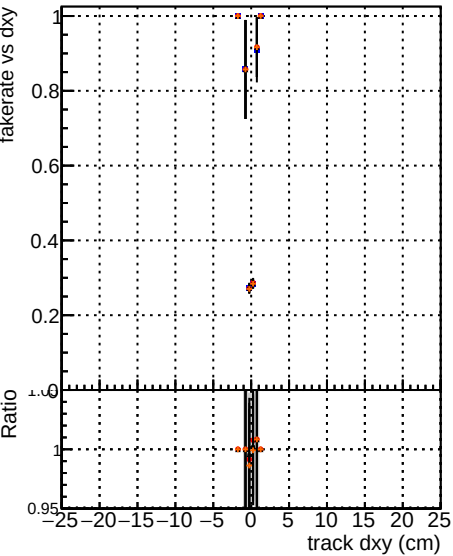
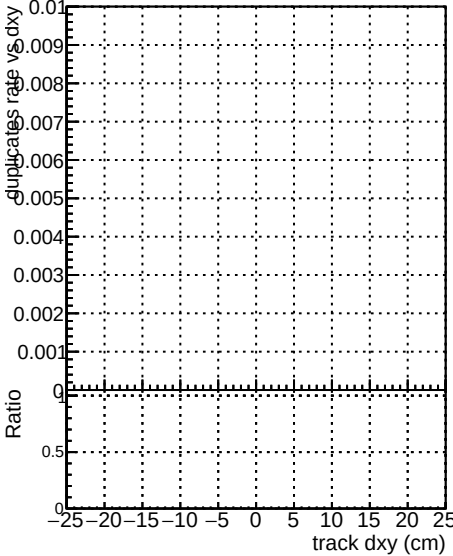


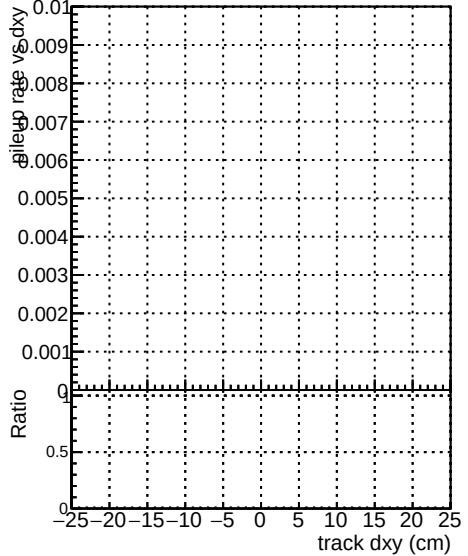
Fake rate vs dxy



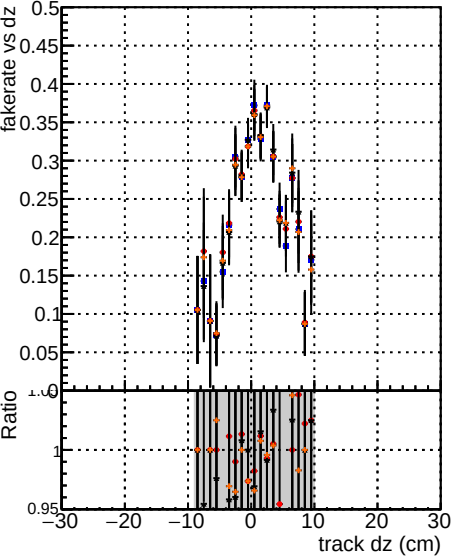
Duplicates Rate vs Dxy



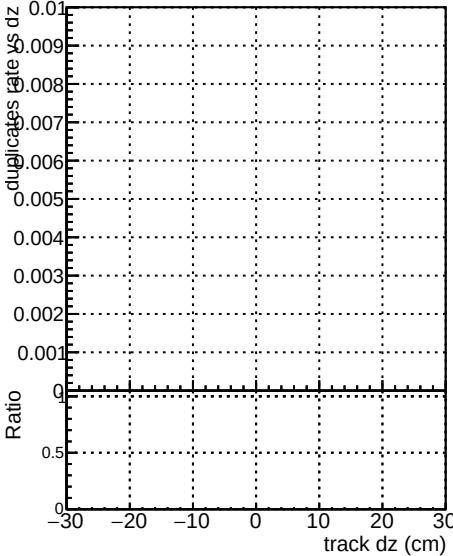
Pileup rate vs dxy



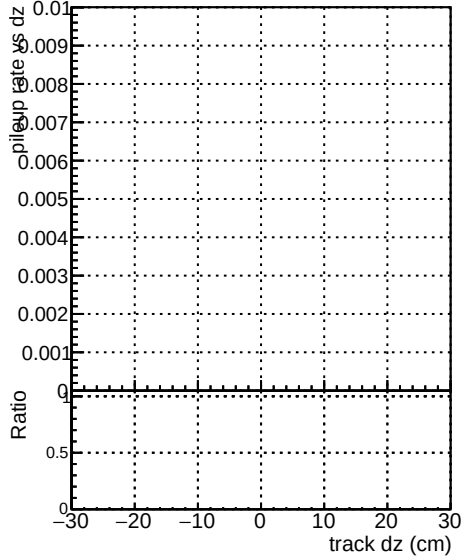
Fake rate vs dz



Duplicates Rate vs Dzy



Pileup rate vs dzy



Legend for all plots:
- Blue dots: DQM IT
- Orange dots: DQM IT
- Red dots: DQM IT
- Black dots: original noPU
- Grey dots: pileup 80% Max
- Green dots: pileup 80% Max
- Yellow dots: pileup 80% Max
- Purple dots: pileup 80% Max
- Light blue dots: pileup 80% Max
- Light orange dots: pileup 80% Max
- Light red dots: pileup 80% Max
- Light green dots: pileup 80% Max
- Light yellow dots: pileup 80% Max
- Light purple dots: pileup 80% Max
- Light blue dots: pileup 80% Max
- Light orange dots: pileup 80% Max
- Light red dots: pileup 80% Max
- Light green dots: pileup 80% Max
- Light yellow dots: pileup 80% Max
- Light purple dots: pileup 80% Max