

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

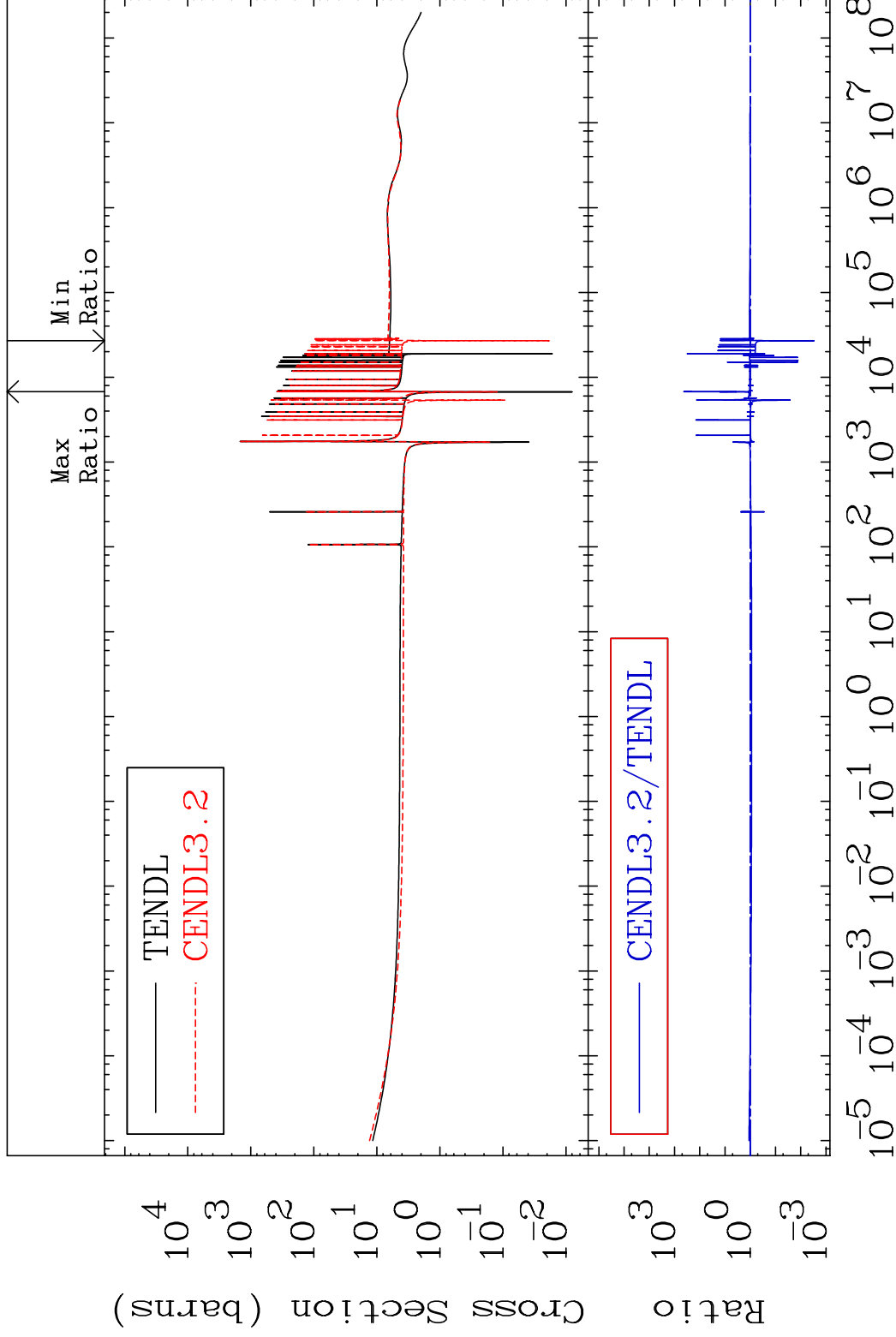
MAT 5055

Total

50-Sn-122

Cross Section

-99.71 To 9999. %



1

Incident Energy (eV)

50-Sn-122

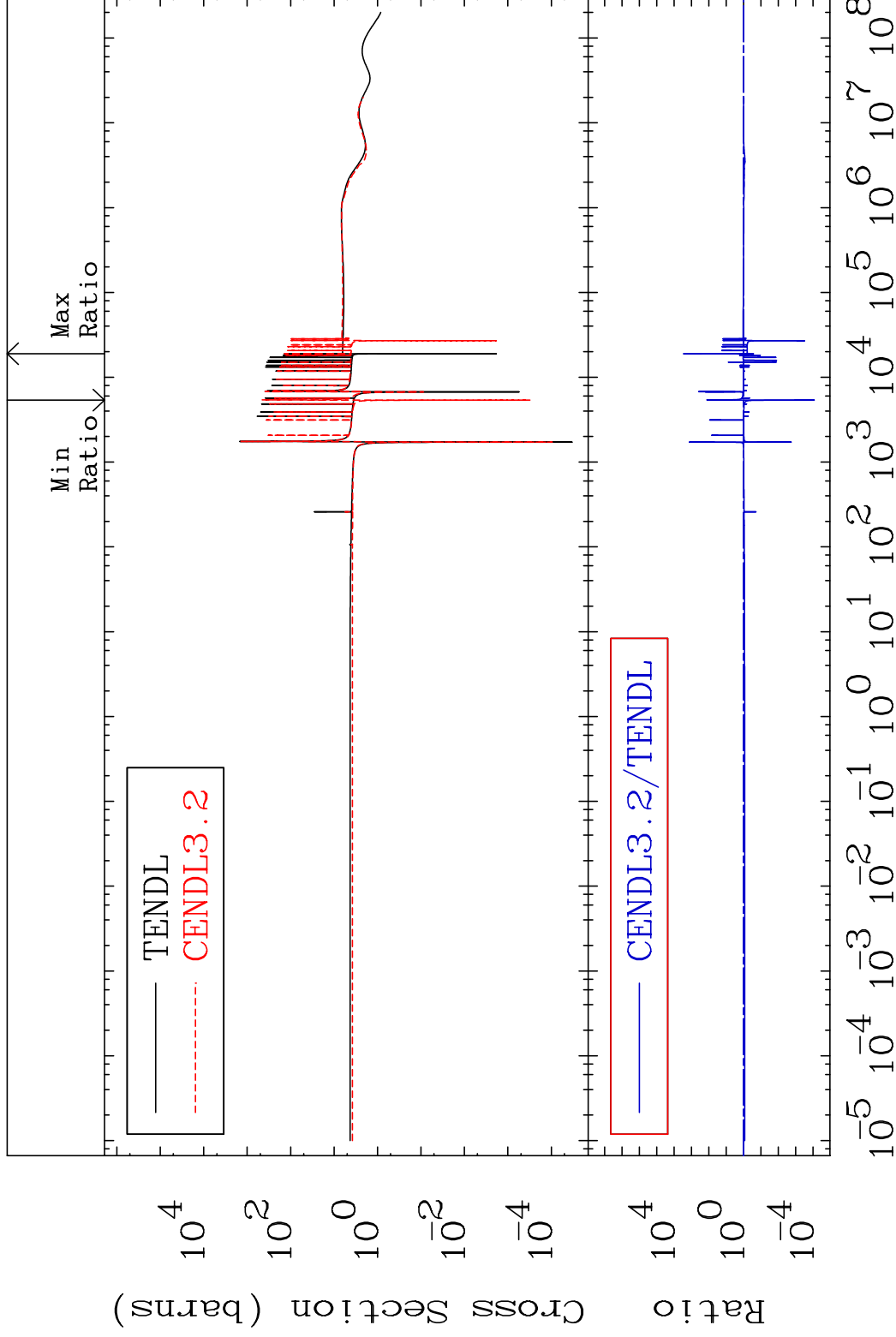
MAT 5055

Elastic

50-Sn-122

Cross Section

-99.99 To 9999. %

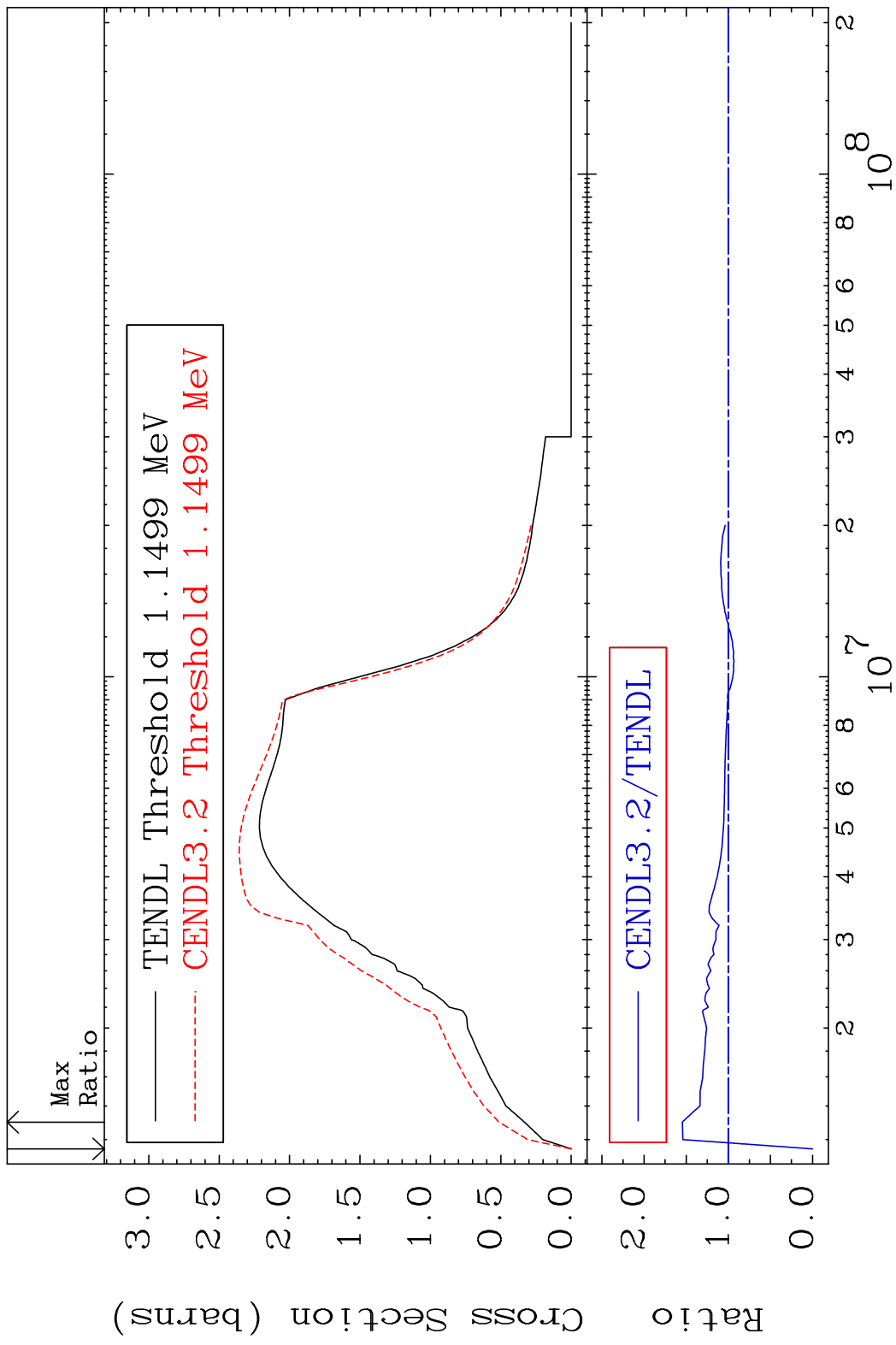


2

Incident Energy (eV)

50-Sn-122

MAT 5055 Inelastic 50-Sn-122
 Cross Section -100.0 To 54.53 %

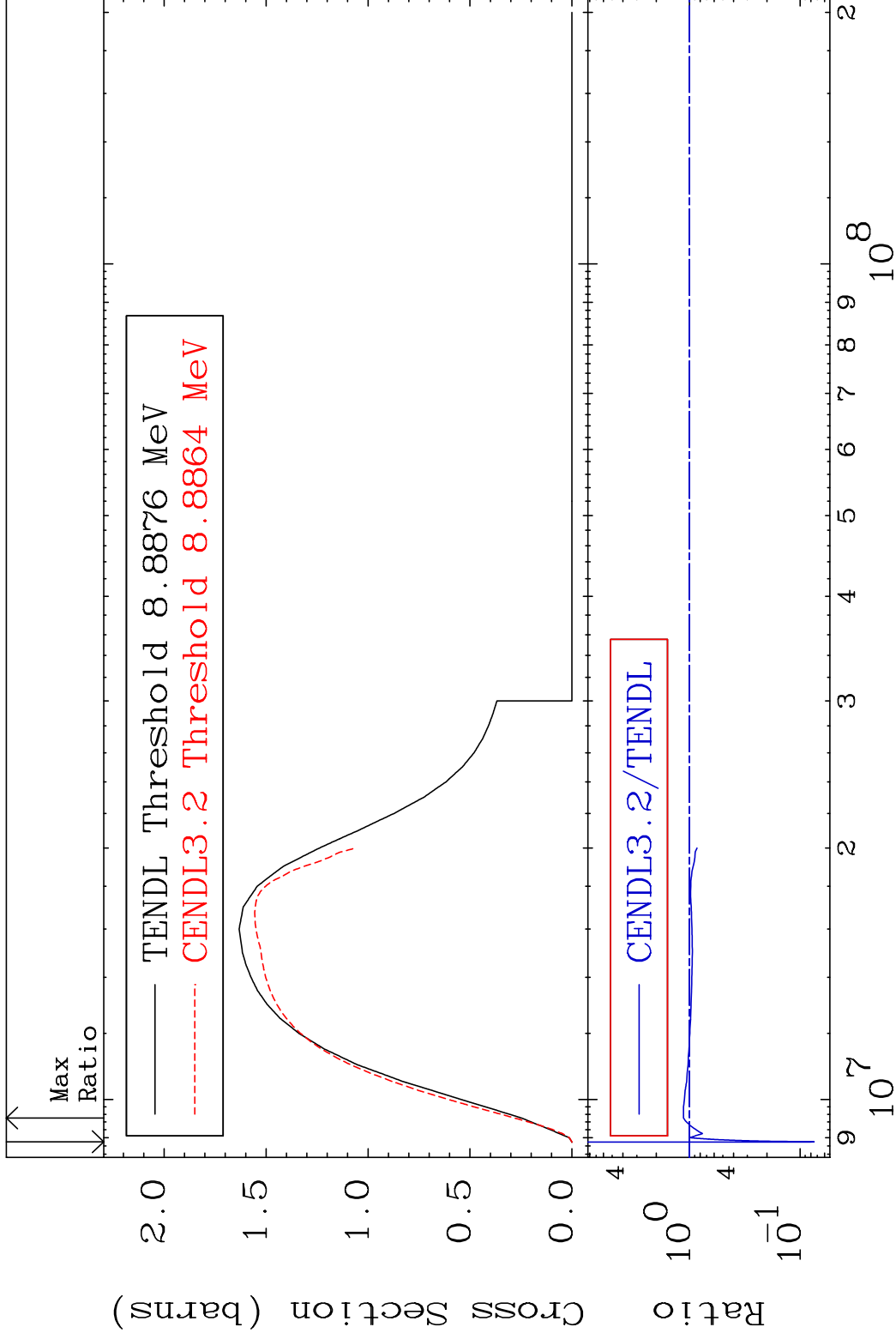


MAT 5055

(n,2n)

50-Sn-122

Cross Section -92.51 To 13.48 %

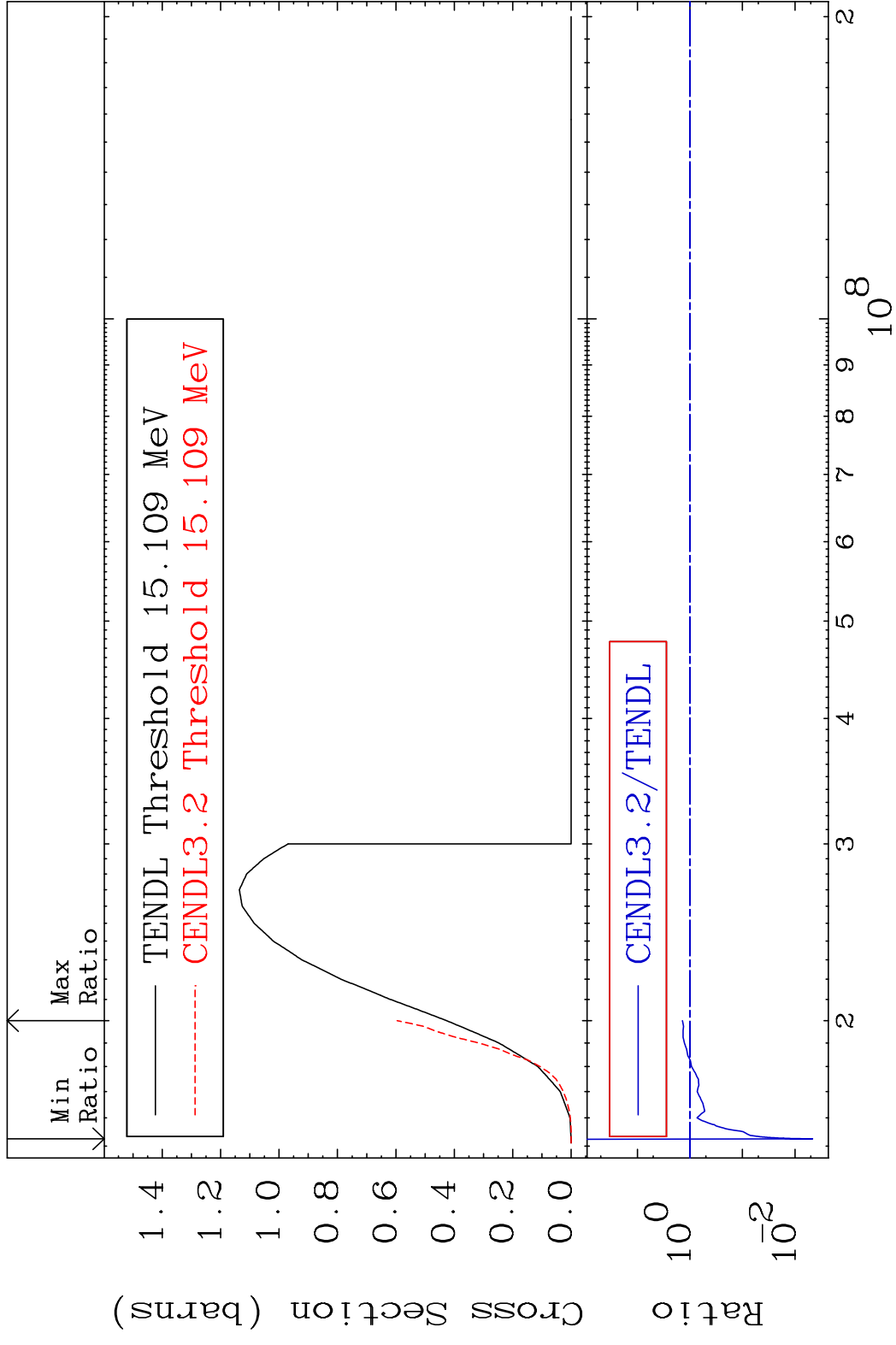


4

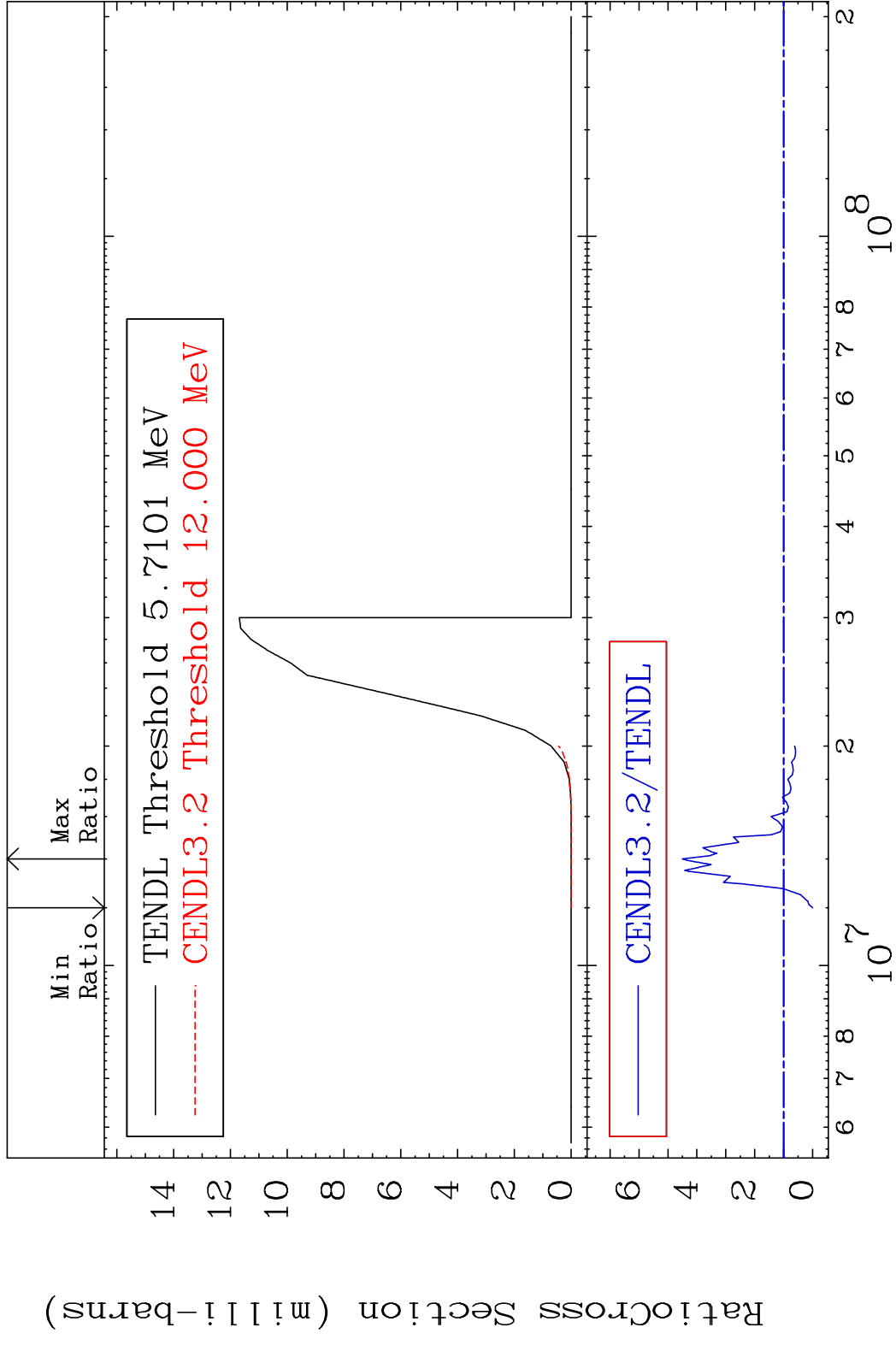
Incident Energy (eV)

50-Sn-122

MAT 5055 (n,3n) 50-Sn-122
 Cross Section -99.54 To 39.66 %



MAT 5055 (n, n') α 50-Sn-122
 Cross Section -100.0 To 350.1 %

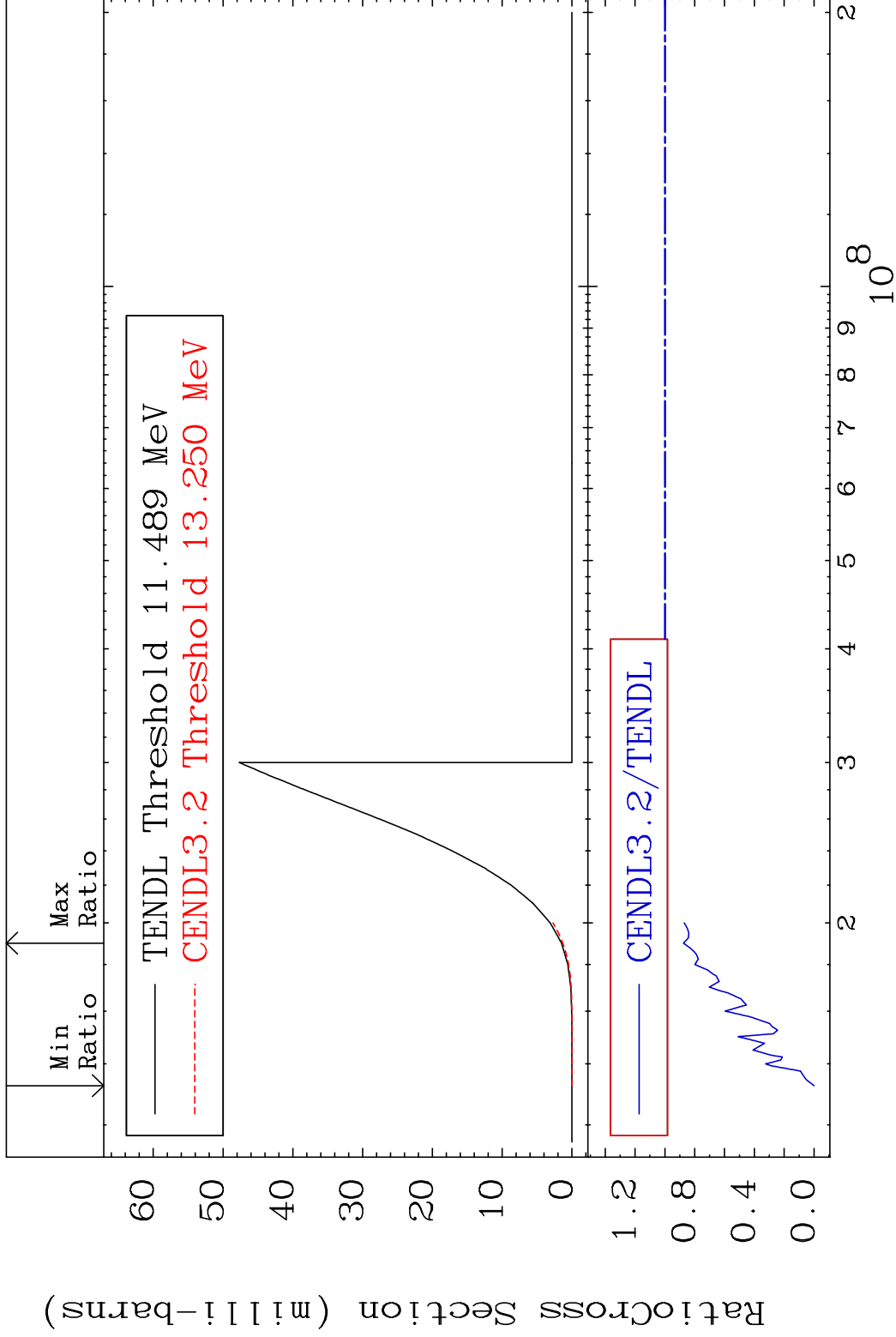


MAT 5055

(n, n') p

50-Sn-122

Cross Section -100.0 To -12.45%

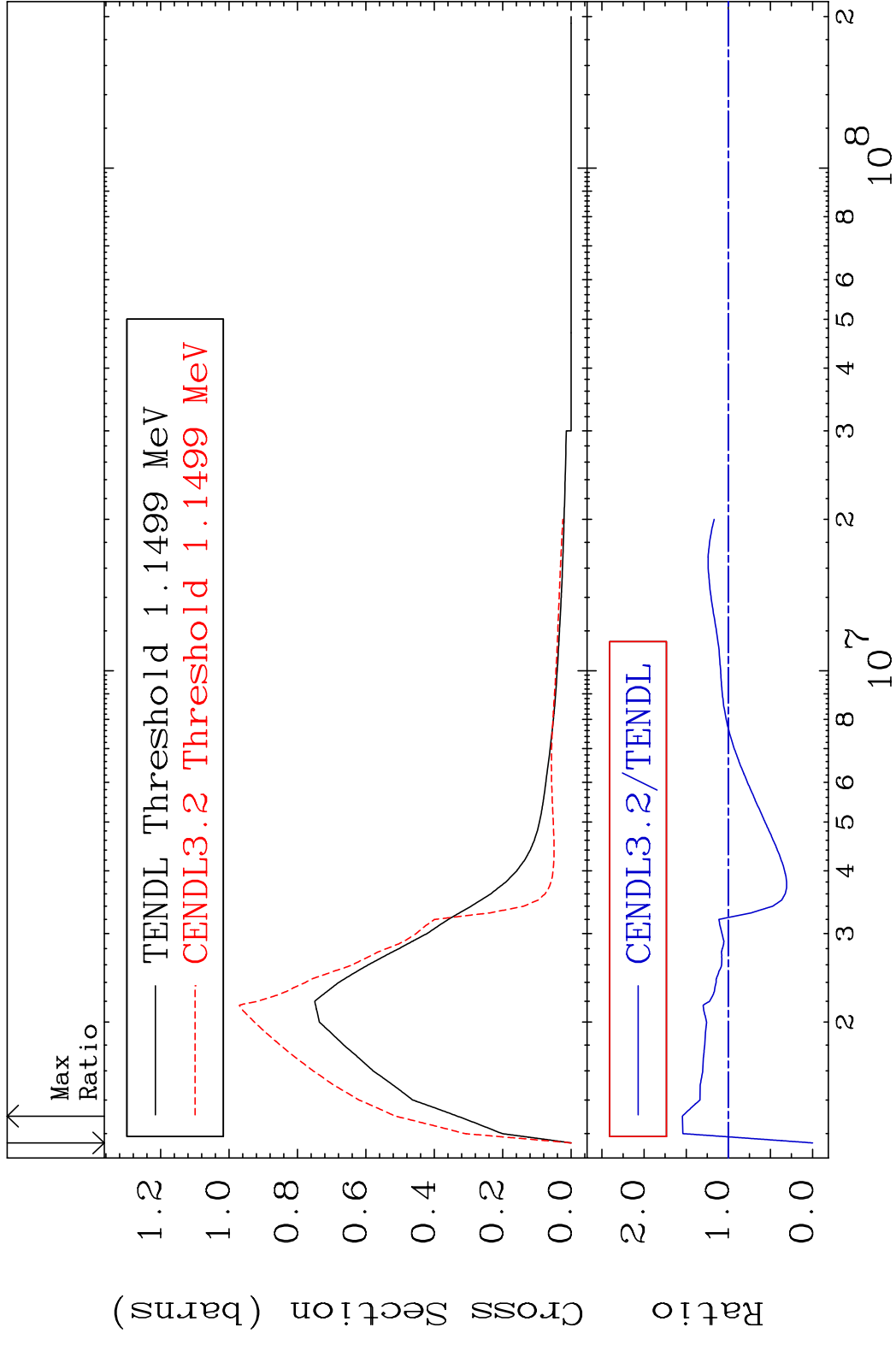


7

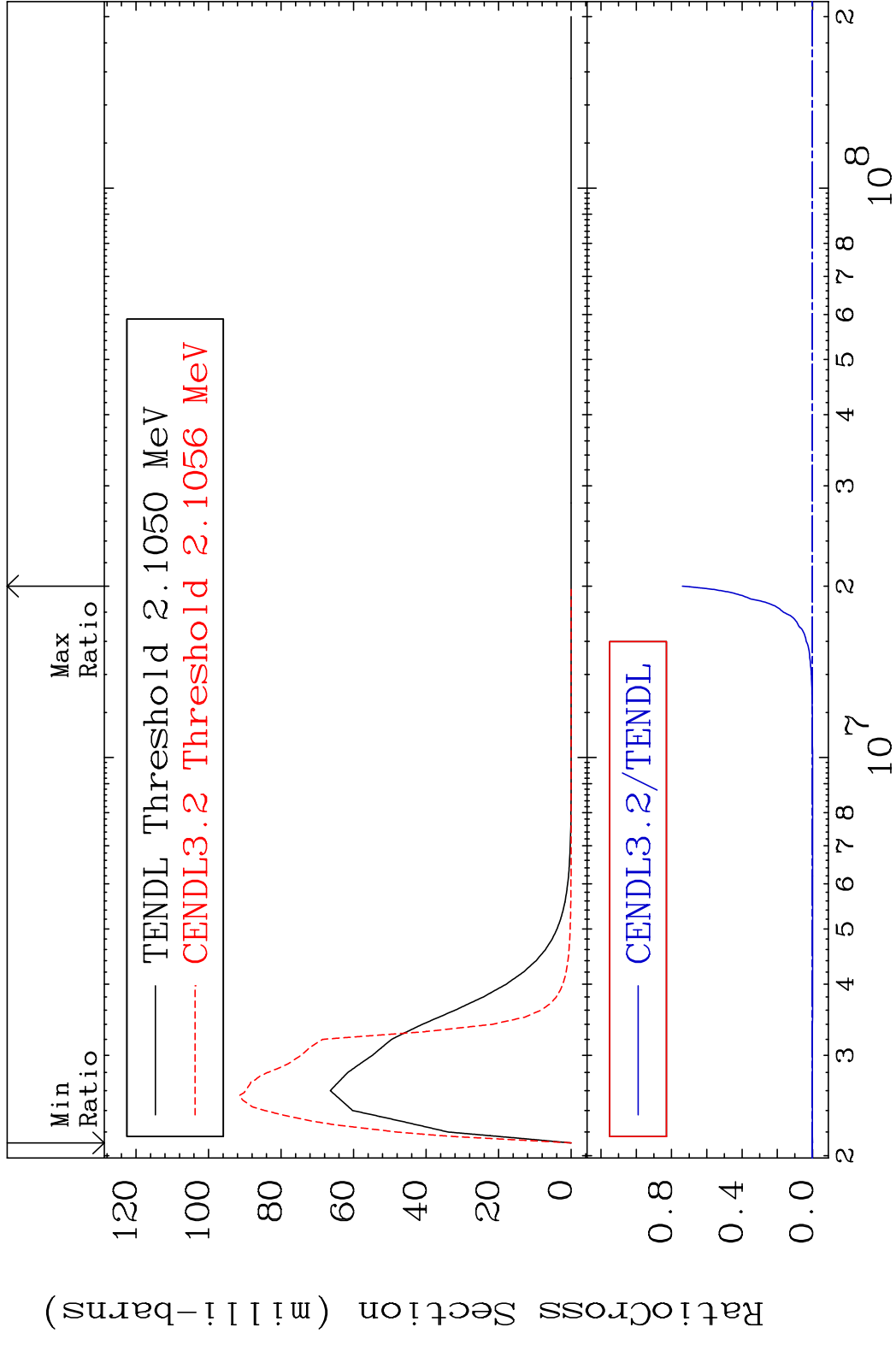
Incident Energy (eV)

50-Sn-122

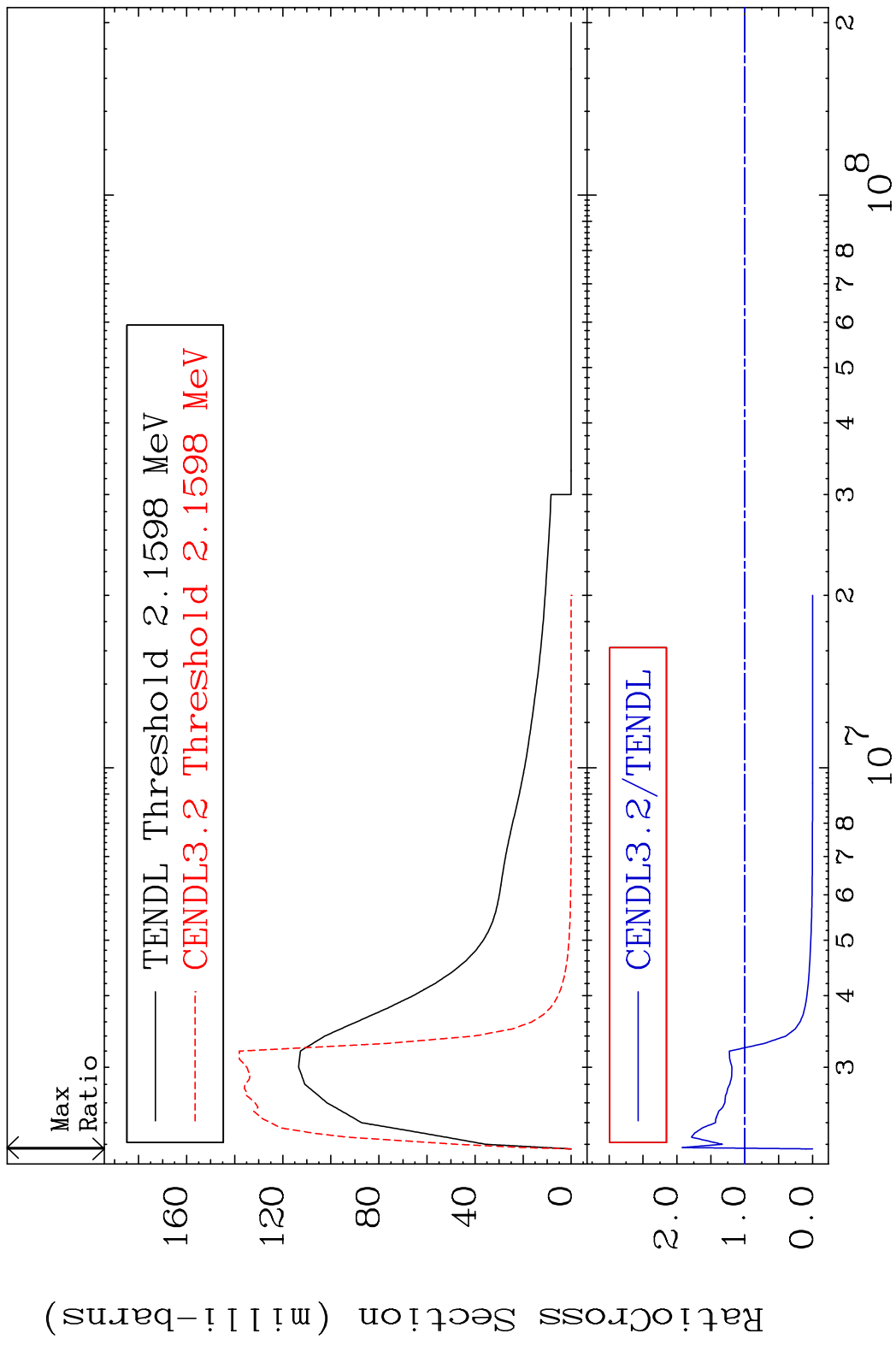
MAT 5055 MT= 51 (n, n') Level 50-Sn-122
 Cross Section -100.0 To 54.53 %



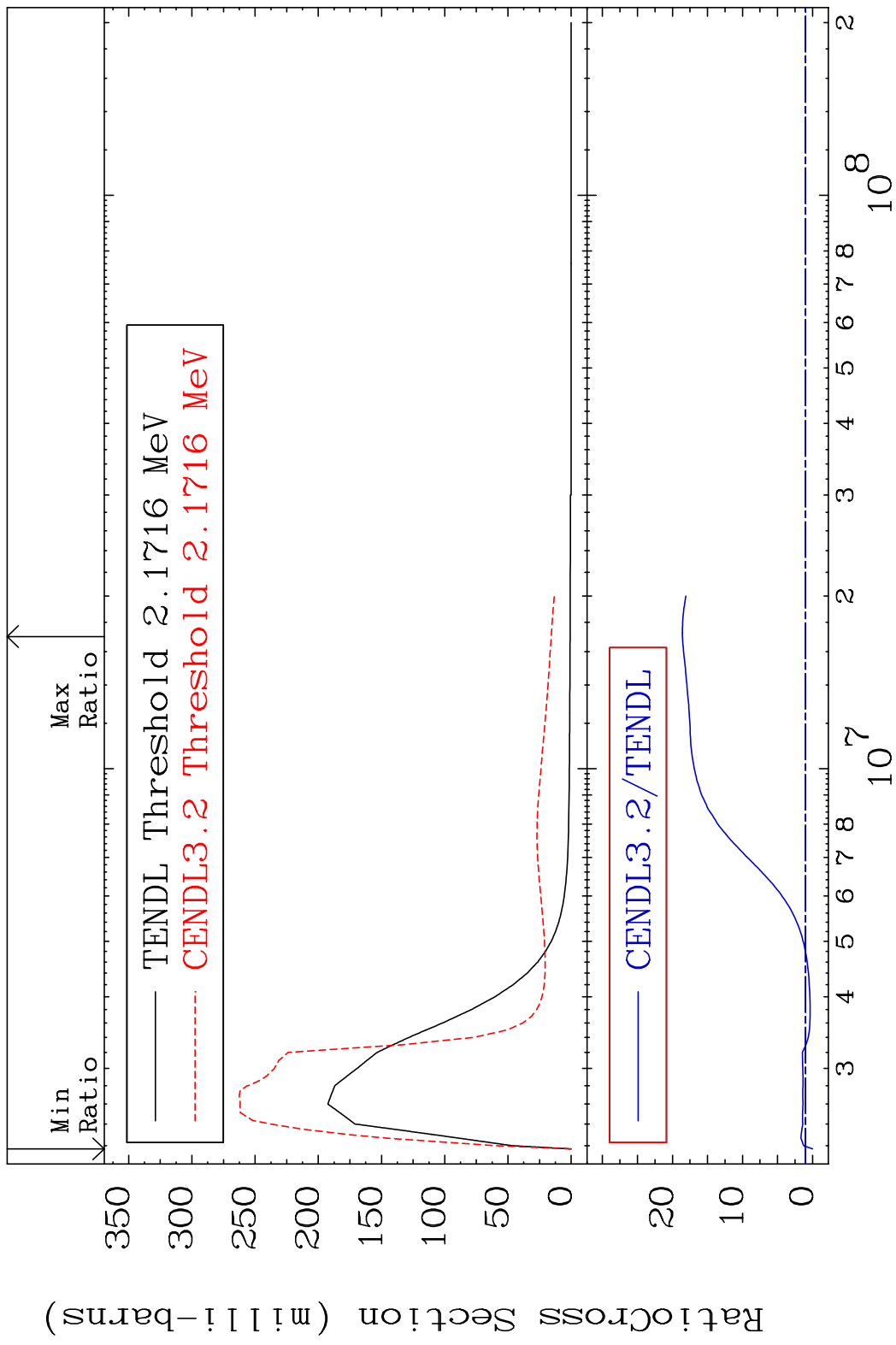
MAT 5055 MT= 52 (n, n') Level 50-Sn-122
 Cross Section -100.0 To 9999. %



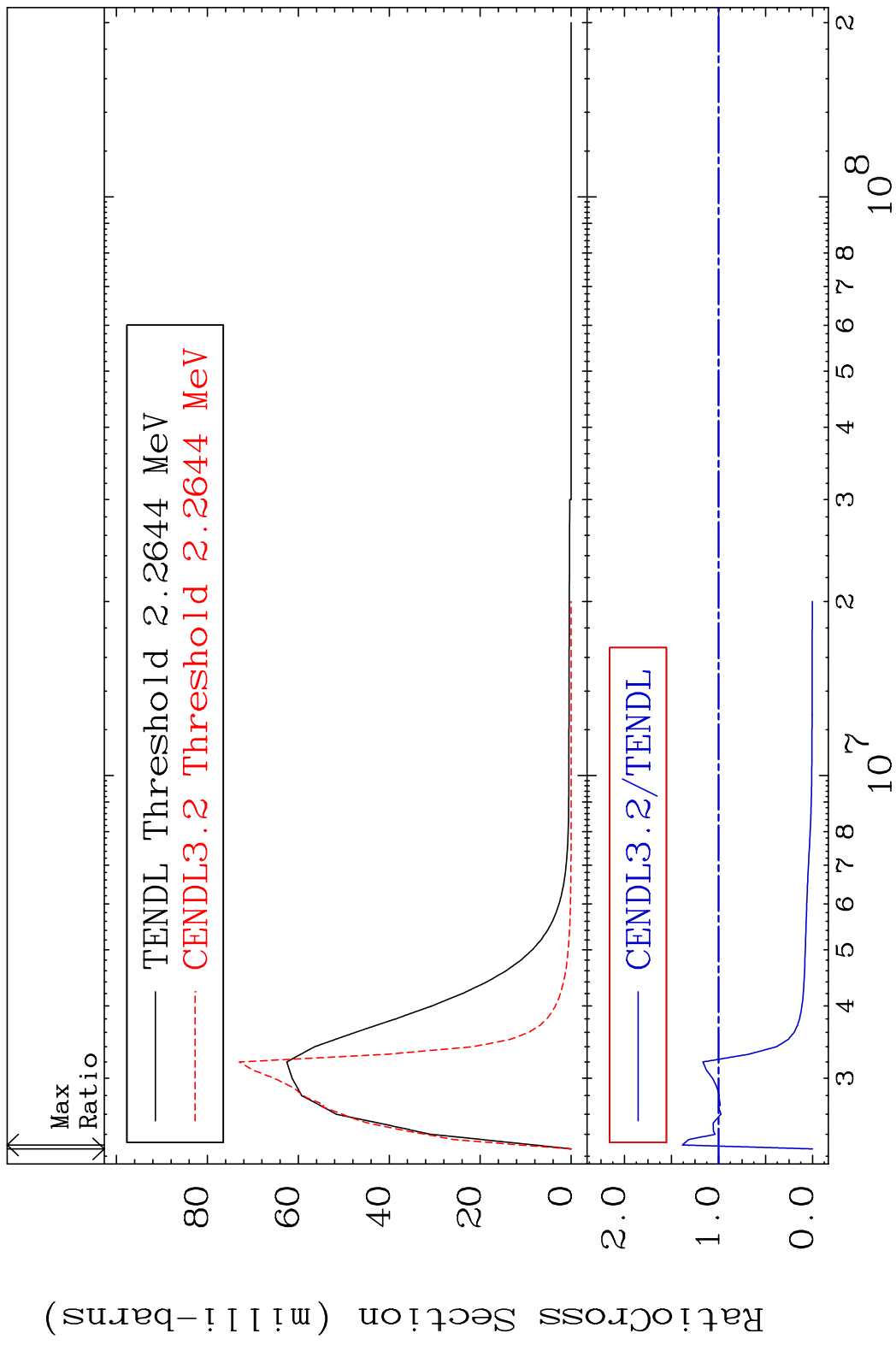
MAT 5055 MT= 53 (n,n') Level 50-Sn-122
 Cross Section -100.0 To 92.00 %



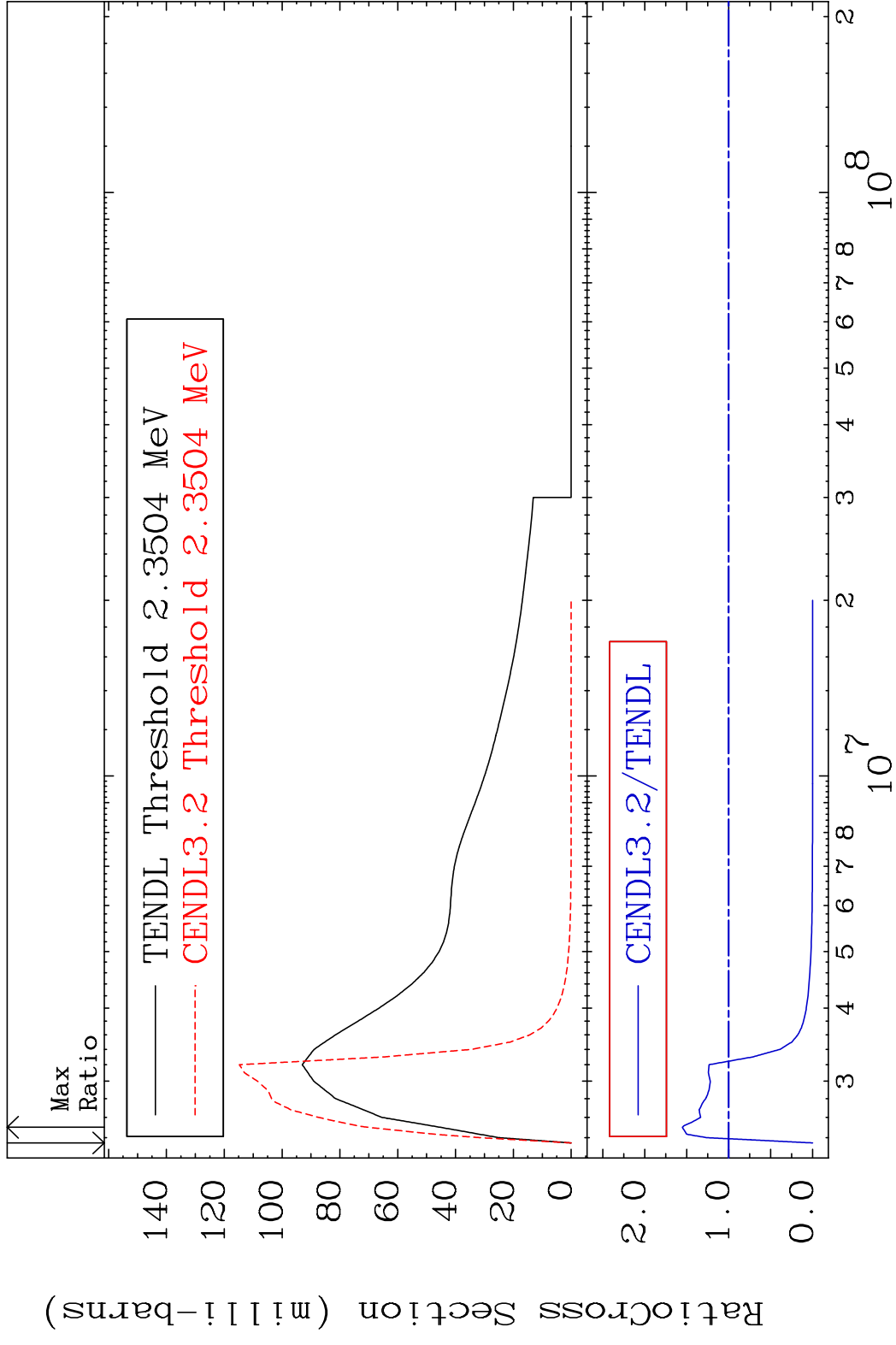
MAT 5055 MT= 54 (n, n') Level 50-Sn-122
 Cross Section -100.0 To 1759. %



