

Pion Physics Production Setting

E7p937, Q3p85, W3p07, ptheta5p50

PID Cuts

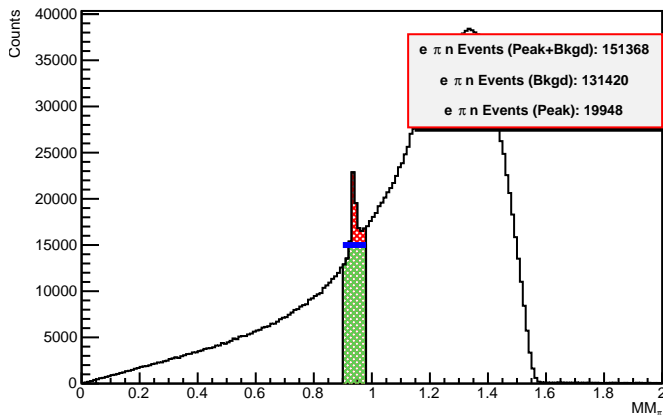
$$H_cer_npeSum > 1.5$$

$$H_cal_etottracknorm > 0.7$$

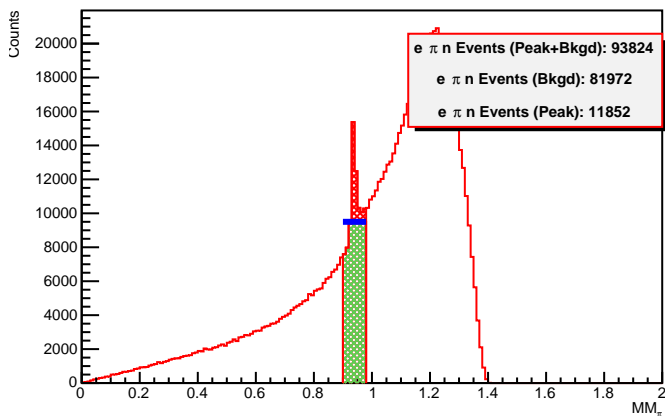
$$P_aero_npeSum > 2.5$$

$$0.4 < P_RF_Dist < 1.6$$

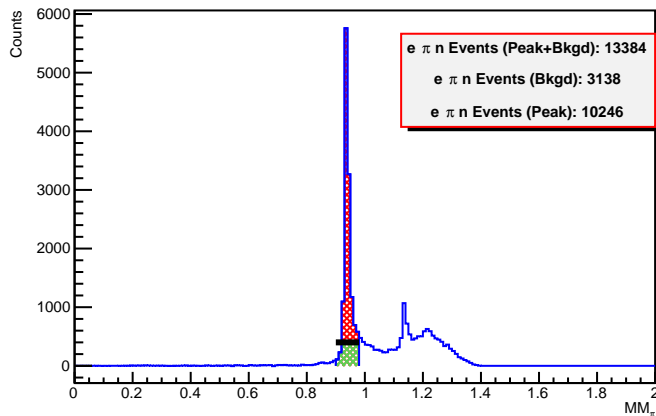
Missing Mass data (uncut)



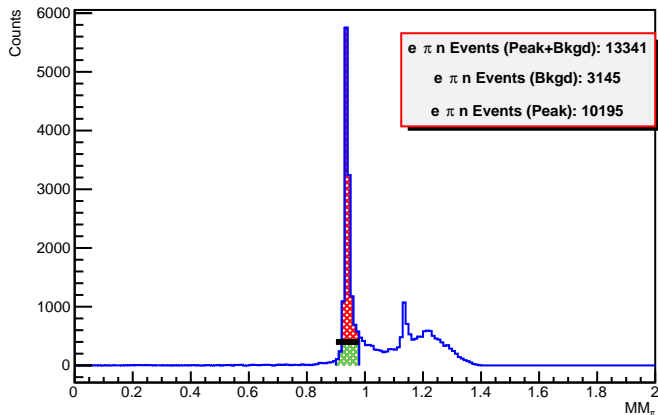
Missing Mass data (accpt_cut)



