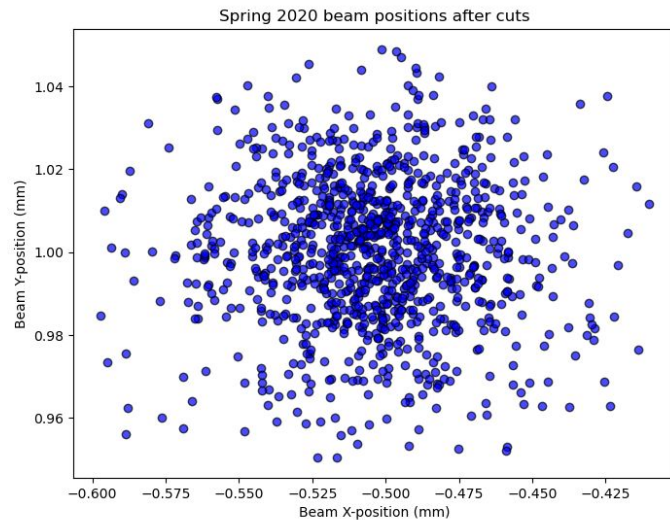
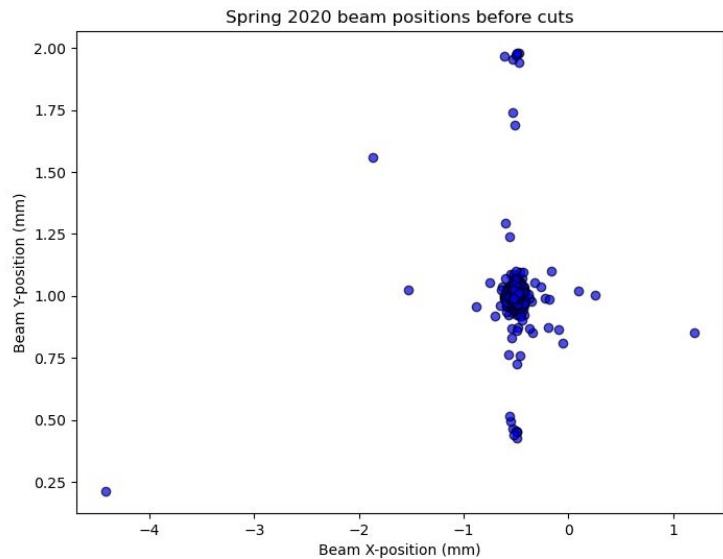


