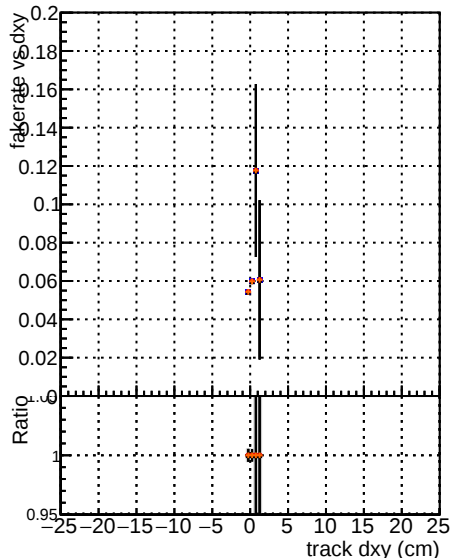
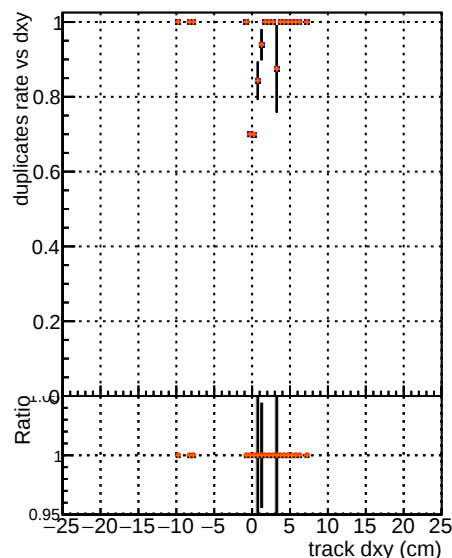


Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy

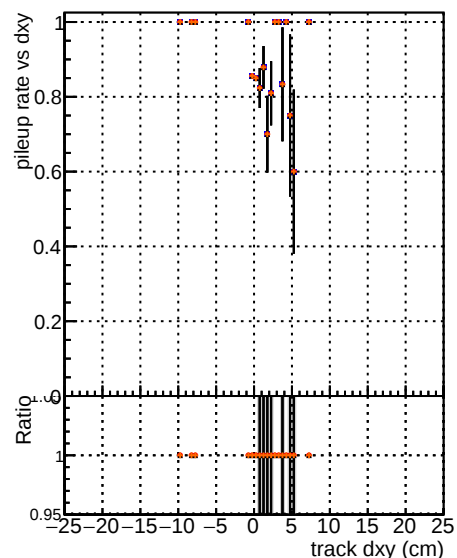
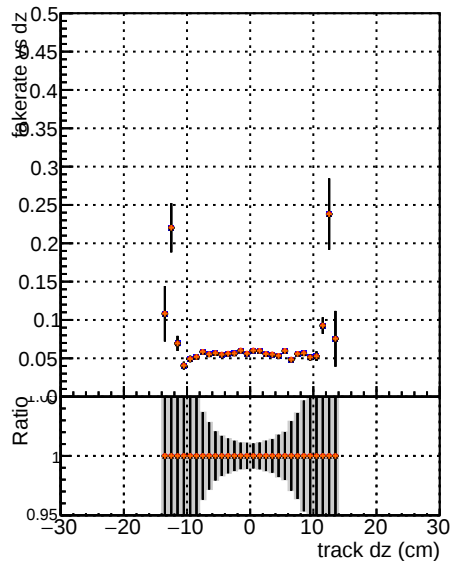


Figure 1: Overview of the proposed framework. The diagram shows a flow from 'Fake rate vs d' to a 'DQM' box, which then branches into 'Global' and 'Local' paths. The 'Global' path leads to 'mkFitOriginal' and 'RECO'. The 'Local' path leads to 'mkFitNewDef133' and 'RECO'. The 'RECO' box is labeled 'RECO' and 'RECO'.



mkFitOriginal RECO
mkFitNewDet RECO
mkFitNewDet33 RECO
mkFitNewDetNoF RECO

