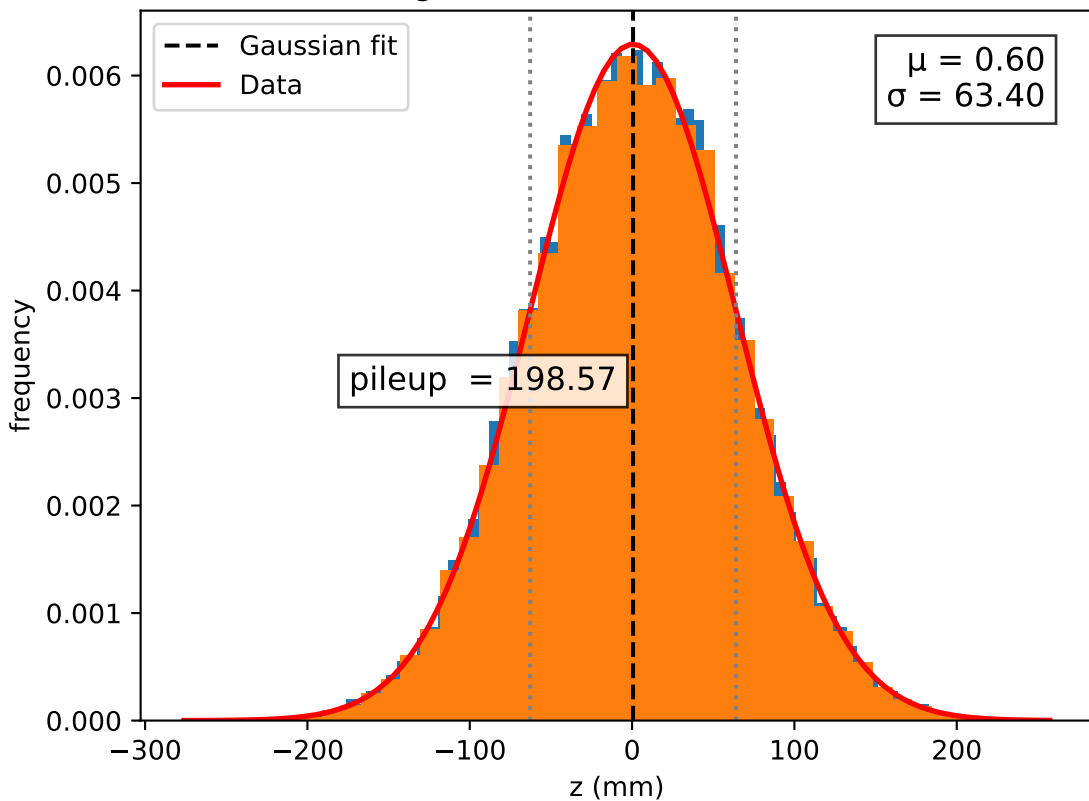
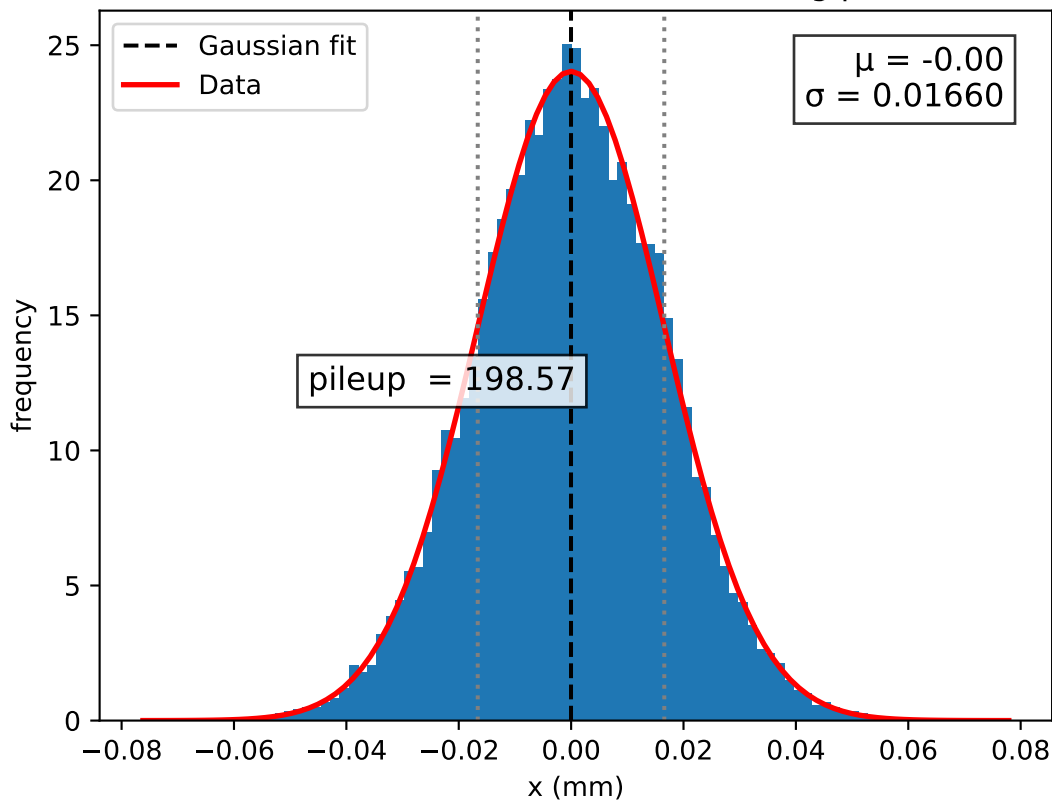


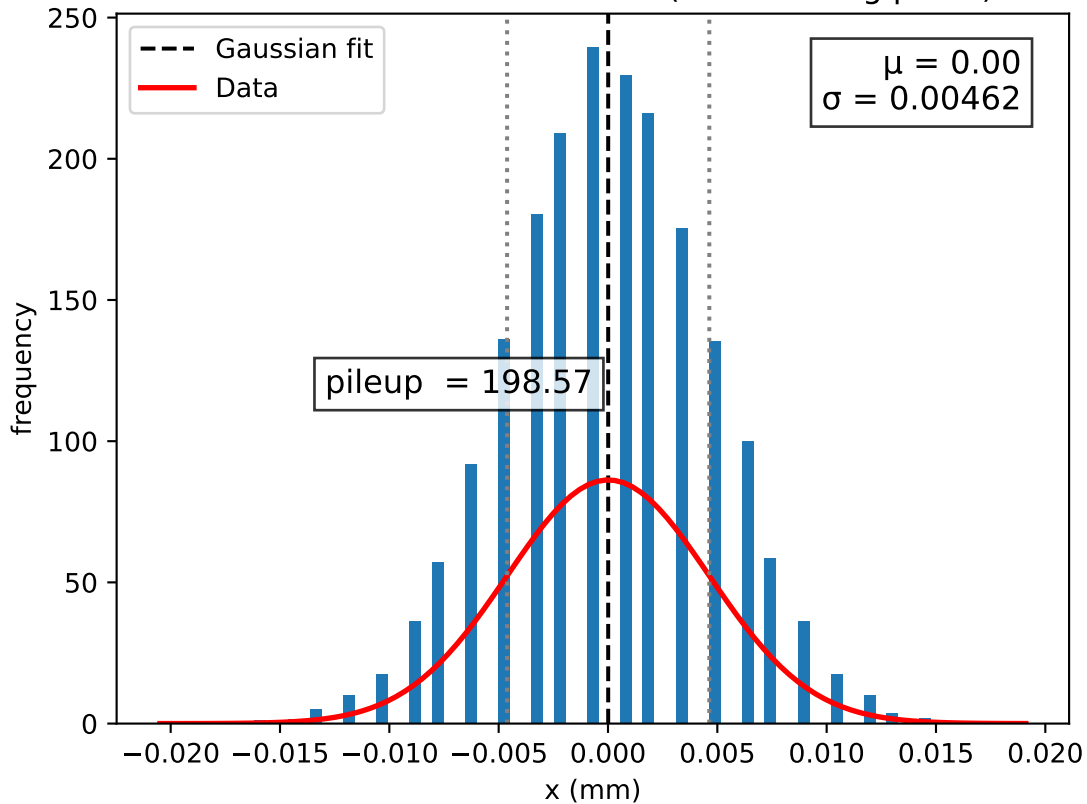