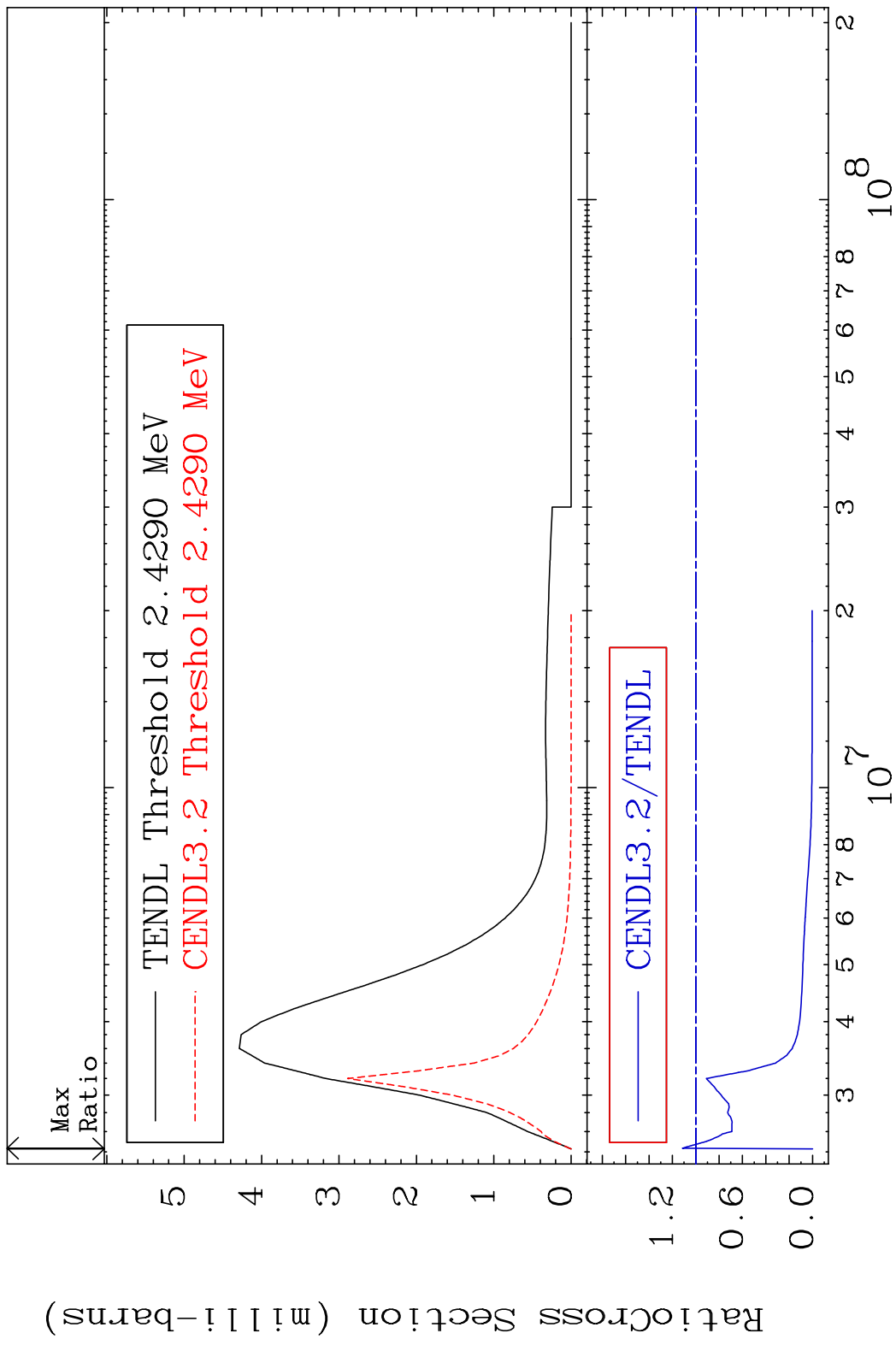
MAT 5055 MT= 55 (n,n') Level 50-Sn-122
 Cross Section -100.0 To 38.49 %



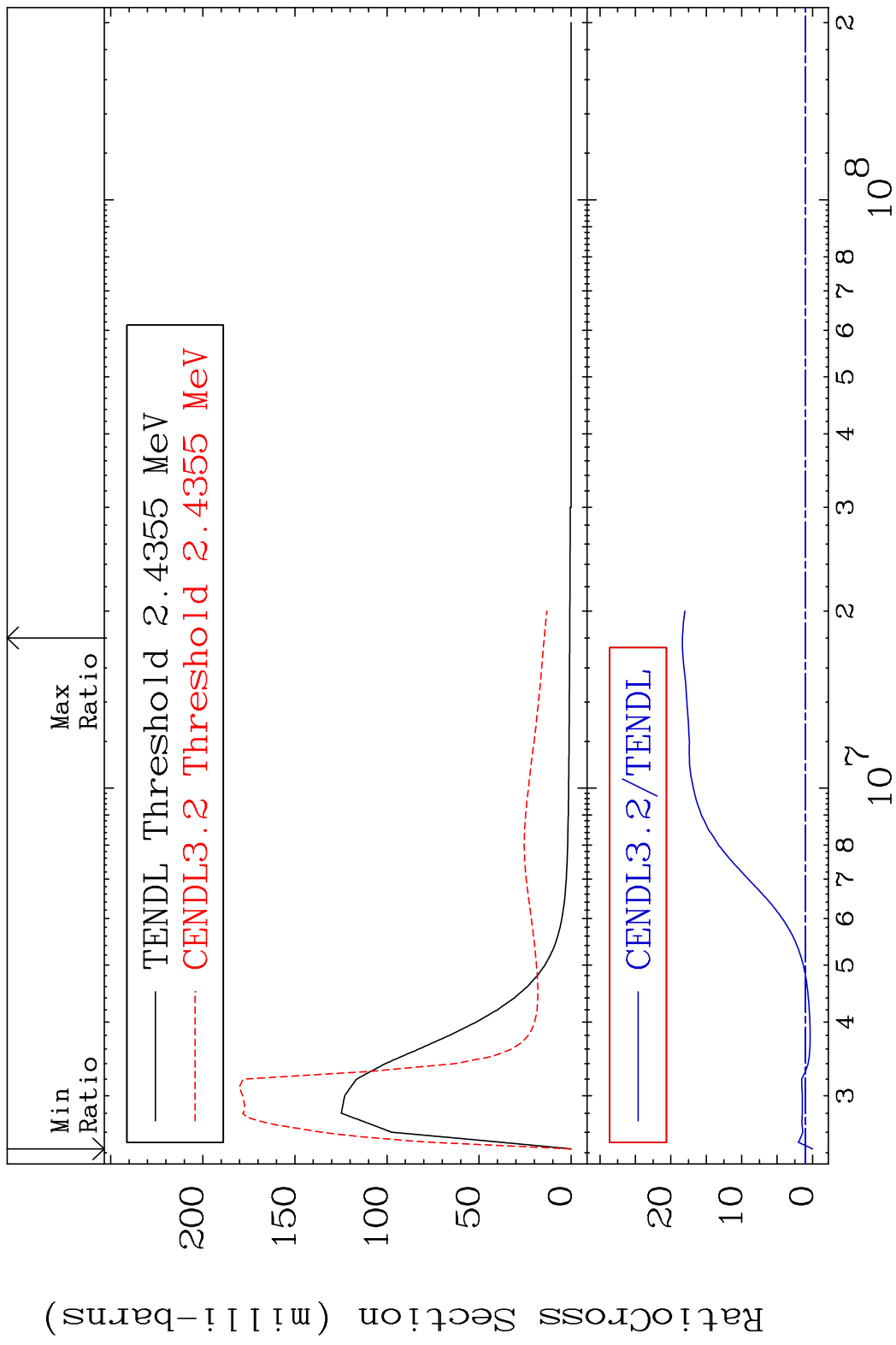
MAT 5055 MT= 56 (n,n') Level 50-Sn-122
 Cross Section -100.0 To 55.10 %



MAT 5055 MT= 57 (n,n') Level 50-Sn-122
 Cross Section -100.0 To 11.48 %

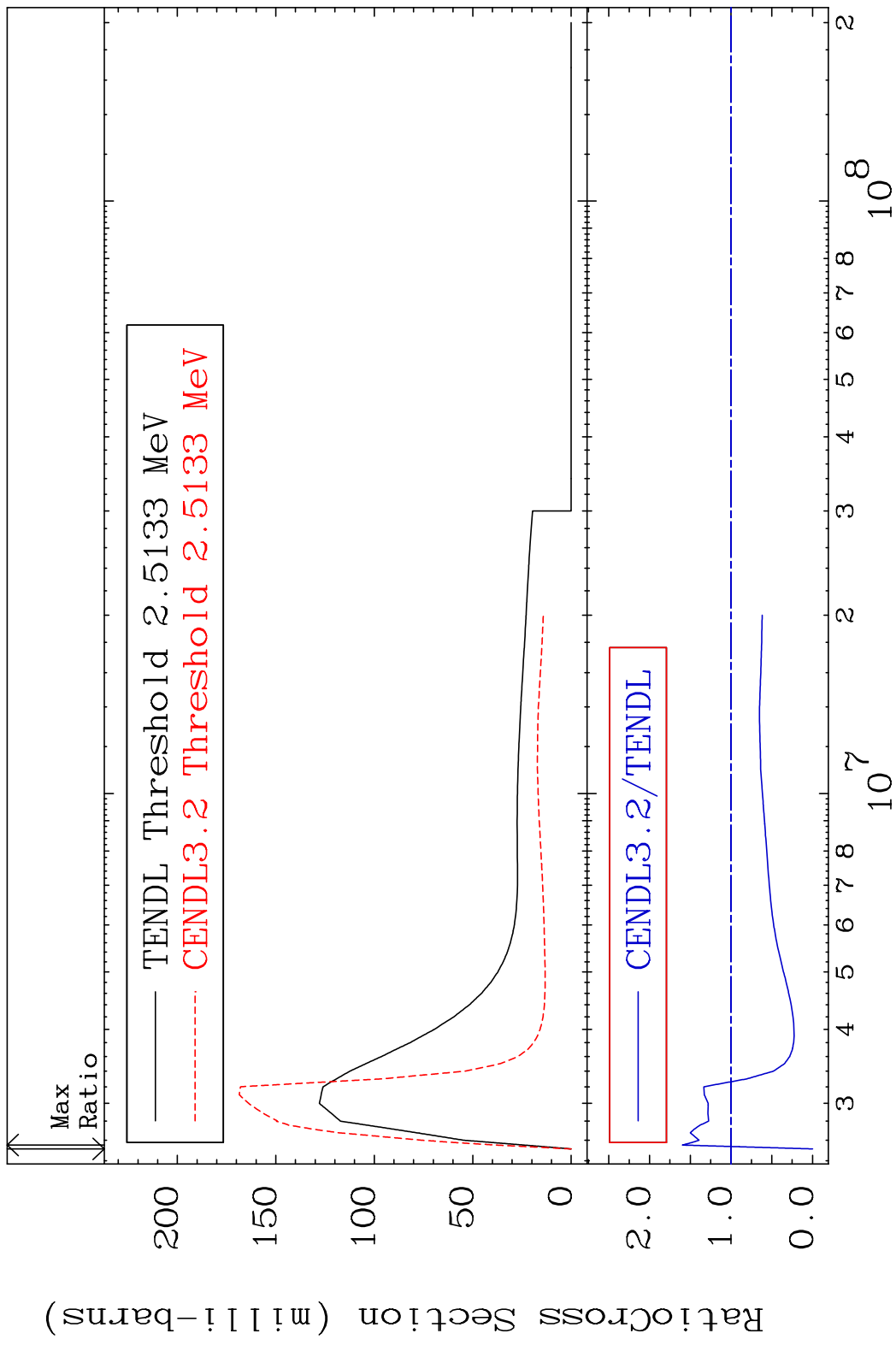


MAT 5055 MT= 58 (n, n') Level 50-Sn-122
 Cross Section -100.0 To 1738. %

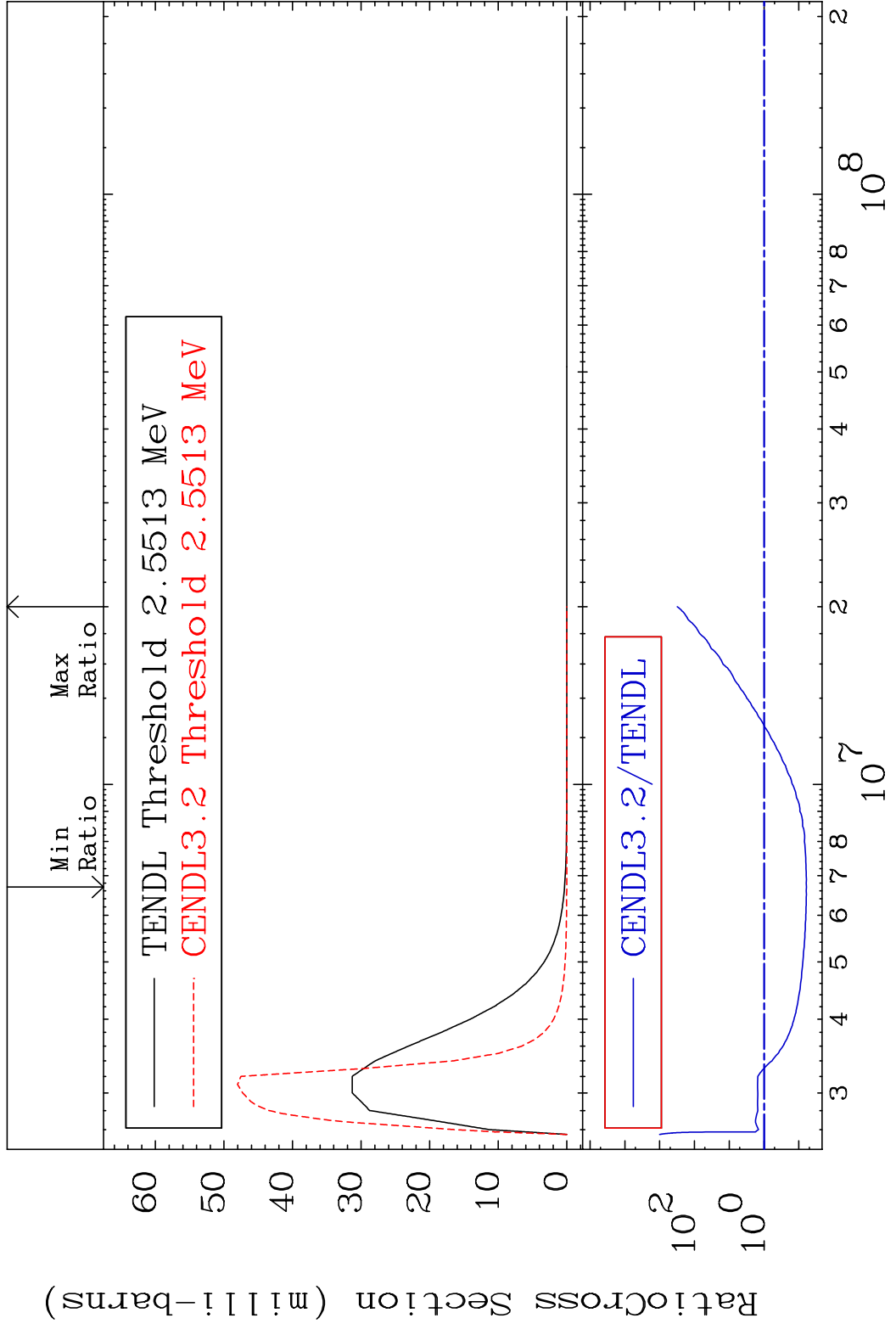


15 Incident Energy (eV) 50-Sn-122

MAT 5055 MT= 59 (n, n') Level 50-Sn-122
 Cross Section -100.0 To 59.76 %

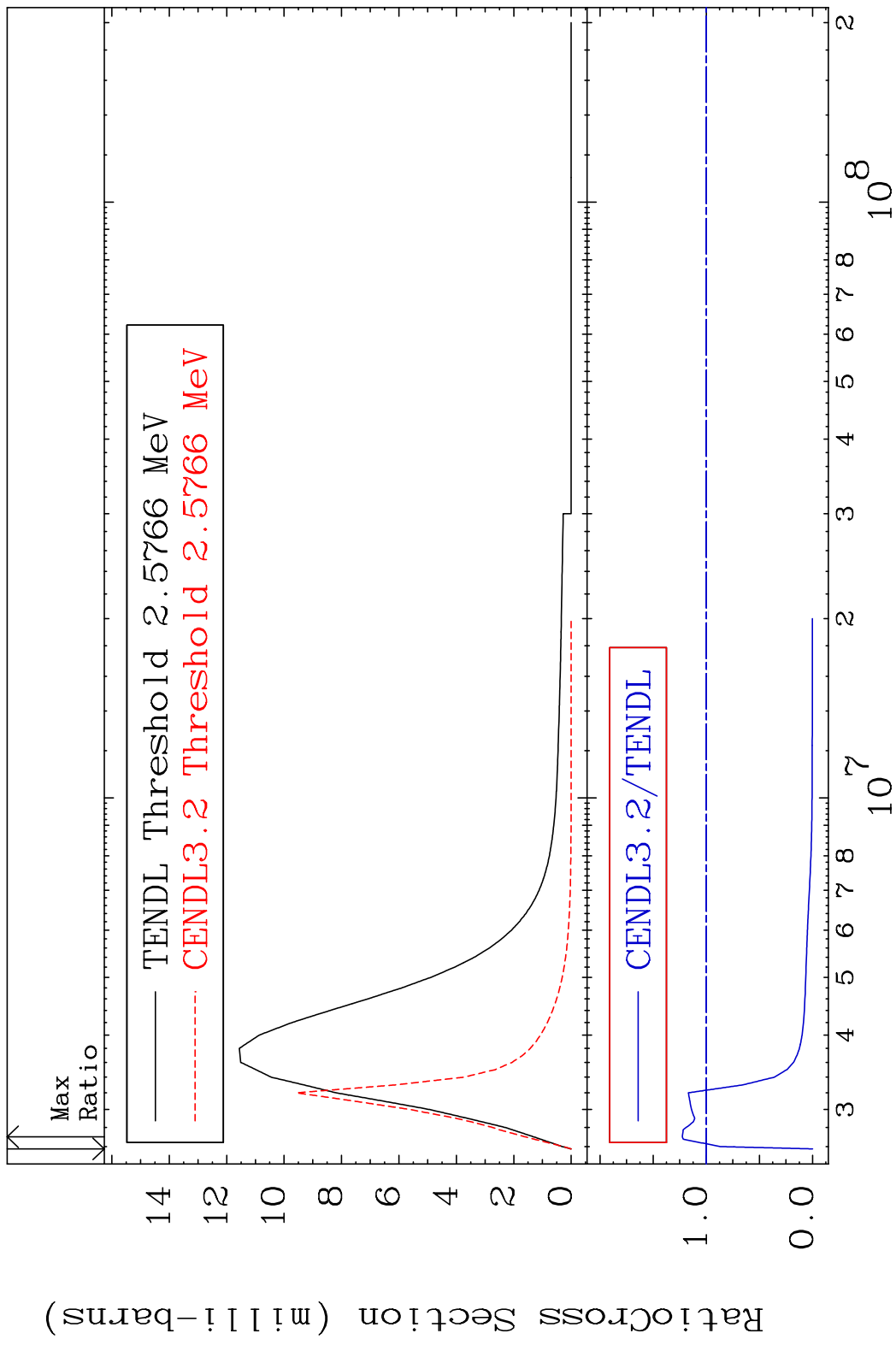


MAT 5055 MT= 60 (n, n') Level 50-Sn-122
 Cross Section -93.94 To 9999. %

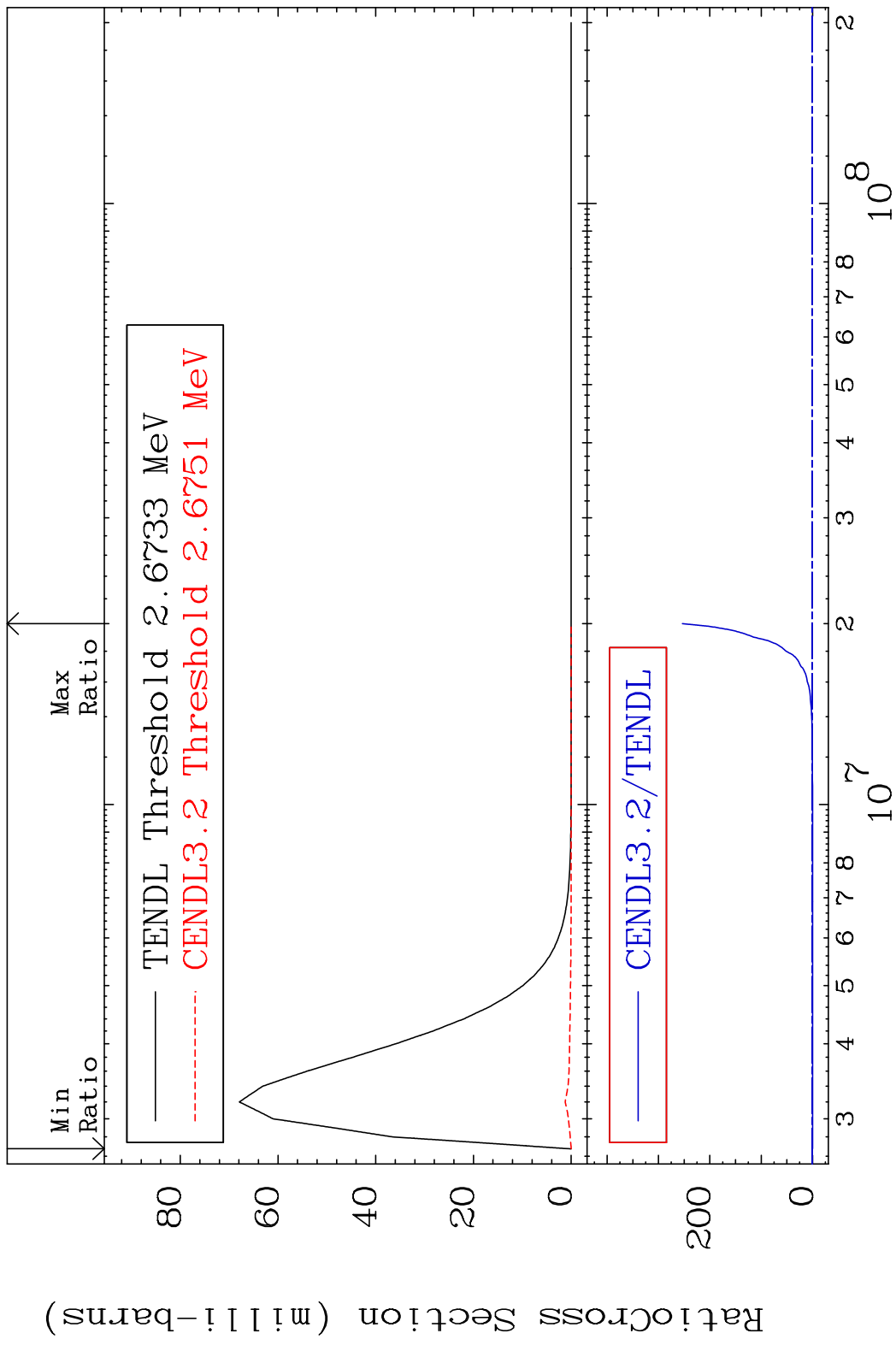


17 Incident Energy (eV) 50-Sn-122

MAT 5055 MT= 61 (n, n') Level 50-Sn-122
 Cross Section -100.0 To 22.54 %

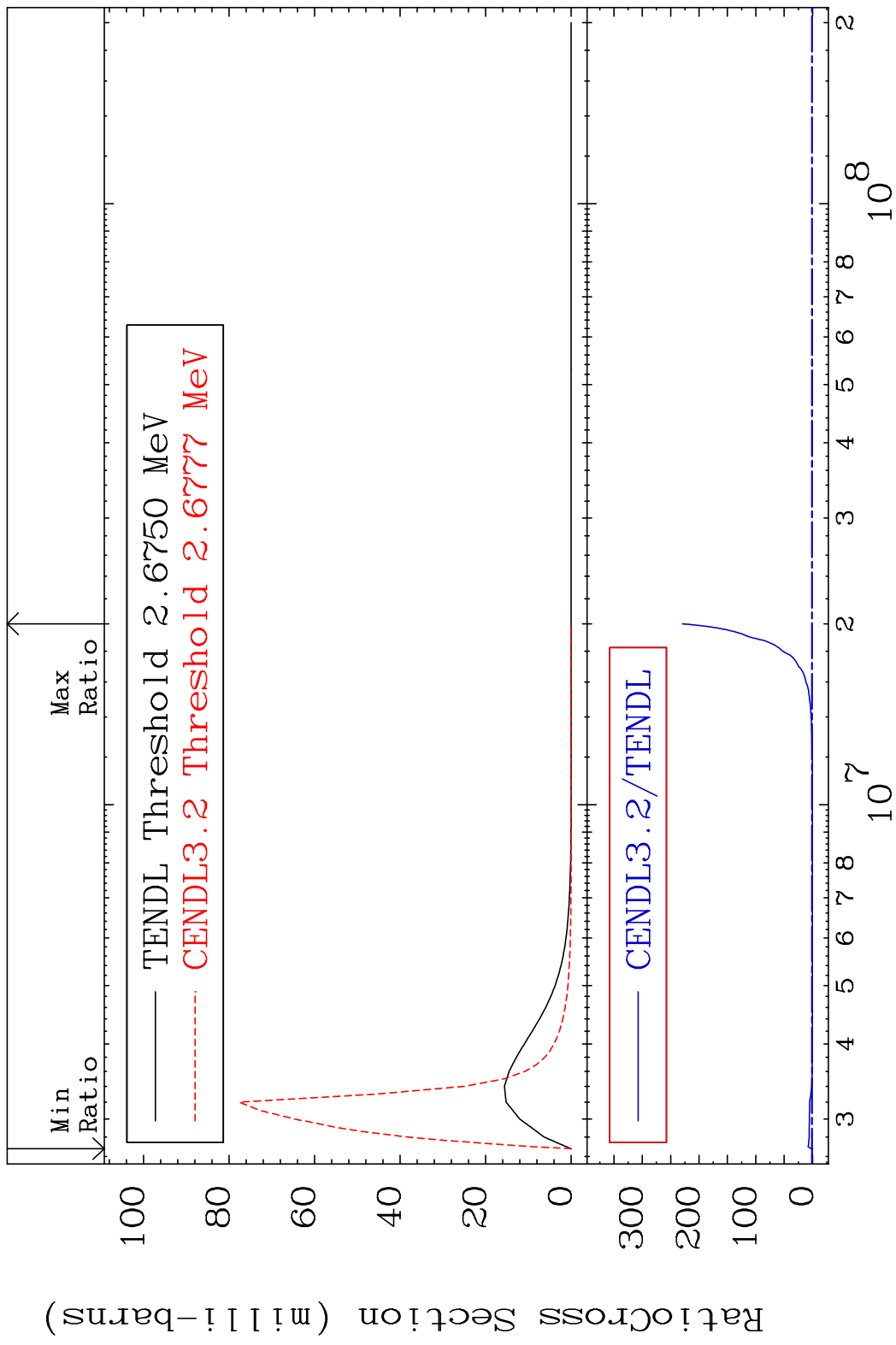


MAT 5055 MT= 62 (n, n') Level 50-Sn-122
 Cross Section -100.0 To 9999. %



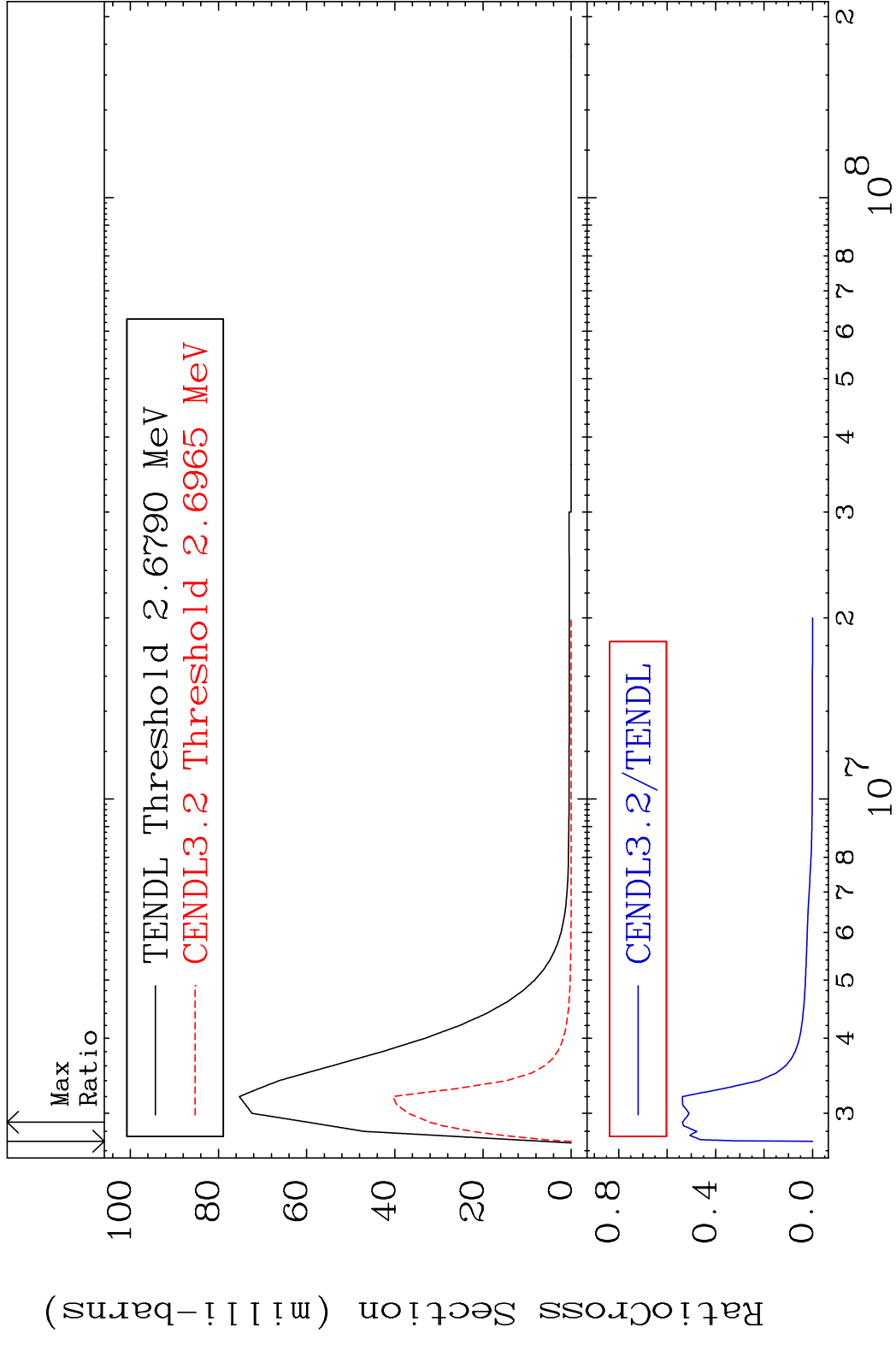
19 Incident Energy (eV) 50-Sn-122

MAT 5055 MT= 63 (n, n') Level 50-Sn-122
 Cross Section -100.0 To 9999. %

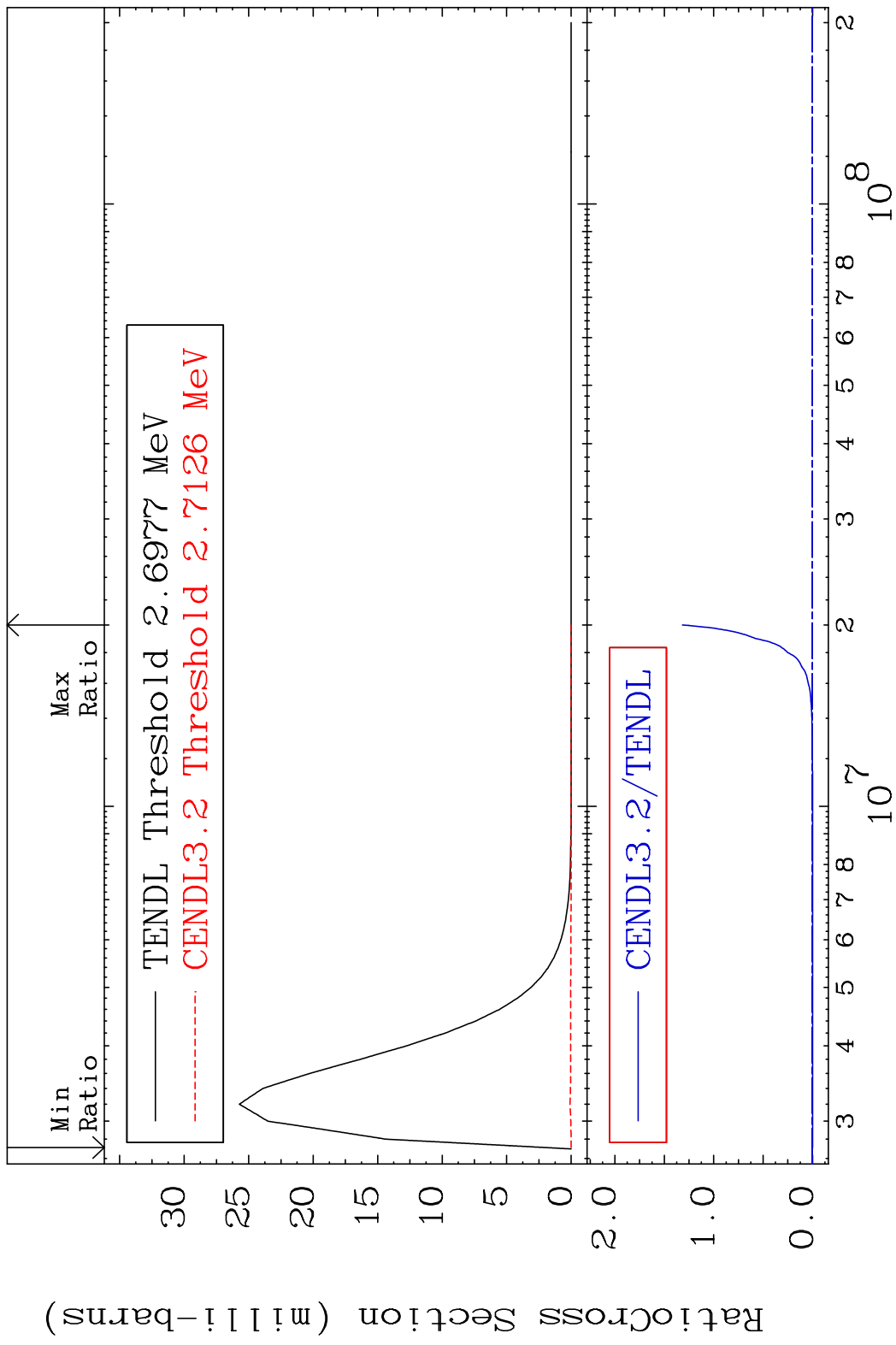


20 Incident Energy (eV) 50-Sn-122

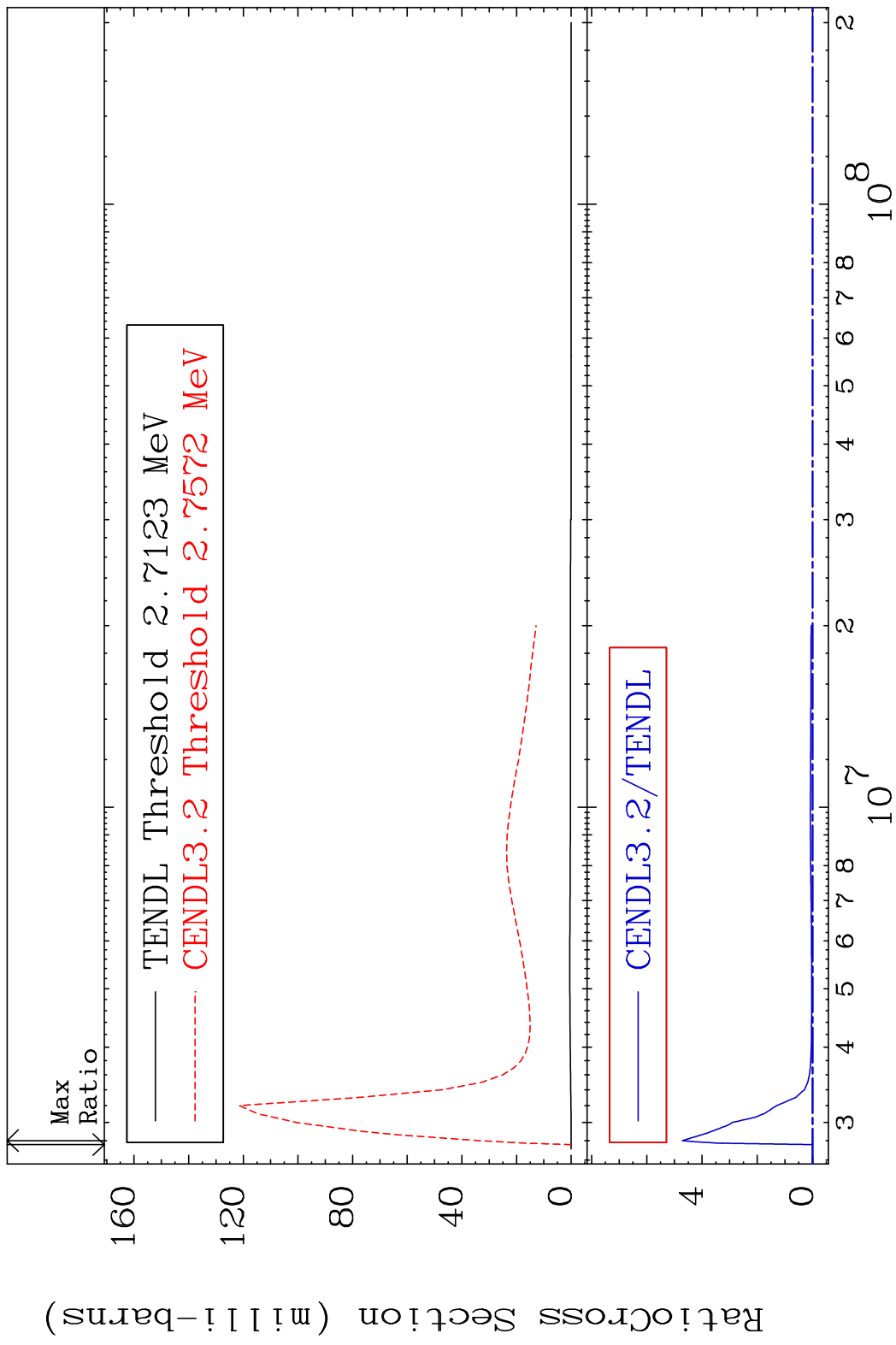
MAT 5055 MT= 64 (n,n') Level 50-Sn-122
 Cross Section -100.0 To -46.28%



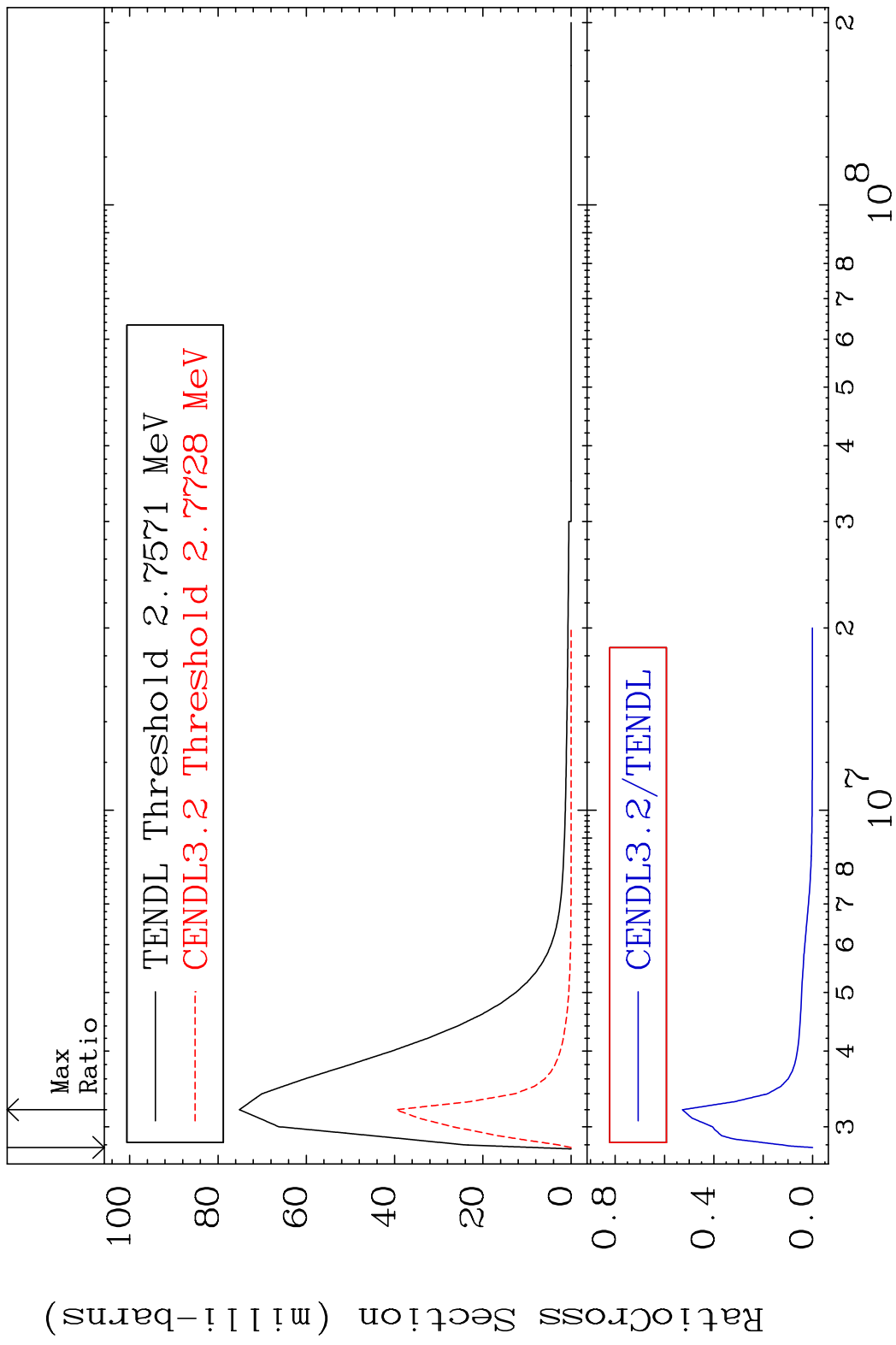
MAT 5055 MT= 65 (n, n') Level 50-Sn-122
 Cross Section -100.0 To 9999. %



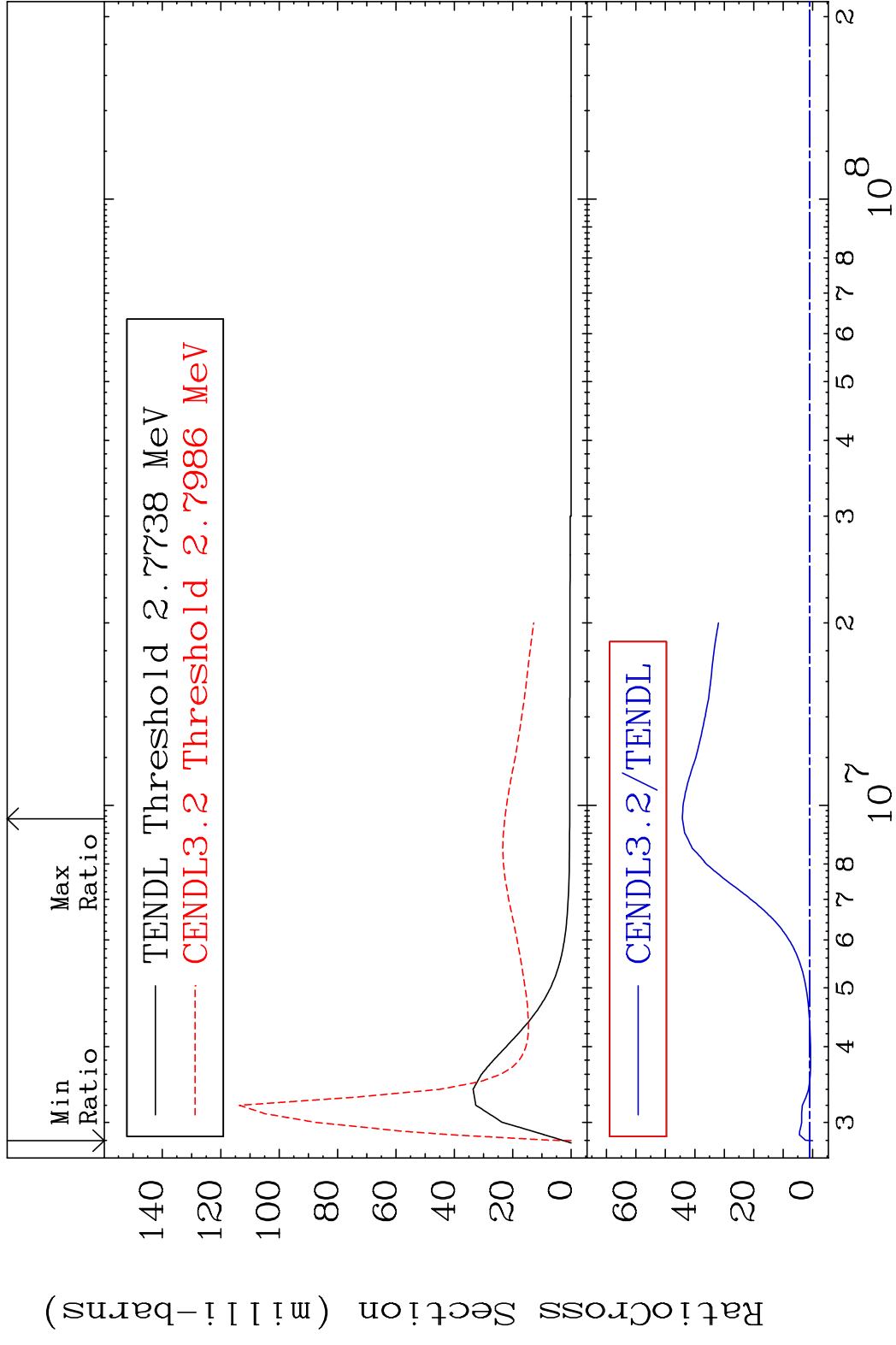
MAT 5055 MT= 66 (n,n') Level 50-Sn-122
 Cross Section -100.0 To 9999. %



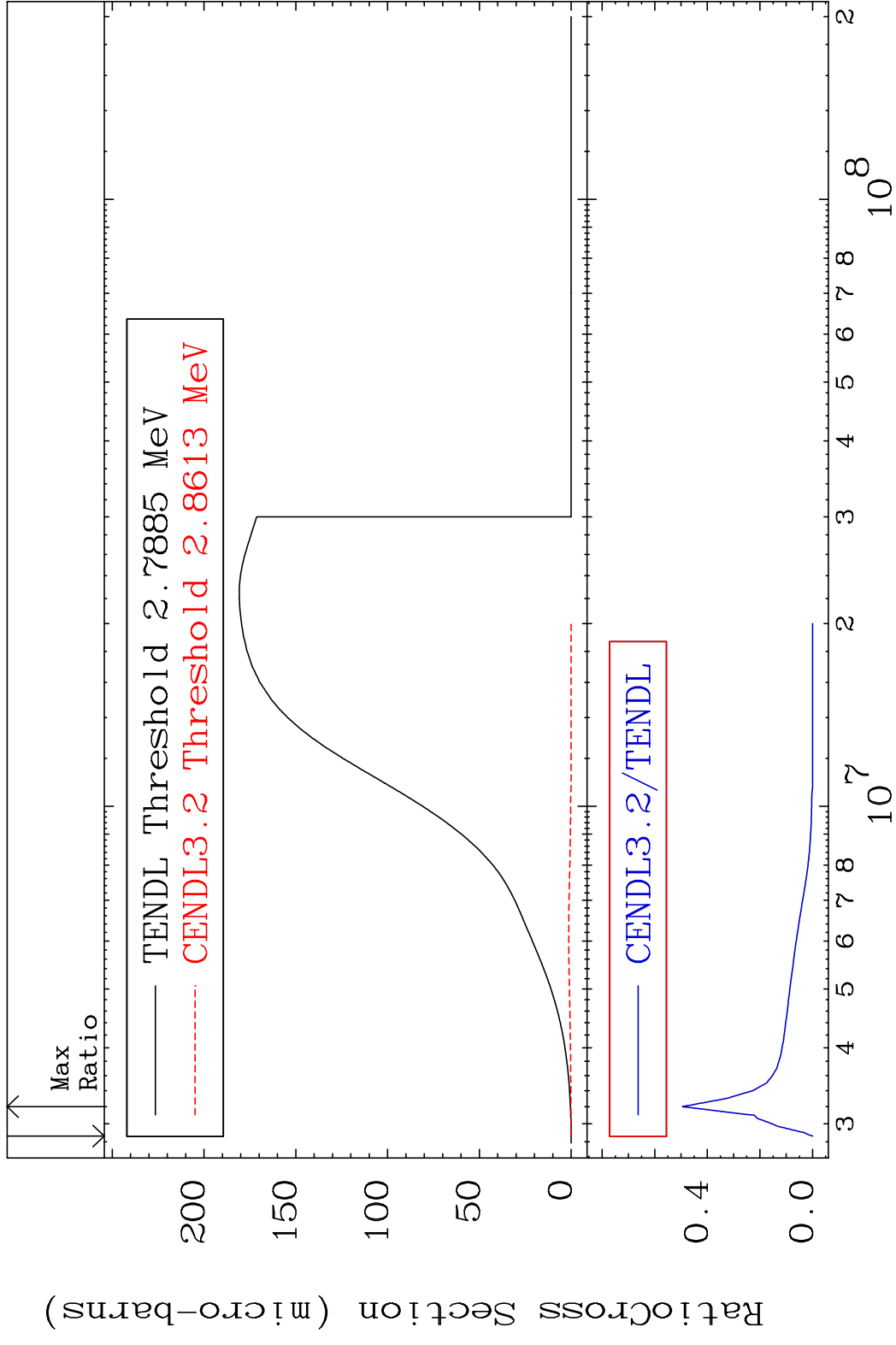
MAT 5055 MT= 67 (n, n') Level 50-Sn-122
 Cross Section -100.0 To -47.22%



