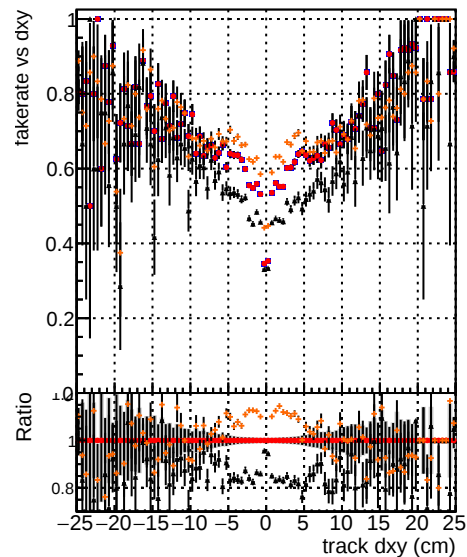
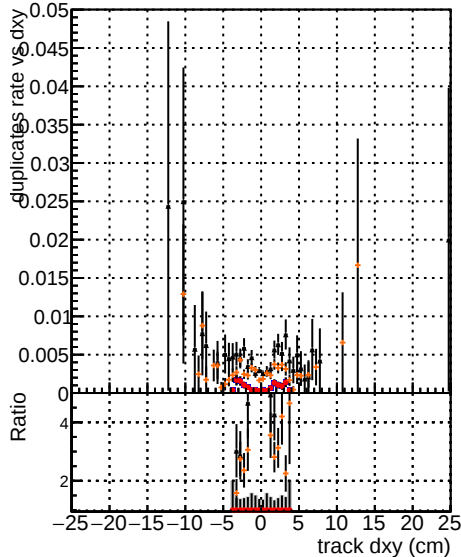
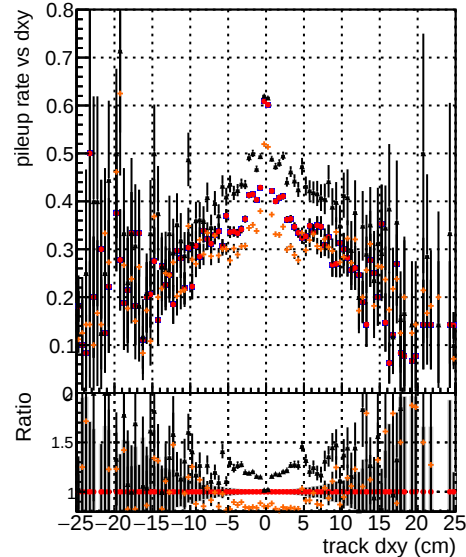


**Fake rate vs dxy****Duplicates Rate vs Dxy****Pileup rate vs dxy**
**Fake rate vs dz**

|     |     |     |                      |
|-----|-----|-----|----------------------|
| —●— | BSM | —●— | original_lowpt       |
| —●— | BSM | —●— | newbranch_lowpt      |
| —●— | BSM | —●— | newbranch_lowpt_less |

