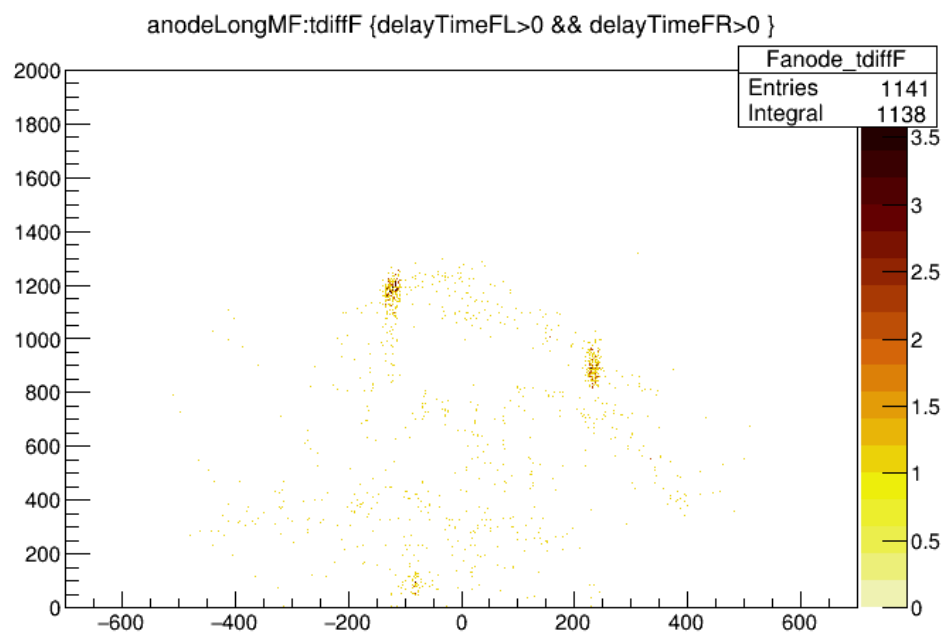
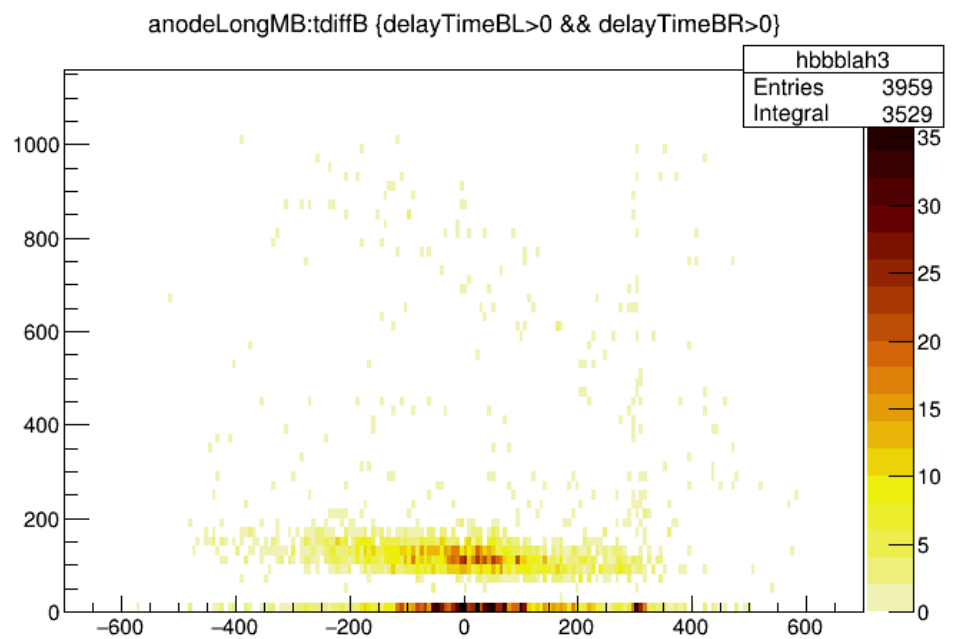


4 Oct 2019: SABRE + FP sample plots from PSD-PHA daq system in Compass

