

Program Complot
(Version 2021-1)

by

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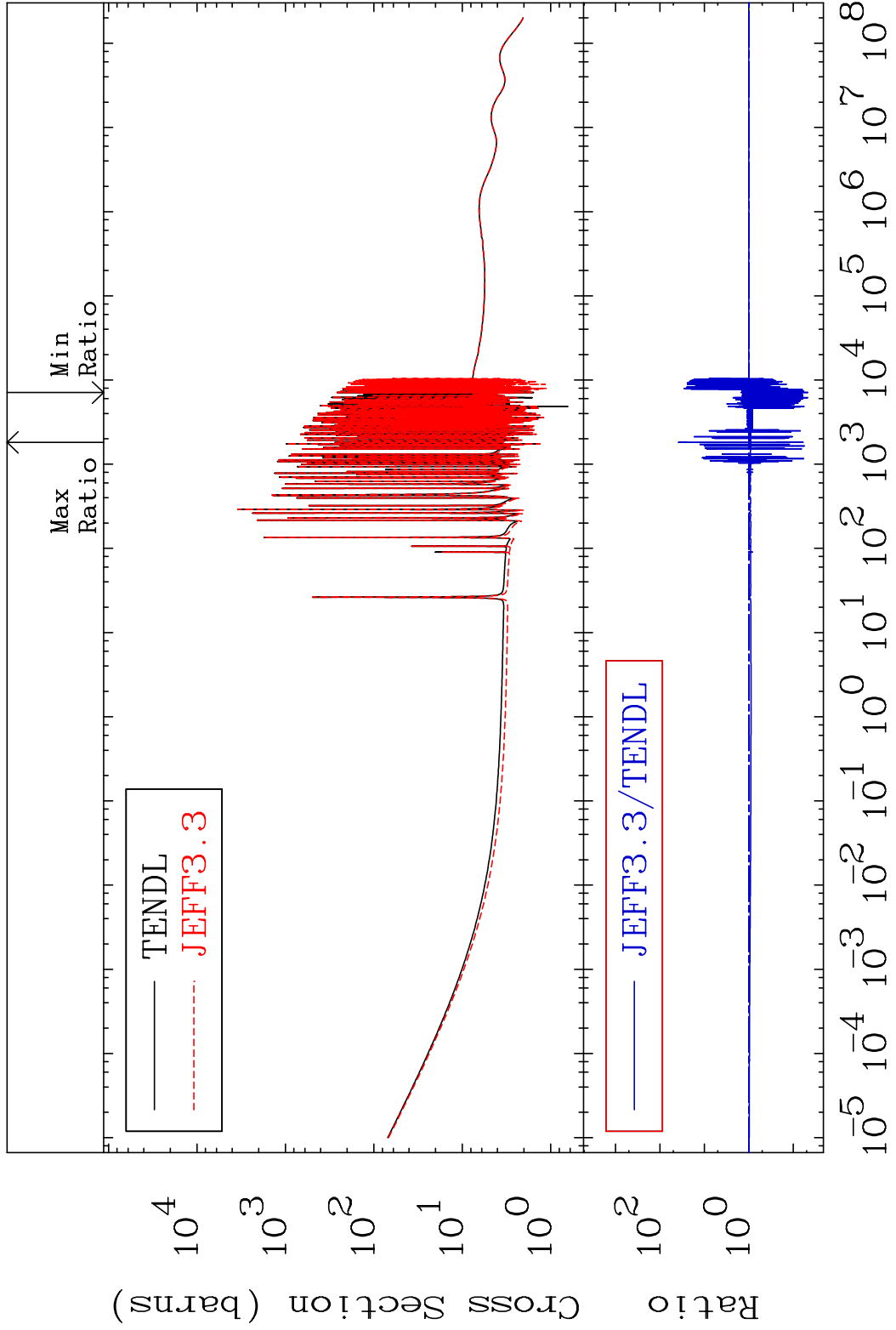
U.S.A.

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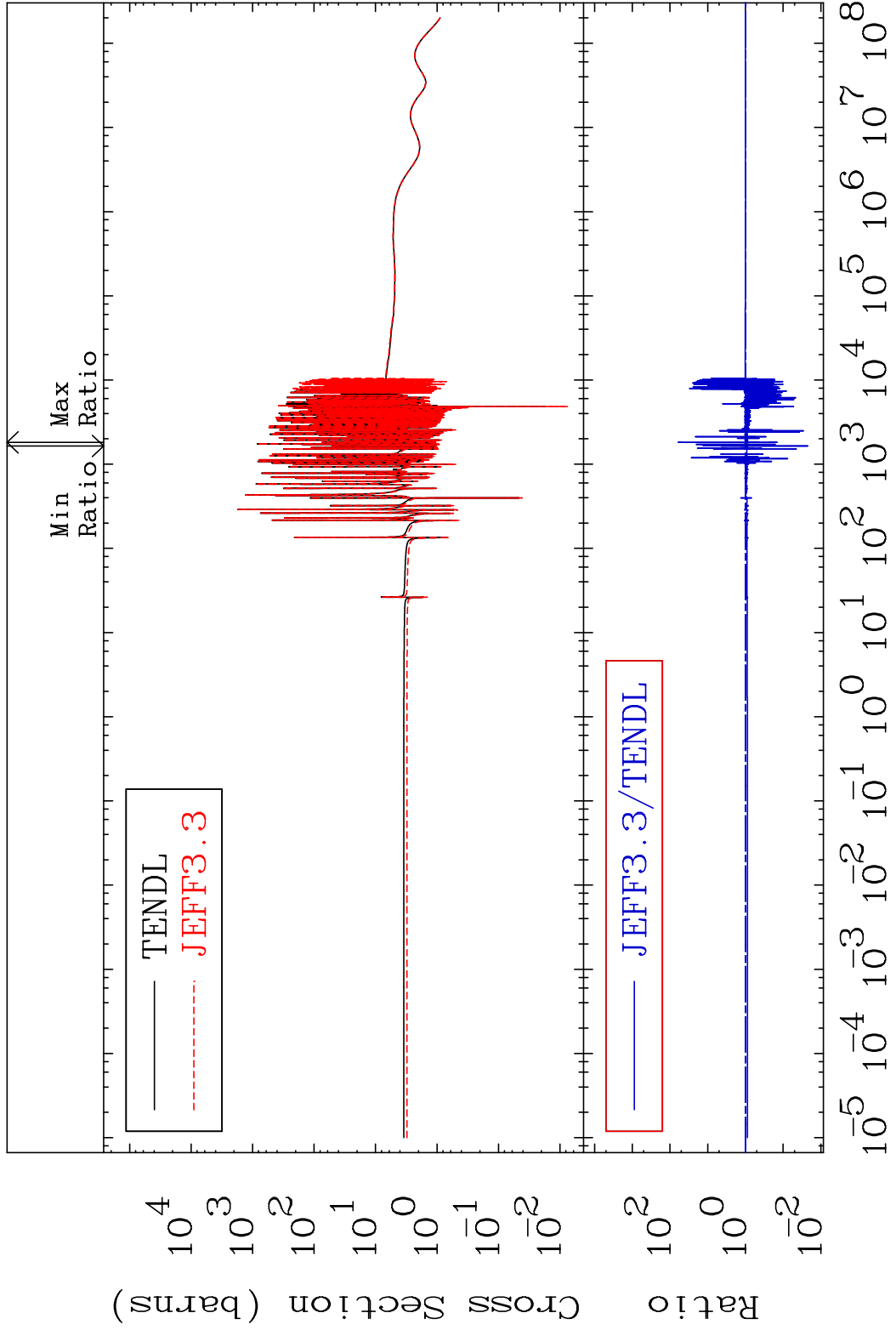
Press Mouse Button to Start

MAT 5240 Total 52-Te-125
 Cross Section -95.26 To 3760. %



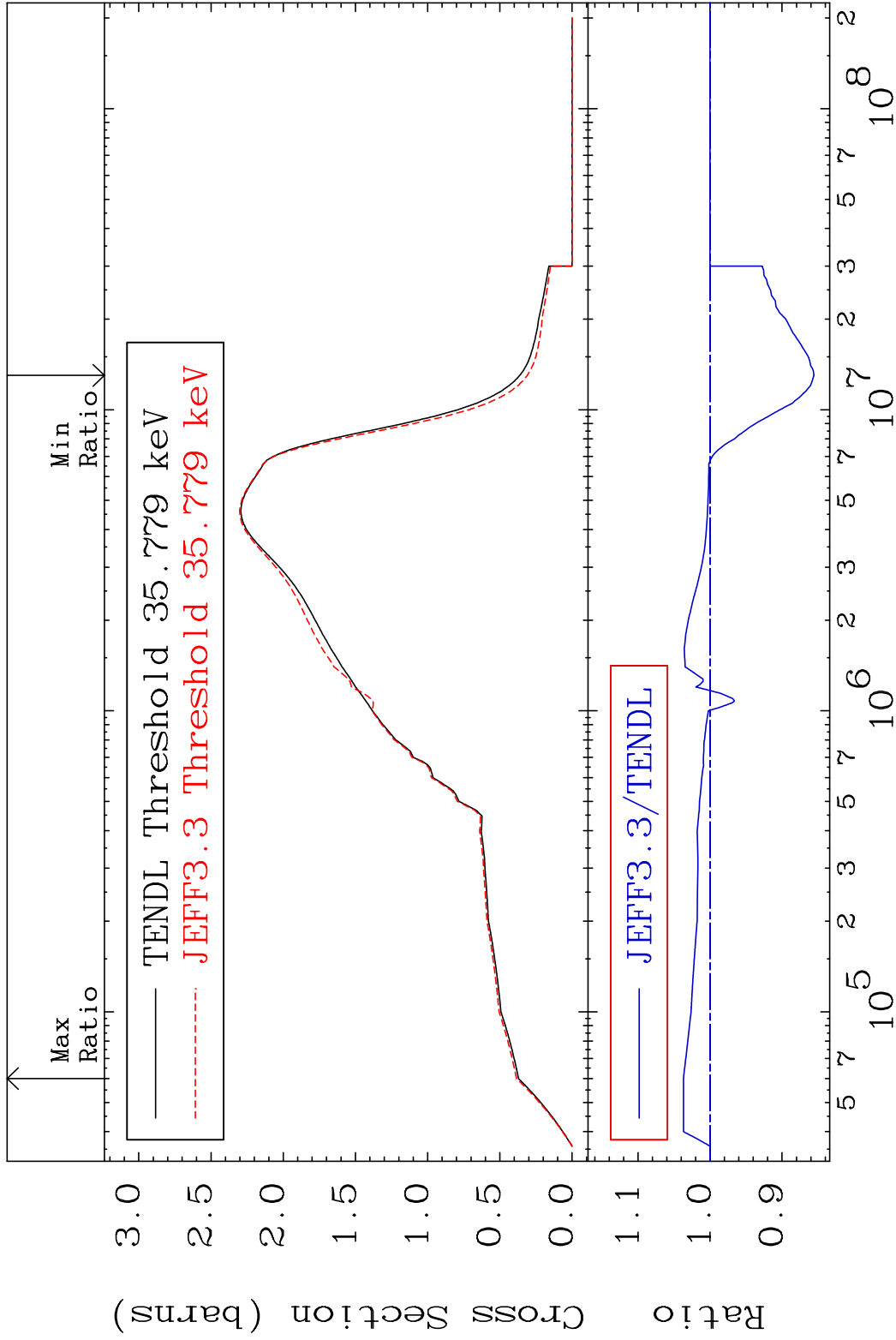
1 Incident Energy (eV) 52-Te-125

MAT 5240 Elastic 52-Te-125
 Cross Section -97.77 To 5939. %

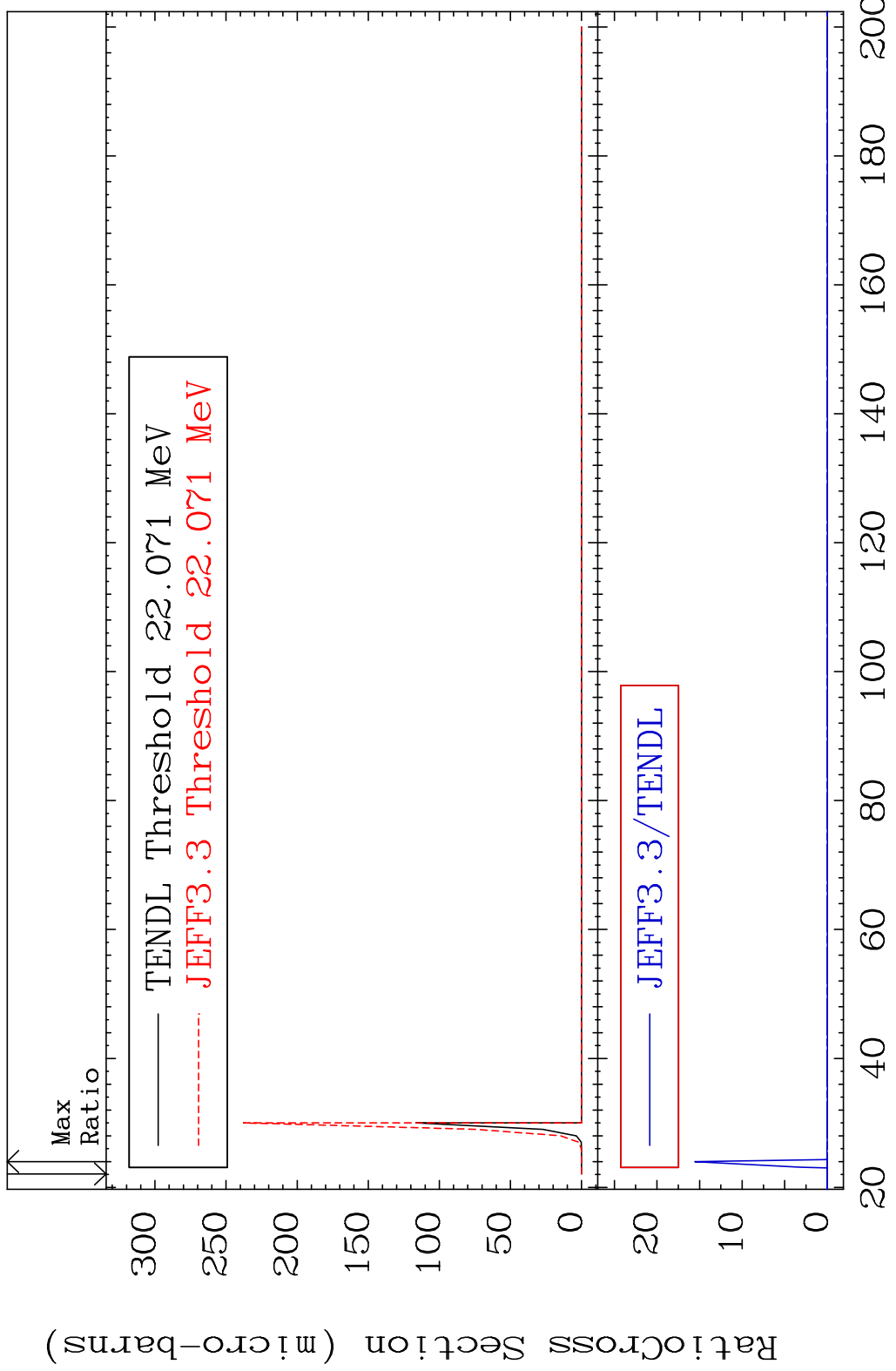


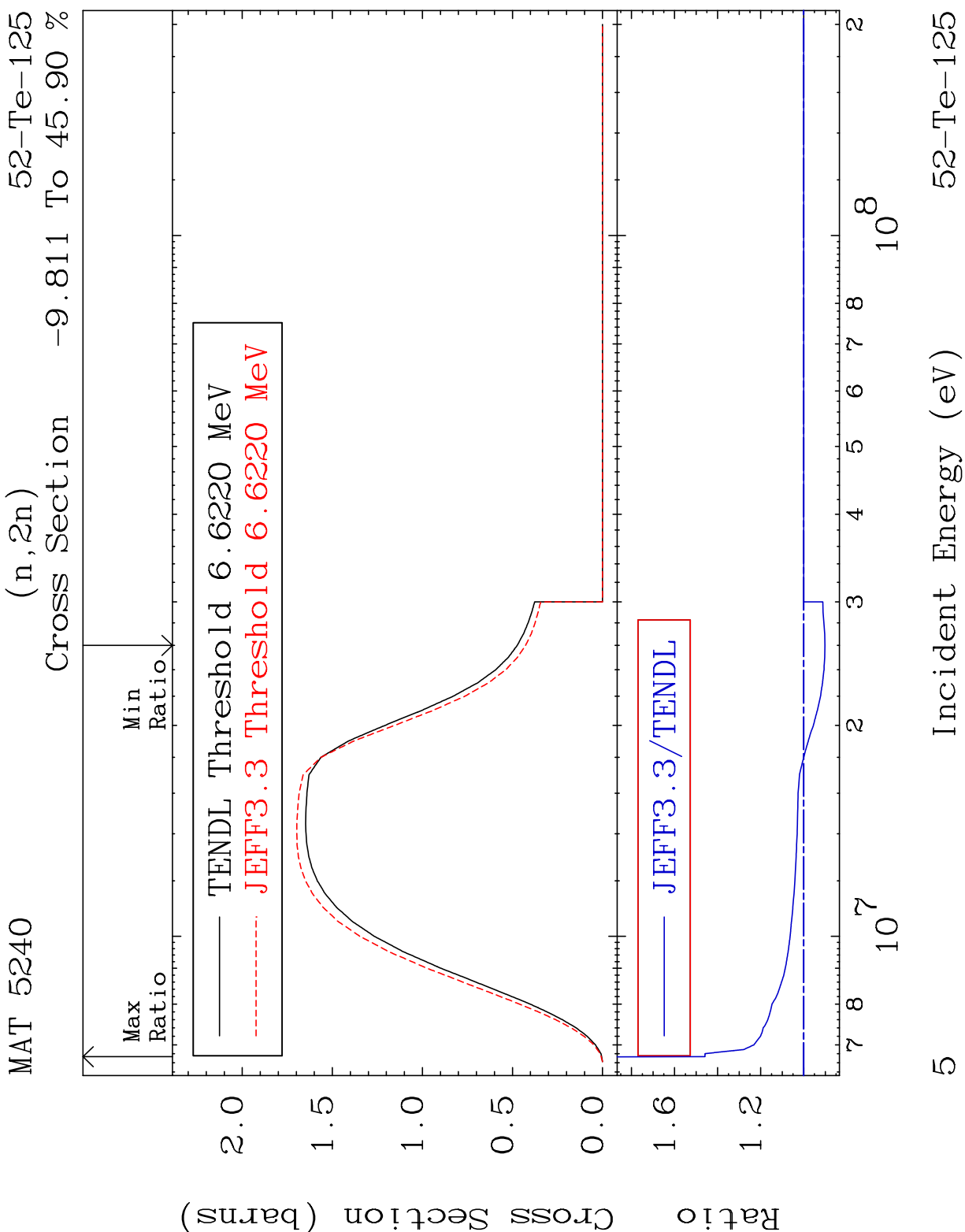
2 Incident Energy (eV) 52-Te-125

MAT 5240 Inelastic Cross Section -14.42 To 3.700 % 52-Te-125

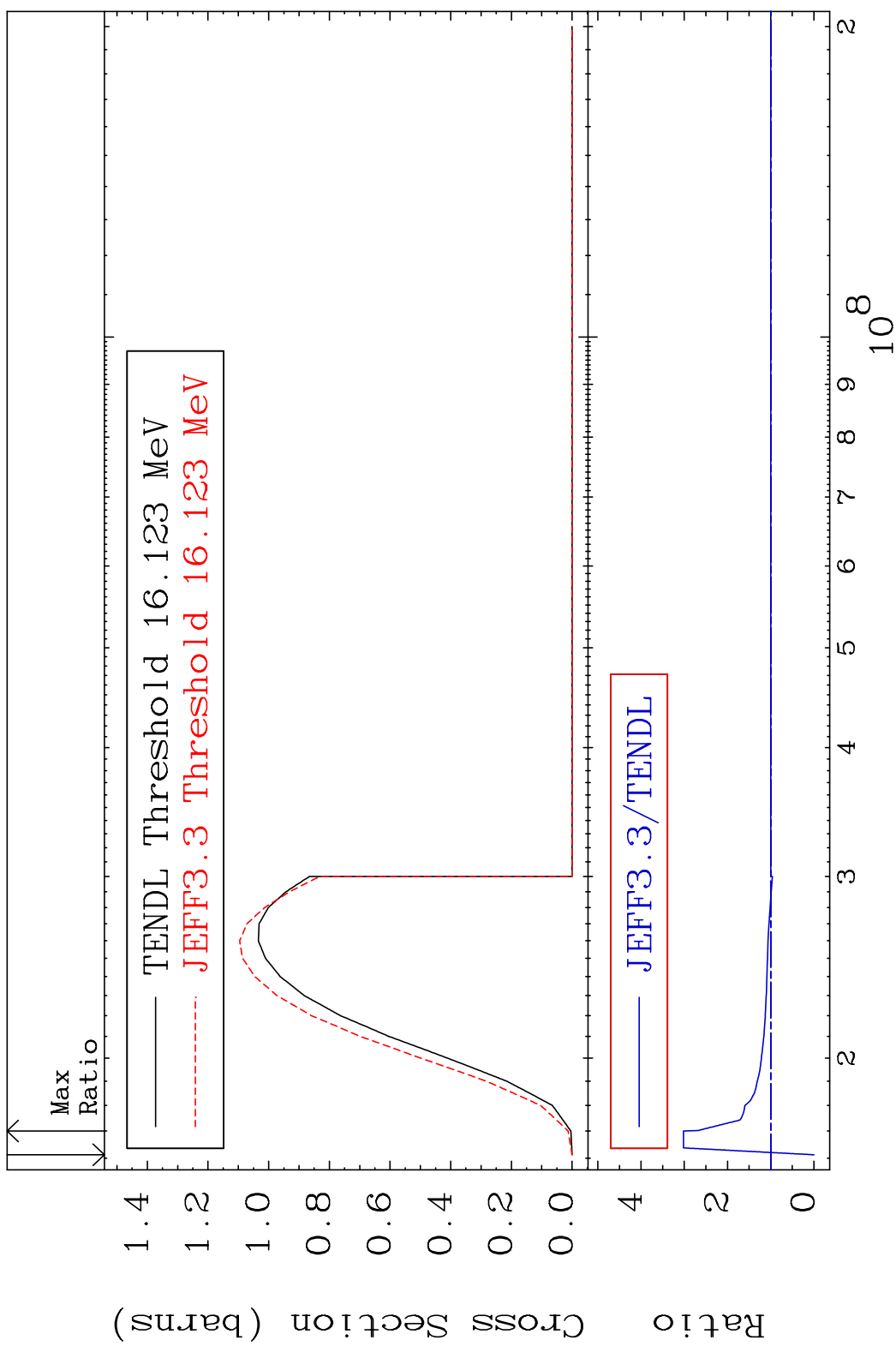


MAT 5240 (n,2n) d 52-Te-125
Cross Section -100.0 To 9999. %

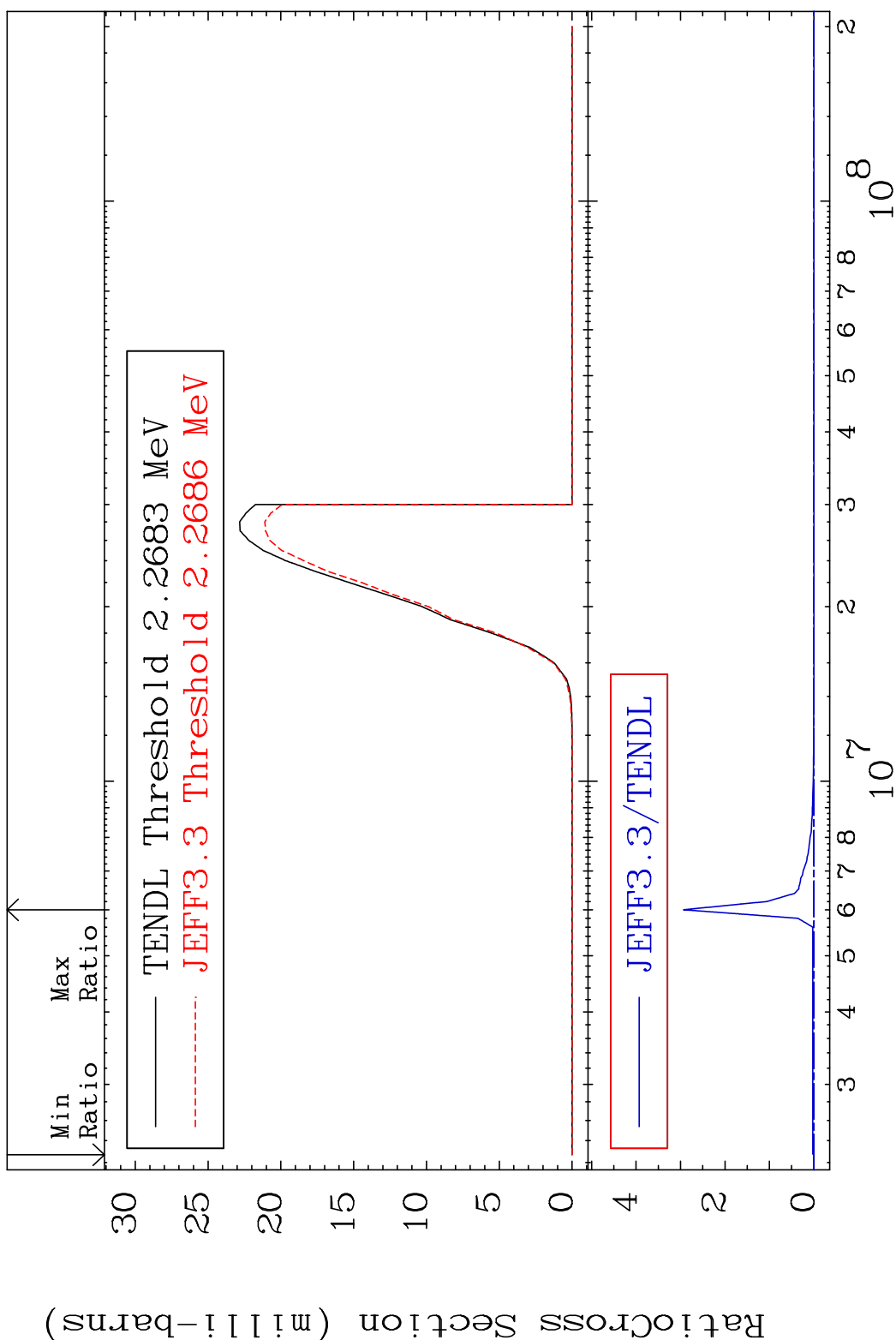




MAT 5240 (n,3n) 52-Te-125
 Cross Section -100.0 To 201.9 %

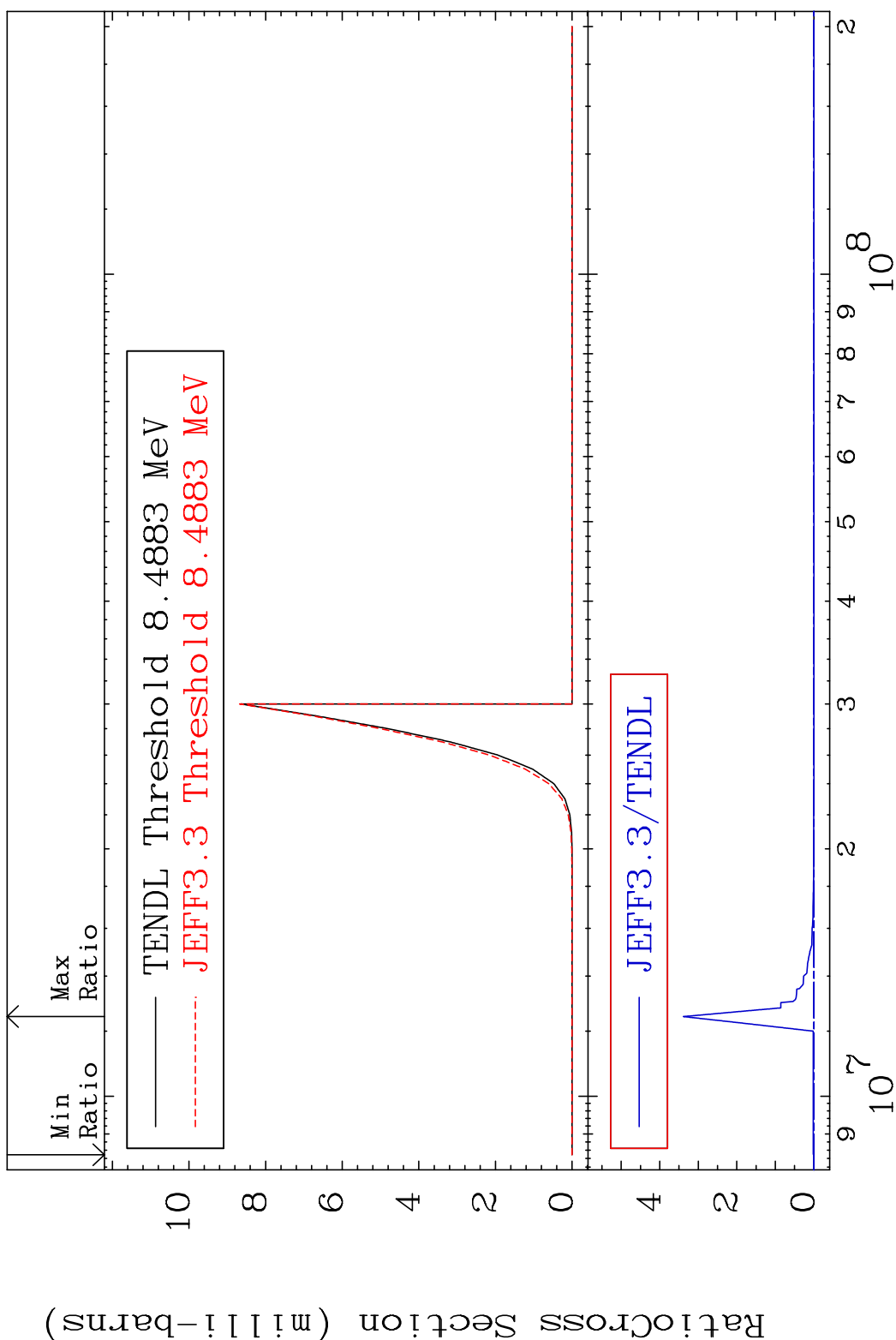


MAT 5240 (n, n') α 52-Te-125
 Cross Section -100.0 To 9999. %



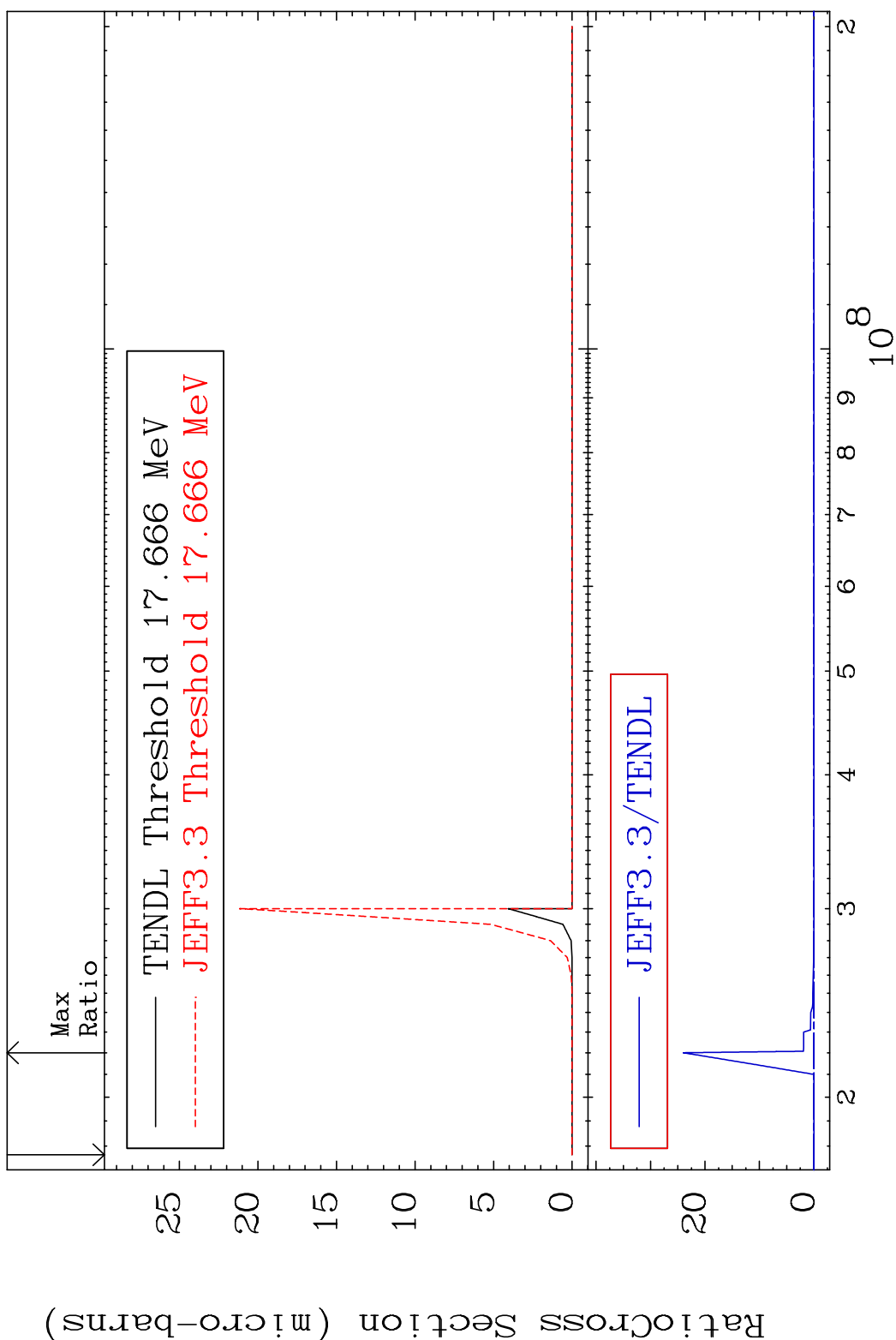
7 Incident Energy (eV) 52-Te-125

MAT 5240 (n,2n) α 52-Te-125
 Cross Section -100.0 To 9999. %

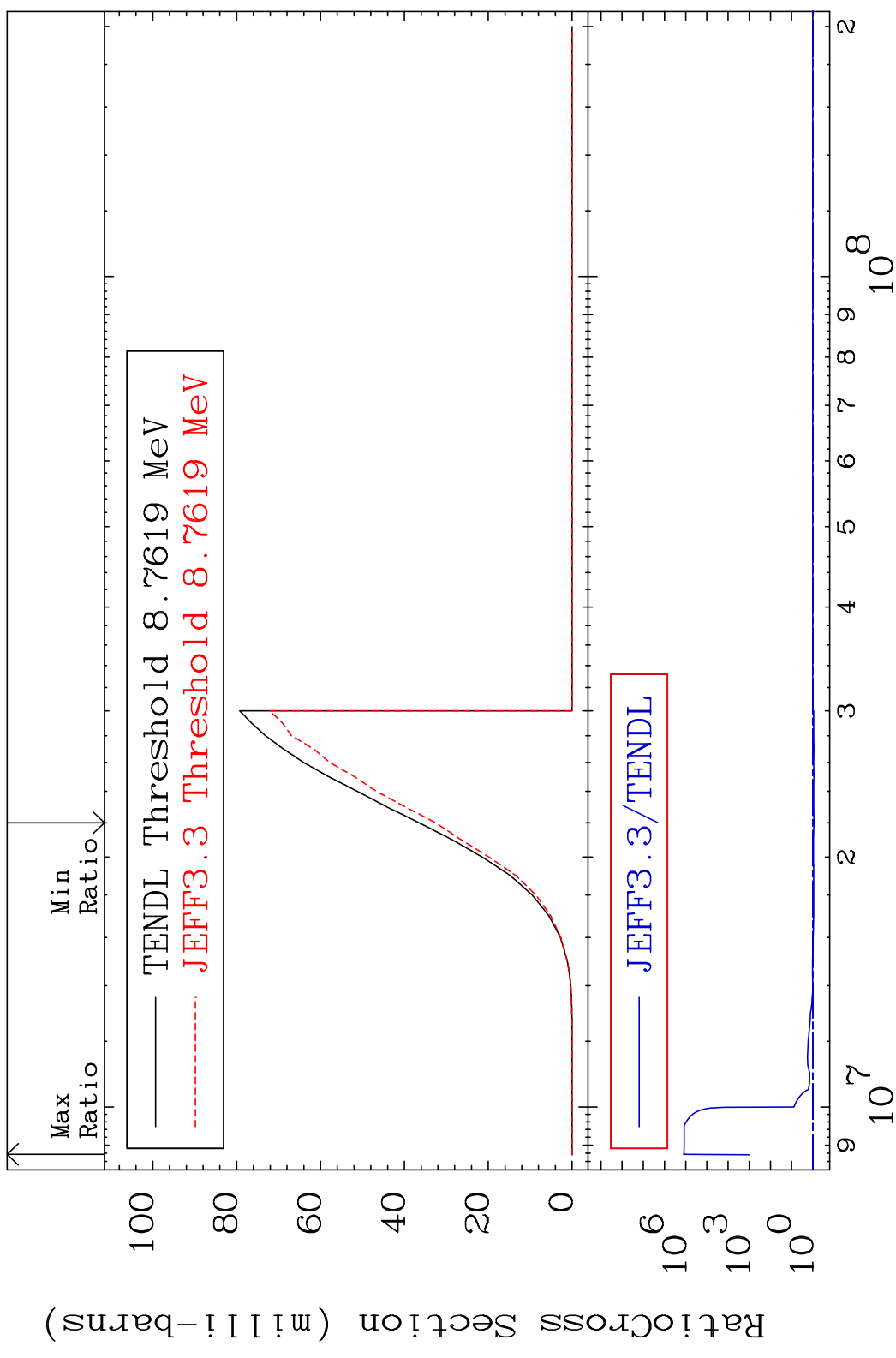


8 Incident Energy (eV) 52-Te-125

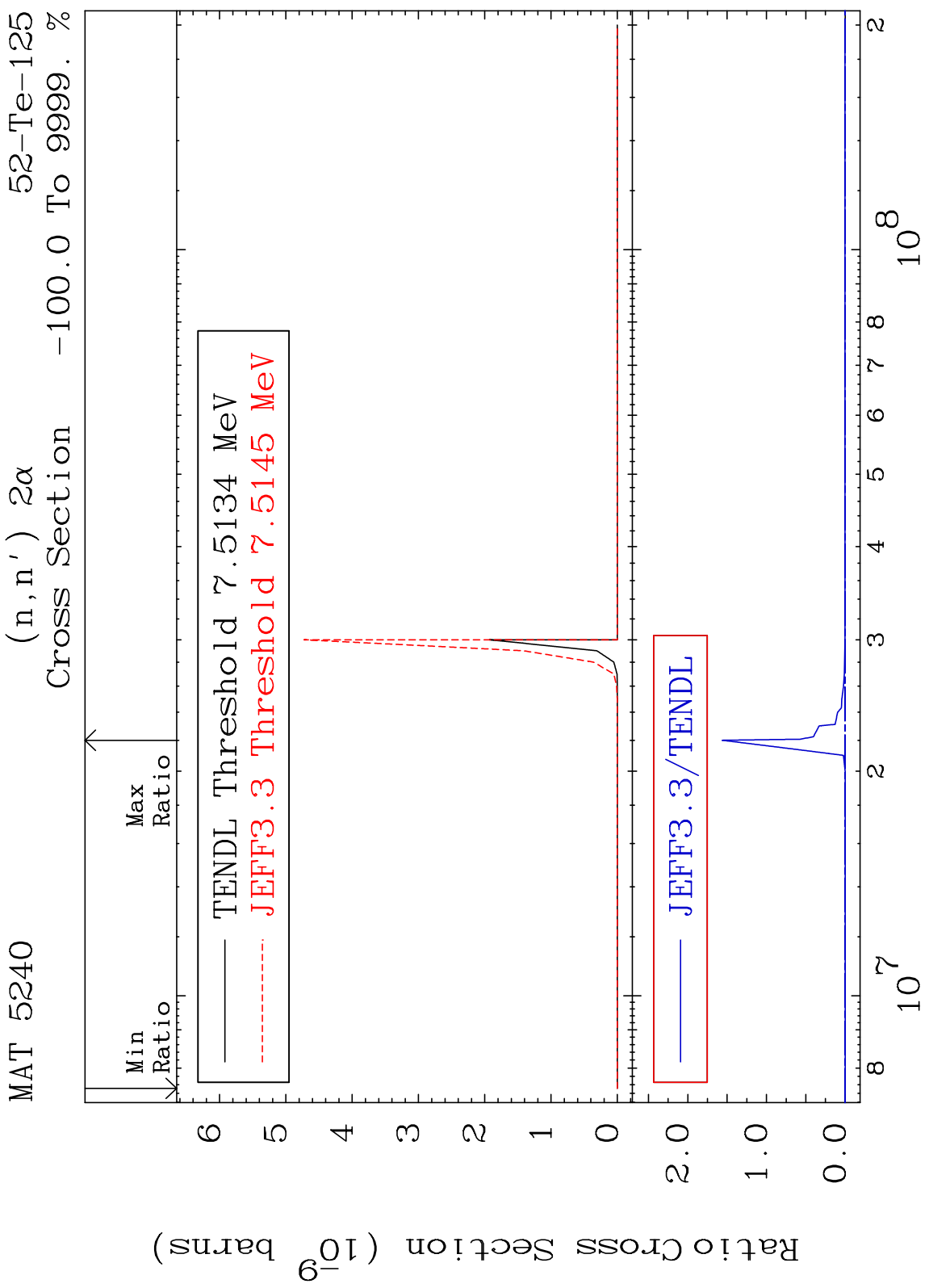
MAT 5240 (n,3n) α 52-Te-125
 Cross Section -100.0 To 9999. %



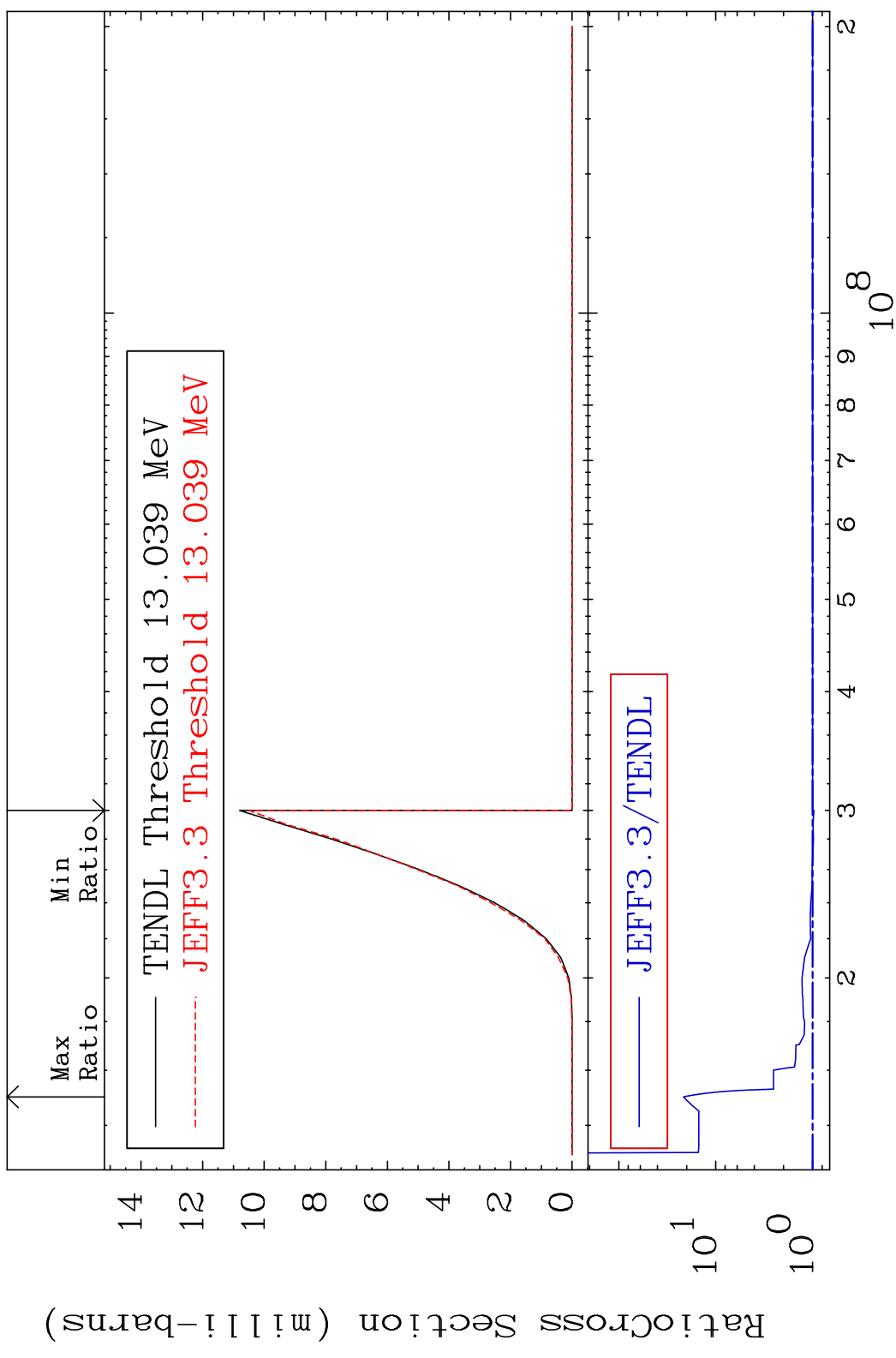
MAT 5240 (n, n') p 52-Te-125
 Cross Section -10.78 To 9999. %



