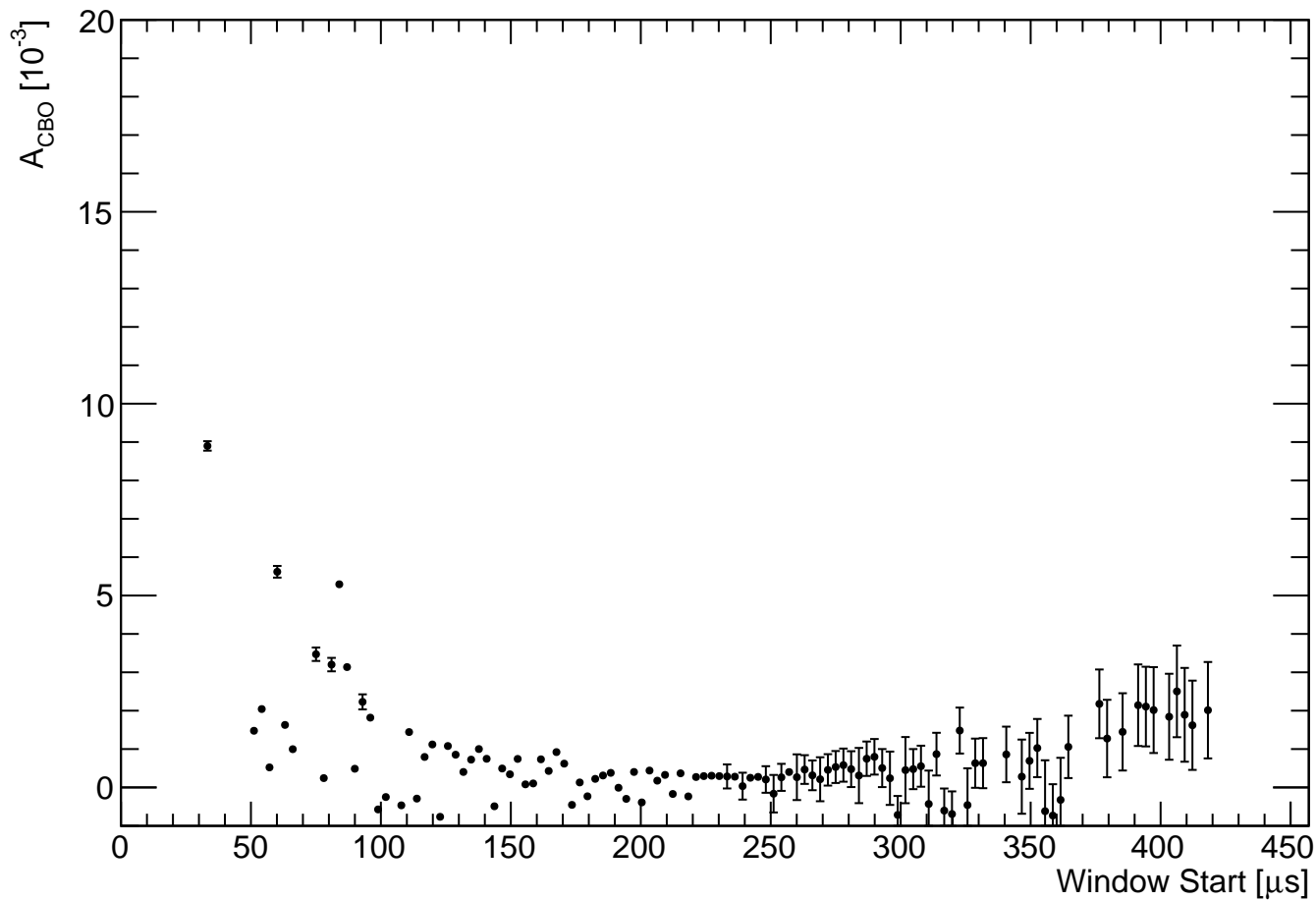
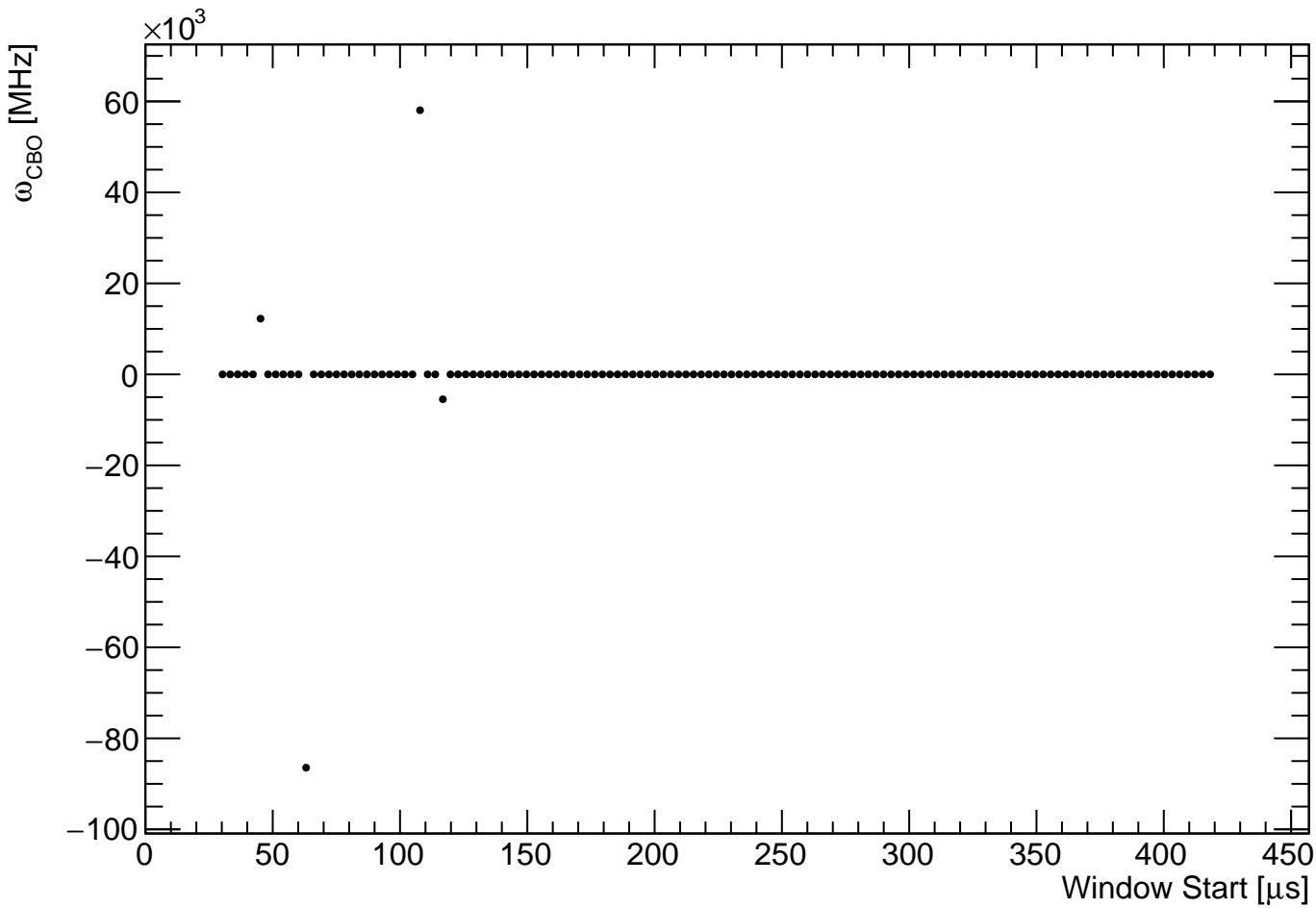