$^{19}\text{F}(\text{p},\alpha)^{16}\text{O}$

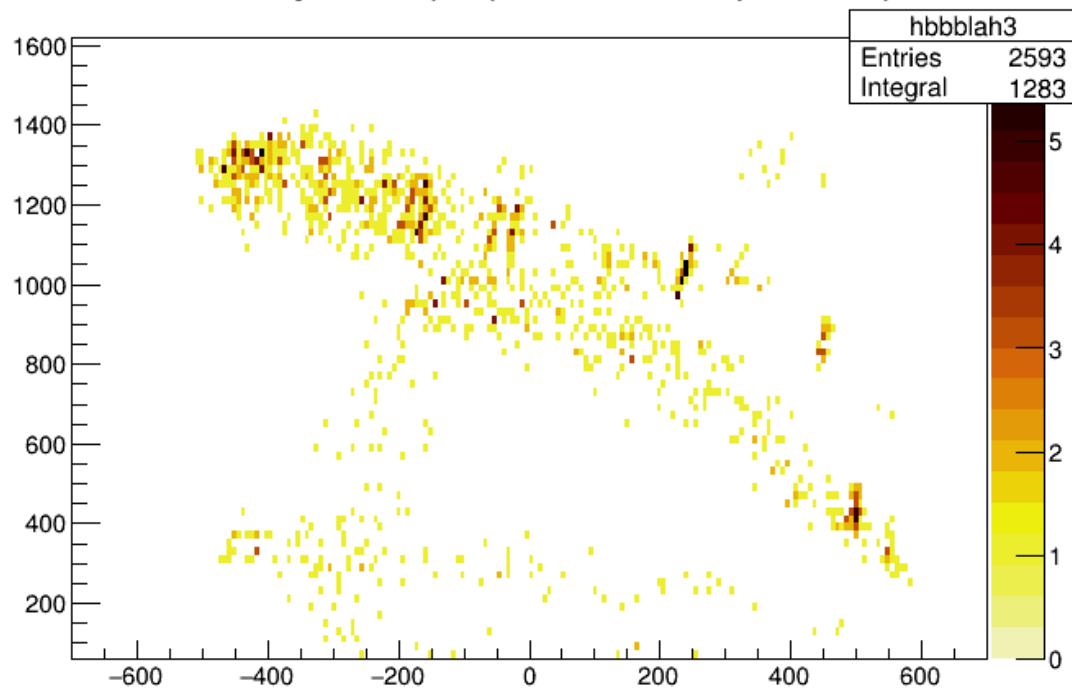
Run 265 (with bad, smeared-out back