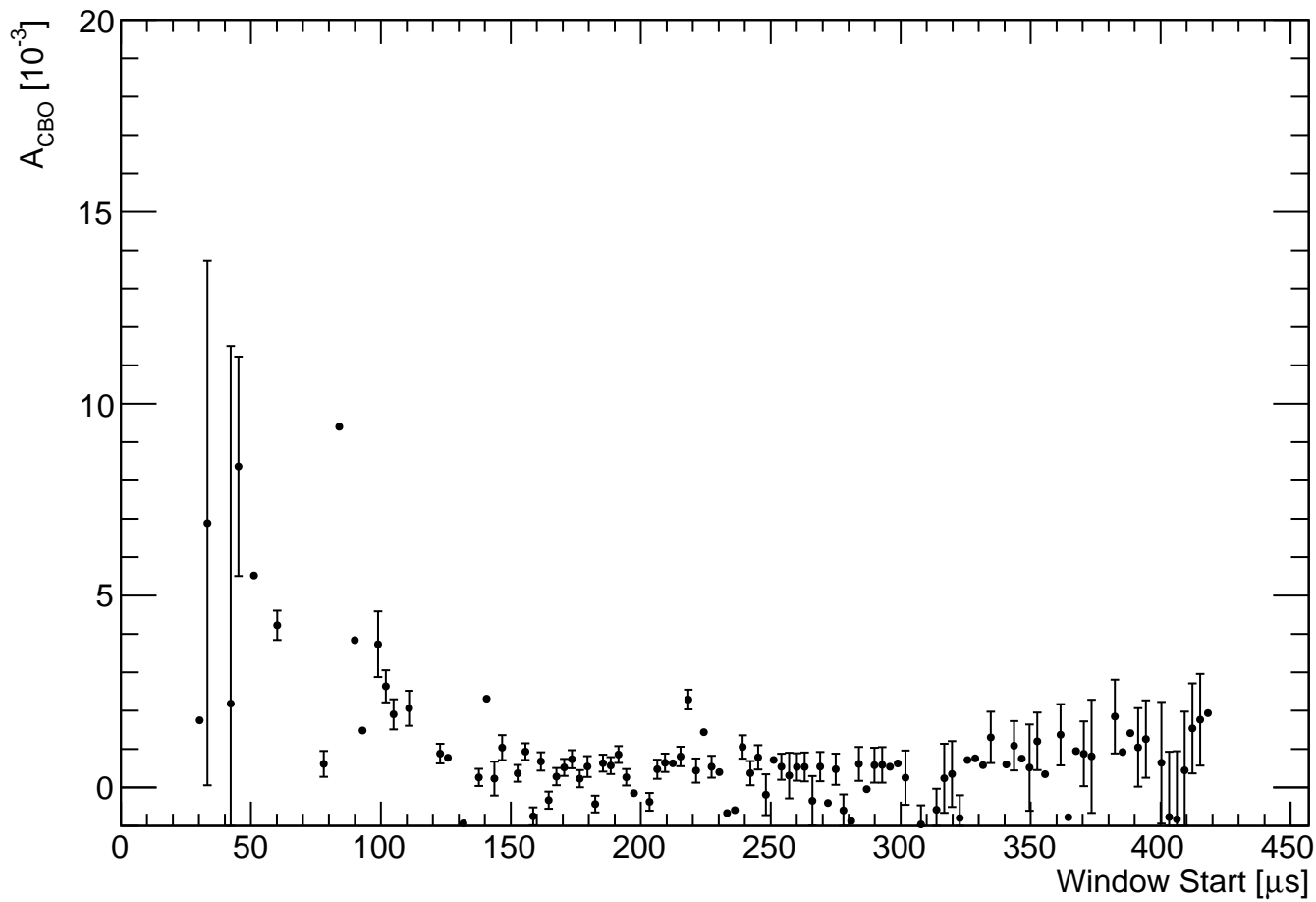
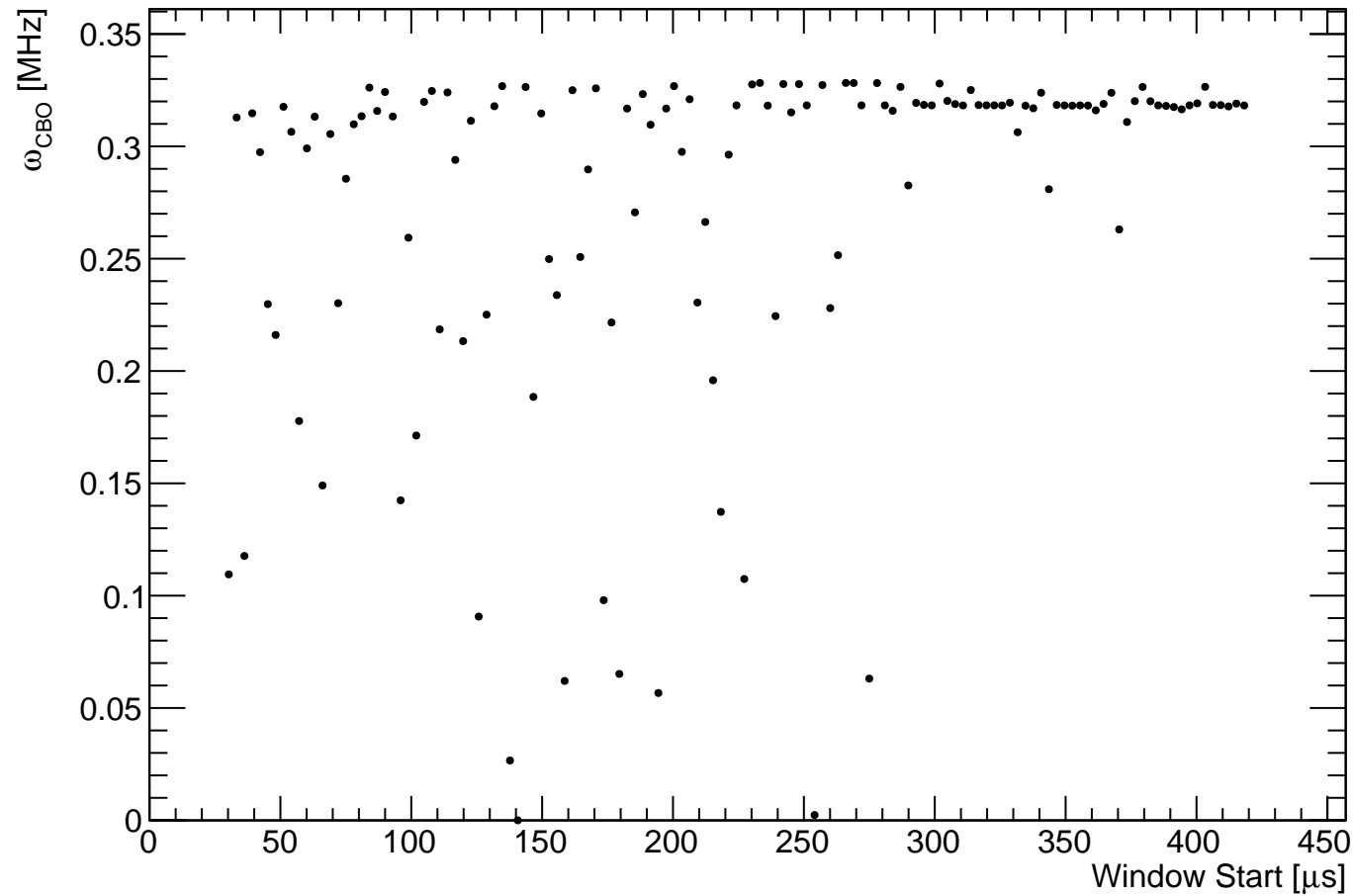