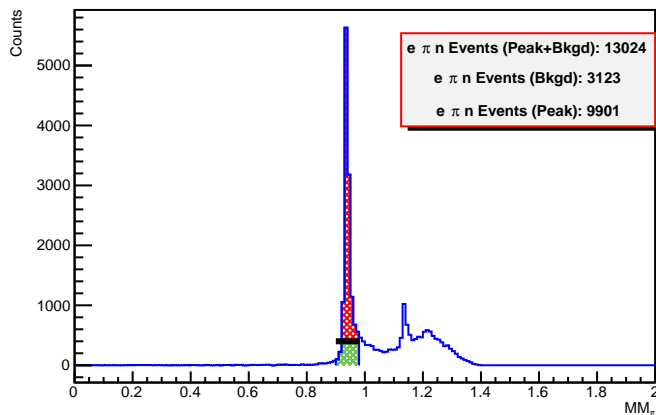
Missing Mass data (CT+accpt+aero_cut)



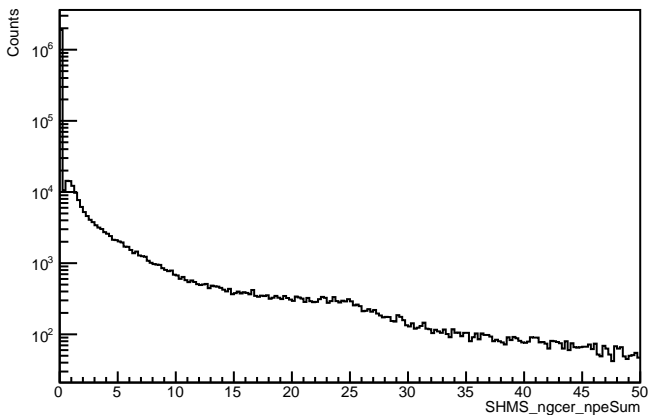
Missing Mass data (CT+accpt+RF_cut)



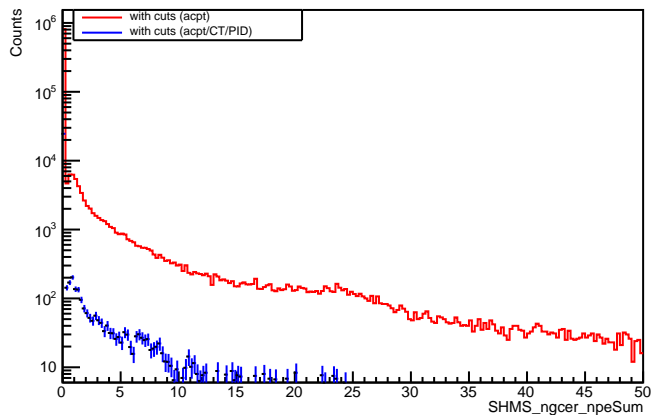
Missing Mass data (all_cut)



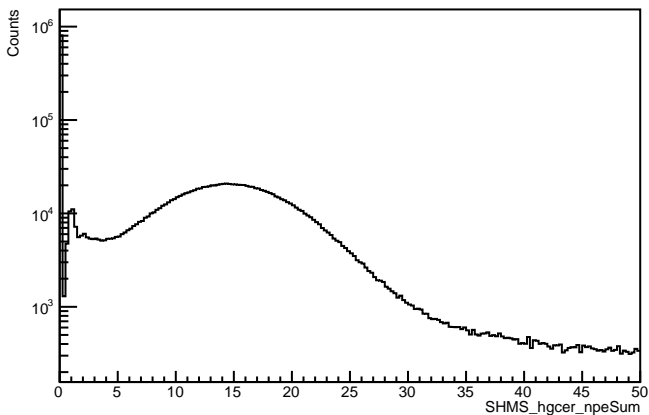
SHMS NGC npeSum (uncut)



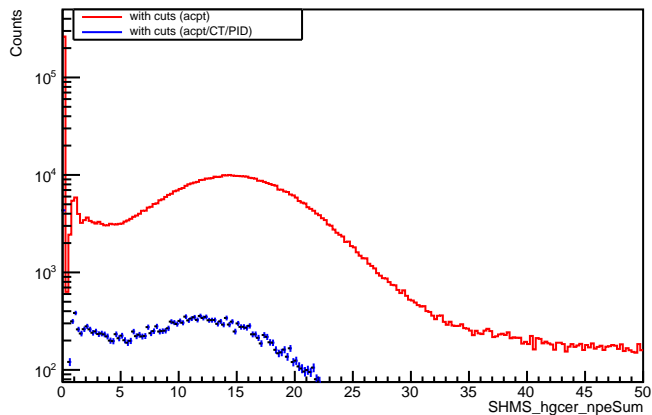
SHMS NGC npeSum (accpt_cut)



