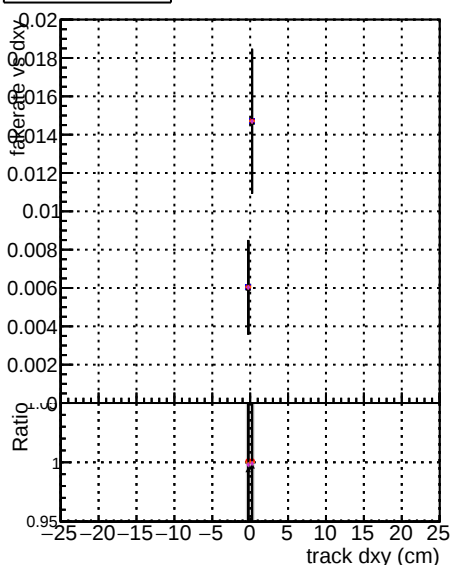
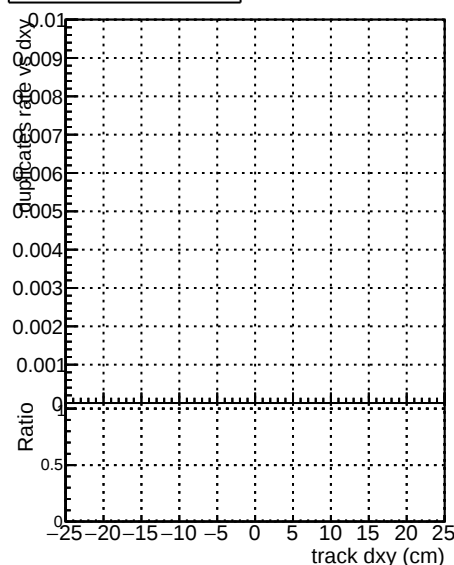


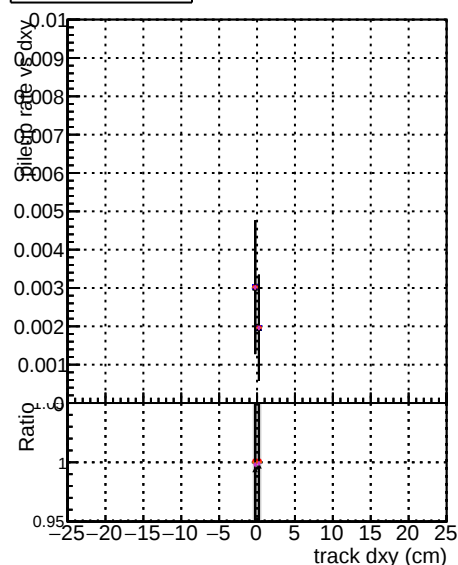
### Fake rate vs dxy



### Duplicates Rate vs Dxy



### Pileup rate vs dxy



Fake rate vs d

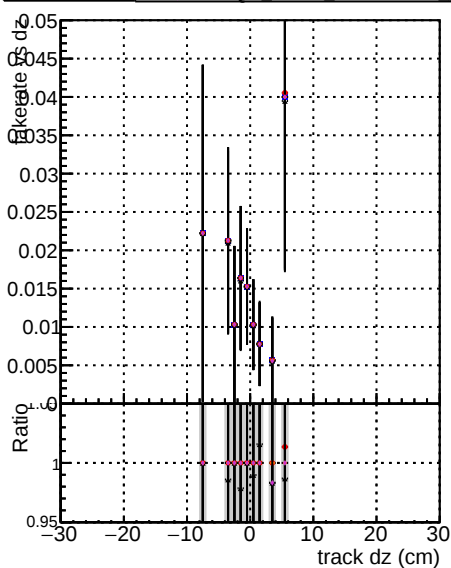
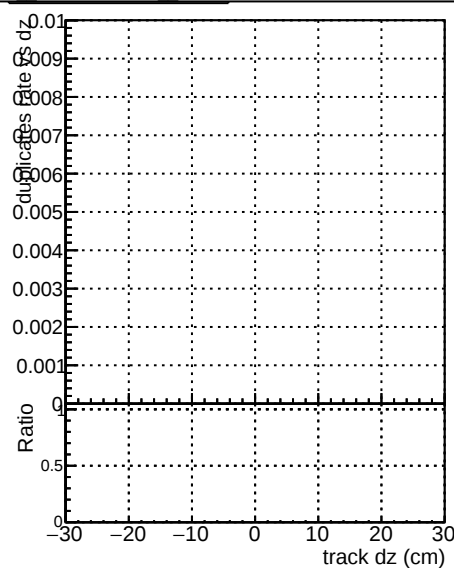


Figure 1 displays three rows of data comparing the fit of the RECO (Reconstructed) and the original data. The rows are labeled 'annual', 'annual', and 'annual' (likely a typo for 'annual' in the original). Each row contains a plot of 'mkFitOriginal' and 'mkFitNewDet' against 'RECO'. The plots show a clear trend where the RECO values are higher than the original data, and the new detection method (mkFitNewDet) provides a better fit to the original data than the RECO values.



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