

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

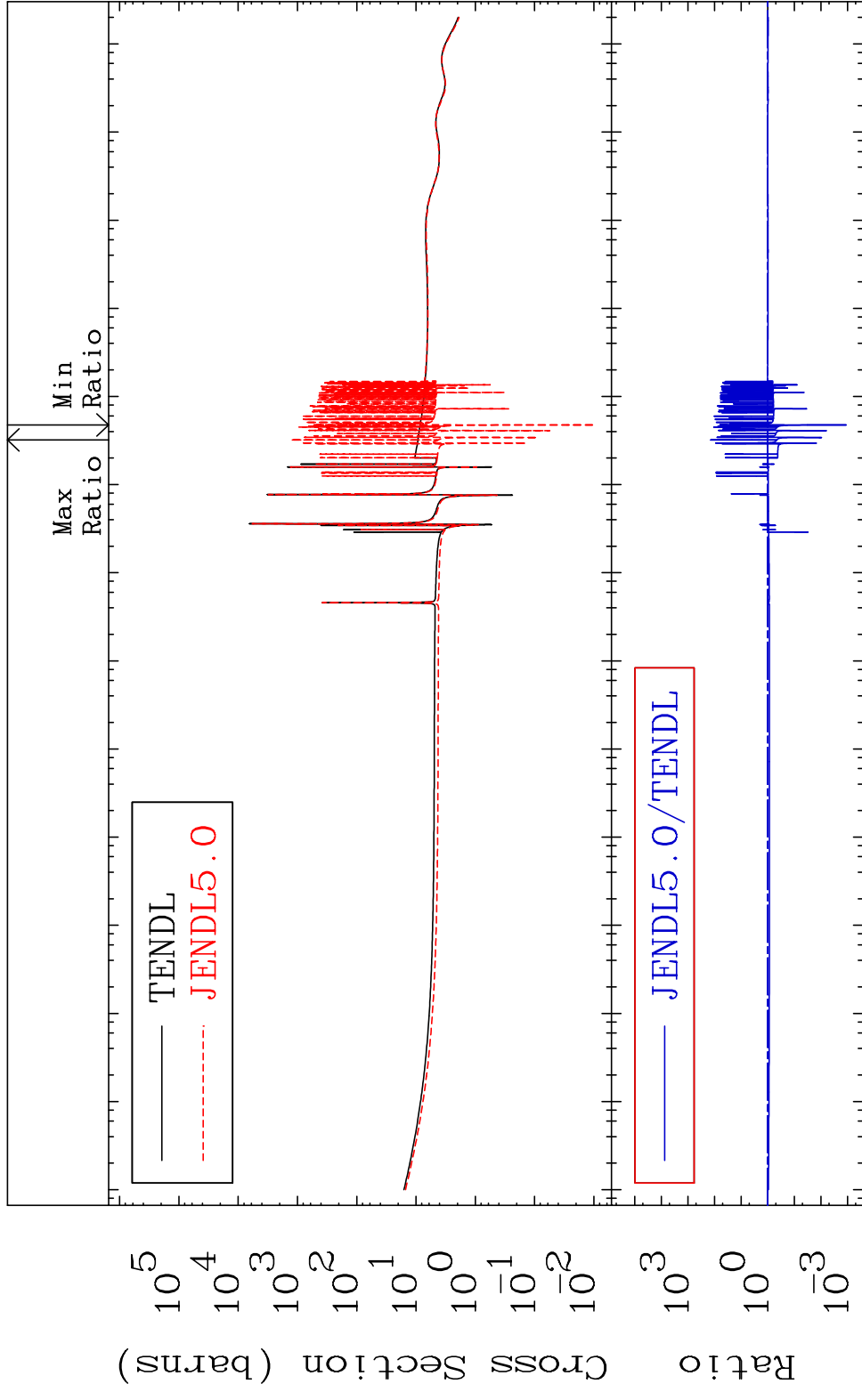
MAT 5043

Total

50-Sn-118

Cross Section

-99.89 To 9999. %



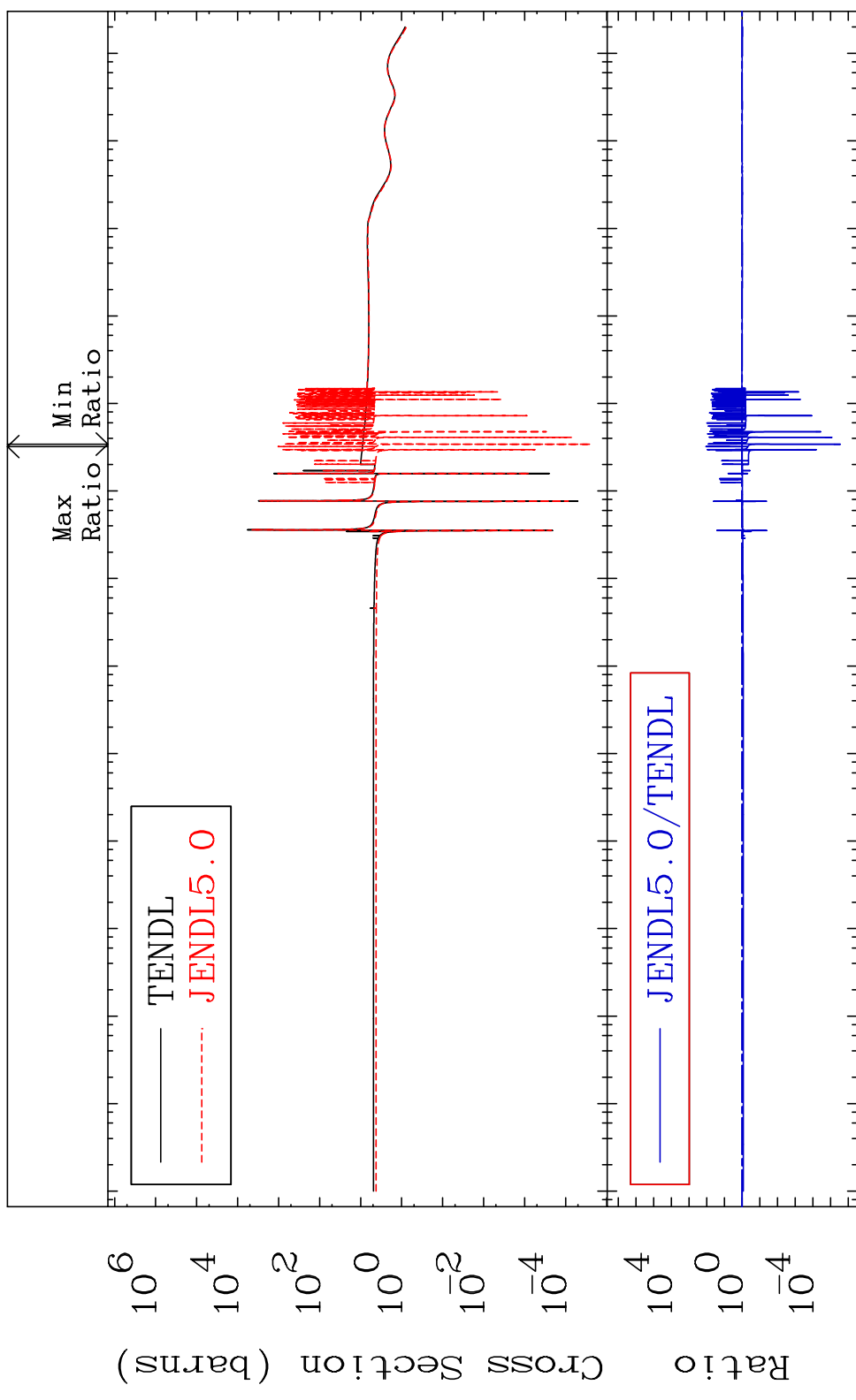
1

Incident Energy (eV)

50-Sn-118

MAT 5043

Elastic Cross Section -100.0 To 9999. %
50-Sn-118

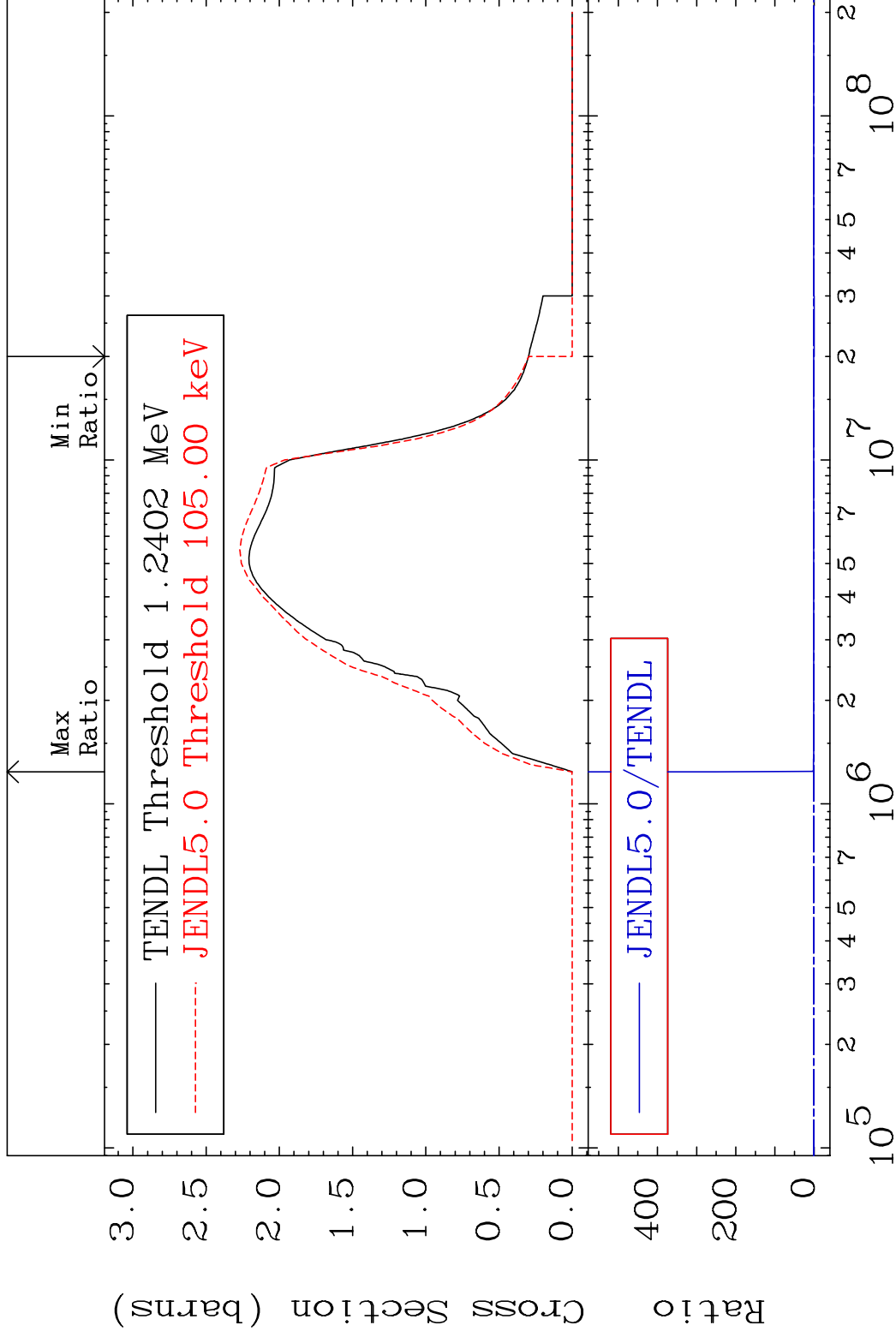


MAT 5043

Inelastic

50-Sn-118

Cross Section -100.0 To 9999. %



3

Incident Energy (eV)

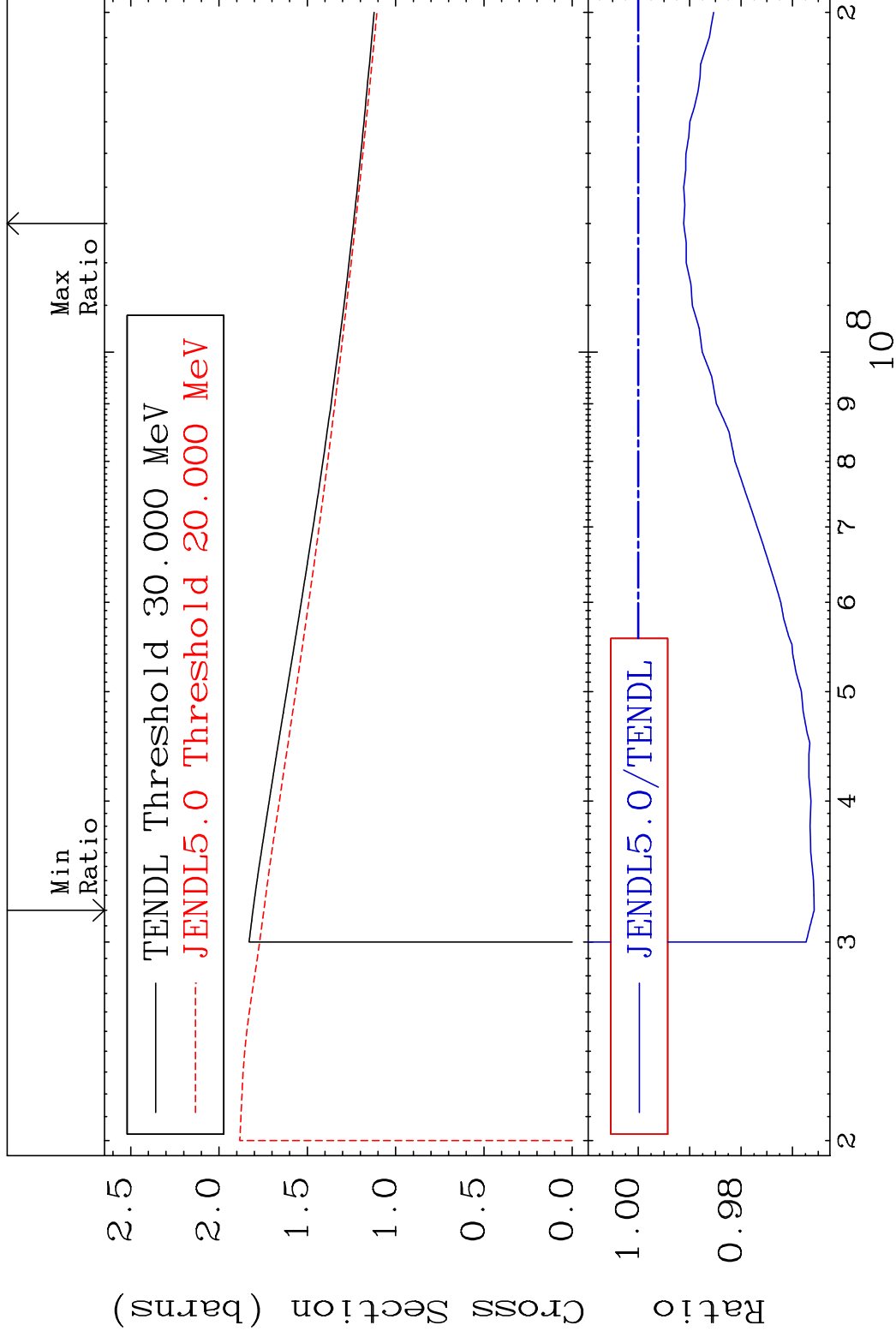
50-Sn-118

MAT 5043

(n, remainder)

50-Sn-118

Cross Section -3.419 To -0.883%



4

Incident Energy (eV)

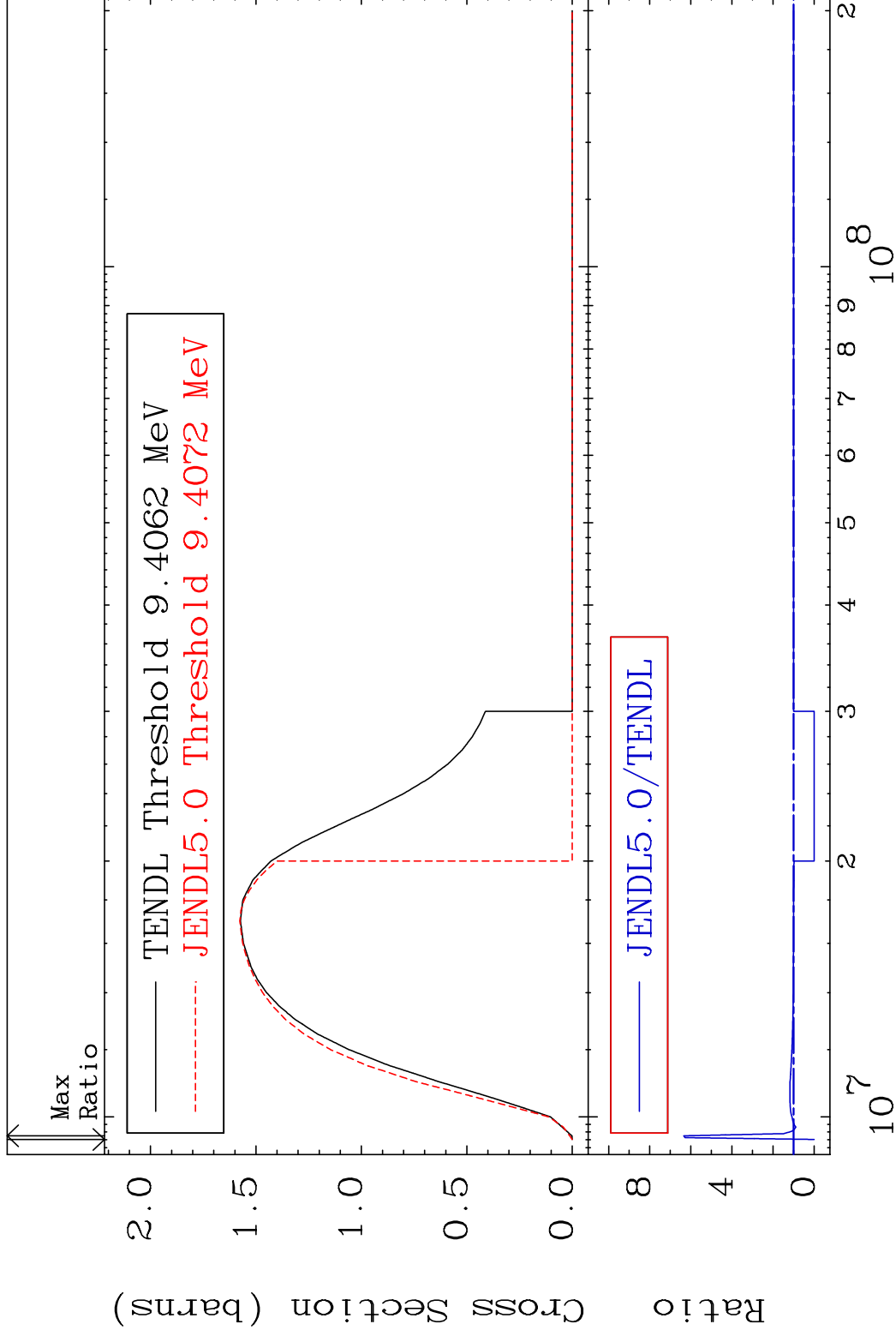
50-Sn-118

MAT 5043

(n,2n)

50-Sn-118

Cross Section -100.0 To 534.9 %

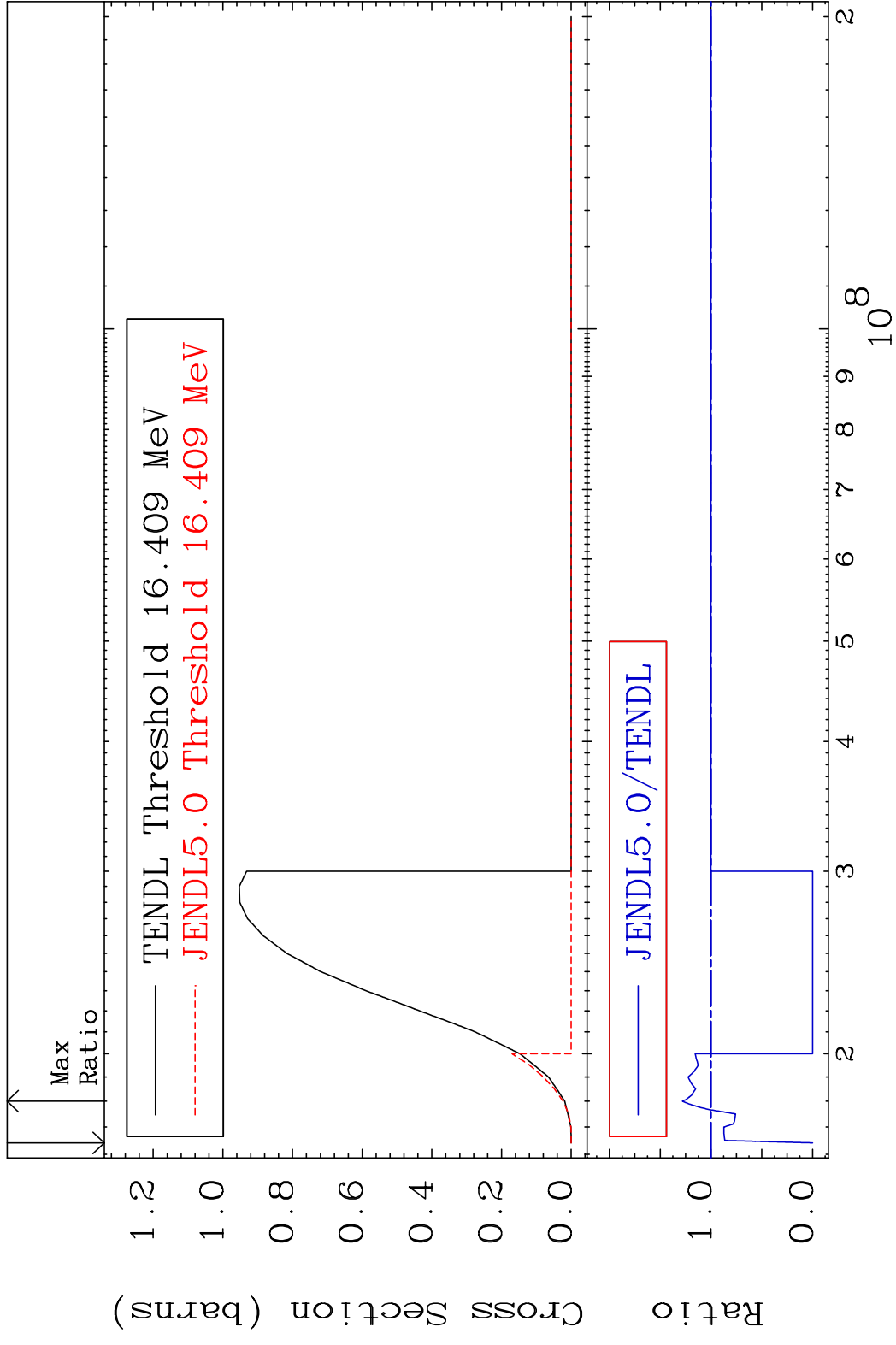


5

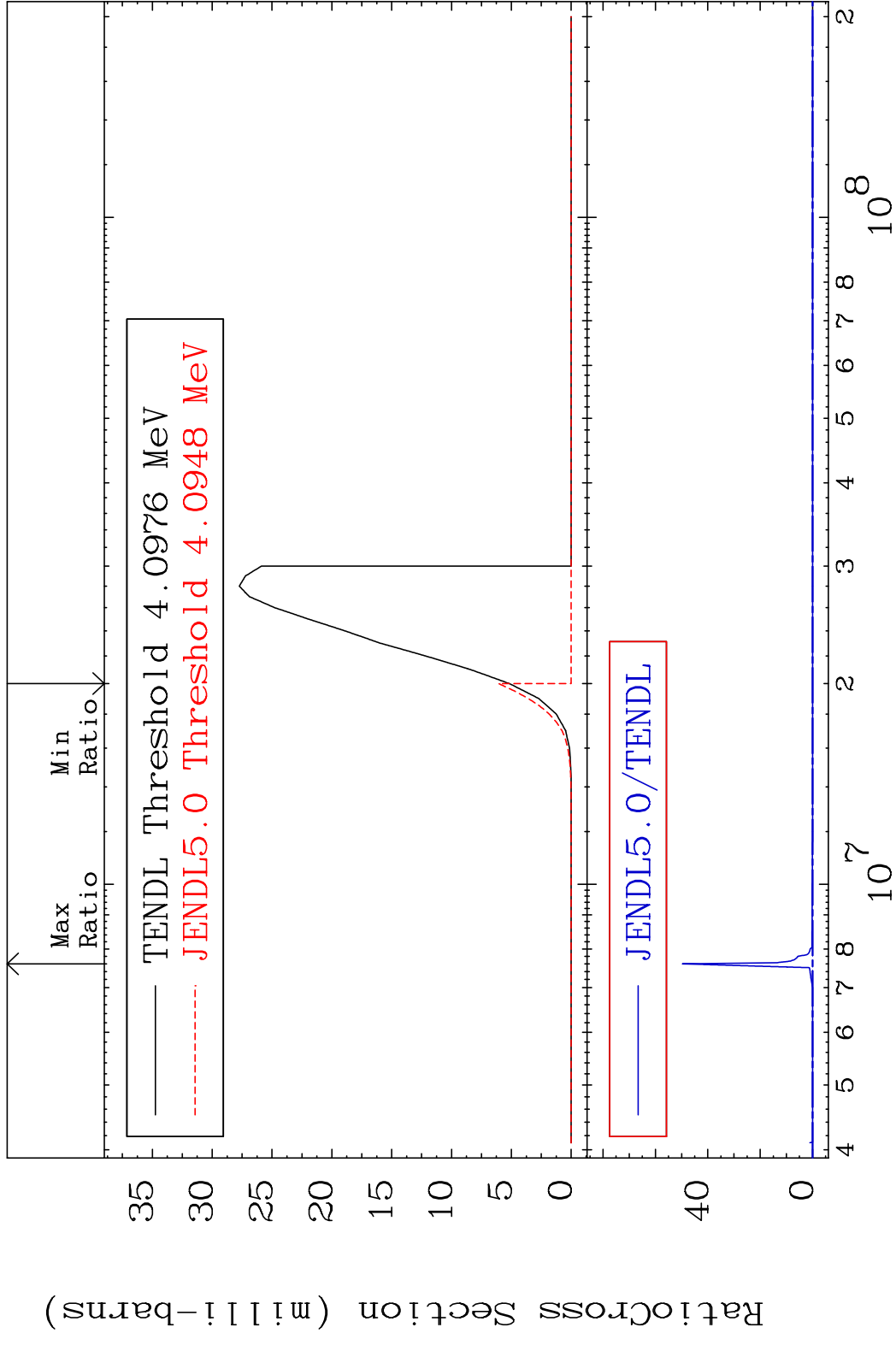
Incident Energy (eV)

50-Sn-118

MAT 5043 (n,3n) 50-Sn-118
 Cross Section -100.0 To 28.16 %



MAT 5043 (n, n') α 50-Sn-118
 Cross Section -100.0 To 9999. %



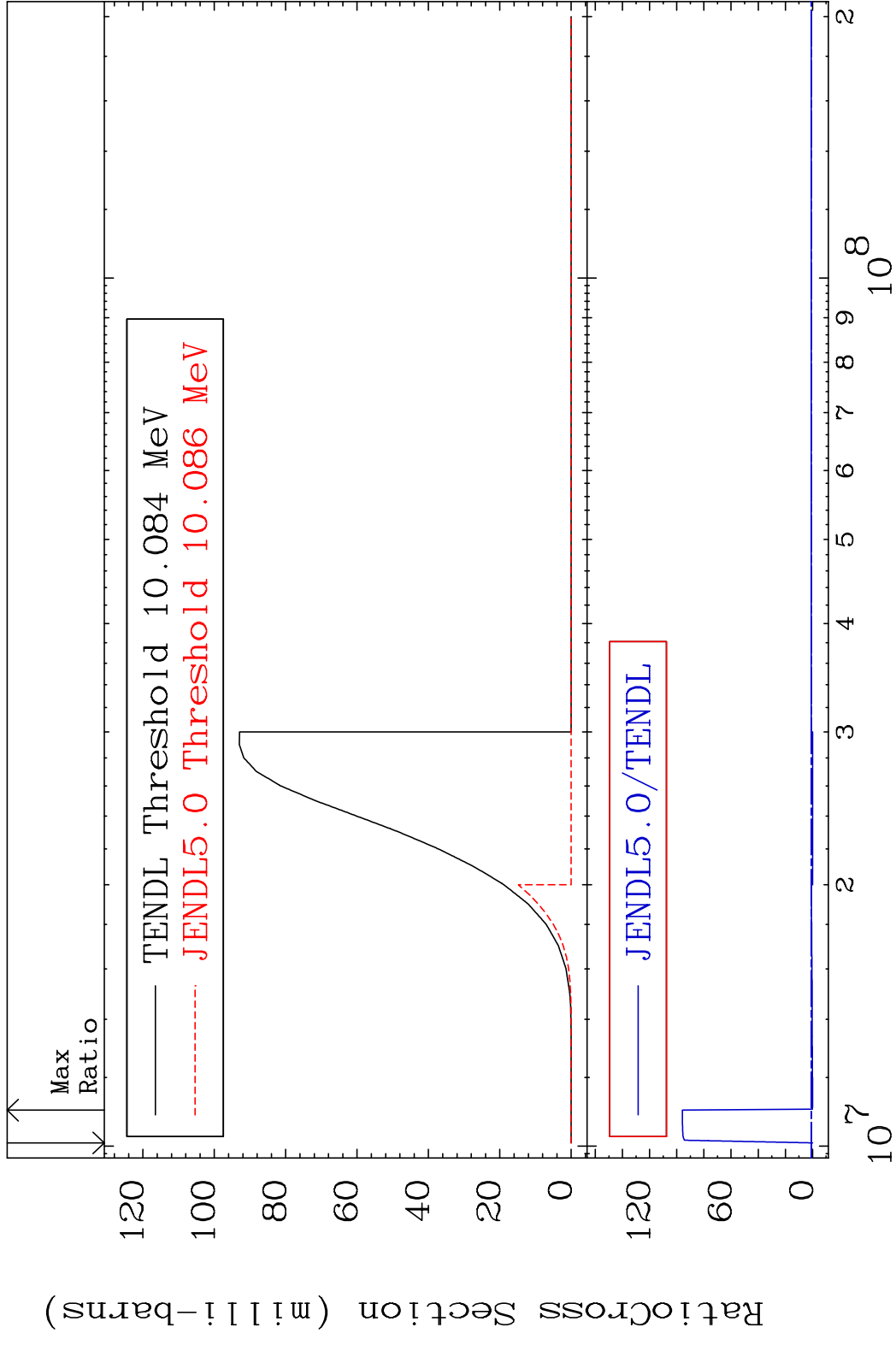
7 Incident Energy (eV) 50-Sn-118

MAT 5043

(n, n') p

50-Sn-118

Cross Section -100.0 To 9488. %

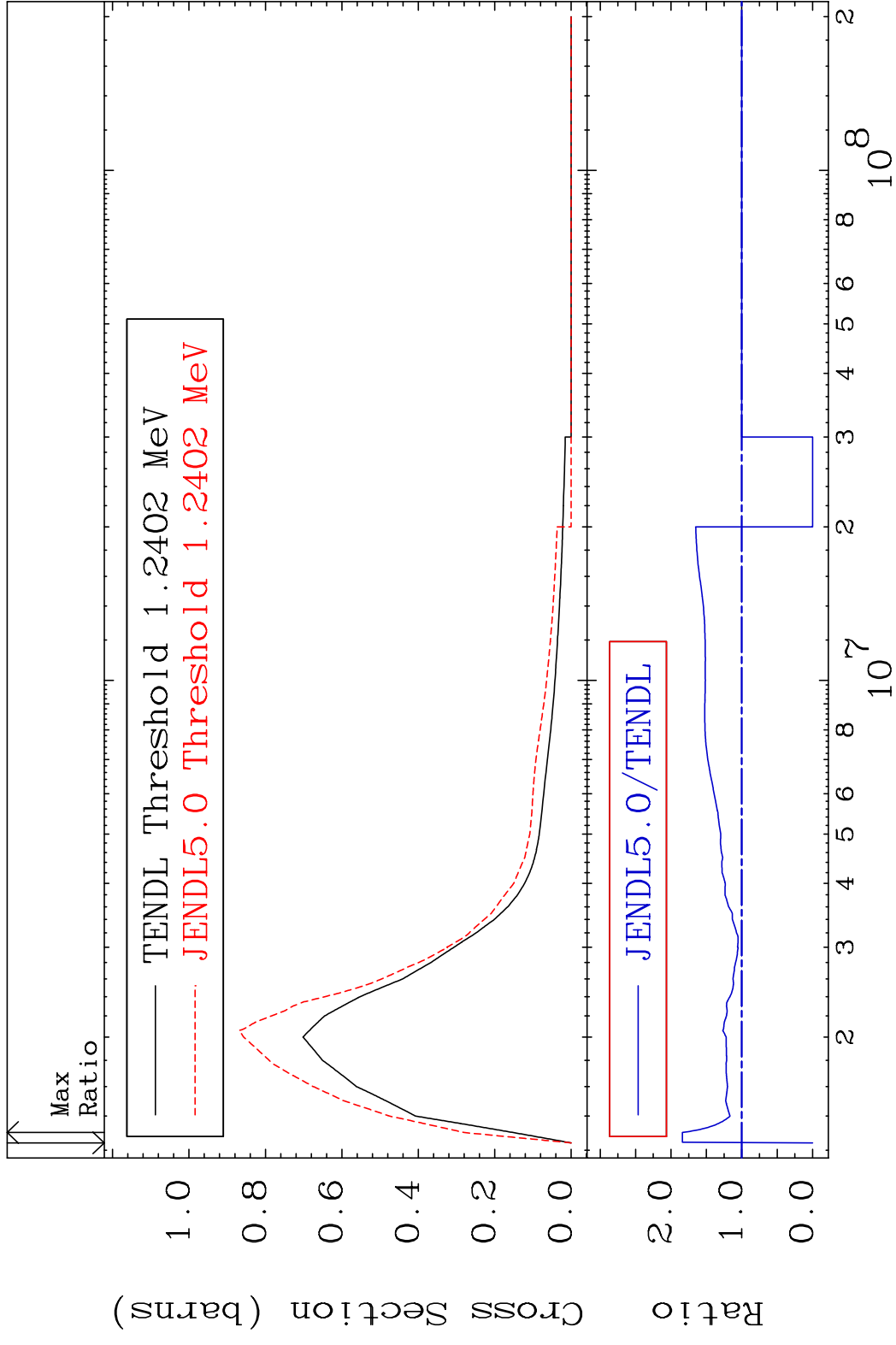


8

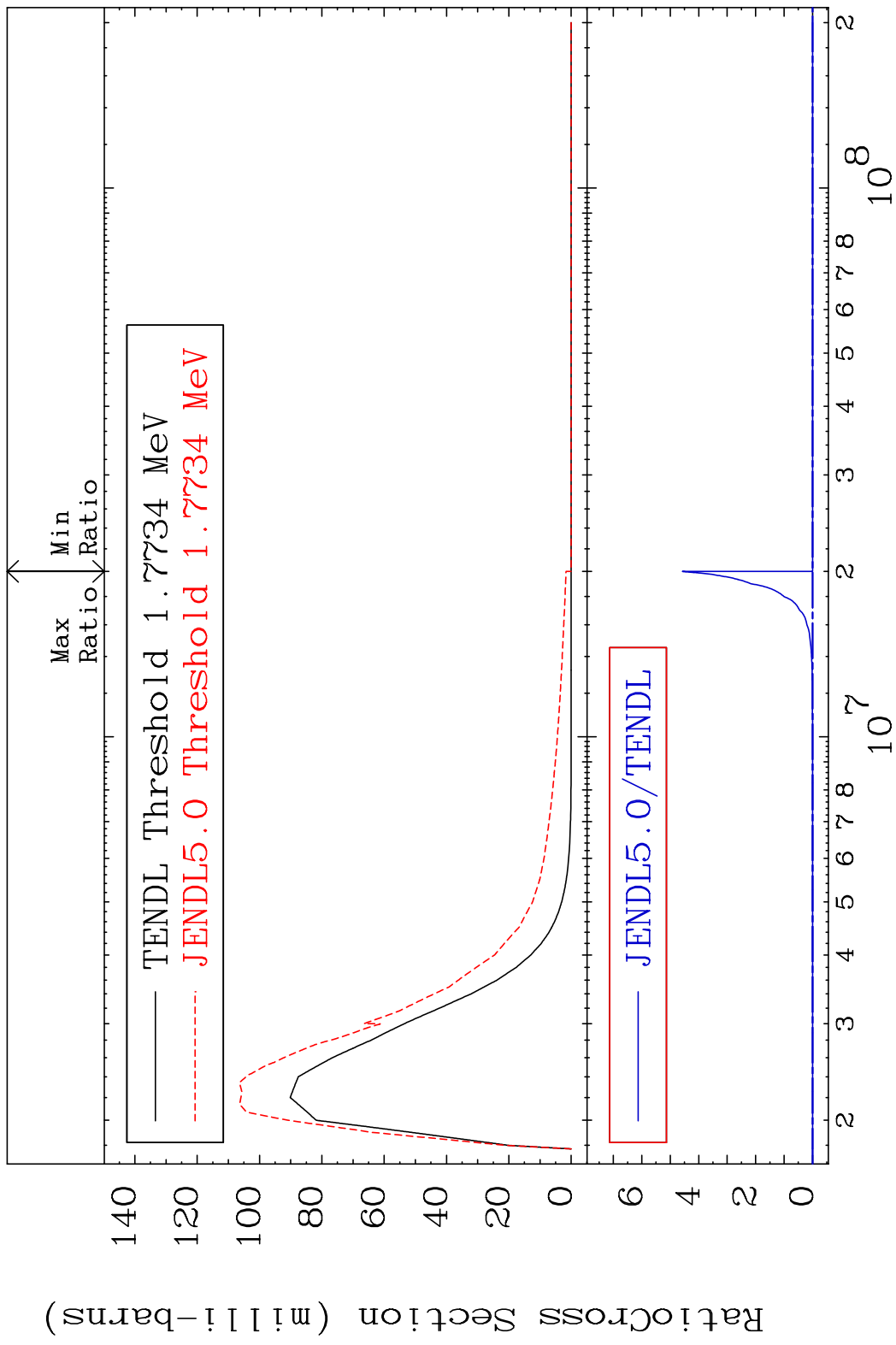
Incident Energy (eV)

