

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

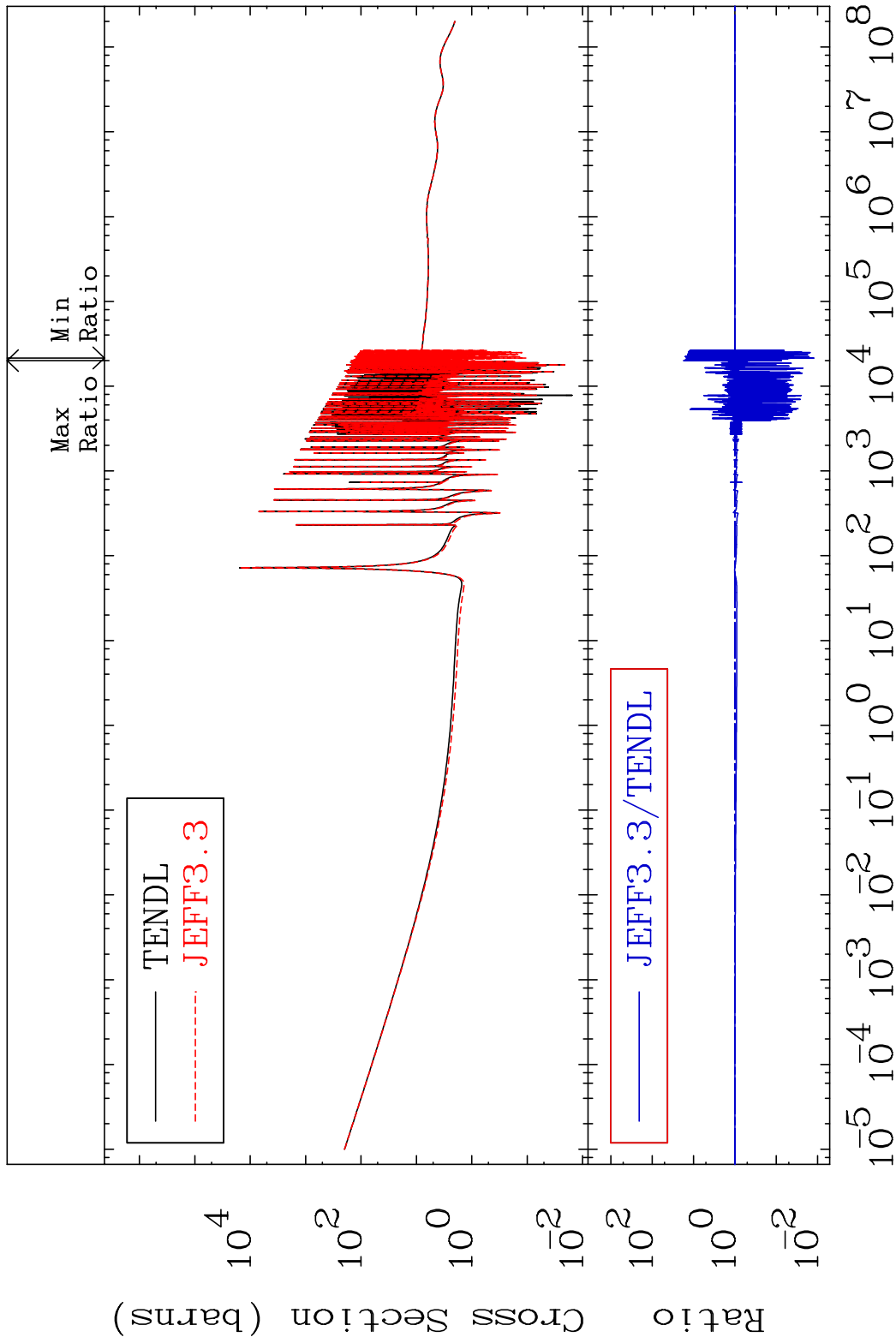
MAT 5231

Total

52-Te-122

Cross Section

-98.77 To 1648. %

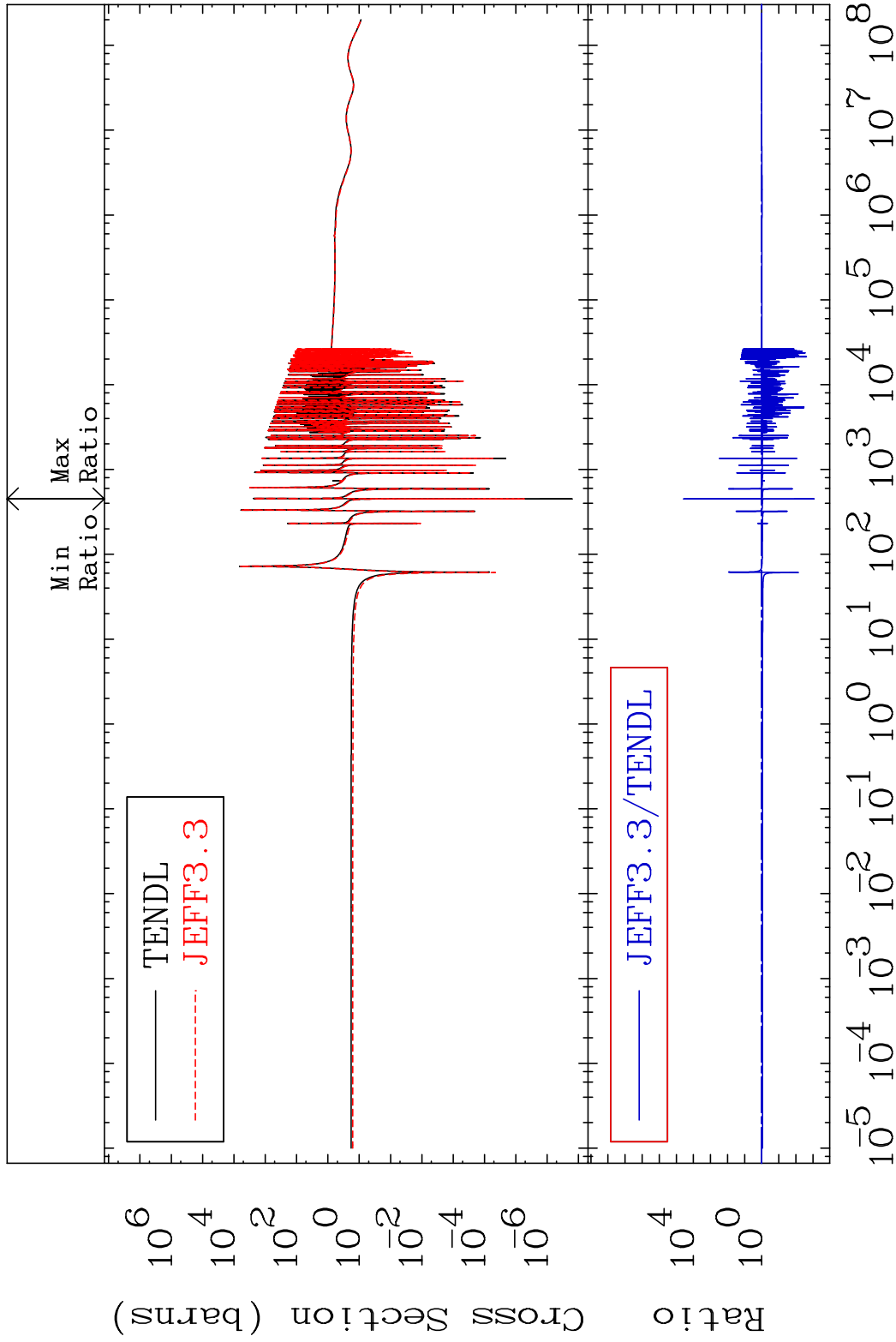


MAT 5231

Elastic

52-Te-122

Cross Section -99.91 To 9999. %

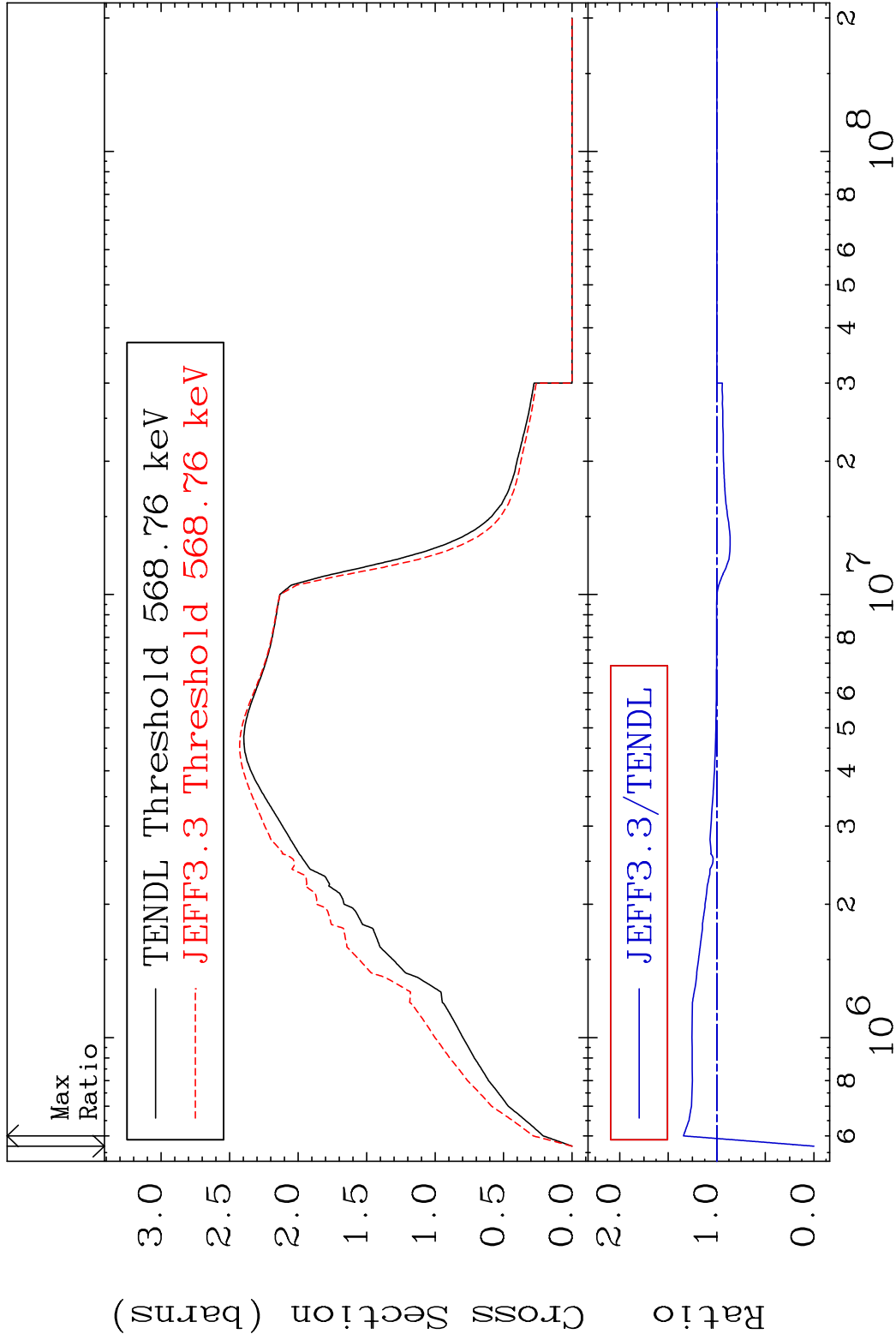


2

Incident Energy (eV)

52-Te-122

MAT 5231 Inelastic 52-Te-122
 Cross Section -100.0 To 34.30 %



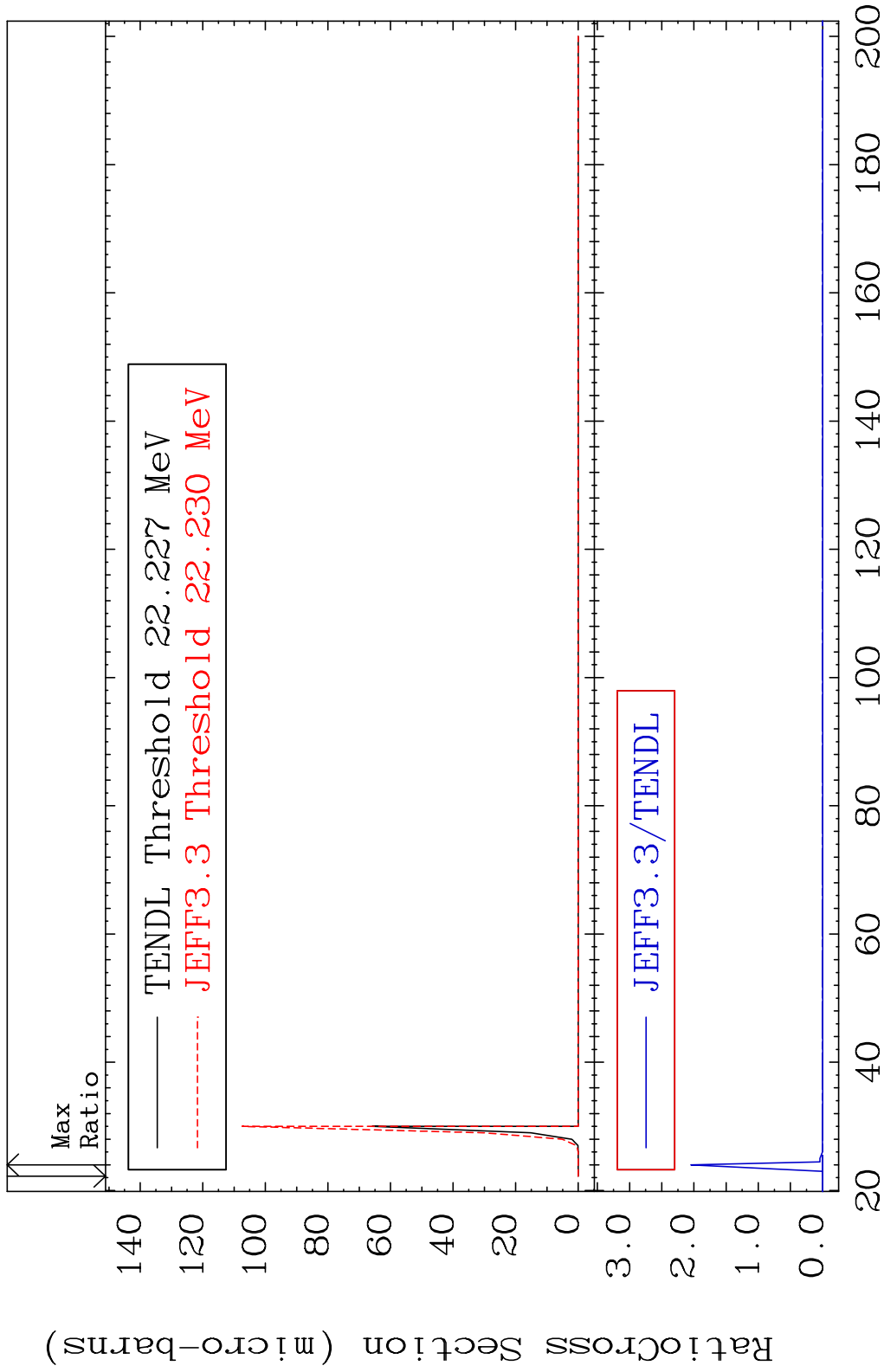
3 Incident Energy (eV) 52-Te-122

MAT 5231

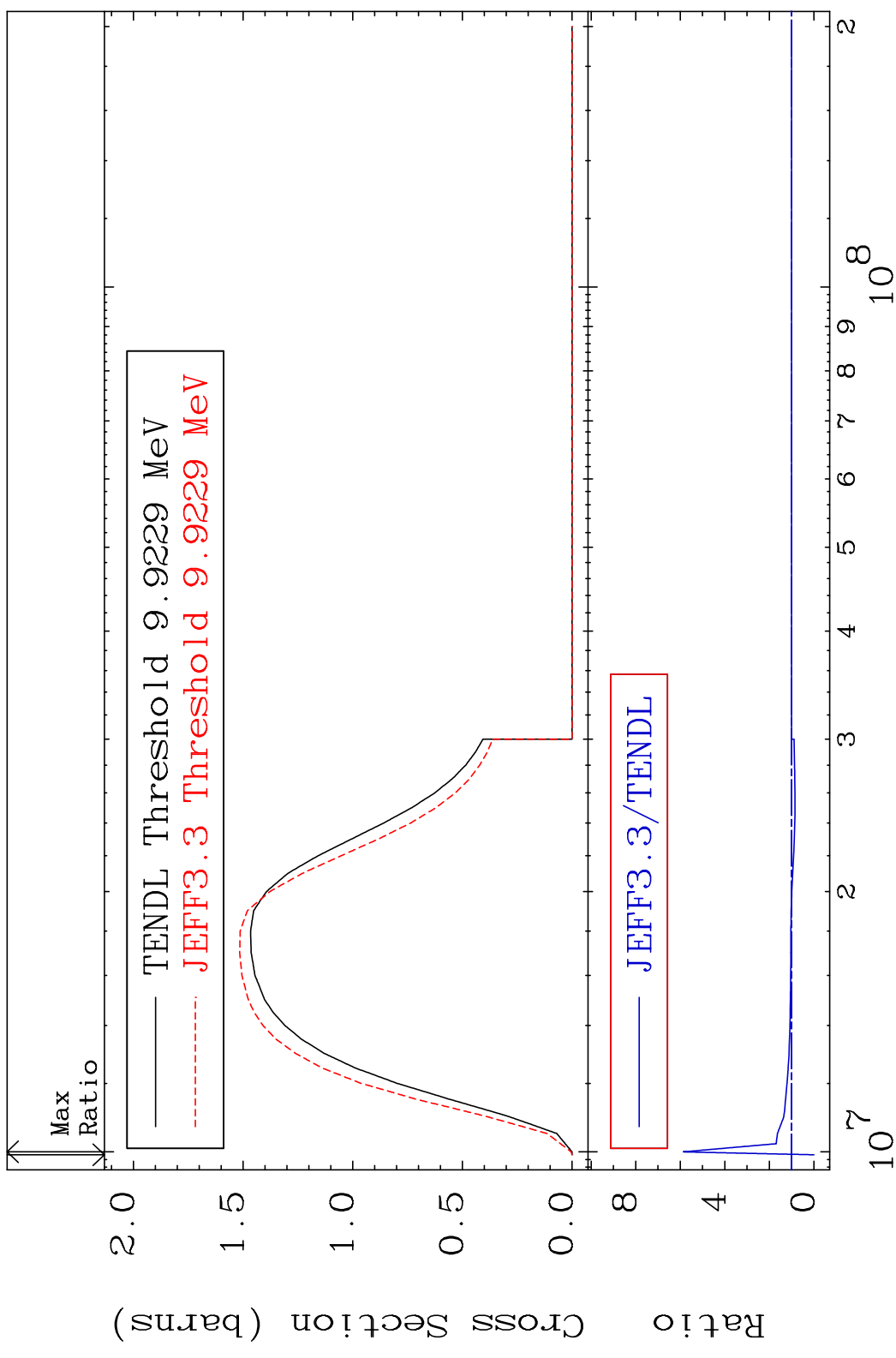
(n, 2n) d

52-Te-122

Cross Section -100.0 To 9999. %

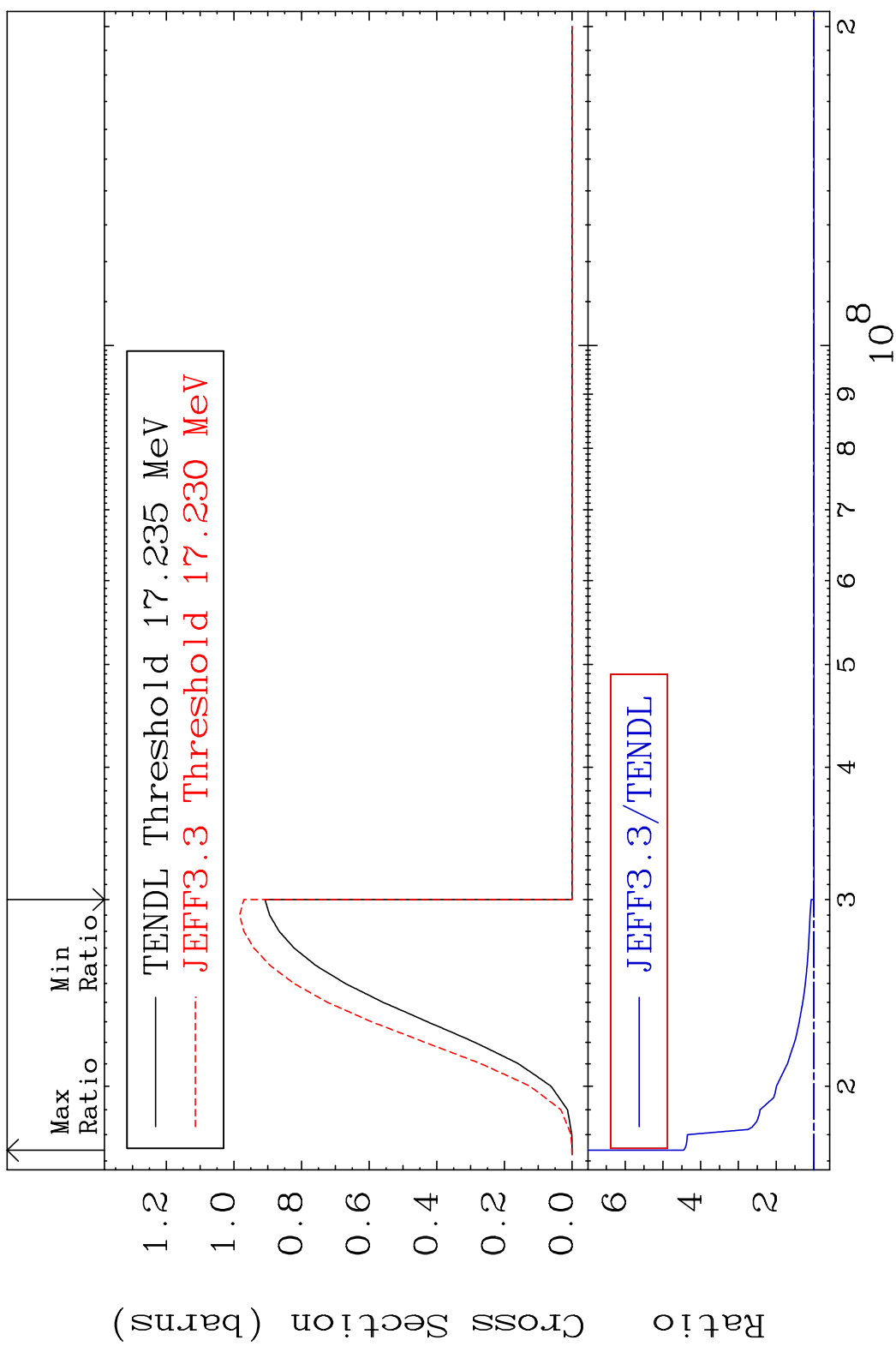


MAT 5231 (n,2n) 52-Te-122
 Cross Section -100.0 To 485.7 %

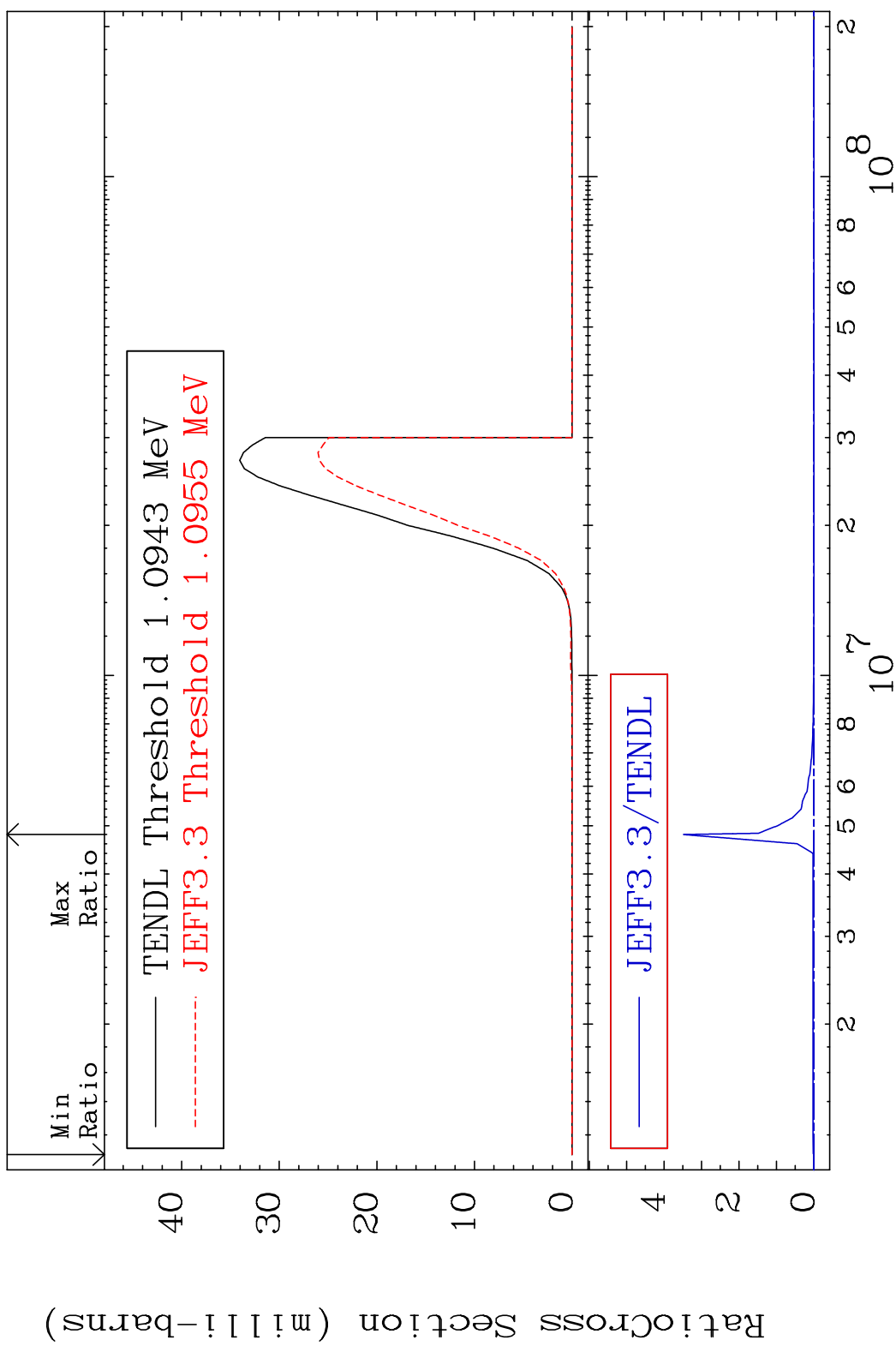


5 52-Te-122

MAT 5231 (n,3n) 52-Te-122
 Cross Section 0.000 To 345.6 %

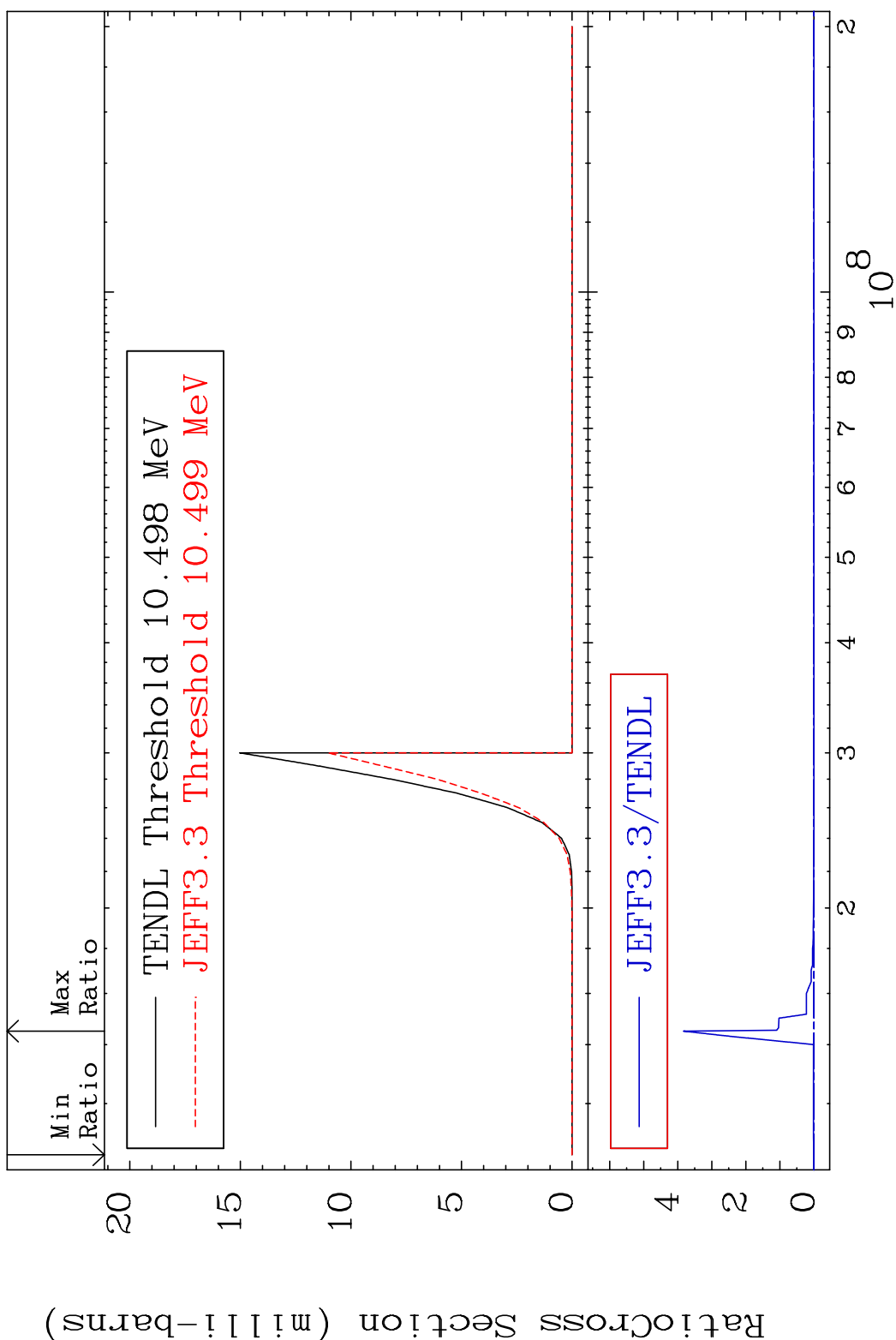


MAT 5231 (n, n') α 52-Te-122
 Cross Section -100.0 To 9999. %



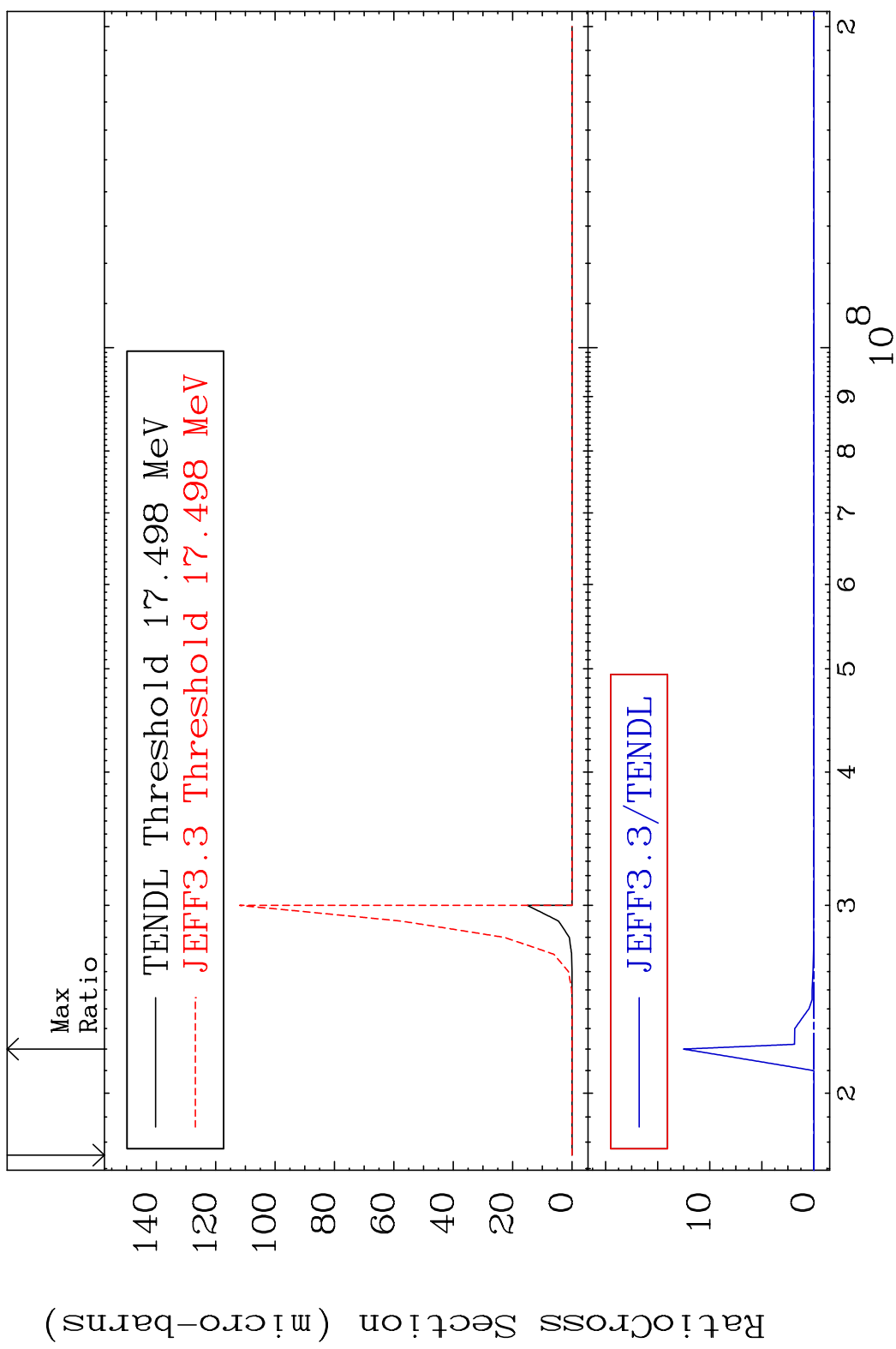
7 Incident Energy (eV) 52-Te-122

MAT 5231 (n,2n) α 52-Te-122
 Cross Section -100.0 To 9999. %

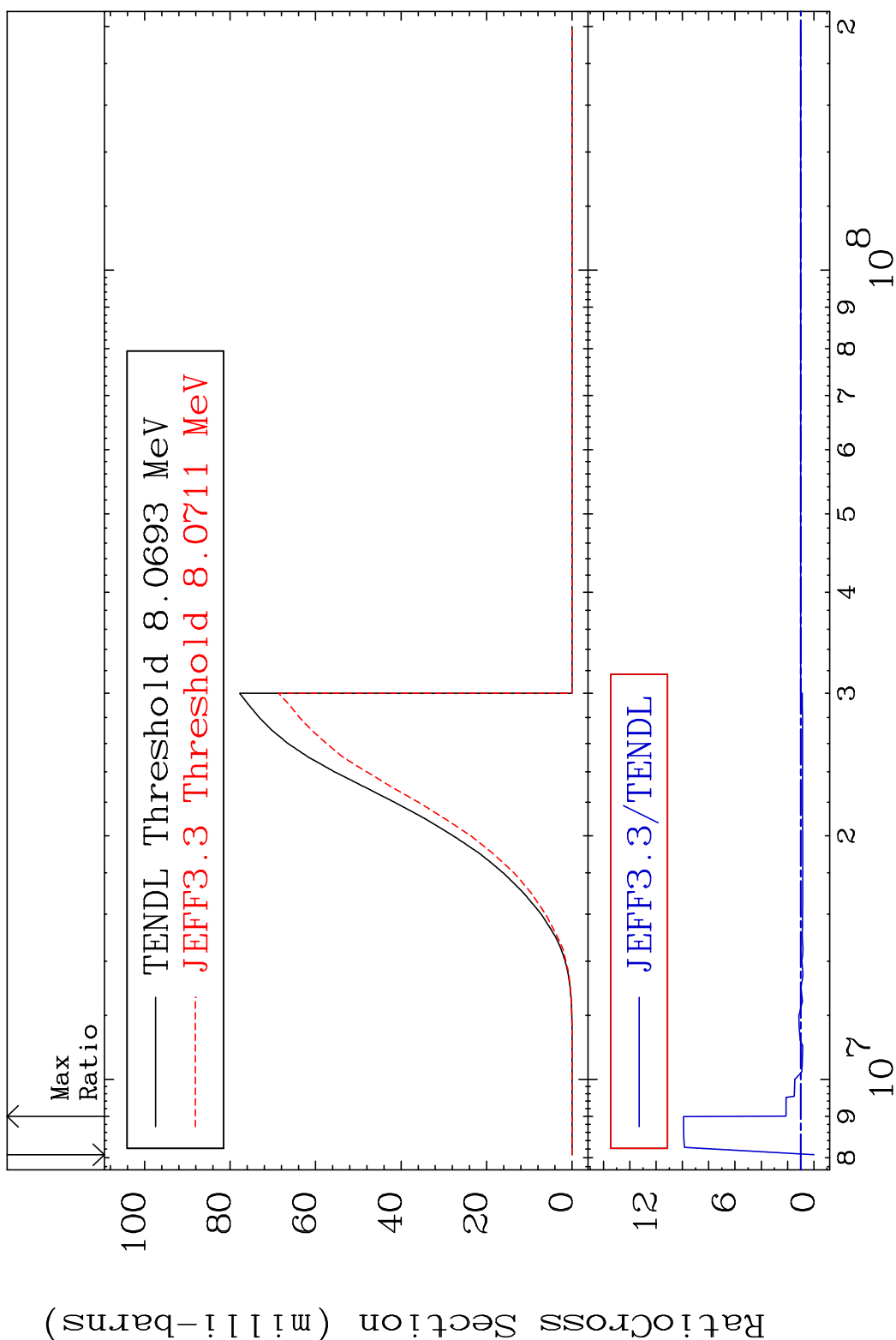


8 Incident Energy (eV) 52-Te-122

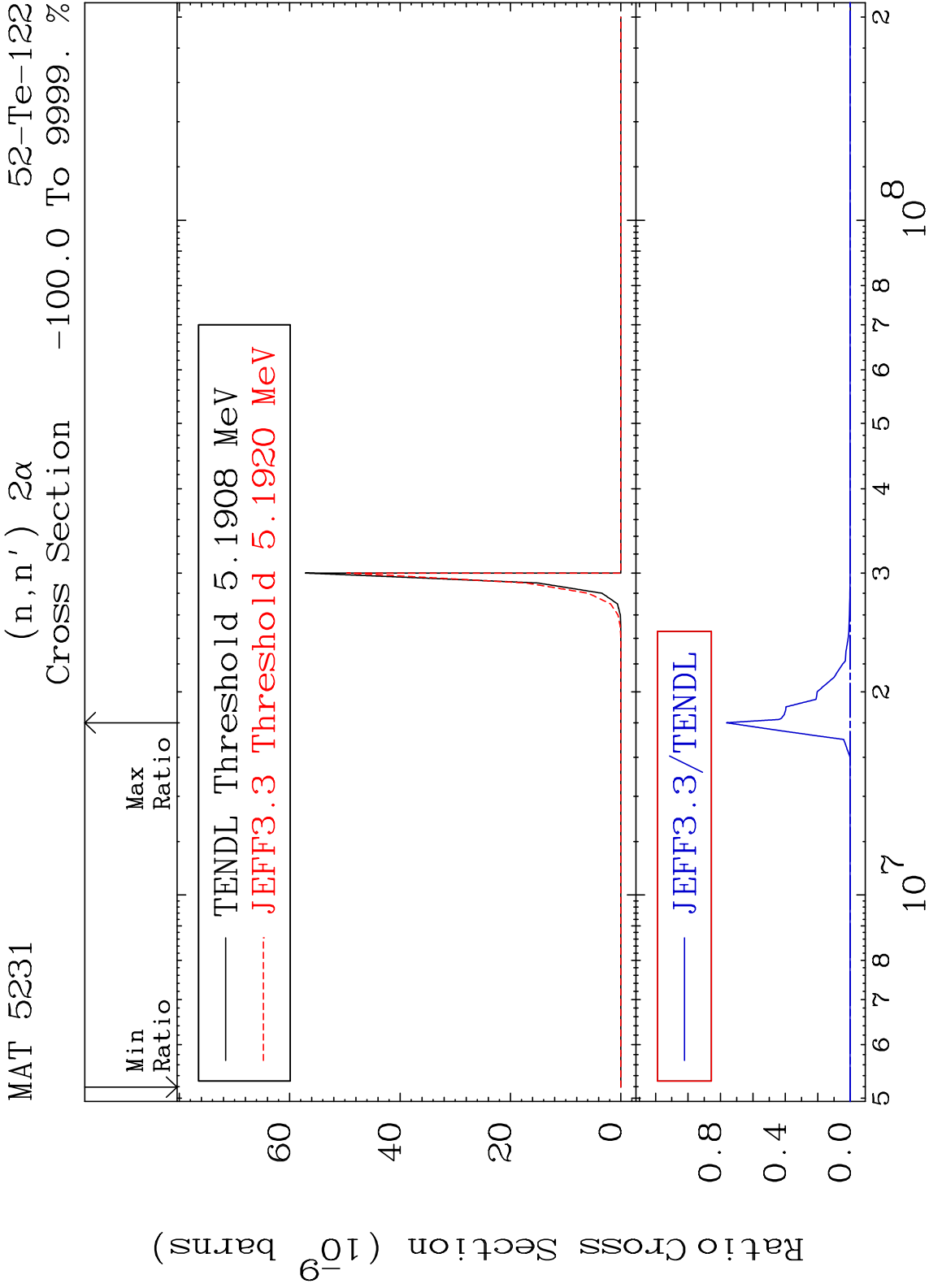
MAT 5231 (n,3n) α 52-Te-122
 Cross Section -100.0 To 9999. %



