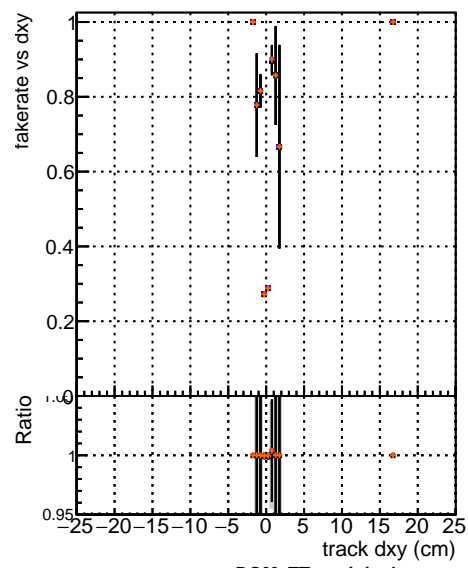
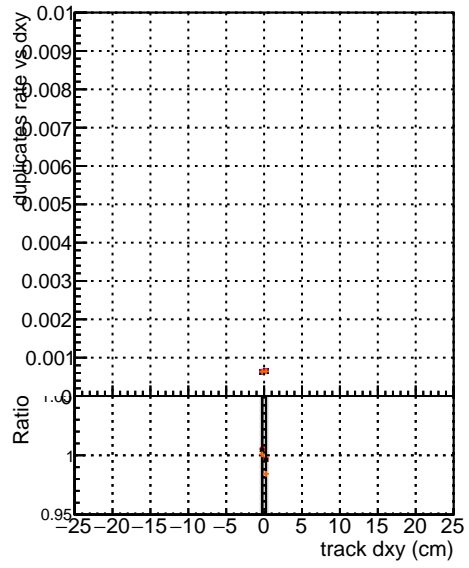
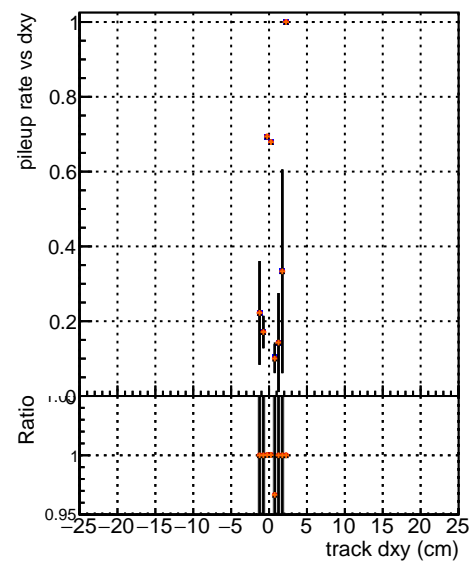
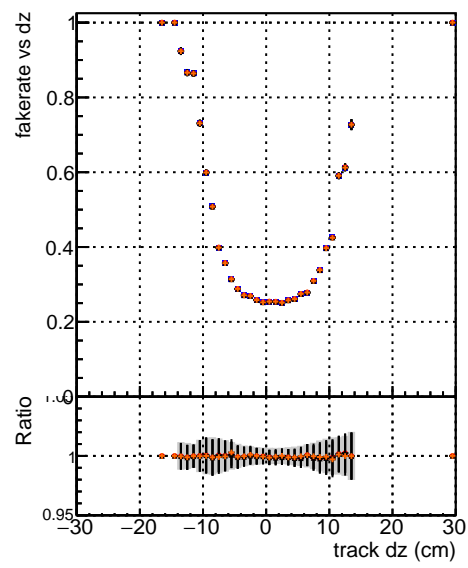
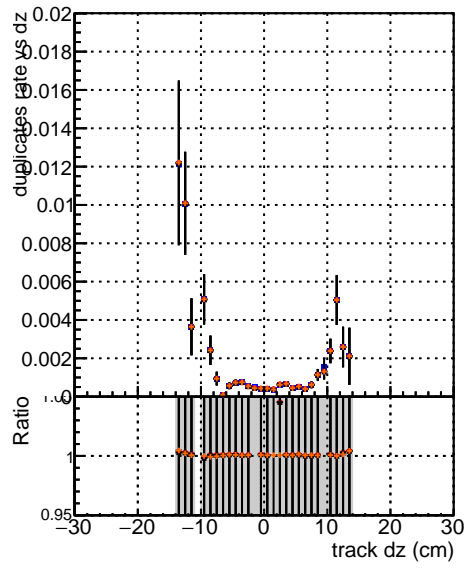
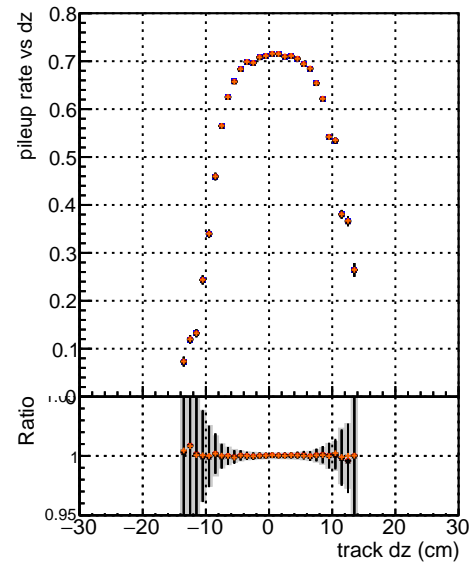


**Fake rate vs dxy****Duplicates Rate vs Dxy****Pileup rate vs dxy****Fake rate vs dz****Duplicates Rate vs Ddz****Pileup rate vs dxy**

Legend	Color	Symbol	Label
Blue line	Blue	Circle	original
Red line	Red	Circle	PU1
Green line	Green	Circle	PU2
Orange line	Orange	Circle	PU3