

Program Complot
(Version 2021-1)

by

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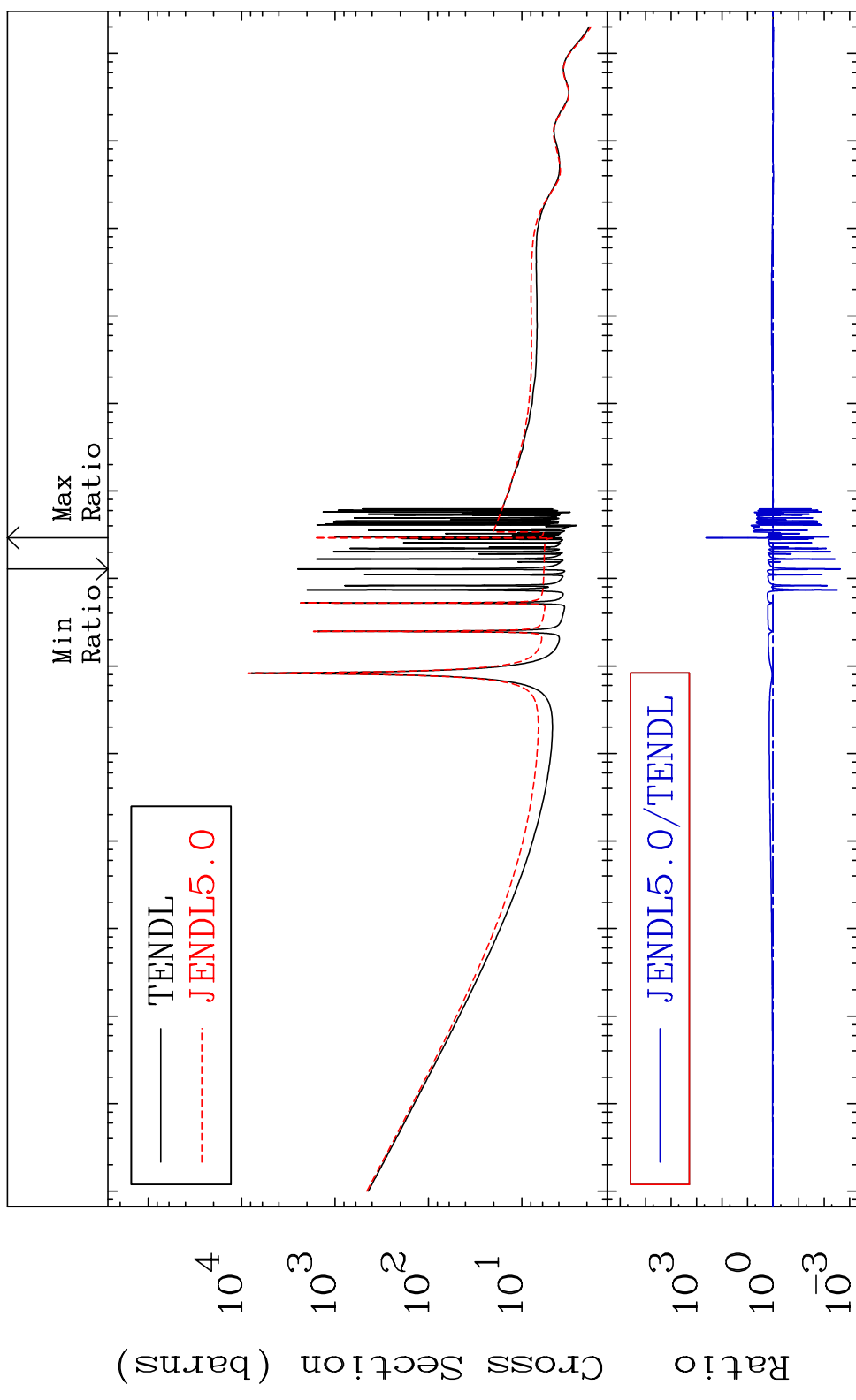
Press Mouse Button to Start

MAT 5028

Total

50-Sn-113

Cross Section -99.777 To 9999. %



1

Incident Energy (eV)

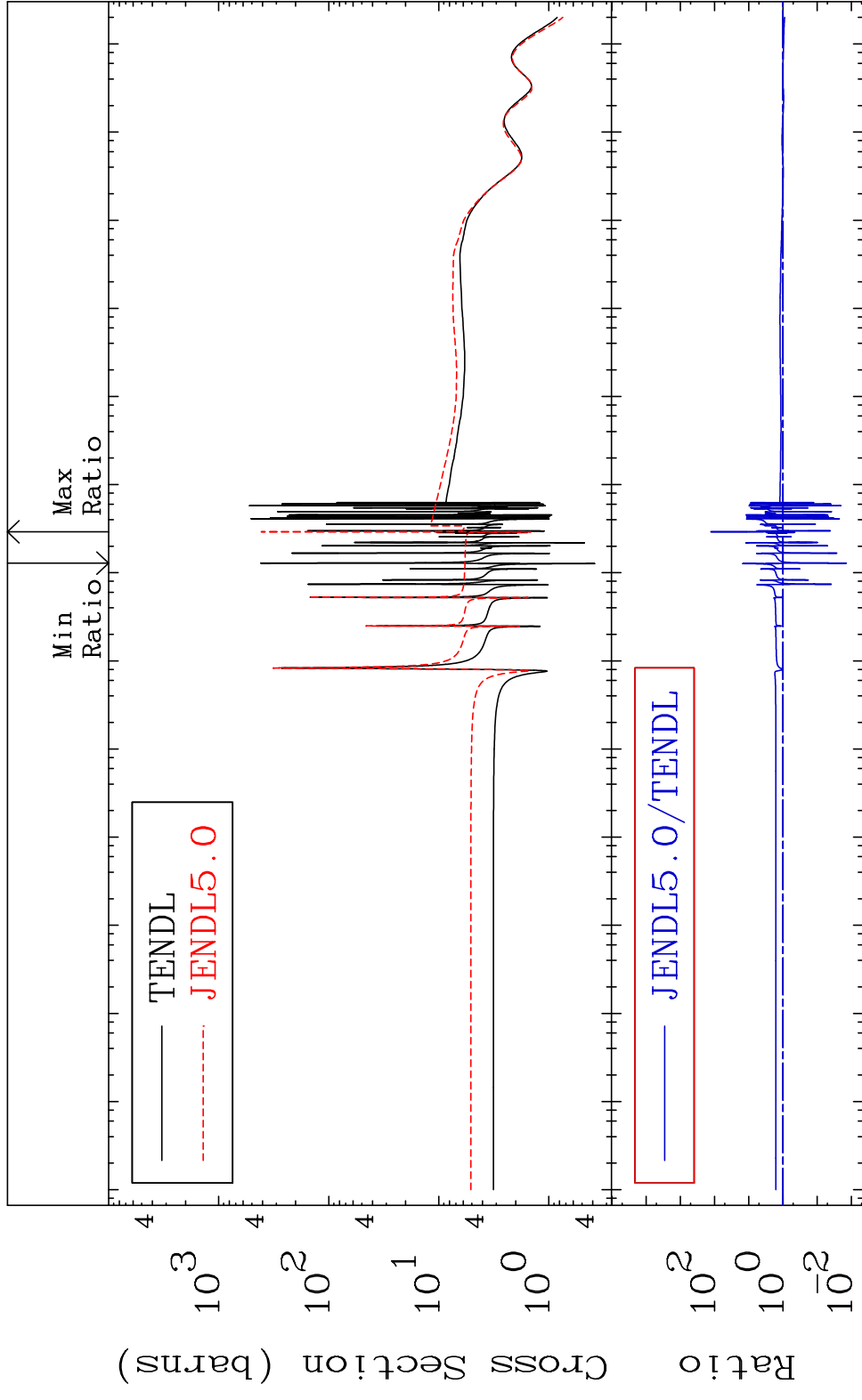
50-Sn-113

MAT 5028

Elastic

50-Sn-113

Cross Section -98.61 To 9999. %

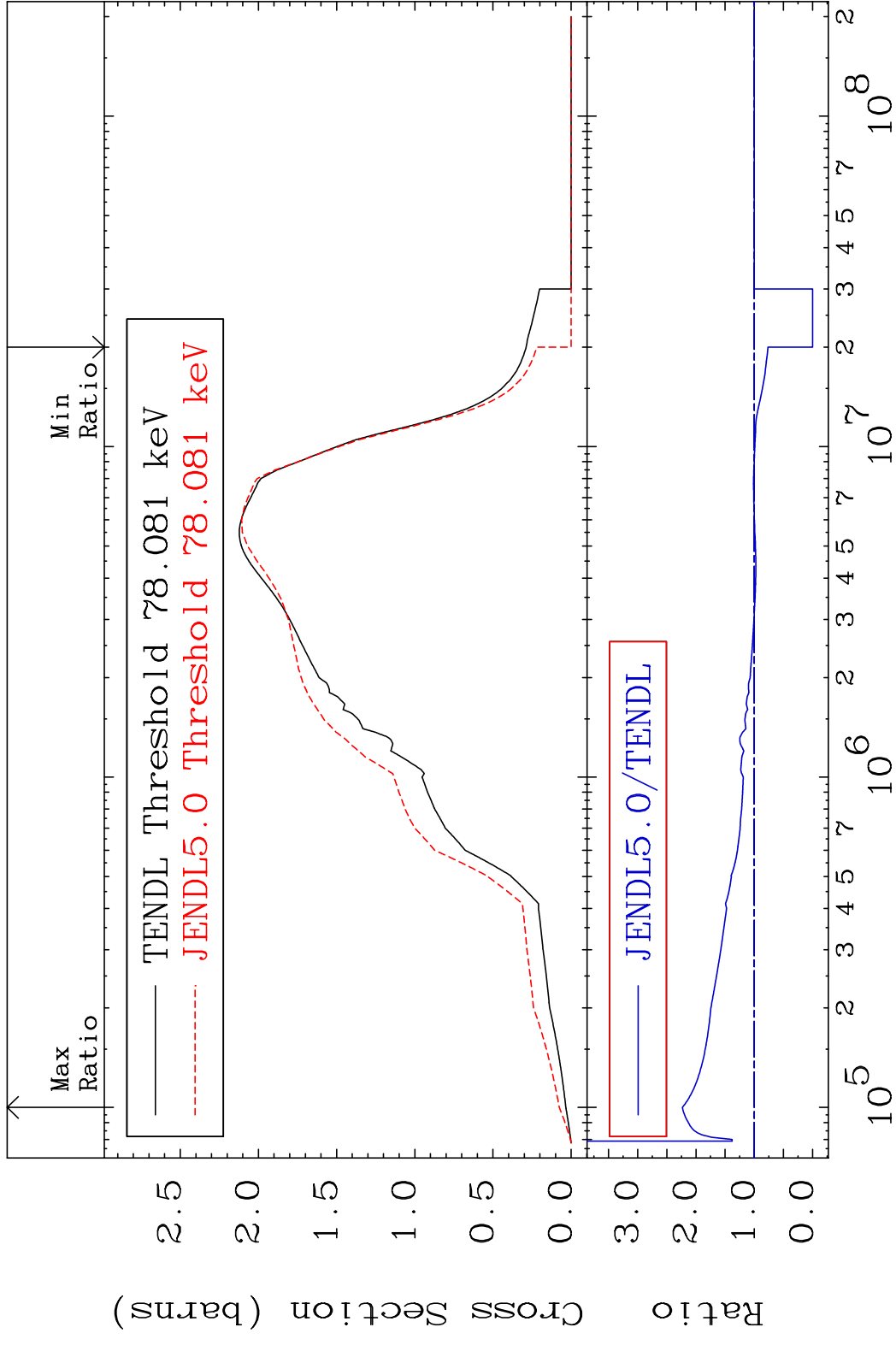


2

Incident Energy (eV)

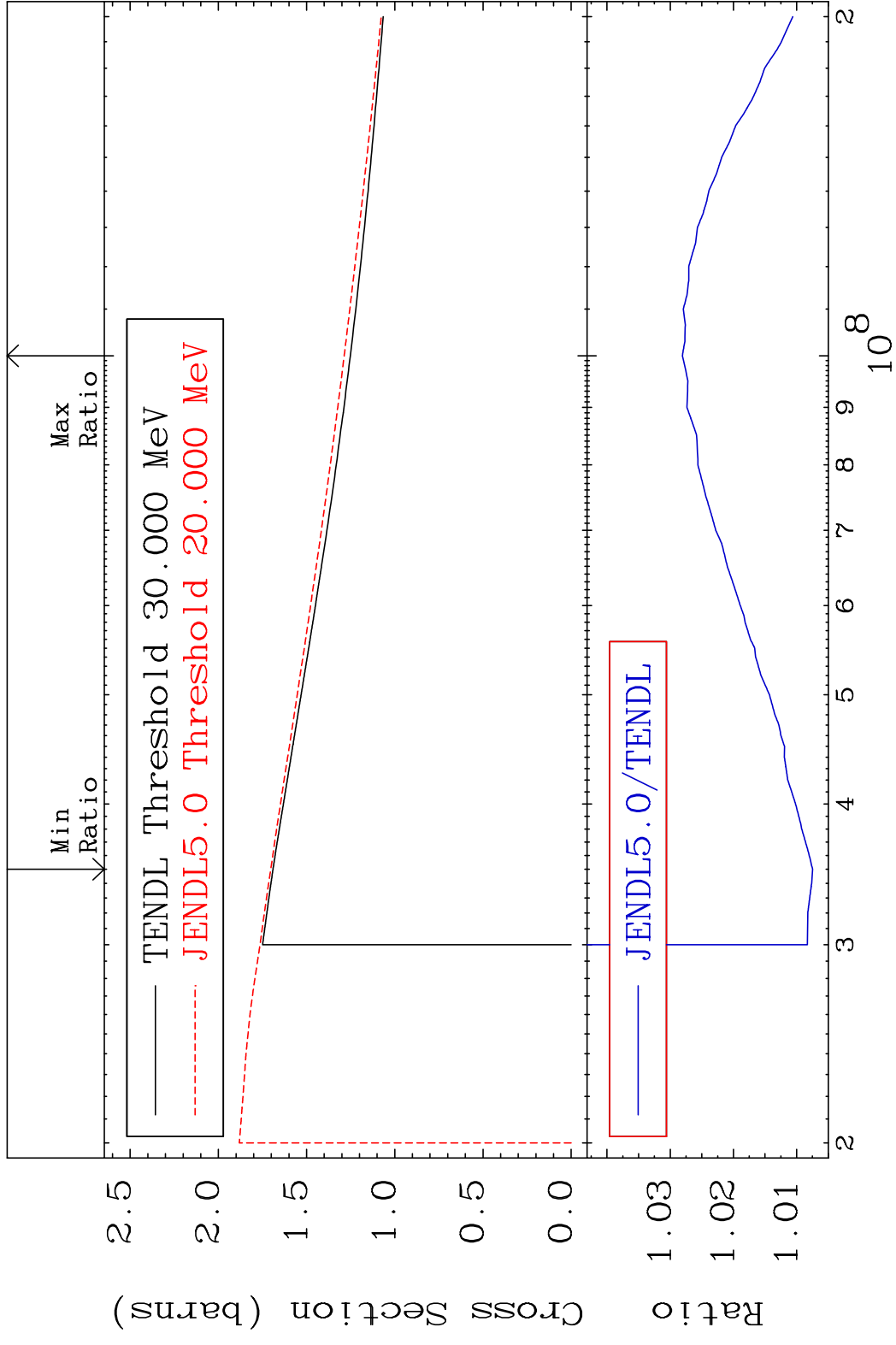
50-Sn-113

MAT 5028 Inelastic 50-Sn-113
 Cross Section -100.0 To 123.3 %



3 50-Sn-113

MAT 5028 (n, remainder) 50-Sn-113
 Cross Section 0.749 To 2.808 %

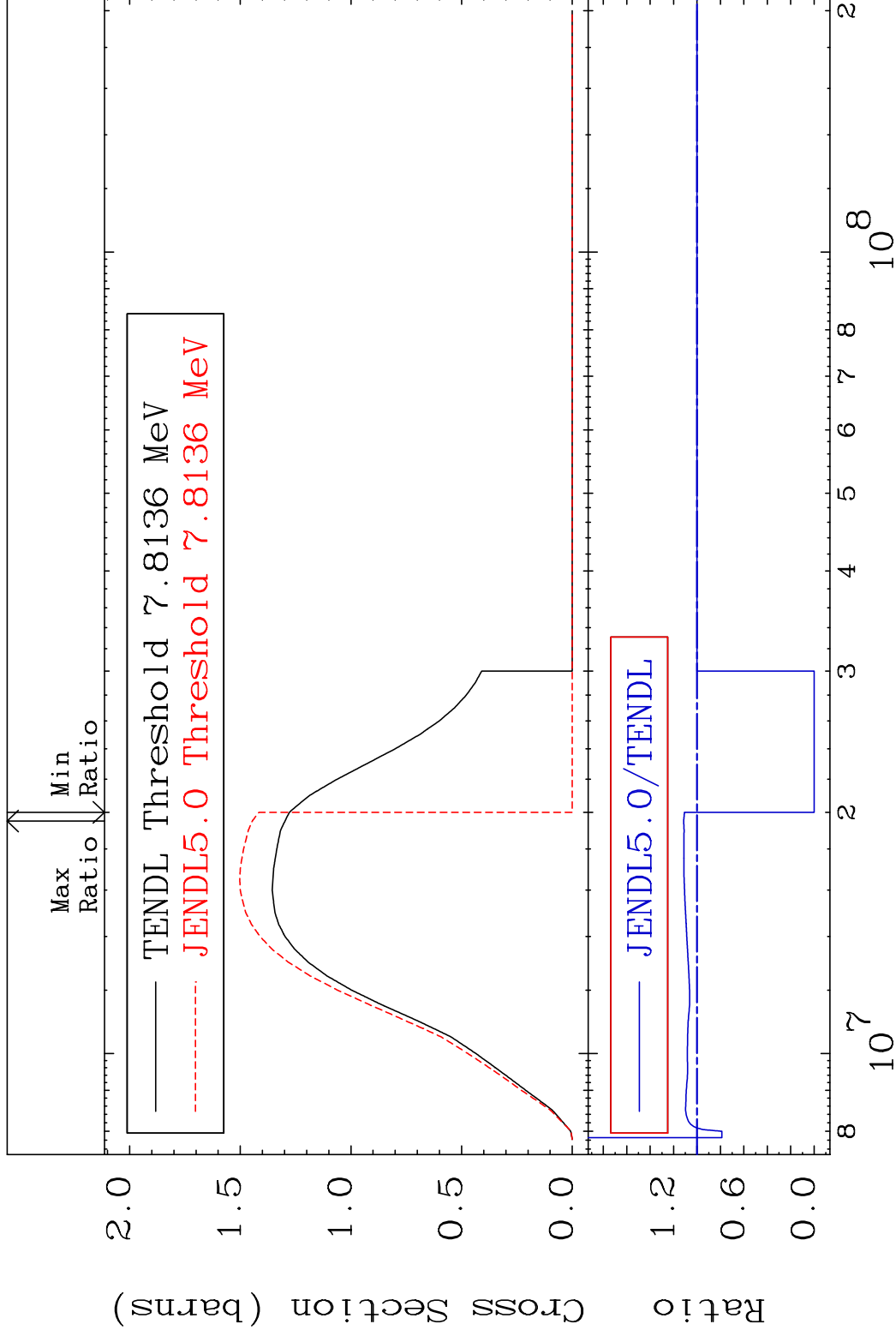


MAT 5028

(n,2n)

50-Sn-113

Cross Section -100.0 To 11.40 %

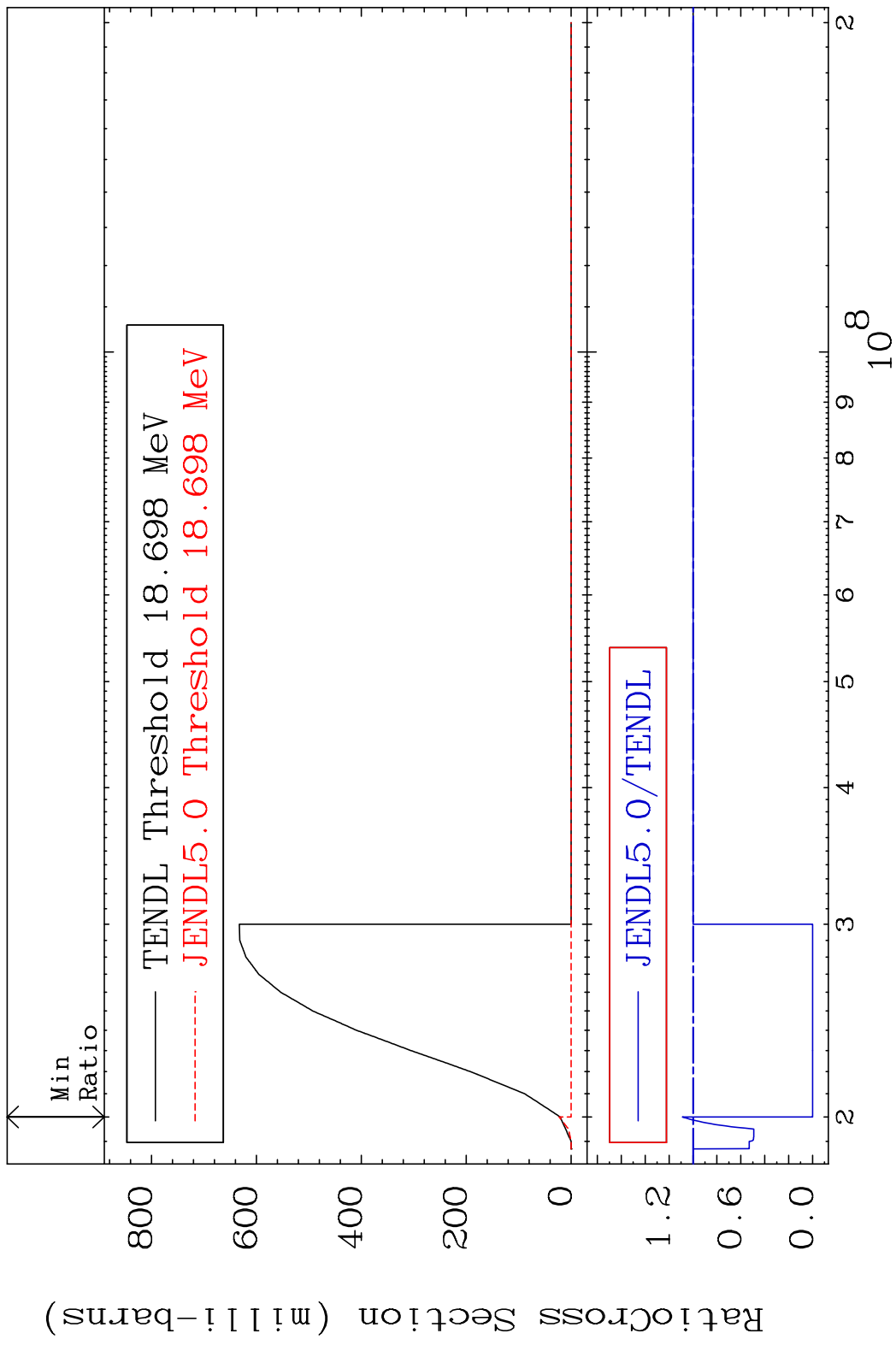


5

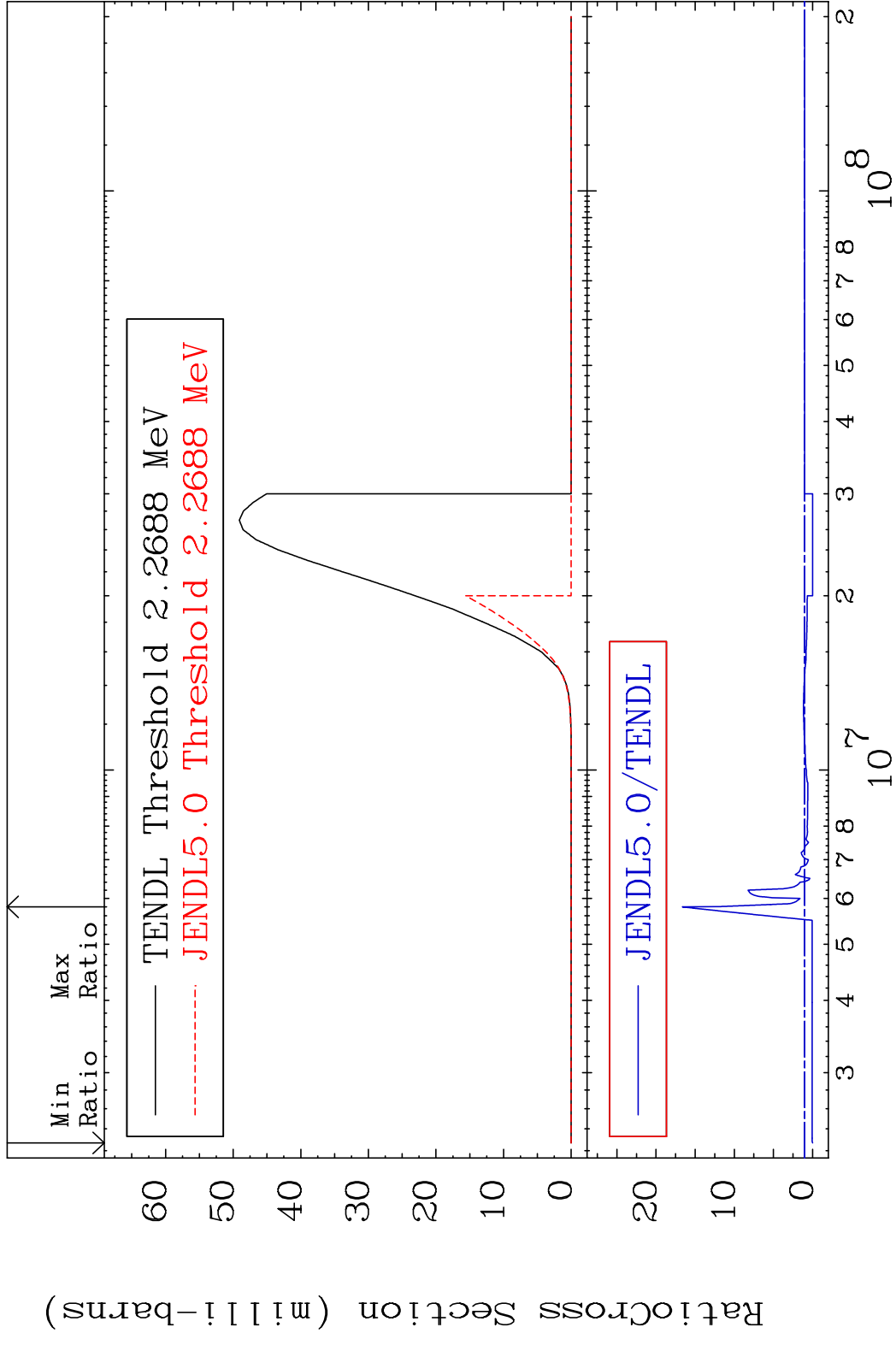
Incident Energy (eV)

50-Sn-113

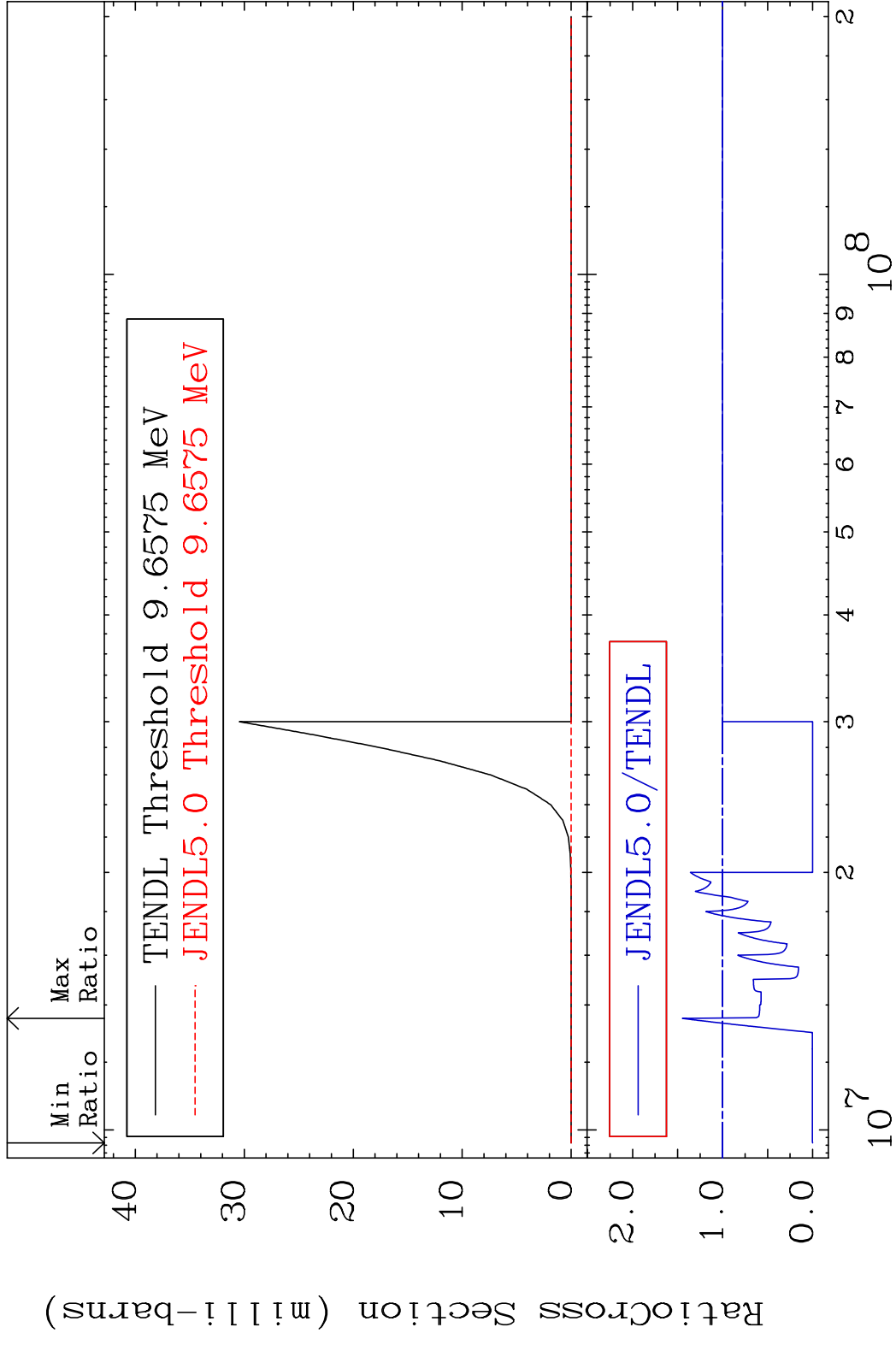
MAT 5028 (n,3n) 50-Sn-113
 Cross Section -100.0 To 8.913 %