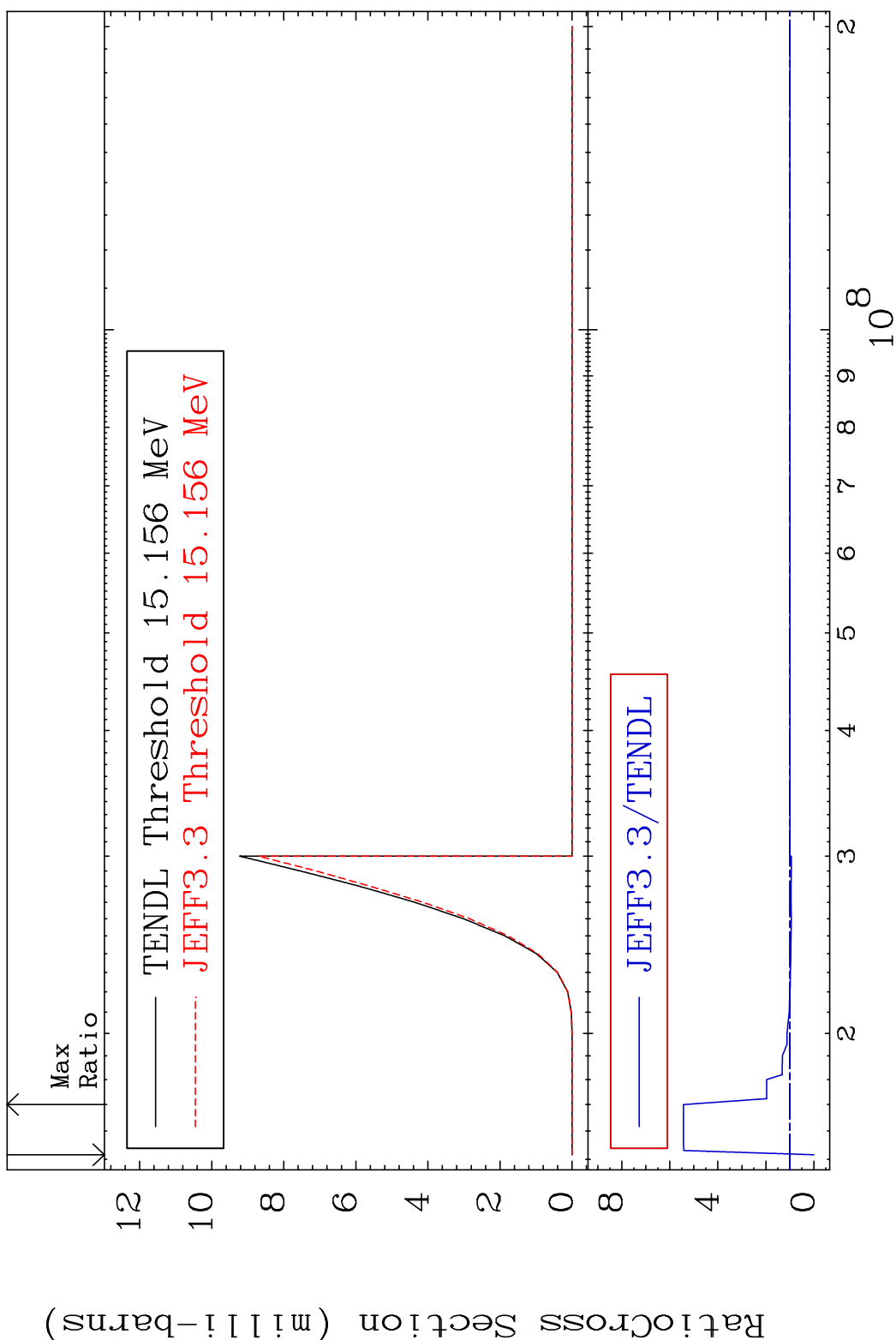
MAT 5231 (n, n') p 52-Te-122
 Cross Section -100.0 To 892.0 %



10 Incident Energy (eV) 52-Te-122

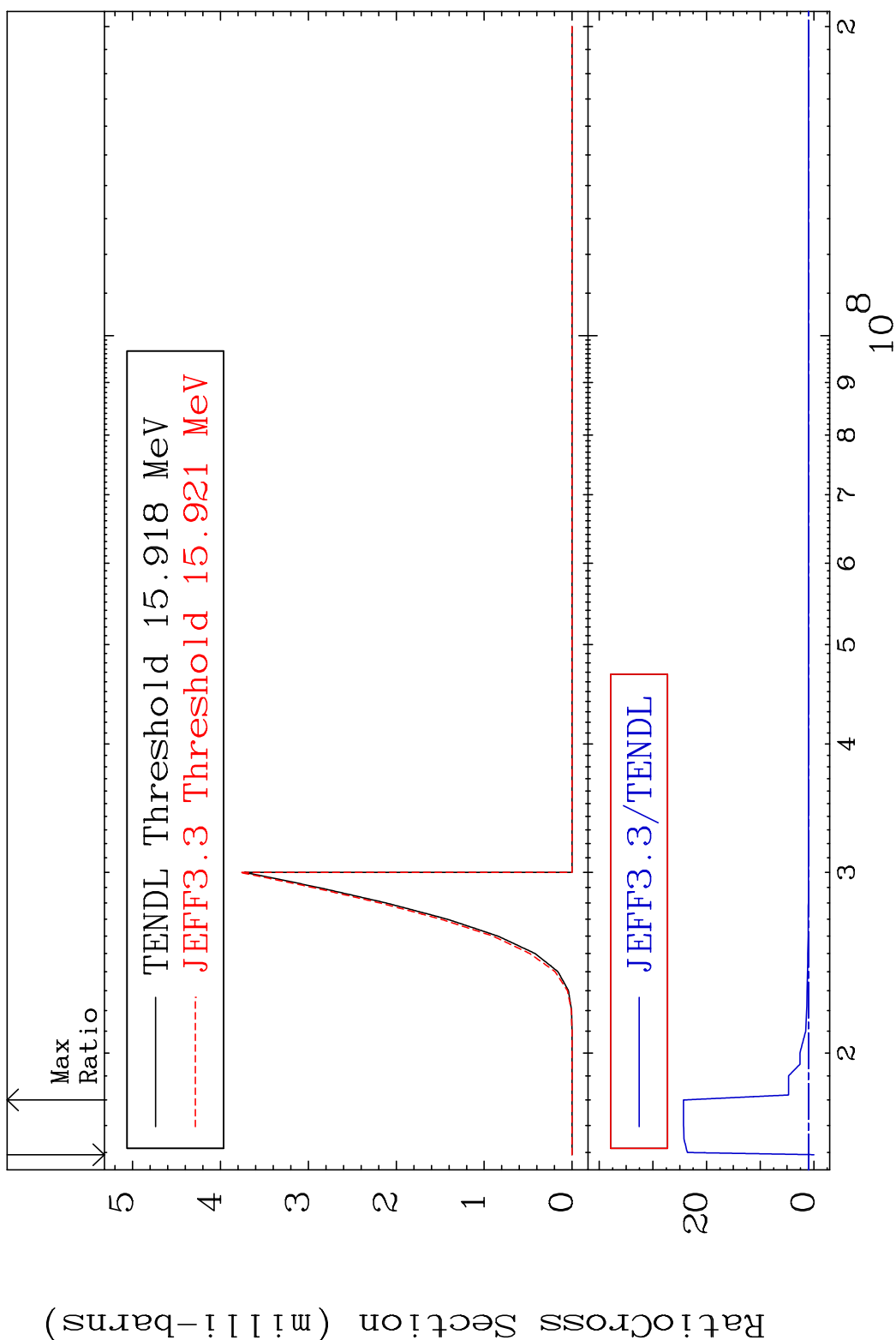


MAT 5231 (n, n') d 52-Te-122
 Cross Section -100.0 To 443.3 %

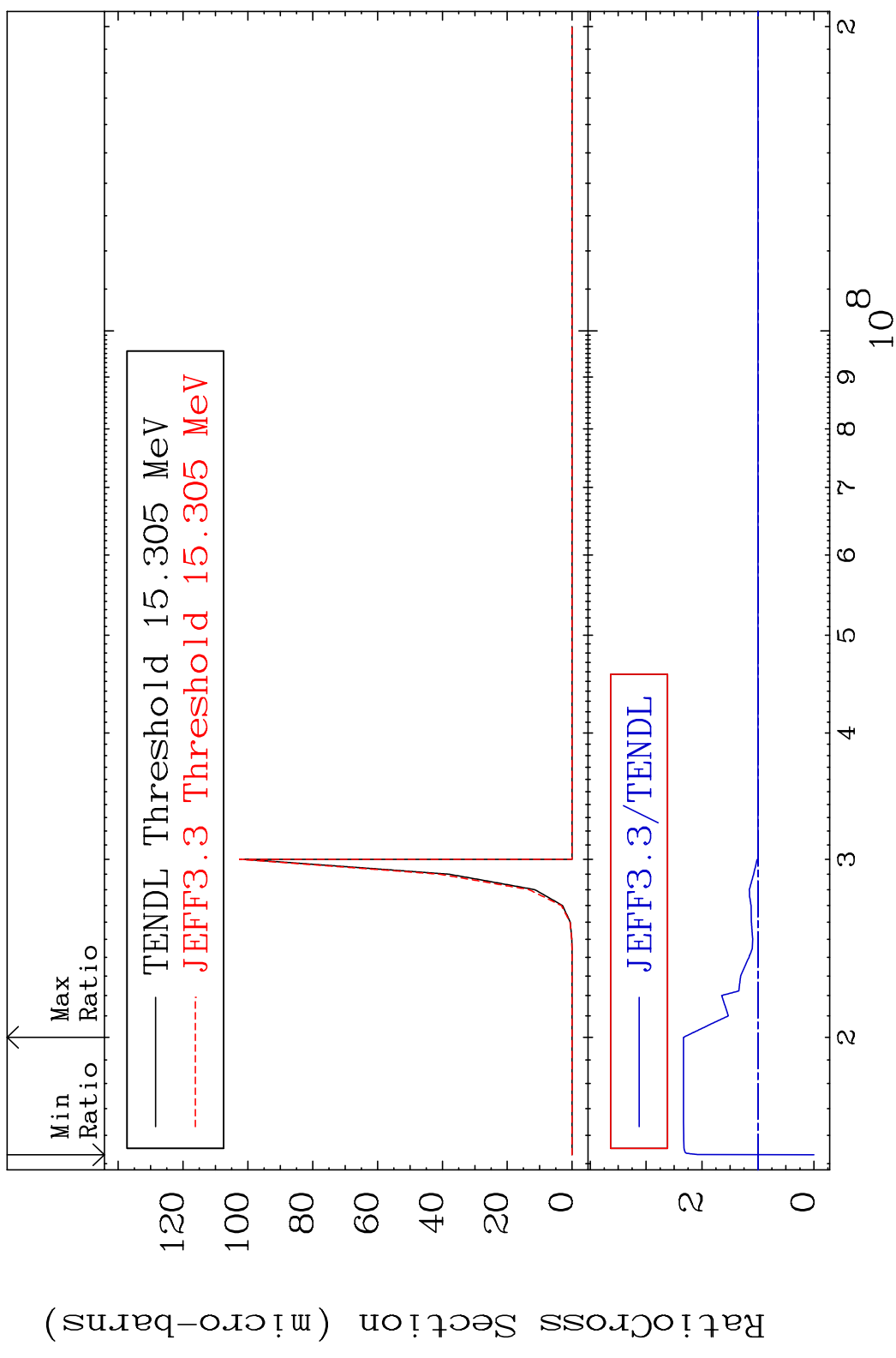


12 52-Te-122

MAT 5231 (n, n') t 52-Te-122
 Cross Section -100.0 To 2331. %

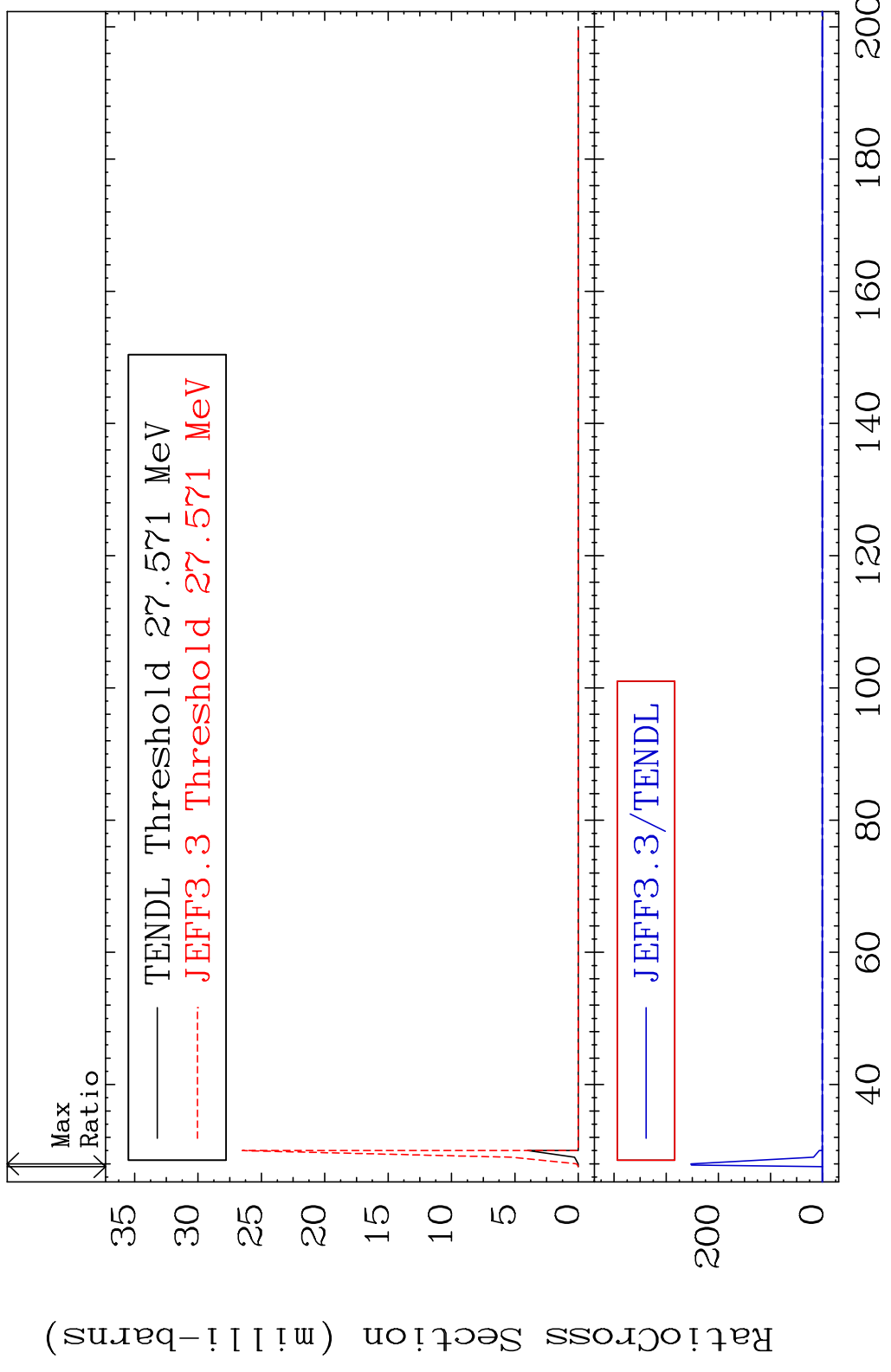


MAT 5231 (n, n') He-3 52-Te-122
 Cross Section -100.0 To 133.2 %



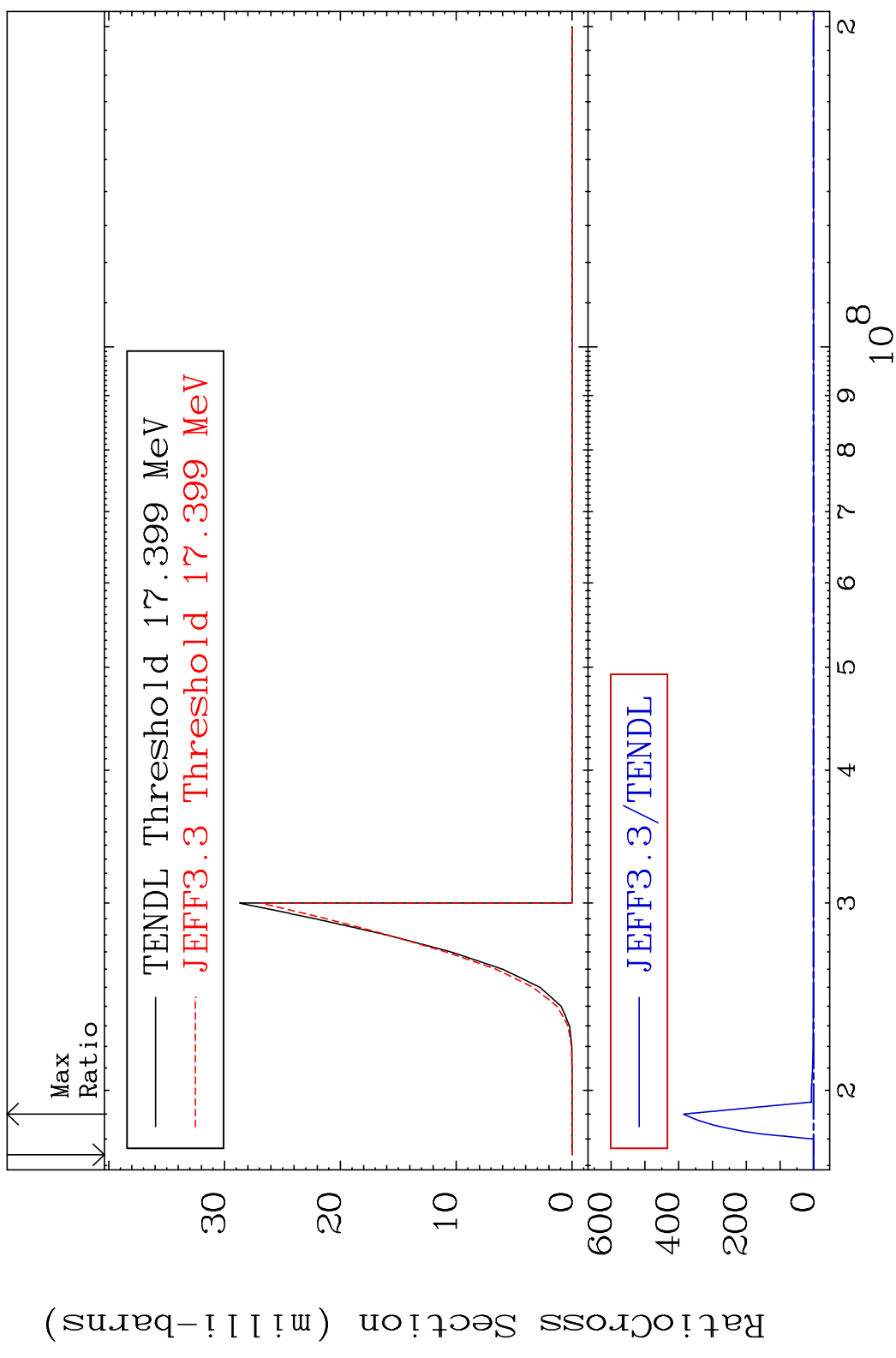
14 Incident Energy (eV) 52-Te-122

MAT 5231 (n,4n) 52-Te-122
 Cross Section -100.0 To 9999. %



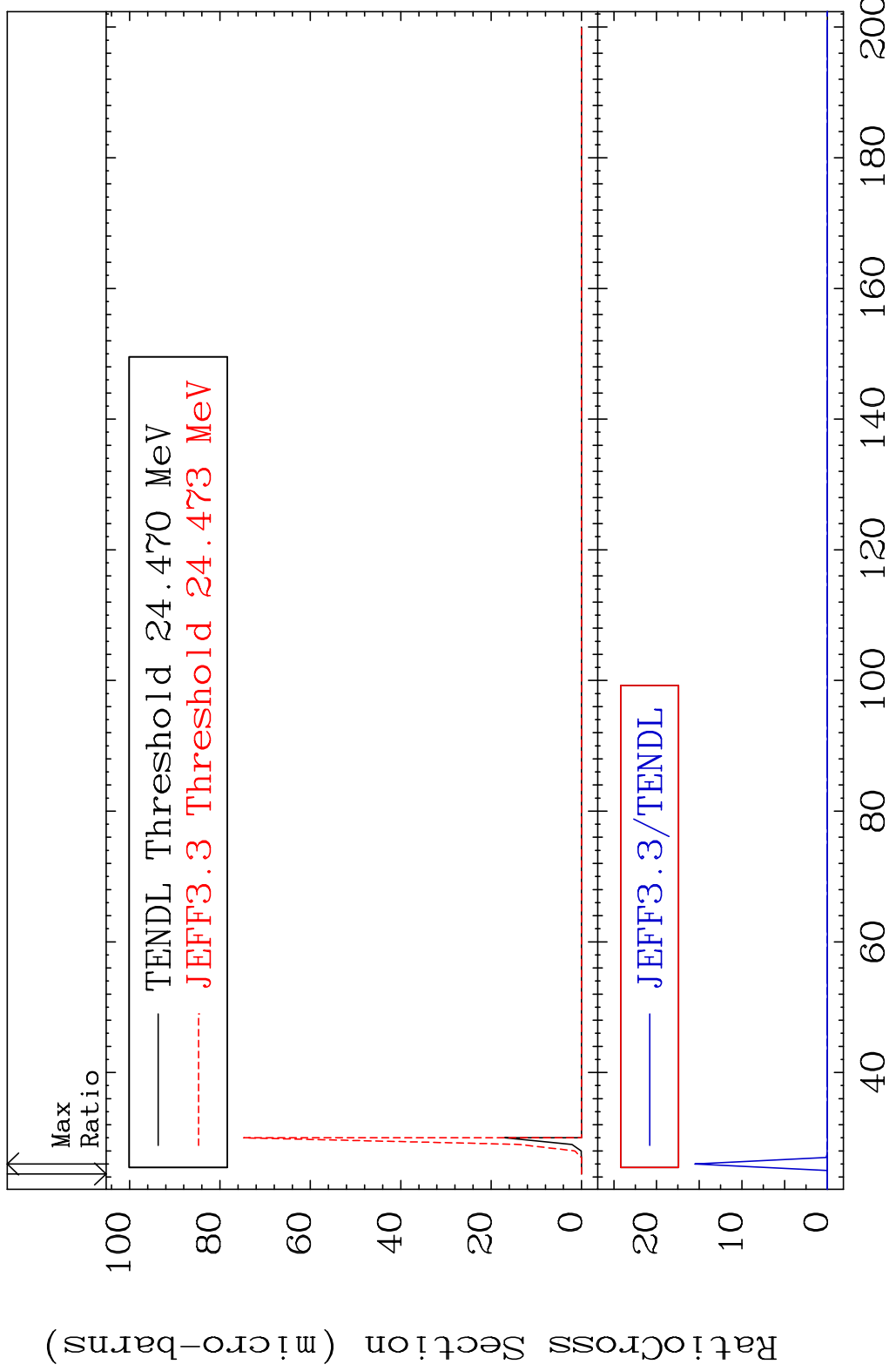
15 Incident Energy (MeV) 52-Te-122

MAT 5231 (n,2n) p 52-Te-122
 Cross Section -100.0 To 9999. %

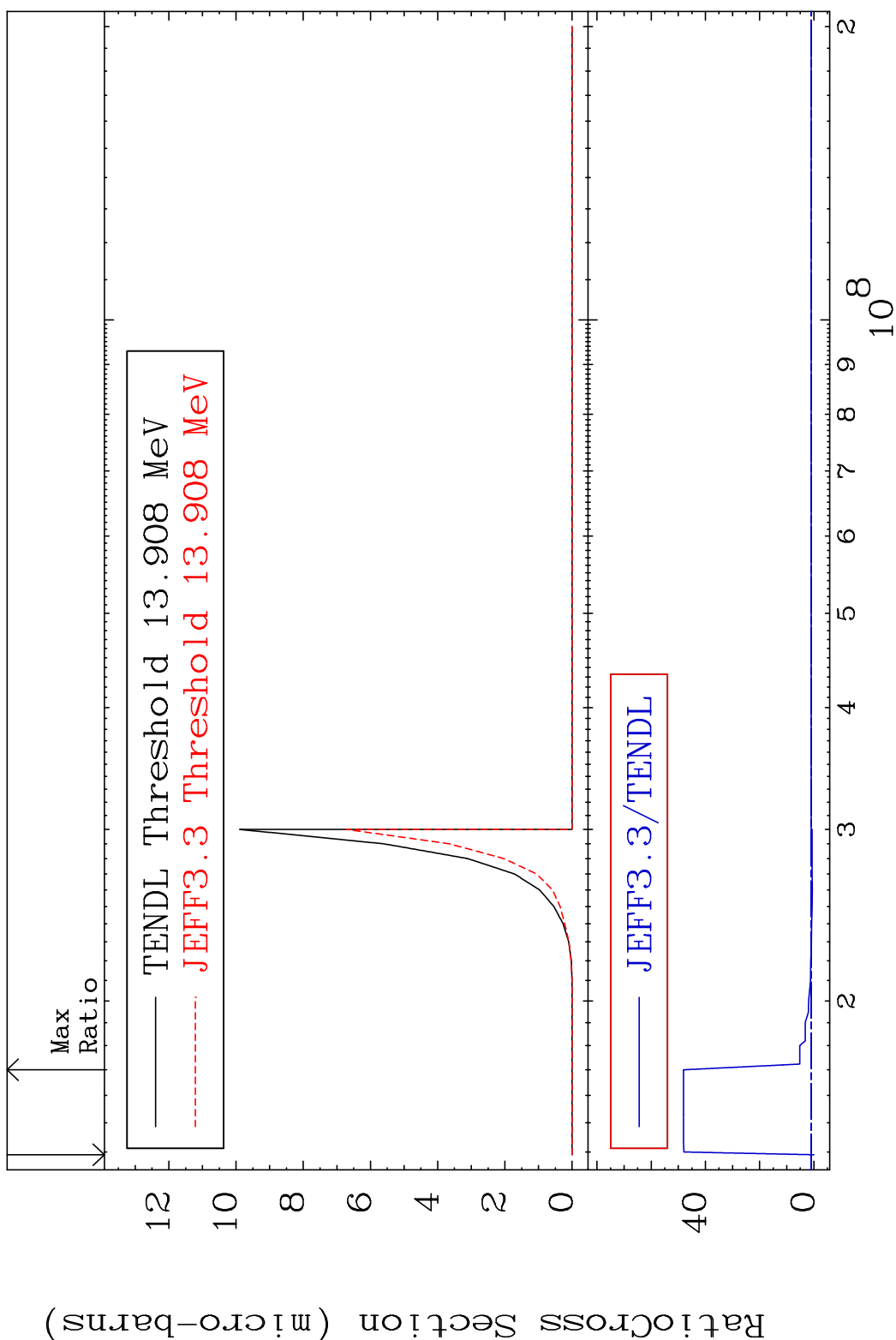


16 Incident Energy (eV) 52-Te-122

MAT 5231 (n,3n) p 52-Te-122
 Cross Section -100.0 To 9999. %

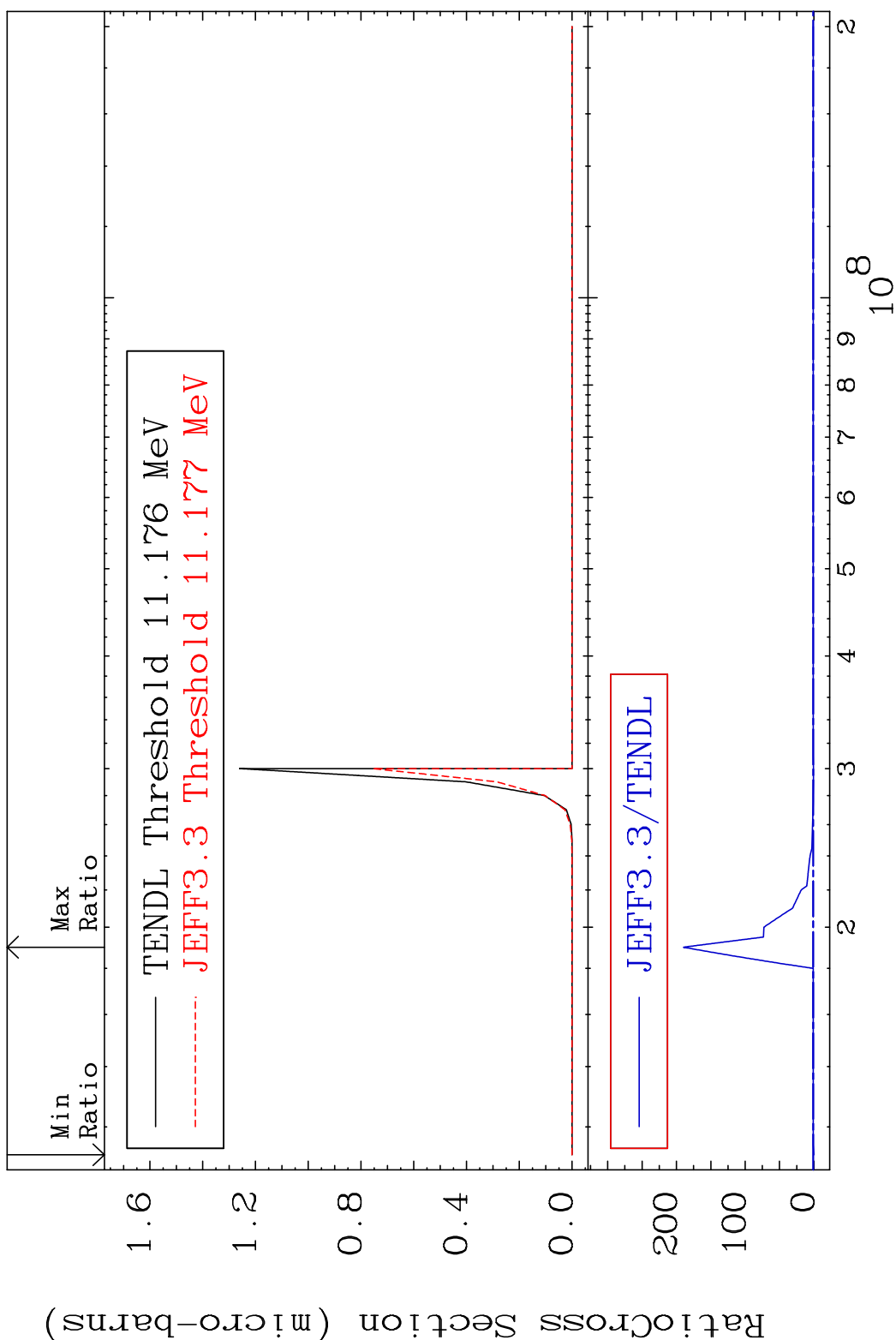


MAT 5231 (n,2n) p 52-Te-122
 Cross Section -100.0 To 4711. %

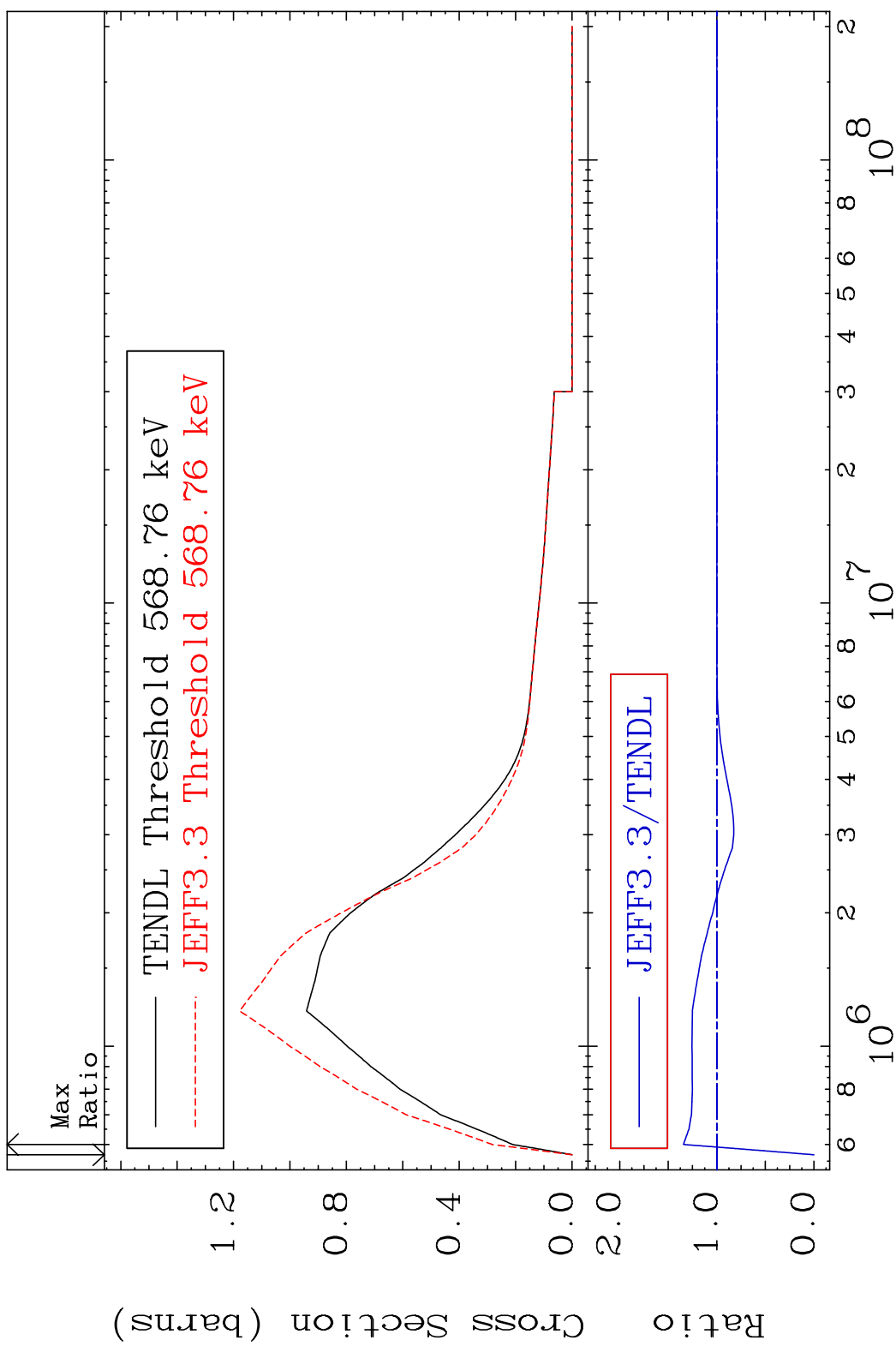


18 52-Te-122

MAT 5231 (n, n') p α 52-Te-122
 Cross Section -100.0 To 9999. %

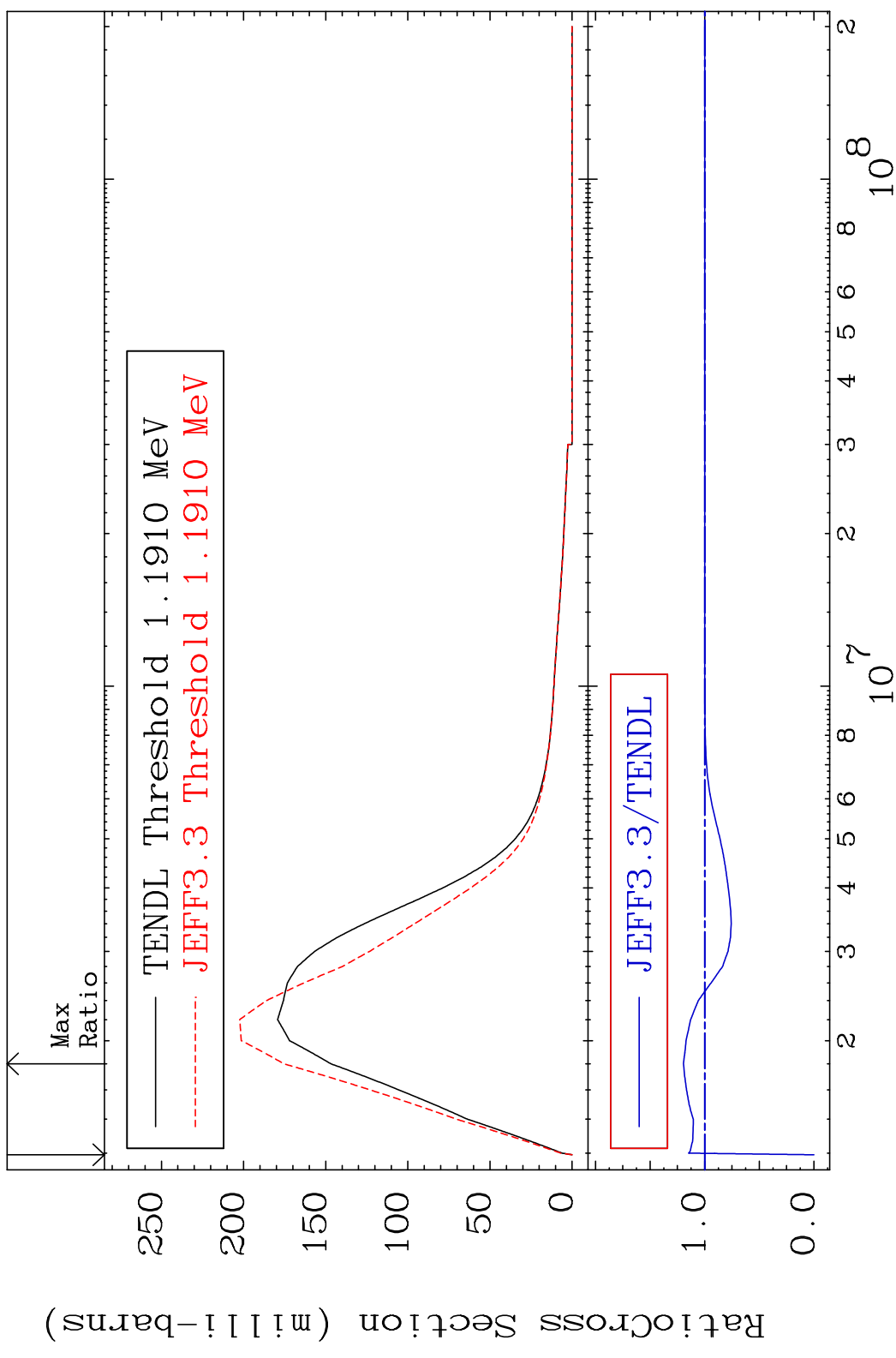


MAT 5231 MT= 51 (n, n') Level 52-Te-122
 Cross Section -100.0 To 34.30 %

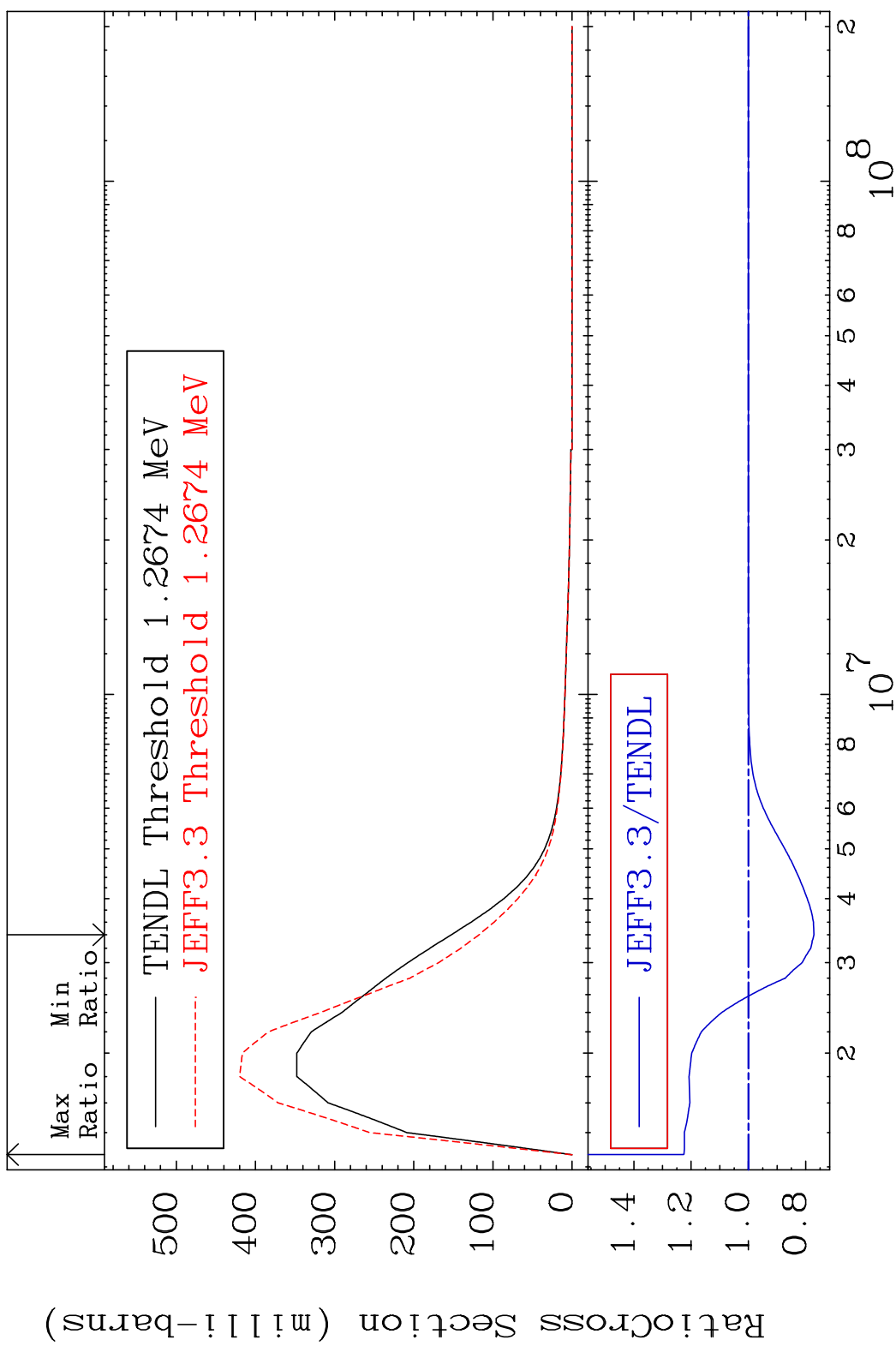


20 Incident Energy (eV) 52-Te-122

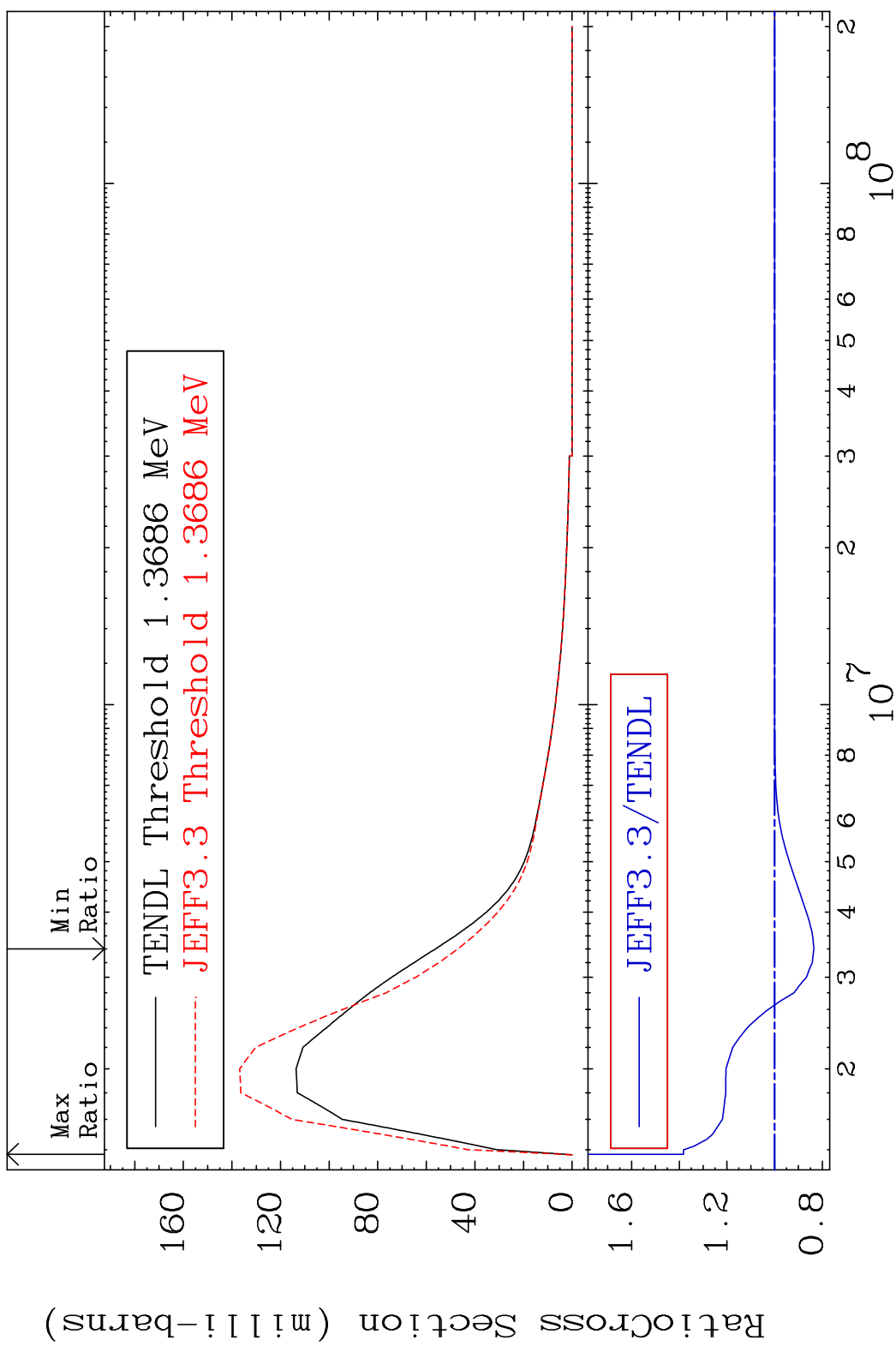
MAT 5231 MT= 52 (n, n') Level 52-Te-122
 Cross Section -100.0 To 19.47 %