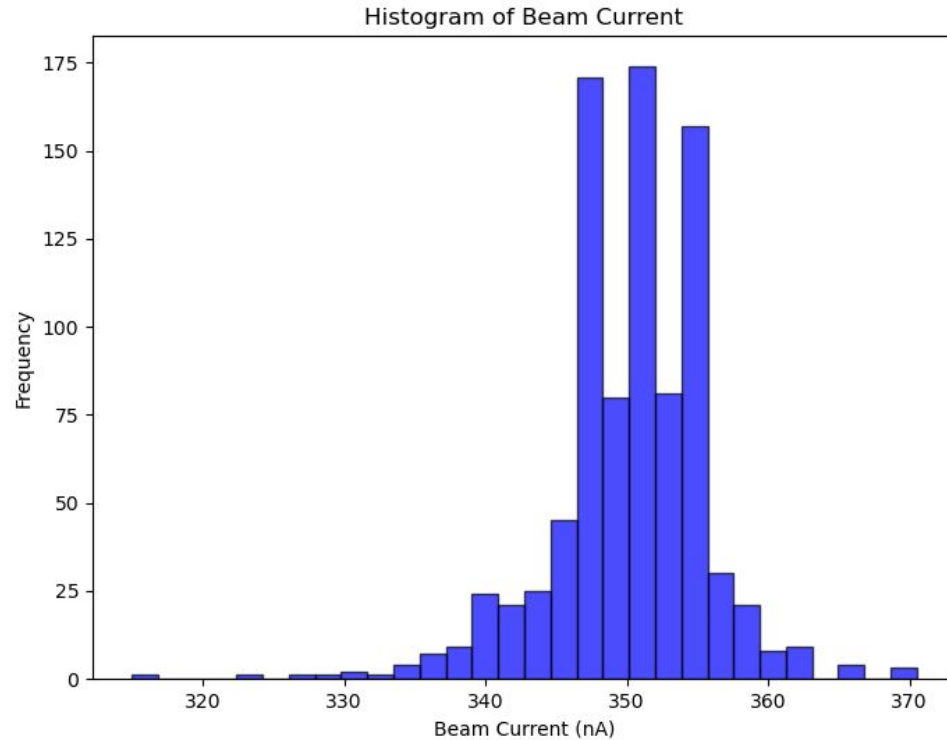
Goniometer Backlash Analysis

AIOP Photon Beam Meeting
November 18, 2024

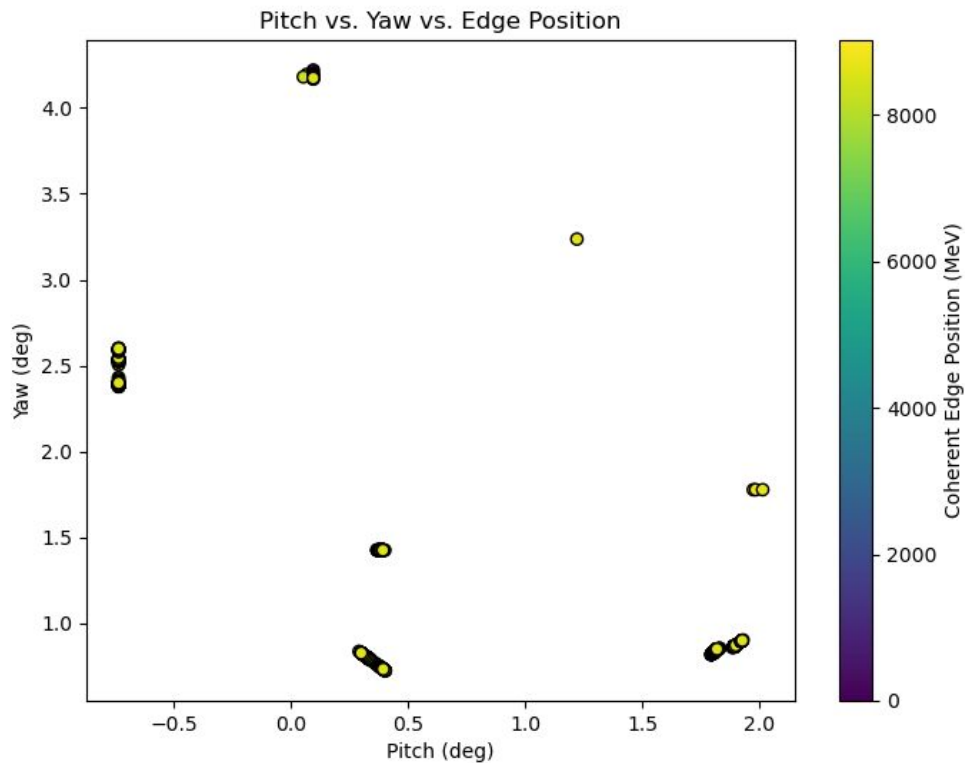
Restrict beam position to control for its effect on the edge position



