

Program Complot
(Version 2021-1)

by

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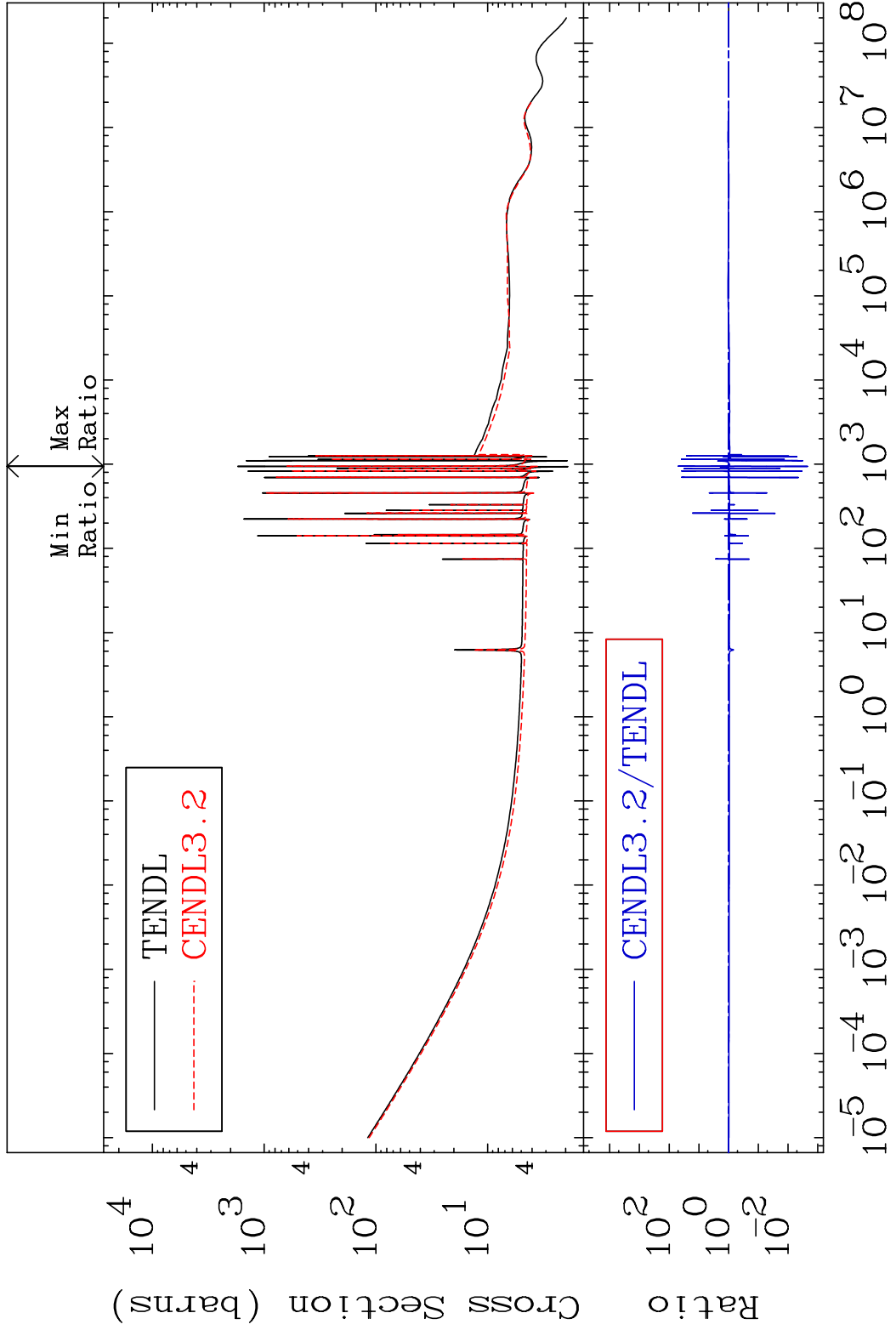
U.S.A.

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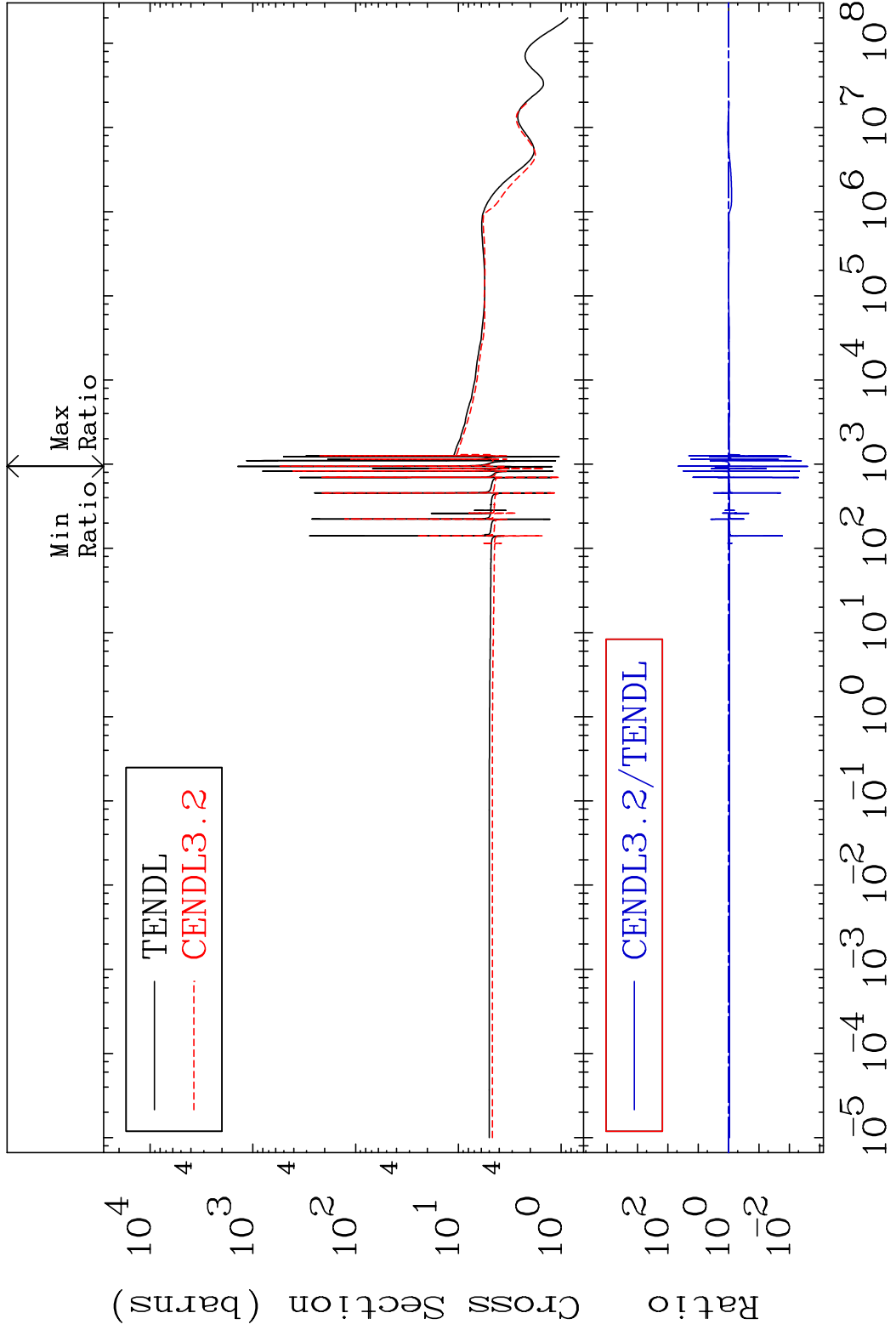
Press Mouse Button to Start

MAT 5046 Total 50-Sn-119
 Cross Section -99.78 To 4824. %

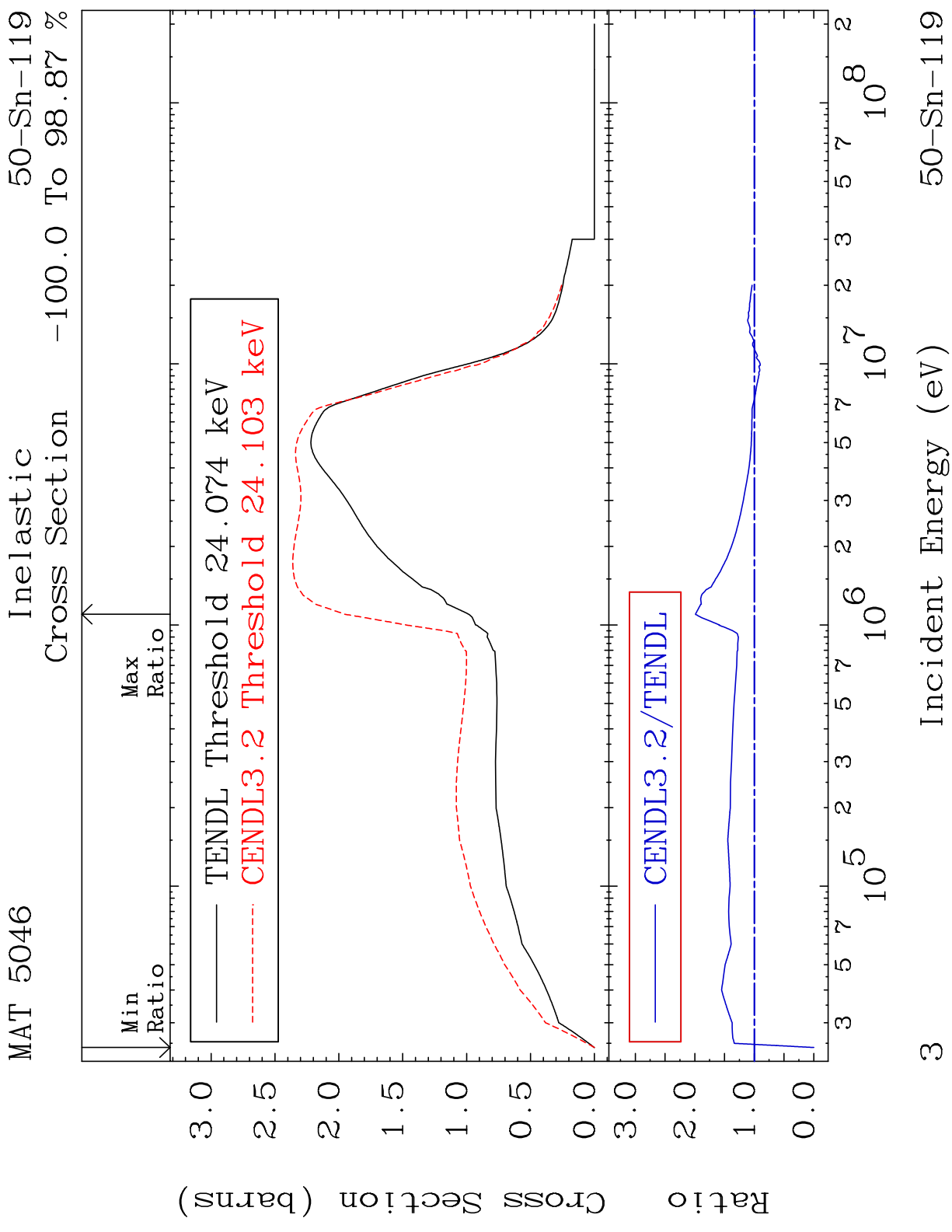


1 Incident Energy (eV) 50-Sn-119

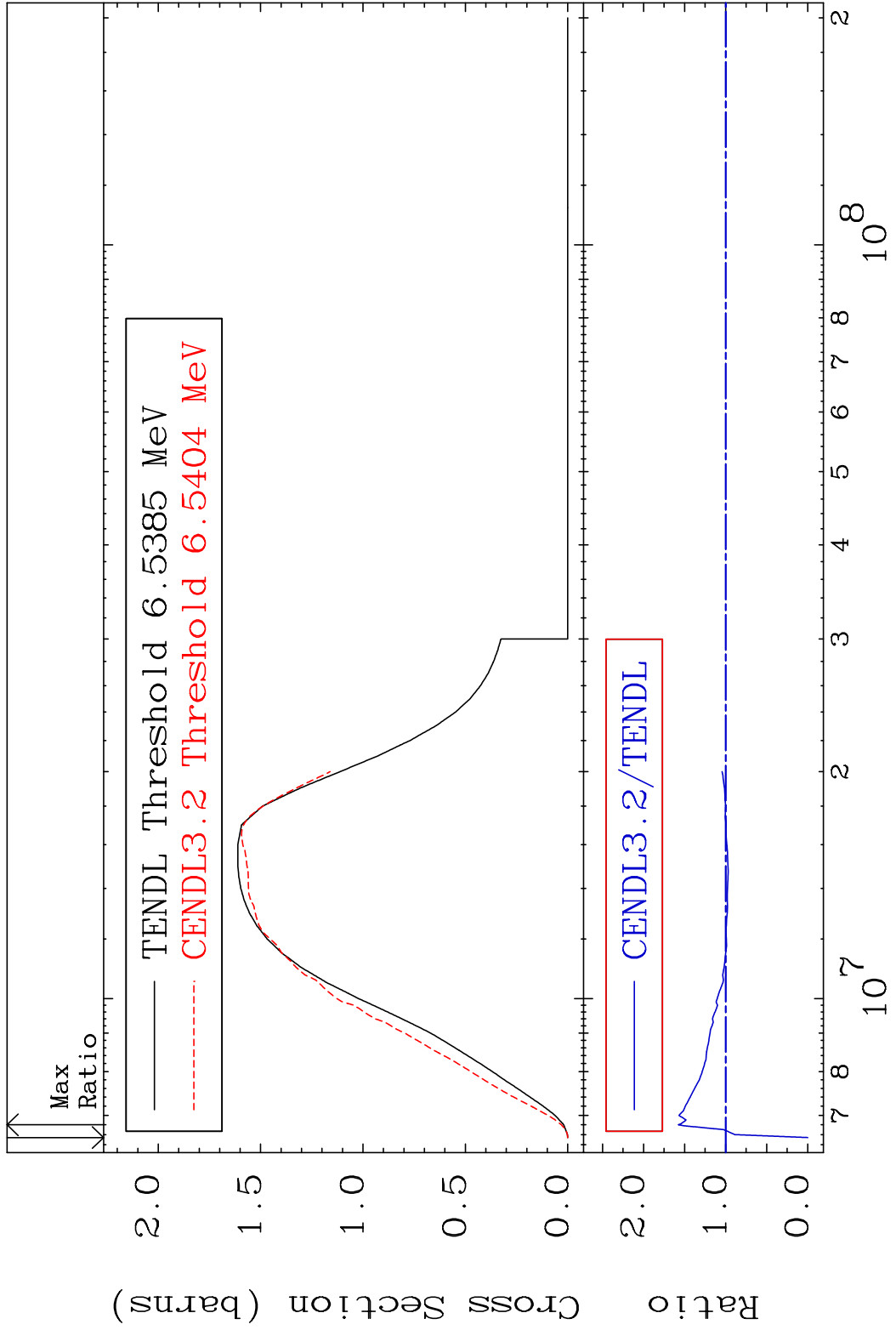
MAT 5046 Elastic 50-Sn-119
 Cross Section -99.75 To 4432. %



2 Incident Energy (eV) 50-Sn-119

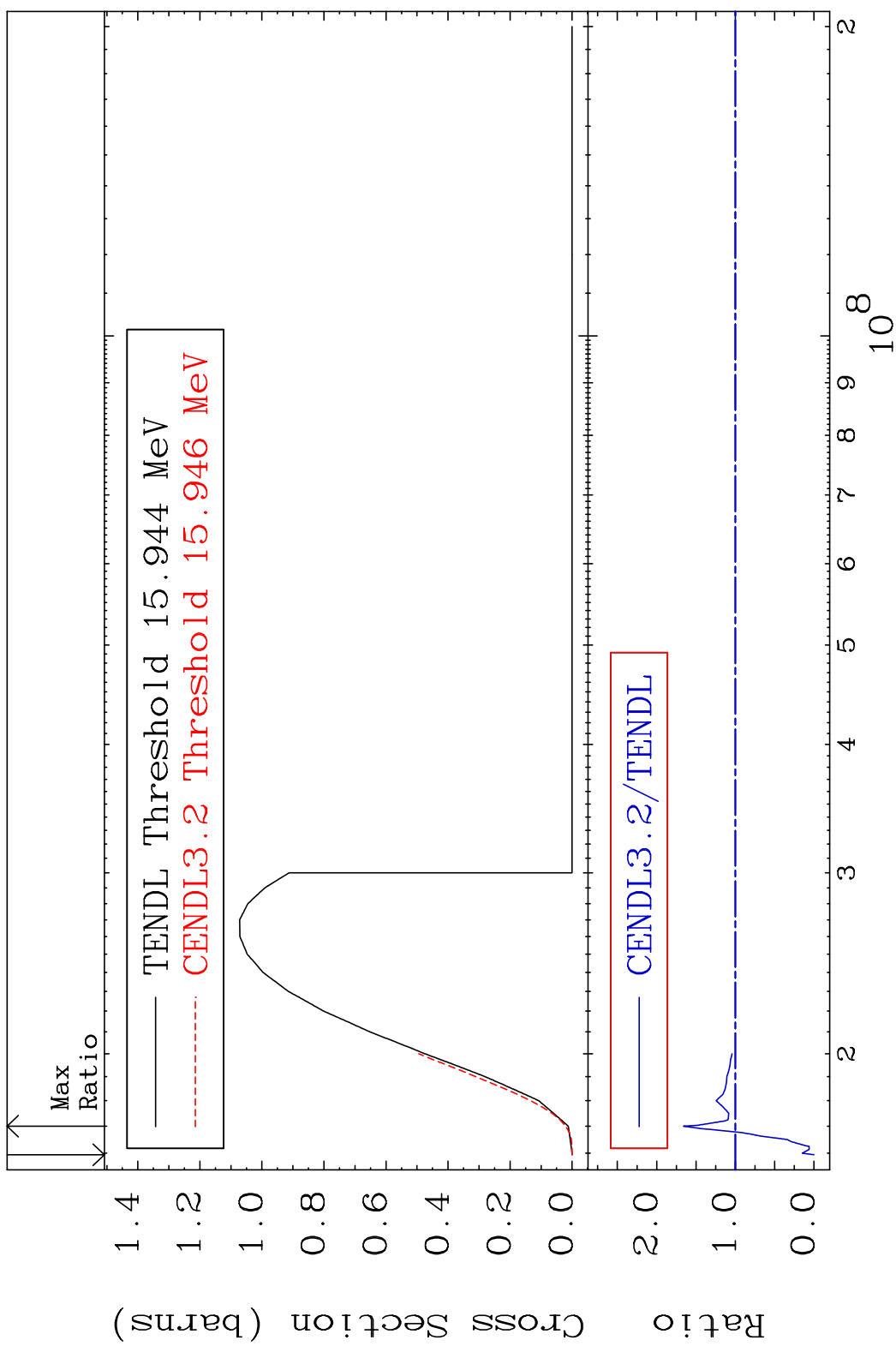


MAT 5046 (n,2n) 50-Sn-119
Cross Section -100.0 To 57.75 %

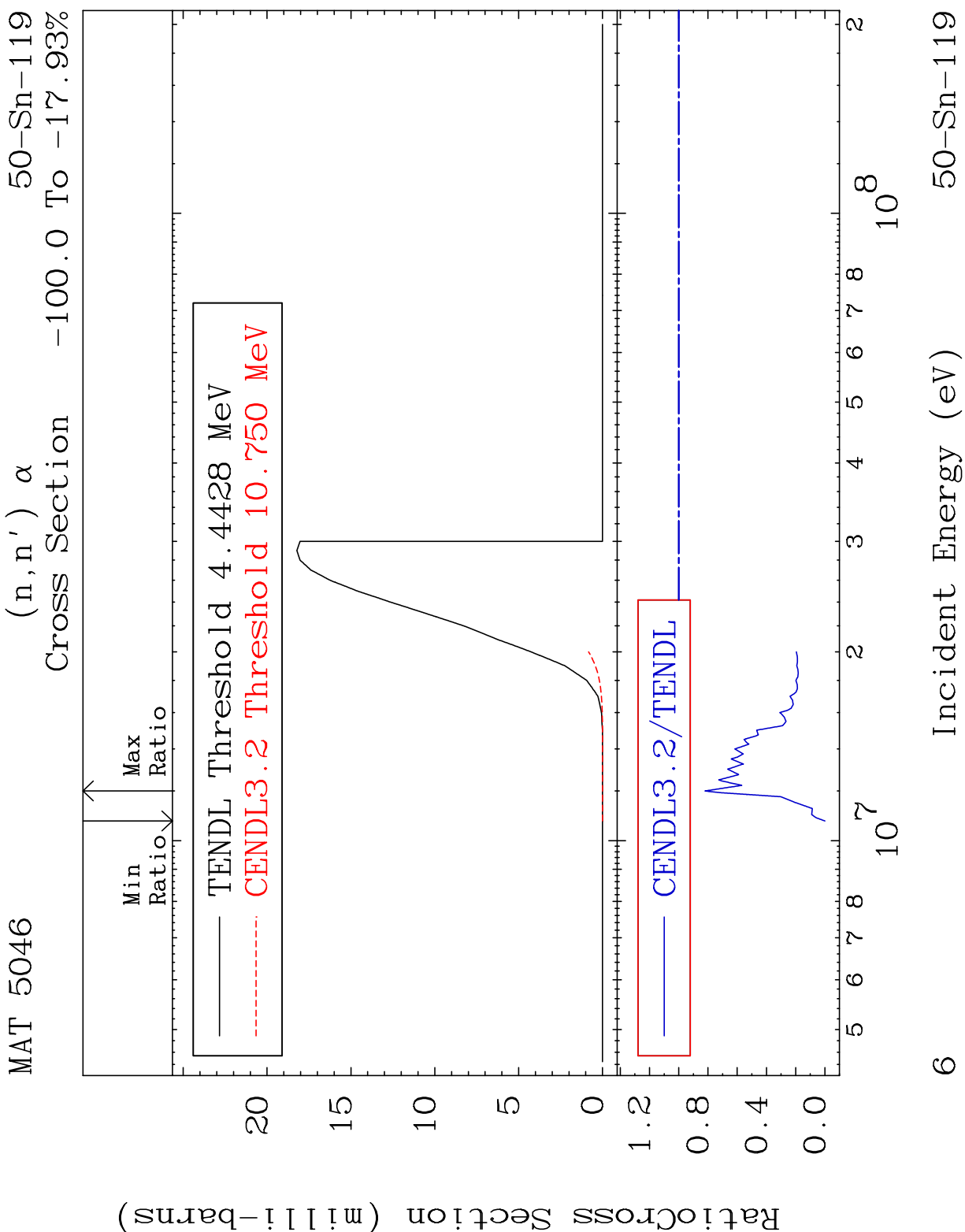


4 Incident Energy (eV) 50-Sn-119

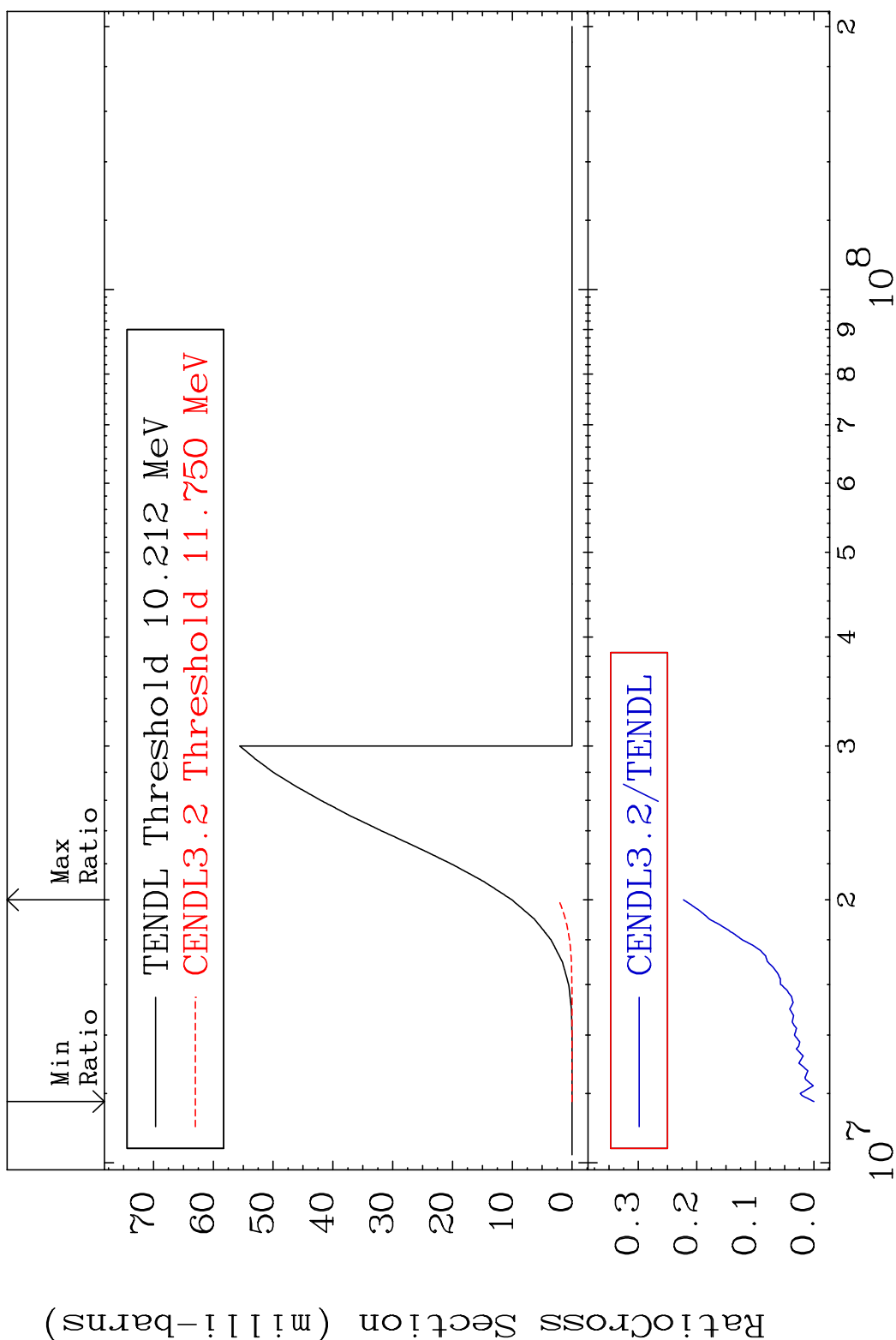
MAT 5046 (n,3n) 50-Sn-119
 Cross Section -100.0 To 65.91 %