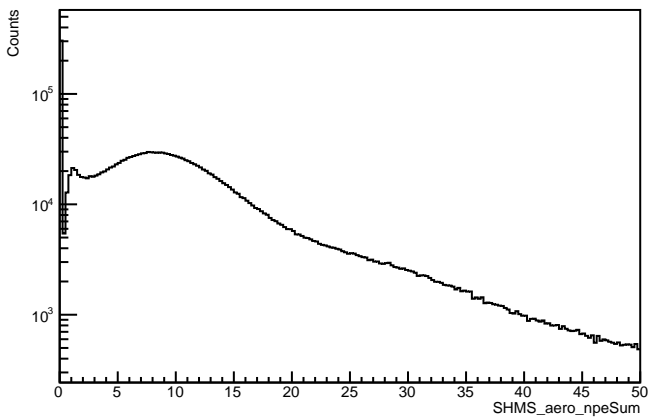
SHMS HGC npeSum (uncut)



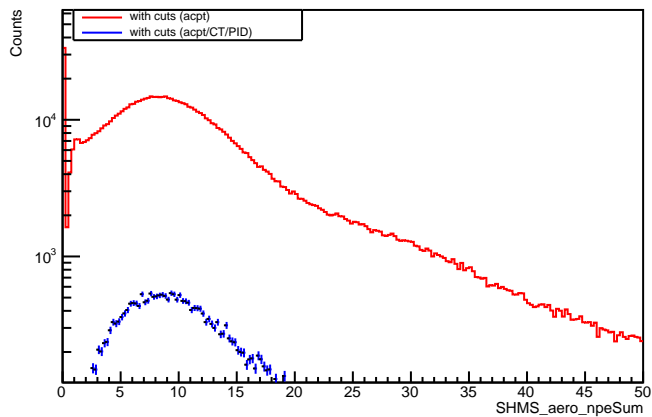
SHMS HGC npeSum (accpt_cut)



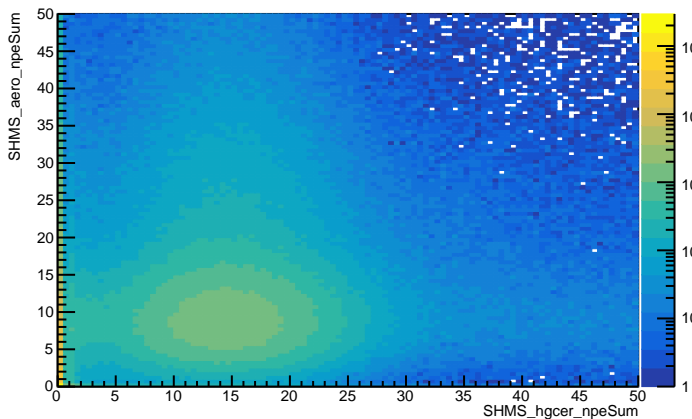
SHMS aero npeSum (uncut)



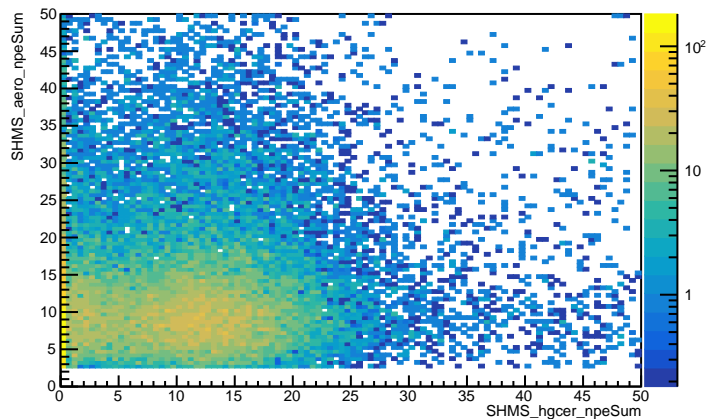
SHMS aero npeSum (accpt_cut)



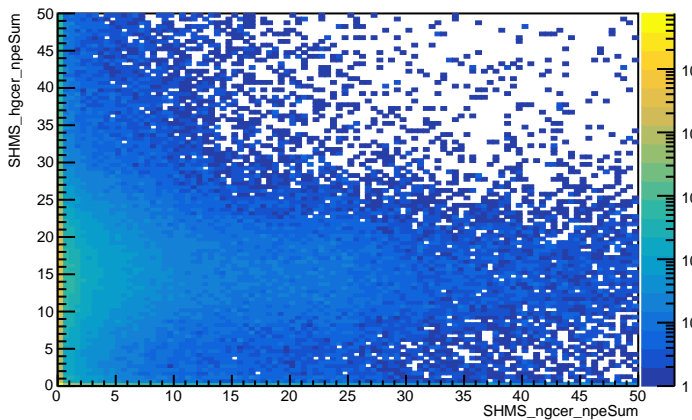
SHMS HGC npeSum vs SHMS Aero npeSum (uncut)



