

Program Complot
(Version 2021-1)

by

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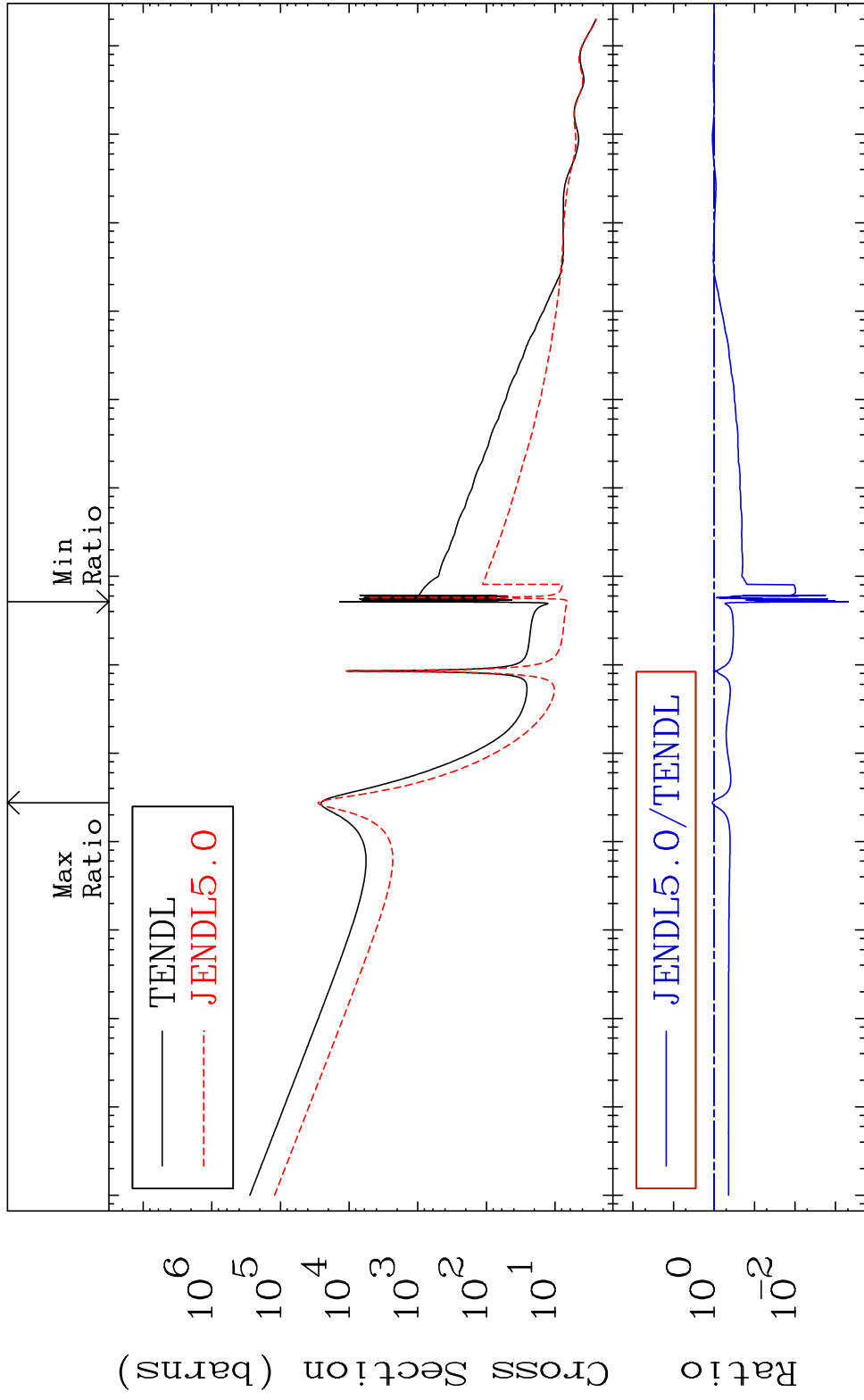
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6729

Total 67-Ho-166m

Cross Section -99.95 To 9.919 %



1 Incident Energy (eV) 67-Ho-166m

MAT 6729

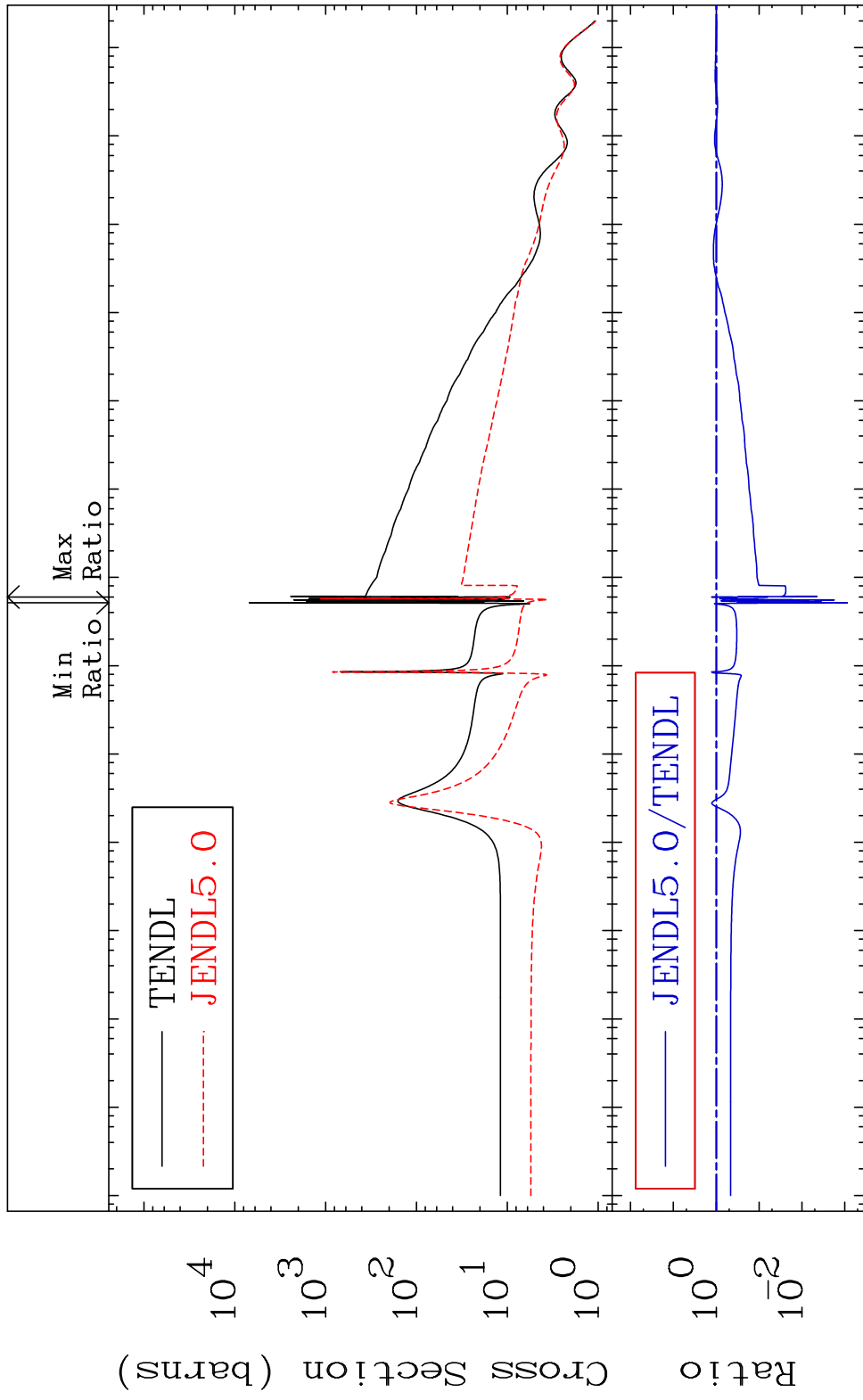
Elastic

67-Ho-166m

Cross Section

-99.91

To 28.59 %



2

Incident Energy (eV)

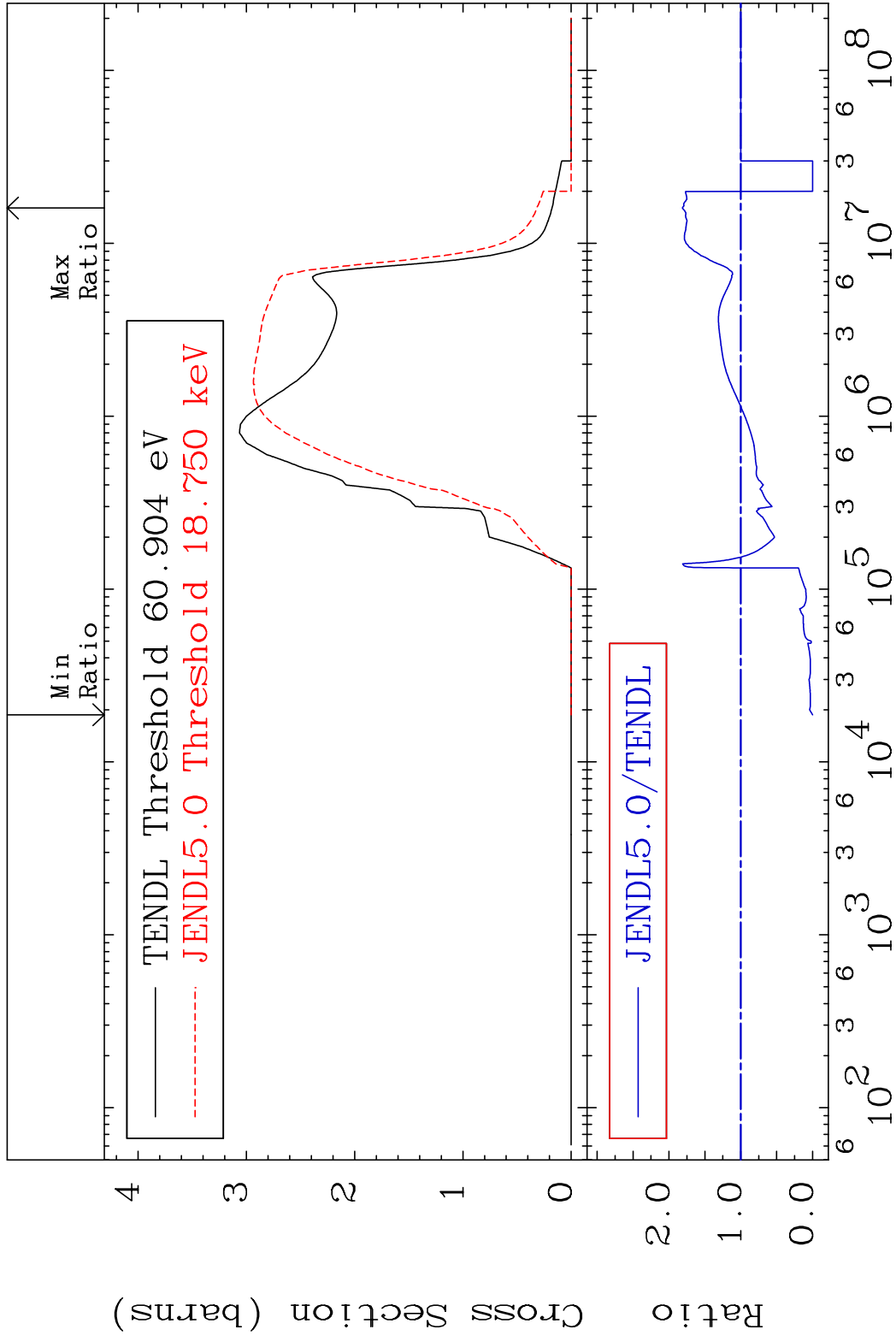
67-Ho-166m

MAT 6729

Inelastic

67-Ho-166m

Cross Section -100.0 To 81.33 %



3

Incident Energy (eV)

67-Ho-166m

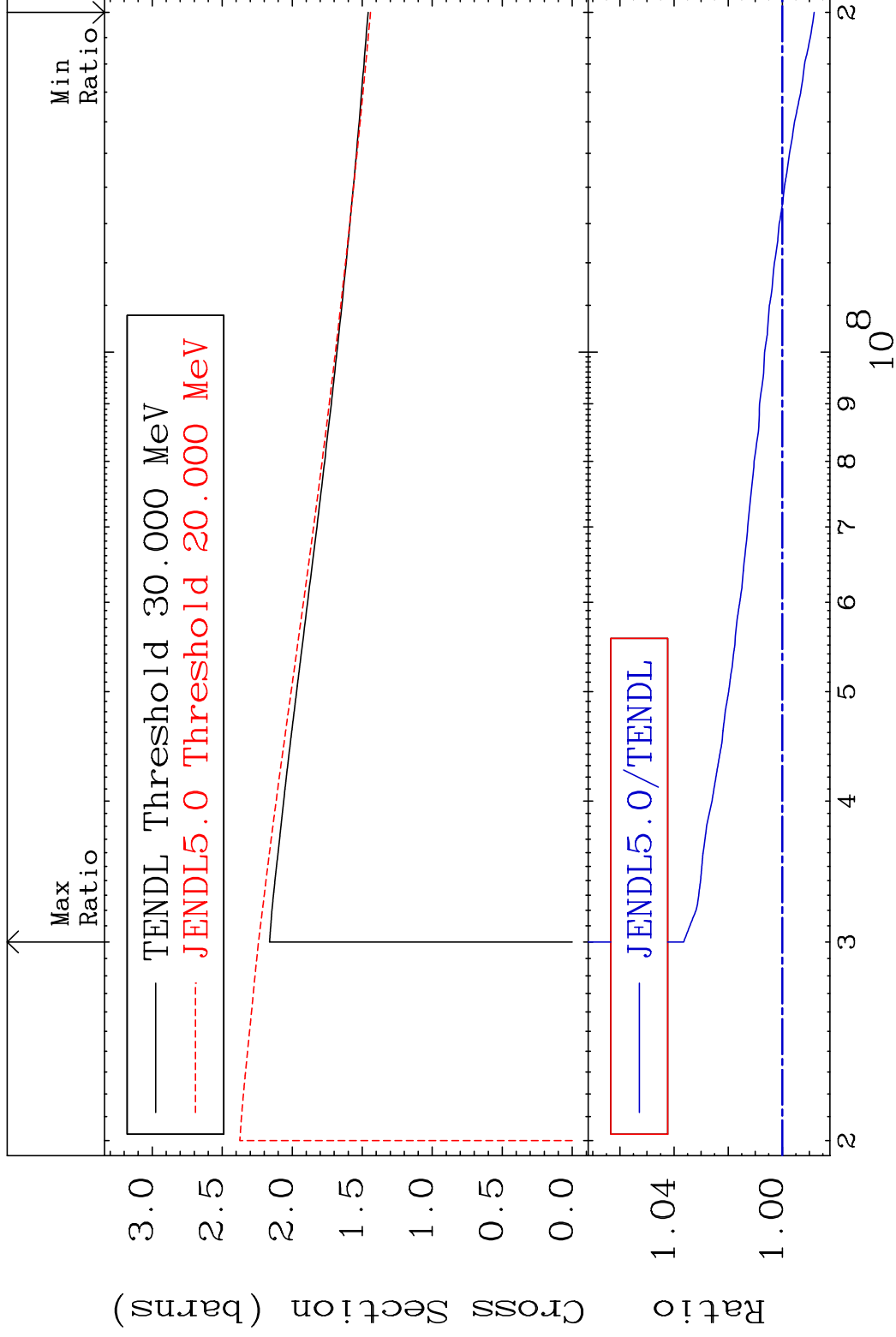
MAT 6729

(n, remainder)

67-Ho-166m

Cross Section

-1.175 To 3.645 %



4

Incident Energy (eV)

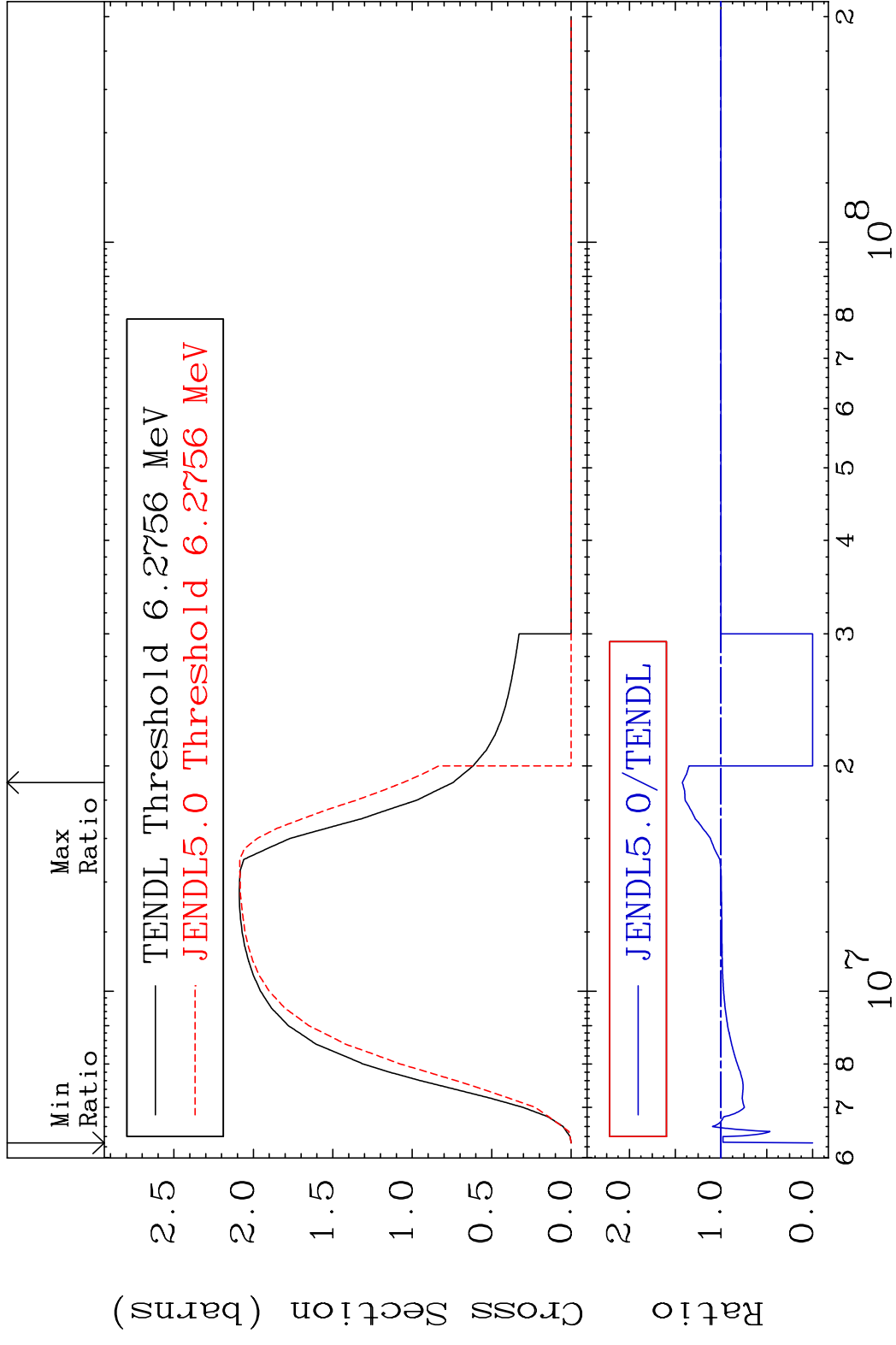
67-Ho-166m

MAT 6729

(n,2n)

67-Ho-166m

Cross Section -100.0 To 42.23 %



5

Incident Energy (eV)

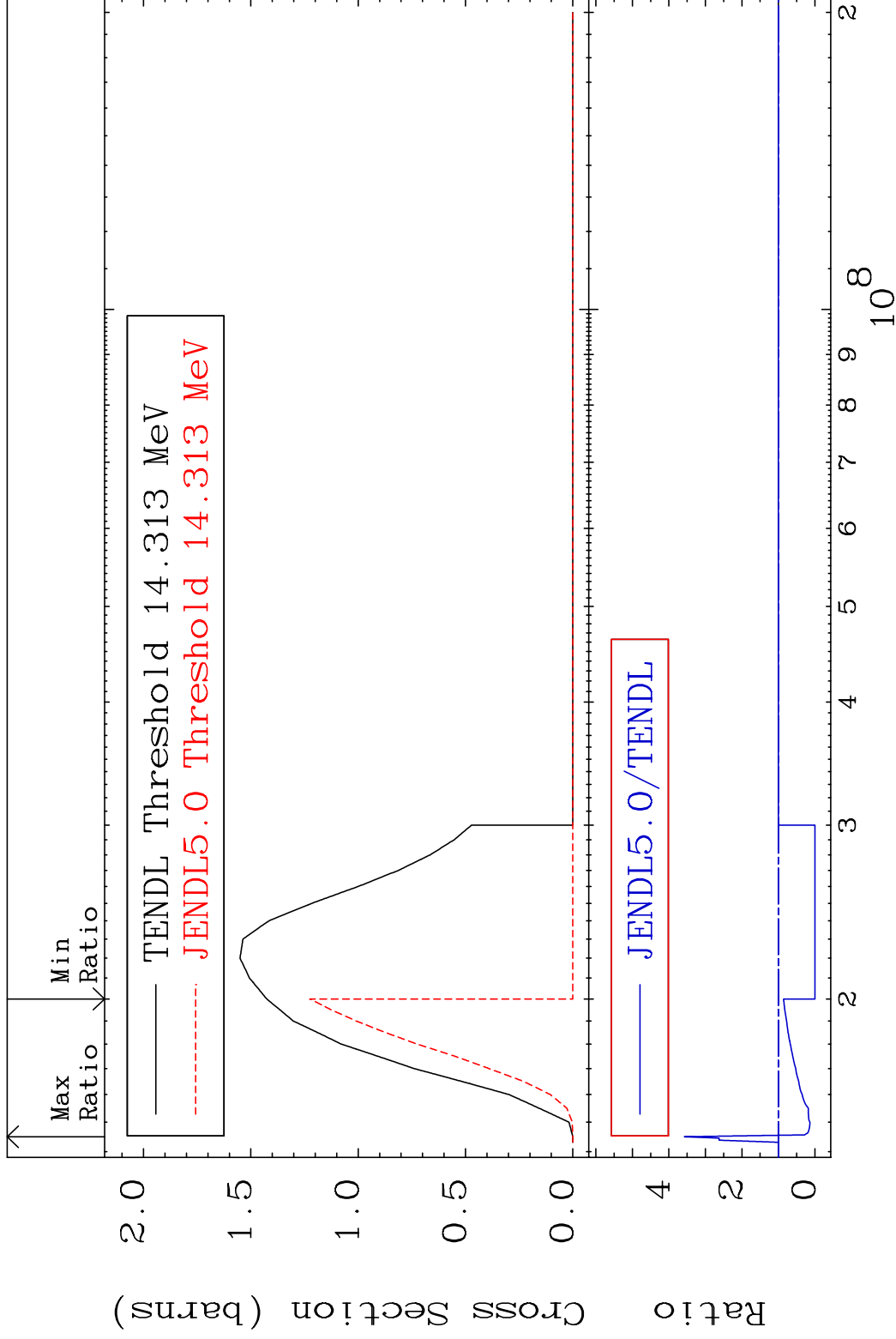
67-Ho-166m

MAT 6729

(n,3n)

67-Ho-166m

Cross Section -100.0 To 257.7 %



6

Incident Energy (eV)

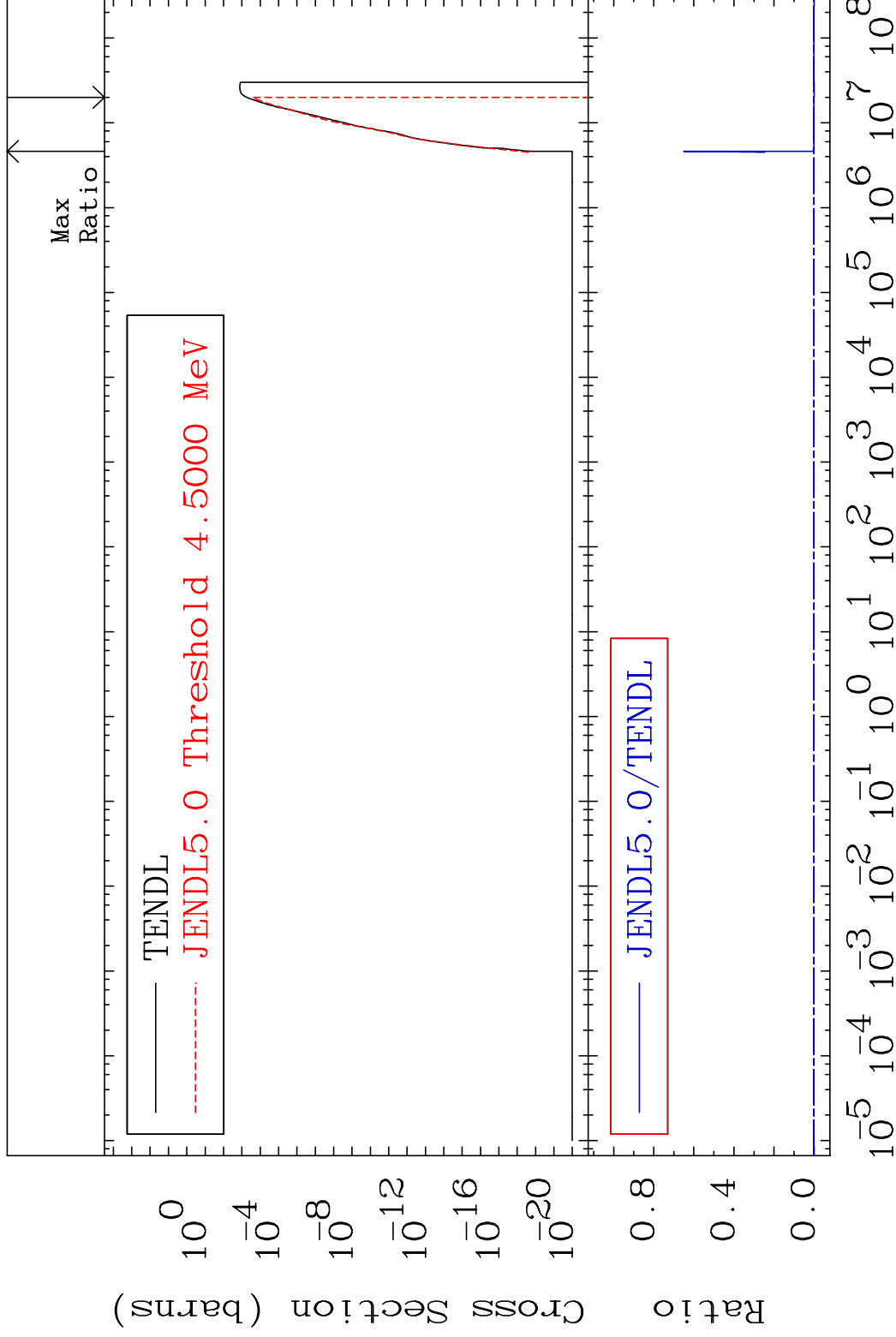
67-Ho-166m

MAT 6729

(n, n') α

67-Ho-166m

Cross Section -100.0 To 9999. %

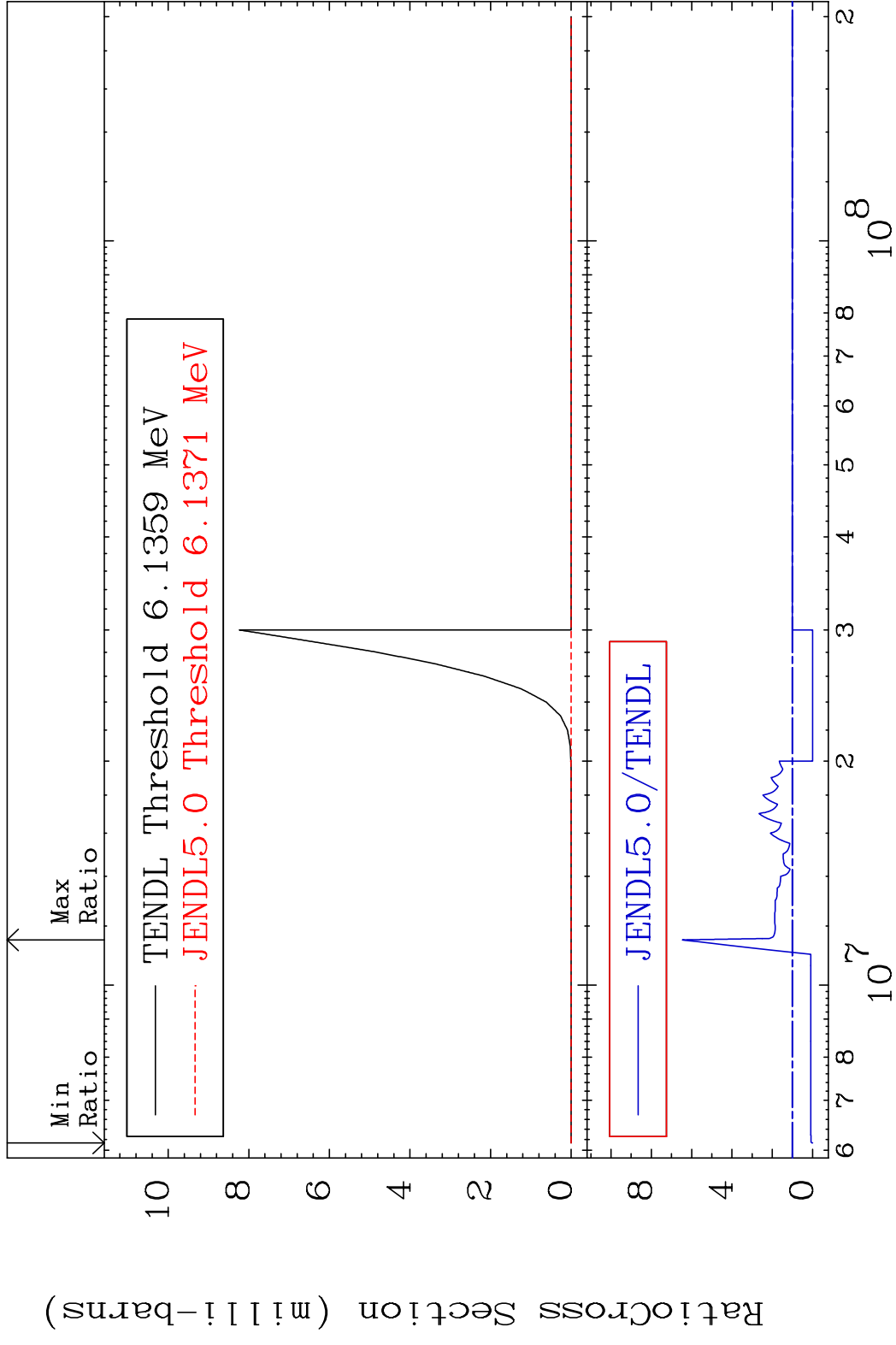


7

Incident Energy (eV)

