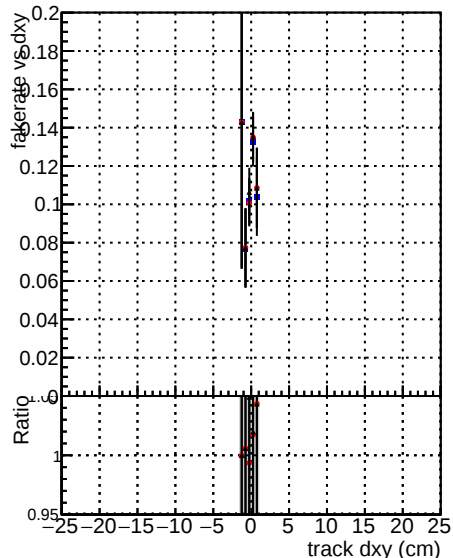
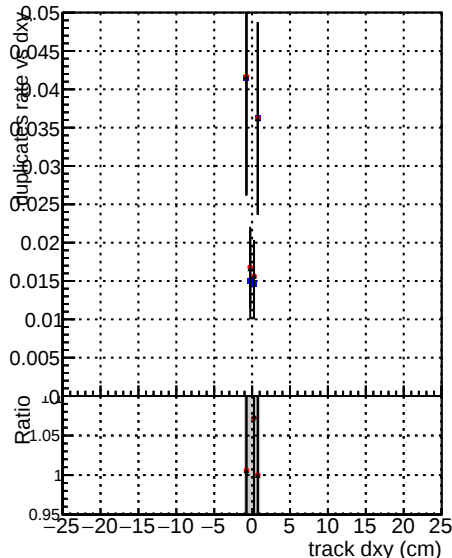


**Fake rate vs dxy**



**Duplicates Rate vs Dxy**



**Pileup rate vs dxy**



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