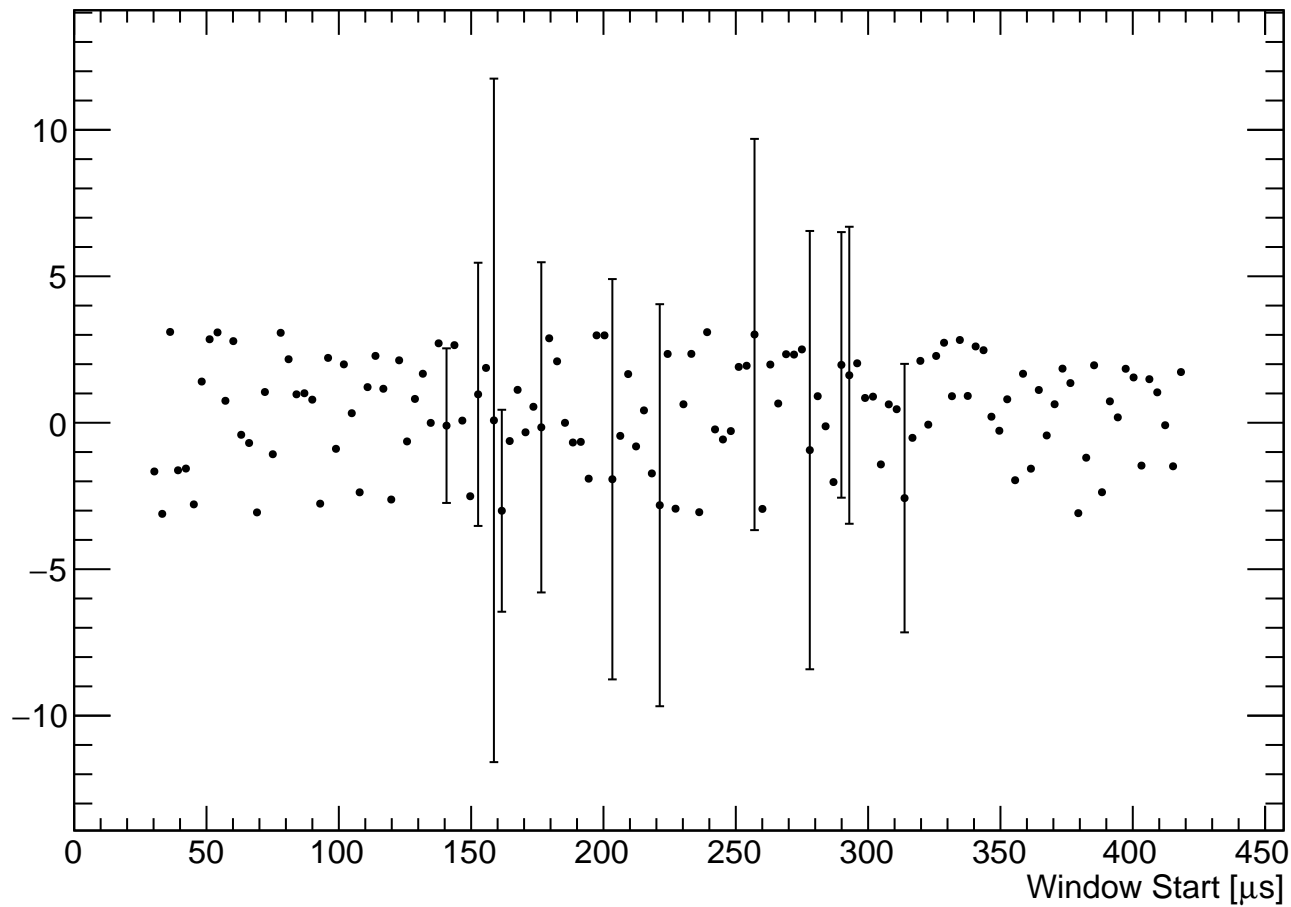
A_CBO v time

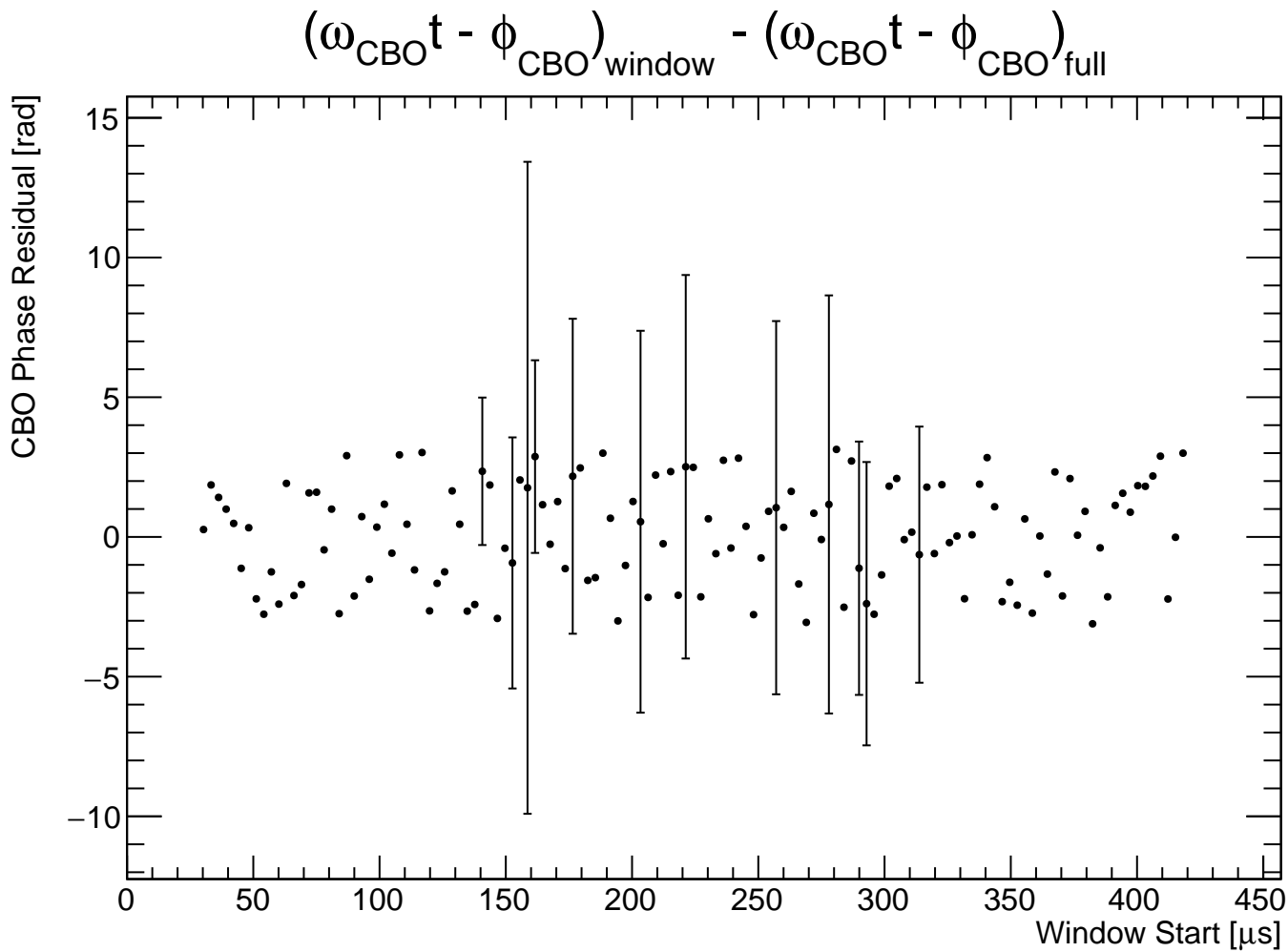


w_CBO v time

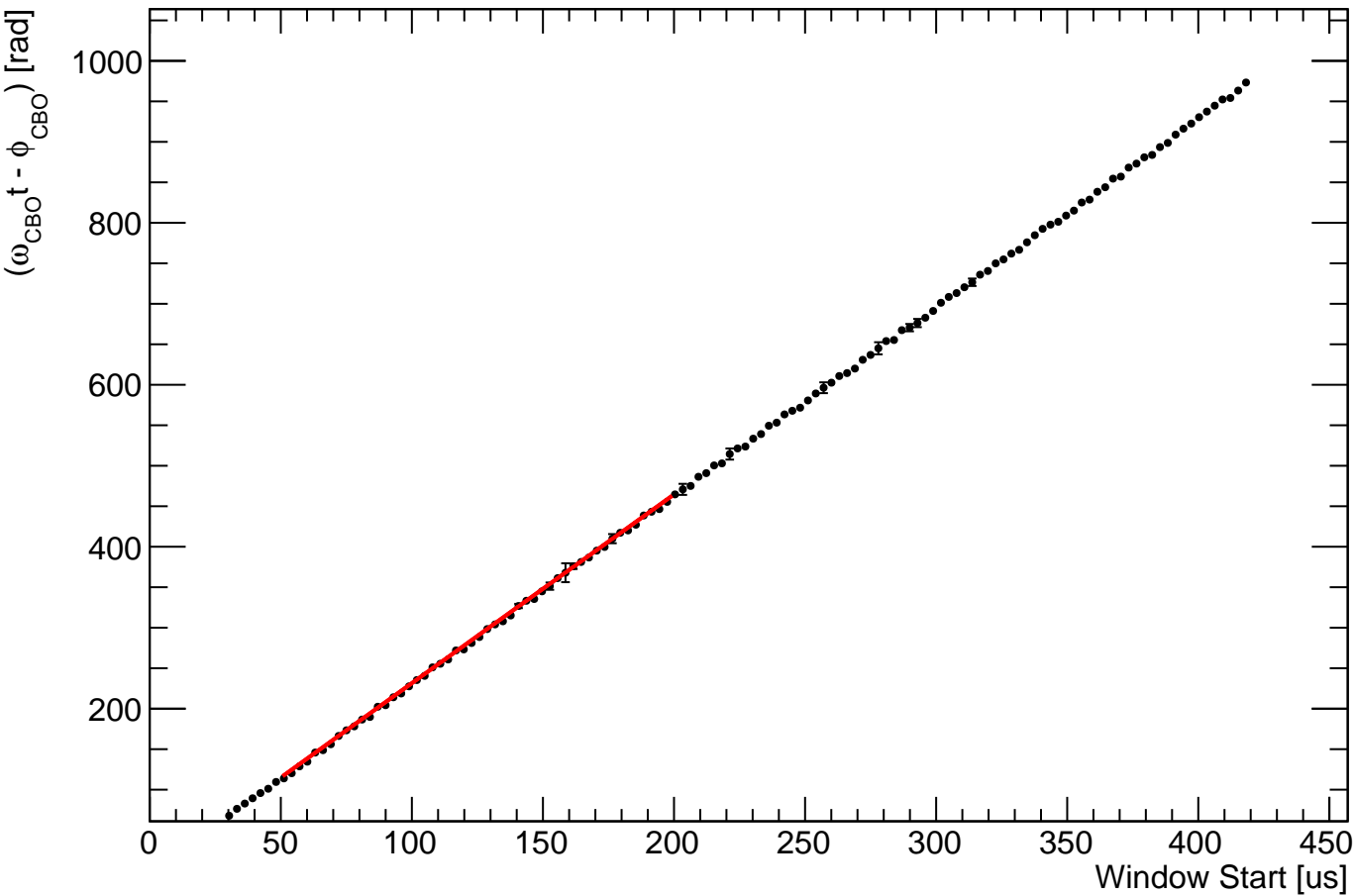


