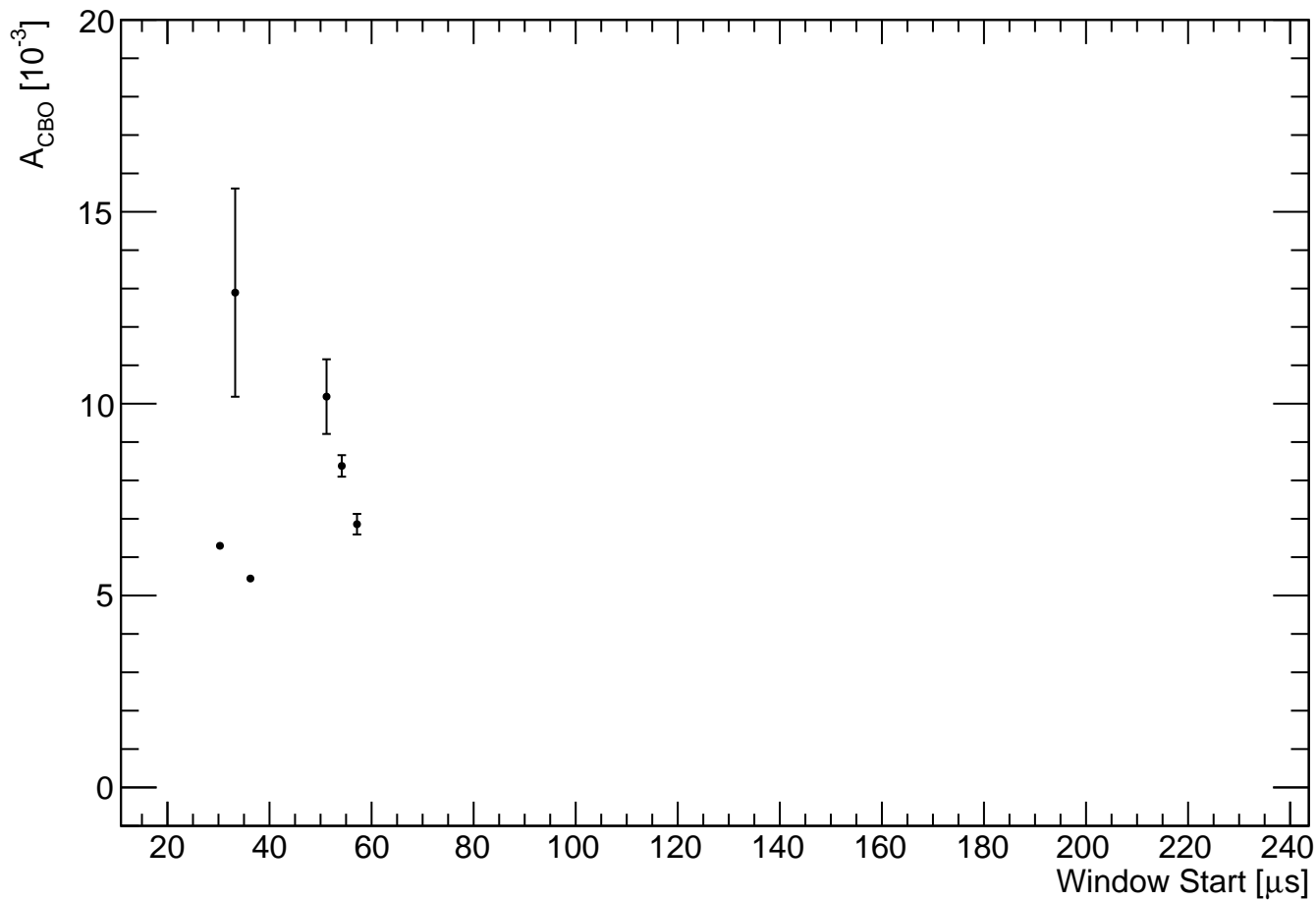
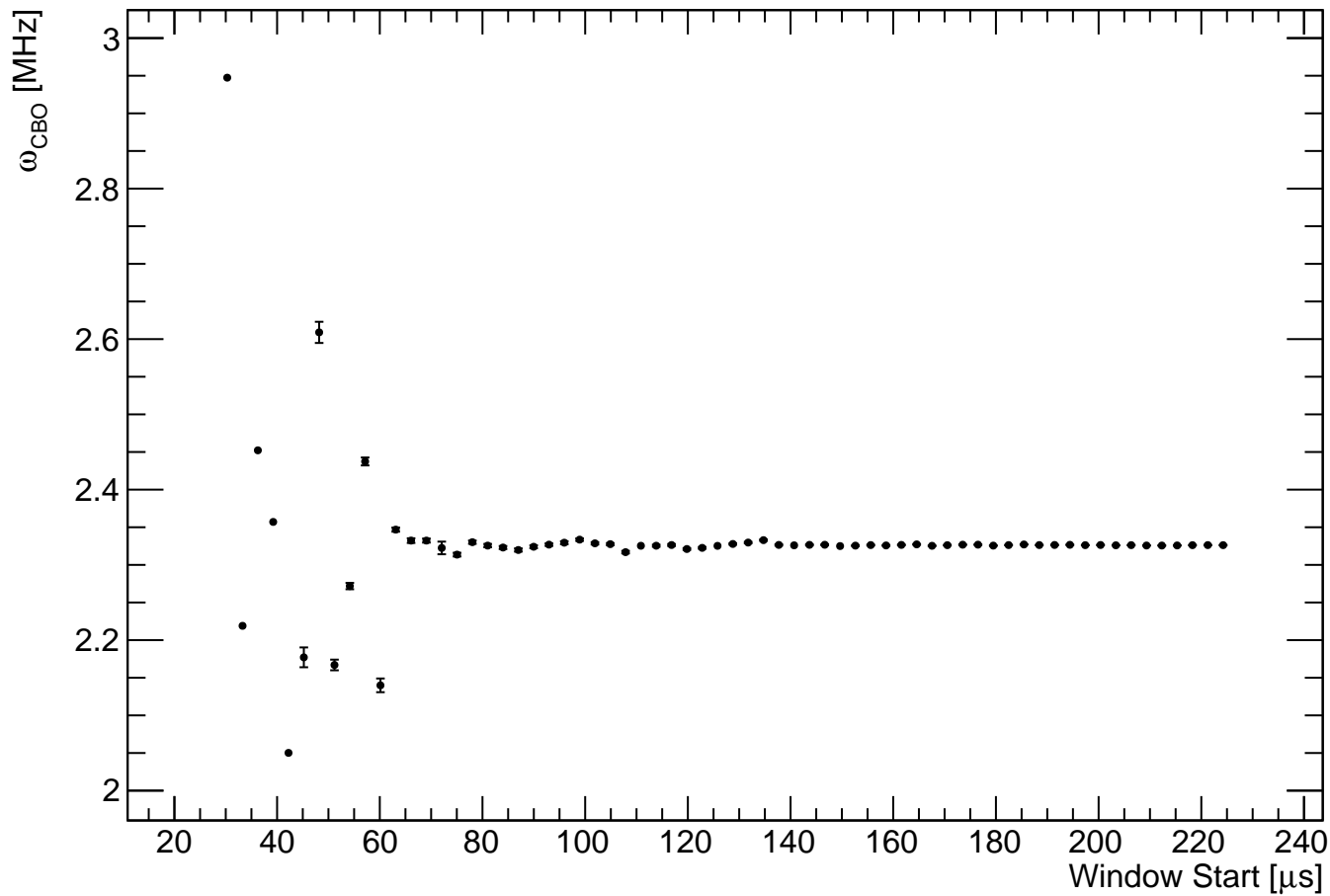