longitudinal vertex distribution



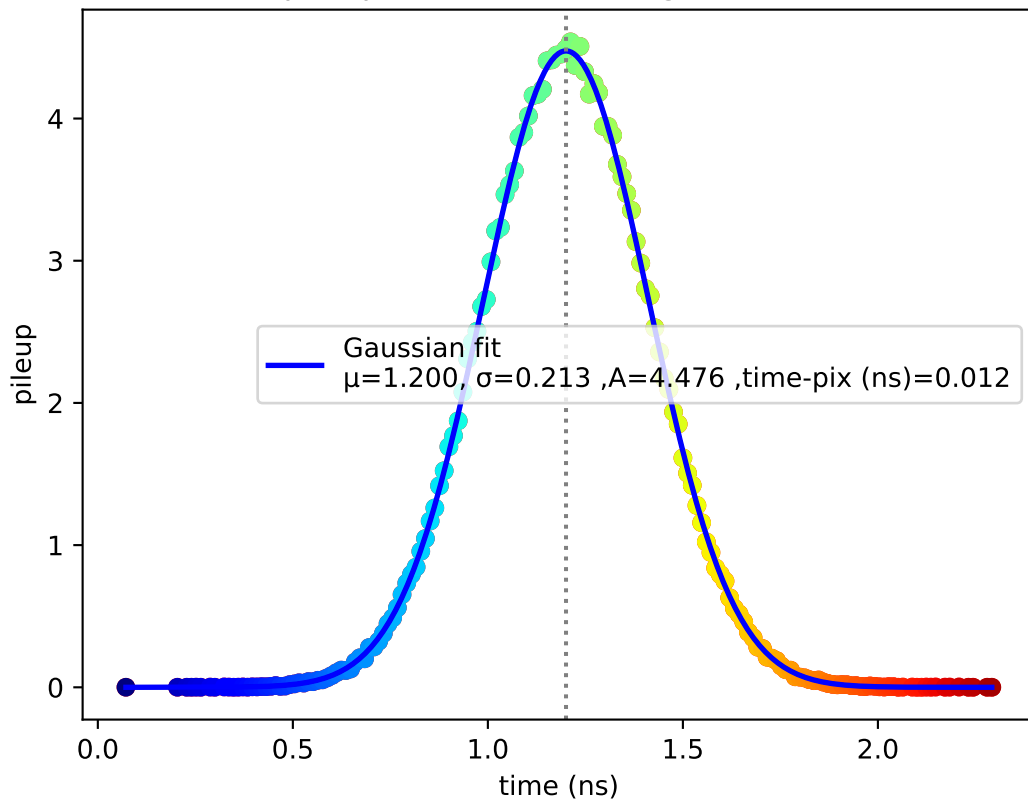
transverse vertex distribution (crossing plane)



