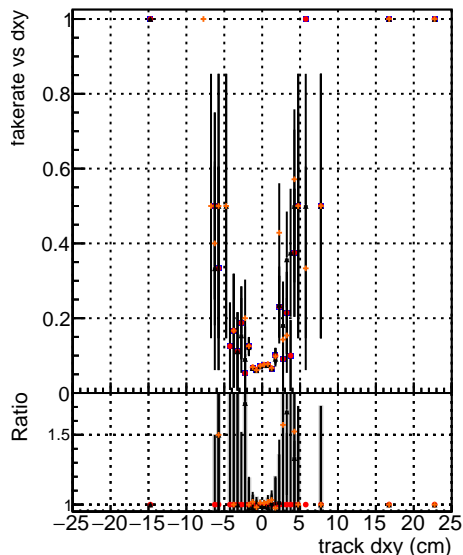
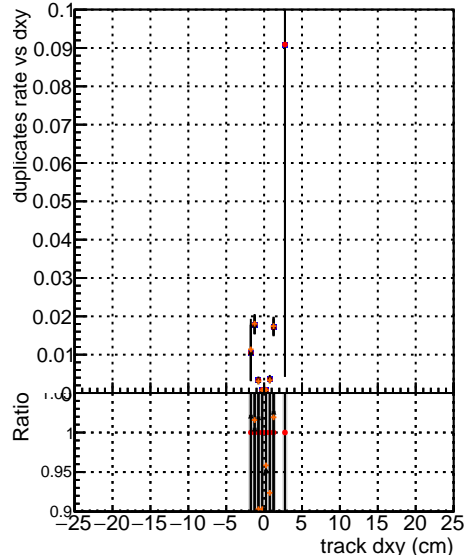
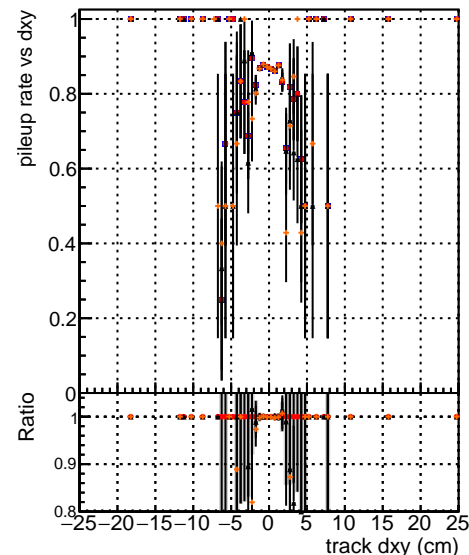


**Fake rate vs dxy****Duplicates Rate vs Dxy****Pileup rate vs dxy**

DGM original lowpt  
 DGM lowpt pLess  
 DGM newbranch lowpt pLess

**Fake rate vs dz**