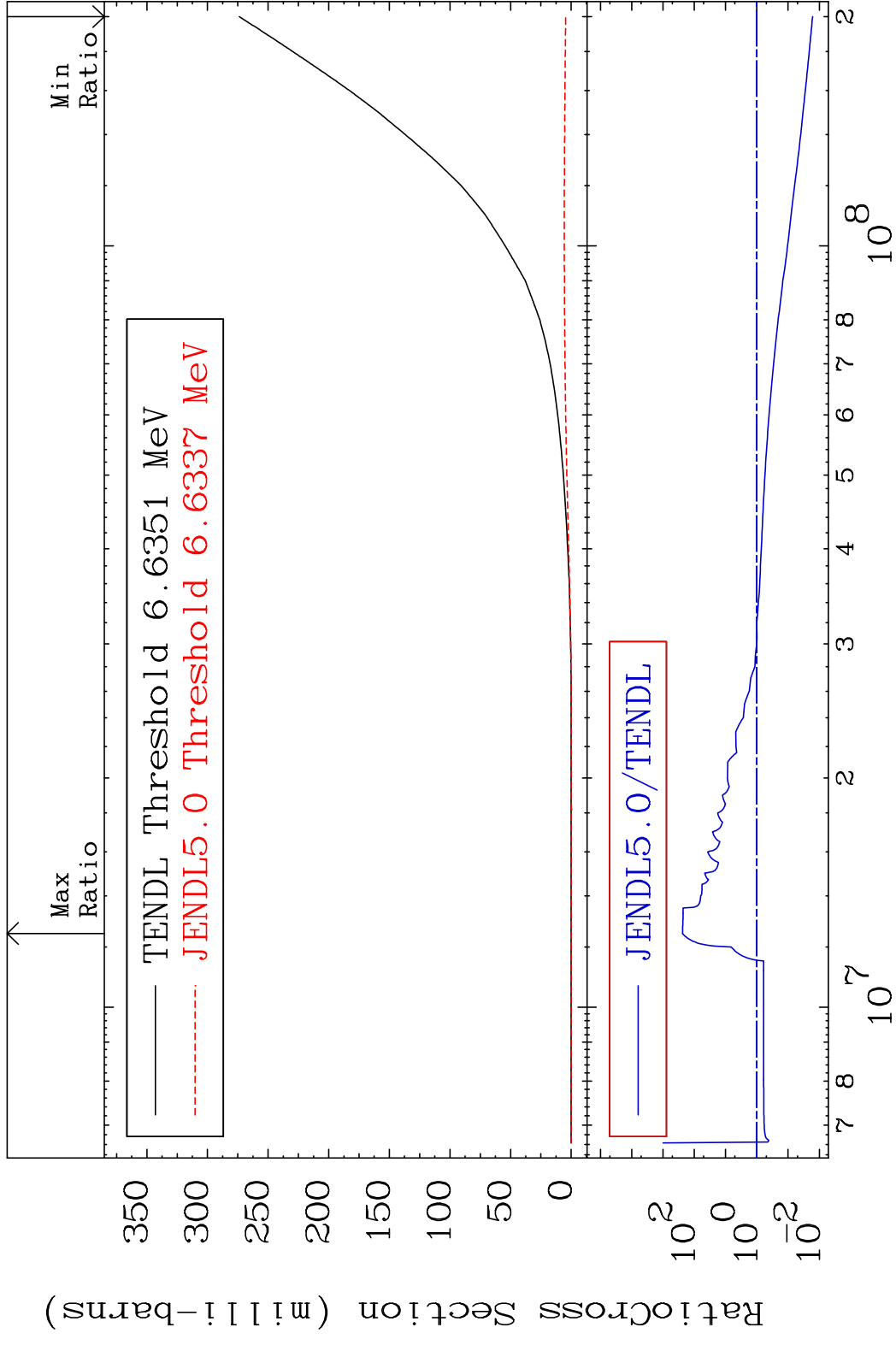


MAT 6928

He-3 Production

69-Tm-170

Cross Section -98.35 To 9999. %



53

Incident Energy (eV)

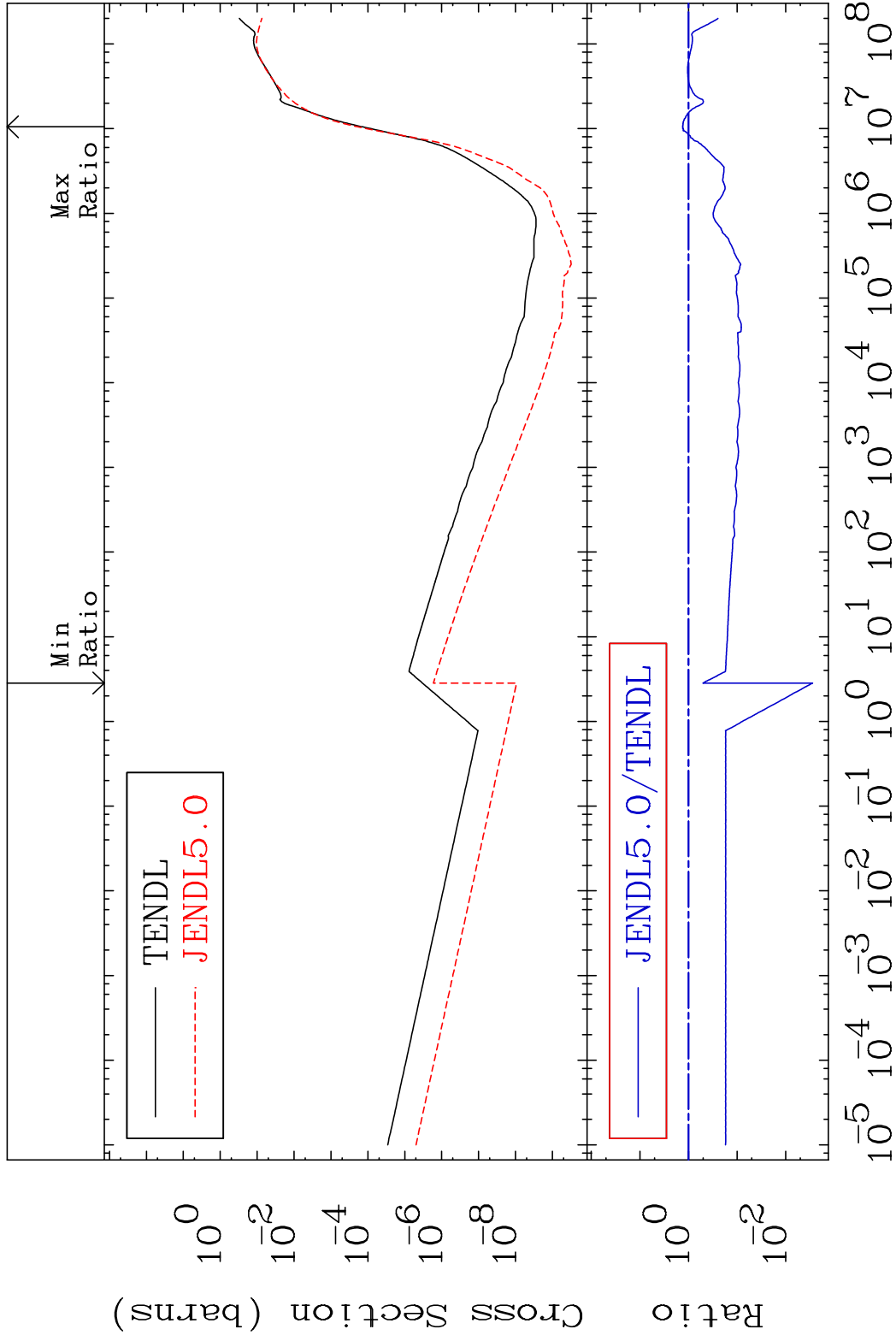
69-Tm-170

MAT 6928

He-4 Production

69-Tm-170

Cross Section -99.72 To 33.77 %



54

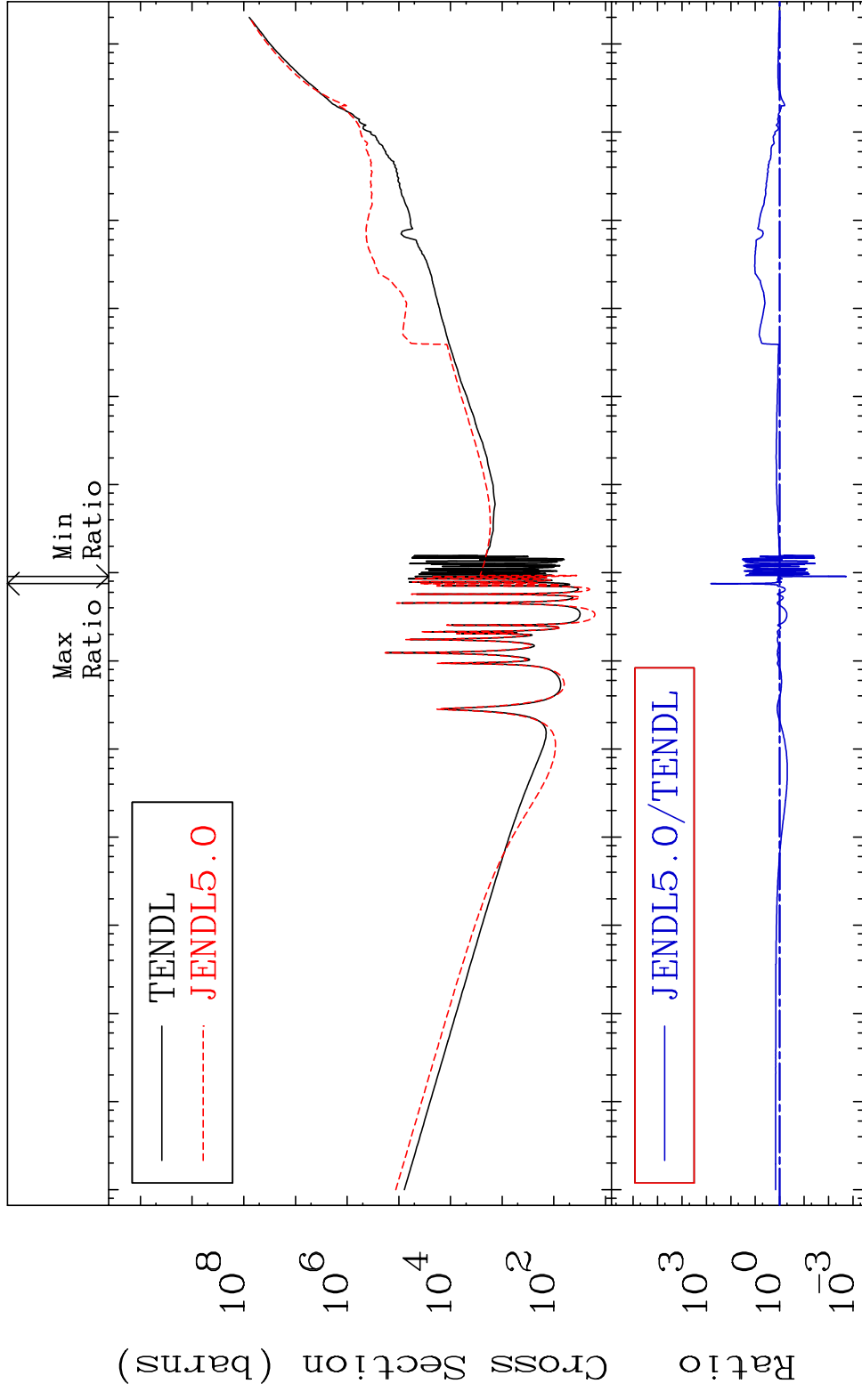
Incident Energy (eV)

