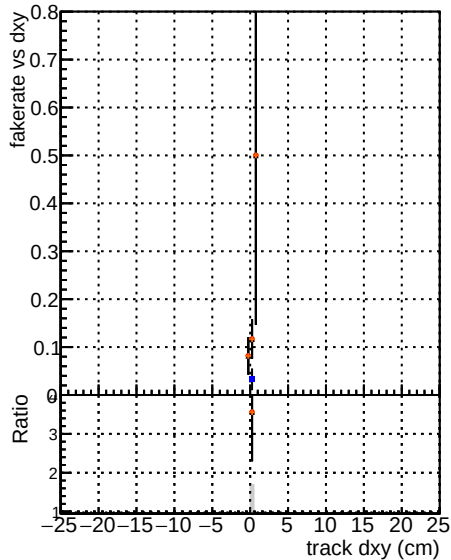
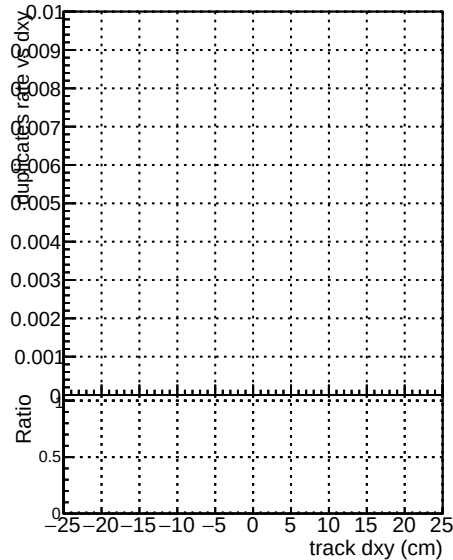


Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy

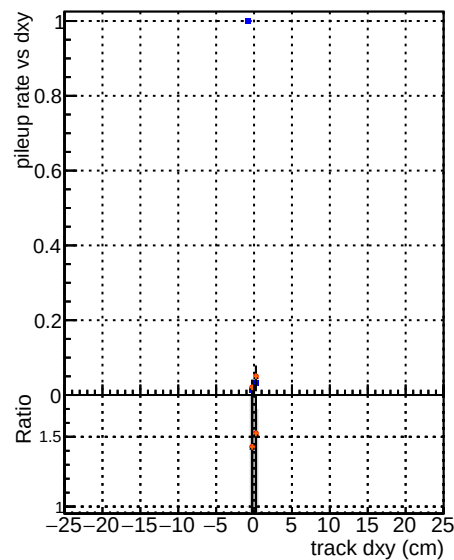
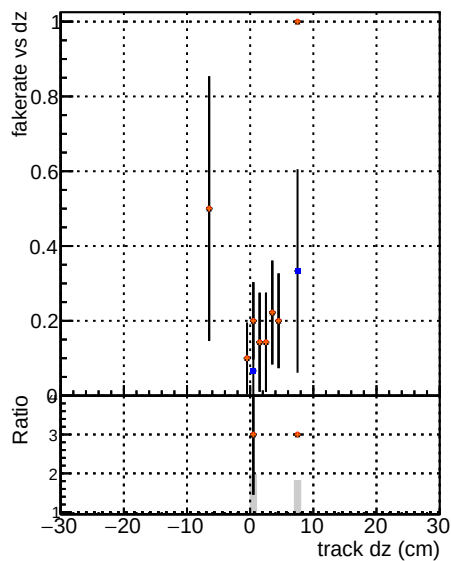


Figure 10: Fake rate vs d . The plot shows the fake rate for different models as a function of d . The x-axis represents d from 0 to 10, and the y-axis represents the fake rate from 0 to 1. The legend includes DDM, CKE, TThar, DDM mkFit, TTharPU-updated, DDM mkFit TTharPU-updated-new, and PLDNN-2. DDM mkFit TTharPU-updated-new shows the highest fake rate, reaching 1.0 at $d=10$. DDM mkFit and TTharPU-updated show intermediate rates, while DDM, CKE, TThar, and PLDNN-2 show the lowest rates, remaining near 0.0.



ewPLBNN-2