delay-line signals)



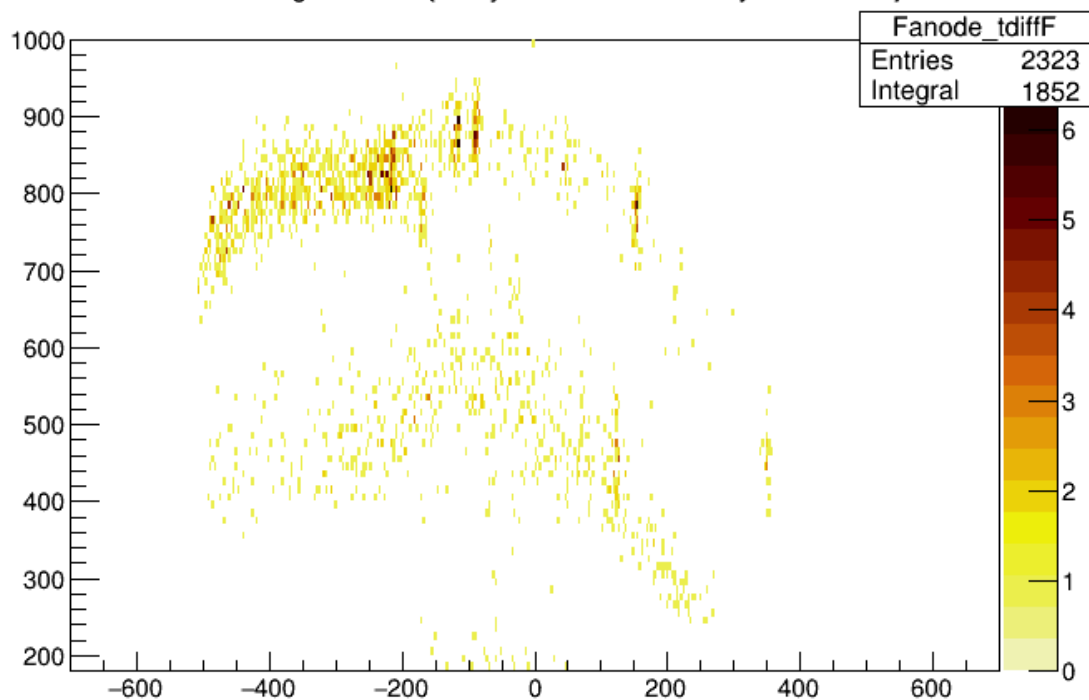
$^{19}\text{F}(\text{p},\alpha)^{16}\text{O}$ at different energies

