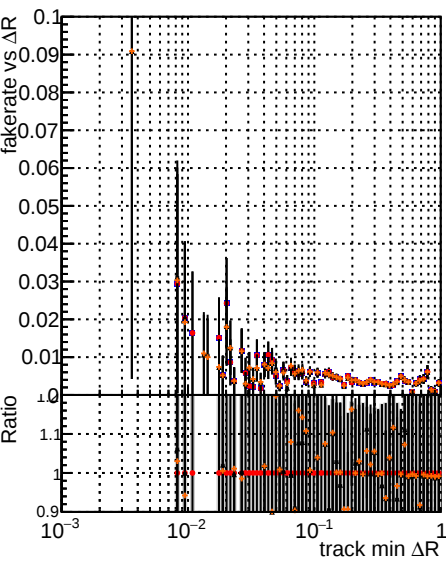
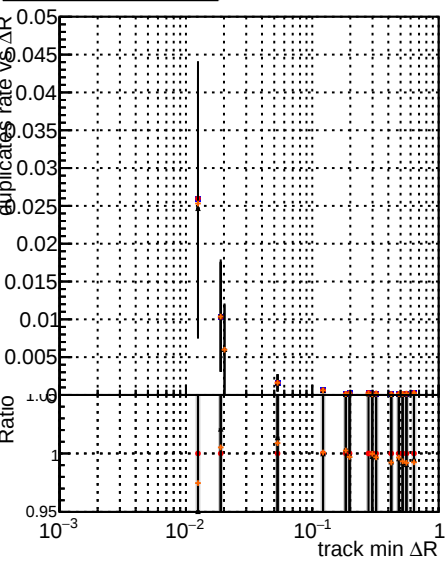


Fake rate vs dr



Duplicates Rate vs dr



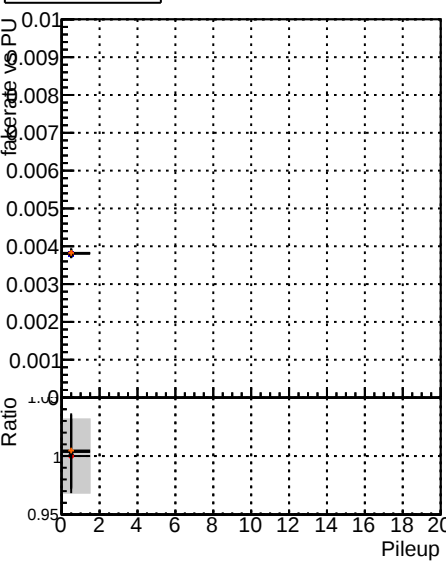
Pileup rate vs dr



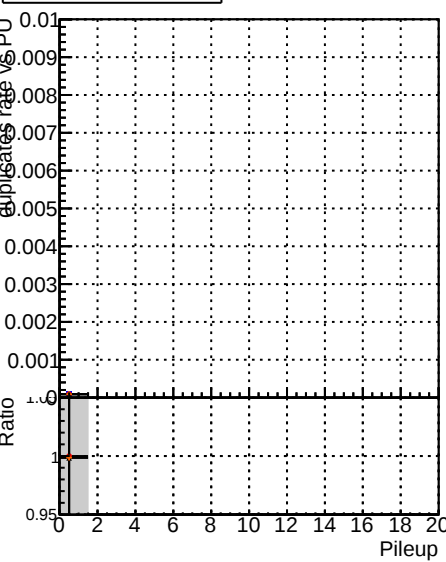
Fake rate vs $\Delta R(\text{track}, \text{jet})$
Legend: DOM X Minus original (black line), DOM X Minus newbranch (blue line), DOM X Minus original pless (red line), DOM X Minus newbranch pless (orange line)



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

