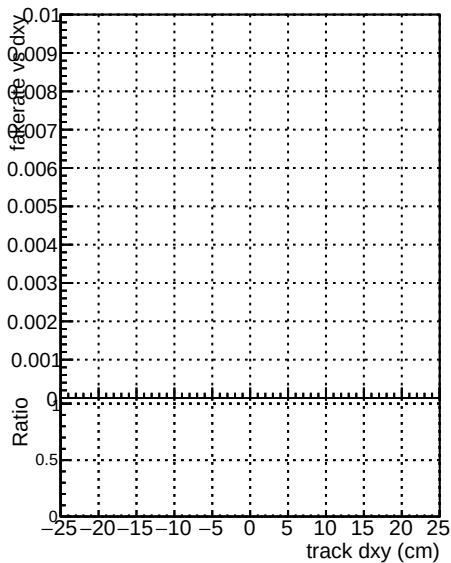
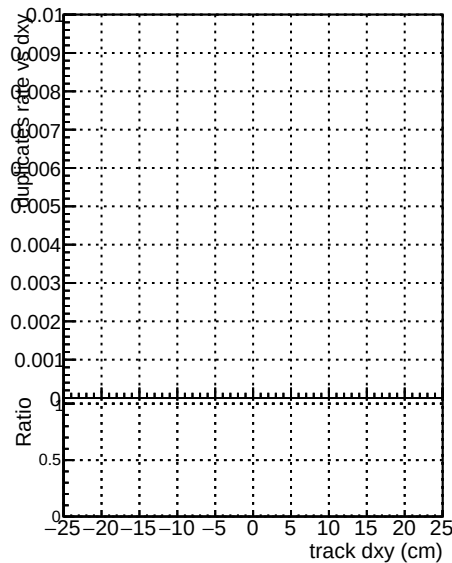


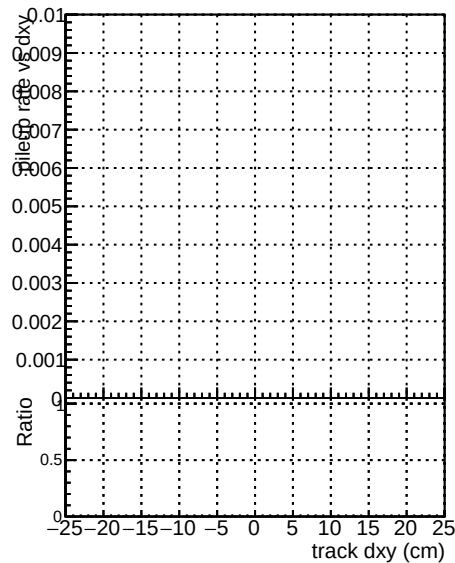
Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy



Fake rate vs d

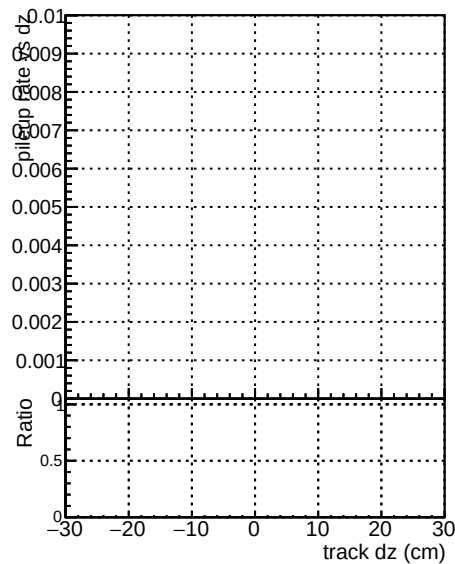
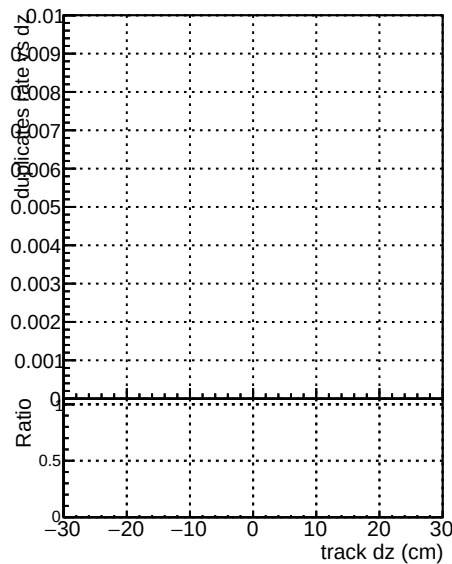
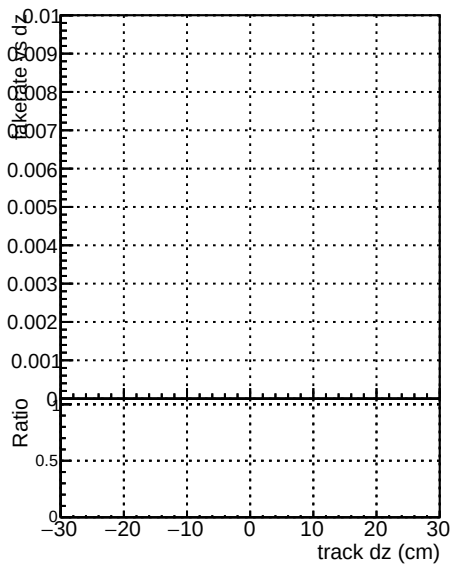


Figure 1: Comparison of the proposed model with the baseline model. The figure shows four horizontal bars representing different models: DOM, mkFit, TToriginal, and TTNEW. The bars are color-coded: blue for DOM, red for mkFit, black for TToriginal, and orange for TTNEW. The bars are arranged in a 4x4 grid, with the first column showing the model names and the subsequent columns showing the results for different parameters: DOM, mkFit, TToriginal, and TTNEW. The results are represented by the length of the bars, with TTNEW consistently showing the longest bars across all parameters.