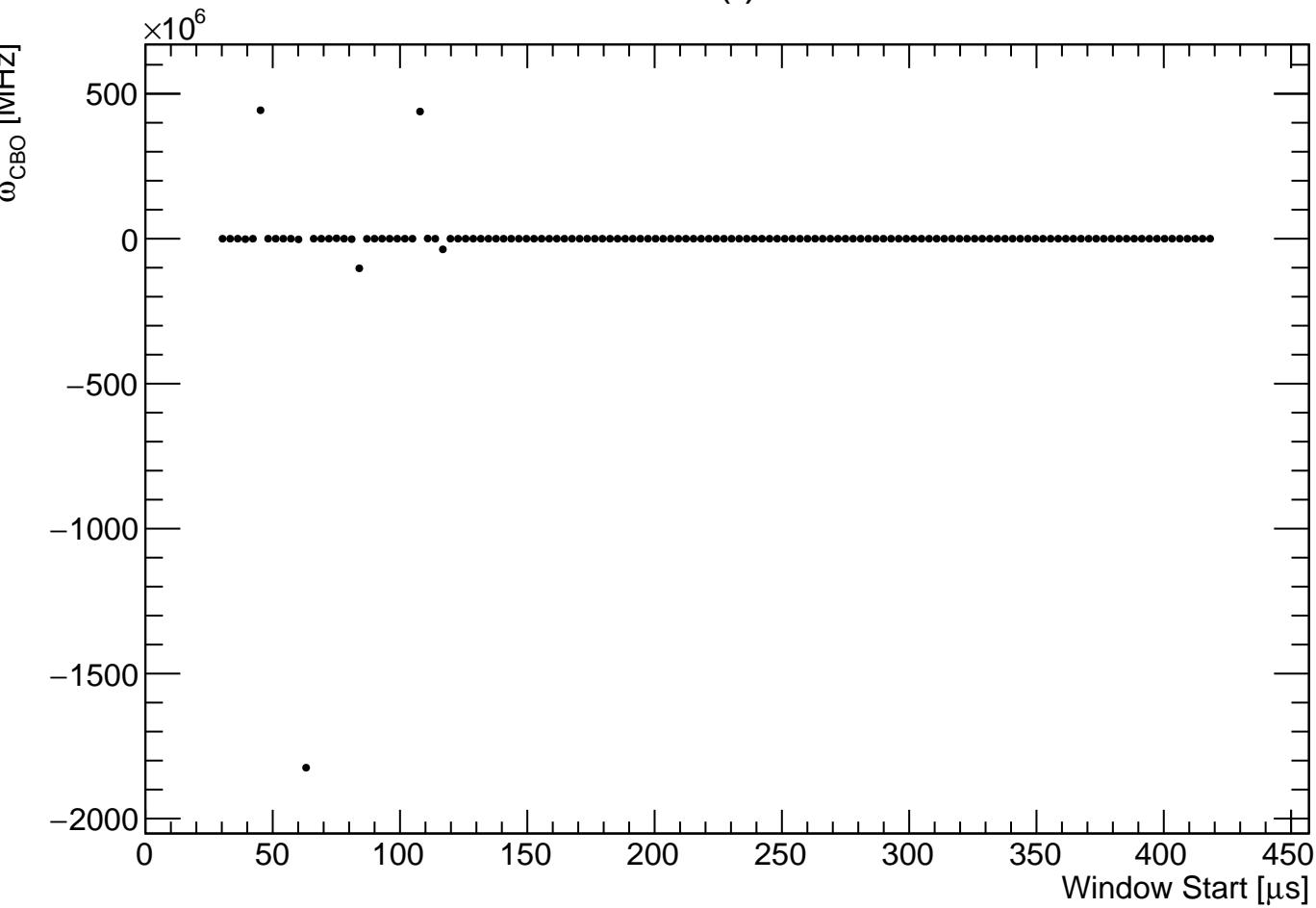
A\_CBO v time



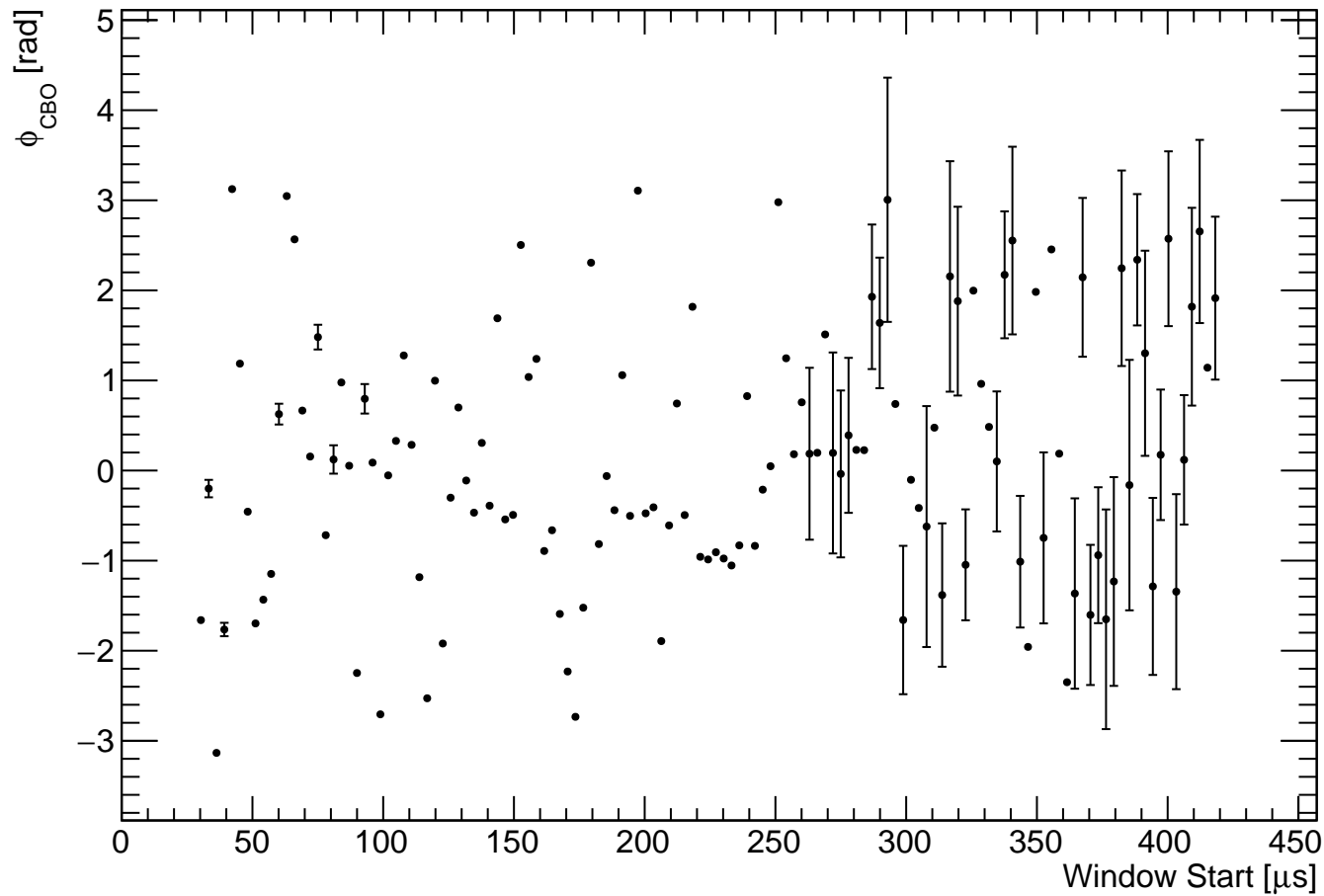
w\_CBO v time



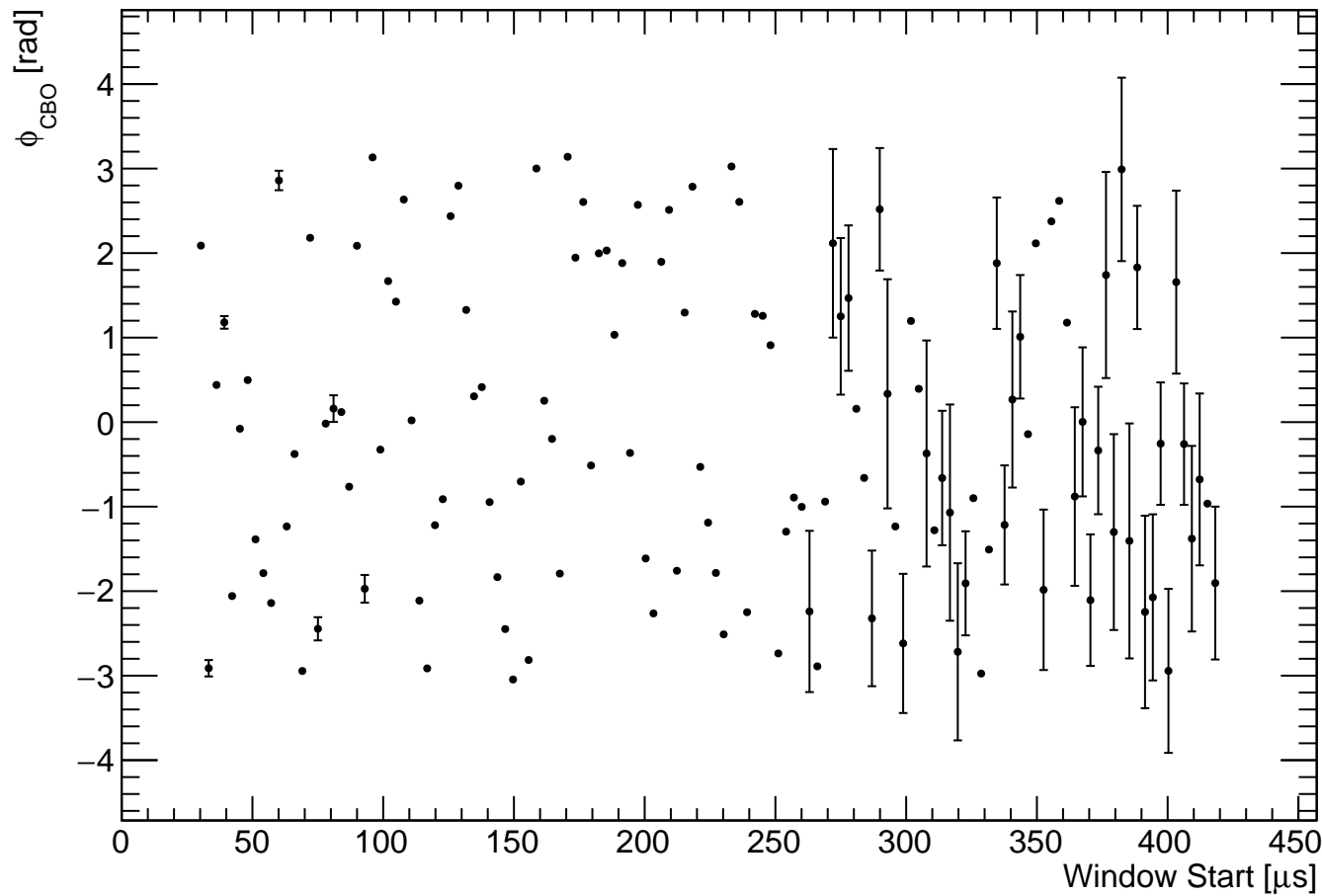
w\_CBO(t) v time



p\_CBO v time

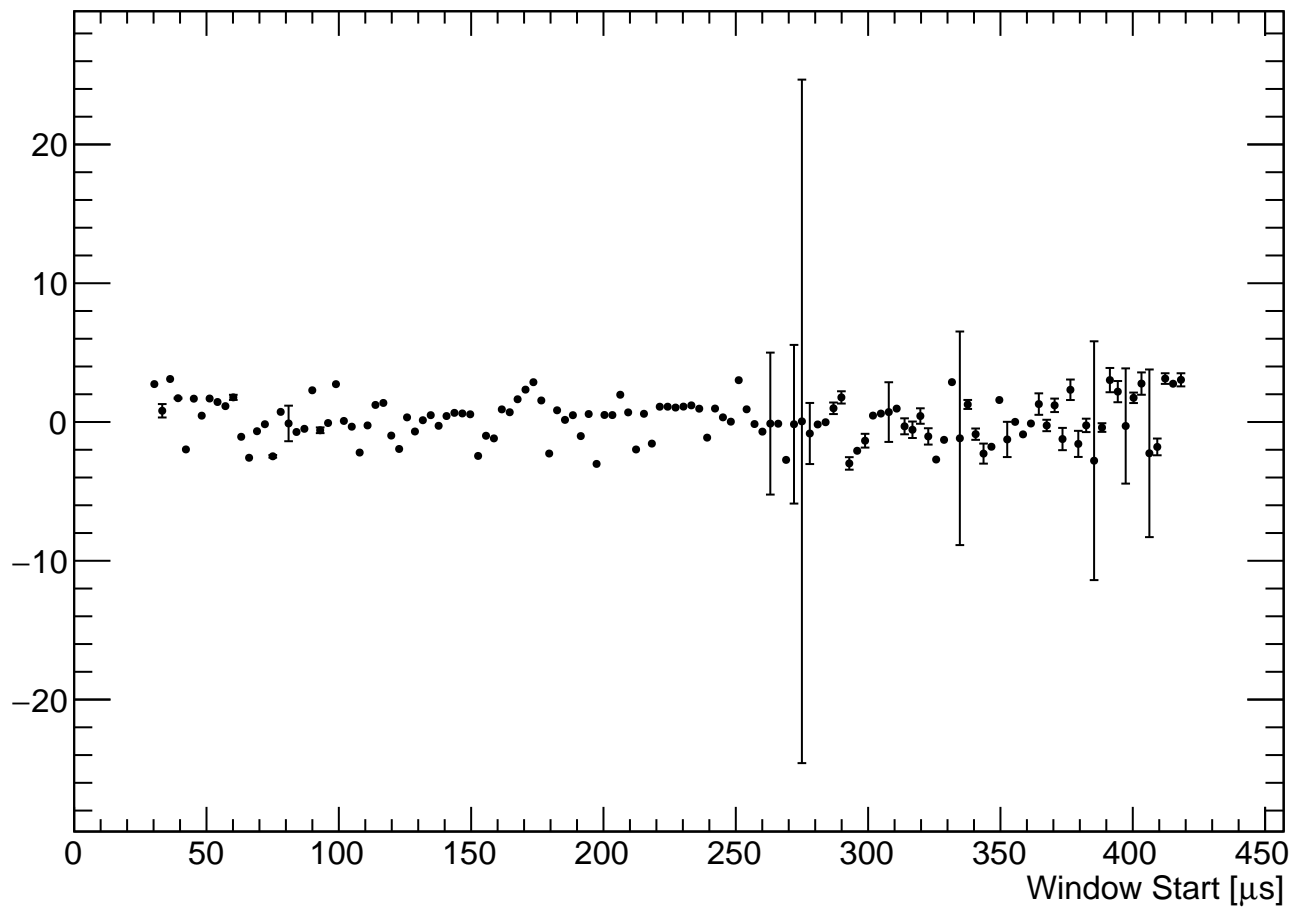


