

Program Complot
(Version 2021-1)

by

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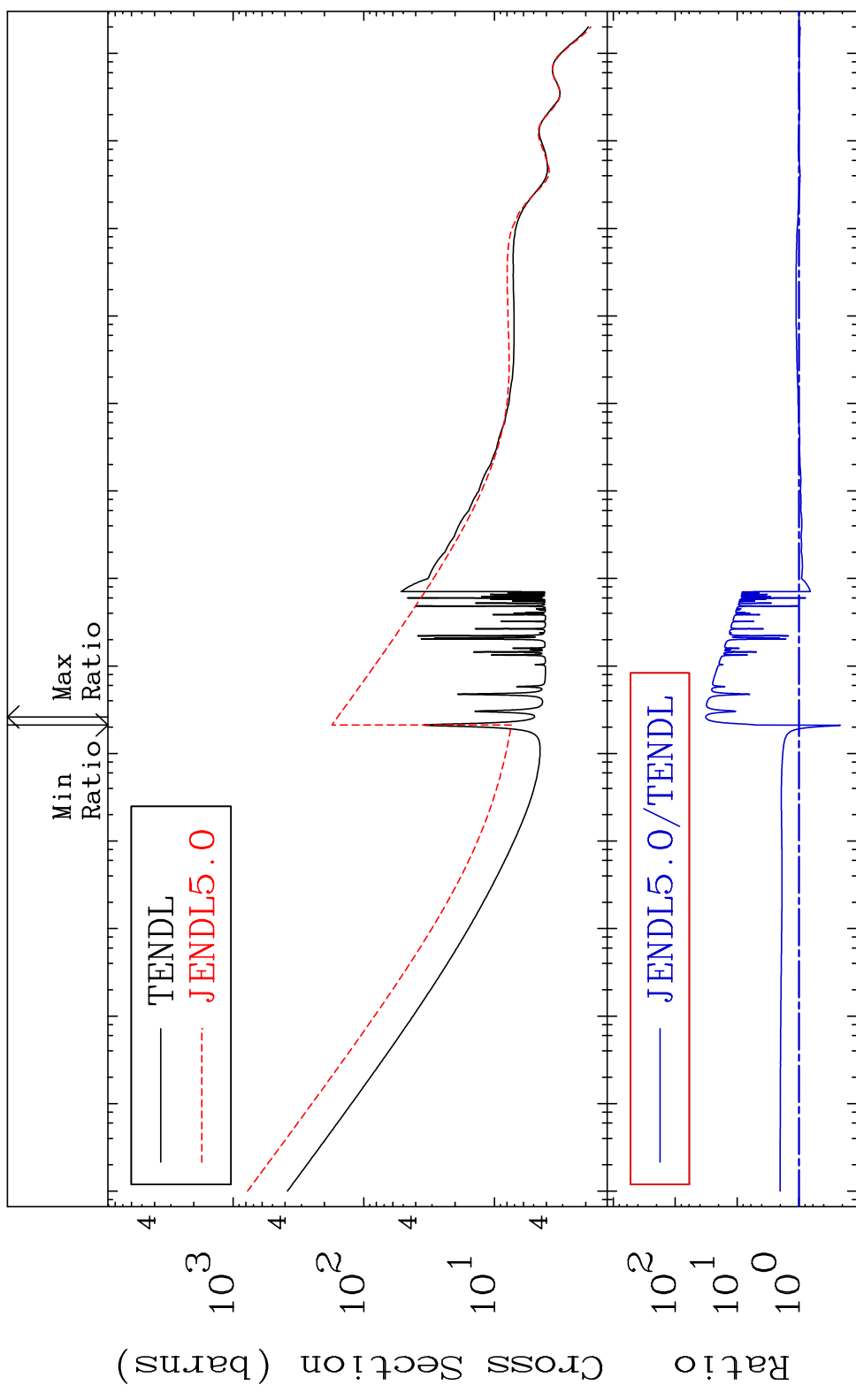
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4929

Total
Cross Section -78.55 To 3111. %

49-In-114m

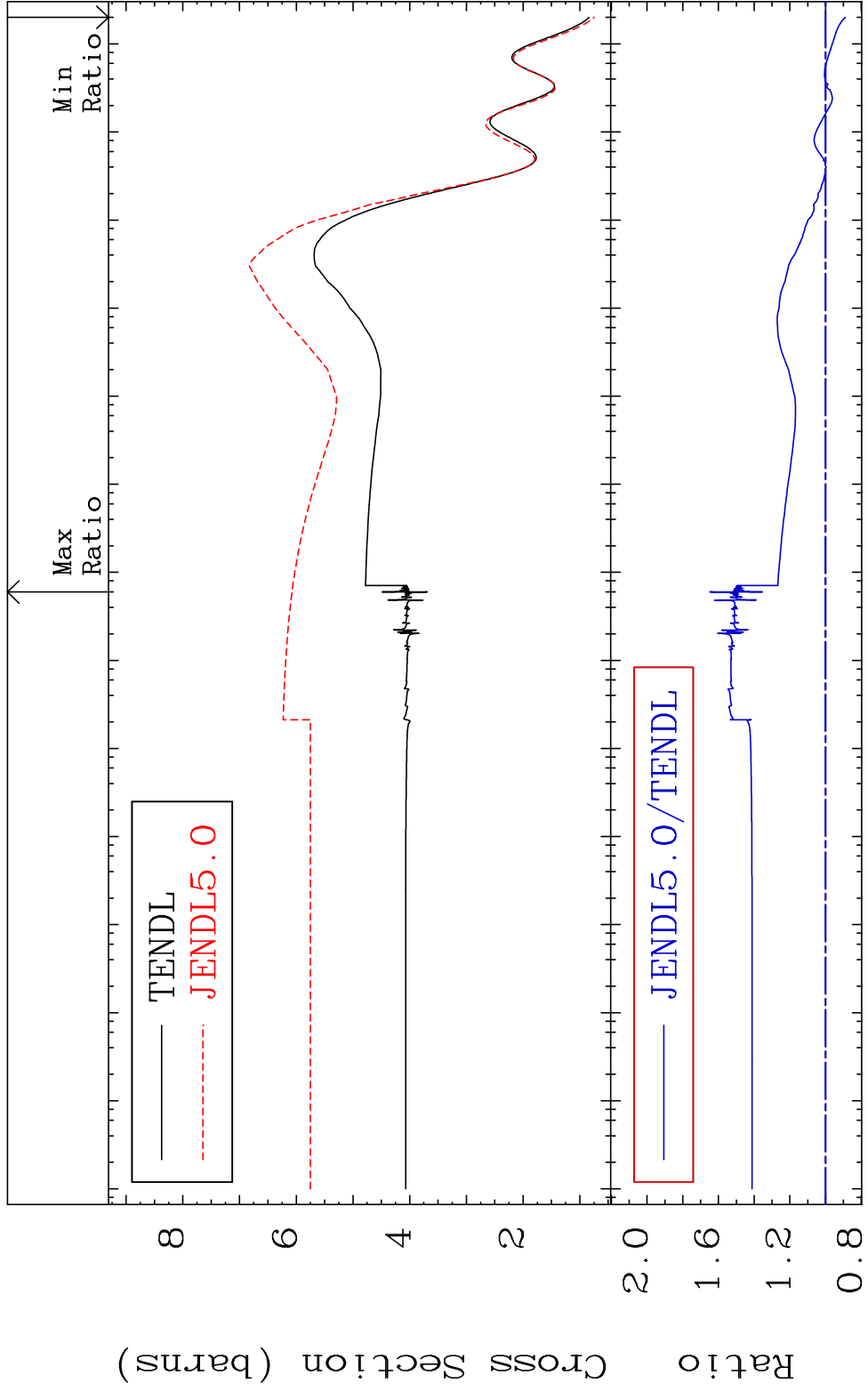


1 Incident Energy (eV) 49-In-114m

MAT 4929

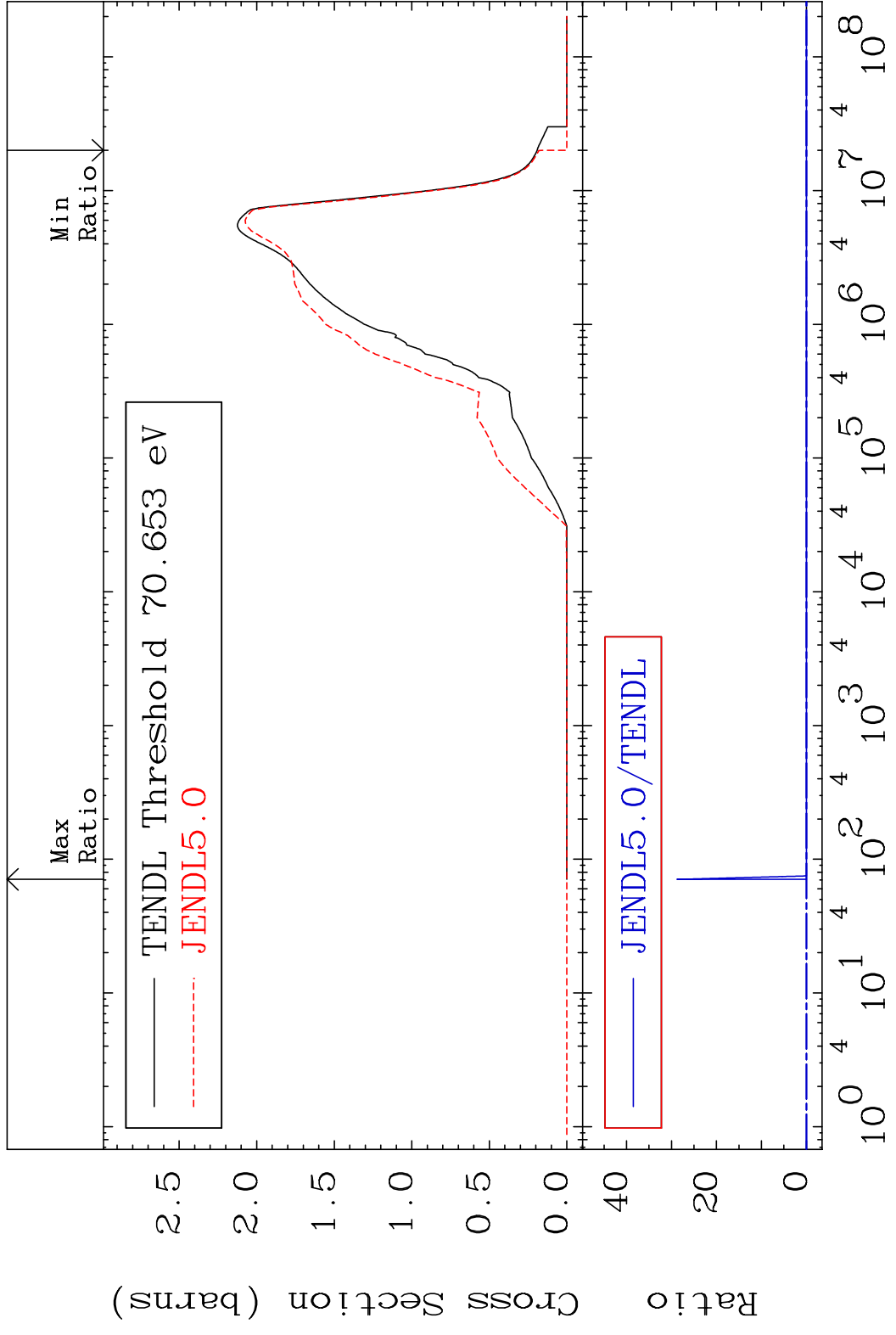
Elastic
Cross Section -11.01 To 64.85 %

49-In-114m



2 Incident Energy (eV) 49-In-114m

MAT 4929 Inelastic Cross Section -100.0 To 9999. % 49-In-114m



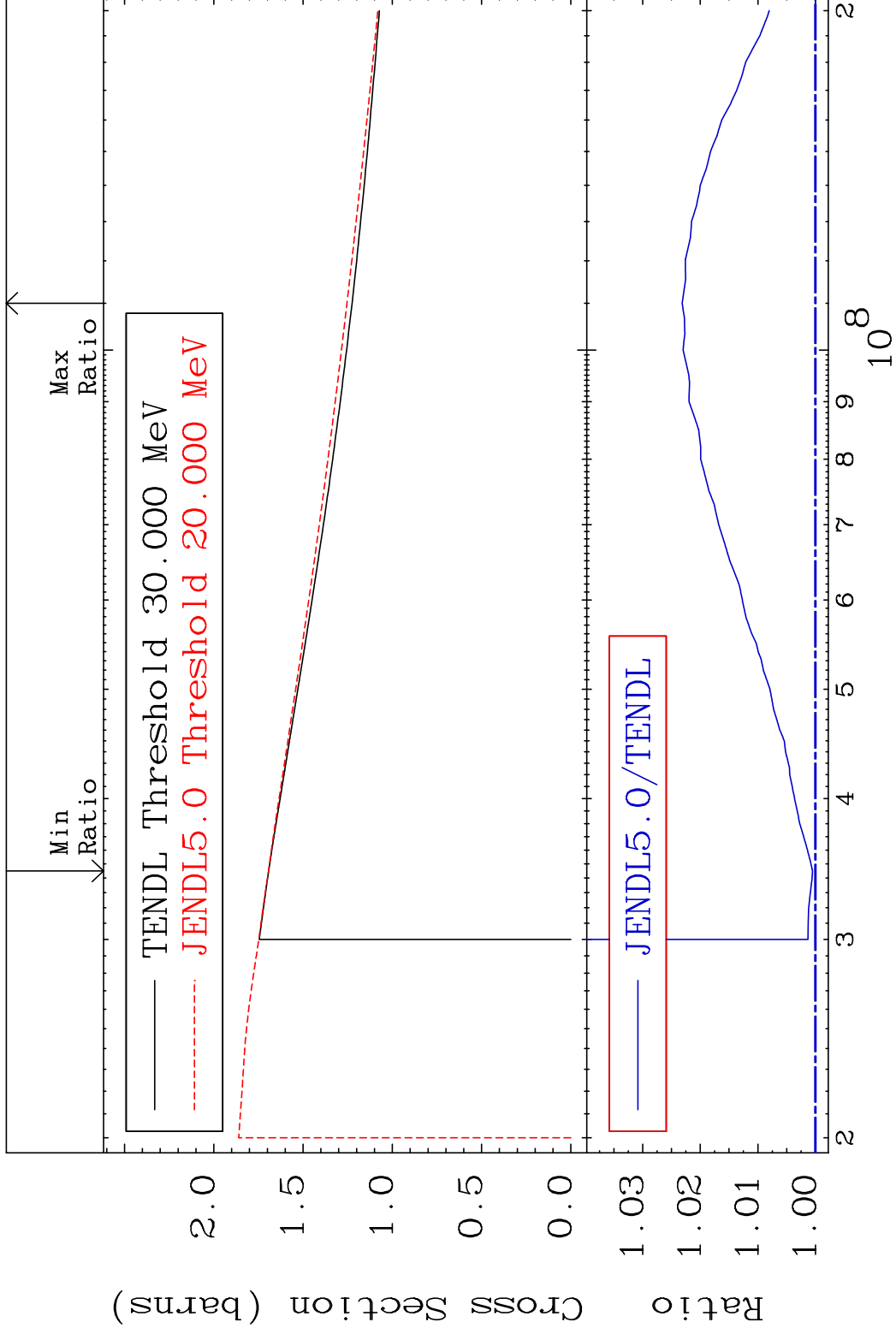
3 Incident Energy (eV) 49-In-114m

MAT 4929

(n, remainder)

49-In-114m

Cross Section 0.051 To 2.315 %



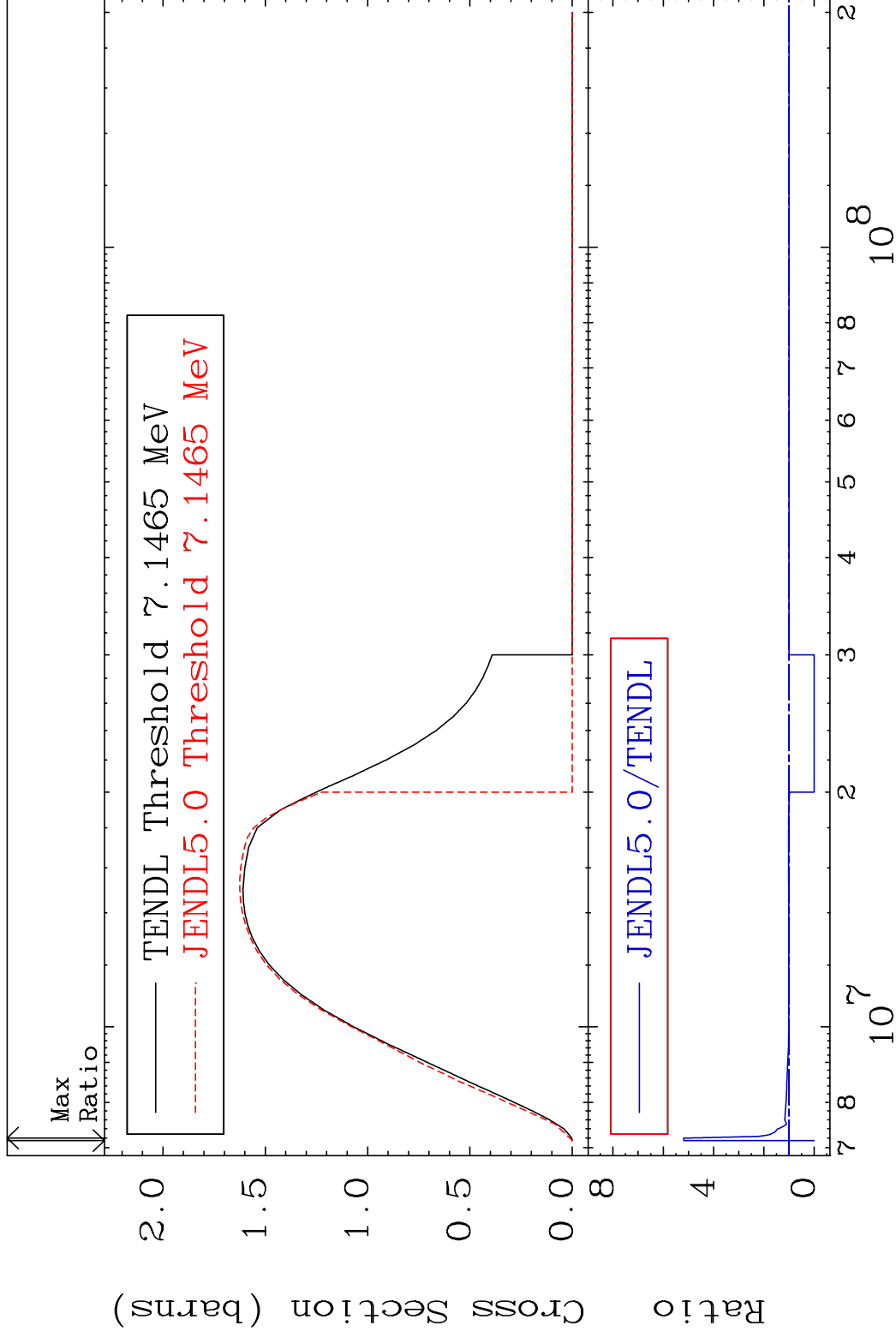
4 Incident Energy (eV) 49-In-114m

MAT 4929

(n,2n)

49-In-114m

Cross Section -100.0 To 418.8 %



49-In-114m

Incident Energy (eV)

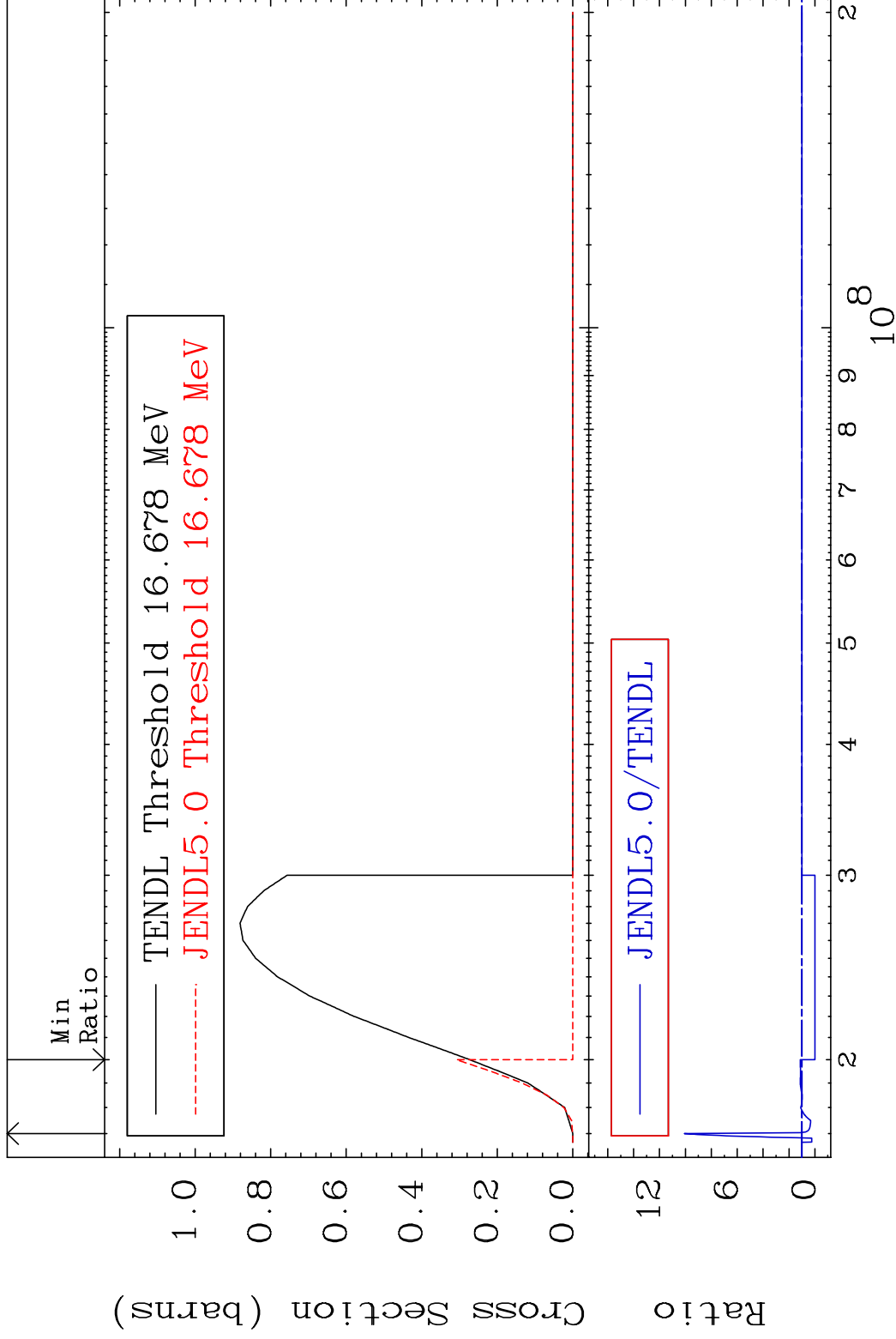
5

MAT 4929

(n,3n)

49-In-114m

Cross Section -100.0 To 908.5 %

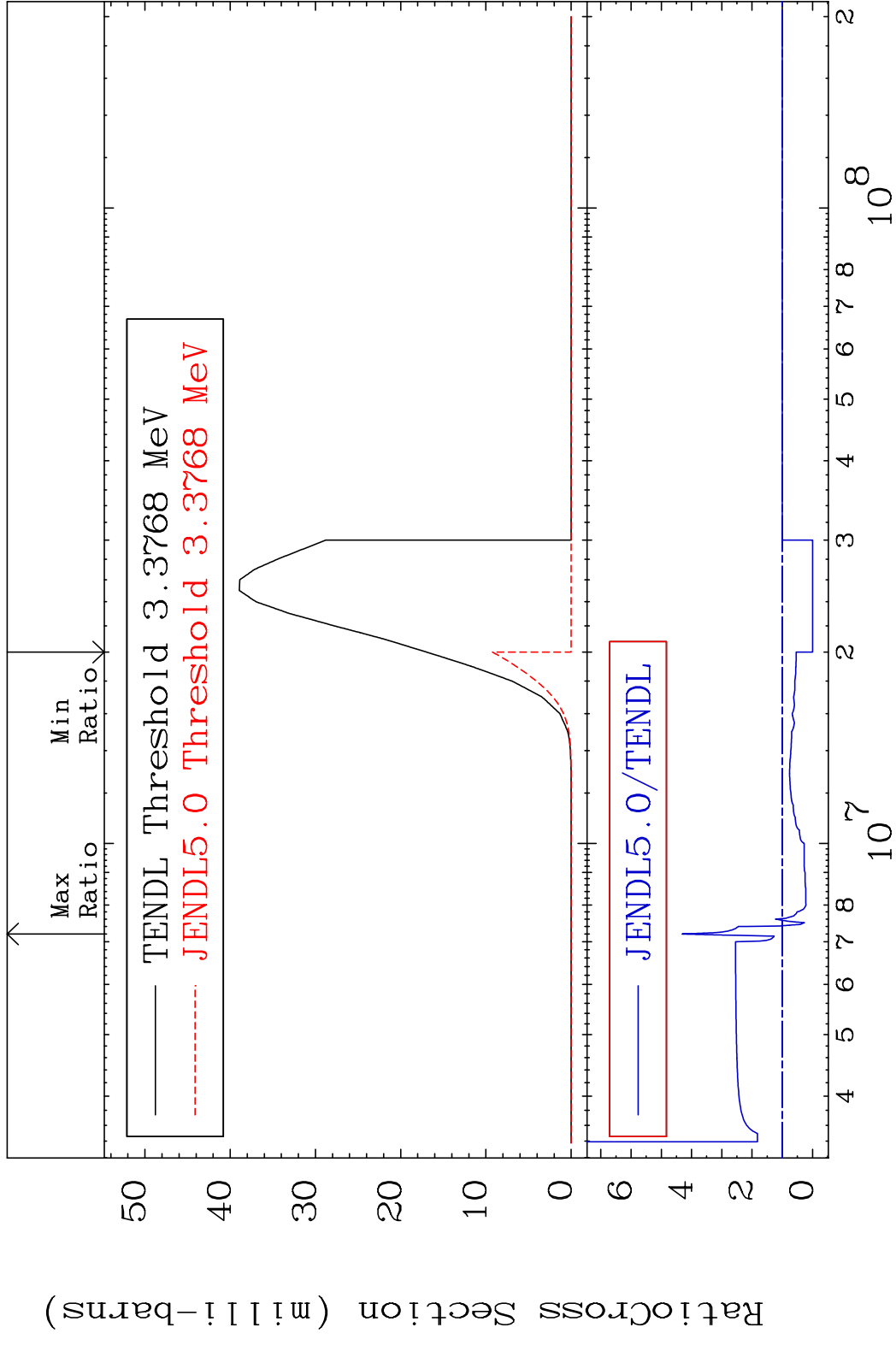


6

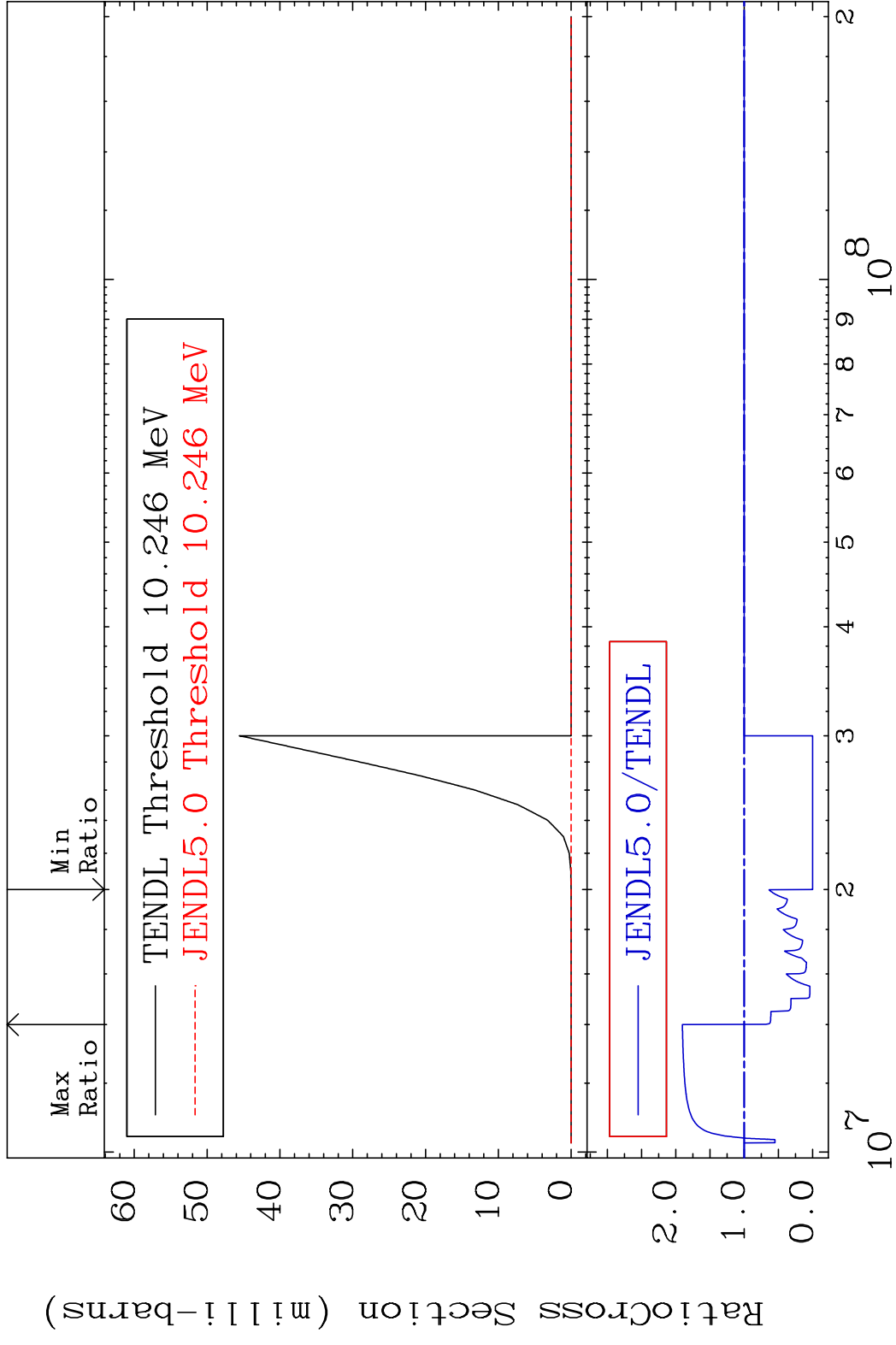
Incident Energy (eV)

49-In-114m

MAT 4929 (n, n') α 49-In-114m
 Cross Section -100.0 To 330.4 %



MAT 4929 (n,2n) α 49-In-114m
 Cross Section -100.0 To 90.29 %

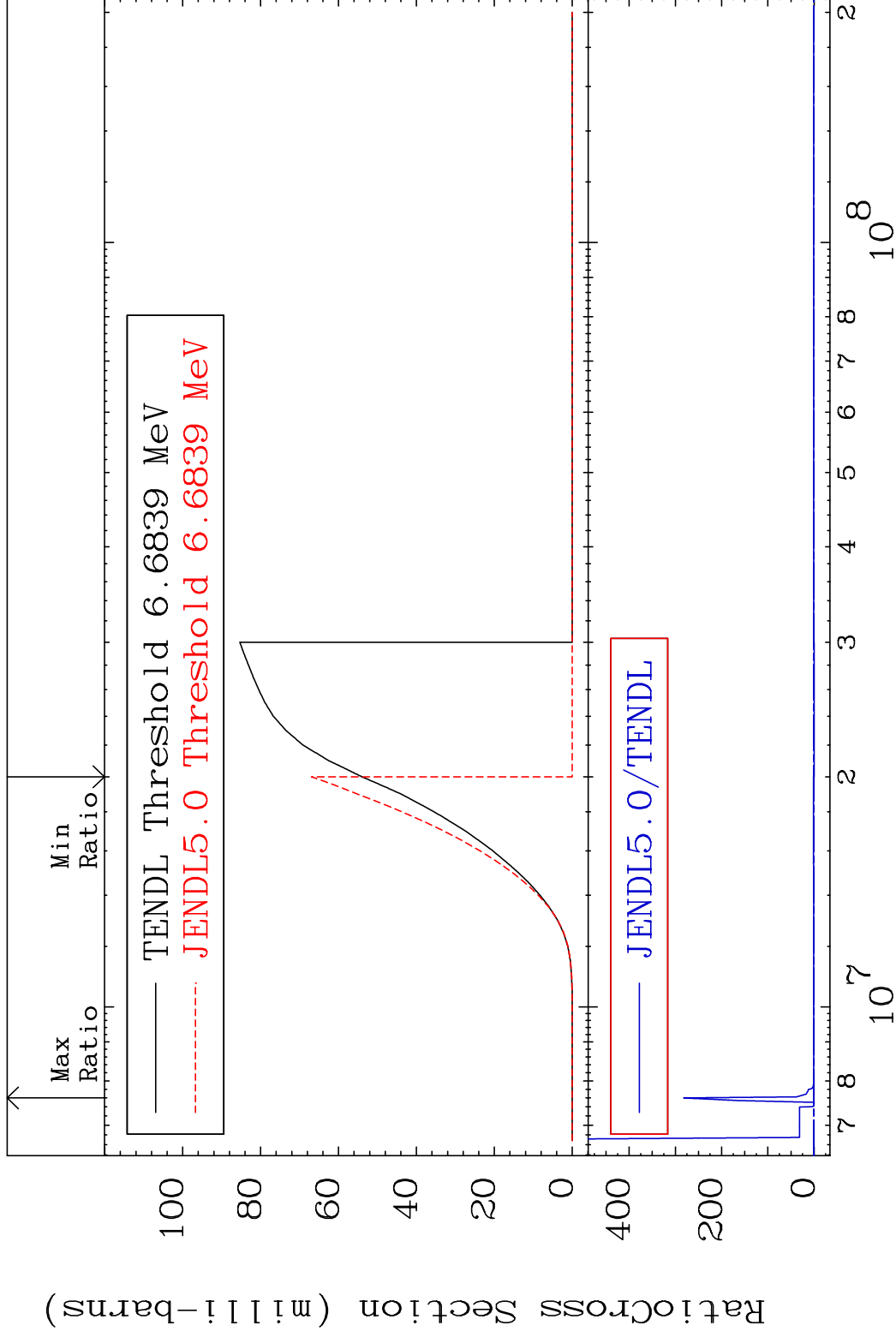


8 8 Incident Energy (eV) 49-In-114m

MAT 4929

(n, n') p 49-In-114m

Cross Section -100.0 To 9999. %



9

Incident Energy (eV)