Run 319 (7x more data exists that is not included in the analysis below)

anodeLongMB:tdiffB {delayTimeBL>0 && delayTimeBR>0}

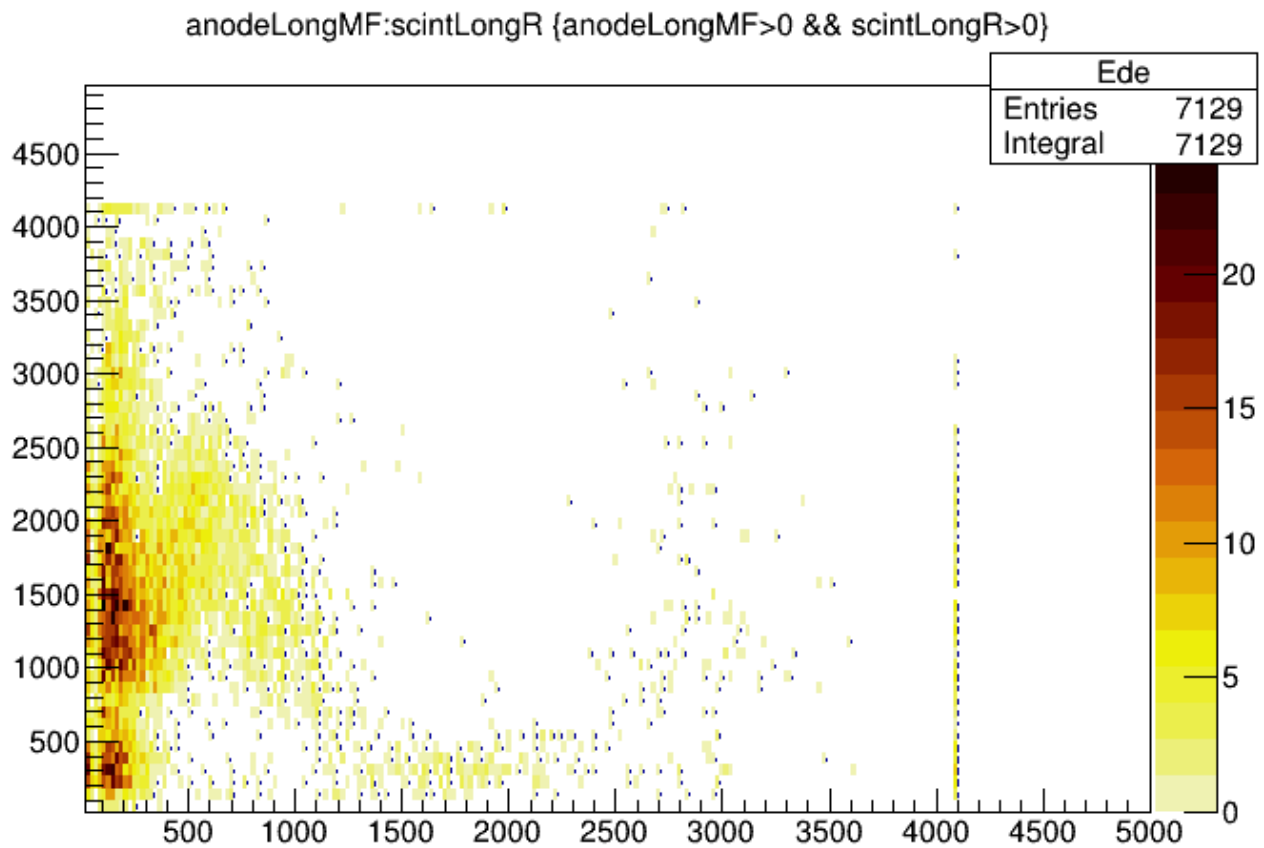
