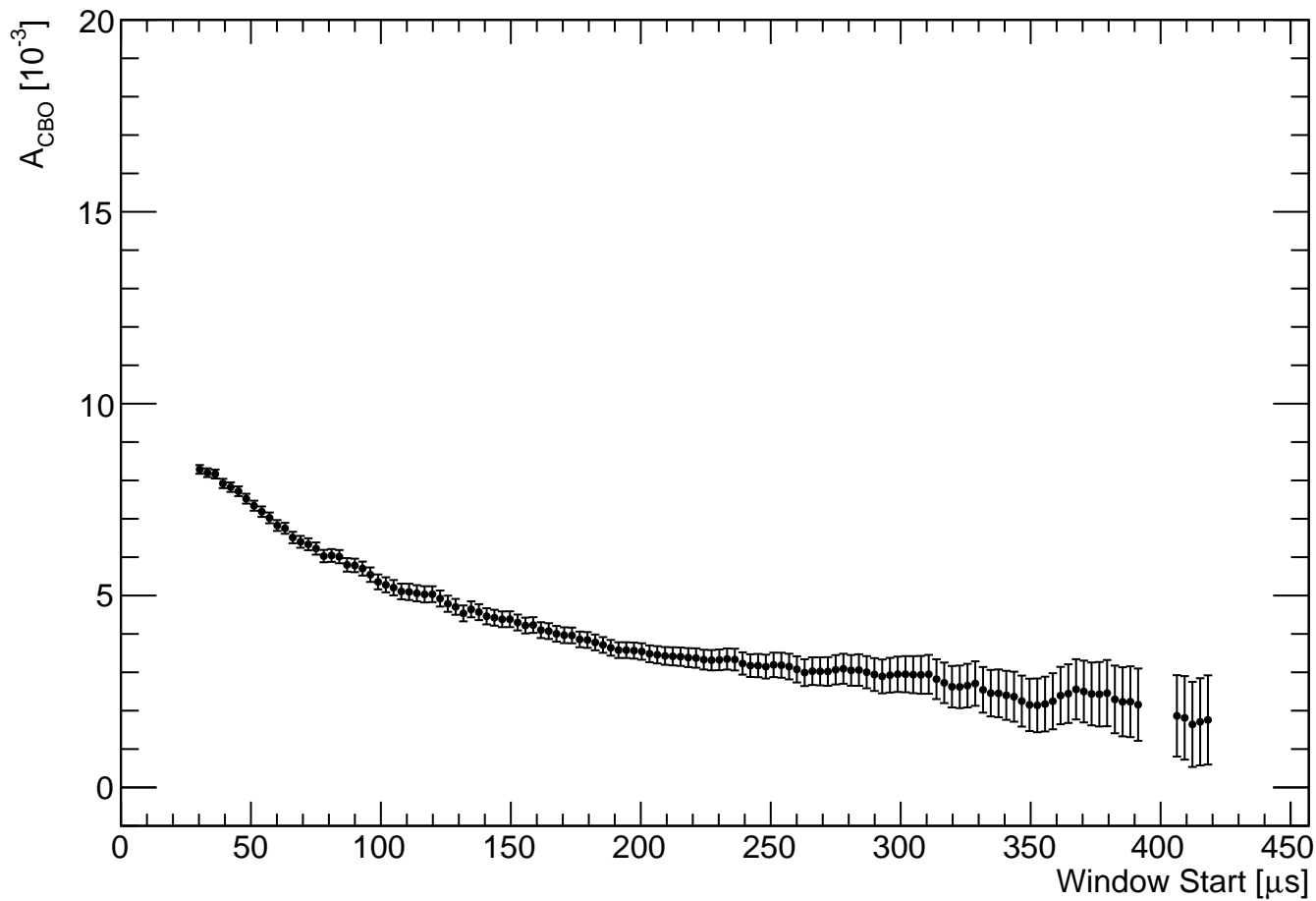
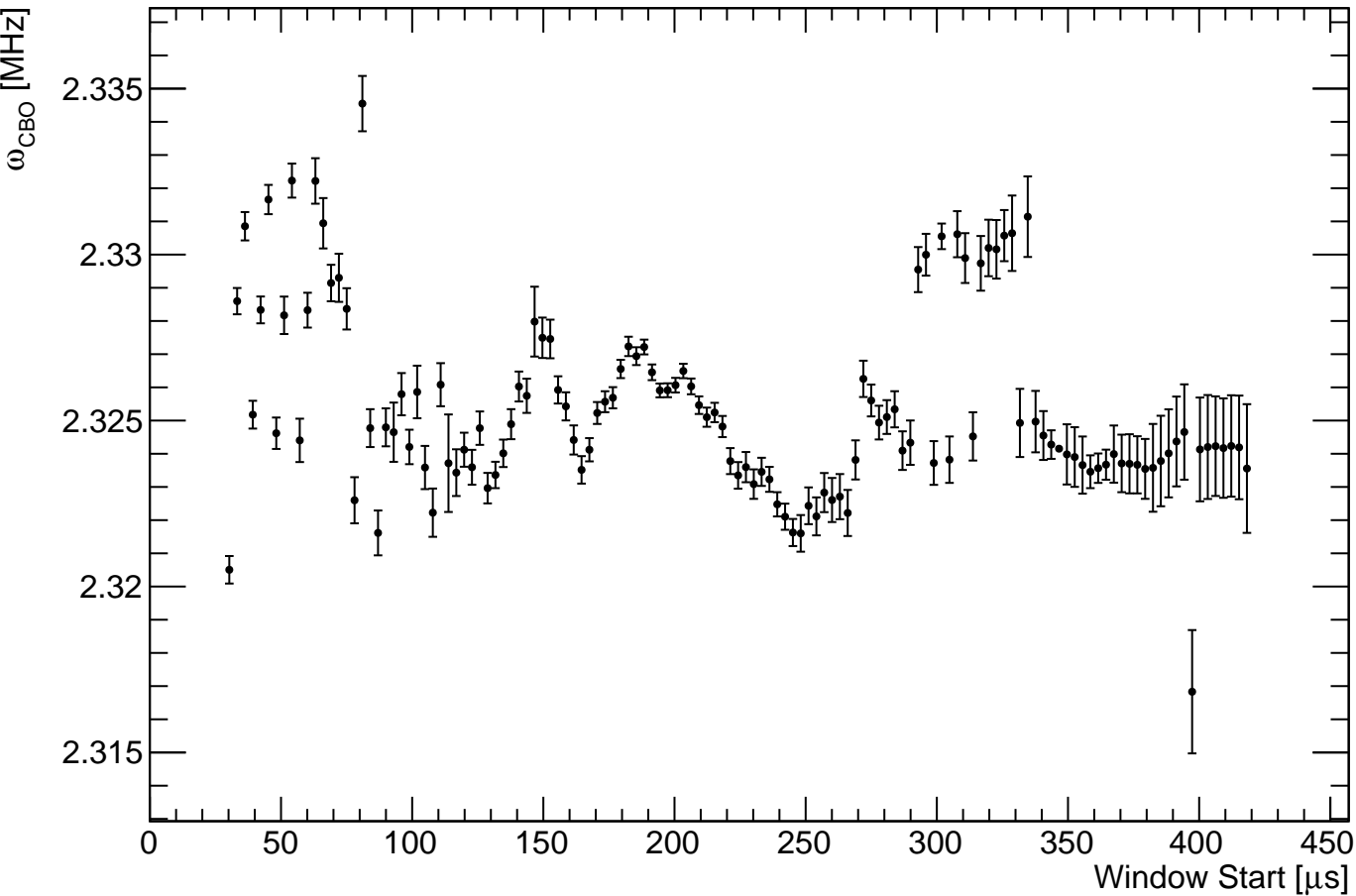