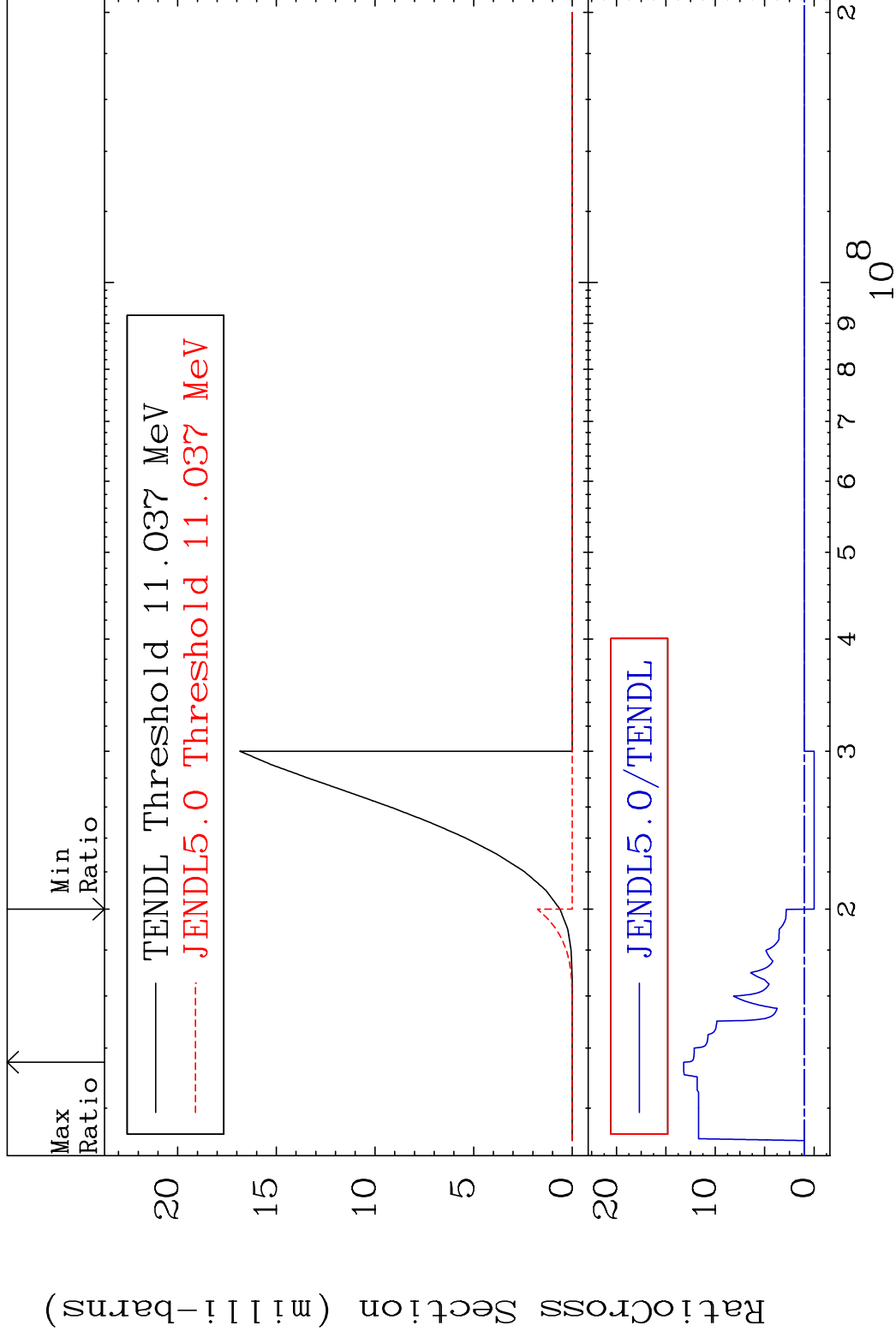
49-In-114m

MAT 4929

(n, n') d

49-In-114m

Cross Section -100.0 To 1220. %

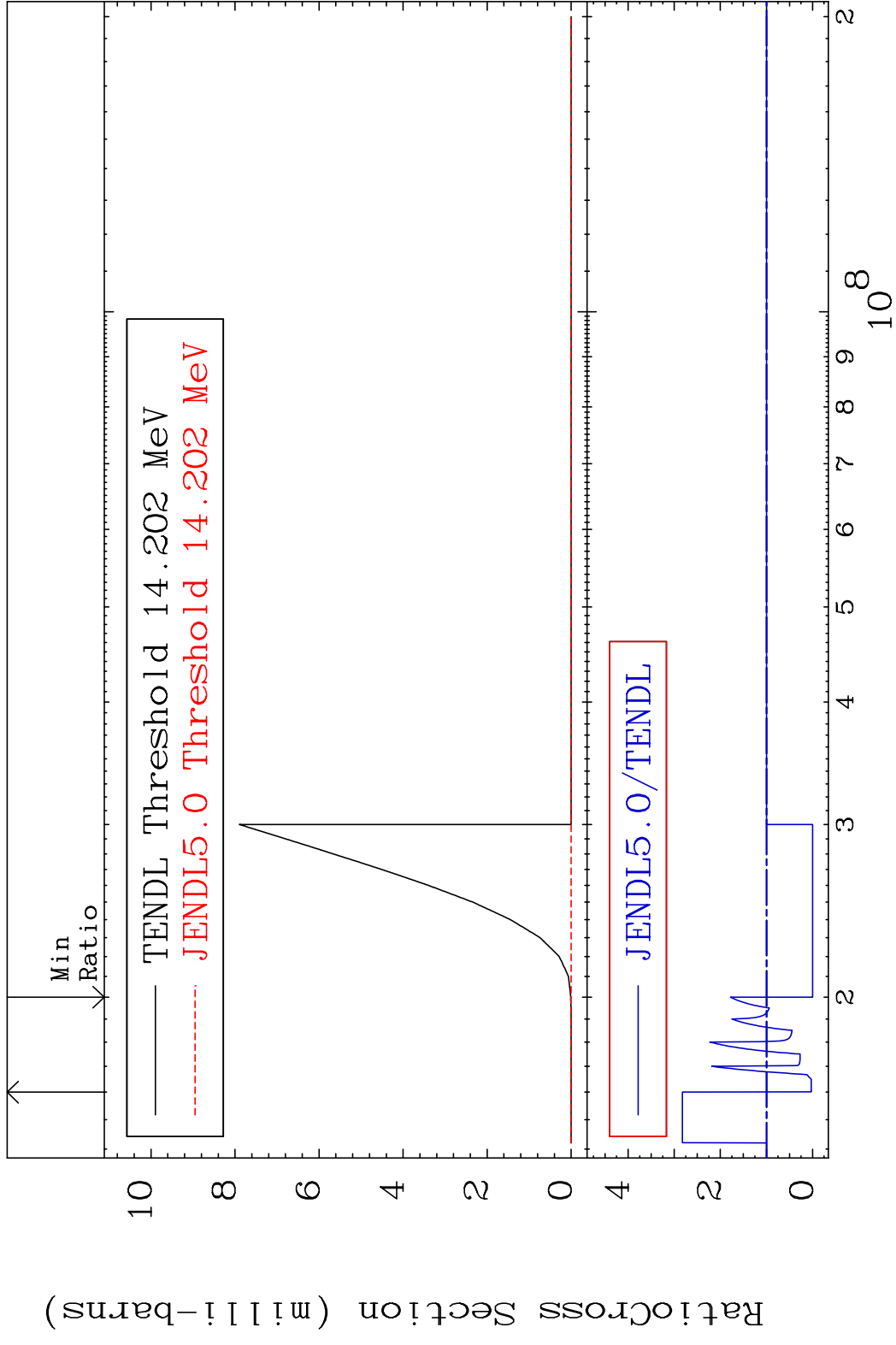


10

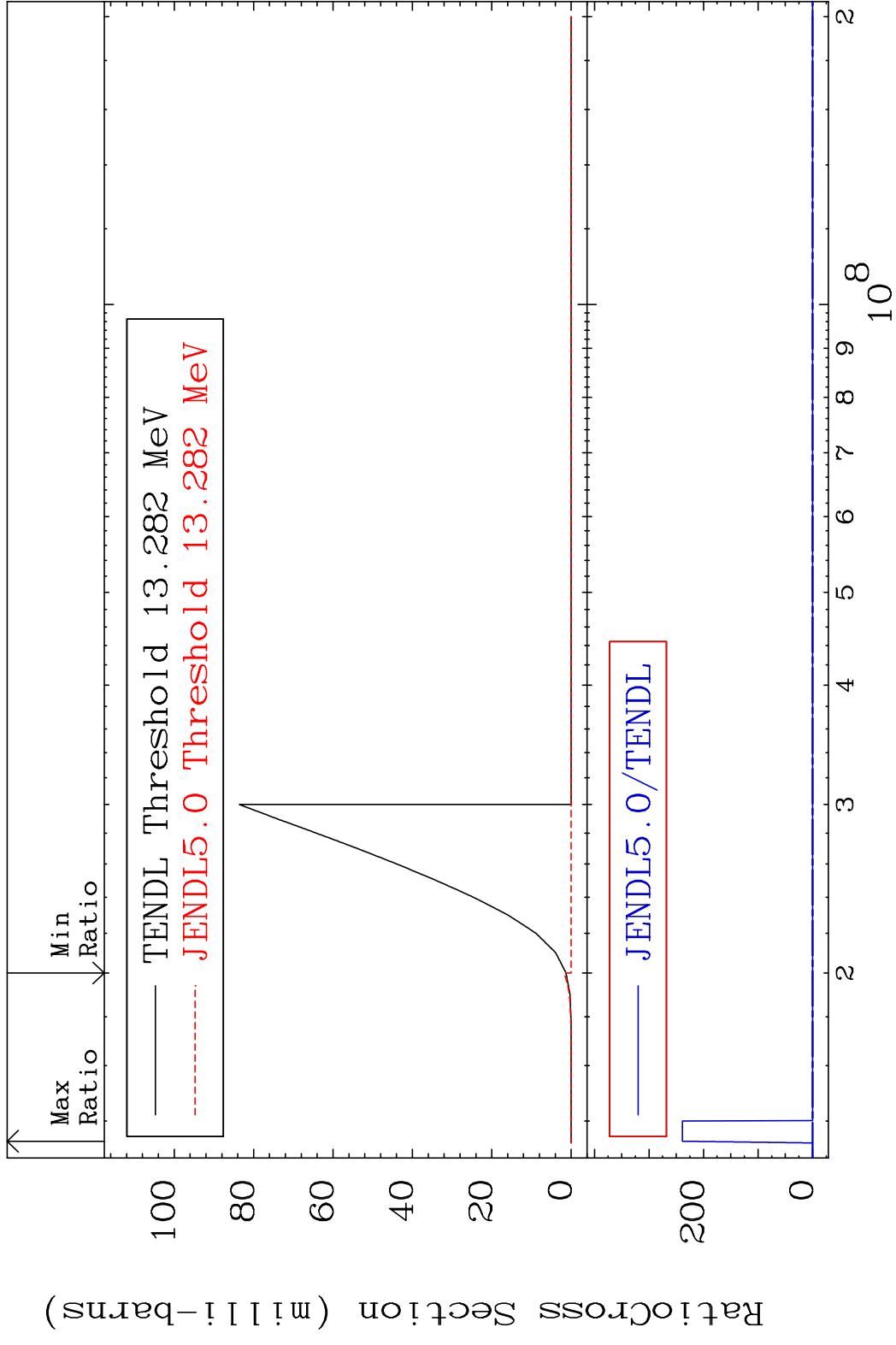
Incident Energy (eV)

49-In-114m

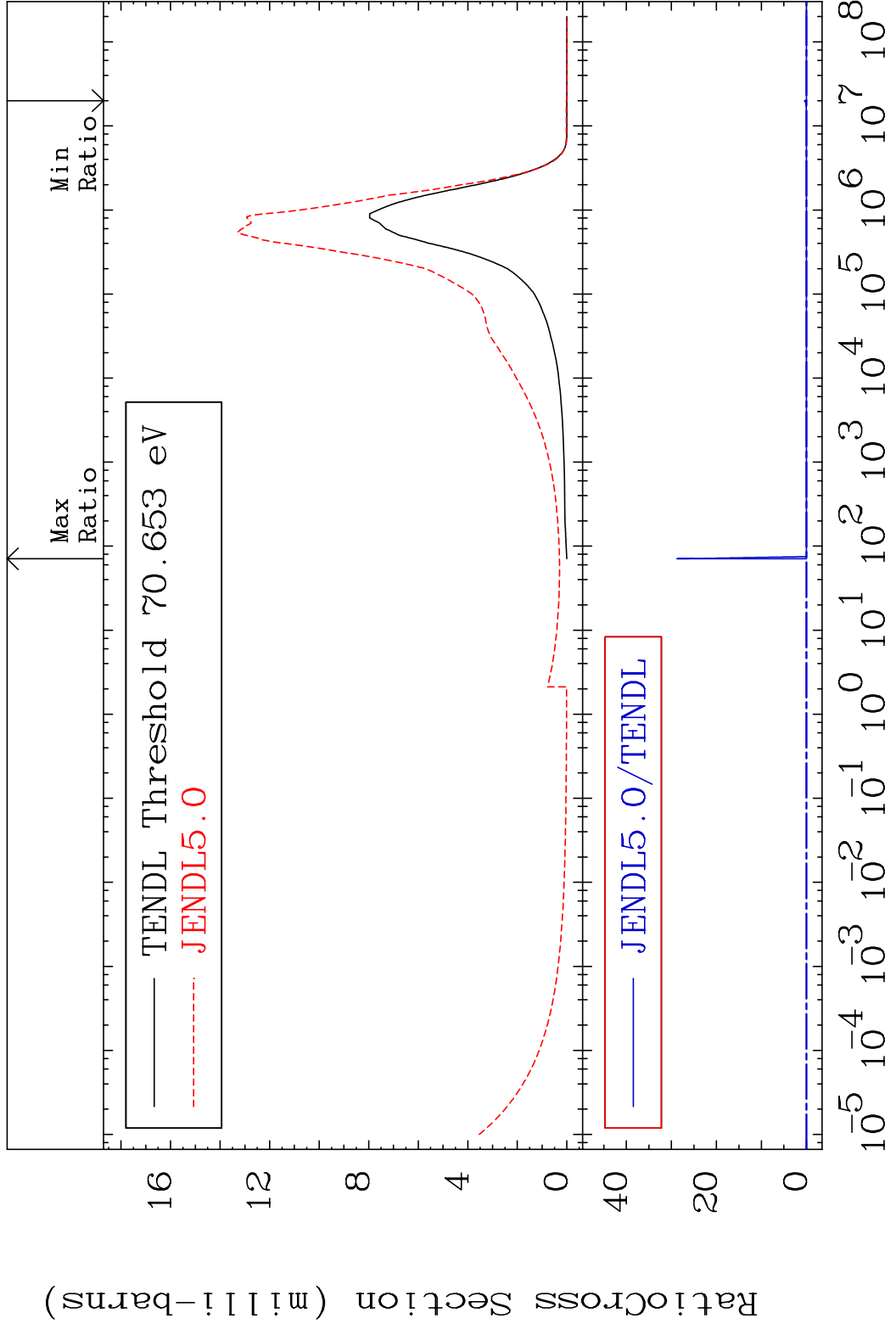
MAT 4929 (n, n') t 49-In-114m
 Cross Section -100.0 To 182.4 %