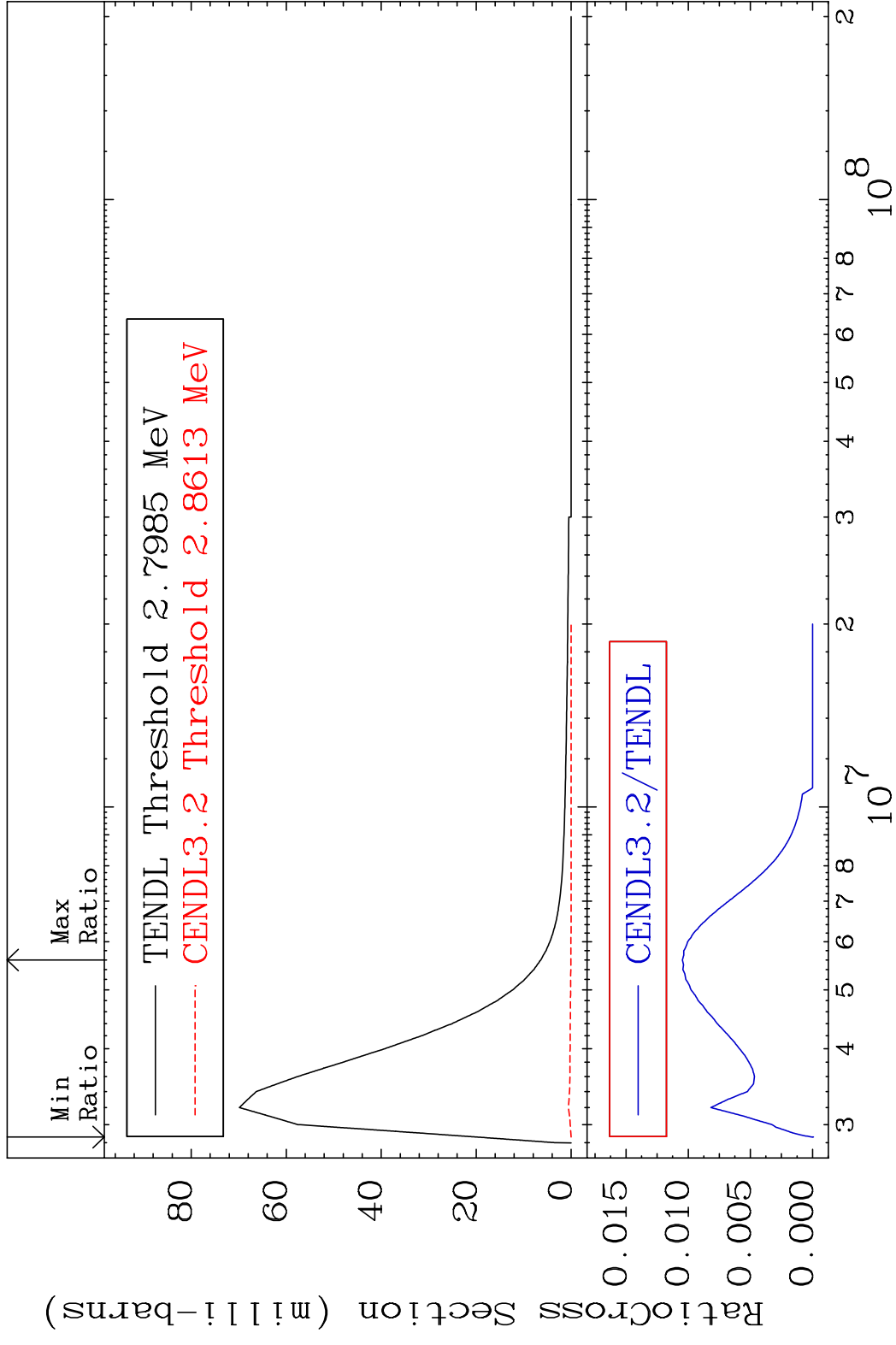
MAT 5055 MT= 68 (n,n') Level 50-Sn-122
 Cross Section -100.0 To 4324. %



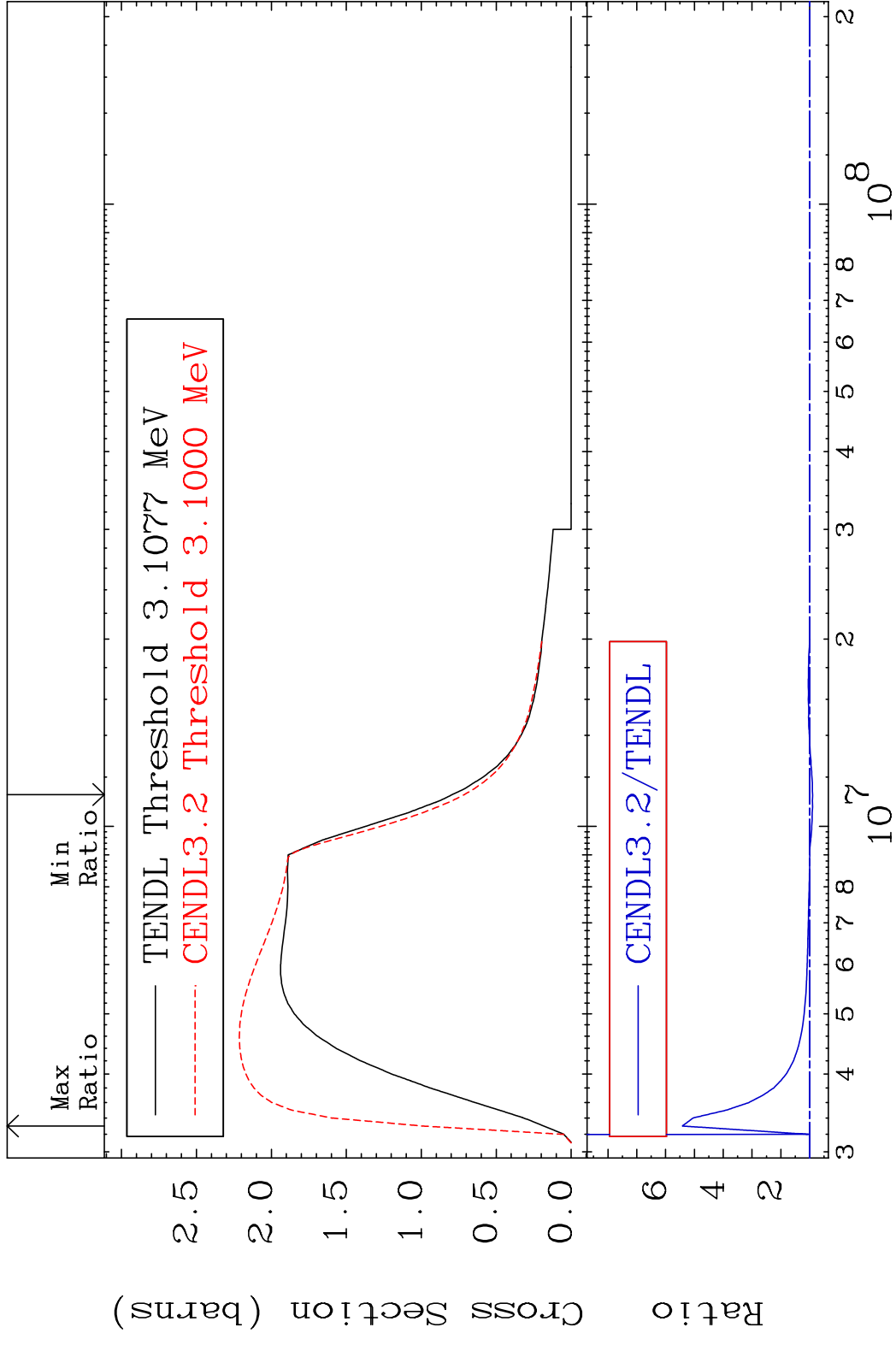
MAT 5055 MT= 69 (n, n') Level 50-Sn-122
 Cross Section -100.0 To -50.50%



MAT 5055 MT= 70 (n,n') Level 50-Sn-122
 Cross Section -100.0 To -98.95%



MAT 5055 (n,n') Continuum 50-Sn-122
 Cross Section -10.01 To 441.8 %

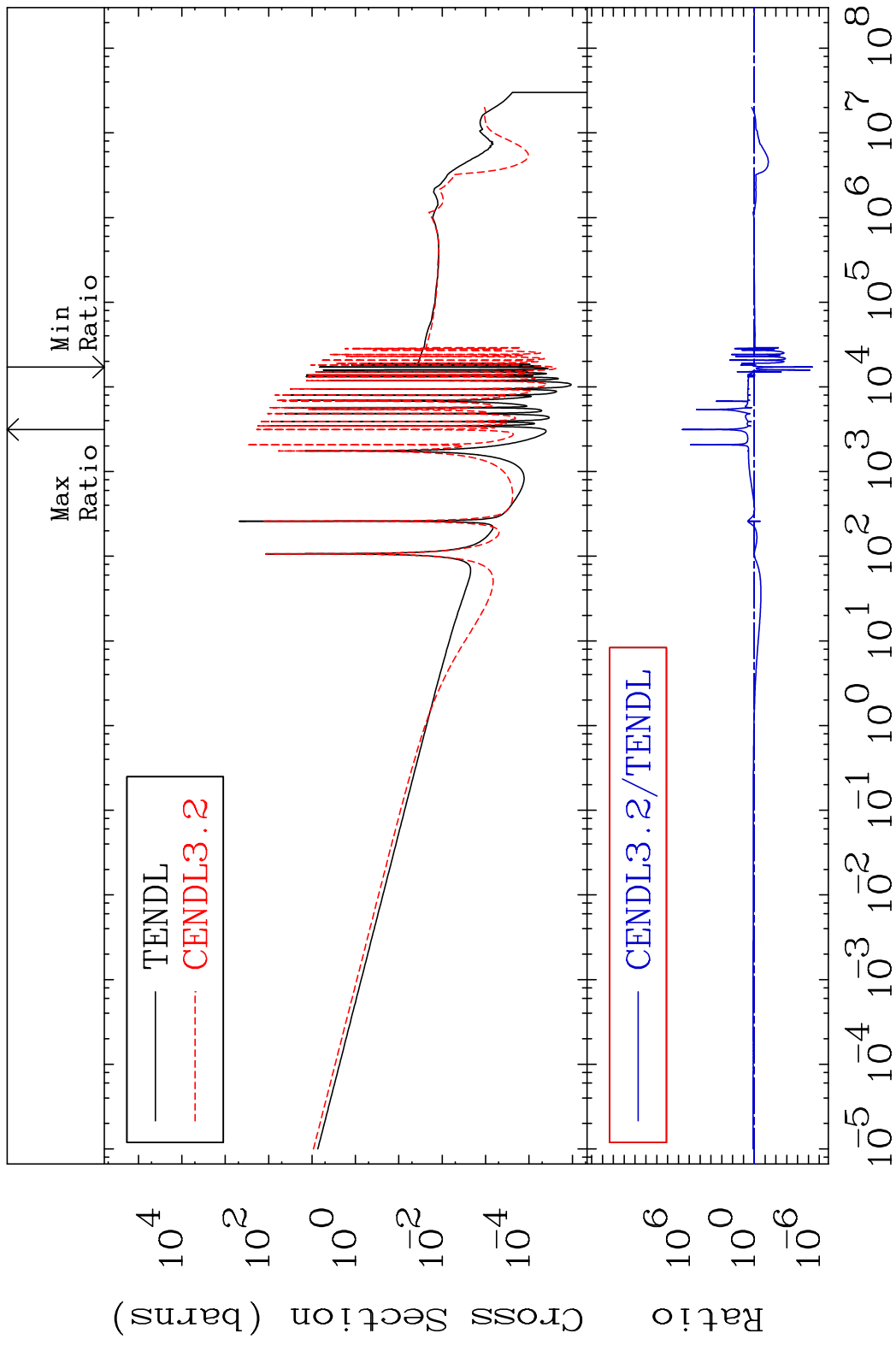


MAT 5055

(n, γ)

50-Sn-122

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

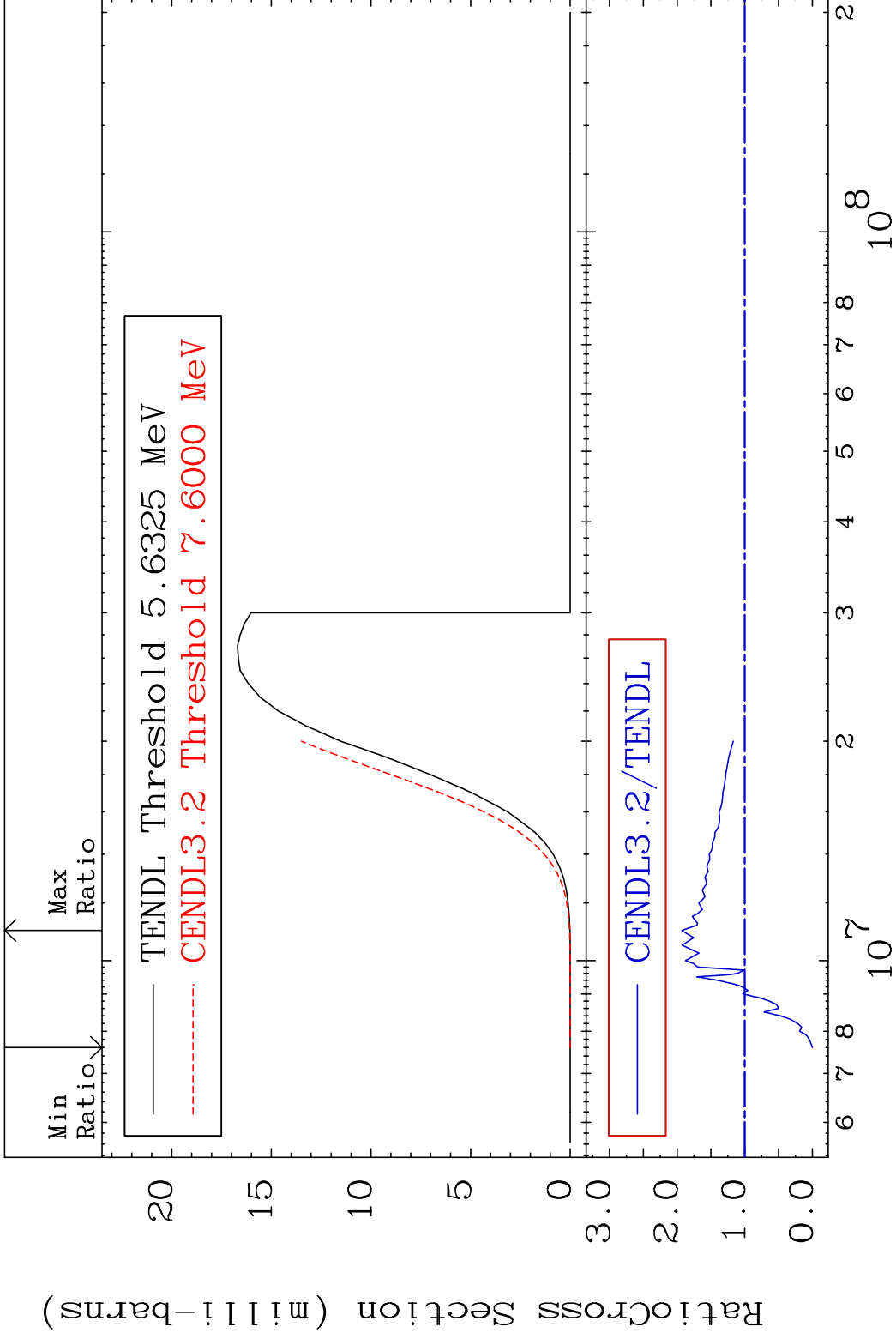
50-Sn-122

MAT 5055

(n,p)

50-Sn-122

Cross Section -100.0 To 93.13 %



30

Incident Energy (eV)

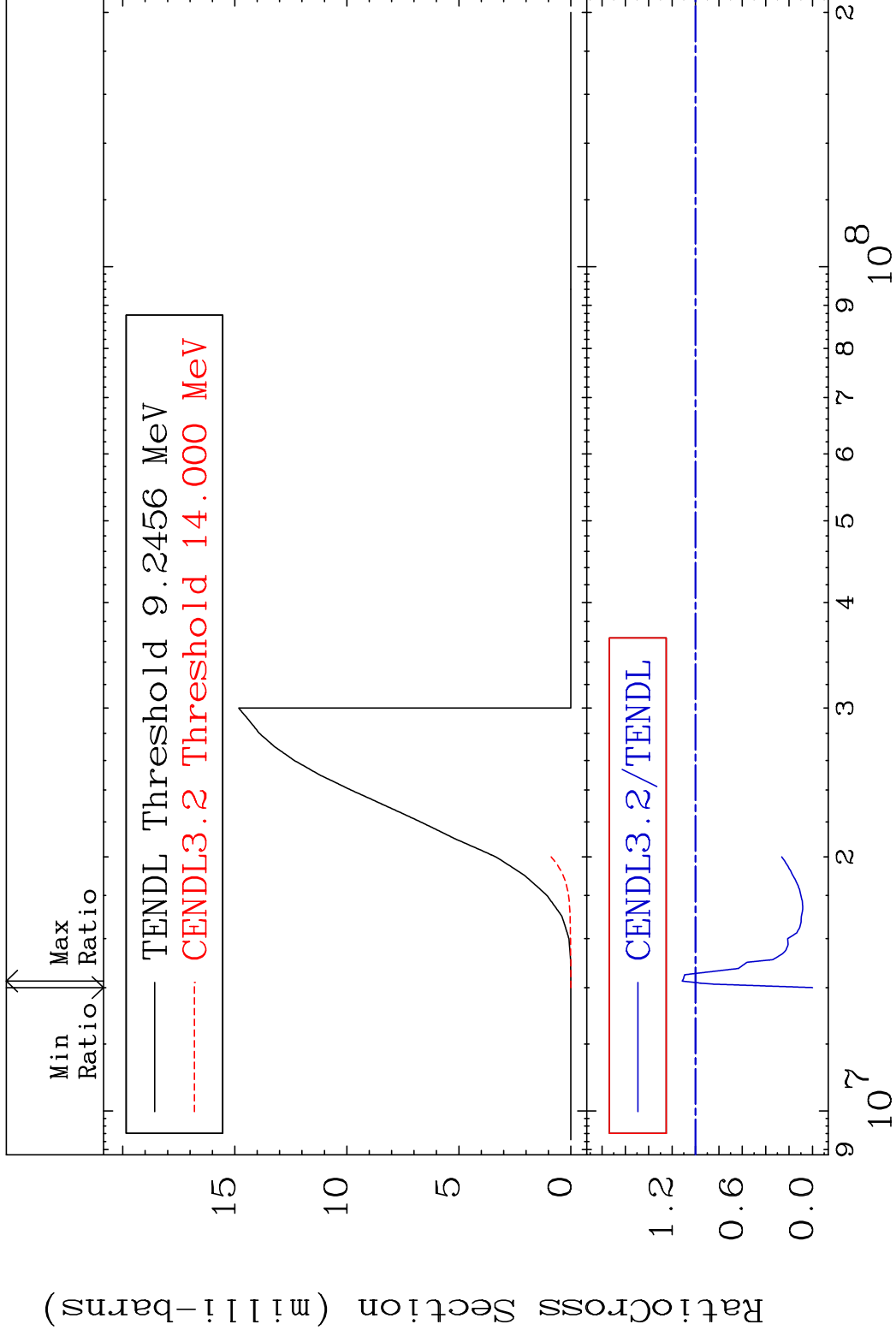
50-Sn-122

MAT 5055

(n, d)

50-Sn-122

Cross Section -100.0 To 11.44 %



31

Incident Energy (eV)

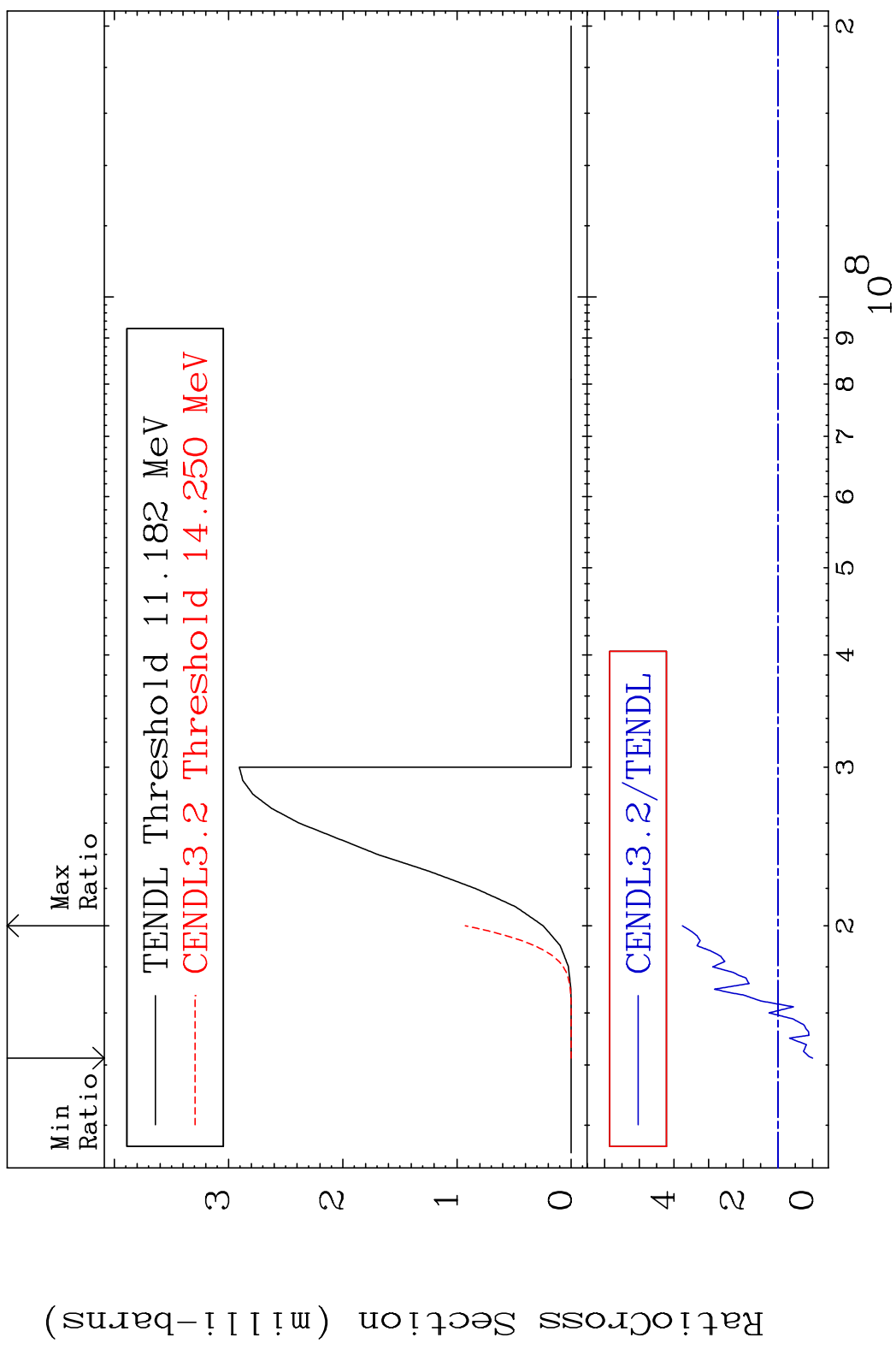
50-Sn-122

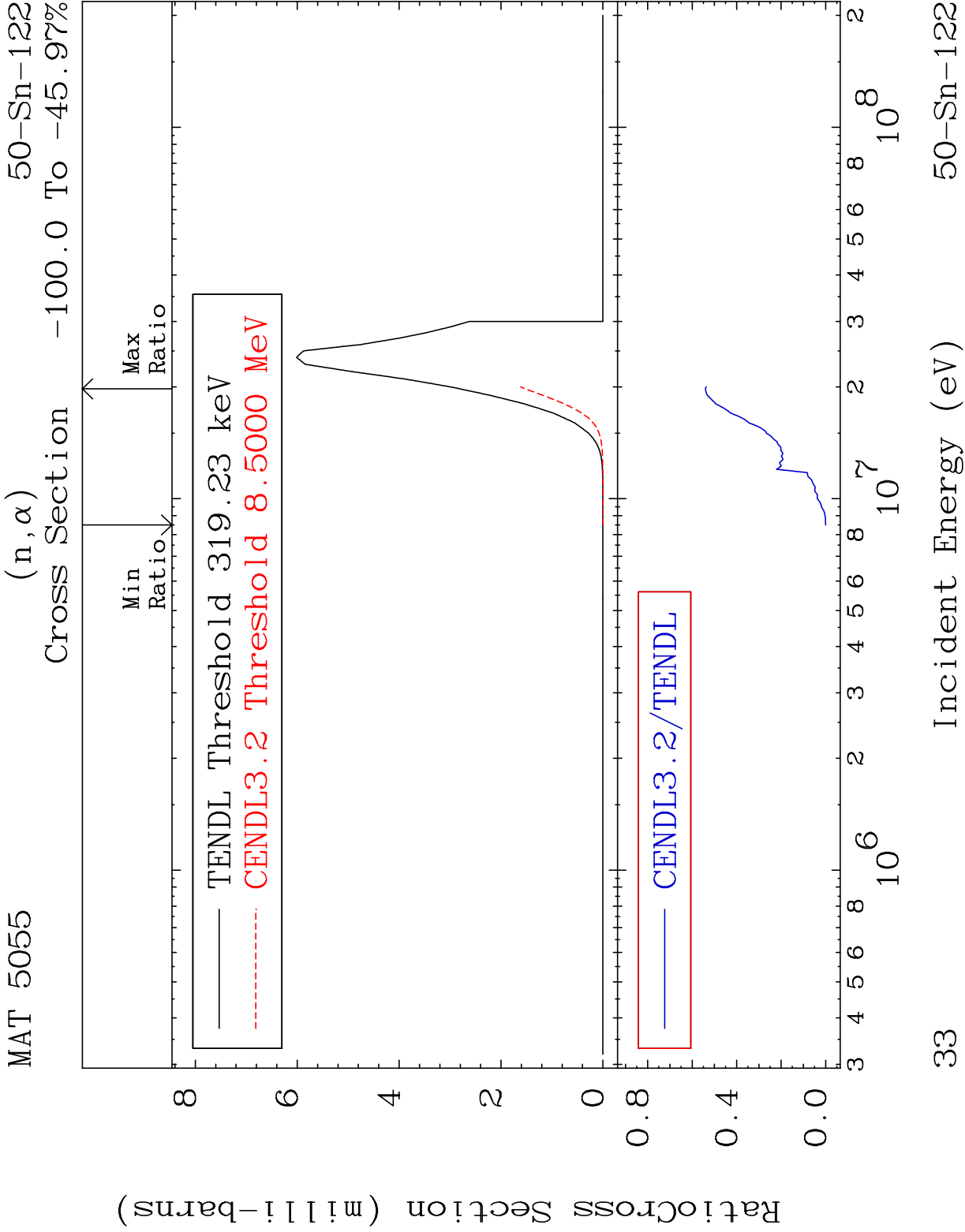
MAT 5055

(n, t)

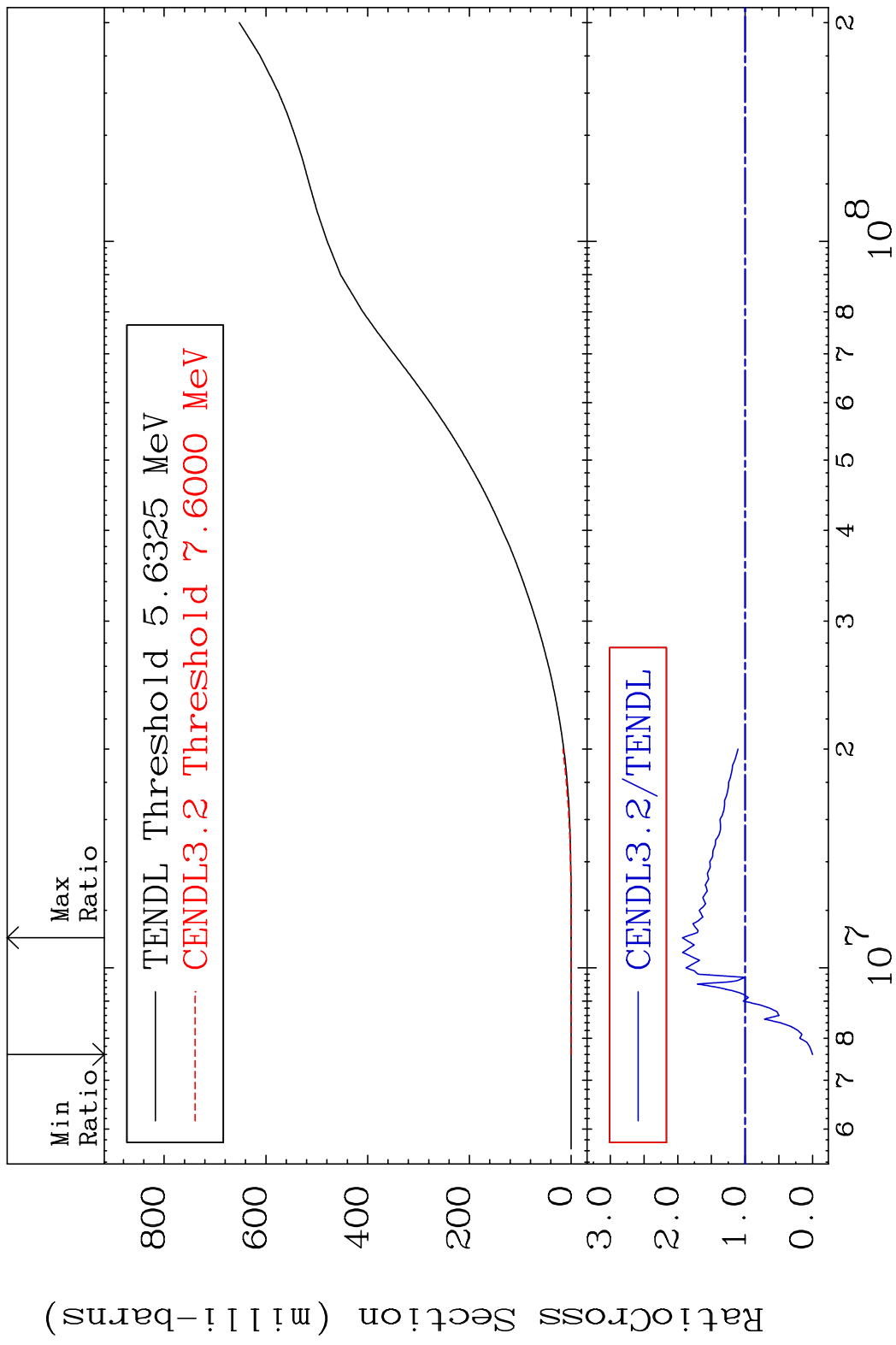
50-Sn-122

Cross Section -100.0 To 275.6 %

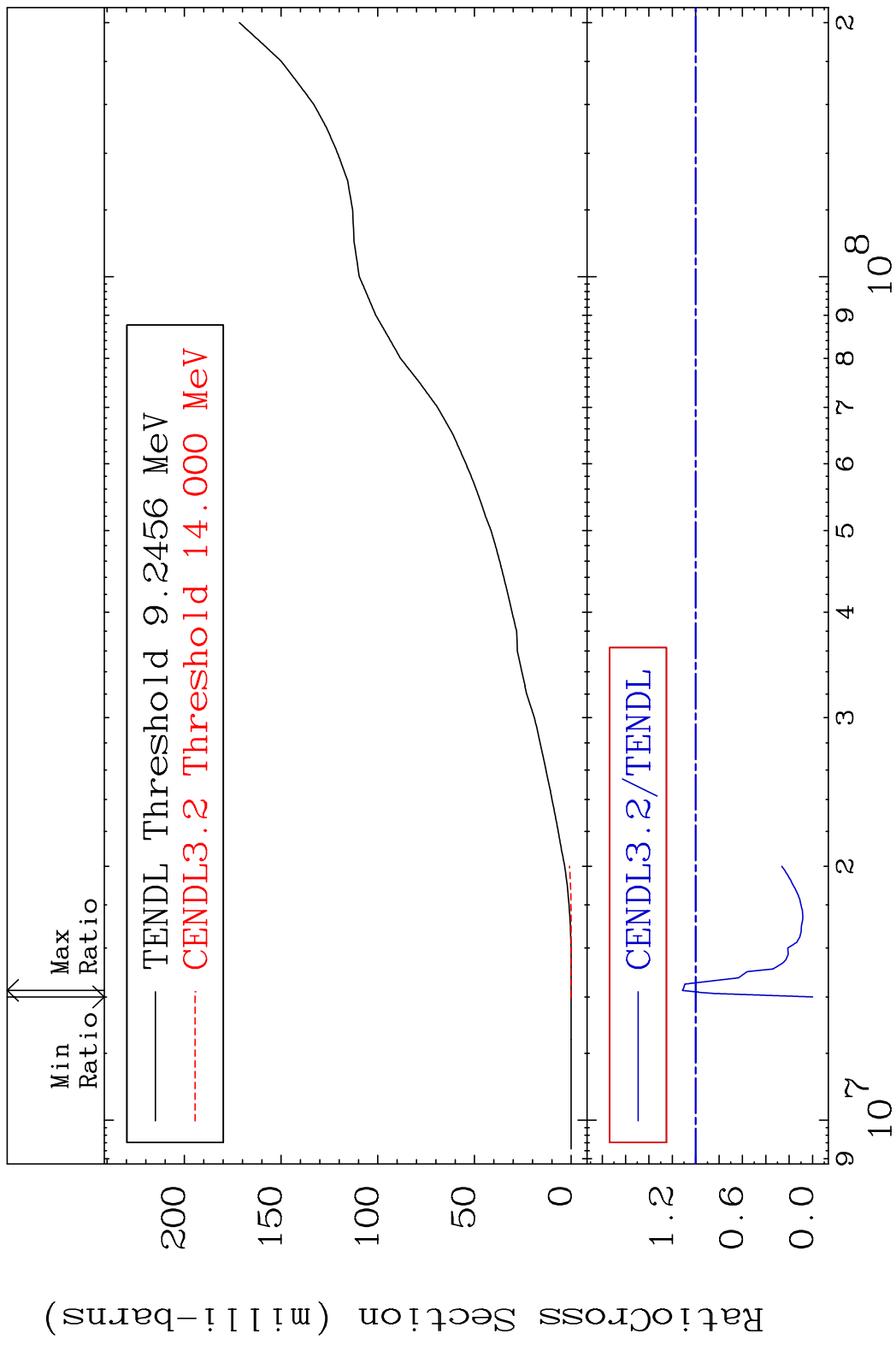




MAT 5055 Hydrogen Production 50-Sn-122
 Cross Section -100.0 To 93.13 %

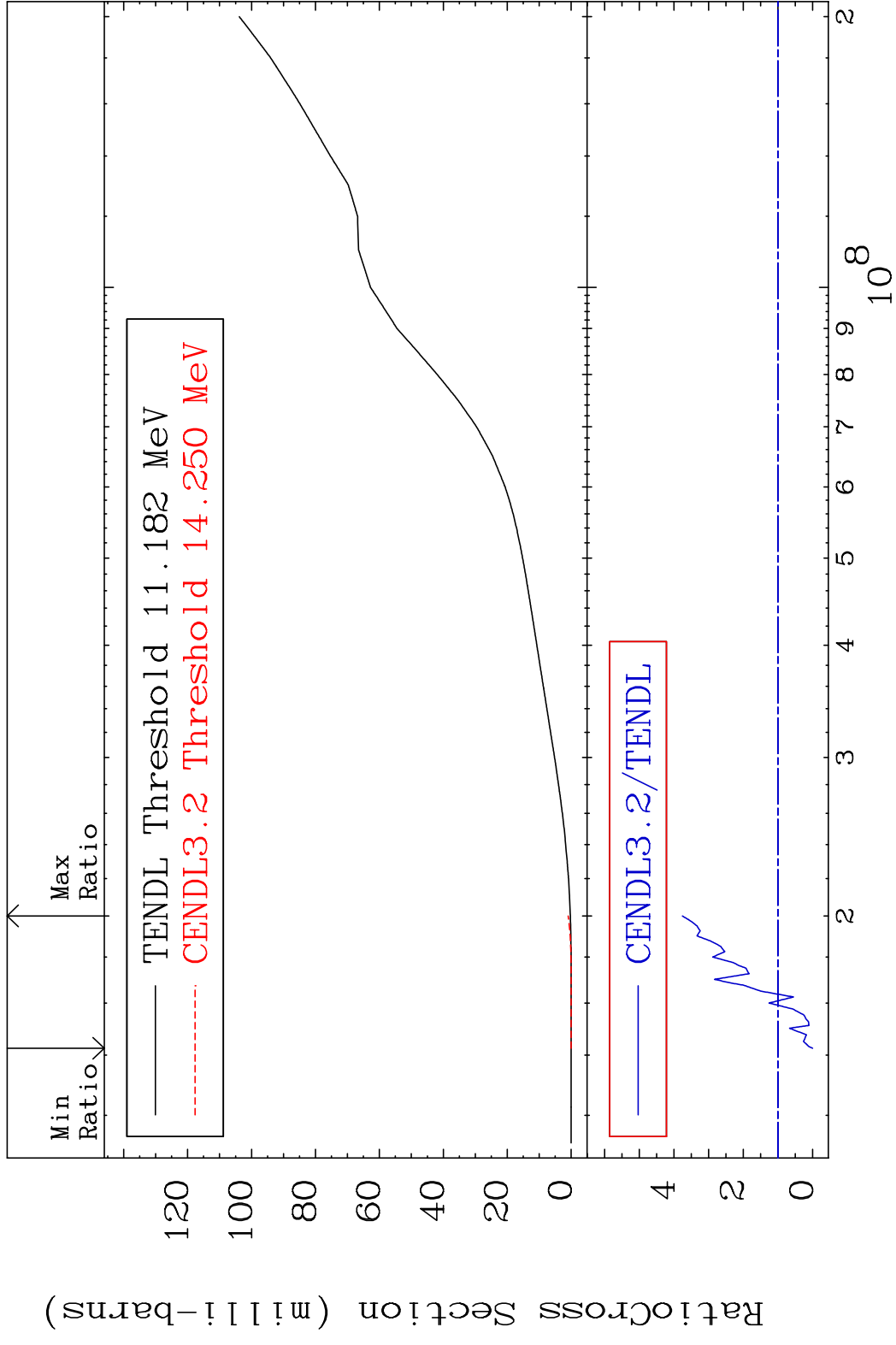


MAT 5055 Deuterium Production 50-Sn-122
 Cross Section -100.0 To 11.44 %

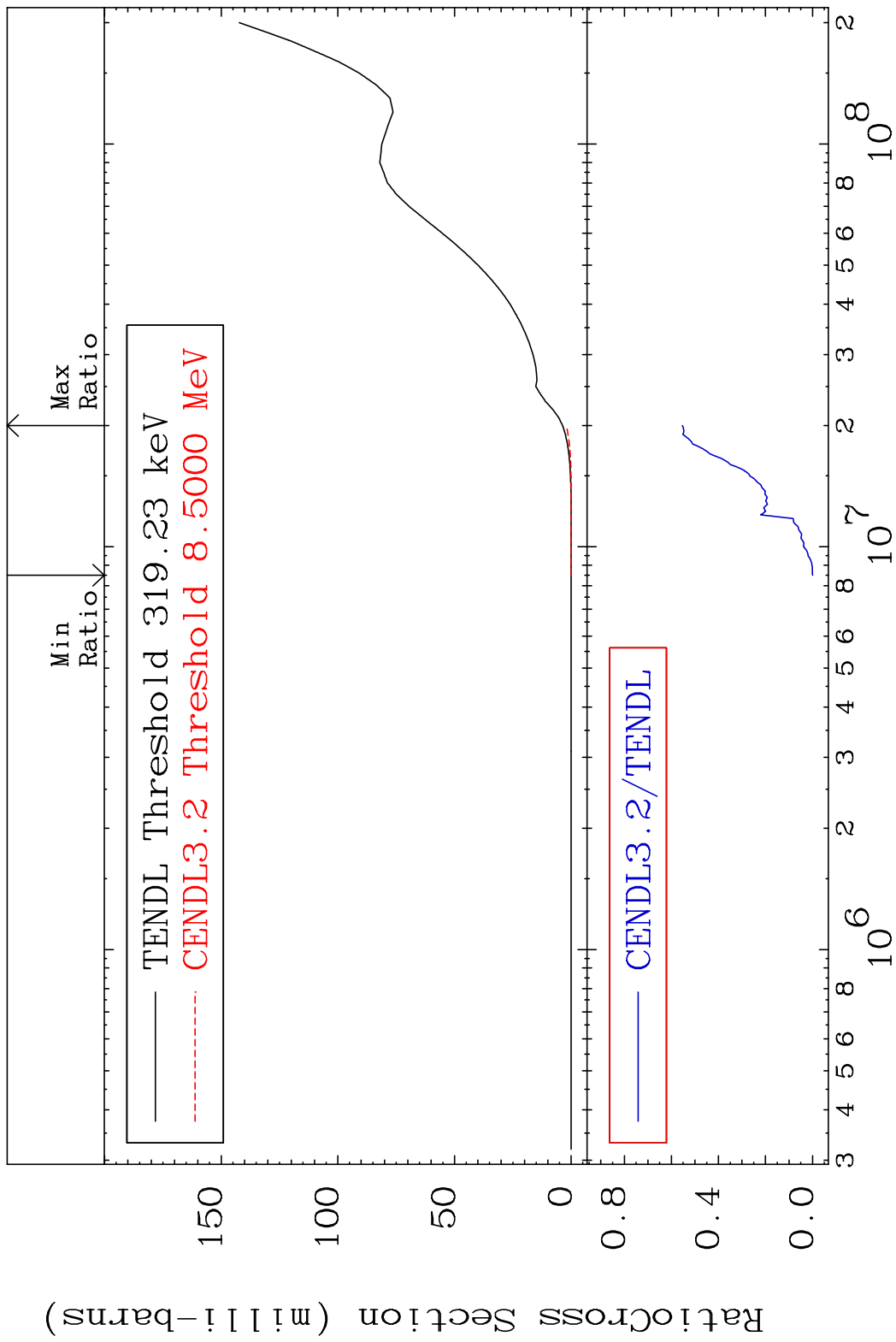


35 50-Sn-122

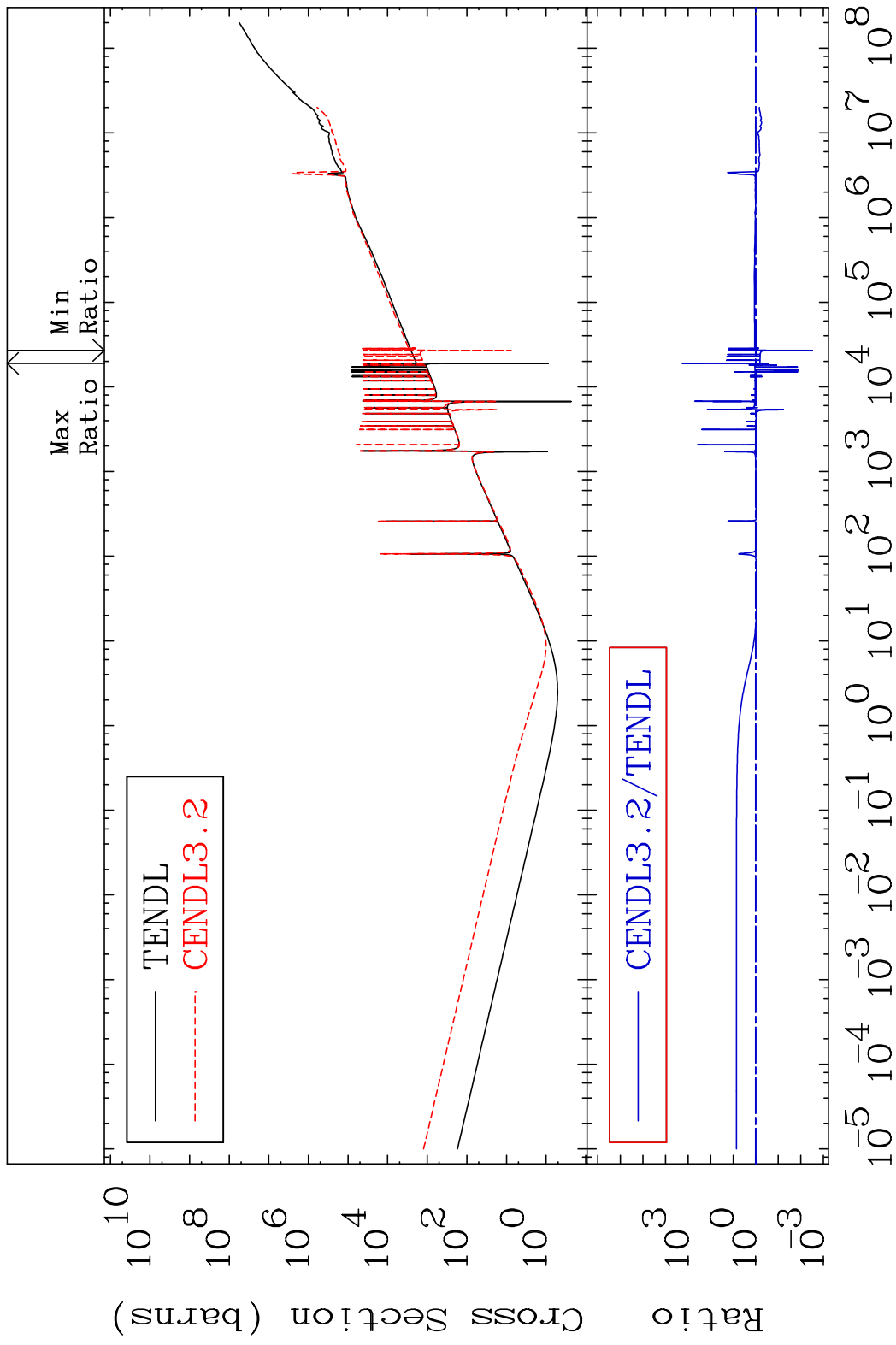
MAT 5055 Tritium Production 50-Sn-122
 Cross Section -100.0 To 275.6 %



