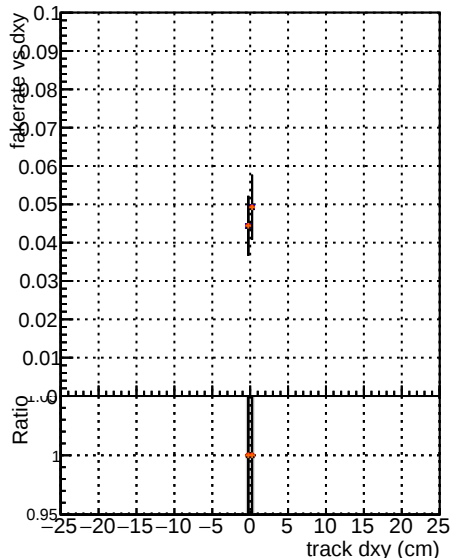
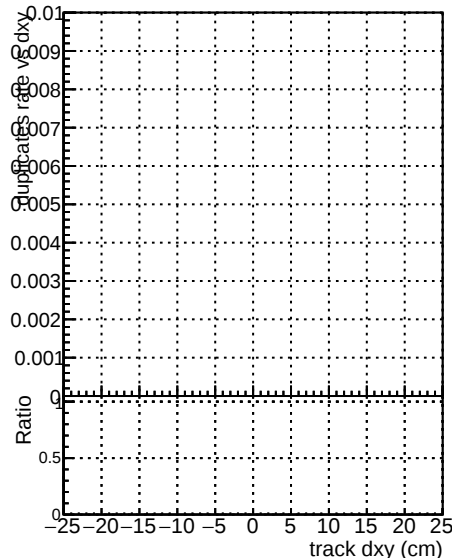


Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy

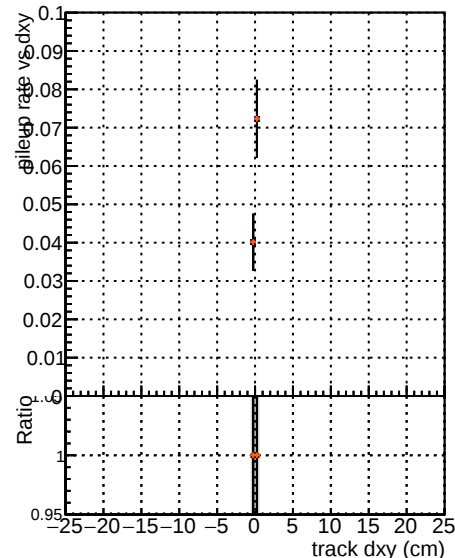
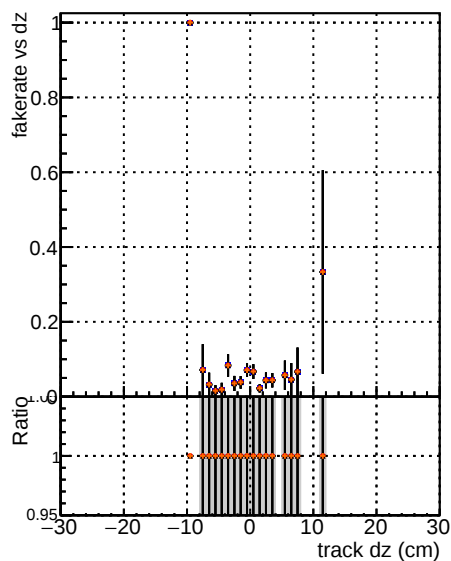


Figure 1: Comparison of the proposed NODNN2 with the baseline DGM. (a) Fake rate vs d . (b) Binary representations of numbers 1 to 25.



CMSSW	X	Y	Z	a	NODNN2
CMSSW	X	Y	Z	a	2
CMSSW	X	Y	Z	a	25
CMSSW	X	Y	Z	a	7