5 Incident Energy (eV) 50-Sn-119

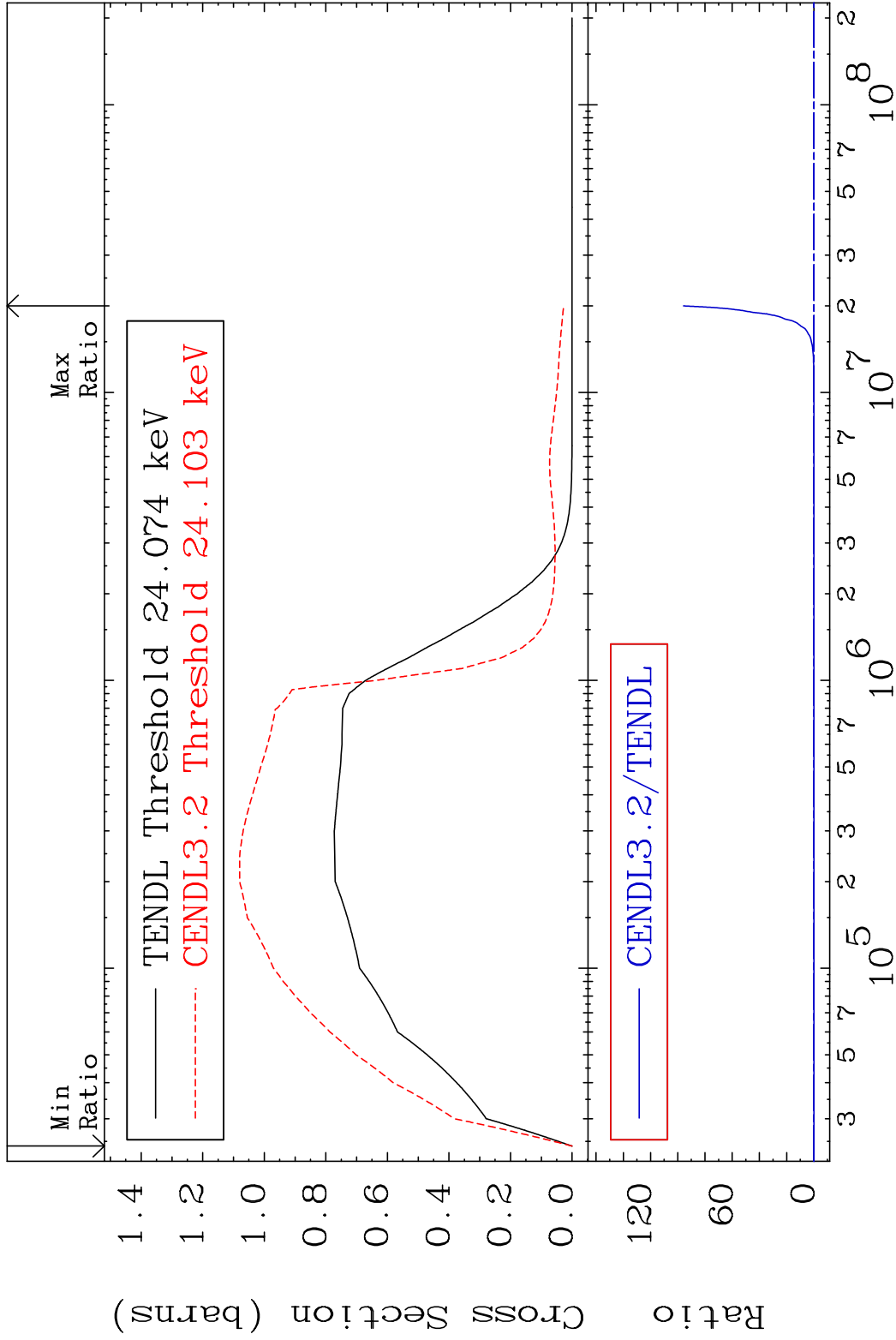


MAT 5046 (n, n') p 50-Sn-119
 Cross Section -100.0 To -77.72%

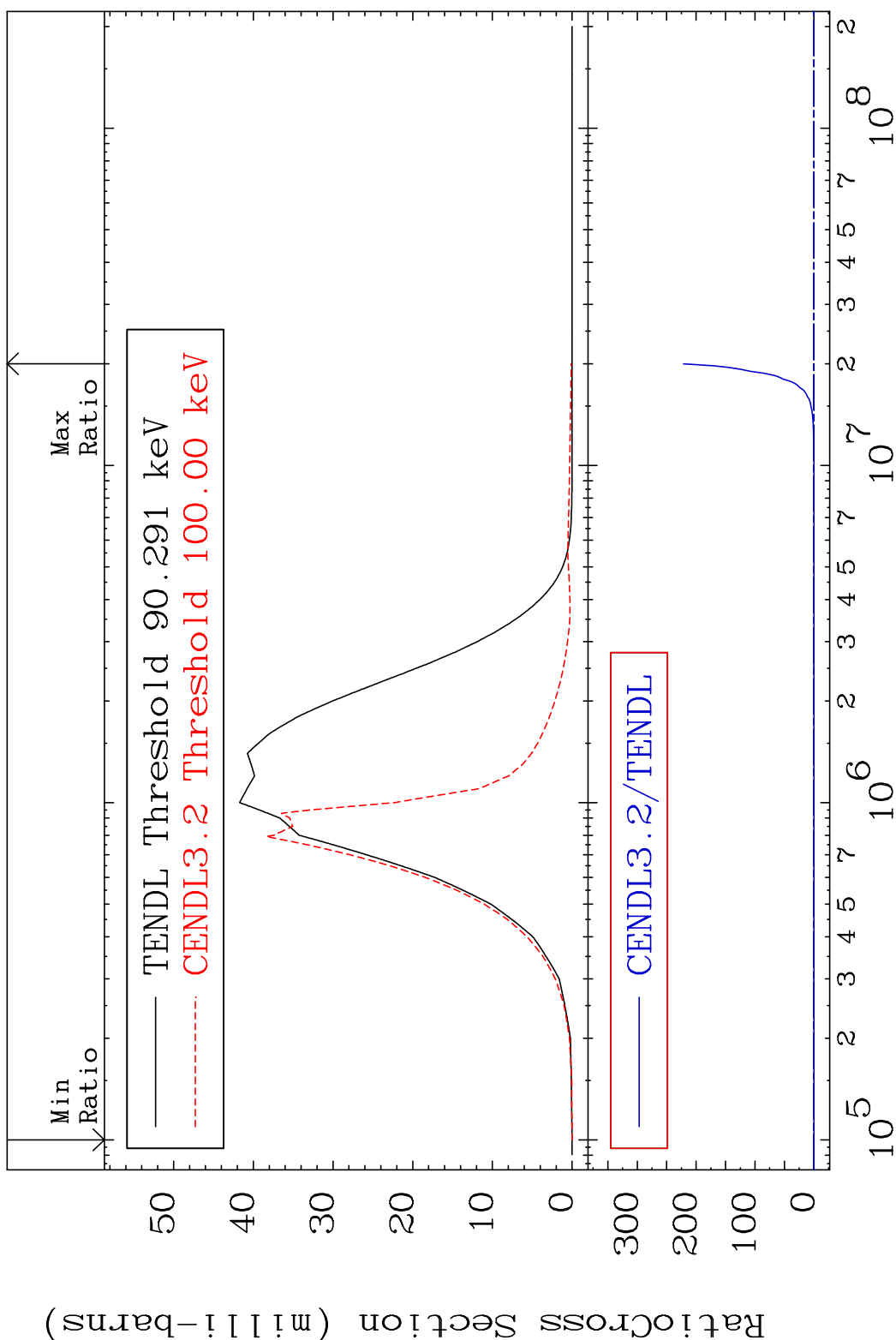


7 Incident Energy (eV) 50-Sn-119

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

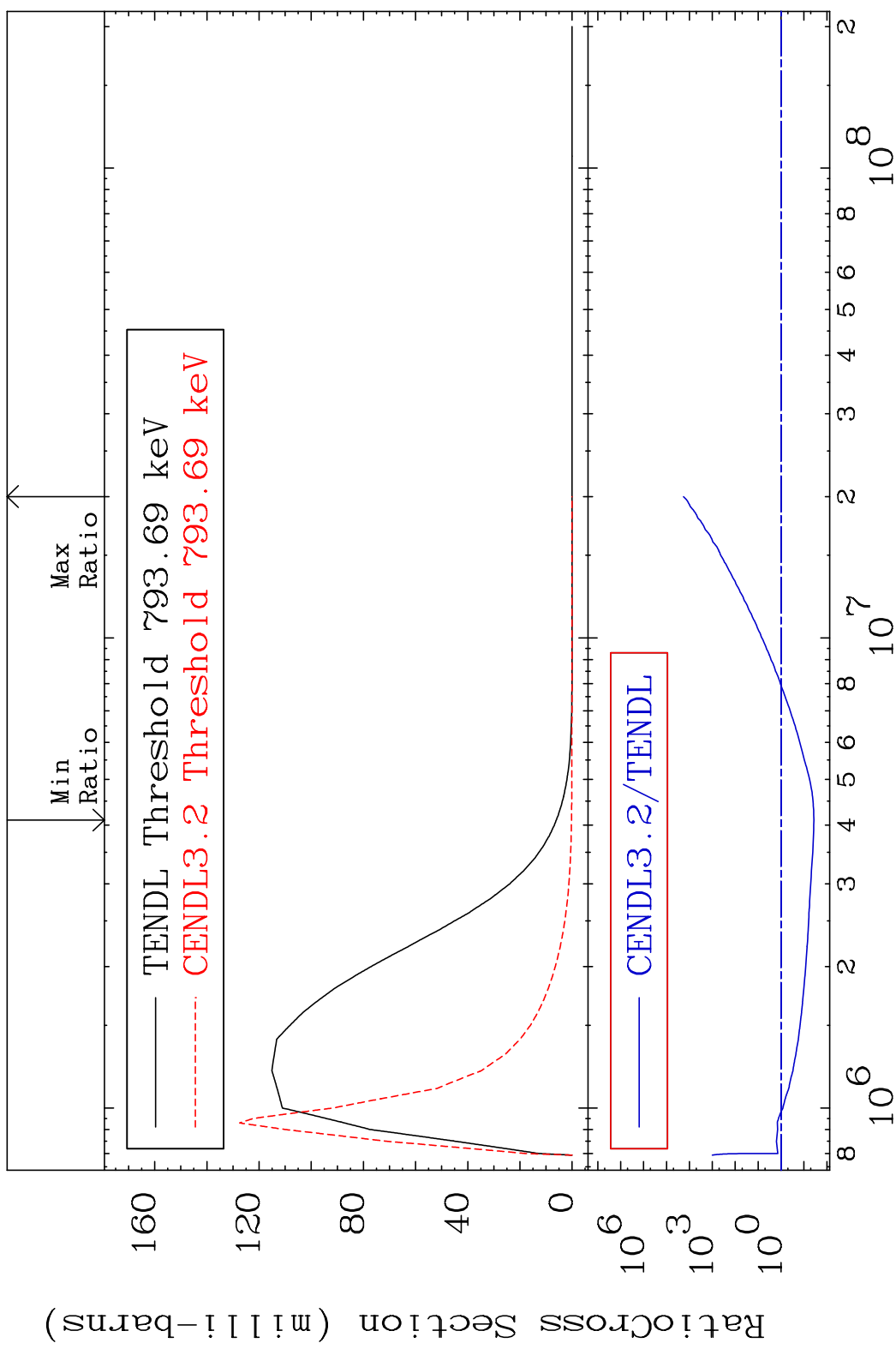


MAT 5046 MT= 52 (n, n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %



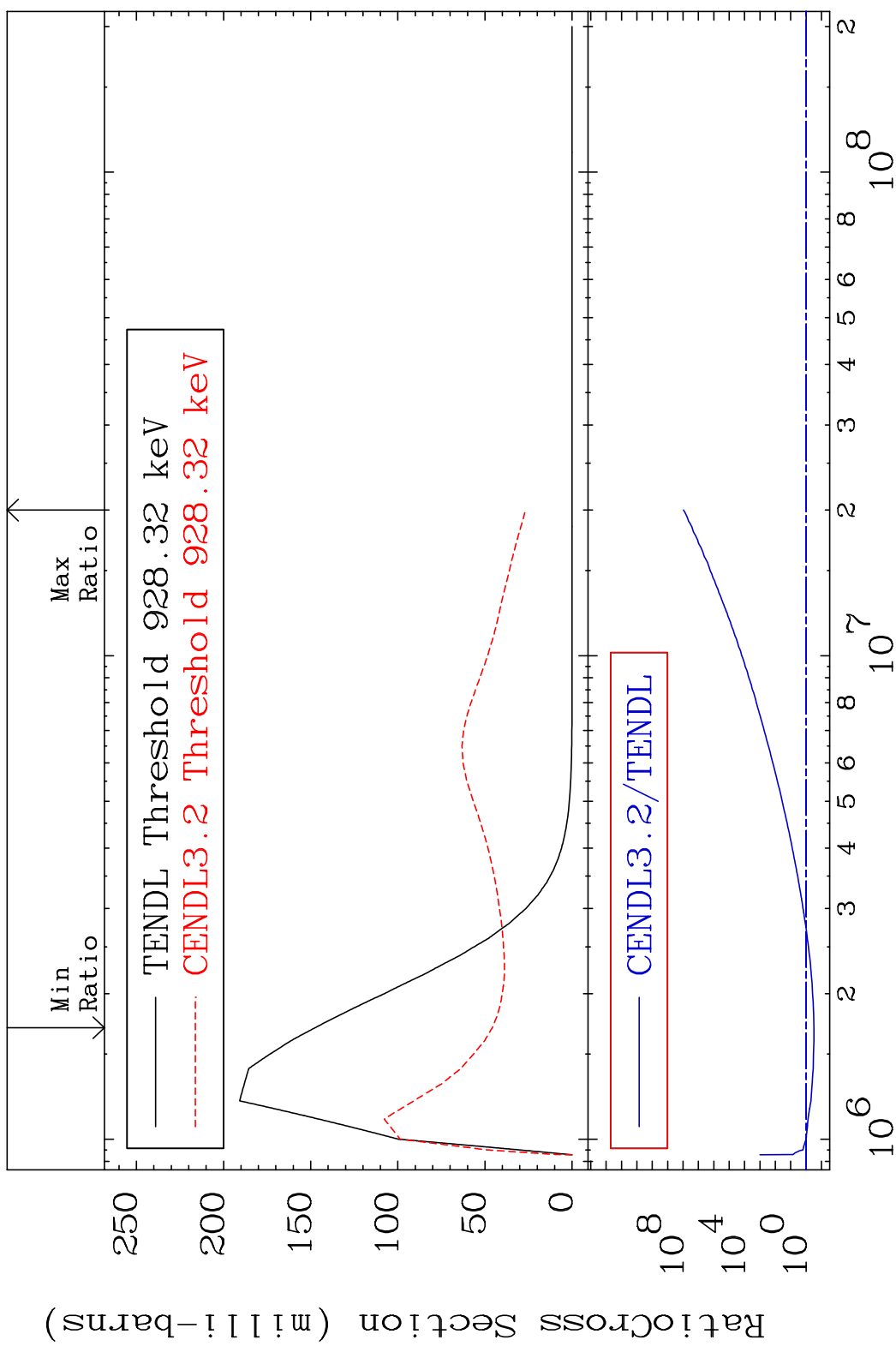
9 Incident Energy (eV) 50-Sn-119

MAT 5046 MT= 53 (n, n') Level 50-Sn-119
 Cross Section -96.31 To 9999. %



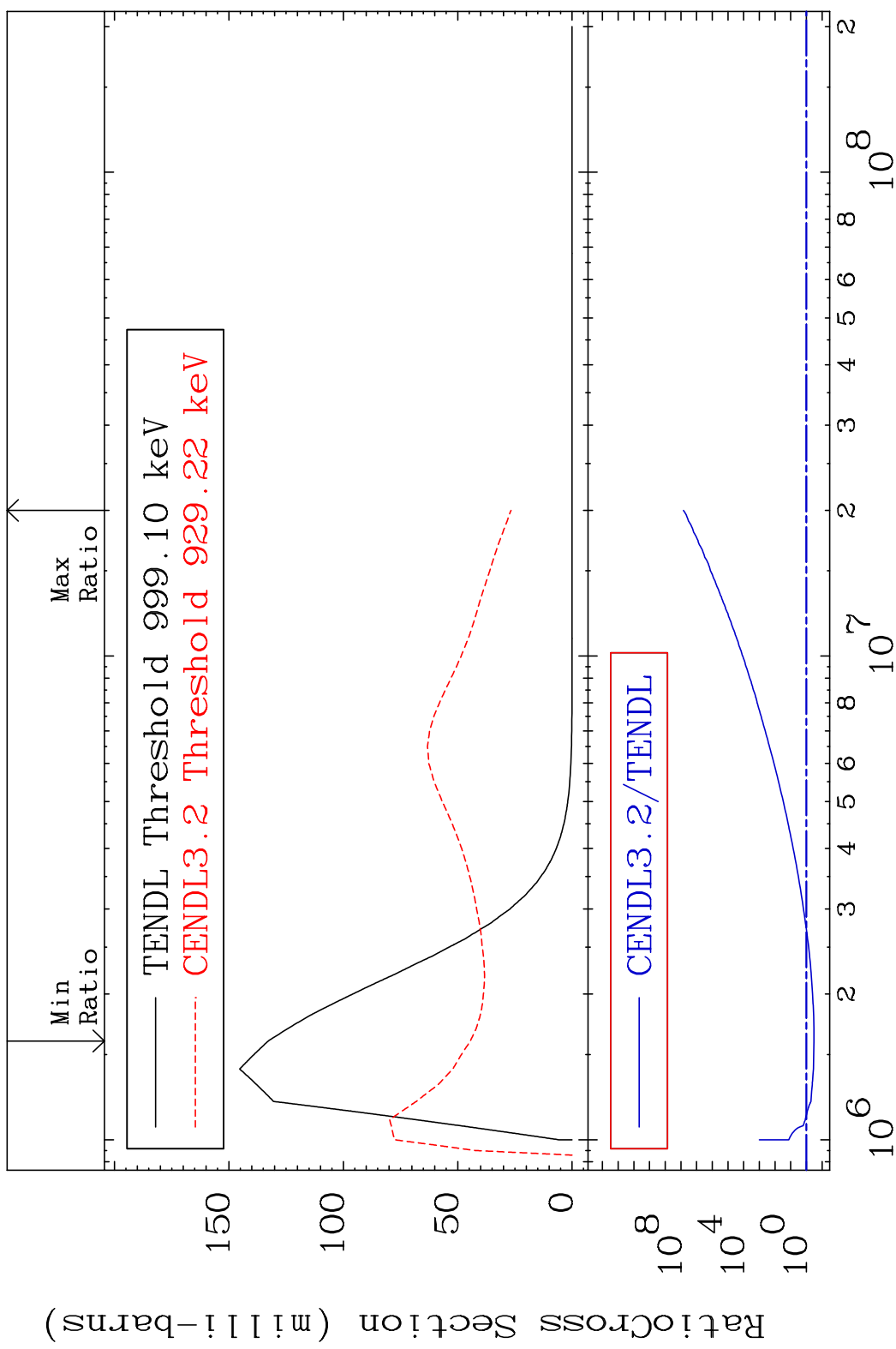
10 Incident Energy (eV) 50-Sn-119

MAT 5046 MT= 54 (n, n') Level 50-Sn-119
 Cross Section -68.94 To 9999. %



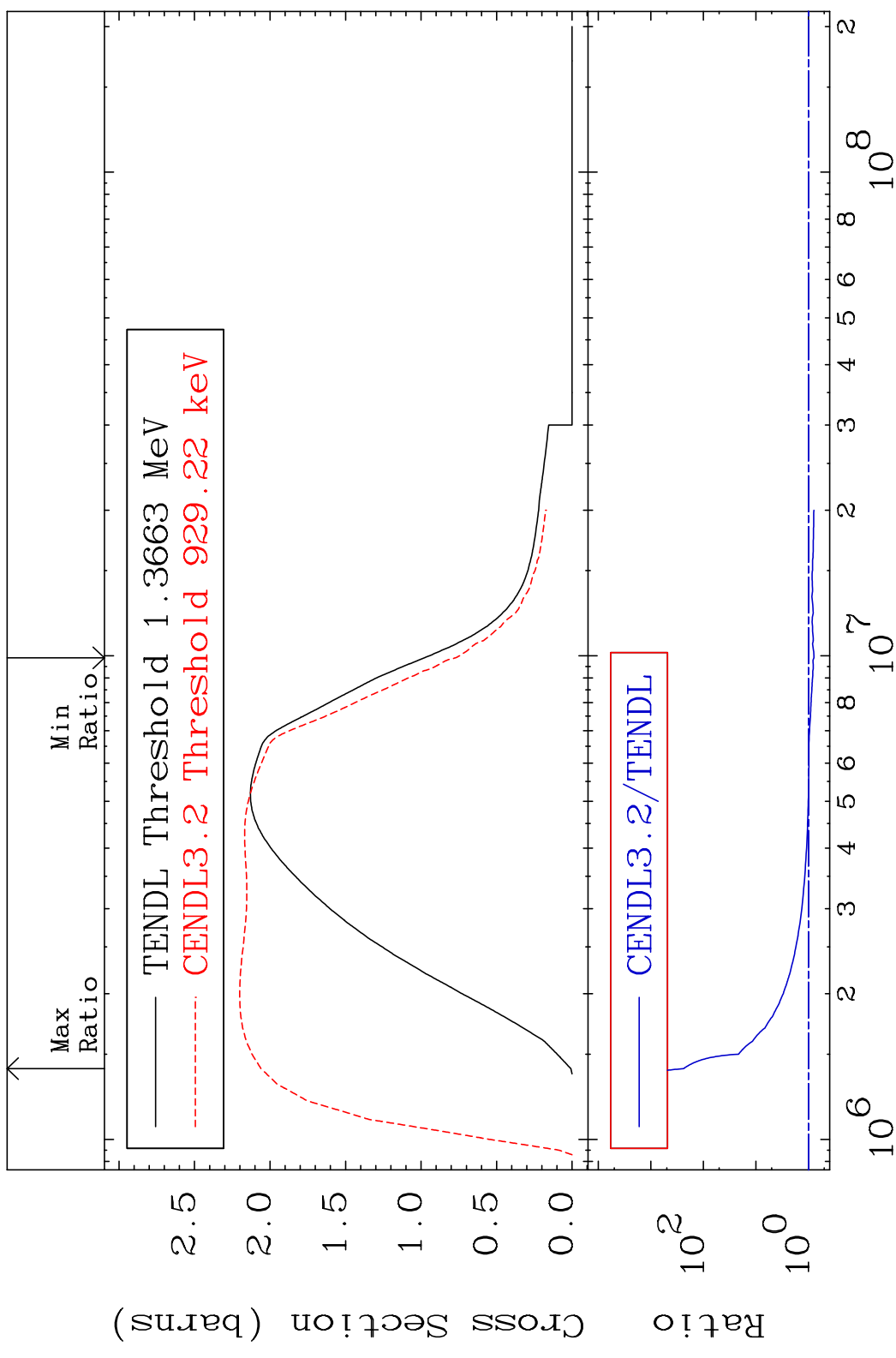
11 Incident Energy (eV) 50-Sn-119

MAT 5046 MT= 55 (n, n') Level 50-Sn-119
 Cross Section -66.52 To 9999. %

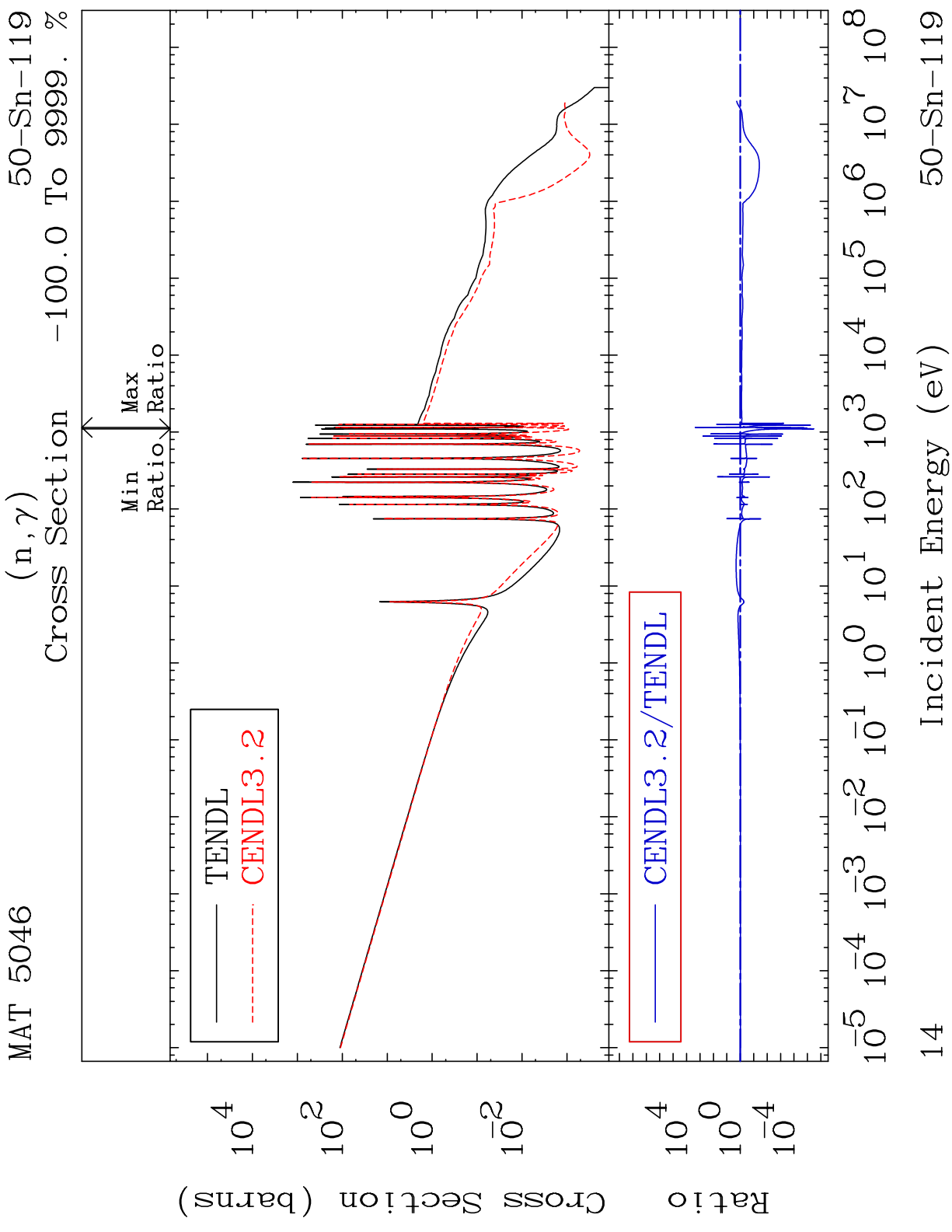


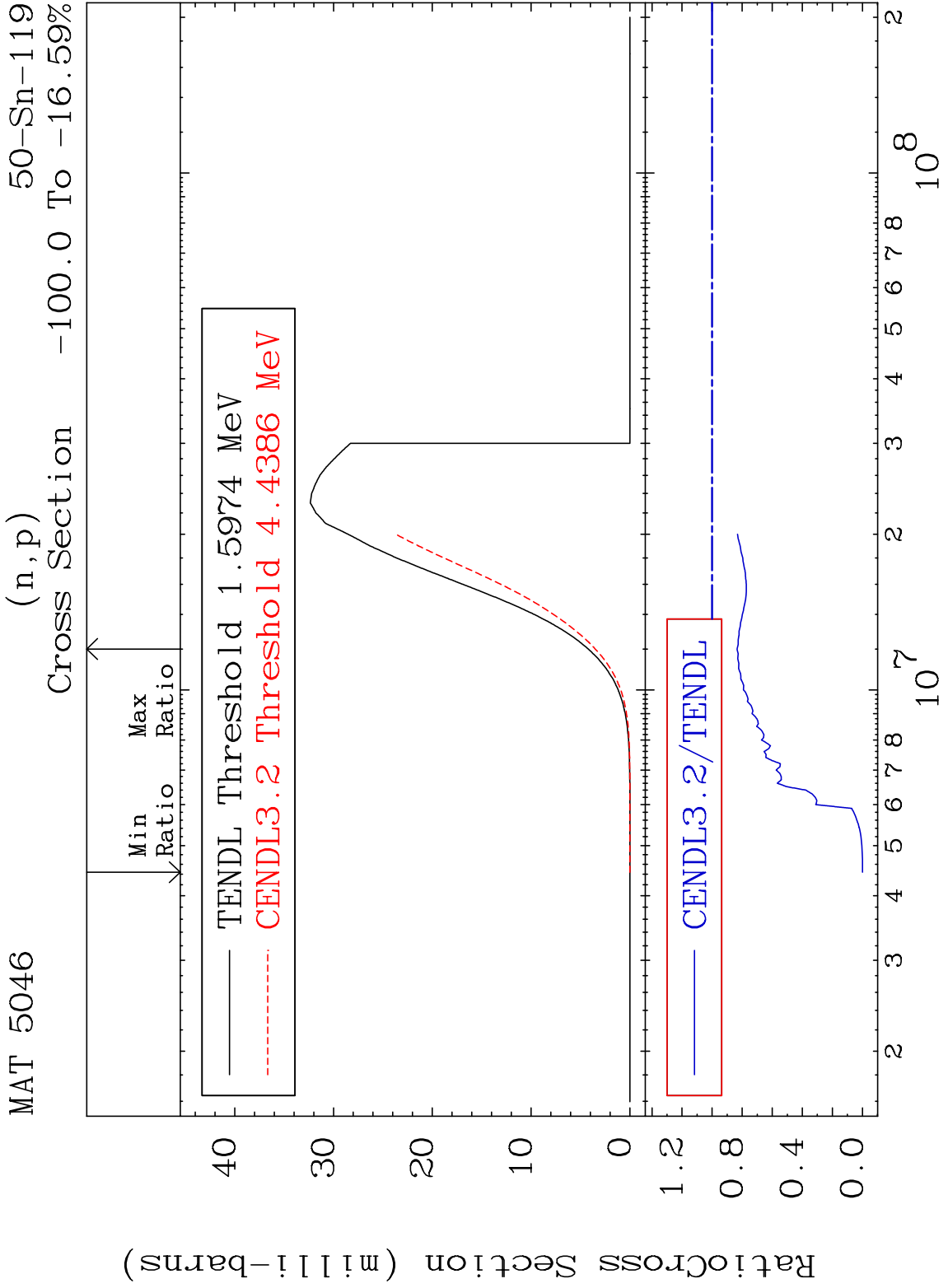
12 Incident Energy (eV) 50-Sn-119

MAT 5046 (n, n') Continuum 50-Sn-119
 Cross Section -21.17 To 9999. %

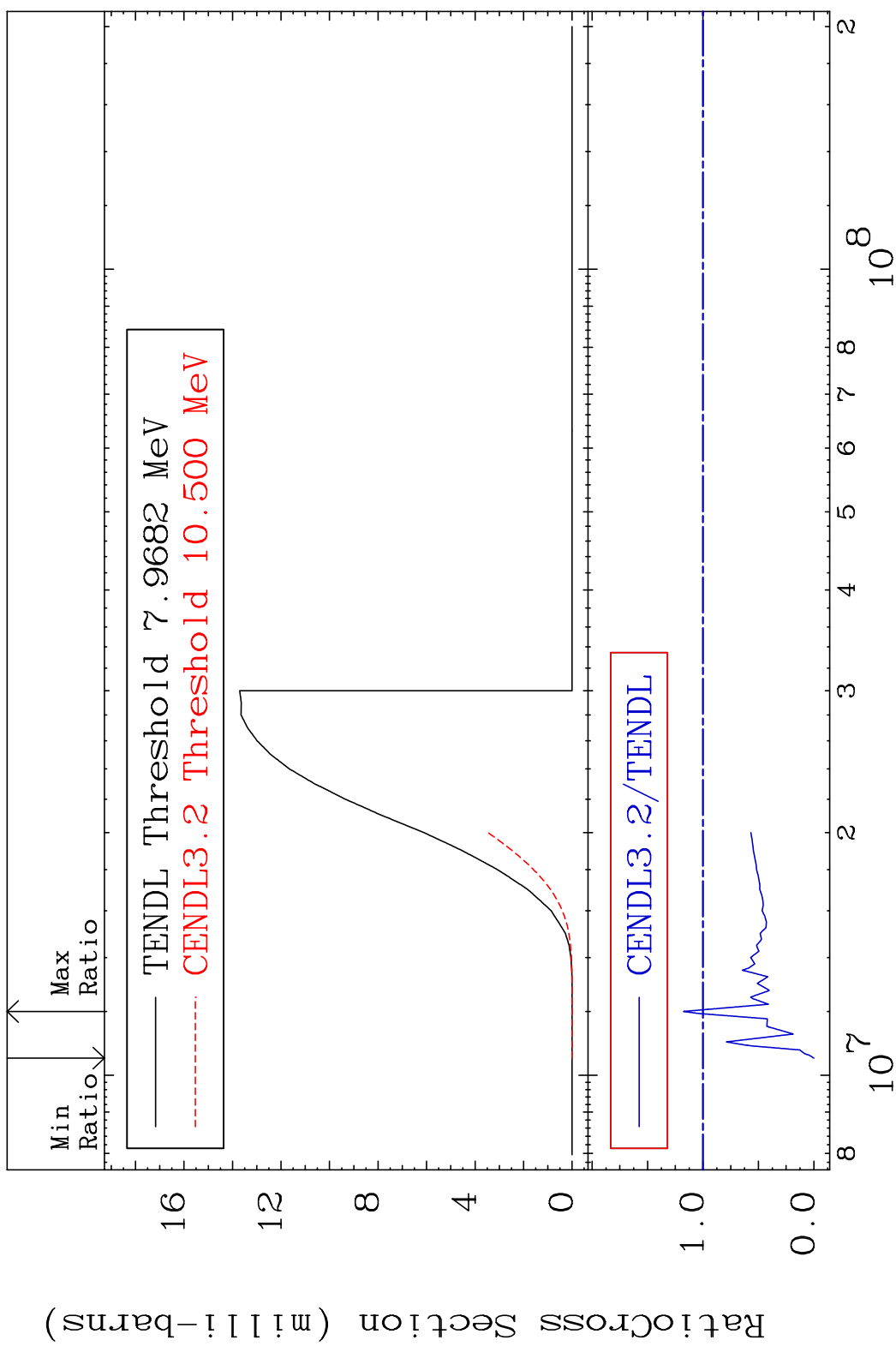


13 Incident Energy (eV) 50-Sn-119



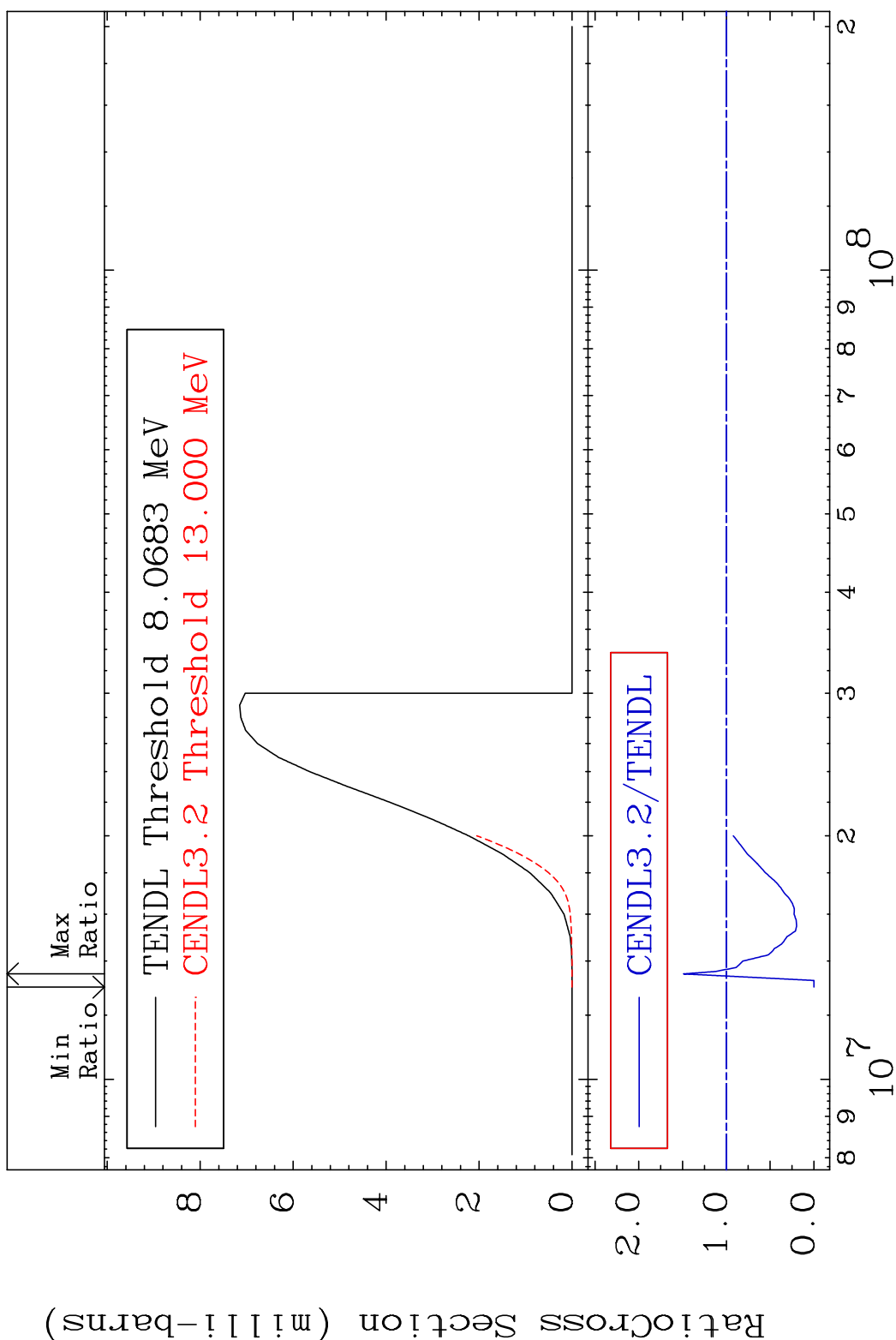