MAT 5055 He-4 Production 50-Sn-122
 Cross Section -100.0 To -44.65%

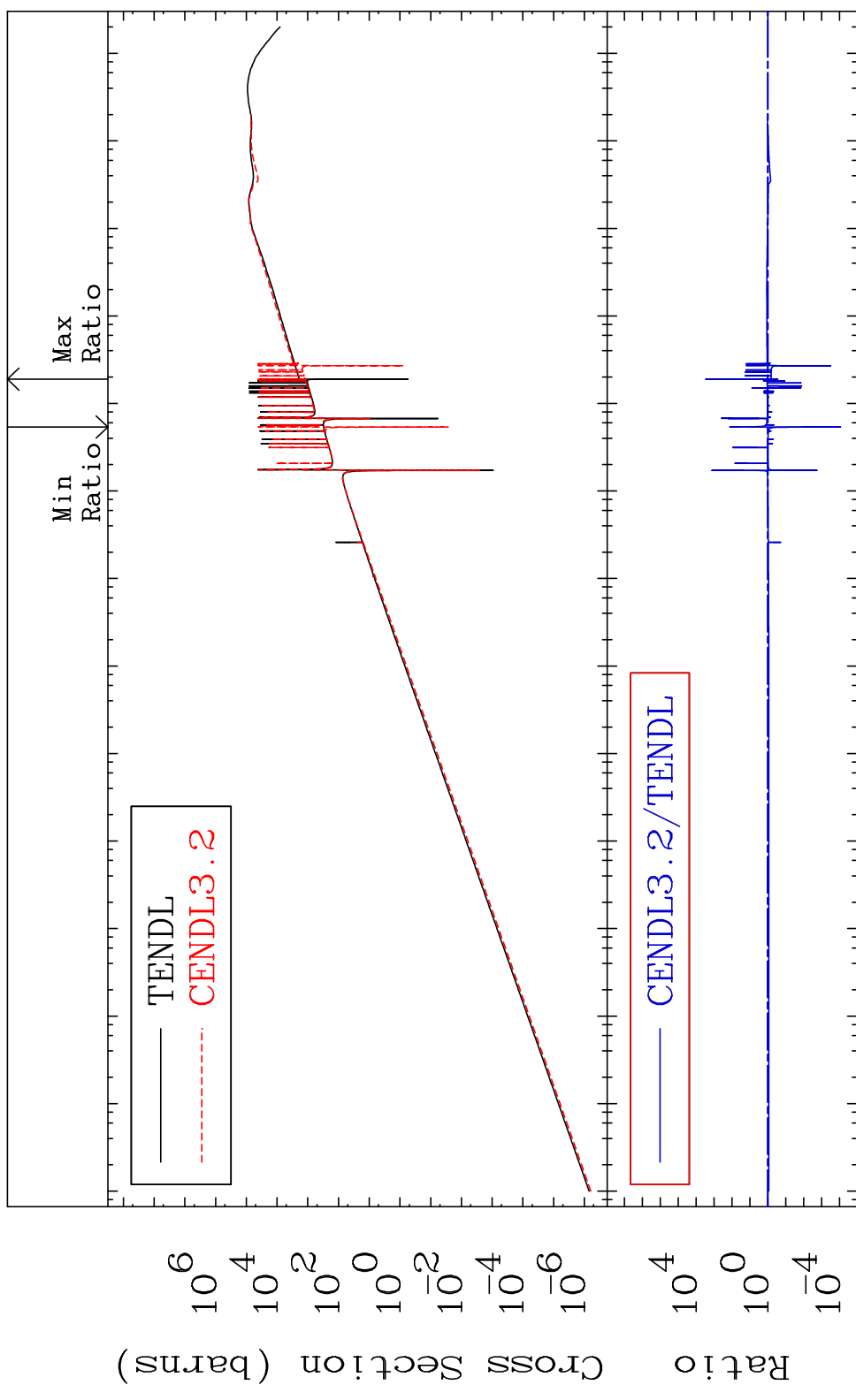


MAT 5055 Kerma total (eV-barns) 50-Sn-122
 Cross Section -99.70 To 9999. %

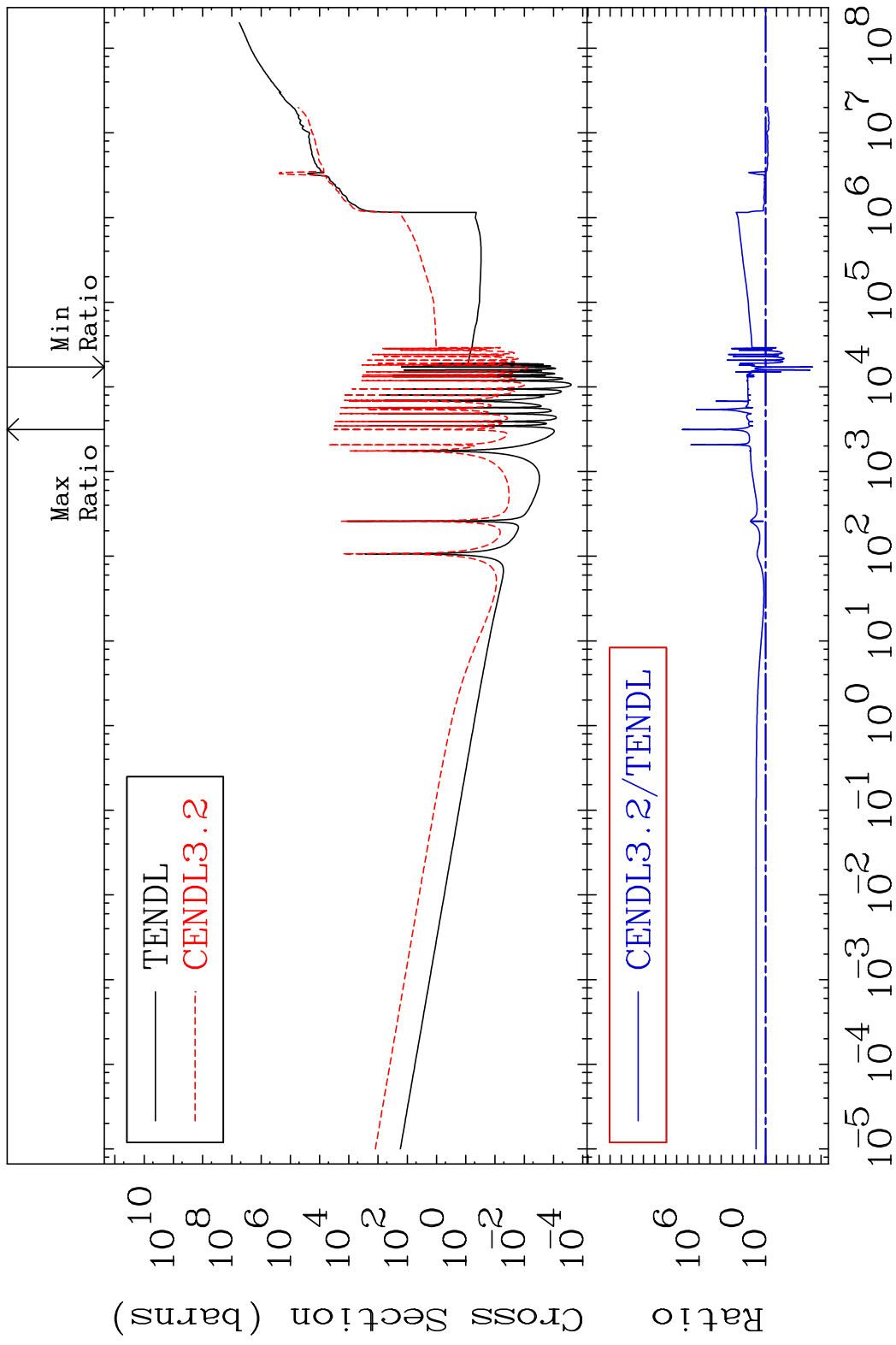


MAT 5055

Kerma elastic Cross Section
50-Sn-122
-99.99 To 9999. %

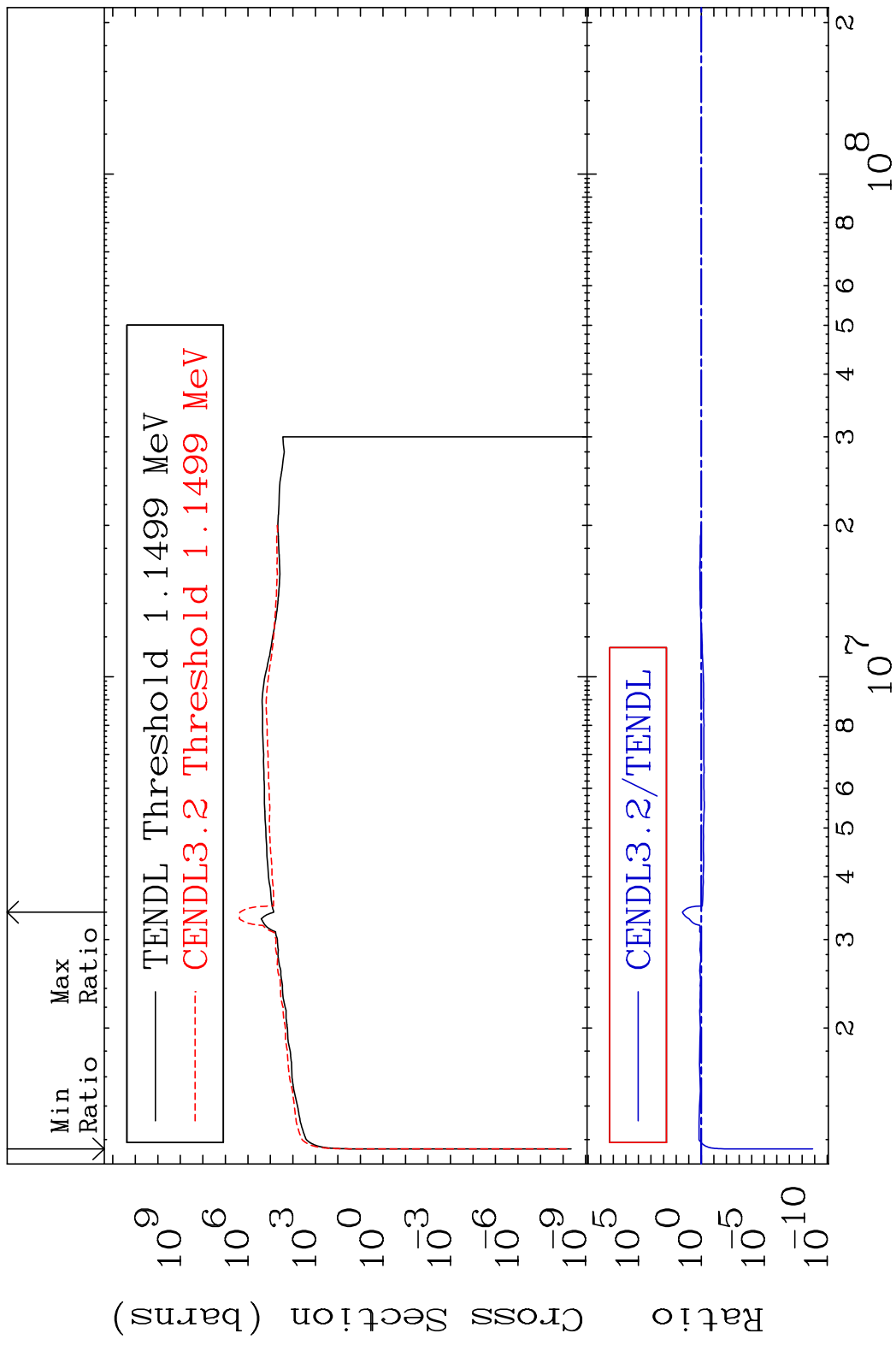


MAT 5055 Kerma non-elastic (all but mt2) 50-Sn-122
 Cross Section -99.99 To 9999. %

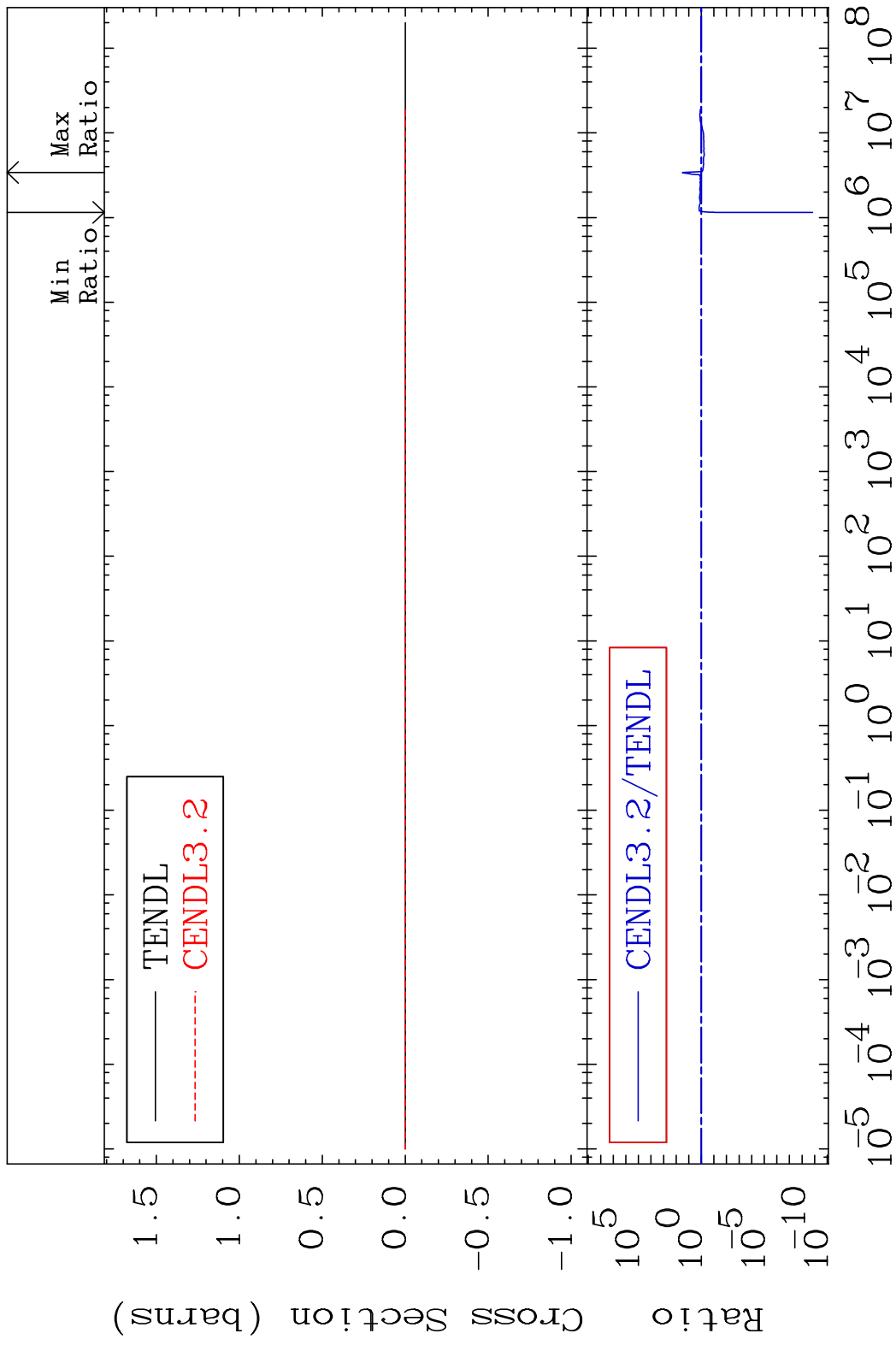


40 Incident Energy (eV) 50-Sn-122

MAT 5055 Kerma inelastic (mt51-91) 50-Sn-122
 Cross Section -100.0 To 3132. %

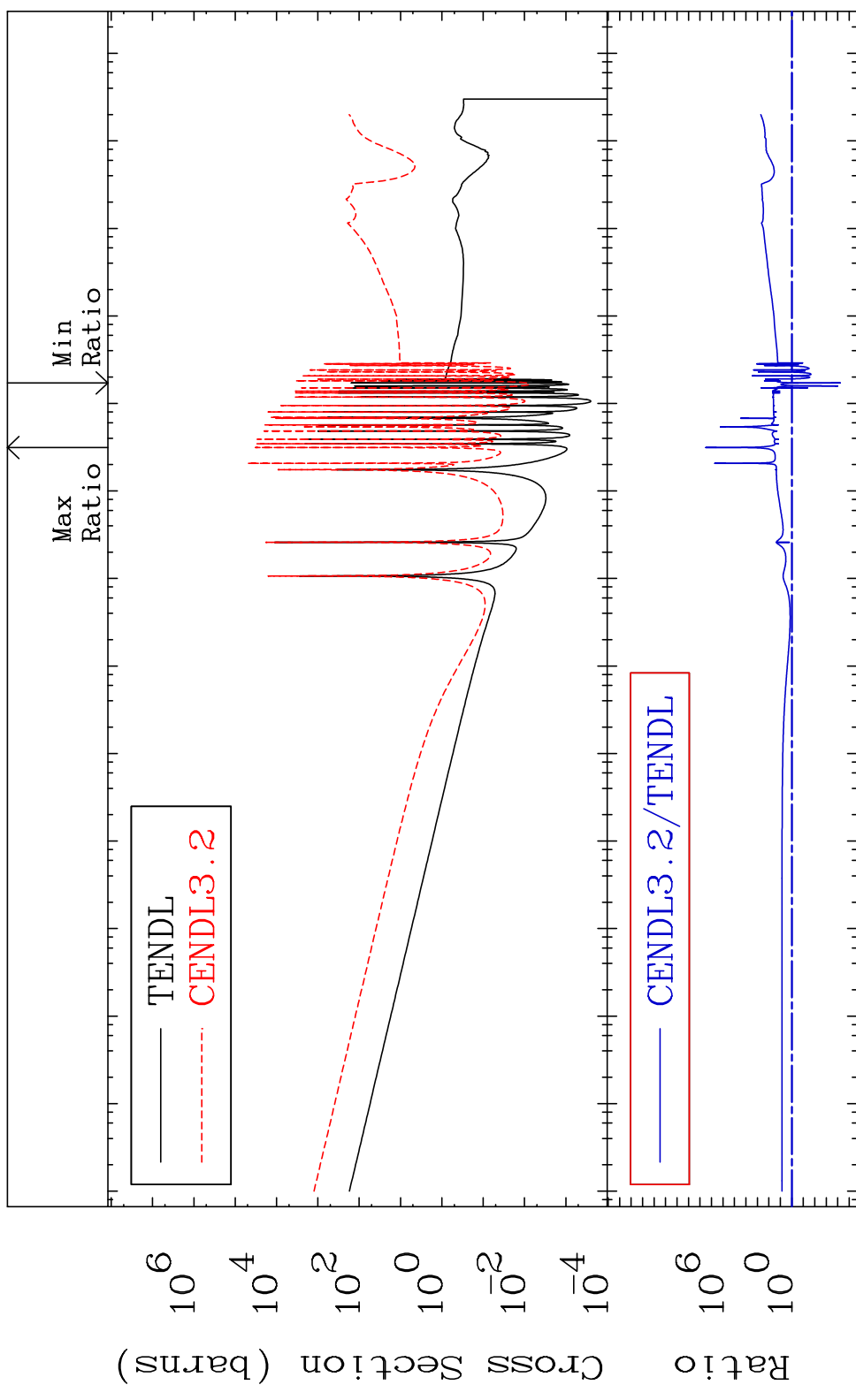


MAT 5055 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-122
 Cross Section -100.0 To 3132. %



MAT 5055

Kerma capture (mt102) 50-Sn-122
Cross Section -99.99 To 9999. %

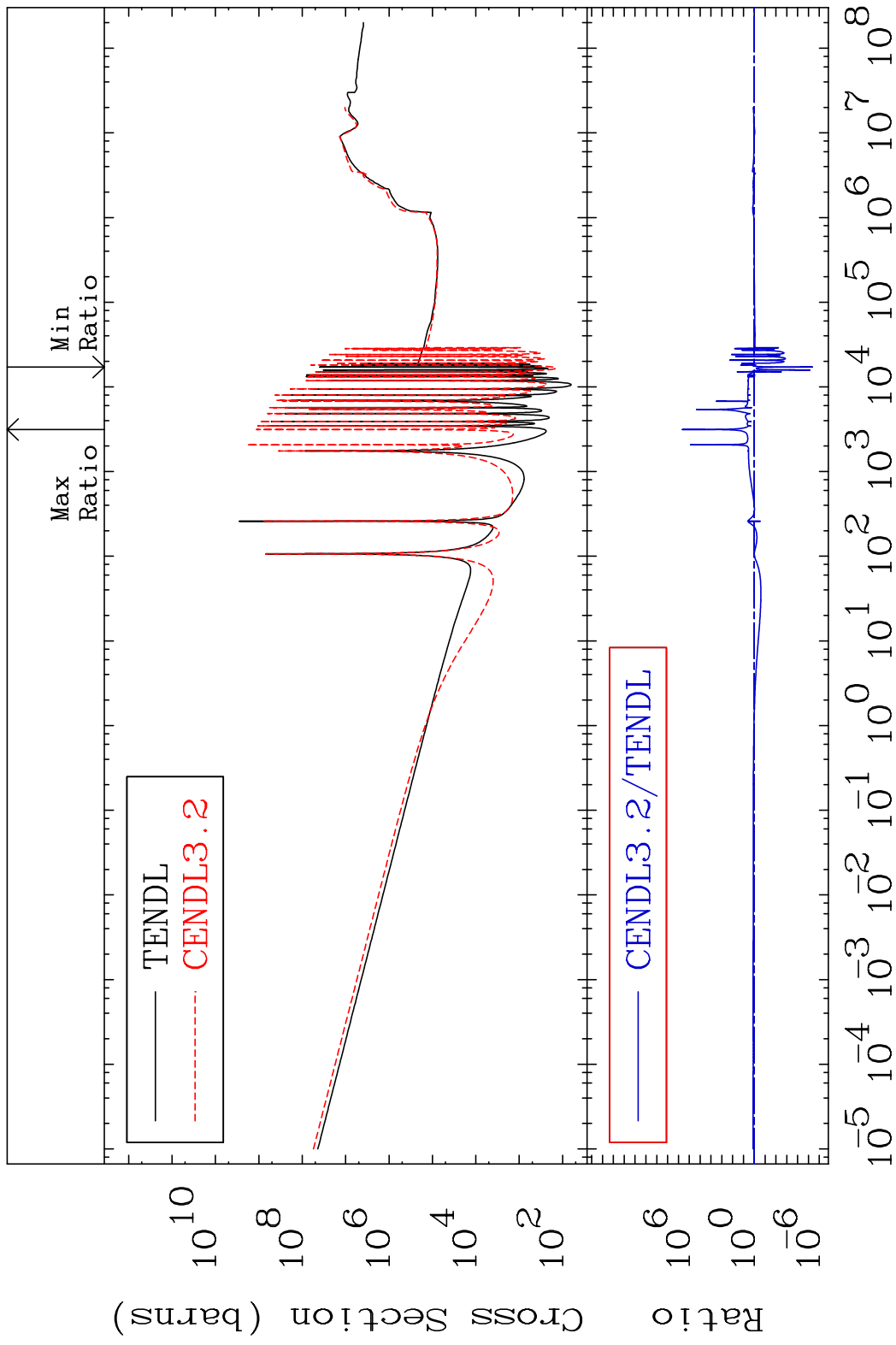


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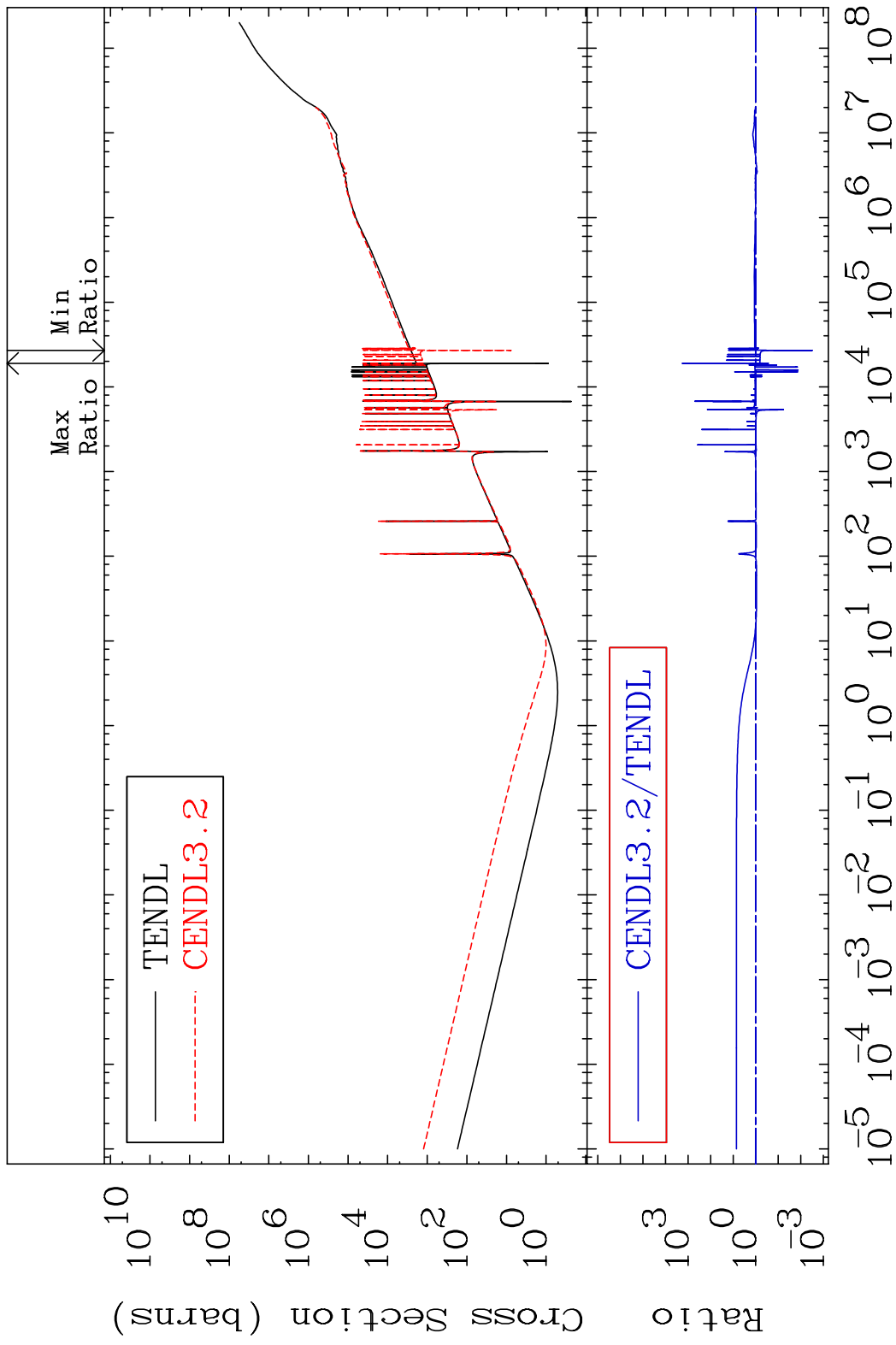
Incident Energy (eV)

50-Sn-122

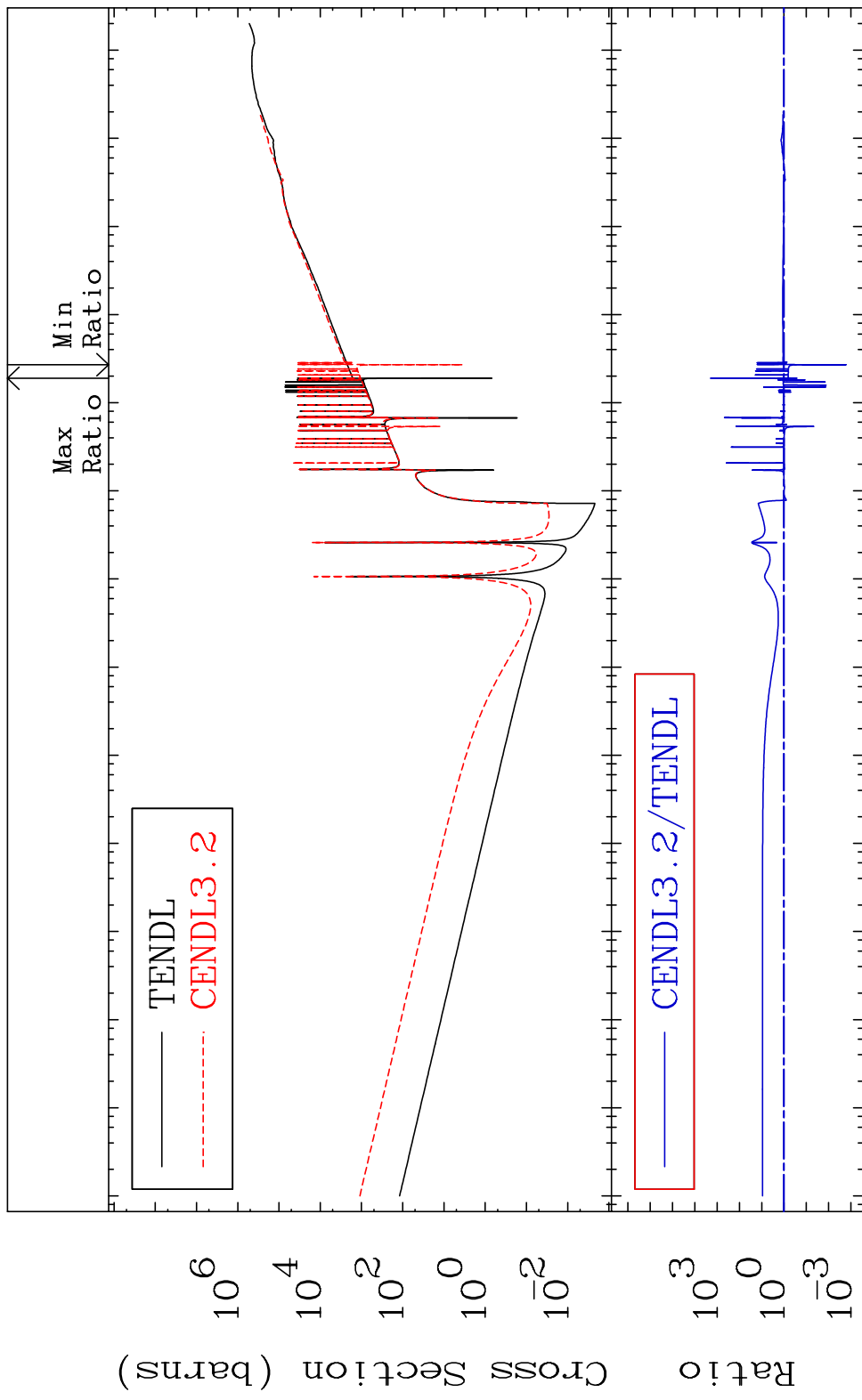
MAT 5055 Total photon (eV-barns) 50-Sn-122
 Cross Section -100.0 To 9999. %



MAT 5055 Total kinematic kerma (high limit) 50-Sn-122
 Cross Section -99.70 To 9999. %



MAT 5055 Dpa total (eV-barns) 50-Sn-122
 Cross Section -99.84 To 9999. %

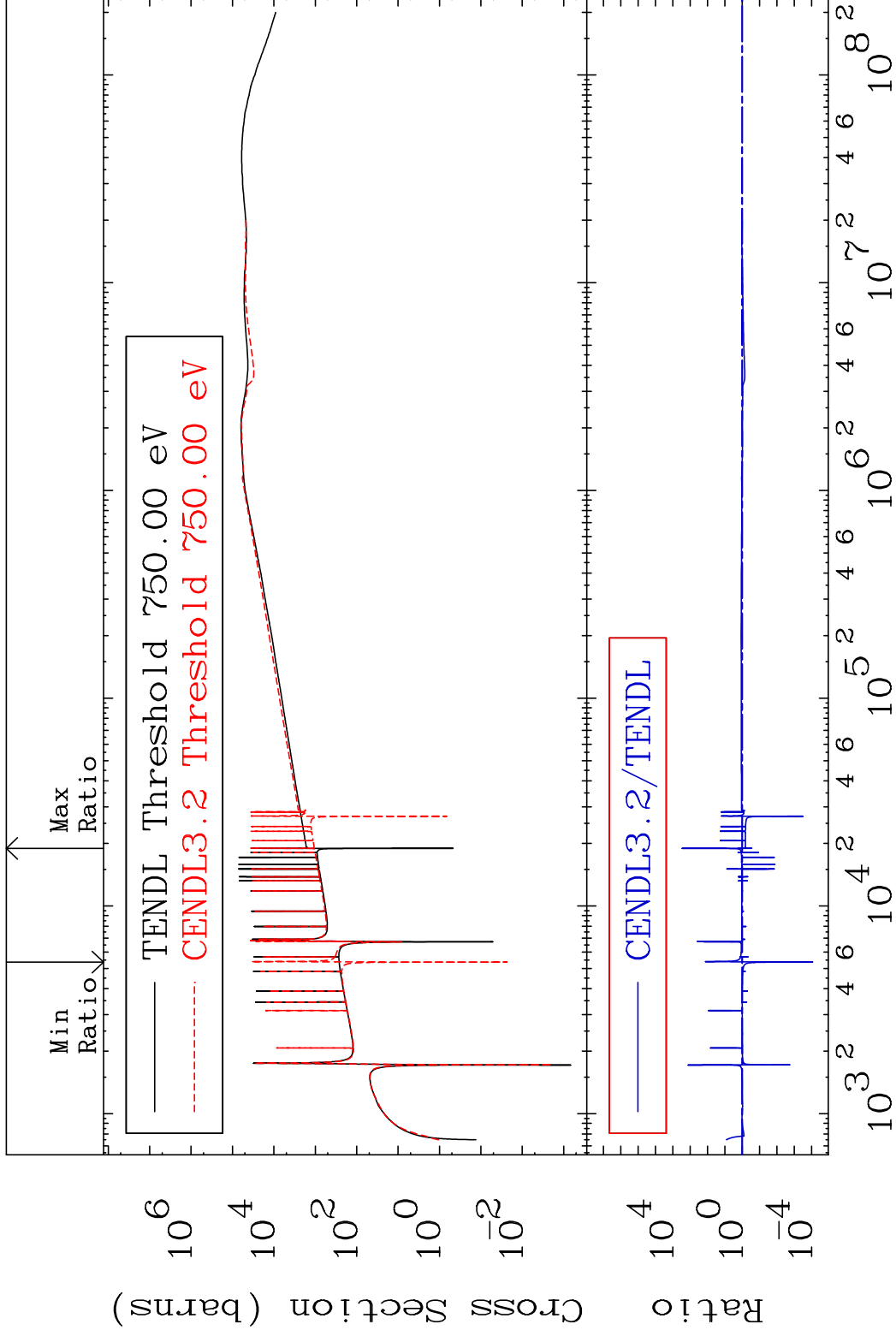


MAT 5055

Dpa elastic (mt2)

50-Sn-122

Cross Section -99.99 To 9999. %

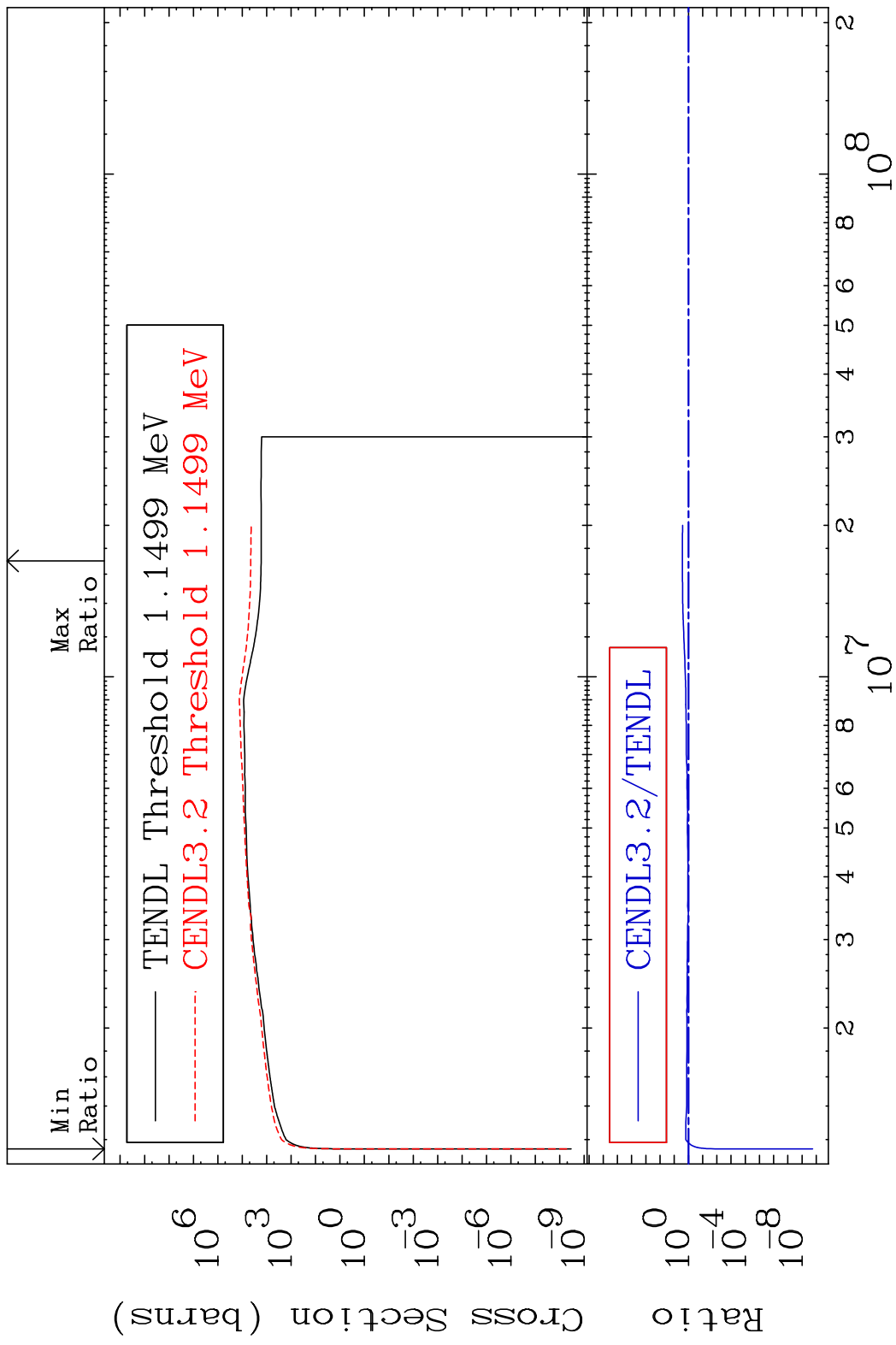


47

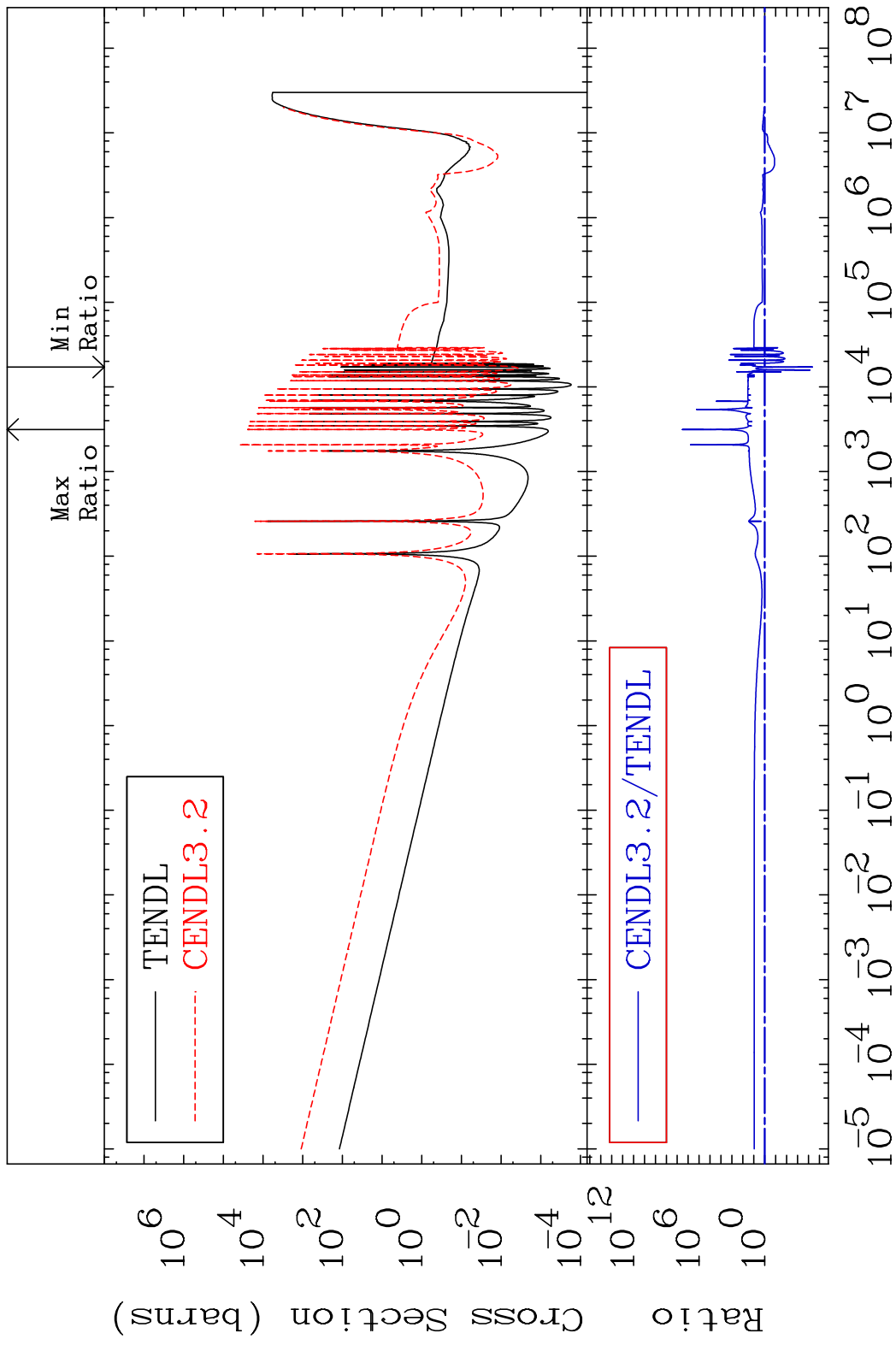
Incident Energy (eV)

50-Sn-122

MAT 5055 Dpa inelastic (mt51-91) 50-Sn-122
 Cross Section -100.0 To 168.0 %



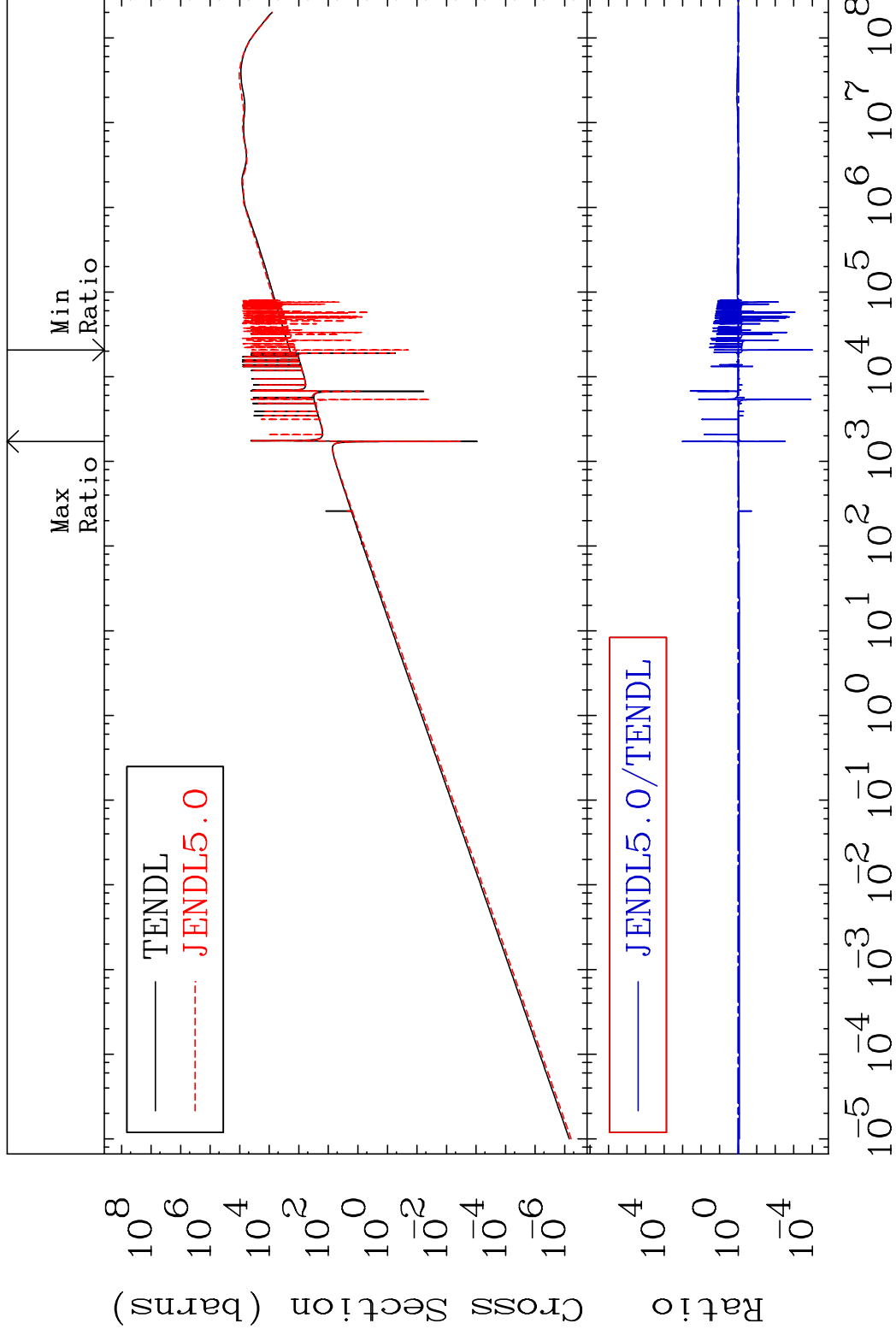
MAT 5055 Dpa disappearance (mt102 -120) 50-Sn-122
 Cross Section -100.0 To 9999. %



MAT 5055

Kerma elastic
Cross Section

50-Sn-122
-99.99 To 9999. %

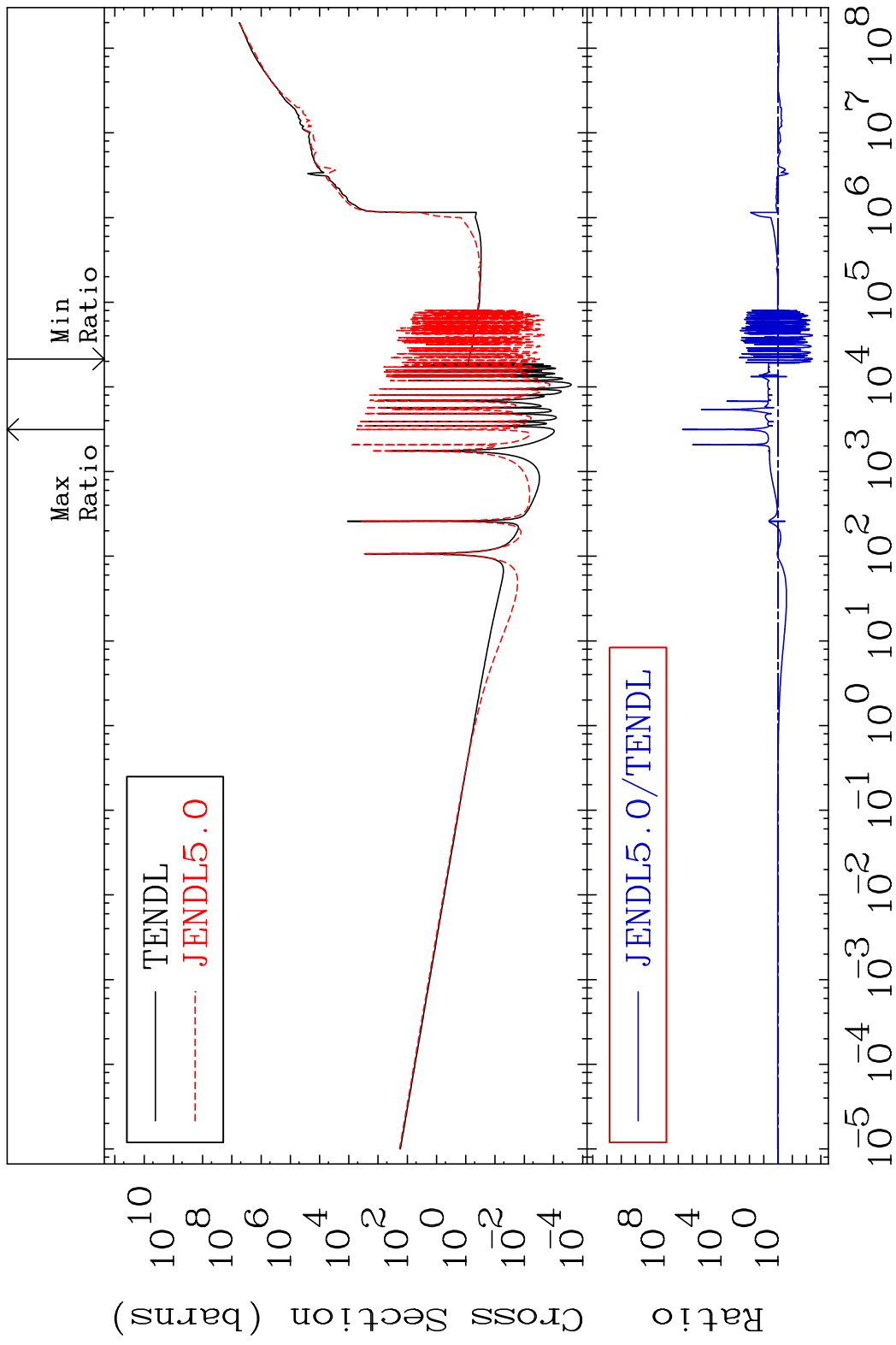


50

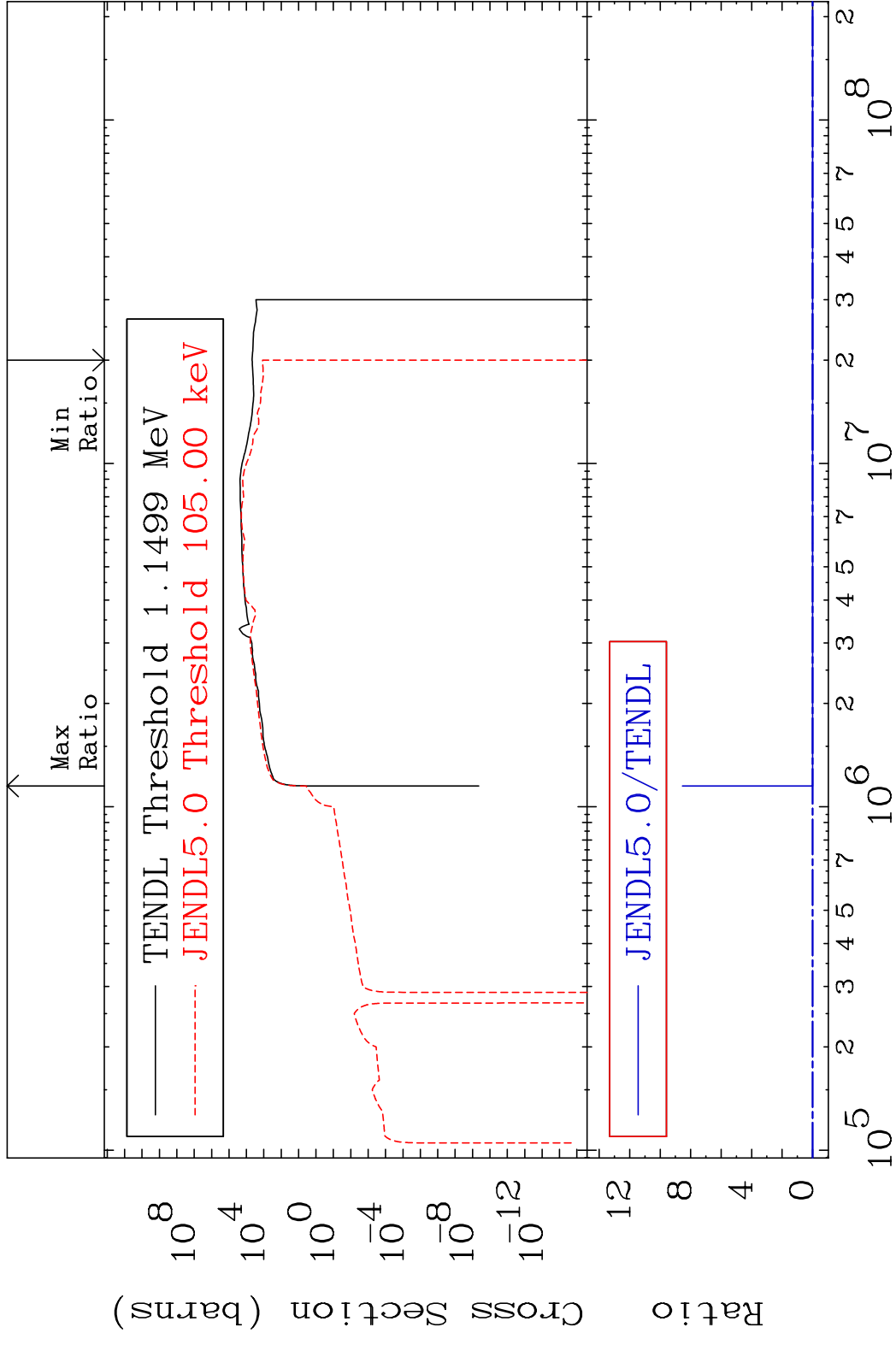
Incident Energy (eV)