MAT 5028 (n, n') α 50-Sn-113
 Cross Section -100.0 To 1564. %

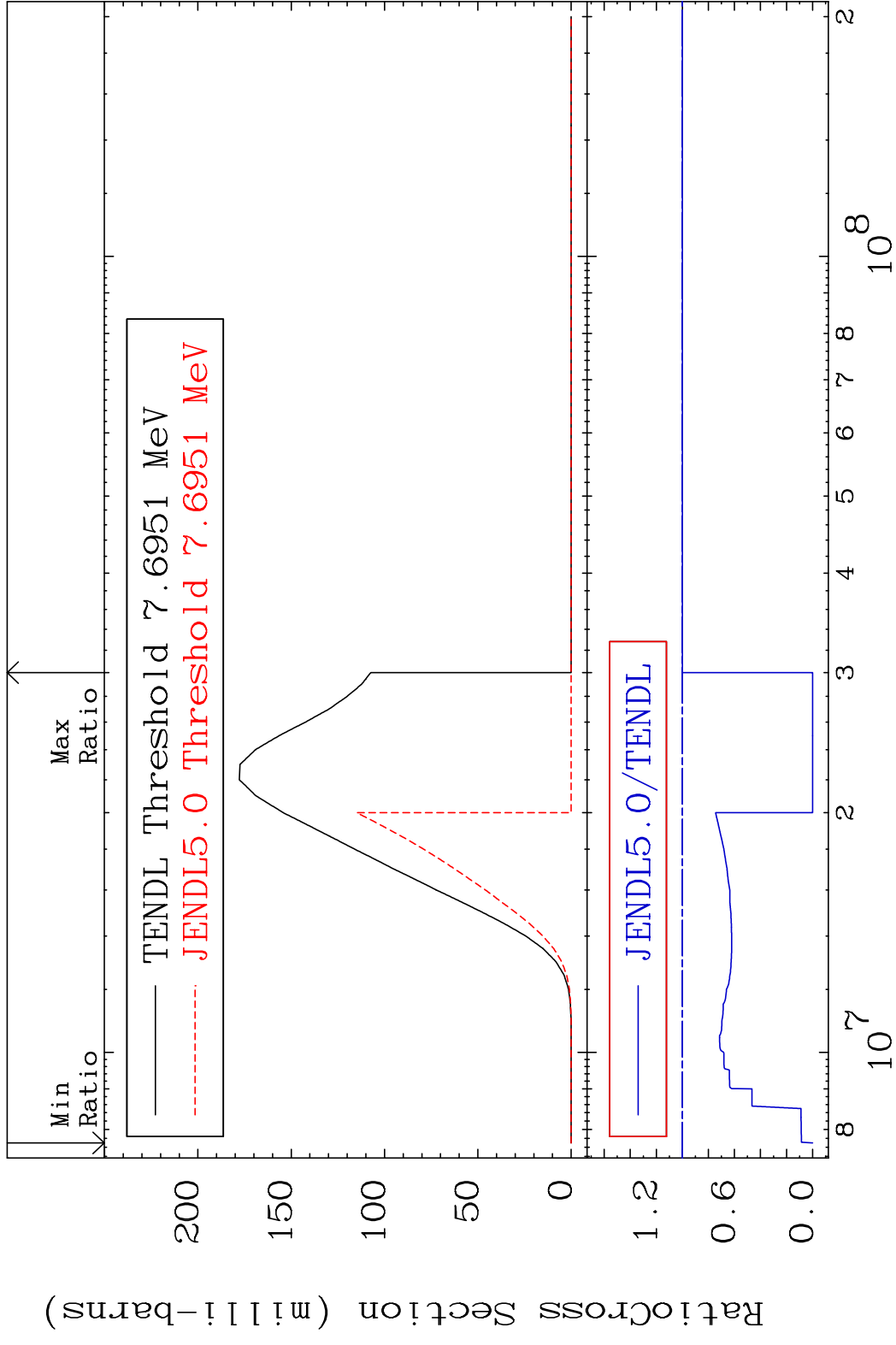


MAT 5028 (n,2n) α 50-Sn-113
 Cross Section -100.0 To 44.72 %



8 Incident Energy (eV) 50-Sn-113

MAT 5028 (n, n') p 50-Sn-113
 Cross Section -100.0 To 0.000 %



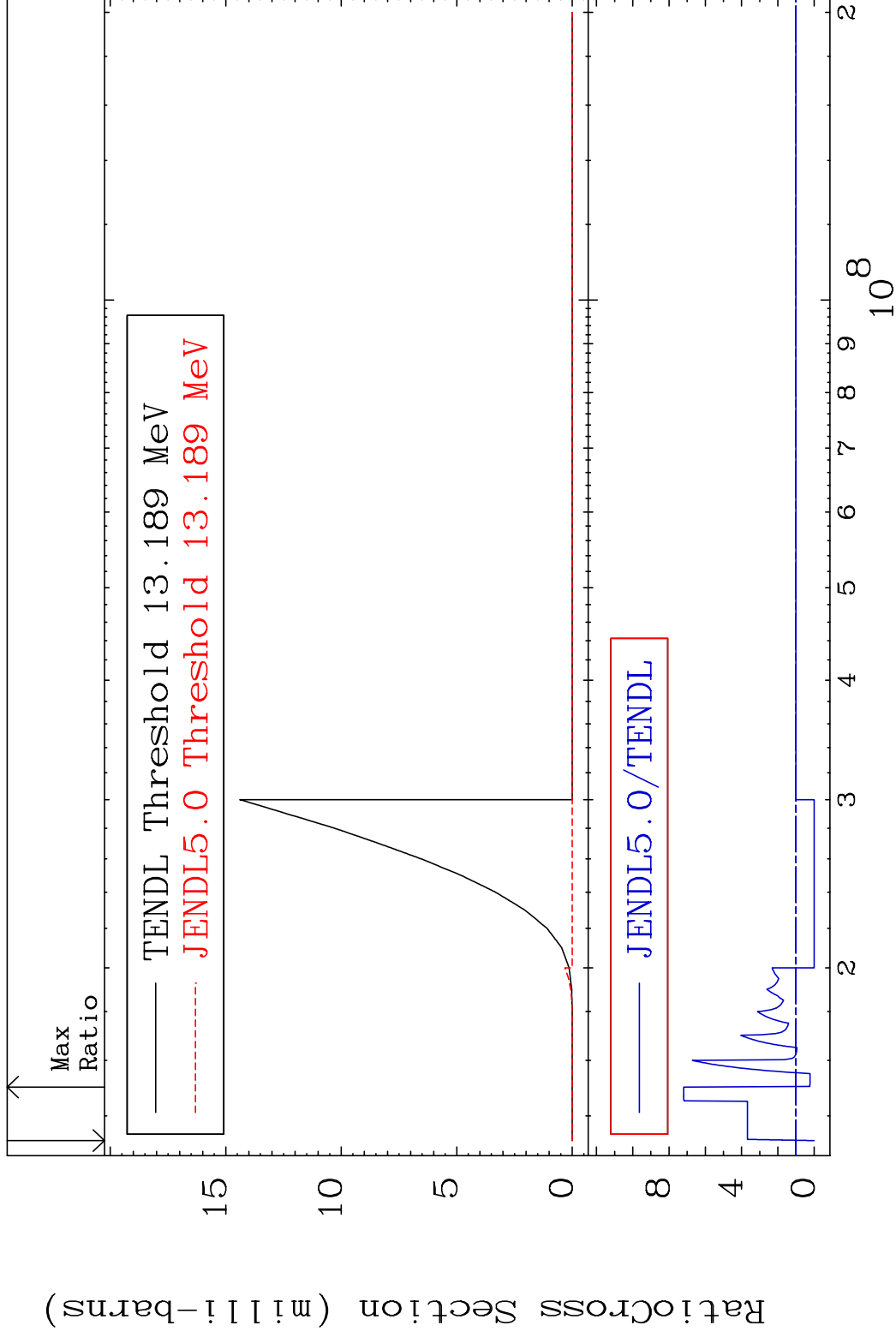
9 9 Incident Energy (eV) 50-Sn-113

MAT 5028

(n, n') d

50-Sn-113

Cross Section -100.0 To 619.4 %

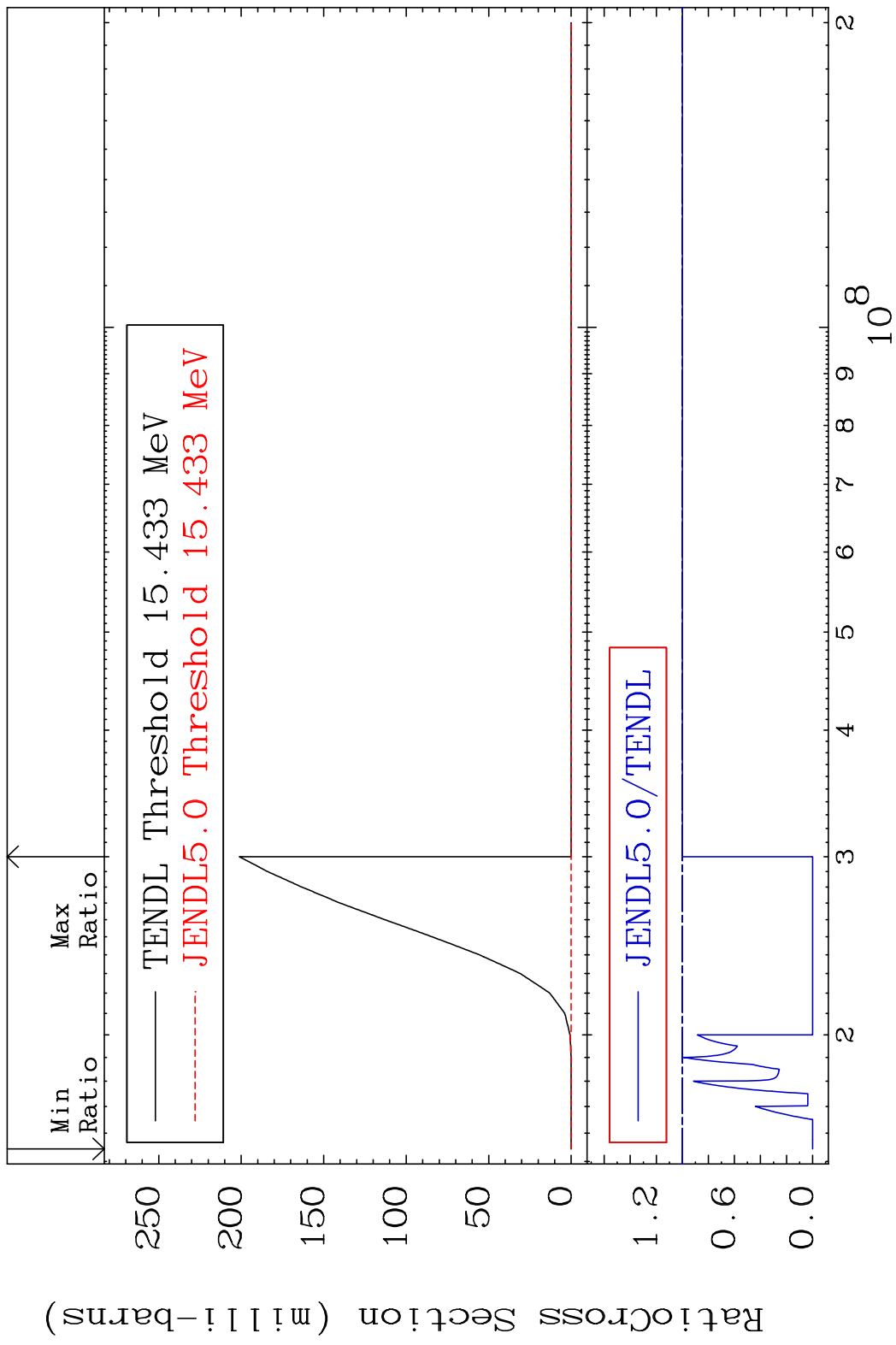


10

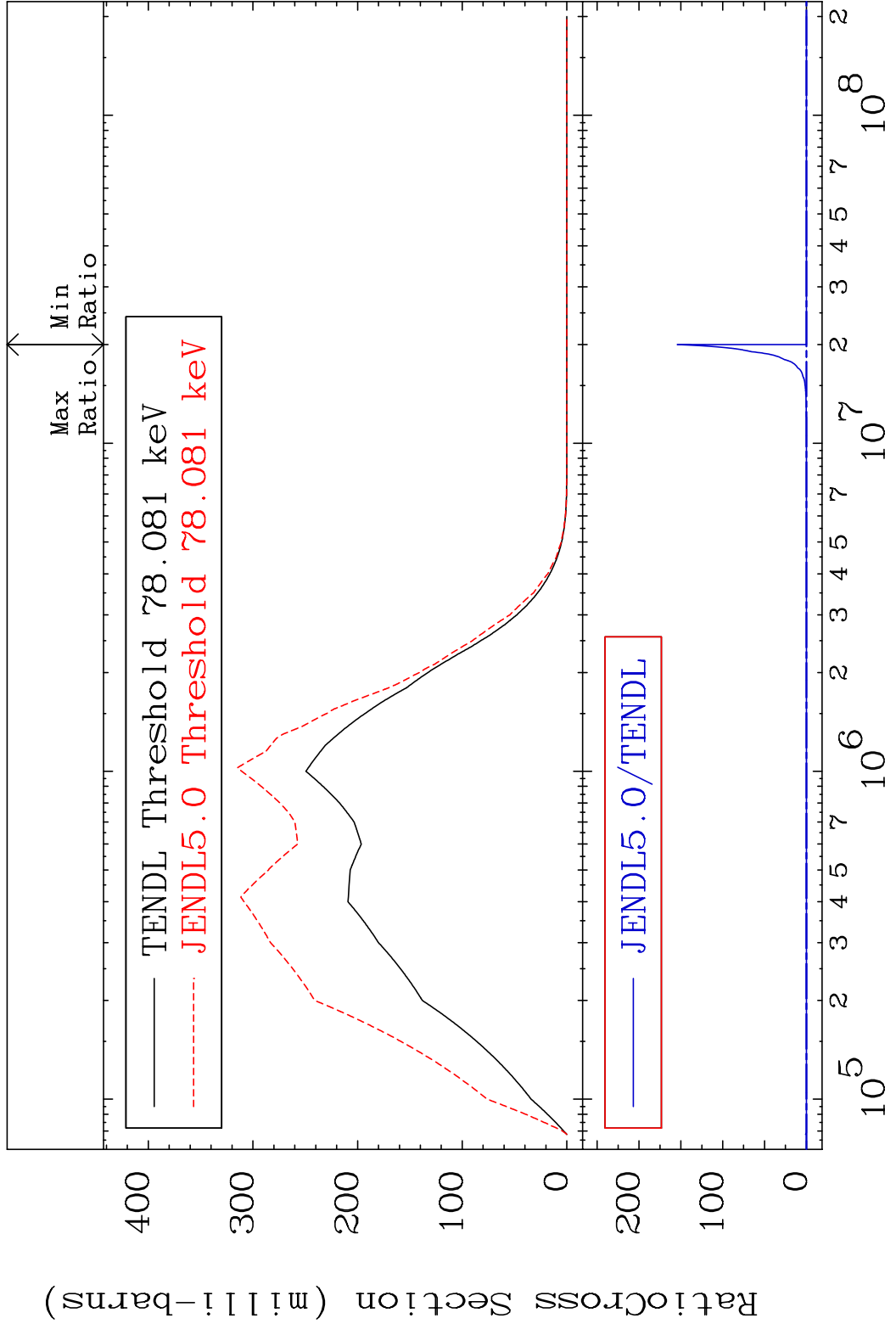
Incident Energy (eV)

50-Sn-113

MAT 5028 (n,2n) p 50-Sn-113
 Cross Section -100.0 To 0.000 %

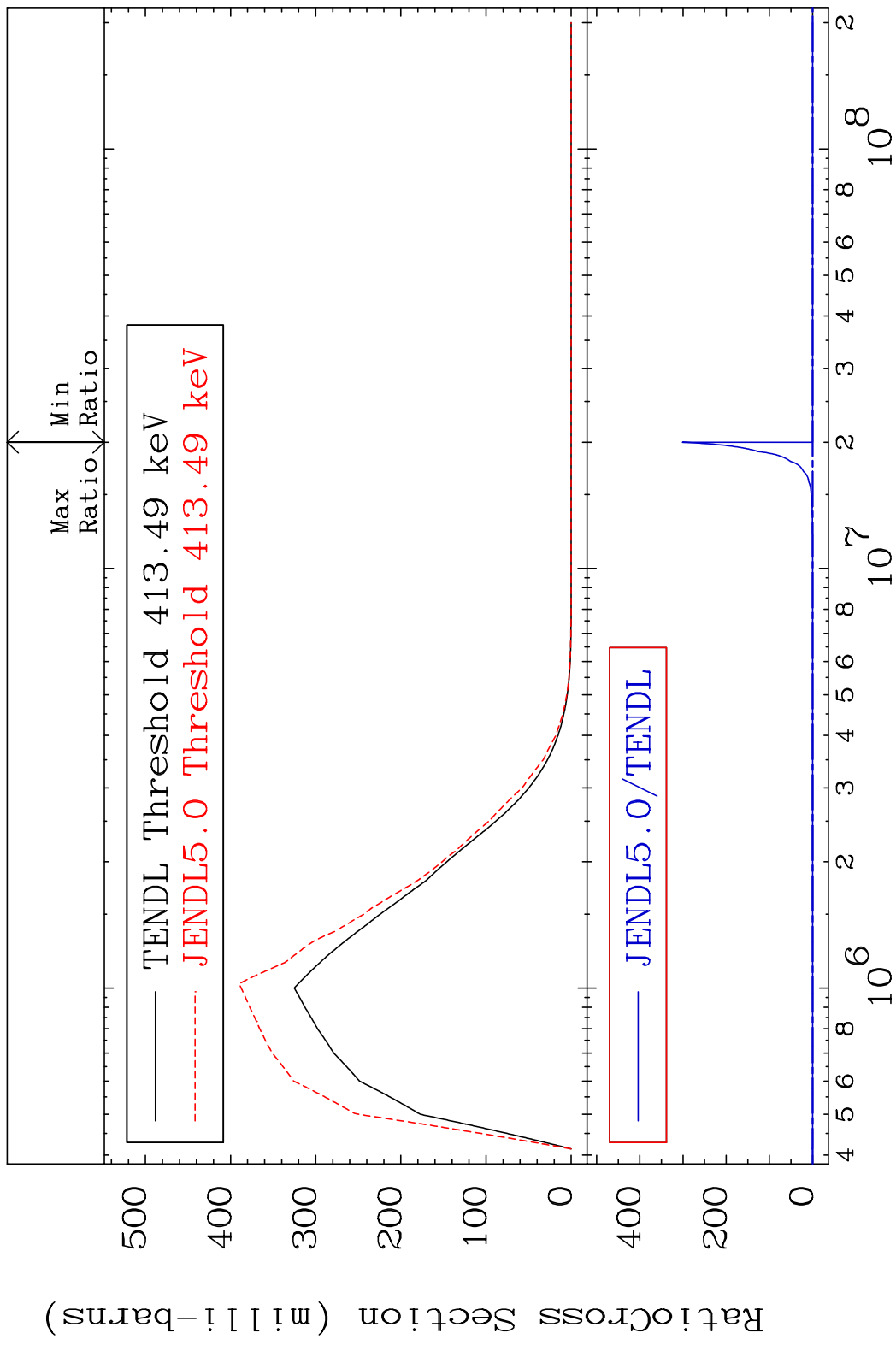


MAT 5028 MT= 51 (n,n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %



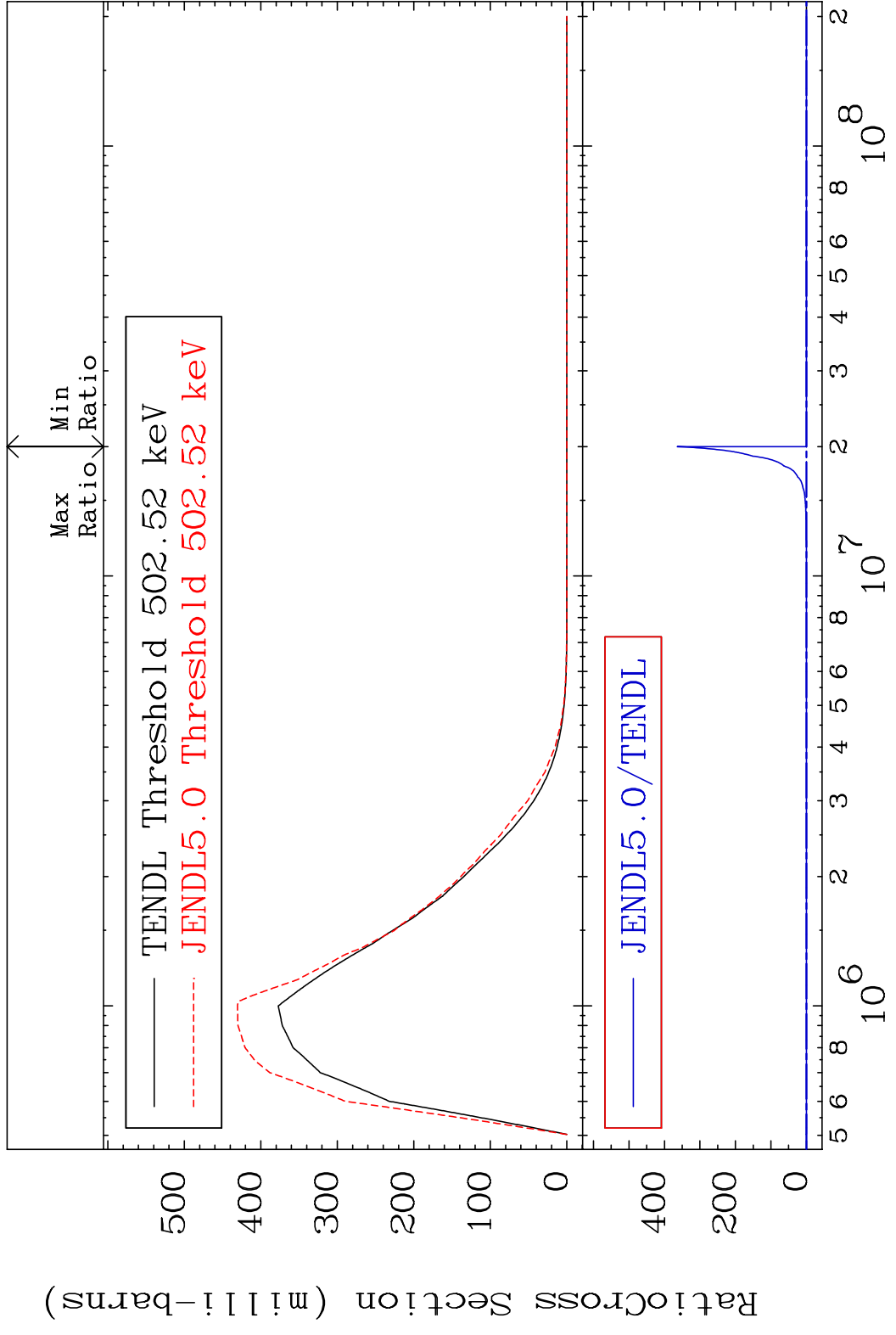
12 Incident Energy (eV) 50-Sn-113

MAT 5028 MT= 52 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %



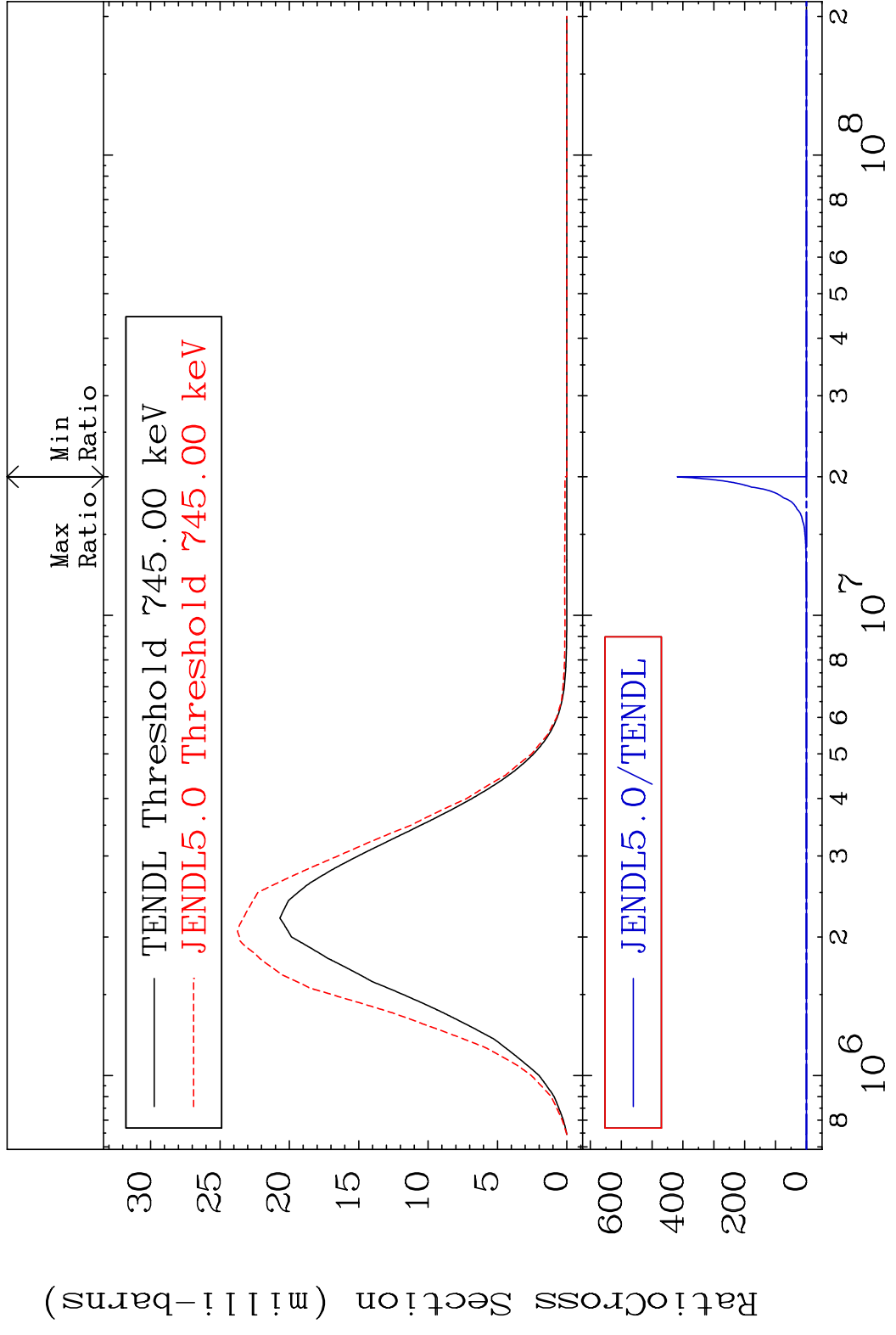
13 Incident Energy (eV) 50-Sn-113

MAT 5028 MT= 53 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %



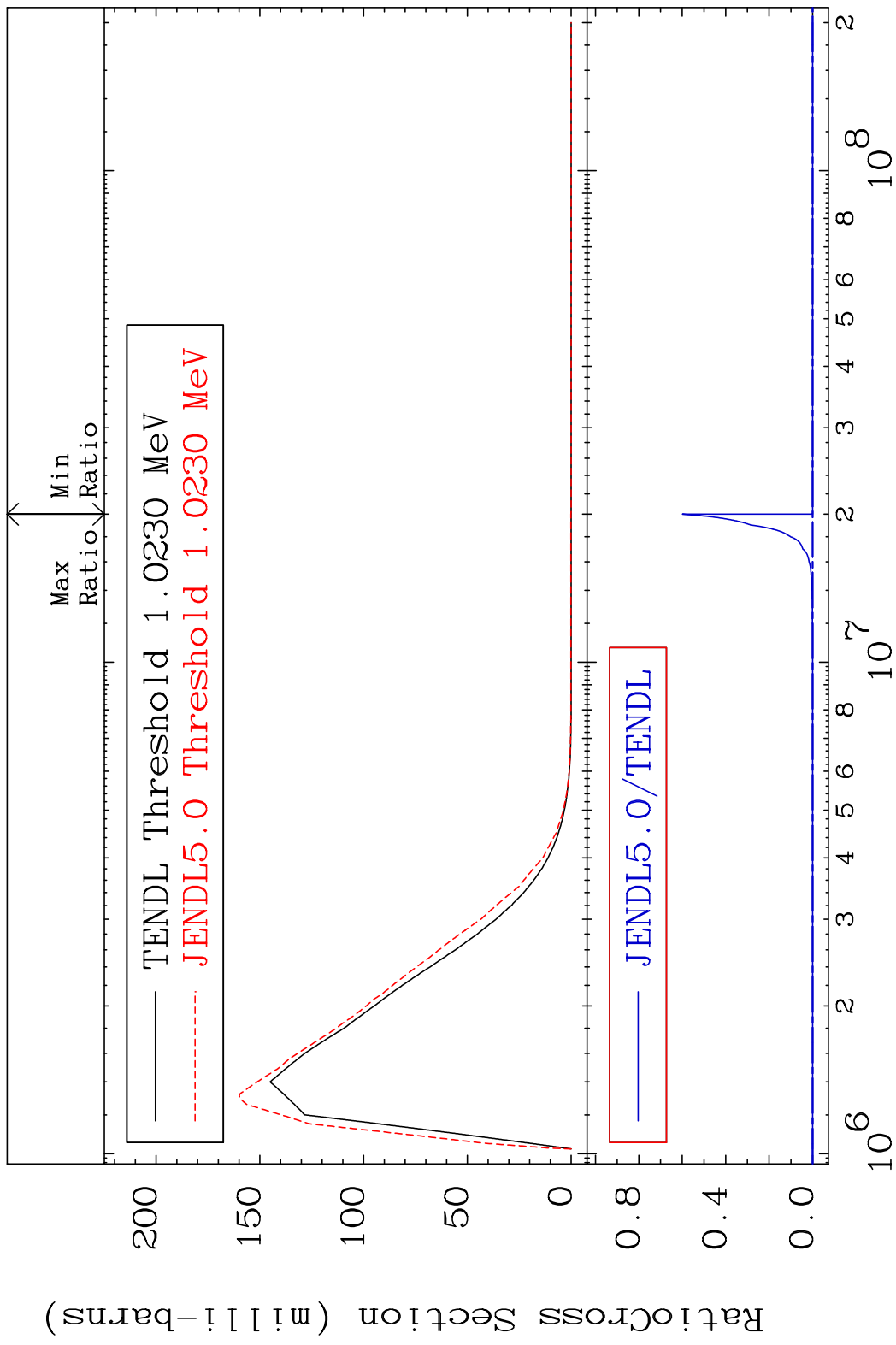
14 Incident Energy (eV) 50-Sn-113

MAT 5028 MT= 54 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %



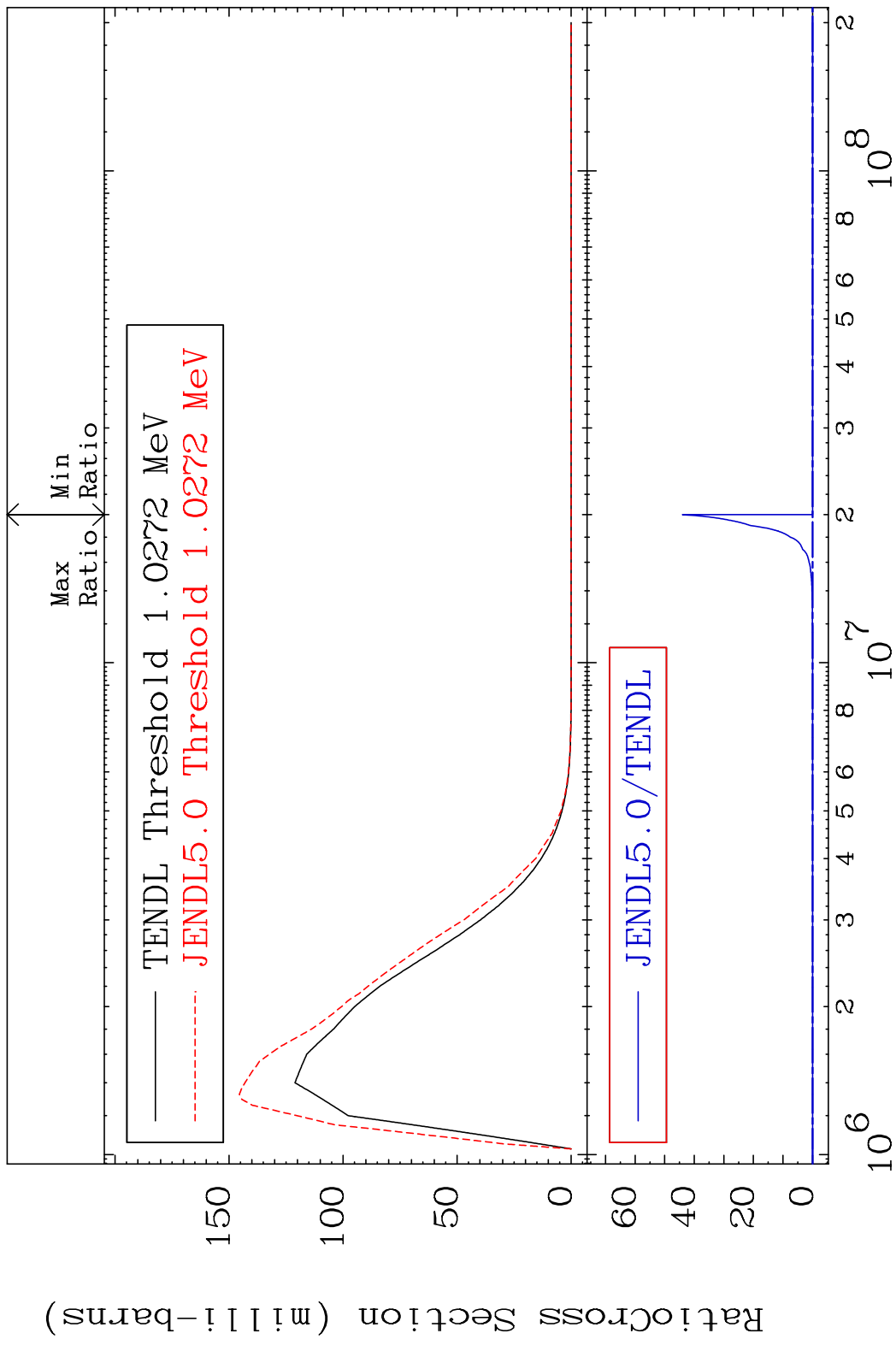
15 Incident Energy (eV) 50-Sn-113

MAT 5028 MT= 55 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %



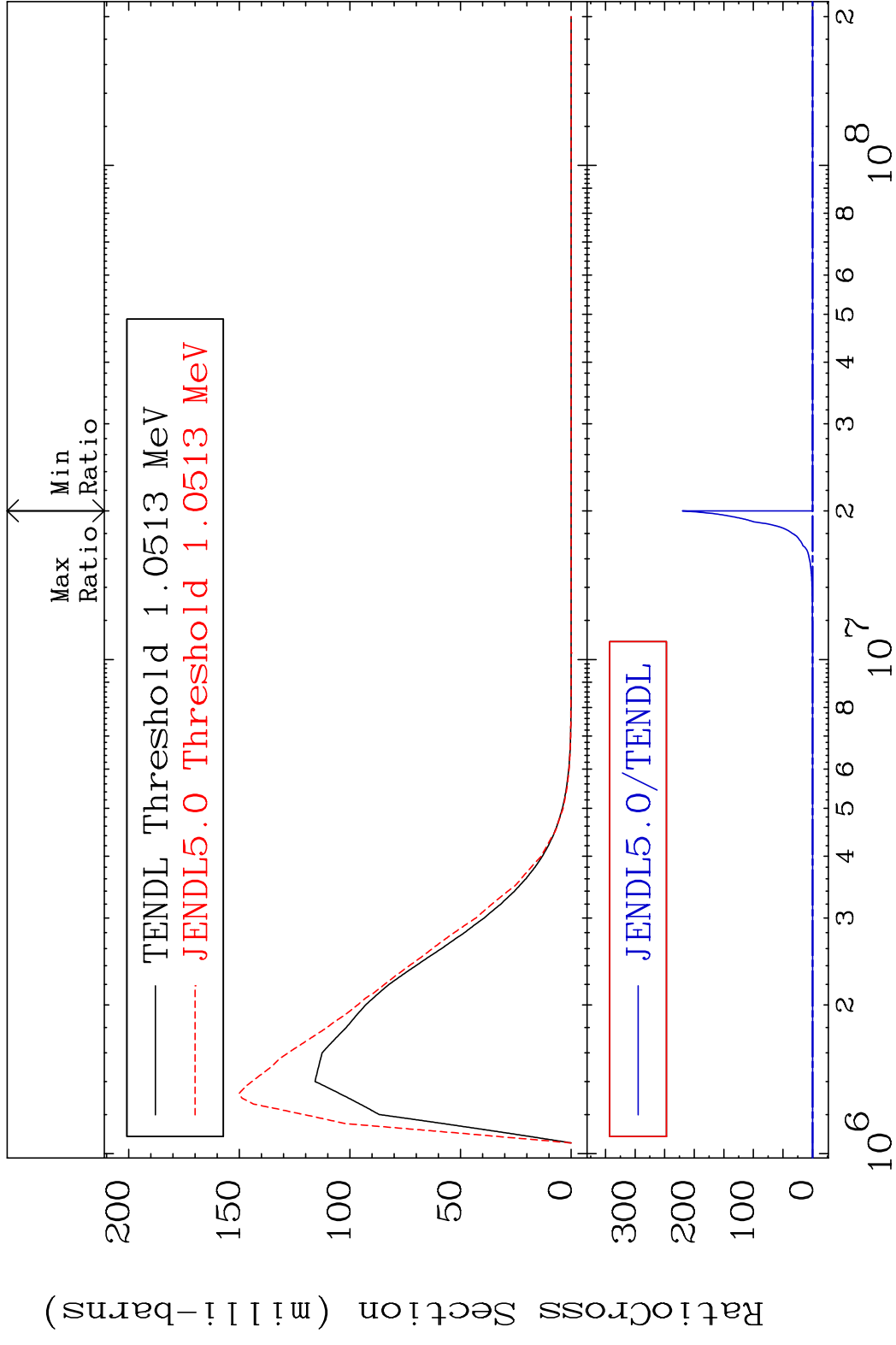
16 Incident Energy (eV) 50-Sn-113

MAT 5028 MT= 56 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %



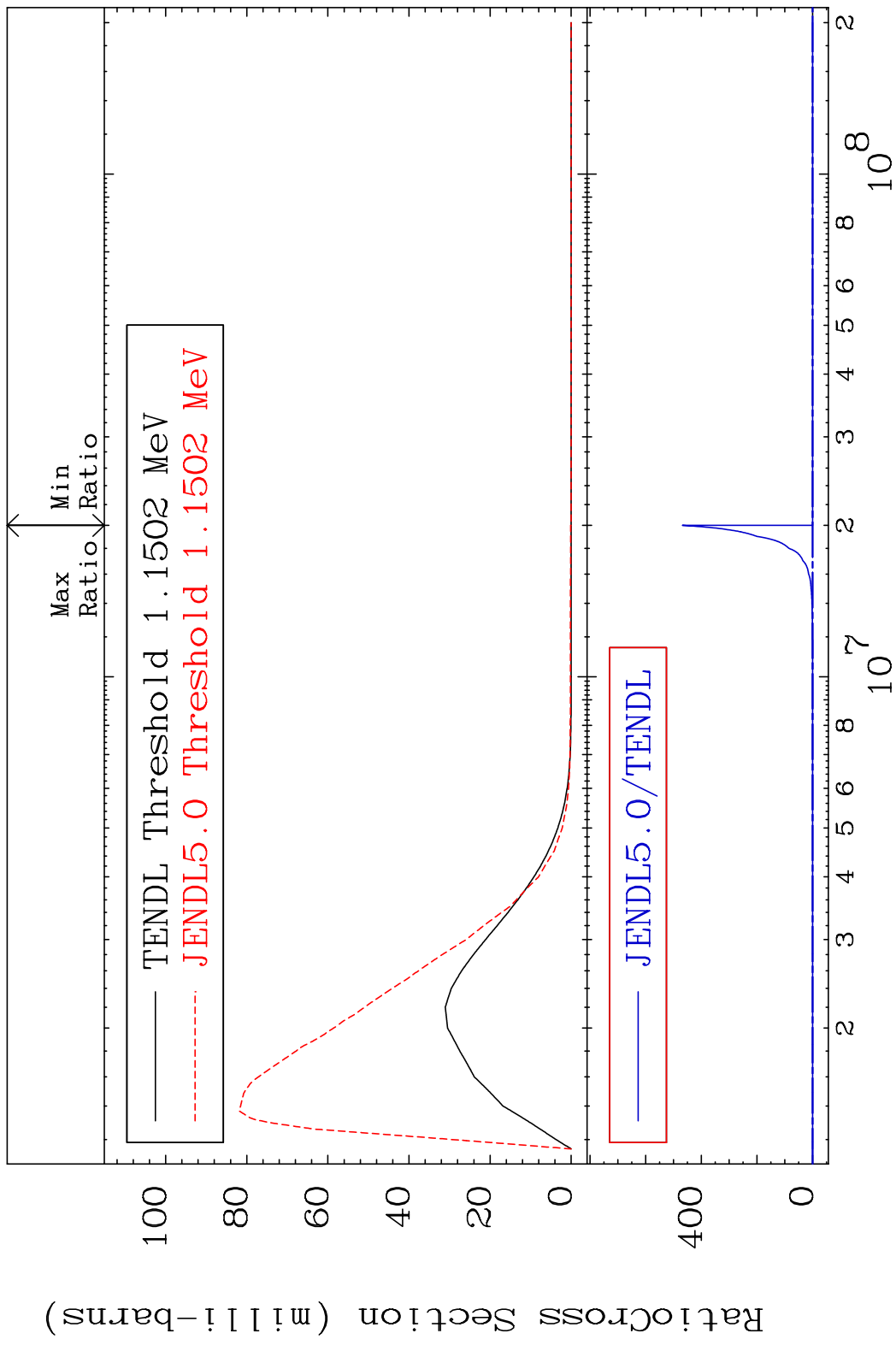
17 50-Sn-113

MAT 5028 MT= 57 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %

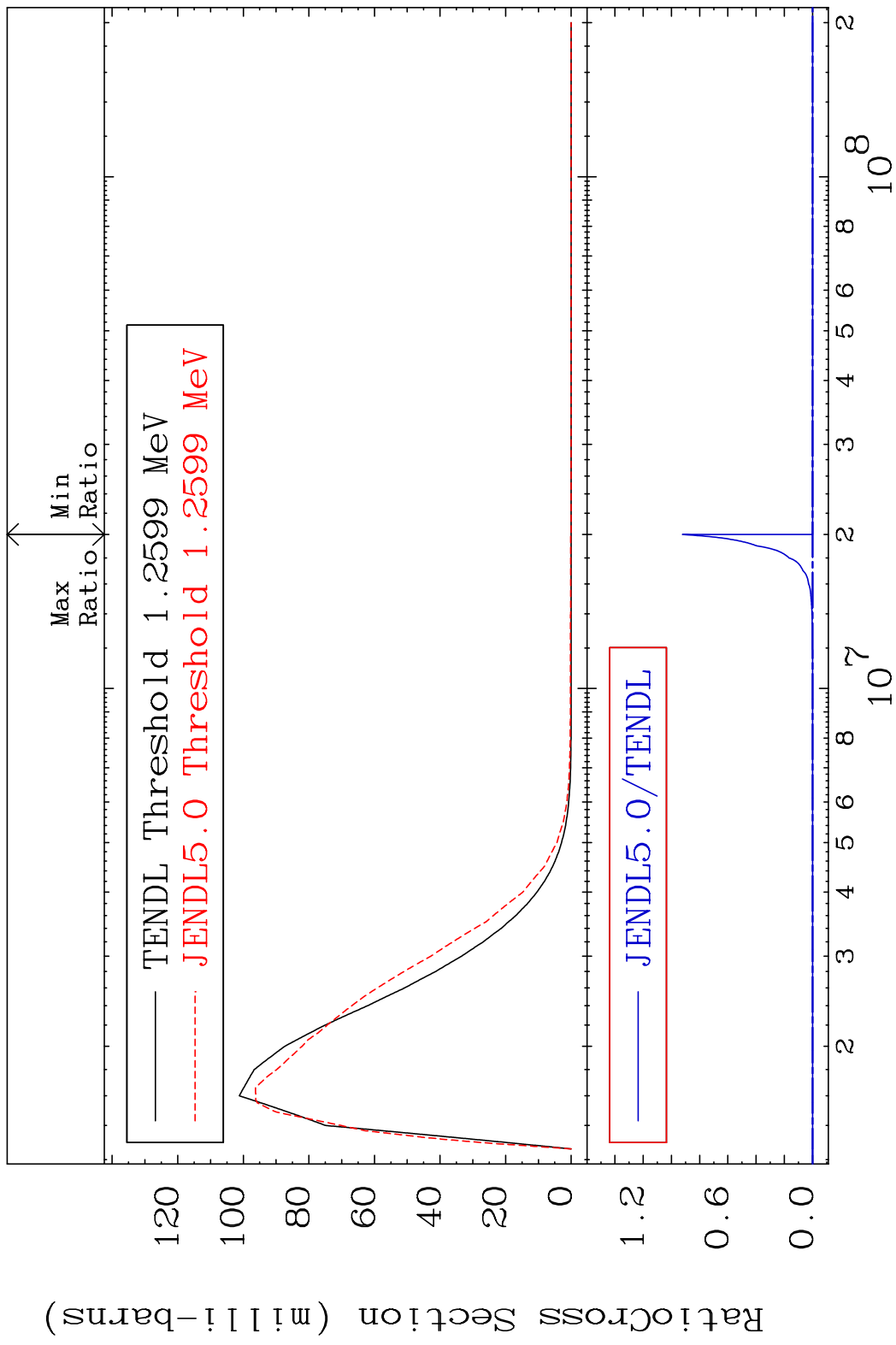


18 Incident Energy (eV) 50-Sn-113

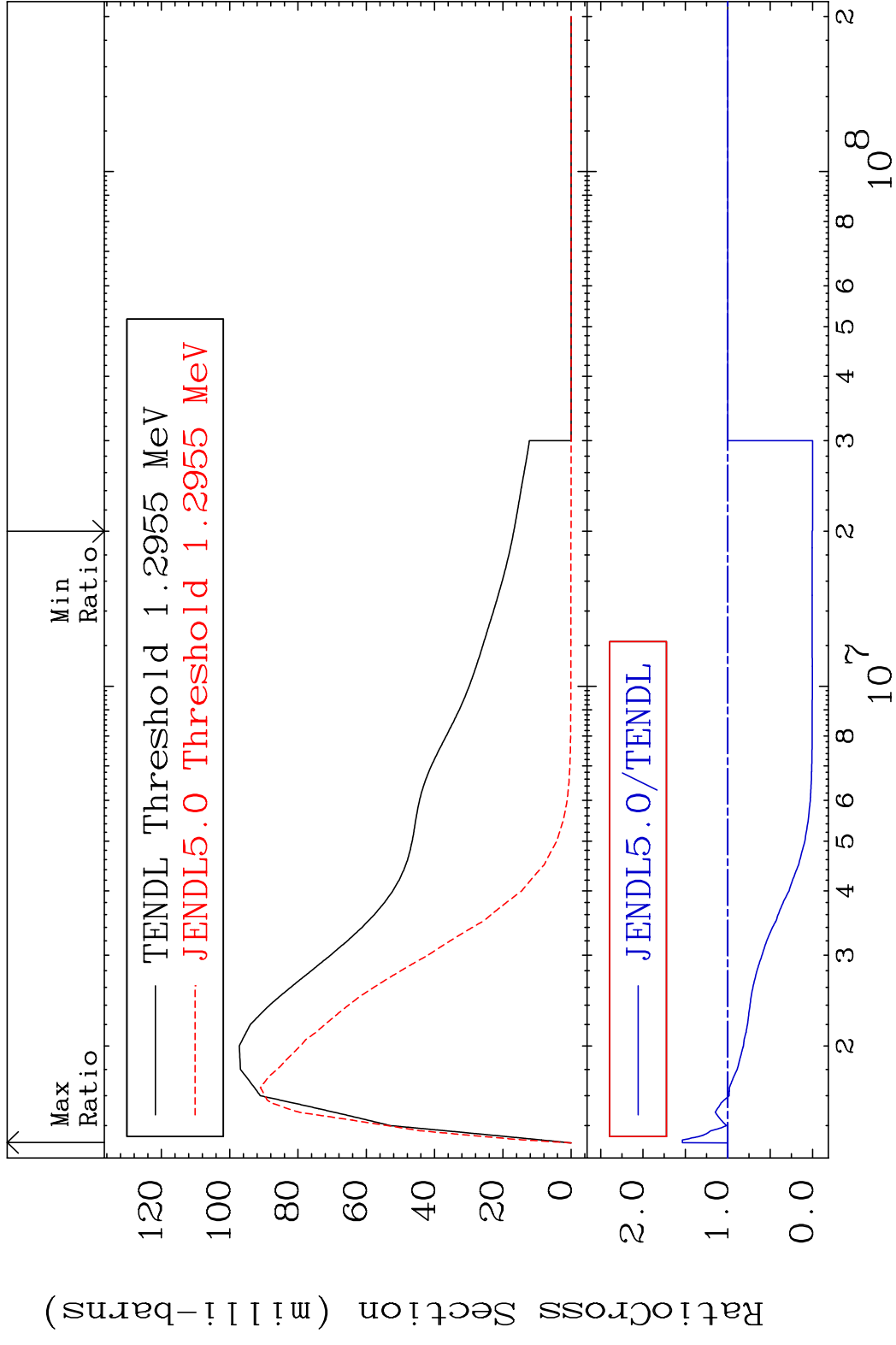
MAT 5028 MT= 58 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %



