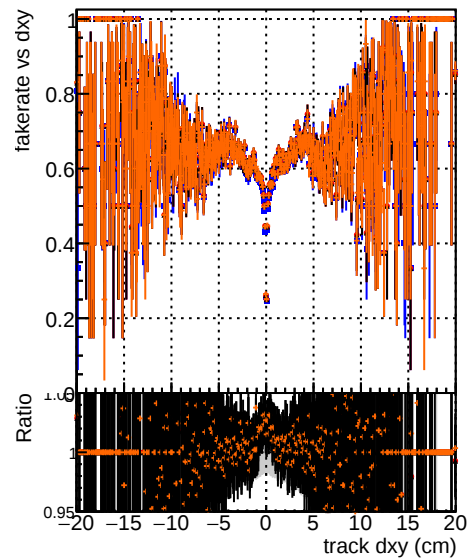
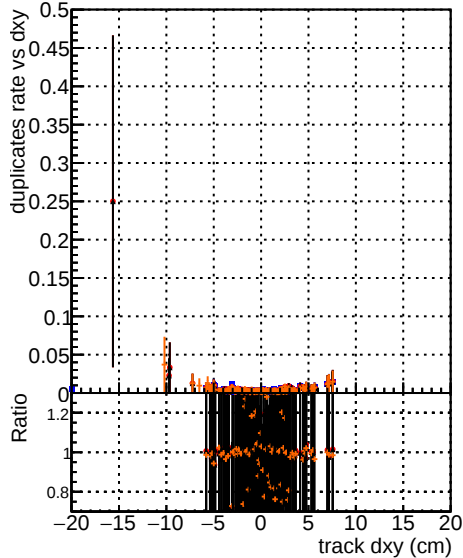


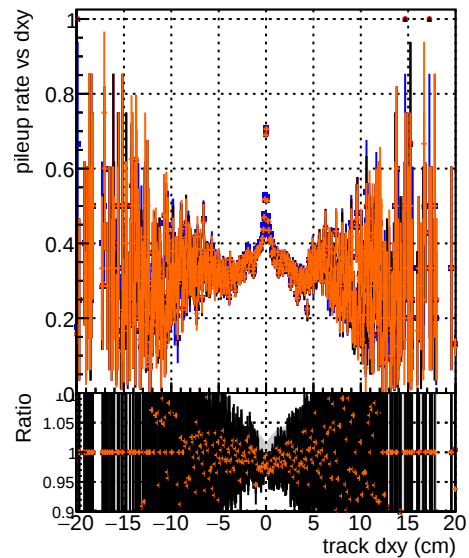
Fake rate vs dxy



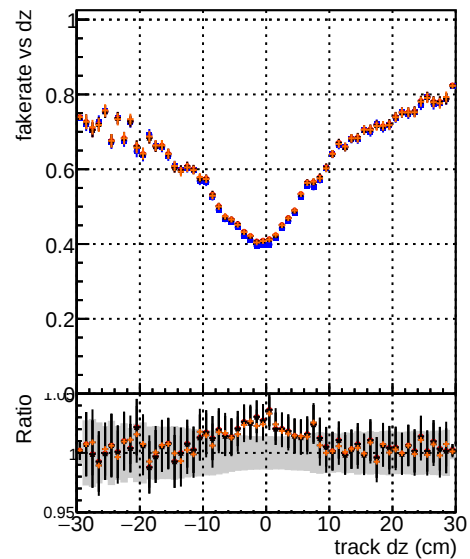
Duplicates Rate vs Dxy



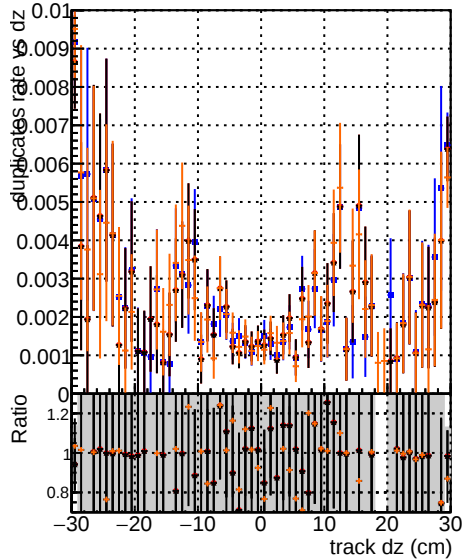
Pileup rate vs dxy



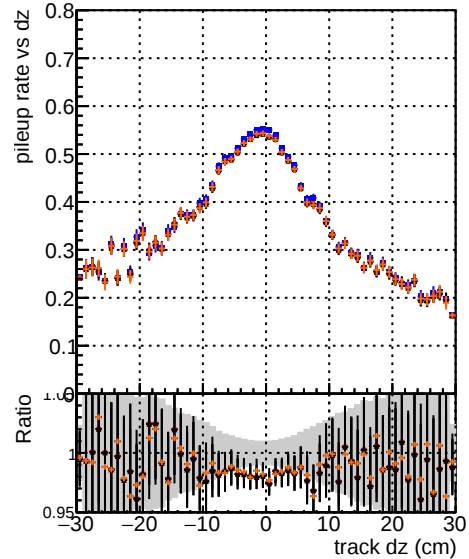
Fake rate vs dz



Duplicates rate vs dz



Pileup rate vs dz



Legend for all plots:

- Blue line: BQM original
- Orange line: BQM original vector
- Black line: BQM original vector 1000evt
- Red line: BQM original vector 1000evt
- Green line: BQM original vector 1000evt
- Grey line: BQM original vector 1000evt
- Black line: BQM original vector 1000evt
- Red line: BQM original vector 1000evt
- Green line: BQM original vector 1000evt
- Grey line: BQM original vector 1000evt