MAT 4929 (n,2n) p 49-In-114m
 Cross Section -100.0 To 9999. %

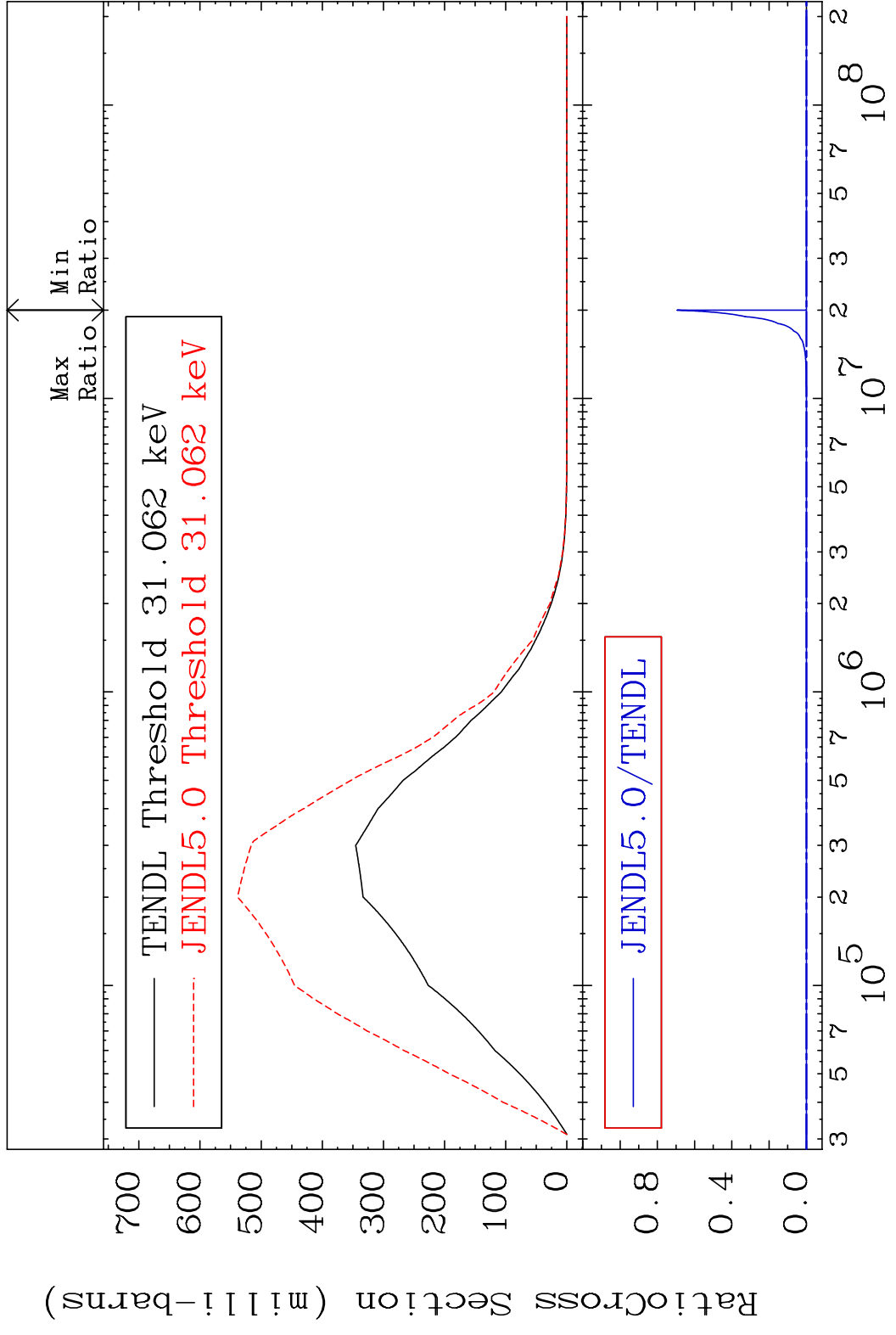


MAT 4929 MT= 51 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %



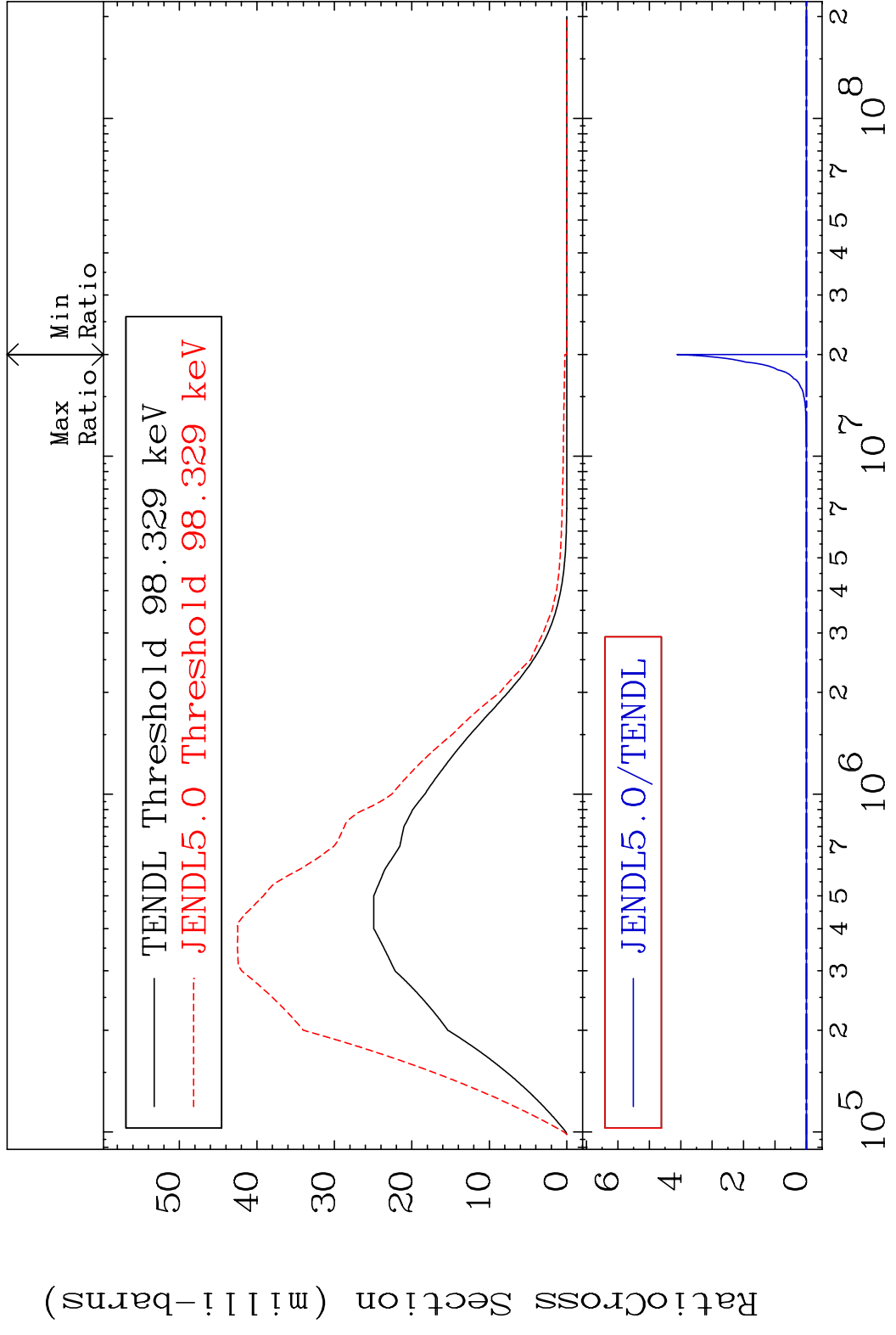
13 49-In-114m

MAT 4929 MT= 52 (n,n') Level 49-In-114m
 Cross Section -100.0 To 9999. %



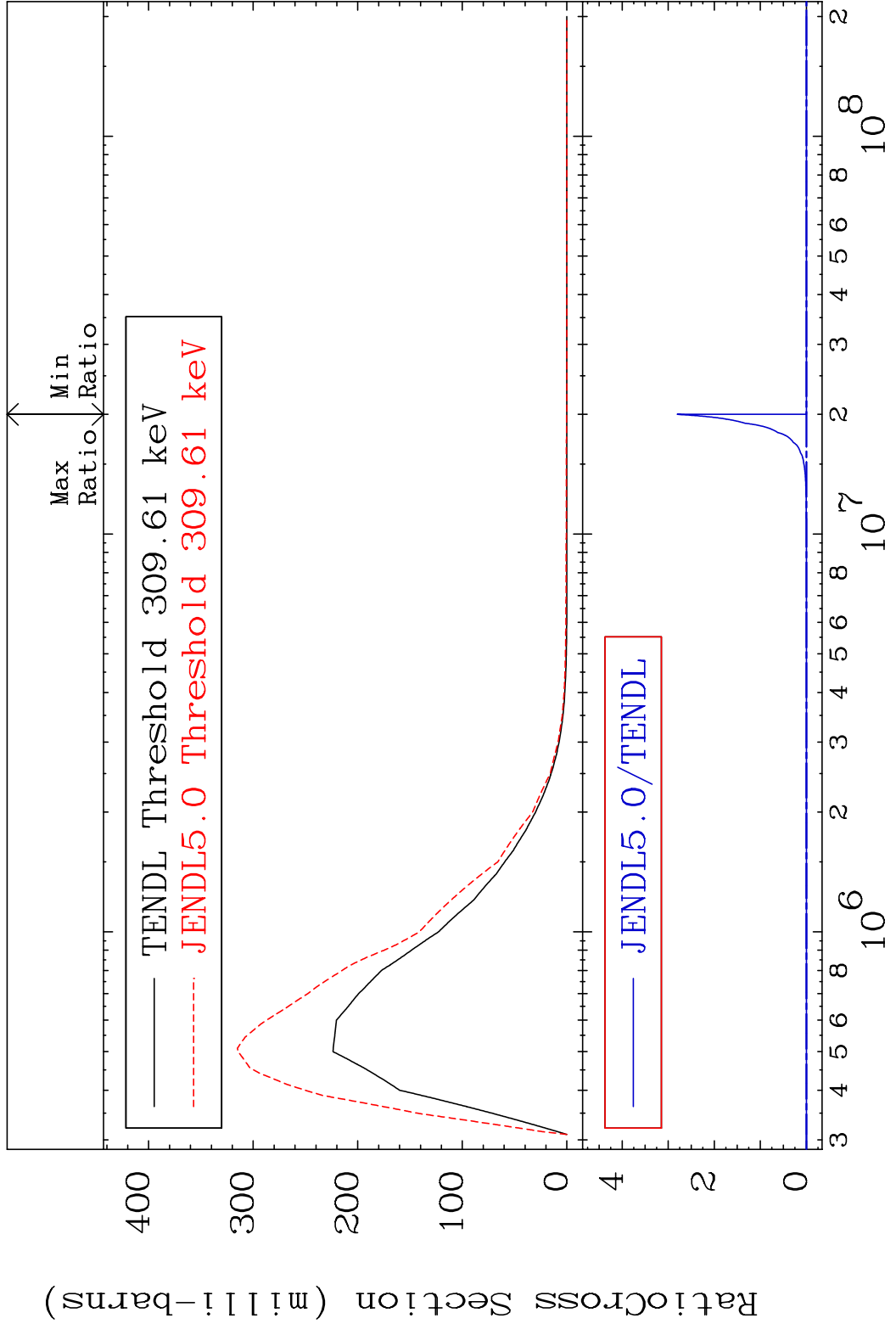
14 Incident Energy (eV) 49-In-114m

MAT 4929 MT= 53 (n,n') Level 49-In-114m
 Cross Section -100.0 To 9999. %

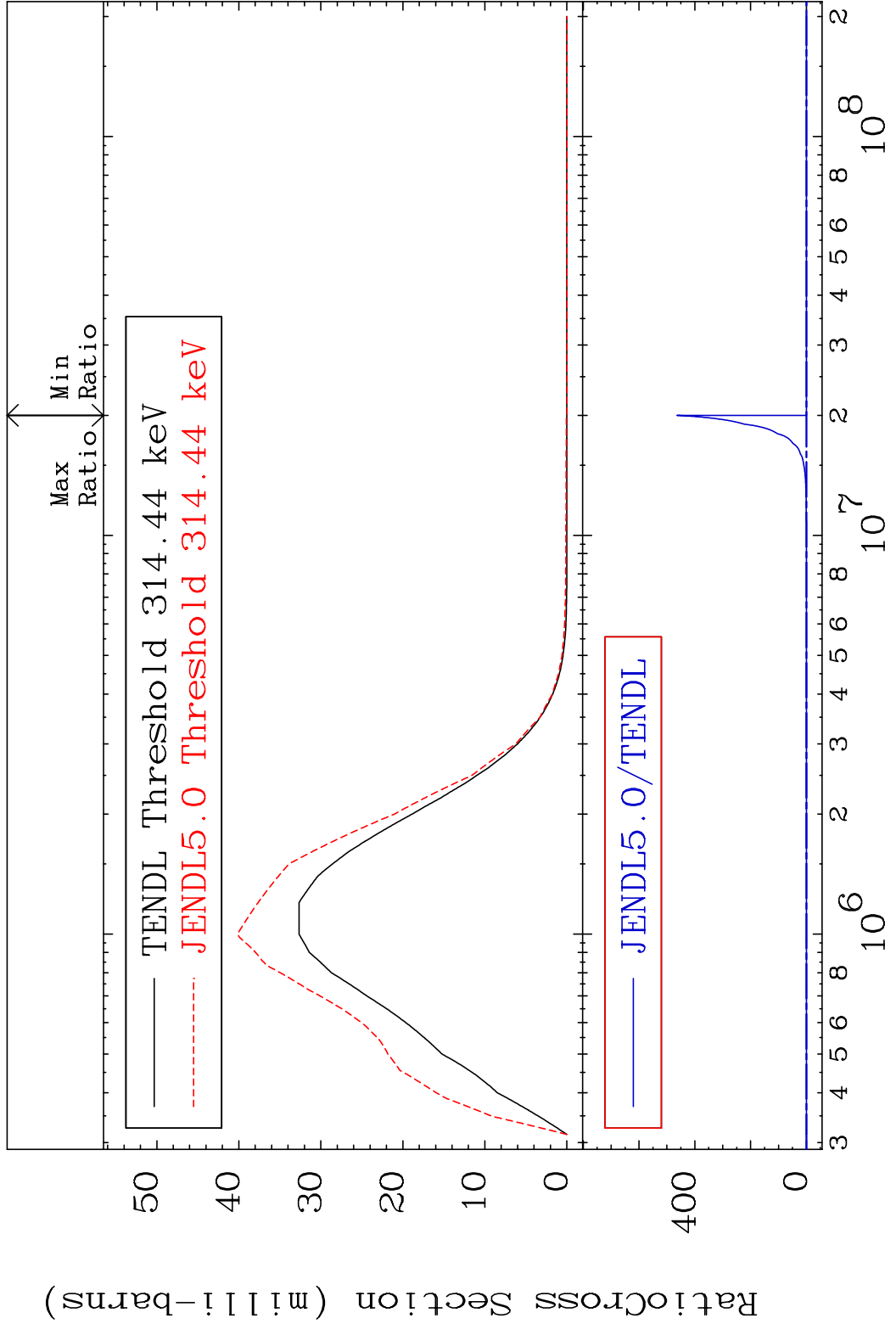


15 15 49-In-114m

MAT 4929 MT= 54 (n,n') Level 49-In-114m
 Cross Section -100.0 To 9999. %

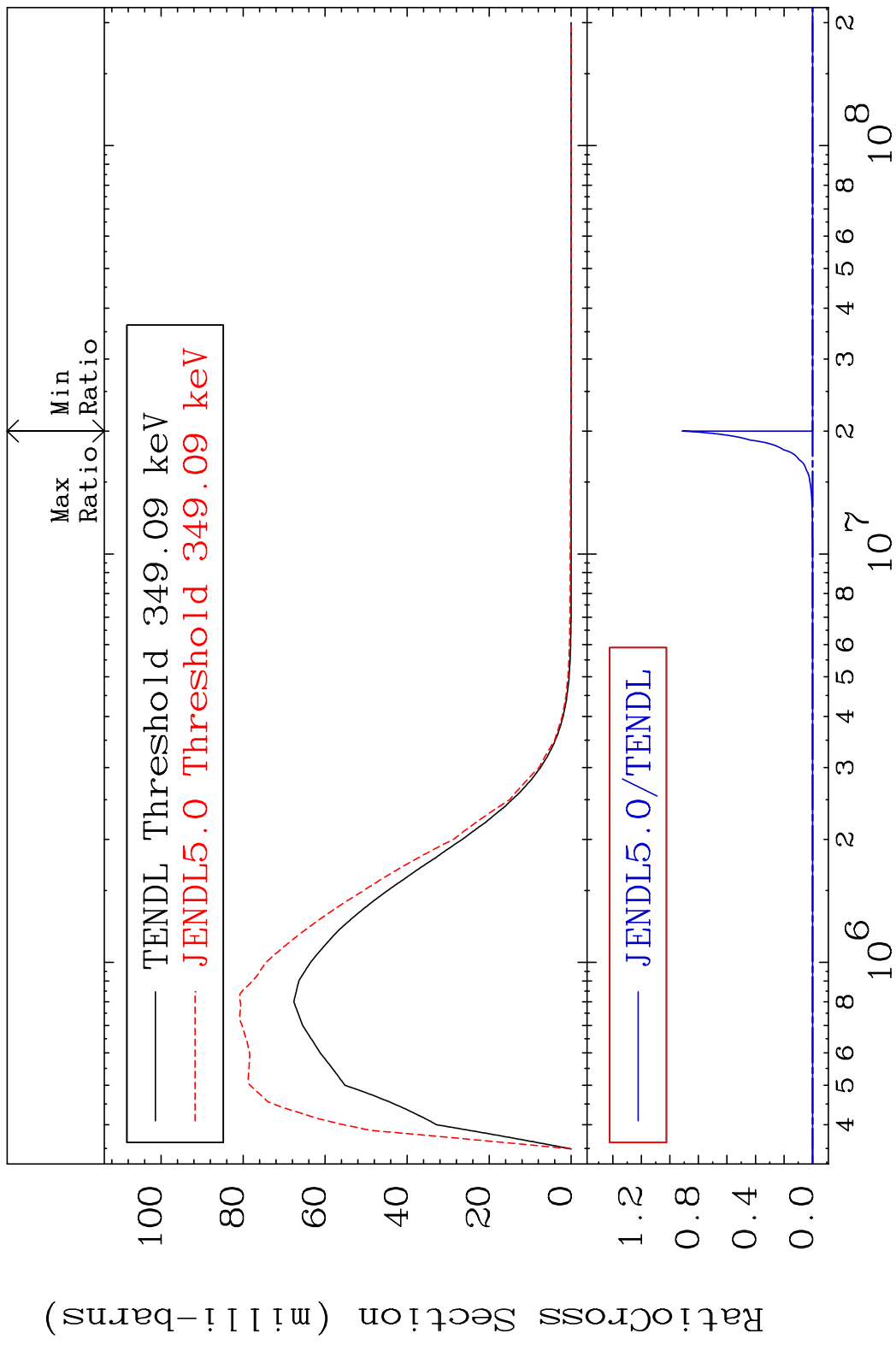


MAT 4929 MT= 55 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %



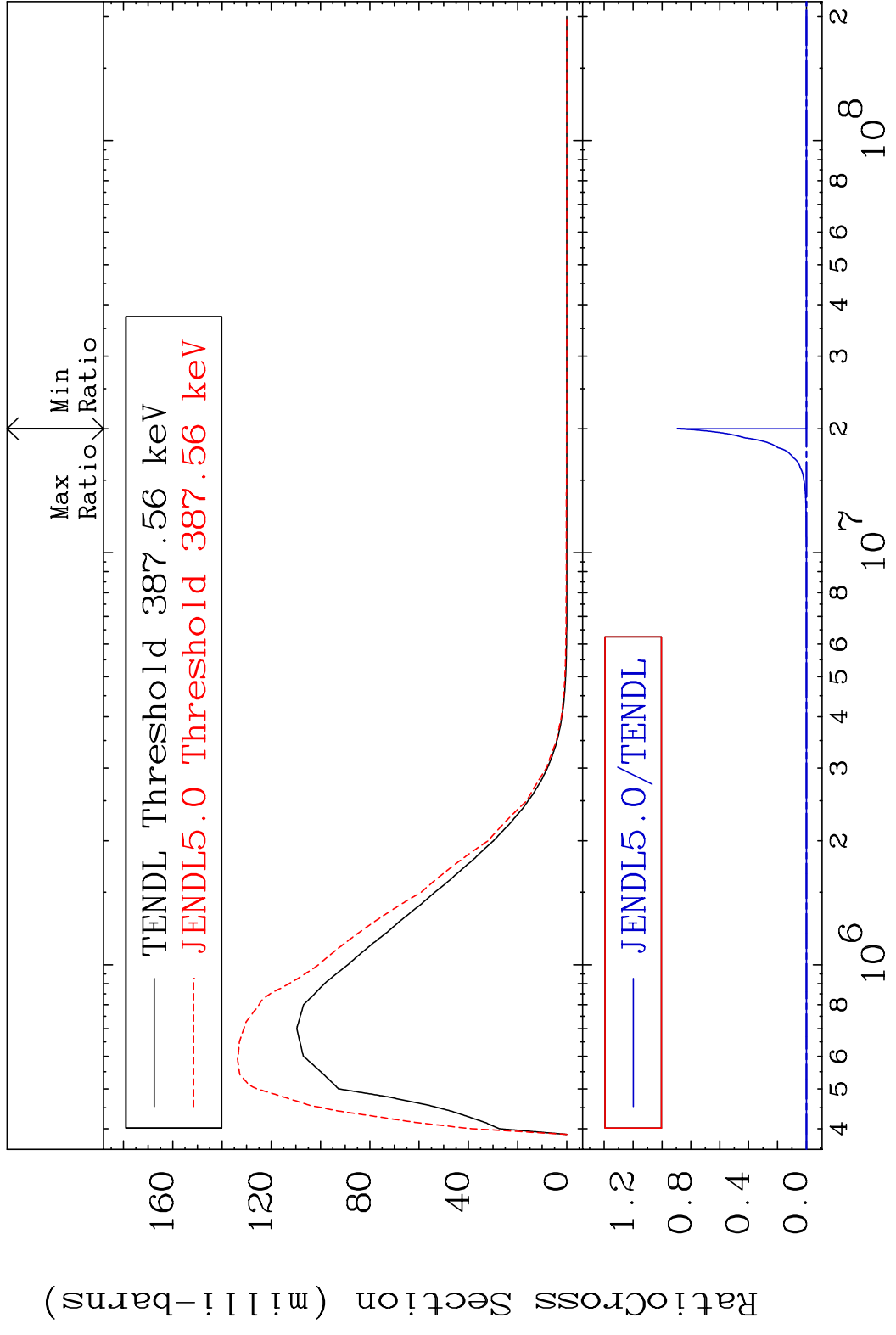
17 Incident Energy (eV) 49-In-114m

MAT 4929 MT= 56 (n,n') Level 49-In-114m
 Cross Section -100.0 To 9999. %



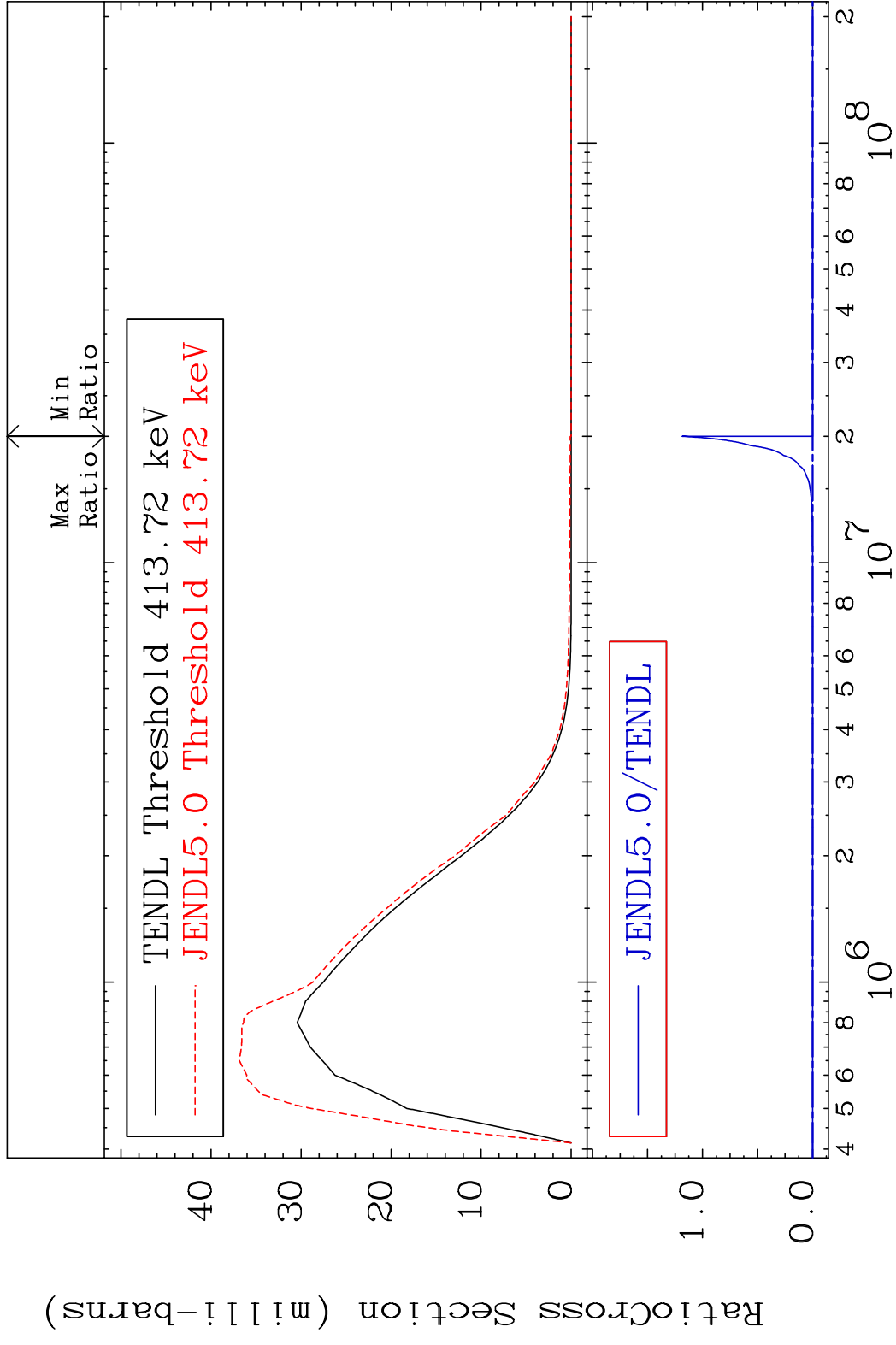
18 Incident Energy (eV) 49-In-114m

MAT 4929 MT= 57 (n,n') Level 49-In-114m
 Cross Section -100.0 To 9999. %



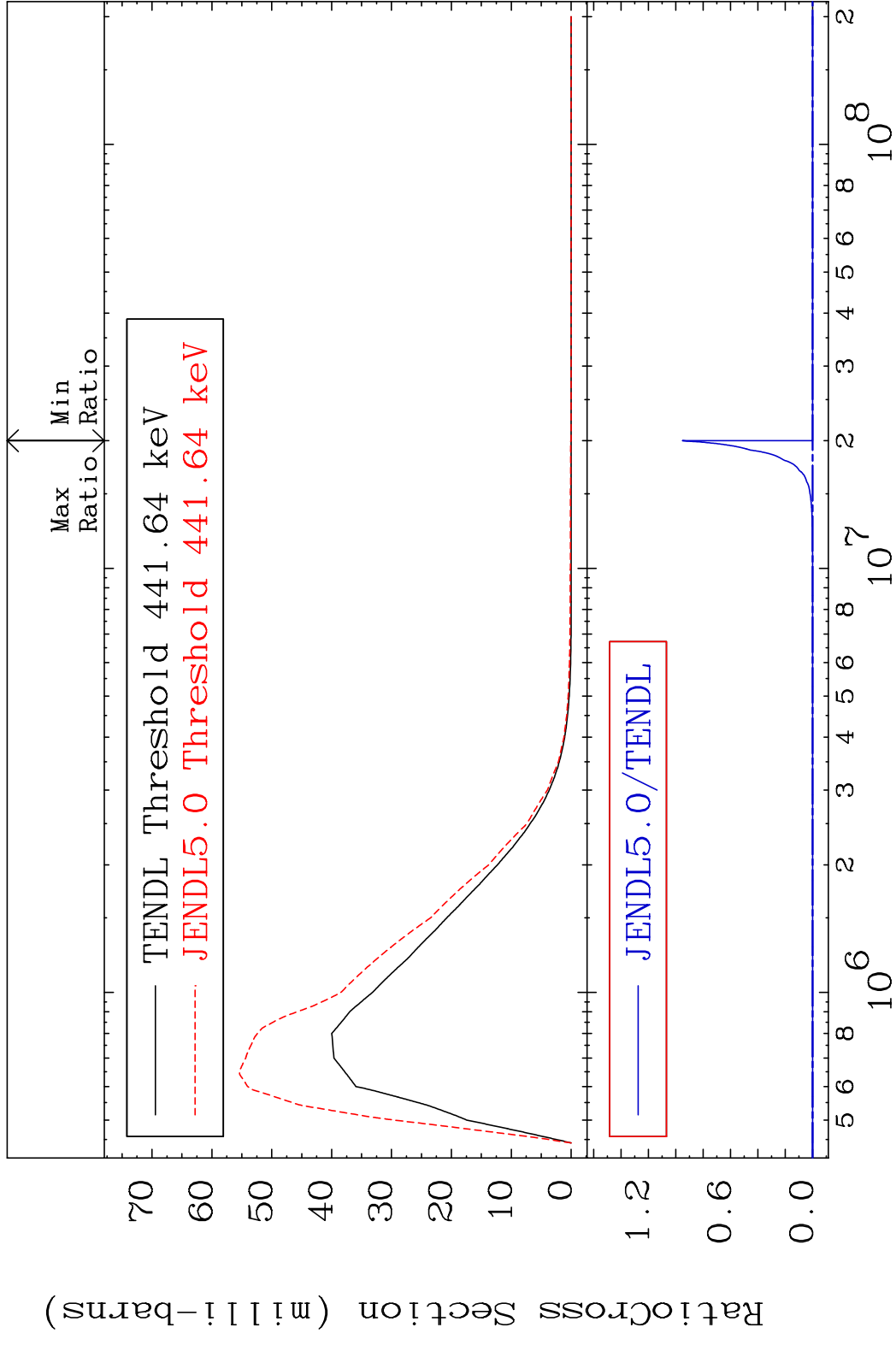
19 Incident Energy (eV) 49-In-114m

MAT 4929 MT= 58 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %

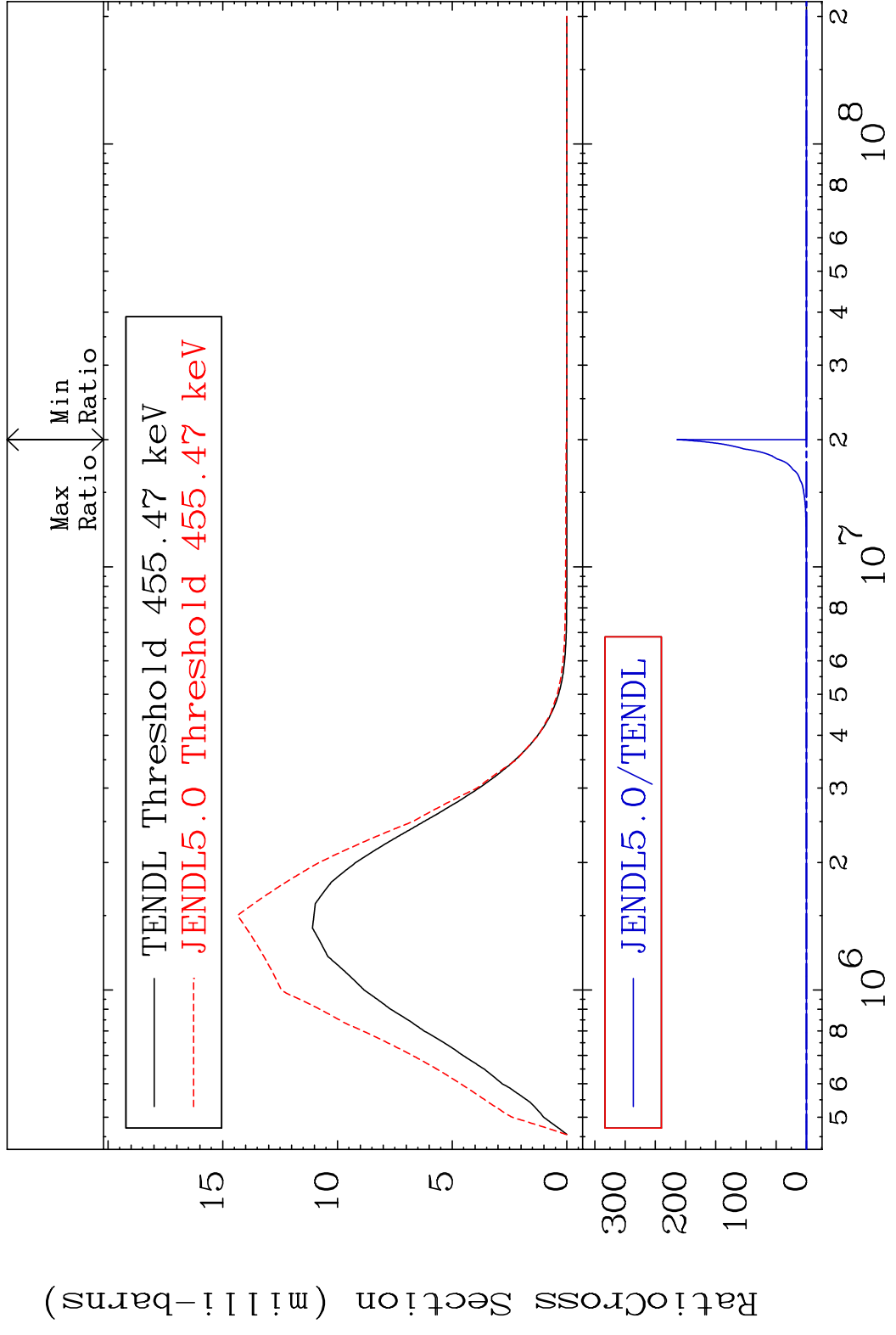


20 Incident Energy (eV) 49-In-114m

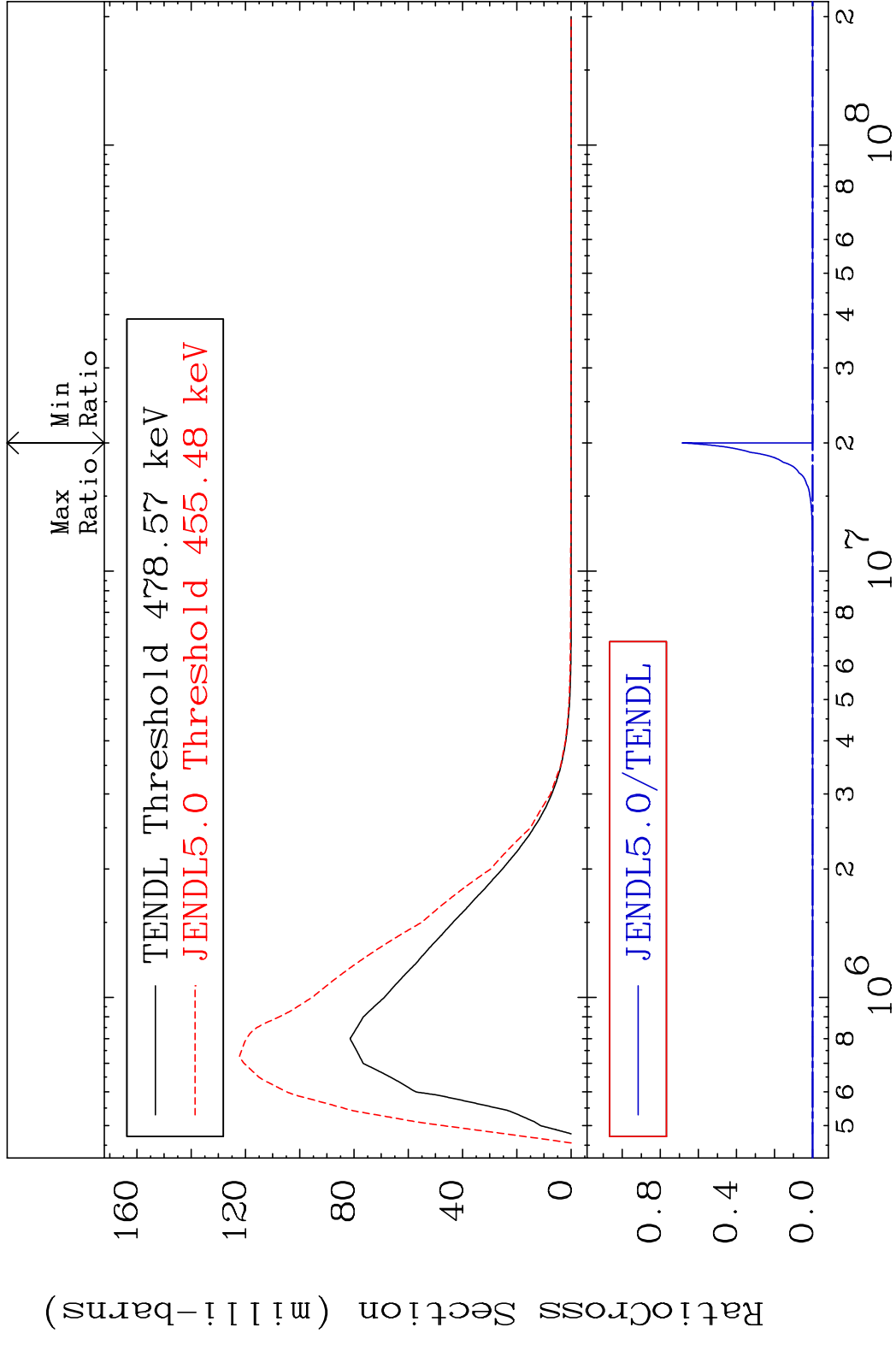
MAT 4929 MT= 59 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %



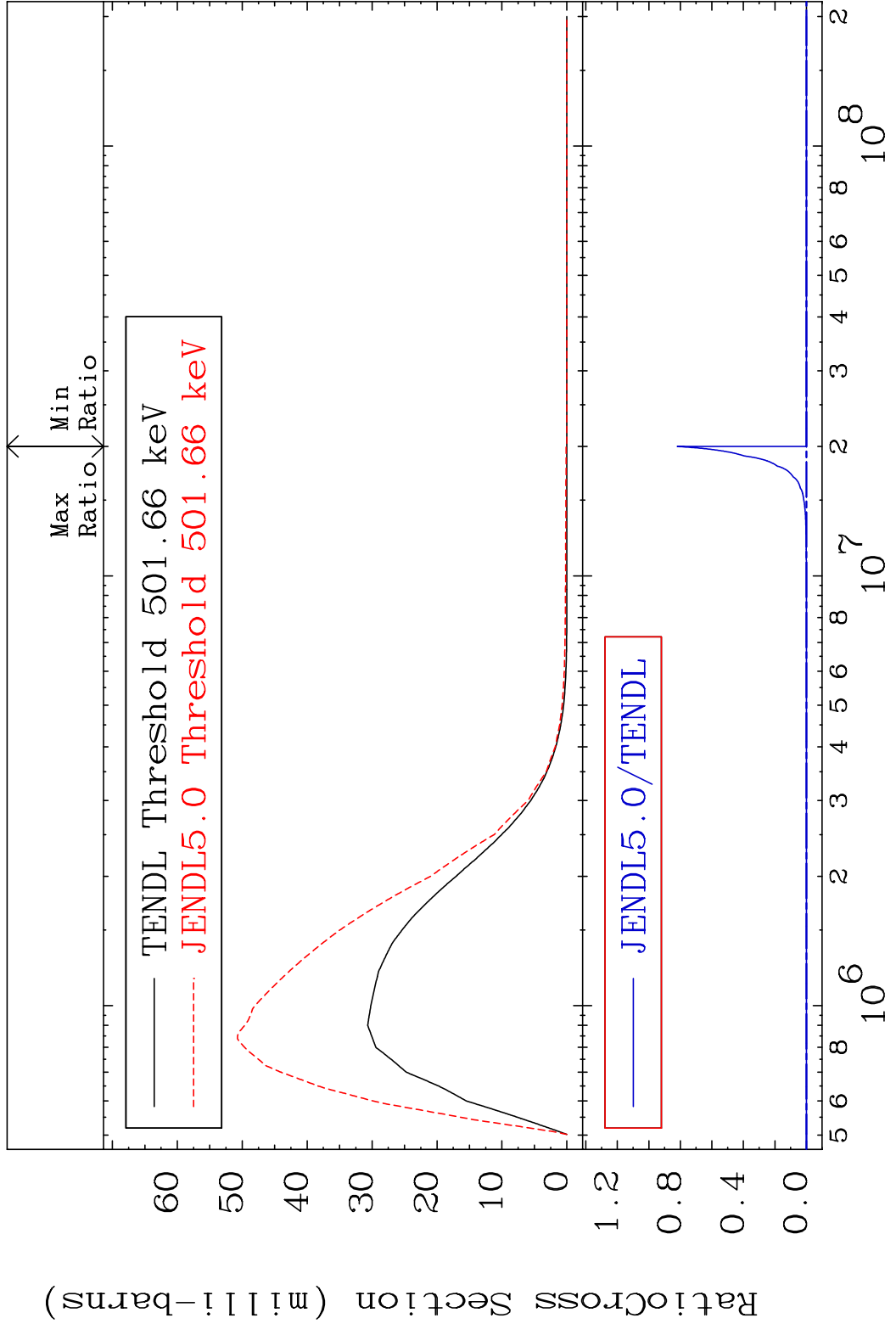
MAT 4929 MT= 60 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %



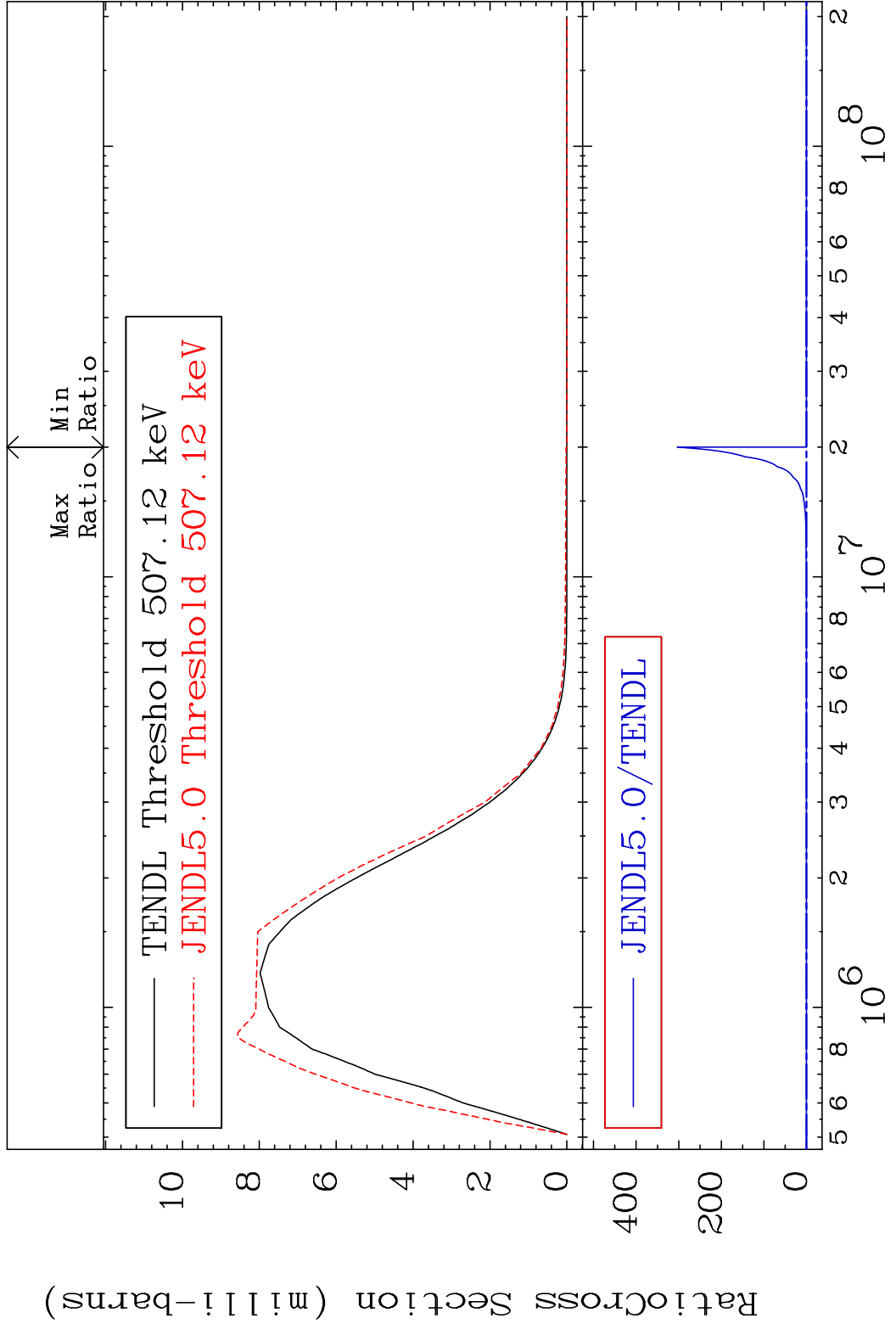
MAT 4929 MT= 61 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %



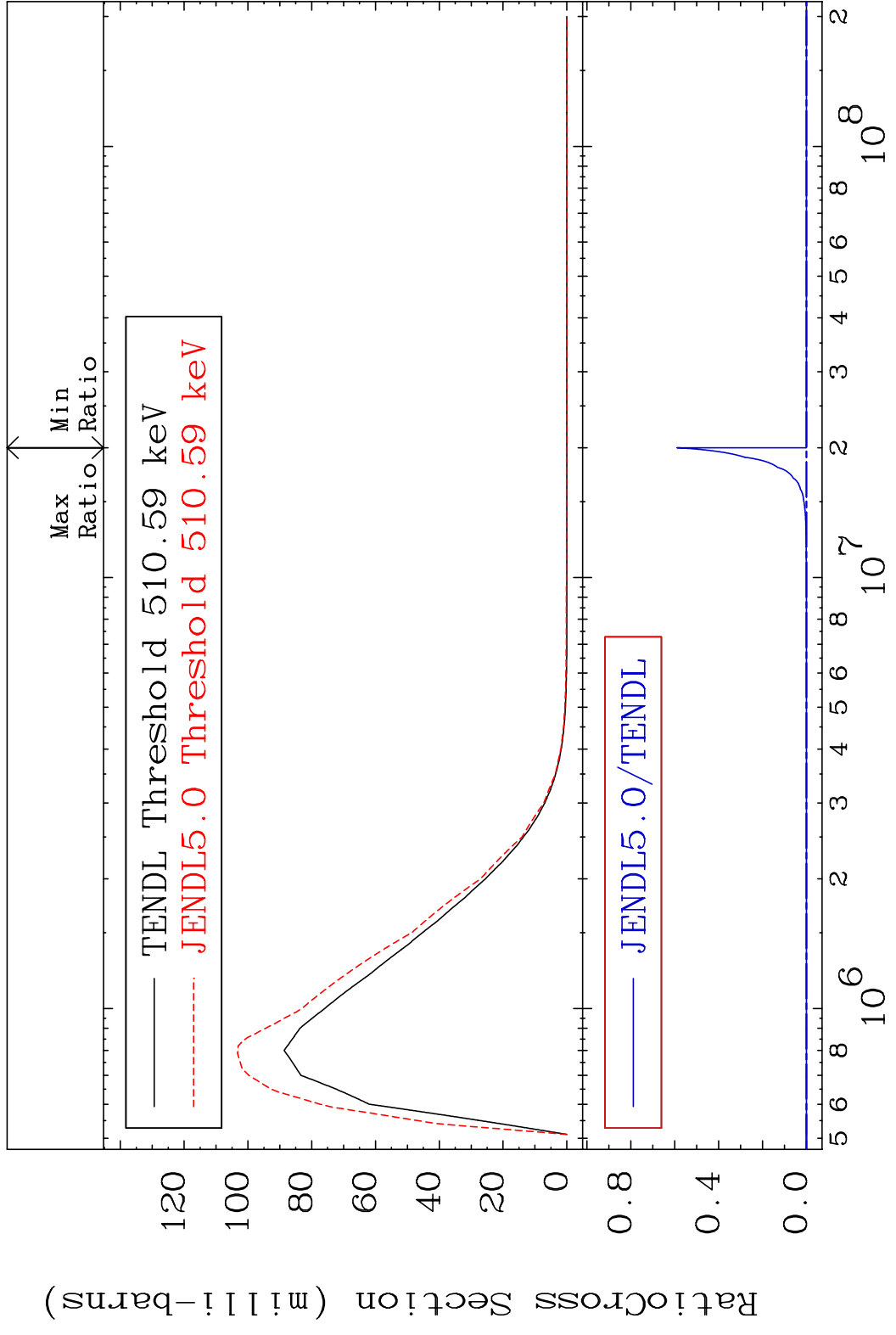
MAT 4929 MT= 62 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %



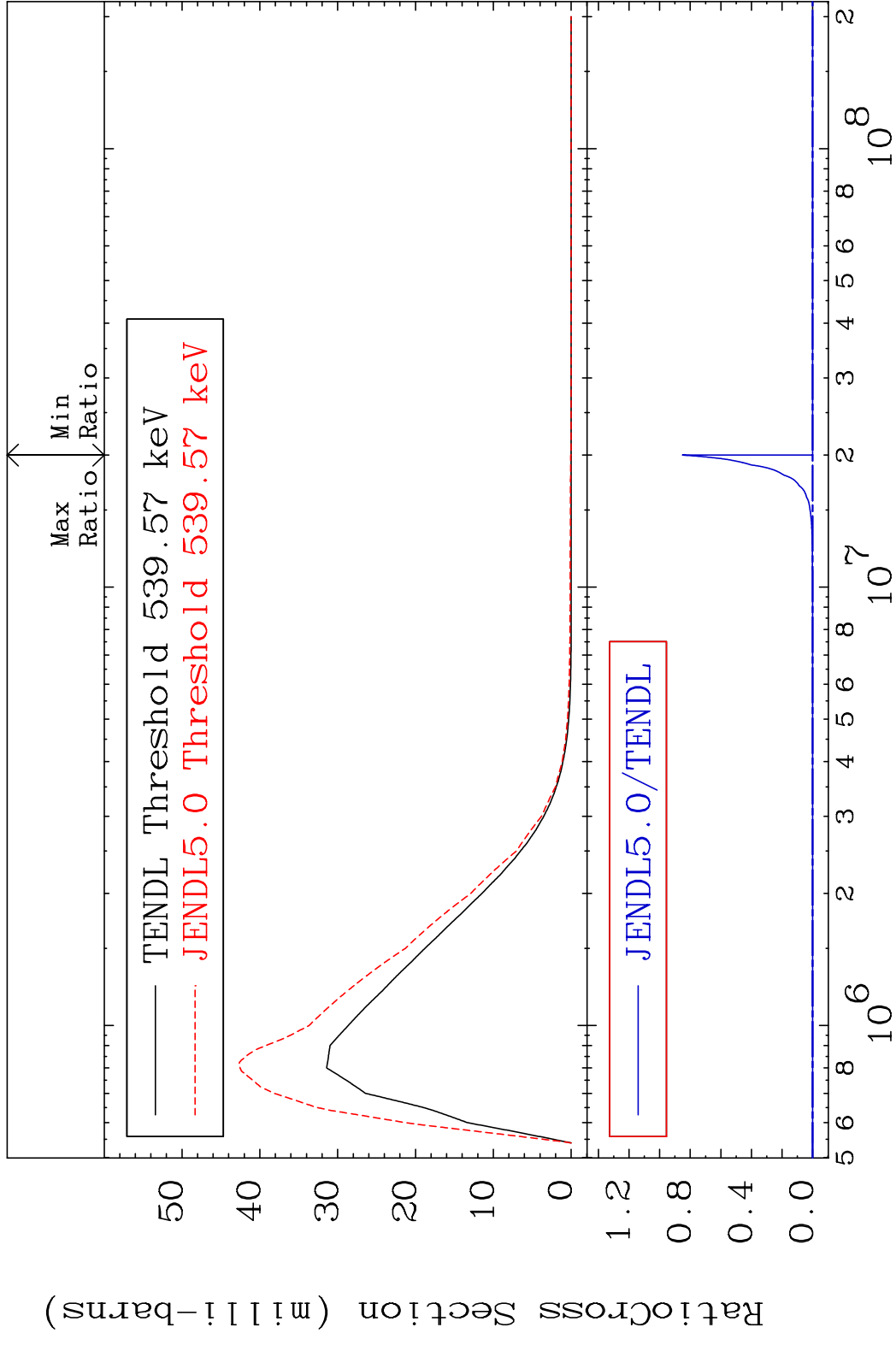
MAT 4929 MT= 63 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %



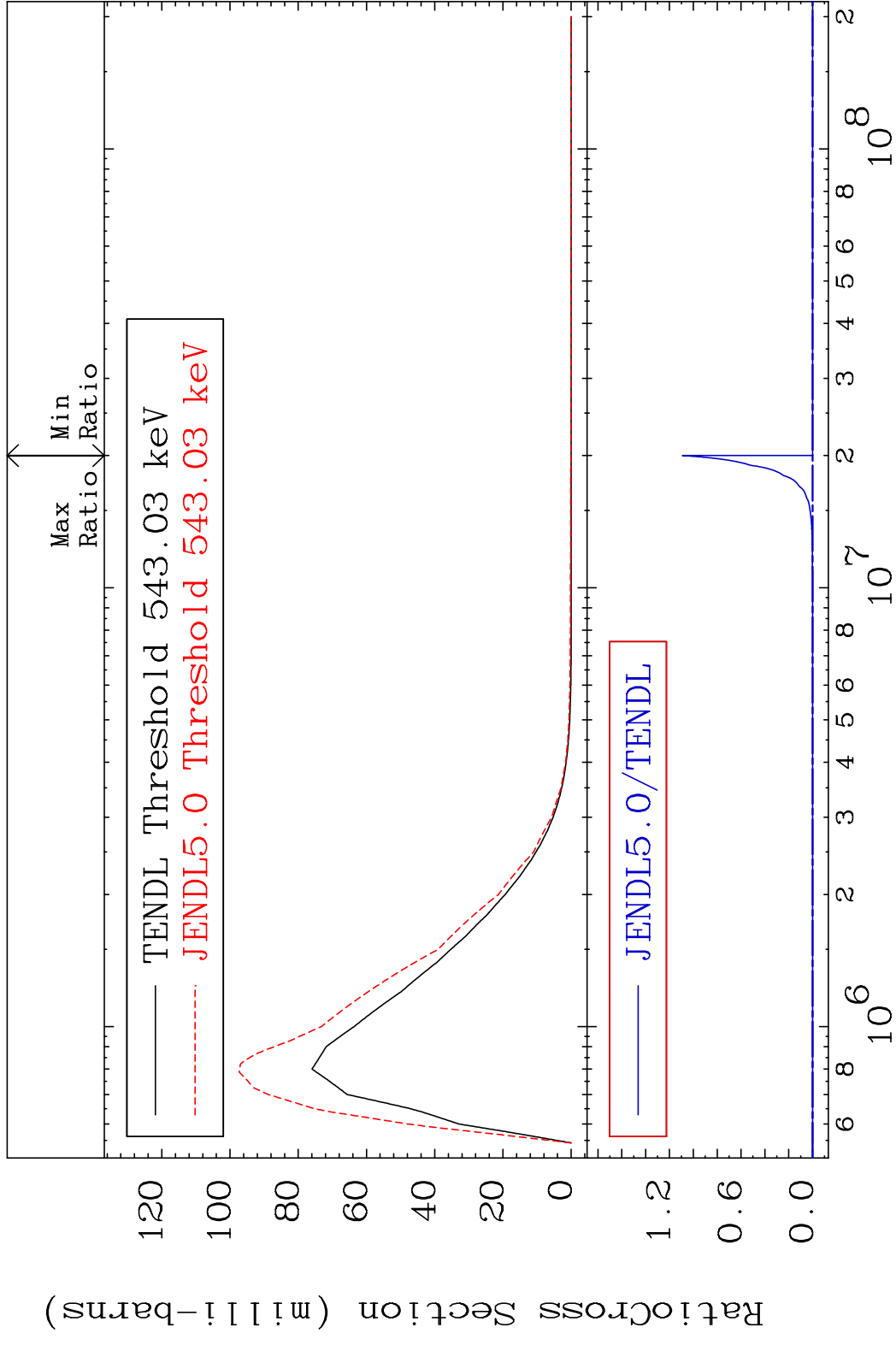
MAT 4929 MT= 64 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %



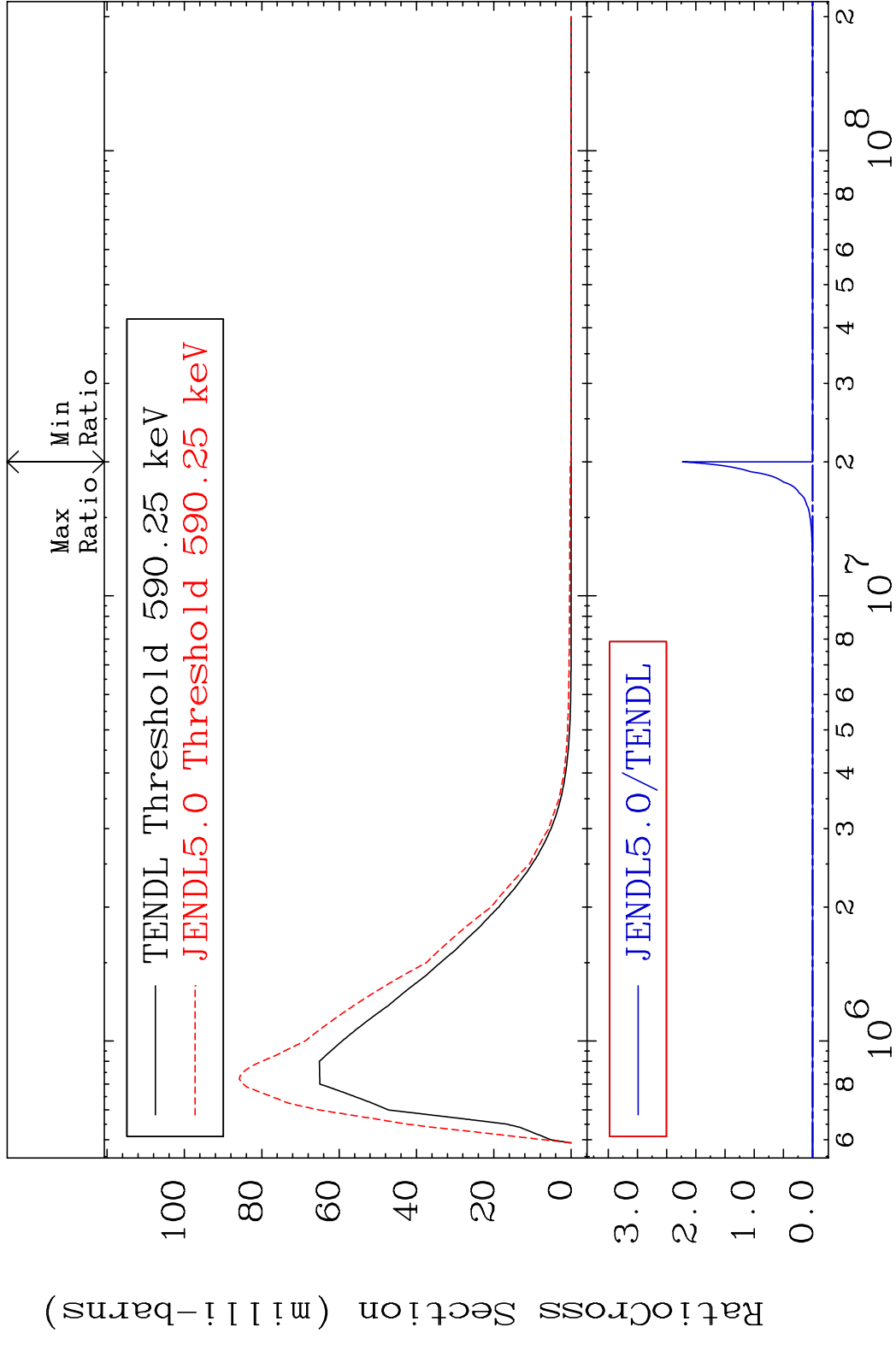
MAT 4929 MT= 65 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %



MAT 4929 MT= 66 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %

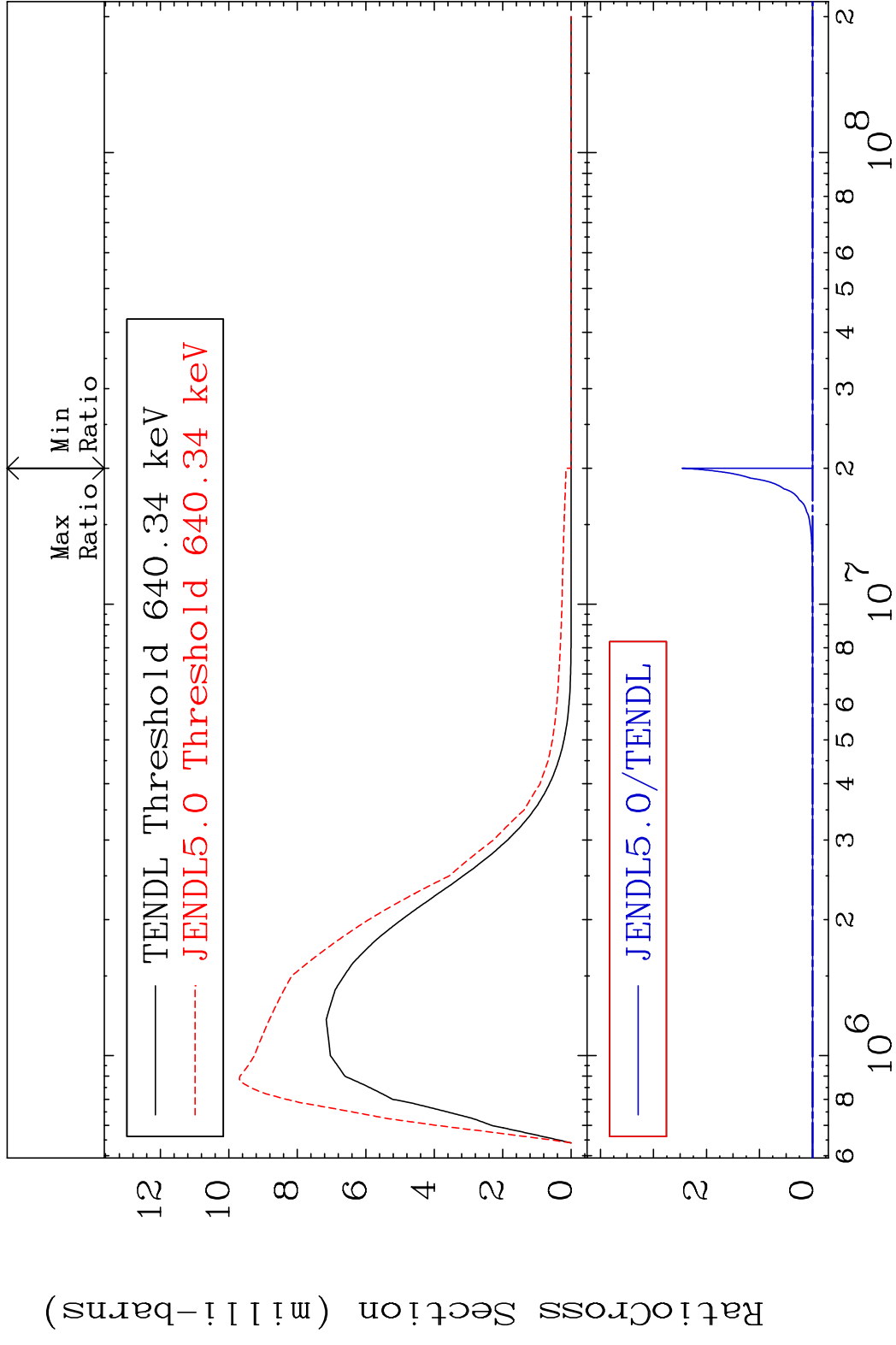


MAT 4929 MT= 67 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %



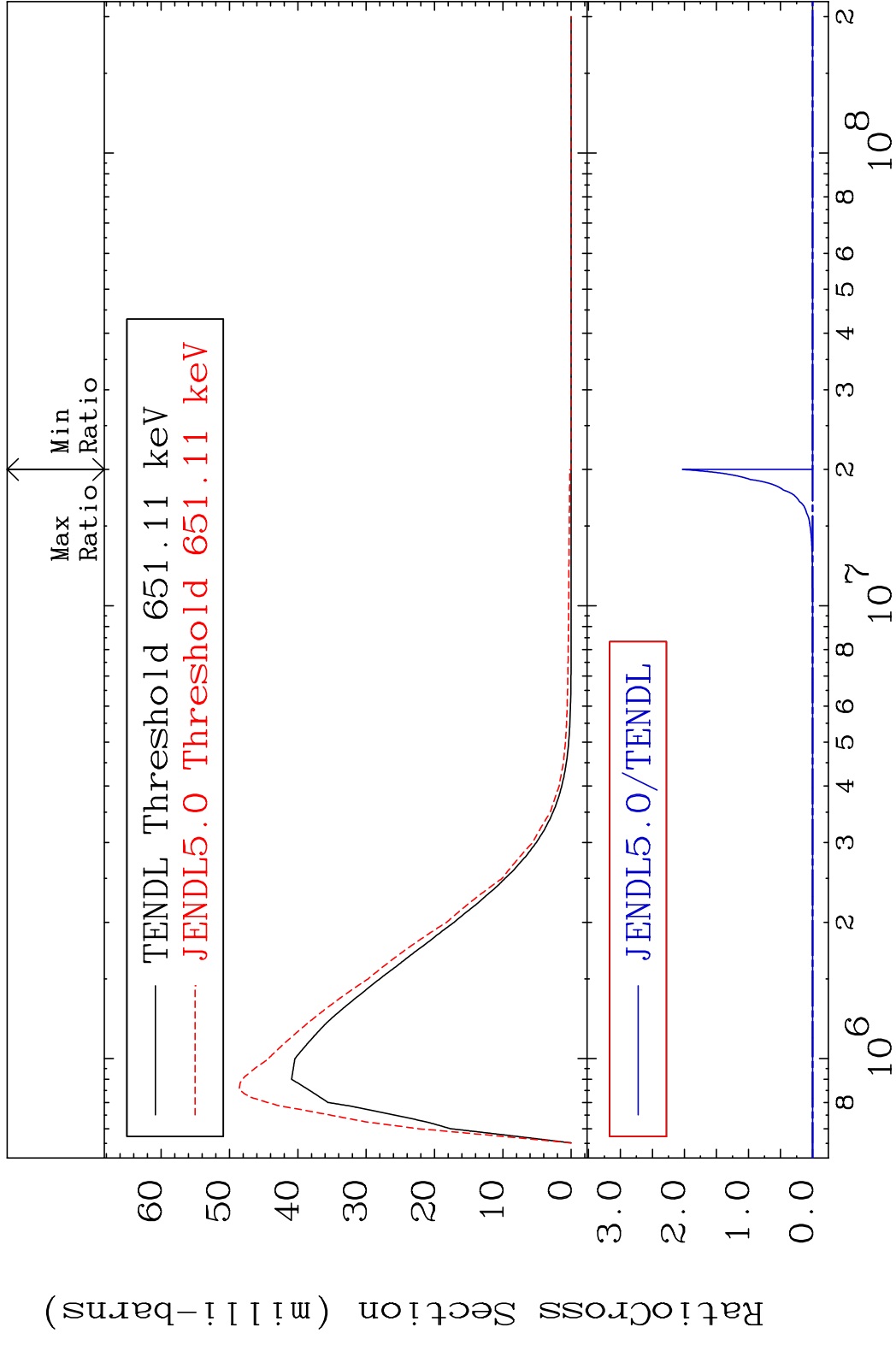
29 Incident Energy (eV) 49-In-114m

MAT 4929 MT= 68 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %

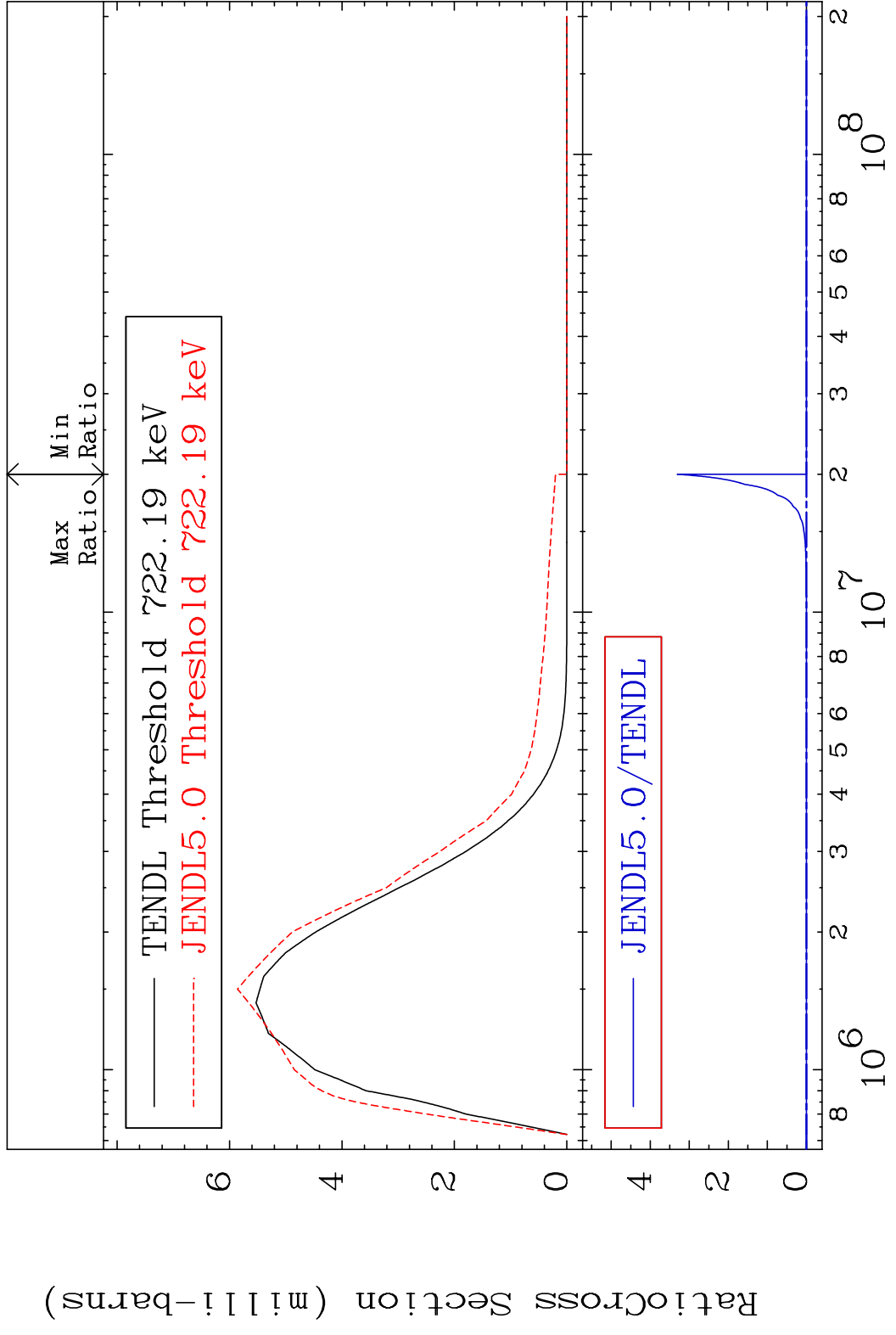


30 Incident Energy (eV) 49-In-114m

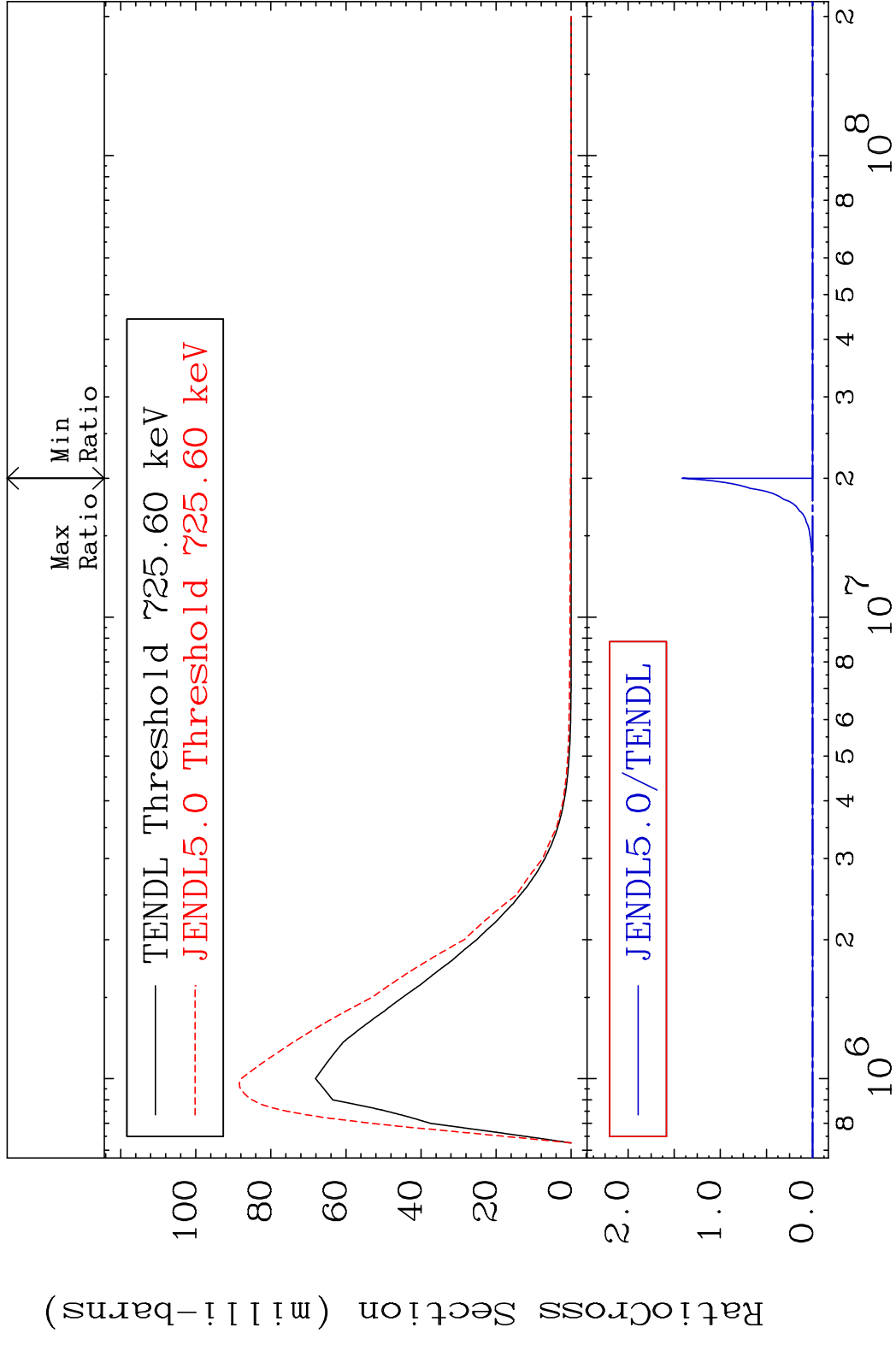
MAT 4929 MT= 69 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %



MAT 4929 MT= 70 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %

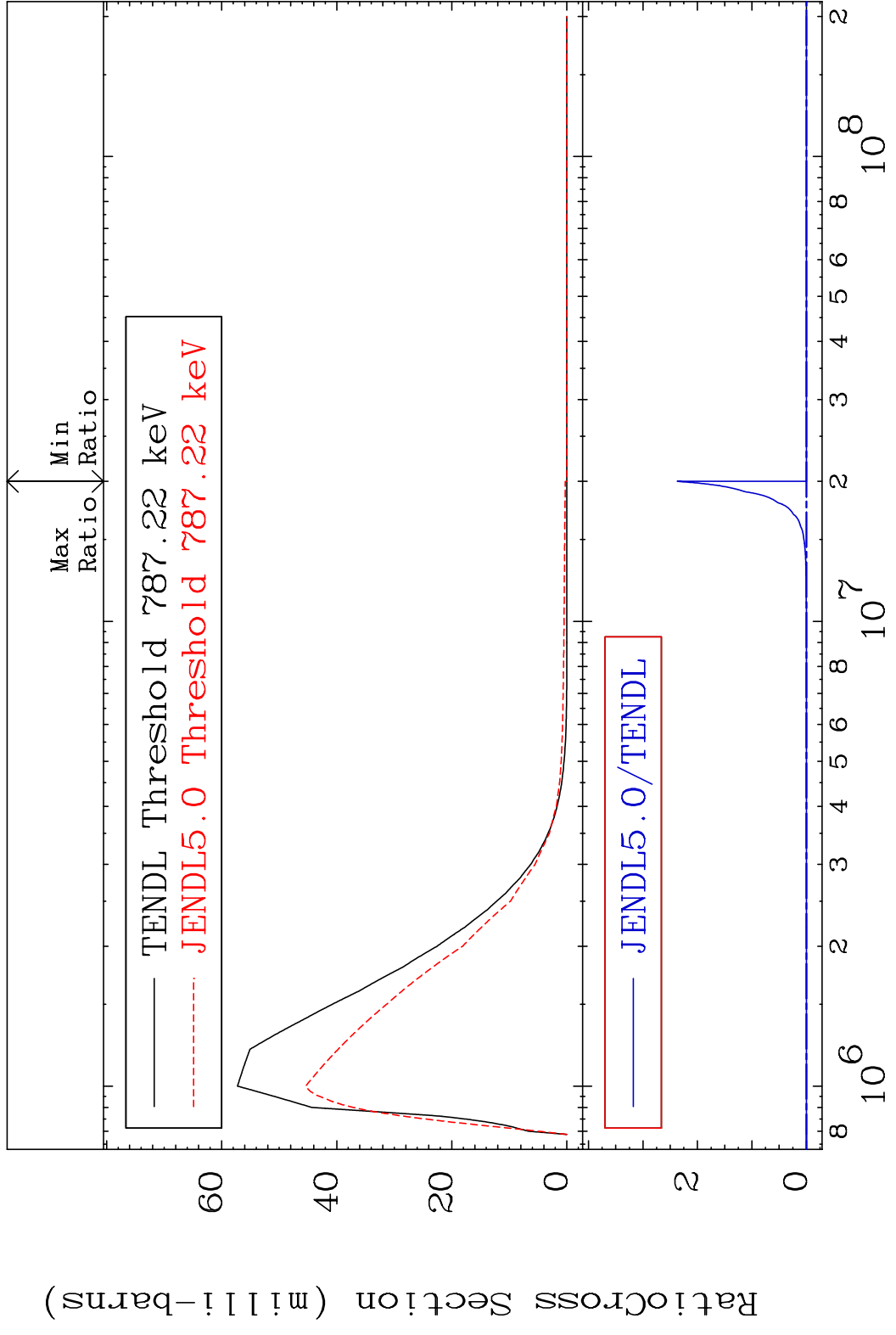


MAT 4929 MT= 71 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %



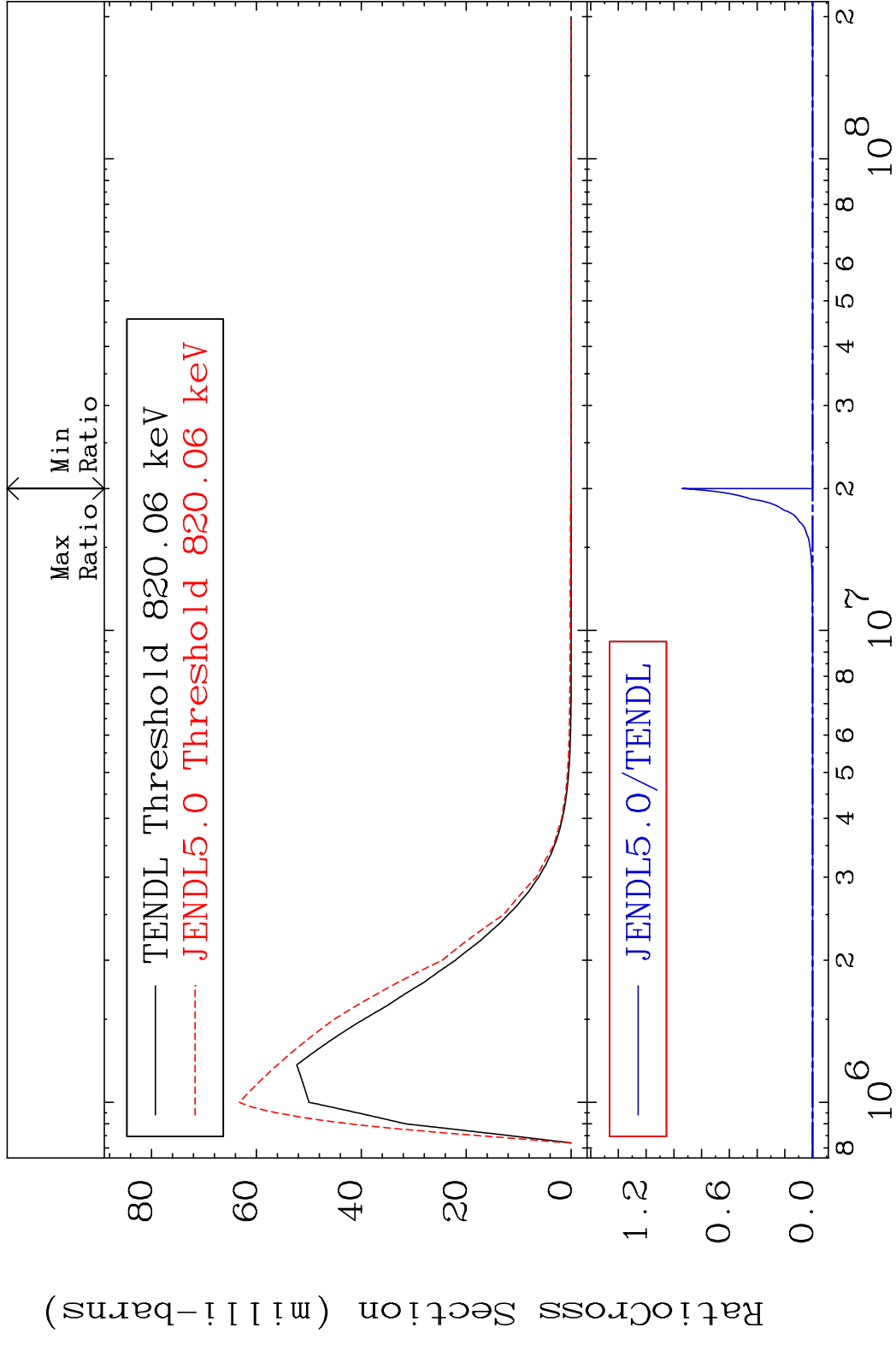
33 Incident Energy (eV) 49-In-114m

MAT 4929 MT= 72 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %



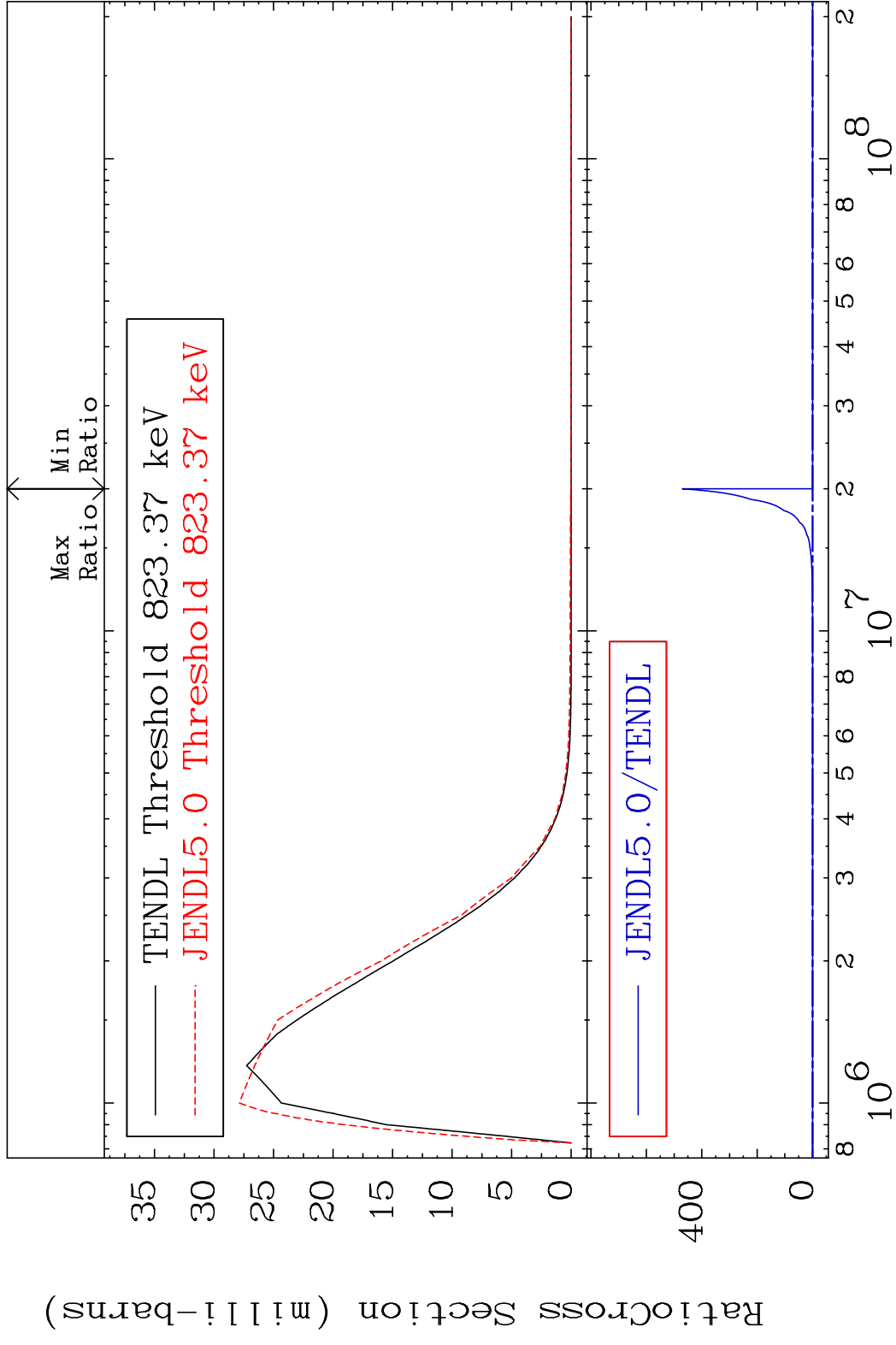
34 Incident Energy (eV) 49-In-114m

MAT 4929 MT= 73 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %

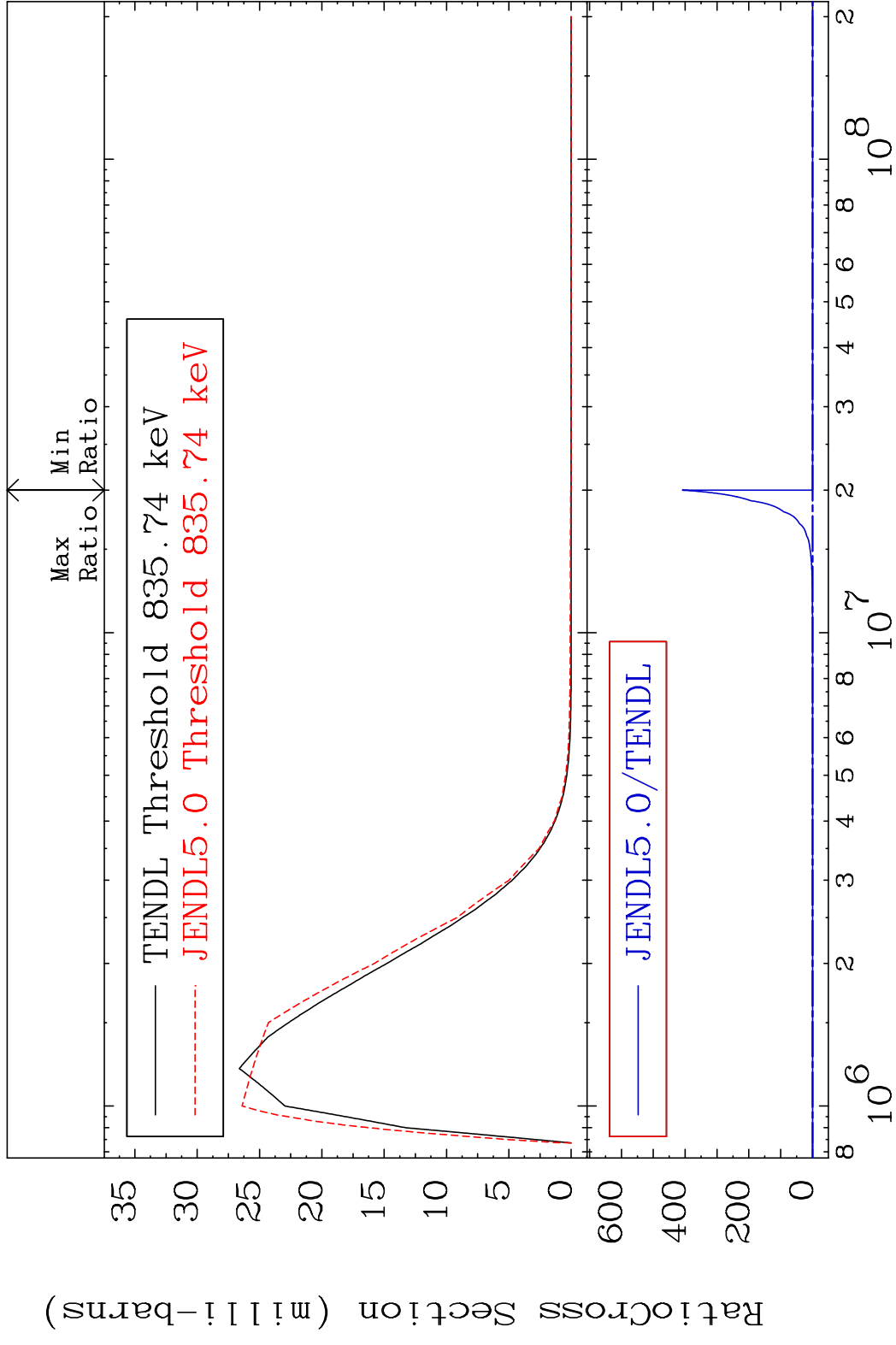


35 Incident Energy (eV) 49-In-114m

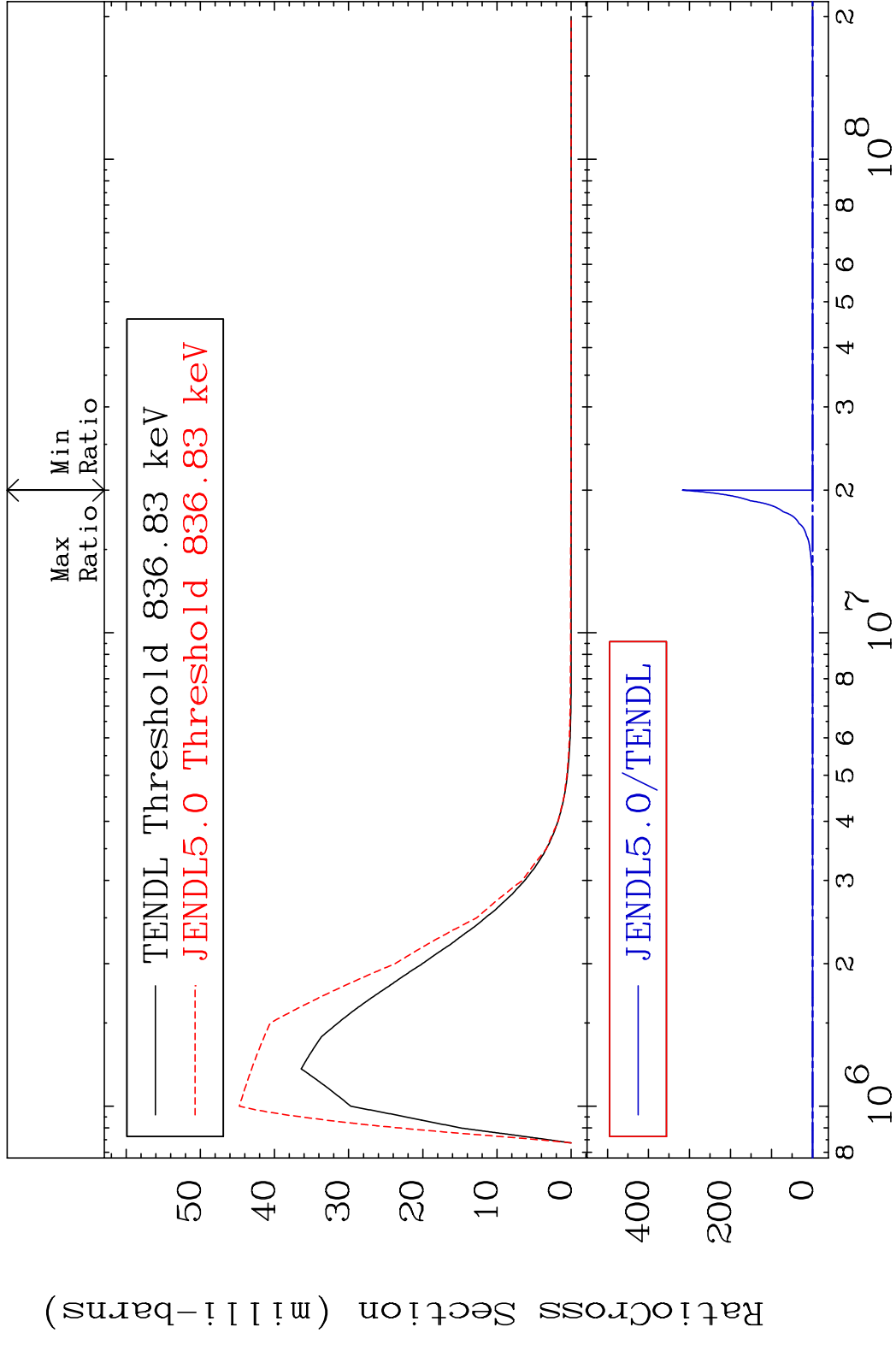
MAT 4929 MT= 74 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %



MAT 4929 MT= 75 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %

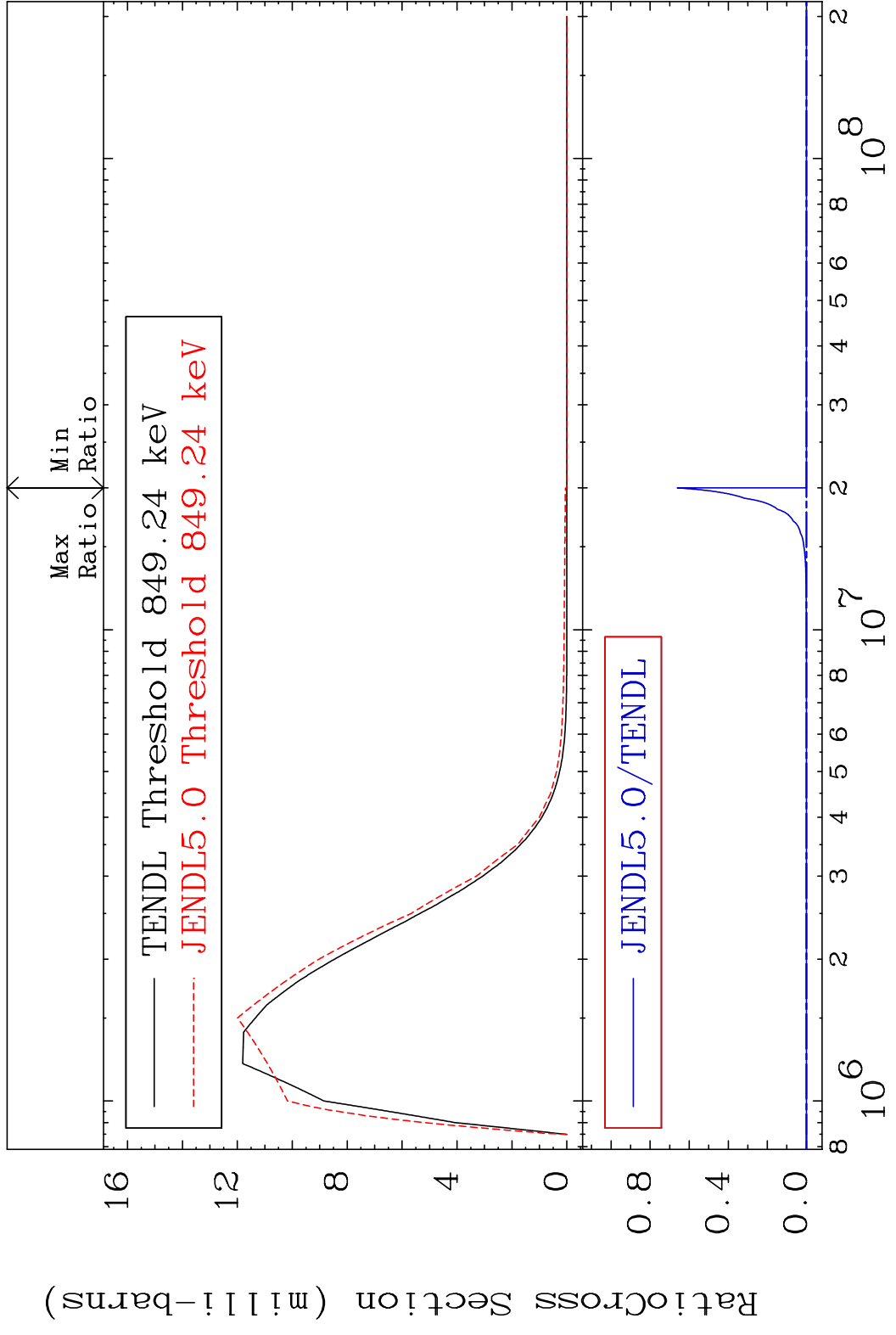


MAT 4929 MT= 76 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %



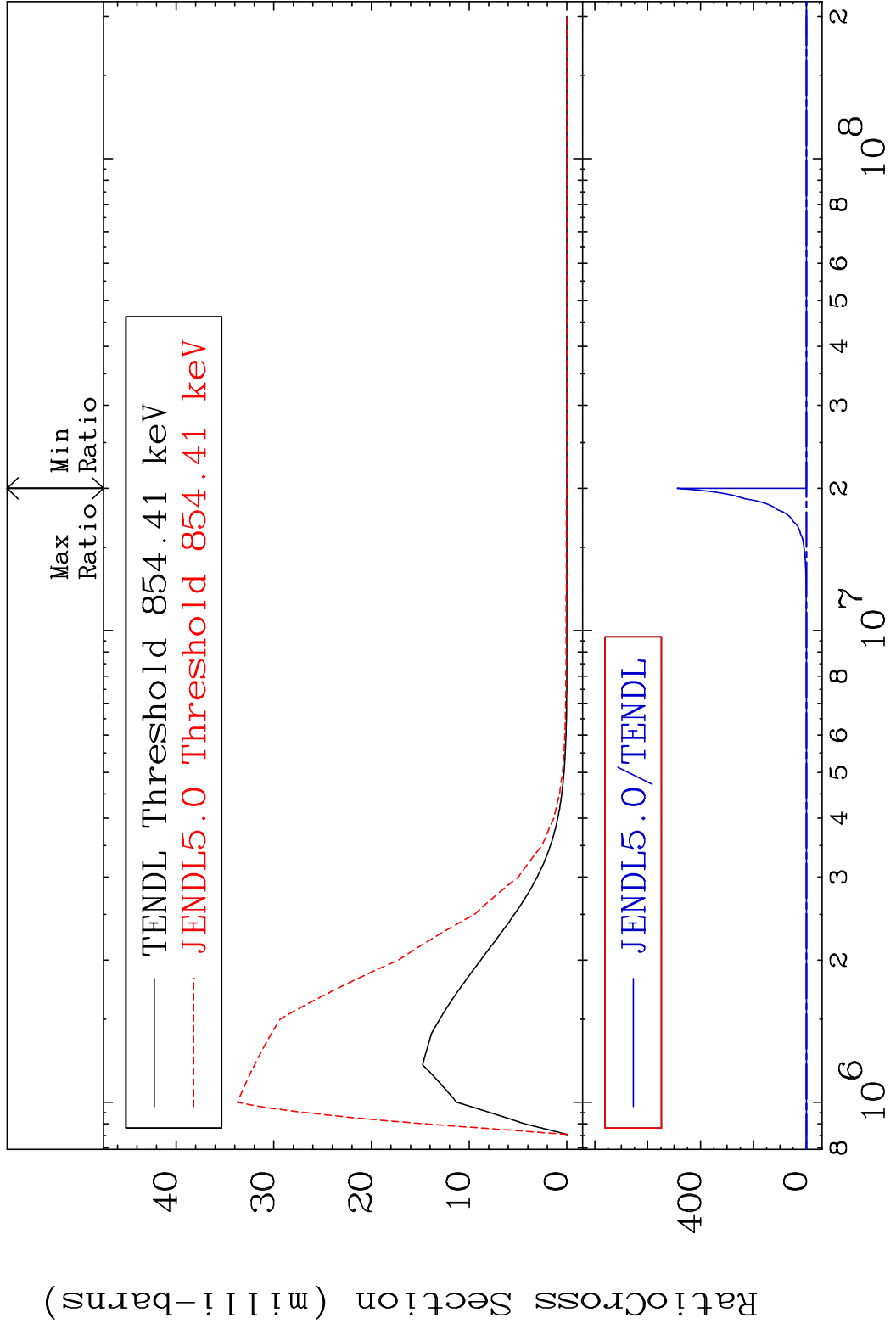
38 Incident Energy (eV) 49-In-114m

MAT 4929 MT= 77 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %



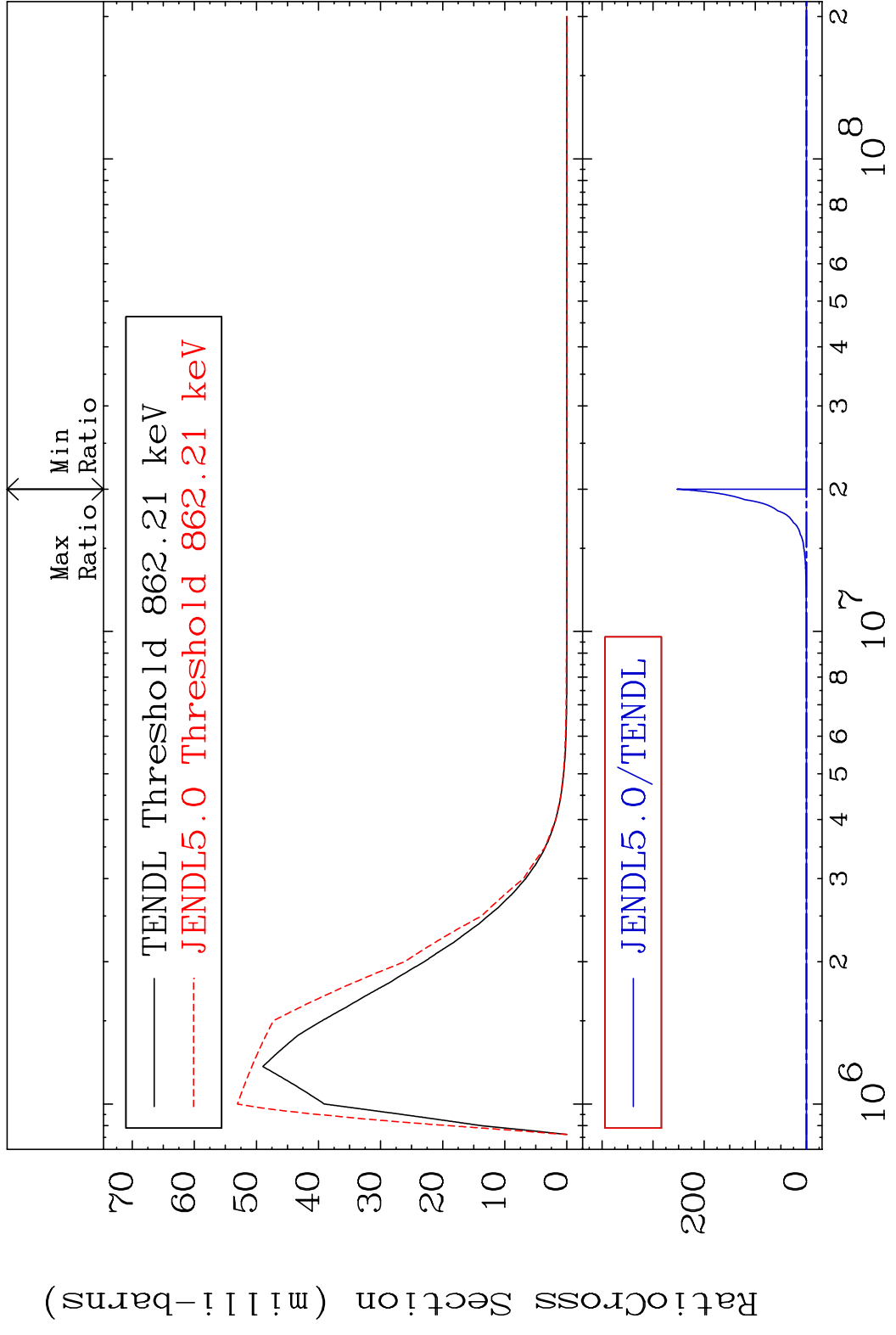
39 Incident Energy (eV) 49-In-114m

MAT 4929 MT= 78 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %



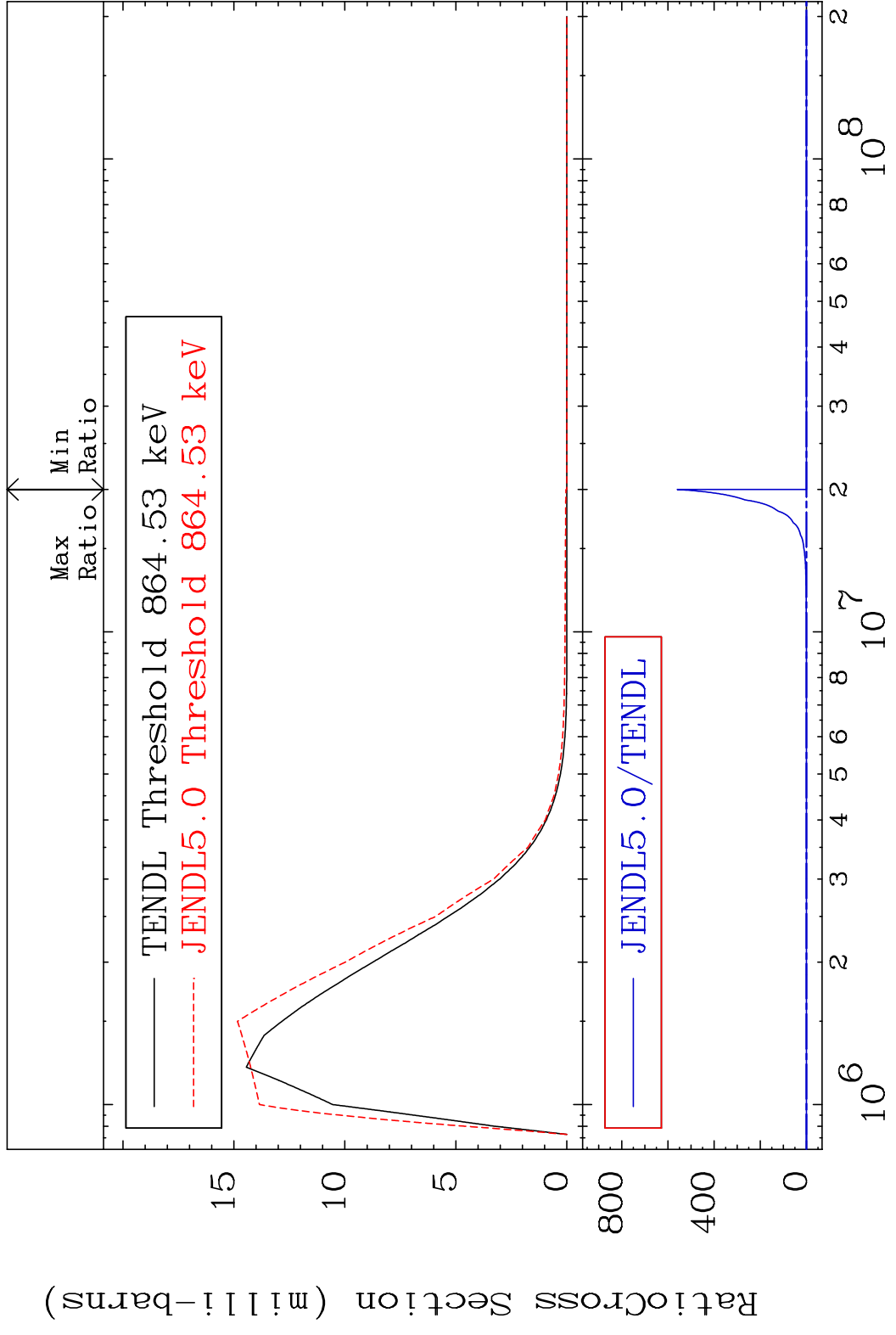
40 Incident Energy (eV) 49-In-114m

MAT 4929 MT= 79 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %



41 Incident Energy (eV) 49-In-114m

MAT 4929 MT= 80 (n, n') Level 49-In-114m
 Cross Section -100.0 To 9999. %



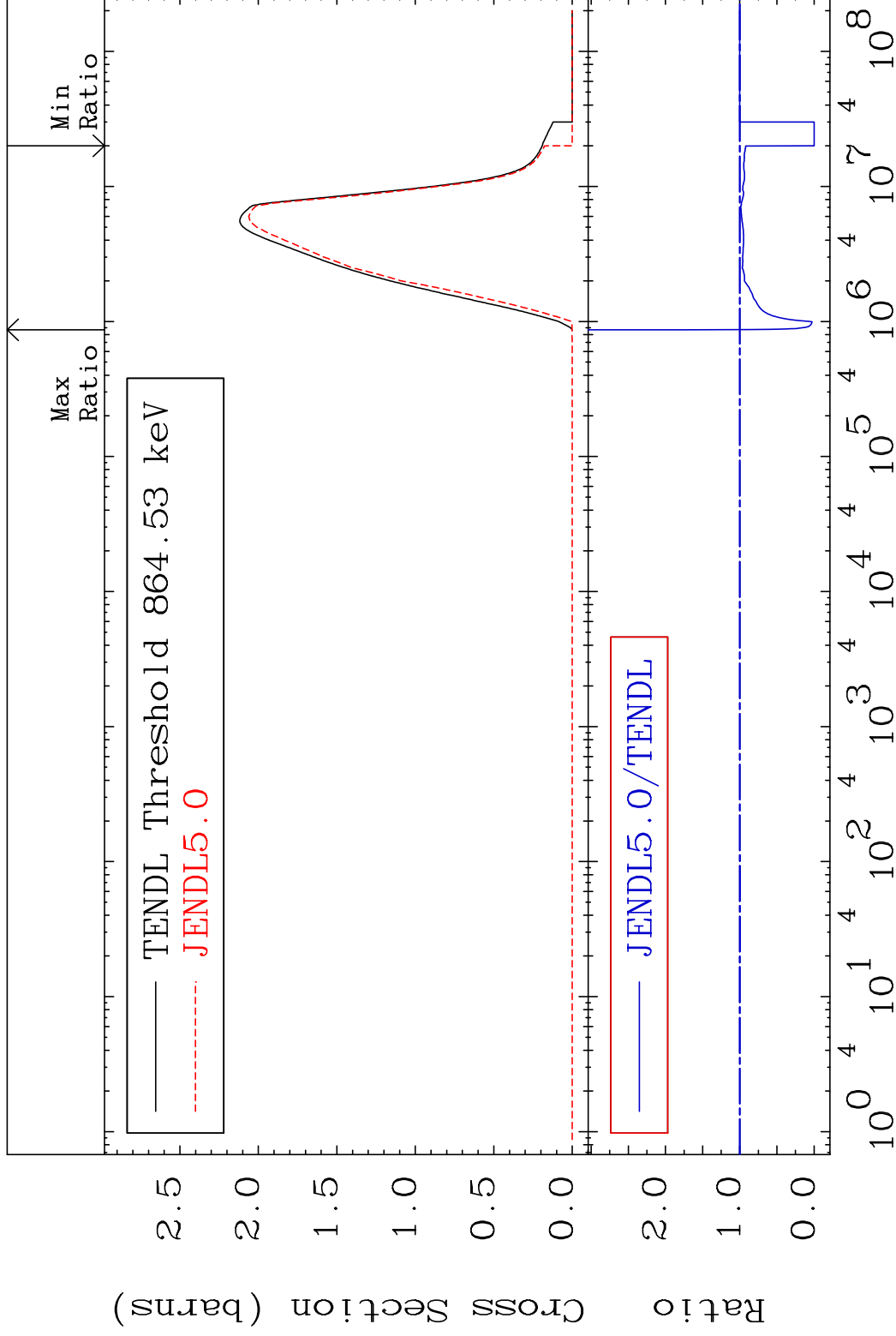
42 Incident Energy (eV) 49-In-114m

MAT 4929

(n, n') Continuum

49-In-114m

Cross Section -100.0 To 75.51 %



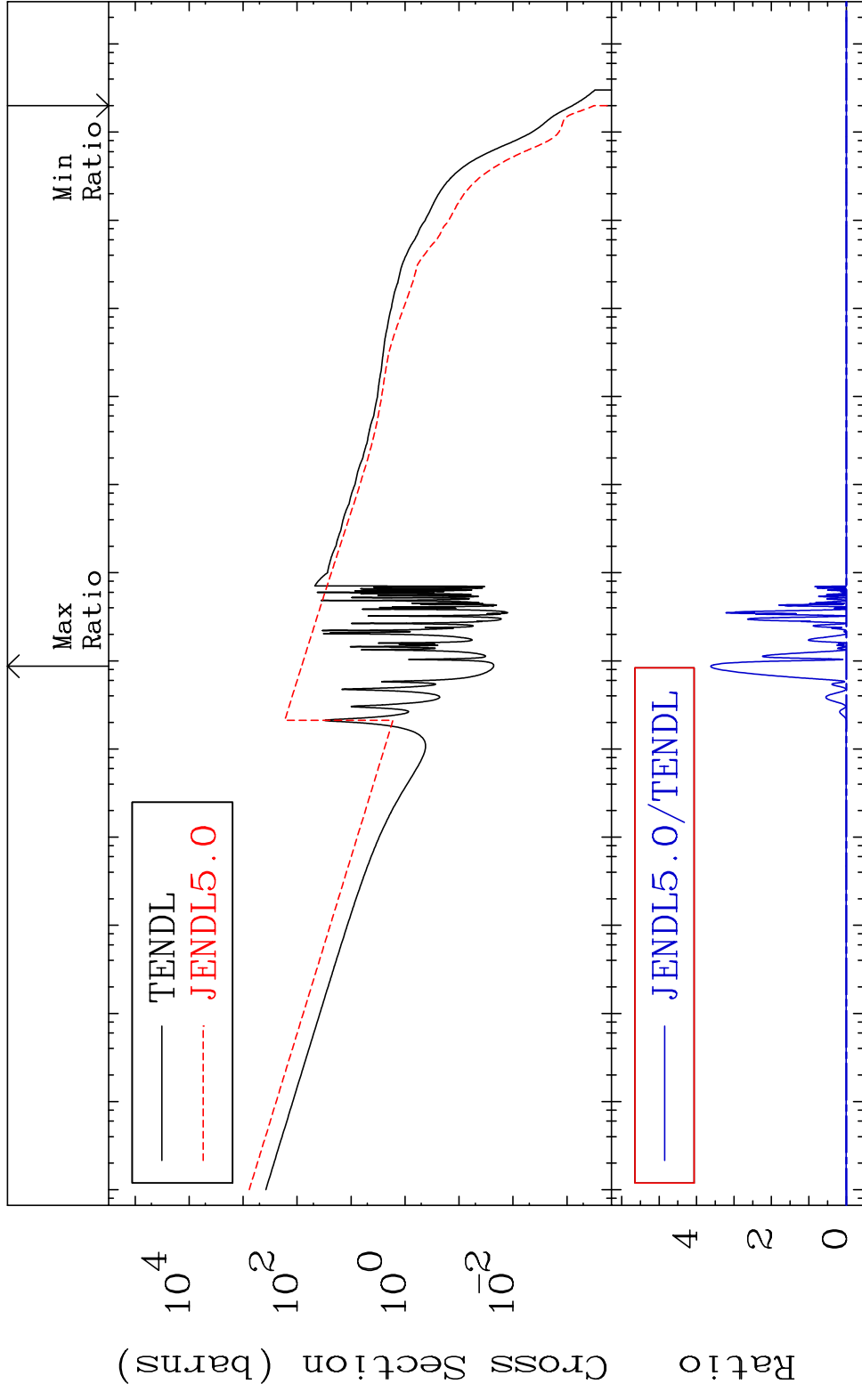
43

Incident Energy (eV)

49-In-114m

MAT 4929

(n, γ)
Cross Section -100.0 To 9999. %
49-In-114m



44

Incident Energy (eV)

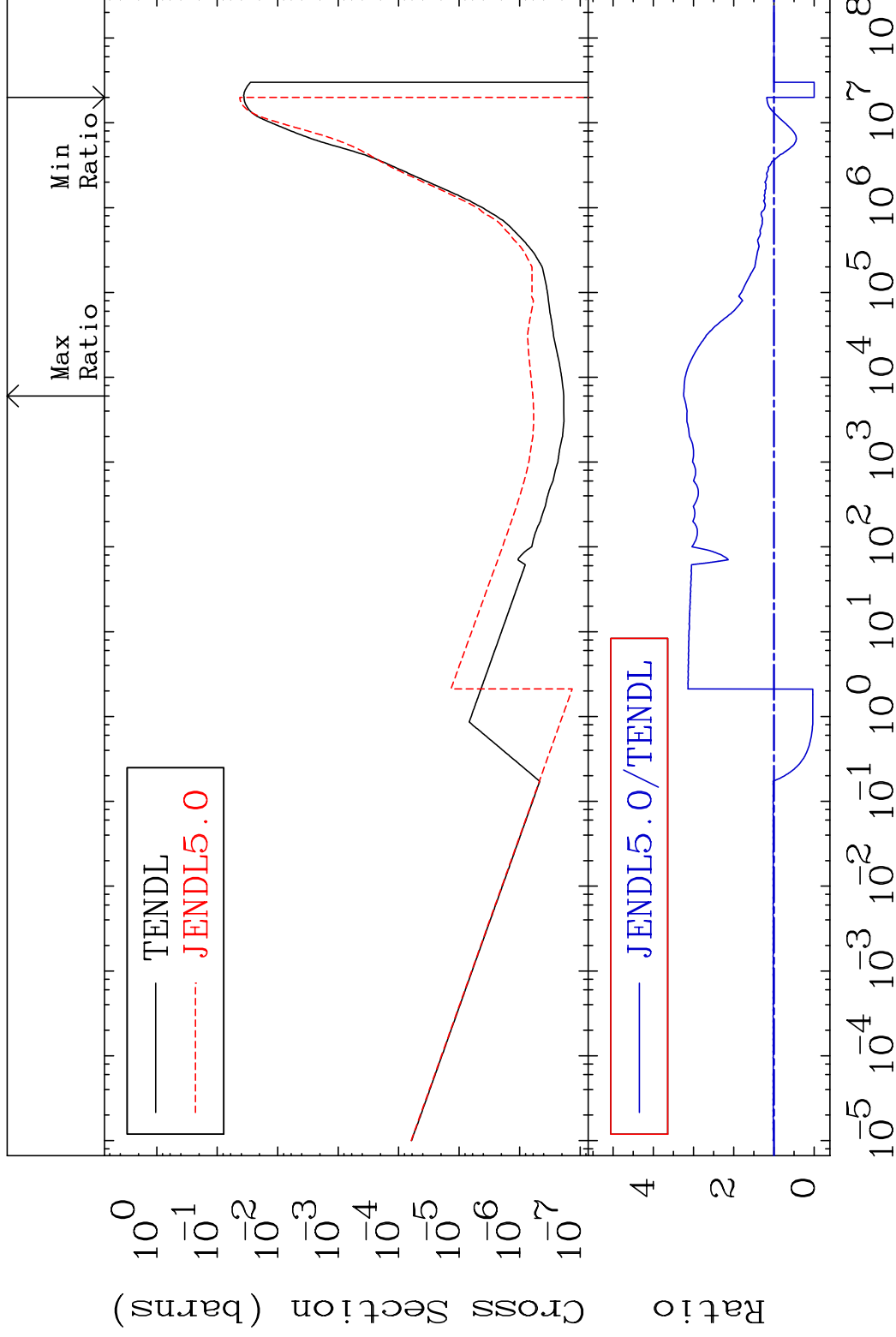
49-In-114m

MAT 4929

(n, p)

49-In-114m

Cross Section -100.0 To 224.4 %



45

Incident Energy (eV)

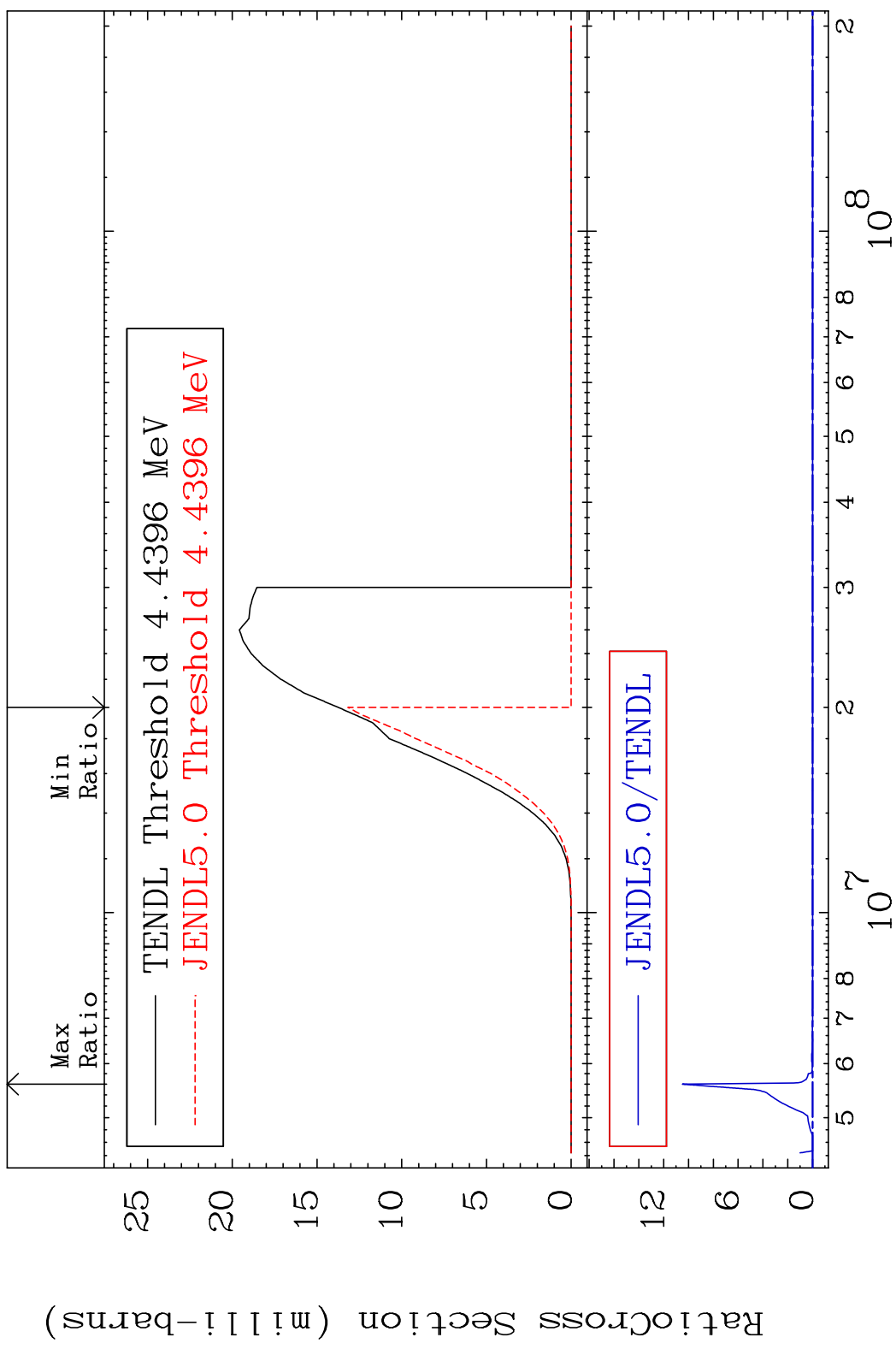
49-In-114m

MAT 4929

(n, d)

49-In-114m

Cross Section -100.0 To 9999. %

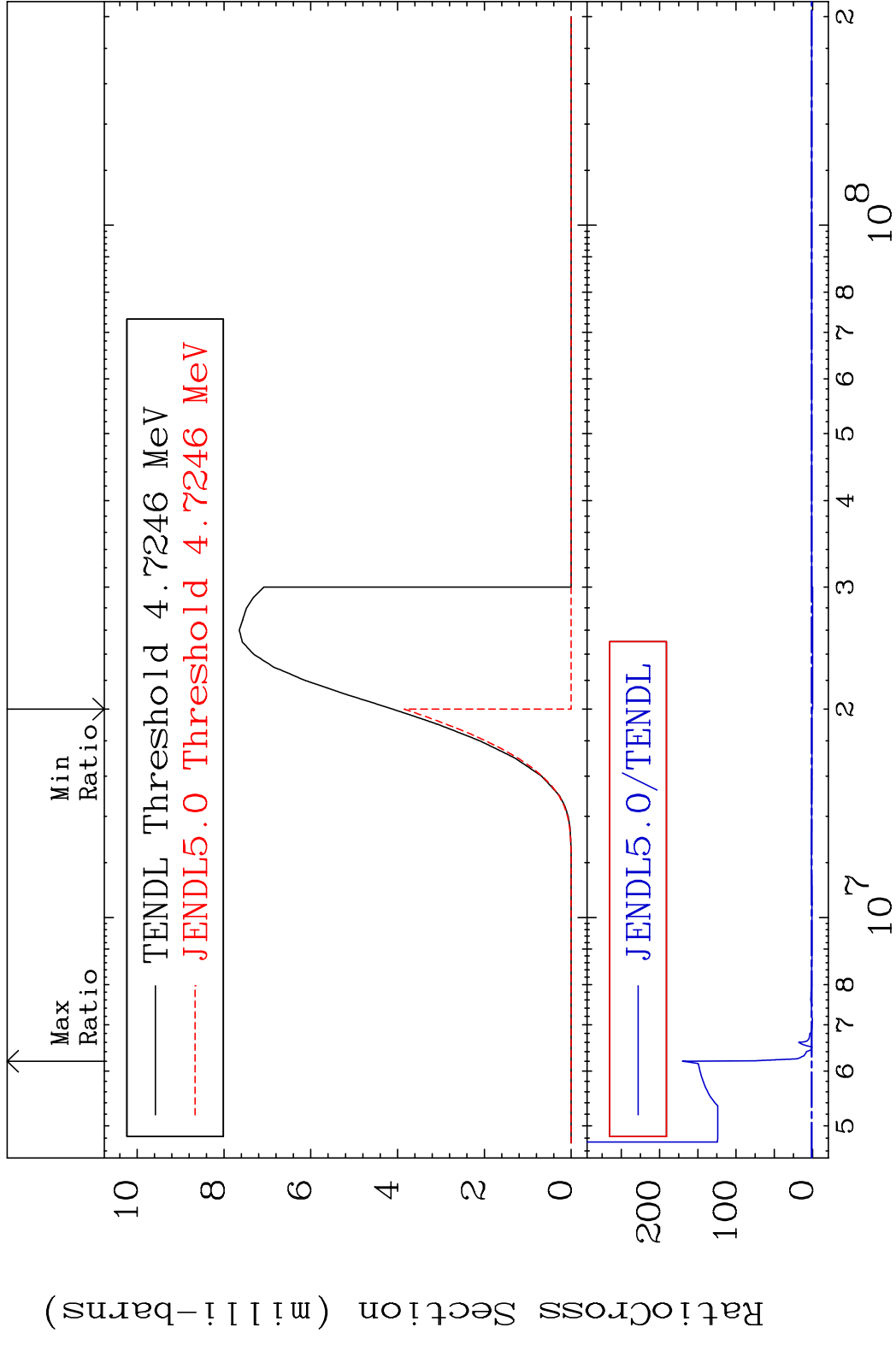


46

Incident Energy (eV)

49-In-114m

MAT 4929 (n, t) 49-In-114m
 Cross Section -100.0 To 9999. %



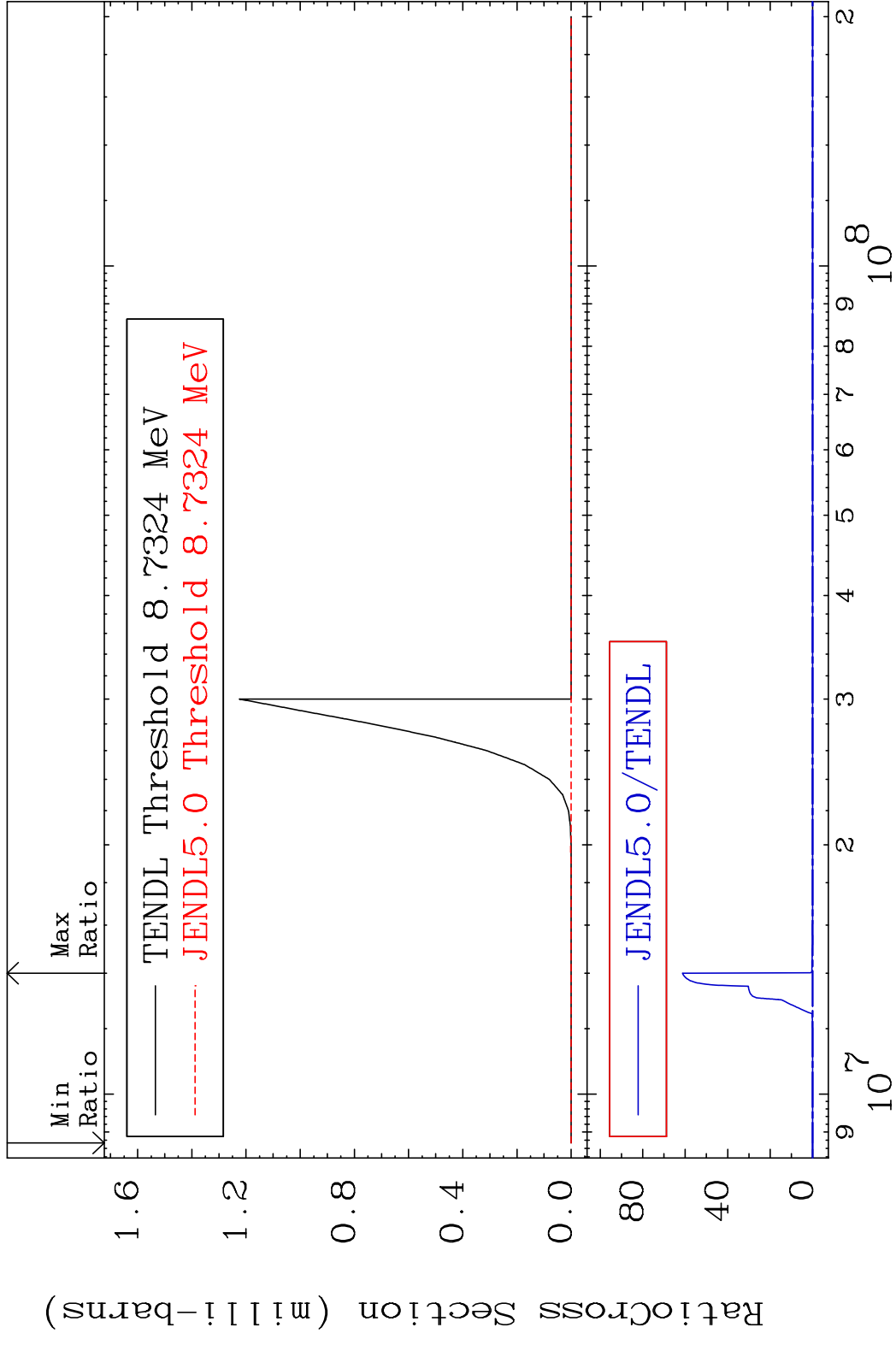
47 49-In-114m

MAT 4929

(n, He-3)

49-In-114m

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

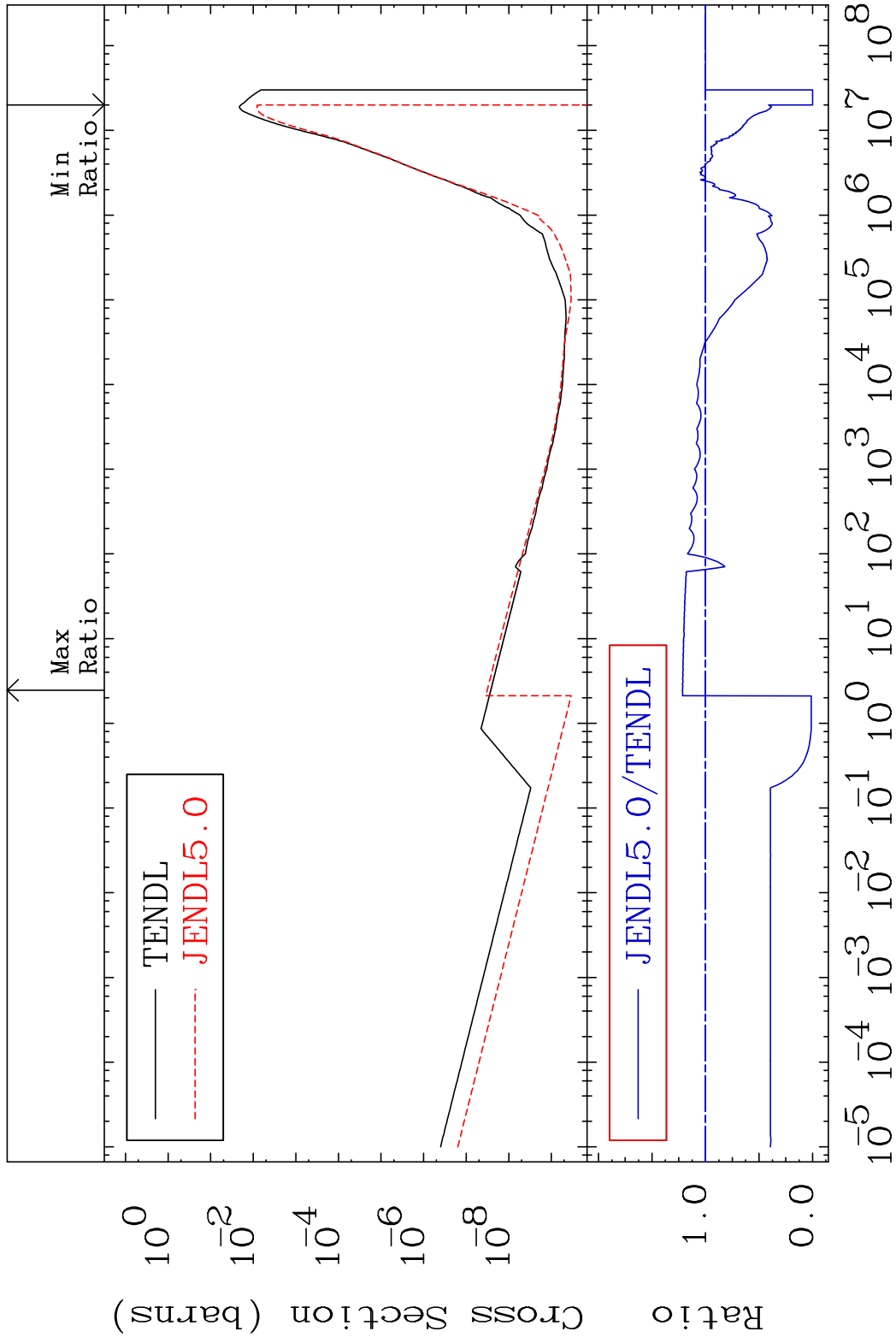
49-In-114m

MAT 4929

(n, α)

49-In-114m

Cross Section -100.0 To 21.62 %



49

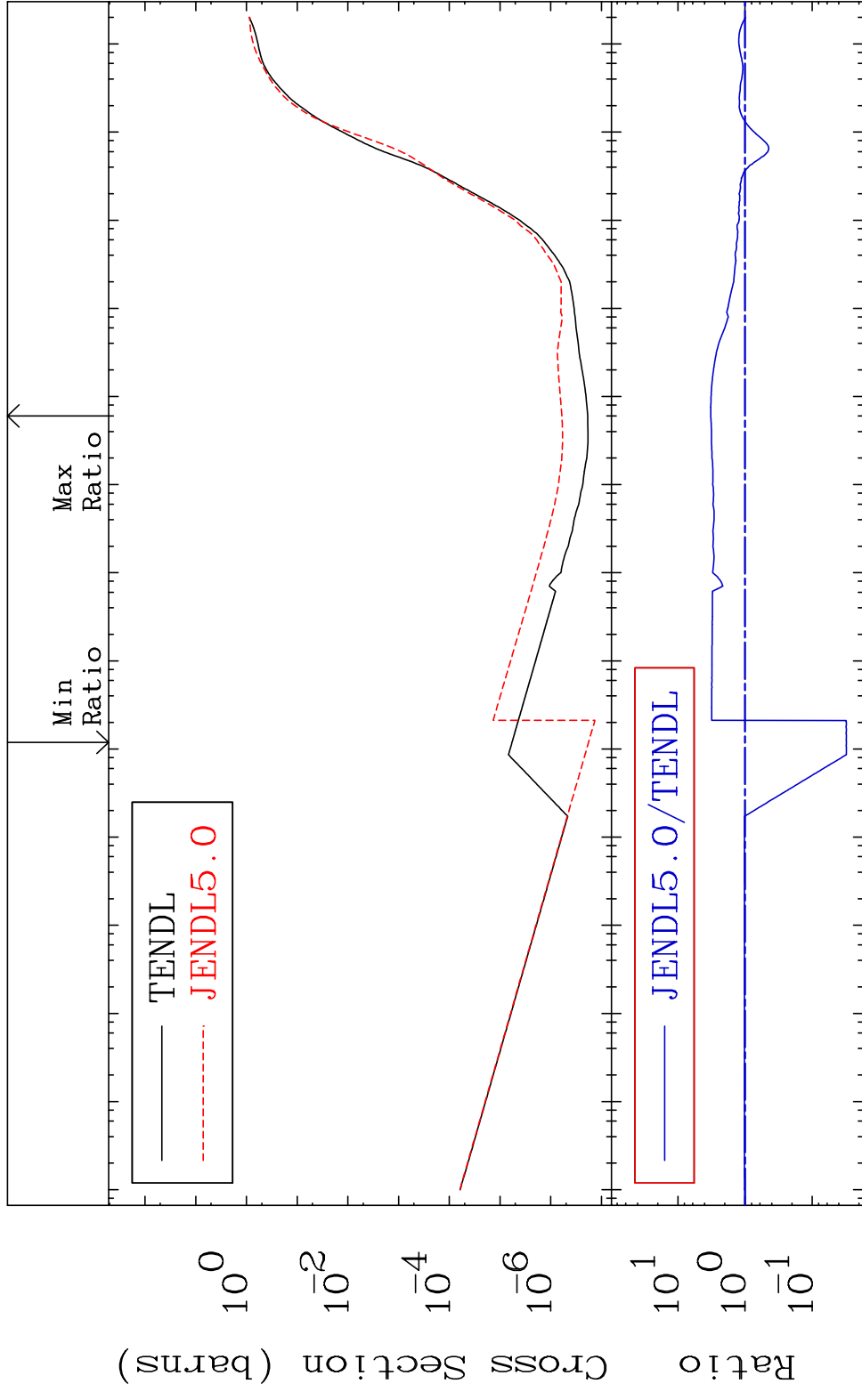
Incident Energy (eV)

49-In-114m

MAT 4929

Hydrogen Production
Cross Section -96.90 To 224.4 %

49-In-114m



50

Incident Energy (eV)

