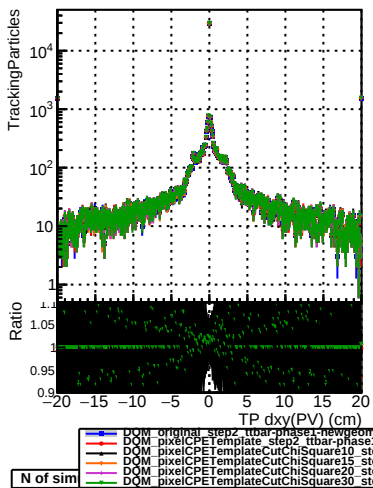


N of simulated tracks vs dxy(PV)



N of associated tracks (simToReco) vs dxy(PV)

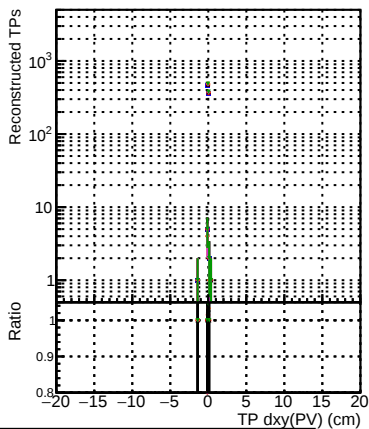
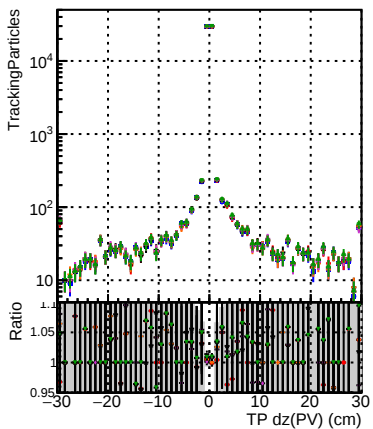
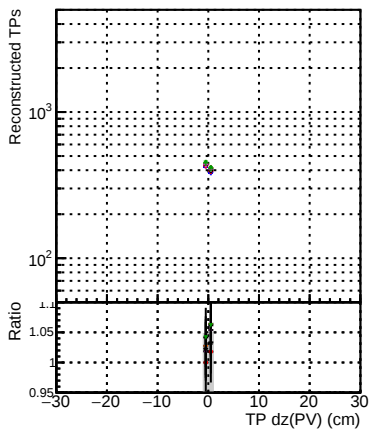


Figure 1 consists of two vertically stacked panels sharing a common x-axis labeled "TP dxy(PV) (cm)" ranging from -0.8 to 0.8. The top panel is a 2D histogram showing the distribution of "Reconstructed TPs" on a logarithmic y-axis from 10⁰ to 10³. It features a dense cluster of points at dxy = 0 and low TPs, with a vertical tail extending to higher TPs around dxy = 0. The bottom panel shows the "Ratio" of reconstructed TPs to true TPs on a linear y-axis from 0.95 to 1.55. It displays a distribution of ratios, mostly between 1.0 and 1.5, with a peak around 1.2 at dxy = 0. A horizontal line is drawn at Ratio = 1.0.

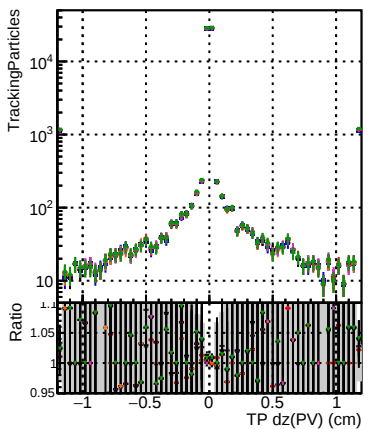
N of simulated tracks vs dz(PV)



N of associated tracks (simToReco) vs dz(PV)



N of simulated tracks vs dz(PV)



N of associated tracks (simToReco) vs dz(PV)