p_CBO v time

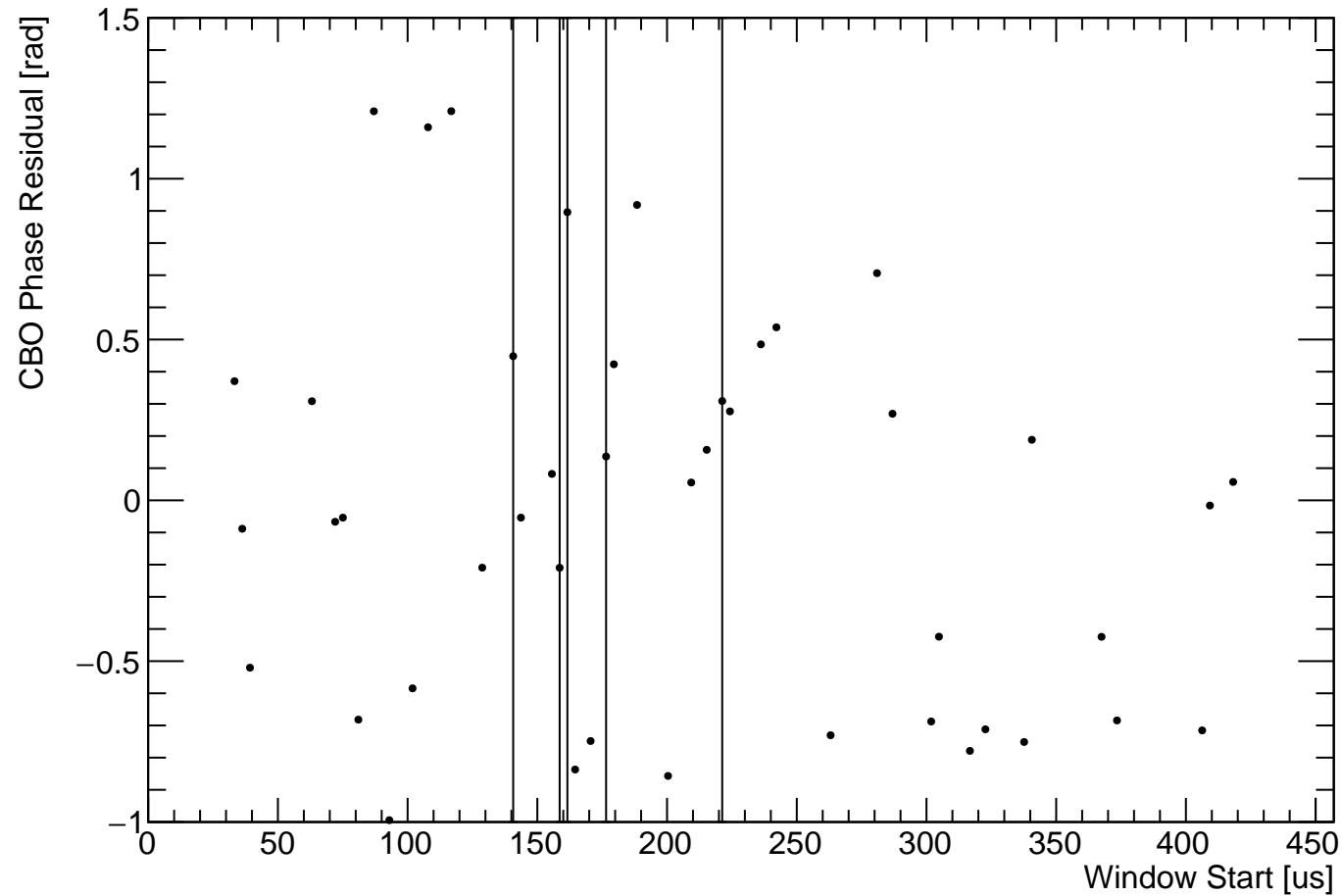




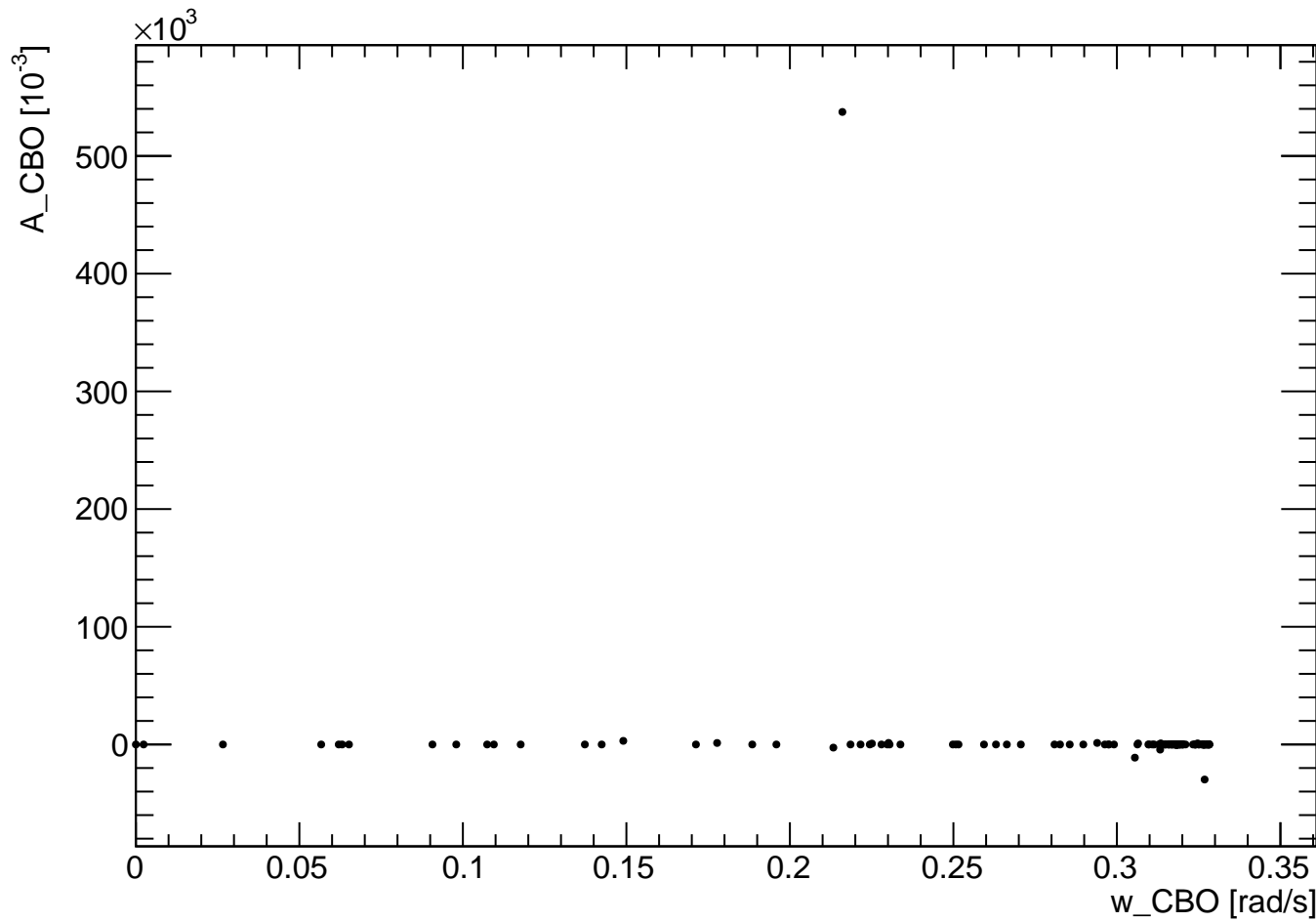
CBO Phase Advance from Sliding Windows