# p\_CBO at window start

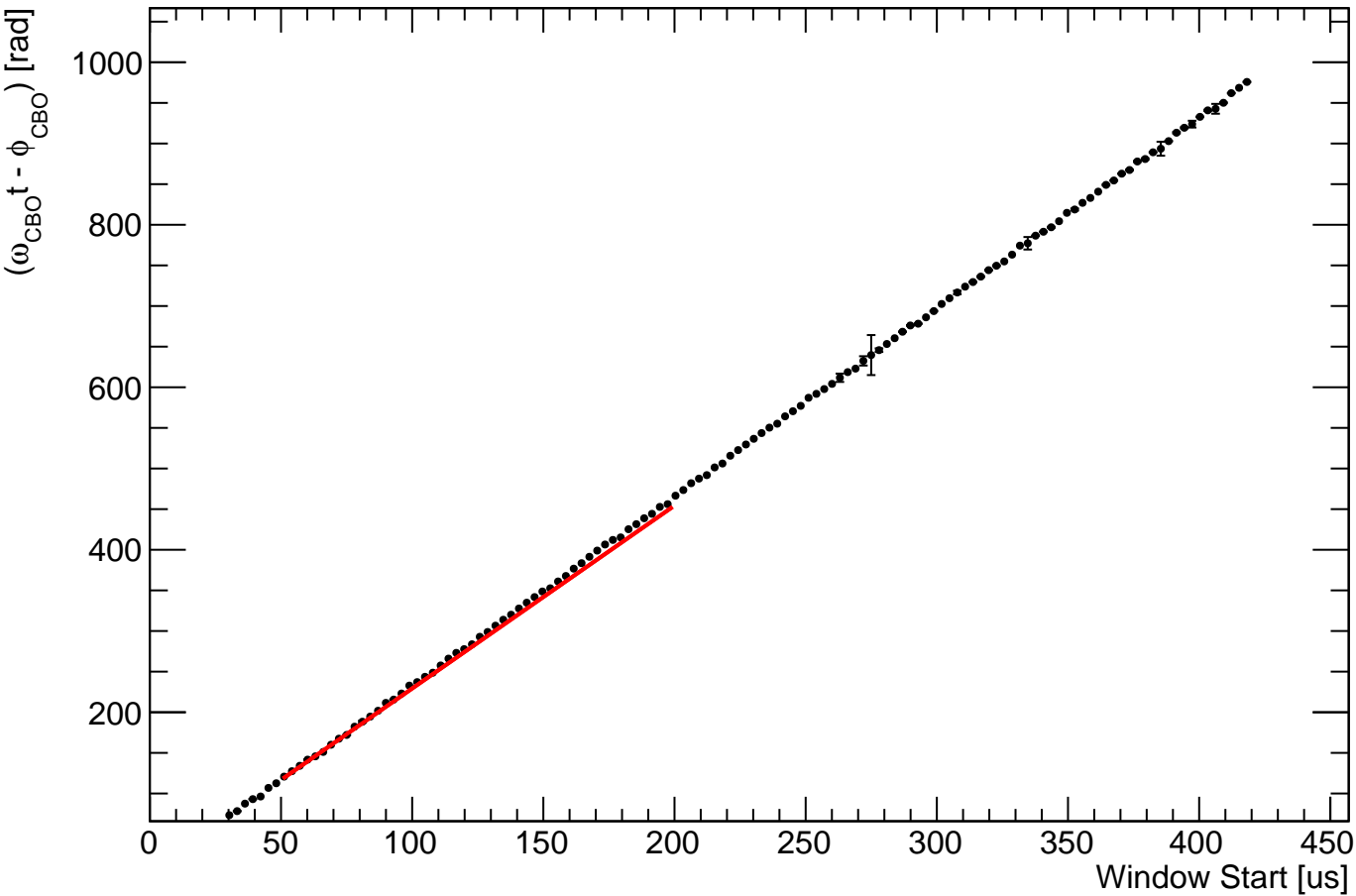


$$(\omega_{\text{CBO}} t - \phi_{\text{CBO}})_{\text{window}} - (\omega_{\text{CBO}} t - \phi_{\text{CBO}})_{\text{full}}$$