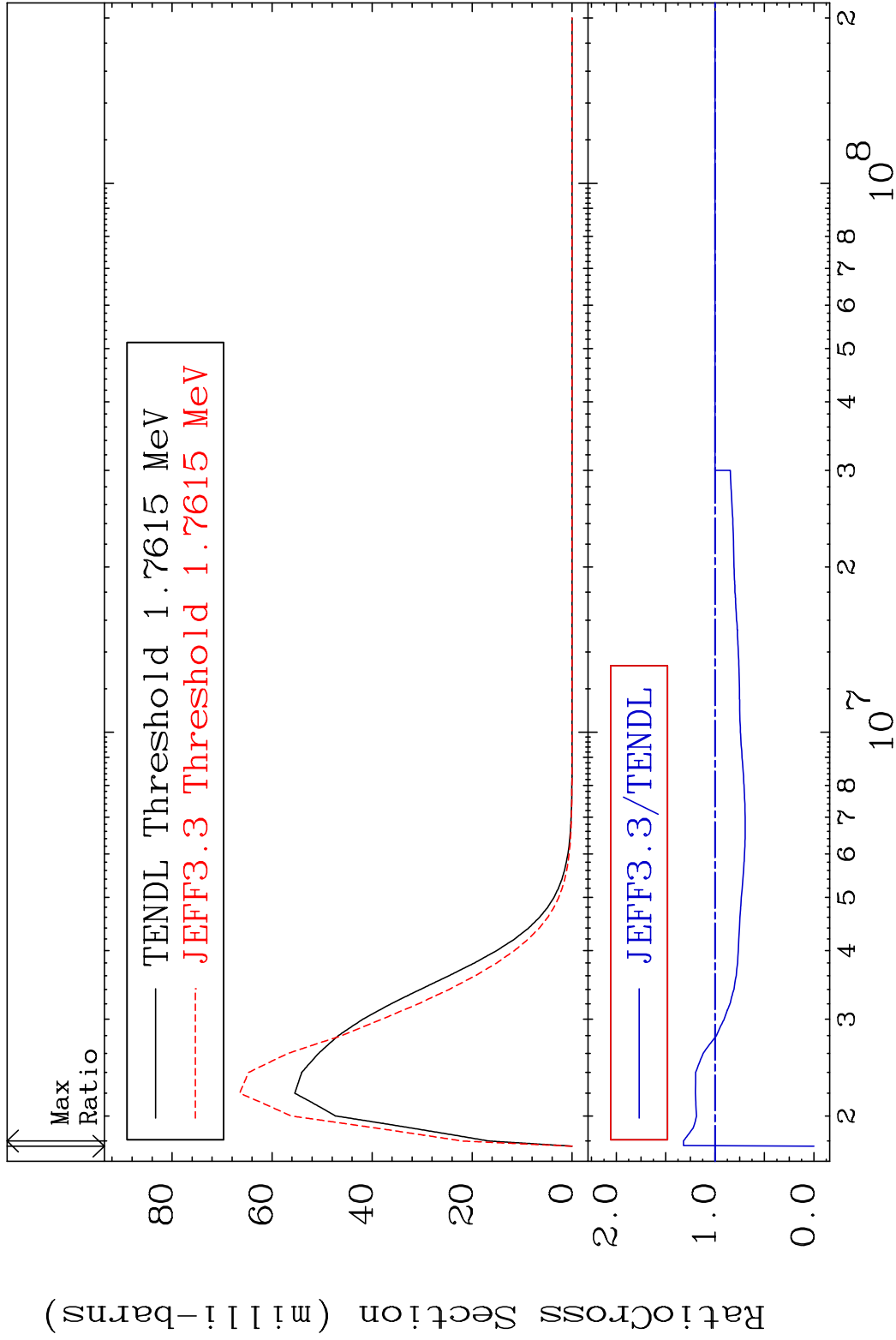
MAT 5231 MT= 53 (n, n') Level 52-Te-122
 Cross Section -22.86 To 22.68 %



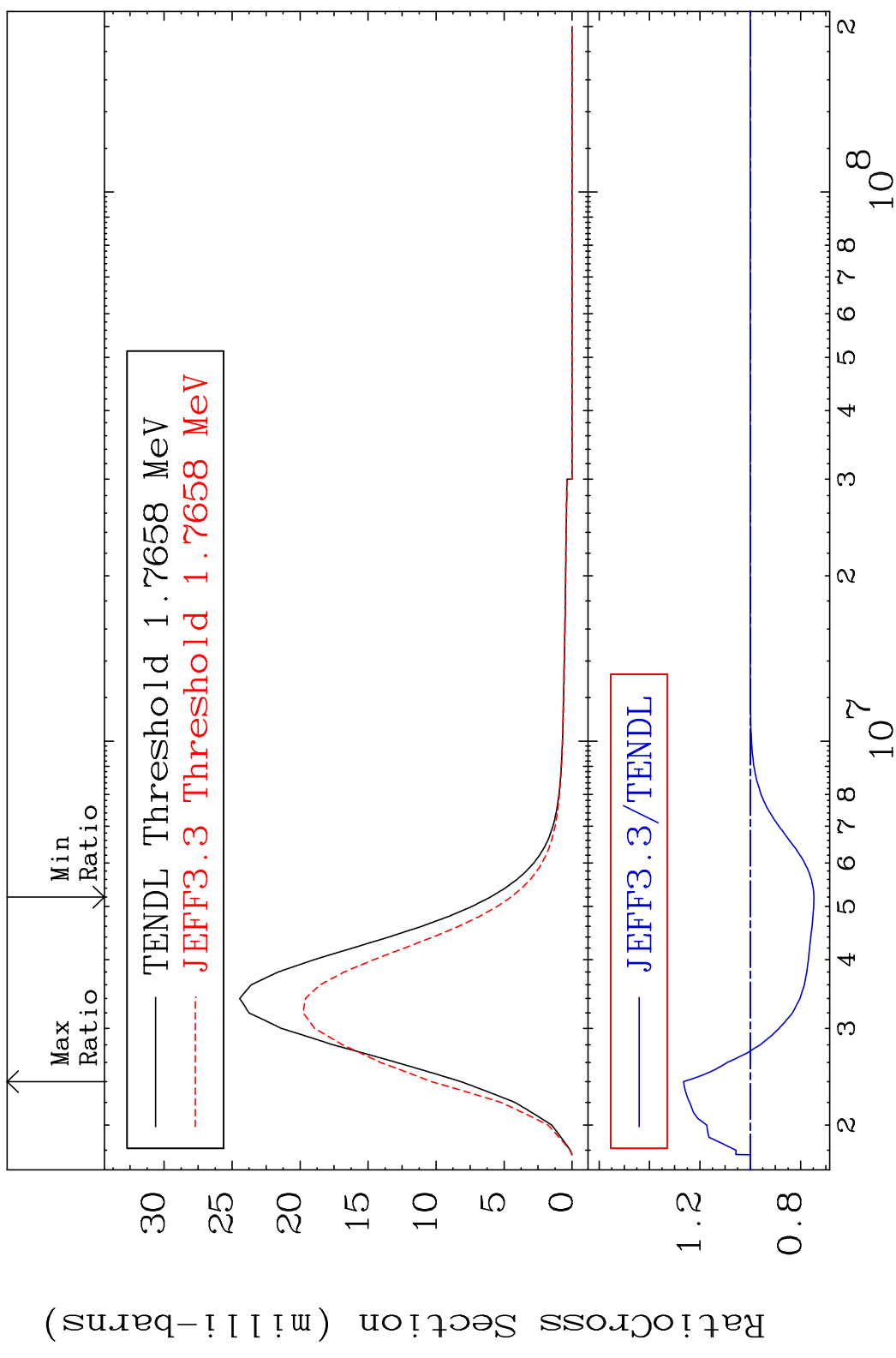
MAT 5231 MT= 54 (n, n') Level 52-Te-122
 Cross Section -16.46 To 38.25 %



MAT 5231 MT= 55 (n, n') Level 52-Te-122
 Cross Section -100.0 To 31.98 %

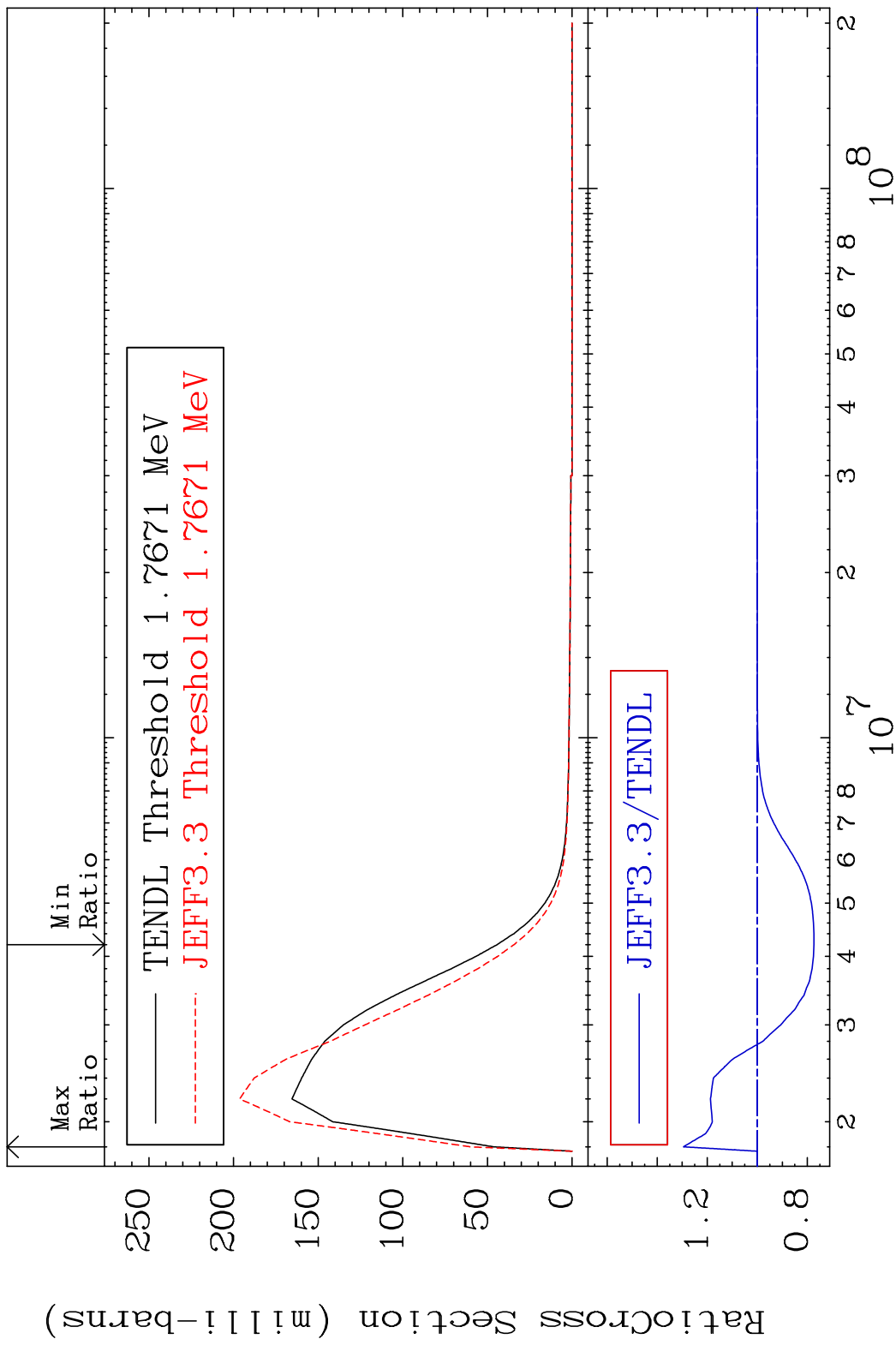


MAT 5231 MT= 56 (n, n') Level 52-Te-122
 Cross Section -25.27 To 26.51 %



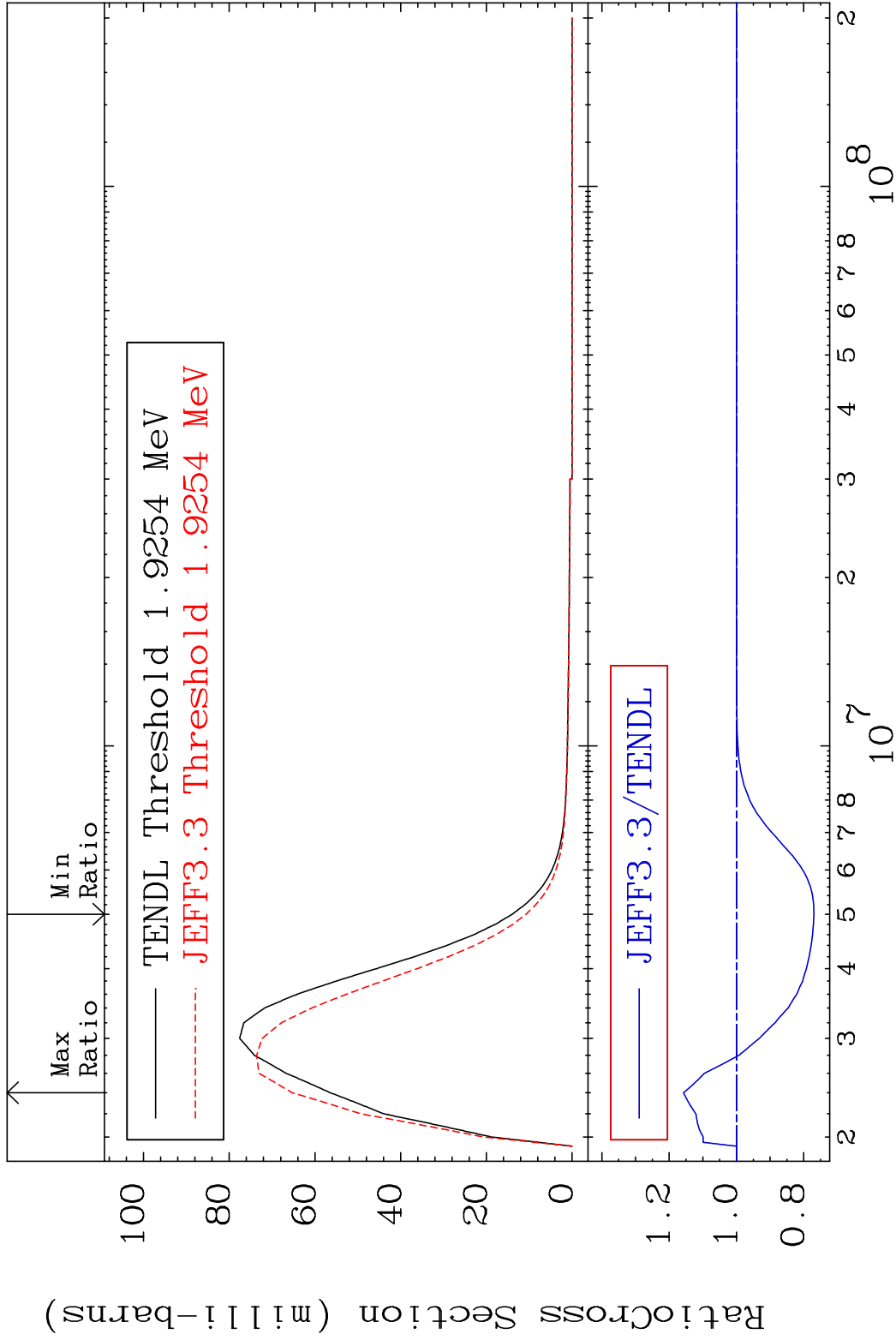
25 52-Te-122

MAT 5231 MT= 57 (n, n') Level 52-Te-122
 Cross Section -22.62 To 29.51 %



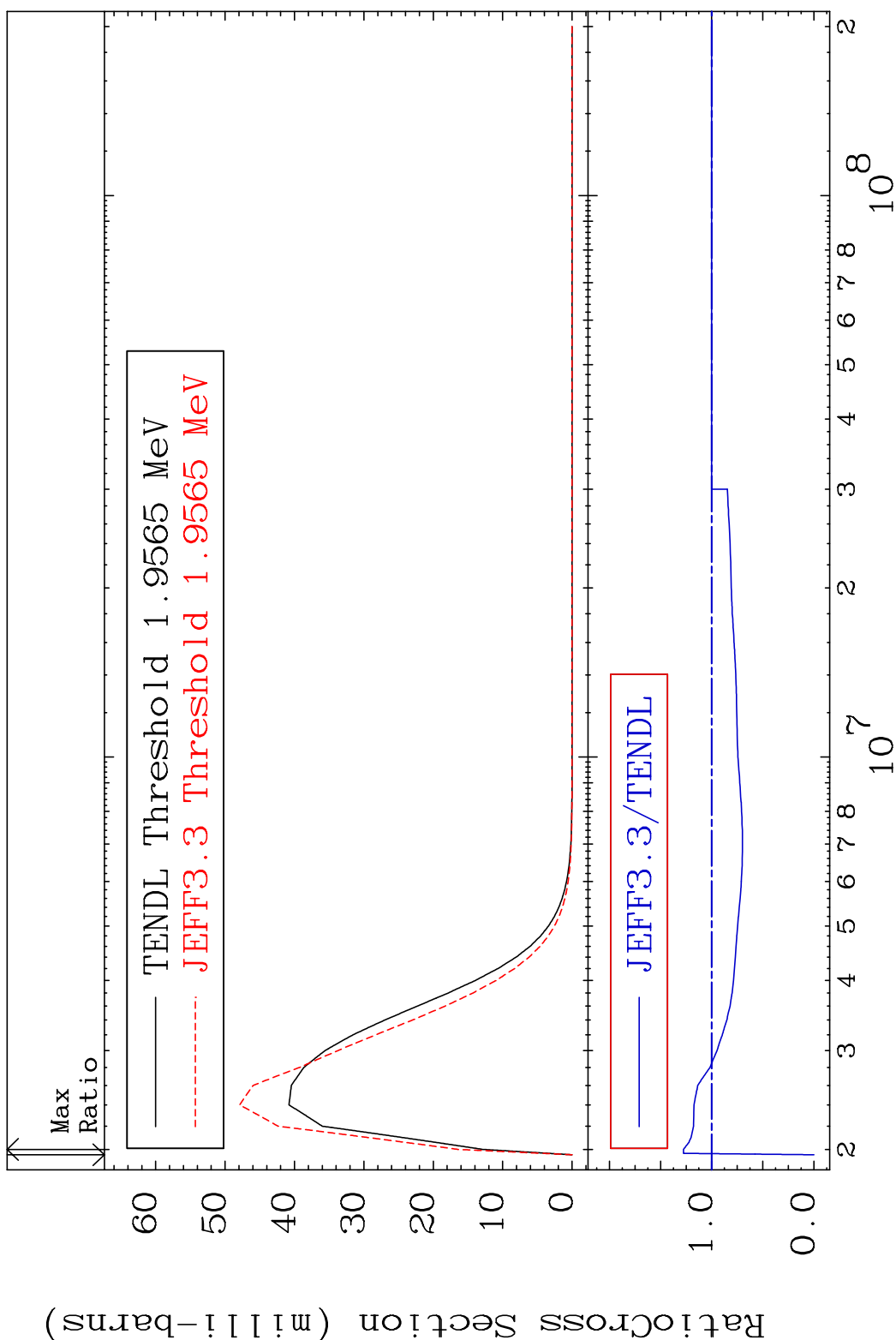
26 Incident Energy (eV) 52-Te-122

MAT 5231 MT= 58 (n, n') Level 52-Te-122
 Cross Section -23.01 To 15.75 %



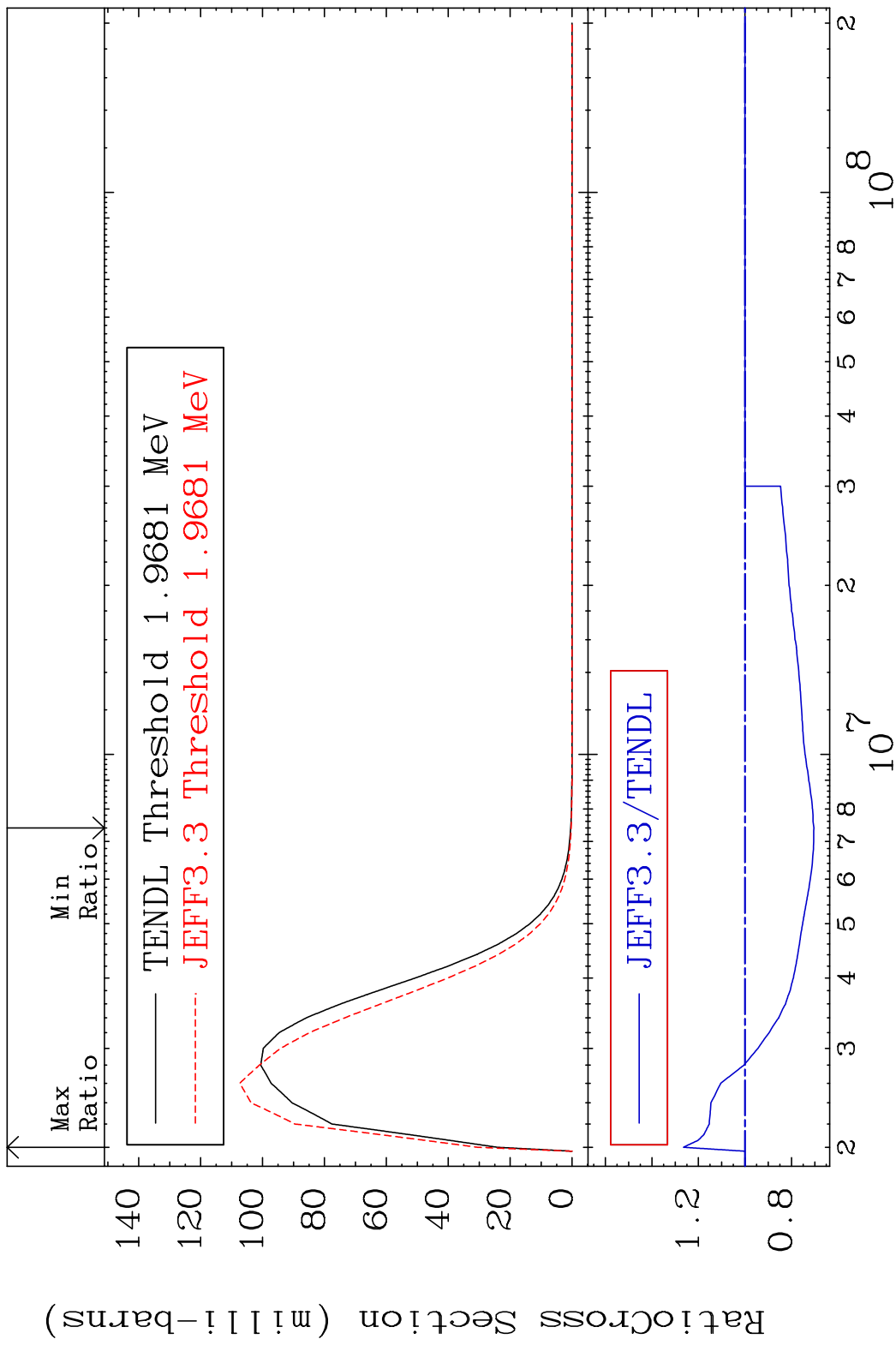
27 52-Te-122

MAT 5231 MT= 59 (n, n') Level 52-Te-122
 Cross Section -100.0 To 27.62 %



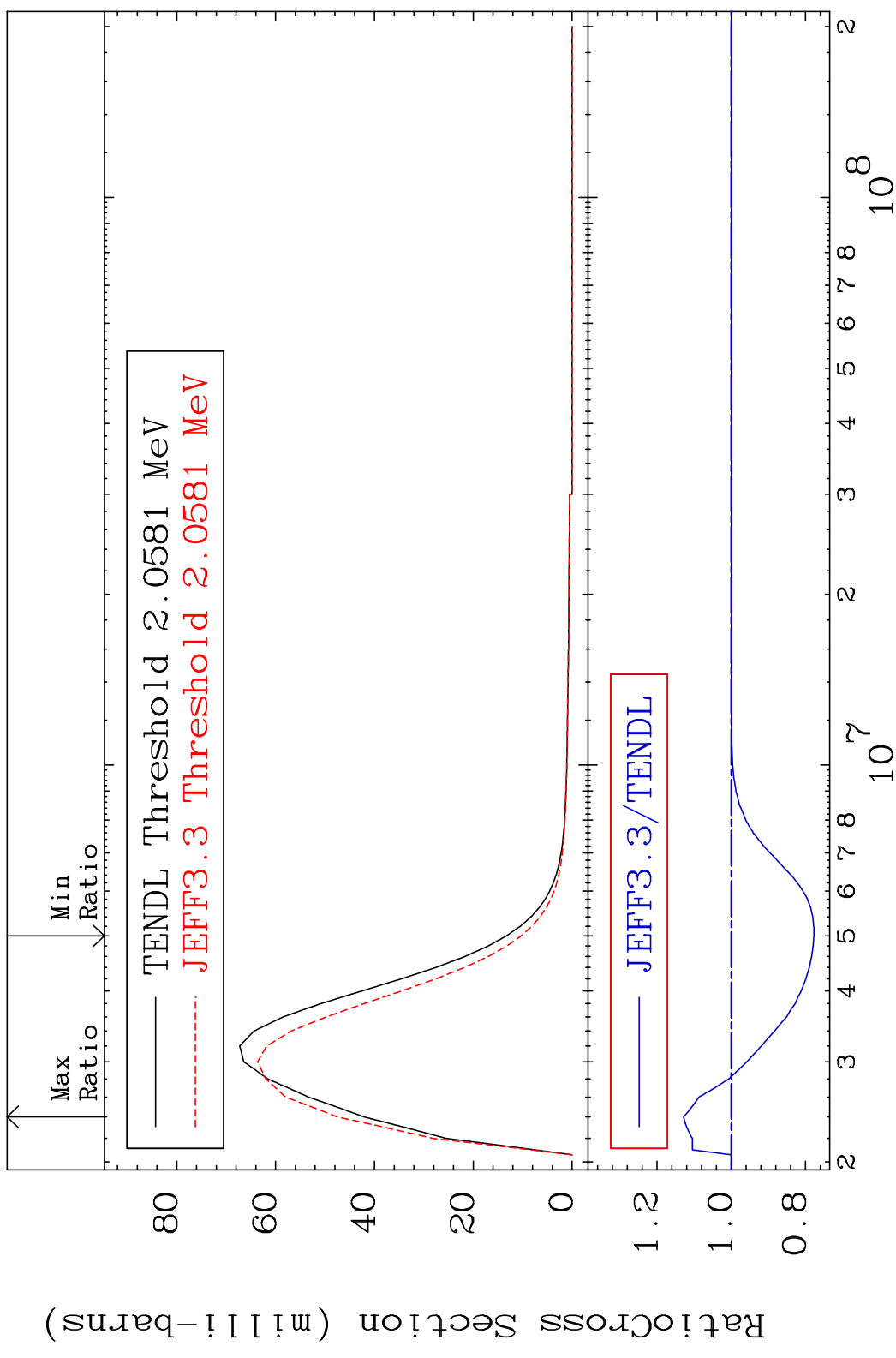
28 Incident Energy (eV) 52-Te-122

MAT 5231 MT= 60 (n, n') Level 52-Te-122
 Cross Section -29.63 To 26.45 %



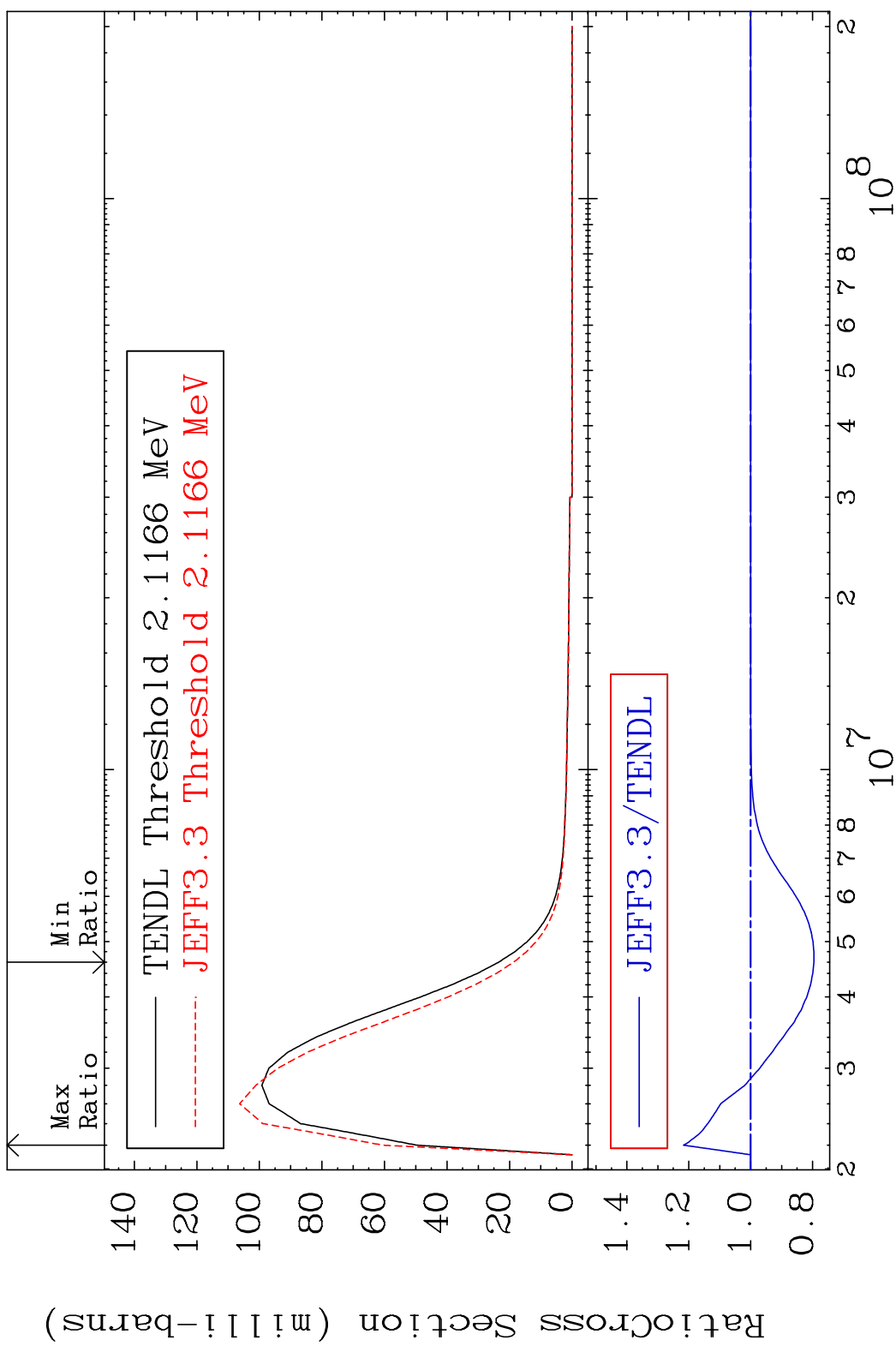
29 52-Te-122

MAT 5231 MT= 61 (n, n') Level 52-Te-122
 Cross Section -22.29 To 12.87 %

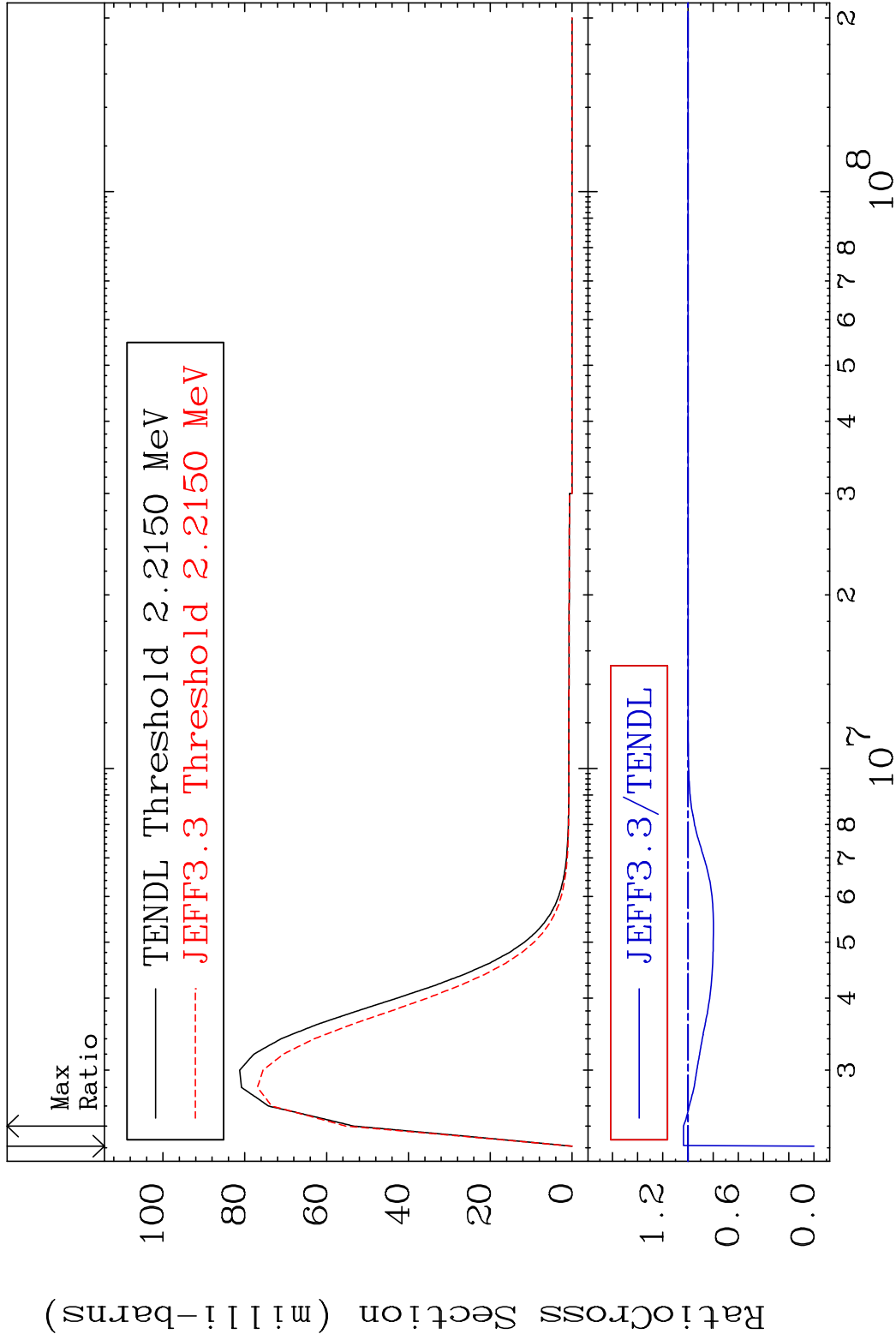


30 Incident Energy (eV) 52-Te-122

MAT 5231 MT= 62 (n, n') Level 52-Te-122
 Cross Section -20.42 To 21.73 %

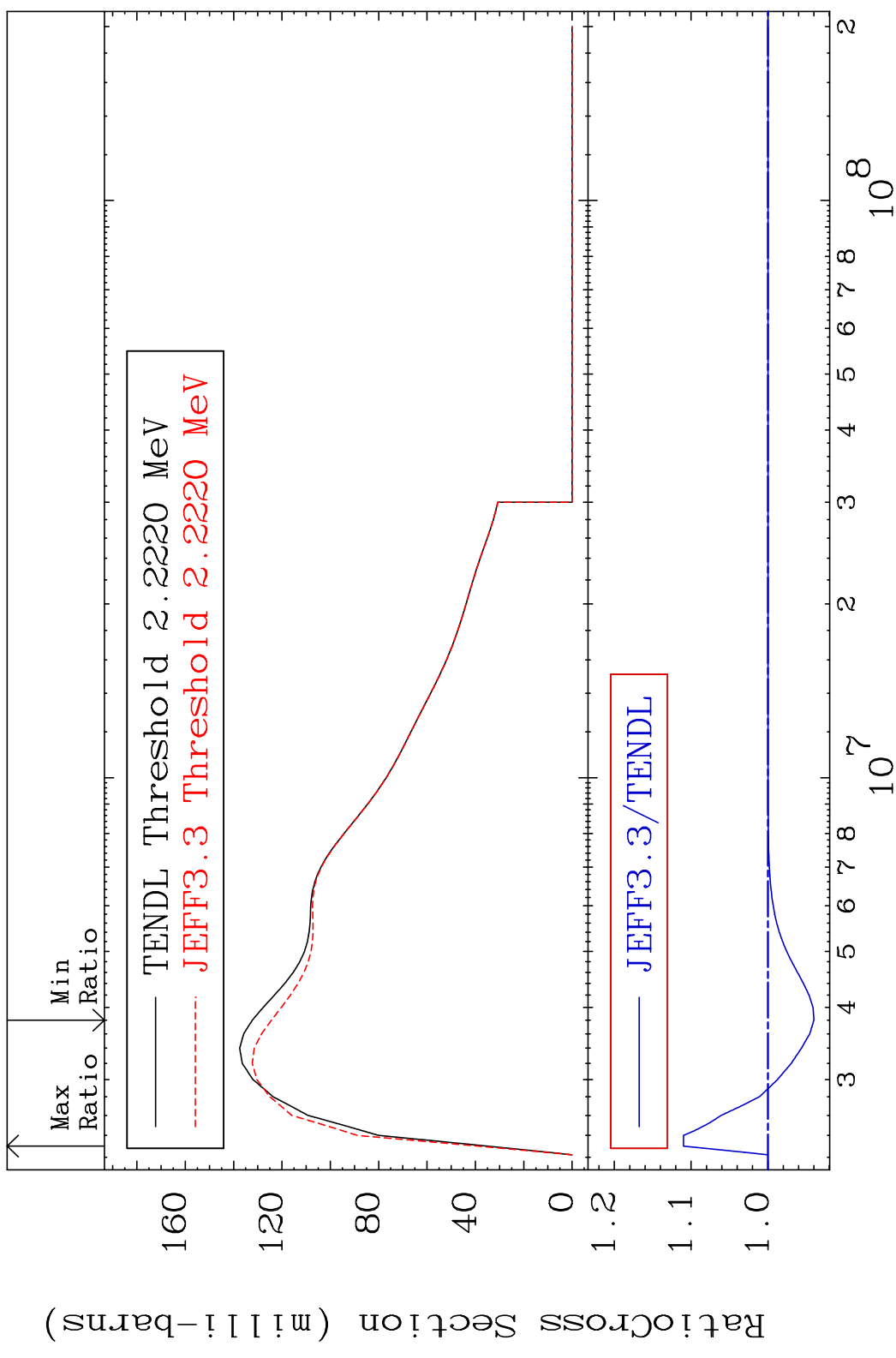


MAT 5231 MT= 63 (n, n') Level 52-Te-122
 Cross Section -100.0 To 3.597 %

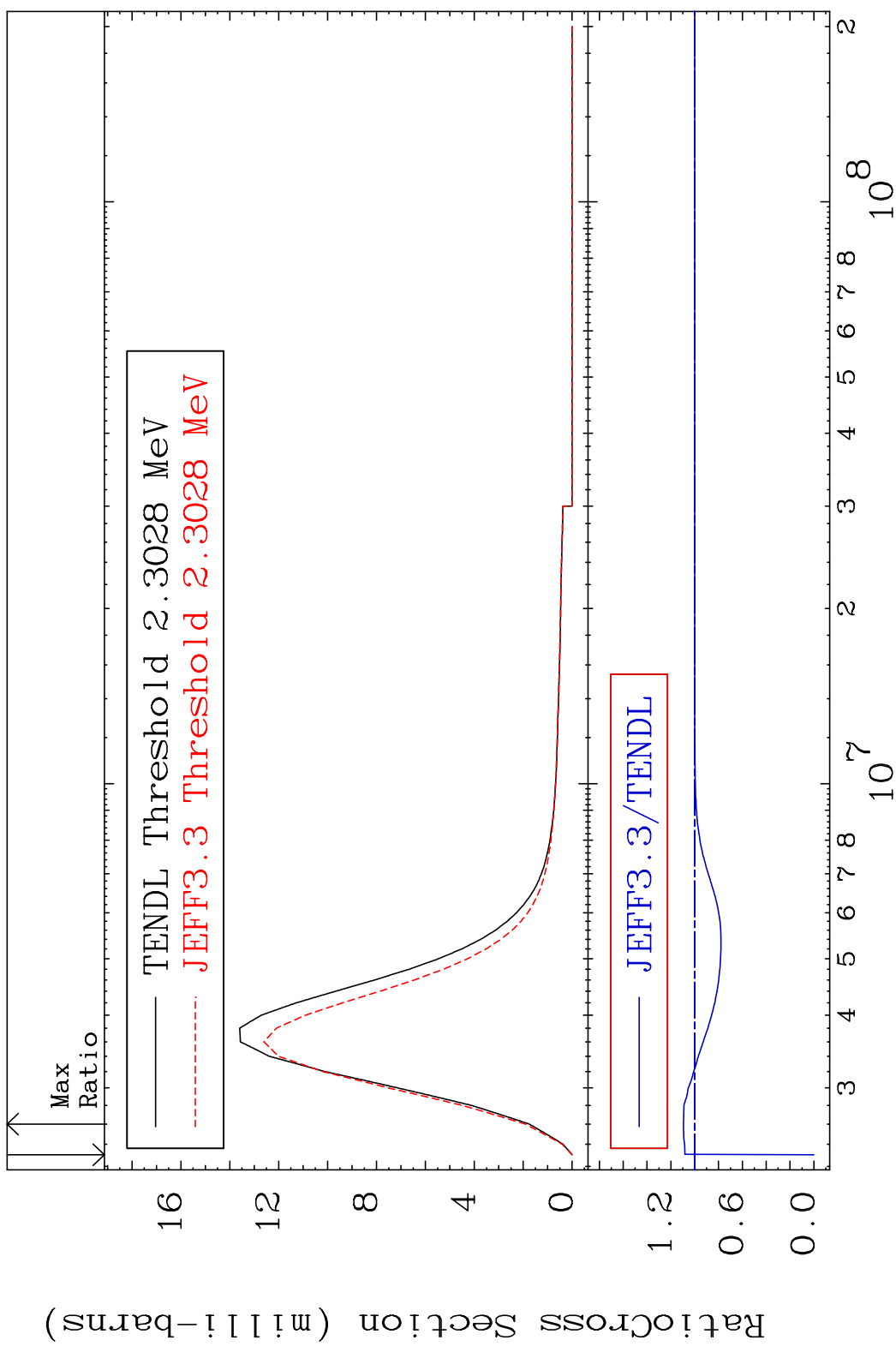


32 52-Te-122

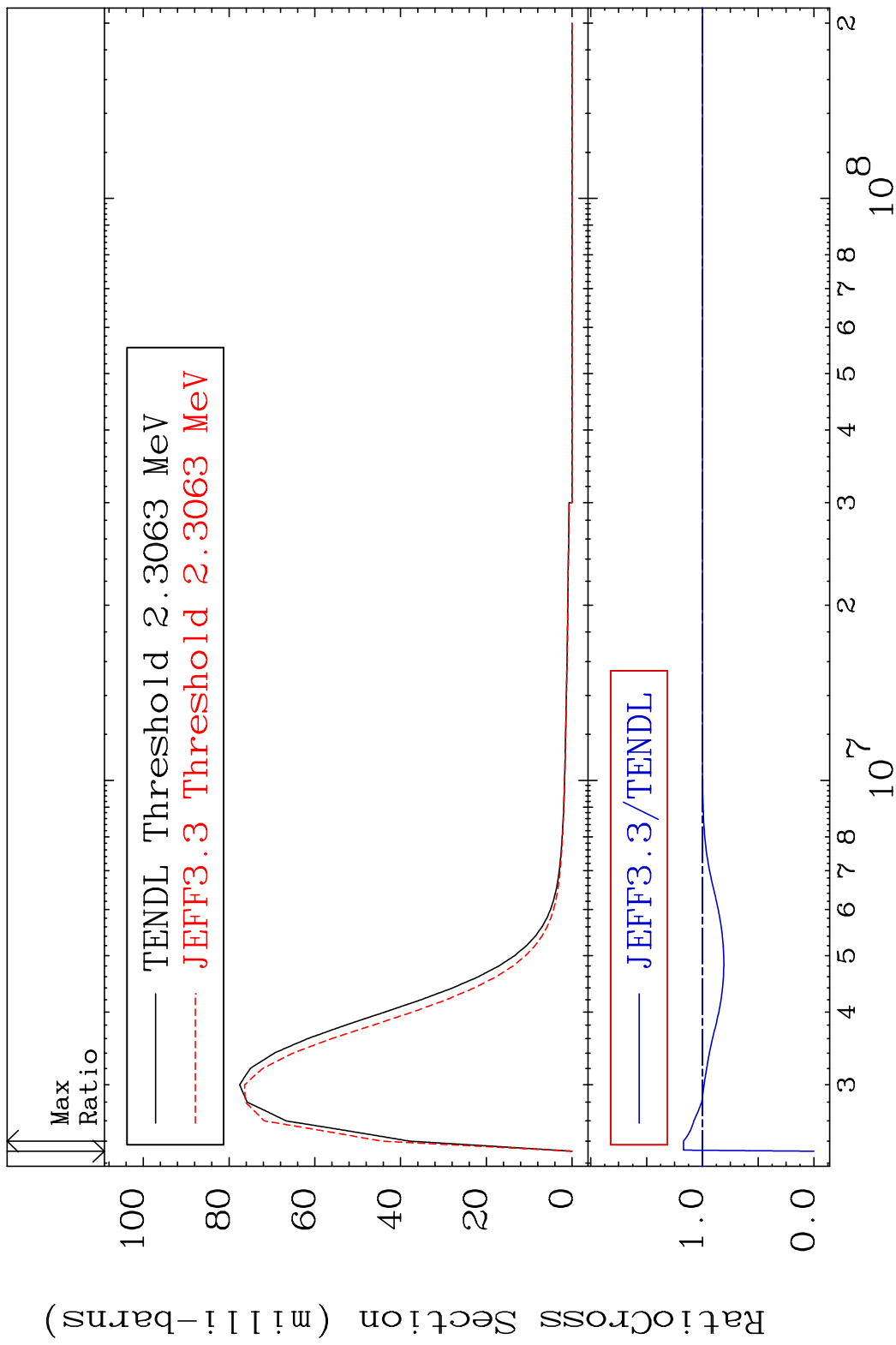
MAT 5231 MT= 64 (n, n') Level 52-Te-122
 Cross Section -5.987 To 11.00 %