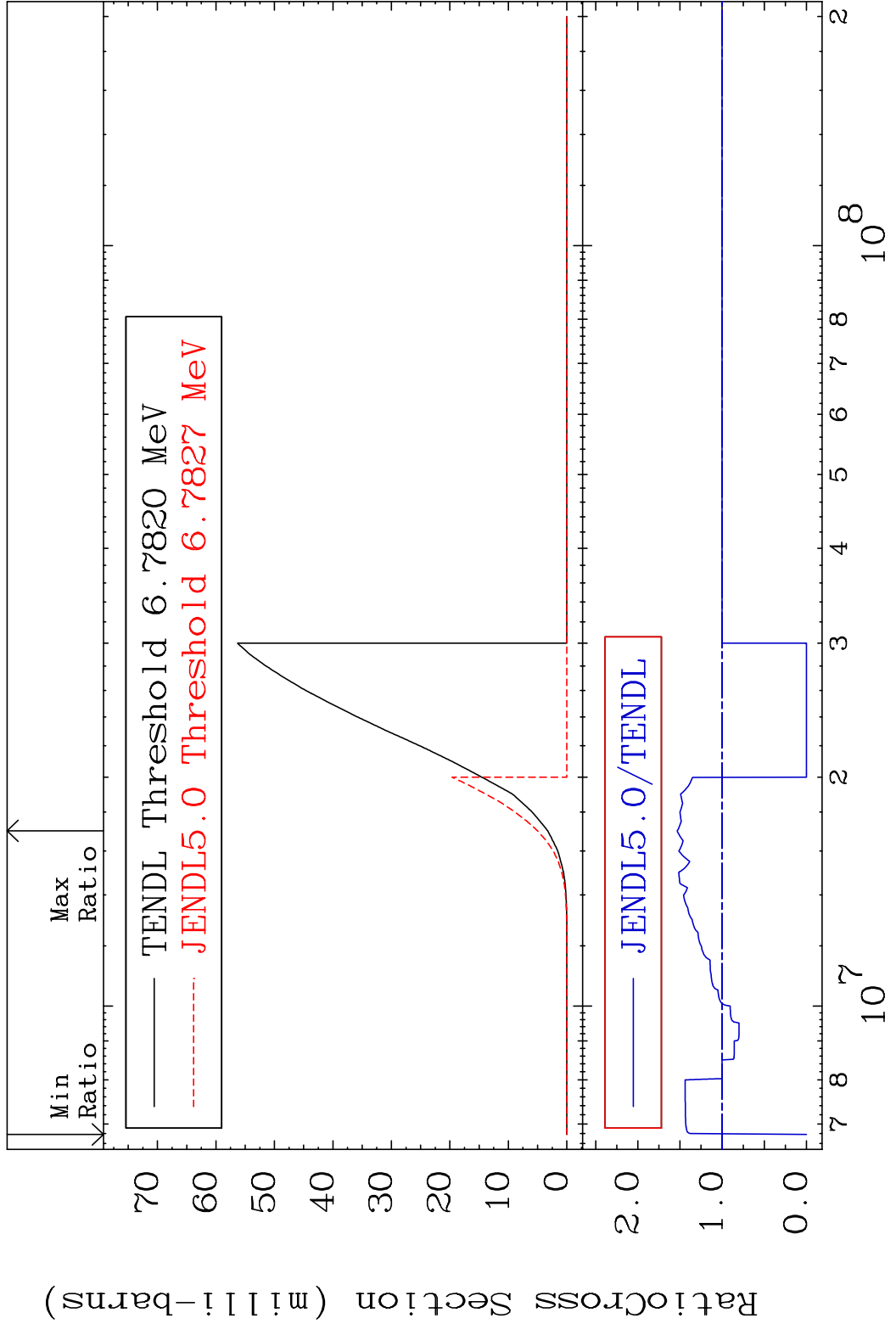
67-Ho-166m

MAT 6729 (n,2n) α 67-Ho-166m
 Cross Section -100.0 To 546.0 %



8 8 67-Ho-166m

MAT 6729 (n, n') p 67-Ho-166m
 Cross Section -100.0 To 53.35 %

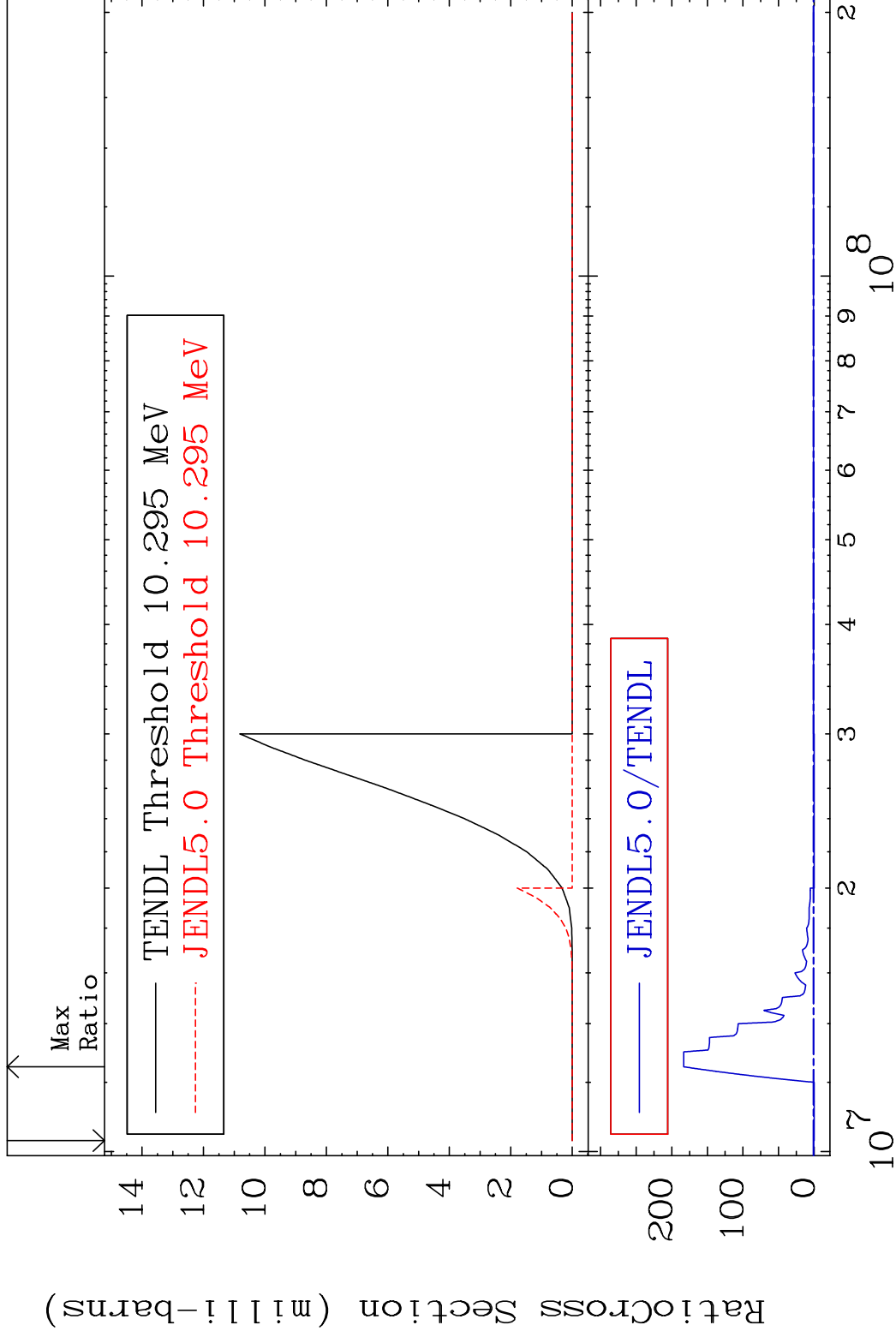


MAT 6729

(n, n') d

67-Ho-166m

Cross Section -100.0 To 9999. %

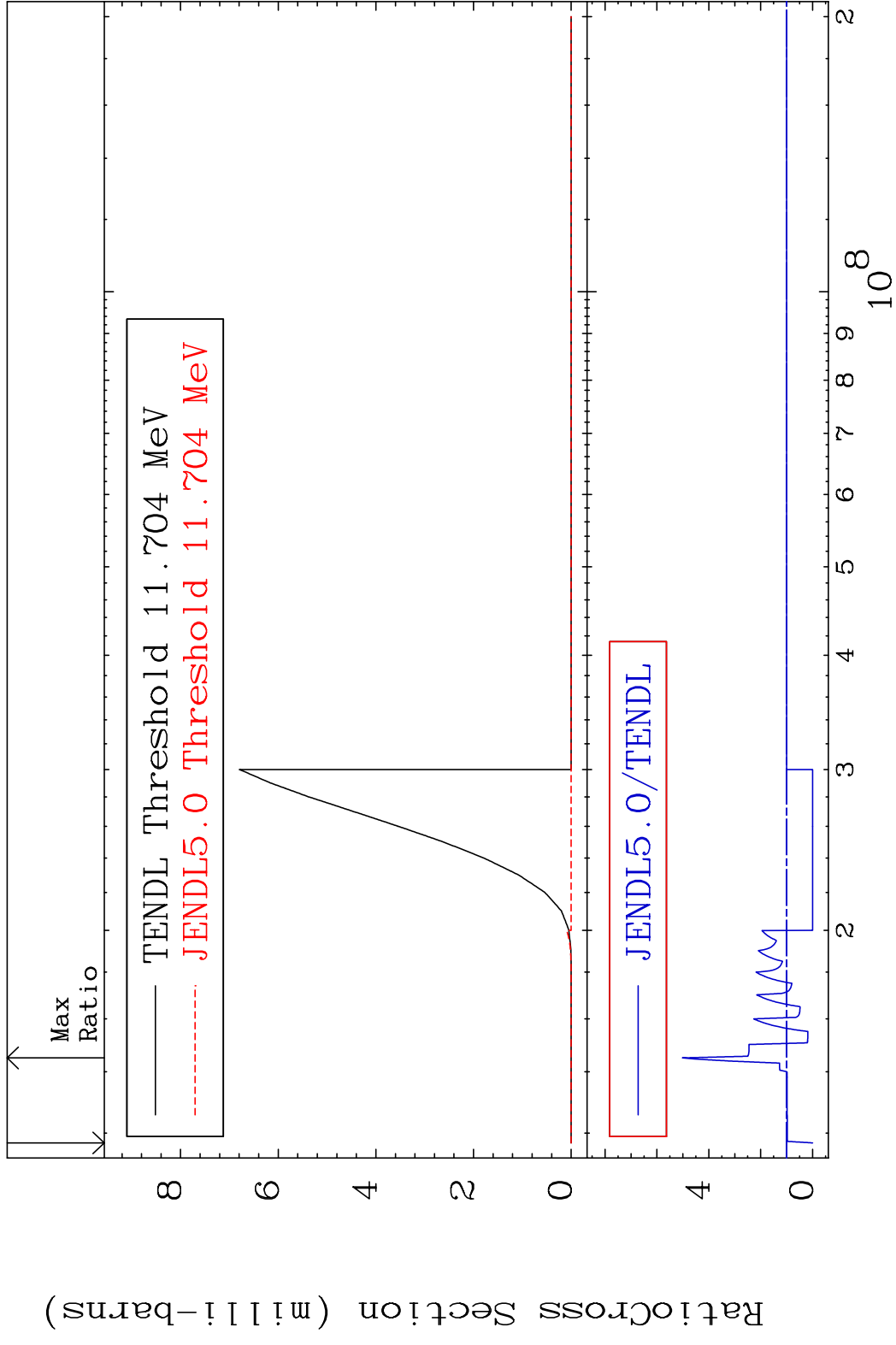


10

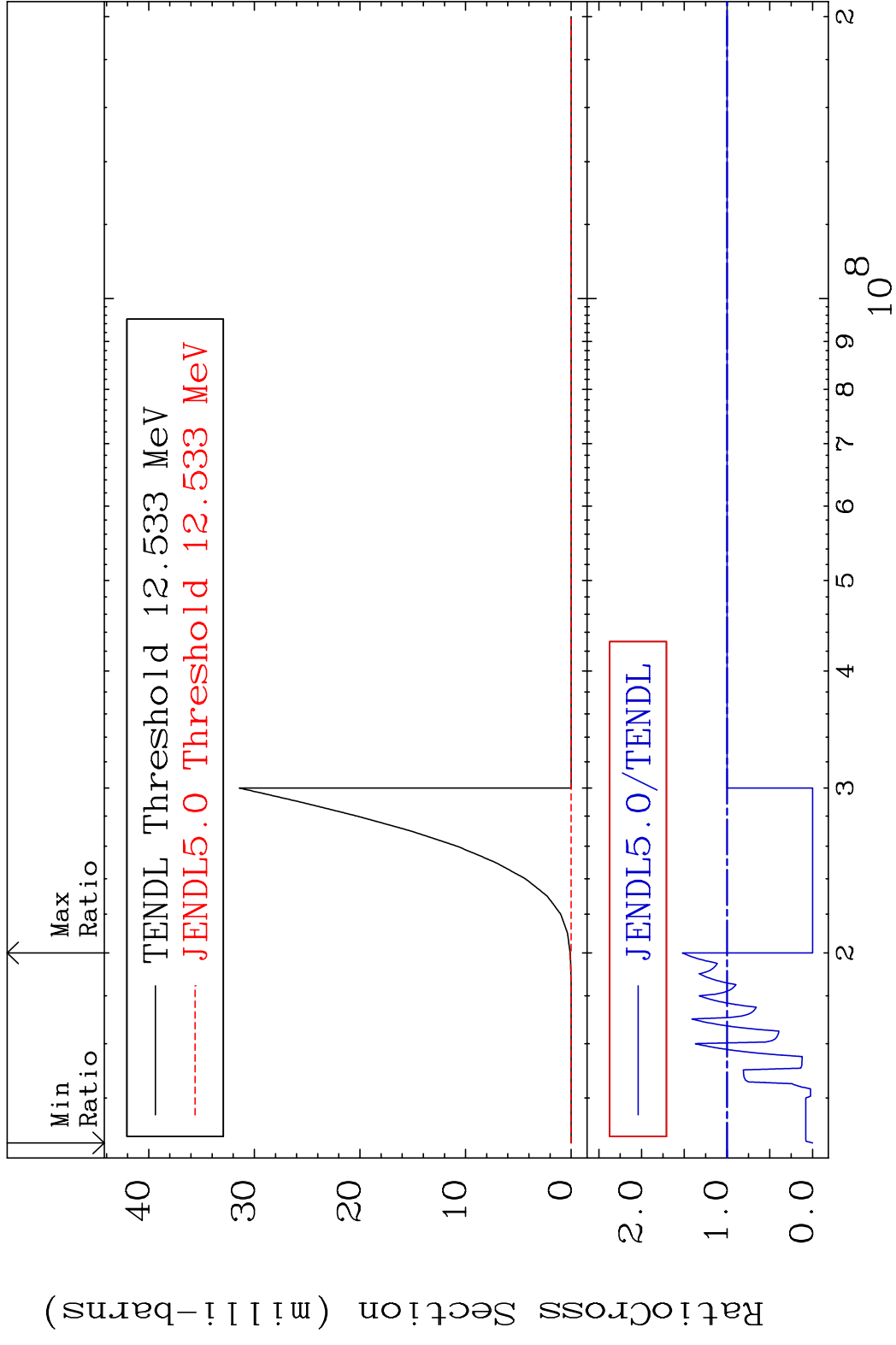
Incident Energy (eV)

67-Ho-166m

MAT 6729 (n, n') t 67-Ho-166m
 Cross Section -100.0 To 402.0 %

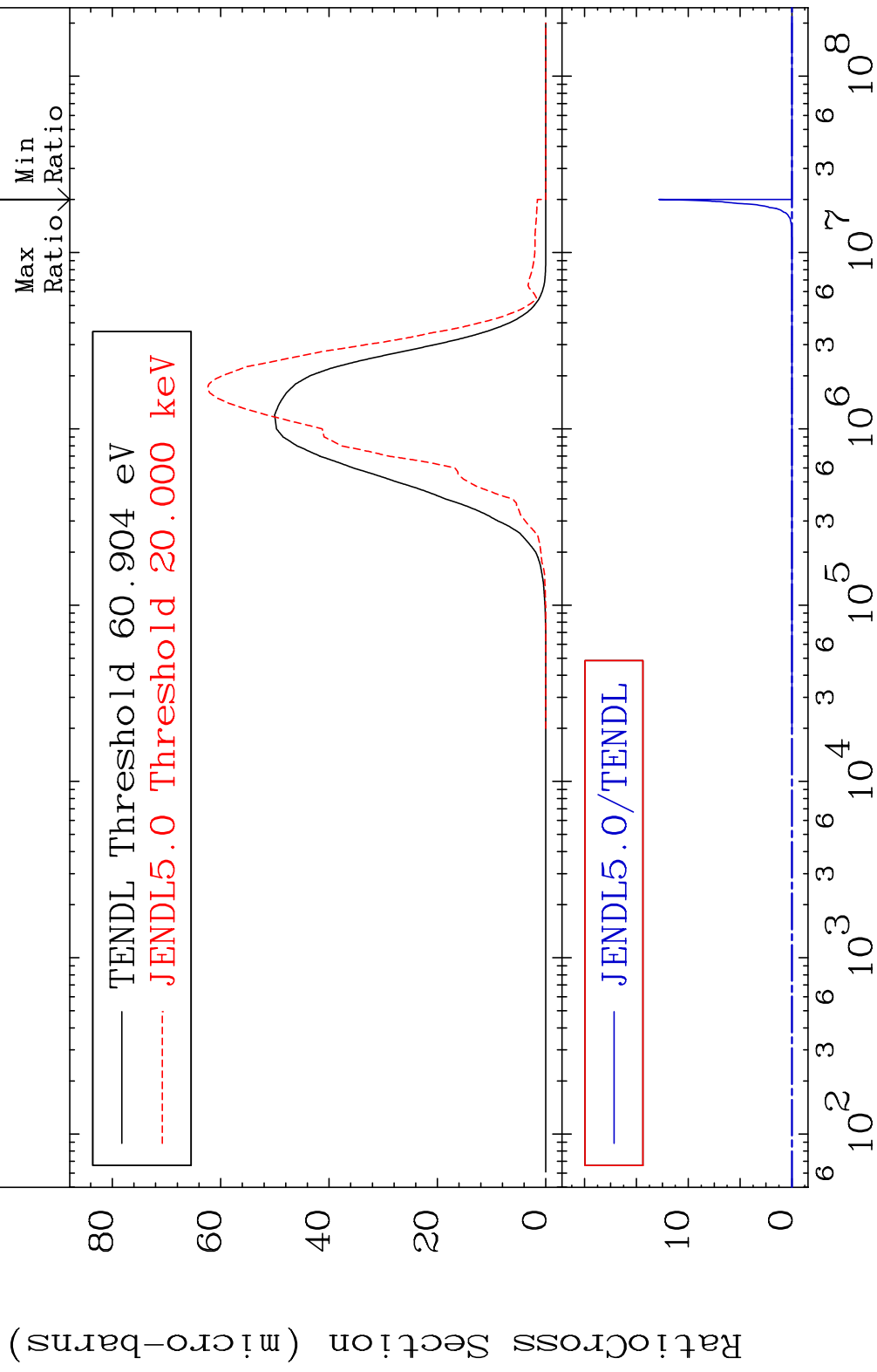


MAT 6729 (n,2n) p 67-Ho-166m
 Cross Section -100.0 To 52.30 %



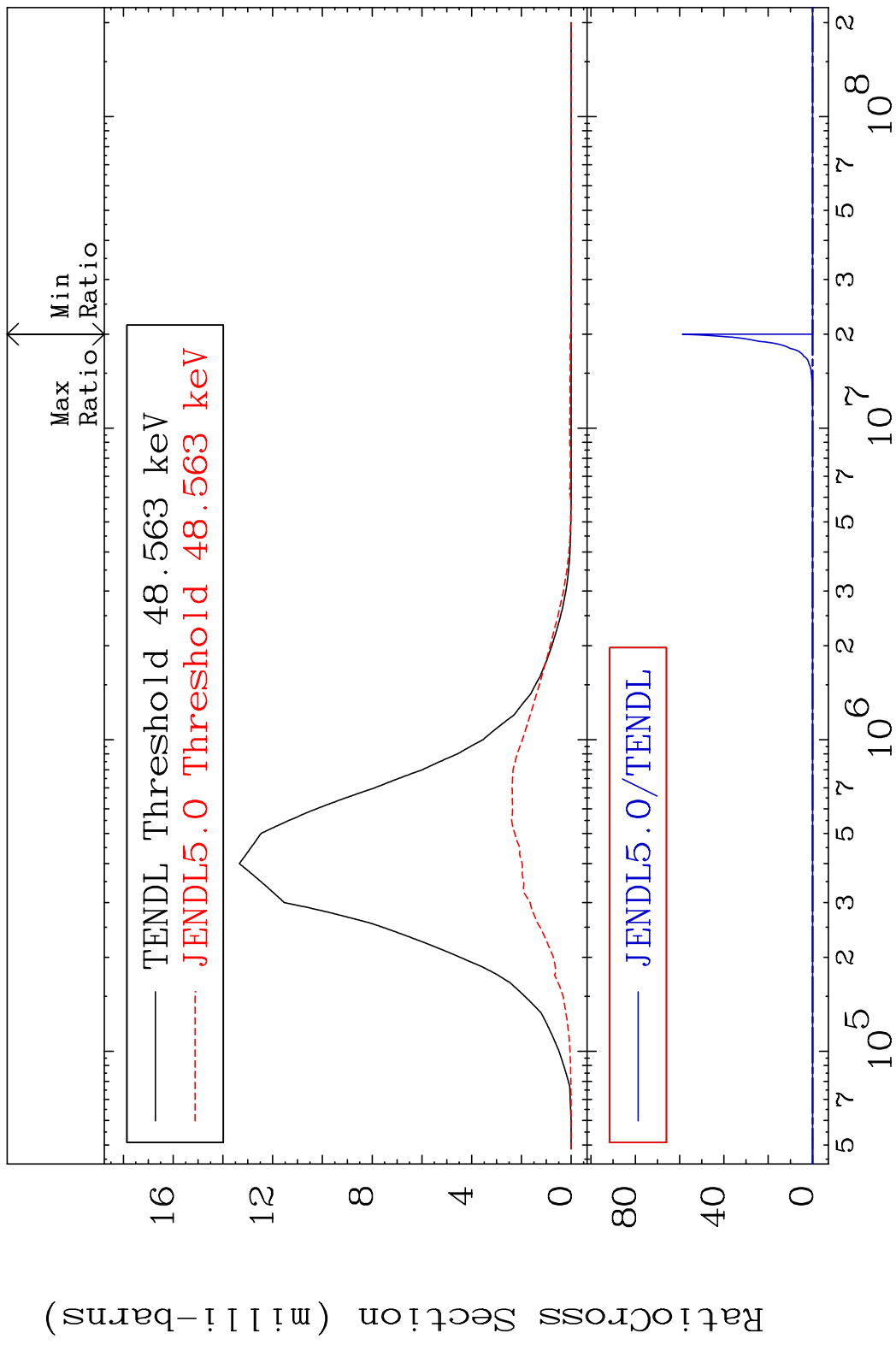
12 Incident Energy (eV) 67-Ho-166m

MAT 6729 MT= 51 (n,n') Level 67-Ho-166m
Cross Section -100.0 To 9999. %



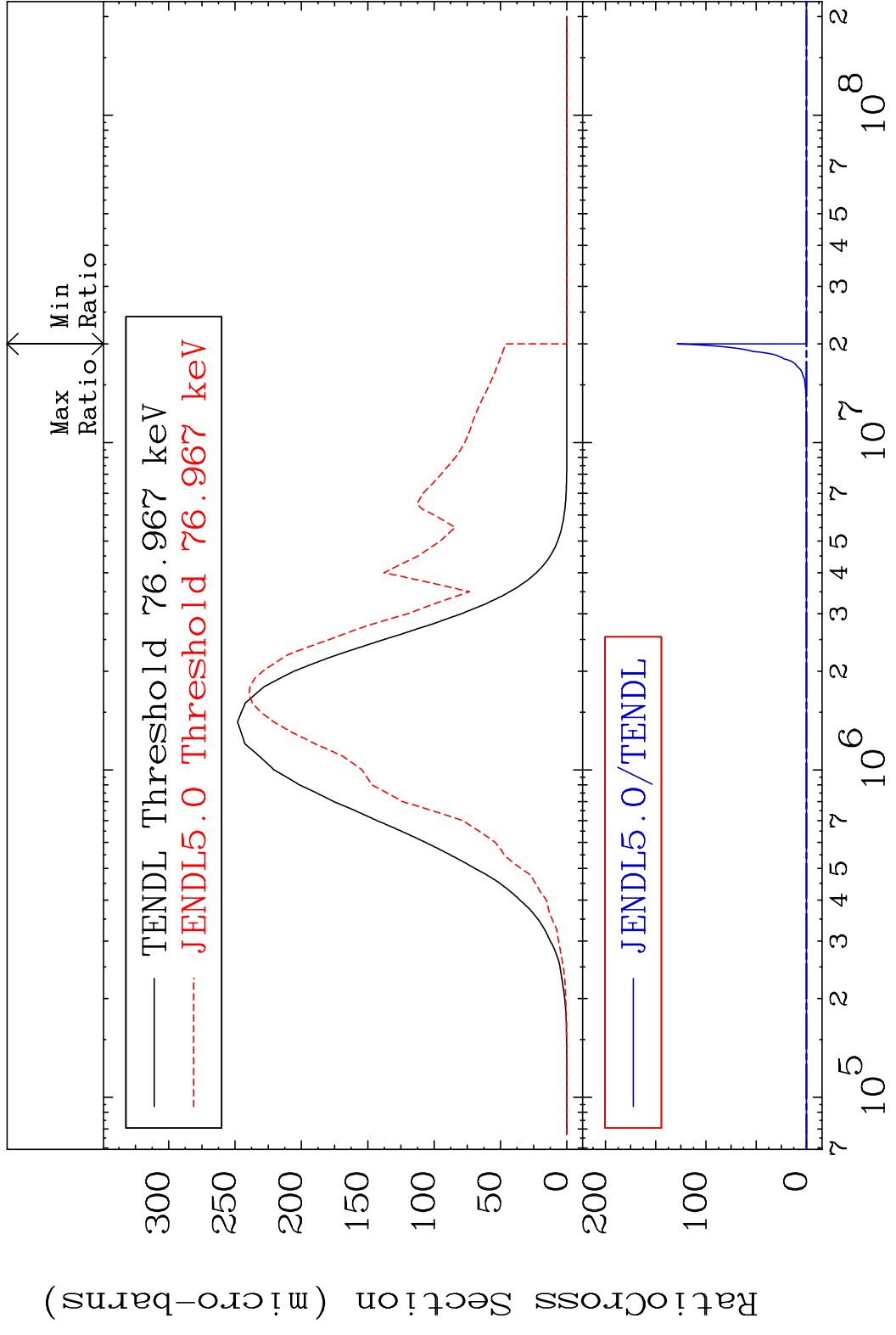
13 Incident Energy (eV) 67-Ho-166m

MAT 6729 MT= 52 (n,n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %



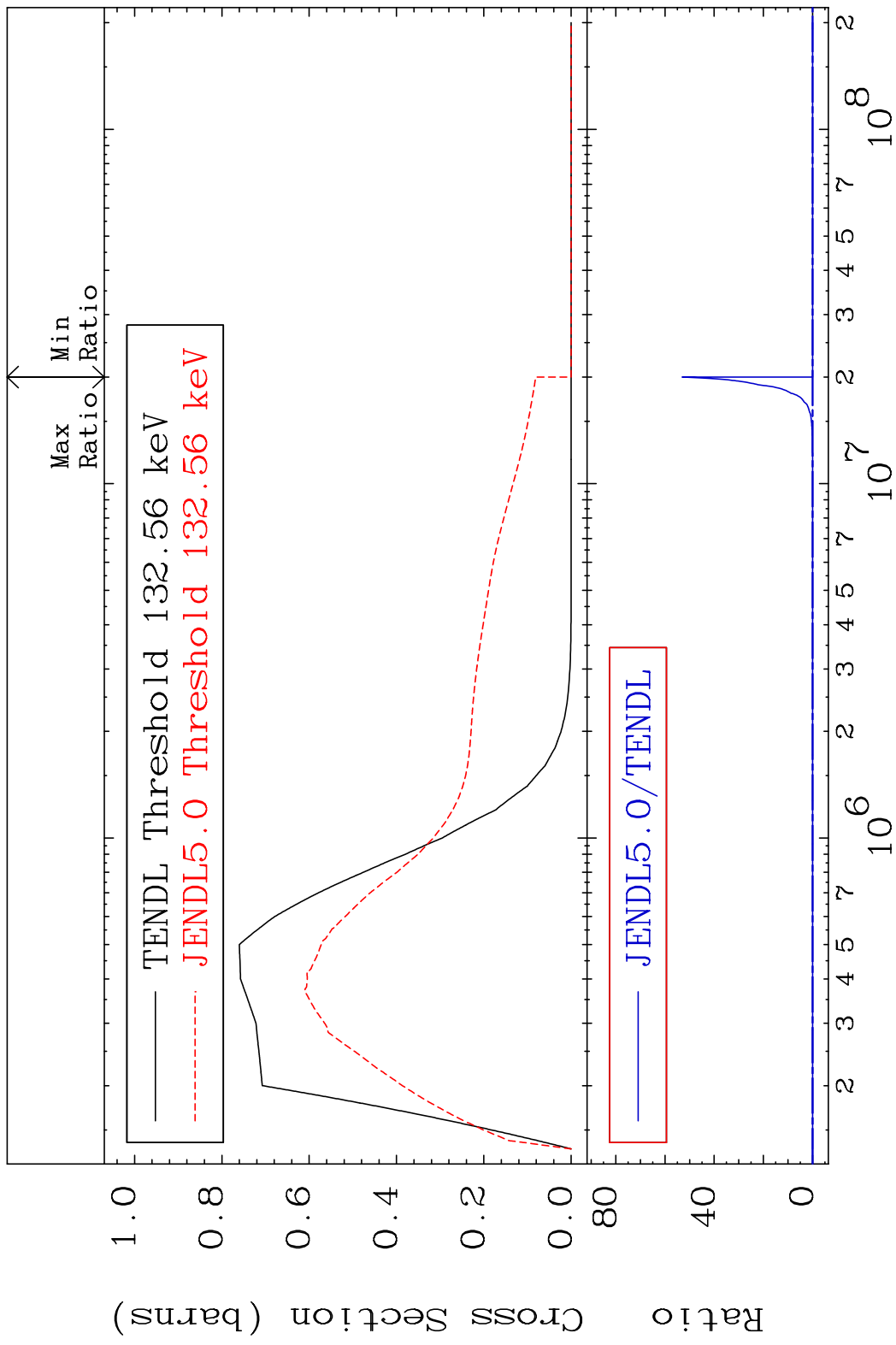
14 Incident Energy (eV) 67-Ho-166m

MAT 6729 MT= 53 (n, n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %

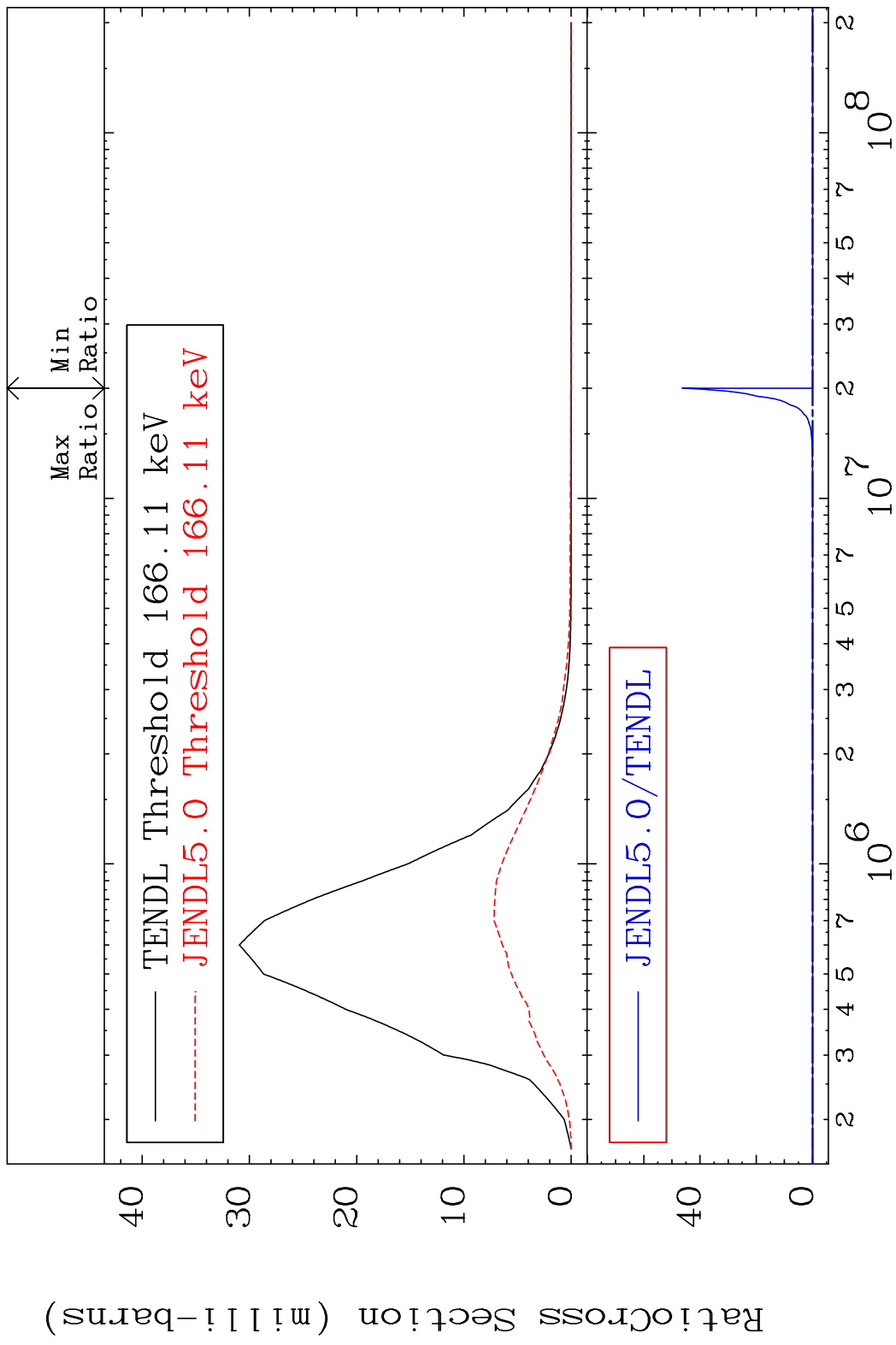


15 Incident Energy (eV) 67-Ho-166m

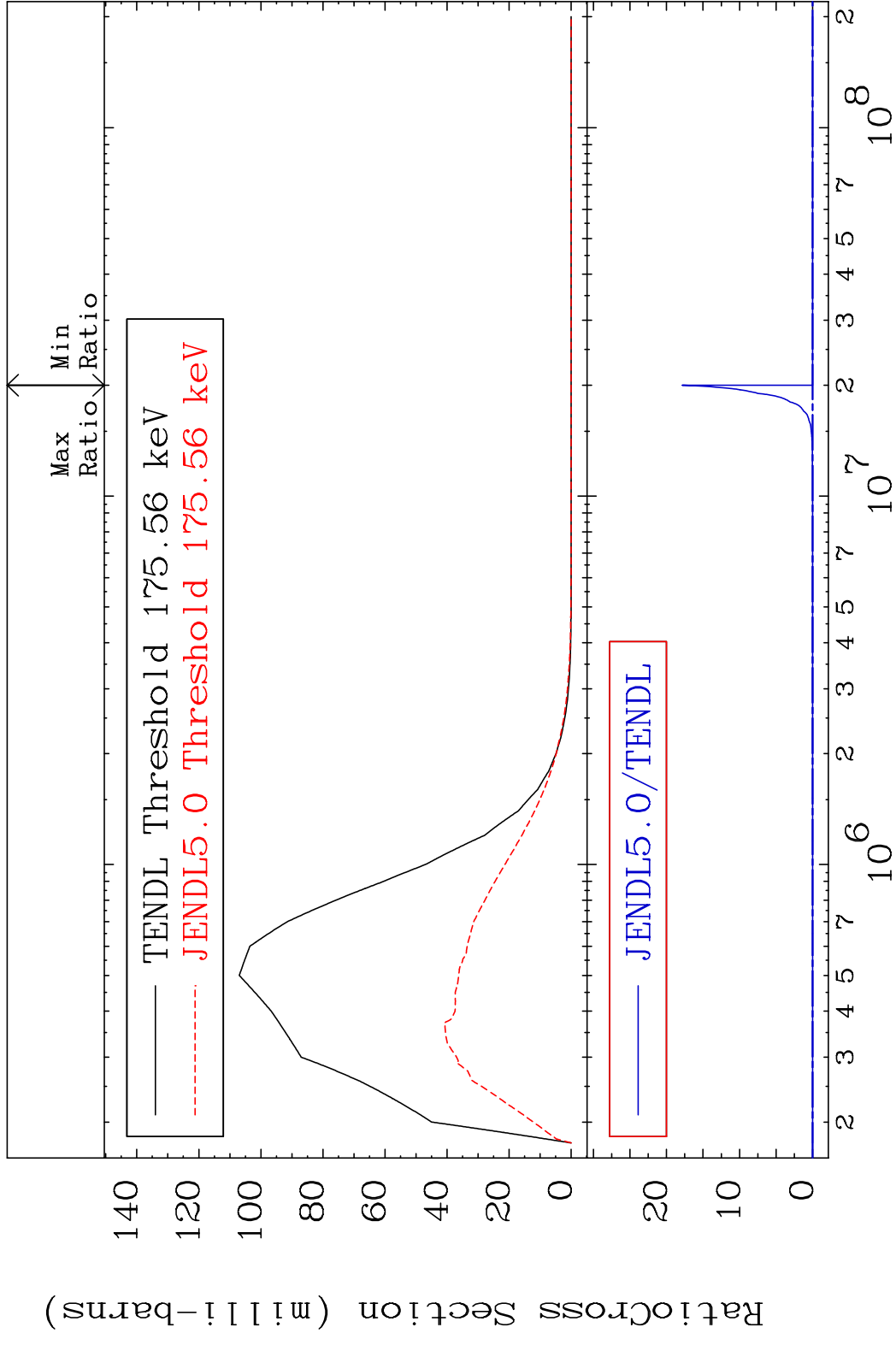
MAT 6729 MT= 54 (n, n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %



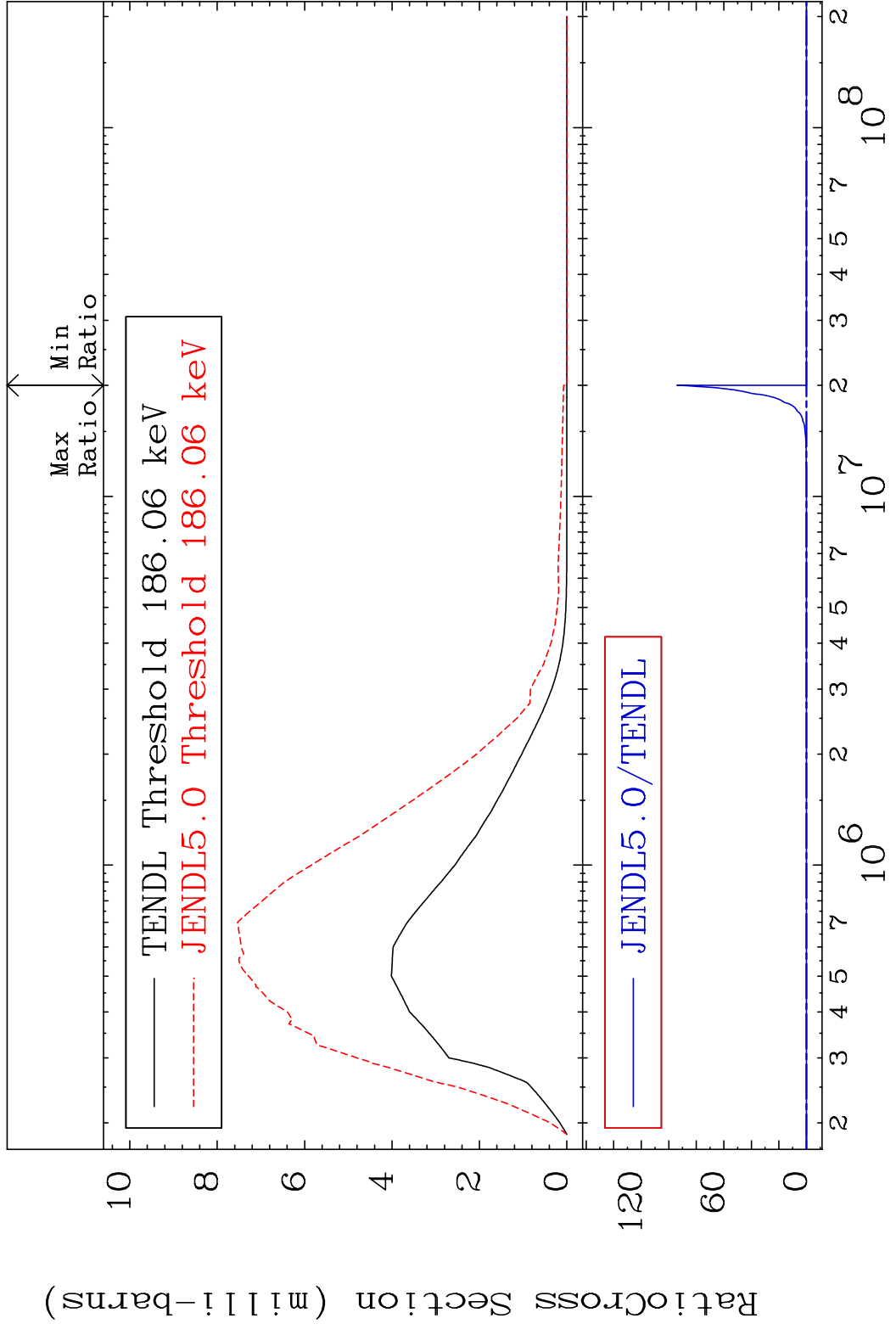
MAT 6729 MT= 55 (n,n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %



