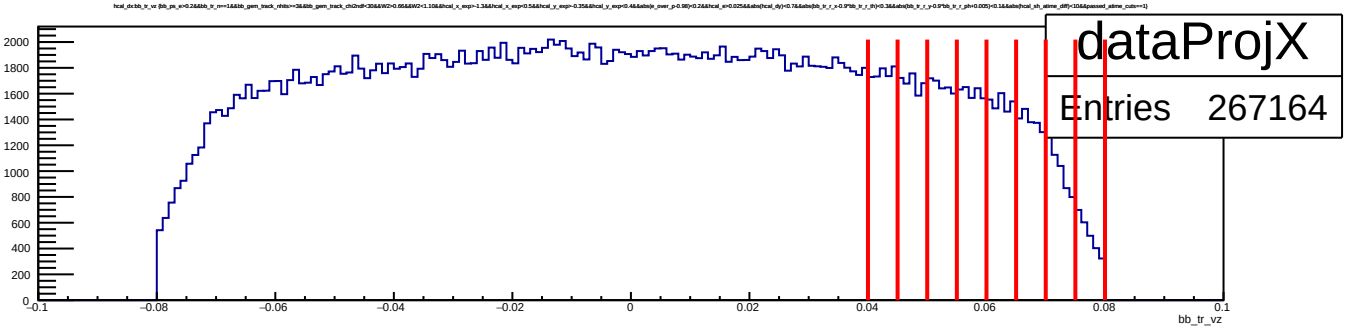
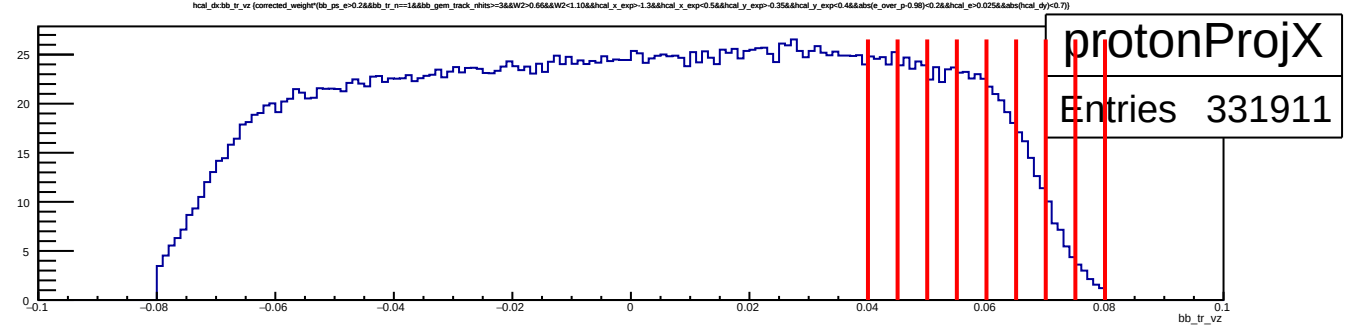
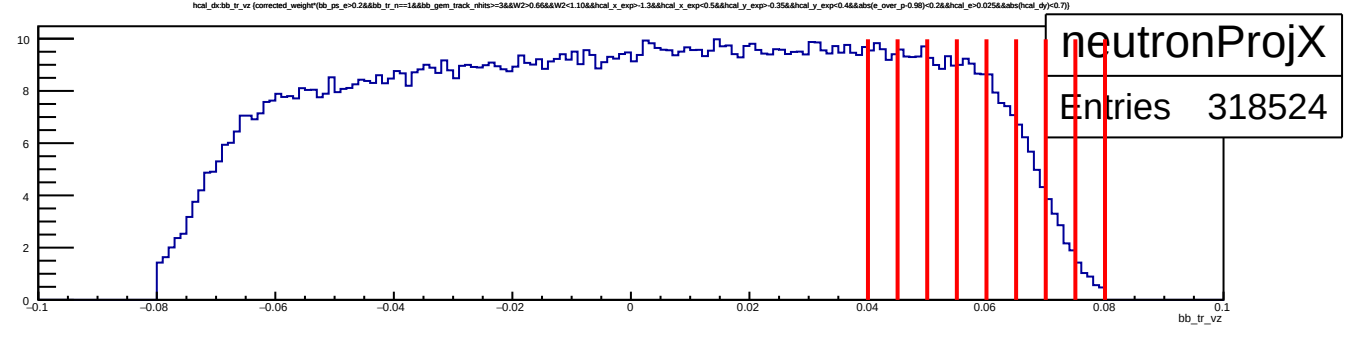

hcal_dx:bb_tr_vz {bb_ps_e>0.2&&bb_tr_n==1&&bb_gem_track_nhits>=3&&bb_gem_track_chi2ndf<30&&W2>0.66&&W2<1.10&&hcal_x_exp>-1.3&&hcal_x_exp<0.5&&hcal_y_exp>-0.35&&hcal_y_exp<0.4&&abs(e_over_p-0.98)<0.2&&hcal_e>0.025&&abs(hcal_dy)<0.7&&abs(bb_tr_r_y-0.9*bb_tr_r_th)<0.3&&abs(bb_tr_r_y-0.9*bb_tr_r_ph+0.005)<0.1&&abs(hcal_sh_atime_diff)<10&&passed_atime_cuts==1}
dataProjX
Entries 267164
bb_tr_vz


hcal_dx:bb_tr_vz {corrected_weight*(bb_ps_e>0.2&&bb_tr_n==1&&bb_gem_track_nhits>=3&&W2>0.66&&W2<1.10&&hcal_x_exp>-1.3&&hcal_x_exp<0.5&&hcal_y_exp>-0.35&&hcal_y_exp<0.4&&abs(e_over_p-0.98)<0.2&&hcal_e>0.025&&abs(hcal_dy)<0.7)}
protonProjX
Entries 331911
bb_tr_vz


hcal_dx:bb_tr_vz {corrected_weight*(bb_ps_e>0.2&&bb_tr_n==1&&bb_gem_track_nhits>=3&&W2>0.66&&W2<1.10&&hcal_x_exp>-1.3&&hcal_x_exp<0.5&&hcal_y_exp>-0.35&&hcal_y_exp<0.4&&abs(e_over_p-0.98)<0.2&&hcal_e>0.025&&abs(hcal_dy)<0.7)}
neutronProjX
Entries 318524
bb_tr_vz