MAT 5231 MT= 65 (n, n') Level 52-Te-122
 Cross Section -100.0 To 9.435 %

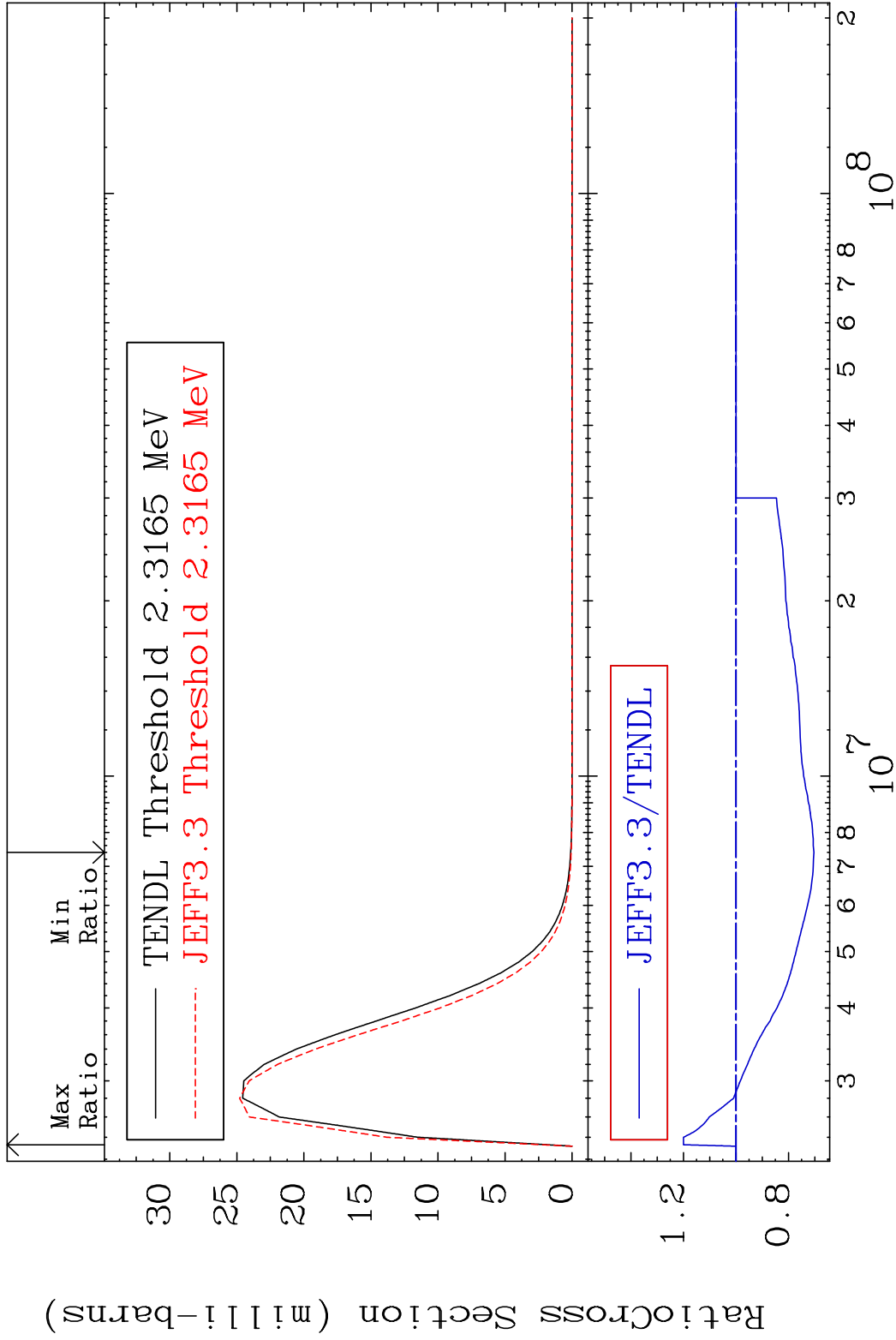


MAT 5231 MT= 66 (n, n') Level 52-Te-122
Cross Section -100.0 To 16.96 %



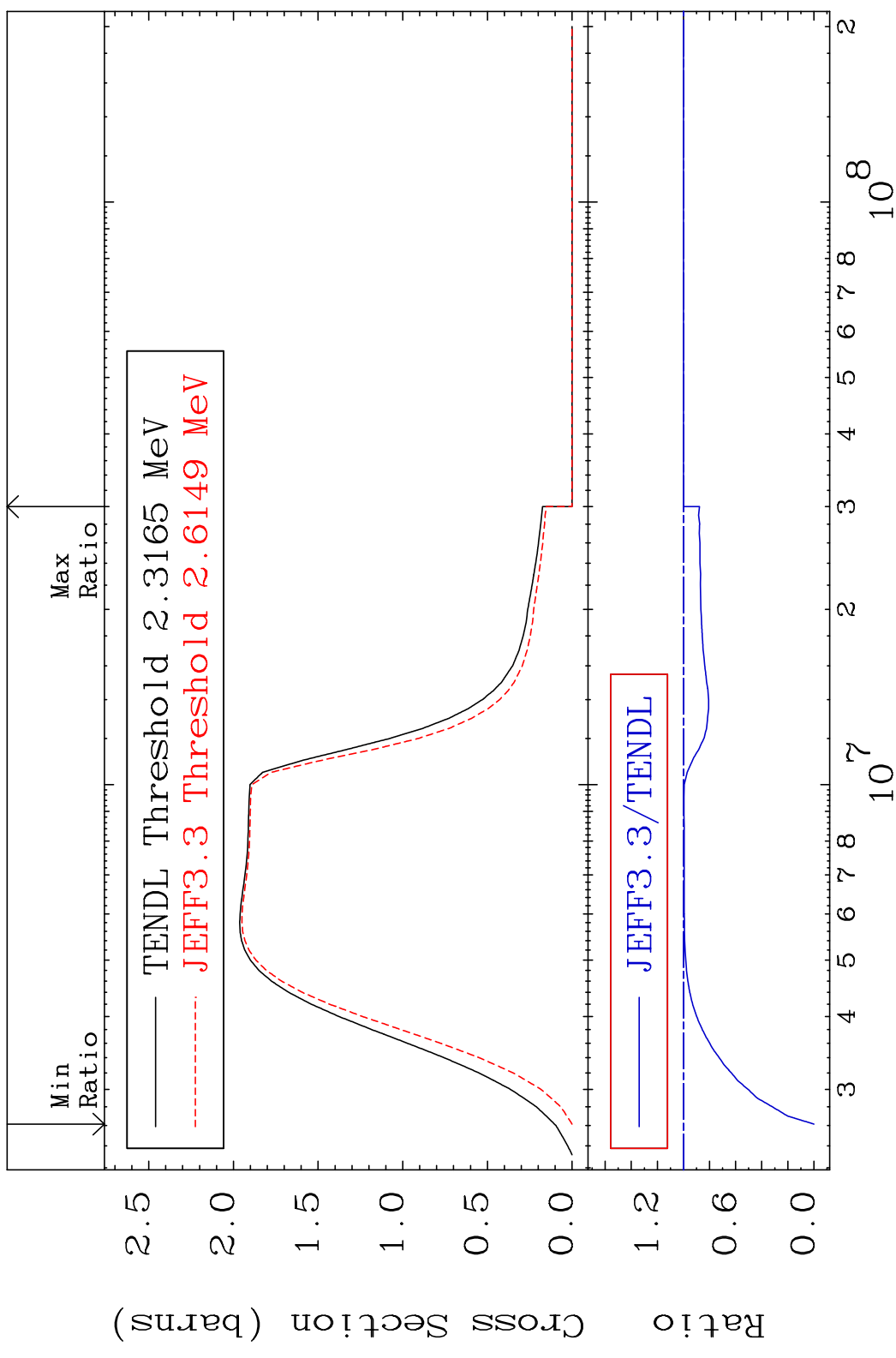
35 52-Te-122

MAT 5231 MT= 67 (n, n') Level 52-Te-122
 Cross Section -29.65 To 20.01 %



36 Incident Energy (eV) 52-Te-122

MAT 5231 (n, n') Continuum 52-Te-122
 Cross Section -100.0 To 0.000 %



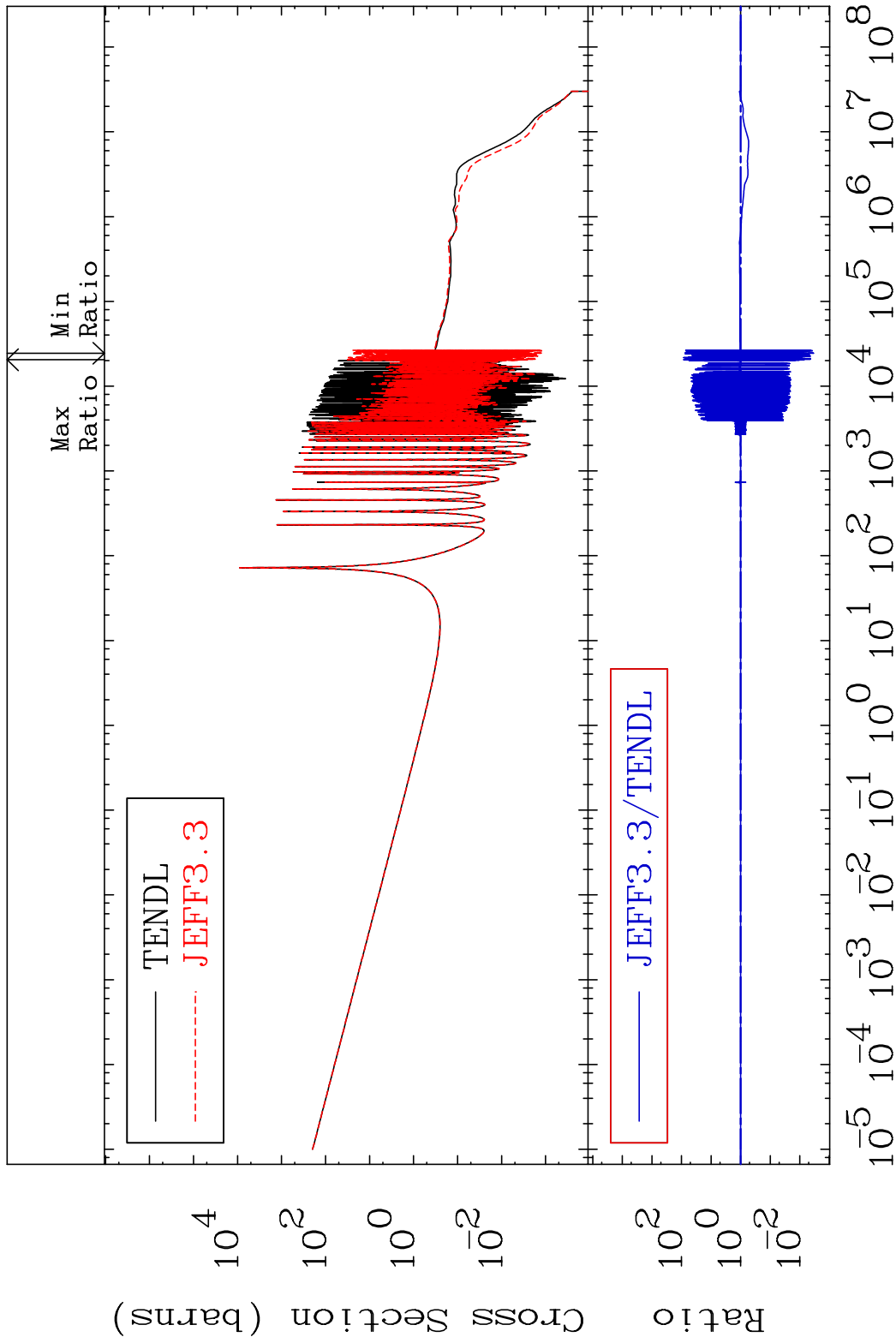
37 52-Te-122

MAT 5231

(n, γ)

52-Te-122

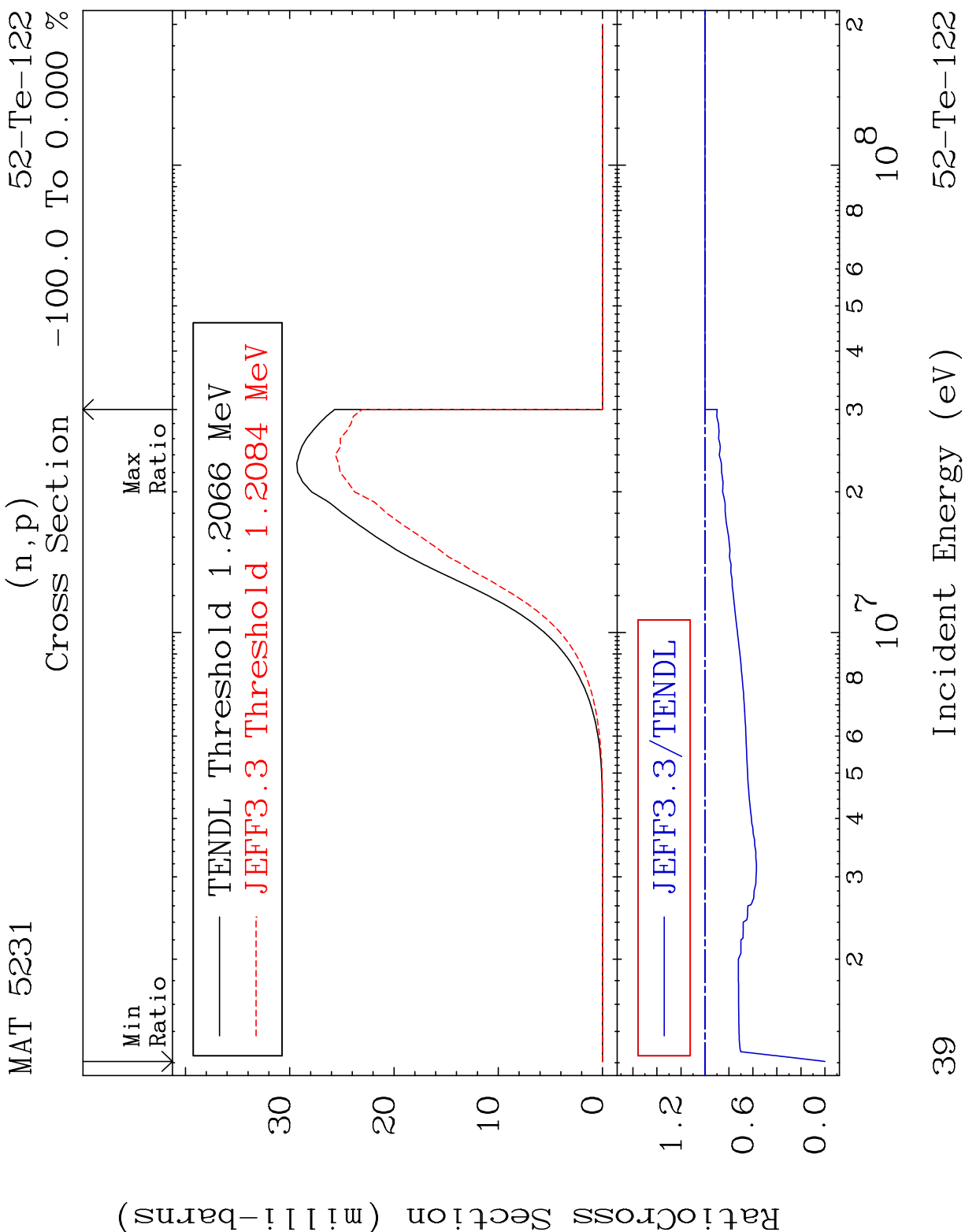
Cross Section -99.67 To 8474. %

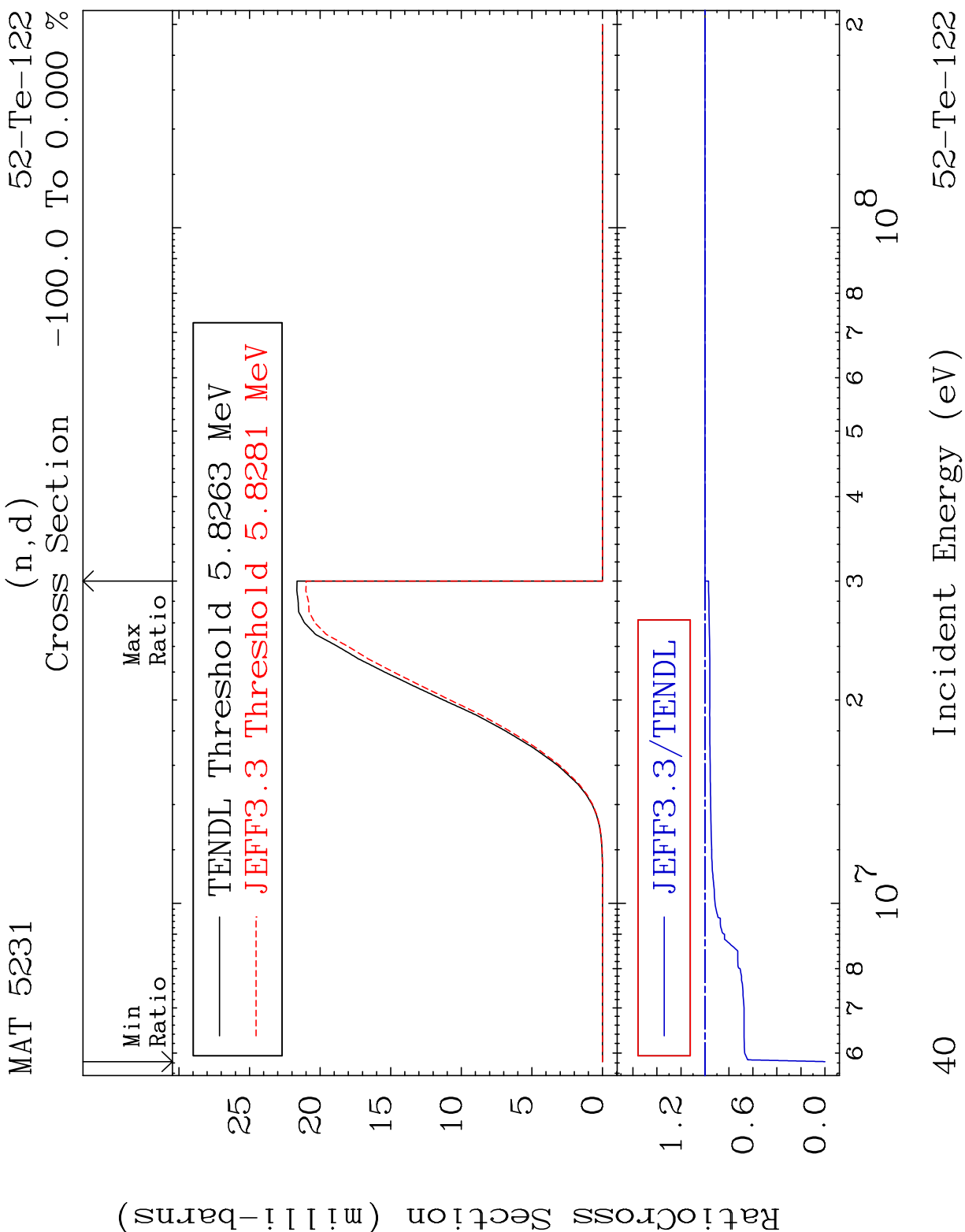


38

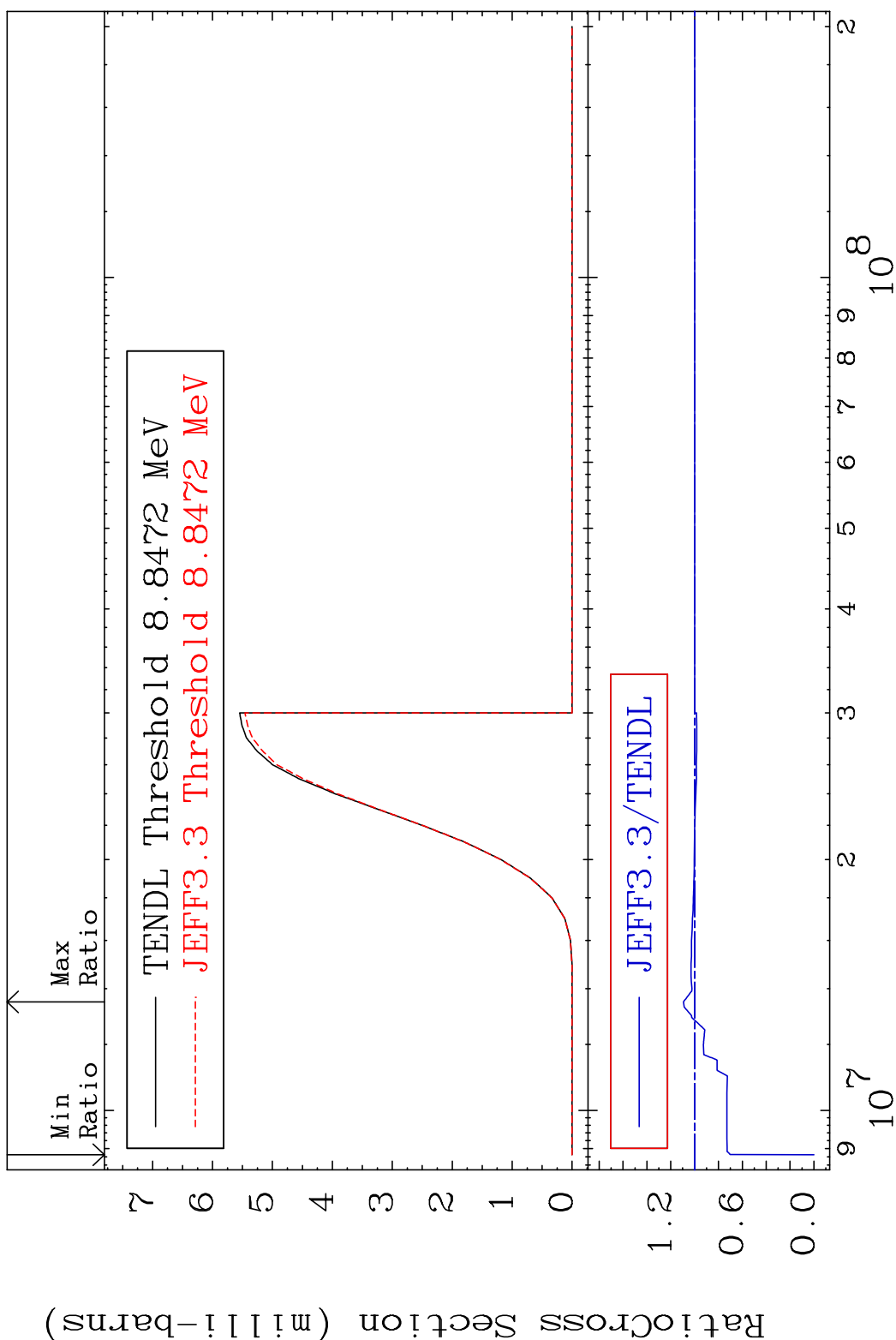
Incident Energy (eV)

52-Te-122

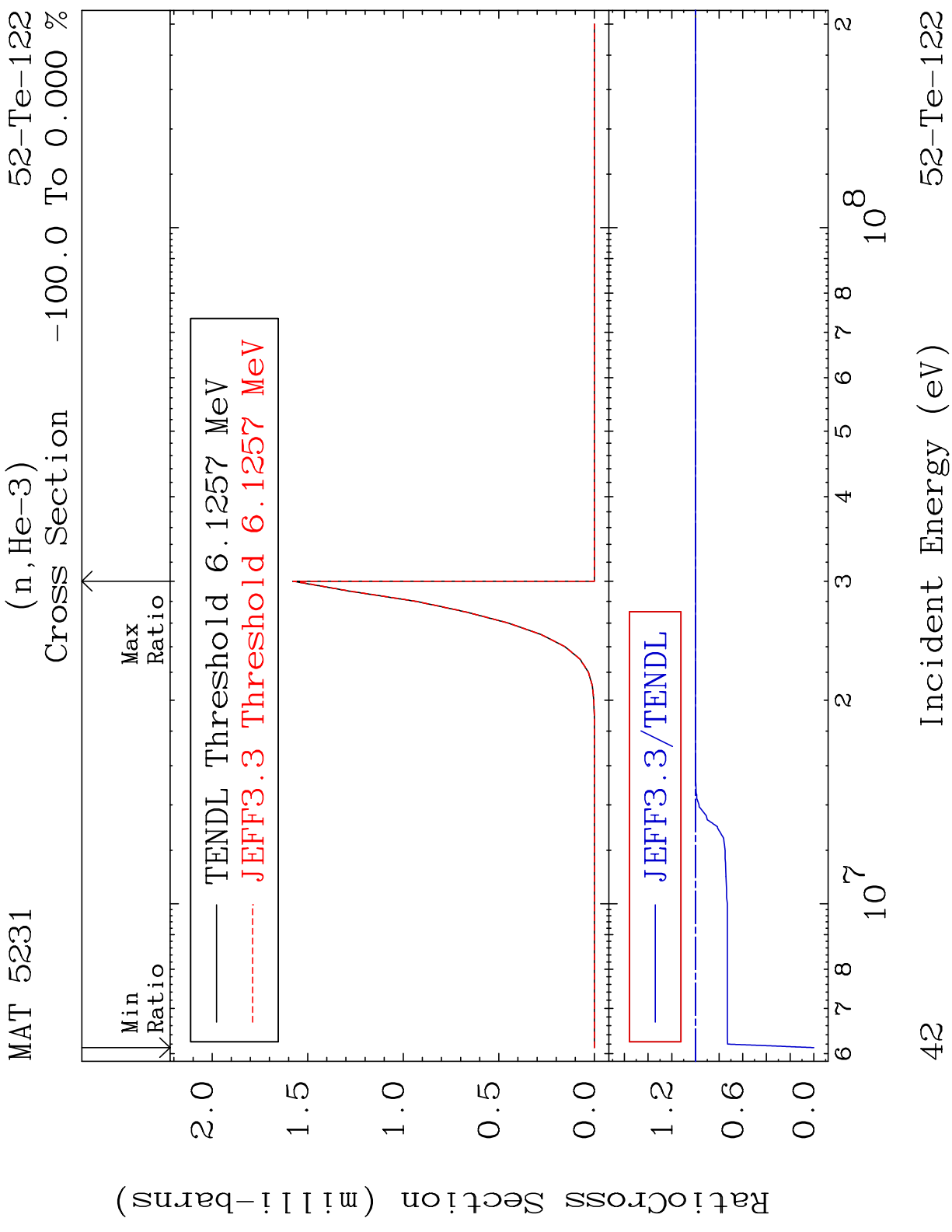




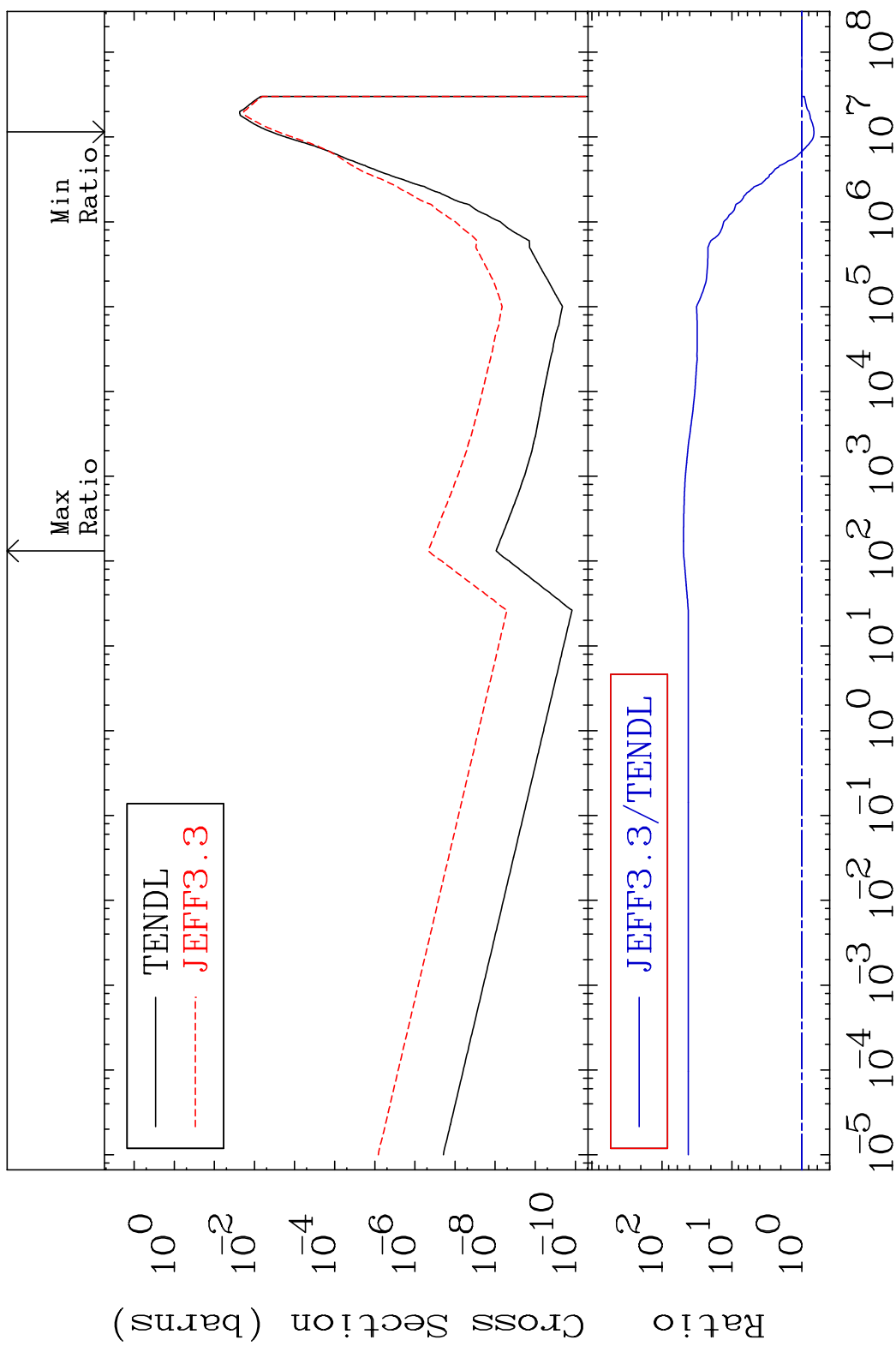
MAT 5231 (n, t) 52-Te-122
 Cross Section -100.0 To 9.352 %



41 Incident Energy (eV) 52-Te-122



MAT 5231 (n, α) 52-Te-122
 Cross Section -32.73 To 4820. %

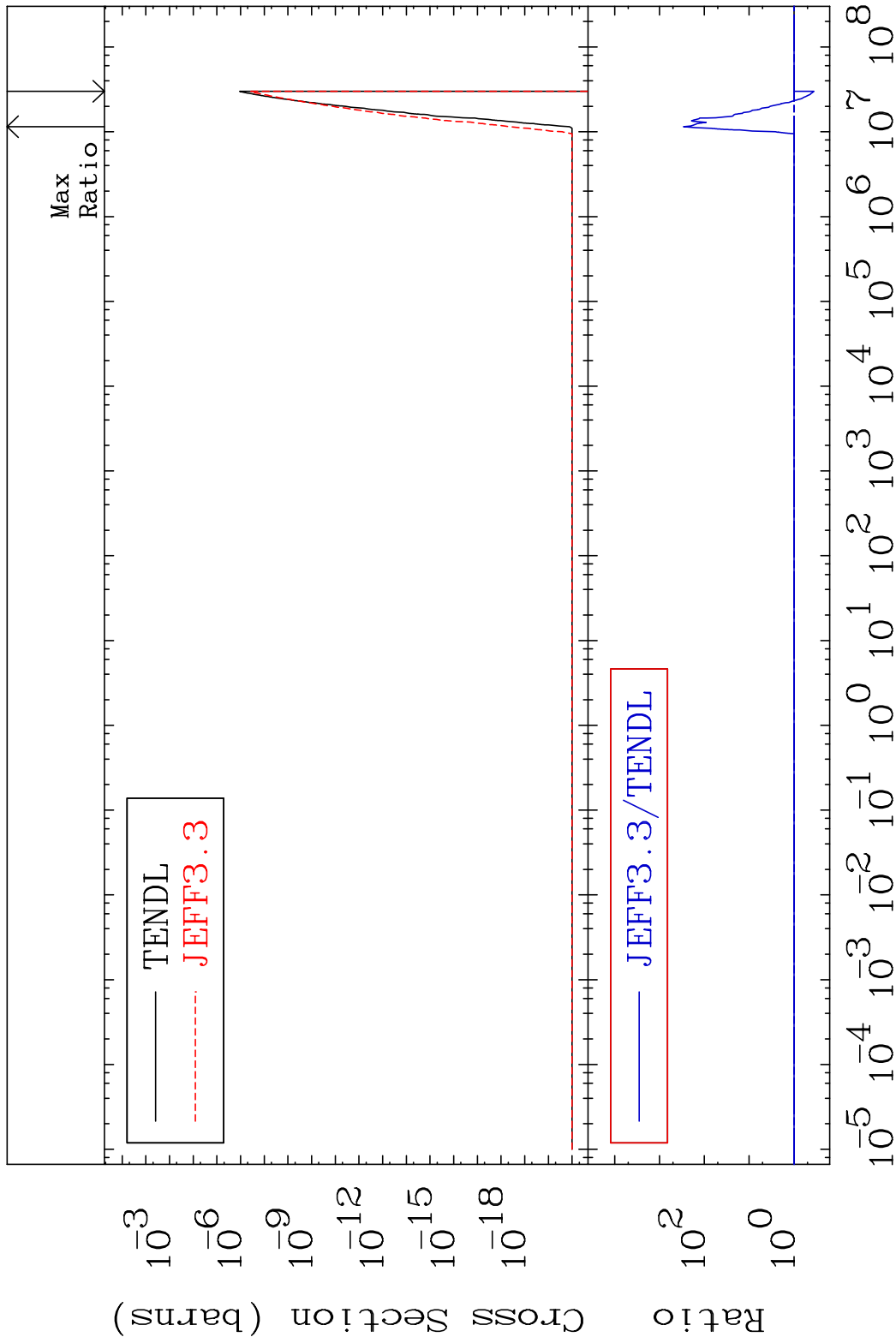


MAT 5231

(n,2α)

52-Te-122

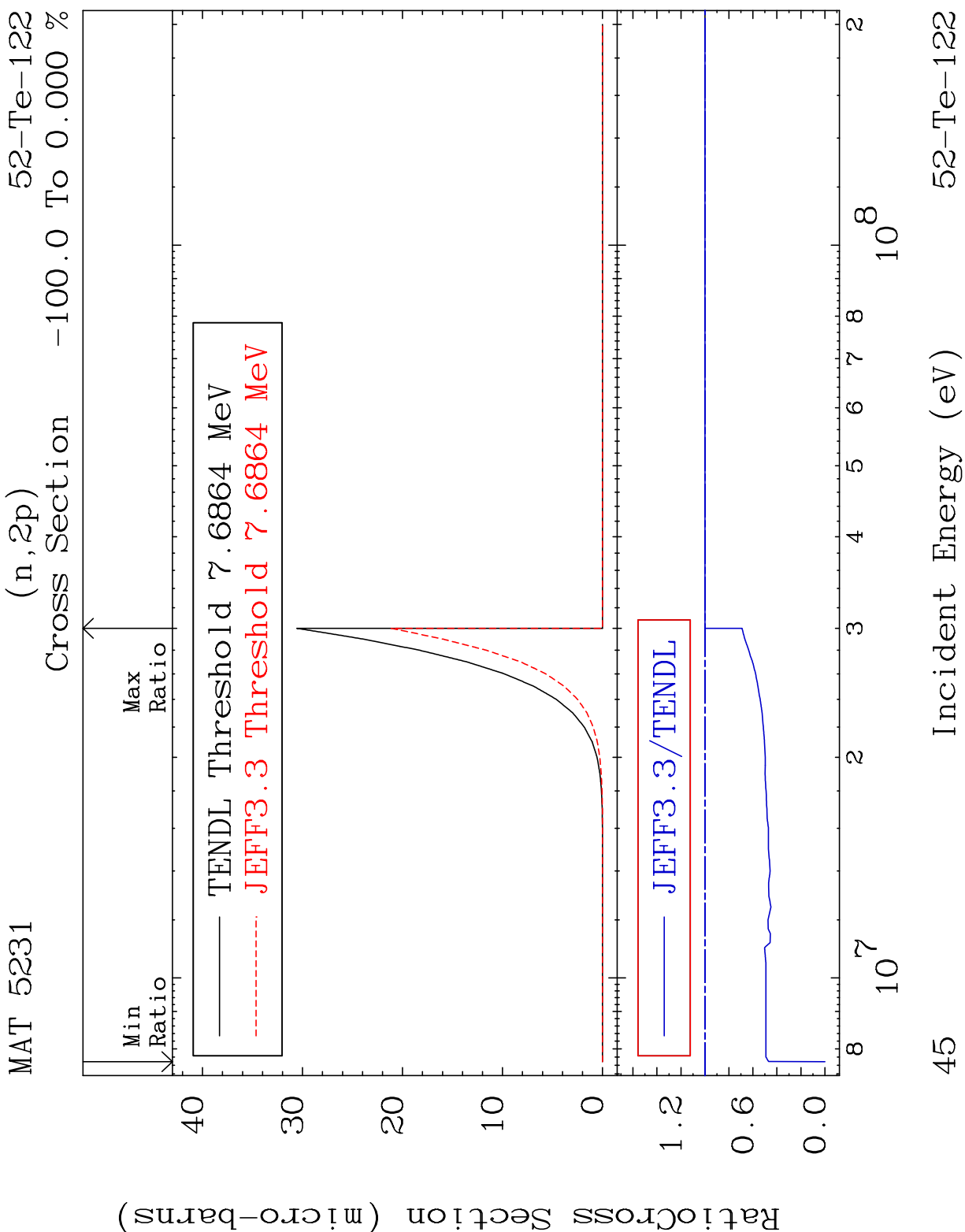
Cross Section -64.01 To 9999. %

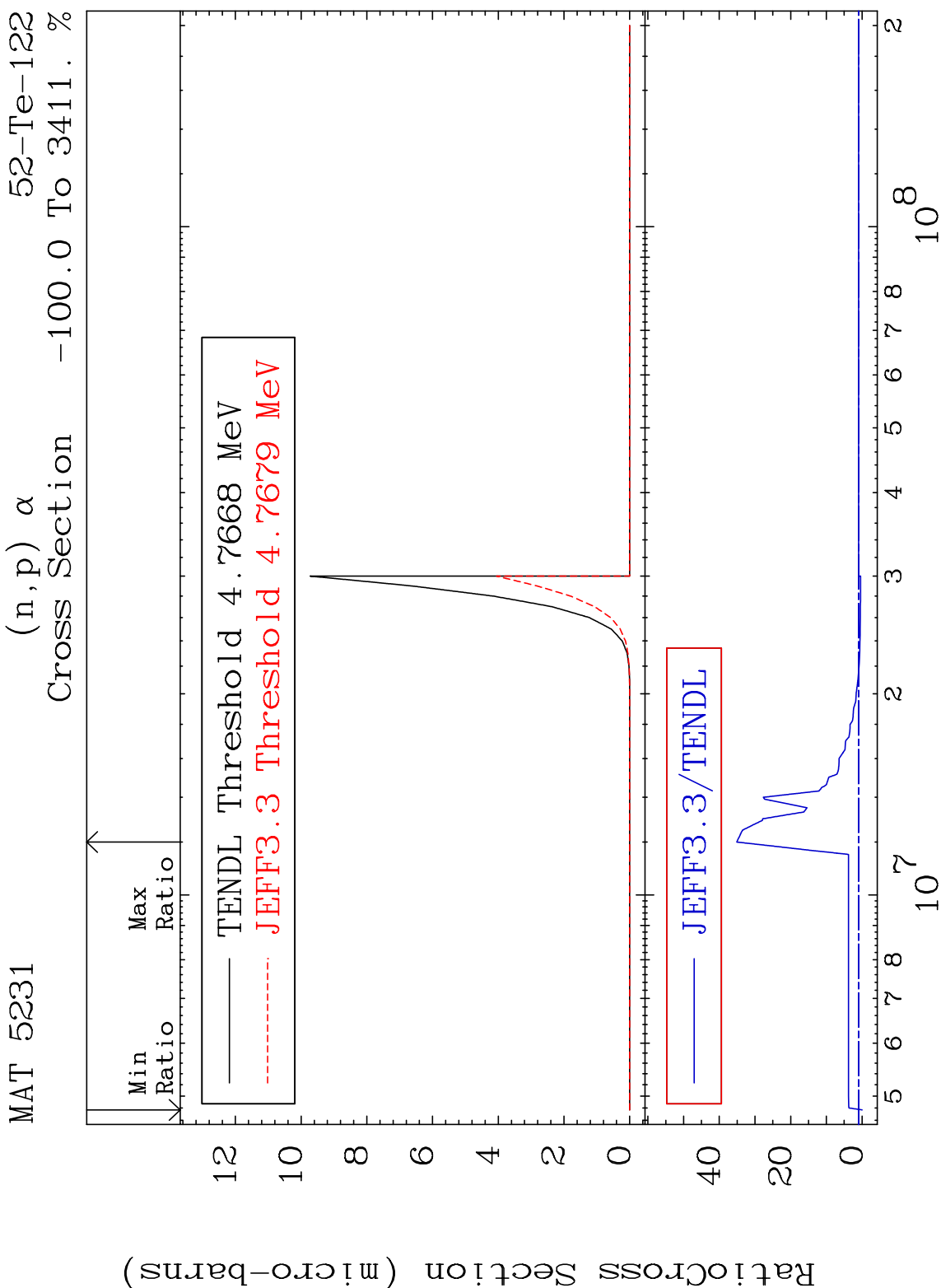


44

Incident Energy (eV)