69-Tm-170

MAT 6928

Kerma total (eV-barns) 69-Tm-170

Cross Section -99.81 To 9999. %



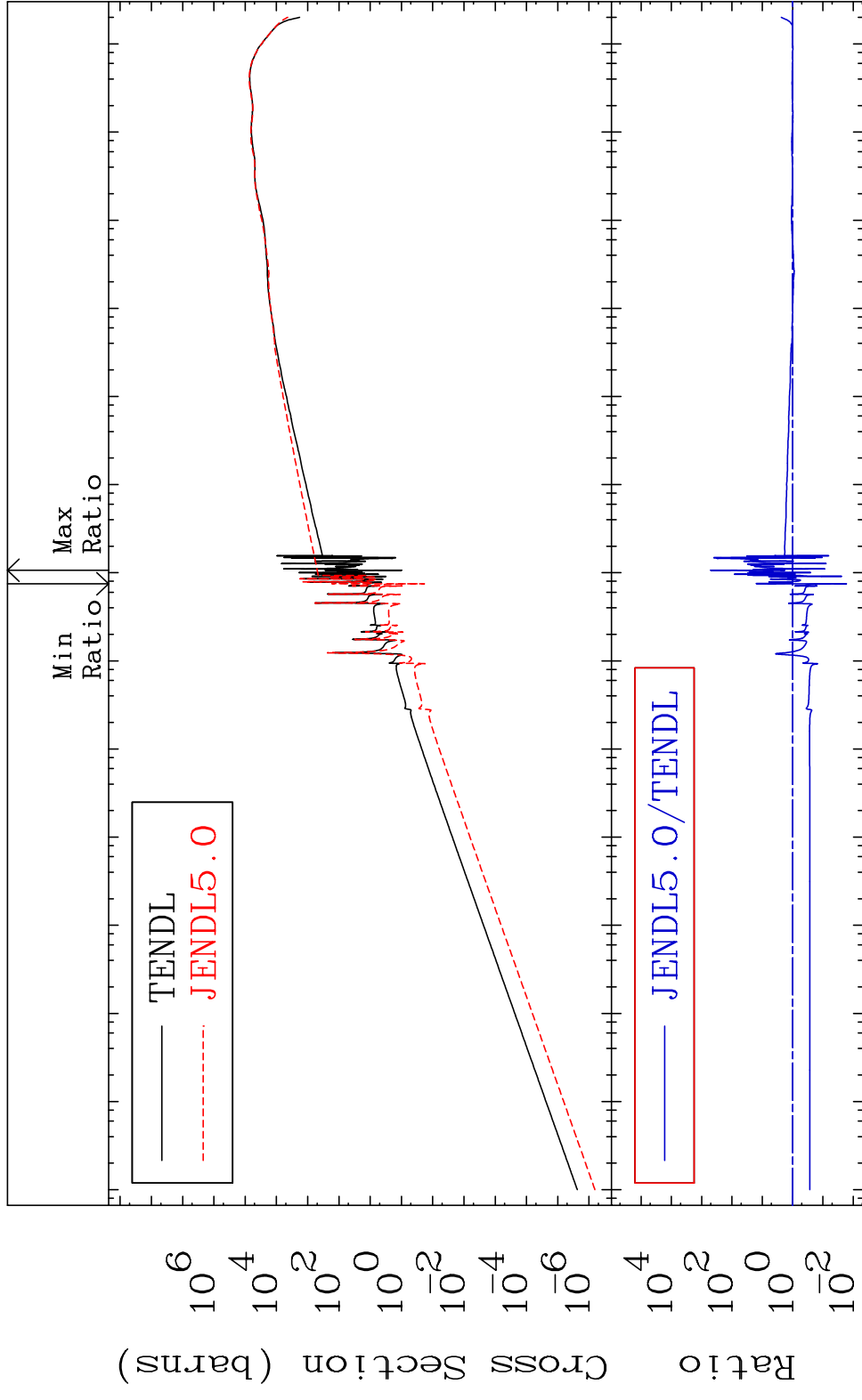
55

Incident Energy (eV) 69-Tm-170

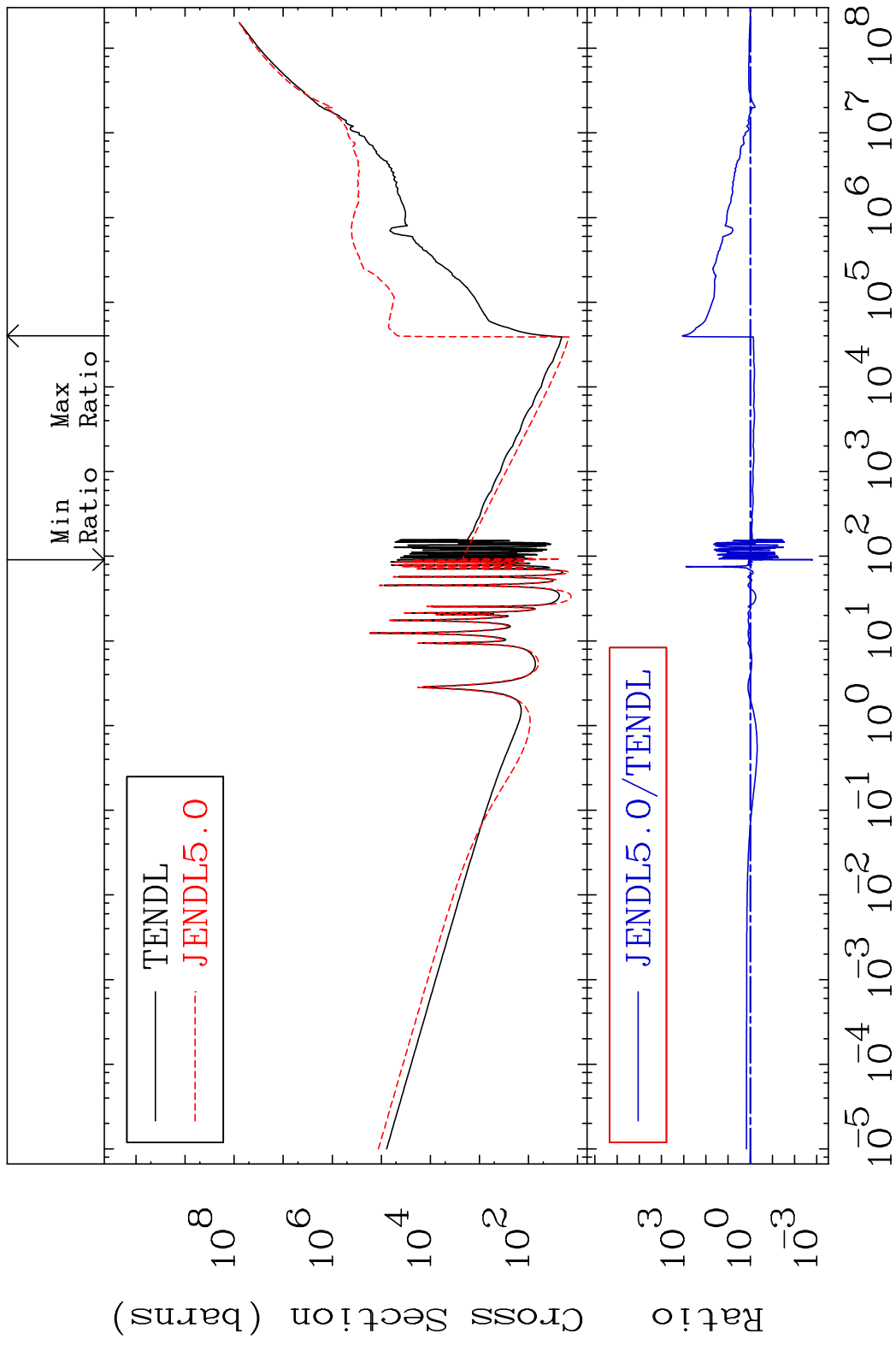
MAT 6928

Kerma elastic
Cross Section

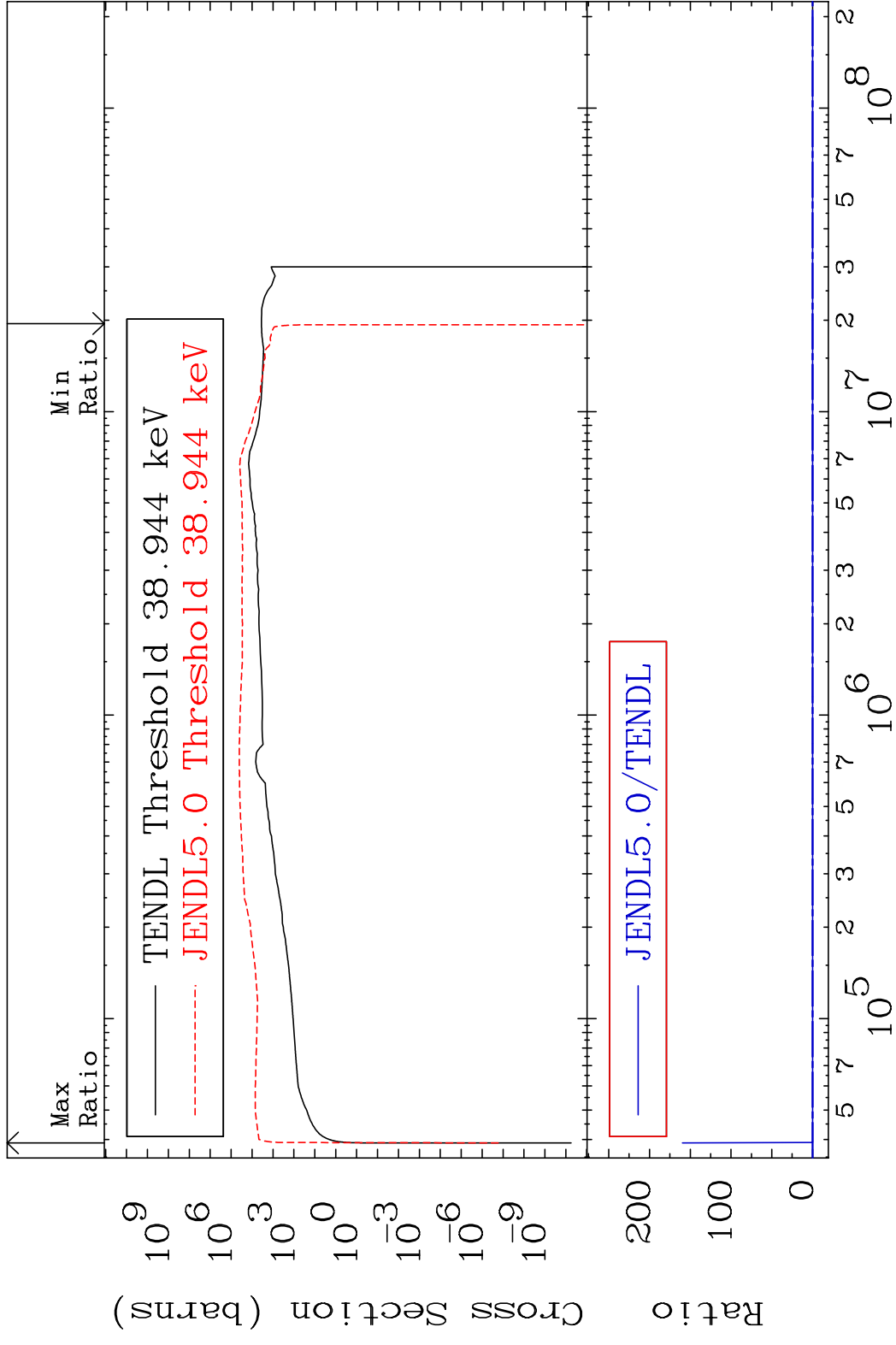
69-Tm-170
-98.31 To 9999. %



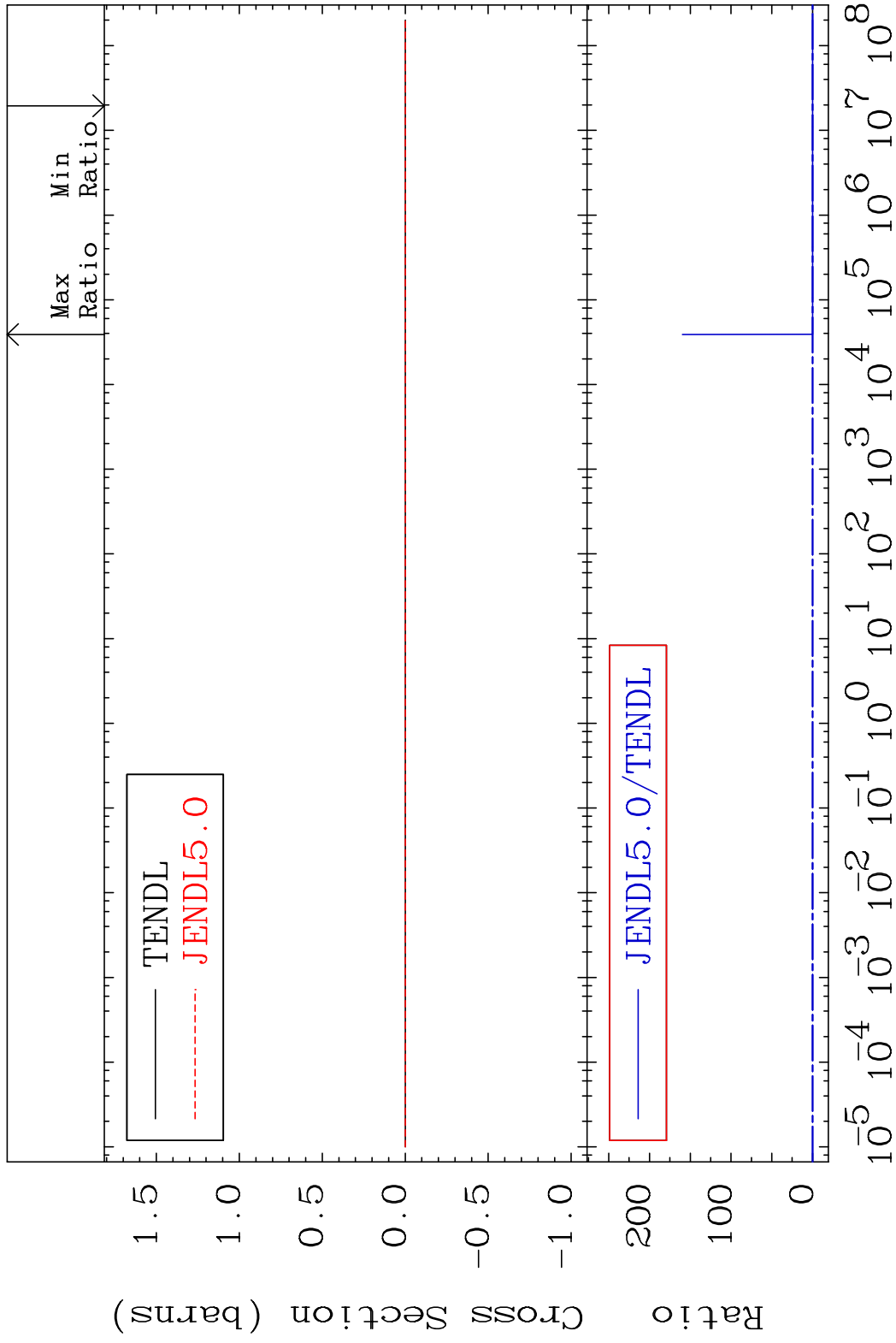
MAT 6928 Kerma non-elastic (all but mt2) 69-Tm-170
 Cross Section -99.84 To 9999. %



MAT 6928 Kerma inelastic (mt51-91) 69-Tm-170
 Cross Section -113.3 To 9999. %

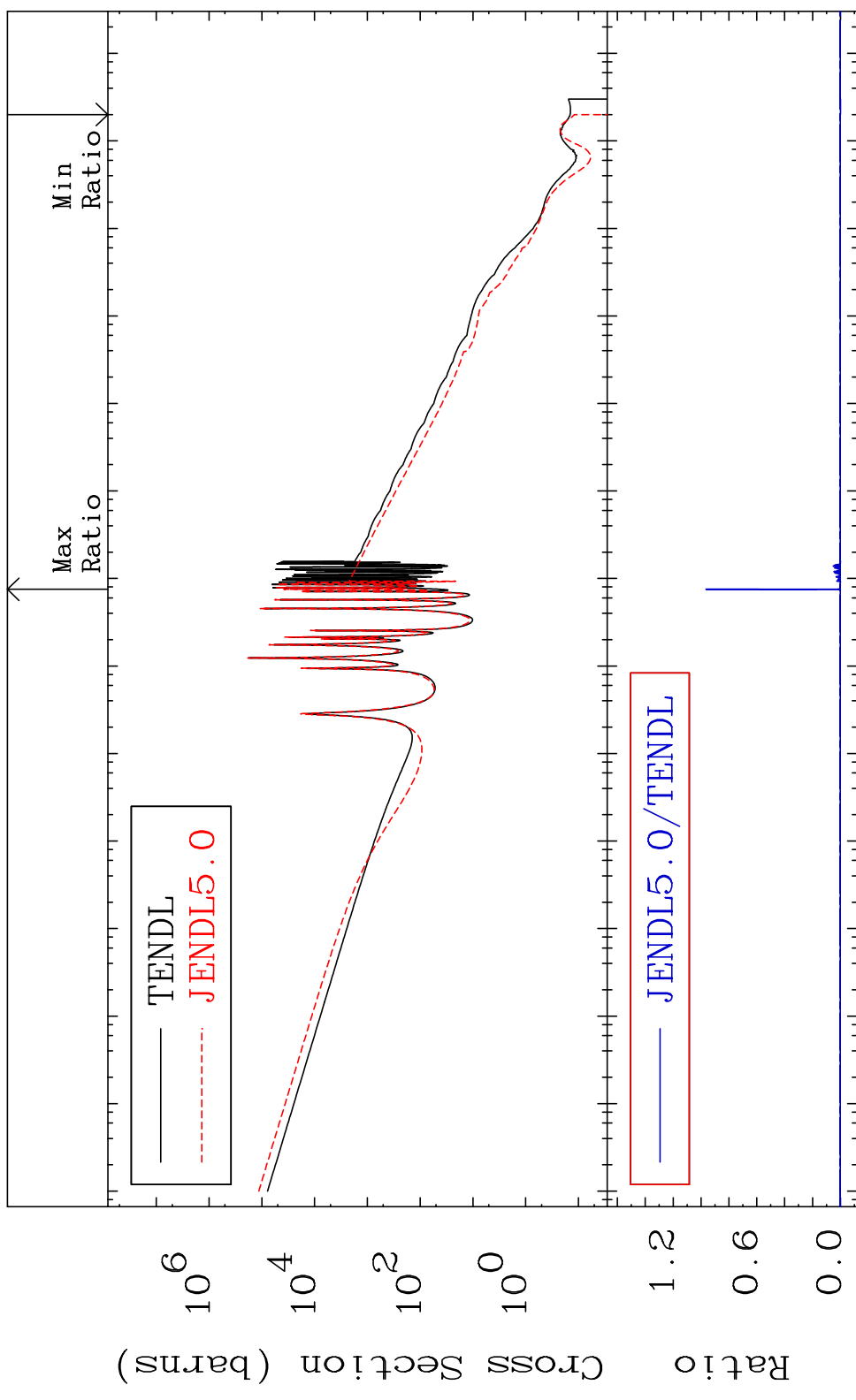


MAT 6928 Kerma fission (mt18 or mt19-20-21-38) 69-Tm-170
 Cross Section -113.3 To 9999. %



