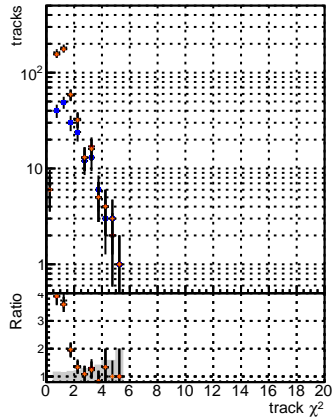
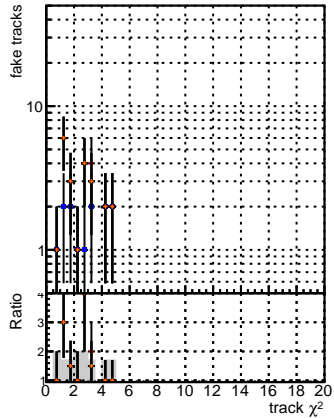
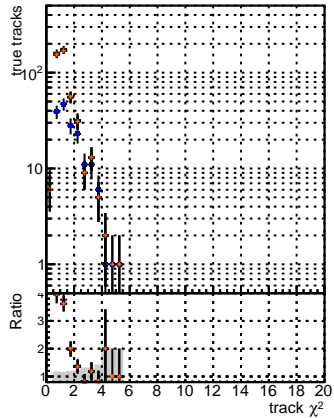


N of reco track vs normalized  $\chi^2$



N of associated (recoToSim) tracks vs normalized  $\chi^2$



N of associated (recoToSim) loop tracks vs normalized  $\chi^2$



Legend: Global, CMS, SW, RECO, Data, MC, Sim, etc. (Detailed description of the legend content is omitted for brevity, but it includes various dataset and simulation labels.)