50-Sn-118

MAT 5043 MT= 51 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 83.97 %



MAT 5043 MT= 52 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 9999. %

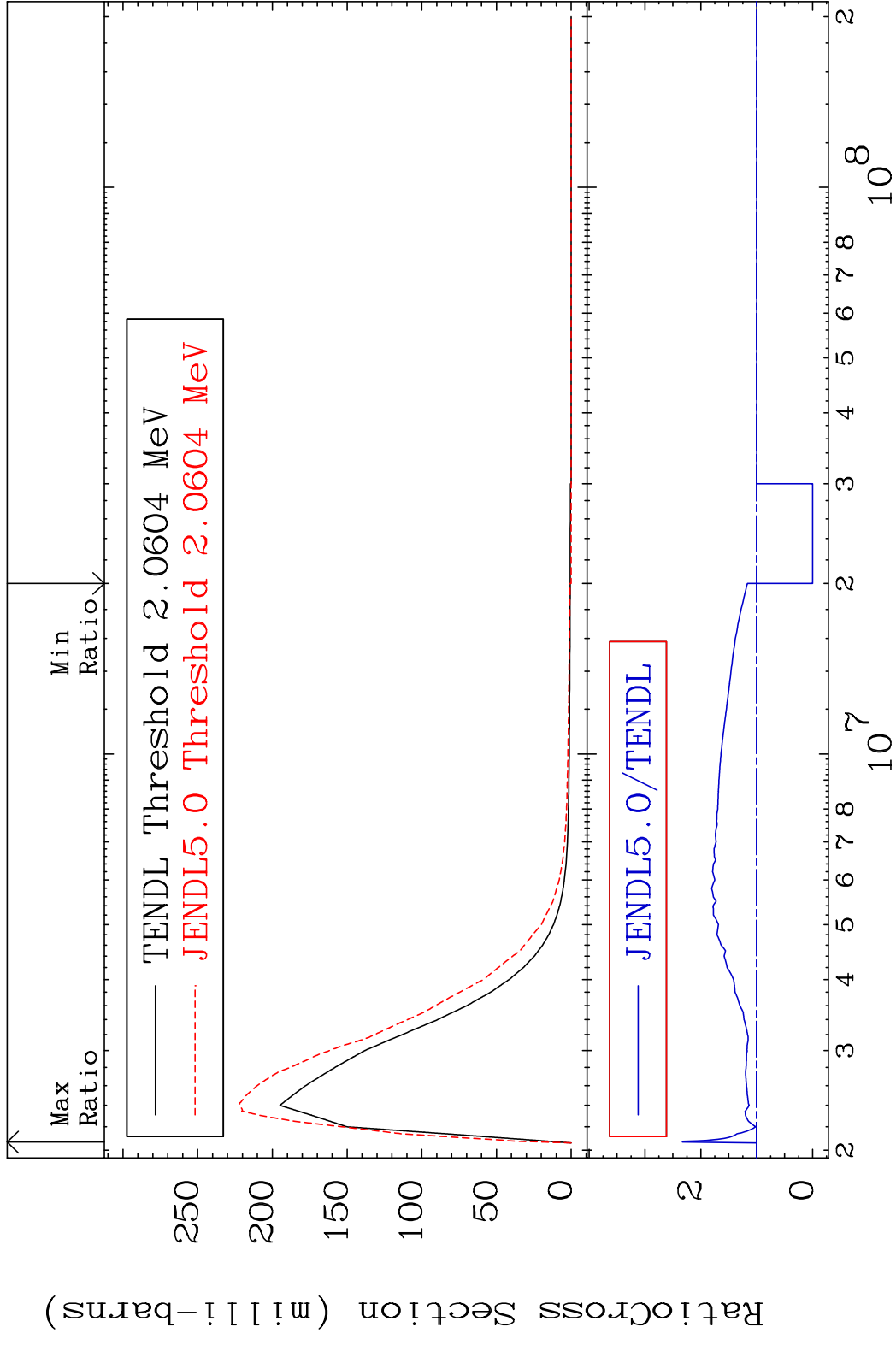


10

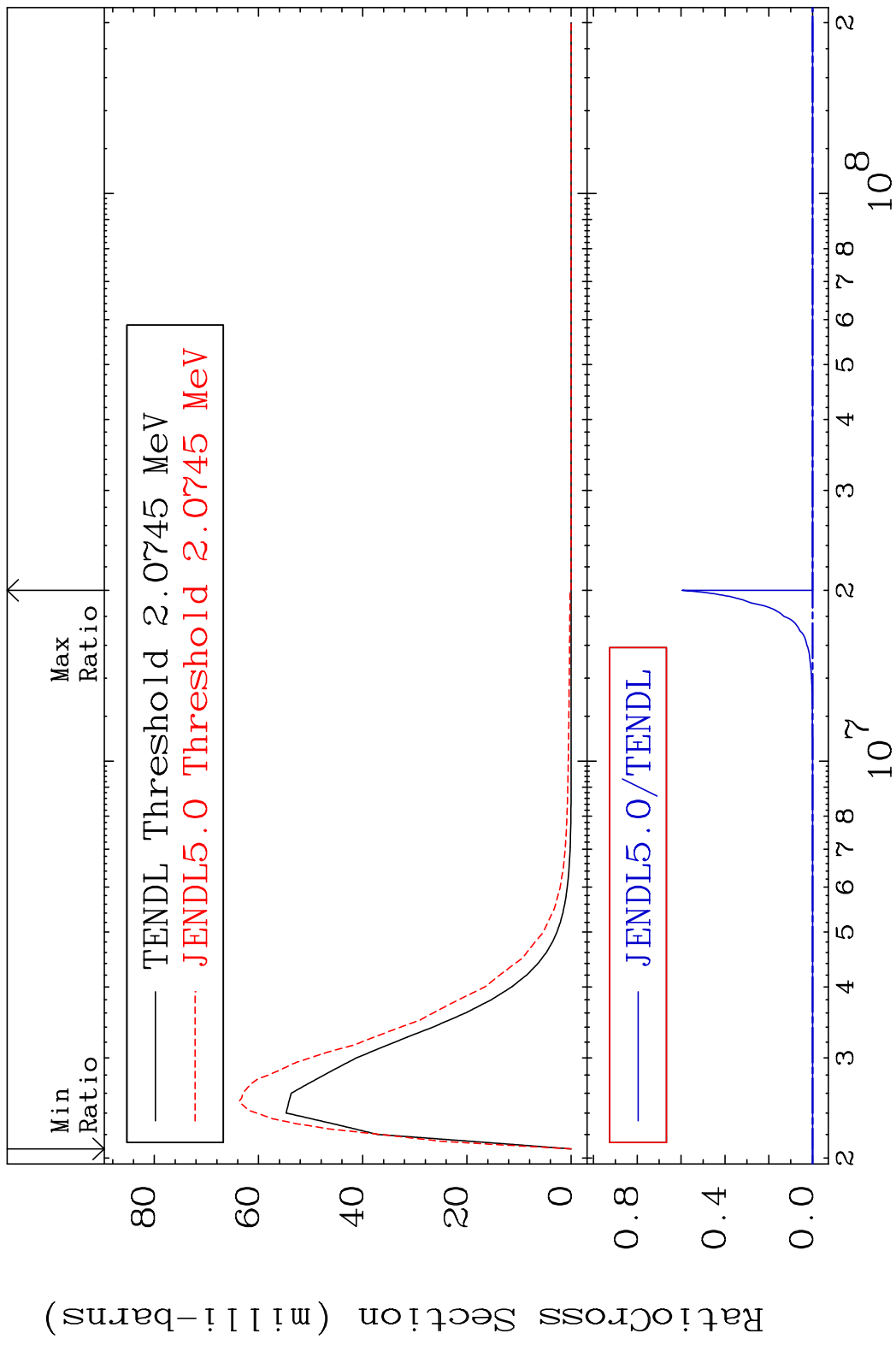
Incident Energy (eV)

50-Sn-118

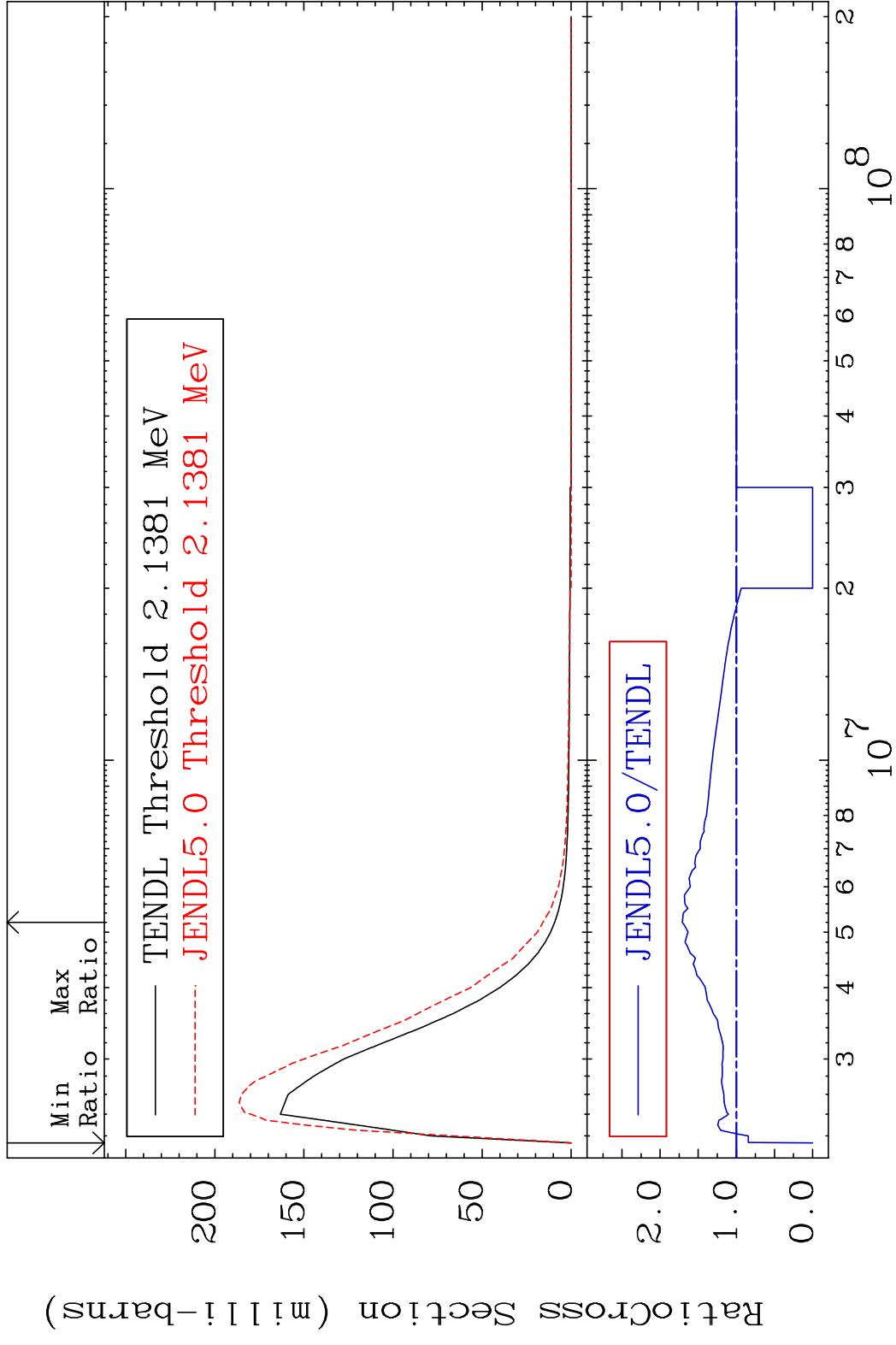
MAT 5043 MT= 53 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 133.1 %



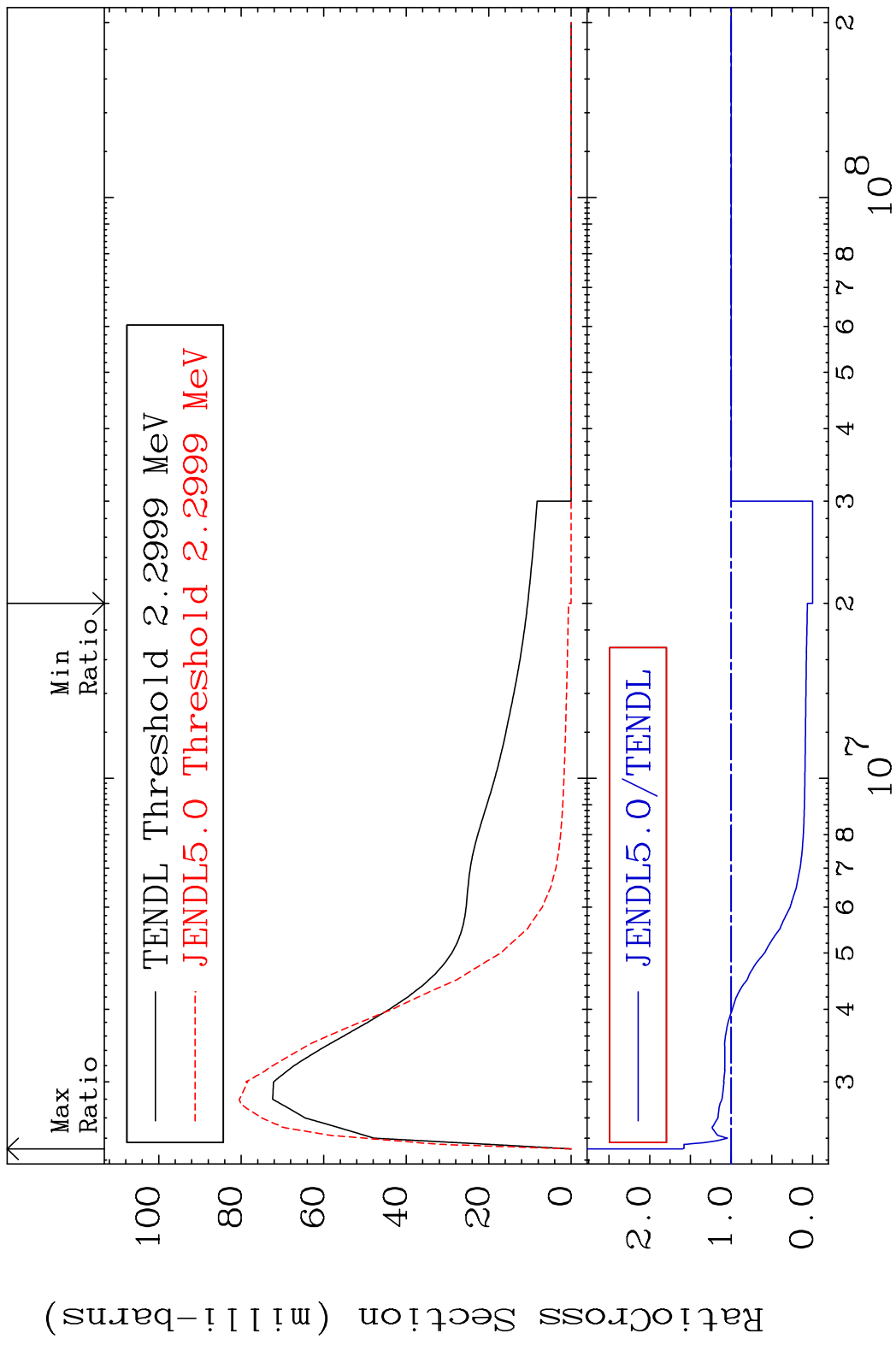
MAT 5043 MT= 54 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 9999. %



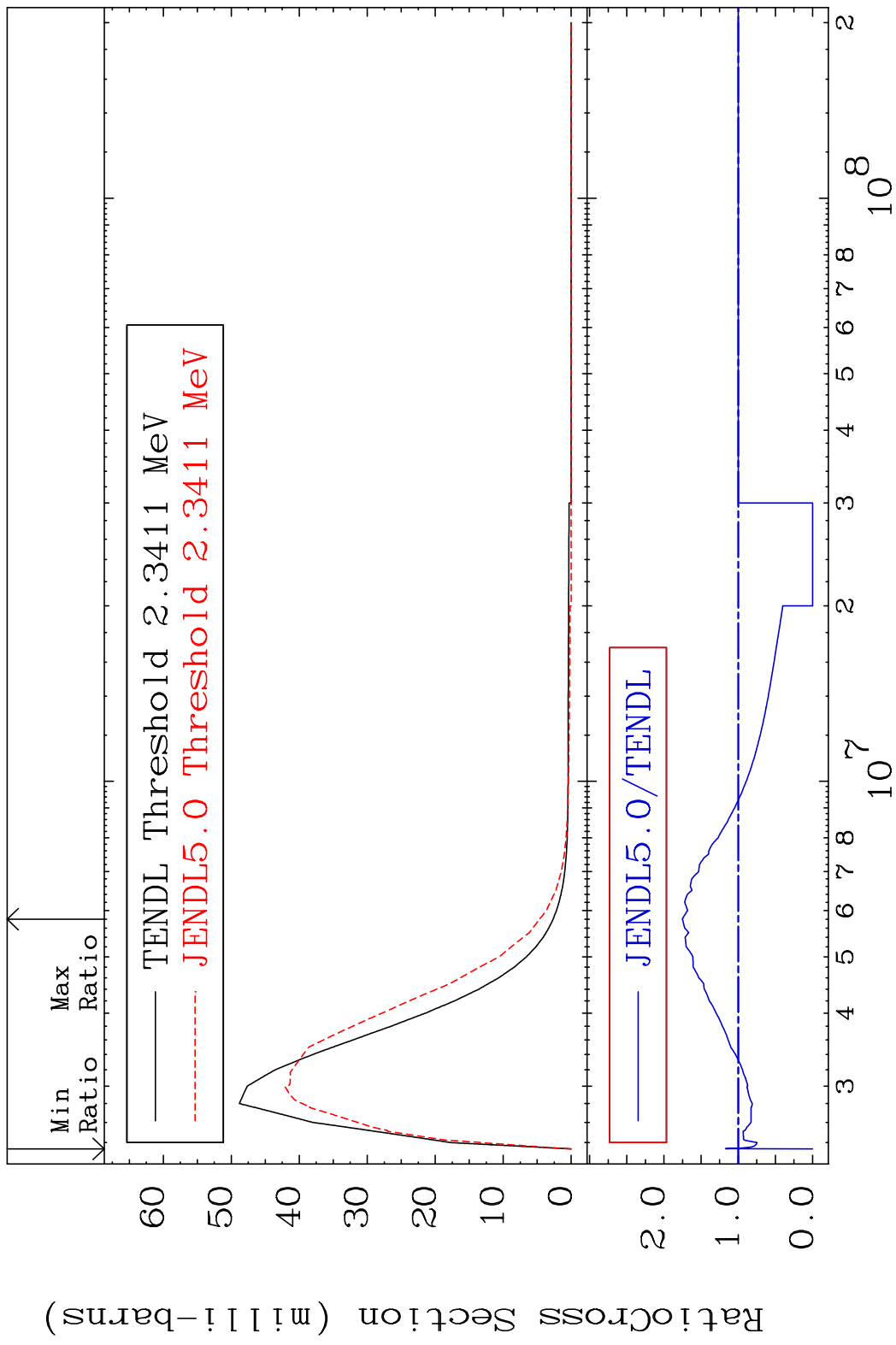
MAT 5043 MT= 55 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 70.83 %



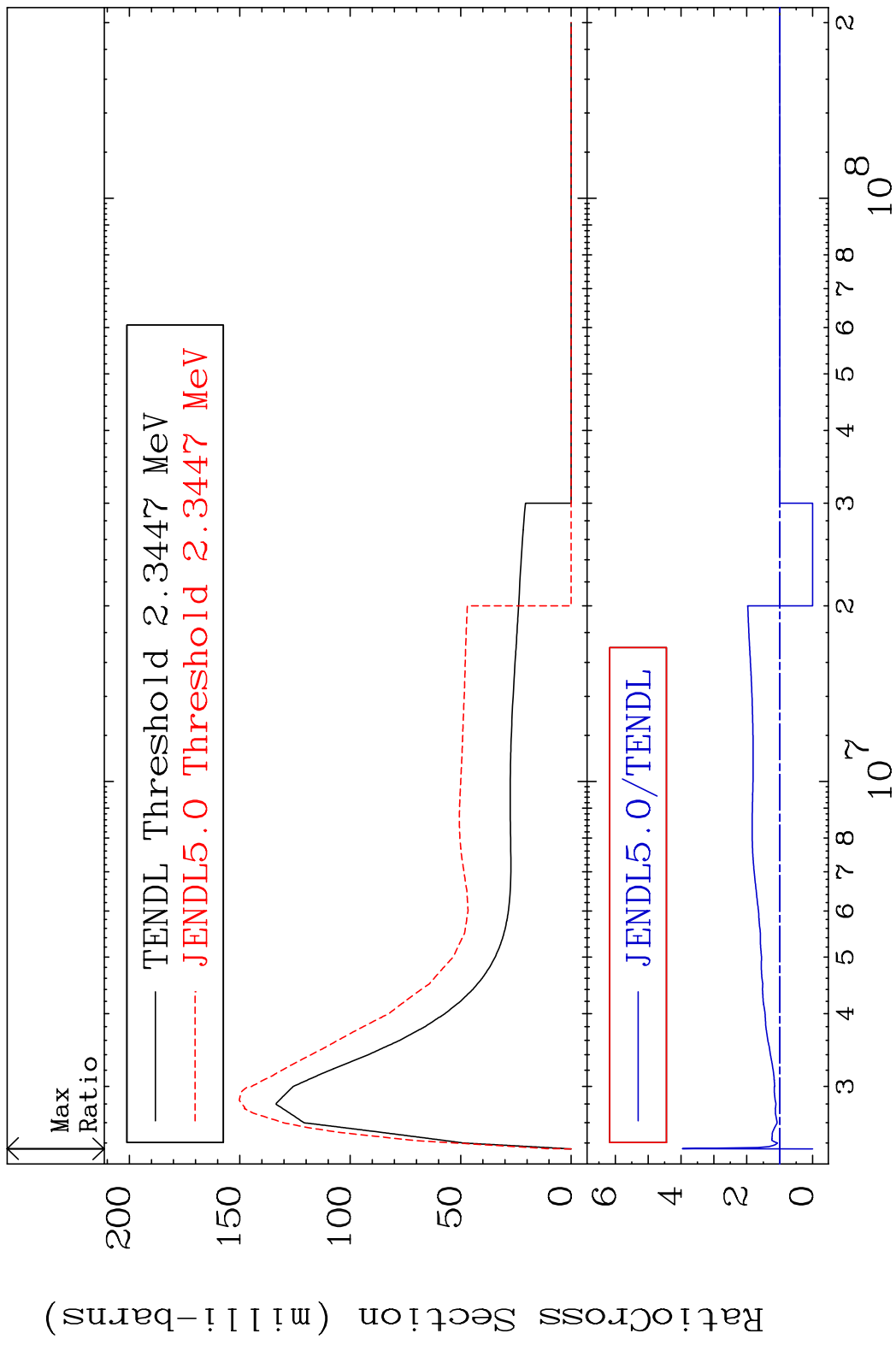
MAT 5043 MT= 56 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 59.89 %



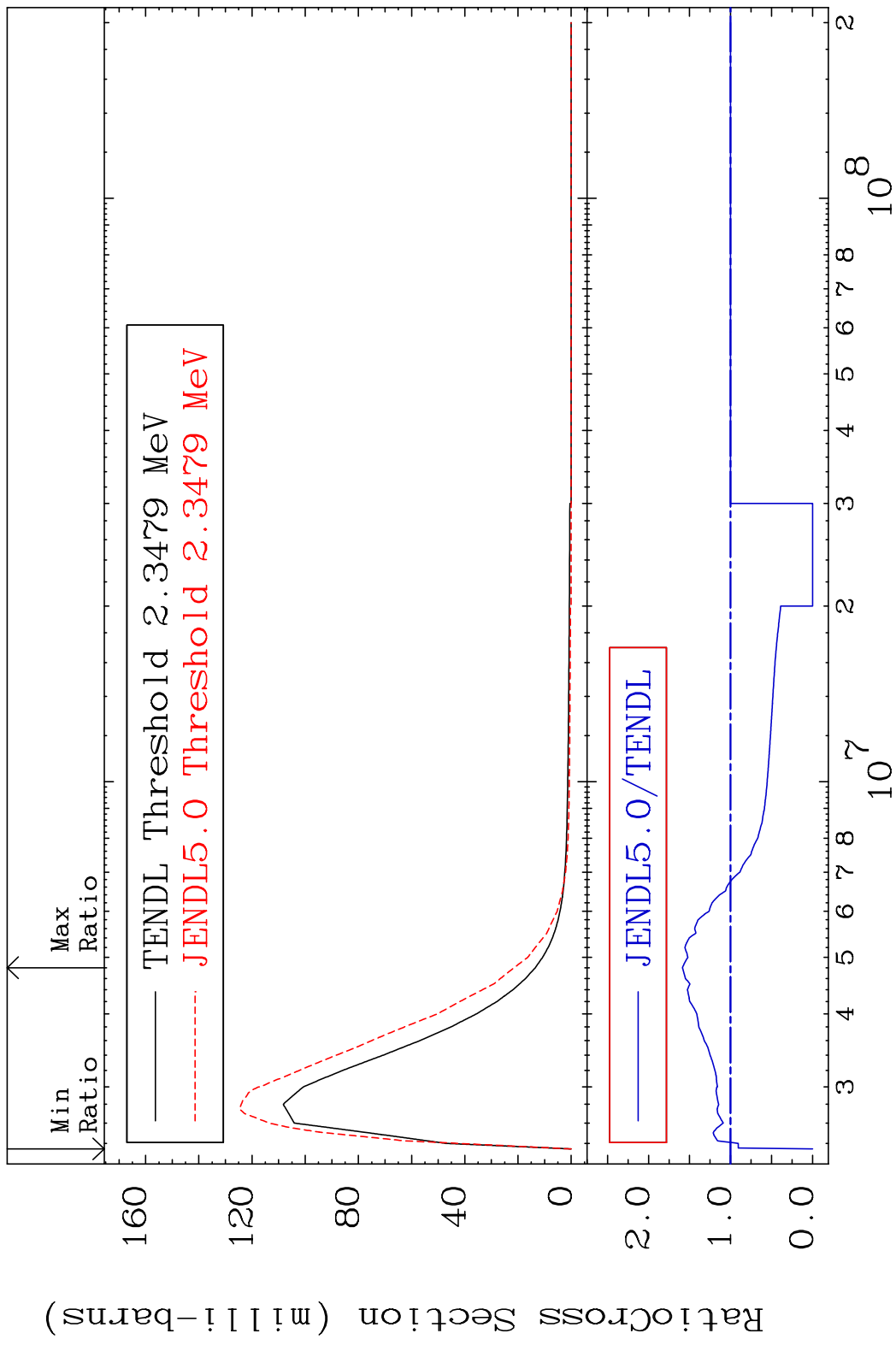
MAT 5043 MT= 57 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 75.21 %



