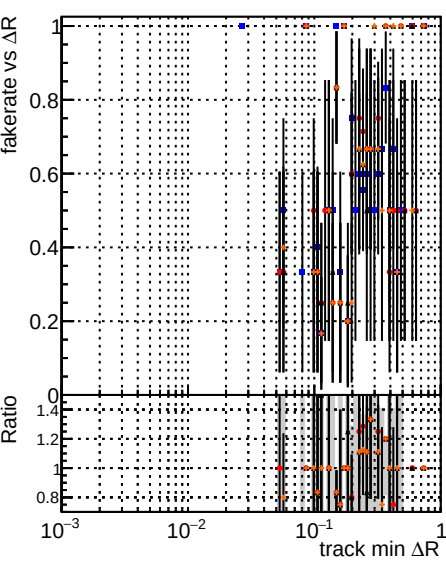


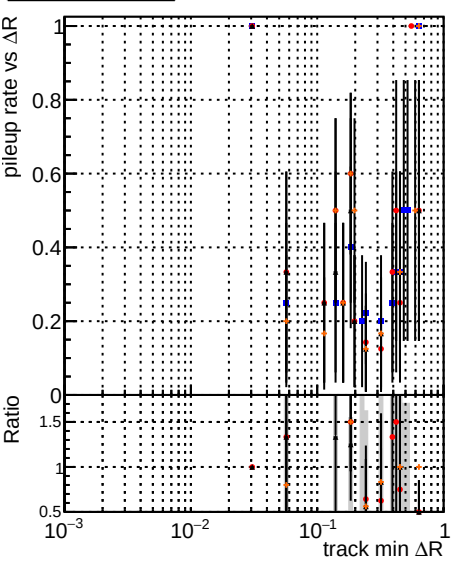
Fake rate vs dr



Duplicates Rate vs dr



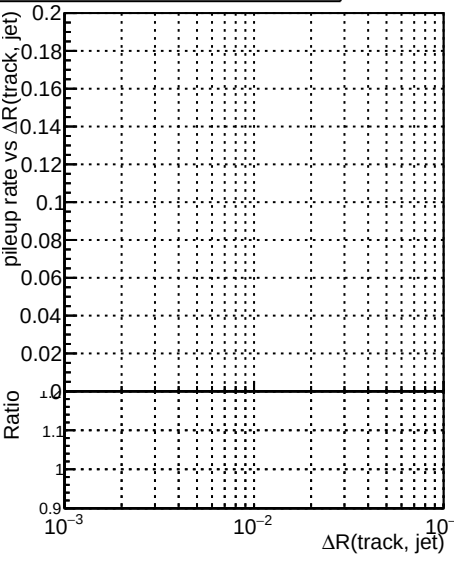
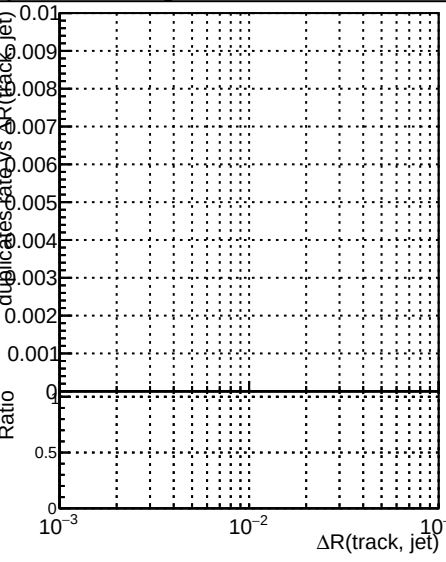
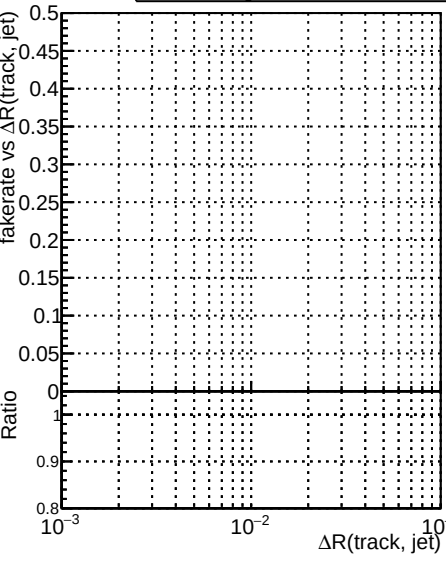
Pileup rate vs dr



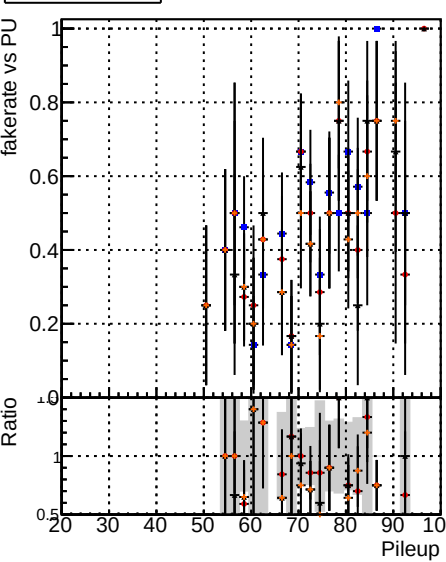
Legend for Fake rate vs ΔR , Duplicates Rate vs ΔR , and Pileup rate vs ΔR :

Model	Line Style	Color	Symbol
original	Solid	Black	None
mod modelTEST-25	Dashed	Blue	Circle
mod modelTEST-29	Dashed	Red	Circle
mod modelTEST-24	Dashed	Orange	Circle
mod modelTEST-25	Dashed	Blue	Circle
mod modelTEST-29	Dashed	Red	Circle
mod modelTEST-24	Dashed	Orange	Circle

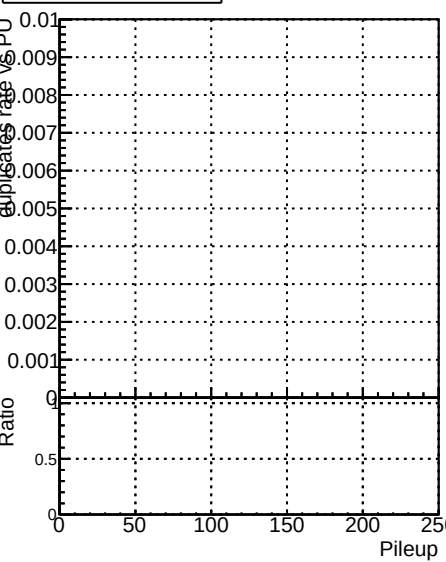
Fake rate vs



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