MAT 6928

Kerma capture (mt102) 69-Tm-170
Cross Section -100.0 To 9999. %

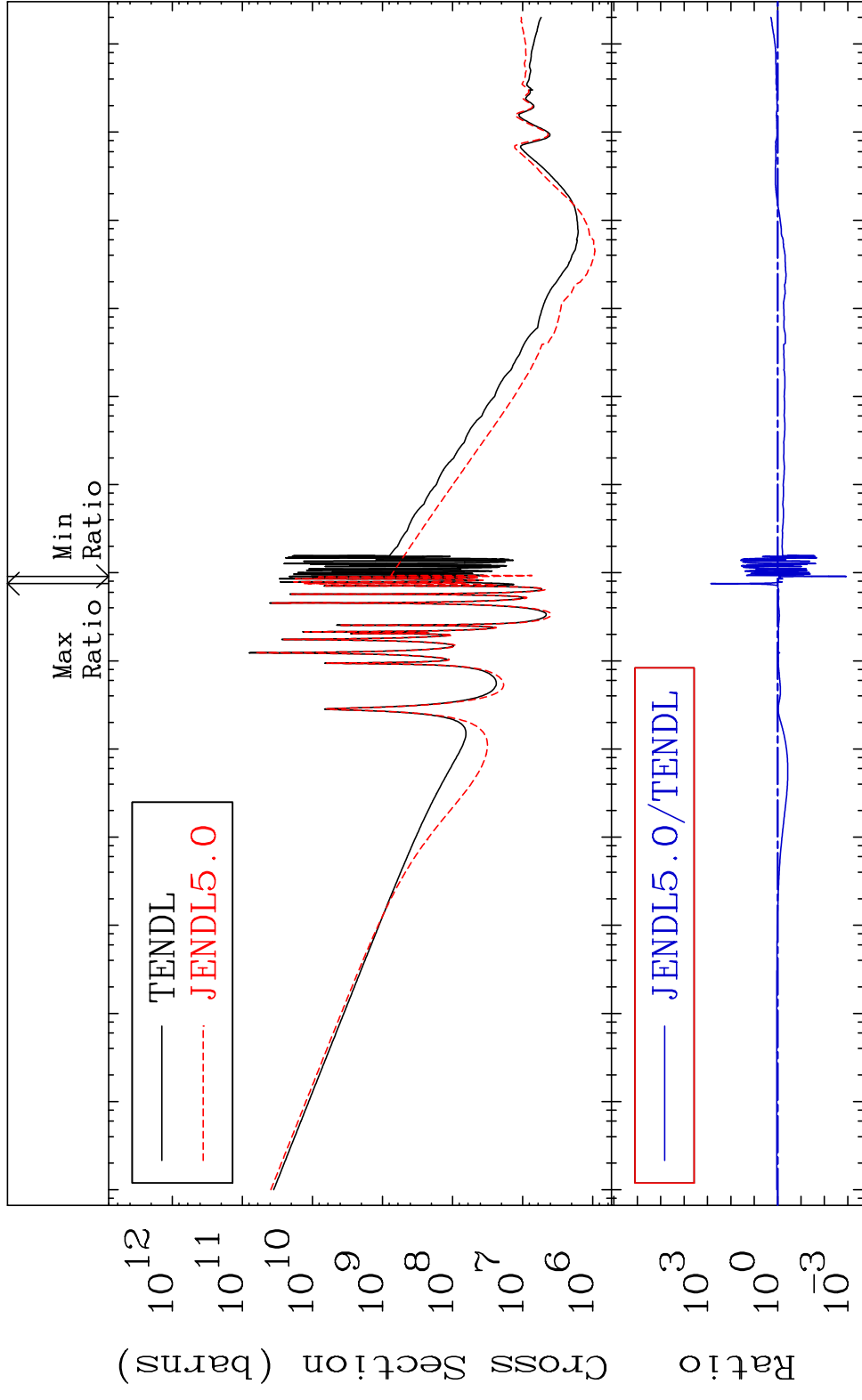


60

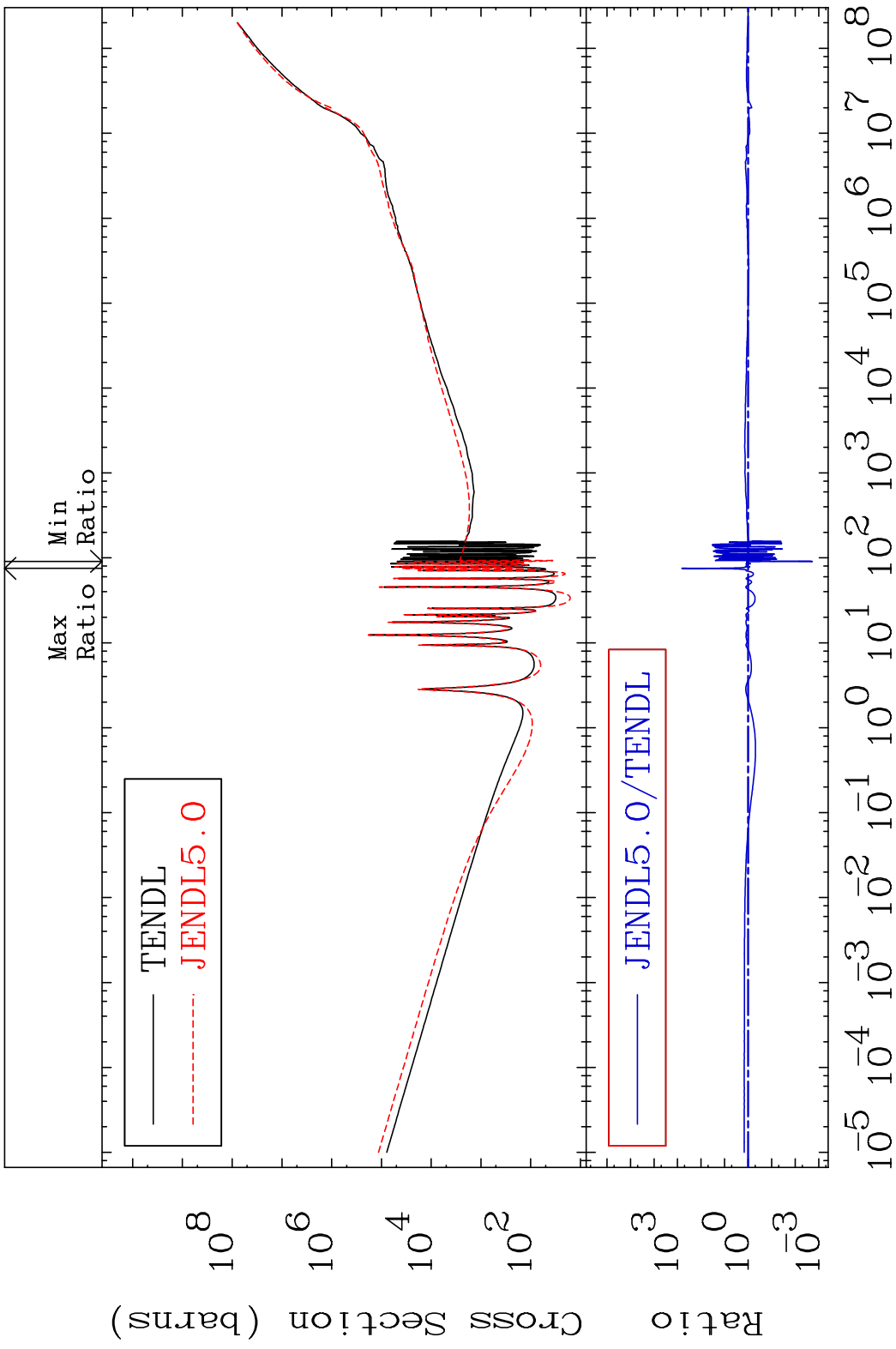
Incident Energy (eV)

69-Tm-170

MAT 6928 Total photon (eV-barns) 69-Tm-170
 Cross Section -99.88 To 9999. %



MAT 6928 Total kinematic kerma (high limit) 69-Tm-170
 Cross Section -99.81 To 9999. %

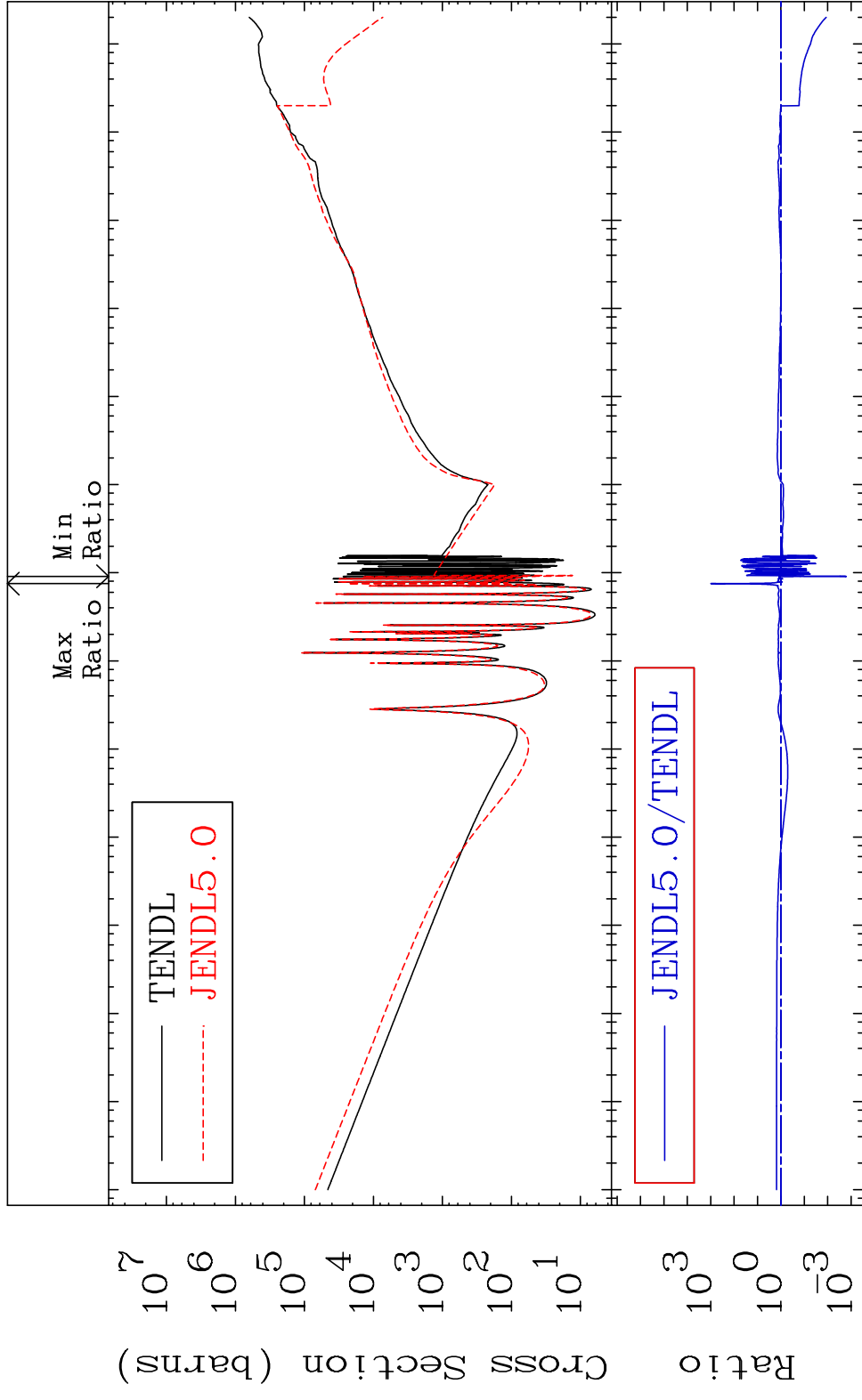


MAT 6928

Dpa total (eV-barns)

69-Tm-170

Cross Section -99.84 To 9999. %



63

Incident Energy (eV)

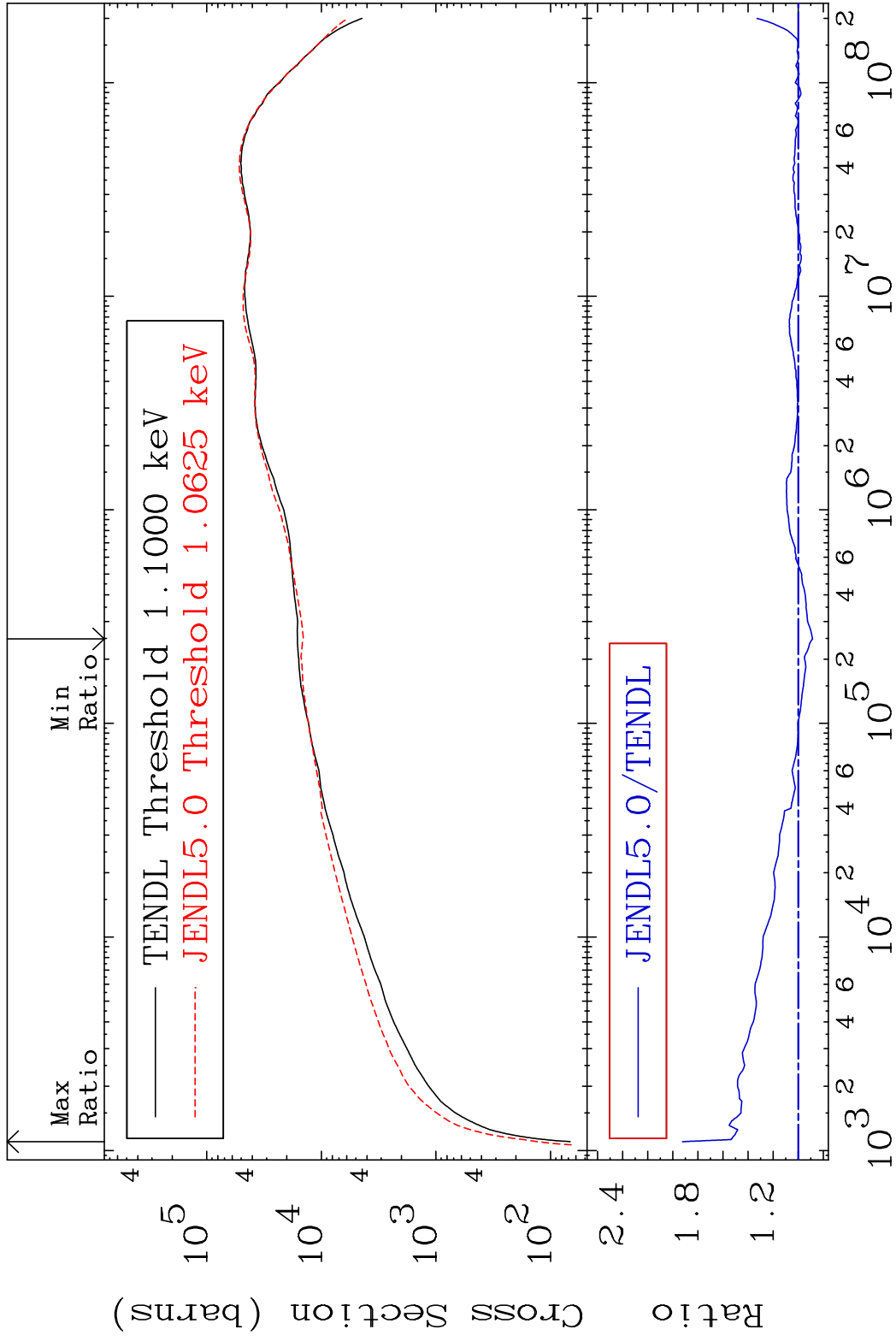
69-Tm-170

MAT 6928

Dpa elastic (mt2)

69-Tm-170

Cross Section -11.34 To 92.38 %

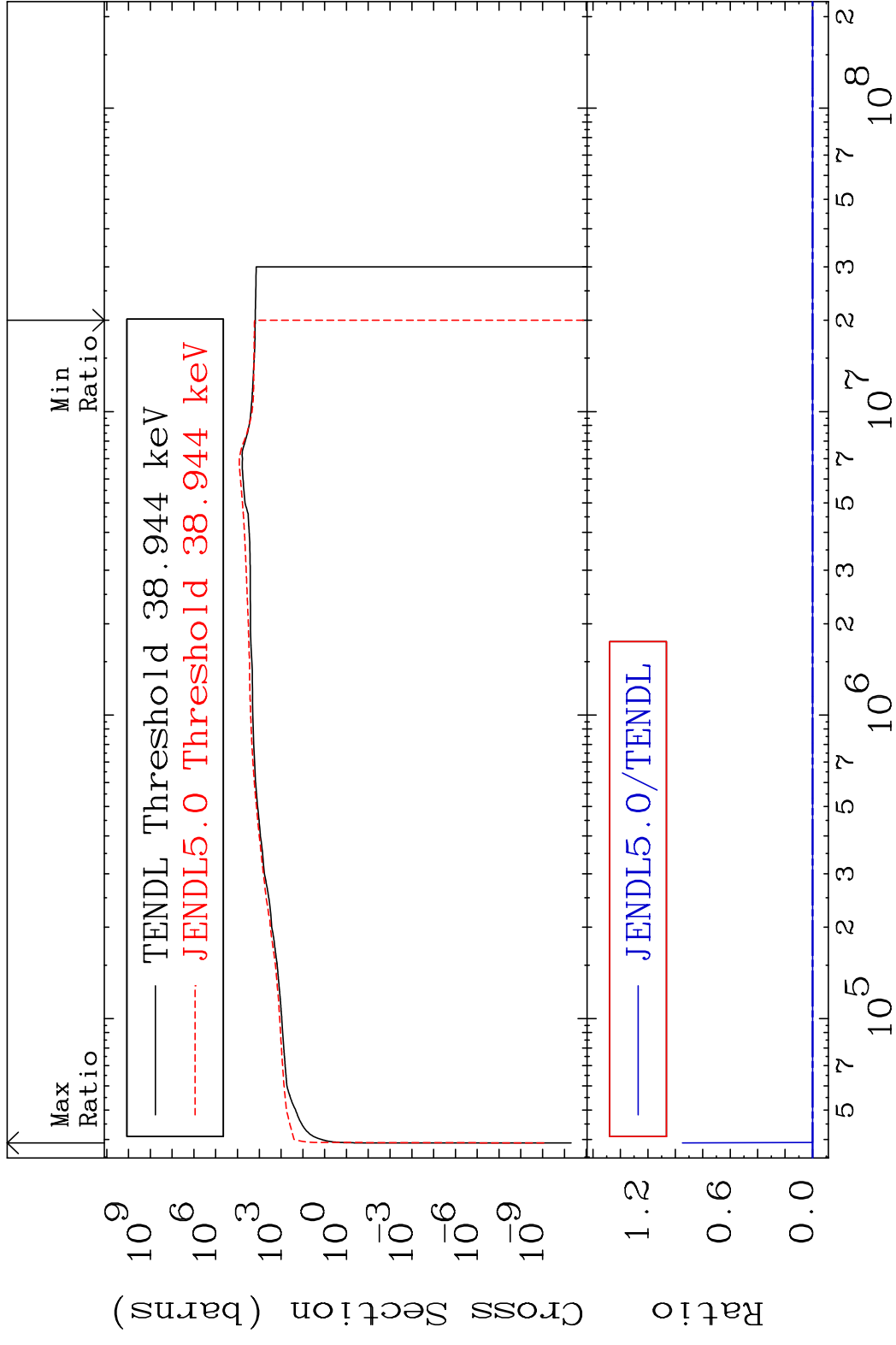


64

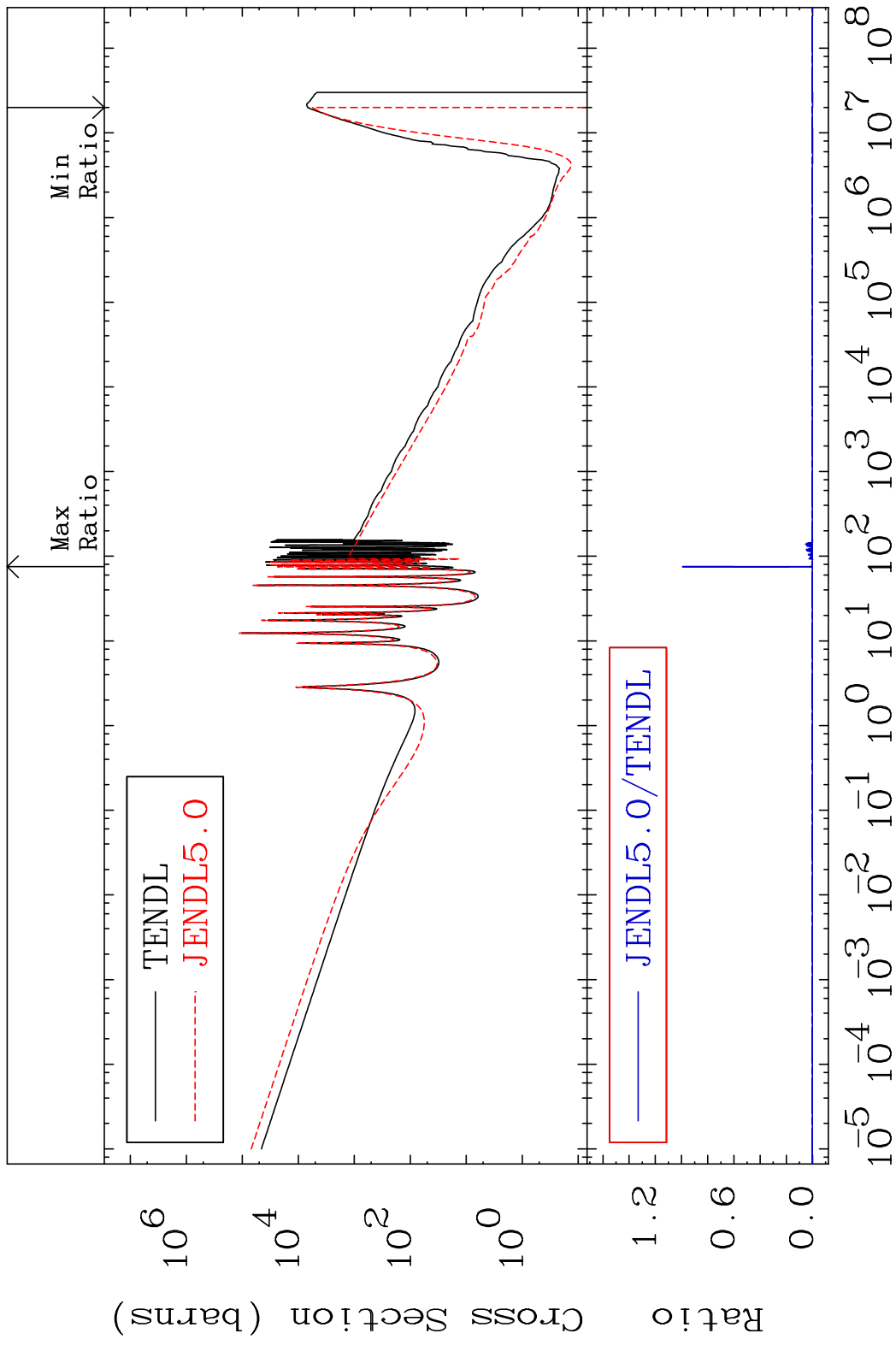
Incident Energy (eV)