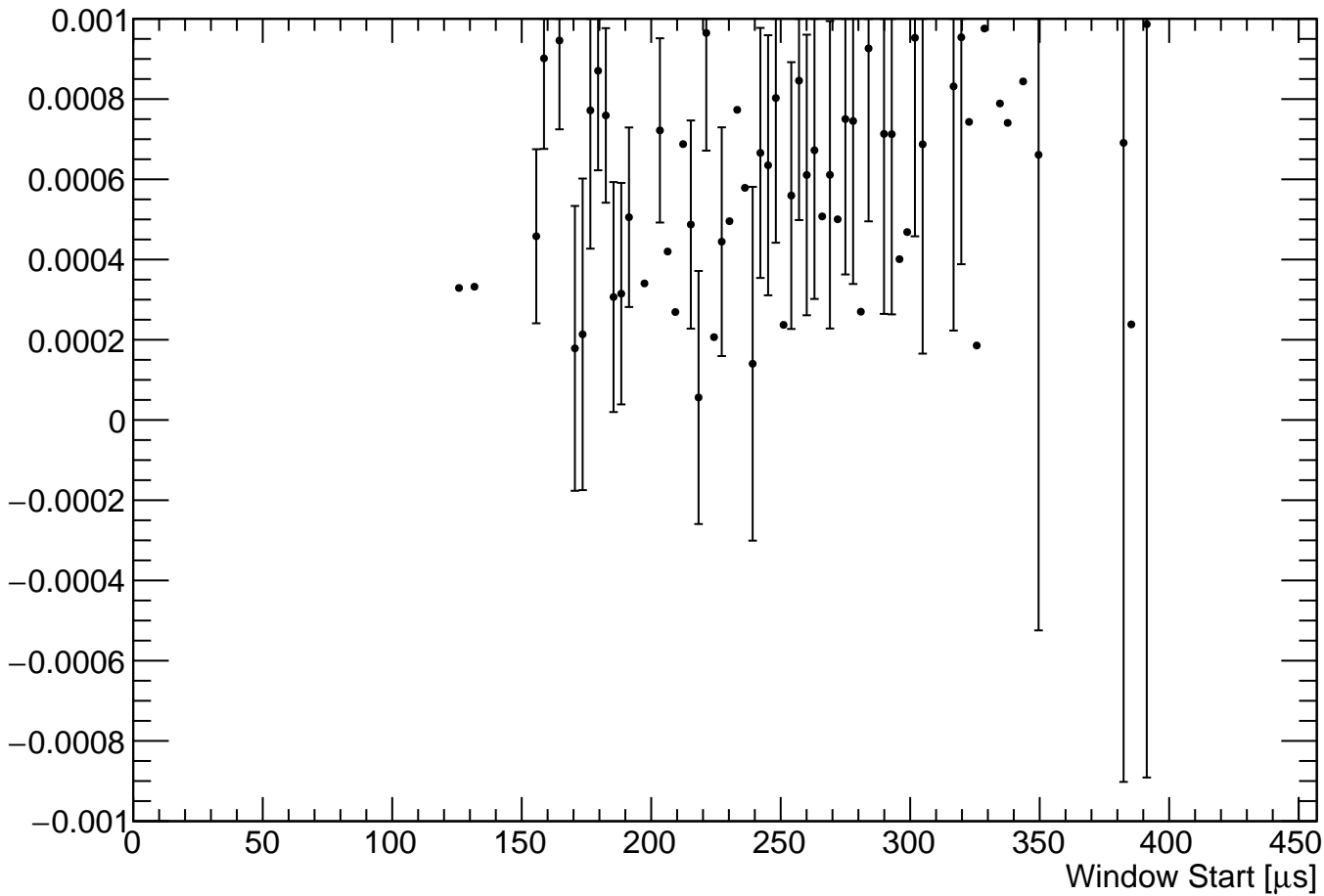
$$(\omega_{\text{CBO}} t - \phi_{\text{CBO}})_{\text{window}} - (\omega_0 t - \phi_0)_{\text{late}}$$



