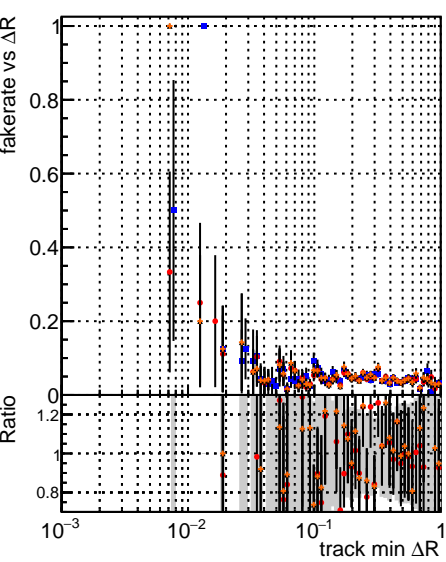


Fake rate vs dr



Duplicates Rate vs dr

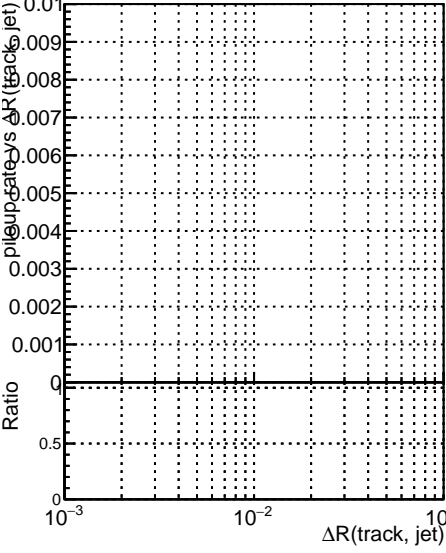
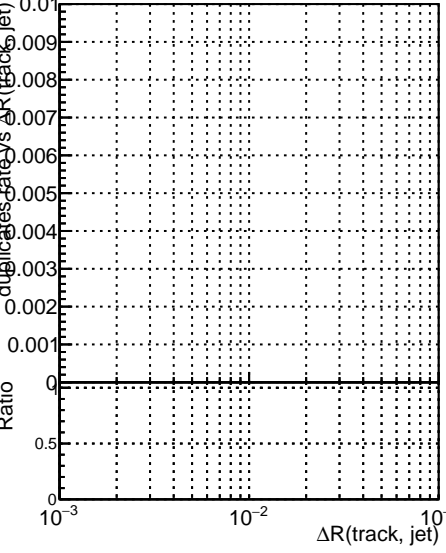
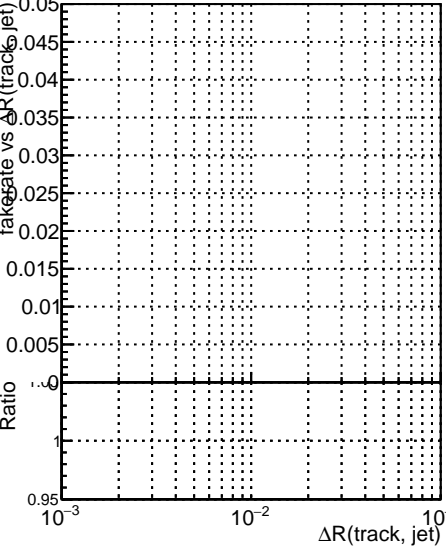


Pileup rate vs dr

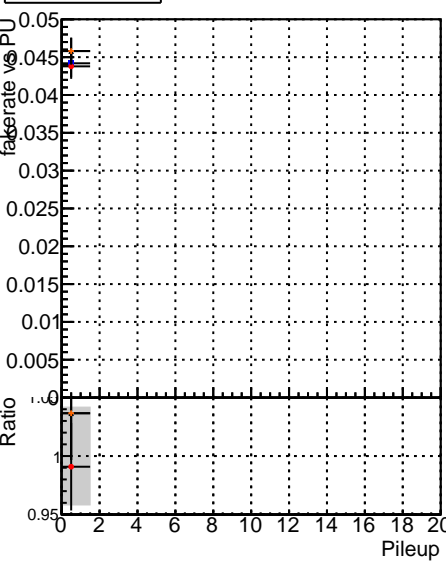


Fake rate vs $\Delta R(\text{track, jet})$

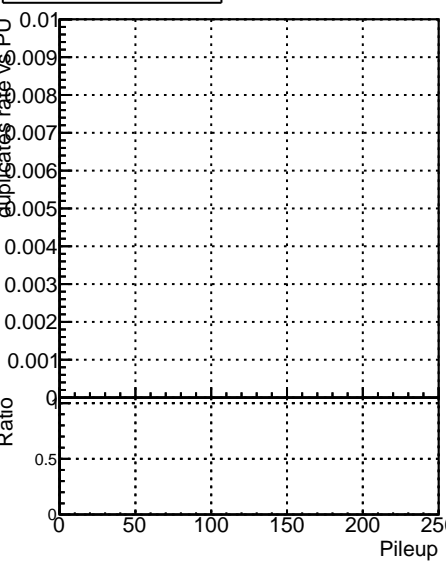
—●—	DQM	—●—	CKE	—●—	softQCD	—●—	QCD
—●—	DQM	—●—	CKE	—●—	softQCD	—●—	QCD
—●—	DQM	—●—	CKE	—●—	softQCD	—●—	QCD
—●—	DQM	—●—	CKE	—●—	softQCD	—●—	QCD
—●—	DQM	—●—	CKE	—●—	softQCD	—●—	QCD
—●—	DQM	—●—	CKE	—●—	softQCD	—●—	QCD
—●—	DQM	—●—	CKE	—●—	softQCD	—●—	QCD
—●—	DQM	—●—	CKE	—●—	softQCD	—●—	QCD
—●—	DQM	—●—	CKE	—●—	softQCD	—●—	QCD
—●—	DQM	—●—	CKE	—●—	softQCD	—●—	QCD



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

