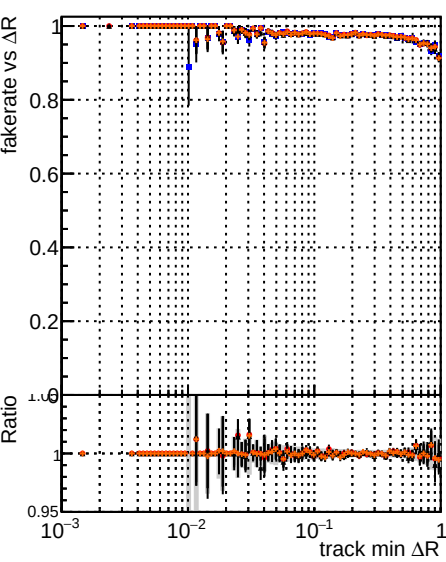


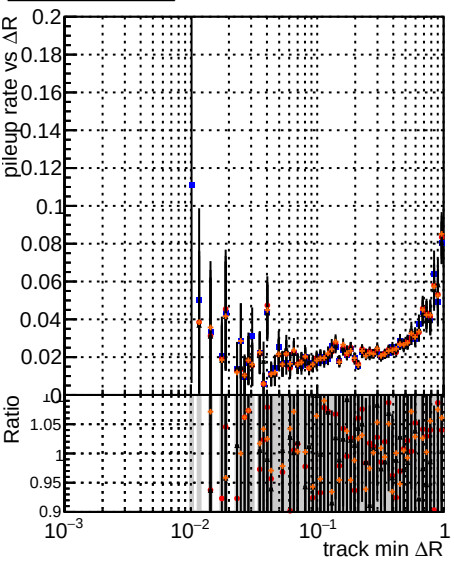
Fake rate vs dr



Duplicates Rate vs dr



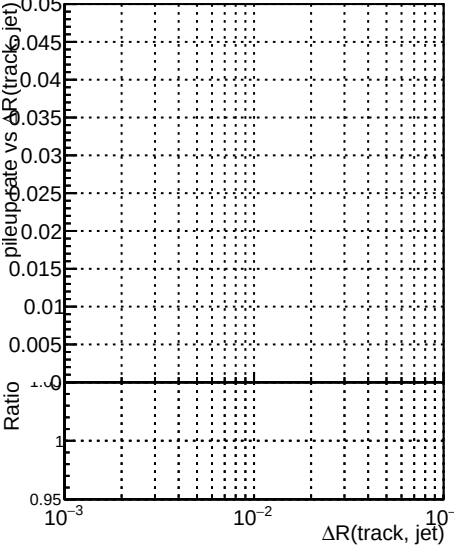
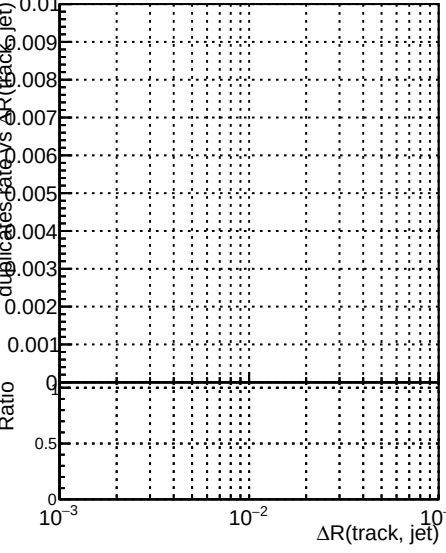
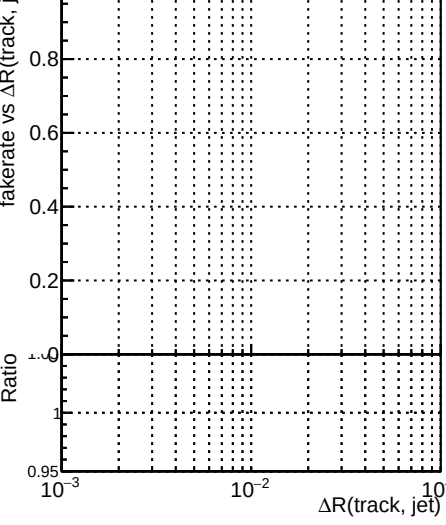
Pileup rate vs dr



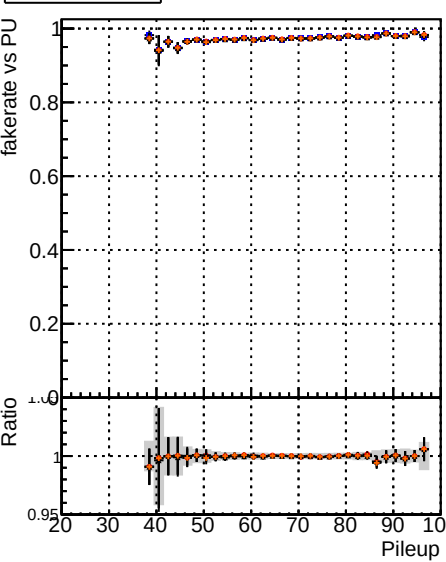
Legend for Fake rate vs ΔR , Duplicates Rate vs ΔR , and Pileup rate vs ΔR :

Line Style	Color	Symbol	Series
Solid	Black	None	original noPU
Dashed	Blue	None	paretofrontMinEffOnlyFWD2_PU
Dashed	Red	None	paretofrontMinHitOnlyFWD2_PU
Dashed	Black	None	paretofrontMaxEffOnlyFWD2_PU
Dashed	Blue	None	paretofrontMaxHitOnlyFWD2_PU

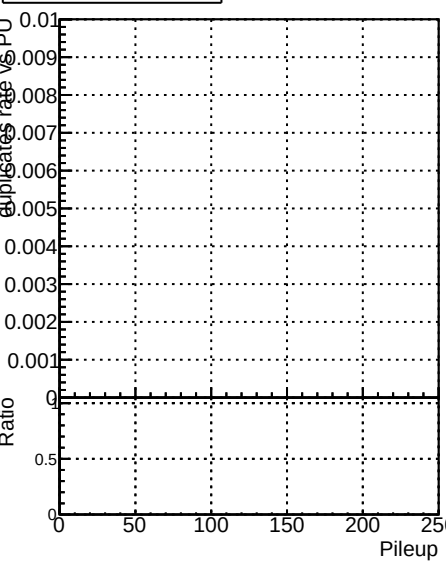
Fake rate vs



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

