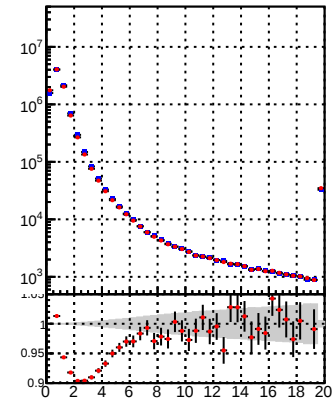
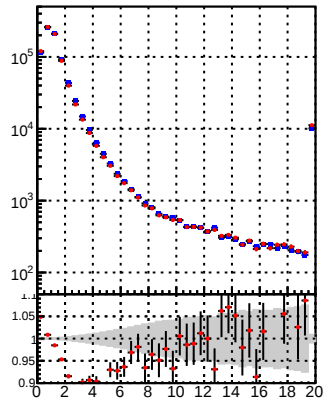
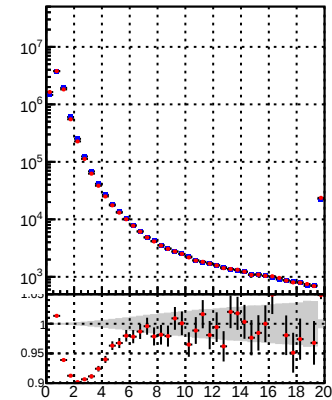


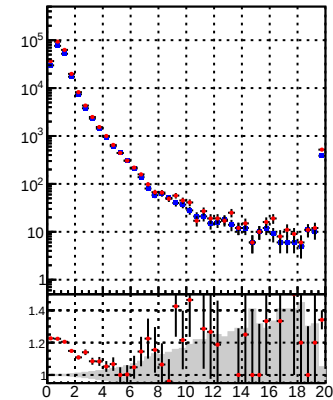
N of reco track vs normalized χ^2



N of associated (recoToSim) tracks vs normalized χ^2



N of associated (recoToSim) loop tracks vs normalized χ^2



N of reco track vs. χ^2 for $\sqrt{s}=13.0$ TeV, $\sqrt{s}=13.6$ TeV, $\sqrt{s}=14.0$ TeV, $\sqrt{s}=14.3$ TeV, $\sqrt{s}=14.6$ TeV, $\sqrt{s}=15.0$ TeV, $\sqrt{s}=15.4$ TeV, $\sqrt{s}=15.8$ TeV, $\sqrt{s}=16.0$ TeV, $\sqrt{s}=16.4$ TeV, $\sqrt{s}=16.8$ TeV, $\sqrt{s}=17.0$ TeV, $\sqrt{s}=17.4$ TeV, $\sqrt{s}=17.8$ TeV, $\sqrt{s}=18.0$ TeV, $\sqrt{s}=18.4$ TeV, $\sqrt{s}=18.8$ TeV, $\sqrt{s}=19.0$ TeV, $\sqrt{s}=19.4$ TeV, $\sqrt{s}=19.8$ TeV, $\sqrt{s}=20.0$ TeV