50-Sn-122

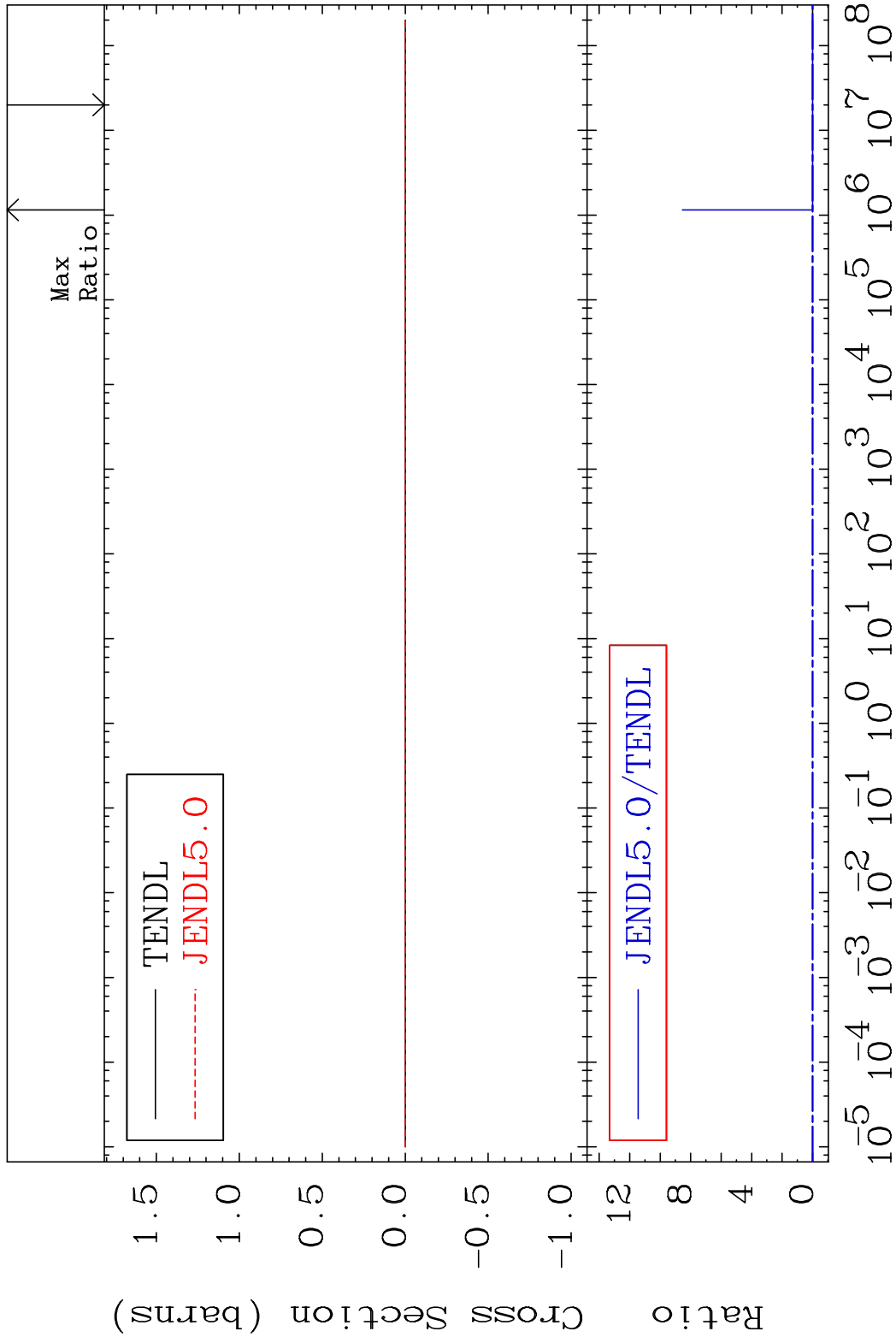
MAT 5055 Kerma non-elastic (all but mt2) 50-Sn-122
 Cross Section -99.62 To 9999. %



MAT 5055 Kerma inelastic (mt51-91) 50-Sn-122
 Cross Section -100.0 To 9999. %



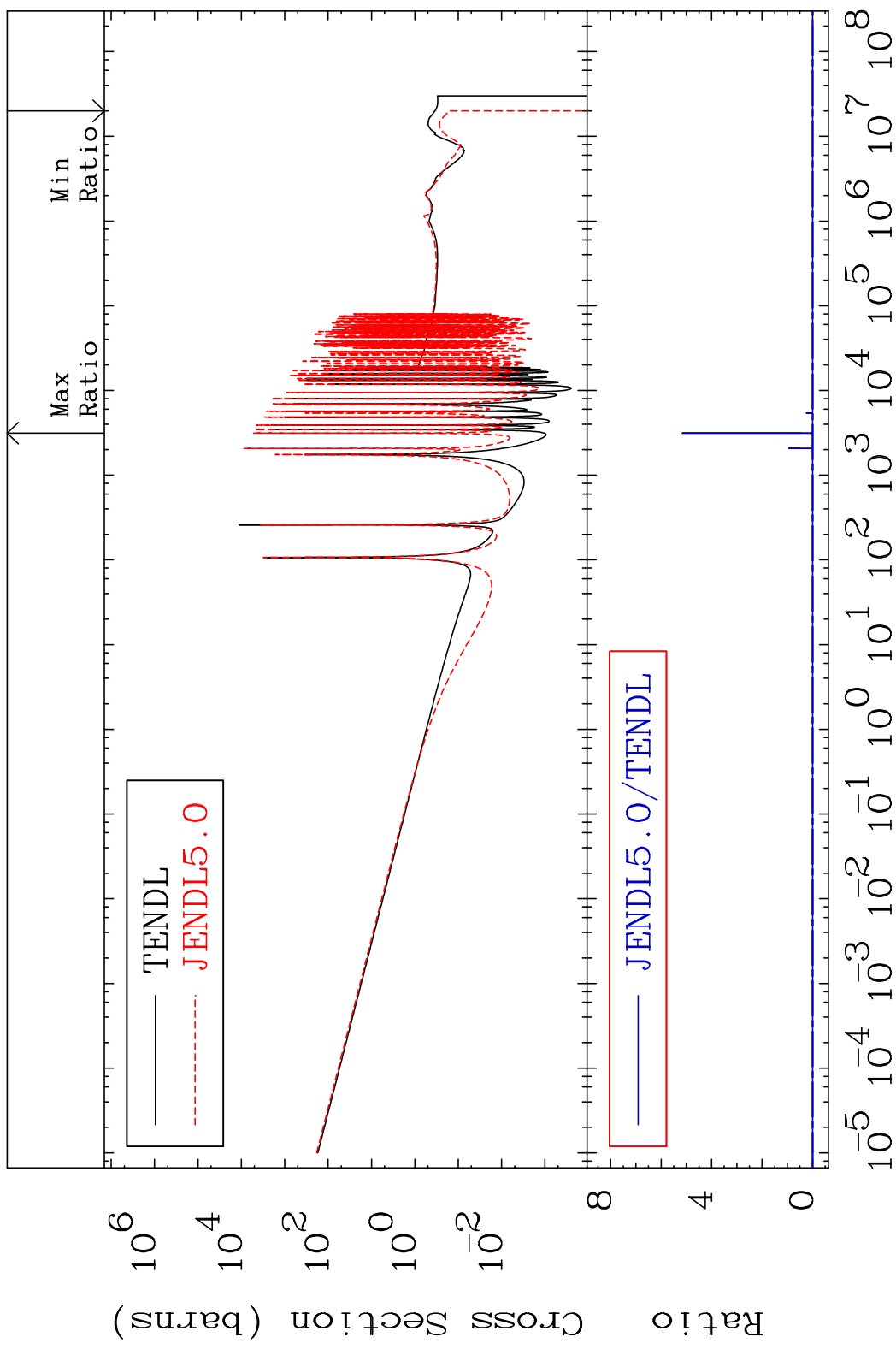
MAT 5055 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-122
 Cross Section -100.0 To 9999. %



MAT 5055

Kerma capture (mt102) 50-Sn-122

Cross Section -100.0 To 9999. %

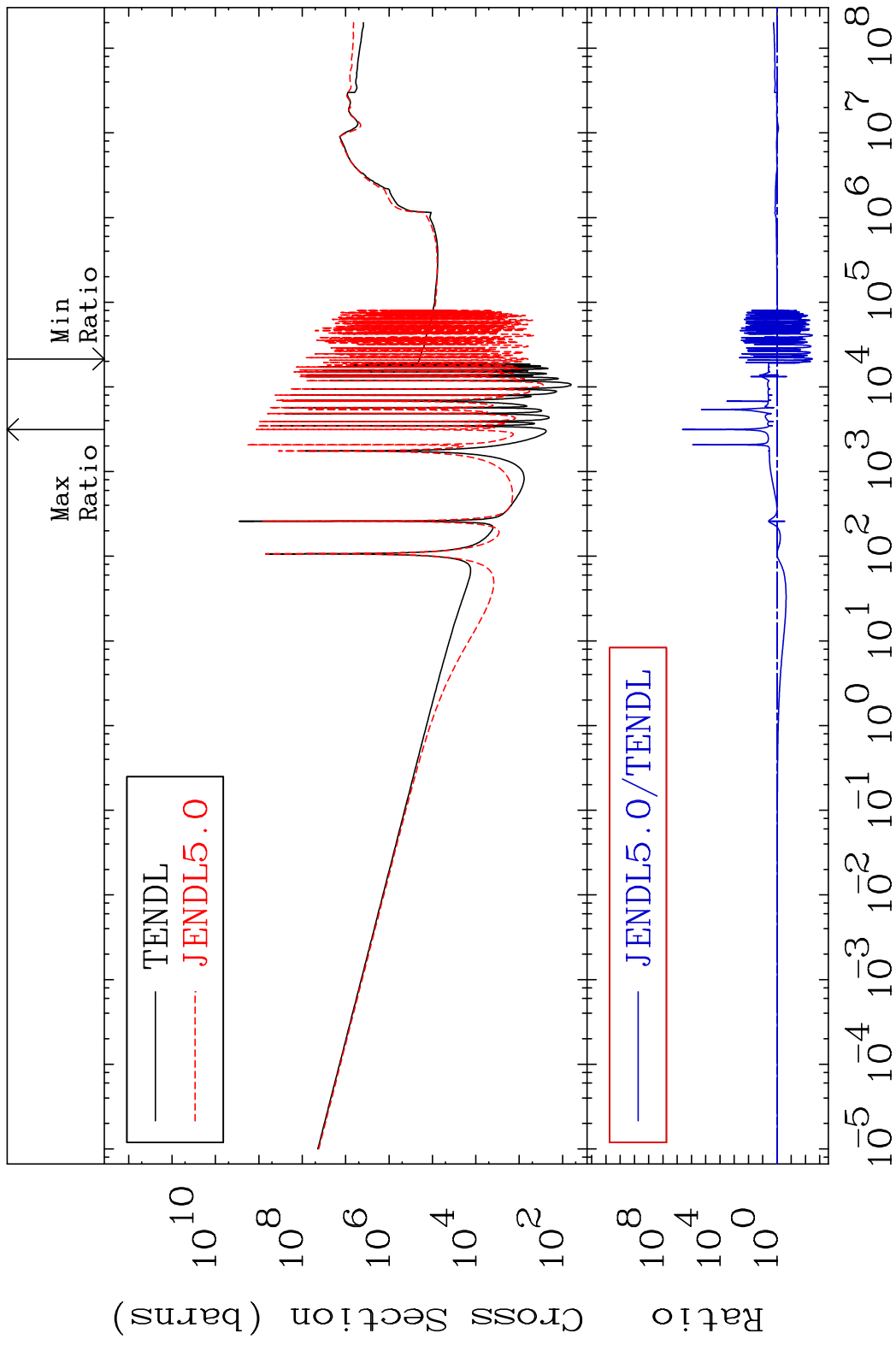


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Incident Energy (eV)

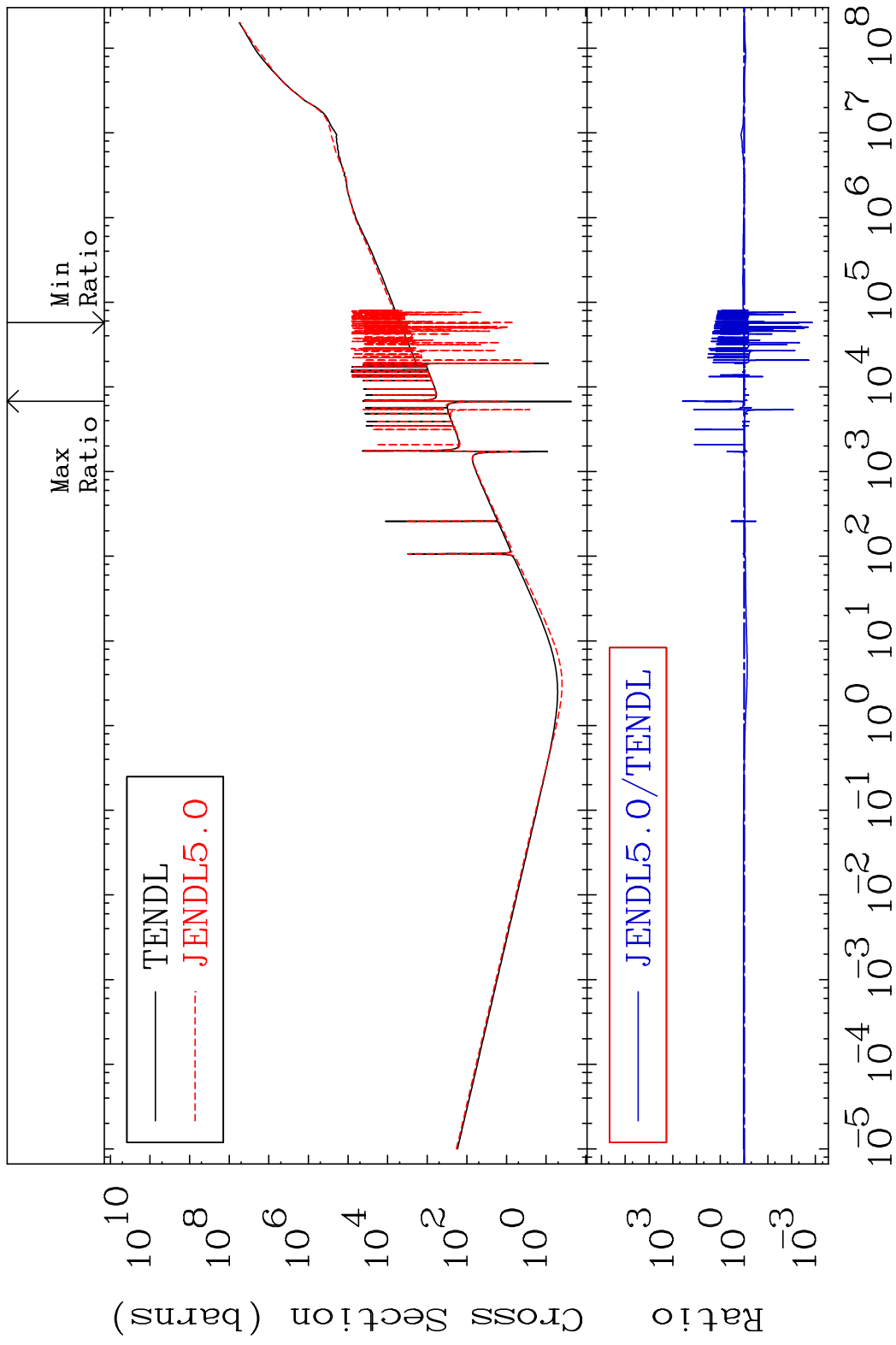
50-Sn-122

MAT 5055 Total photon (eV-barns) 50-Sn-122
Cross Section -99.68 To 9999. %

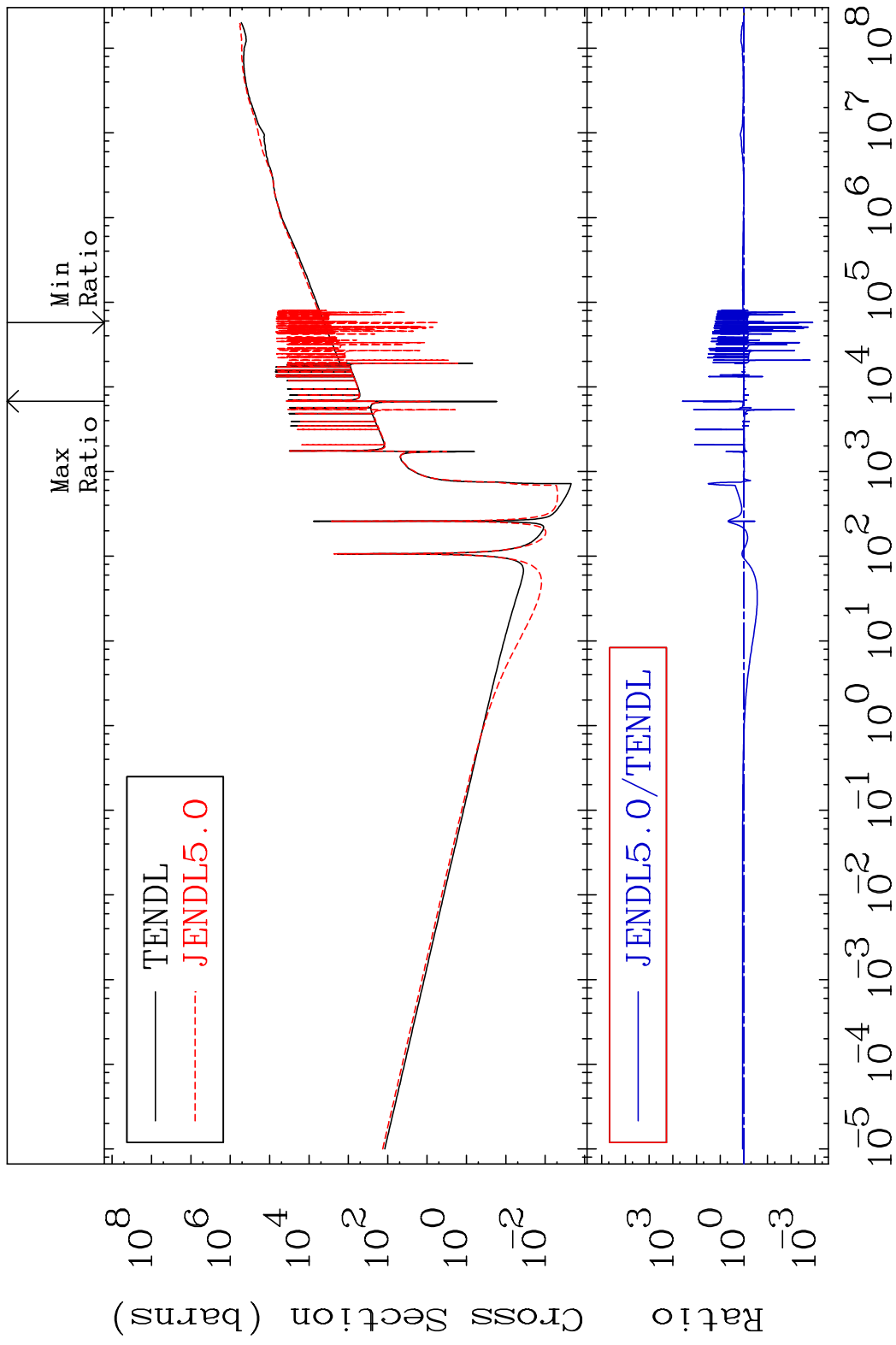


55 Incident Energy (eV) 50-Sn-122

MAT 5055 Total kinematic kerma (high limit) 50-Sn-122
 Cross Section -99.87 To 9999. %



MAT 5055 Dpa total (eV-barns) 50-Sn-122
 Cross Section -99.87 To 9999. %



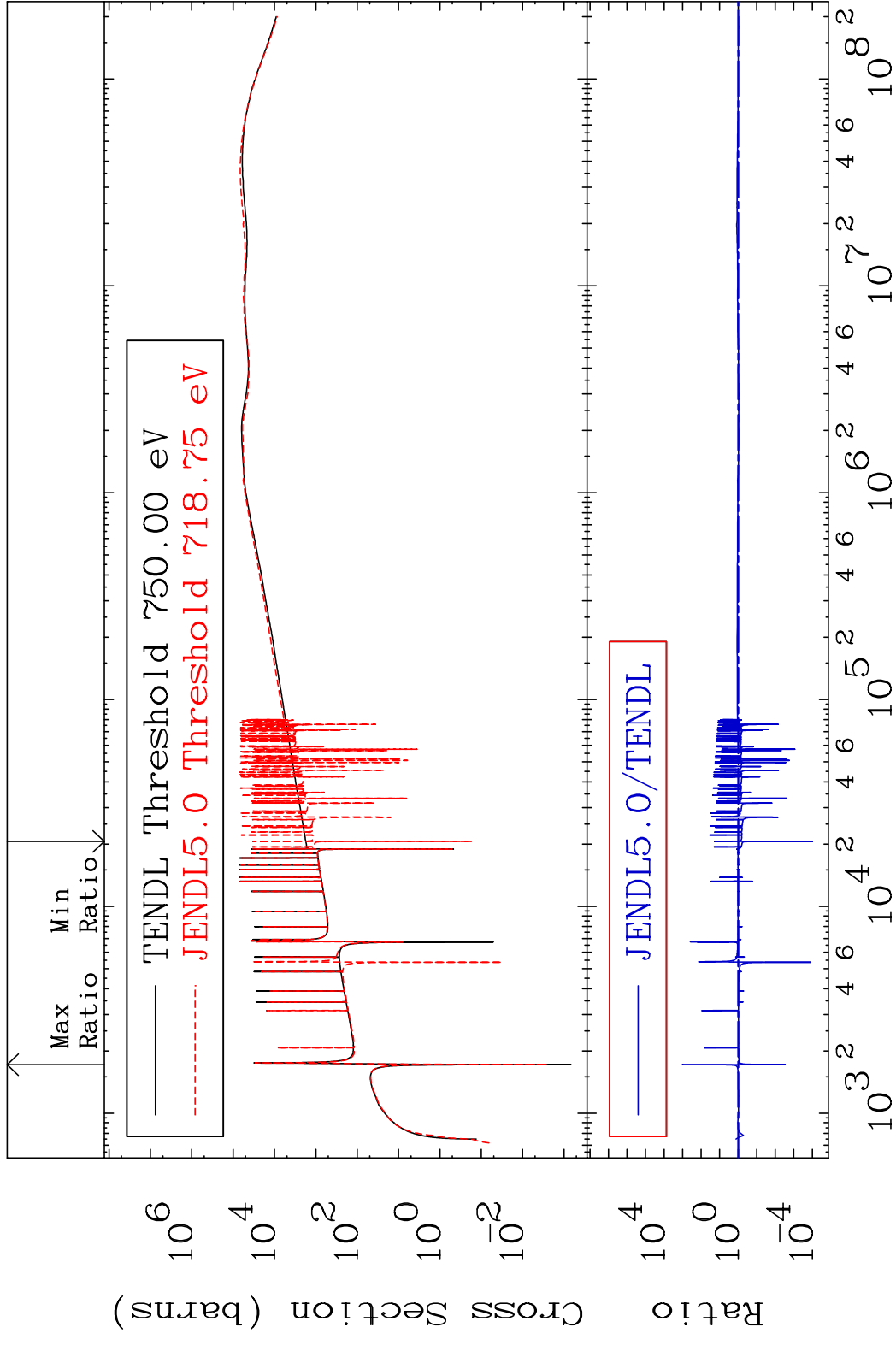
57 Incident Energy (eV) 50-Sn-122

MAT 5055

Dpa elastic (mt2)

50-Sn-122

Cross Section -99.99 To 9999. %



58

Incident Energy (eV)

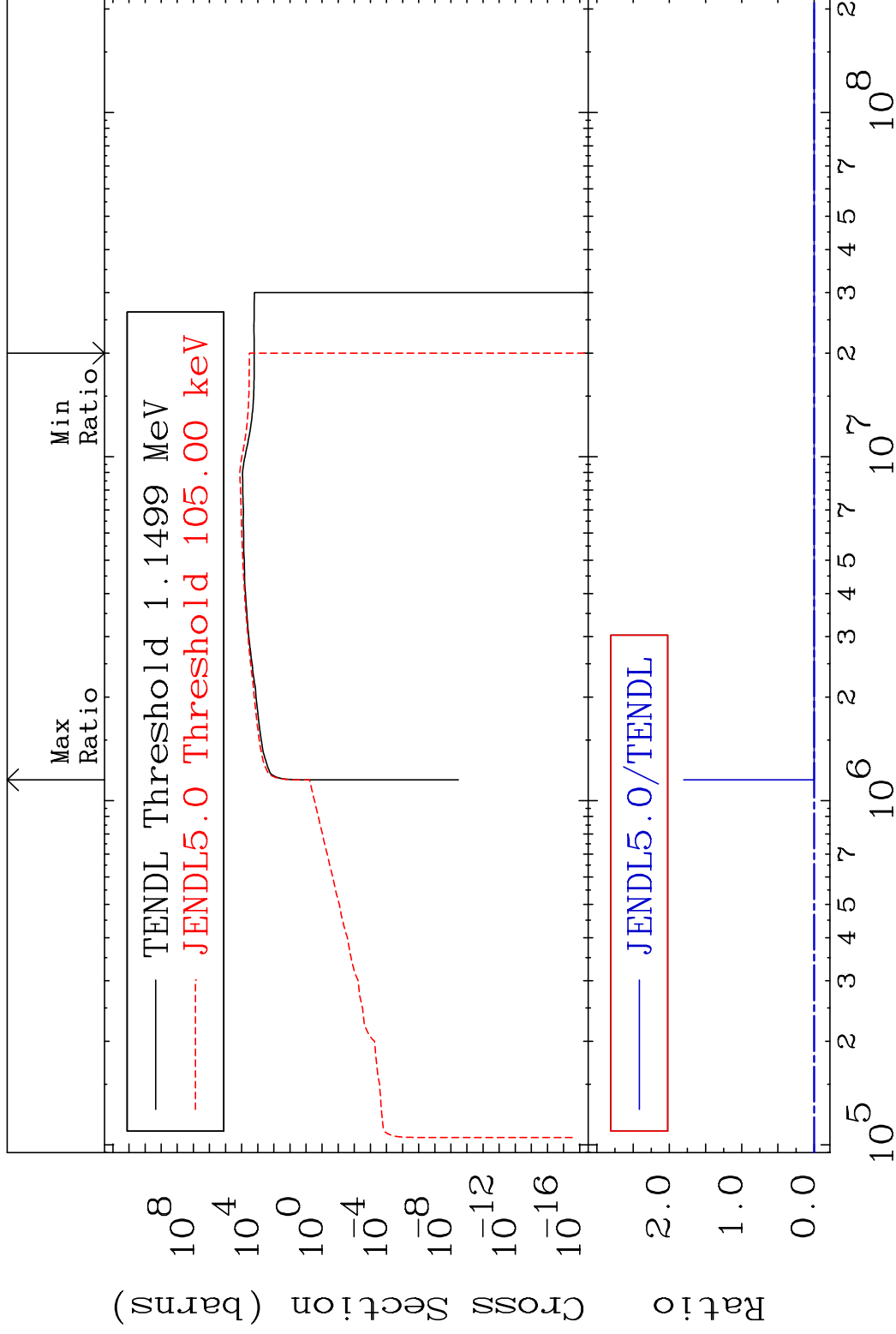
50-Sn-122

MAT 5055

Dpa inelastic (mt51-91)

50-Sn-122

Cross Section -100.0 To 9999. %

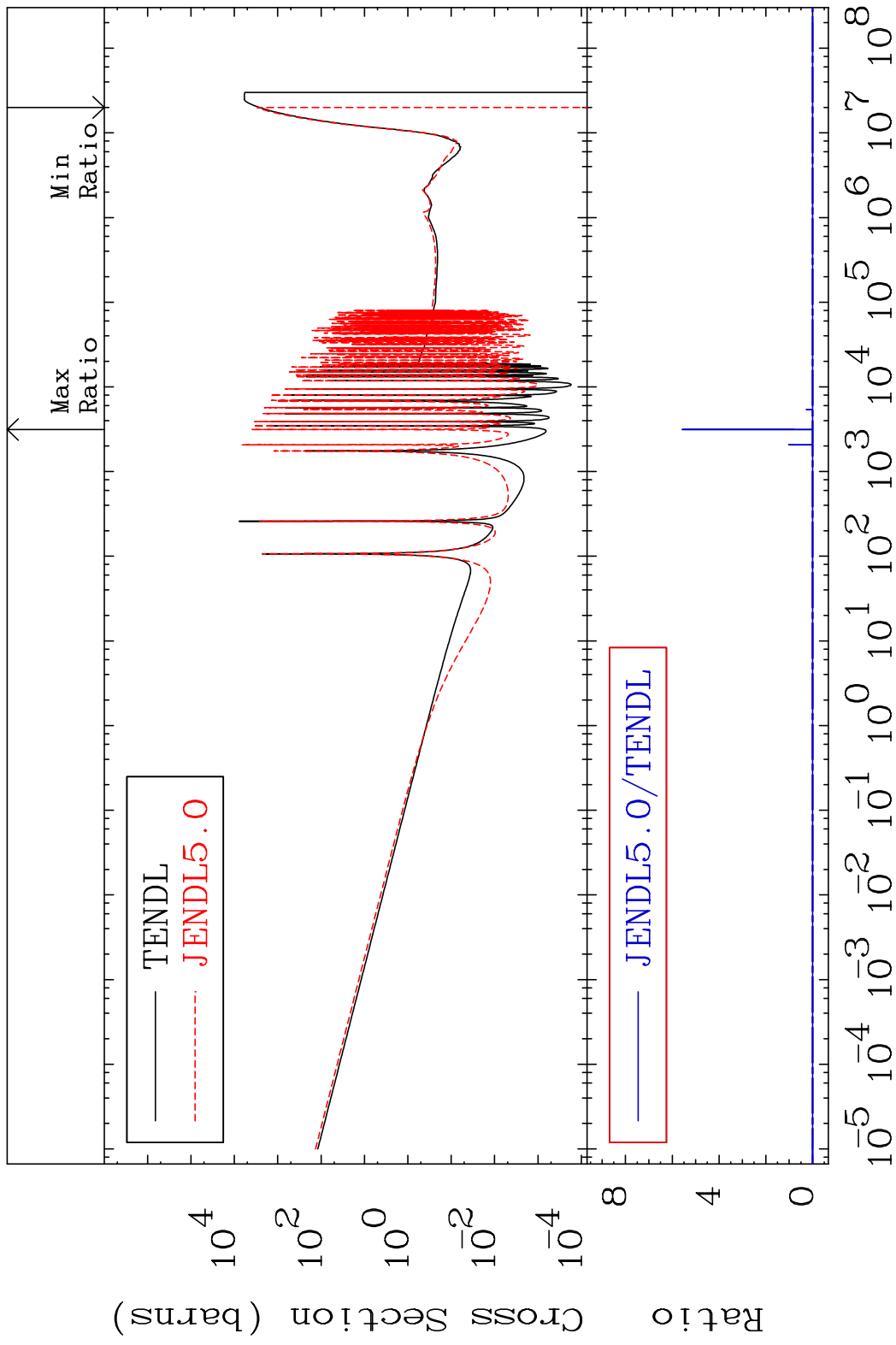


59

Incident Energy (eV)

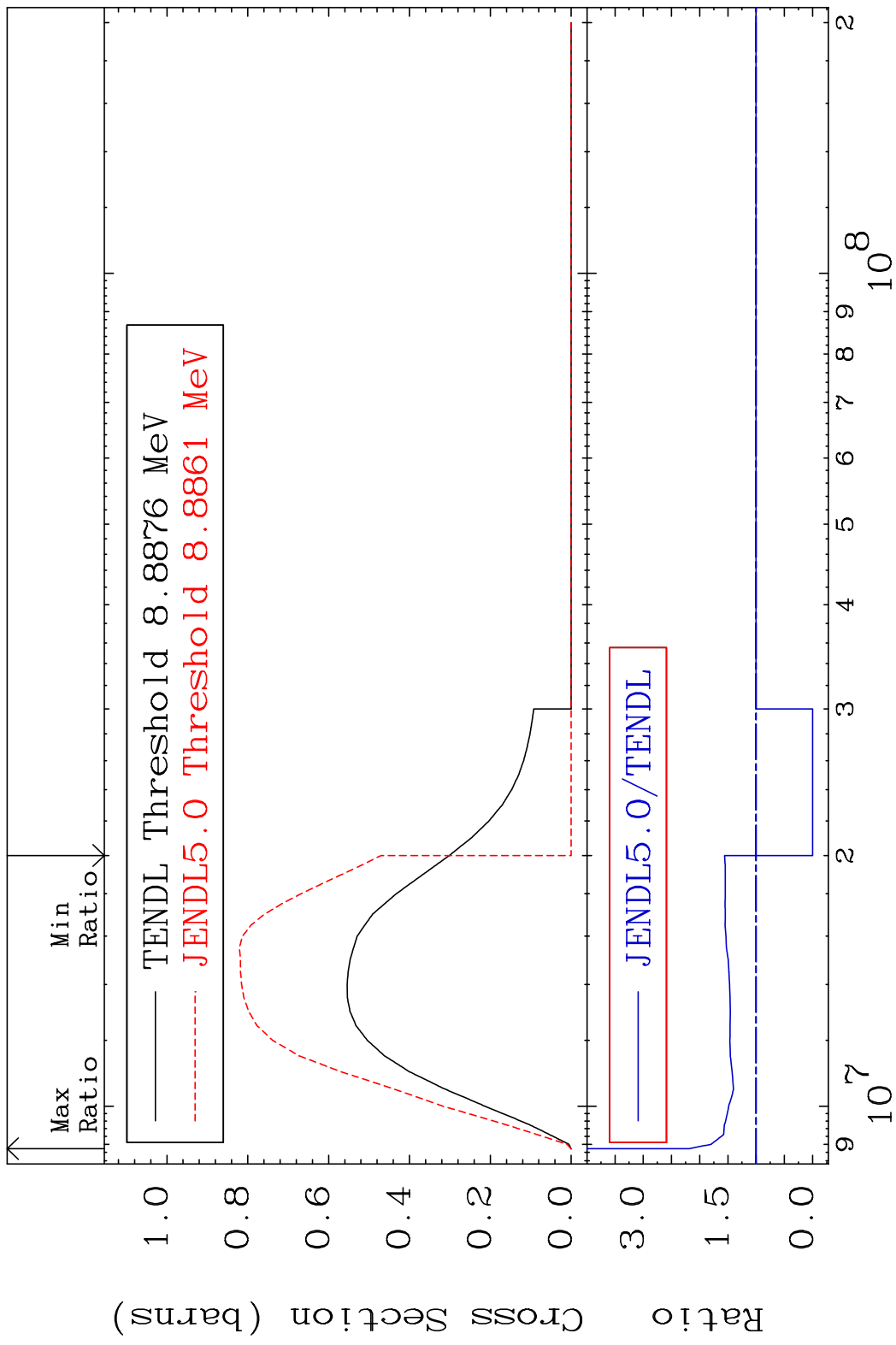
50-Sn-122

MAT 5055 Dpa disappearance (mt102 -120) 50-Sn-122
Cross Section -100.0 To 9999. %

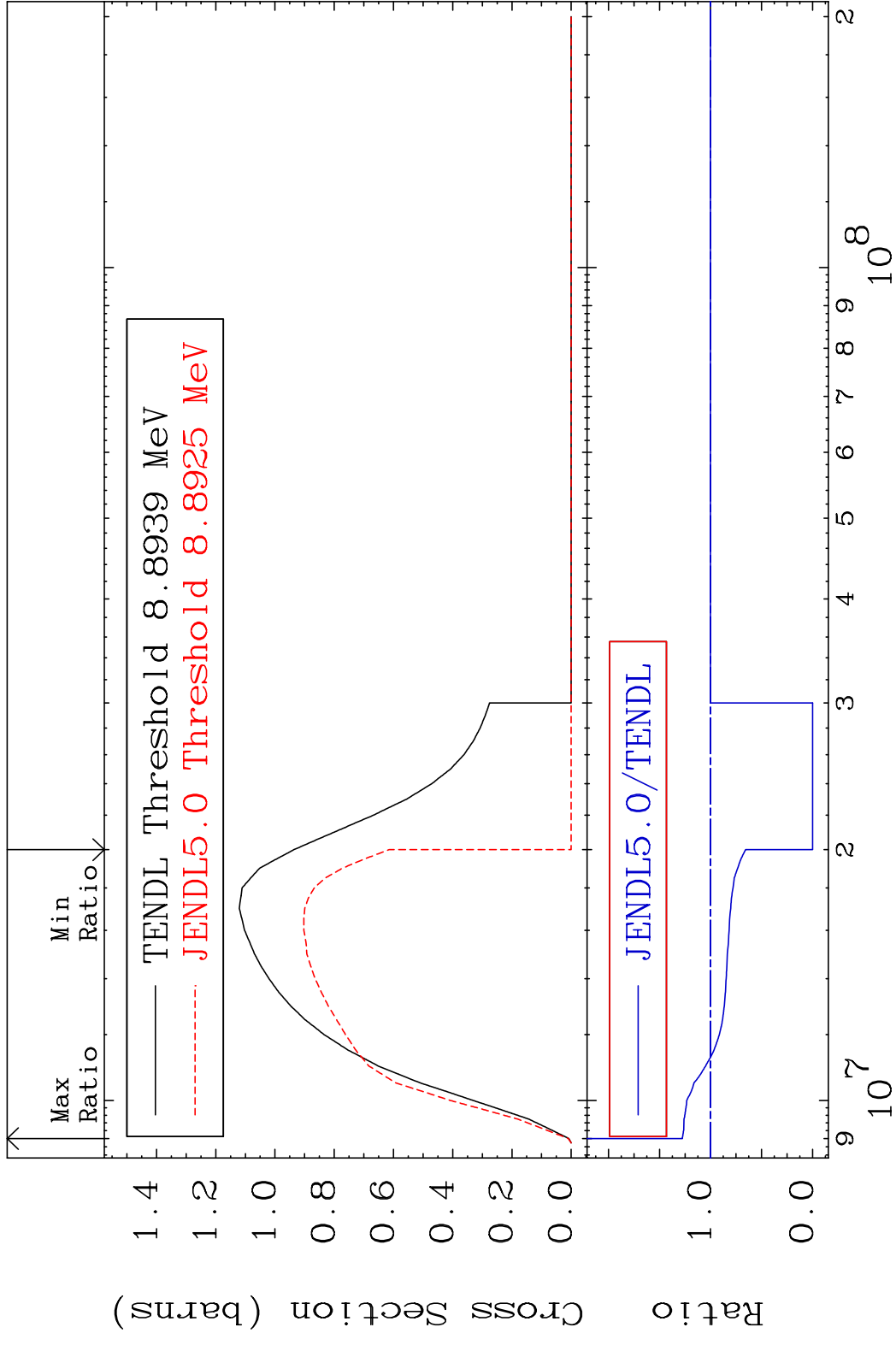


60 Incident Energy (eV) 50-Sn-122

MAT 5055 (n,2n):50-Sn-121g 50-Sn-122
 Radionuclide Production Cross Section 130.7 %

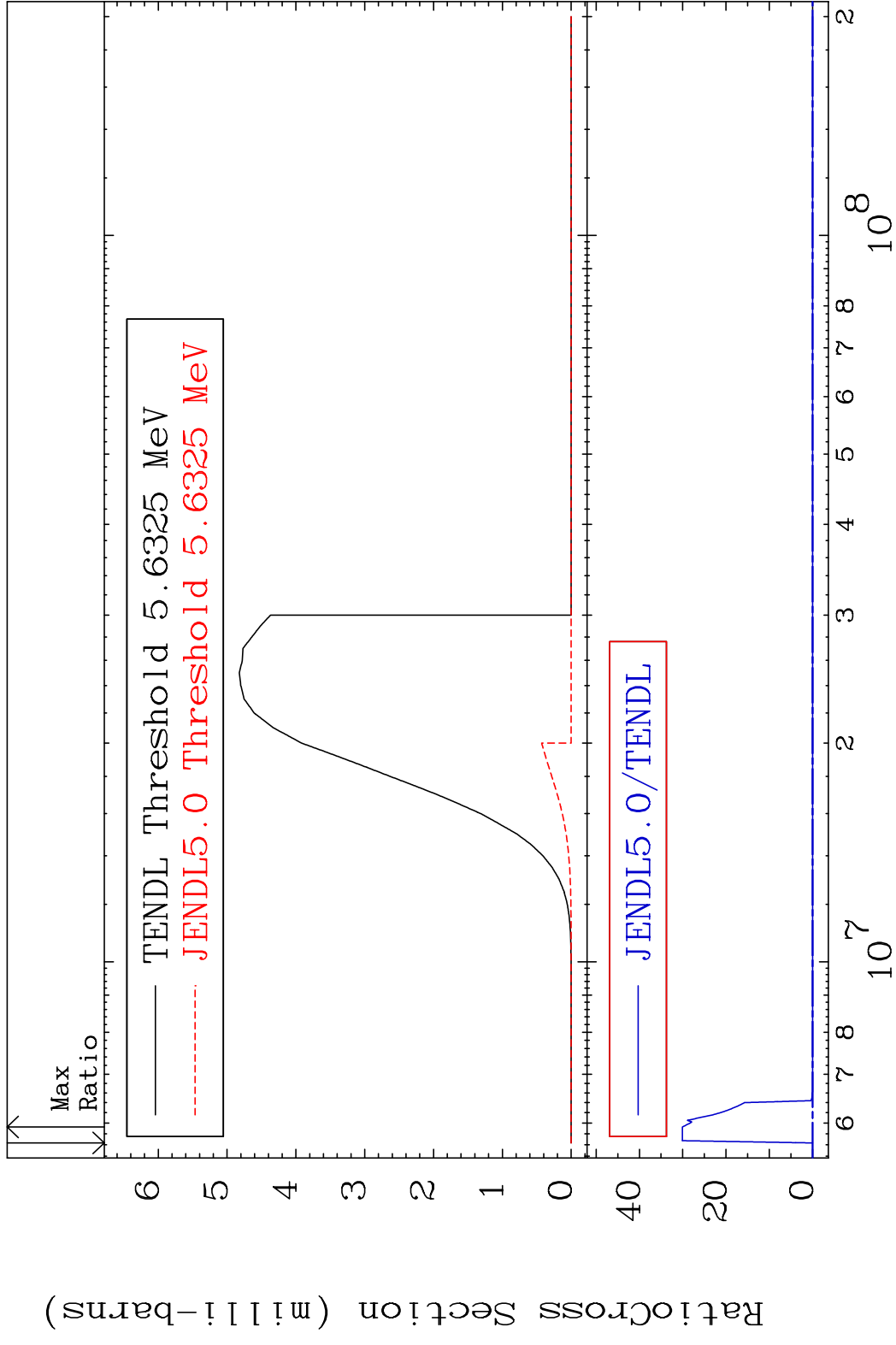


MAT 5055 (n,2n):50-Sn-121m1 50-Sn-122
 Radionuclide Production Cross Section 180.01 dpo 27.62 %



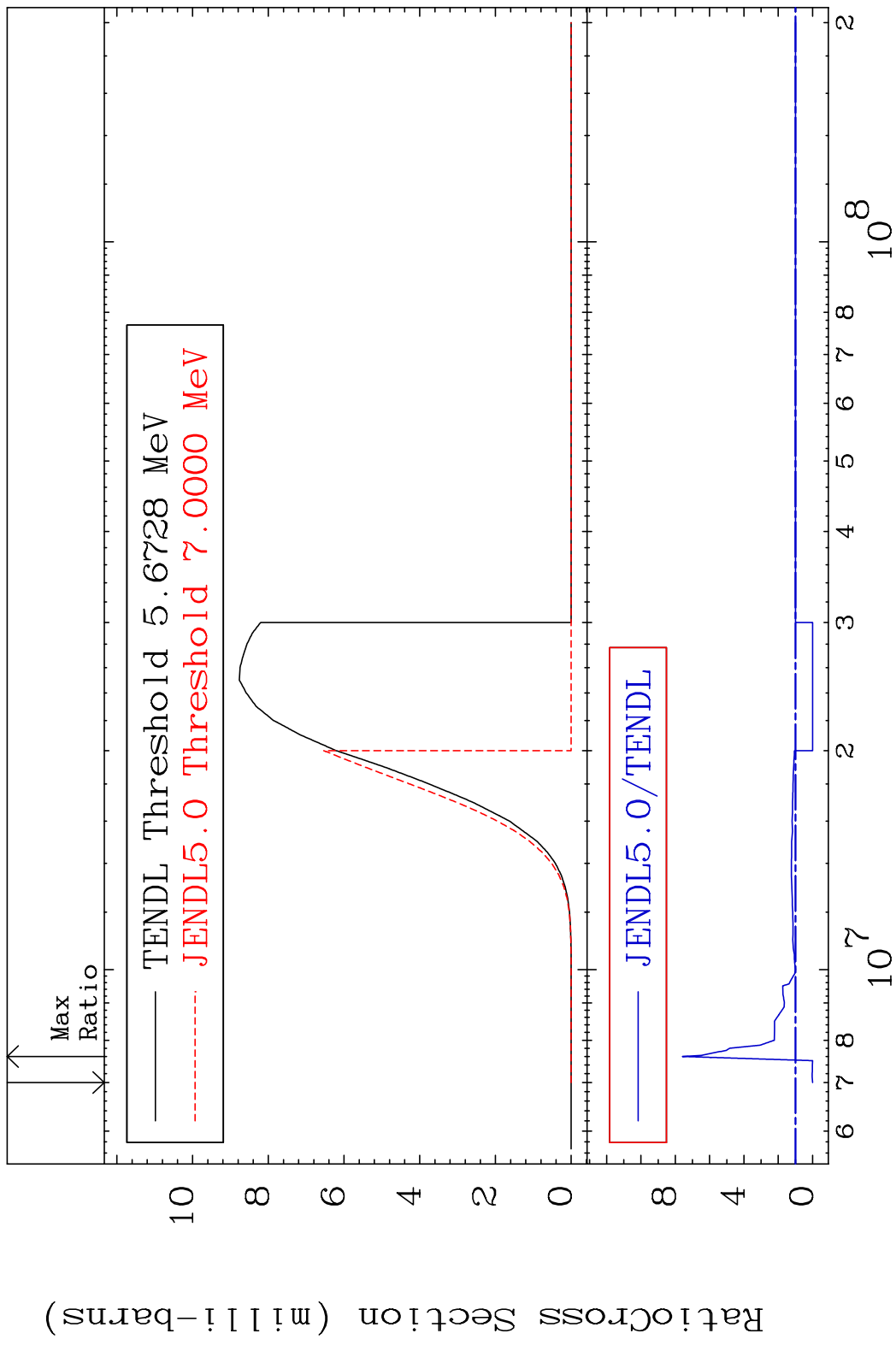
62 Incident Energy (eV) 50-Sn-122

MAT 5055 (n,p):49-In-122g 50-Sn-122
 Radionuclide Production Cross Section 100.00 dth 9999. %



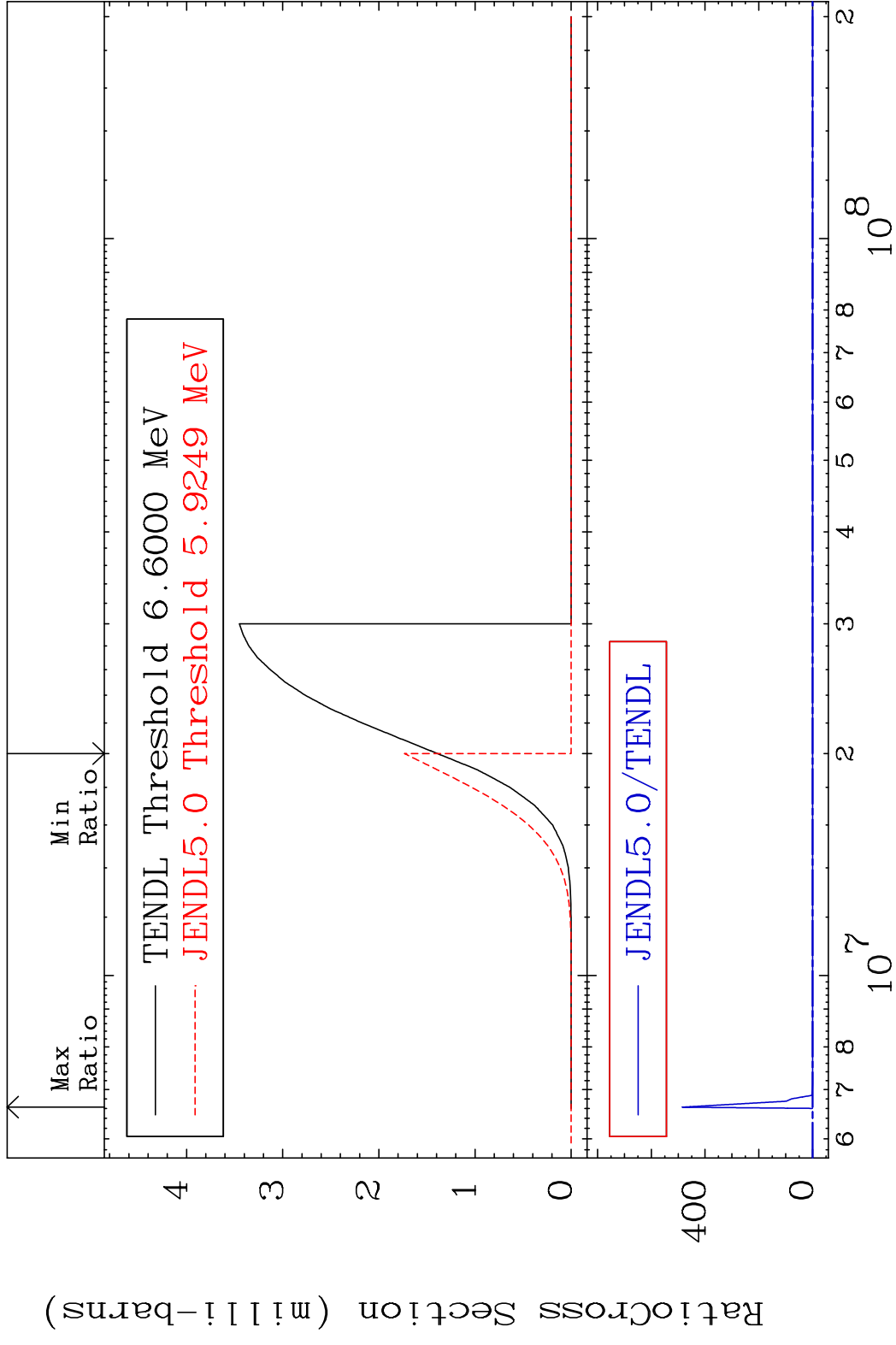
65 Incident Energy (eV) 50-Sn-122

MAT 5055 (n, p): 49-In-122m1 50-Sn-122
 Radionuclide Production Cross Section 658.8 %

