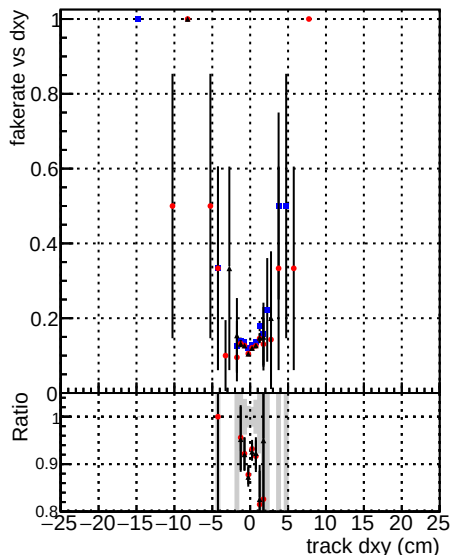
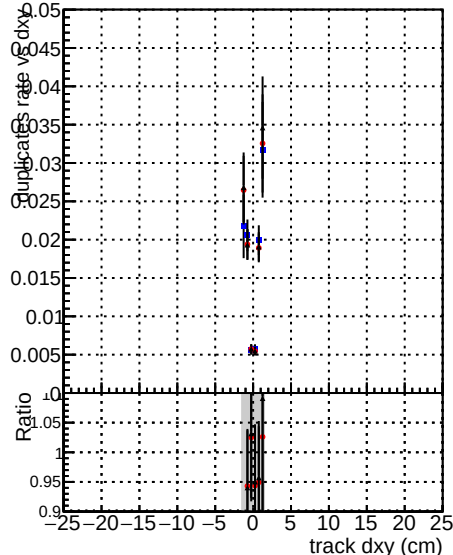


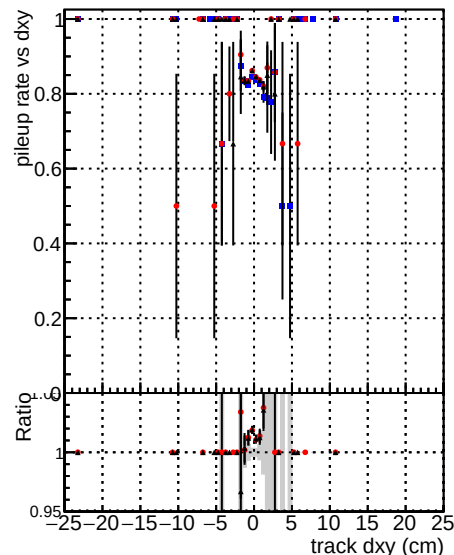
Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy



Fake rate vs d

d	DOM mkFit5 XIMinusPUold	DOM mkFit XIMinusPU retrain2	DOM mkFit XIMinusPU NEWdefault specPLess3-2
0	0.15	0.20	0.25
1	0.12	0.18	0.22
2	0.10	0.16	0.20
3	0.08	0.14	0.18
4	0.07	0.12	0.16
5	0.06	0.10	0.14
6	0.05	0.09	0.13
7	0.04	0.08	0.12
8	0.03	0.07	0.11
9	0.02	0.06	0.10
10	0.01	0.05	0.09

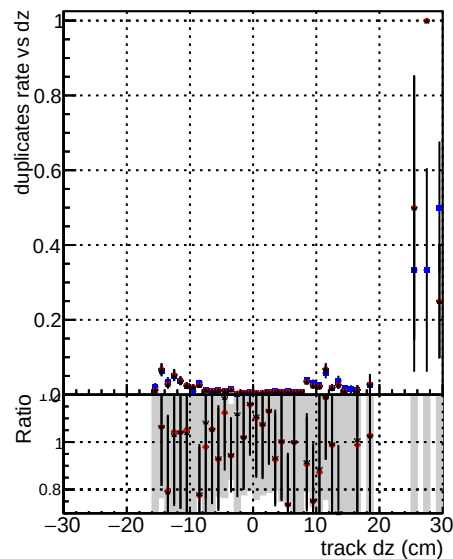
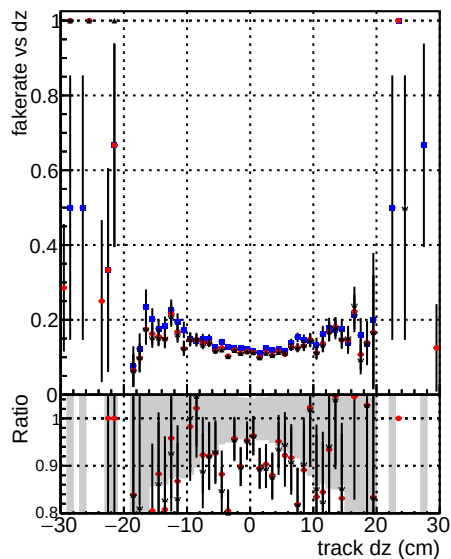


Figure 1 consists of two panels. The top panel is a plot of 'pileup rate vs dz' (y-axis, ranging from 0.2 to 1.0) versus 'track dz (cm)' (x-axis, ranging from -30 to 30). It shows three data series: blue circles (0.5), red circles (0.75), and black circles (1.0). Each series has vertical error bars. The bottom panel is a plot of 'Ratio' (y-axis, ranging from 0.95 to 1.0) versus 'track dz (cm)' (x-axis, ranging from -30 to 30). It shows the ratio of the pileup rate to the pileup rate at 0.5, with a shaded region indicating the uncertainty. The ratio is generally close to 1.0, with some fluctuations and a slight dip around dz = 0.