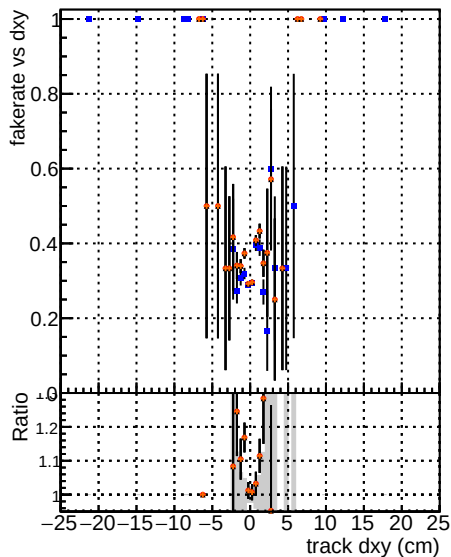
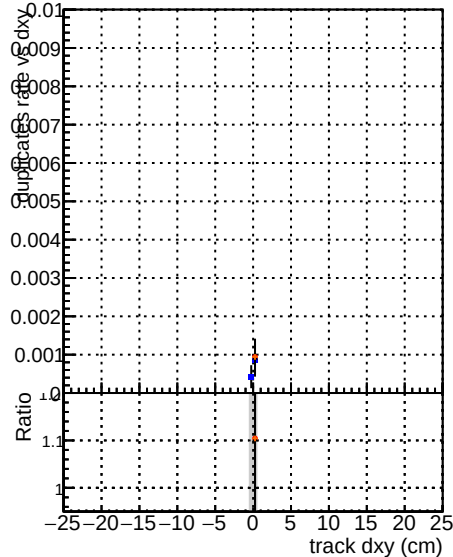


Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy

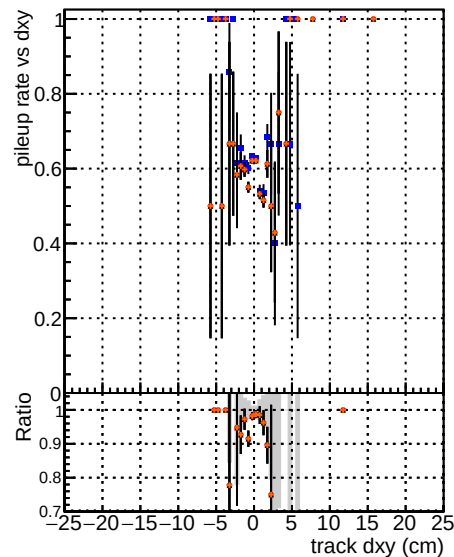
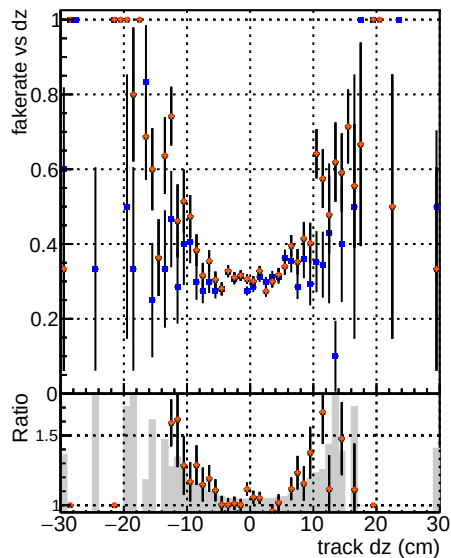


Figure 10: Fake rate vs d . The plot shows the fake rate (y-axis, 0 to 1) versus the parameter d (x-axis, 0 to 100). The legend indicates four data series: DOM (blue line with circles), GKE (red line with squares), TThar (green line with triangles), and PU-updated (black line with crosses). The DOM model shows the highest fake rate, followed by GKE, TThar, and PU-updated. The fake rate for all models increases as d increases, with DOM reaching a fake rate of 1.0 at $d=100$.

Fake rate vs d	≡
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