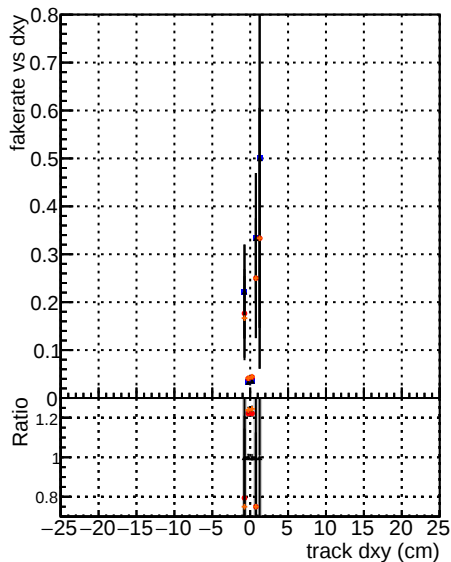
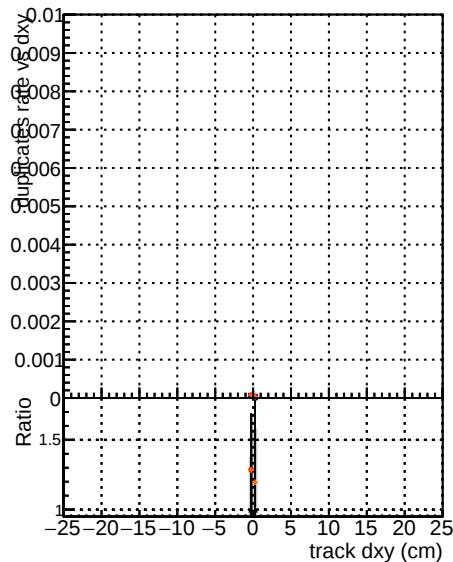


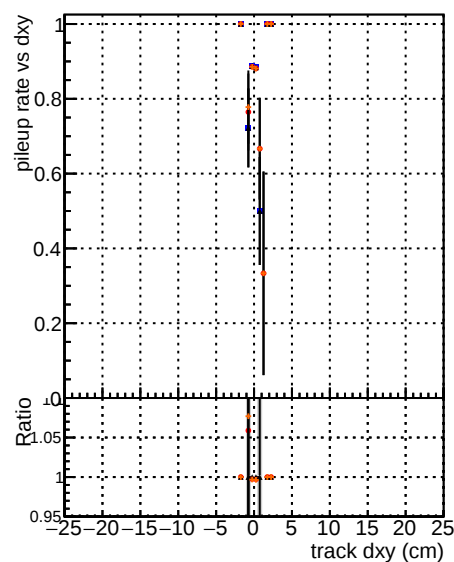
Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy



Fake rate vs d

d	DGM	mkFit	TTbase	retrainOldFiles125_v2	prelimWP_epoch4	baseline	retrainOldFiles125_v2	prelimWP_epoch2	wSOCD
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0

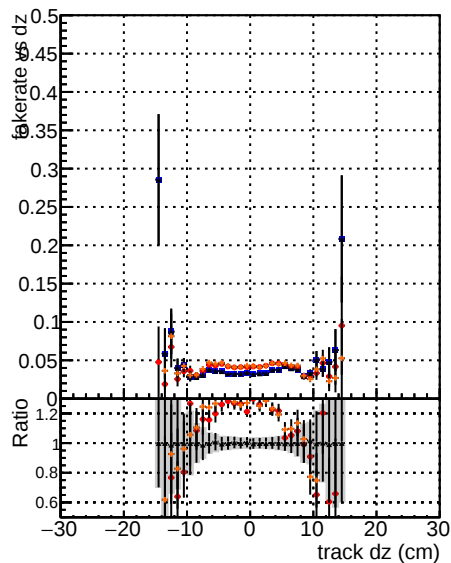


Figure 1 consists of two panels. The top panel is a scatter plot with error bars showing the pileup rate versus dz (cm). The y-axis is labeled 'pileup rate vs dz' and ranges from 0.6 to 1.0. The x-axis is labeled 'track dz (cm)' and ranges from -30 to 30. Data points are shown for three different track types: red circles, blue squares, and orange triangles. The pileup rate is generally high (around 0.8 to 1.0) for dz values between -15 and 15 cm, and drops to around 0.4 for dz values around 15 cm. The bottom panel is a scatter plot with error bars showing the ratio versus track dz (cm). The y-axis is labeled 'Ratio' and ranges from 0.95 to 1.0. The x-axis is labeled 'track dz (cm)' and ranges from -30 to 30. Data points are shown for three different track types: red circles, blue squares, and orange triangles. The ratio is generally close to 1.0 for dz values between -15 and 15 cm, and drops to around 0.95 for dz values around 15 cm.