MAT 5046 (n, d) 50-Sn-119
Cross Section -100.0 To 17.63 %



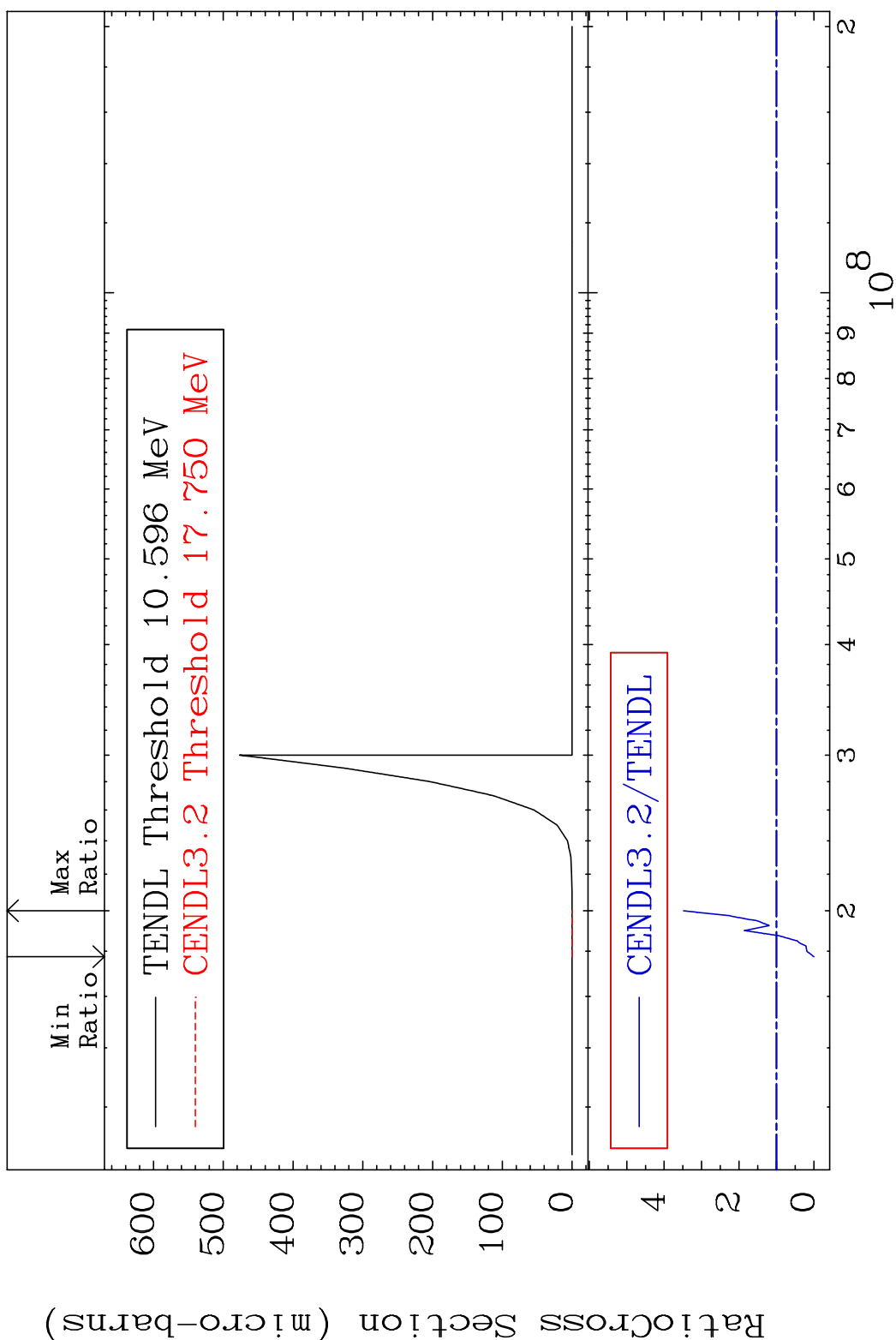
16 50-Sn-119

MAT 5046 (n, t) 50-Sn-119
 Cross Section -100.0 To 48.96 %



17 17 Incident Energy (eV) 50-Sn-119

MAT 5046 (n, He-3) 50-Sn-119
 Cross Section -100.0 To 248.5 %



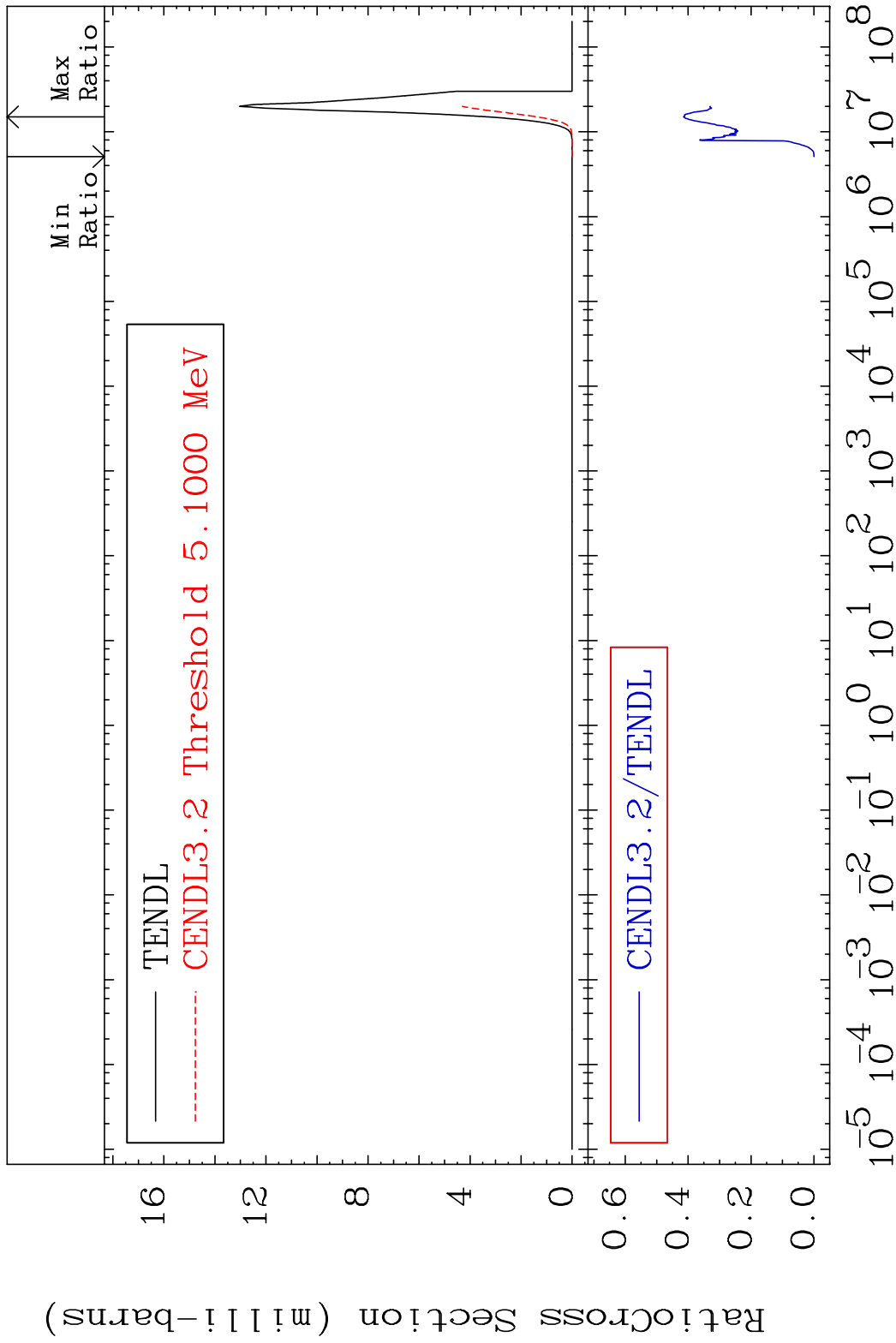
18 Incident Energy (eV) 50-Sn-119

MAT 5046

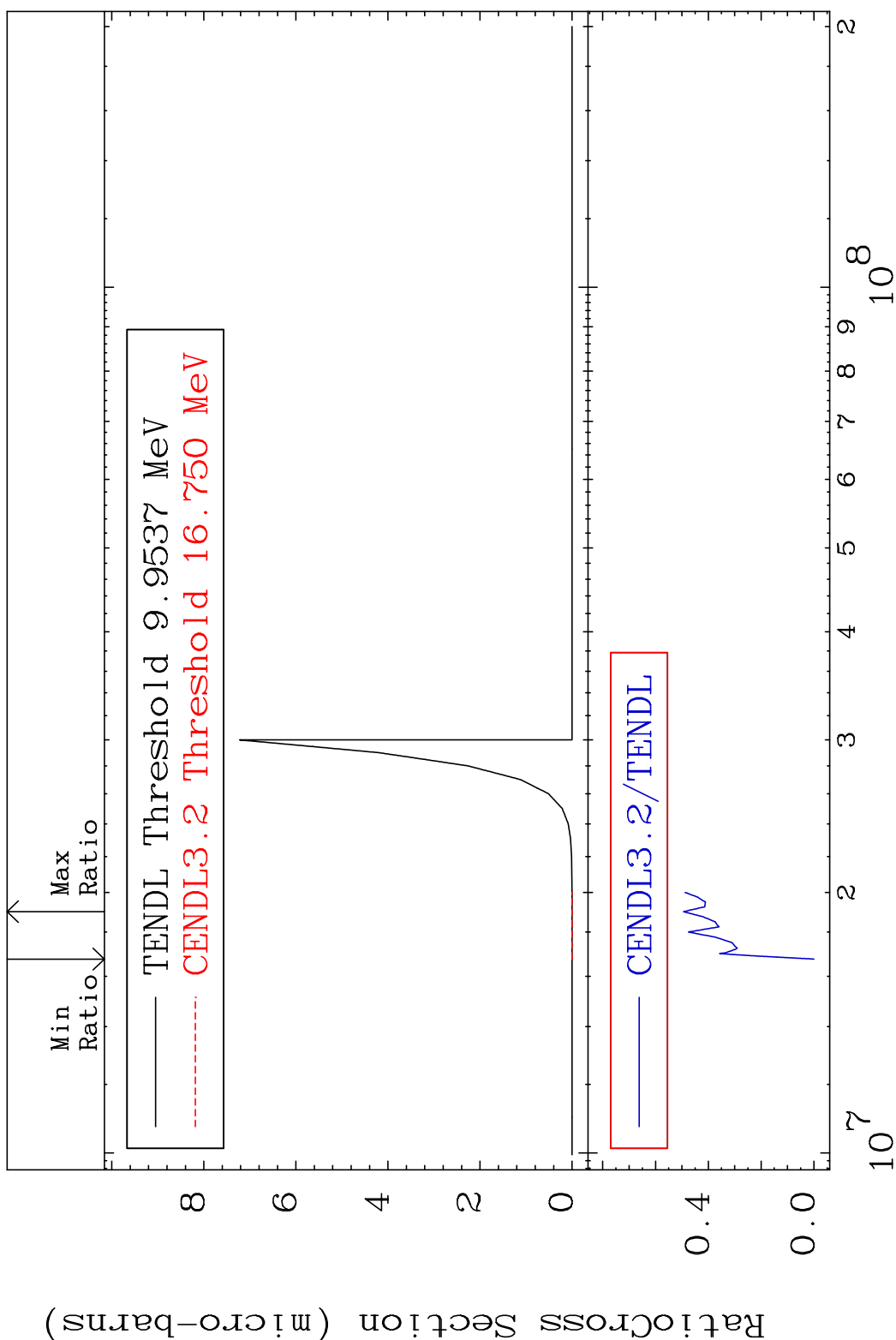
(n, α)

50-Sn-119

Cross Section -100.0 To -58.50%

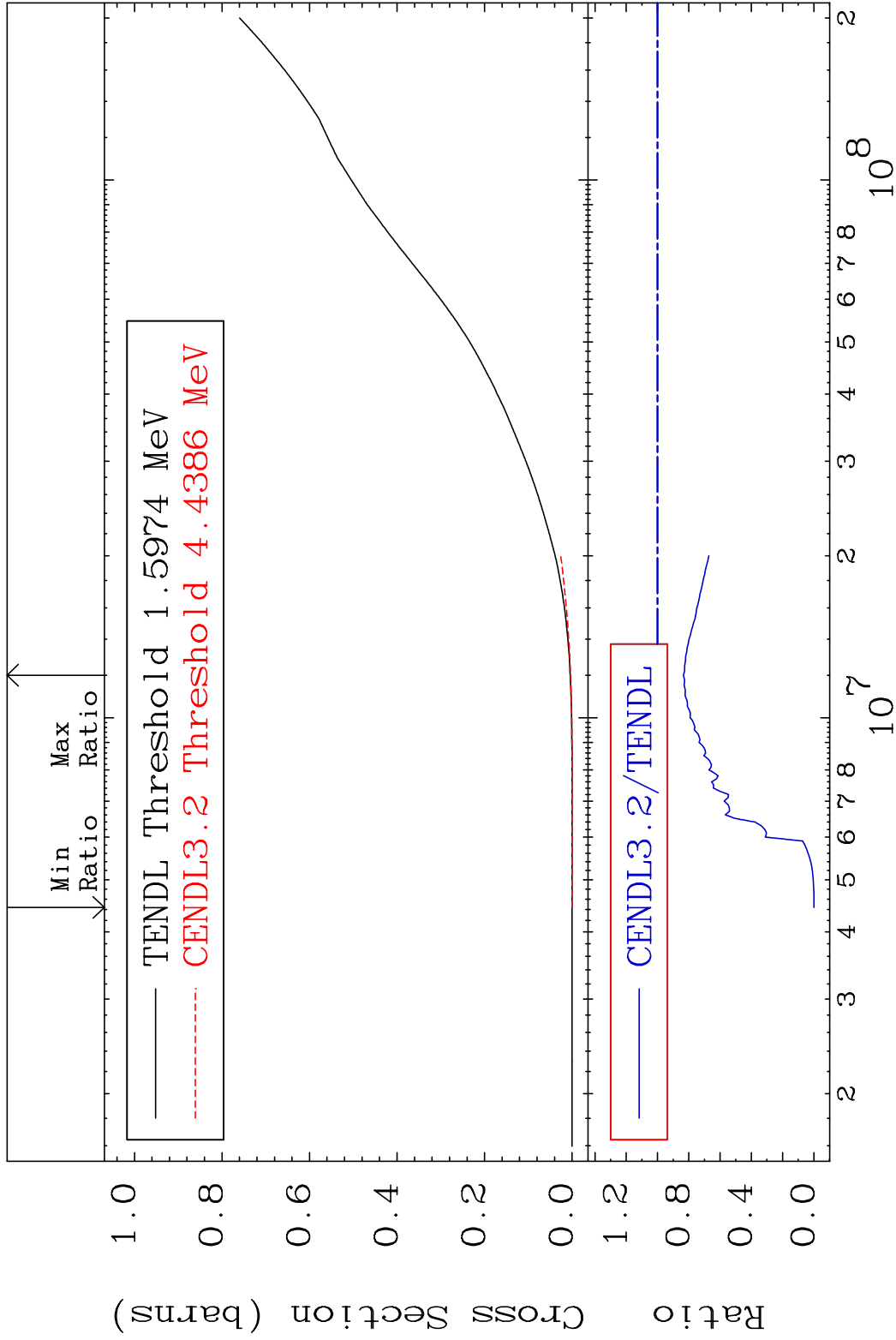


MAT 5046 (n,2p) 50-Sn-119
Cross Section -100.0 To -50.59%



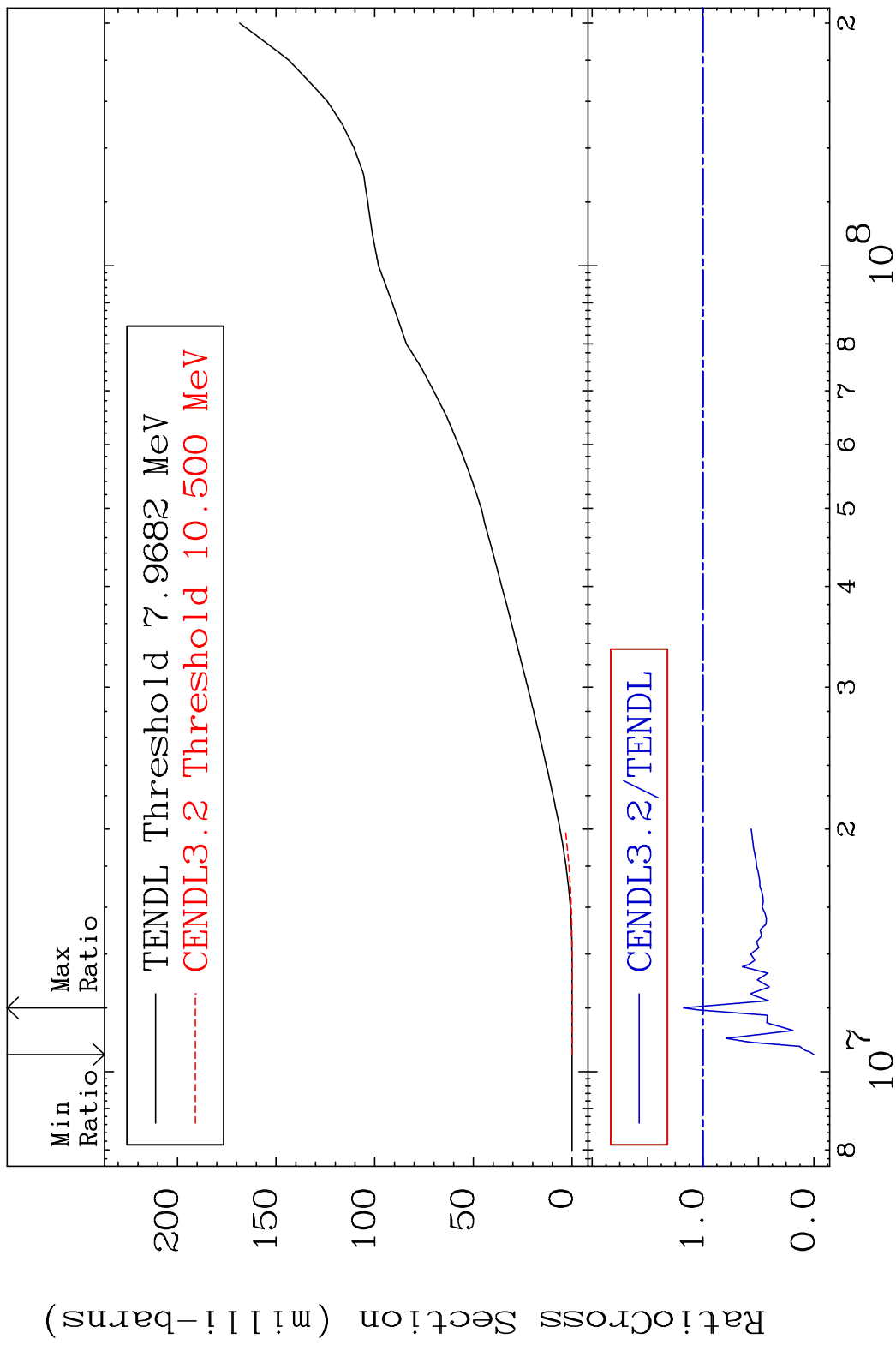
20 Incident Energy (eV) 50-Sn-119

MAT 5046 Hydrogen Production 50-Sn-119
 Cross Section -100.0 To -16.59%



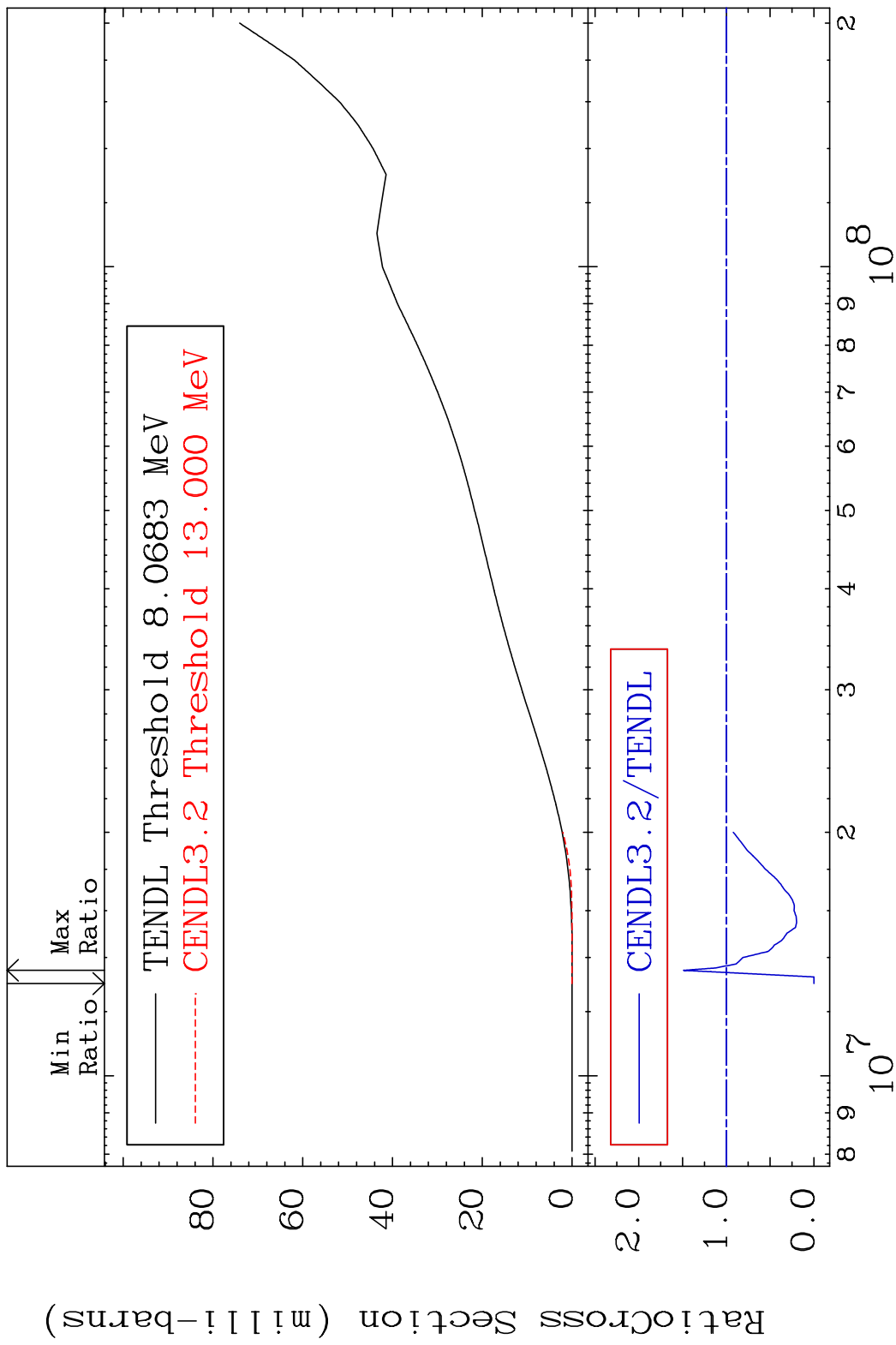
21 Incident Energy (eV) 50-Sn-119

MAT 5046 Deuterium Production 50-Sn-119
 Cross Section -100.0 To 17.63 %



22 50-Sn-119

MAT 5046 Tritium Production 50-Sn-119
 Cross Section -100.0 To 48.96 %



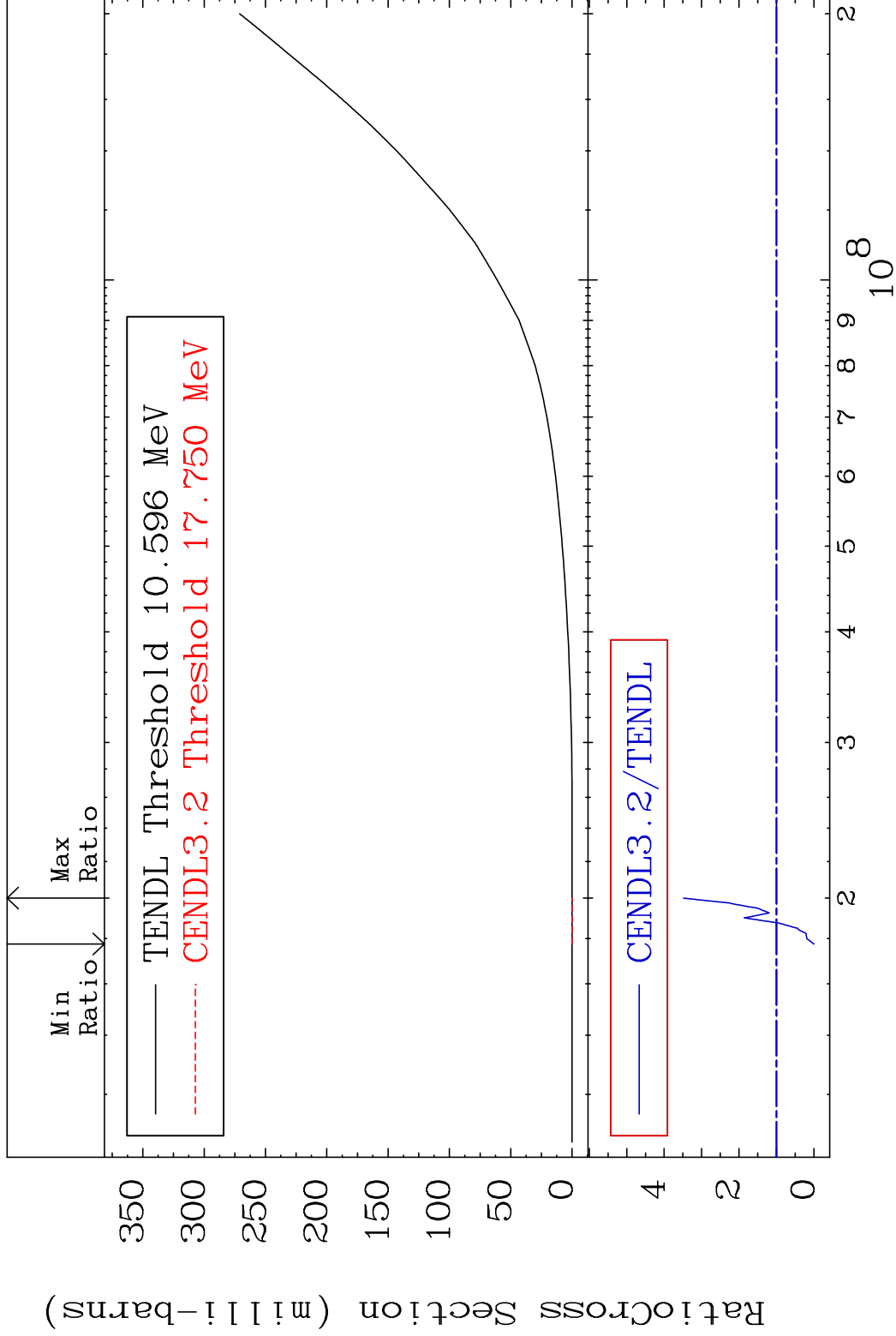
23 Incident Energy (eV) 50-Sn-119

MAT 5046

He-3 Production

50-Sn-119

Cross Section -100.0 To 248.5 %



24

Incident Energy (eV)