69-Tm-170

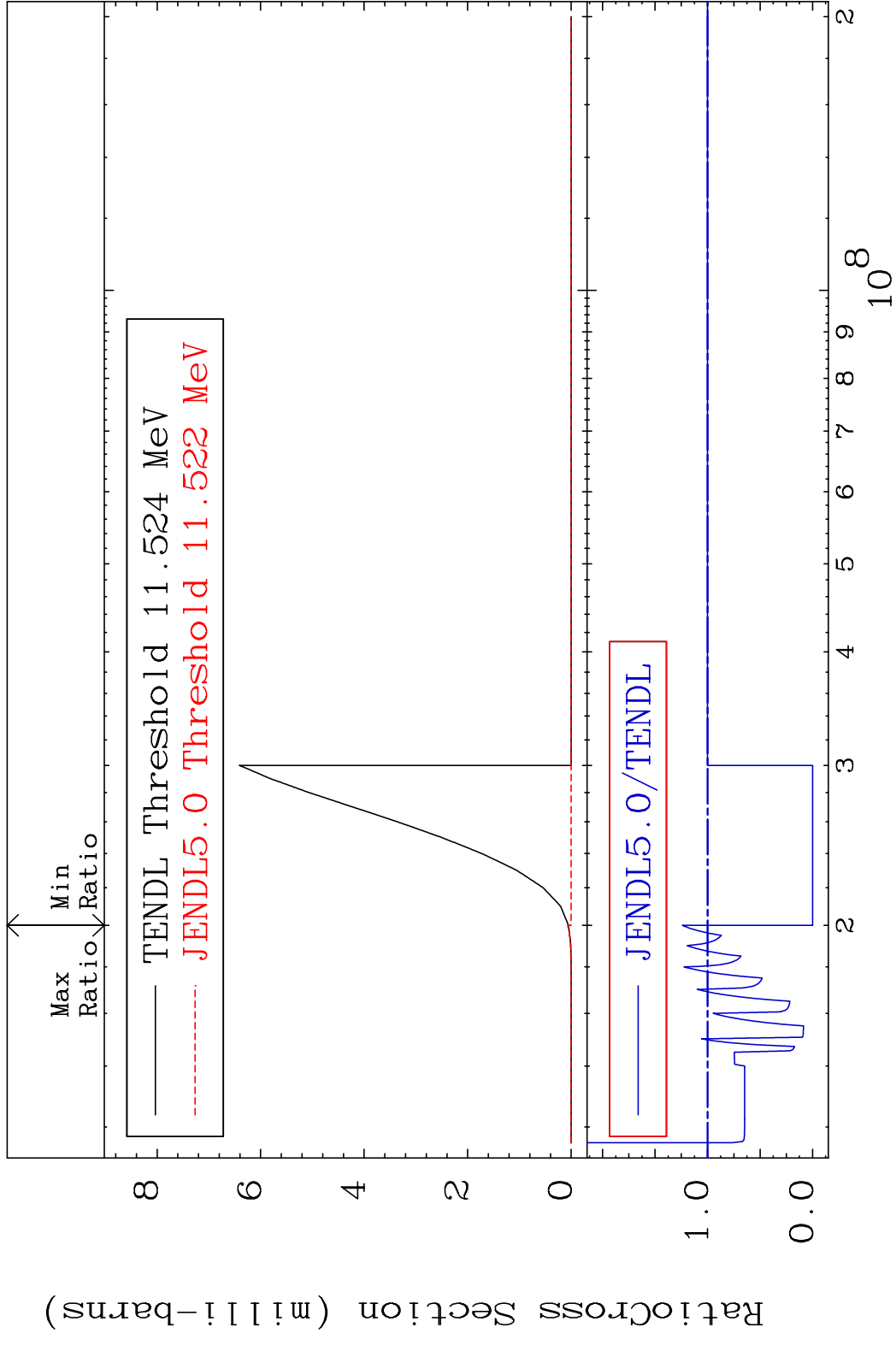
MAT 6928 Dpa inelastic (mt51-91) 69-Tm-170
 Cross Section -100.0 To 9999. %

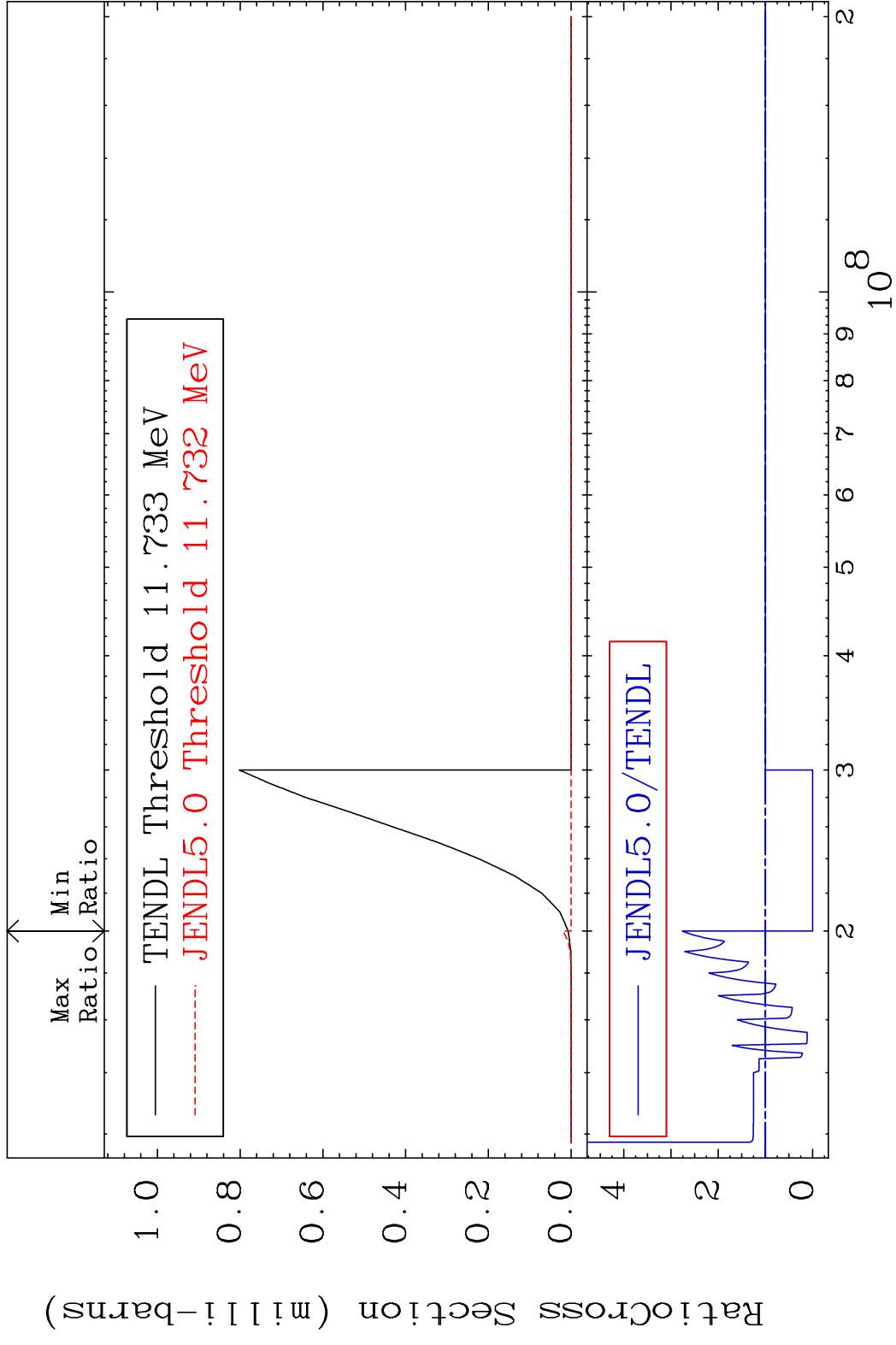


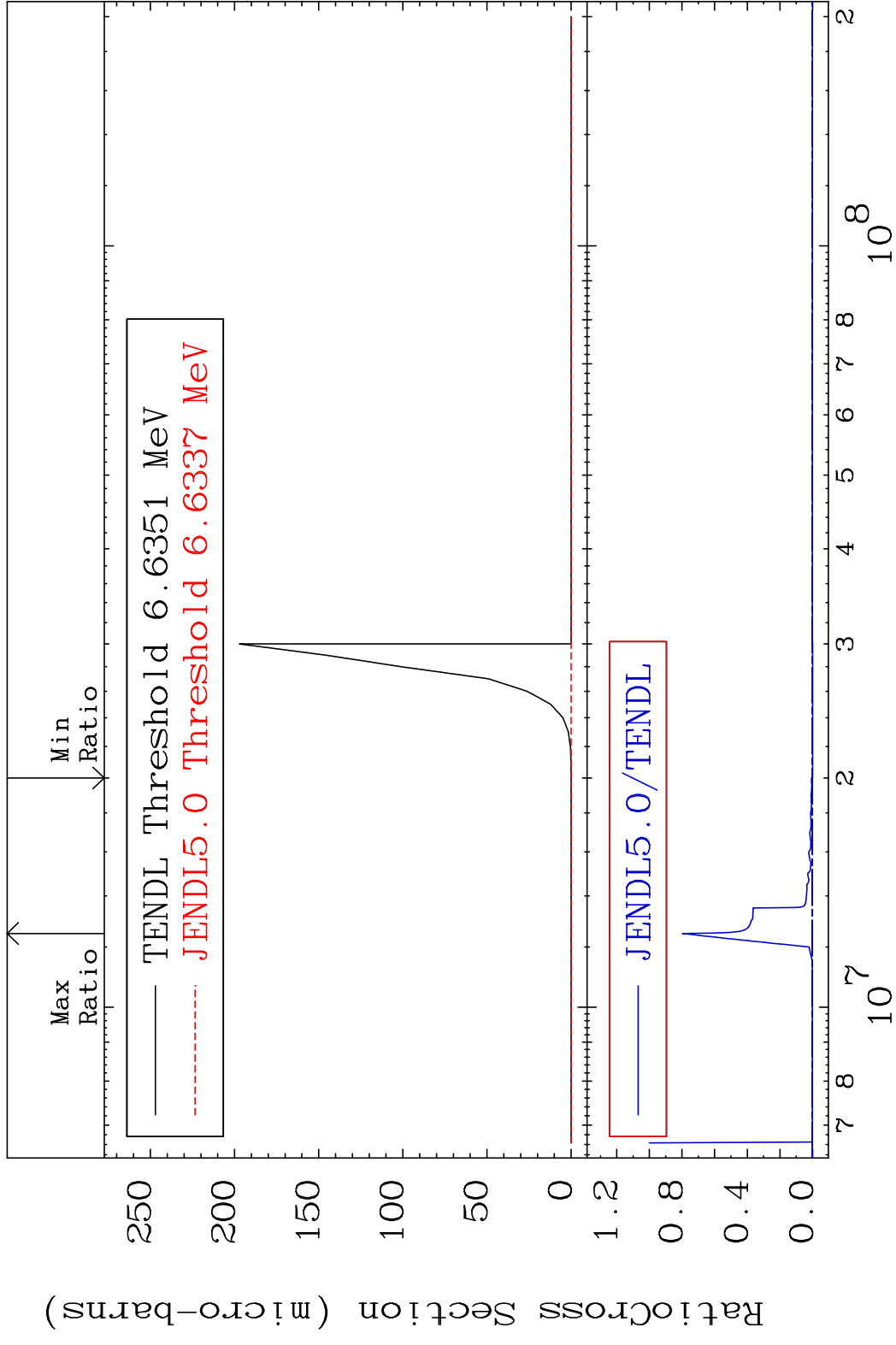
MAT 6928 Dpa disappearance (mt102 -120) 69-Tm-170
 Cross Section -100.0 To 9999. %



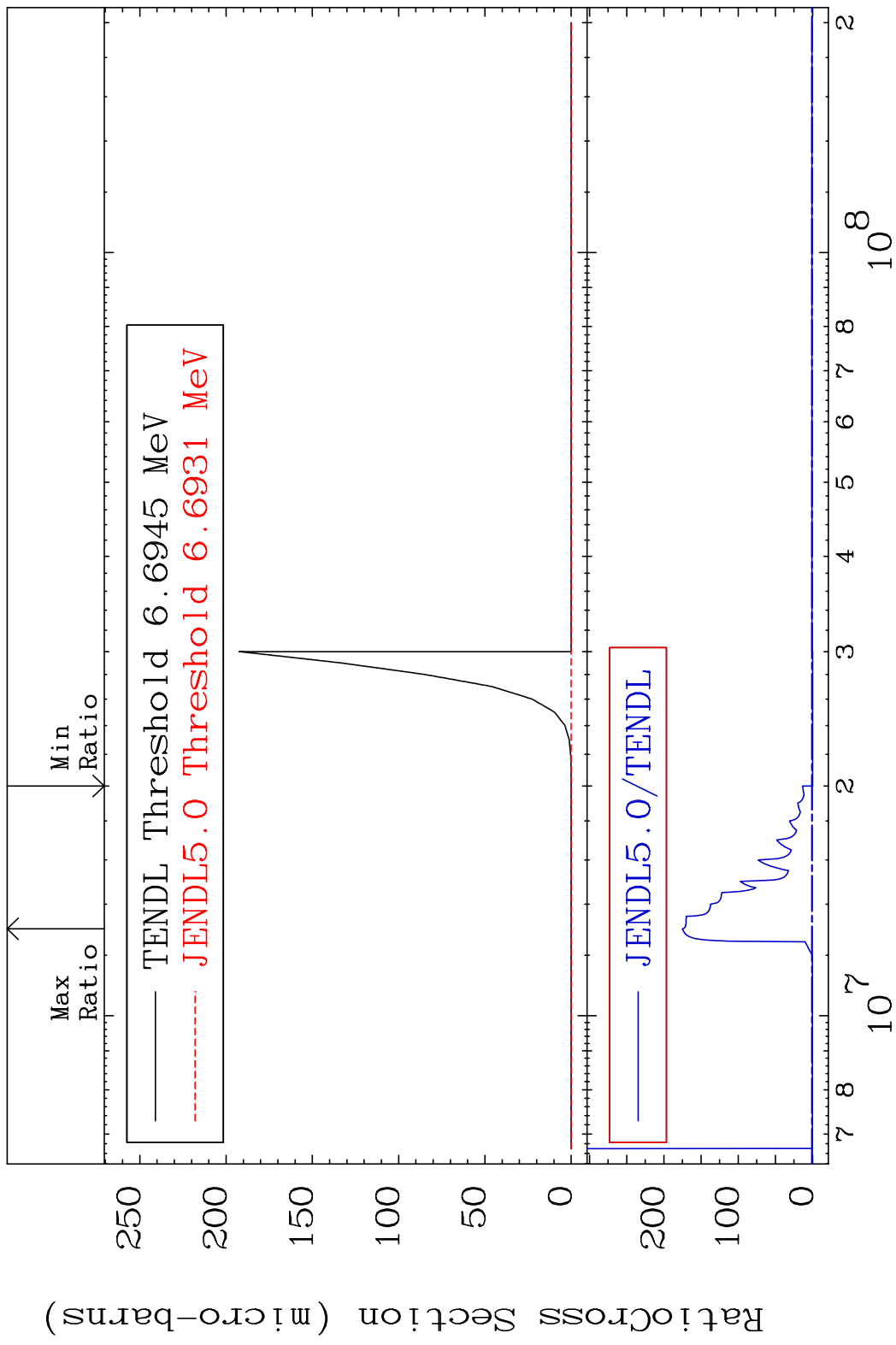
66 Incident Energy (eV) 69-Tm-170





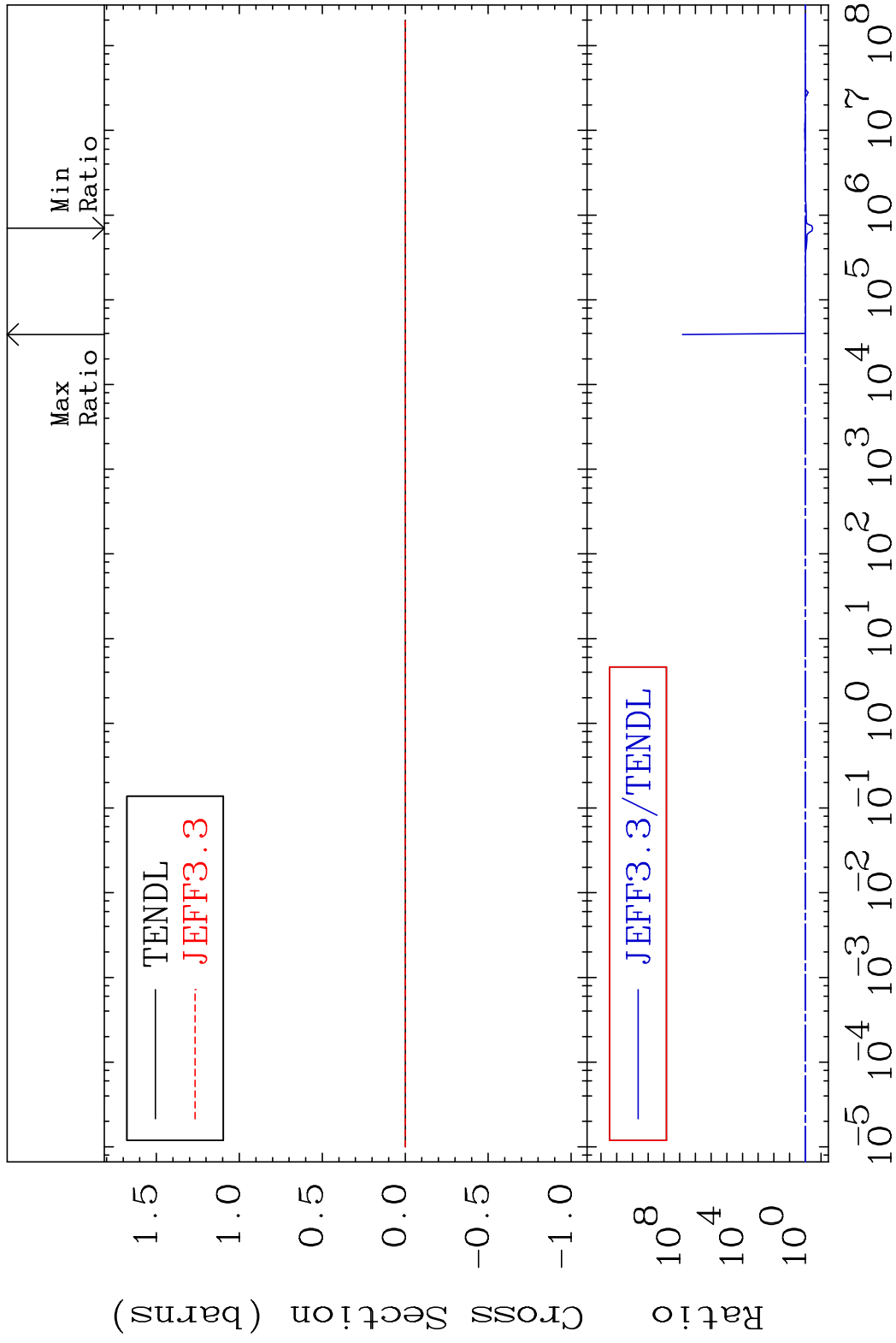


MAT 6928 (n, He-3) : 67-Ho-168m1 69-Tm-170
 Radionuclide Production Cross Section Ratio 9999. %



