

Program Complot  
(Version 2021-1)

by

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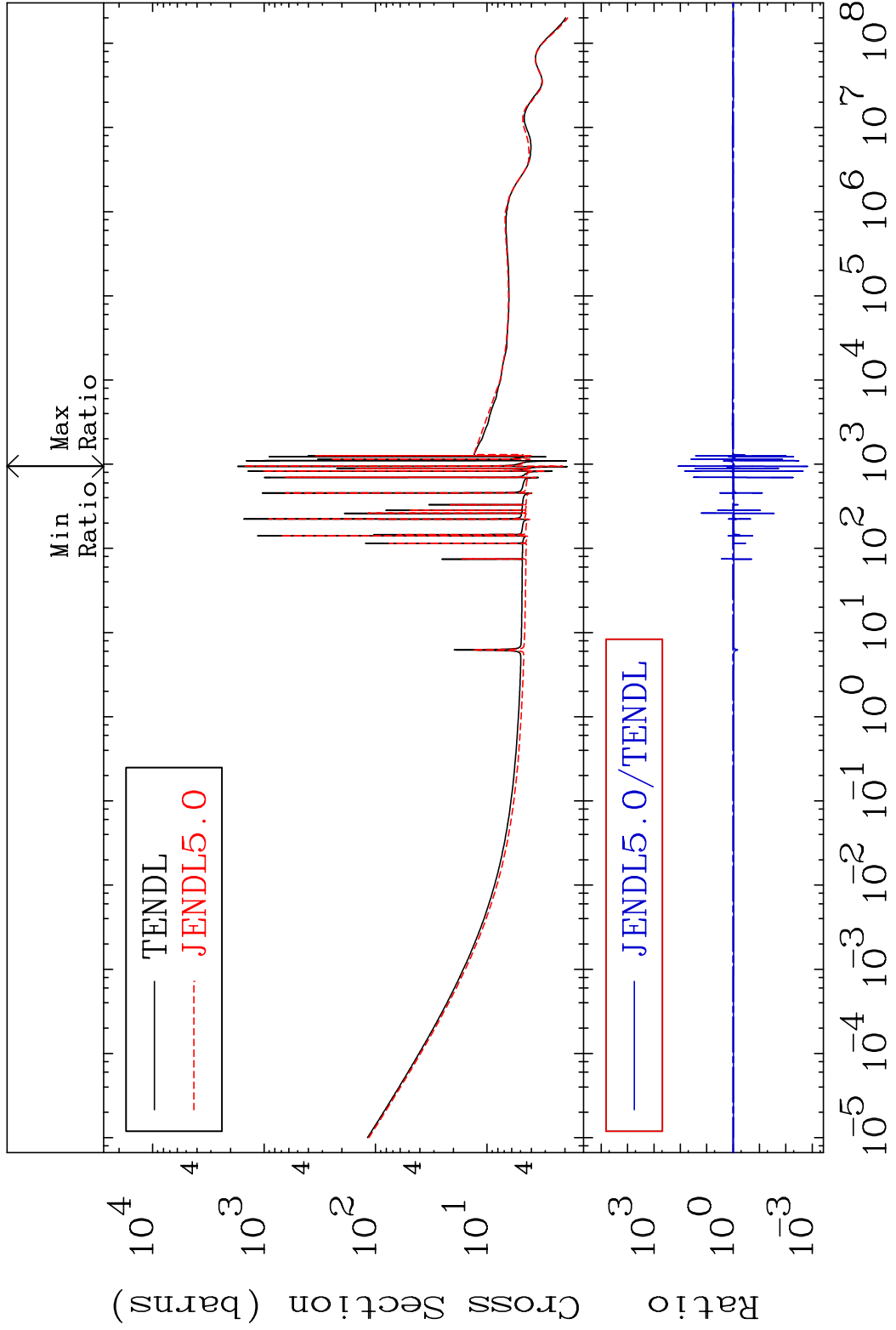
U.S.A.

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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

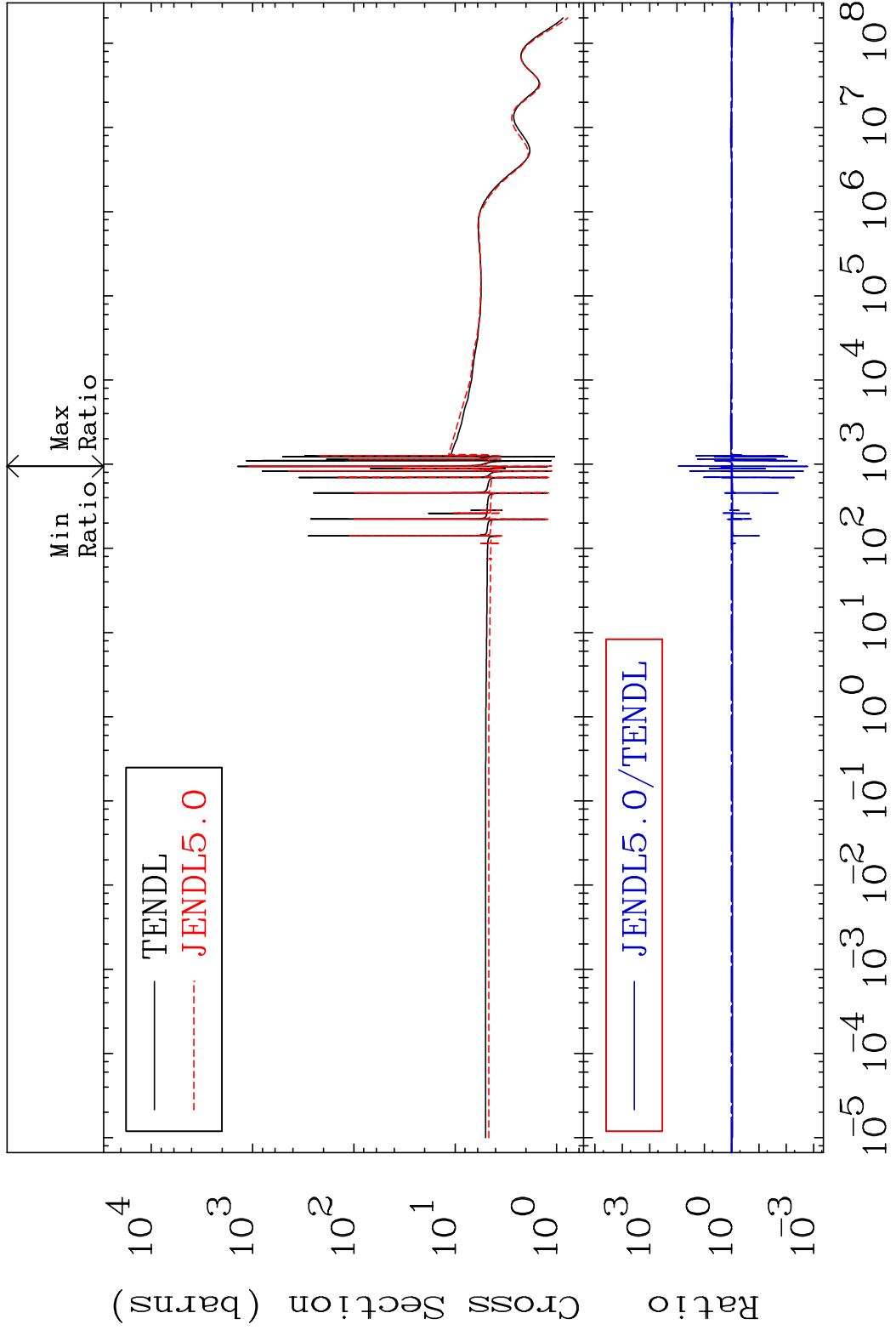
Press Mouse Button to Start

MAT 5046                      Total                      50-Sn-119  
 Cross Section                      -99.85 To 9999. %

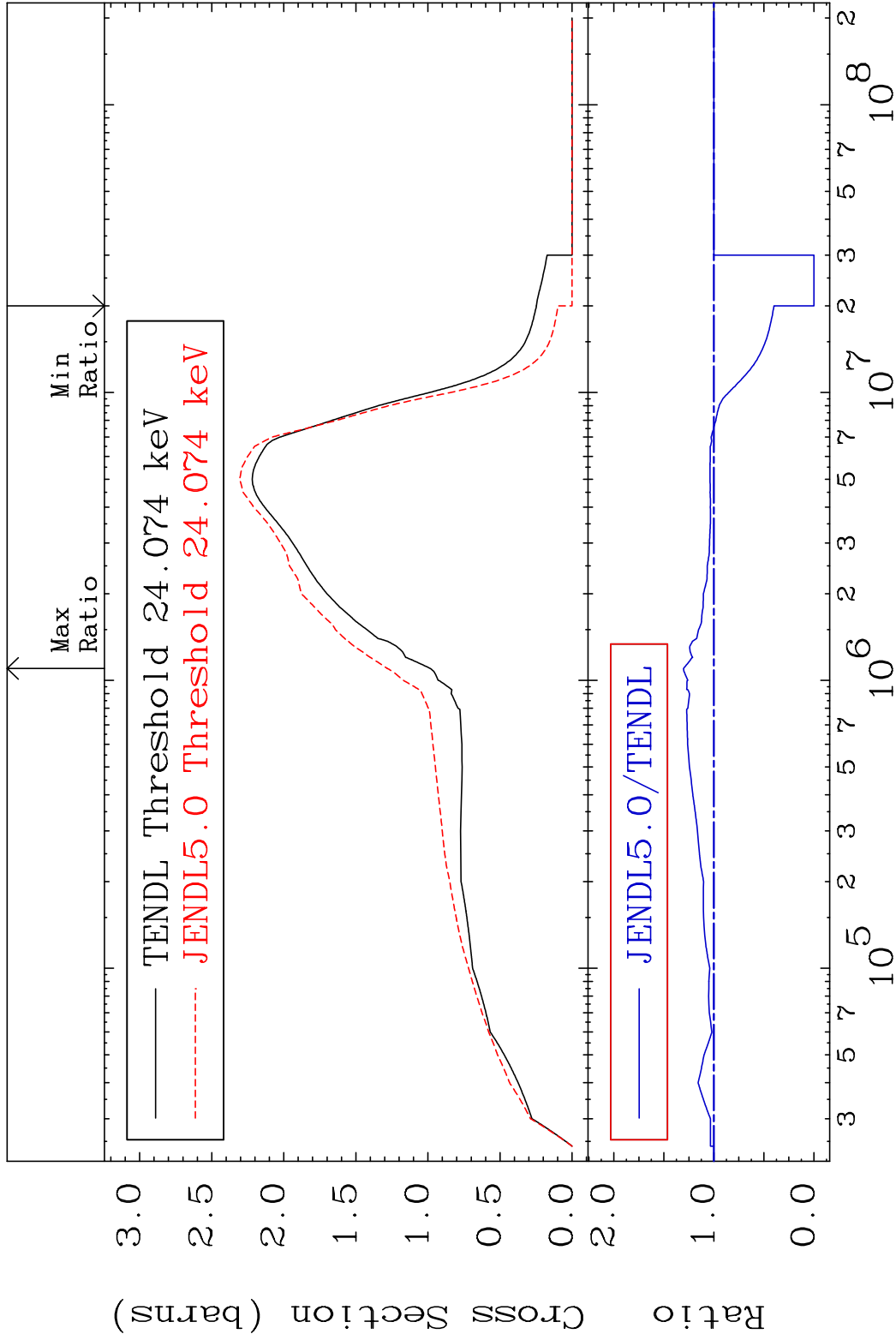


1                      Incident Energy (eV)                      50-Sn-119

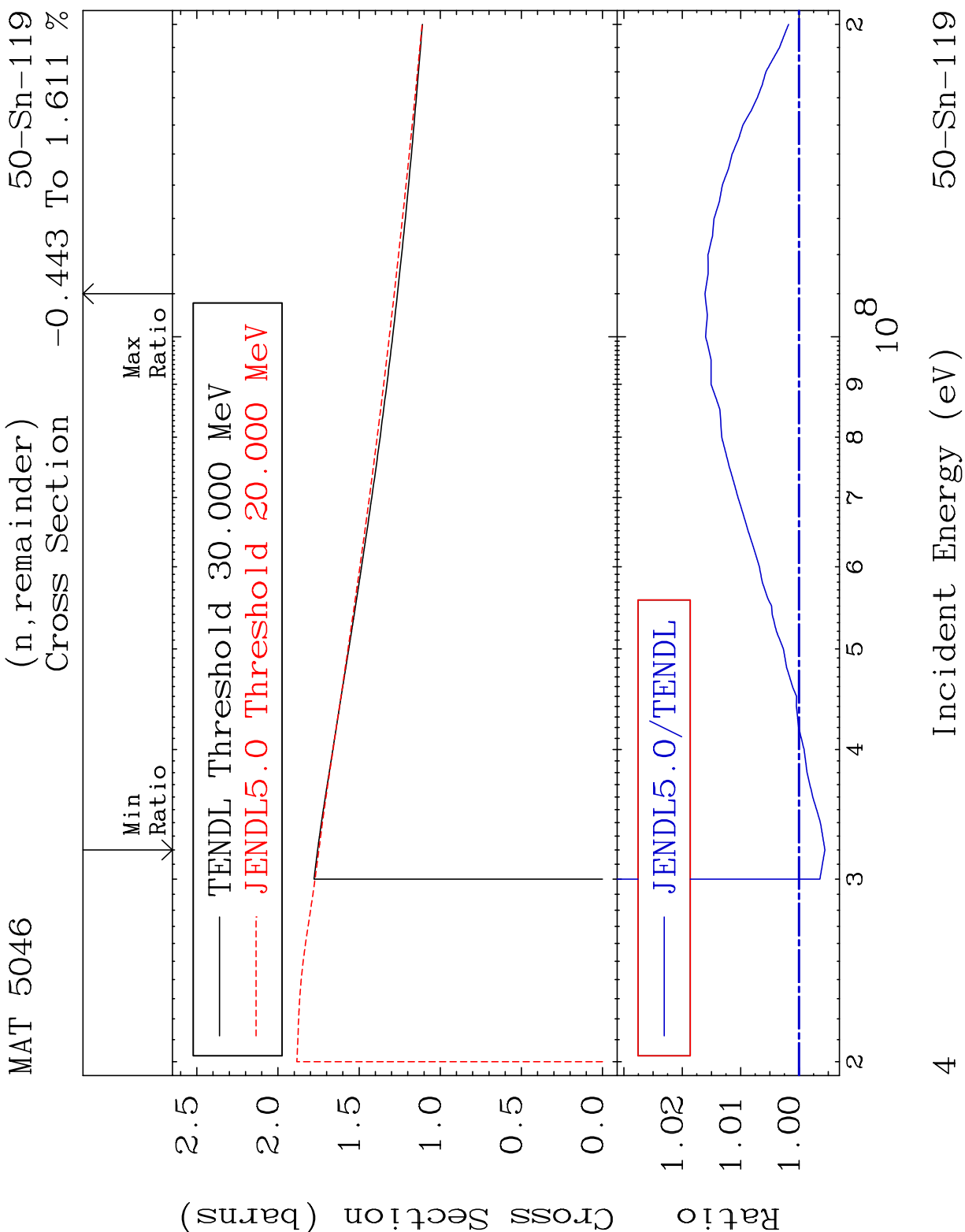
MAT 5046 Elastic Cross Section -99.84 To 8870. % 50-Sn-119



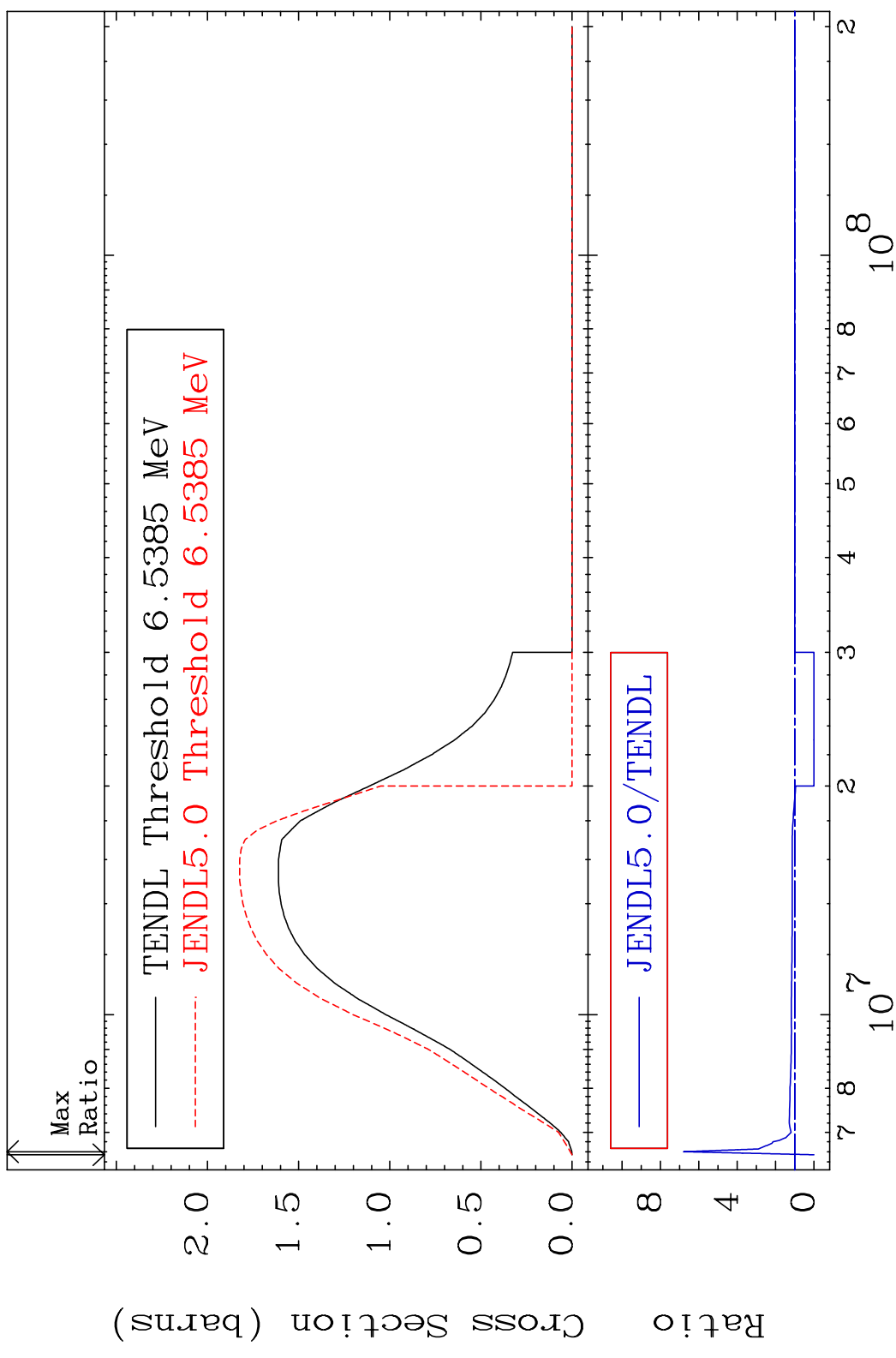
MAT 5046 Inelastic Cross Section -100.0 To 30.41 % 50-Sn-119



3 Incident Energy (eV) 50-Sn-119

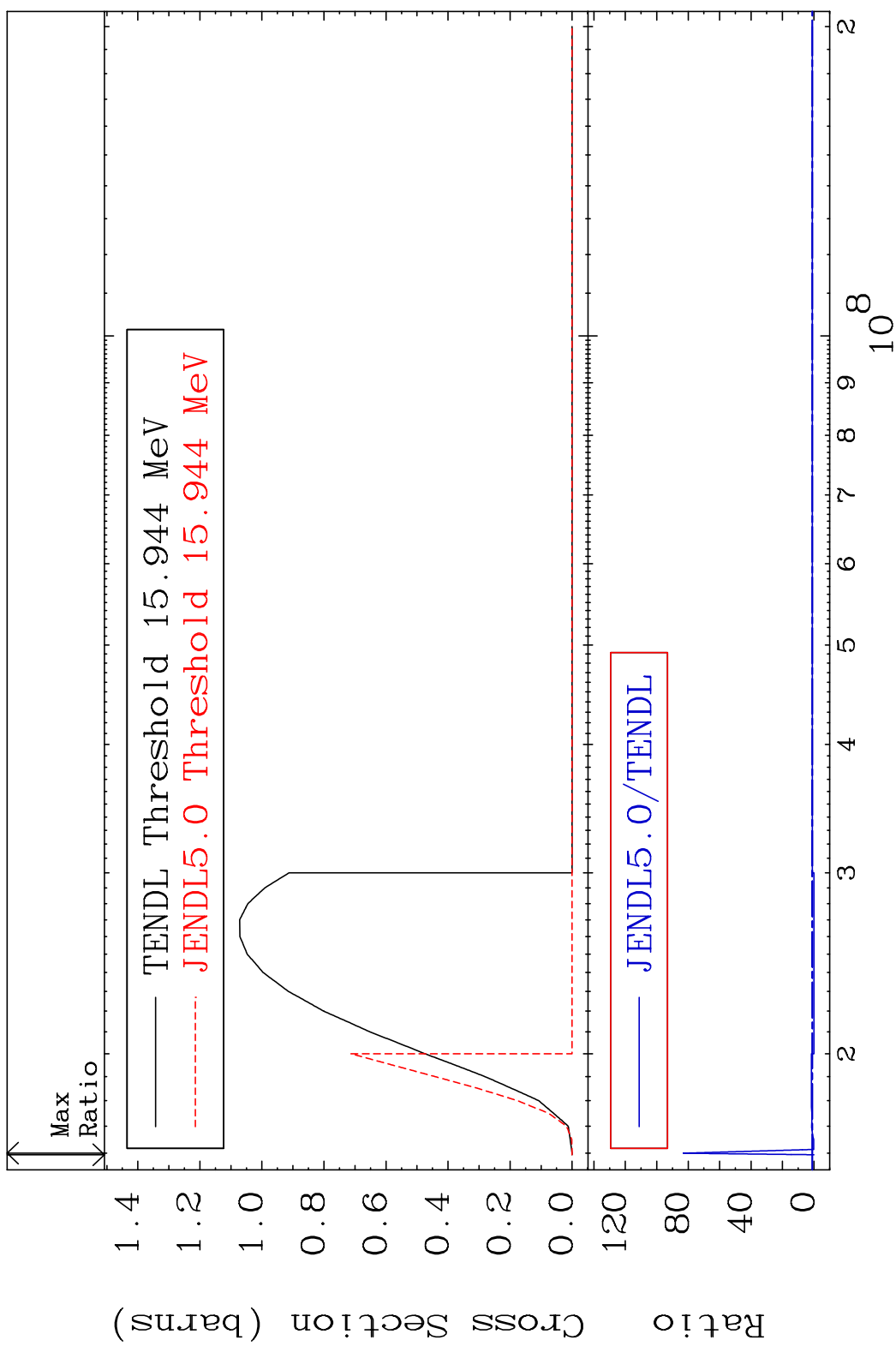


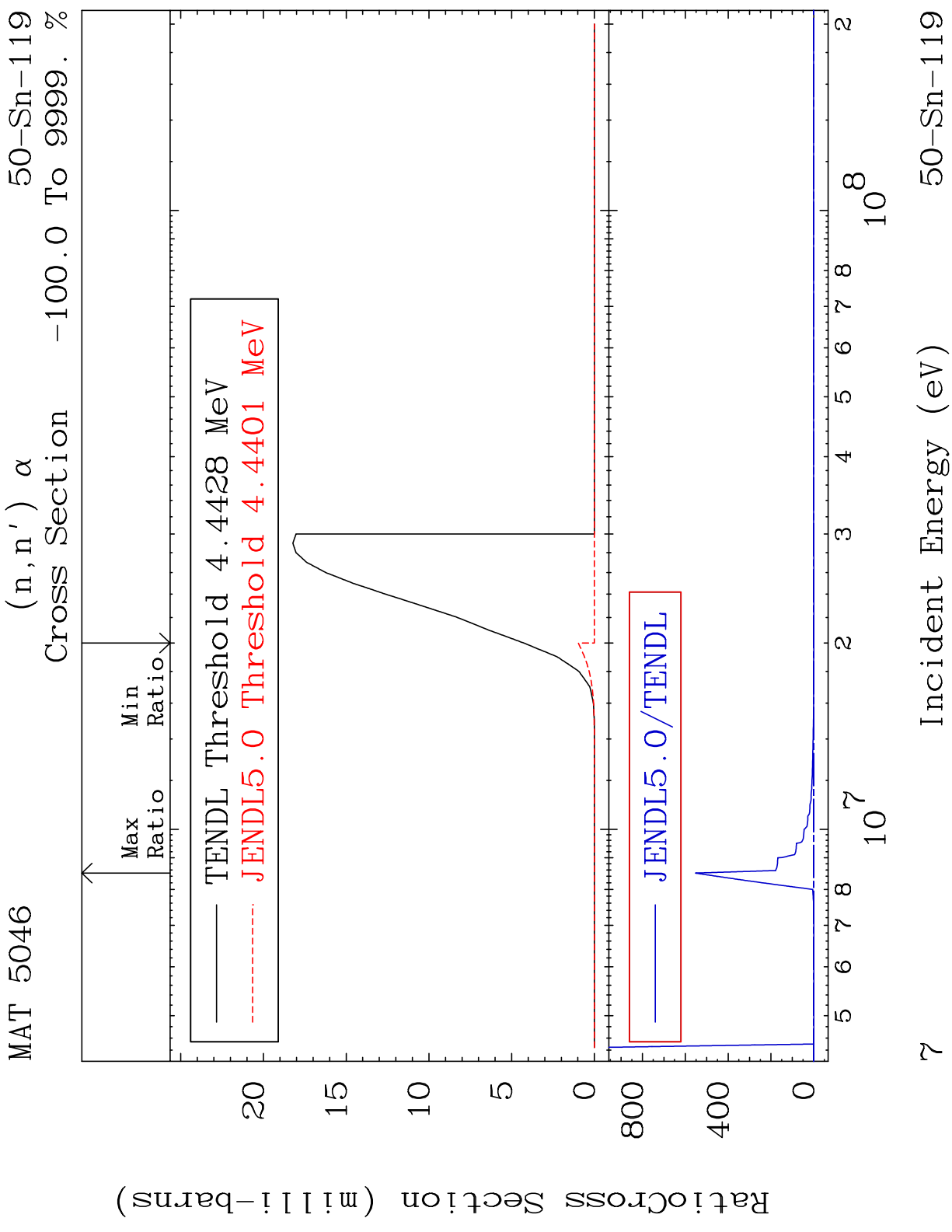
MAT 5046 (n,2n) 50-Sn-119  
 Cross Section -100.0 To 580.1 %



5 Incident Energy (eV) 50-Sn-119

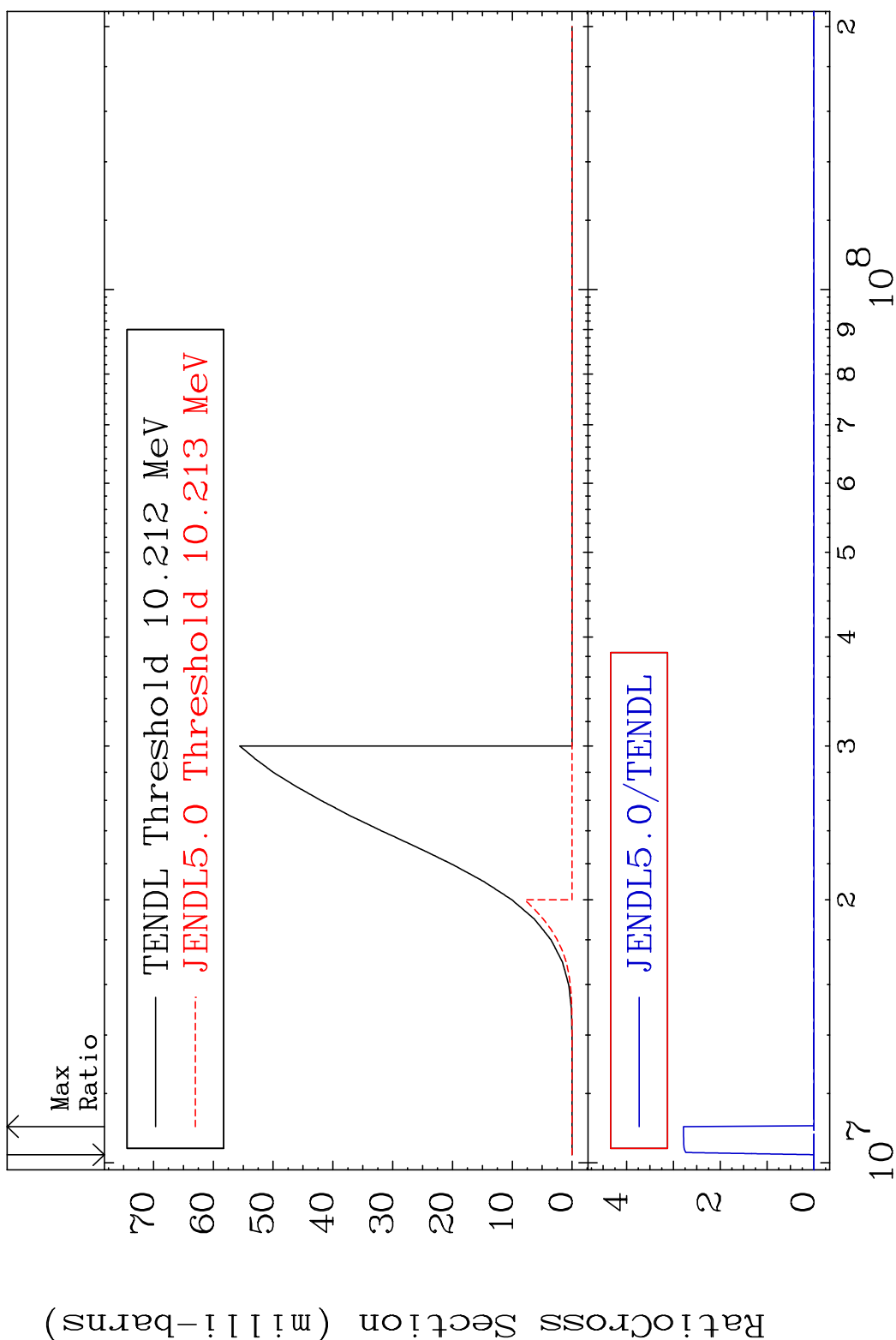
MAT 5046 (n,3n) 50-Sn-119  
 Cross Section -100.0 To 8201. %





