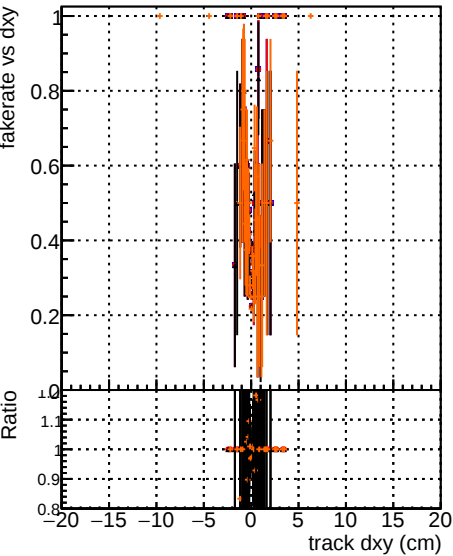
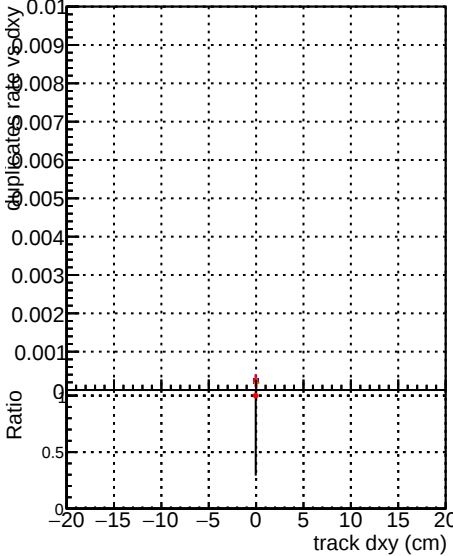


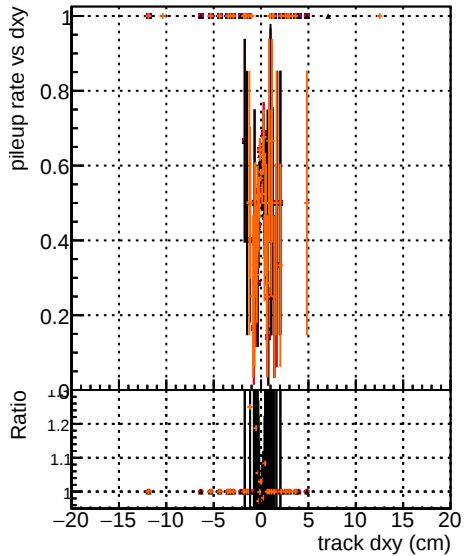
Fake rate vs dxy



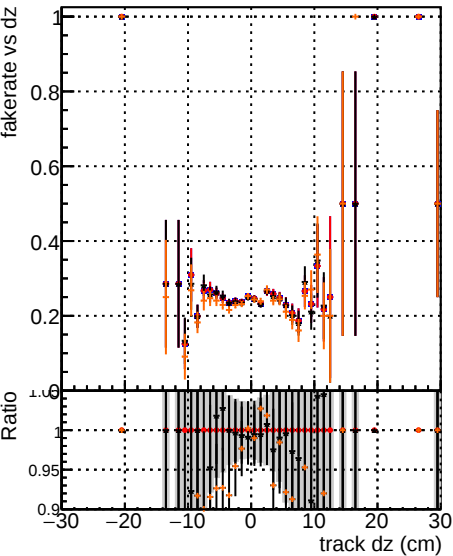
Duplicates Rate vs Dxy



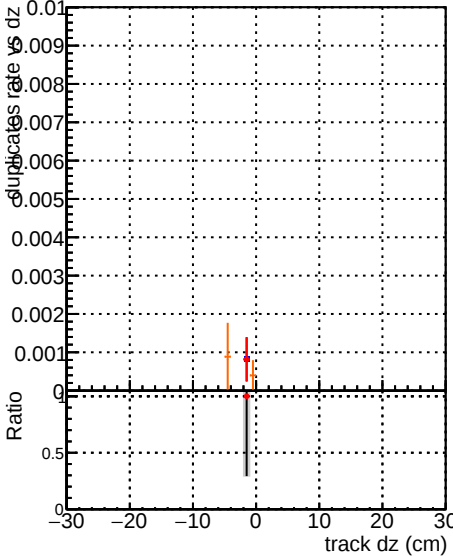
Pileup rate vs dxy



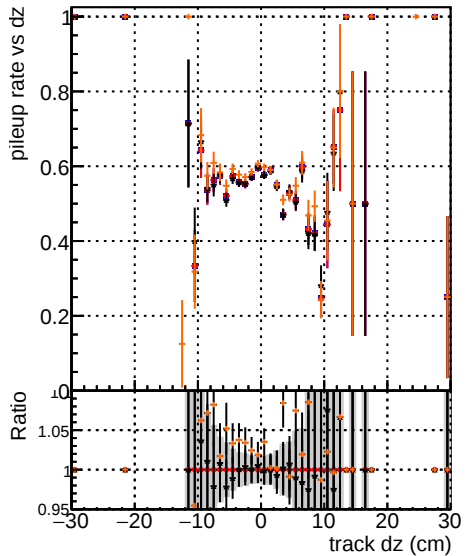
Fake rate vs dz



Duplicates Rate vs Ddz



Pileup rate vs dz



Legend:
- BGM original - original vector 1000evt
- BGM original - original vector 1000evt
- BGM original - original vector 1000evt
- BGM original - original vector 1000evt