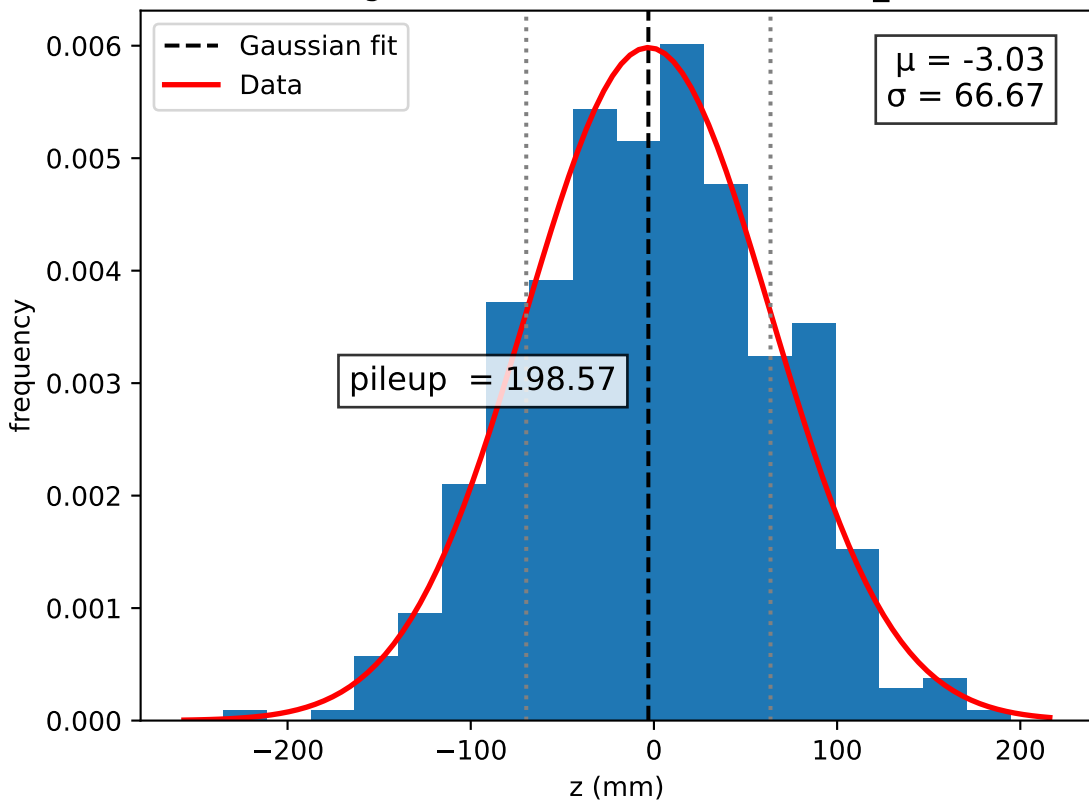
transverse vertex distribution (non crossing plane)



