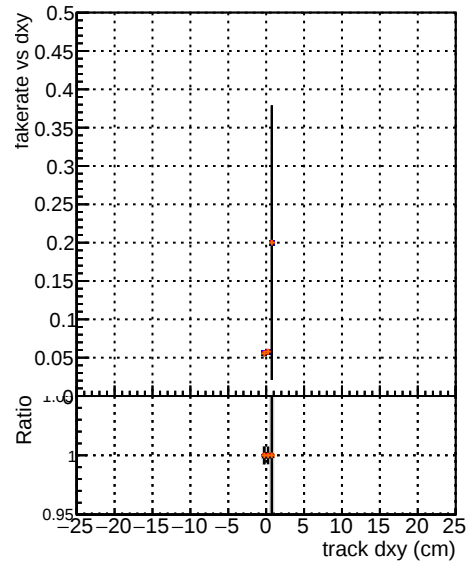
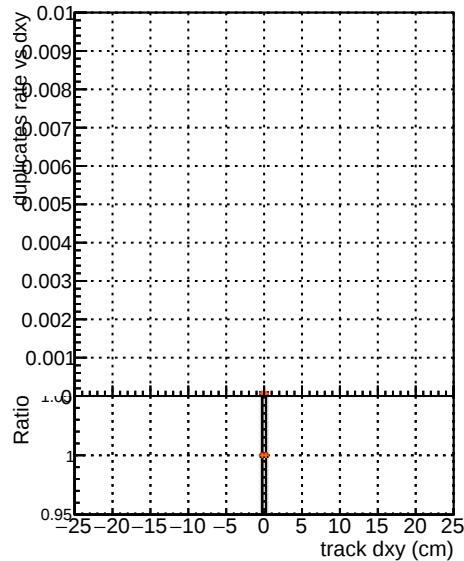