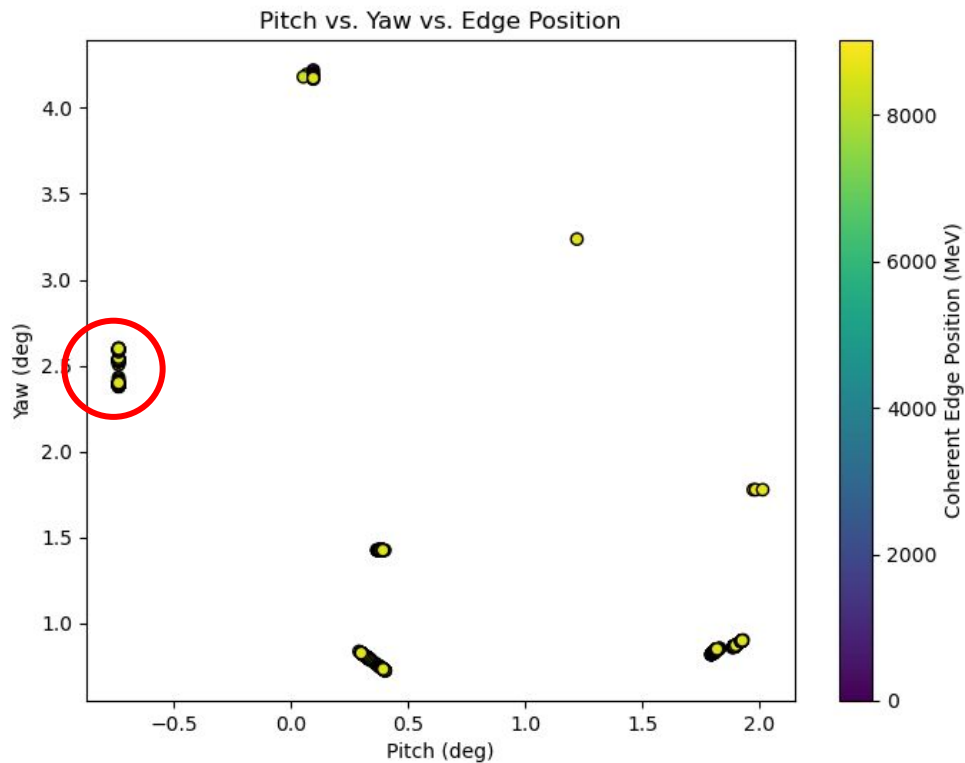
Ensure that beam is up



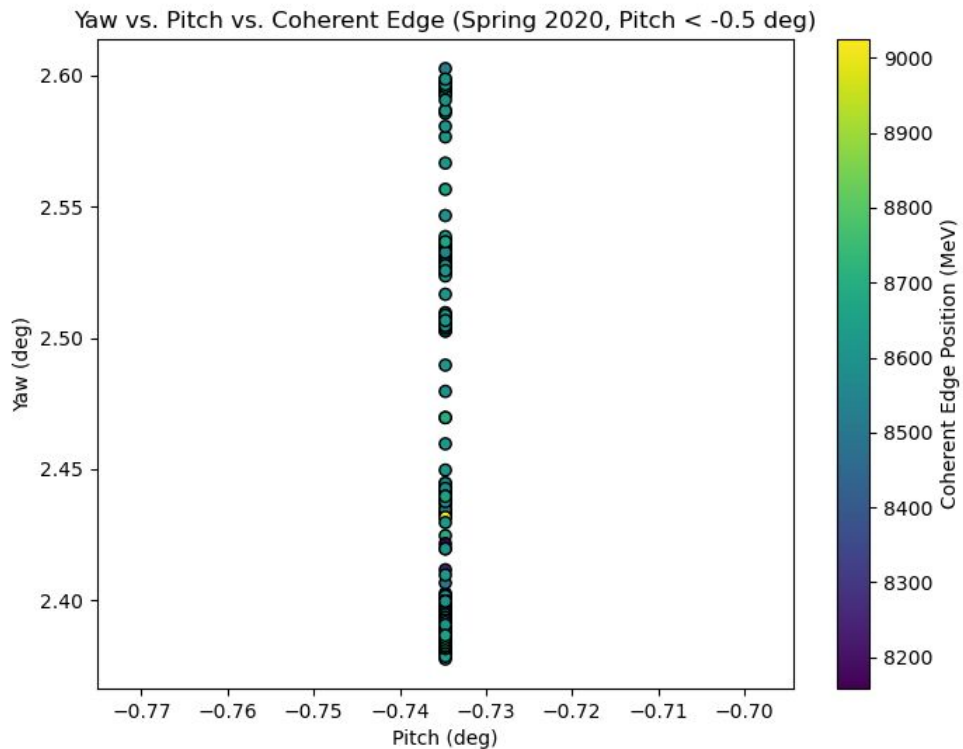
Zoom in on certain regions of phase space to see effect of goniometer angle on edge position