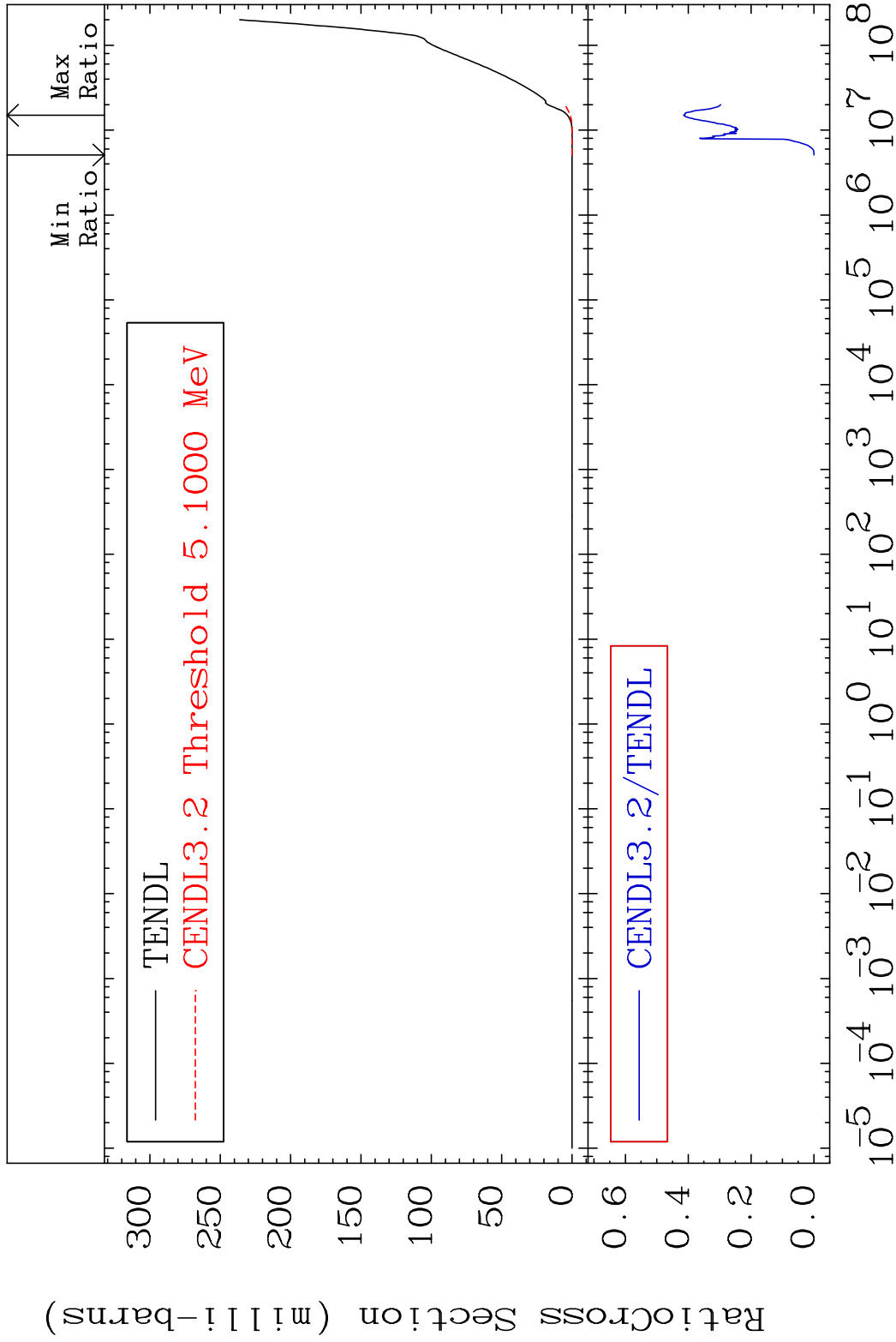
50-Sn-119

MAT 5046

He-4 Production

50-Sn-119

Cross Section -100.0 To -58.49%

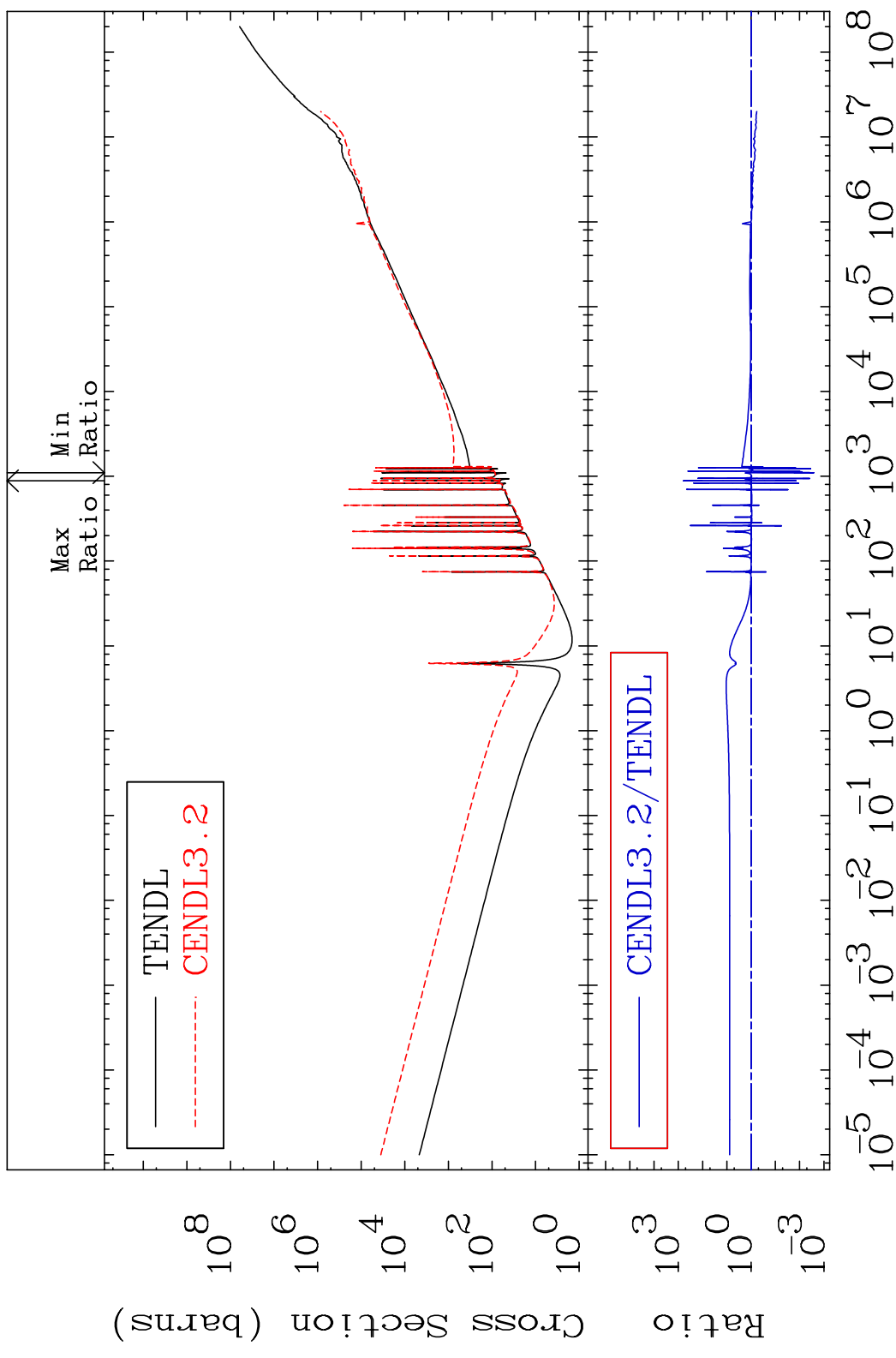


25

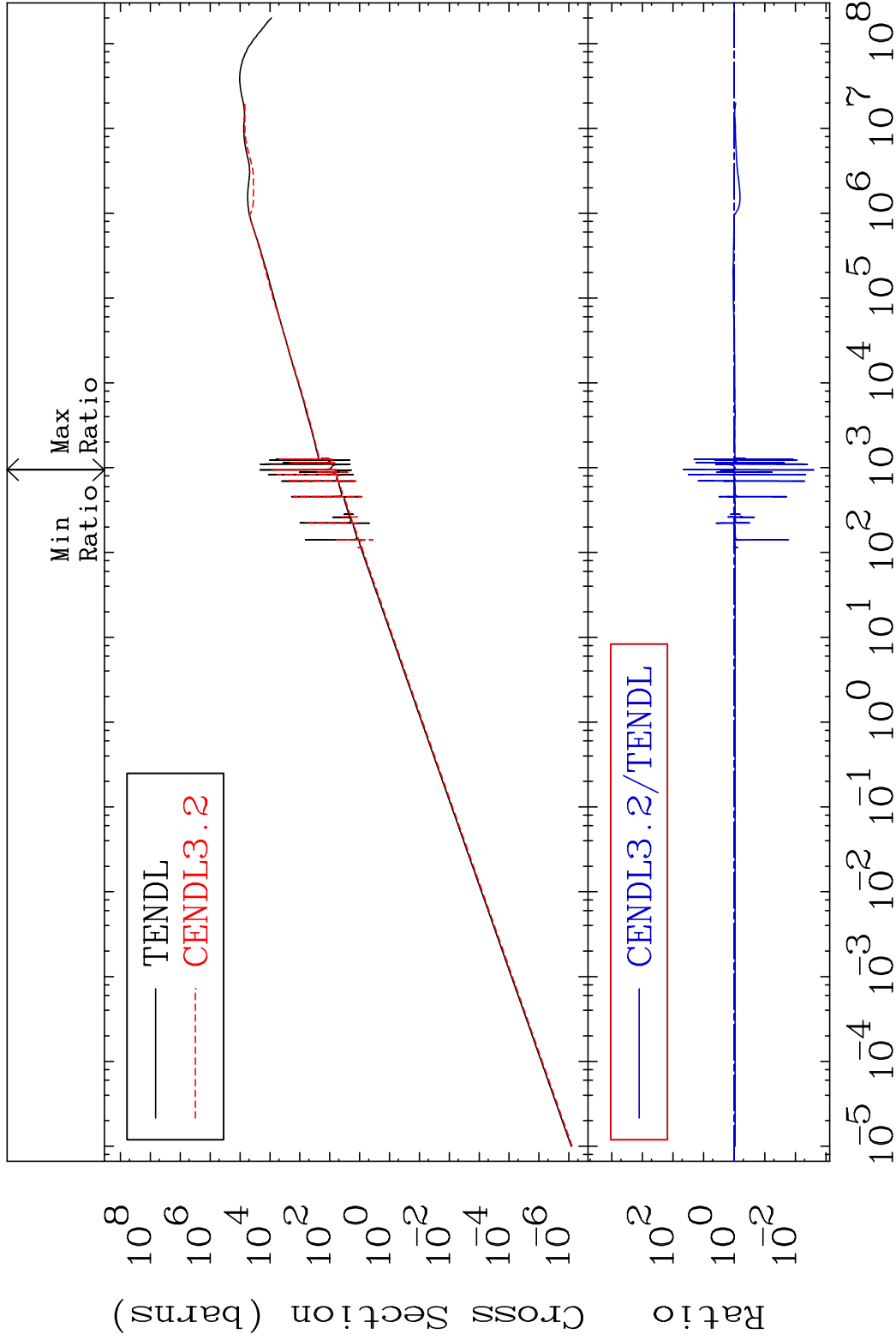
Incident Energy (eV)

50-Sn-119

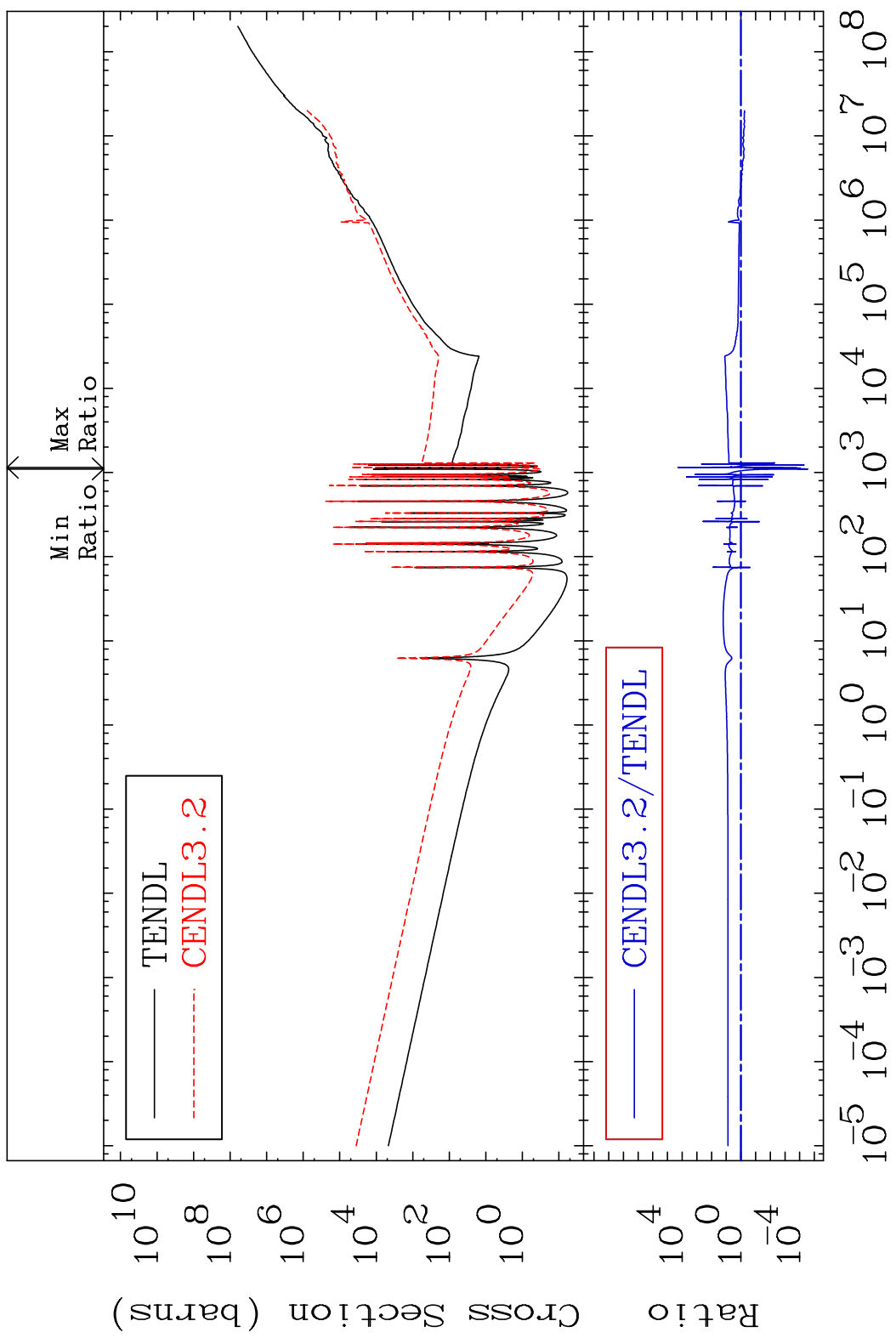
MAT 5046 Kerma total (eV-barns) 50-Sn-119
 Cross Section -99.74 To 9999. %



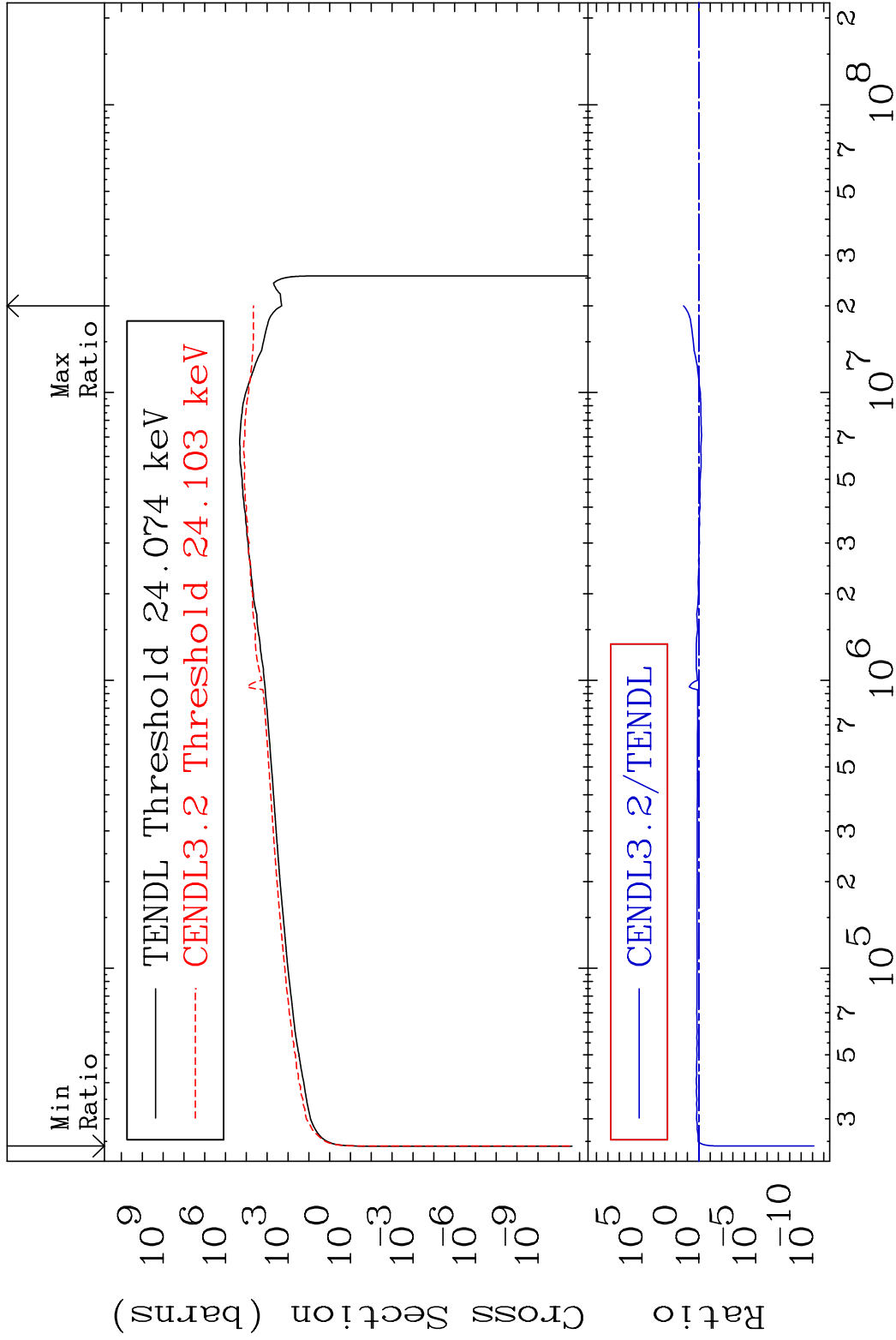
MAT 5046 Kerma elastic Cross Section 50-Sn-119 -99.75 To 4431. %



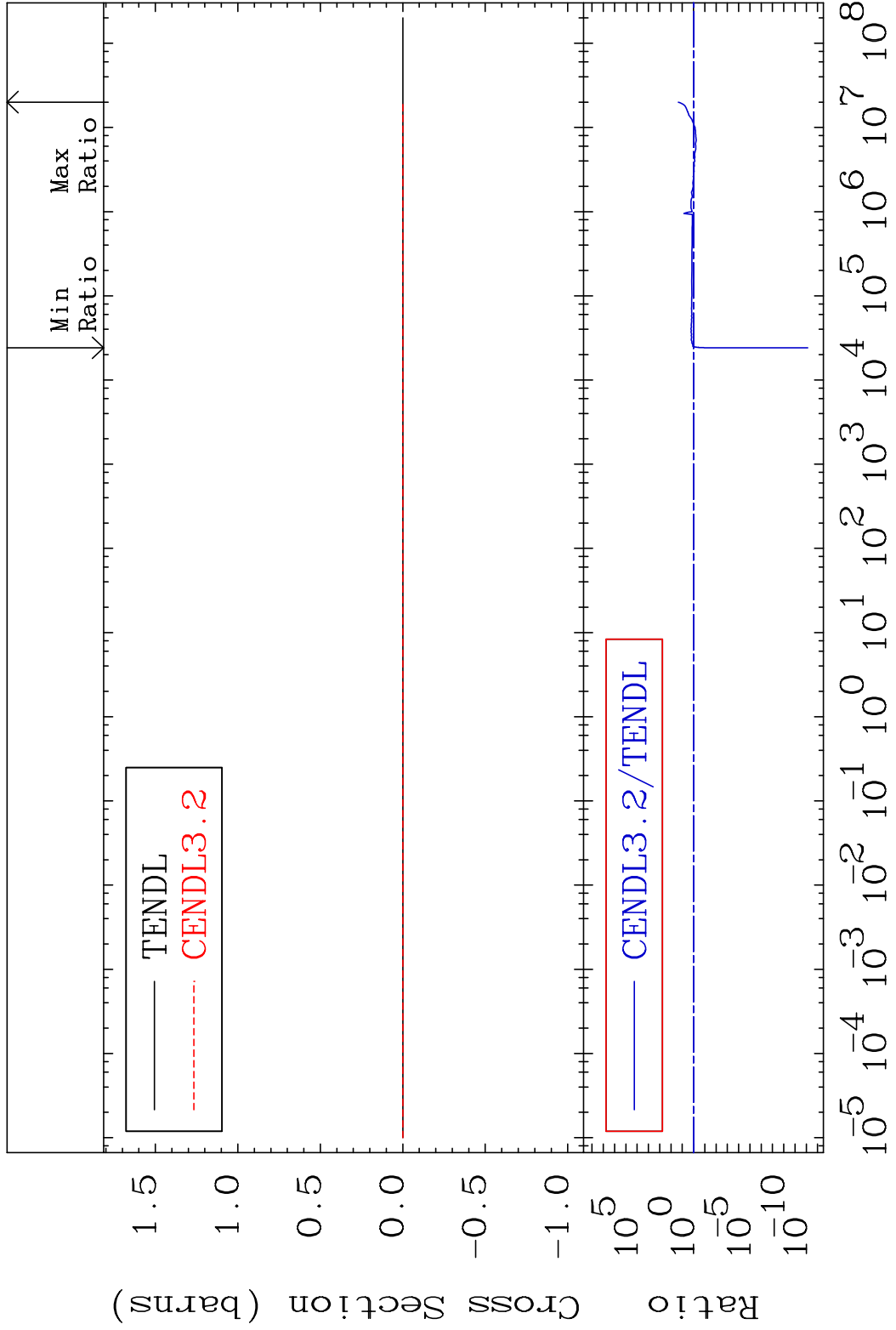
MAT 5046 Kerma non-elastic (all but mt2) 50-Sn-119
 Cross Section -100.0 To 9999. %



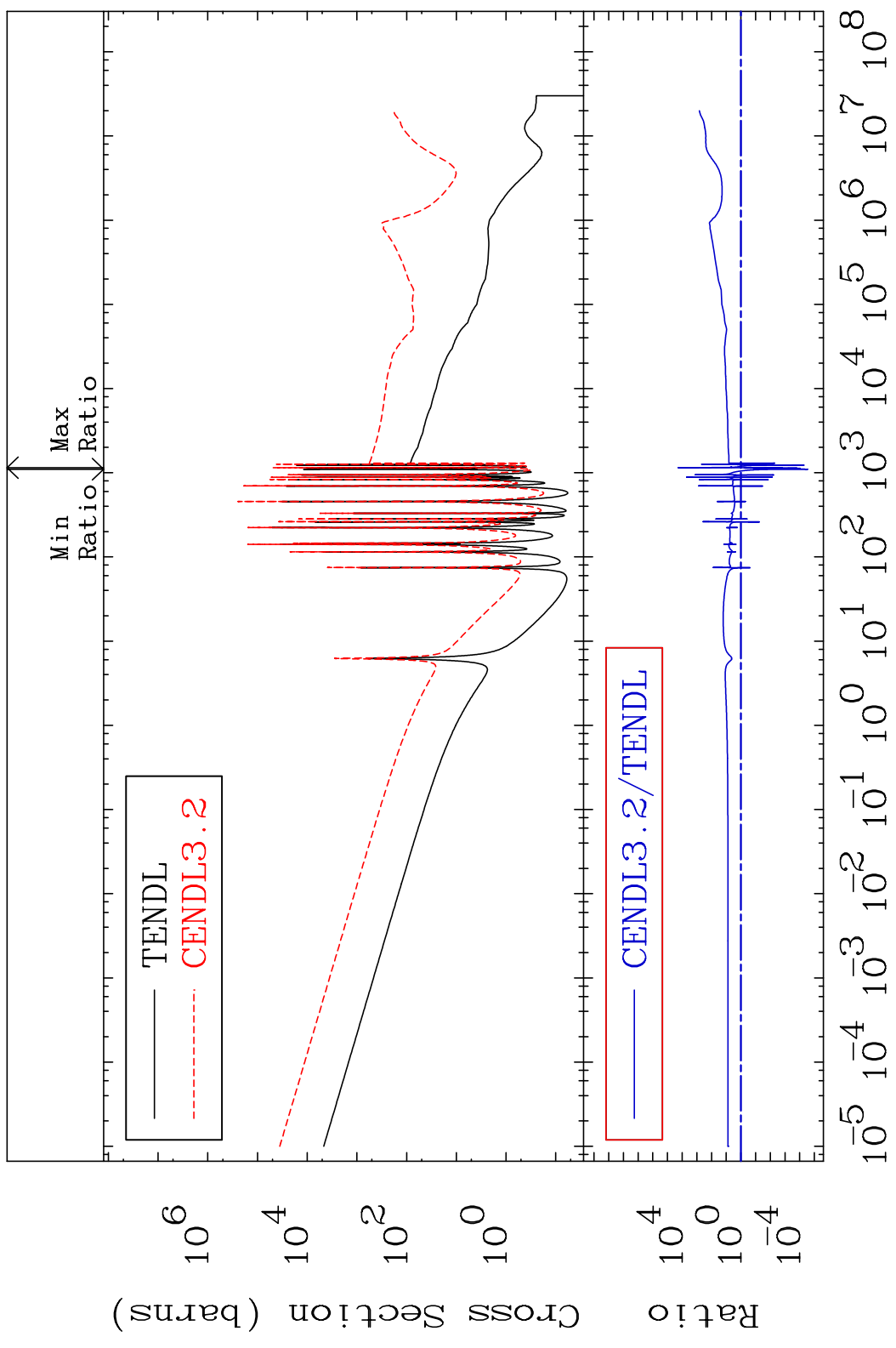
MAT 5046 Kerma inelastic (mt51-91) 50-Sn-119
 Cross Section -100.0 To 2156. %



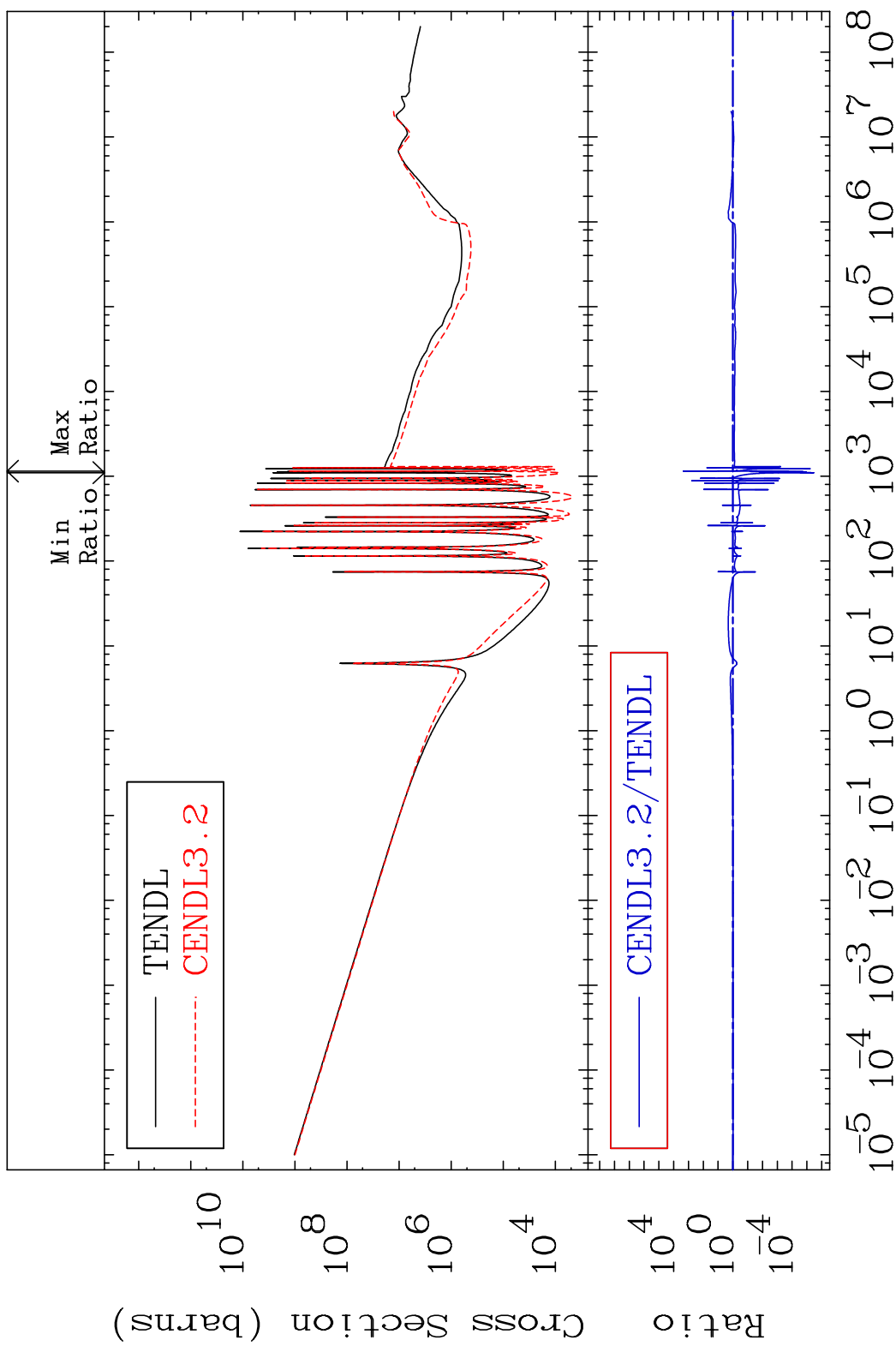
MAT 5046 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-119
 Cross Section -100.0 To 2156. %