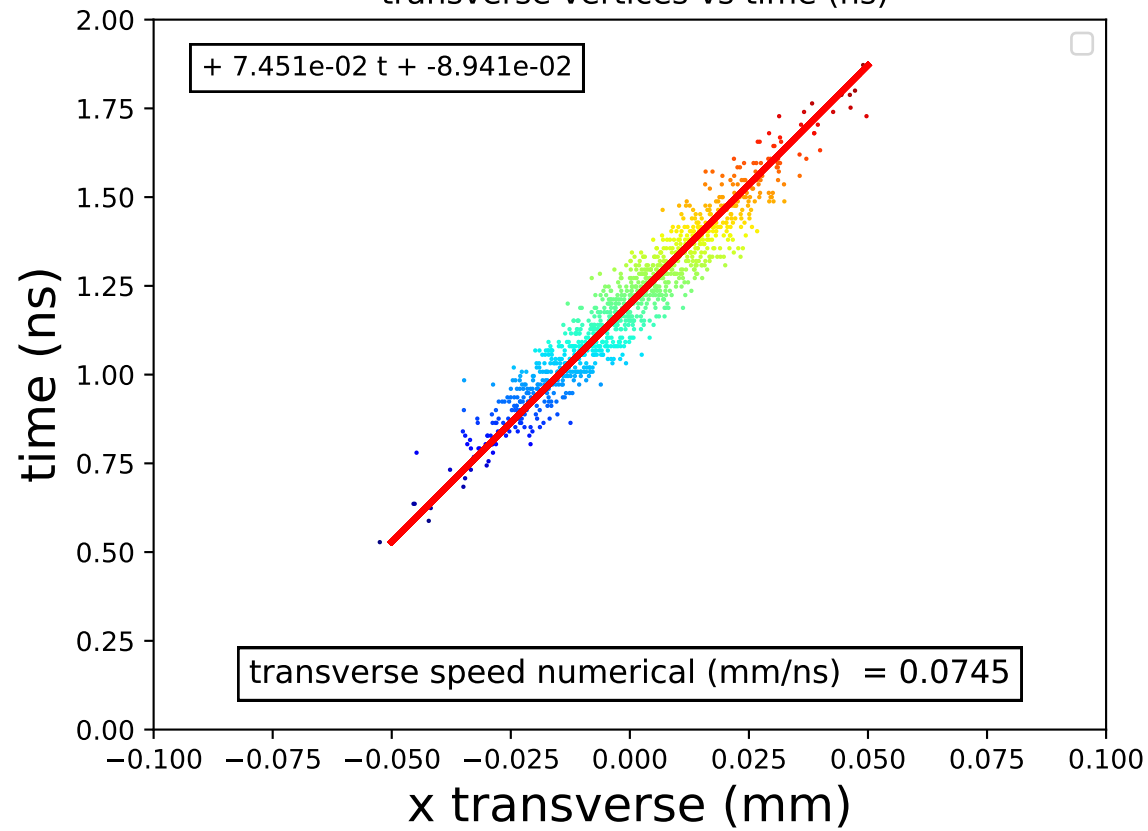
pileup vs bunch crossing time (ns)



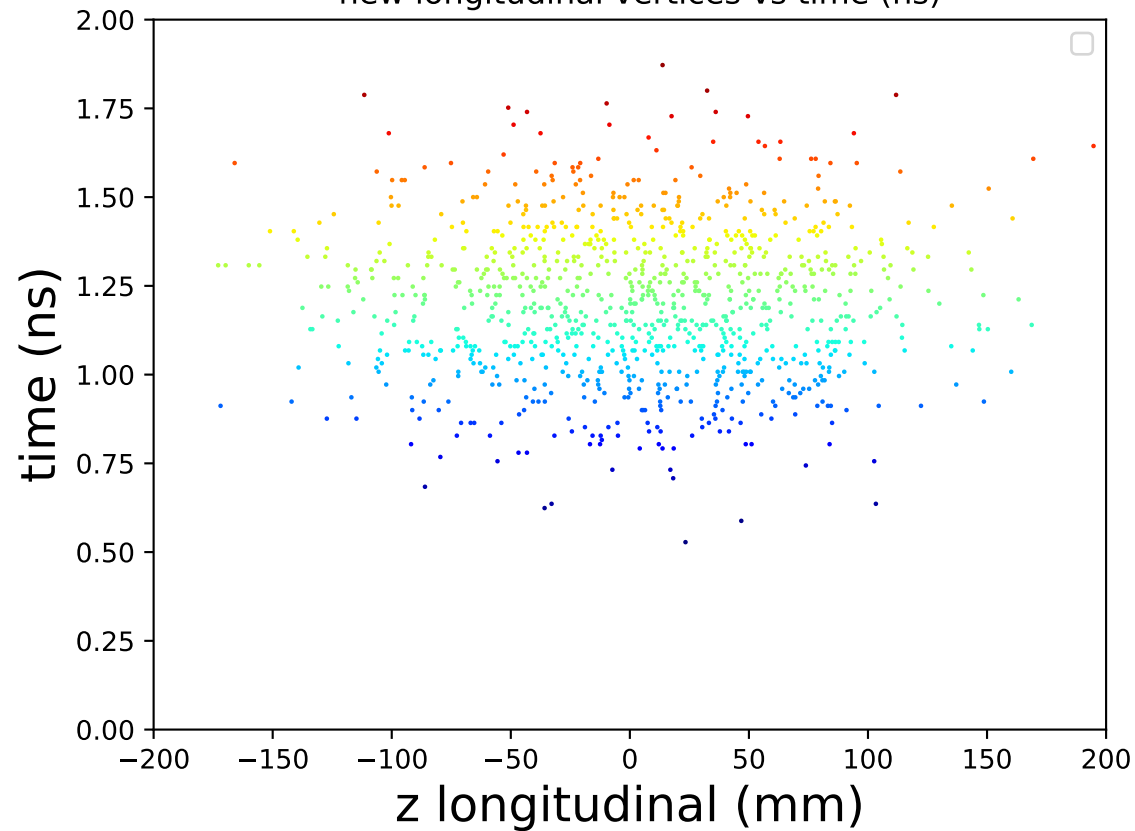