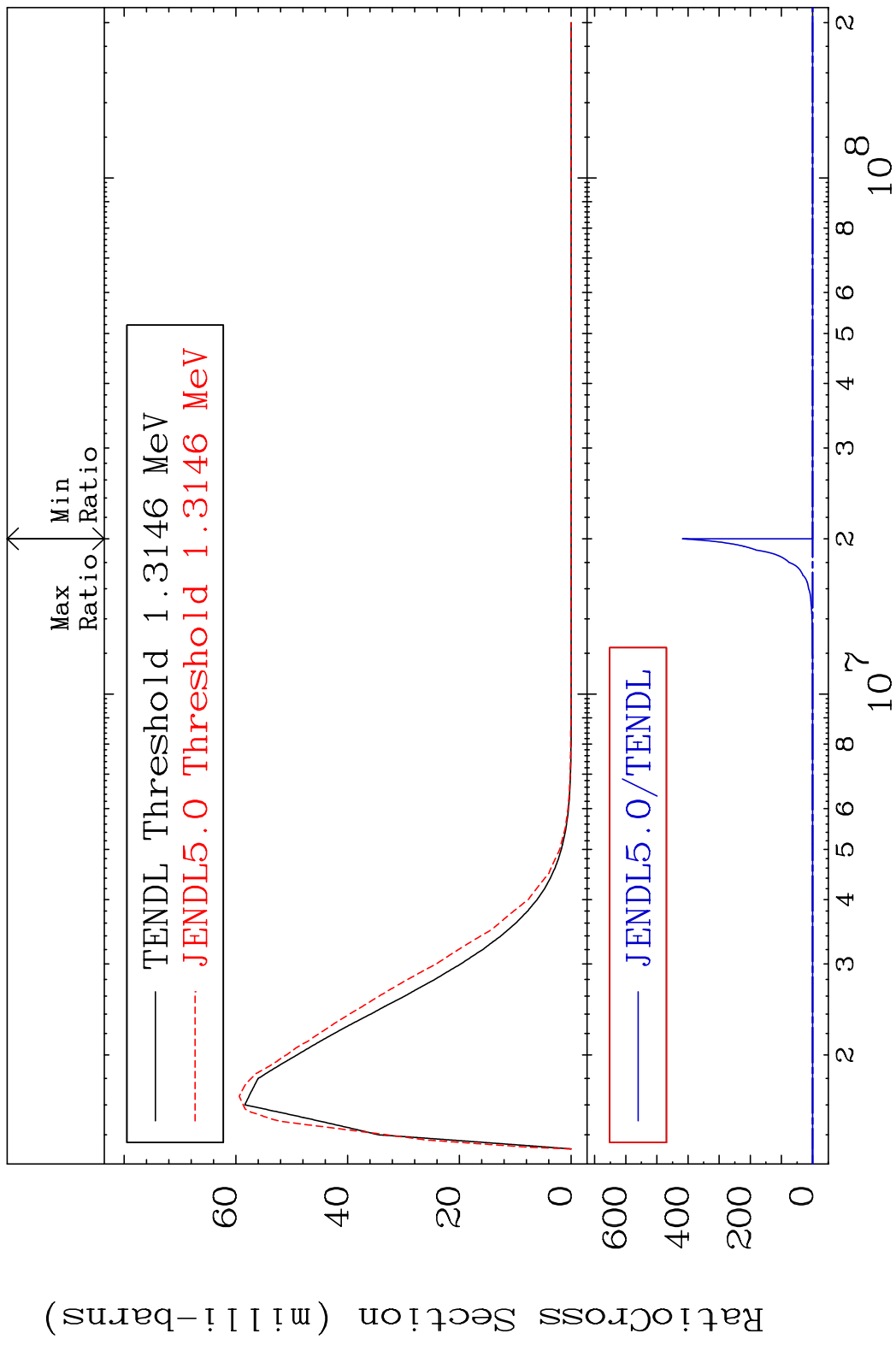
MAT 5028 MT= 59 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %



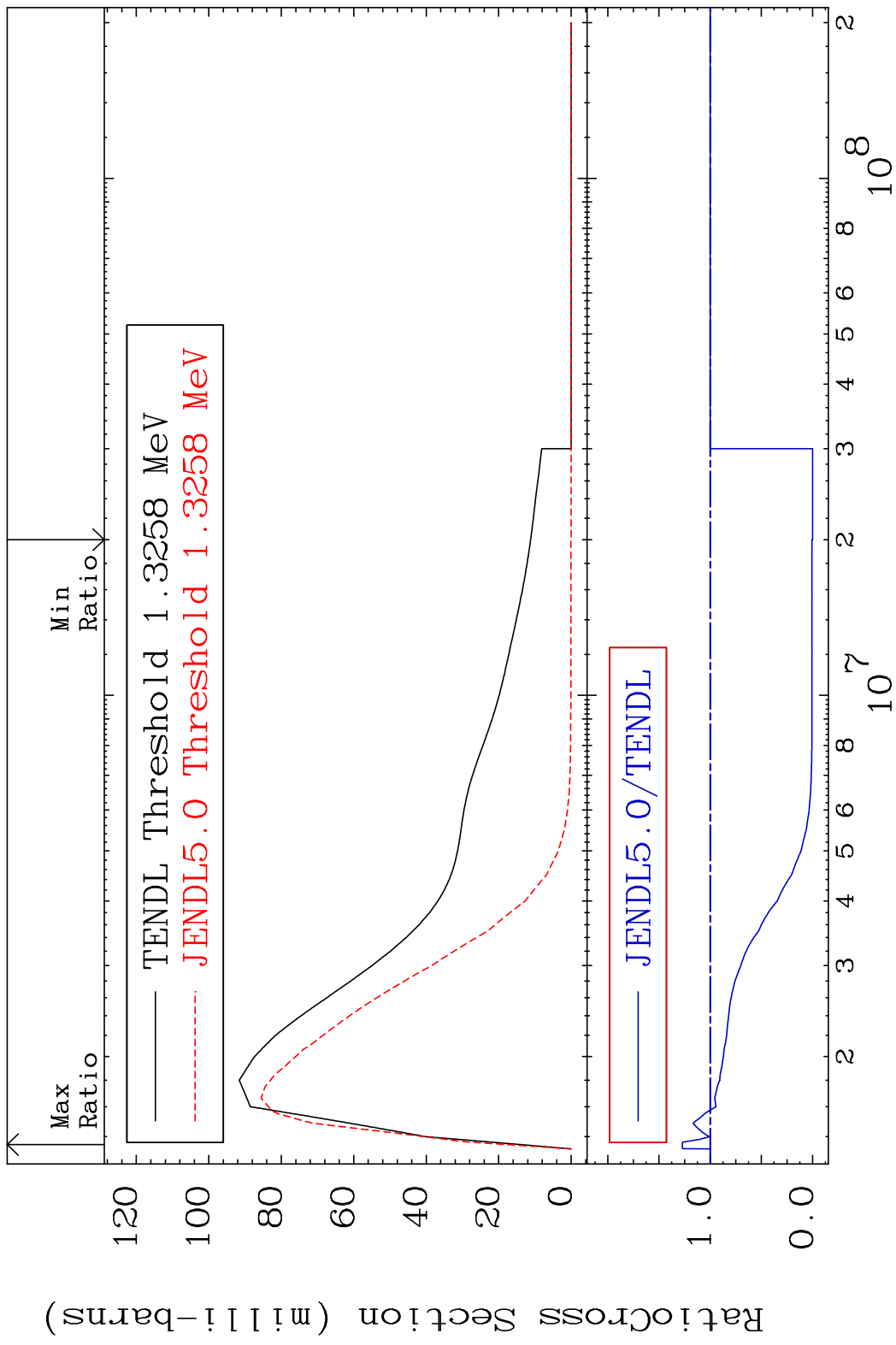
MAT 5028 MT= 60 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 53.61 %



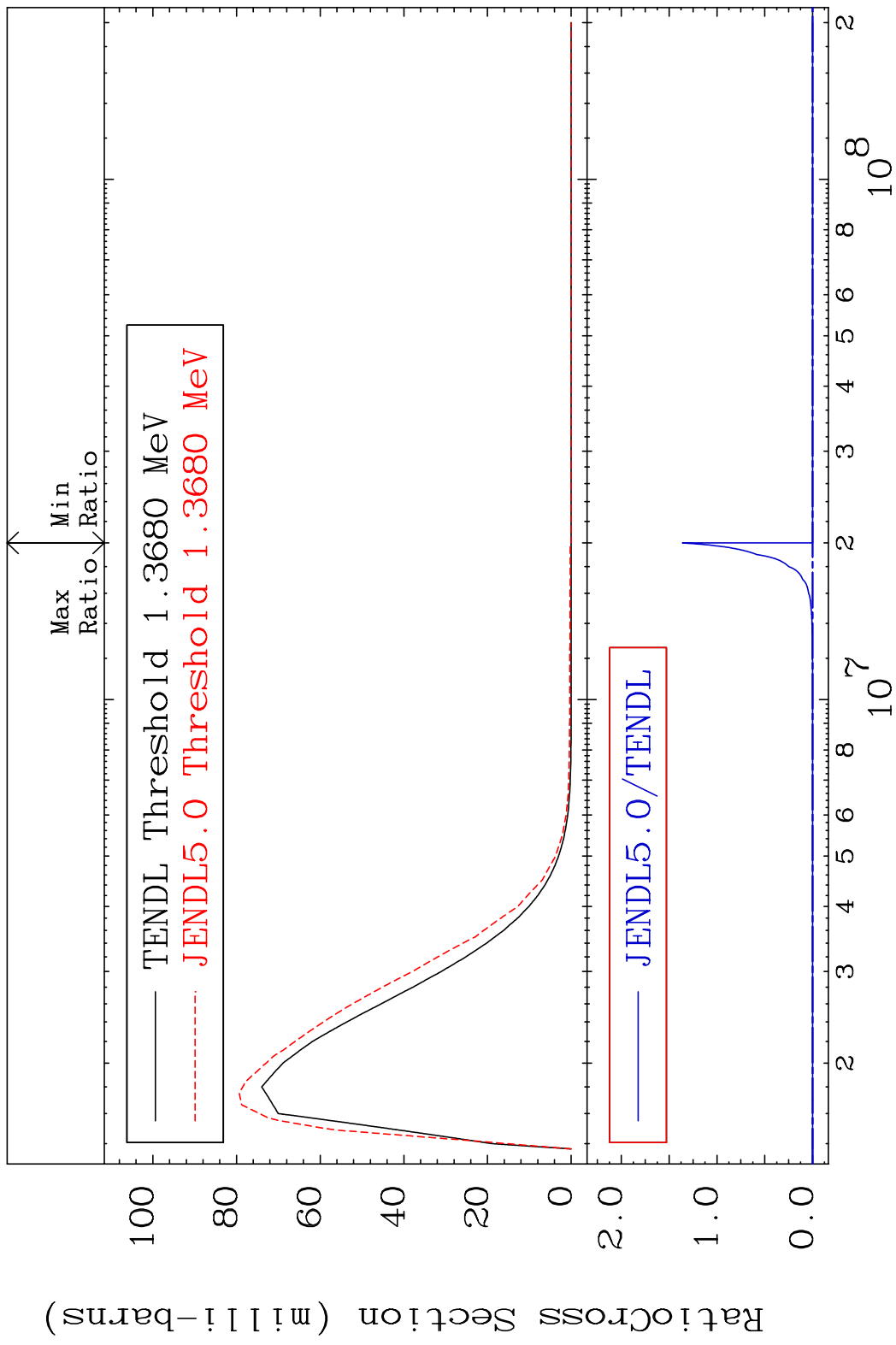
MAT 5028 MT= 61 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %



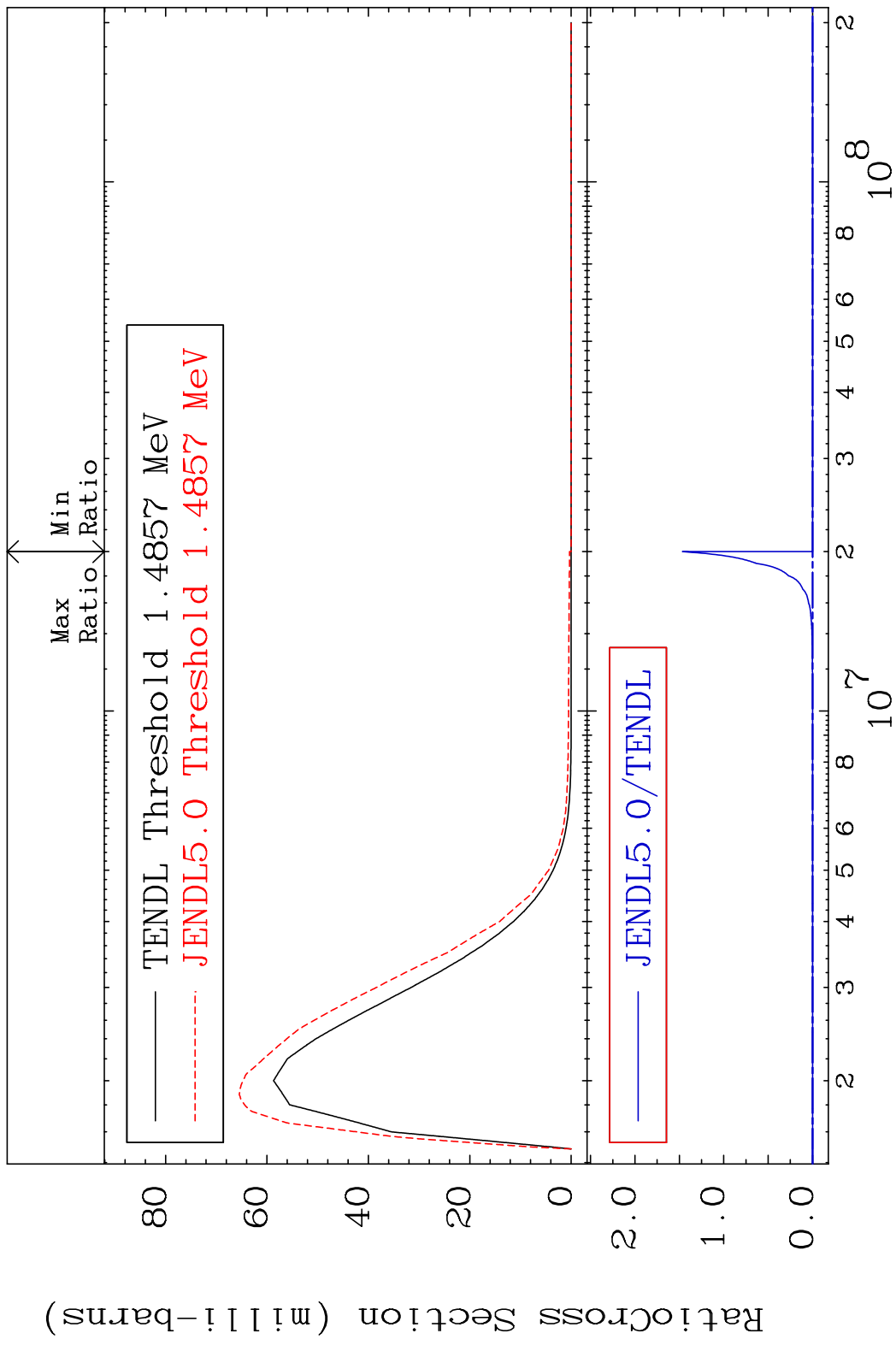
MAT 5028 MT= 62 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 27.16 %



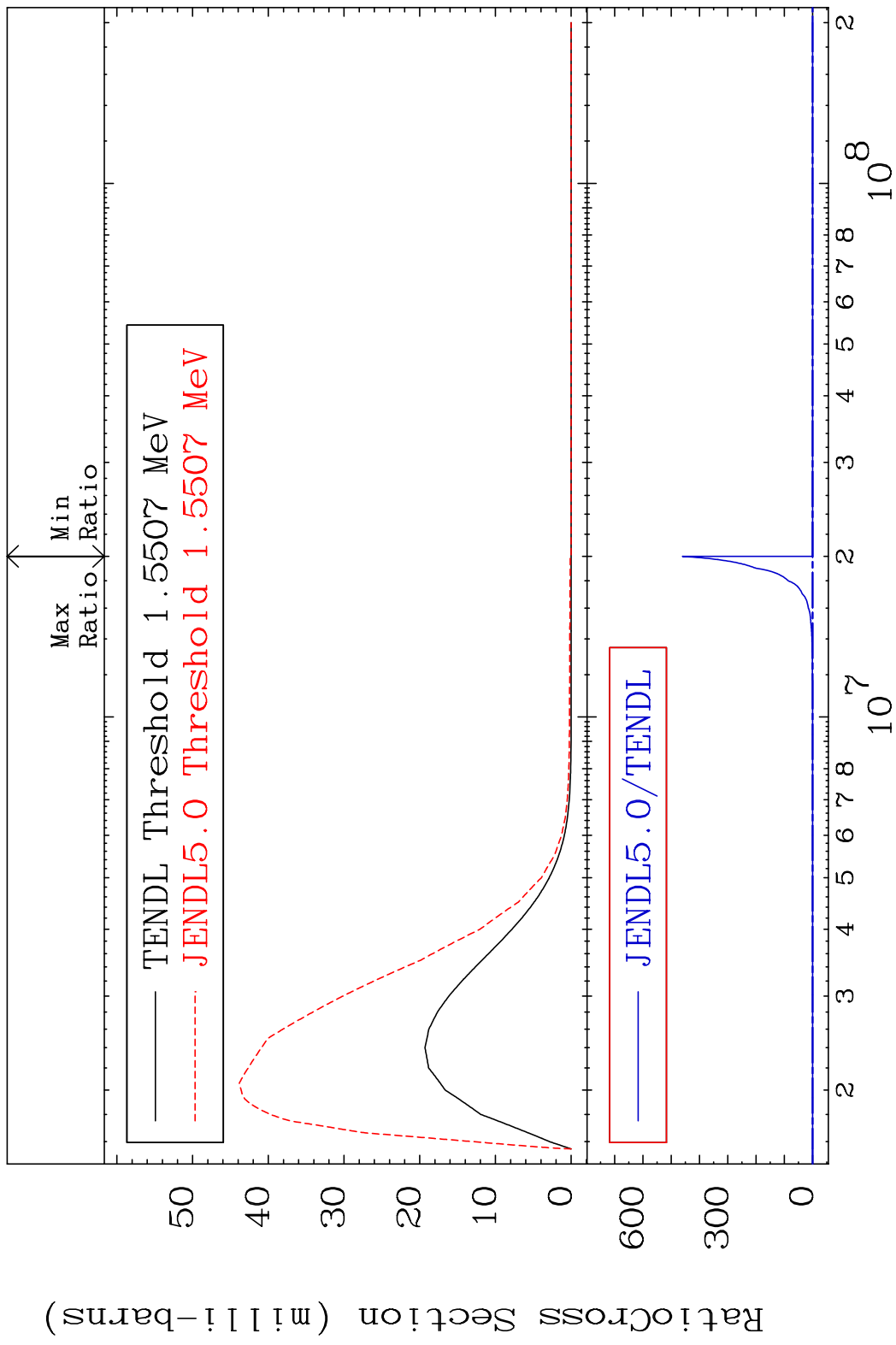
MAT 5028 MT= 63 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %



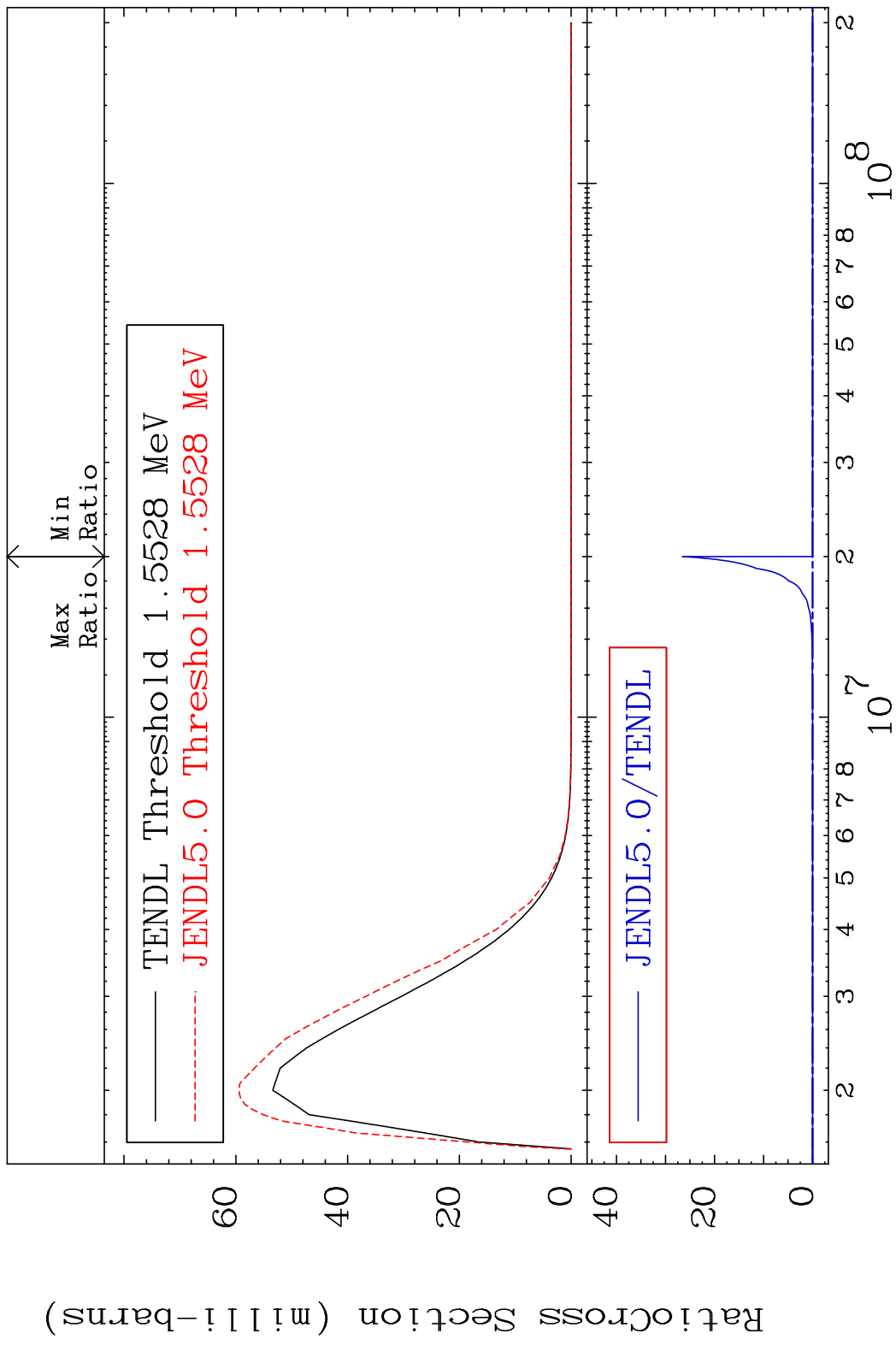
MAT 5028 MT= 64 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %



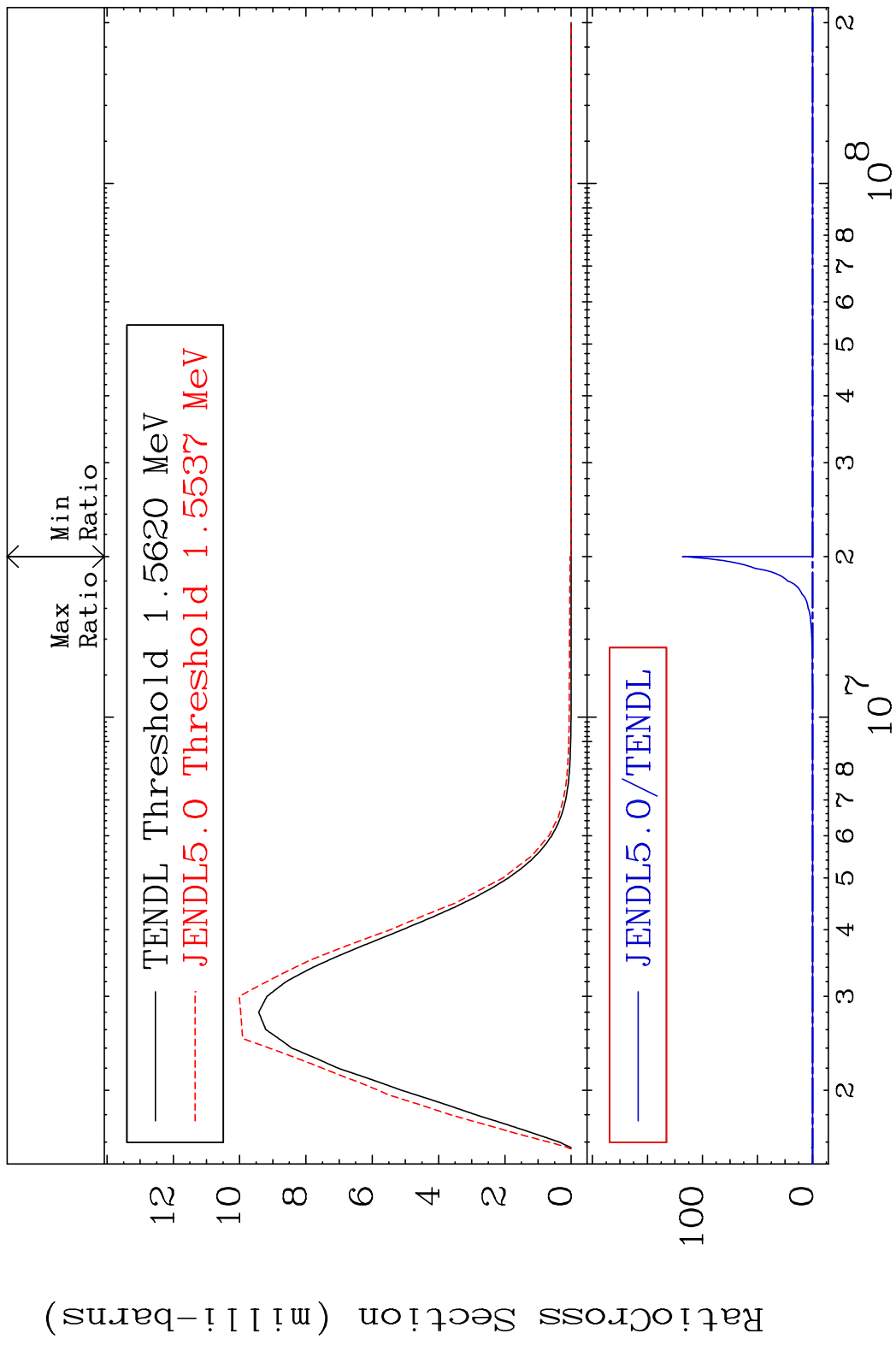
MAT 5028 MT= 65 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %



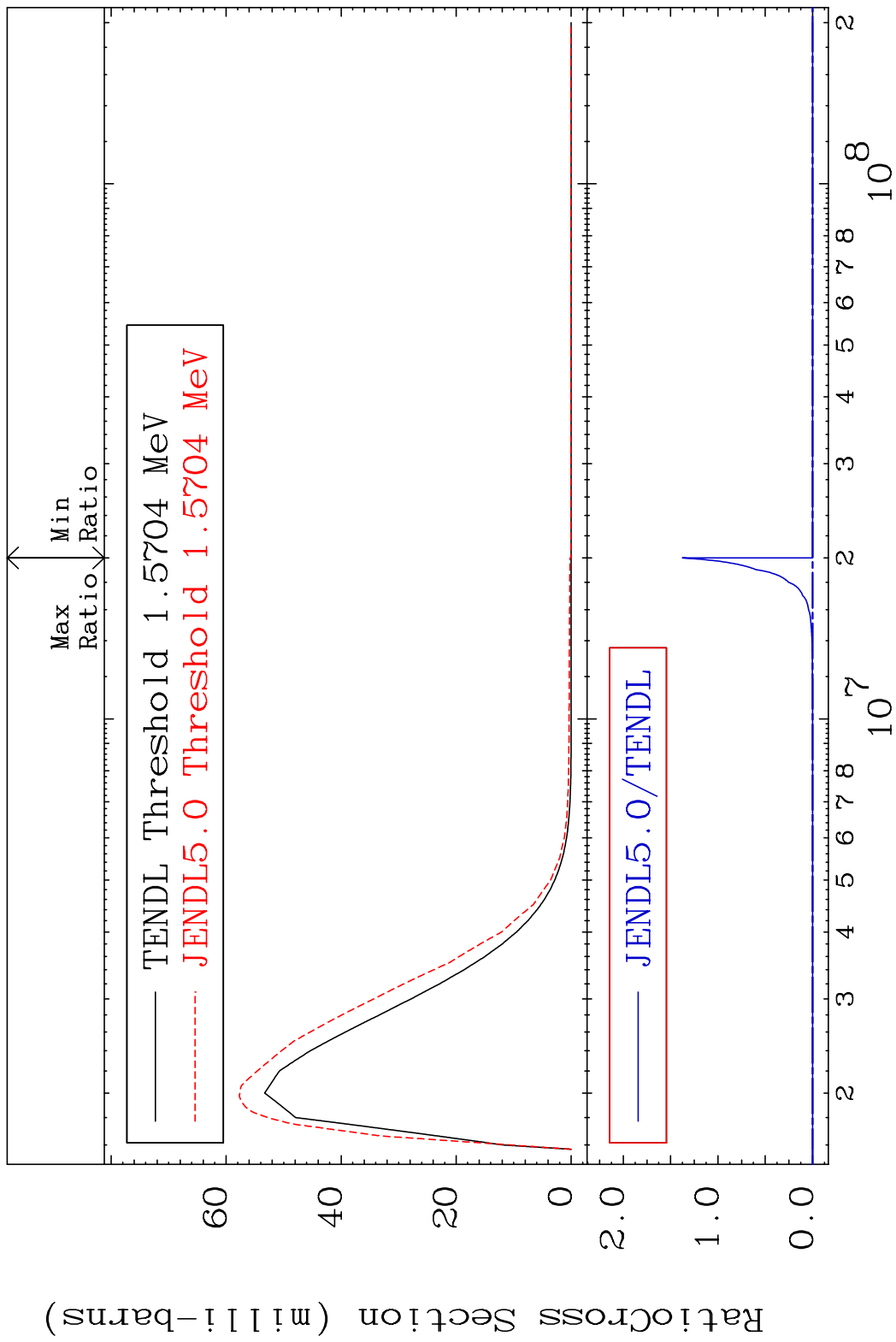
MAT 5028 MT= 66 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %



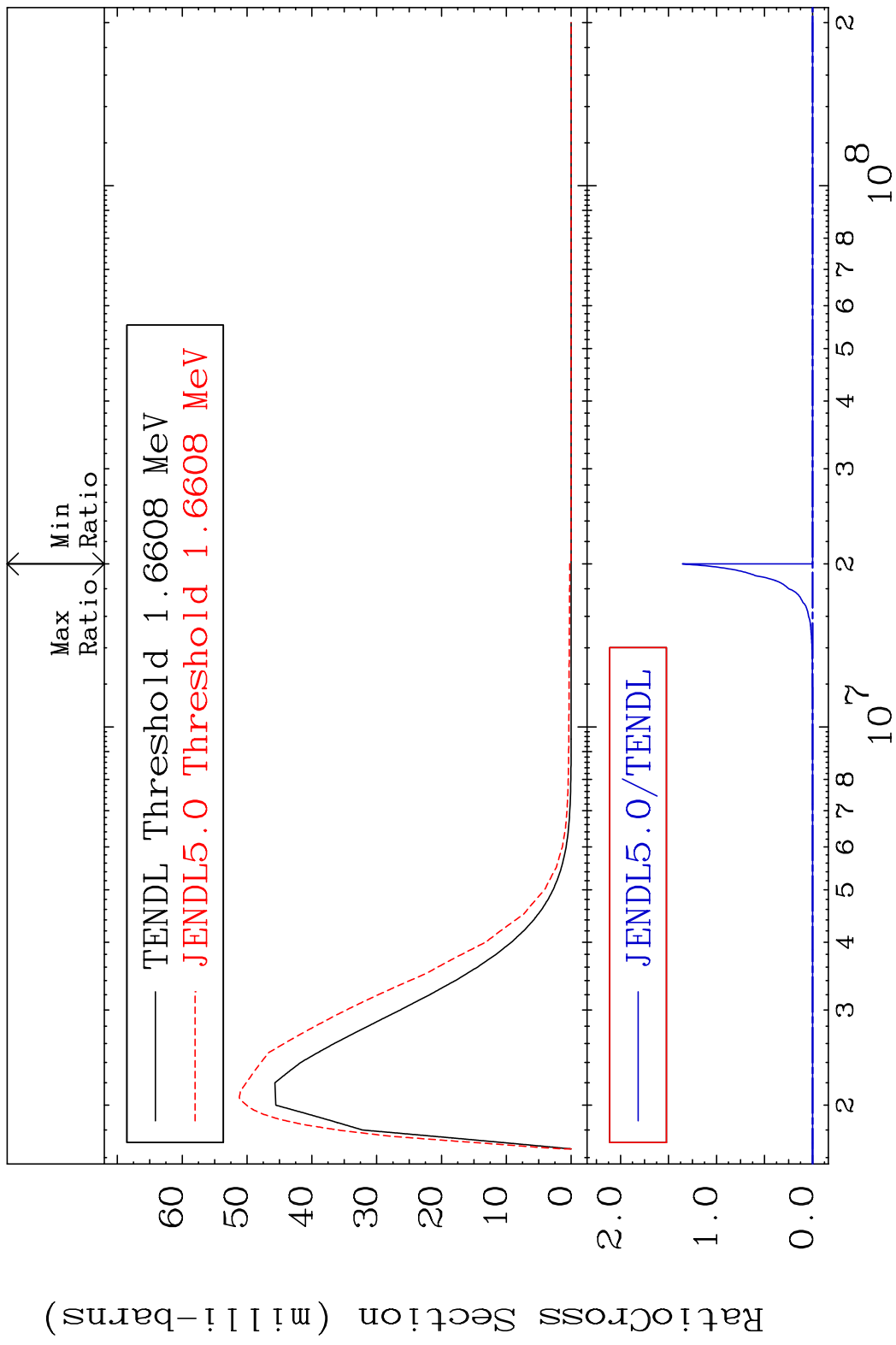
MAT 5028 MT= 67 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %