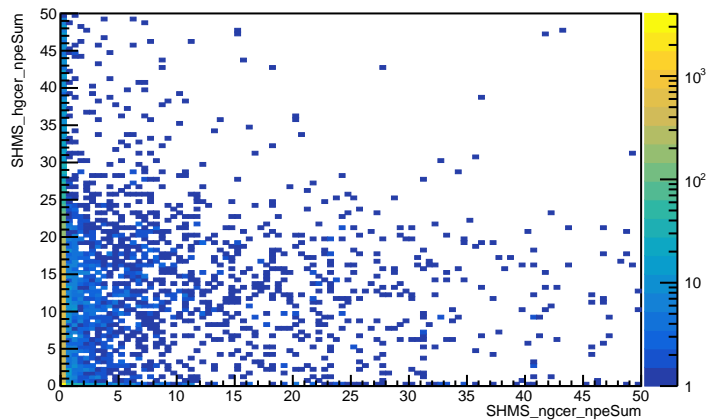
SHMS HGC npeSum vs SHMS Aero npeSum (all_cut)



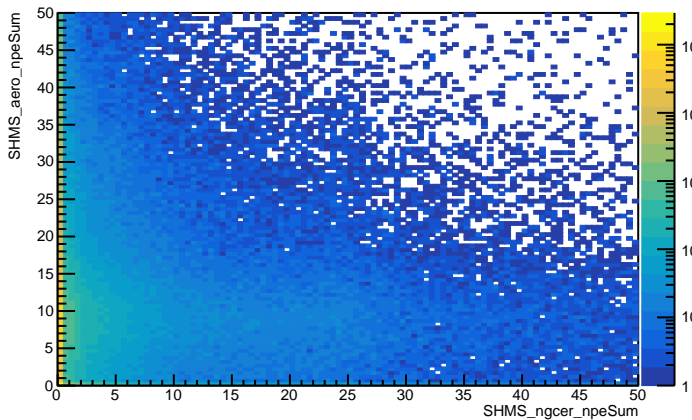
SHMS NGC npeSum vs SHMS HGC npeSum (uncut)



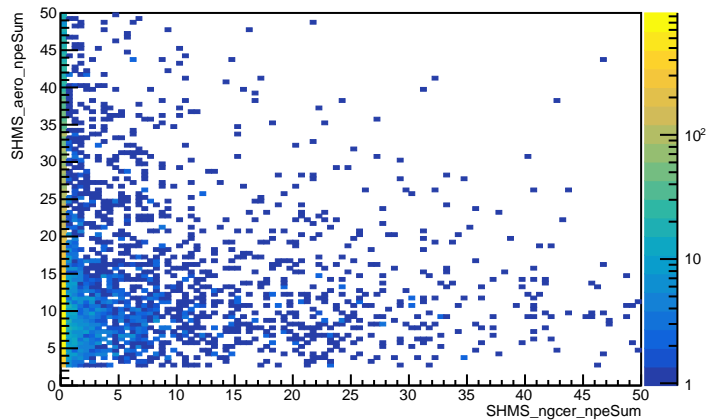
SHMS NGC npeSum vs SHMS HGC npeSum (all_cut)



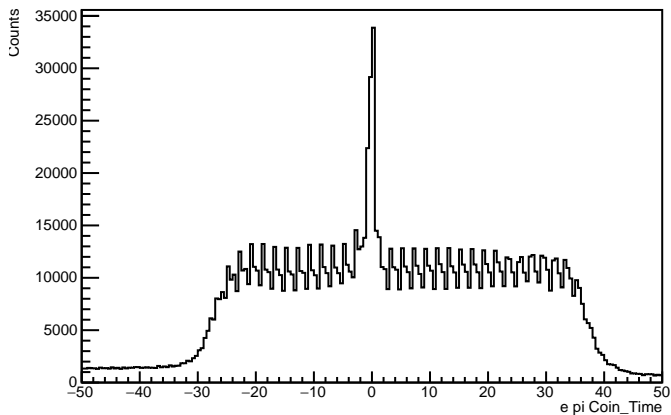
SHMS NGC npeSum vs SHMS aero npeSum (uncut)