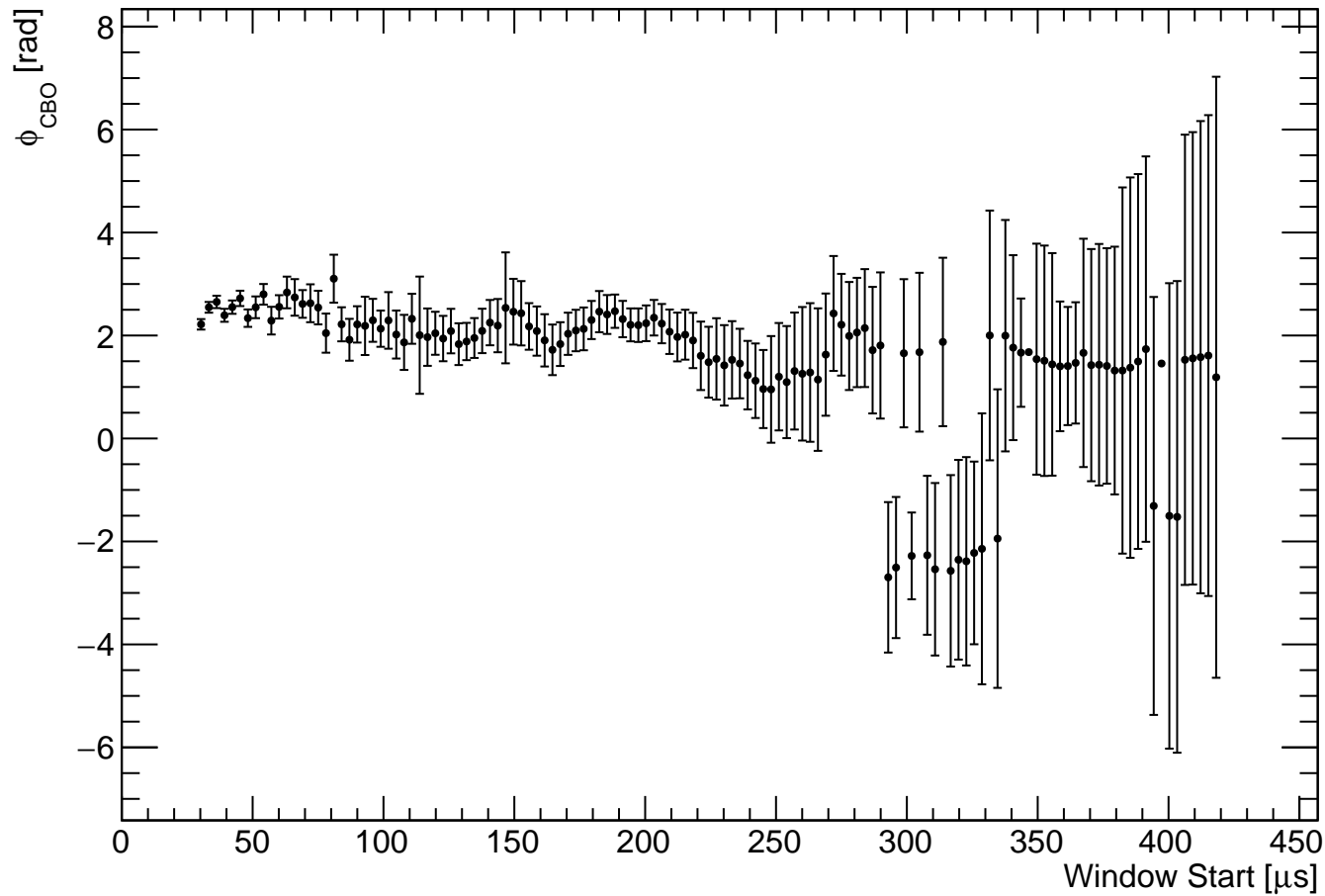
A\_CBO v time



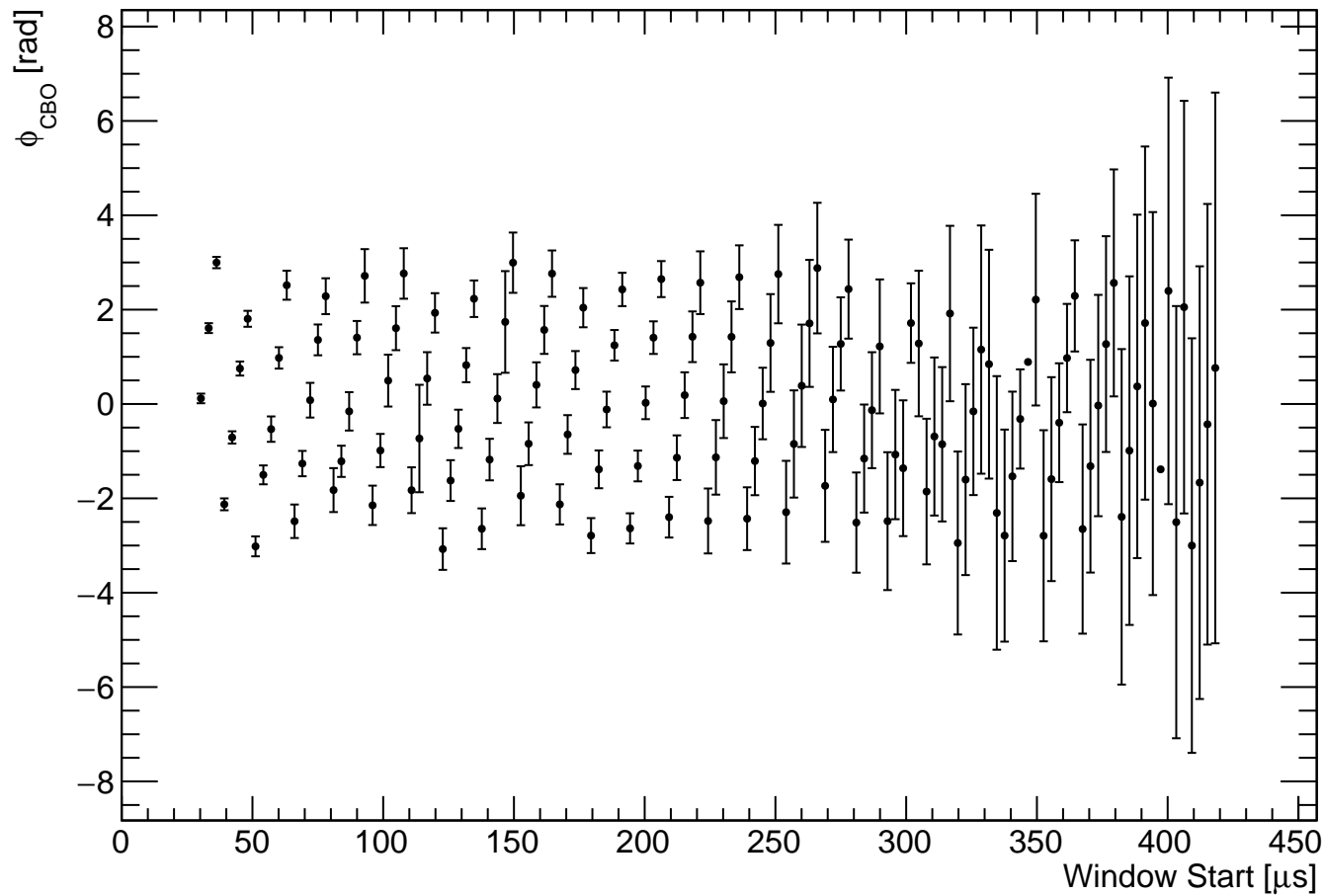
w\_CBO v time



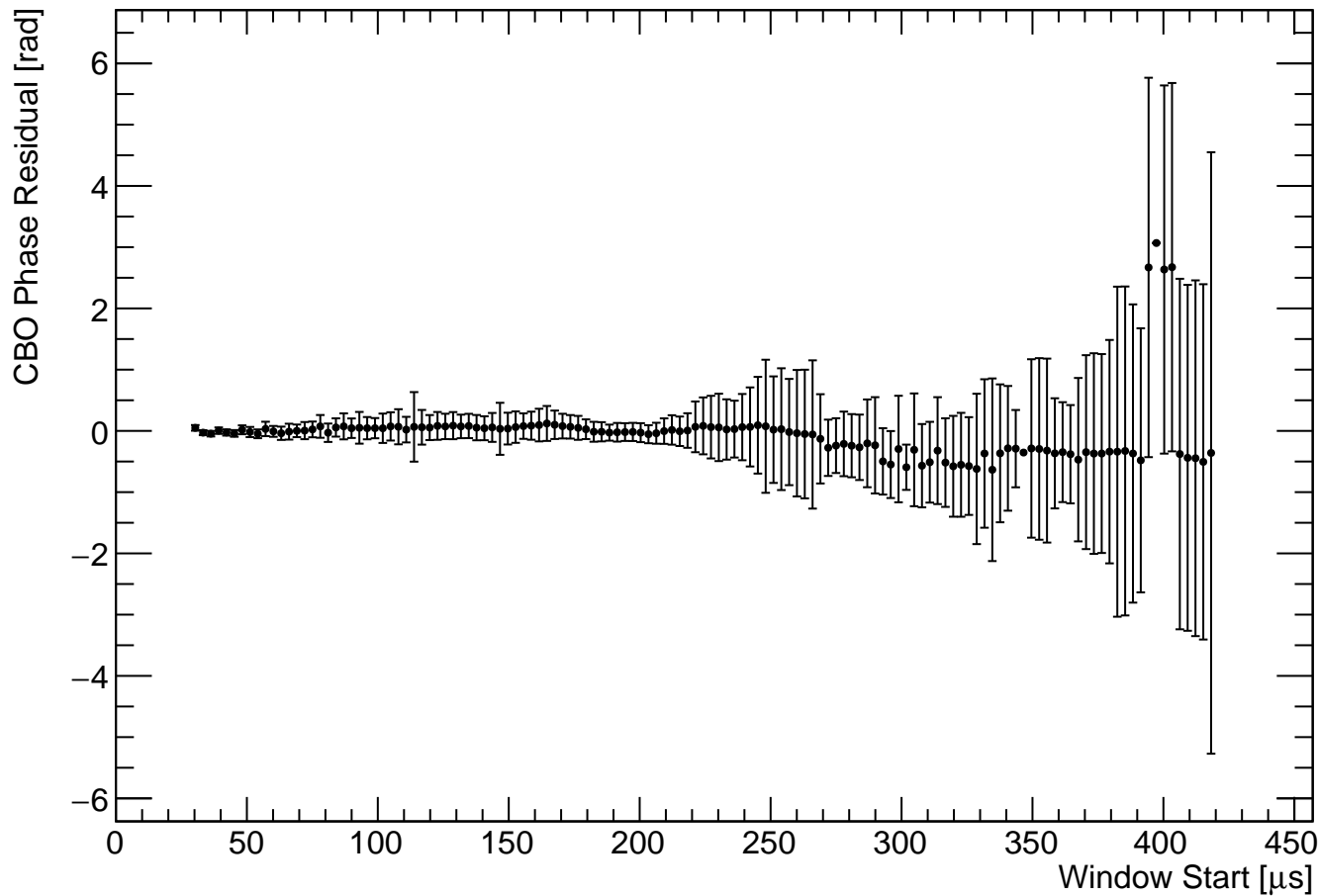
p\_CBO v time



