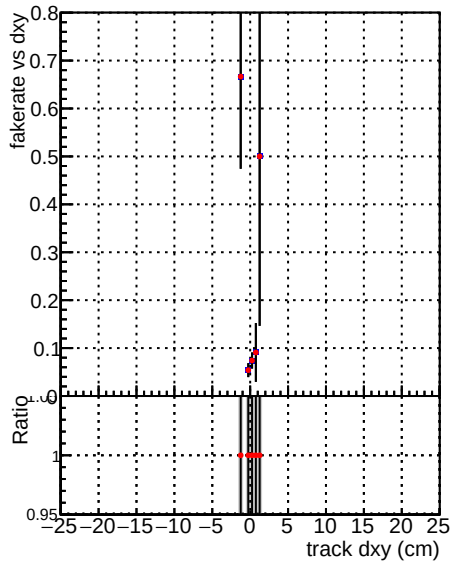
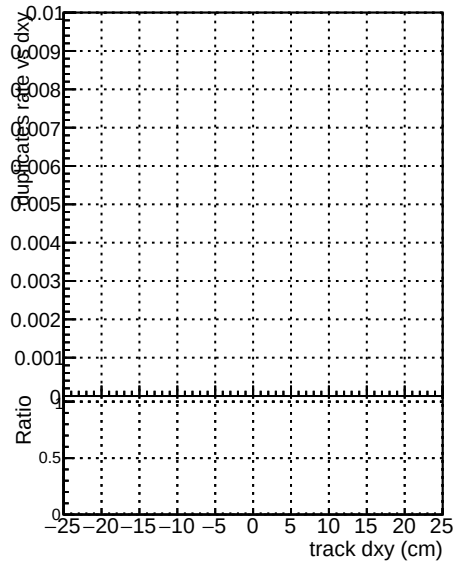


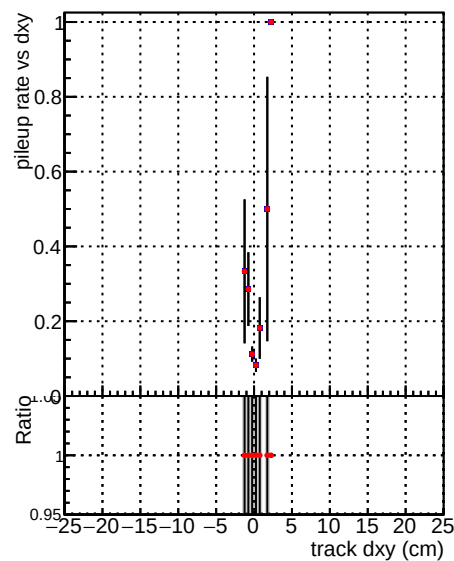
Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy



Fake rate vs d		DQM_V0001	R0000000001	Global	mkFitOLD	RECO
		DQM_V0001	R0000000001	Global	mkFitNEW	RECO

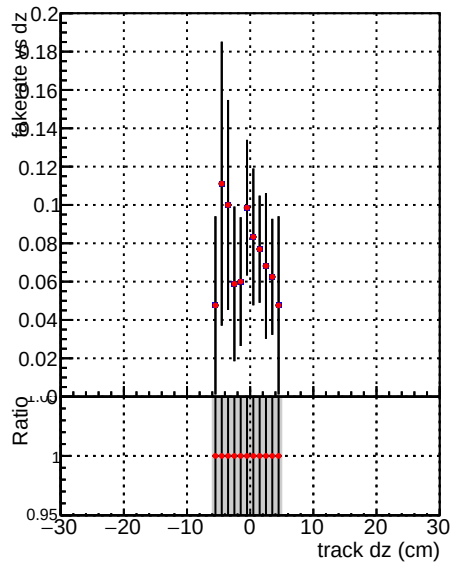


Figure 1 is a plot showing the ratio of the duplicate rate to the single rate versus track dz (cm). The x-axis ranges from -30 to 30 cm, and the y-axis ranges from 0 to 0.01. The data points show a constant ratio of approximately 0.001 across the entire range of track dz .

Figure 1 consists of two vertically stacked plots sharing a common x-axis labeled 'track dz (cm)' ranging from -30 to 30. The top plot shows the 'pileup rate (ps/dz)' on a logarithmic y-axis from 0.02 to 0.2. It displays data points with vertical error bars, showing a peak around 0 cm. The bottom plot shows the 'Ratio' on a linear y-axis from 0.95 to 1.0. It features a series of vertical grey bars and a horizontal red line at Ratio = 1.0, indicating that the pileup rate is normalized to 1.0 within the range of approximately -5 to 5 cm.