MAT 5043 MT= 58 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 296.0 %

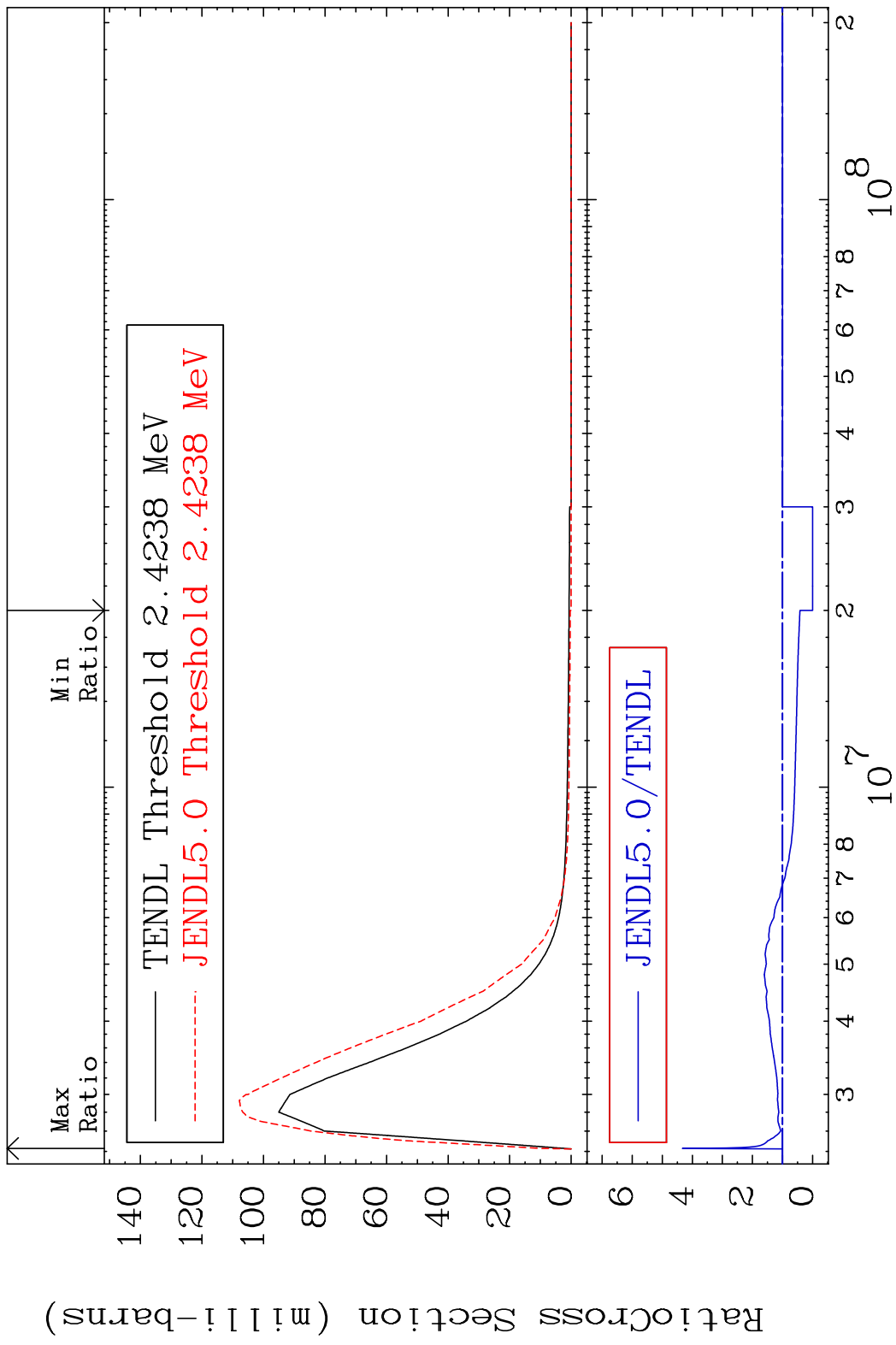


MAT 5043 MT= 59 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 58.80 %

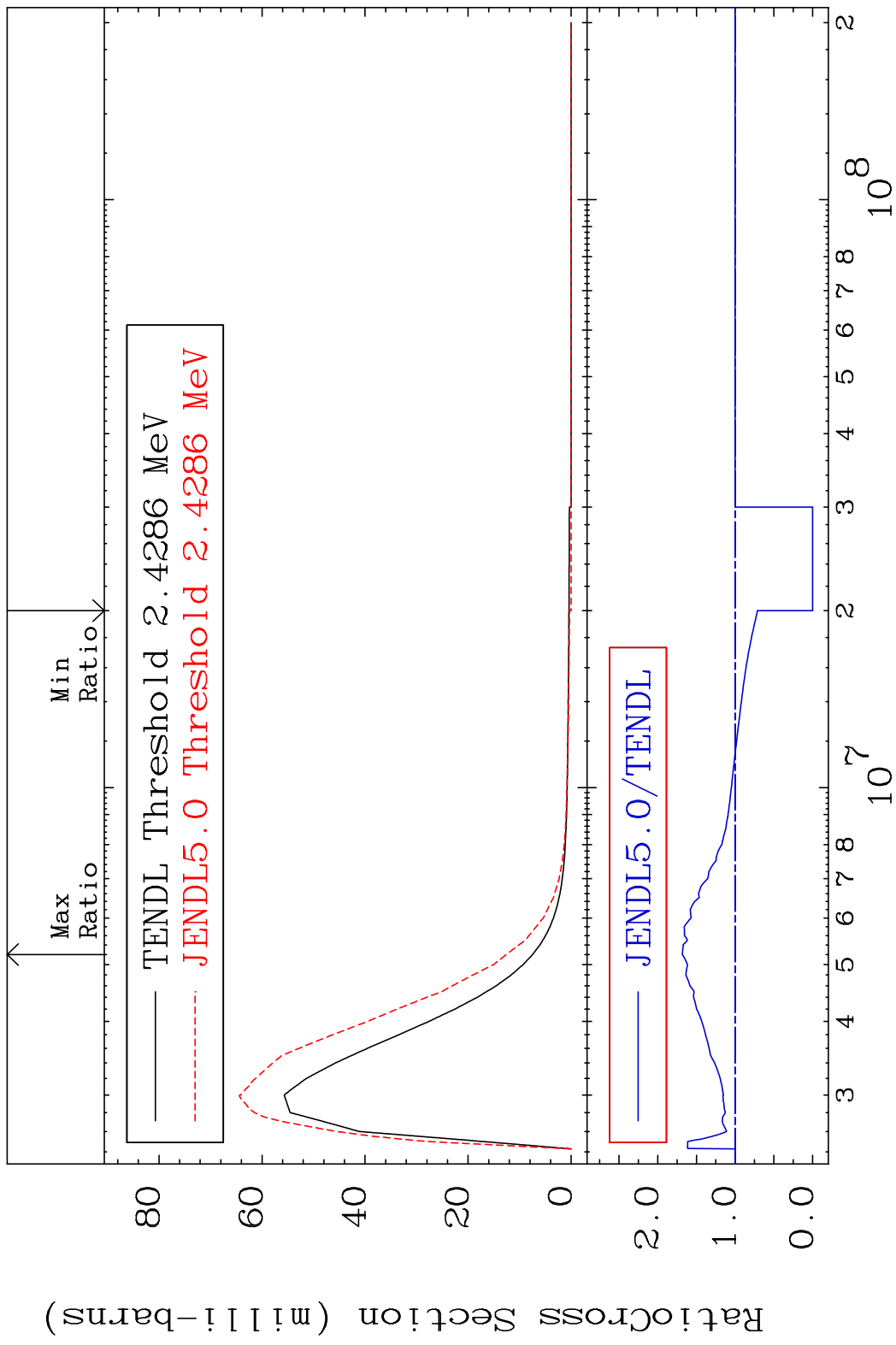


17 Incident Energy (eV) 50-Sn-118

MAT 5043 MT= 60 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 333.2 %

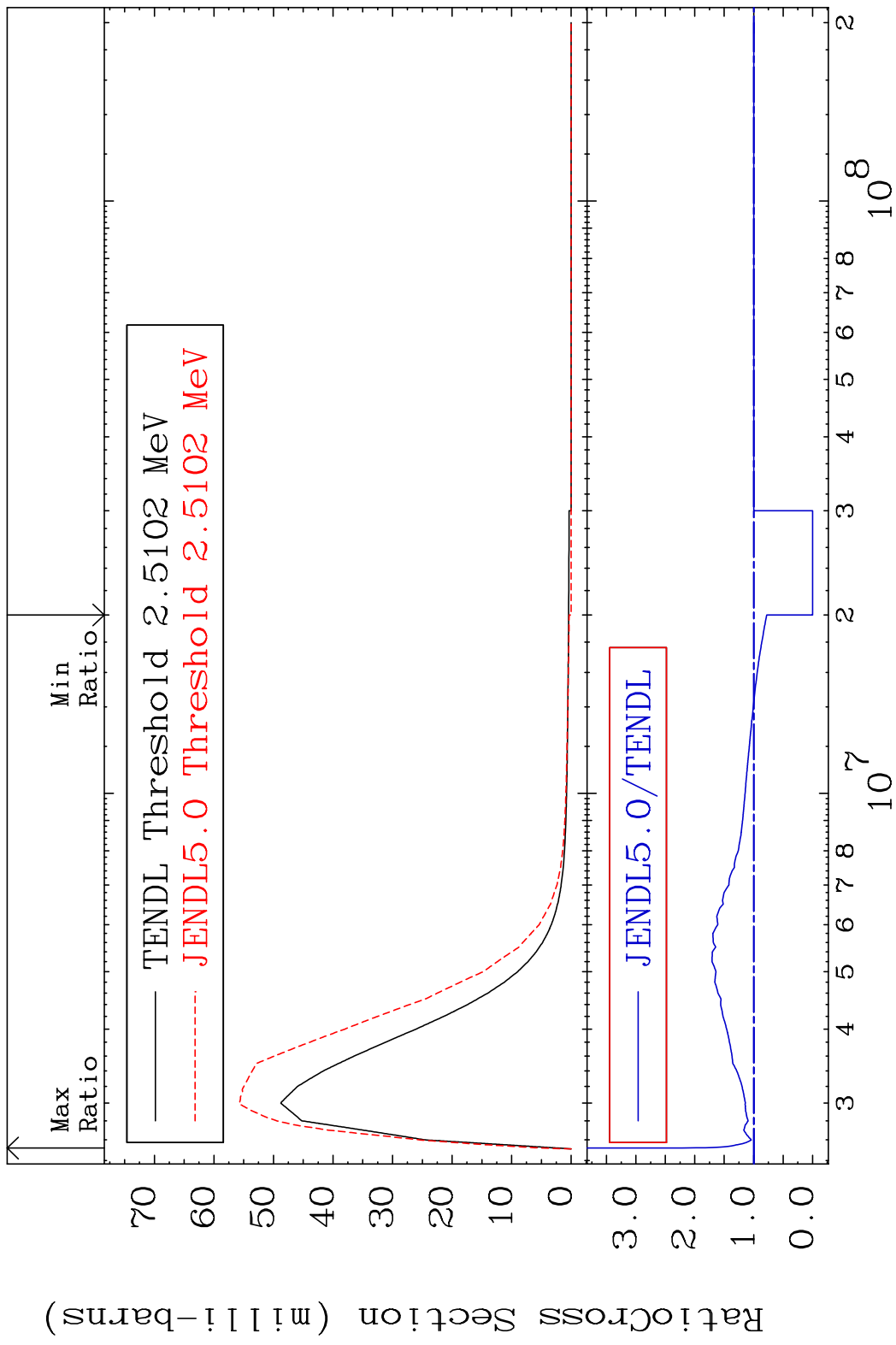


MAT 5043 MT= 61 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 68.19 %



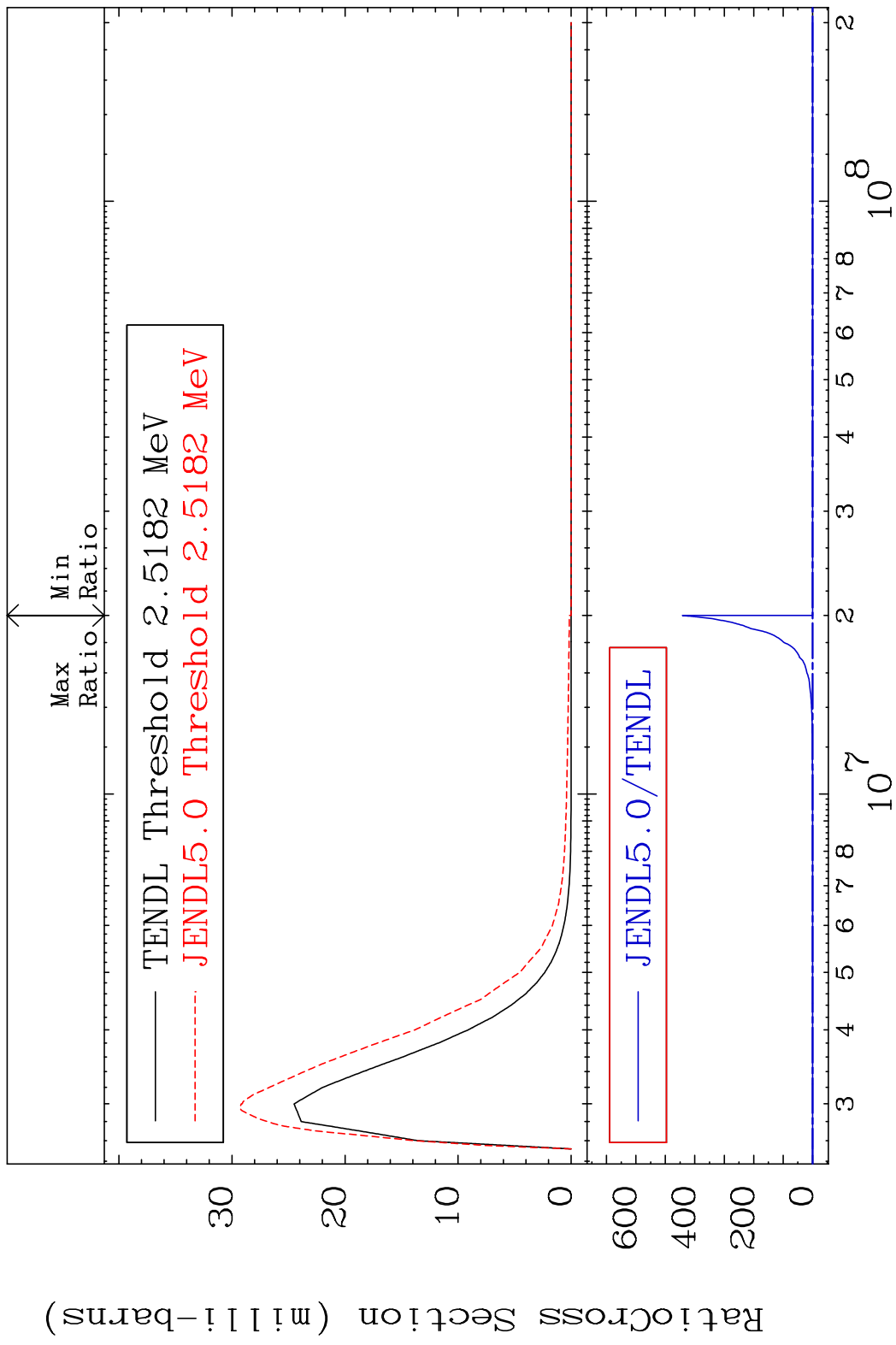
19 50-Sn-118

MAT 5043 MT= 62 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 121.1 %

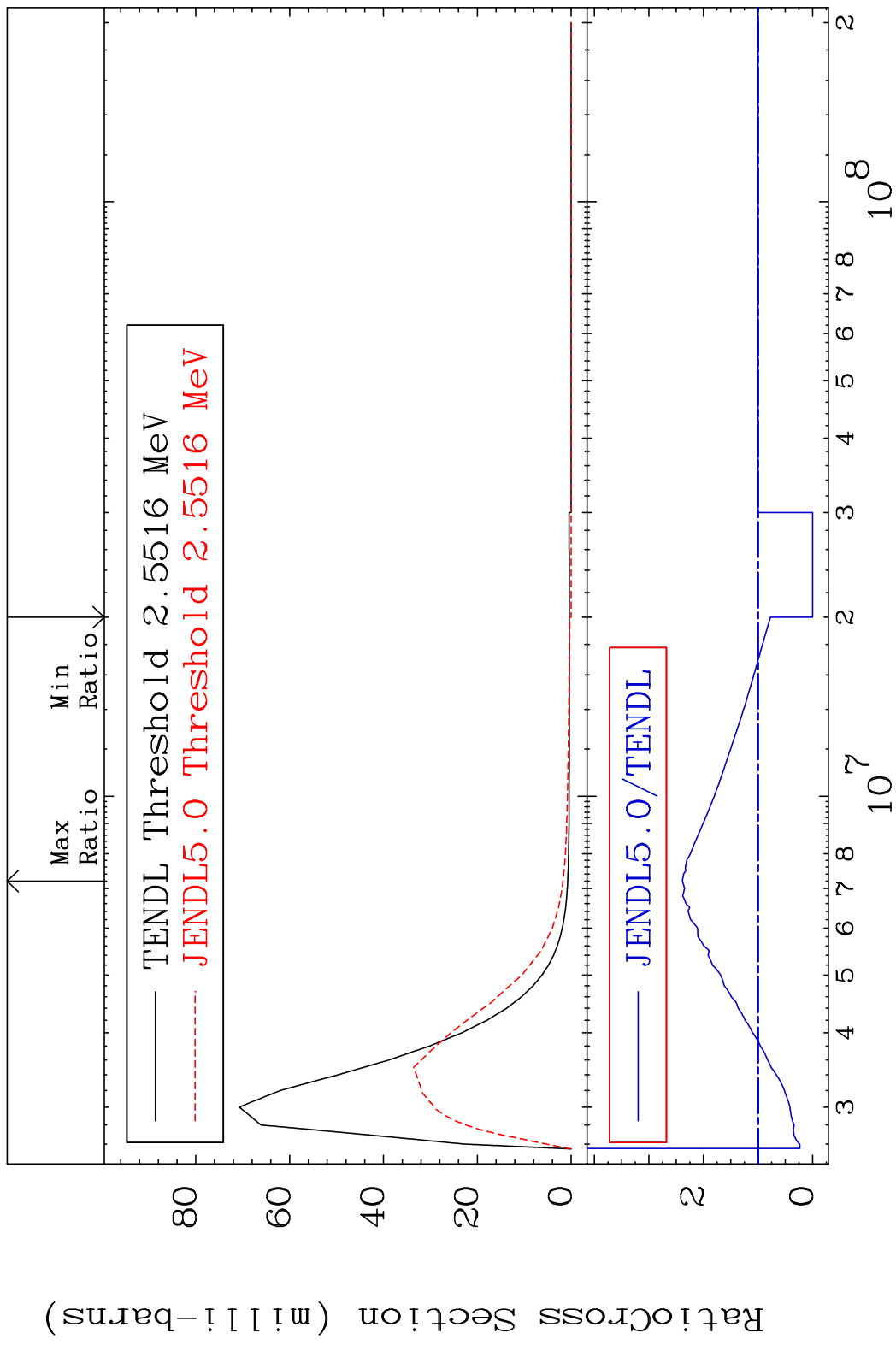


20 Incident Energy (eV) 50-Sn-118

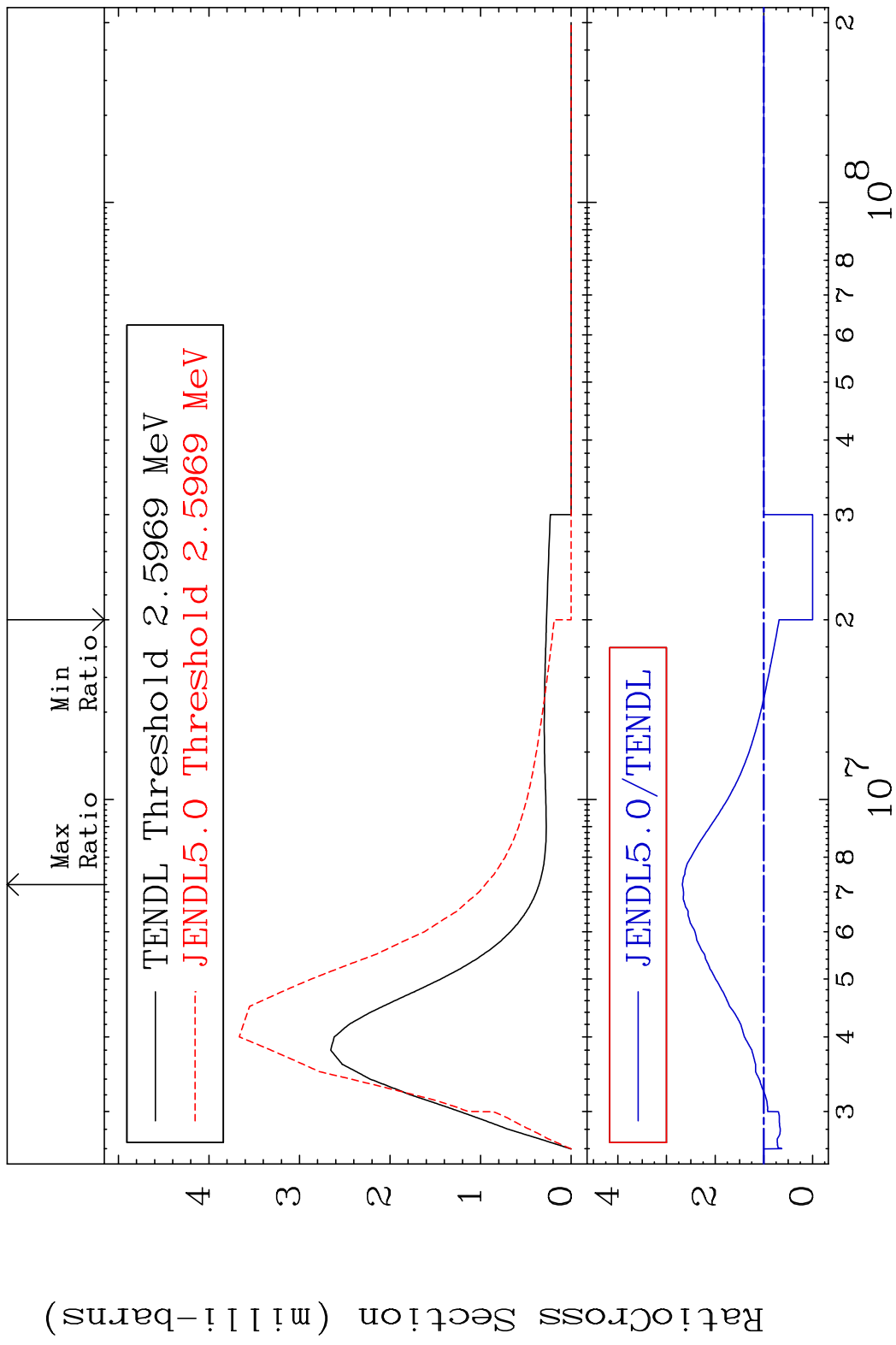
MAT 5043 MT= 63 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 9999. %



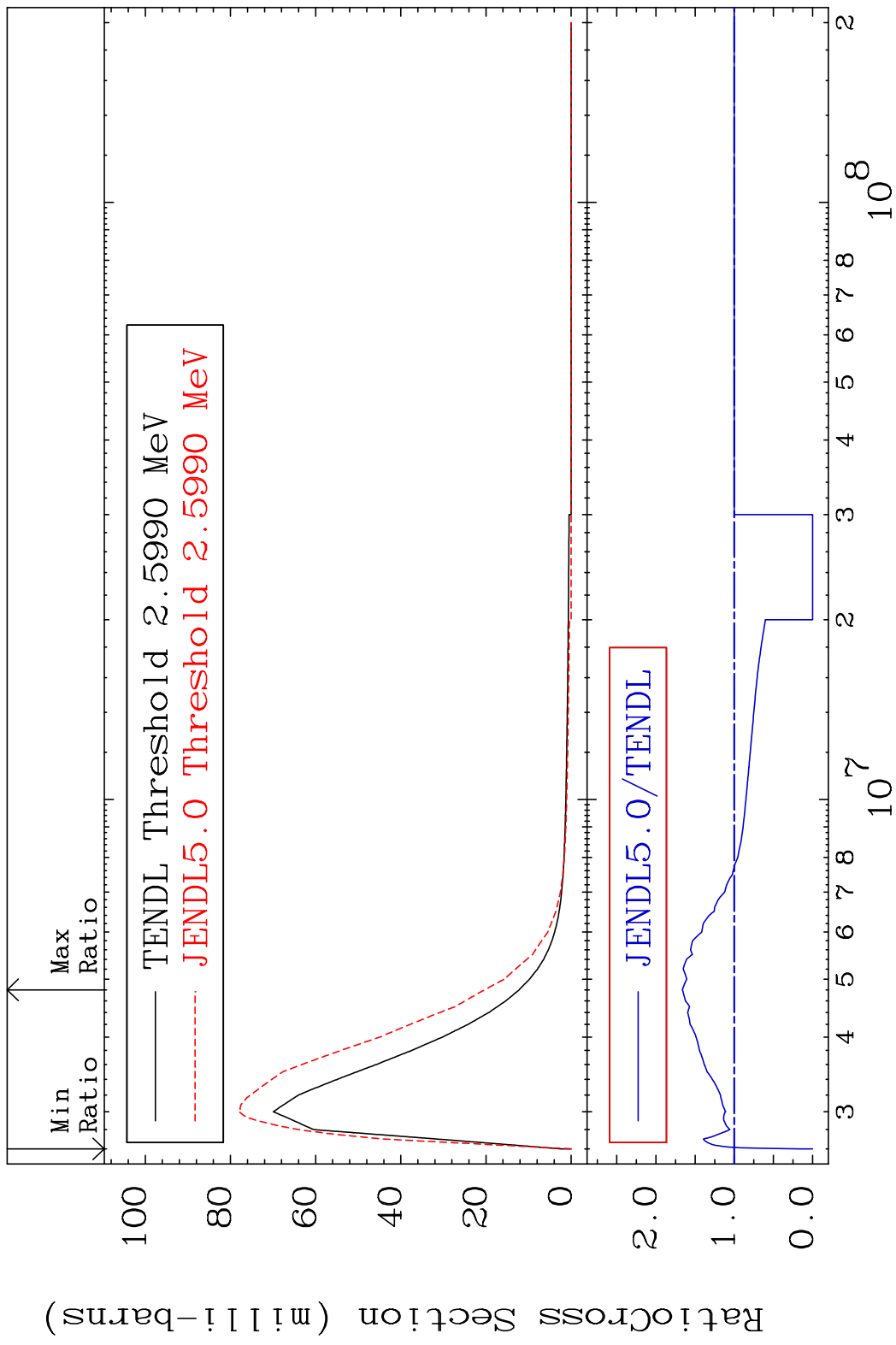
MAT 5043 MT= 64 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 138.7 %



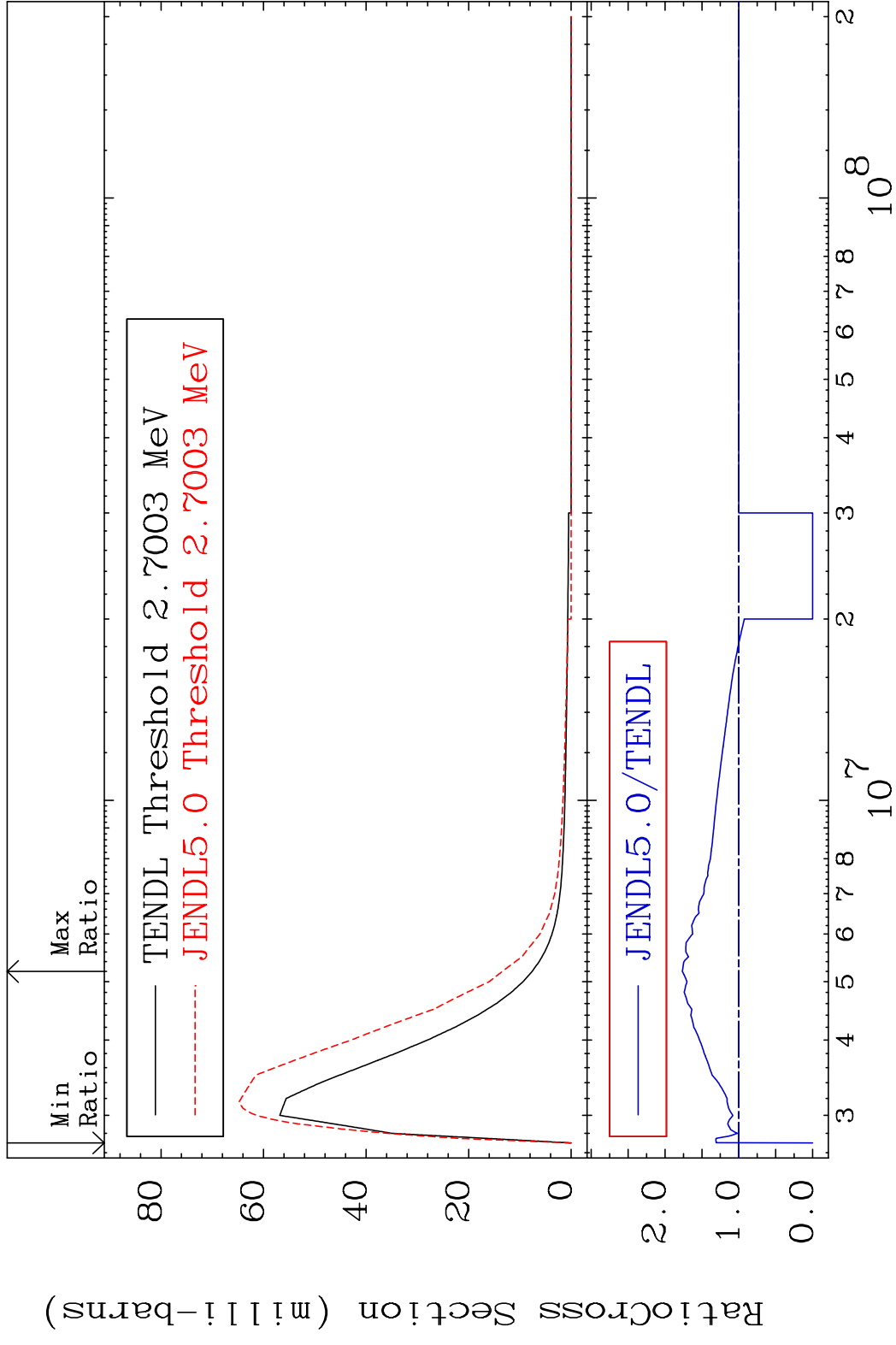
MAT 5043 MT= 65 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 167.5 %



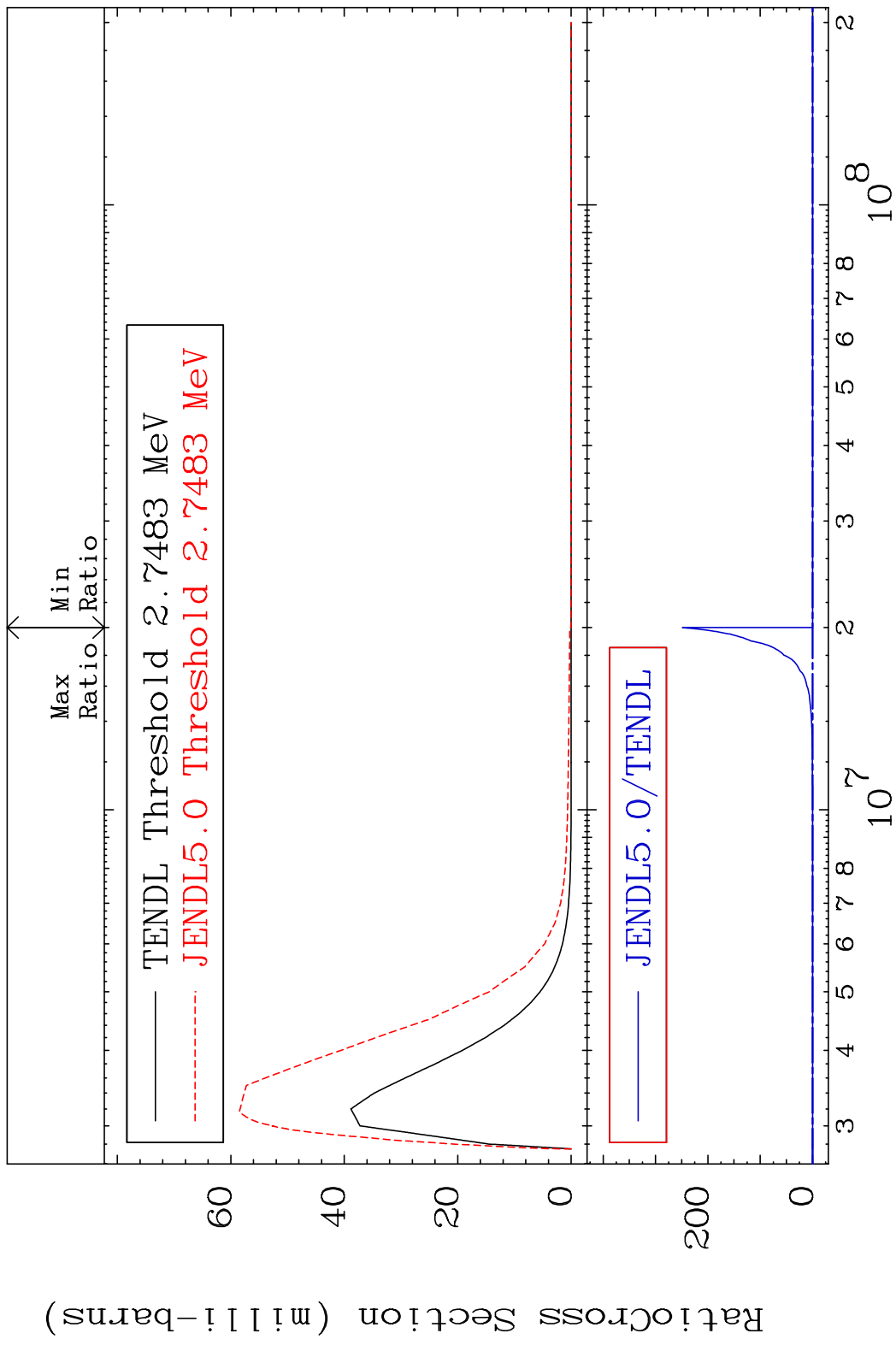
MAT 5043 MT= 66 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 66.28 %



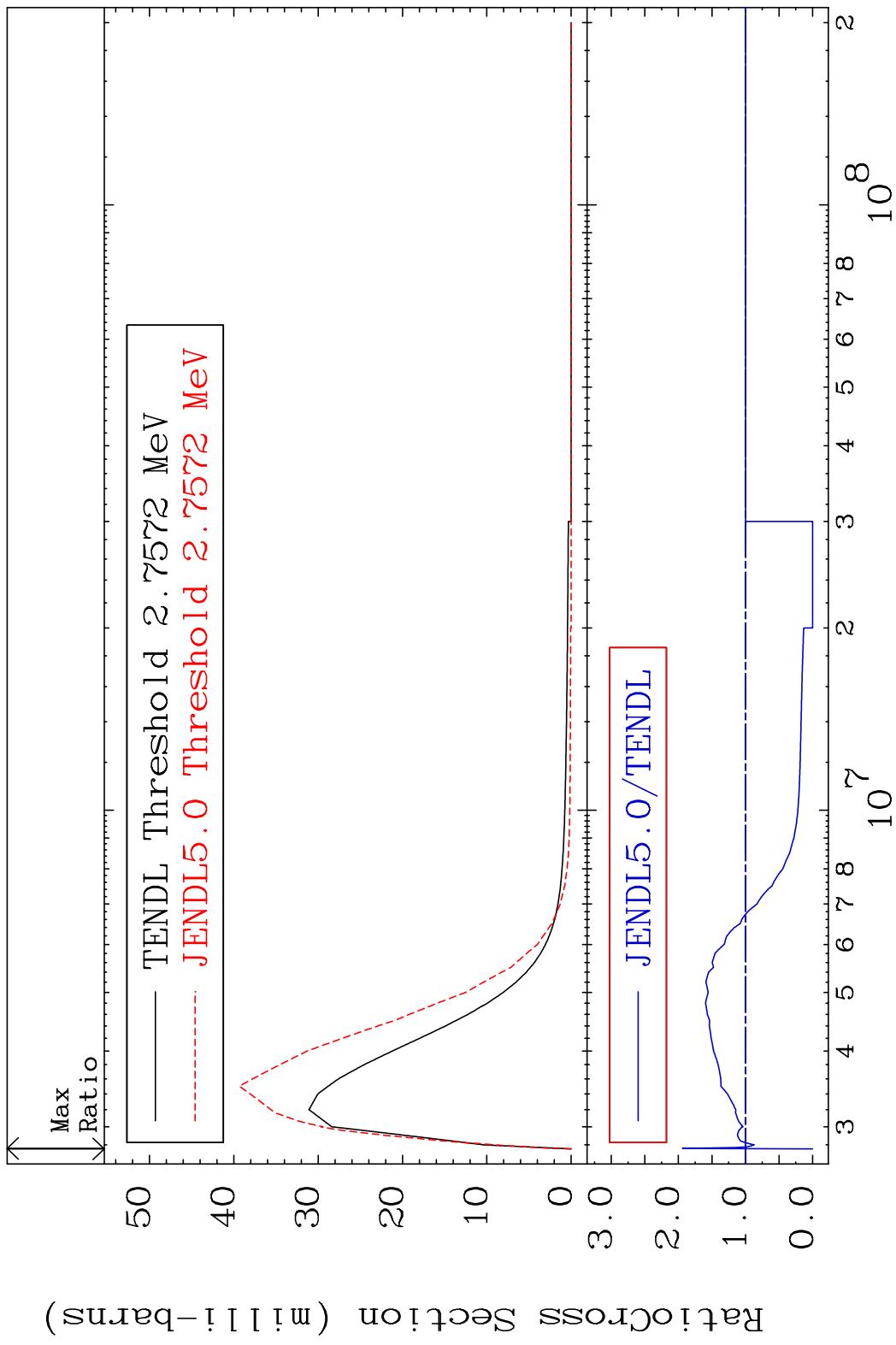
MAT 5043 MT= 67 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 76.52 %