52-Te-122



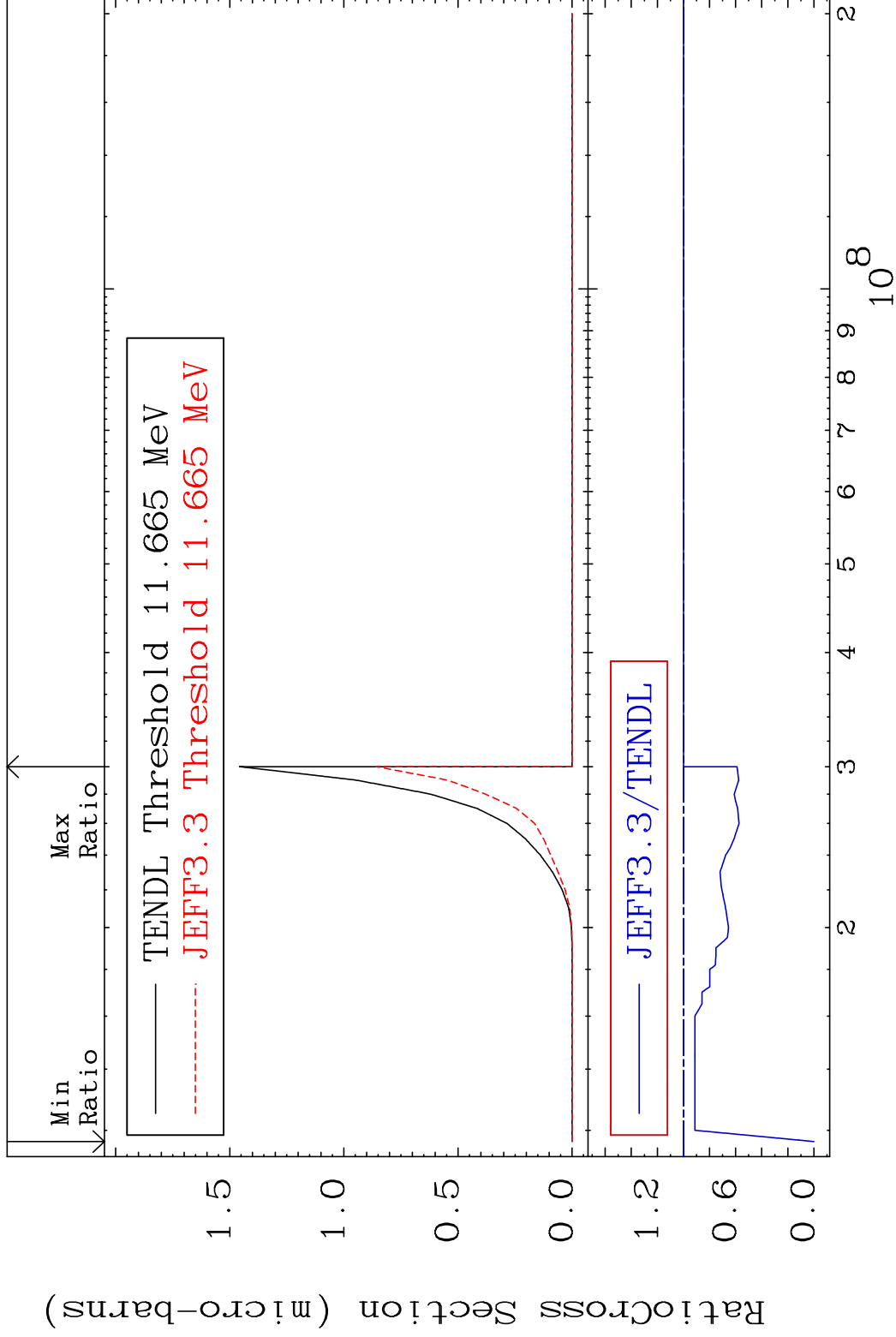


MAT 5231

(n,p) d

52-Te-122

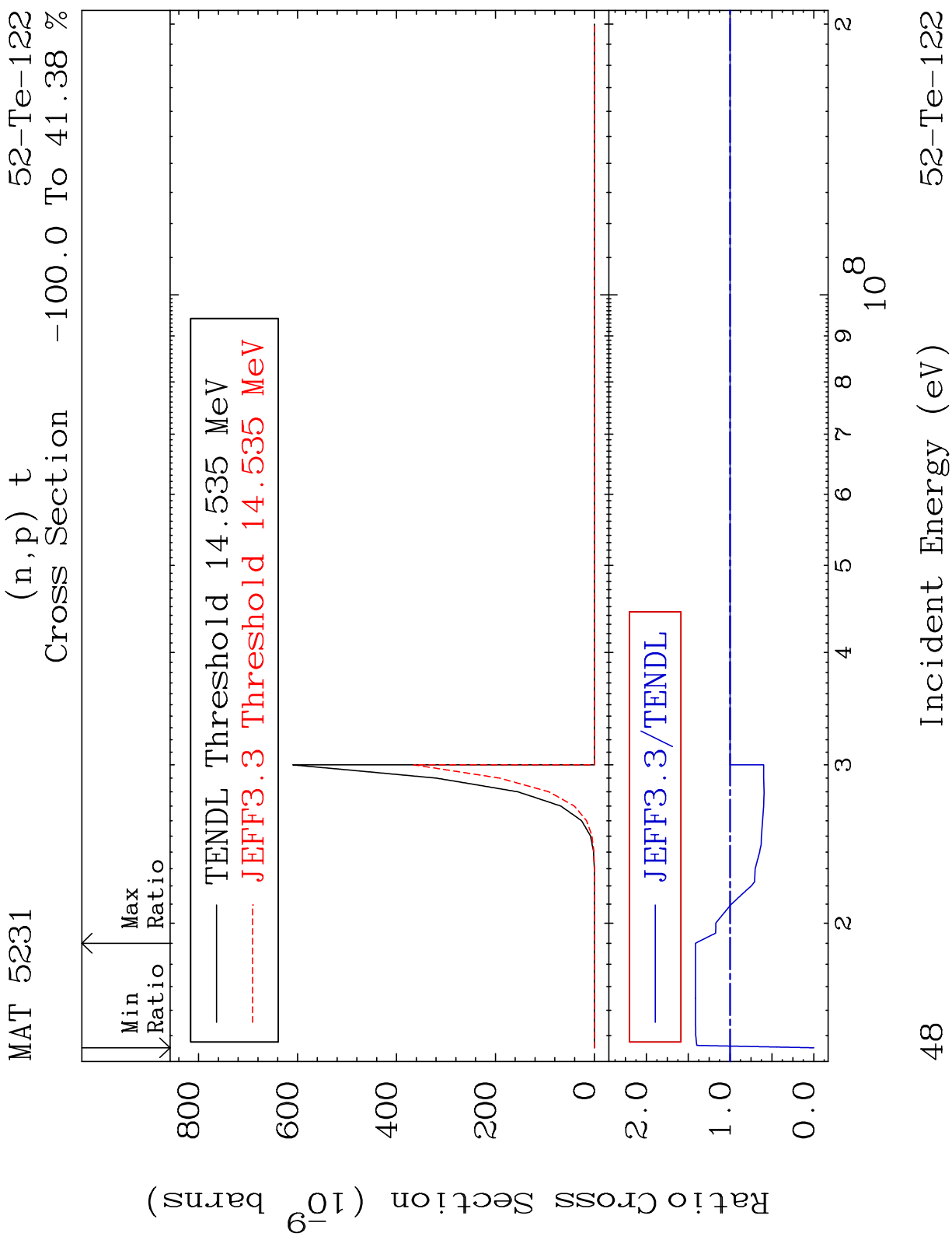
Cross Section -100.0 To 0.000 %



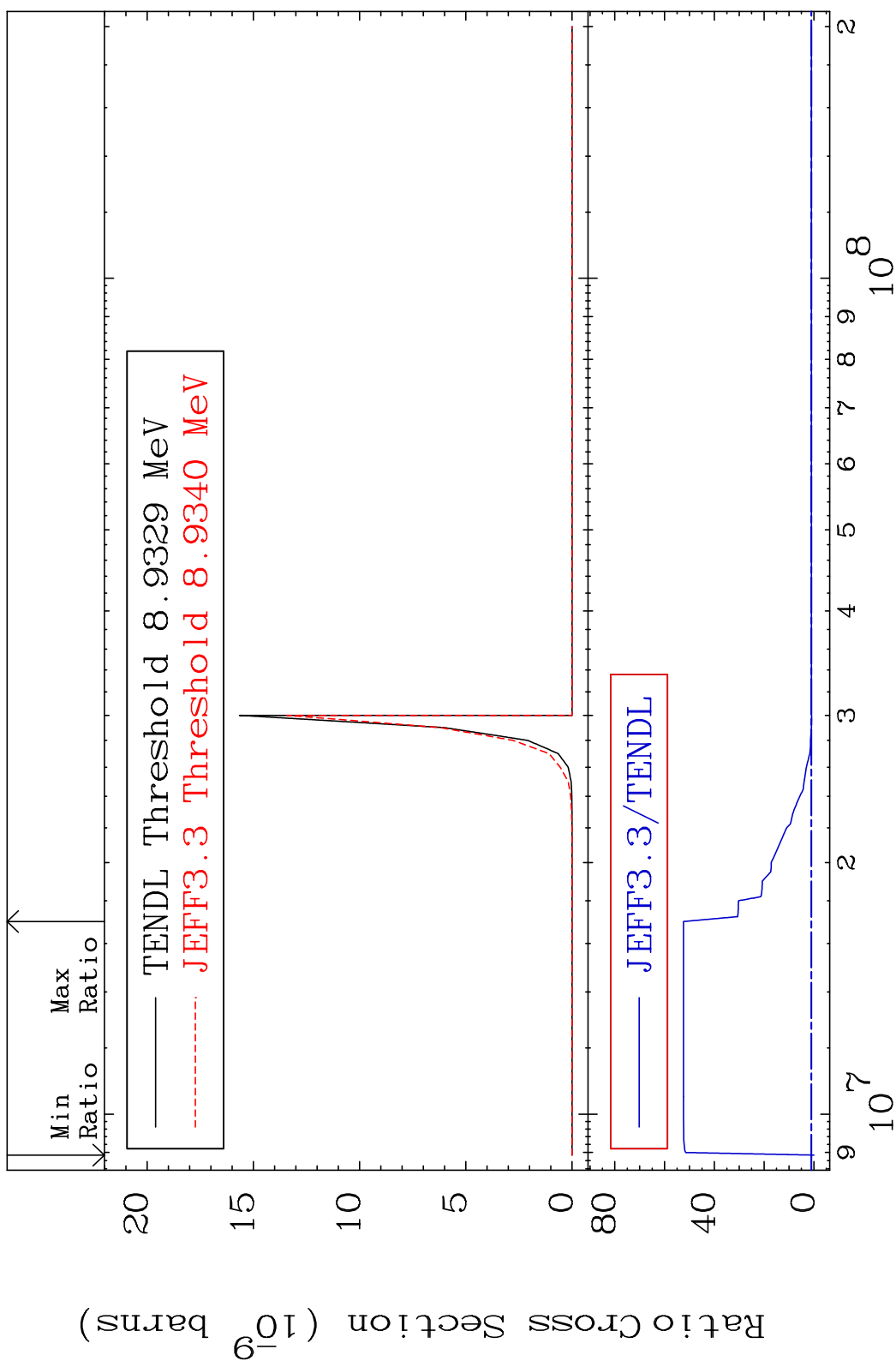
47

Incident Energy (eV)

52-Te-122

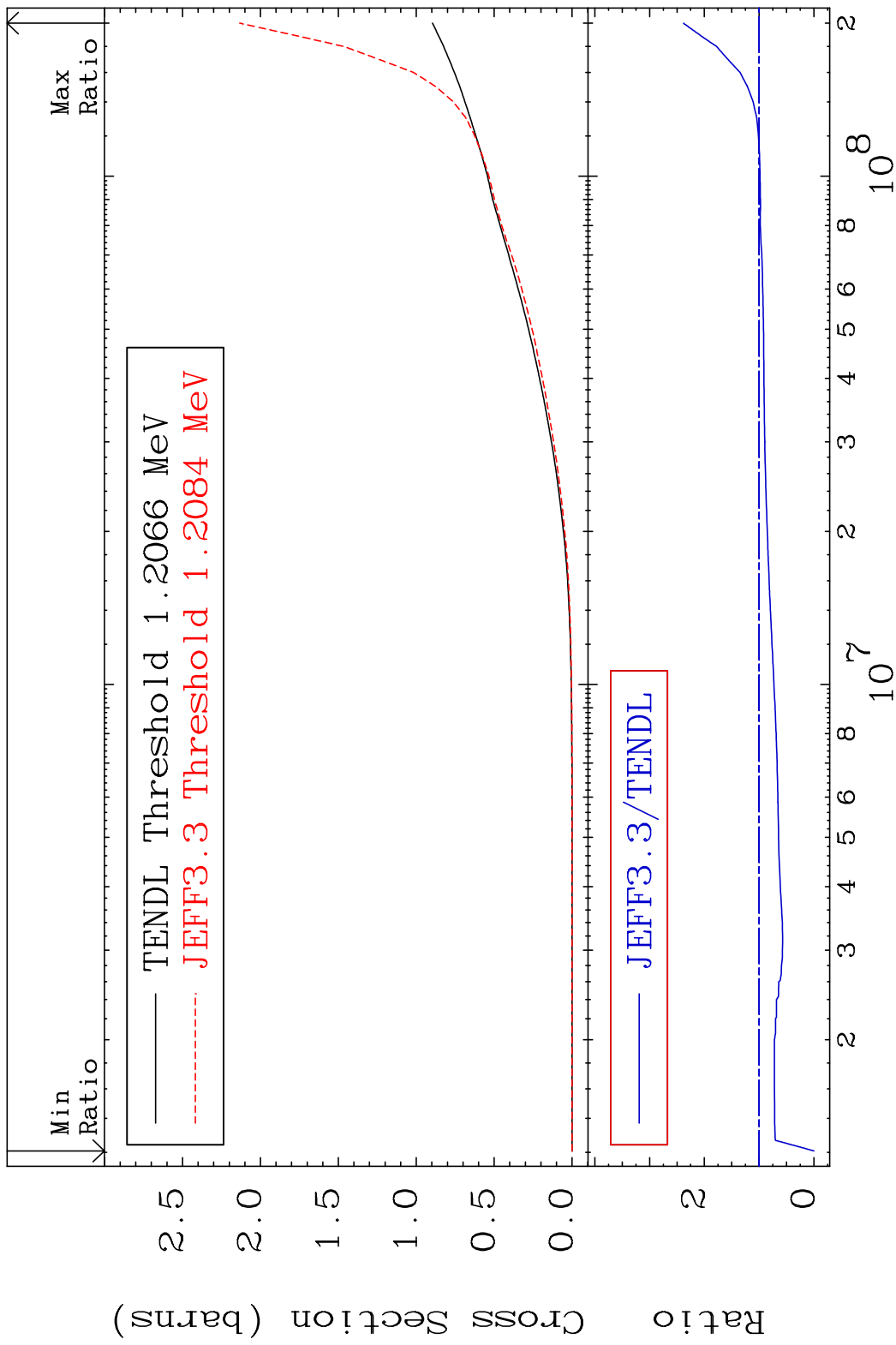


MAT 5231 (n, d) α 52-Te-122
 Cross Section -100.0 To 5142. %



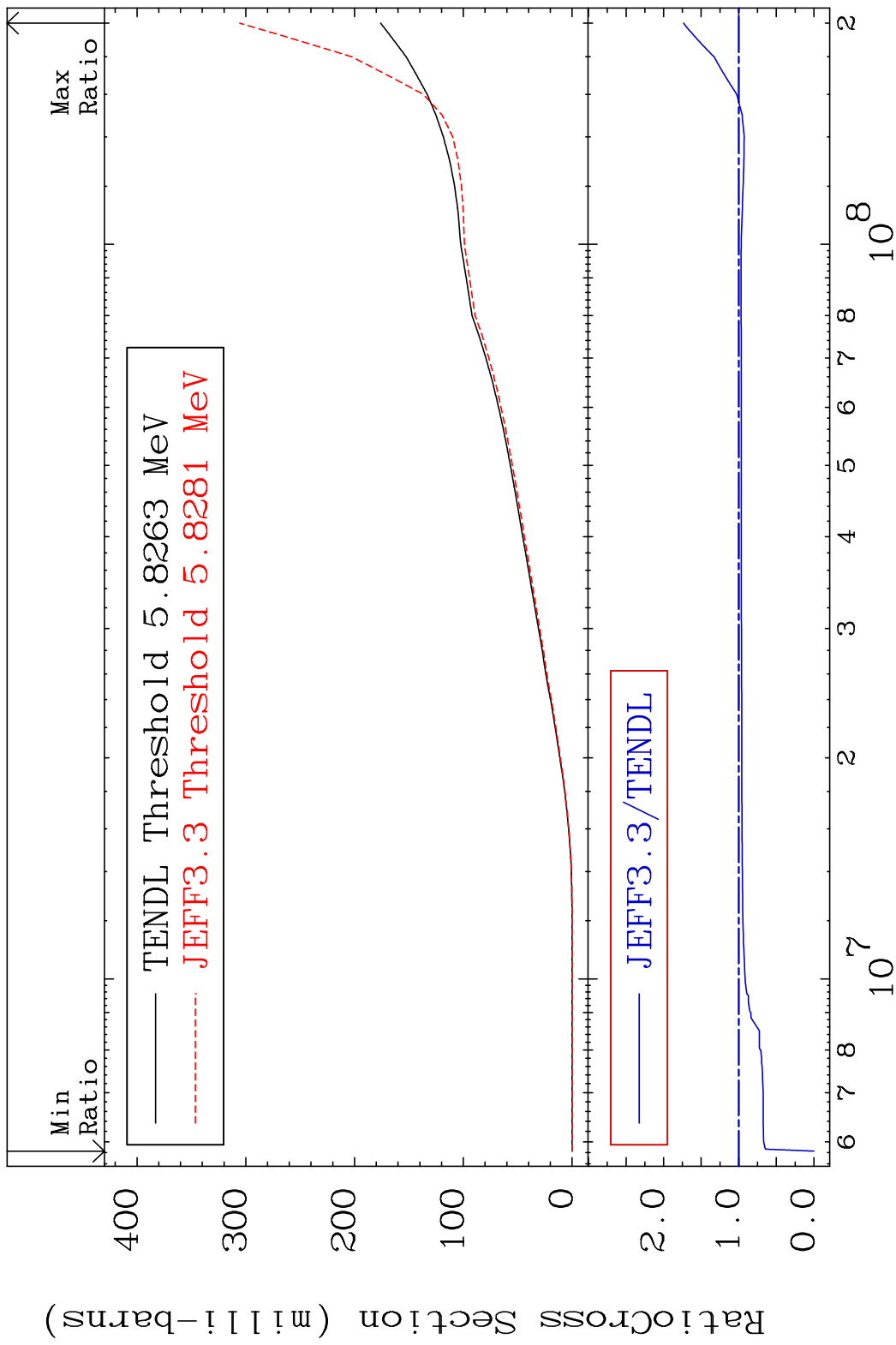
49 Incident Energy (eV) 52-Te-122

MAT 5231 Hydrogen Production 52-Te-122
 Cross Section -100.0 To 138.2 %



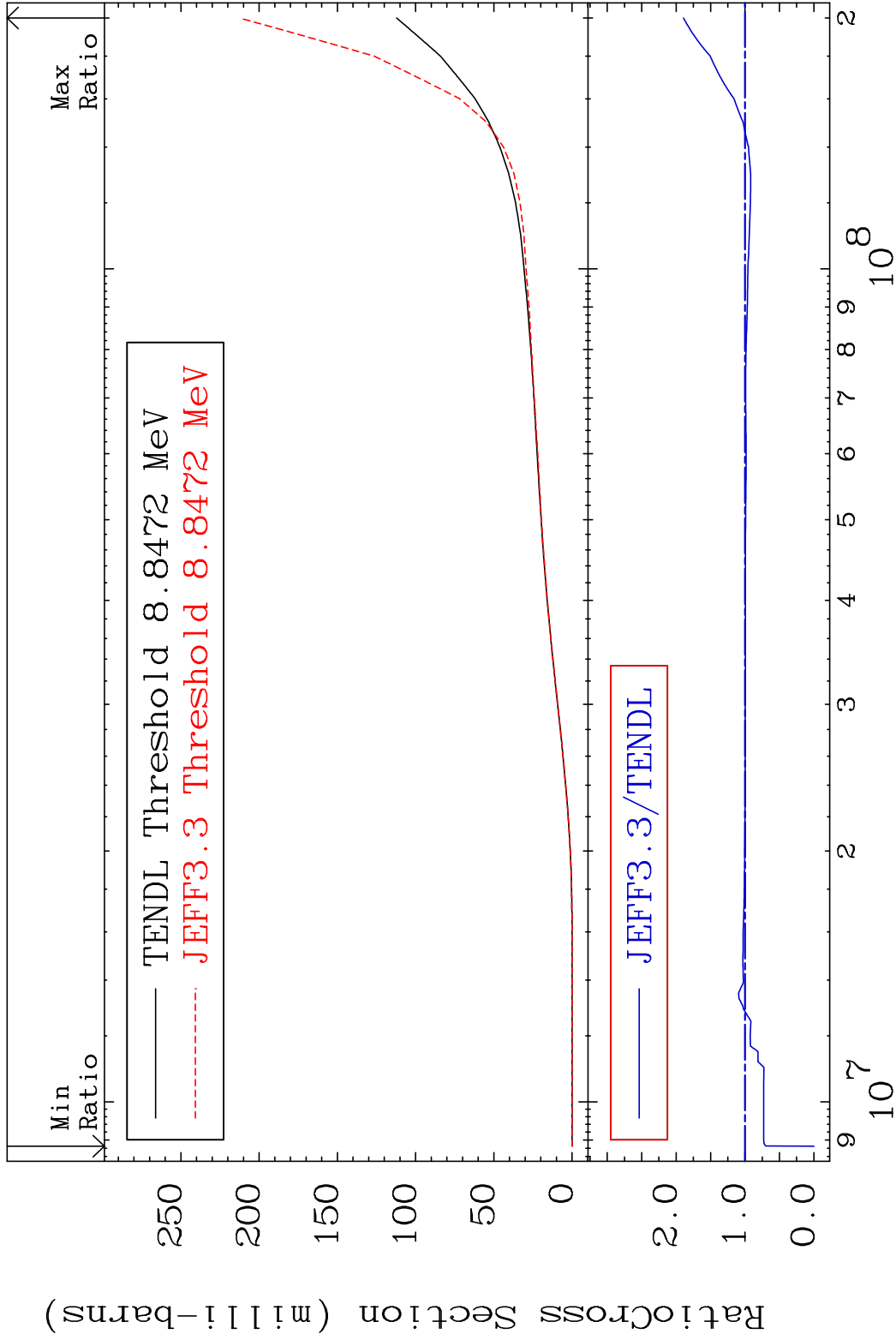
50 52-Te-122

MAT 5231 Deuterium Production 52-Te-122
 Cross Section -100.0 To 73.61 %



51 Incident Energy (eV) 52-Te-122

MAT 5231 Tritium Production 52-Te-122
 Cross Section -100.0 To 89.38 %



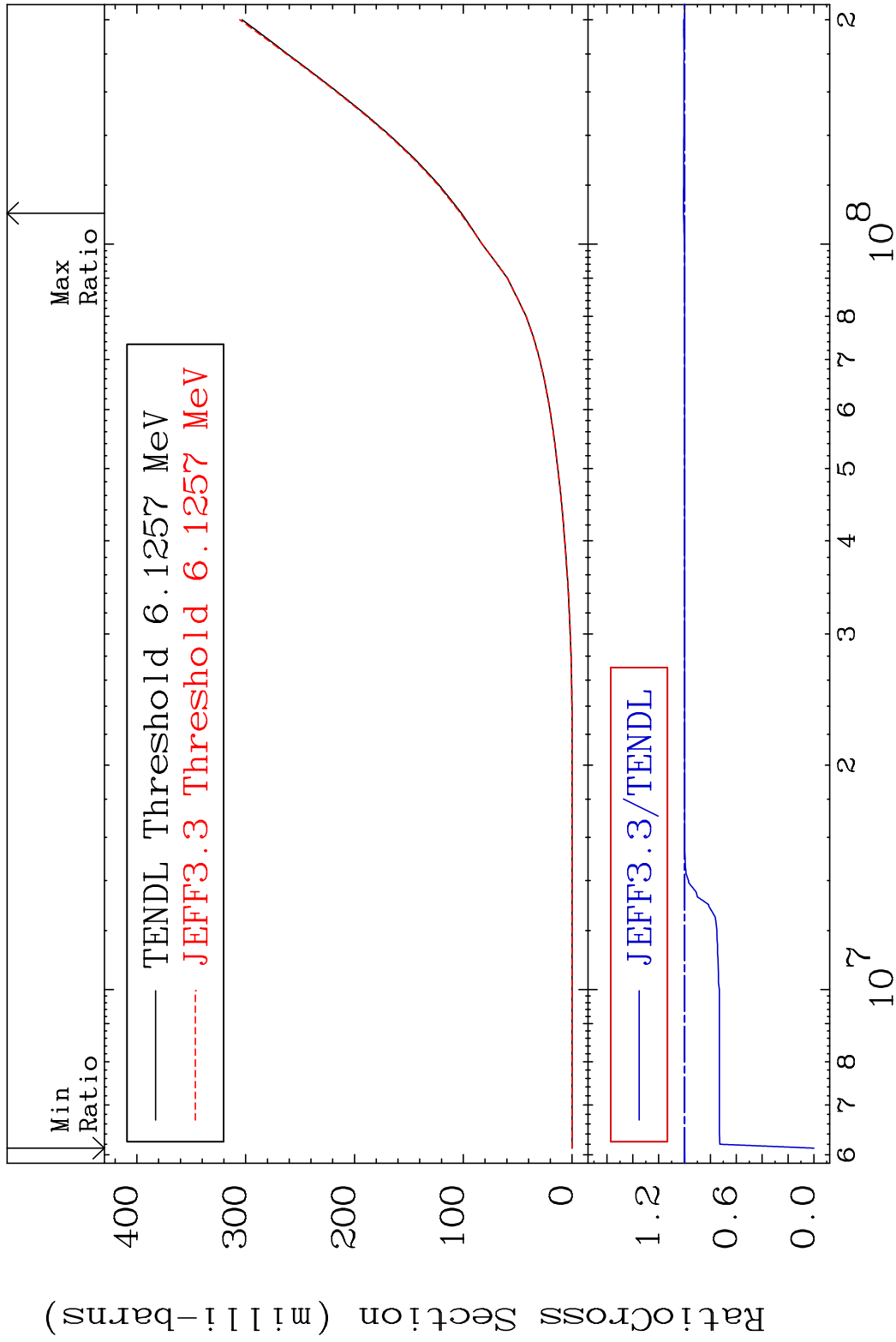
52 52-Te-122

MAT 5231

He-3 Production

52-Te-122

Cross Section -100.0 To 0.842 %

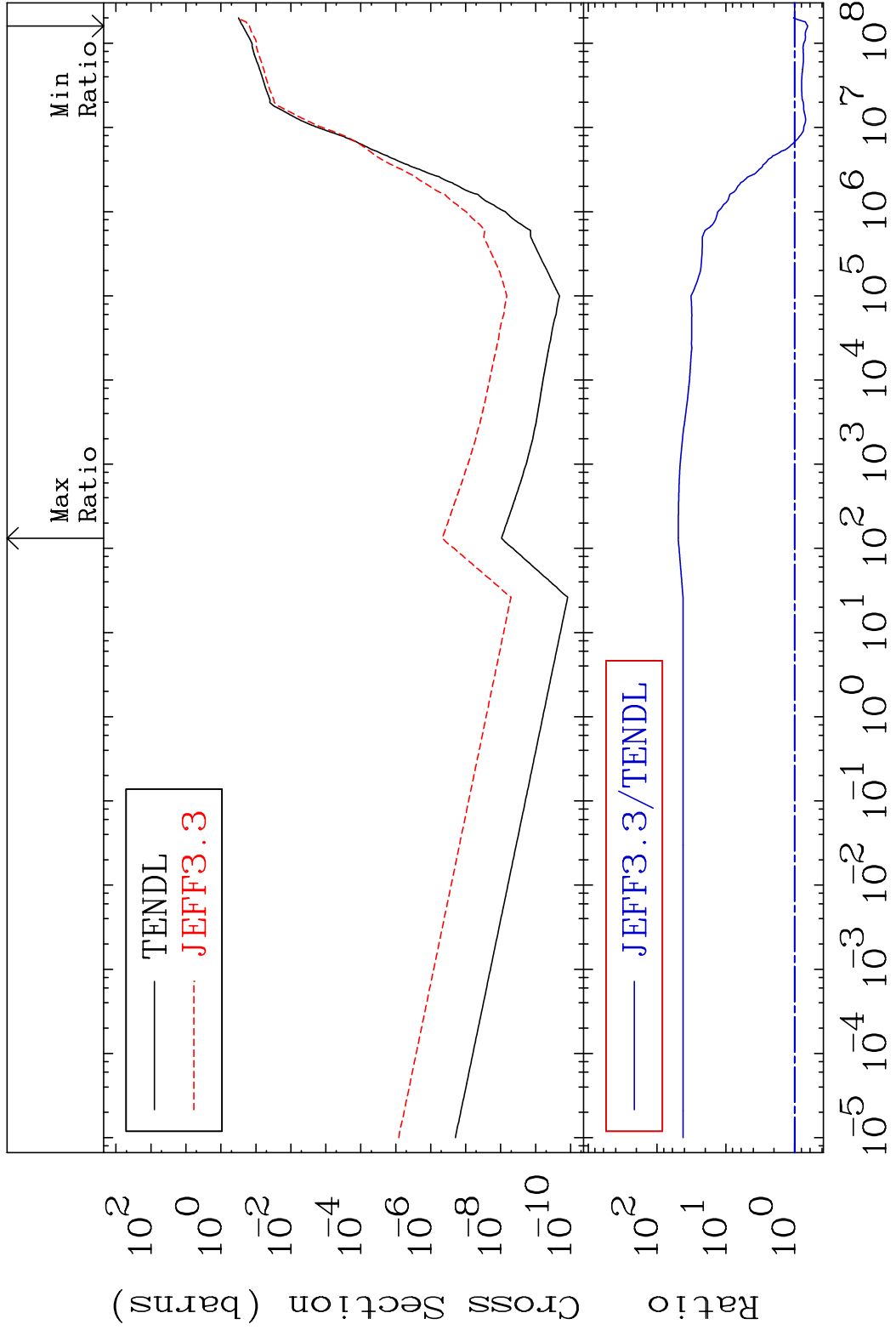


53

Incident Energy (eV)

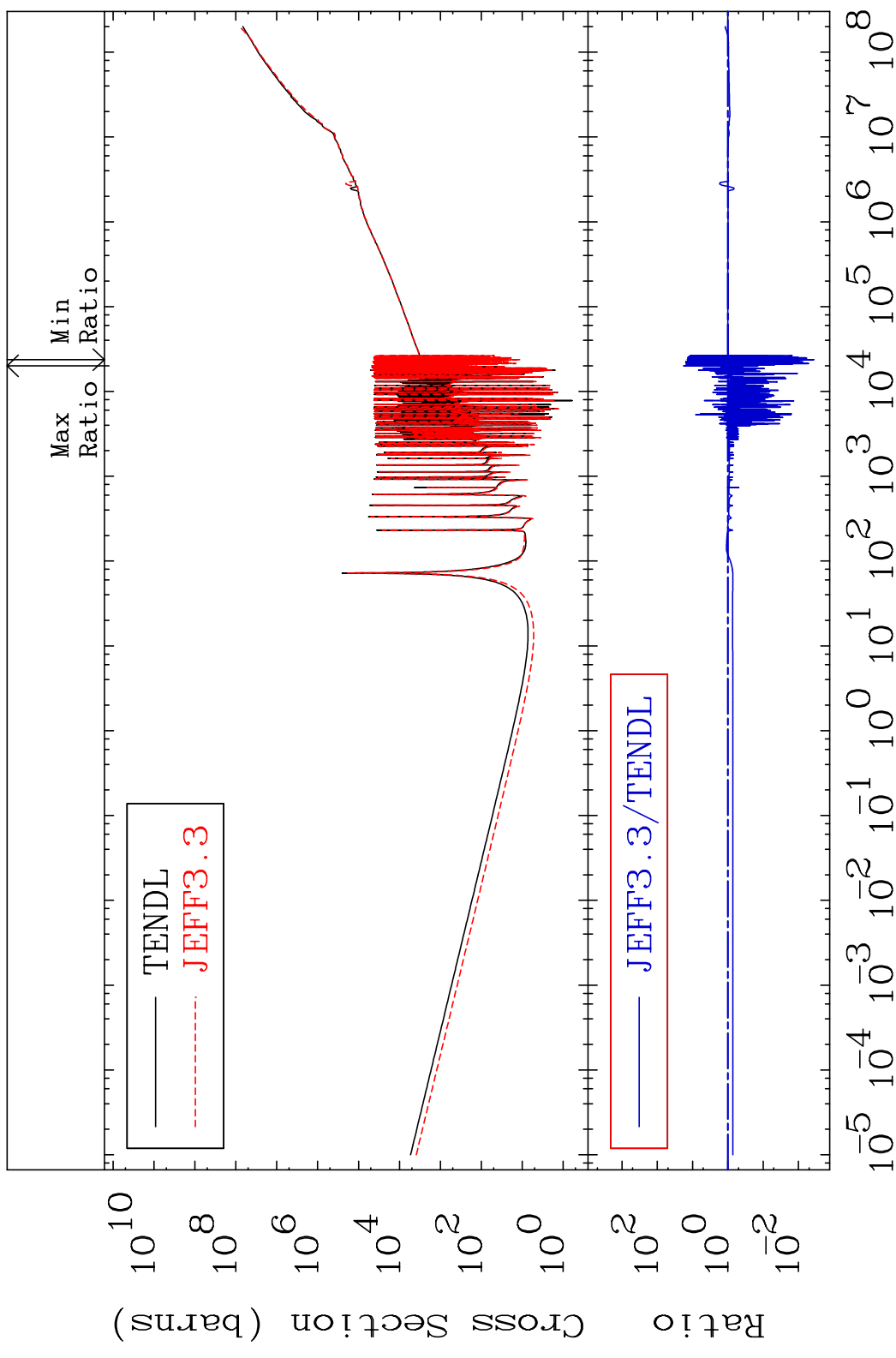
52-Te-122

MAT 5231 He-4 Production 52-Te-122
 Cross Section -35.29 To 4820. %



54 Incident Energy (eV) 52-Te-122

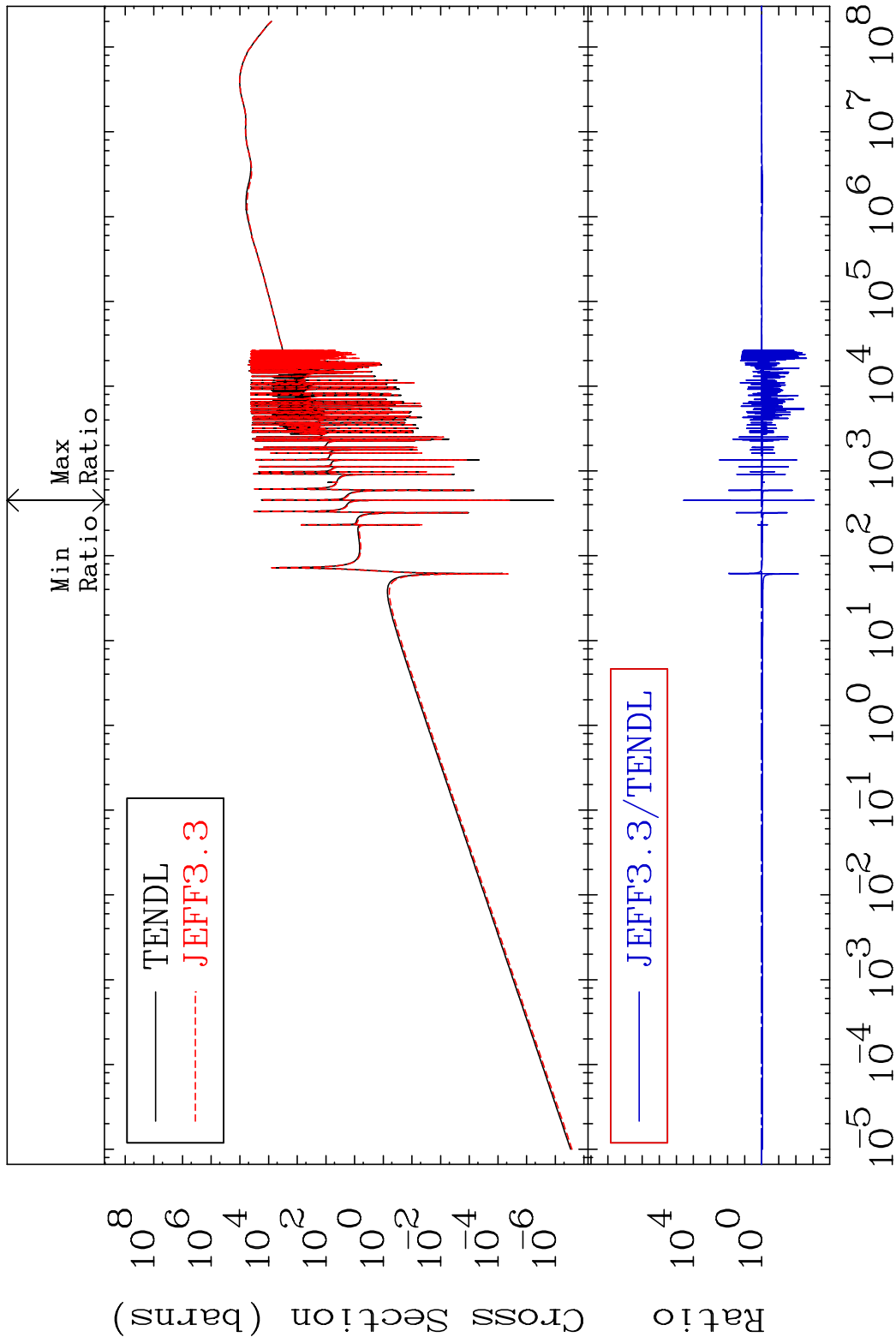
MAT 5231 Kerma total (eV-barns) 52-Te-122
 Cross Section -99.63 To 1715. %



55 Incident Energy (eV) 52-Te-122

MAT 5231

Kerma elastic Cross Section -99.91 To 9999. %
52-Te-122

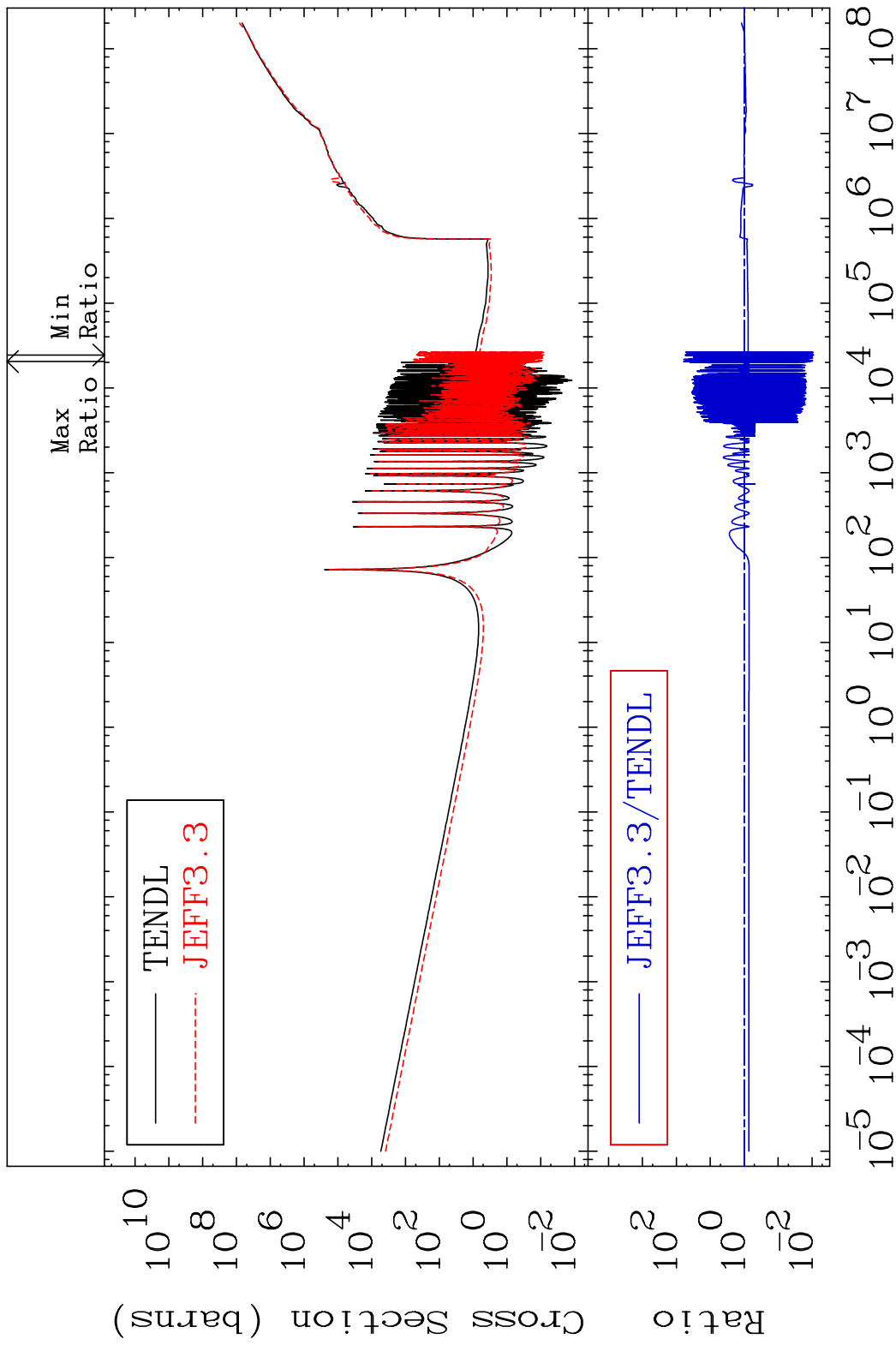


56

Incident Energy (eV)