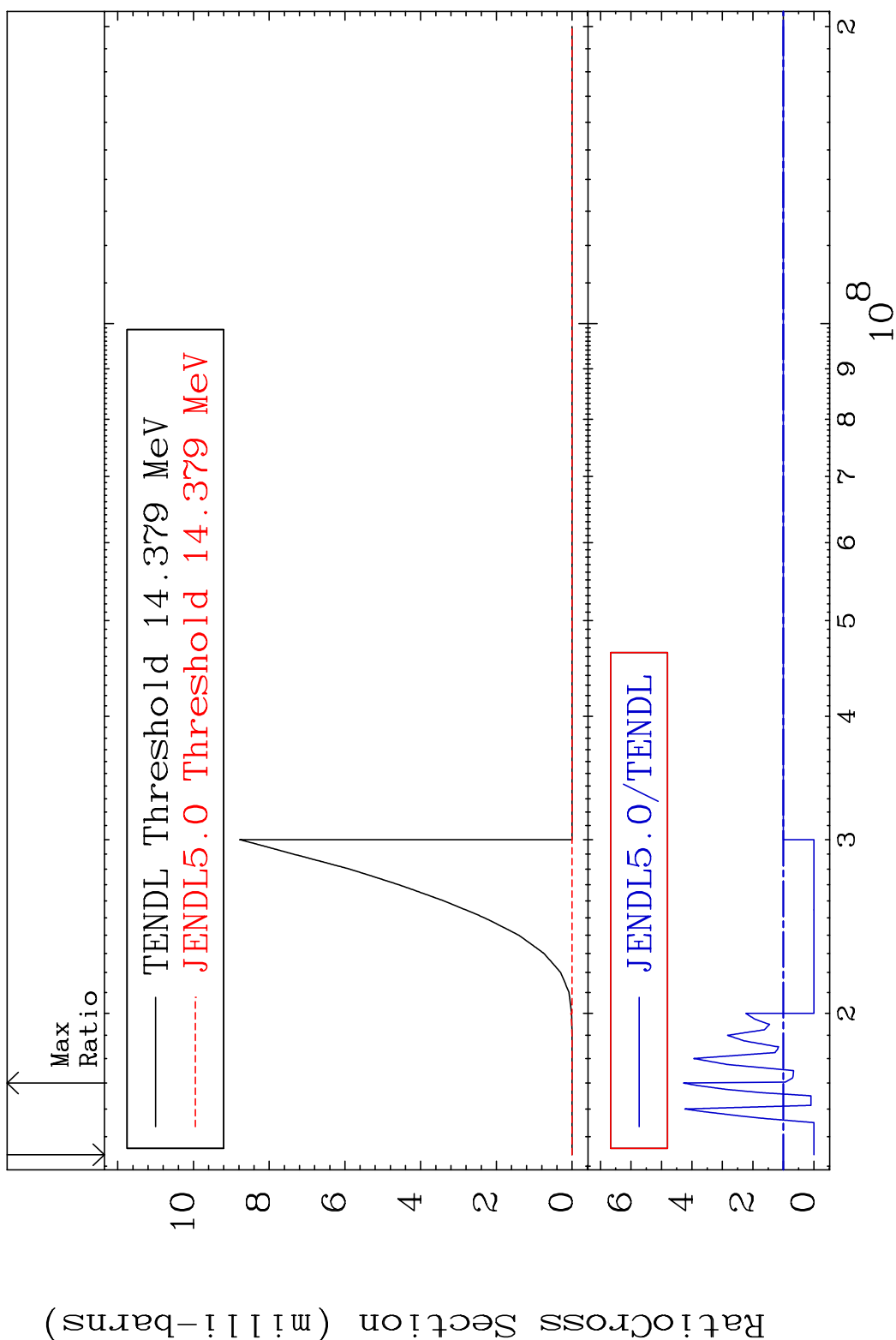


MAT 5046 (n, n') p 50-Sn-119  
 Cross Section -100.0 To 9999. %



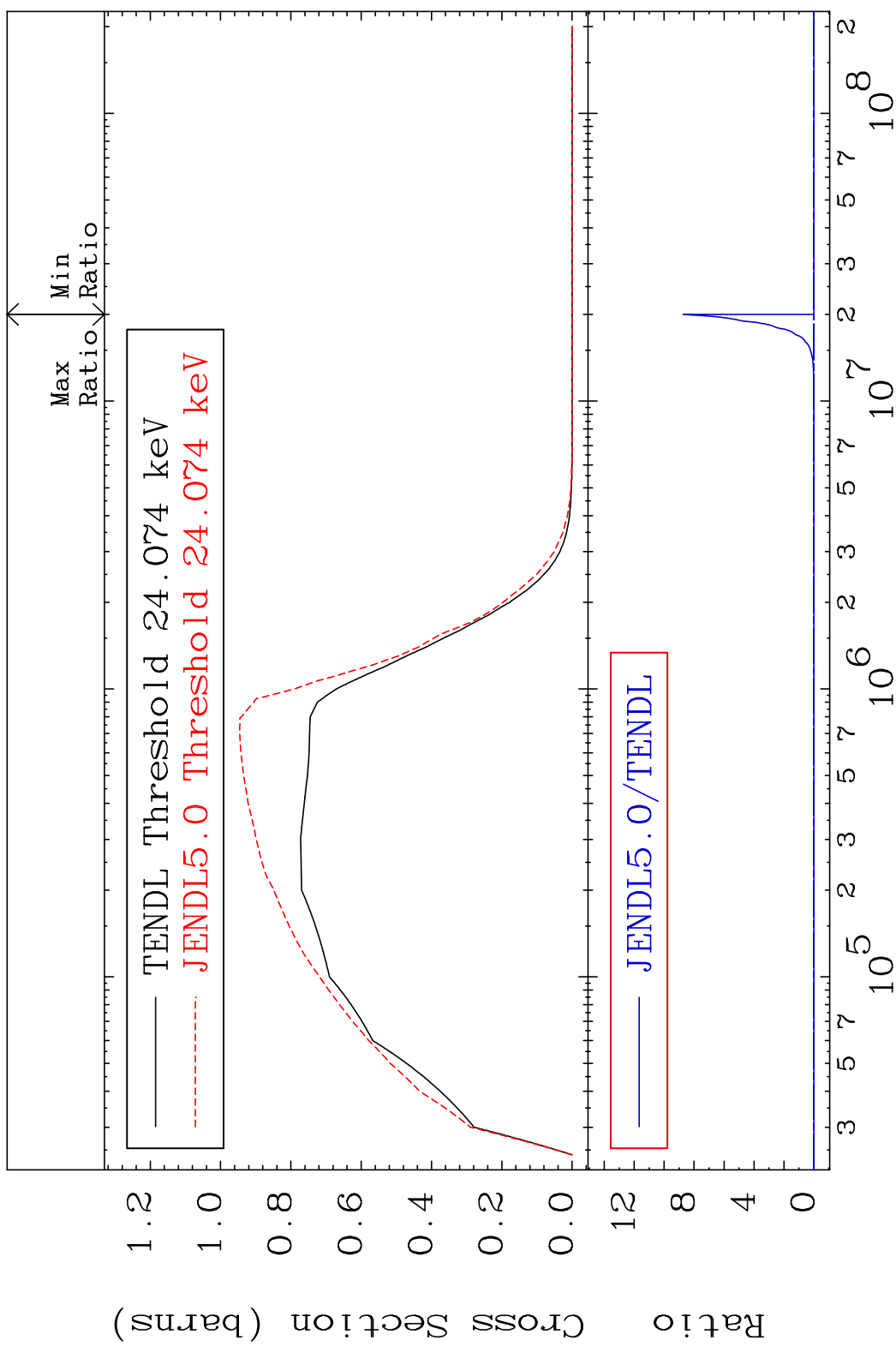
8 Incident Energy (eV) 50-Sn-119

MAT 5046 (n, n') d 50-Sn-119  
 Cross Section -100.0 To 327.8 %



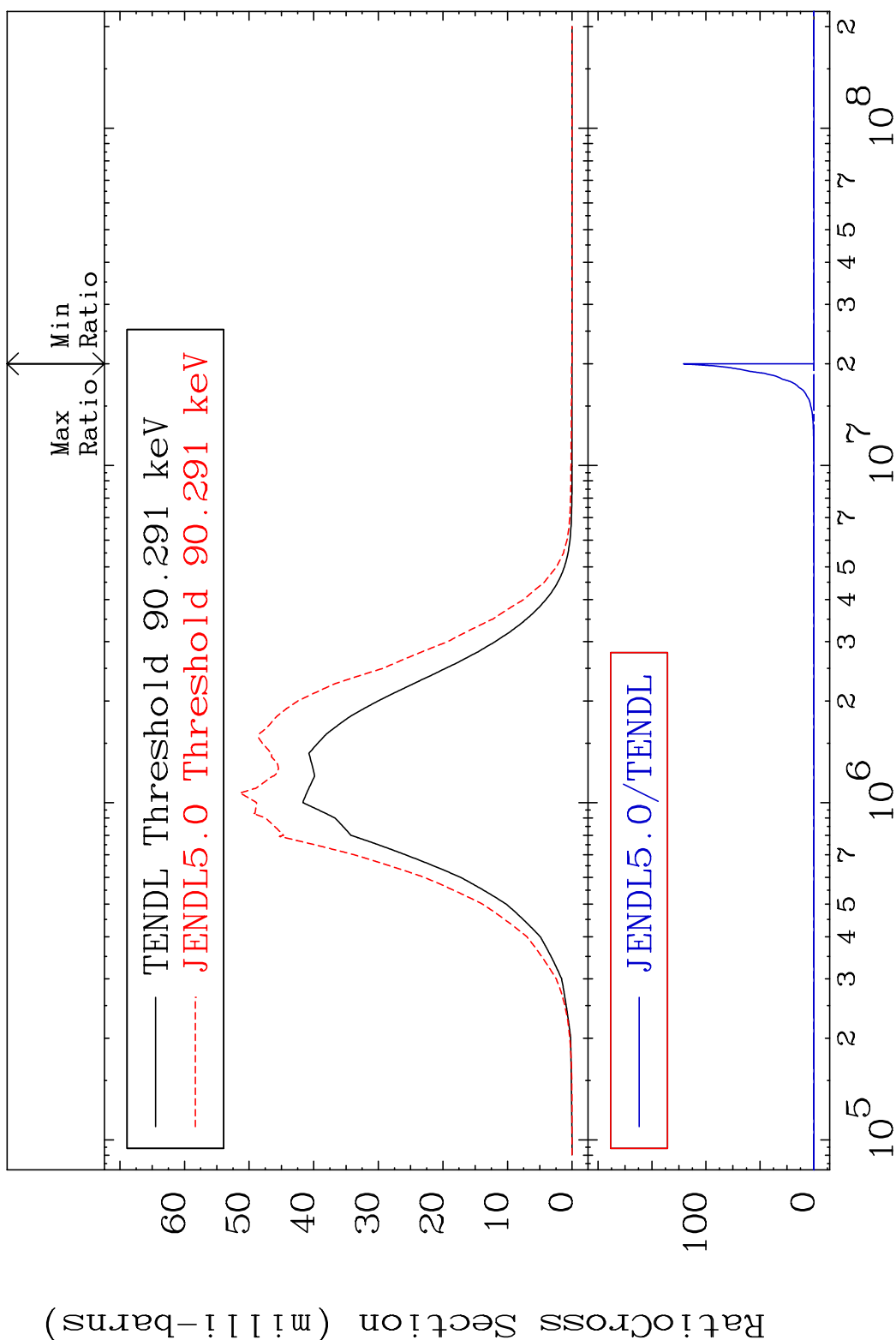
9 Incident Energy (eV) 50-Sn-119

MAT 5046 MT= 51 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %



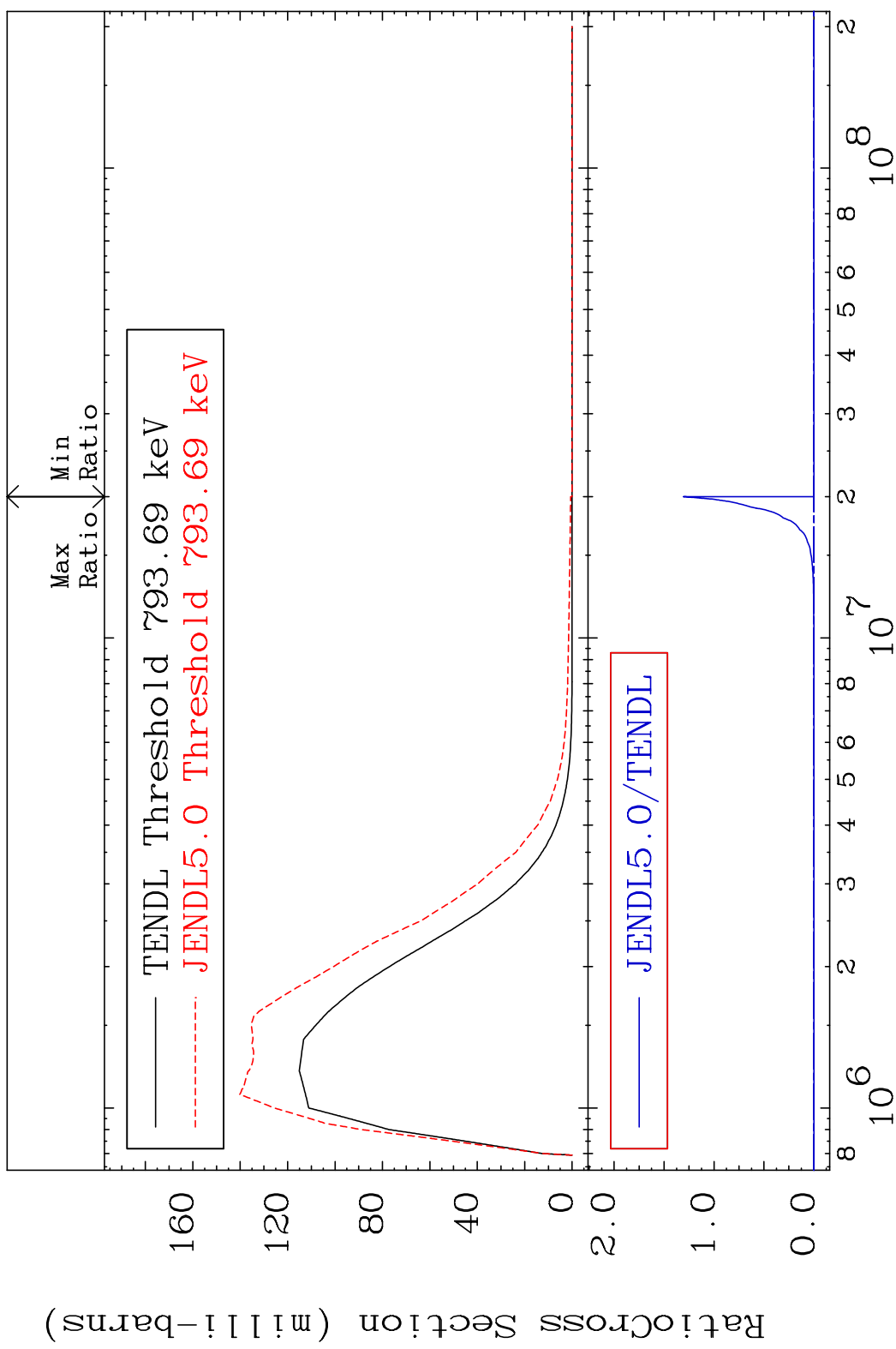
10 Incident Energy (eV) 50-Sn-119

MAT 5046 MT= 52 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %

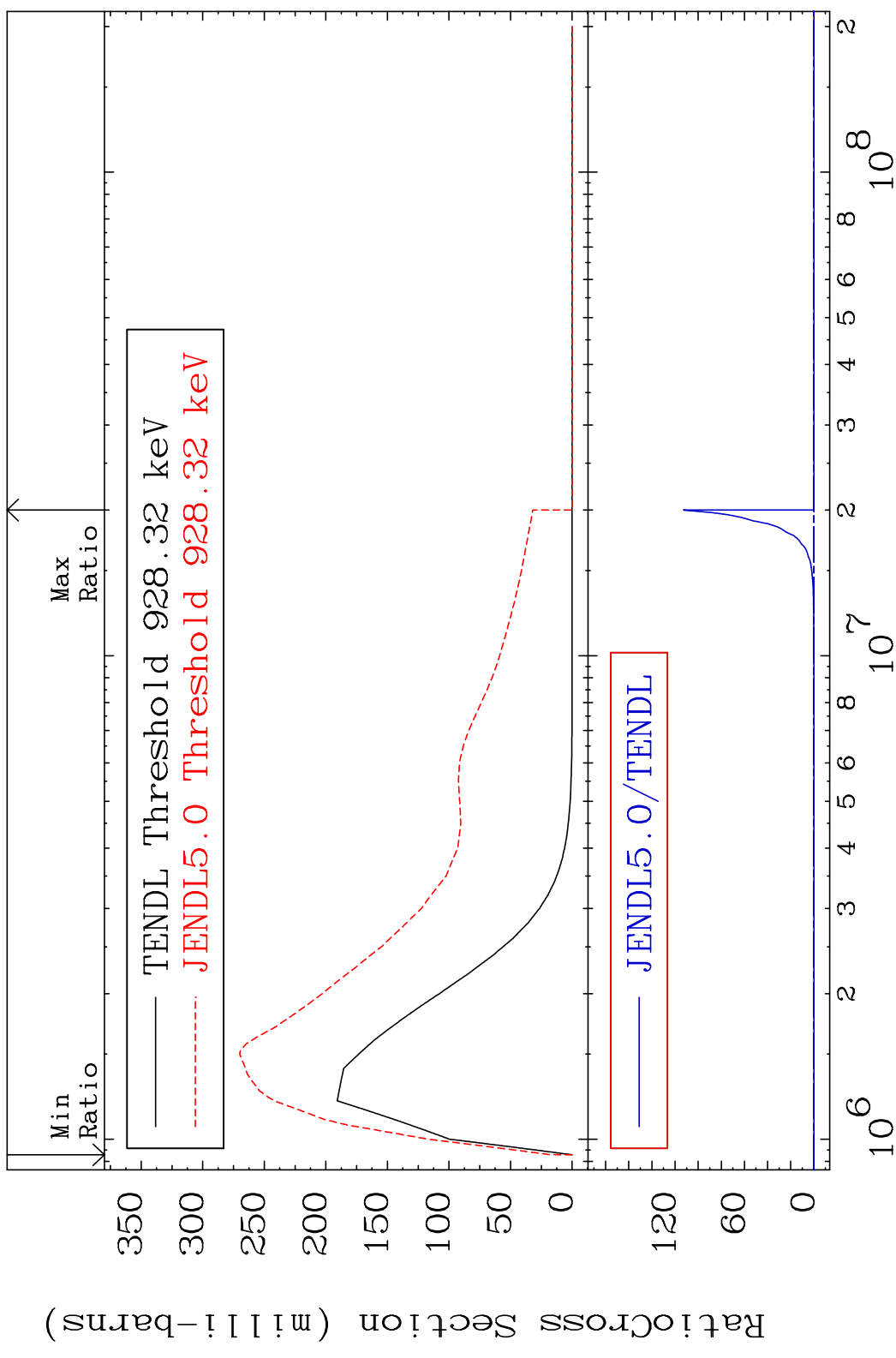


11 Incident Energy (eV) 50-Sn-119

MAT 5046 MT= 53 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %

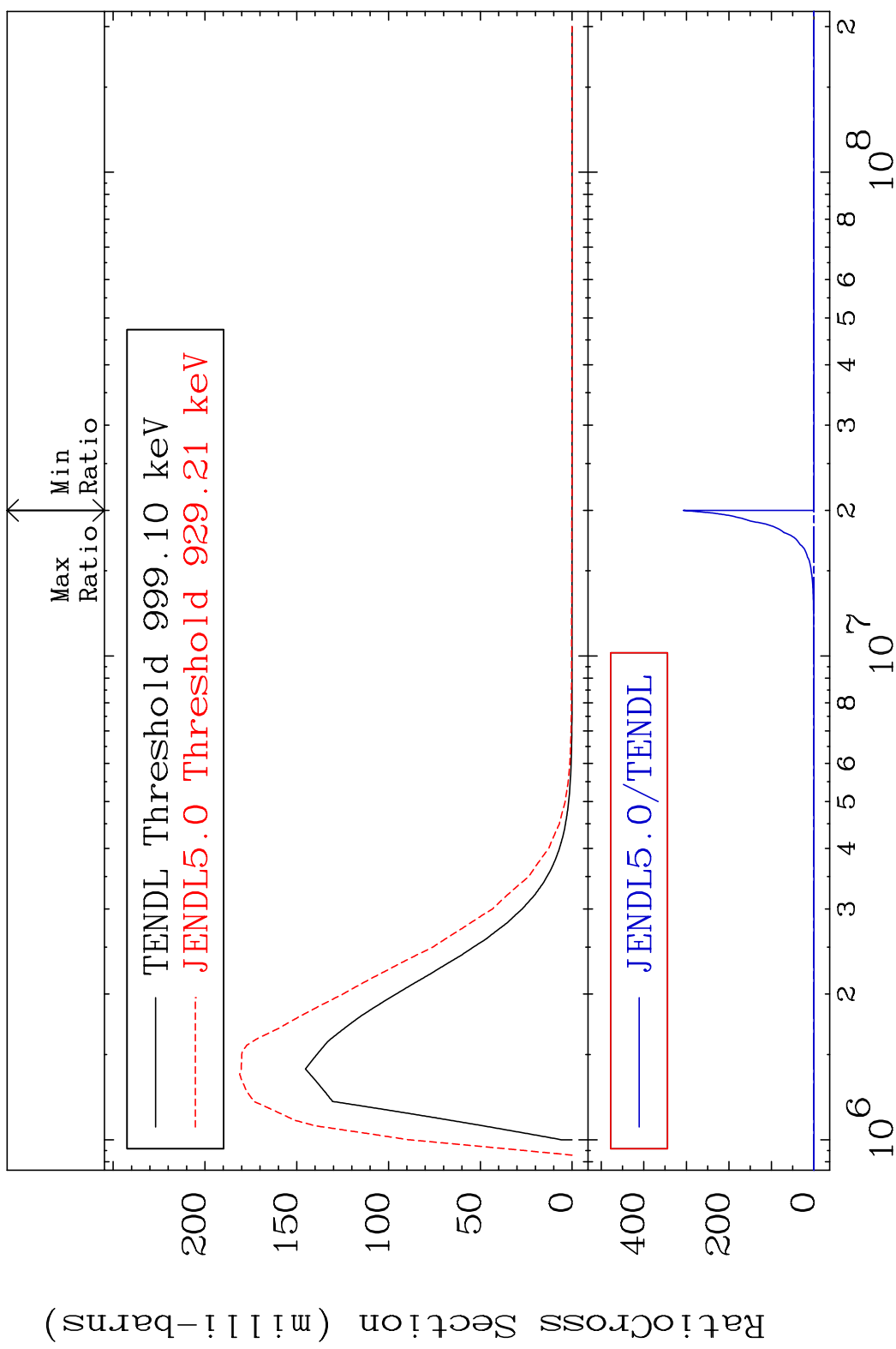


MAT 5046 MT= 54 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %



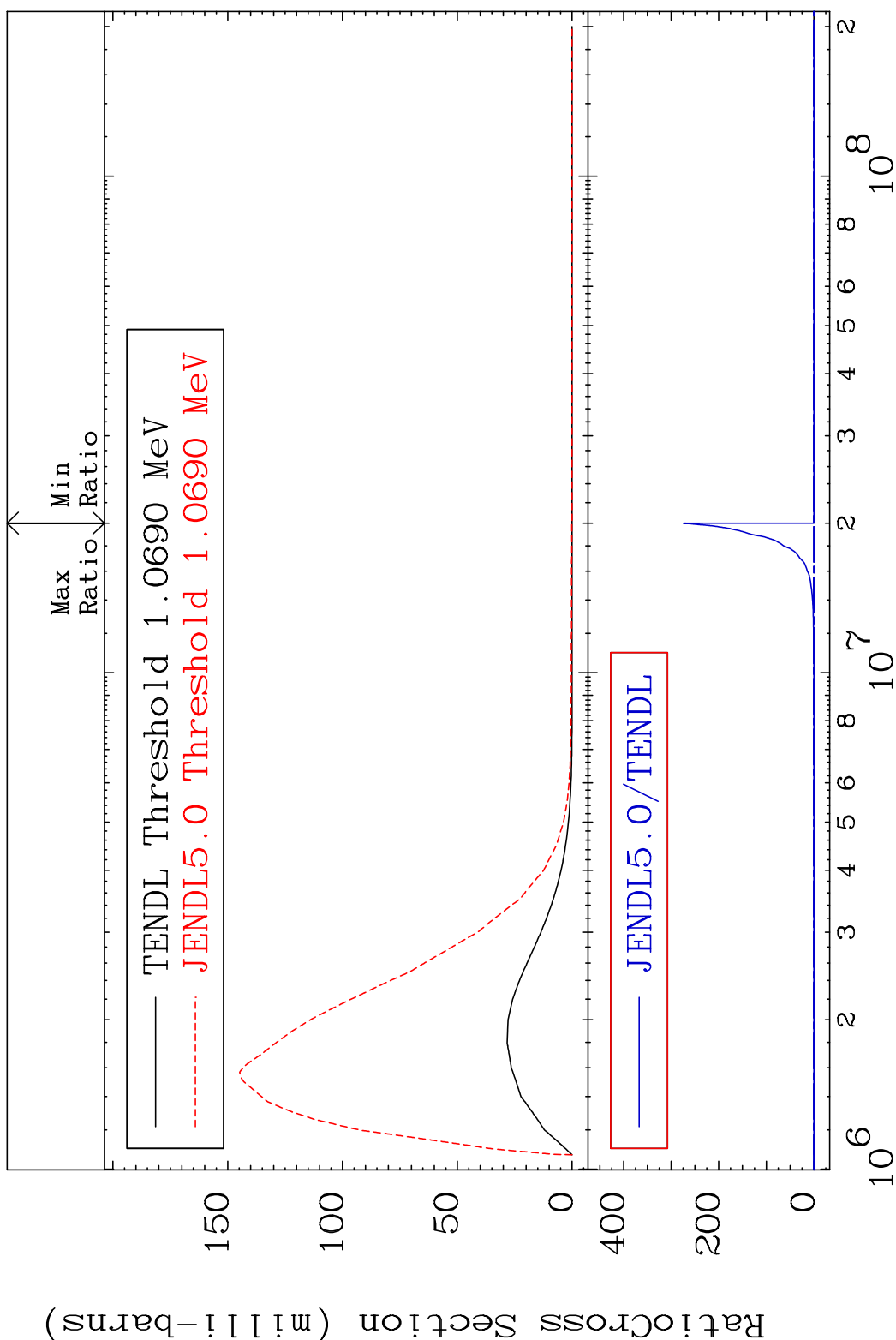
13 Incident Energy (eV) 50-Sn-119

MAT 5046 MT= 55 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %



14 Incident Energy (eV) 50-Sn-119

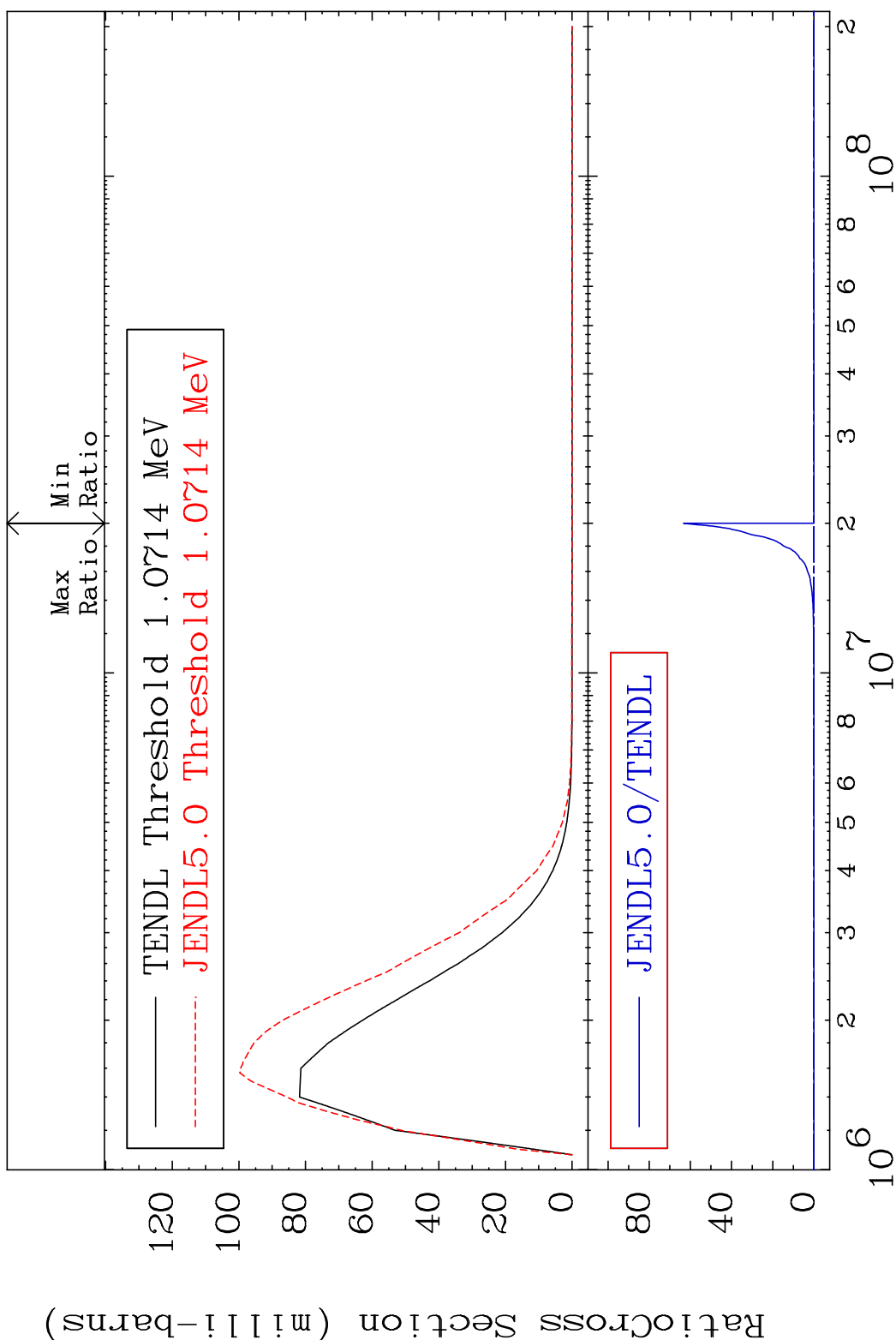
MAT 5046 MT= 56 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %



15 Incident Energy (eV) 50-Sn-119

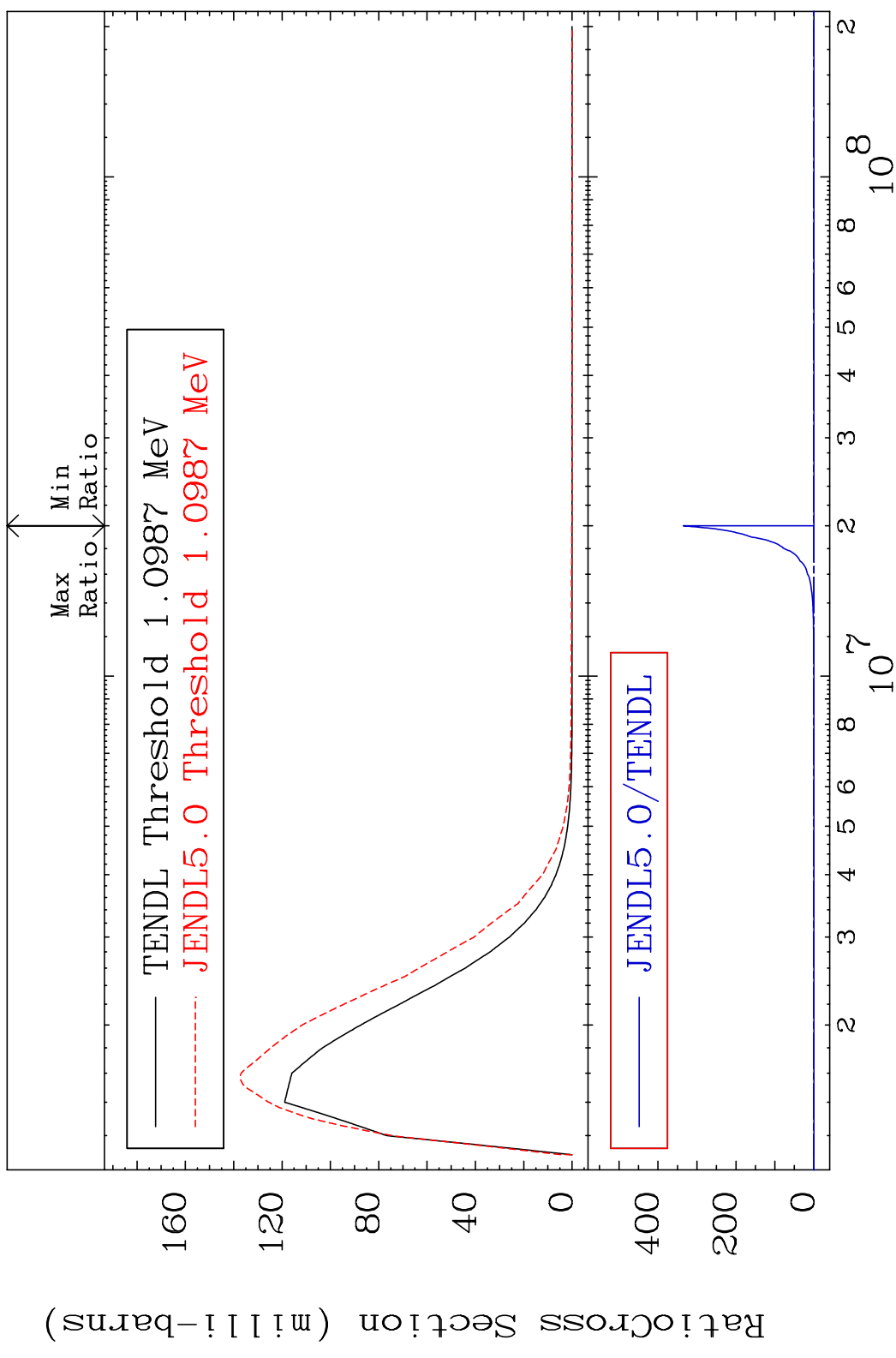


MAT 5046 MT= 57 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %



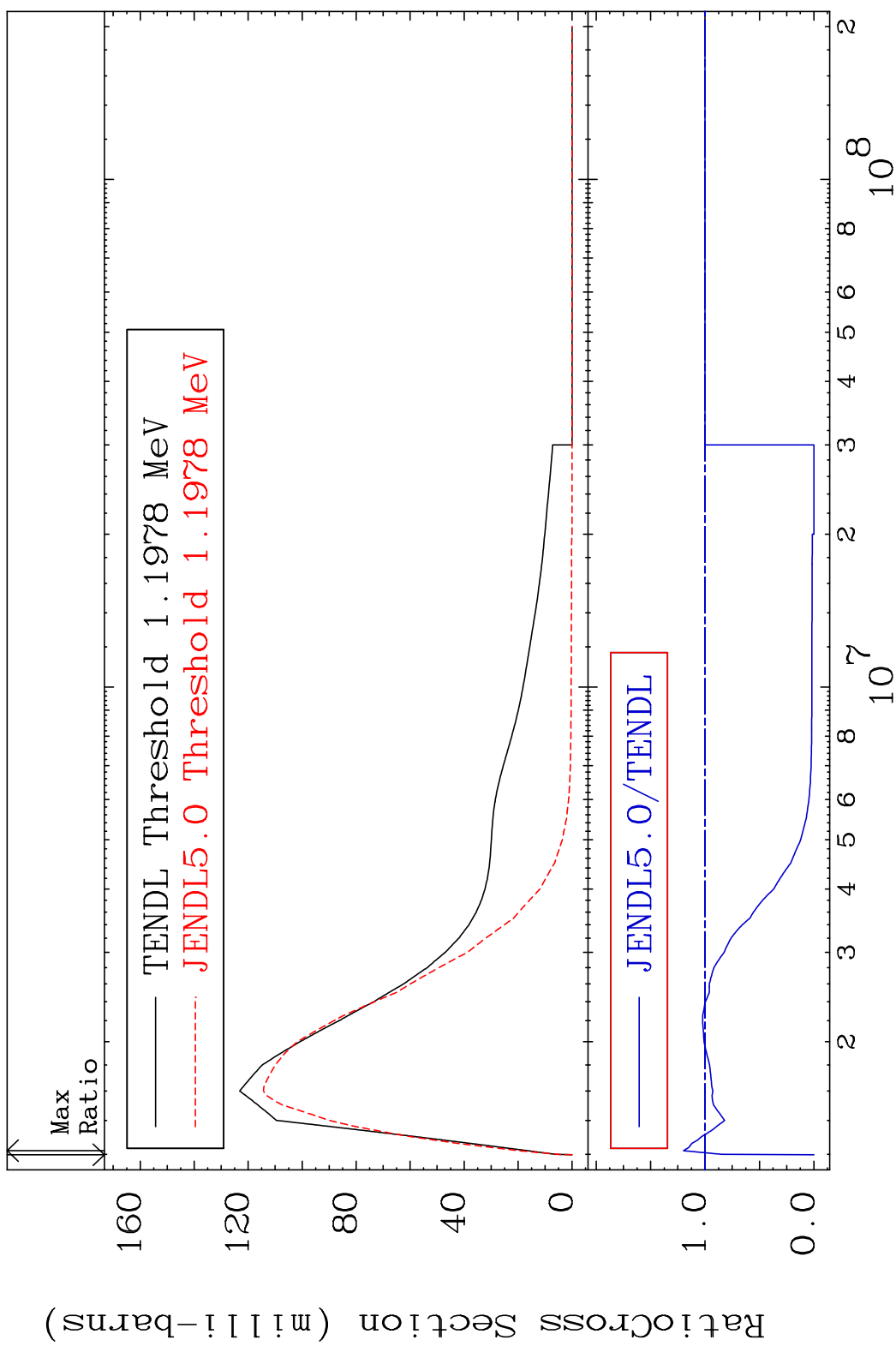
16 Incident Energy (eV) 50-Sn-119

MAT 5046 MT= 58 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %



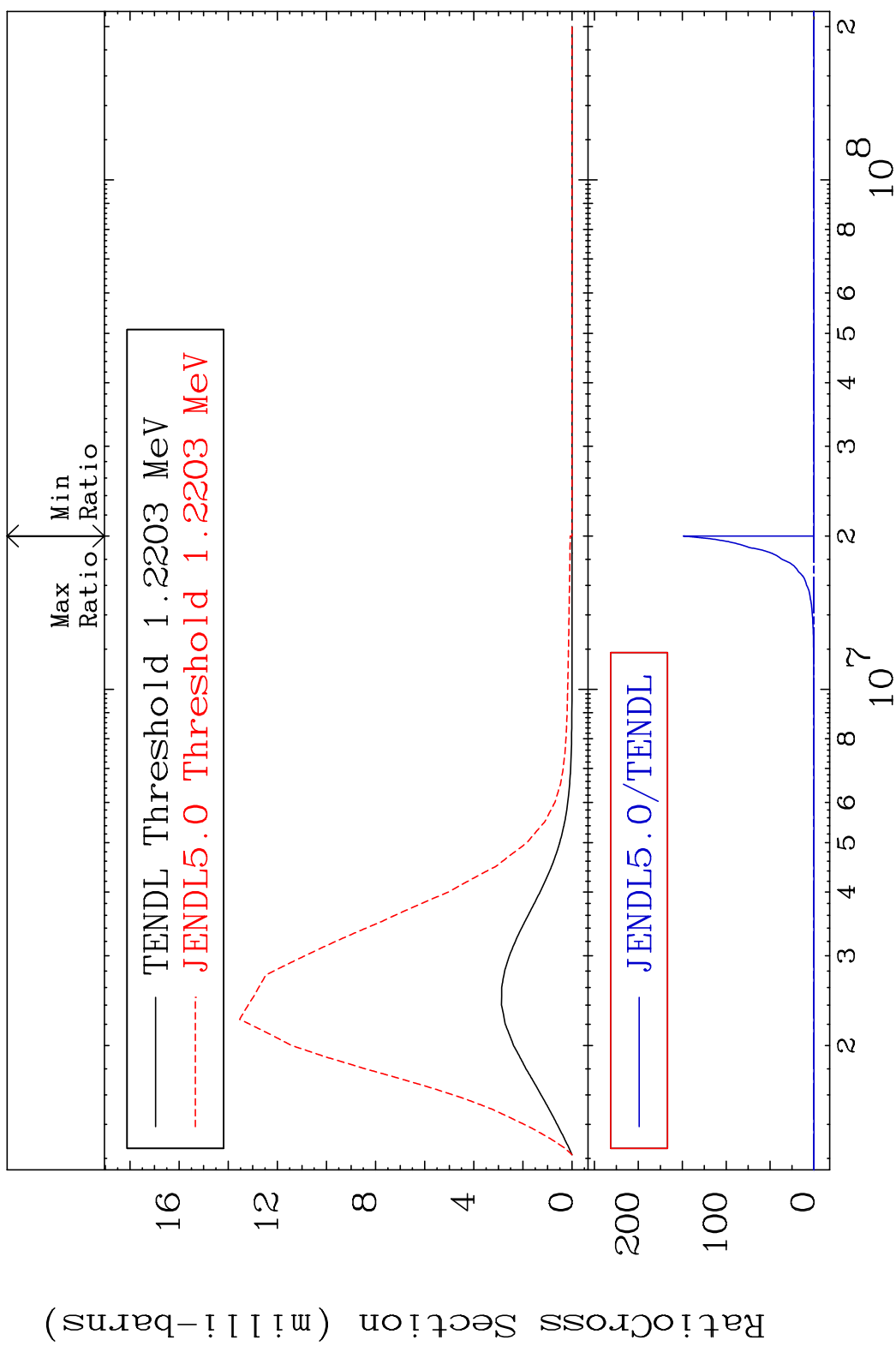
17 Incident Energy (eV) 50-Sn-119

MAT 5046 MT= 59 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 19.83 %



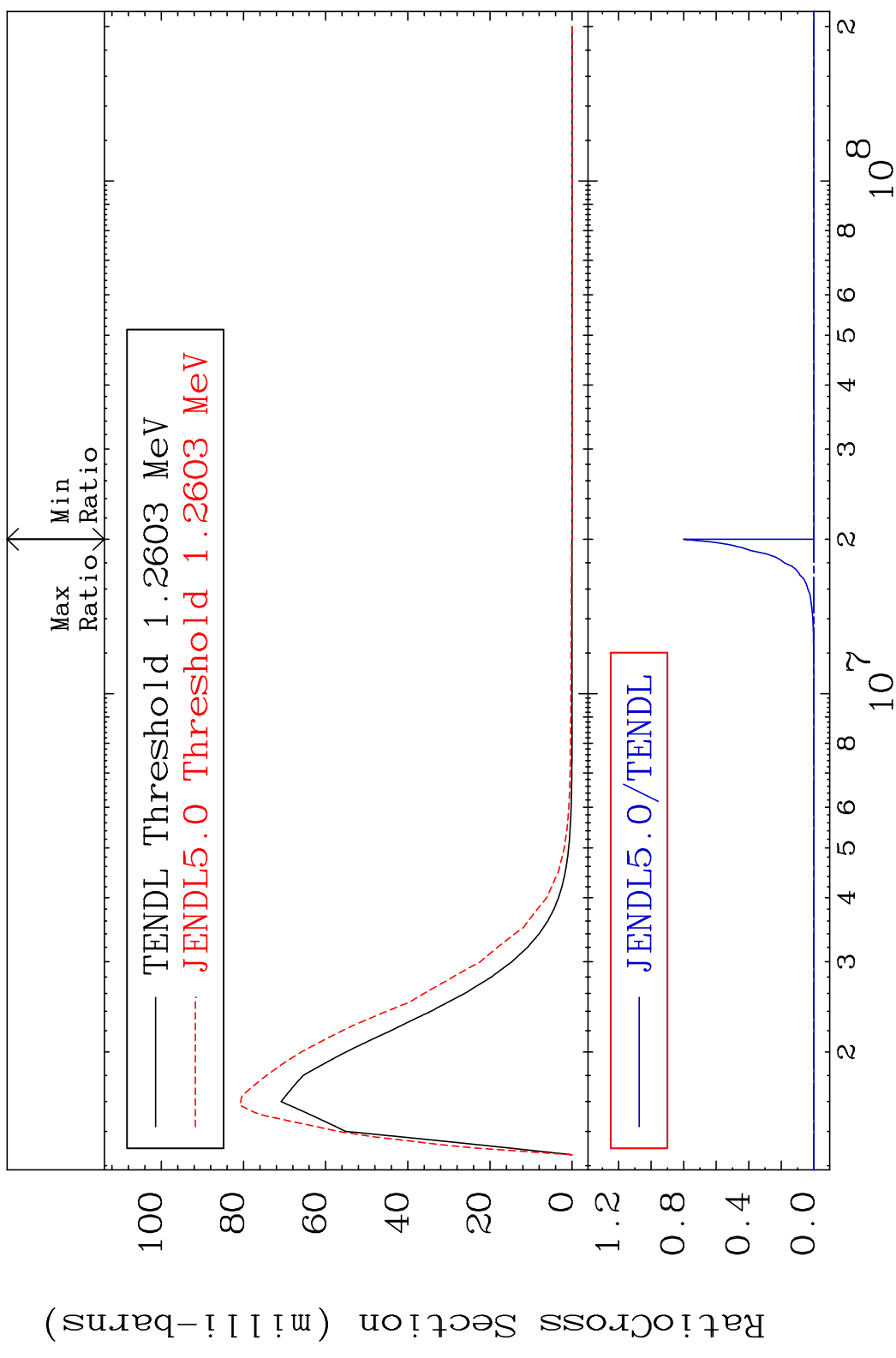
18 50-Sn-119

MAT 5046 MT= 60 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %



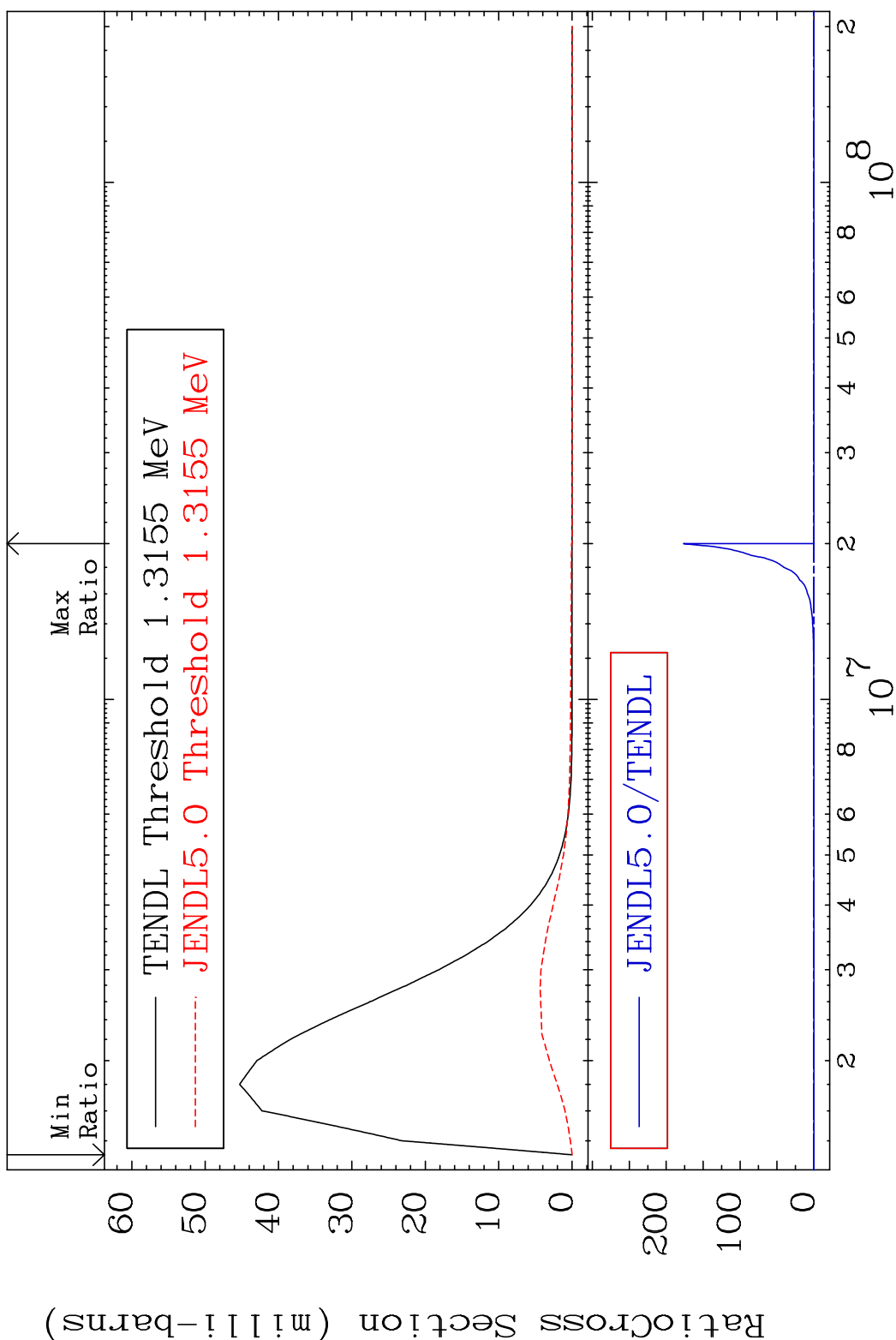
19 50-Sn-119

MAT 5046 MT= 61 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %

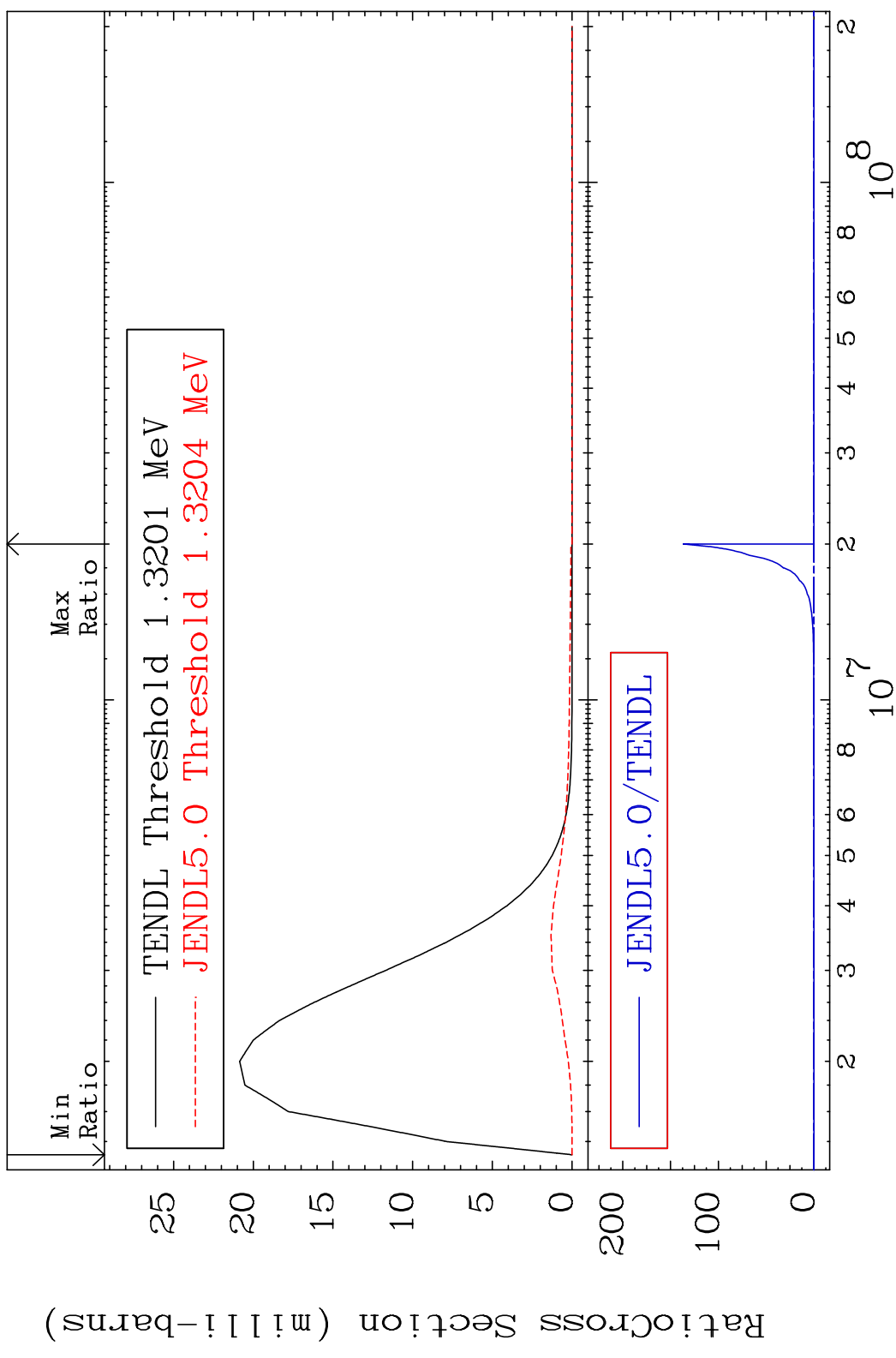


20 Incident Energy (eV) 50-Sn-119

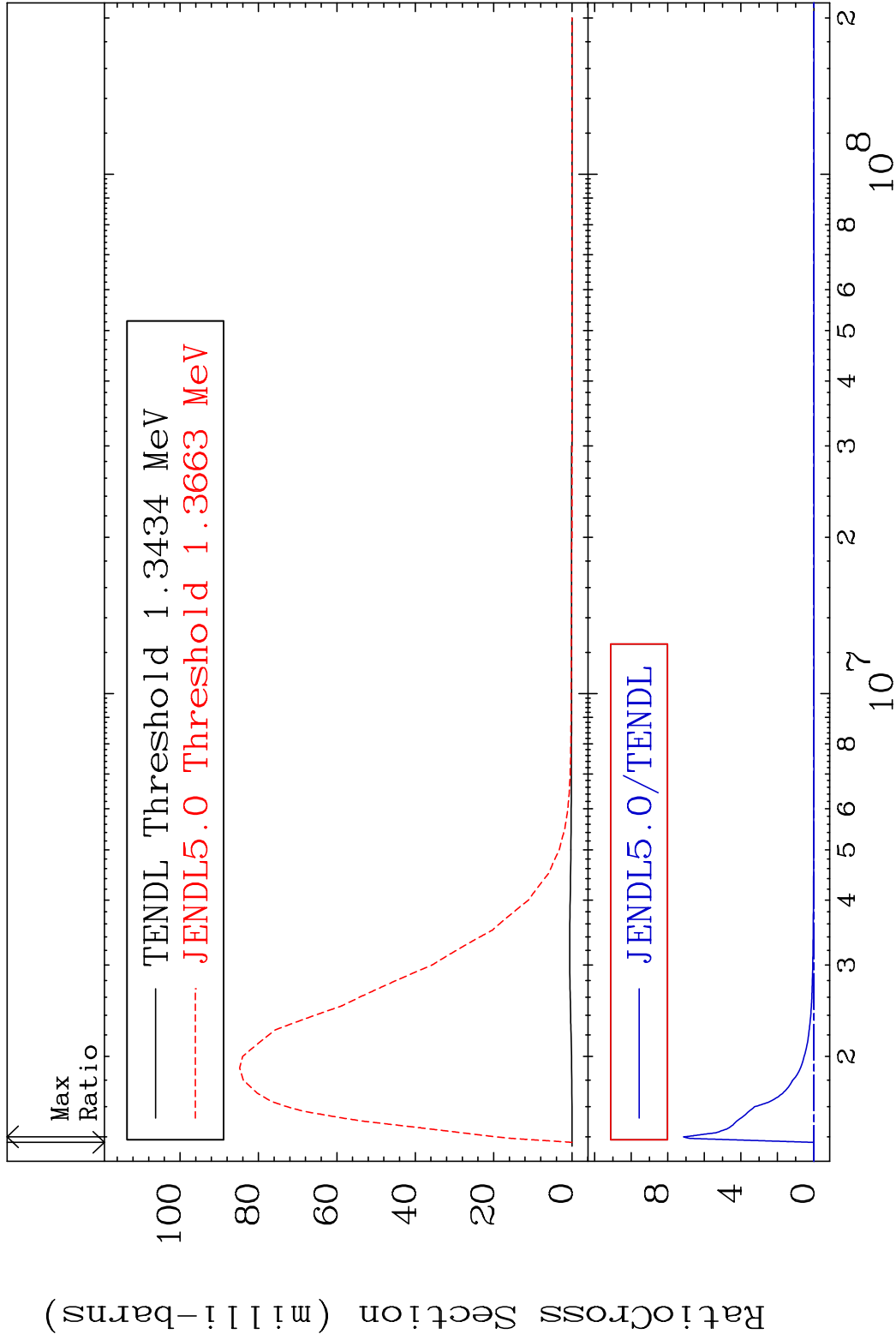
MAT 5046 MT= 62 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %



MAT 5046 MT= 63 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %



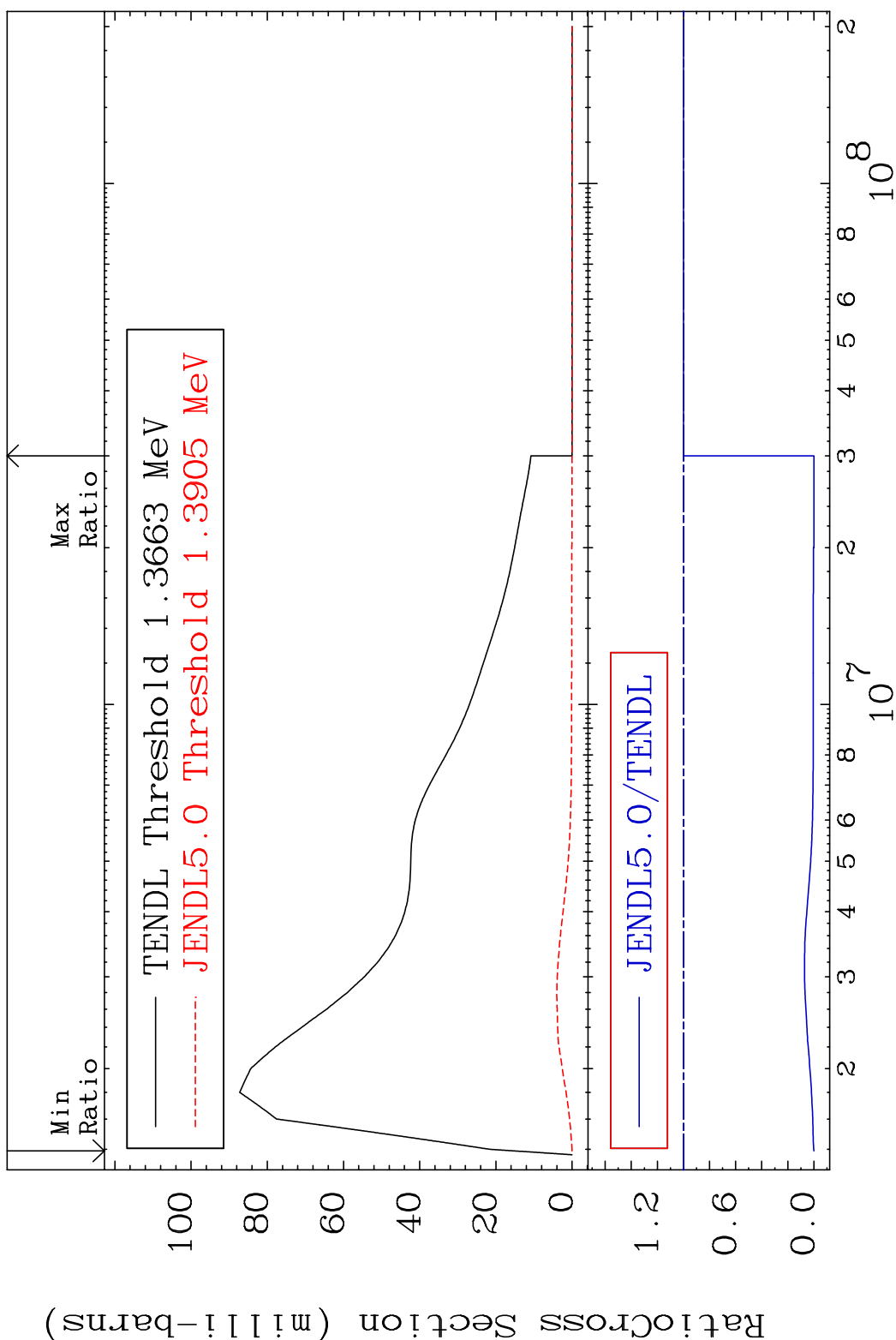
MAT 5046 MT= 64 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %



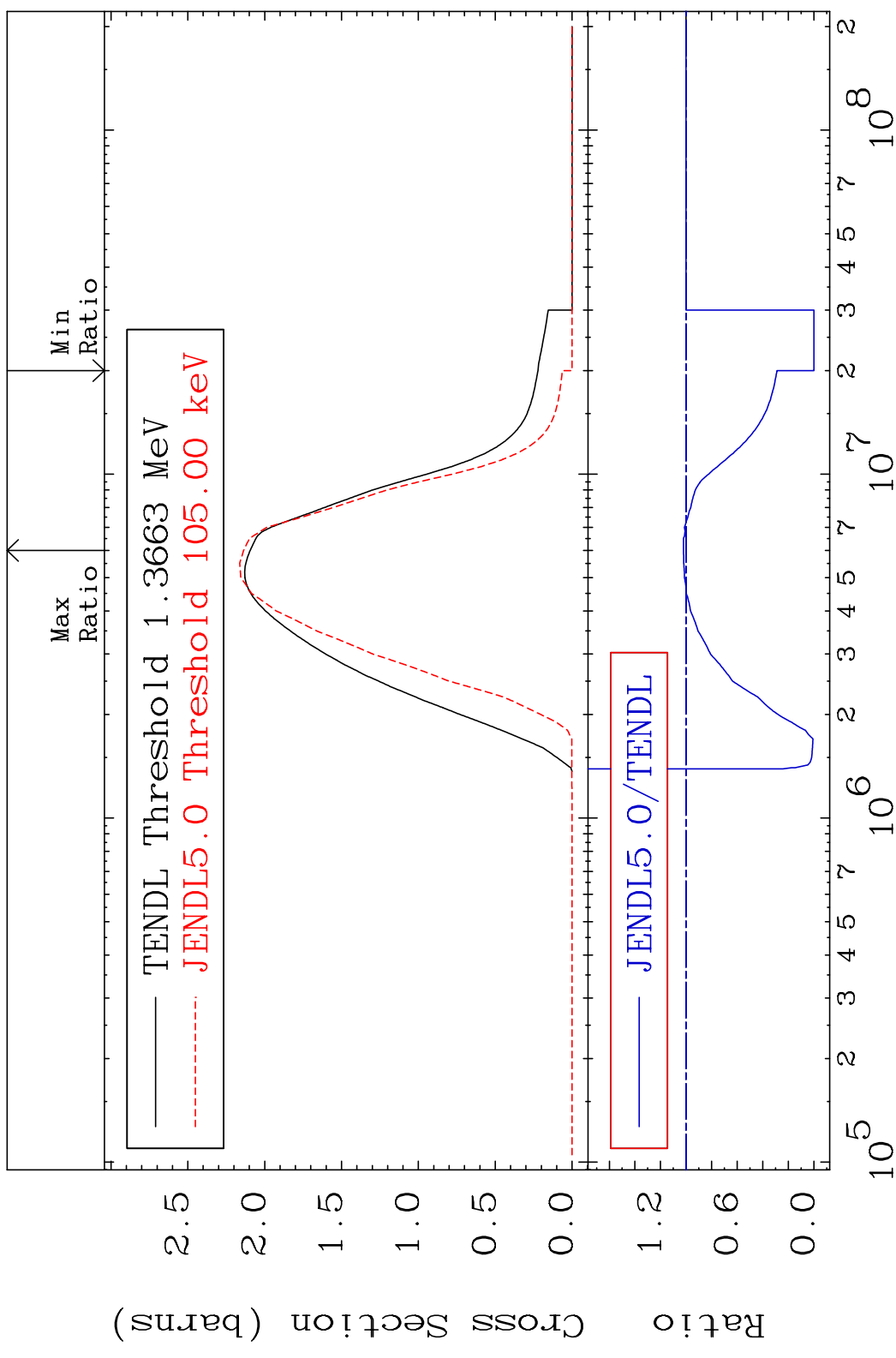
23 Incident Energy (eV) 50-Sn-119



MAT 5046 MT= 65 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 0.000 %

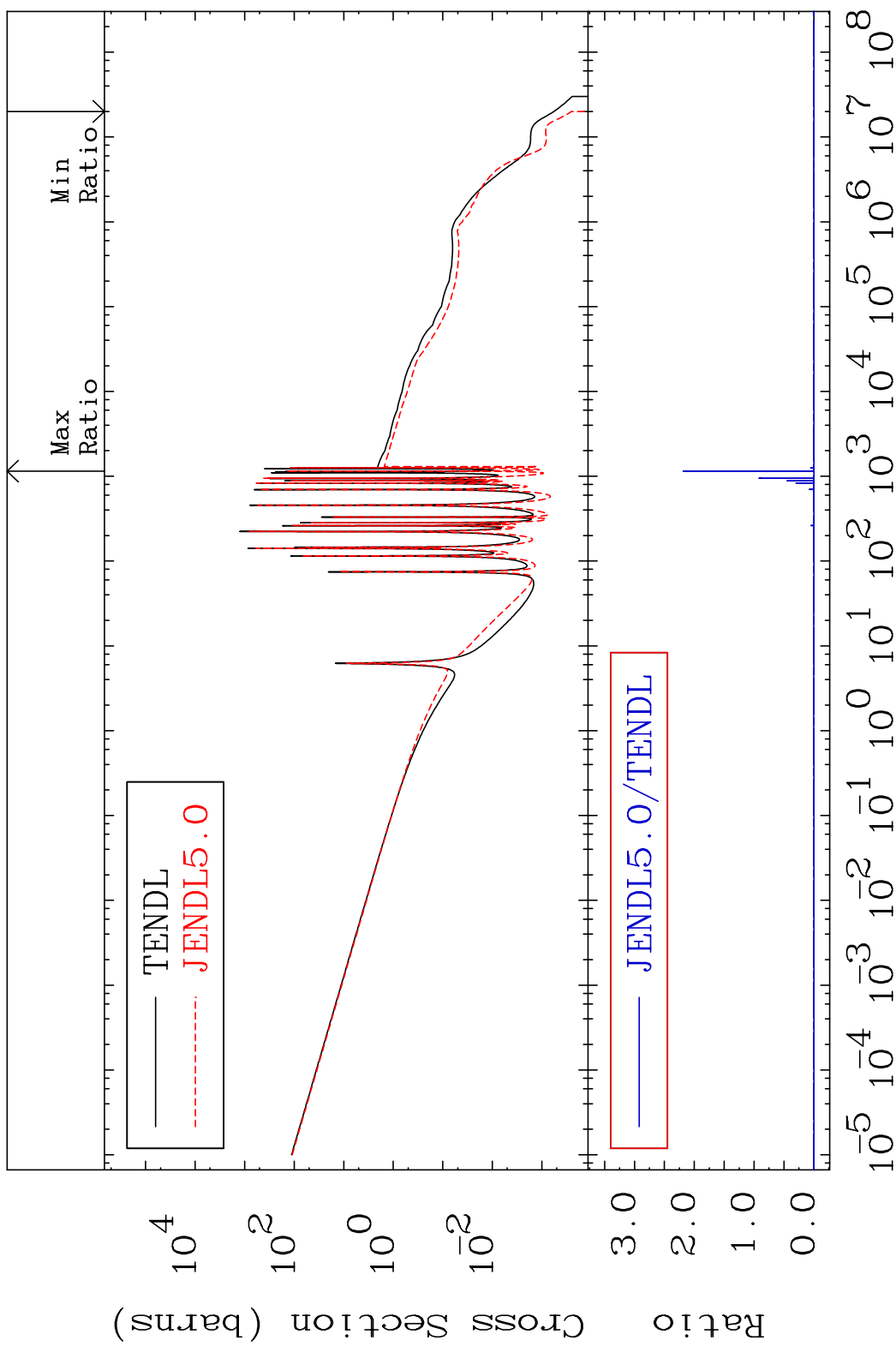


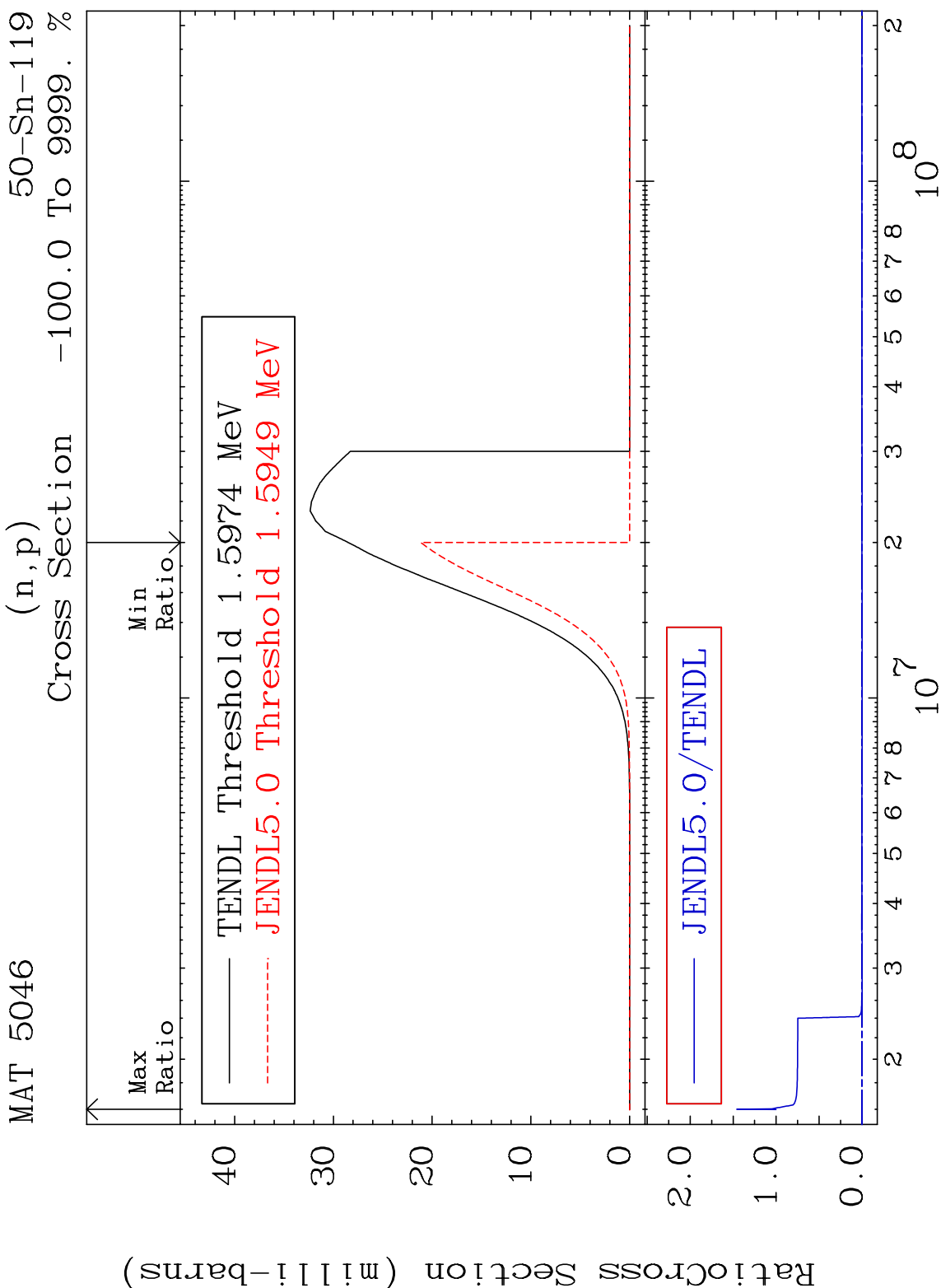
MAT 5046 (n,n') Continuum 50-Sn-119  
 Cross Section -100.0 To 2.037 %