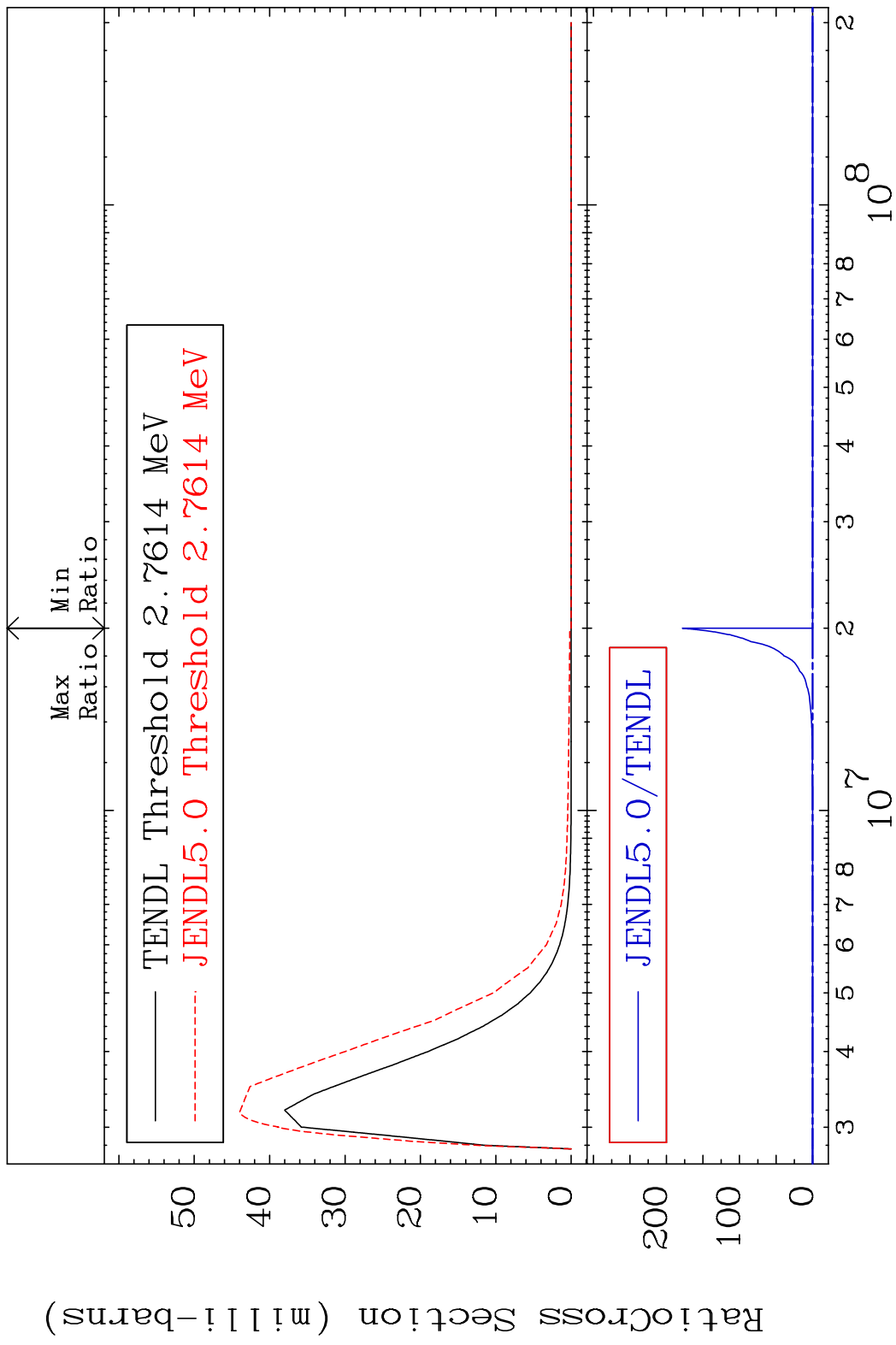
MAT 5043 MT= 68 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 9999. %



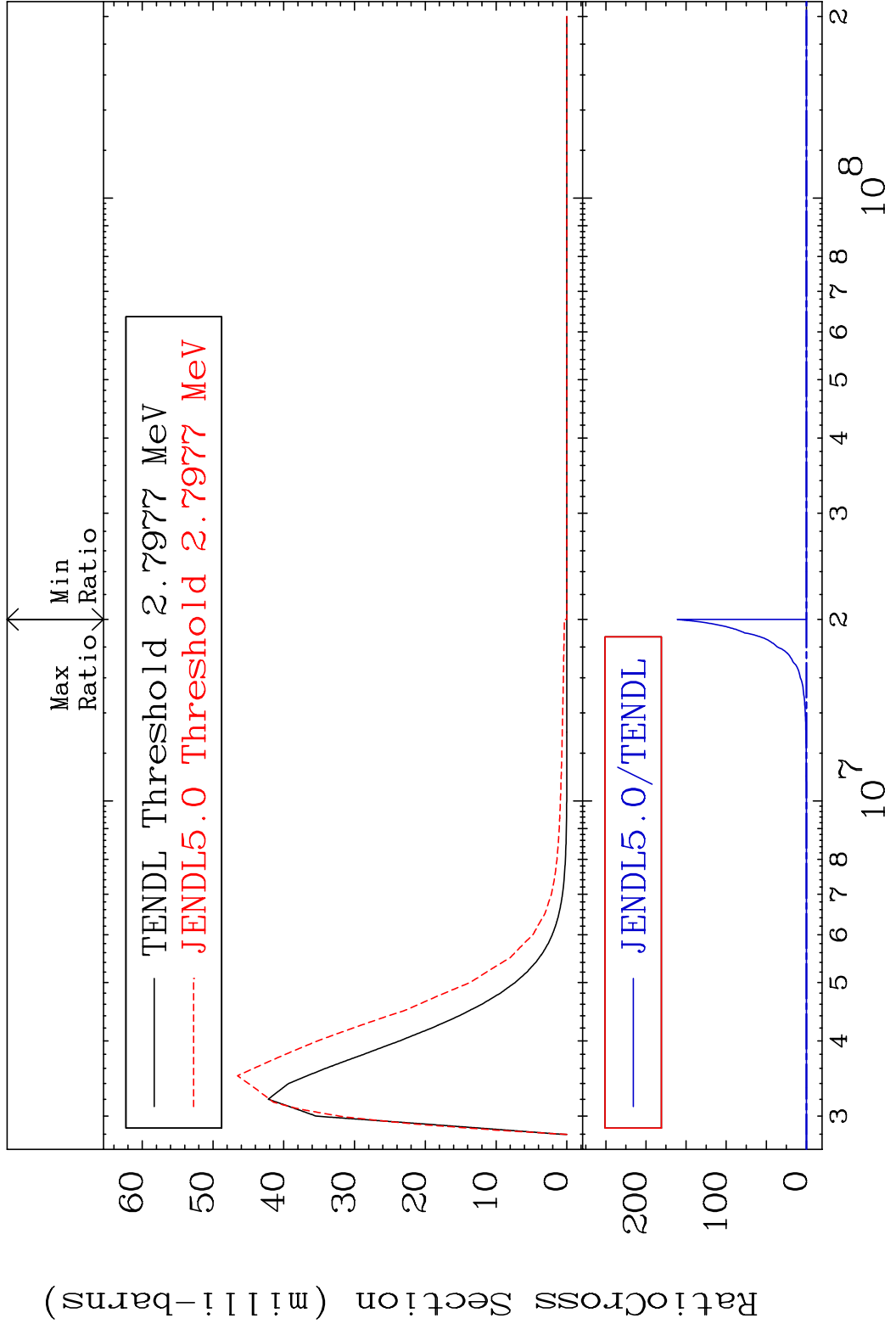
MAT 5043 MT= 69 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 94.08 %



MAT 5043 MT= 70 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 9999. %

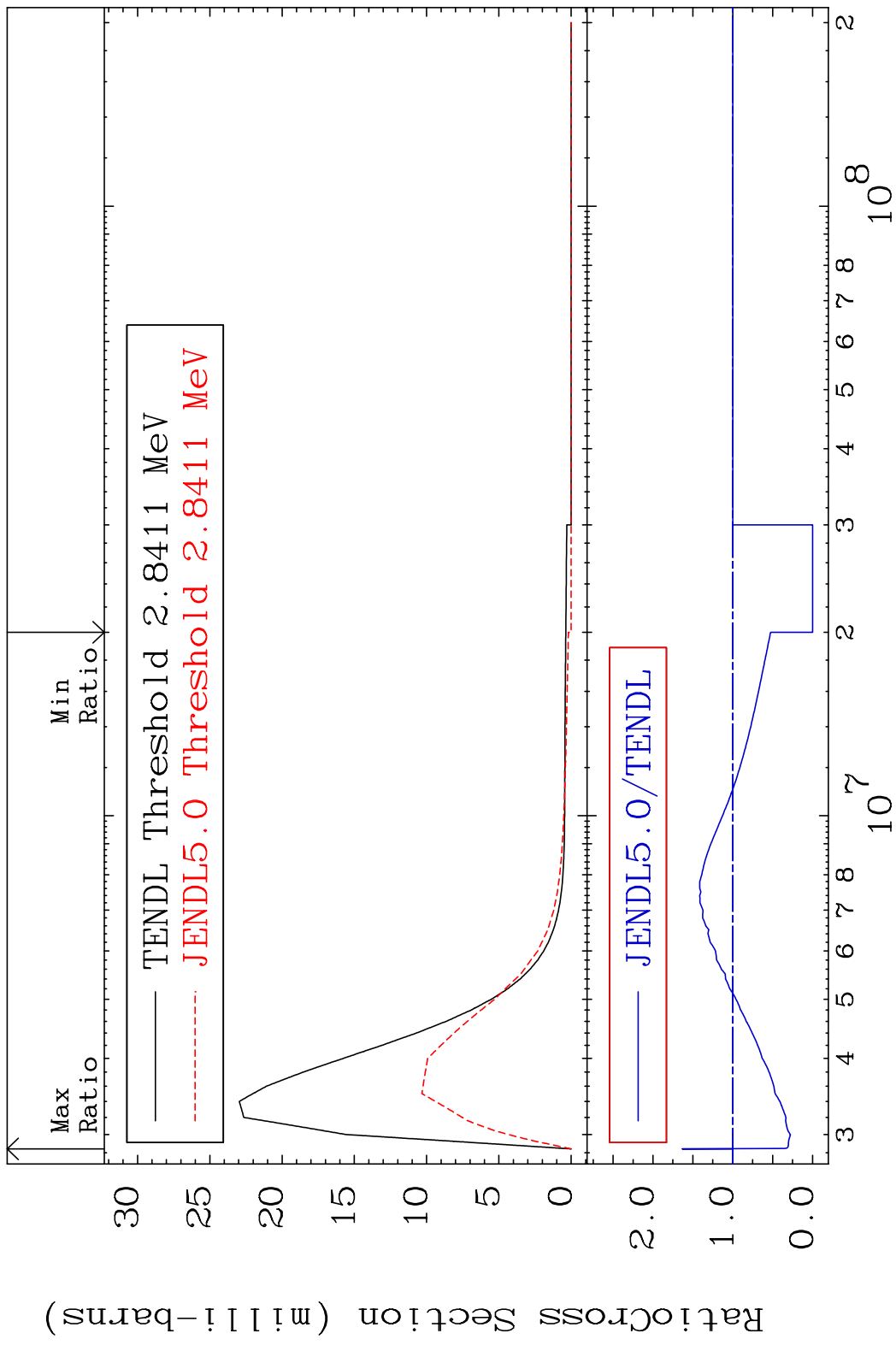


MAT 5043 MT= 71 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 9999. %

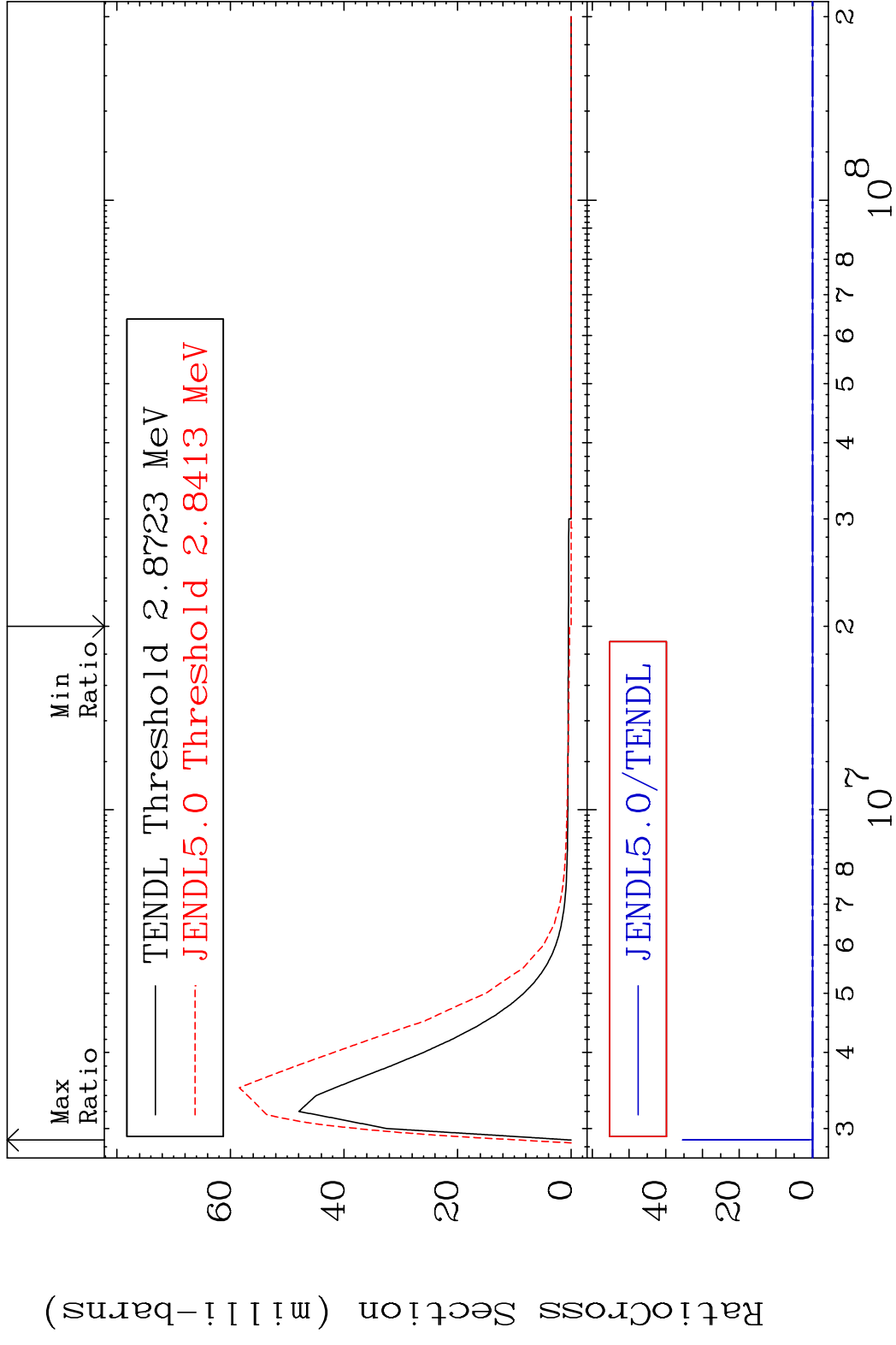


29 Incident Energy (eV) 50-Sn-118

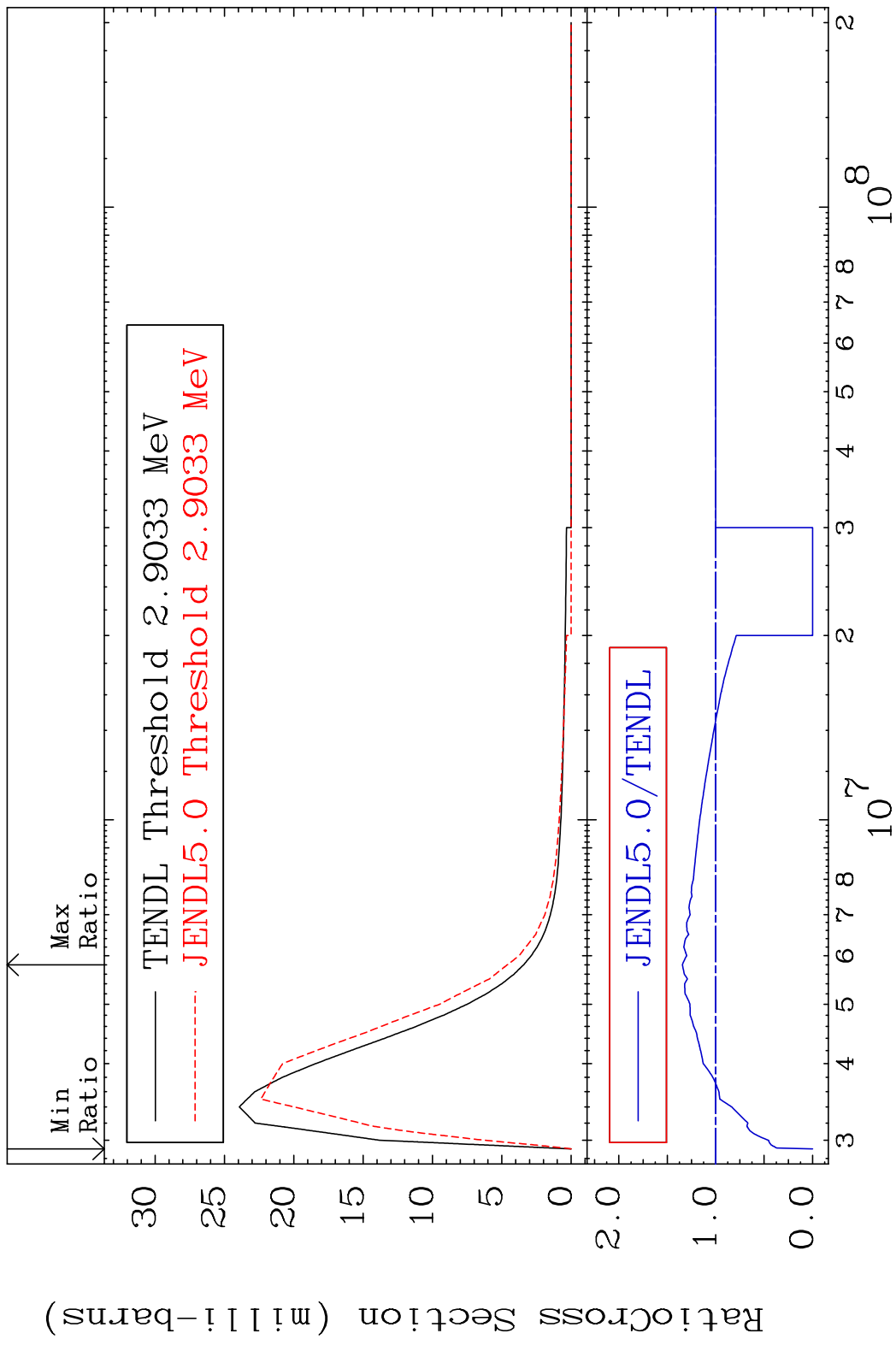
MAT 5043 MT= 72 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 63.18 %



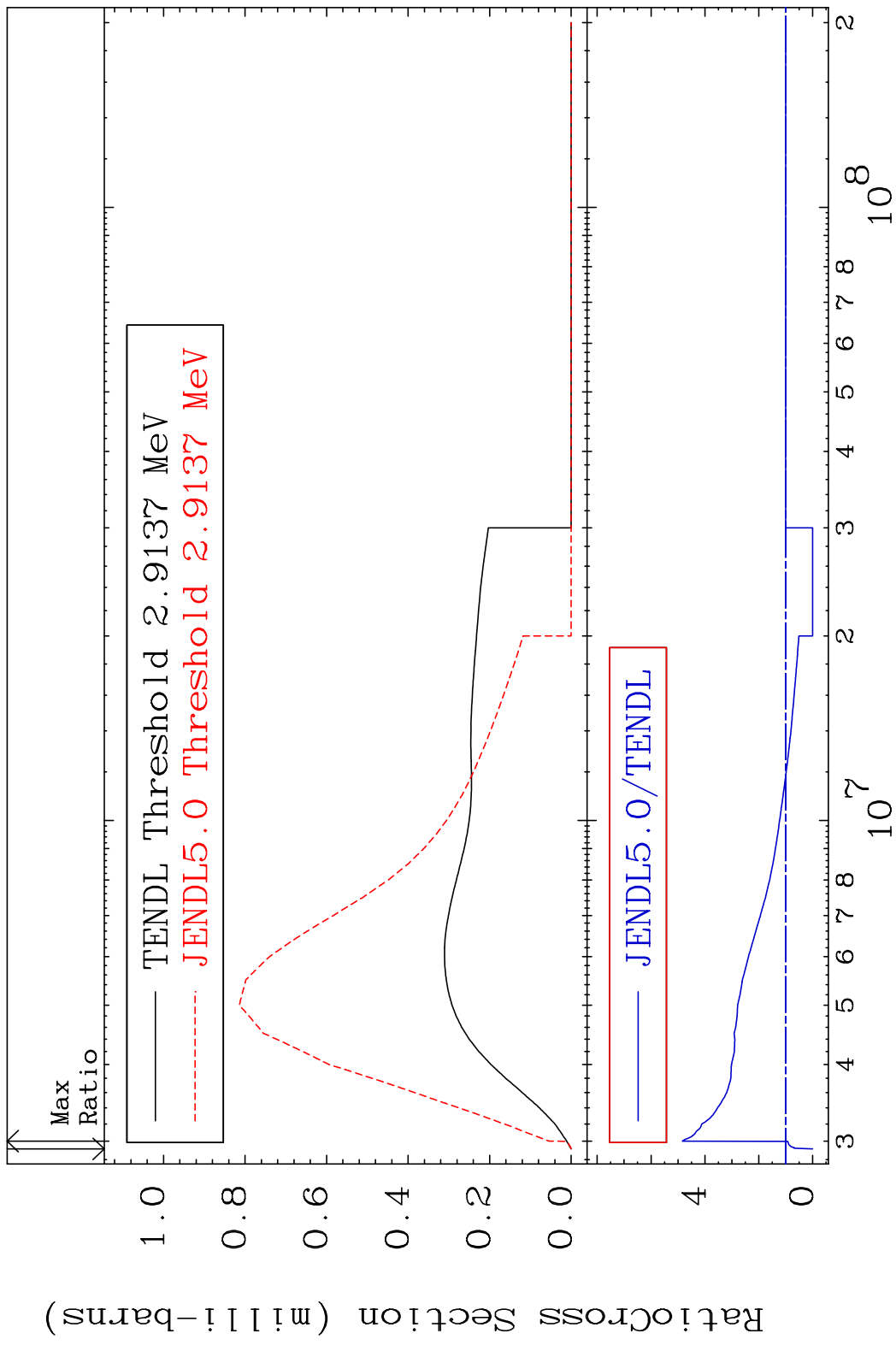
MAT 5043 MT= 73 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 9999. %



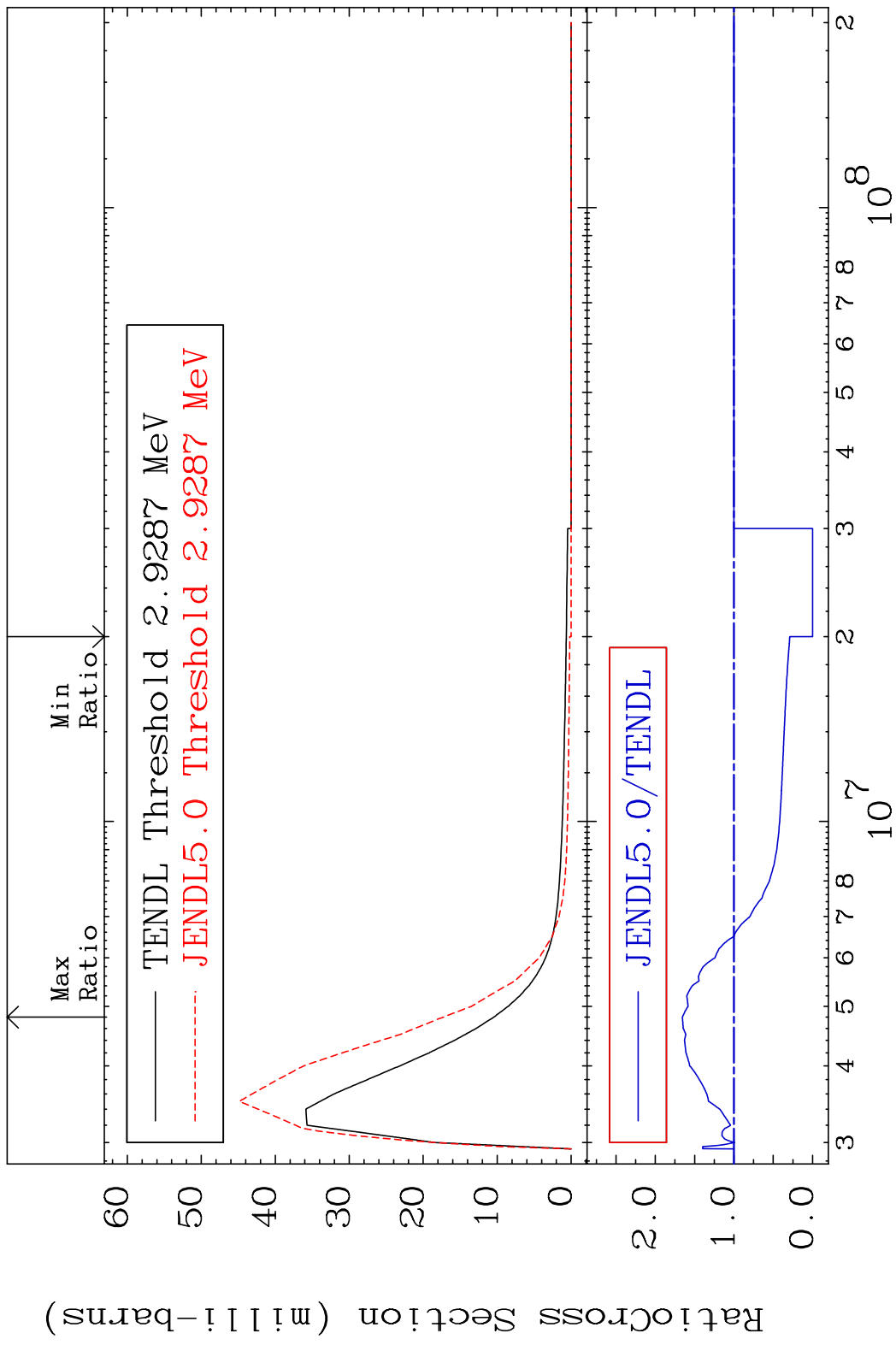
MAT 5043 MT= 74 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 34.44 %



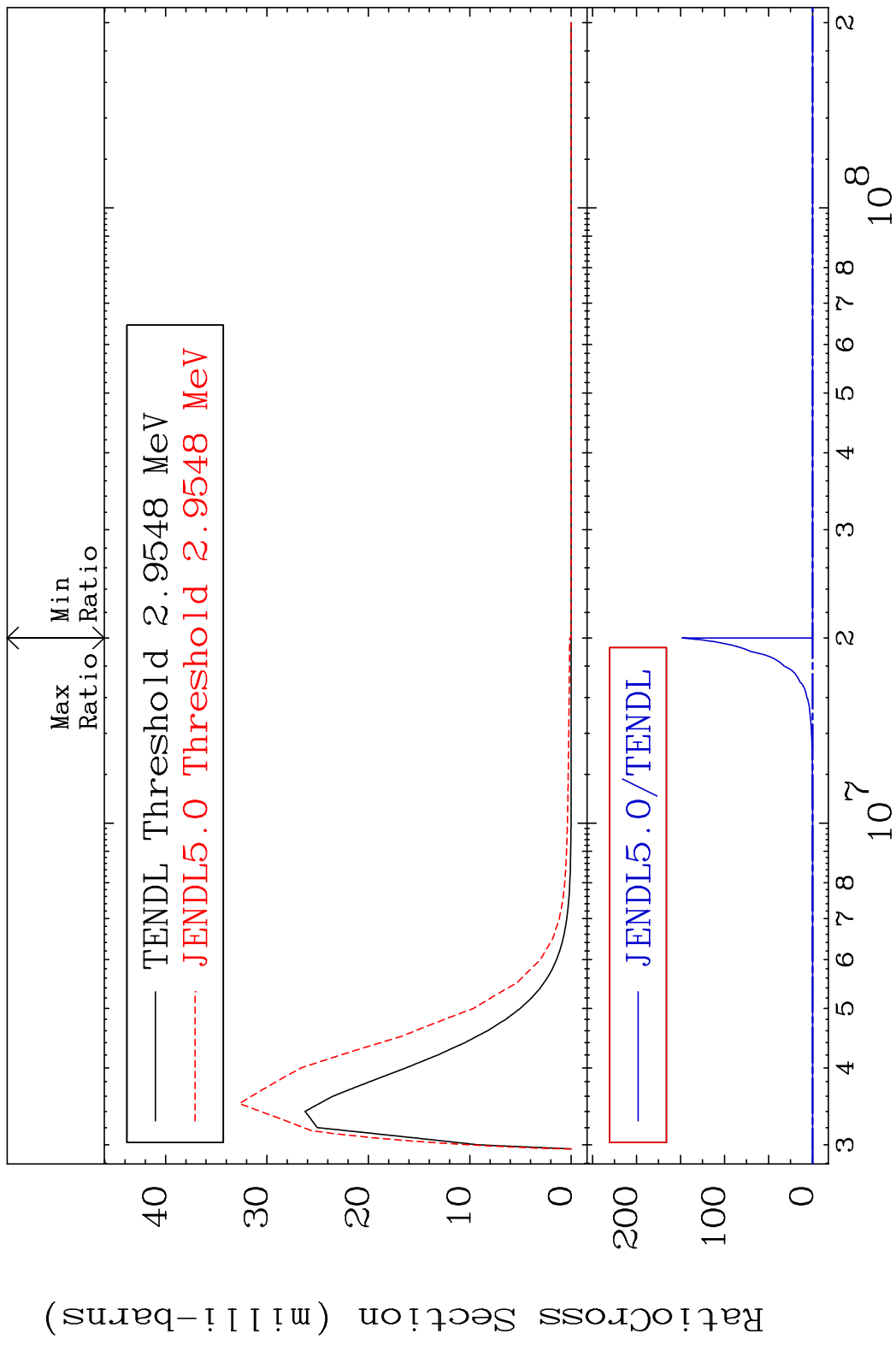
MAT 5043 MT= 75 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 383.7 %