10 Incident Energy (eV) 52-Te-125

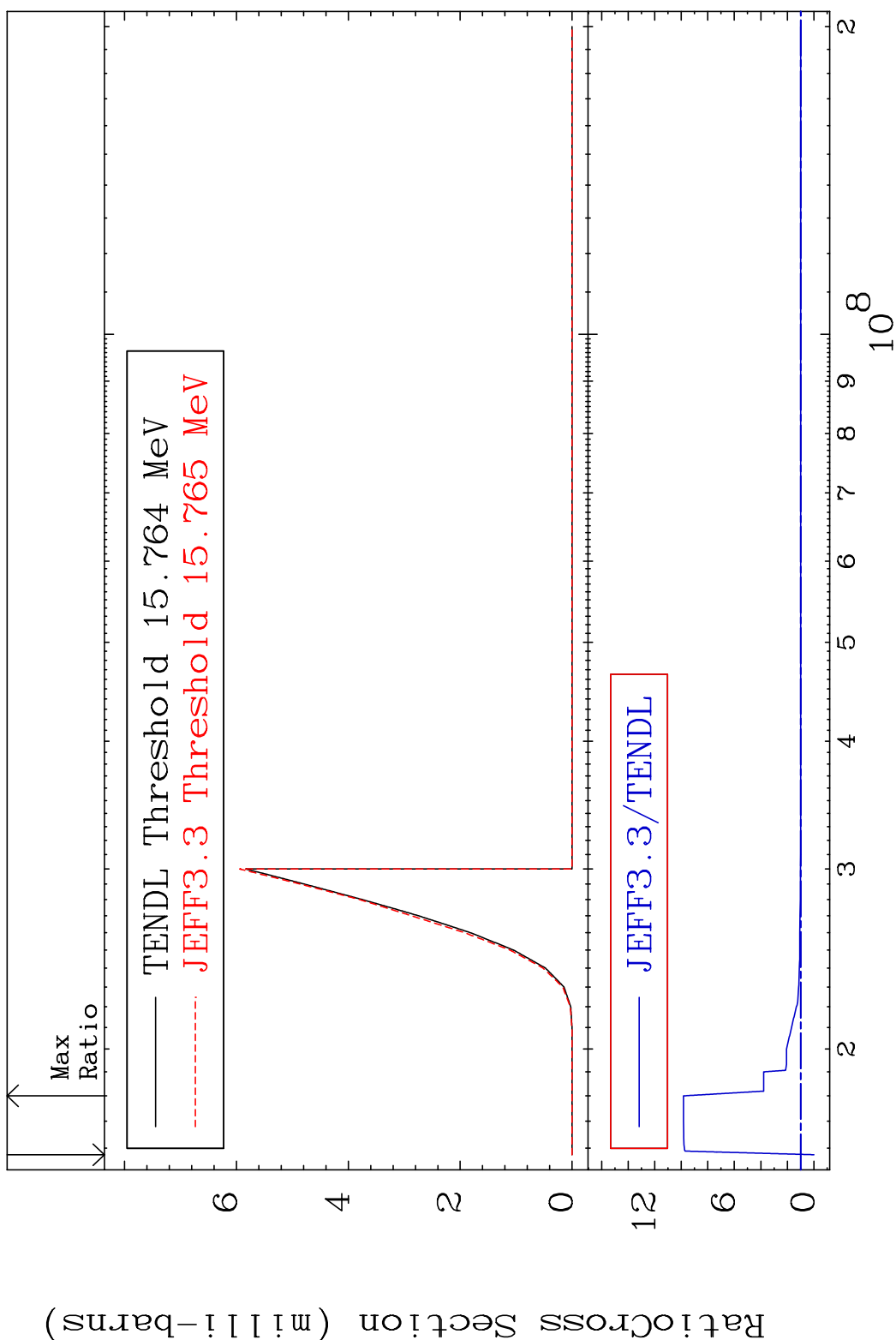


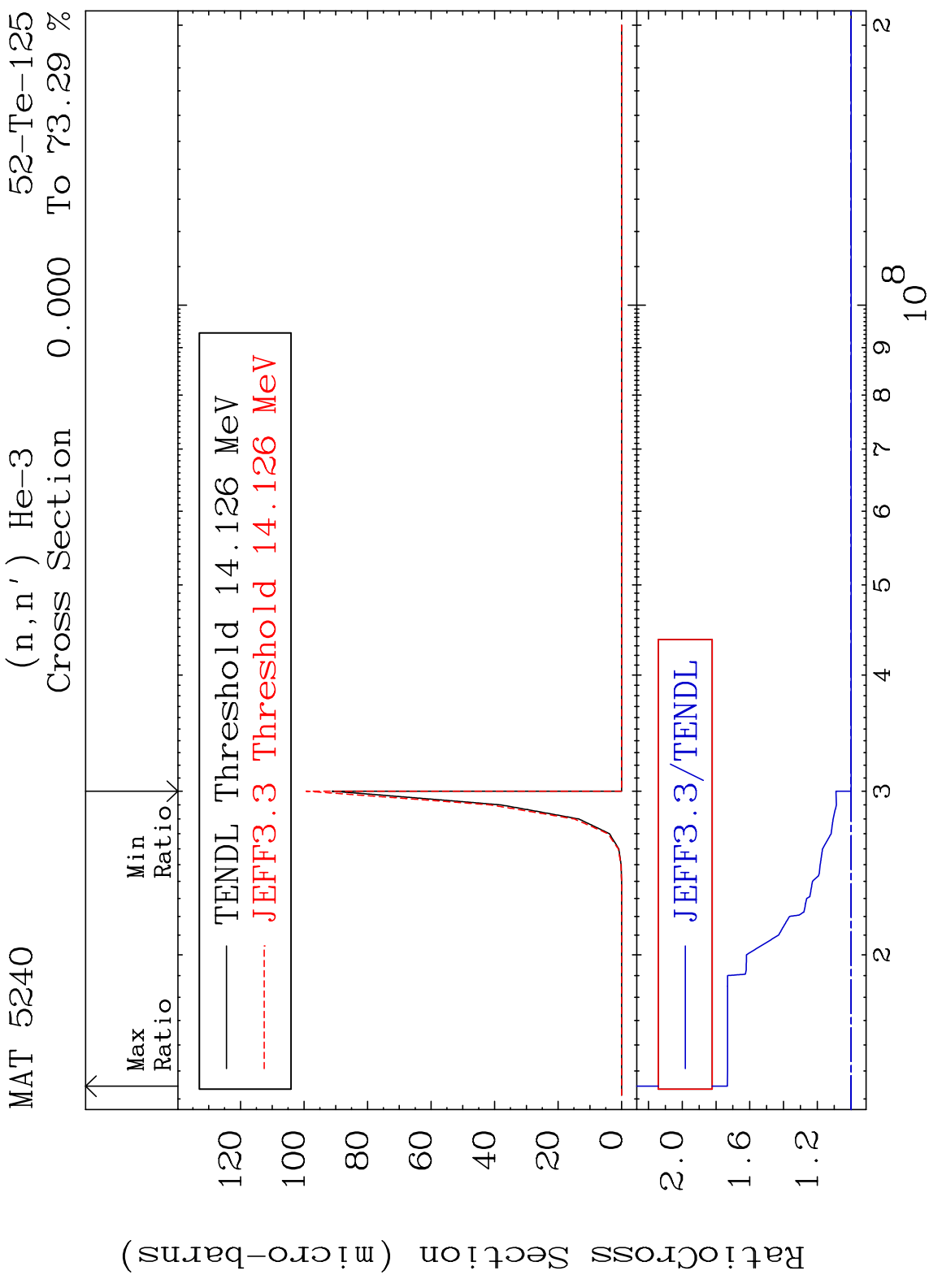
MAT 5240 (n, n') d 52-Te-125
 Cross Section -2.858 To 2054. %



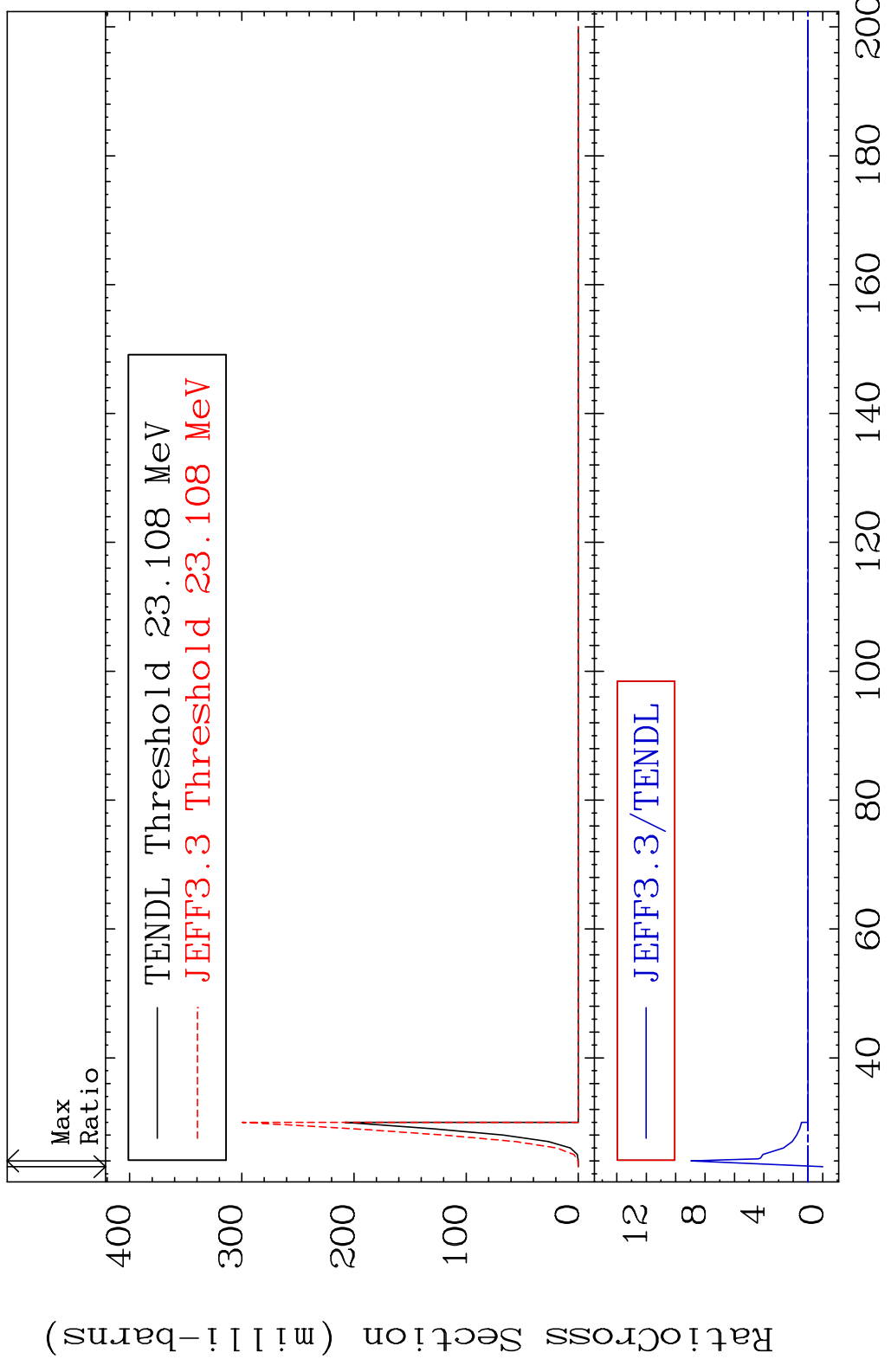
12 Incident Energy (eV) 52-Te-125

MAT 5240 (n, n') t 52-Te-125
 Cross Section -100.0 To 883.3 %



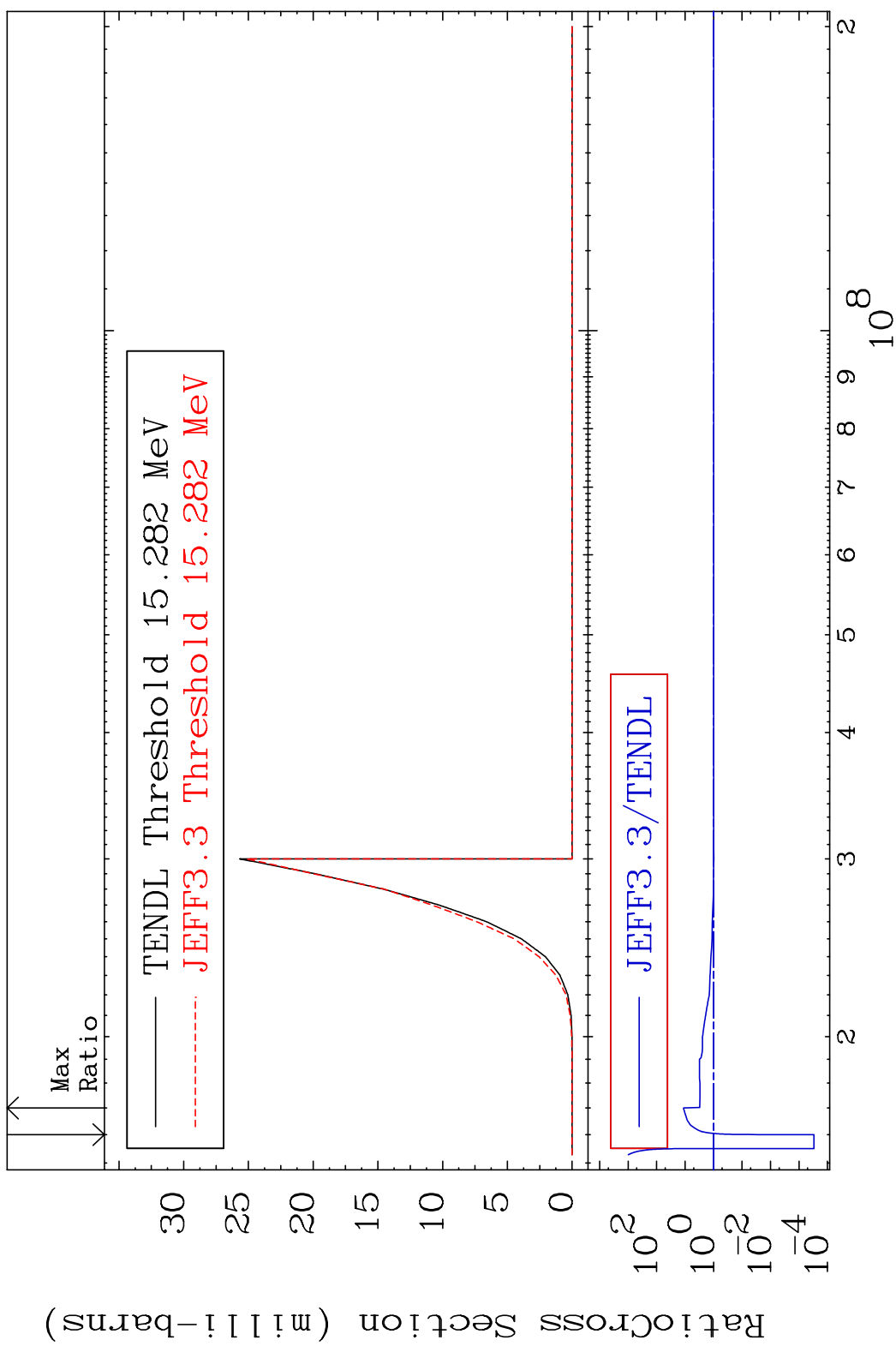


MAT 5240 (n,4n) 52-Te-125
 Cross Section -100.0 To 796.5 %

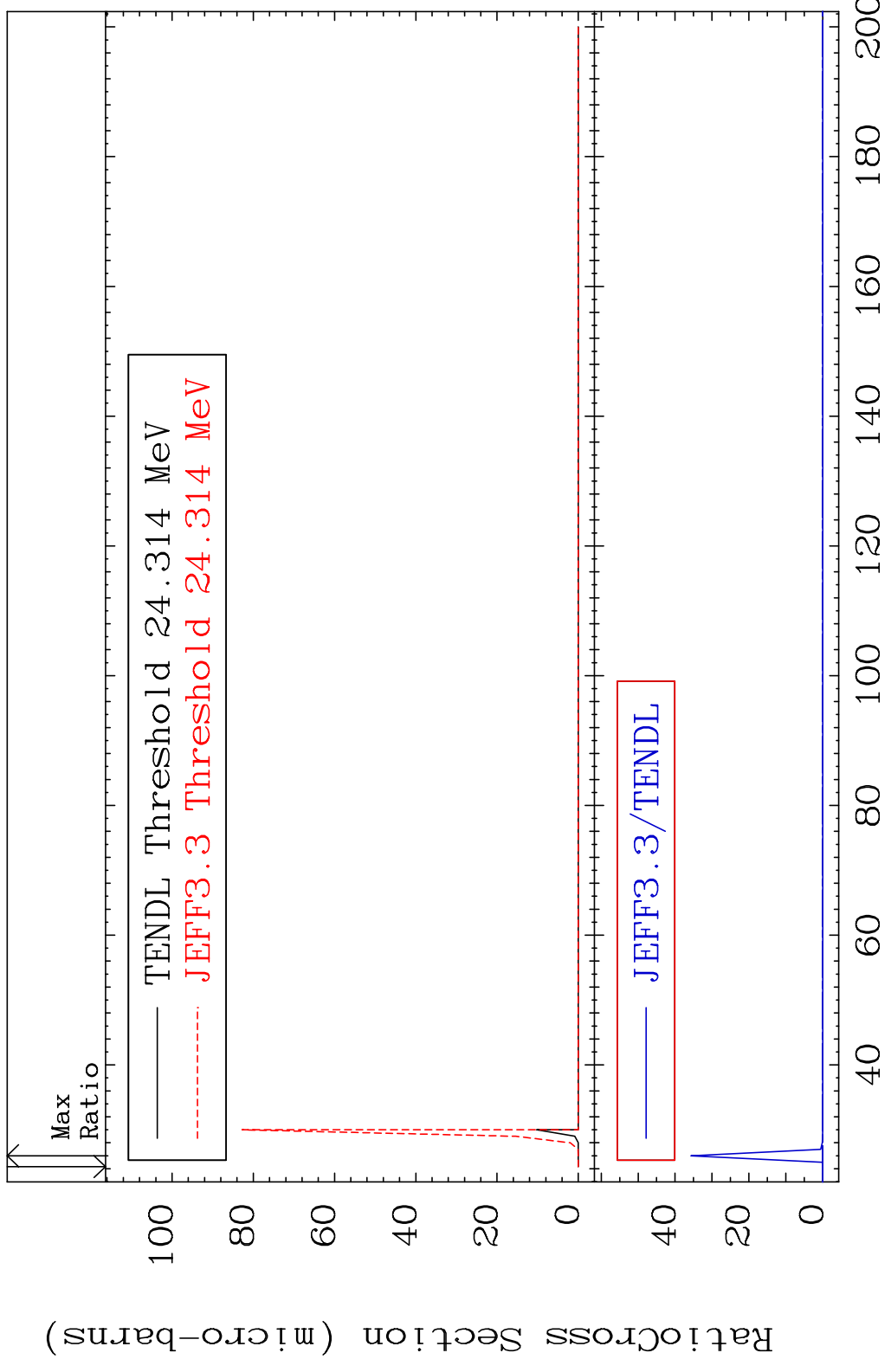


15 Incident Energy (MeV) 52-Te-125

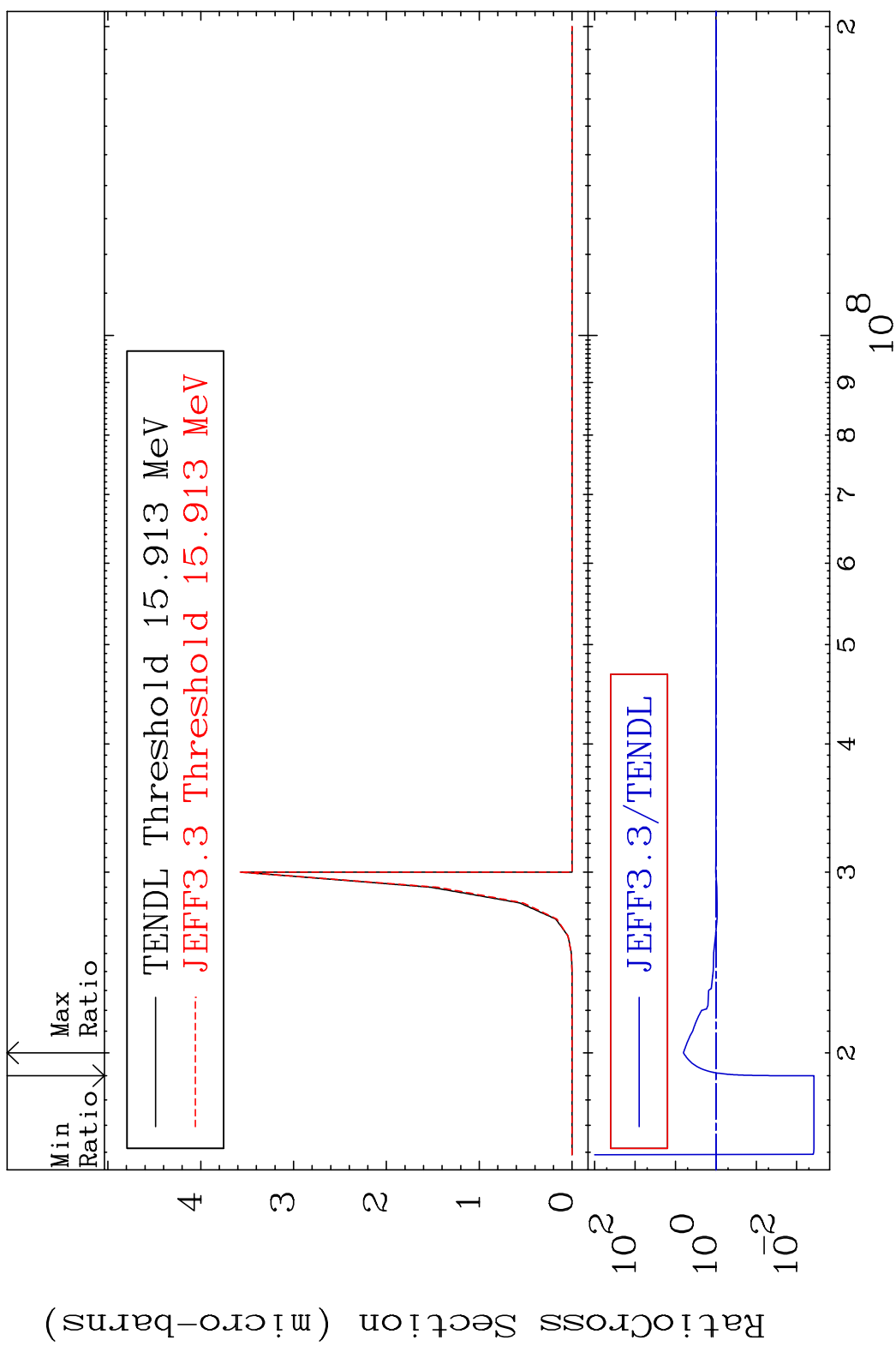
MAT 5240 (n,2n) p 52-Te-125
 Cross Section -99.97 To 1044. %



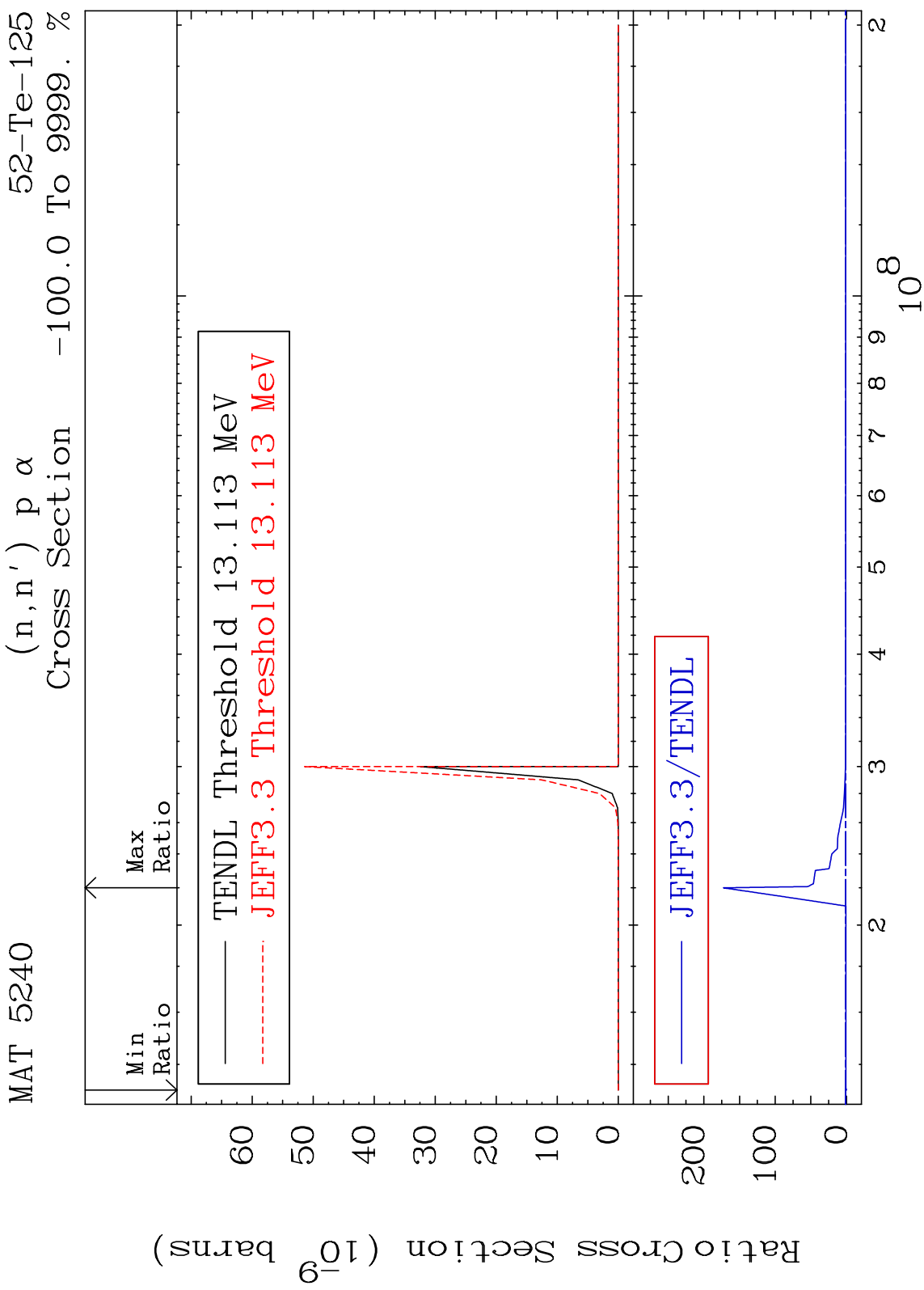
MAT 5240 (n,3n) p 52-Te-125
Cross Section -100.0 To 9999. %



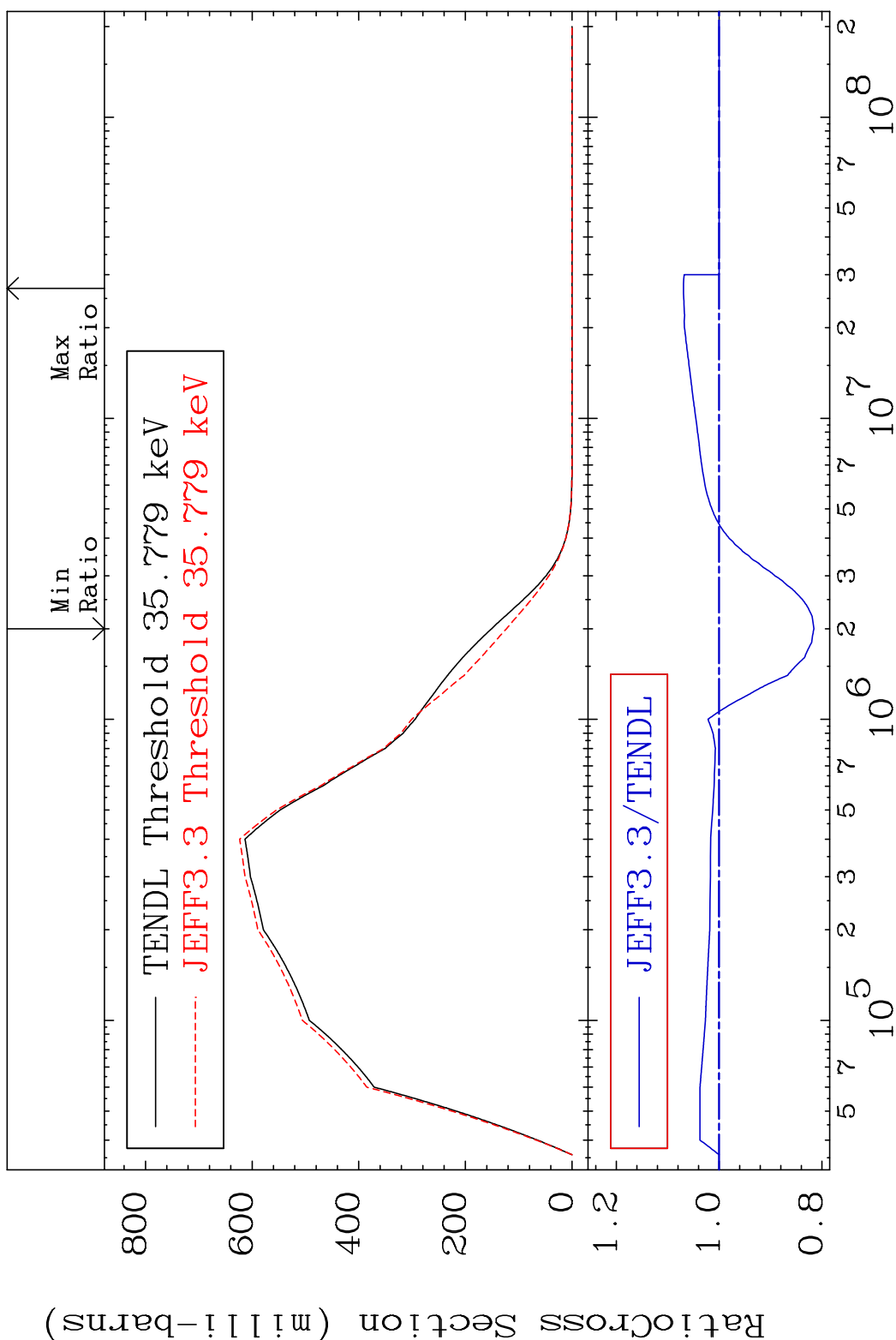
MAT 5240 (n,2n) p 52-Te-125
 Cross Section -99.62 To 534.5 %



18 Incident Energy (eV) 52-Te-125

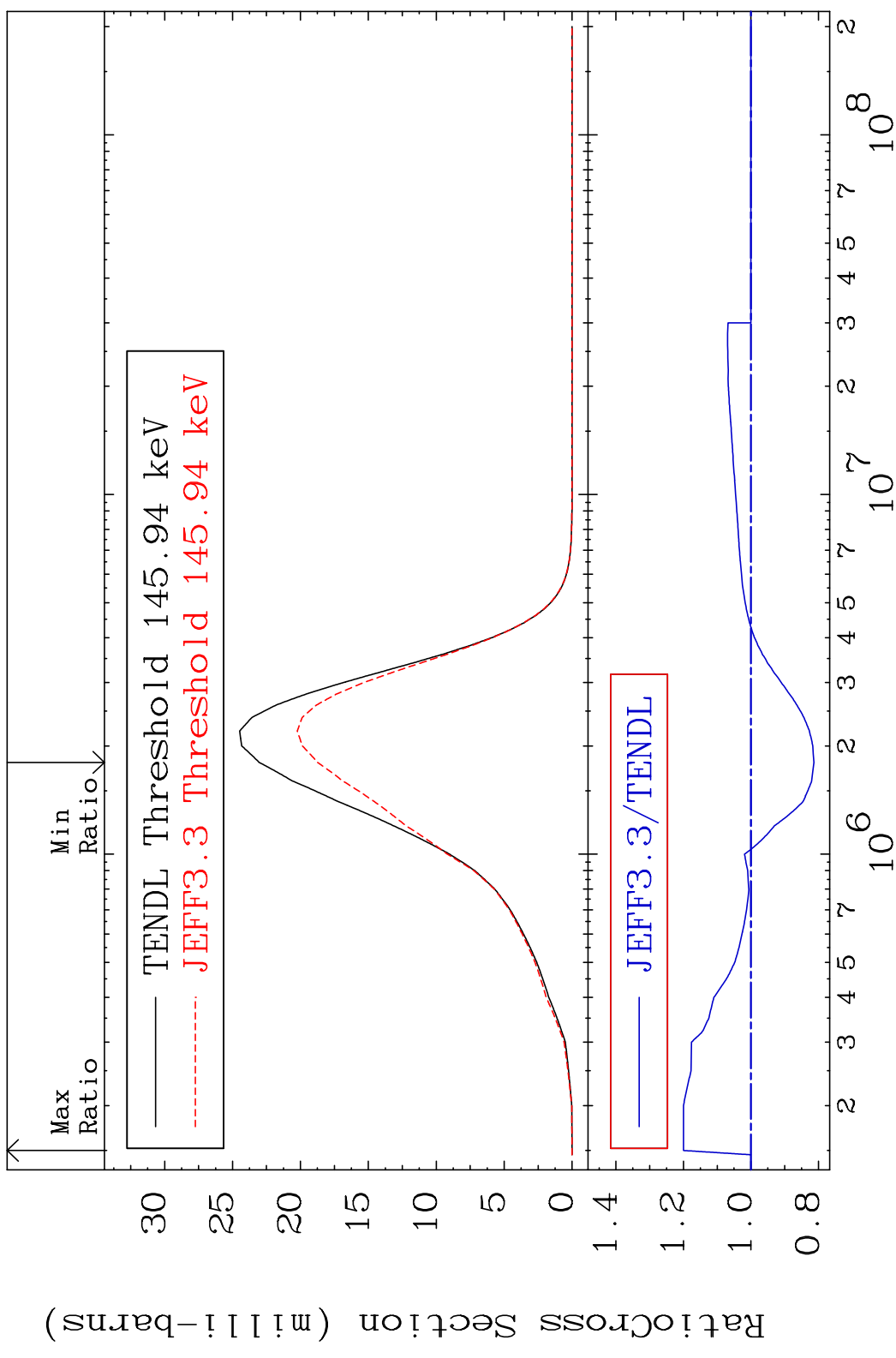


MAT 5240 MT= 51 (n, n') Level 52-Te-125
 Cross Section -18.45 To 6.921 %

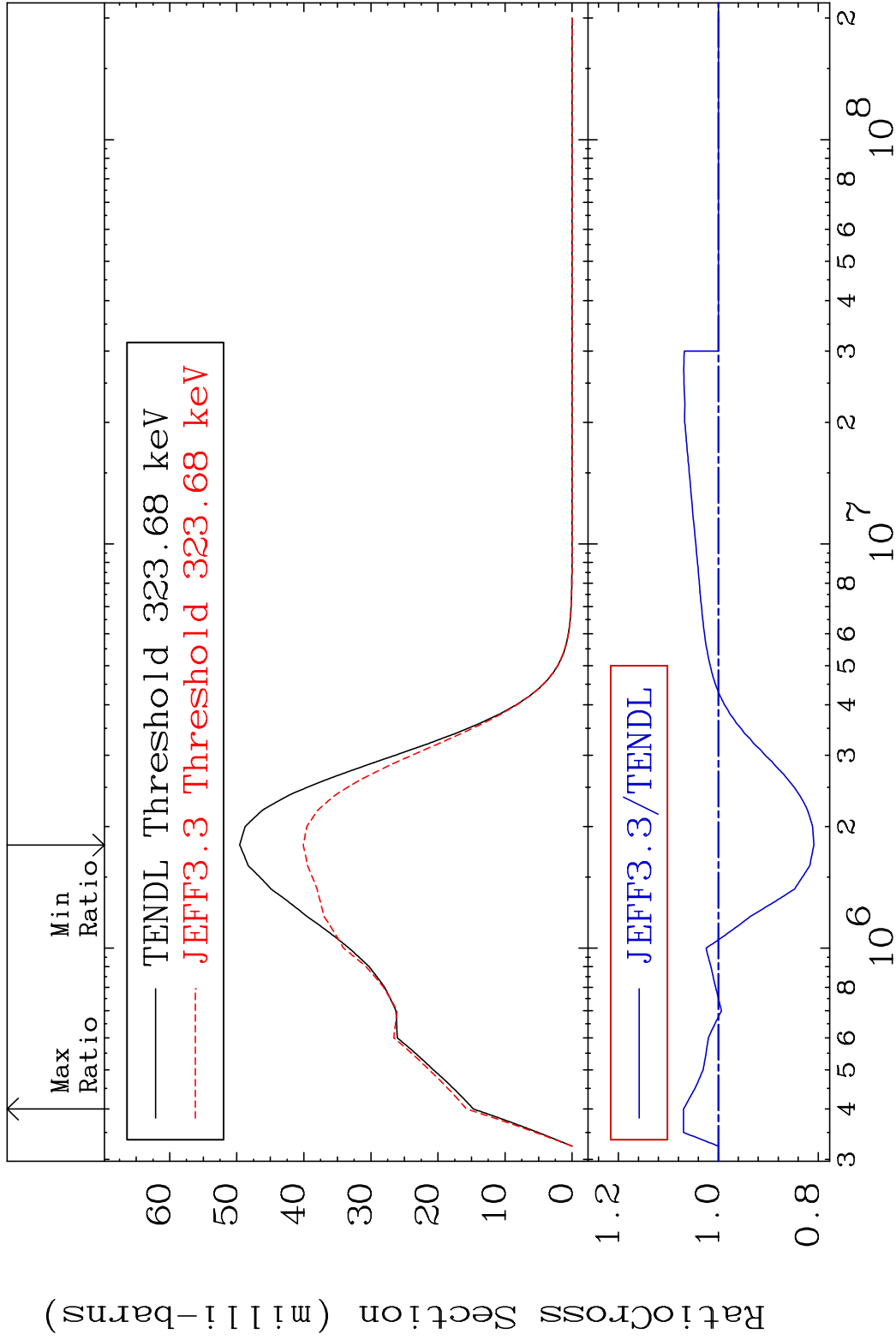


20 Incident Energy (eV) 52-Te-125

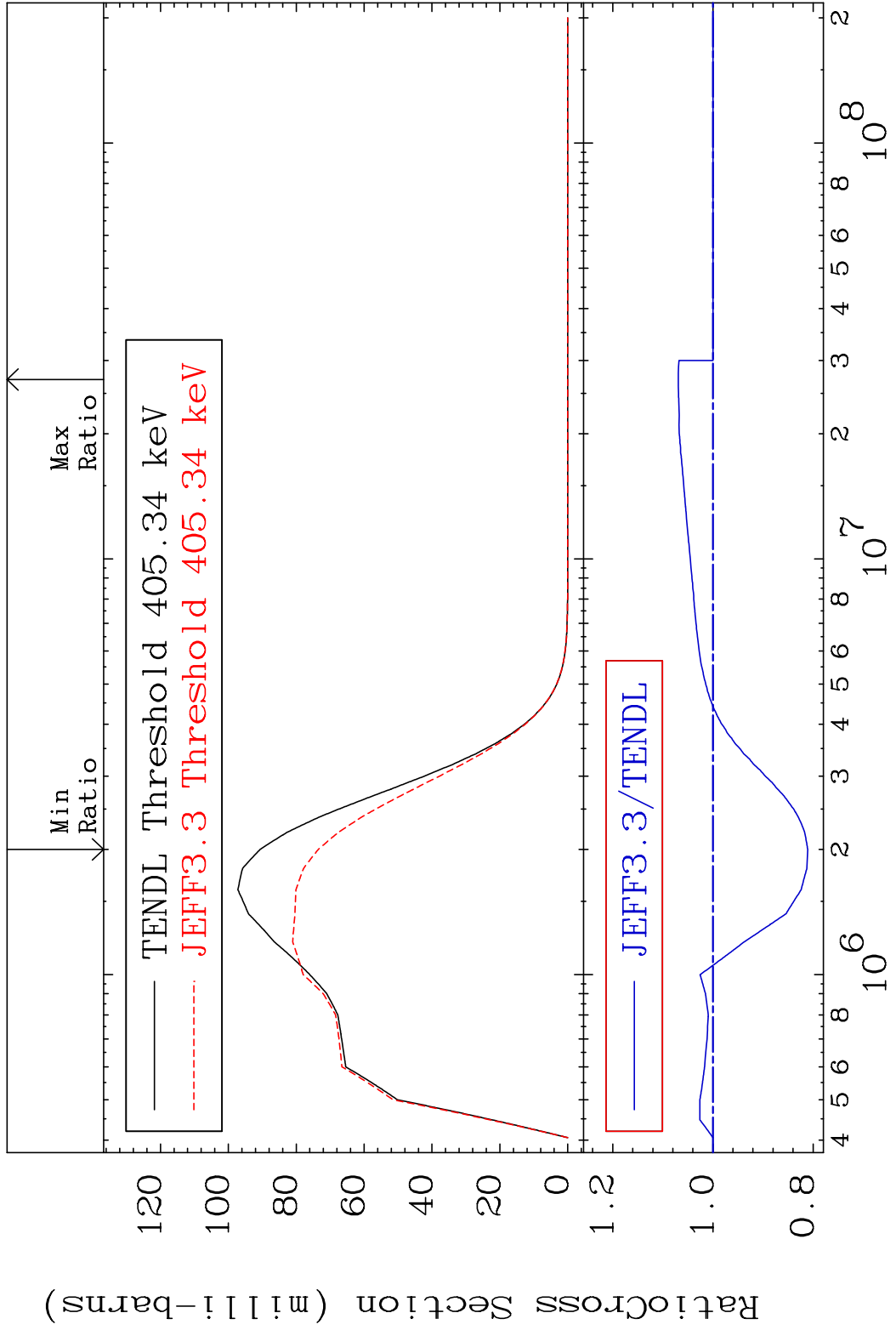
MAT 5240 MT= 52 (n, n') Level 52-Te-125
 Cross Section -18.66 To 20.00 %



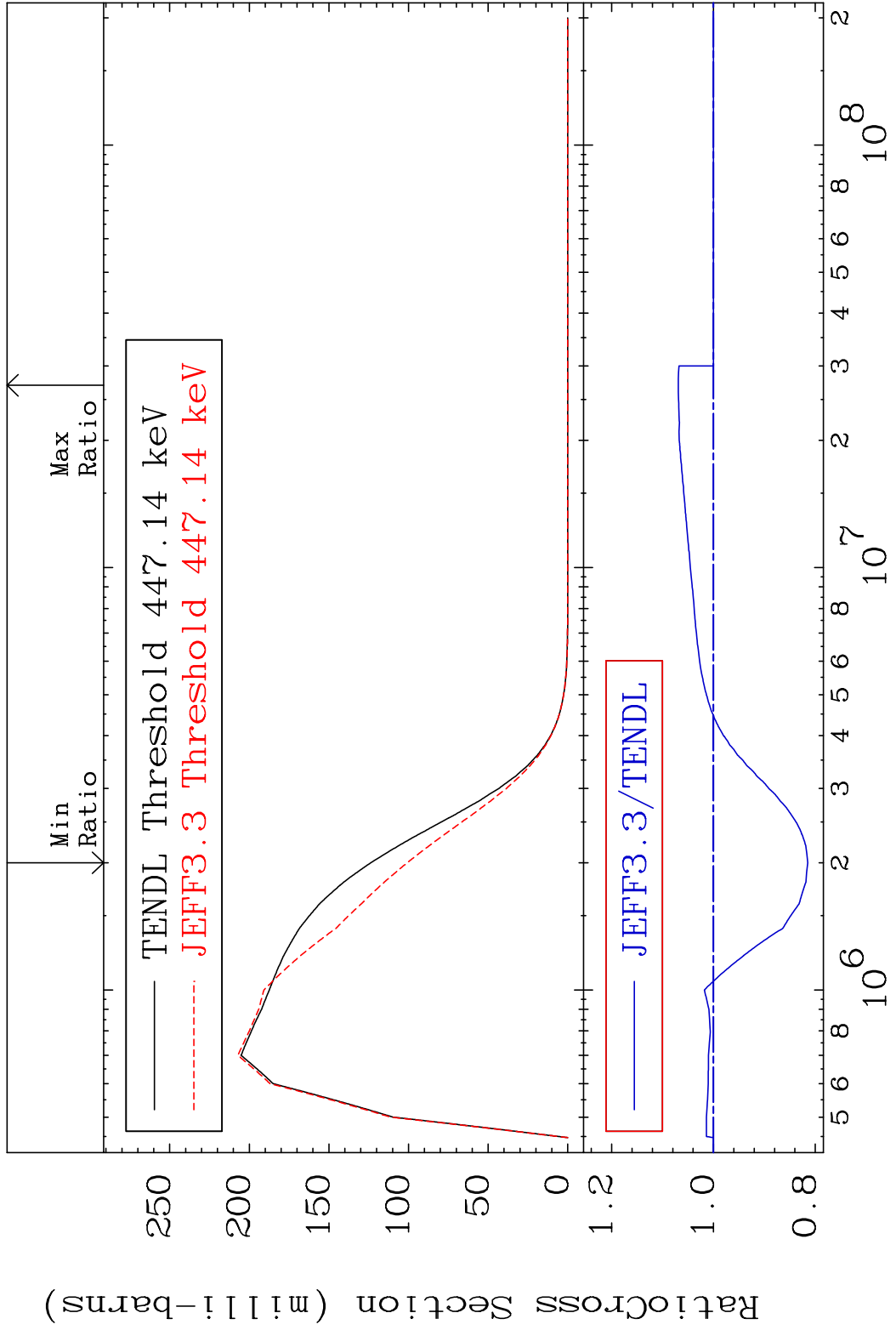
MAT 5240 MT= 53 (n, n') Level 52-Te-125
 Cross Section -19.14 To 6.988 %



