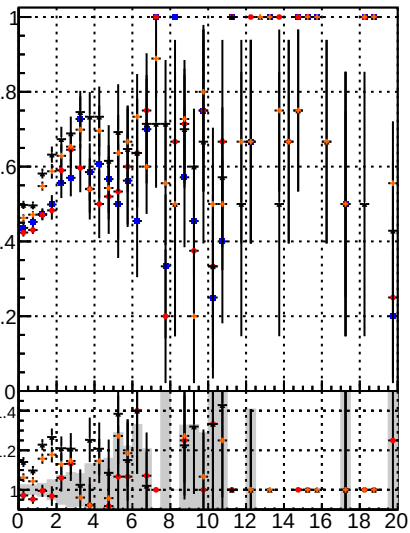
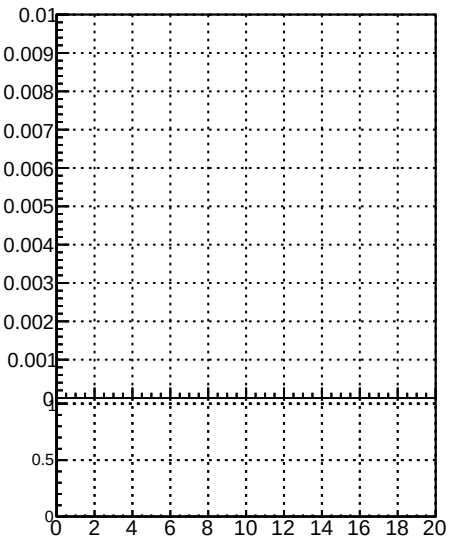


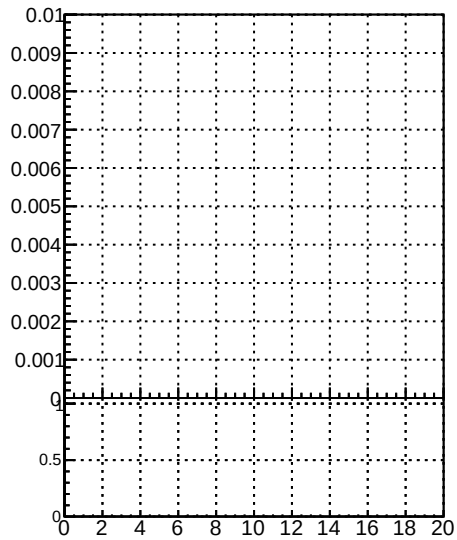
Fake rate vs normalized  $\chi^2$



Duplicates Rate vs normalized  $\chi^2$



Pileup rate vs normalized  $\chi^2$



Fake rate vs.  $\chi^2$  for BSM, Displaced SUSY, CKFit, CKFit\_BDT, and CKFit\_BDT