MAT 5043 MT= 76 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 65.58 %

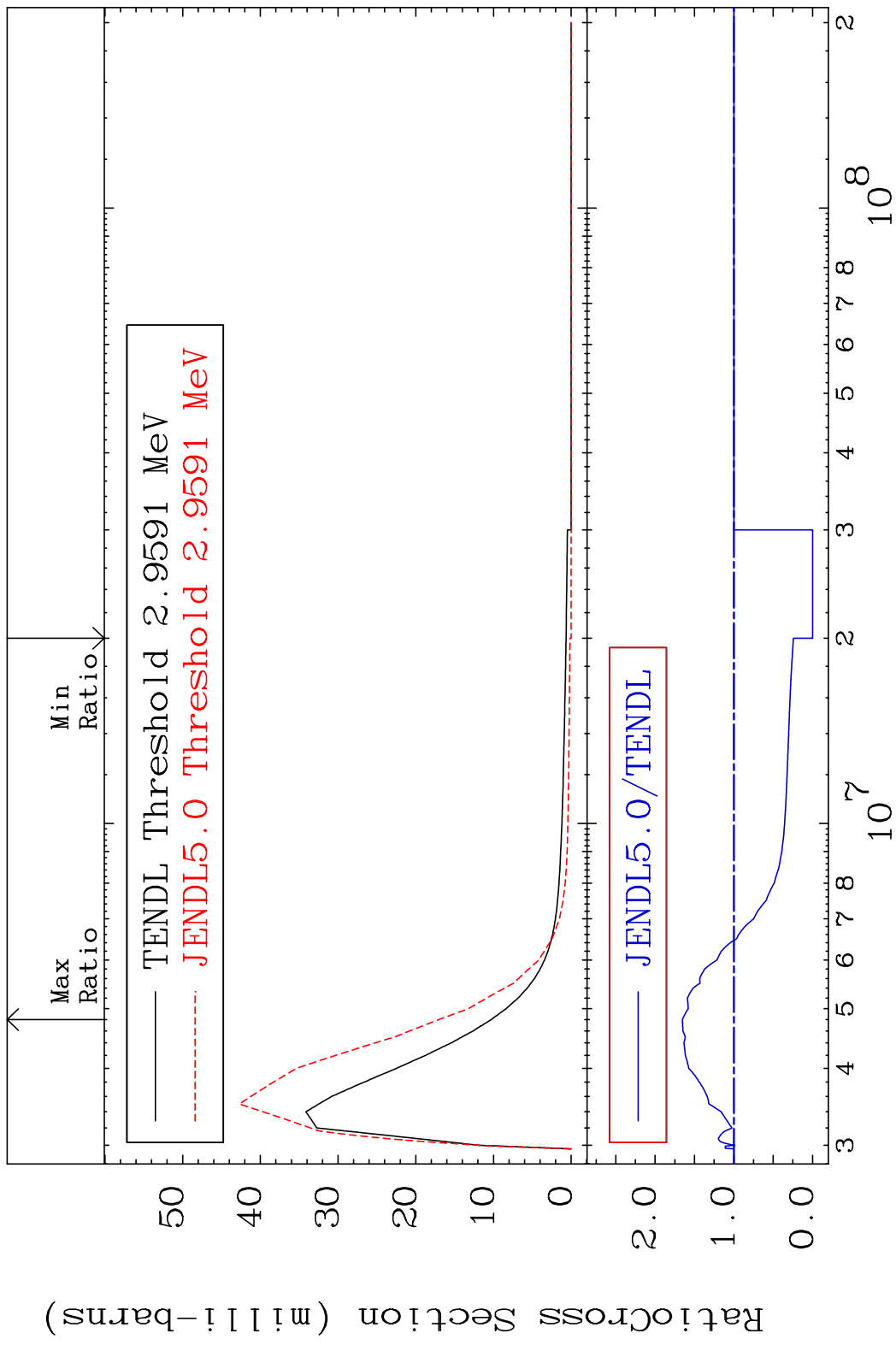


MAT 5043 MT= 77 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 9999. %

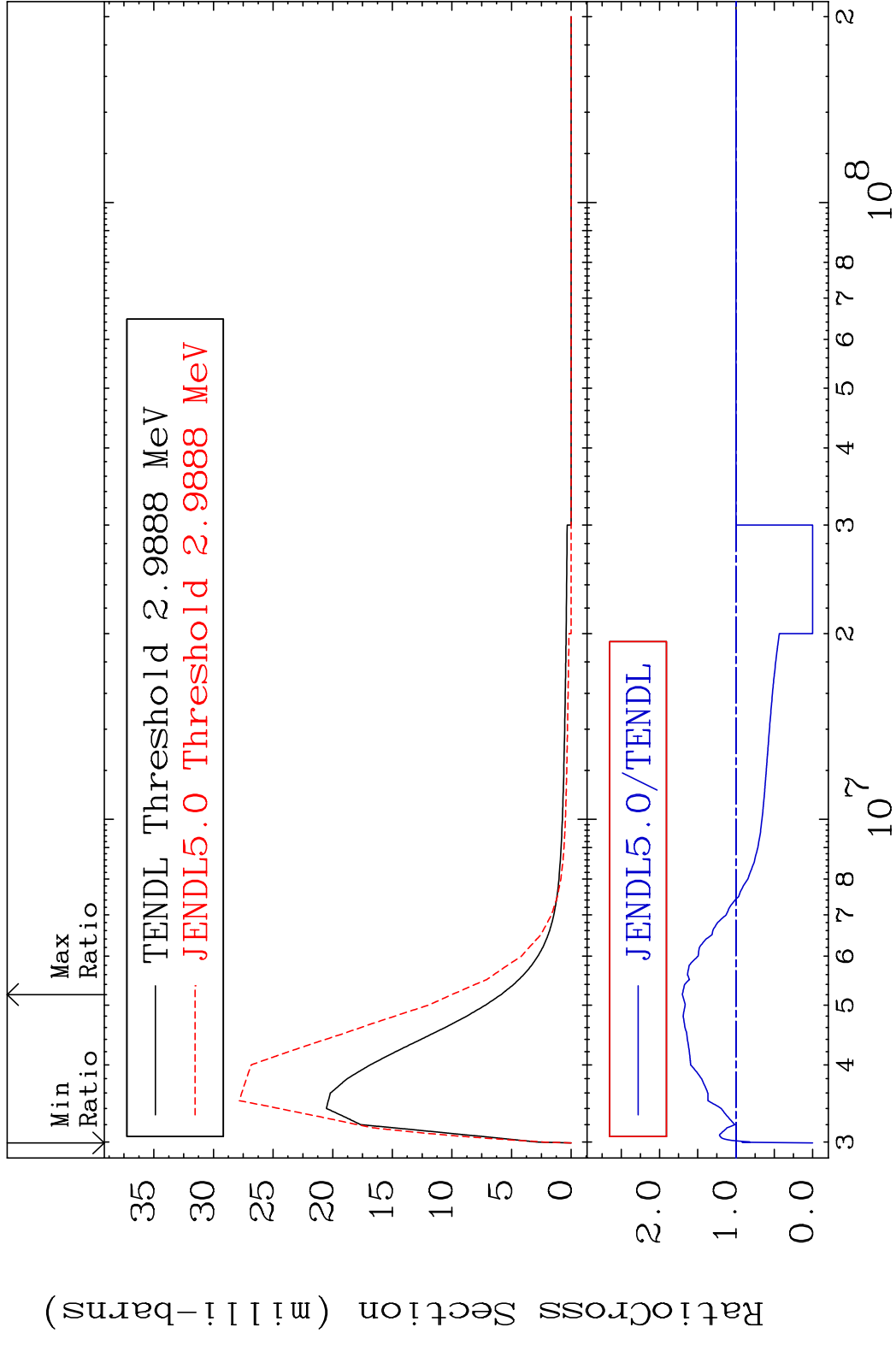


35 50-Sn-118

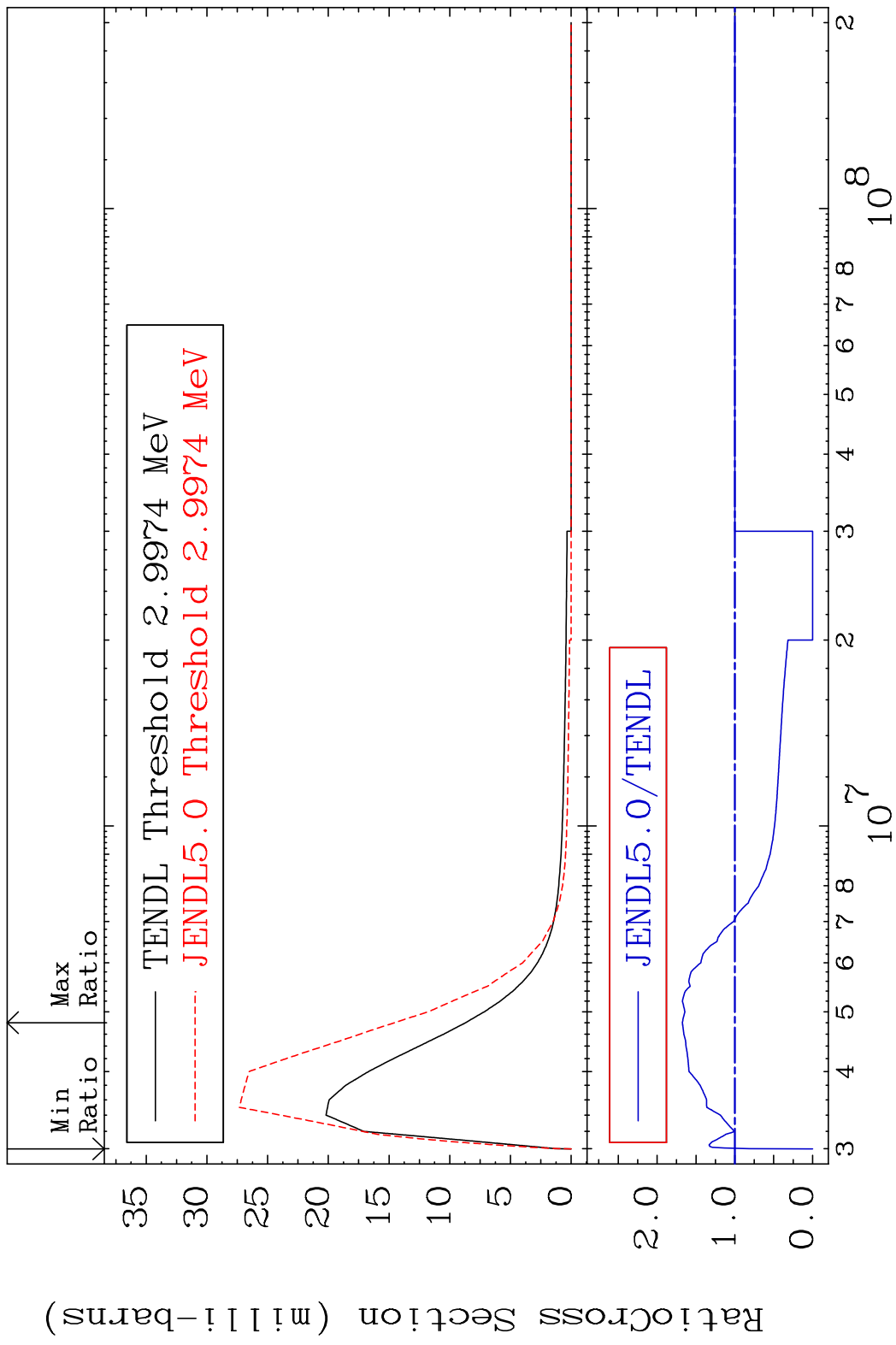
MAT 5043 MT= 78 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 65.40 %



MAT 5043 MT= 79 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 70.11 %



MAT 5043 MT= 80 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 67.50 %

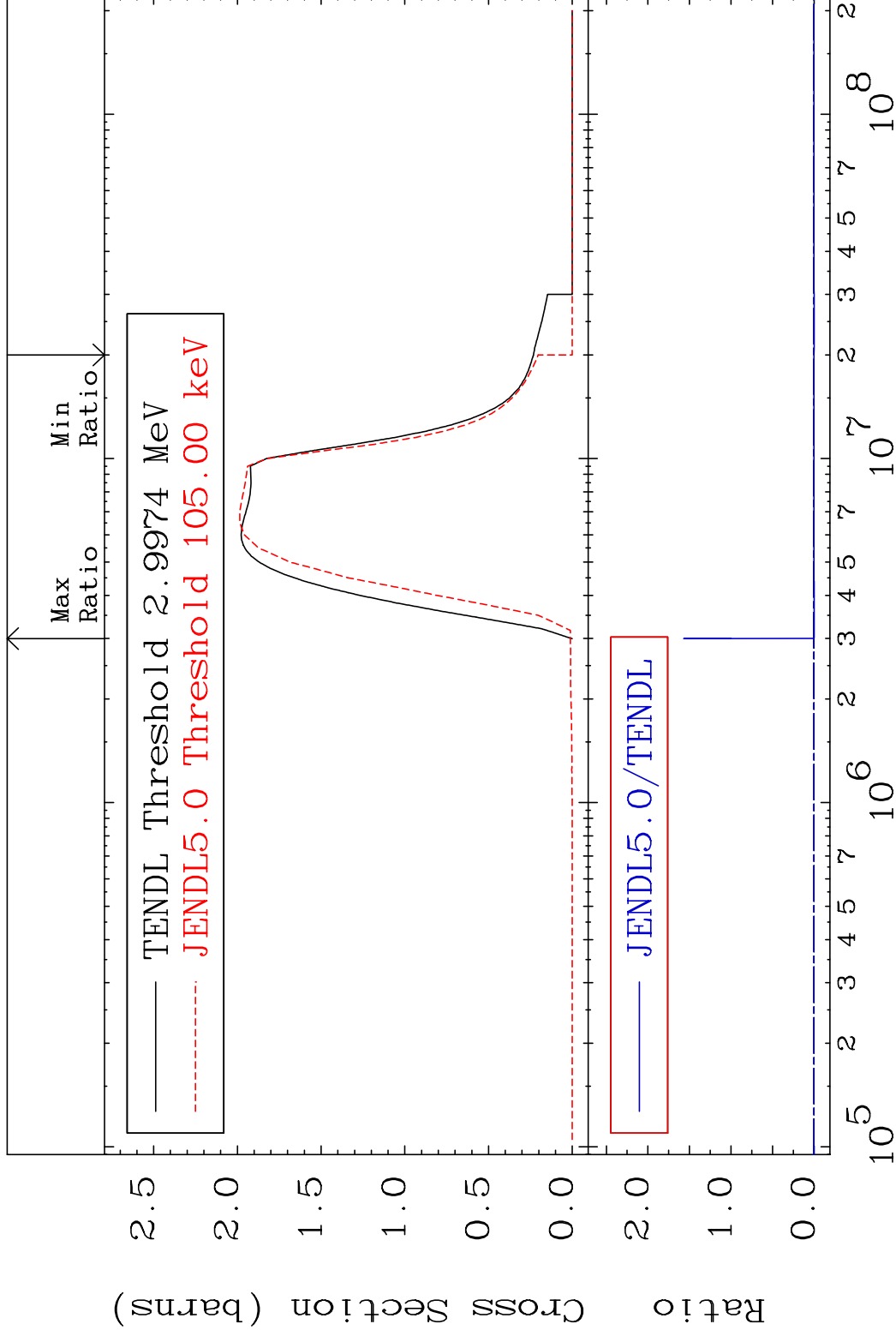


MAT 5043

(n,n') Continuum

50-Sn-118

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

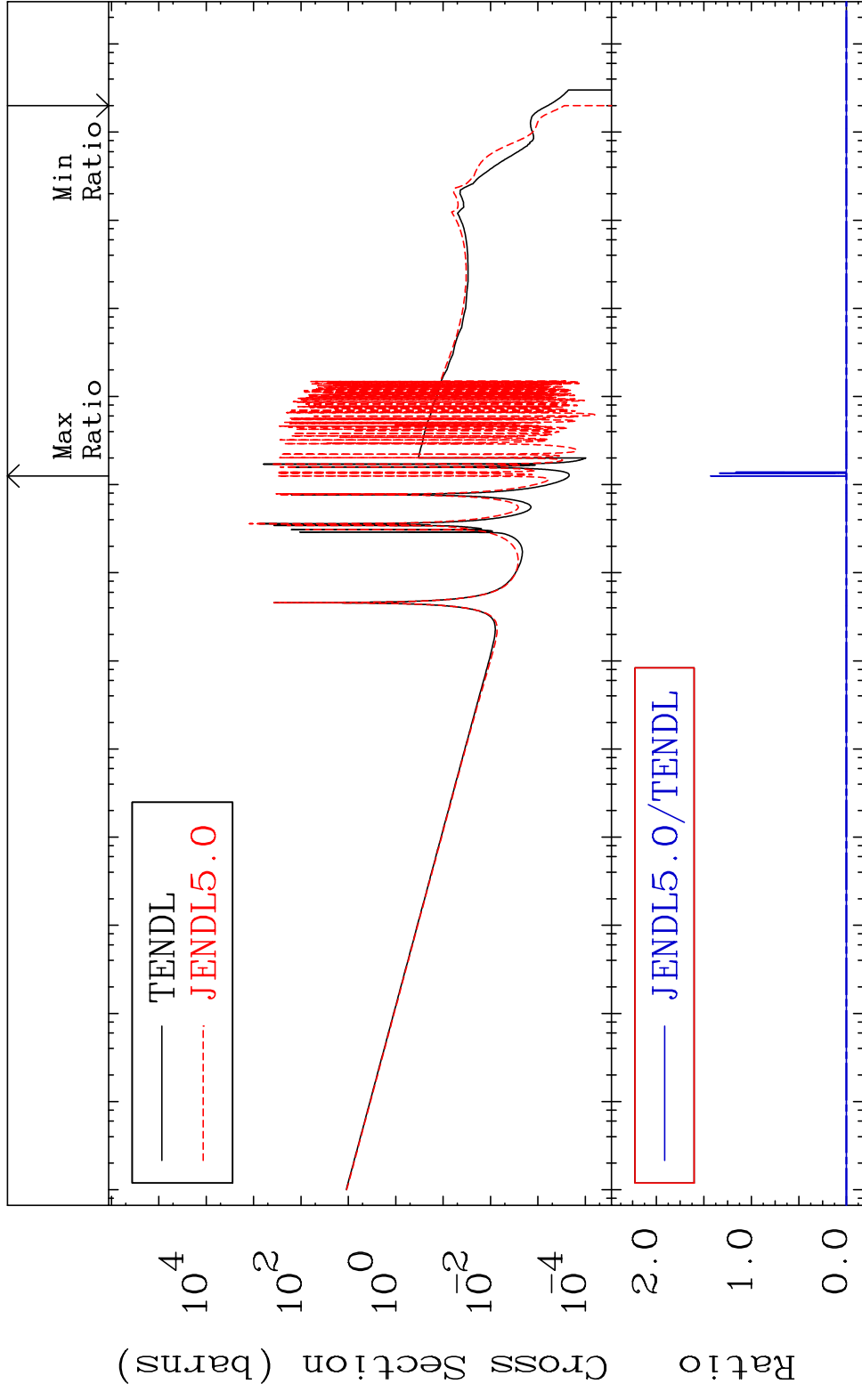
50-Sn-118

MAT 5043

50-Sn-118

(n, γ)

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

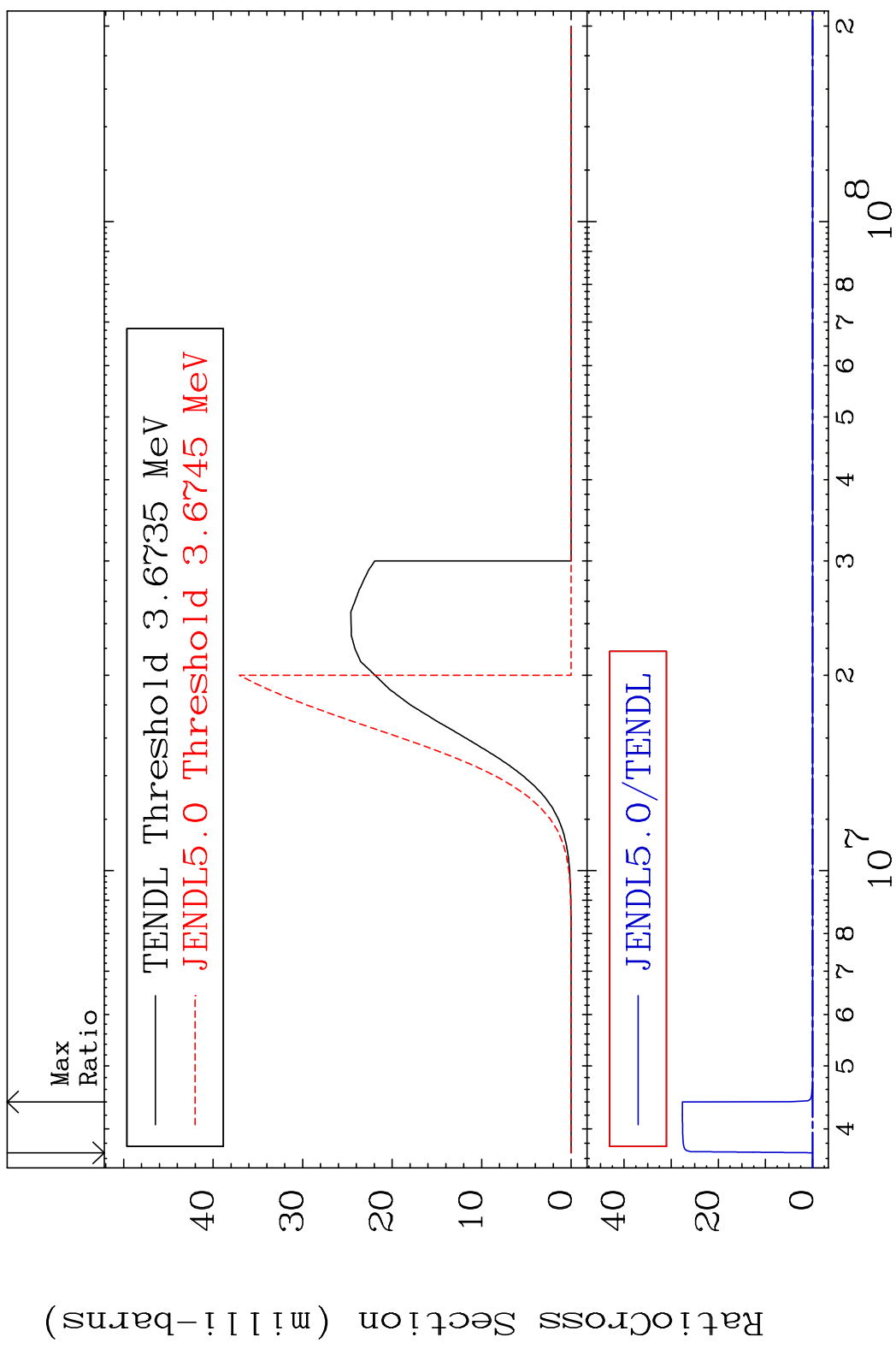
50-Sn-118

MAT 5043

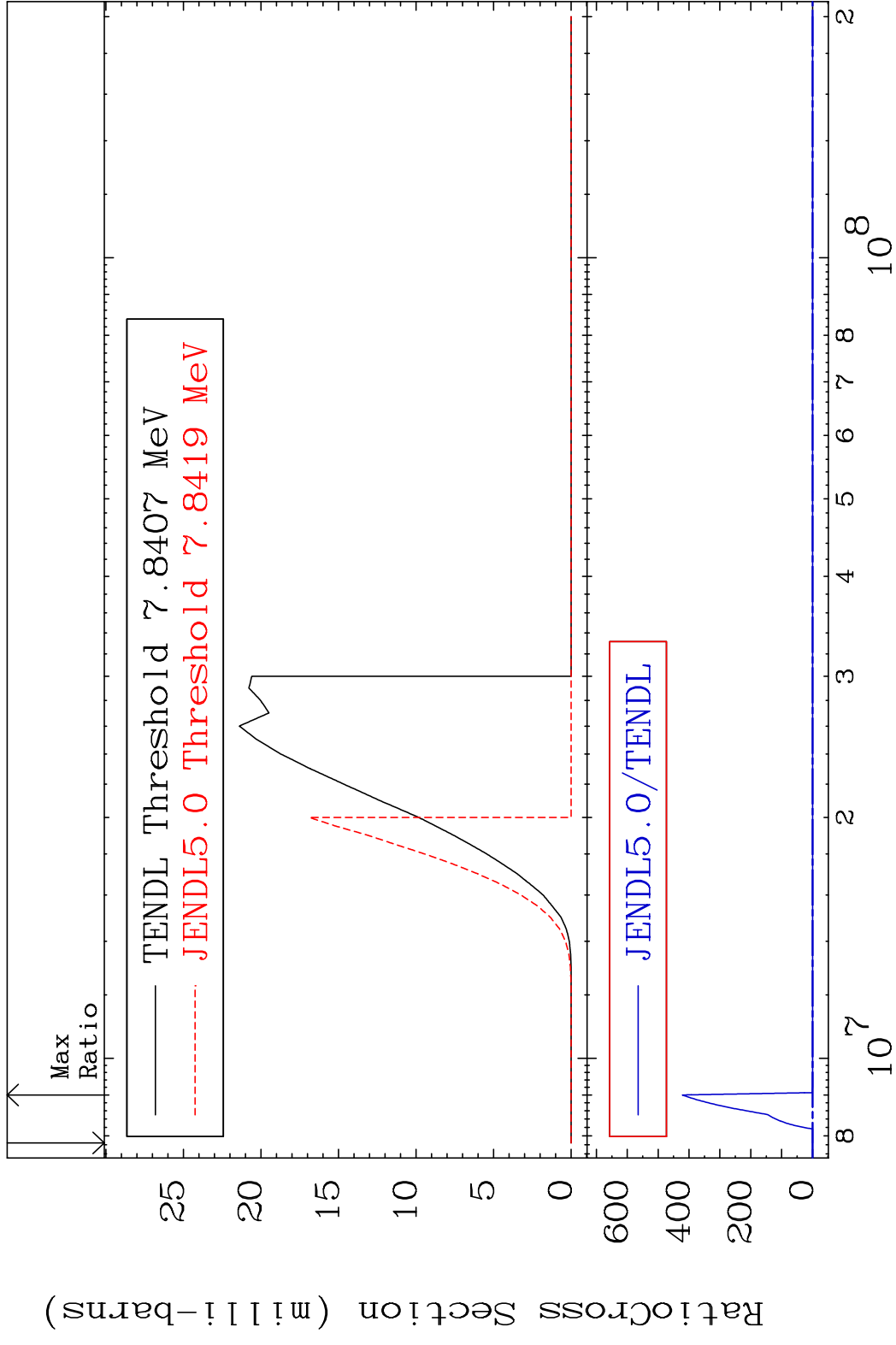
(n,p)

50-Sn-118

Cross Section -100.0 To 9999. %



MAT 5043 (n,d) 50-Sn-118
 Cross Section -100.0 To 9999. %

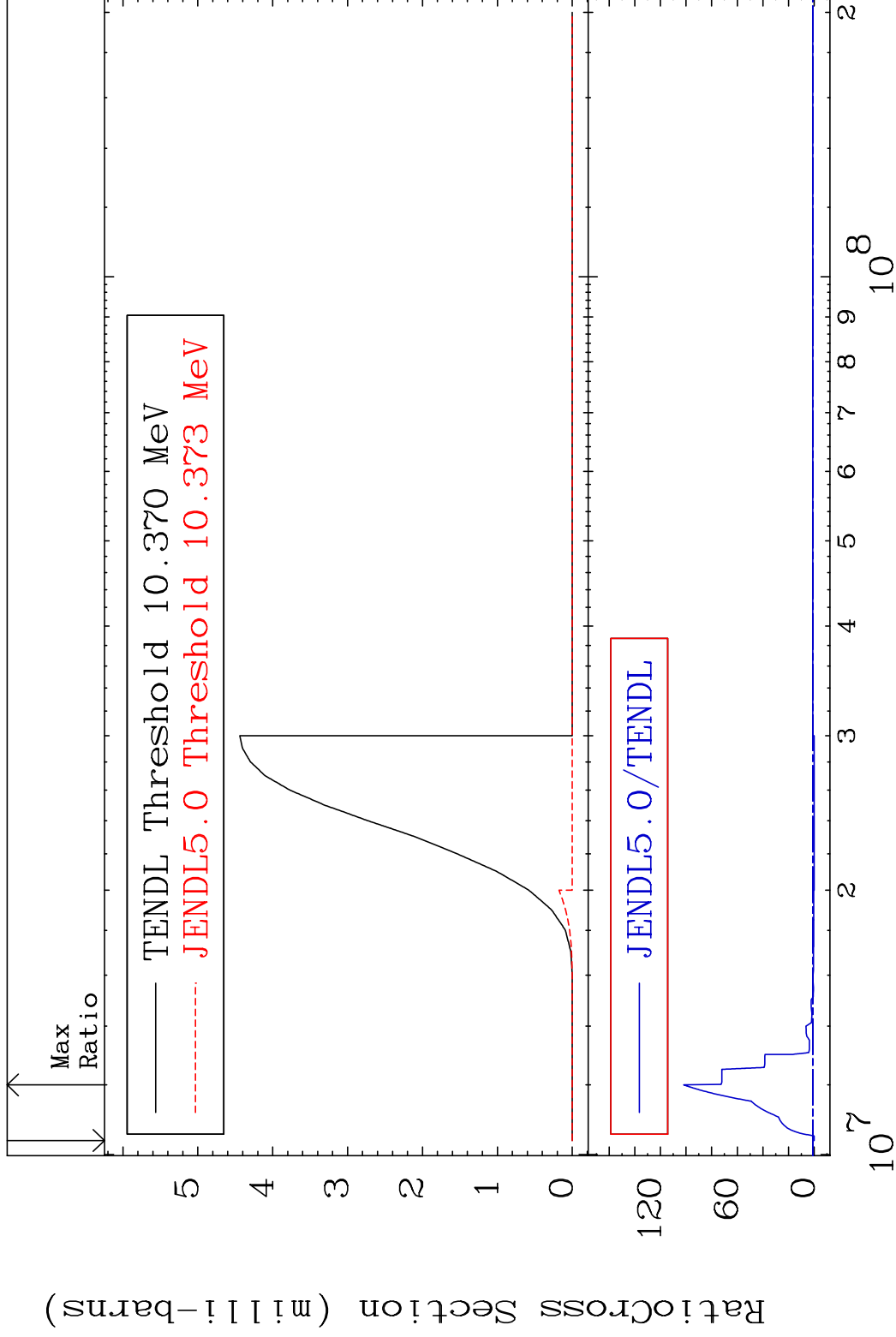


MAT 5043

(n, t)

50-Sn-118

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

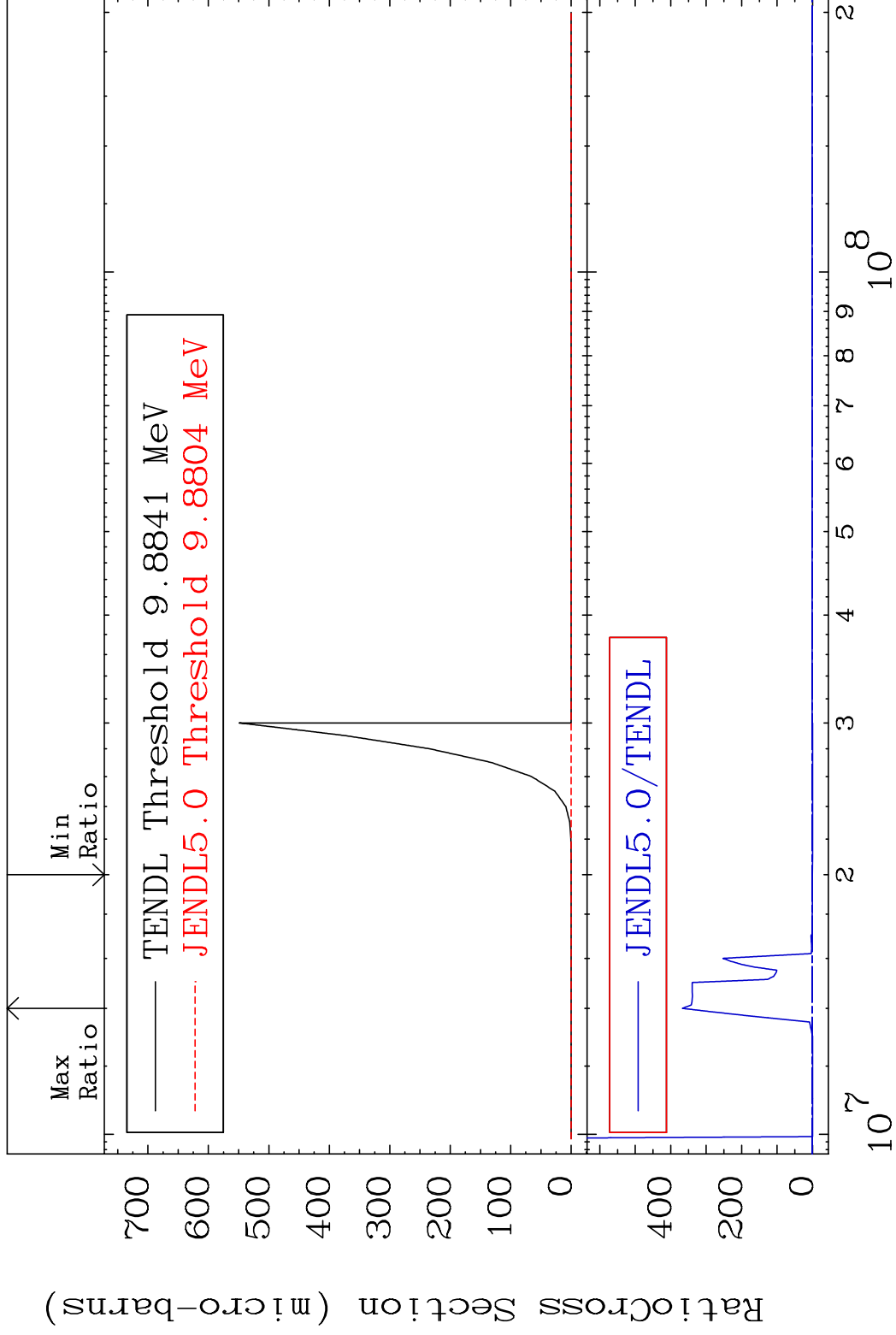
50-Sn-118

MAT 5043

(n, He-3)

50-Sn-118

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

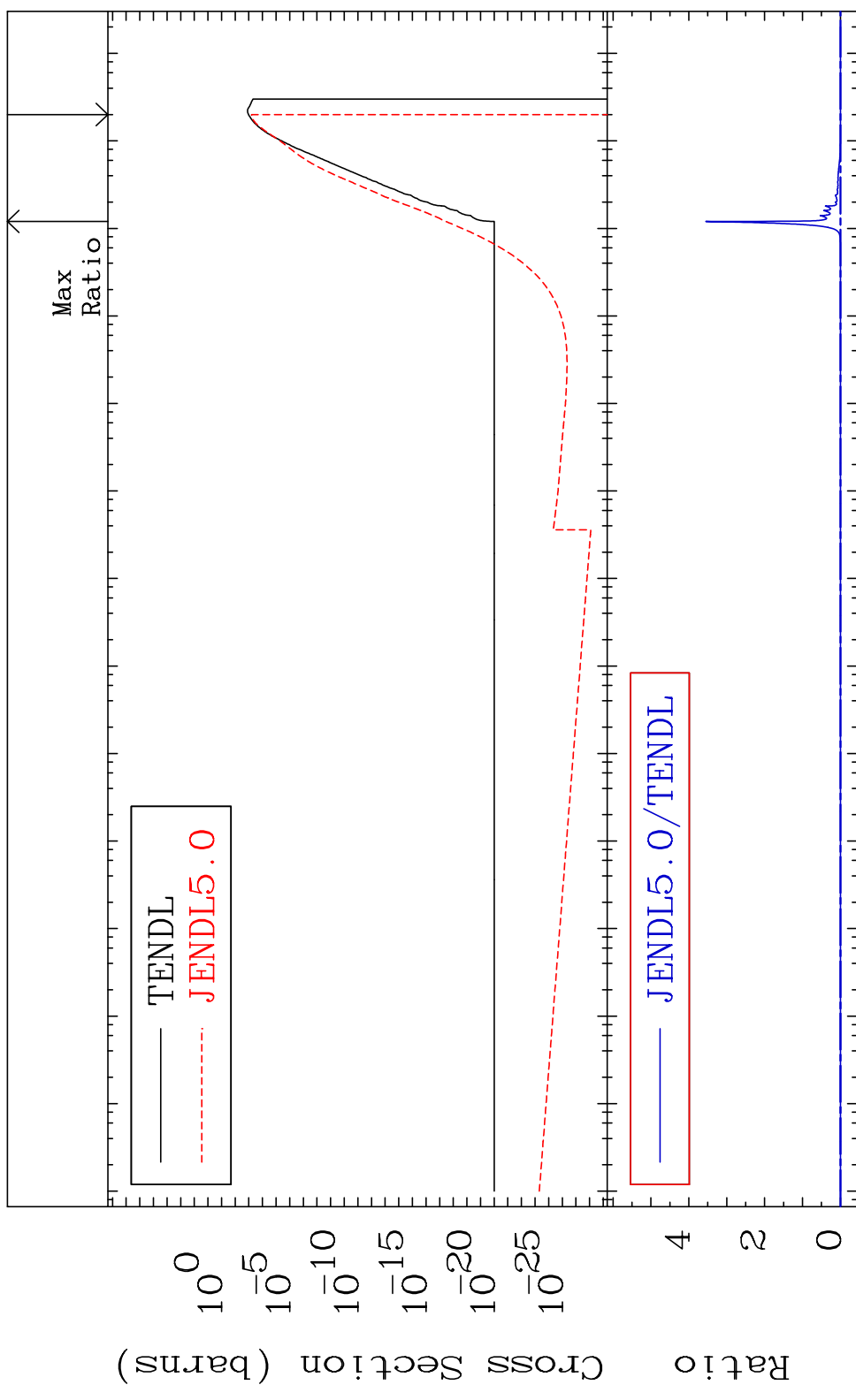
50-Sn-118

MAT 5043

(n, α)

