200 × 10³ time_diff_event_no_chan3 **Event number Entries** Mean x -12.361.377e+05 Mean y 180 Std Dev x 0.04662 Std Dev y 5.208e+04 0.7 160 0.6 140 0.5 0.4 120 0.3 0.2 100 0.1 80 0 -12.4 -12.38 -12.34-12.32-12.36 $\Delta~t_{\text{LGAD-SIPM}}$ (ns)

Time difference vs entry number, Sep 2017 batch 706, channel 3, sensor: W4-S1022