MAT 6729 MT= 56 (n,n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %

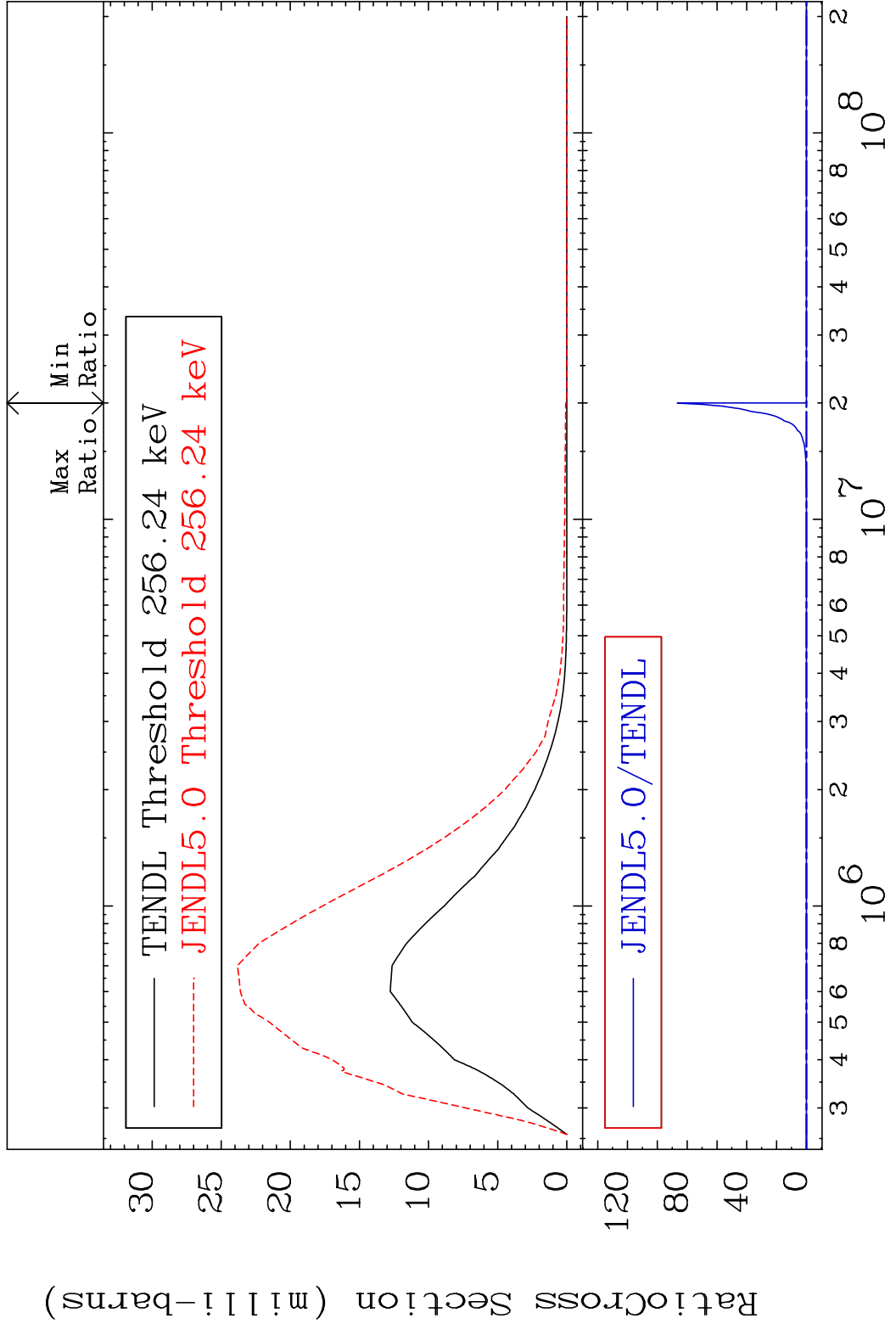


MAT 6729 MT= 57 (n,n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %



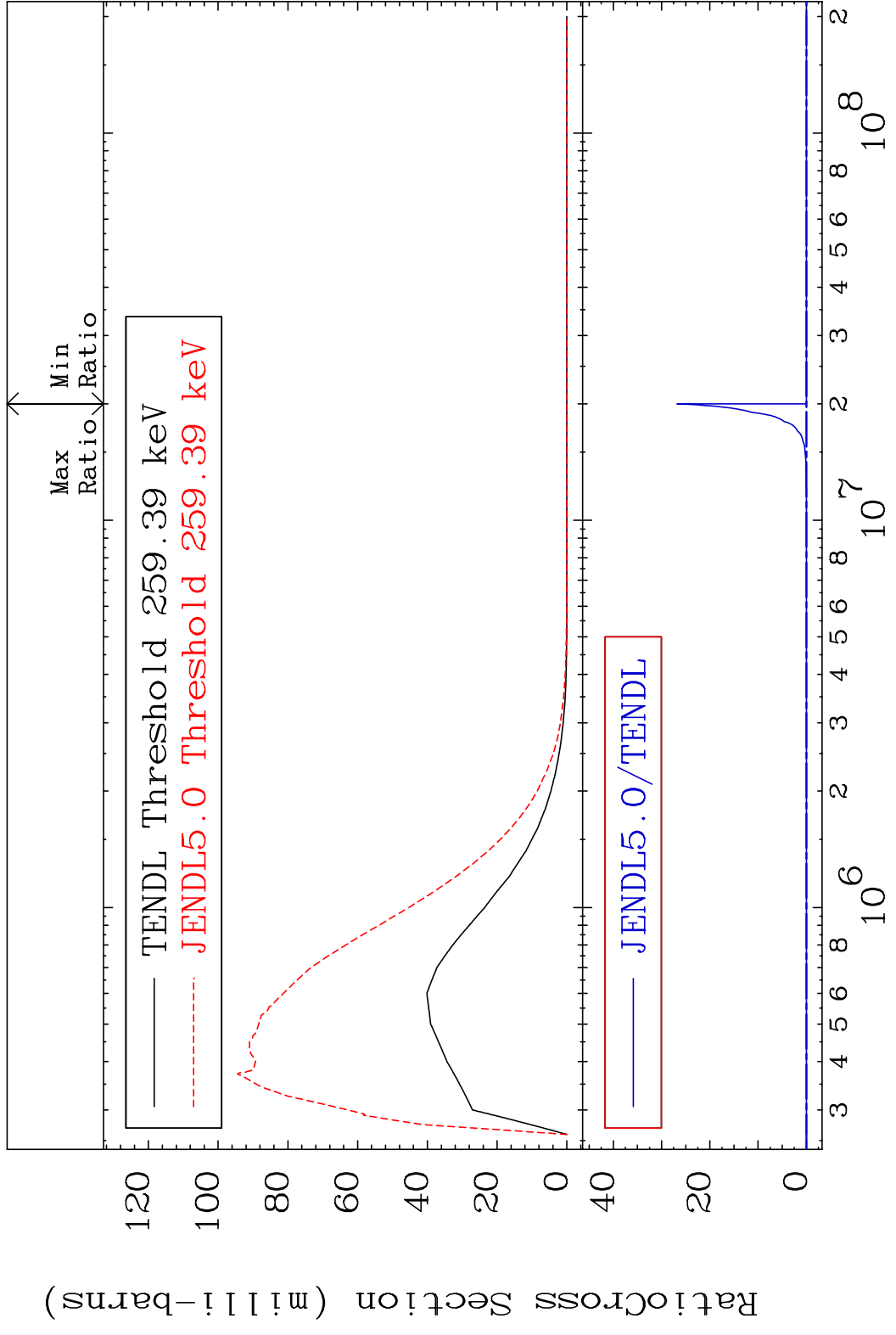
19 Incident Energy (eV) 67-Ho-166m

MAT 6729 MT= 58 (n,n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %

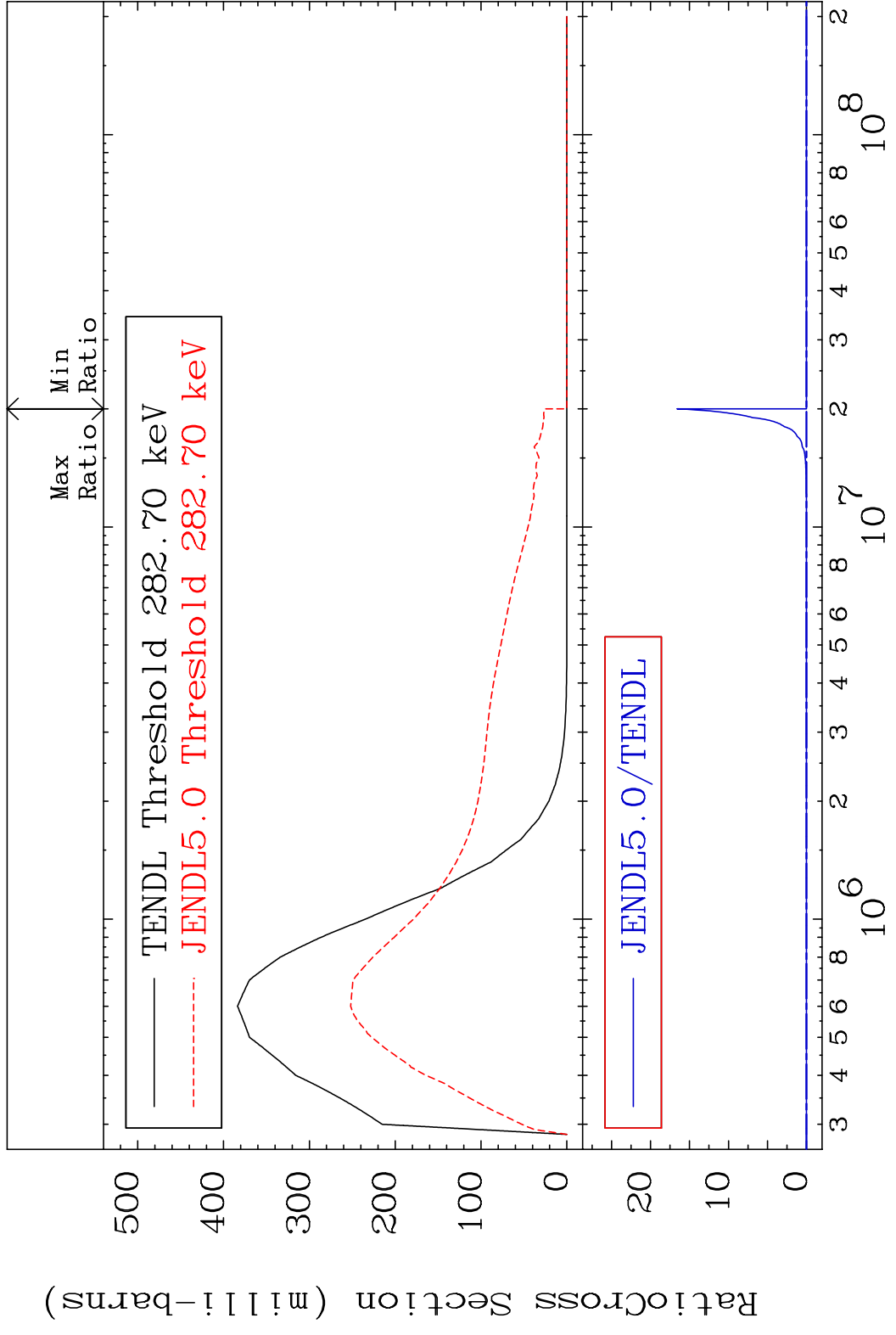


20 Incident Energy (eV) 67-Ho-166m

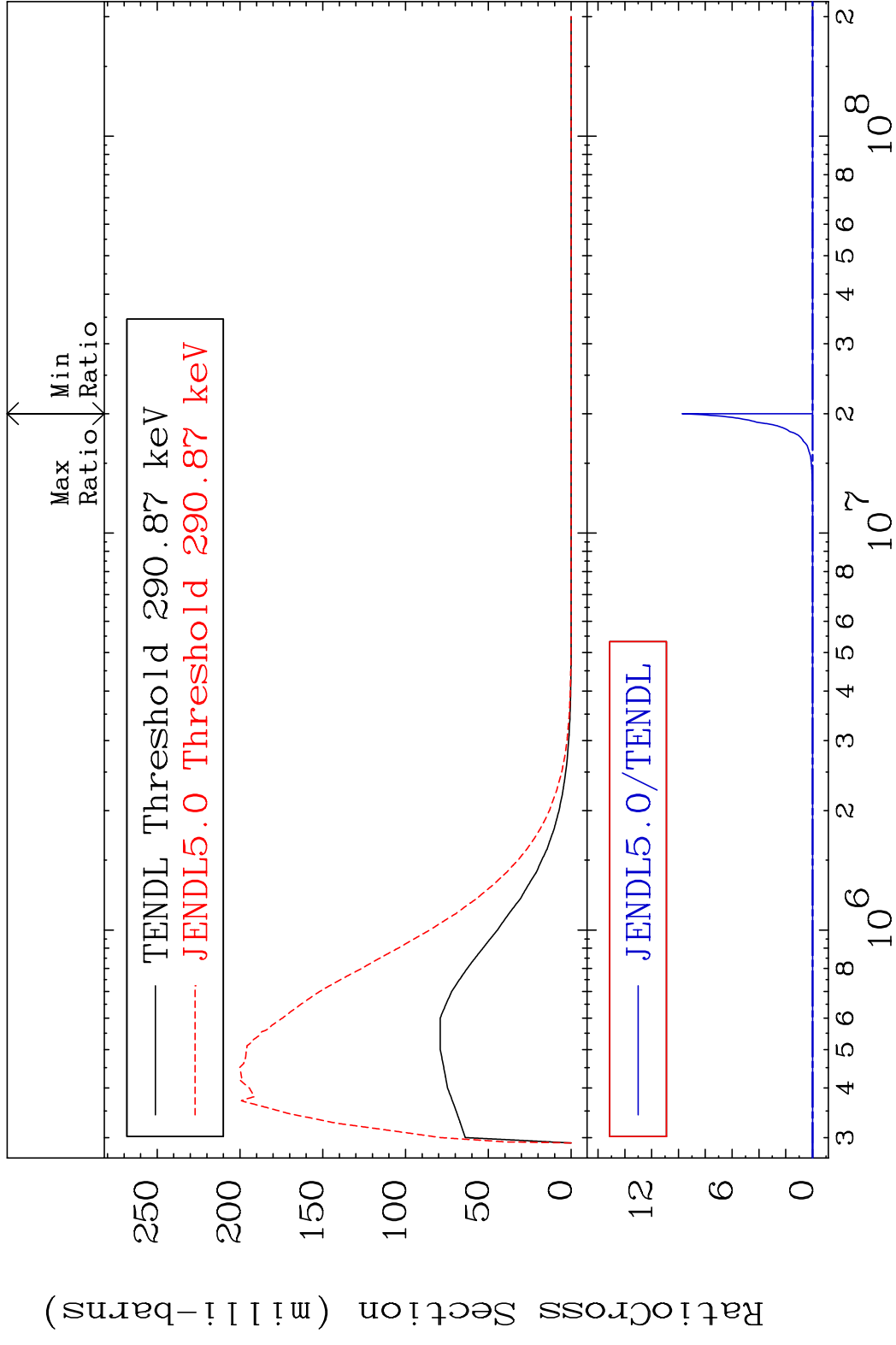
MAT 6729 MT= 59 (n,n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %



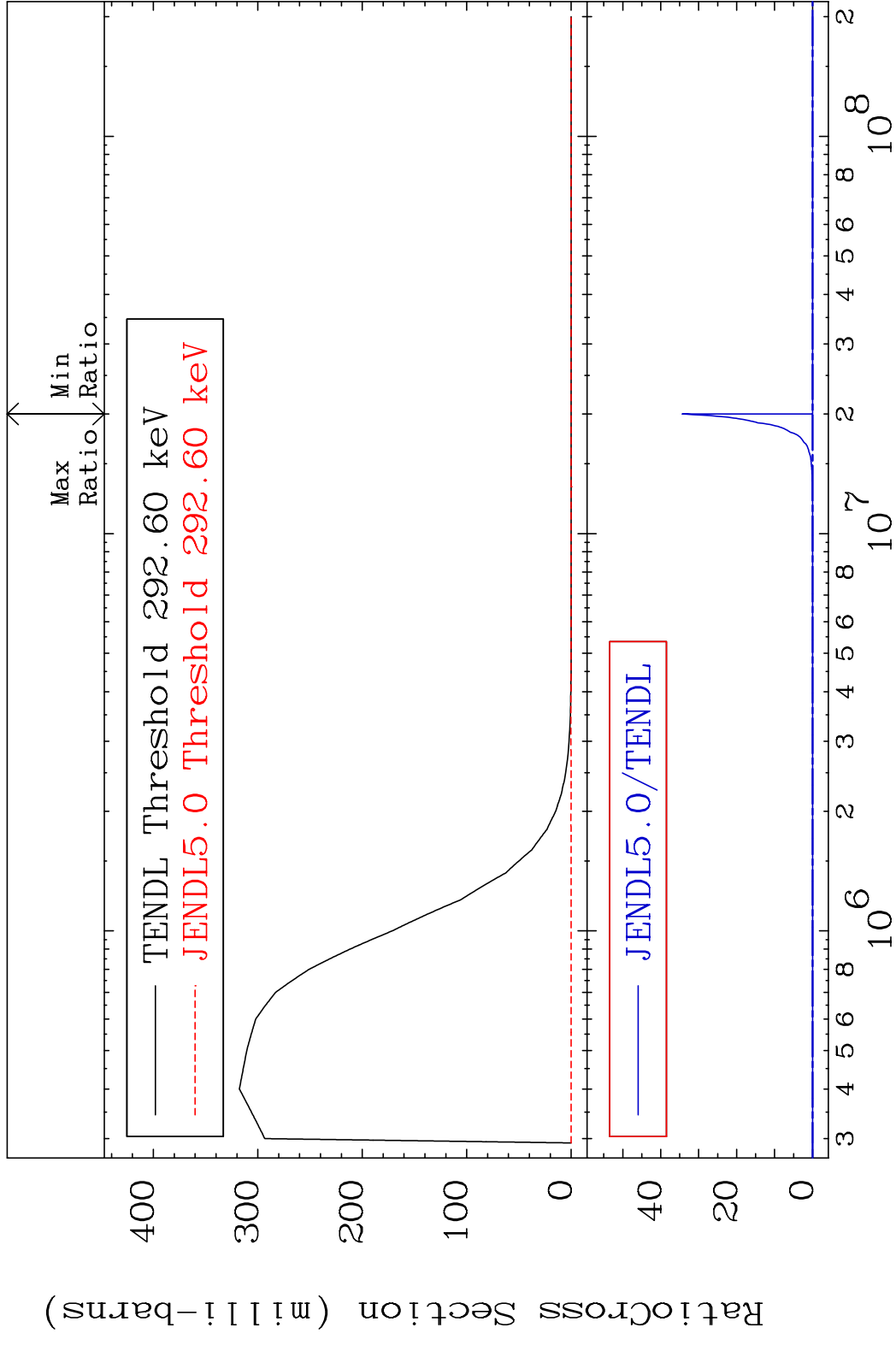
MAT 6729 MT= 60 (n, n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %



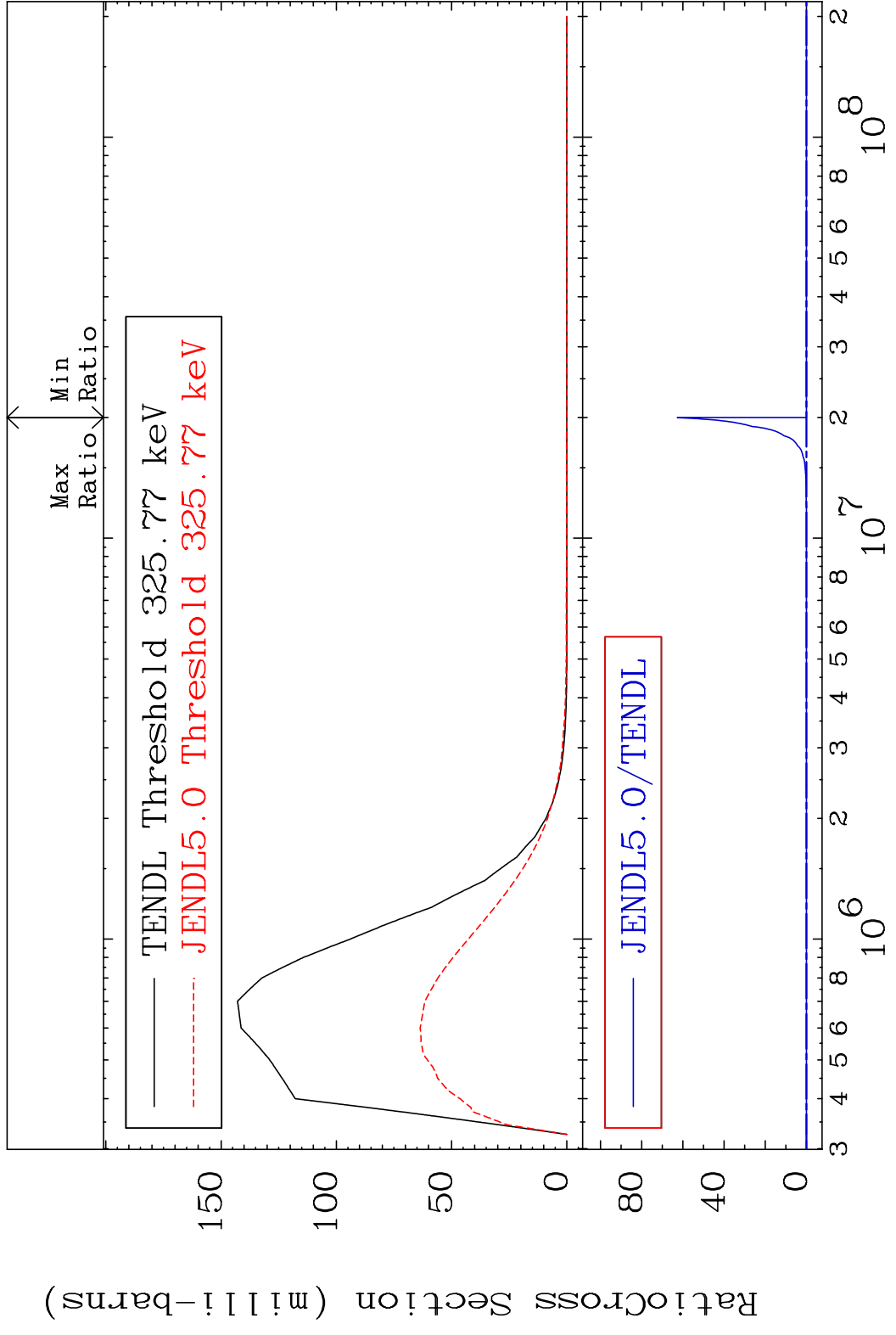
MAT 6729 MT= 61 (n, n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %



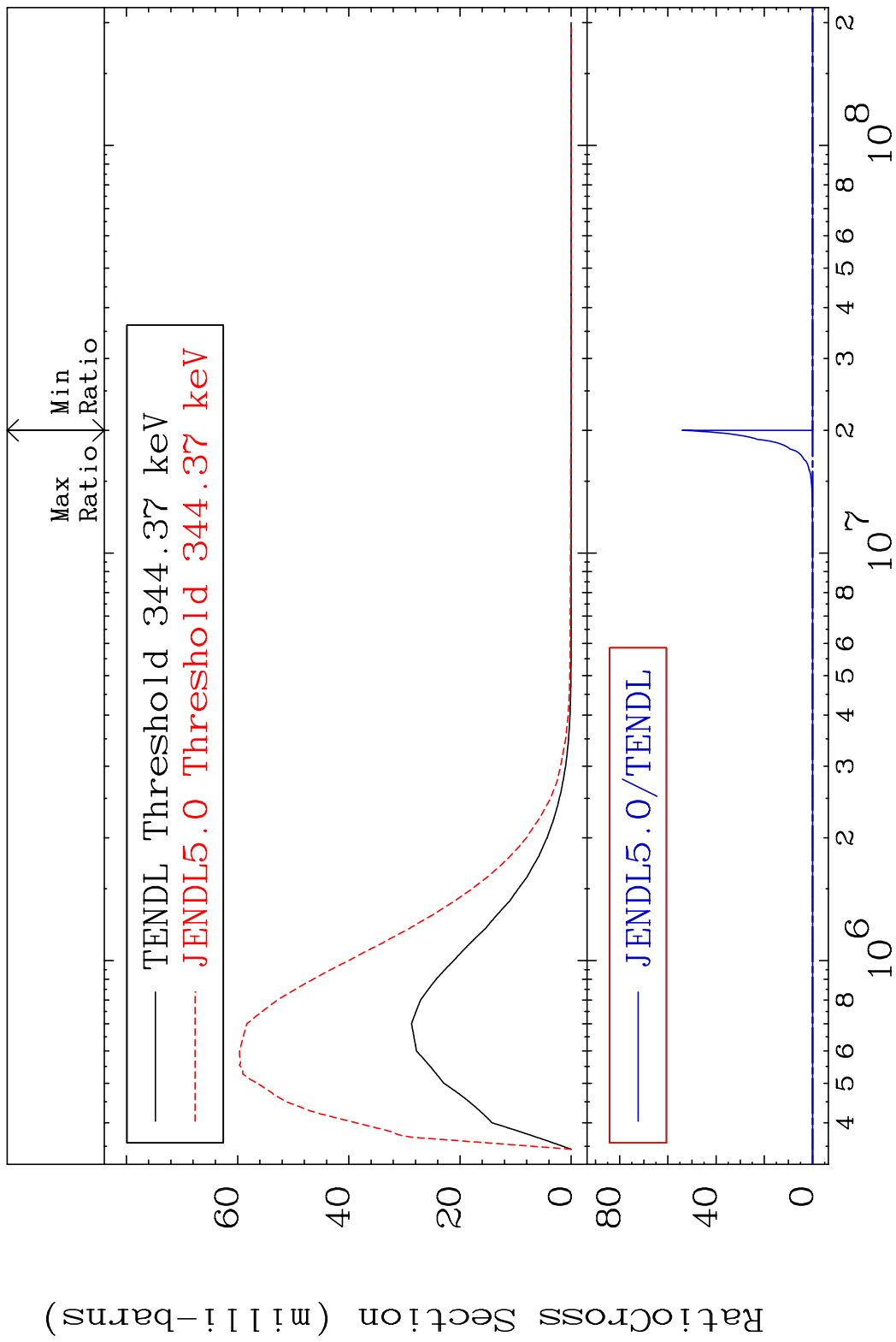
MAT 6729 MT= 62 (n, n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %



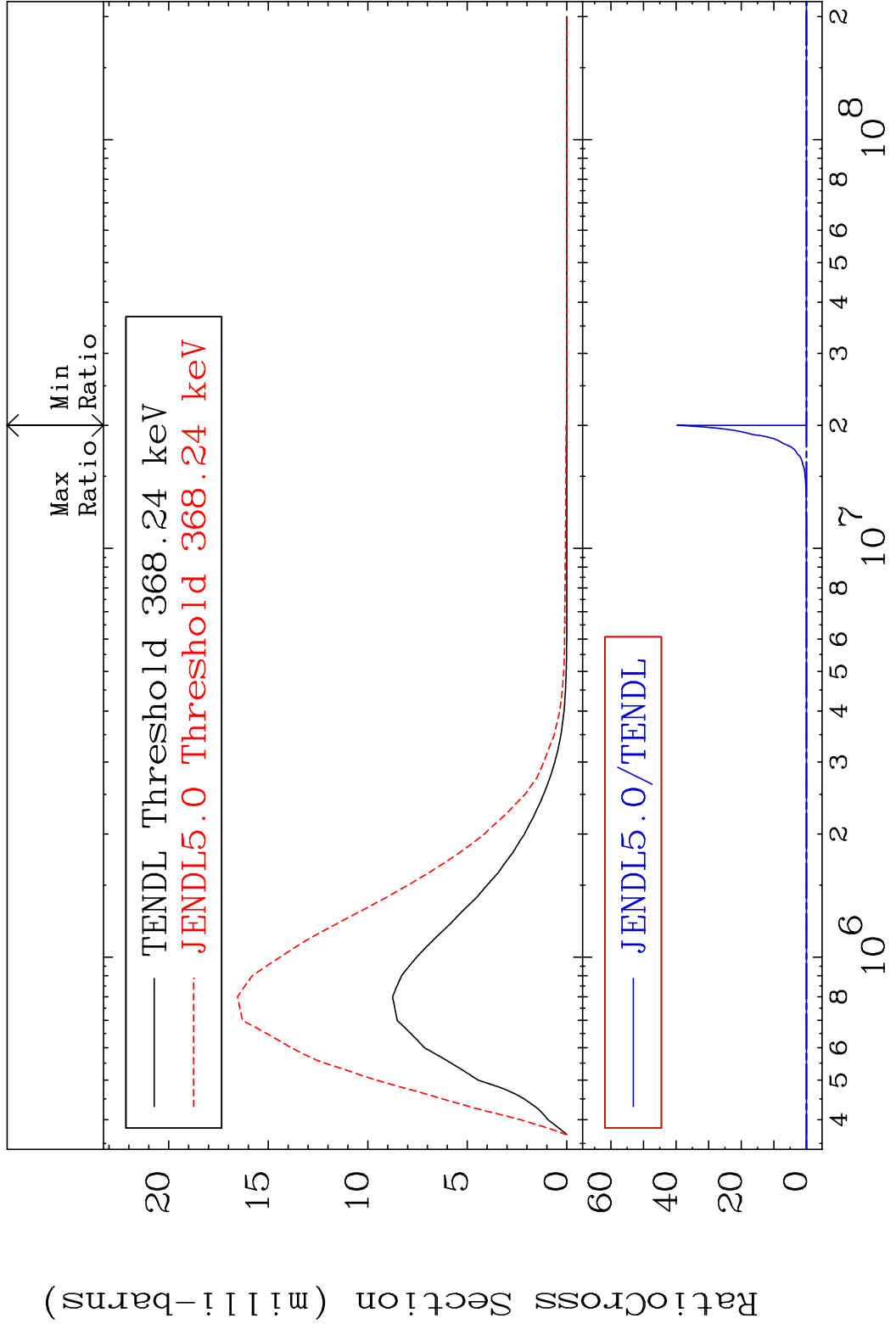
MAT 6729 MT= 63 (n, n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %



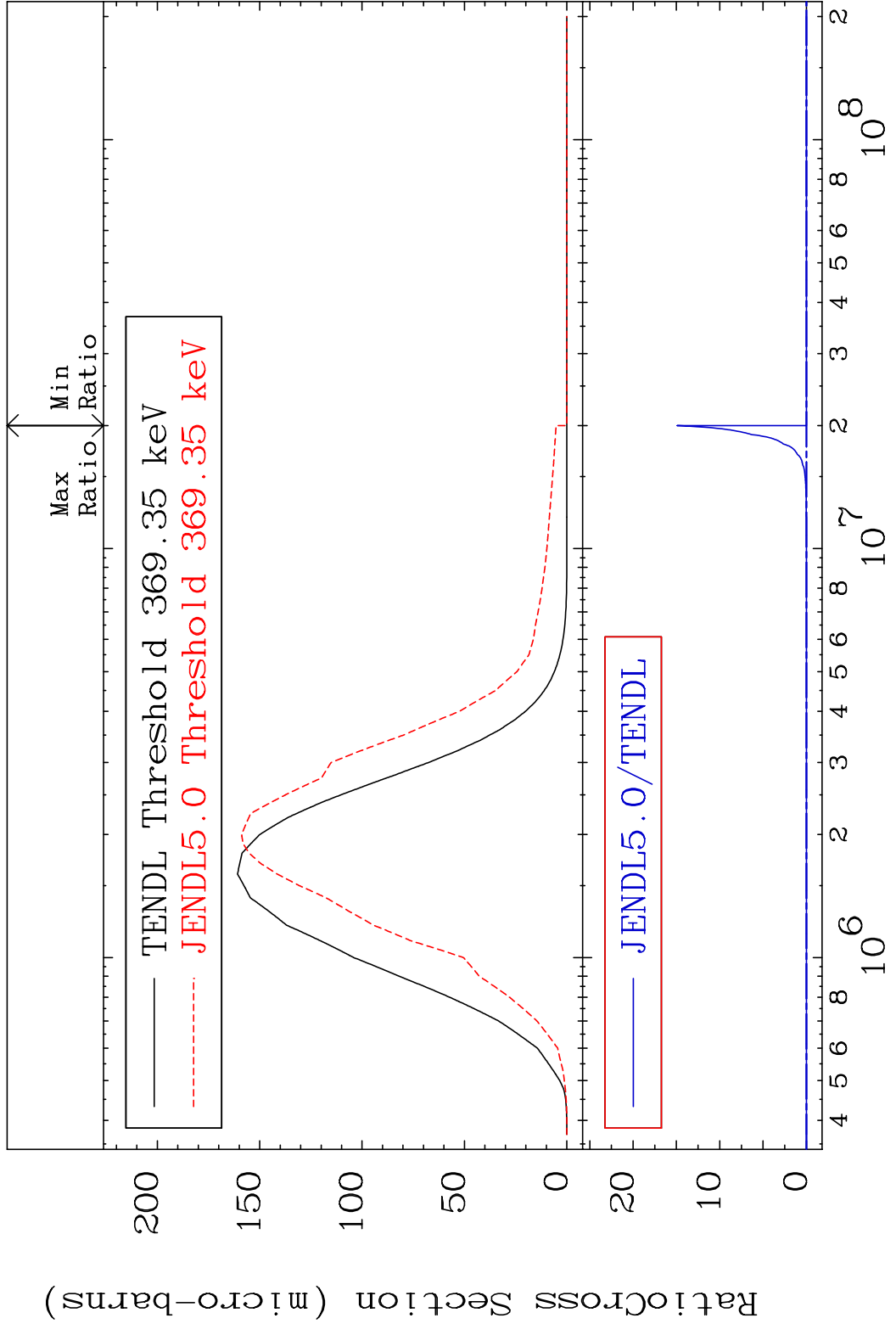
MAT 6729 MT= 64 (n, n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %



MAT 6729 MT= 65 (n, n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %

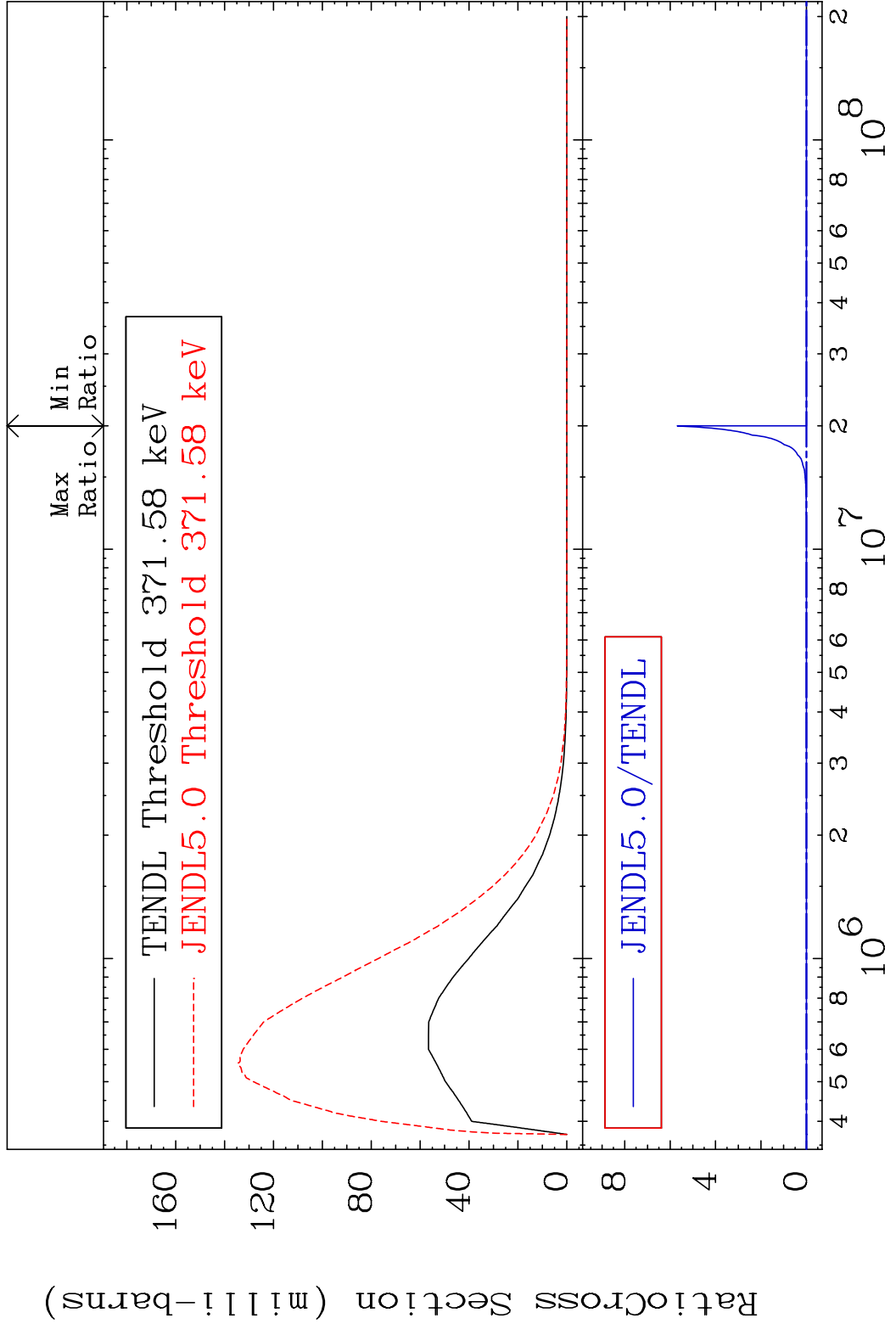


MAT 6729 MT= 66 (n, n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %

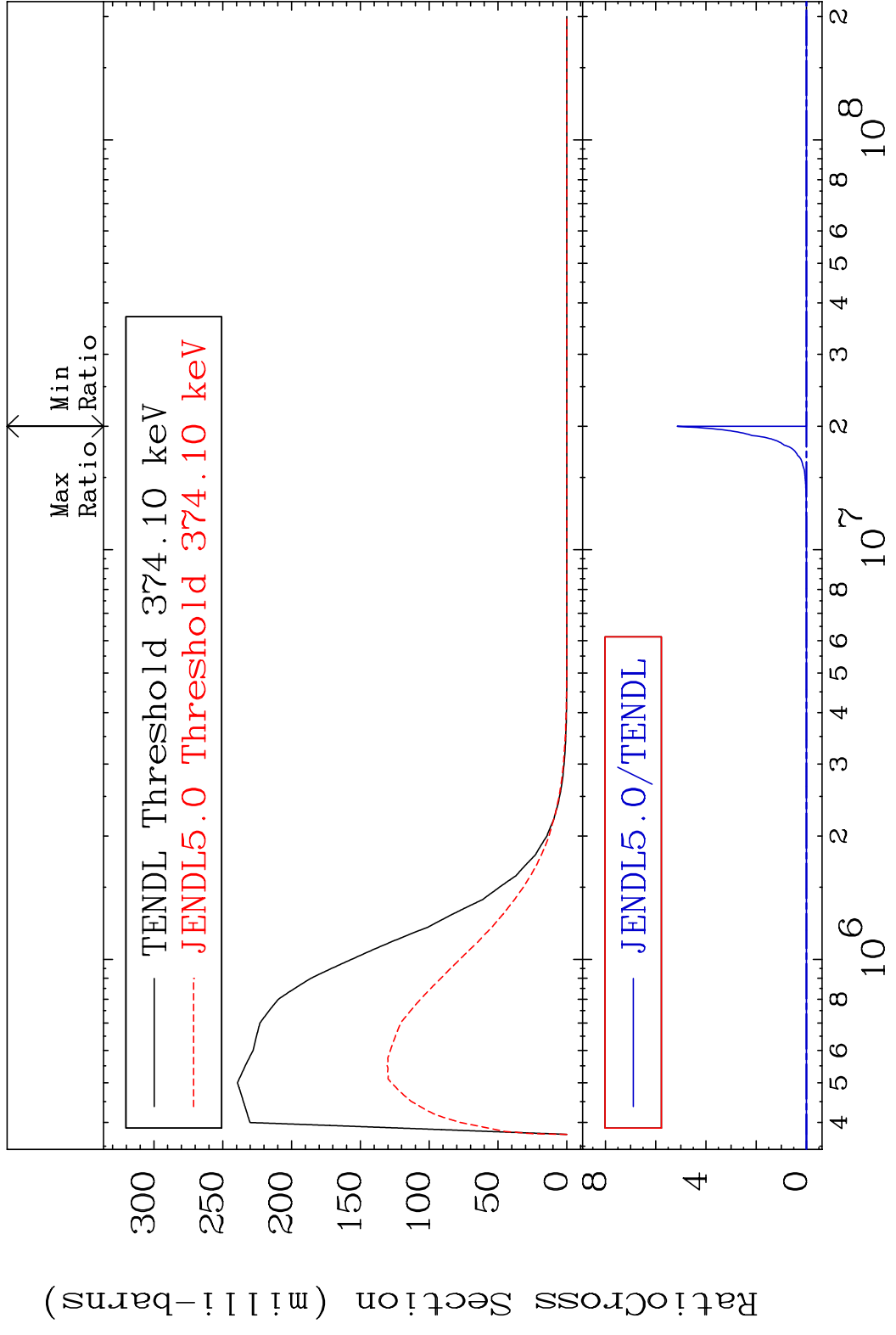


28 Incident Energy (eV) 67-Ho-166m

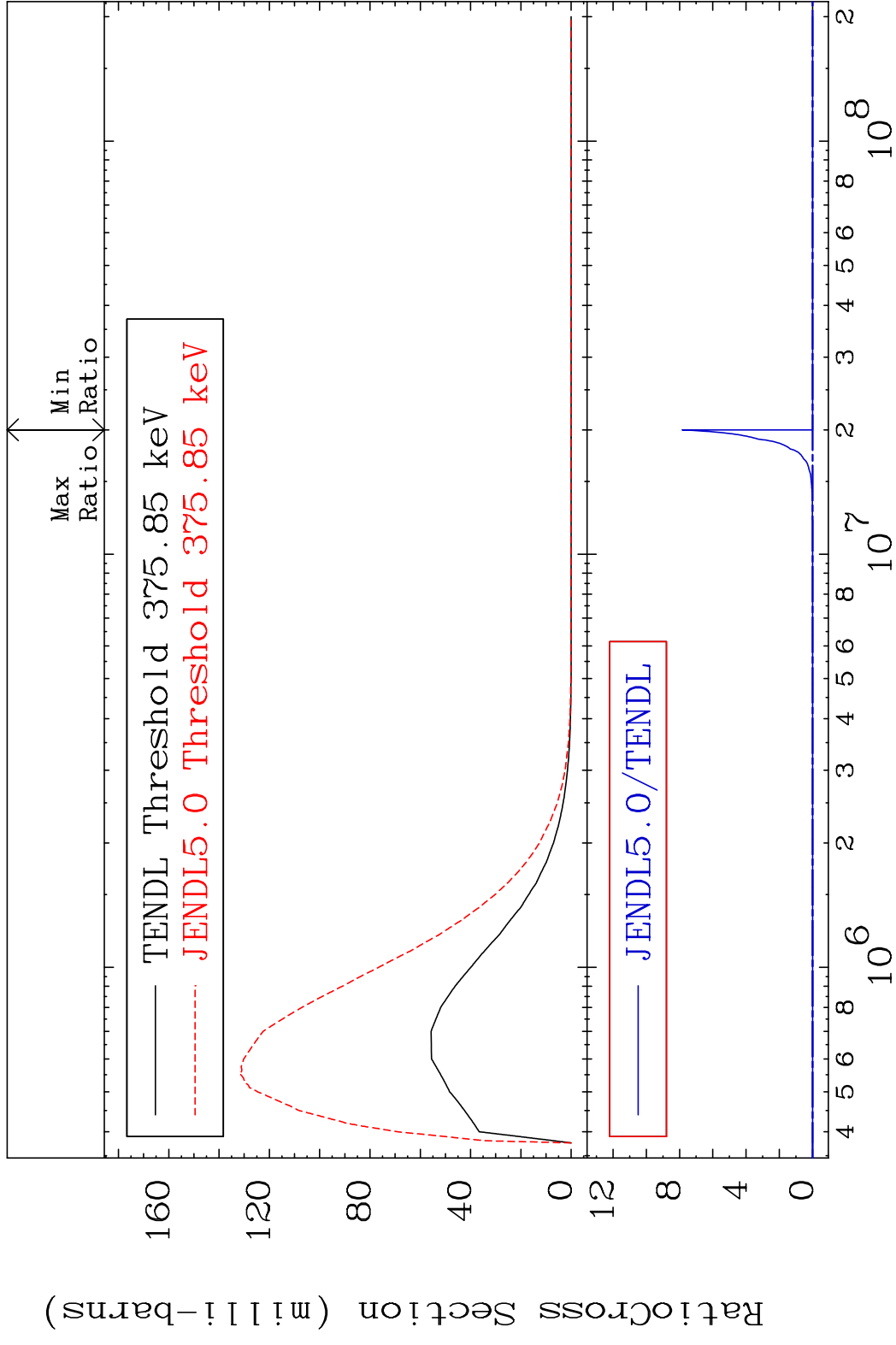
MAT 6729 MT= 67 (n, n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %



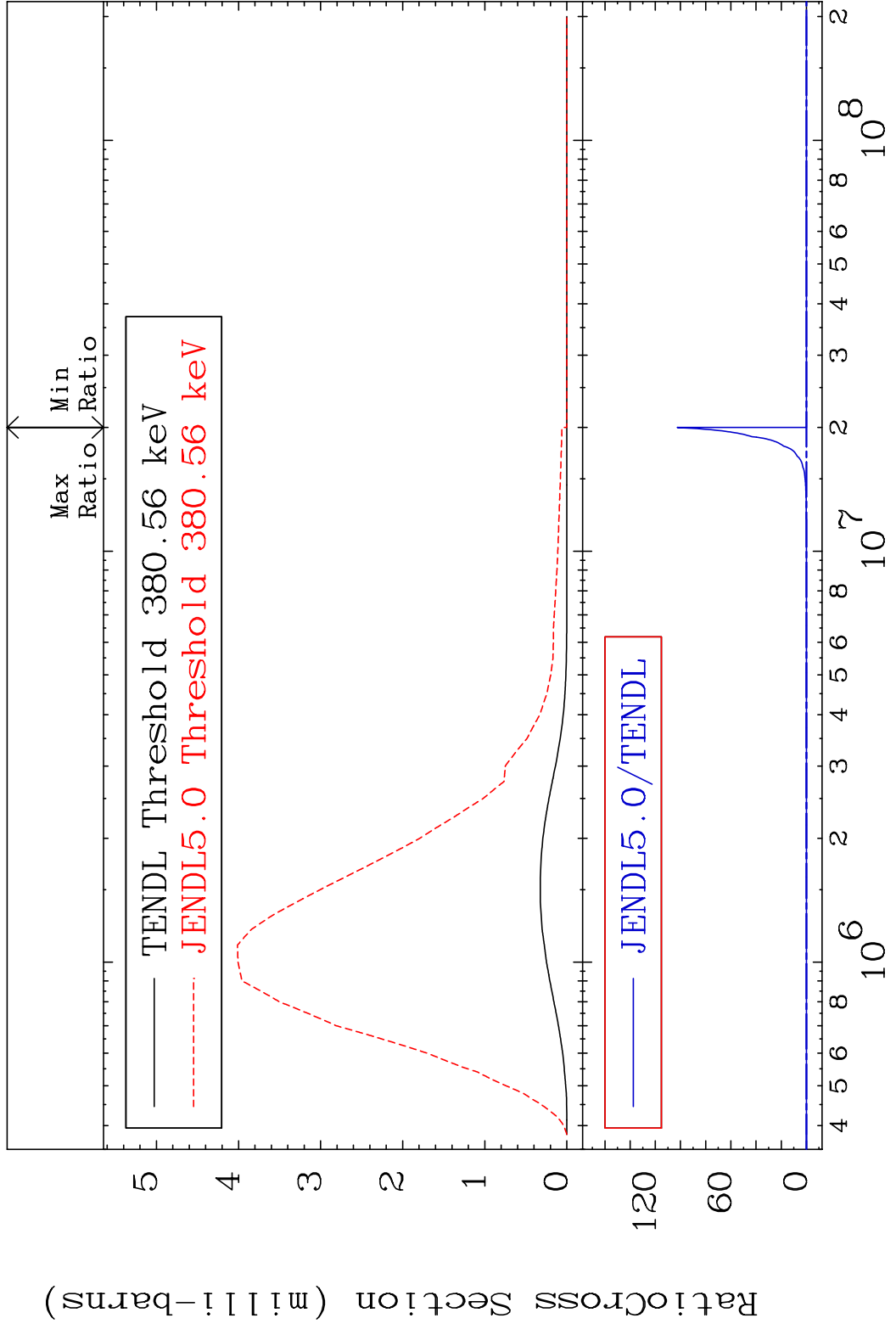
MAT 6729 MT= 68 (n, n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %



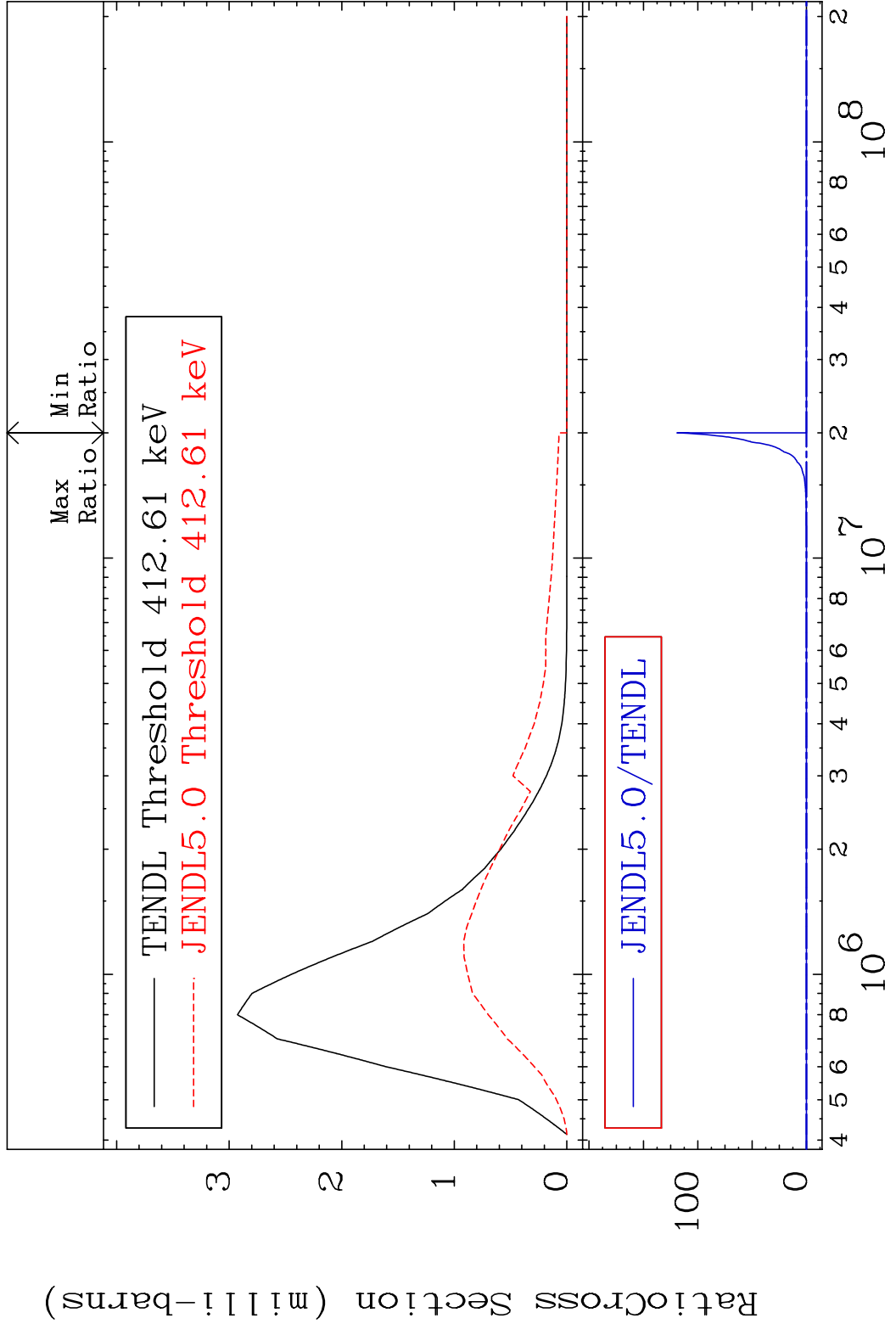
MAT 6729 MT= 69 (n, n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %



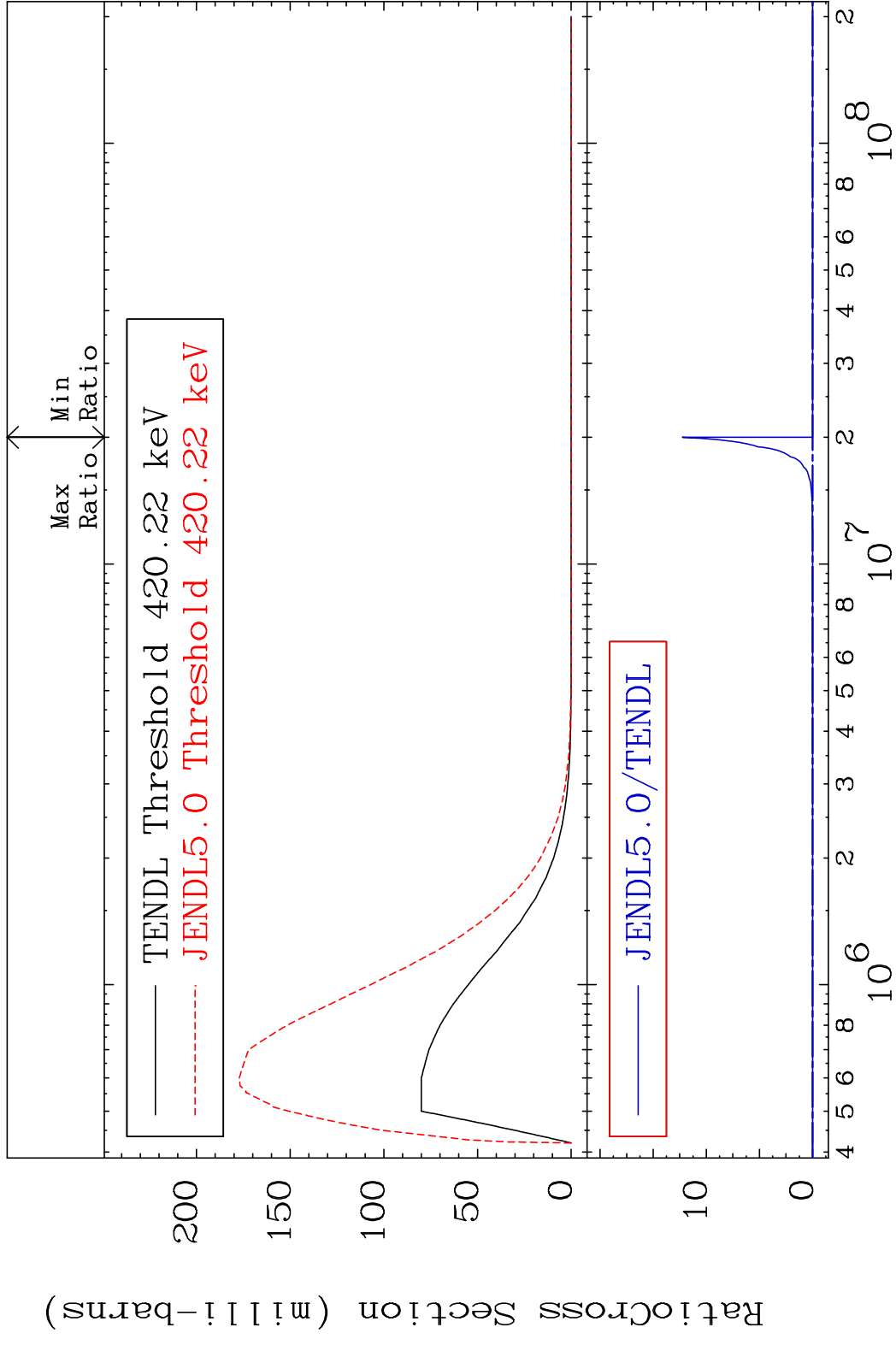
MAT 6729 MT= 70 (n, n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %



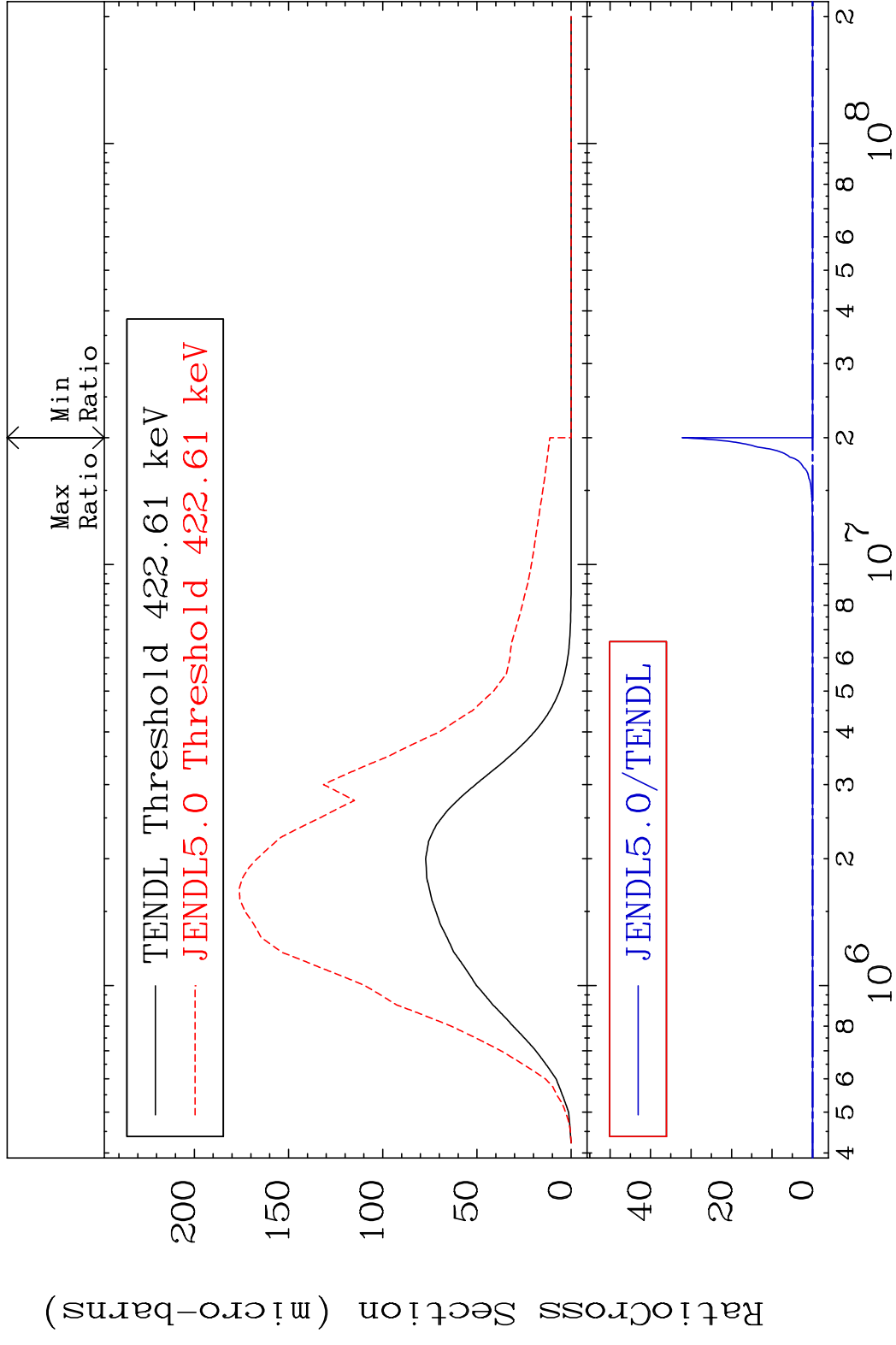
MAT 6729 MT= 71 (n, n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %



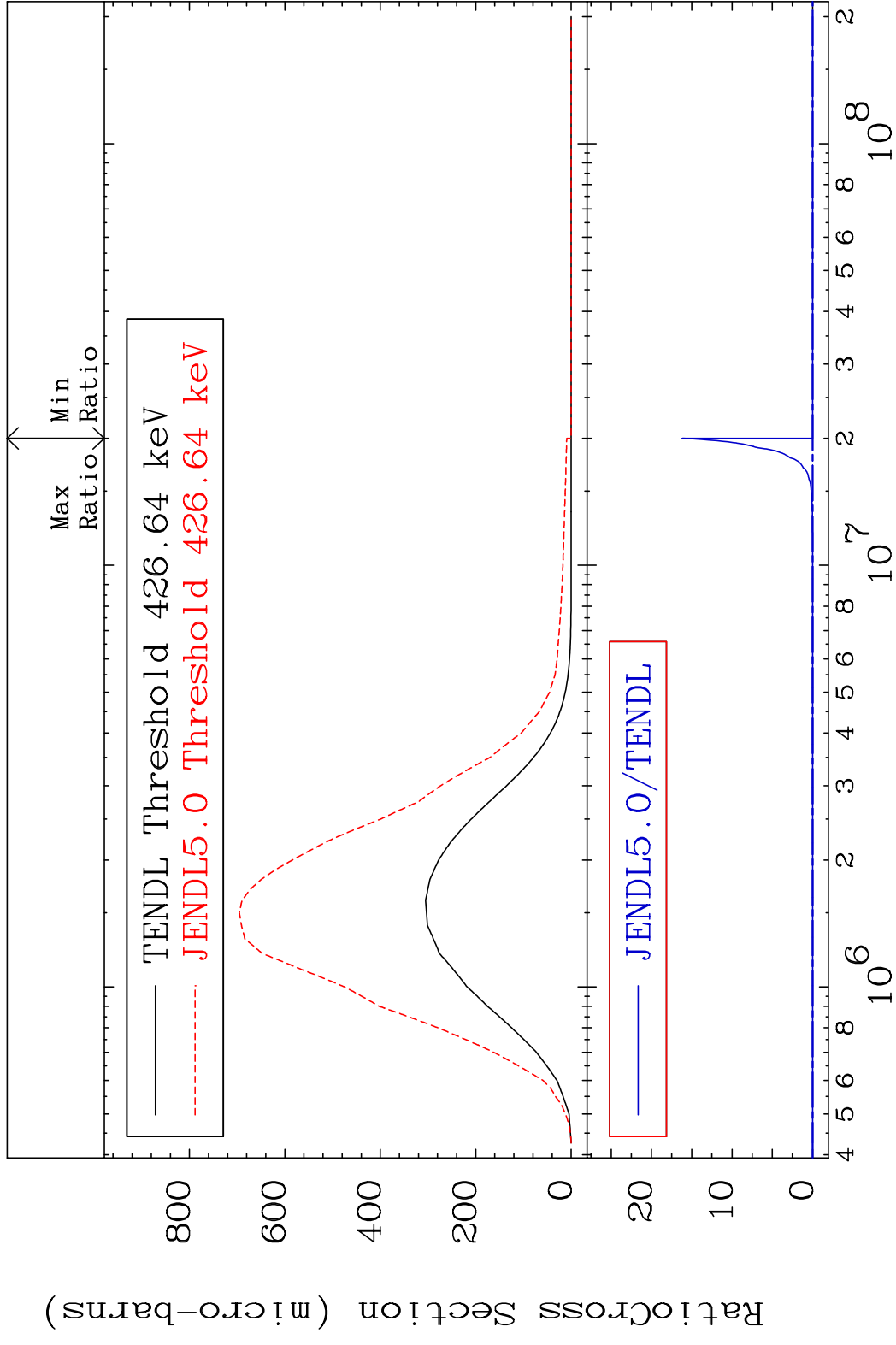
MAT 6729 MT= 72 (n, n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %



MAT 6729 MT= 73 (n, n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %

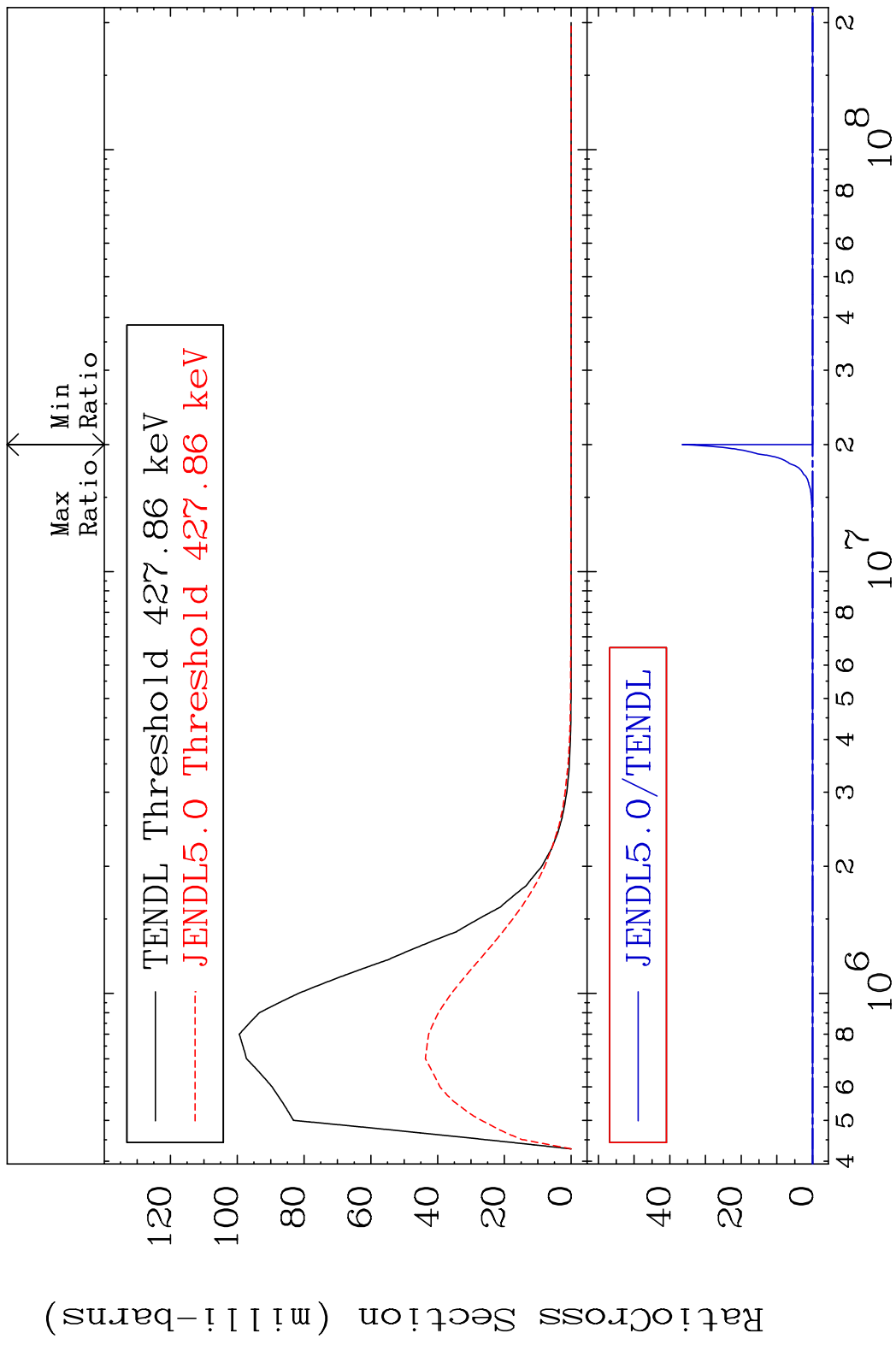


MAT 6729 MT= 74 (n, n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %



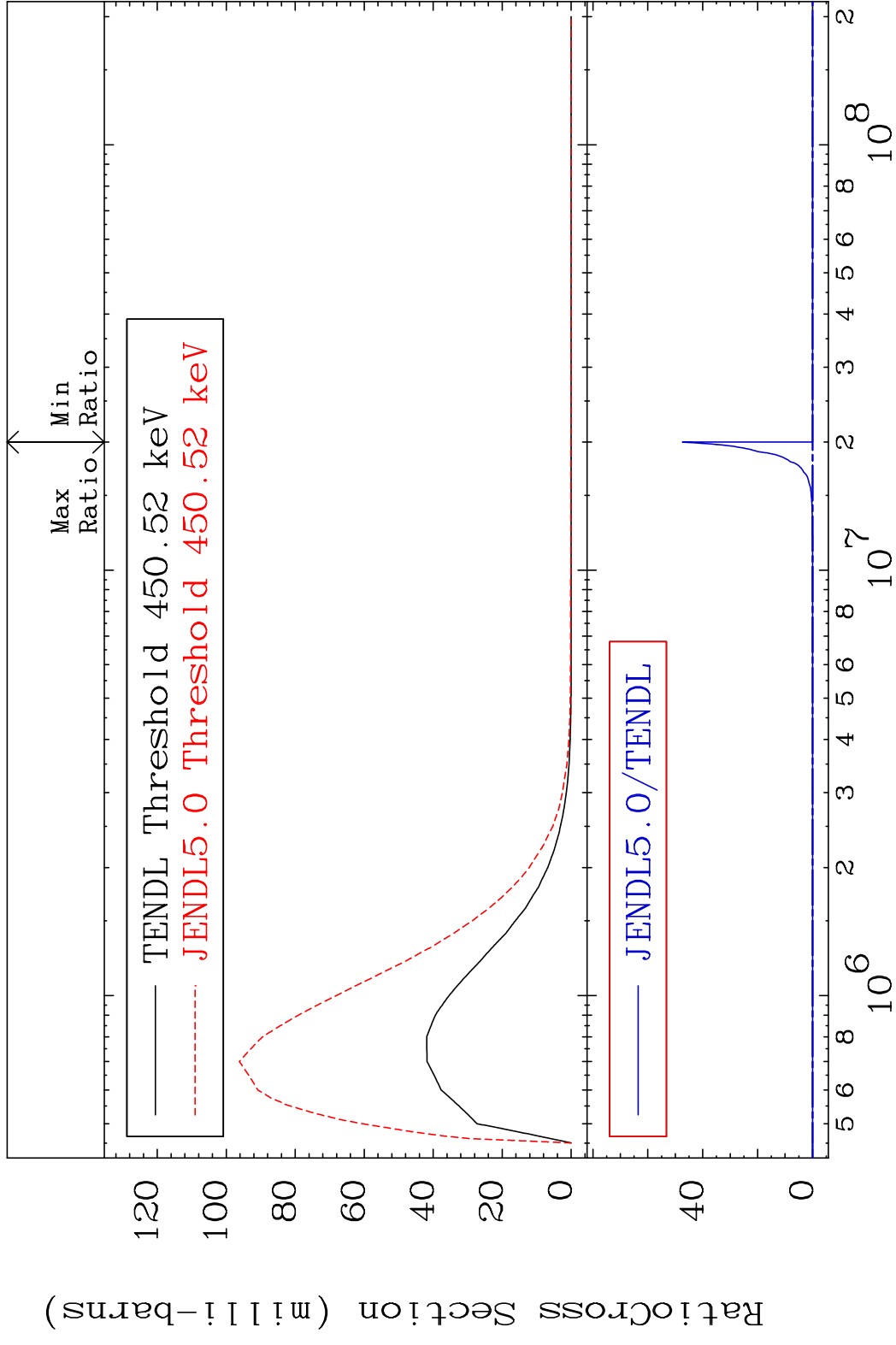
36 Incident Energy (eV) 67-Ho-166m

MAT 6729 MT= 75 (n, n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %

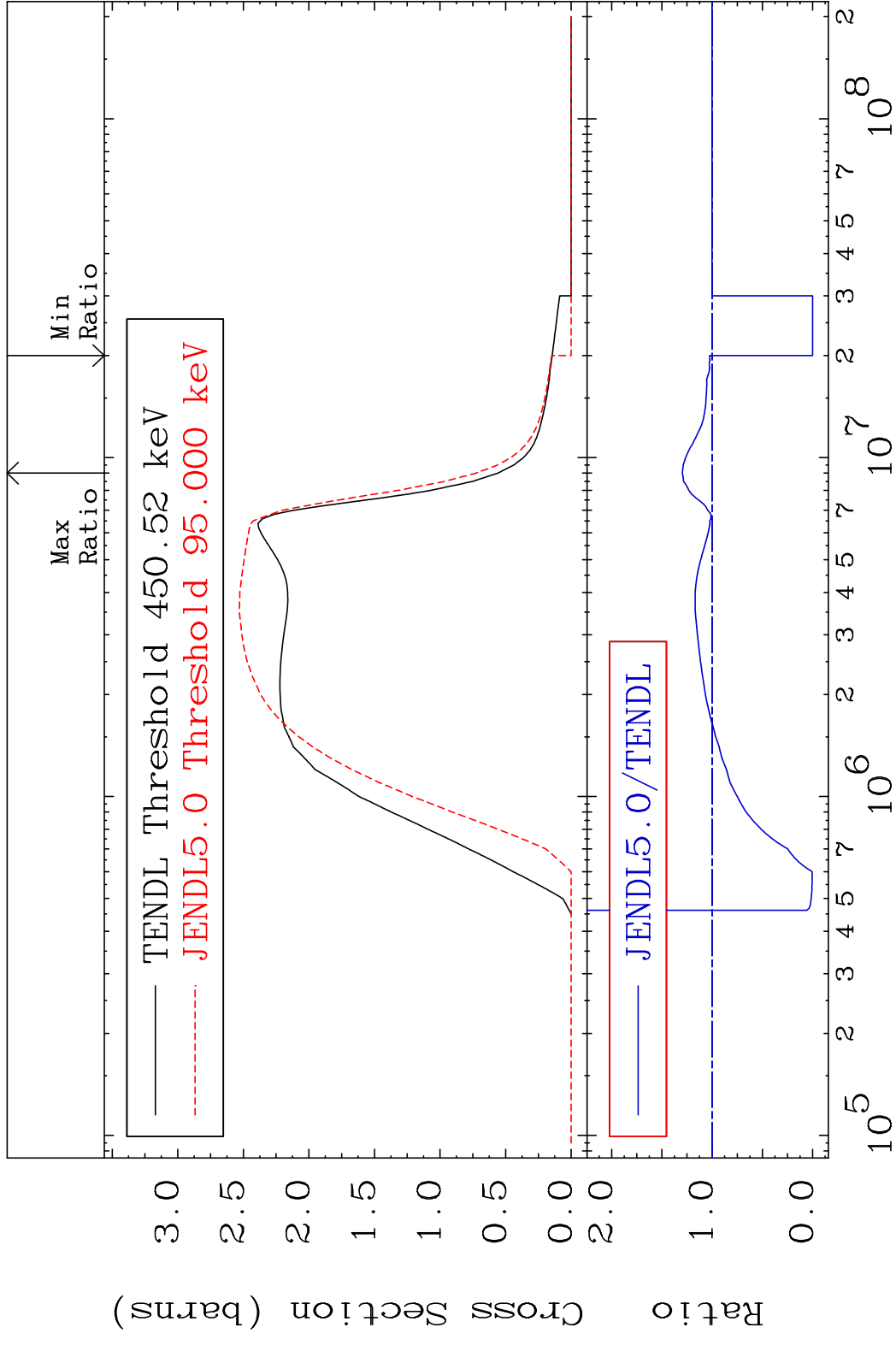


37 Incident Energy (eV) 67-Ho-166m

MAT 6729 MT= 76 (n, n') Level 67-Ho-166m
 Cross Section -100.0 To 9999. %



MAT 6729 (n, n') Continuum 67-Ho-166m
 Cross Section -100.0 To 29.65 %



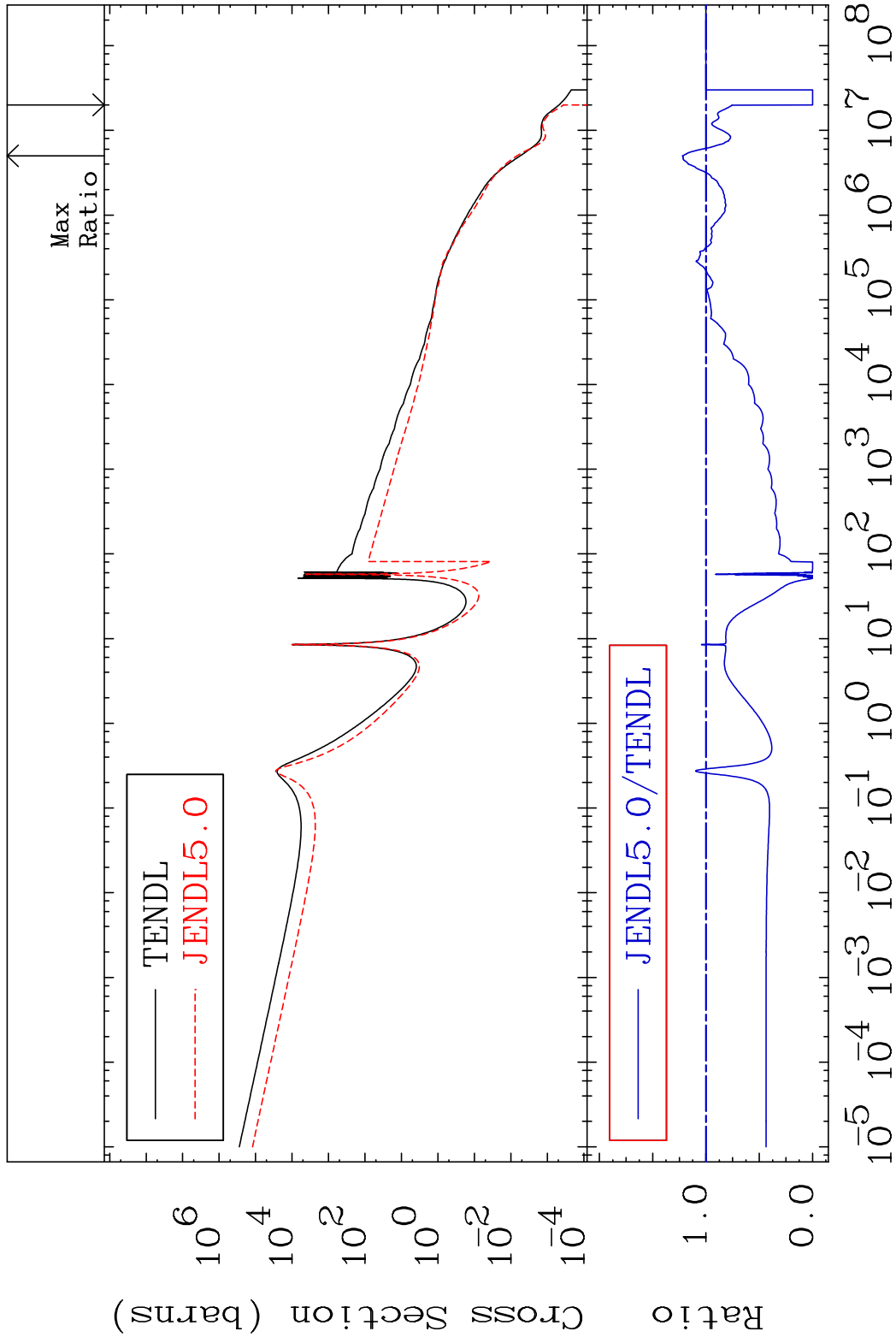
39 Incident Energy (eV) 67-Ho-166m

MAT 6729

(n, γ)