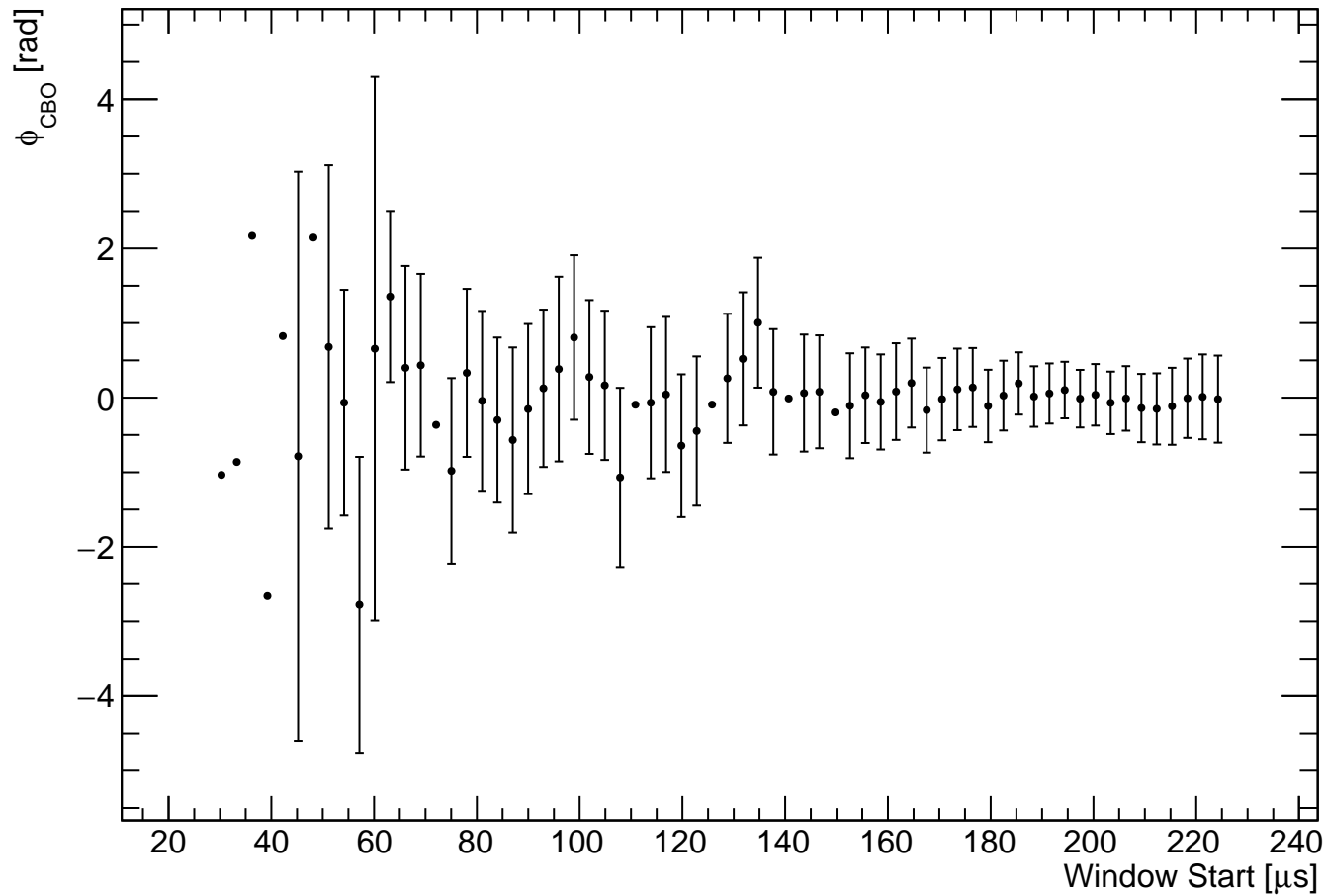
A_CBO v time



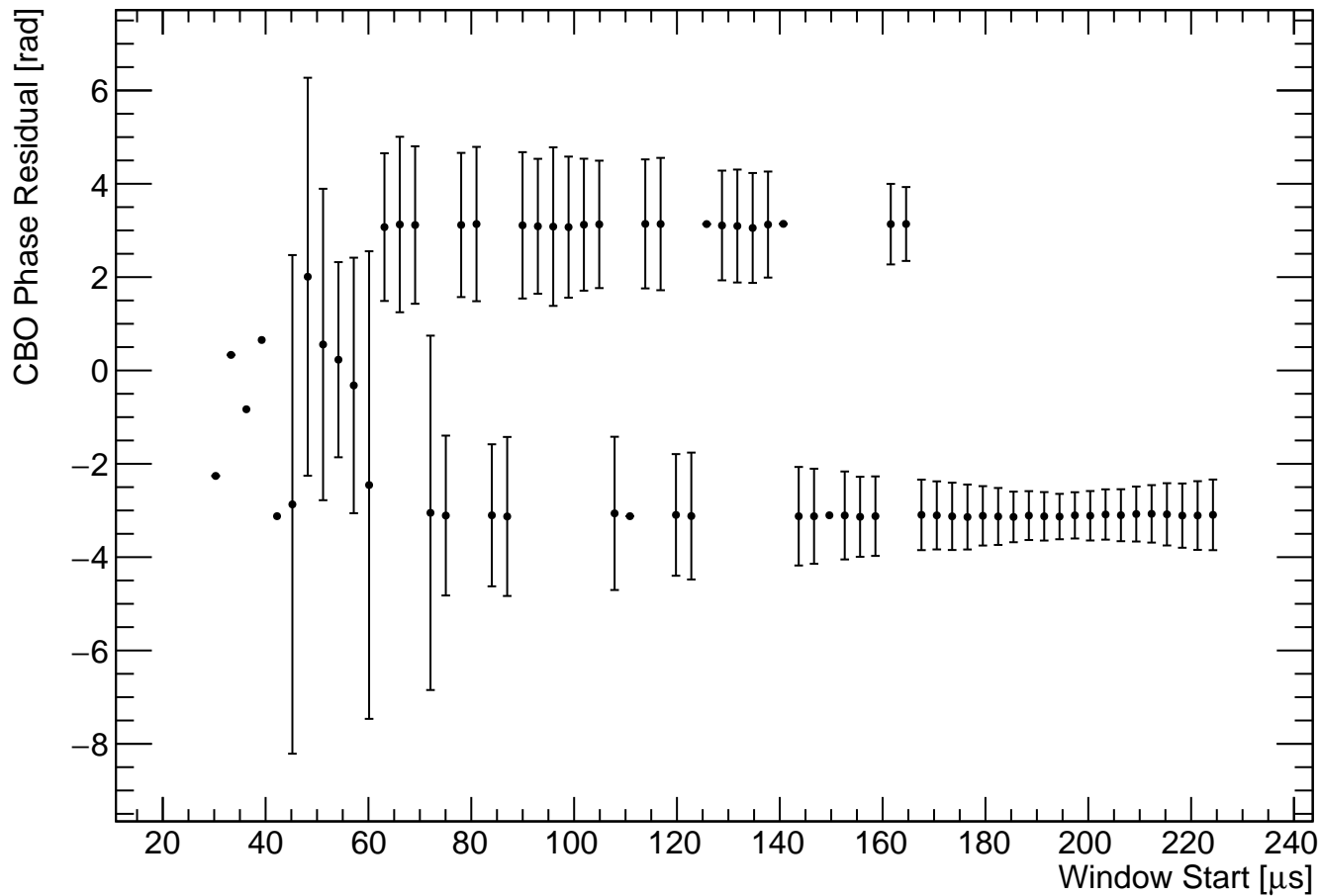
w_CBO v time



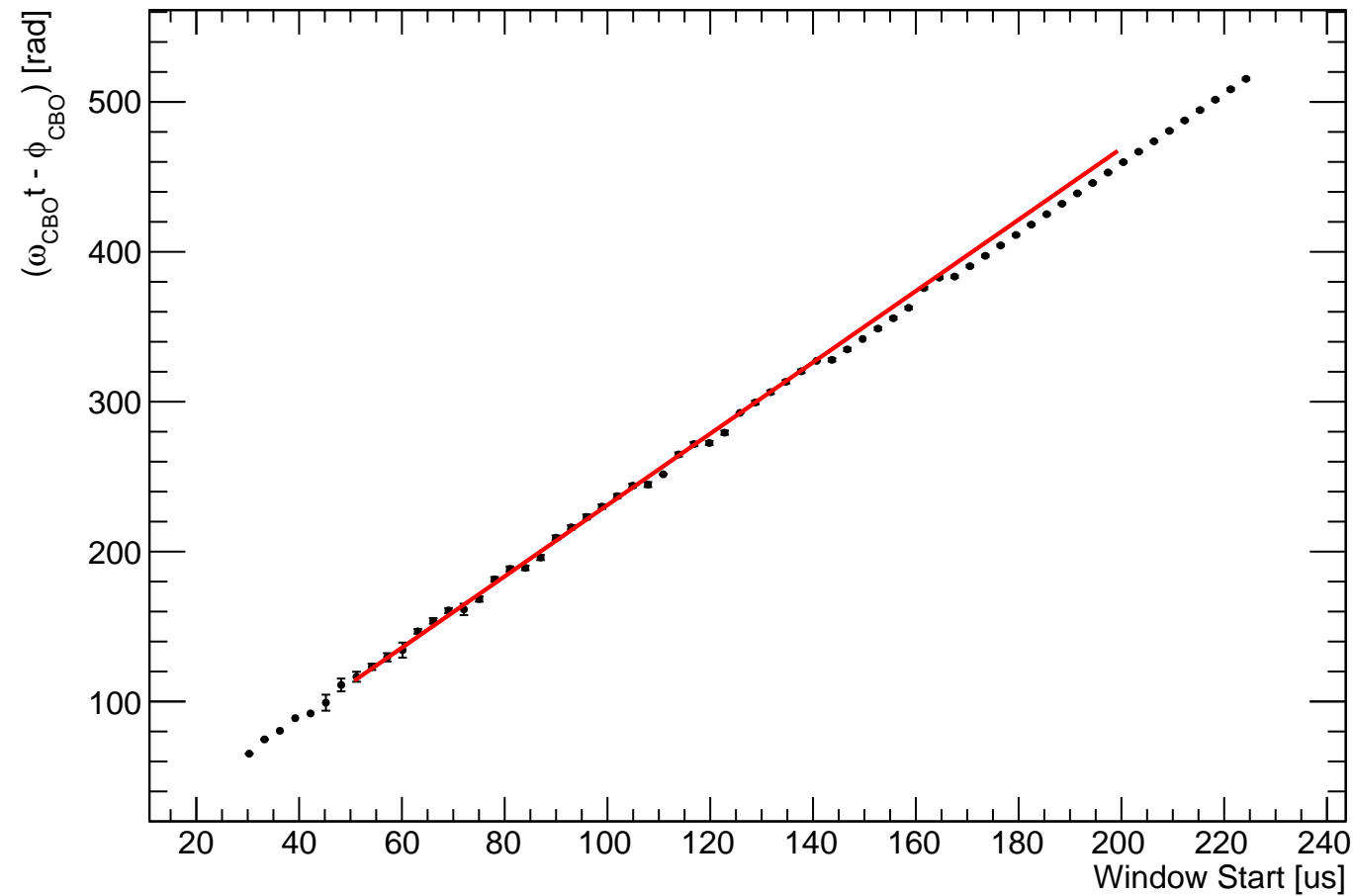
p_CBO v time



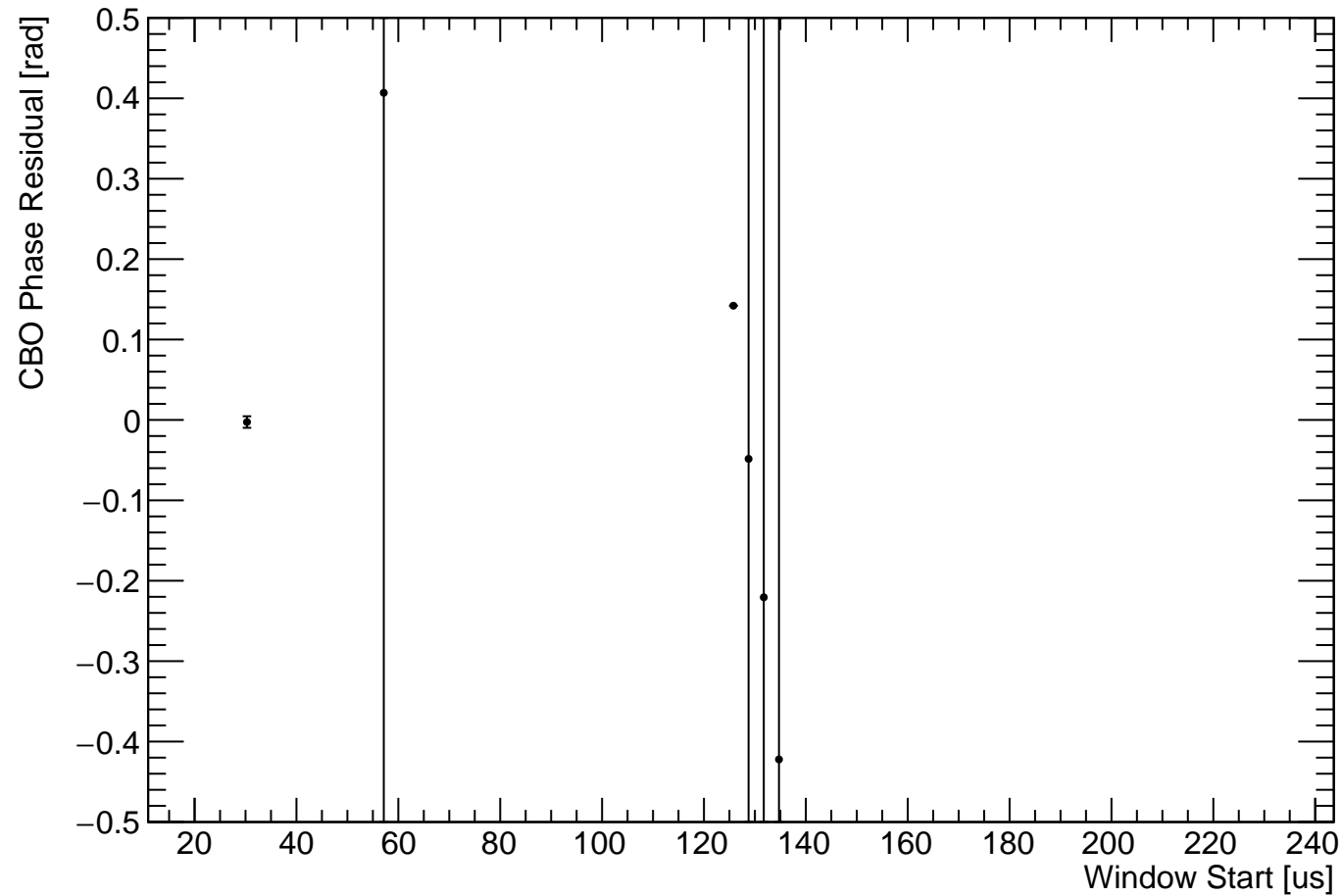
$$(\omega_{\text{CBO}} t - \phi_{\text{CBO}})_{\text{window}} - (\omega_{\text{CBO}} t - \phi_{\text{CBO}})_{\text{full}}$$