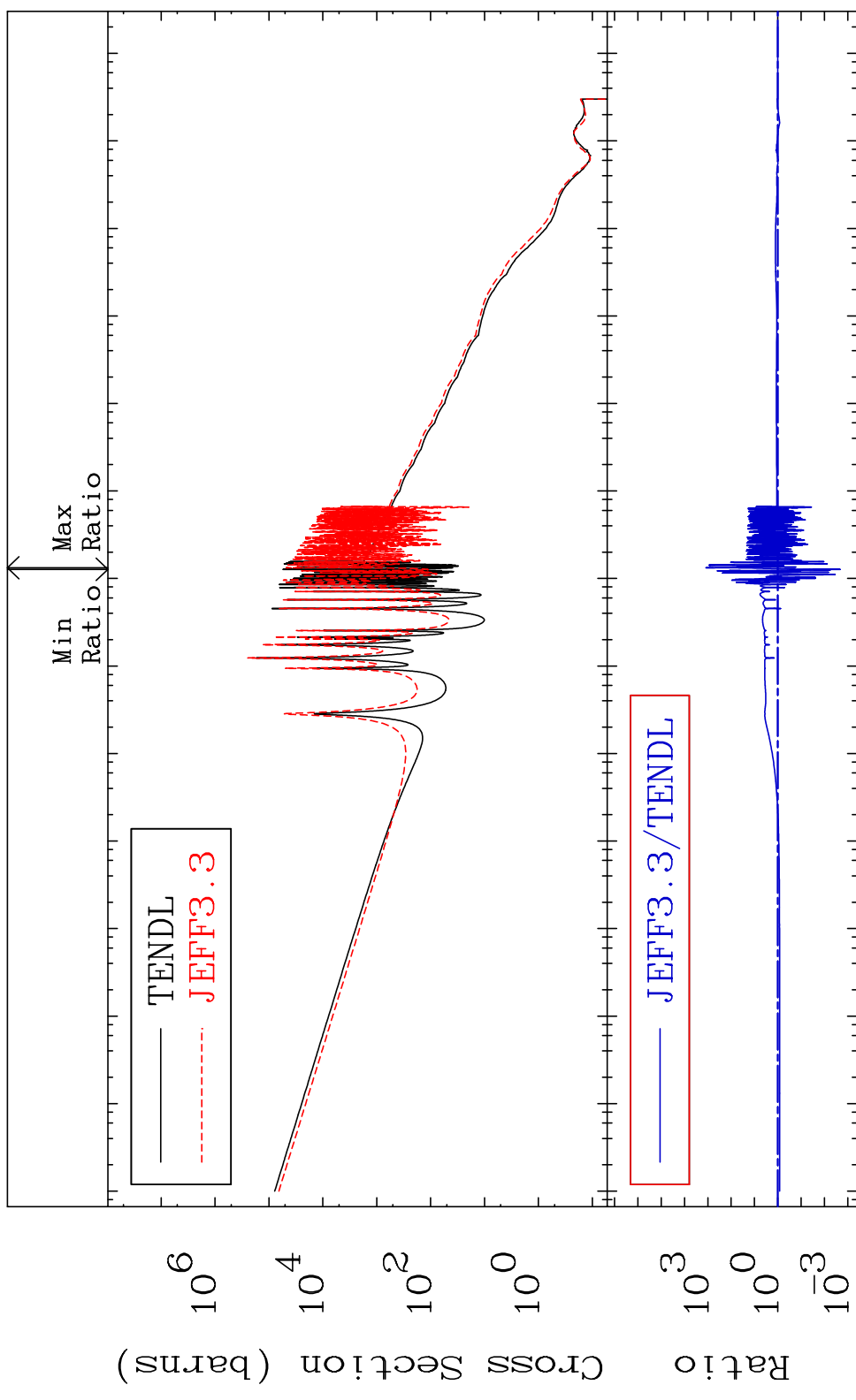
70 Incident Energy (eV) 69-Tm-170

MAT 6928 Kerma fission (mt18 or mt19-20-21-38) 69-Tm-170
 Cross Section -65.28 To 9999. %



MAT 6928

Kerma capture (mt102) 69-Tm-170
Cross Section -99.79 To 9999. %

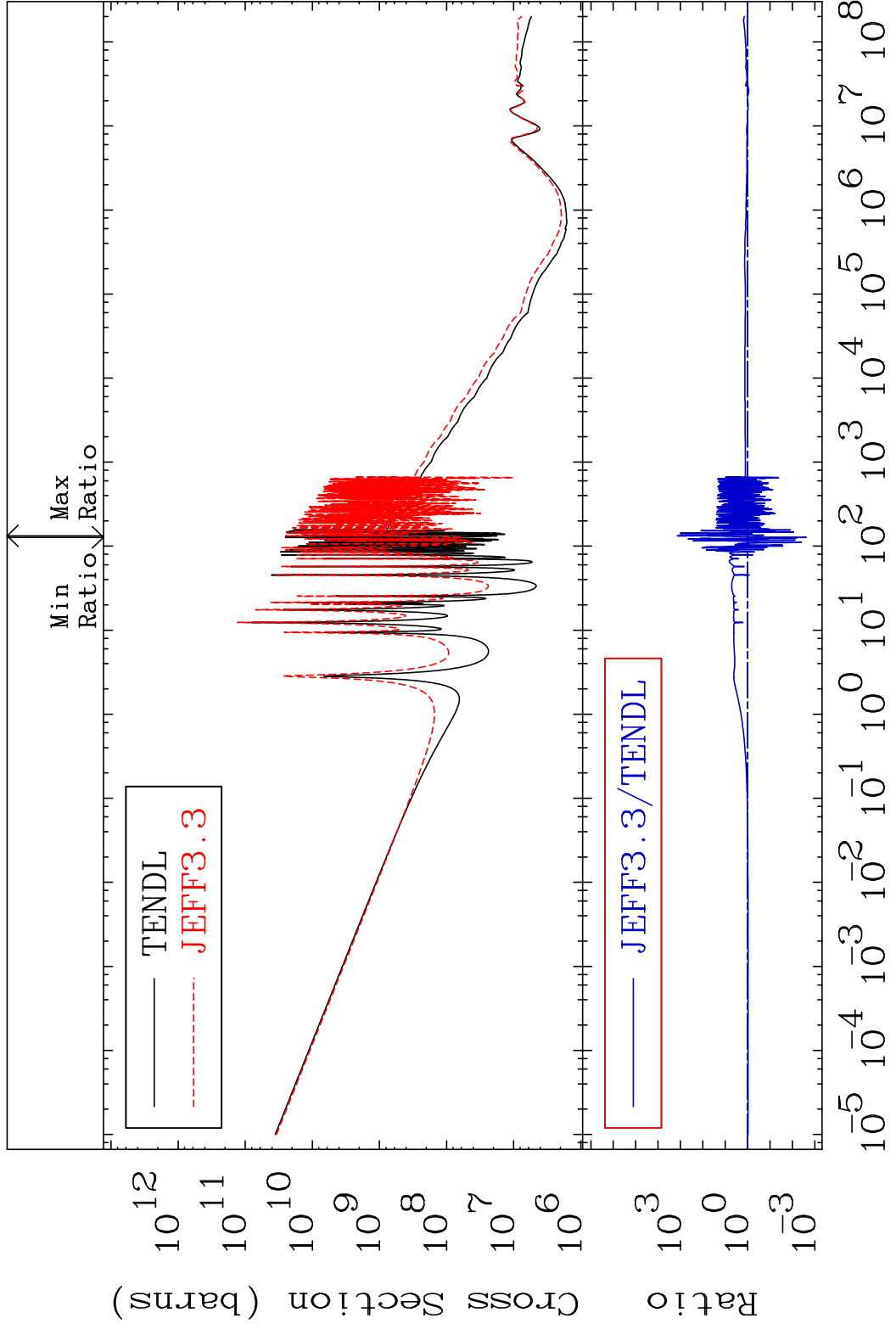


72

Incident Energy (eV) 69-Tm-170

MAT 6928

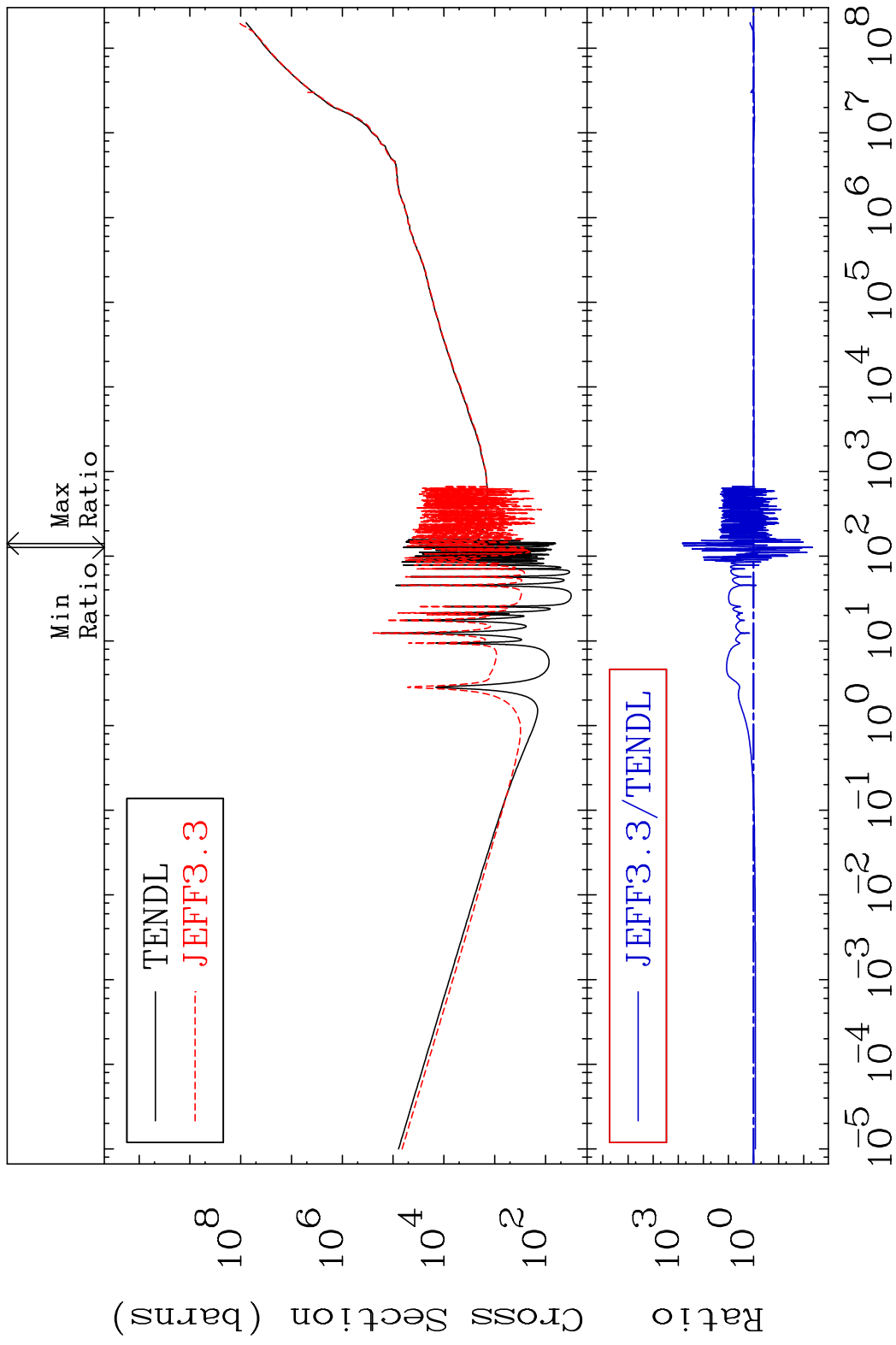
Total photon (eV-barns) 69-Tm-170
Cross Section -99.76 To 9999. %



73

Incident Energy (eV) 69-Tm-170

MAT 6928 Total kinematic kerma (high limit) 69-Tm-170
 Cross Section -99.55 To 9999. %



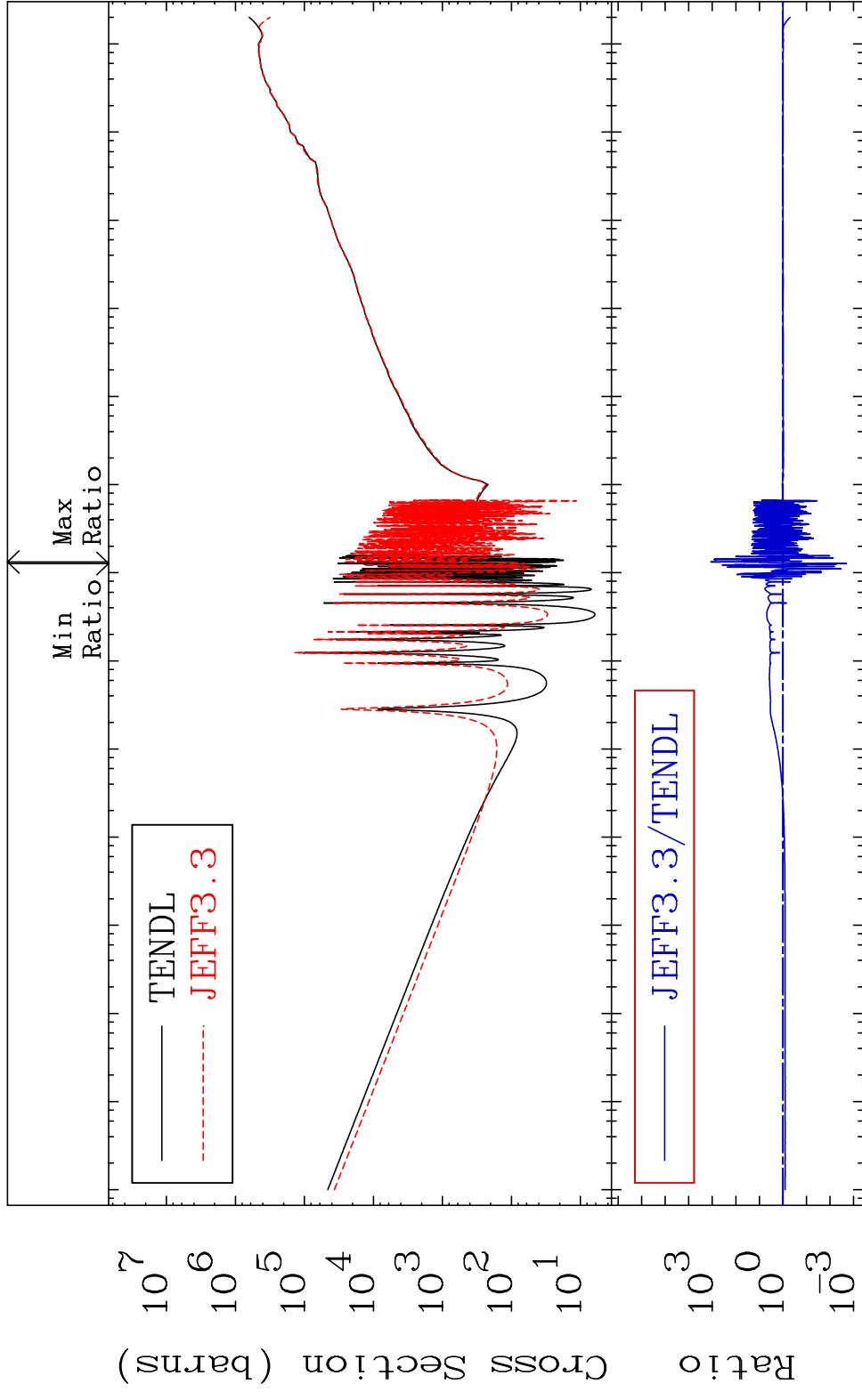
74 Incident Energy (eV) 69-Tm-170

MAT 6928

Dpa total (eV-barns)

69-Tm-170

Cross Section -99.80 To 9999. %



75

Incident Energy (eV)