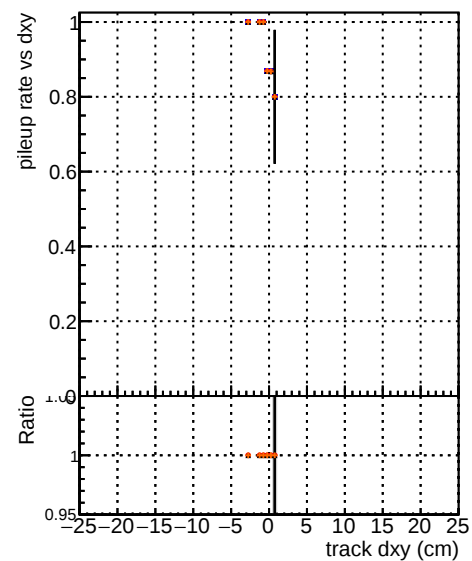
Fake rate vs dxy



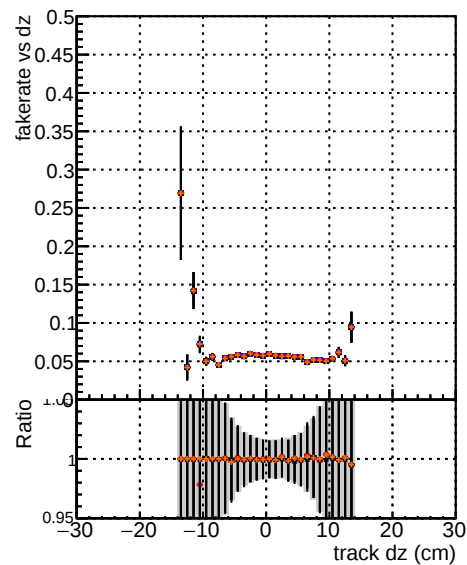
Duplicates Rate vs Dxy



Pileup rate vs dxy



Fake rate vs d

Only use these tags: ['math>, $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$, $\frac{1}{16}$, $\frac{1}{32}$, $\frac{1}{64}$, $\frac{1}{128}$, $\frac{1}{256}$, $\frac{1}{512}$, $\frac{1}{1024}$, $\frac{1}{2048}$, $\frac{1}{4096}$, $\frac{1}{8192}$, $\frac{1}{16384}$, $\frac{1}{32768}$, $\frac{1}{65536}$, $\frac{1}{131072}$, $\frac{1}{262144}$, $\frac{1}{524288}$, $\frac{1}{1048576}$, $\frac{1}{2097152}$, $\frac{1}{4194304}$, $\frac{1}{8388608}$, $\frac{1}{16777216}$, $\frac{1}{33554432}$, $\frac{1}{67108864}$, $\frac{1}{134217728}$, $\frac{1}{268435456}$, $\frac{1}{536870912}$, $\frac{1}{1073741824}$, $\frac{1}{2147483648}$, $\frac{1}{4294967296}$, $\frac{1}{8589934592}$, $\frac{1}{17179869184}$, $\frac{1}{34359738368}$, $\frac{1}{68719476736}$, $\frac{1}{137438953472}$, $\frac{1}{274877906944}$, $\frac{1}{549755813888}$, $\frac{1}{1099511627776}$, $\frac{1}{2199023255552}$, $\frac{1}{4398046511104}$, $\frac{1}{8796093022208}$, $\frac{1}{17592186044416}$, $\frac{1}{35184372088832}$, $\frac{1}{70368744177664}$, $\frac{1}{140737488355328}$, $\frac{1}{281474976710656}$, $\frac{1}{562949953421312}$, $\frac{1}{1125899906842624}$, $\frac{1}{2251799813685248}$, $\frac{1}{4503599627370496}$, $\frac{1}{9007199254740992}$, $\frac{1}{18014398509481984}$, $\frac{1}{36028797018963968}$, $\frac{1}{72057594037927936}$, $\frac{1}{144115188075855872}$, $\frac{1}{288230376151711744}$, $\frac{1}{576460752303423488}$, $\frac{1}{1152921504606846976}$, $\frac{1}{2305843009213693952}$, $\frac{1}{4611686018427387904}$, $\frac{1}{9223372036854775808}$, $\frac{1}{18446744073709551616}$, $\frac{1}{36893488147419103232}$, $\frac{1}{73786976294838206464}$, $\frac{1}{147573952589676412928}$, $\frac{1}{295147905179352825856}$, $\frac{1}{590295810358705651712}$, $\frac{1}{1180591620717411303424}$, $\frac{1}{2361183241434822606848}$, $\frac{1}{4722366482869645213696}$, $\frac{1}{9444732965739290427392}$, $\frac{1}{18889465931478580854784}$, $\frac{1}{37778931862957161709568}$, $\frac{1}{75557863725914323419136}$, $\frac{1}{151115727451828646838272}$, $\frac{1}{302231454903657293676544}$, $\frac{1}{604462909807314587353088}$, $\frac{1}{1208925819614629174706176}$, $\frac{1}{2417851639229258349412352}$, $\frac{1}{4835703278458516698824704}$, $\frac{1}{9671406556917033397649408}$, $\frac{1}{19342813113834066795298816}$, $\frac{1}{38685626227668133590597632}$, $\frac{1}{77371252455336267181195264}$, $\frac{1}{154742504910672534362390528}$, $\frac{1}{309485009821345068724781056}$, $\frac{1}{618970019642690137449562112}$, $\frac{1}{1237940039285380274899124224}$, $\frac{1}{2475880078570760549798248448}$, $\frac{1}{4951760157141521099596496896}$, $\frac{1}{9903520314283042199192993792}$, $\frac{1}{19807040628566084398385987584}$, $\frac{1}{39614081257132168796771975168}$, $\frac{1}{79228162514264337593543950336}$, $\frac{1}{158456325028528675187087900672}$, $\frac{1}{316912650057057350374175801344}$, $\frac{1}{633825300114114700748351602688}$, $\frac{1}{1267650600228229401496703205376}$, $\frac{1}{2535301200456458802993406410752}$, $\frac{1}{5070602400912917605986812821504}$, $\frac{1}{10141204801825835211973625643008}$, $\frac{1}{20282409603651670423947251286016}$, $\frac{1}{40564819207303340847894502572032}$, $\frac{1}{81129638414606681695789005144064}$, $\frac{1}{162259276829213363391578010288128}$, $\frac{1}{324518553658426726783156020576256}$, $\frac{1}{649037107316853453566312041152512}$, $\frac{1}{1298074214633706907132624082305024}$, $\frac{1}{2596148429267413814265248164610048}$, $\frac{1}{5192296858534827628530496329220096}$, $\frac{1}{10384593717069655257060992658440192}$, $\frac{1}{20769187434139310514121985316880384}$, $\frac{1}{41538374868278621028243970633760768}$, $\frac{1}{83076749736557242056487941267521536}$, $\frac{1}{166153499473114484112975882535043072}$, $\frac{1}{332306998946228968225951765070086144}$, $\frac{1}{664613997892457936451903530140172288}$, $\frac{1}{1329227995784915872903807060280344576}$, $\frac{1}{2658455991569831745807614120560689152}$, $\frac{1}{5316911983139663491615228241121378304}$, $\frac{1}{10633823966279326983230456482242756608}$, $\frac{1}{21267647932558653966460912964485513216}$, $\frac{1}{42535295865117307932921825928971026432}$, $\frac{1}{85070591730234615865843651857942052864}$, $\frac{1}{170141183460469231731687303715884105728}$, $\frac{1}{340282366920938463463374607431768211456}$, $\frac{1}{680564733841876926926749214863536422912}$, $\frac{1}{1361129467683753853853498429727072845824}$, $\frac{1}{2722258935367507707706996859454145691648}$, $\frac{1}{5444517870735015415413993718908291383296}$, $\frac{1}{10889035741470030830827987437816582766592}$, $\frac{1}{2$ 