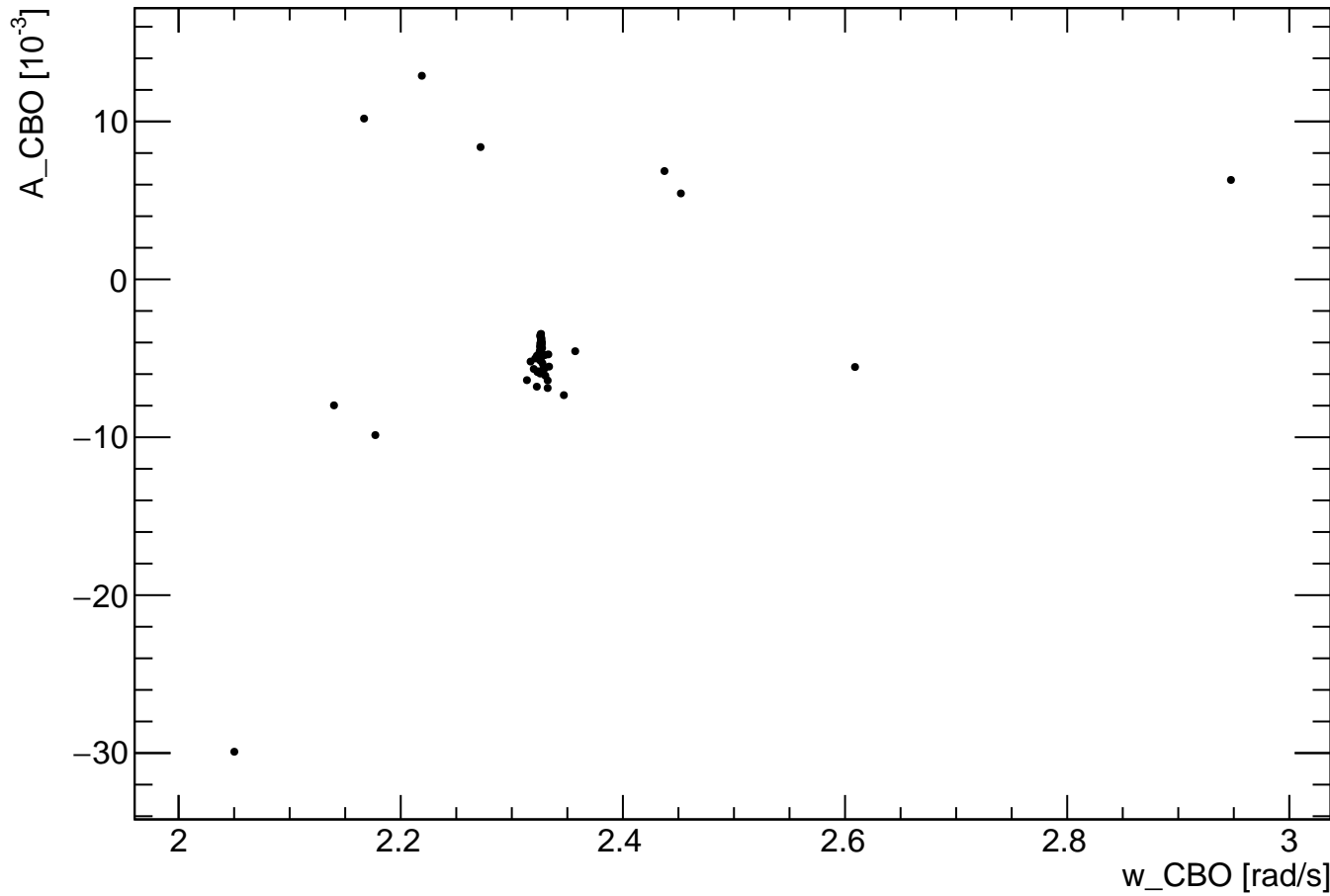
CBO Phase Advance from Sliding Windows



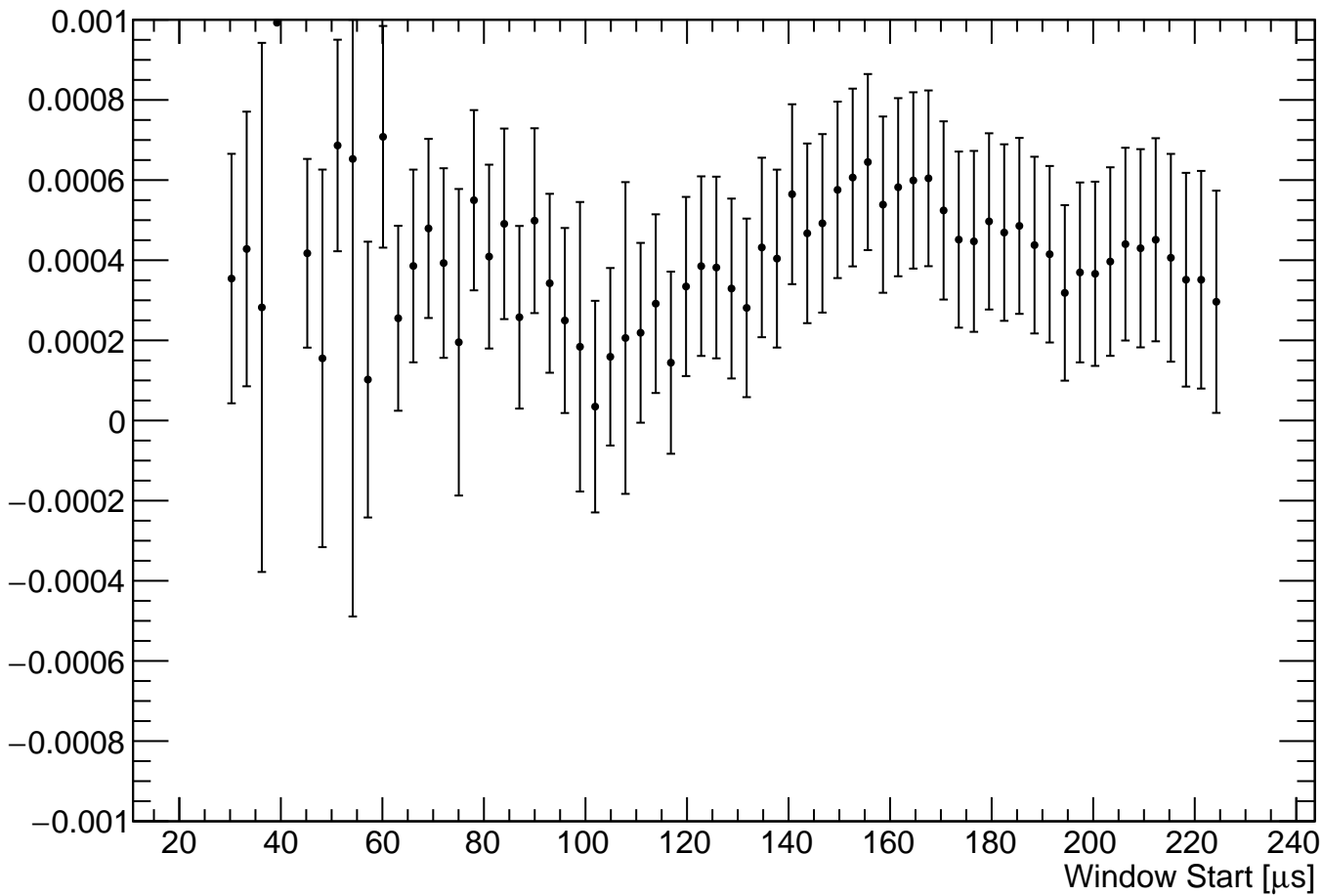
$$(\omega_{\text{CBO}}t - \phi_{\text{CBO}})_{\text{window}} - (\omega_0t - \phi_0)_{\text{late}}$$



