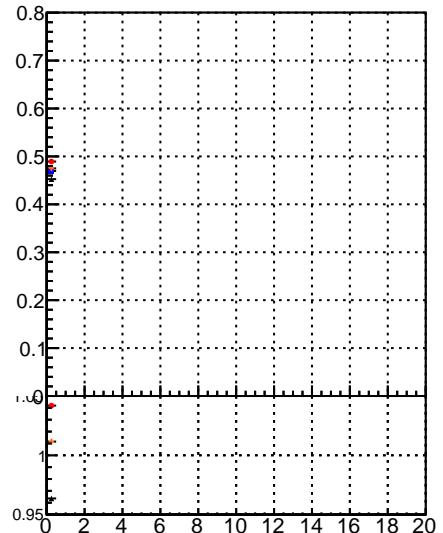
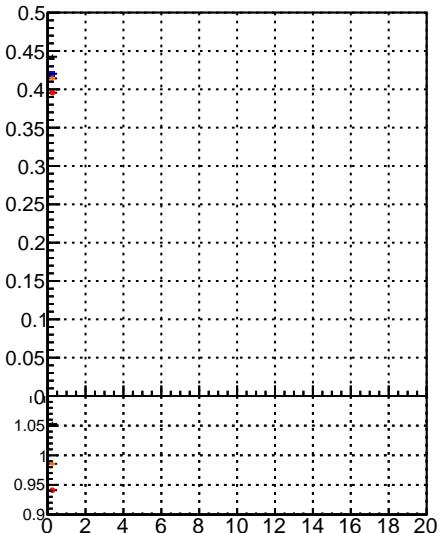
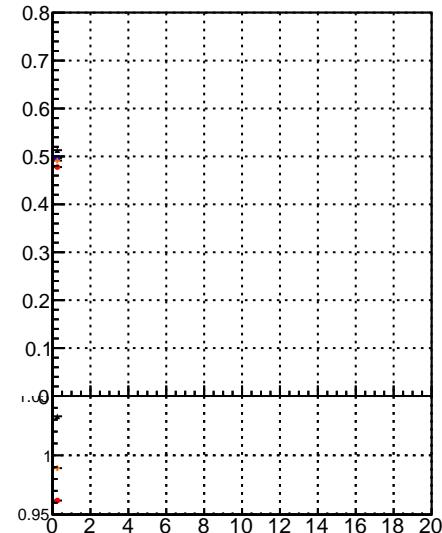


Fake rate vs normalized  $\chi^2$ Duplicates Rate vs normalized  $\chi^2$ Pileup rate vs normalized  $\chi^2$ Fake rate vs. BDM-GKE  
BDM-BDT-fit  
BDM-BDT-mKFit  
BDM-CKE