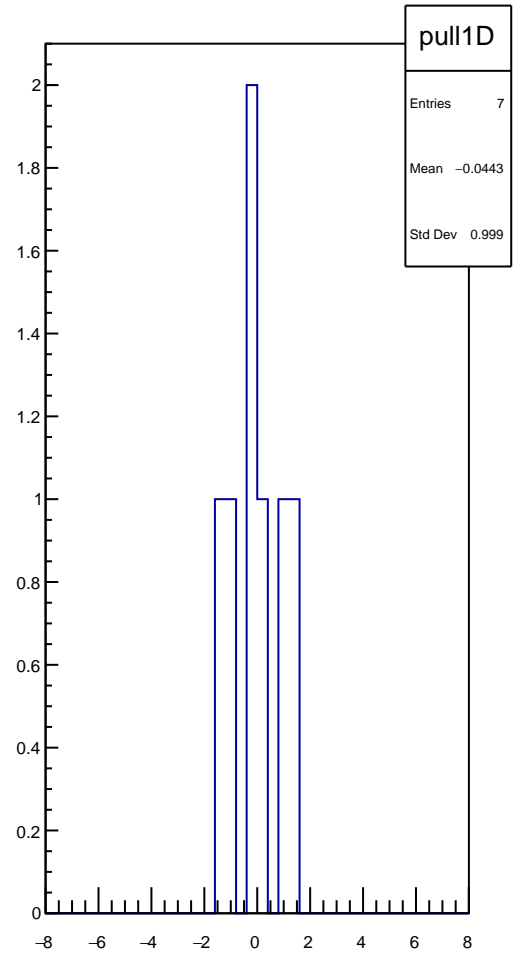
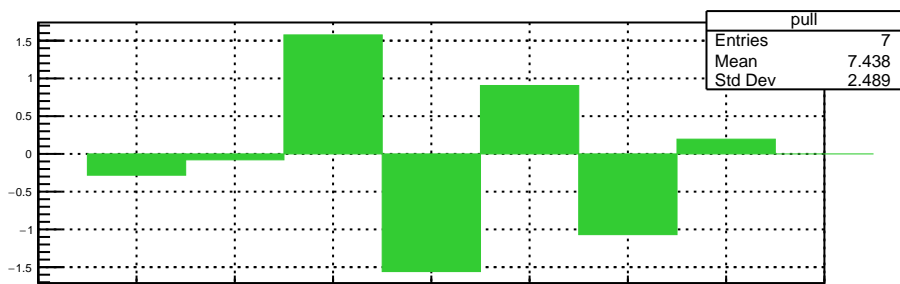
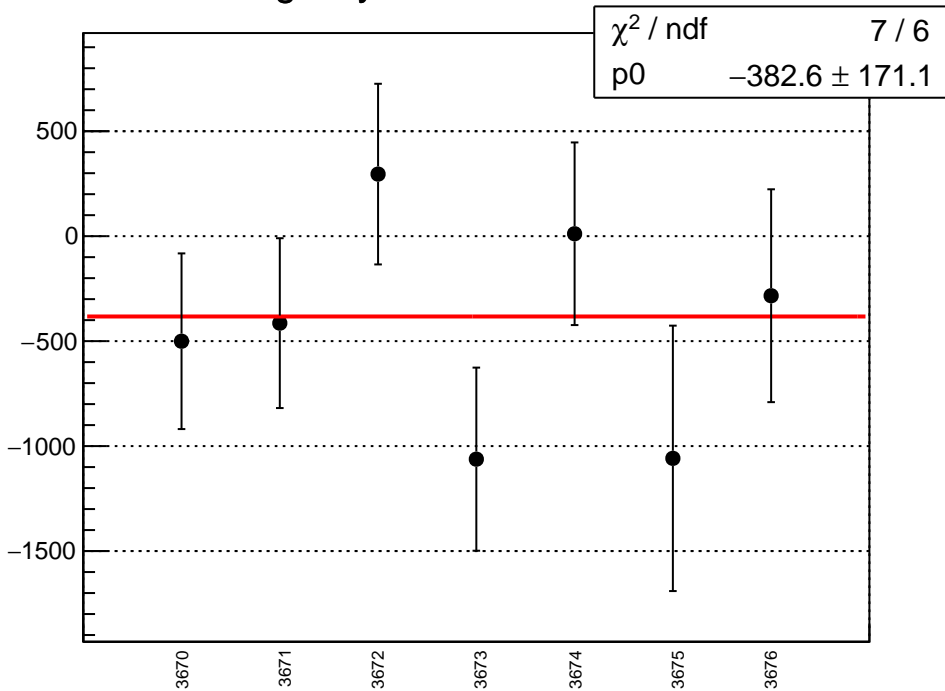