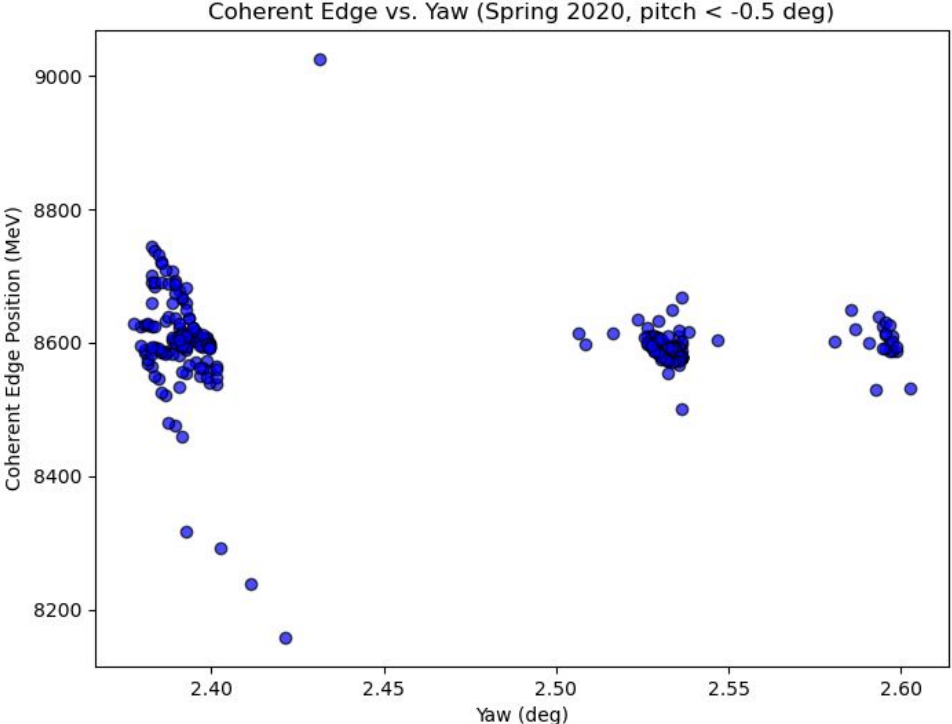
Zoom in on certain regions of phase space to see effect of goniometer angle on edge position