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

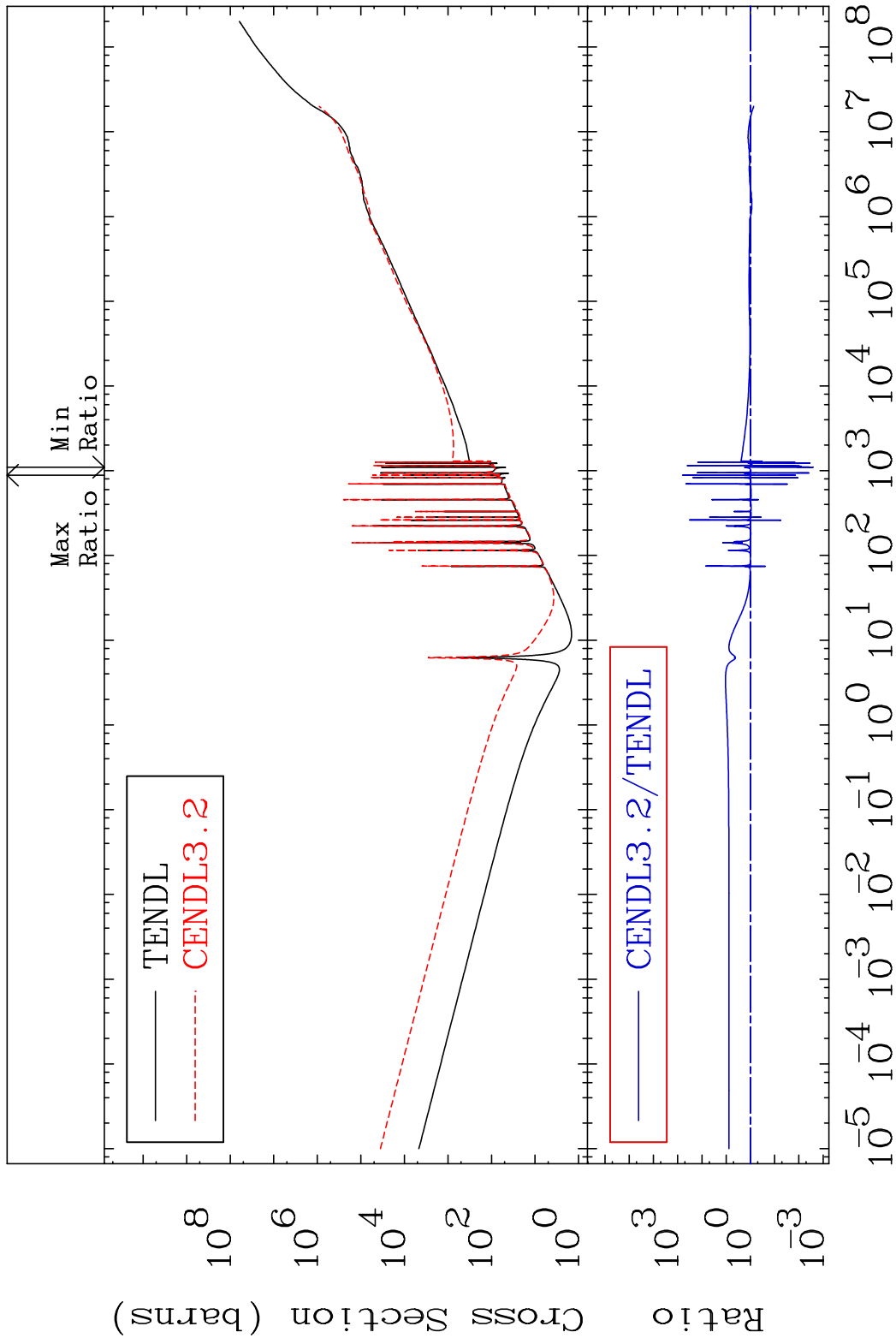


MAT 5046 Total photon (eV-barns) 50-Sn-119
 Cross Section -100.0 To 9999. %

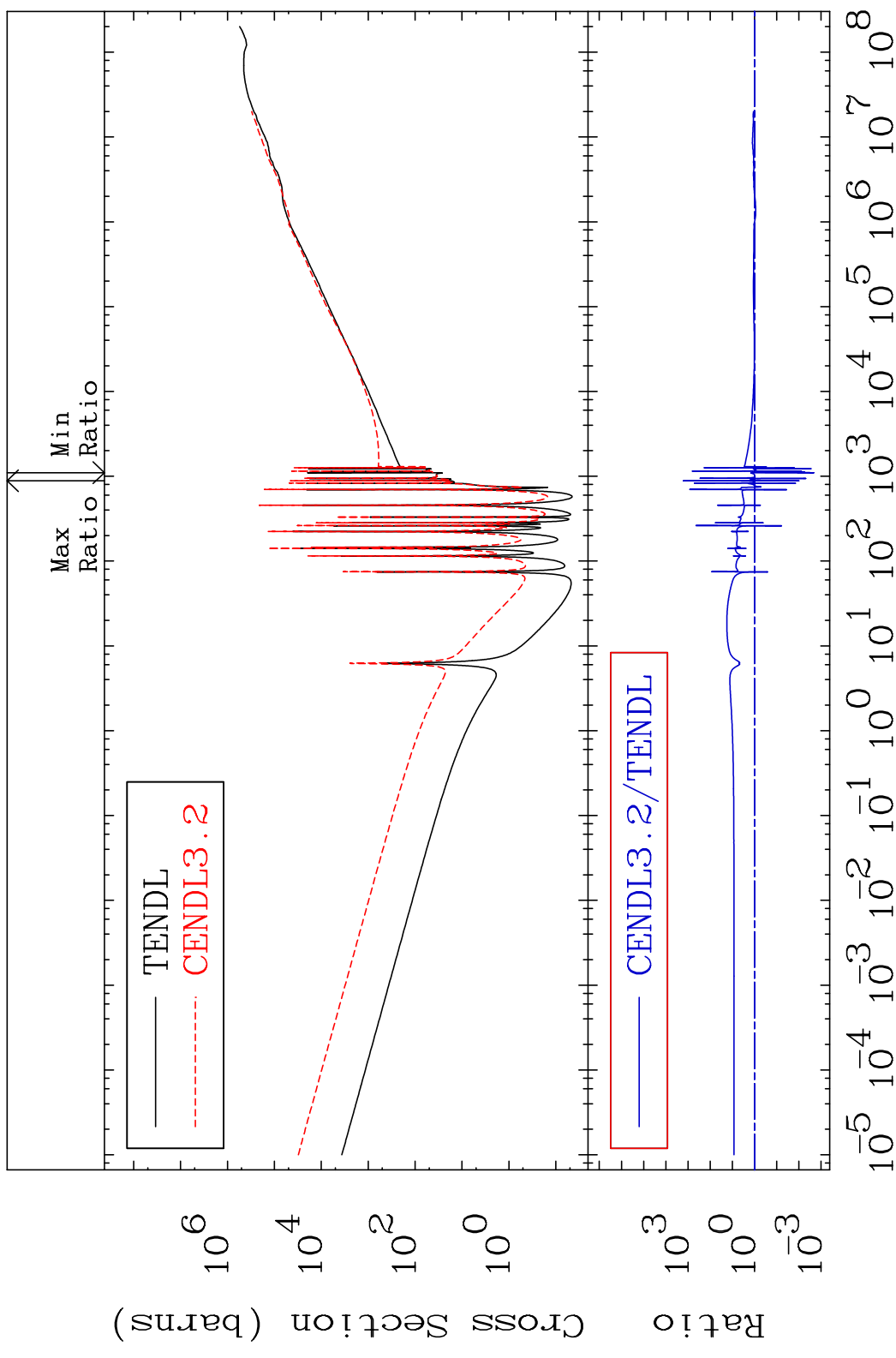


32 Incident Energy (eV) 50-Sn-119

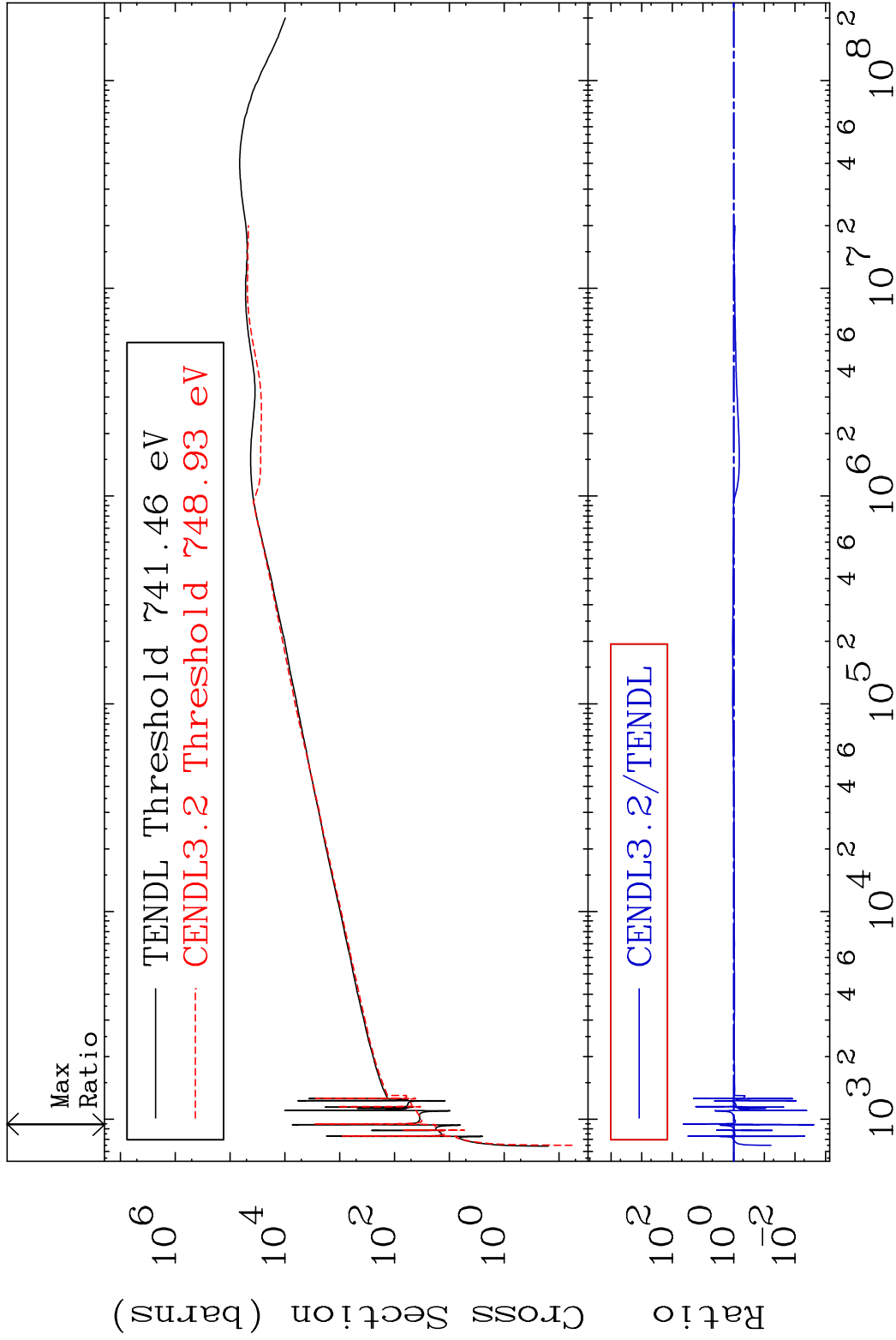
MAT 5046 Total kinematic kerma (high limit) 50-Sn-119
 Cross Section -99.74 To 9999. %



MAT 5046 Dpa total (eV-barns) 50-Sn-119
 Cross Section -99.79 To 9999. %

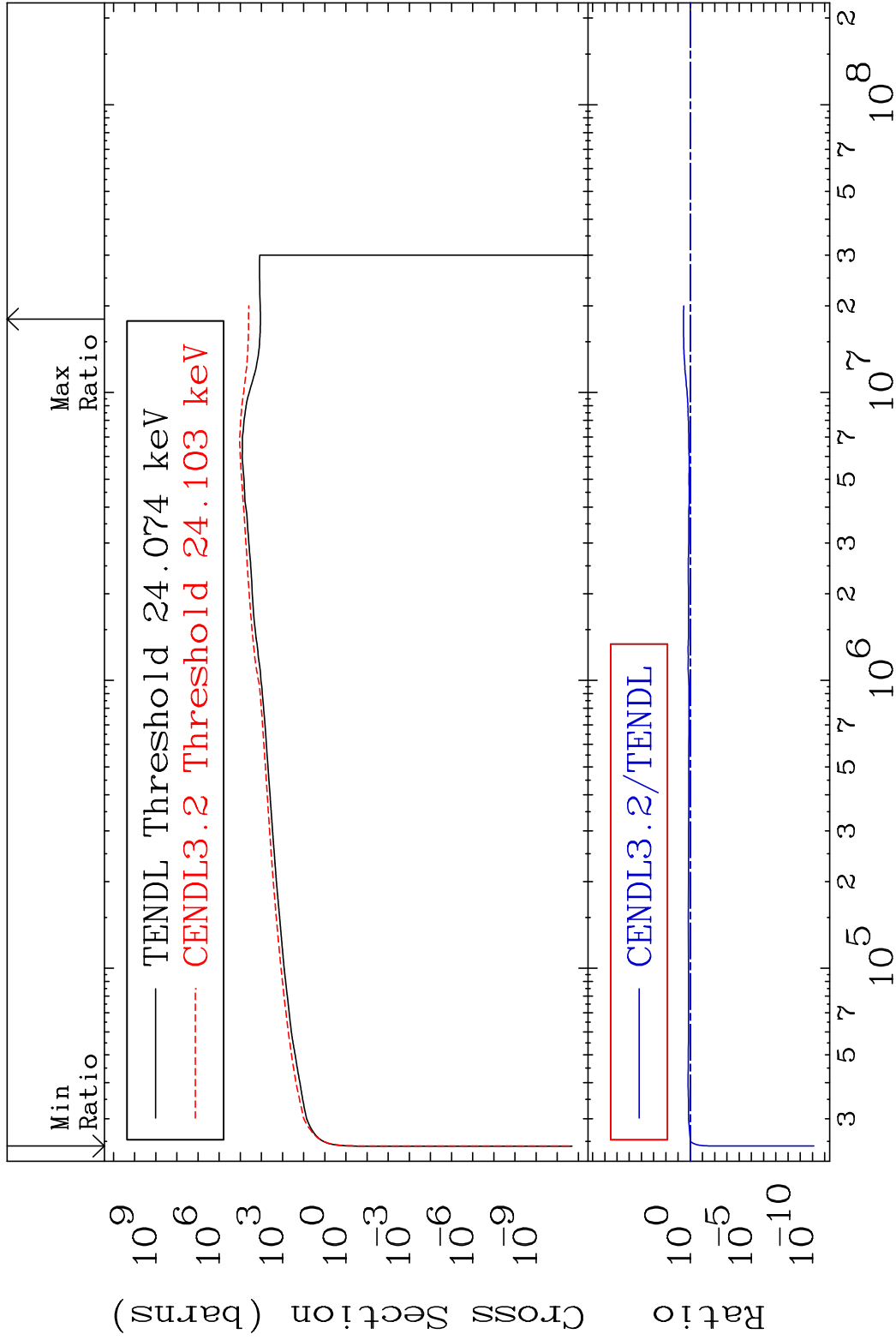


MAT 5046 Dpa elastic (mt2) 50-Sn-119
 Cross Section -99.76 To 4254. %

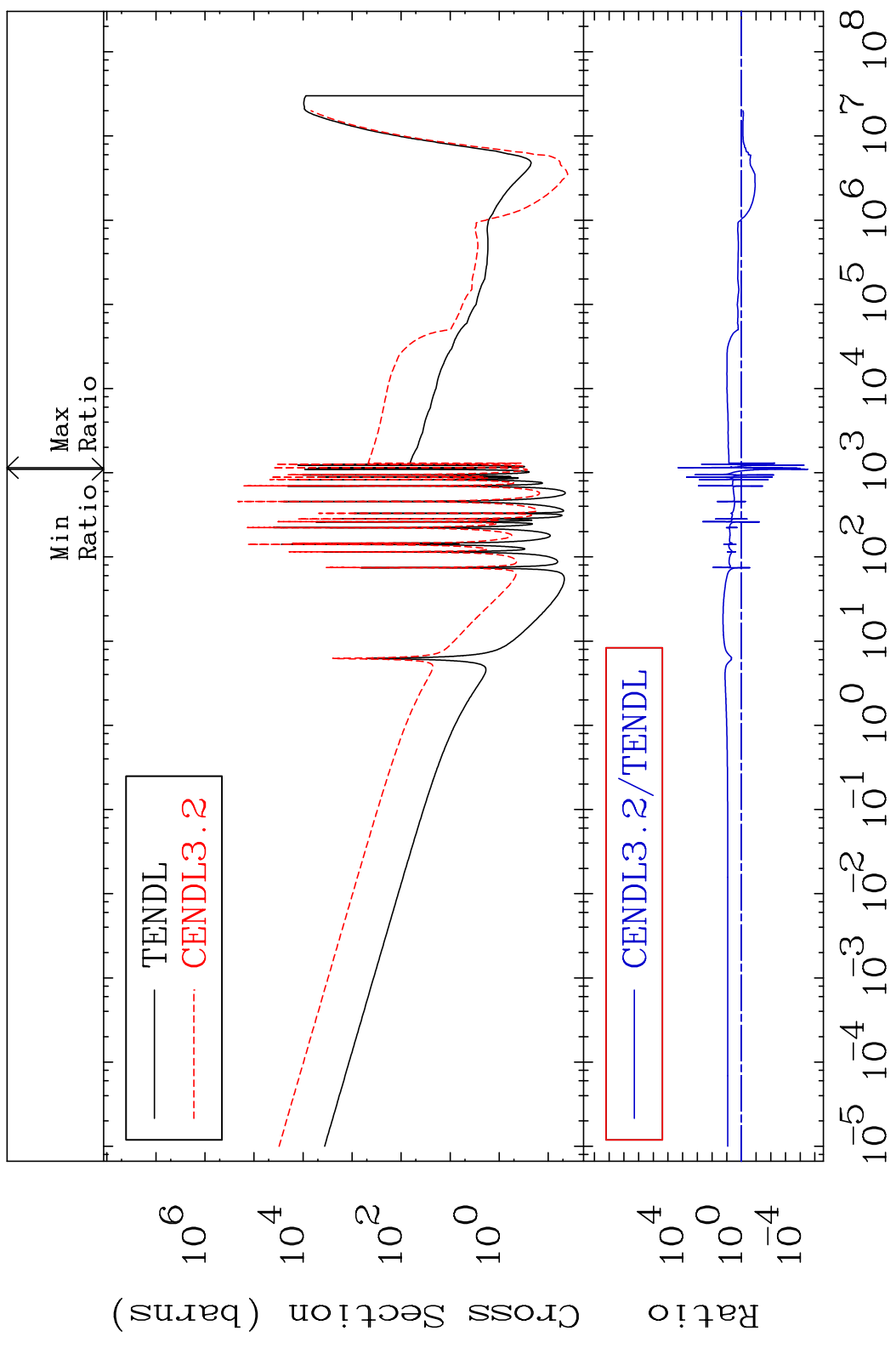


35 Incident Energy (eV) 50-Sn-119

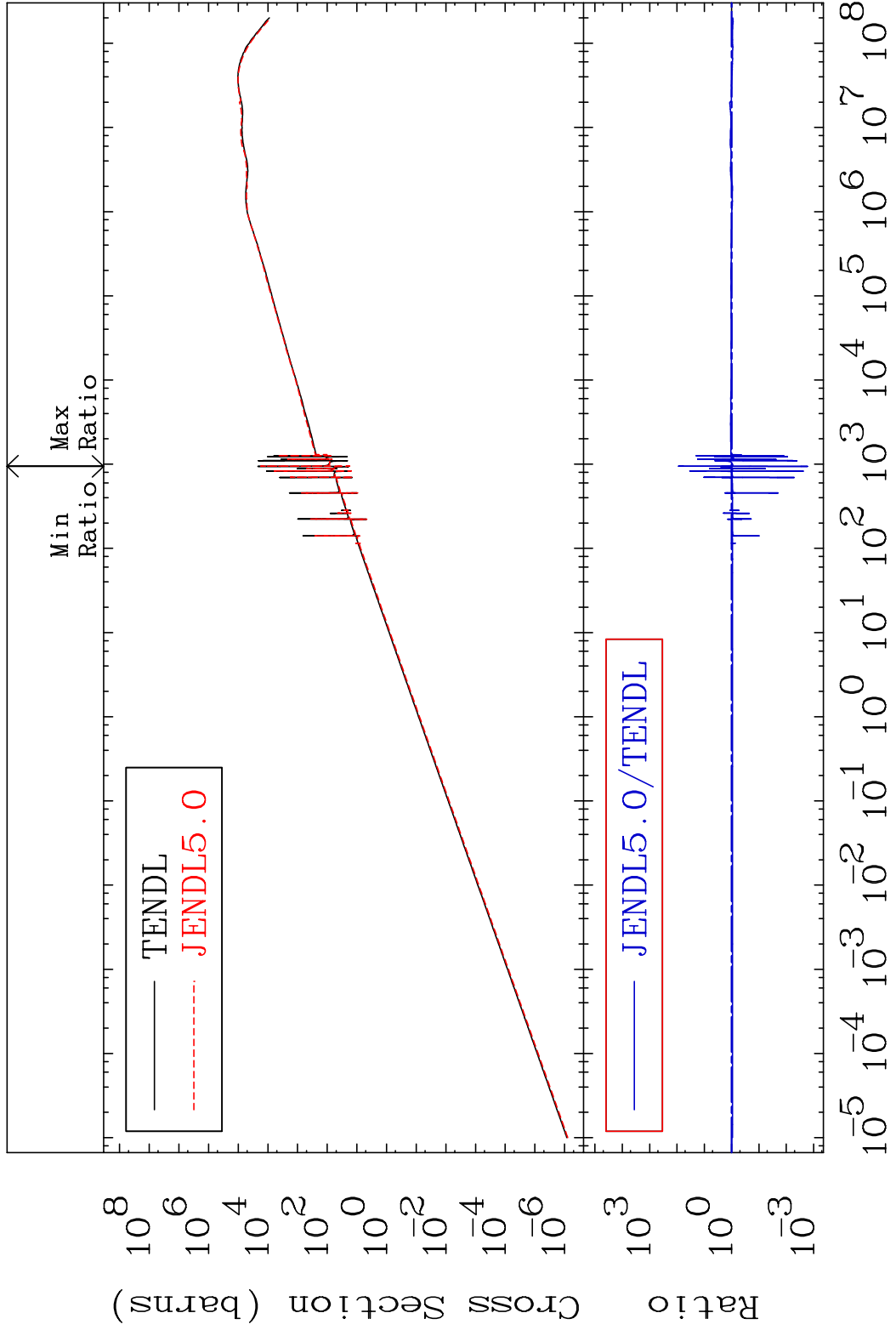
MAT 5046 Dpa inelastic (mt51-91) 50-Sn-119
 Cross Section -100.0 To 263.8 %