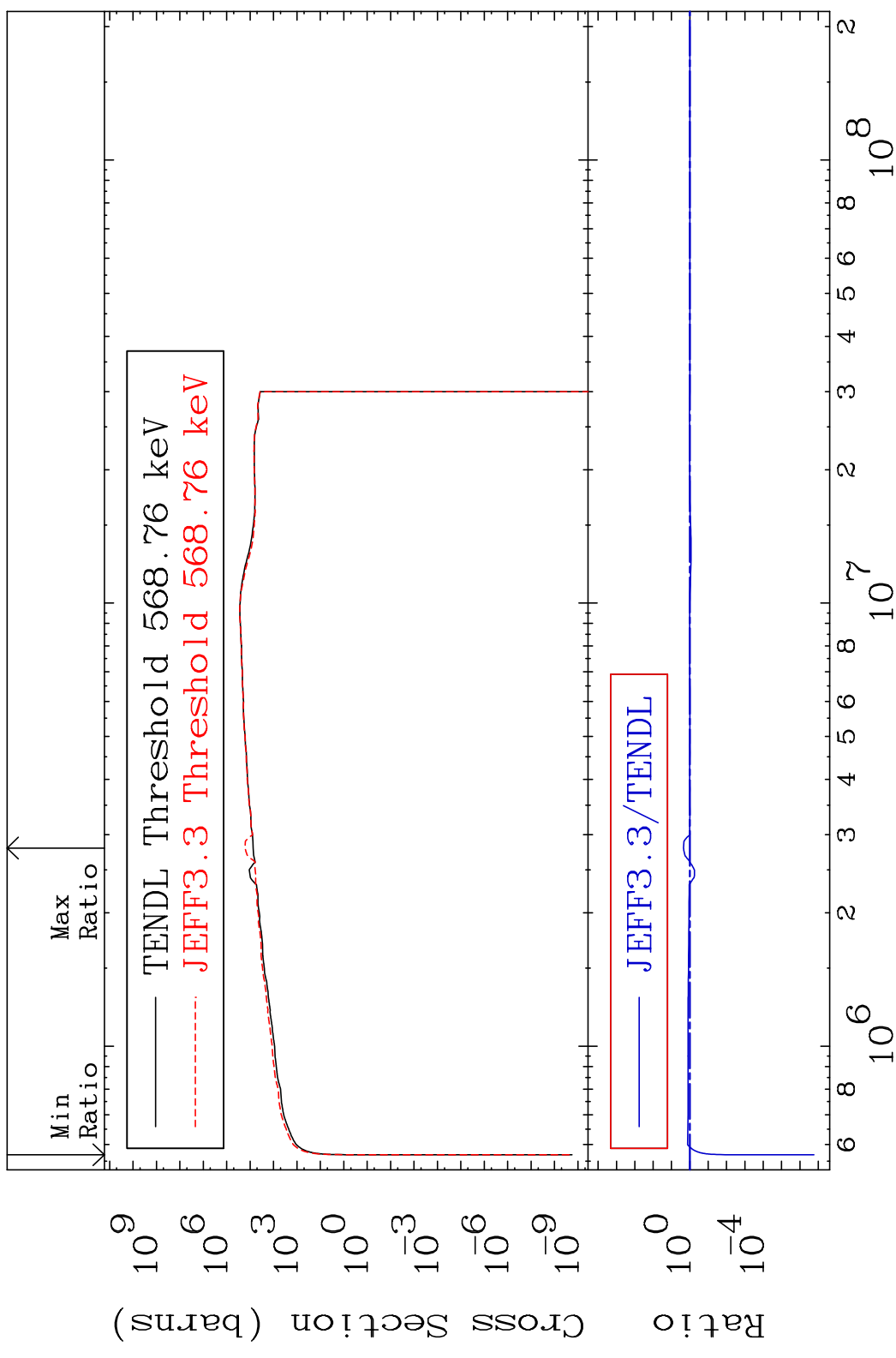
52-Te-122

MAT 5231 Kerma non-elastic (all but mt2) 52-Te-122
 Cross Section -99.12 To 6085. %

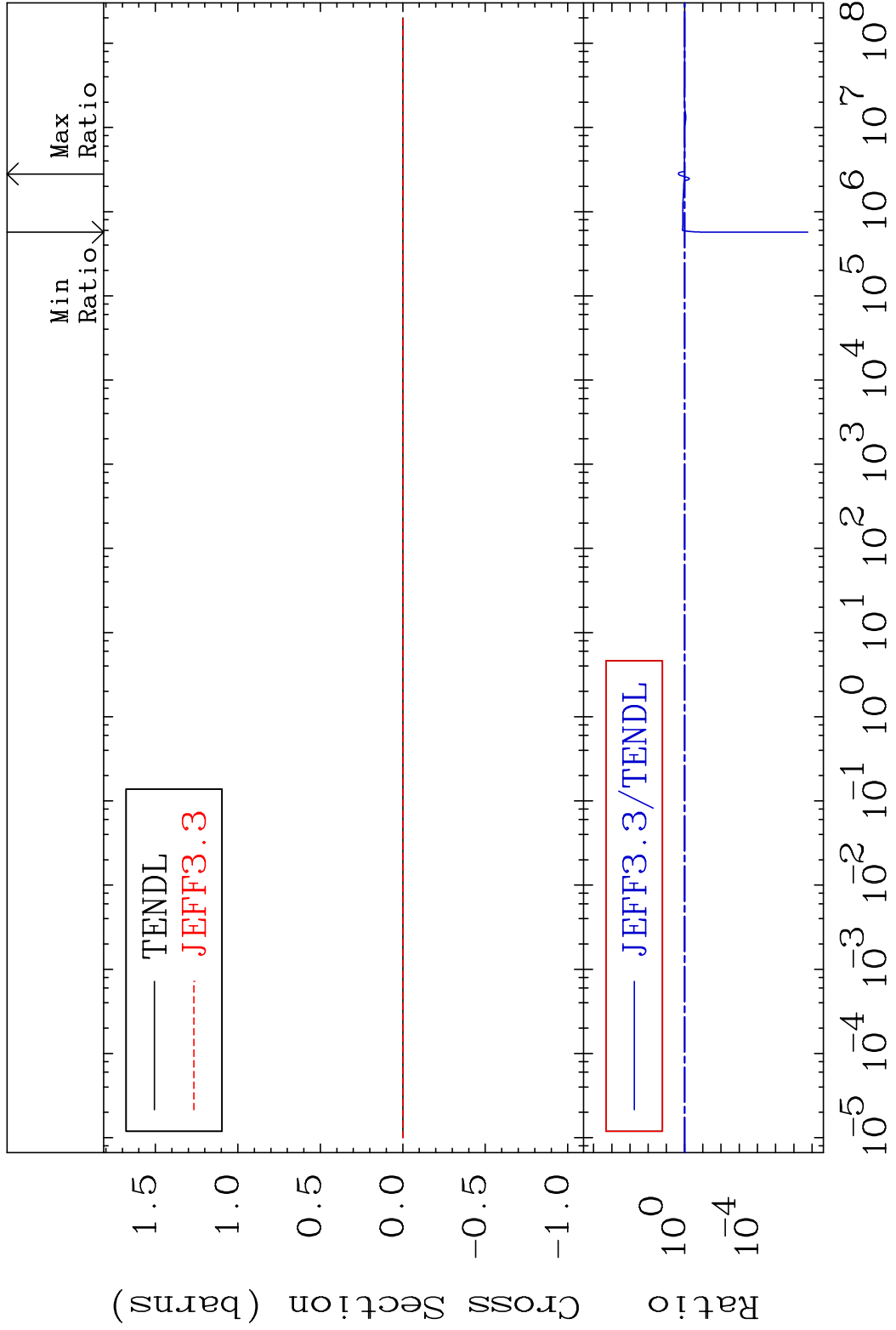


57 Incident Energy (eV) 52-Te-122

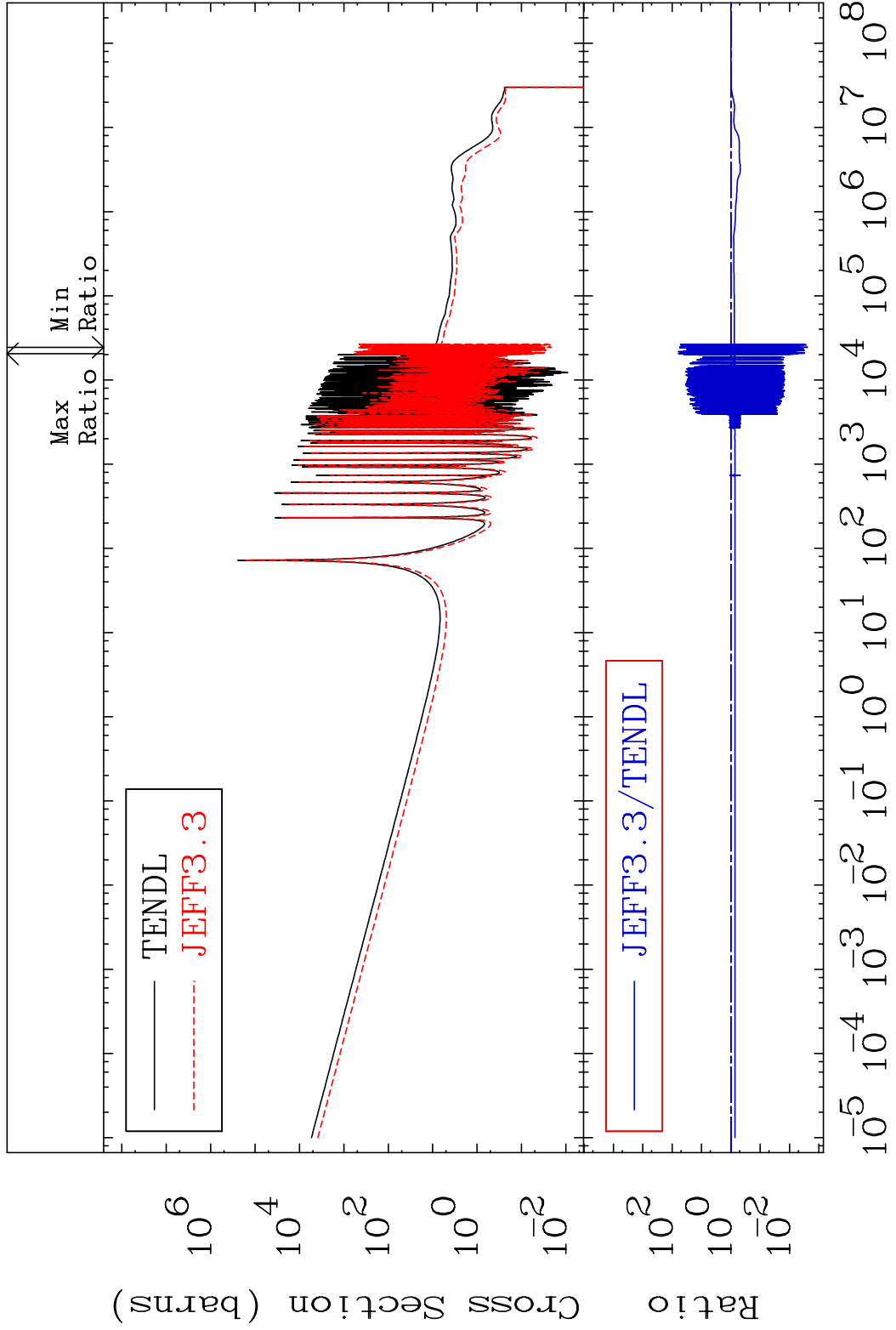
MAT 5231 Kerma inelastic (mt51-91) 52-Te-122
 Cross Section -100.0 To 122.8 %



MAT 5231 Kerma fission (mt18 or mt19-20-21-38) 52-Te-122
 Cross Section -100.0 To 122.8 %

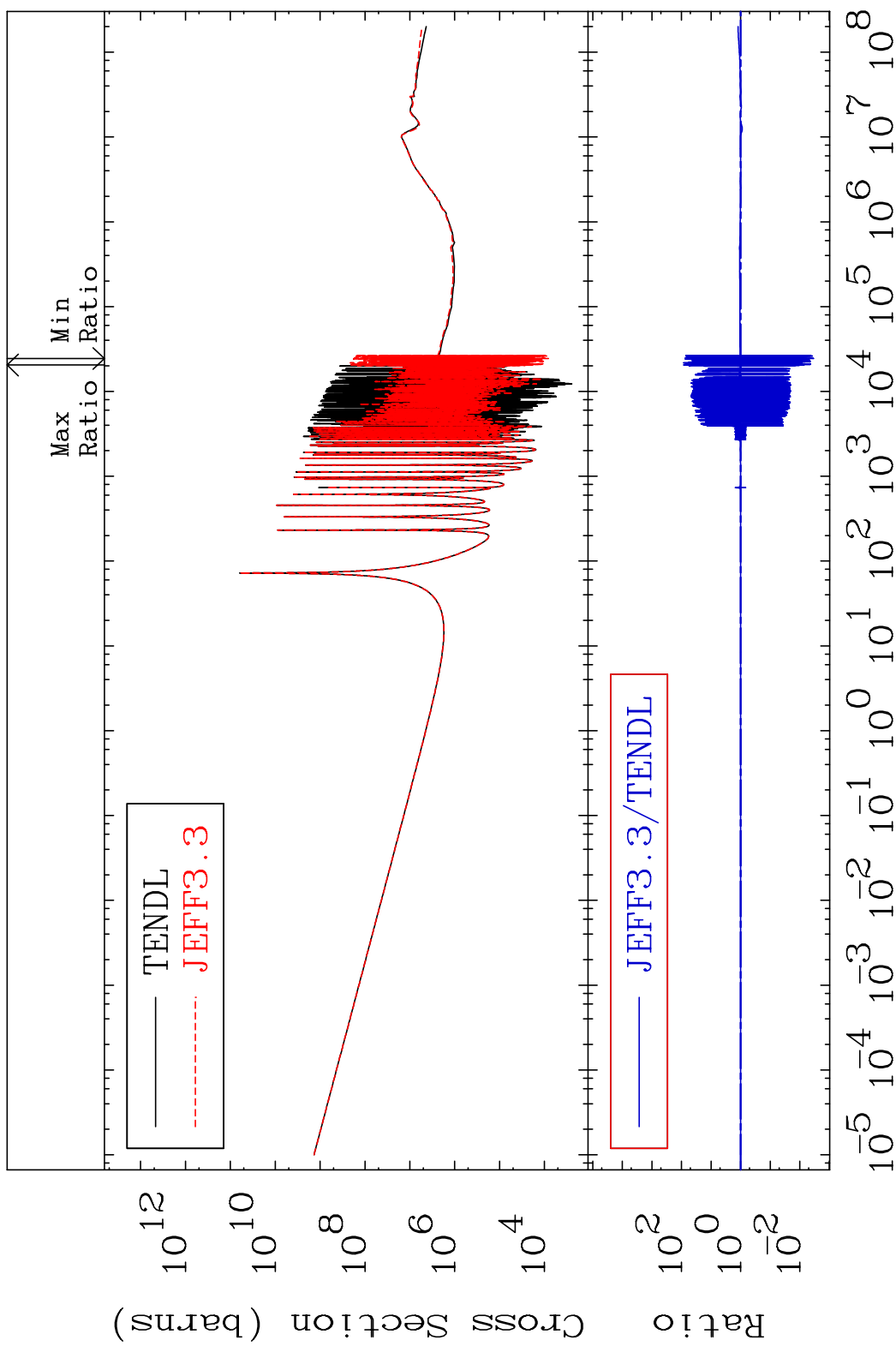


MAT 5231 Kerma capture (mt102) 52-Te-122
Cross Section -99.76 To 6086. %

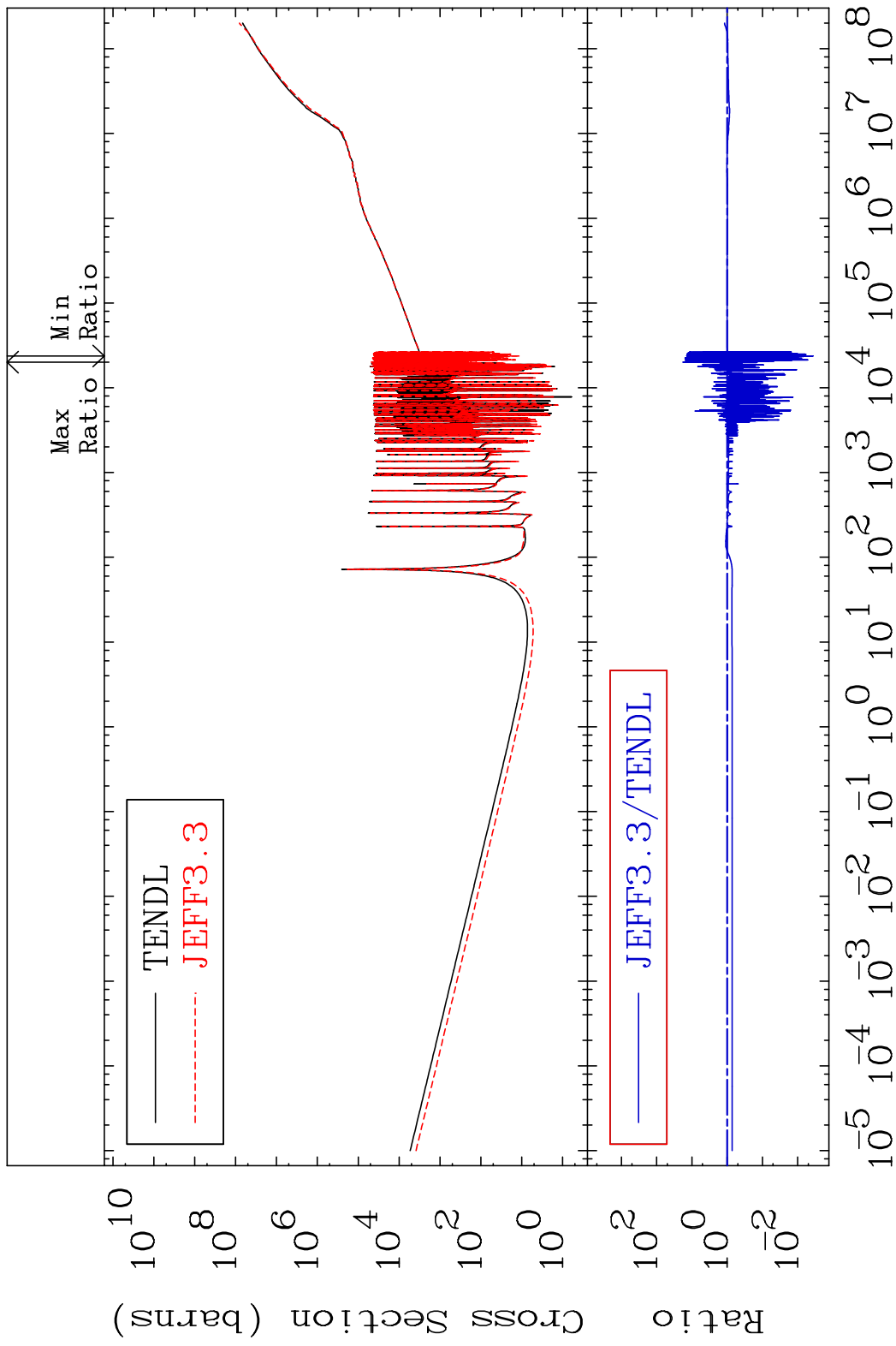


60 Incident Energy (eV) 52-Te-122

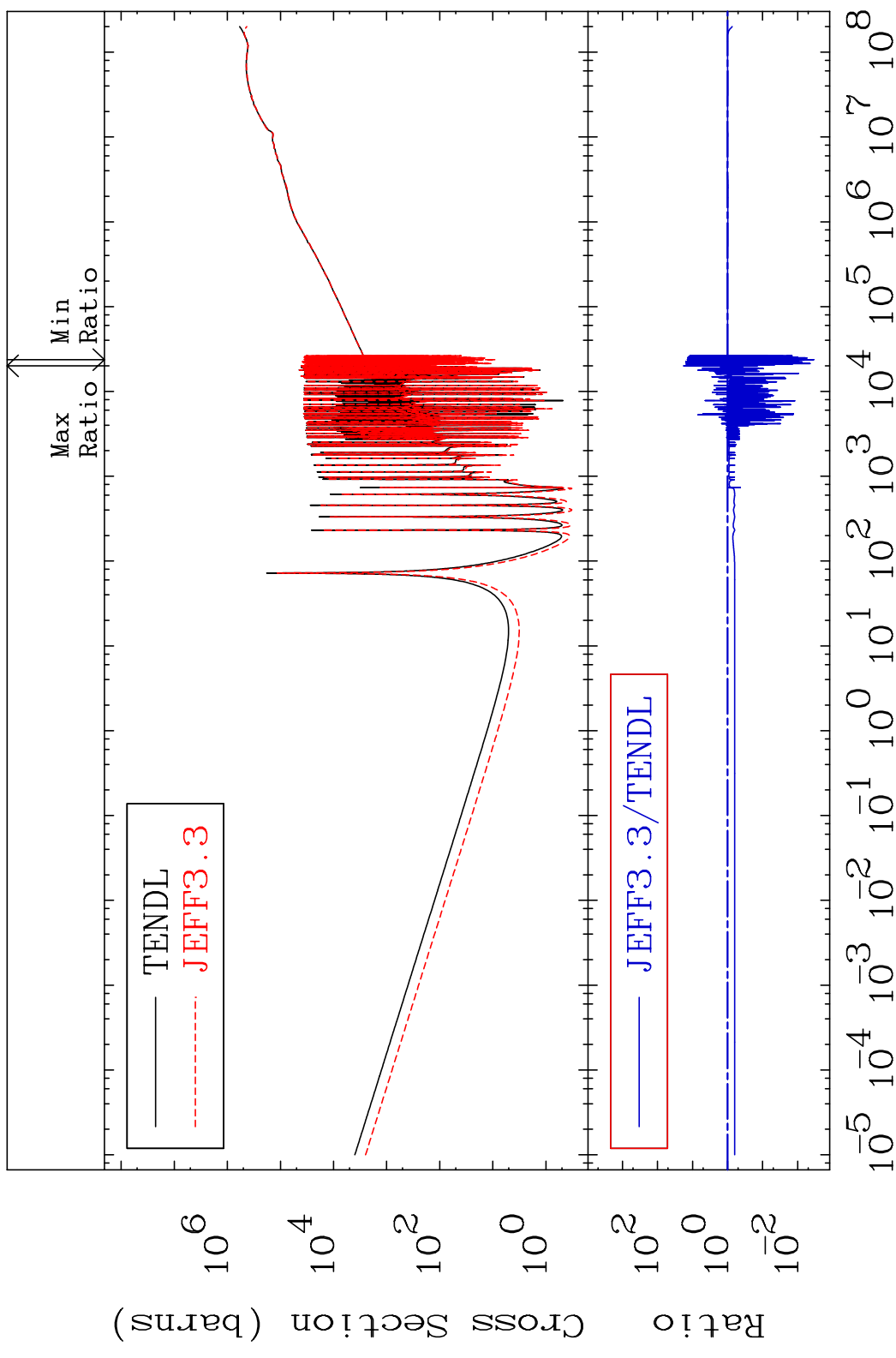
MAT 5231 Total photon (eV-barns) 52-Te-122
 Cross Section -99.67 To 8474. %



MAT 5231 Total kinematic kerma (high limit) 52-Te-122
 Cross Section -99.63 To 1715. %



MAT 5231 Dpa total (eV-barns) 52-Te-122
 Cross Section -99.66 To 1715. %



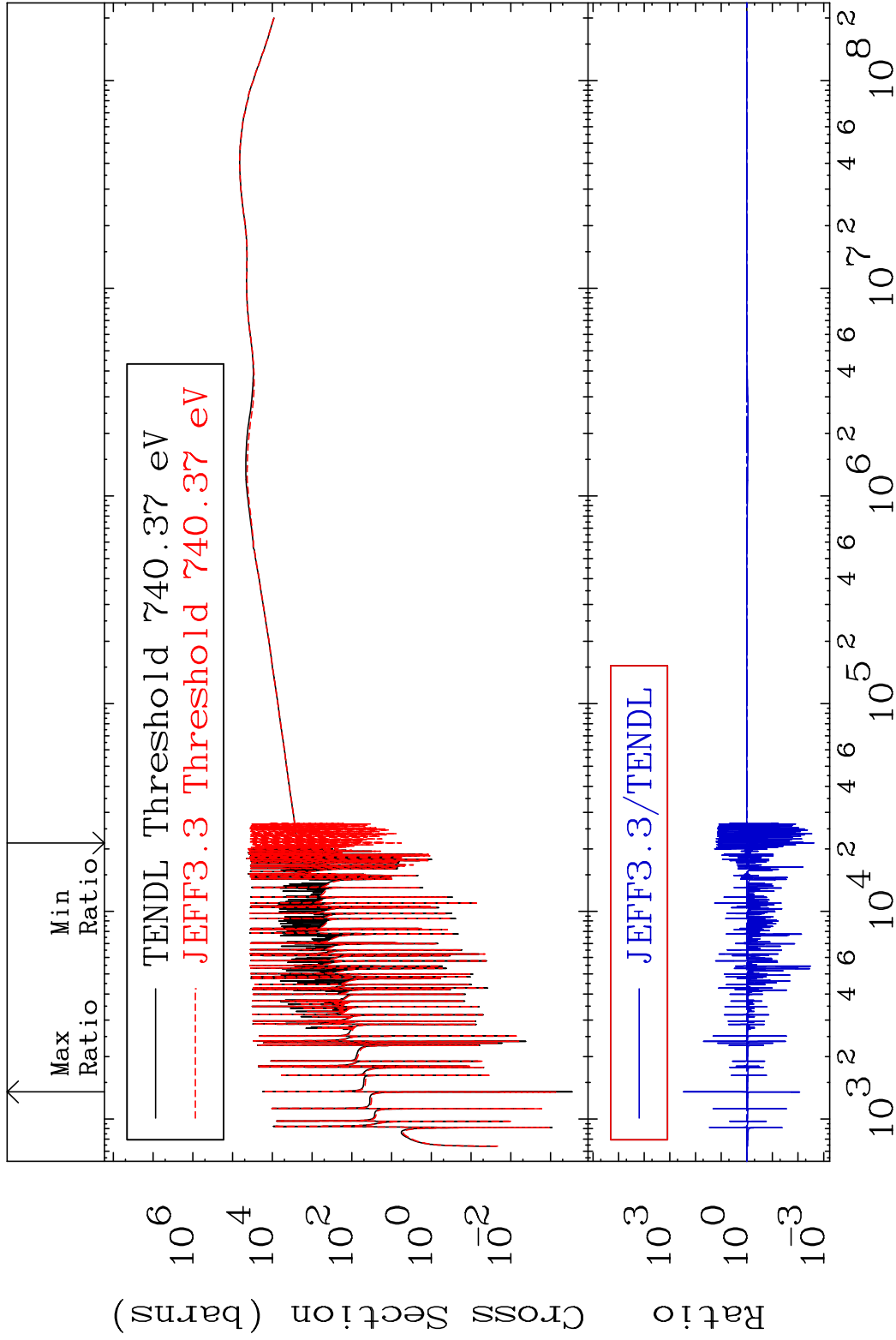
63 Incident Energy (eV) 52-Te-122

MAT 5231

Dpa elastic (mt2)

52-Te-122

Cross Section -99.76 To 9999. %

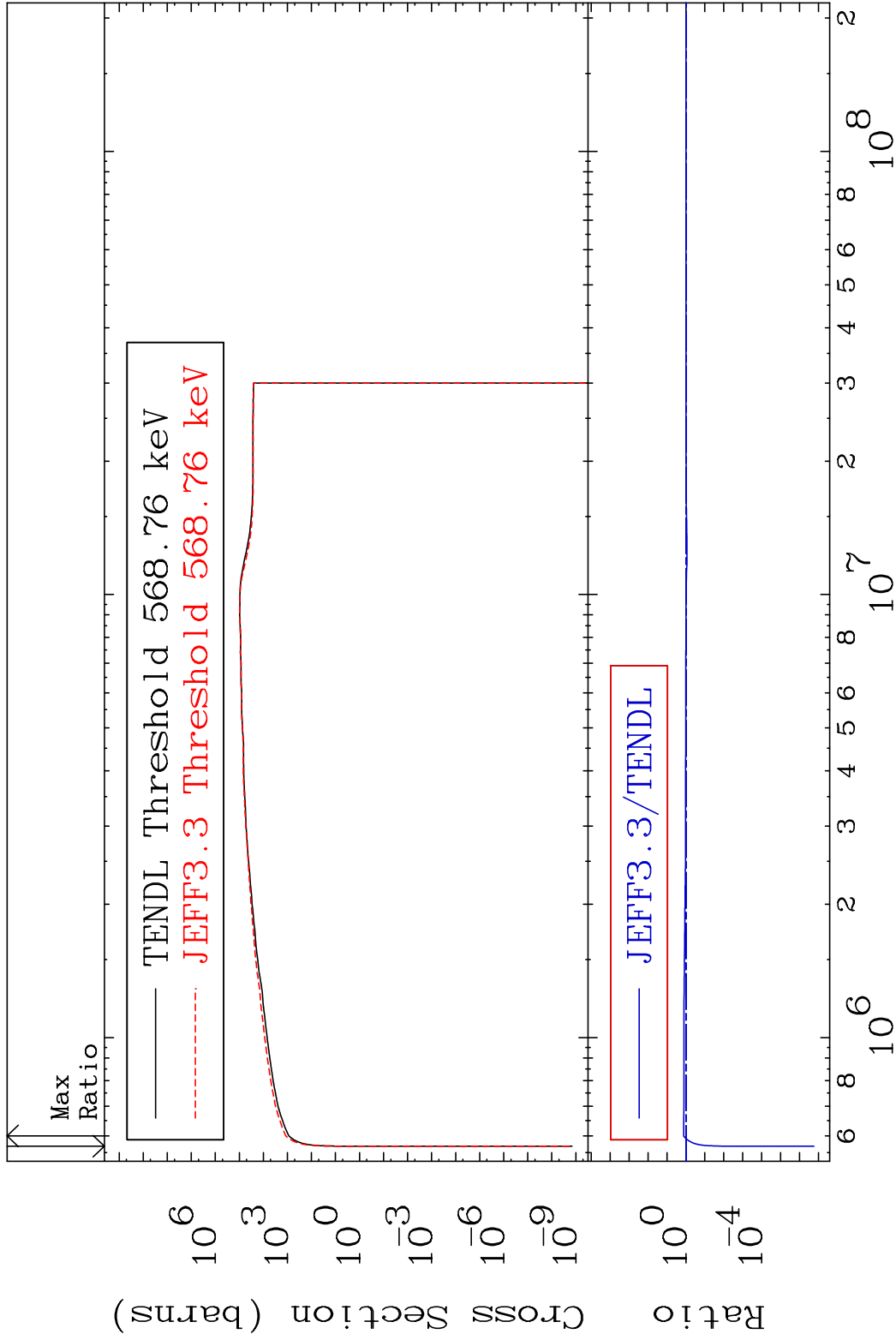


64

Incident Energy (eV)

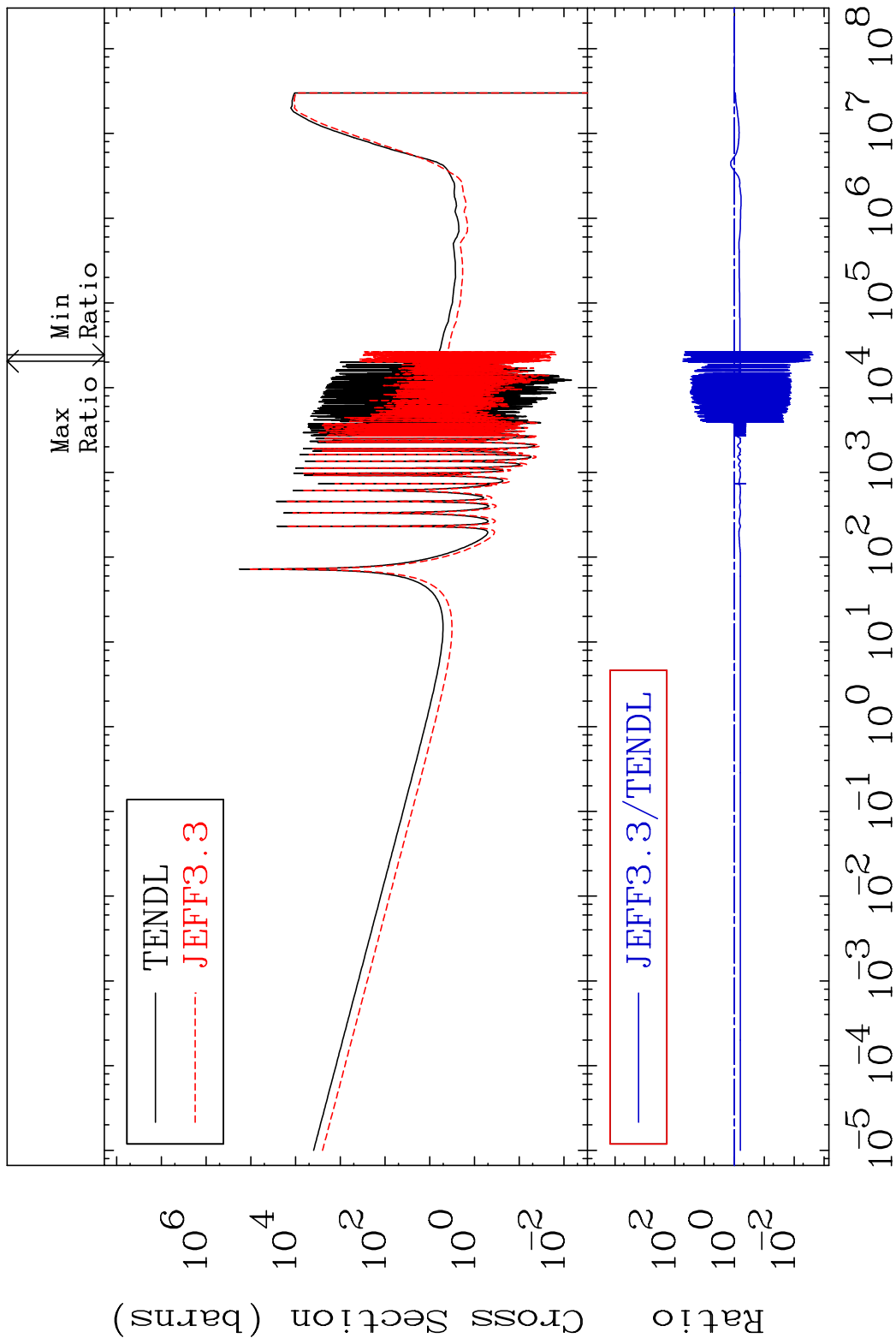
52-Te-122

MAT 5231 Dpa inelastic (mt51-91) 52-Te-122
Cross Section -100.0 To 34.46 %



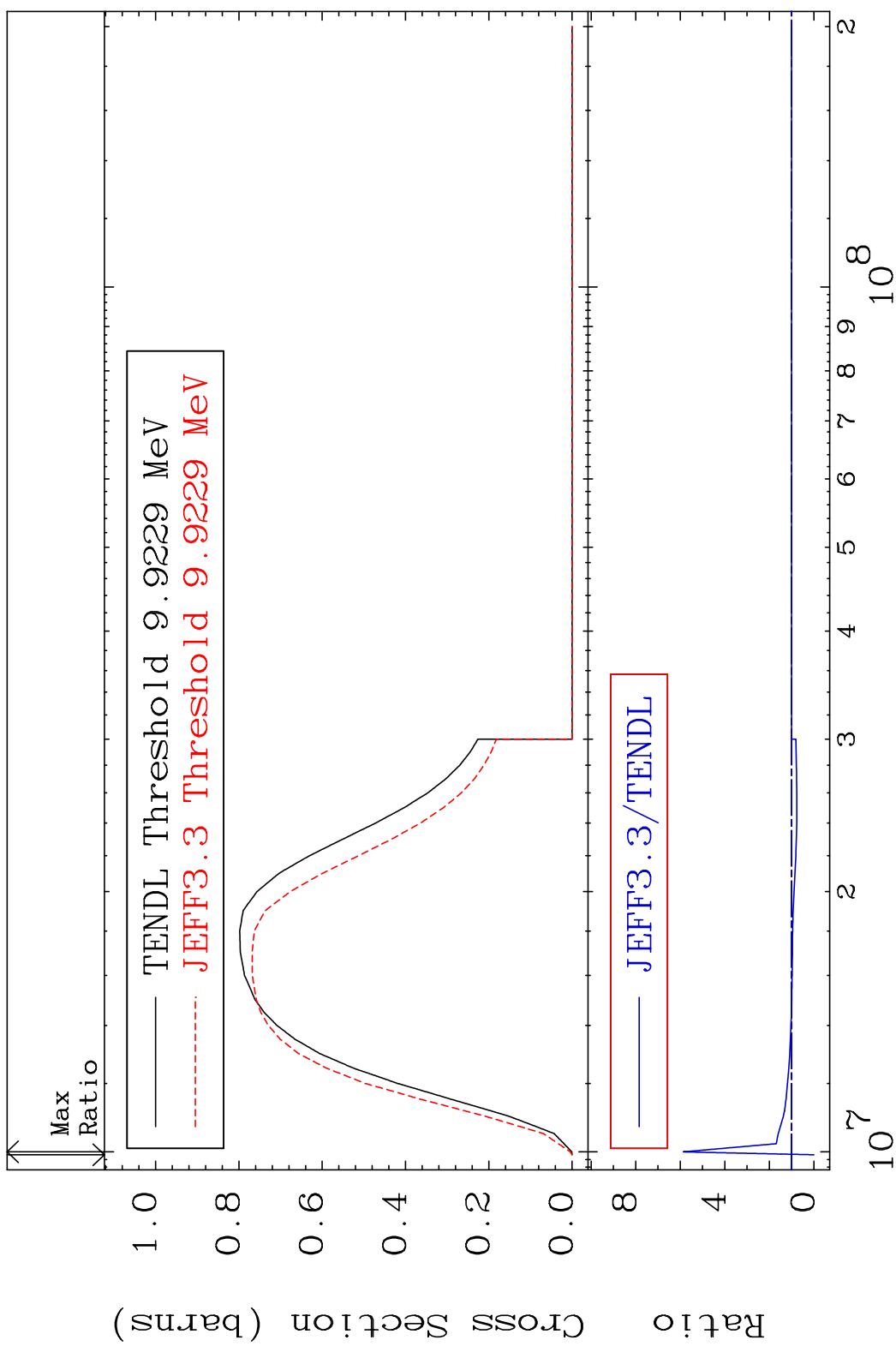
65 Incident Energy (eV) 52-Te-122

MAT 5231 Dpa disappearance (mt102 -120) 52-Te-122
 Cross Section -99.77 To 5275. %



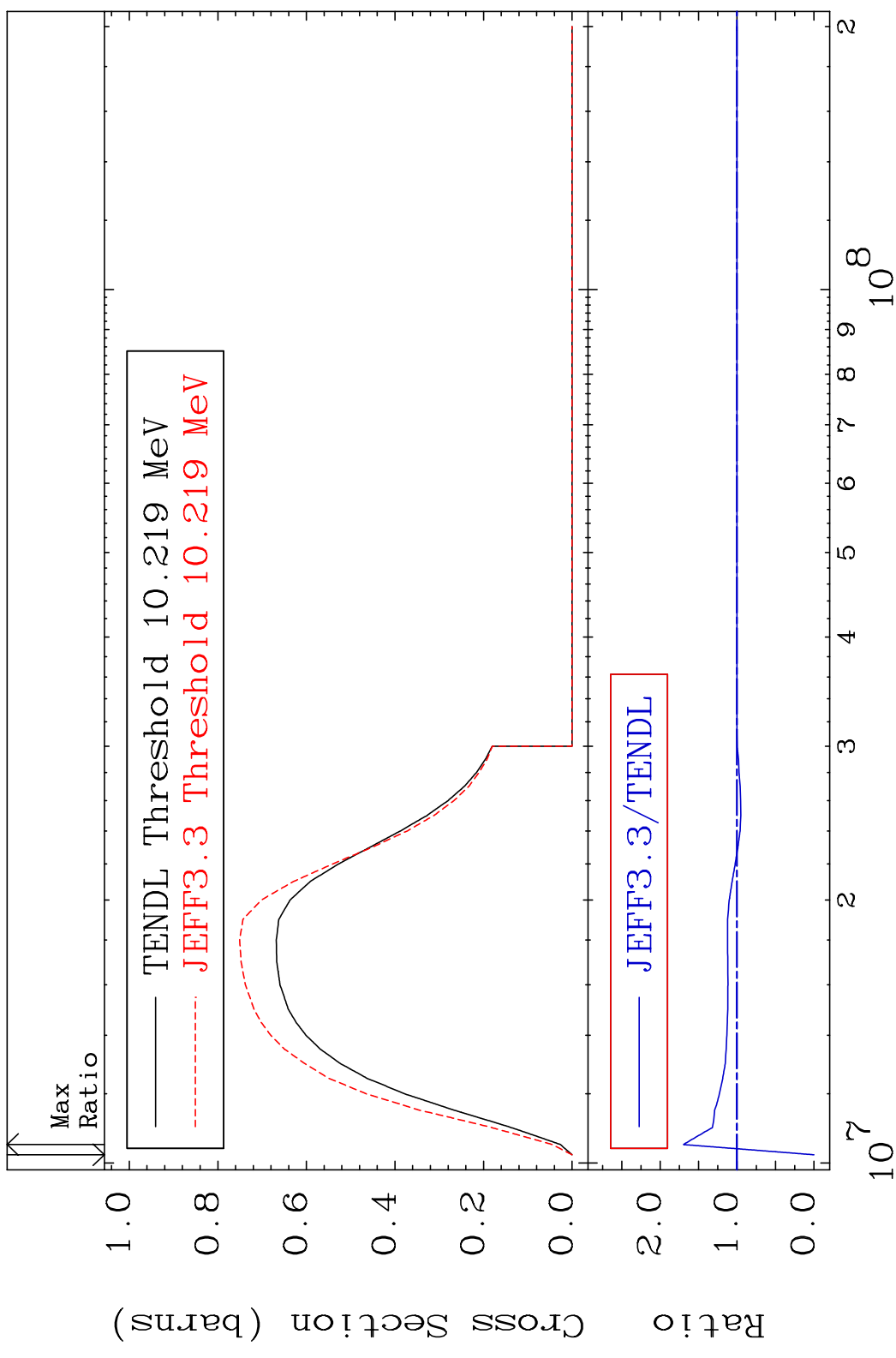
66 Incident Energy (eV) 52-Te-122

MAT 5231 (n,2n):52-Te-121g 52-Te-122
 Radionuclide Production Cross Section 485.7 %