50-Sn-118

Cross Section -100.0 To 9999. %

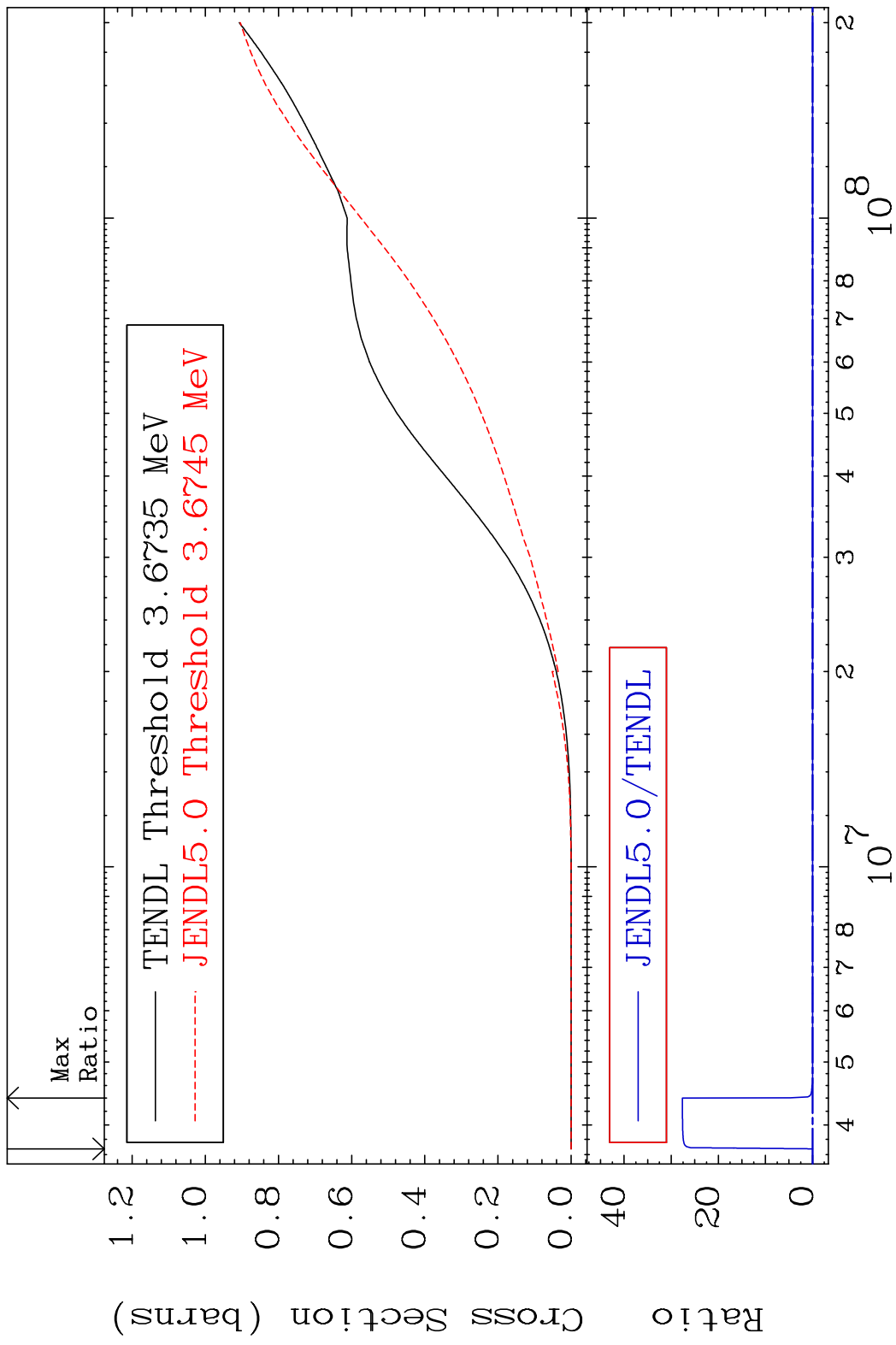


45

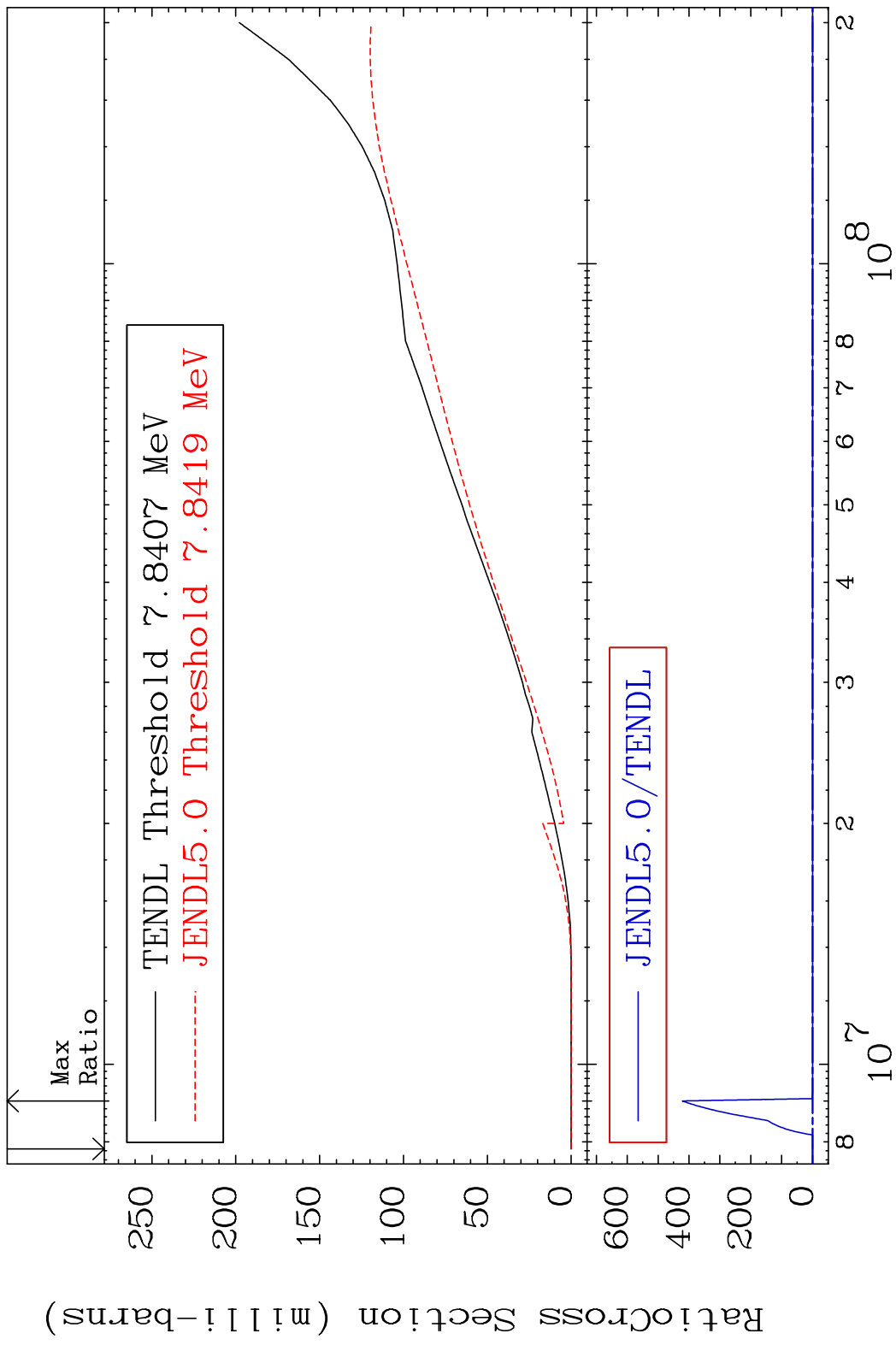
Incident Energy (eV)

50-Sn-118

MAT 5043 Hydrogen Production 50-Sn-118
 Cross Section -100.0 To 9999. %

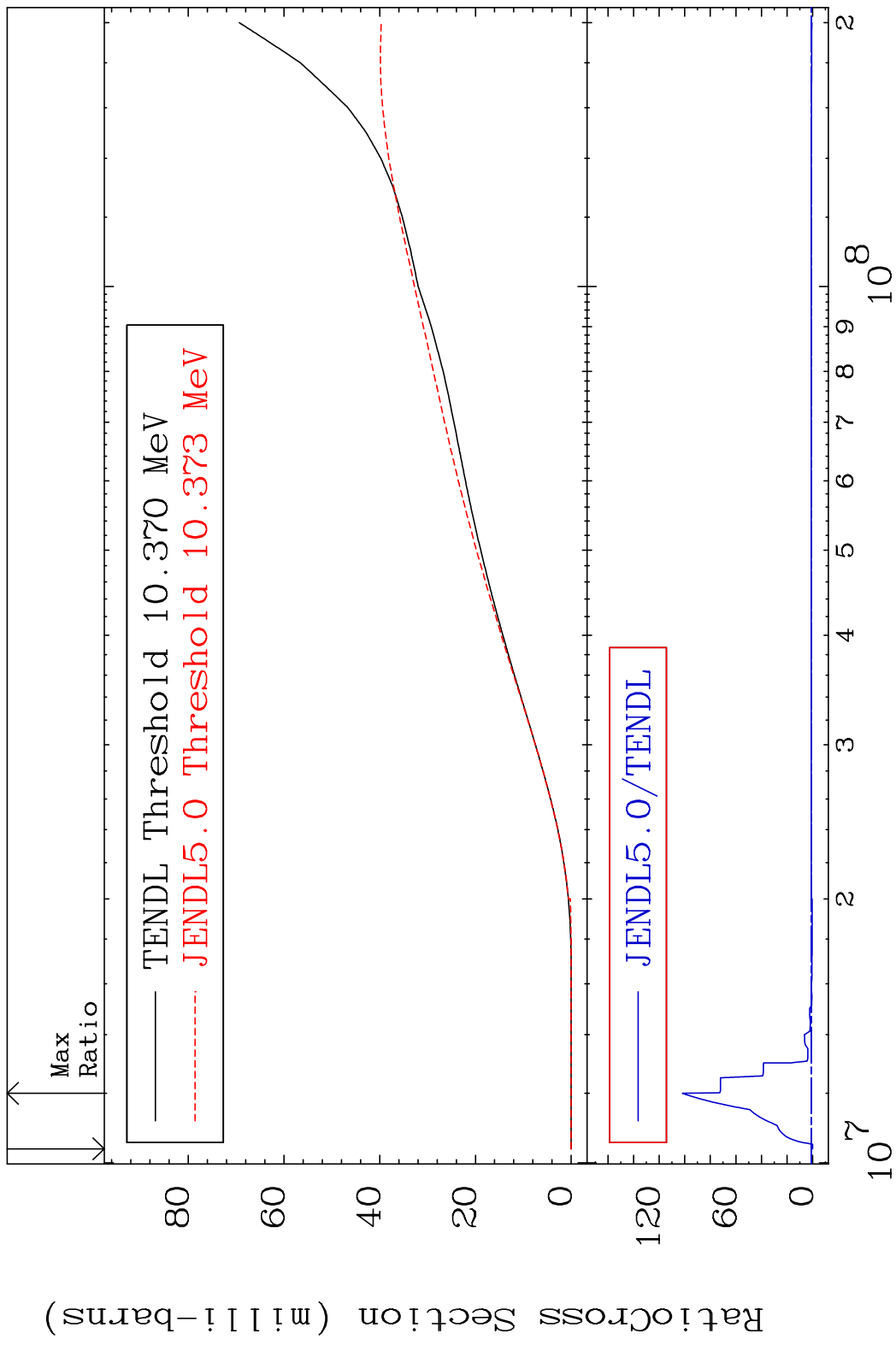


MAT 5043 Deuterium Production 50-Sn-118
 Cross Section -100.0 To 9999. %



47 50-Sn-118

MAT 5043 Tritium Production 50-Sn-118
 Cross Section -100.0 To 9999. %



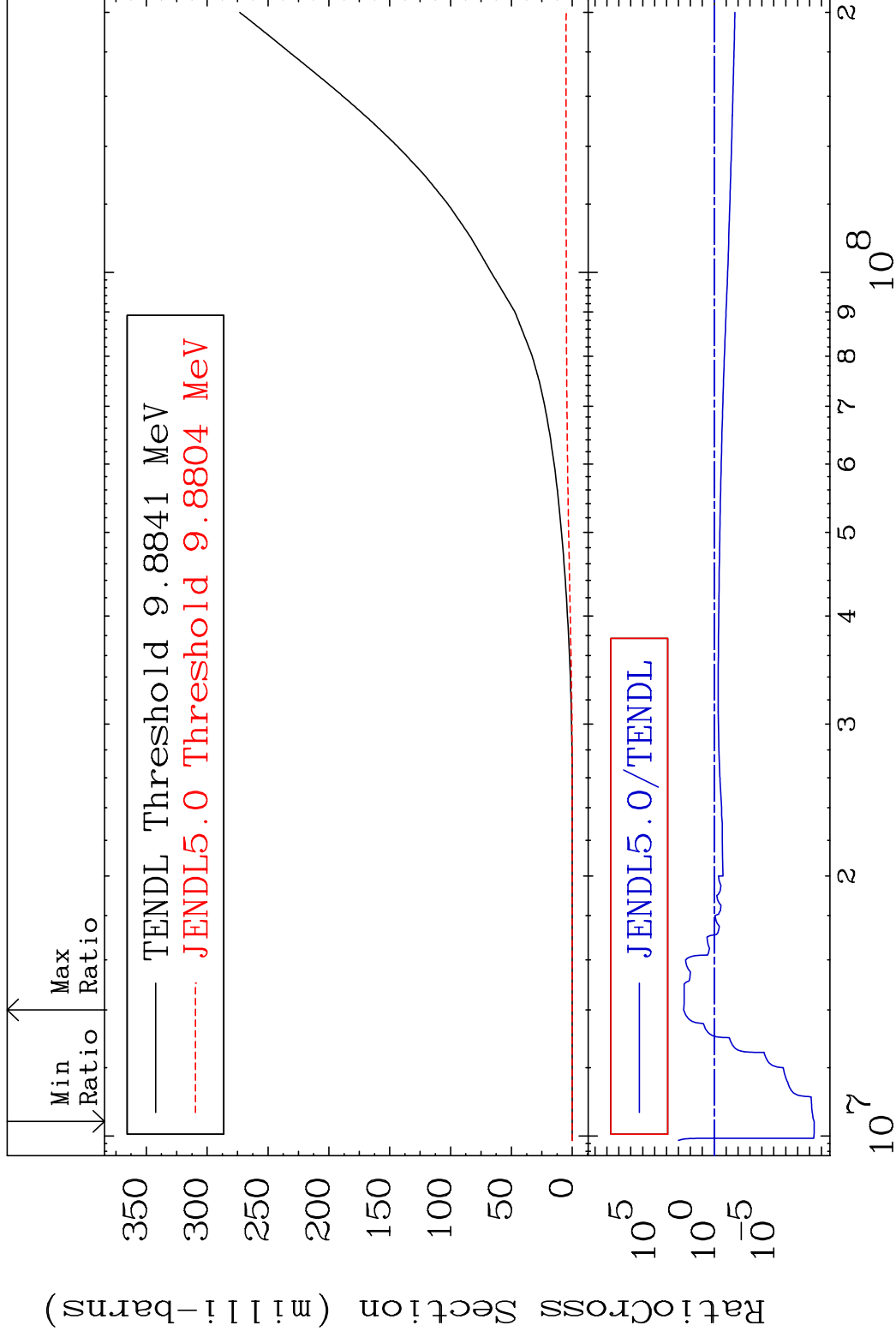
48 50-Sn-118

MAT 5043

He-3 Production

50-Sn-118

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

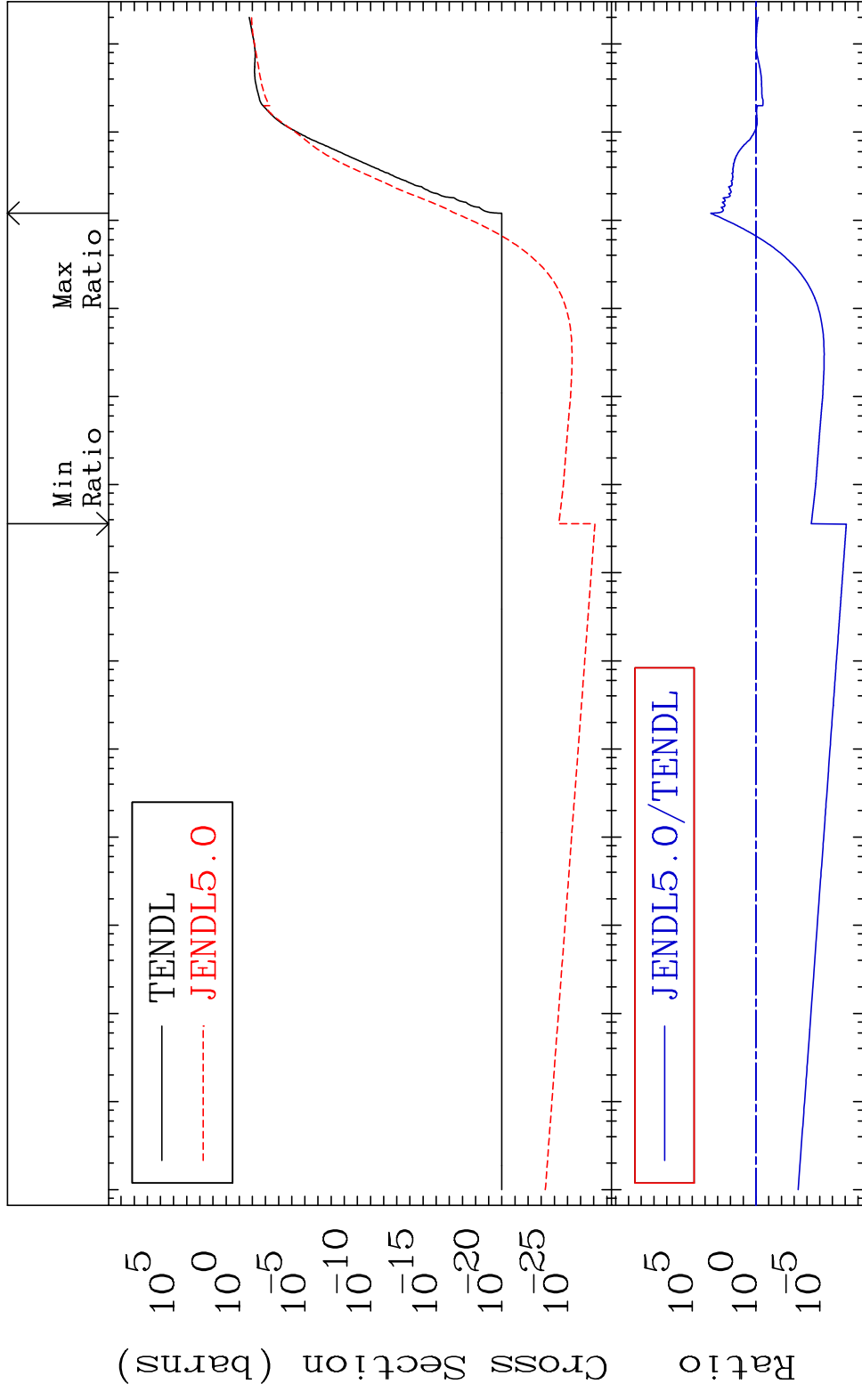
50-Sn-118

MAT 5043

He-4 Production

50-Sn-118

Cross Section -100.0 To 9999. %

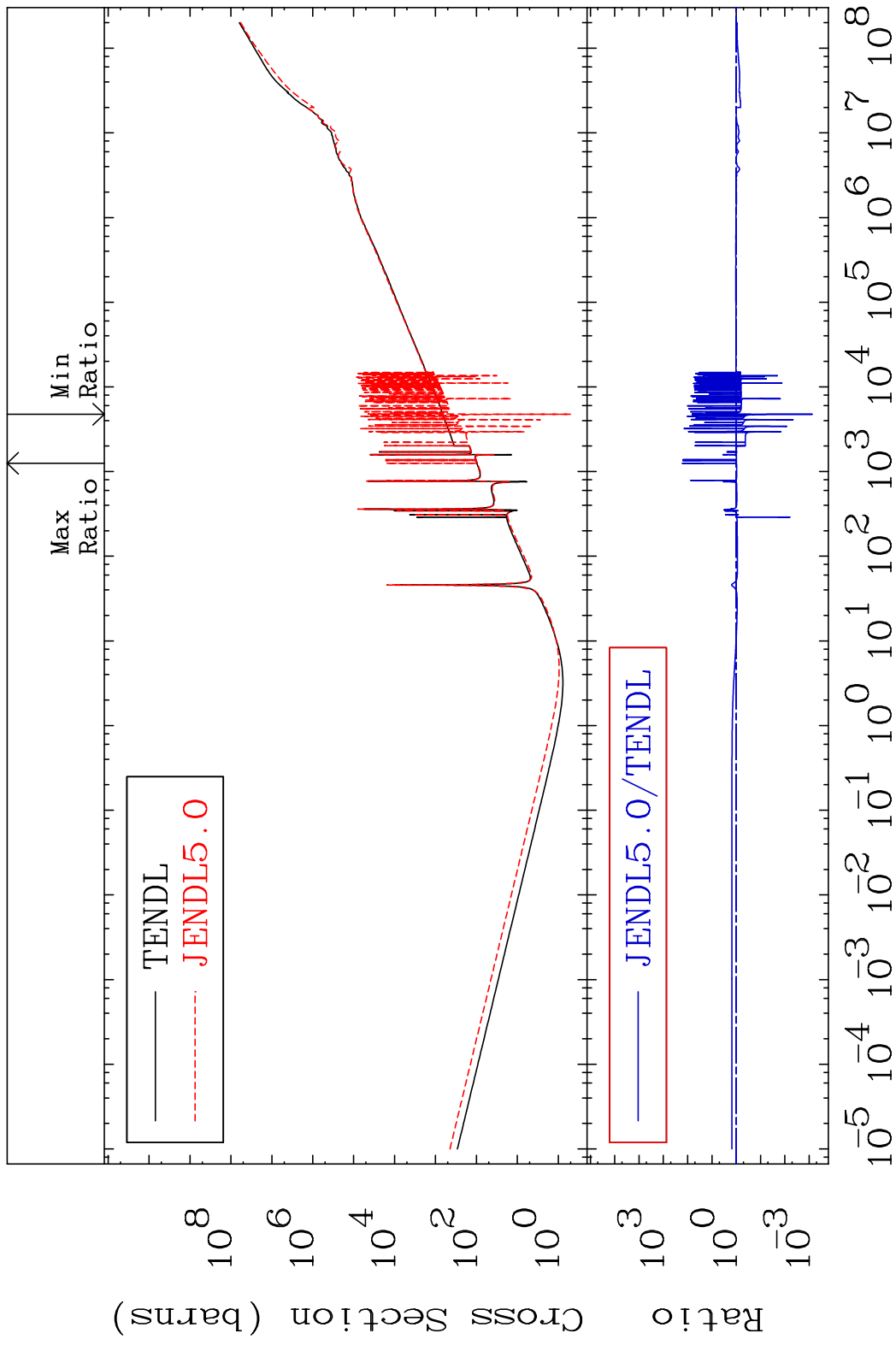


50

Incident Energy (eV)

50-Sn-118

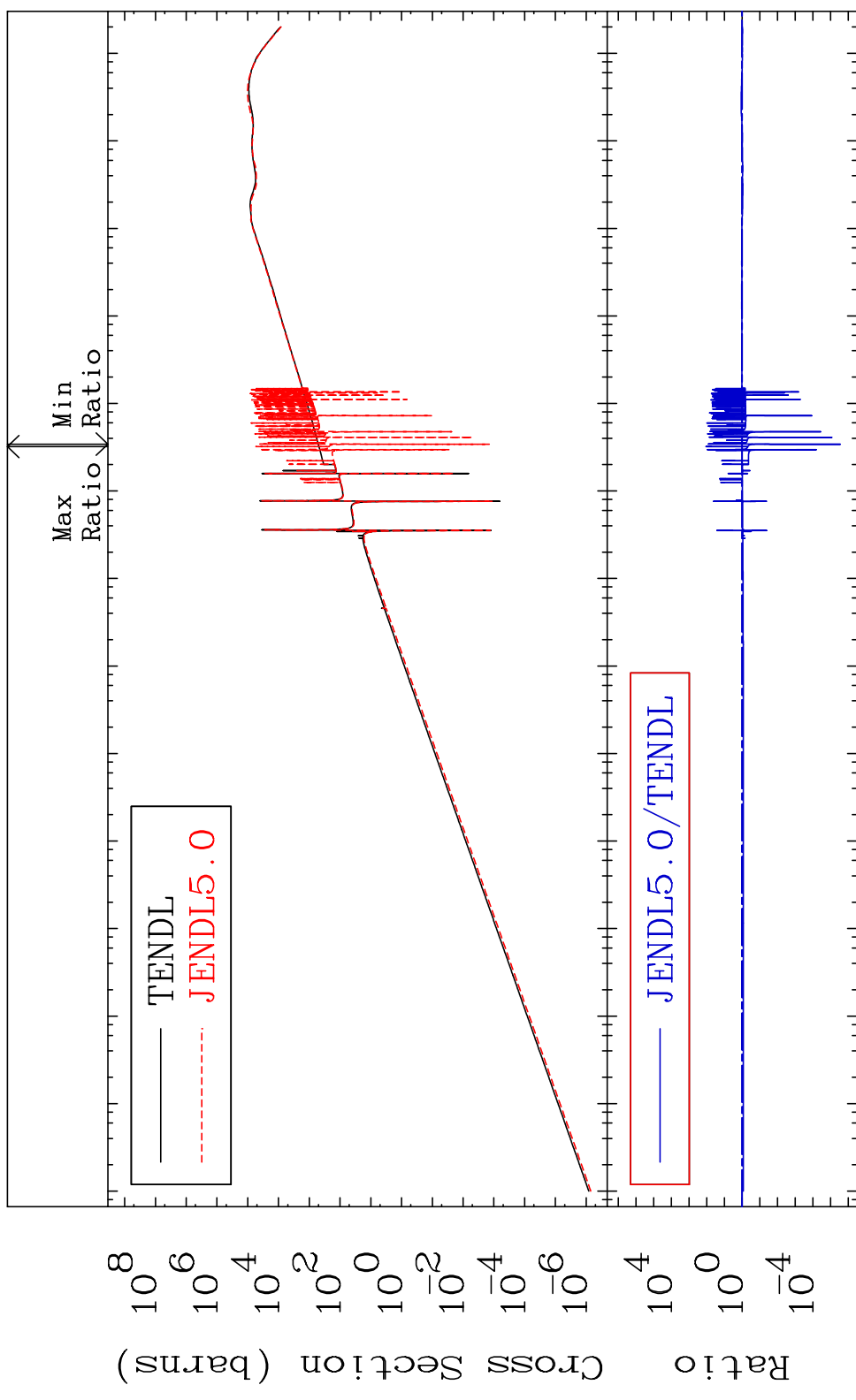
MAT 5043 Kerma total (eV-barns) 50-Sn-118
 Cross Section -99.93 To 9999. %



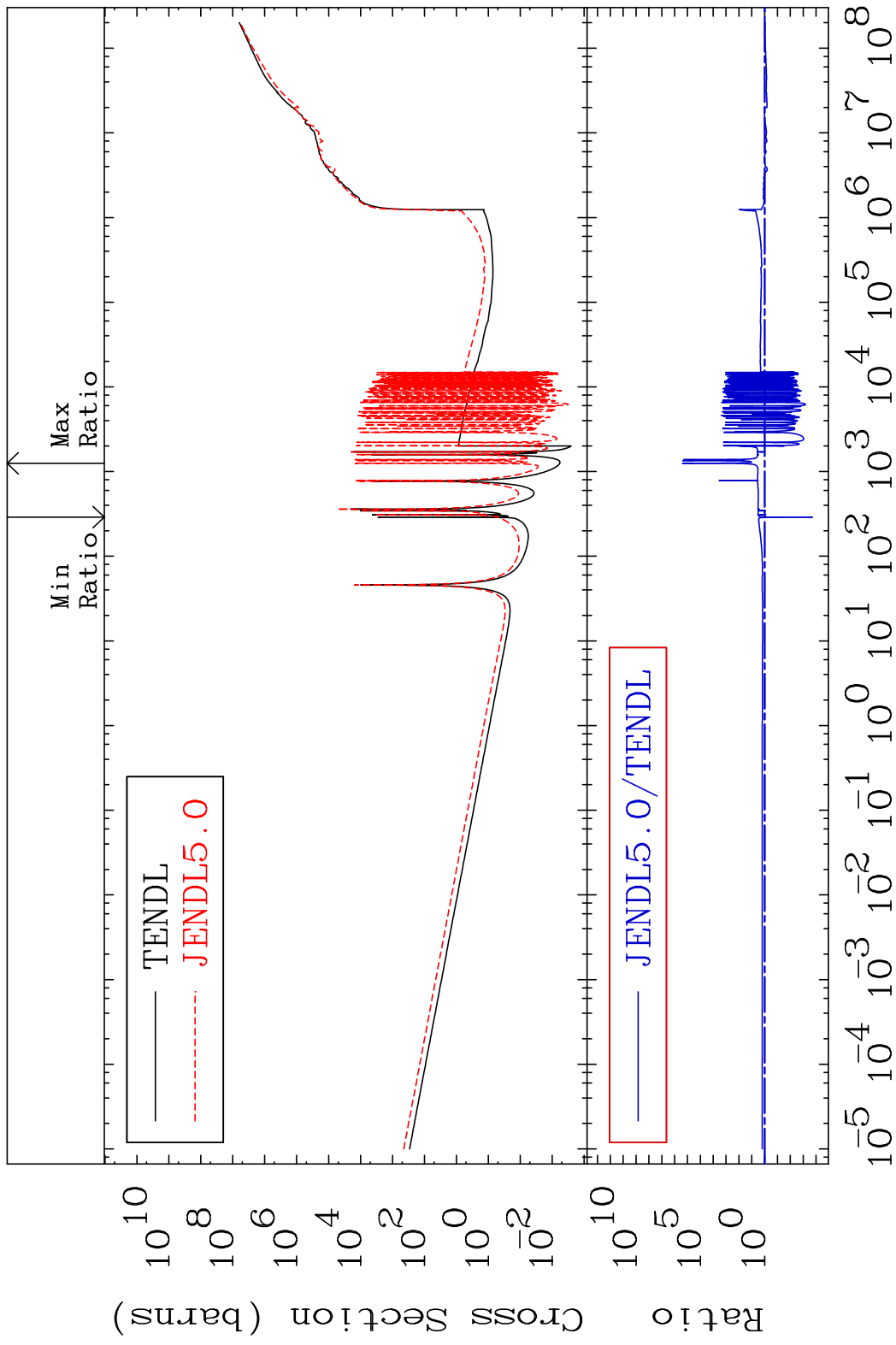
51 Incident Energy (eV) 50-Sn-118

MAT 5043

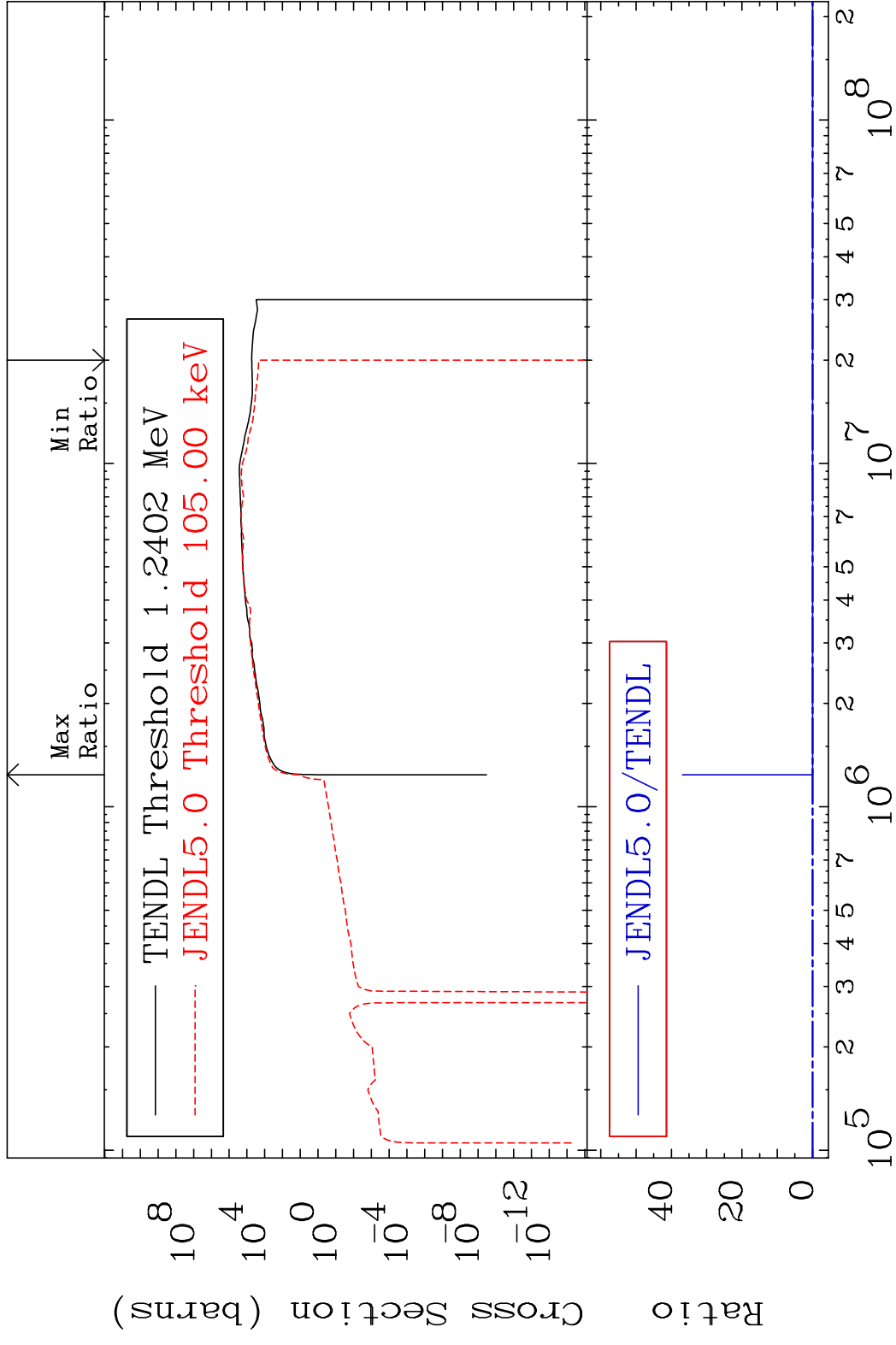
Kerma elastic
Cross Section -100.0 To 9999. %
50-Sn-118



MAT 5043 Kerma non-elastic (all but mt2) 50-Sn-118
 Cross Section -99.98 To 9999. %