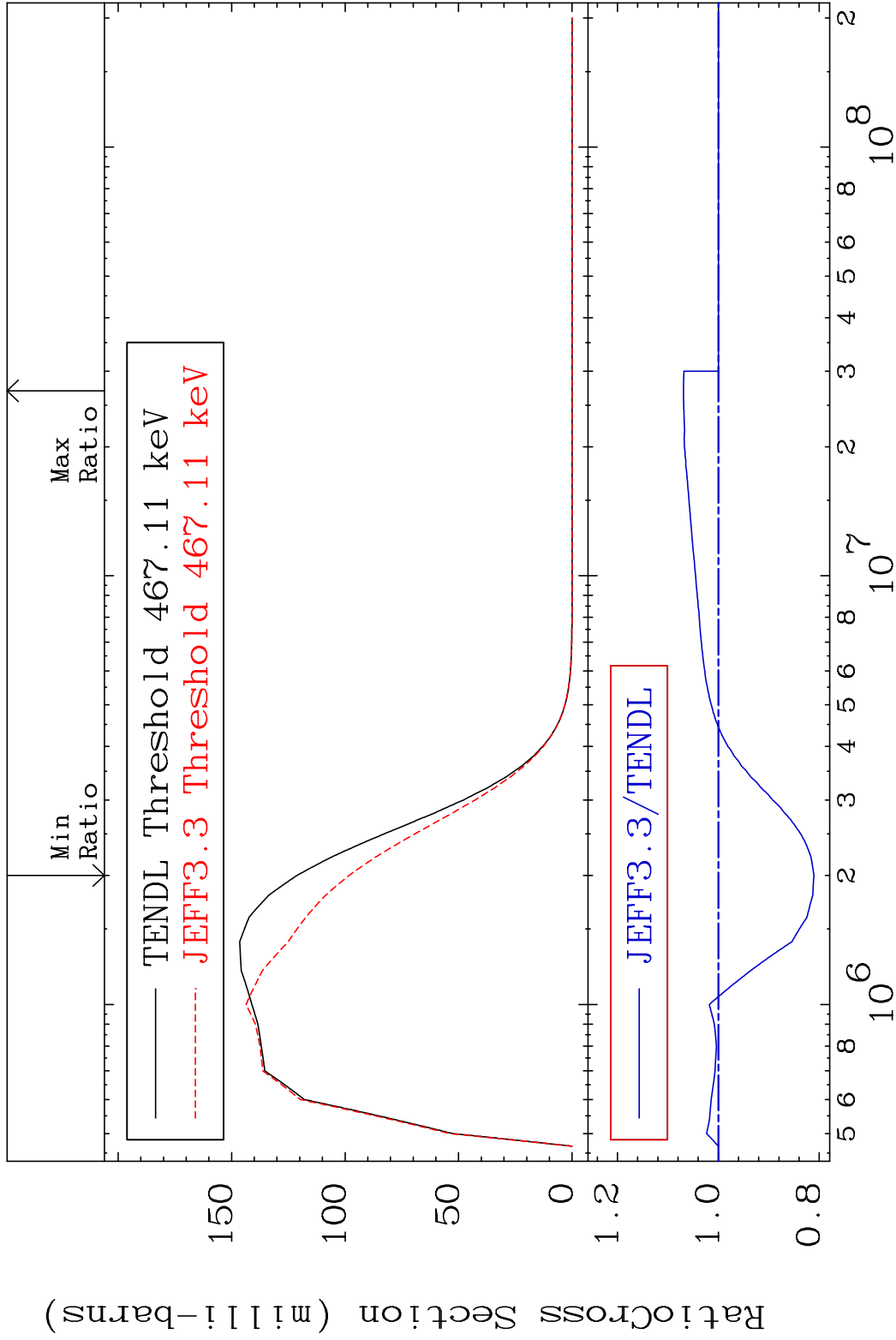
MAT 5240 MT= 54 (n, n') Level 52-Te-125
 Cross Section -18.92 To 6.917 %



MAT 5240 MT= 55 (n, n') Level 52-Te-125
 Cross Section -18.51 To 6.921 %

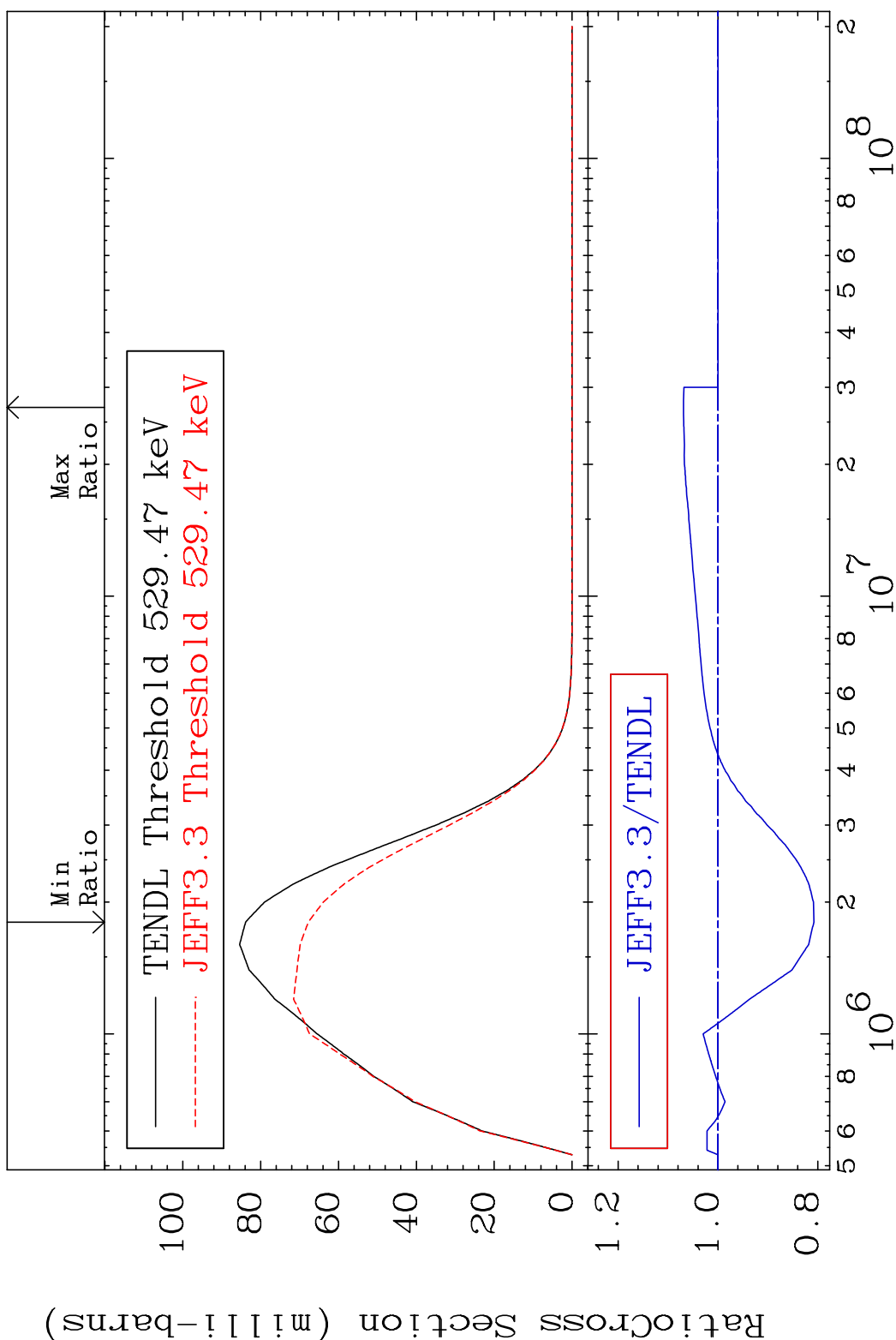


MAT 5240 MT= 56 (n, n') Level 52-Te-125
 Cross Section -18.93 To 6.920 %



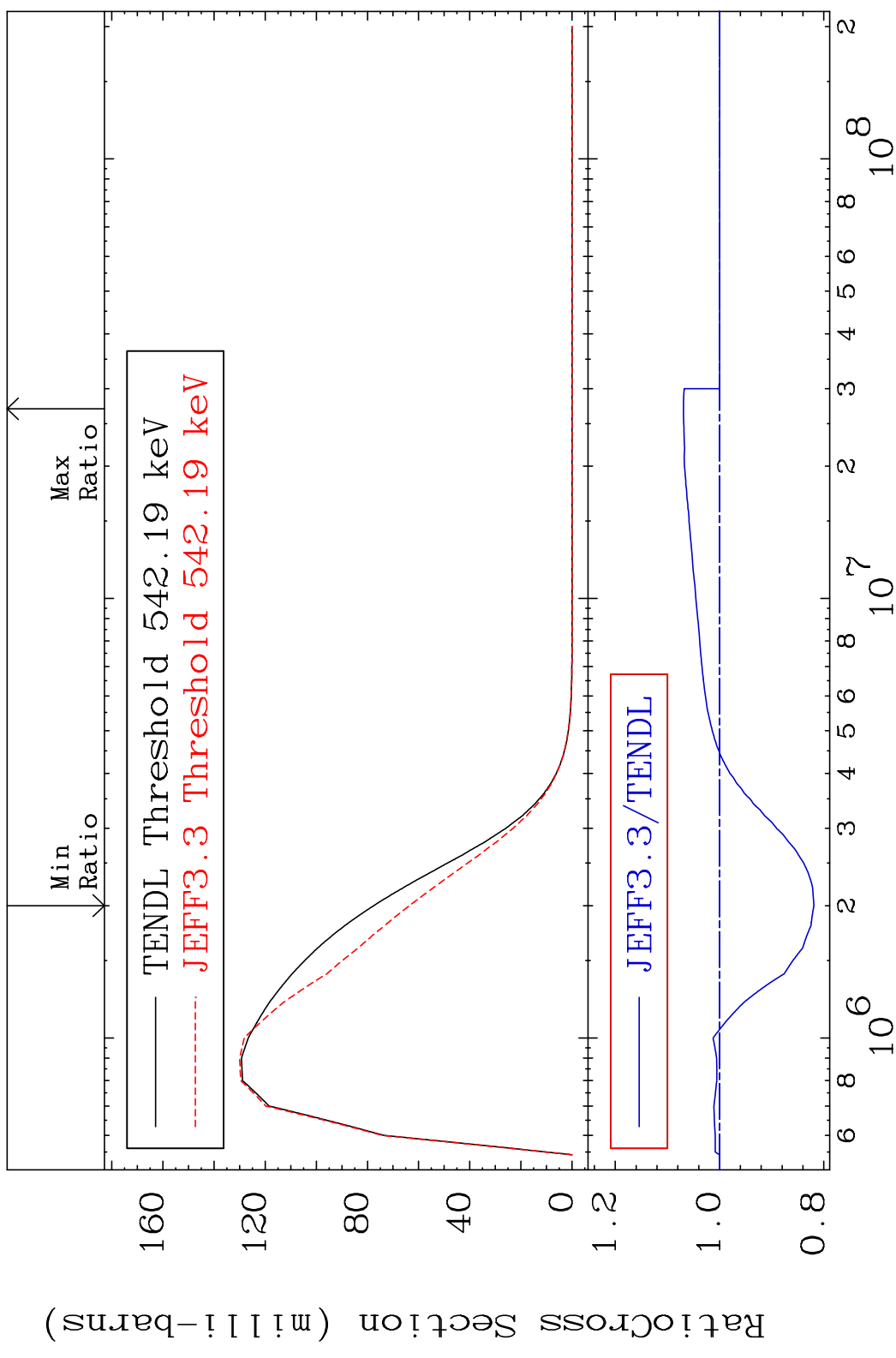
25 Incident Energy (eV) 52-Te-125

MAT 5240 MT= 57 (n, n') Level 52-Te-125
 Cross Section -19.23 To 6.917 %



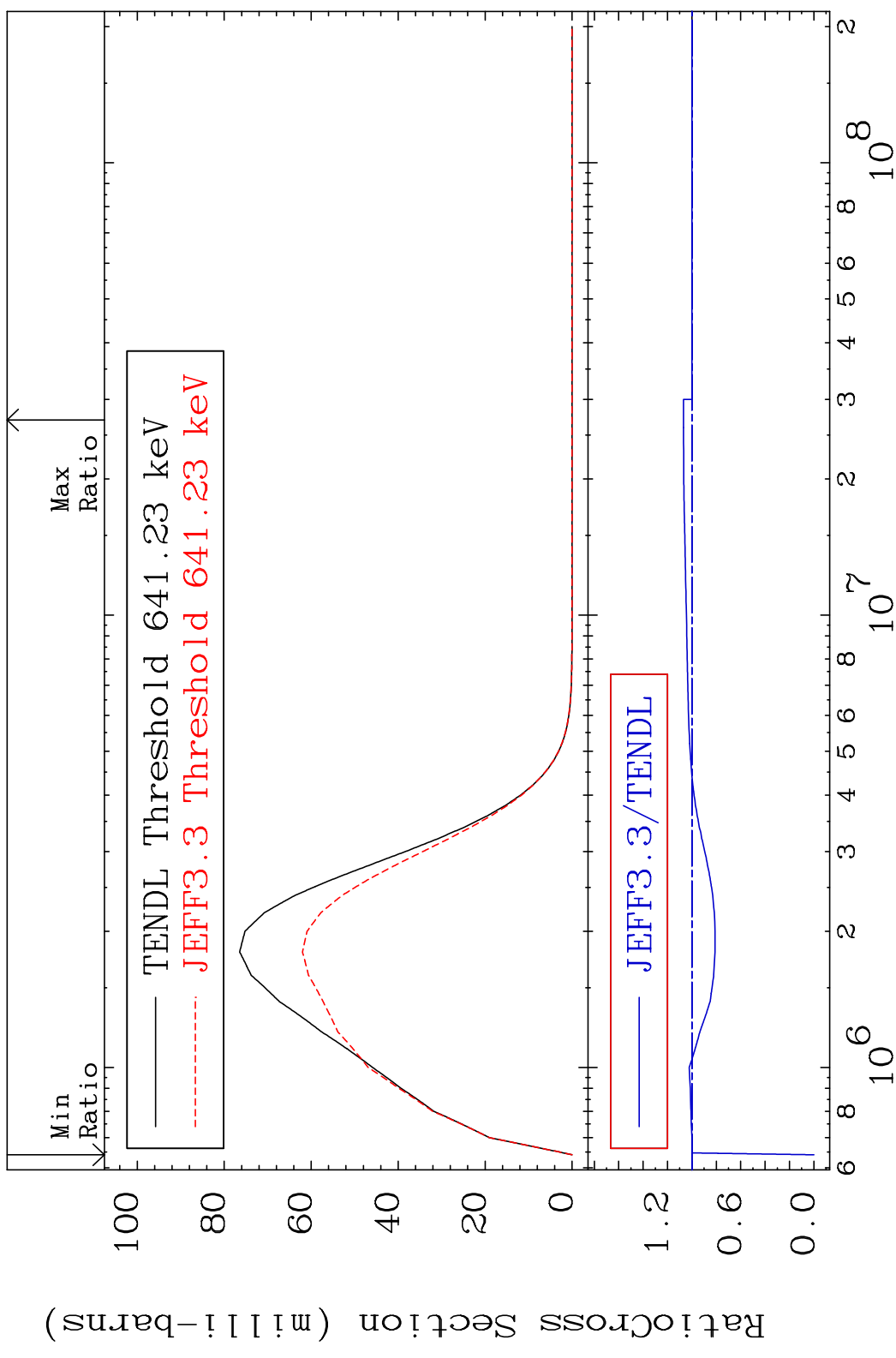
26 Incident Energy (eV) 52-Te-125

MAT 5240 MT= 58 (n, n') Level 52-Te-125
 Cross Section -18.10 To 6.922 %

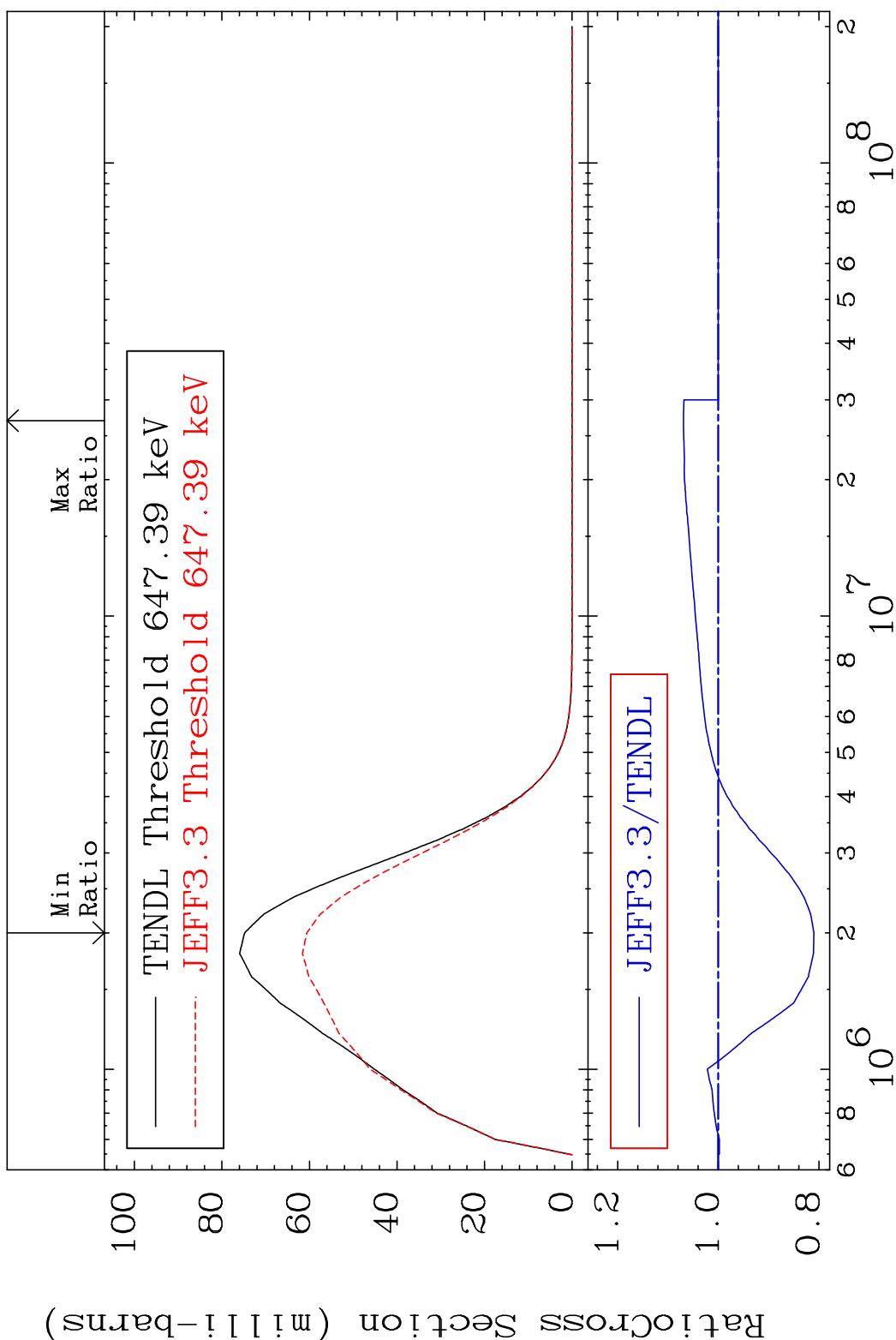


27 Incident Energy (eV) 52-Te-125

MAT 5240 MT= 59 (n, n') Level 52-Te-125
 Cross Section -100.0 To 6.916 %

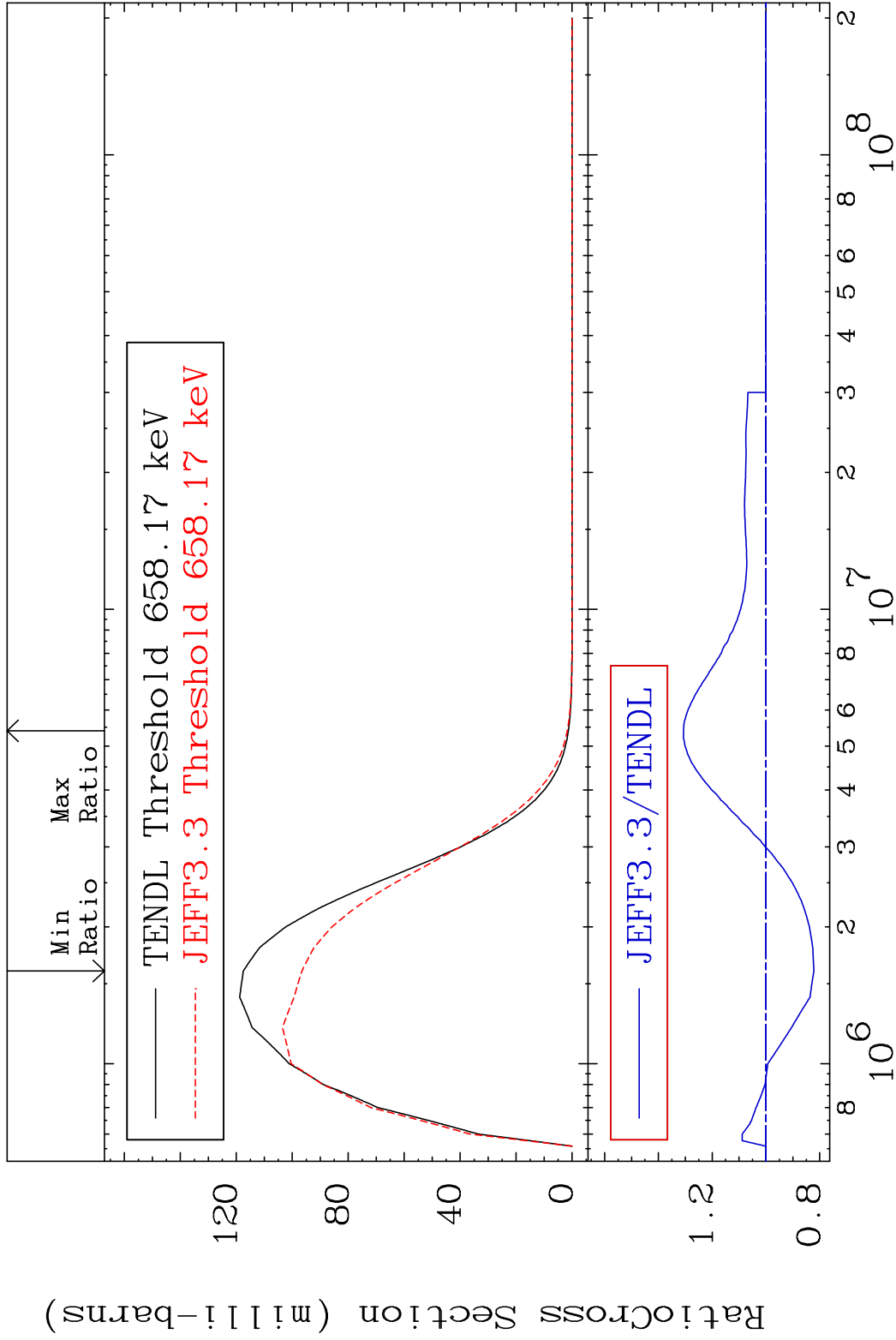


MAT 5240 MT= 60 (n, n') Level 52-Te-125
 Cross Section -19.00 To 6.916 %



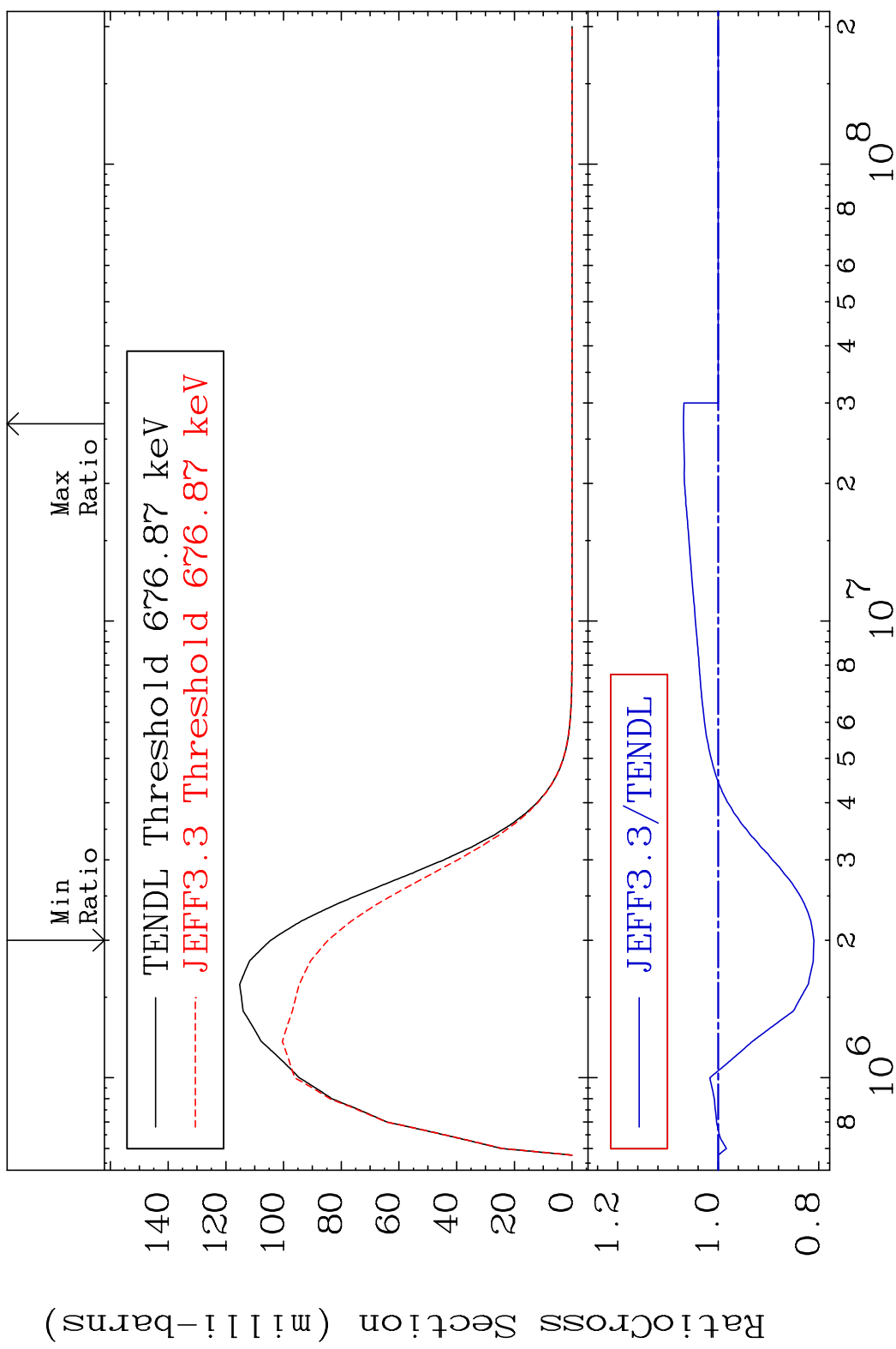
29 Incident Energy (eV) 52-Te-125

MAT 5240 MT= 61 (n, n') Level 52-Te-125
 Cross Section -17.82 To 30.69 %

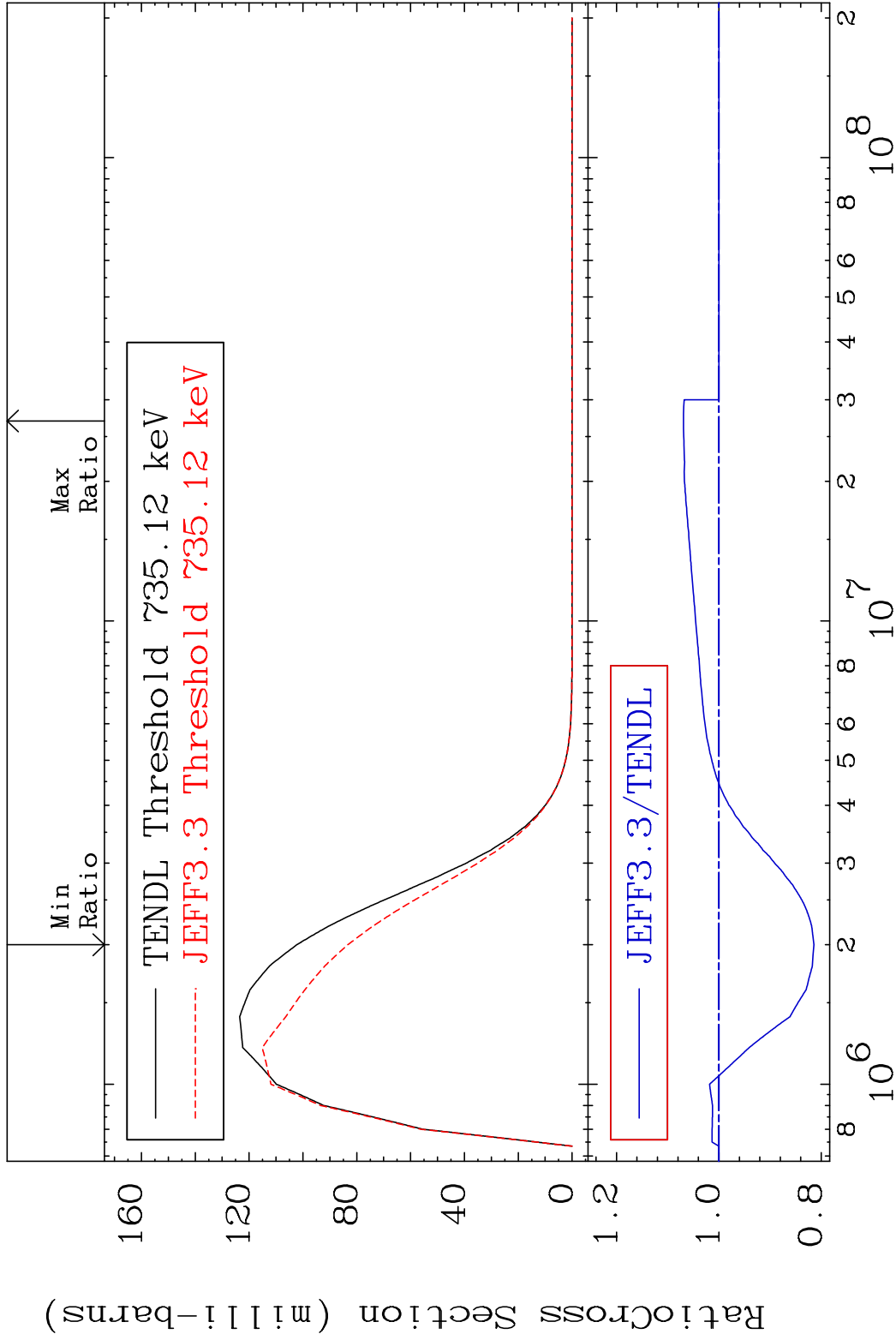


30 Incident Energy (eV) 52-Te-125

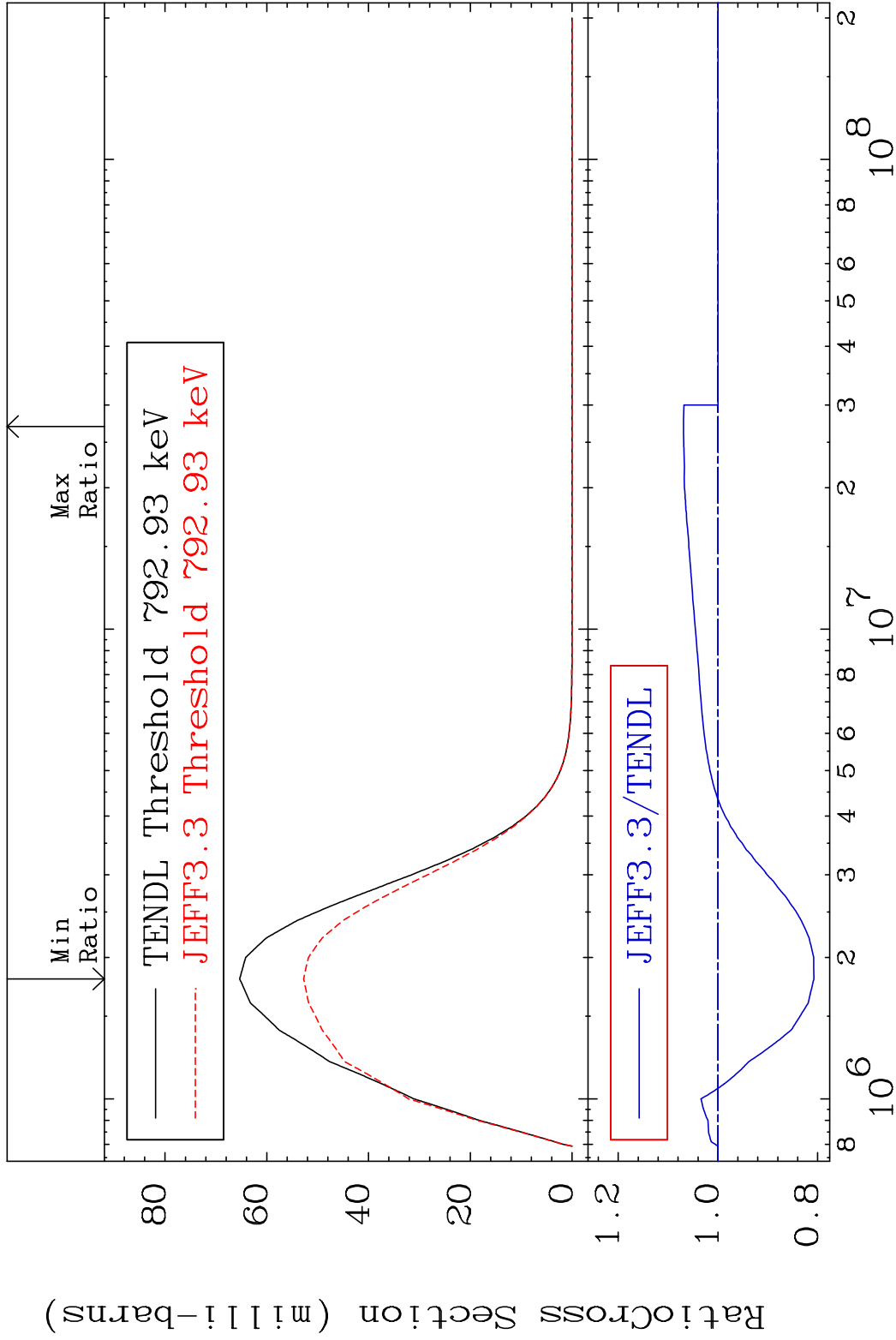
MAT 5240 MT= 62 (n, n') Level 52-Te-125
 Cross Section -19.04 To 6.920 %



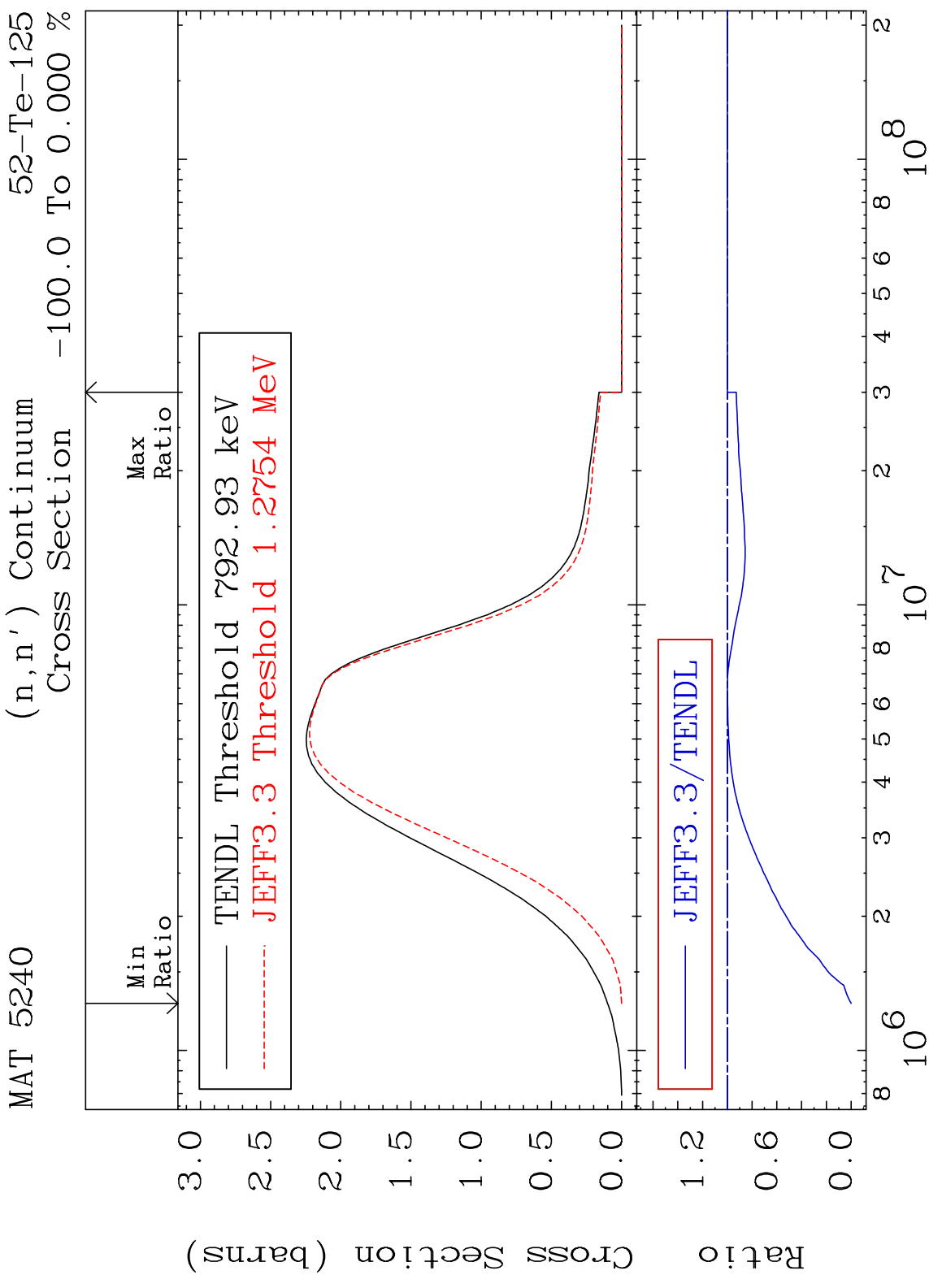
MAT 5240 MT= 63 (n, n') Level 52-Te-125
 Cross Section -18.56 To 6.922 %

