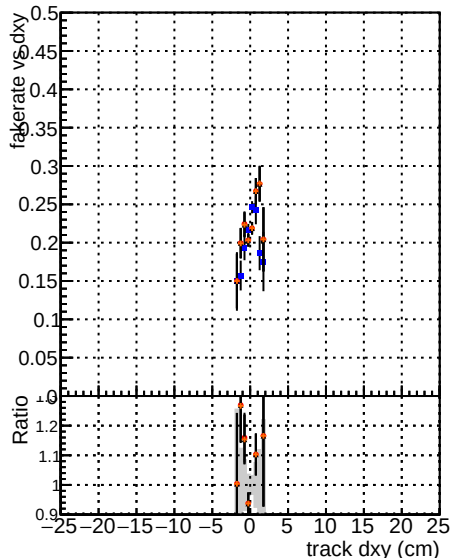
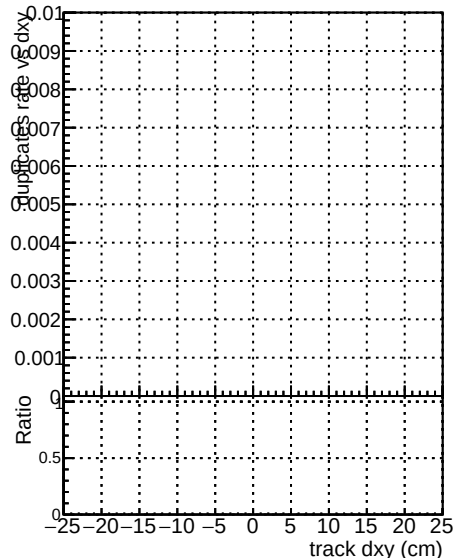


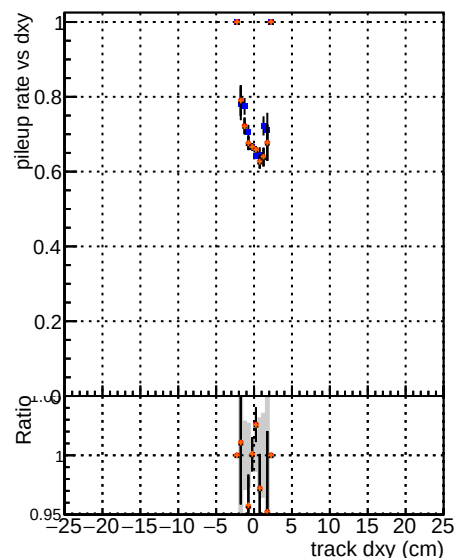
Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy



Fake rate vs d

DGM V0001 B00000000001 Global cmsaw RECO
 DGM V0001 B00000000001 Global Original RECO
 DGM V0001 B00000000001 Global New RECO
 DGM V0001 B00000000001 Global New05 RECO

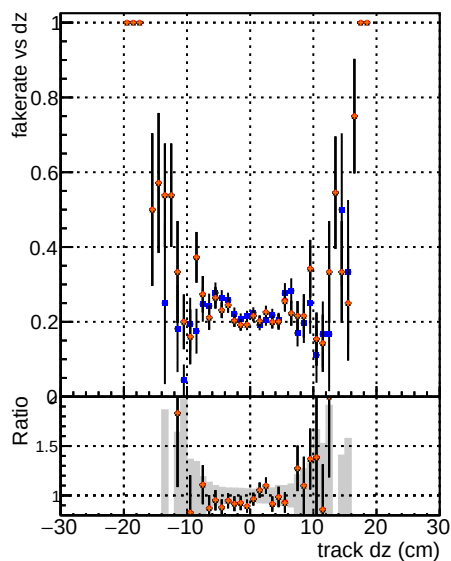


Figure 1 displays a comparison of four methods (cmssw, RECO, mkFitOriginal, and mkFitNew) across four decay channels: B to D pi, B to D pi pi, B to D pi pi pi, and B to D pi pi pi pi. The figure is organized into a 4x4 grid of plots. The columns represent the methods, and the rows represent the decay channels. Each plot shows the distribution of the variable 'm' (x-axis, ranging from 0 to 10) versus the count (y-axis, ranging from 0 to 100). The plots illustrate the performance of each method in fitting the data for each channel. The 'New' method (mkFitNew) generally shows a better fit to the data compared to the other methods, particularly for the B to D pi pi pi pi channel.