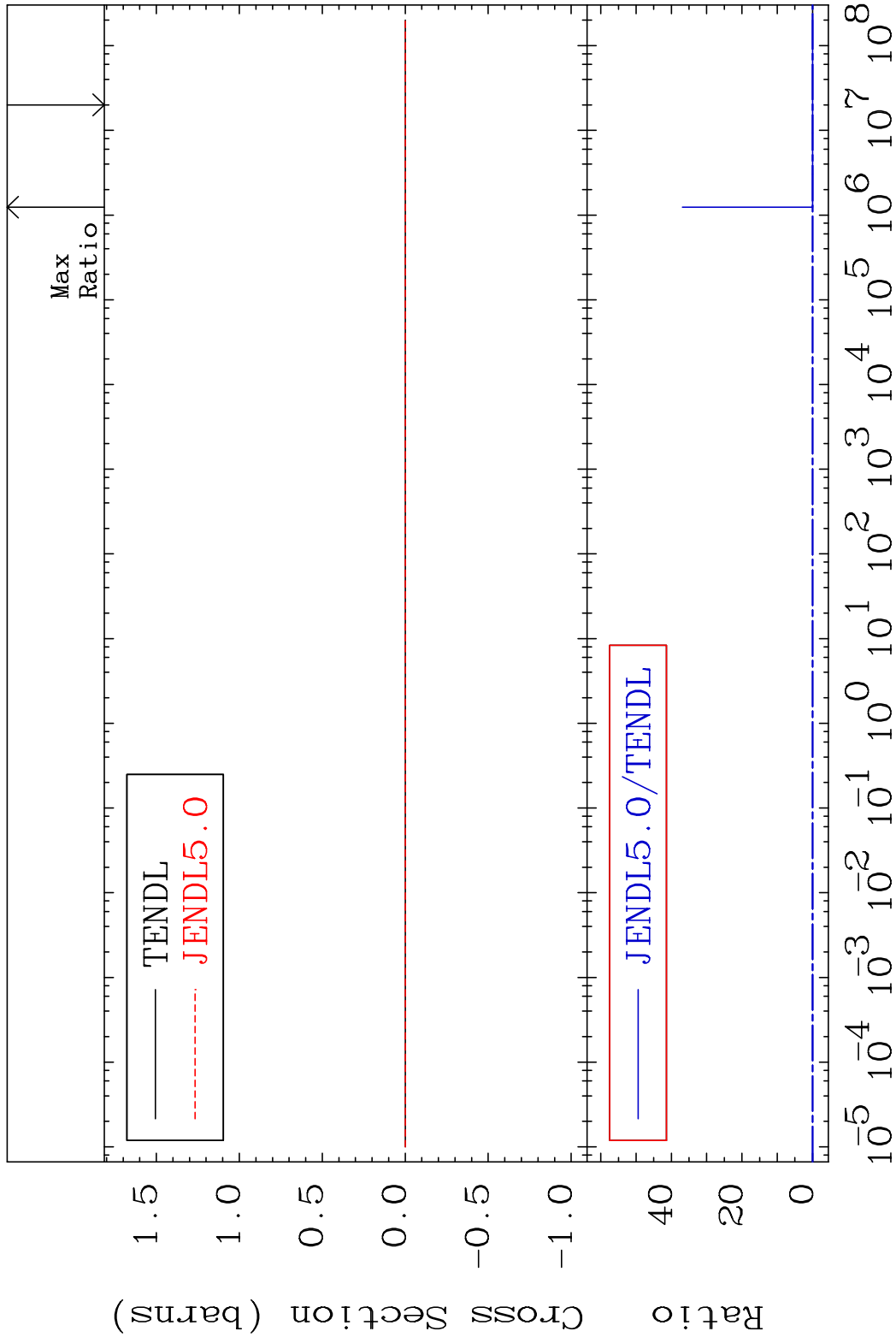


MAT 5043 Kerma inelastic (mt51-91) 50-Sn-118
 Cross Section -100.0 To 9999. %



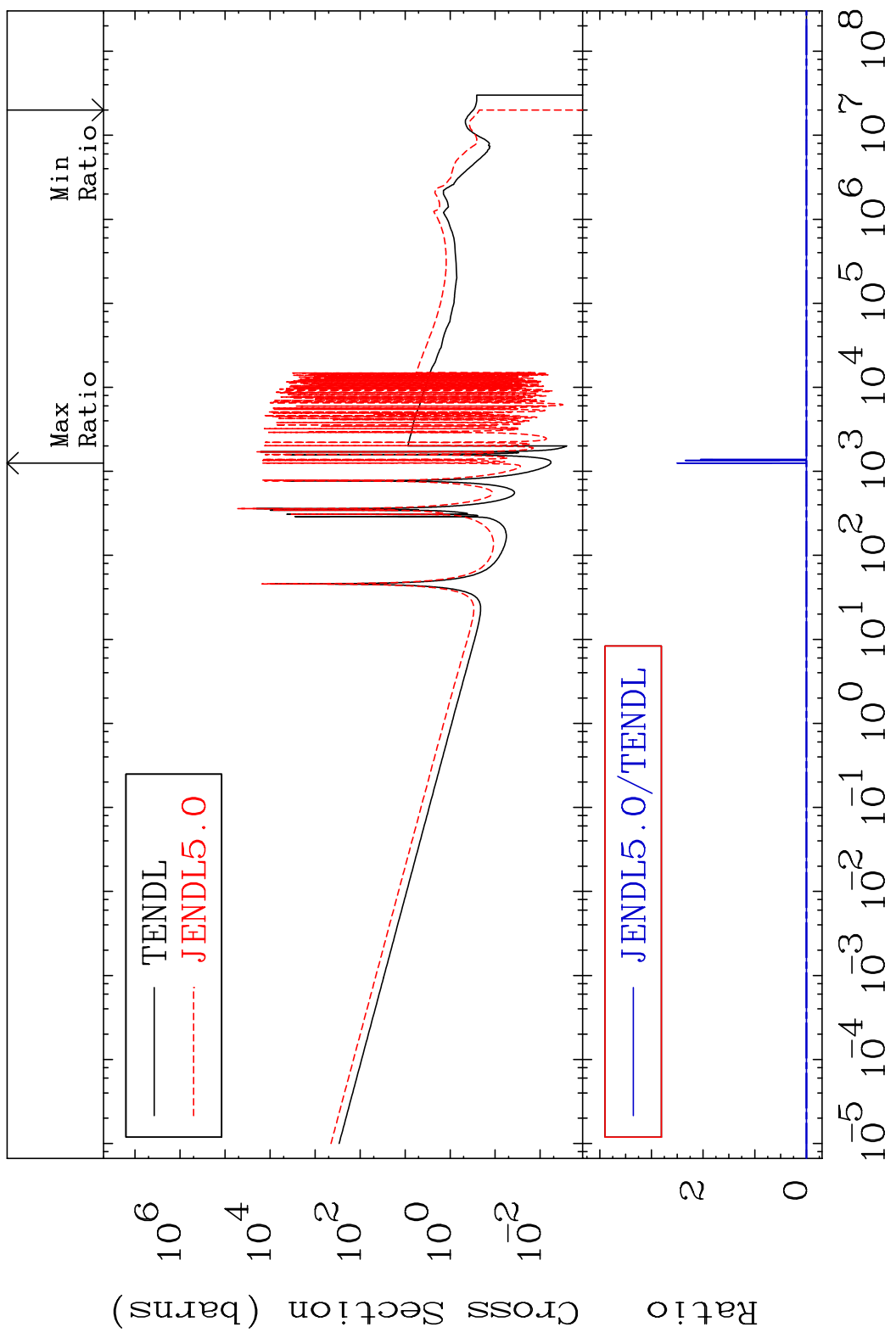
54 Incident Energy (eV) 50-Sn-118

MAT 5043 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-118
 Cross Section -100.0 To 9999. %



MAT 5043

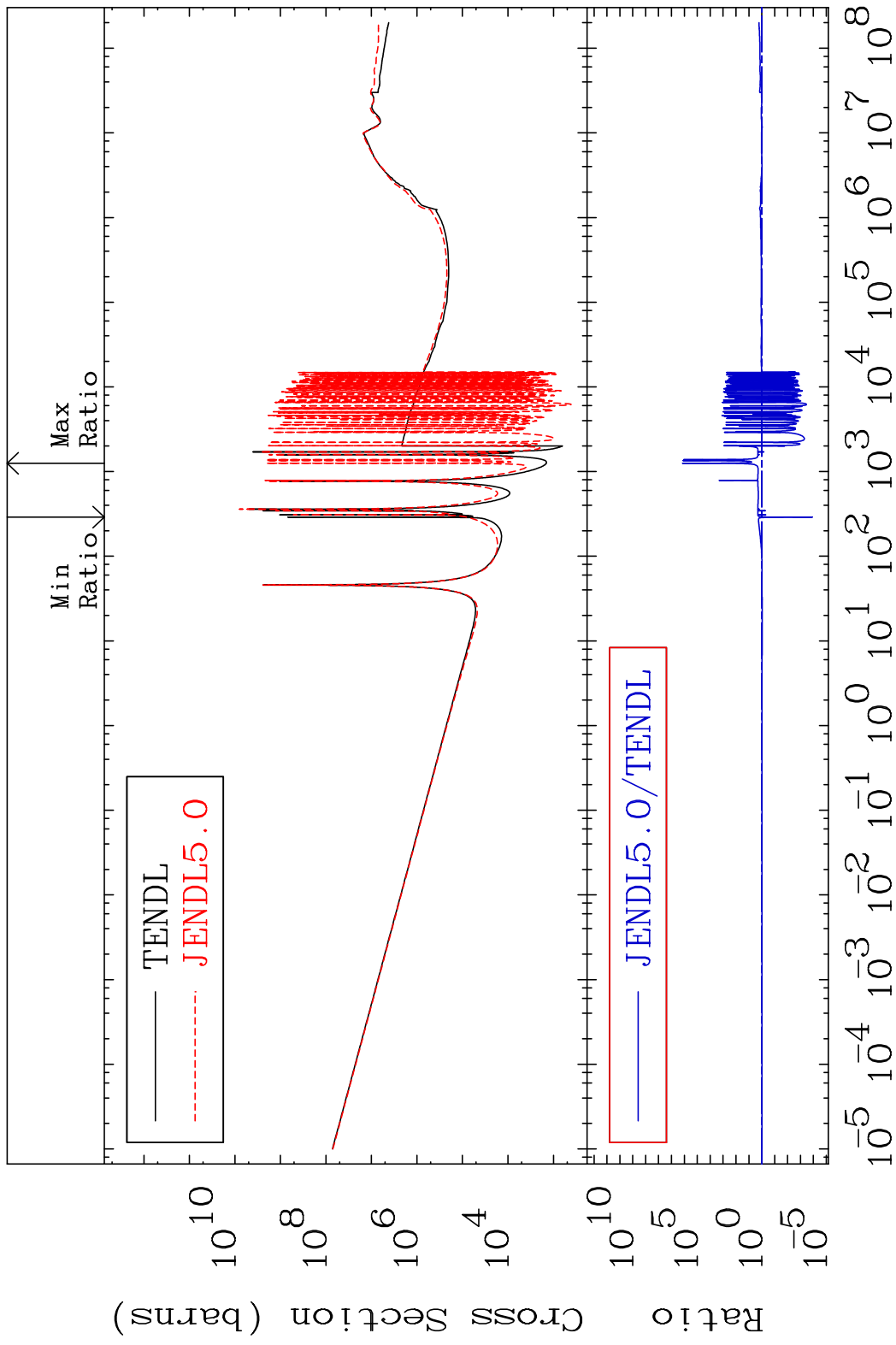
Kerma capture (mt102) 50-Sn-118
Cross Section -100.0 To 9999. %



56

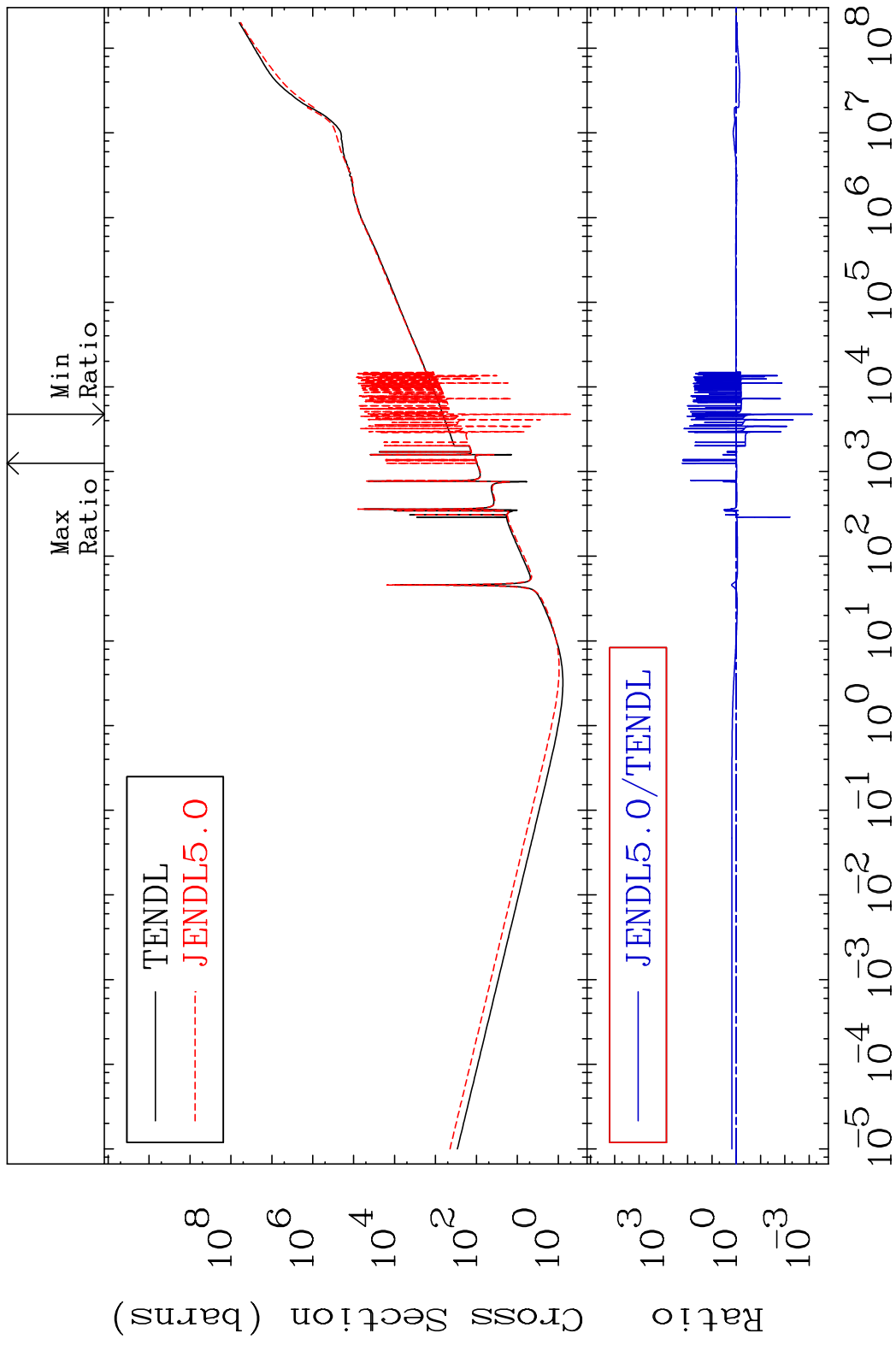
Incident Energy (eV) 50-Sn-118

MAT 5043 Total photon (eV-barns) 50-Sn-118
 Cross Section -99.99 To 9999. %

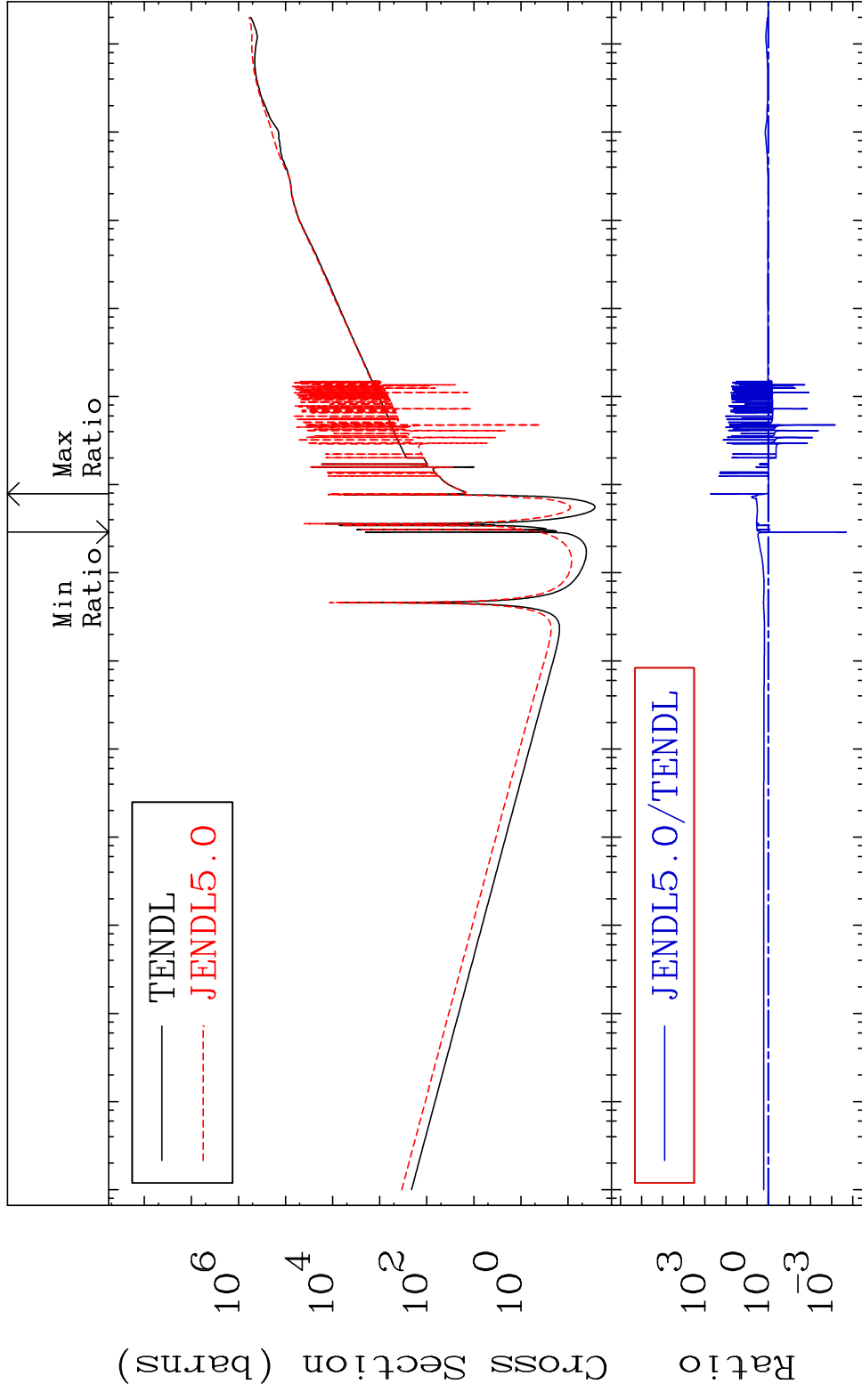


57 Incident Energy (eV) 50-Sn-118

MAT 5043 Total kinematic kerma (high limit) 50-Sn-118
 Cross Section -99.93 To 9999. %



MAT 5043 Dpa total (eV-barns) 50-Sn-118
 Cross Section -99.98 To 9999. %



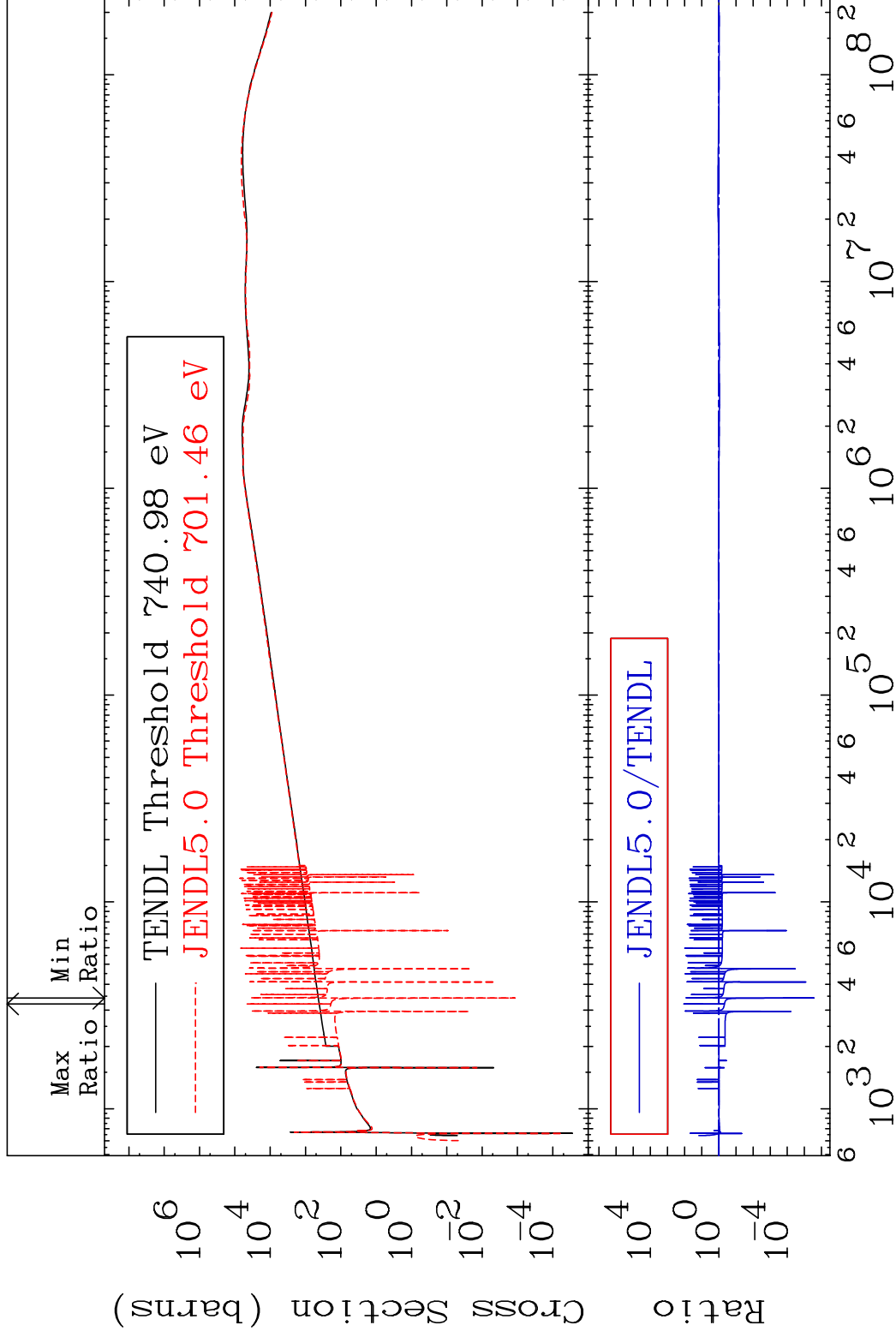
59 Incident Energy (eV) 50-Sn-118

MAT 5043

Dpa elastic (mt2)

50-Sn-118

Cross Section -100.0 To 9999. %

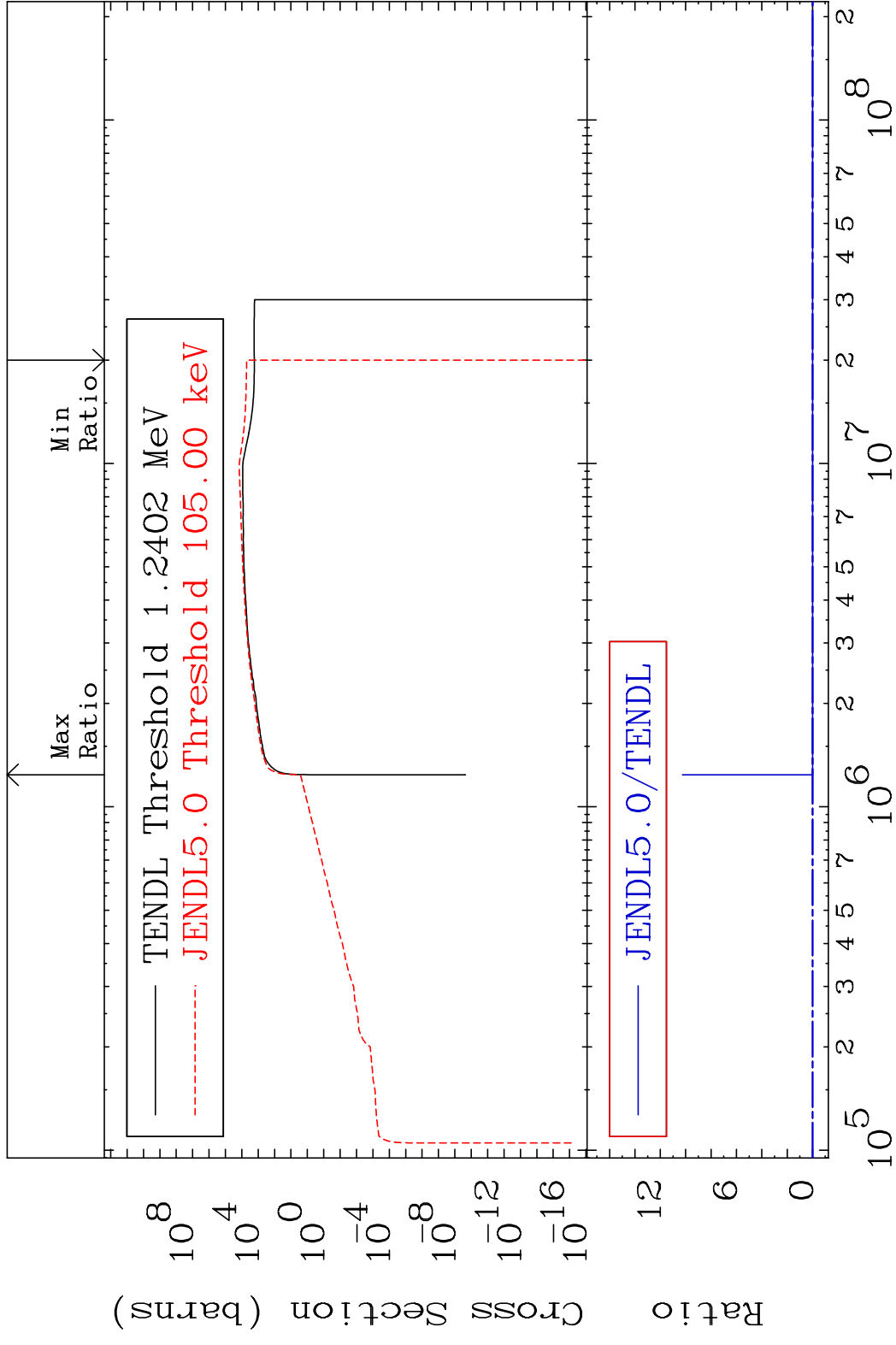


60

Incident Energy (eV)

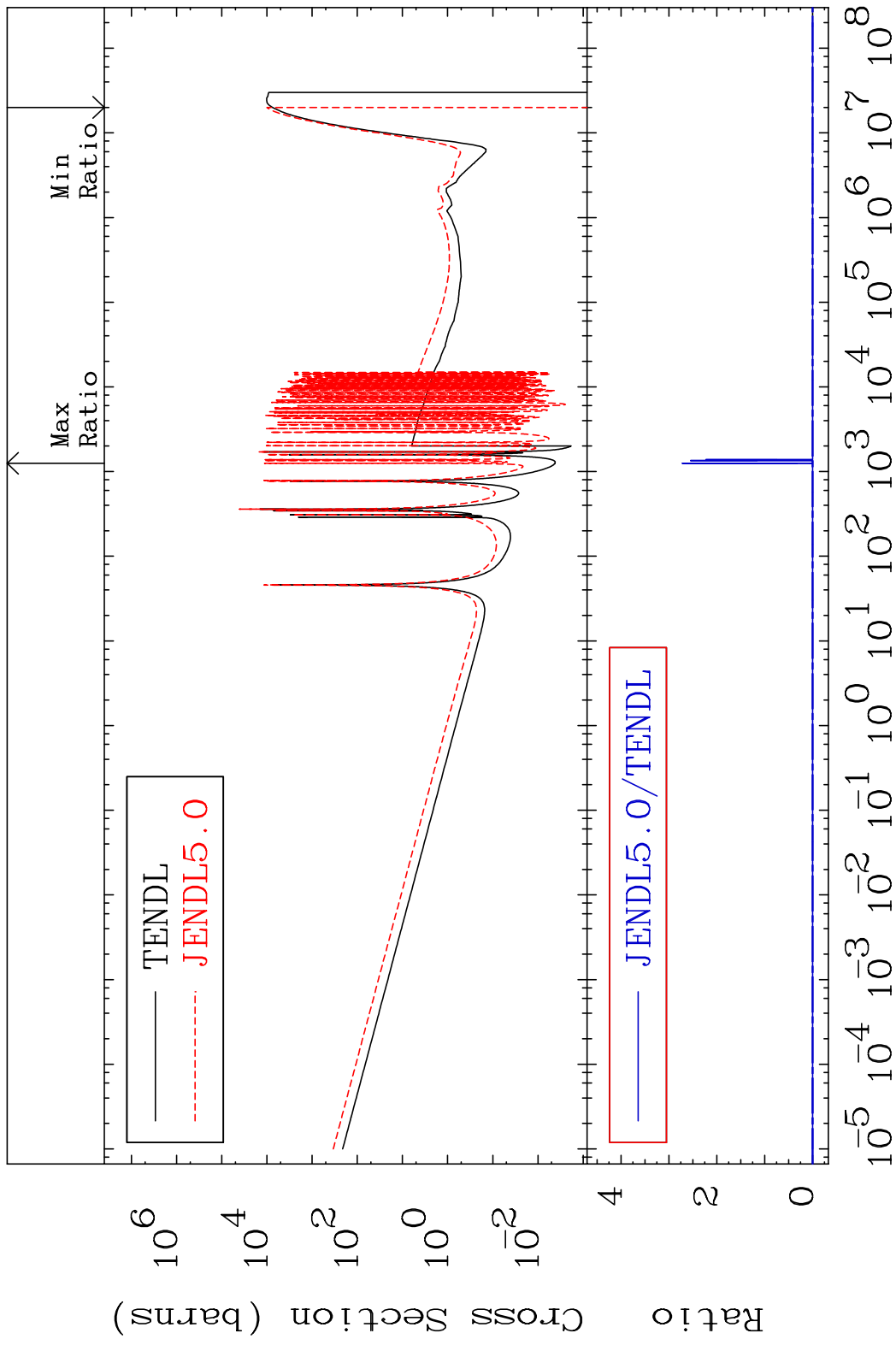
50-Sn-118

MAT 5043 Dpa inelastic (mt51-91) 50-Sn-118
 Cross Section -100.0 To 9999. %

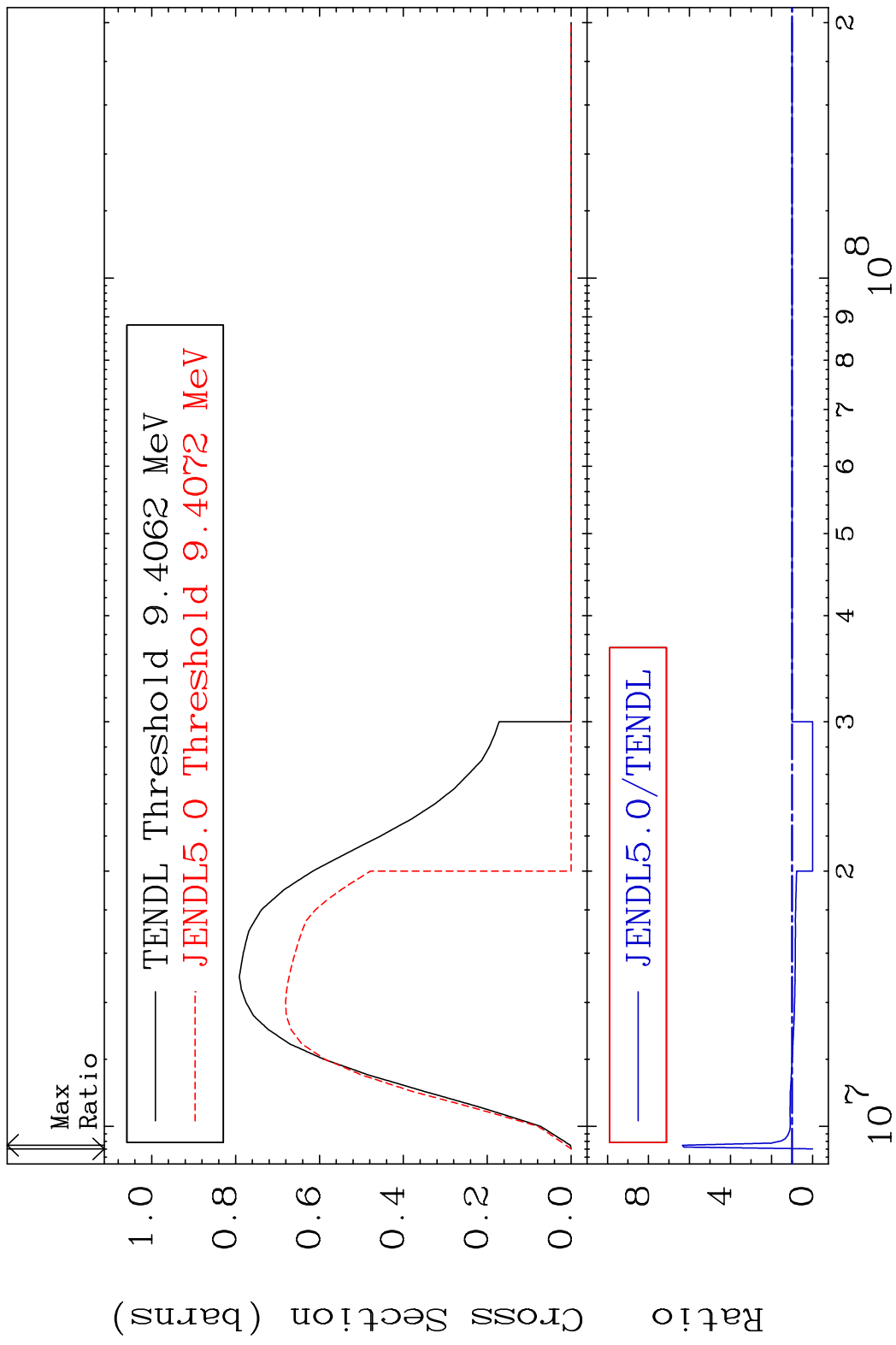


61 Incident Energy (eV) 50-Sn-118

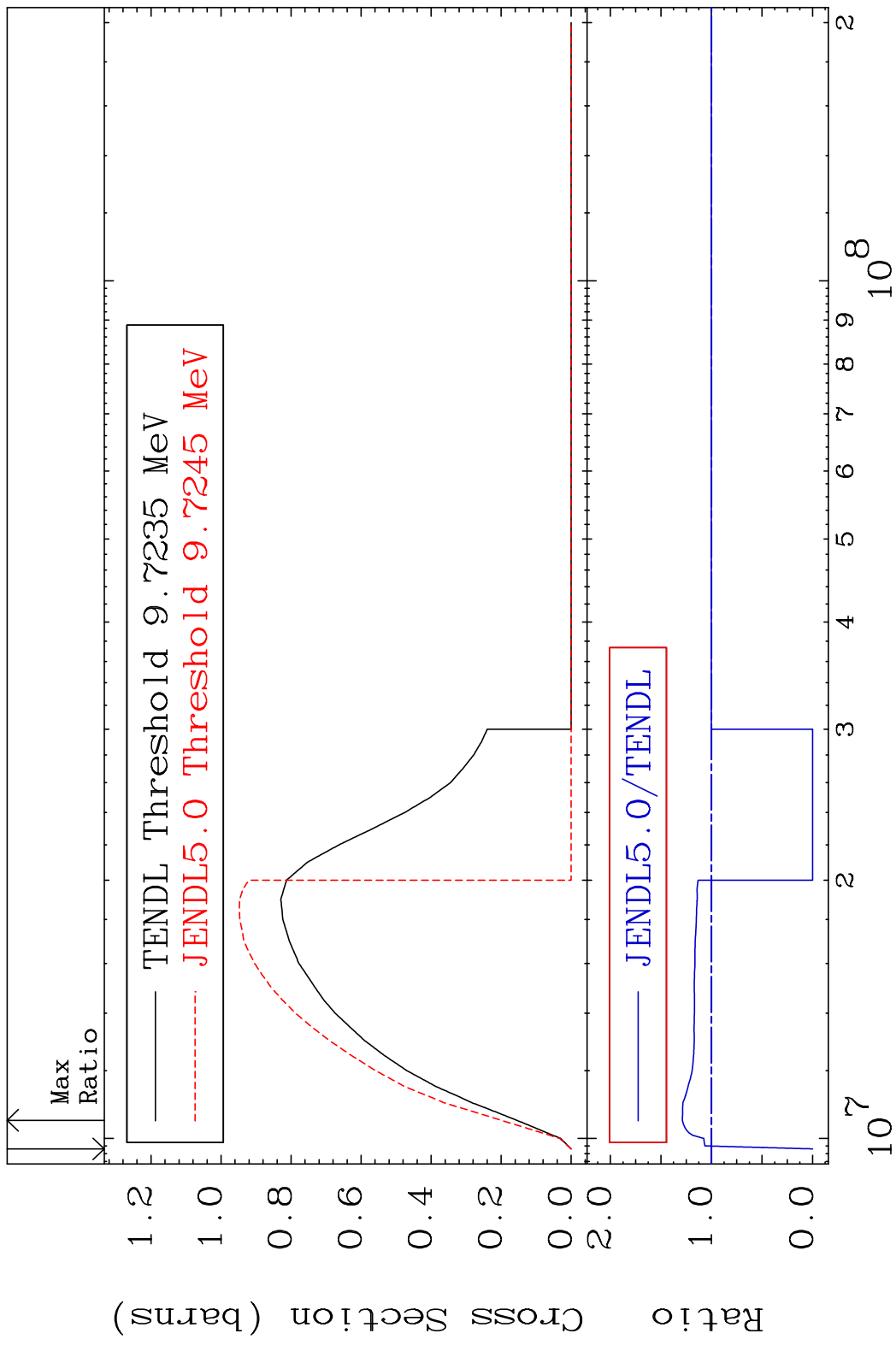
MAT 5043 Dpa disappearance (mt102 -120) 50-Sn-118
Cross Section -100.0 To 9999. %