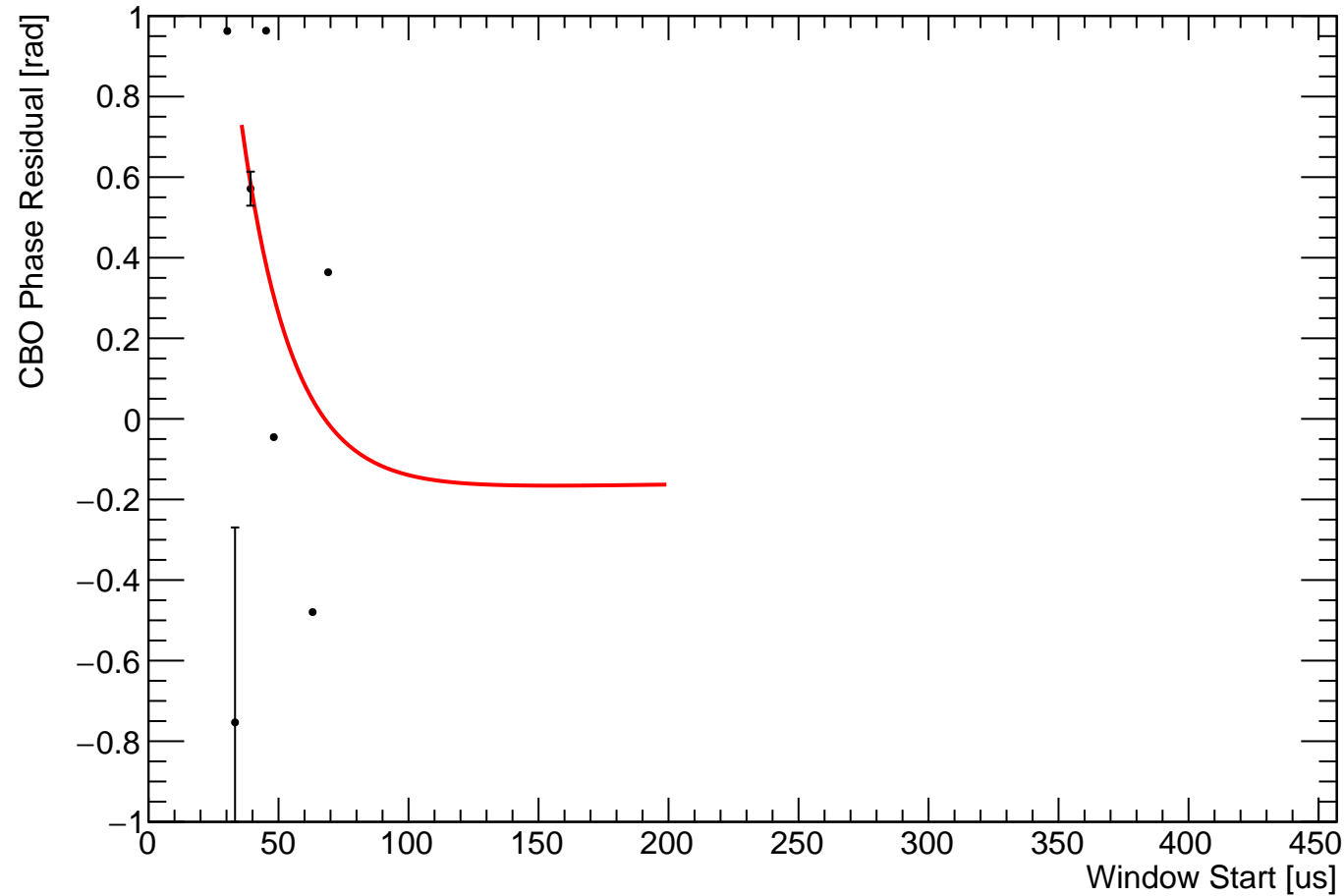
CBO Phase Residual [rad]



# CBO Phase Advance from Sliding Windows

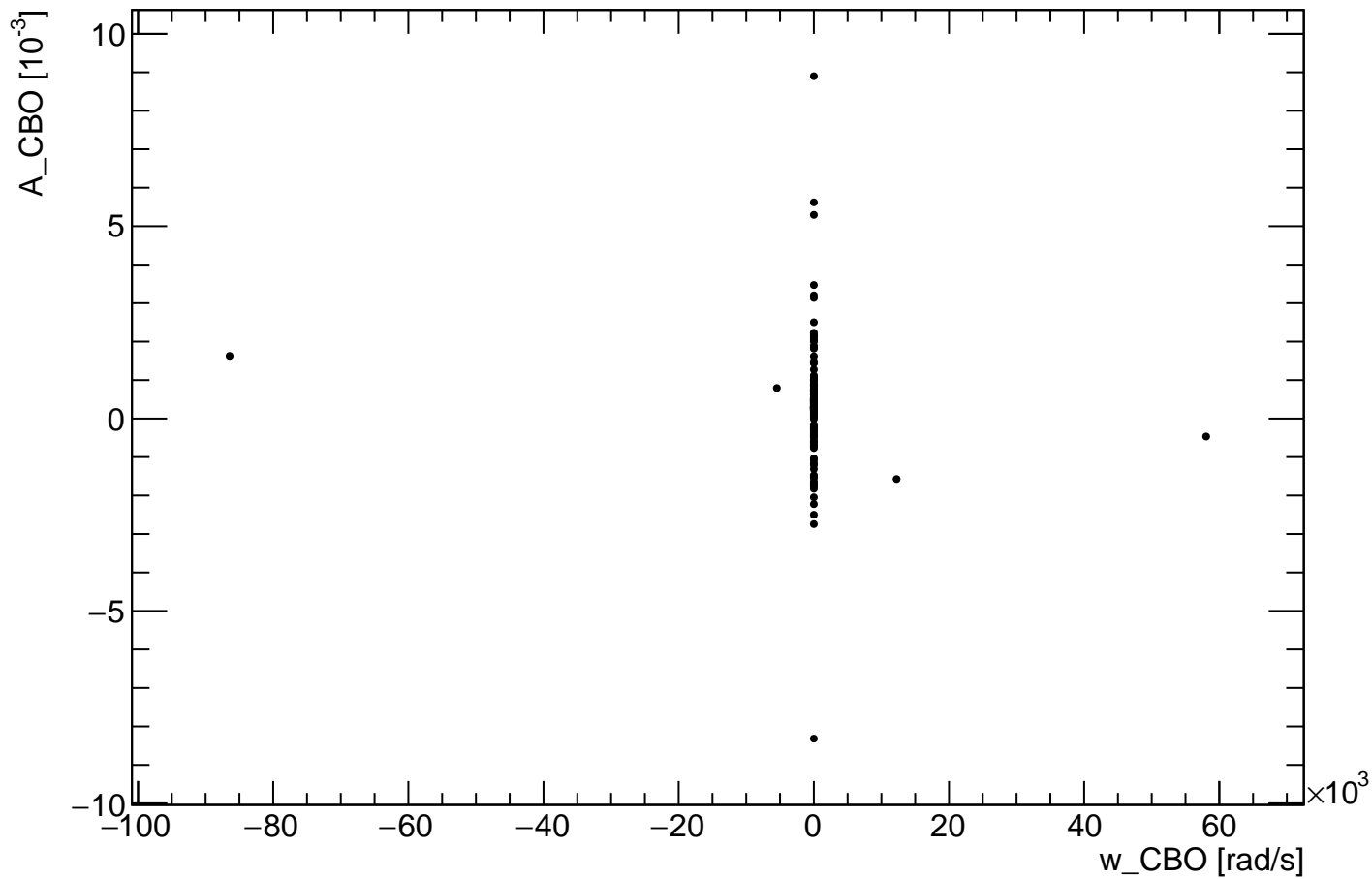


$$(\omega_{\text{CBO}} t - \phi_{\text{CBO}})_{\text{window}} - (\omega_0 t - \phi_0)_{\text{late}}$$