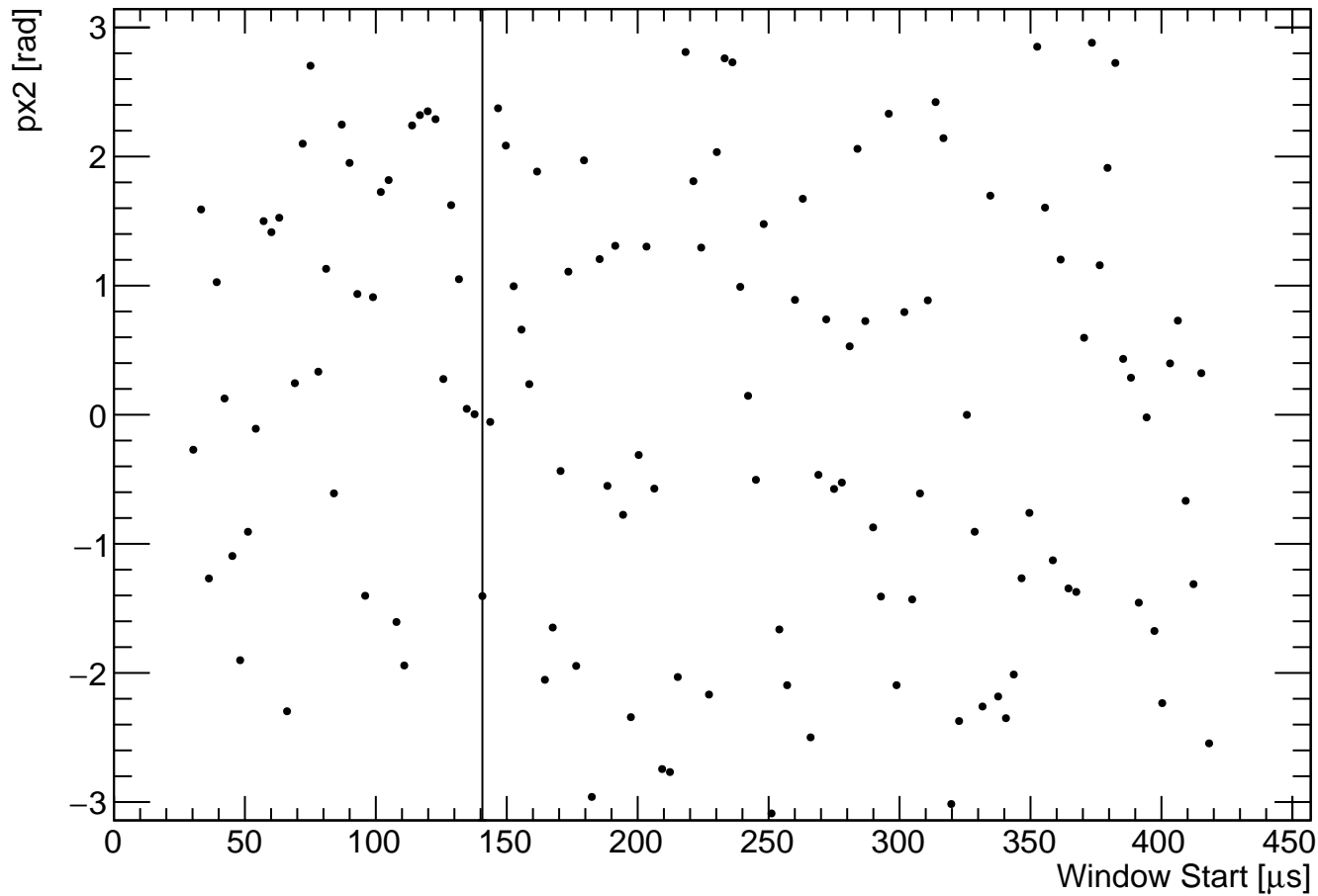
w_CBO vs A_CBO



Ax2



px2



Ay1



py1



Ay2

Ay2

0.12
0.1
0.08
0.06
0.04
0.02
0

0

50

100