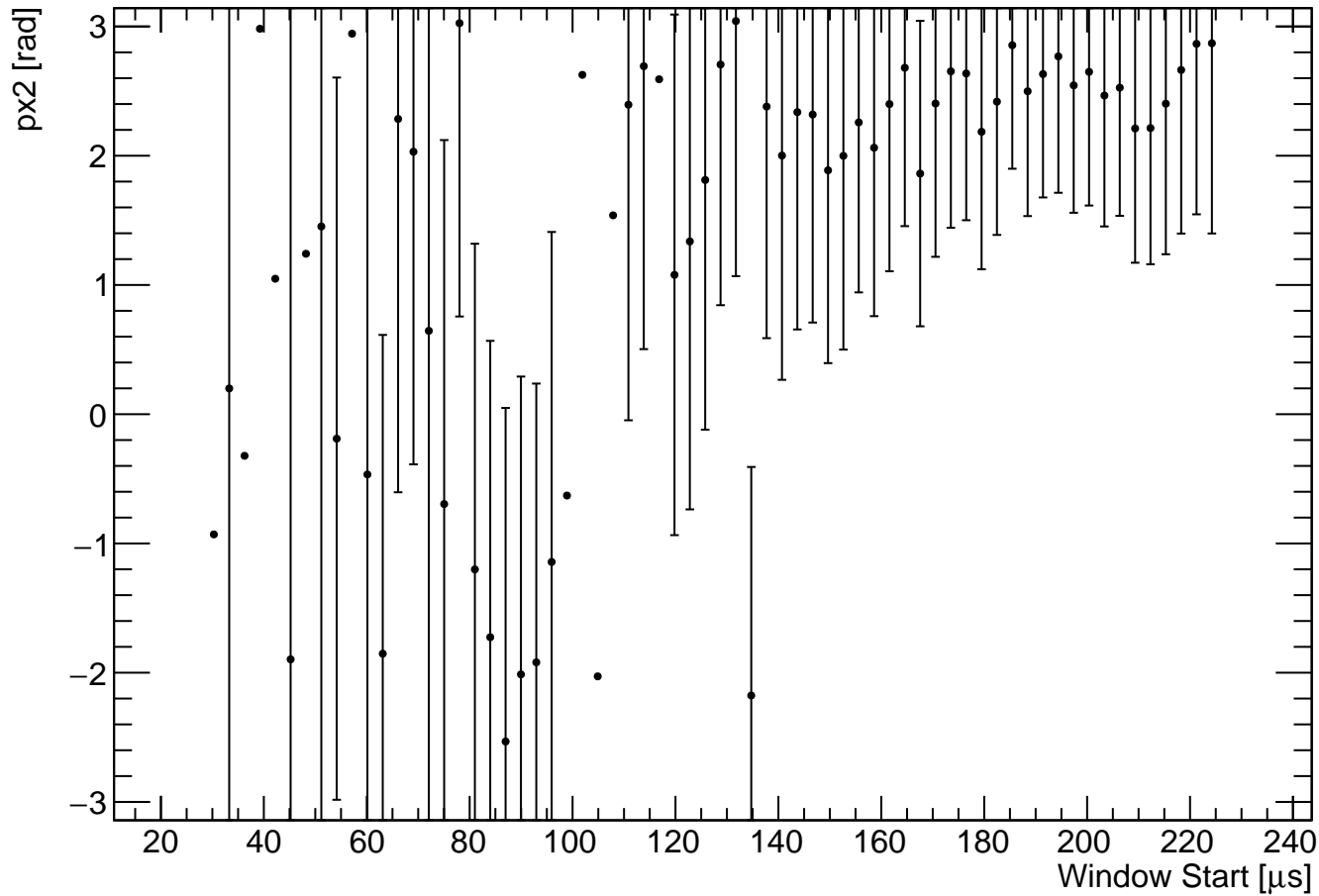
w_CBO vs A_CBO



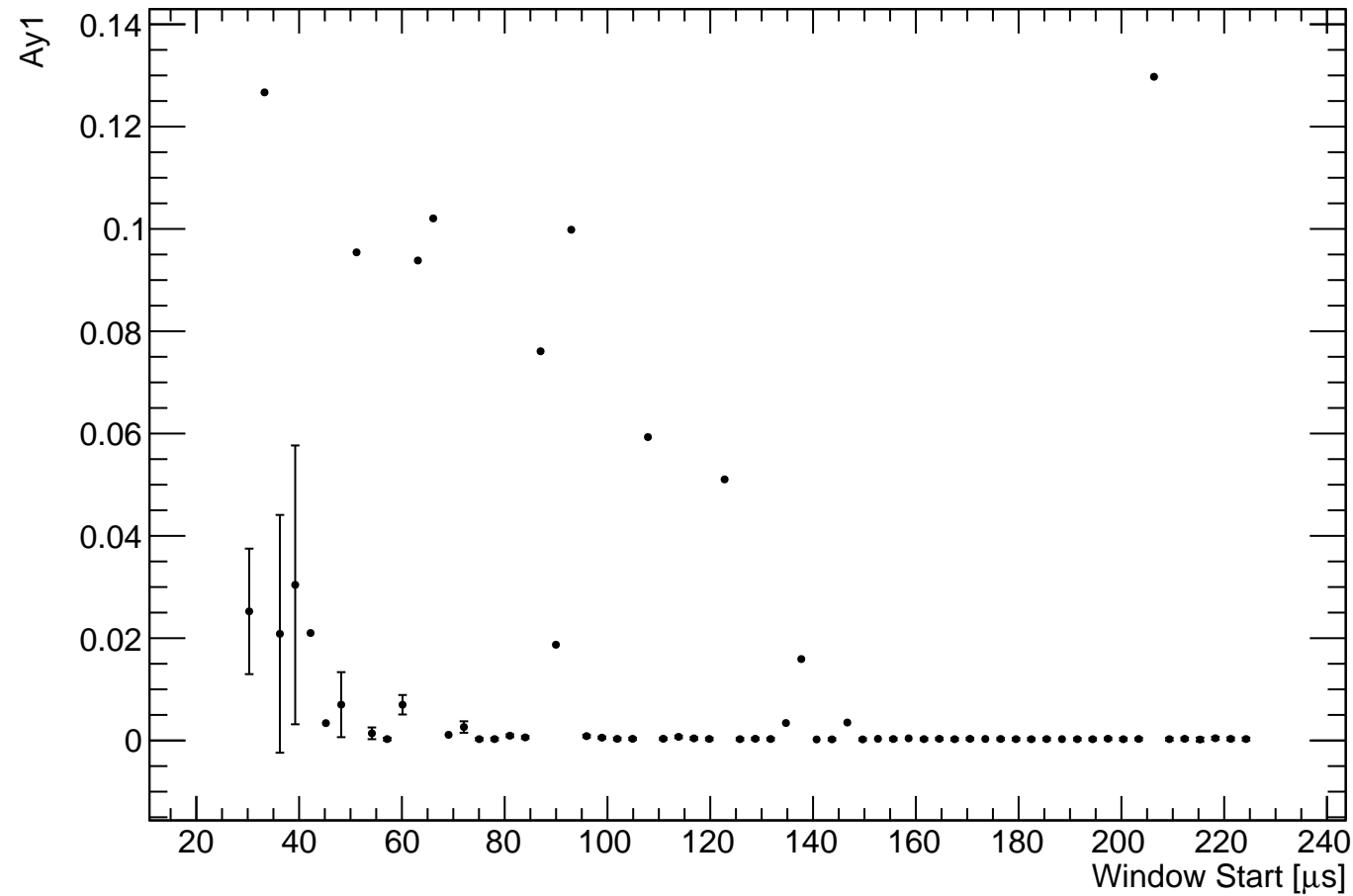
Ax2