MAT 5028 MT= 68 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %

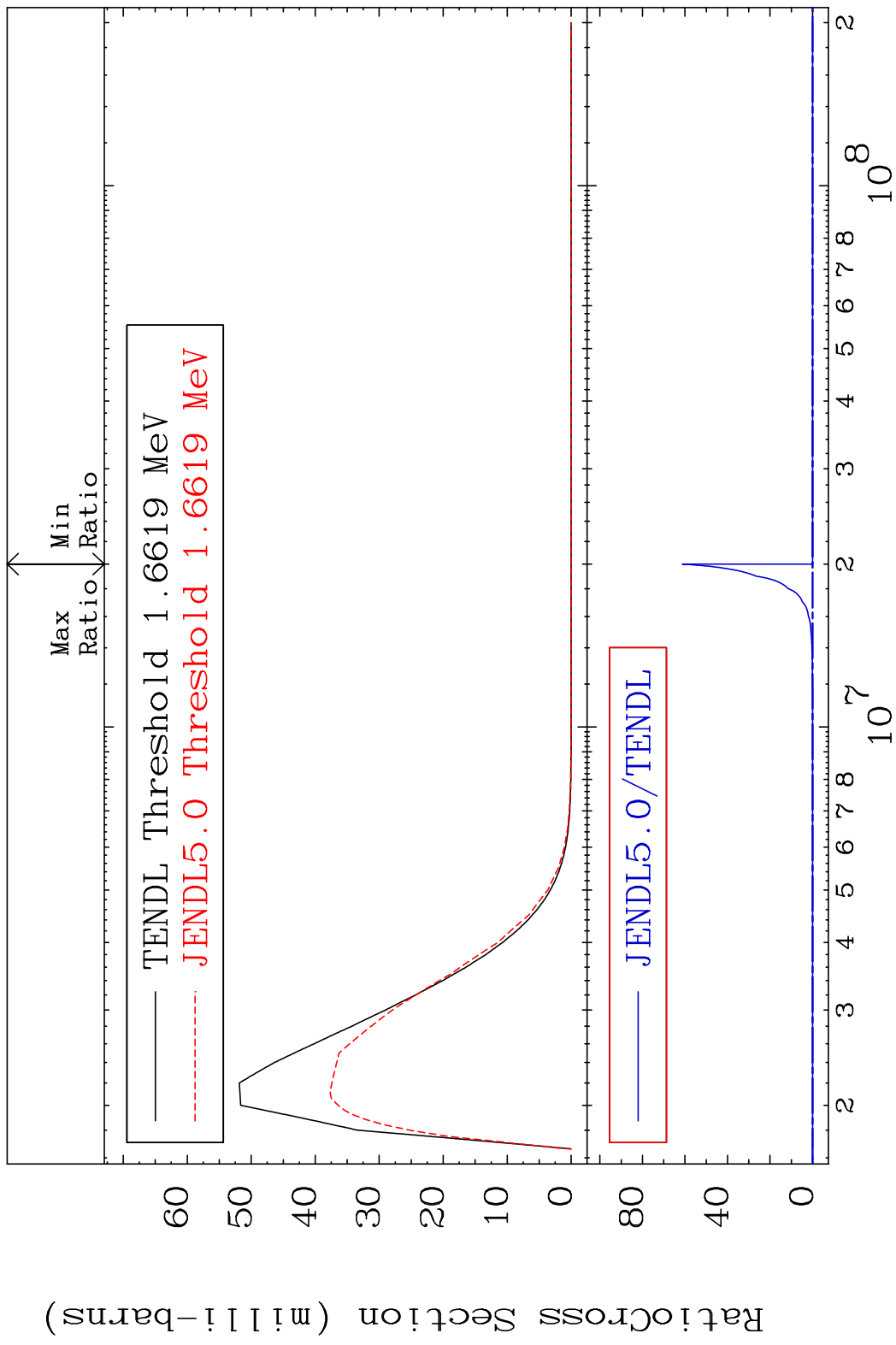


MAT 5028 MT= 69 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %

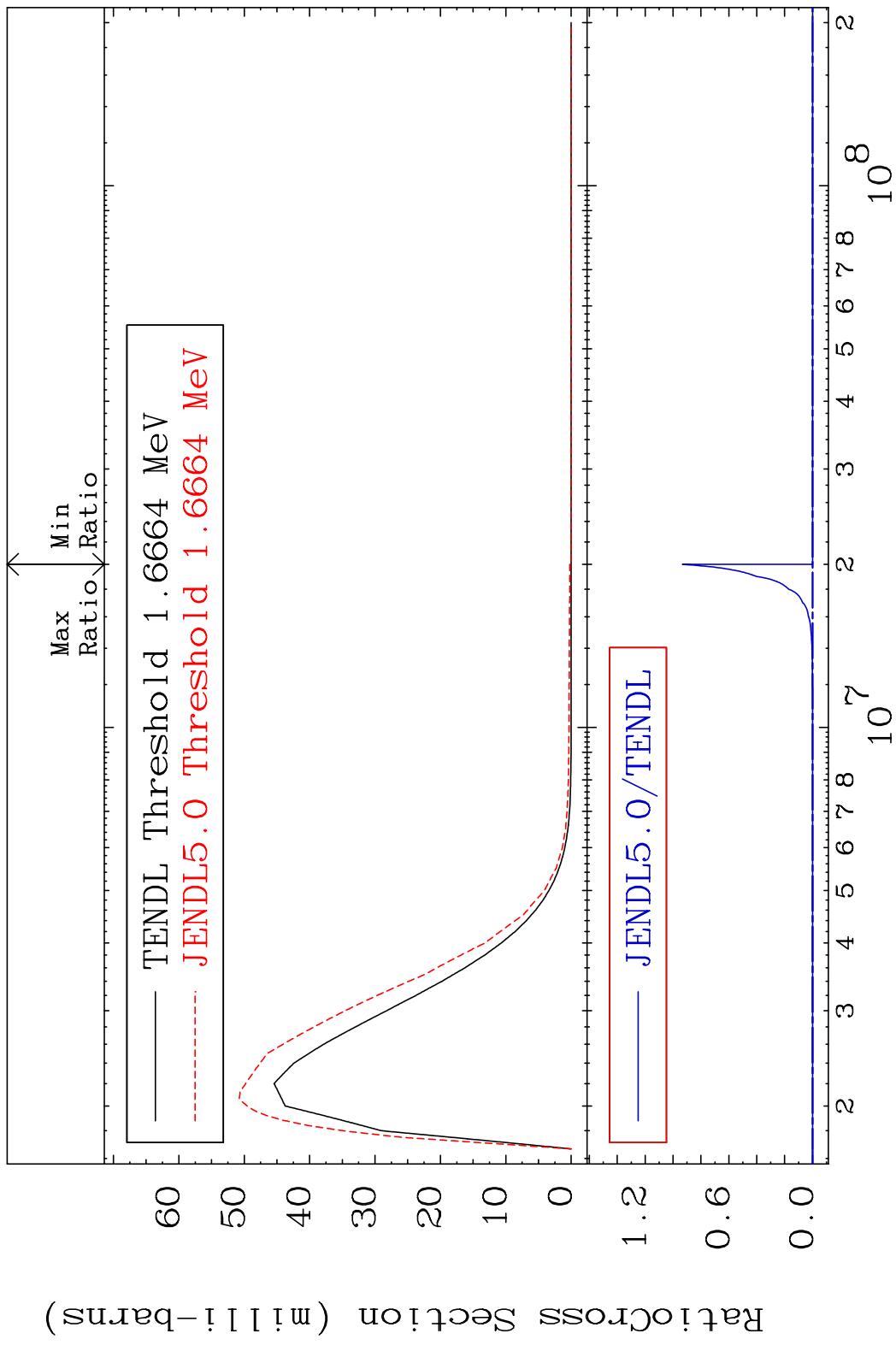


30 Incident Energy (eV) 50-Sn-113

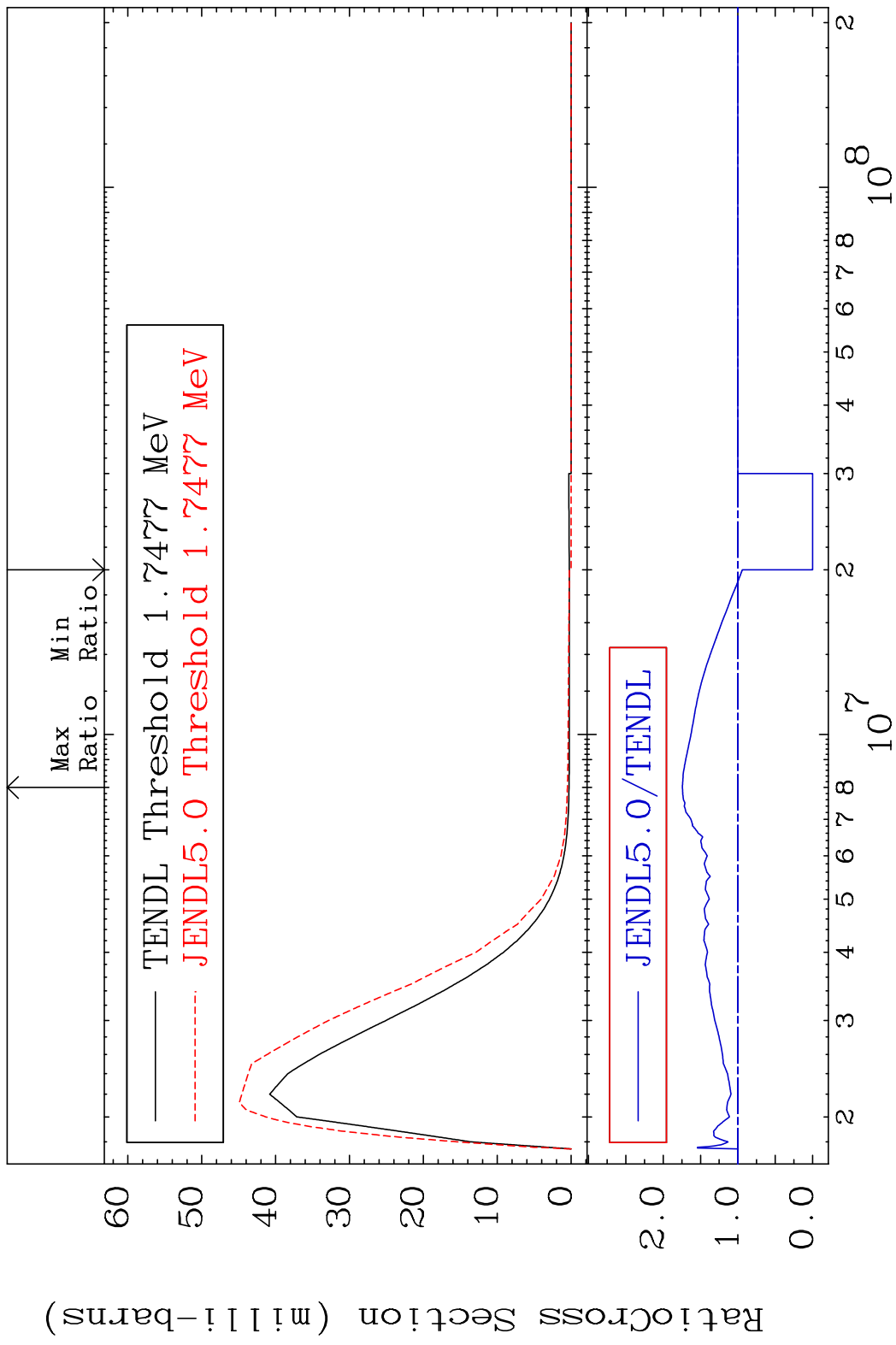
MAT 5028 MT= 70 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %



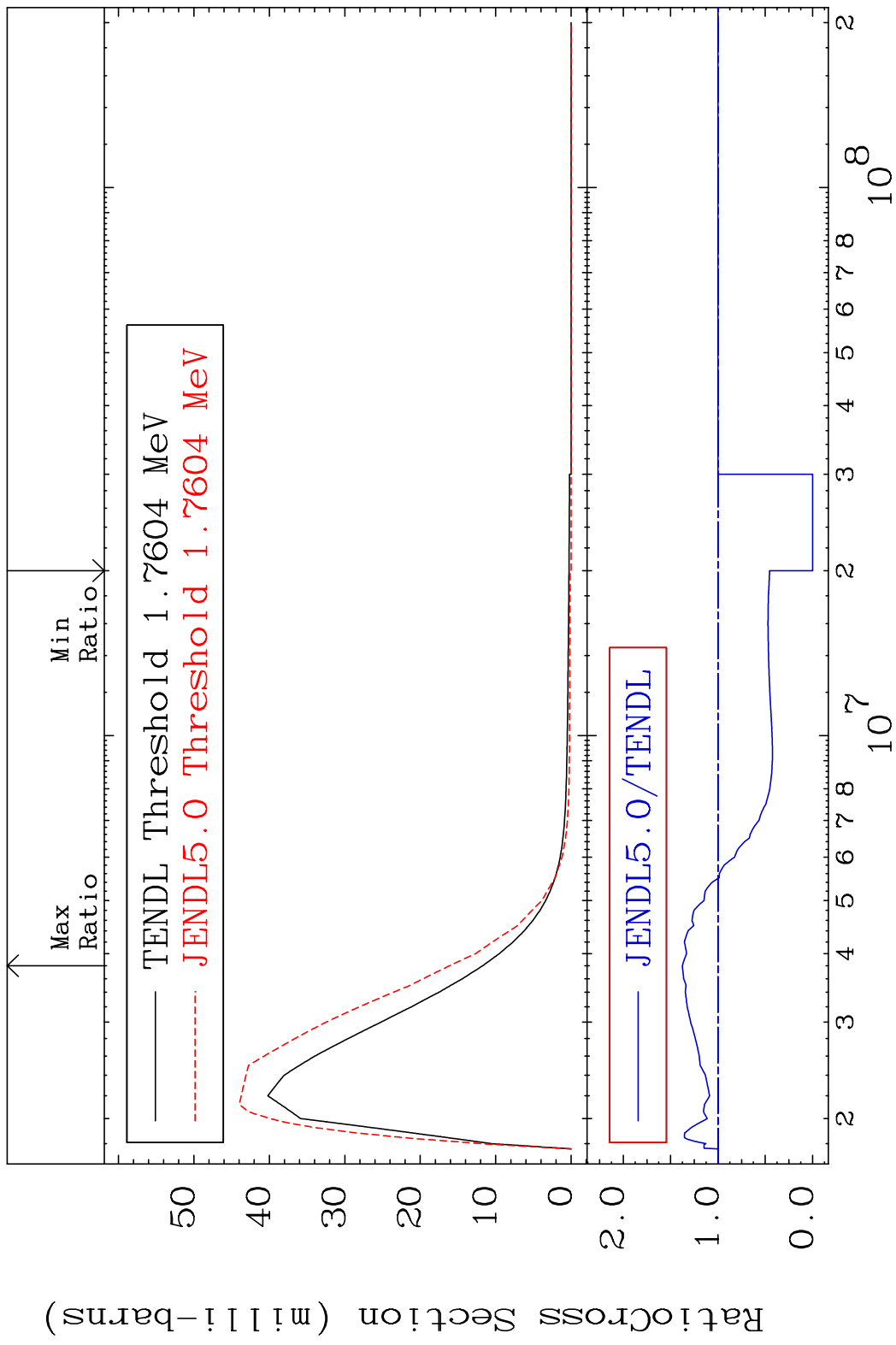
MAT 5028 MT= 71 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %



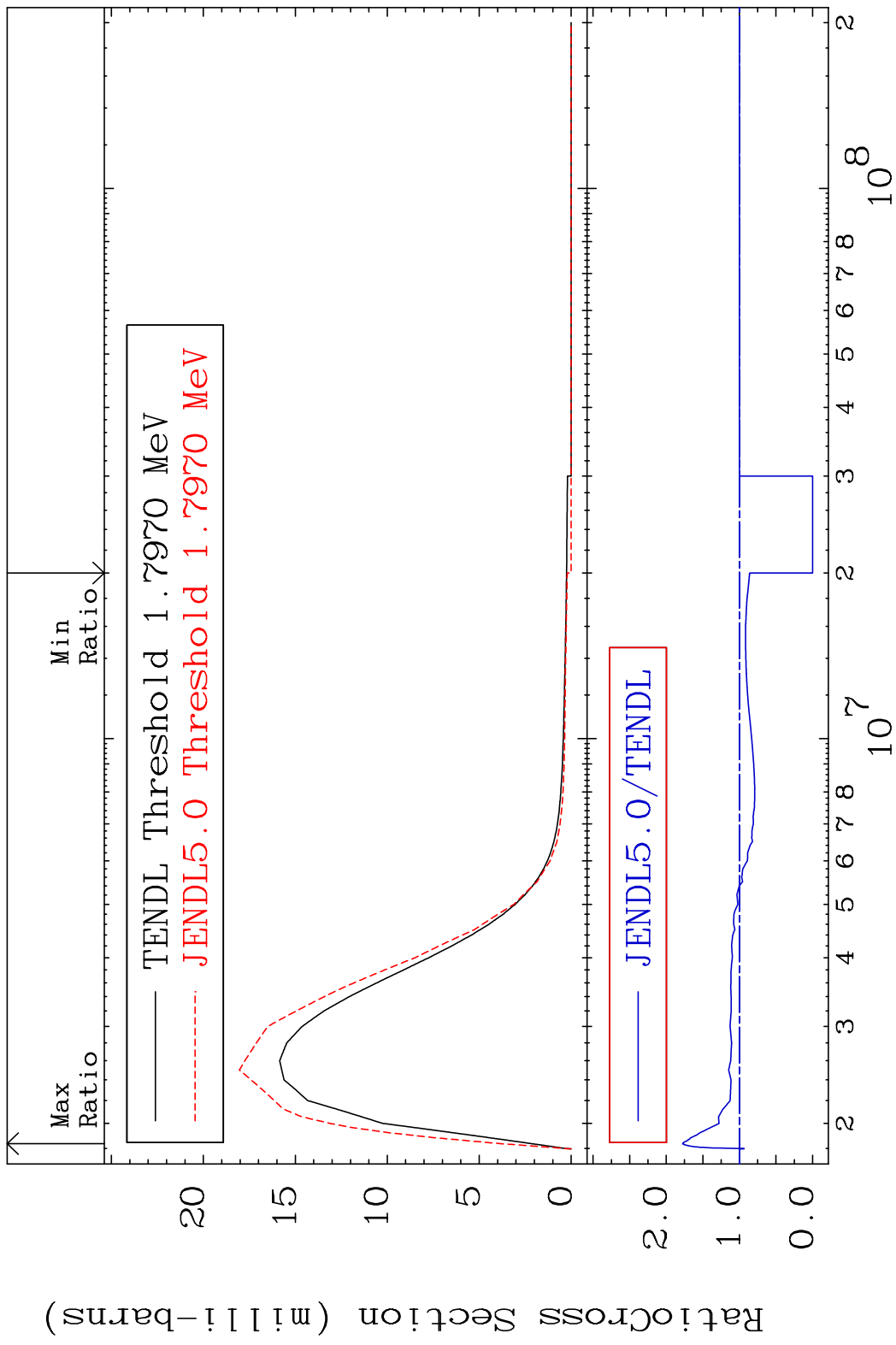
MAT 5028 MT= 72 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 74.36 %



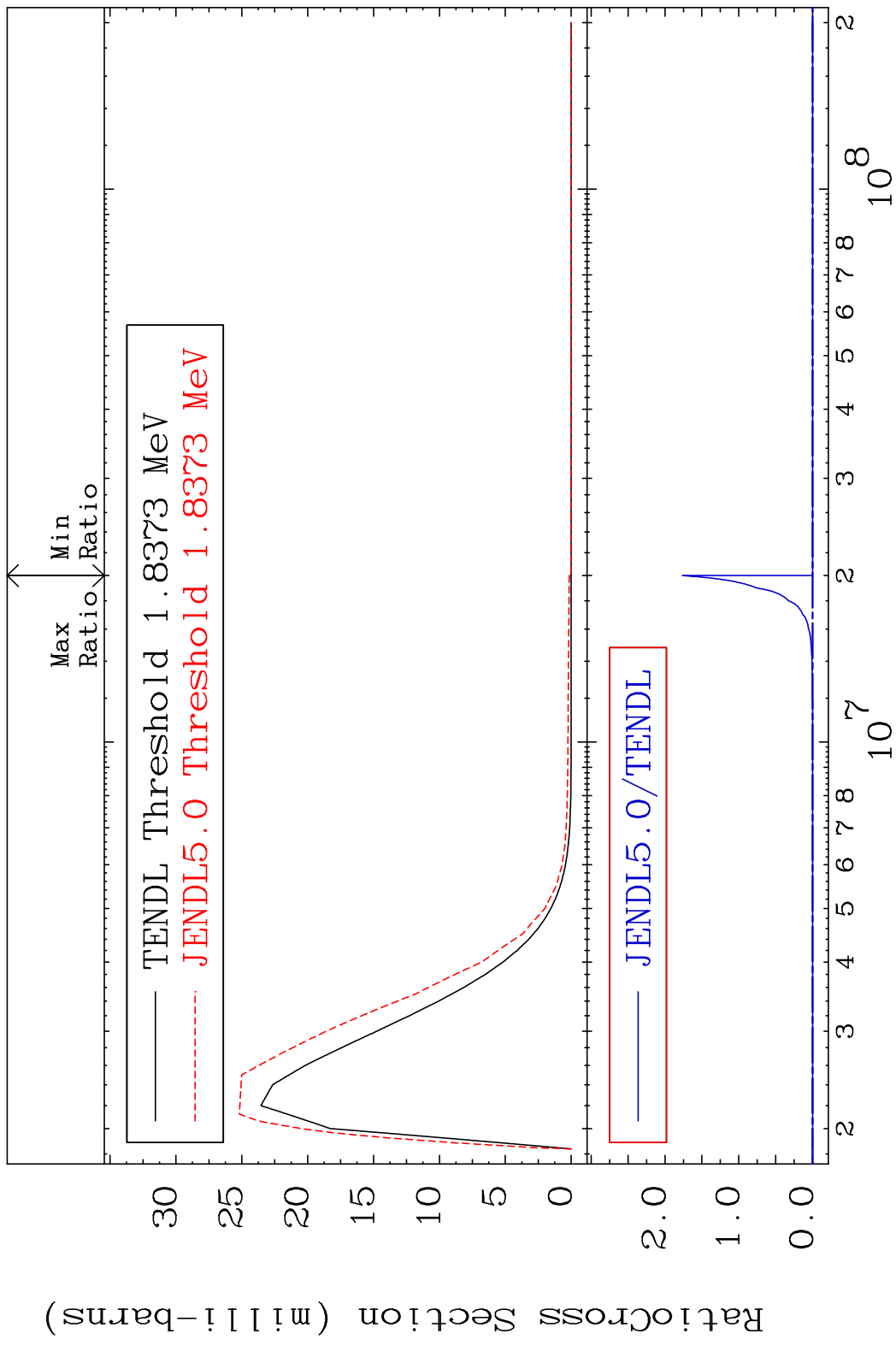
MAT 5028 MT= 73 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 37.58 %



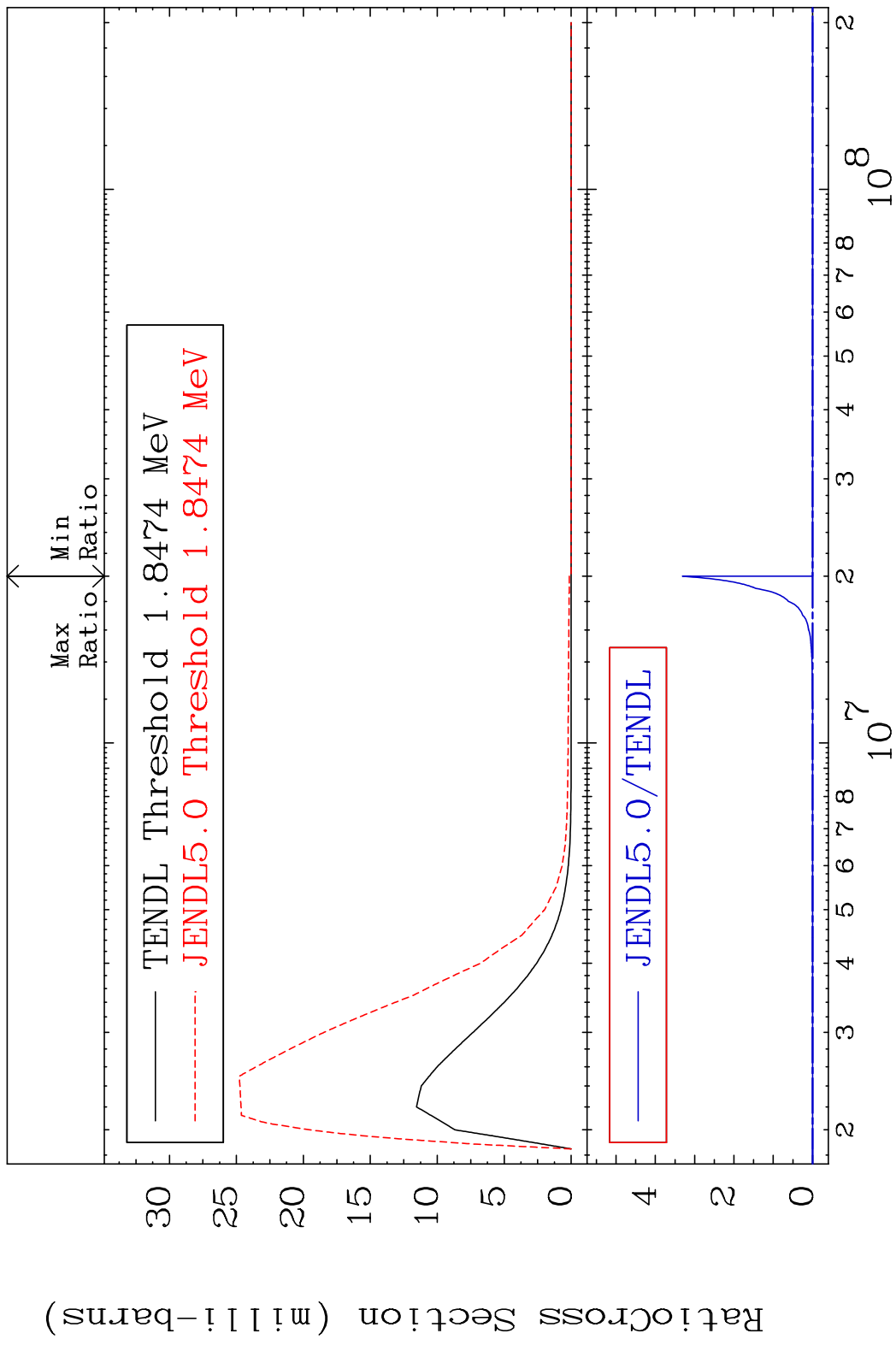
MAT 5028 MT= 74 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 77.97 %



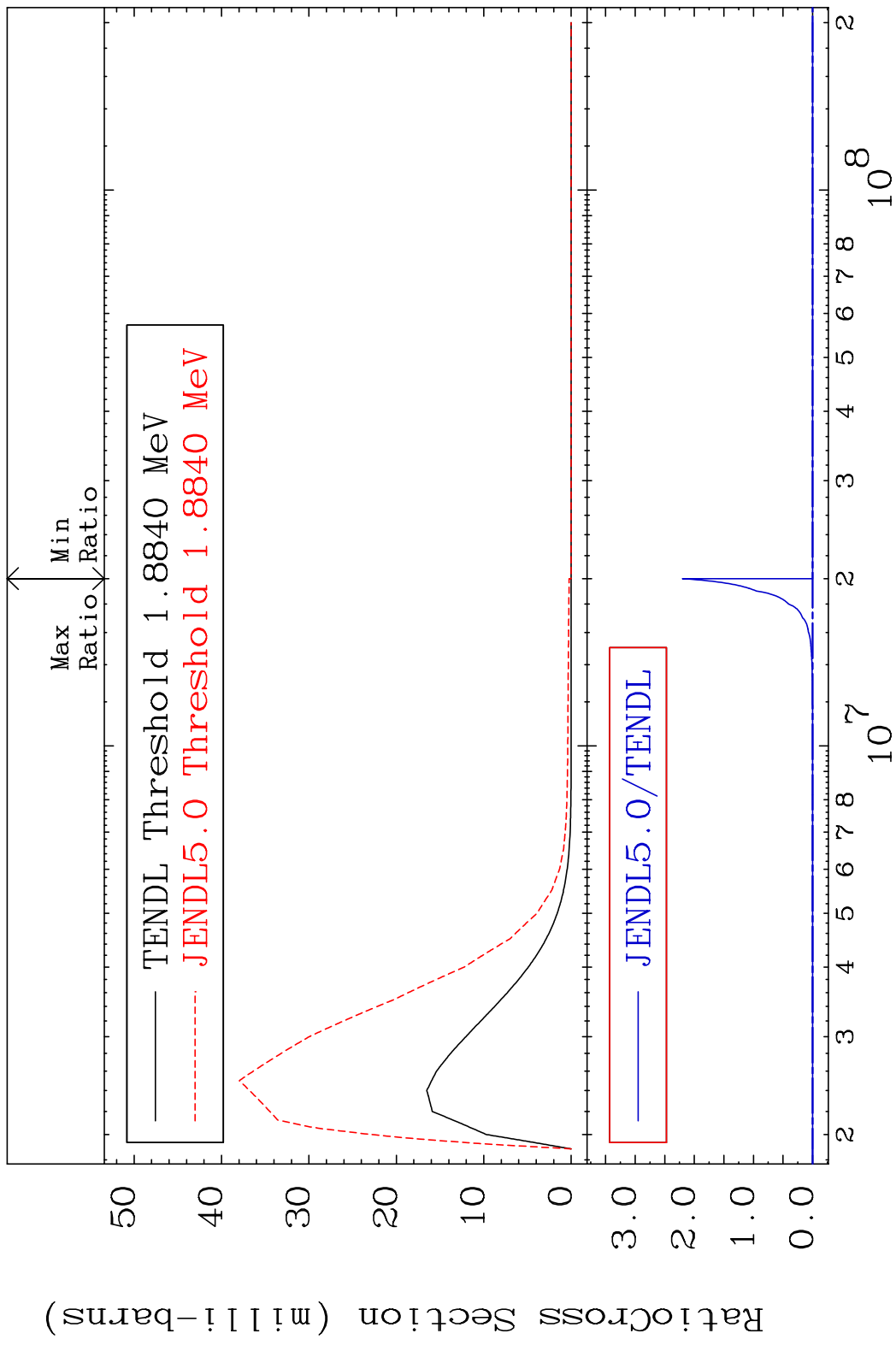
MAT 5028 MT= 75 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %



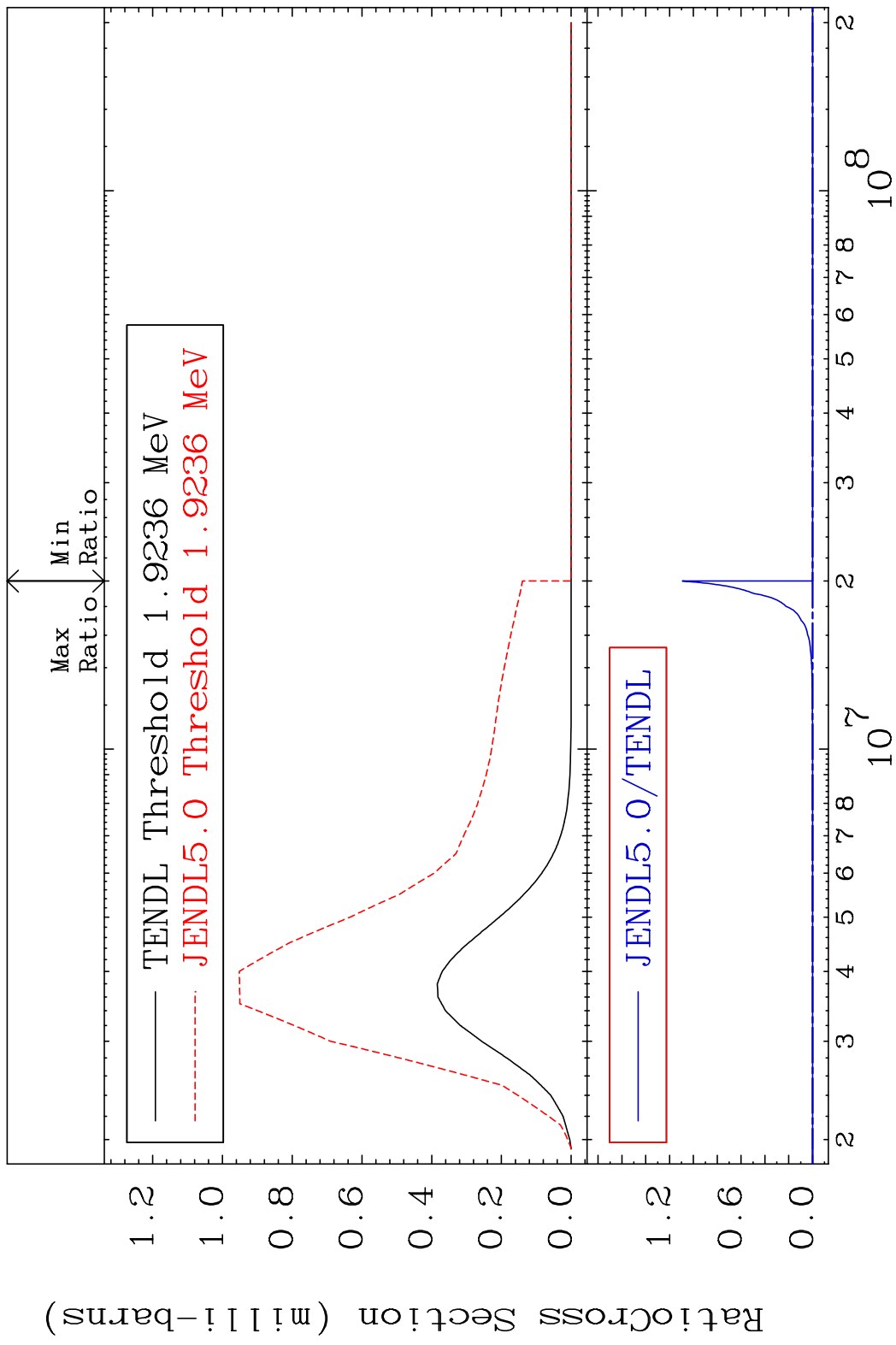
MAT 5028 MT= 76 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %



