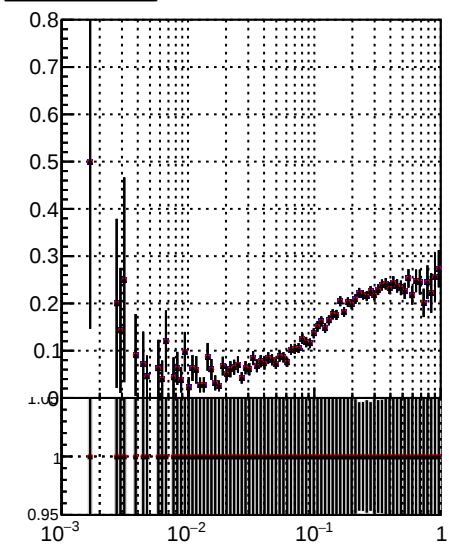


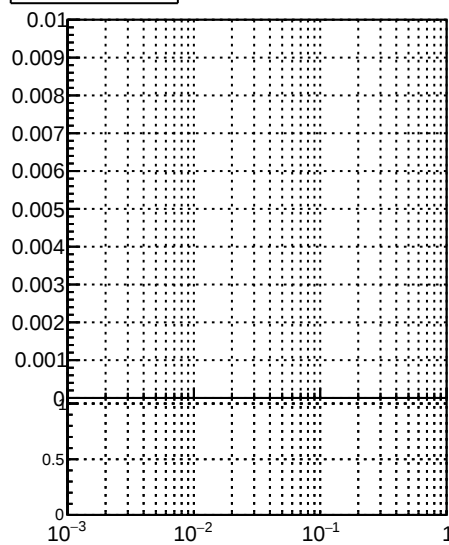
Fake rate vs dr



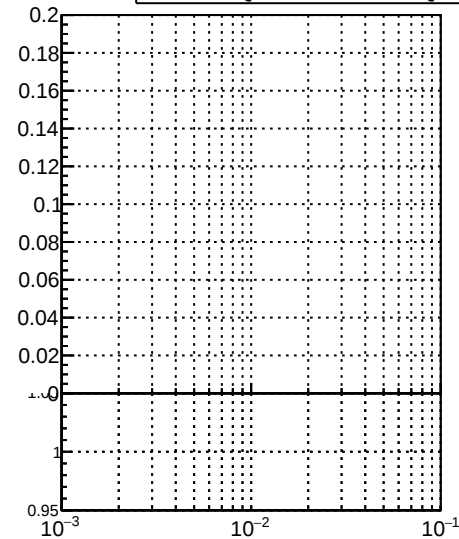
Duplicates Rate vs dr



Pileup rate vs dr



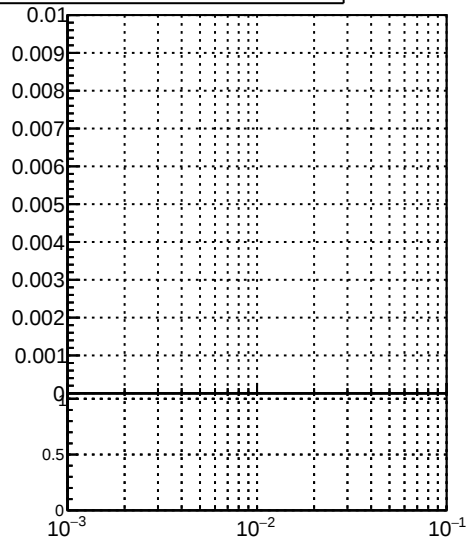
Fake rate vs  $\sqrt{s}$



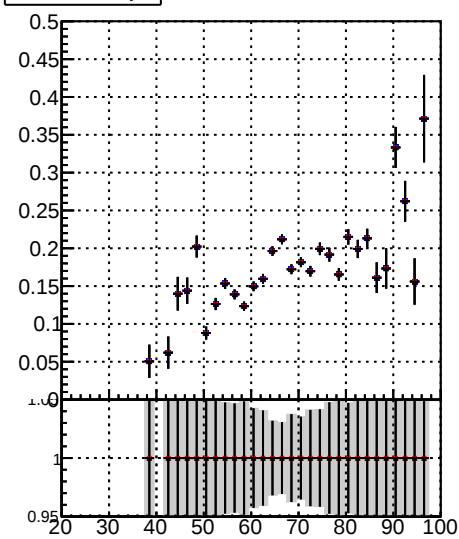
Duplicates Rate vs  $\sqrt{s}$



Pileup rate vs  $\sqrt{s}$



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