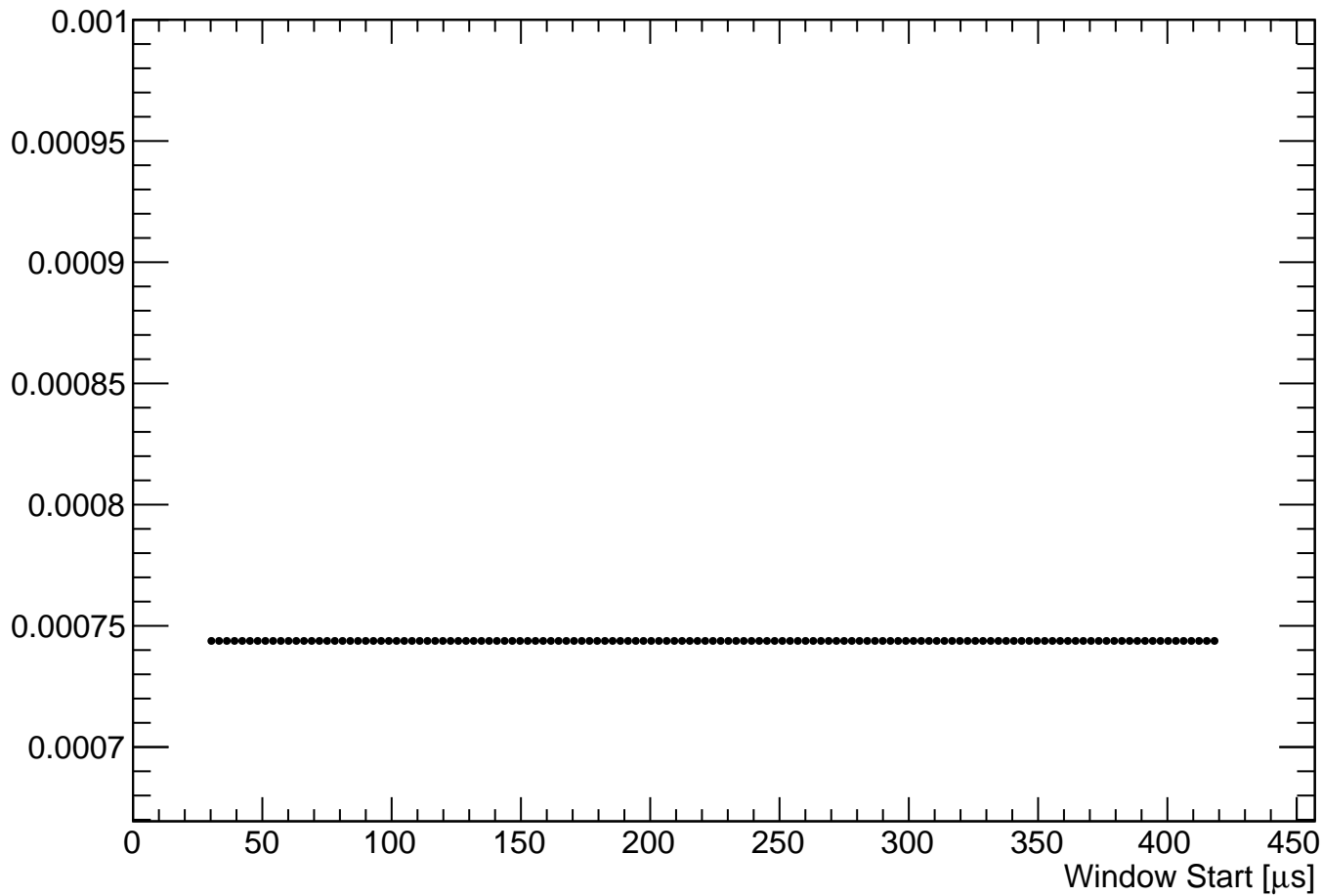




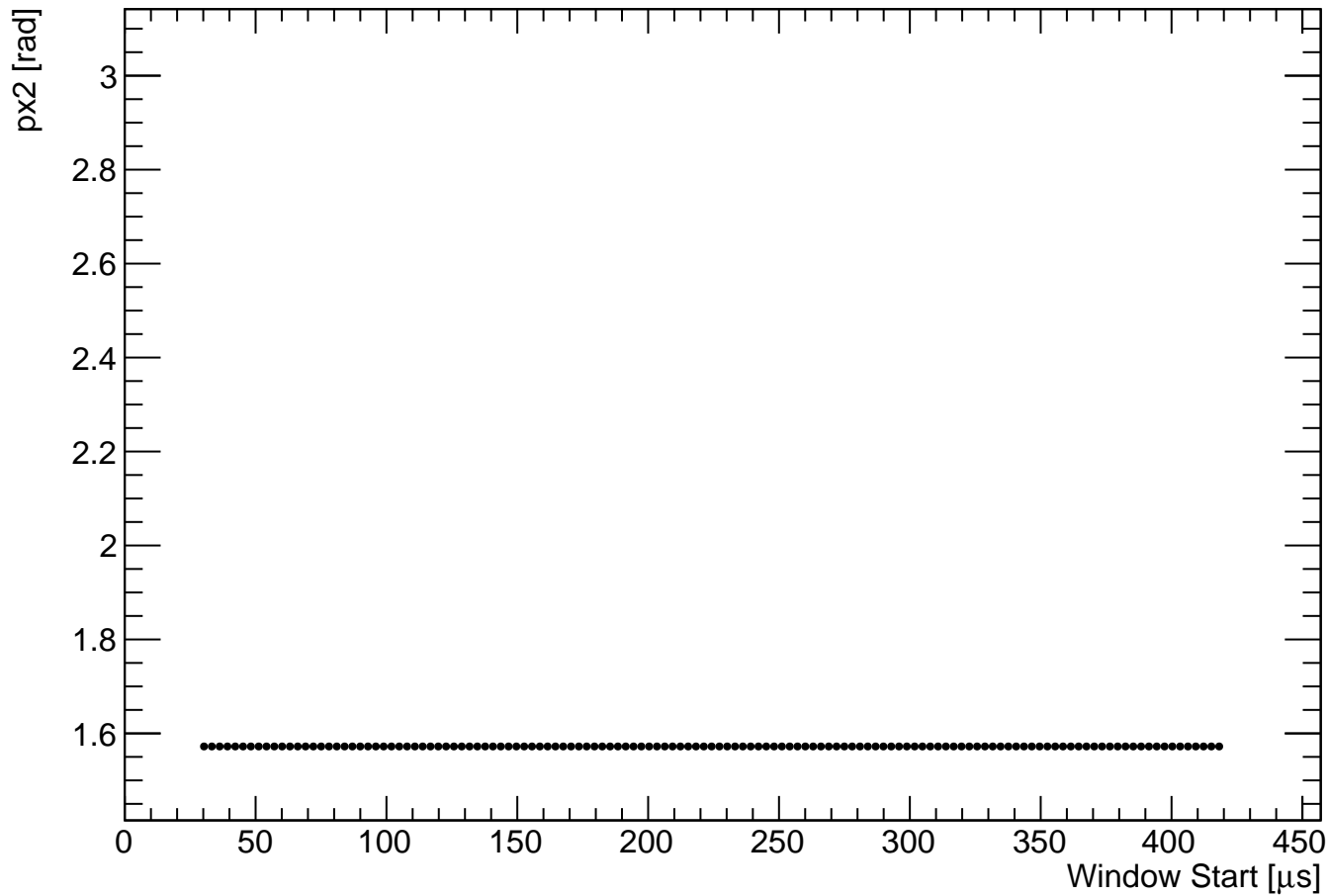
w\_CBO vs A\_CBO



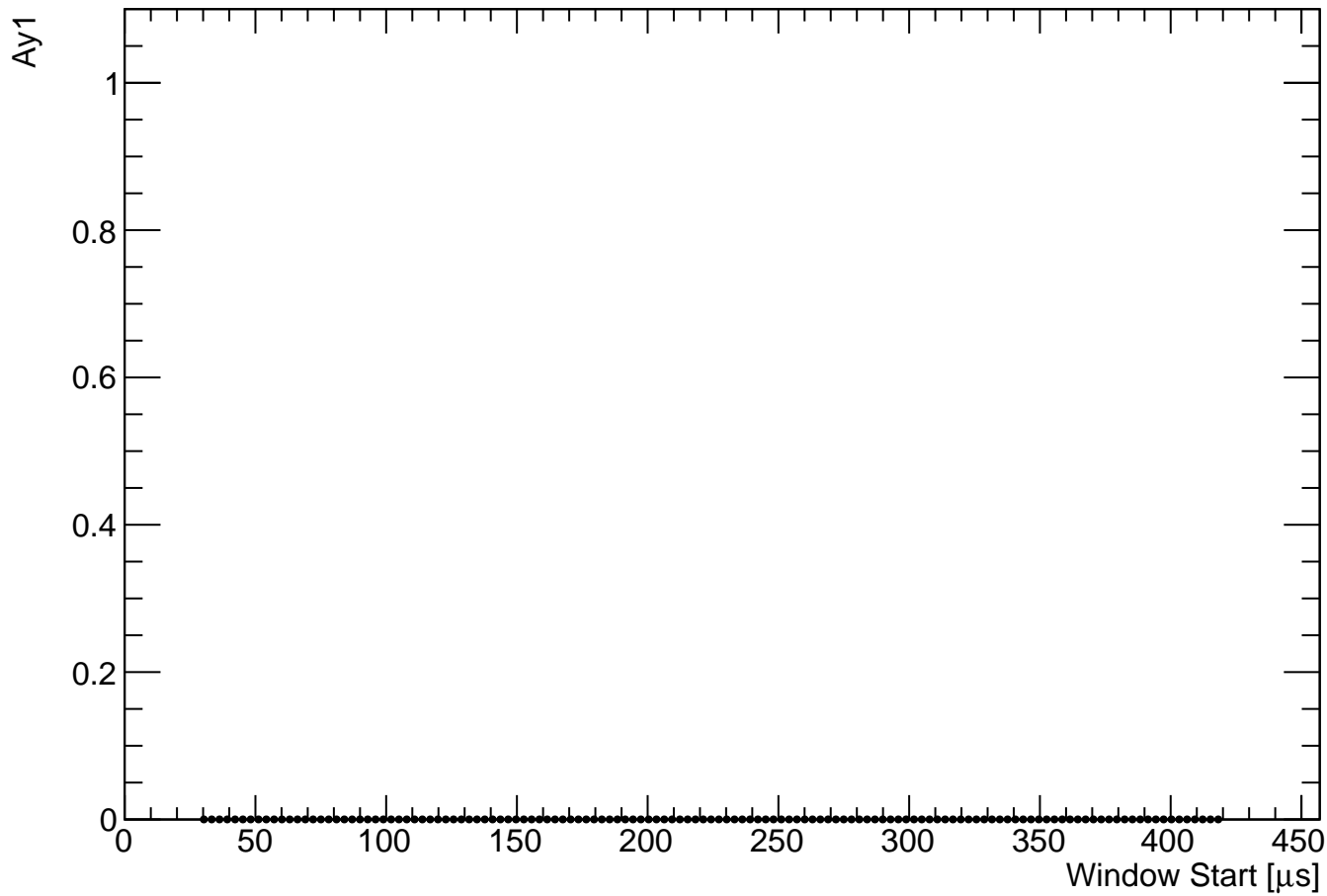
Ax2