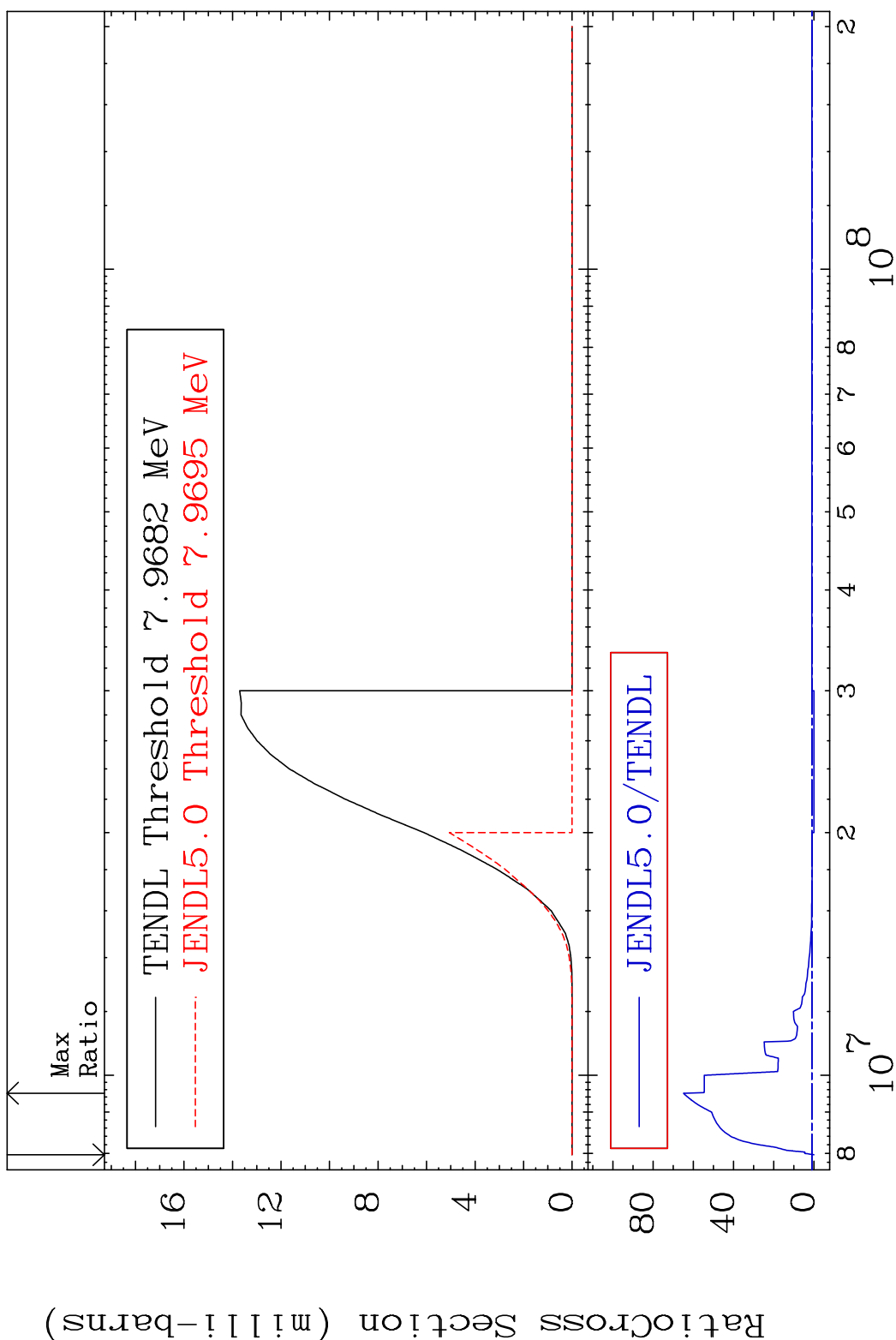
25 50-Sn-119

MAT 5046  $(n, \gamma)$  50-Sn-119  
 Cross Section -100.0 To 9999. %



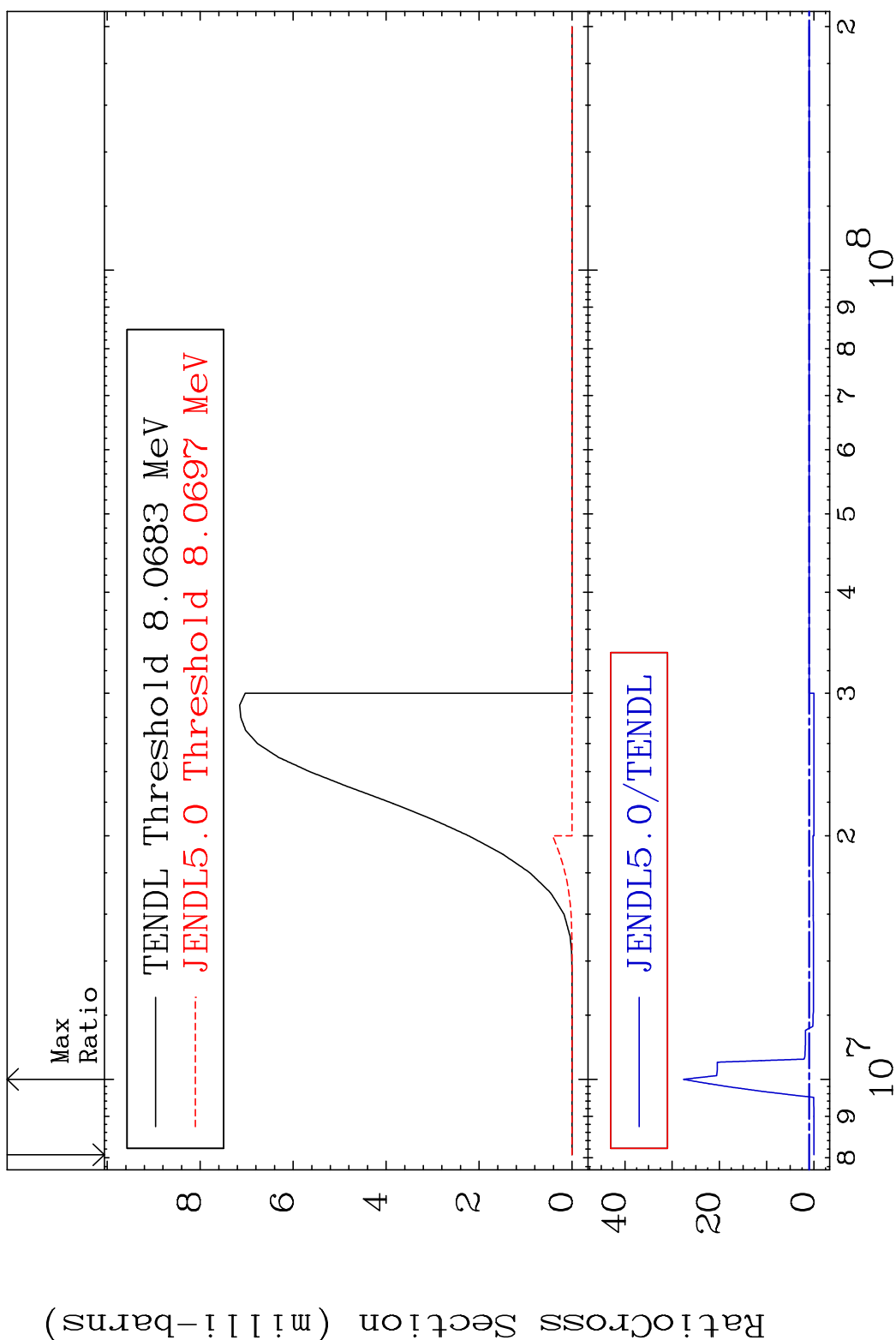


MAT 5046 (n, d) 50-Sn-119  
 Cross Section -100.0 To 6390. %



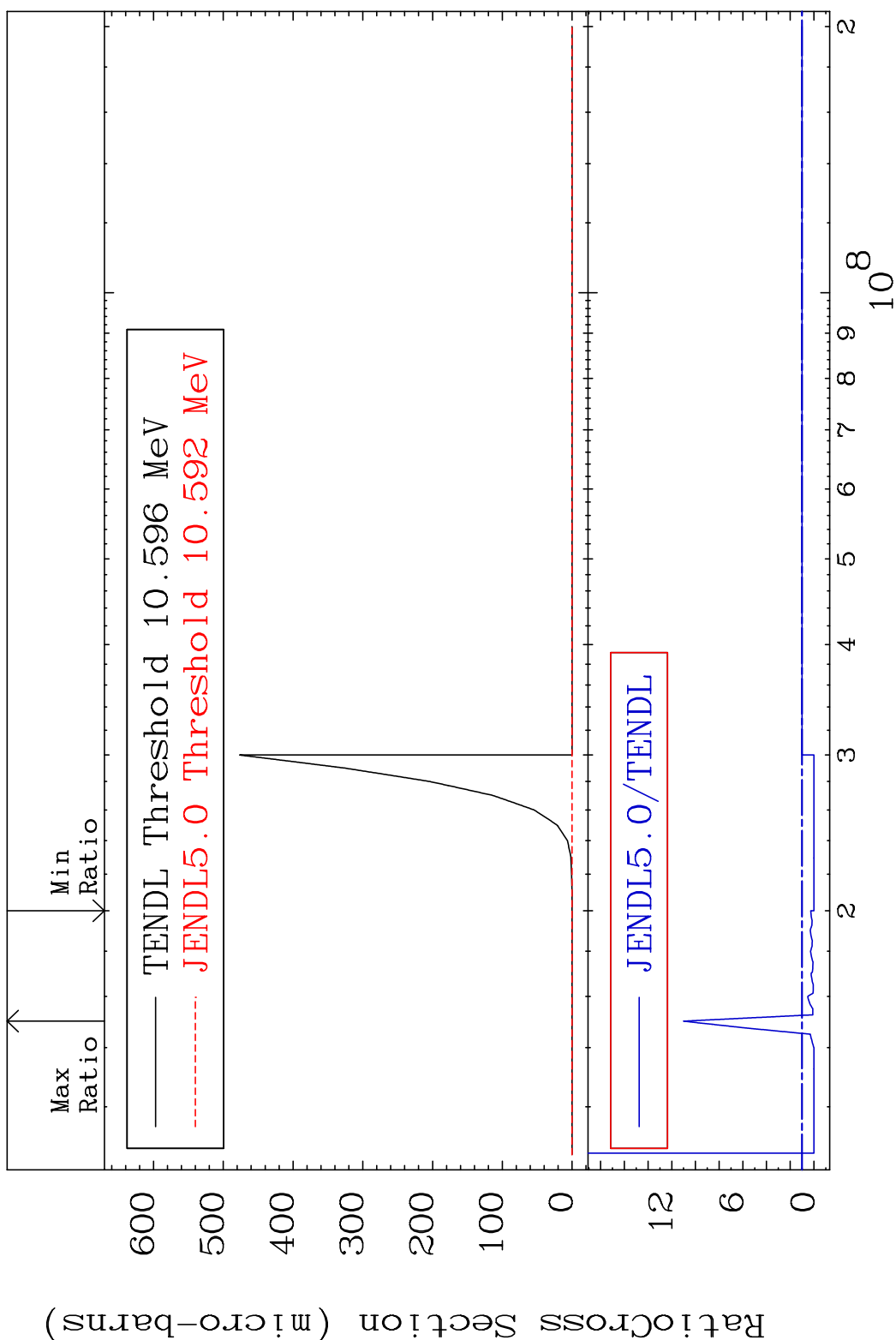
28 50-Sn-119

MAT 5046 (n, t) 50-Sn-119  
 Cross Section -100.0 To 2661. %

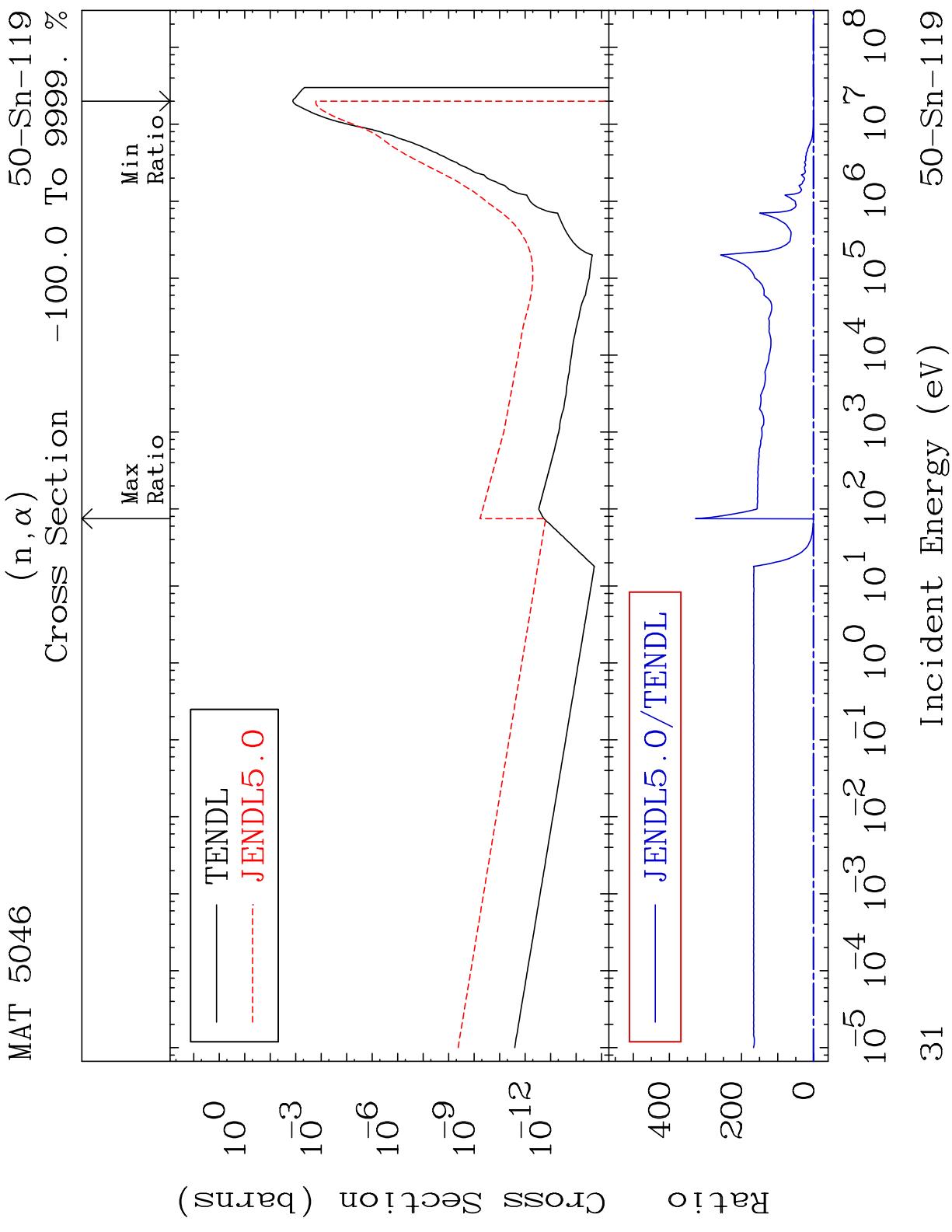


29 Incident Energy (eV) 50-Sn-119

MAT 5046 (n, He-3) 50-Sn-119  
Cross Section -100.0 To 1001. %

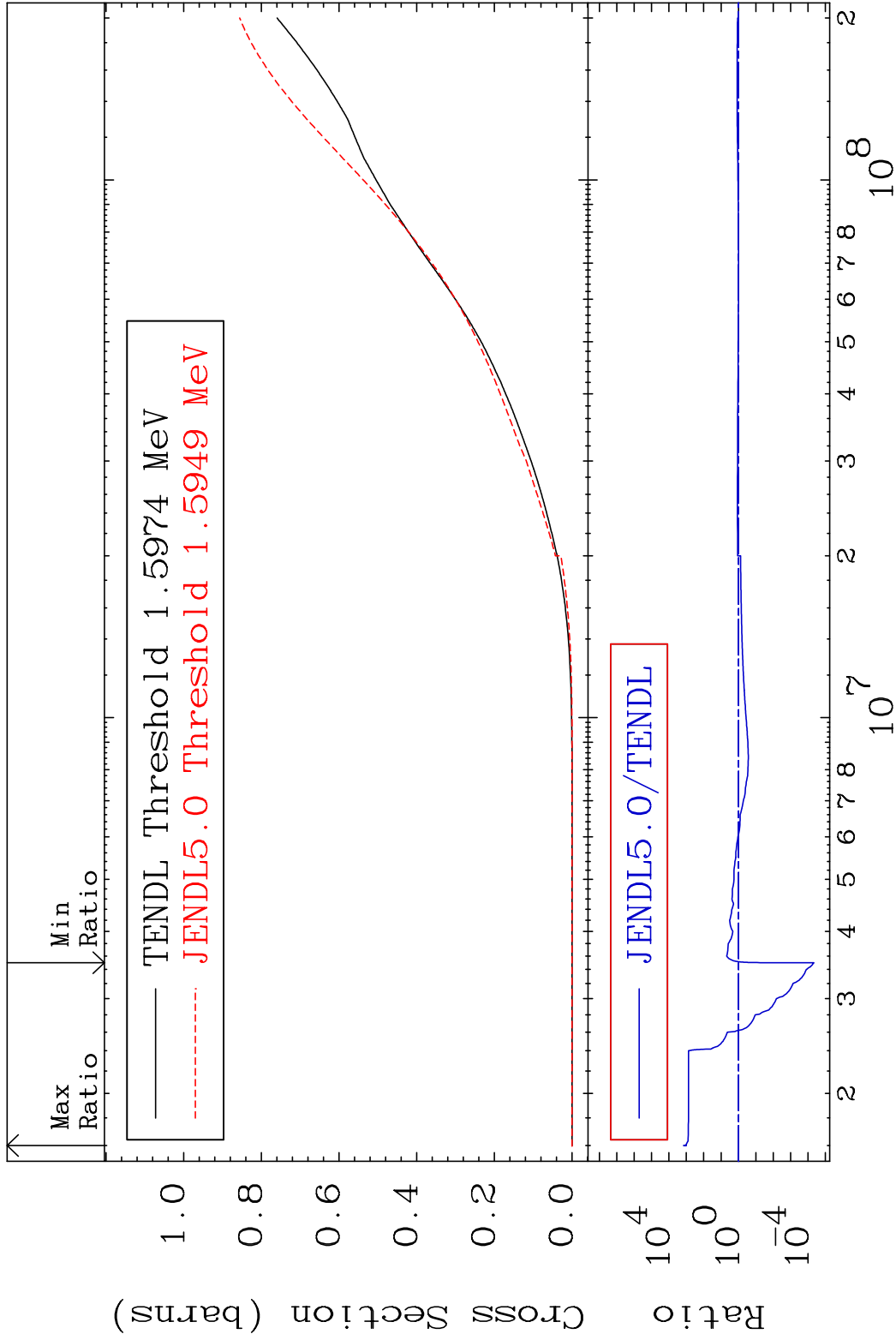


30 50-Sn-119

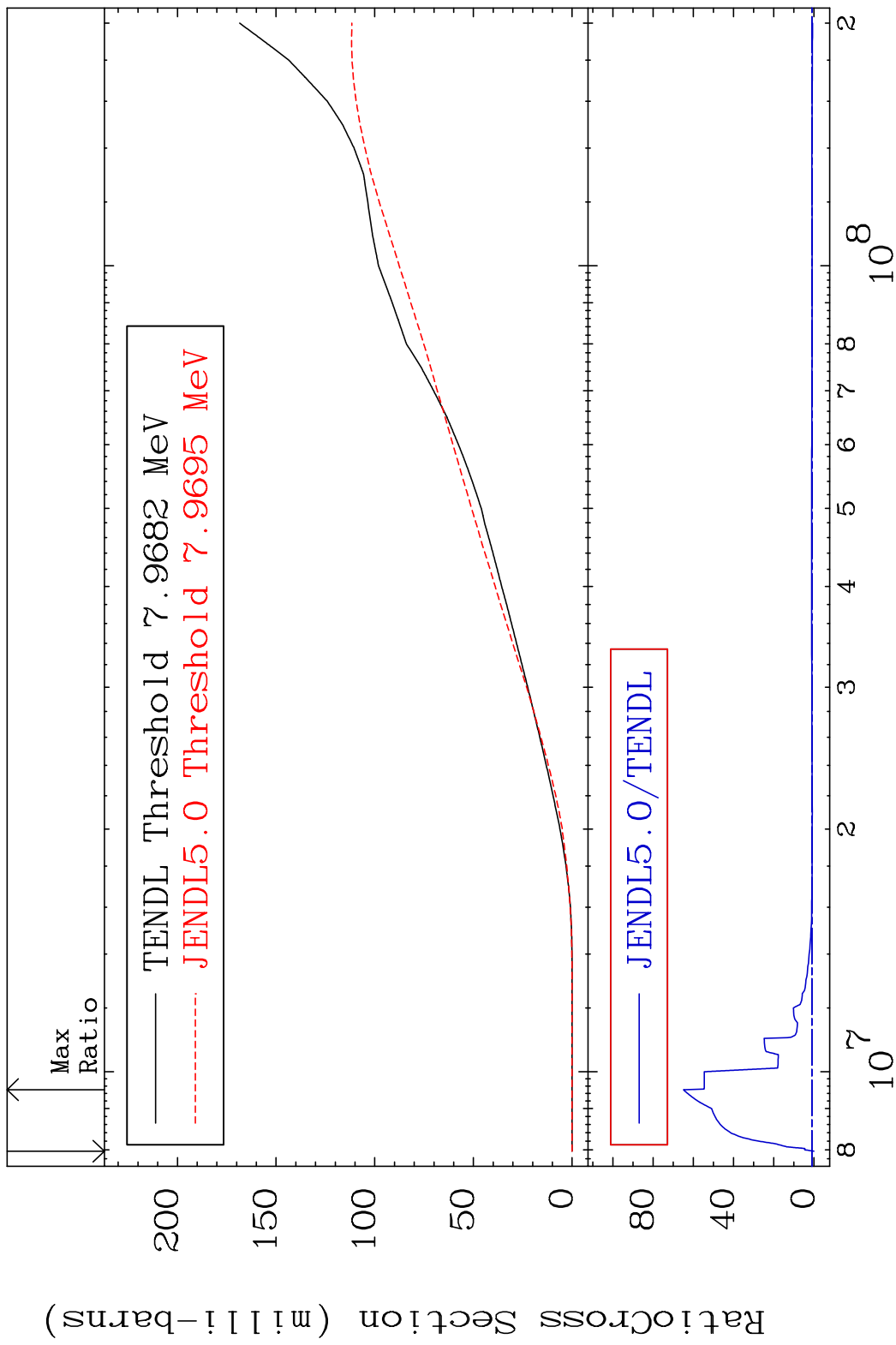




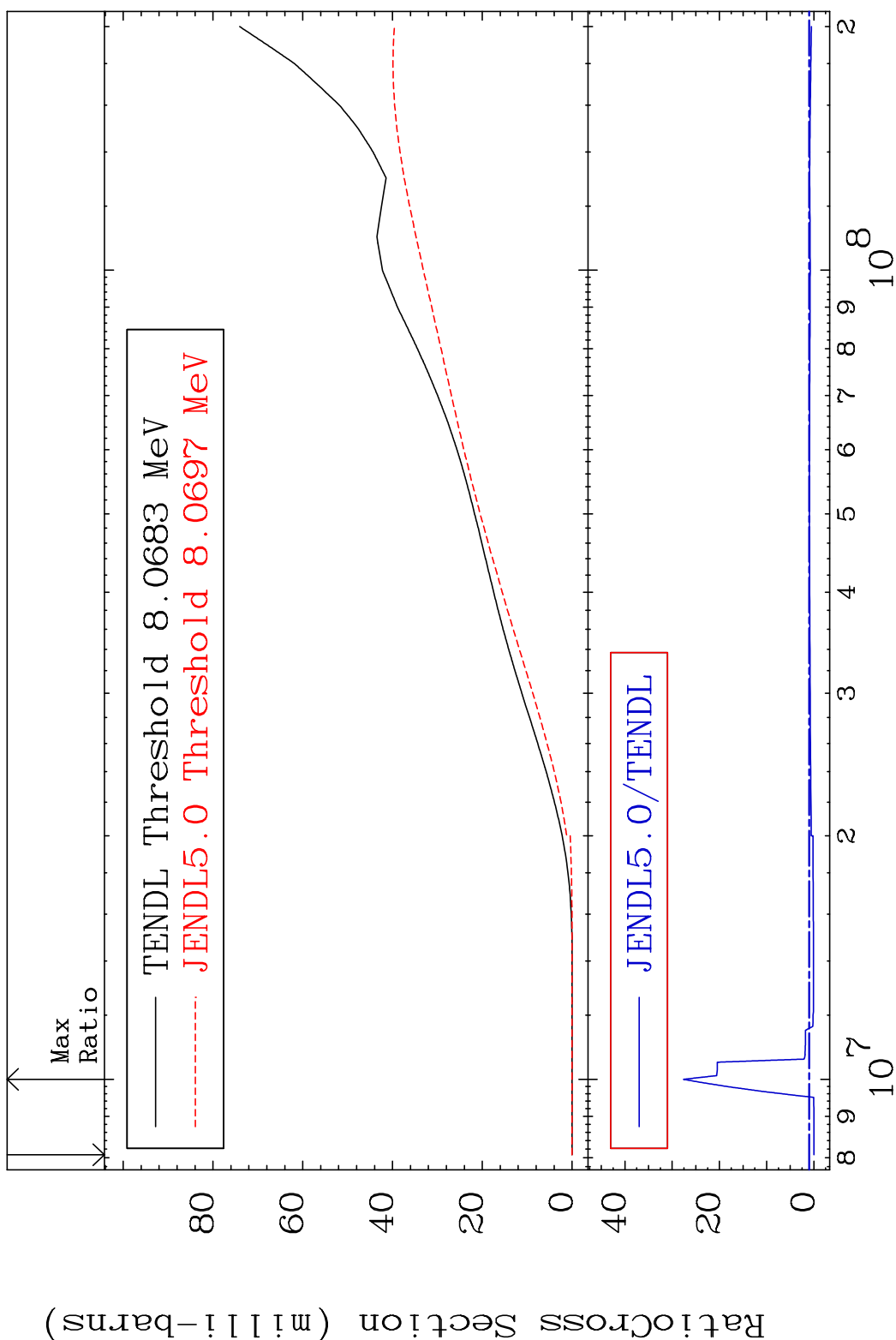
MAT 5046 Hydrogen Production 50-Sn-119  
 Cross Section -100.0 To 9999. %

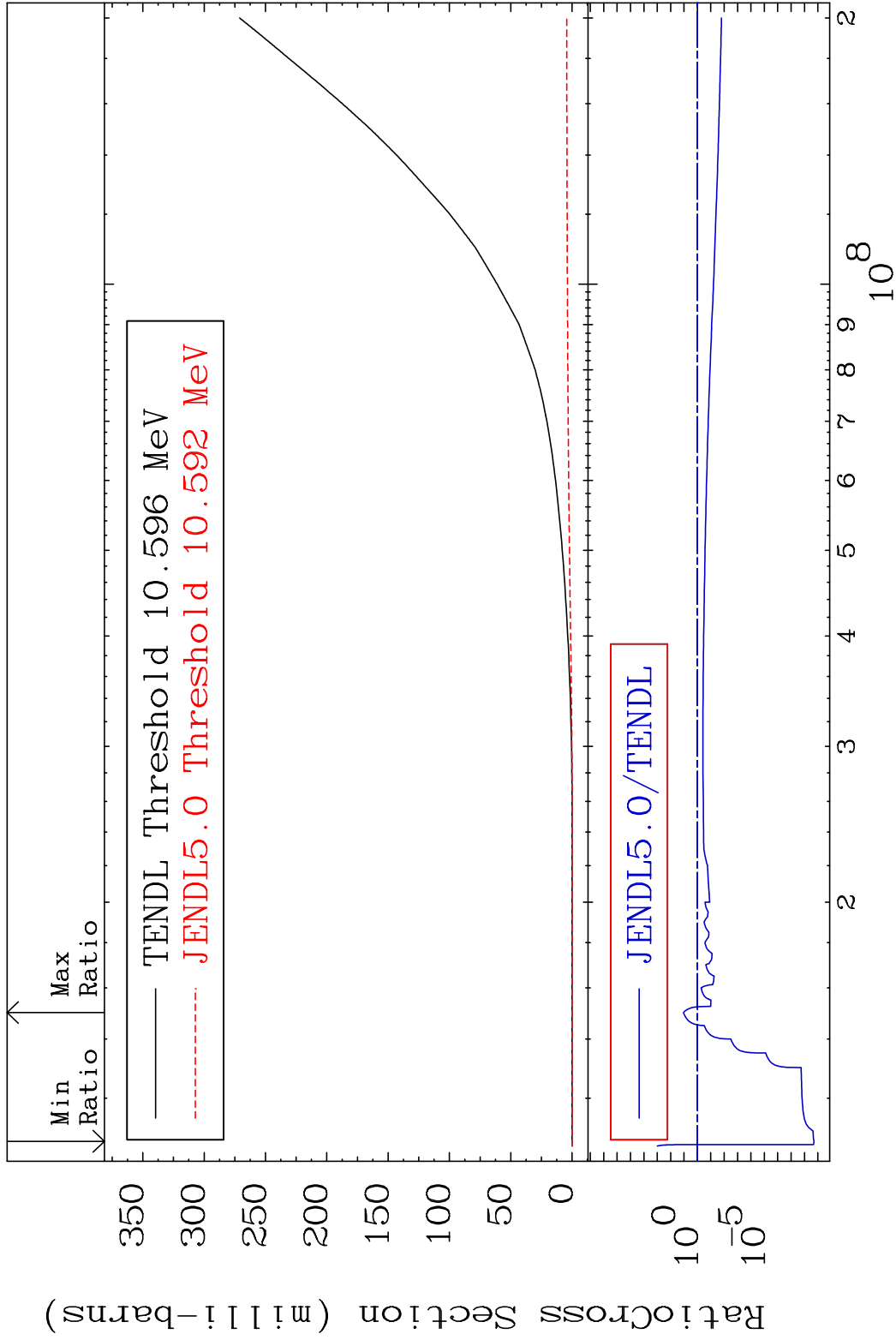


MAT 5046 Deuterium Production 50-Sn-119  
 Cross Section -100.0 To 6390. %

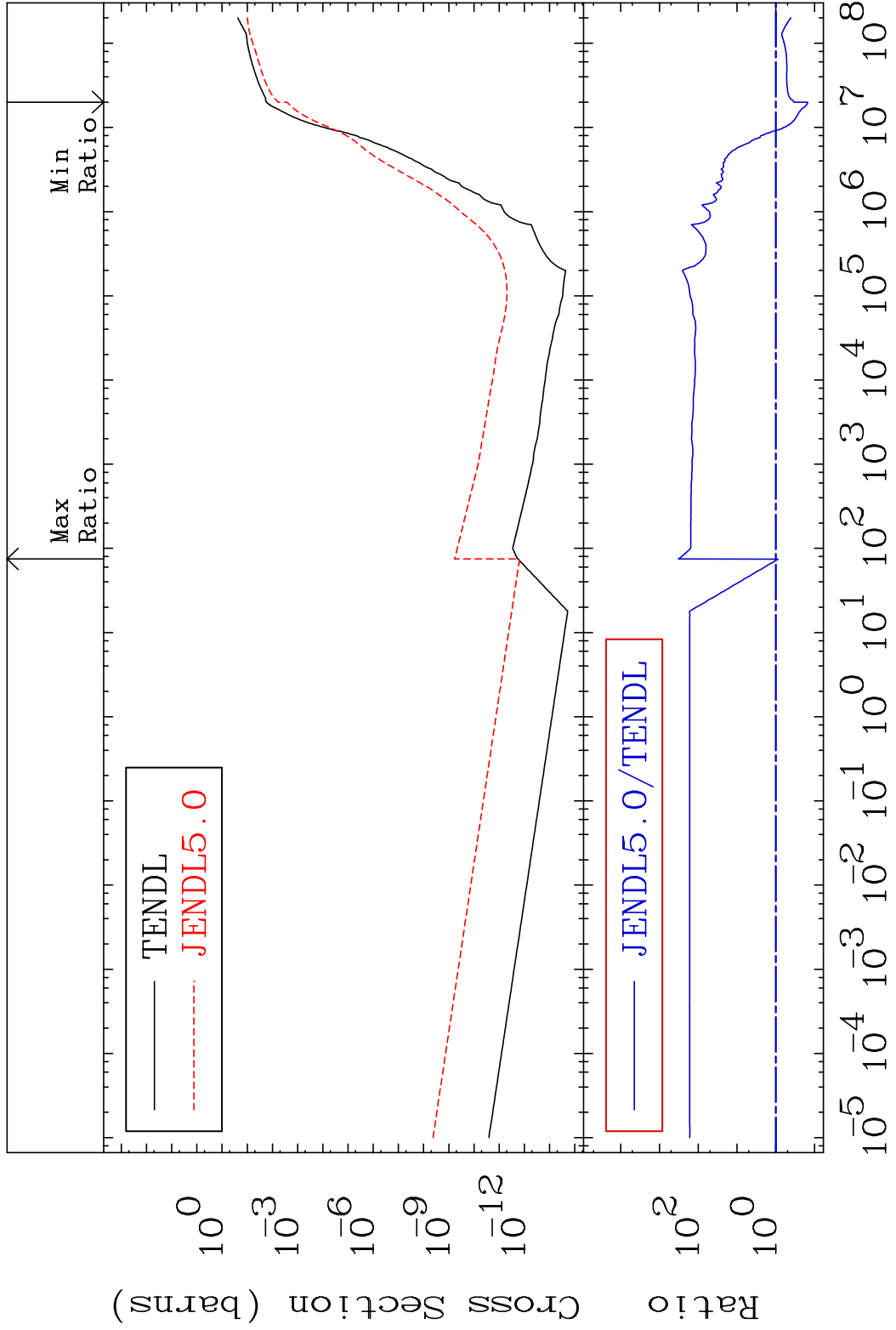


MAT 5046 Tritium Production 50-Sn-119  
Cross Section -100.0 To 2661. %

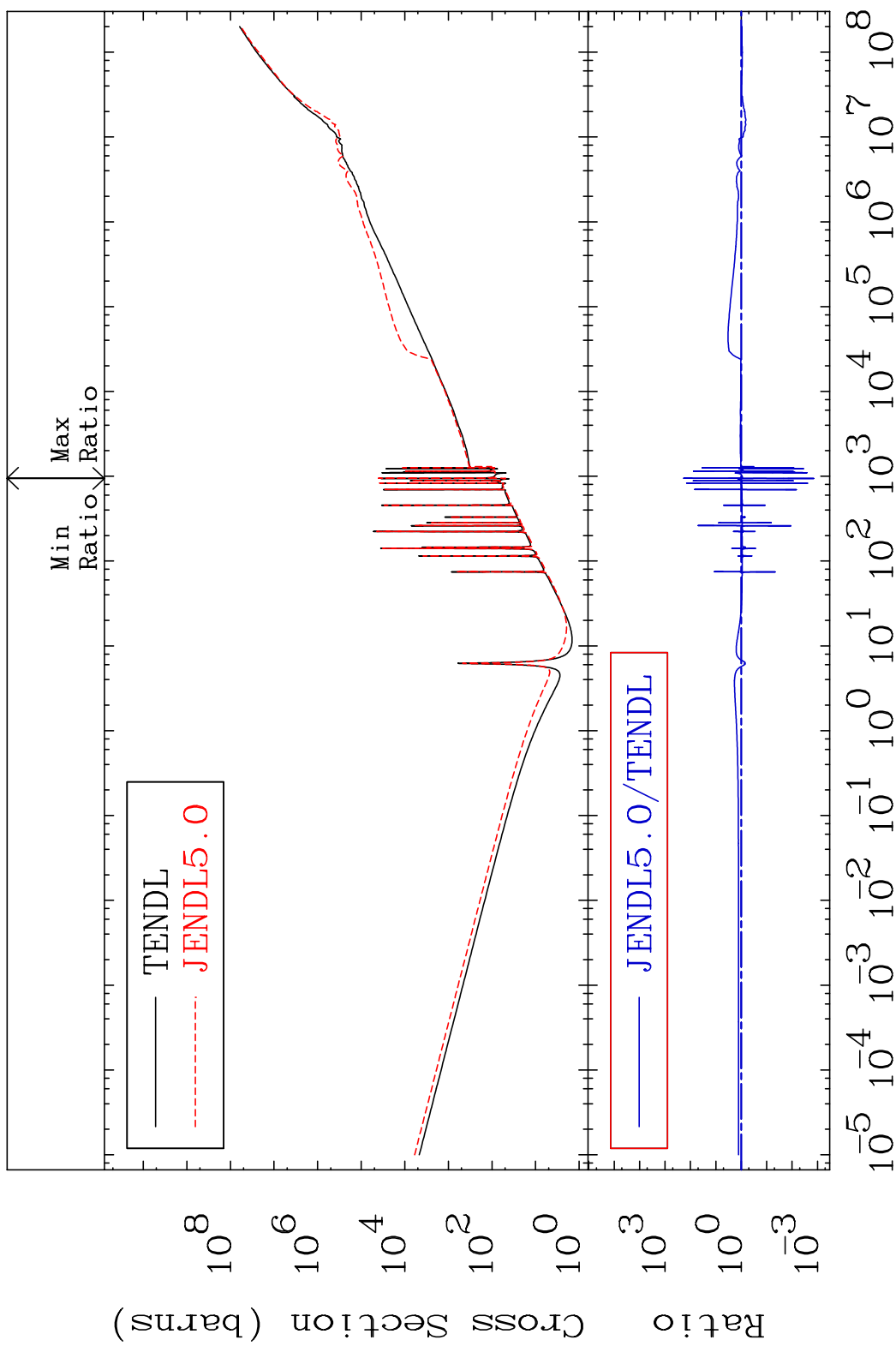




MAT 5046 He-4 Production 50-Sn-119  
 Cross Section -84.90 To 9999. %

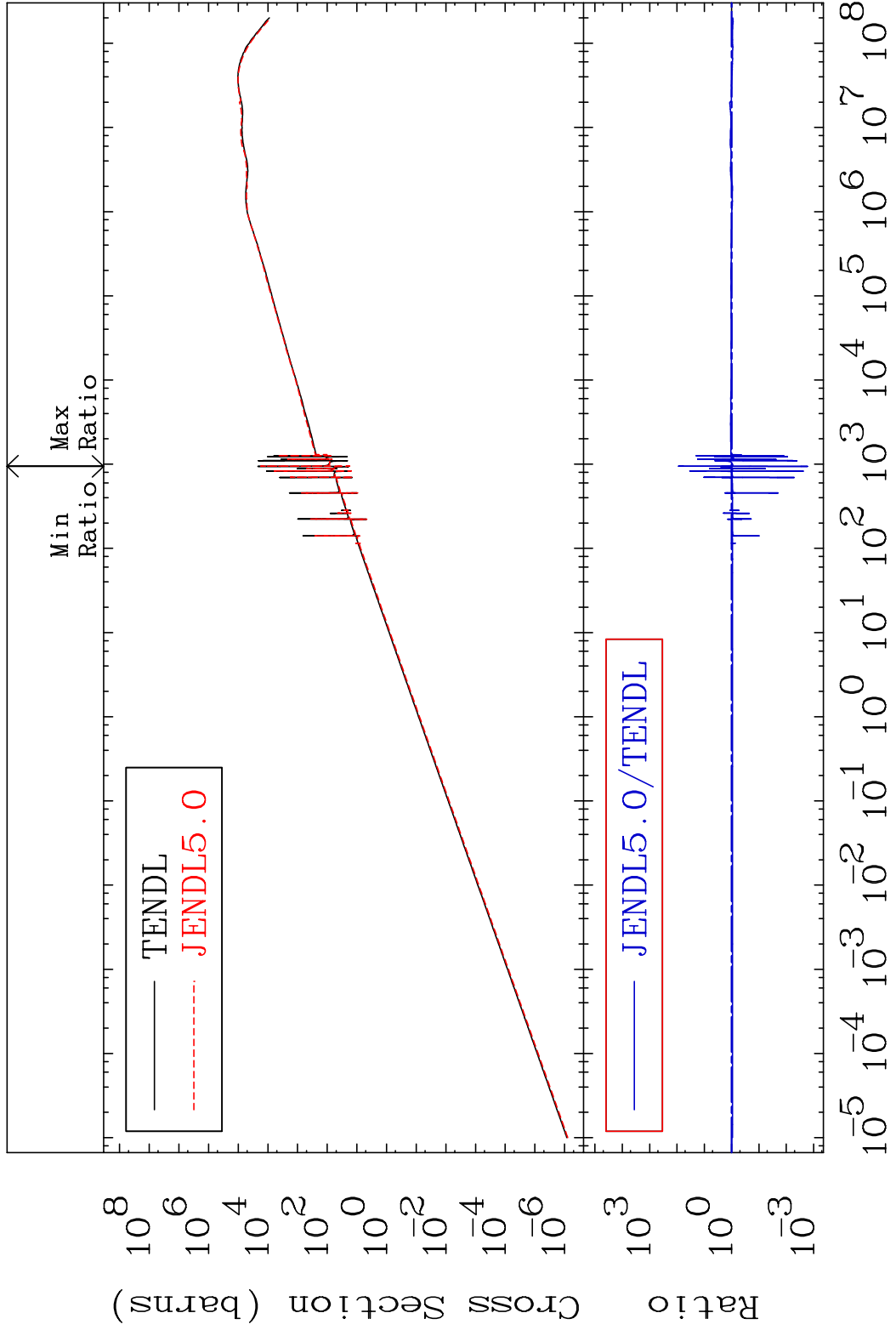


MAT 5046 Kerma total (eV-barns) 50-Sn-119  
 Cross Section -99.86 To 9999. %



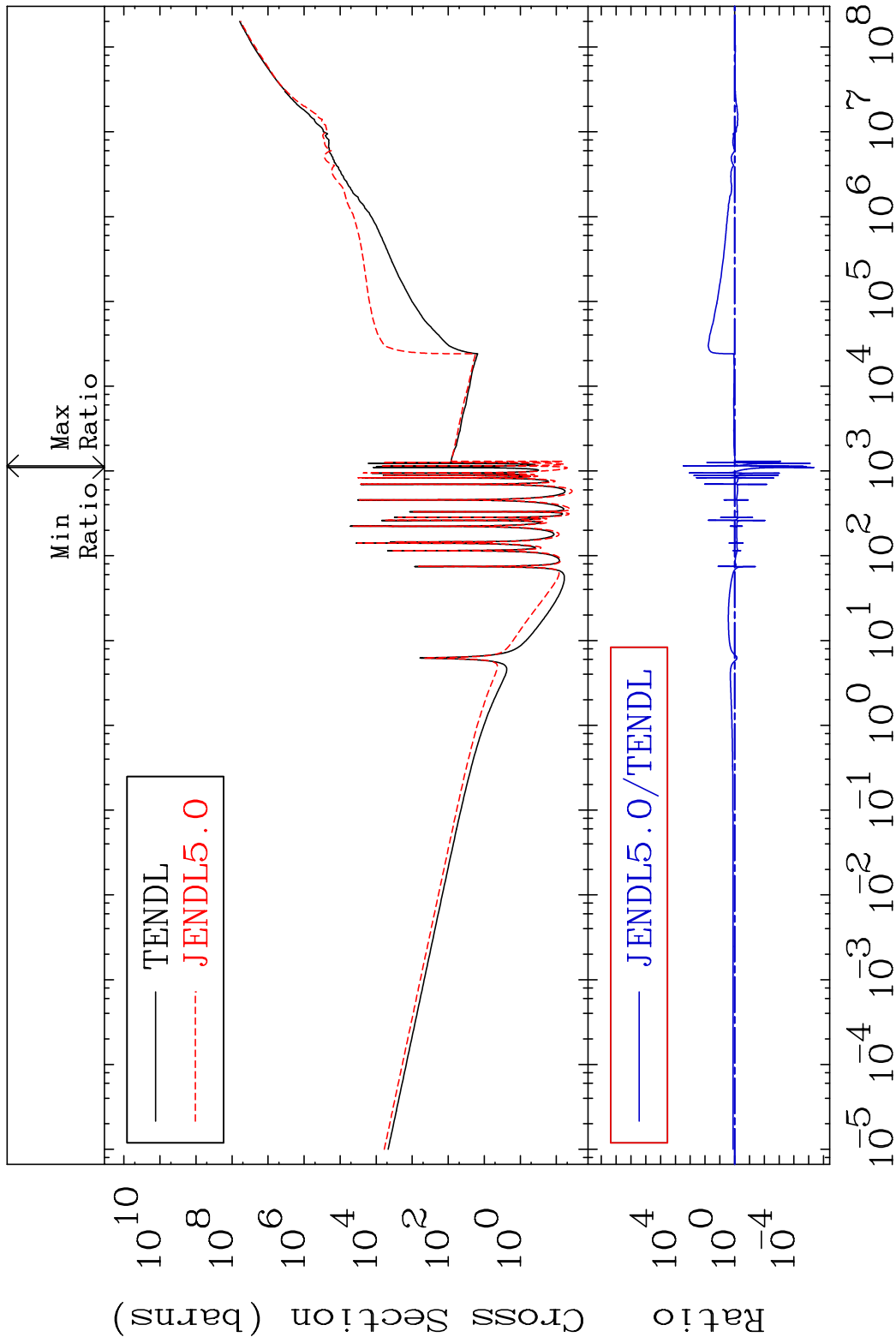
37 Incident Energy (eV) 50-Sn-119

MAT 5046      Kerma elastic      50-Sn-119  
 Cross Section      -99.84 To 8872. %



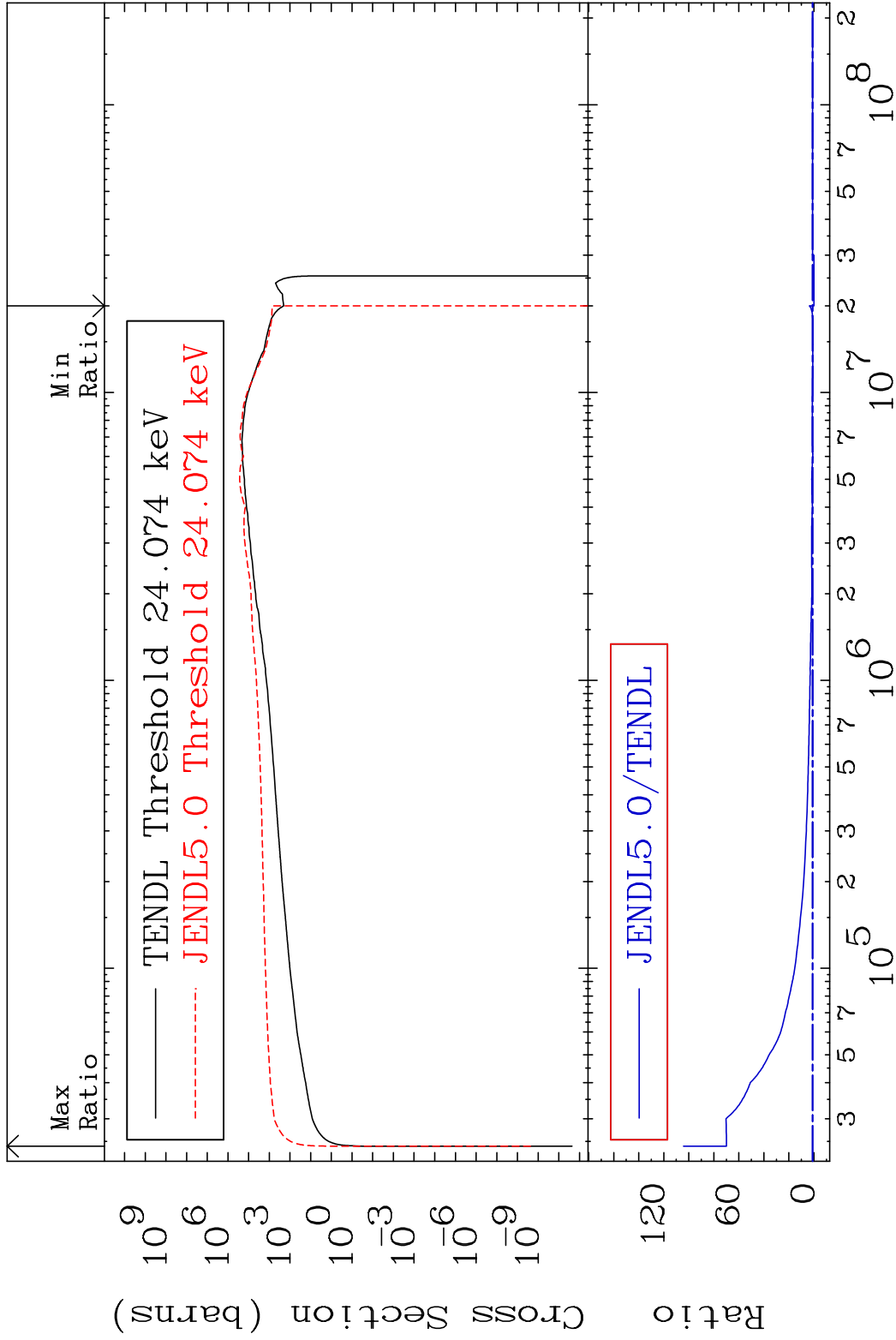
38      Incident Energy (eV)      50-Sn-119

MAT 5046 Kerma non-elastic (all but mt2) 50-Sn-119  
 Cross Section -100.0 To 9999. %