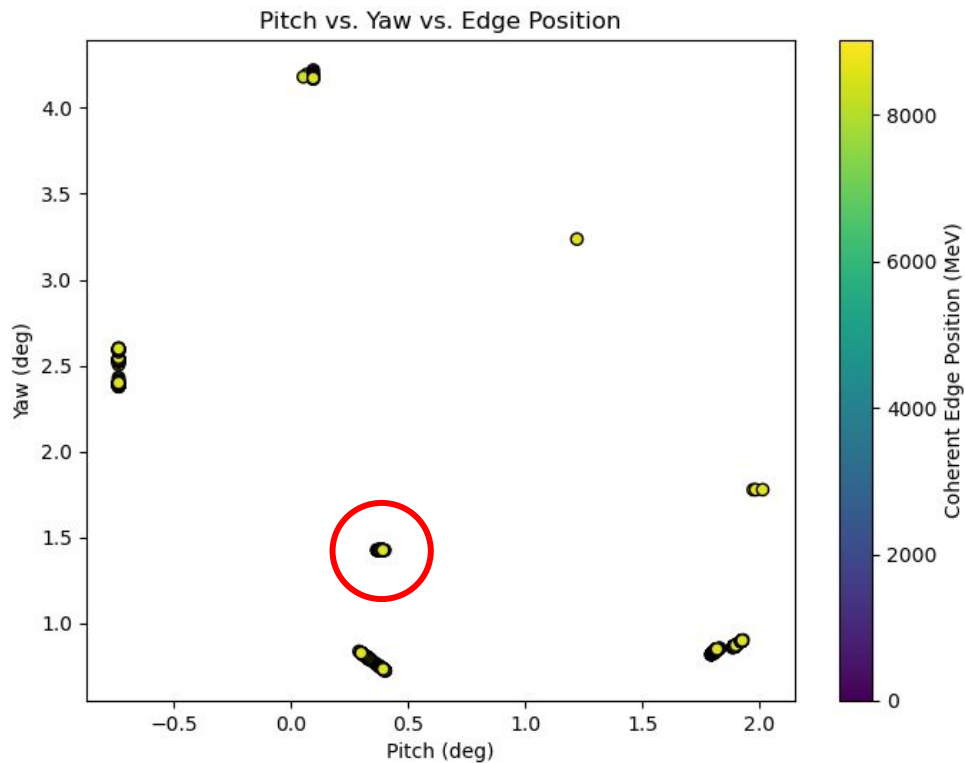
Pitch and Roll are constant, can just look at effect of yaw on coherent edge



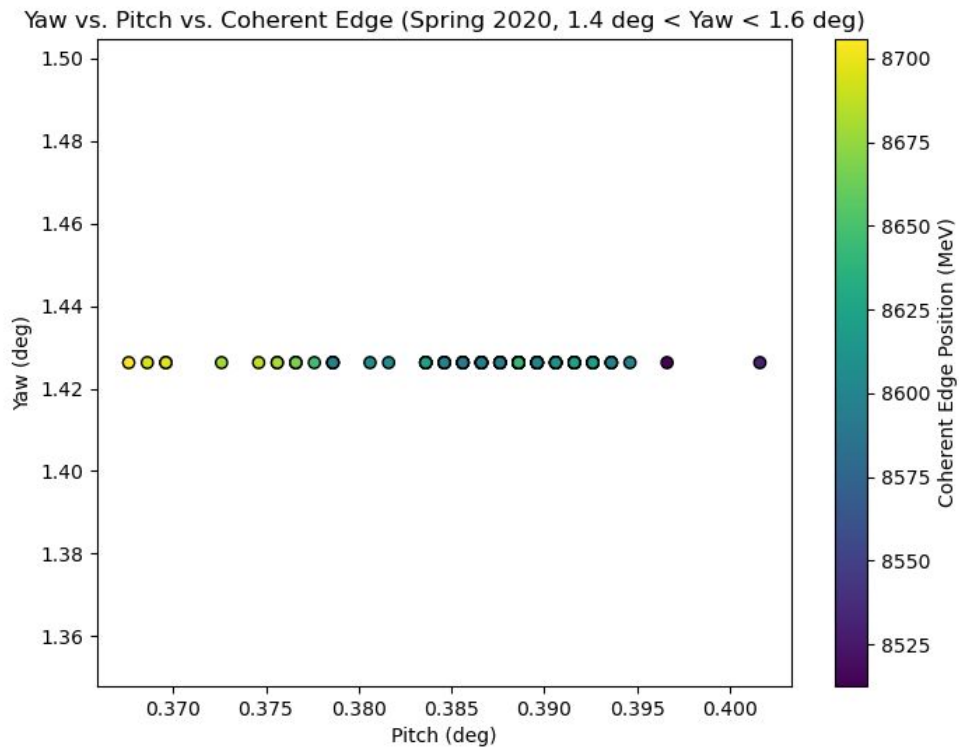
Spread in the coherent edge position for similar goniometer orientations



Zoom in on certain regions of phase space to see effect of goniometer angle on edge position



Yaw and Roll are constant, can just look at effect of pitch on coherent edge



Spread in the coherent edge position for similar goniometer orientations