longitudinal vertex distribution at t_0



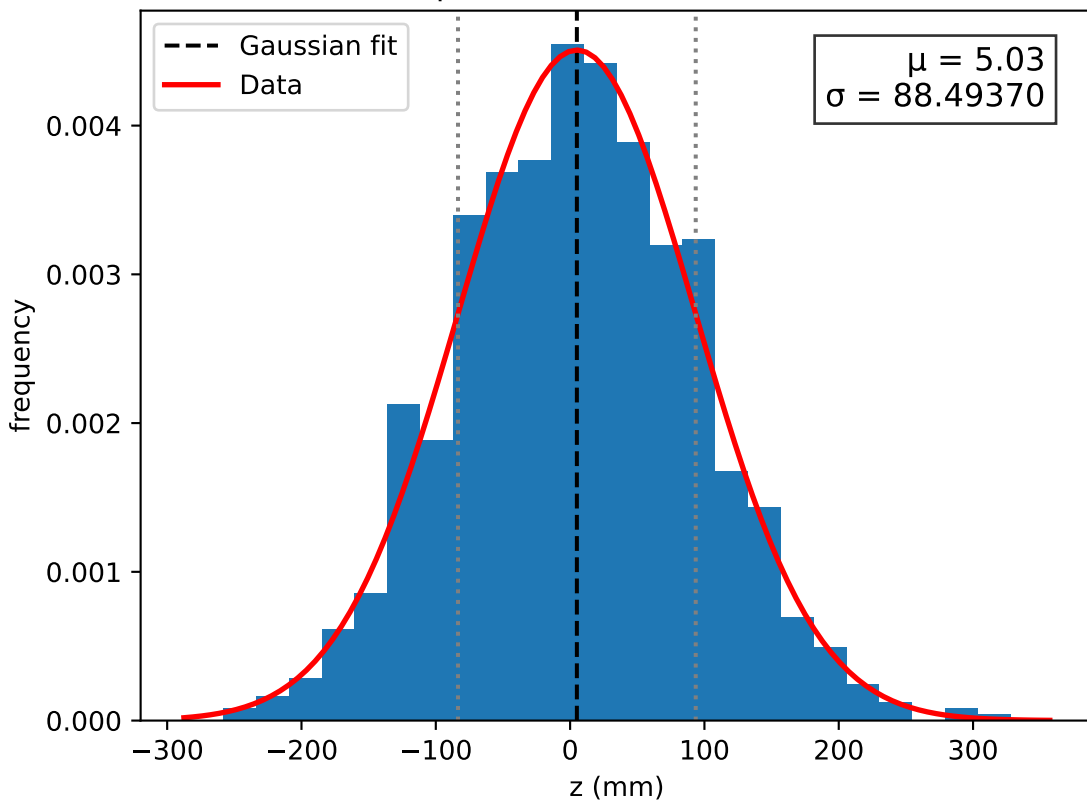
transverse vertices vs time (ns)



