HG_Chip3_channel4_Pedestal_TS4_Subtract_mean_and_RMS.pdf χ^2 / ndf 0.1478 / 9 30 Mean and RMS (PED subtrction) -12.3 ± 7.971 p0 **p1** 0.0003222 ± 0.002941 20 10 0 -10-20-30 500 1500 2500 3000 3500 4000 1000 2000 dac