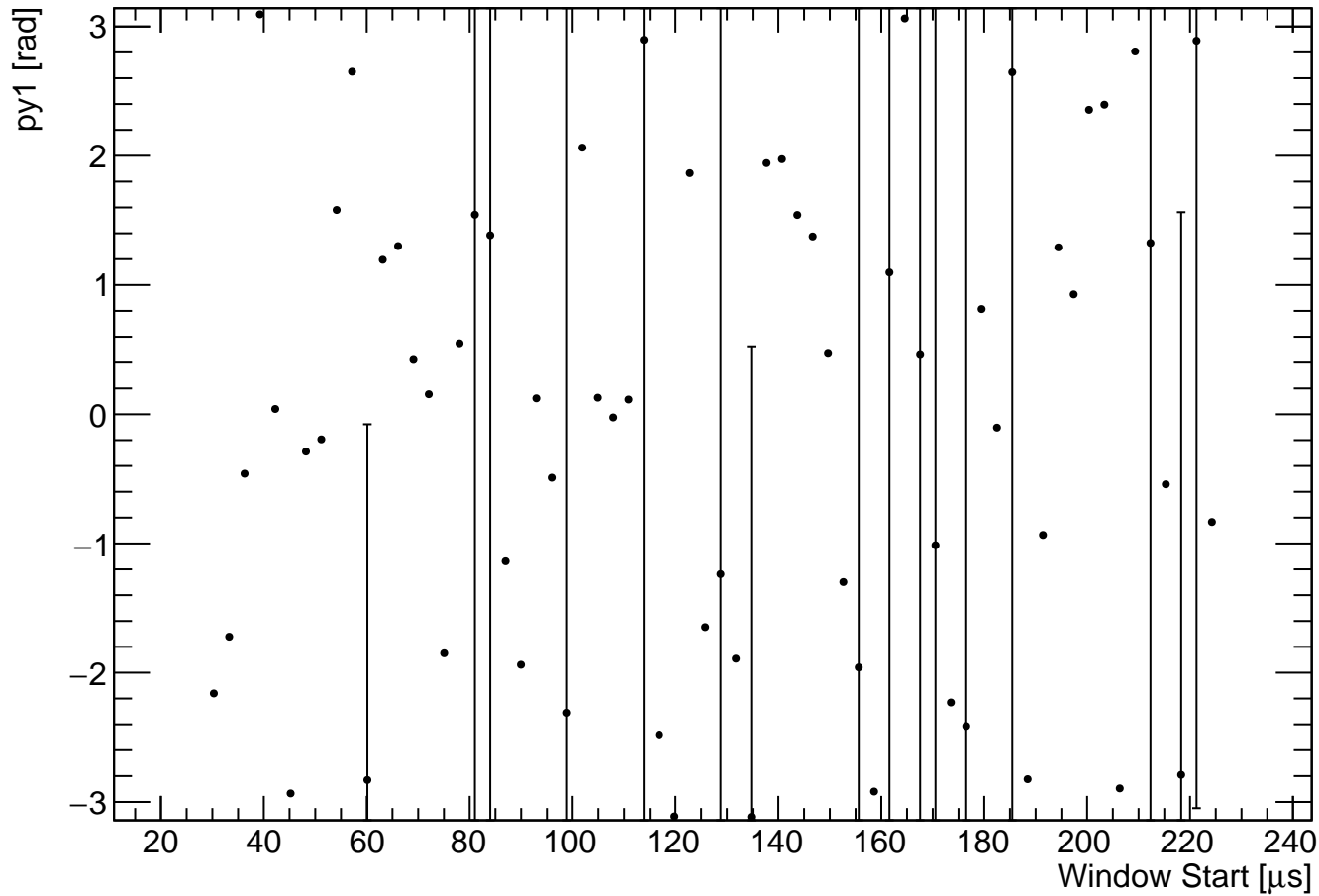
px2



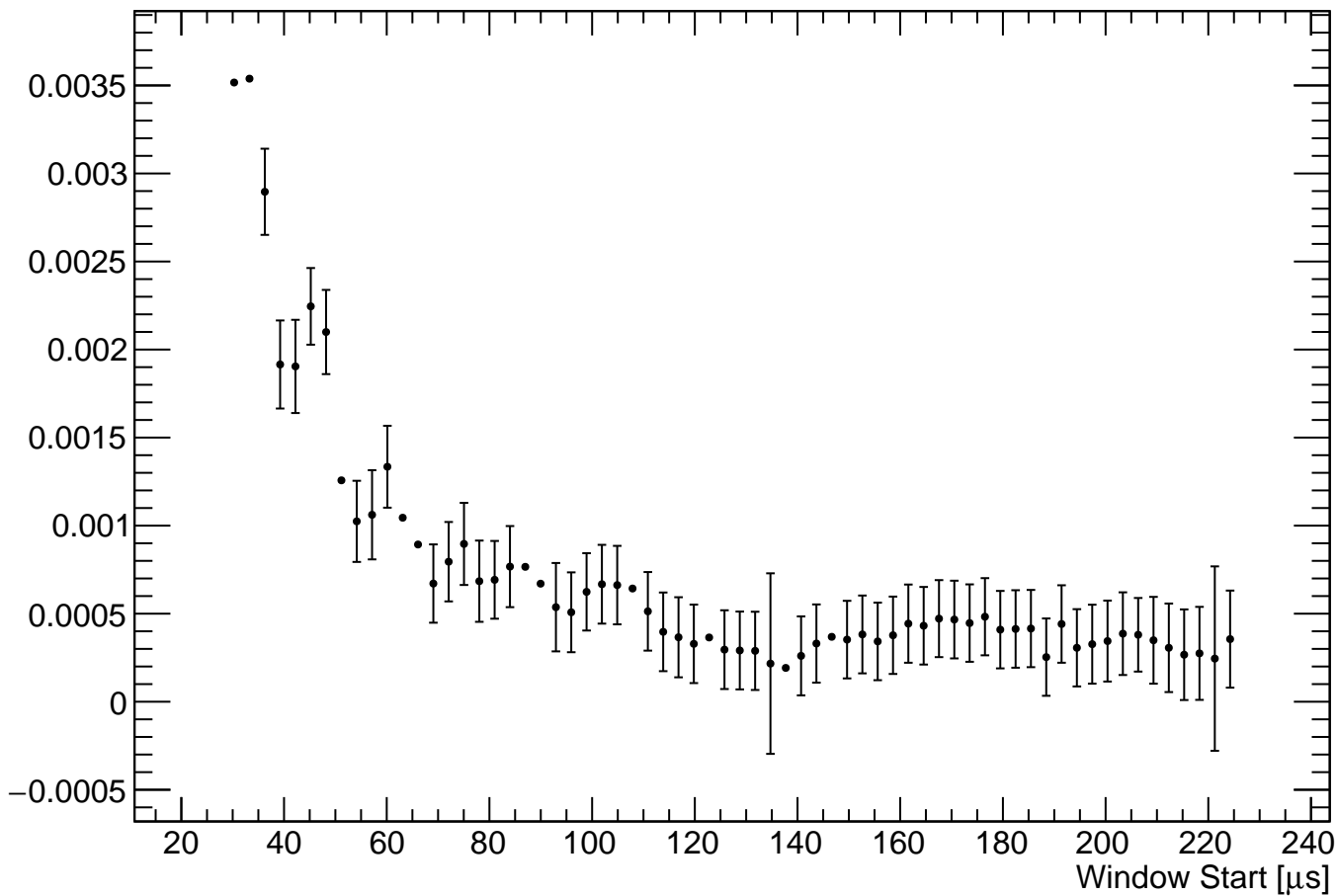
Ay1



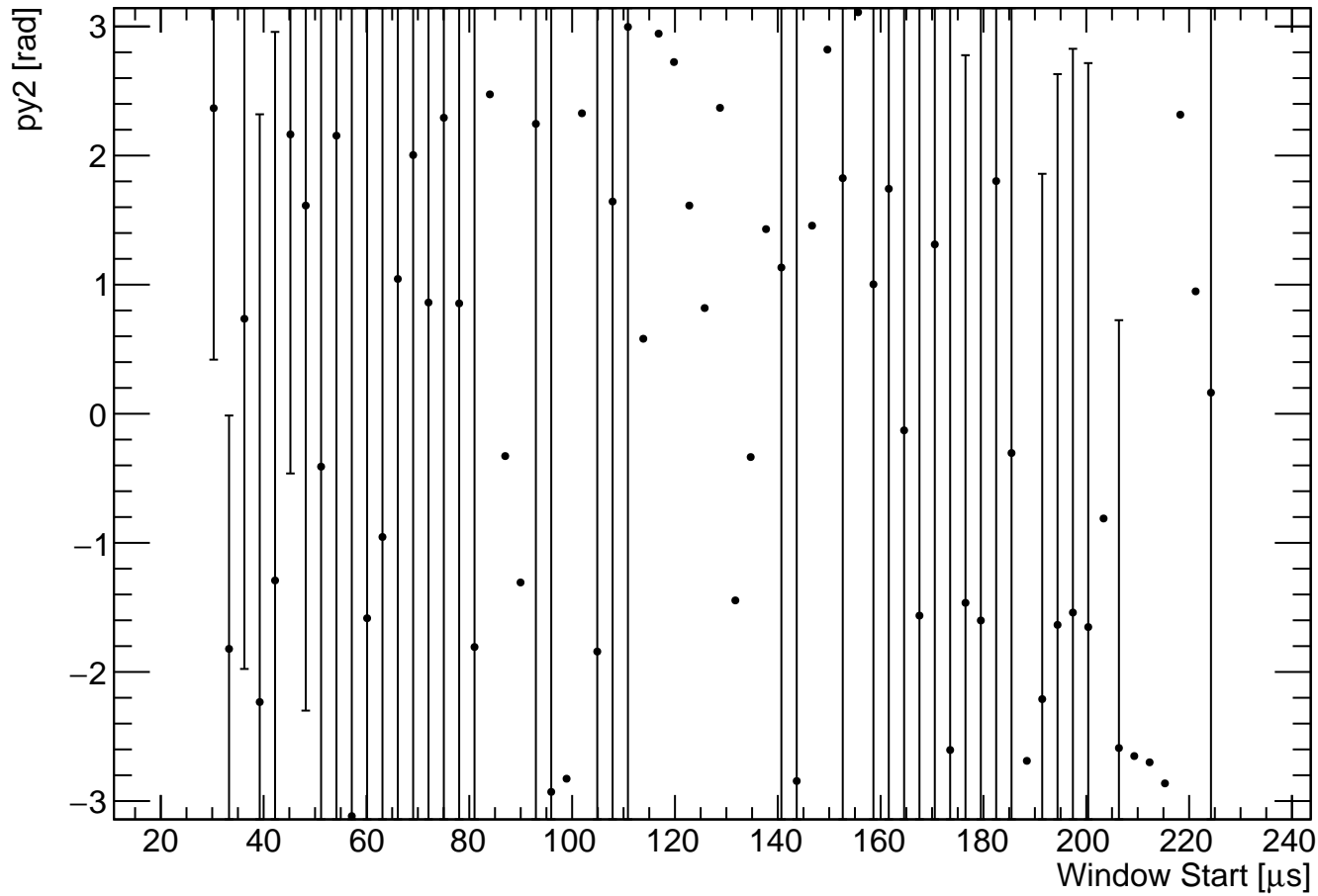