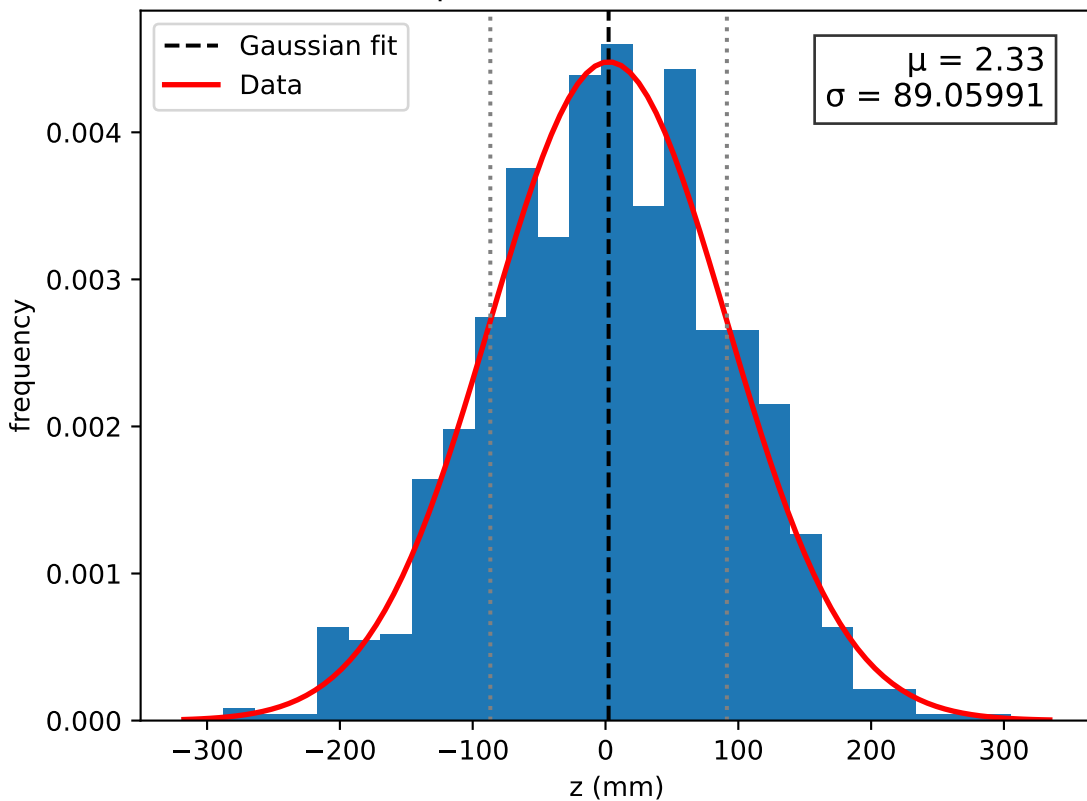
new longitudinal vertices vs time (ns)



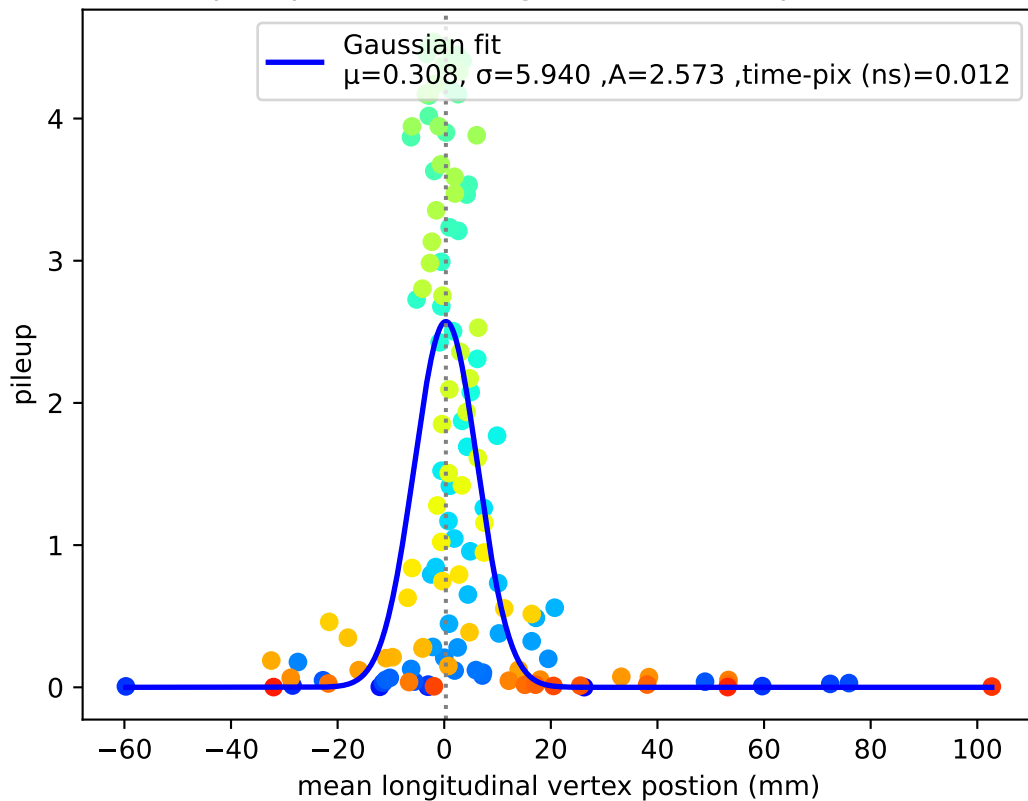
