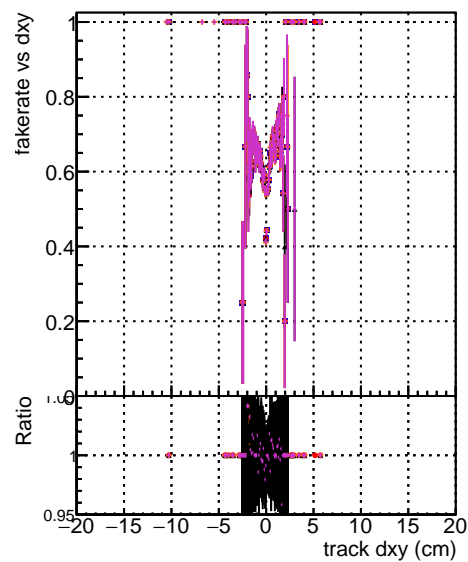
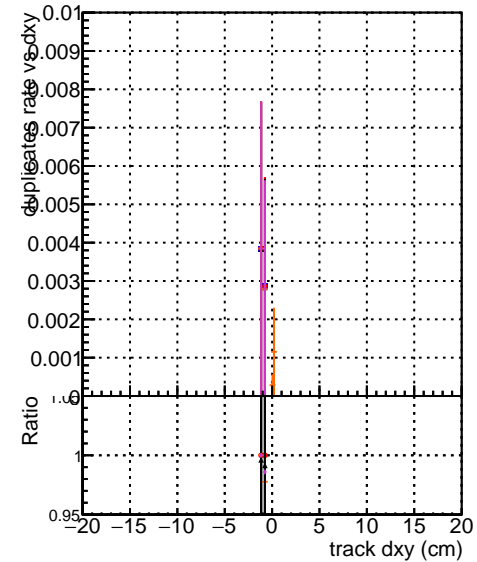
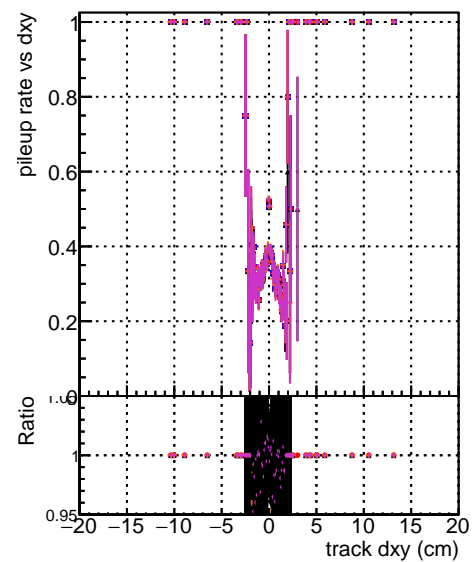


**Fake rate vs dxy****Duplicates Rate vs Dxy****Pileup rate vs dxy**
**Fake rate vs dz**

Blue line with circles	DOM original
Red line with squares	original vector_1000evt
Green line with triangles	original vector_10000evt
Orange line with diamonds	original vector_100000evt
Purple line with stars	fill Upack_1000evt

