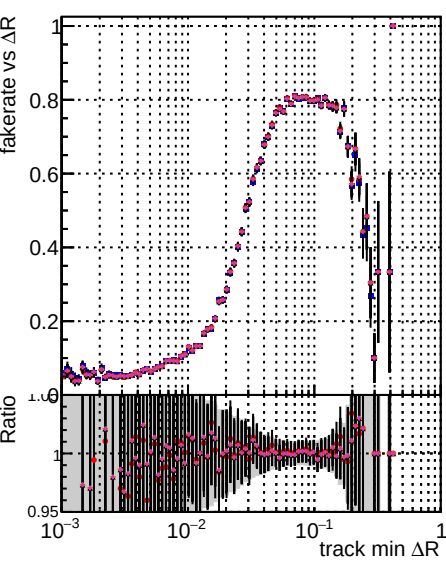
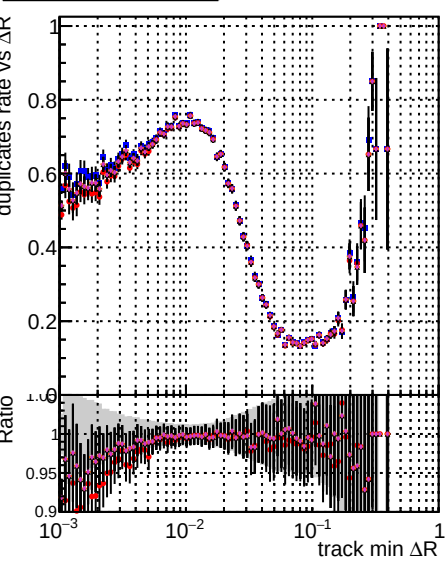


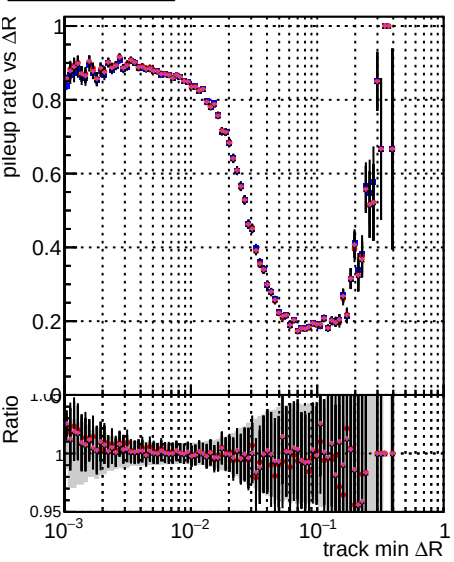
Fake rate vs dr



Duplicates Rate vs dr



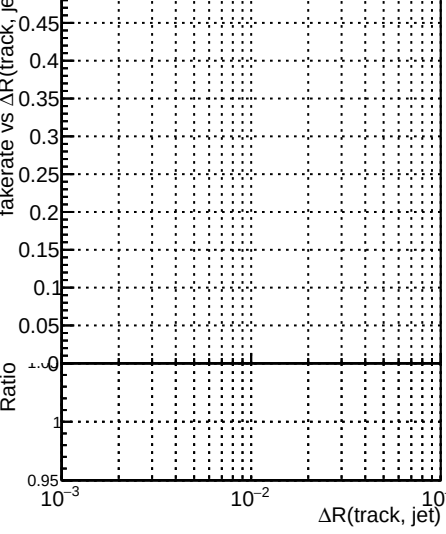
Pileup rate vs dr



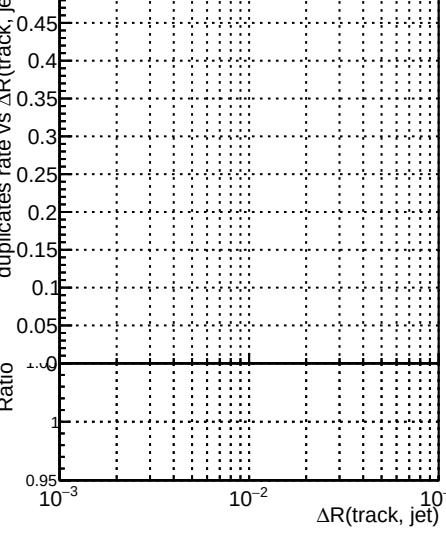
Legend for Fake rate vs ΔR , Duplicates Rate vs ΔR , and Pileup rate vs ΔR :

Line Style	Color	Label
Solid	Blue	QCD
Solid	Red	W
Solid	Green	Z
Solid	Black	Top
Solid	Magenta	Other
Dashed	Blue	QCD
Dashed	Red	W
Dashed	Green	Z
Dashed	Black	Top
Dashed	Magenta	Other
Dotted	Blue	QCD
Dotted	Red	W
Dotted	Green	Z
Dotted	Black	Top
Dotted	Magenta	Other

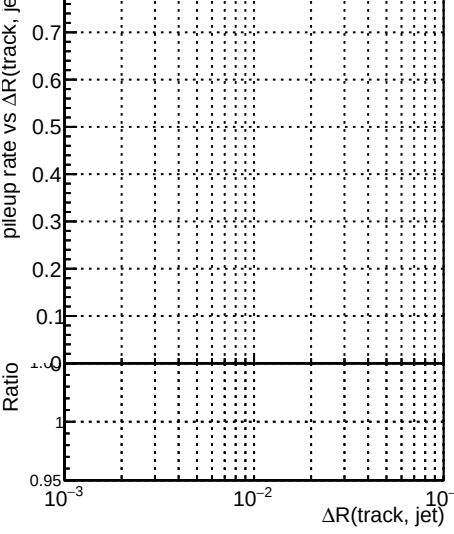
Fake rate vs



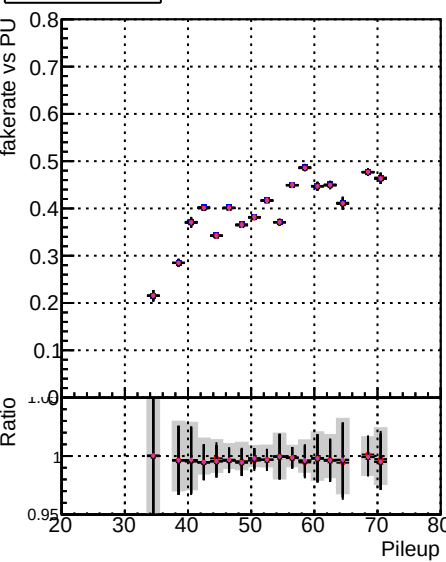
Duplicates Rate vs



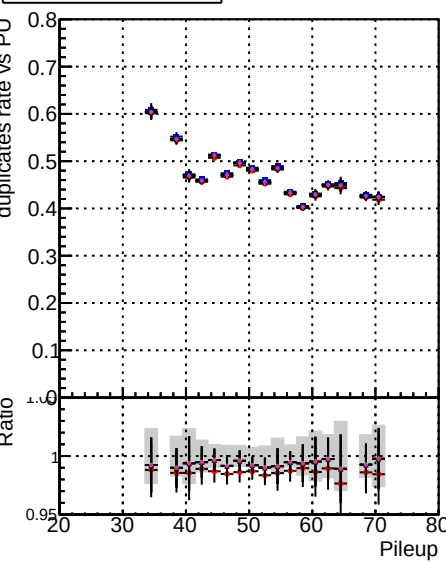
Pileup rate vs



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