MAT 5028 MT= 77 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %

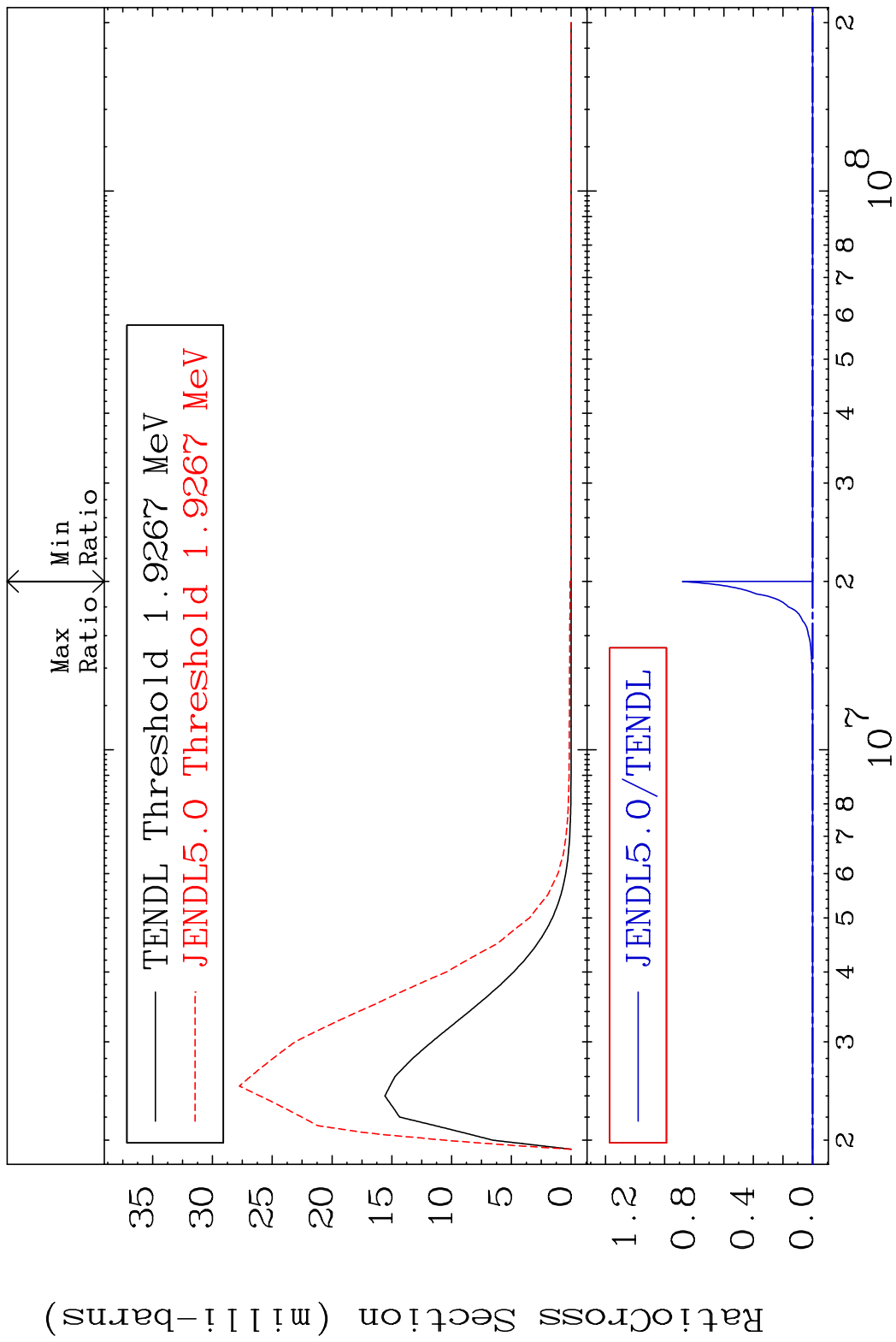


MAT 5028 MT= 78 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %



39 Incident Energy (eV) 50-Sn-113

MAT 5028 MT= 79 (n, n') Level 50-Sn-113
 Cross Section -100.0 To 9999. %



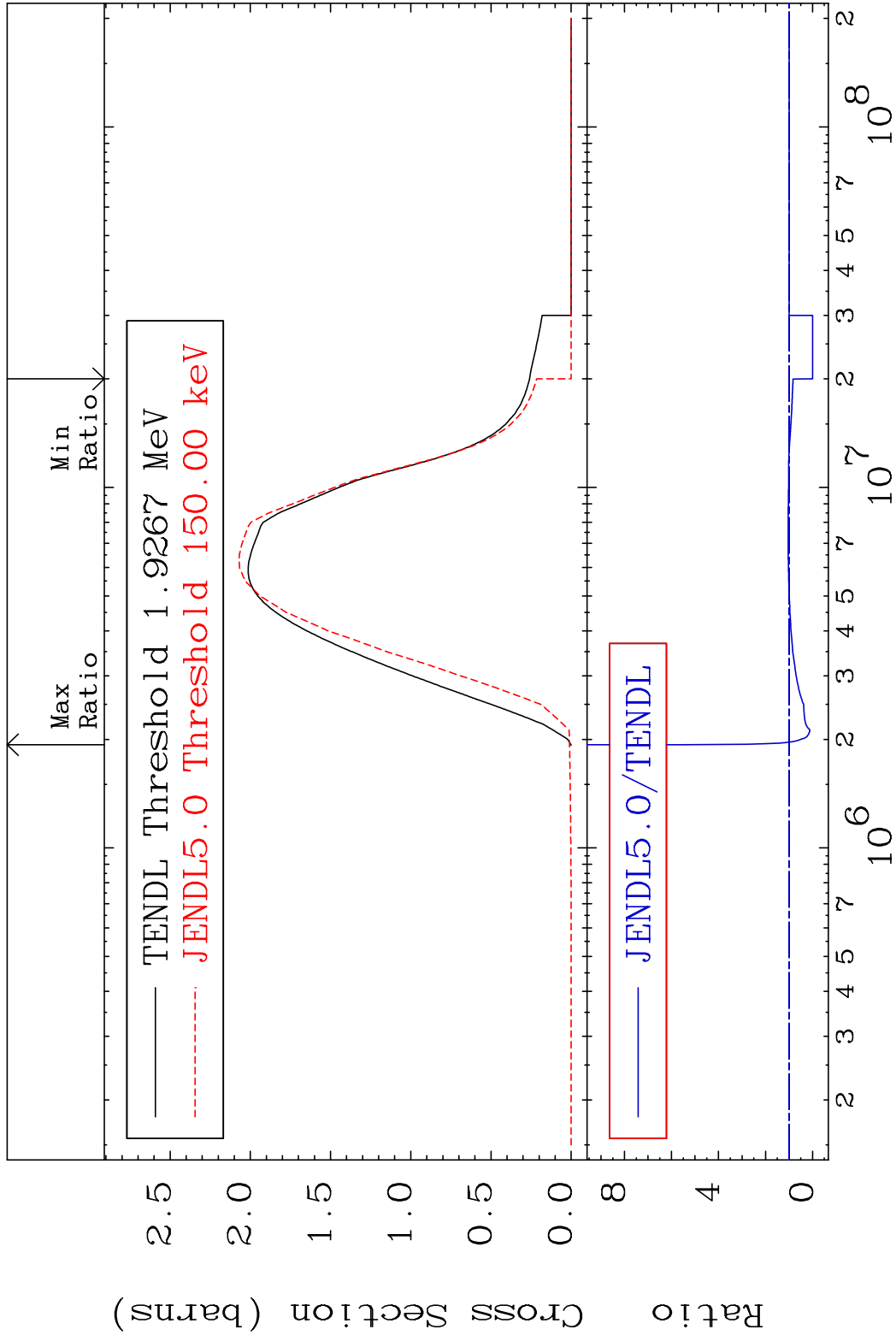
40 Incident Energy (eV) 50-Sn-113

MAT 5028

(n,n') Continuum

50-Sn-113

Cross Section -100.0 To 453.9 %



41

Incident Energy (eV)

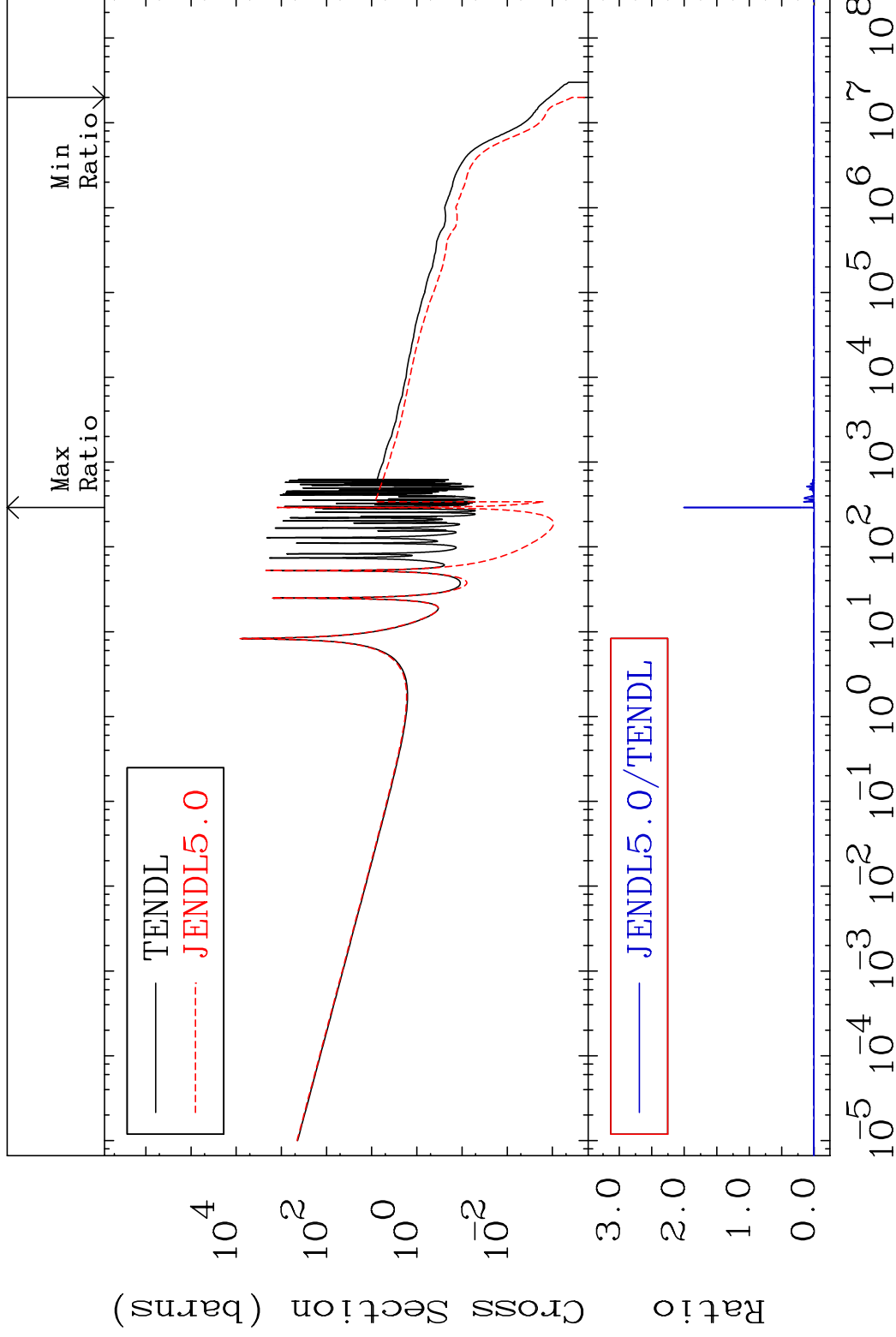
50-Sn-113

MAT 5028

(n, γ)

50-Sn-113

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

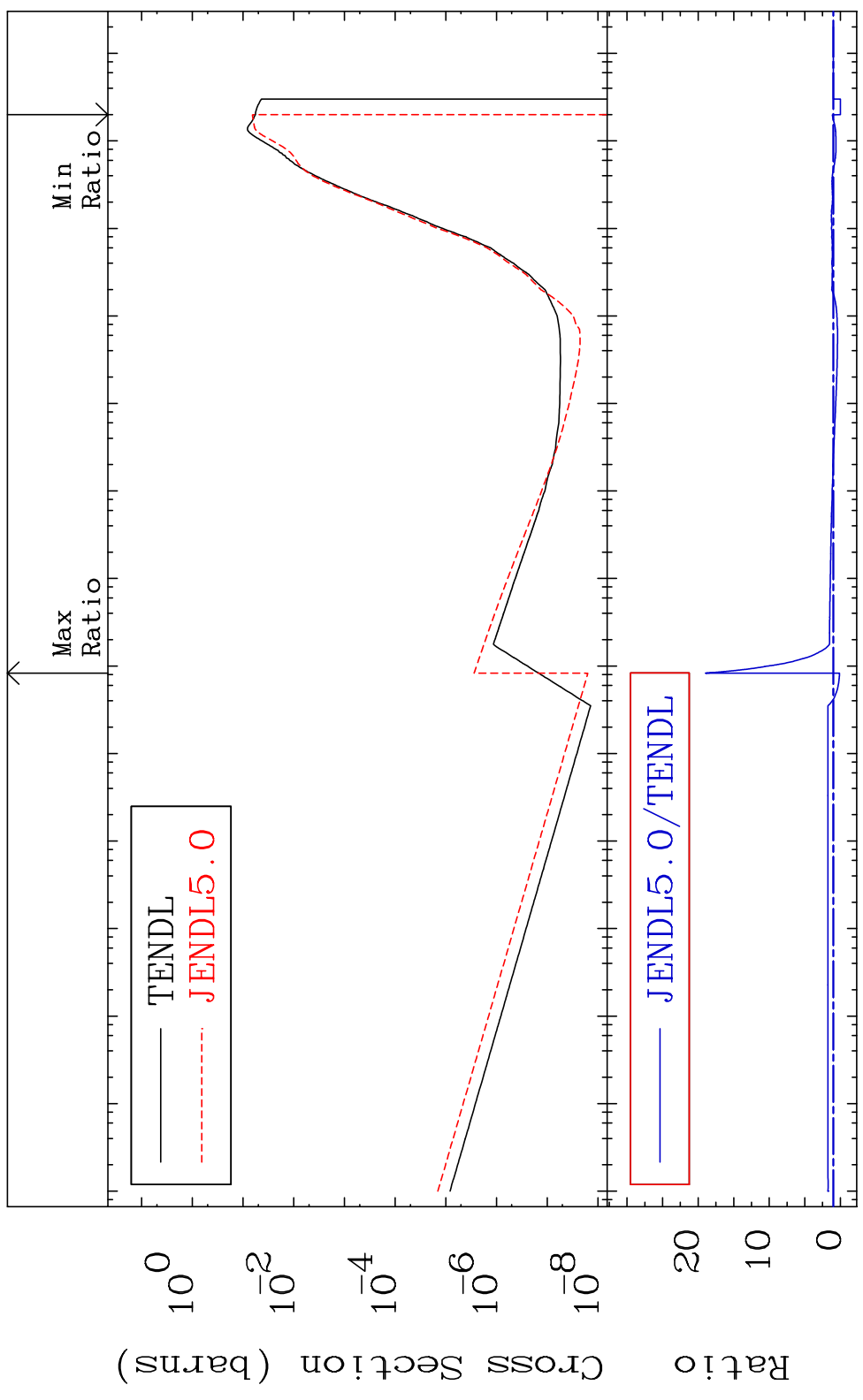
50-Sn-113

MAT 5028

(n,p)

50-Sn-113

Cross Section -100.0 To 1794. %

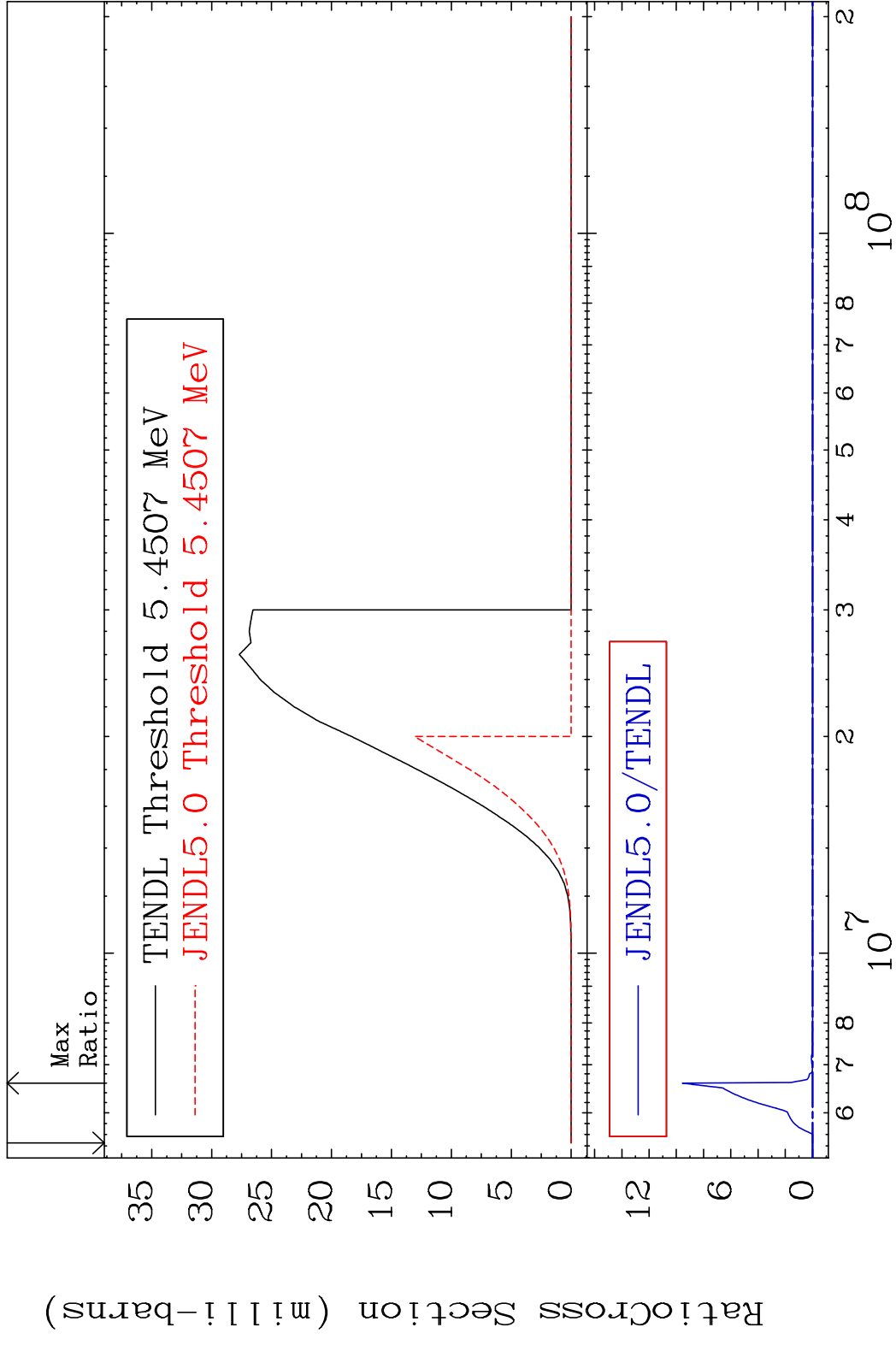


43

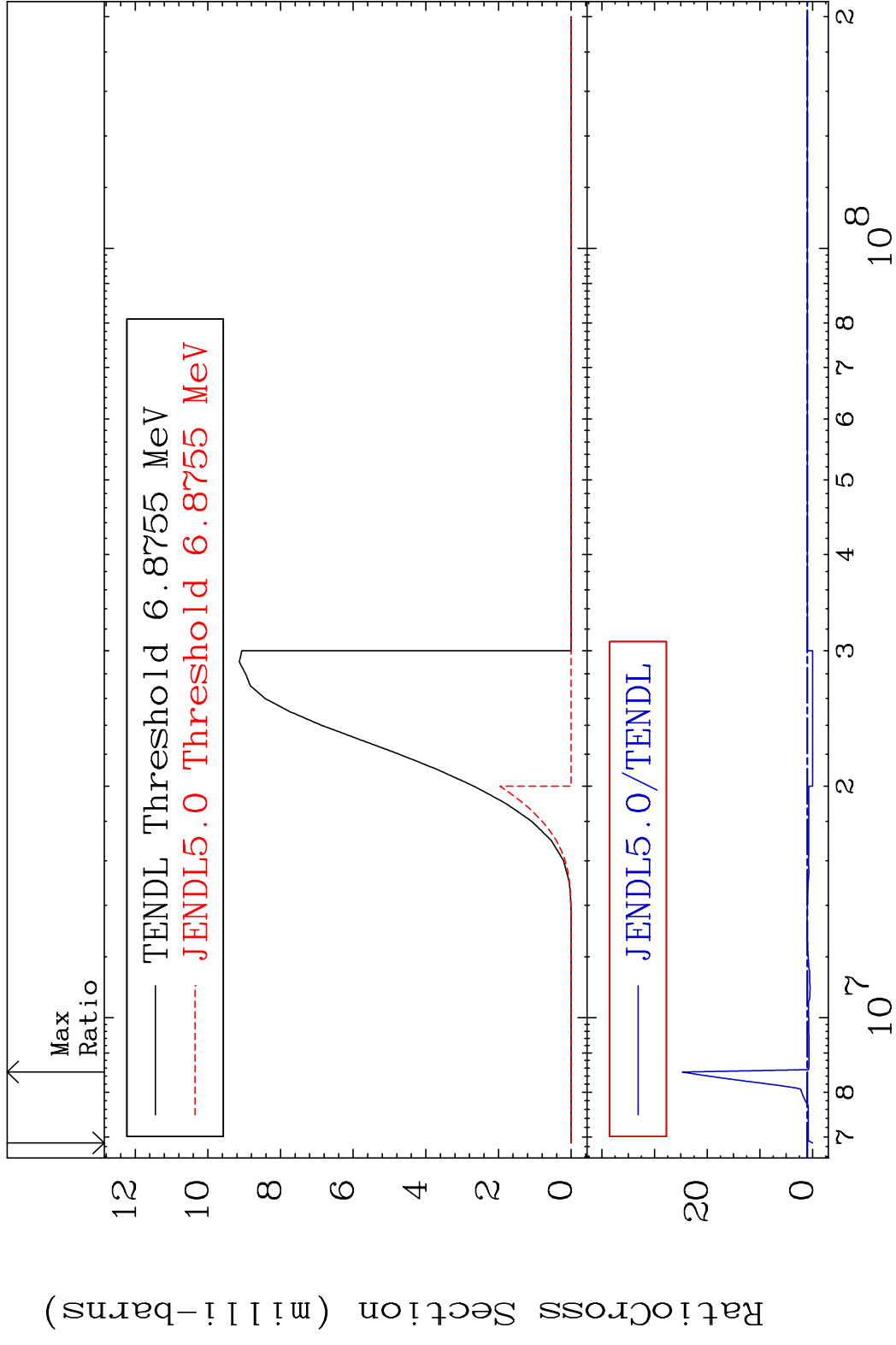
Incident Energy (eV)

50-Sn-113

MAT 5028 (n,d) 50-Sn-113
 Cross Section -100.0 To 9999. %



MAT 5028 (n, t) 50-Sn-113
 Cross Section -100.0 To 2372. %



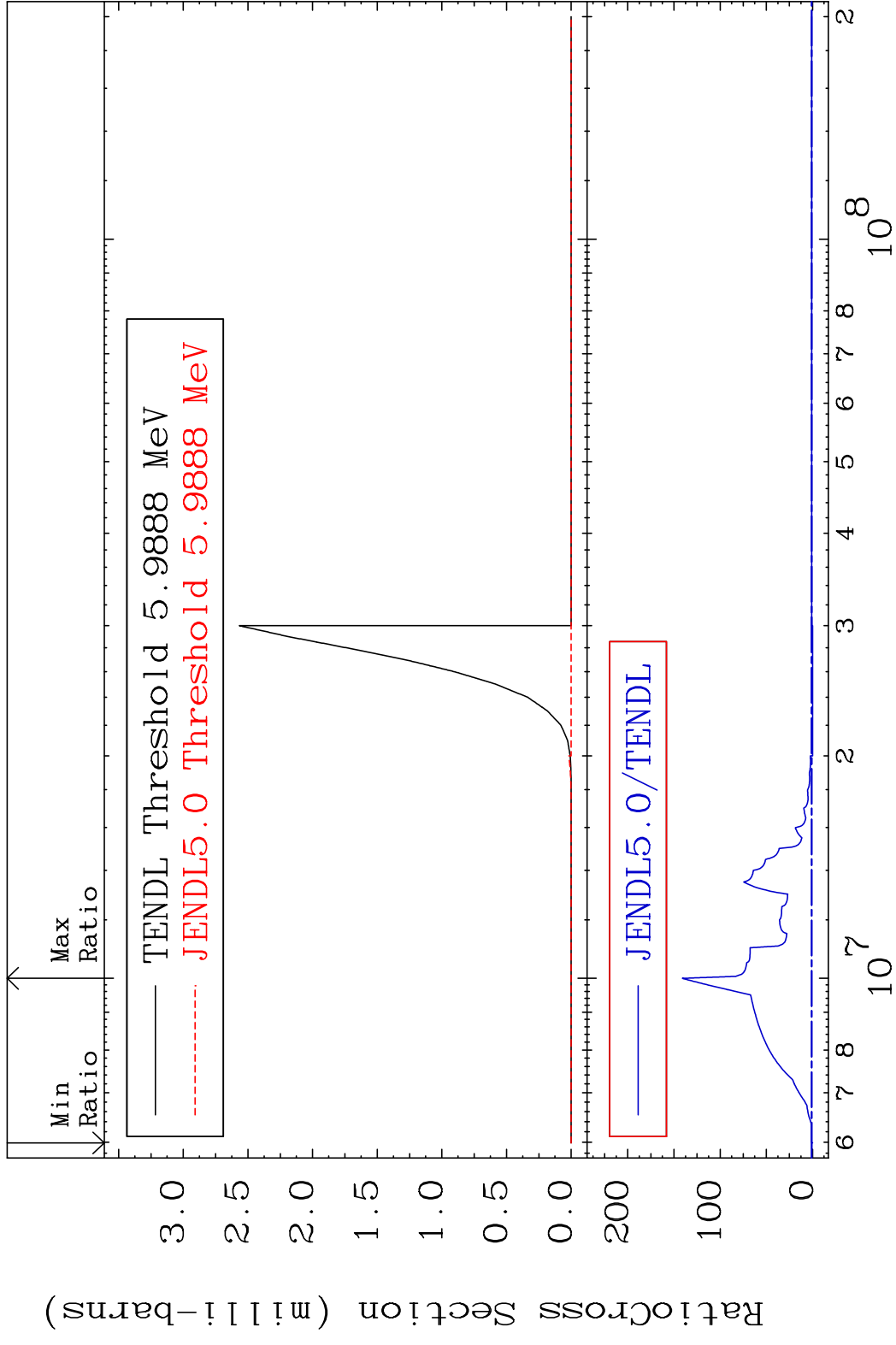
45 Incident Energy (eV) 50-Sn-113

MAT 5028

(n, He-3)

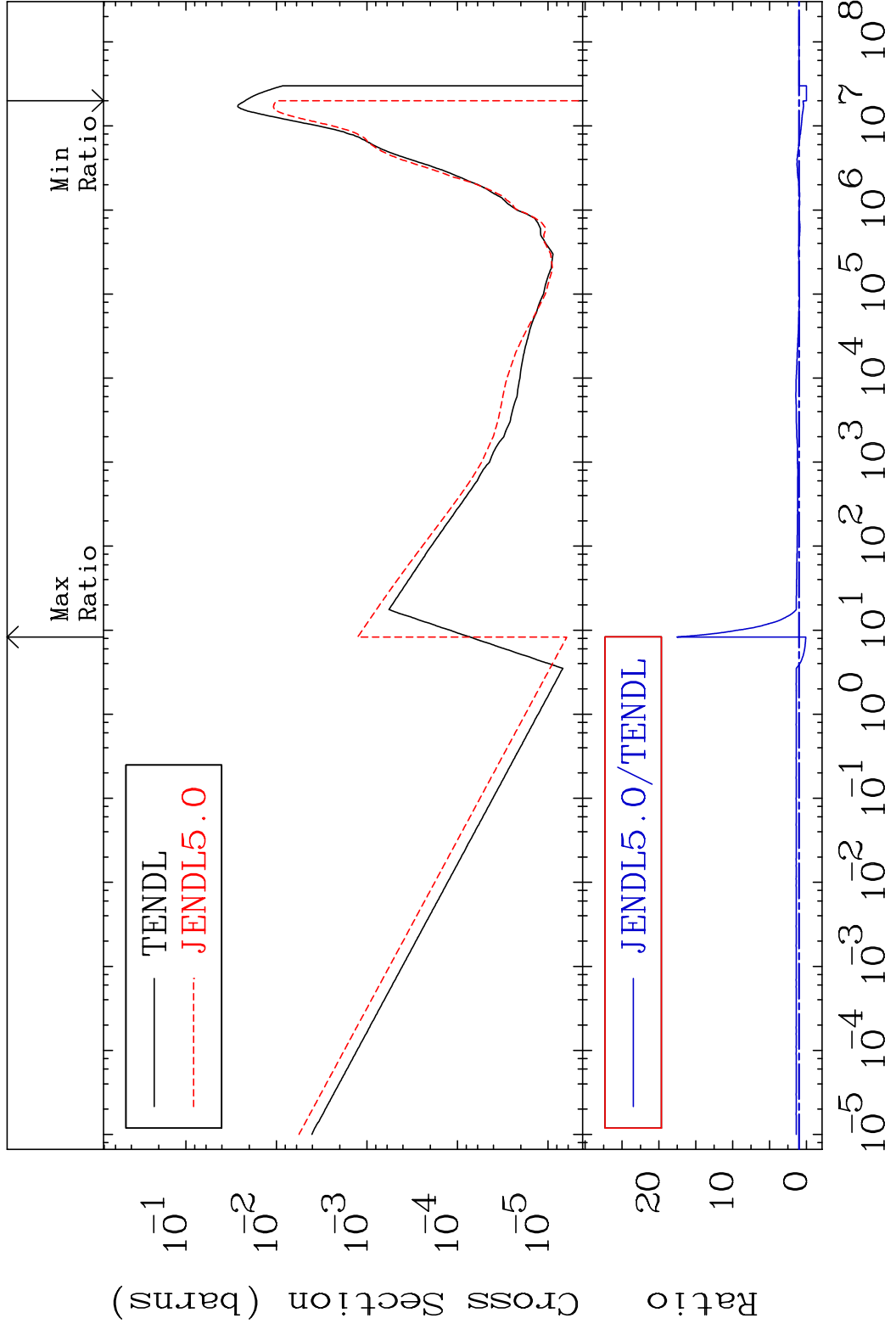
50-Sn-113

Cross Section -100.0 To 9999. %



MAT 5028

(n, α)
Cross Section -100.0 To 1652. %
50-Sn-113

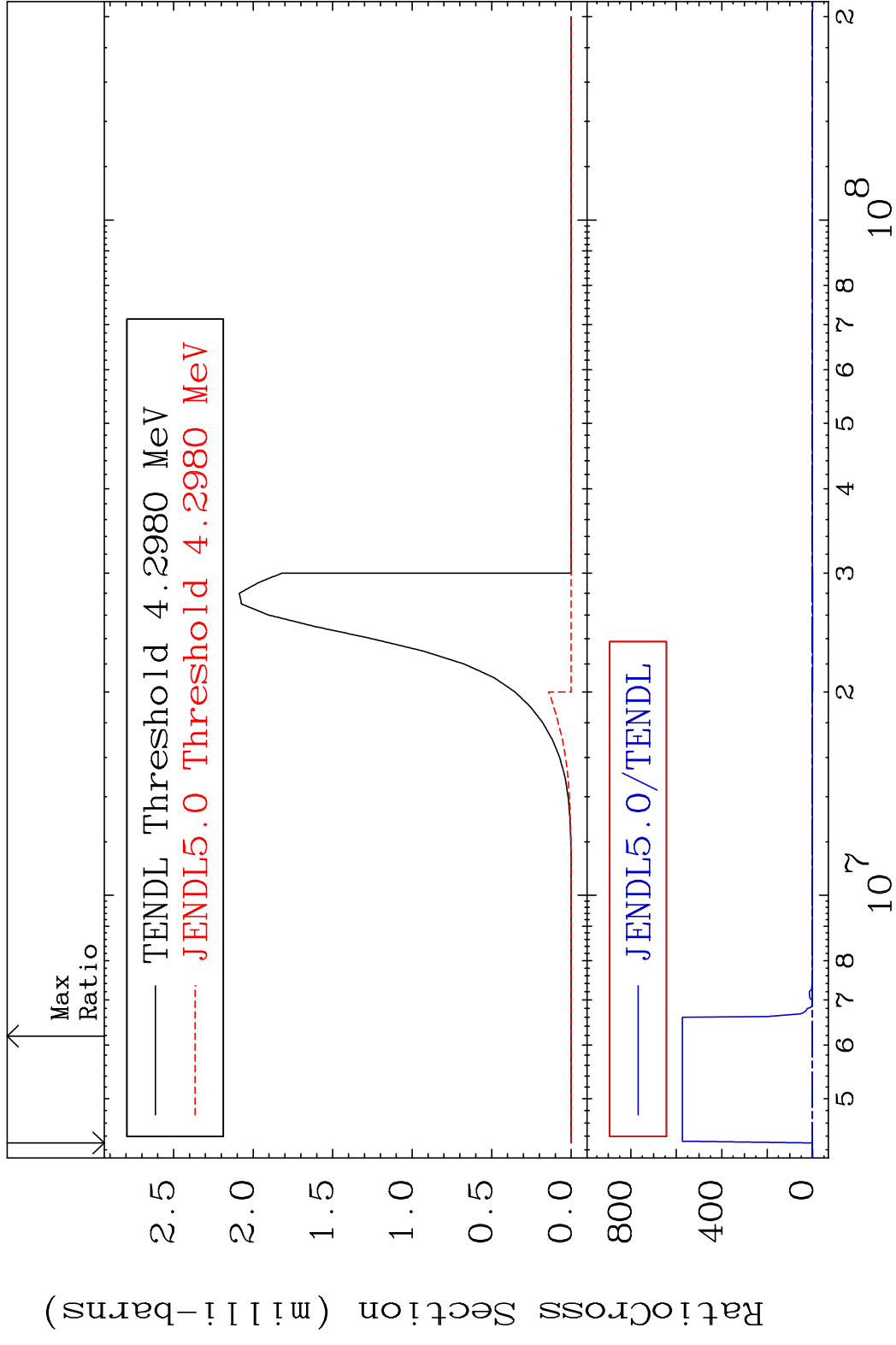


47

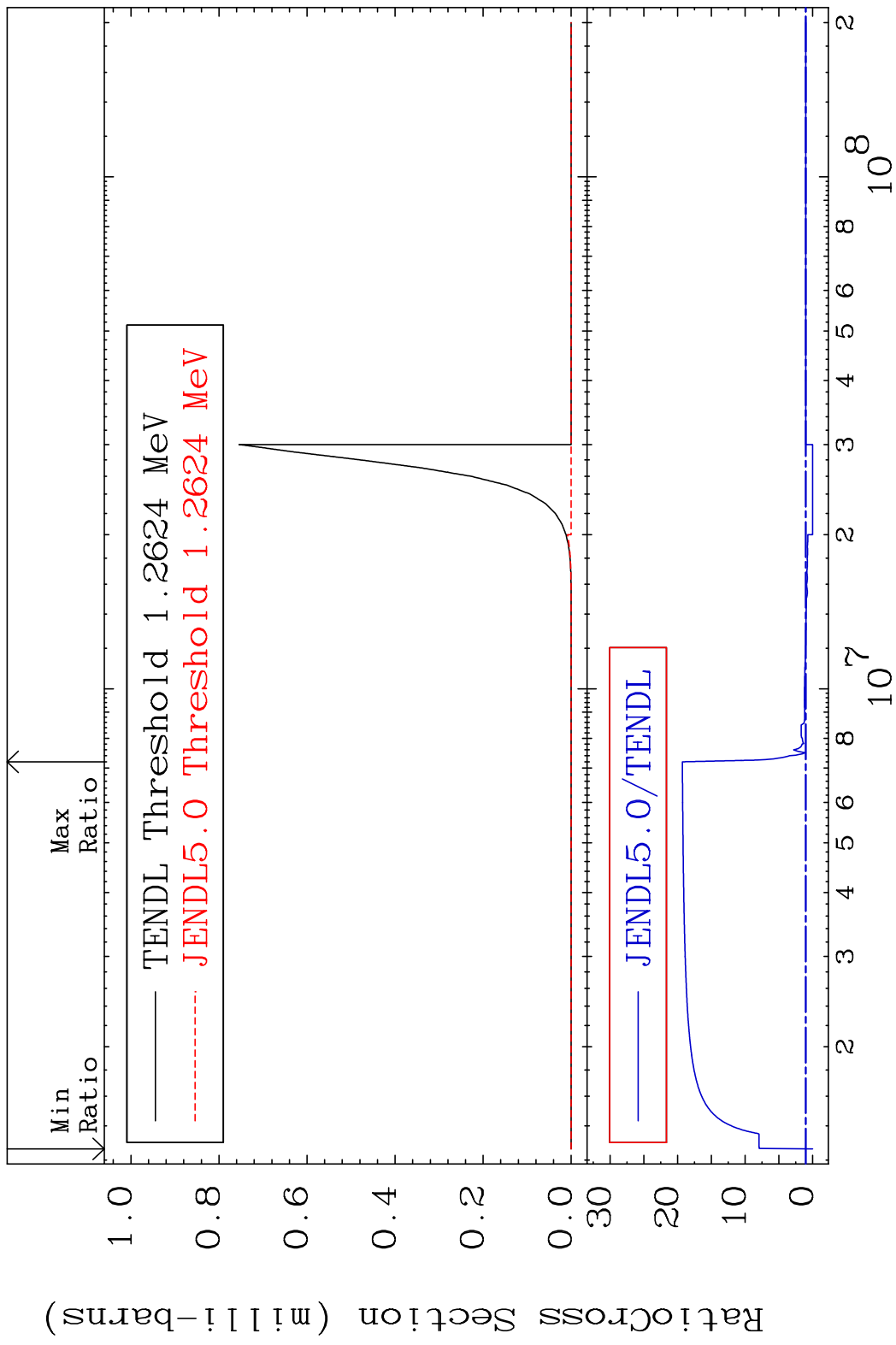
Incident Energy (eV)

