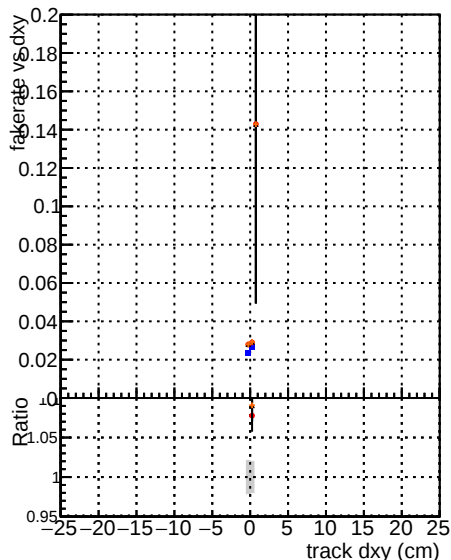
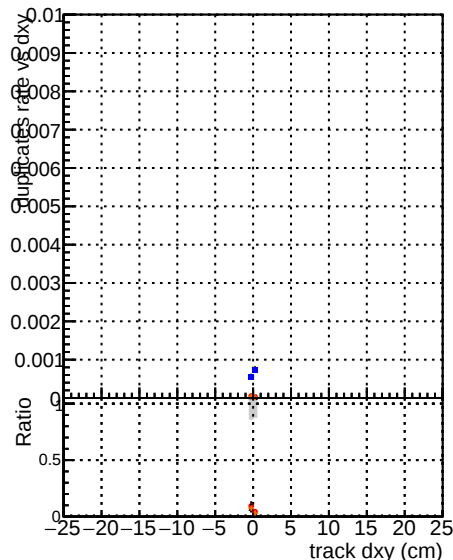


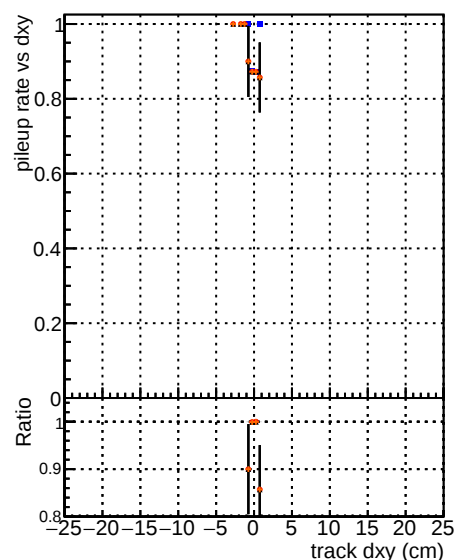
Fake rate vs dxy



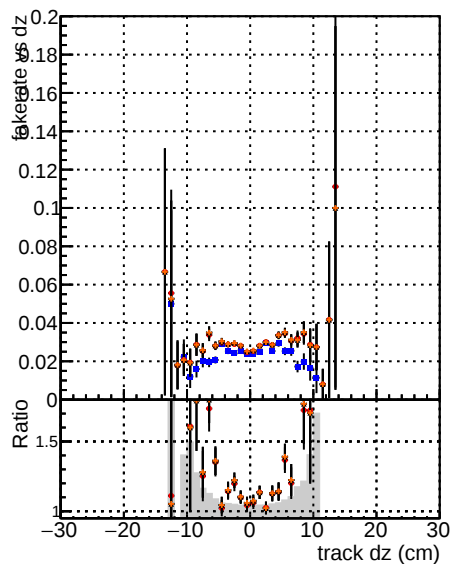
Duplicates Rate vs Dxy



Pileup rate vs dxy



Fake rate vs d


$$\frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \right) = \frac{1}{2}$$