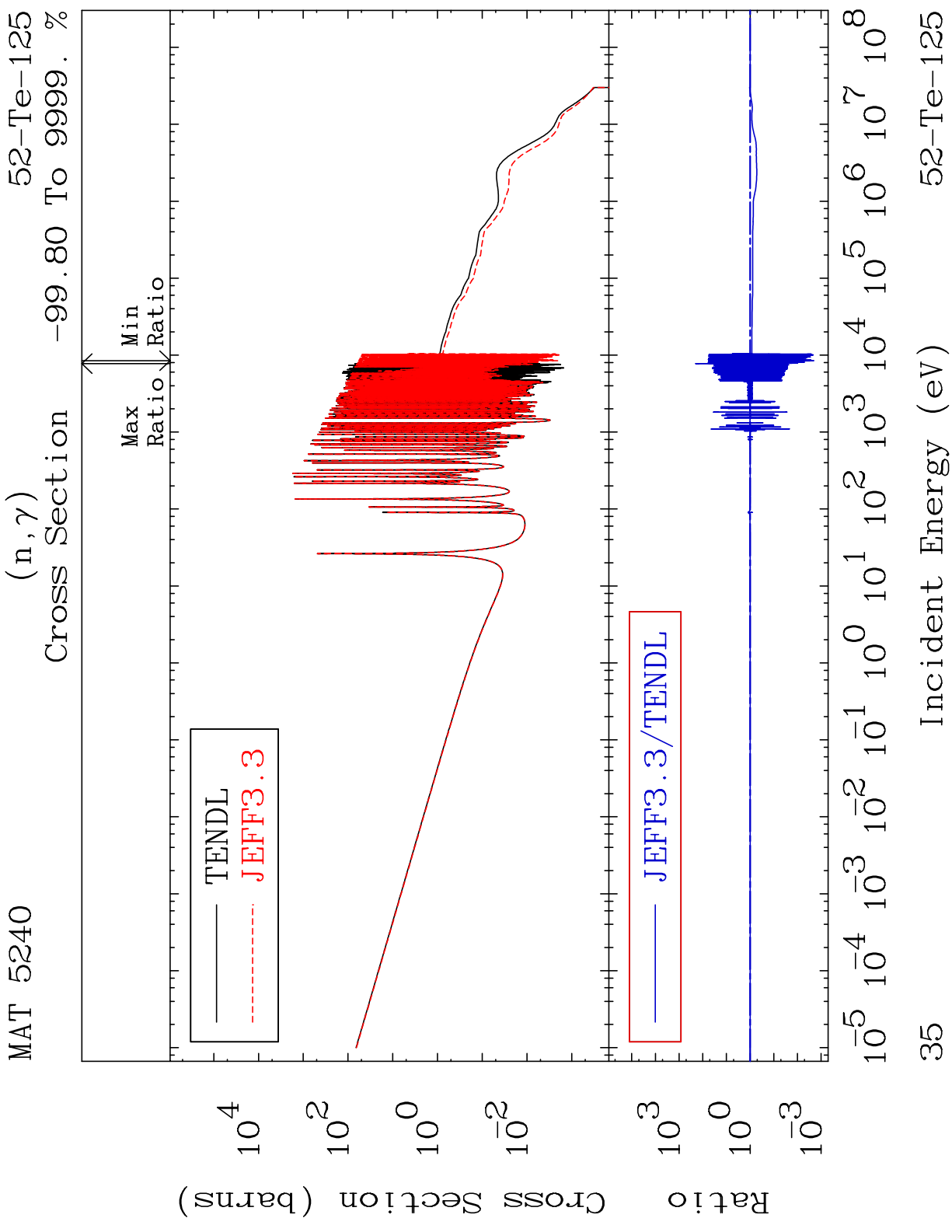


MAT 5240 MT= 64 (n, n') Level 52-Te-125
 Cross Section -19.24 To 6.917 %

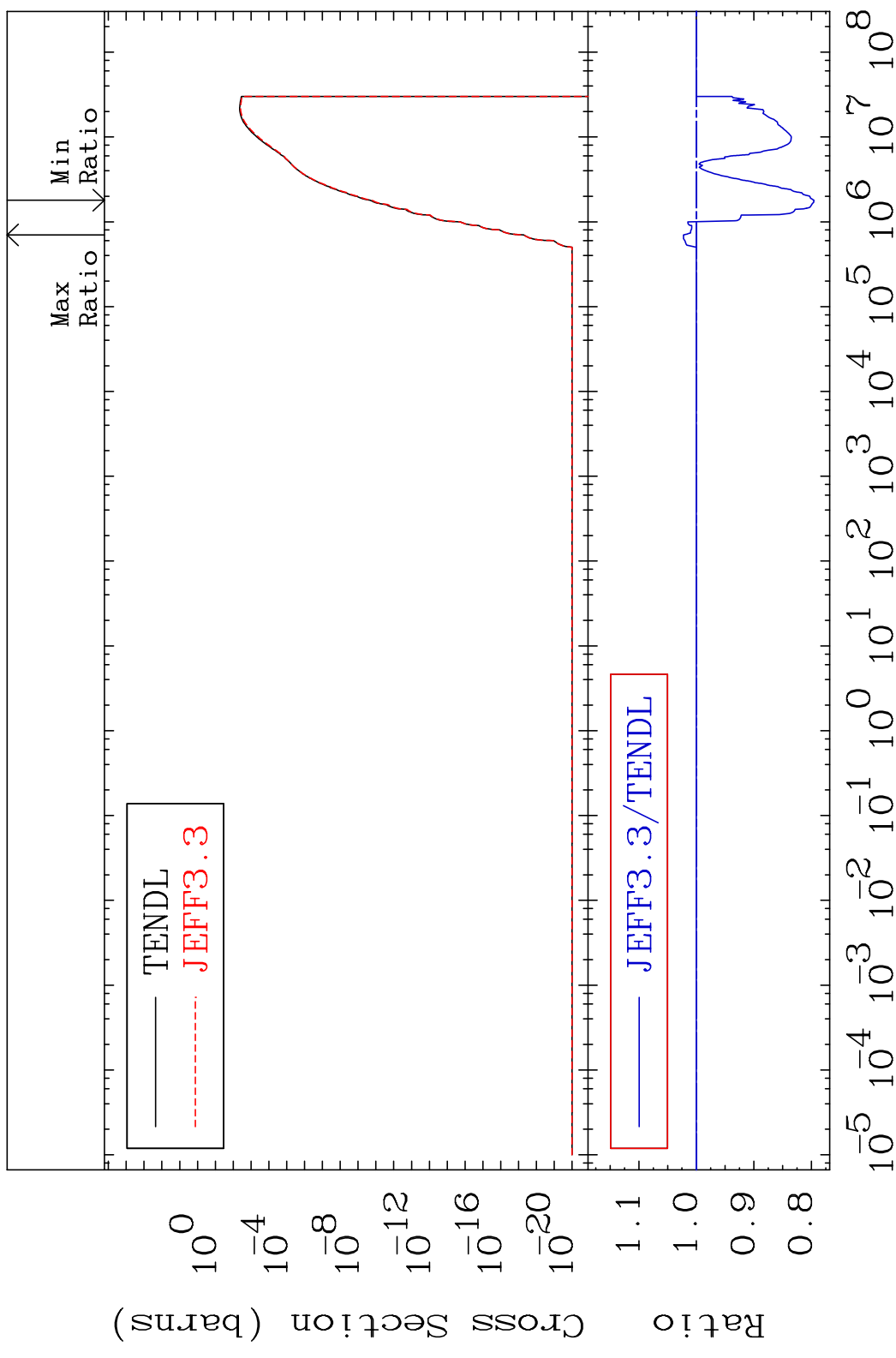


33 52-Te-125

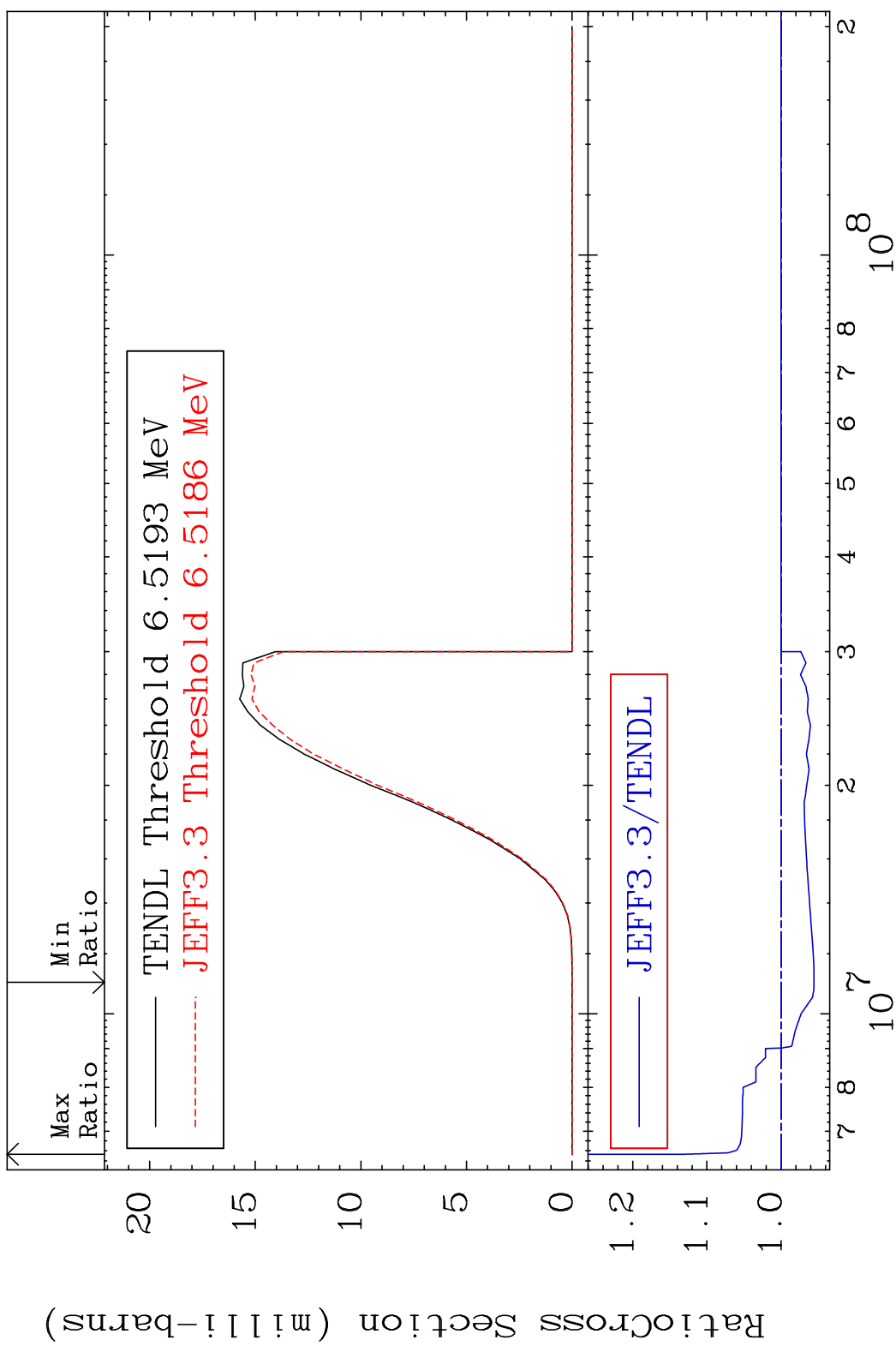




MAT 5240 (n, p) 52-Te-125
 Cross Section -20.44 To 2.245 %

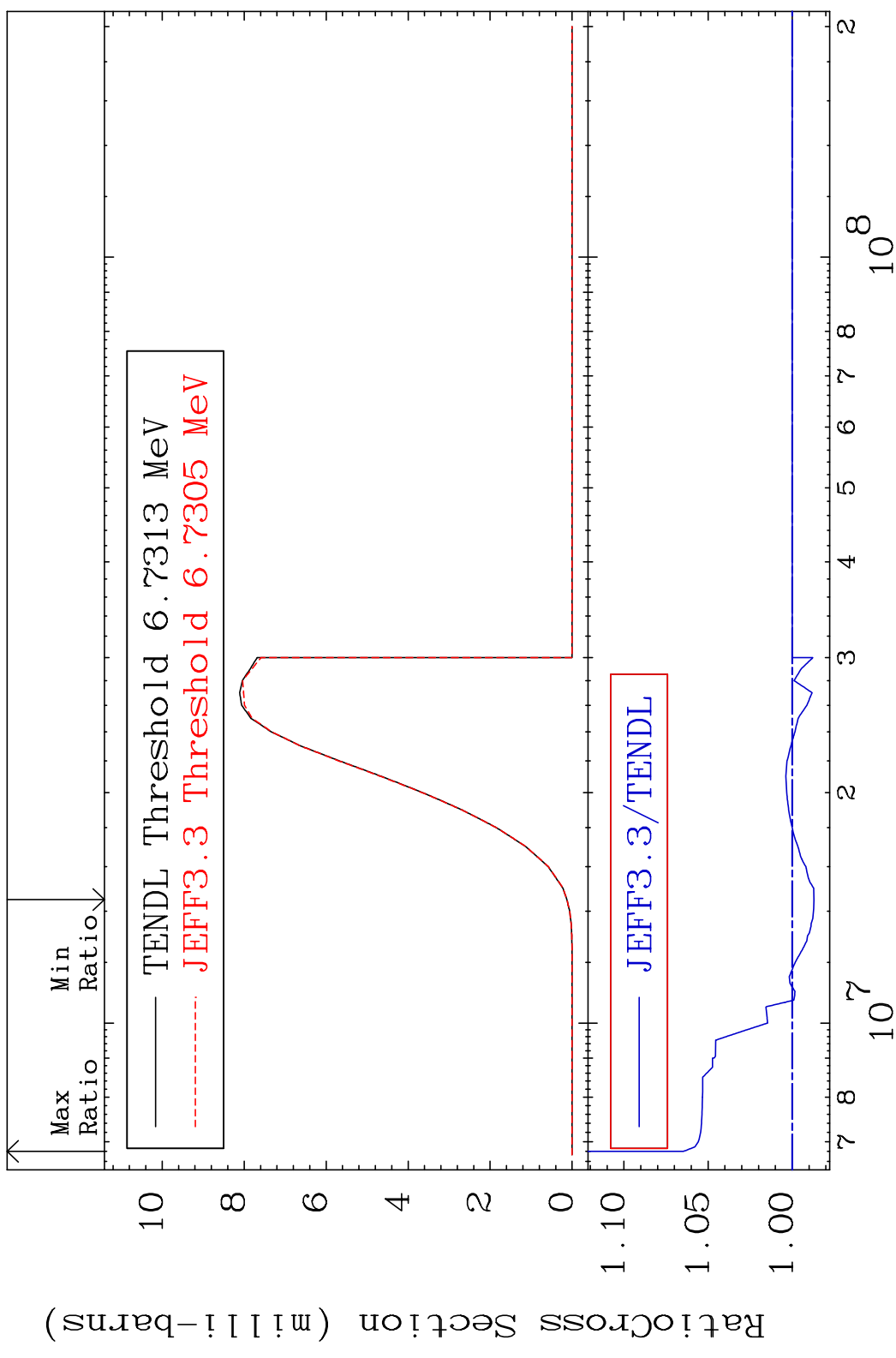


MAT 5240 (n, d) 52-Te-125
 Cross Section -4.436 To 13.16 %

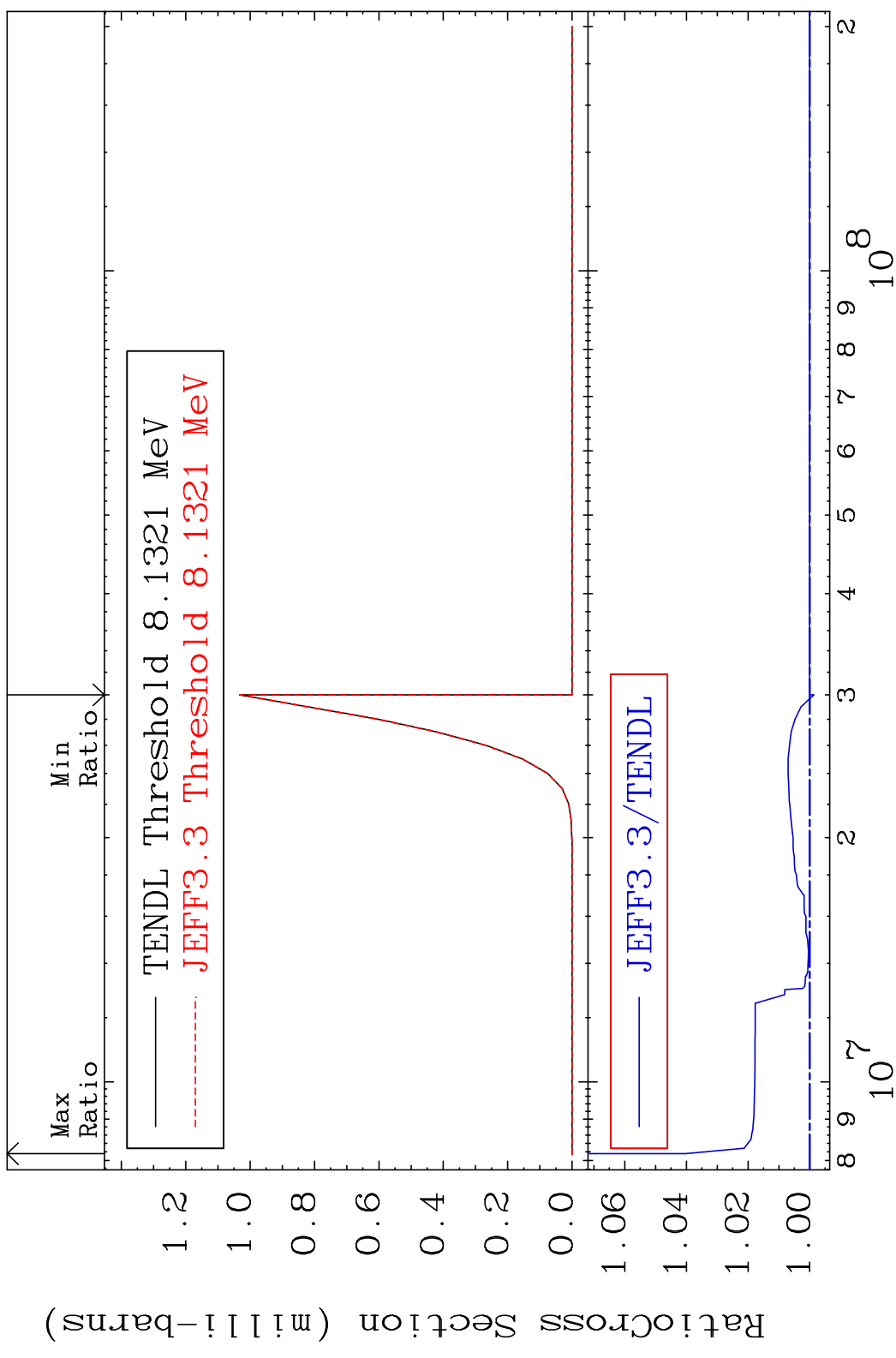


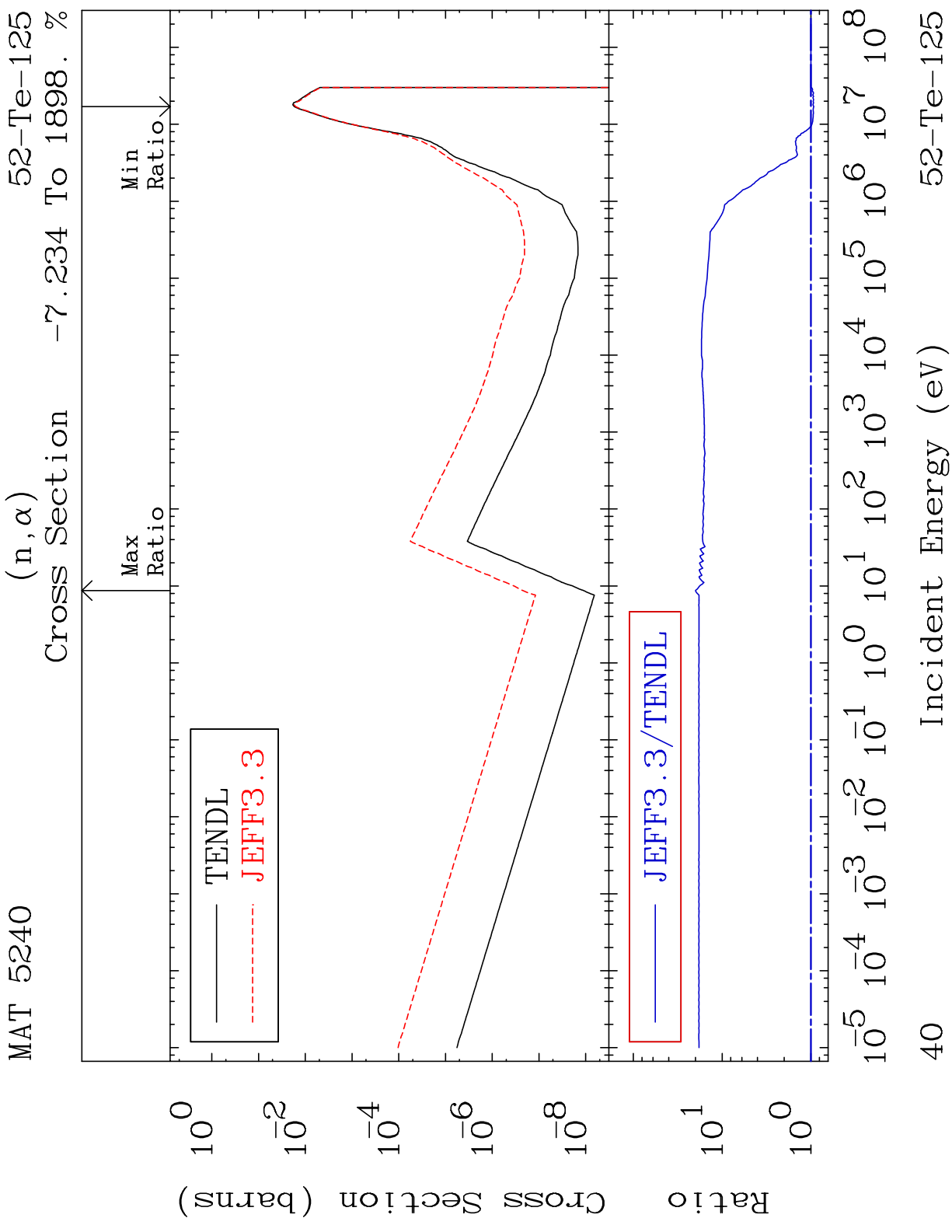
37 Incident Energy (eV) 52-Te-125

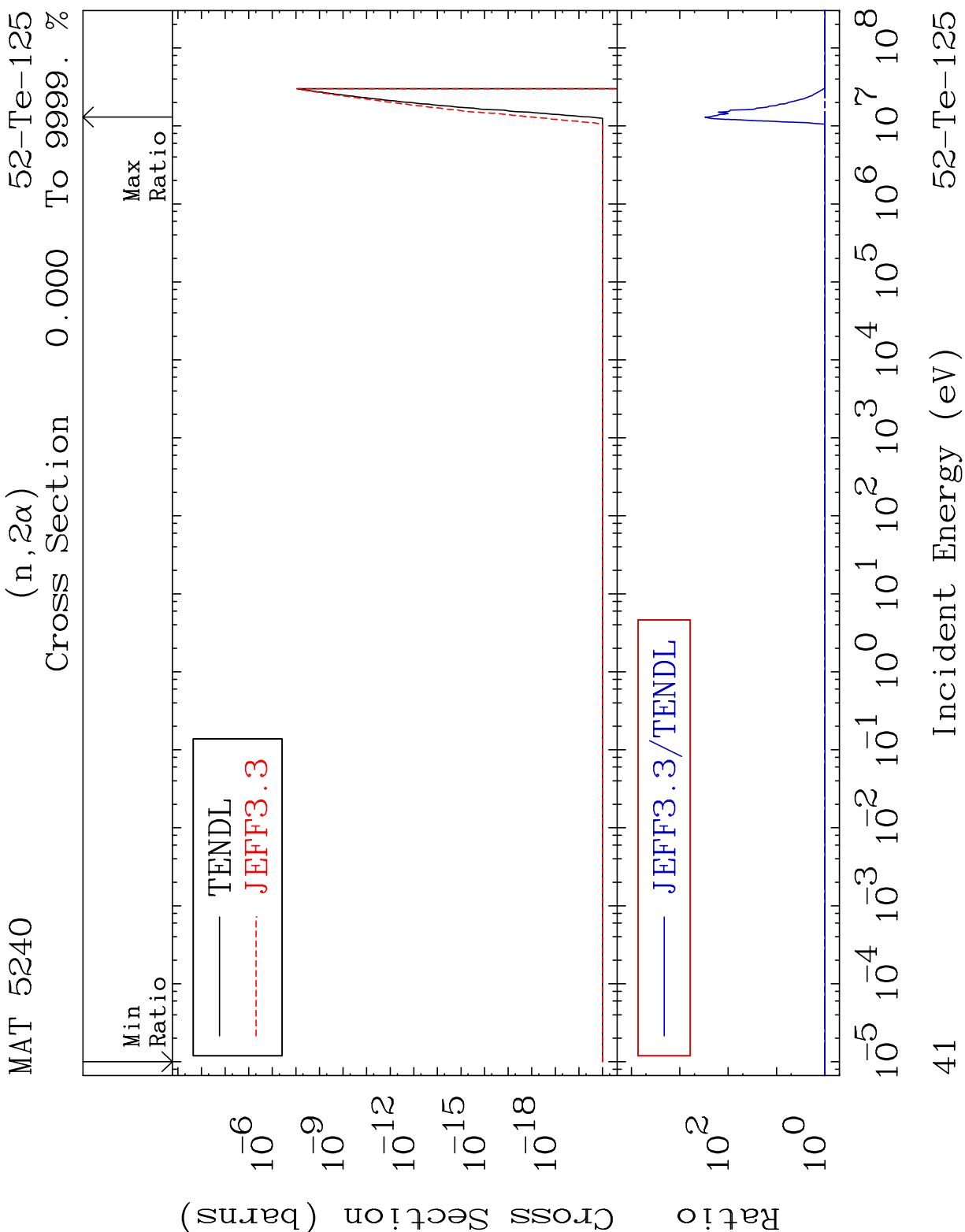
MAT 5240 (n, t) 52-Te-125
 Cross Section -1.288 To 6.462 %

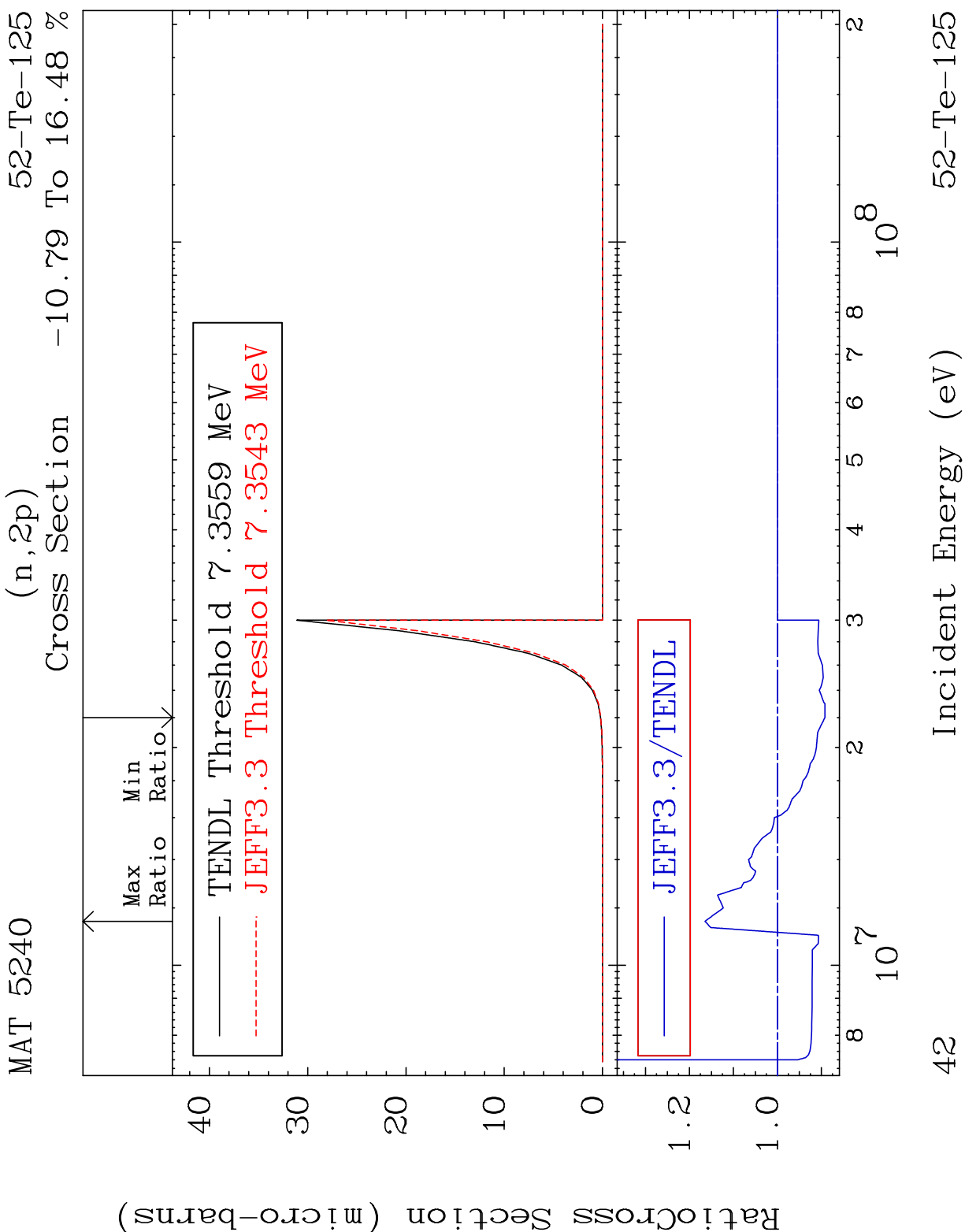


MAT 5240 (n, He-3) 52-Te-125
 Cross Section -0.136 To 4.096 %

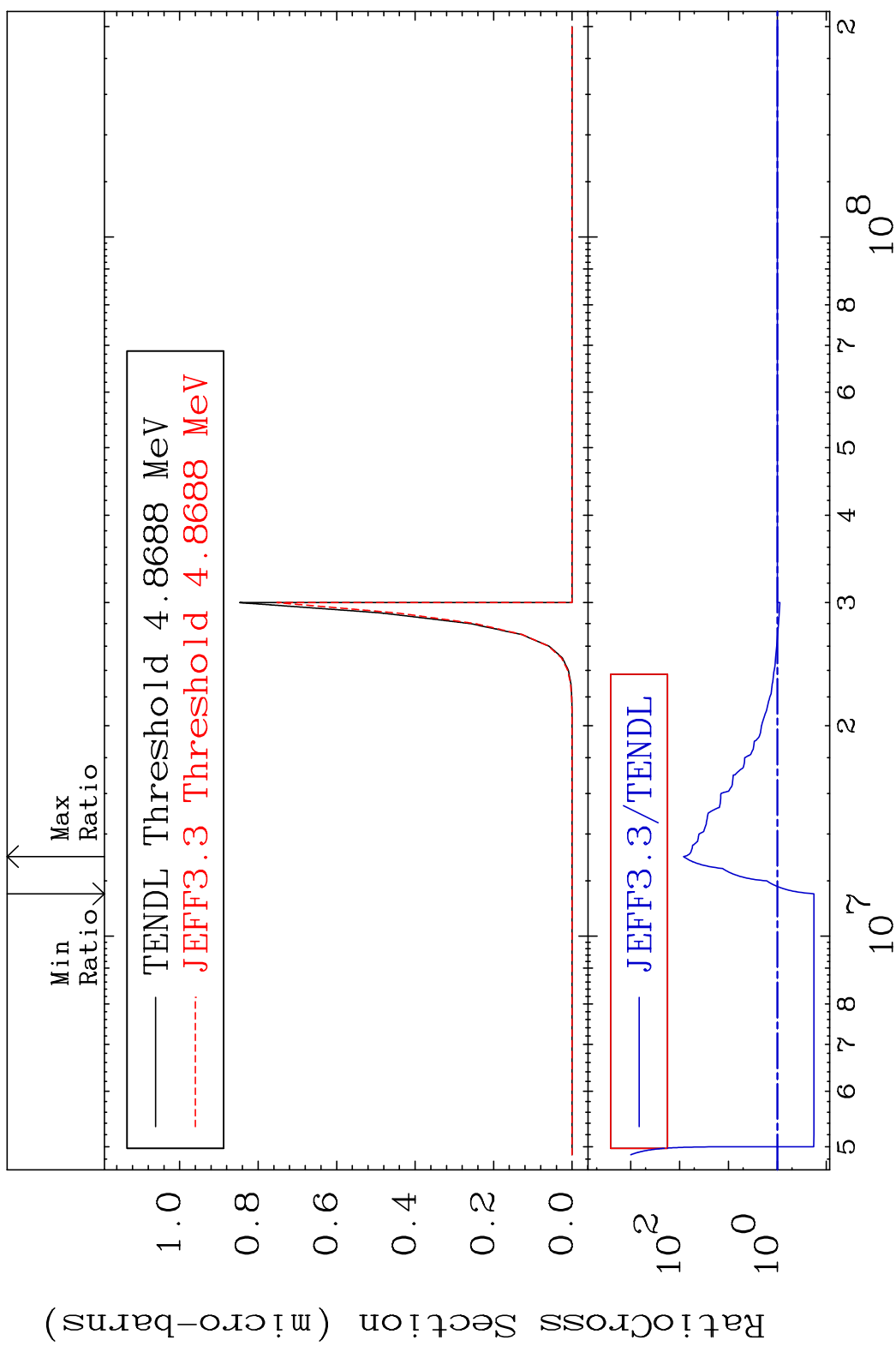






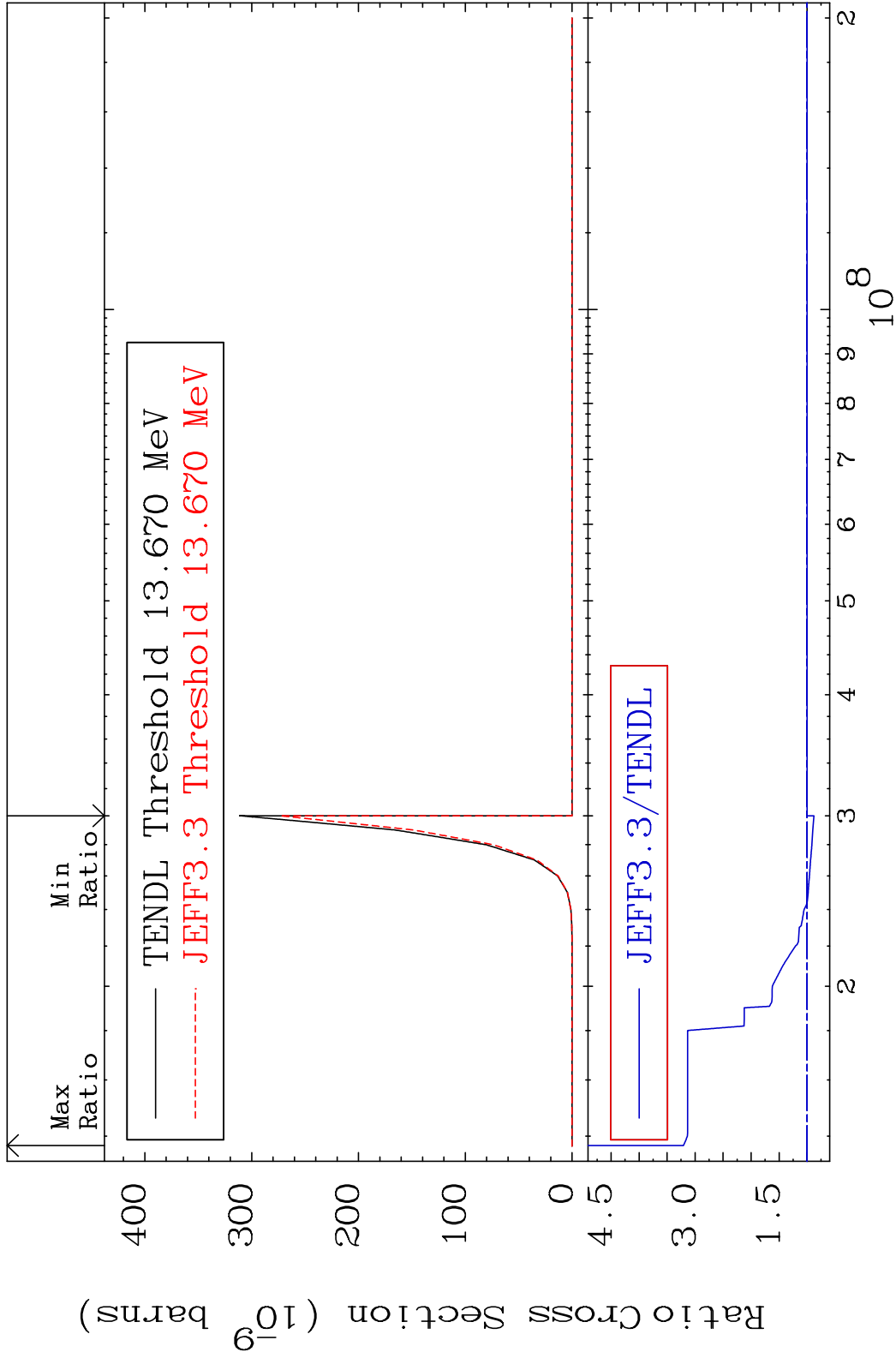


MAT 5240 (n,p) α 52-Te-125
 Cross Section -82.10 To 8249. %

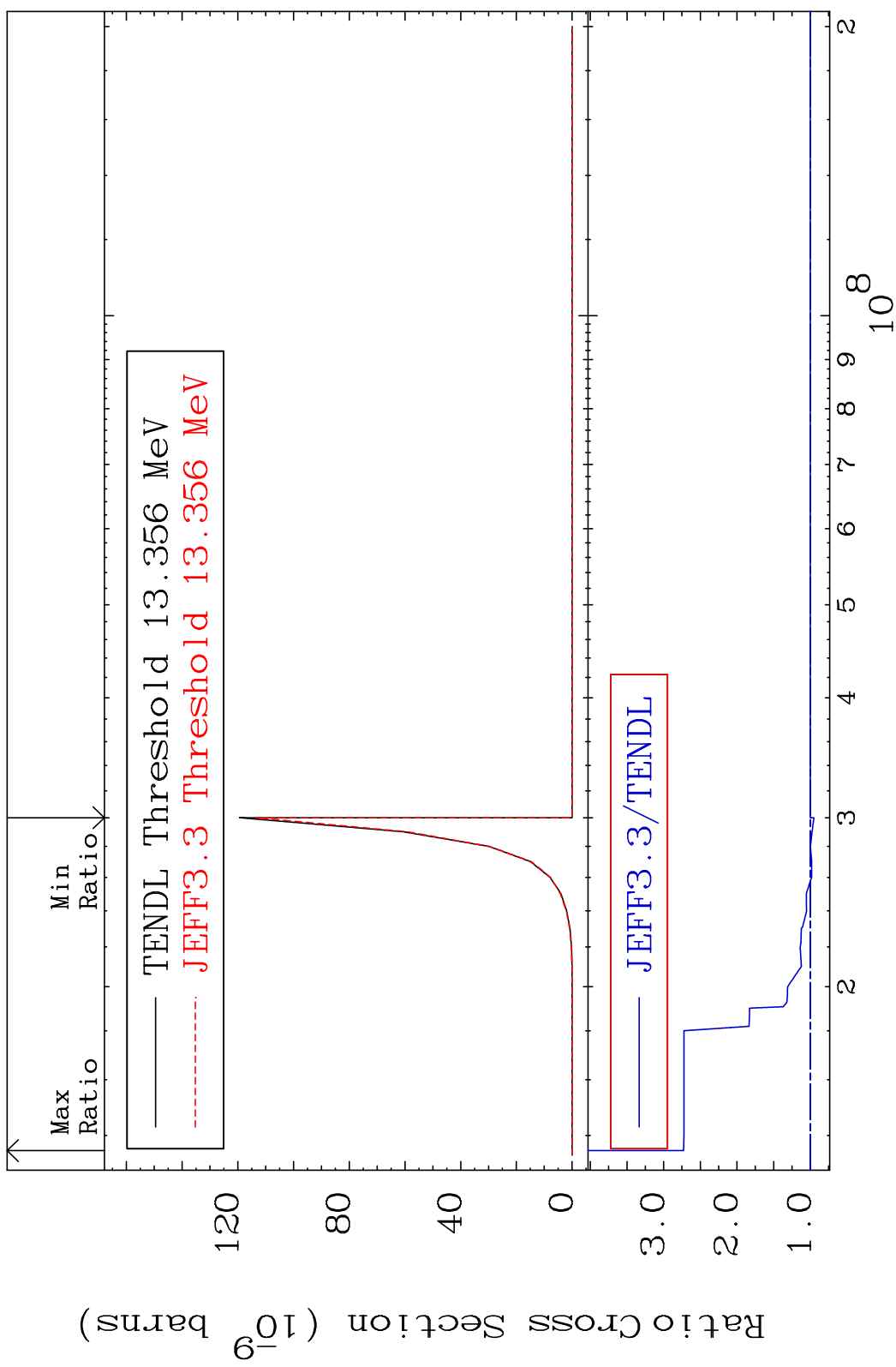


43 52-Te-125

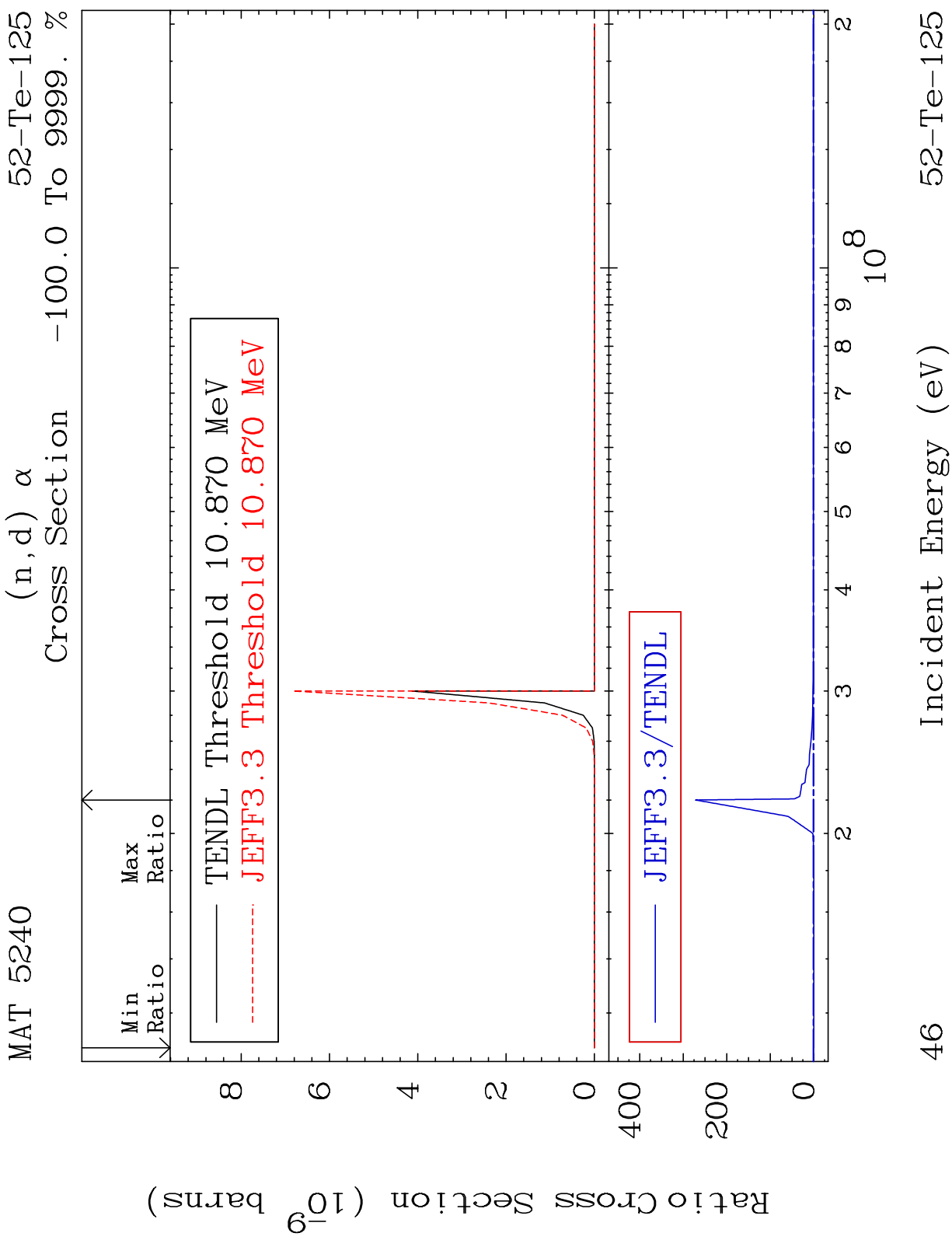
MAT 5240 (n,p) d 52-Te-125
 Cross Section -12.10 To 220.7 %



MAT 5240 (n,p) t 52-Te-125
 Cross Section -4.881 To 173.0 %



45 52-Te-125

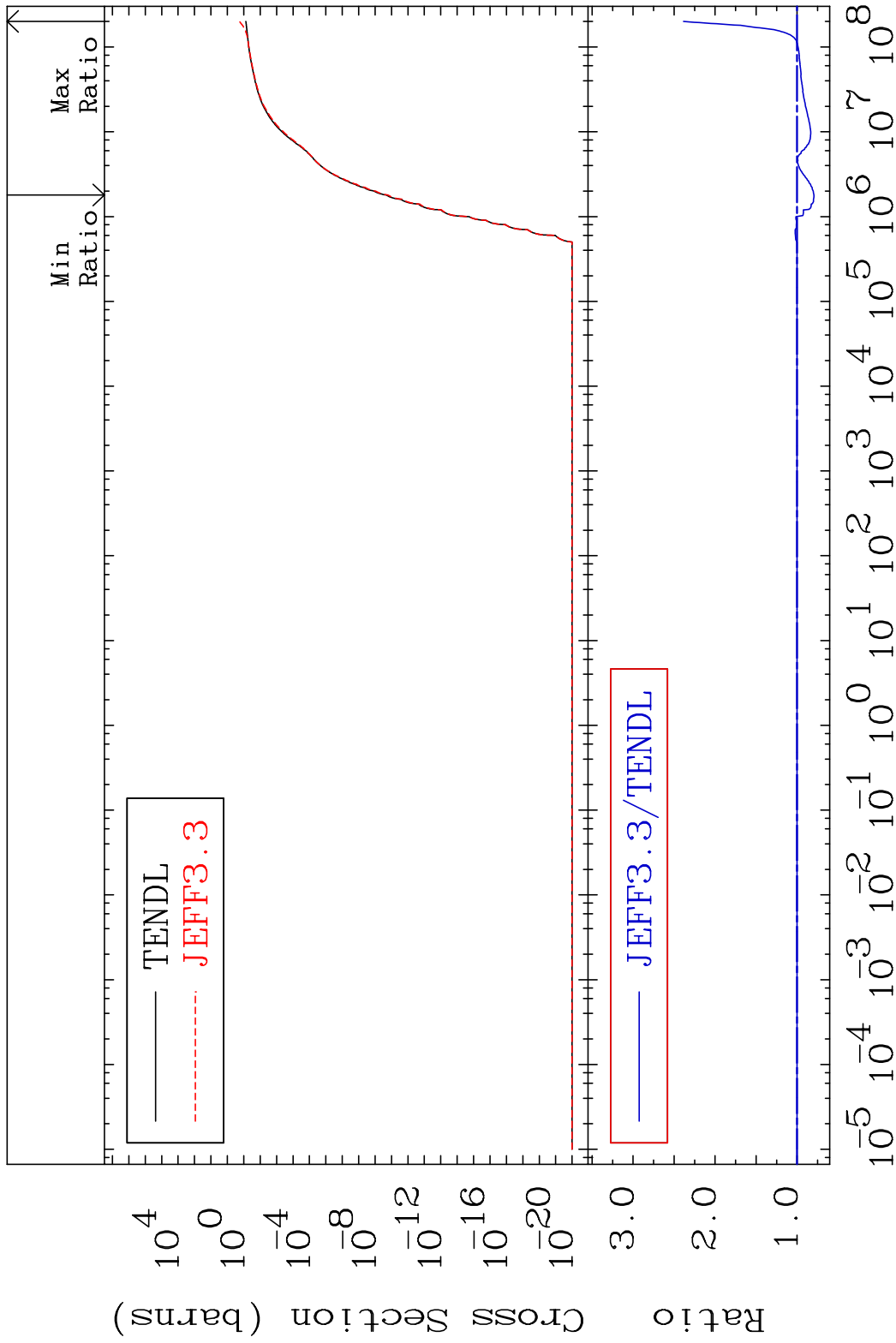


MAT 5240

Hydrogen Production

52-Te-125

Cross Section -20.44 To 138.6 %

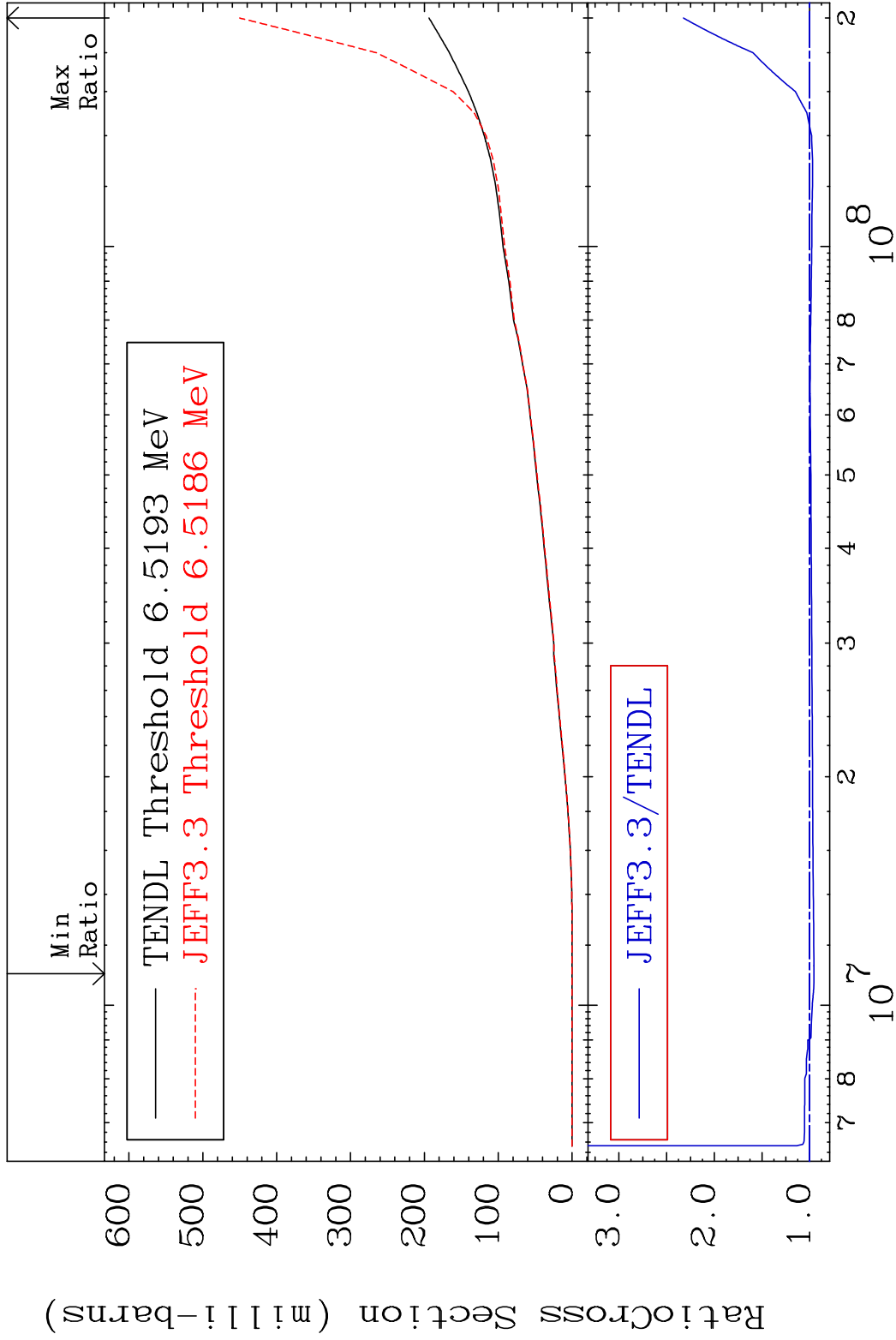


47

Incident Energy (eV)

