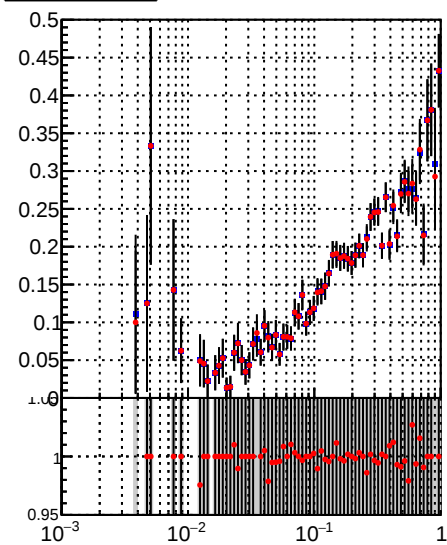


Fake rate vs dr



Duplicates Rate vs dr



Pileup rate vs dr



Fake rate vs $\sqrt{s}$



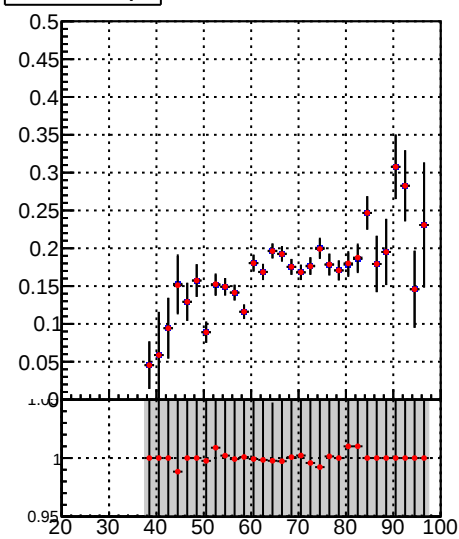
Duplicates Rate vs $\sqrt{s}$



Pileup rate vs $\sqrt{s}$



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