50-Sn-113

MAT 5028 (n,2p) 50-Sn-113
 Cross Section -100.0 To 9999. %



MAT 5028 (n,p) α 50-Sn-113
 Cross Section -100.0 To 1830. %

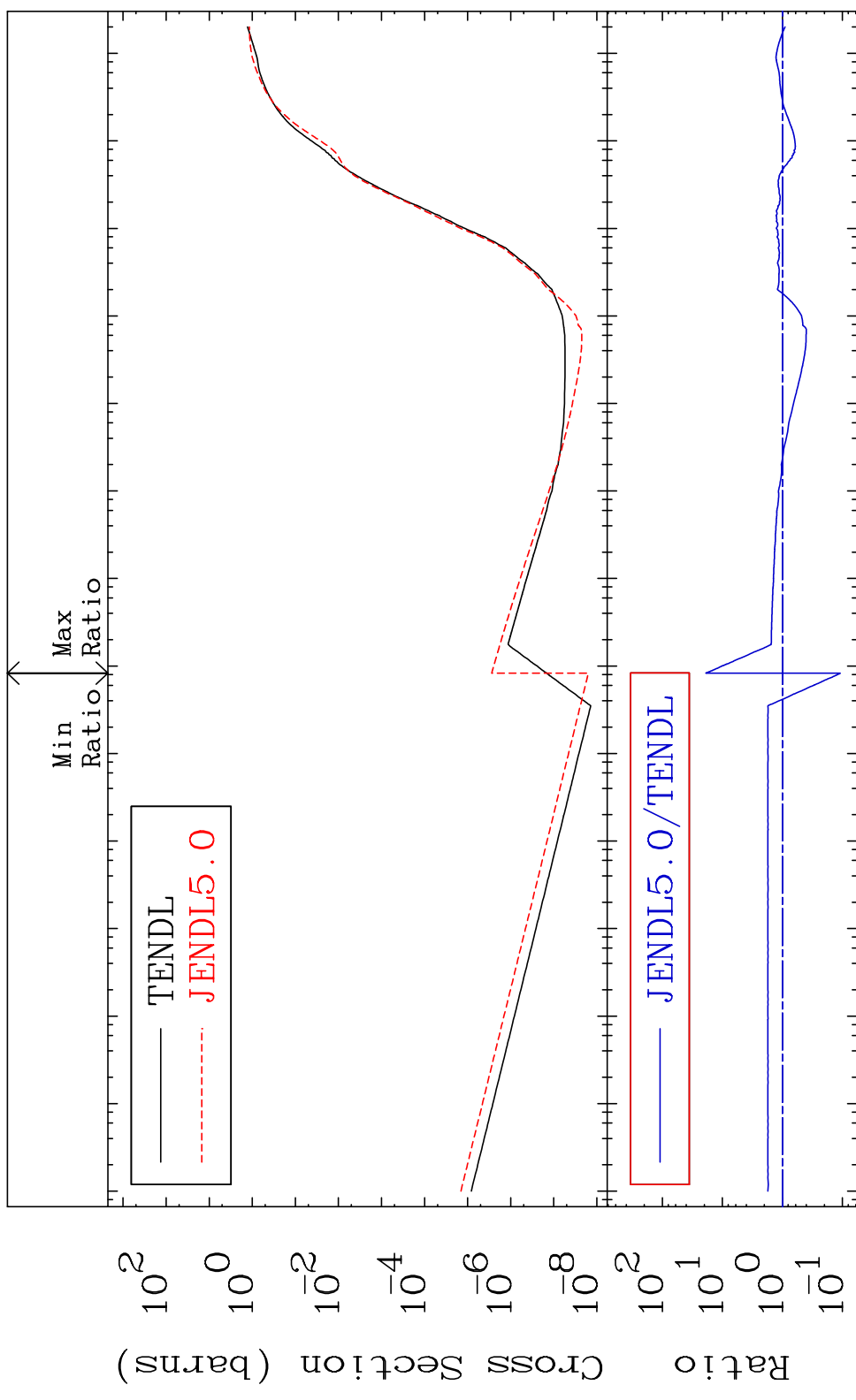


MAT 5028

Hydrogen Production

50-Sn-113

Cross Section -89.21 To 1794. %

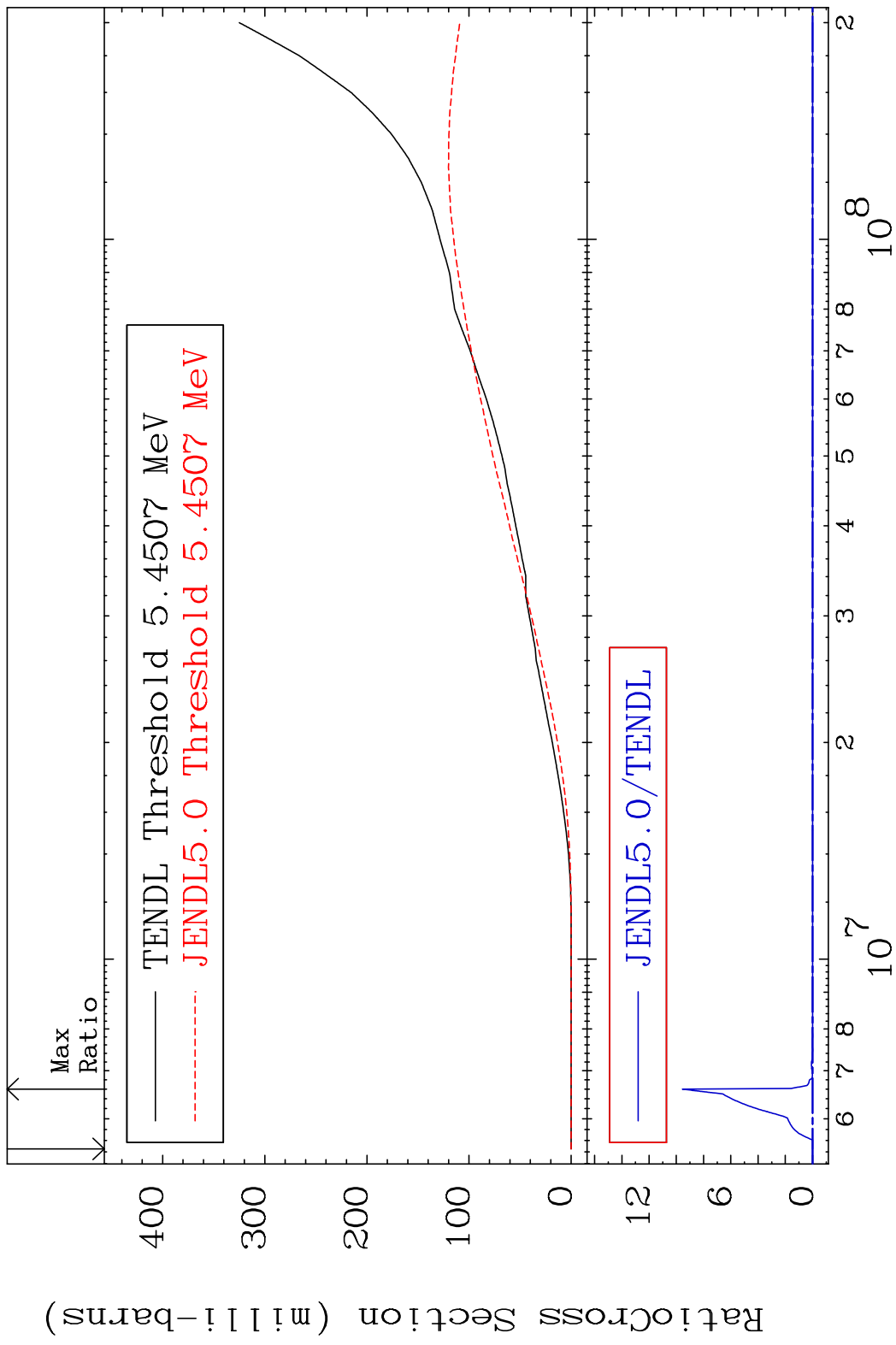


50

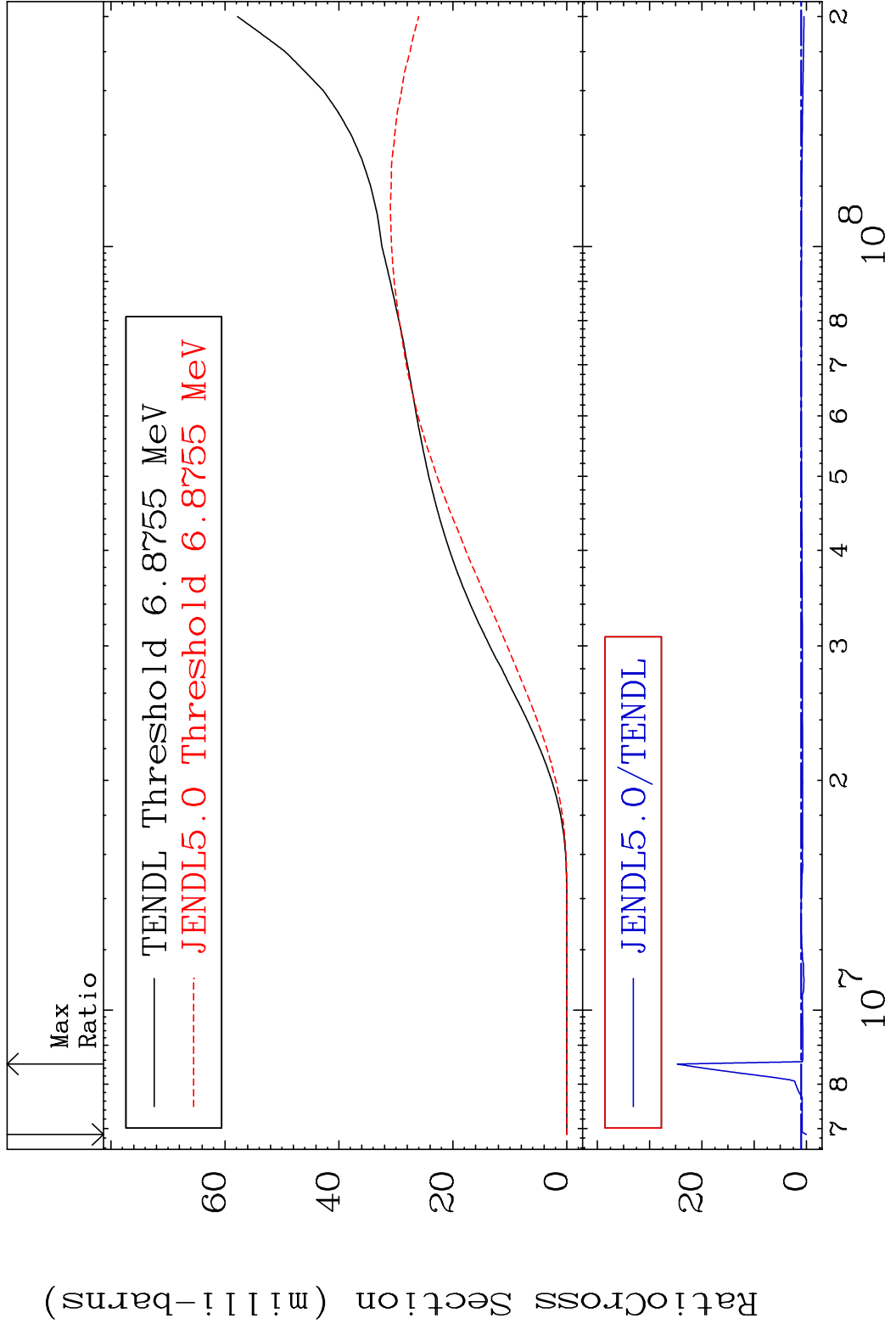
Incident Energy (eV)

50-Sn-113

MAT 5028 Deuterium Production 50-Sn-113
 Cross Section -100.0 To 9999. %



MAT 5028 Tritium Production 50-Sn-113
 Cross Section -100.0 To 2372. %

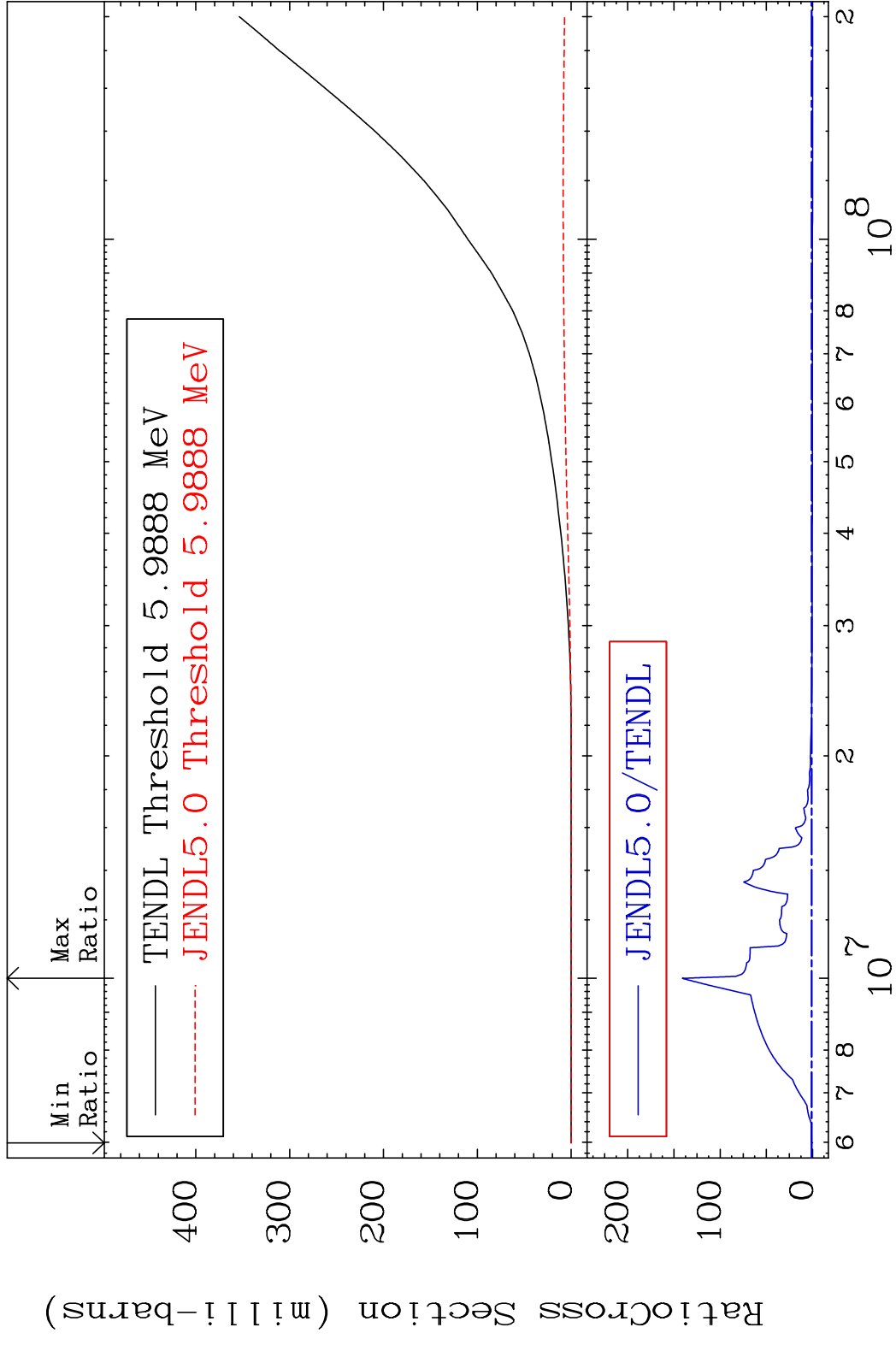


MAT 5028

He-3 Production

50-Sn-113

Cross Section -100.0 To 9999. %



53

Incident Energy (eV)

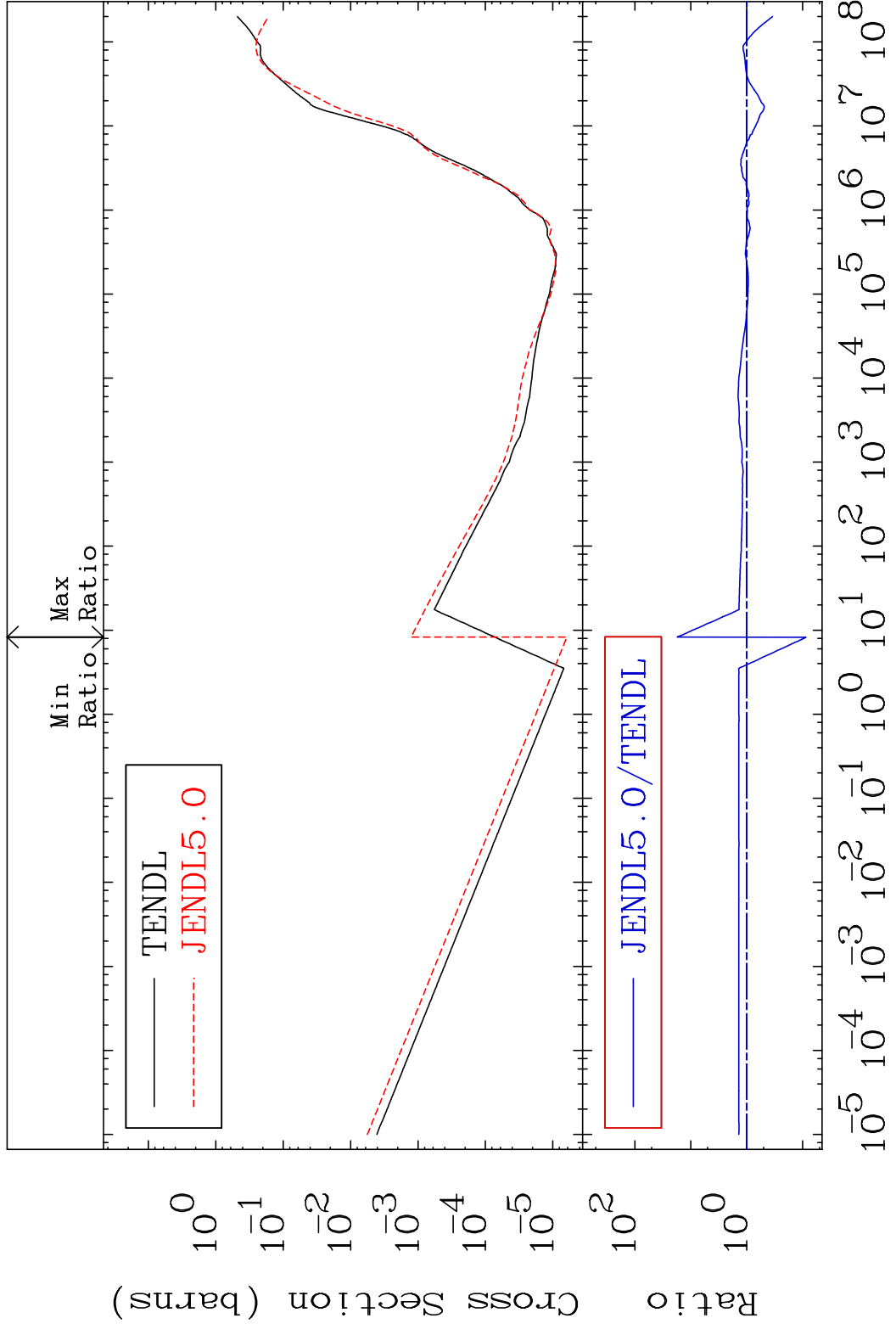
50-Sn-113

MAT 5028

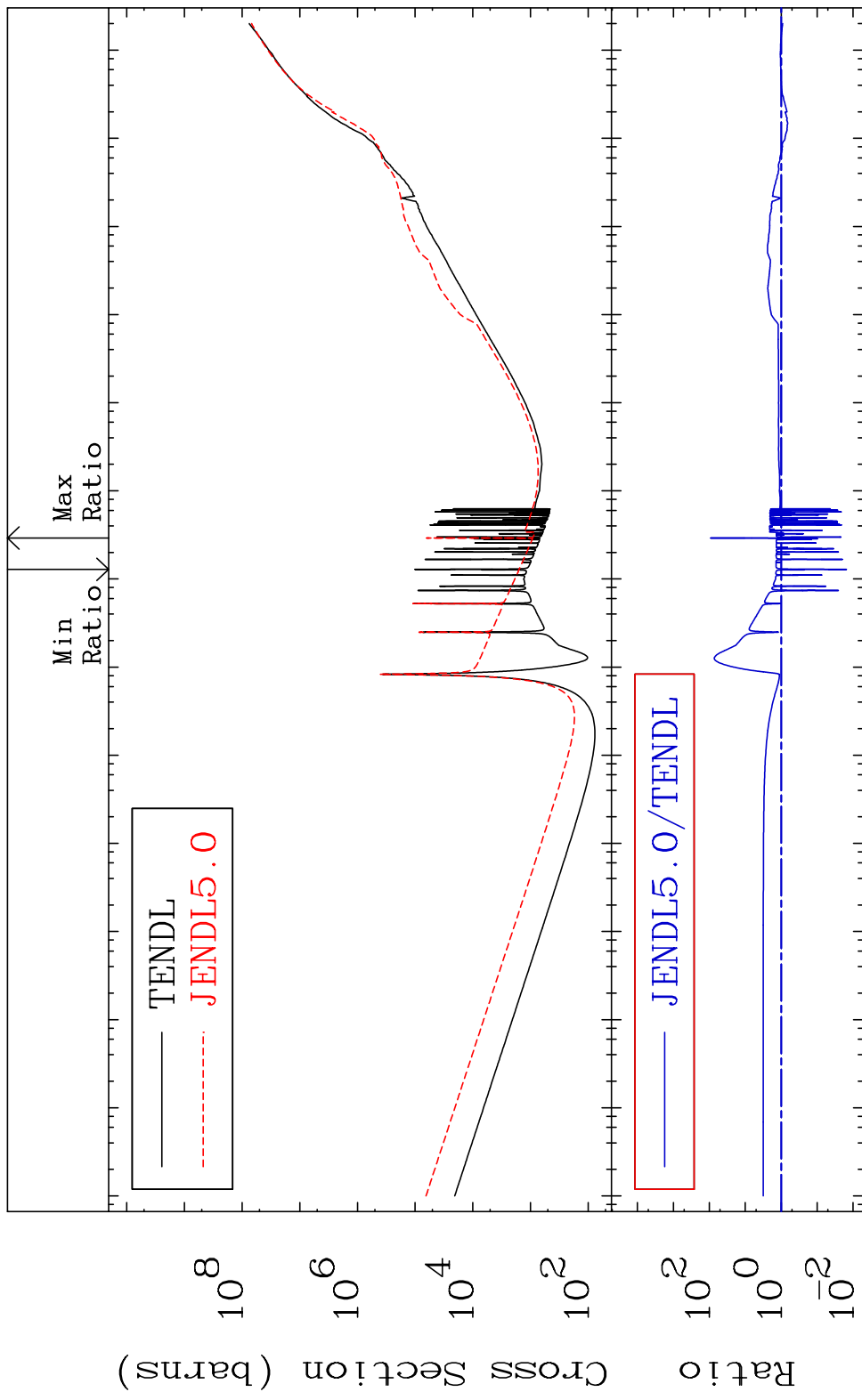
He-4 Production

50-Sn-113

Cross Section -91.42 To 1652. %



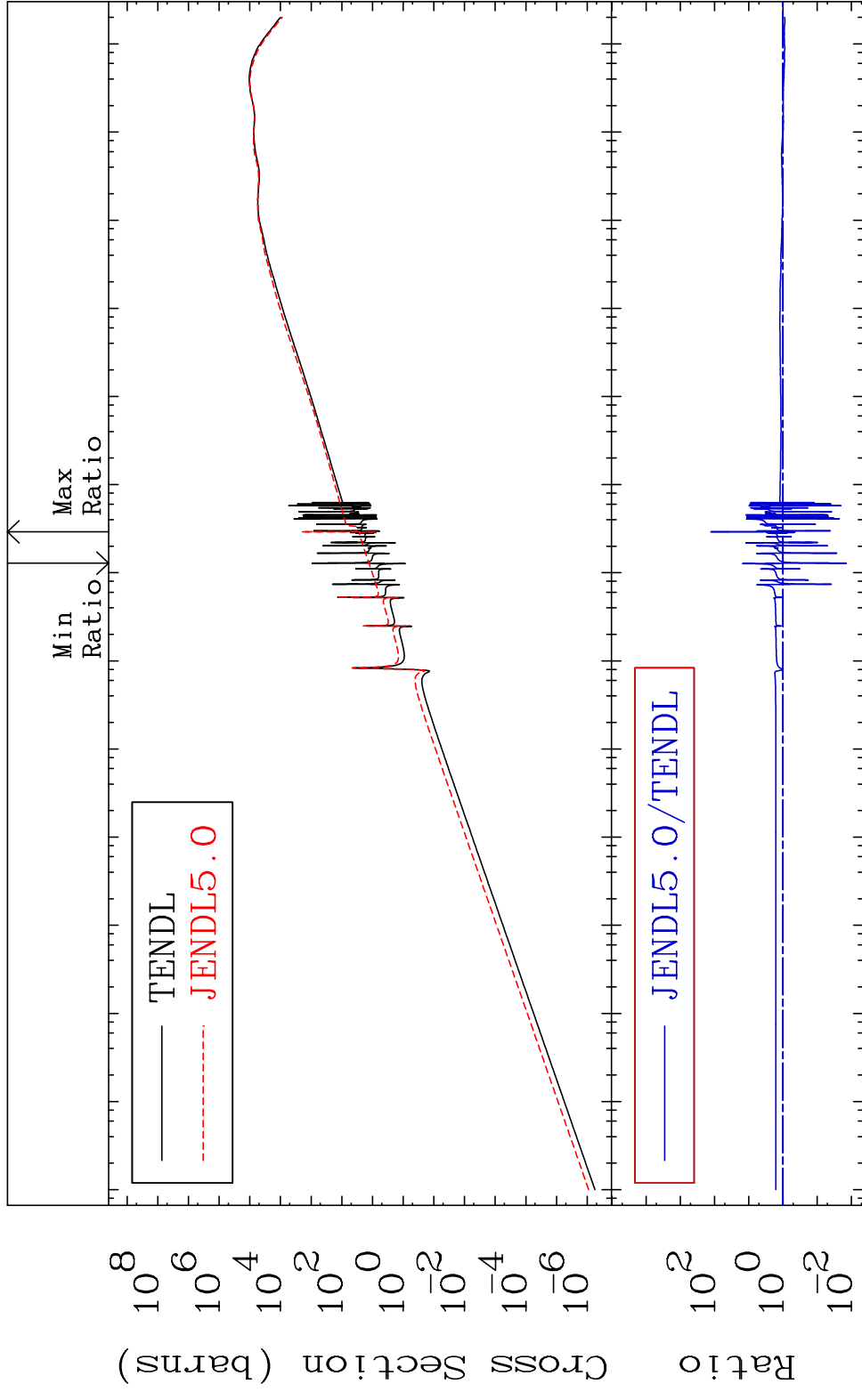
MAT 5028 Kerma total (eV-barns) 50-Sn-113
 Cross Section -98.46 To 9031. %



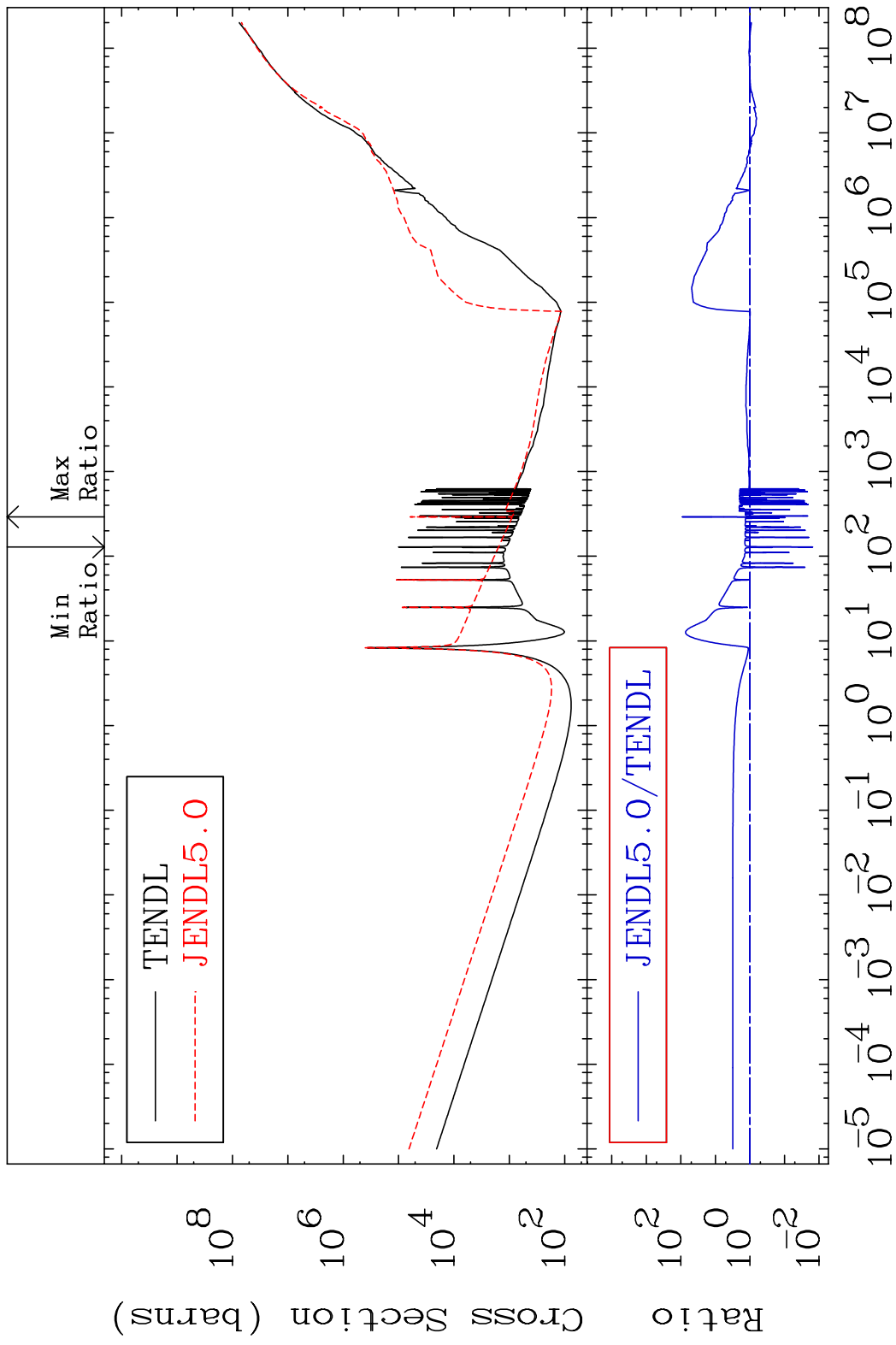
MAT 5028

Kerma elastic
Cross Section

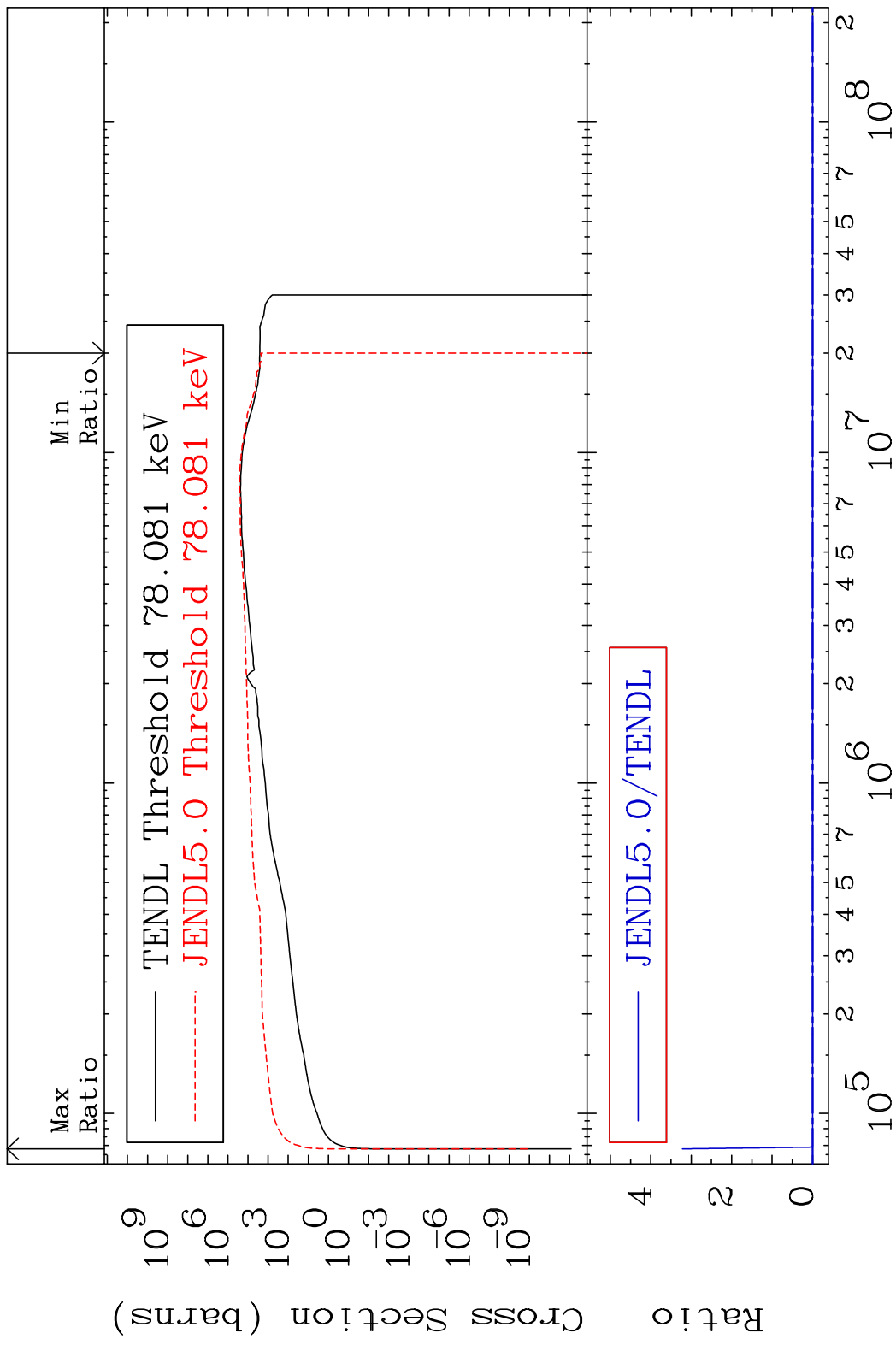
50-Sn-113
-98.61 To 9999. %



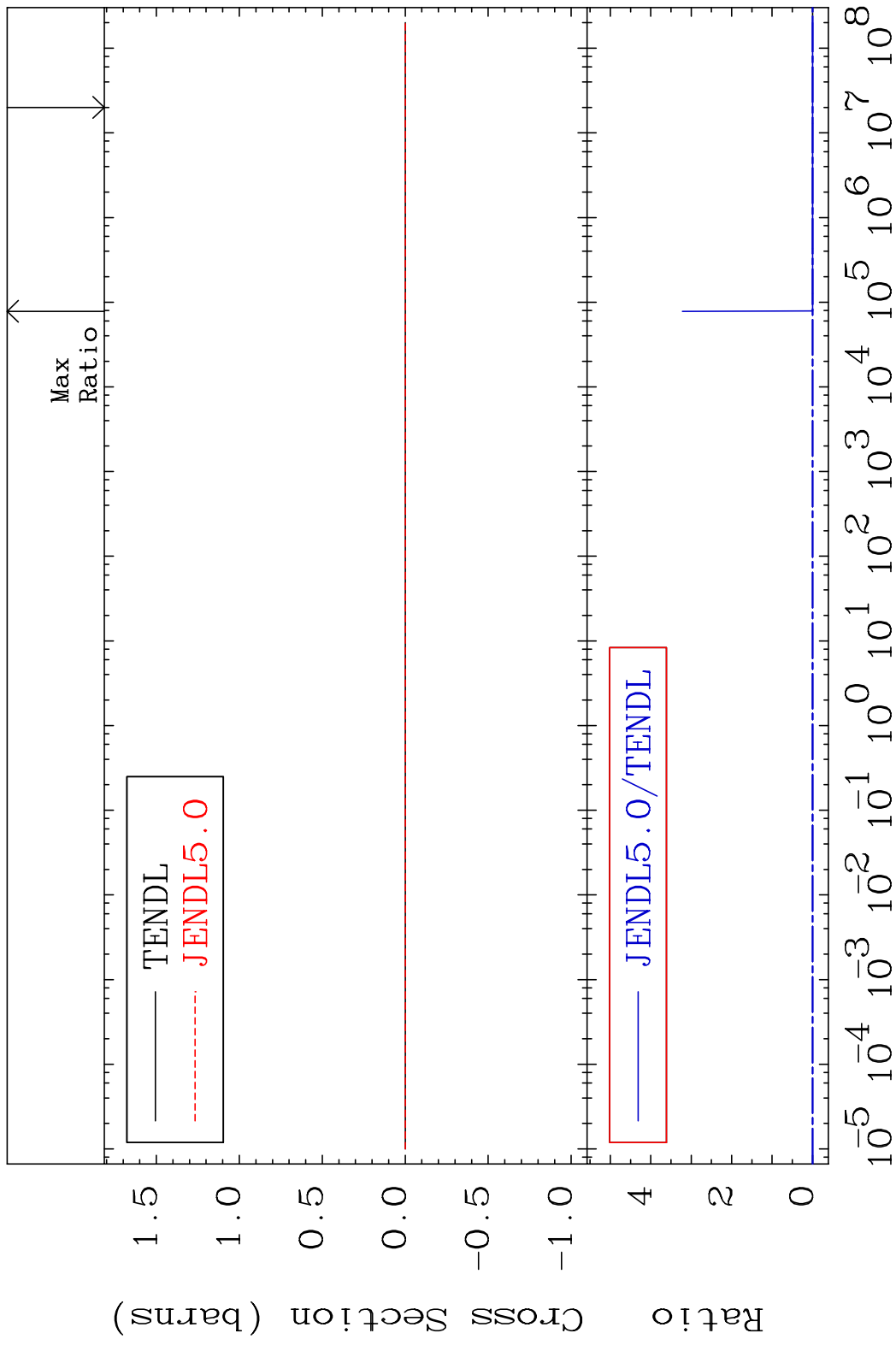
MAT 5028 Kerma non-elastic (all but mt2) 50-Sn-113
 Cross Section -98.46 To 8944. %