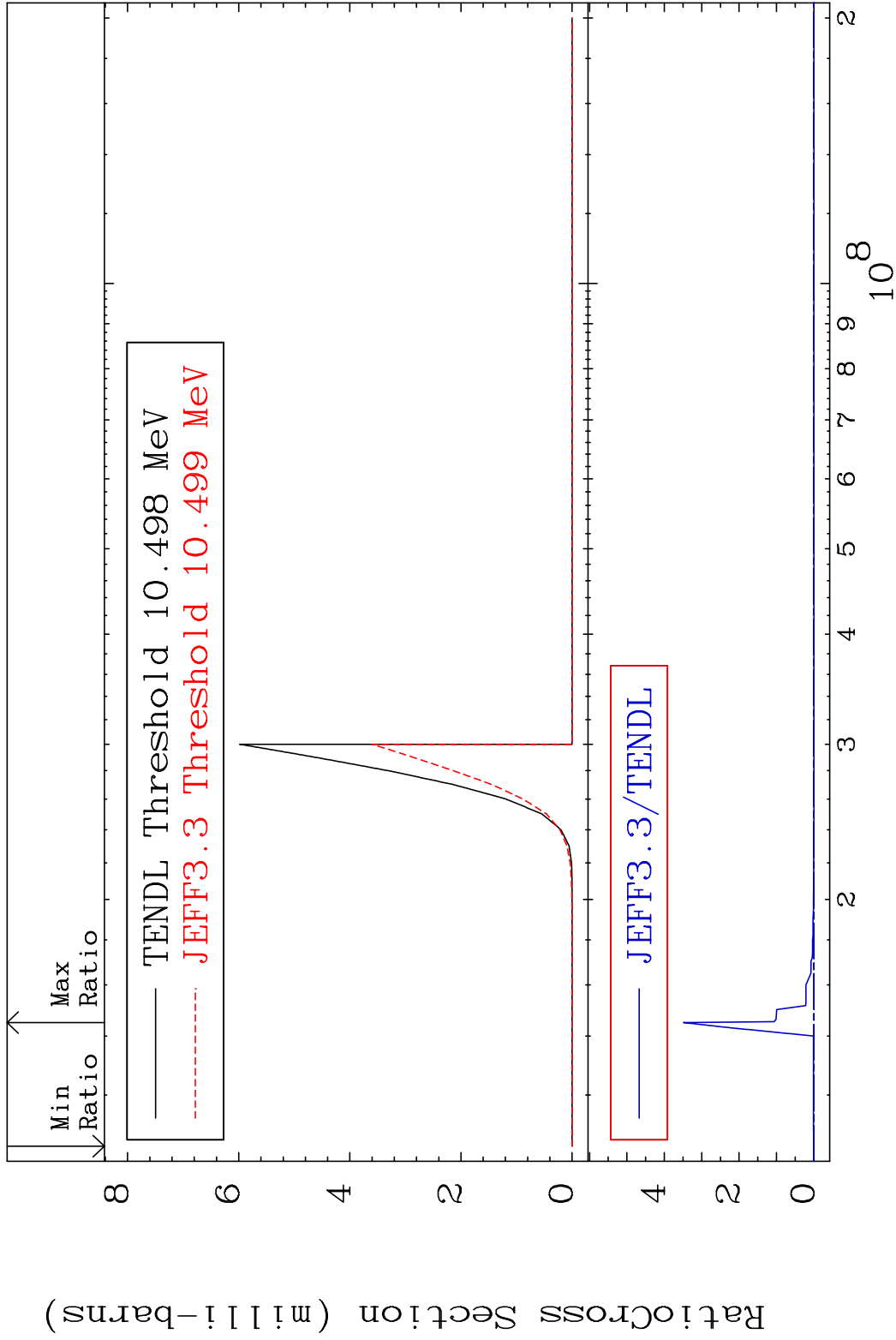
67 Incident Energy (eV) 52-Te-122

MAT 5231 (n, 2n): 52-Te-121m2 52-Te-122
 Radionuclide Production Cross Section 1800.0 d to 69.74 %

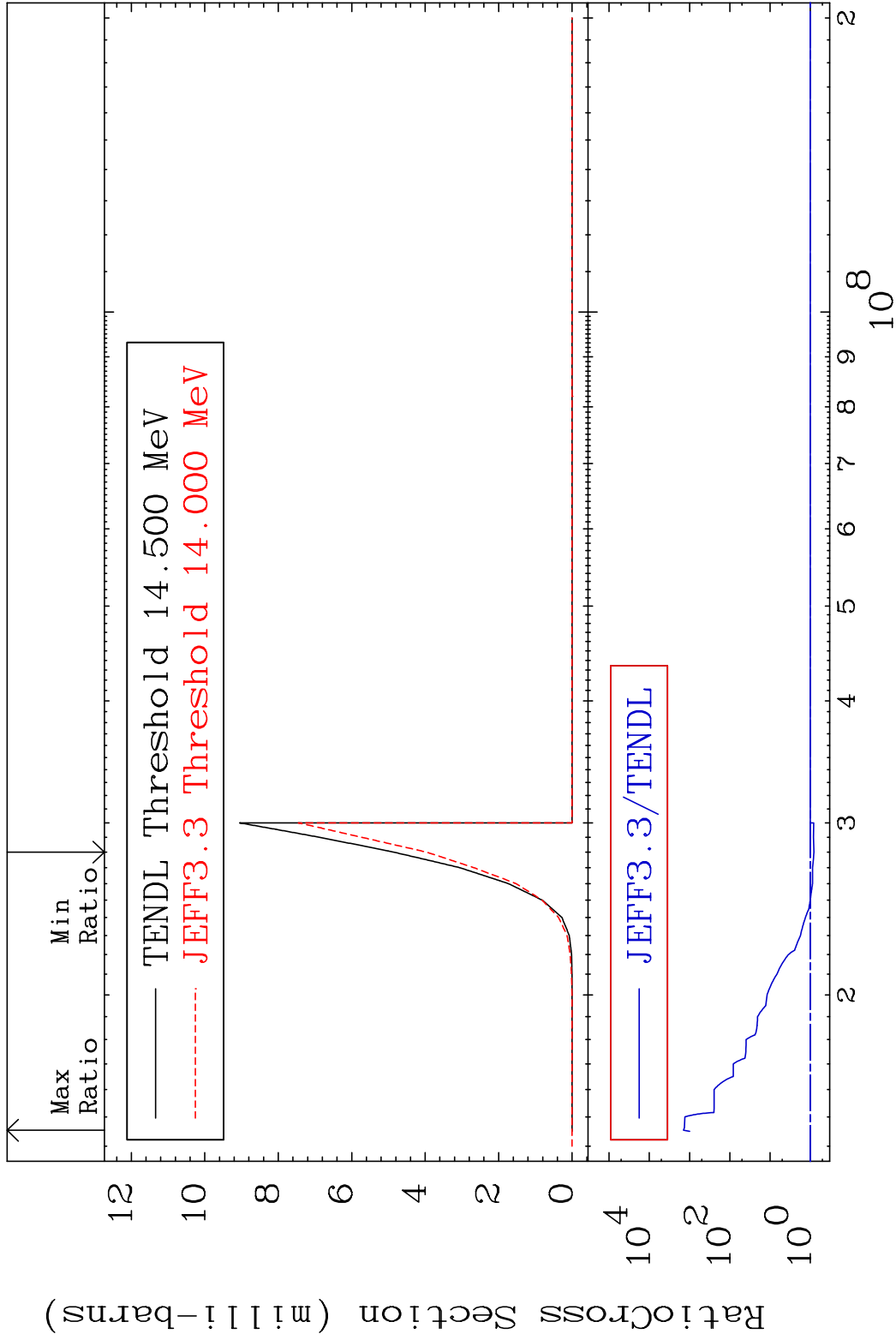


68 Incident Energy (eV) 52-Te-122

MAT 5231 (n,2n) α :50-Sn-117g 52-Te-122
 Radionuclide Production Cross Section 10000 dth 9999. %

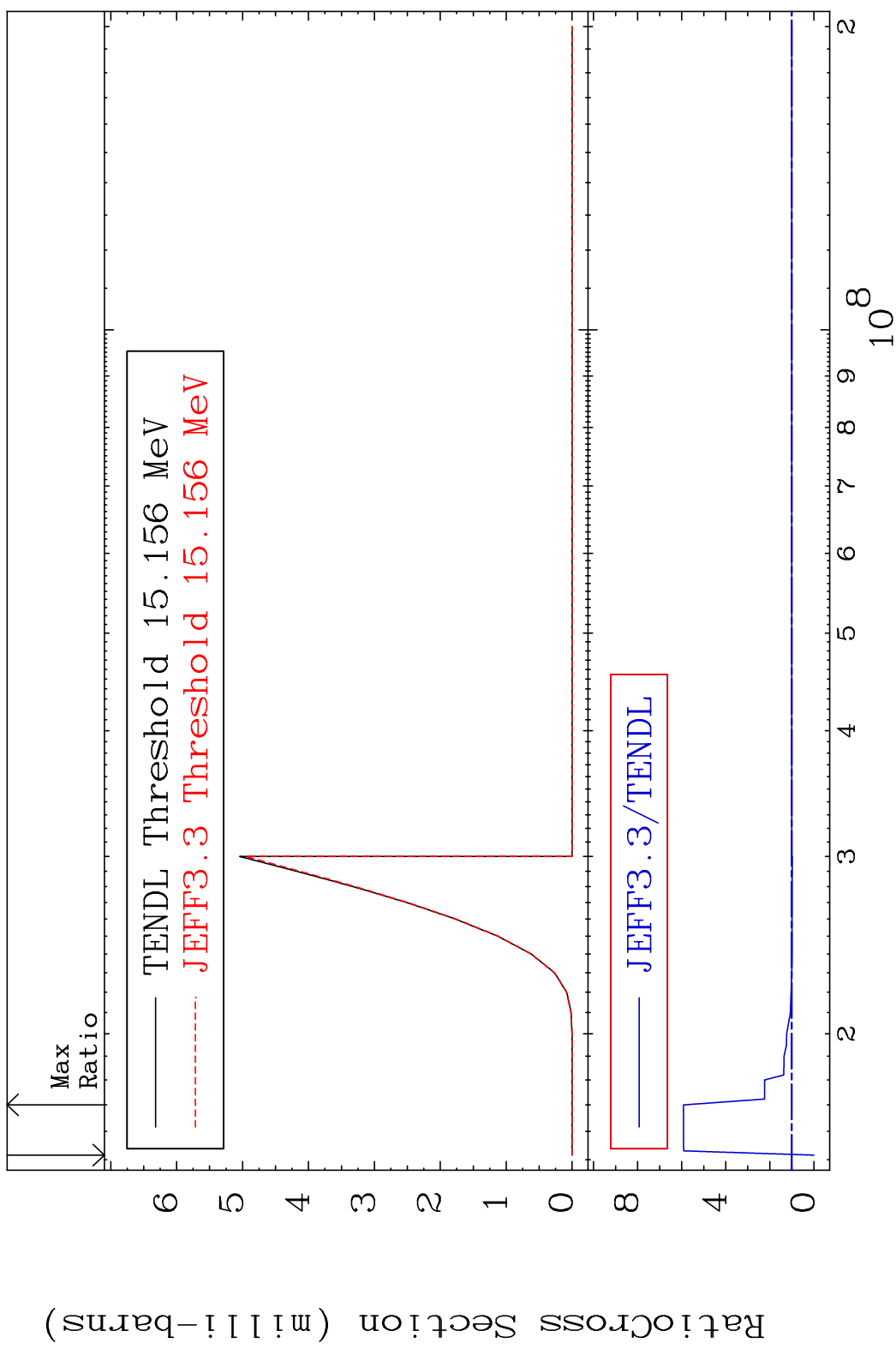


MAT 5231 (n,2n) α :50-Sn-117m2 52-Te-122
 Radionuclide Production Cross Section to 9999. %

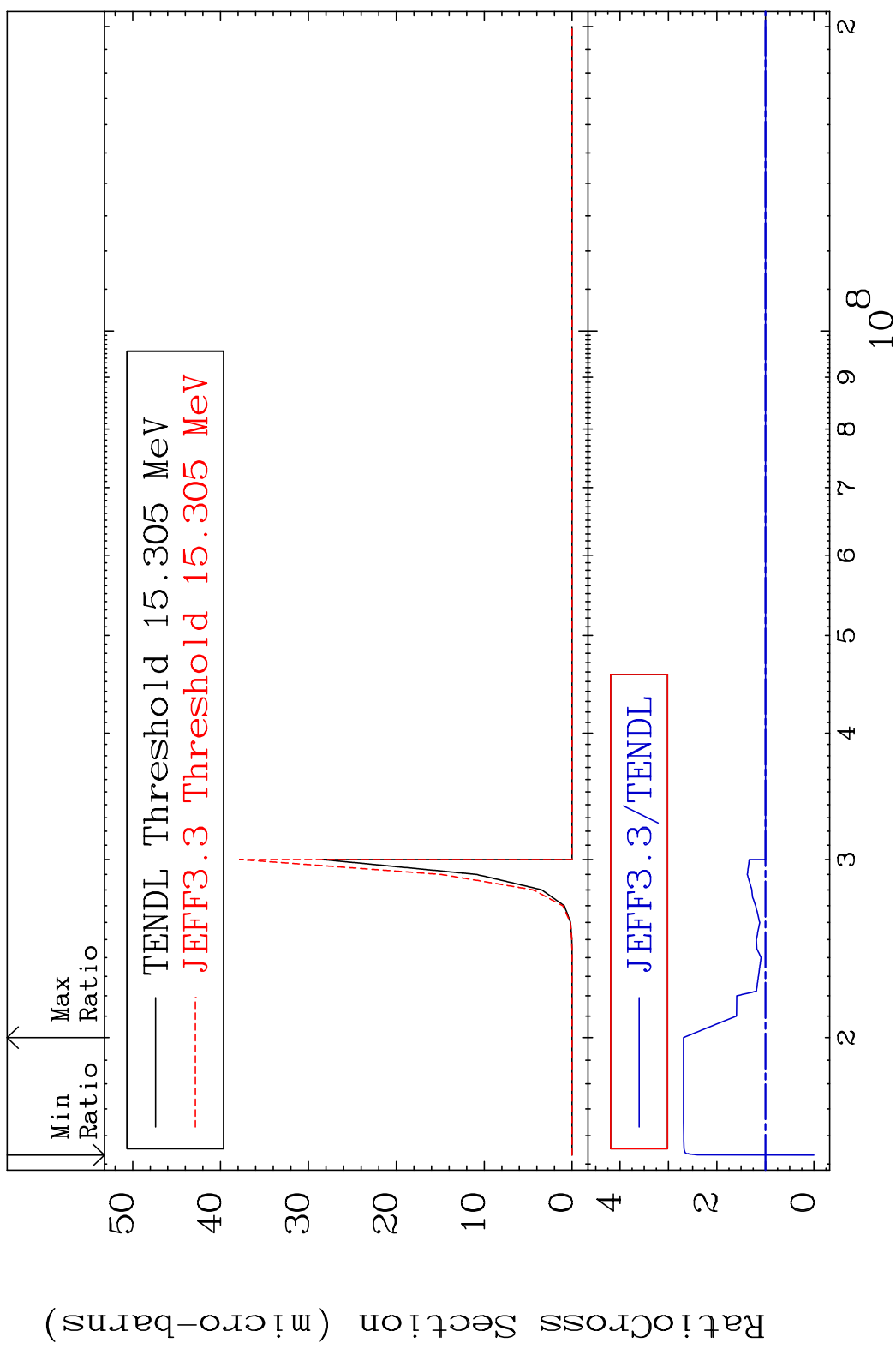


70 Incident Energy (eV) 52-Te-122

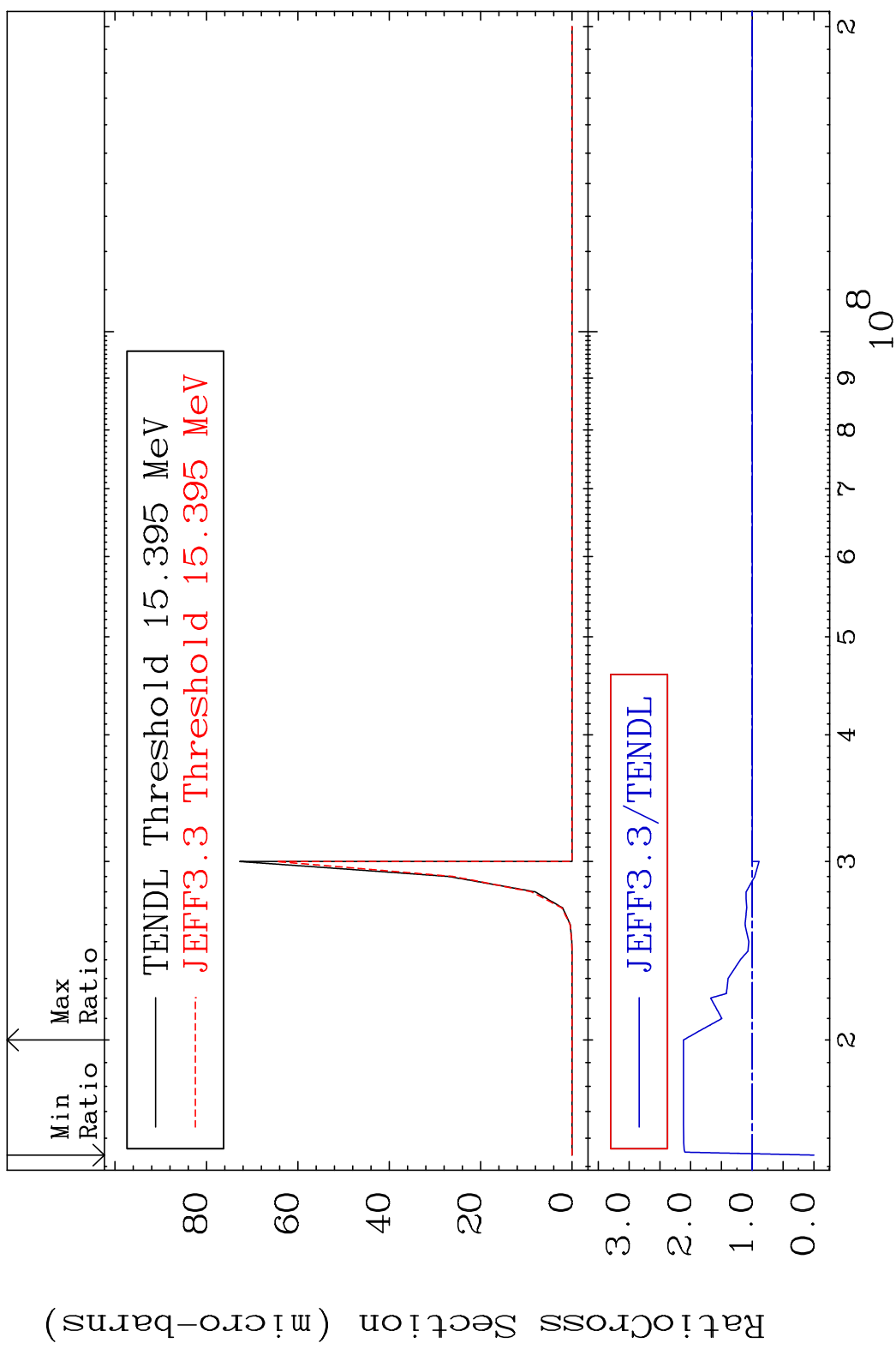
MAT 5231 (n, n') d:51-Sb-120g 52-Te-122
 Radionuclide Production Cross Section 180000 dth 492.0 %



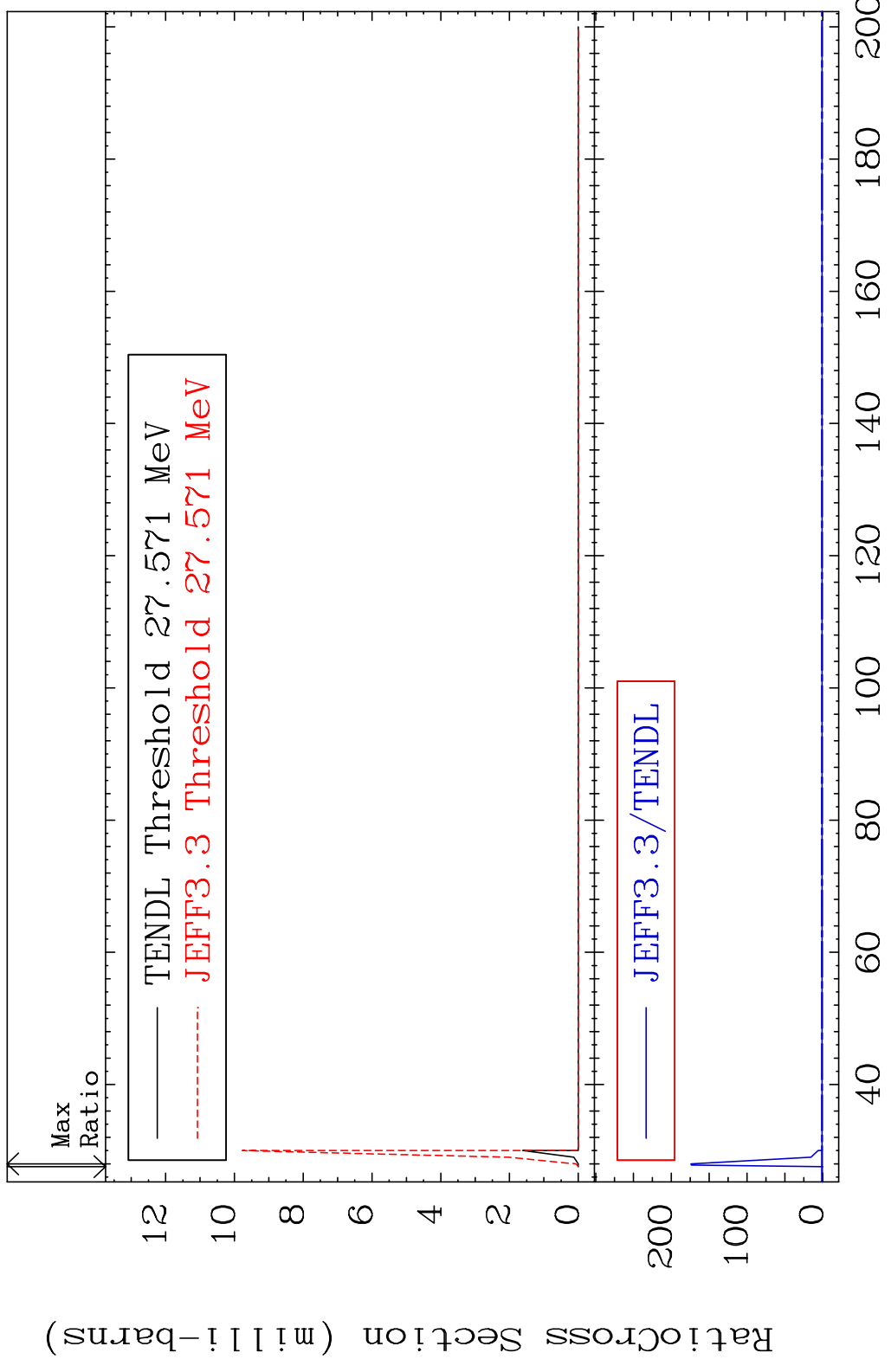
MAT 5231 (n, n') He-3:50-Sn-119g 52-Te-122
 Radionuclide Production Cross Section 169.0 %



MAT 5231 (n, n') He-3:50-Sn-119m2 52-Te-122
 Radionuclide Production Cross Section 180000 dpo 111.7 %

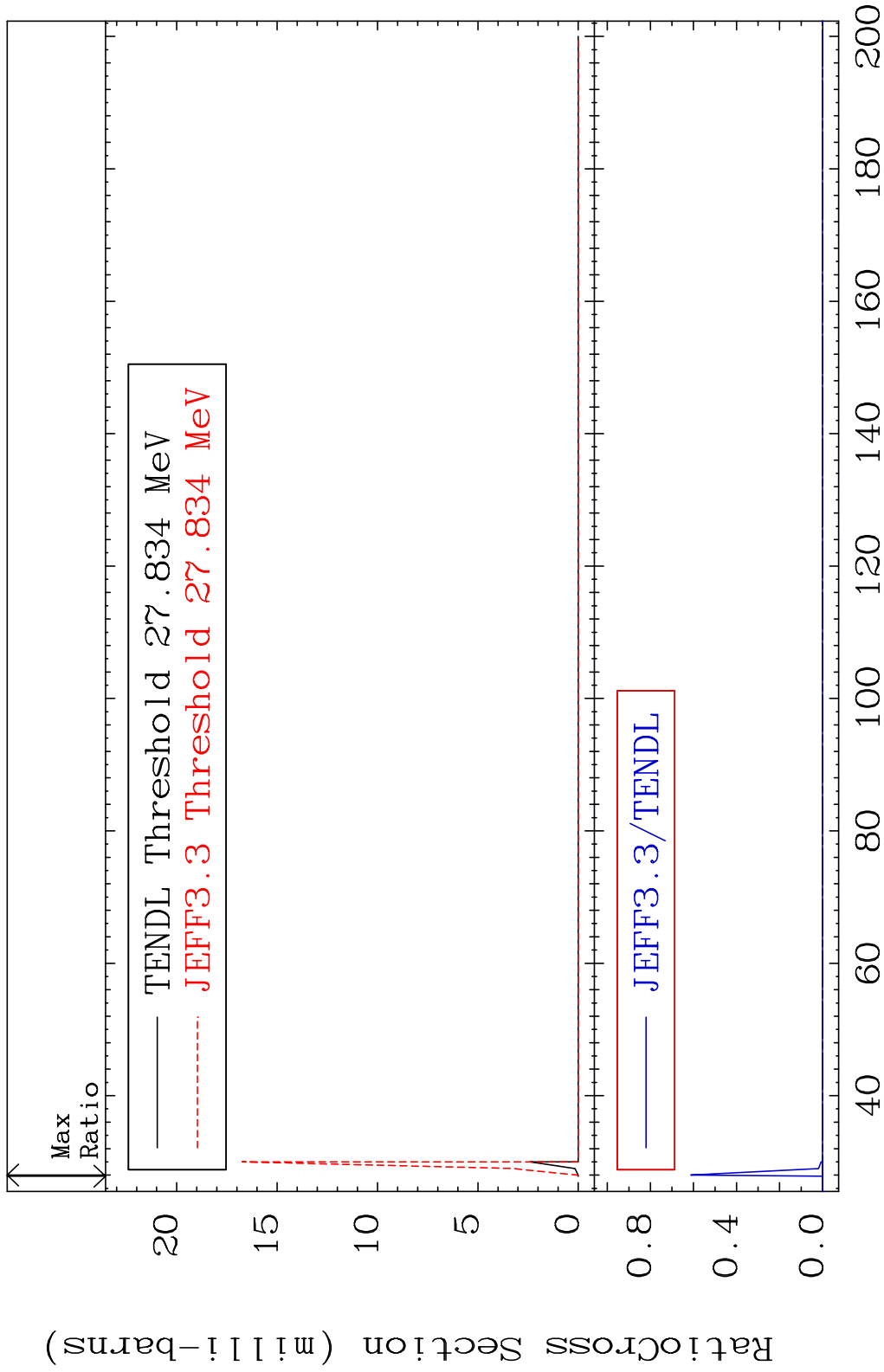


MAT 5231 (n, 4n): 52-Te-119g 52-Te-122
 Radionuclide Production Cross Section to Ratio 9999. %



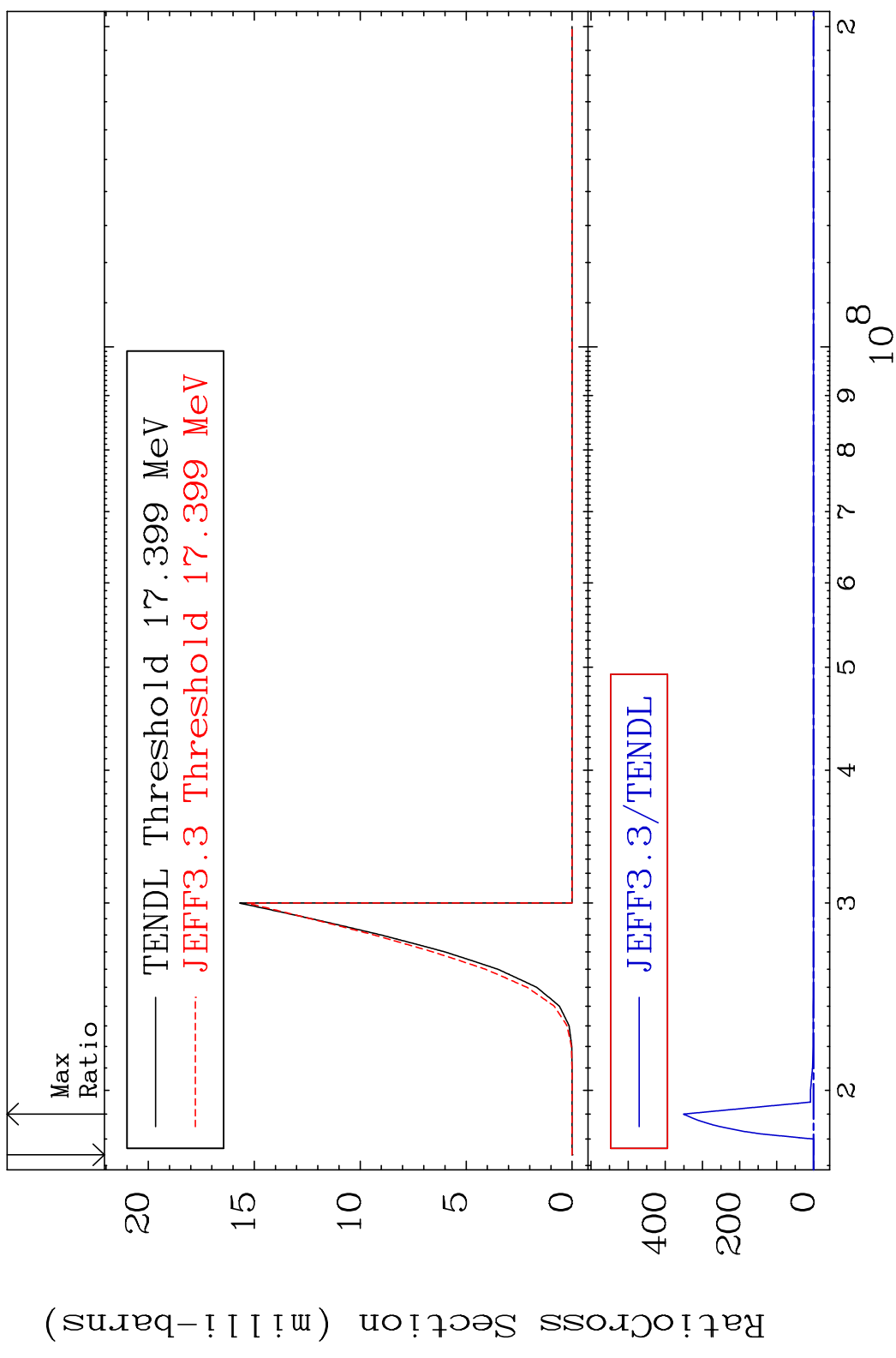
74 52-Te-122

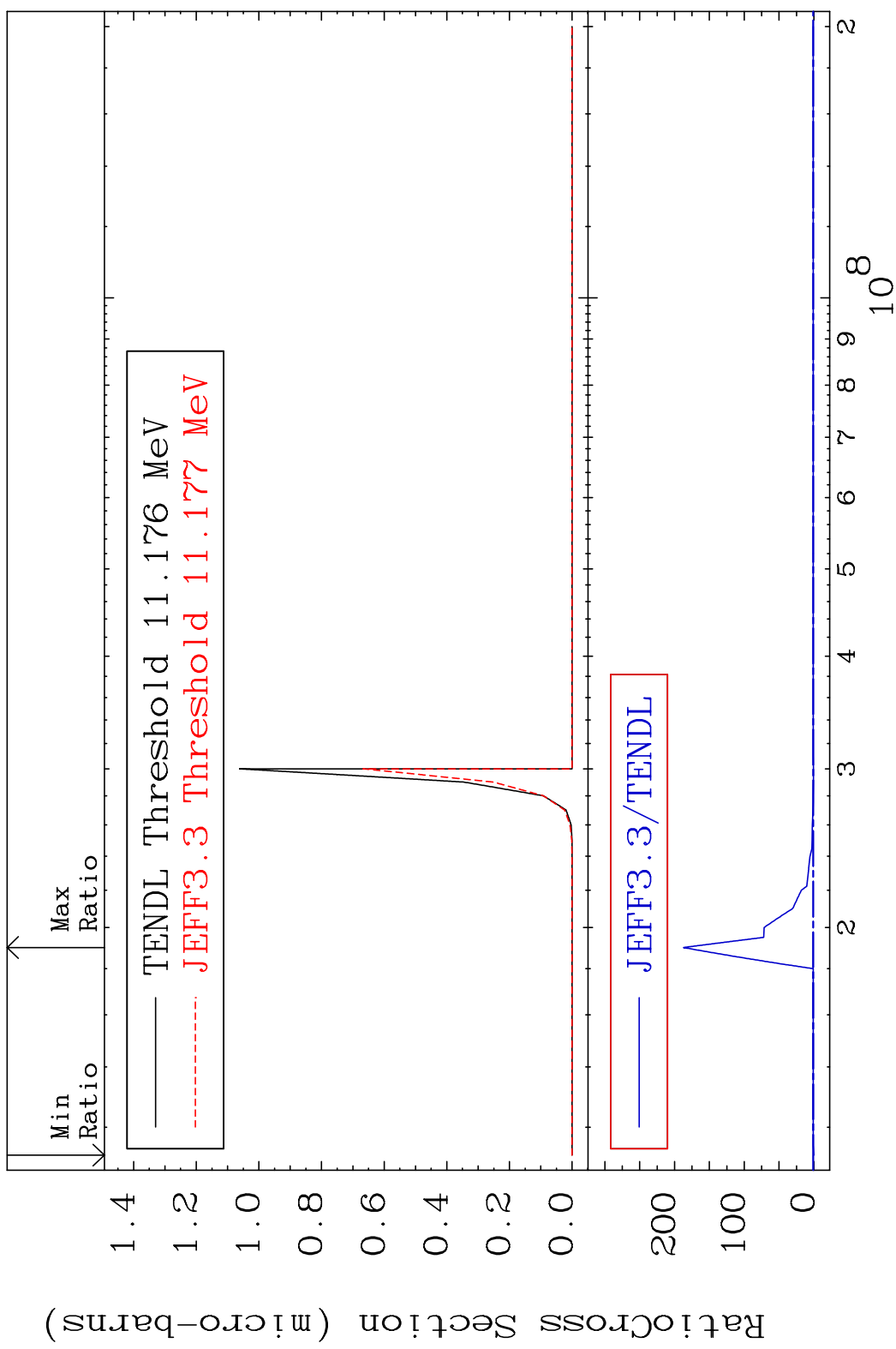
MAT 5231 (n, 4n):52-Te-119m2 52-Te-122
 Radionuclide Production Cross Section to 9999. %

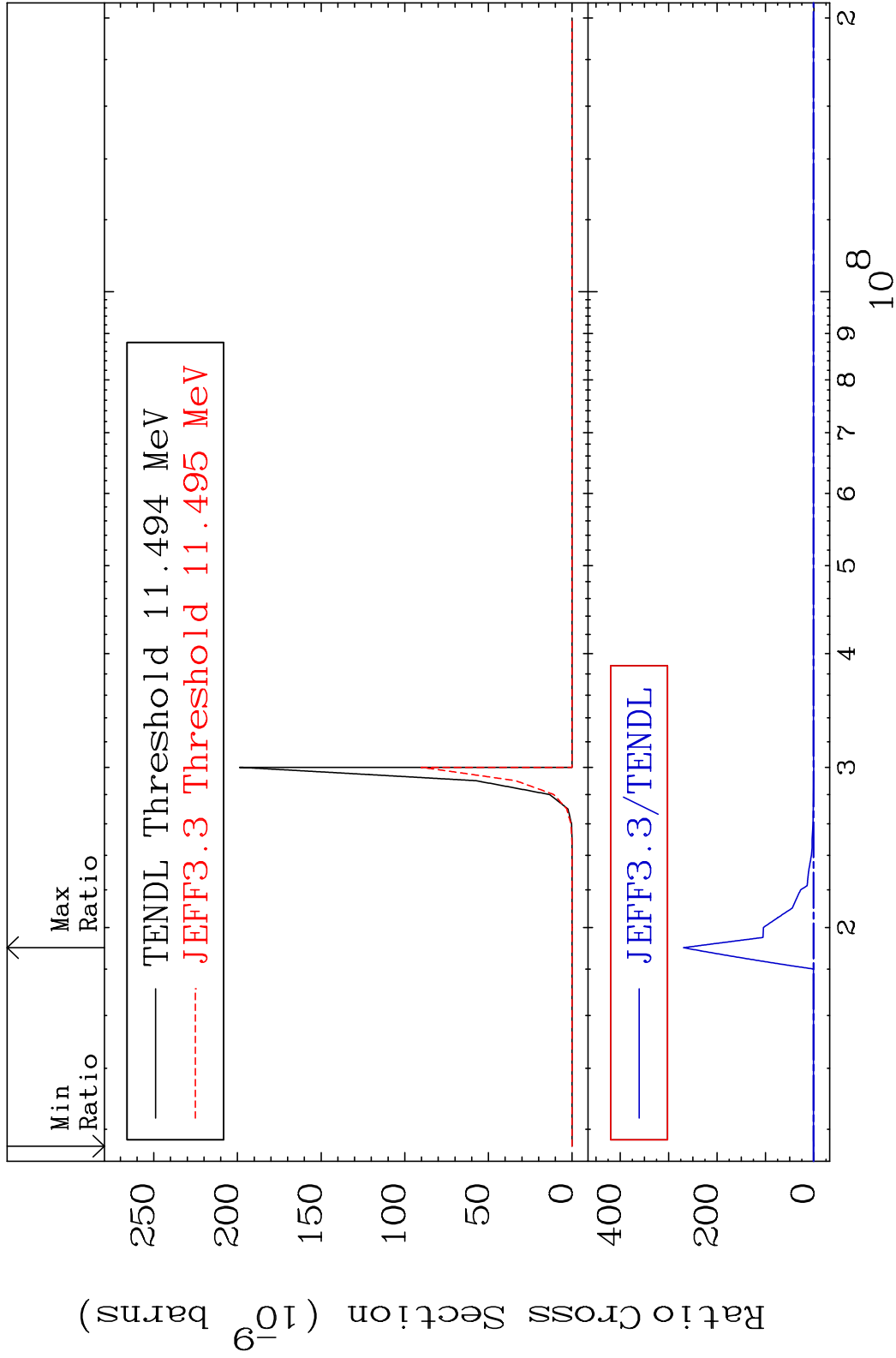


75 Incident Energy (MeV) 52-Te-122

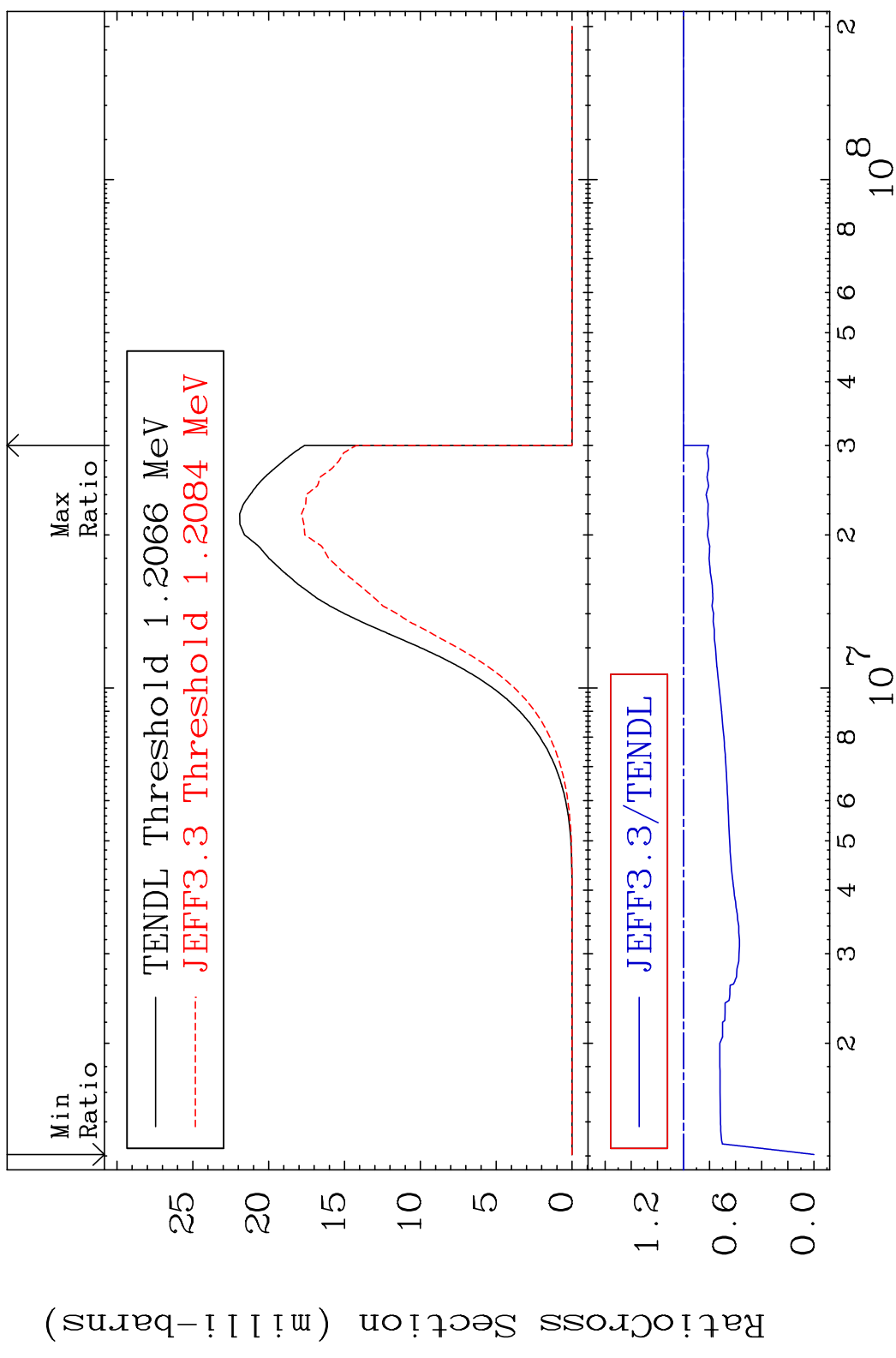
MAT 5231 (n,2n) p:51-Sb-120g 52-Te-122
 Radionuclide Production Cross Section 180000 dth 9999. %