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

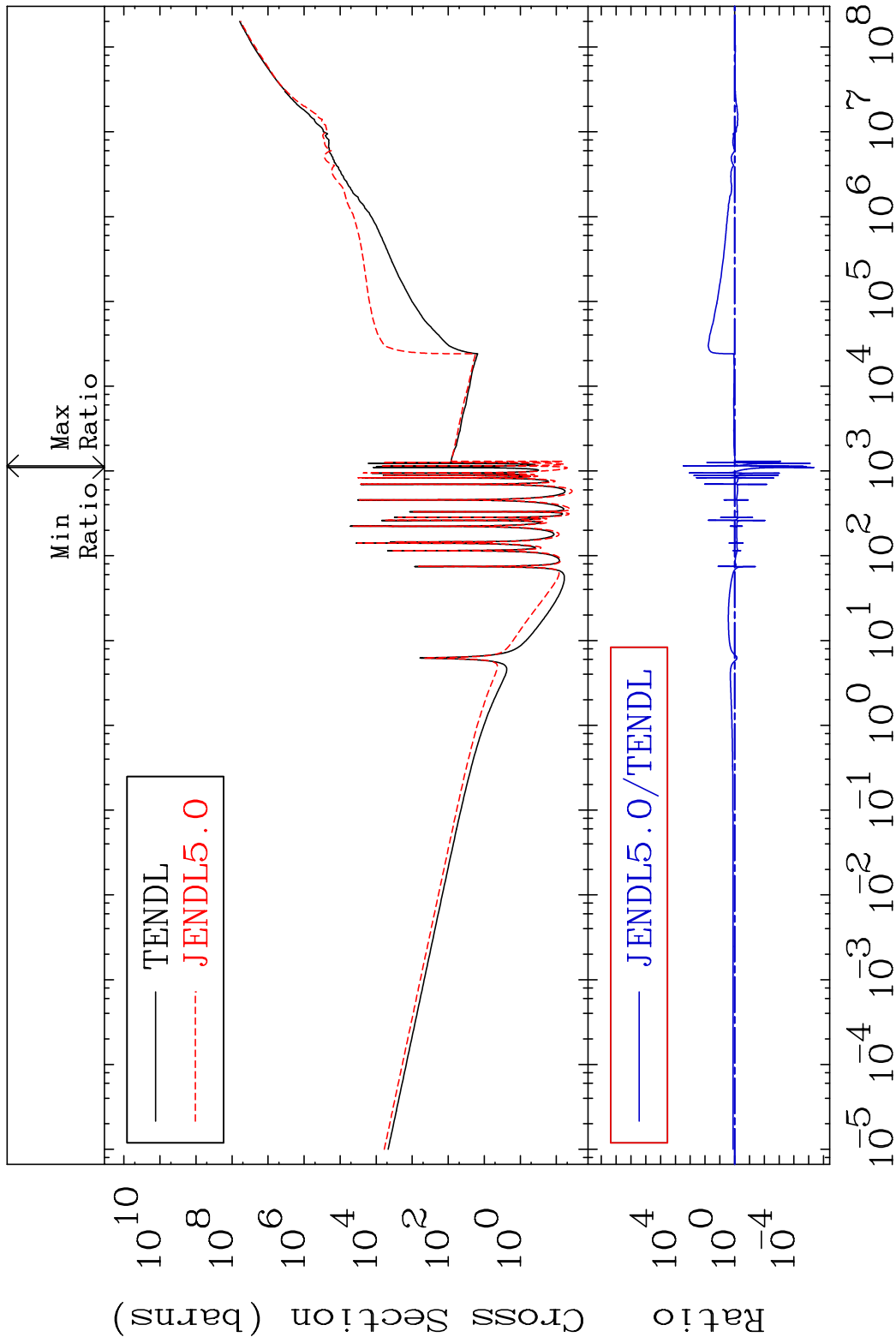


MAT 5046 Kerma elastic 50-Sn-119
 Cross Section -99.84 To 8872. %

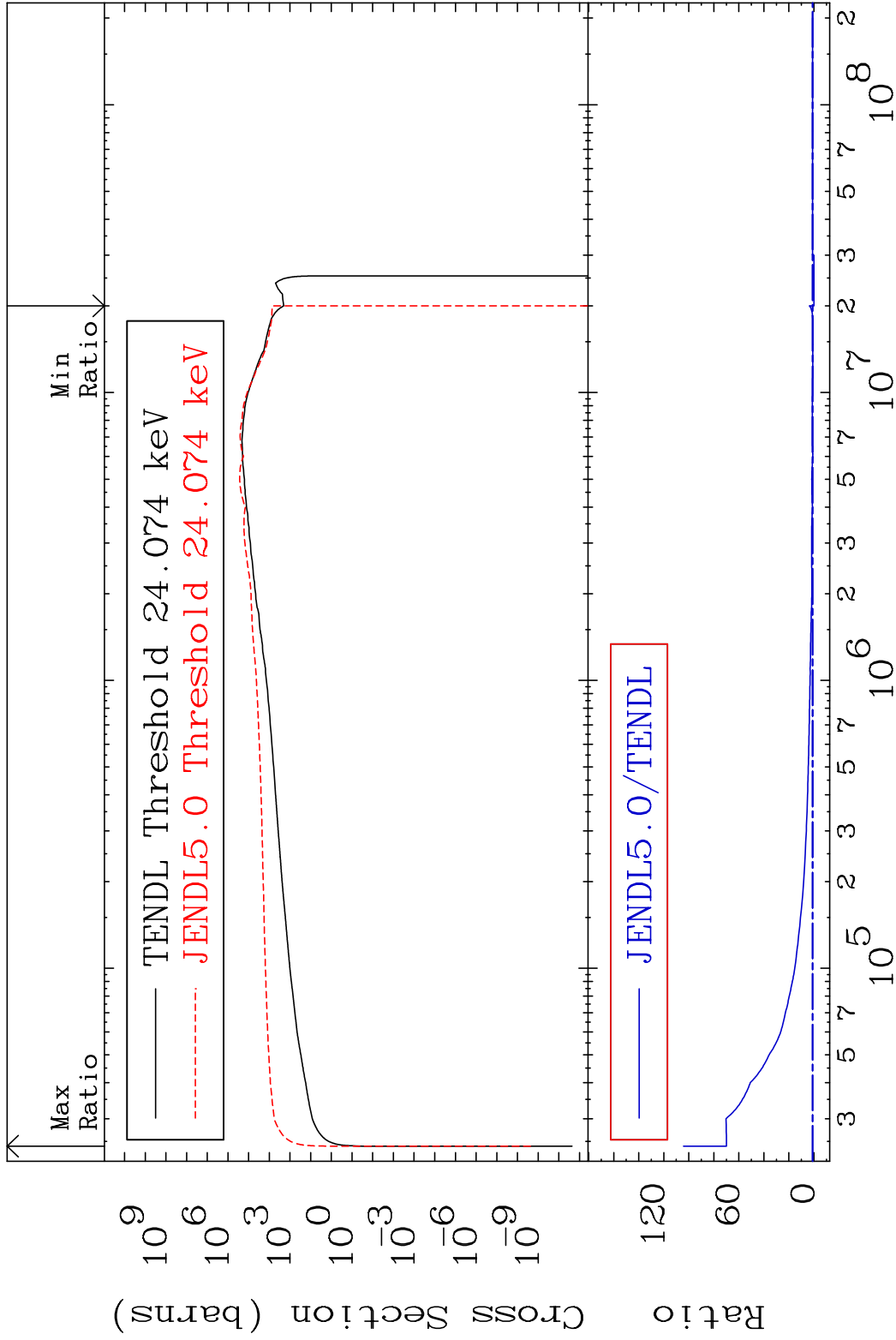


38 Incident Energy (eV) 50-Sn-119

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

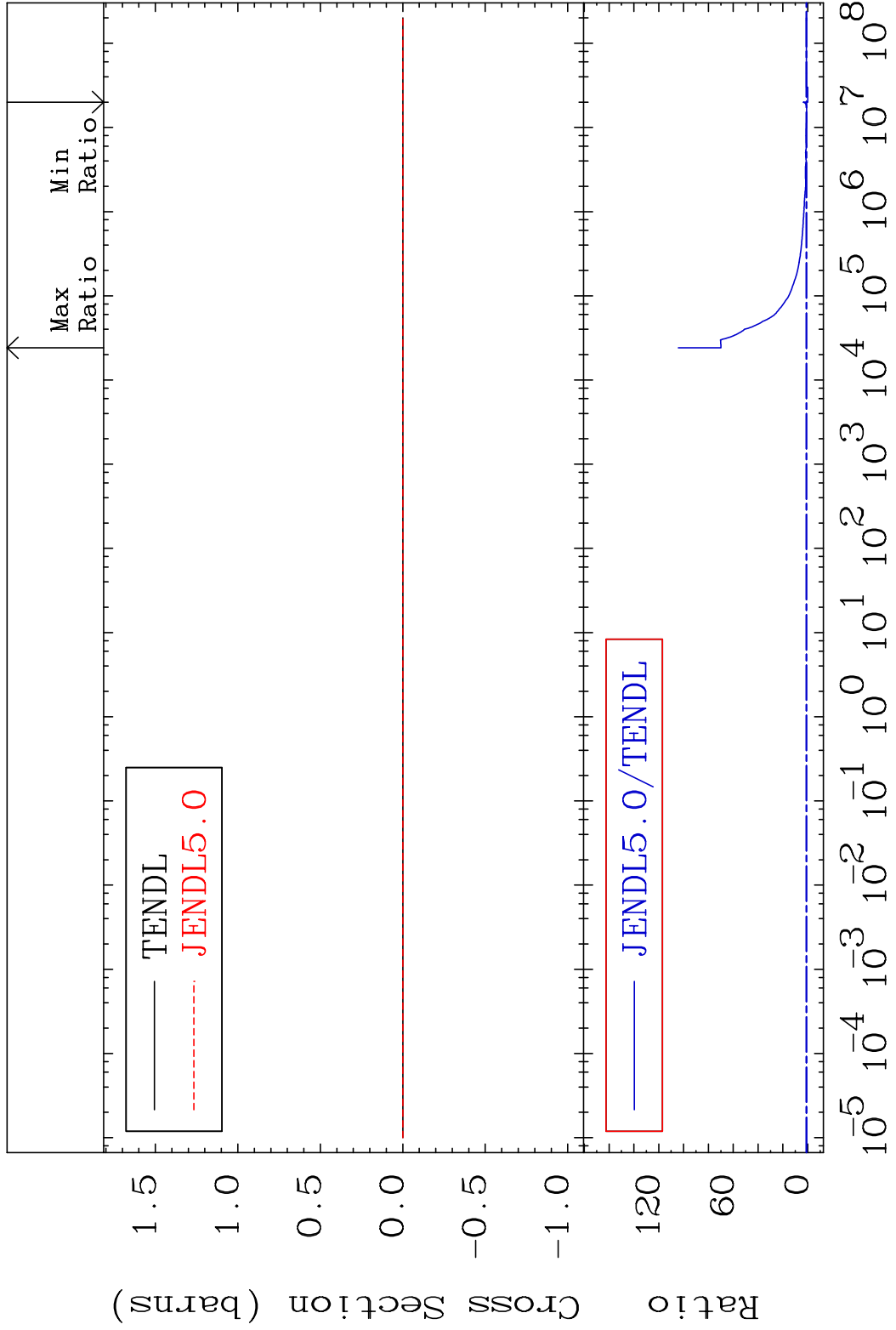


MAT 5046 Kerma inelastic (mt51-91) 50-Sn-119
 Cross Section -100.0 To 9999. %

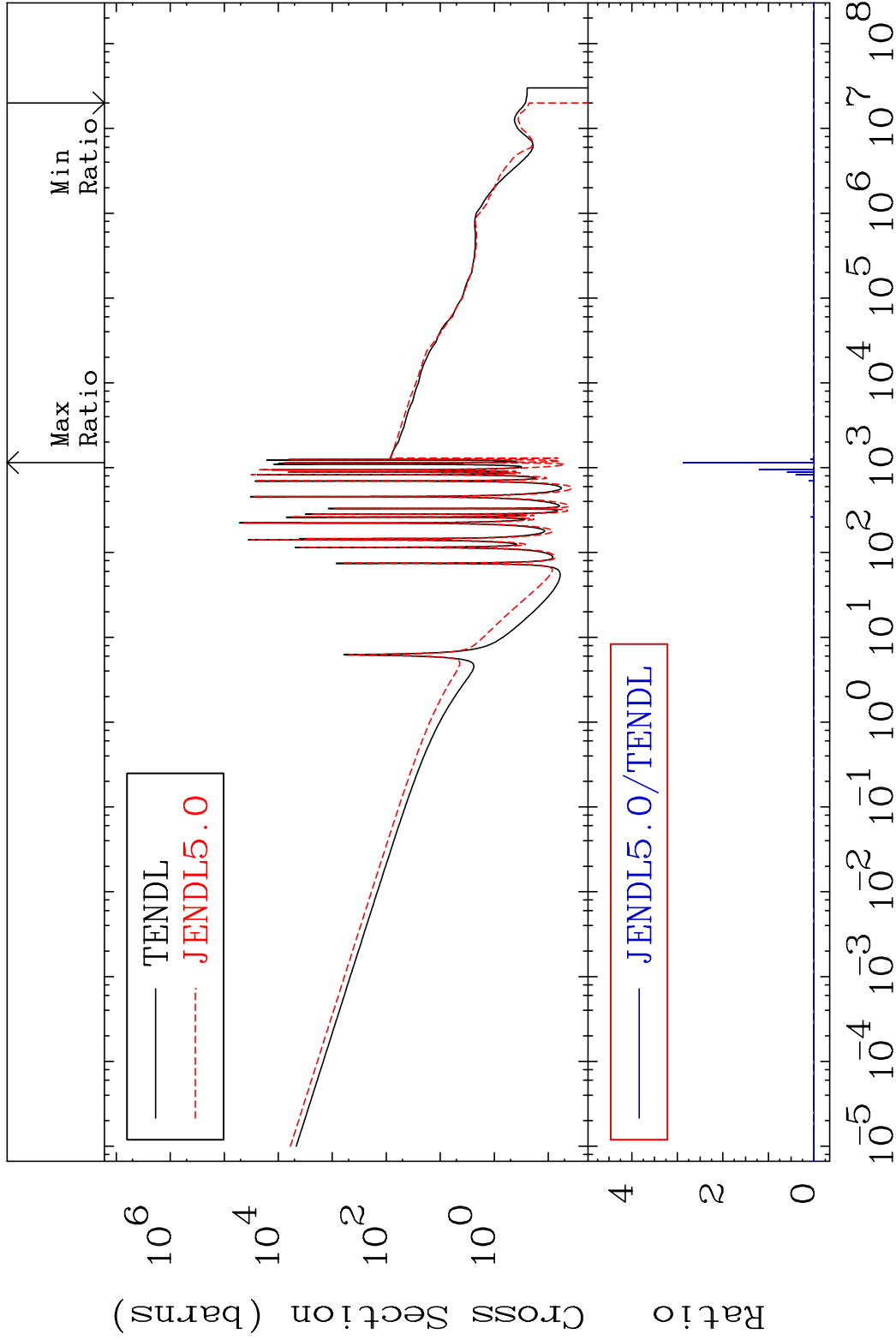


40 Incident Energy (eV) 50-Sn-119

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

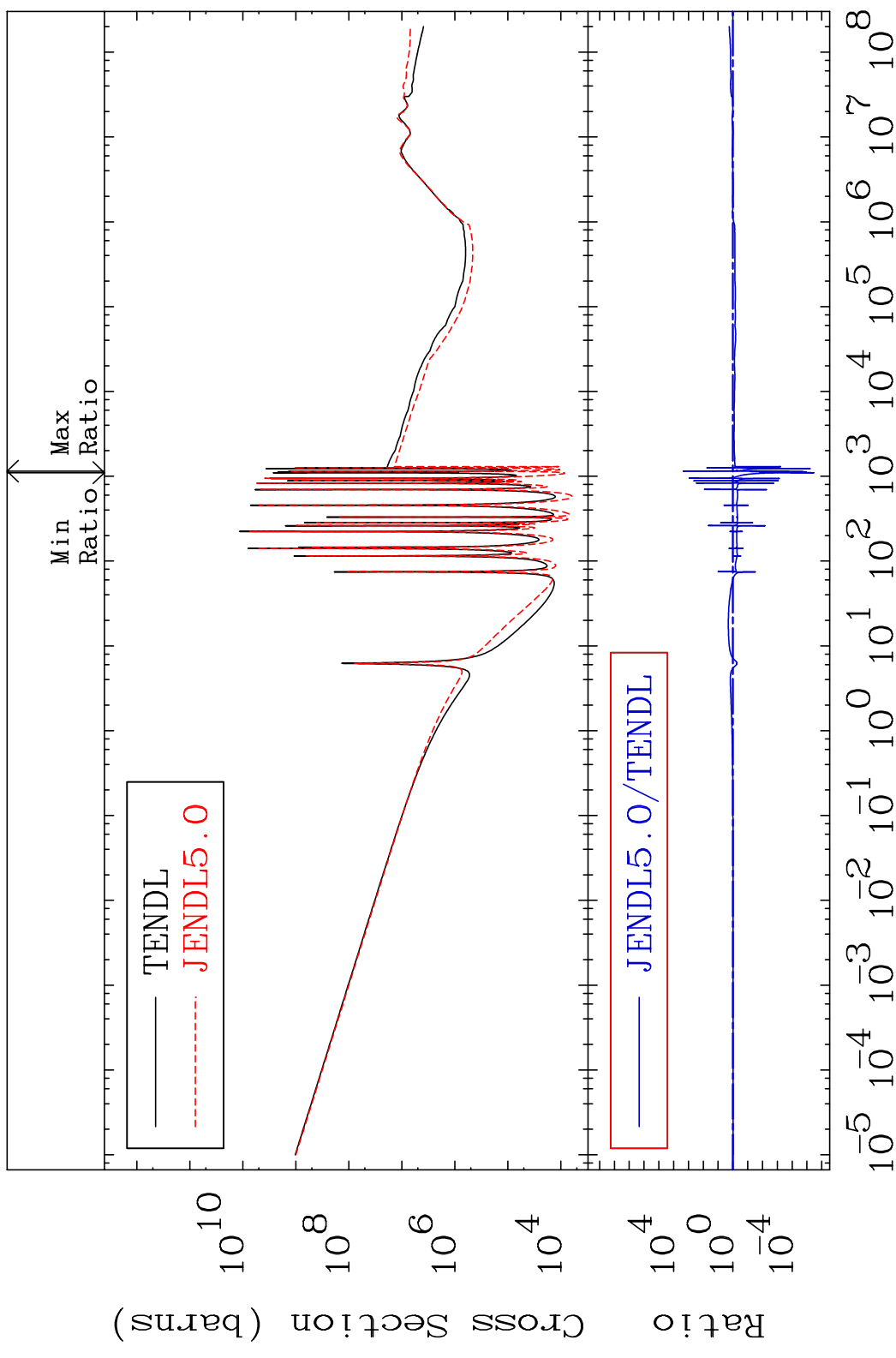


MAT 5046 Kerma capture (mt102) 50-Sn-119
 Cross Section -100.0 To 9999. %

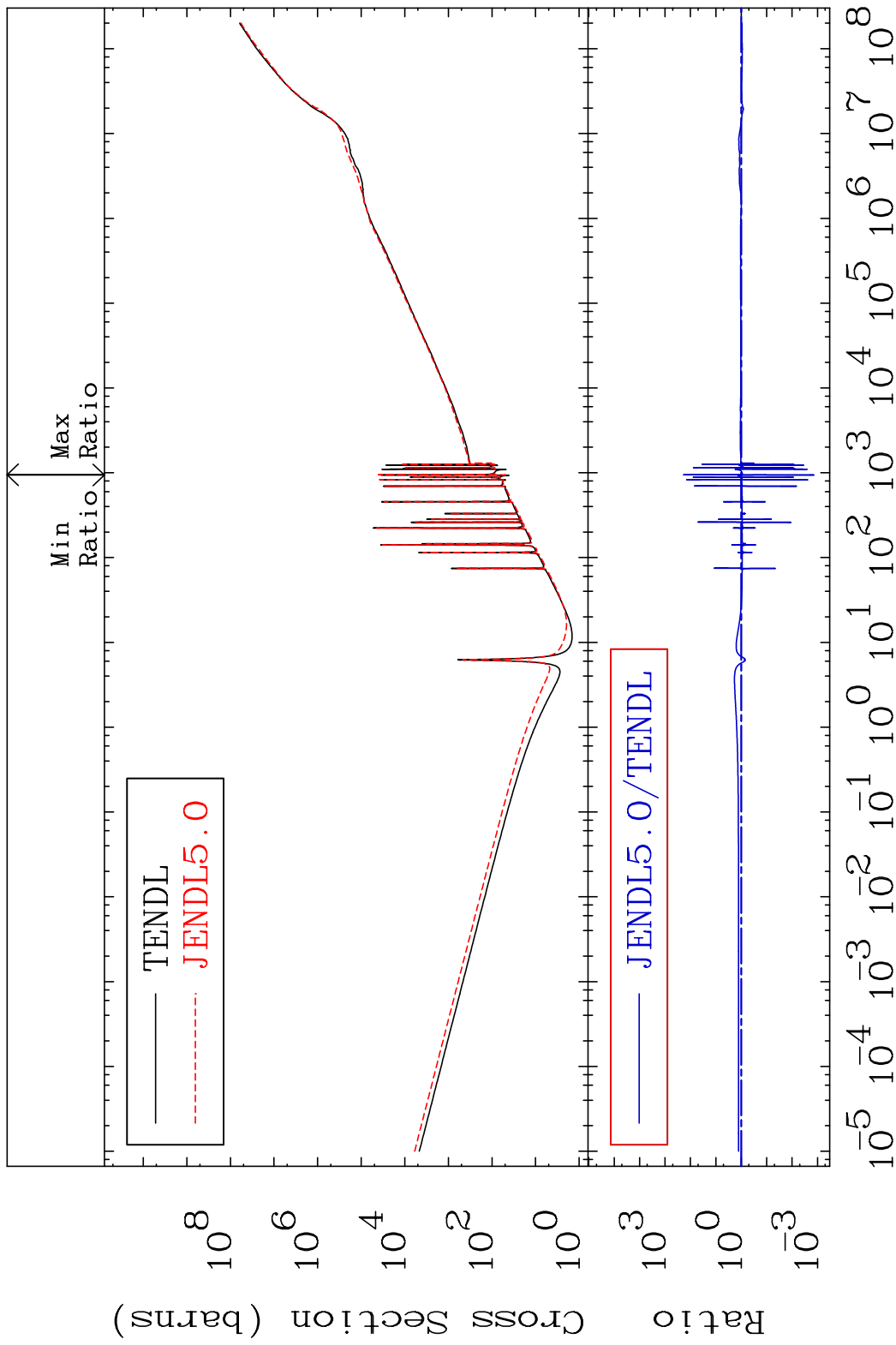


42 Incident Energy (eV) 50-Sn-119

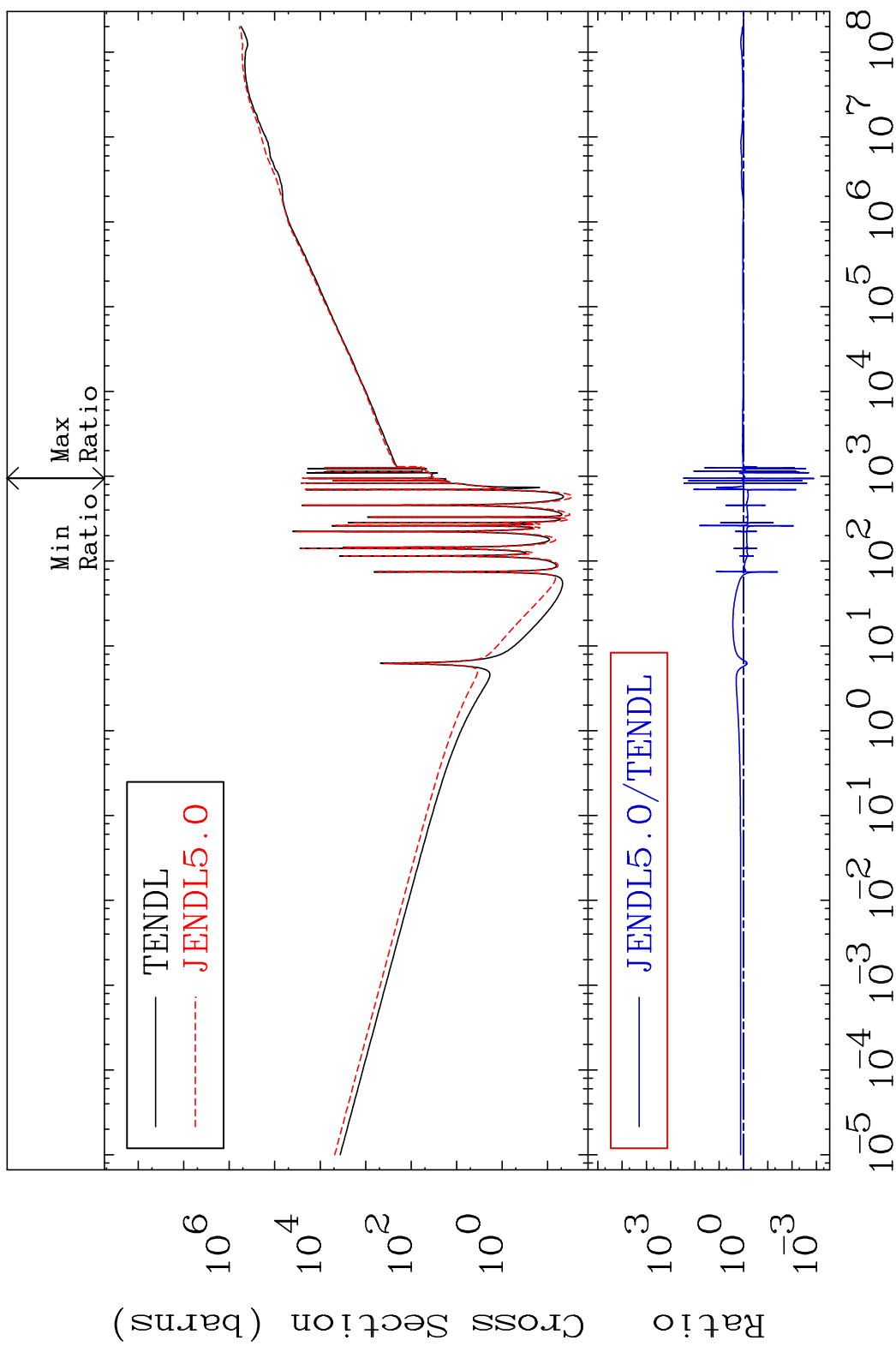
MAT 5046 Total photon (eV-barns) 50-Sn-119
 Cross Section -100.0 To 9999. %



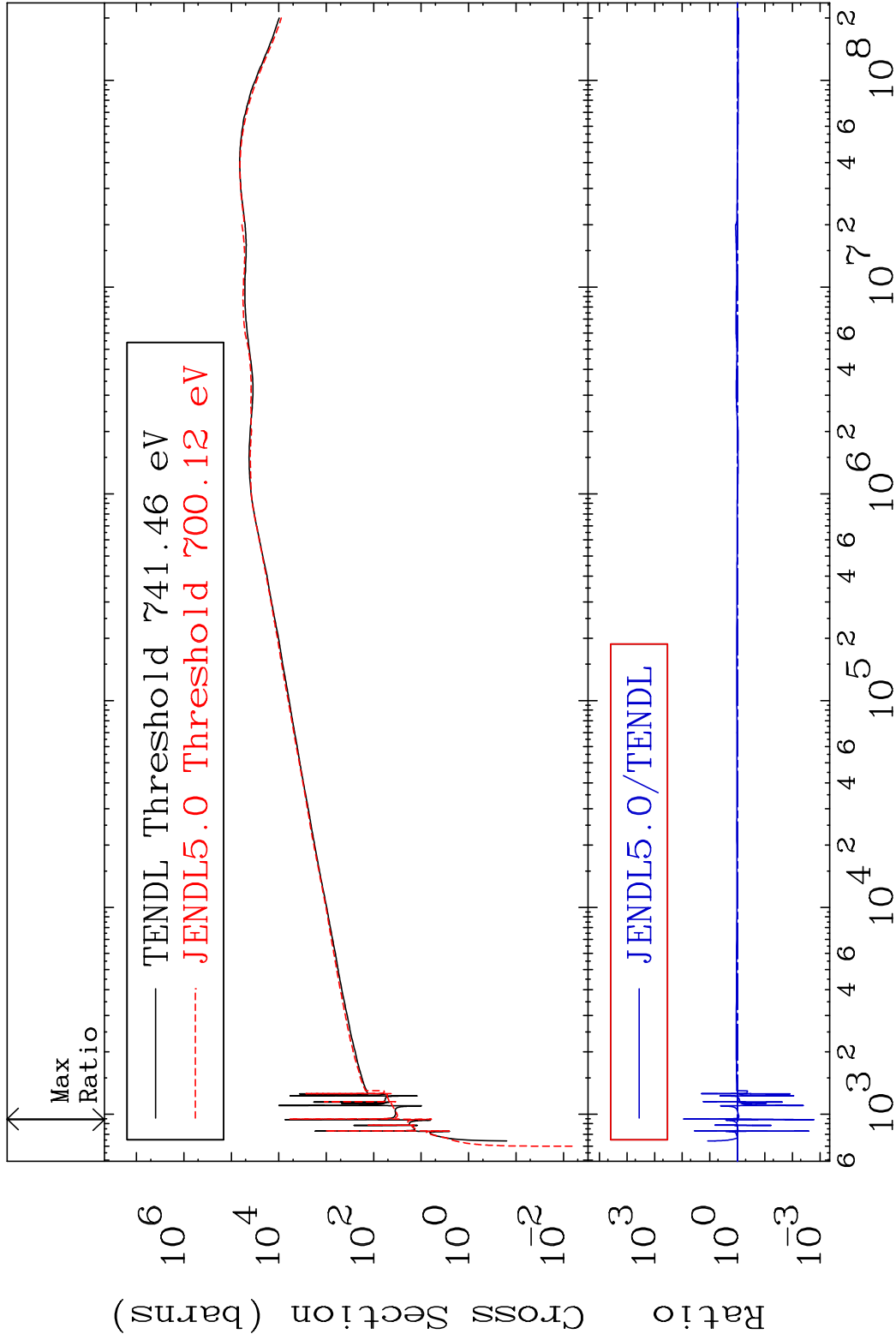
MAT 5046 Total kinematic kerma (high limit) 50-Sn-119
 Cross Section -99.86 To 9999. %



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

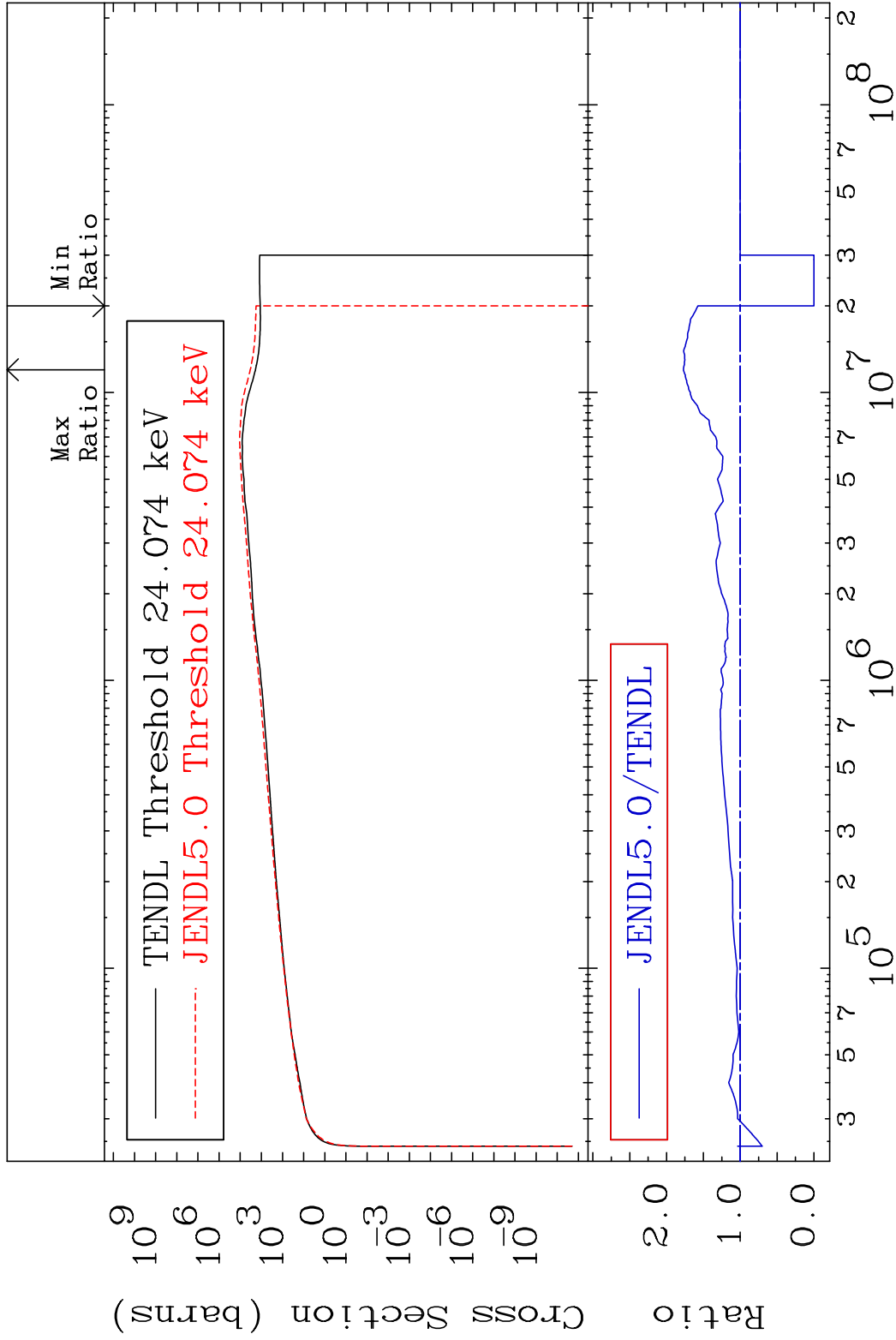


MAT 5046 Dpa elastic (mt2) 50-Sn-119
Cross Section -99.83 To 8911. %

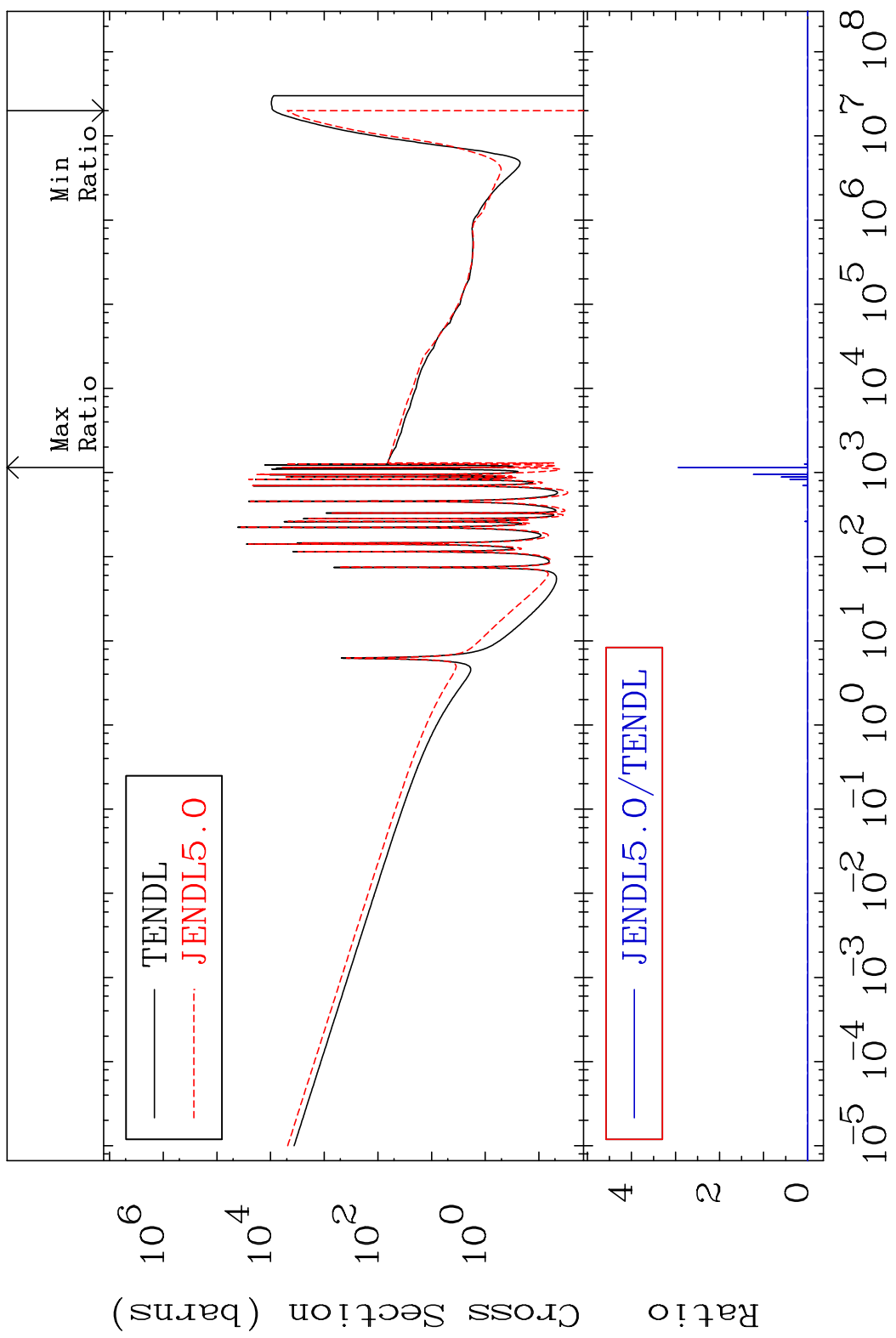


46 Incident Energy (eV) 50-Sn-119

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

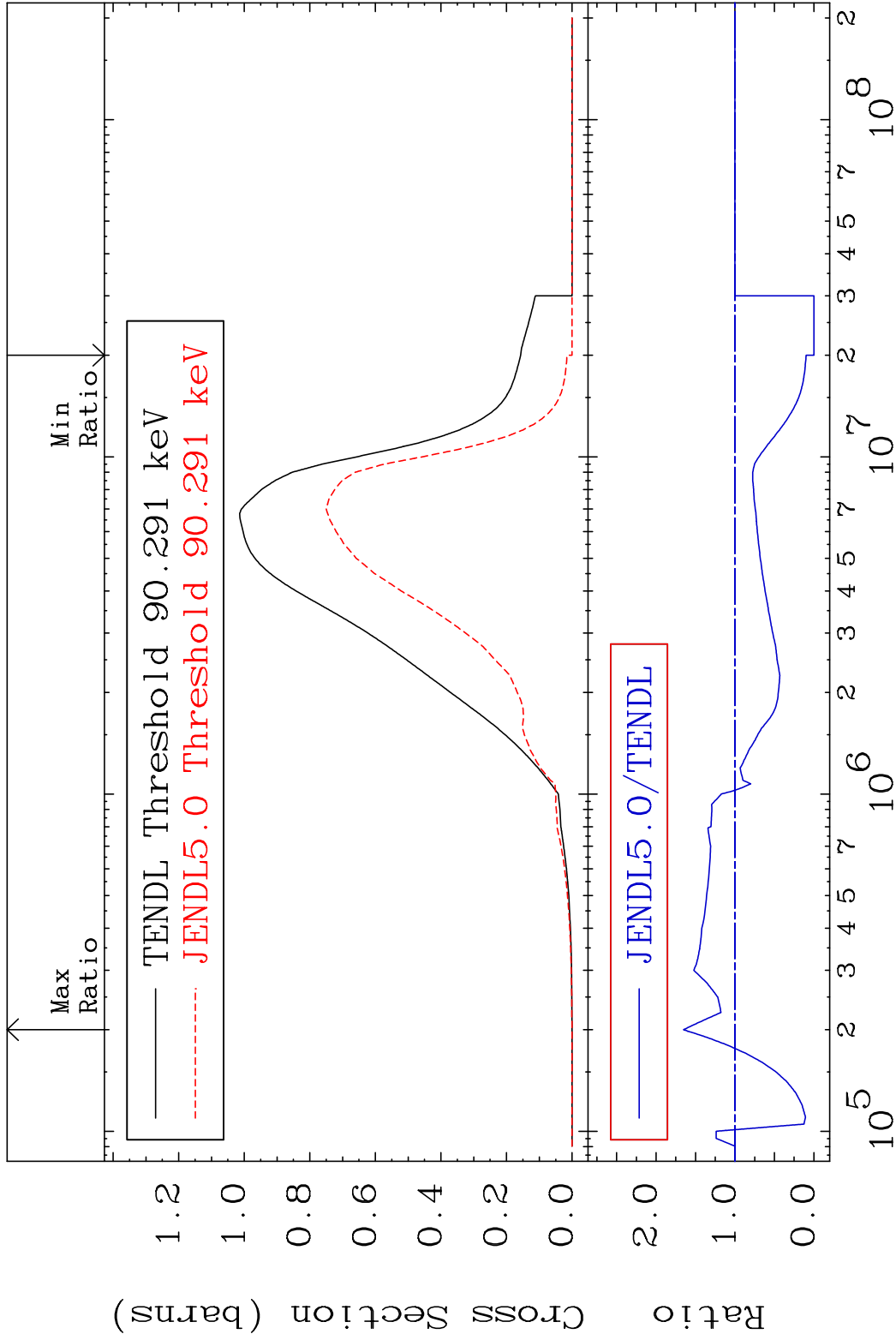


MAT 5046 Dpa disappearance (mt102 -120) 50-Sn-119
 Cross Section -100.0 To 9999. %