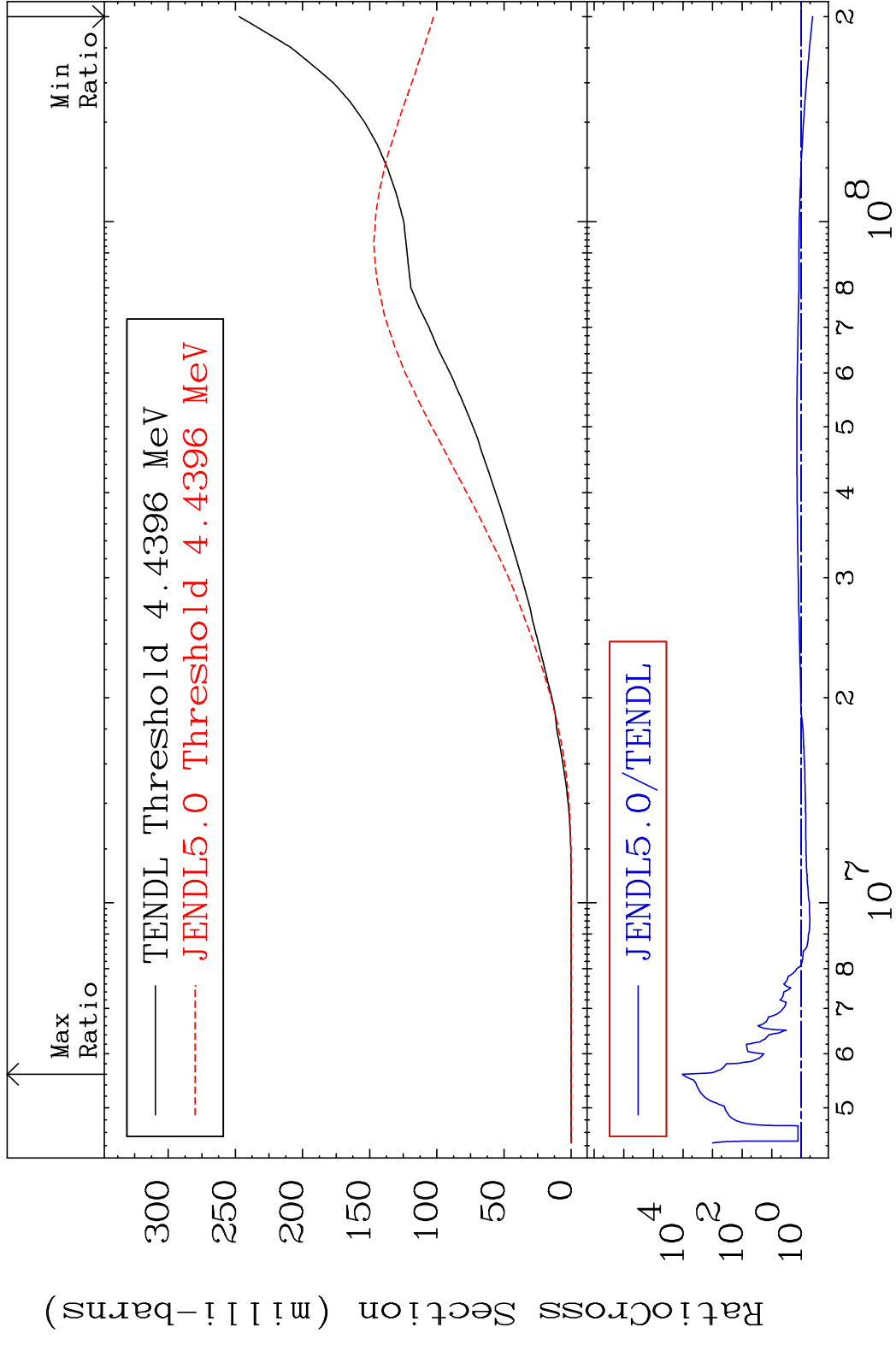
49-In-114m

MAT 4929

Deuterium Production

49-In-114m

Cross Section -58.44 To 9999. %

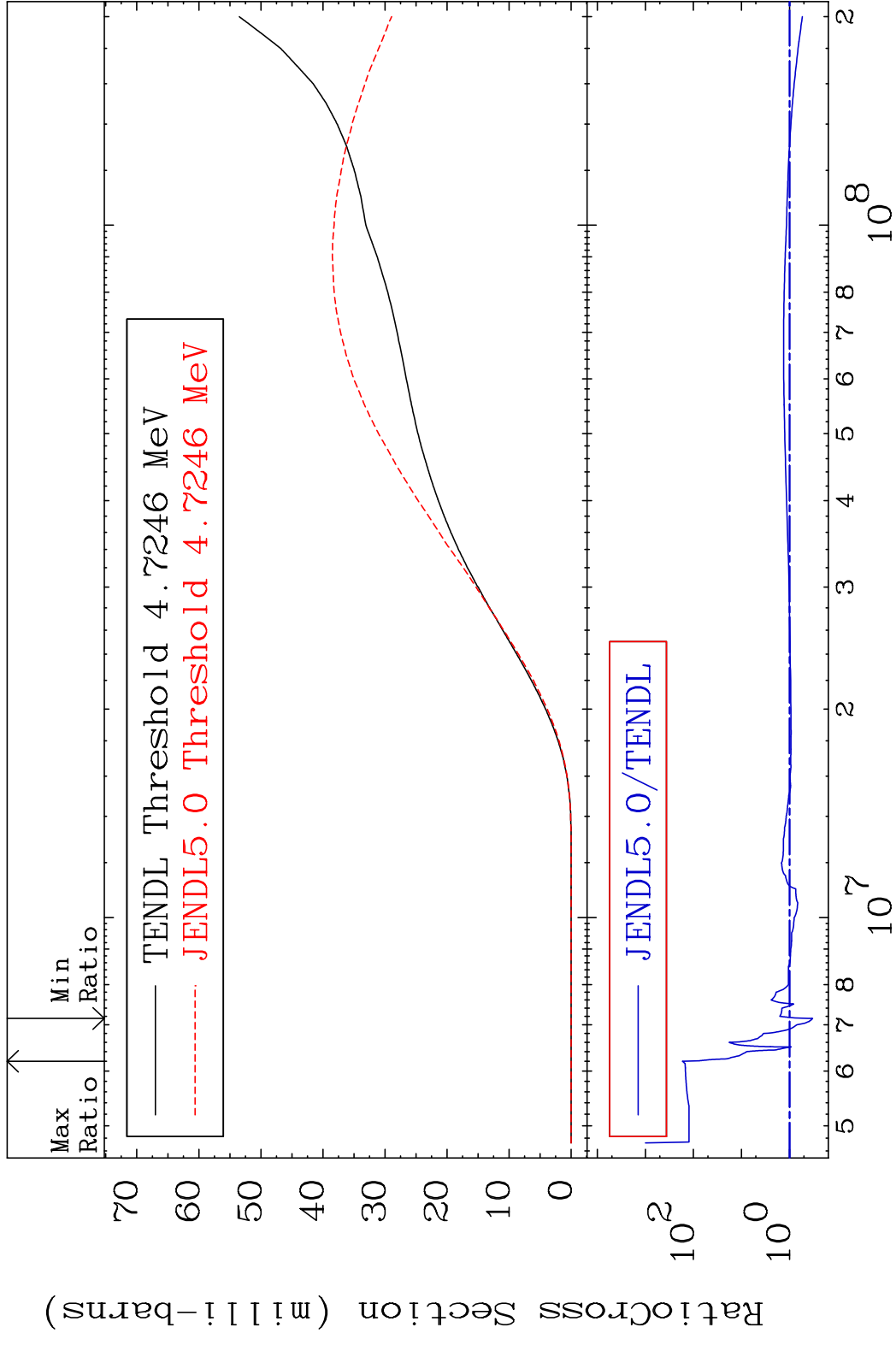


MAT 4929

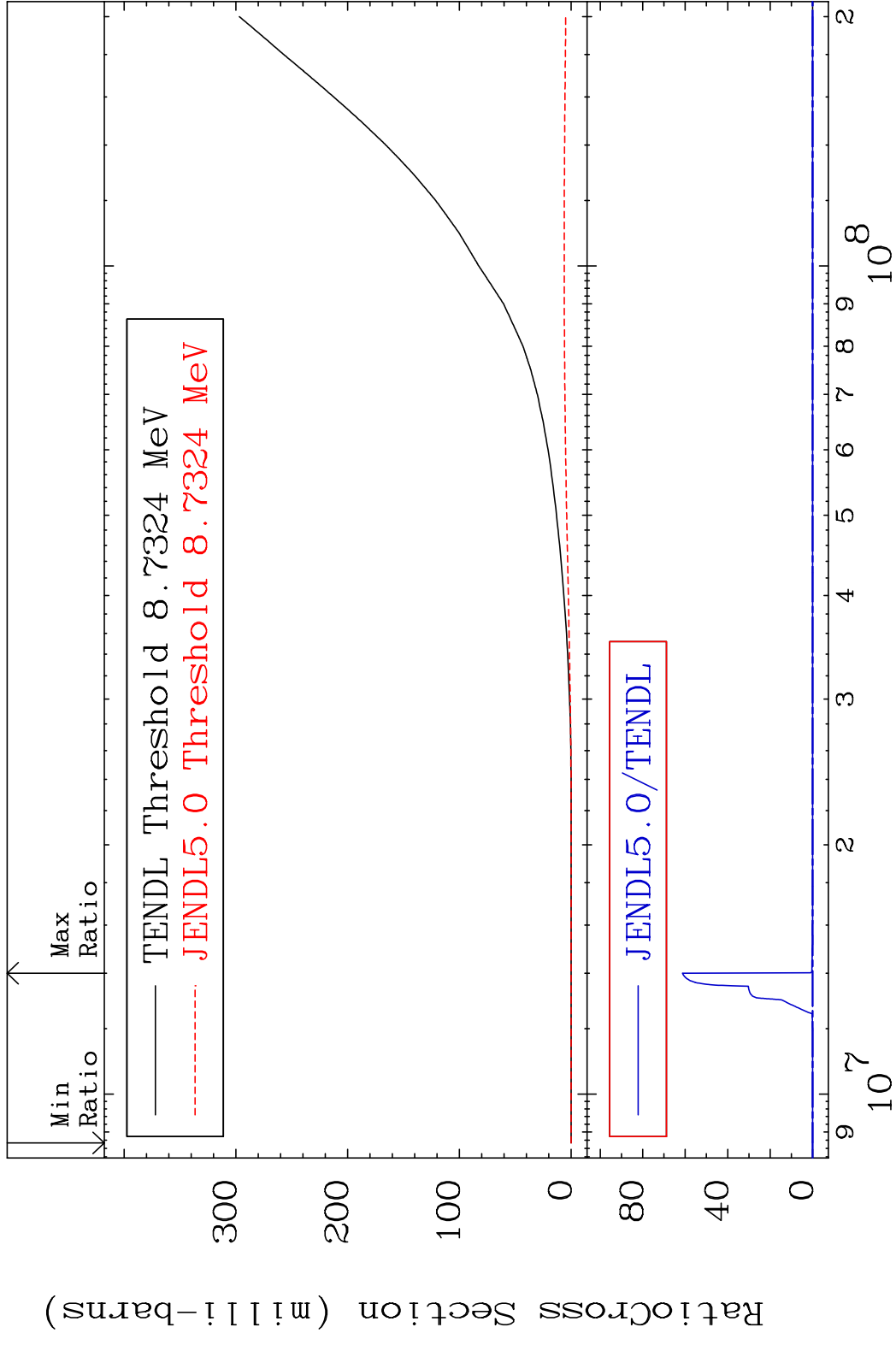
Tritium Production

49-In-114m

Cross Section -66.90 To 9999. %



MAT 4929 He-3 Production 49-In-114m
 Cross Section -100.0 To 9999. %



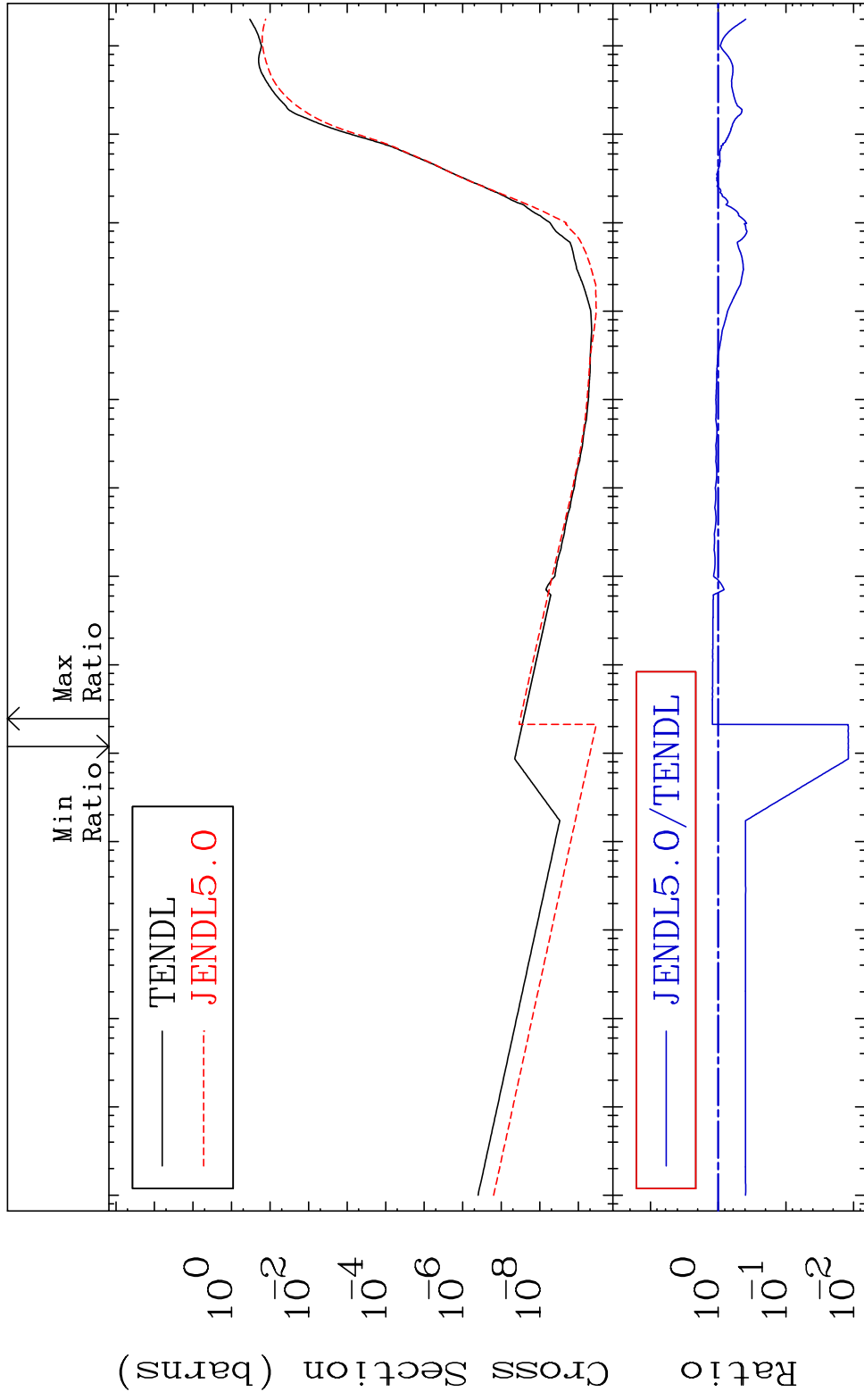
53 Incident Energy (eV) 49-In-114m

MAT 4929

He-4 Production

49-In-114m

Cross Section -98.80 To 21.62 %

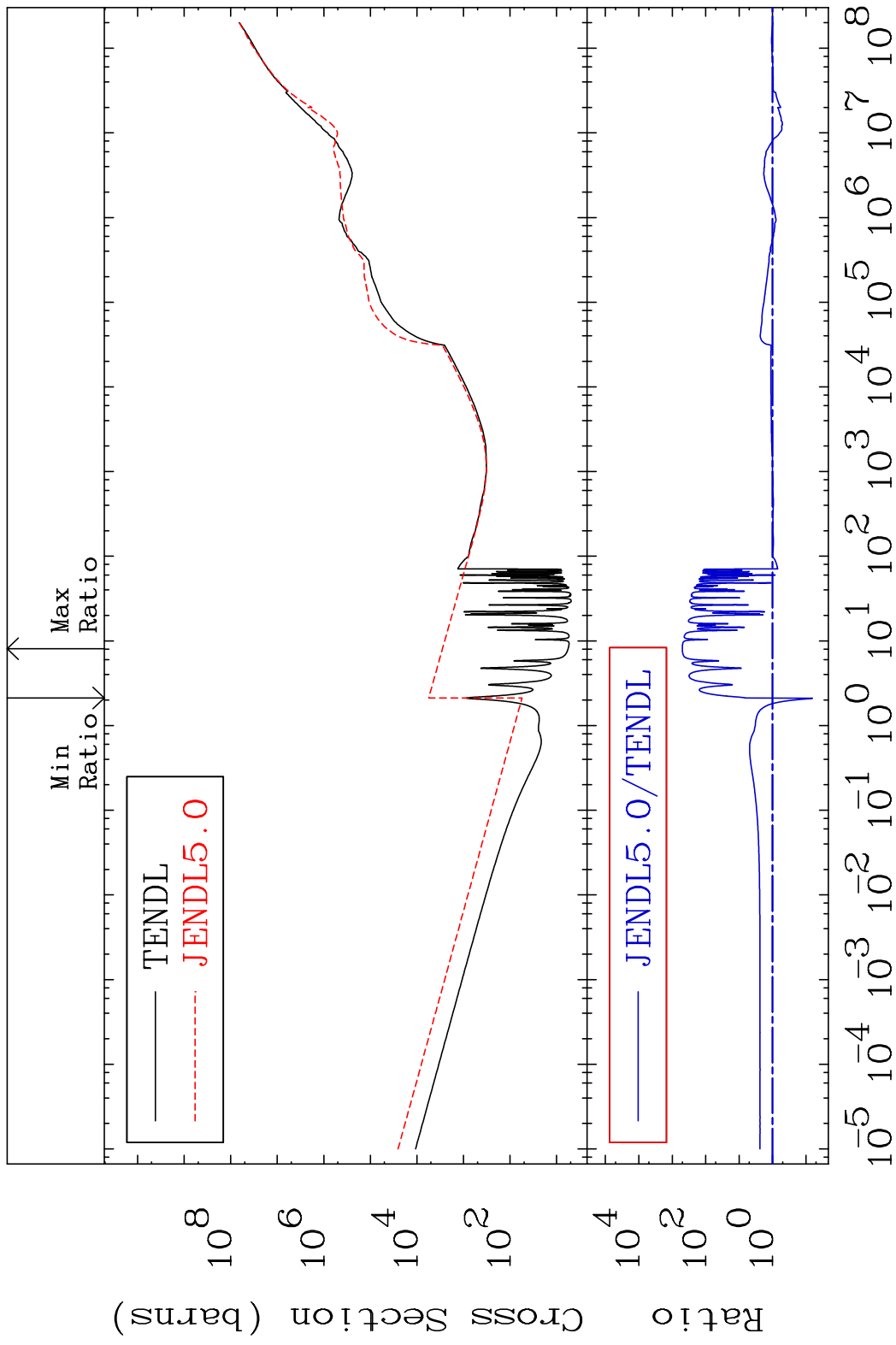


54

Incident Energy (eV)

49-In-114m

MAT 4929 Kerma total (eV-barns) 49-In-114m
 Cross Section -93.63 To 9999. %

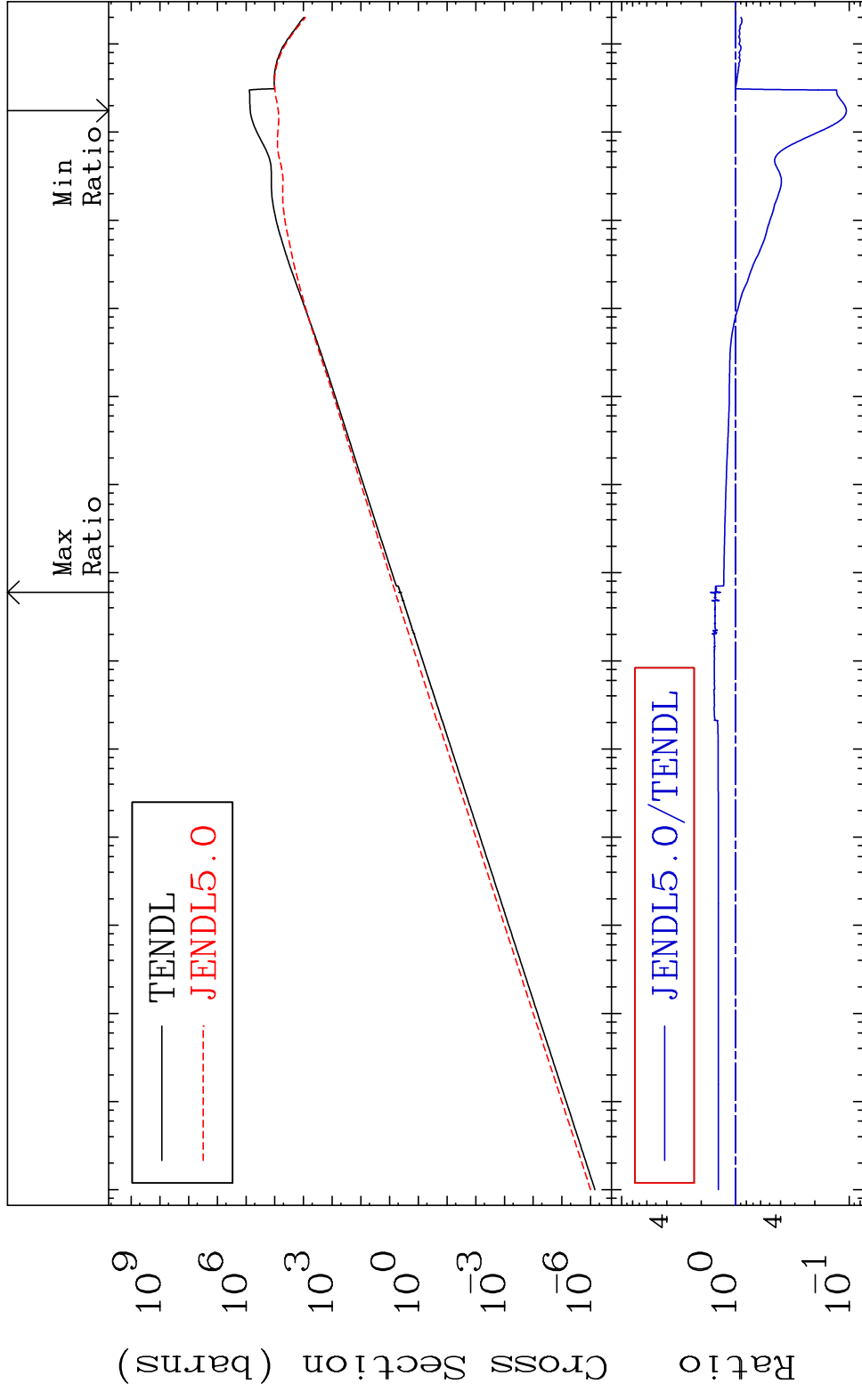


55 Incident Energy (eV) 49-In-114m

MAT 4929

Kerma elastic
Cross Section

49-In-114m
-89.42 To 64.82 %

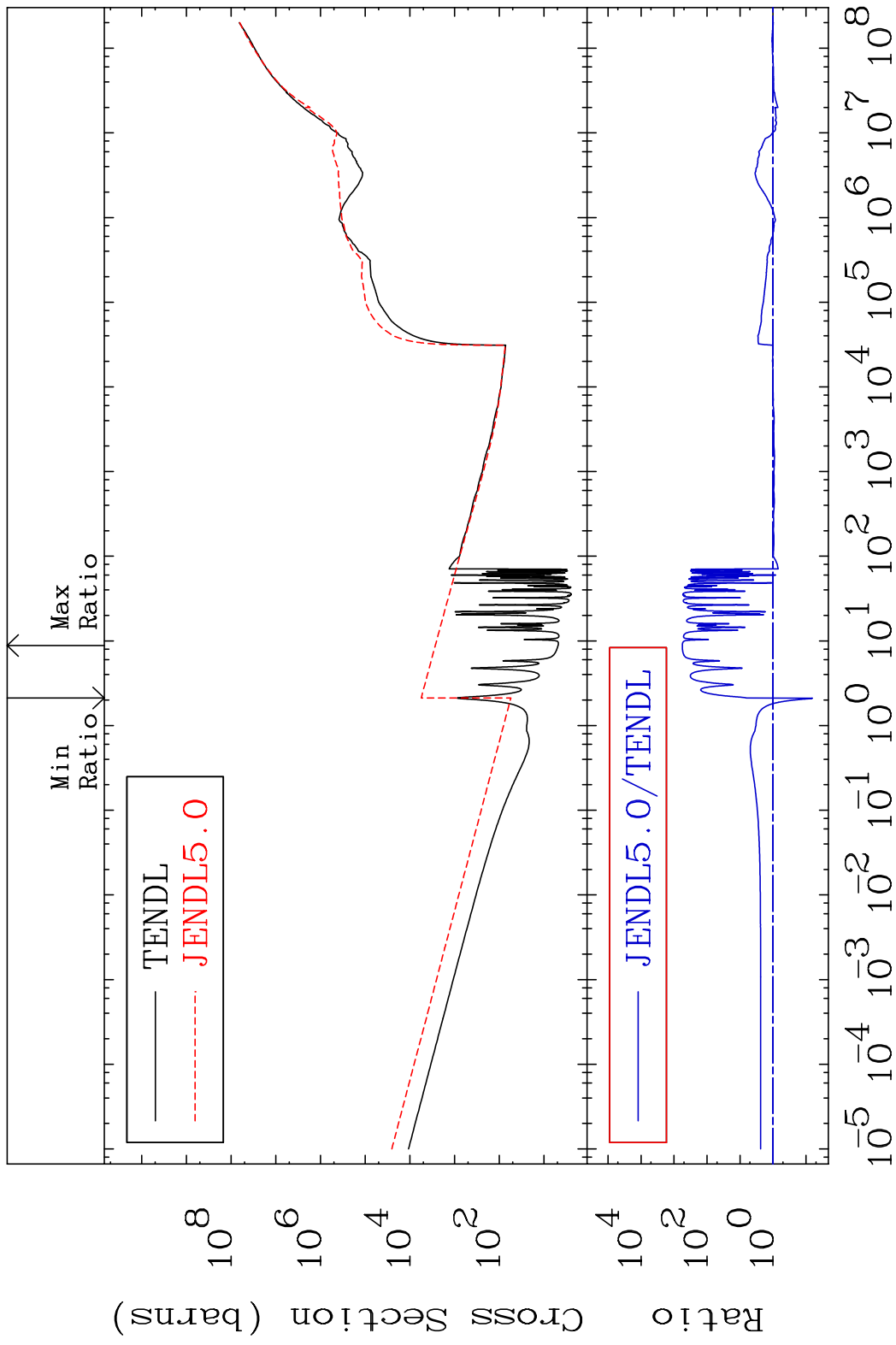


56

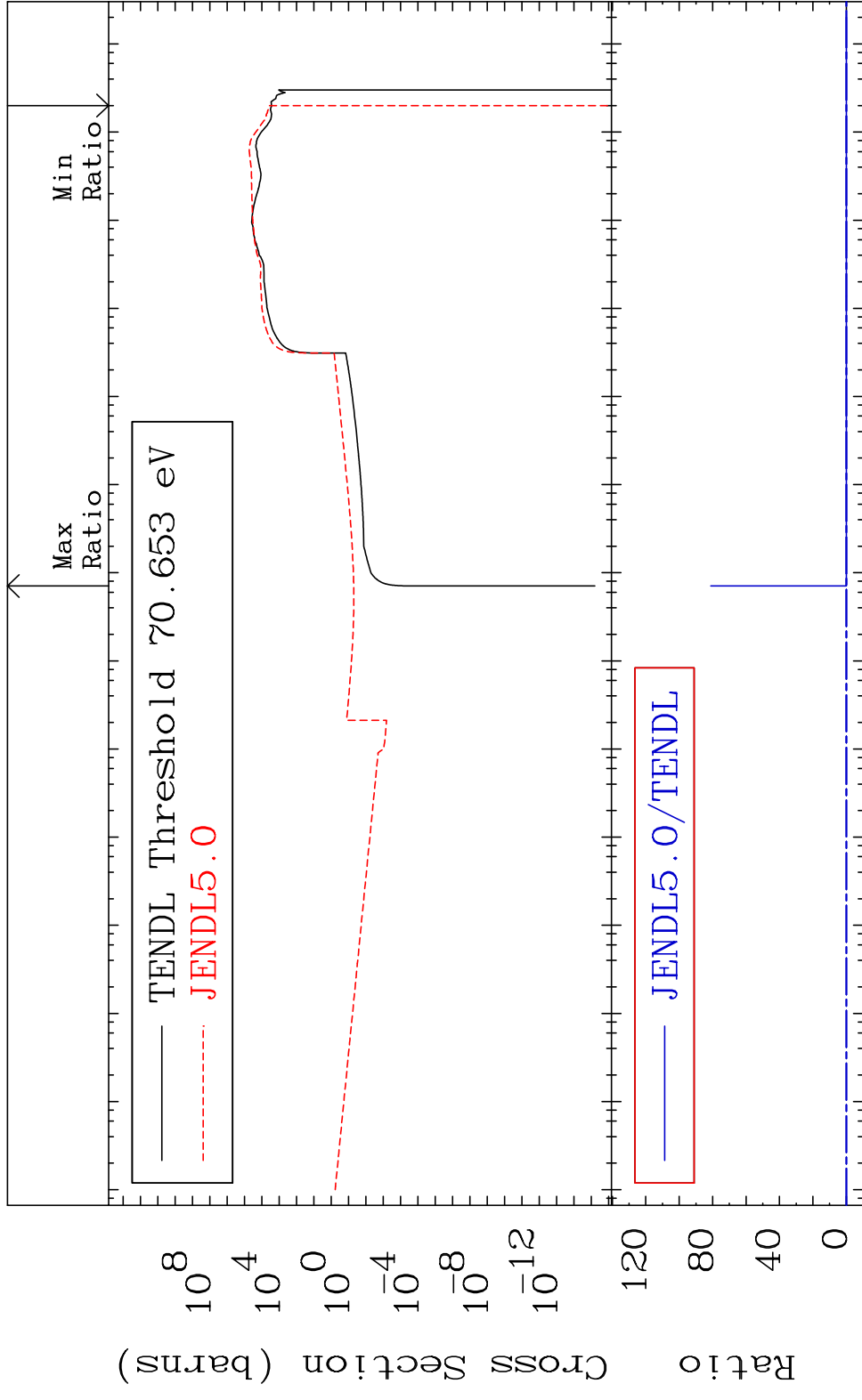
Incident Energy (eV)

49-In-114m

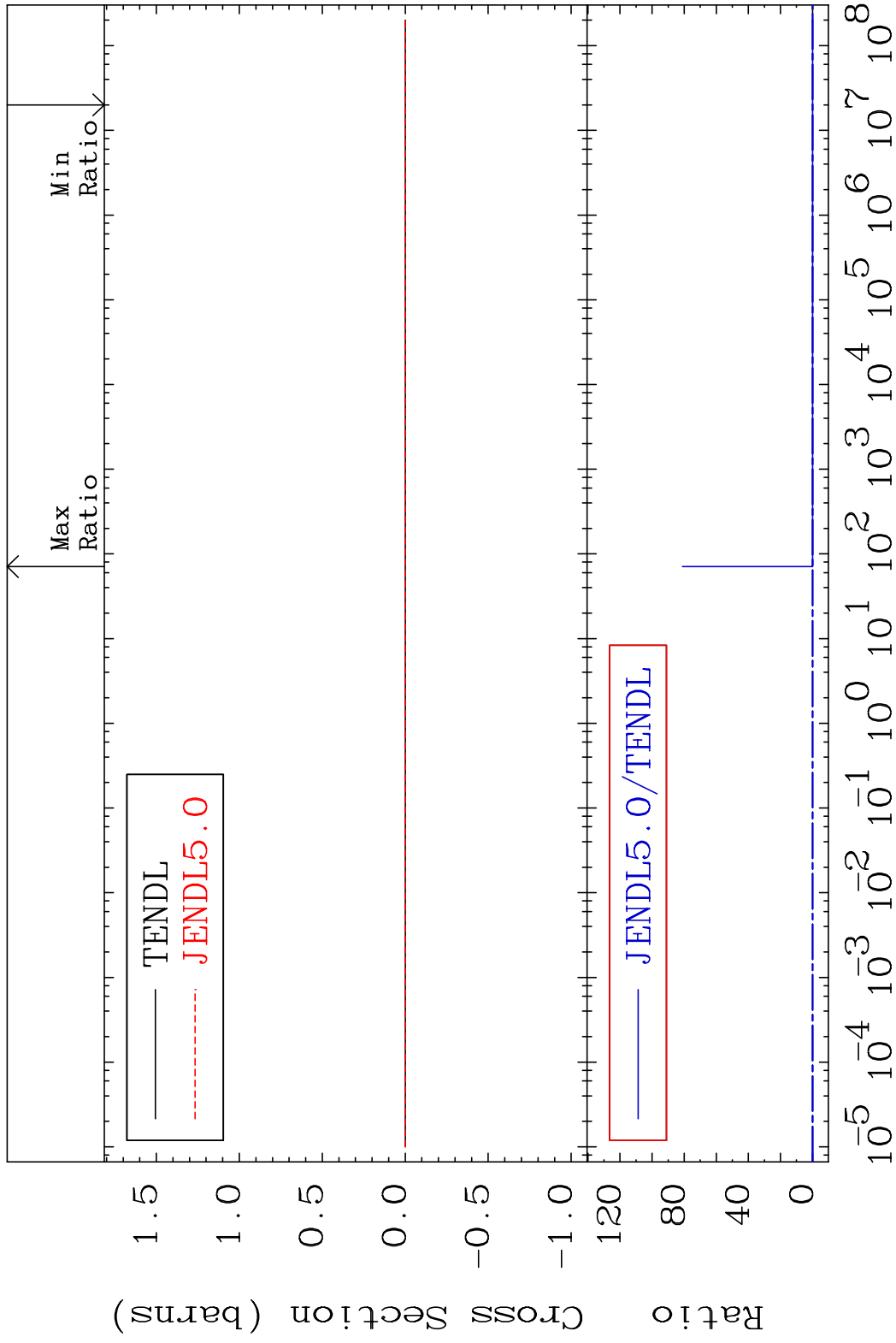
MAT 4929 Kerma non-elastic (all but mt2) 49-In-114m
 Cross Section -93.66 To 9999. %



MAT 4929 Kerma inelastic (mt51-91) 49-In-114m
 Cross Section -100.0 To 9999. %

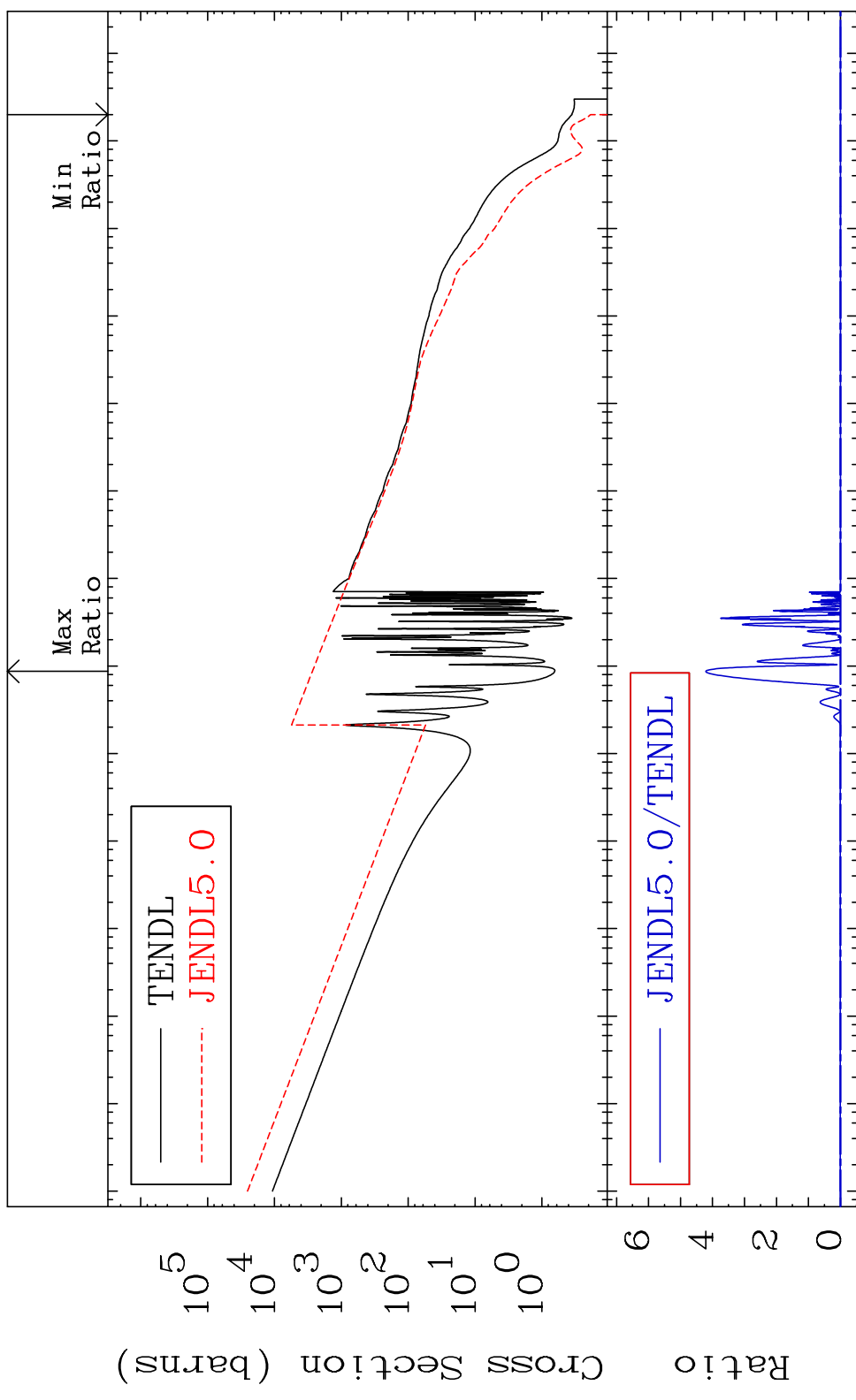


MAT 4929 Kerma fission (mt18 or mt19-20-21-38) - In-114m
 Cross Section -100.0 To 9999. %