67-Ho-166m

Cross Section -100.0 To 22.18 %



40

Incident Energy (eV)

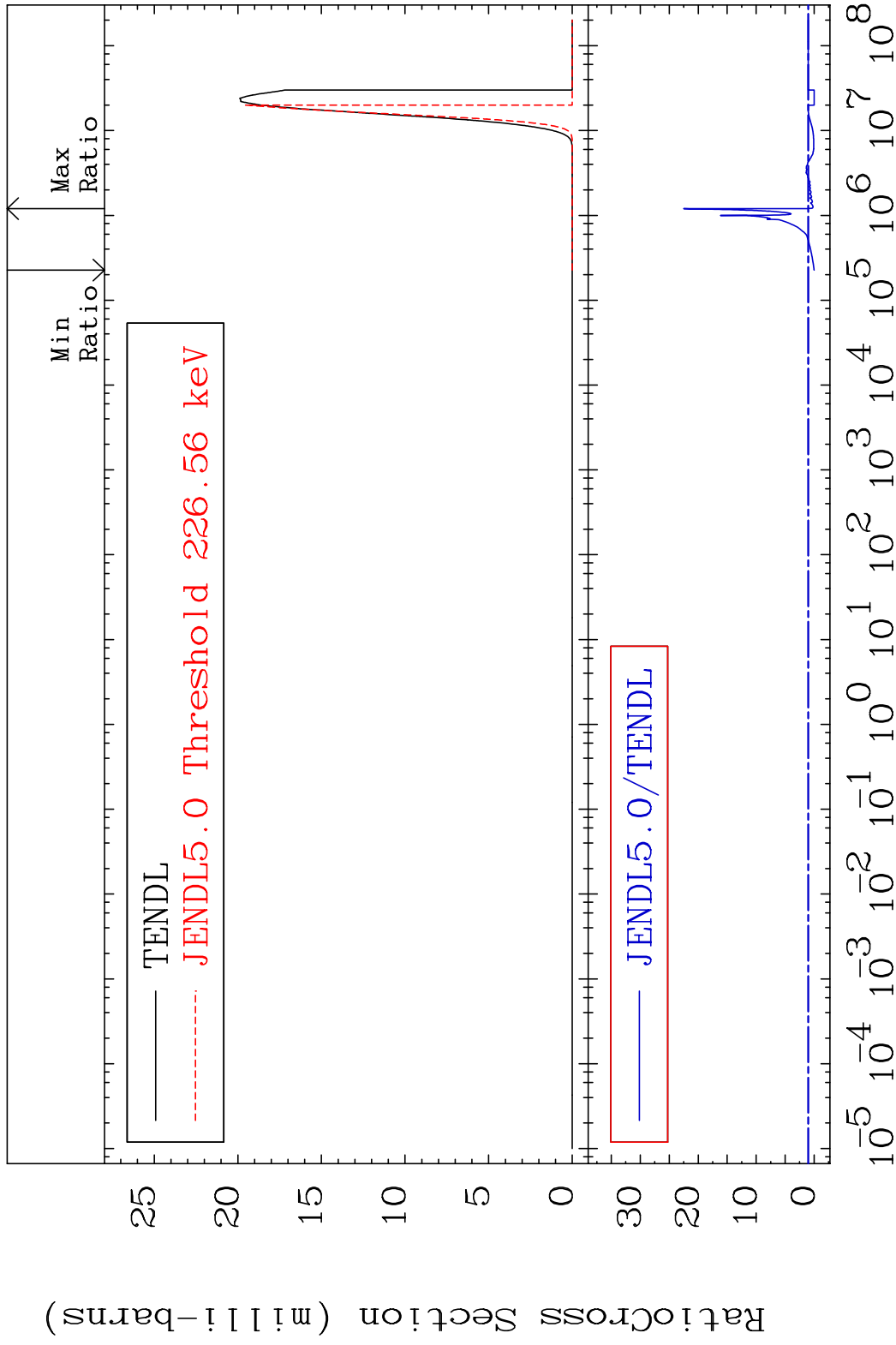
67-Ho-166m

MAT 6729

(n, p)

67-Ho-166m

Cross Section -100.0 To 2151. %



41

Incident Energy (eV)

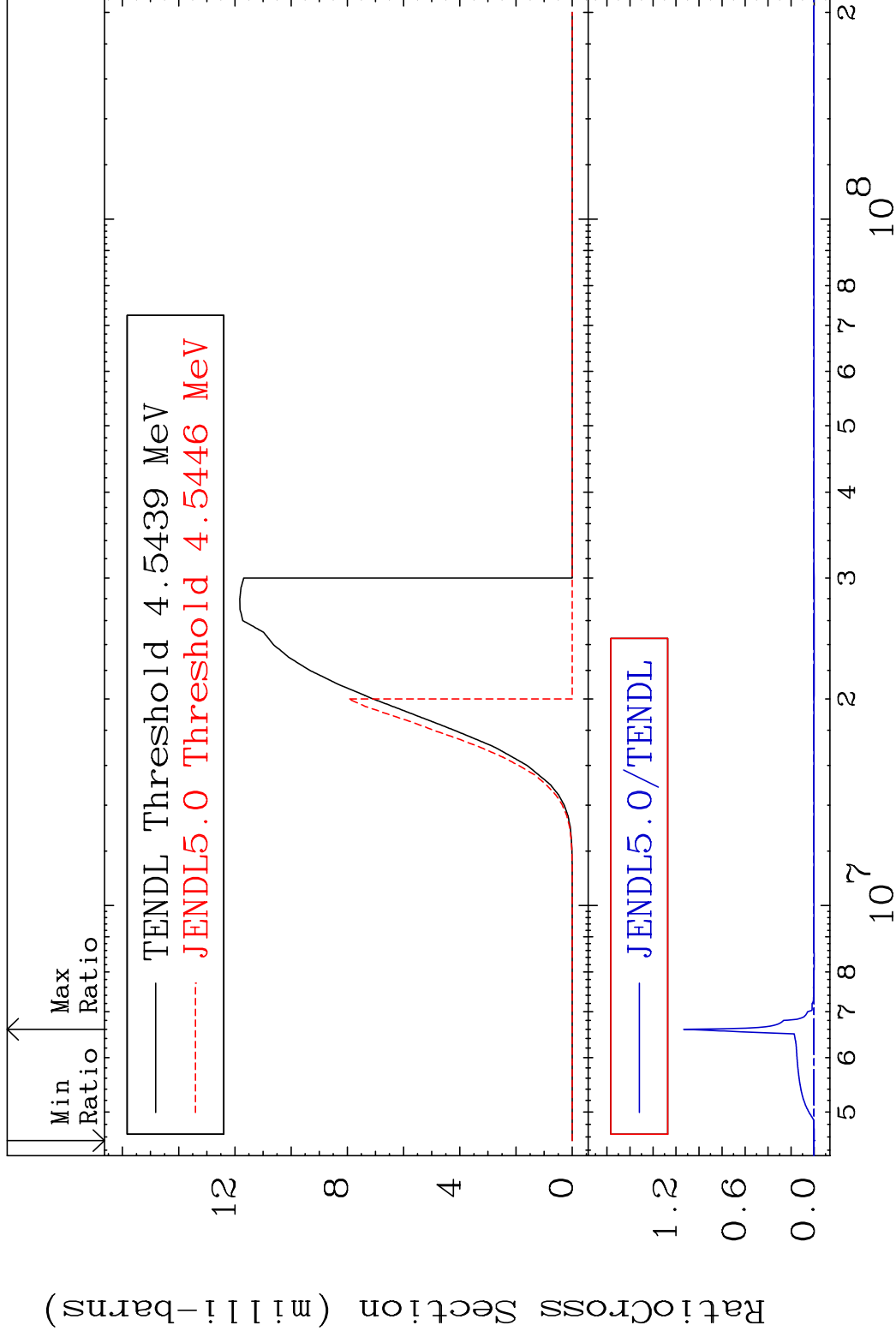
67-Ho-166m

MAT 6729

(n,d)

67-Ho-166m

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

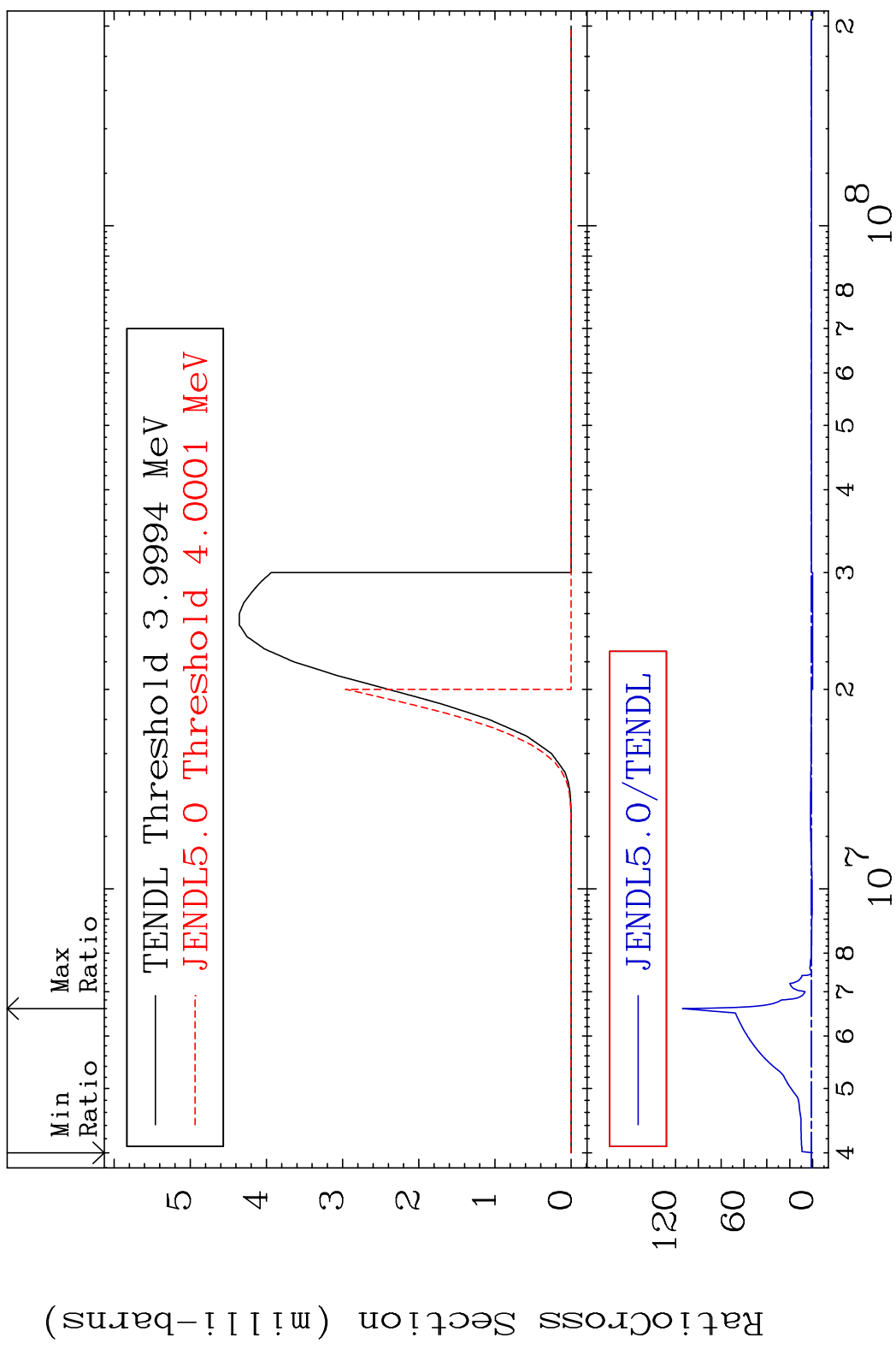
67-Ho-166m

MAT 6729

(n, t)

67-Ho-166m

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

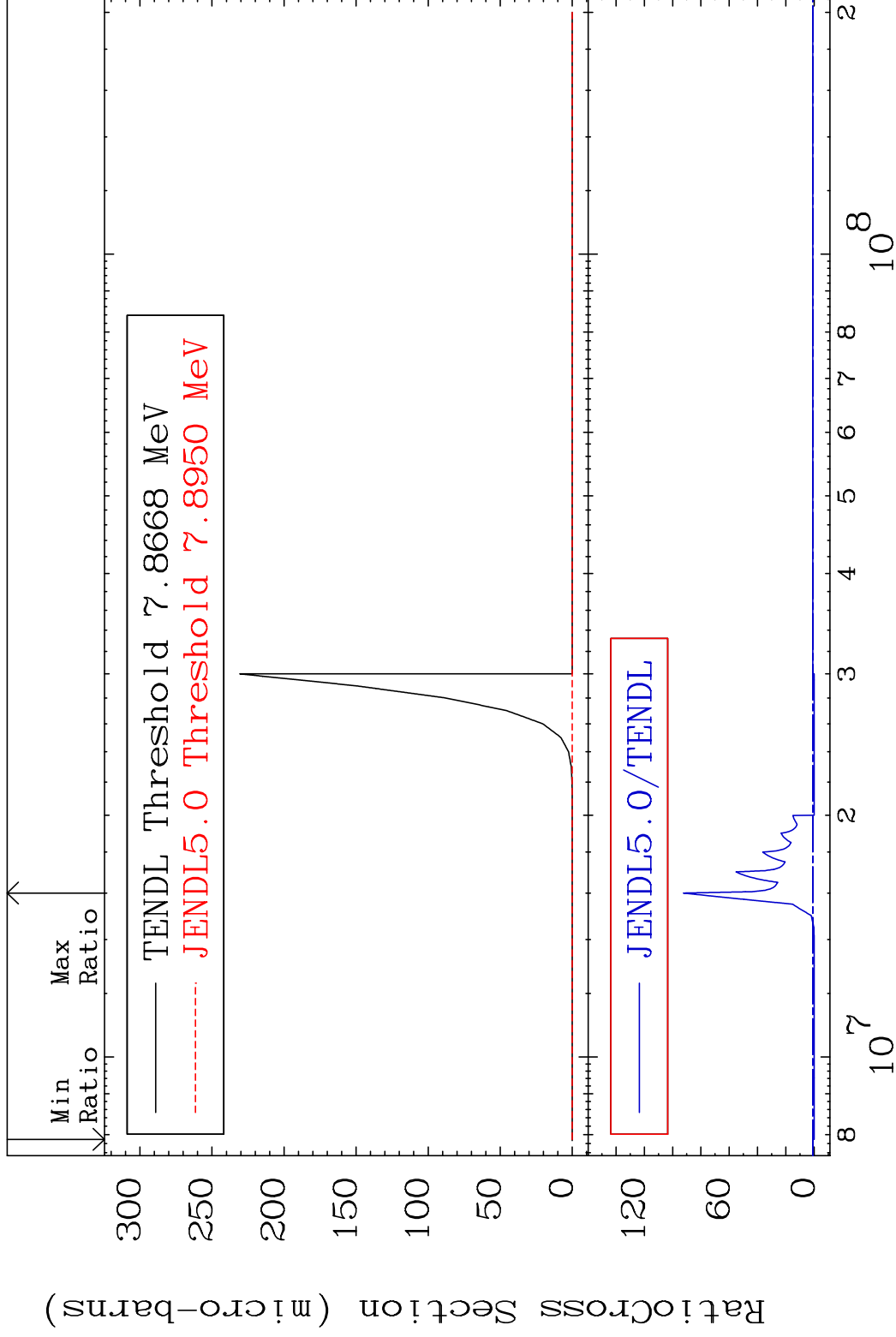
67-Ho-166m

MAT 6729

(n, He-3)

67-Ho-166m

Cross Section -100.0 To 9120. %



44

Incident Energy (eV)

67-Ho-166m

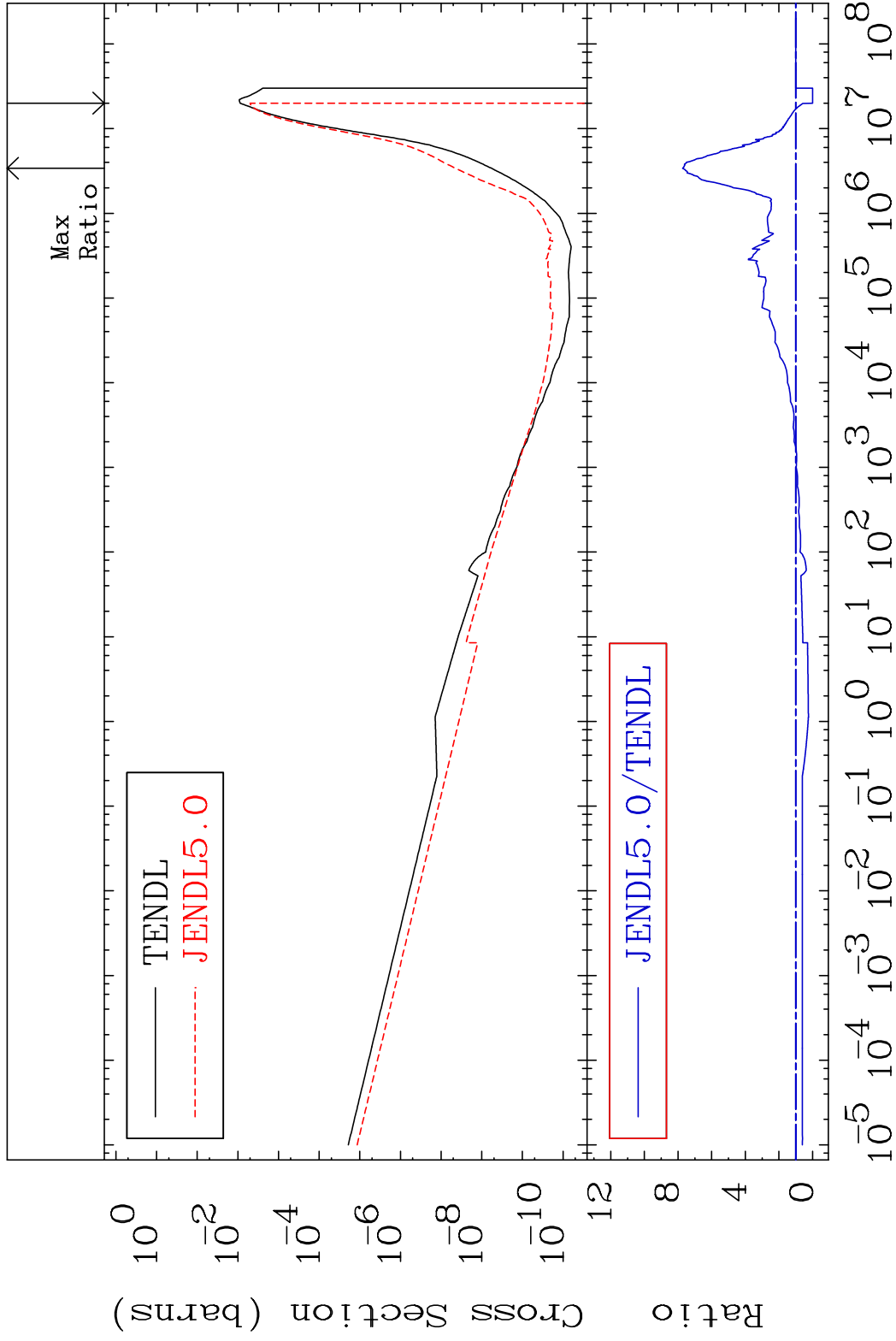
MAT 6729

(n, α)

67-Ho-166m

Cross Section

-100.0 To 674.2 %



45

Incident Energy (eV)

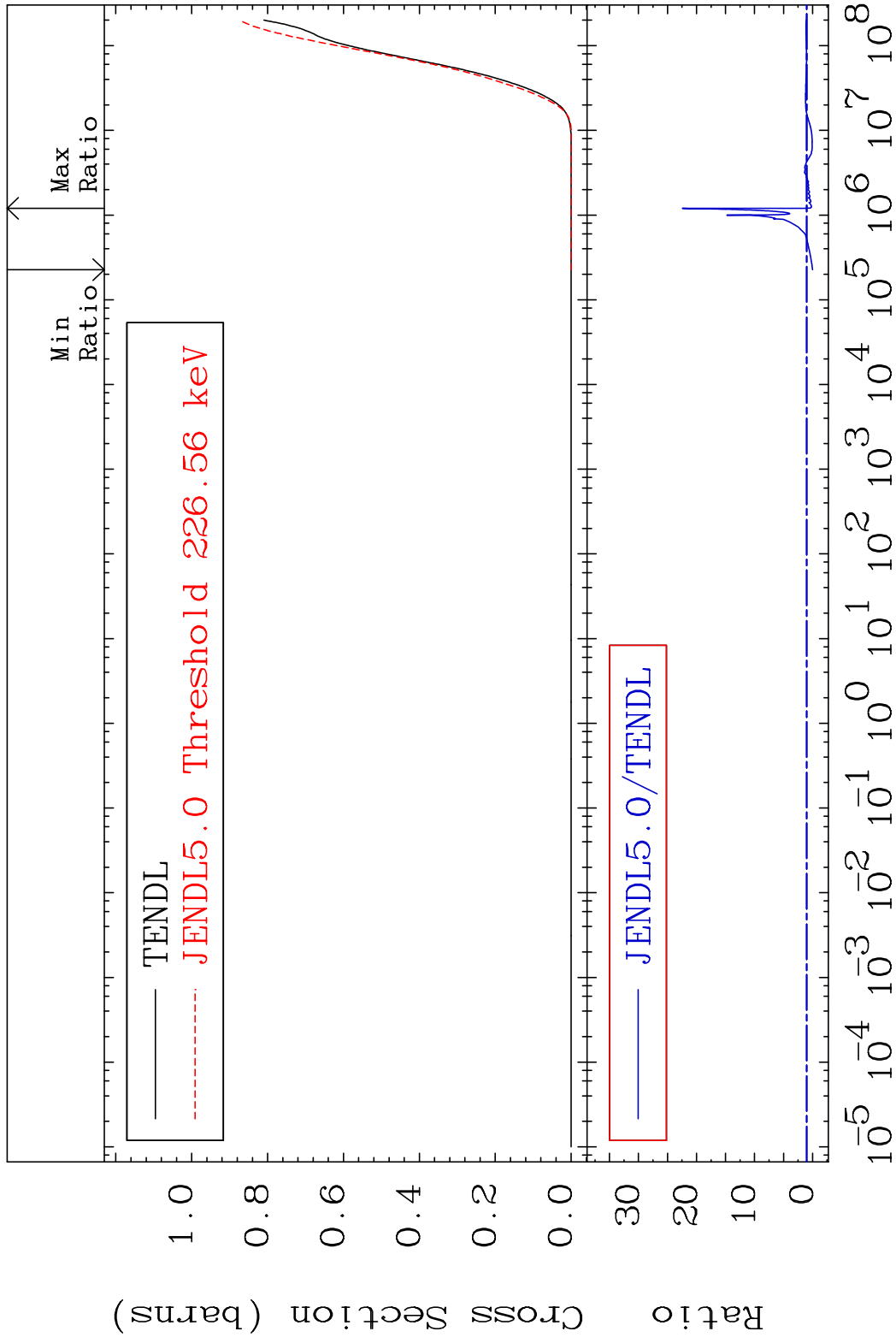
67-Ho-166m

MAT 6729

Hydrogen Production

67-Ho-166m

Cross Section -100.0 To 2144. %



46

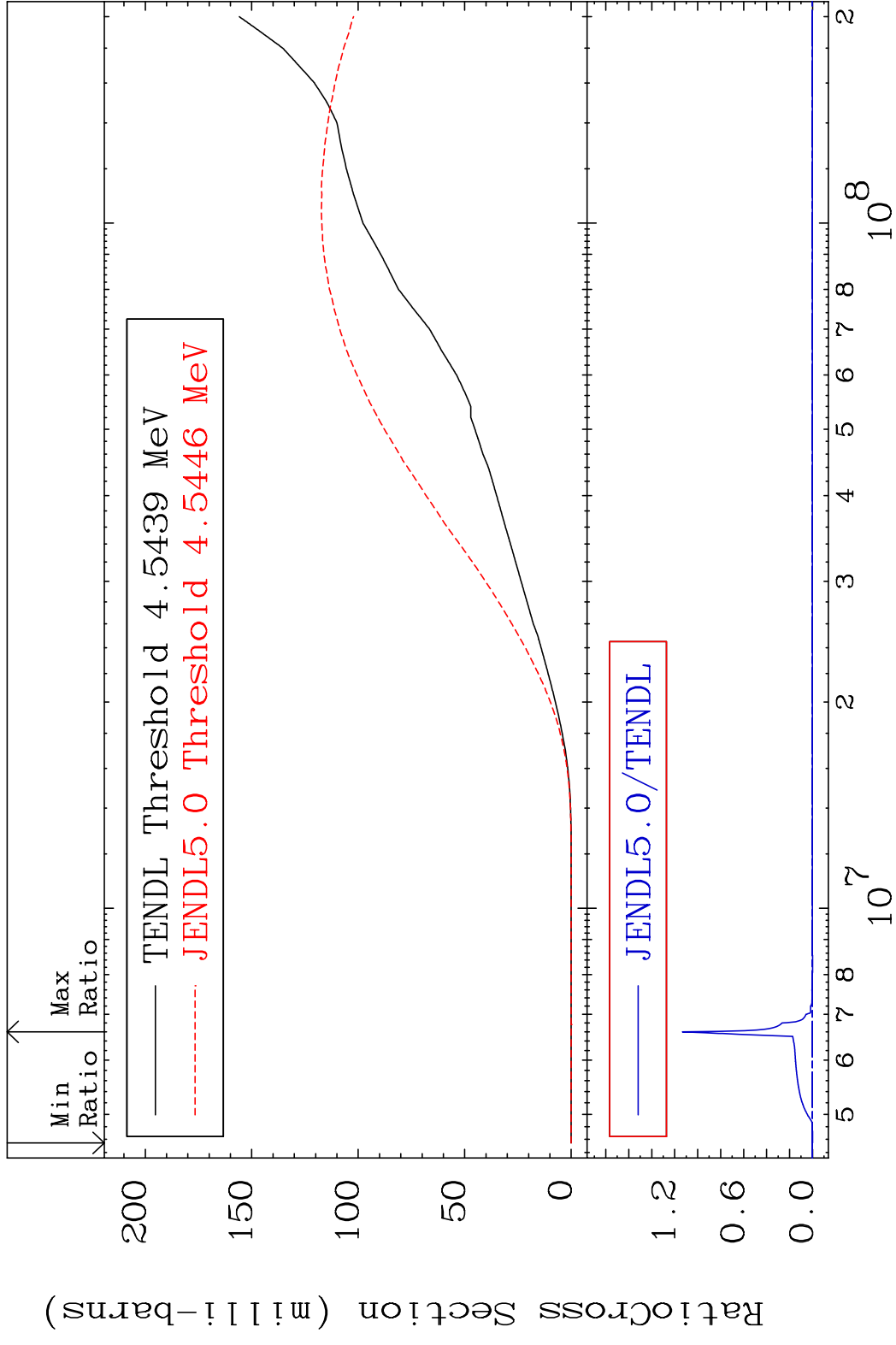
Incident Energy (eV)

67-Ho-166m

MAT 6729

Deuterium Production 67-Ho-166m

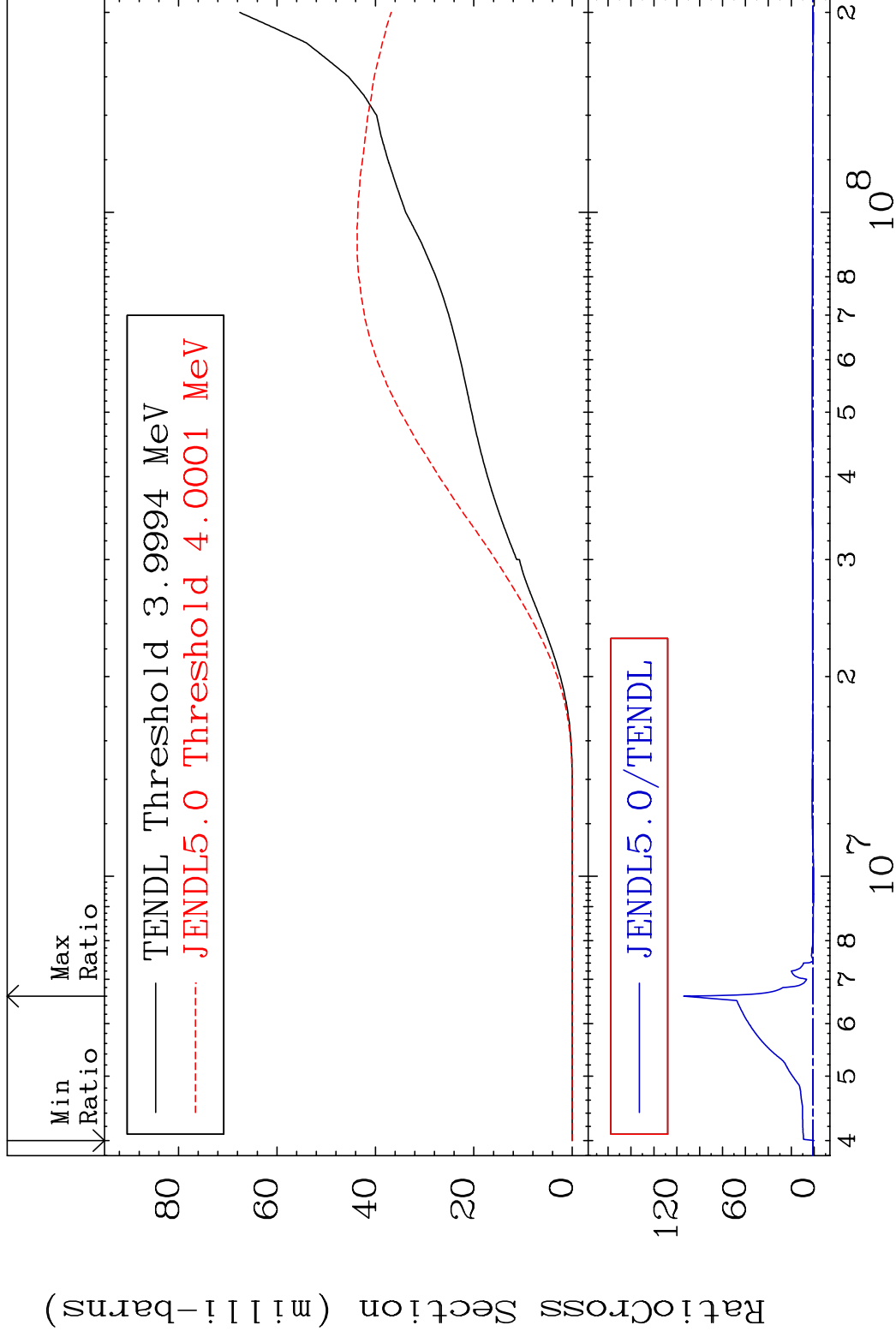
Cross Section -100.0 To 9999. %



MAT 6729

Tritium Production 67-Ho-166m

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

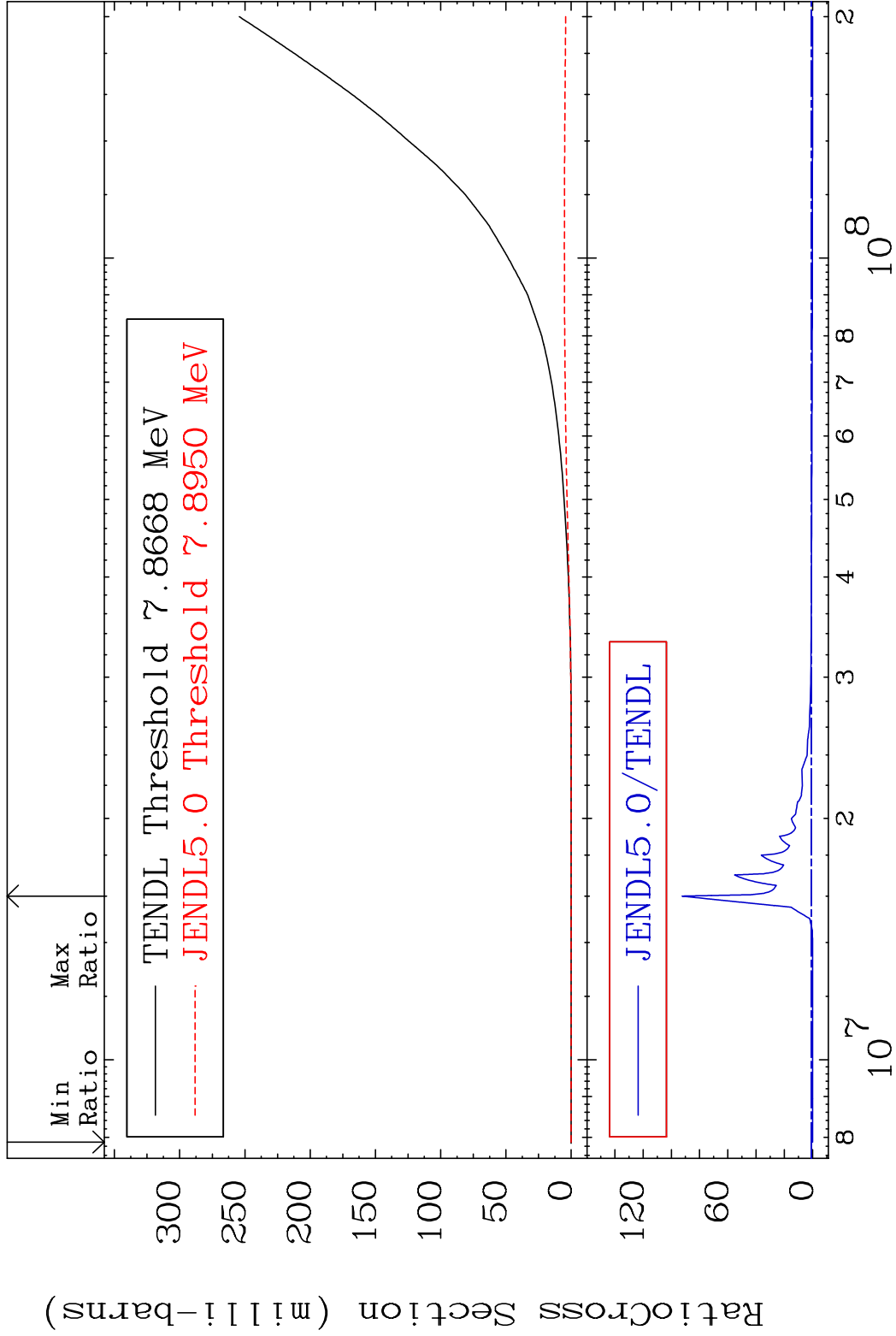
67-Ho-166m

MAT 6729

He-3 Production

67-Ho-166m

Cross Section -100.0 To 9120. %



49

Incident Energy (eV)