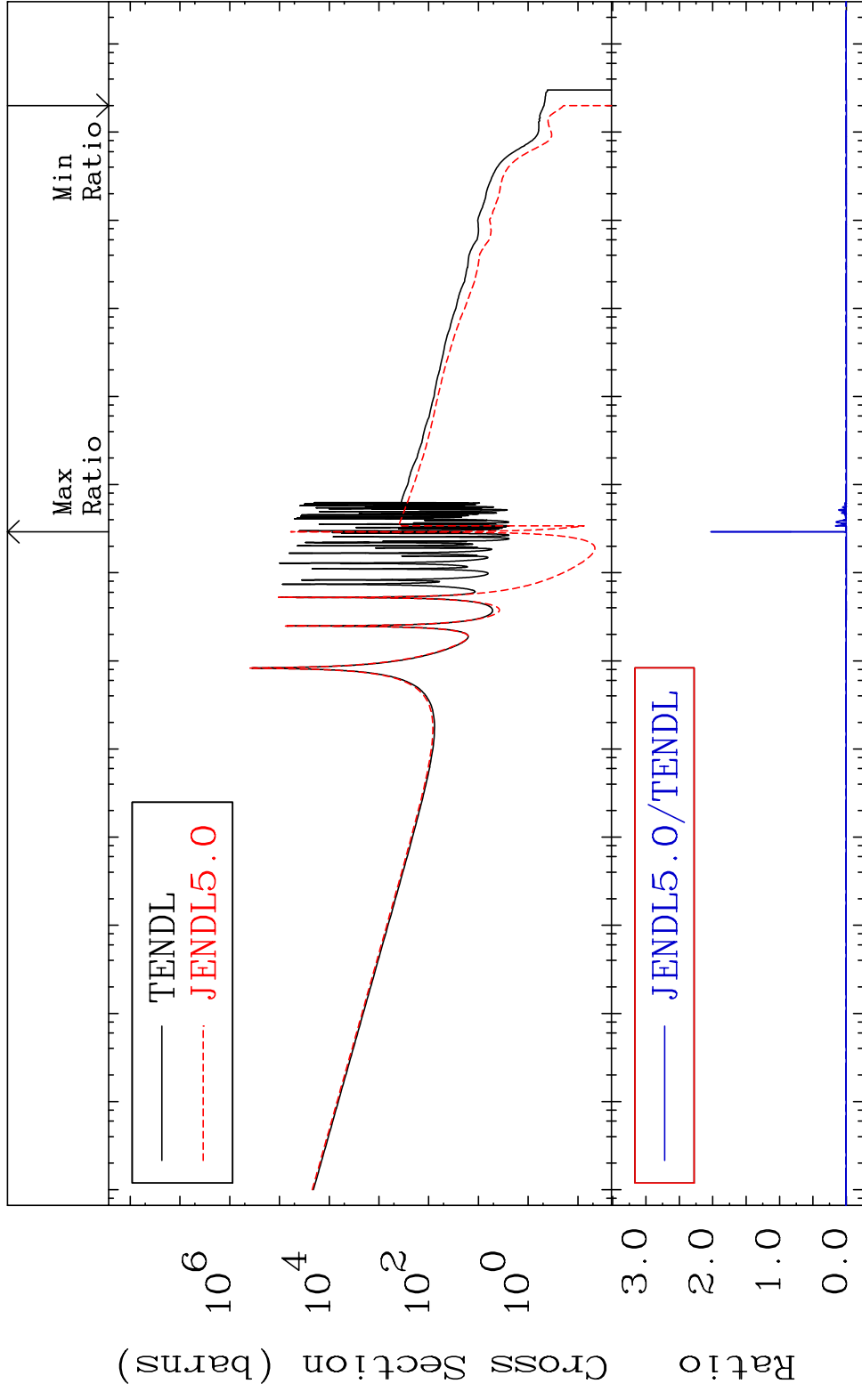
MAT 5028 Kerma inelastic (mt51-91) 50-Sn-113
 Cross Section -100.0 To 9999. %



MAT 5028 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-113
 Cross Section -100.0 To 9999. %

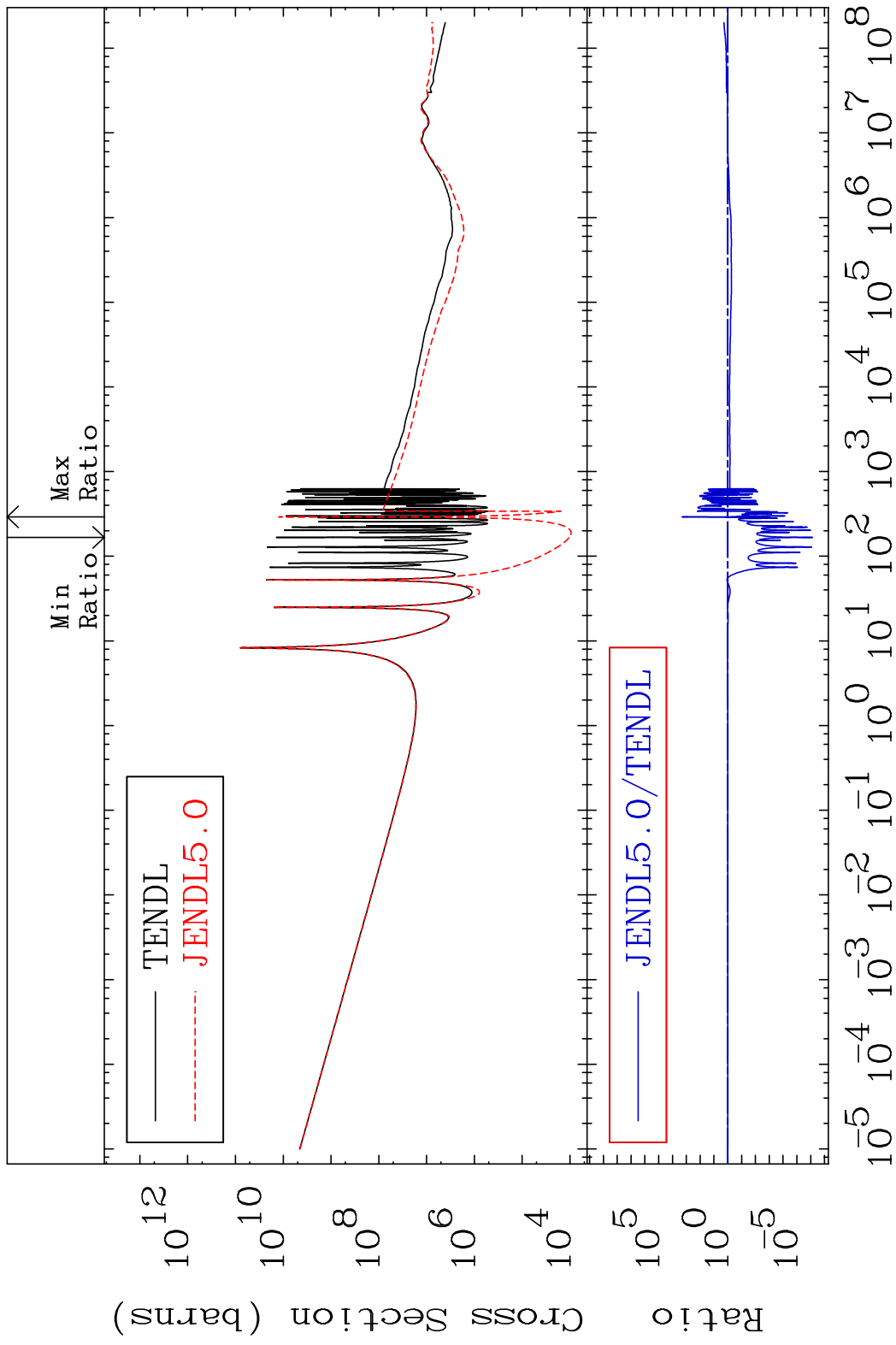


MAT 5028 Kerma capture (mt102) 50-Sn-113
 Cross Section -100.0 To 9999. %

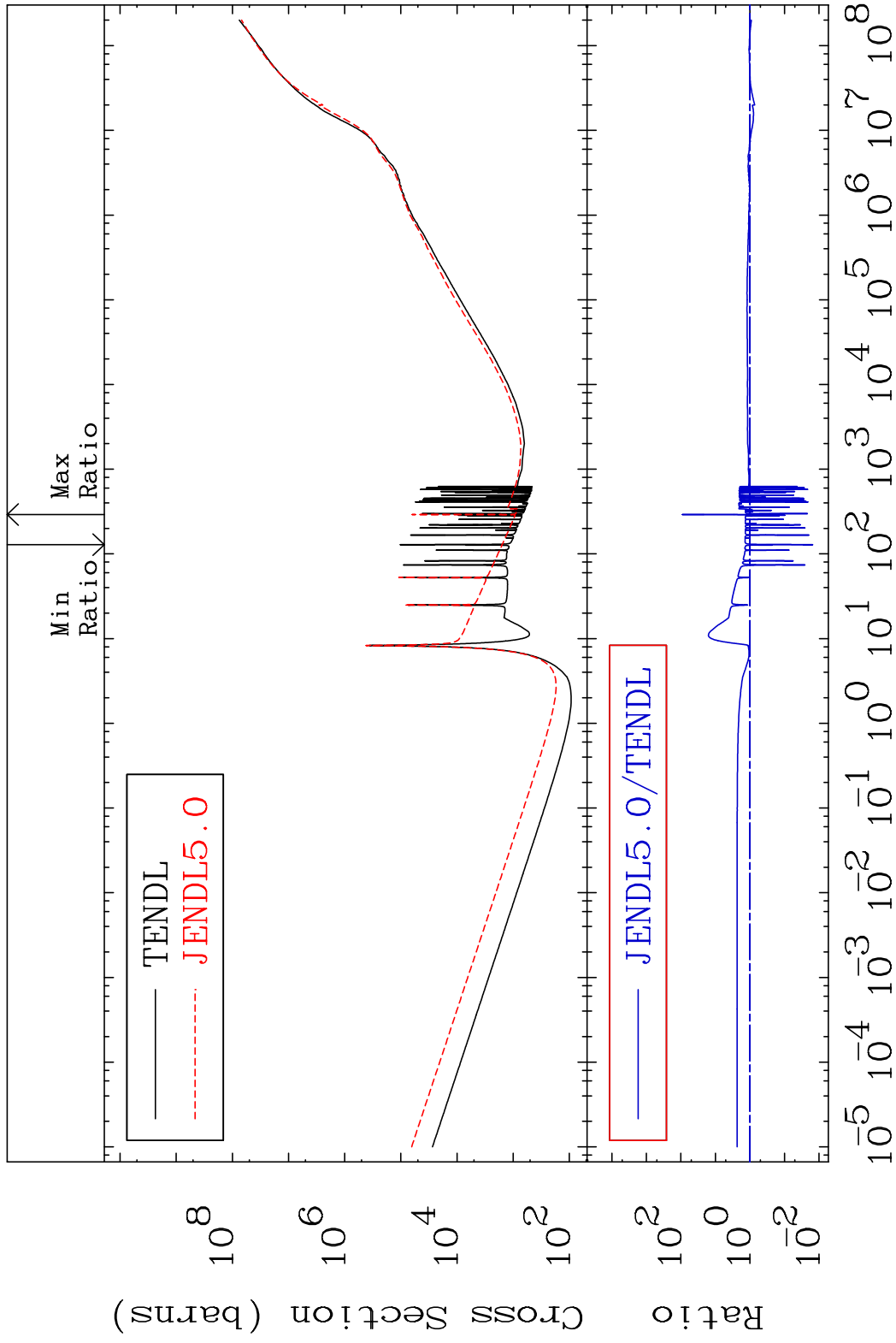


60 Incident Energy (eV) 50-Sn-113

MAT 5028 Total photon (eV-barns) 50-Sn-113
 Cross Section -100.0 To 9999. %



MAT 5028 Total kinematic kerma (high limit) 50-Sn-113
 Cross Section -98.46 To 8970. %

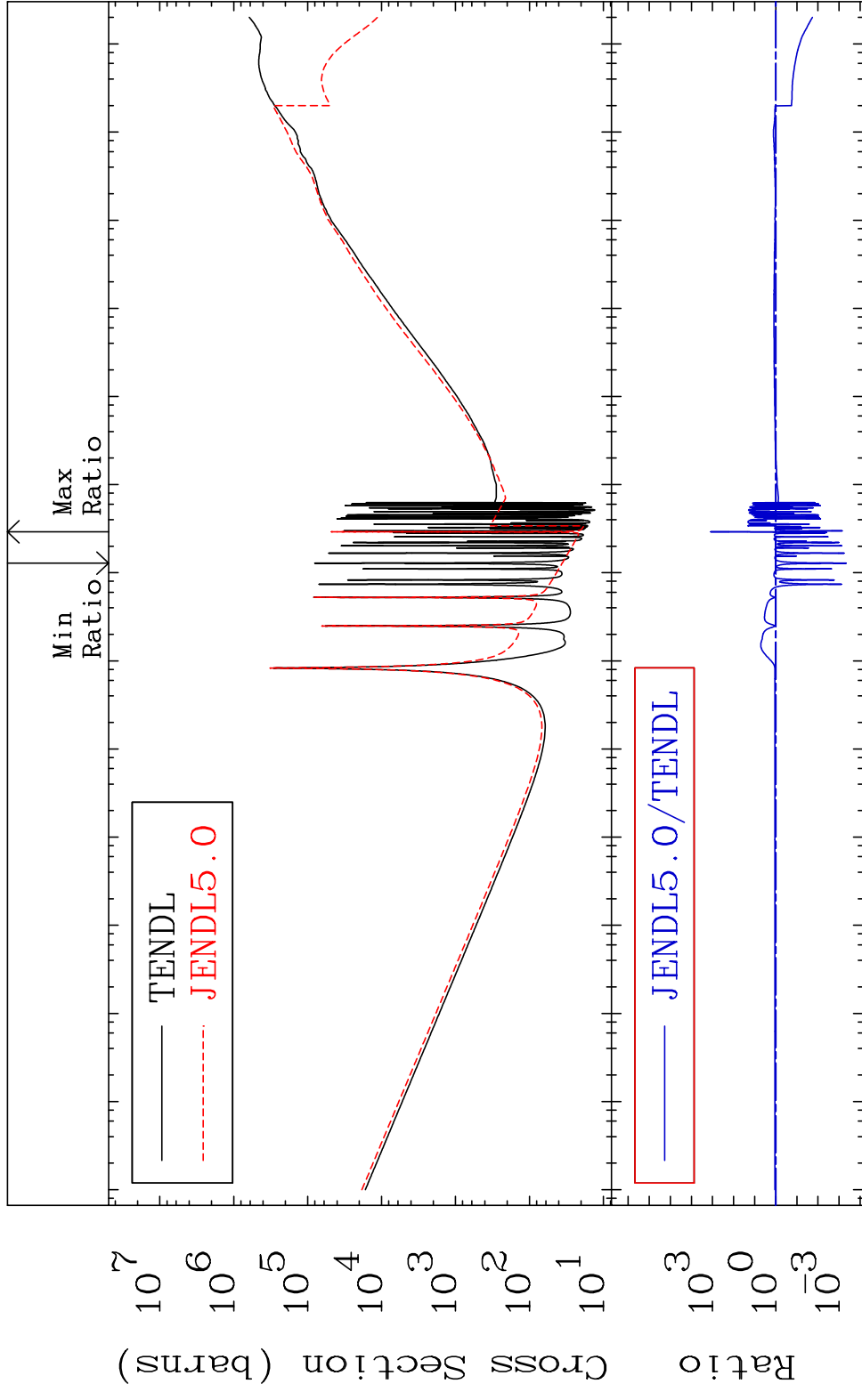


MAT 5028

Dpa total (eV-barns)

50-Sn-113

Cross Section -99.95 To 9999. %



63

Incident Energy (eV)

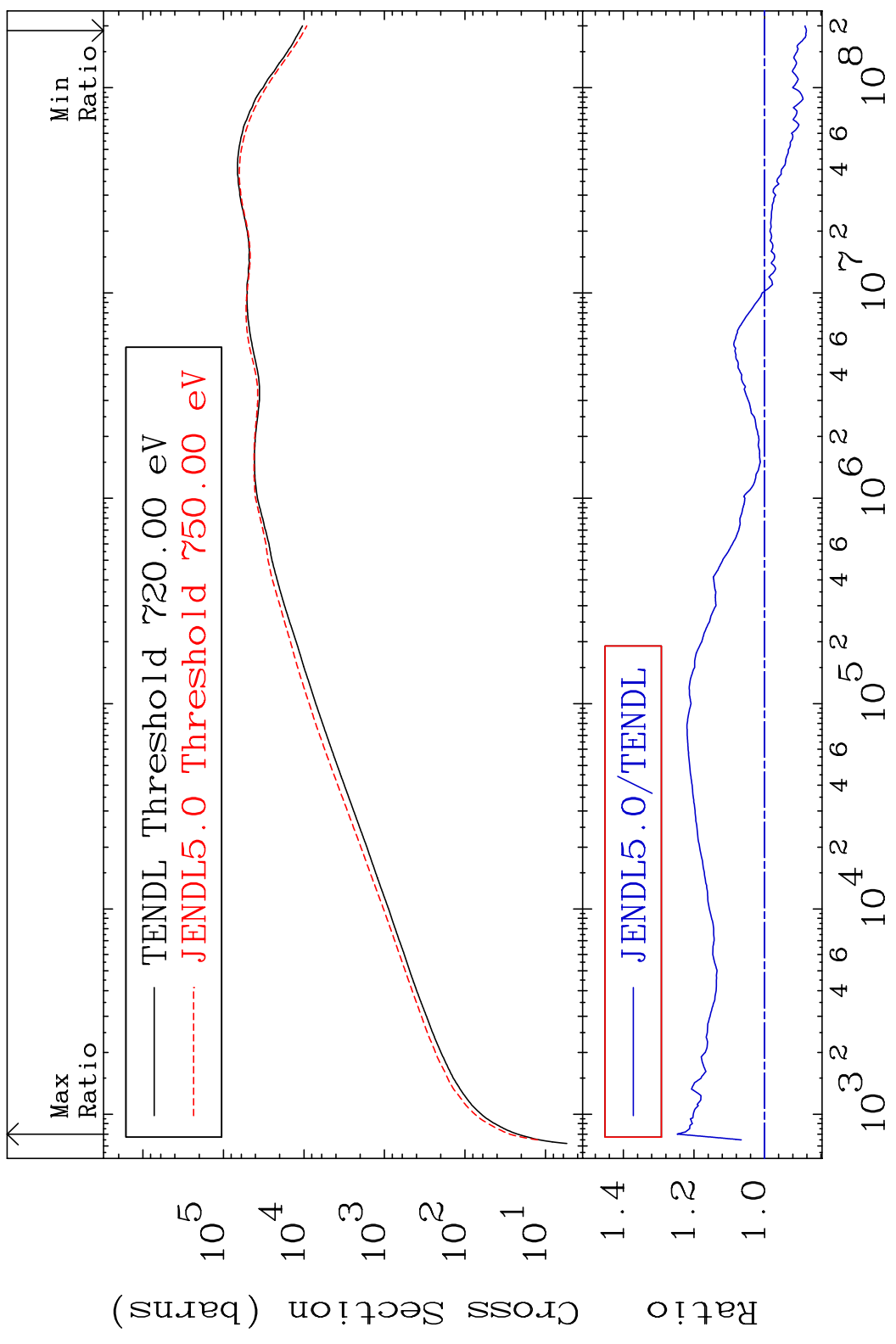
50-Sn-113

MAT 5028

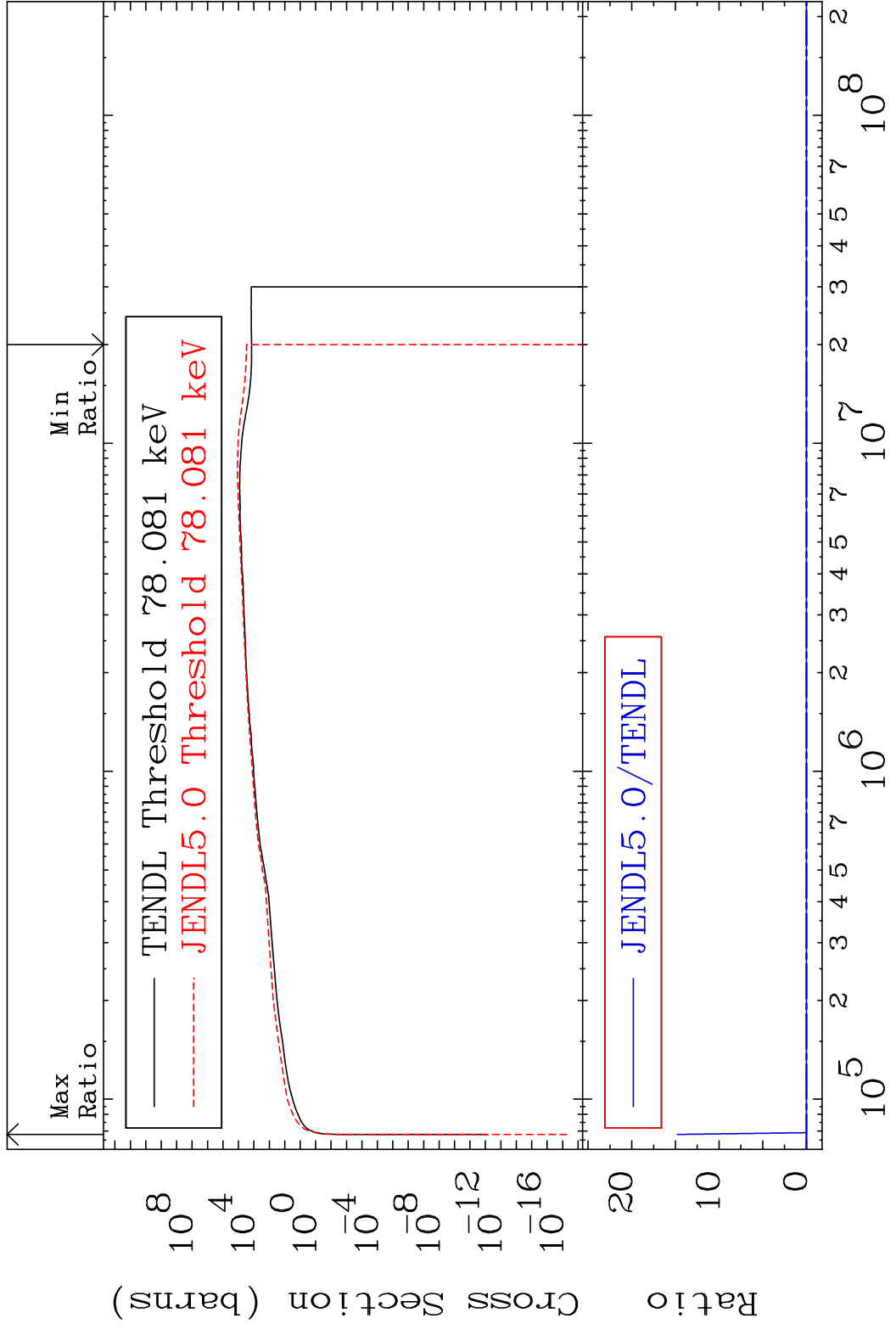
Dpa elastic (mt2)

50-Sn-113

Cross Section -11.85 To 24.77 %

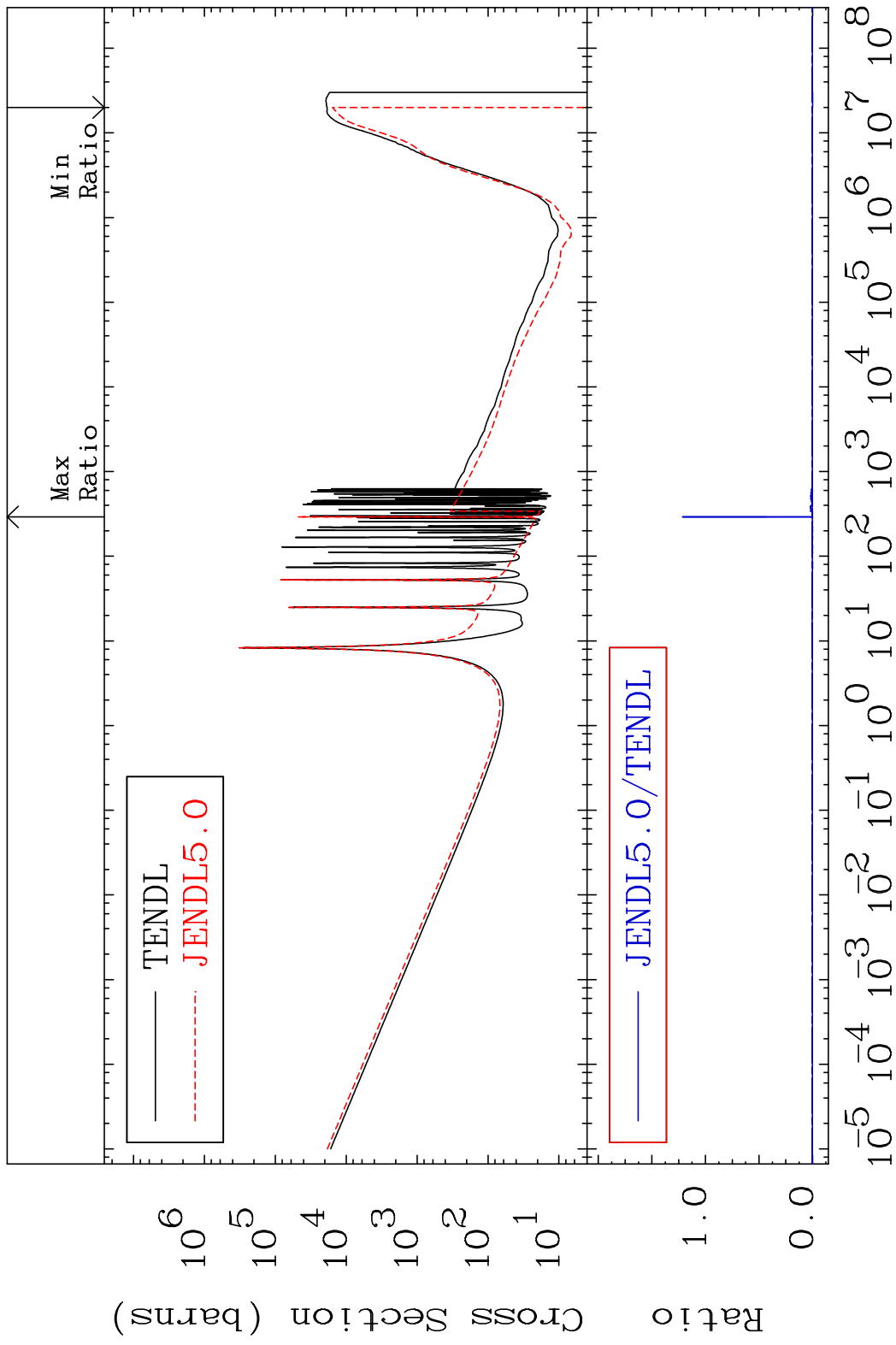


MAT 5028 Dpa inelastic (mt51-91) 50-Sn-113
 Cross Section -100.0 To 9999. %



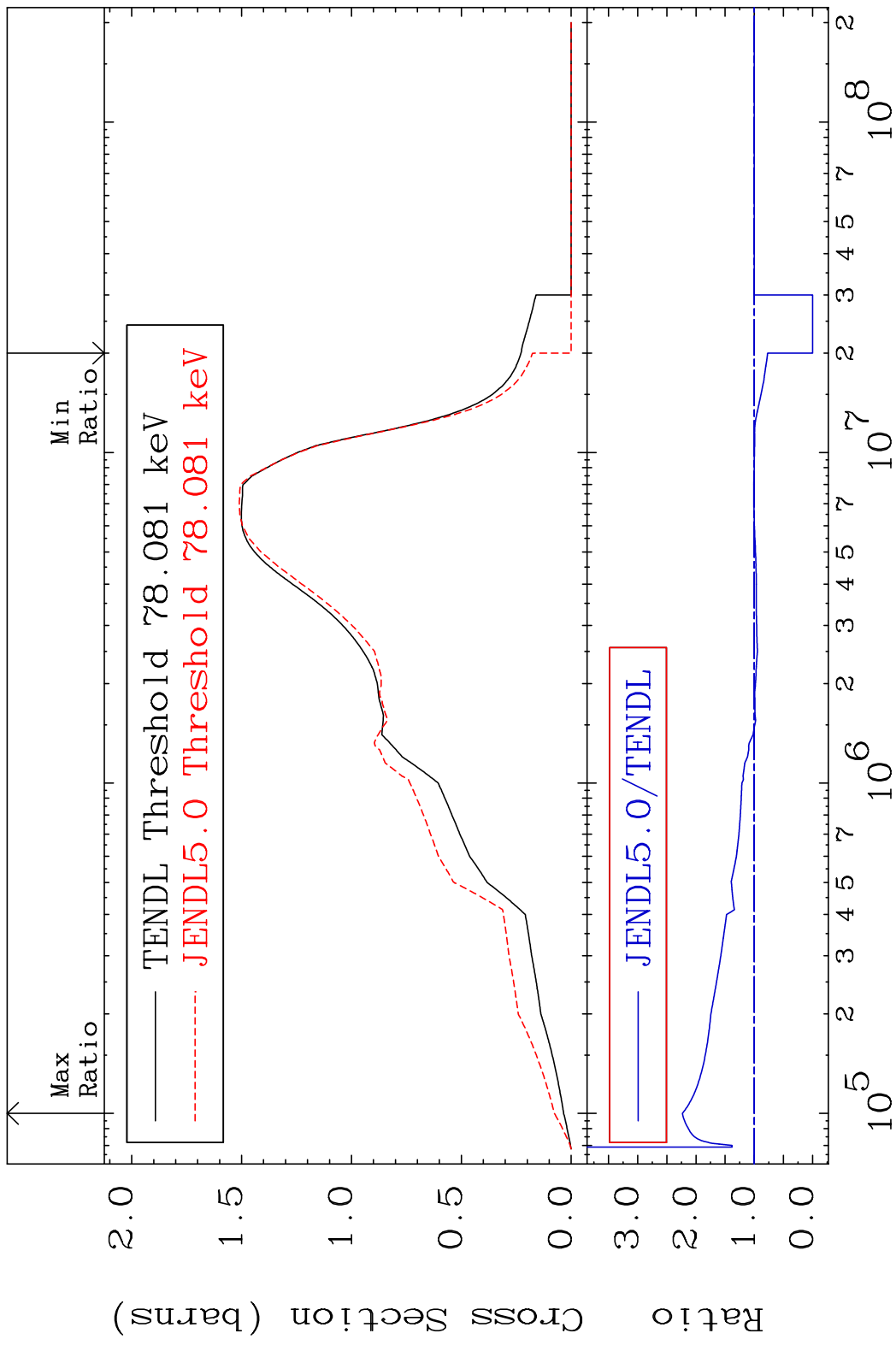
65 Incident Energy (eV) 50-Sn-113

MAT 5028 Dpa disappearance (mt102 -120) 50-Sn-113
 Cross Section -100.0 To 9999. %



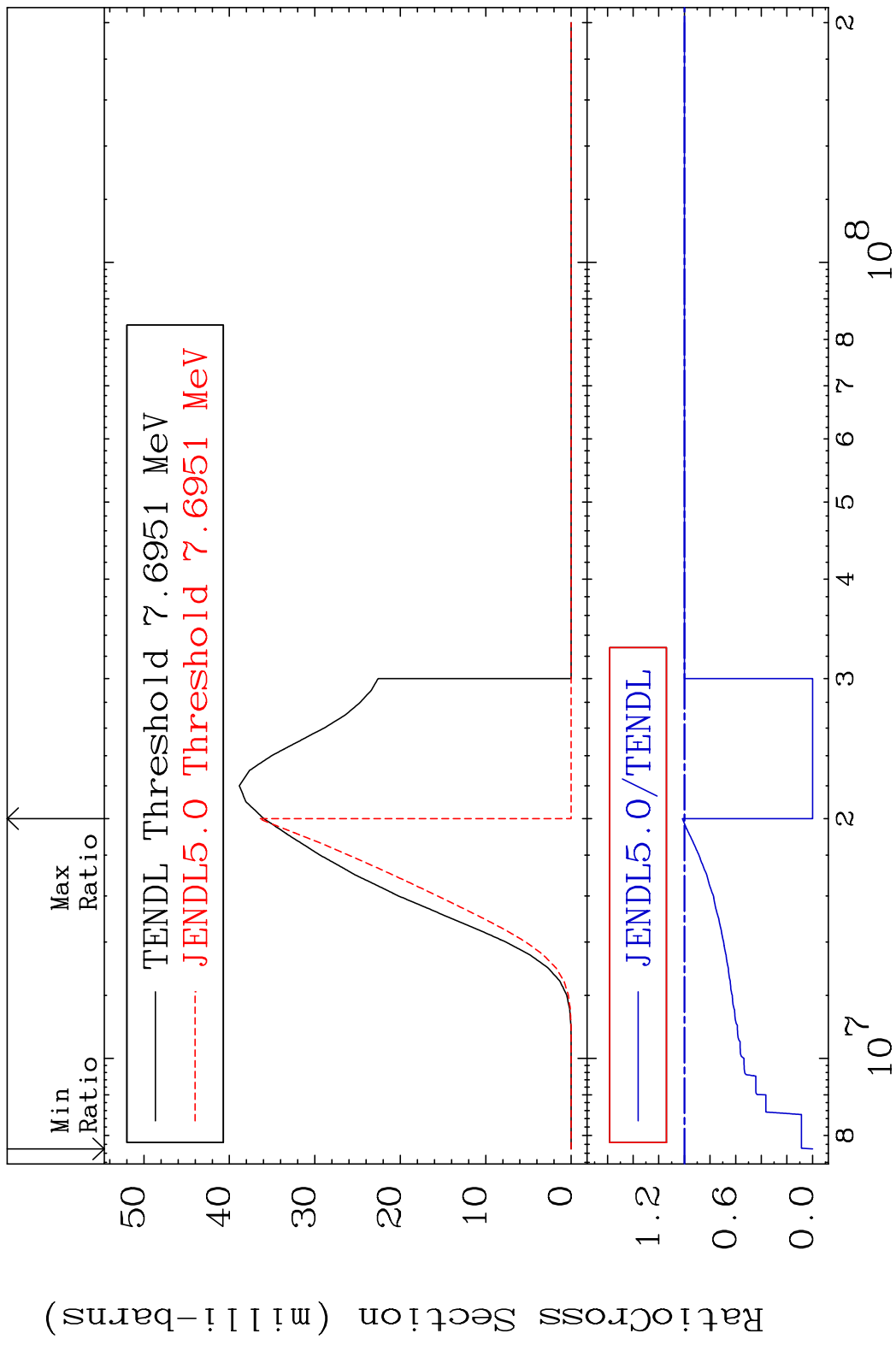
66 Incident Energy (eV) 50-Sn-113

MAT 5028 Inelastic:50-Sn-113m1 50-Sn-113
 Radionuclide Production Cross Section 180.0 dth 123.3 %

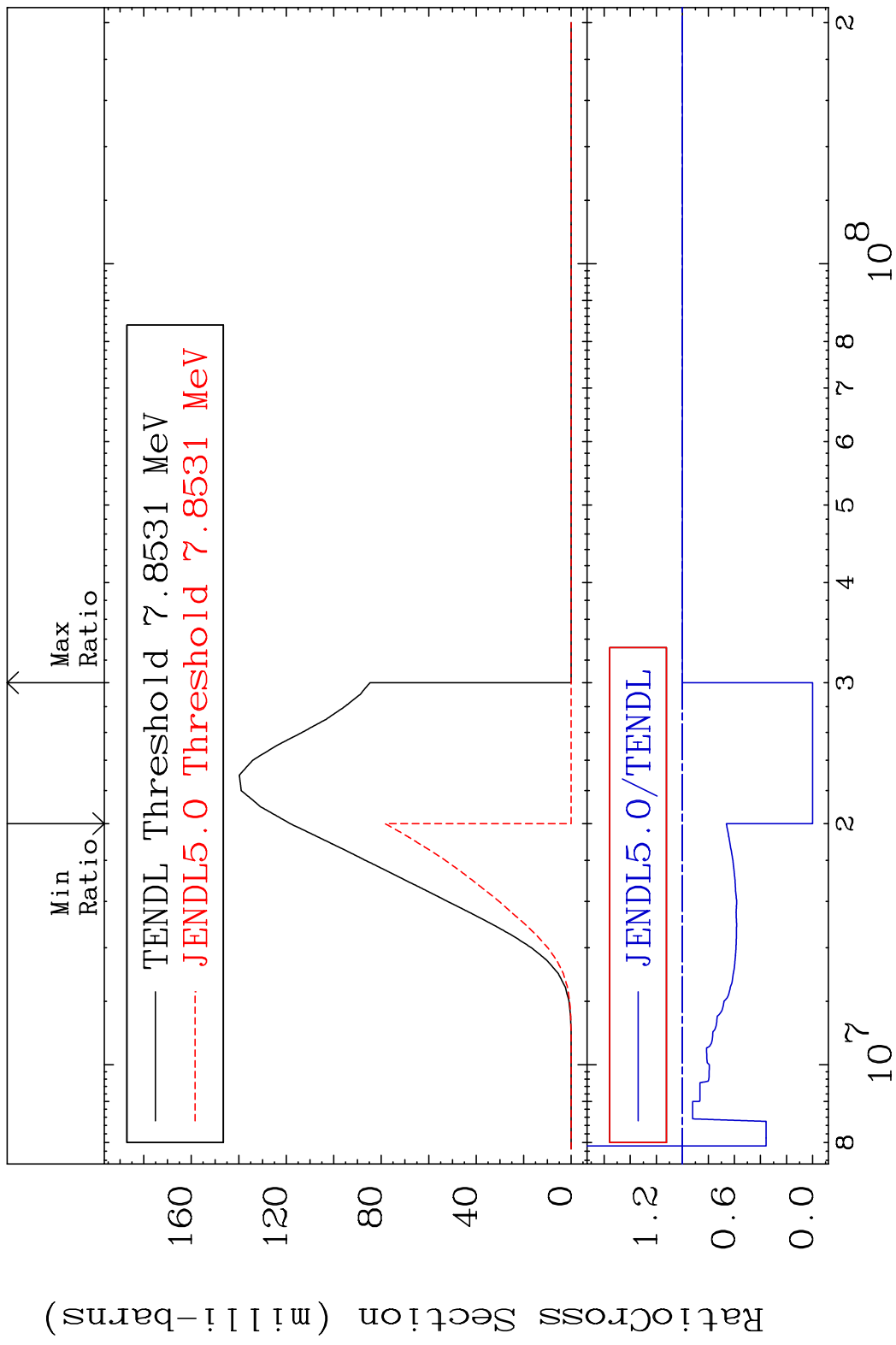


67 Incident Energy (eV) 50-Sn-113

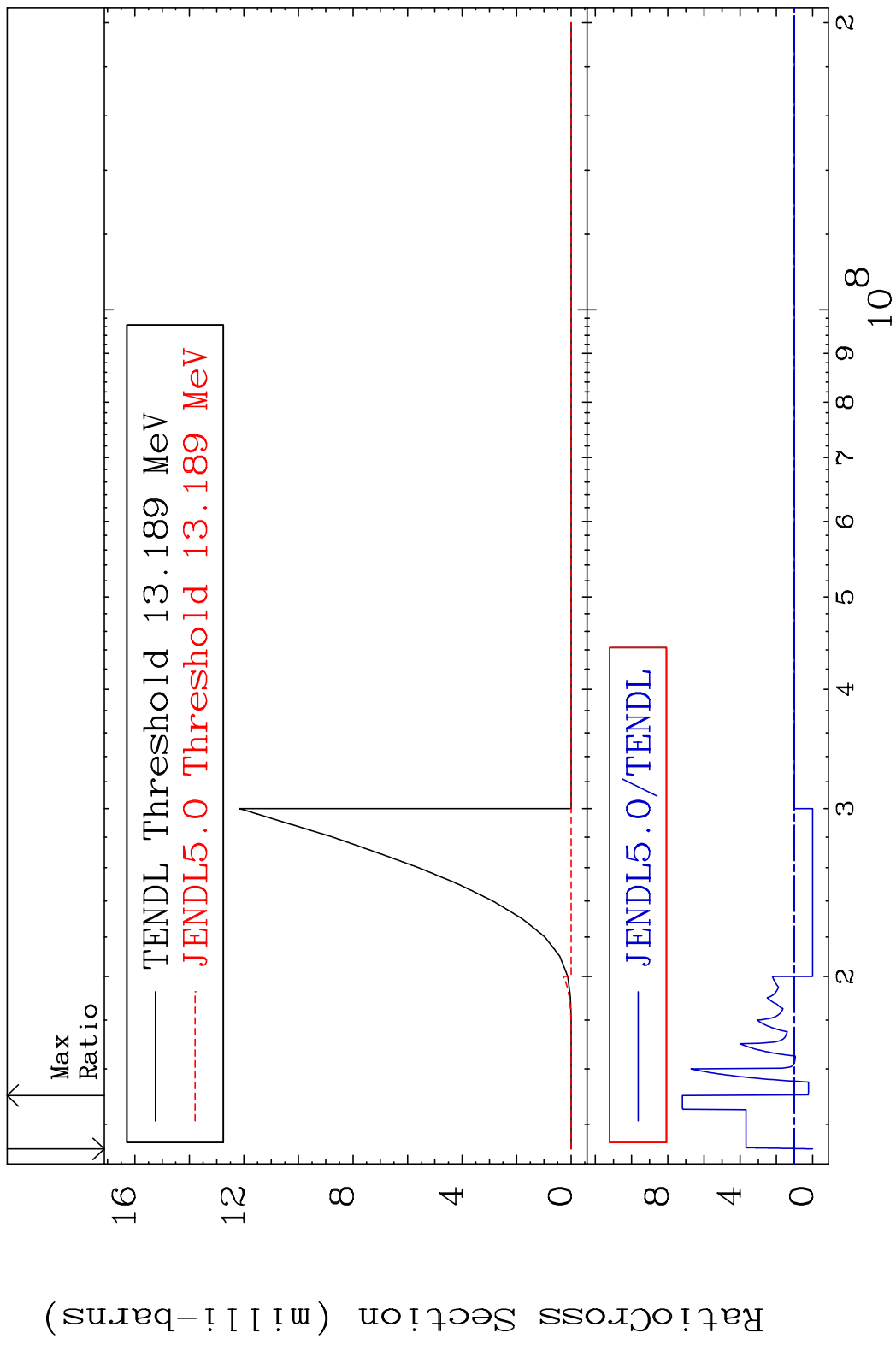
MAT 5028 (n, n') p:49-In-112g 50-Sn-113
 Radionuclide Production Cross Section Ratio 1.602 %