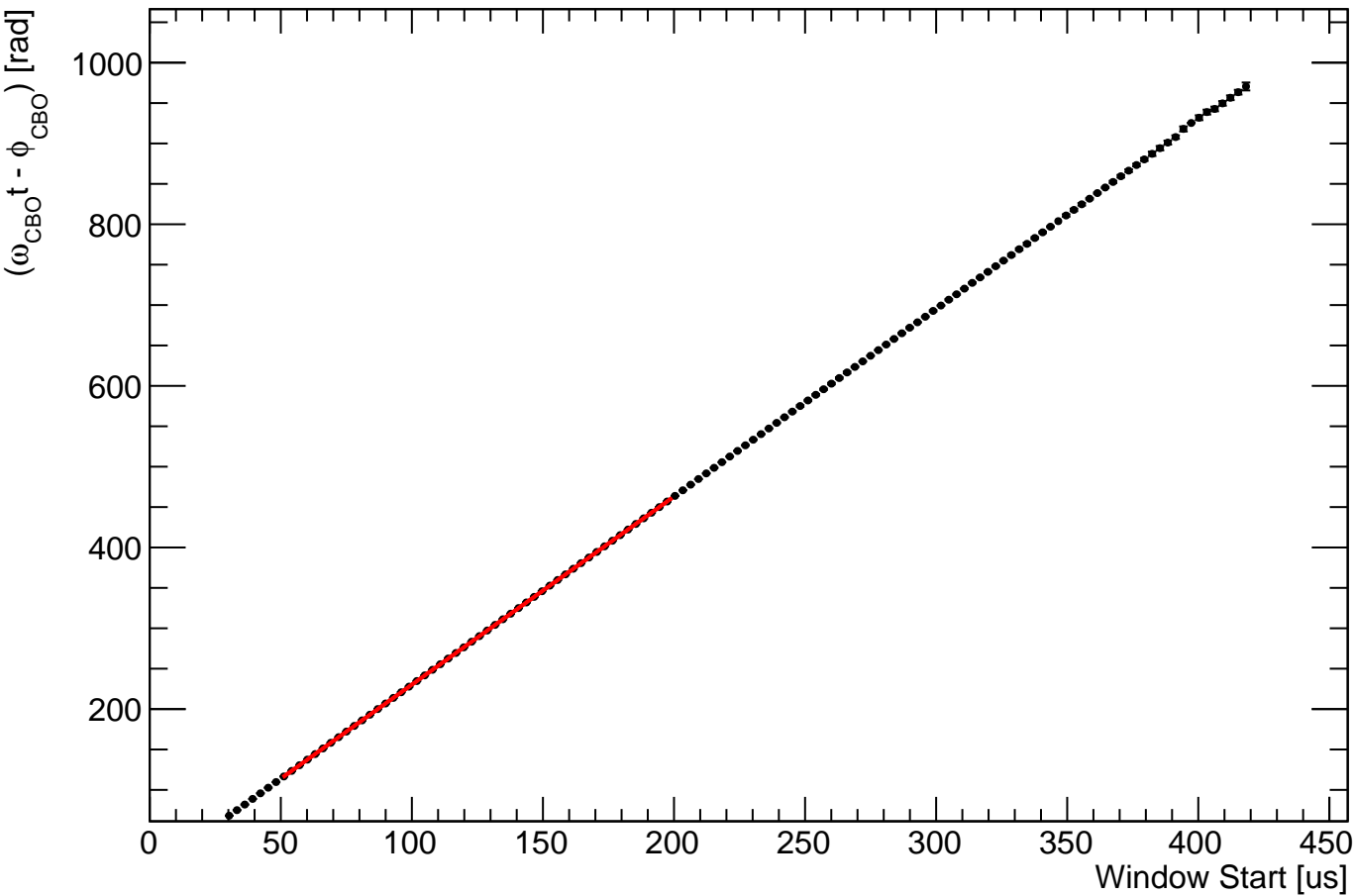
# p\_CBO at window start



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

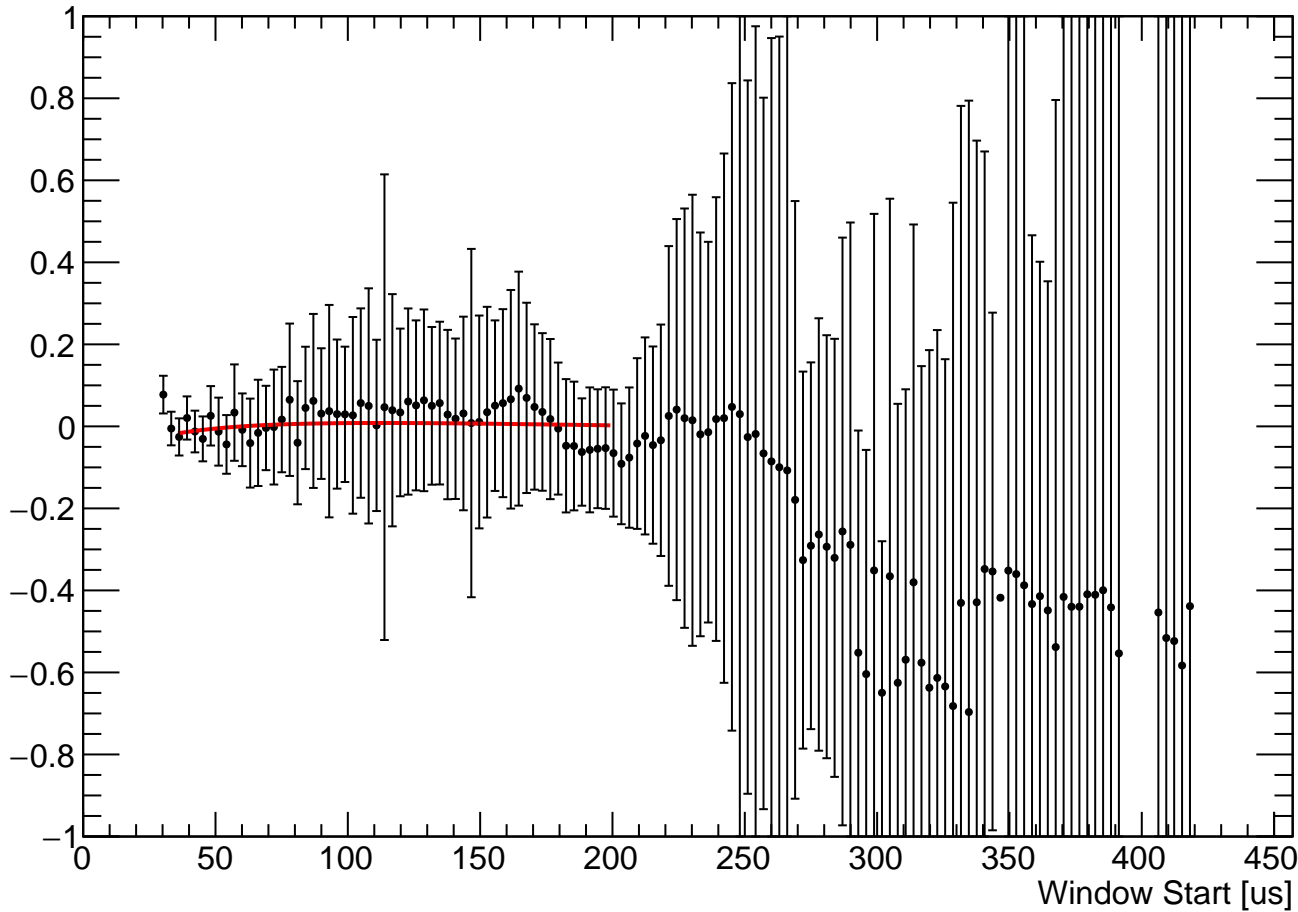


