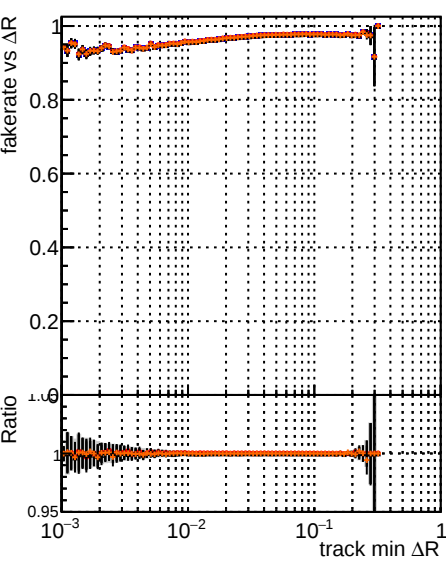
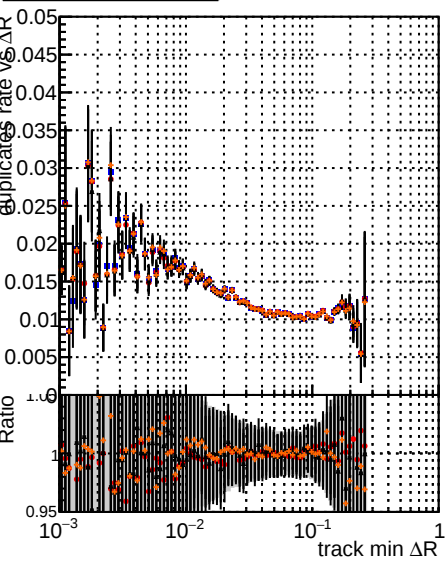


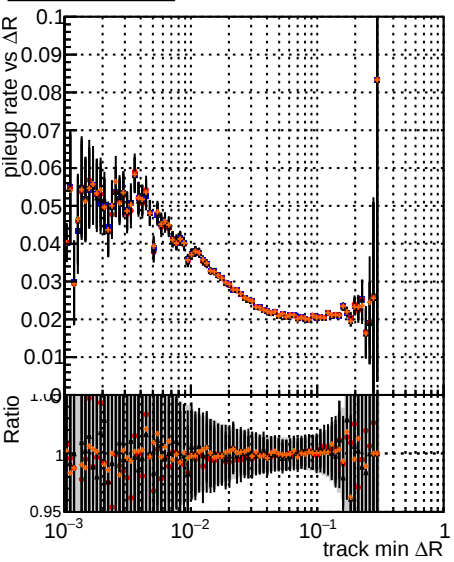
Fake rate vs dr



Duplicates Rate vs dr



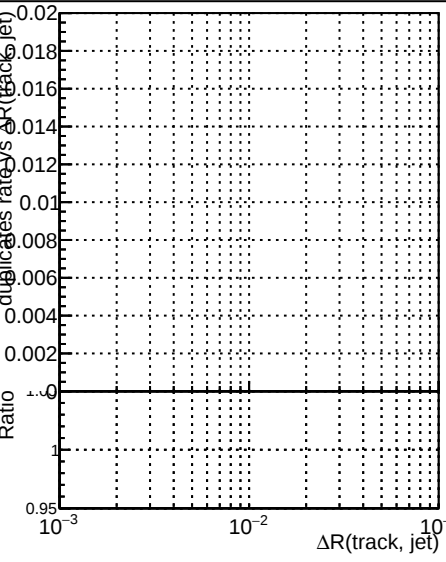
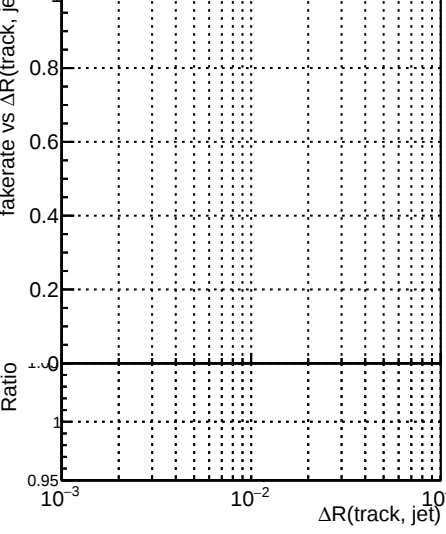
Pileup rate vs dr



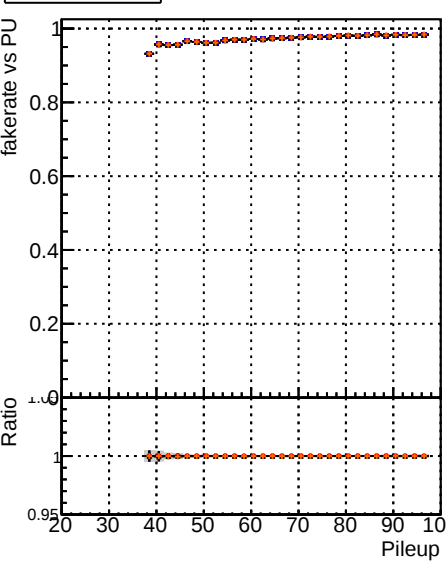
Legend for Fake rate vs ΔR , Duplicates Rate vs ΔR , and Pileup rate vs ΔR :

Line Style	Color	Symbol	Model
Solid	Black	None	original noPU
Dashed	Blue	Circle	paretofrontMaxEff
Dashed	Red	Circle	paretofrontMaxEff_PU
Dashed	Black	Circle	paretofrontMinR
Dashed	Red	Circle	paretofrontMinR_PU

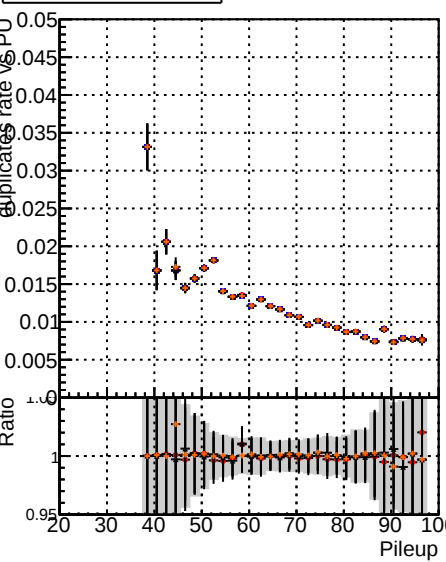
Fake rate vs



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

