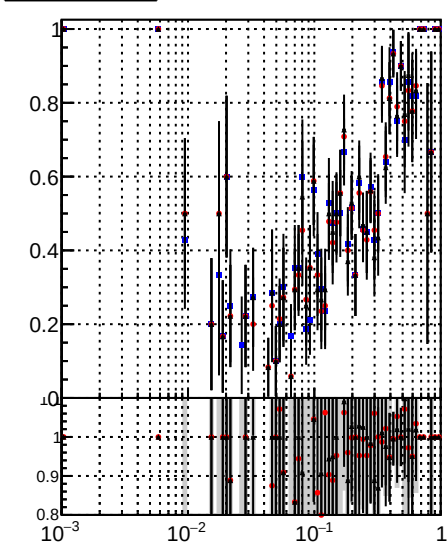
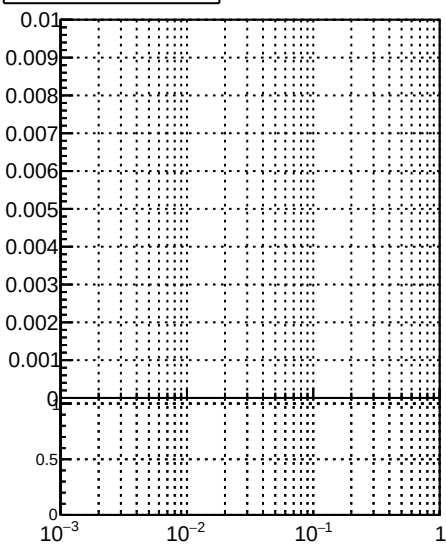


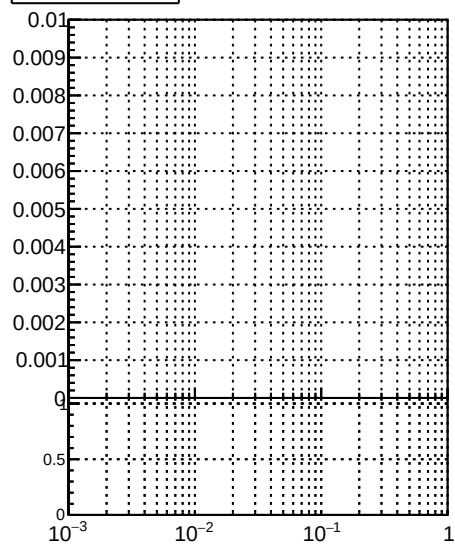
Fake rate vs dr



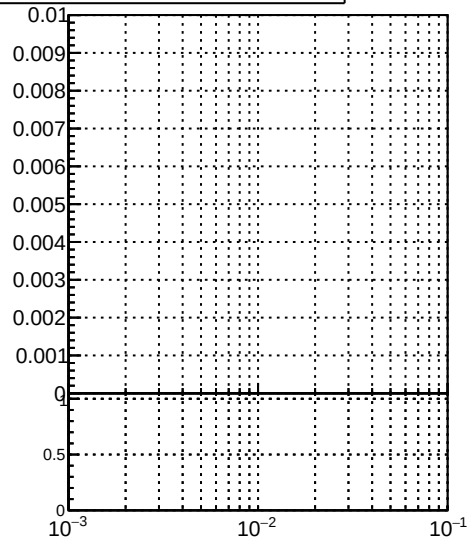
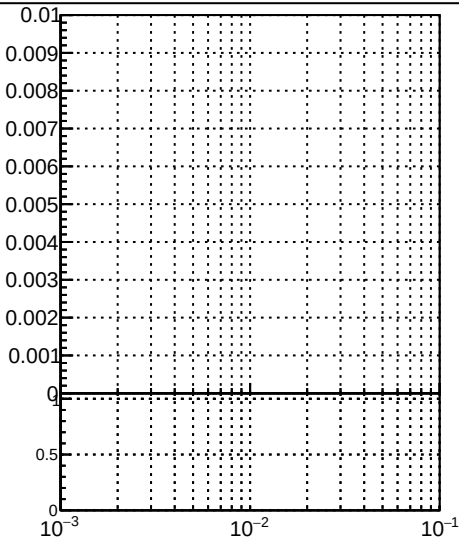
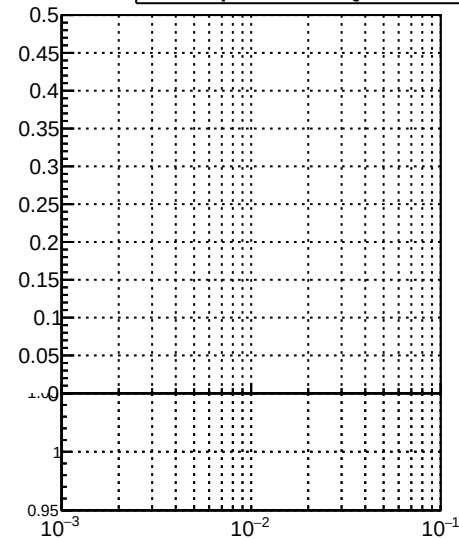
Duplicates Rate vs dr



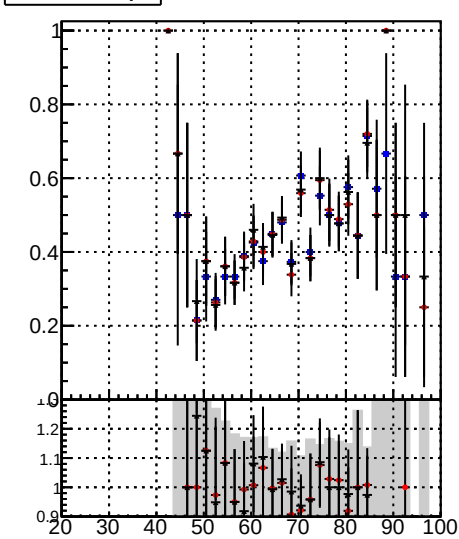
Pileup rate vs dr



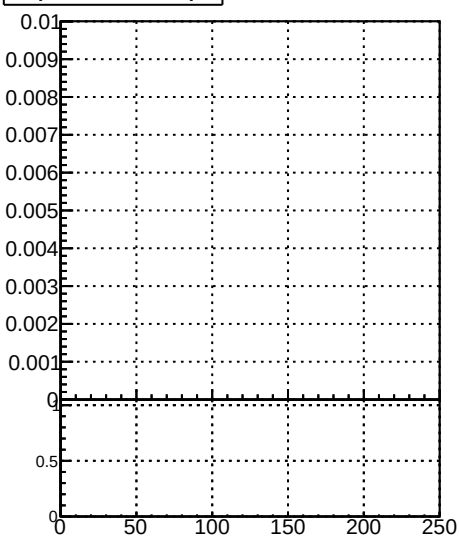
Fake rate vs  $\sqrt{s}$



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