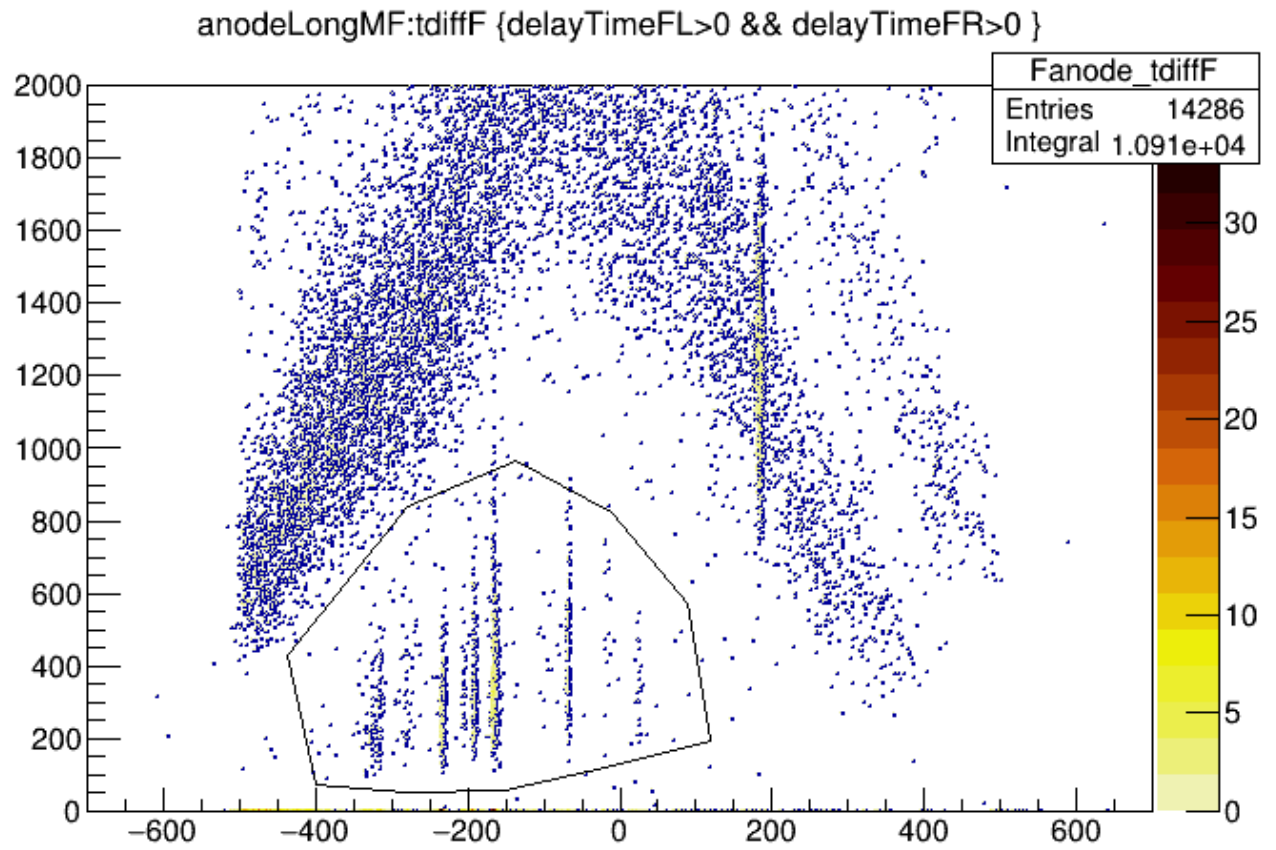


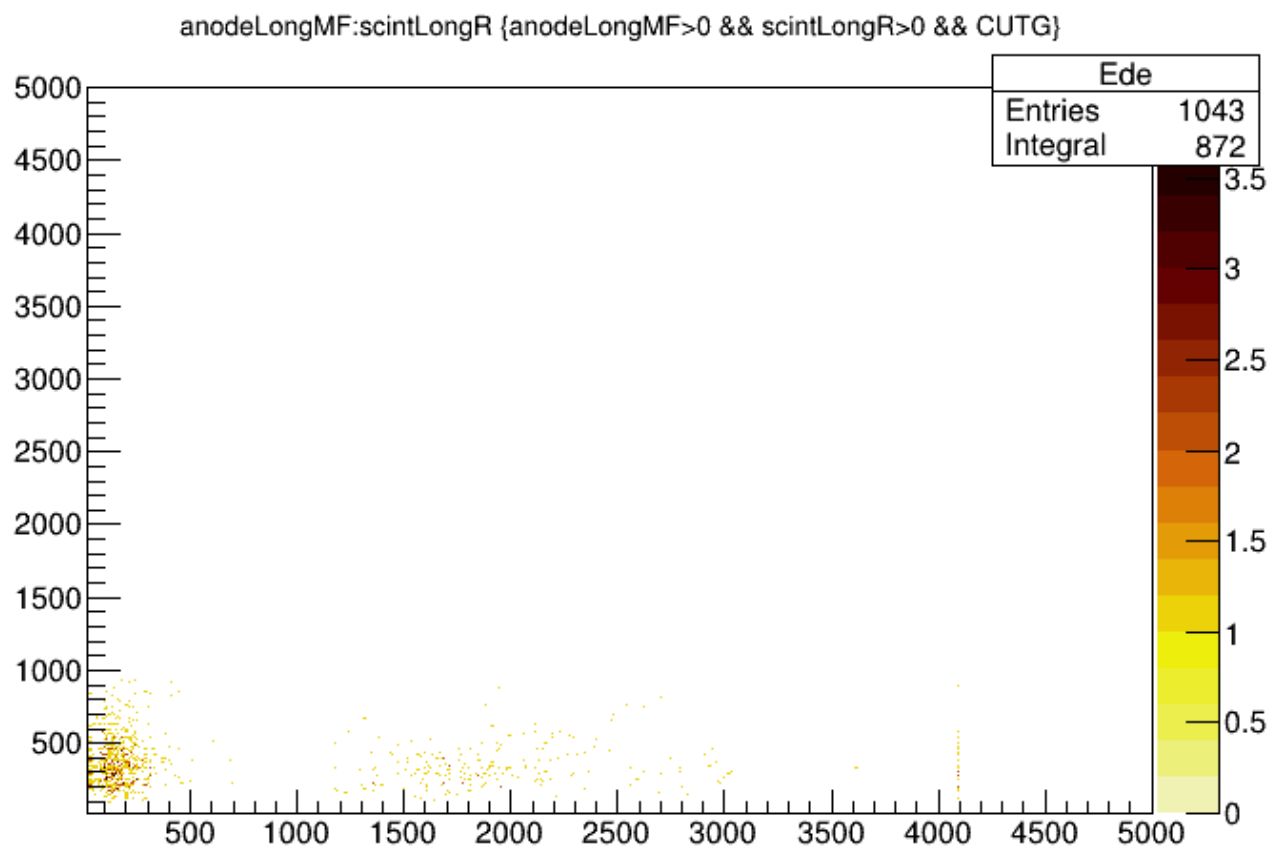
anodeLongMF:tdiffF {delayTimeFL>0 && delayTimeFR>0 }