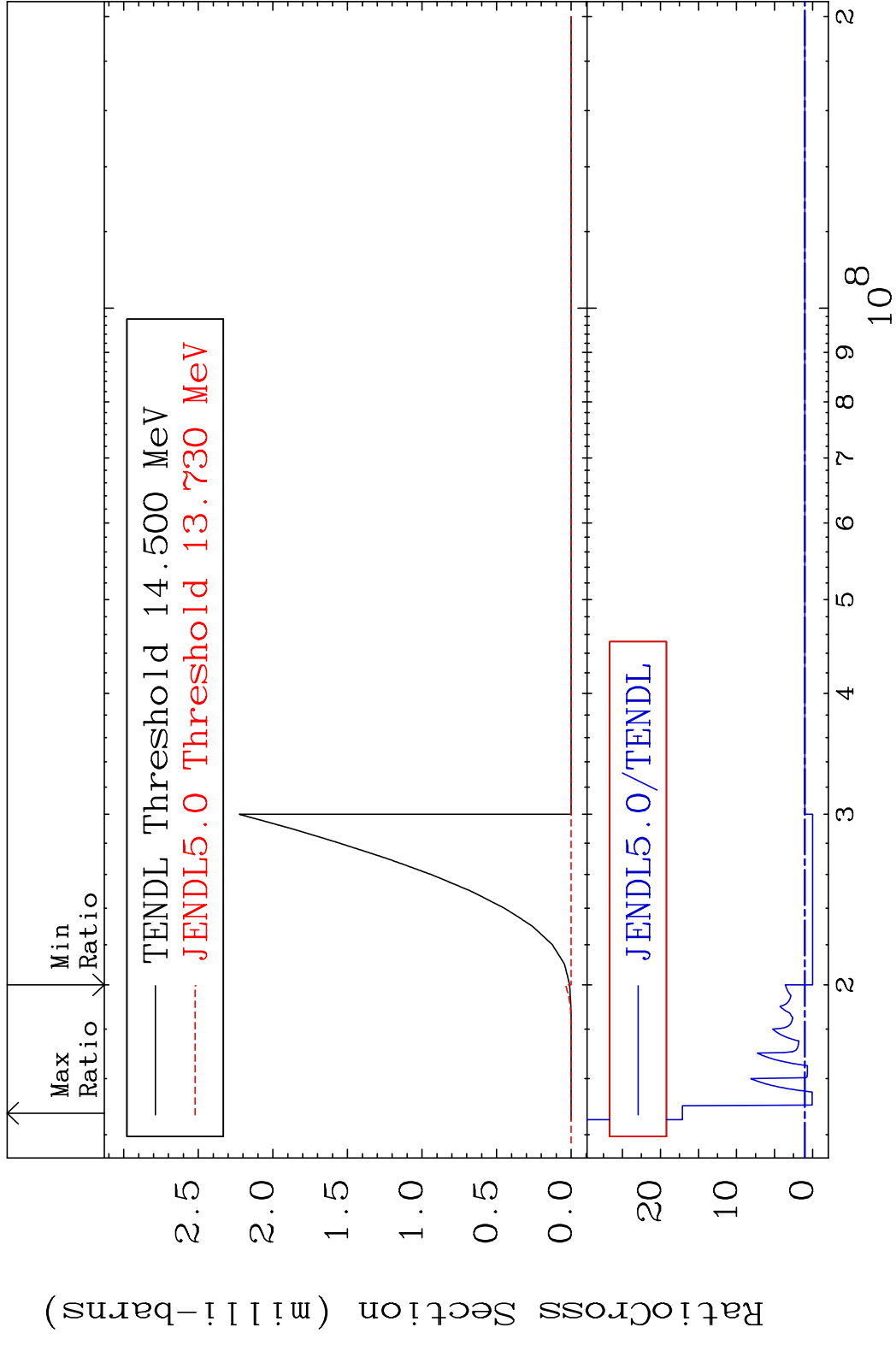


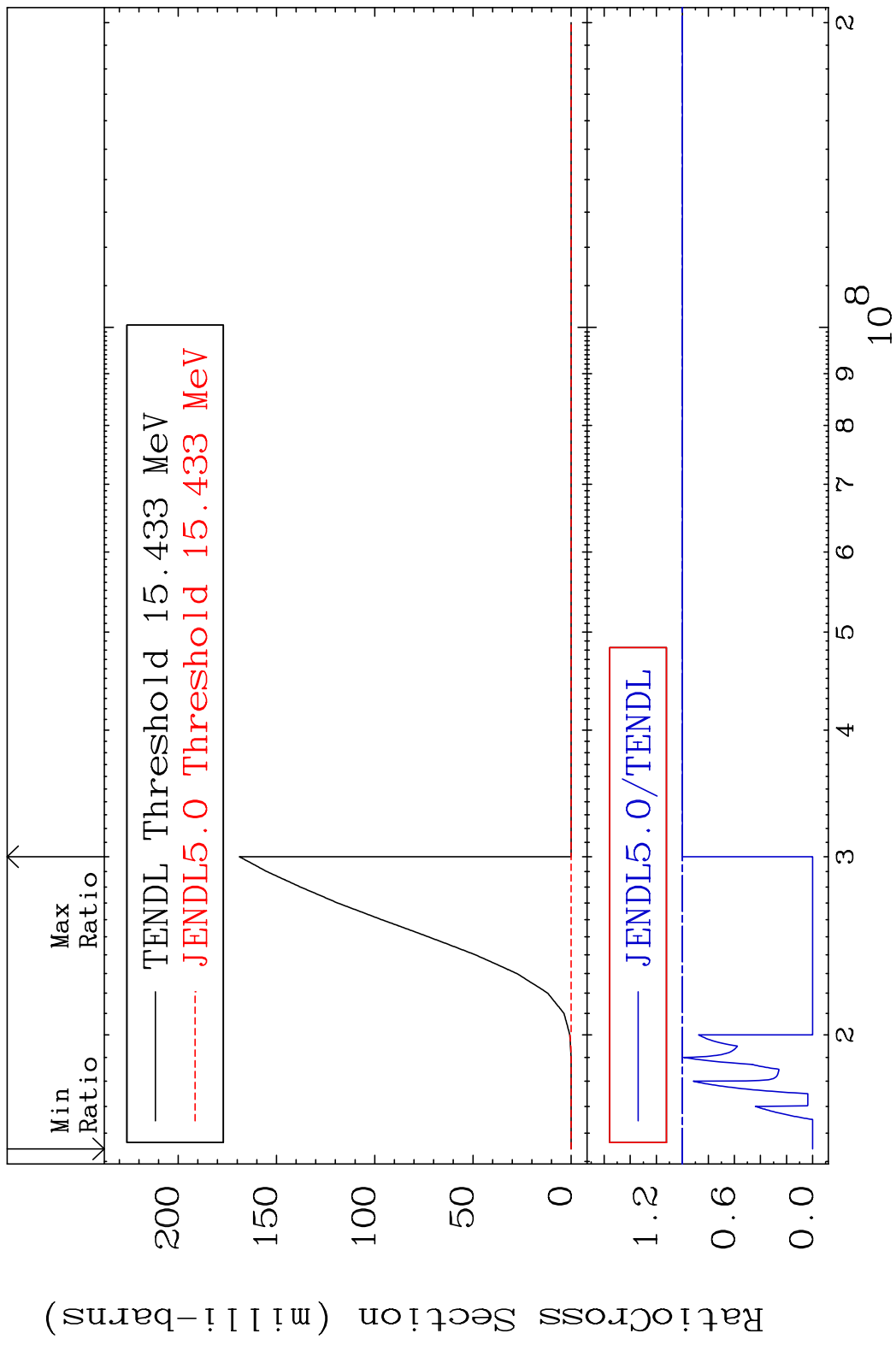
MAT 5028 (n, n') p:49-In-112m1 50-Sn-113
 Radionuclide Production Cross Section 180.00 mb 0.000 %



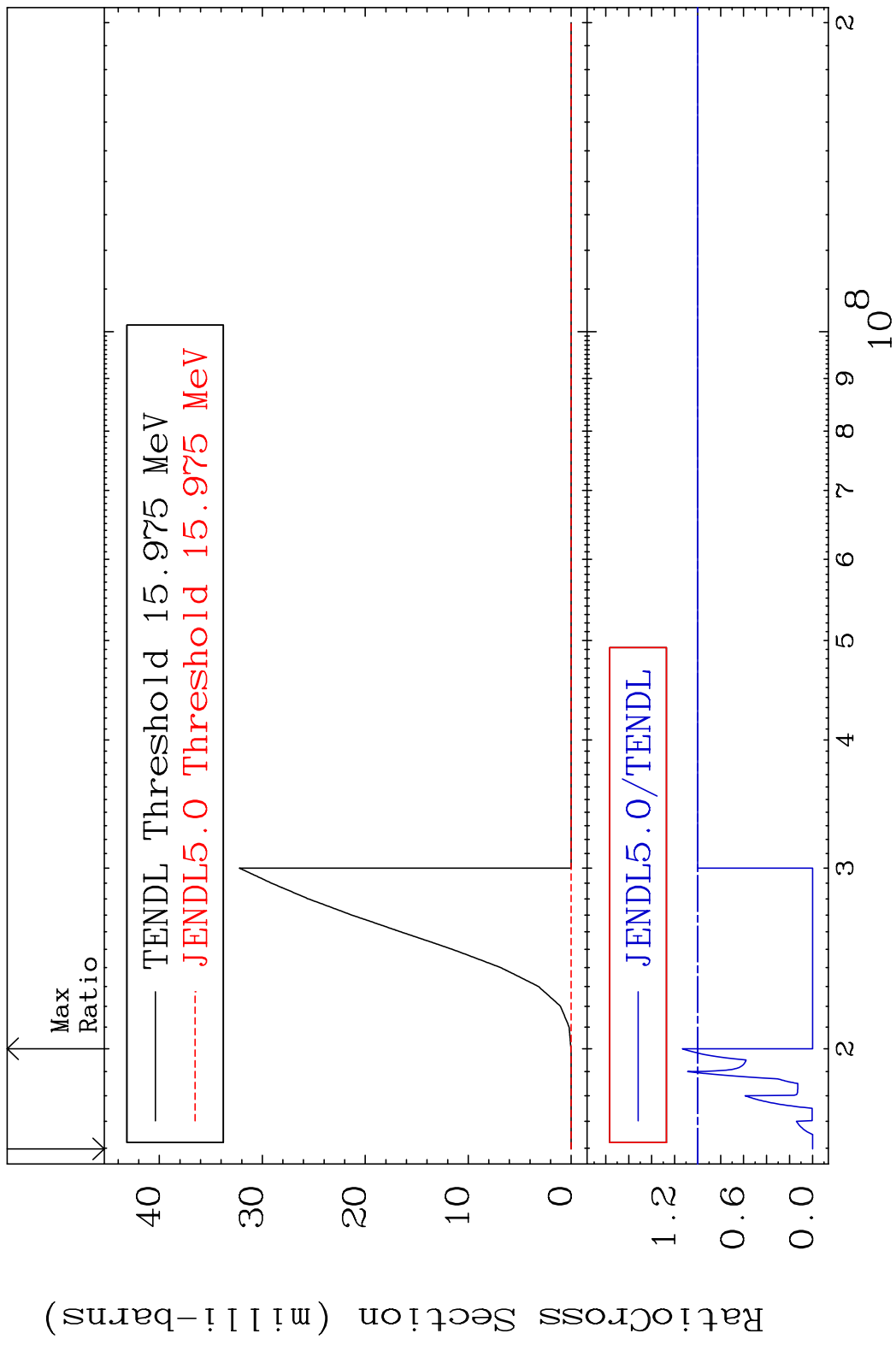
MAT 5028 (n, n') d:49-In-111g 50-Sn-113
 Radionuclide Production Cross Section 180.0 dth 619.3 %



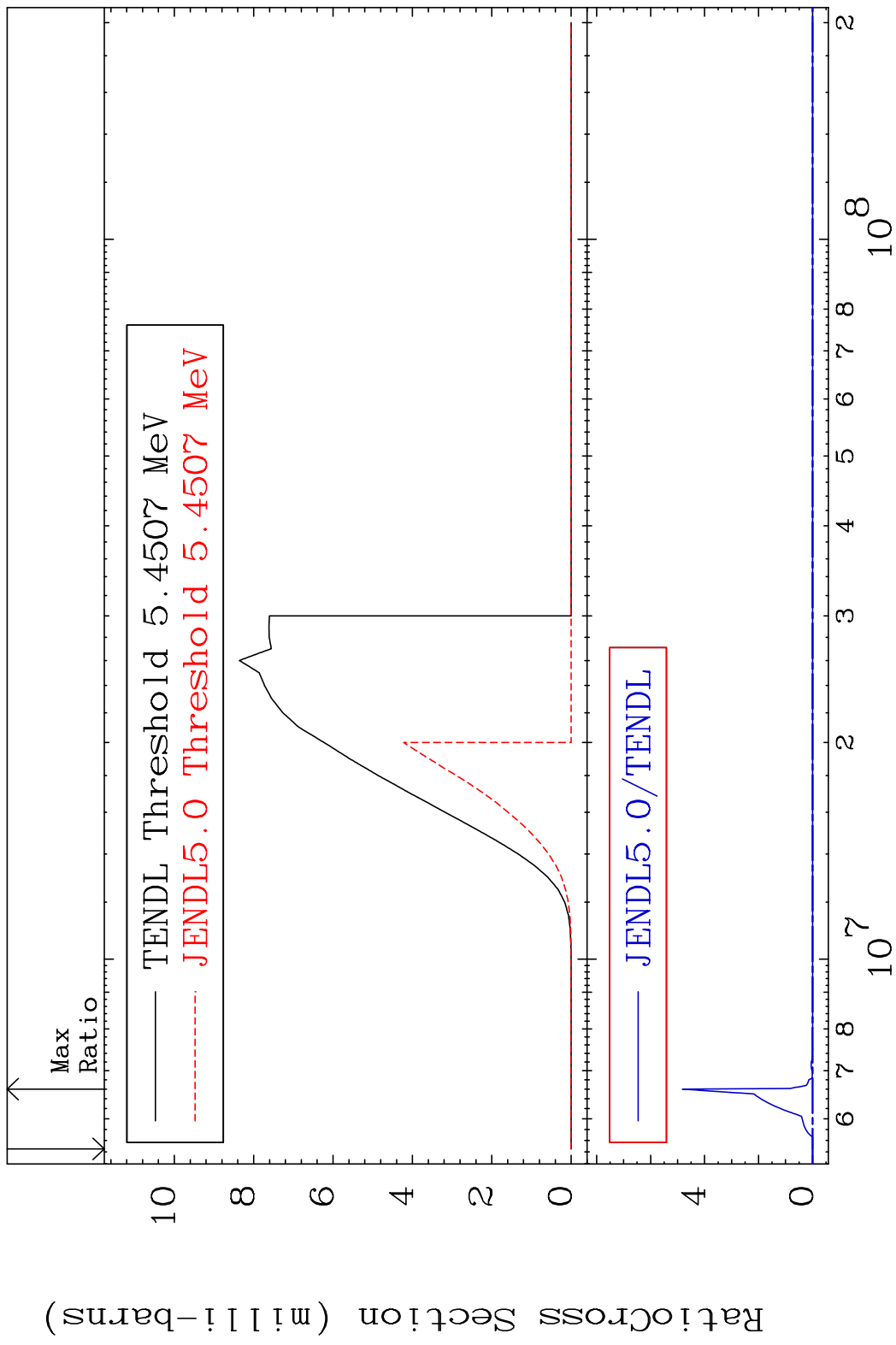




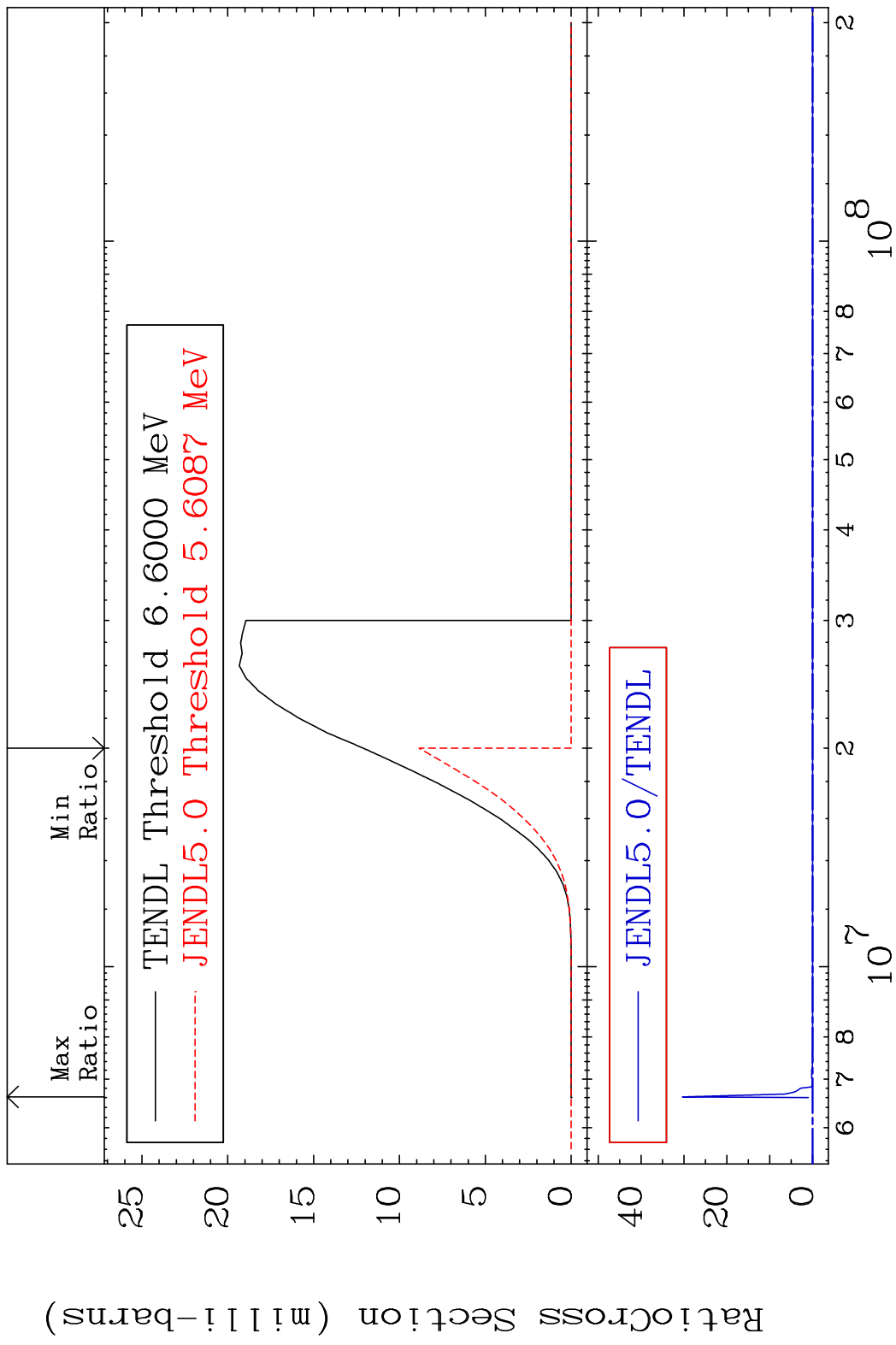
MAT 5028 (n,2n) p:49-In-111m1 50-Sn-113
 Radionuclide Production Cross Section 13.30 %



MAT 5028 (n,d):49-In-112g 50-Sn-113
 Radionuclide Production Cross Section 100.00 to 9999.00 %

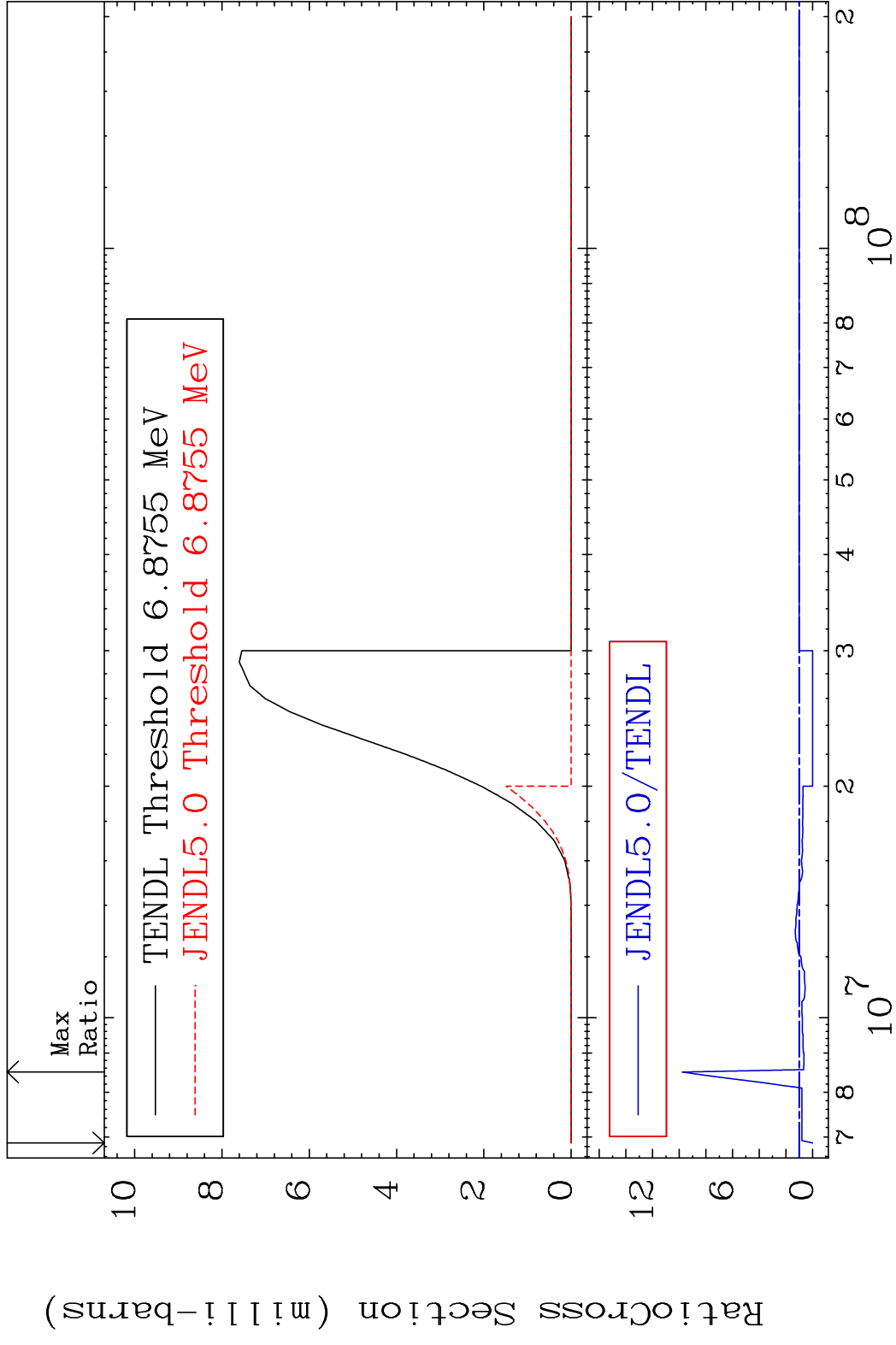


MAT 5028 (n, d): 49-In-112m1 50-Sn-113
 Radionuclide Production Cross Section 100.00 %

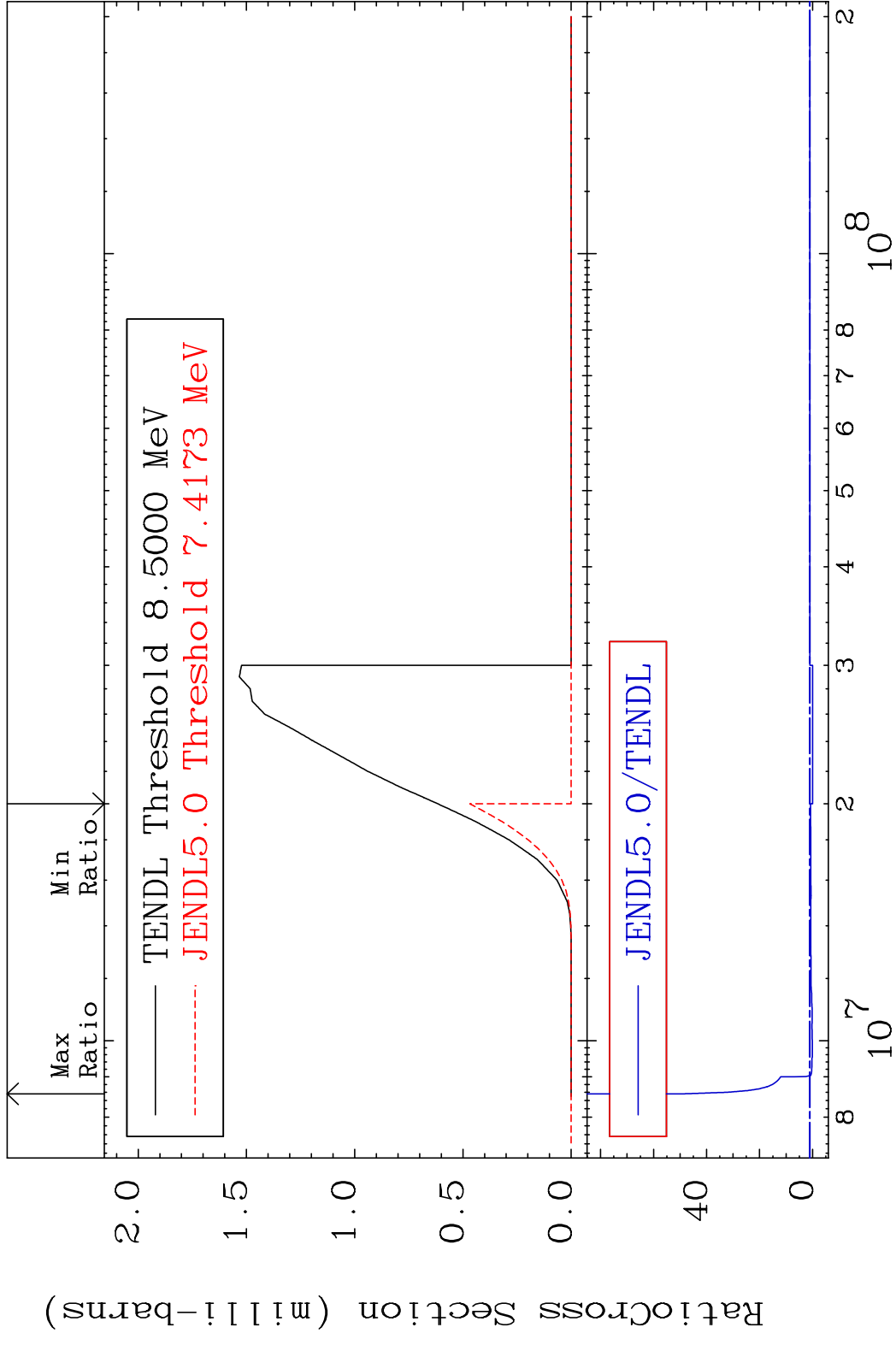


75 Incident Energy (eV) 50-Sn-113

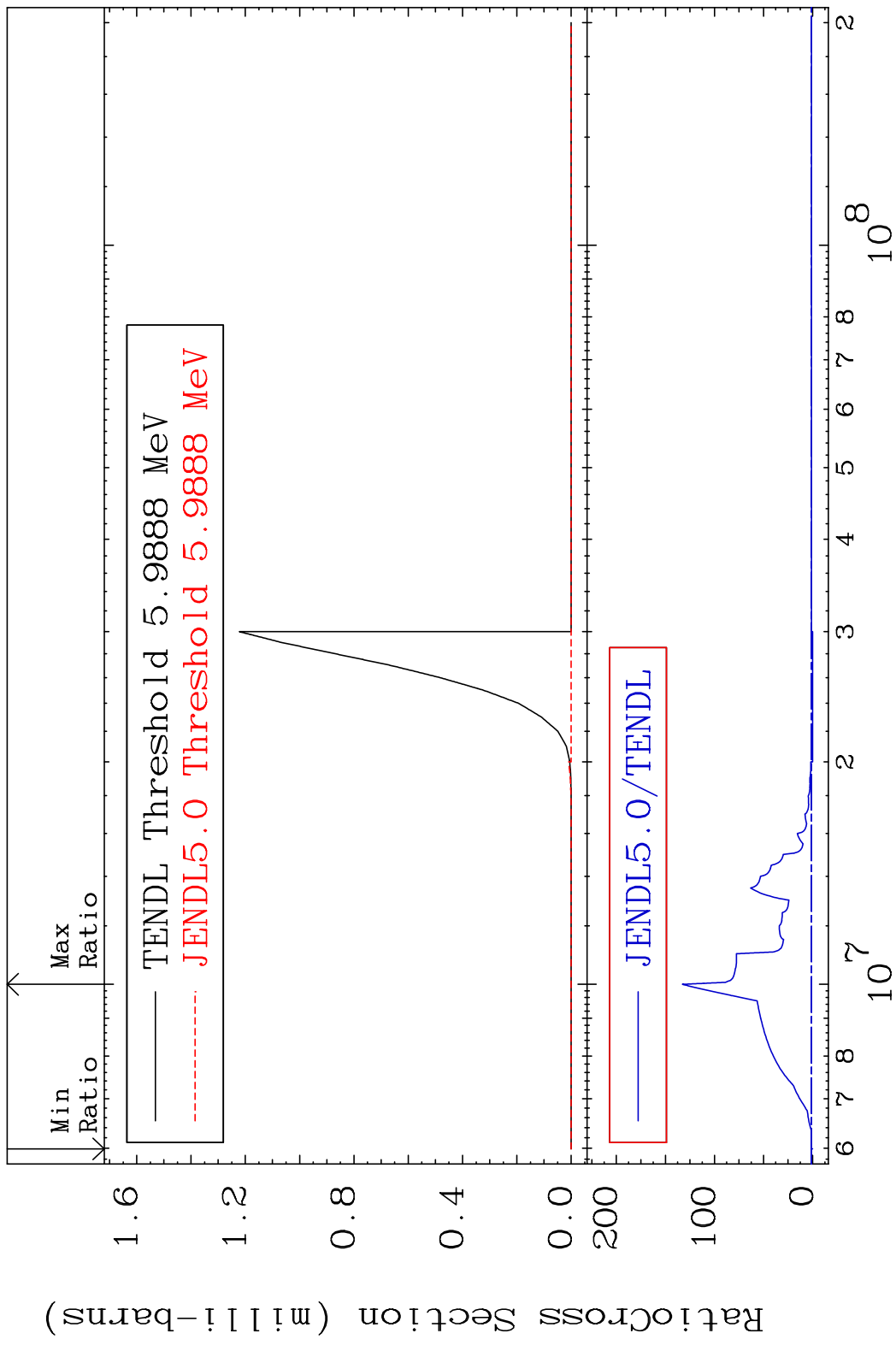
MAT 5028 (n,t):49-In-111g 50-Sn-113
 Radionuclide Production Cross Section 876.7 %



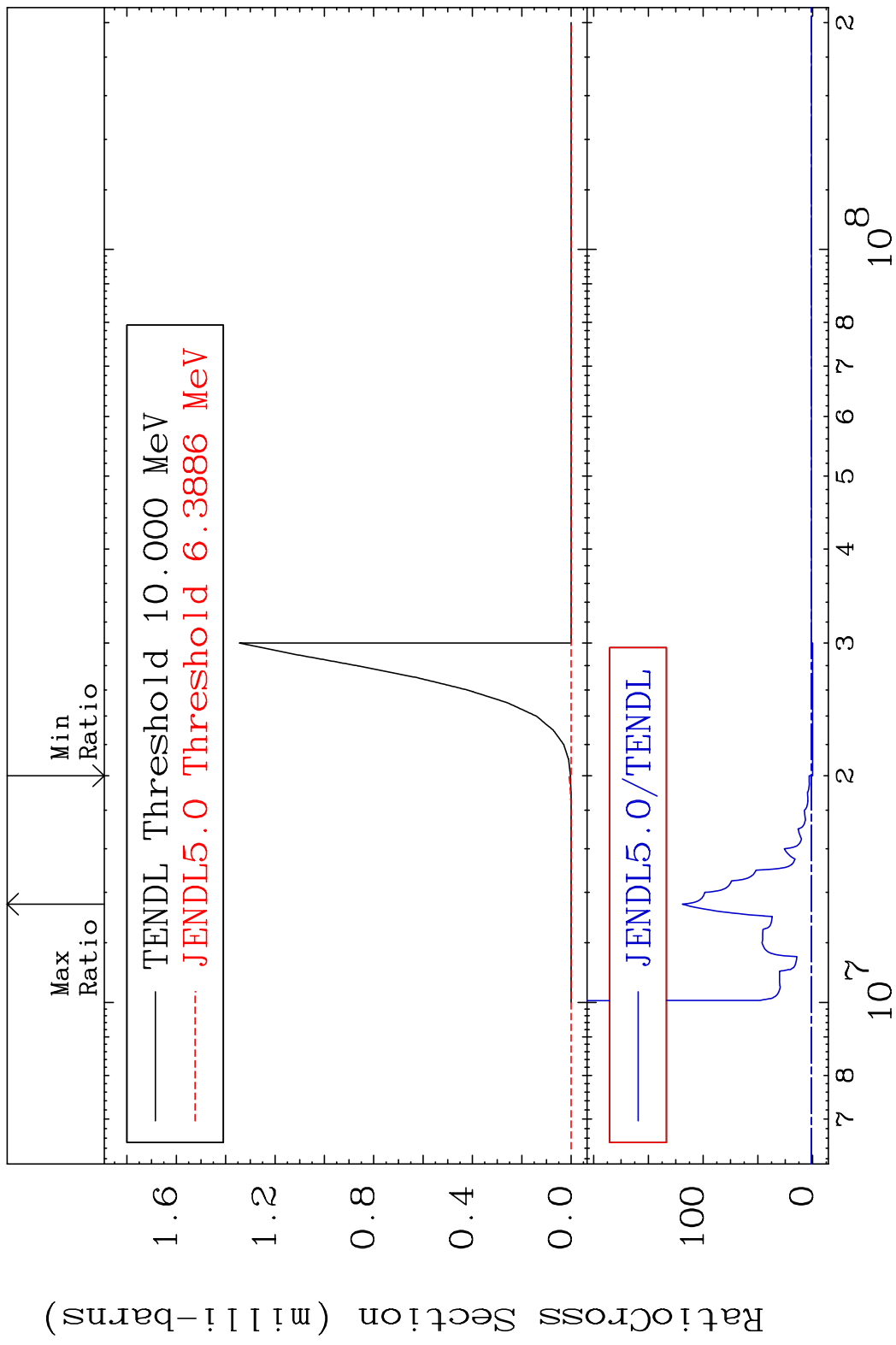
MAT 5028 (n, t): 49-In-111m1 50-Sn-113
 Radionuclide Production Cross Section 4814. %



MAT 5028 (n, He-3):48-Cd-111g 50-Sn-113
 Radionuclide Production Cross Section to 9999. %



MAT 5028 (n, He-3) : 48-Cd-111m3 50-Sn-113
 Radionuclide Production Cross Section to 9999. %



79 Incident Energy (eV) 50-Sn-113

MAT 5028 (n, p) α :47-Ag-109g 50-Sn-113
 Radionuclide Production Cross Section 180.0 dth 878.0 %