MAT 5043 (n,2n):50-Sn-117g 50-Sn-118
 Radionuclide Production Cross Section Ratio 534.9 %

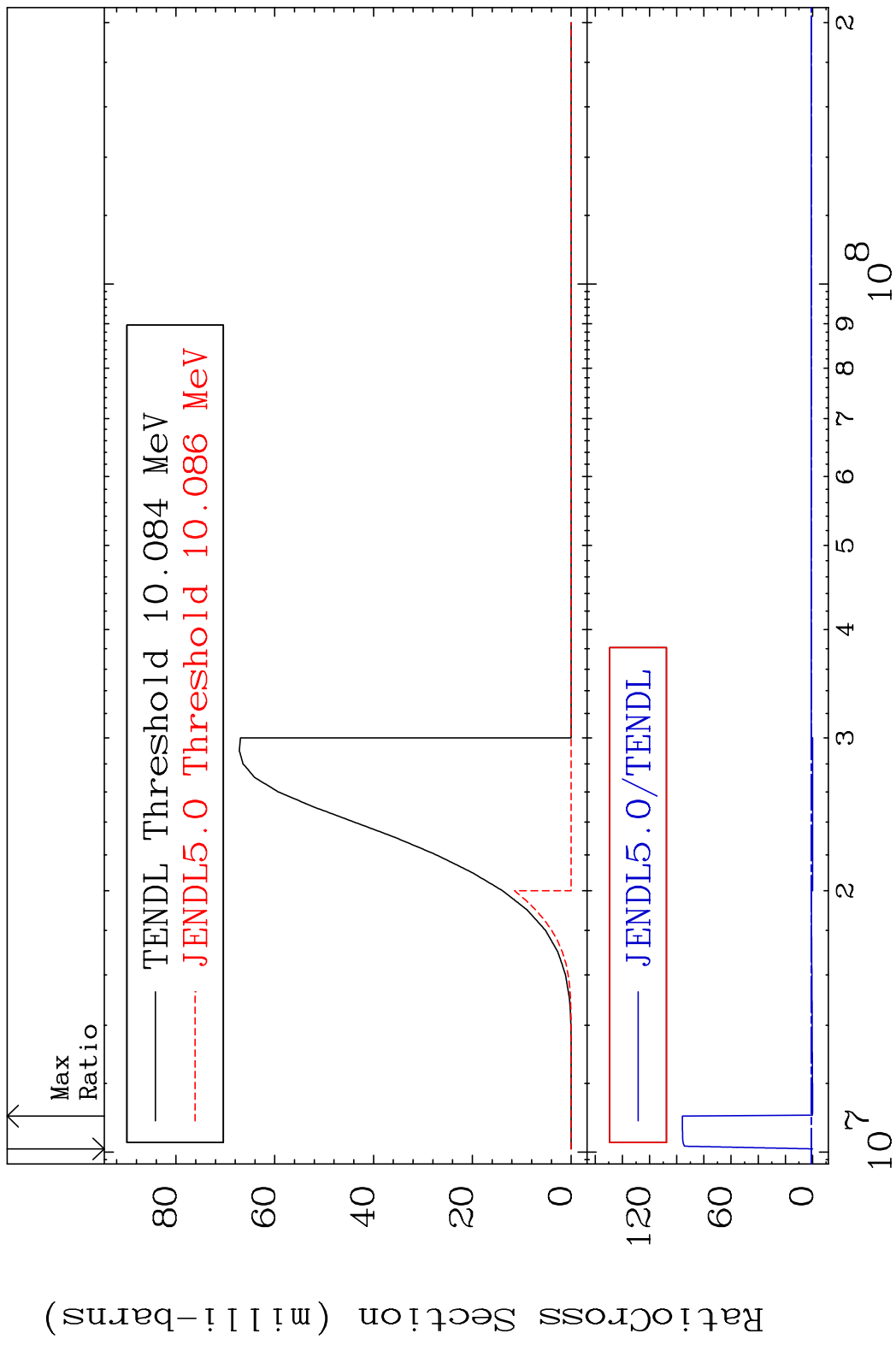


MAT 5043 (n,2n):50-Sn-117m2 50-Sn-118
 Radionuclide Production Cross Section Ratio 28.79 %

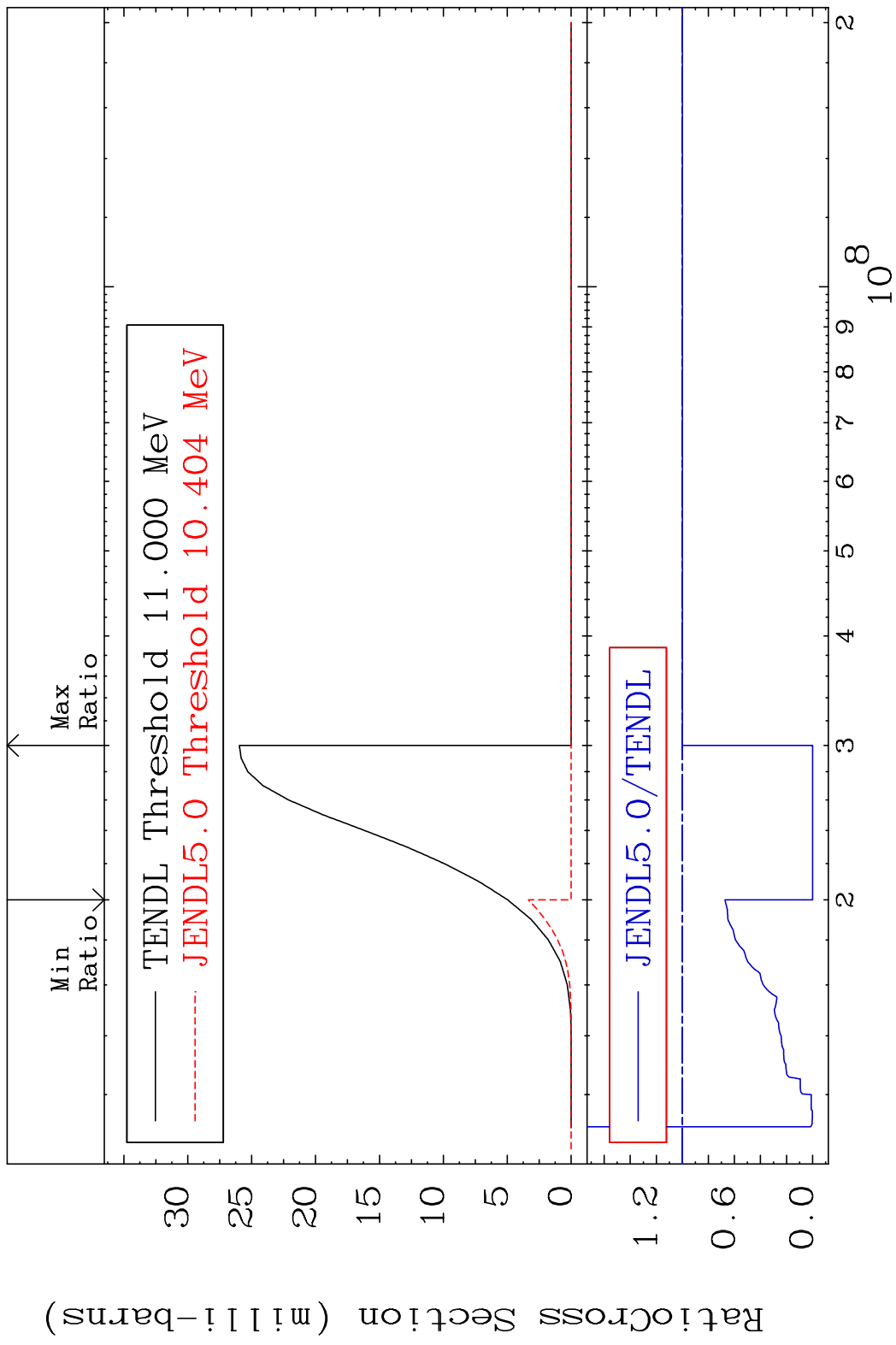


64 Incident Energy (eV) 50-Sn-118

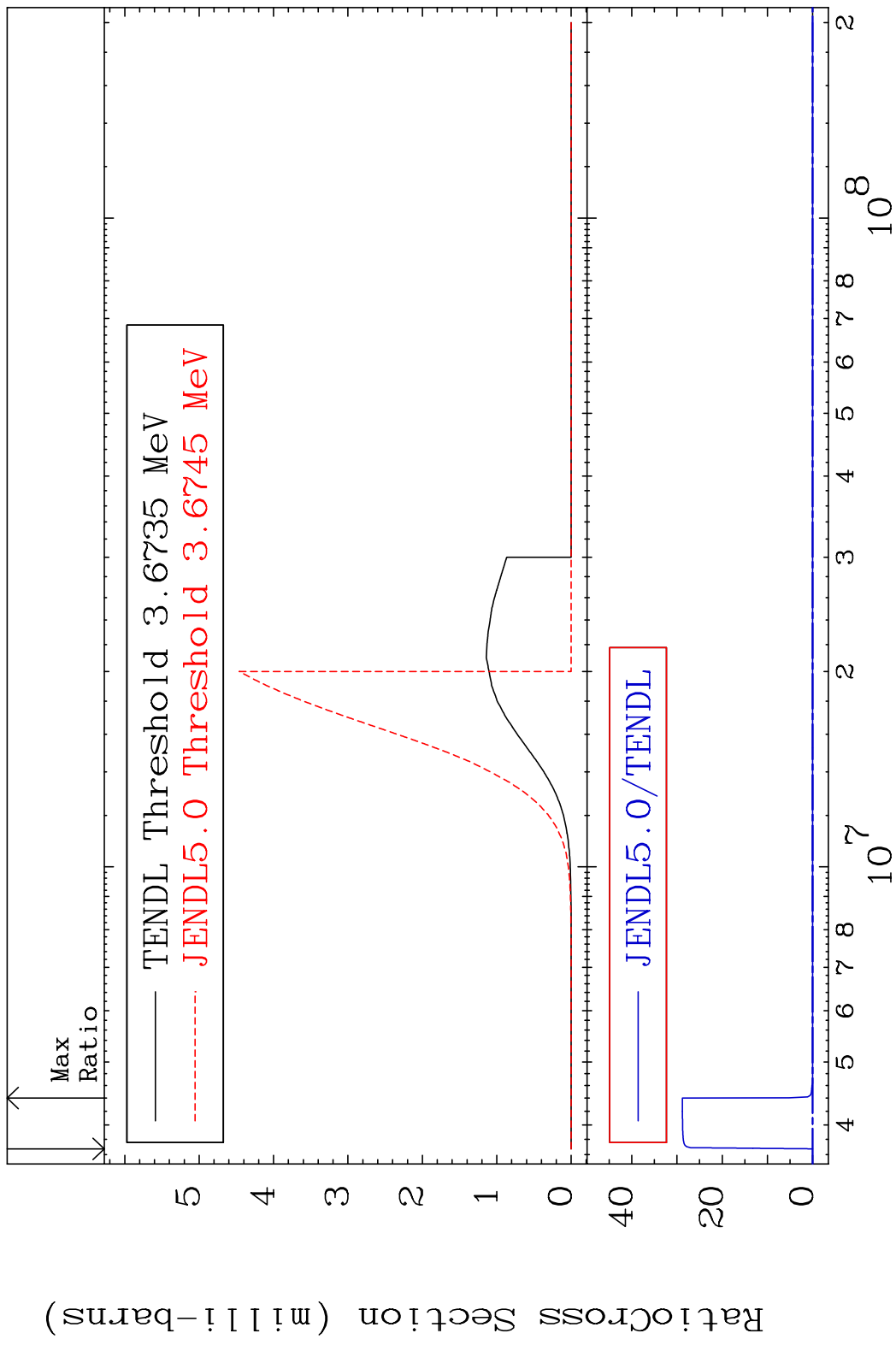
MAT 5043 (n, n') p:49-In-117g 50-Sn-118
 Radionuclide Production Cross Section to 9486. %



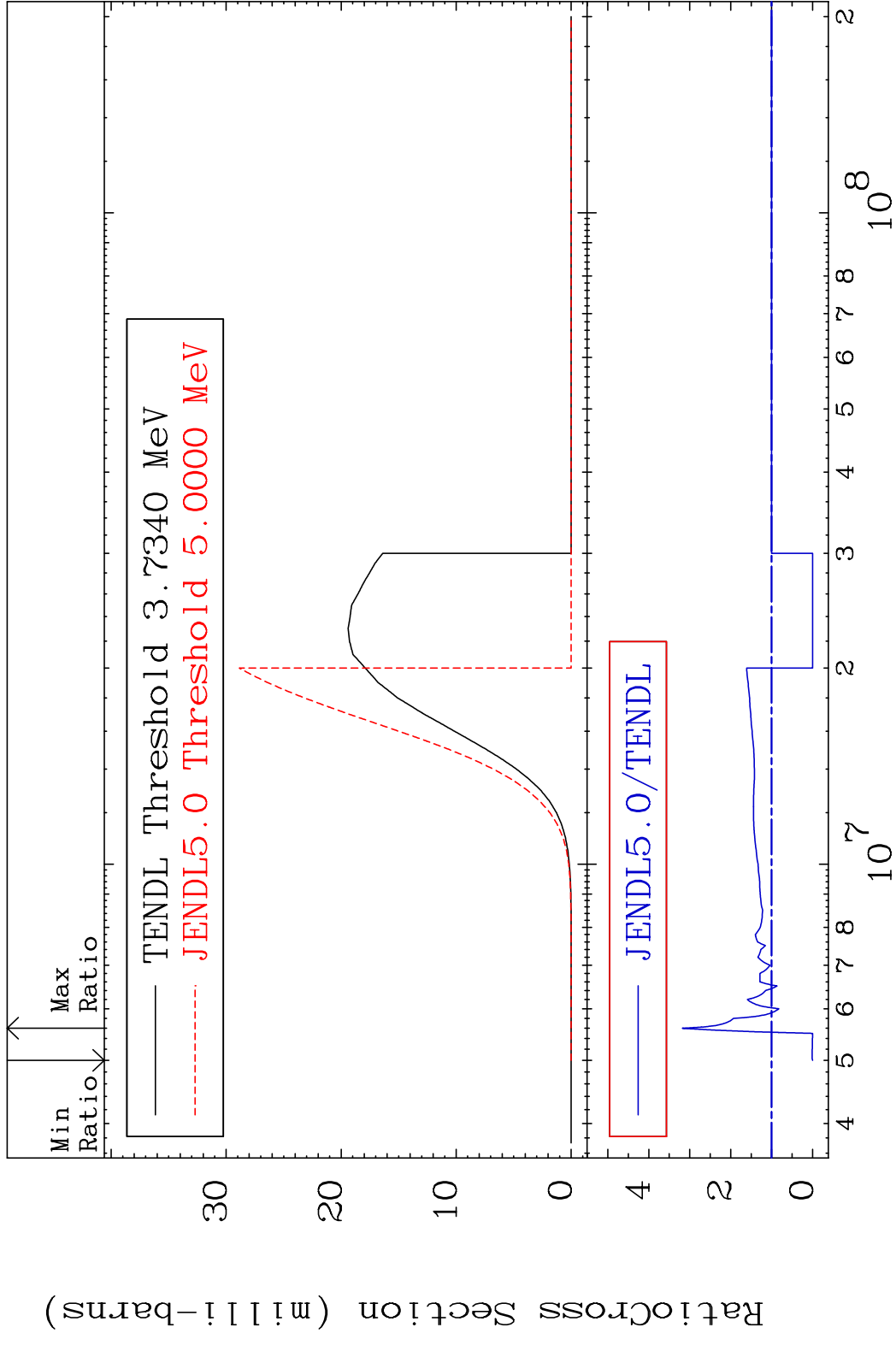
65 50-Sn-118

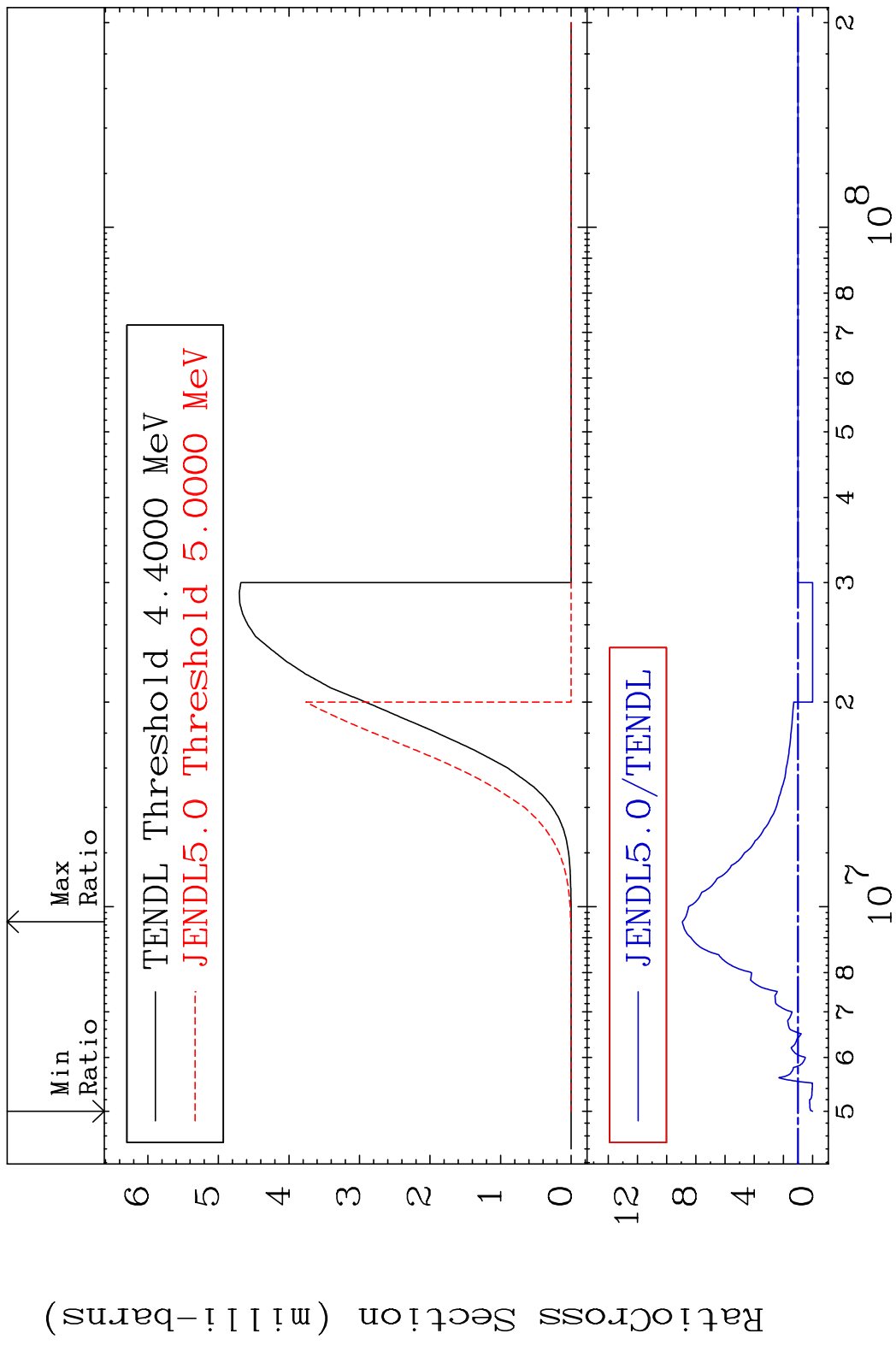


MAT 5043 (n,p):49-In-118g 50-Sn-118
 Radionuclide Production Cross Section to 9999. %

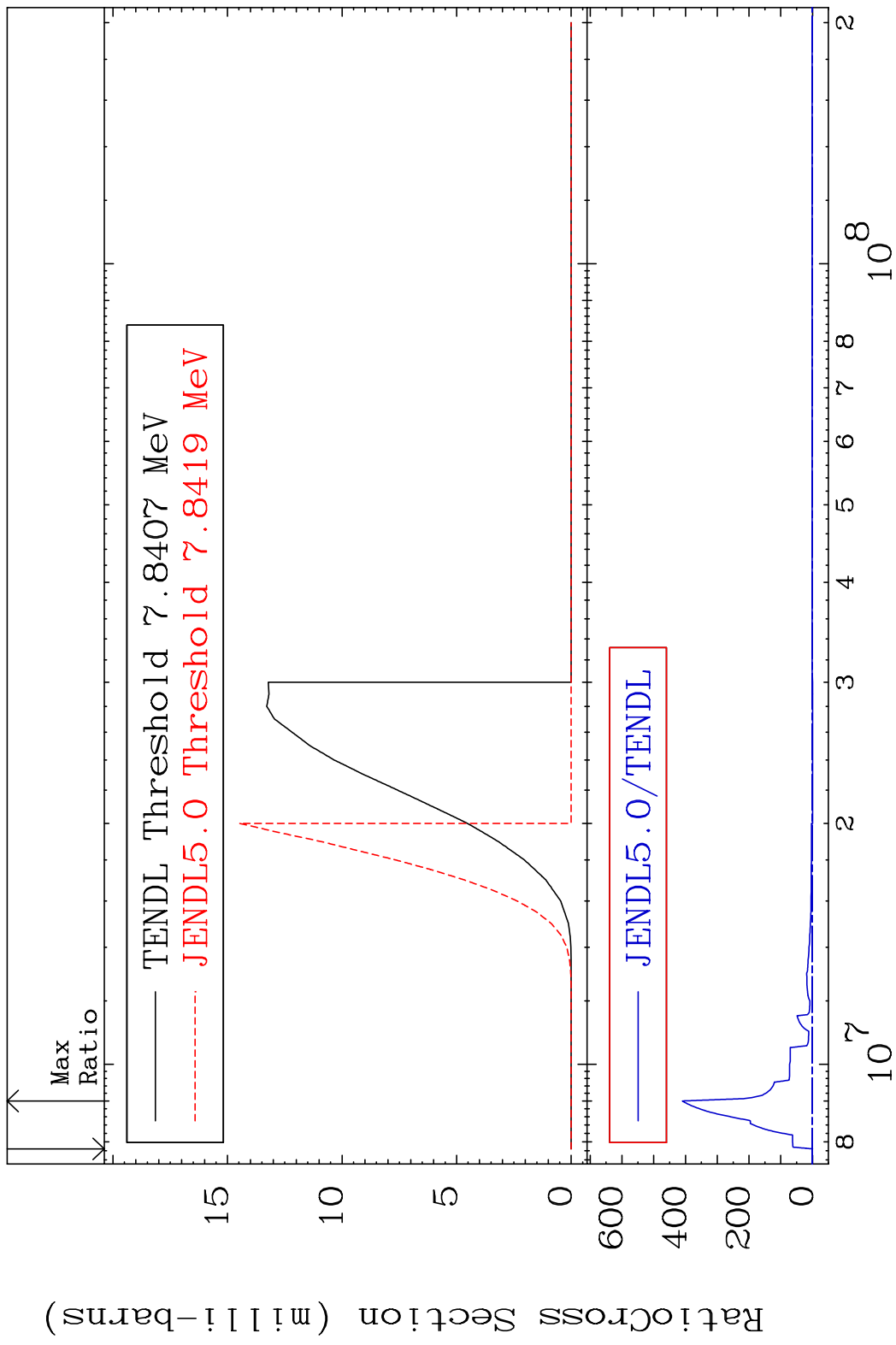


MAT 5043 (n, p): 49-In-118m1 50-Sn-118
 Radionuclide Production Cross Section 180.0 mb 218.0 %

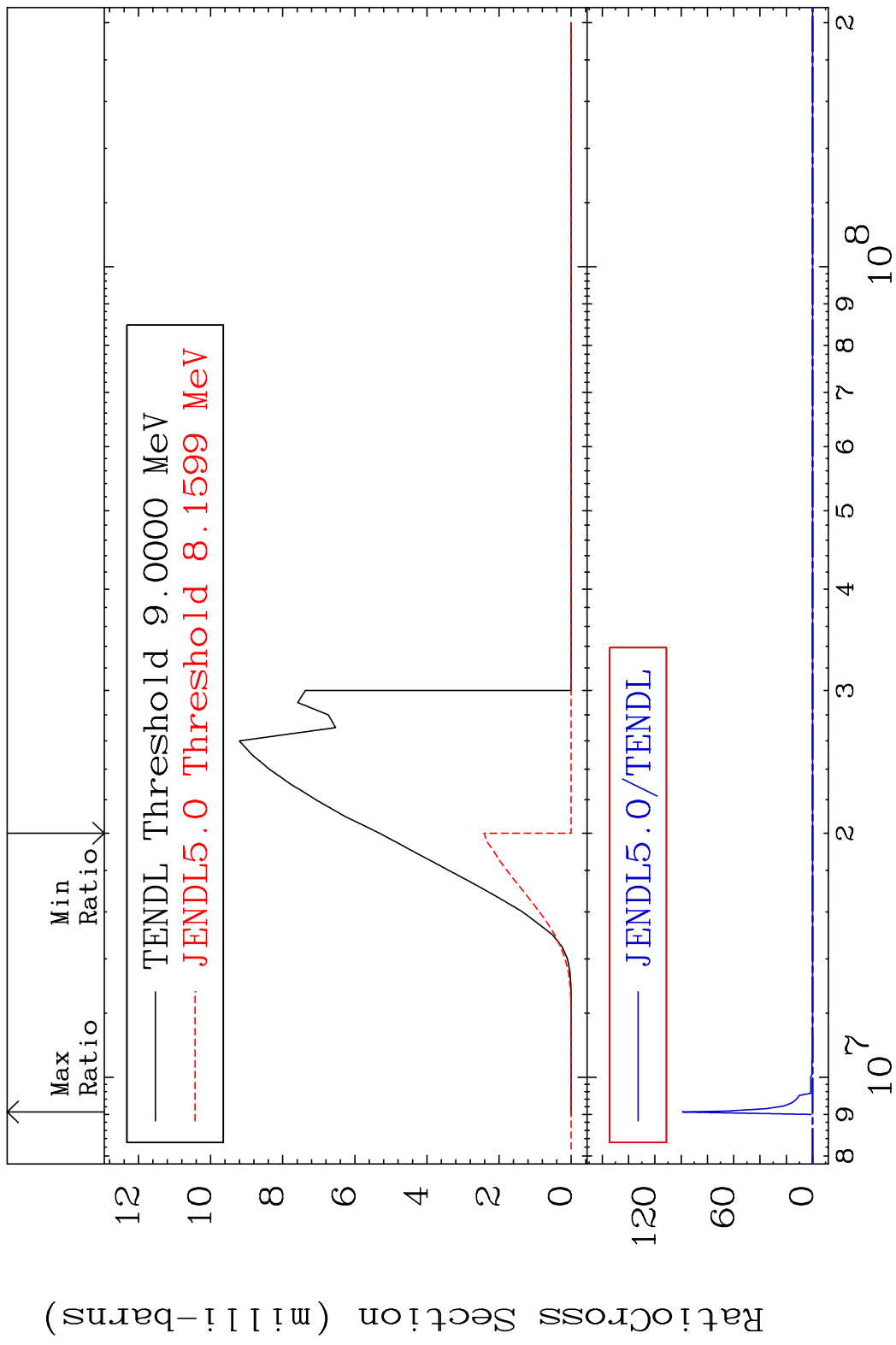




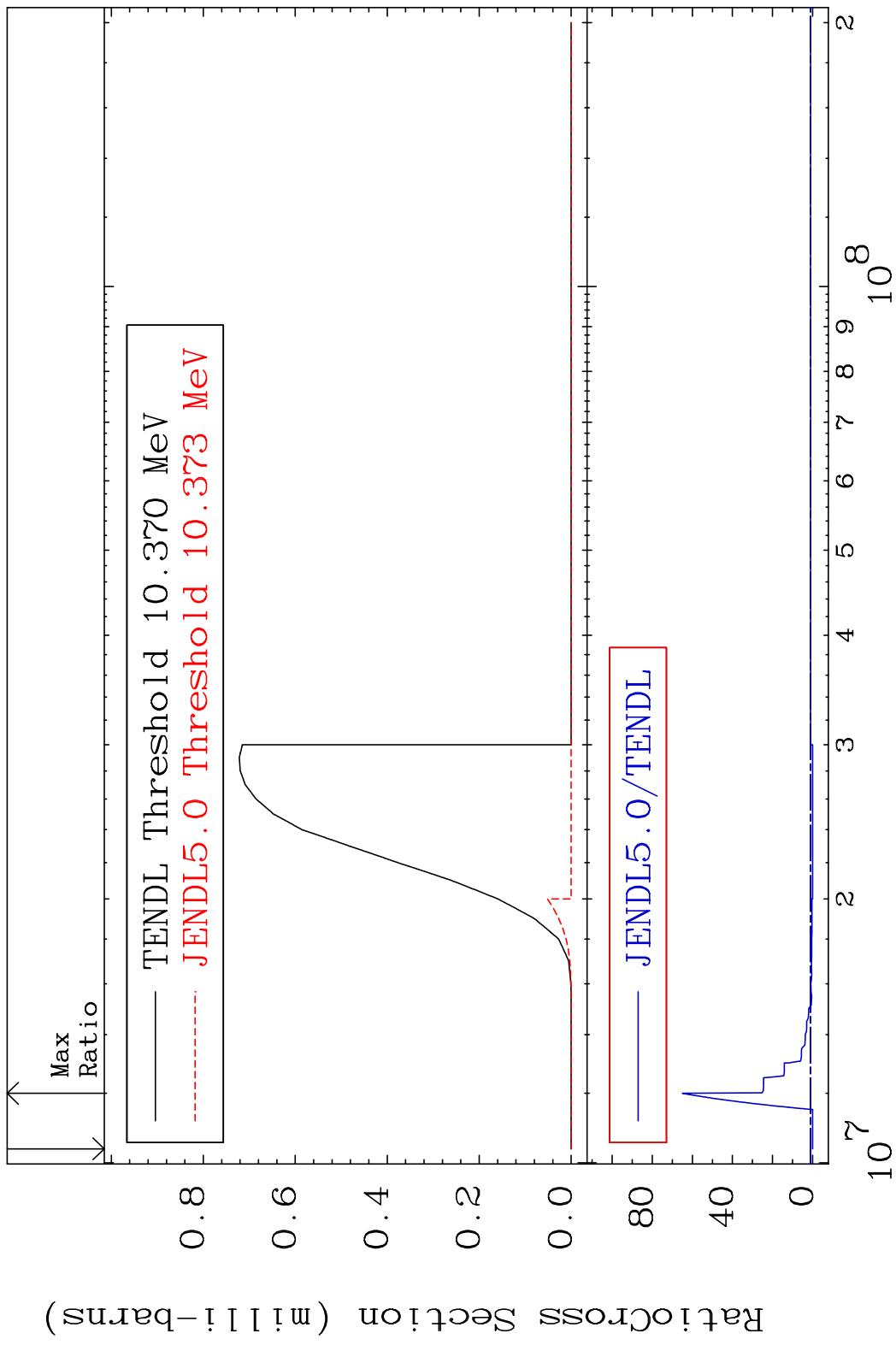
MAT 5043 (n,d):49-In-117g 50-Sn-118
 Radionuclide Production Cross Section 100.00 %



70 50-Sn-118



MAT 5043 (n,t):49-In-116g 50-Sn-118
 Radionuclide Production Cross Section 6399. %



72 Incident Energy (eV) 50-Sn-118

