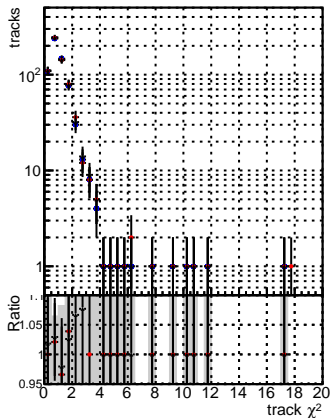
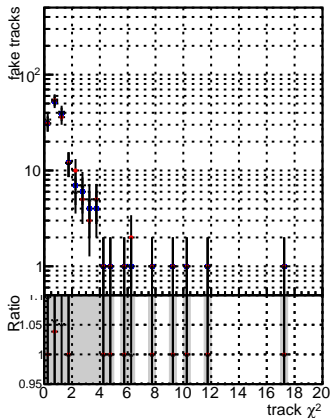
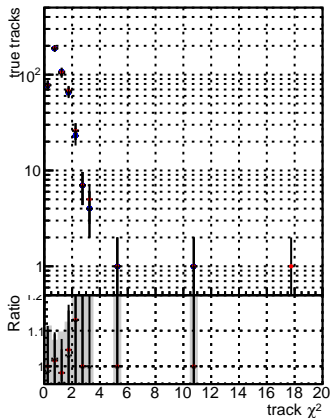


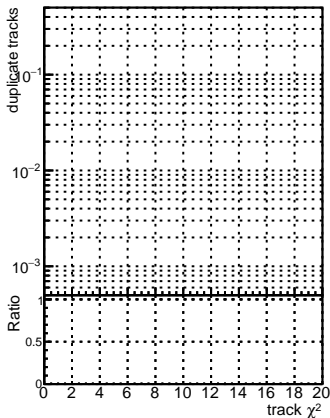
N of reco track vs normalized  $\chi^2$



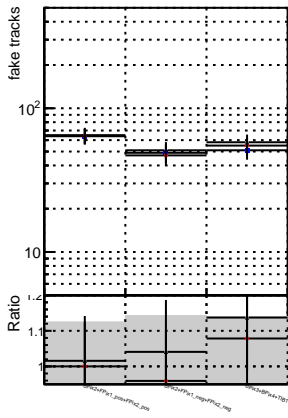
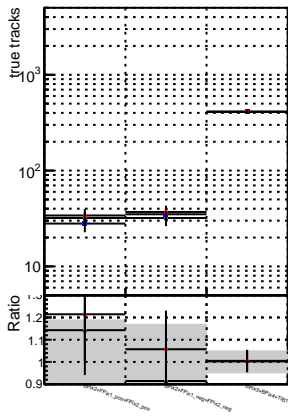
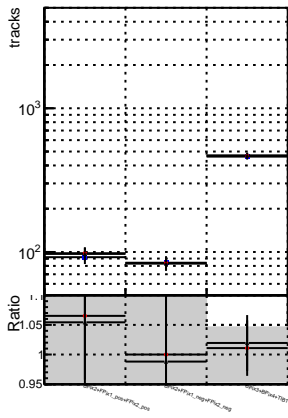
N of associated (recoToSim) tracks vs normalized  $\chi^2$



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



N of reco track vs.  $\chi^2$  DGM mKFIT Tbar PU50 extractedGeoms rescaleError100 DGM mKFIT Tbar PU50 extractedGeoms rescaleError100 pTCutOverlap0p0 DGM mKFIT Tbar PU50 extractedGeoms rescaleError100 dynamicChi2CutOverlap



N of reco track vs.  $\chi^2$  DGM mKFIT Tbar PU50 extractedGeoms rescaleError100 DGM mKFIT Tbar PU50 extractedGeoms rescaleError100 pTCutOverlap0p0 DGM mKFIT Tbar PU50 extractedGeoms rescaleError100 dynamicChi2CutOverlap

N of associated (recoToSim) tracks vs.  $\chi^2$  DGM mKFIT Tbar PU50 extractedGeoms rescaleError100 DGM mKFIT Tbar PU50 extractedGeoms rescaleError100 pTCutOverlap0p0 DGM mKFIT Tbar PU50 extractedGeoms rescaleError100 dynamicChi2CutOverlap

N of associated (recoToSim) looper tracks vs.  $\chi^2$  DGM mKFIT Tbar PU50 extractedGeoms rescaleError100 DGM mKFIT Tbar PU50 extractedGeoms rescaleError100 pTCutOverlap0p0 DGM mKFIT Tbar PU50 extractedGeoms rescaleError100 dynamicChi2CutOverlap