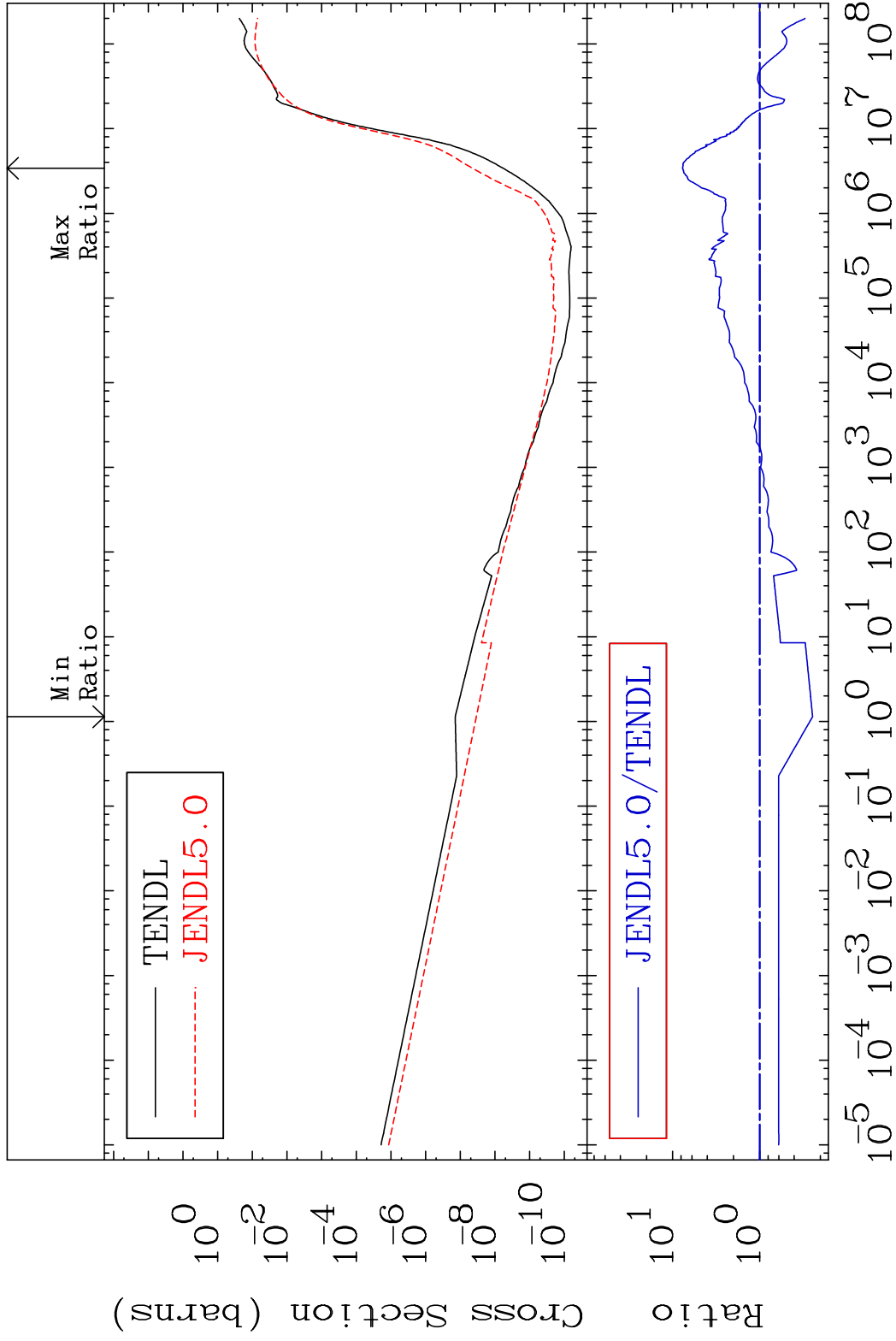
67-Ho-166m

MAT 6729

He-4 Production

67-Ho-166m

Cross Section -75.37 To 674.2 %

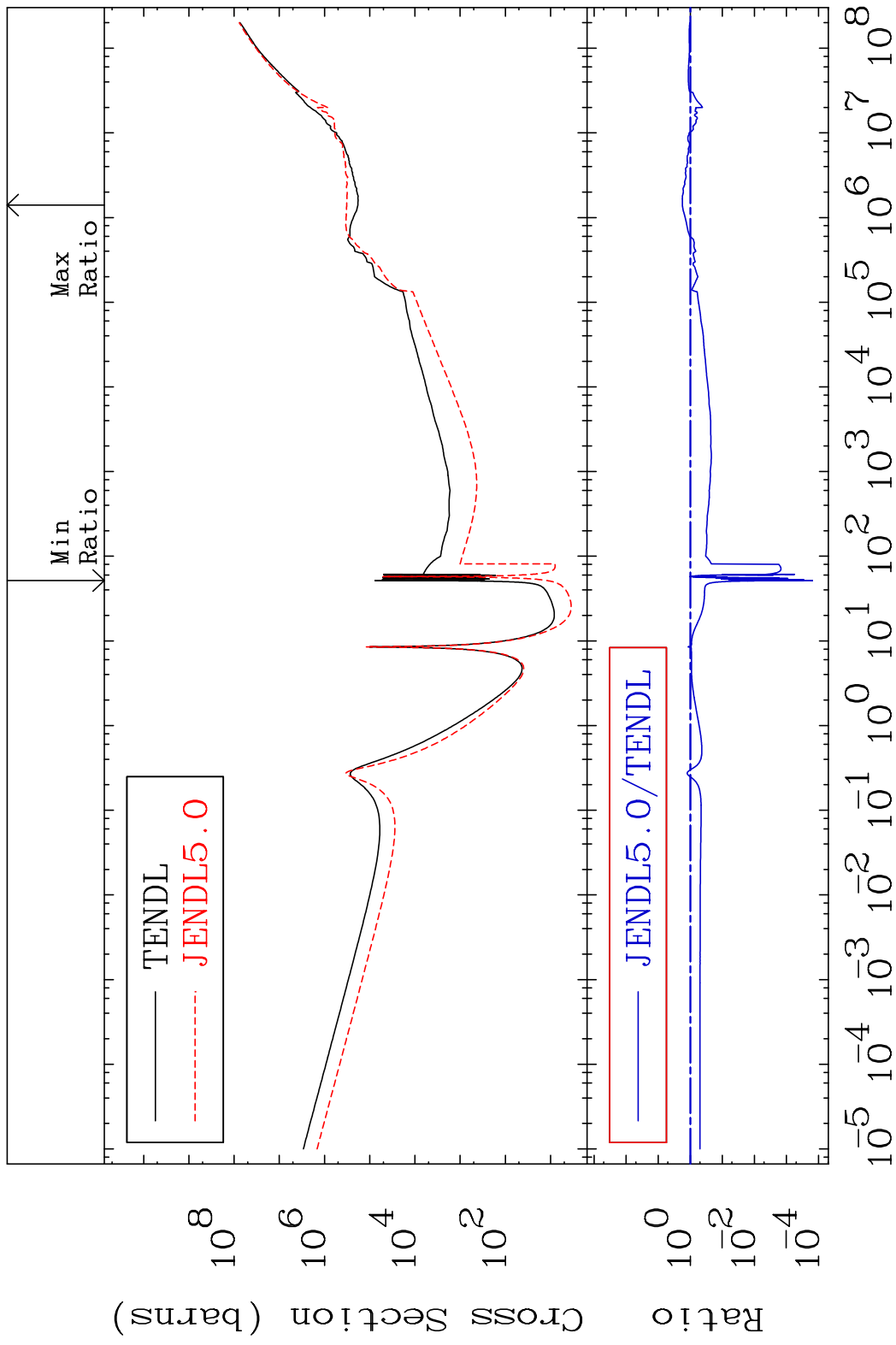


50

Incident Energy (eV)

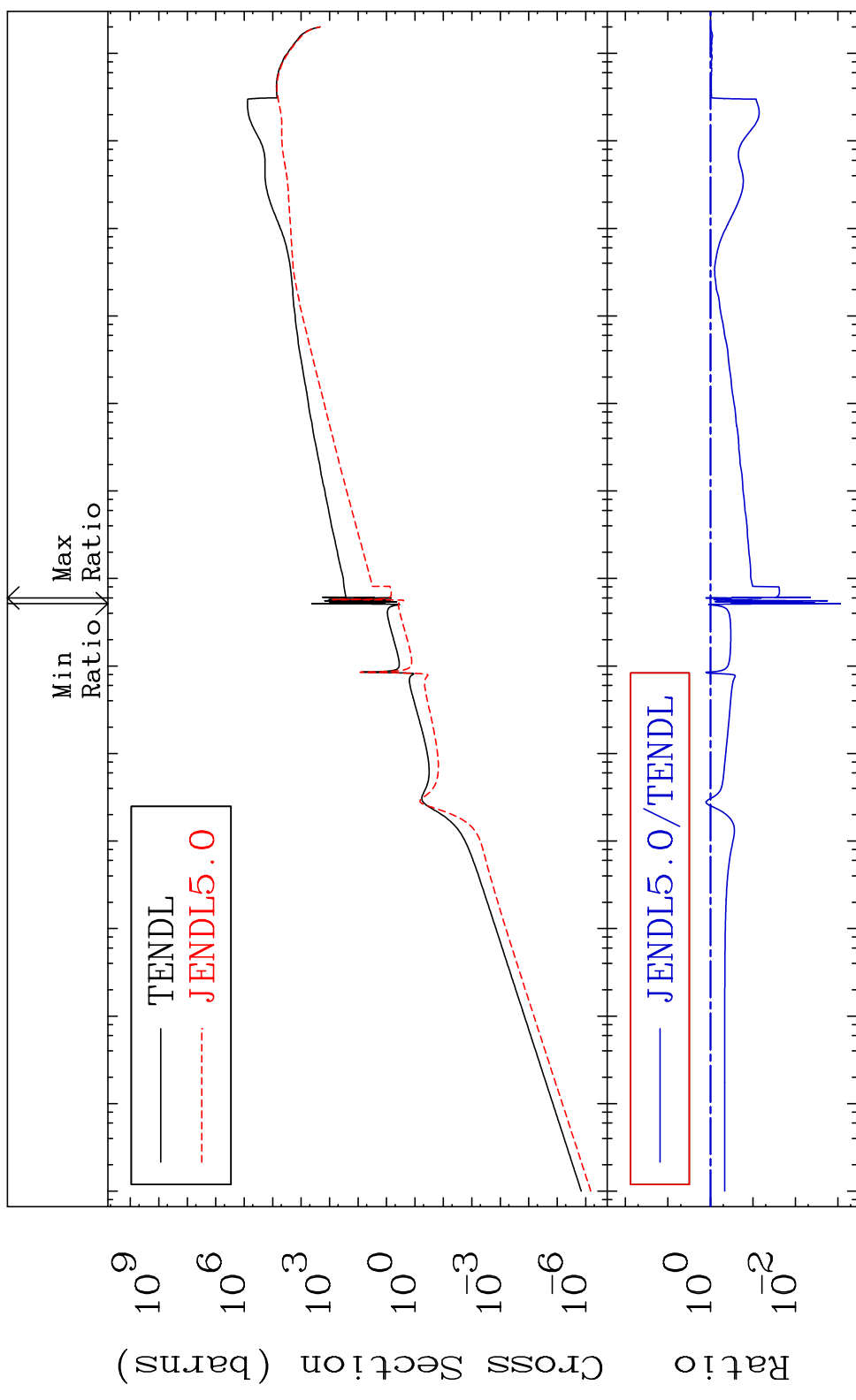
67-Ho-166m

MAT 6729 Kerma total (eV-barns) 67-Ho-166m
 Cross Section -99.98 To 76.51 %

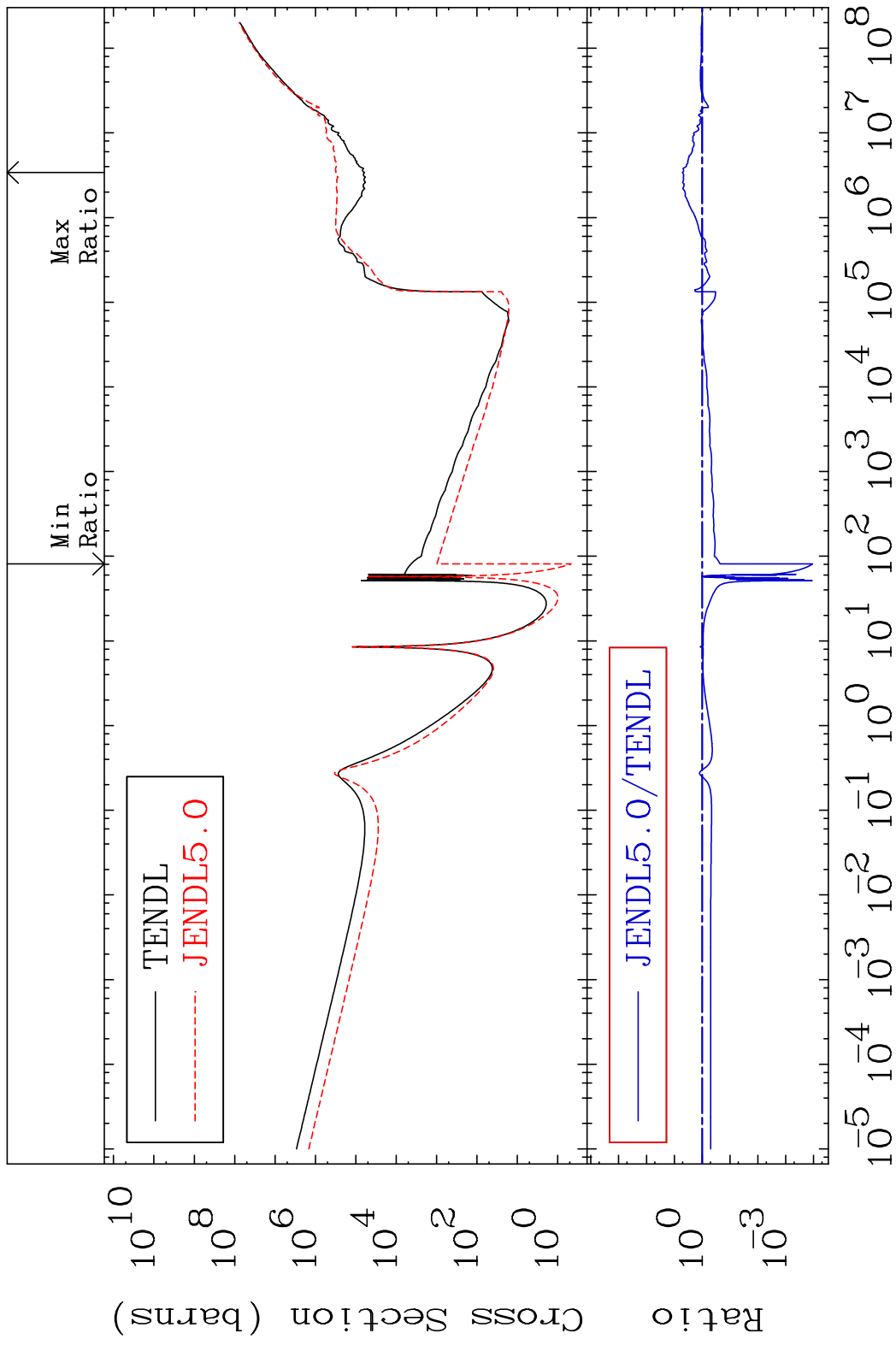


MAT 6729

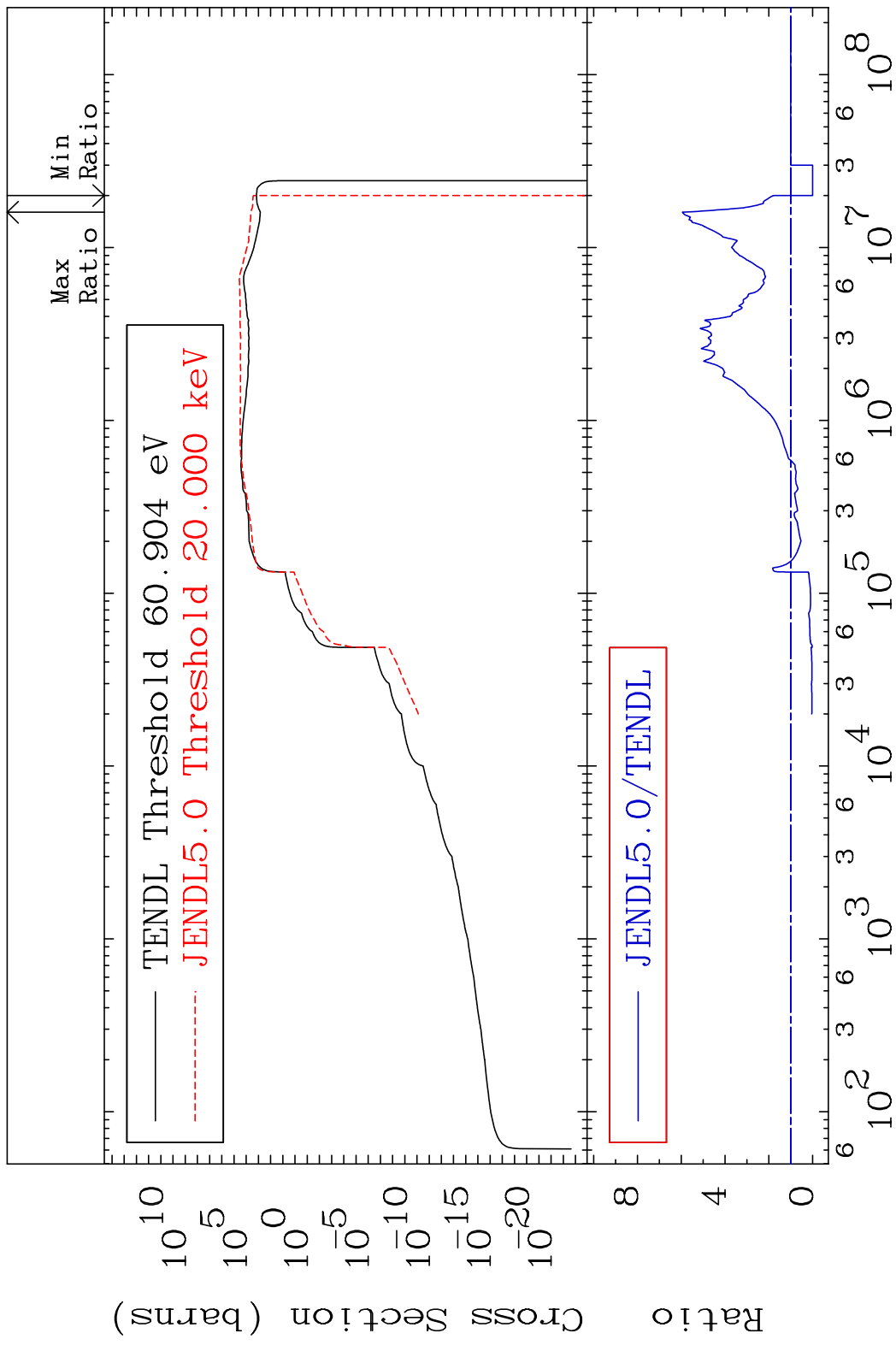
Kerma elastic 67-Ho-166m
Cross Section -99.91 To 28.59 %



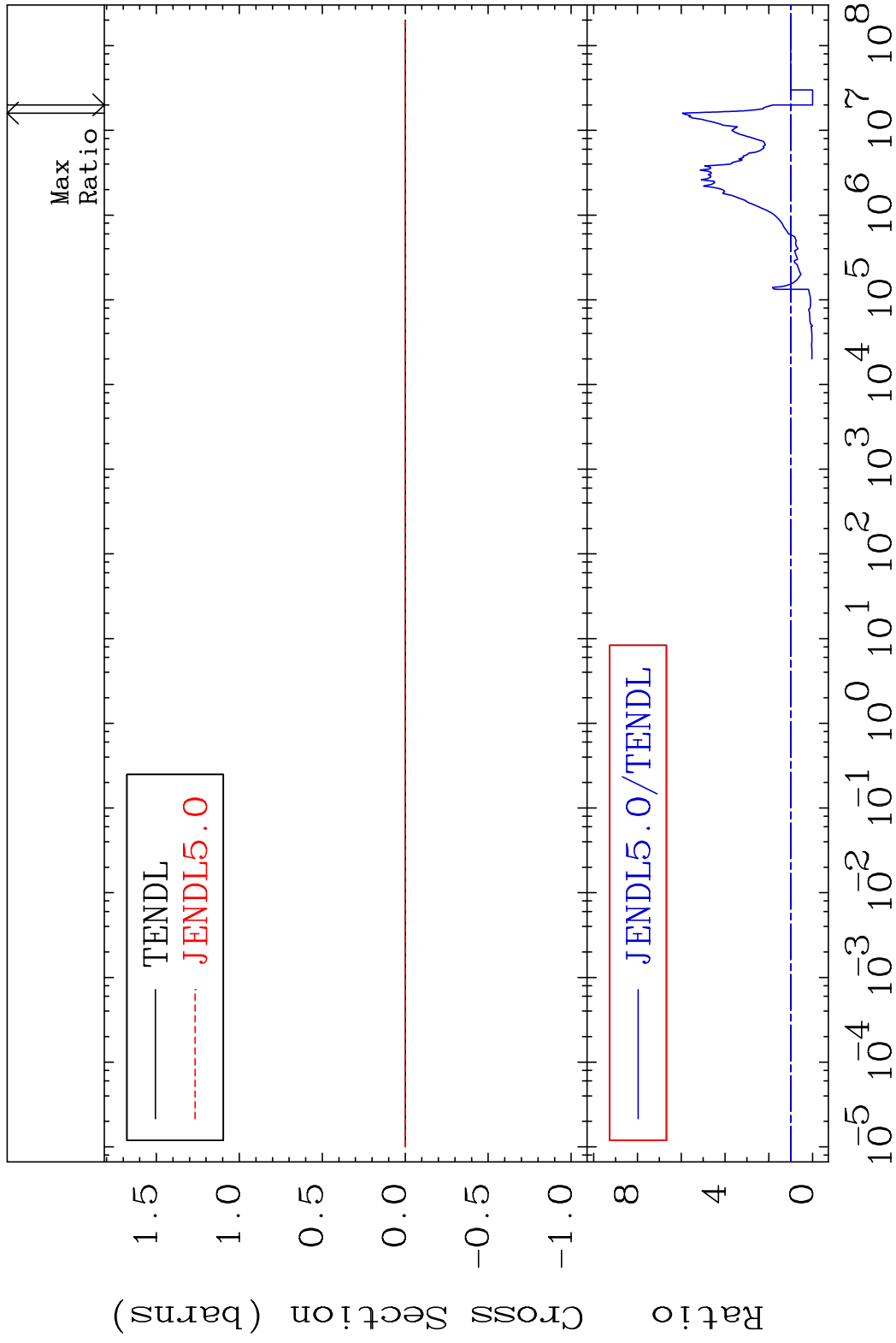
MAT 6729 Kerma non-elastic (all but mt2) 67-Ho-166m
 Cross Section -99.99 To 414.3 %



MAT 6729 Kerma inelastic (mt51-91) 67-Ho-166m
 Cross Section -100.0 To 494.6 %

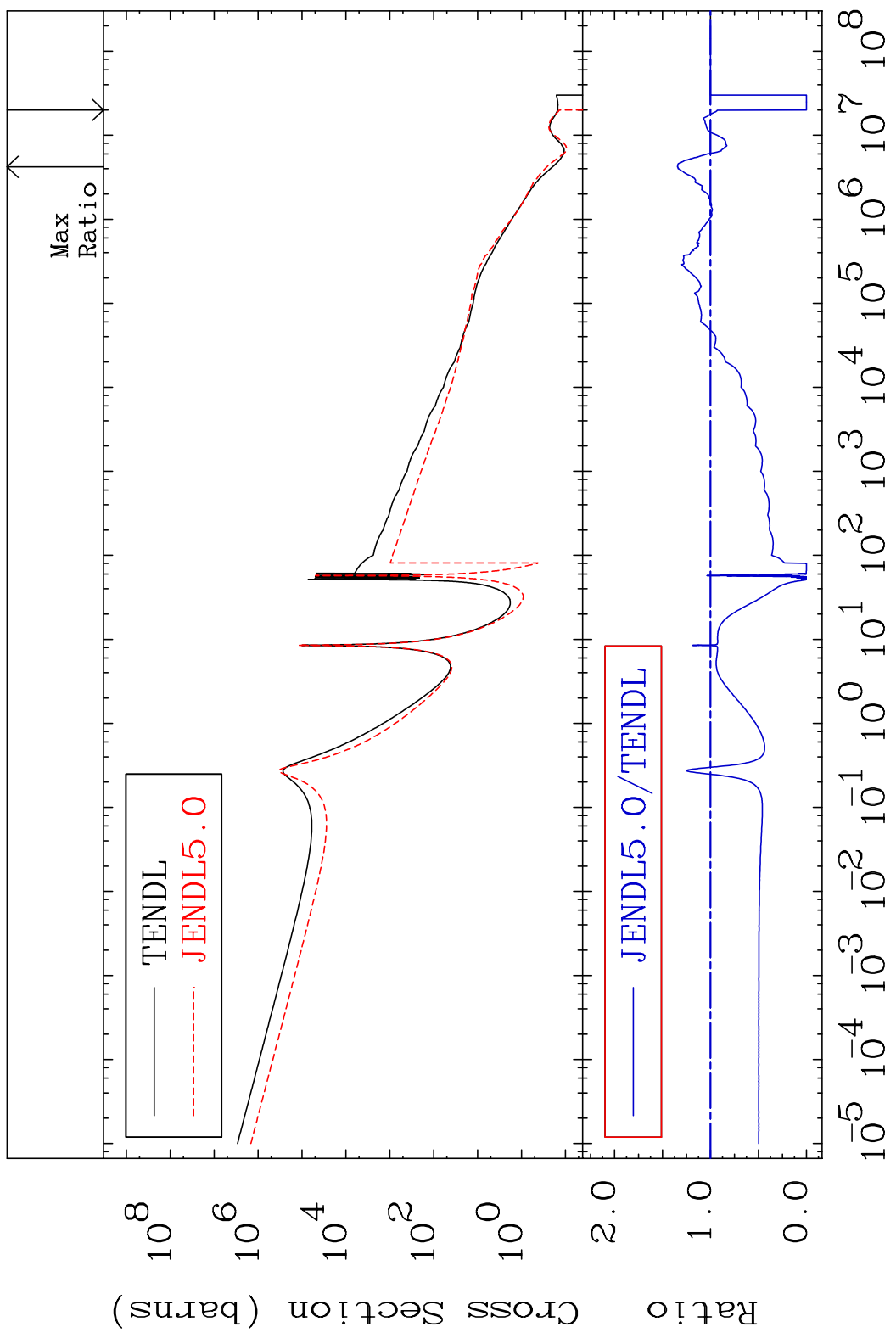


MAT 6729 Kerma fission (mt18 or mt19-20-21-36) Ho-166m
 Cross Section -100.0 To 494.6 %



MAT 6729

Kerma capture (mt102) 67-Ho-166m
Cross Section -100.0 To 34.62 %

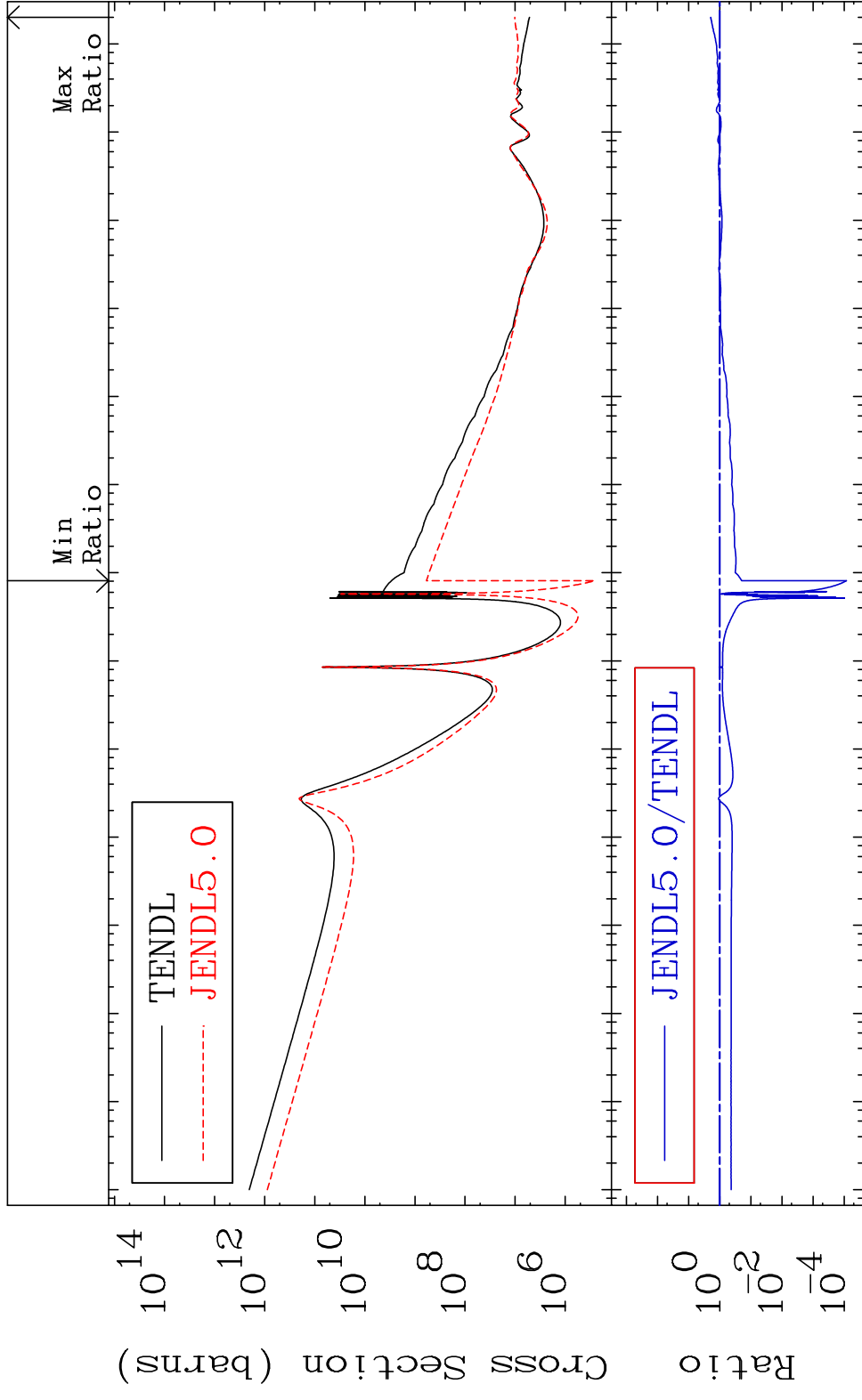


56

Incident Energy (eV) 67-Ho-166m

MAT 6729

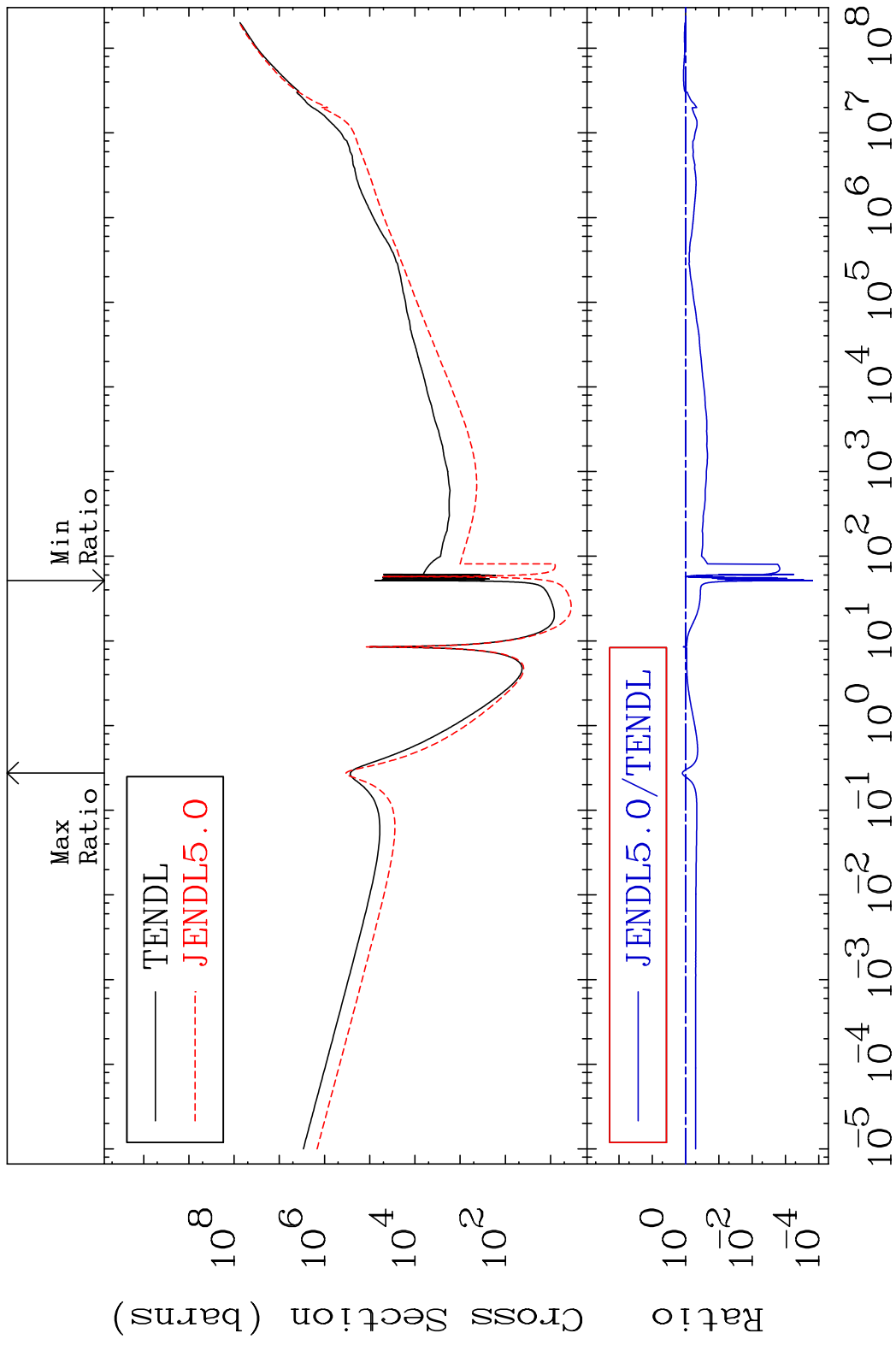
Total photon (eV-barns) 67-Ho-166m
Cross Section -99.99 To 96.81 %



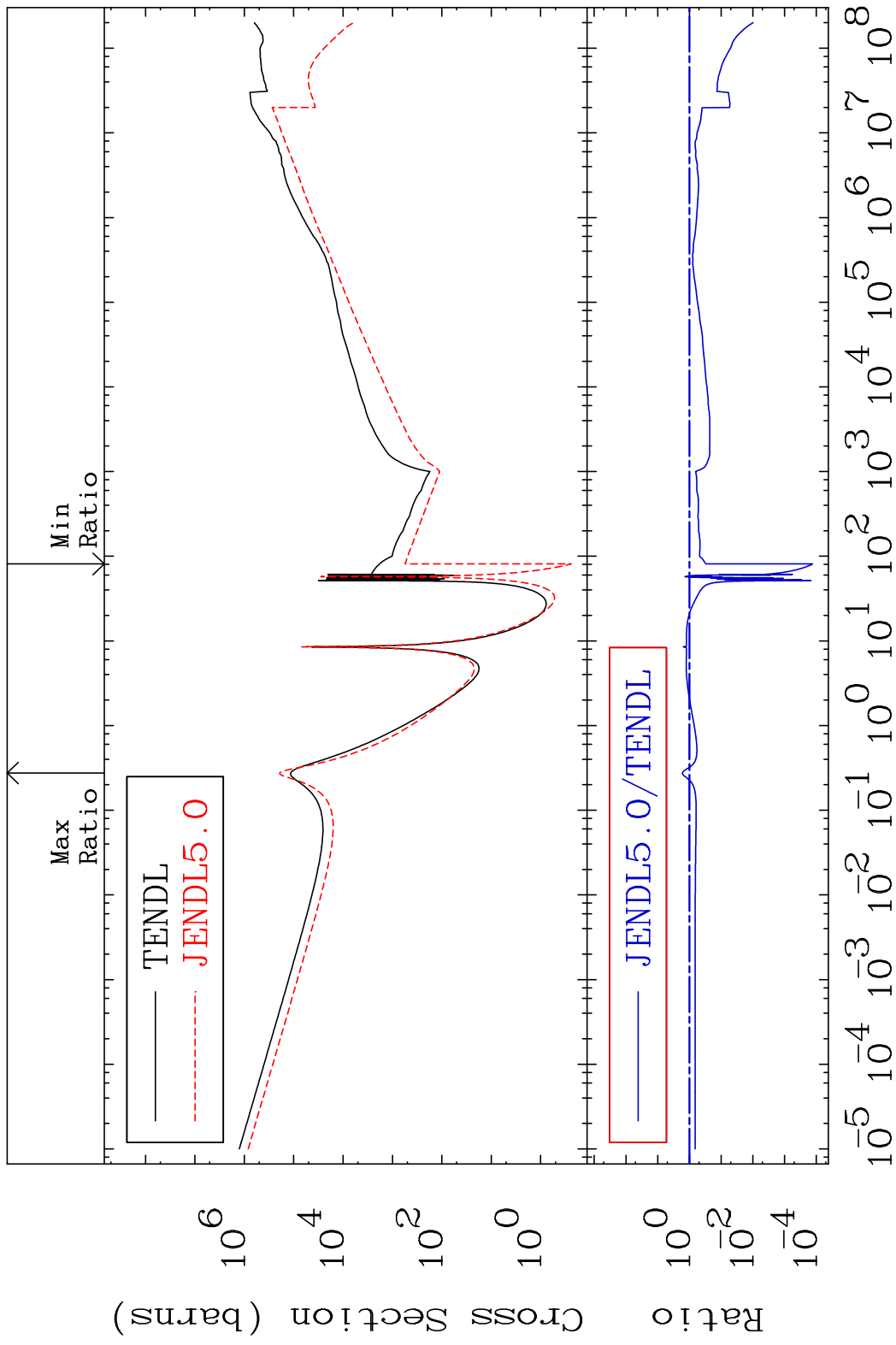
57

Incident Energy (eV) 67-Ho-166m

MAT 6729 Total kinematic kerma (high limit)67-Ho-166m
 Cross Section -99.98 To 24.80 %