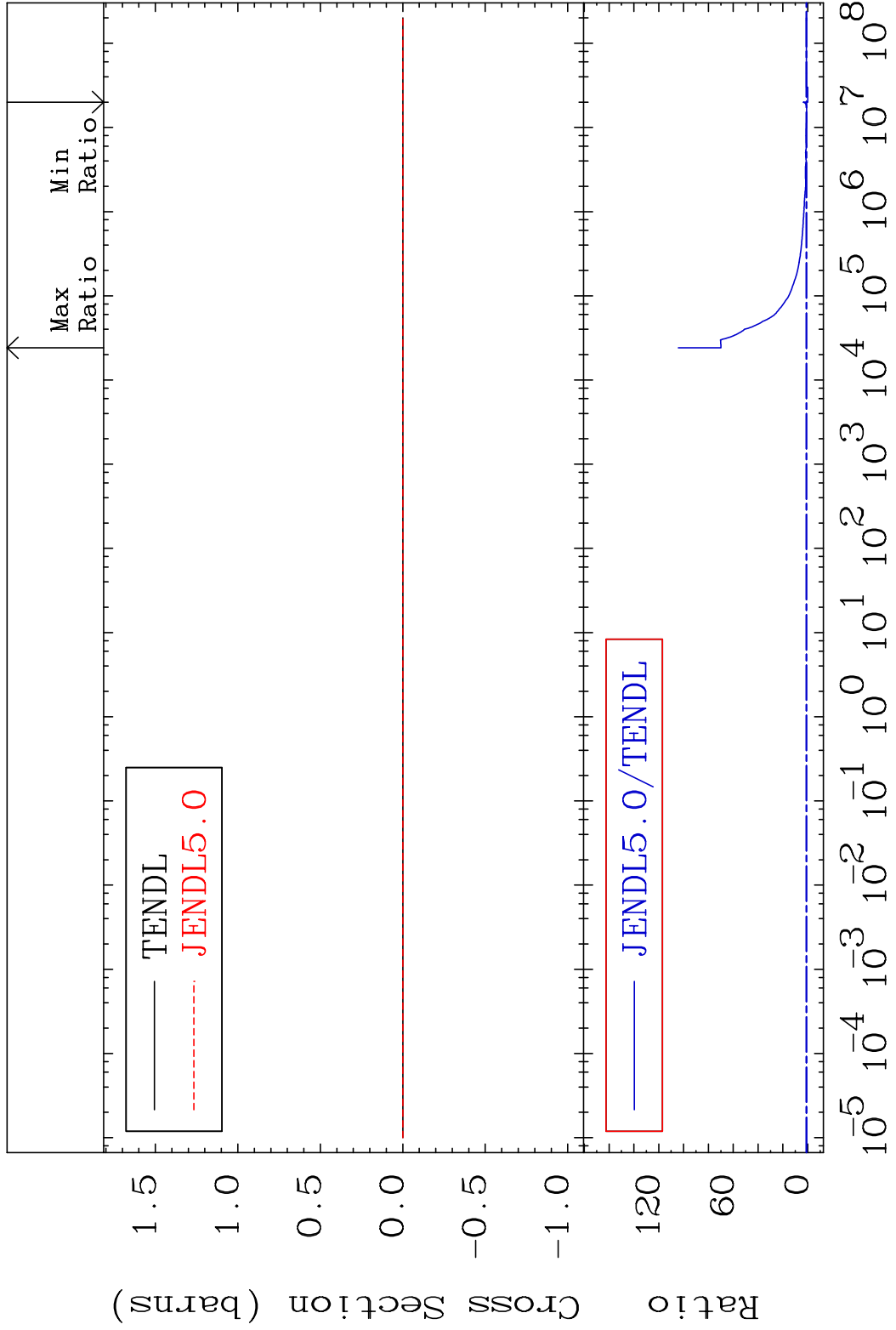


MAT 5046 Kerma inelastic (mt51-91) 50-Sn-119  
 Cross Section -100.0 To 9999. %

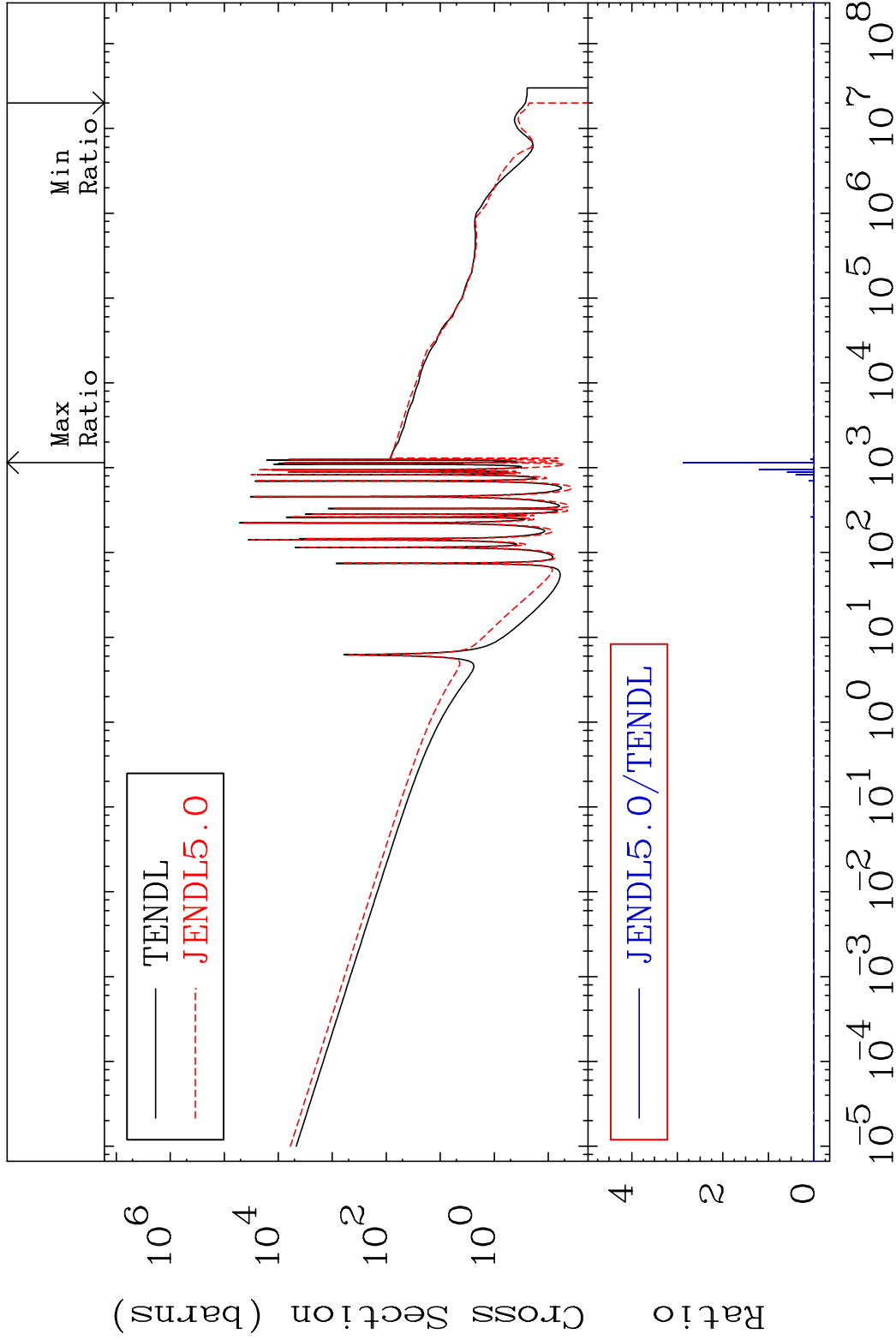


40 Incident Energy (eV) 50-Sn-119

MAT 5046 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-119  
 Cross Section -100.0 To 9999. %

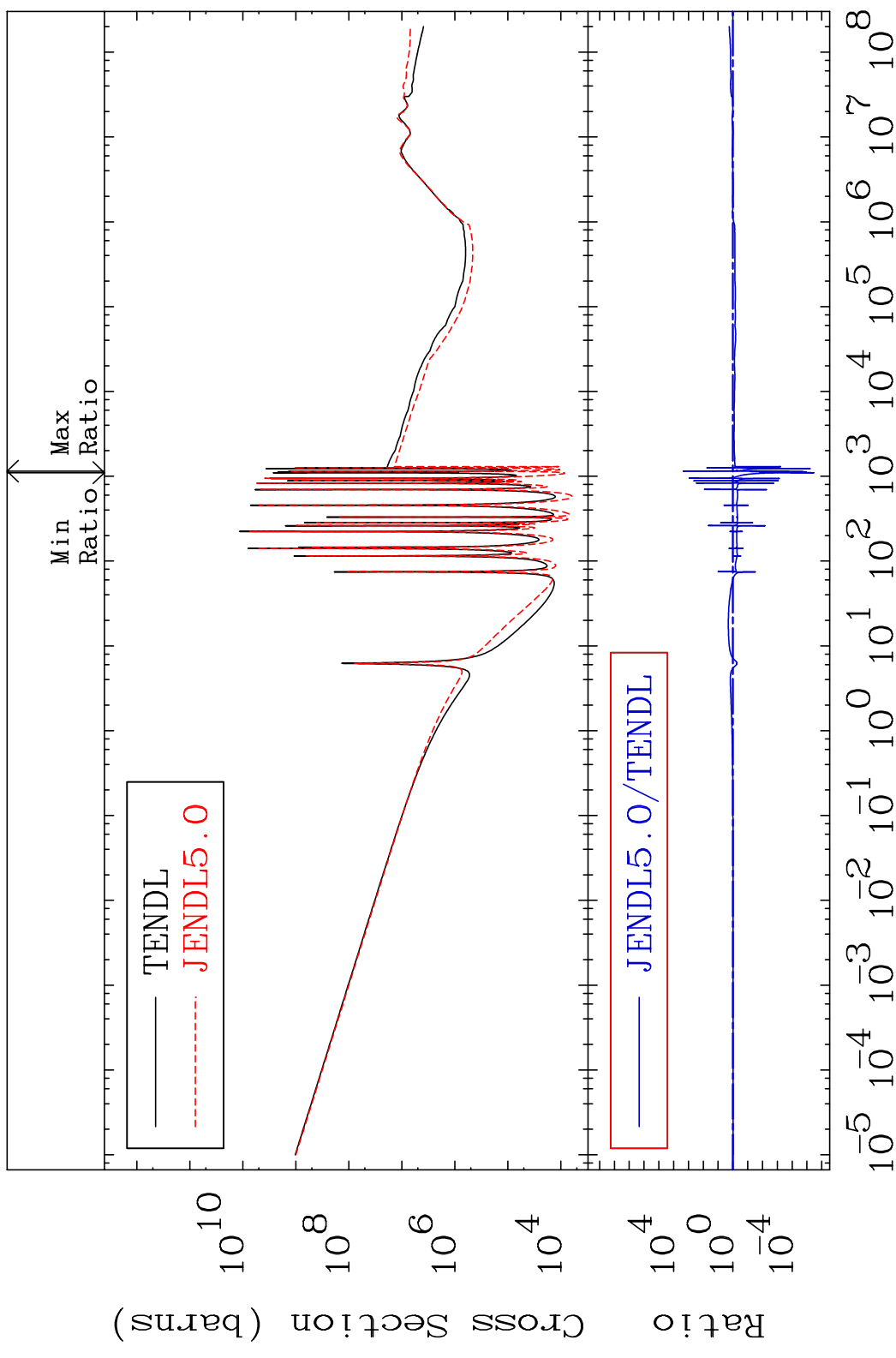


MAT 5046 Kerma capture (mt102) 50-Sn-119  
 Cross Section -100.0 To 9999. %



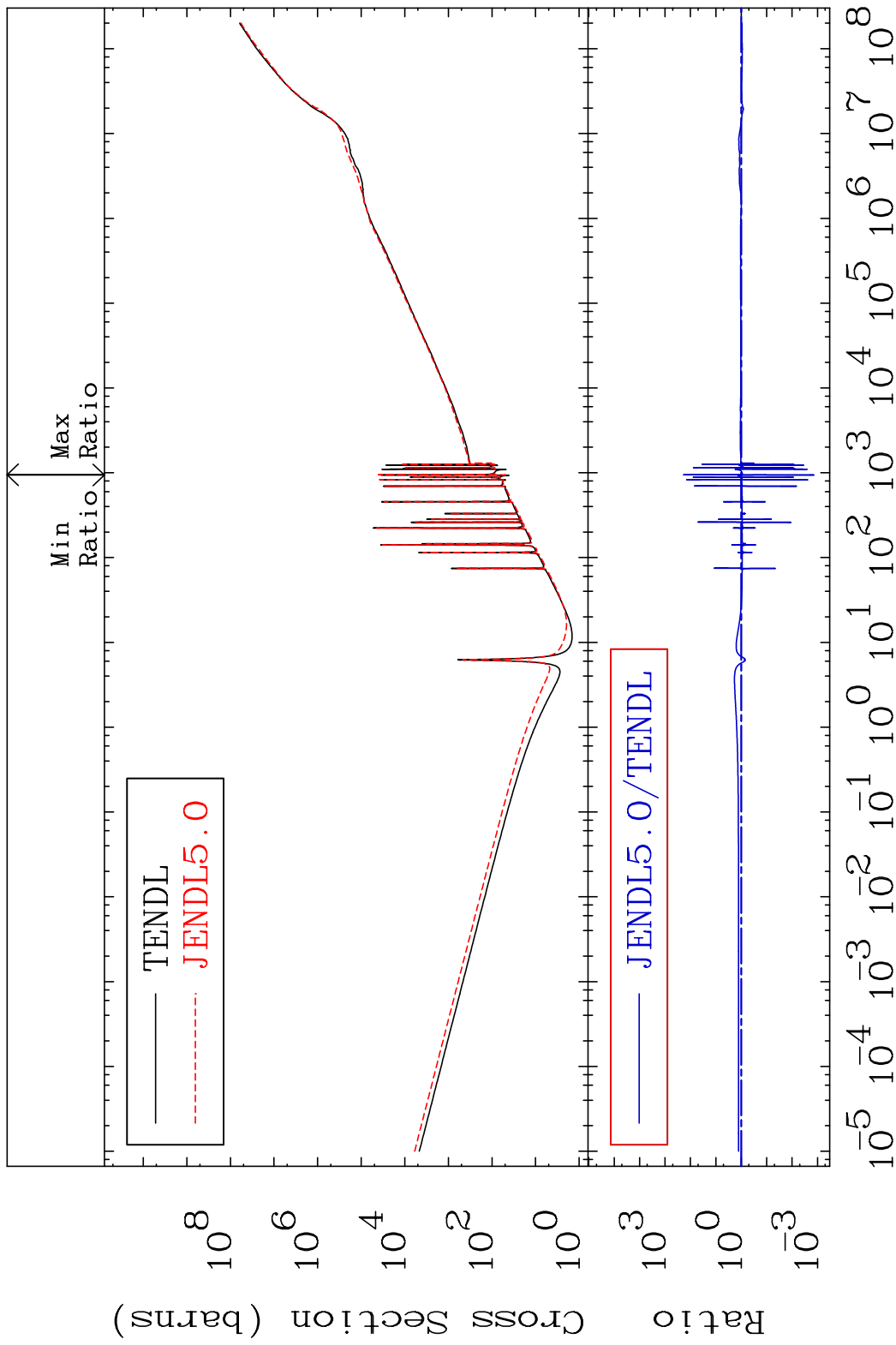
42 Incident Energy (eV) 50-Sn-119

MAT 5046 Total photon (eV-barns) 50-Sn-119  
 Cross Section -100.0 To 9999. %

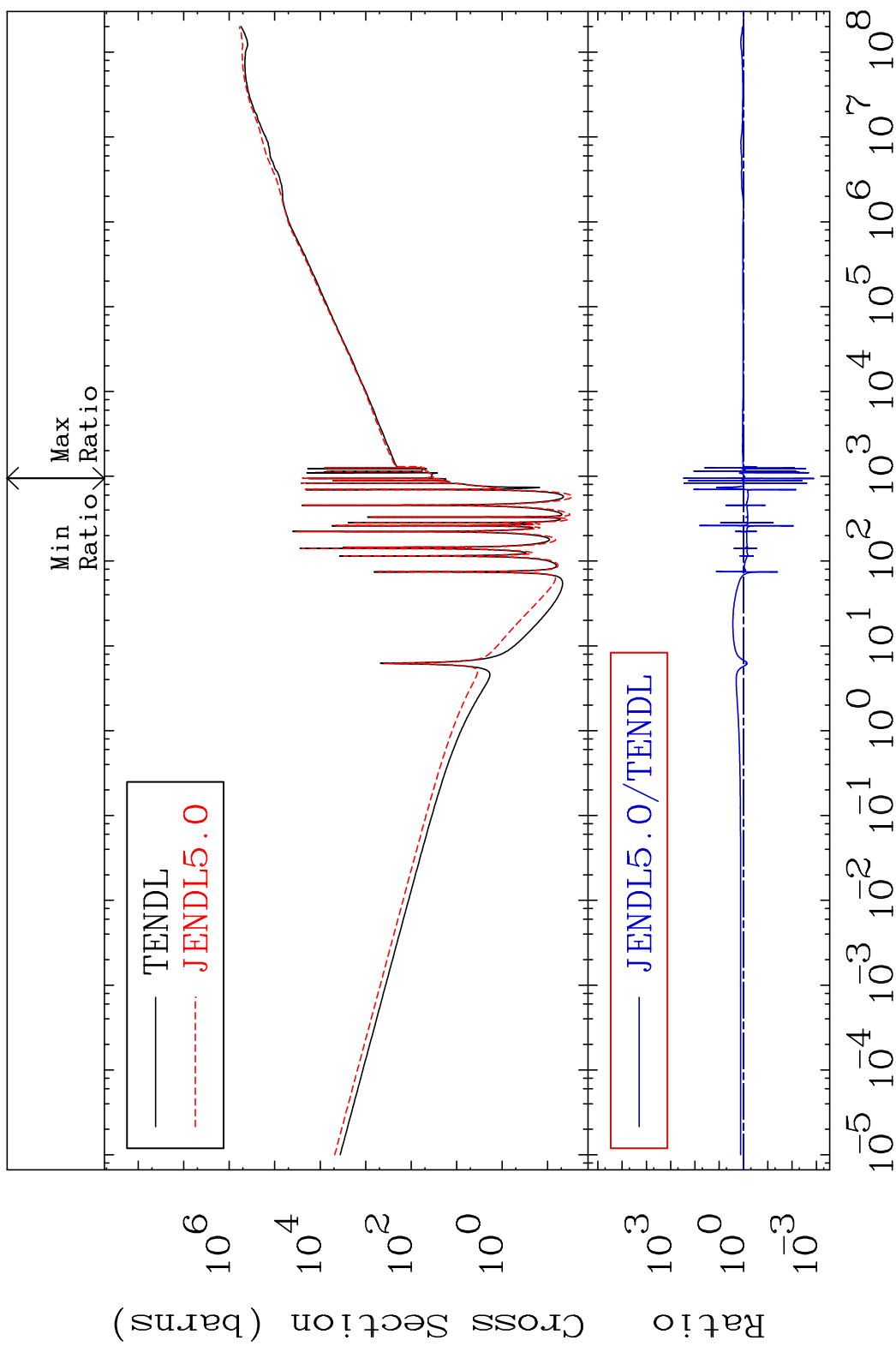


43 Incident Energy (eV) 50-Sn-119

MAT 5046 Total kinematic kerma (high limit) 50-Sn-119  
 Cross Section -99.86 To 9999. %

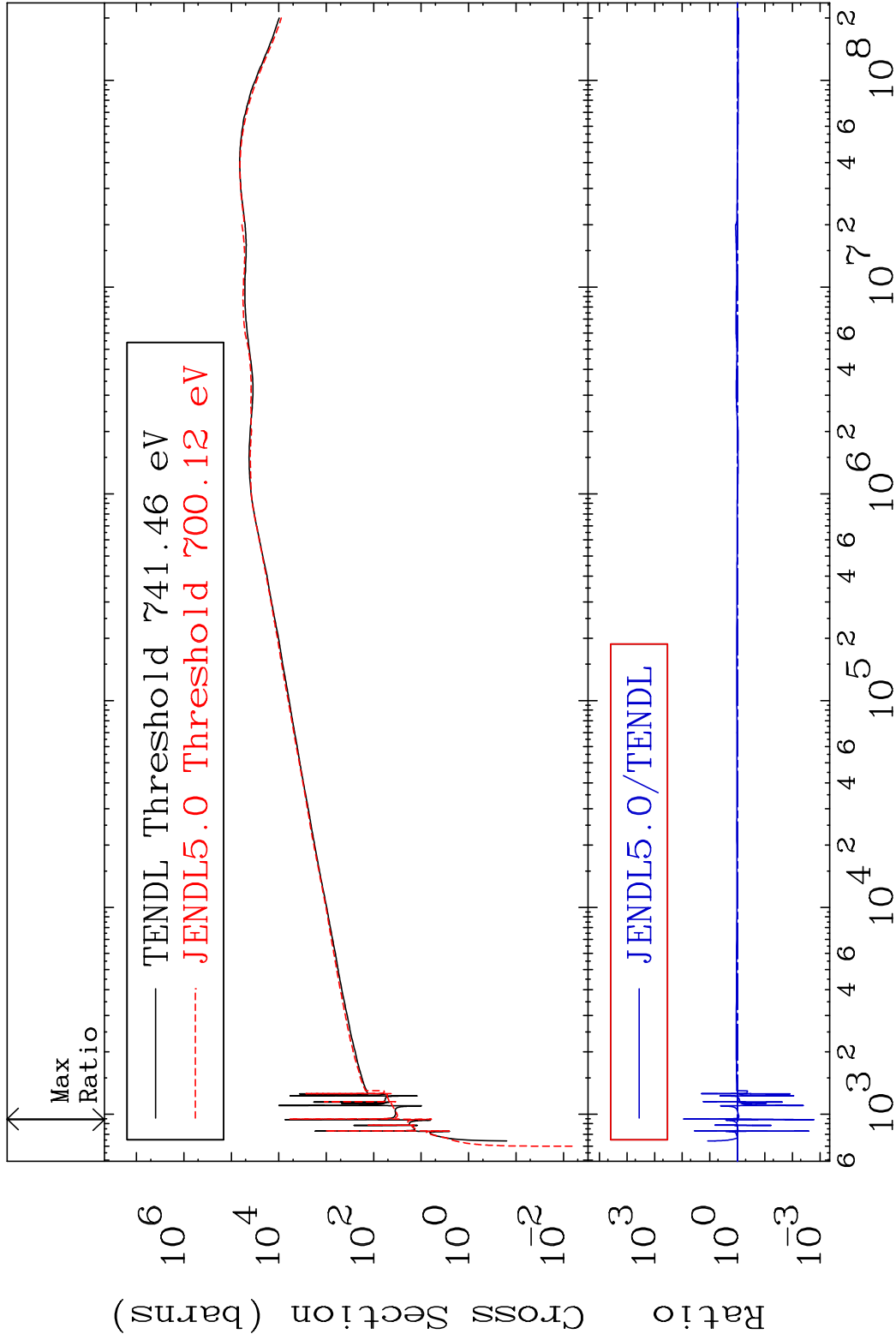


MAT 5046      Dpa total (eV-barns)      50-Sn-119  
 Cross Section      -99.87 To 9999. %



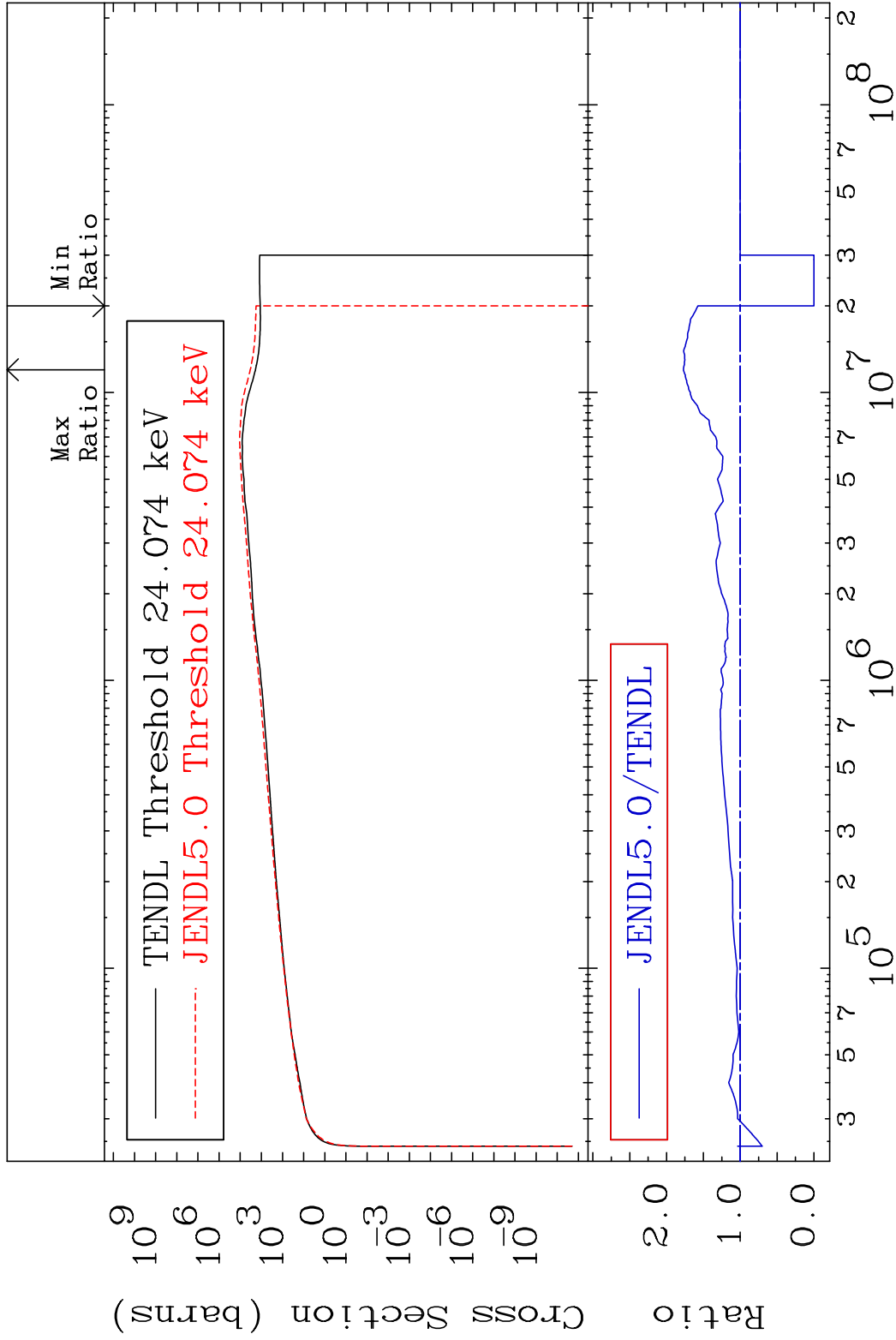
45      Incident Energy (eV)      50-Sn-119

MAT 5046 Dpa elastic (mt2) 50-Sn-119  
Cross Section -99.83 To 8911. %



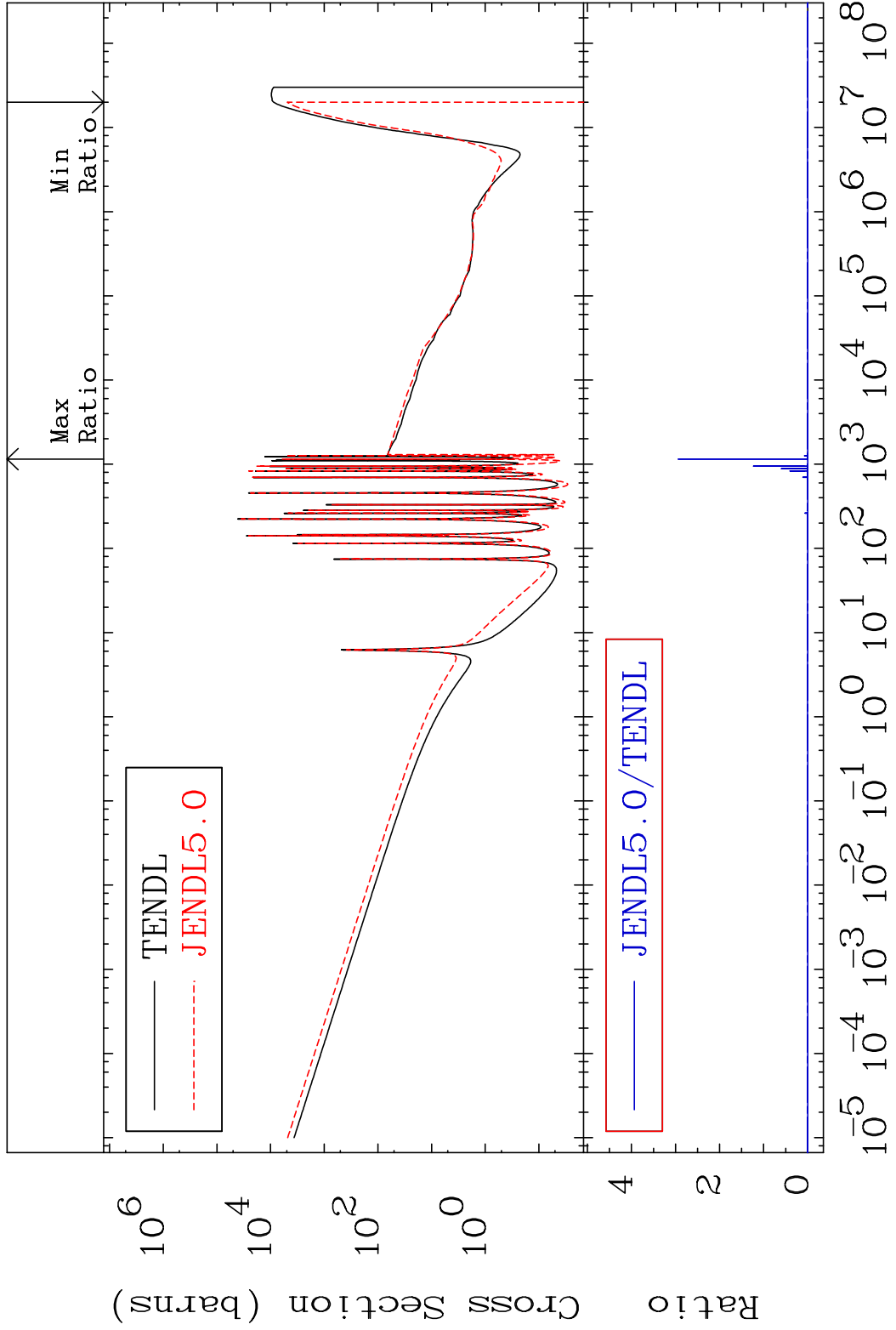
46 Incident Energy (eV) 50-Sn-119

MAT 5046 Dpa inelastic (mt51-91) 50-Sn-119  
 Cross Section -100.0 To 77.03 %



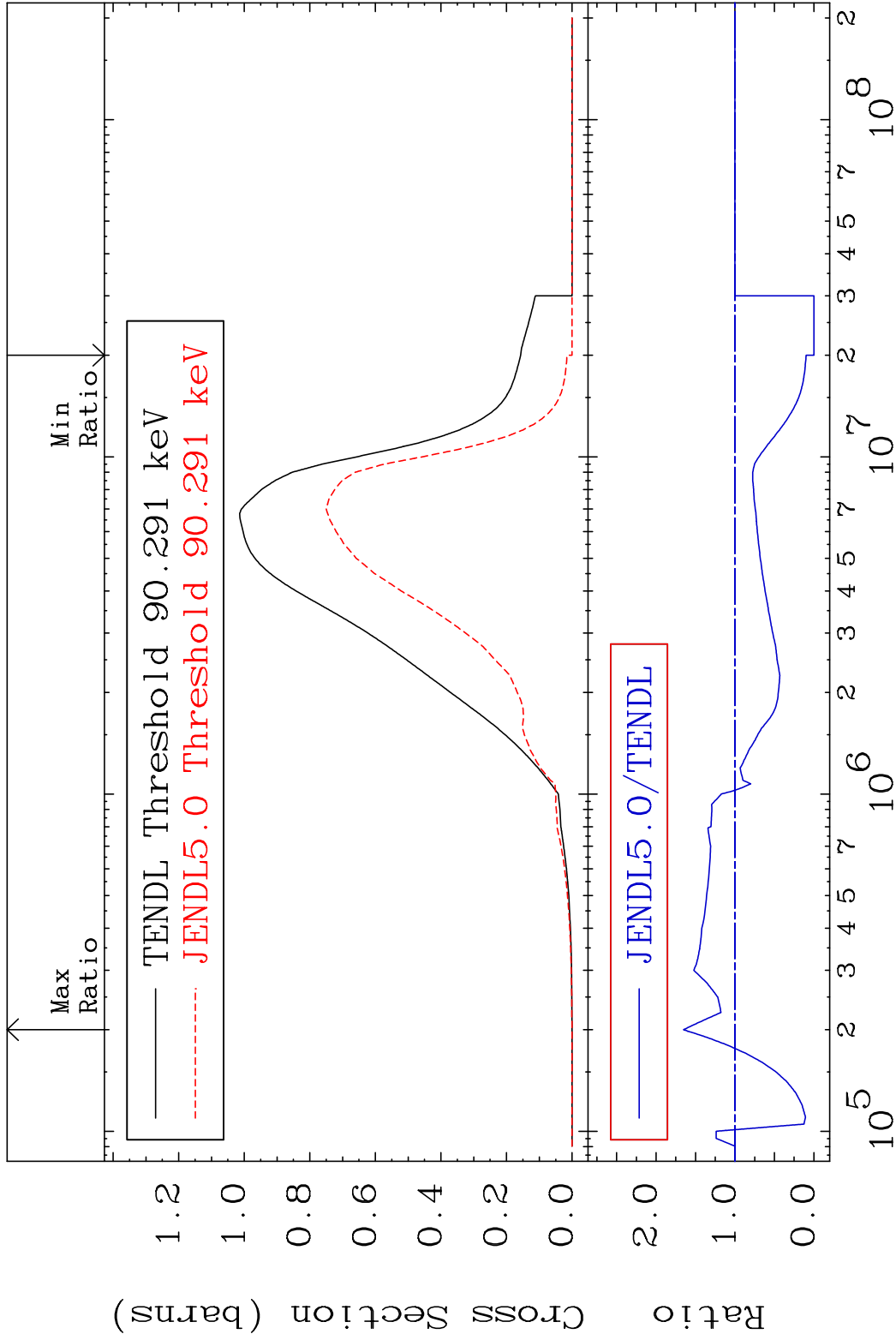


MAT 5046 Dpa disappearance (mt102 -120) 50-Sn-119  
 Cross Section -100.0 To 9999. %