# CBO Phase Advance from Sliding Windows

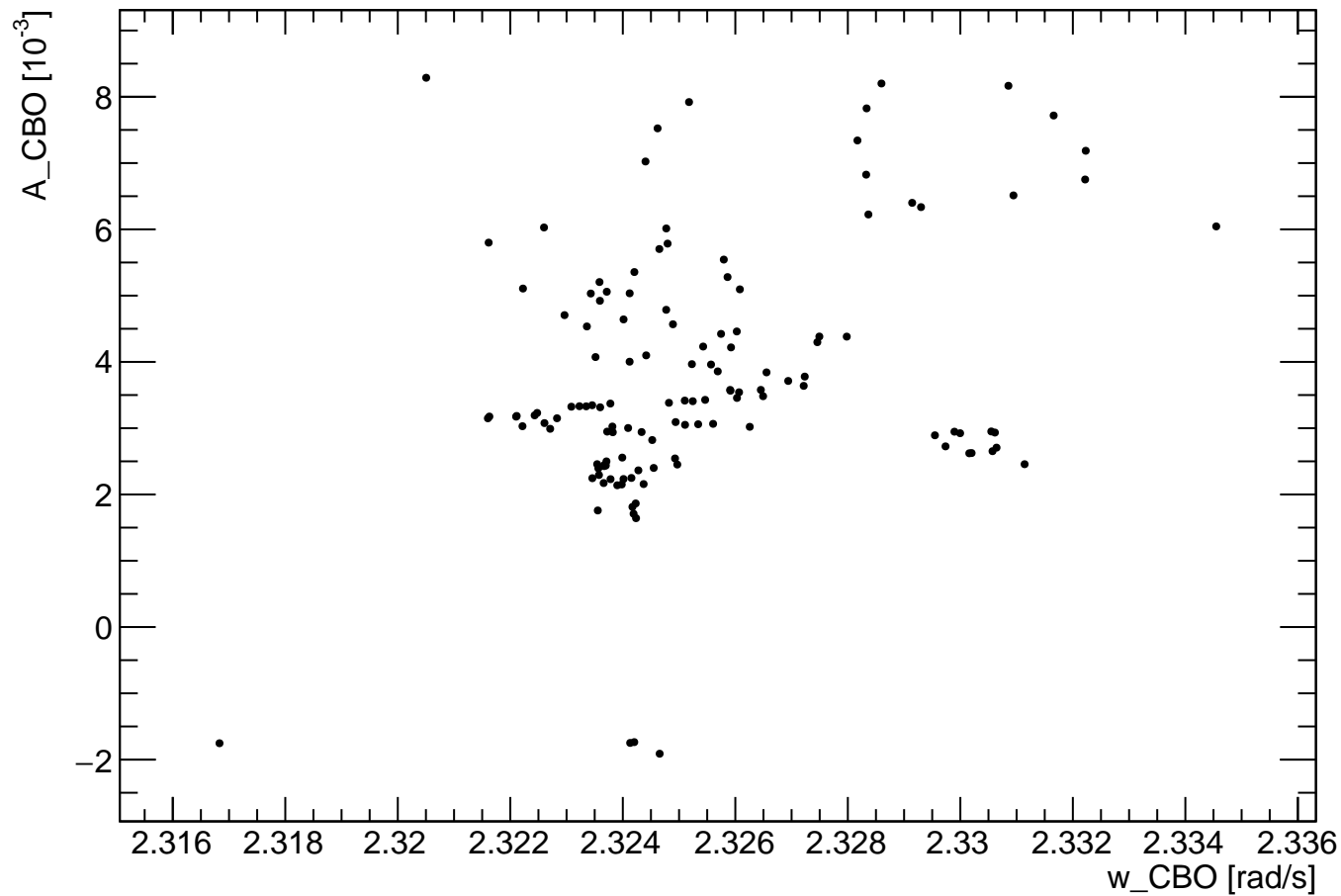


$$(\omega_{\text{CBO}} t - \phi_{\text{CBO}})_{\text{window}} - (\omega_0 t - \phi_0)_{\text{late}}$$