150

200

250

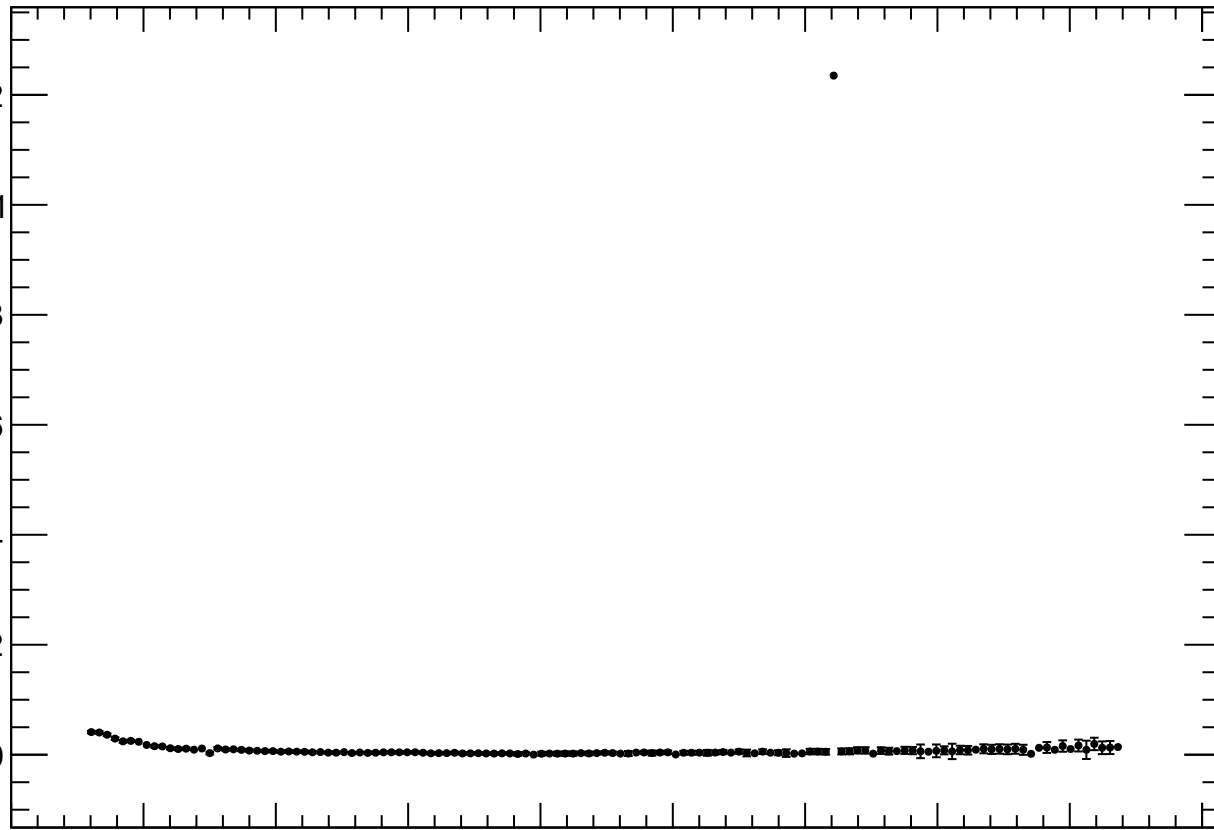
300

350

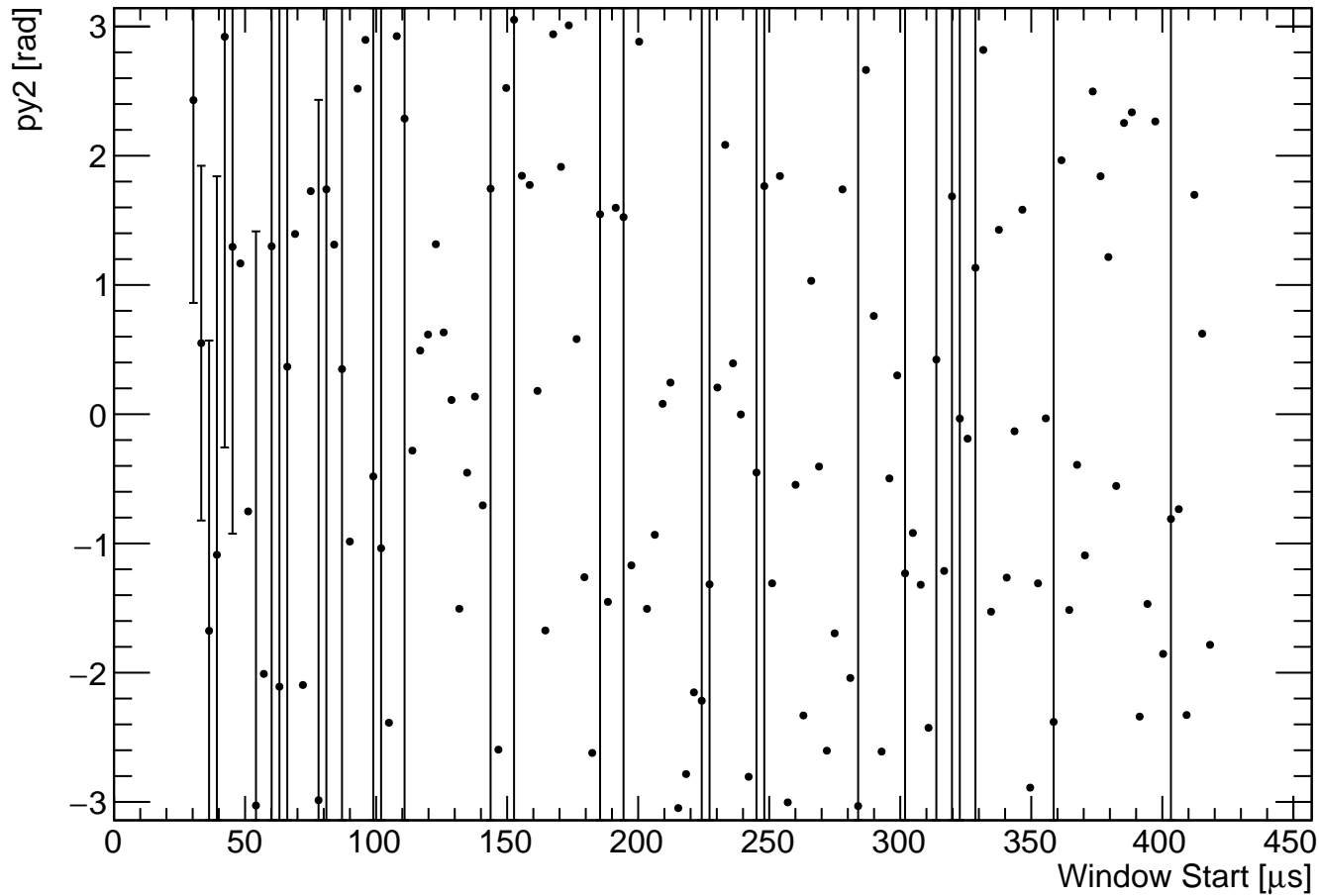
400

450

Window Start [μ s]



