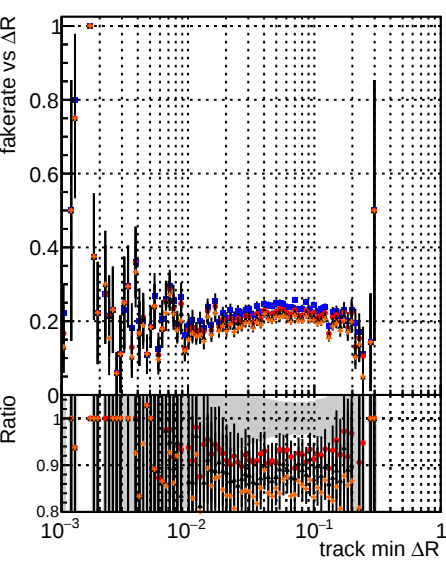
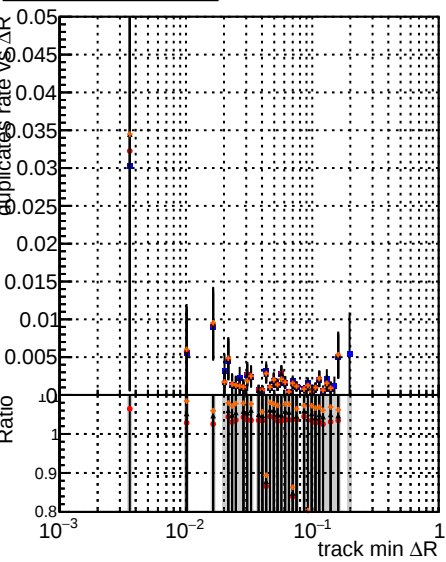


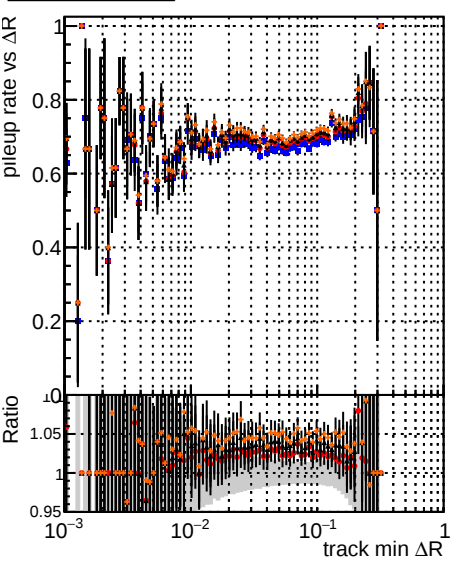
Fake rate vs dr



Duplicates Rate vs dr



Pileup rate vs dr



Legend for the top row of plots:

Global	CMSSW	X	Y	Z	11	13	17	25	35	50	75	110	136	170	220	281	361	455	562	683	820	980	1190	1470	1830	2280	2910	3640	4500	5600	6960	8600	10600	13100	16100	19700	24100	29500	36100	44200	54100	66100	80000	96000	116000	141000	171000	208000	254000	311000	381000	466000	571000	700000	856000	1050000	1290000	1580000	1940000	2390000	2950000	3640000	4500000	5600000	6960000	8600000	10600000	13100000	16100000	19700000	24100000	29100000	36400000	45000000	56000000	69600000	86000000	106000000	131000000	161000000	197000000	241000000	291000000	364000000	450000000	560000000	696000000	860000000	1060000000	1310000000	1610000000	1970000000	2410000000	2910000000	3640000000	4500000000	5600000000	6960000000	8600000000	10600000000	13100000000	16100000000	19700000000	24100000000	29100000000	36400000000	45000000000	56000000000	69600000000	86000000000	106000000000	131000000000	161000000000	197000000000	241000000000	291000000000	364000000000	450000000000	560000000000	696000000000	860000000000	1060000000000	1310000000000	1610000000000	1970000000000	2410000000000	2910000000000	3640000000000	4500000000000	5600000000000	6960000000000	8600000000000	10600000000000	13100000000000	16100000000000	19700000000000	24100000000000	29100000000000	36400000000000	45000000000000	56000000000000	69600000000000	86000000000000	106000000000000	131000000000000	161000000000000	197000000000000	241000000000000	291000000000000	364000000000000	450000000000000	560000000000000	696000000000000	860000000000000	1060000000000000	1310000000000000	1610000000000000	1970000000000000	2410000000000000	2910000000000000	3640000000000000	4500000000000000	5600000000000000	6960000000000000	8600000000000000	10600000000000000	13100000000000000	16100000000000000	19700000000000000	24100000000000000	29100000000000000	36400000000000000	45000000000000000	56000000000000000	69600000000000000	86000000000000000	106000000000000000	131000000000000000	161000000000000000	197000000000000000	241000000000000000	291000000000000000	364000000000000000	450000000000000000	560000000000000000	696000000000000000	860000000000000000	1060000000000000000	1310000000000000000	1610000000000000000	1970000000000000000	2410000000000000000	2910000000000000000	3640000000000000000	4500000000000000000	5600000000000000000	6960000000000000000	8600000000000000000	10600000000000000000	13100000000000000000	16100000000000000000	19700000000000000000	24100000000000000000	29100000000000000000	36400000000000000000	45000000000000000000	56000000000000000000	69600000000000000000	86000000000000000000	106000000000000000000	131000000000000000000	161000000000000000000	197000000000000000000	241000000000000000000	291000000000000000000	364000000000000000000	450000000000000000000	560000000000000000000	696000000000000000000	860000000000000000000	1060000000000000000000	1310000000000000000000	1610000000000000000000	1970000000000000000000	2410000000000000000000	2910000000000000000000	3640000000000000000000	4500000000000000000000	5600000000000000000000	6960000000000000000000	8600000000000000000000	10600000000000000000000	13100000000000000000000	16100000000000000000000	19700000000000000000000	24100000000000000000000	29100000000000000000000	36400000000000000000000	45000000000000000000000	56000000000000000000000	69600000000000000000000	86000000000000000000000	106000000000000000000000	131000000000000000000000	161000000000000000000000	197000000000000000000000	241000000000000000000000	291000000000000000000000	364000000000000000000000	450000000000000000000000	560000000000000000000000	696000000000000000000000	860000000000000000000000	1060000000000000000000000	1310000000000000000000000	1610000000000000000000000	1970000000000000000000000	2410000000000000000000000	2910000000000000000000000	3640000000000000000000000	4500000000000000000000000	5600000000000000000000000	6960000000000000000000000	8600000000000000000000000	10600000000000000000000000	13100000000000000000000000	16100000000000000000000000	19700000000000000000000000	24100000000000000000000000	29100000000000000000000000	36400000000000000000000000	45000000000000000000000000	56000000000000000000000000	69600000000000000000000000	86000000000000000000000000	106000000000000000000000000	131000000000000000000000000	161000000000000000000000000	197000000000000000000000000	241000000000000000000000000	291000000000000000000000000	364000000000000000000000000	450000000000000000000000000	560000000000000000000000000	696000000000000000000000000	860000000000000000000000000	1060000000000000000000000000	1310000000000000000000000000	1610000000000000000000000000	1970000000000000000000000000	2410000000000000000000000000	2910000000000000000000000000	3640000000000000000000000000	4500000000000000000000000000	5600000000000000000000000000	6960000000000000000000000000	8600000000000000000000000000	10600000000000000000000000000	13100000000000000000000000000	16100000000000000000000000000	19700000000000000000000000000	24100000000000000000000000000	29100000000000000000000000000	36400000000000000000000000000	45000000000000000000000000000	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