CBO Phase Residual [rad]

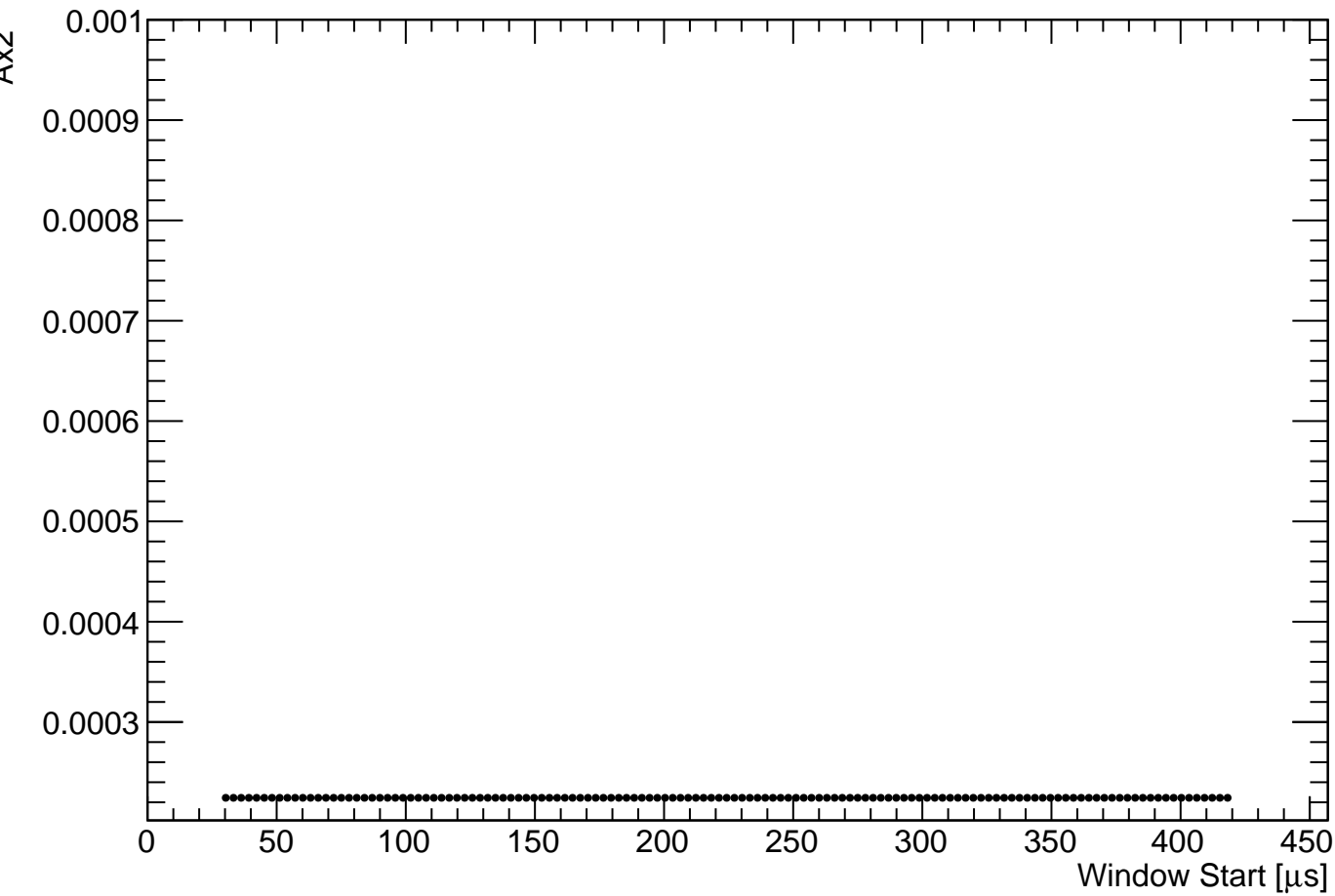


w\_CBO vs A\_CBO

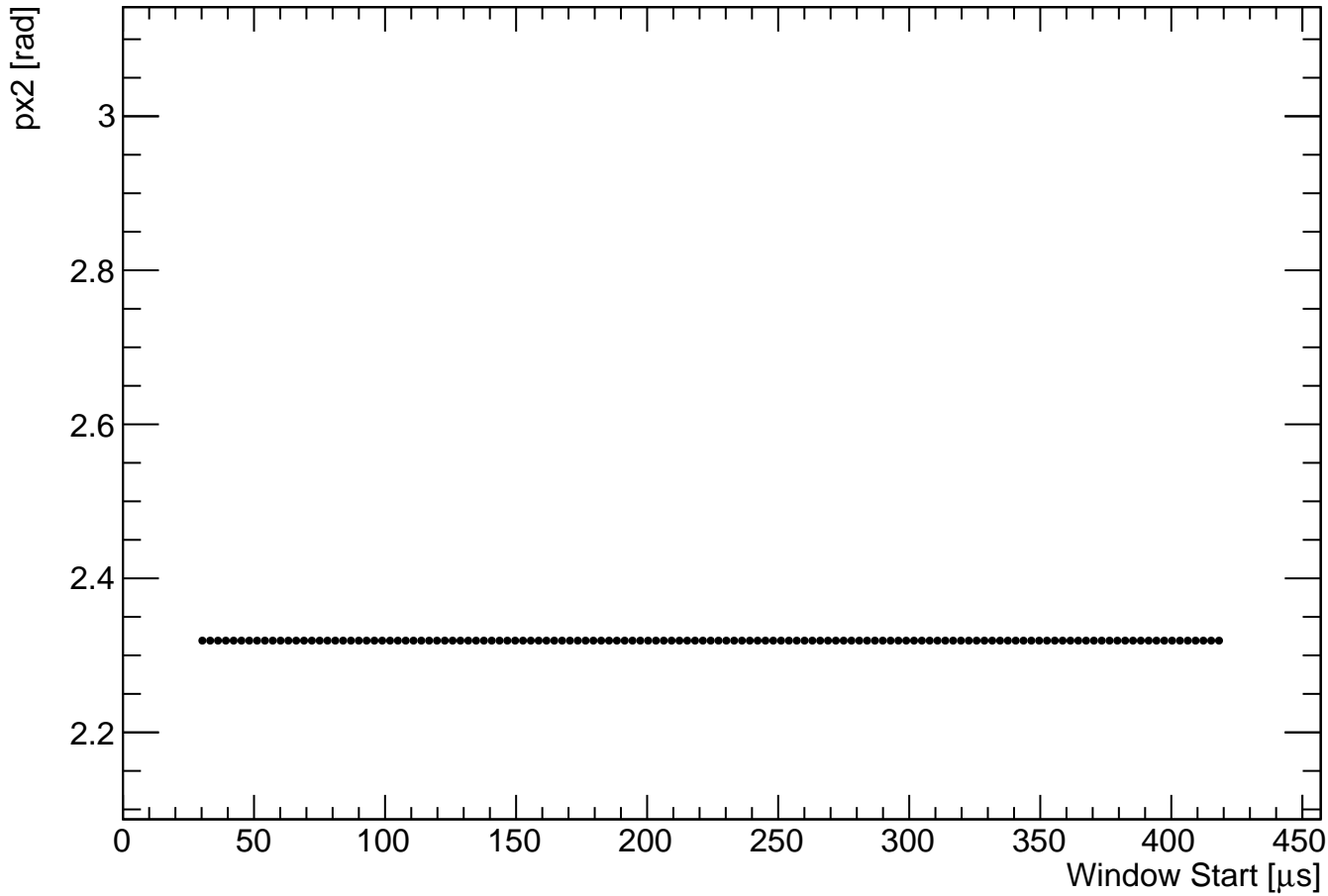




Ax2