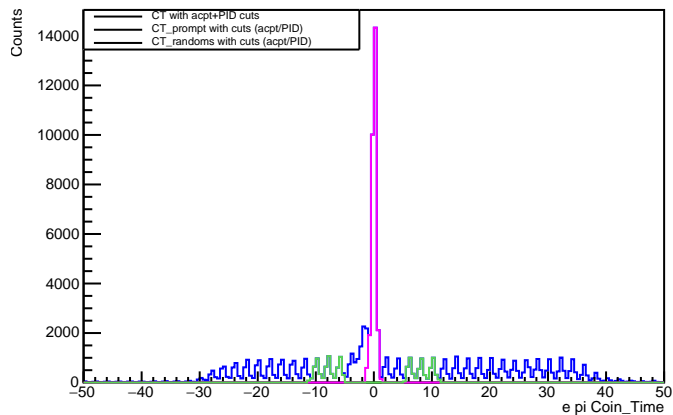
SHMS NGC npeSum vs SHMS aero npeSum (all_cut)



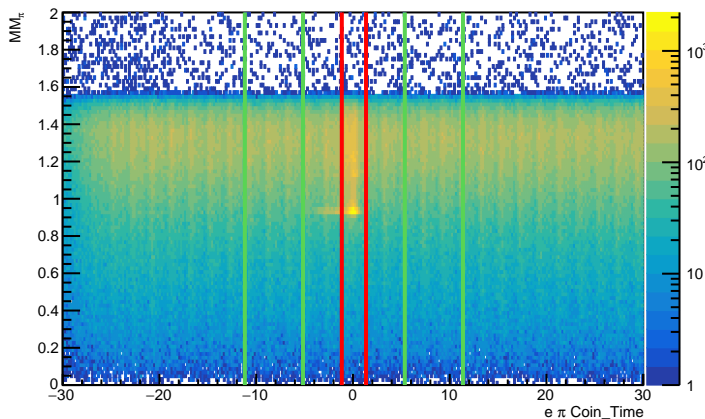
Electron-Pion CTime (uncut)



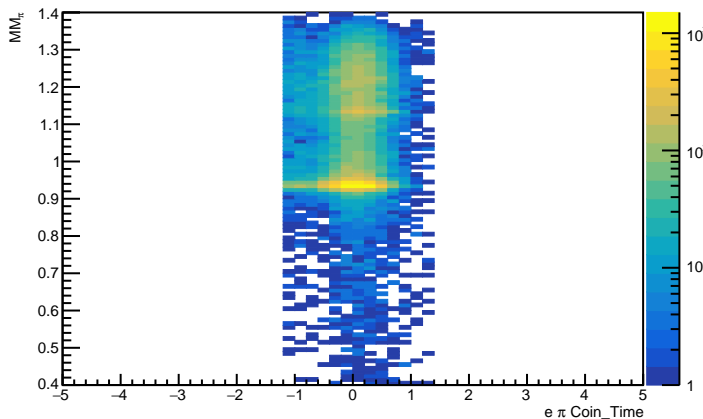
Electron-Pion CTime (accpt_PID cut)



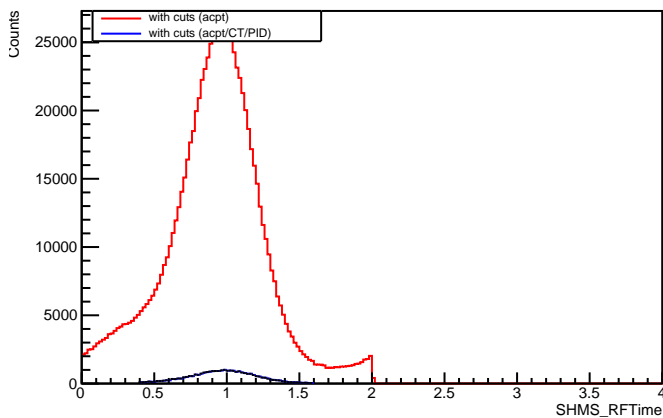
Electron-Pion CTime vs Missing Mass (uncut)