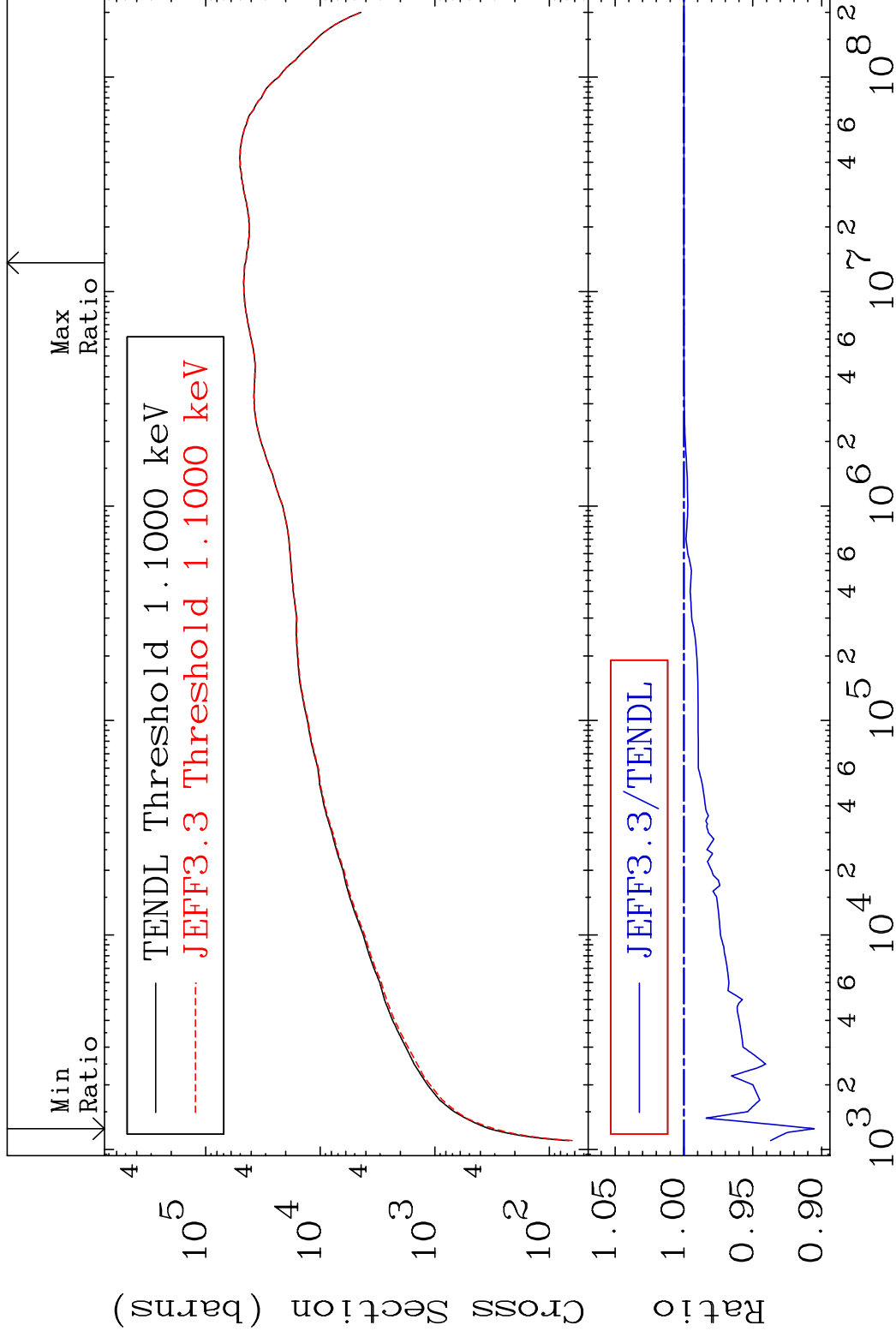
69-Tm-170

MAT 6928

Dpa elastic (mt2)

69-Tm-170

Cross Section -9.454 To 0.020 %



76

Incident Energy (eV)

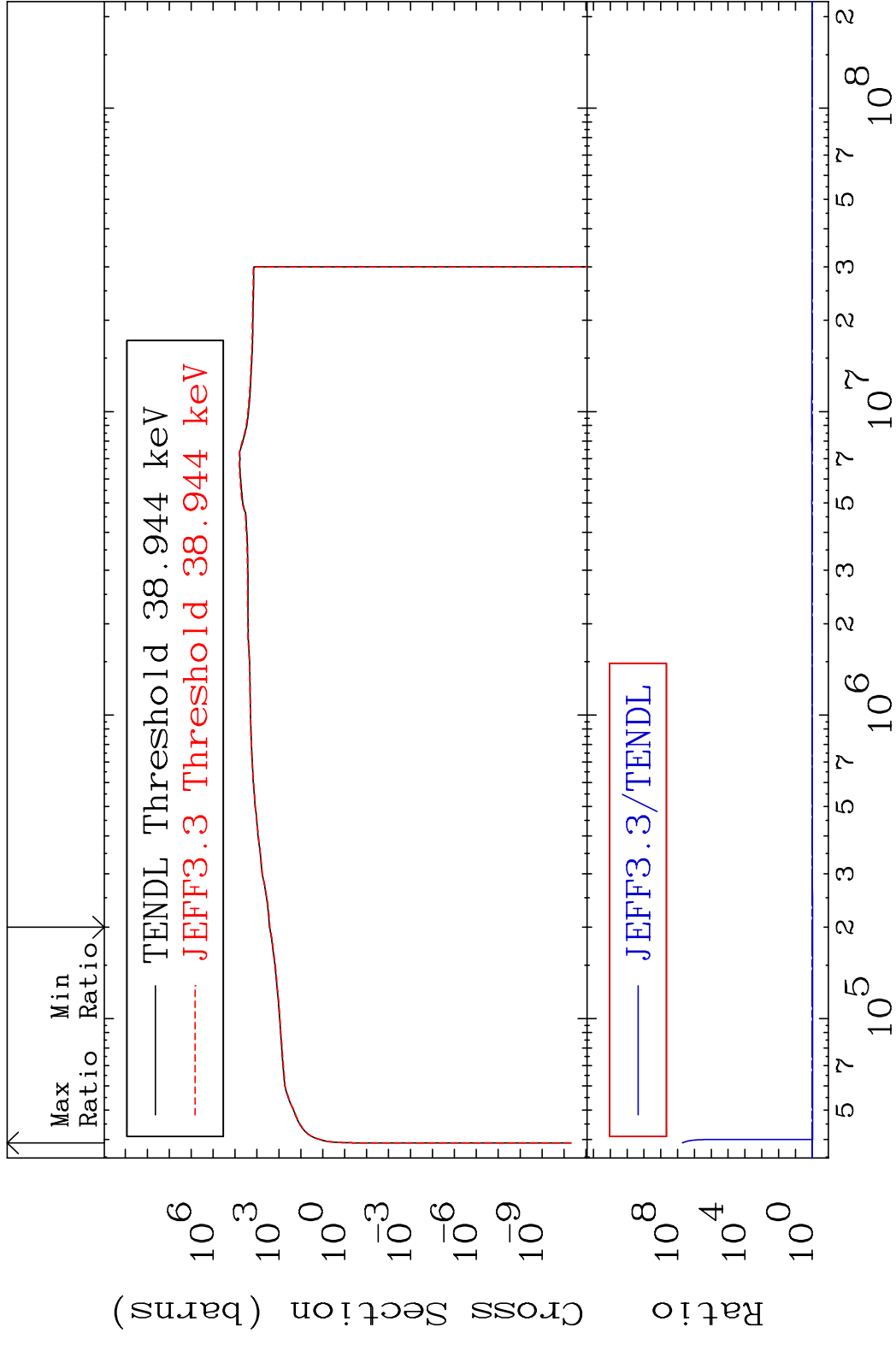
69-Tm-170

MAT 6928

Dpa inelastic (mt51-91)

69-Tm-170

Cross Section -4.176 To 9999. %

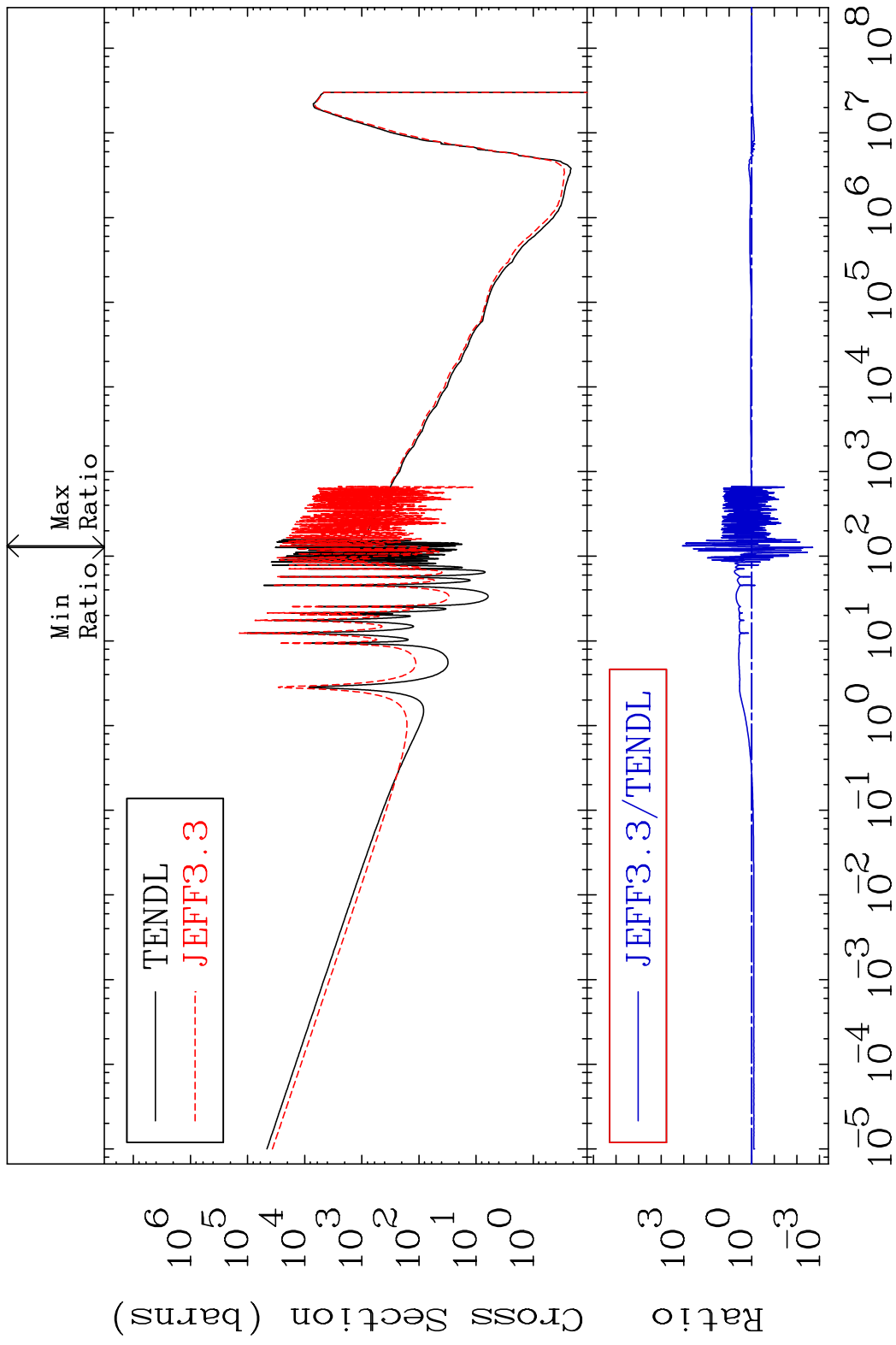


77

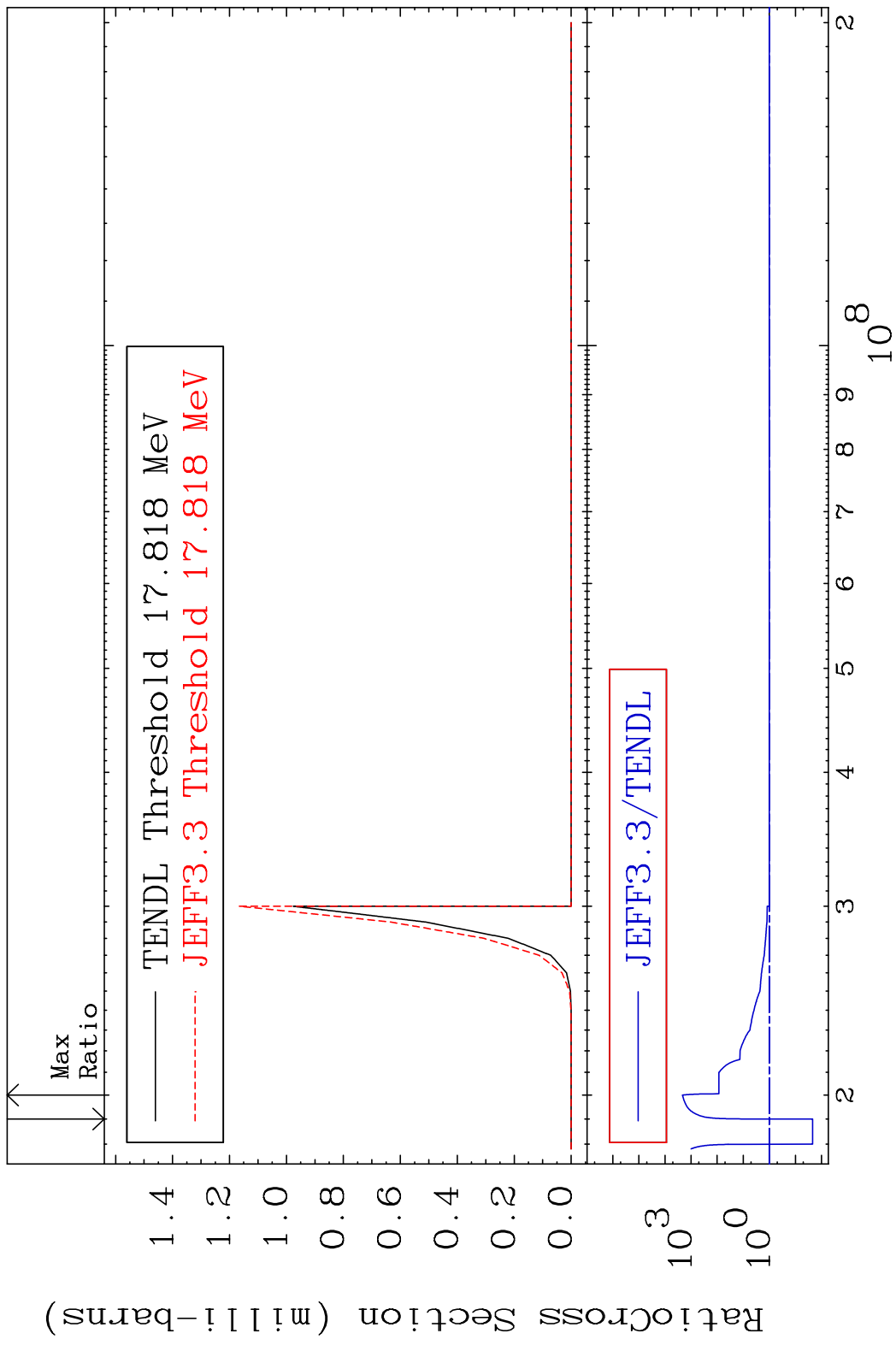
Incident Energy (eV)

69-Tm-170

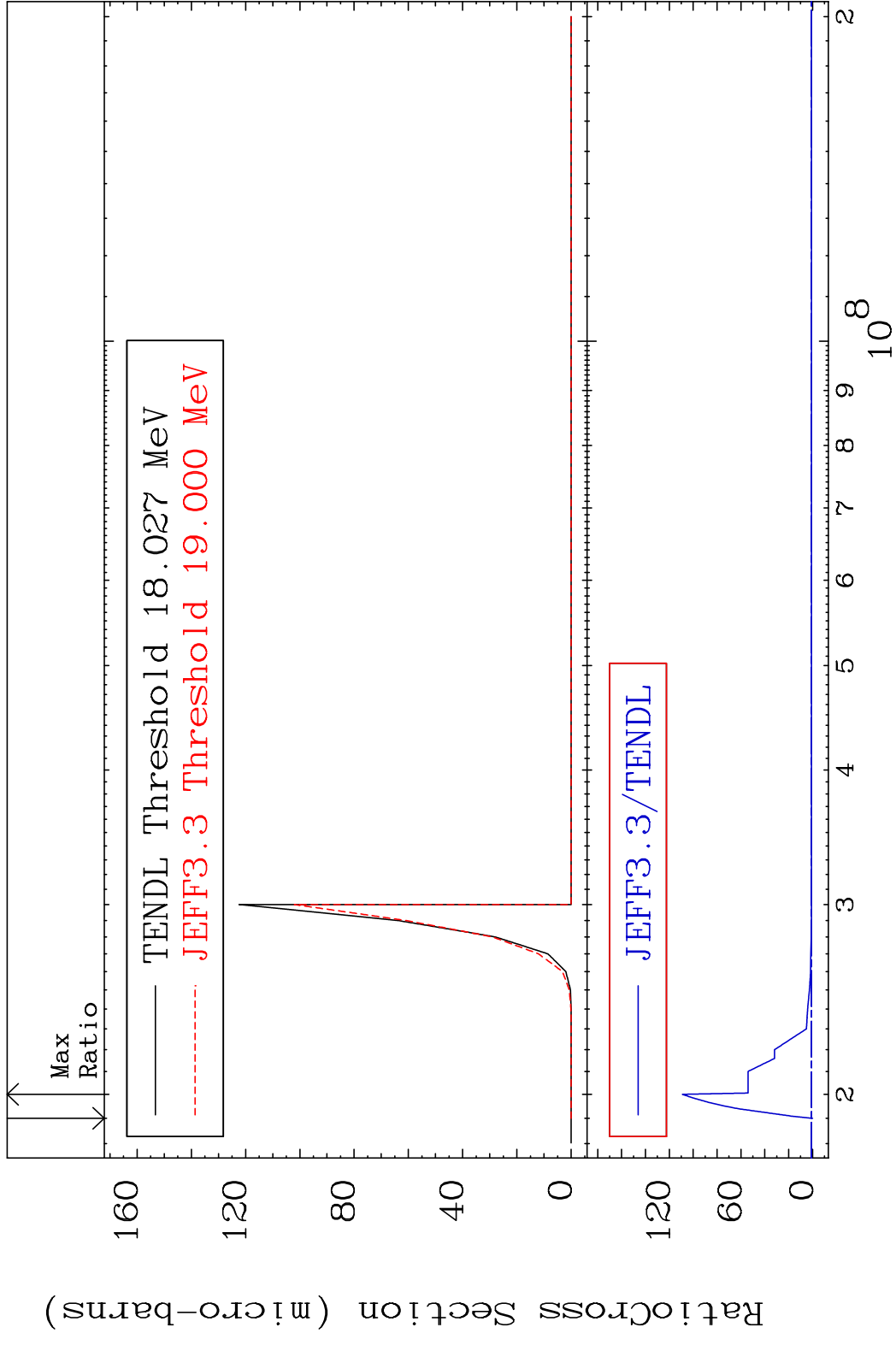
MAT 6928 Dpa disappearance (mt102 -120) 69-Tm-170
 Cross Section -99.80 To 9999. %