px2



# Ay1

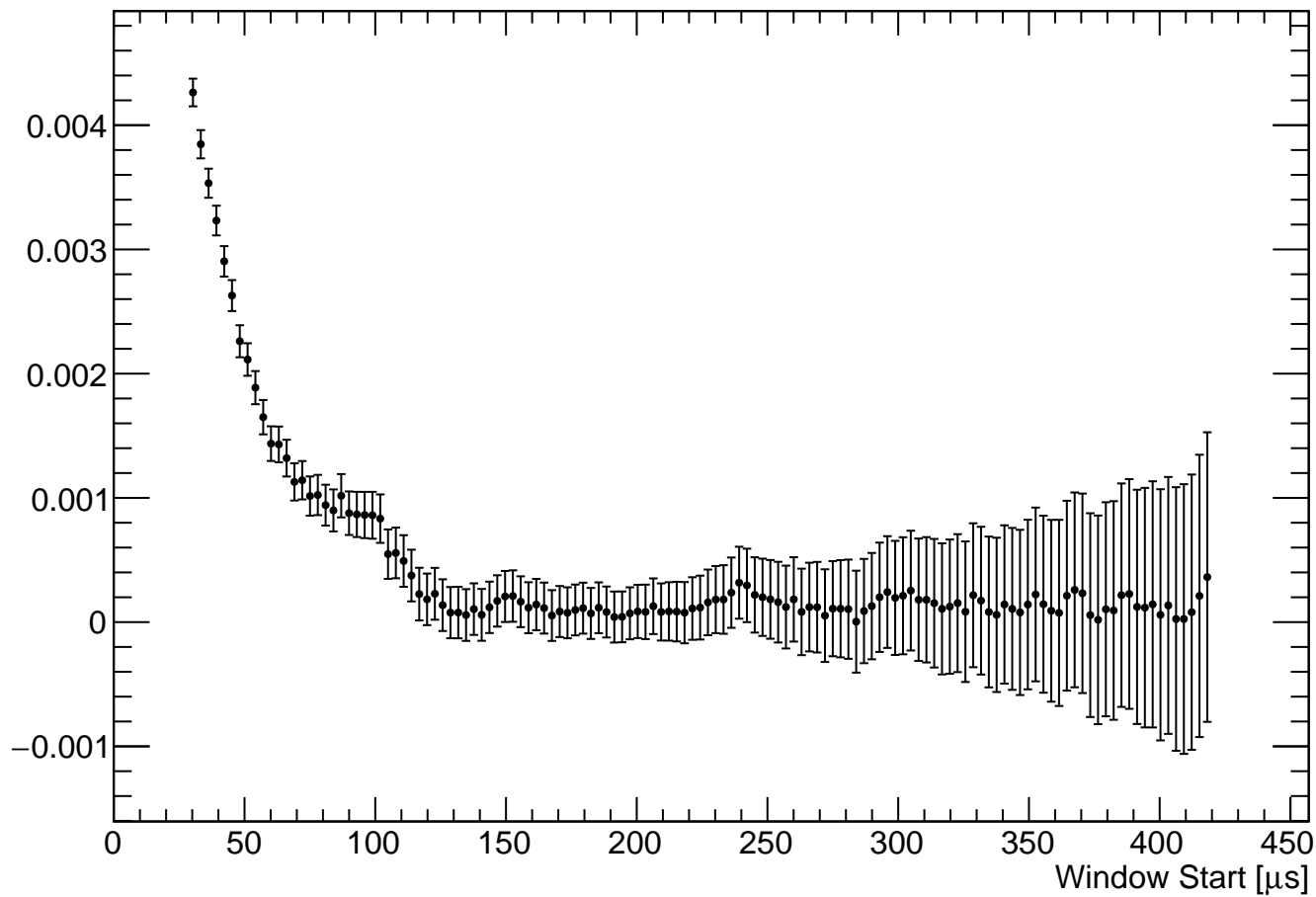


py1

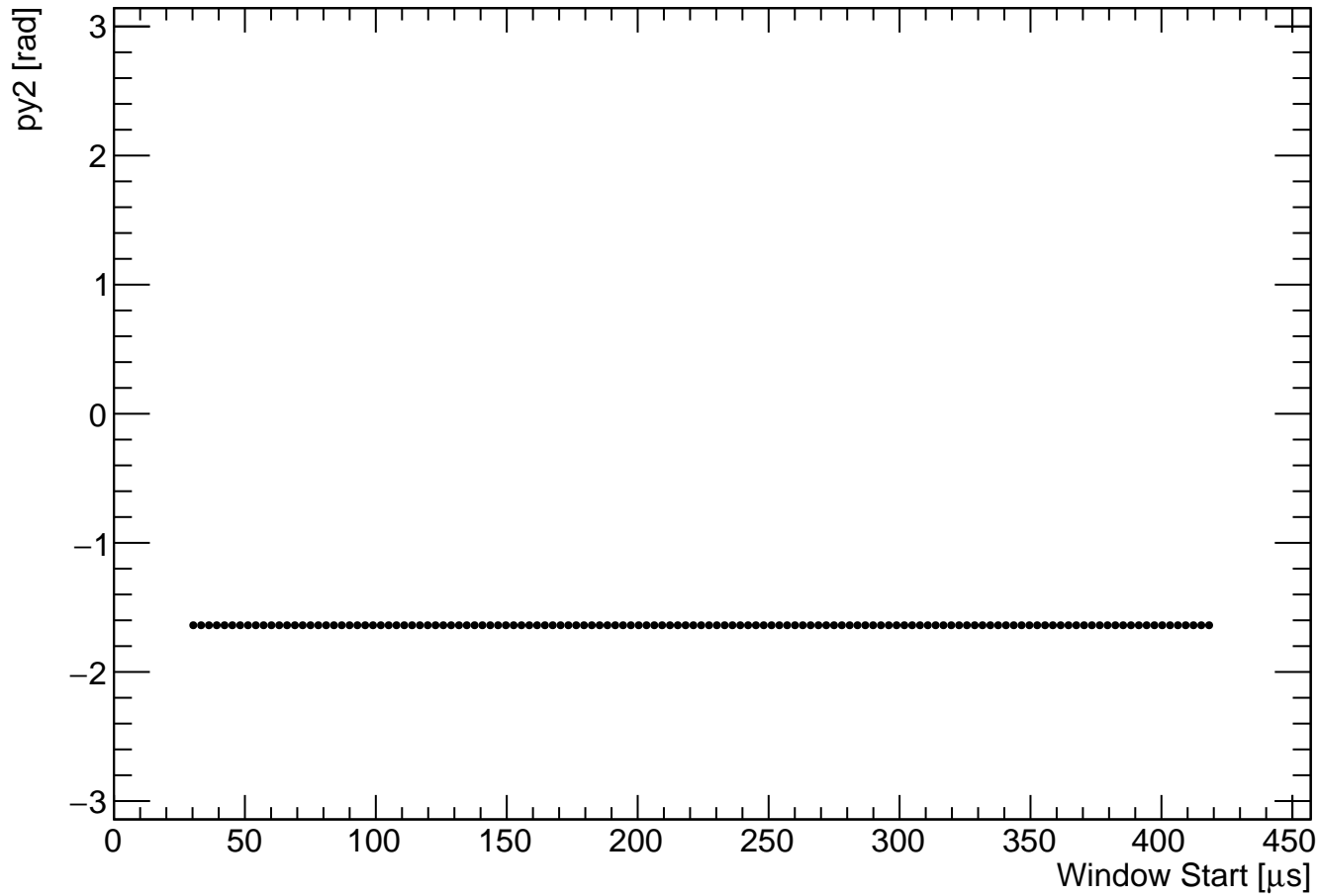


# Ay2

Ay2



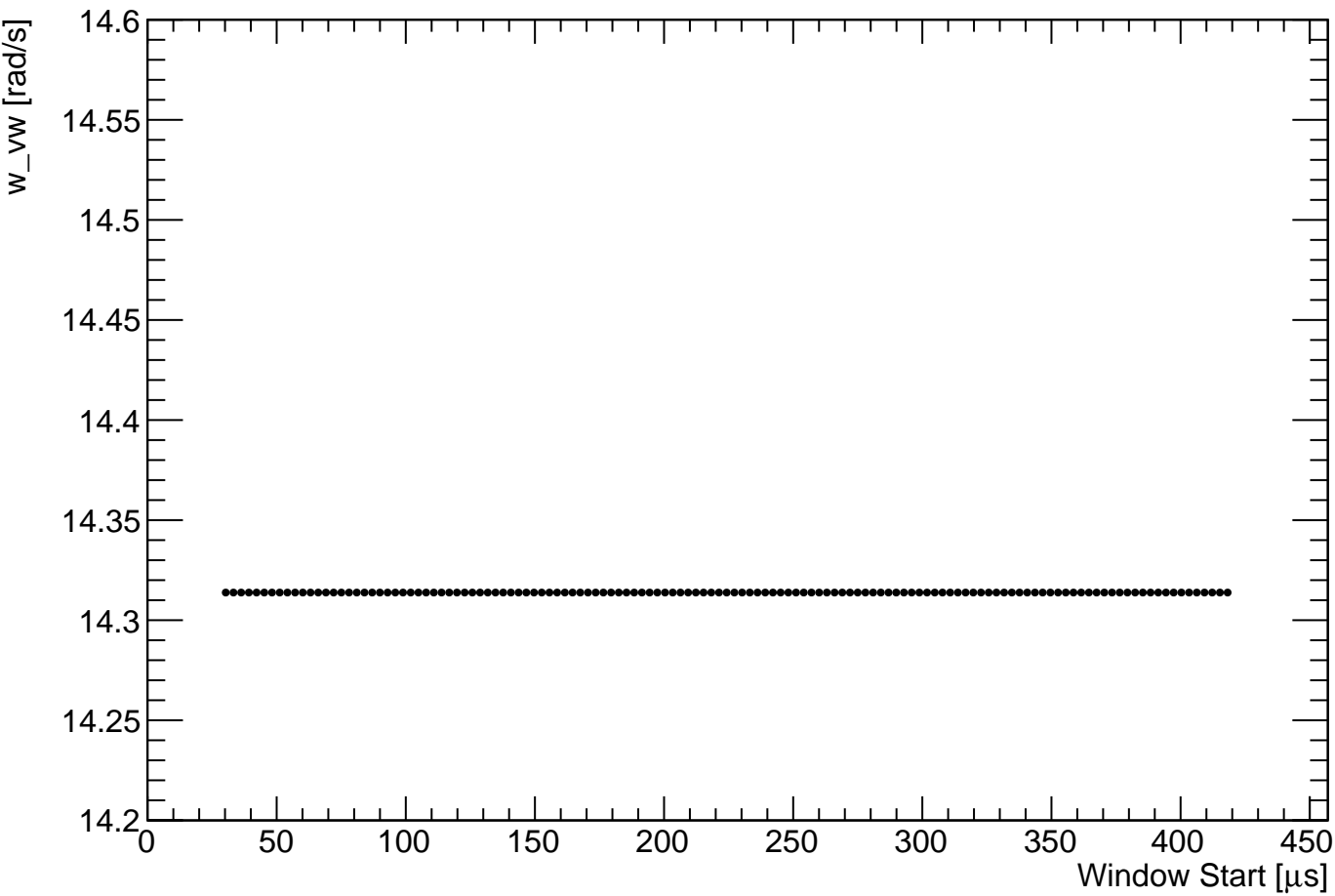
