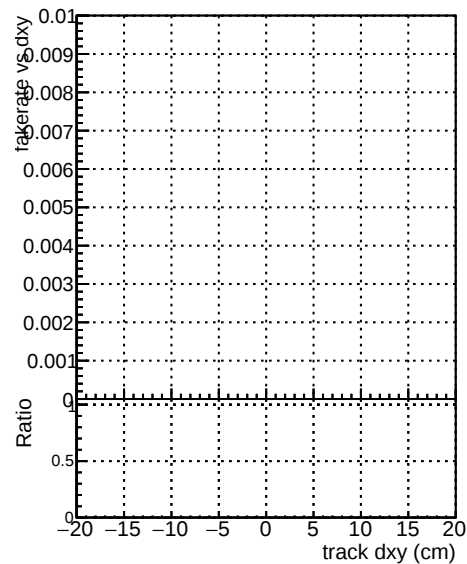
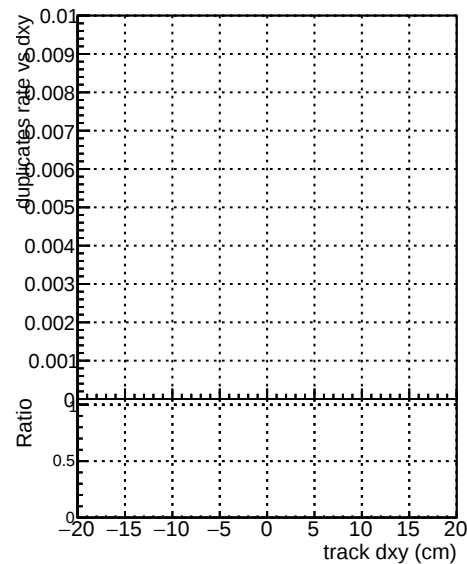


Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy

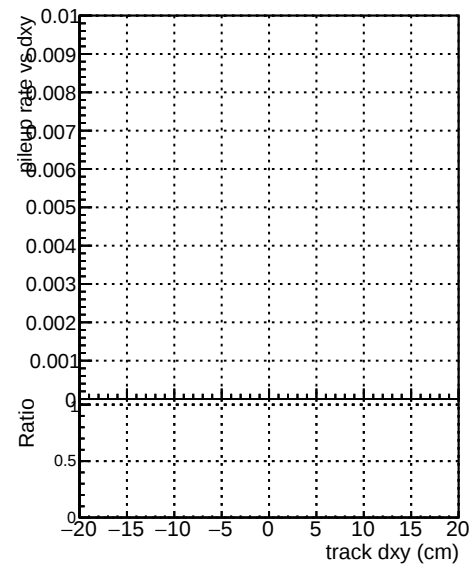


Figure 10: Fake rate vs d . The plot shows the fake rate for different models and steps. The x-axis is d (0 to 10) and the y-axis is Fake rate (0 to 1). The legend indicates: DOM original (blue), DOM step2 (red), DOM pixelCPE (green), DOM template (purple), step2 (orange), and eta1p0to1p4 (yellow). The plot shows that the fake rate is generally low, with some increase at higher d values for certain models.