<u>×10<sup>3</sup></u> time\_diff\_event\_no\_chan5 180 **Event number Entries** -4.345Mean x Mean y 1.18e+05 160 Std Dev x 0.03898 Std Dev y 4.338e+04 0.7 140 0.6 120 0.5 0.4 100 0.3 0.2 80 0.1 60 0 -4.36 -4.32 -4.4-4.38-4.34-4.3 $\Delta~t_{\text{LGAD-SiPM}}$ 

Time difference vs entry number, Sep 2017 batch 406, channel 5, sensor: W4-S215