py2



$w_y$

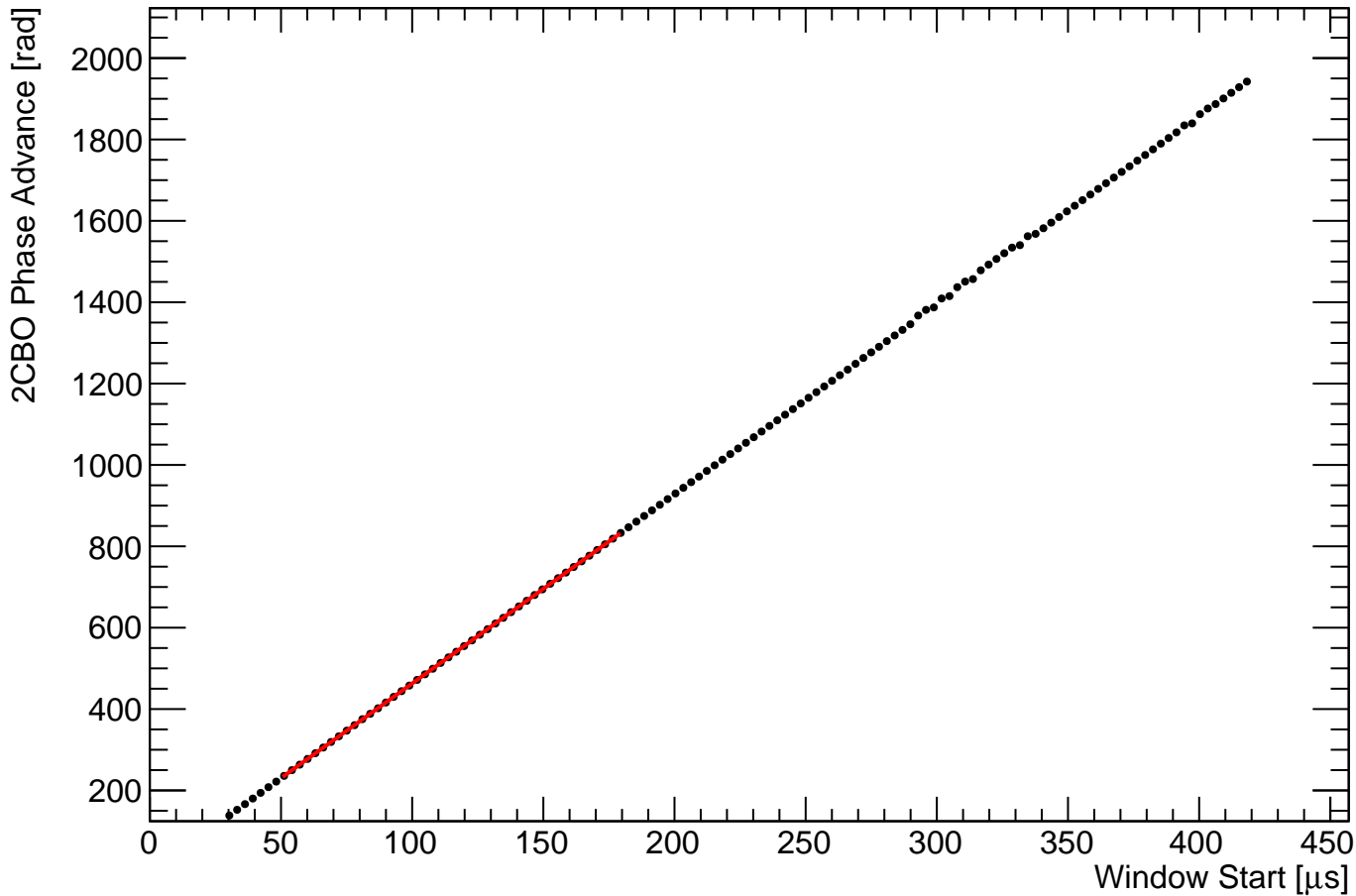


W\_VW

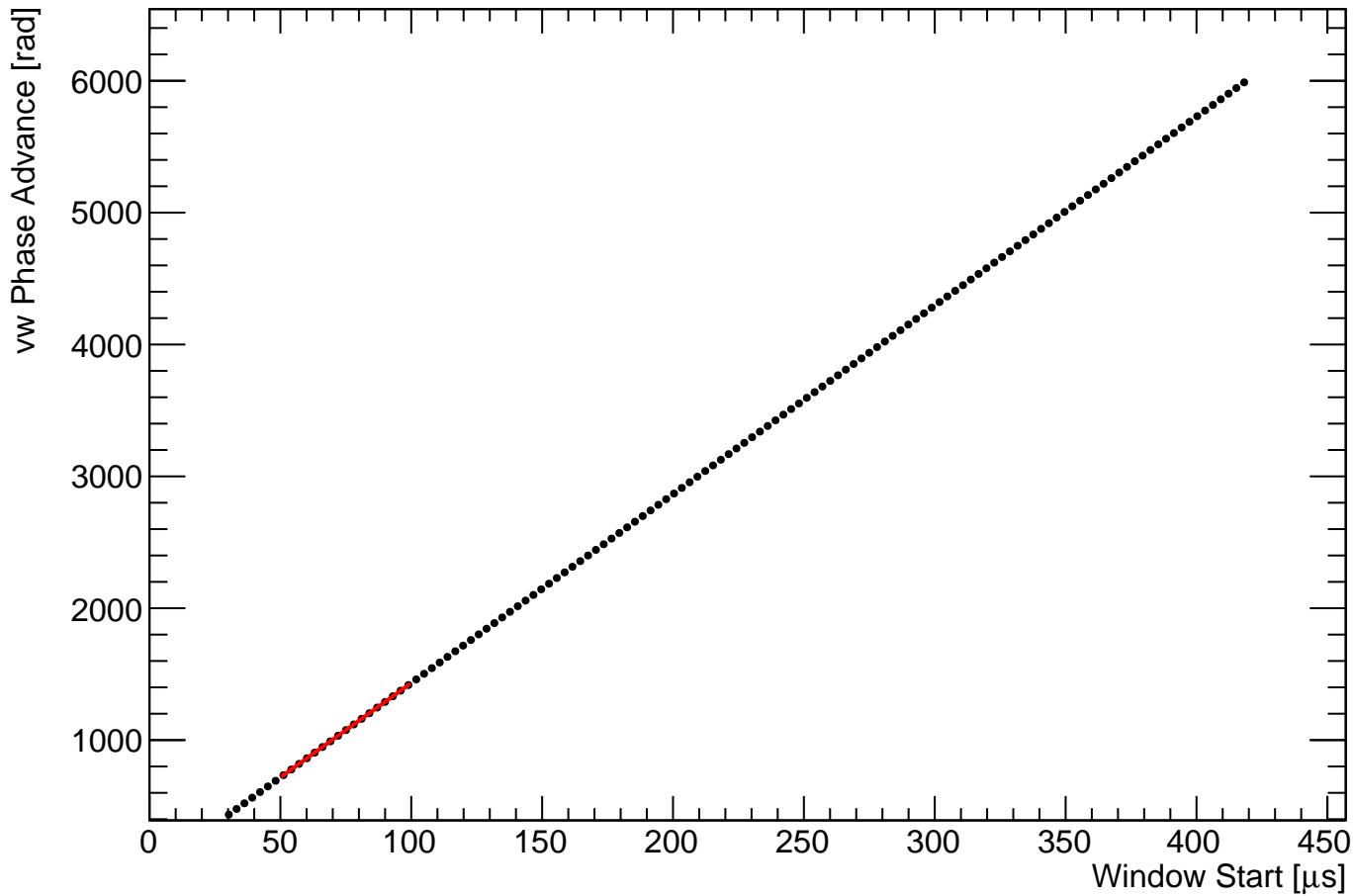




