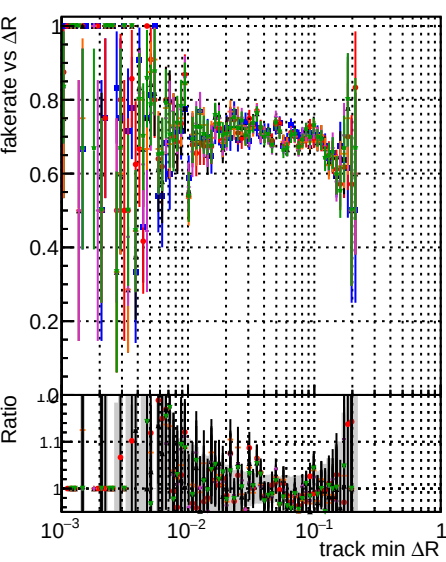
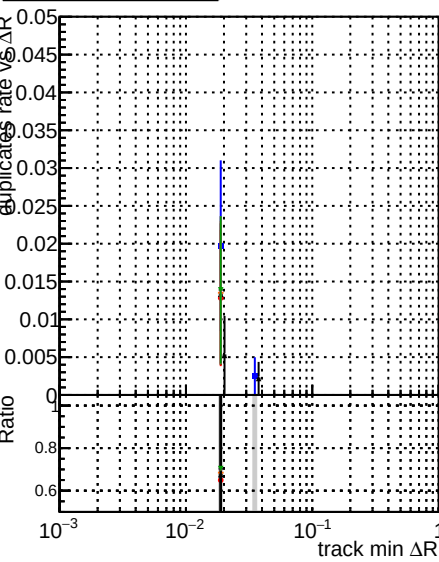