MAT 6729 Dpa total (eV-barns) 67-Ho-166m
 Cross Section -99.99 To 66.82 %



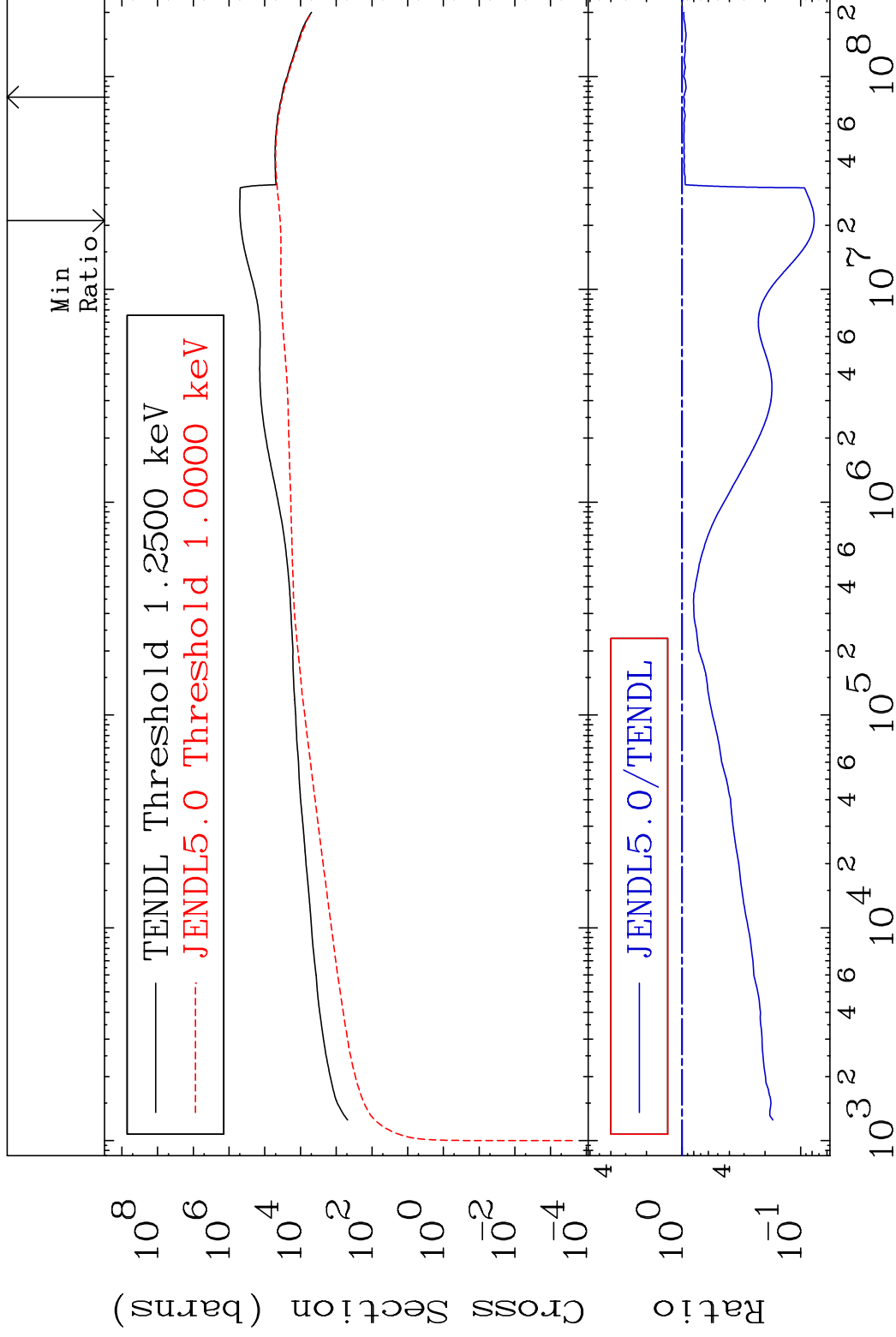
59 Incident Energy (eV) 67-Ho-166m

MAT 6729

Dpa elastic (mt2)

67-Ho-166m

Cross Section -92.31 To -2.847%

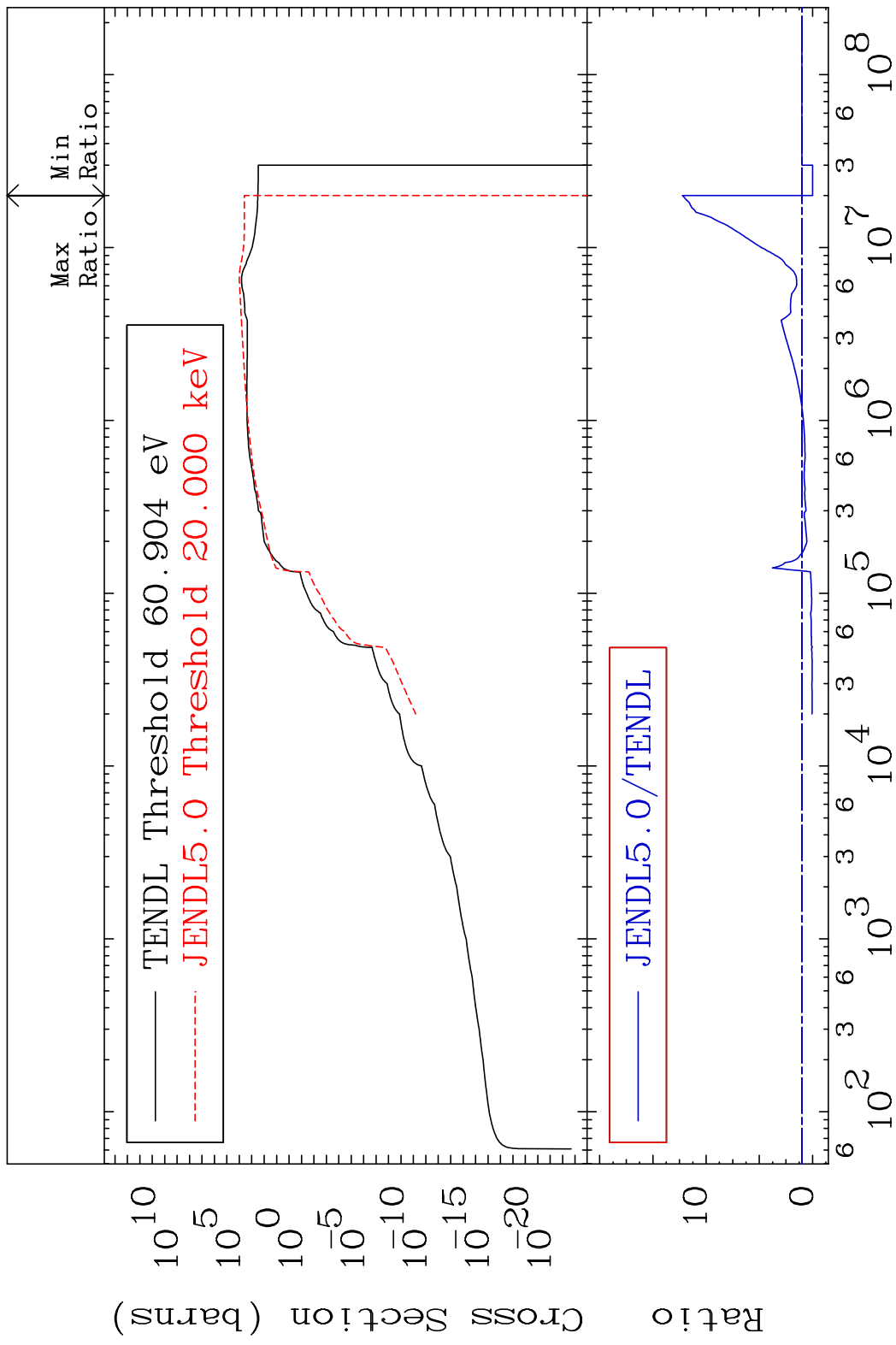


60

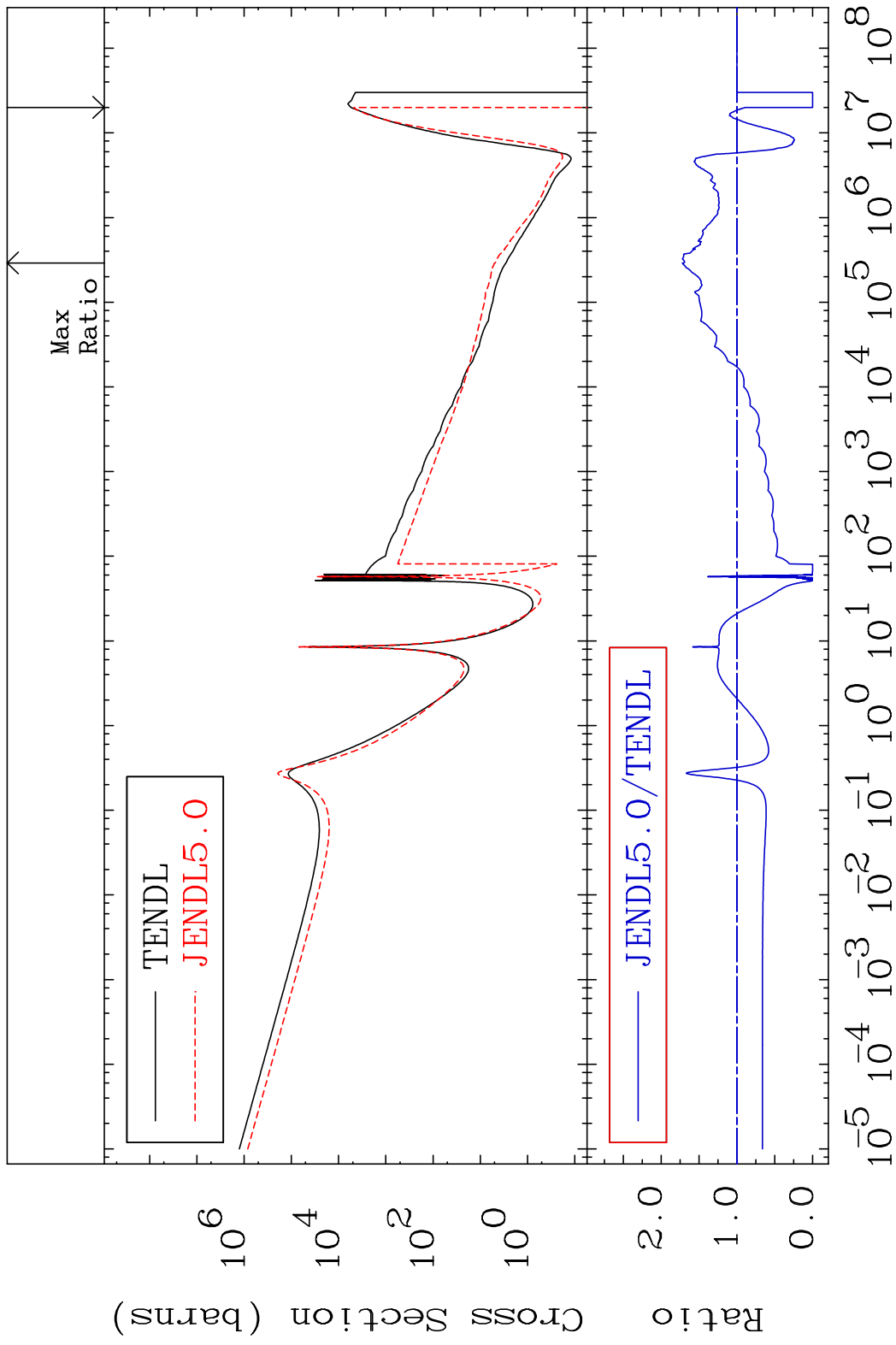
Incident Energy (eV)

67-Ho-166m

MAT 6729 Dpa inelastic (mt51-91) 67-Ho-166m
 Cross Section -100.0 To 1123. %

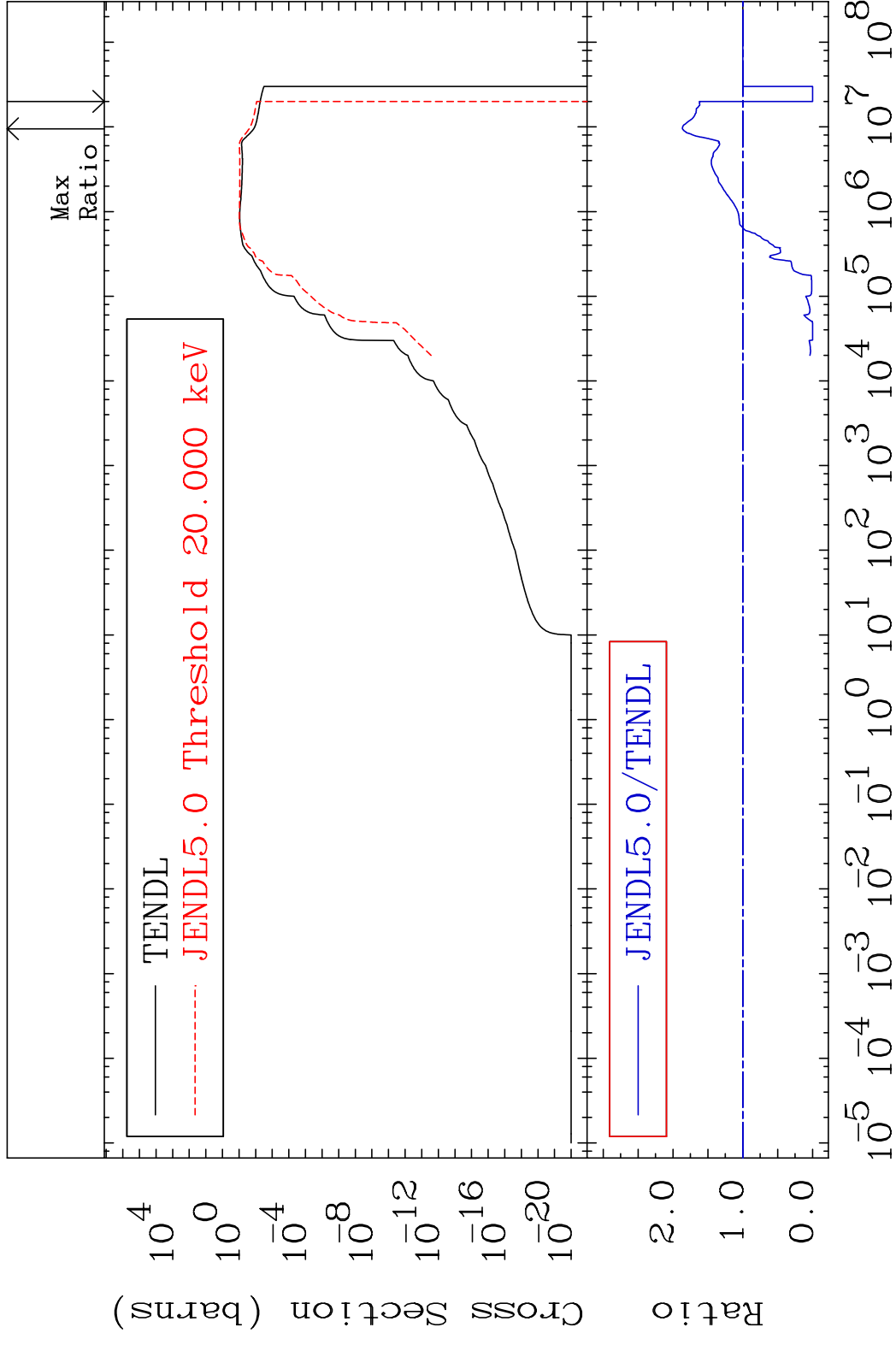


MAT 6729 Dpa disappearance (mt102 -120) 67-Ho-166m
 Cross Section -100.0 To 72.09 %



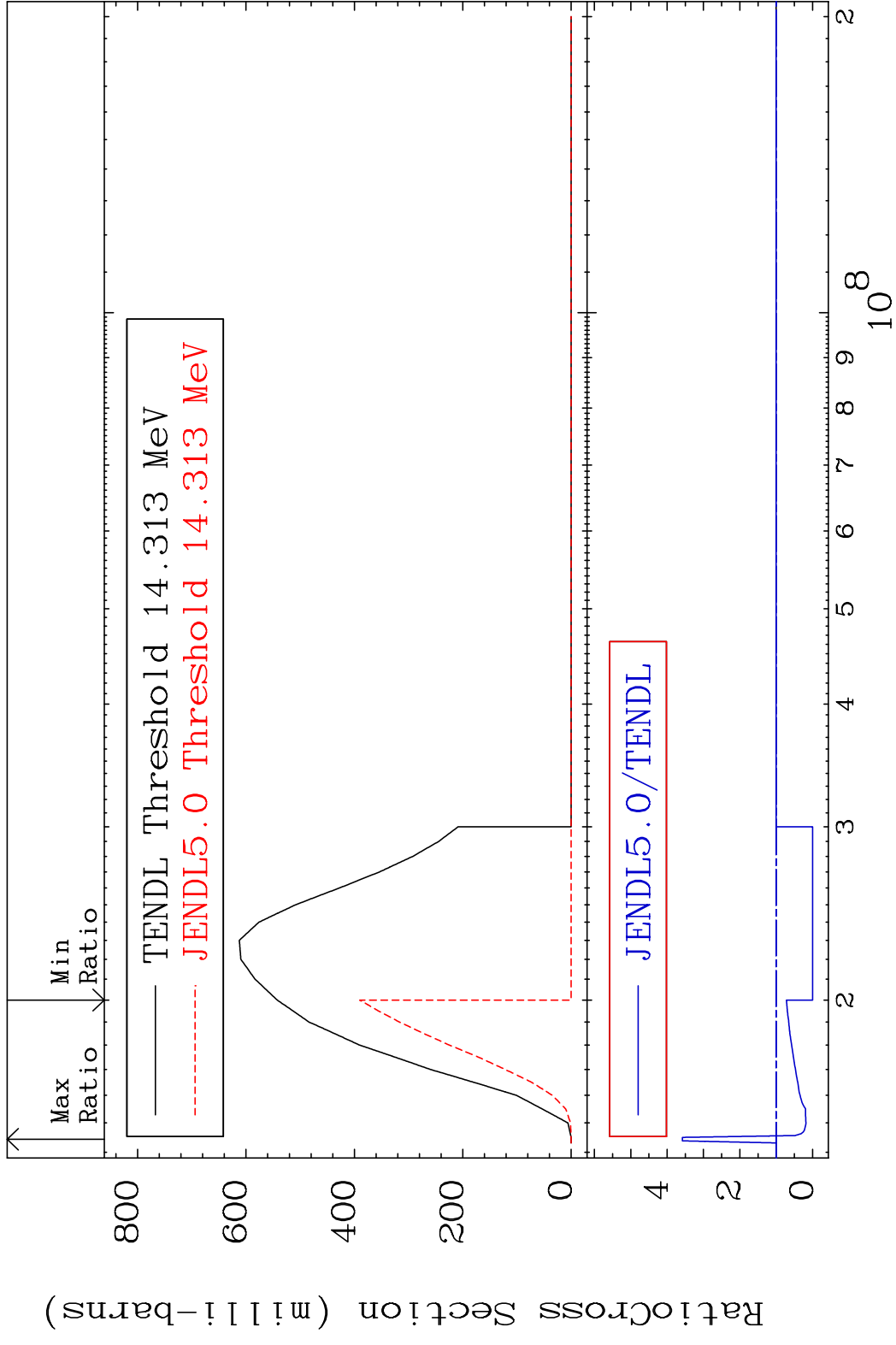
62 Incident Energy (eV) 67-Ho-166m

MAT 6729 Inelastic:67-Ho-166g 67-Ho-166m
 Radionuclide Production Cross Section 186.01 dth 86.53 %

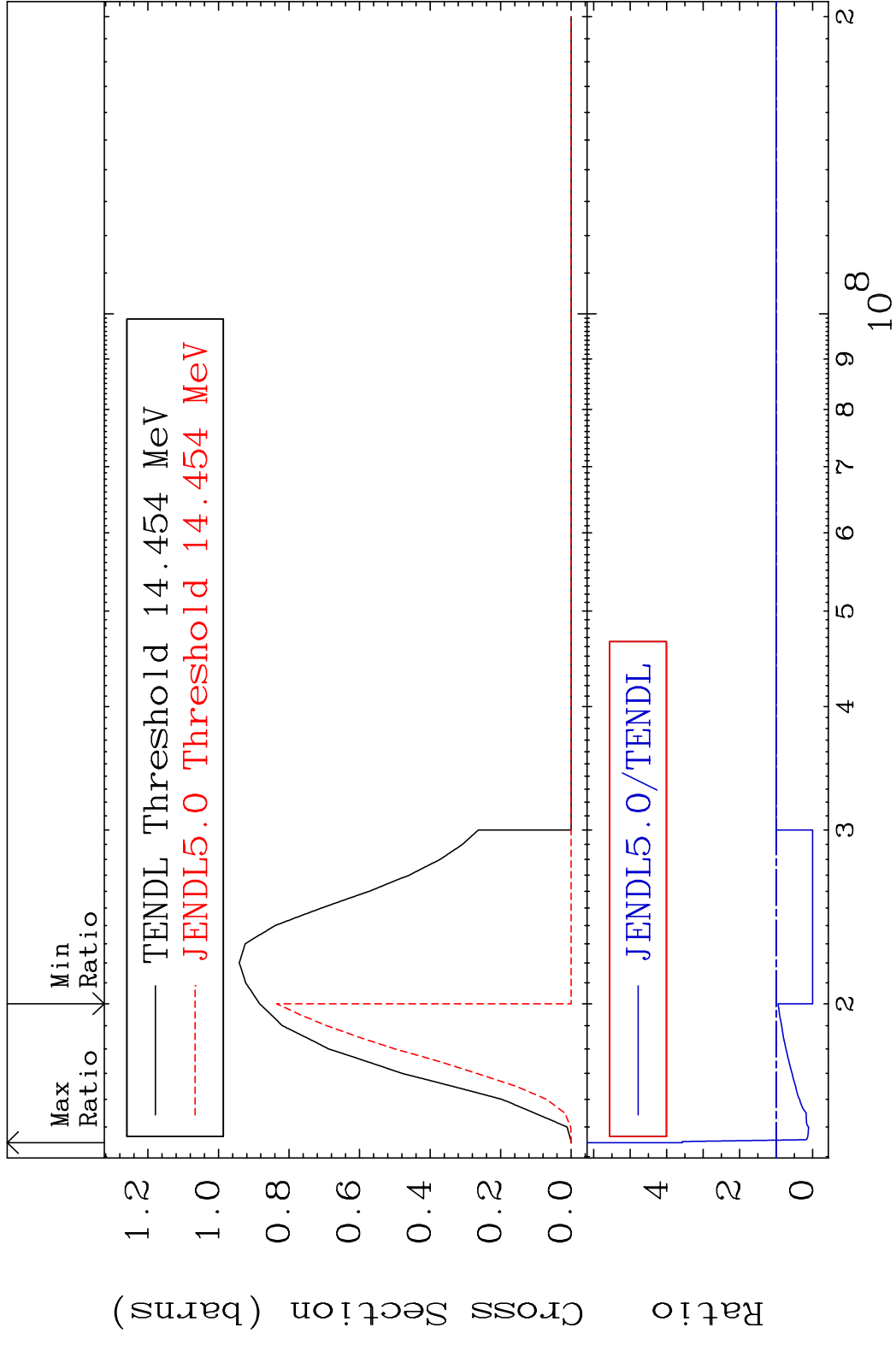


63 Incident Energy (eV) 67-Ho-166m

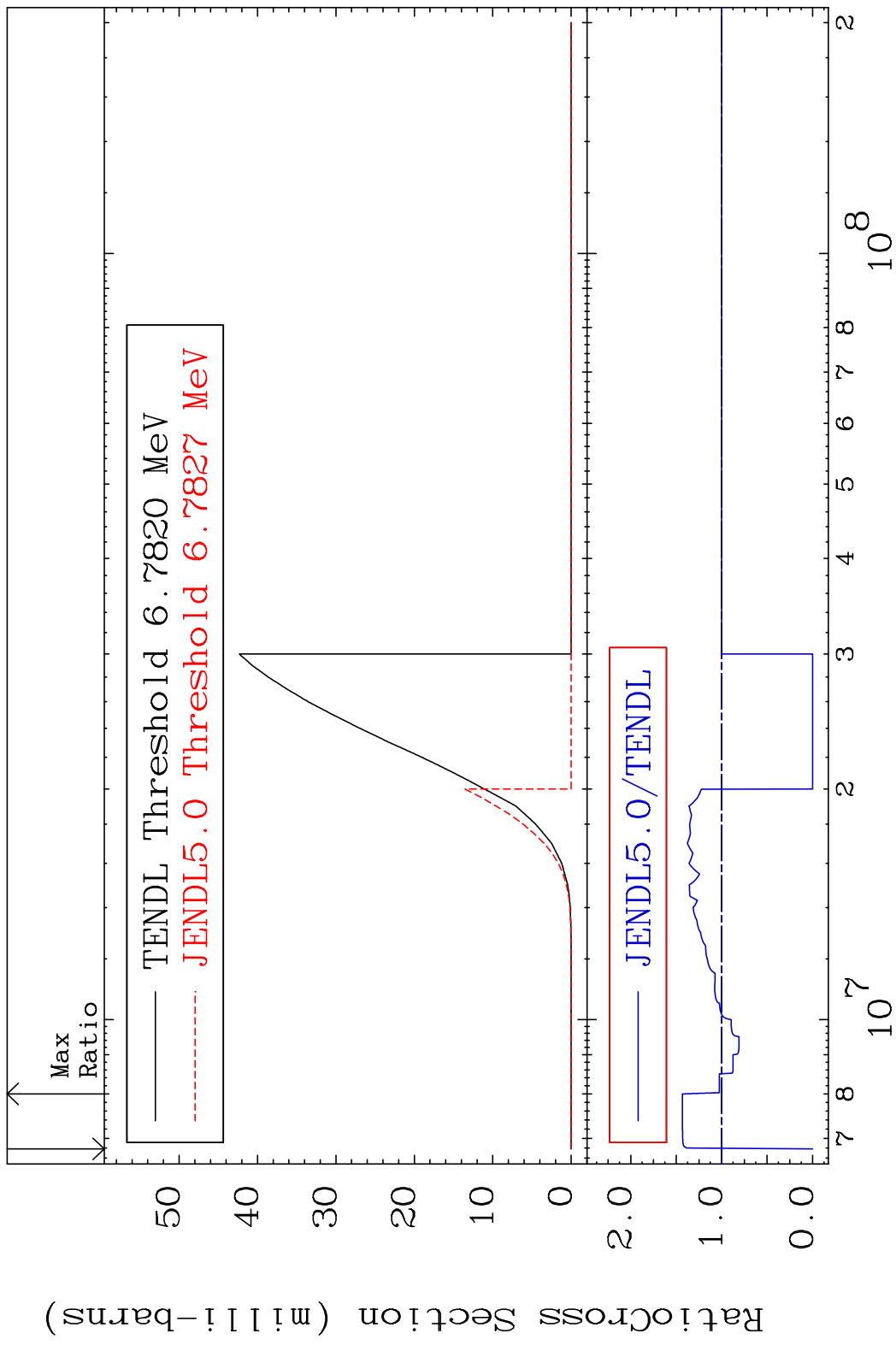
MAT 6729 (n,3n):67-Ho-164g 67-Ho-166m
 Radionuclide Production Cross Section to 258.1 %



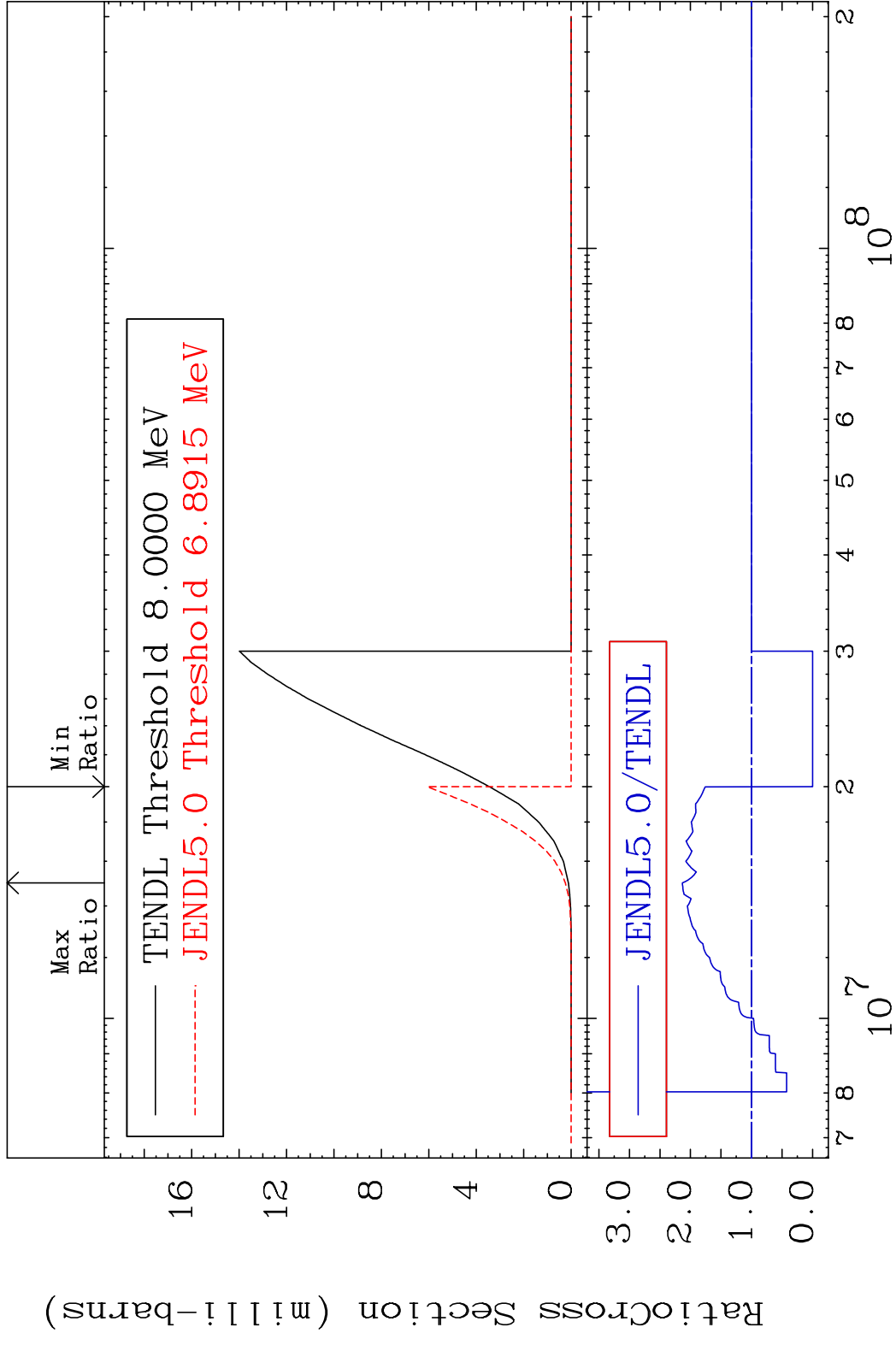
MAT 6729 (n, 3n):67-Ho-164m3 67-Ho-166m
 Radionuclide Production Cross Section 180.0 dth 257.0 %



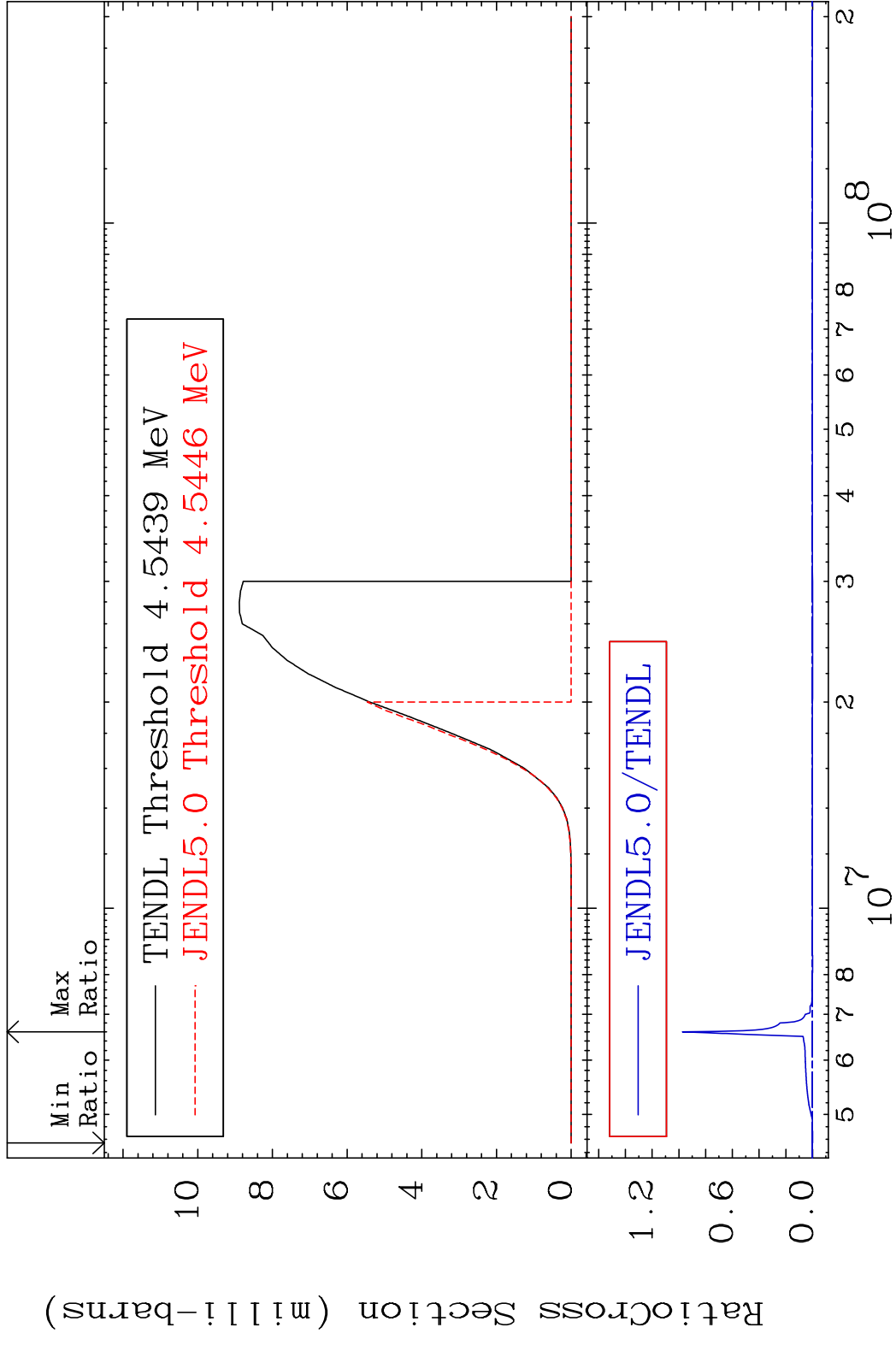
MAT 6729 (n, n') p:66-Dy-165g 67-Ho-166m
 Radionuclide Production Cross Section 180.01 dth 43.25 %