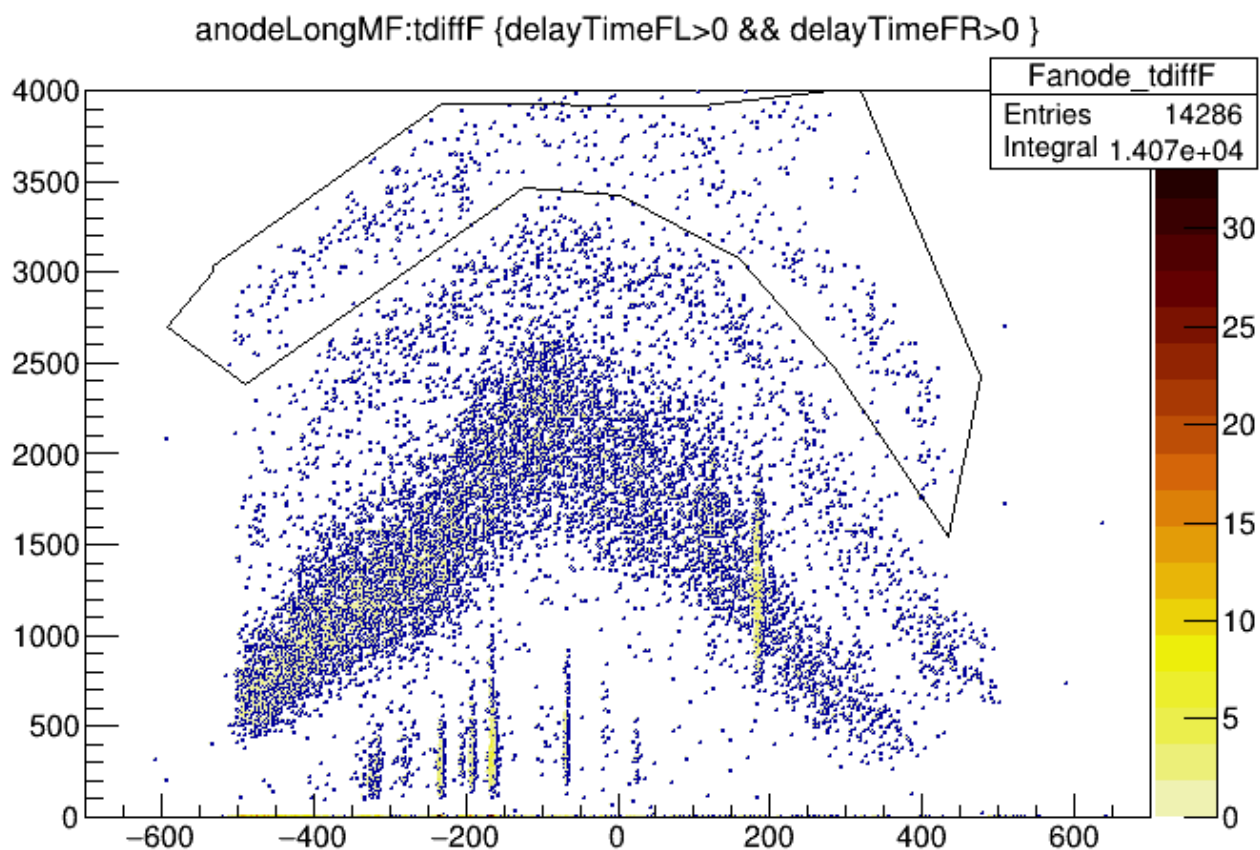
Run 116: CaF₂ target, ¹⁹F(p,α) demonstration of anode-scintillator dE-E gating.