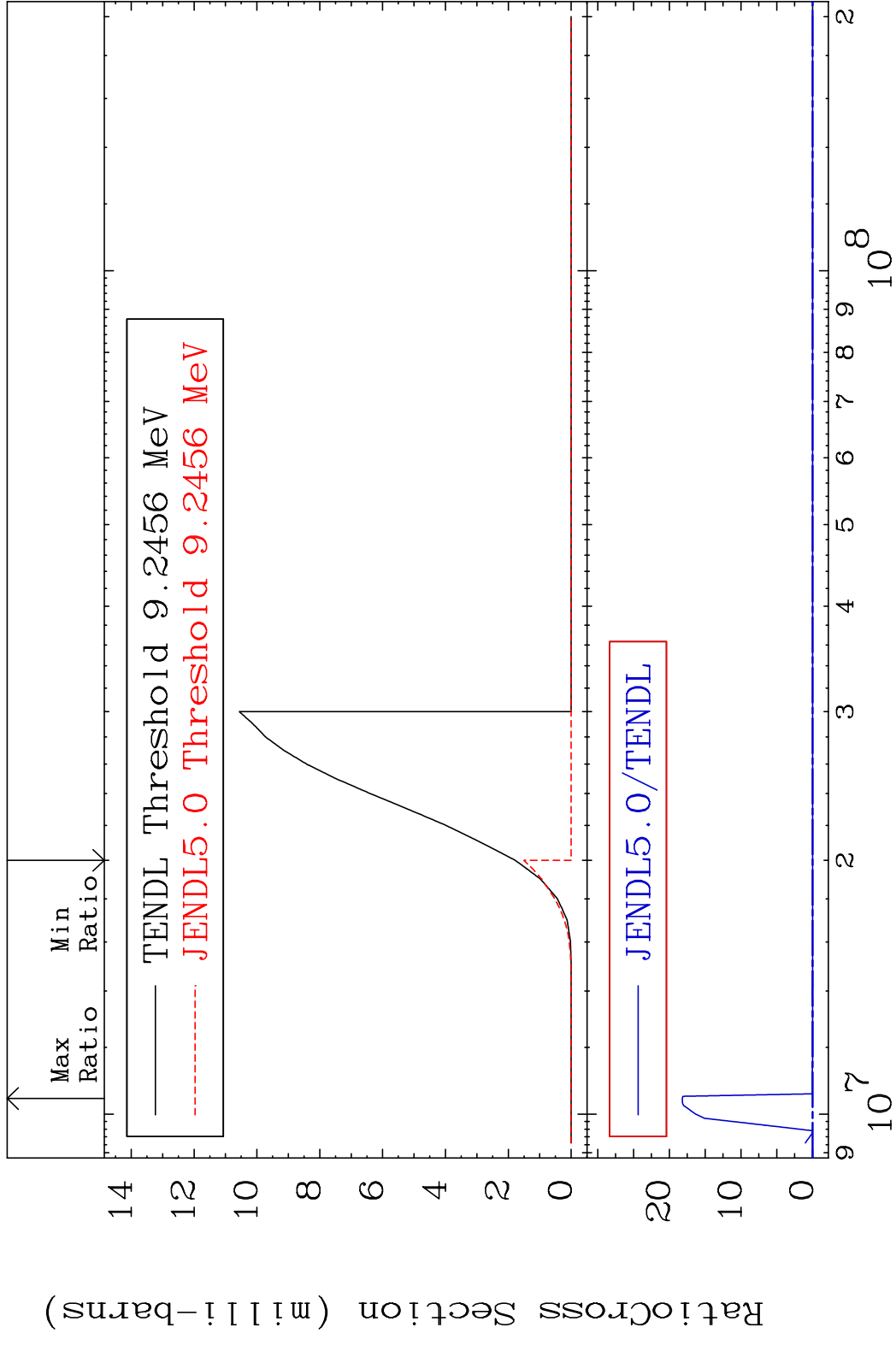


66 Incident Energy (eV) 50-Sn-122

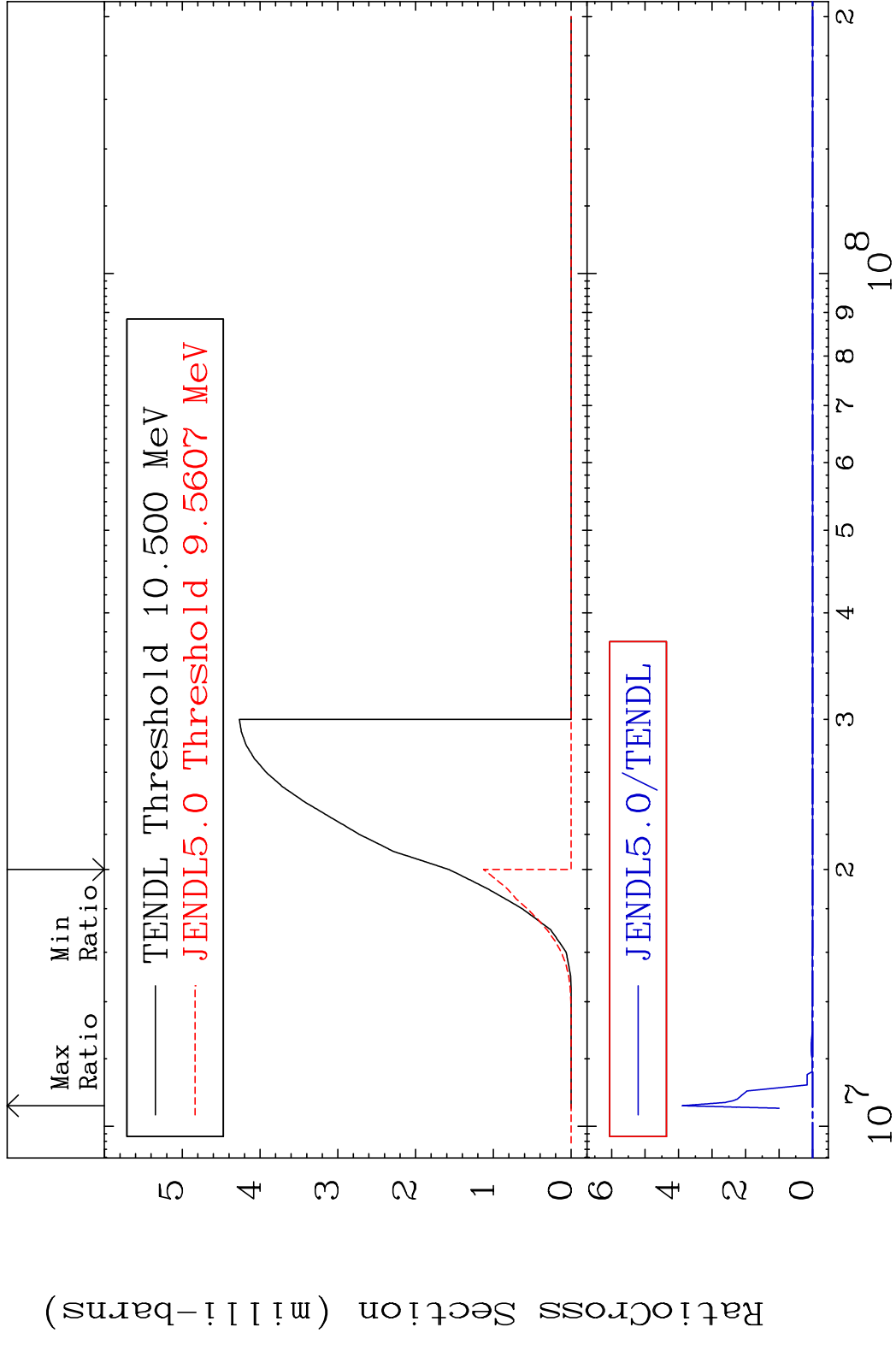
MAT 5055 (n, p): 49-In-122m5 50-Sn-122
 Radionuclide Production Cross Section 100.00 %
 100.00 %



MAT 5055 (n,d):49-In-121g 50-Sn-122
 Radionuclide Production Cross Section 100.00 dth 9999. %

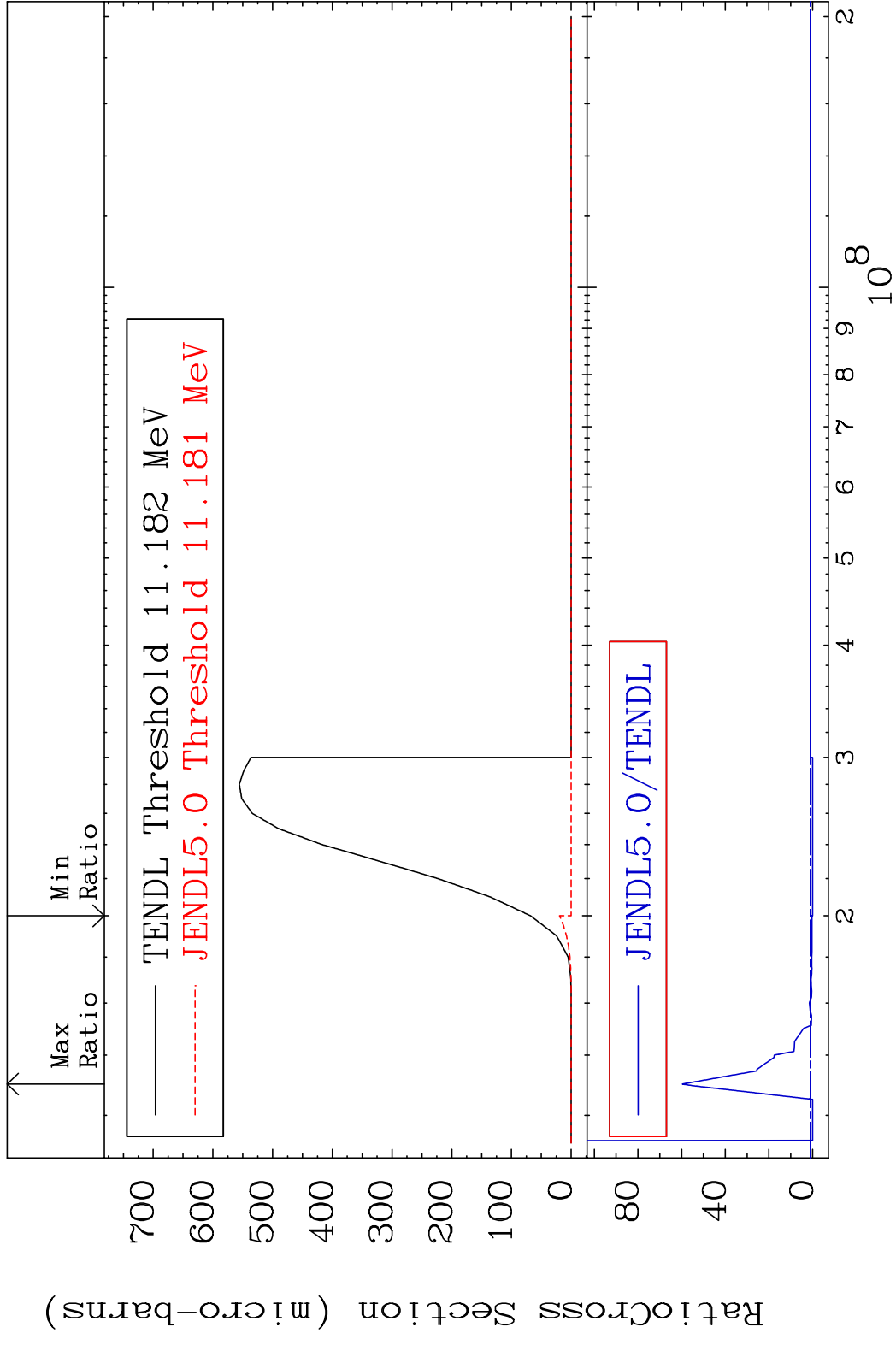


MAT 5055 (n, d):49-In-121m1 50-Sn-122
 Radionuclide Production Cross Section (%)

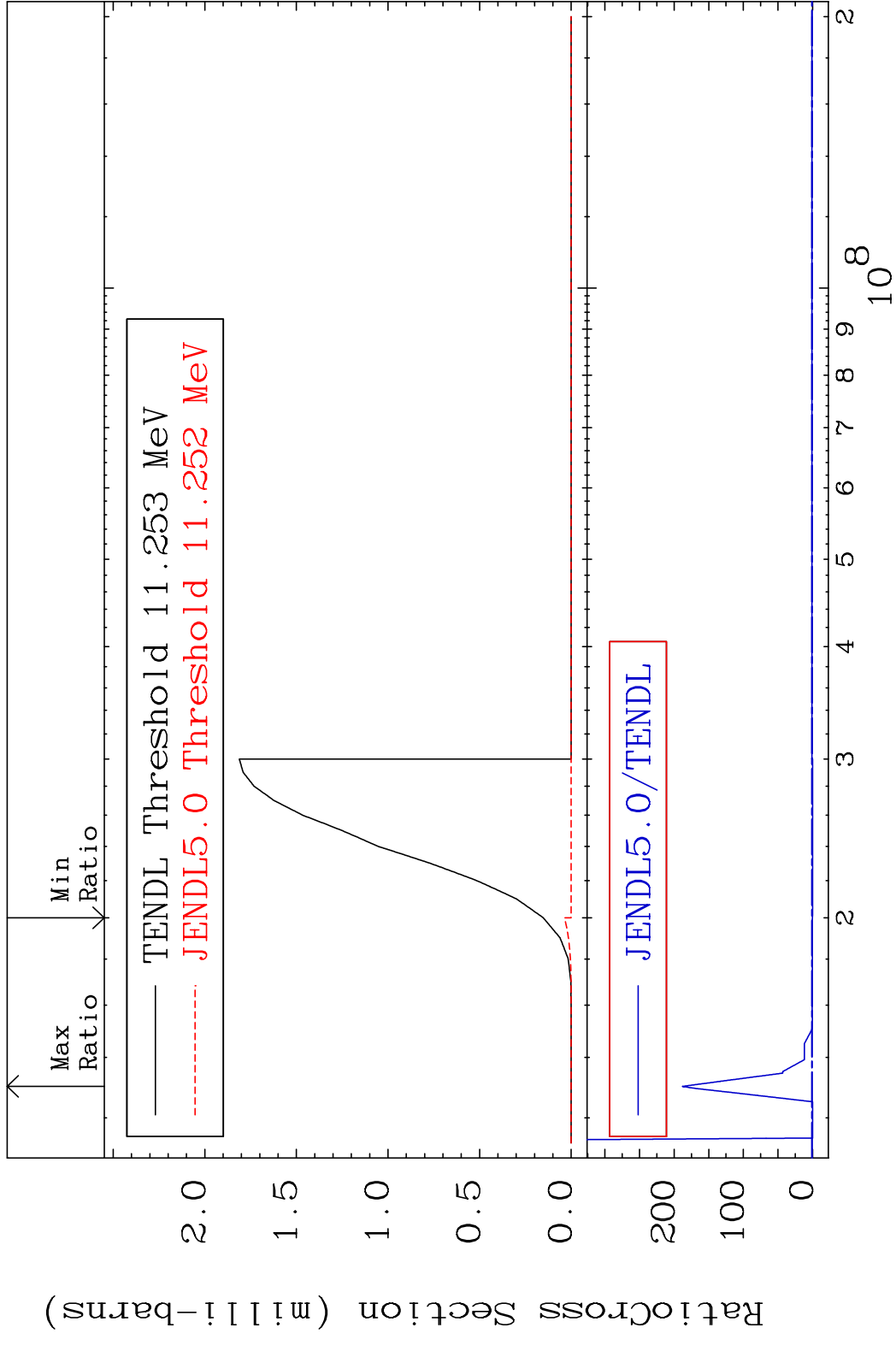


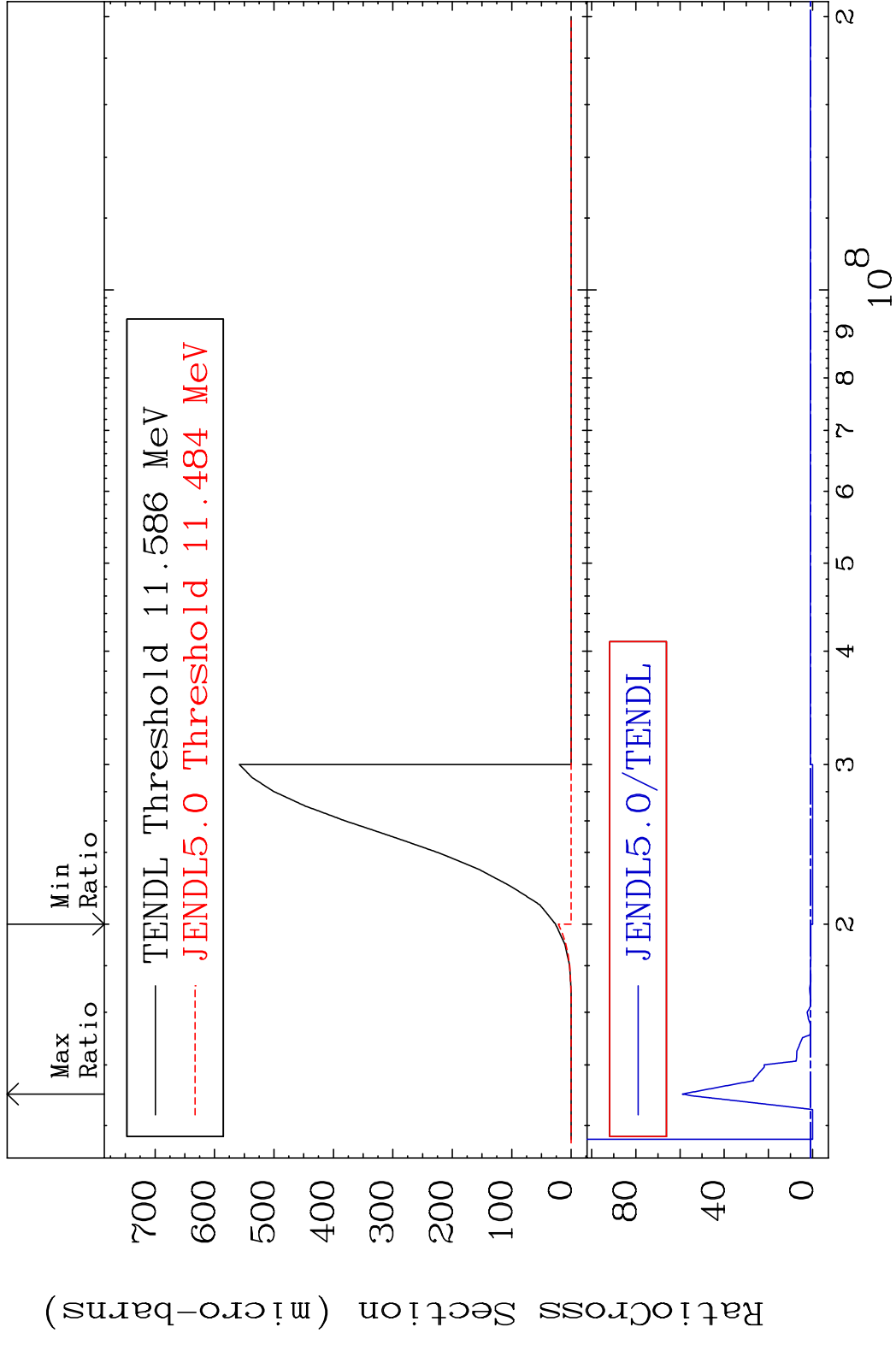
69 50-Sn-122

MAT 5055 (n, t): 49-In-120g 50-Sn-122
 Radionuclide Production Cross Section 5865. %

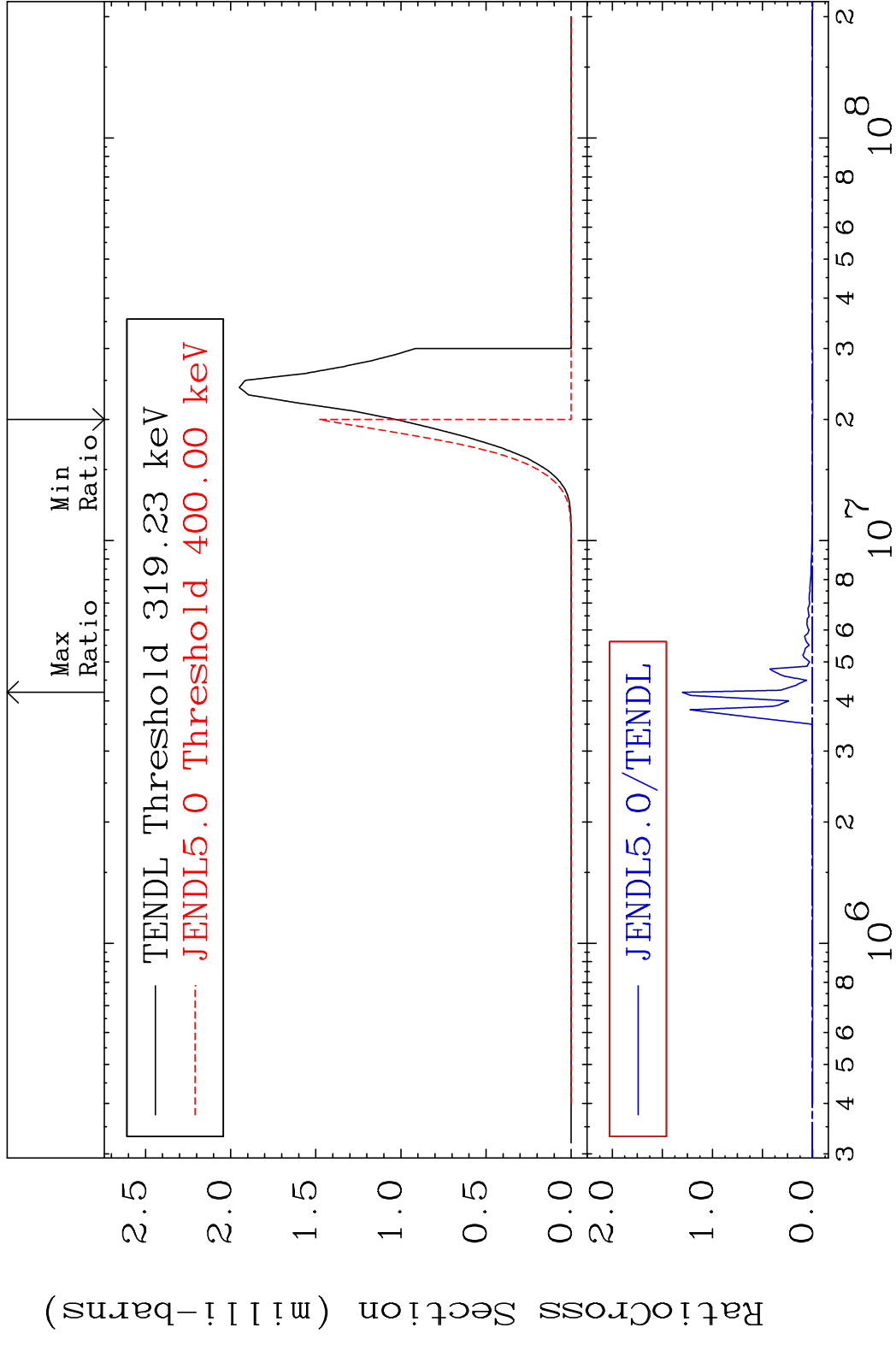


70 Incident Energy (eV) 50-Sn-122

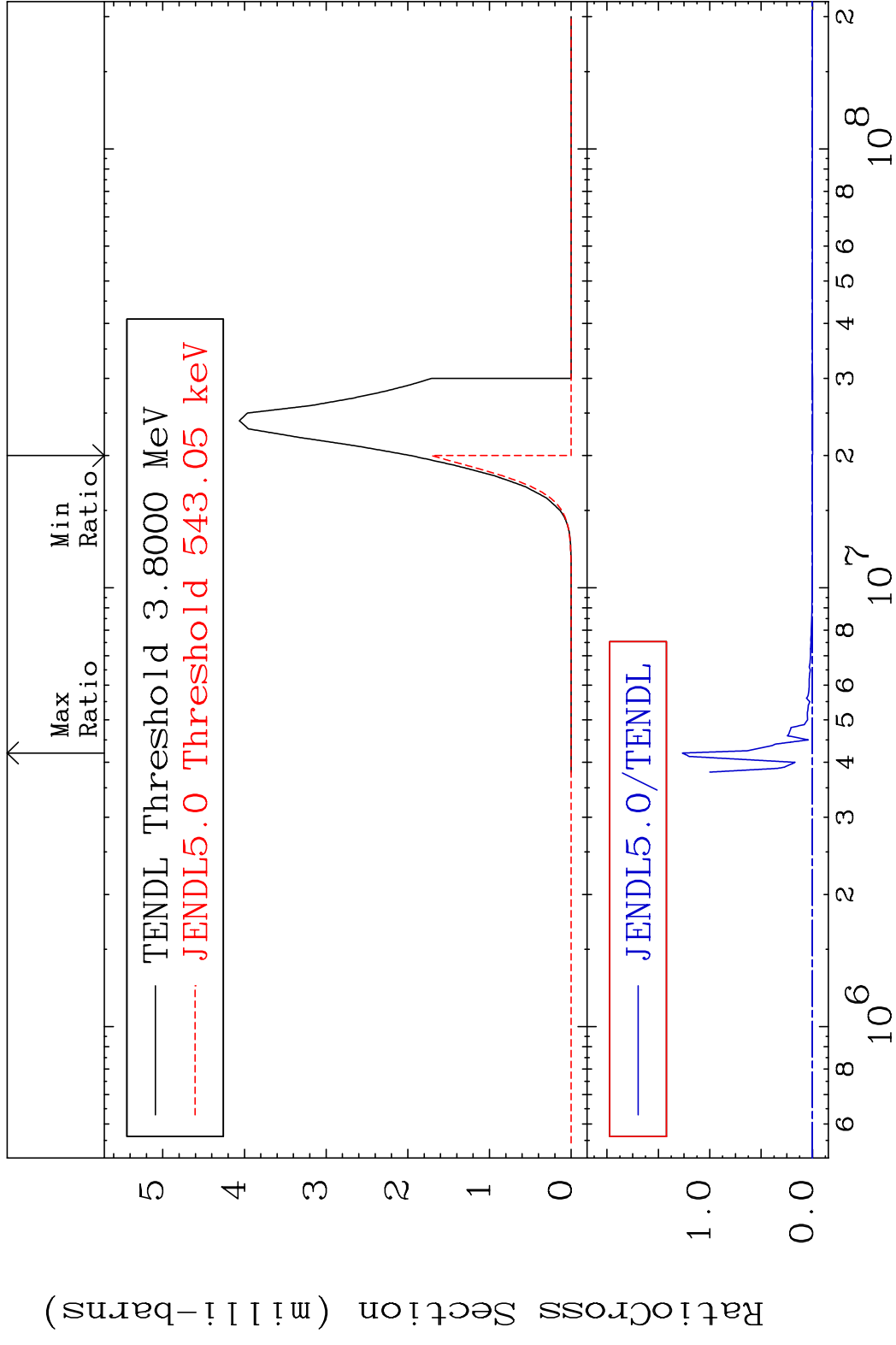




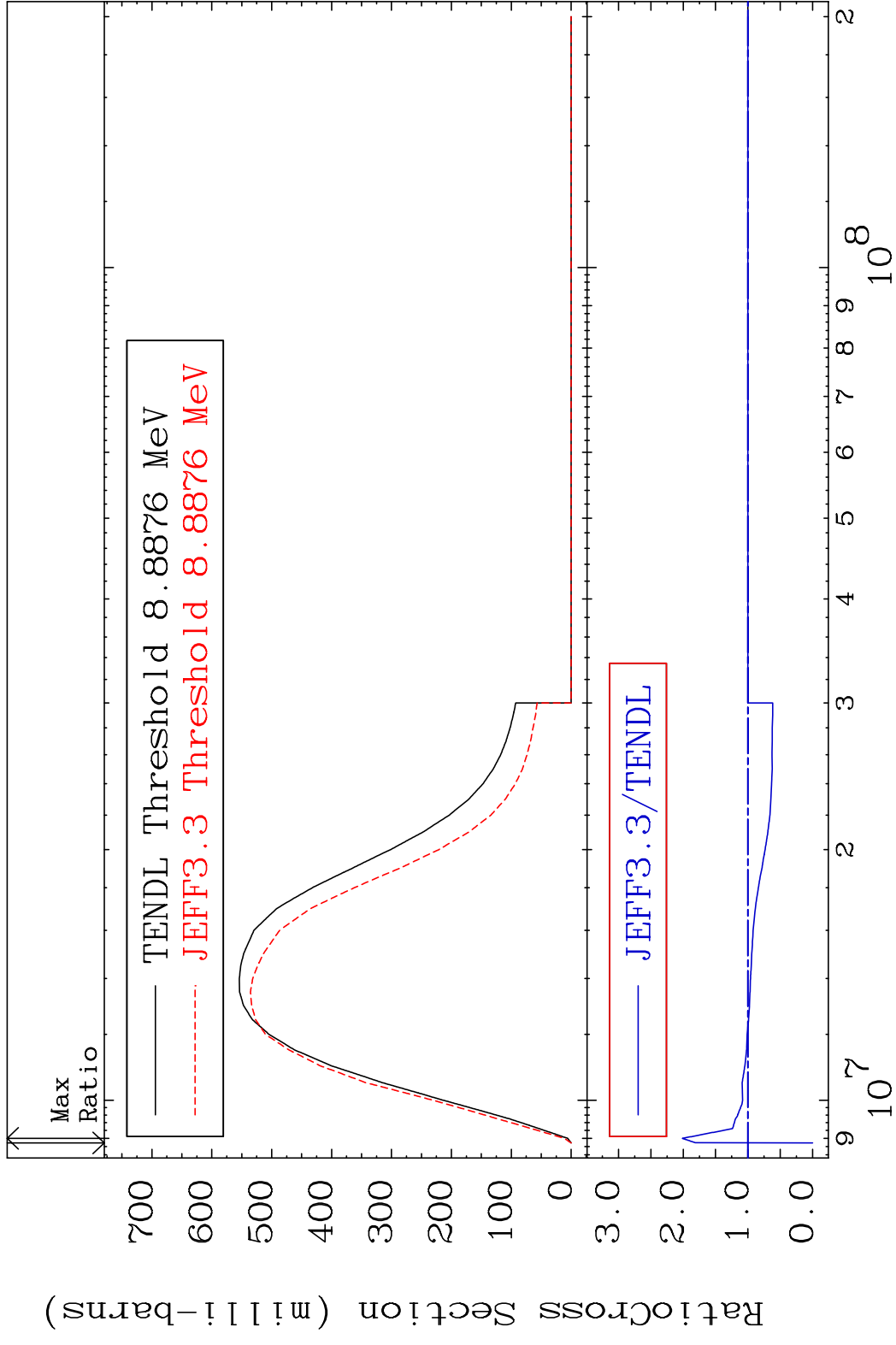
MAT 5055 (n,α):48-Cd-119g 50-Sn-122
 Radionuclide Production Cross Section 100.00 dth 9999. %



MAT 5055 (n, α): 48-Cd-119m2 50-Sn-122
 Radionuclide Production Cross Section Ratio 9999. %

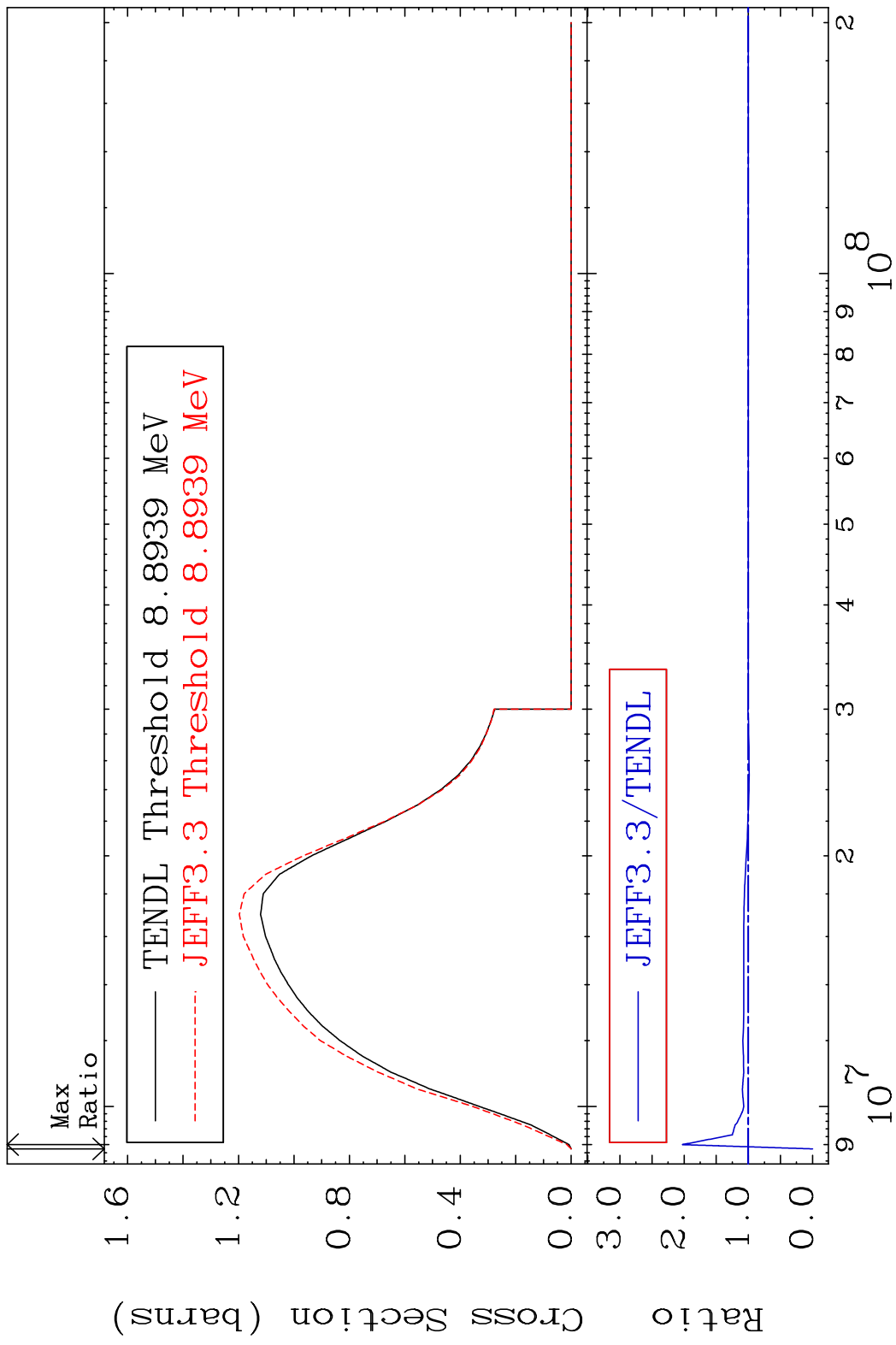


MAT 5055 (n,2n):50-Sn-121g 50-Sn-122
 Radionuclide Production Cross Section 100.0 mb 101.4 %

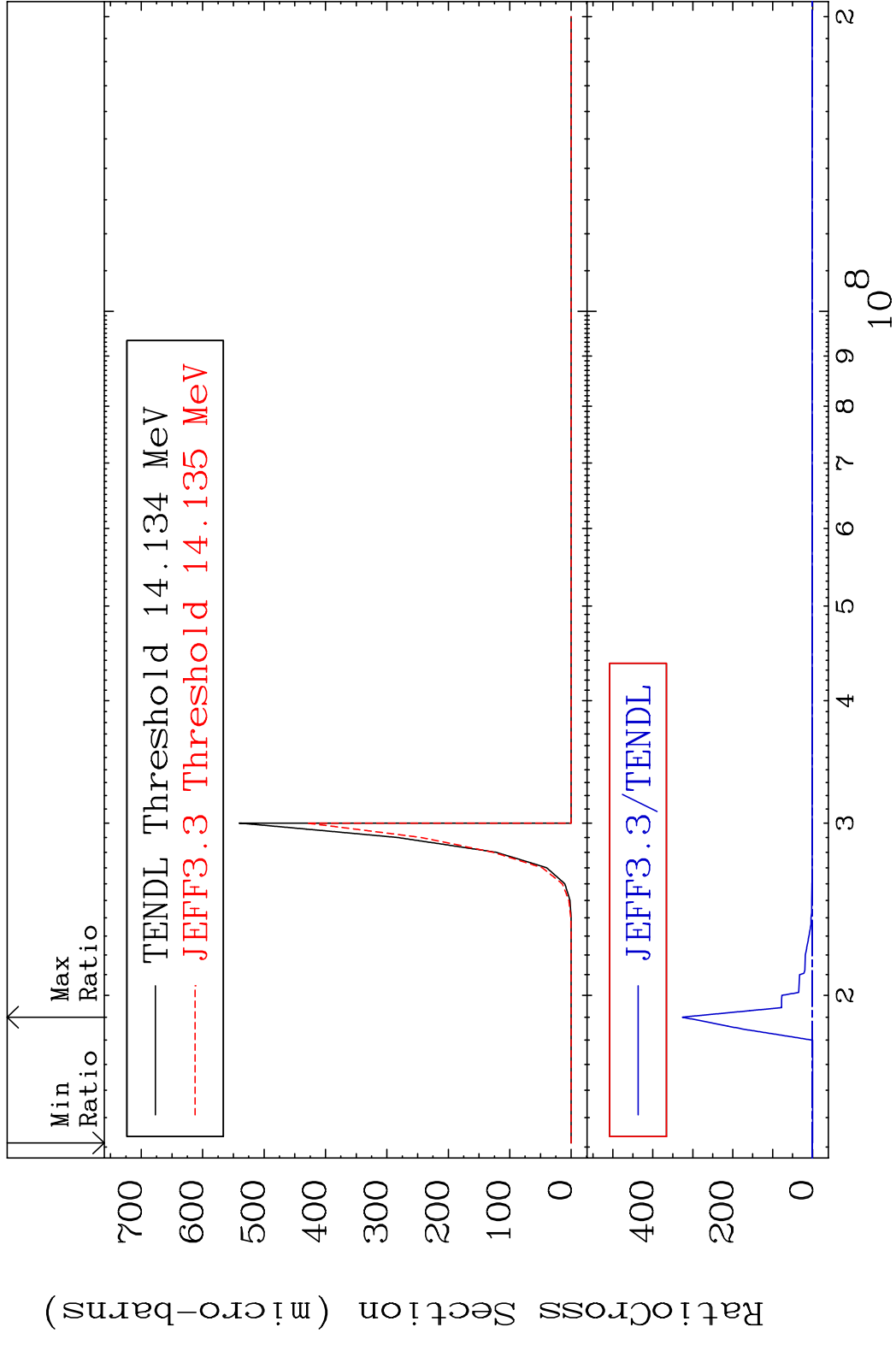


75 50-Sn-122

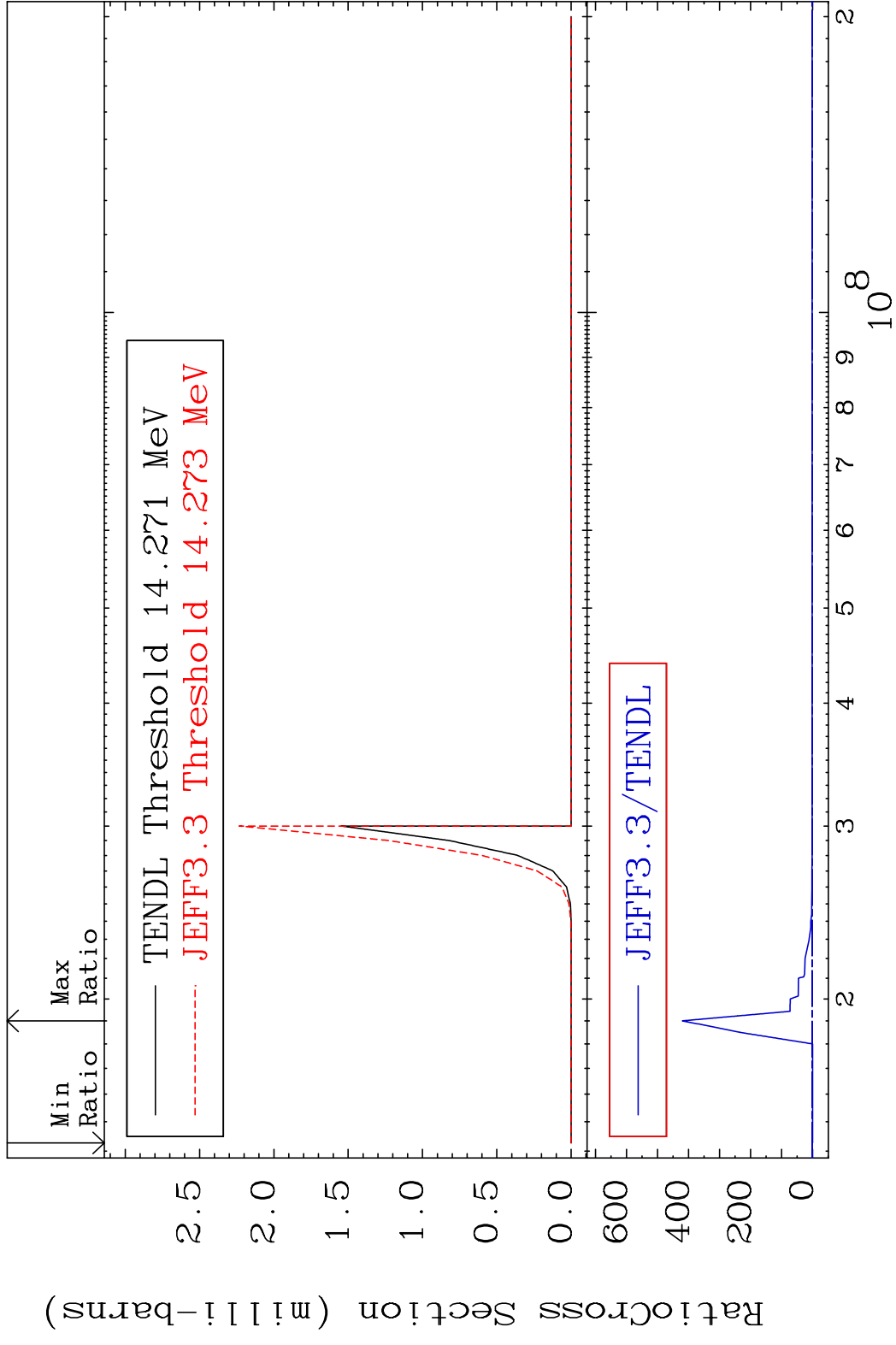
MAT 5055 (n,2n):50-Sn-121m1 50-Sn-122
 Radionuclide Production Cross Section 100.0 %
 Ratio 102.7 %

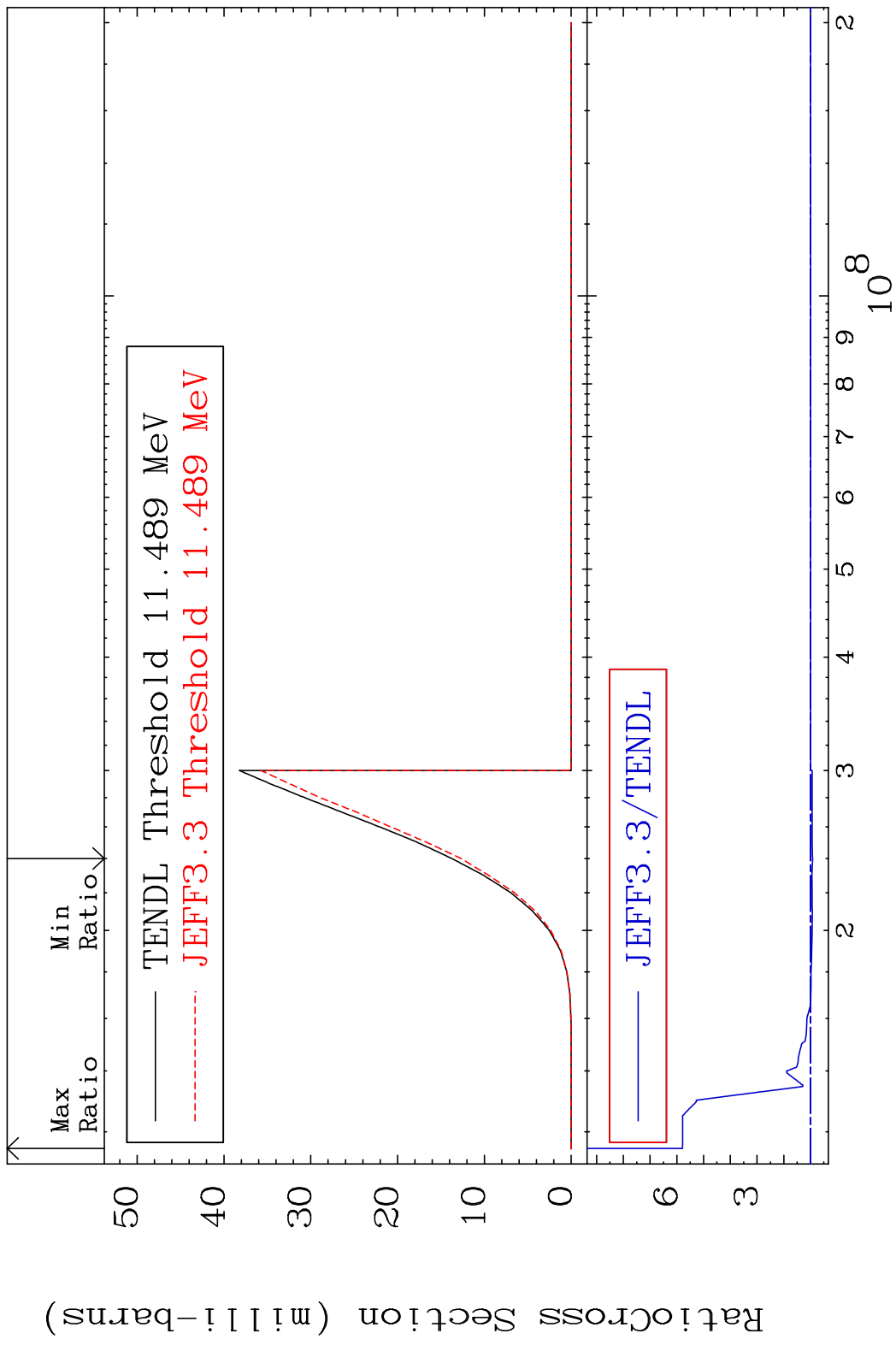


MAT 5055 (n,2n) α :48-Cd-117g 50-Sn-122
 Radionuclide Production Cross Section to 9999. %

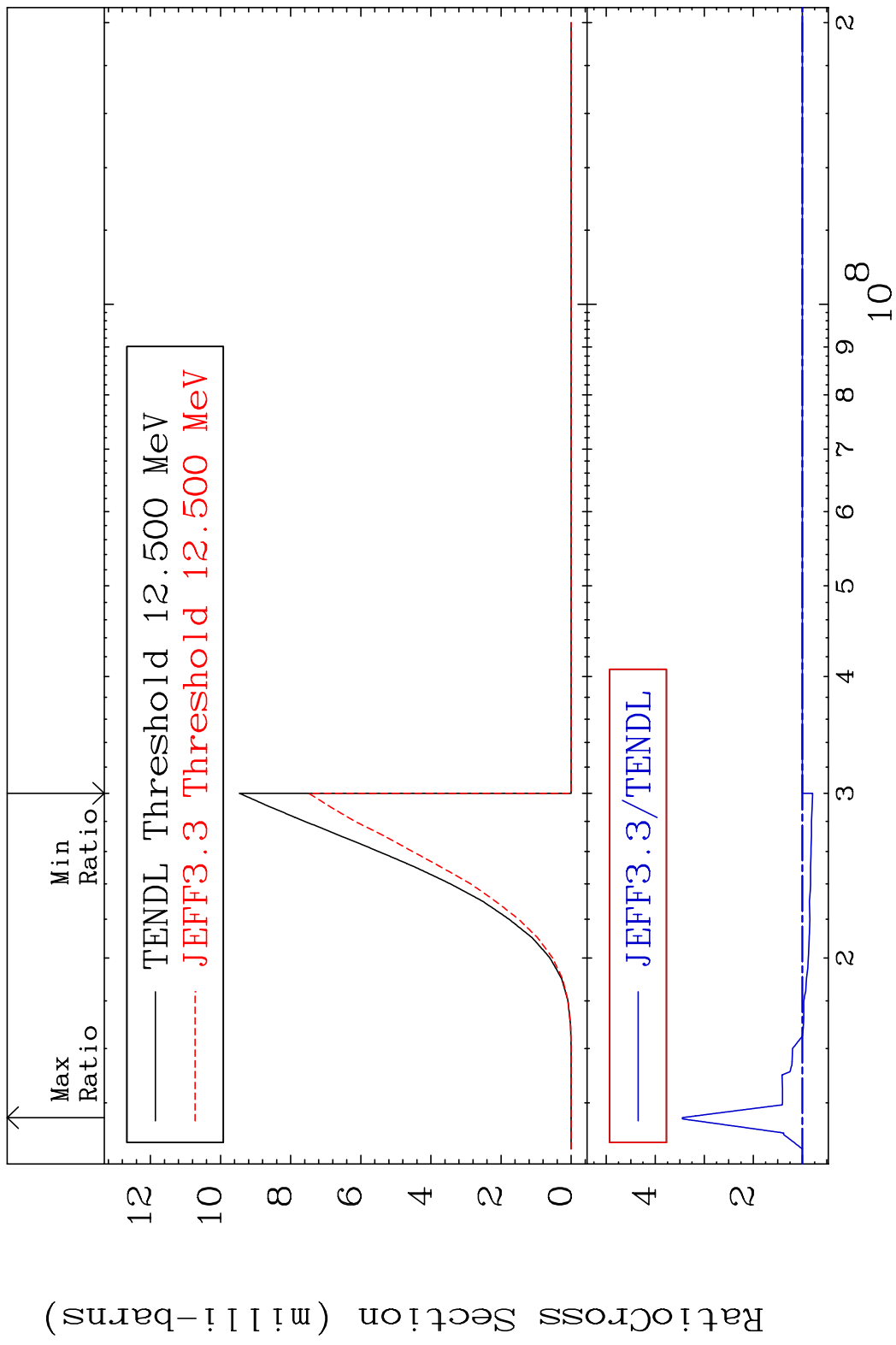


MAT 5055 (n,2n) α :48-Cd-117m2 50-Sn-122
 Radionuclide Production Cross Section to 9999. %