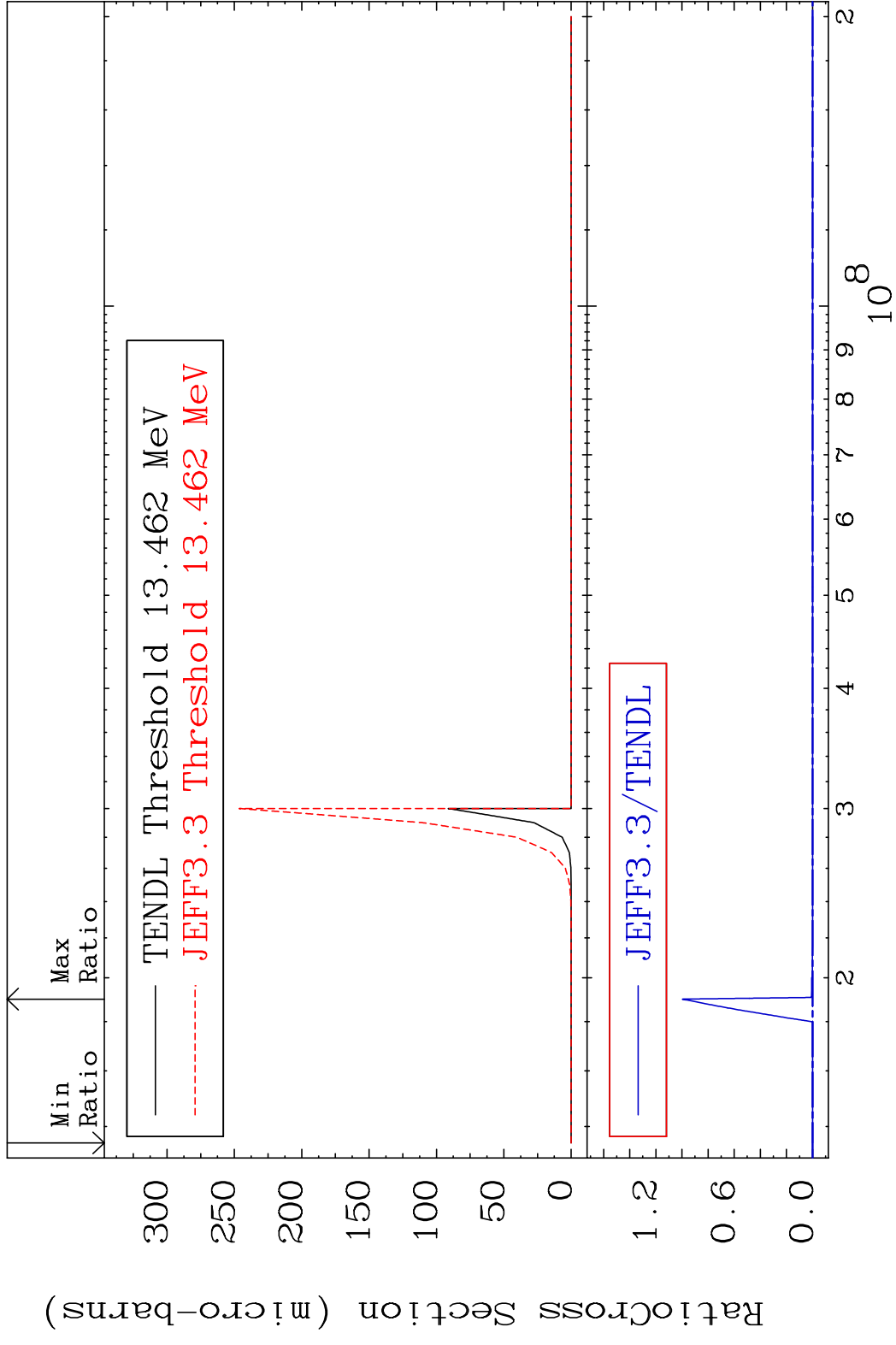
78 Incident Energy (eV) 69-Tm-170

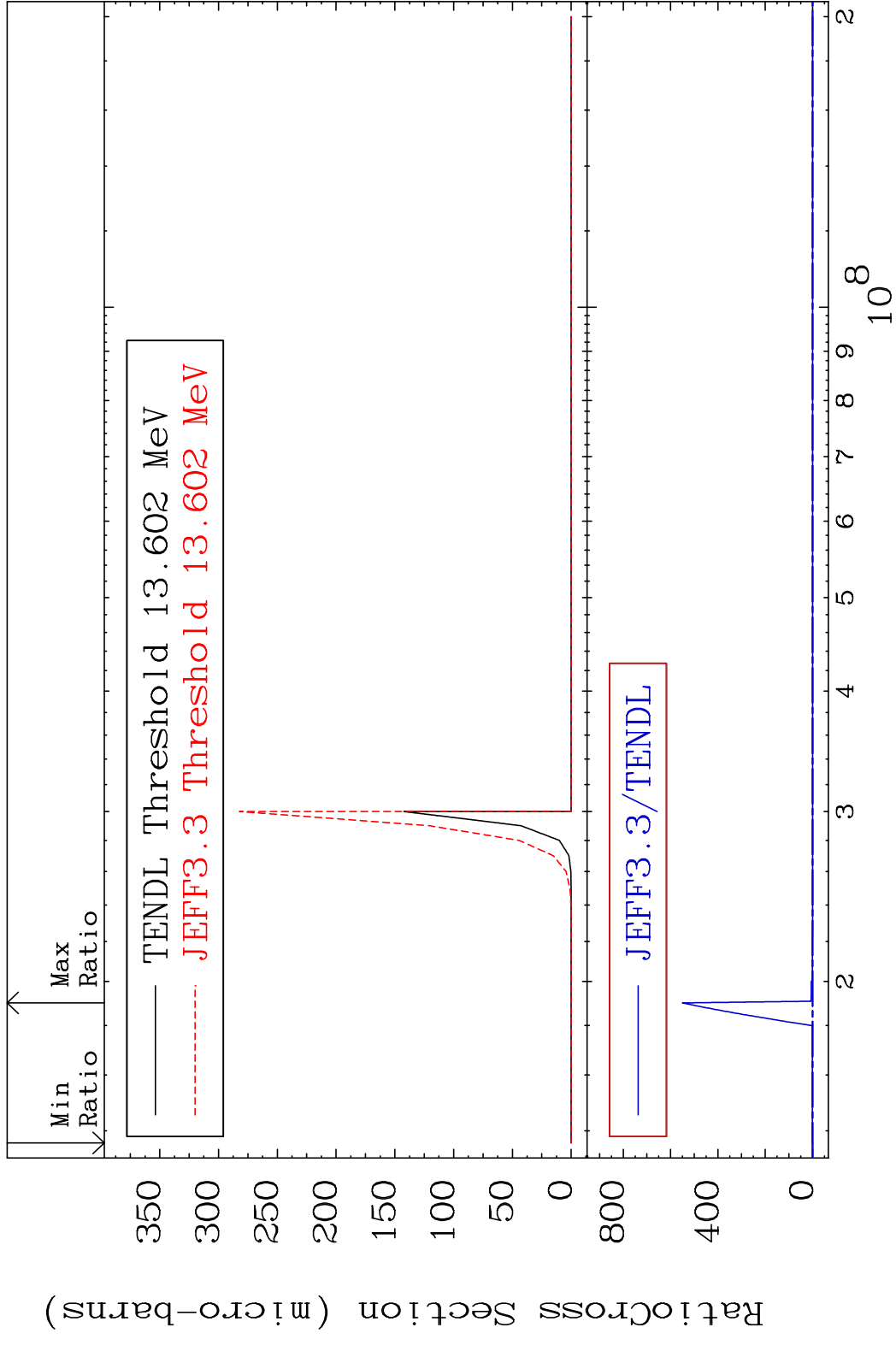


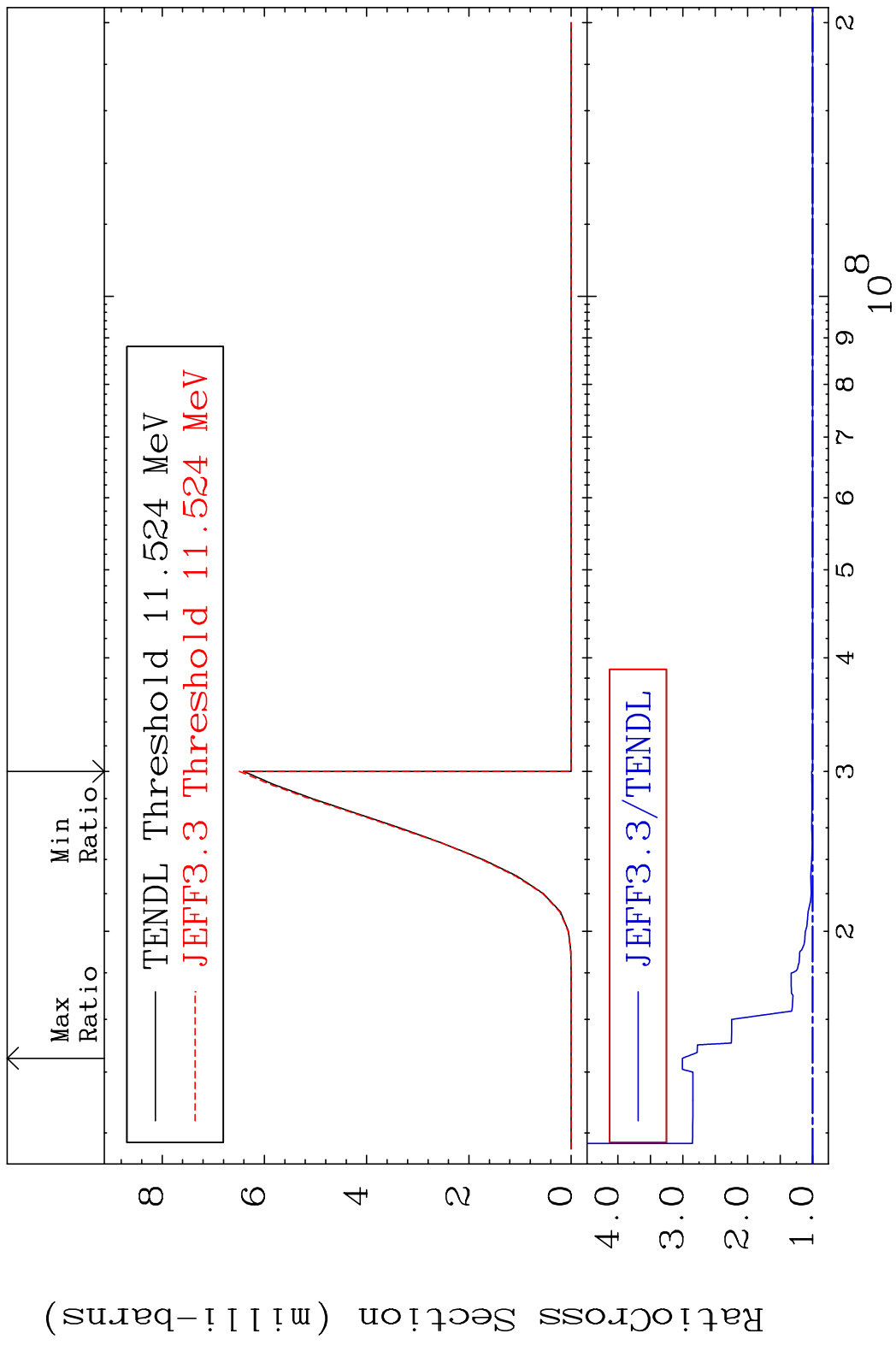
MAT 6928 (n,2n) d:68-Er-167m3 69-Tm-170
 Radionuclide Production Cross Section 100.00 d:to 9999. %