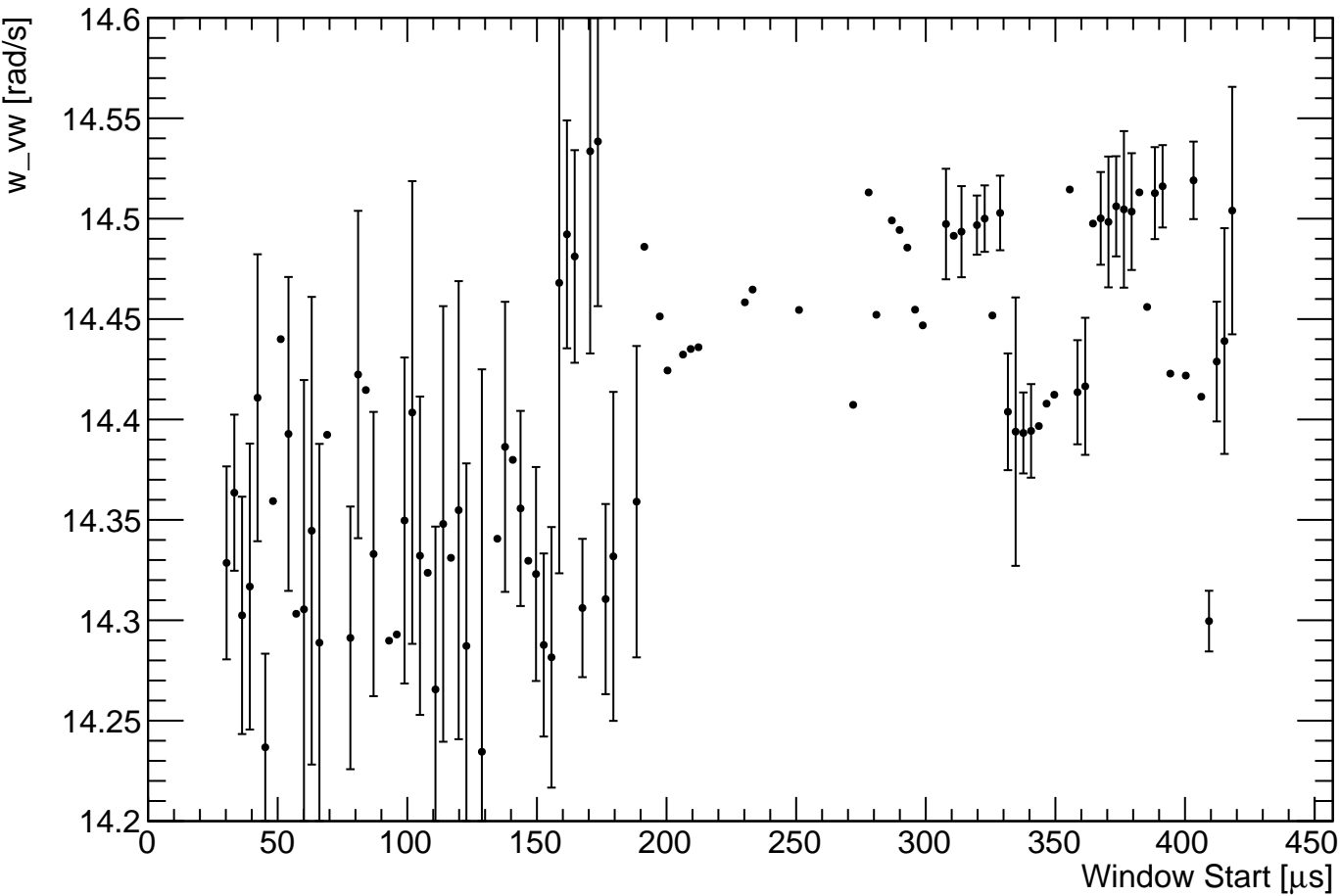
py2



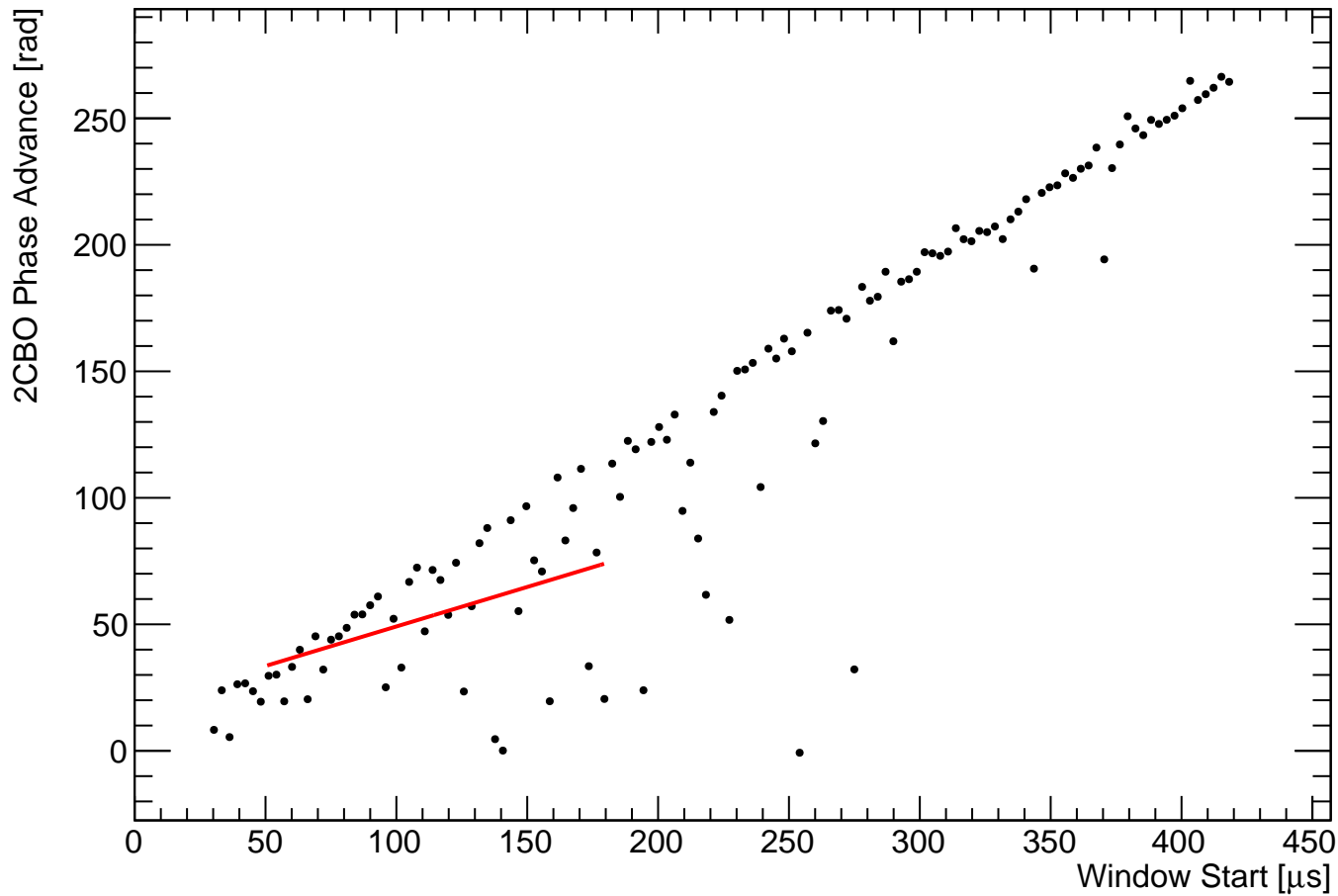
w_y



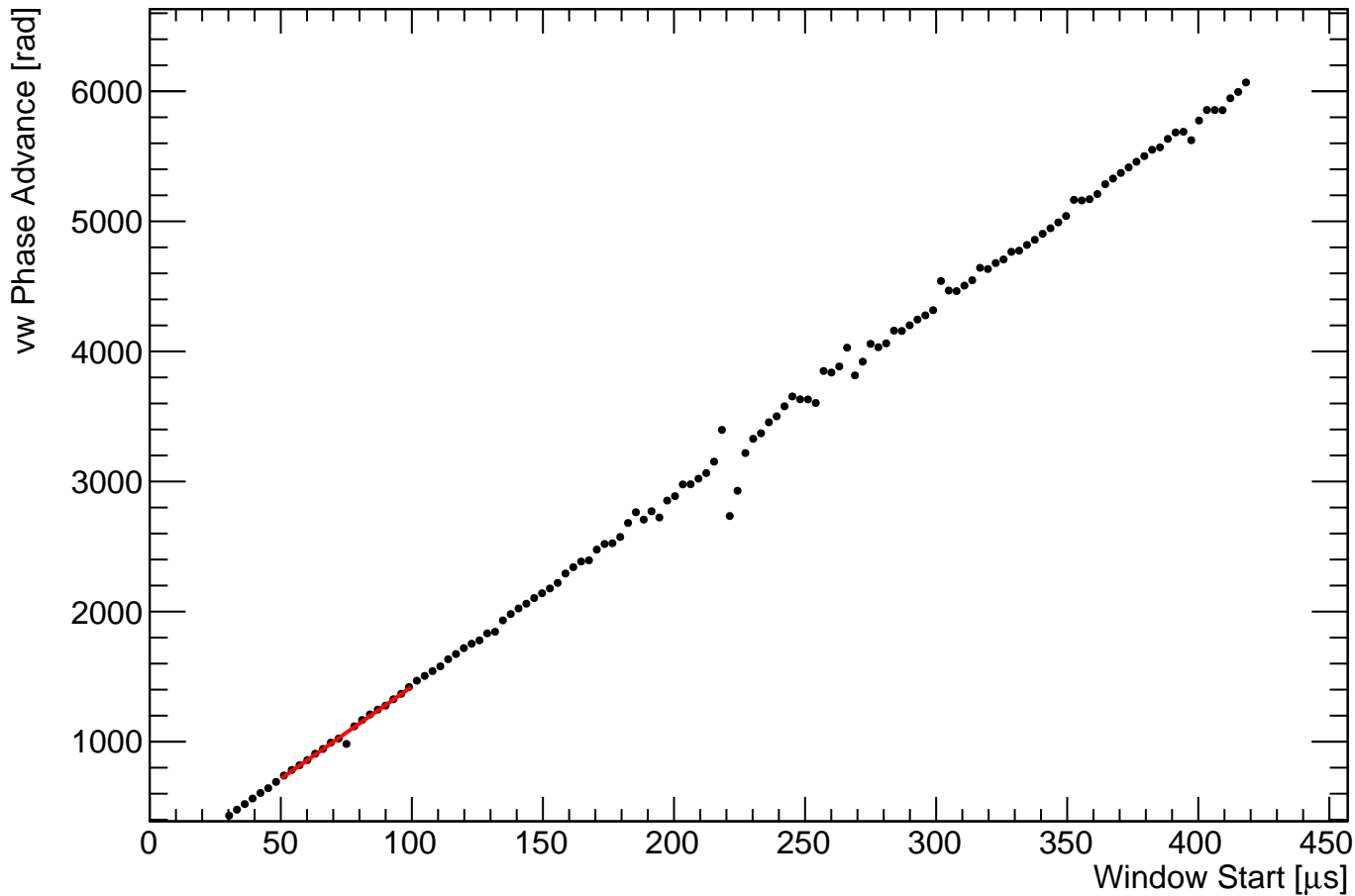
W_VW