52-Te-125

MAT 5240 Deuterium Production 52-Te-125
 Cross Section -4.436 To 132.4 %



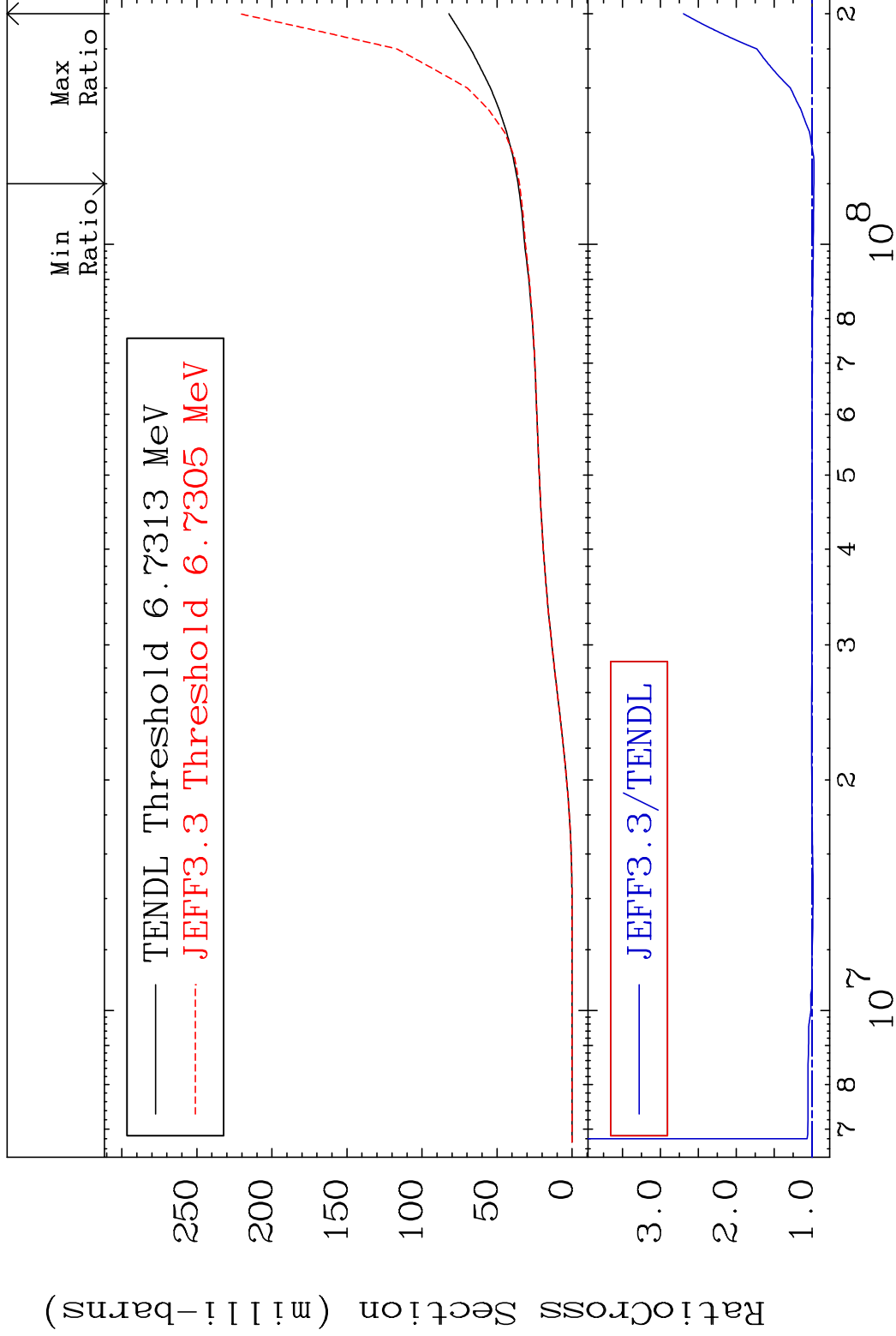
48 52-Te-125

MAT 5240

Tritium Production

52-Te-125

Cross Section -2.446 To 169.6 %

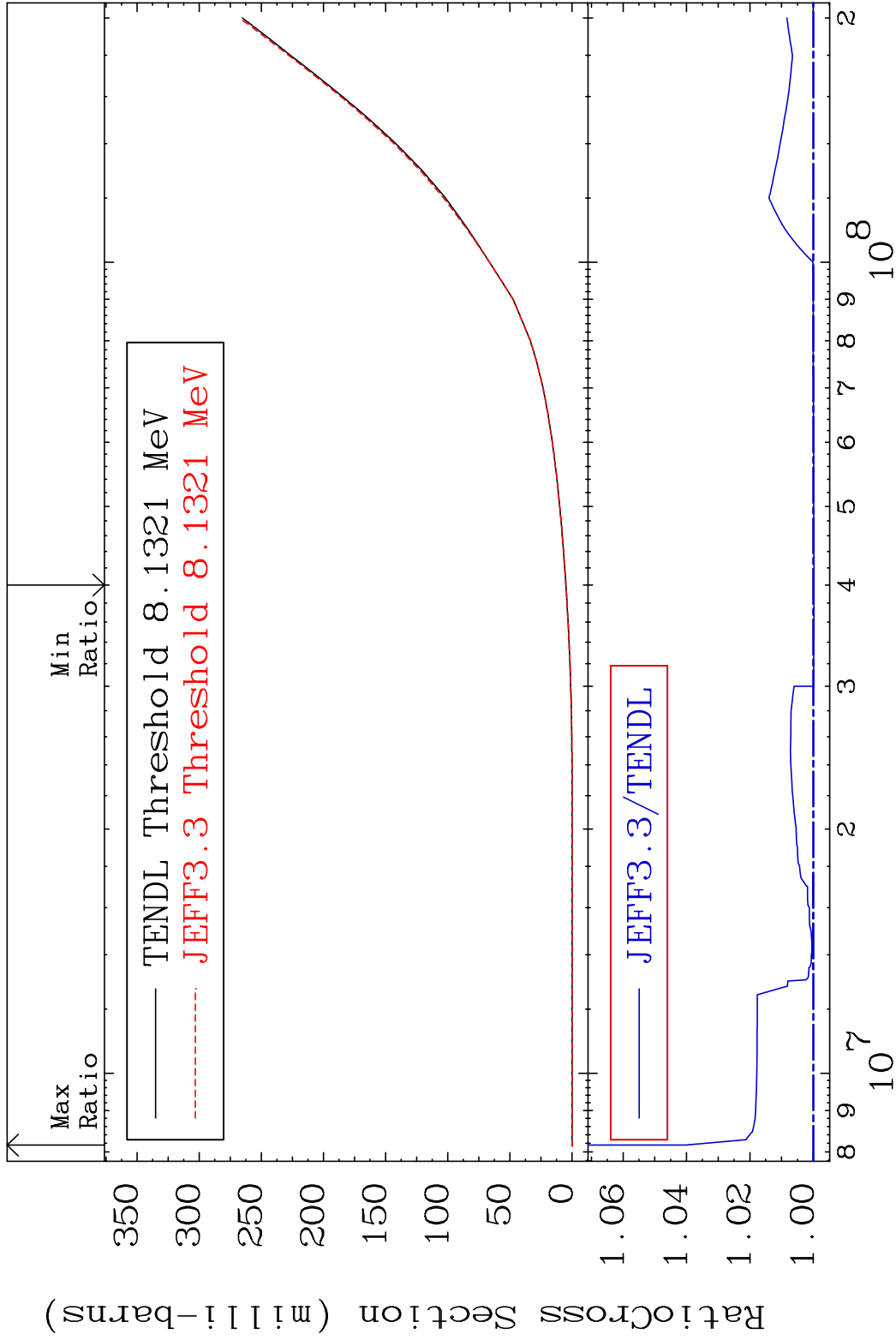


49

Incident Energy (eV)

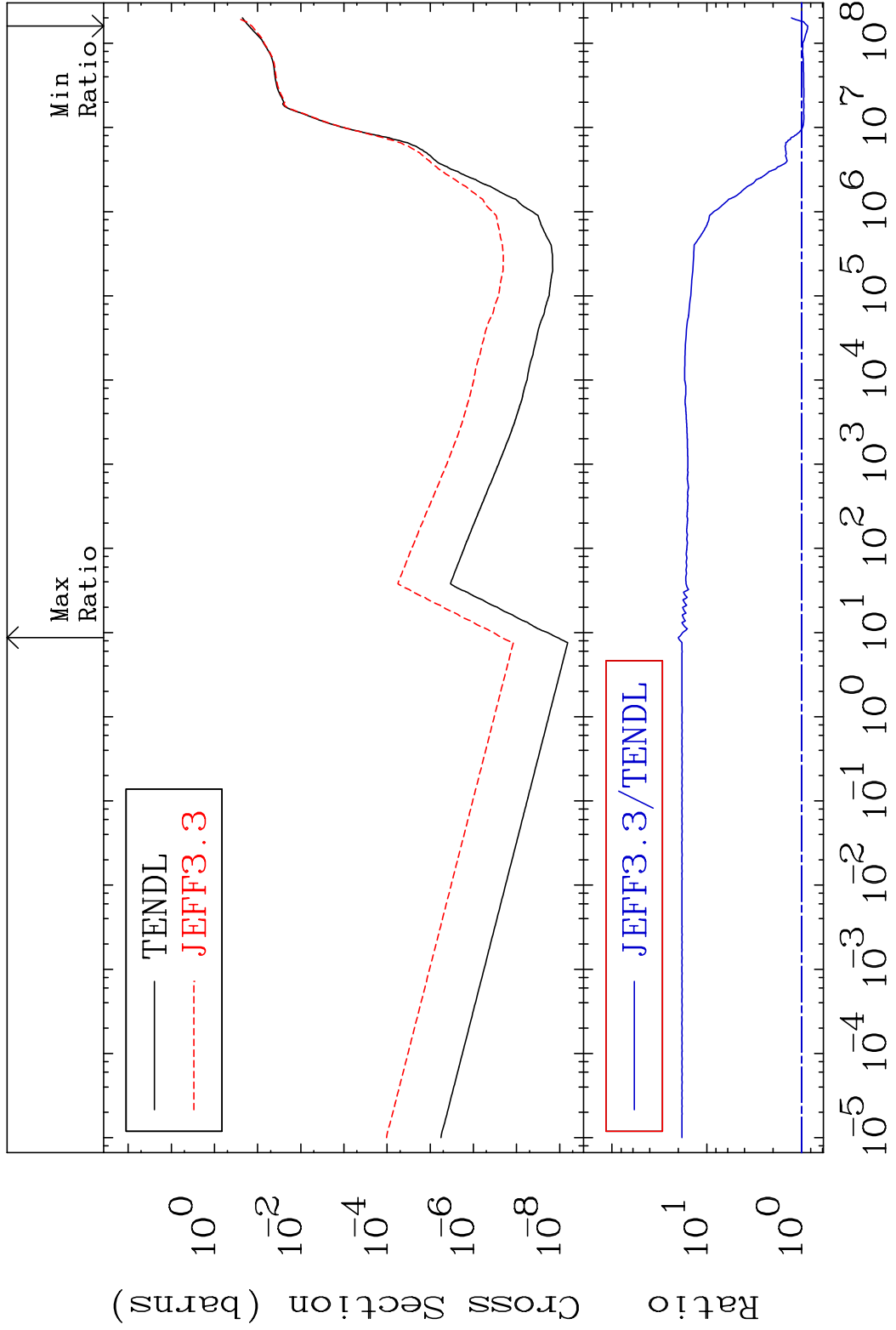
52-Te-125

MAT 5240 He-3 Production 52-Te-125
 Cross Section -0.019 To 4.096 %



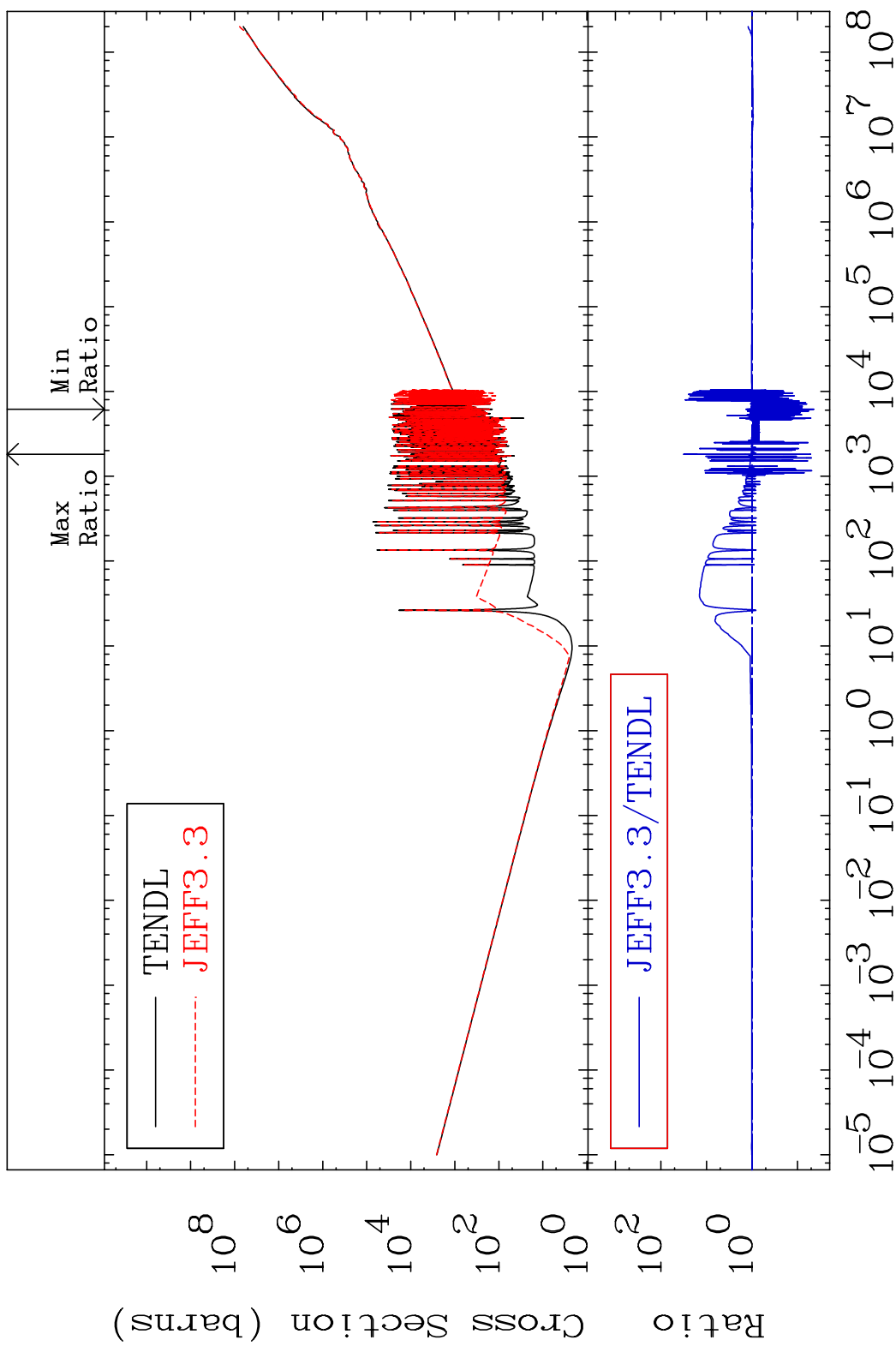
50 Incident Energy (eV) 52-Te-125

MAT 5240 He-4 Production 52-Te-125
 Cross Section -13.89 To 1898. %



51 Incident Energy (eV) 52-Te-125

MAT 5240 Kerma total (eV-barns) 52-Te-125
Cross Section -95.63 To 3102. %

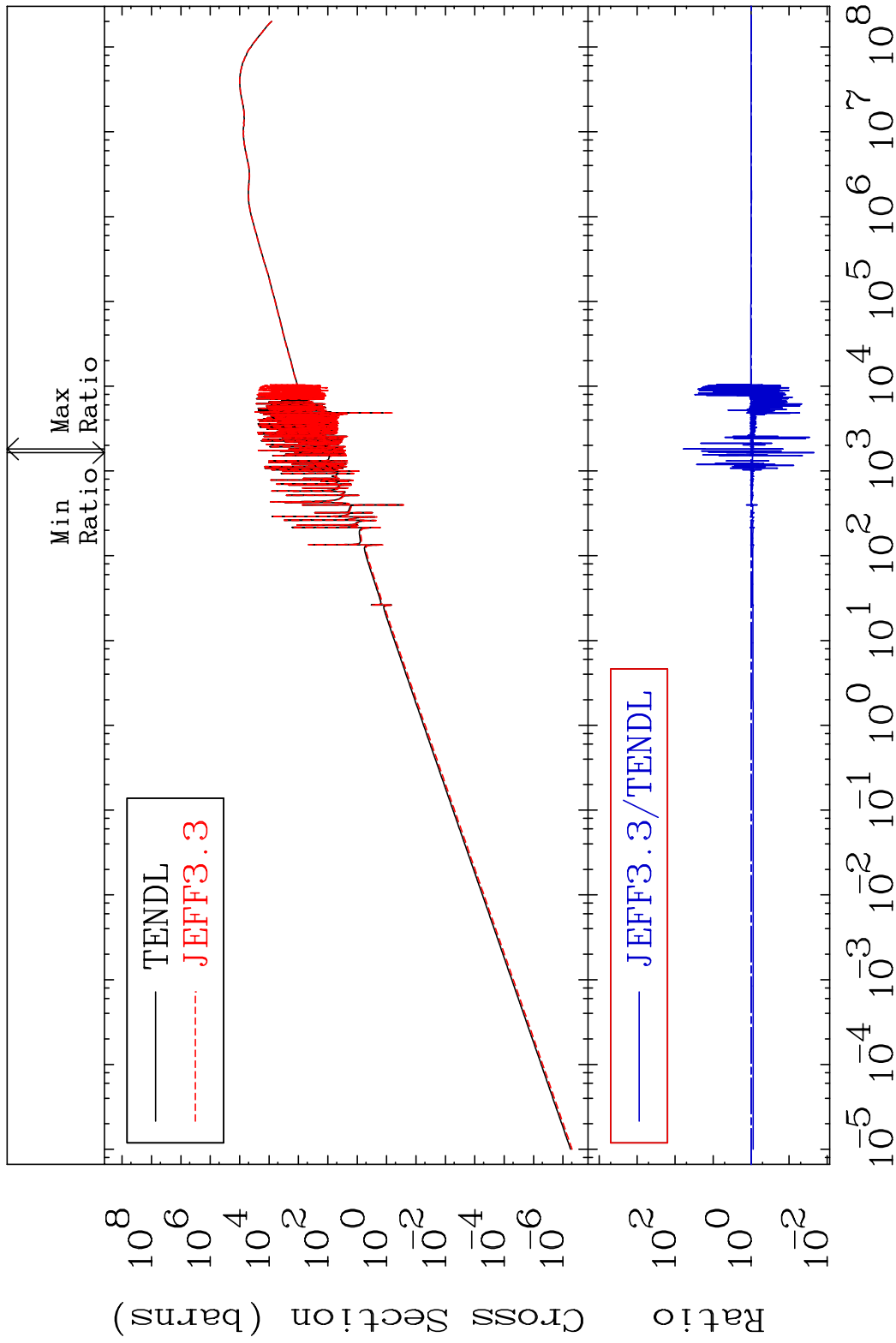


52 Incident Energy (eV) 52-Te-125

MAT 5240

Kerma elastic
Cross Section

52-Te-125
-97.77 To 5939. %

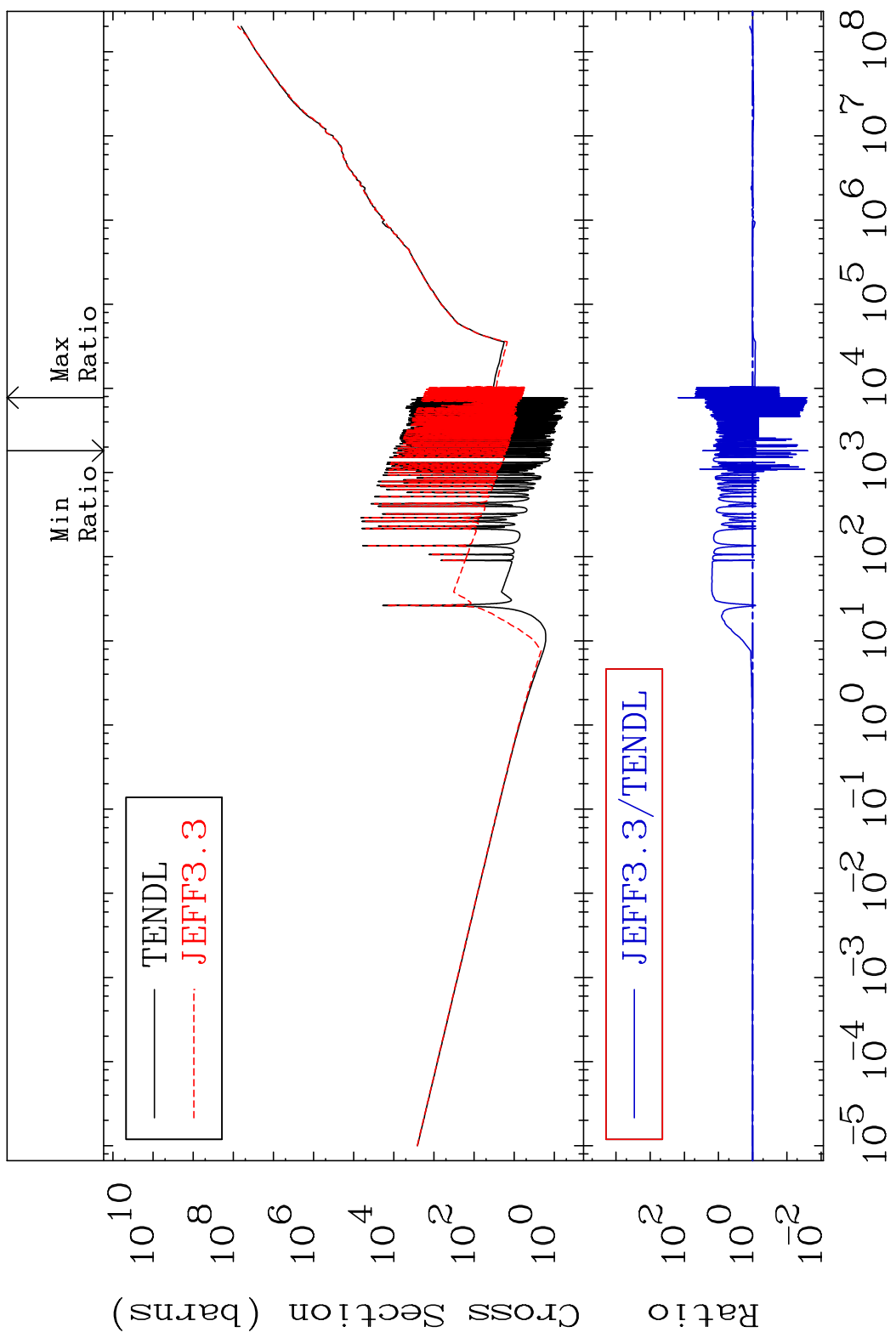


53

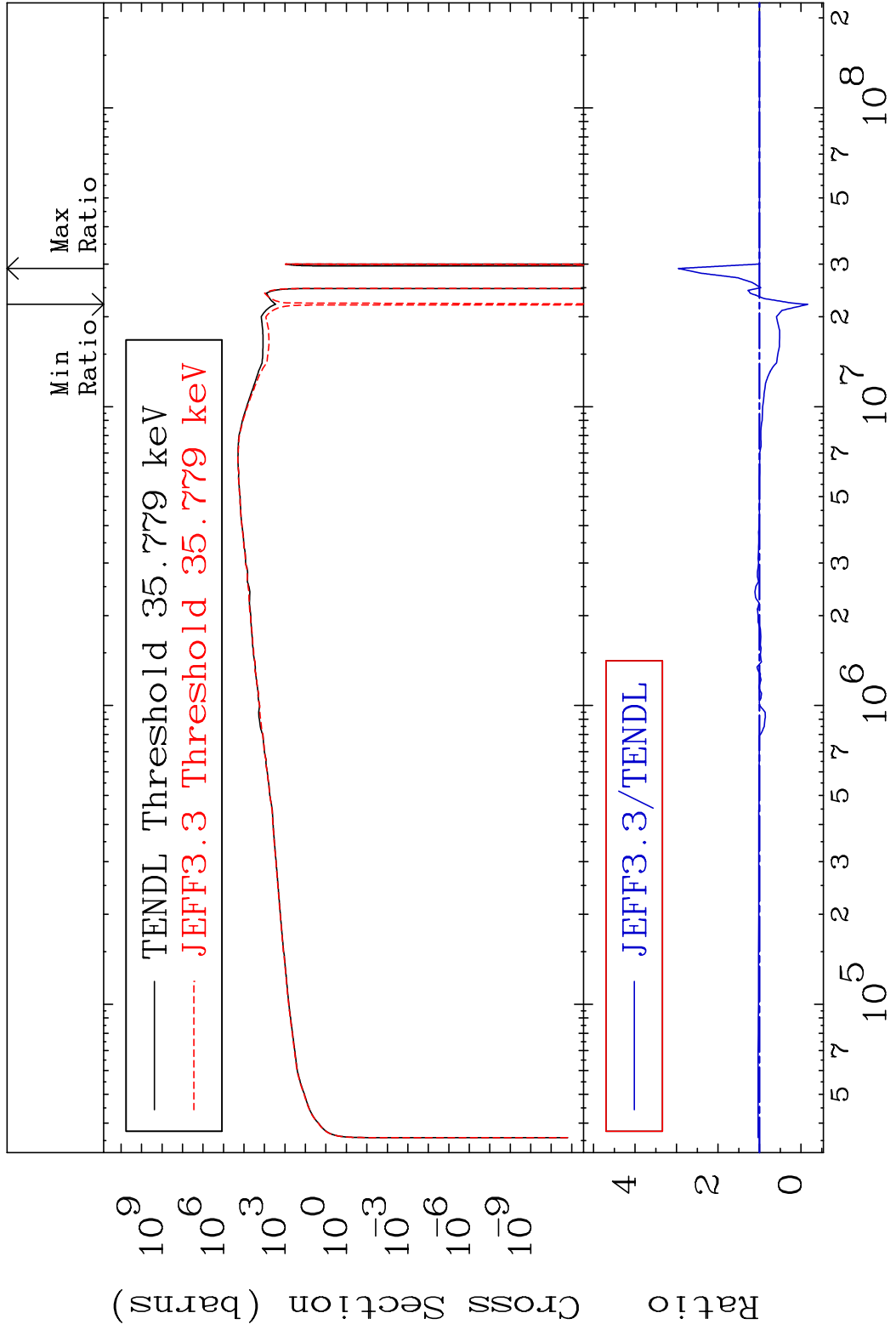
Incident Energy (eV)

52-Te-125

MAT 5240 Kerma non-elastic (all but mt2) 52-Te-125
 Cross Section -97.54 To 9999. %

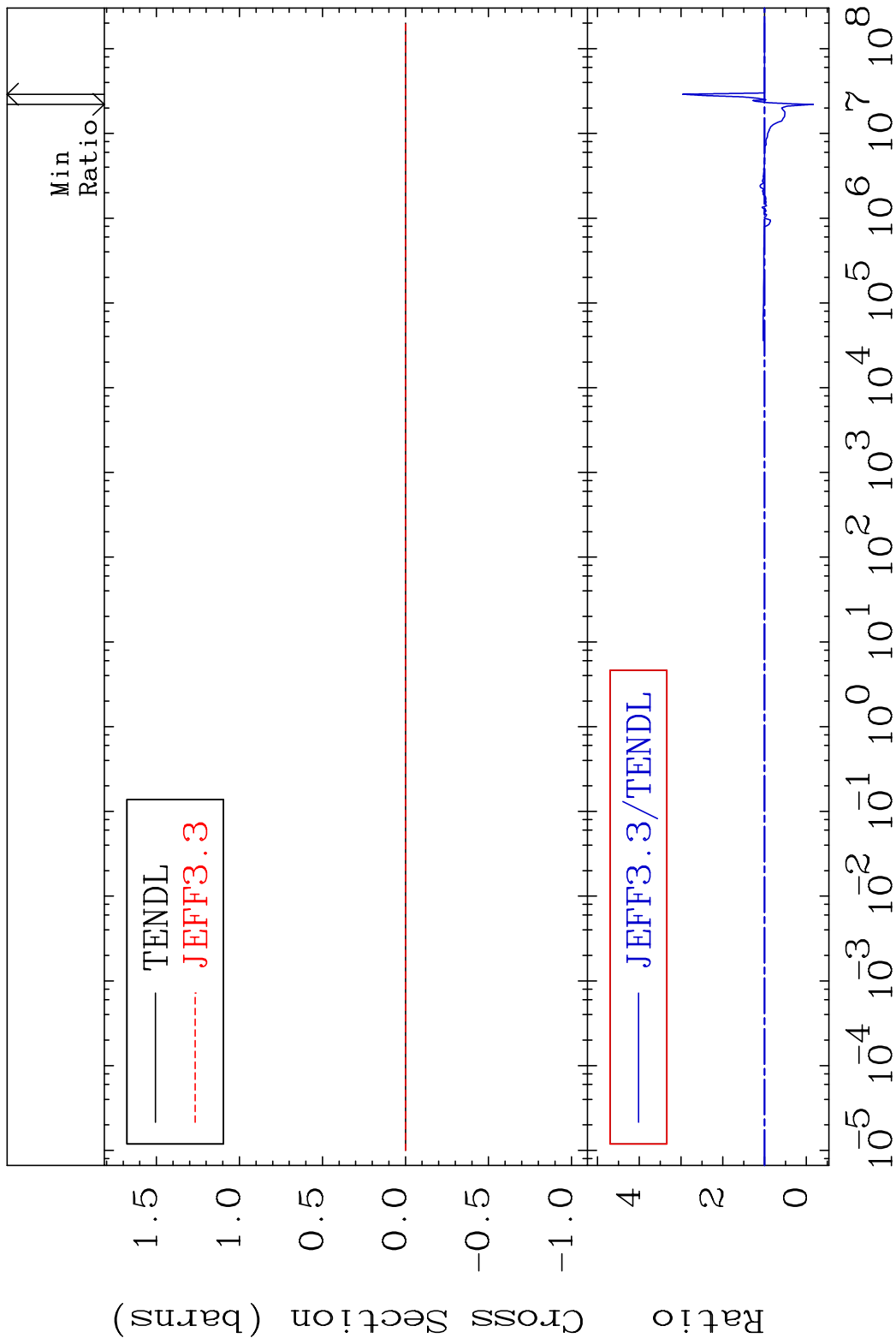


MAT 5240 Kerma inelastic (mt51-91) 52-Te-125
 Cross Section -116.0 To 195.8 %

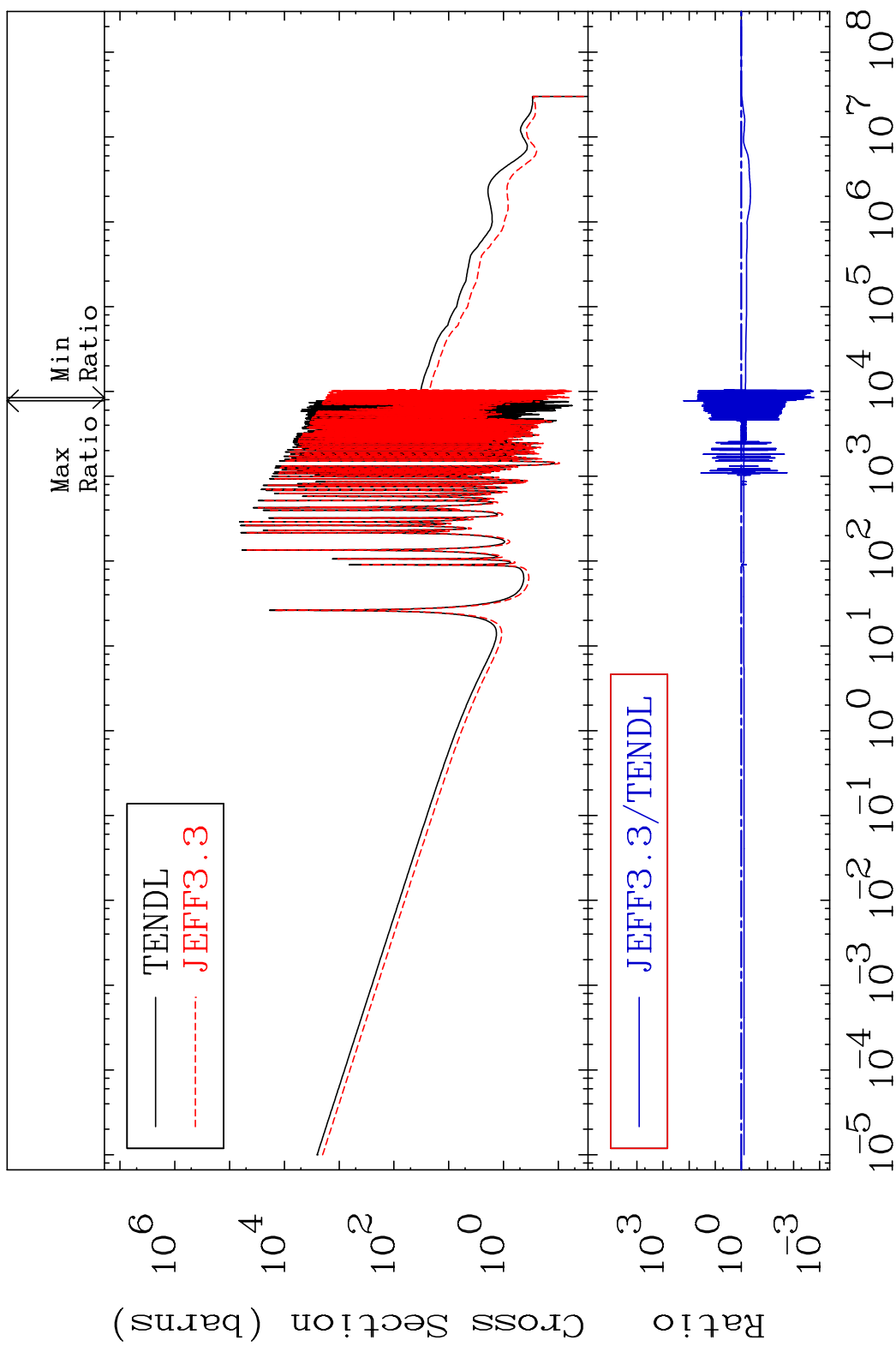


55 Incident Energy (eV) 52-Te-125

MAT 5240 Kerma fission (mt18 or mt19-20-21-38) 52-Te-125
Cross Section -116.0 To 195.8 %

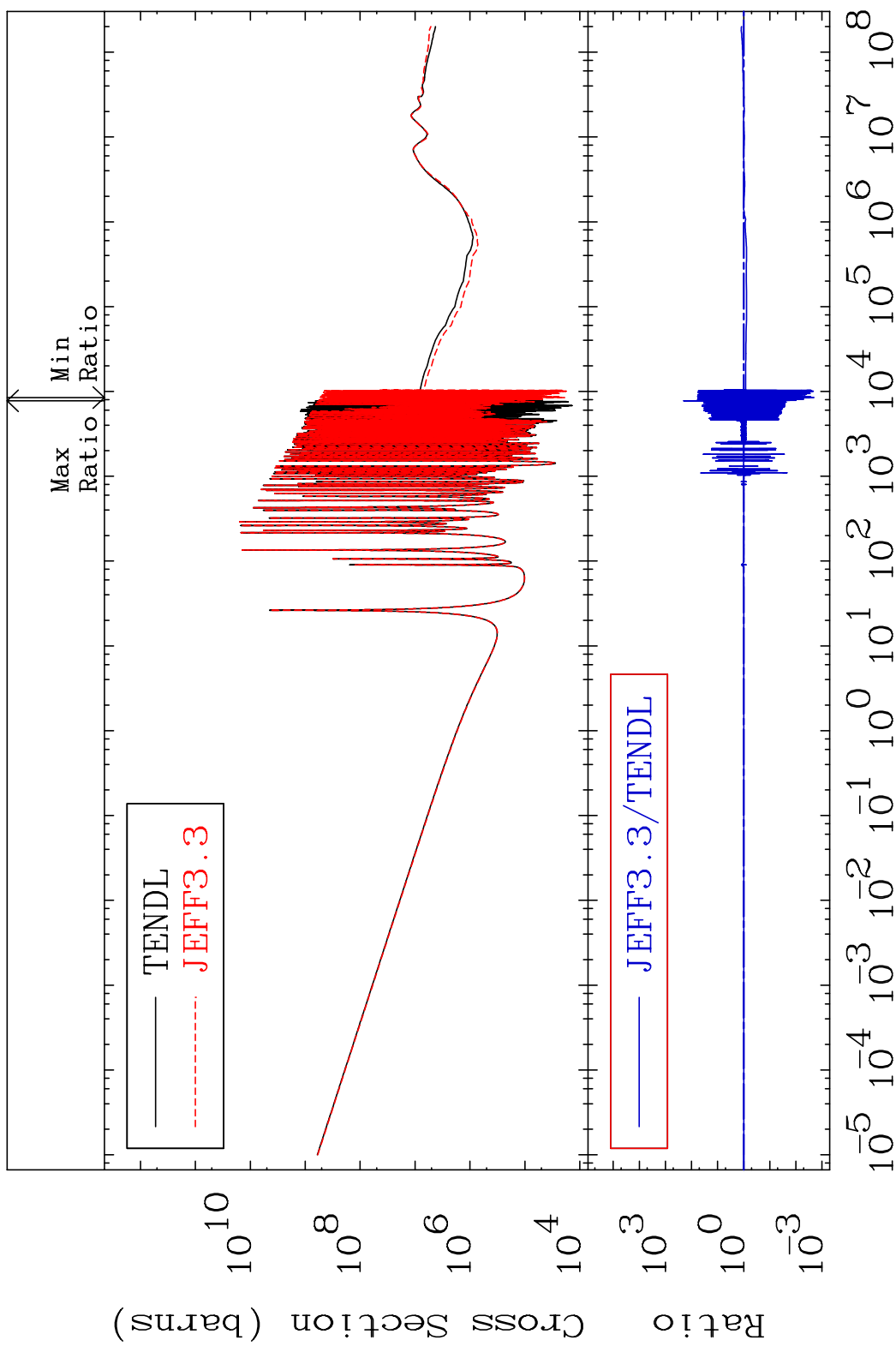


MAT 5240 Kerma capture (mt102) 52-Te-125
 Cross Section -99.83 To 9999. %



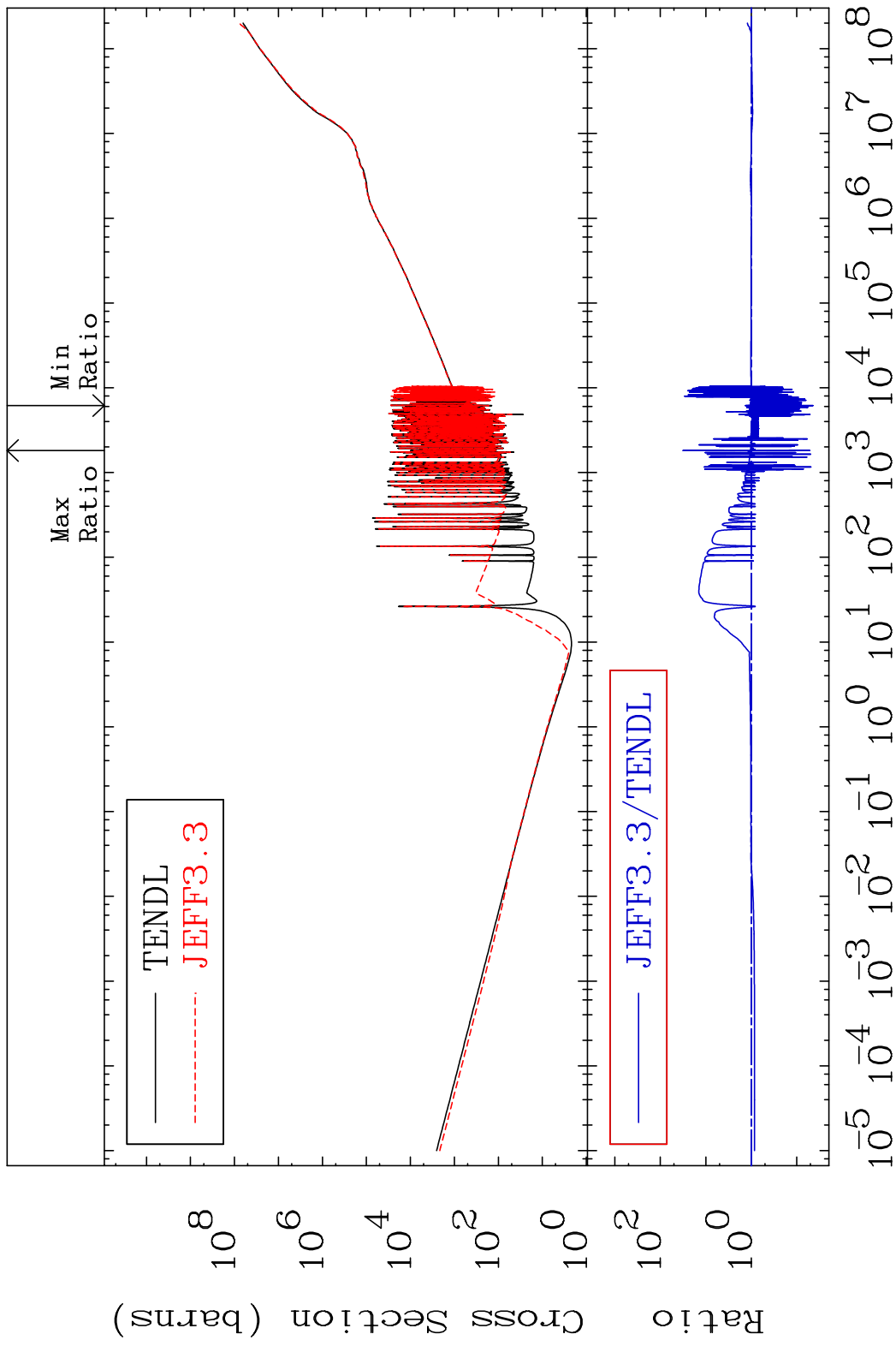
57 Incident Energy (eV) 52-Te-125

MAT 5240 Total photon (eV-barns) 52-Te-125
 Cross Section -99.80 To 9999. %

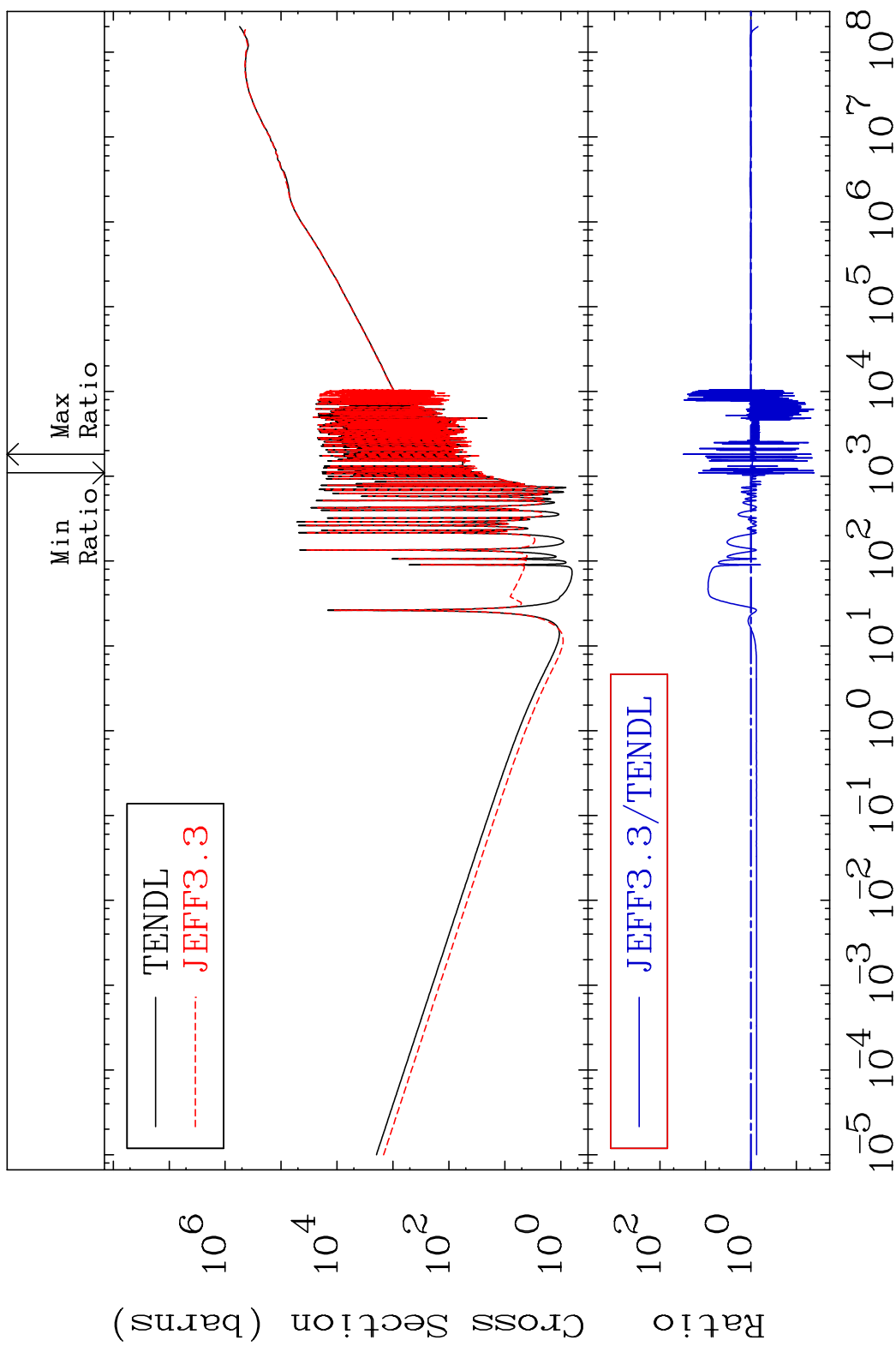


58 Incident Energy (eV) 52-Te-125

MAT 5240 Total kinematic kerma (high limit) 52-Te-125
 Cross Section -95.63 To 3102. %