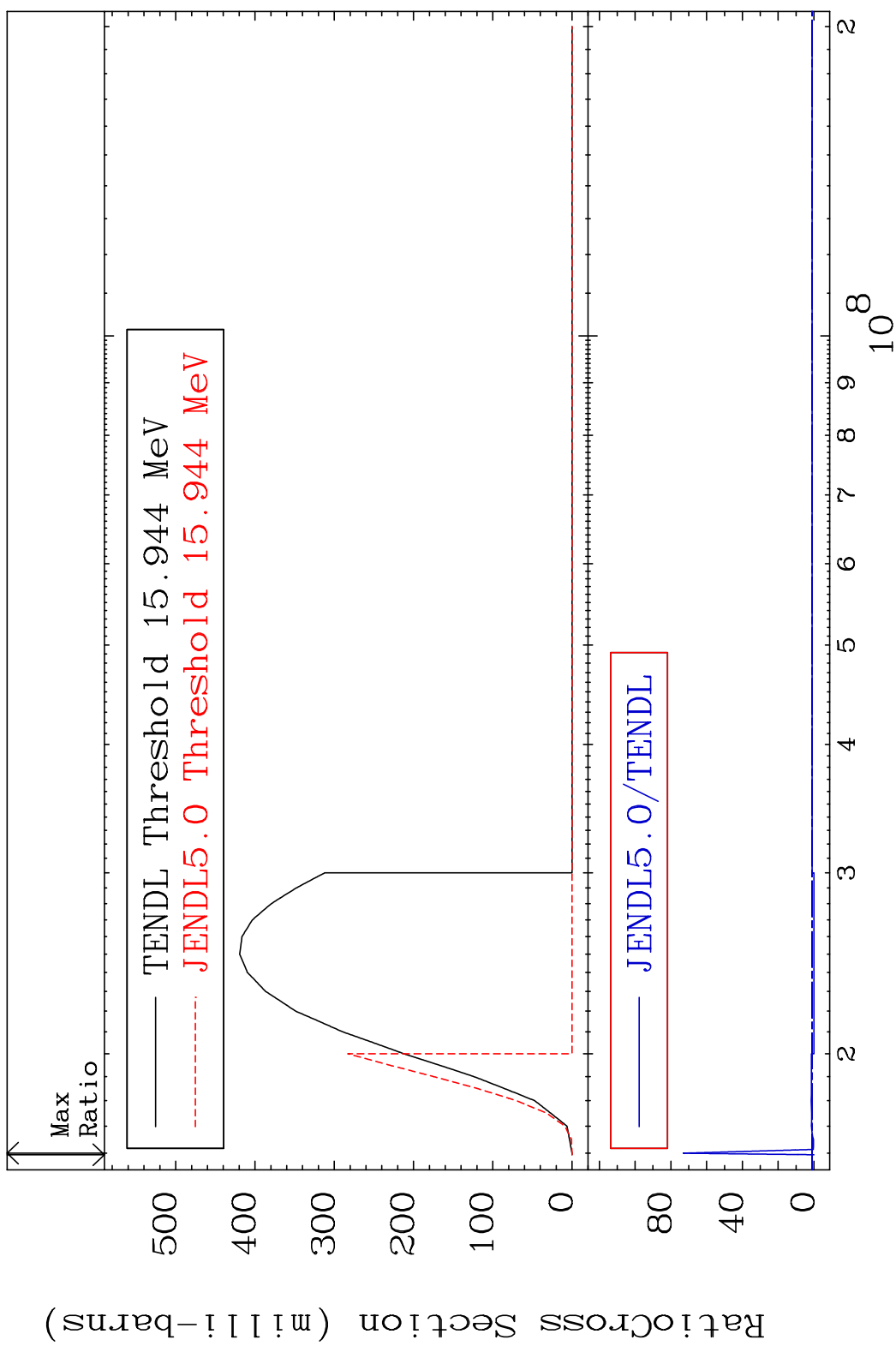
48 Incident Energy (eV) 50-Sn-119

MAT 5046 Inelastic:50-Sn-119m2 50-Sn-119  
 Radionuclide Production Cross Section 65.33 %

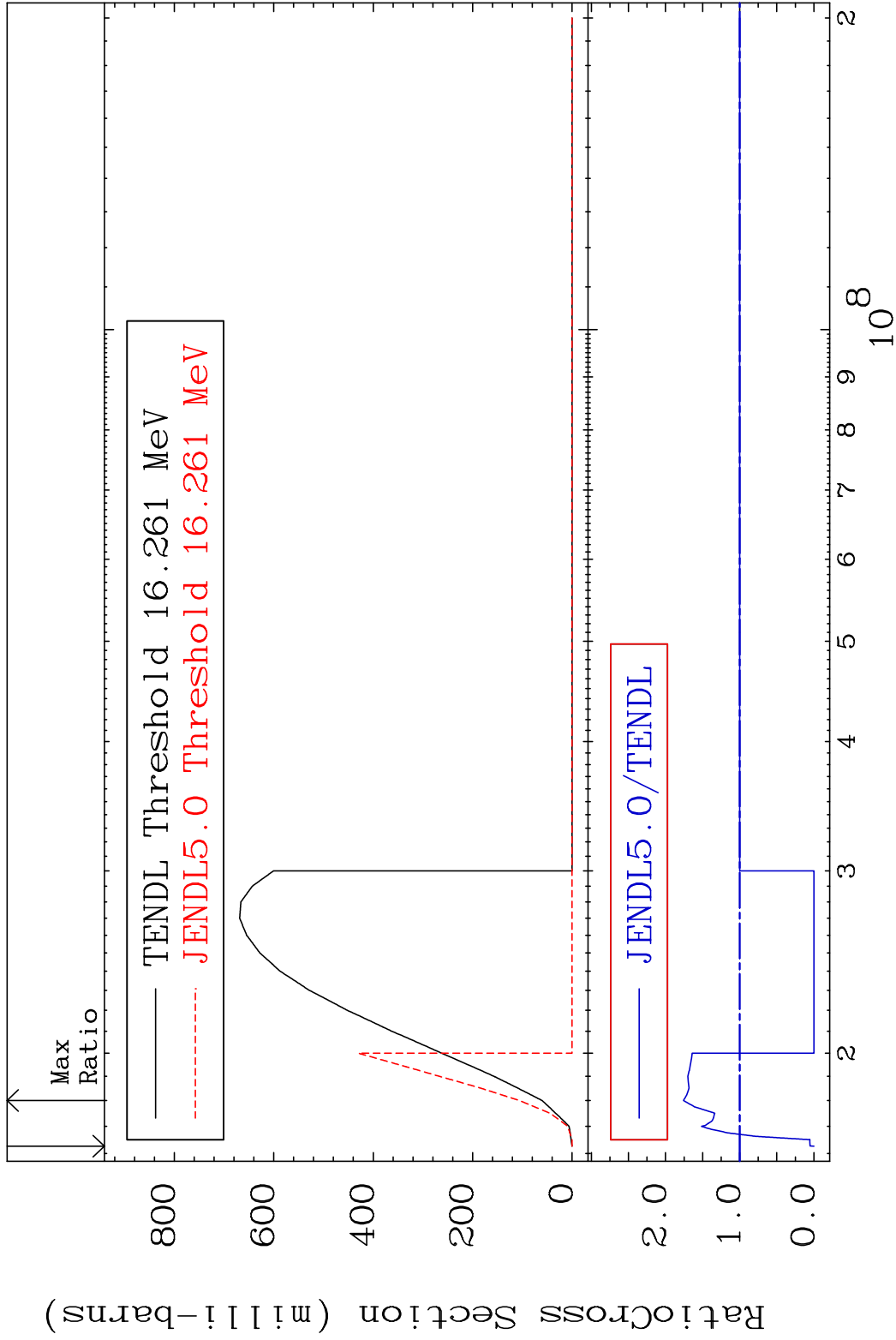


49 Incident Energy (eV) 50-Sn-119

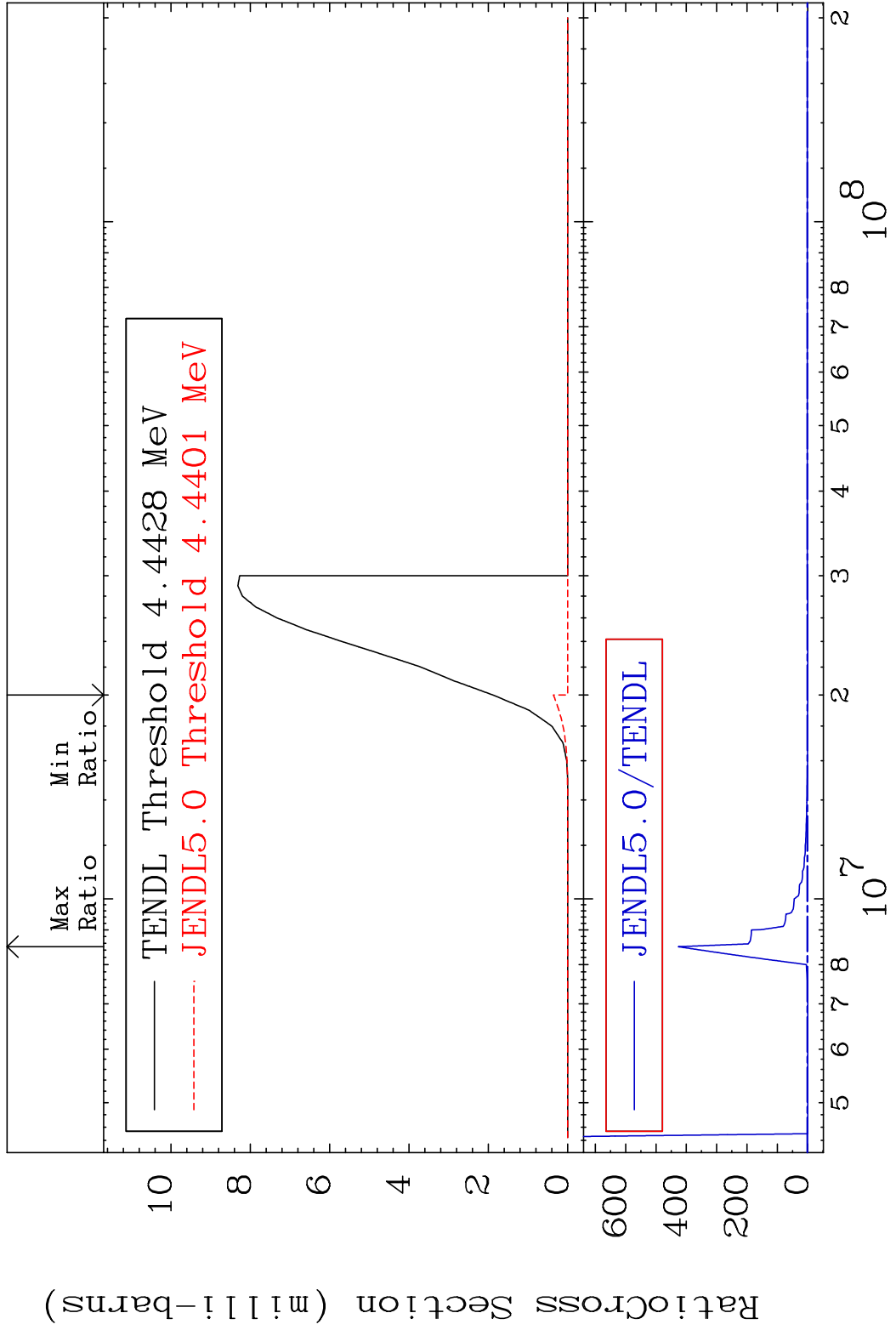
MAT 5046 (n,3n):50-Sn-117g 50-Sn-119  
 Radionuclide Production Cross Section 180000 dpo 7196. %



50 50-Sn-119

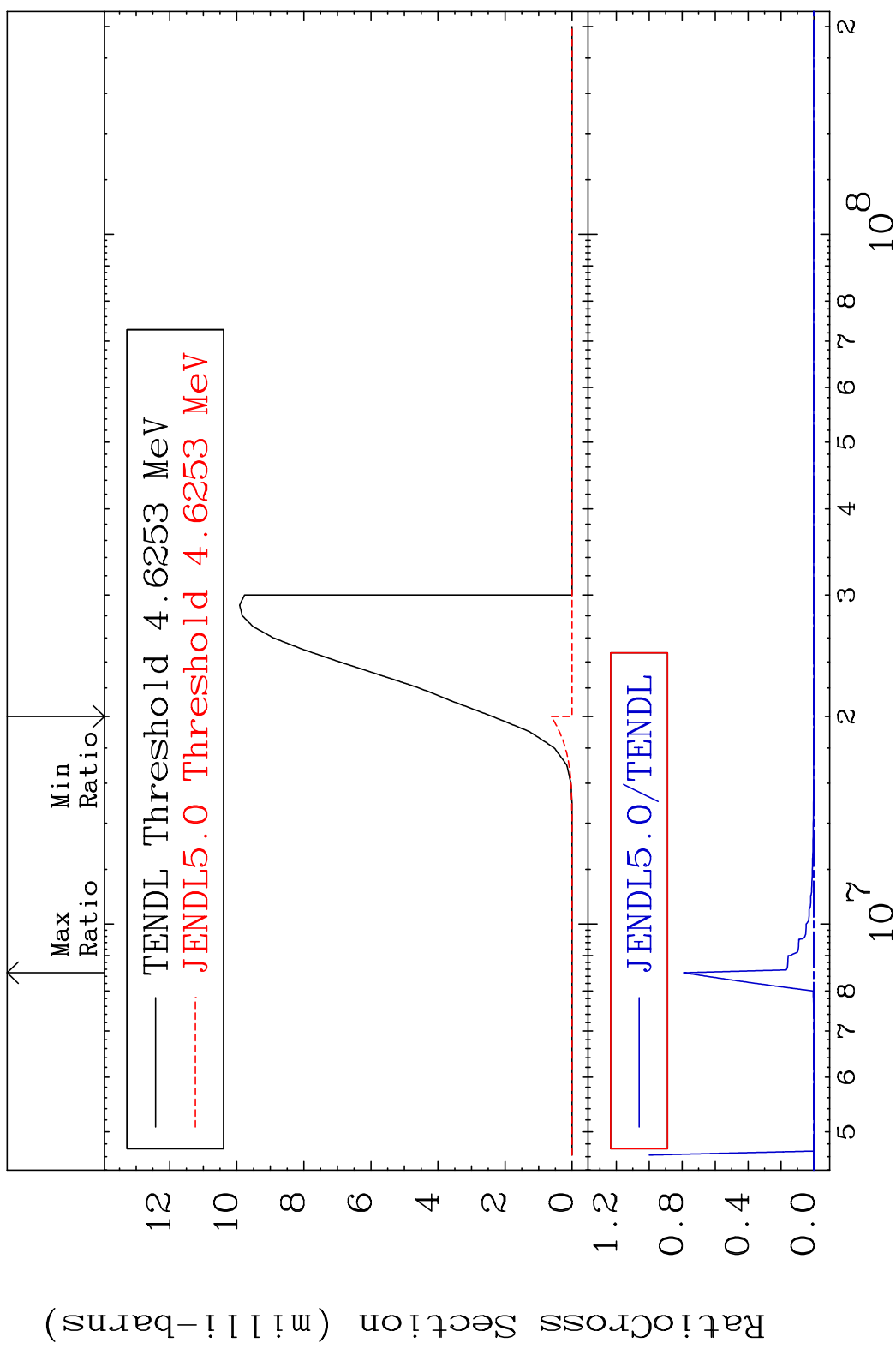


MAT 5046 (n, n')  $\alpha$ :48-Cd-115g 50-Sn-119  
 Radionuclide Production Cross Section 180000 dth 9999. %

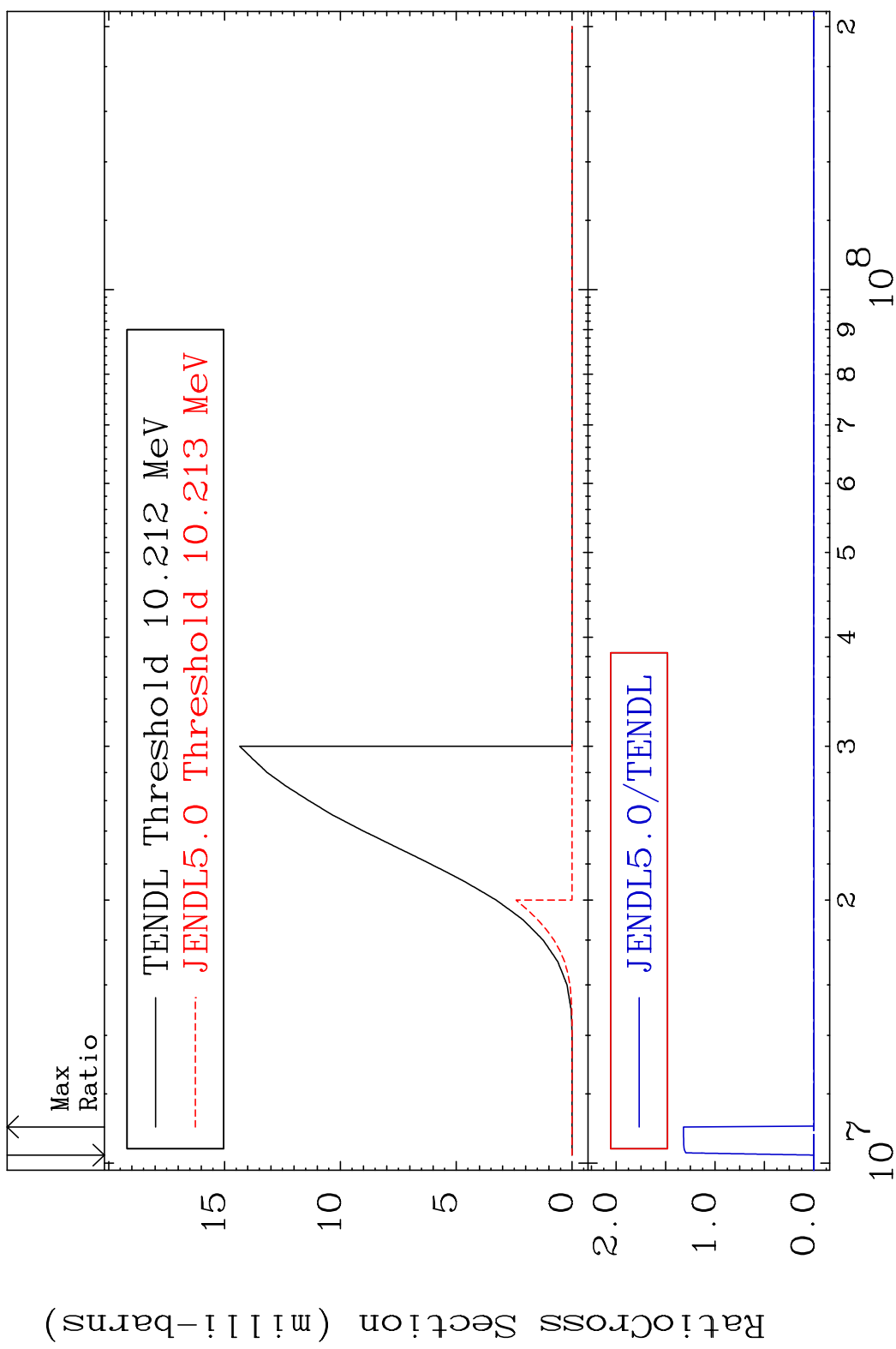


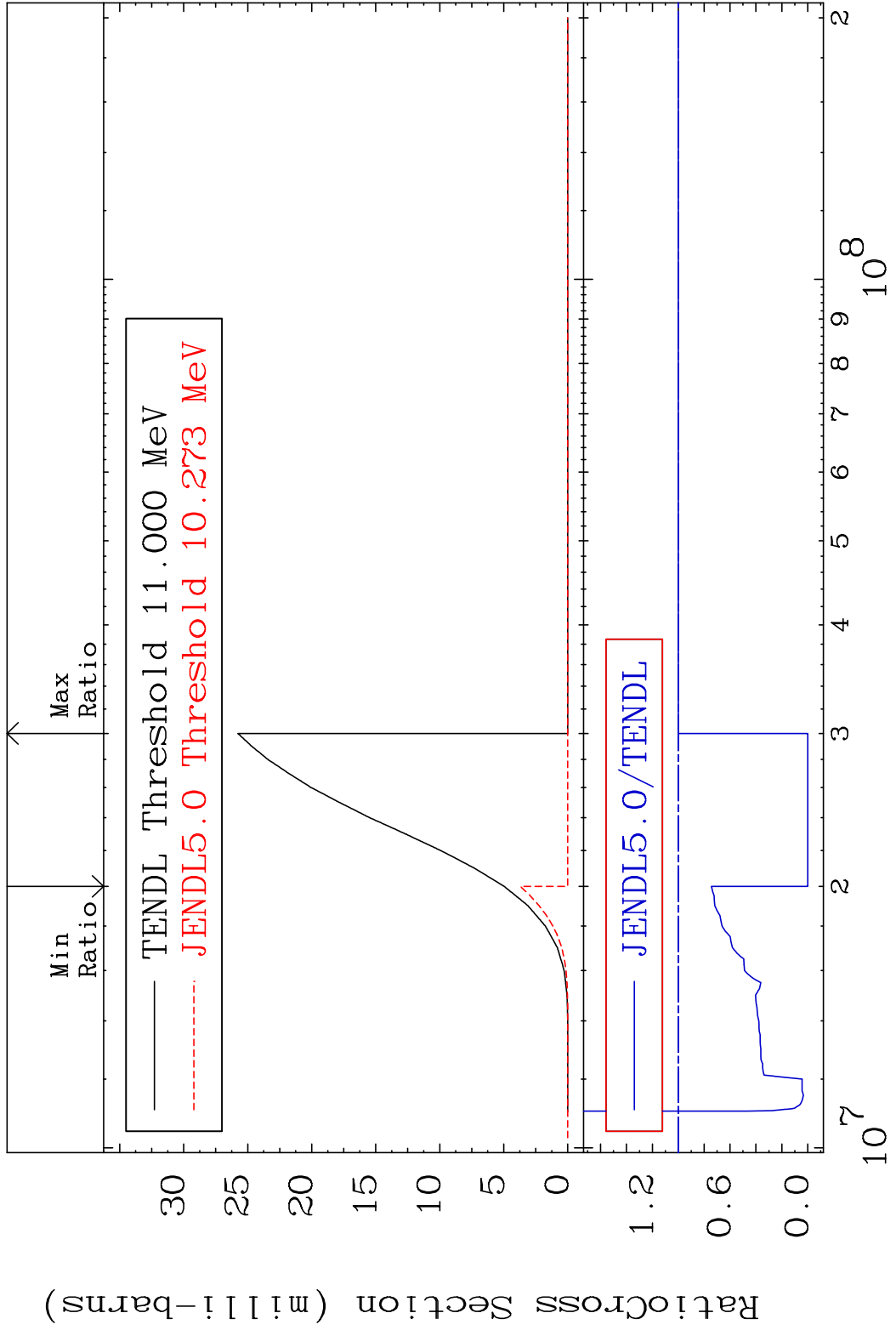
52 Incident Energy (eV) 50-Sn-119

MAT 5046 (n, n')  $\alpha$ : 48-Cd-115m1 50-Sn-119  
 Radionuclide Production Cross Section 180000 to 9999. %

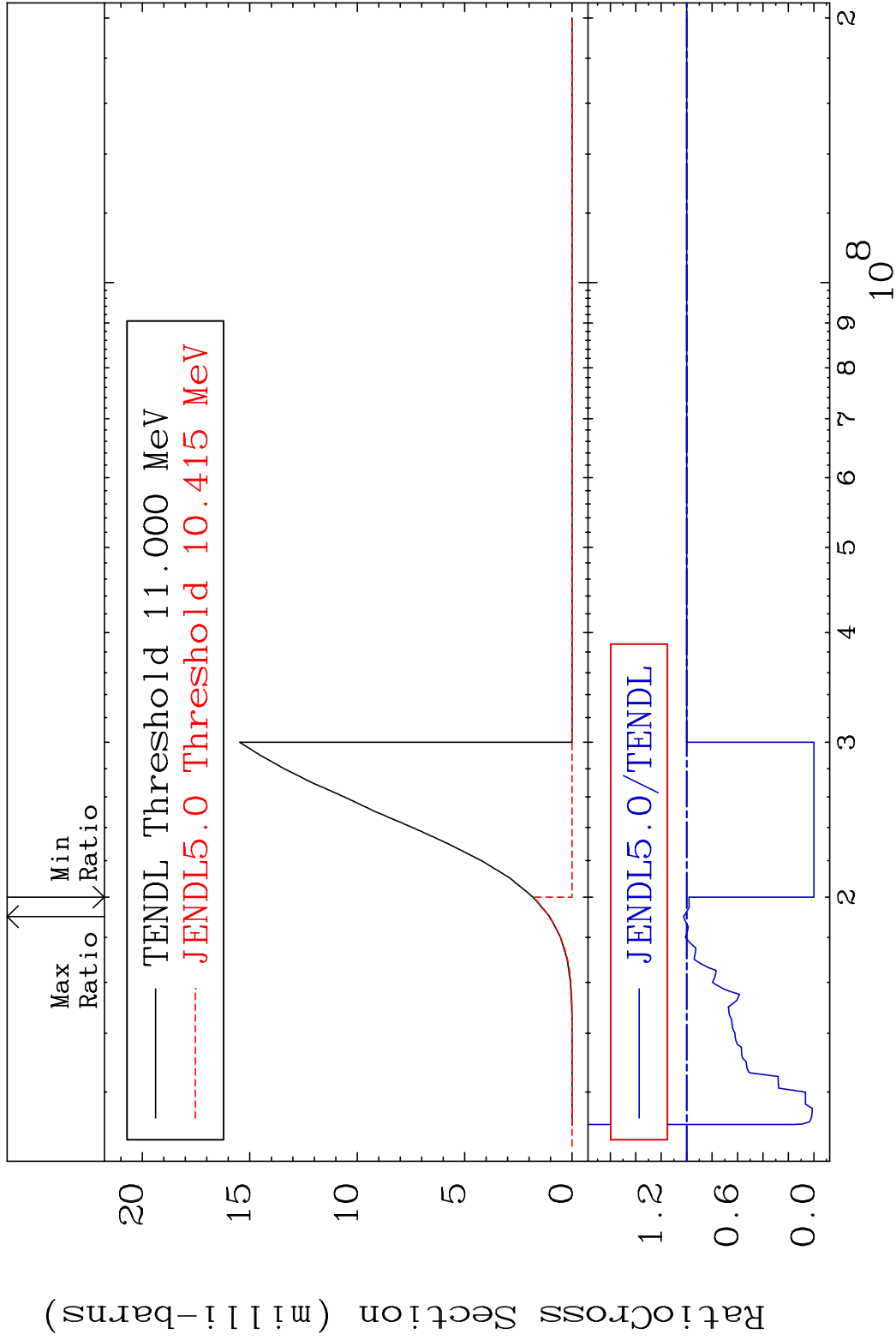


MAT 5046 (n, n') p:49-In-118g 50-Sn-119  
 Radionuclide Production Cross Section to 9999. %