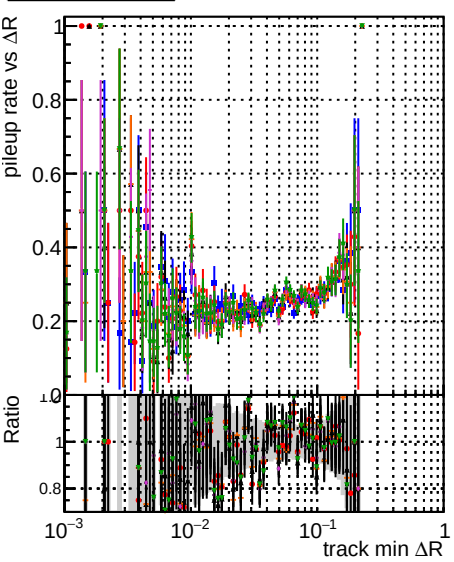
Fake rate vs dr



Duplicates Rate vs dr



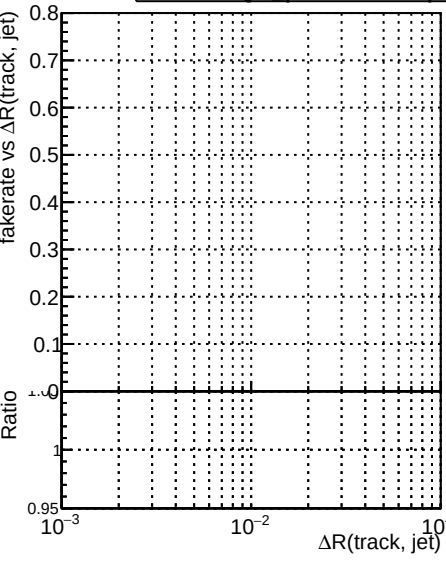
Pileup rate vs dr



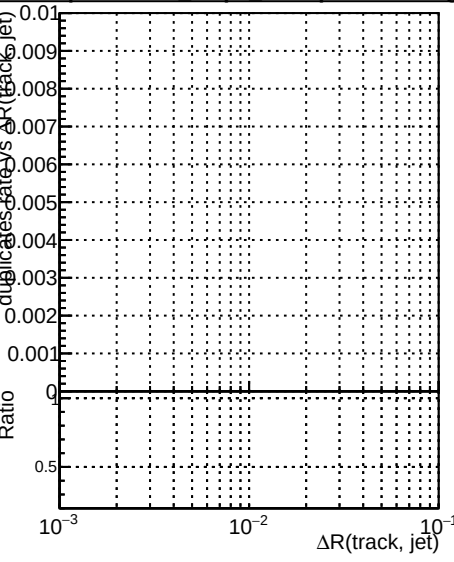
Legend for Fake rate vs ΔR , Duplicates Rate vs ΔR , and Pileup rate vs ΔR :

Method	Symbol
original	Blue line with circles
step2	Red line with circles
tbar	Green line with circles
phase1	Black line with circles
newgeom	Grey line with circles
original	Blue line with squares
step2	Red line with squares
tbar	Green line with squares
phase1	Black line with squares
newgeom	Grey line with squares
original	Blue line with triangles
step2	Red line with triangles
tbar	Green line with triangles
phase1	Black line with triangles
newgeom	Grey line with triangles
original	Blue line with diamonds
step2	Red line with diamonds
tbar	Green line with diamonds
phase1	Black line with diamonds
newgeom	Grey line with diamonds

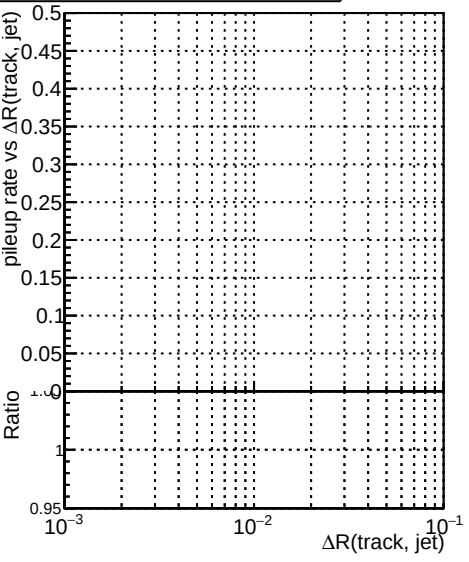
Fake rate vs



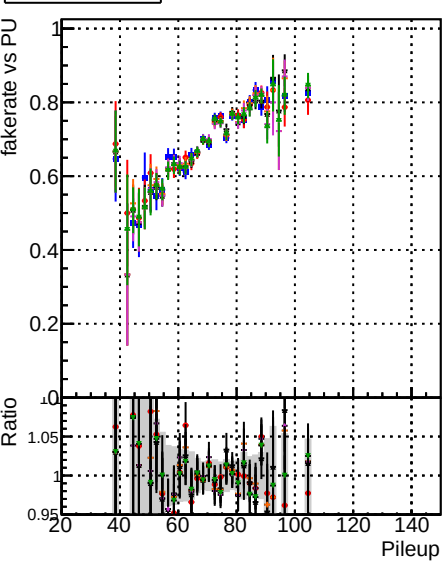
Duplicates rate vs



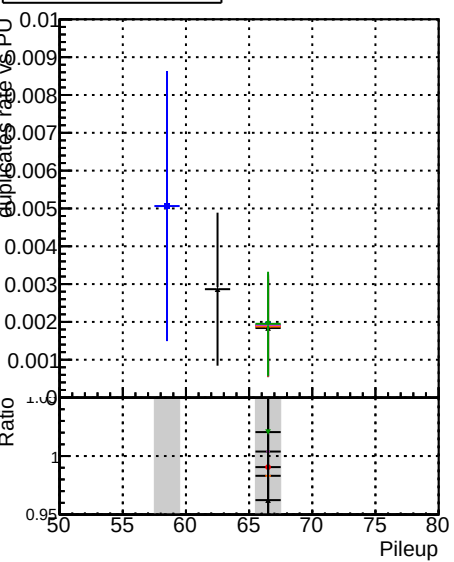
Pileup rate vs



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