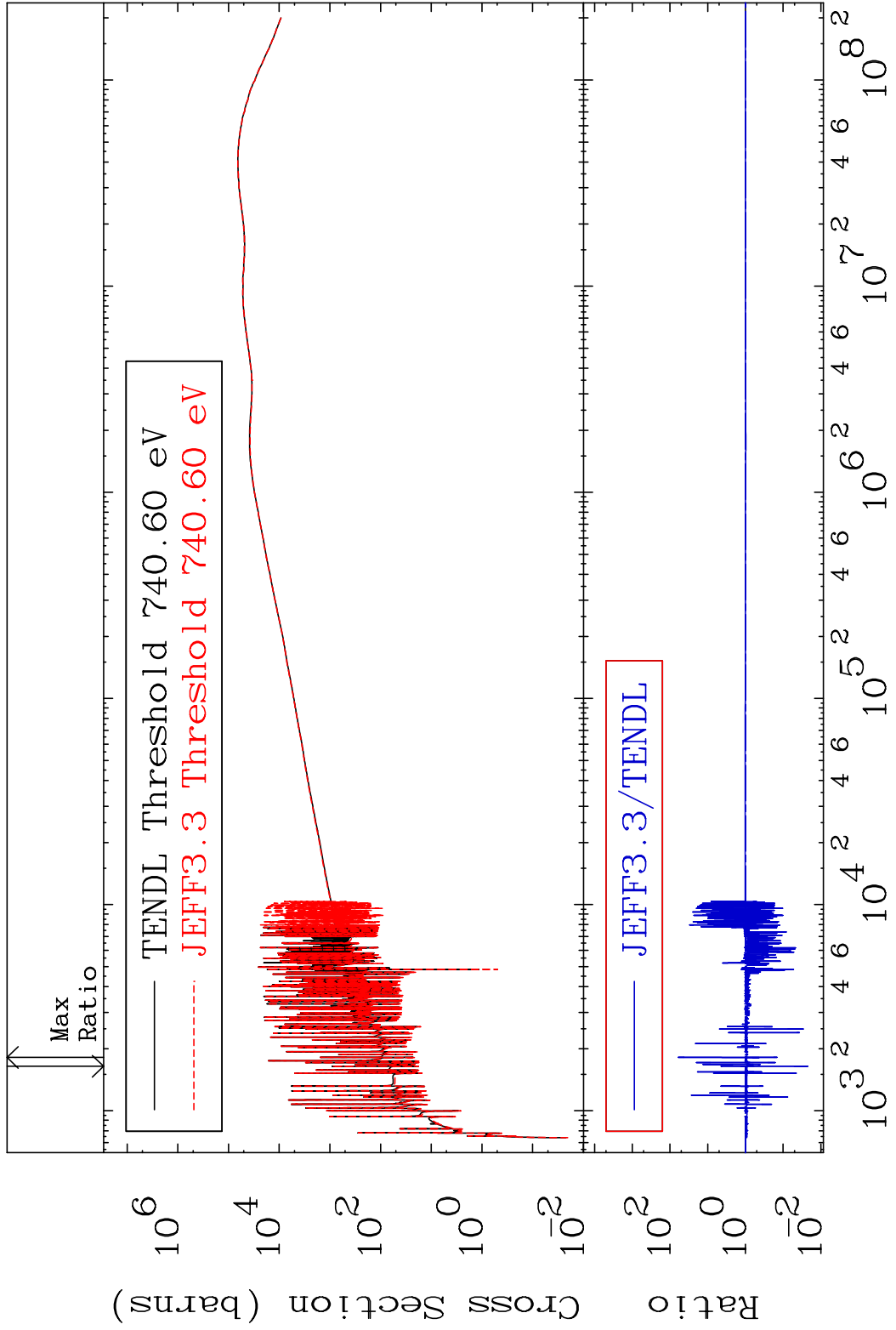


MAT 5240 Dpa total (eV-barns) 52-Te-125
 Cross Section -95.90 To 2932. %

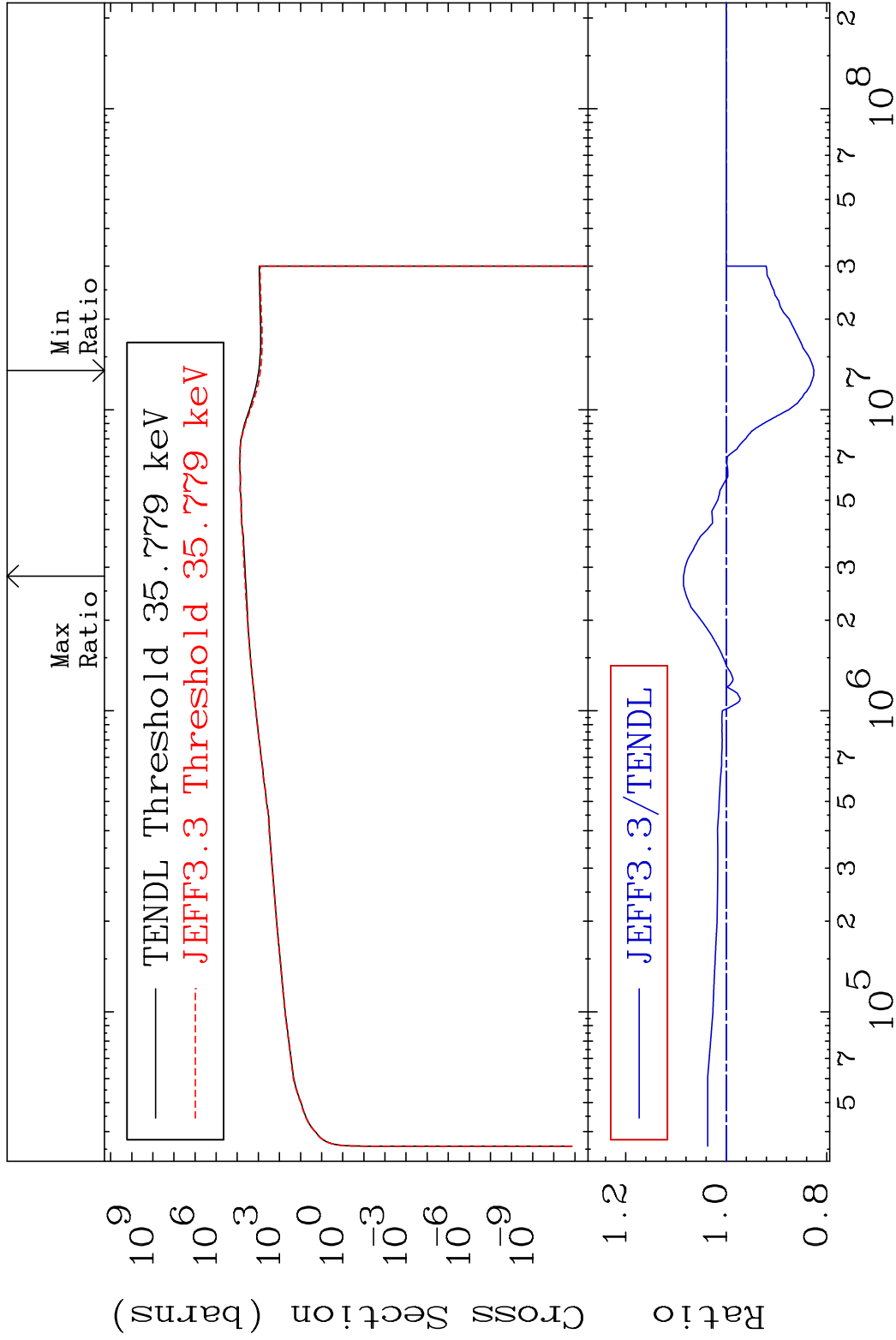


60 Incident Energy (eV) 52-Te-125

MAT 5240 Dpa elastic (mt2) 52-Te-125
 Cross Section -97.77 To 5940. %

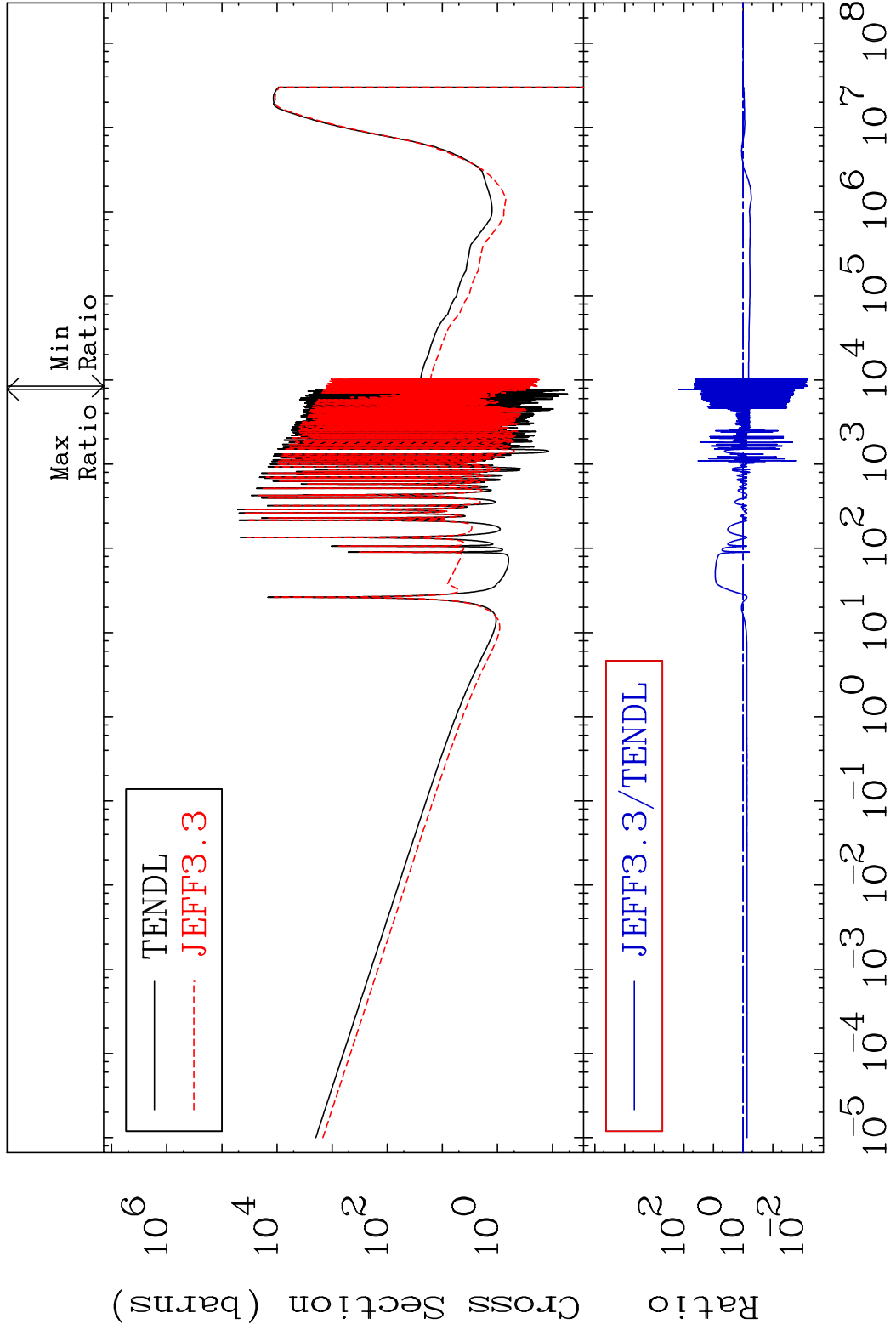


MAT 5240 Dpa inelastic (mt51-91) 52-Te-125
 Cross Section -17.45 To 8.507 %



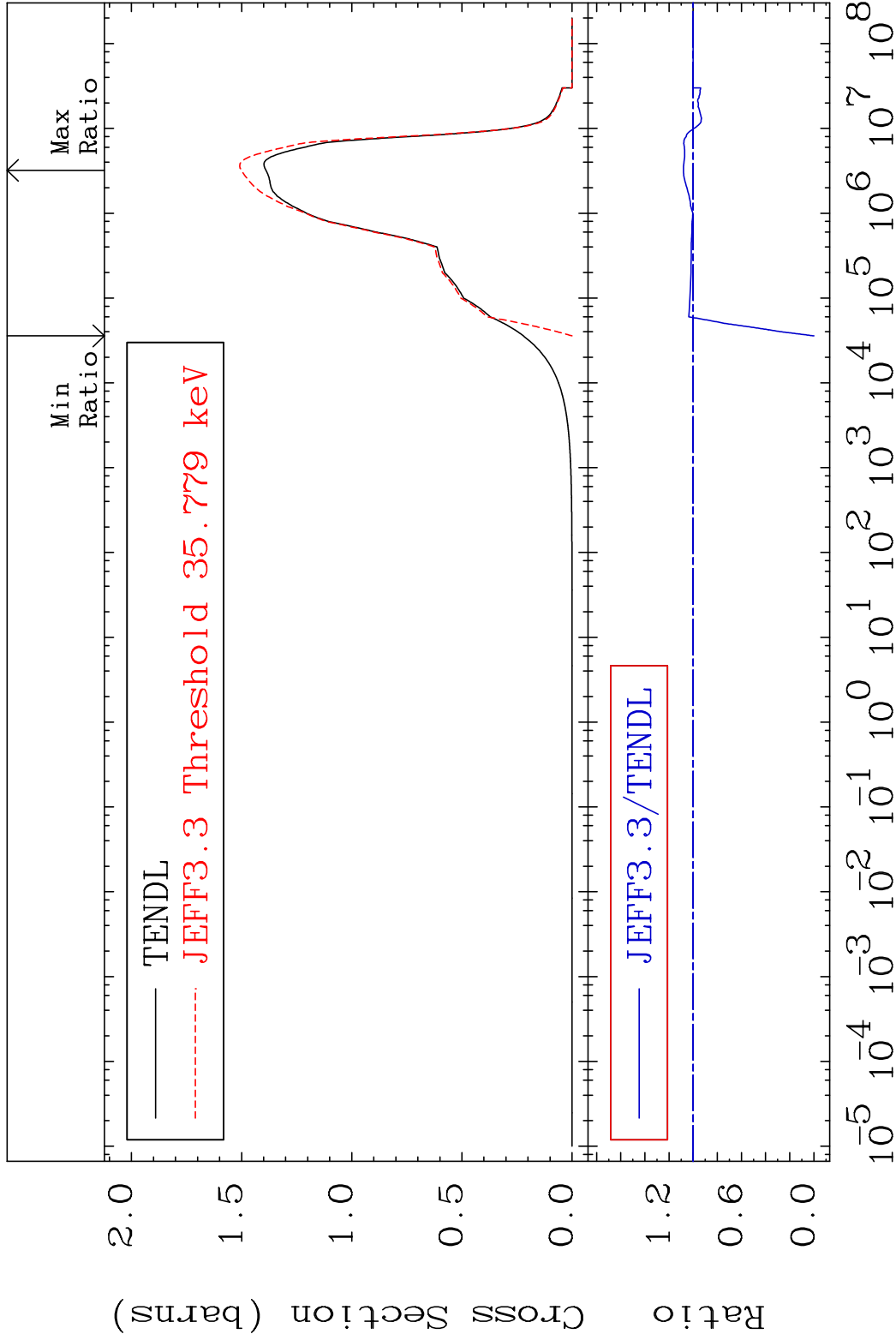
62 Incident Energy (eV) 52-Te-125

MAT 5240 Dpa disappearance (mt102 -120) 52-Te-125
 Cross Section -99.33 To 9999. %



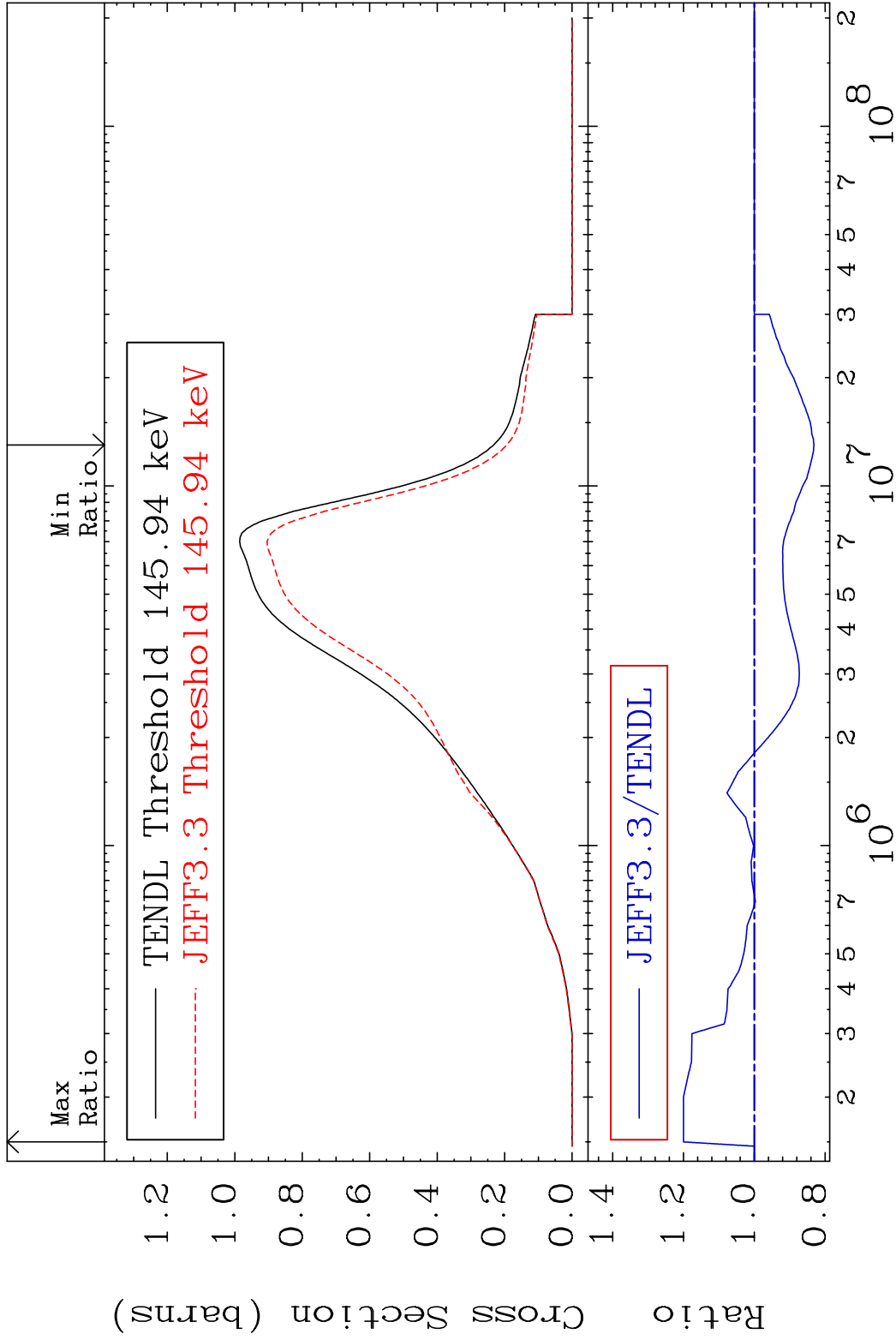
63 Incident Energy (eV) 52-Te-125

MAT 5240 Inelastic:52-Te-125g 52-Te-125
 Radionuclide Production Cross Section 8.058 %

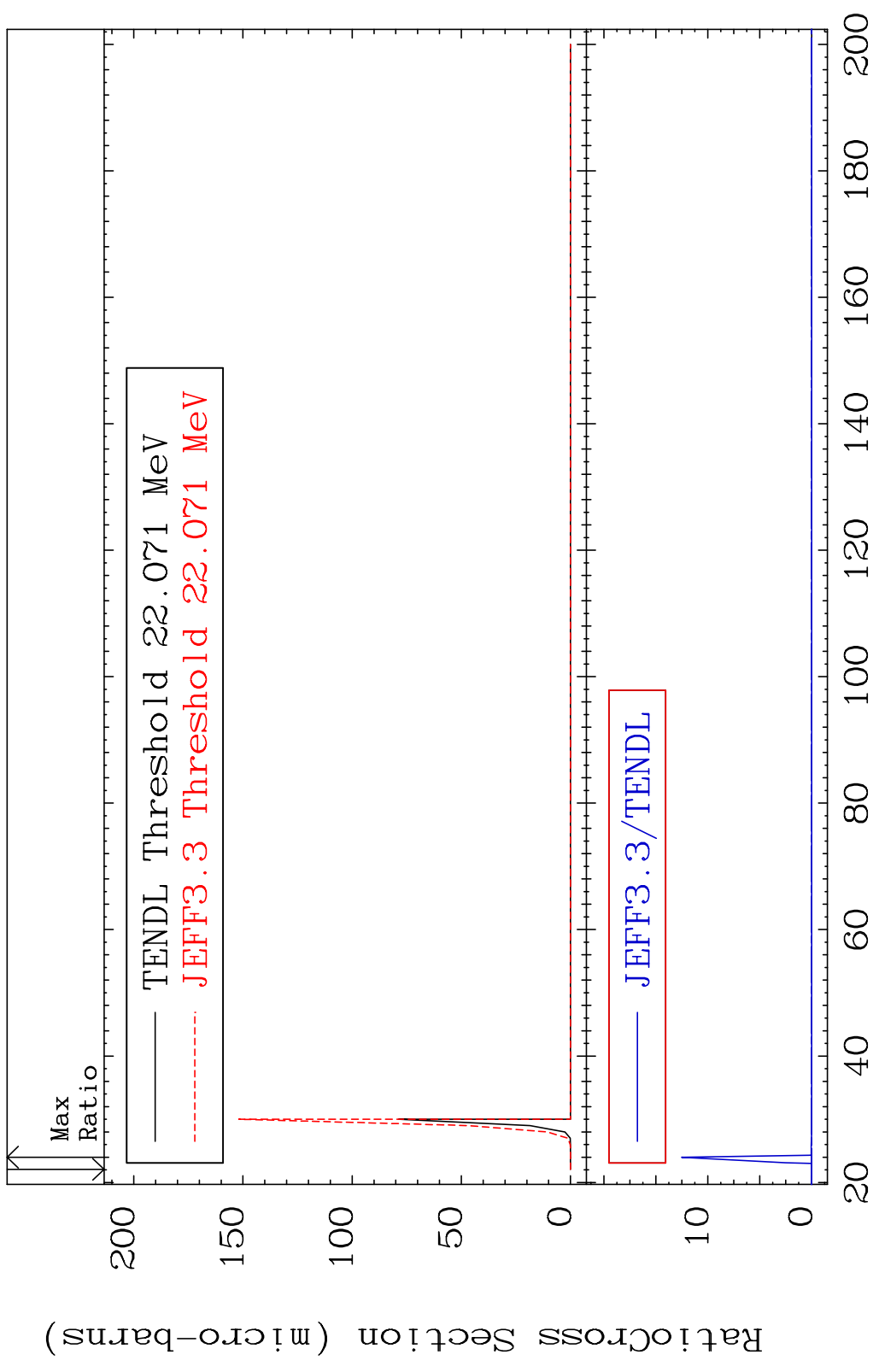


64 Incident Energy (eV) 52-Te-125

MAT 5240 Inelastic:52-Te-125m2 52-Te-125
 Radionuclide Production Cross Section 18e-02 d to 20.00 %

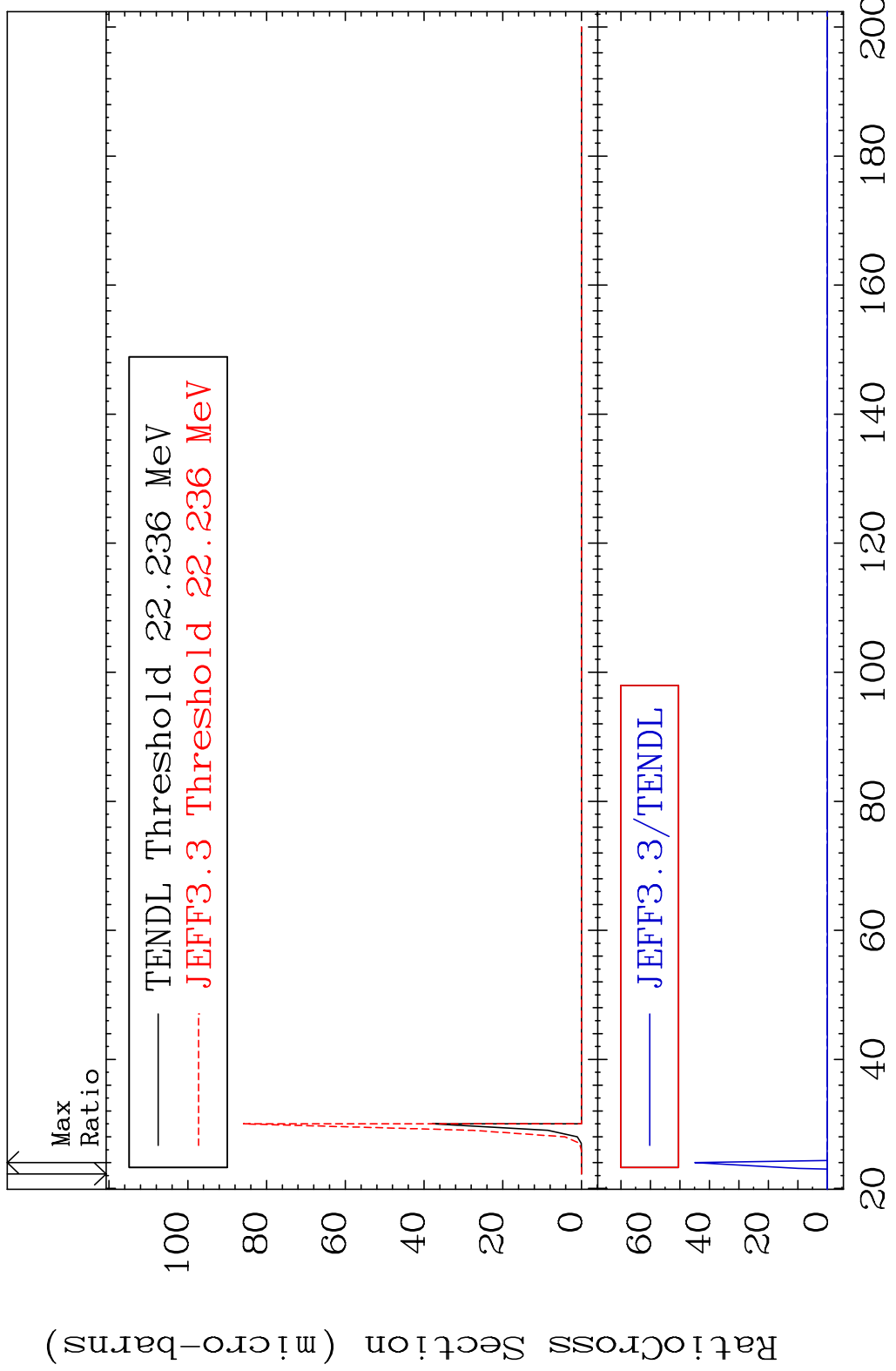


MAT 5240 (n,2n) d:51-Sb-122g 52-Te-125
 Radionuclide Production Cross Section 180000 dfo 9999. %



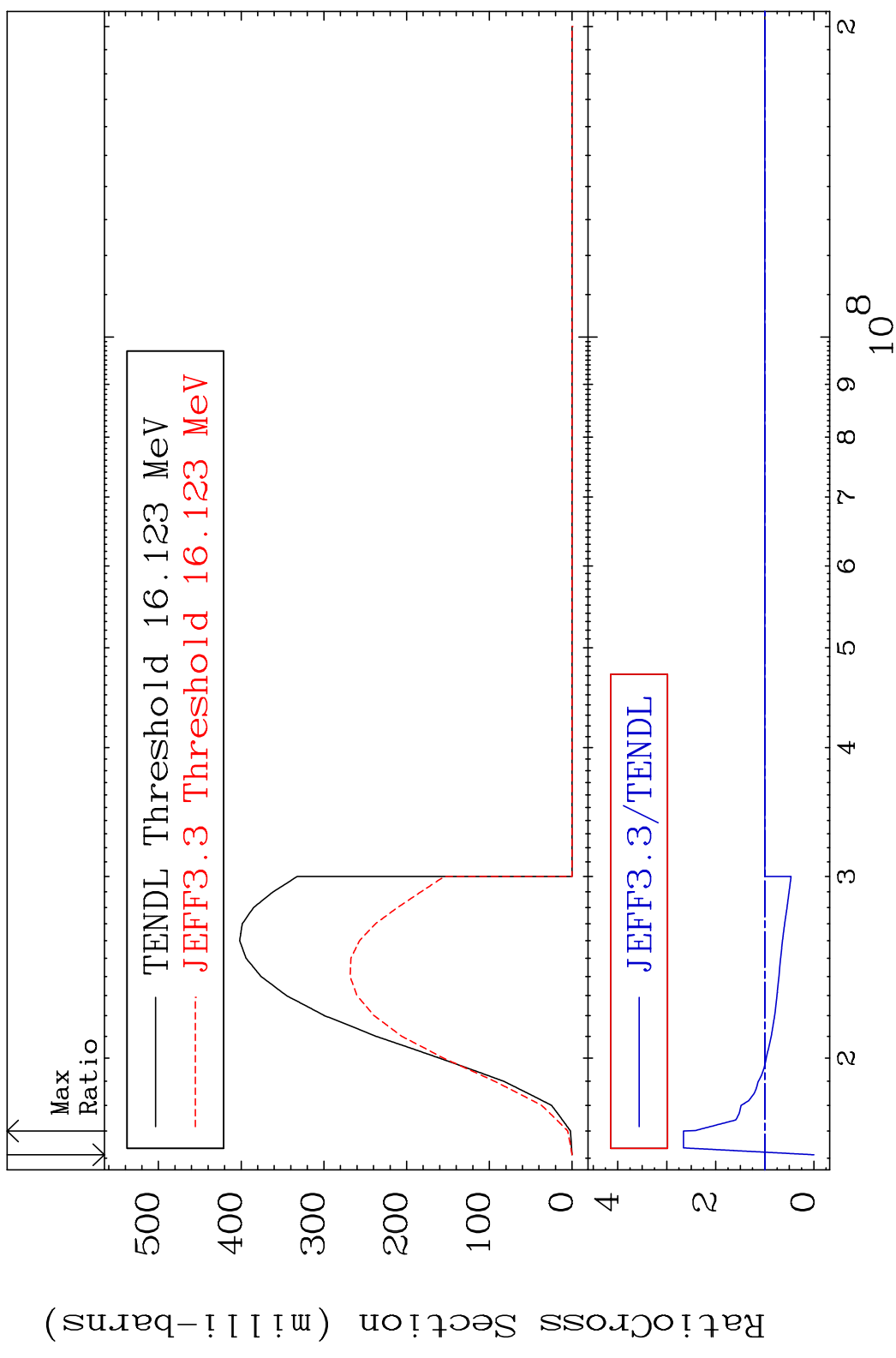
66 Incident Energy (MeV) 52-Te-125

MAT 5240 (n,2n) d:51-Sb-122m5 52-Te-125
Radionuclide Production Cross Section to 9999. %

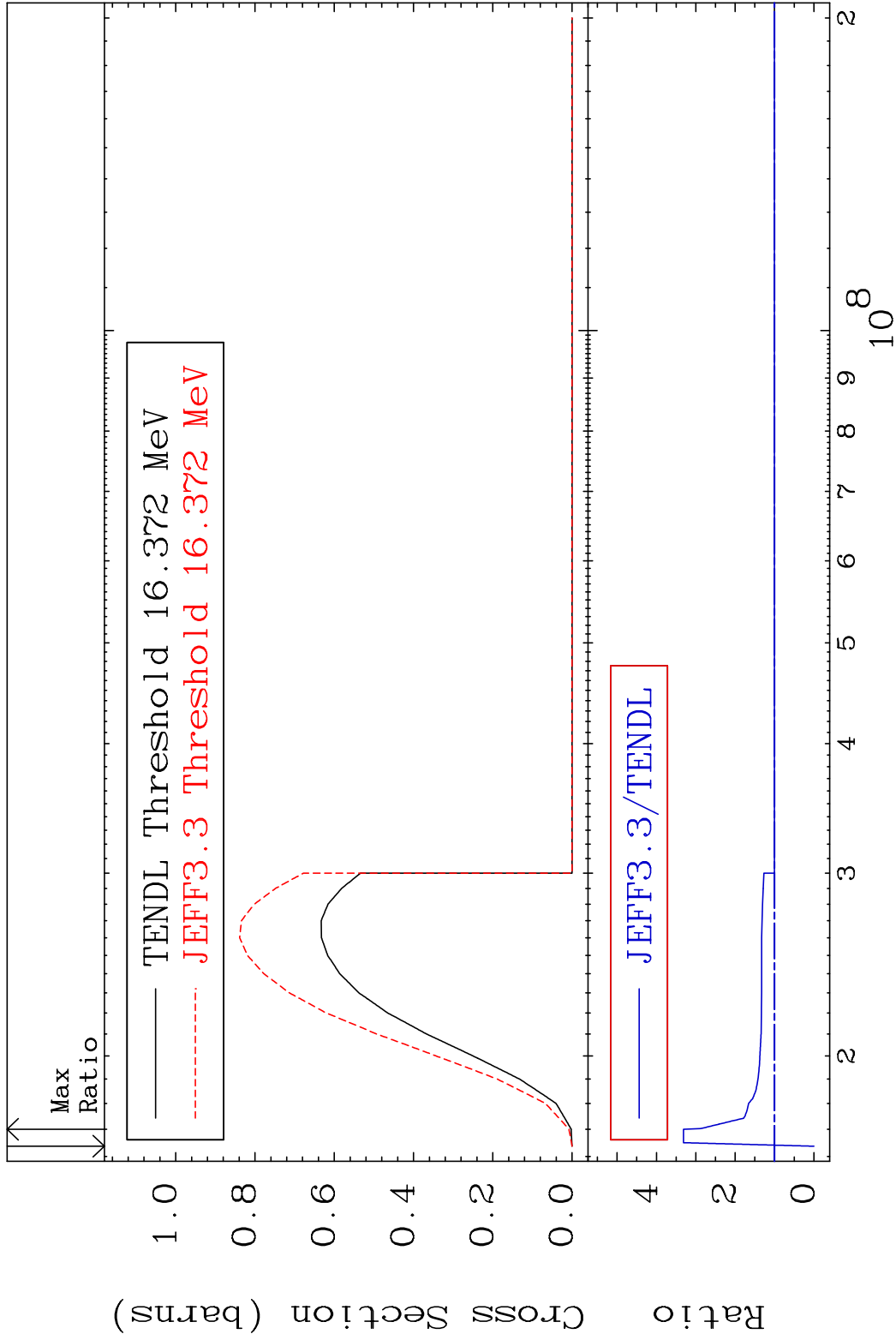


67 52-Te-125

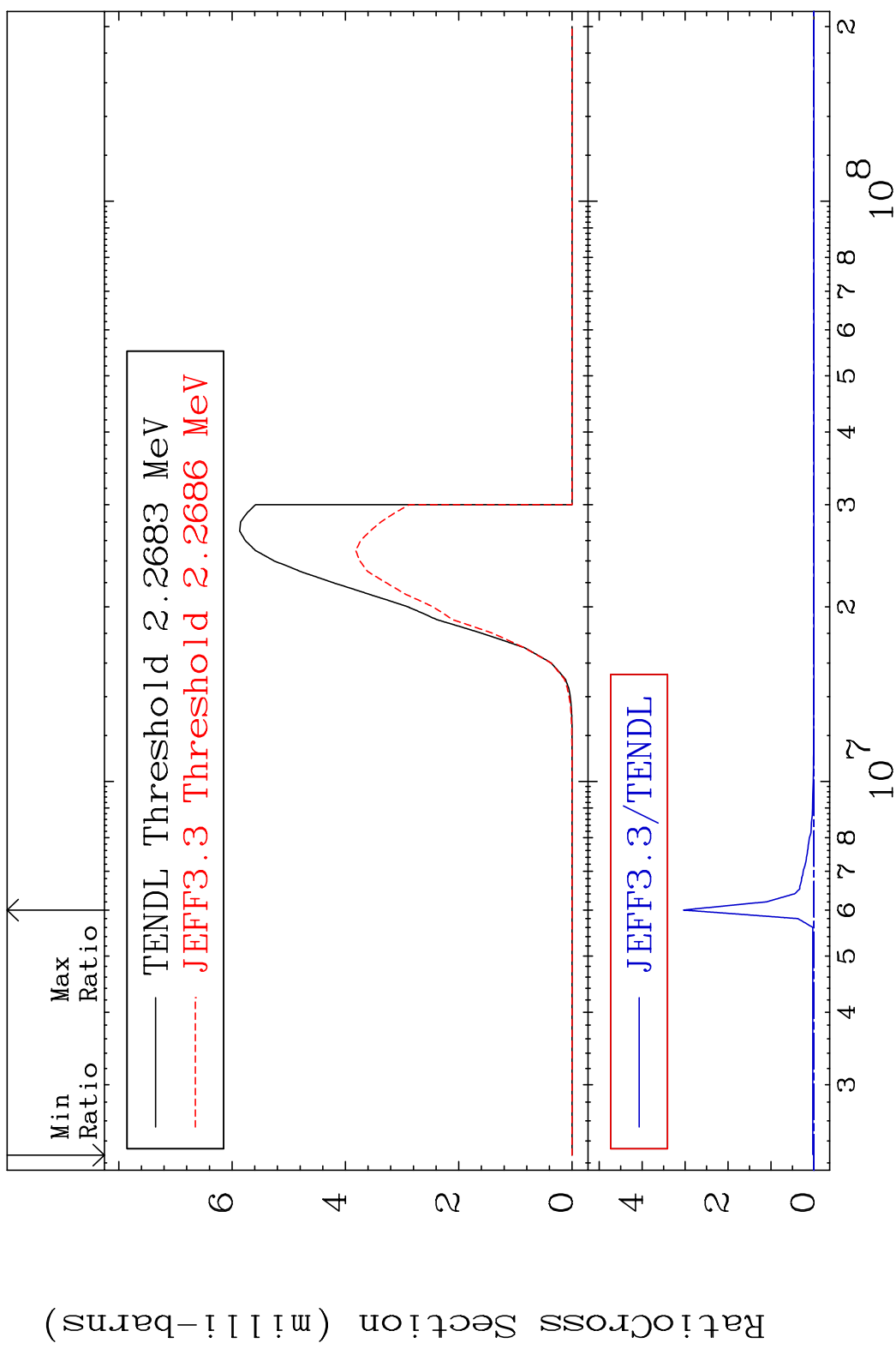
MAT 5240 (n,3n):52-Te-123g 52-Te-125
 Radionuclide Production Cross Section 180000 dpo 165.9 %



MAT 5240 (n,3n):52-Te-123m2 52-Te-125
 Radionuclide Production Cross Section 180000 dpo 231.4 %

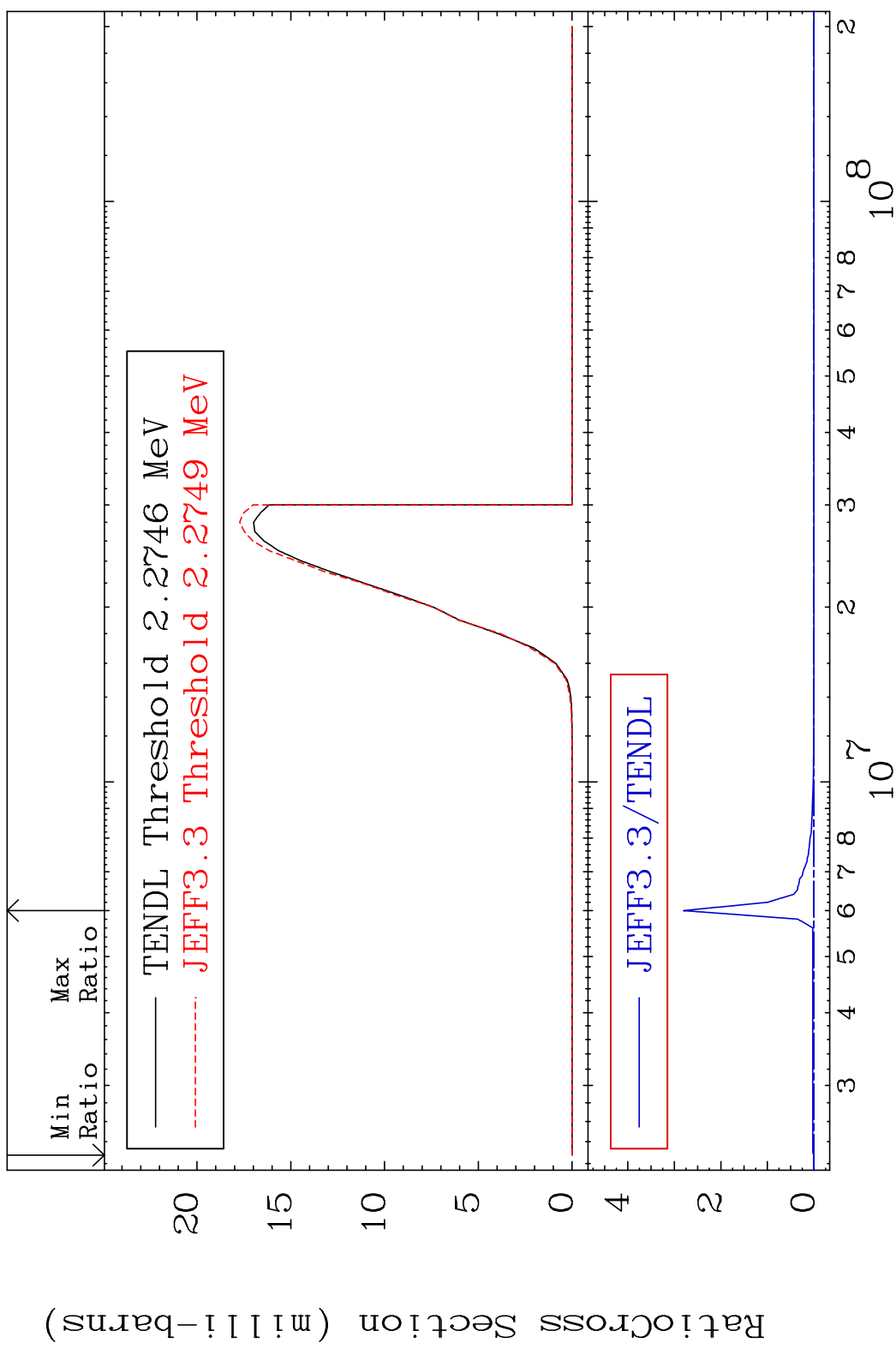


MAT 5240 (n, n') α :50-Sn-121g 52-Te-125
 Radionuclide Production Cross Section 10000 dtd 9999. %

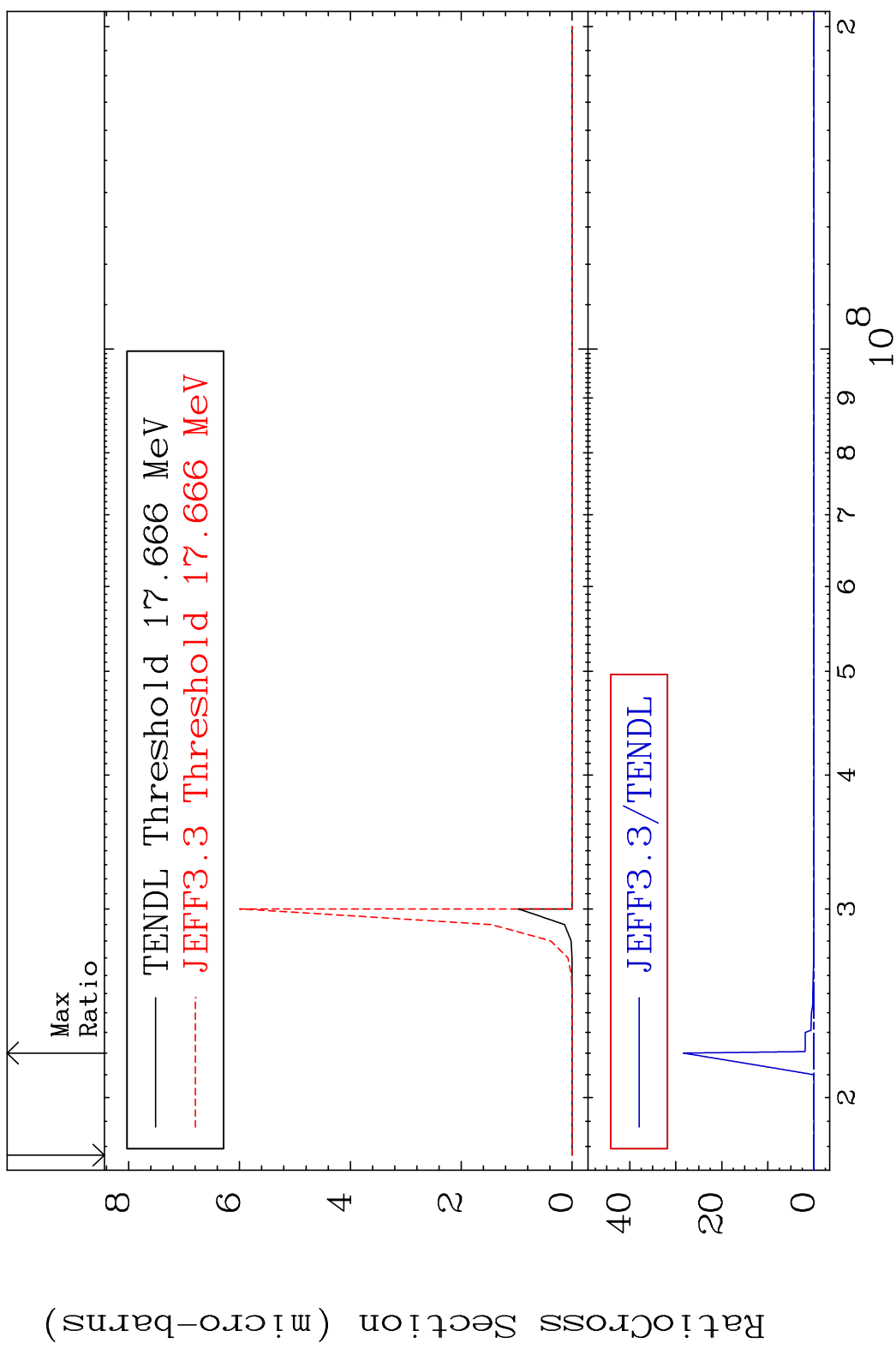


70 Incident Energy (eV) 52-Te-125

MAT 5240 (n, n') α :50-Sn-121m1 52-Te-125
 Radionuclide Production Cross Section 10000 dpo 9999. %

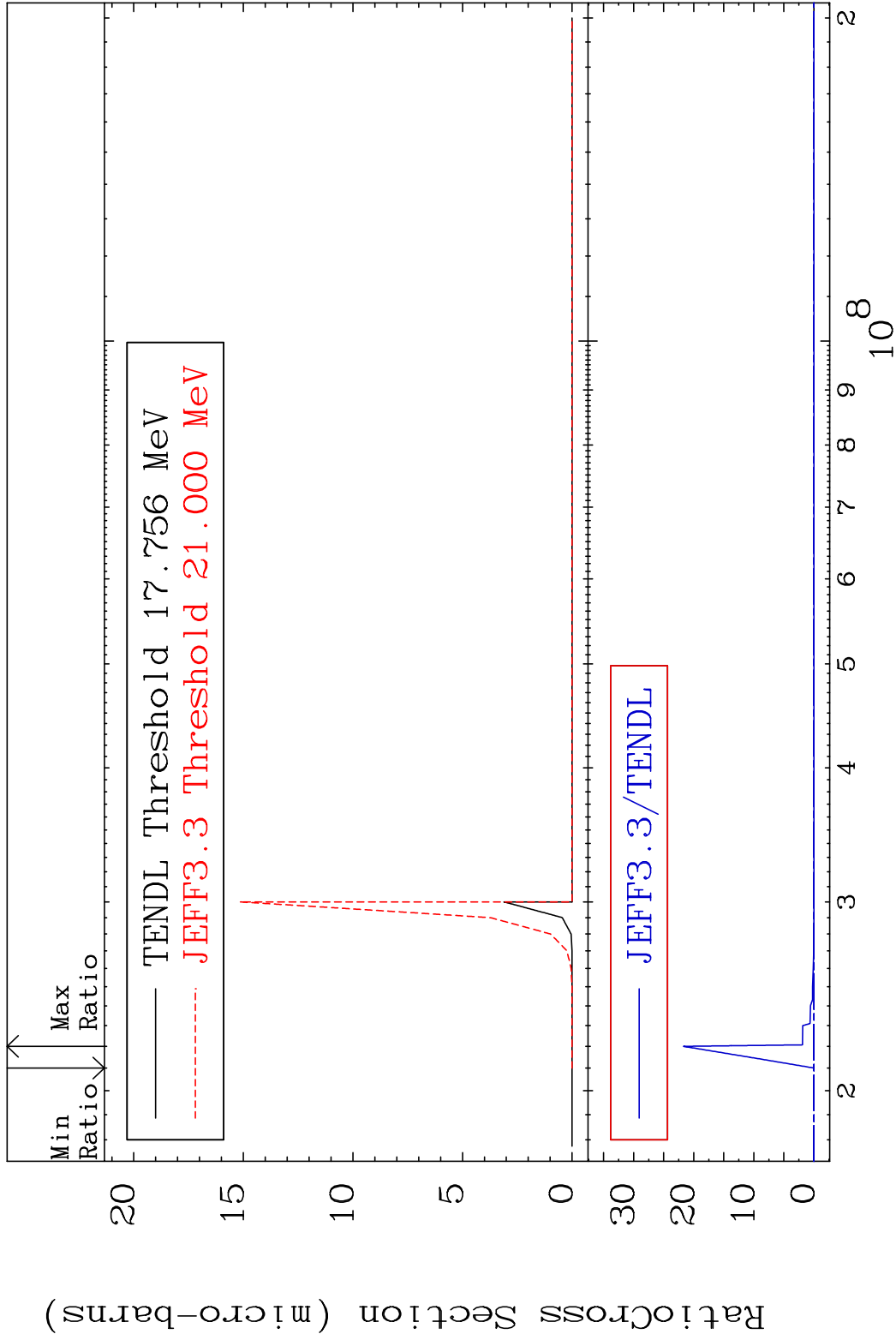


MAT 5240 (n,3n) α :50-Sn-119g 52-Te-125
 Radionuclide Production Cross Section 180000 dtd 9999. %