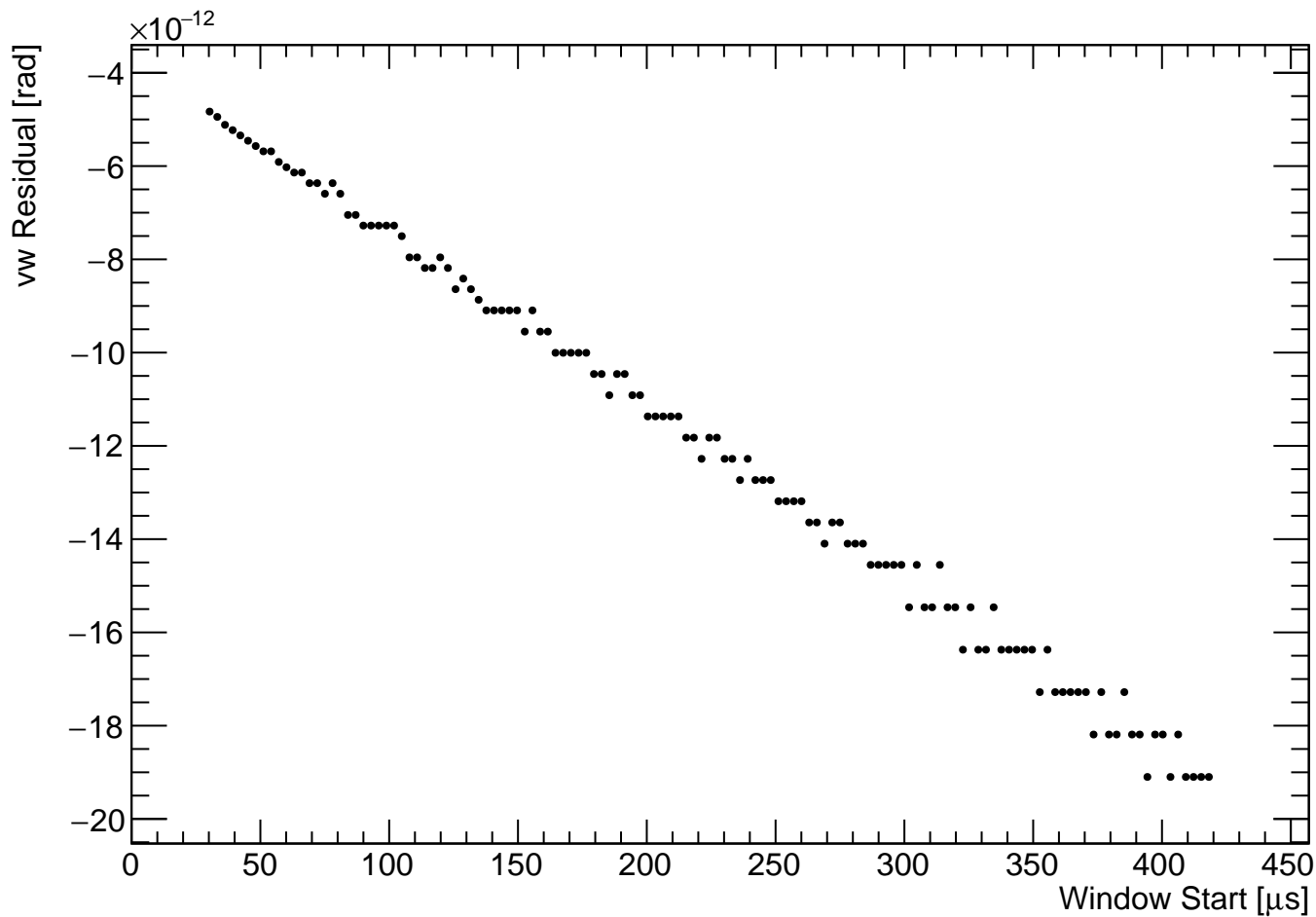
## 2CBO Phase Advance



# vw Phase Advance



# vw Phase Advance Residual



# 2CBO Phase Advance Residual