MAT 4929

Kerma capture (mt102) 49-In-114m
Cross Section -100.0 To 9999. %

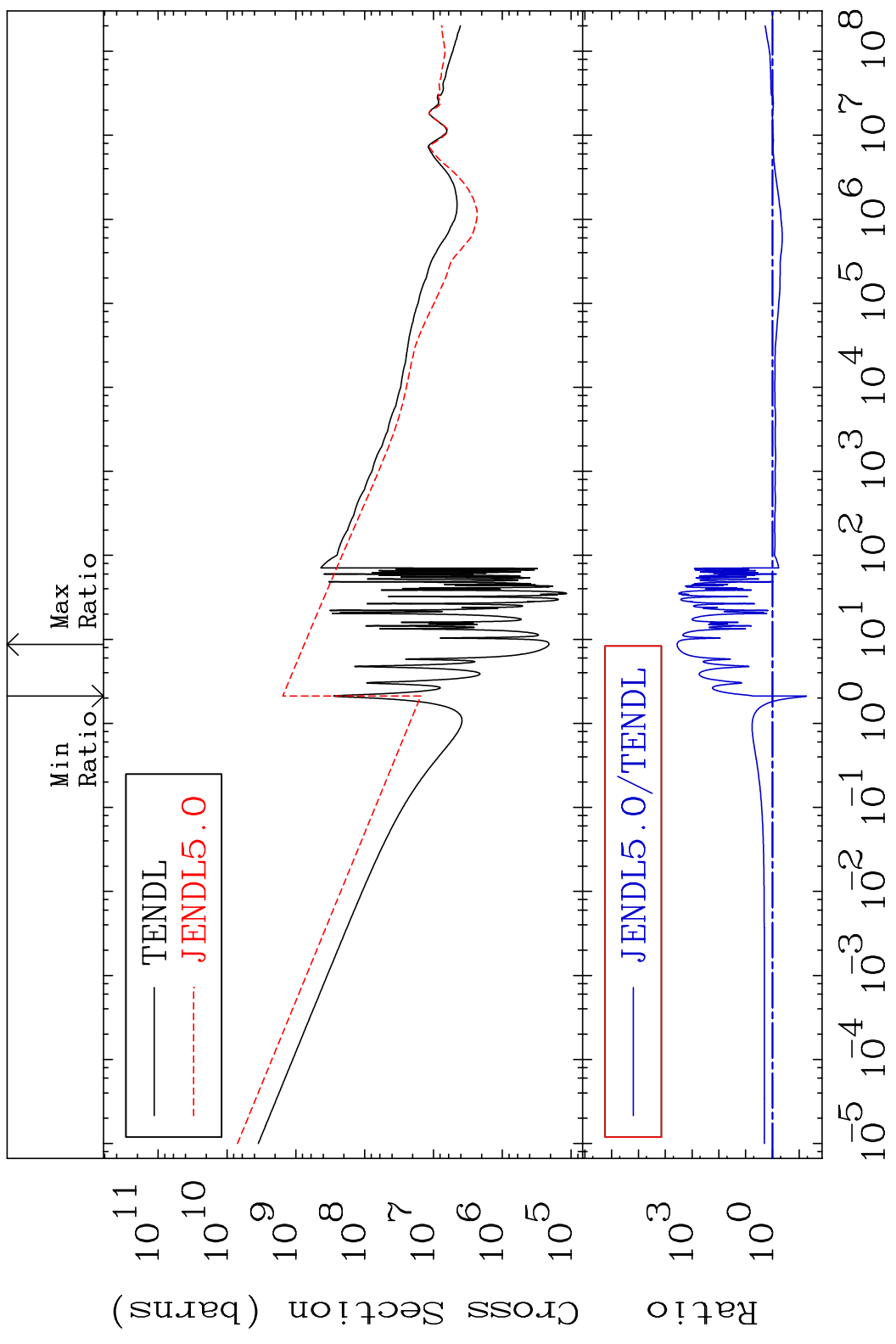


60

Incident Energy (eV) 49-In-114m

MAT 4929

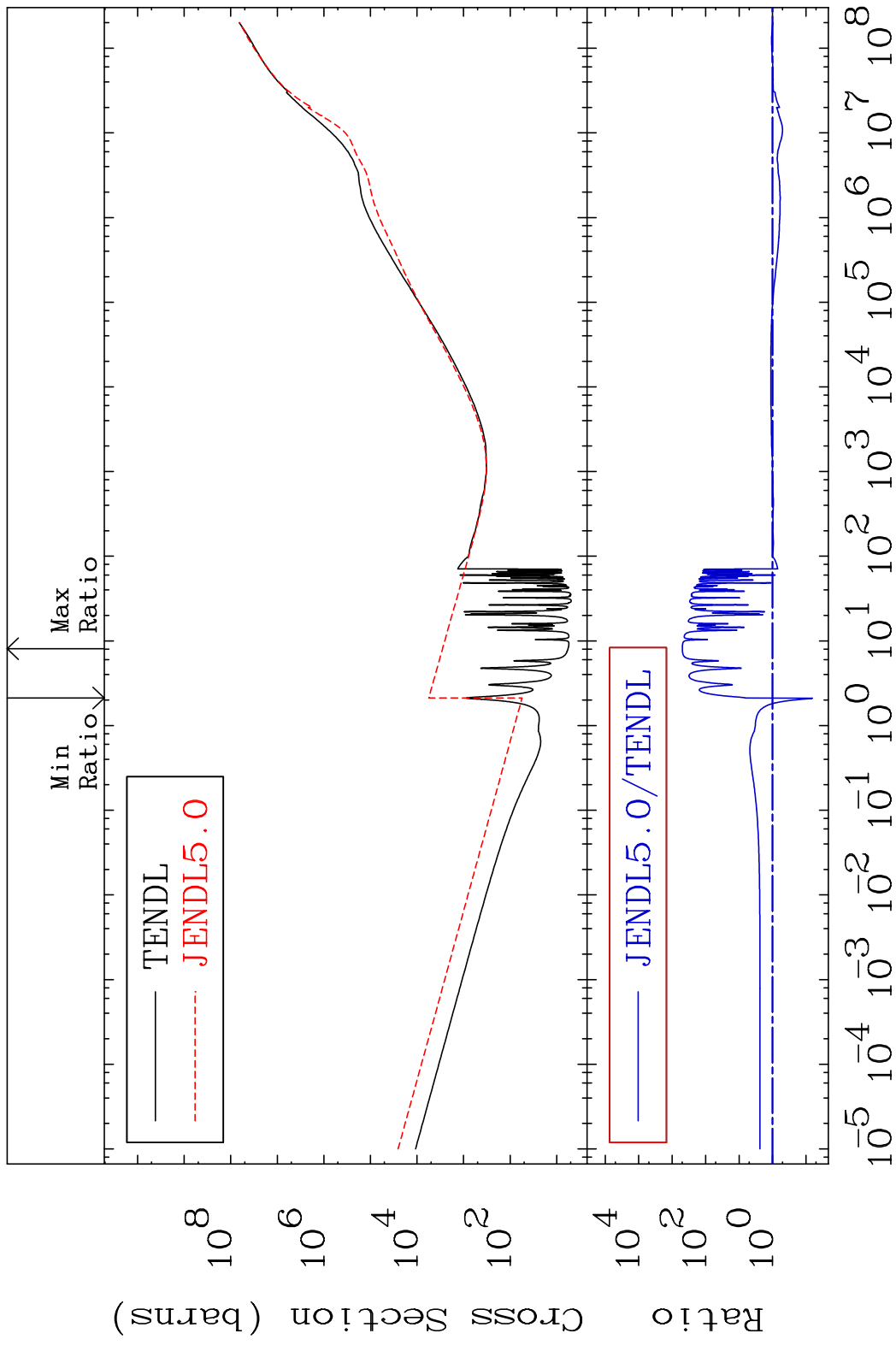
Total photon (eV-barns) 49-In-114m
Cross Section -94.58 To 9999. %



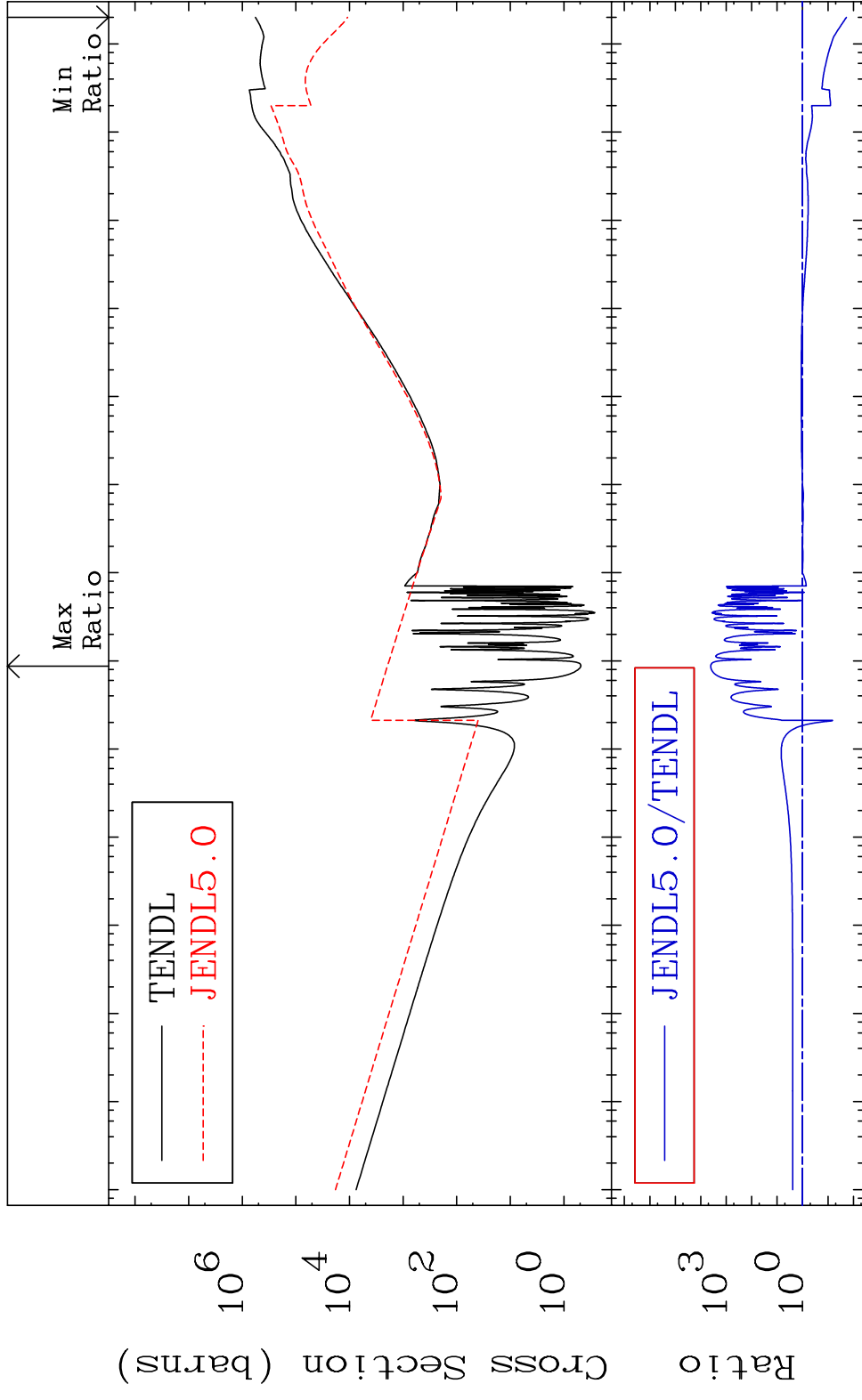
61

Incident Energy (eV) 49-In-114m

MAT 4929 Total kinematic kerma (high limit)49-In-114m
 Cross Section -93.63 To 9999. %



MAT 4929 Dpa total (eV-barns) 49-In-114m
 Cross Section -98.10 To 9999. %

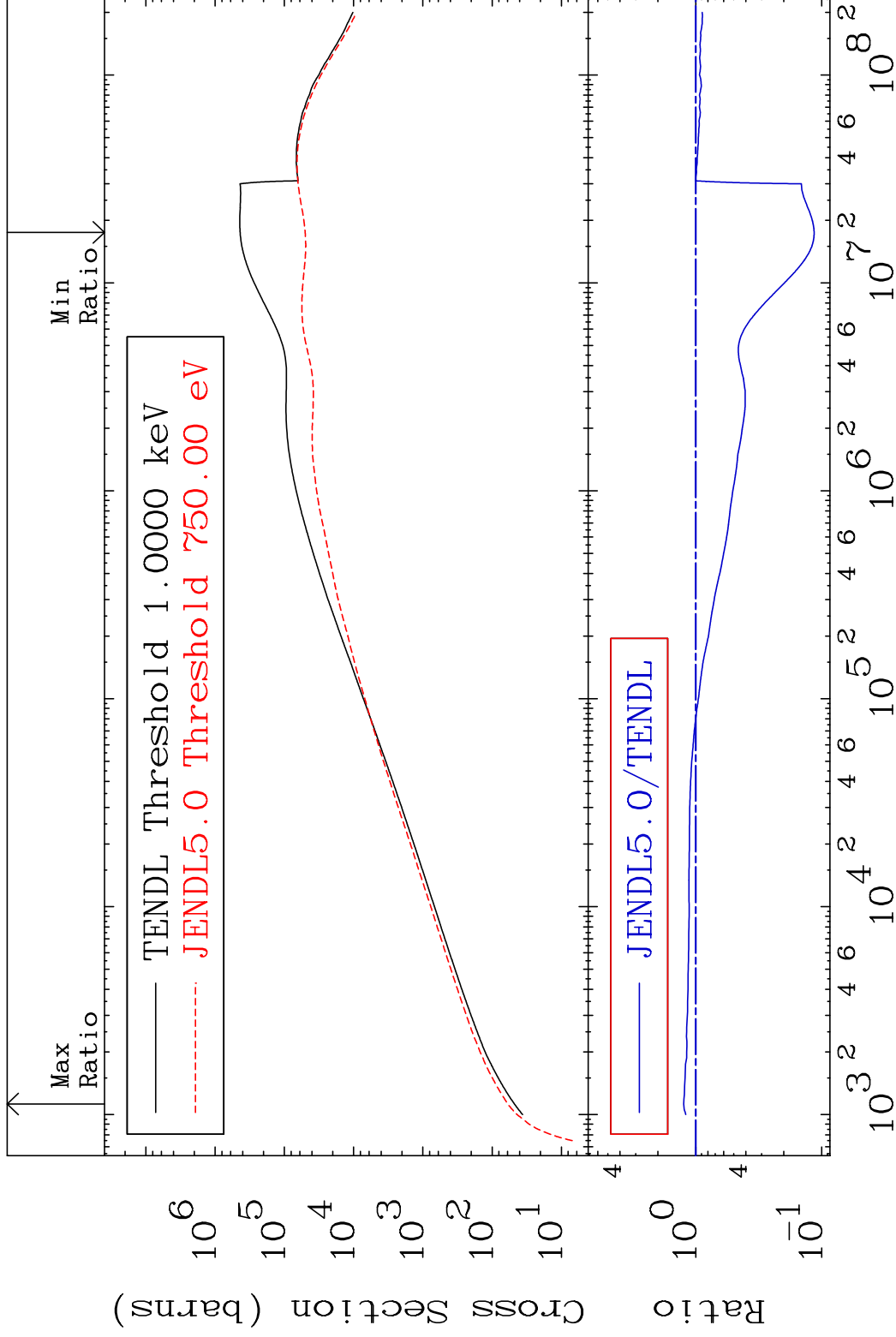


MAT 4929

Dpa elastic (mt2)

49-In-114m

Cross Section -88.51 To 24.79 %



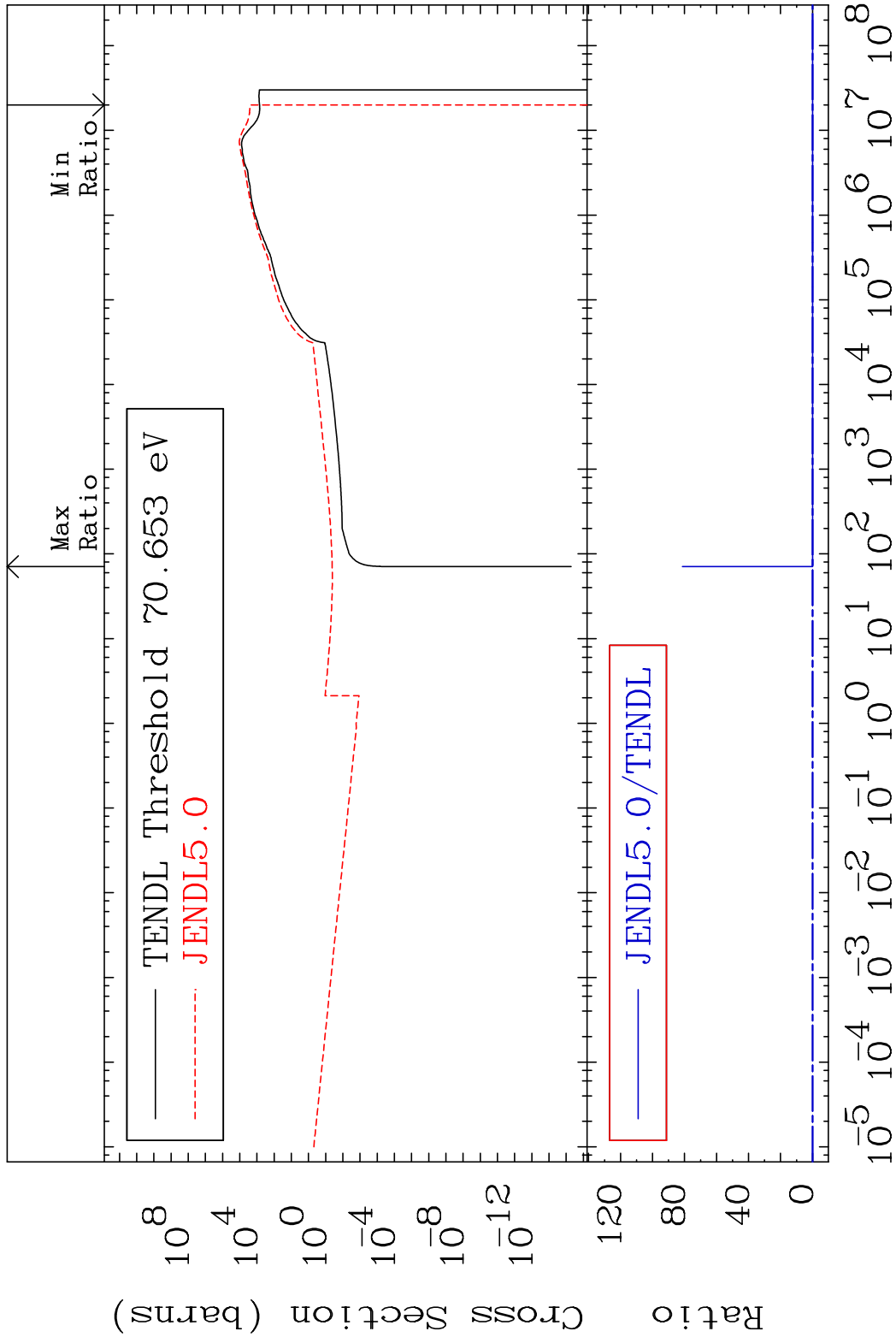
64

Incident Energy (eV)

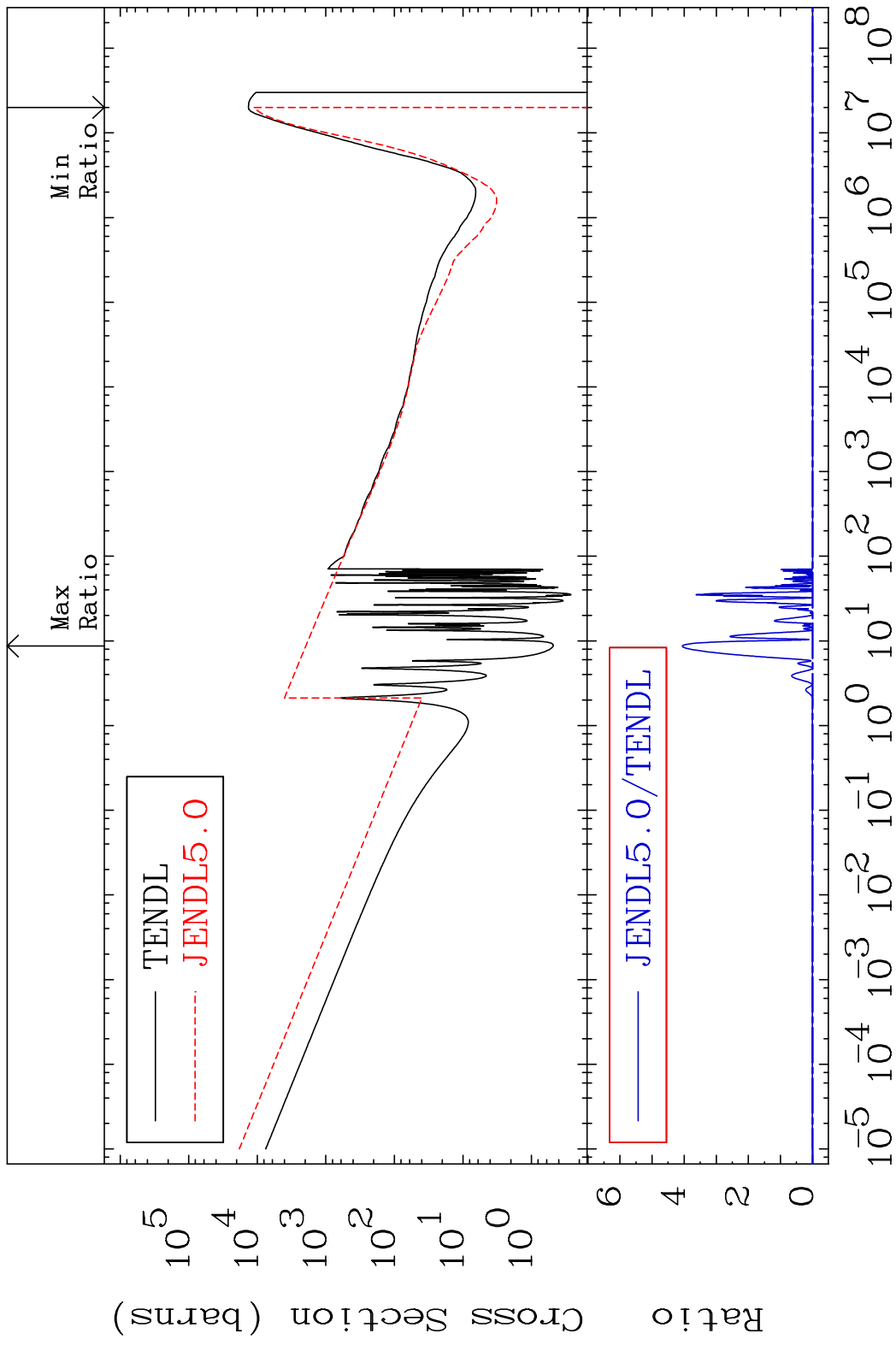
49-In-114m

MAT 4929

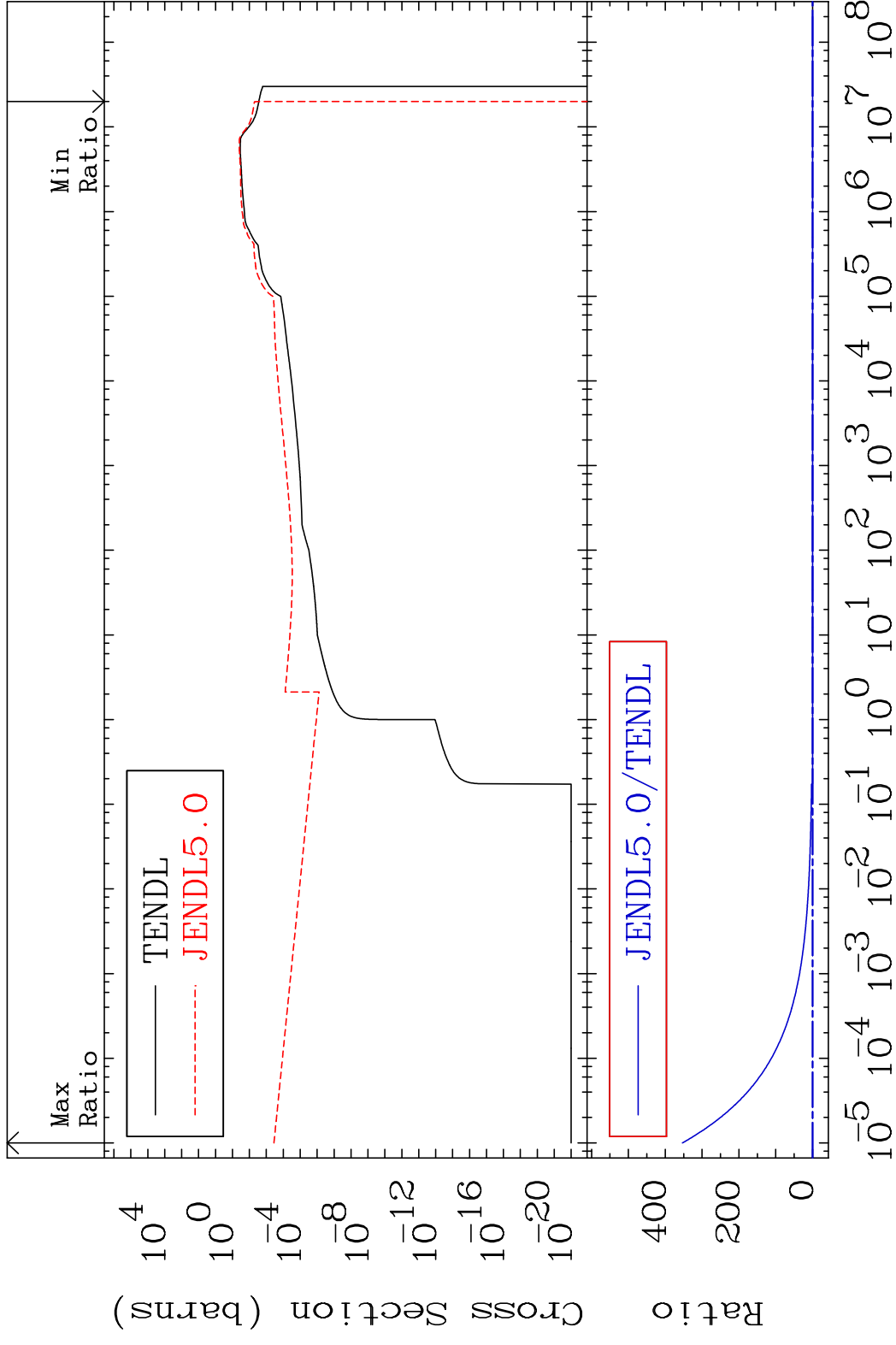
Dpa inelastic (mt51-91) 49-In-114m
Cross Section -100.0 To 9999. %



MAT 4929 Dpa disappearance (mt102 -120) 49-In-114m
 Cross Section -100.0 To 9999. %

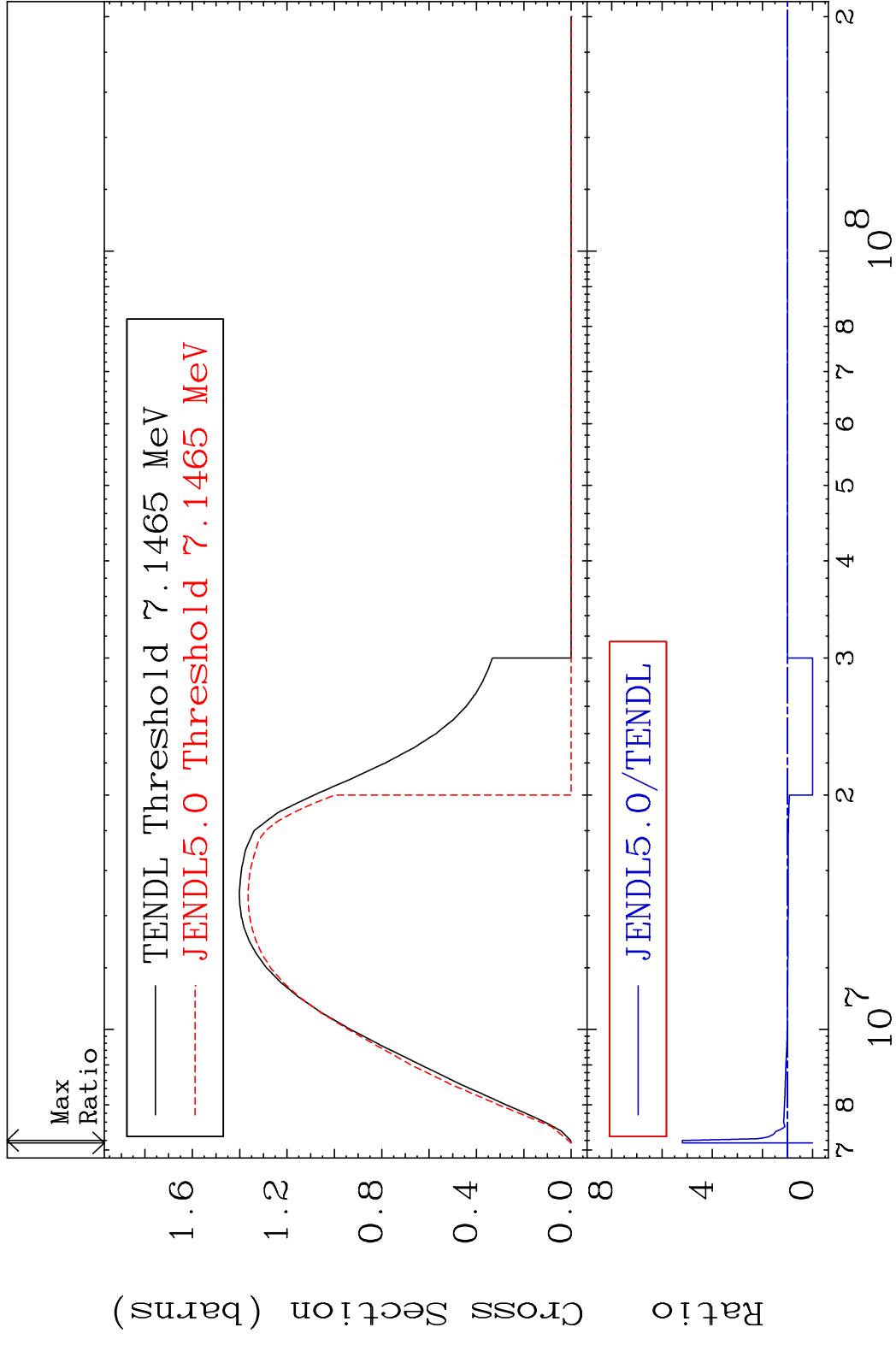


MAT 4929 Inelastic:49-In-114g 49-In-114m
 Radionuclide Production Cross Section to 9999. %

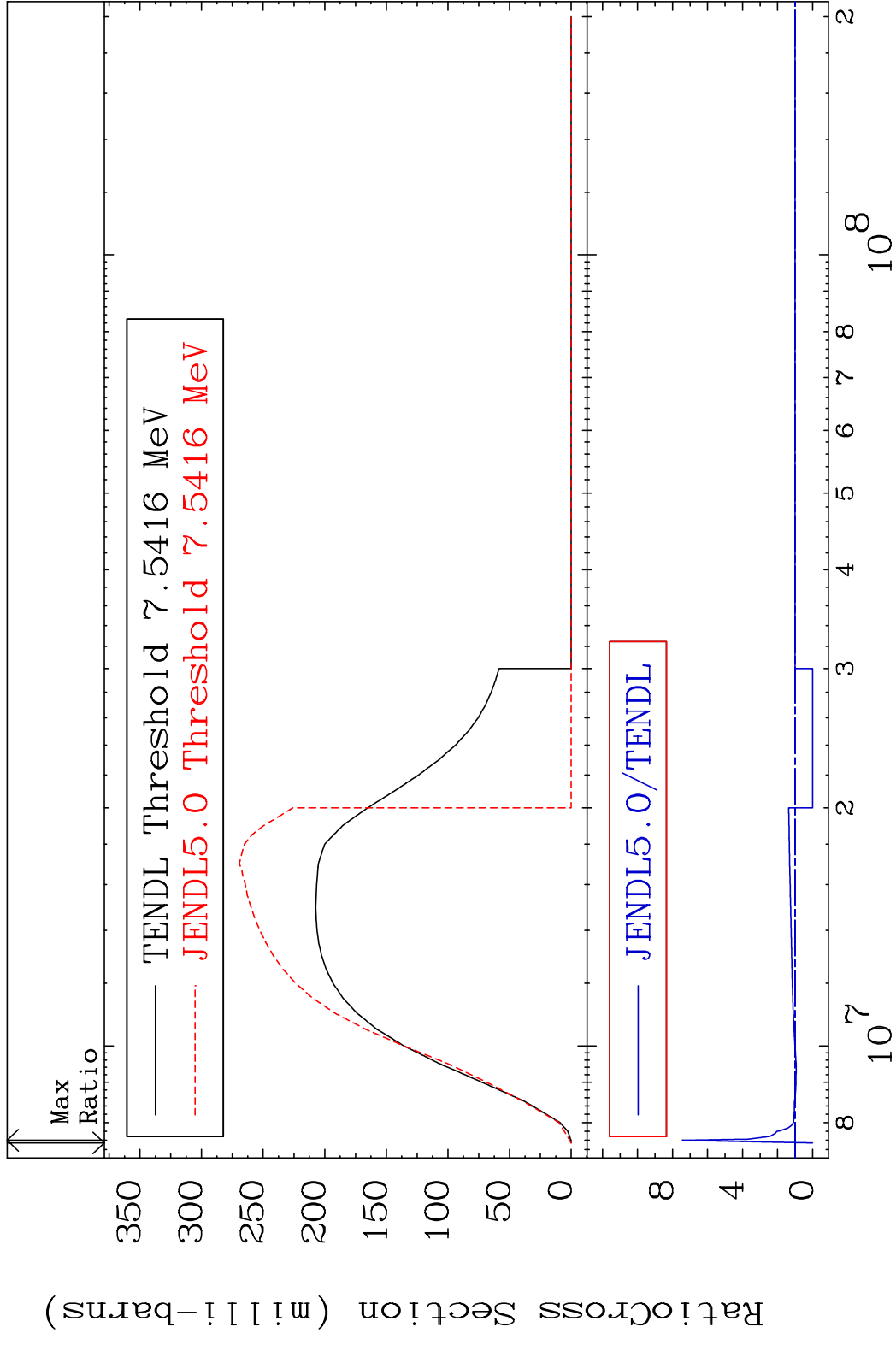


67 Incident Energy (eV) 49-In-114m

MAT 4929 (n,2n):49-In-113g 49-In-114m
 Radionuclide Production Cross Section to 418.8 %

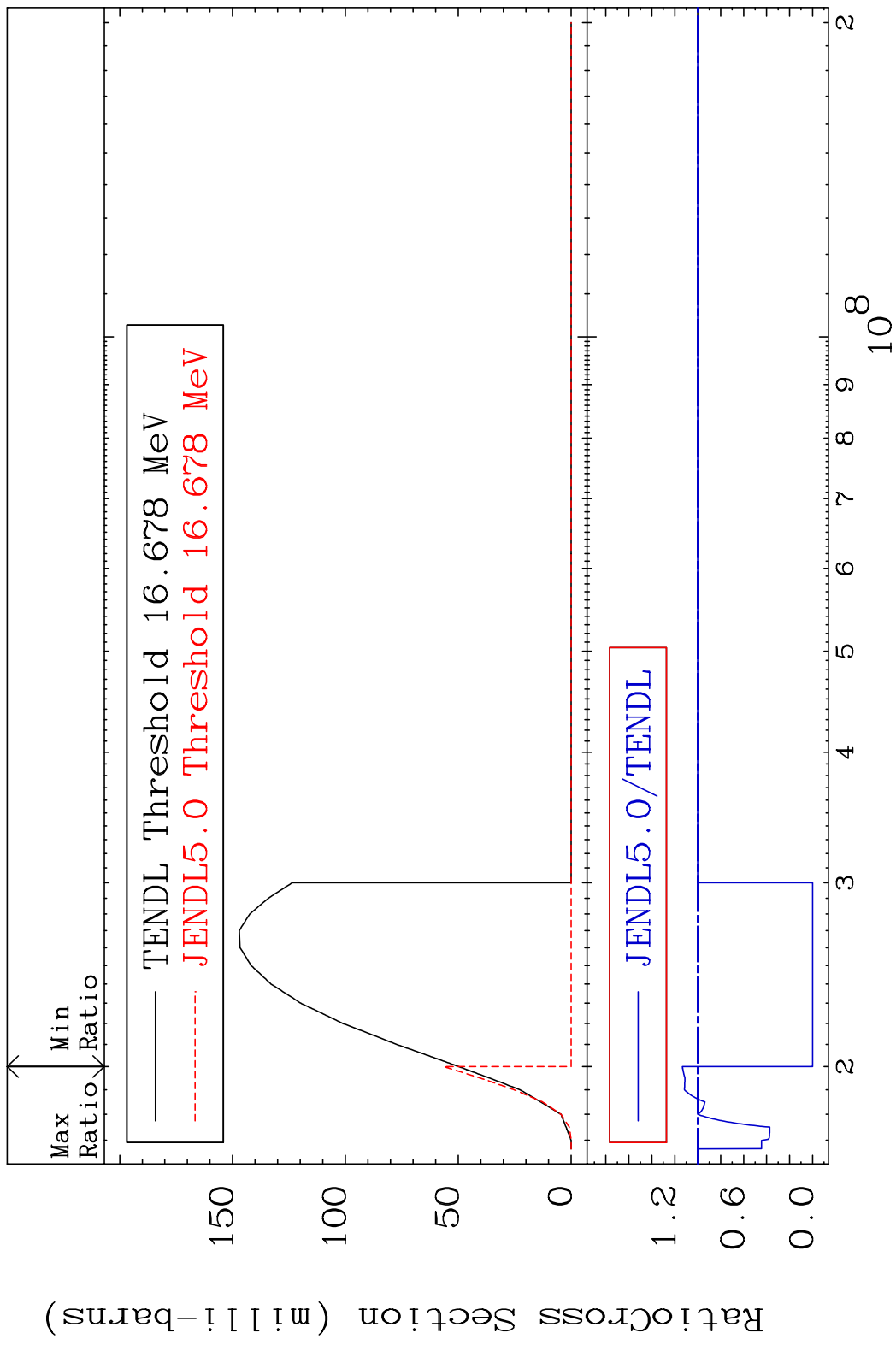


MAT 4929 (n,2n):49-In-113m1 49-In-114m
 Radionuclide Production Cross Section to 644.0 %