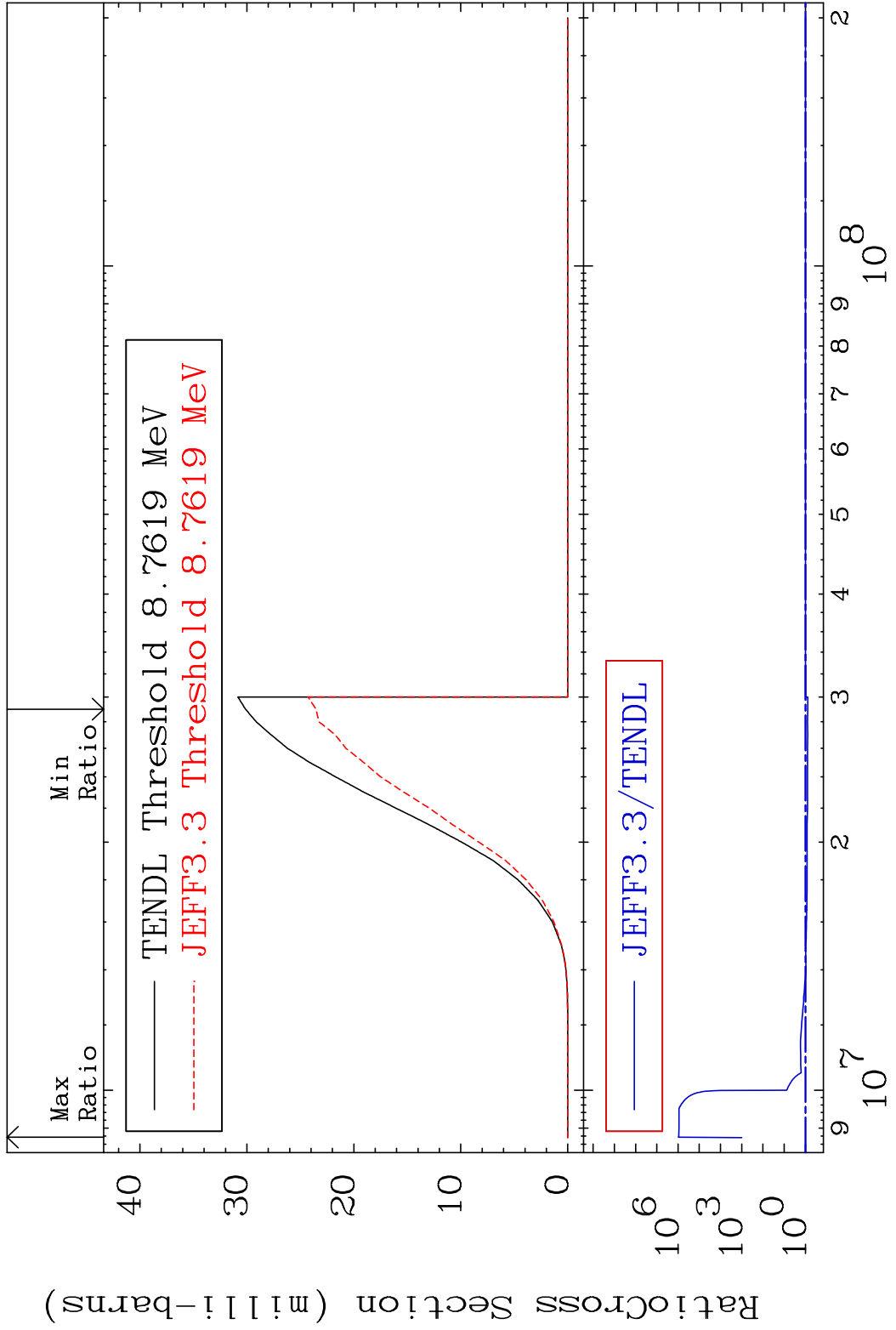
72 Incident Energy (eV) 52-Te-125

MAT 5240 (n,3n) α :50-Sn-119m2 52-Te-125
 Radionuclide Production Cross Section 180000 dtd 9999. %



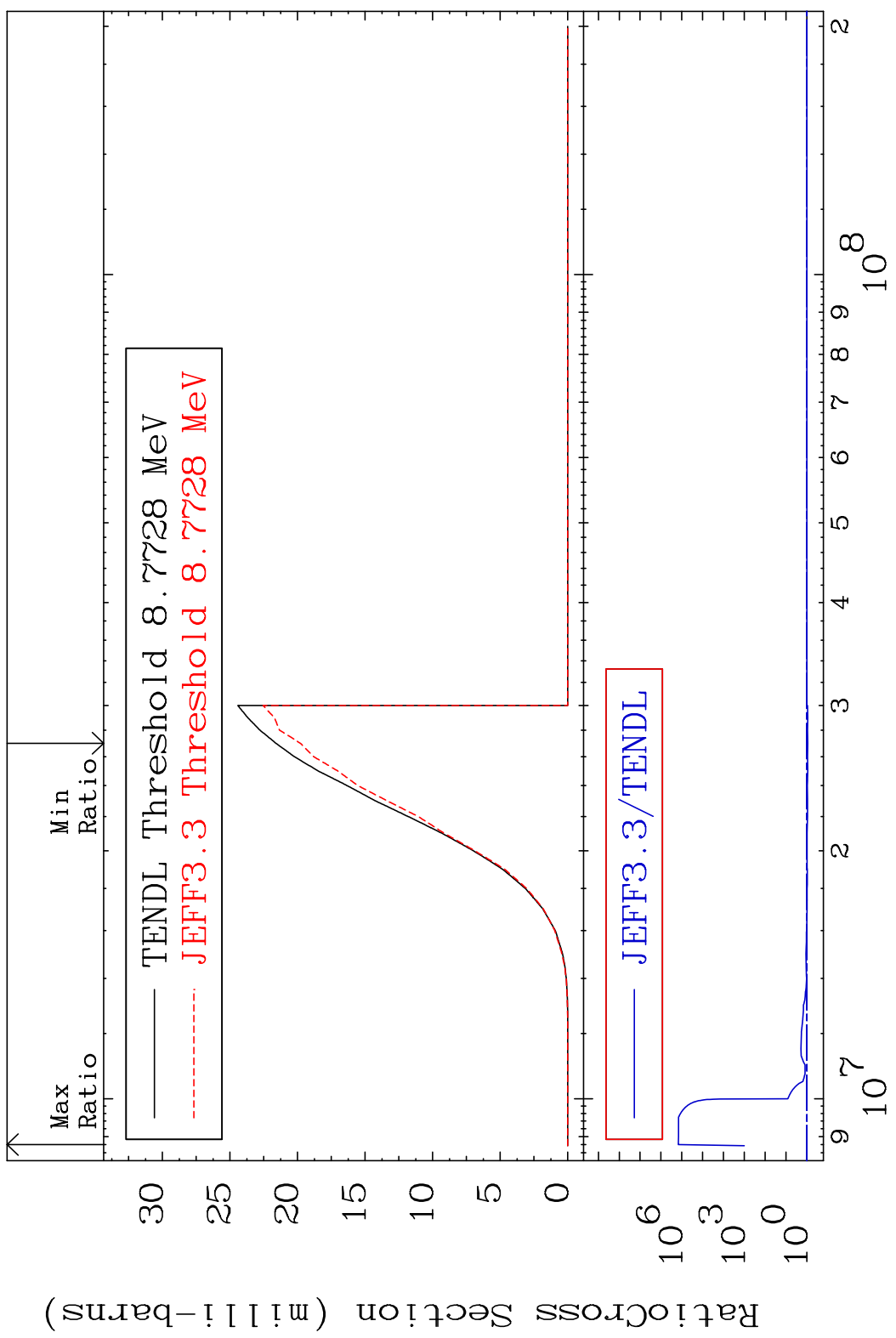
73 Incident Energy (eV) 52-Te-125

MAT 5240 (n, n') p:51-Sb-124g 52-Te-125
 Radionuclide Production Cross Section



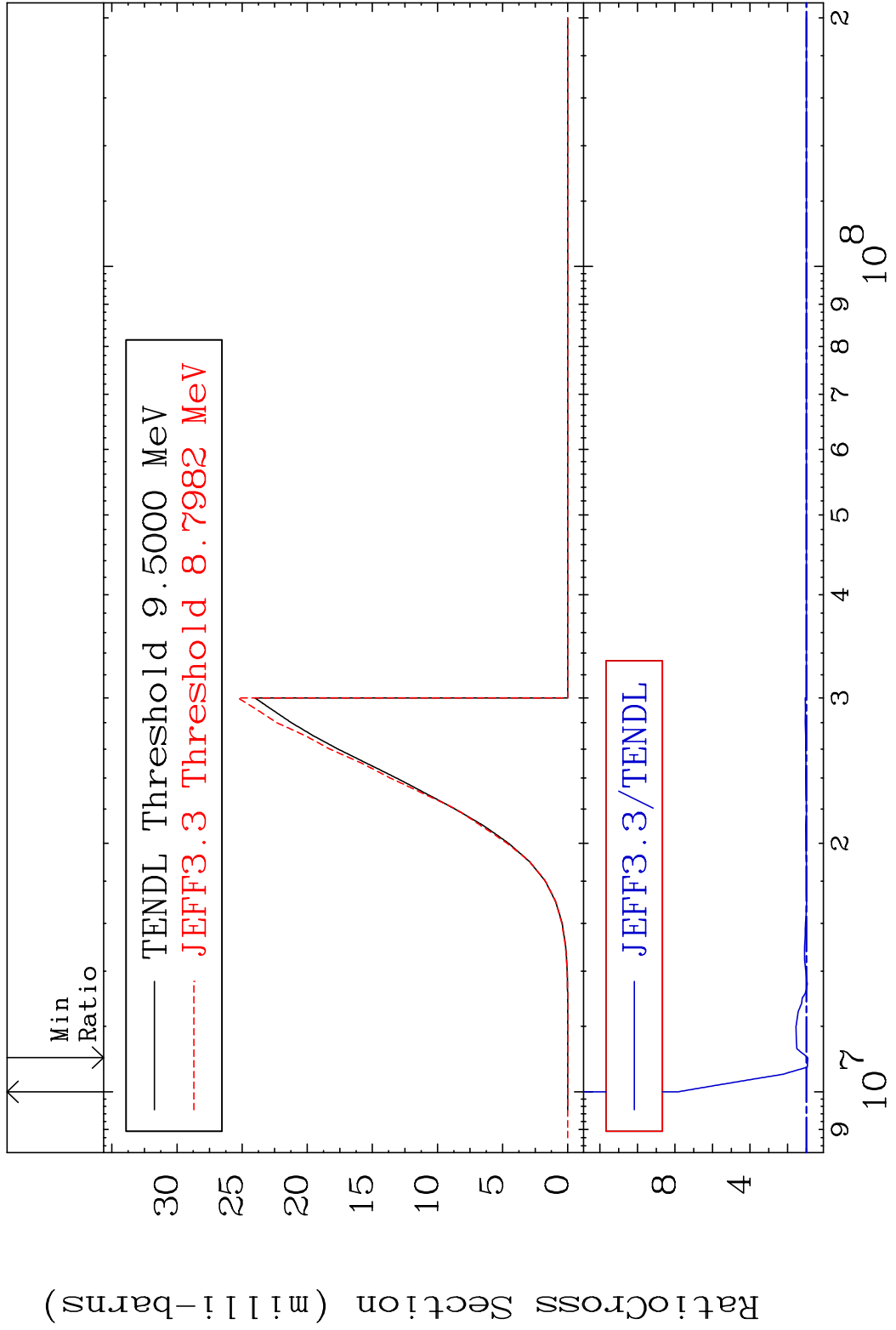
74 Incident Energy (eV) 52-Te-125

MAT 5240 (n,n') p:51-Sb-124m1 52-Te-125
 Radionuclide Production Cross Section



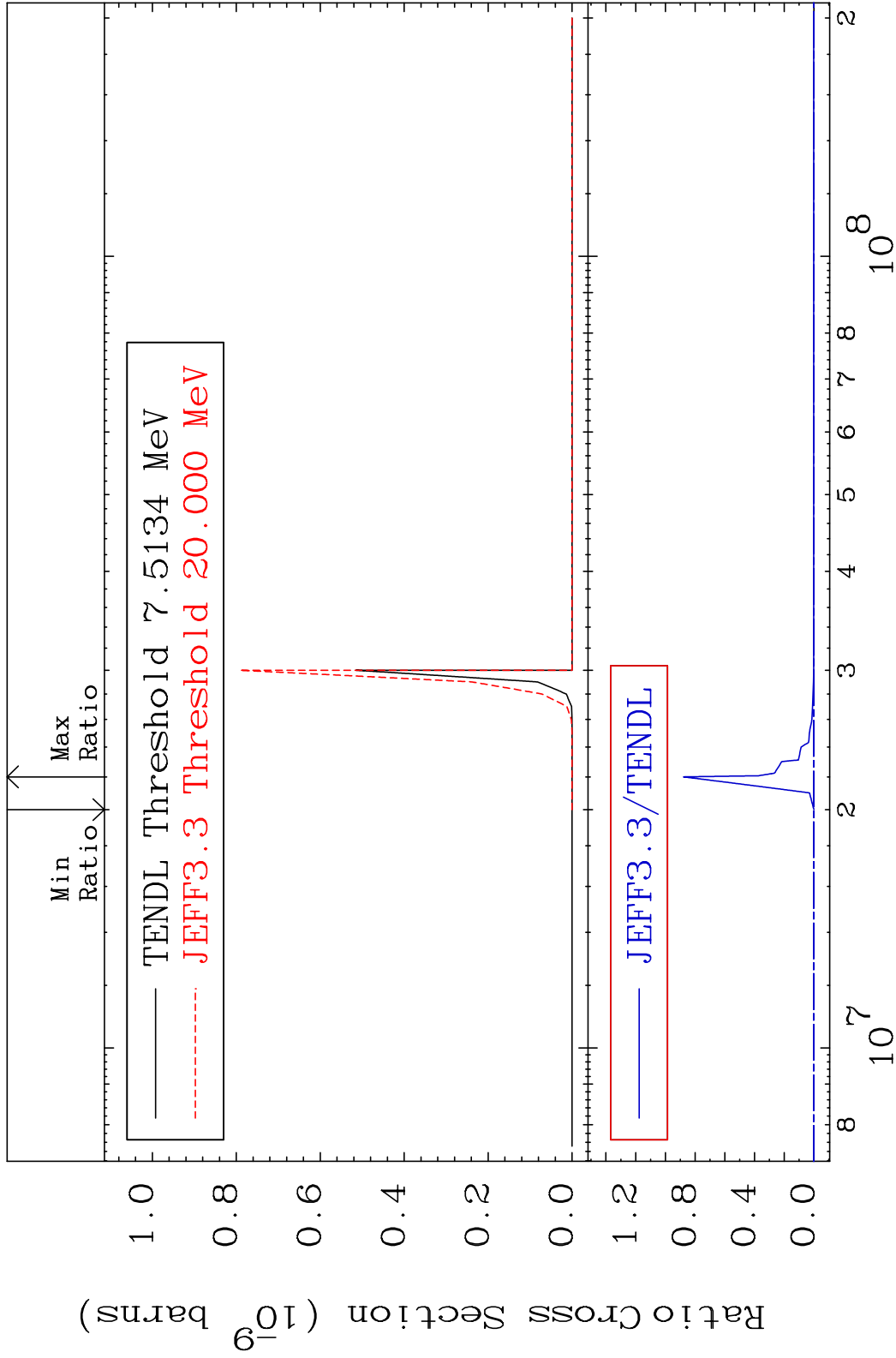
75 Incident Energy (eV) 52-Te-125

MAT 5240 (n, n') p:51-Sb-124m2 52-Te-125
 Radionuclide Production Cross Section 682.5 %

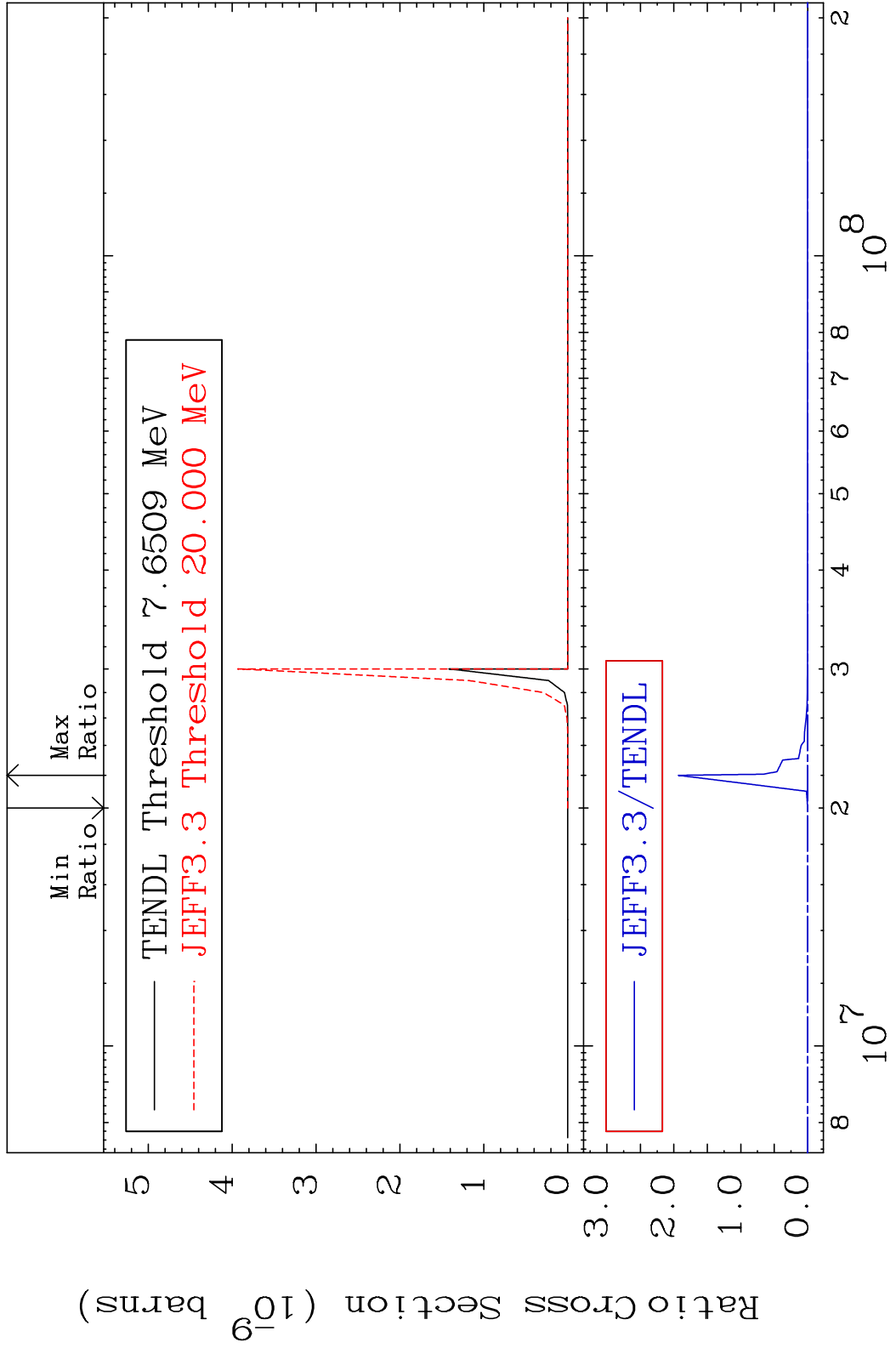


76 Incident Energy (eV) 52-Te-125

MAT 5240 (n, n') ^{248}Cd -117g ^{125}Te 52-Te-125
 Radionuclide Production Cross Section 180000 dtd 9999. %

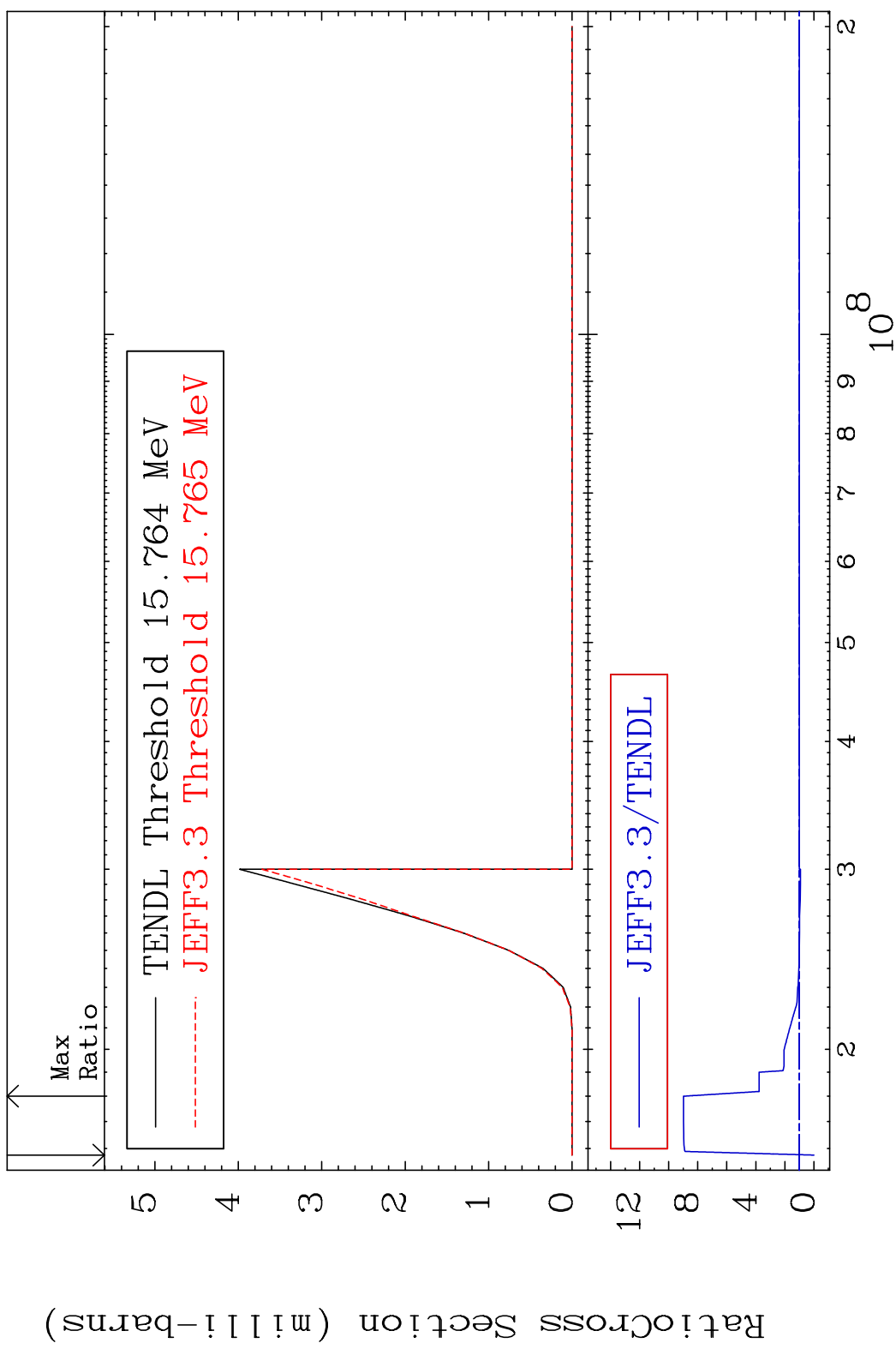


MAT 5240 (n, n') 2α :48-Cd-117m2 52-Te-125
 Radionuclide Production Cross Section 180000 dth 9999. %



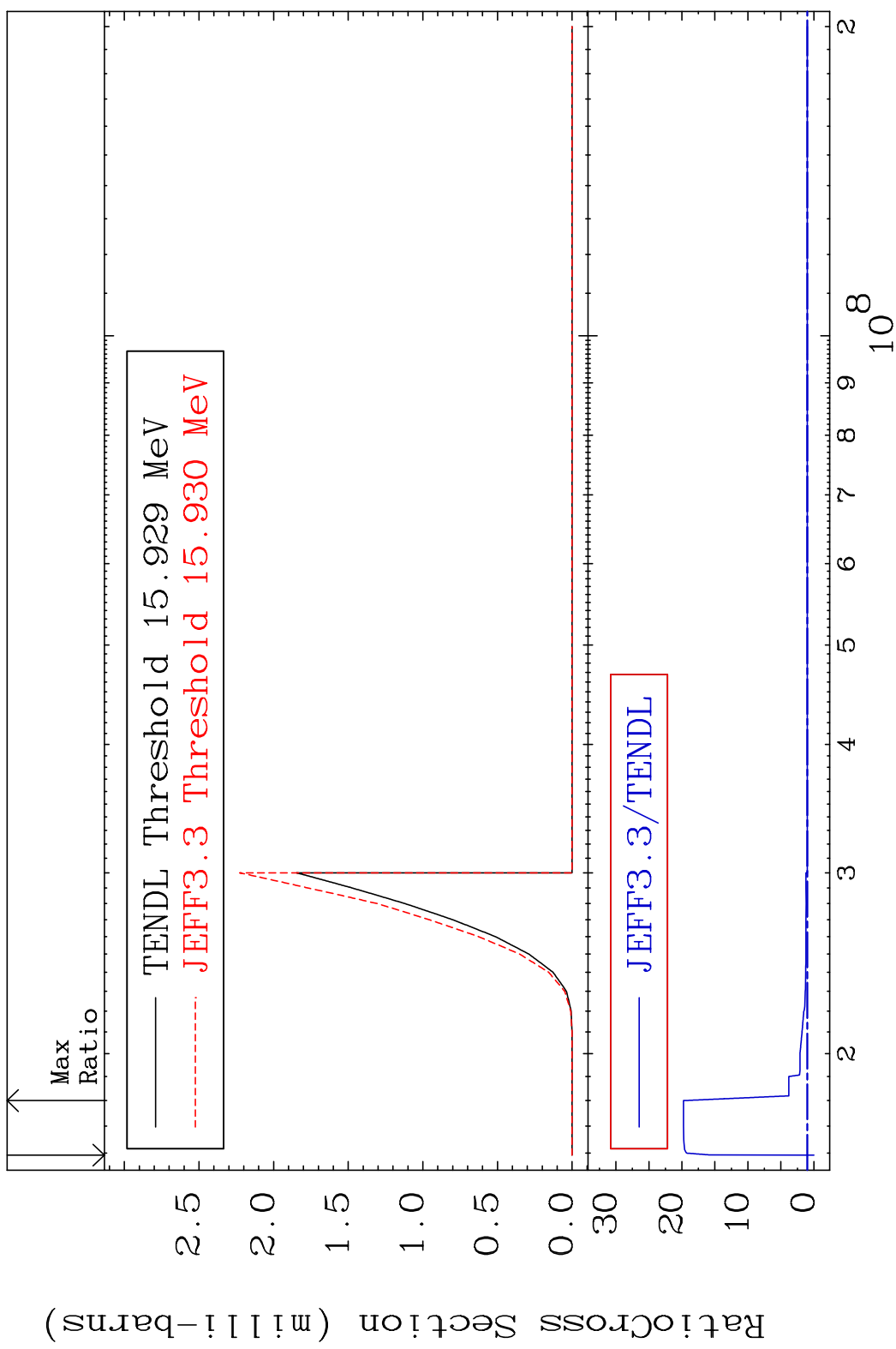
78 Incident Energy (eV) 52-Te-125

MAT 5240 (n, n') t:51-Sb-122g 52-Te-125
 Radionuclide Production Cross Section 1800.0 dth 798.3 %



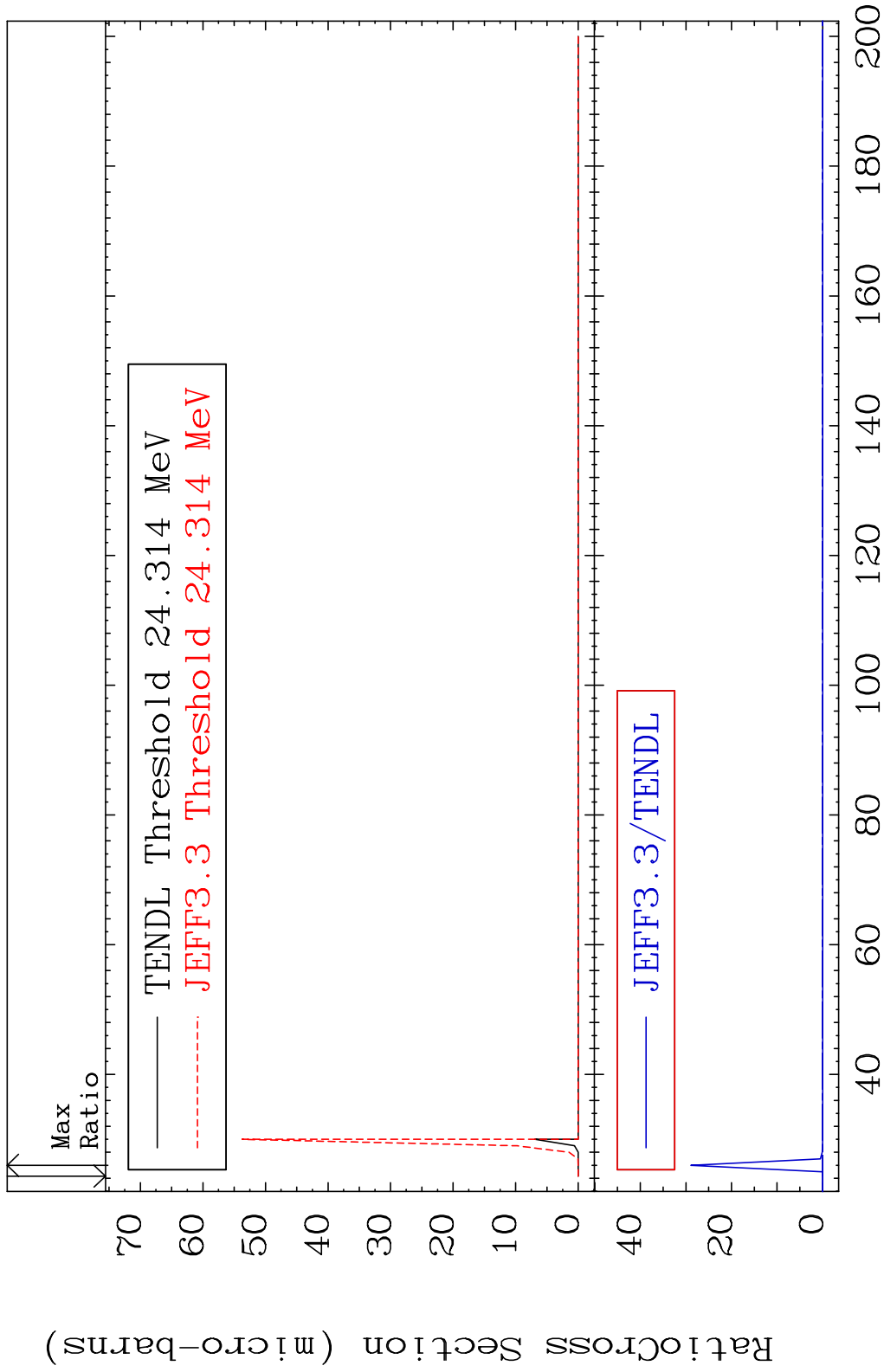
79 Incident Energy (eV) 52-Te-125

MAT 5240 (n, n') t:51-Sb-122m5 52-Te-125
 Radionuclide Production Cross Section 180000 dpo 1876. %

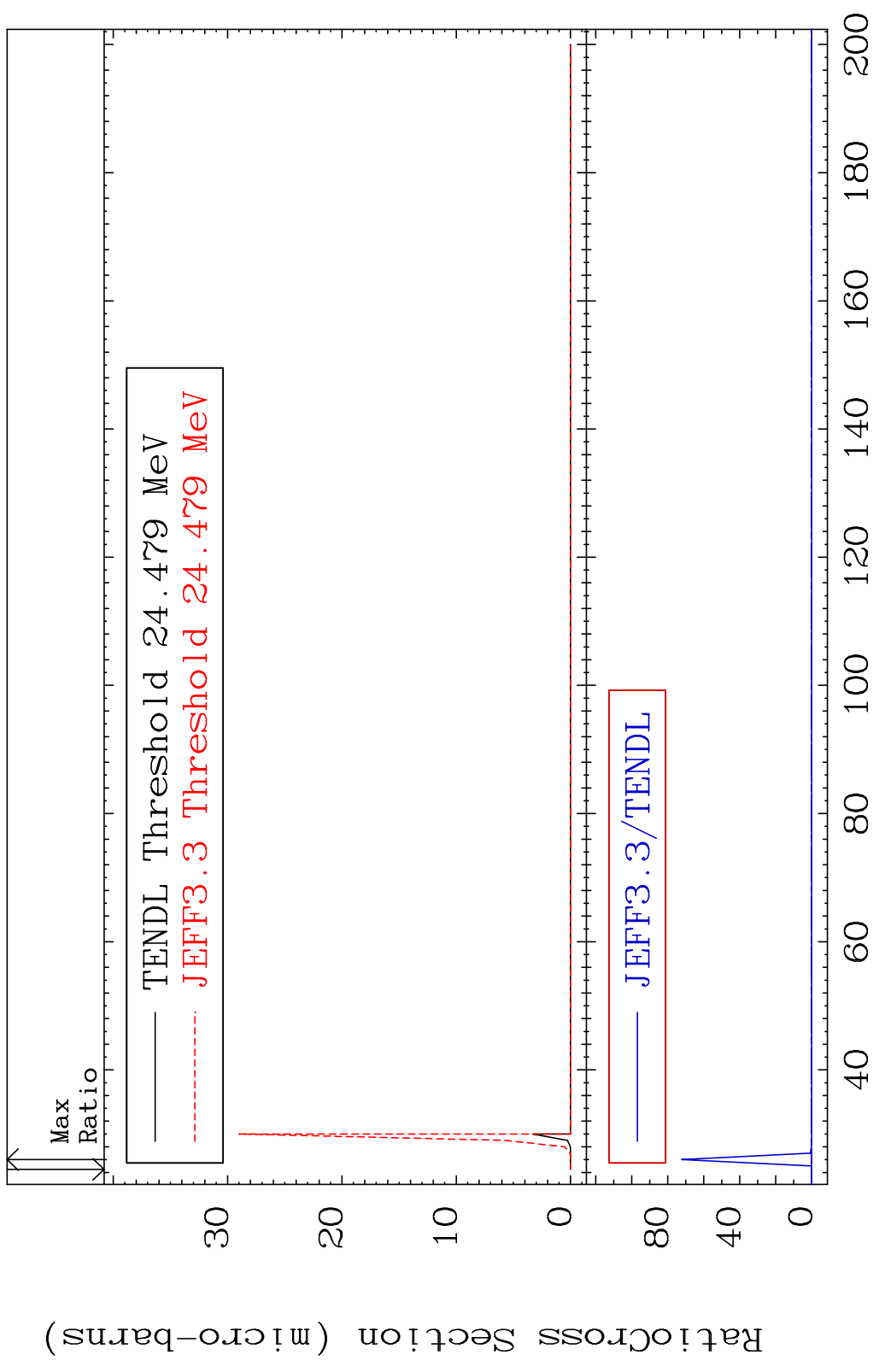


80 Incident Energy (eV) 52-Te-125

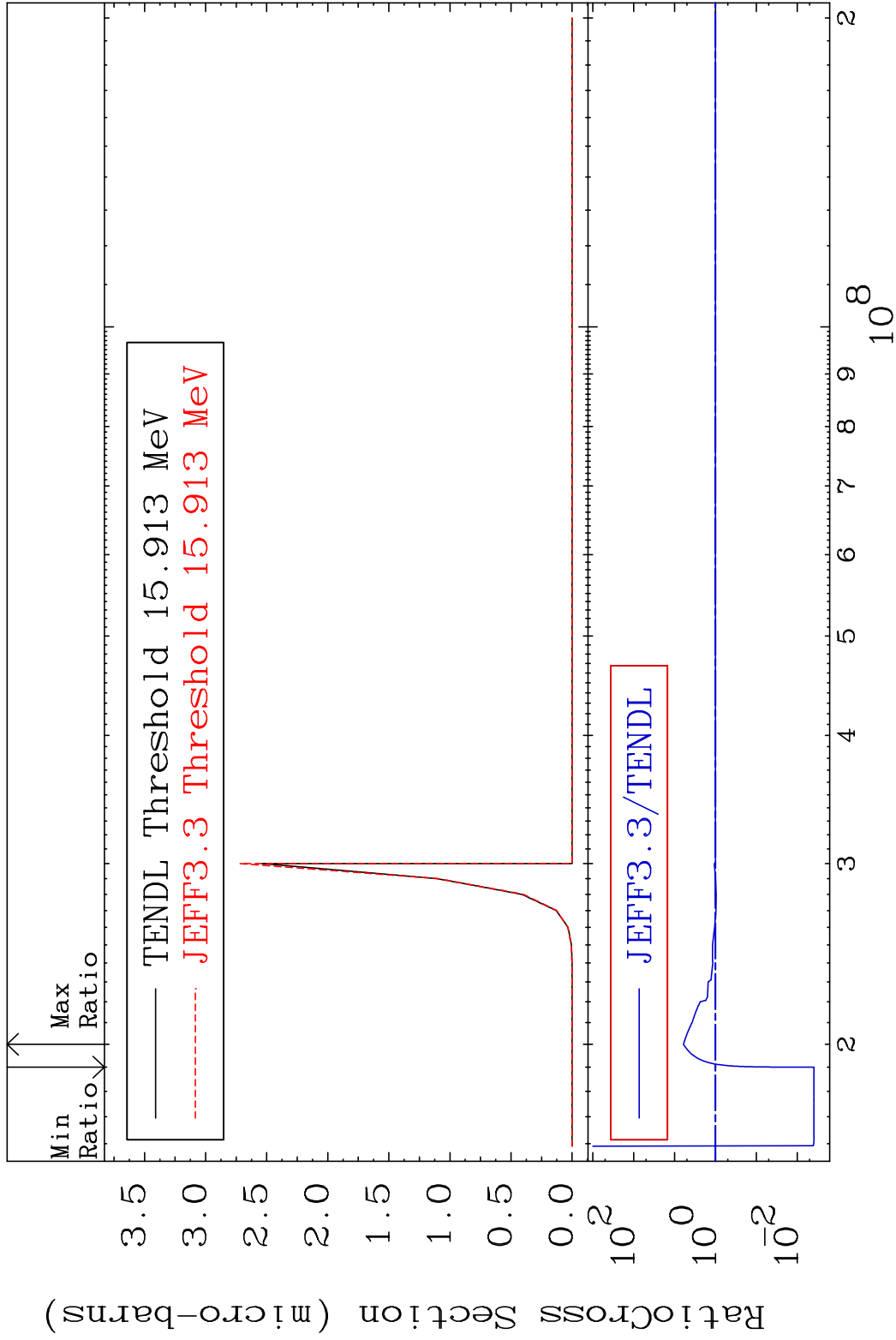
MAT 5240 (n,3n) p:51-Sb-122g 52-Te-125
Radionuclide Production Cross Section to 9999. %

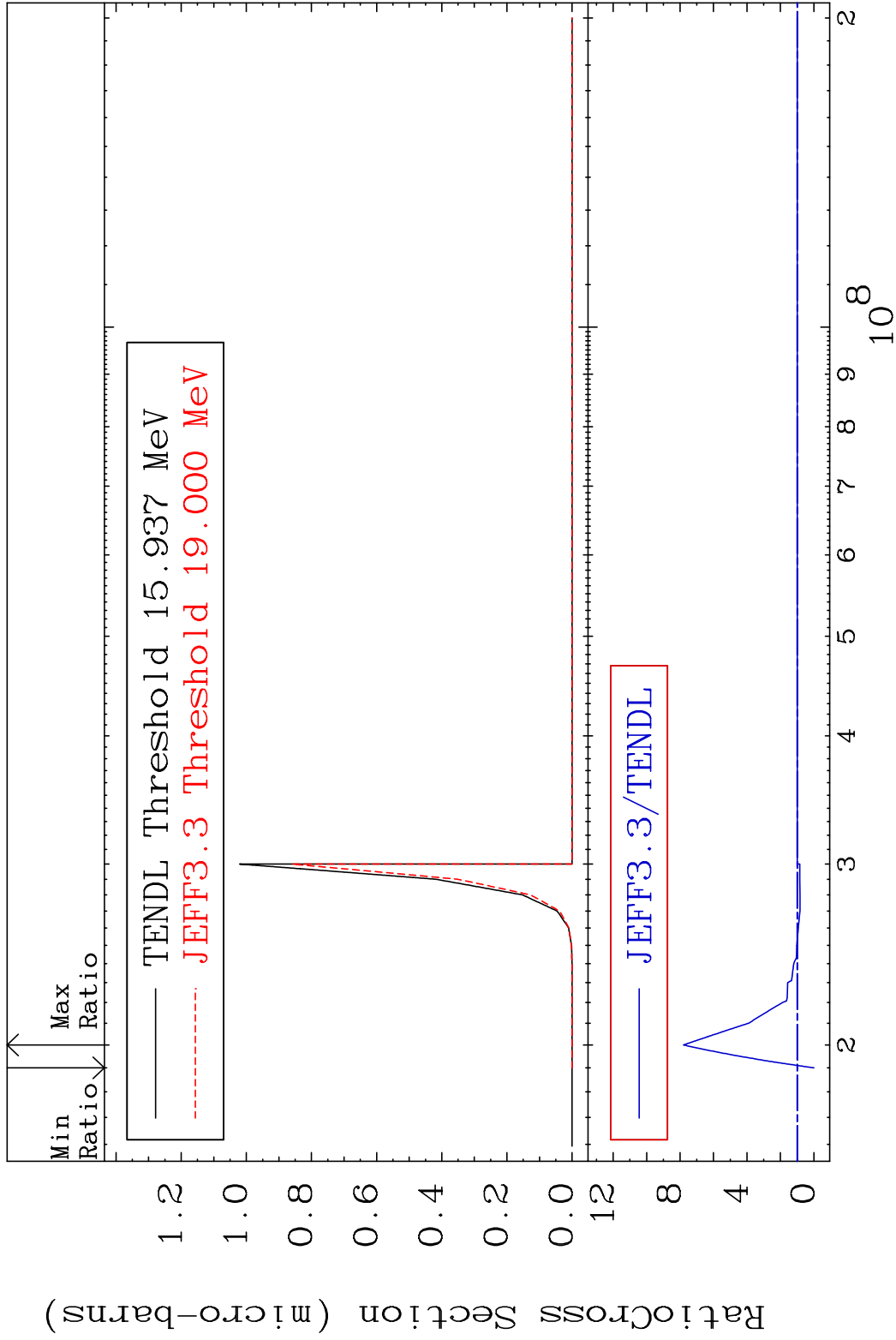


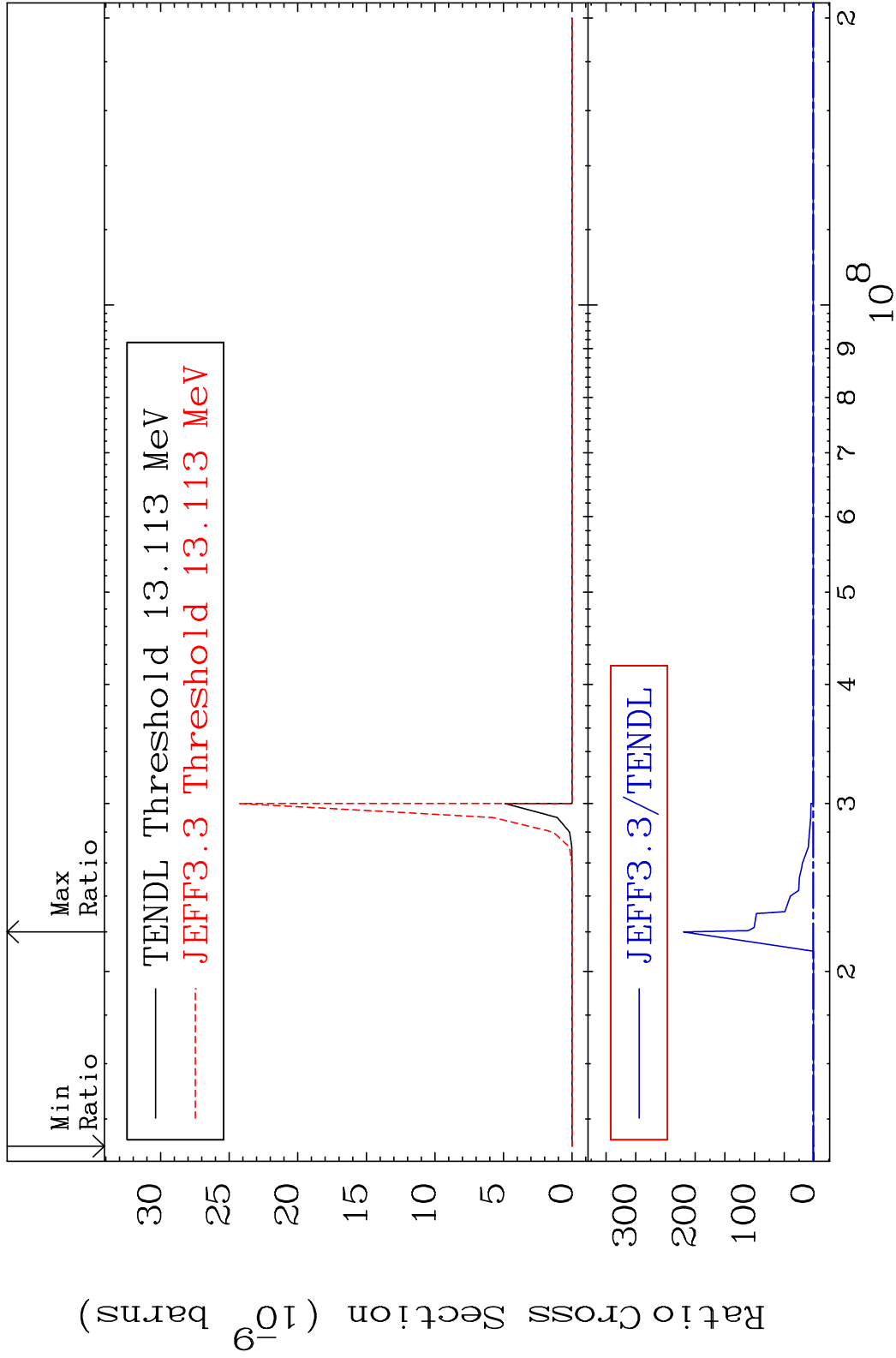
MAT 5240 (n,3n) p:51-Sb-122m5 52-Te-125
 Radionuclide Production Cross Section 10000 d to 9999. %