py1



Ay2

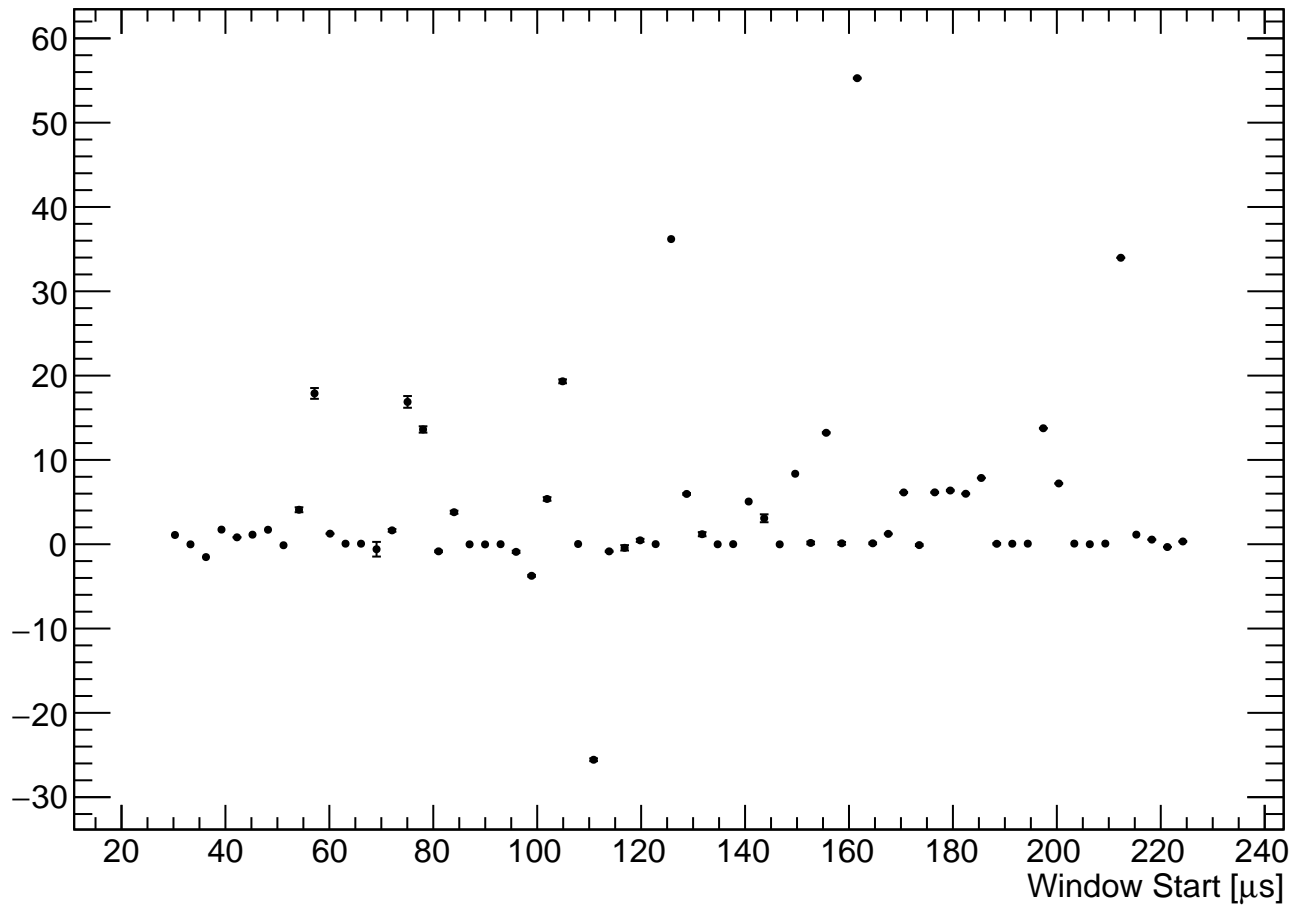


py2



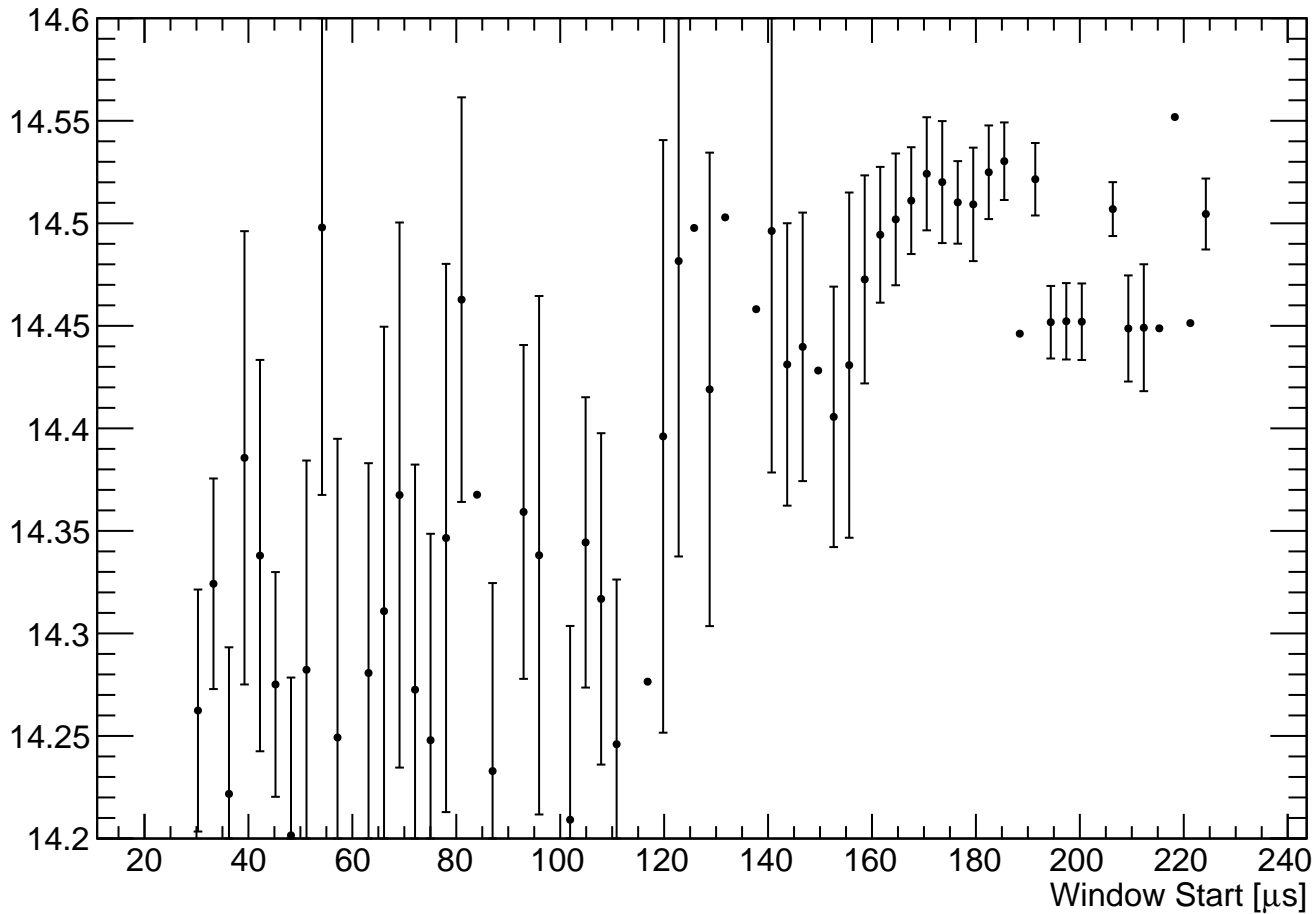
w_y

