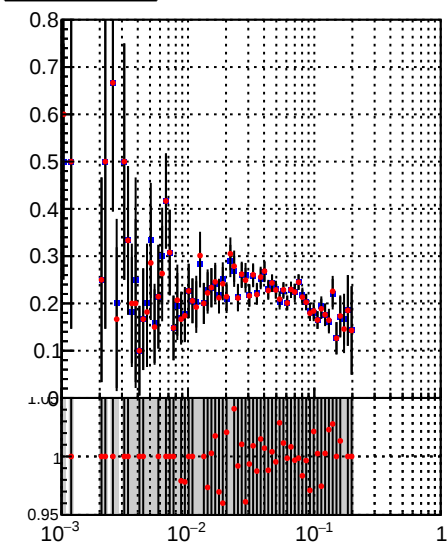
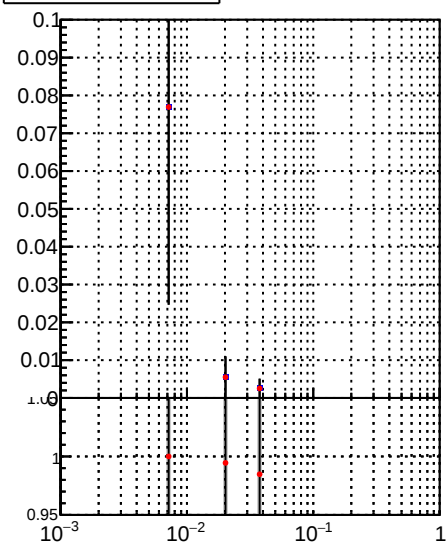


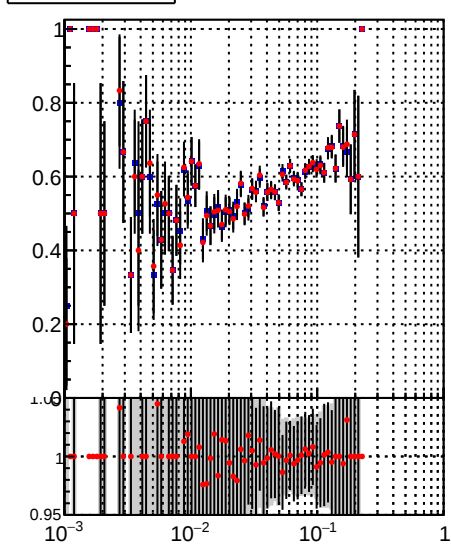
Fake rate vs dr



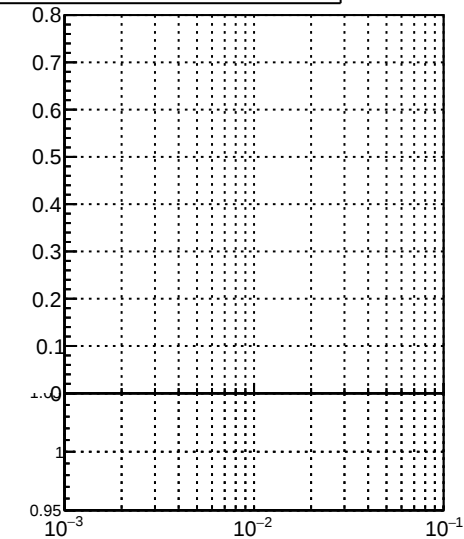
Duplicates Rate vs dr



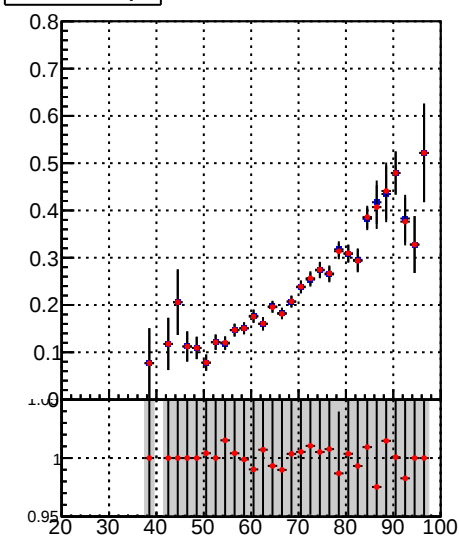
Pileup rate vs dr



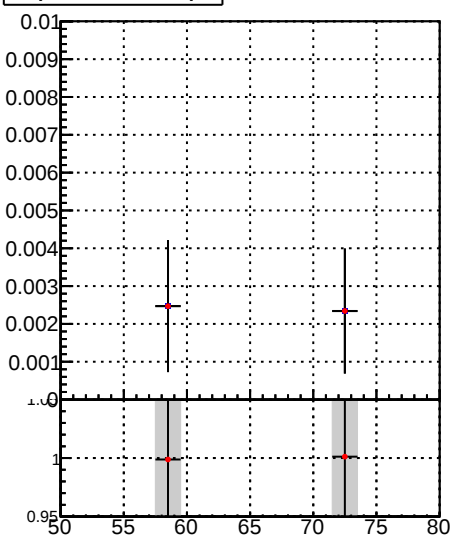
Fake rate vs $\sqrt{s}$
 Duplicates Rate vs $\sqrt{s}$
 Pileup rate vs $\sqrt{s}$



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

