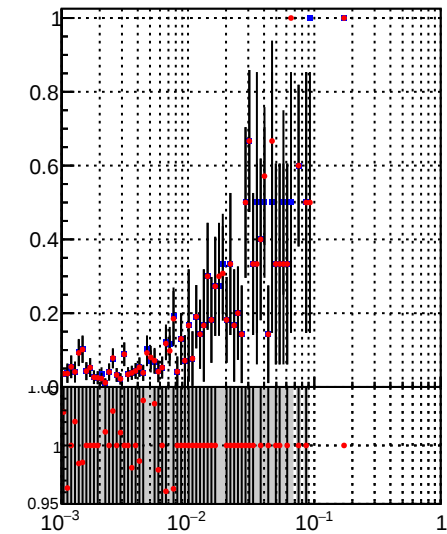
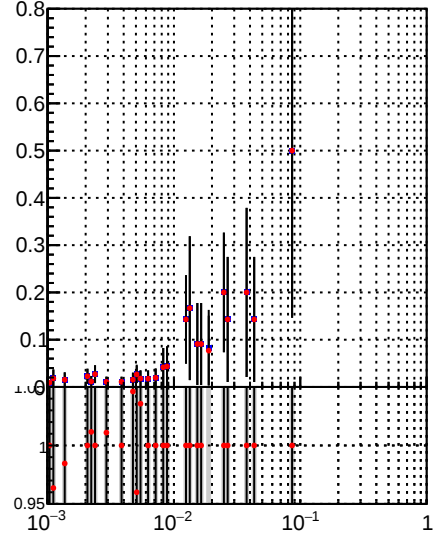


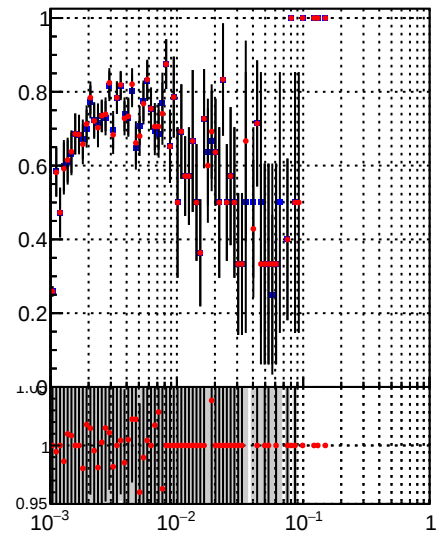
Fake rate vs dr



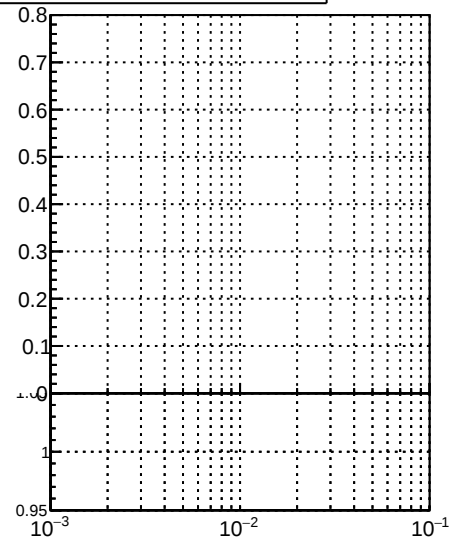
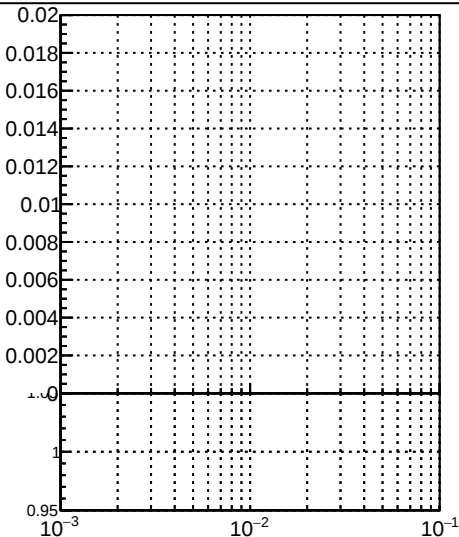
Duplicates Rate vs dr



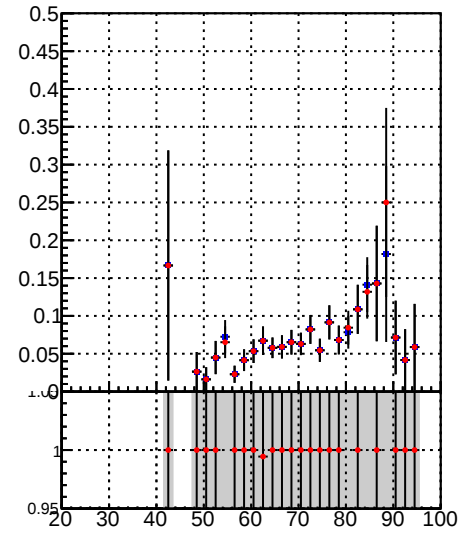
Pileup rate vs dr



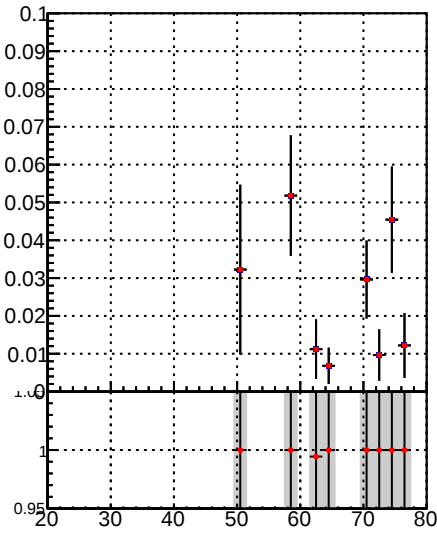
Fake rate vs  $\sqrt{s}$   
 Duplicates Rate vs  $\sqrt{s}$   
 Pileup rate vs  $\sqrt{s}$



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