w_y [rad/s]

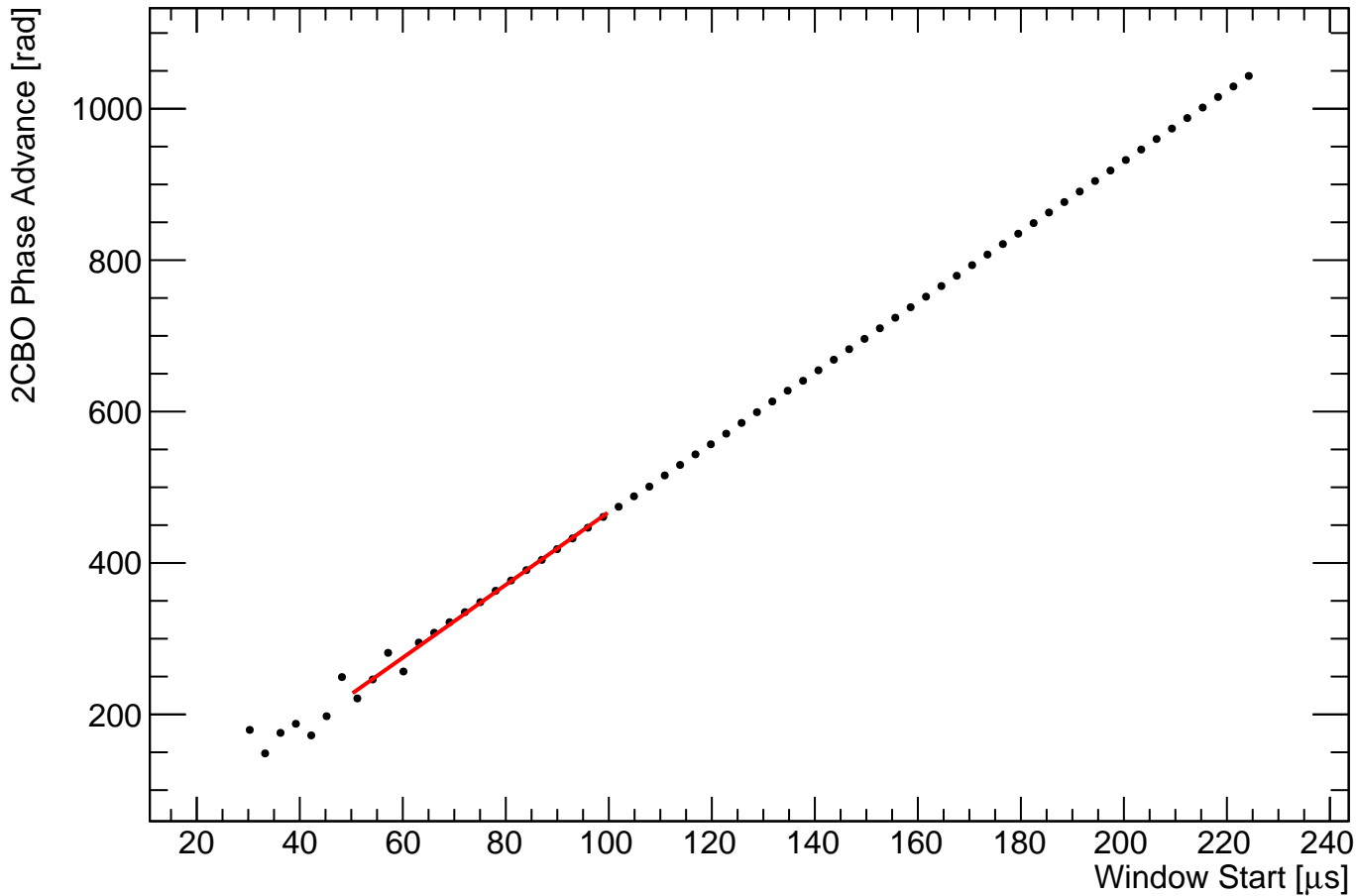


W_VW

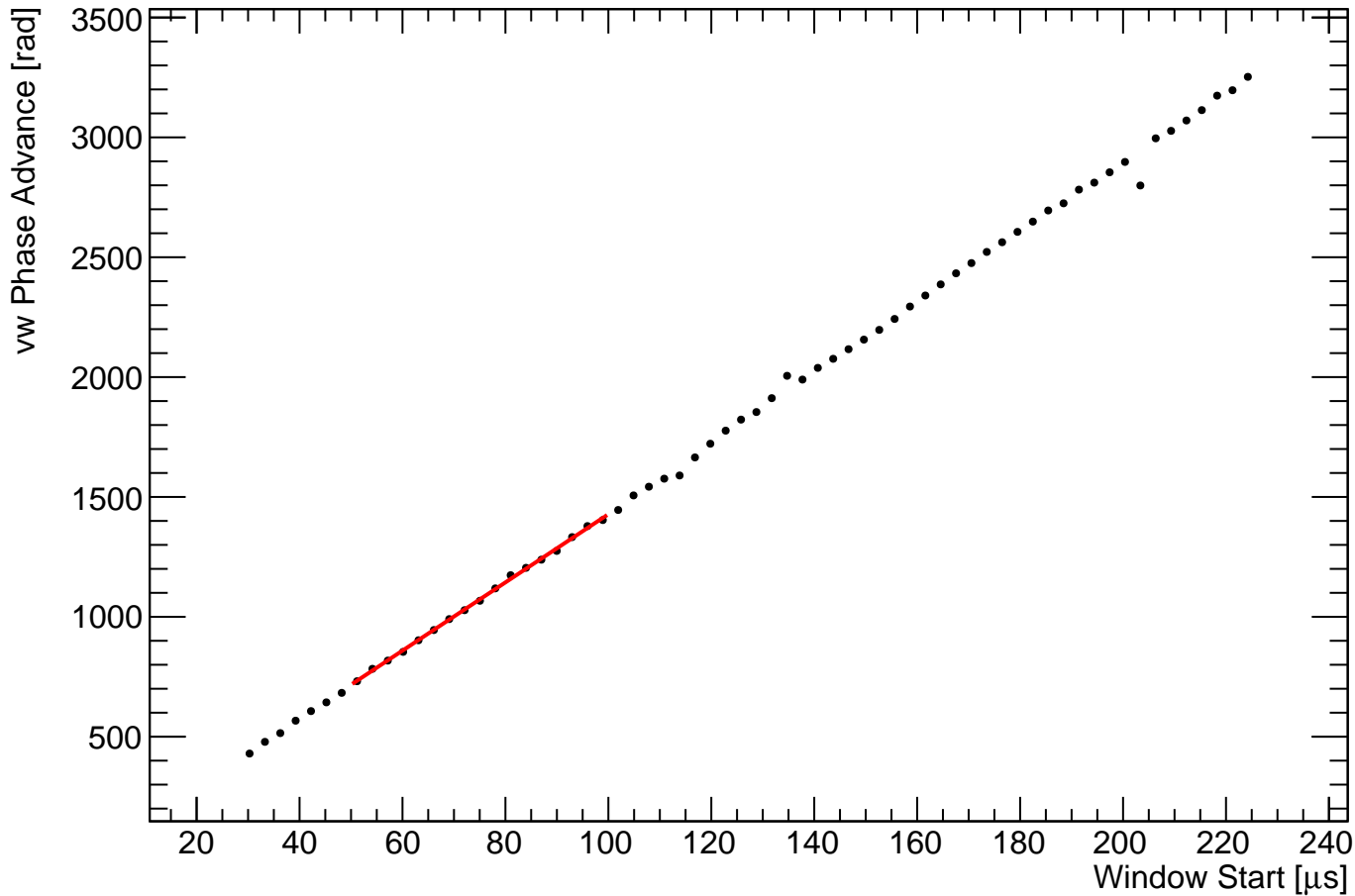
w_vw [rad/s]



