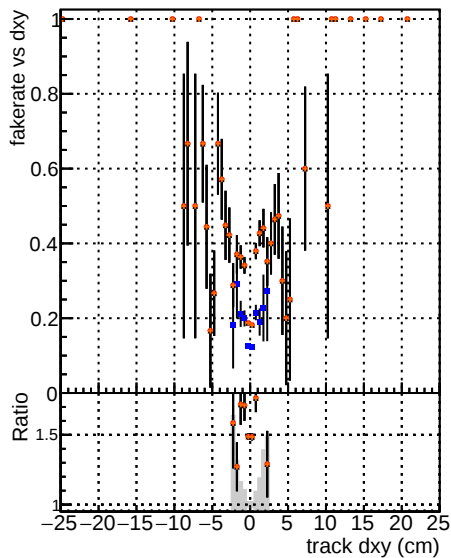


Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy

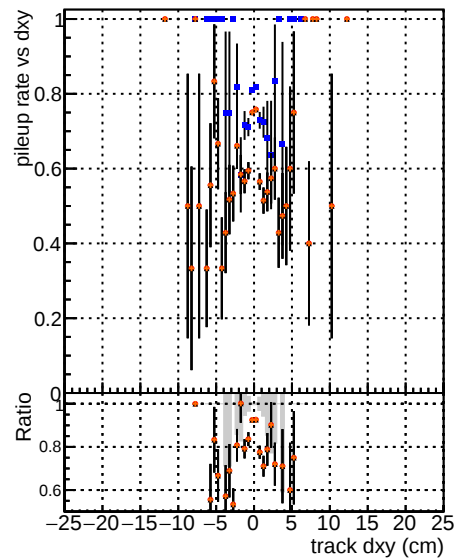
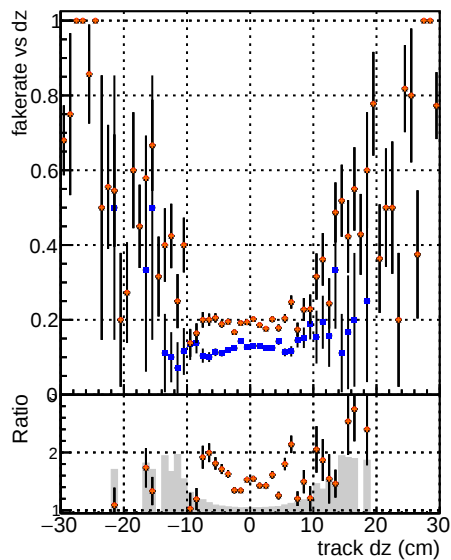


Figure 10: Fake rate vs d. The plot shows the fake rate for different models as a function of d. The models are DGM, CKE, TThar, DGM-mkFit, TThar-PU-updated, DGM-mkFit-TThar-PU-updated-new, and PLDNN-2. The x-axis represents d (0 to 10) and the y-axis represents the Fake rate (0.0 to 1.0). DGM-mkFit-TThar-PU-updated-new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



0.01



Age Group	Person
18-24	0.8
25-34	0.7
35-44	0.6
45-54	0.5
55-64	0.4
65-74	0.3
75-84	0.2
85+	0.1