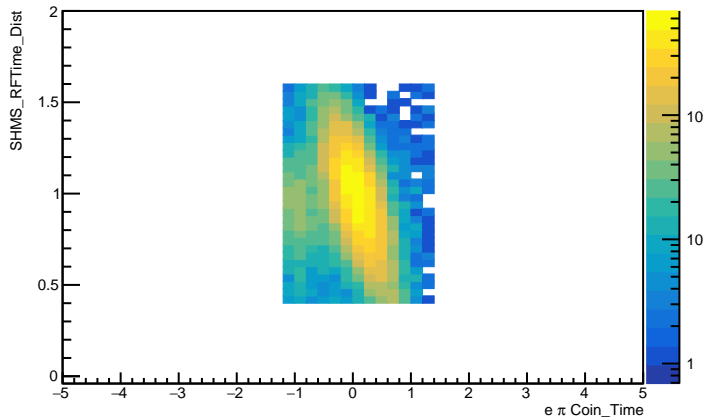
Electron-Pion CTime vs Missing Mass (all_cut)



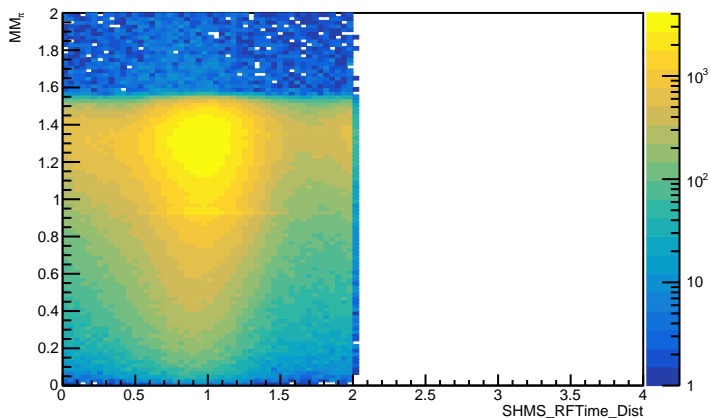
SHMS RFTIME (accpt_cut)



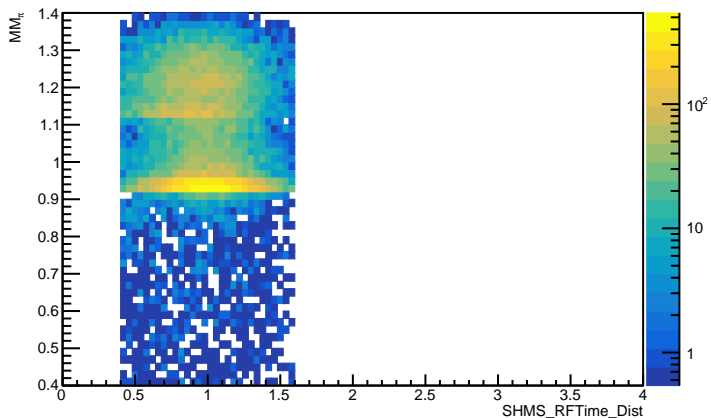
Electron-Pion CTime vs SHMS RFTIME (all_cut)



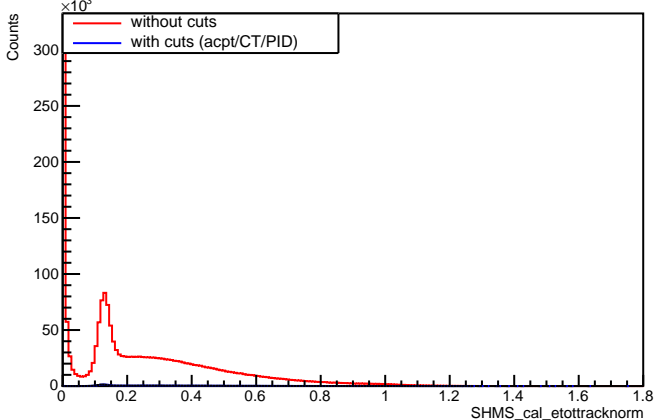
SHMS RTime vs Missing Mass (uncut)



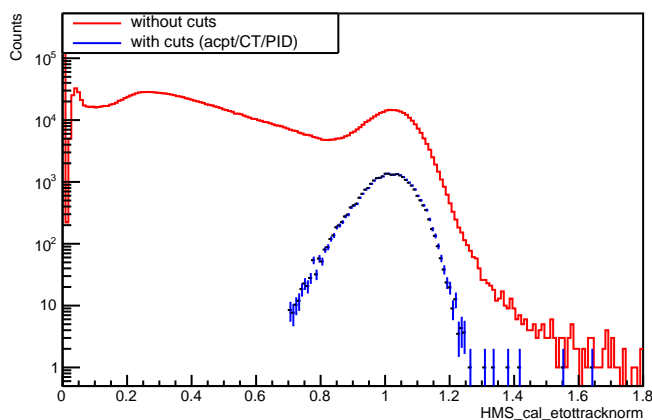
SHMS RTime vs Missing Mass (all_cut)



