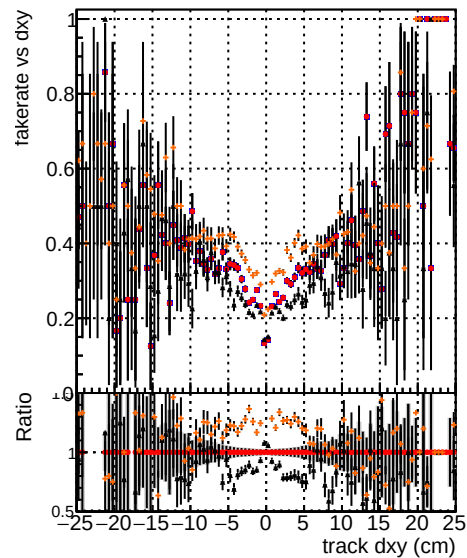
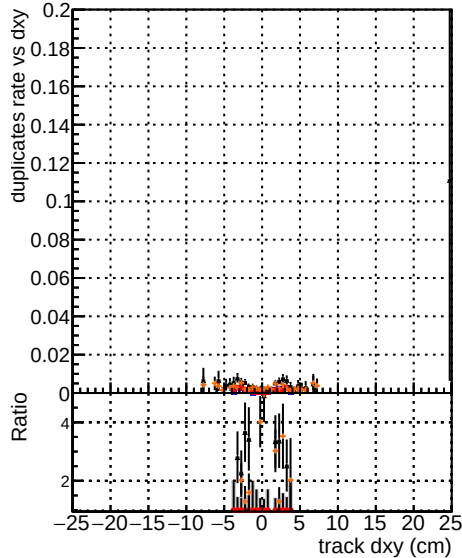


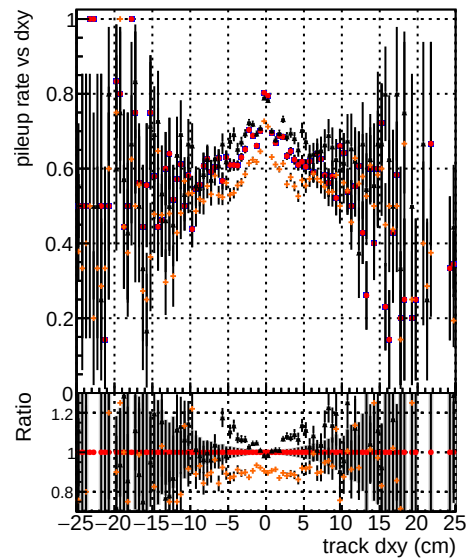
Fake rate vs dxy



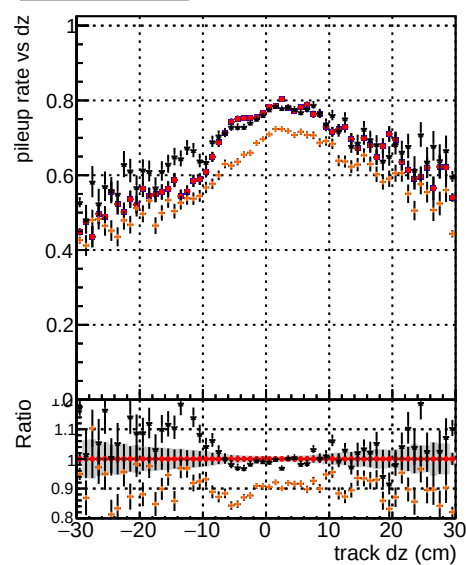
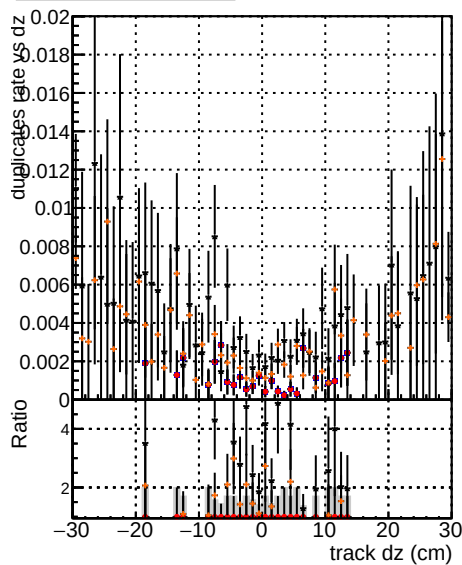
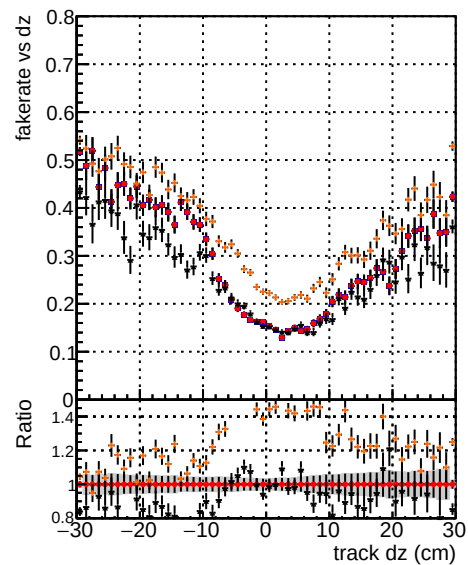
Duplicates Rate vs Dxy



Pileup rate vs dxy



Fake rate vs dz



BQM original
 BQM newbranch
 BQM newbranch + less
 BQM newbranch + less