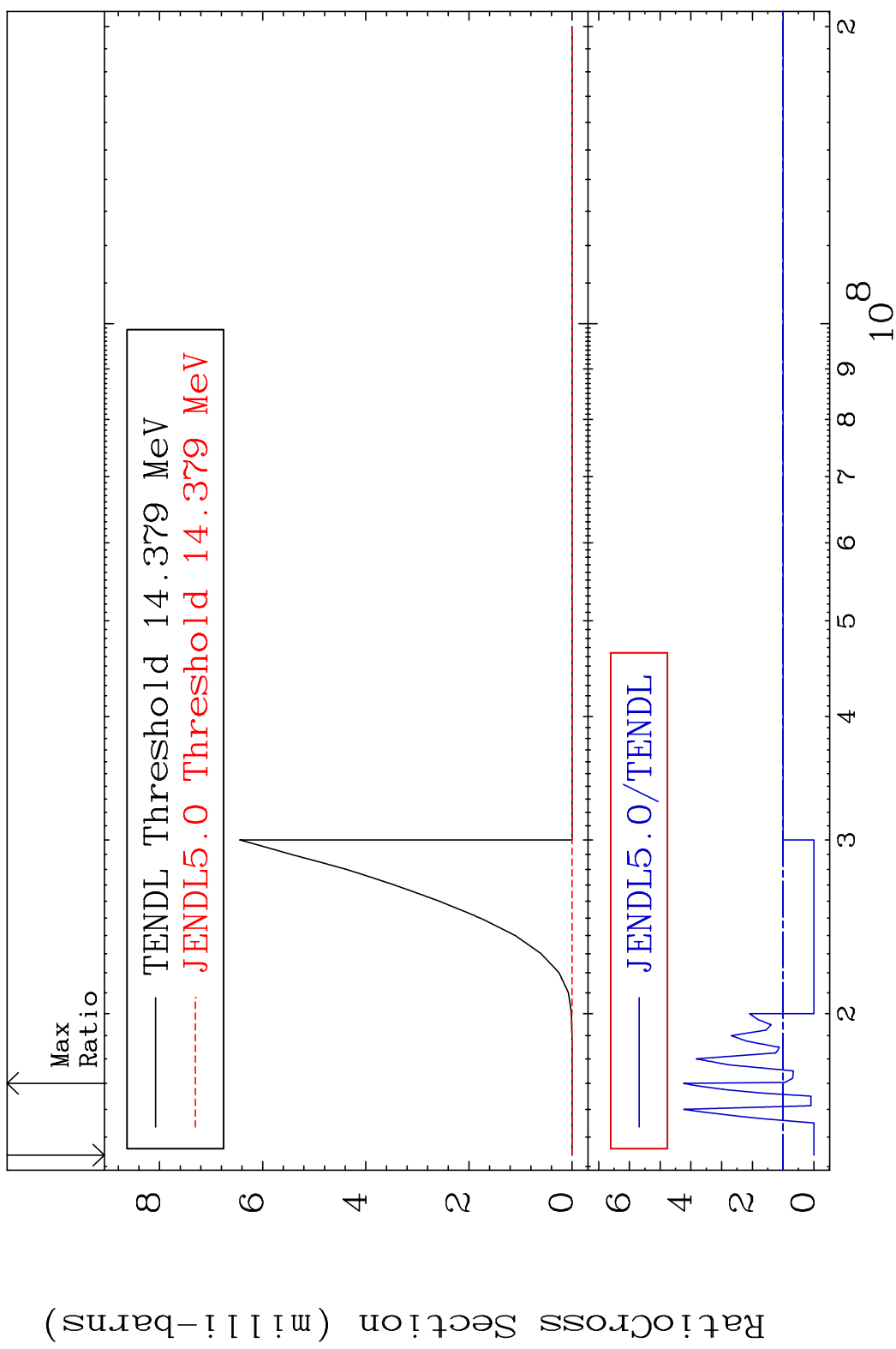




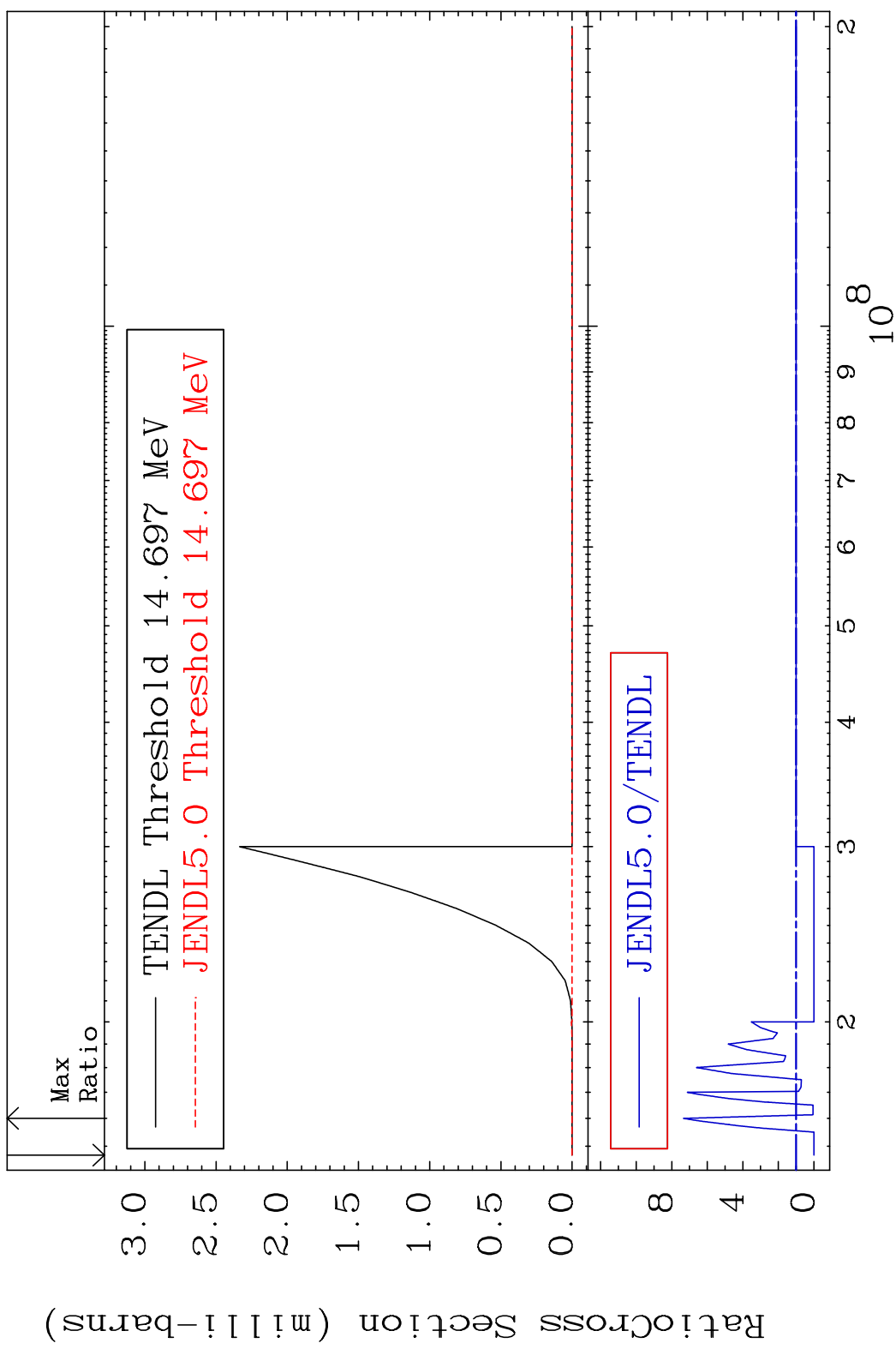




MAT 5046 (n, n') d:49-In-117g 50-Sn-119  
 Radionuclide Production Cross Section to 324.2 %

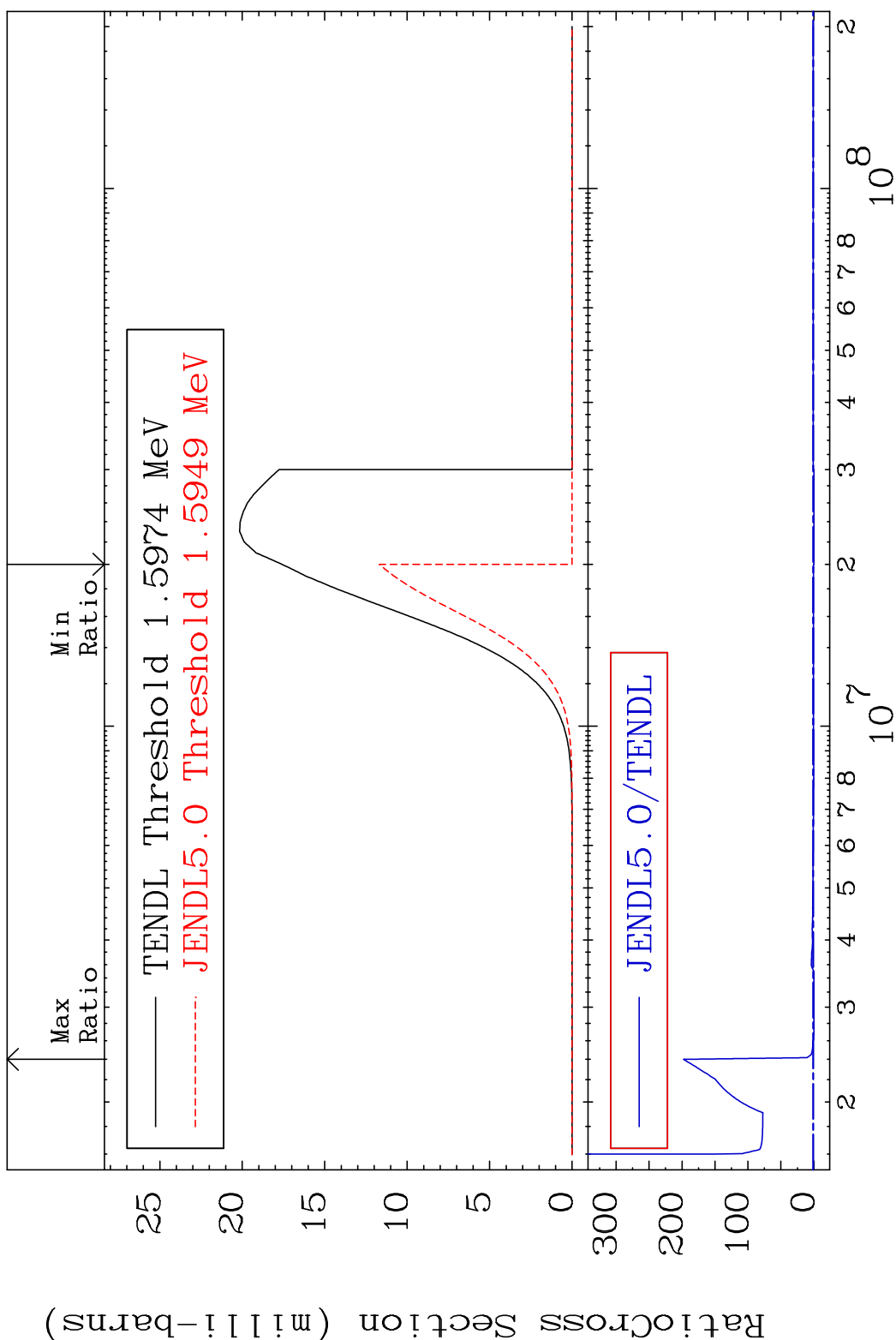


MAT 5046 (n, n') d:49-In-117m1 50-Sn-119  
 Radionuclide Production Cross Section to 634.0 %



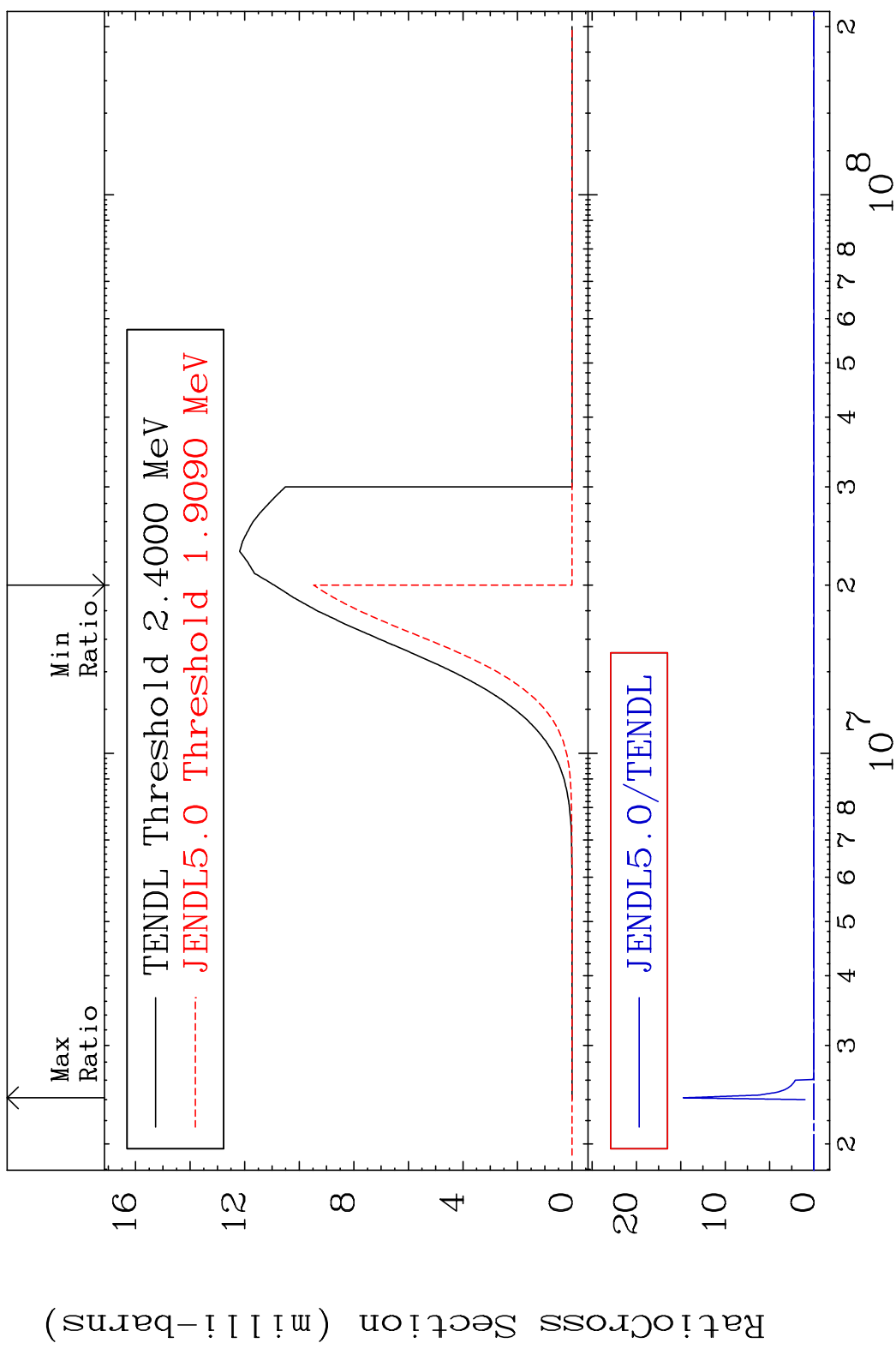
58 Incident Energy (eV) 50-Sn-119

MAT 5046 (n,p):49-In-119g 50-Sn-119  
 Radionuclide Production Cross Section to 9999. %



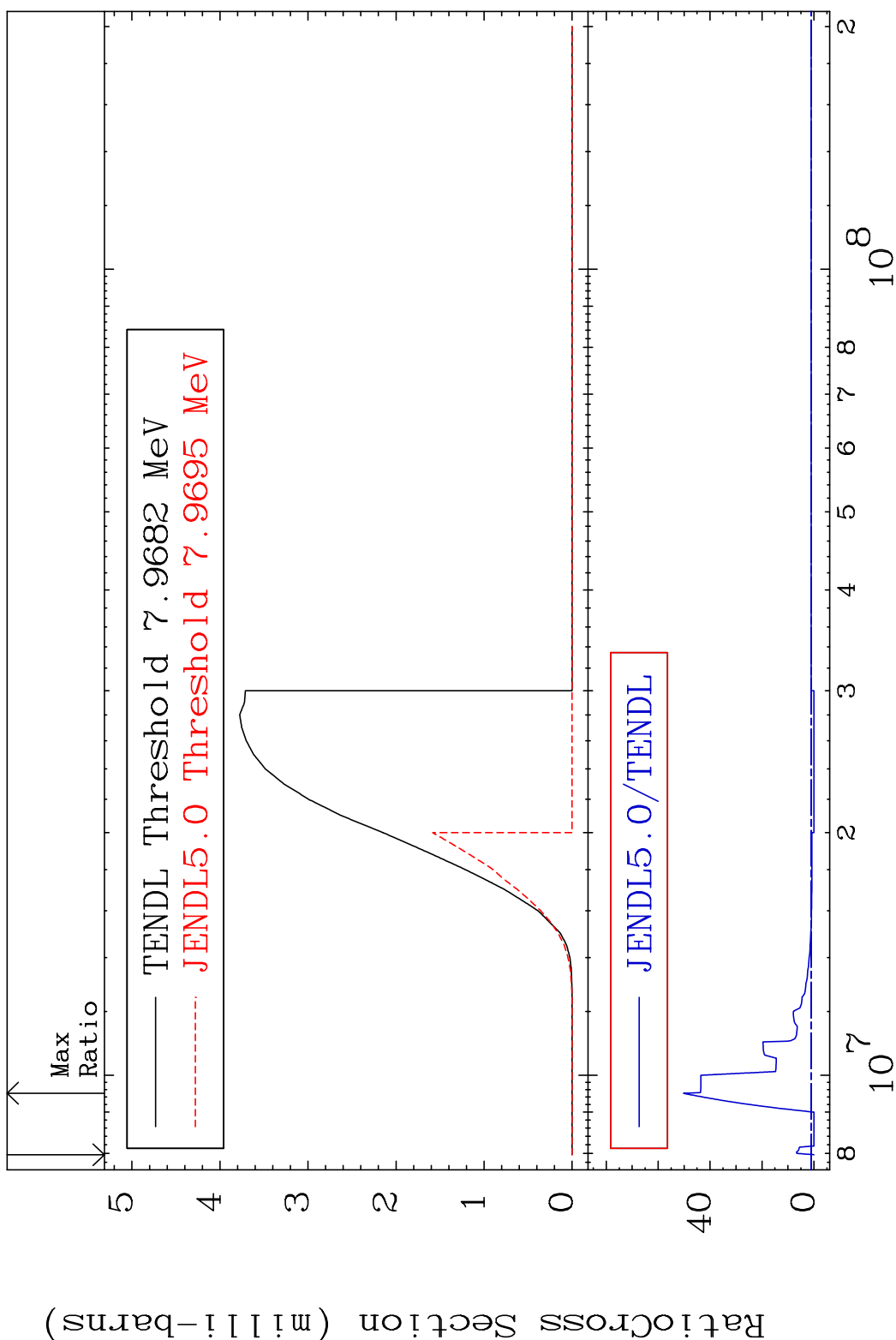
59 Incident Energy (eV) 50-Sn-119

MAT 5046 (n, p): 49-In-119m1 50-Sn-119  
 Radionuclide Production Cross Section to 9999. %



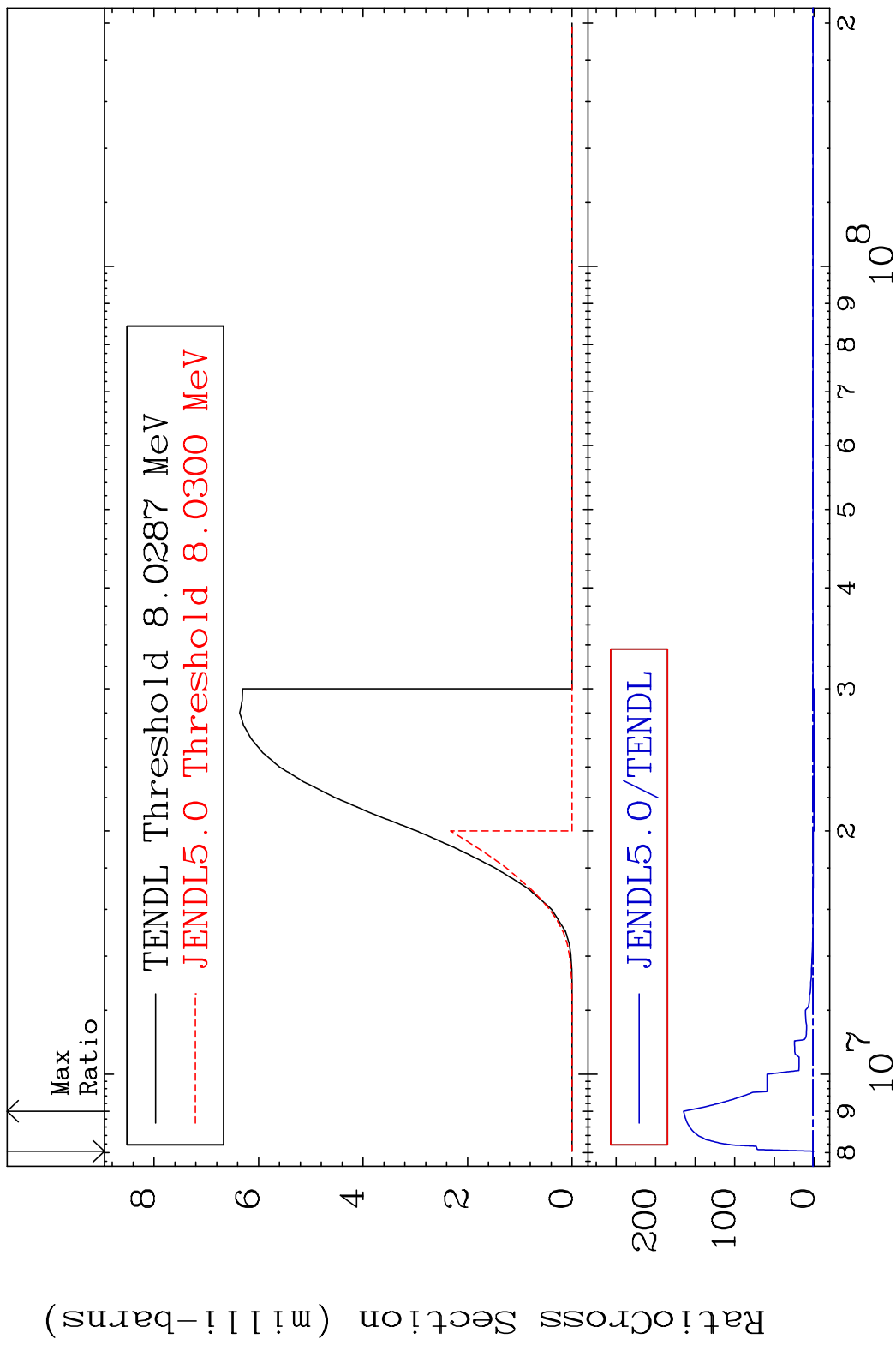
60 Incident Energy (eV) 50-Sn-119

MAT 5046 (n,d):49-In-118g 50-Sn-119  
 Radionuclide Production Cross Section 180000 dpo 4925. %



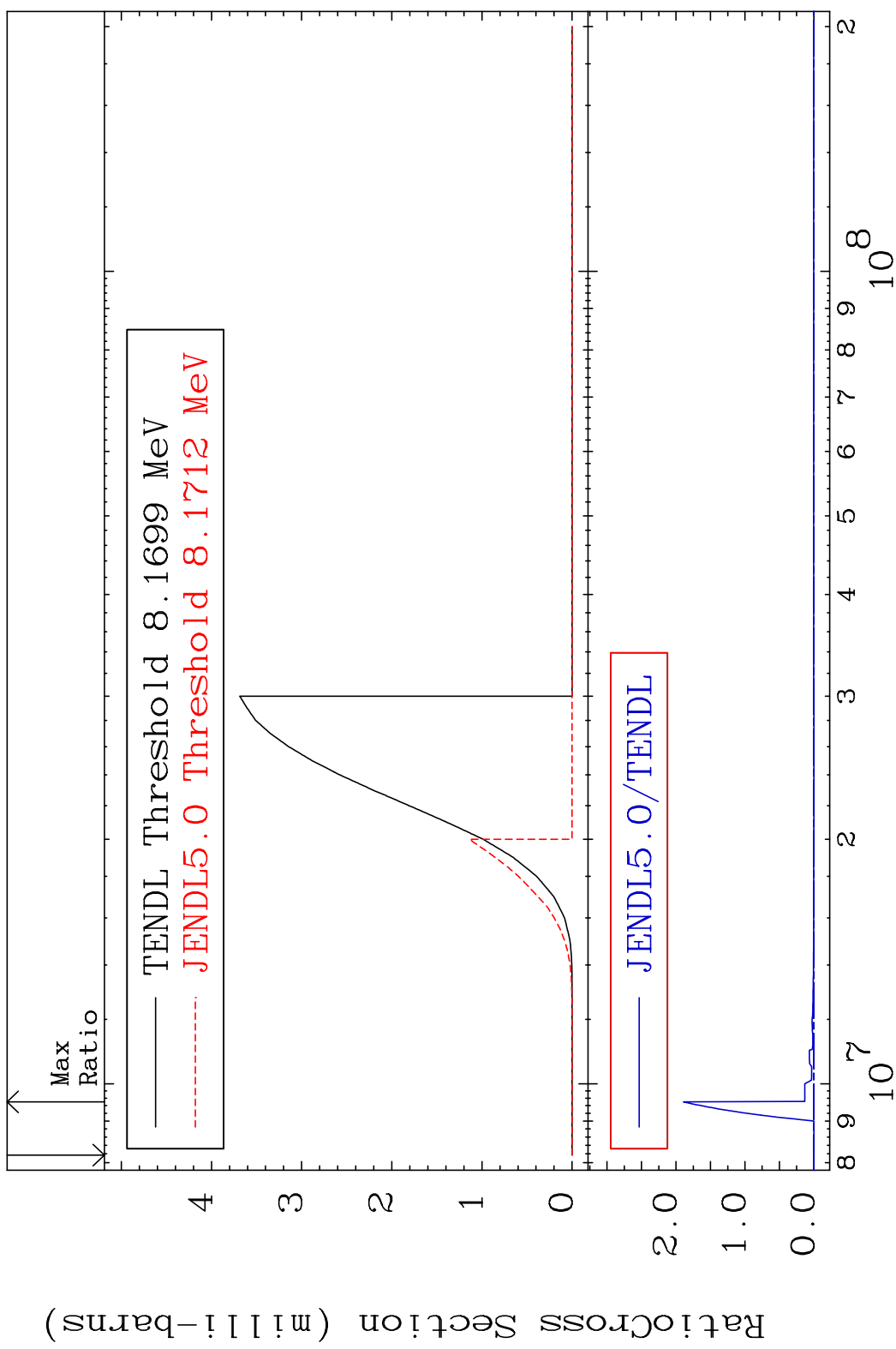
61 Incident Energy (eV) 50-Sn-119

MAT 5046 (n,d):49-In-118m1 50-Sn-119  
 Radionuclide Production Cross Section 180000 dpo 9999. %



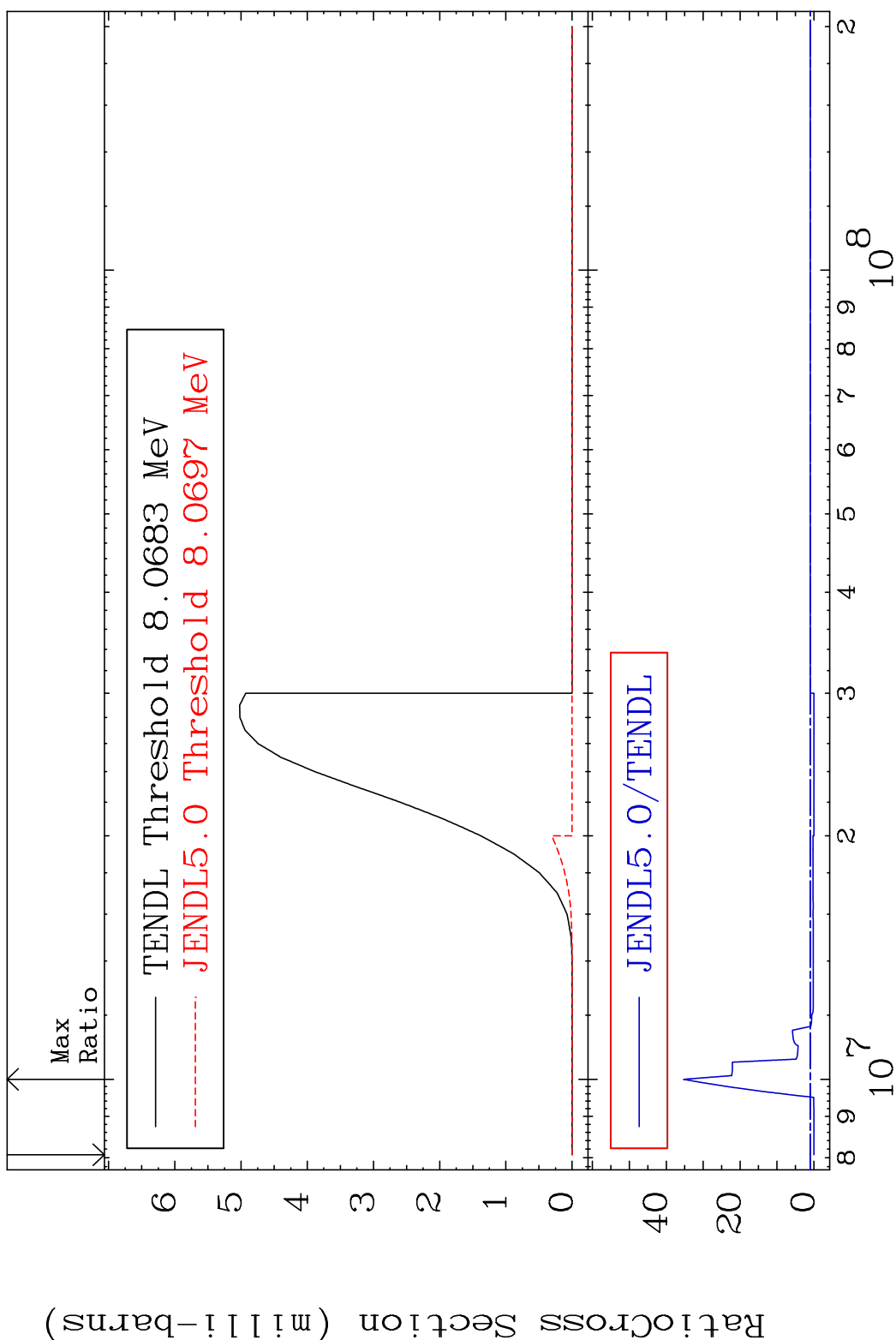
62 Incident Energy (eV) 50-Sn-119

MAT 5046 (n,d):49-In-118m3 50-Sn-119  
 Radionuclide Production Cross Section 10000 to 9999. %





MAT 5046 (n,t):49-In-117g 50-Sn-119  
 Radionuclide Production Cross Section 180000 dpo 3434. %



64 Incident Energy (eV) 50-Sn-119