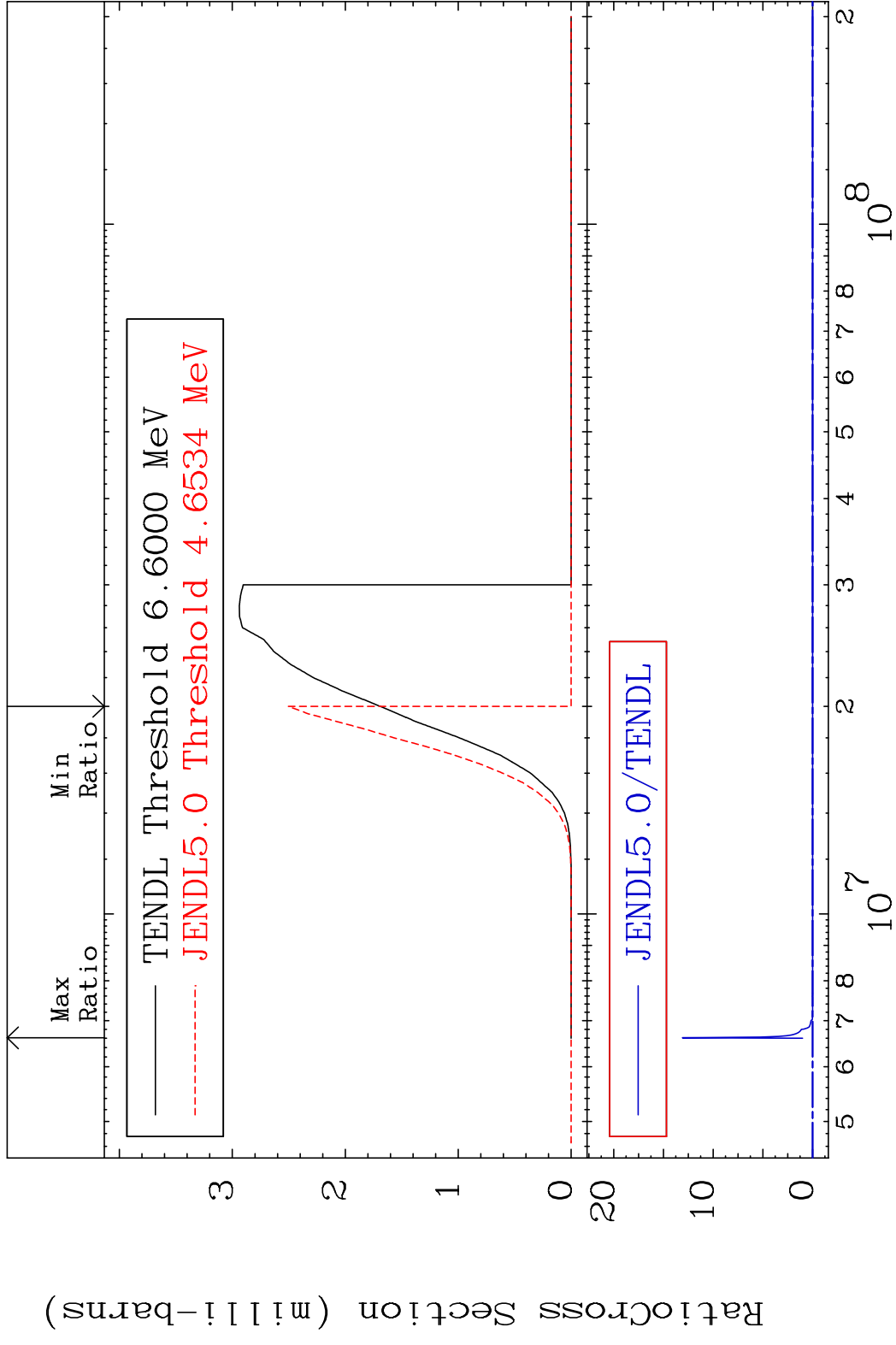
MAT 6729 (n, n') p:66-Dy-165m2 67-Ho-166m
 Radionuclide Production Cross Section 180.01 dtho 113.3 %



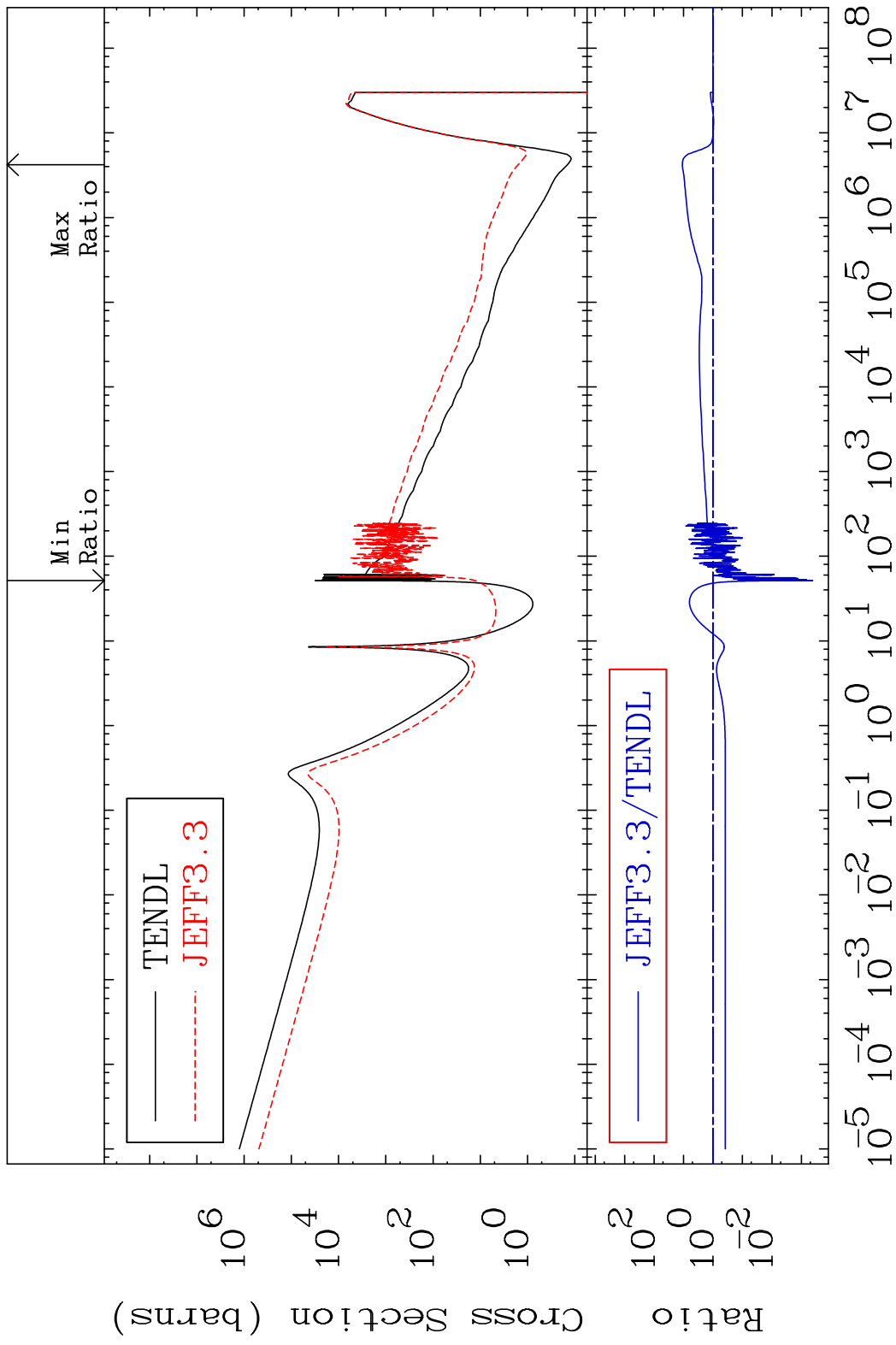
MAT 6729 (n, d):66-Dy-165g 67-Ho-166m
 Radionuclide Production Cross Section Ratio 9999. %



MAT 6729 (n, d):66-Dy-165m2 67-Ho-166m
 Radionuclide Production Cross Section to 9999. %

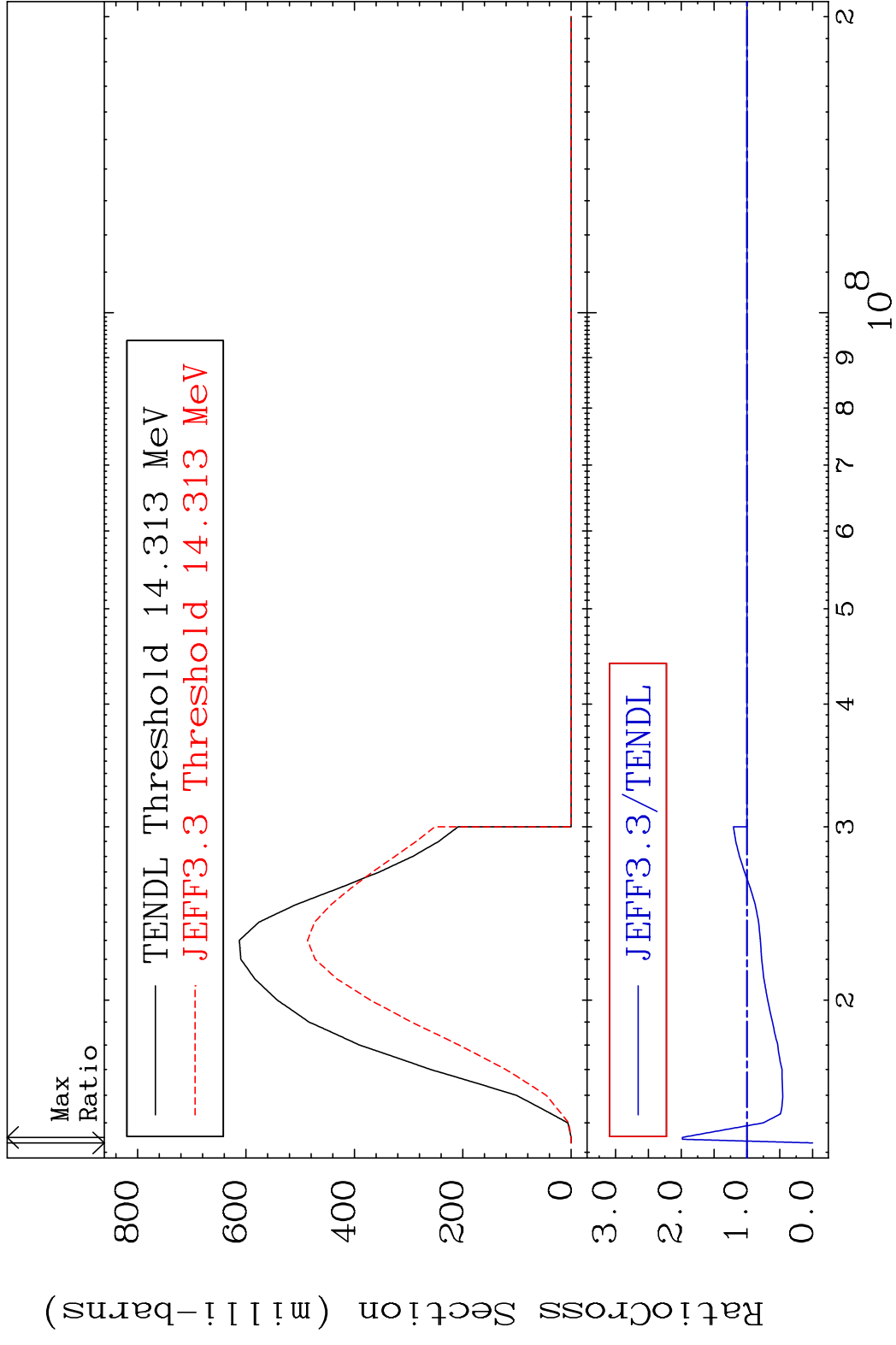


MAT 6729 Dpa disappearance (mt102 -120) 67-Ho-166m
 Cross Section -99.96 To 1000. %

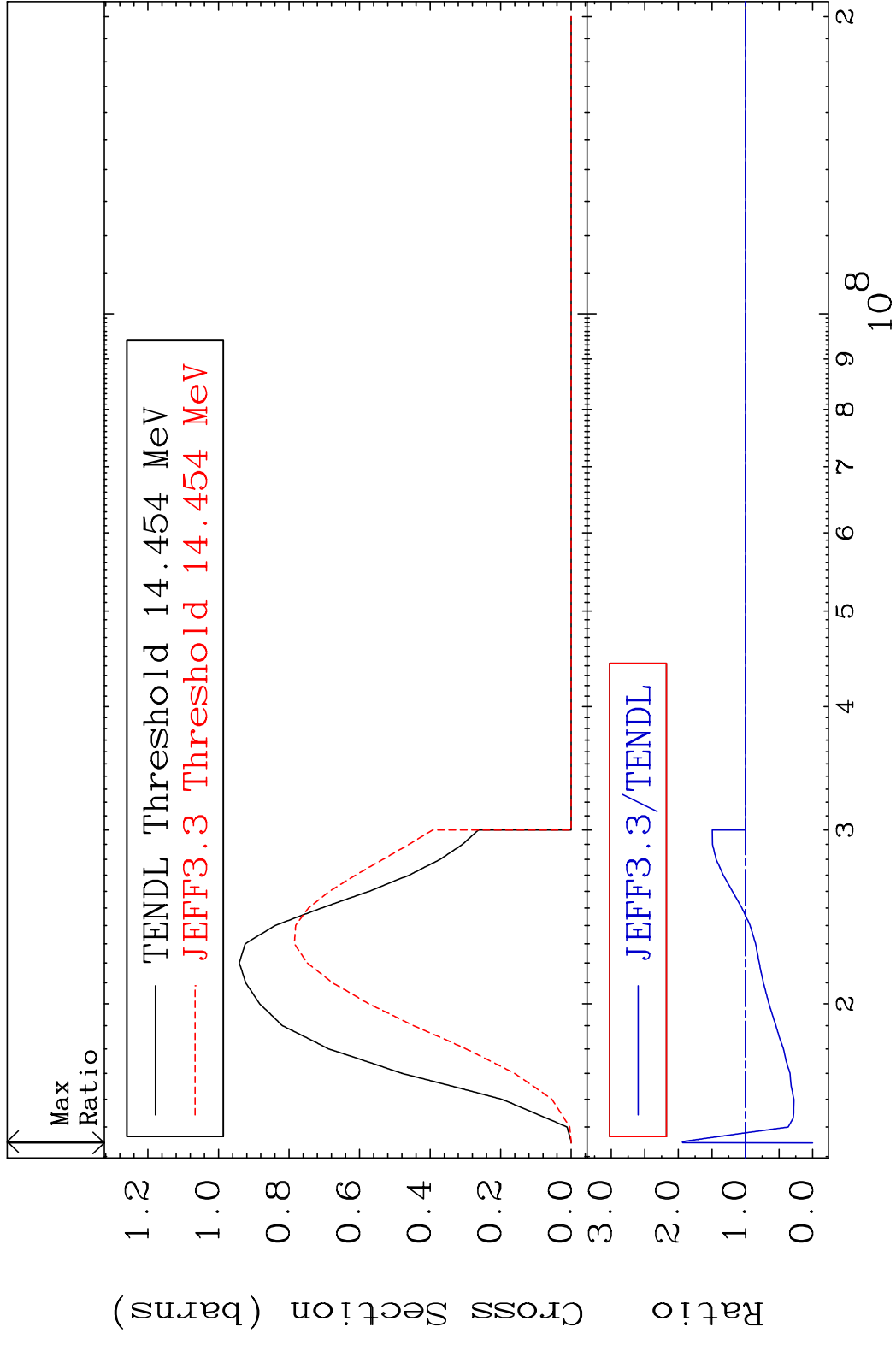


70 Incident Energy (eV) 67-Ho-166m

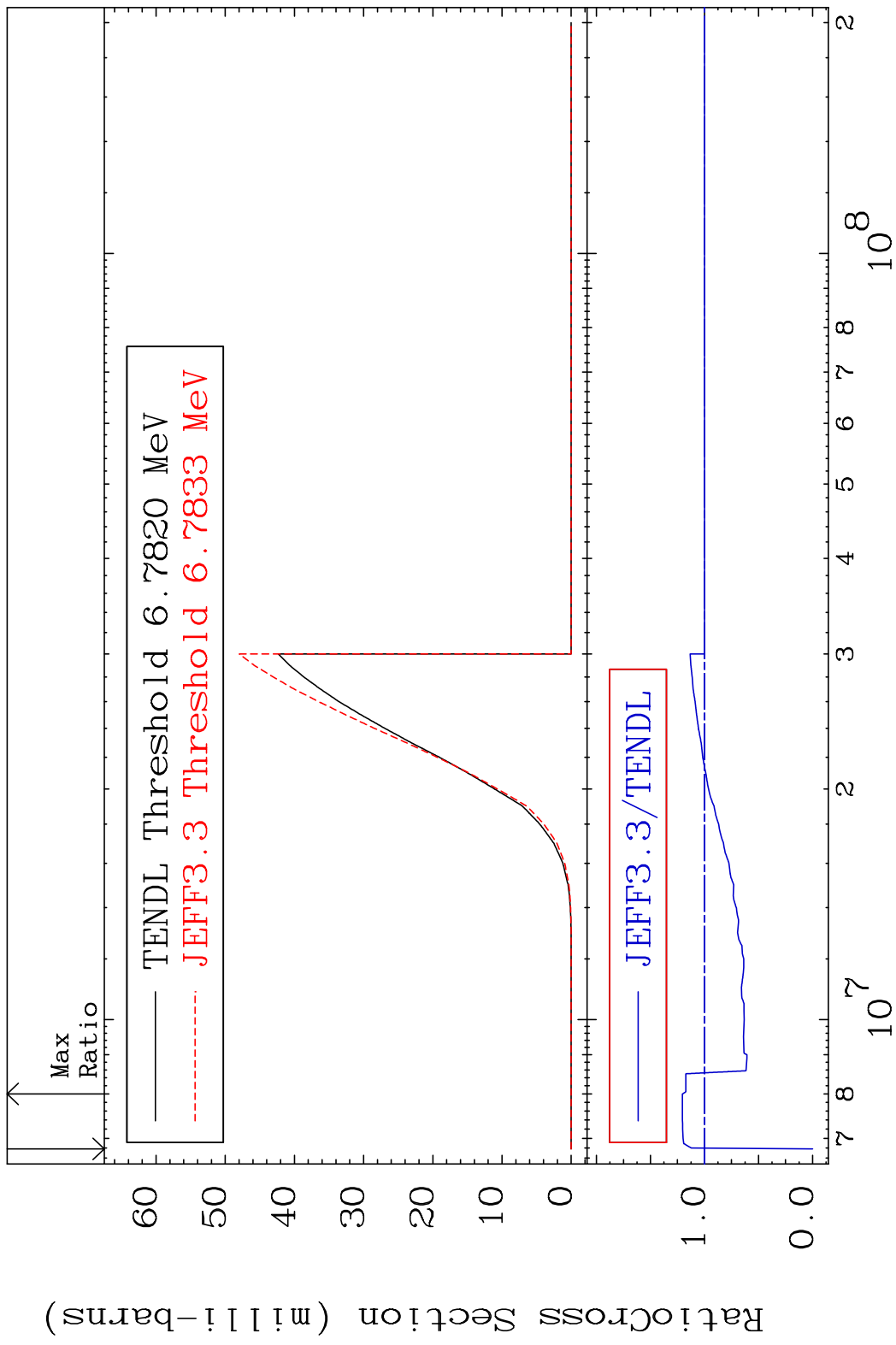
MAT 6729 (n,3n):67-Ho-164g 67-Ho-166m
 Radionuclide Production Cross Section 100.00 %
 98.29 %



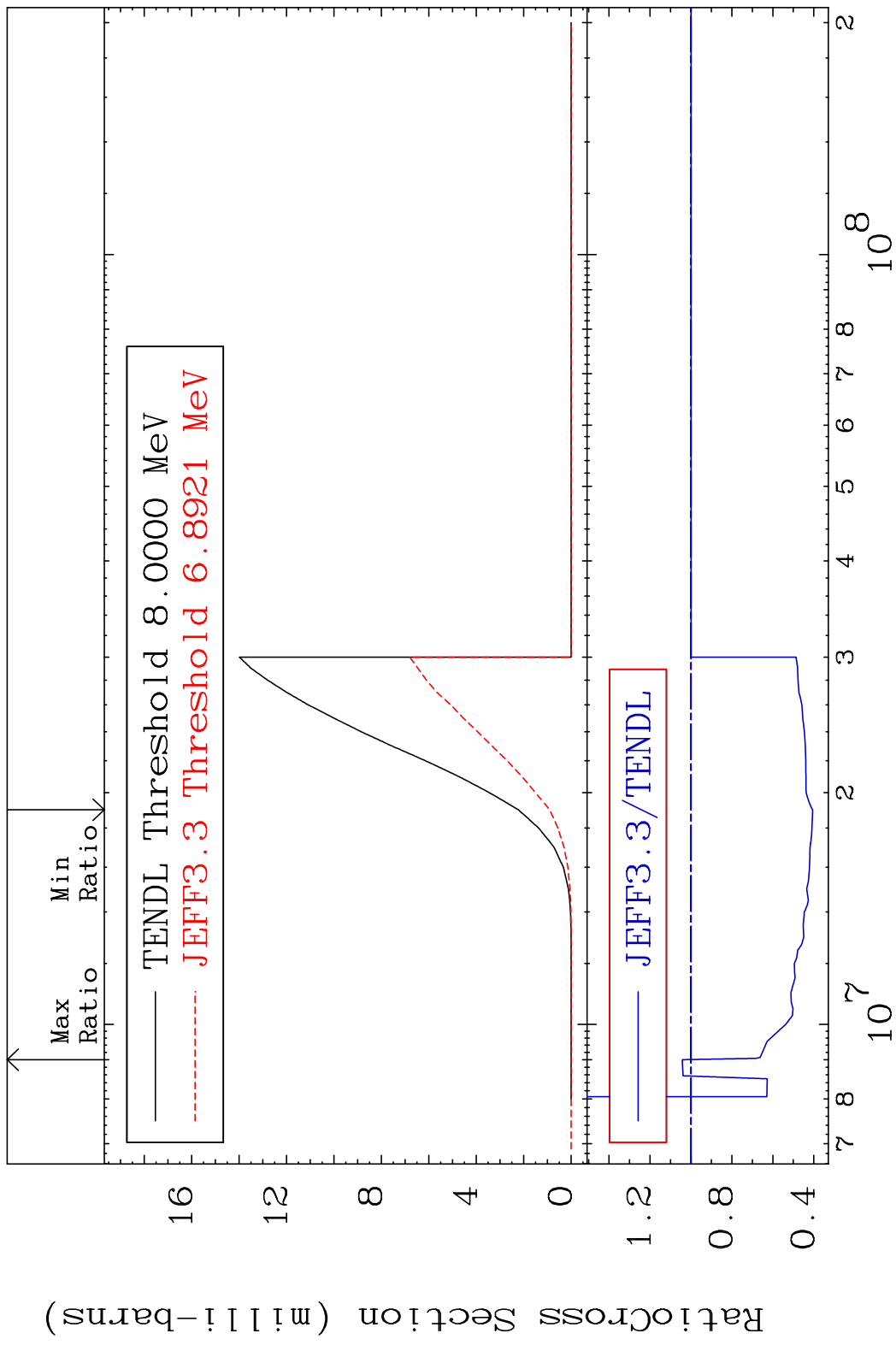
MAT 6729 (n, 3n):67-Ho-164m3 67-Ho-166m
 Radionuclide Production Cross Section to Ratio 94.08 %



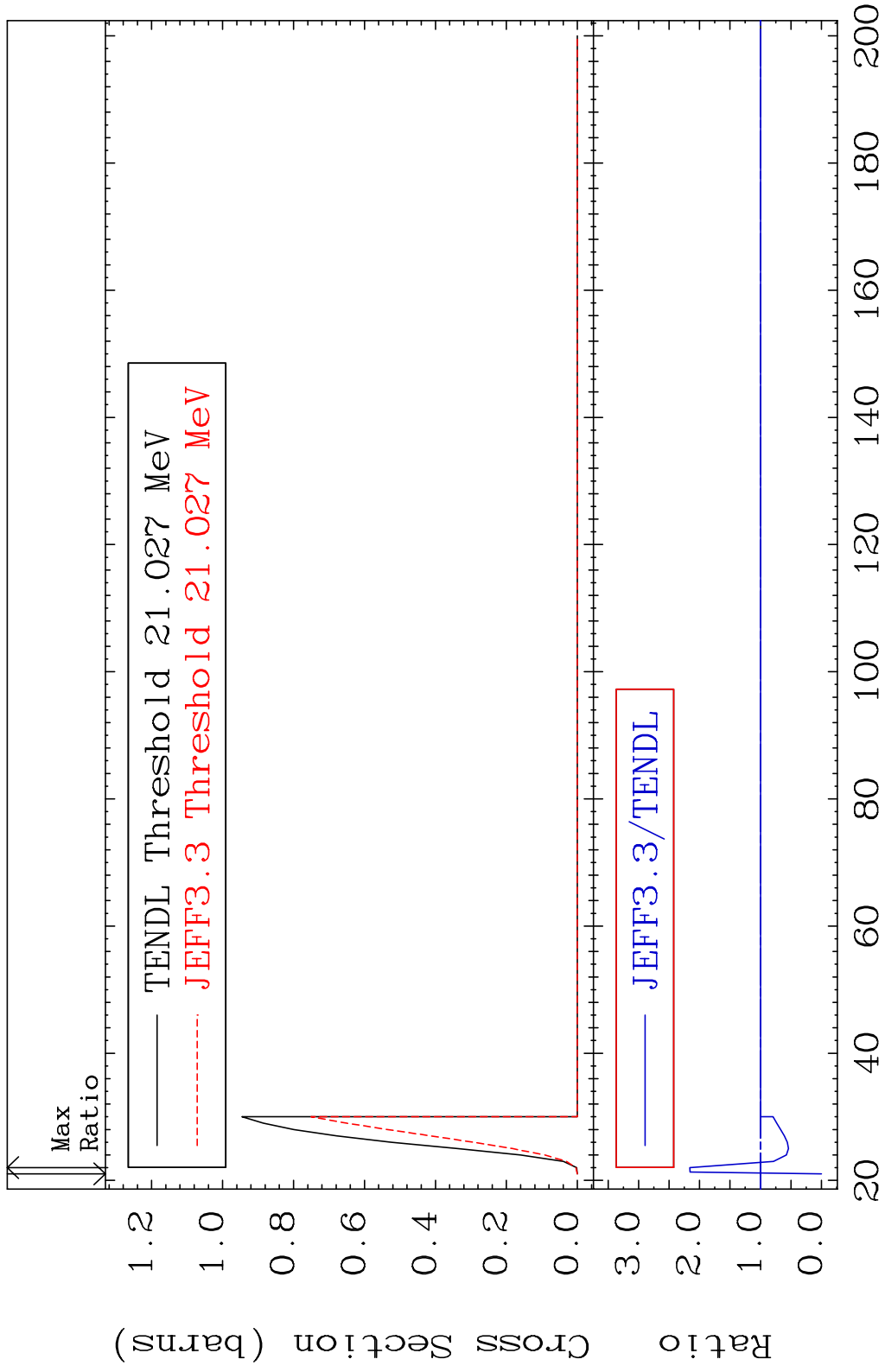
MAT 6729 (n, n') p:66-Dy-165g 67-Ho-166m
 Radionuclide Production Cross Section 180.01 dth 20.48 %



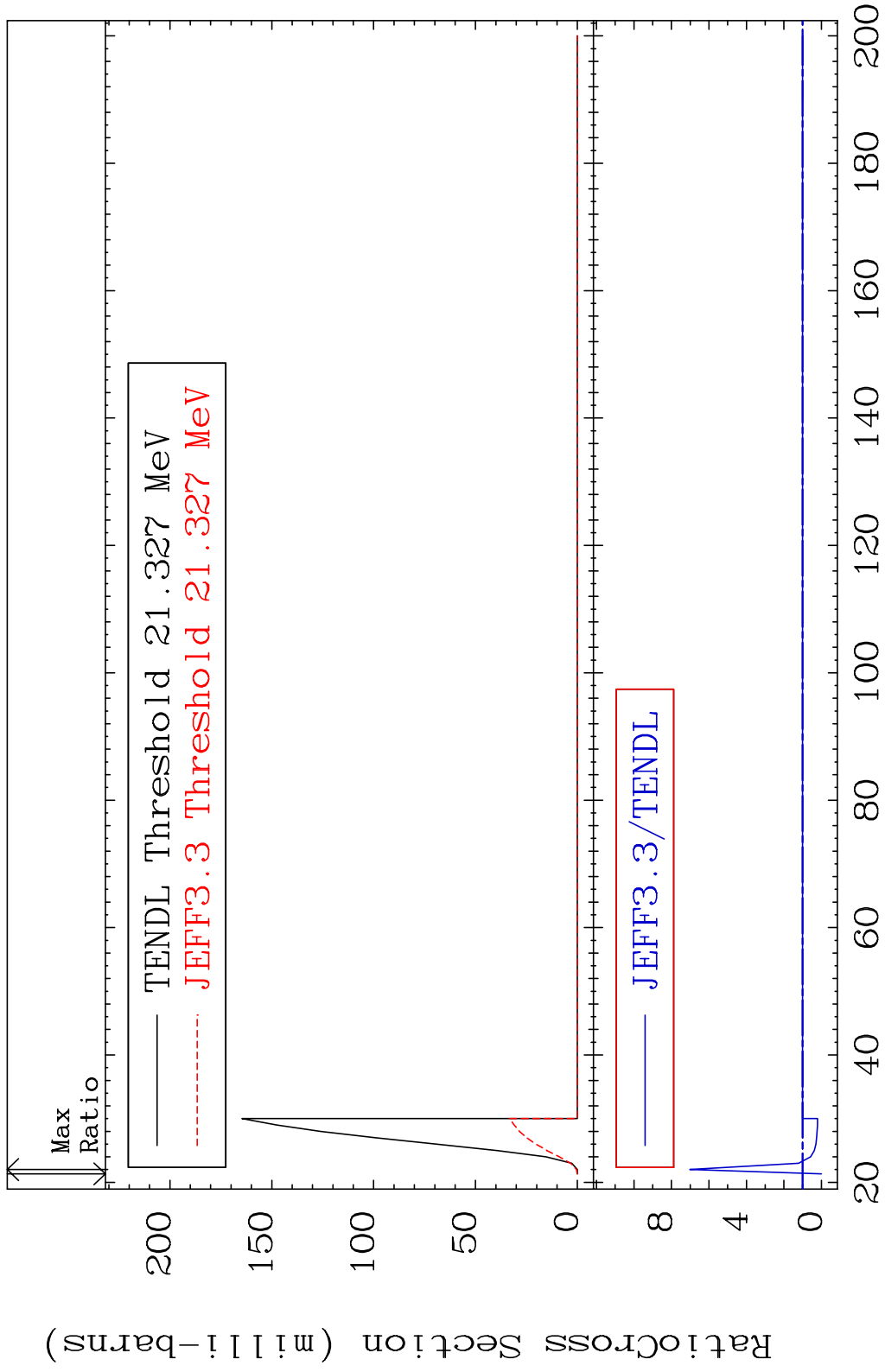
MAT 6729 (n, n') p:66-Dy-165m2 67-Ho-166m
 Radionuclide Production Cross Section 4.196 %



MAT 6729 (n,4n):67-Ho-163g 67-Ho-166m
 Radionuclide Production Cross Section 180.0 dth 116.0 %

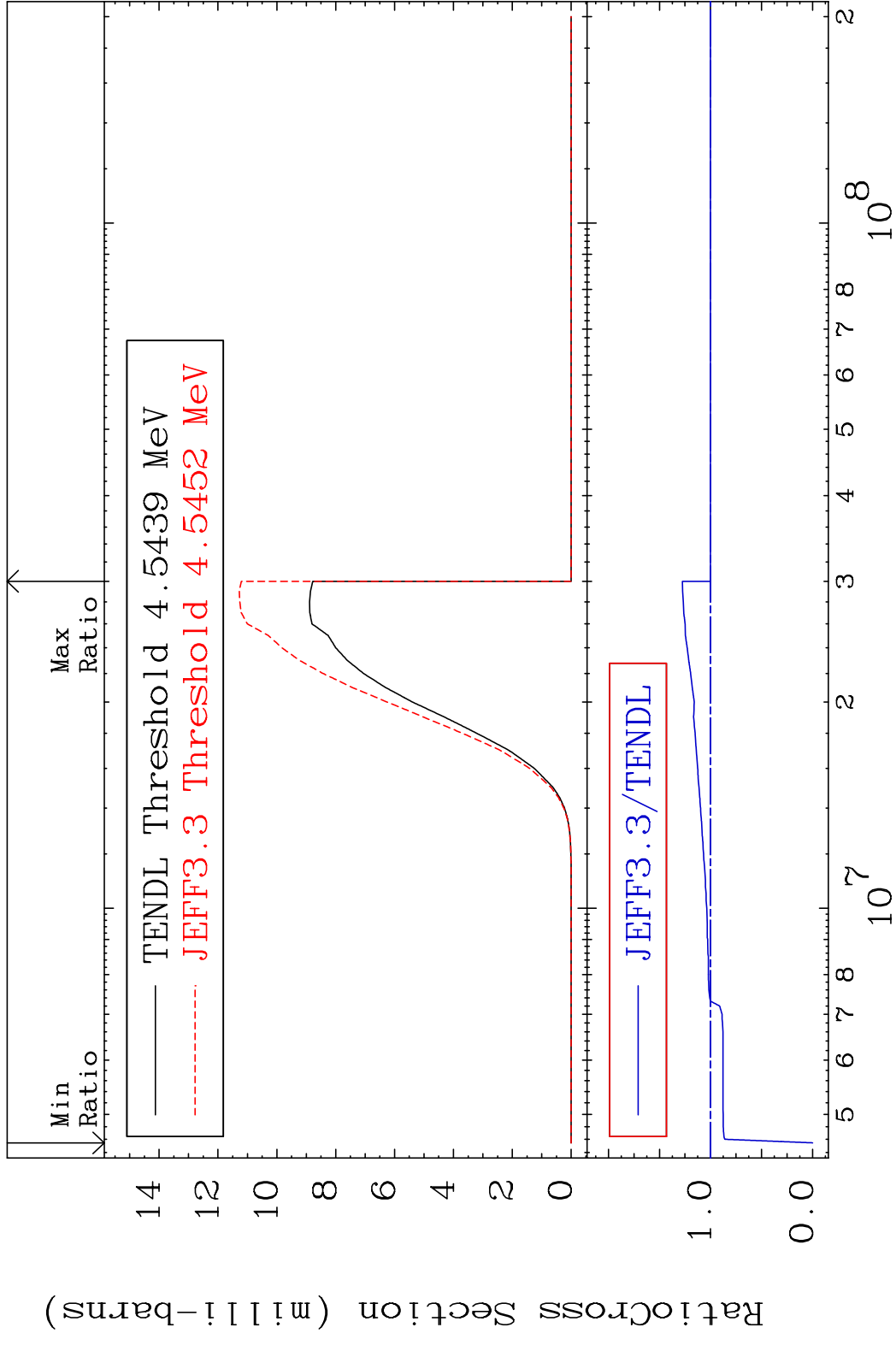


MAT 6729 (n, 4n):67-Ho-163m3 67-Ho-166m
 Radionuclide Production Cross Section 180.01 dth 602.2 %

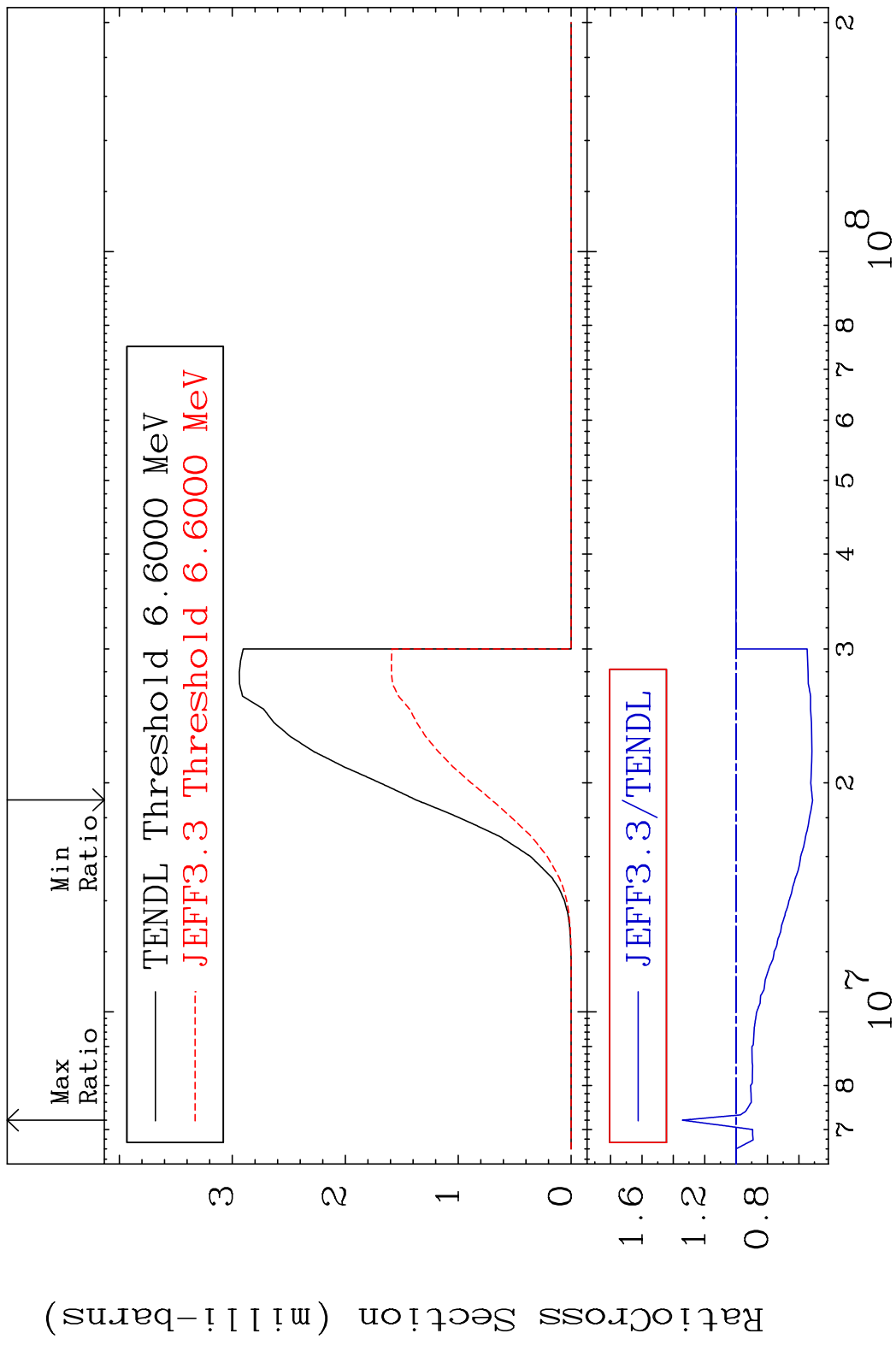


76 Incident Energy (MeV) 67-Ho-166m

MAT 6729 (n, d):66-Dy-165g 67-Ho-166m
 Radionuclide Production Cross Section 180.01 dth 27.60 %



MAT 6729 (n, d): 66-Dy-165m2 67-Ho-166m
 Radionuclide Production Cross Section 48.75 dth 34.25 %



78 Incident Energy (eV) 67-Ho-166m