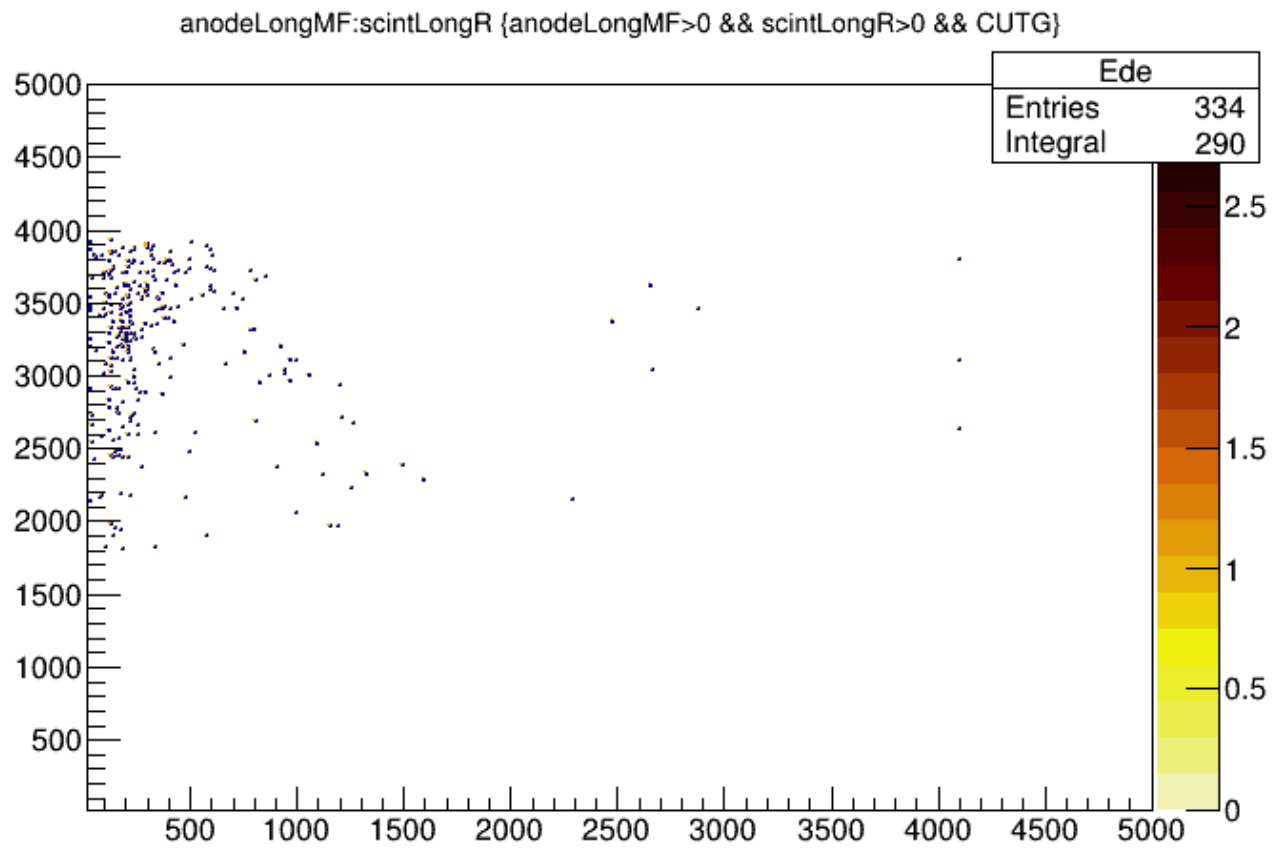
Proton-gate on run116





alpha gated





alpha gated de-E for run 116(above)