reaction protons in bunch1 distribution



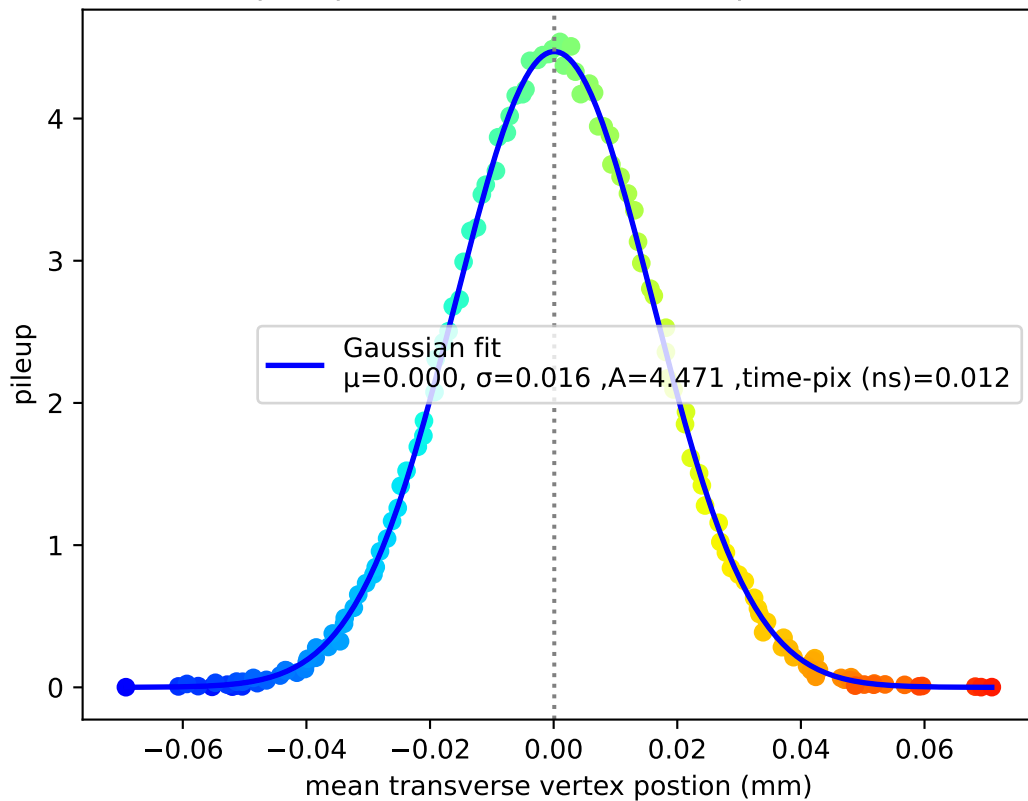
reaction protons in bunch2 distribution



pileup vs mean longitudinal vertex position



pileup vs mean transv vertex position



bunch 1 vertex central - arrival time RP