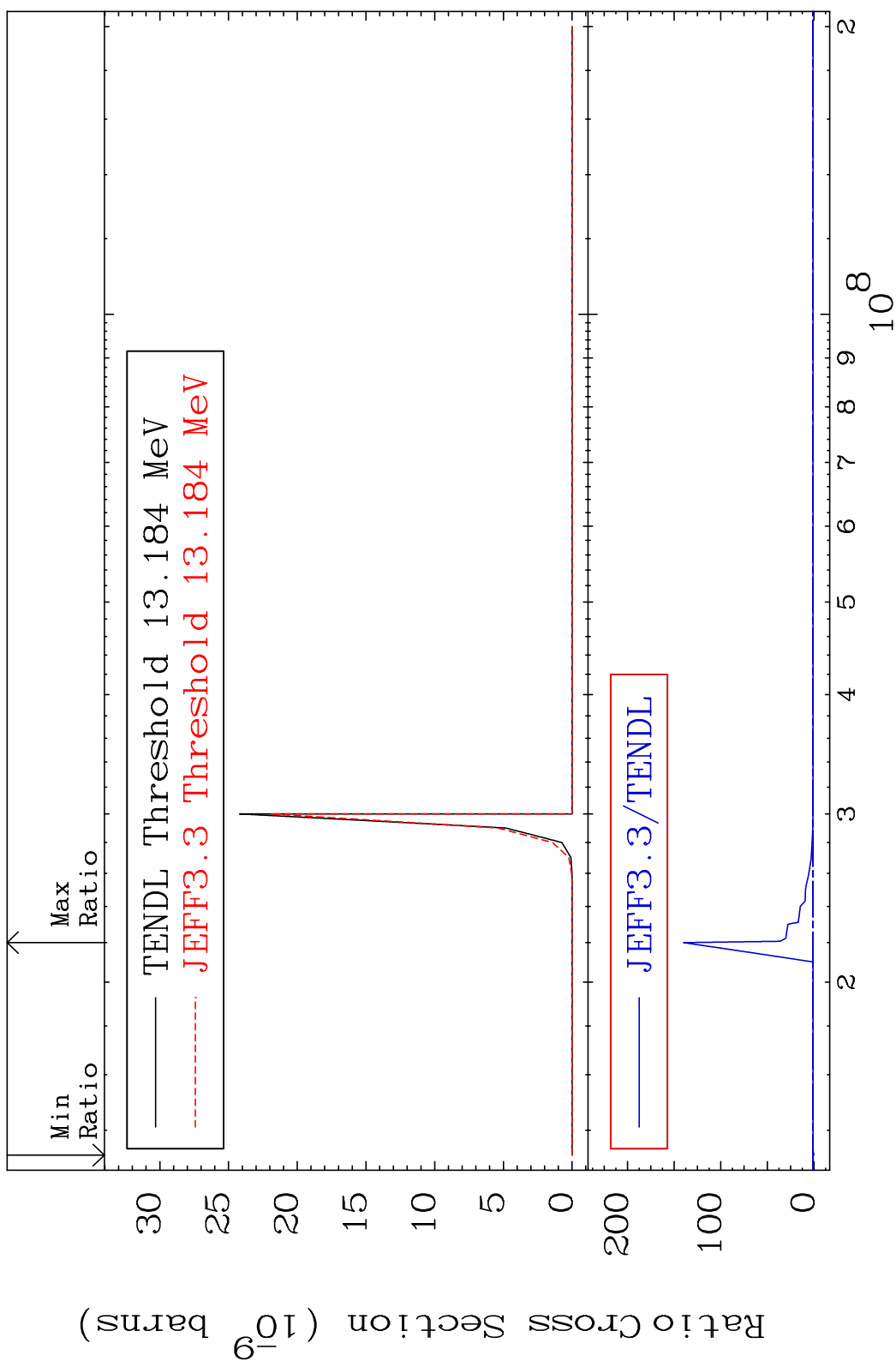
MAT 5240 (n,2n) p:50-Sn-123g 52-Te-125
 Radionuclide Production Cross Section 99.611 dth 506.4 %

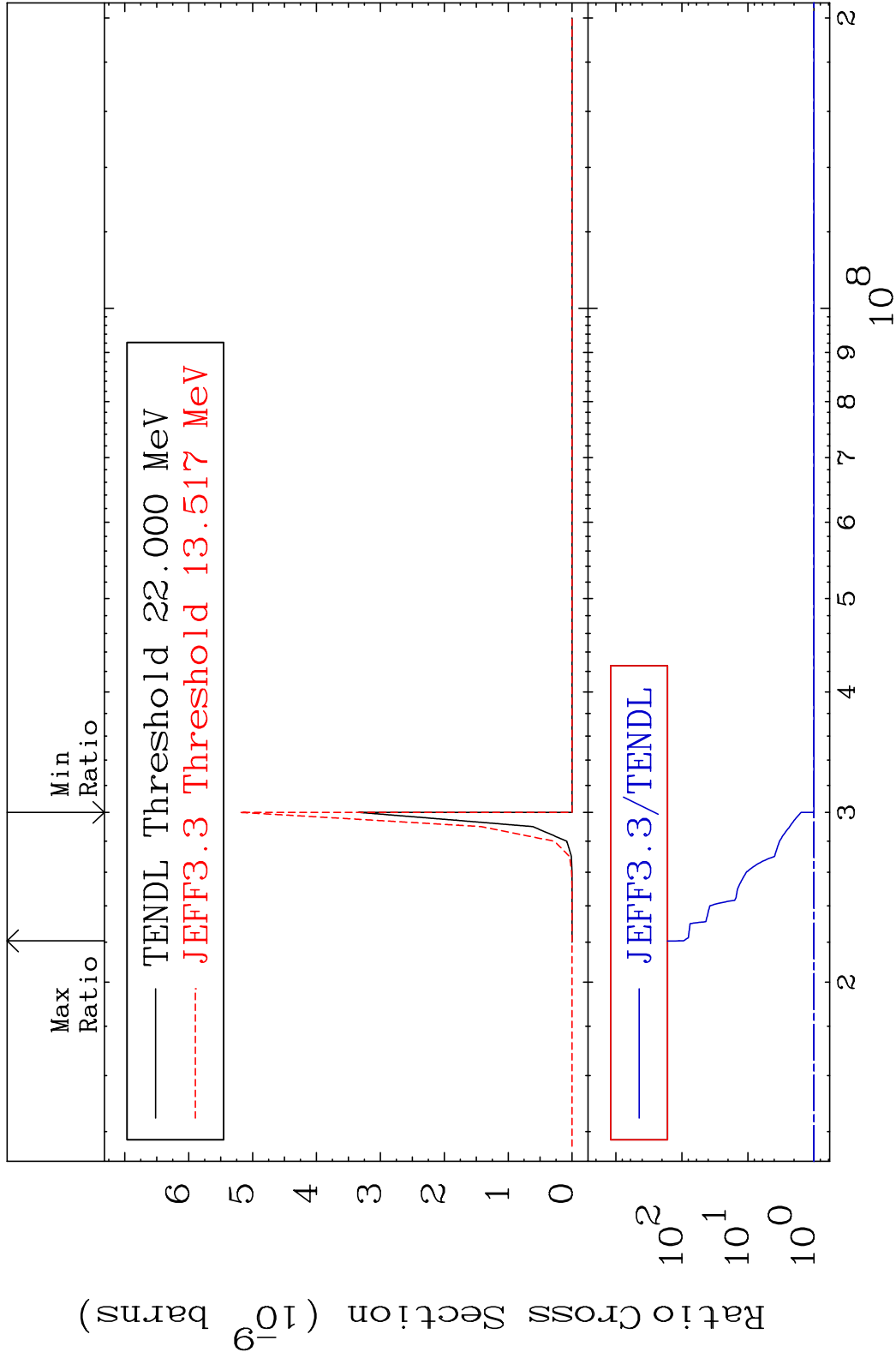




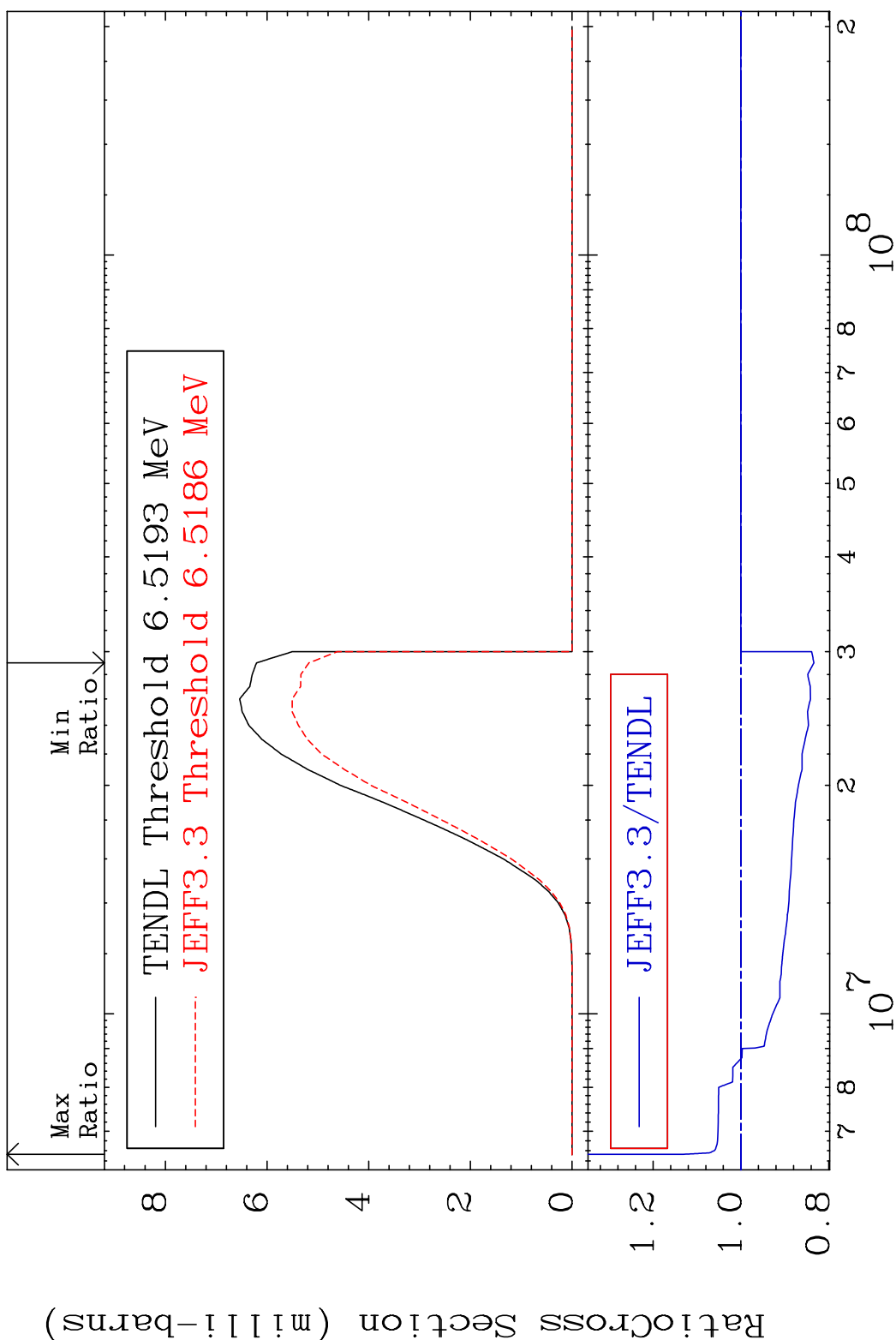


MAT 5240 (n, n') p α :49-In-120m1 52-Te-125
 Radionuclide Production Cross Section to 9999. %



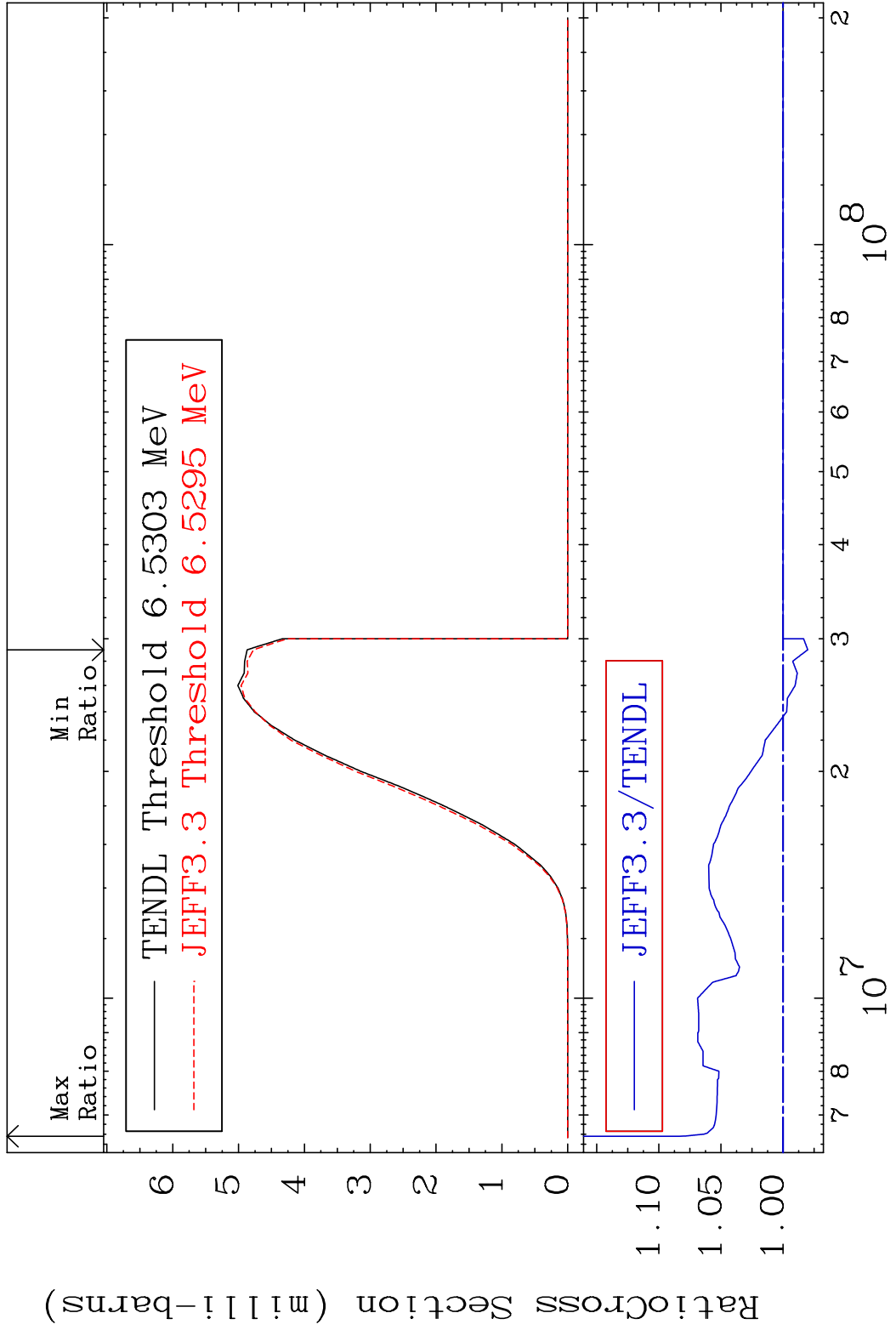


MAT 5240 (n,d):51-Sb-124g 52-Te-125
 Radionuclide Production Cross Section 13.08 %

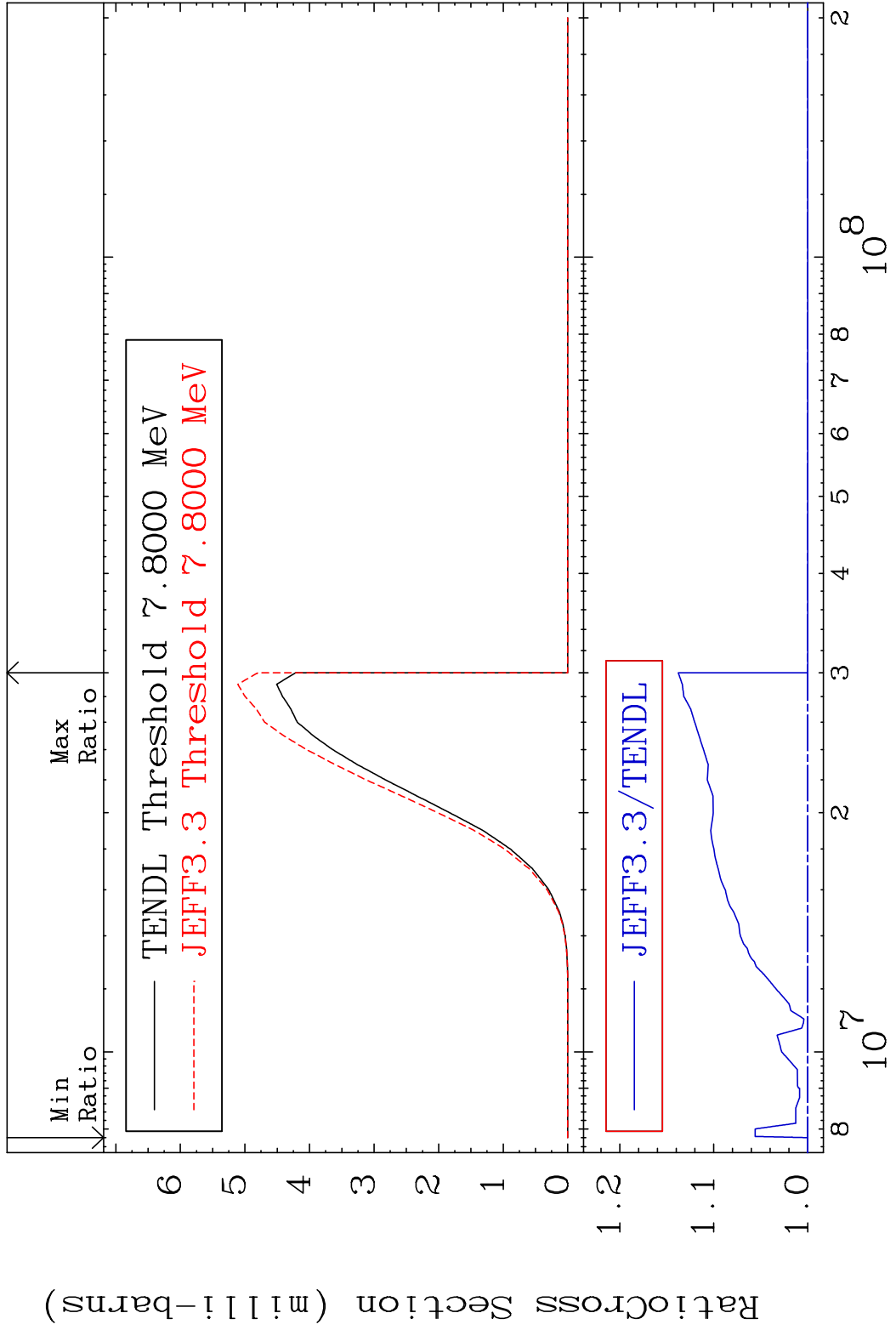


88 52-Te-125

MAT 5240 (n, d):51-Sb-124m1 52-Te-125
 Radionuclide Production Cross Section 8.437 %

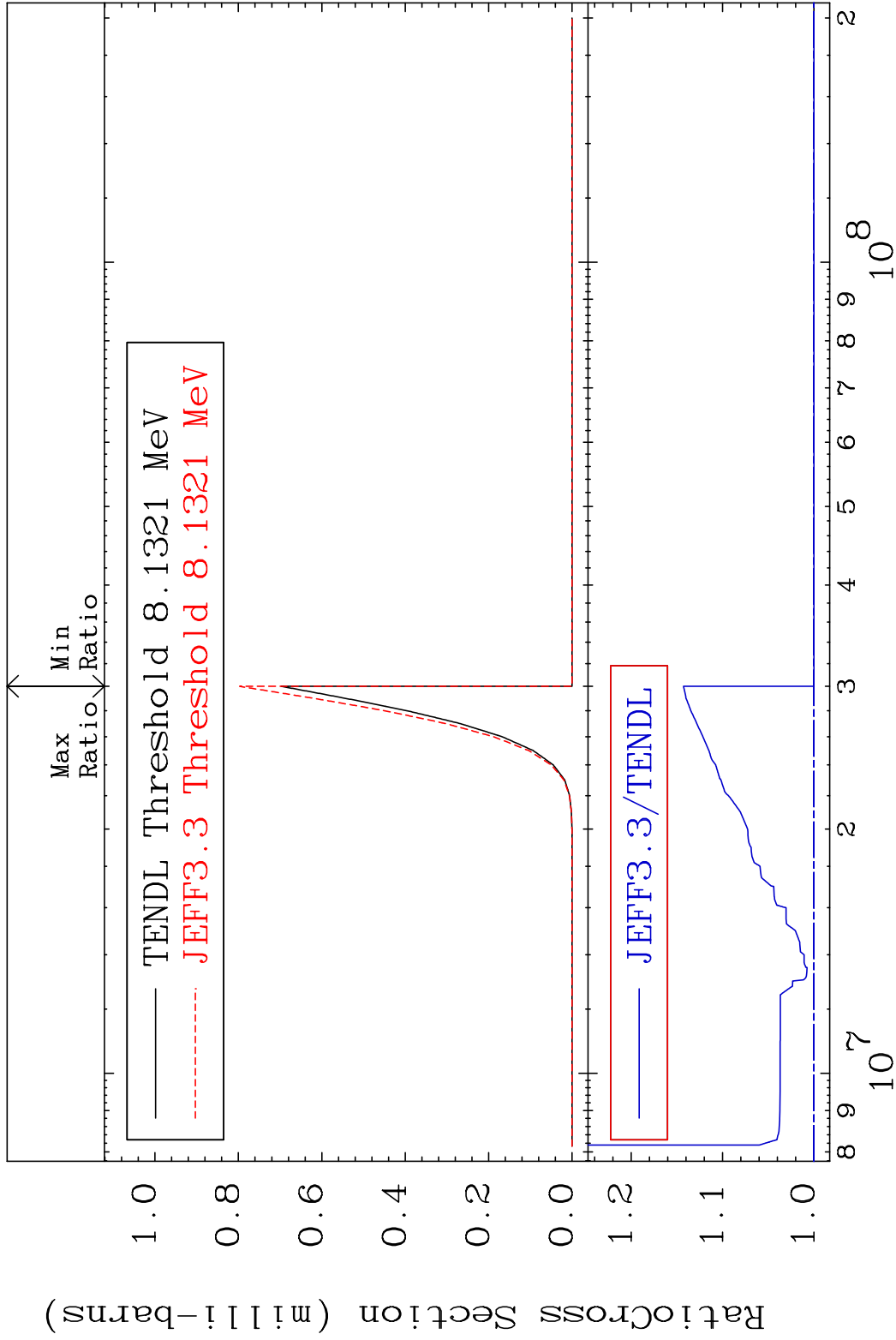


MAT 5240 (n,d):51-Sb-124m2 52-Te-125
 Radionuclide Production Cross Section 13.77 %



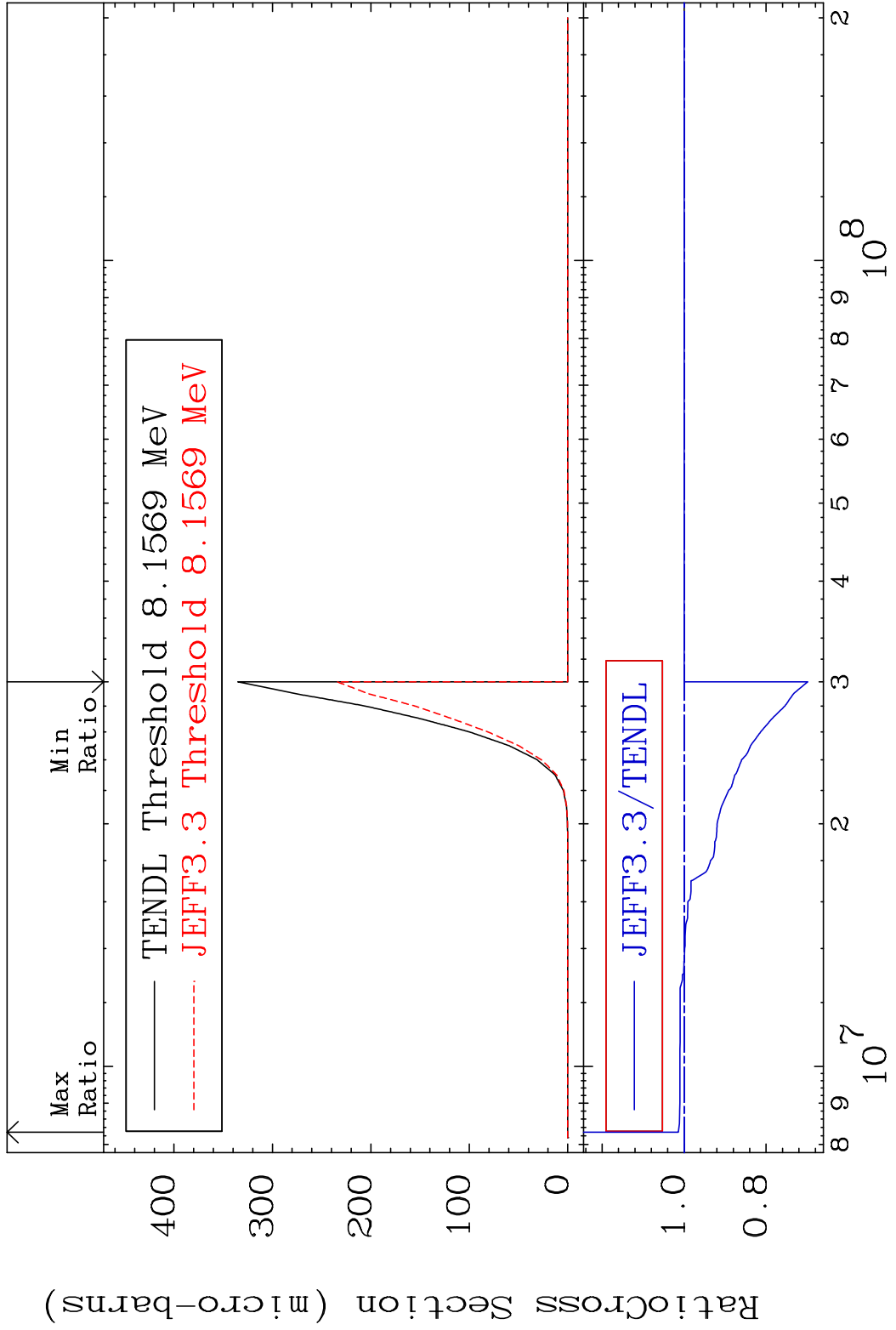
90 Incident Energy (eV) 52-Te-125

MAT 5240 (n, He-3) : 50-Sn-123g 52-Te-125
 Radionuclide Production Cross Section 14.28 %

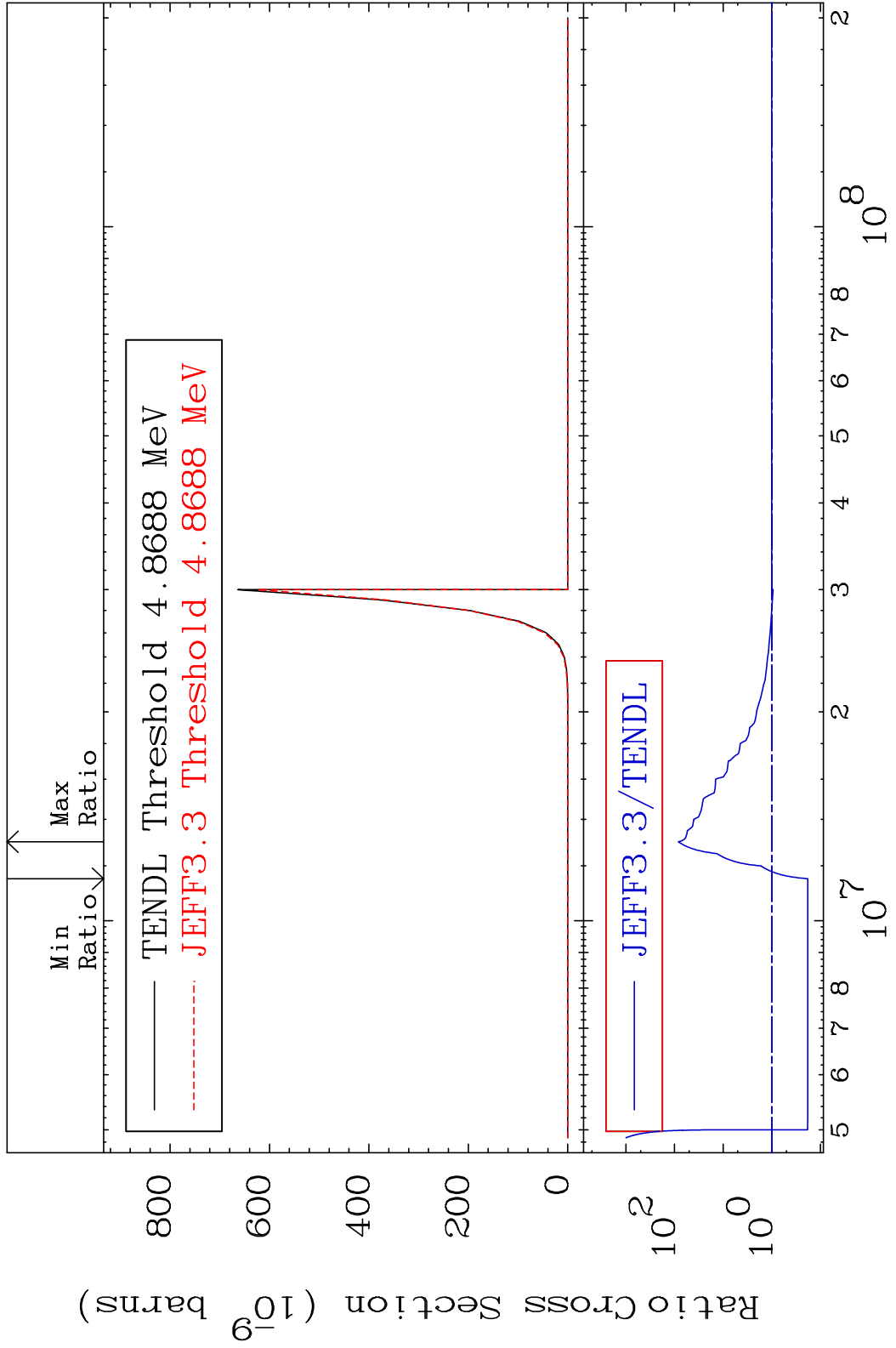


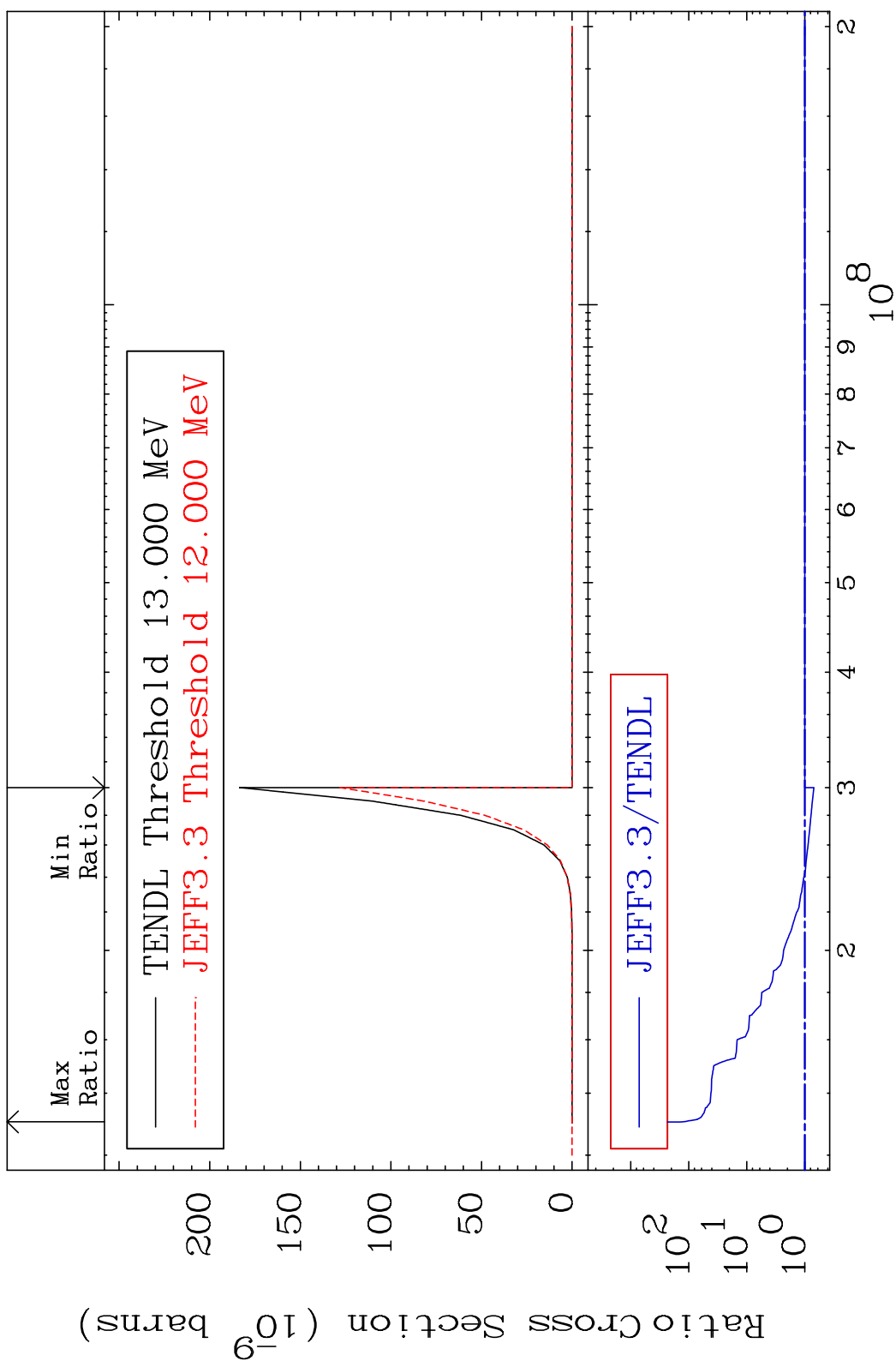
91 Incident Energy (eV) 52-Te-125

MAT 5240 (n,He-3):50-Sn-123m1 52-Te-125
 Radionuclide Production Cross Section 3.3e+01 dpo 1.434 %

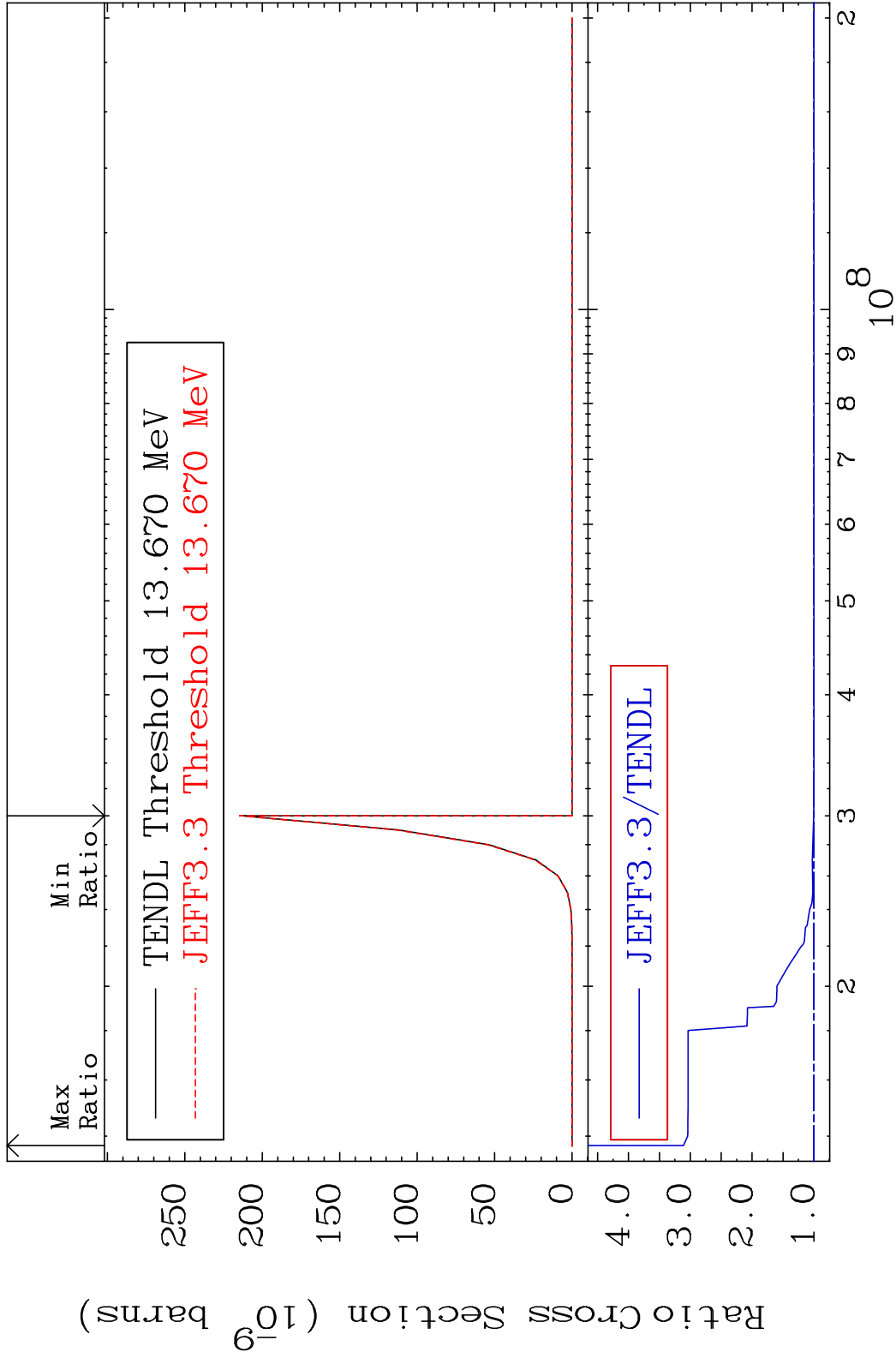


92 Incident Energy (eV) 52-Te-125

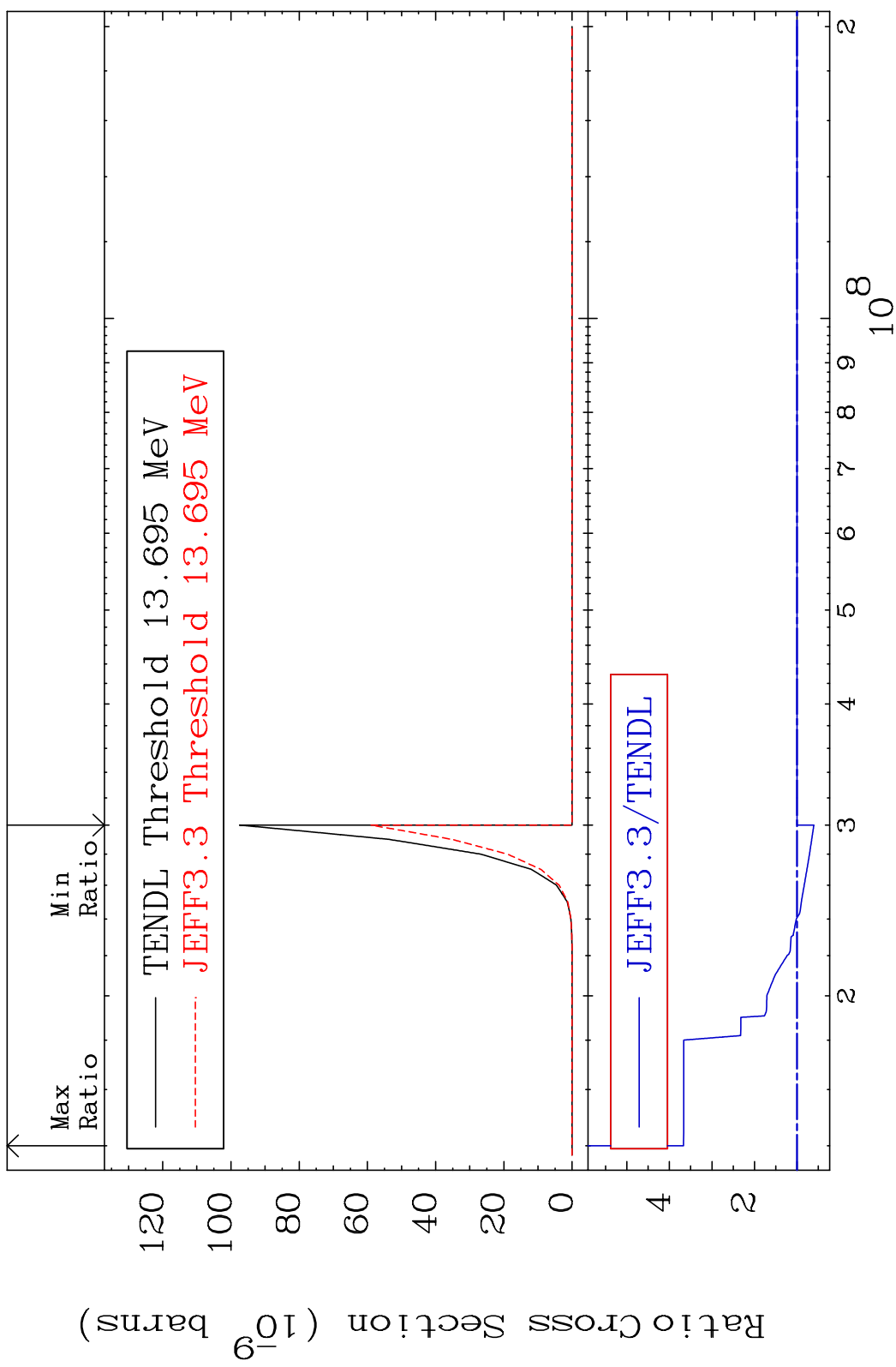




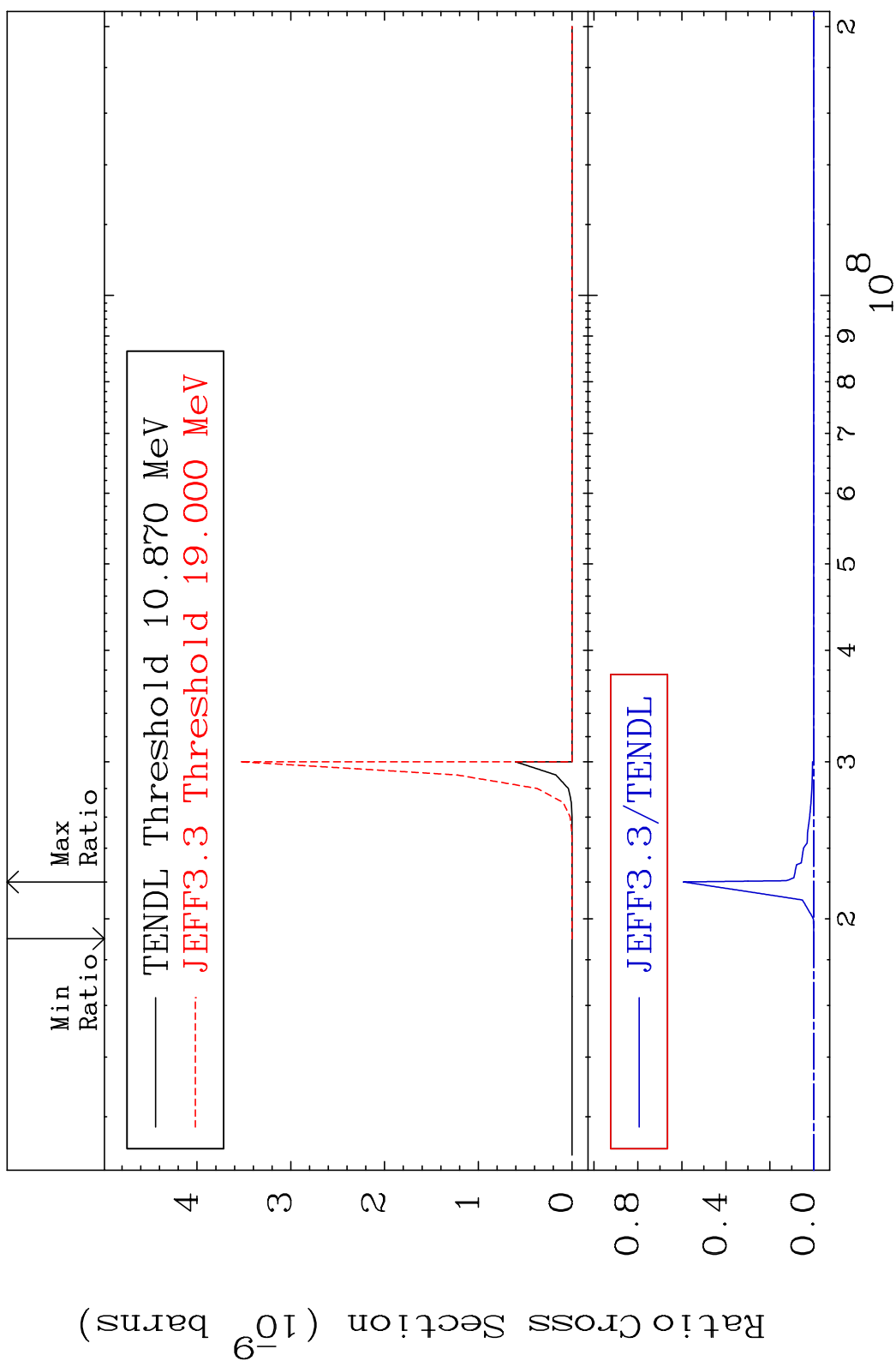
MAT 5240 (n,p) d:50-Sn-123g 52-Te-125
 Radionuclide Production Cross Section 211.1 %



MAT 5240 (n, p) d:50-Sn-123m1 52-Te-125
 Radionuclide Production Cross Section 33e4Bi d10 266.9 %



MAT 5240 (n, d) α : 49-In-120g 52-Te-125
 Radionuclide Production Cross Section 18000 dth 9999. %



MAT 5240 (n, d) α : 49-In-120m1 52-Te-125
 Radionuclide Production Cross Section 10000 d to 9999. %