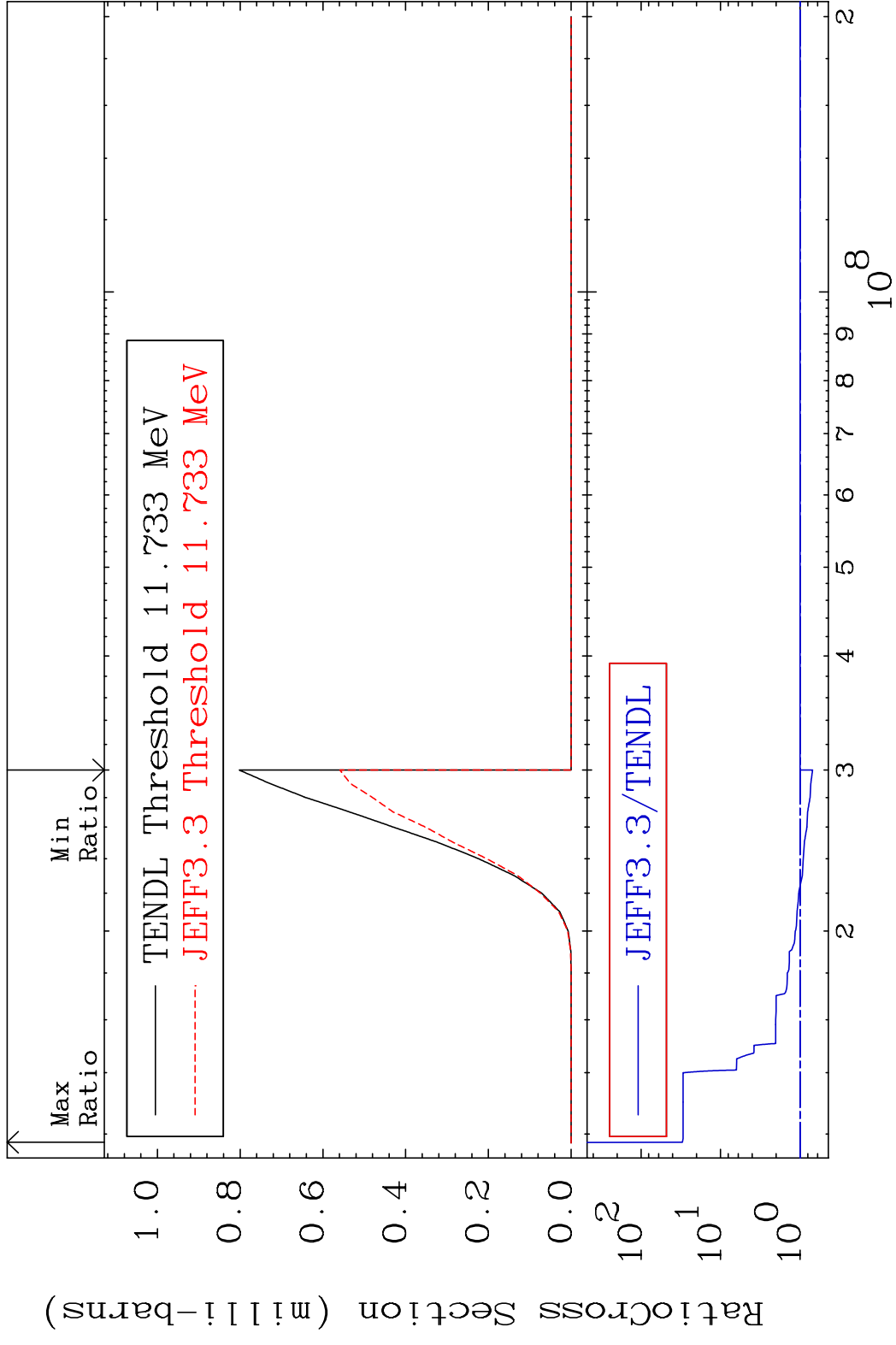


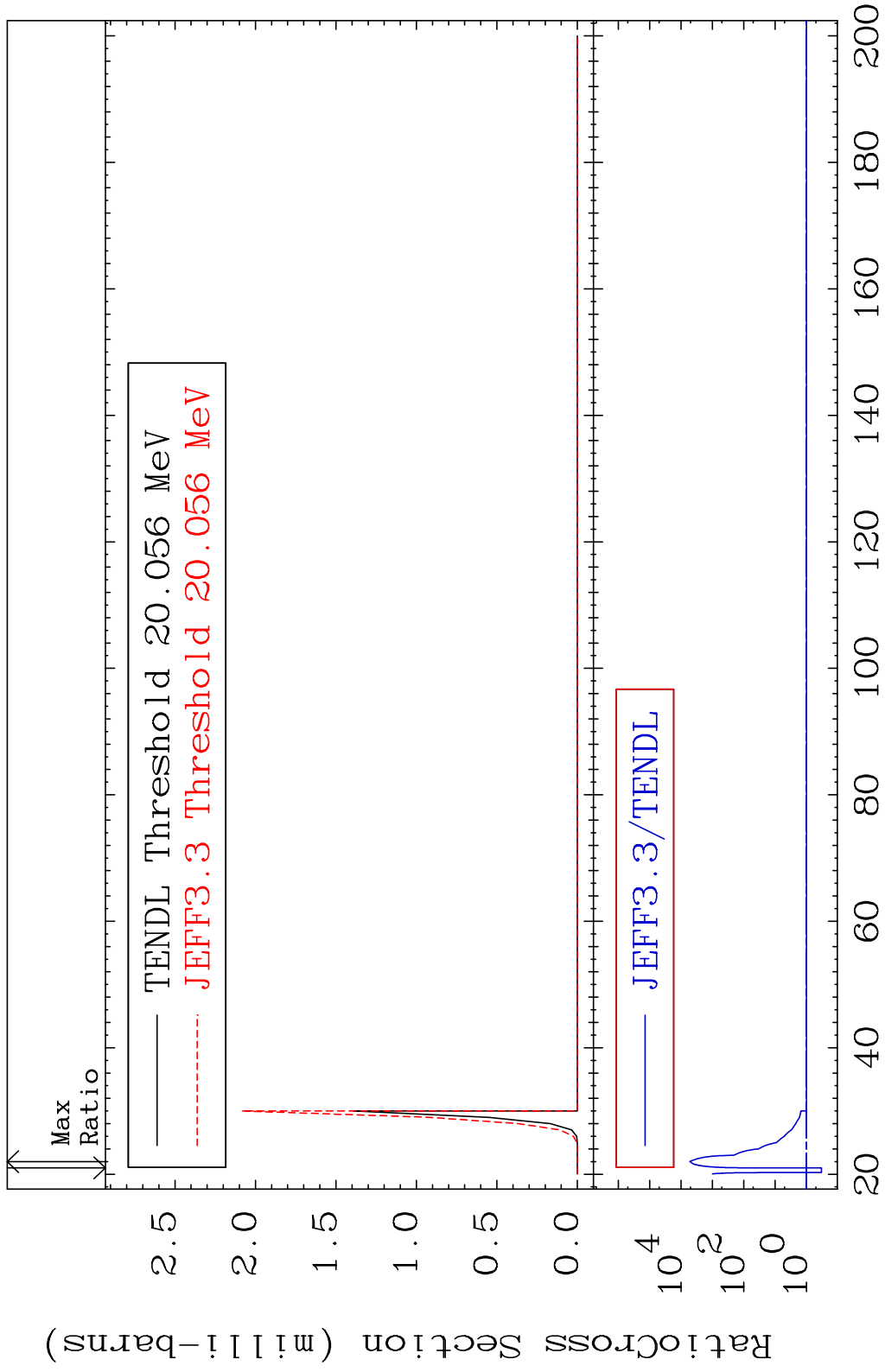
80 Incident Energy (eV) 69-Tm-170

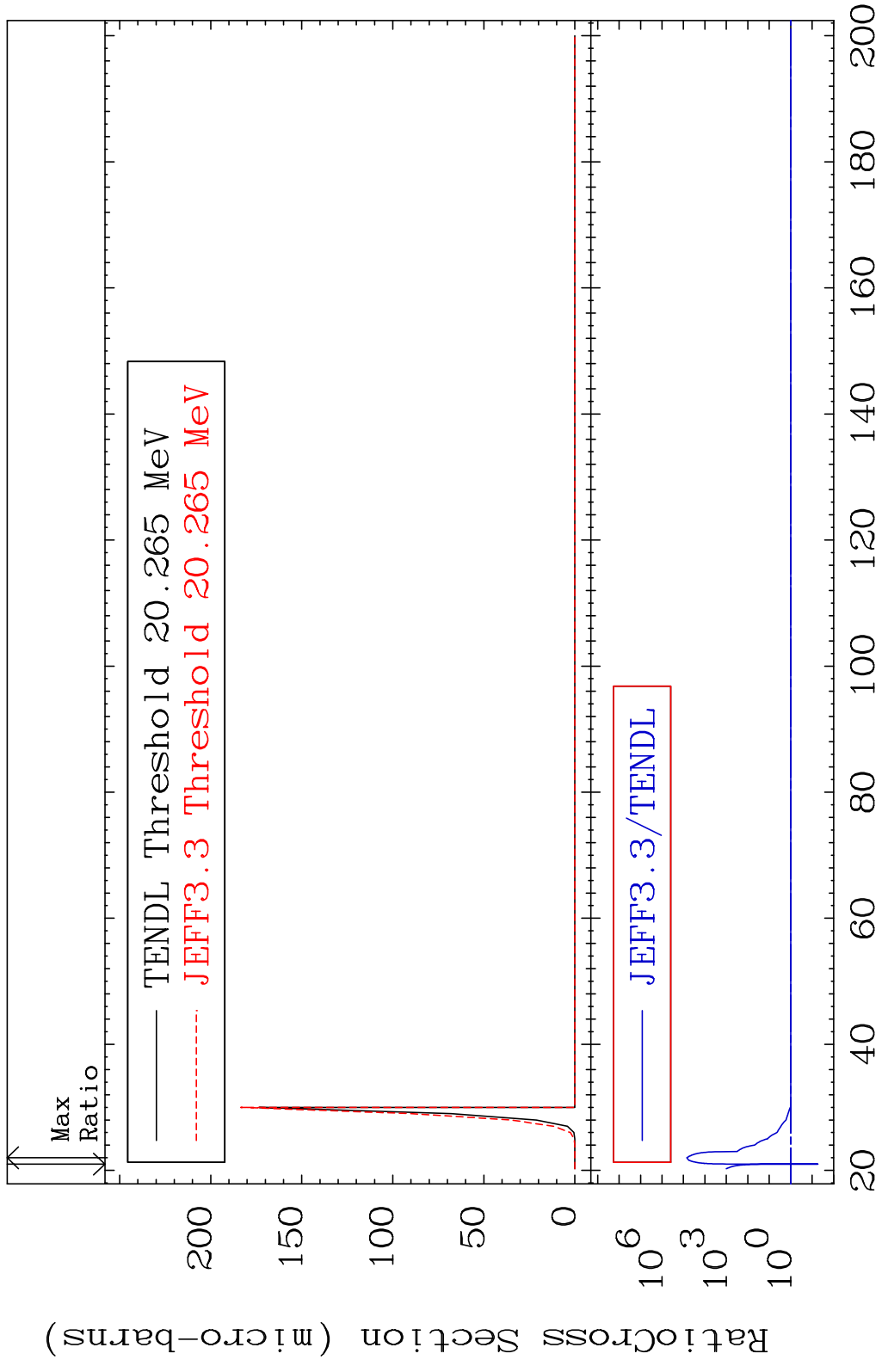


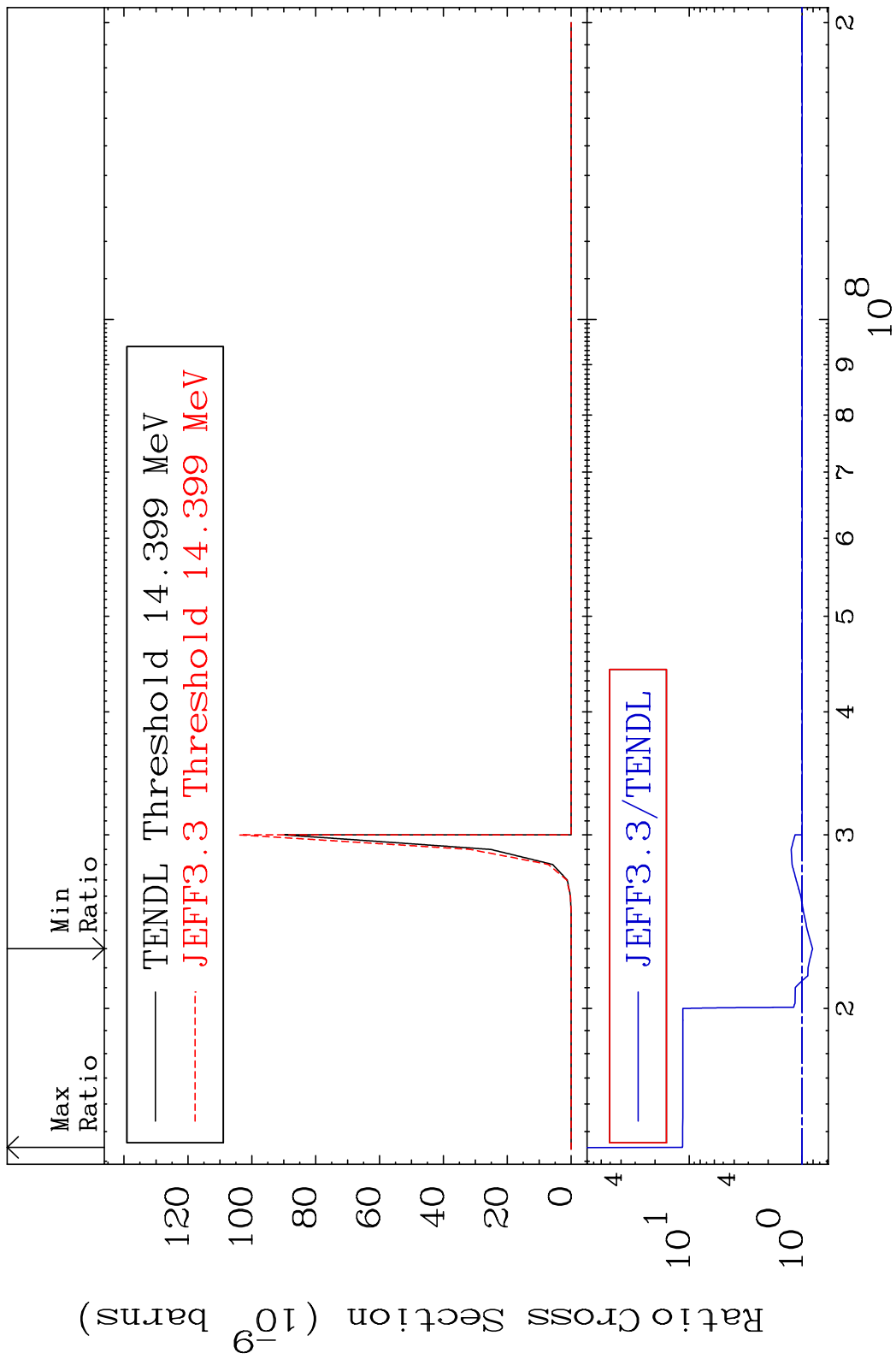


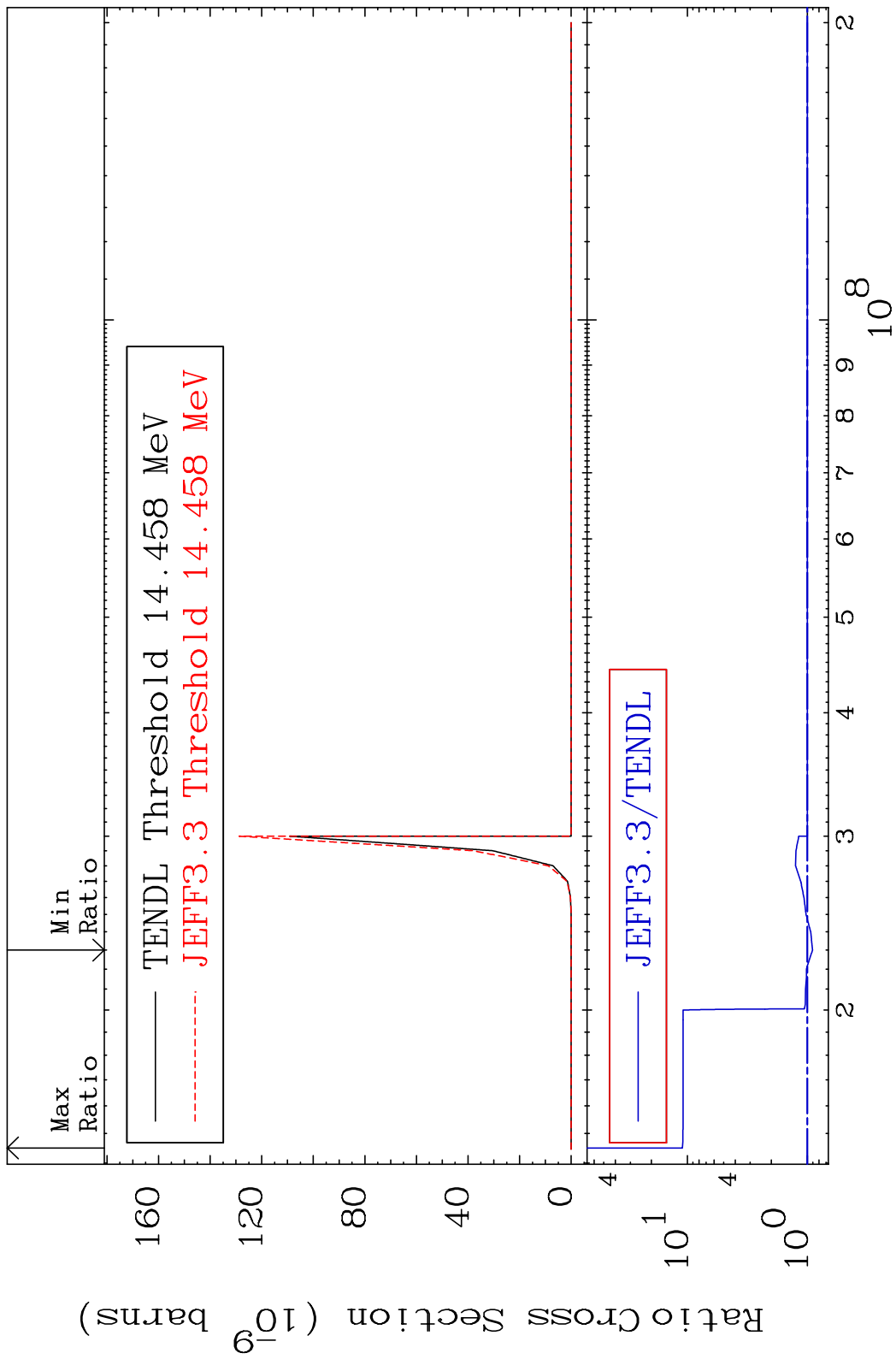


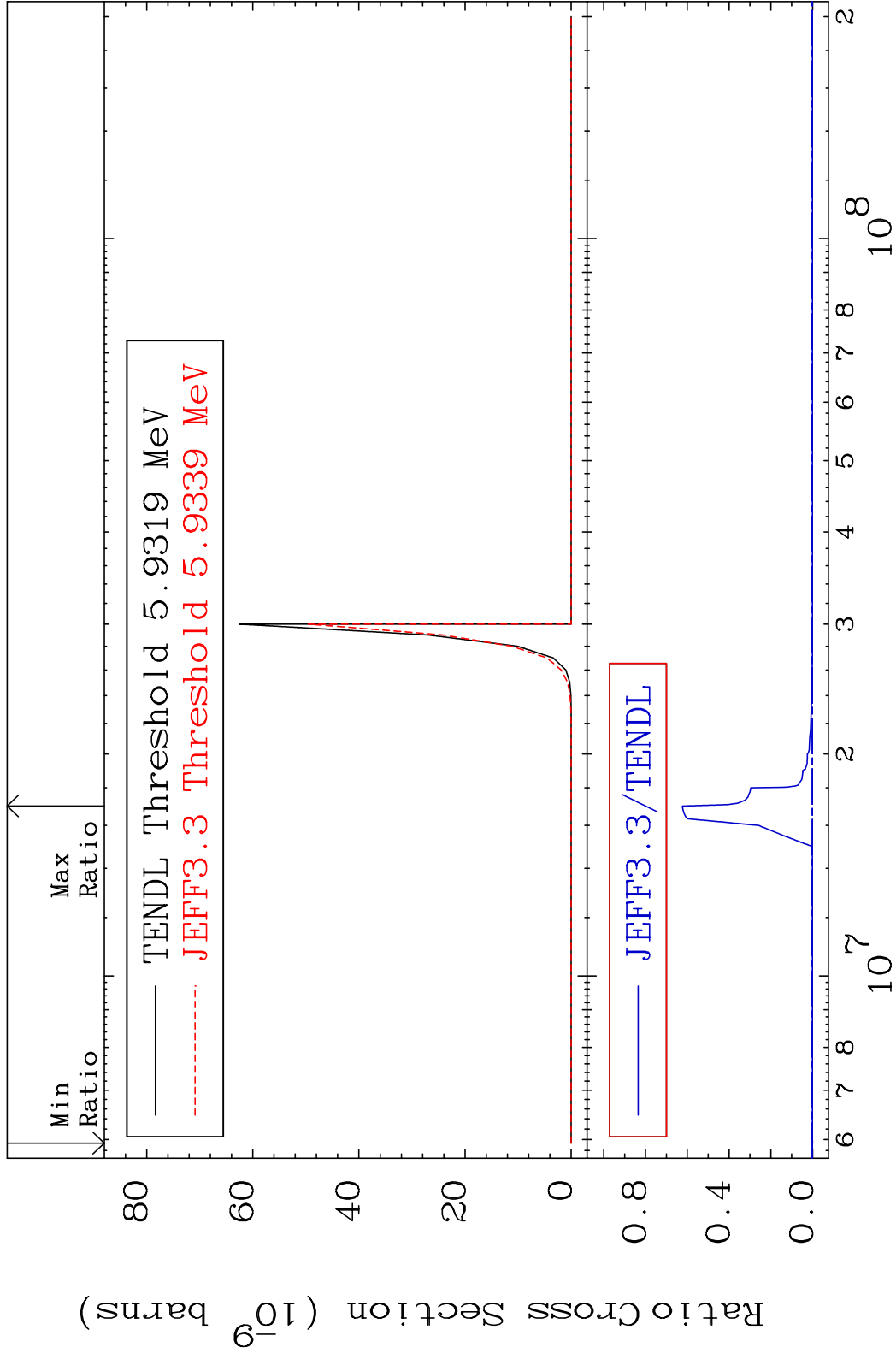












MAT 6928 (n, n') p α :66-Dy-165m2 69-Tm-170
 Radionuclide Production Cross Section 39.5 d to 9999. %

