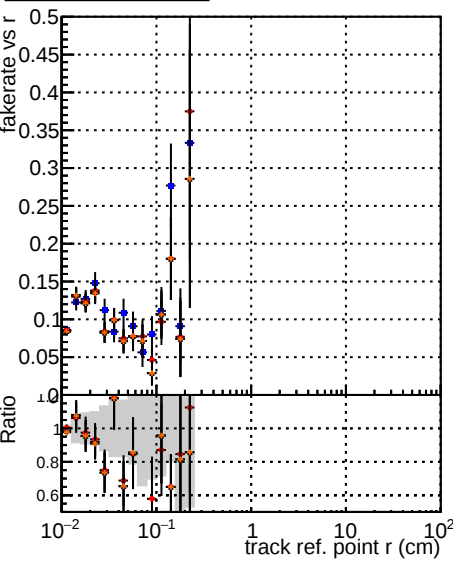


Fake rate vs vertpos



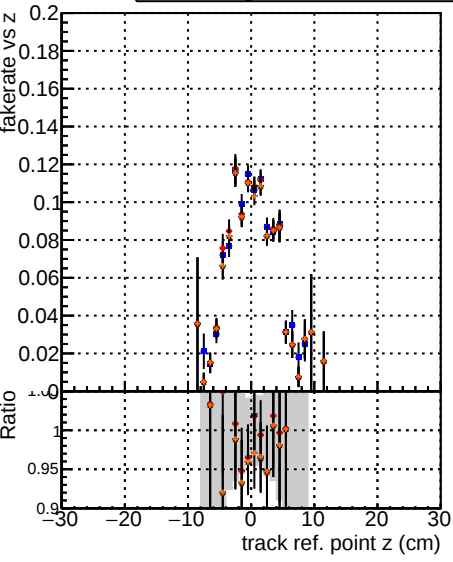
Duplicates Rate vs vertpos



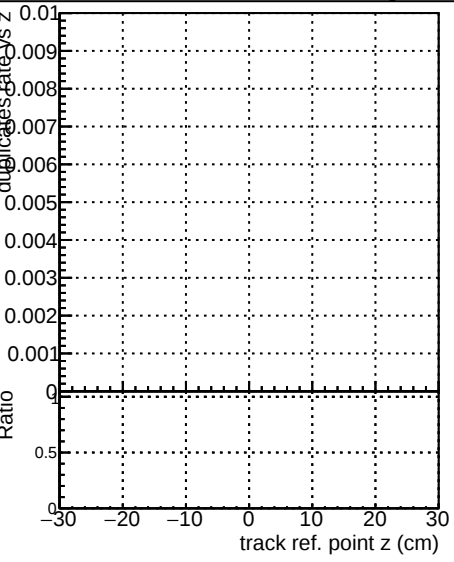
Pileup rate vs vertpos



Fake rate vs v



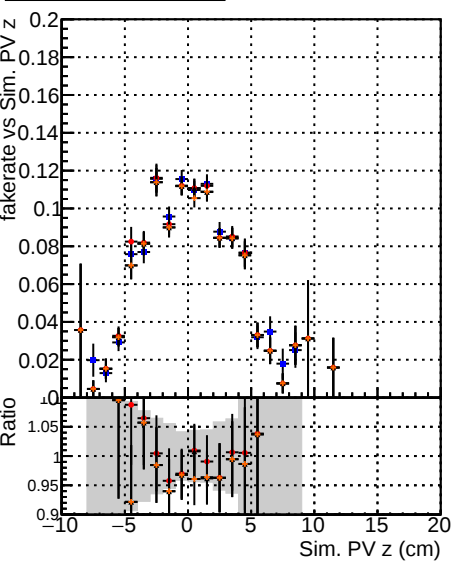
Duplicates Rate vs v



Pileup rate vs v



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z



Legend for all plots:

Detector Region	Simulation	Reco
Global	CMSSW	CLPU50
Global	CMSSW	mkfPU50
Global	CMSSW	mkfPU50LowPQuad
Global	CMSSW	mkfPU50LowPQuad-noBkwd
Global	CMSSW	RECO