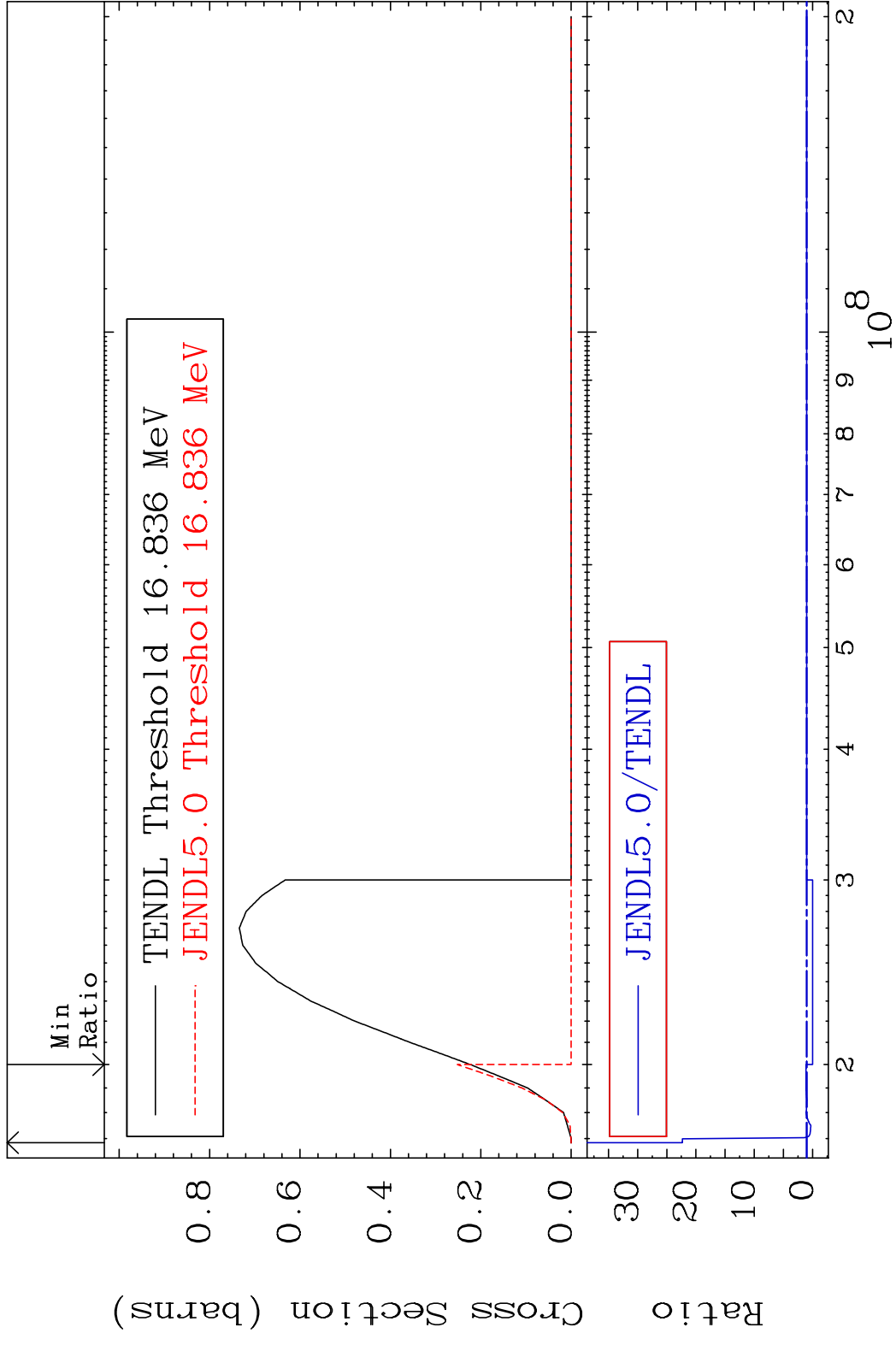
69 Incident Energy (eV) 49-In-114m

MAT 4929 (n,3n):49-In-112g 49-In-114m
 Radionuclide Production Cross Section 13.39 %

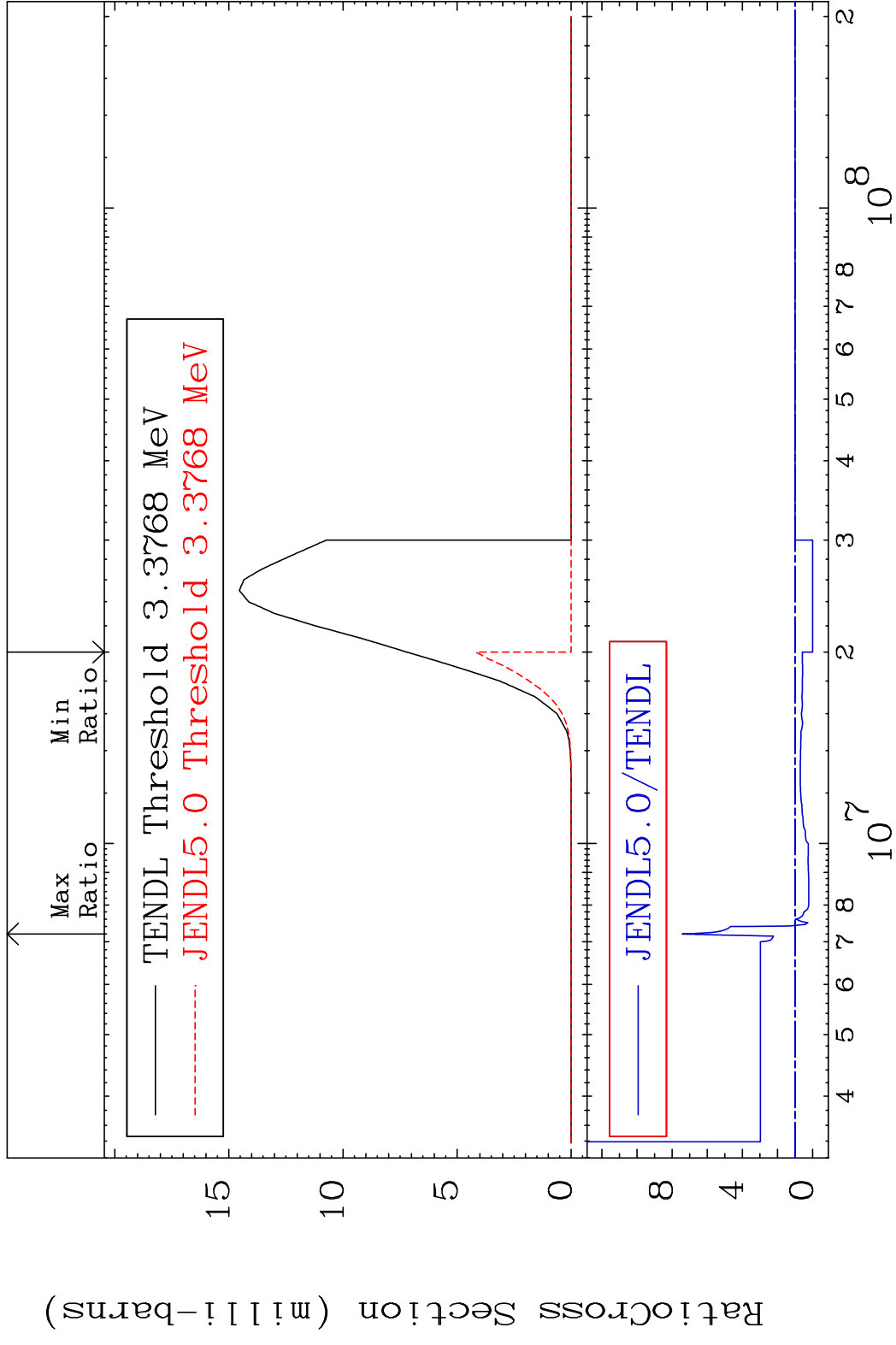


70 Incident Energy (eV) 49-In-114m

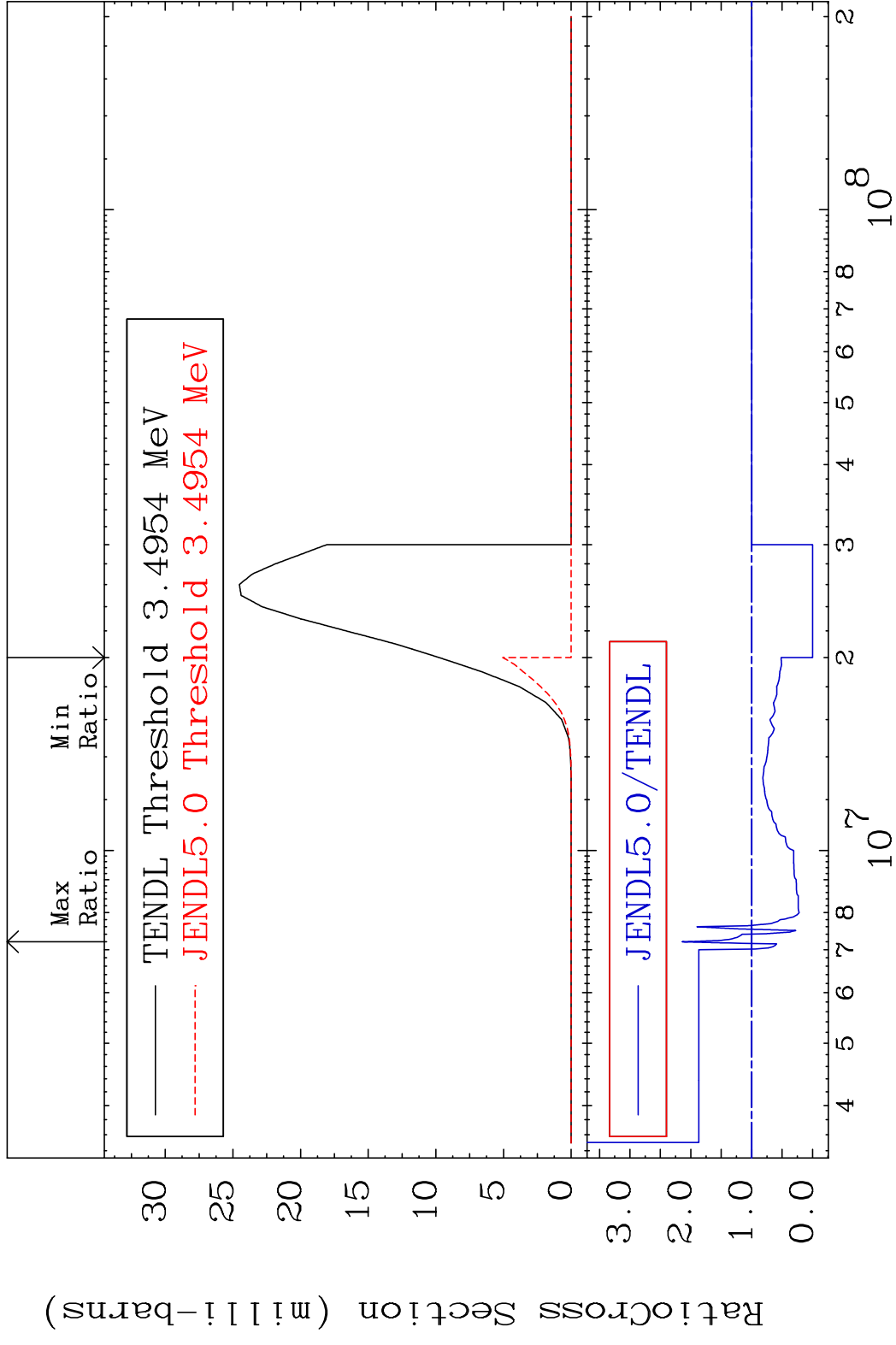
MAT 4929 (n, 3n): 49-In-112m1 49-In-114m
 Radionuclide Production Cross Section to 2133. %



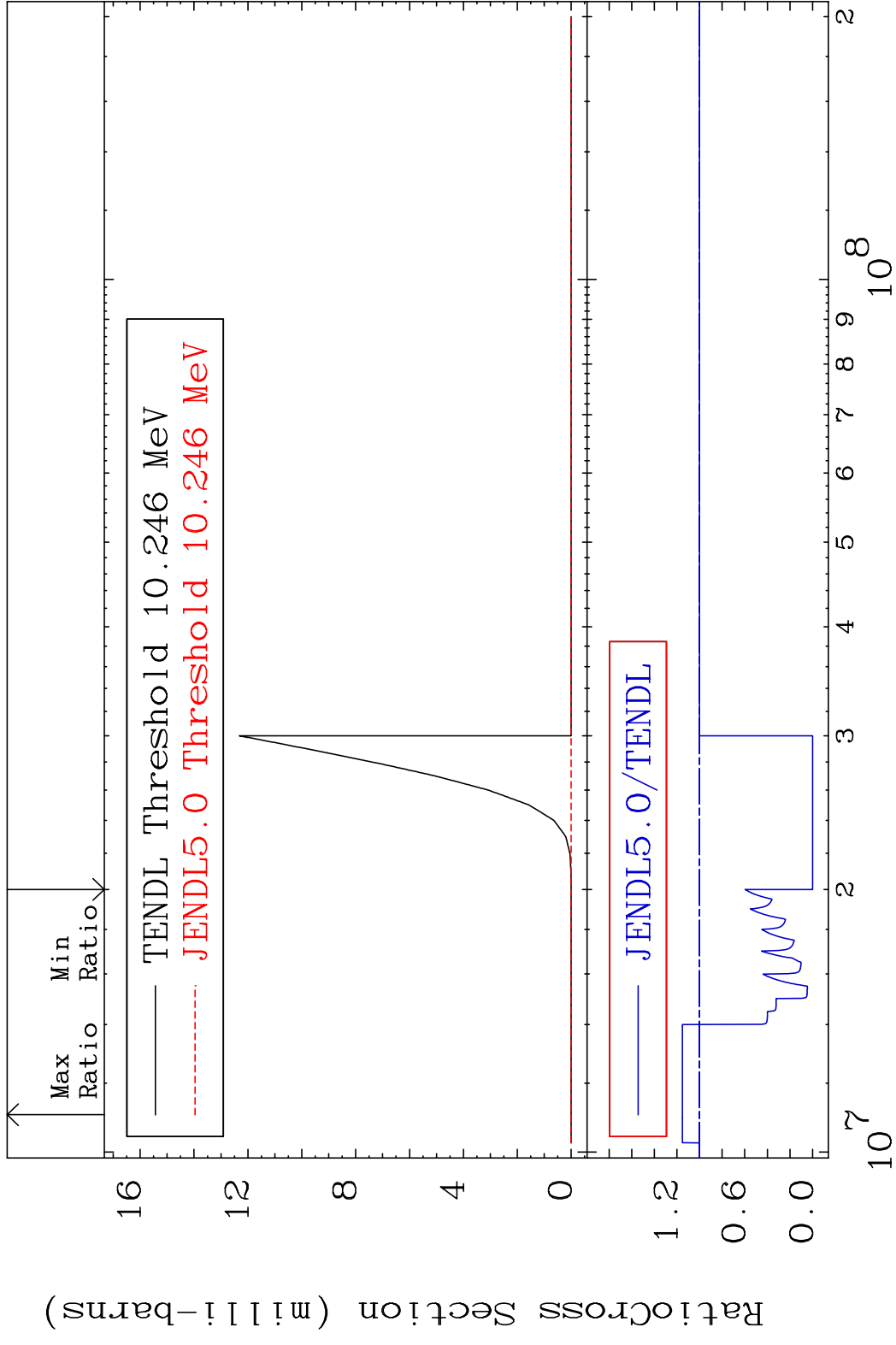
MAT 4929 (n, n') α :47-Ag-110g 49-In-114m
 Radionuclide Production Cross Section 180.0 d to 641.8 %



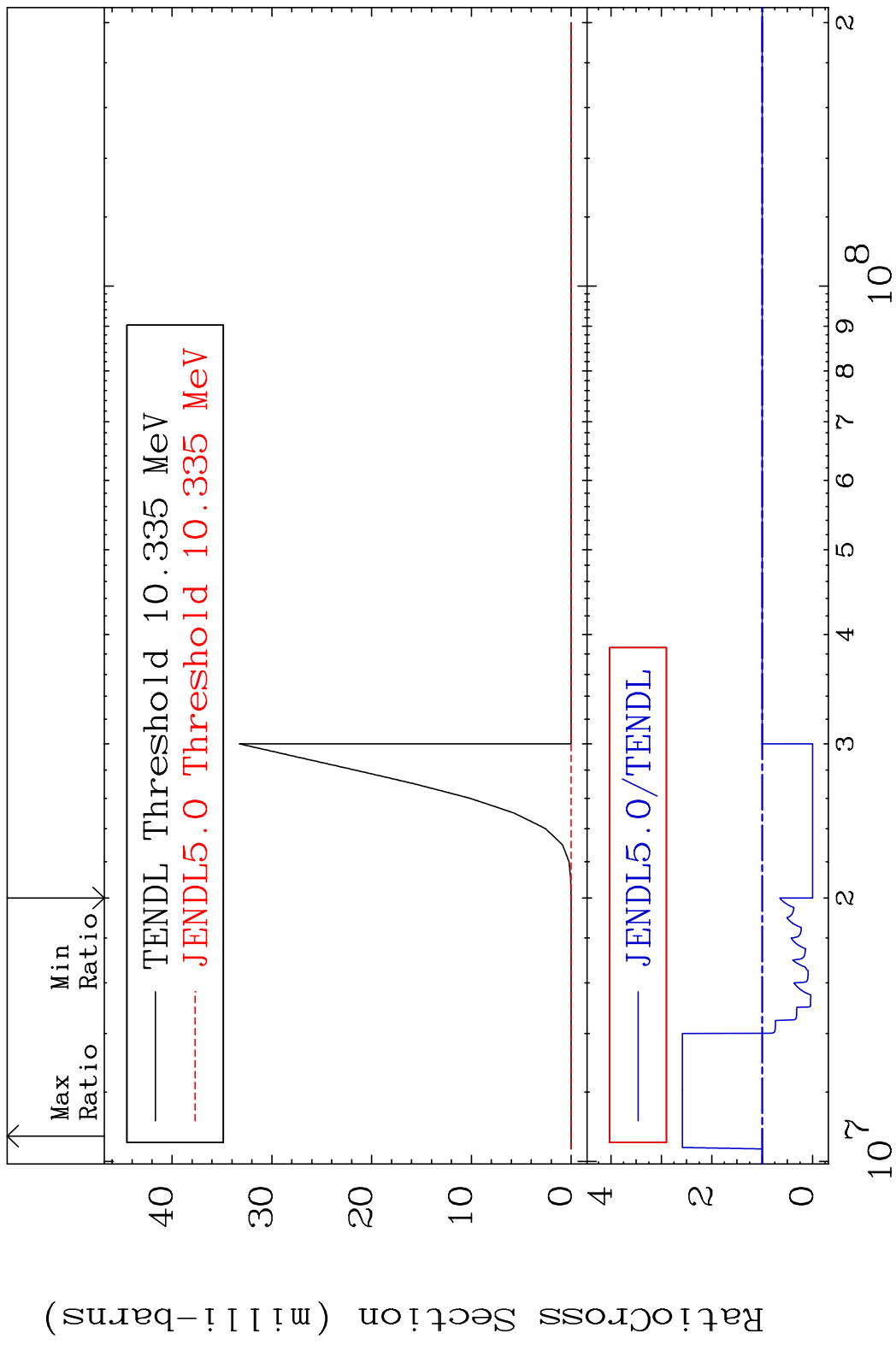
MAT 4929 (n, n') α :47-Ag-110m2 49-In-114m
 Radionuclide Production Cross Section 180.0 dth 113.9 %



MAT 4929 (n,2n) α :47-Ag-109g 49-In-114m
 Radionuclide Production Cross Section 15.22 %

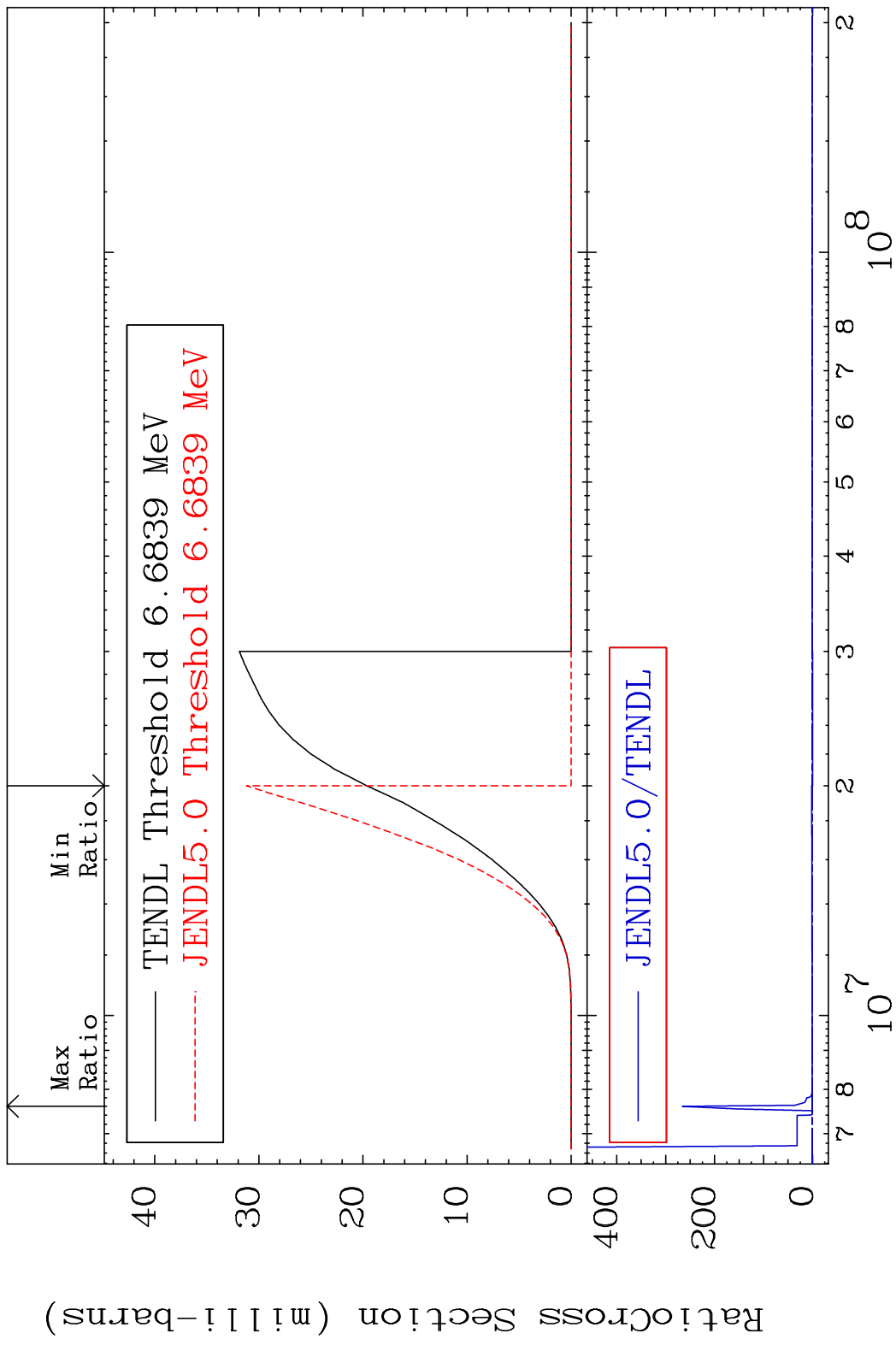


MAT 4929 (n,2n) α :47-Ag-109m1 49-In-114m
 Radionuclide Production Cross Section 158.0 dth 158.4 %

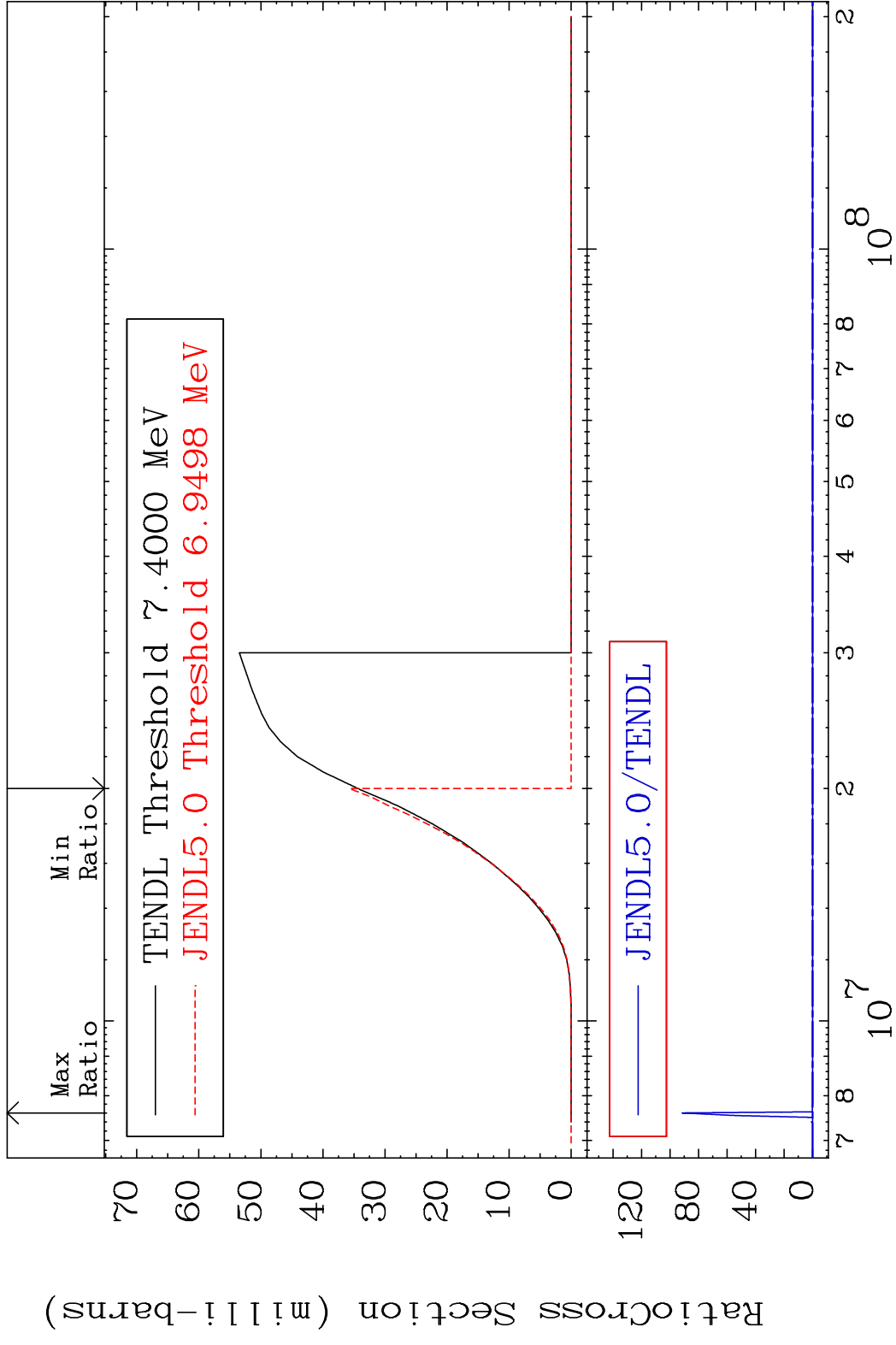


49-In-114m

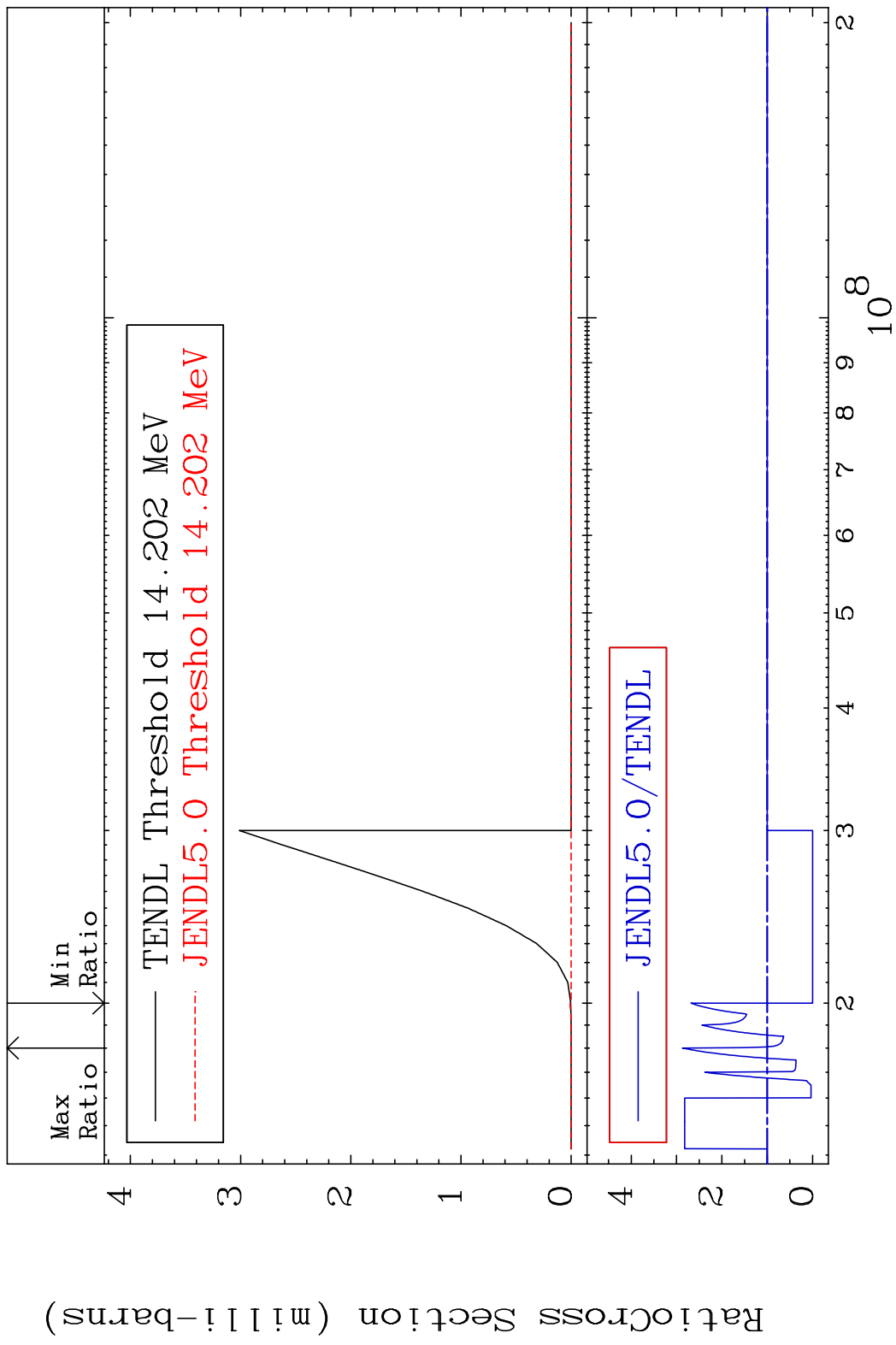
MAT 4929 (n, n') p:48-Cd-113g 49-In-114m
 Radionuclide Production Cross Section to 9999. %



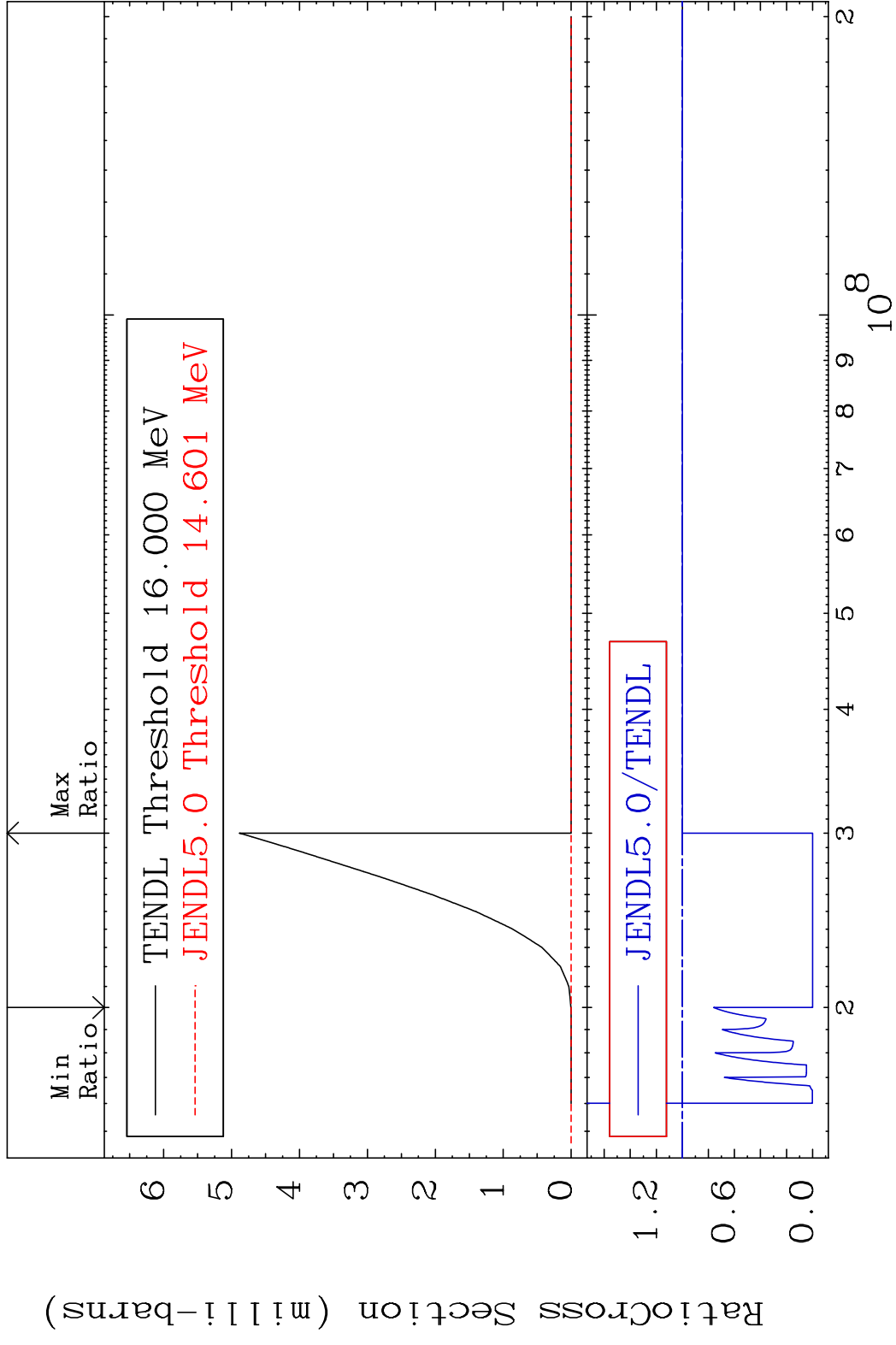
MAT 4929 (n, n') p:48-Cd-113m1 49-In-114m
 Radionuclide Production Cross Section to 9999. %



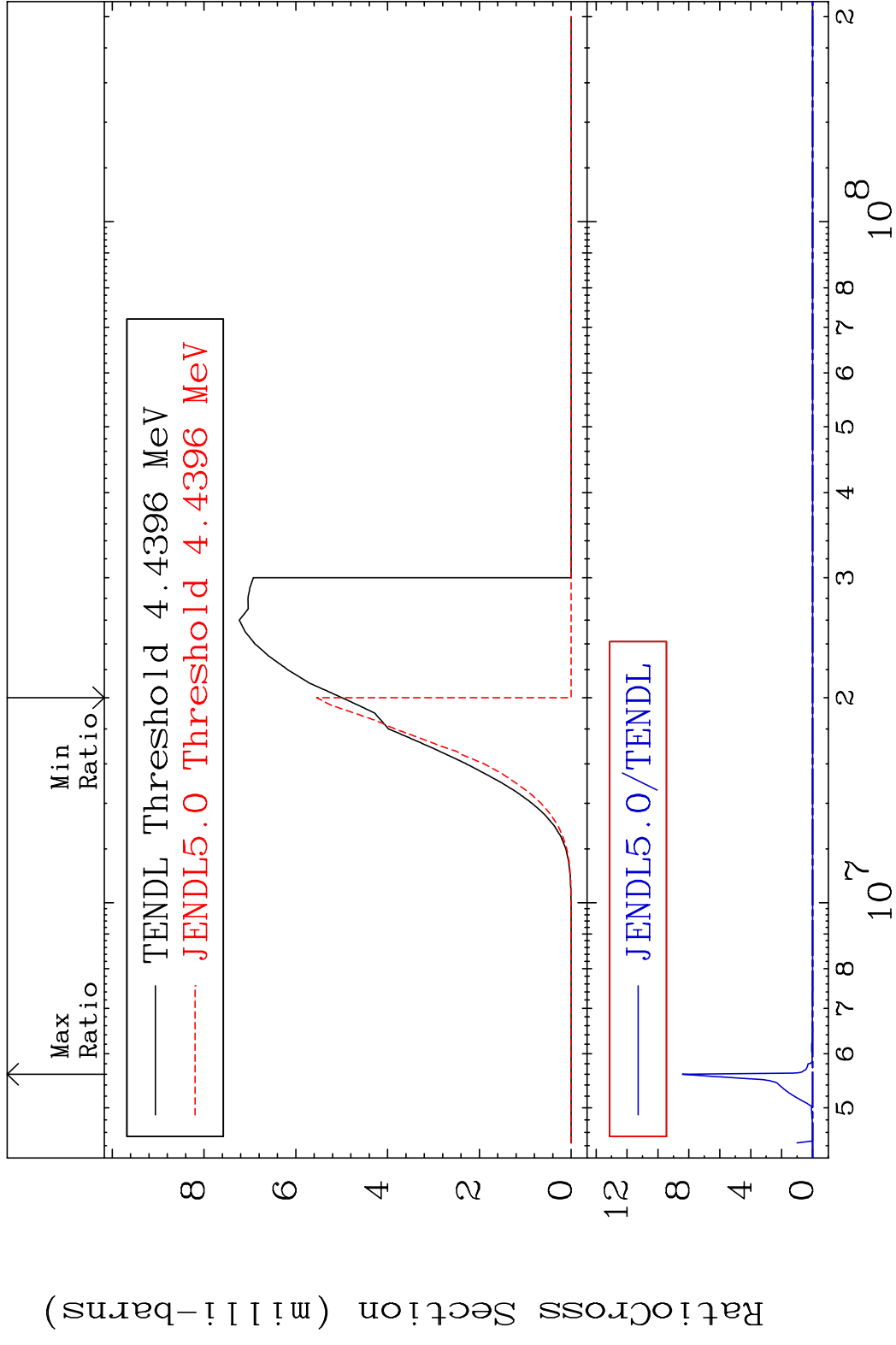
MAT 4929 (n, n') t:48-Cd-111g 49-In-114m
 Radionuclide Production Cross Section 187.2 %



MAT 4929 (n, n') t:48-Cd-111m3 49-In-114m
 Radionuclide Production Cross Section 180.000 %
 0.000 %



MAT 4929 (n,d):48-Cd-113g 49-In-114m
 Radionuclide Production Cross Section to 9999. %



MAT 4929 (n,d):48-Cd-113m1 49-In-114m
 Radionuclide Production Cross Section to 9999. %