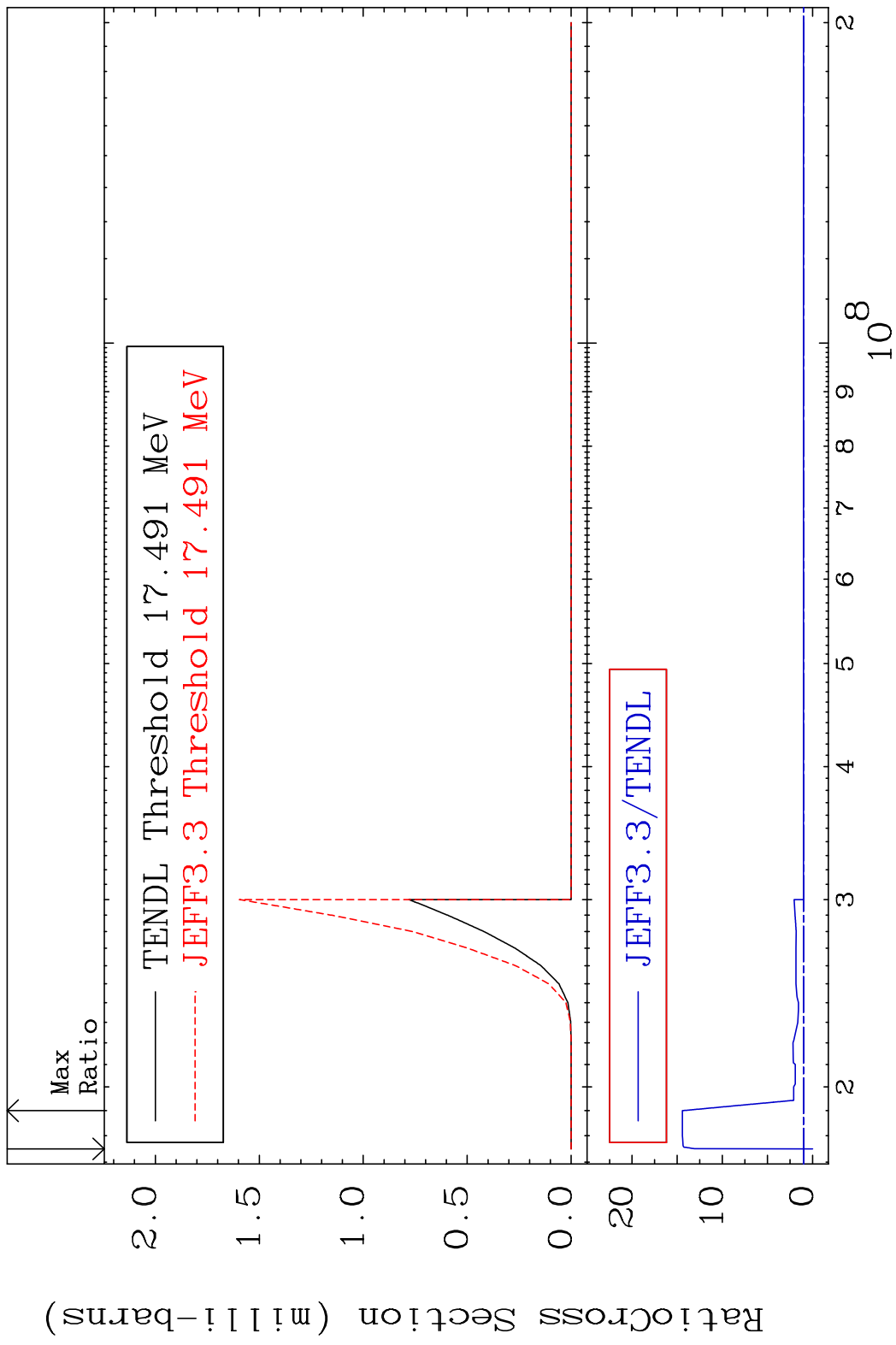




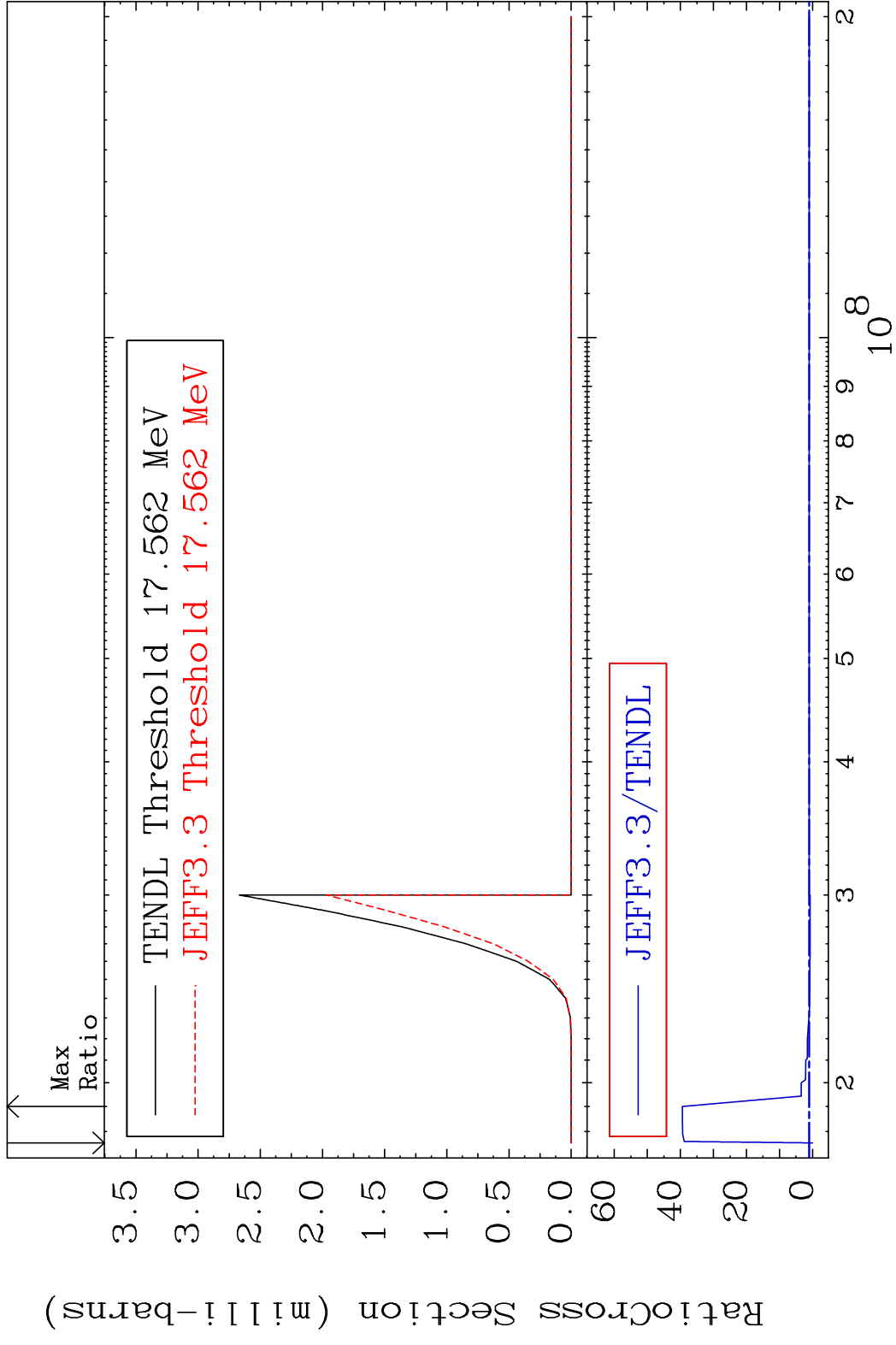
MAT 5055 (n, n') p:49-In-121m1 50-Sn-122
 Radionuclide Production Cross Section to 244.7 %

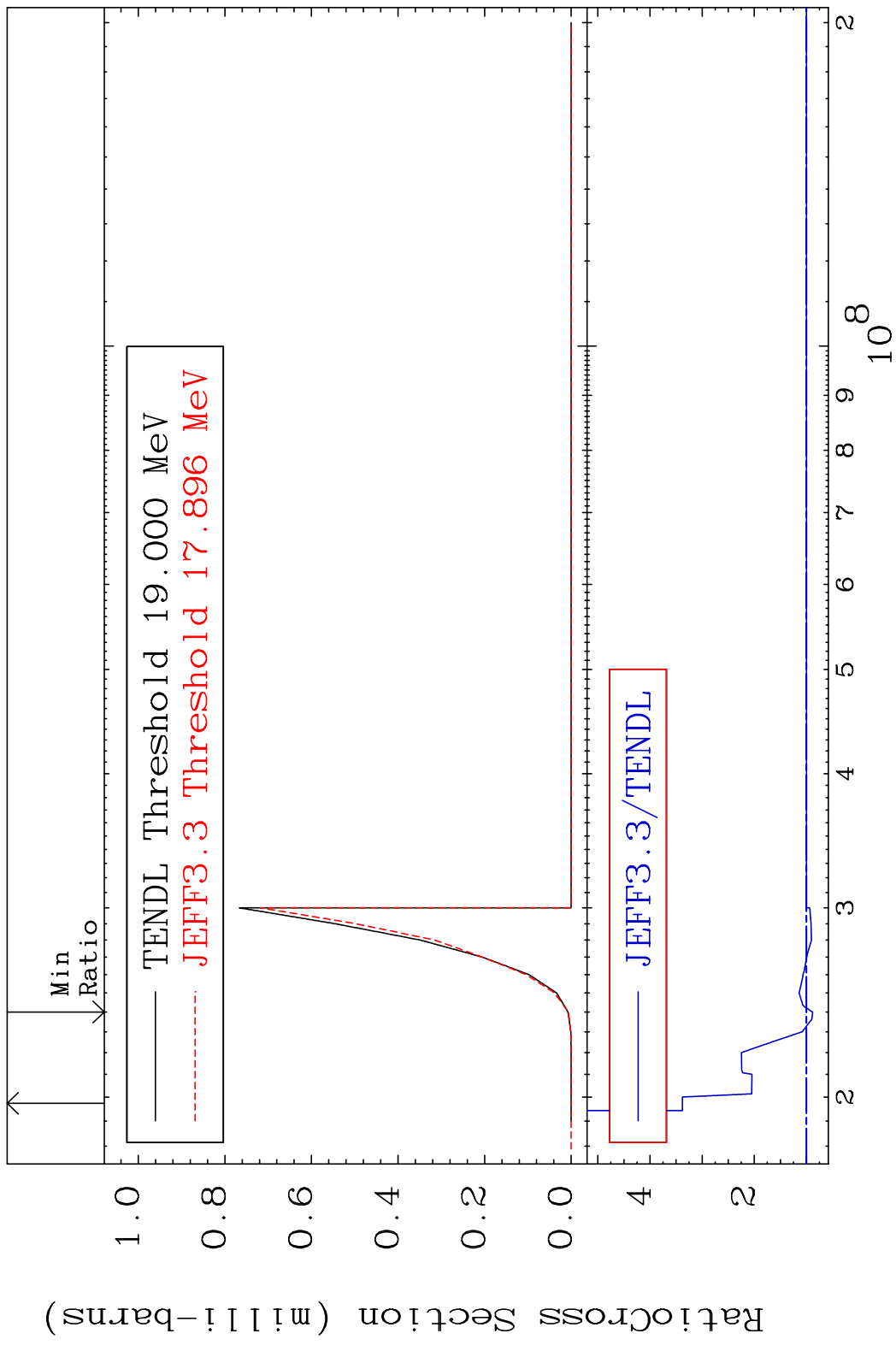


MAT 5055 (n, n') d:49-In-120g 50-Sn-122
 Radionuclide Production Cross Section 1343. %

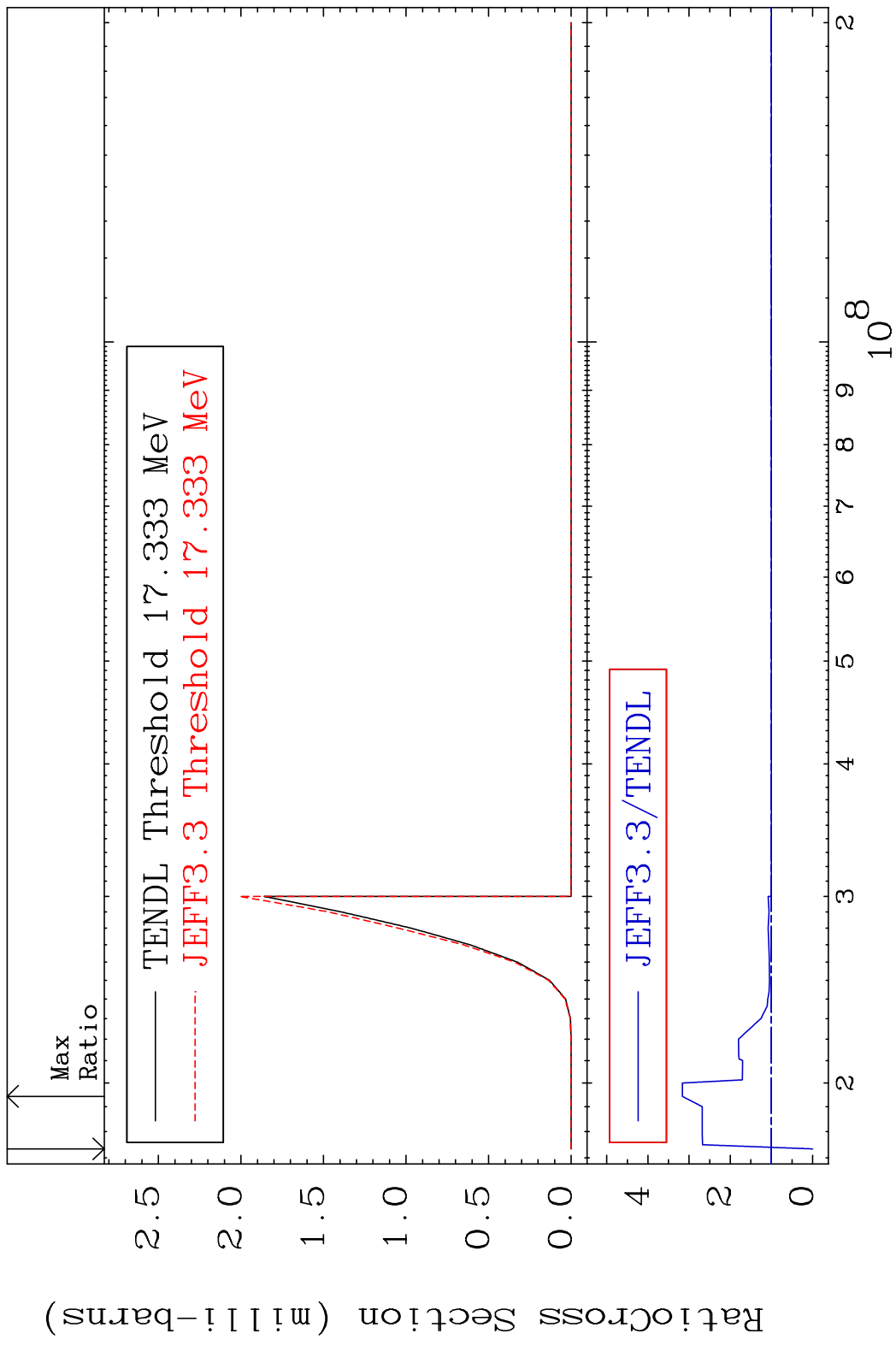


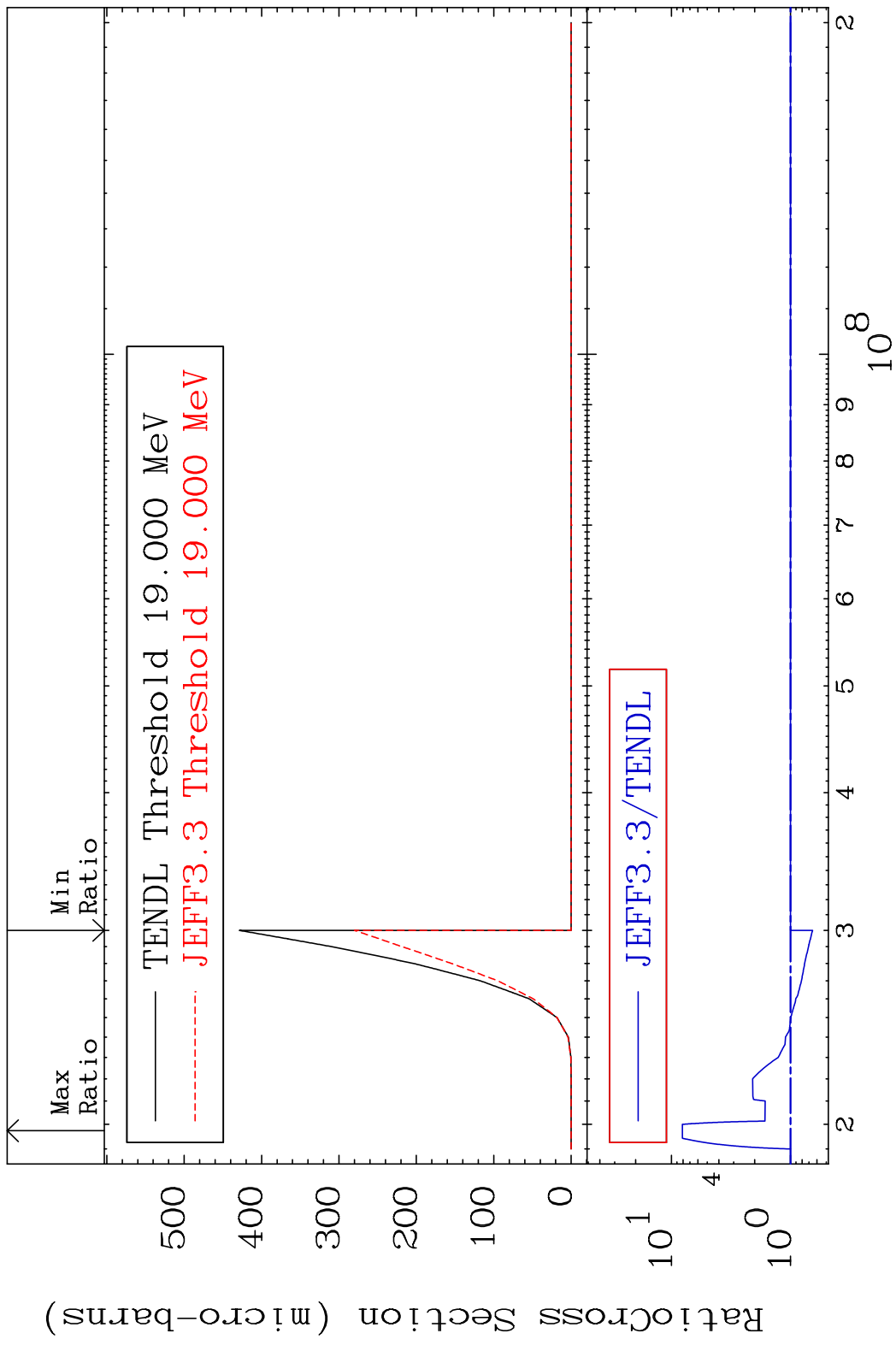
MAT 5055 (n, n') d:49-In-120m1 50-Sn-122
 Radionuclide Production Cross Section 1800.0 dno 3840. %



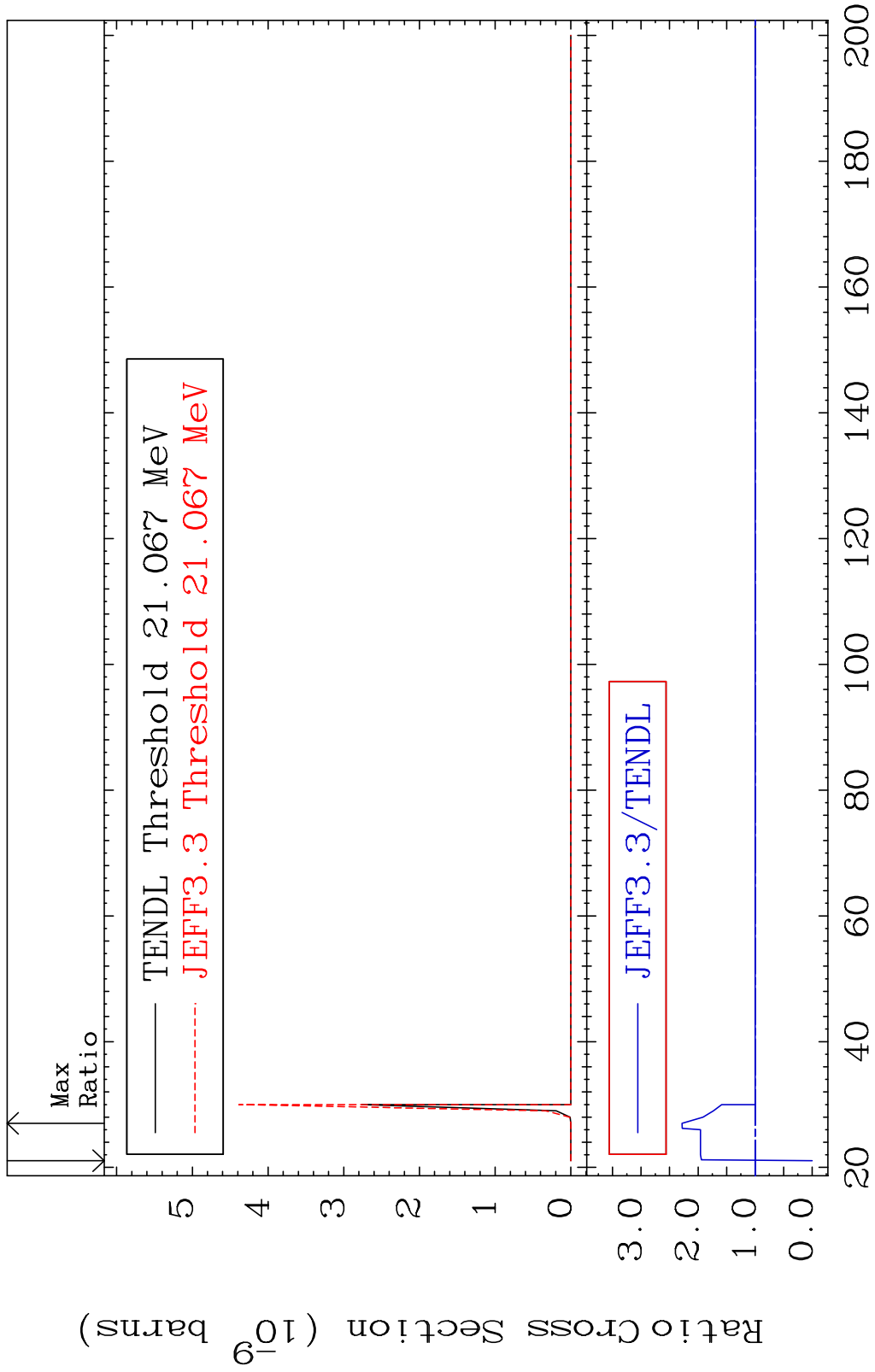


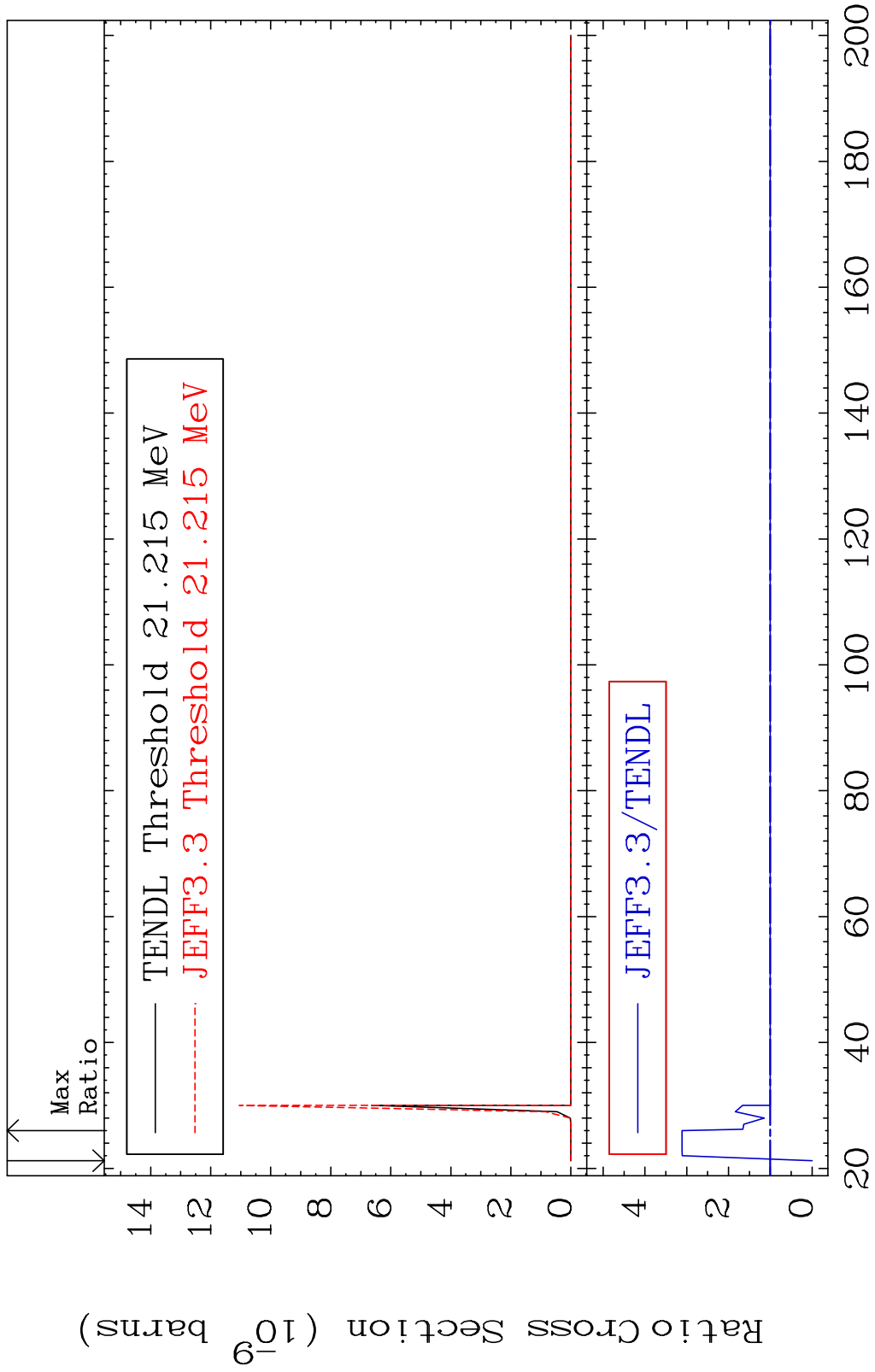
MAT 5055 (n, n') t:49-In-119g 50-Sn-122
 Radionuclide Production Cross Section 180.0 dth 216.3 %



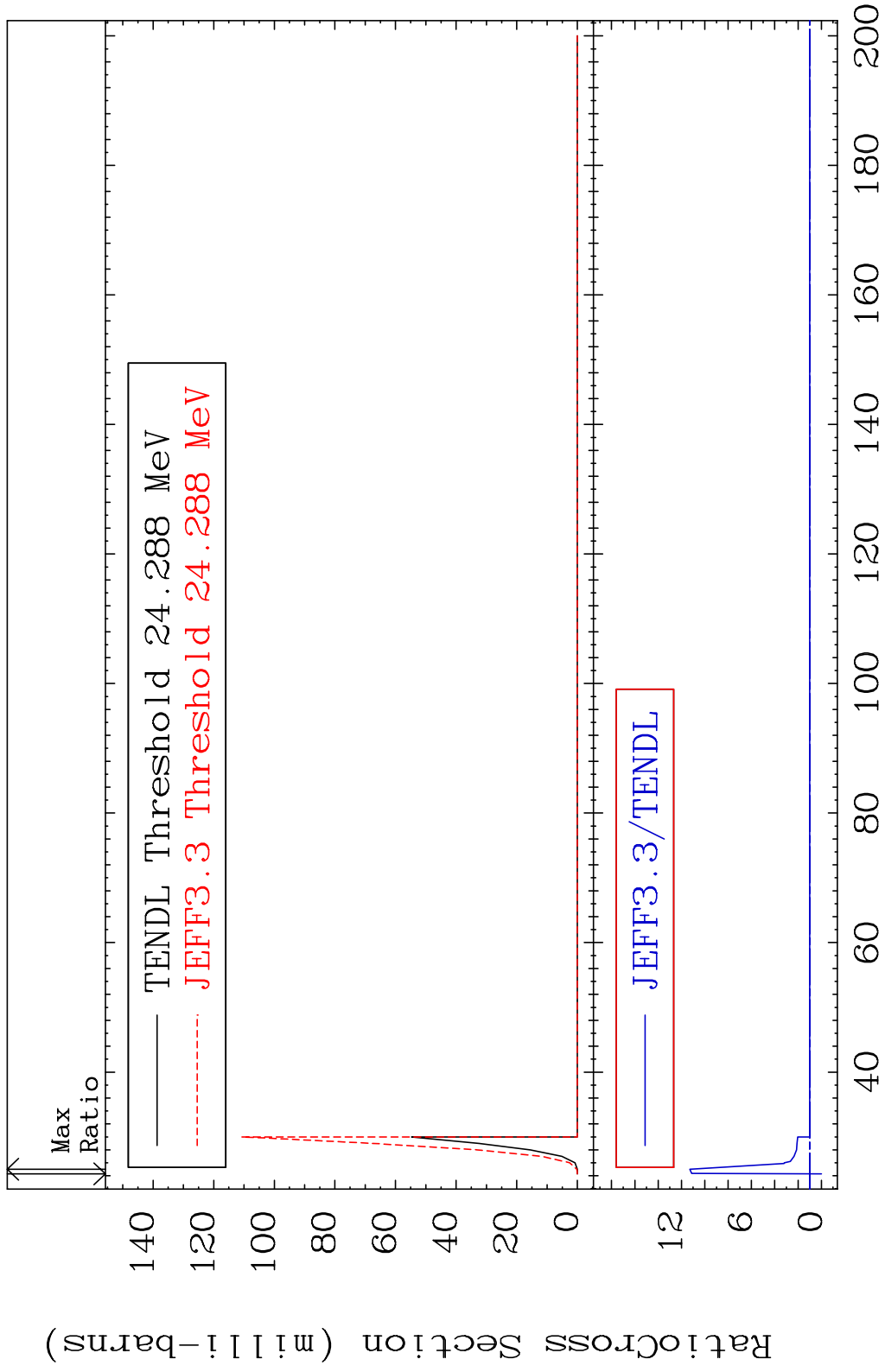


MAT 5055 (n, n') He-3:48-Cd-119g 50-Sn-122
 Radionuclide Production Cross Section 180.0 dth 128.3 %

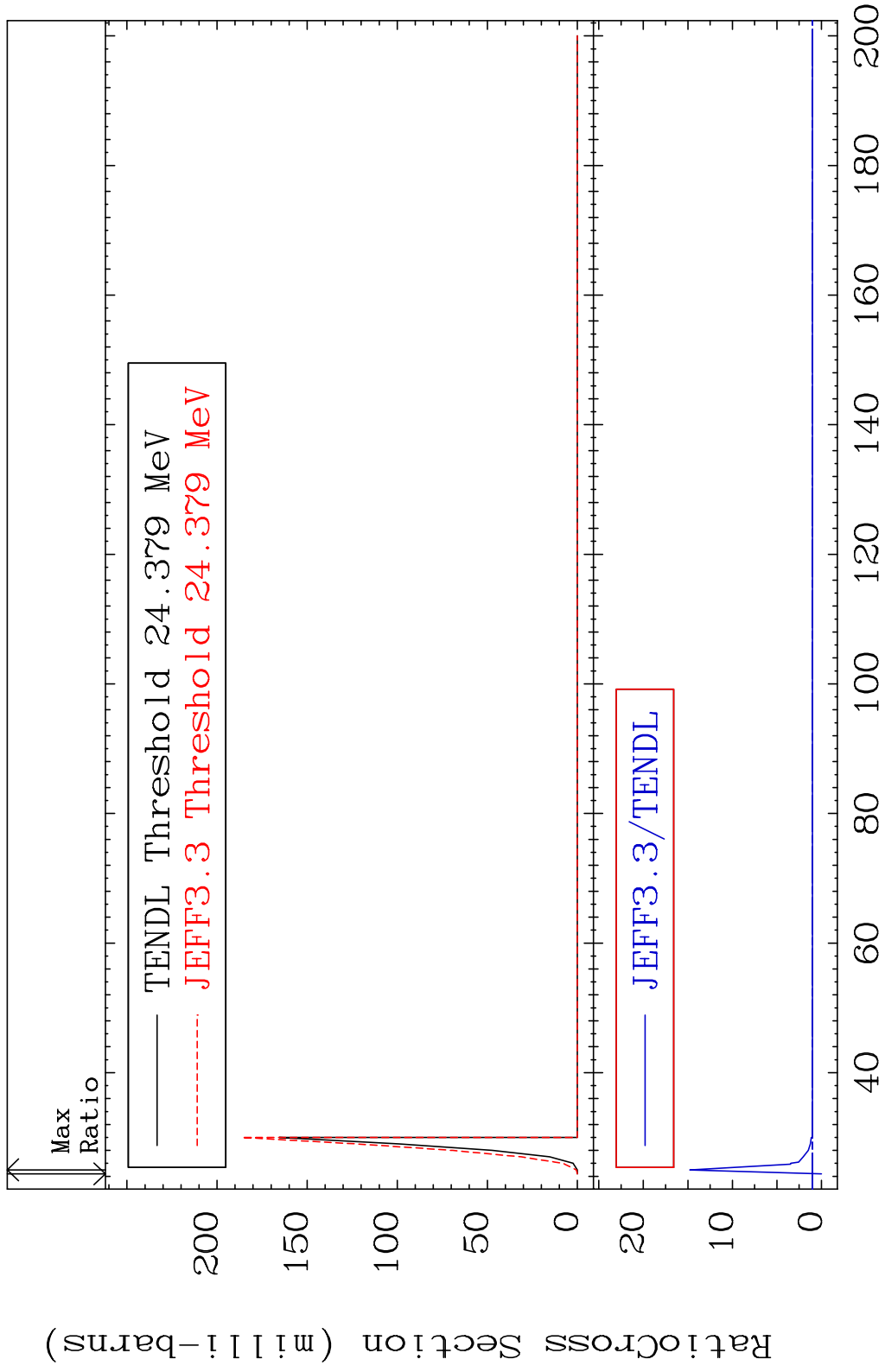




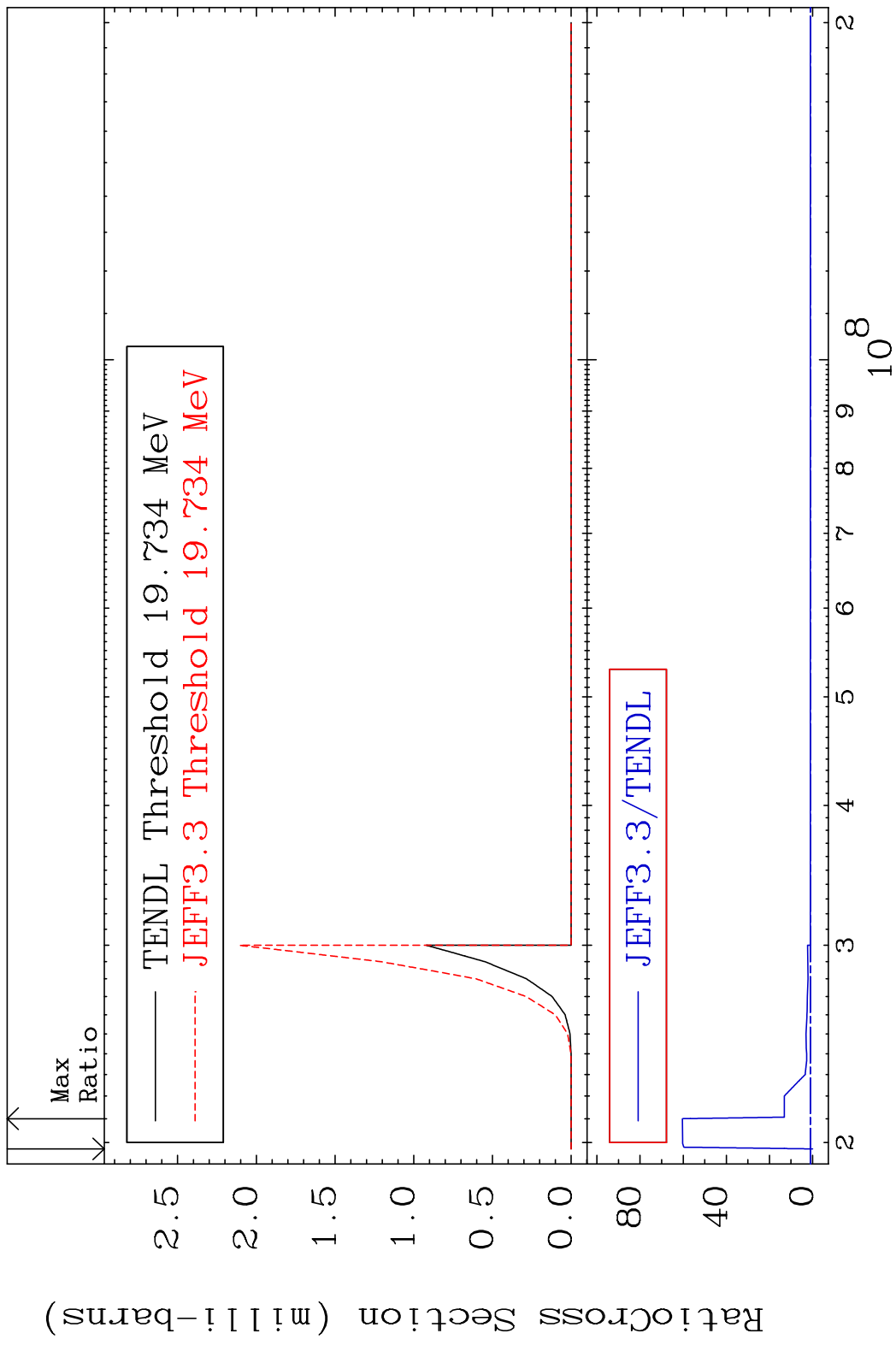
MAT 5055 (n,4n):50-Sn-119g 50-Sn-122
 Radionuclide Production Cross Section 100.00 to 1029.00 %

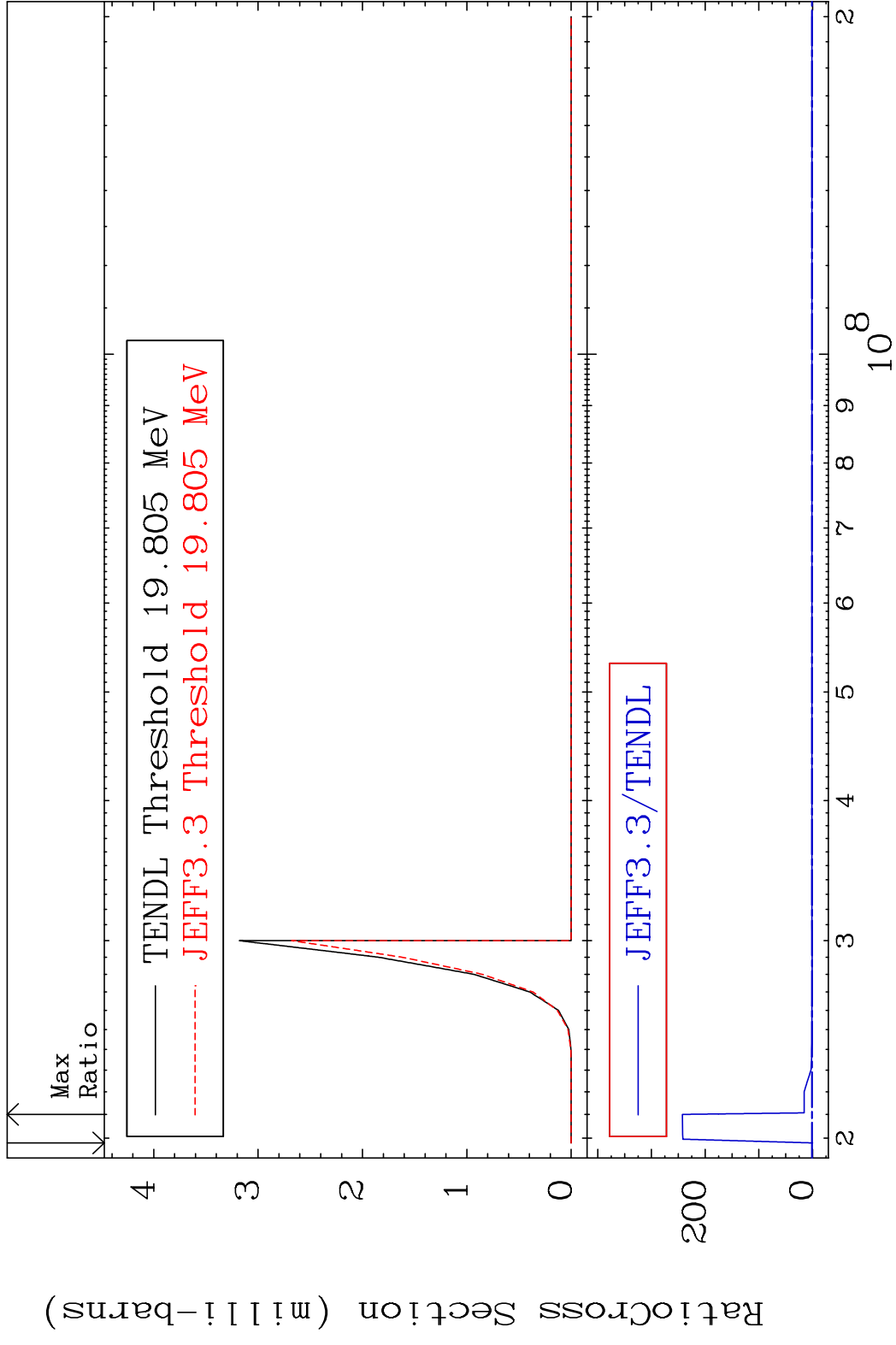


MAT 5055 (n, 4n):50-Sn-119m2 50-Sn-122
 Radionuclide Production Cross Section 1378. %

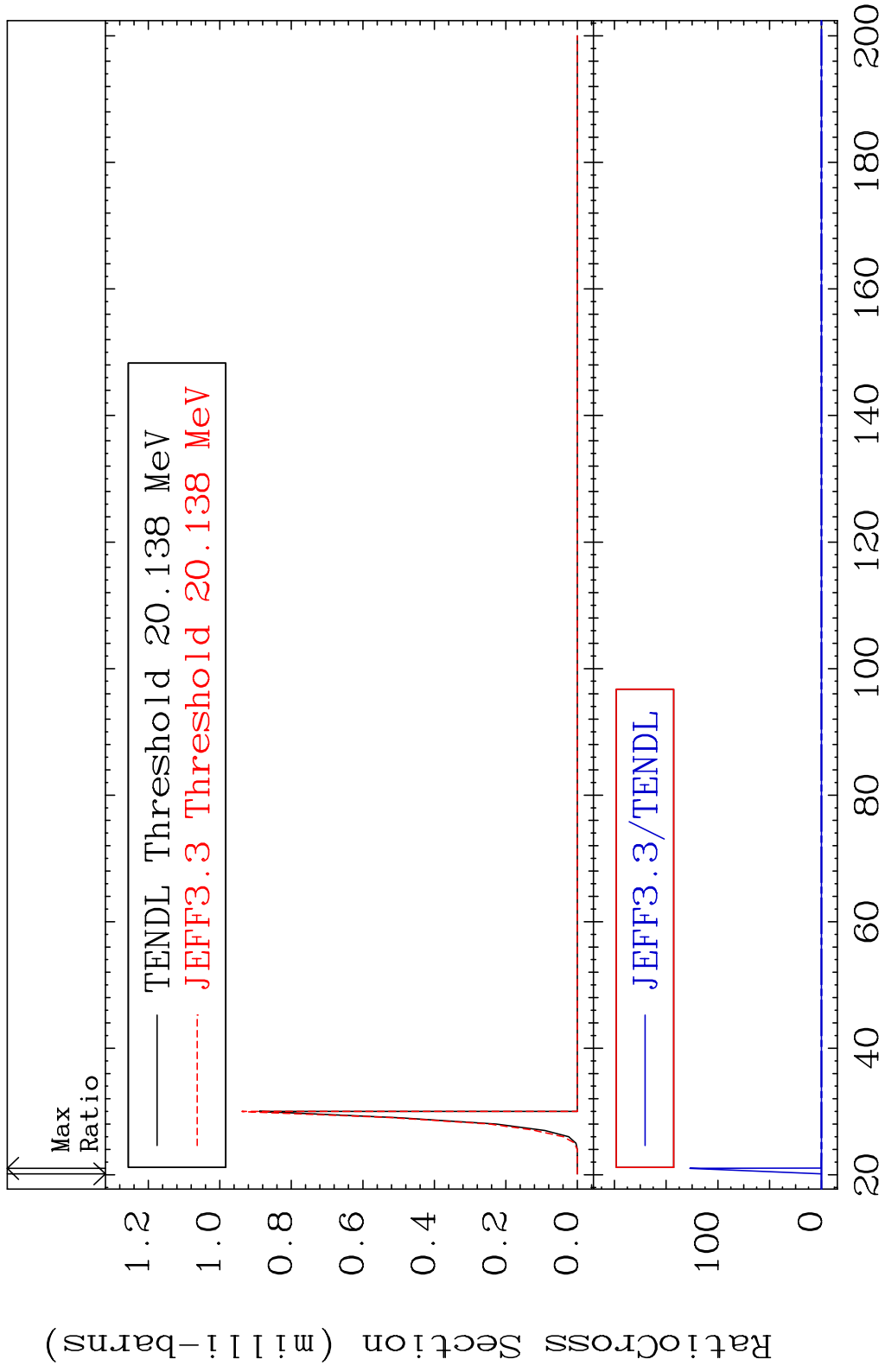


MAT 5055 (n,2n) p:49-In-120g 50-Sn-122
 Radionuclide Production Cross Section 1800.0 dth 5939. %



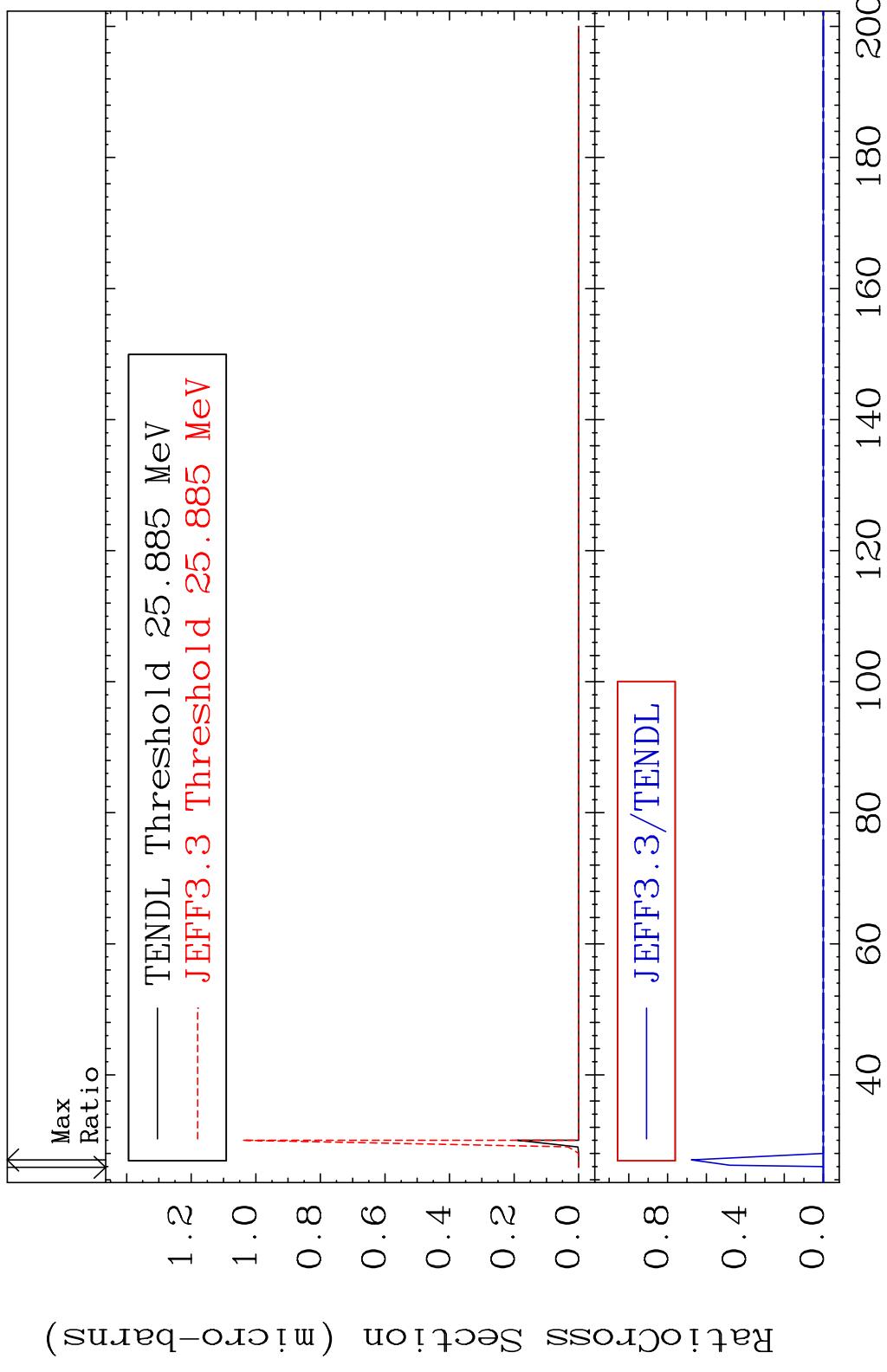


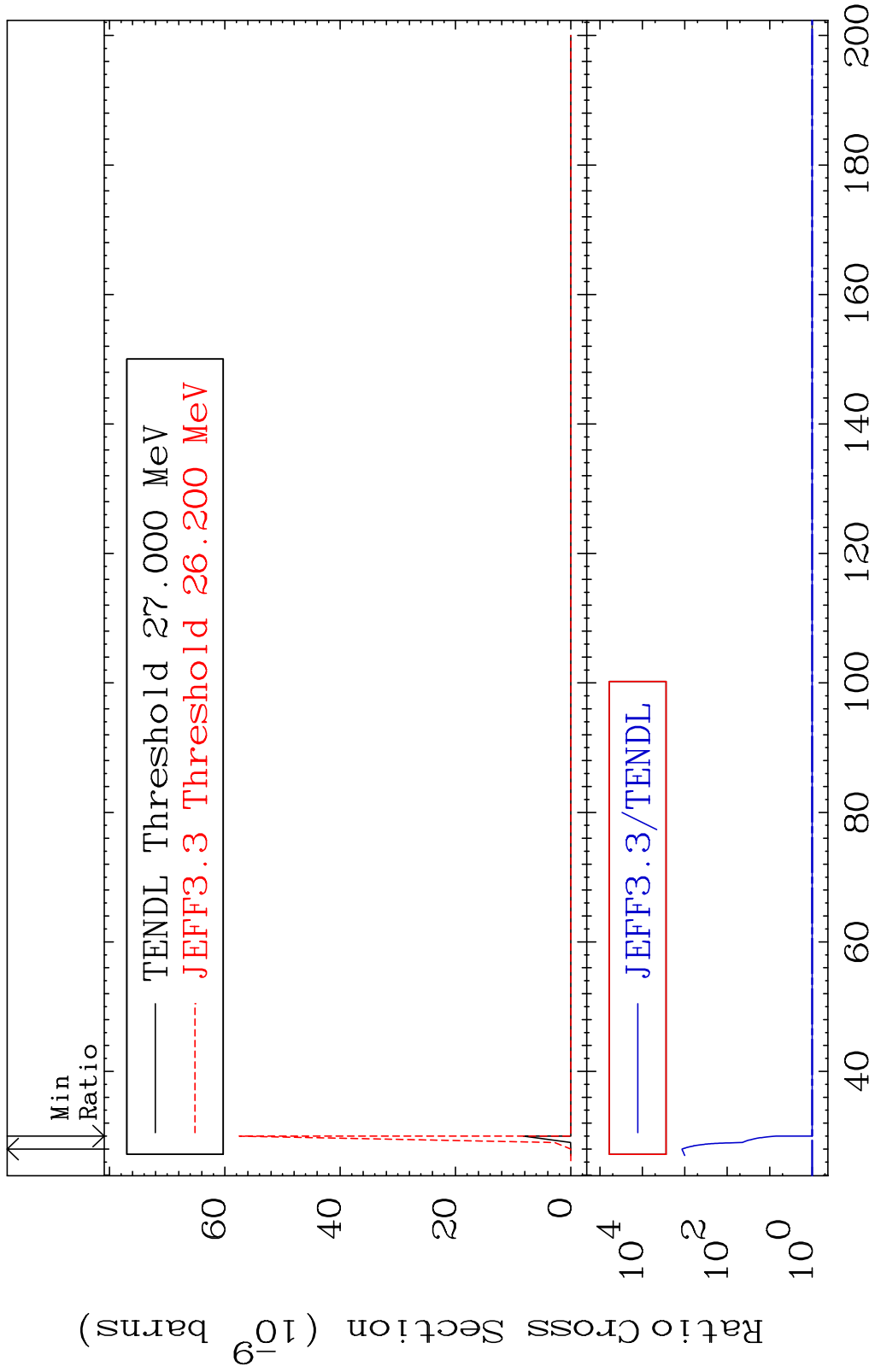
MAT 5055 (n,2n) p:49-In-120m2 50-Sn-122
 Radionuclide Production Cross Section 100.00 to 9999.00 %



