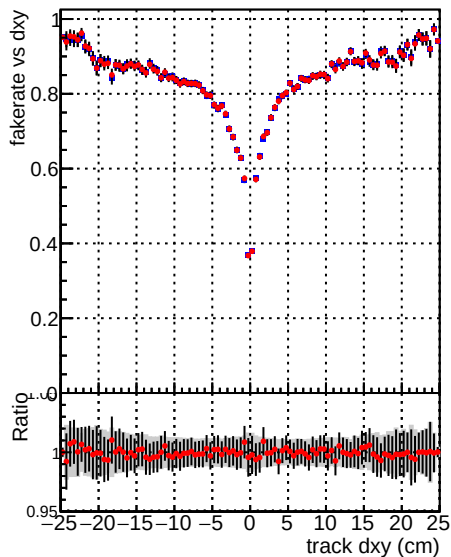
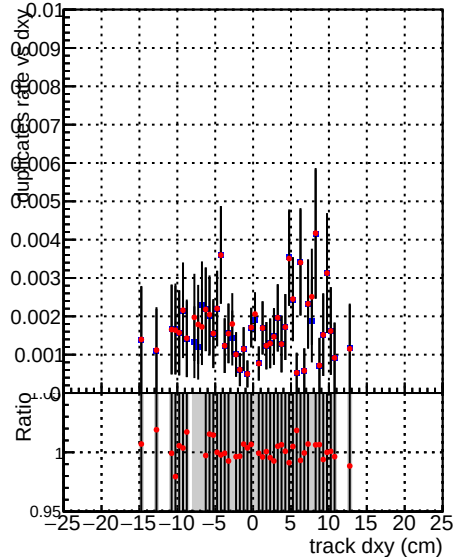
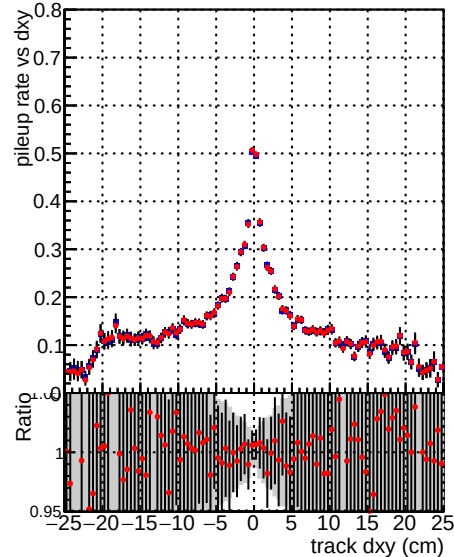


**Fake rate vs dxy****Duplicates Rate vs Dxy****Pileup rate vs dxy**

—●— DQM CKF XiMinusNOPU\_base  
 —●— DQM CKF XiMinusNOPU\_retrainOldFiles125\_v2\_prelimWPM\_epoch3

**Fake rate vs dz**