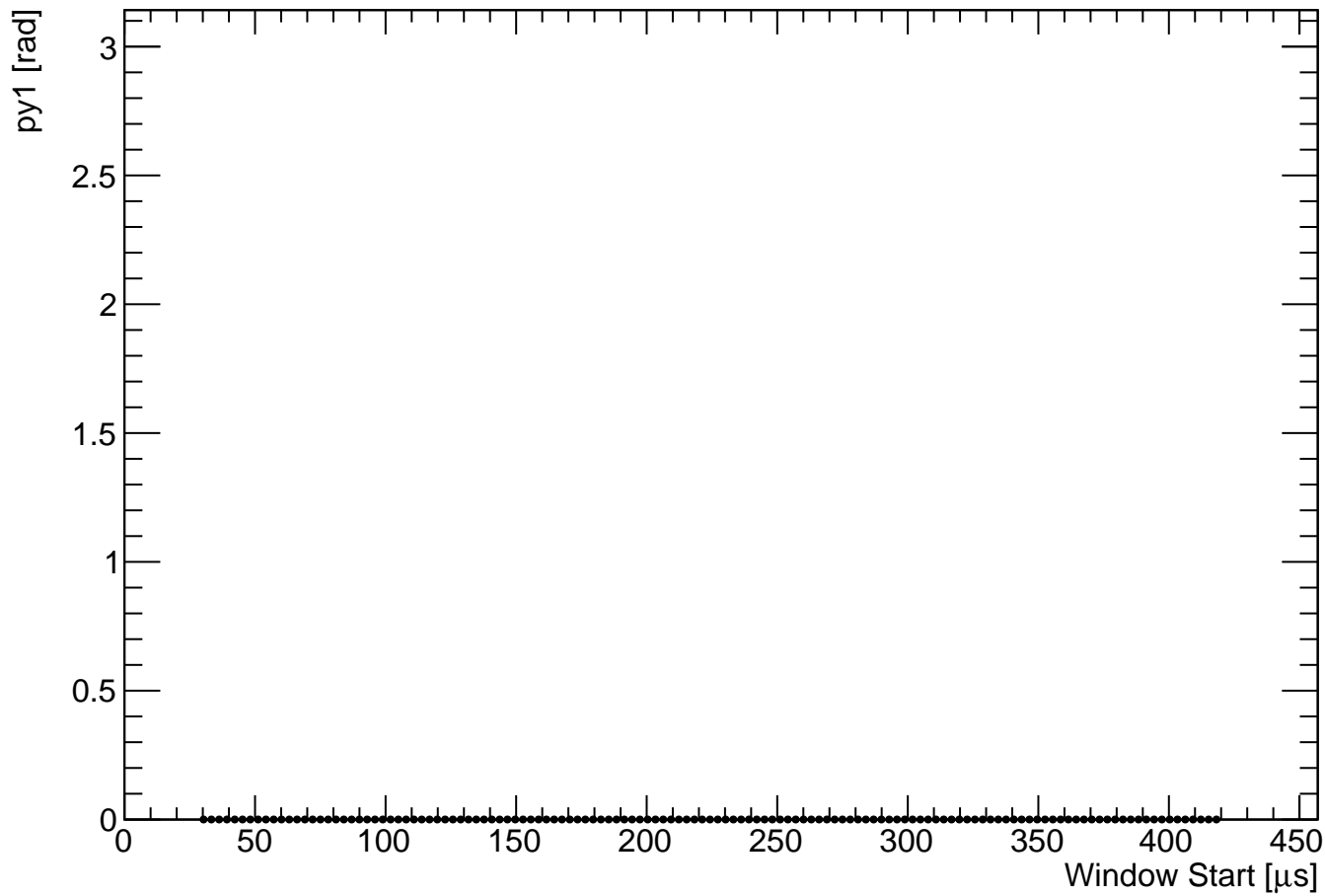
px2



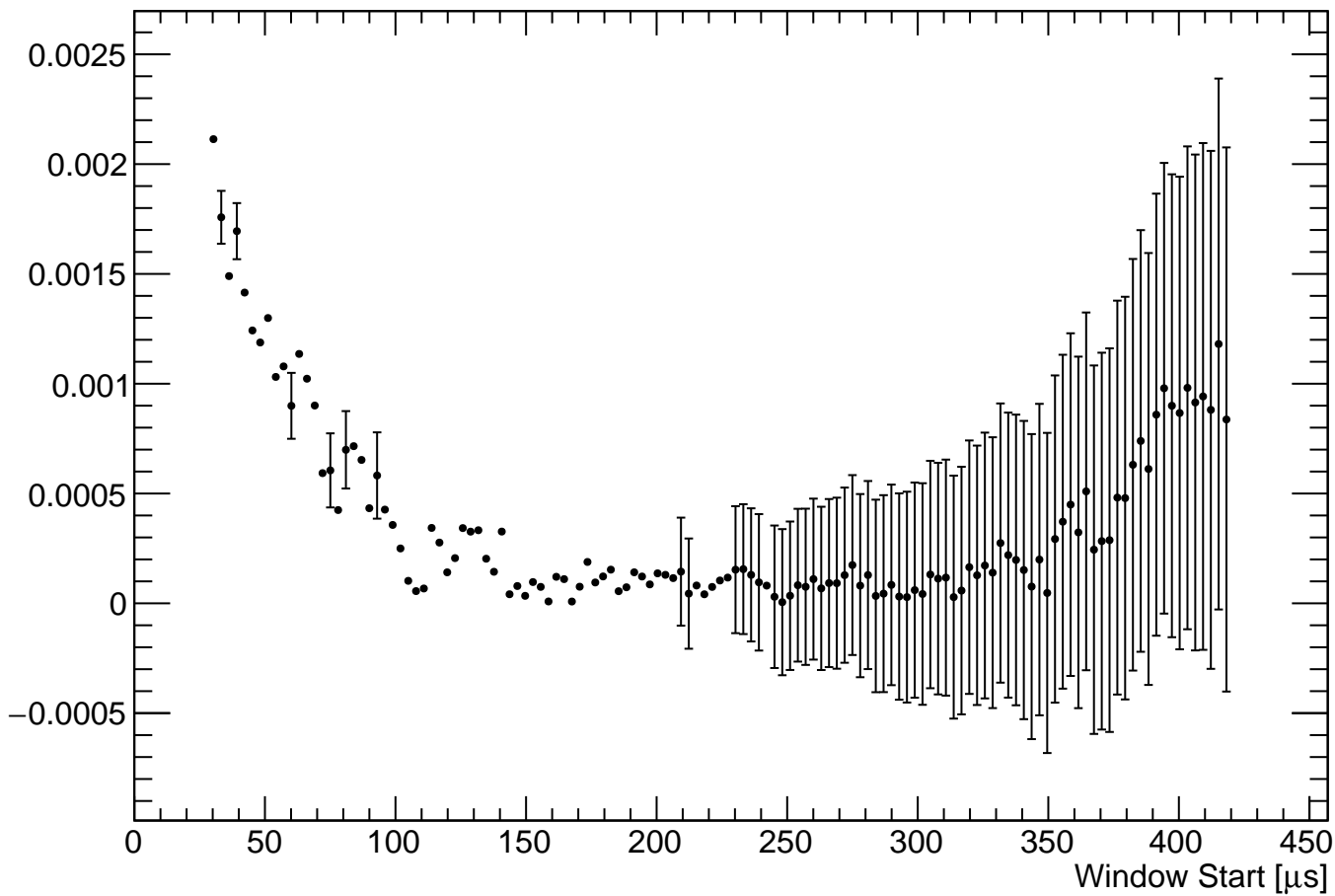
# Ay1



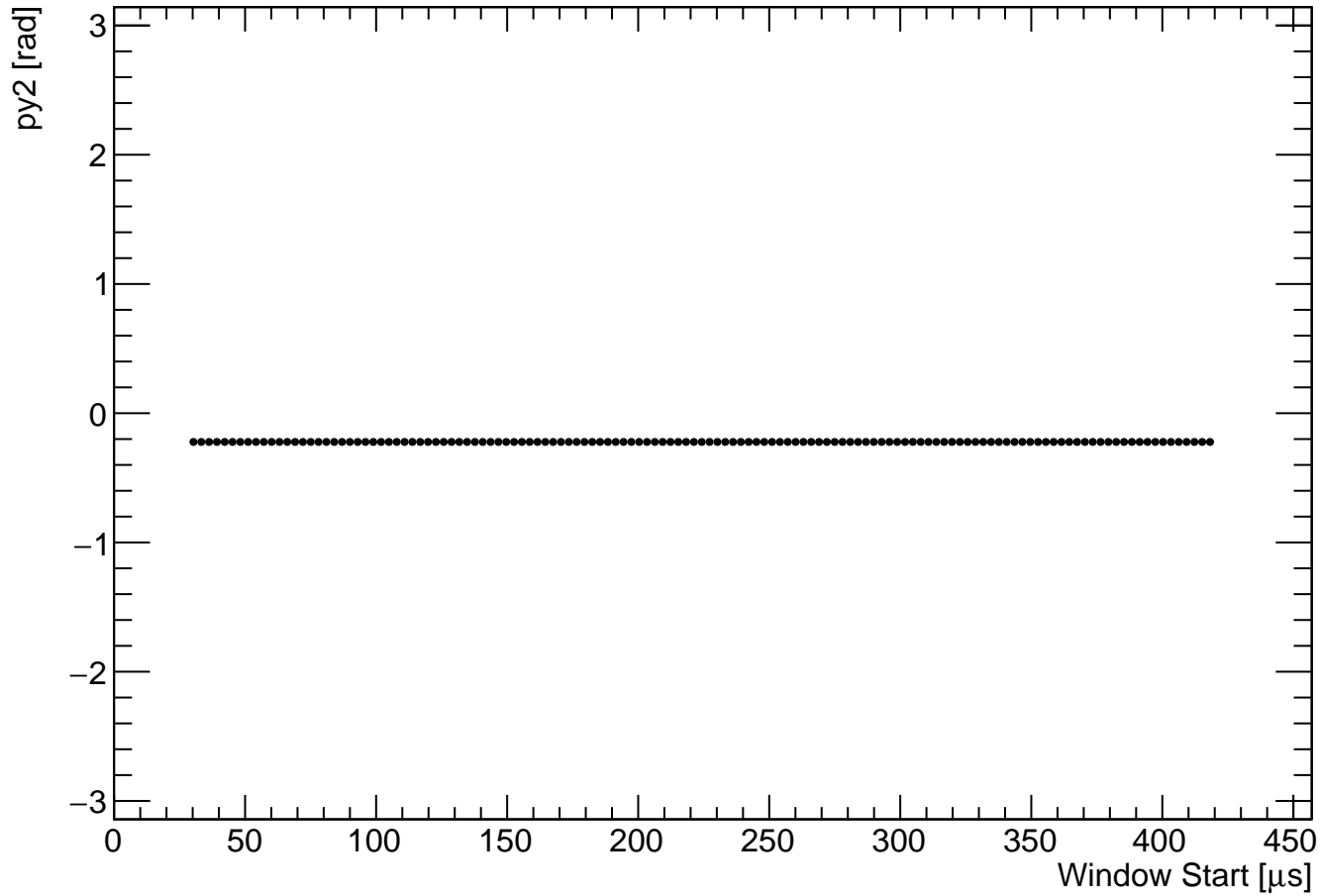
py1