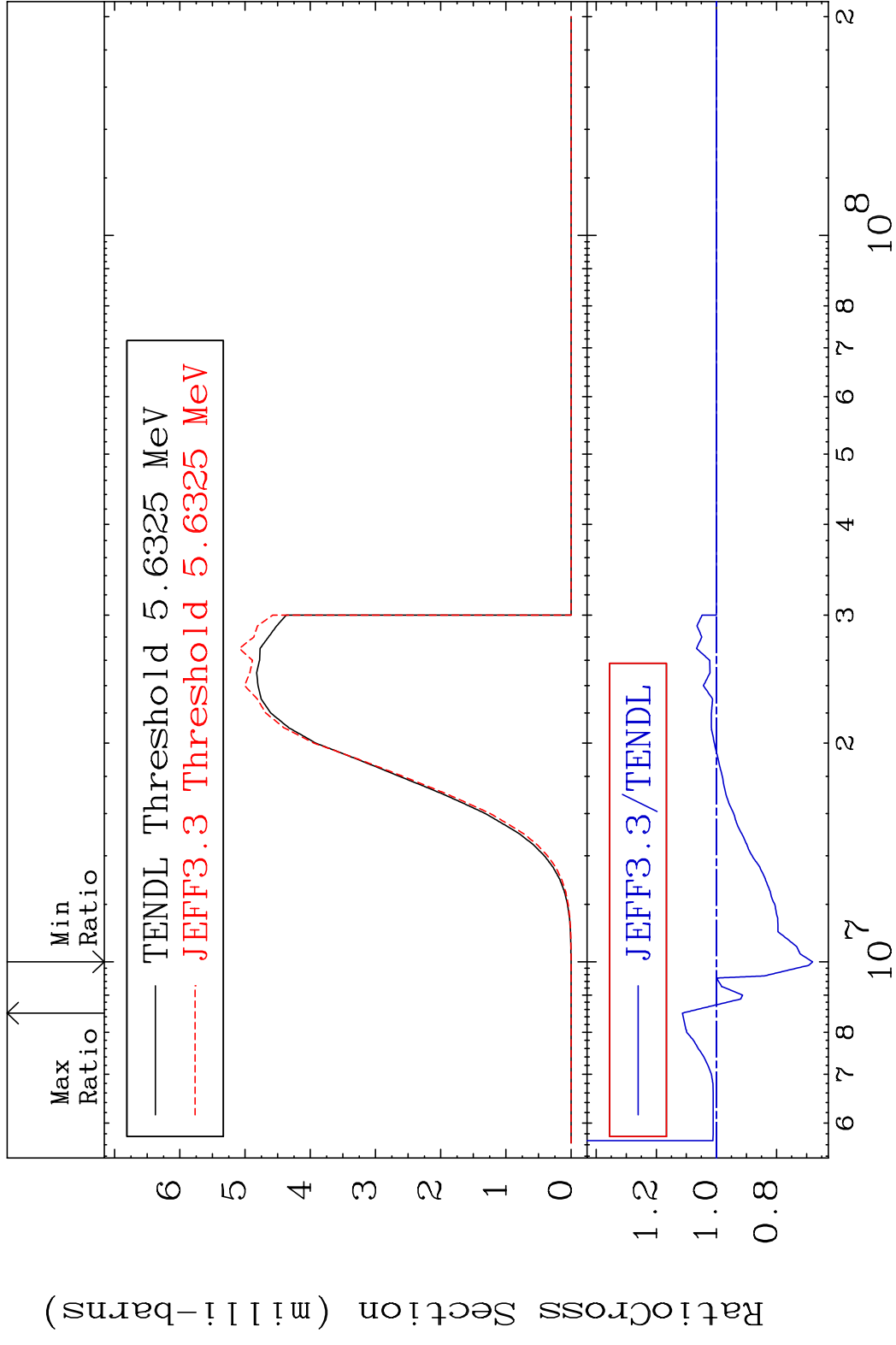
92 Incident Energy (MeV) 50-Sn-122

MAT 5055 (n,3n) p:49-In-119g 50-Sn-122
 Radionuclide Production Cross Section Ratio 9999. %

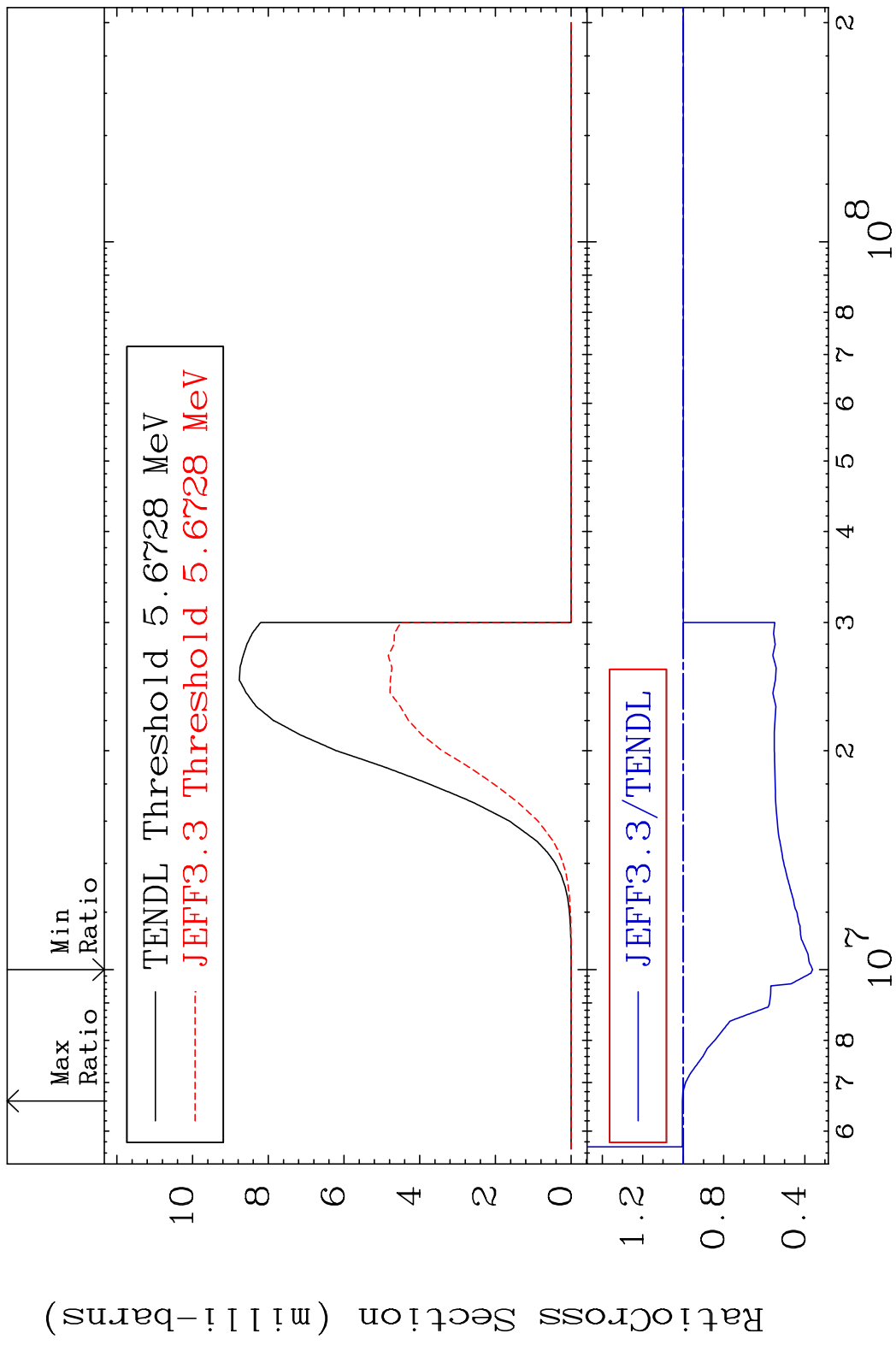




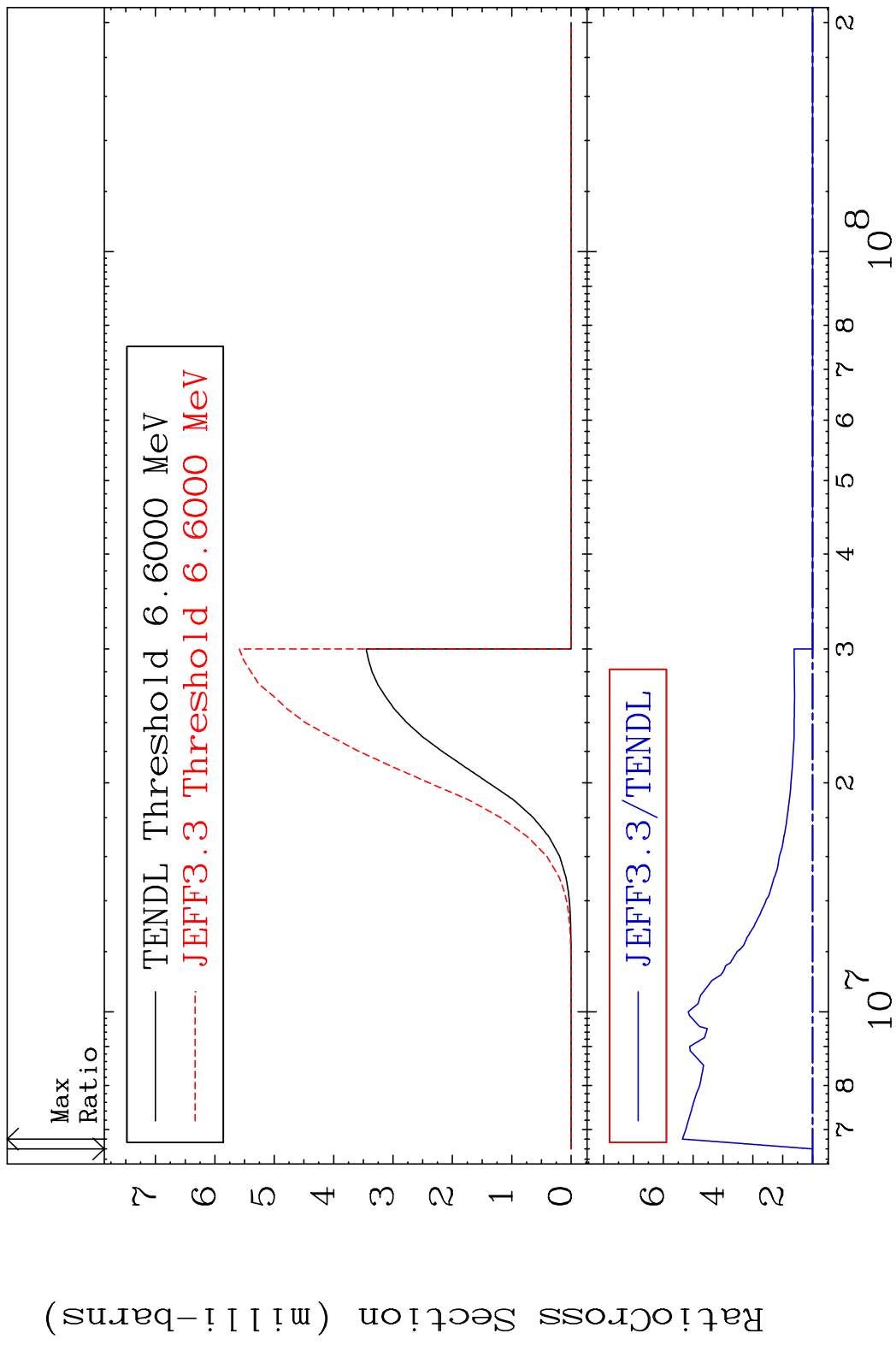
MAT 5055 (n,p):49-In-122g 50-Sn-122
 Radionuclide Production Cross Section 11.34 %



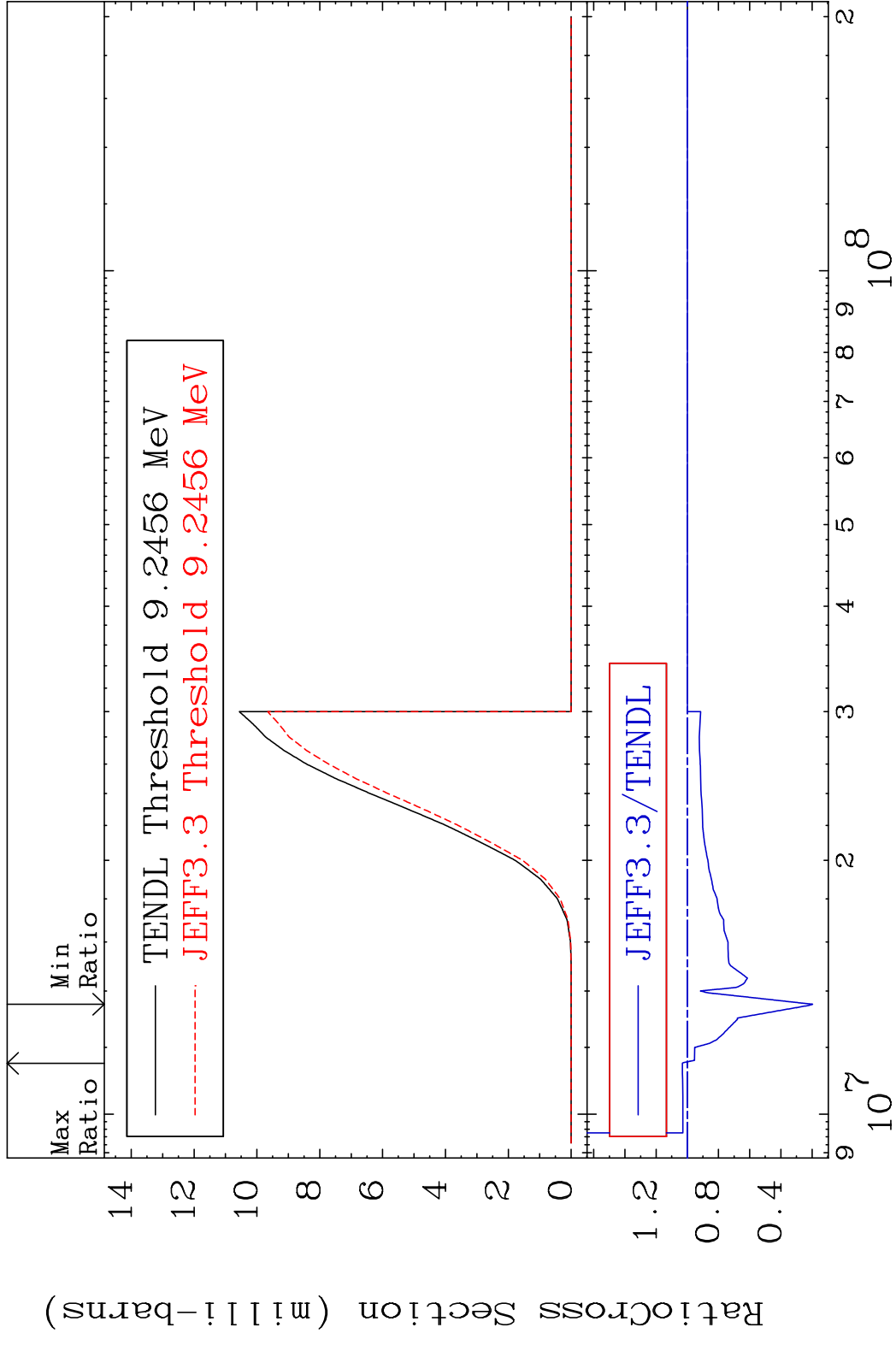
MAT 5055 (n, p): 49-In-122m1 50-Sn-122
 Radionuclide Production Cross Section 0.438 %



MAT 5055 (n,p):49-In-122m5 50-Sn-122
 Radionuclide Production Cross Section 436.2 %

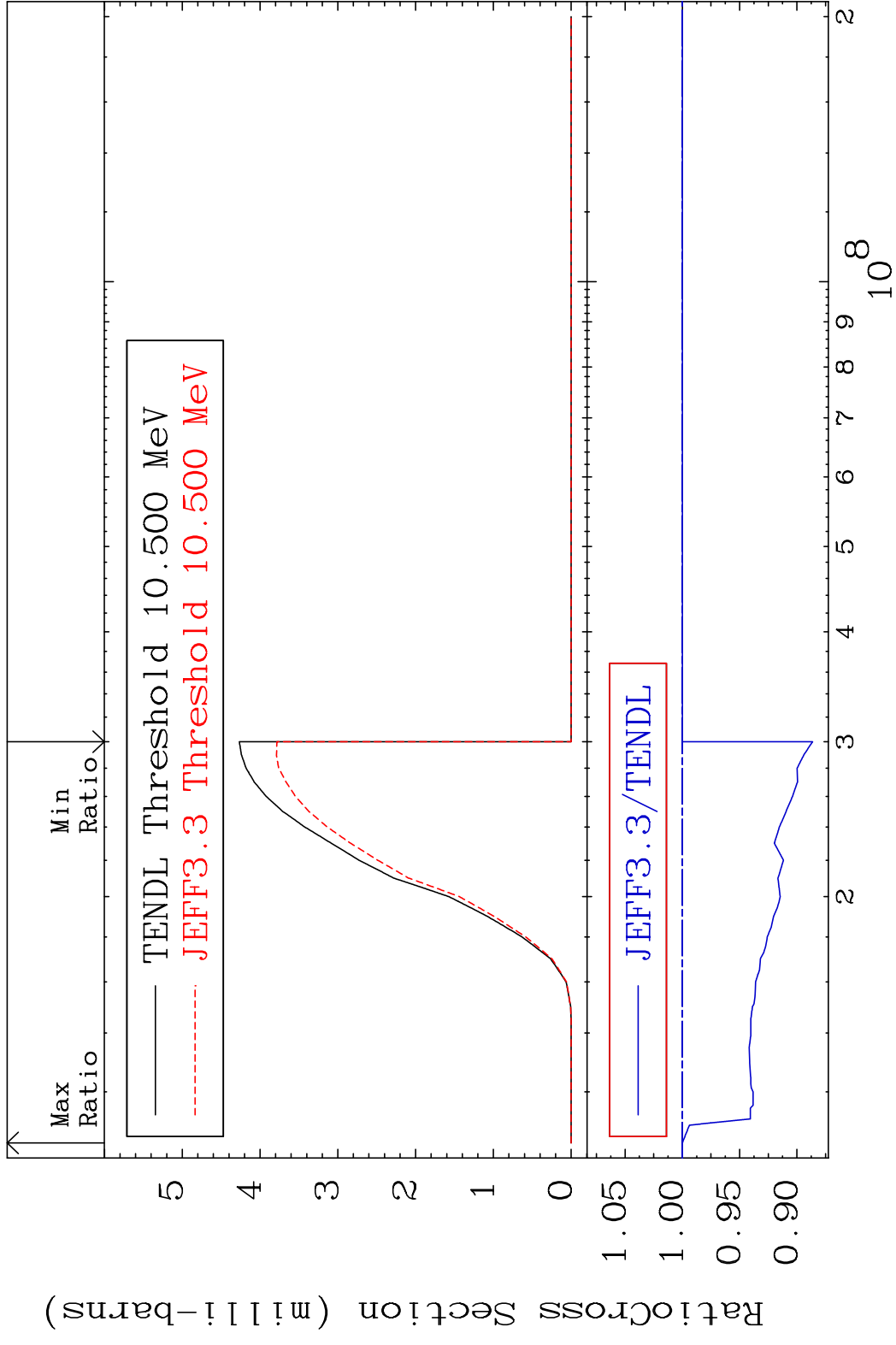


MAT 5055 (n,d):49-In-121g 50-Sn-122
 Radionuclide Production Cross Section 3.188 %

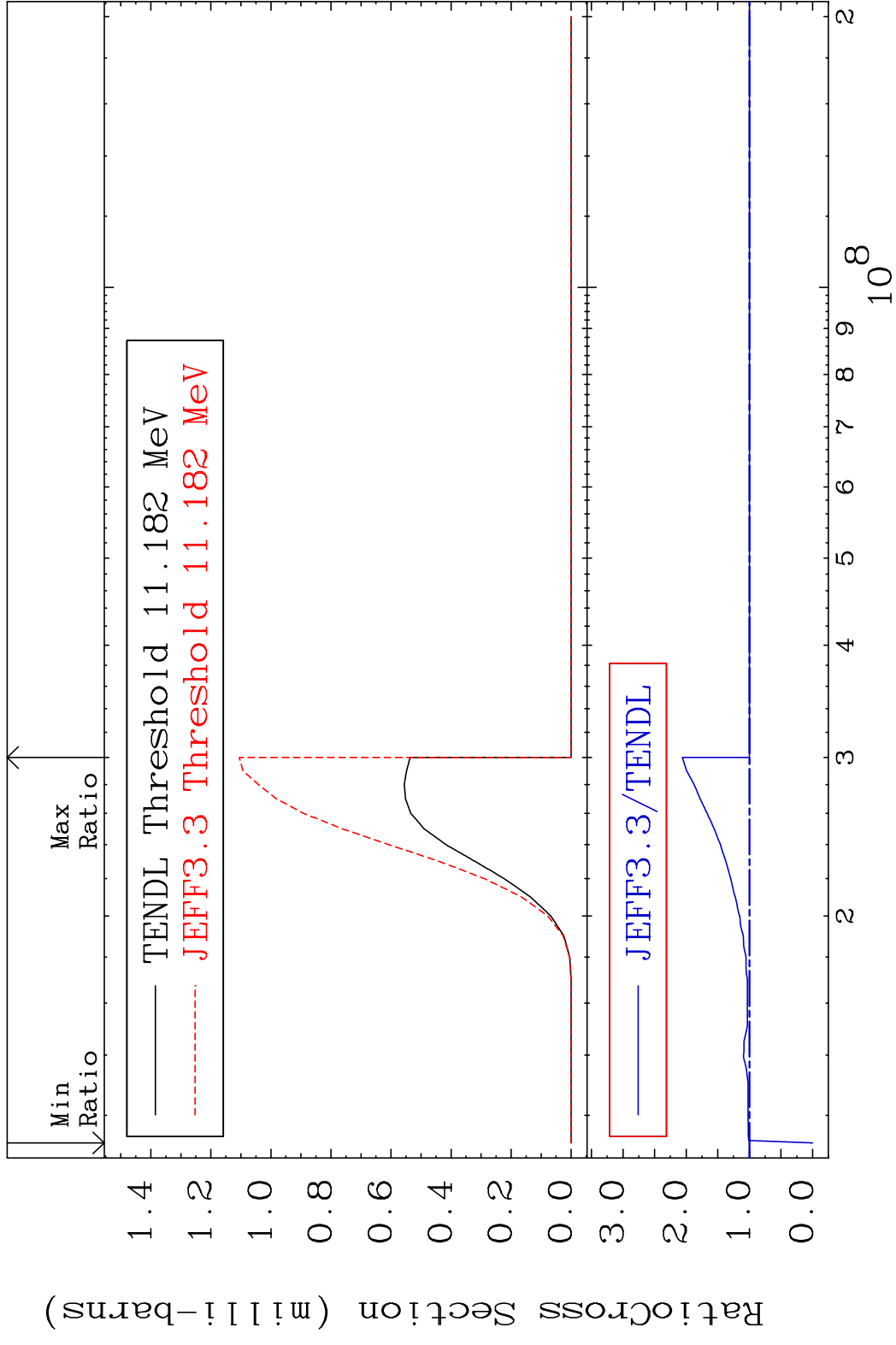


98 Incident Energy (eV) 50-Sn-122

MAT 5055 (n, d): 49-In-121m1 50-Sn-122
 Radionuclide Production Cross Section 1e36 dno 0.000 %

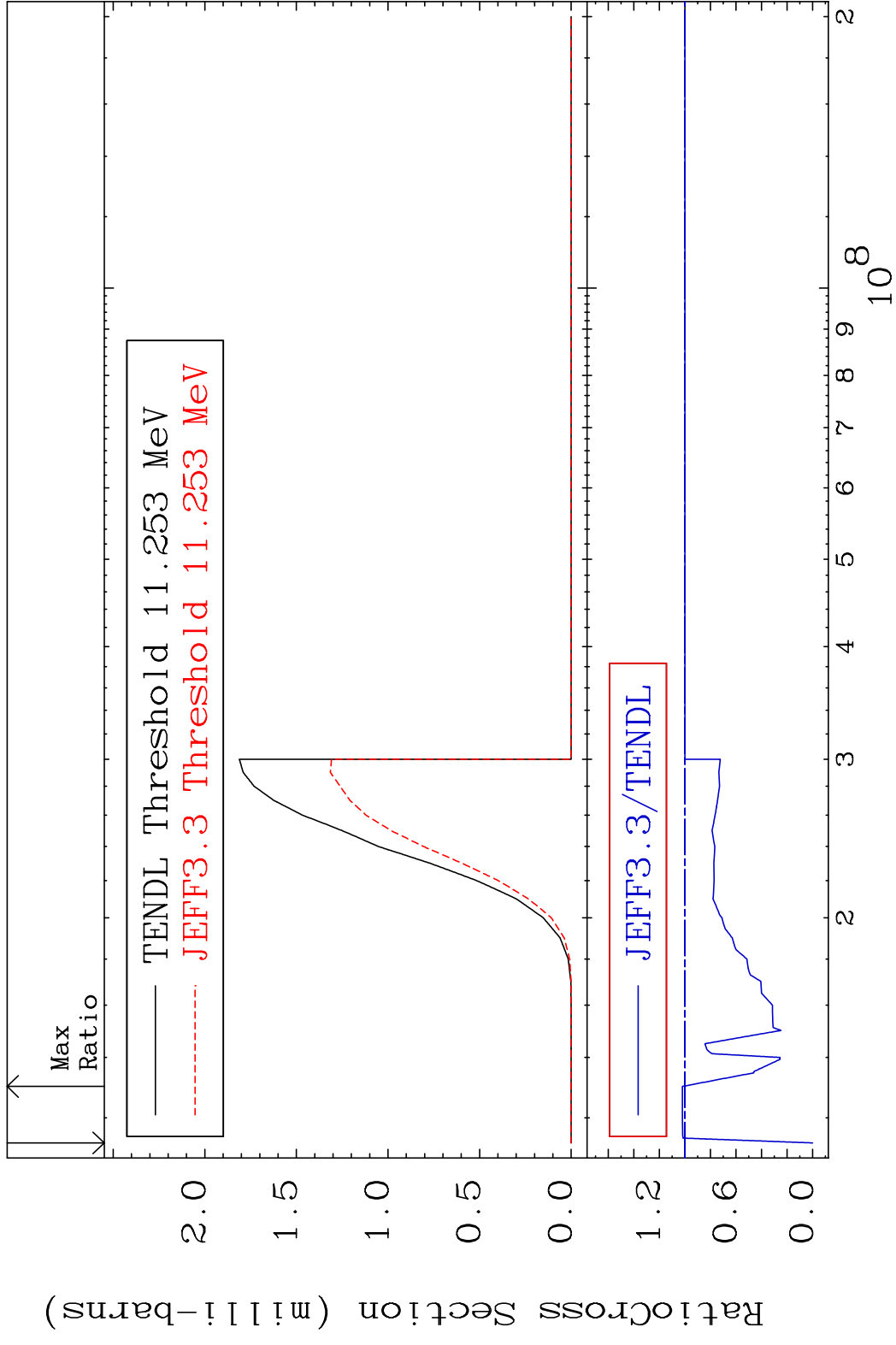


MAT 5055 (n, t): 49-In-120g 50-Sn-122
 Radionuclide Production Cross Section 100% 106.1 %

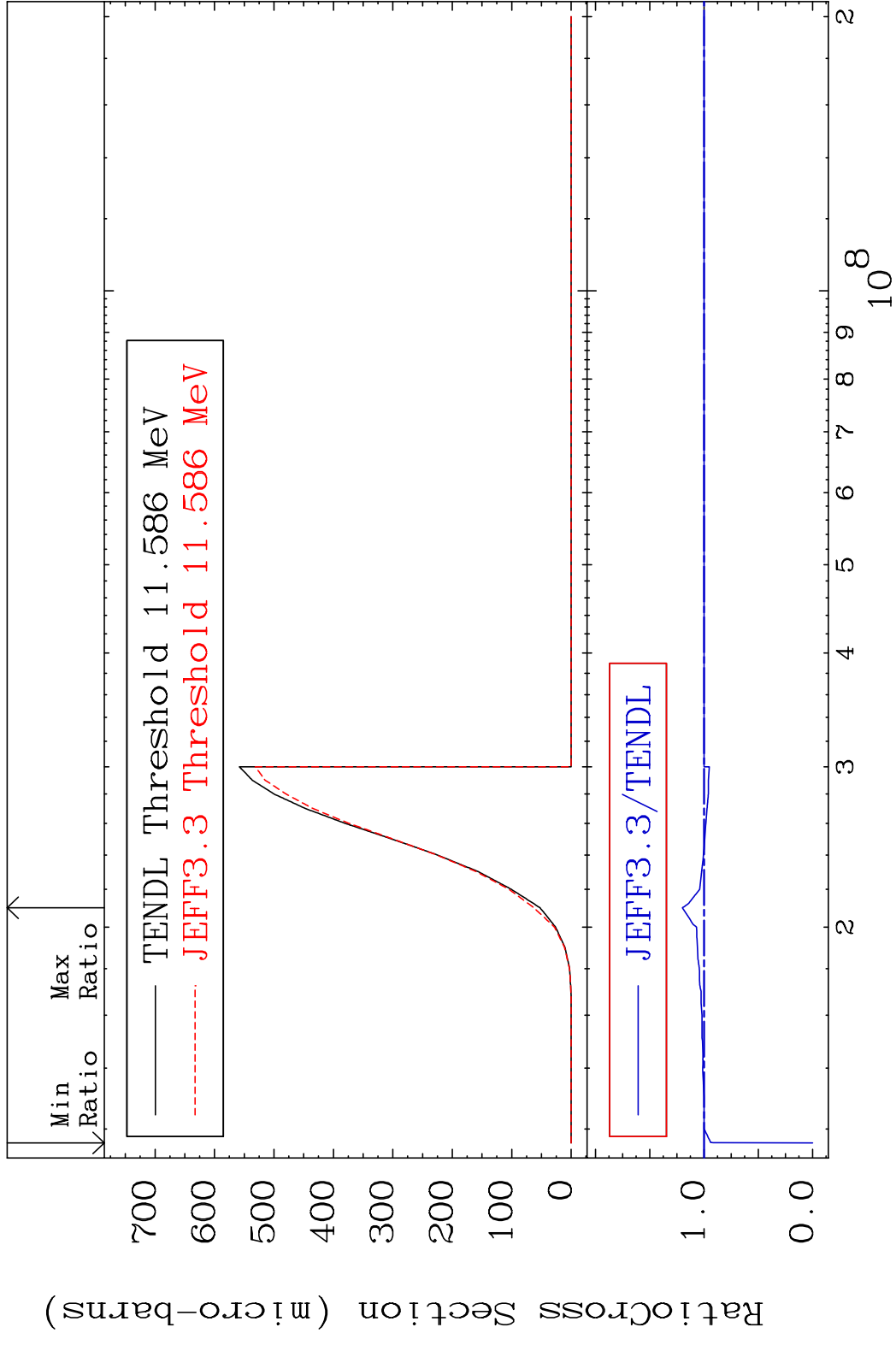


100 Incident Energy (eV) 50-Sn-122

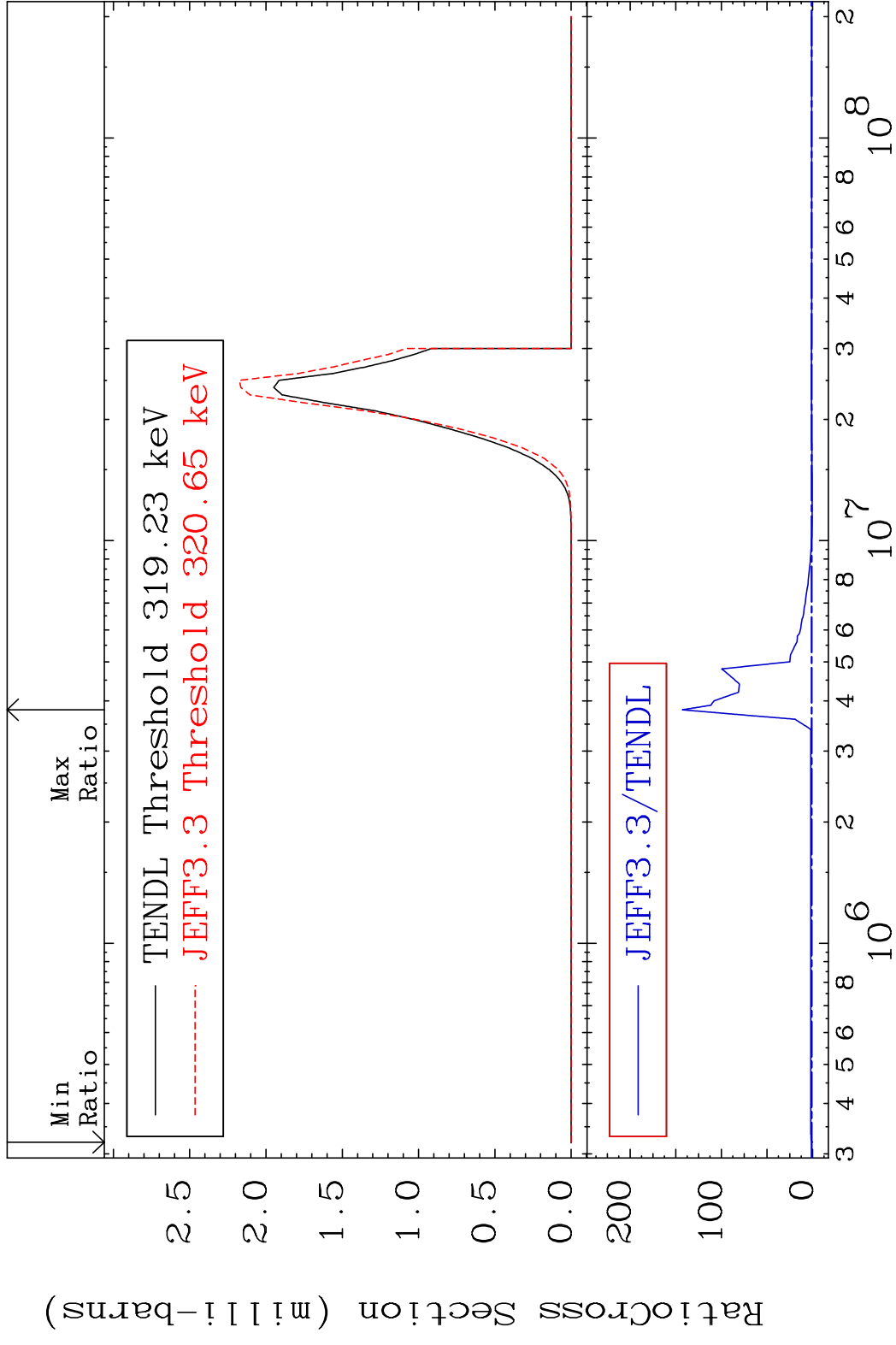
MAT 5055 (n, t): 49-In-120m1 50-Sn-122
 Radionuclide Production Cross Section Ratio 1.968 %

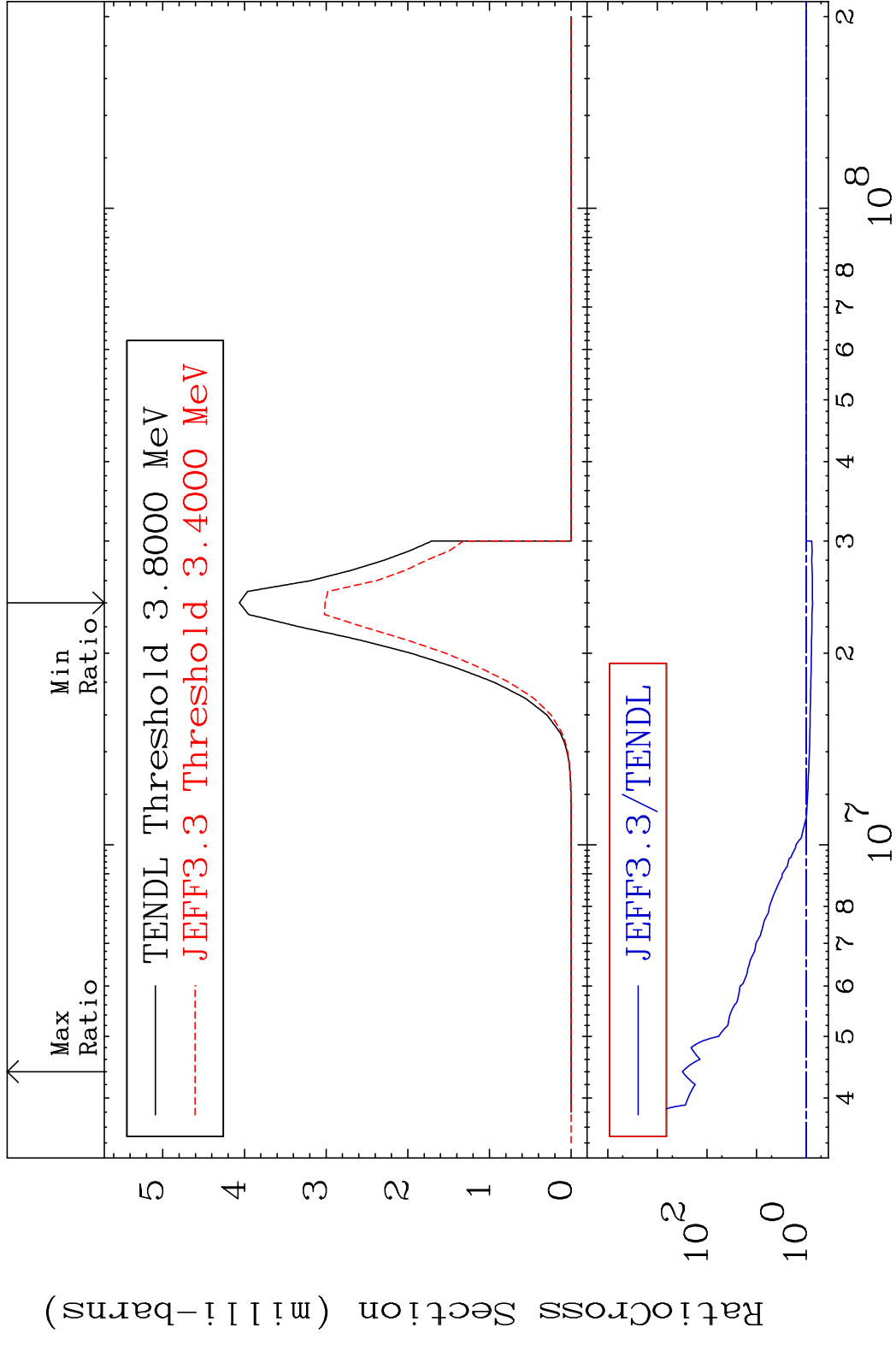


MAT 5055 (n, t): 49-In-120m2 50-Sn-122
 Radionuclide Production Cross Section 180.01 dth 19.93 %

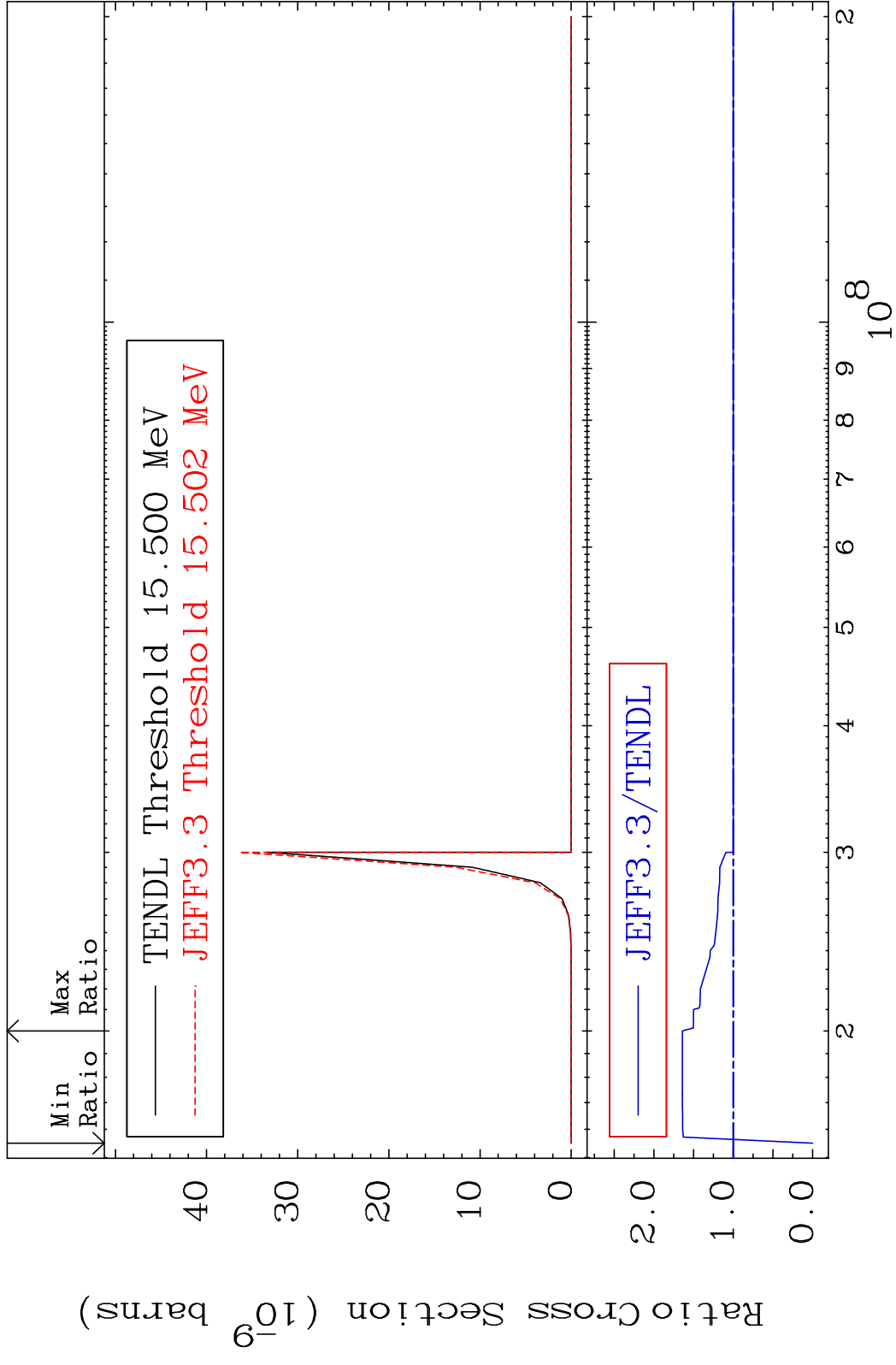


MAT 5055 (n,α):48-Cd-119g 50-Sn-122
 Radionuclide Production Cross Section Ratio 9999. %

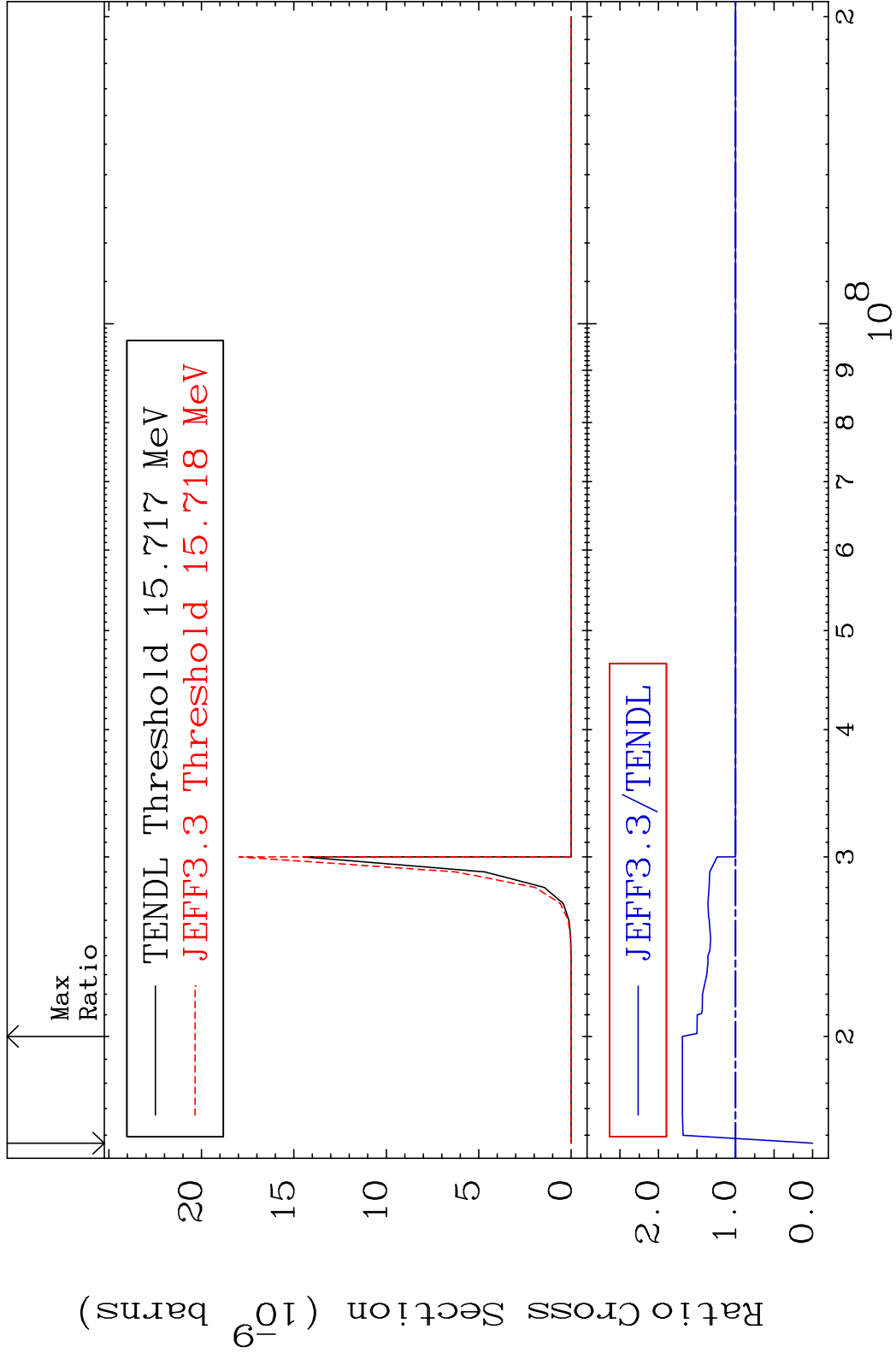




MAT 5055 (n,2p):48-Cd-121g 50-Sn-122
 Radionuclide Production Cross Section 64.05 %



MAT 5055 (n, 2p) : 48-Cd-121m2 50-Sn-122
 Radionuclide Production Cross Section 180.01 dth 69.04 %



MAT 5055 (n,p) α :47-Ag-118g 50-Sn-122
 Radionuclide Production Cross Section 180.01 dth 8253. %