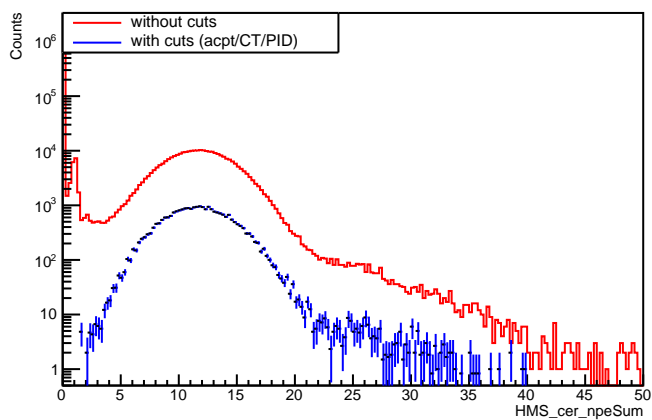
SHMS cal etotracknorm (uncut)



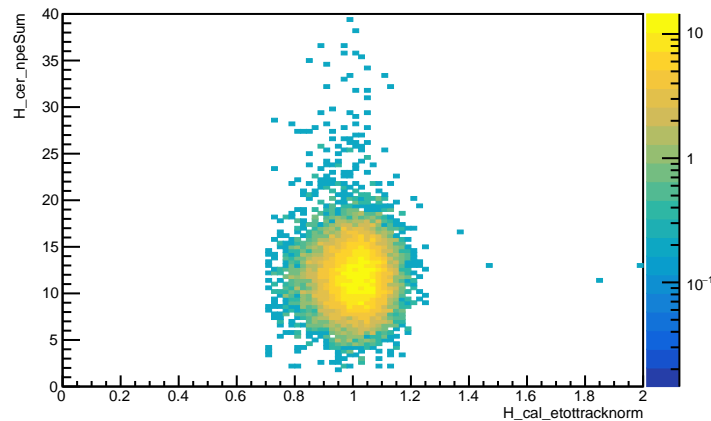
HMS cal etotracknorm (uncut)



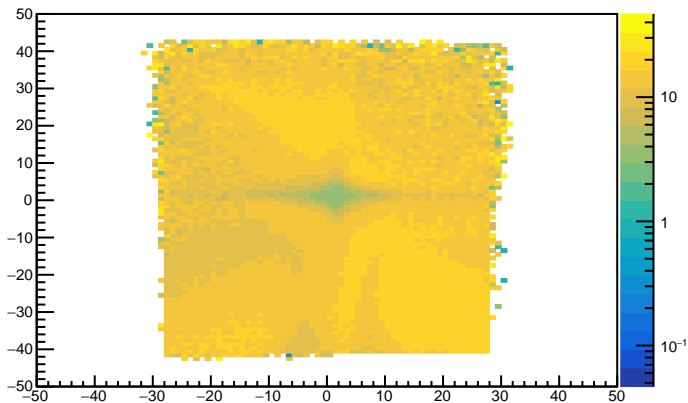
HMS cer npeSum (uncut)



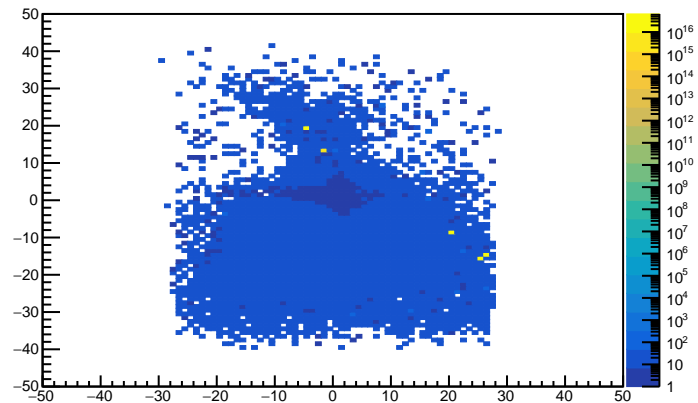
HMS cal etotracknorm vs HMS cer npeSum (random+accpt_cut)