# Ay2



py2

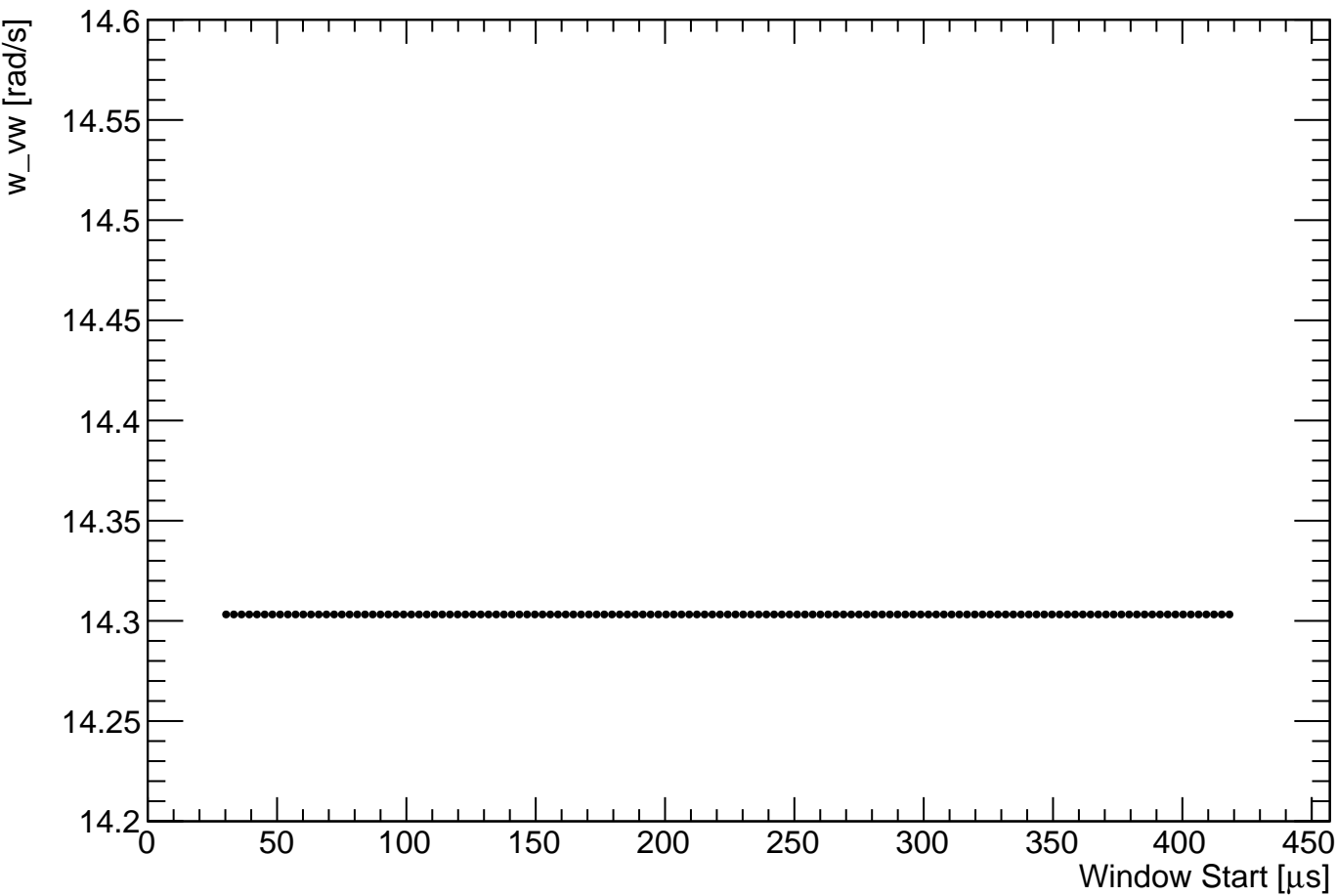


$w_y$

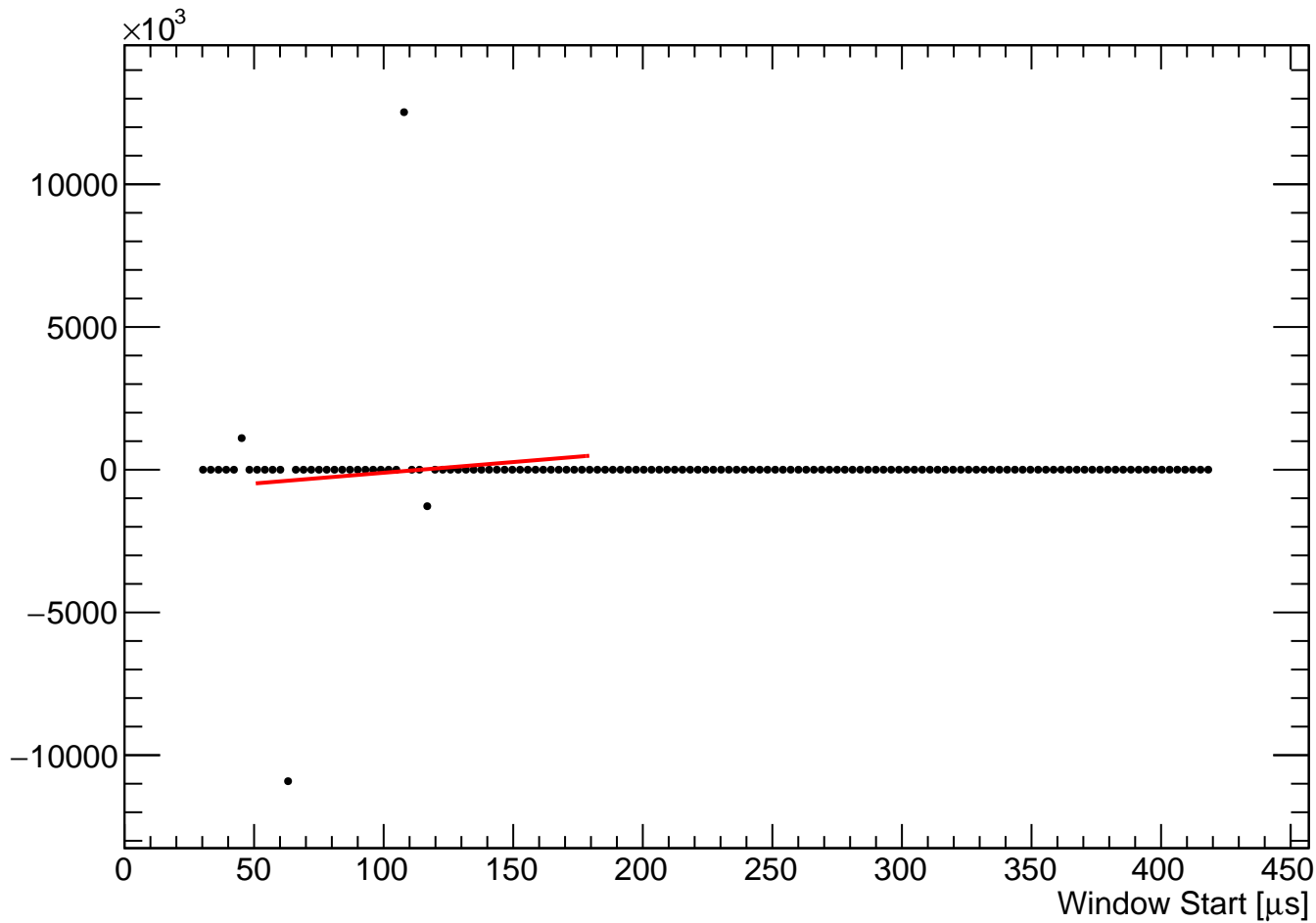




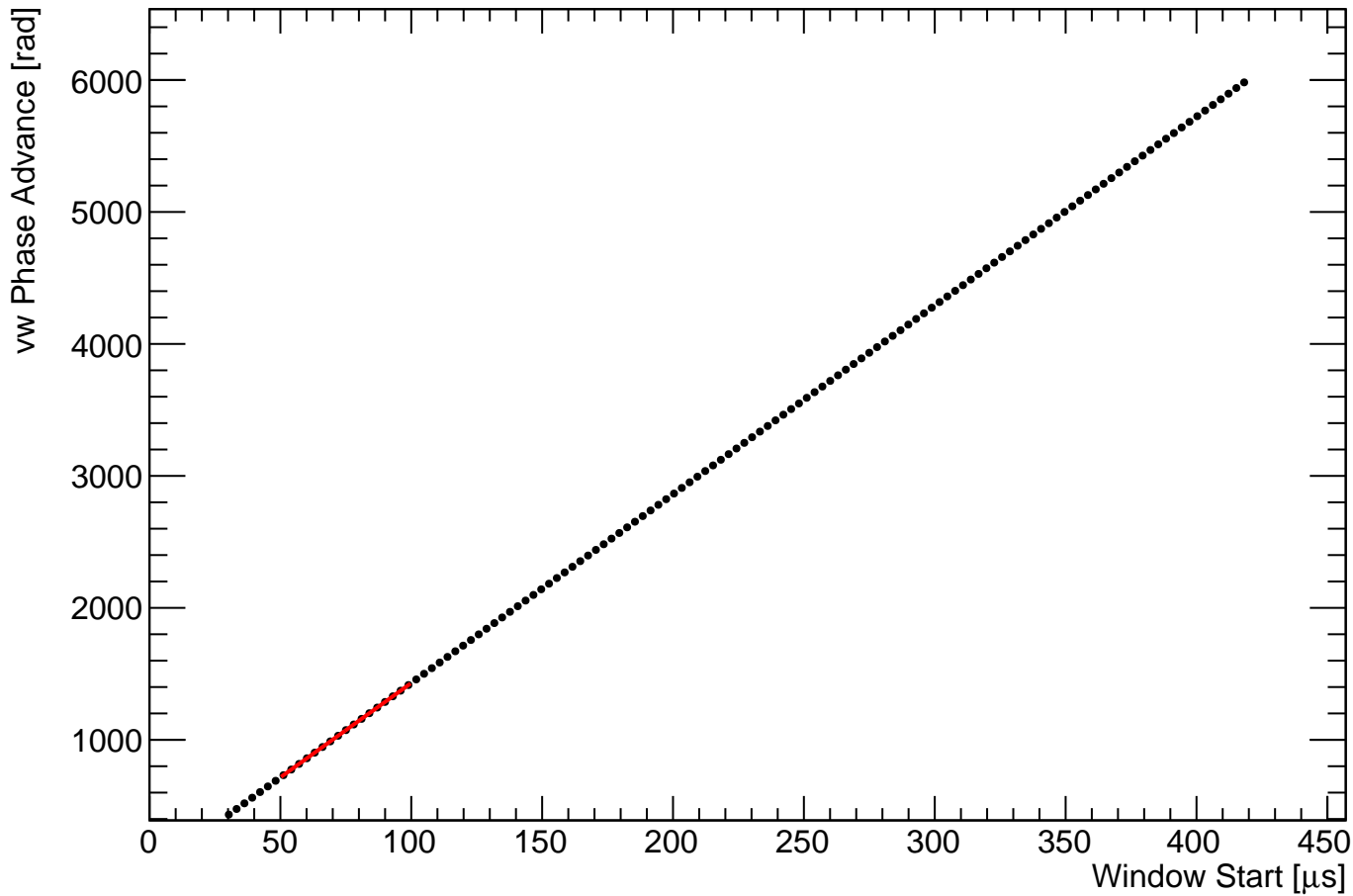
W\_VW