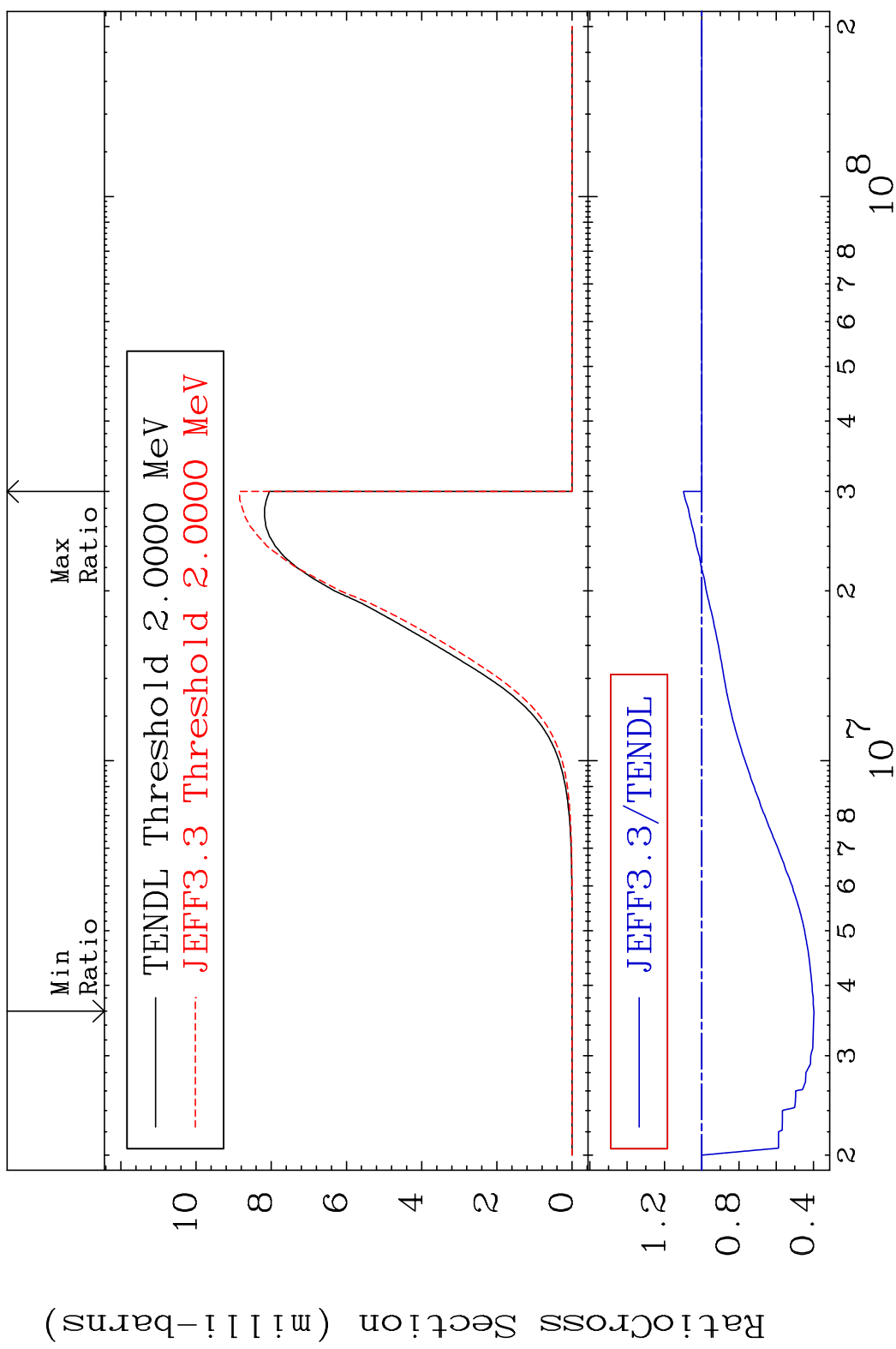




MAT 5231 (n,p):51-Sb-122g 52-Te-122
 Radionuclide Production Cross Section 18000 dpo 0.000 %

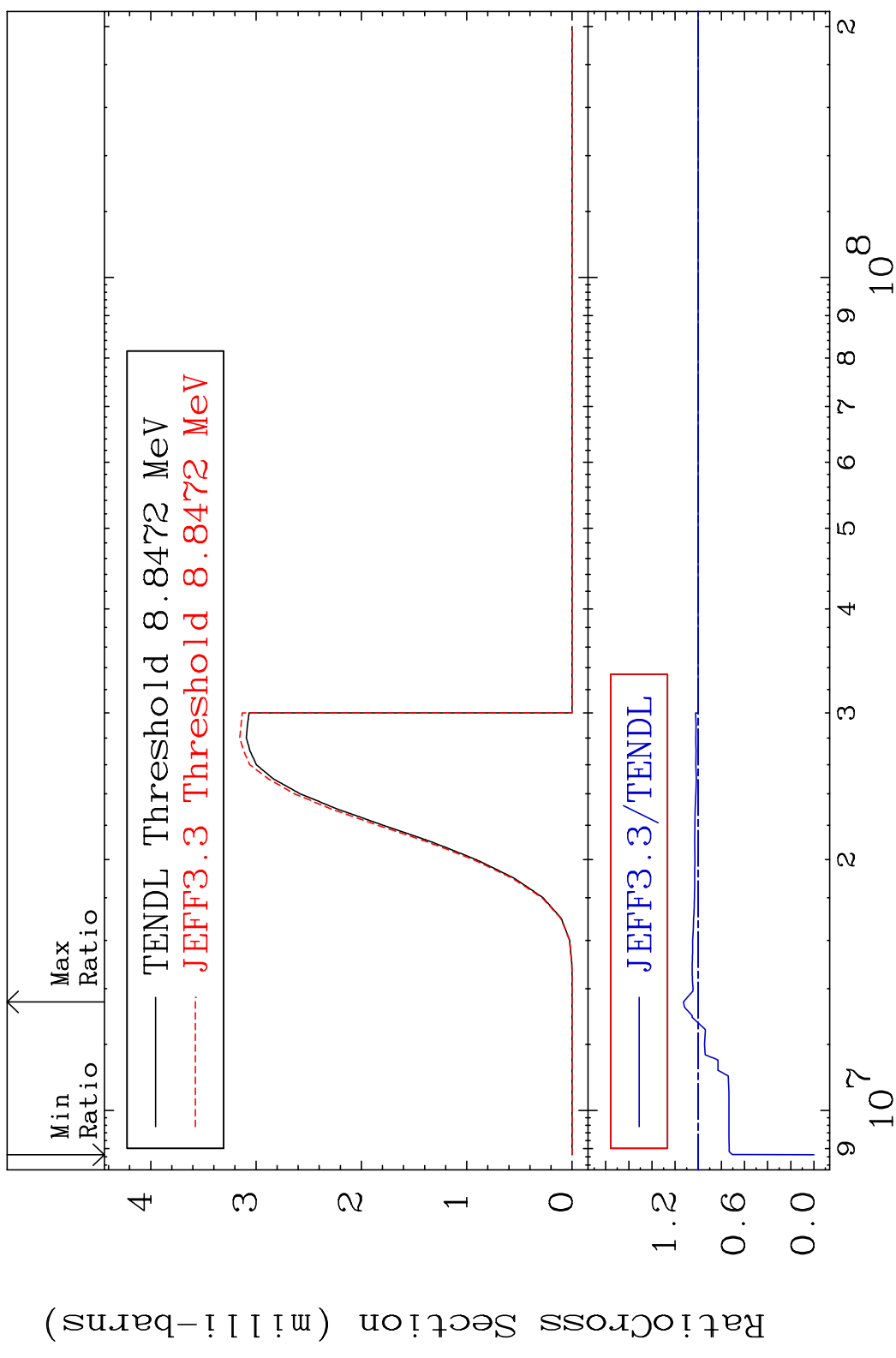


MAT 5231 (n, p):51-Sb-122m5 52-Te-122
 Radionuclide Production Cross Section 9.779 %



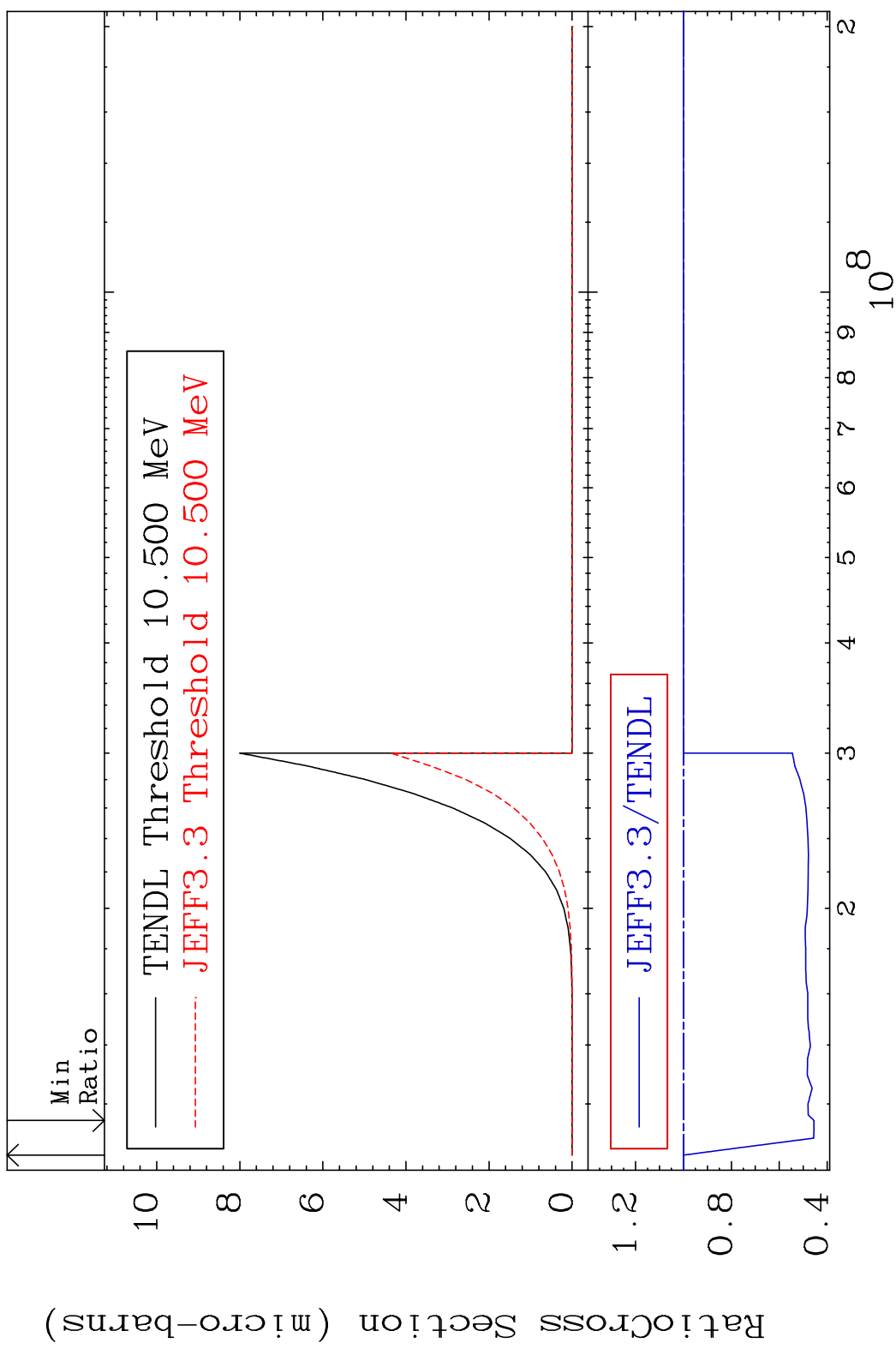
80 Incident Energy (eV) 52-Te-122

MAT 5231 (n, t):51-Sb-120g 52-Te-122
 Radionuclide Production Cross Section 180000 dpo 12.75 %

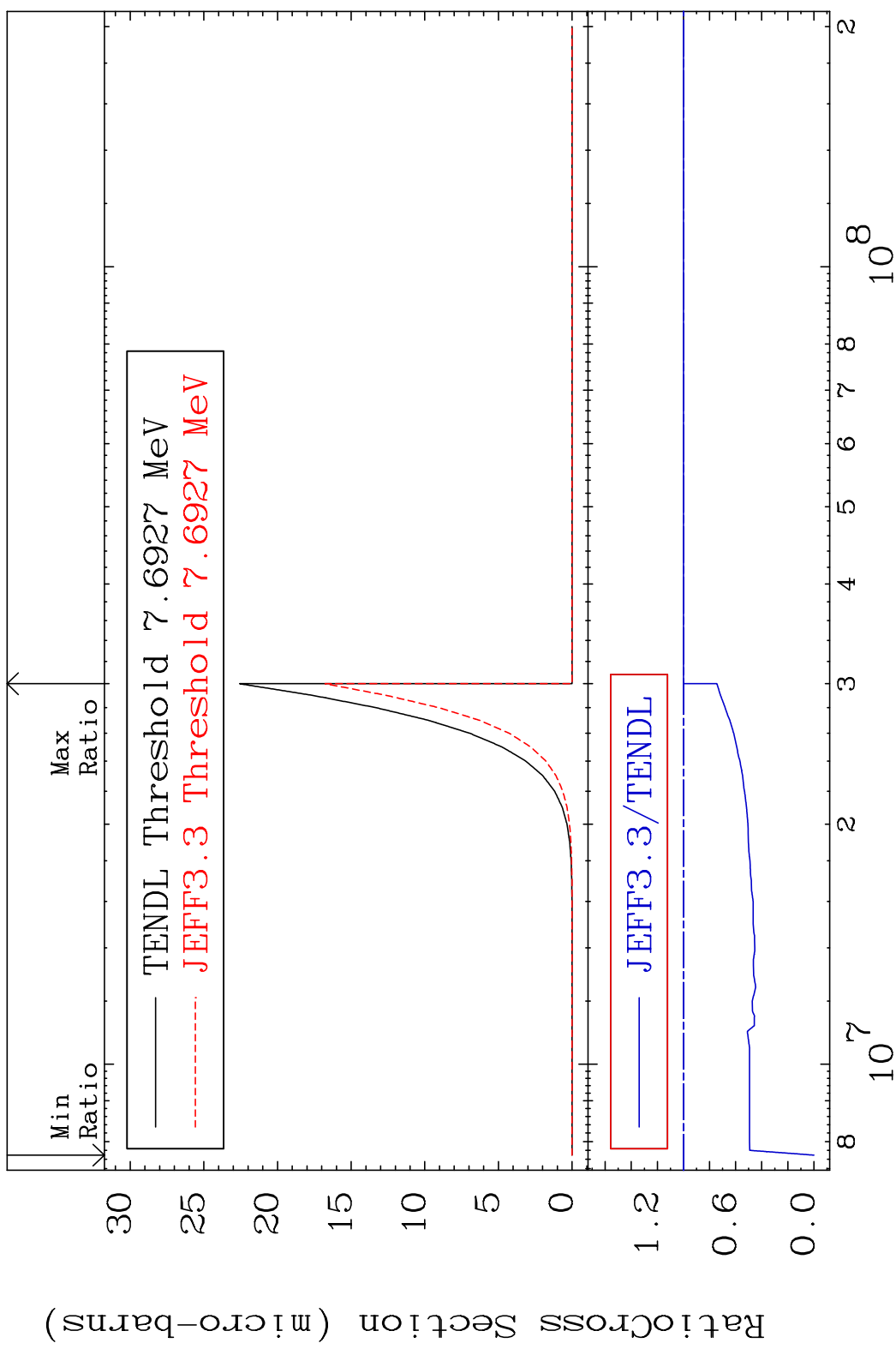


81 Incident Energy (eV) 52-Te-122

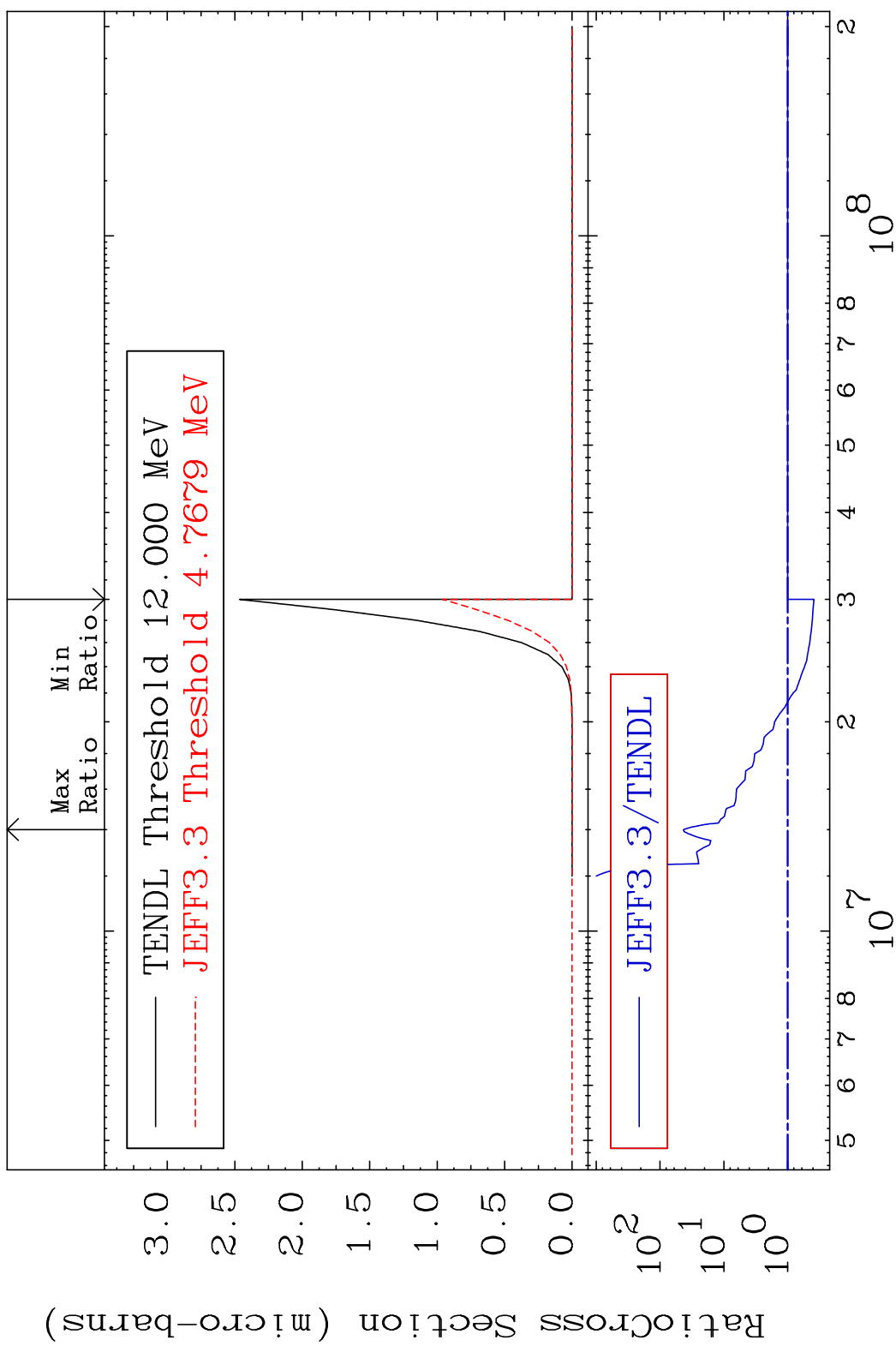
MAT 5231 (n,2p):50-Sn-121g 52-Te-122
 Radionuclide Production Cross Section 52-Te-122 0.000 %



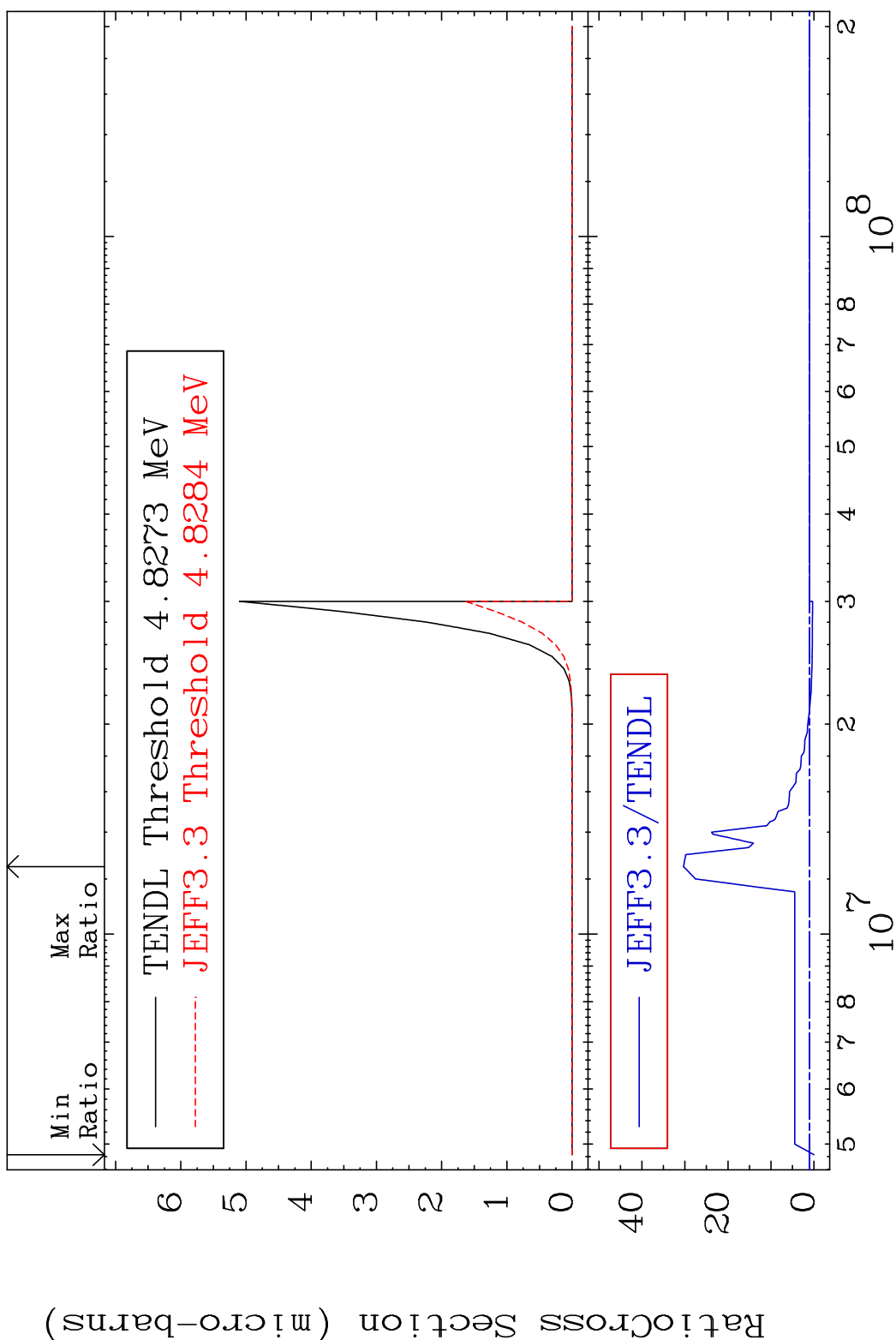
MAT 5231 (n,2p):50-Sn-121m1 52-Te-122
 Radionuclide Production Cross Section 180000 dpo 0.000 %



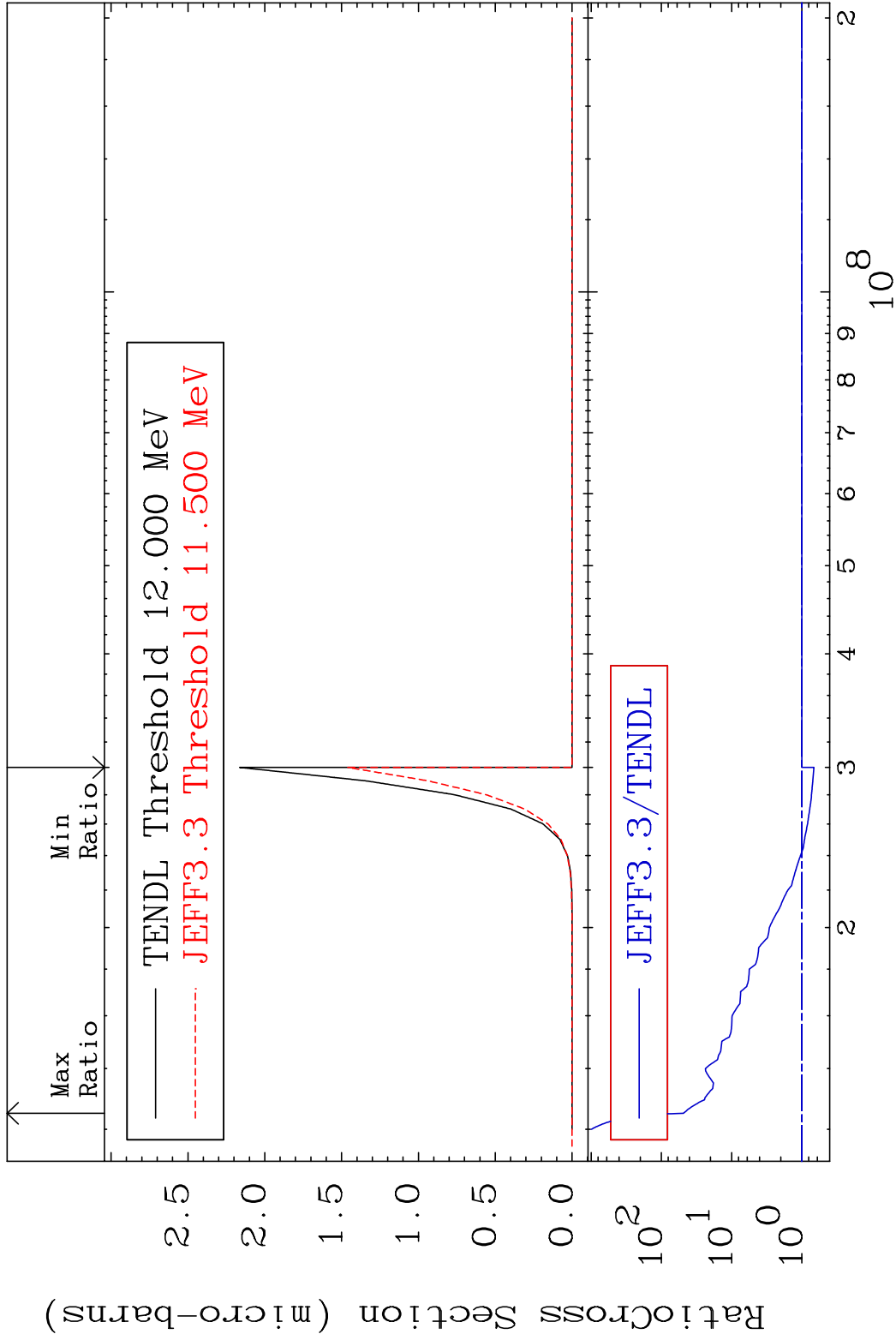
MAT 5231 (n, p) α : 49-In-118g 52-Te-122
 Radionuclide Production Cross Section 4190. %



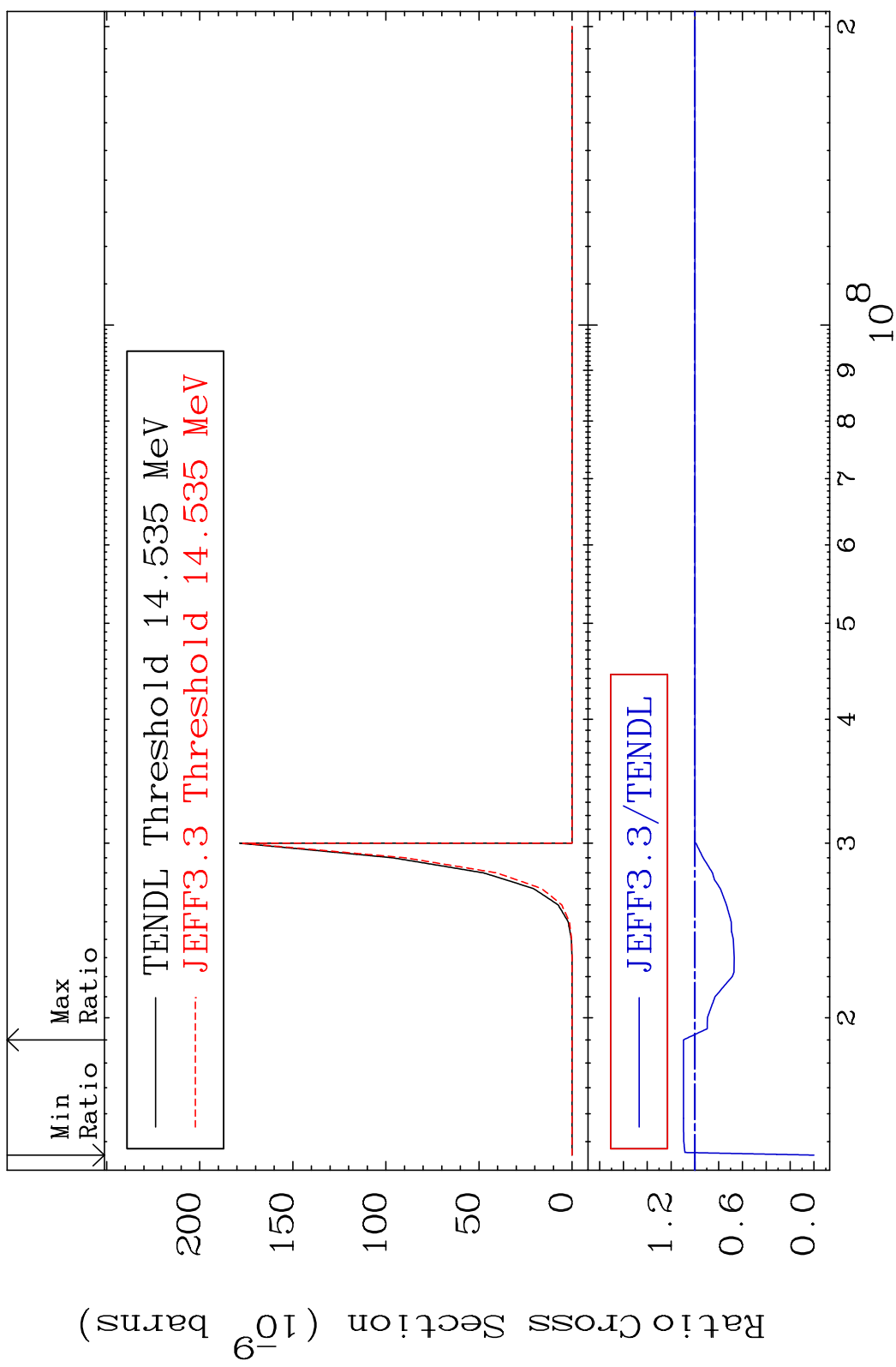
MAT 5231 (n, p) α : 49-In-118m1 52-Te-122
 Radionuclide Production Cross Section to 2935. %



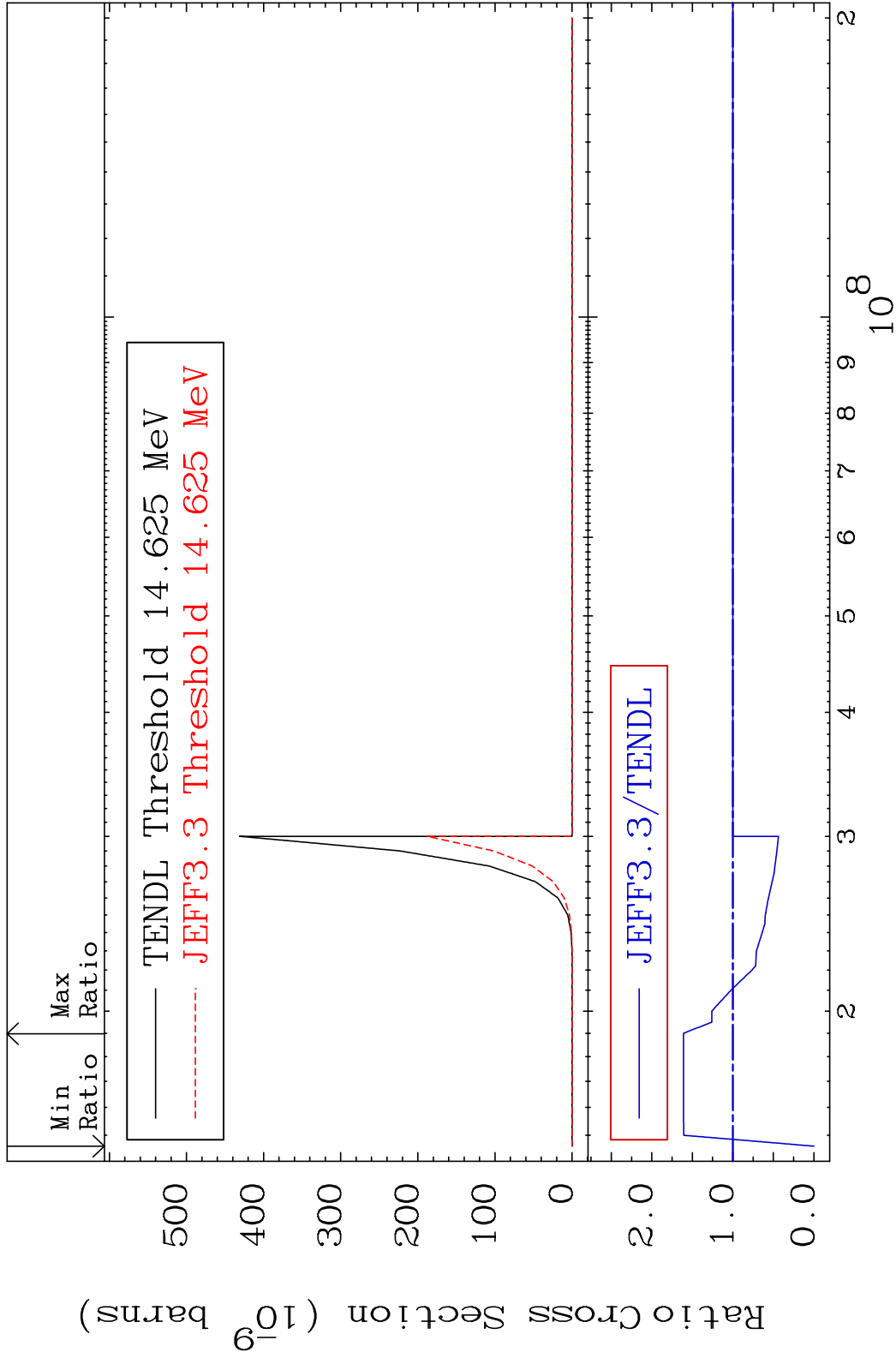
85 Incident Energy (eV) 52-Te-122



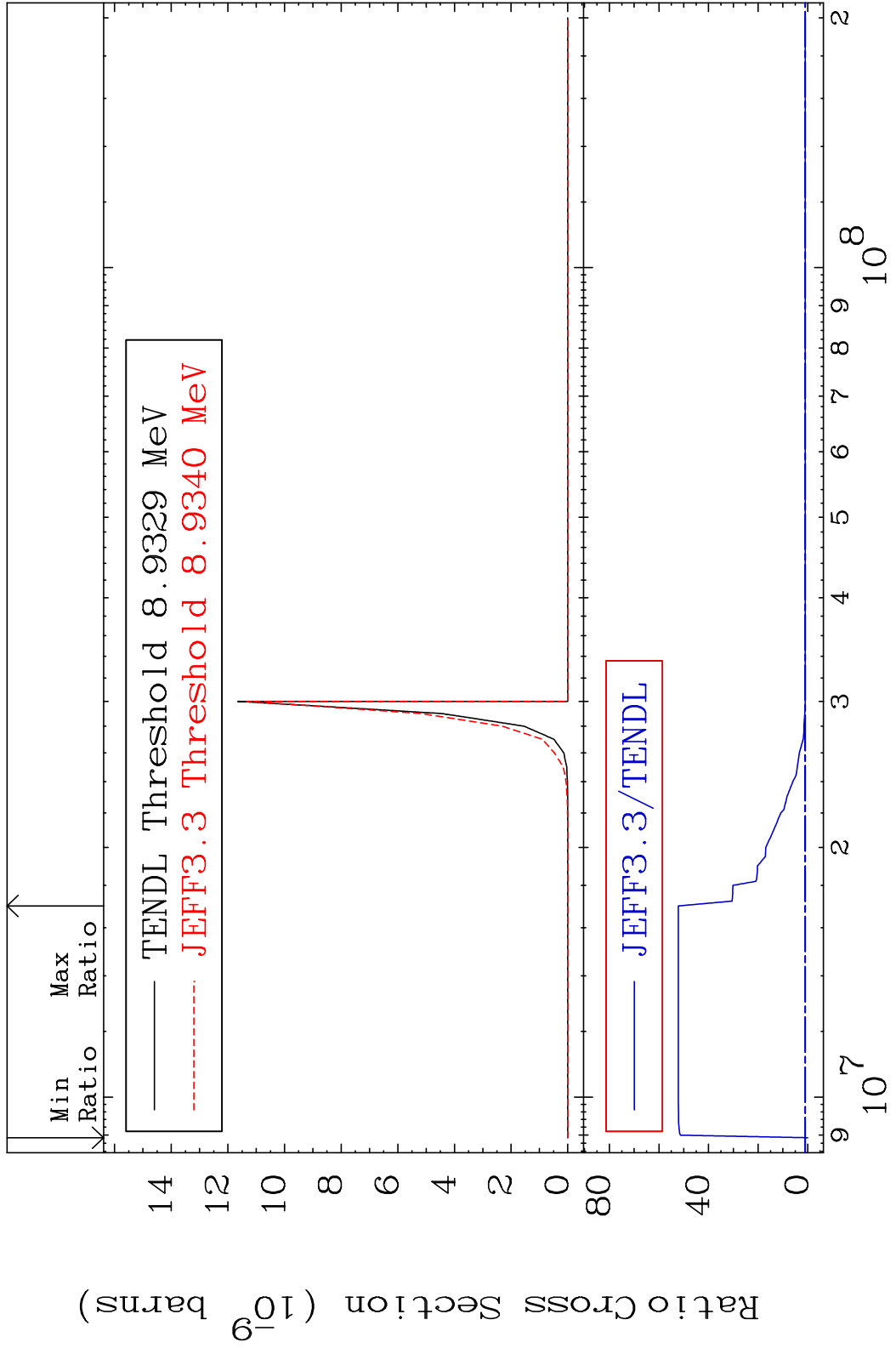
MAT 5231 (n, p) t:50-Sn-119g 52-Te-122
 Radionuclide Production Cross Section 180000 dpo 9.575 %



MAT 5231 (n, p) t:50-Sn-119m2 52-Te-122
 Radionuclide Production Cross Section to 60.94 %

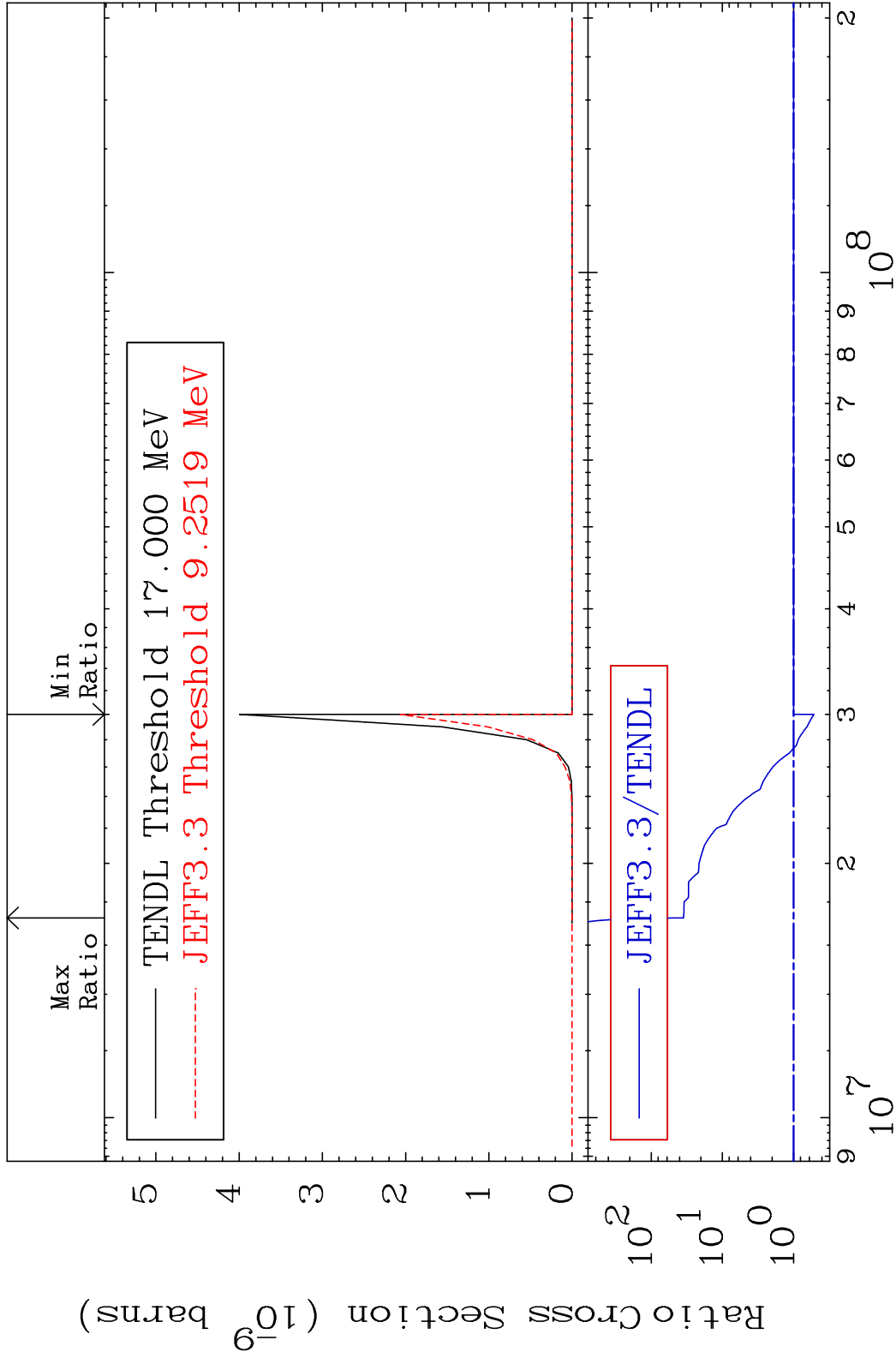


MAT 5231 (n, d) α : 49-In-117g 52-Te-122
 Radionuclide Production Cross Section to 5120. %



89 52-Te-122

MAT 5231 (n, d) α : 49-In-117m1 52-Te-122
 Radionuclide Production Cross Section to 3422. %



90 Incident Energy (eV) 52-Te-122