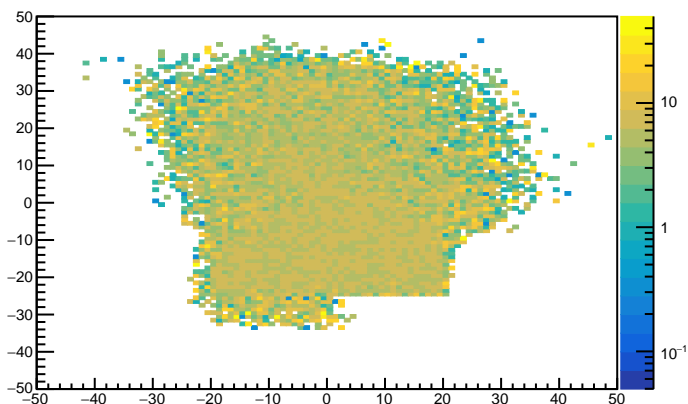
SHMS HGC NPE as fn of yAtCer vs SHMS HGC xAtCer (no cuts) profile yx projection



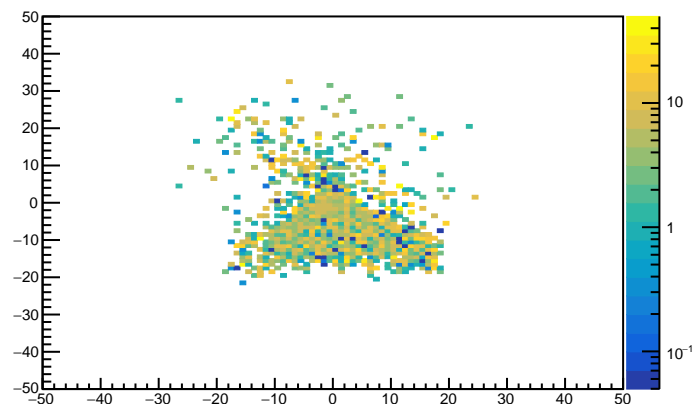
SHMS HGC NPE as fn of yAtCer vs SHMS HGC xAtCer (with cuts) profile yx projection



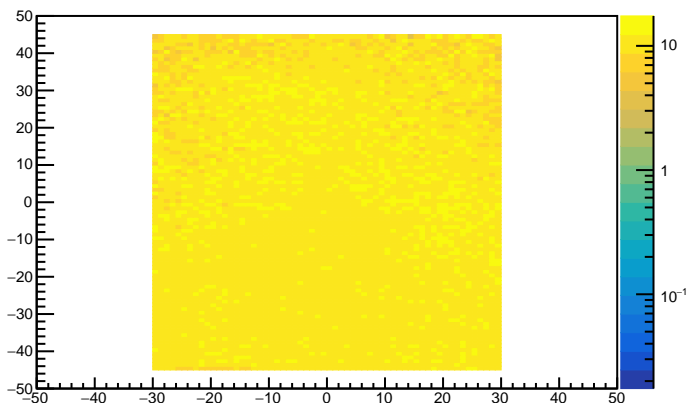
SHMS NGC NPE as fn of yAtCer vs xAtCer (no cuts) profile yx projection



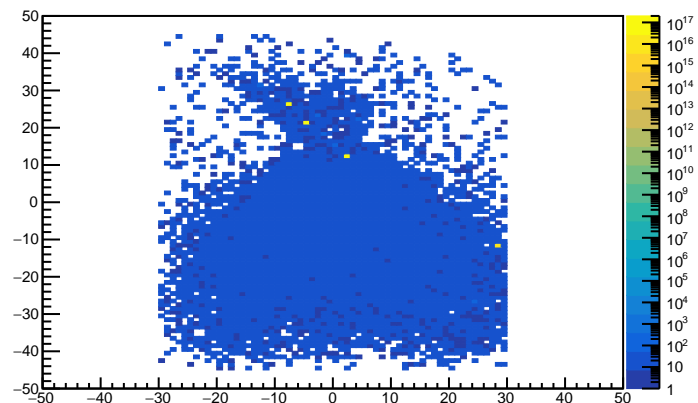
SHMS NGC NPE as fn of yAtCer vs xAtCer (with cuts) profile yx projection



SHMS Aerogel NPE as fn of yAtCer vs xAtCer (no cuts) profile yx projection



SHMS Aerogel NPE as fn of yAtCer vs xAtCer (with cuts) profile yx projection



Missing Mass data (uncut)