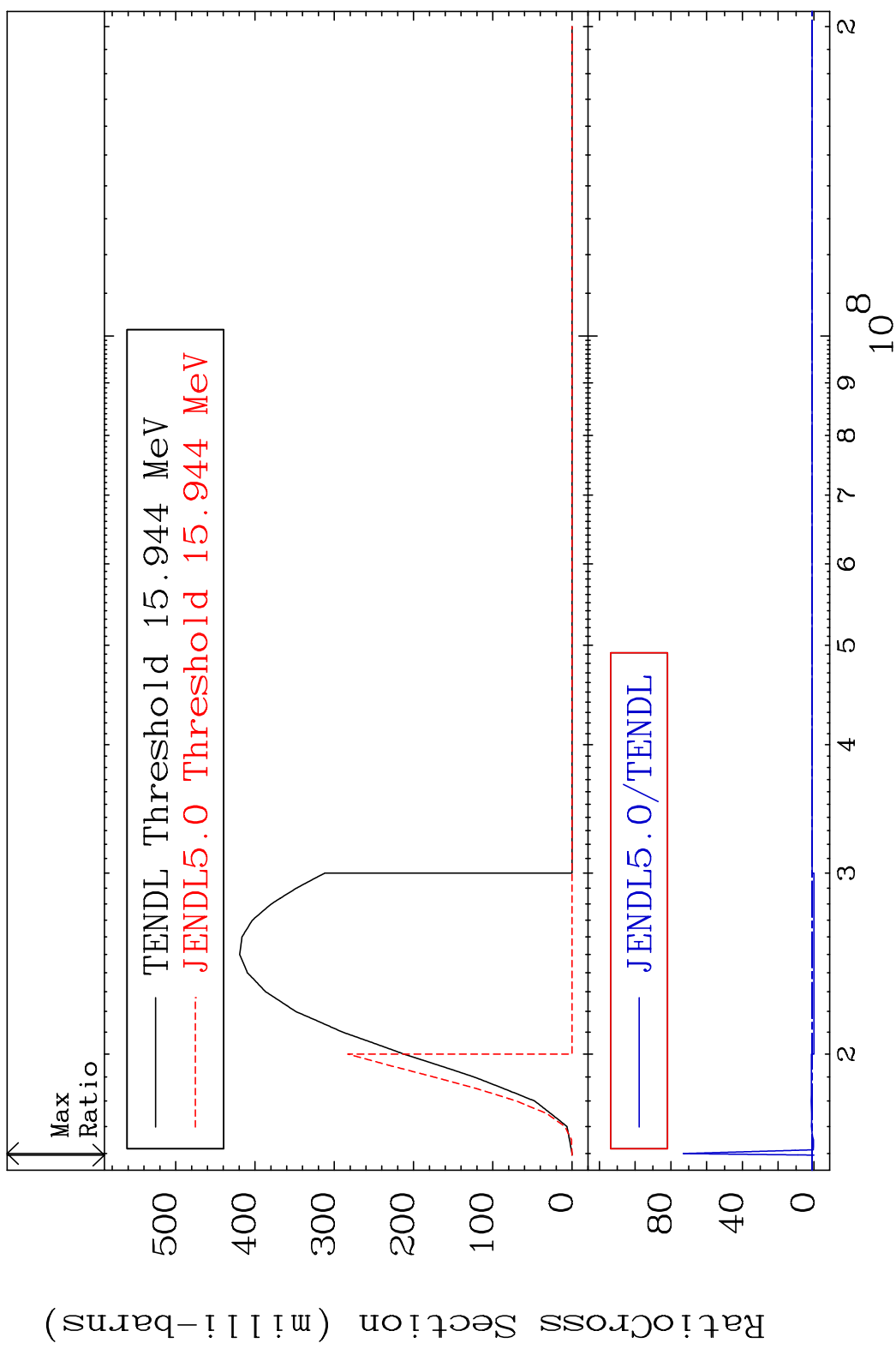
48 Incident Energy (eV) 50-Sn-119

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. %

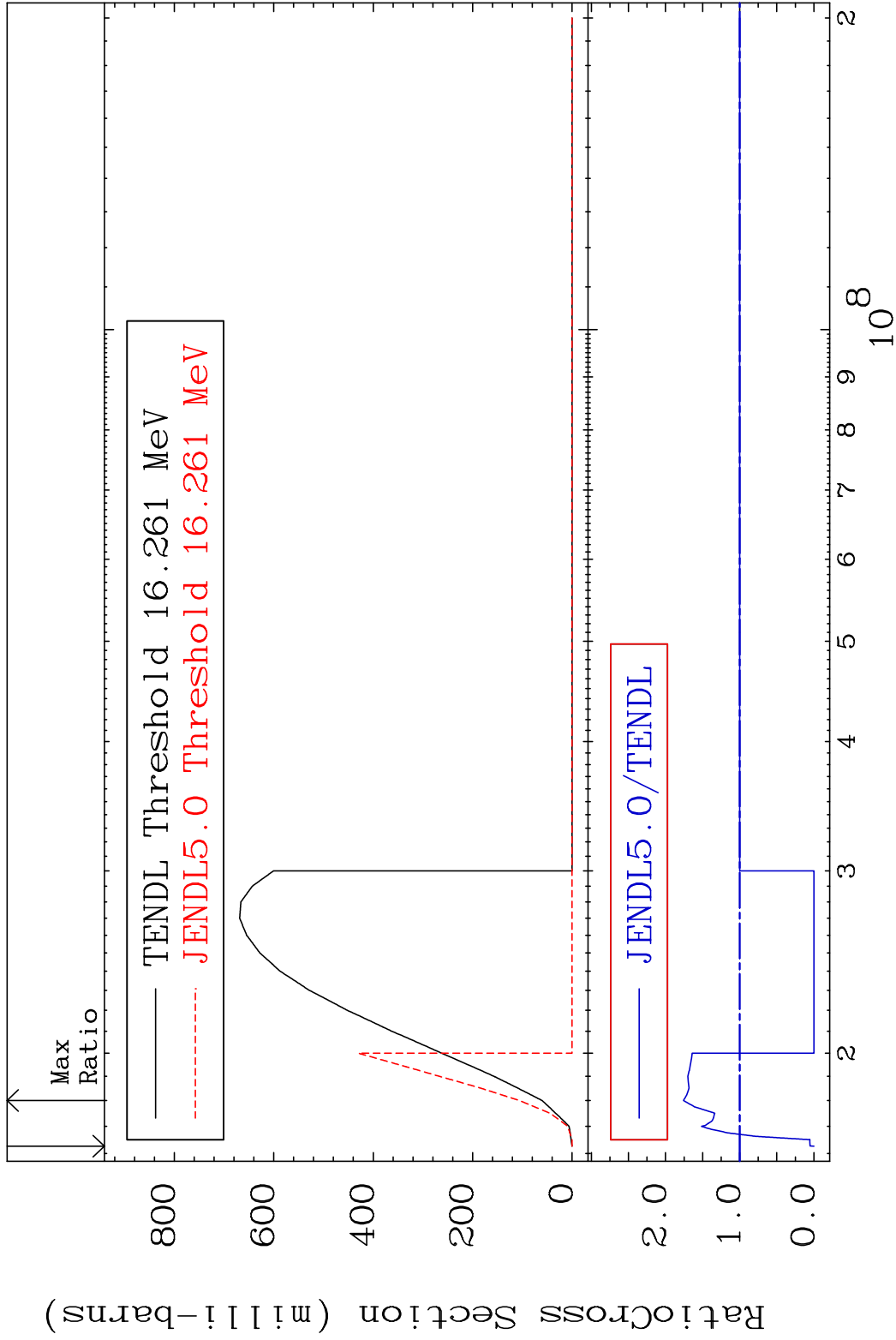


50

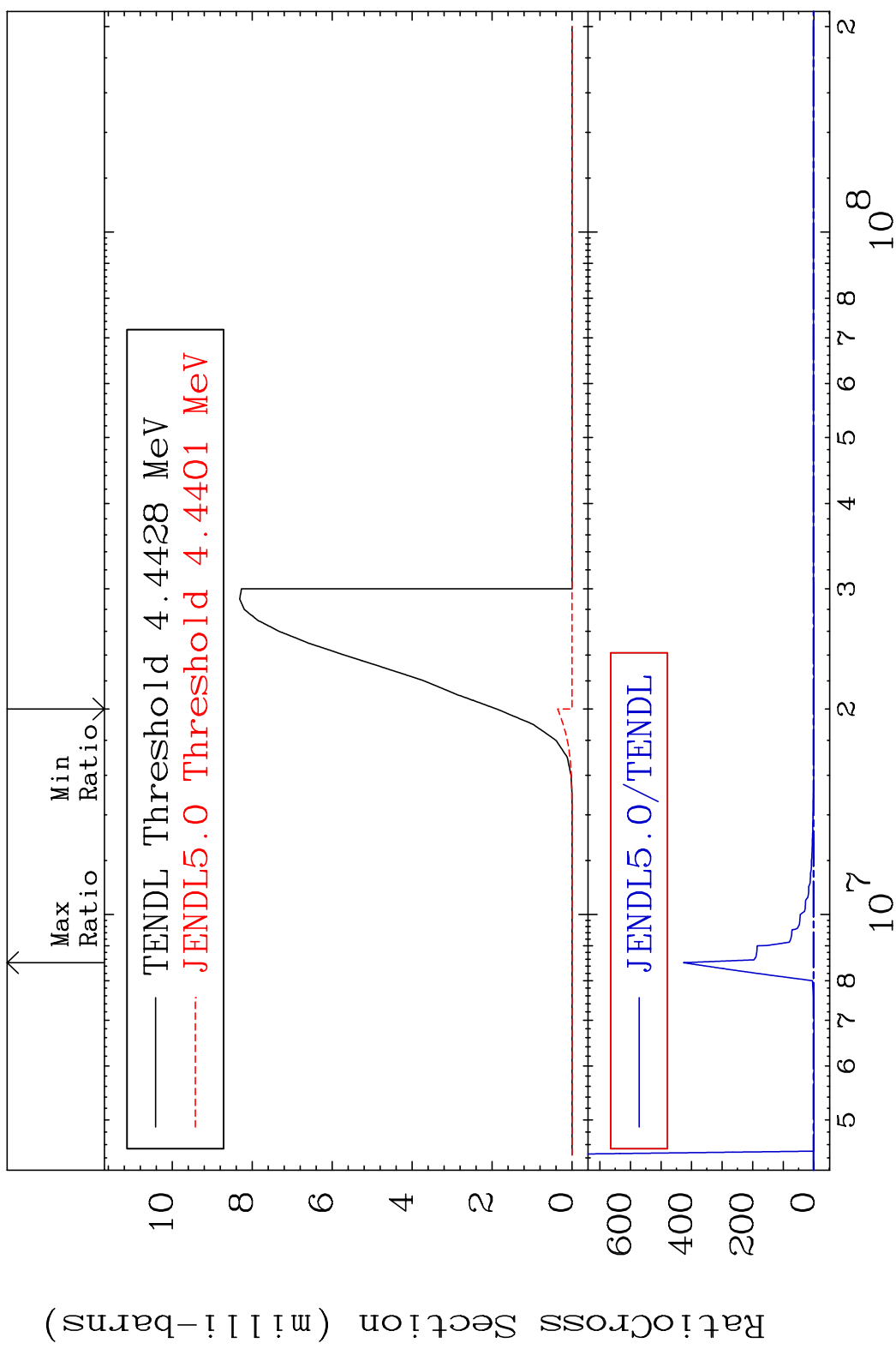
Incident Energy (eV)

50-Sn-119

MAT 5046 (n, 3n): 50-Sn-117m2 50-Sn-119
 Radionuclide Production Cross Section 180000 dpo 75.83 %

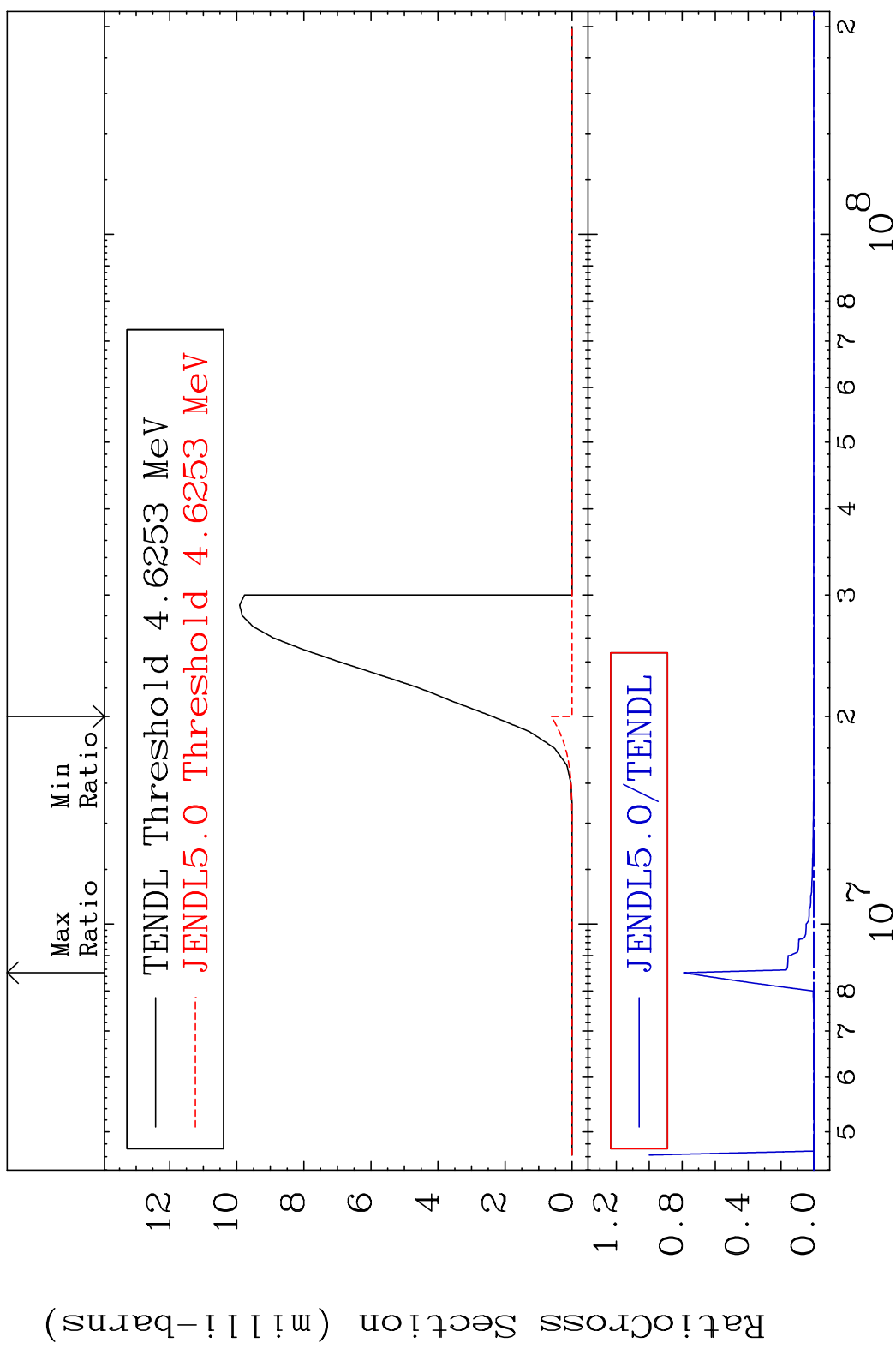


MAT 5046 (n, n') α :48-Cd-115g 50-Sn-119
 Radionuclide Production Cross Section 180000 dth 9999. %

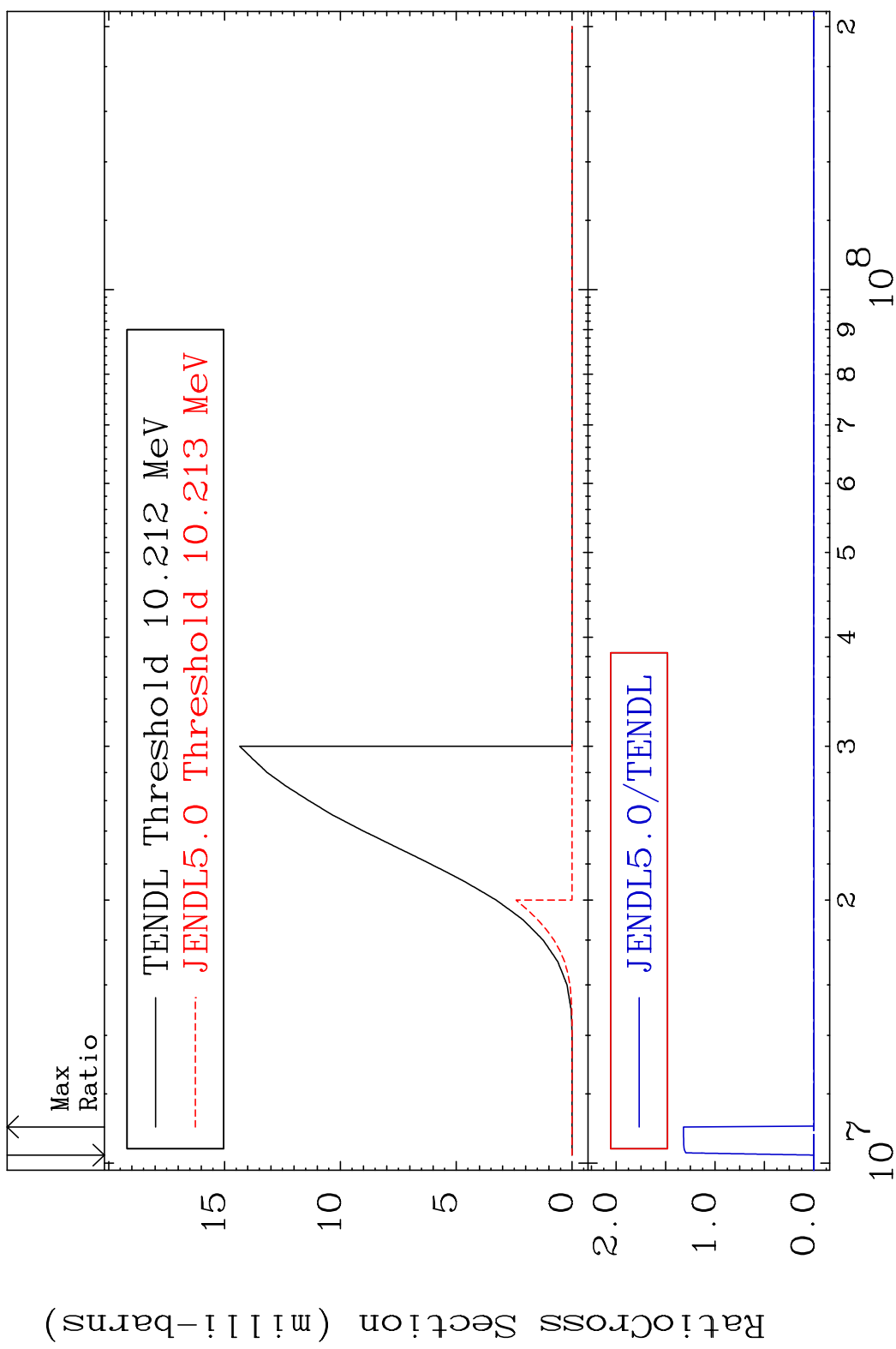


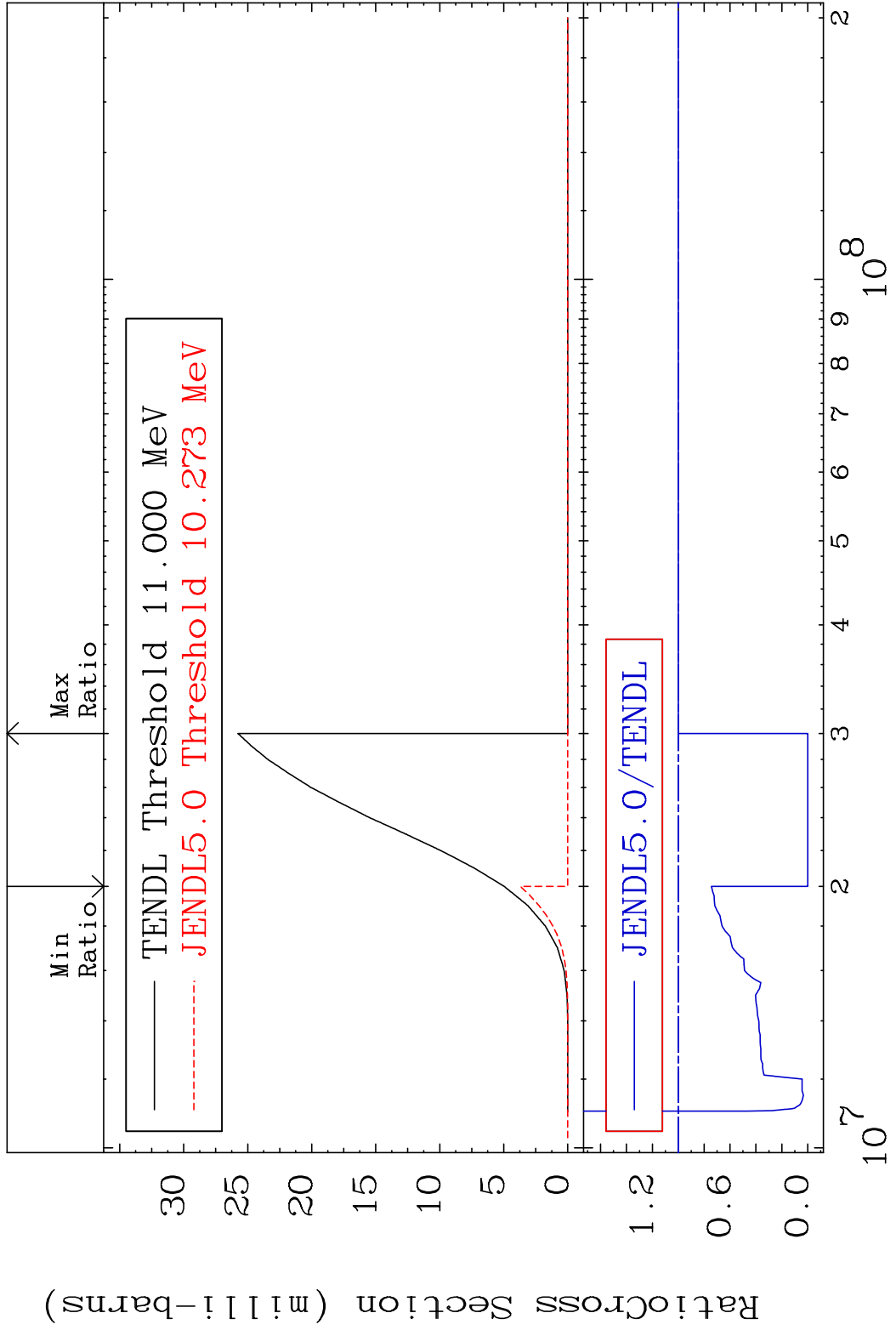
52 Incident Energy (eV) 50-Sn-119

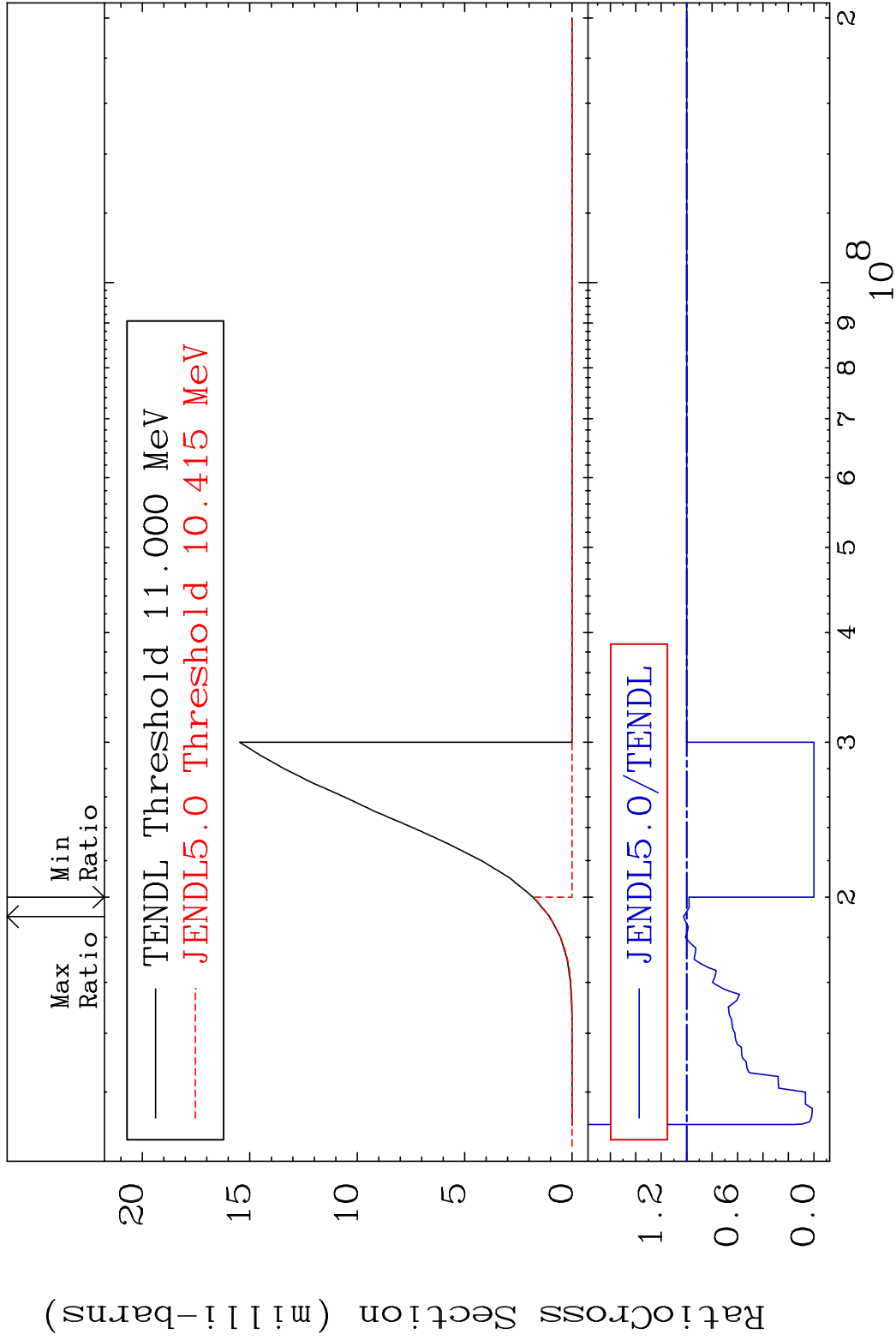
MAT 5046 (n, n') α : 48-Cd-115m1 50-Sn-119
 Radionuclide Production Cross Section 180000 dpo 9999. %