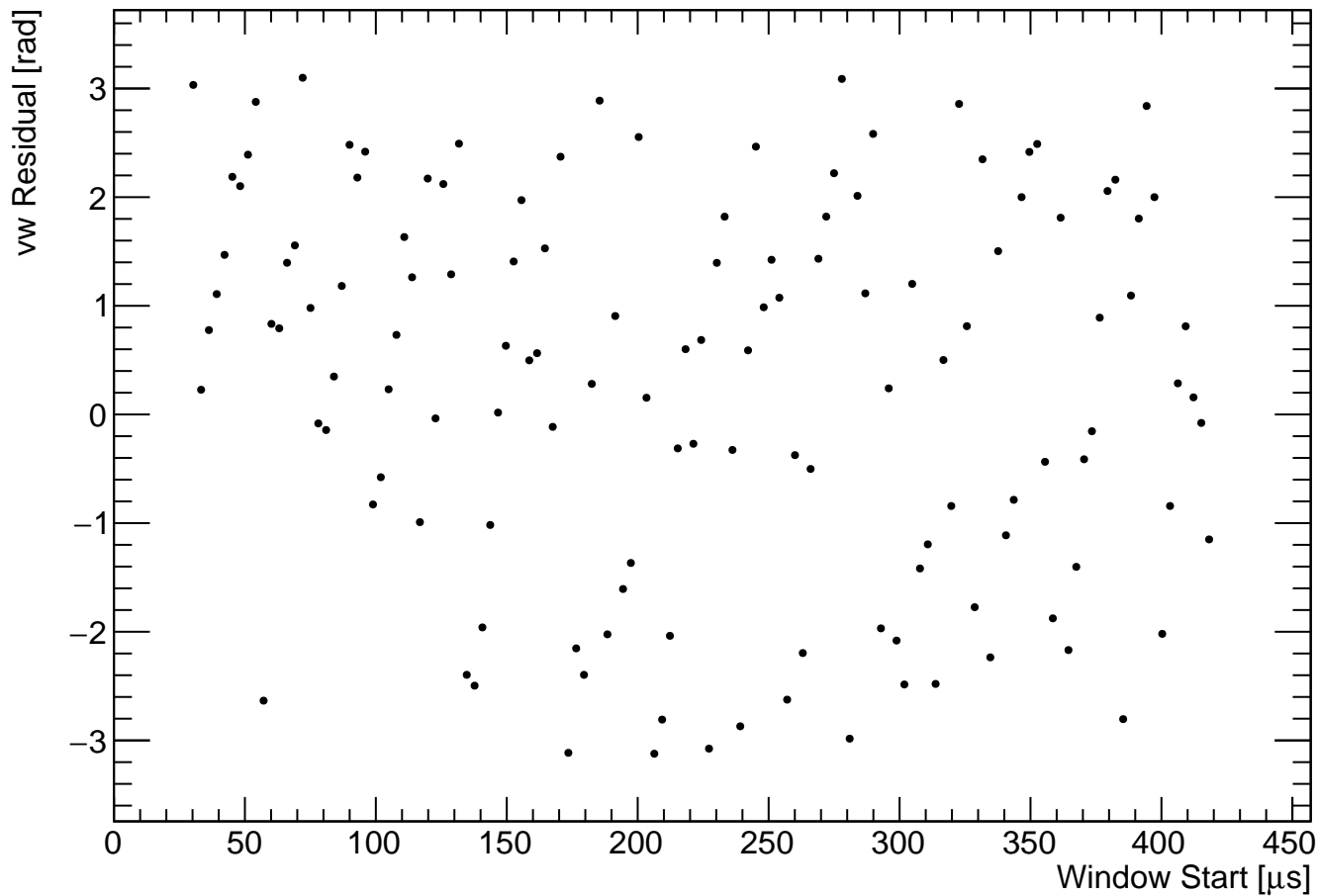
2CBO Phase Advance



vw Phase Advance



vw Phase Advance Residual



2CBO Phase Advance Residual