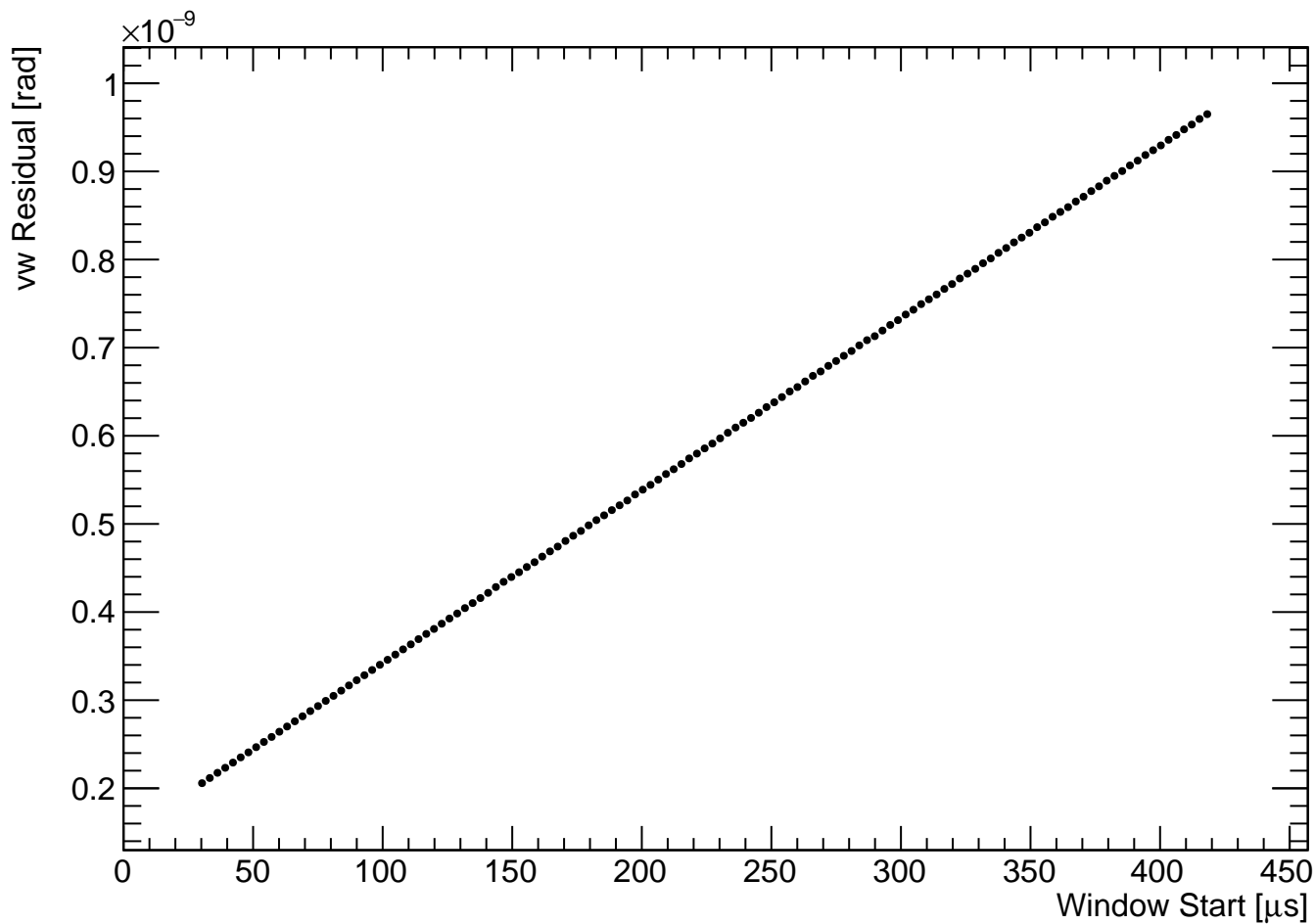
# 2CBO Phase Advance



# vw Phase Advance



# vw Phase Advance Residual



# 2CBO Phase Advance Residual

