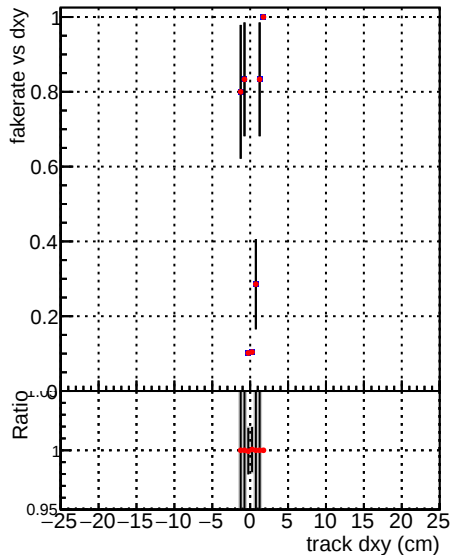
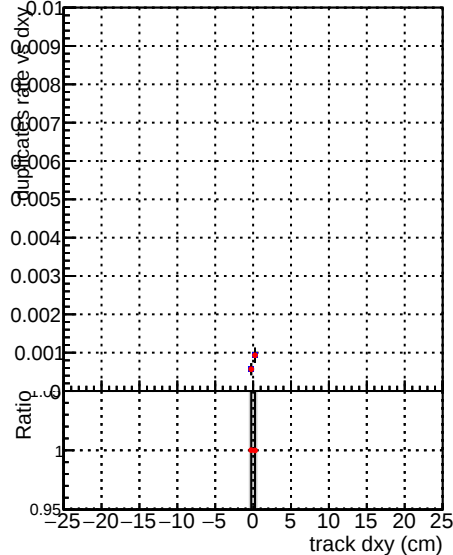


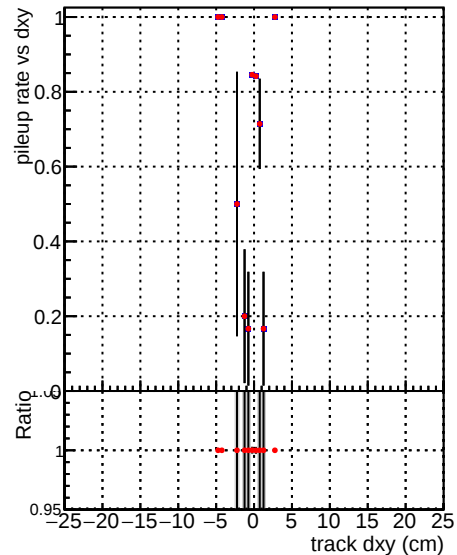
Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy



Fake rate vs d

DQM V0001_R0000000001_Global_mkFit100o_RECO

DQM V0001_R0000000001_Global_mkFit100dt_RECO

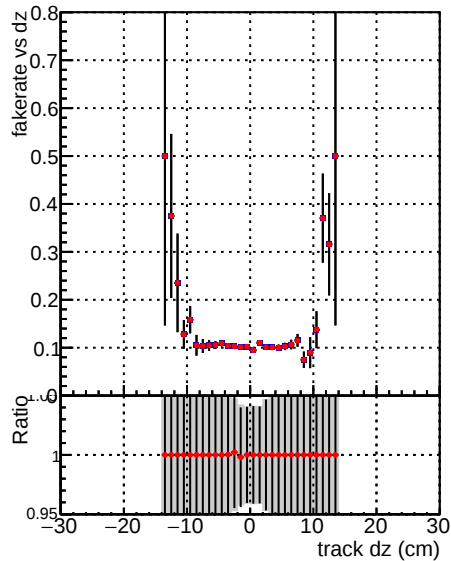


Figure 1 is a plot showing the ratio of the number of duplicated tracks to the total number of tracks as a function of track dz . The x-axis is labeled "track dz (cm)" and ranges from -30 to 30. The y-axis is labeled "Ratio" and ranges from 0.95 to 0.8. The plot shows a sharp increase in the ratio for track dz values between -10 and 10 cm, peaking around 0.5. The data points are represented by red dots with vertical error bars. A horizontal line is drawn at Ratio = 1.0.