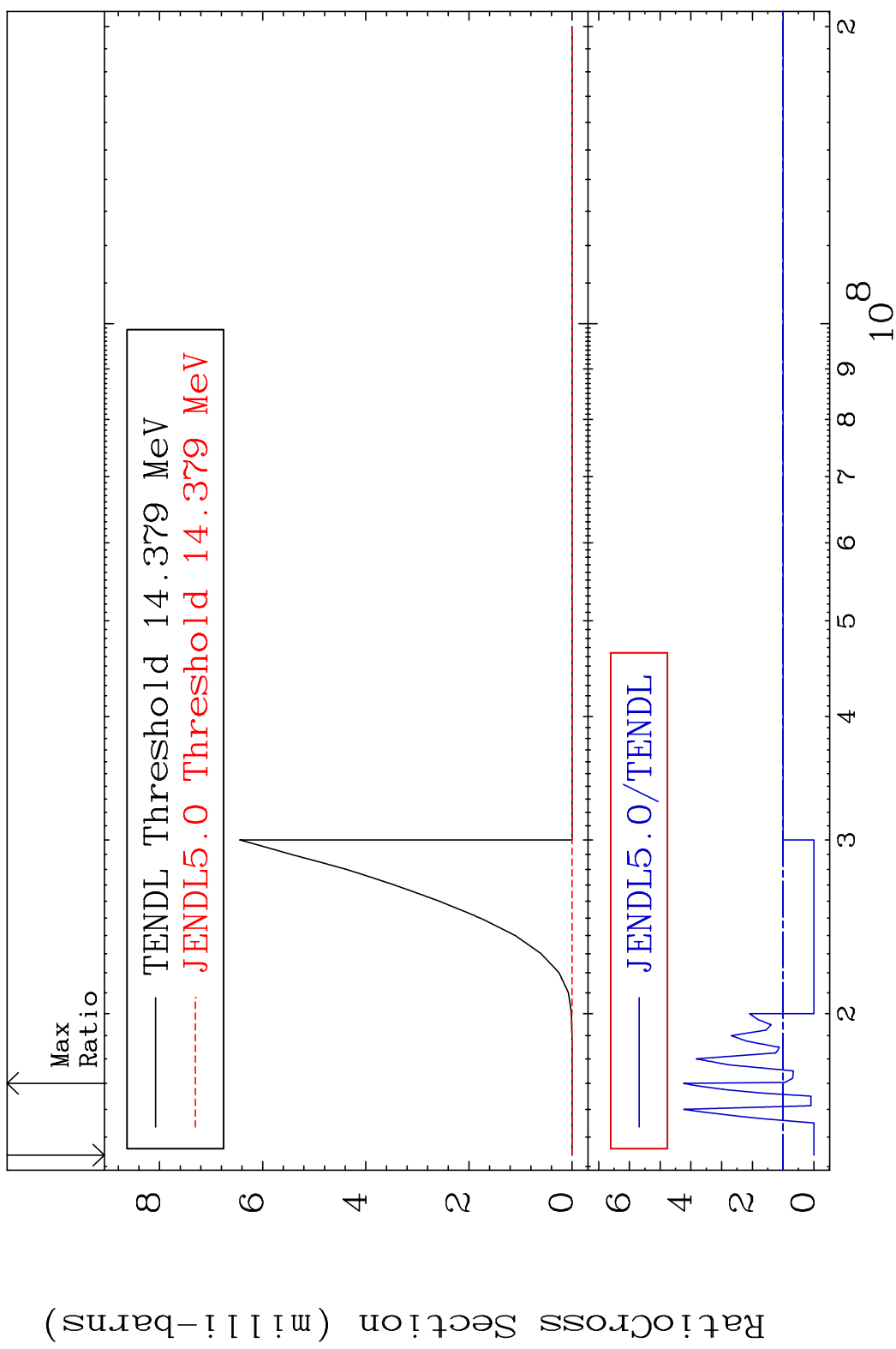


MAT 5046 (n, n') p:49-In-118g 50-Sn-119
 Radionuclide Production Cross Section to 9999. %

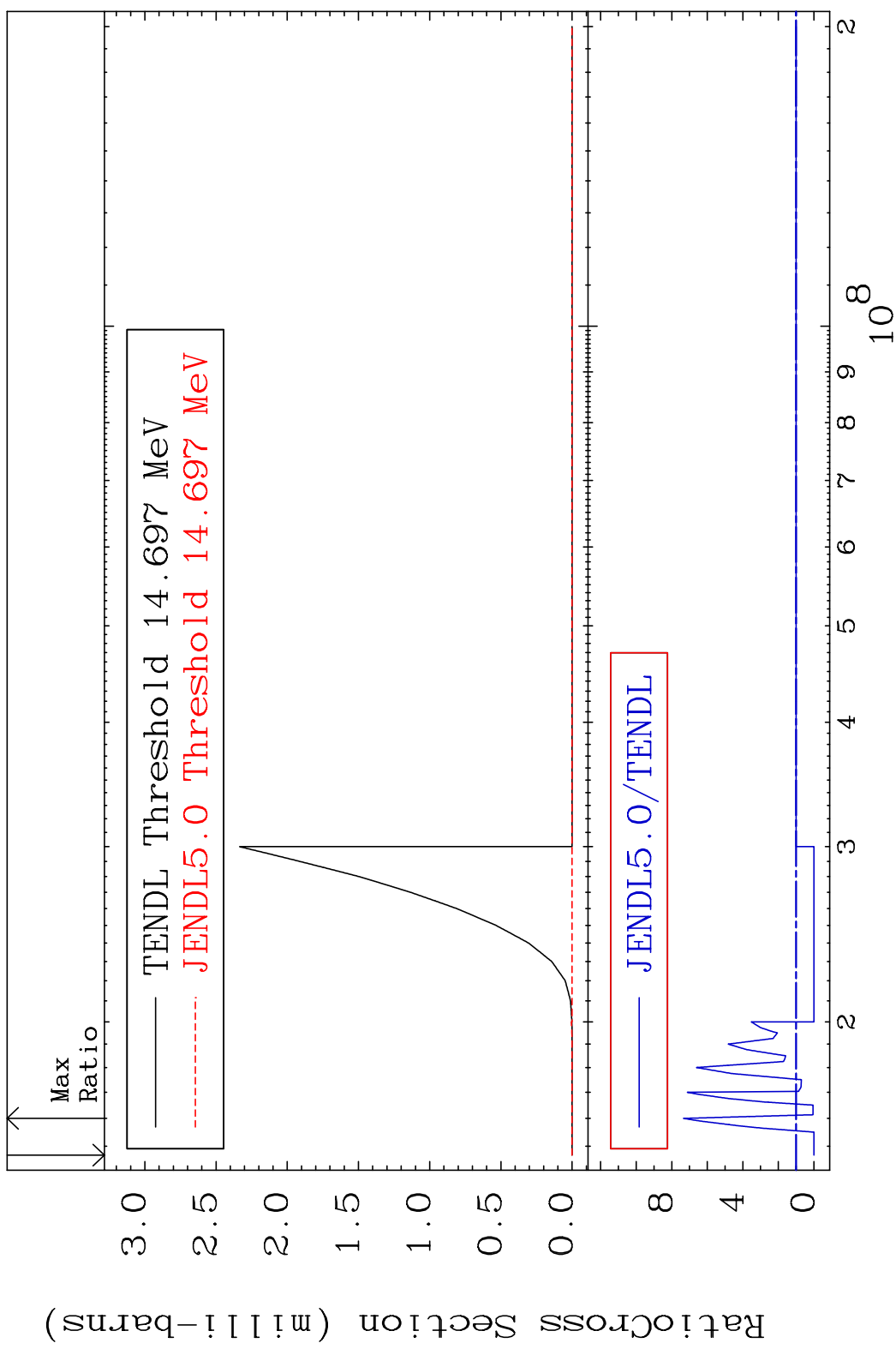




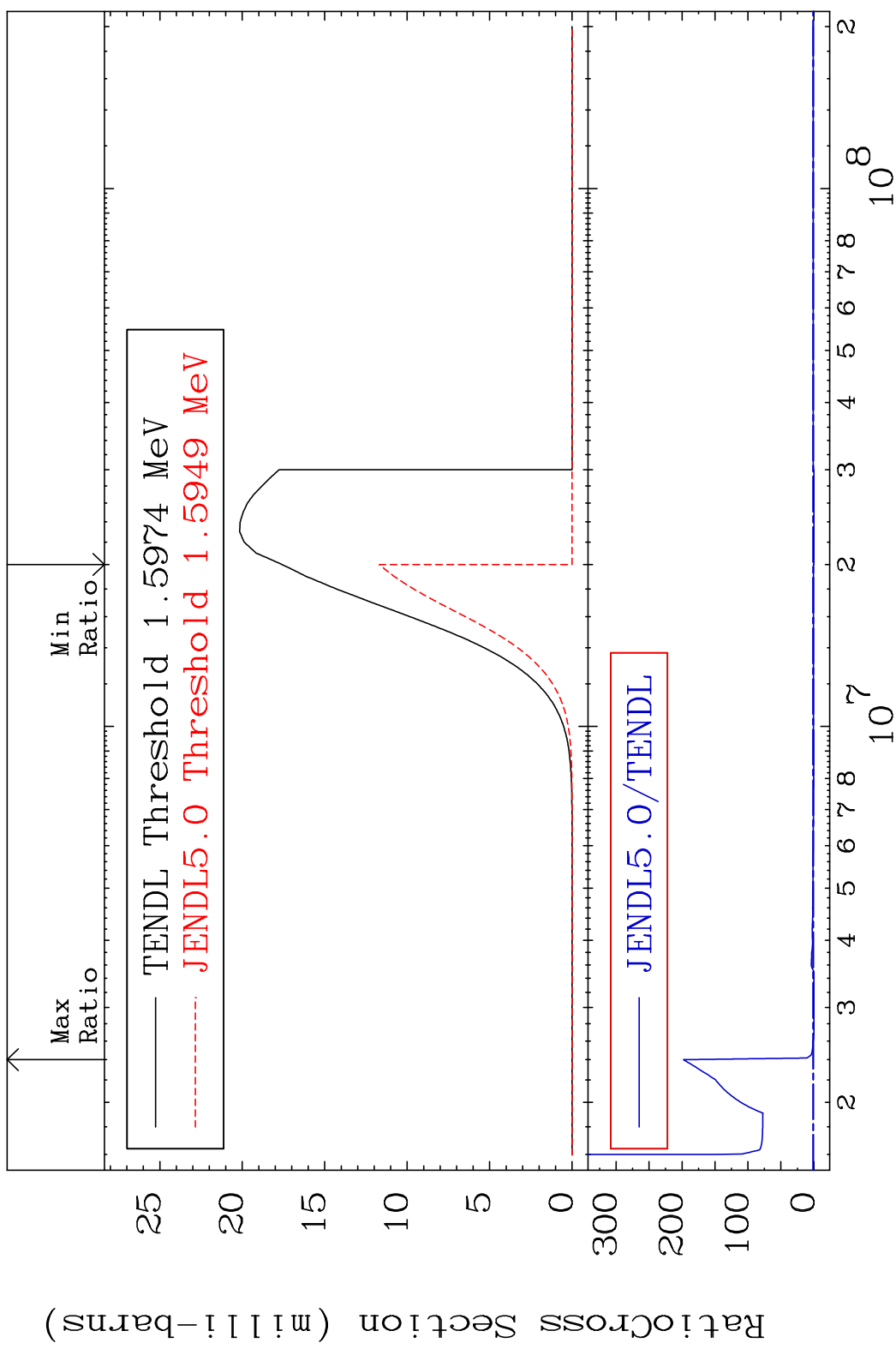




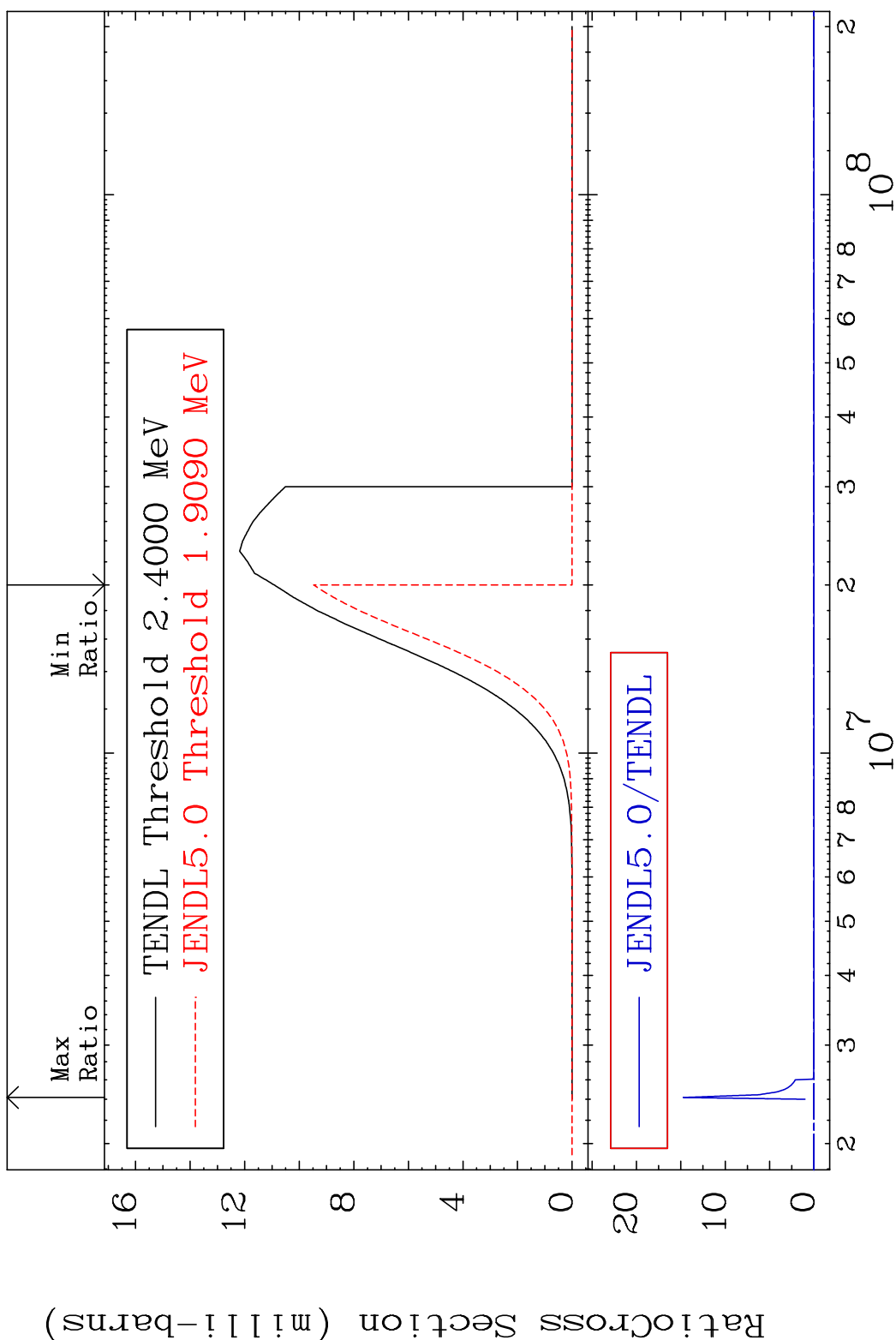
MAT 5046 (n, n') d:49-In-117m1 50-Sn-119
 Radionuclide Production Cross Section 180000 d to 634.0 %



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

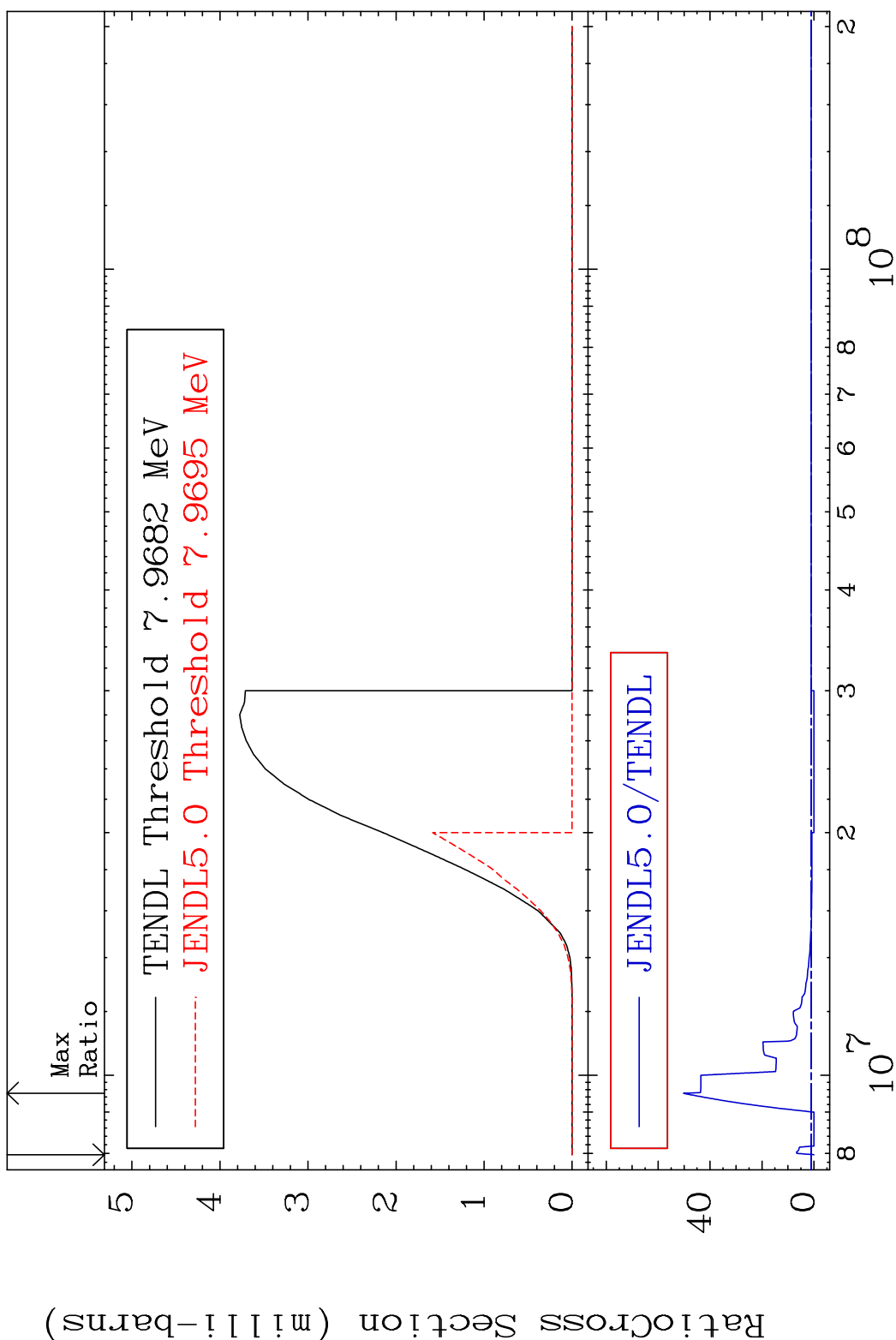


MAT 5046 (n, p):49-In-119m1 50-Sn-119
 Radionuclide Production Cross Section to 9999. %



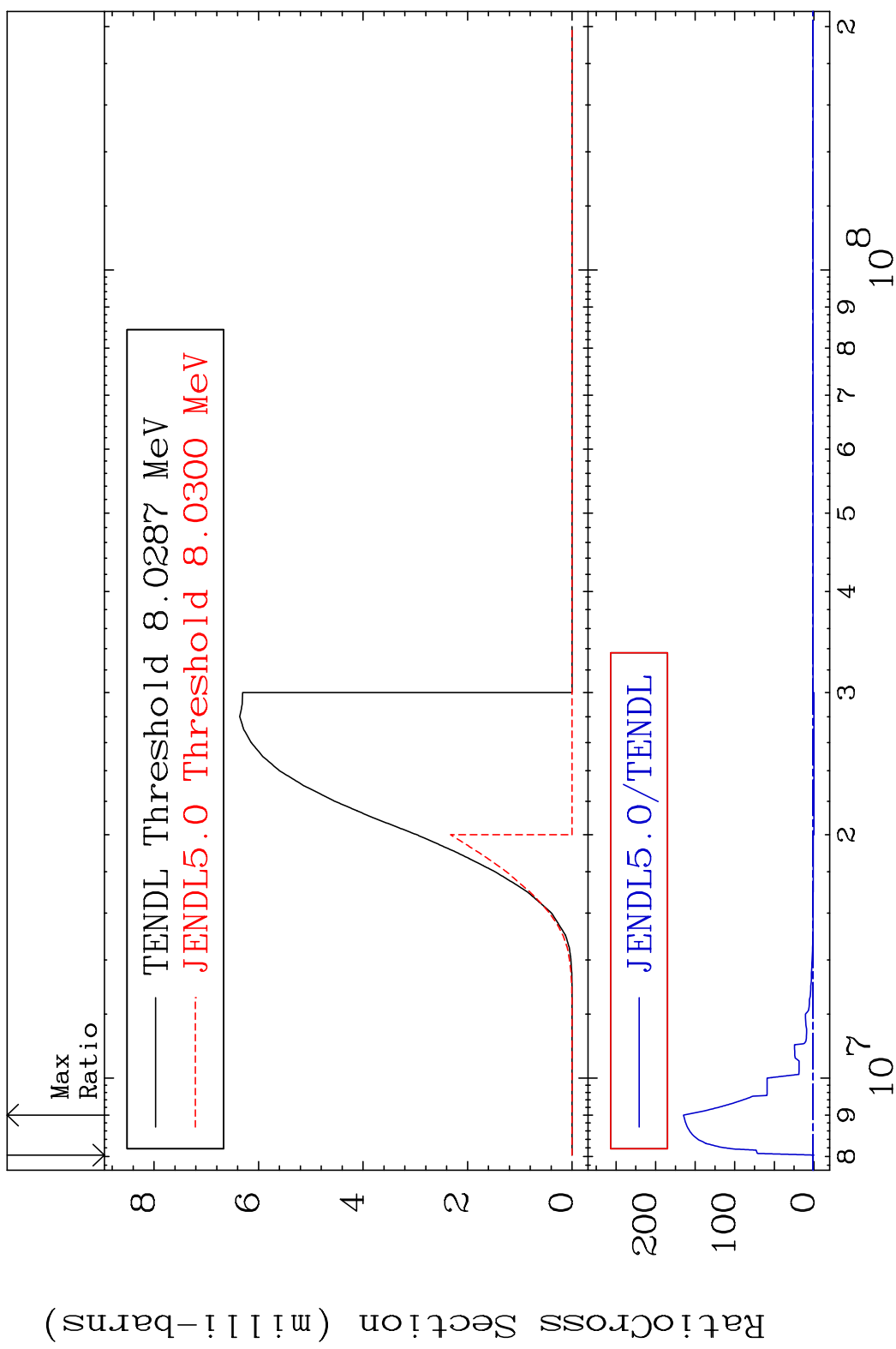
60 Incident Energy (eV) 50-Sn-119

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



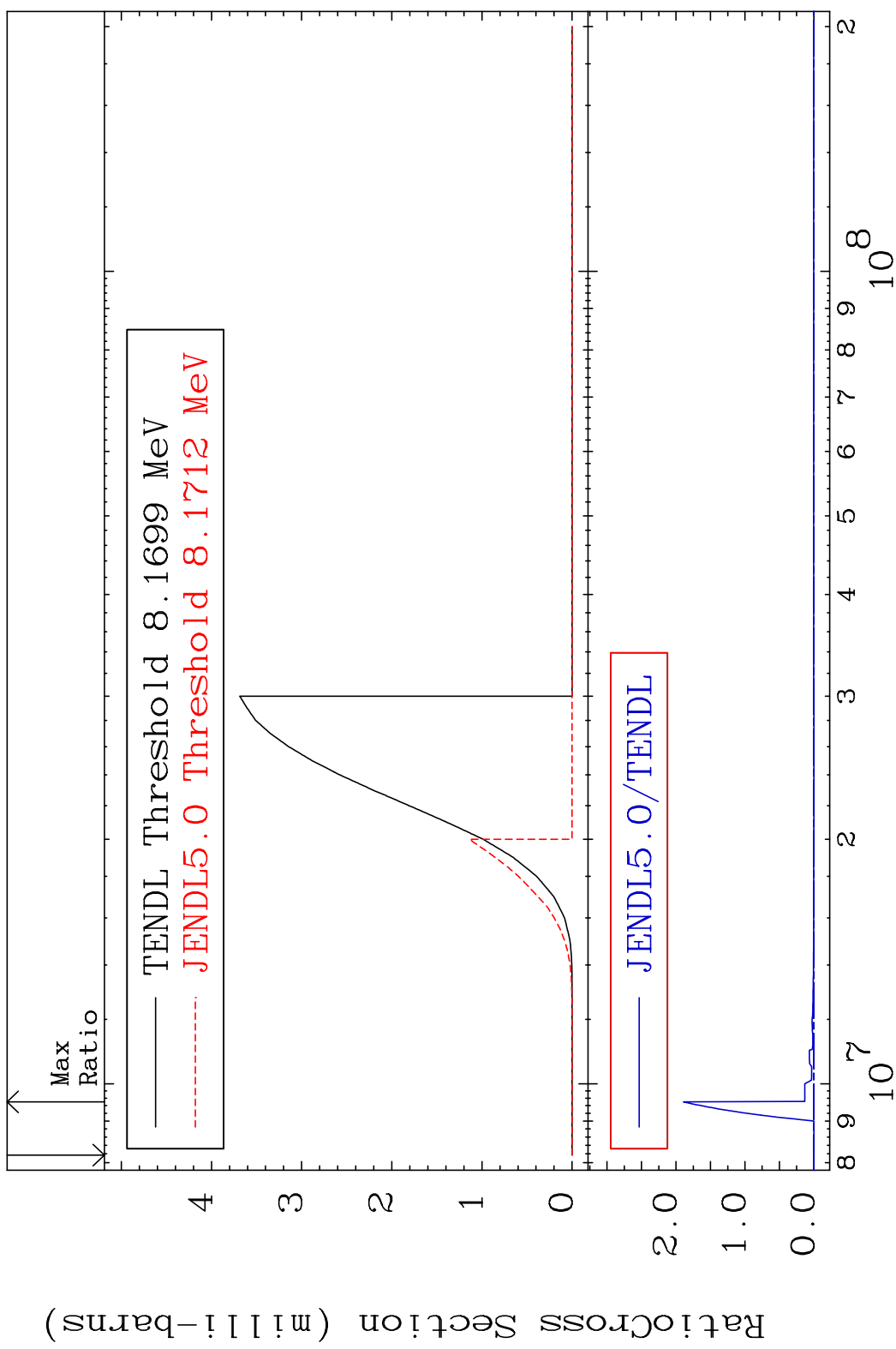
61 Incident Energy (eV) 50-Sn-119

MAT 5046 (n,d):49-In-118m1 50-Sn-119
 Radionuclide Production Cross Section 10000 to 9999. %

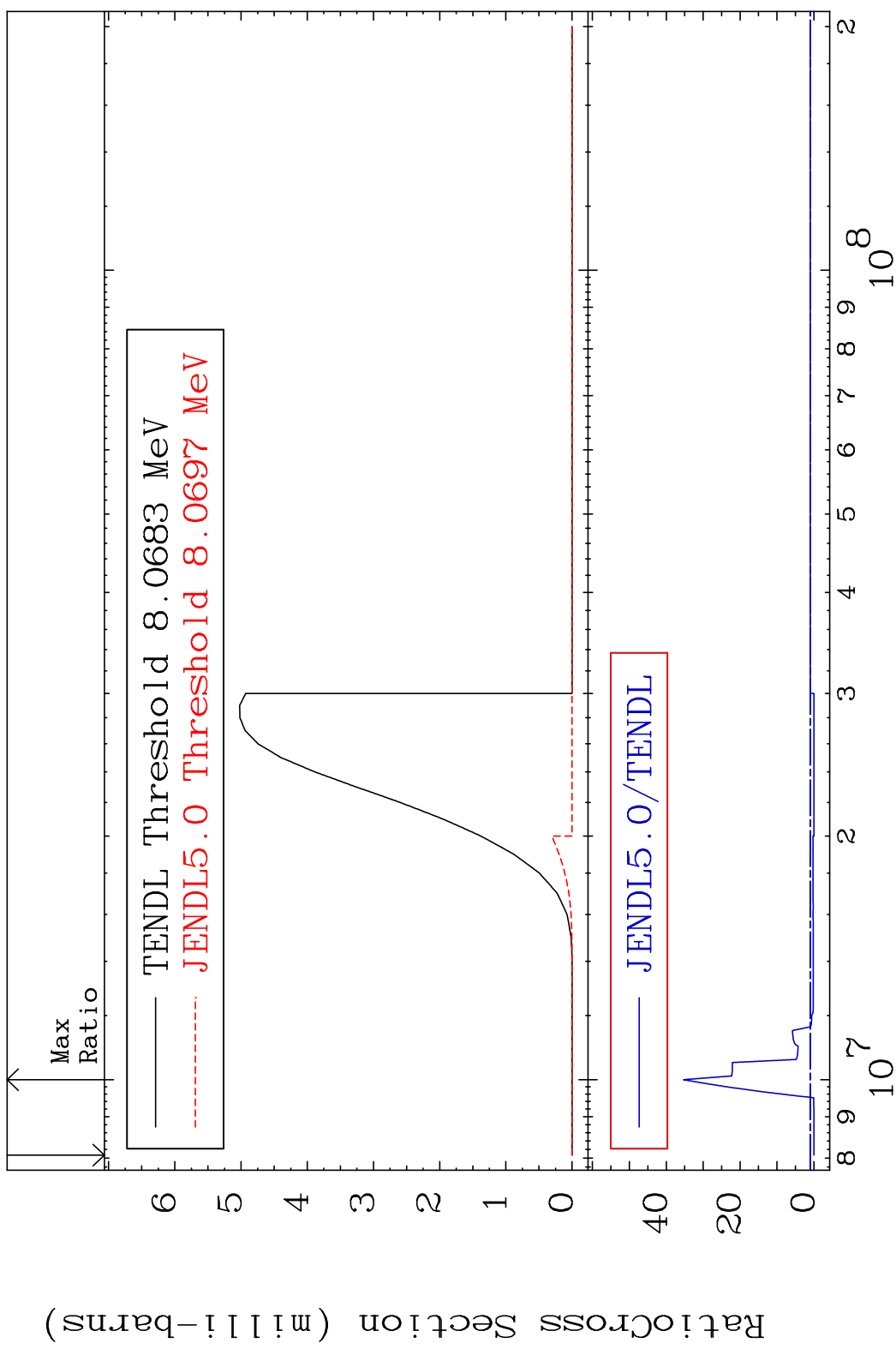


62 Incident Energy (eV) 50-Sn-119

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