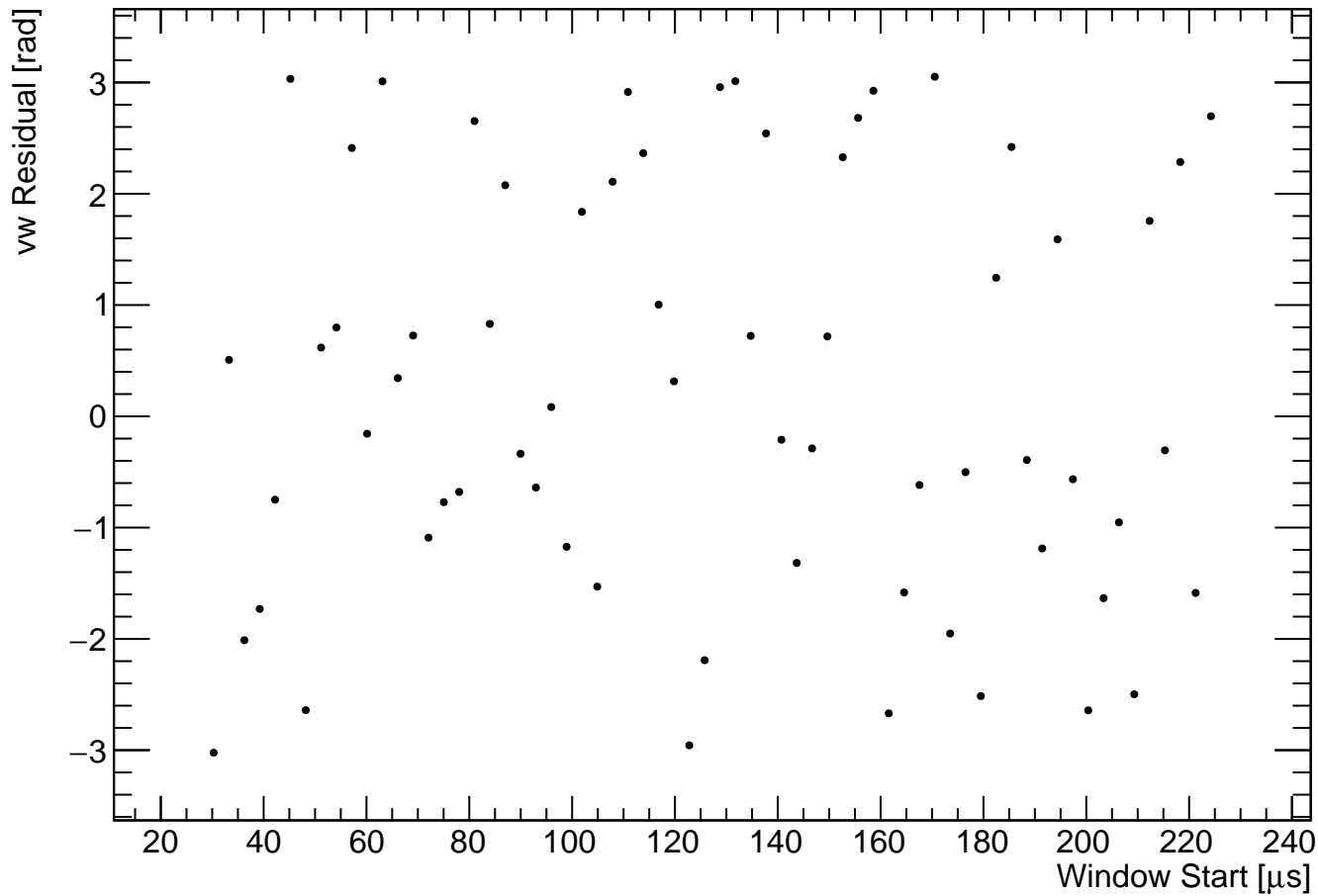
2CBO Phase Advance

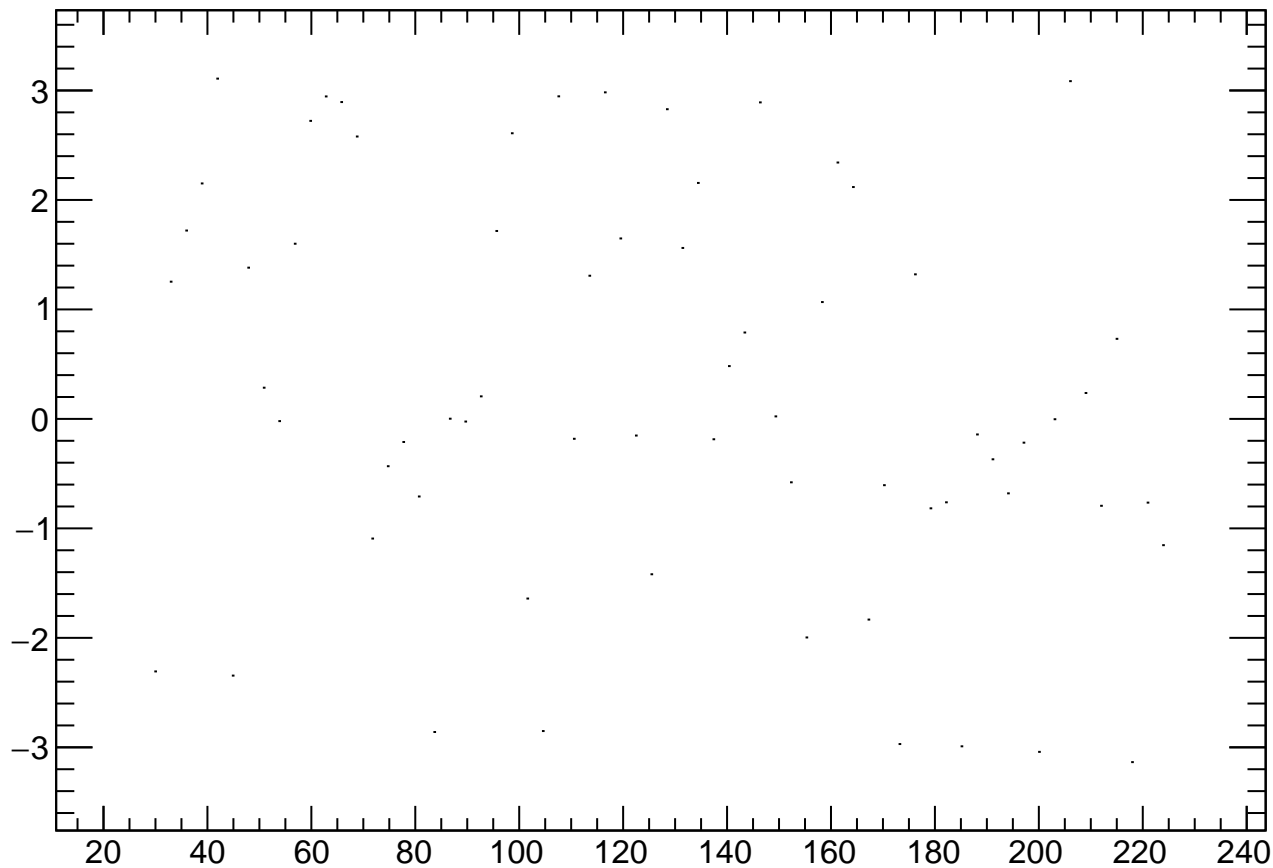


vw Phase Advance



vw Phase Advance Residual





2CBO Phase Advance Residual