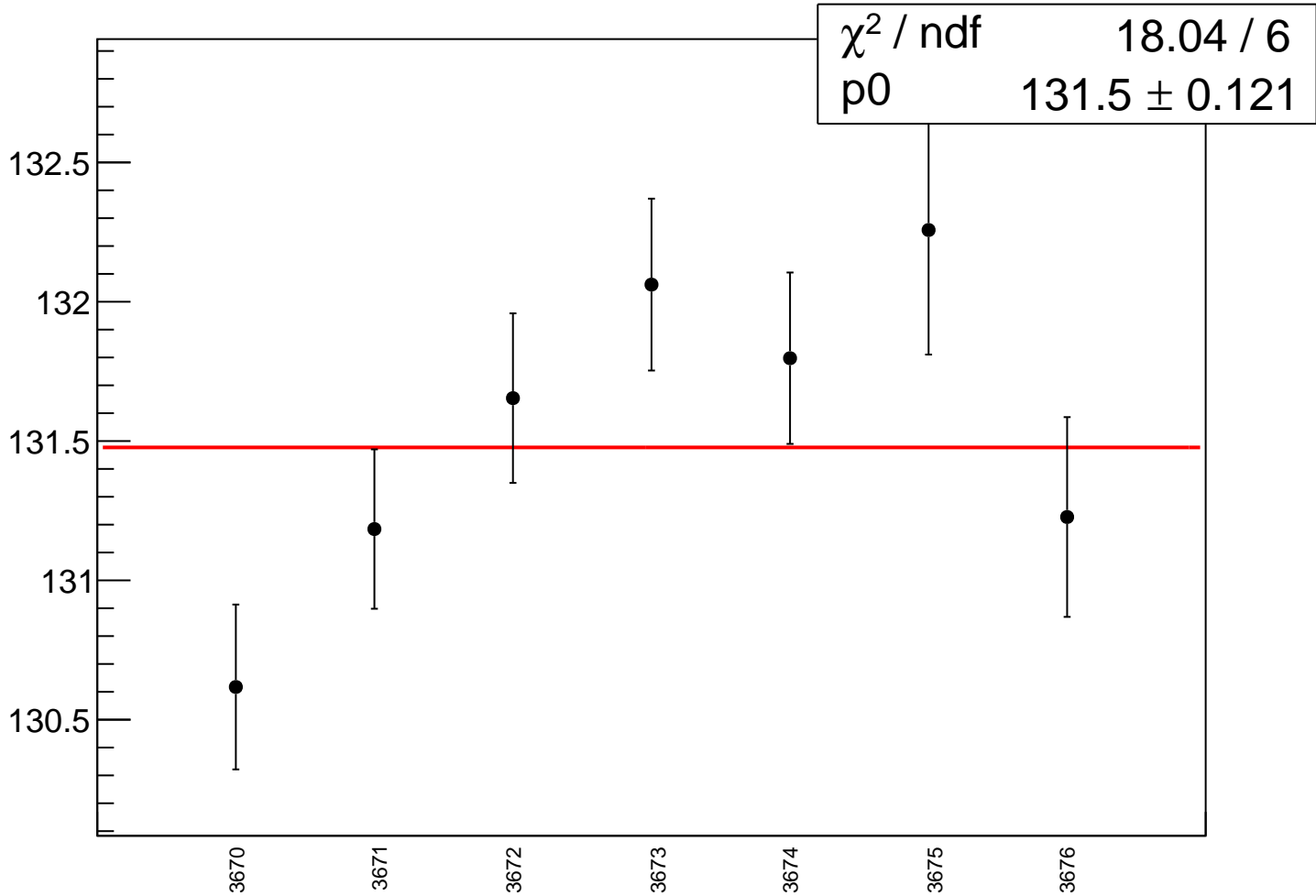


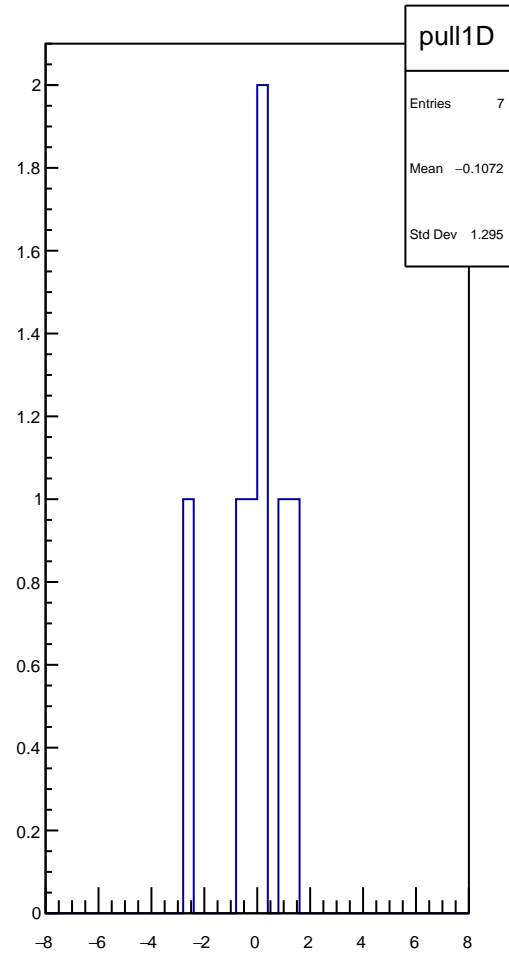
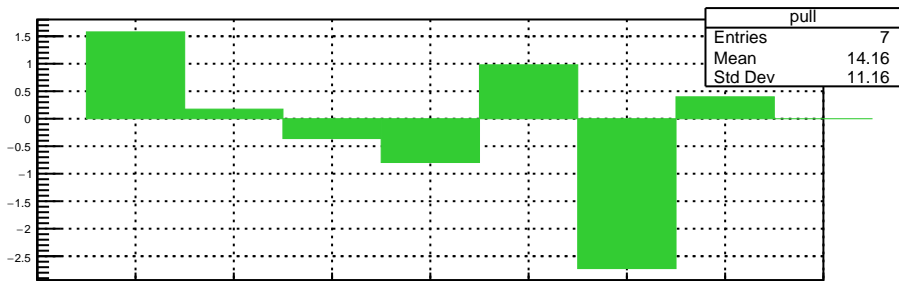
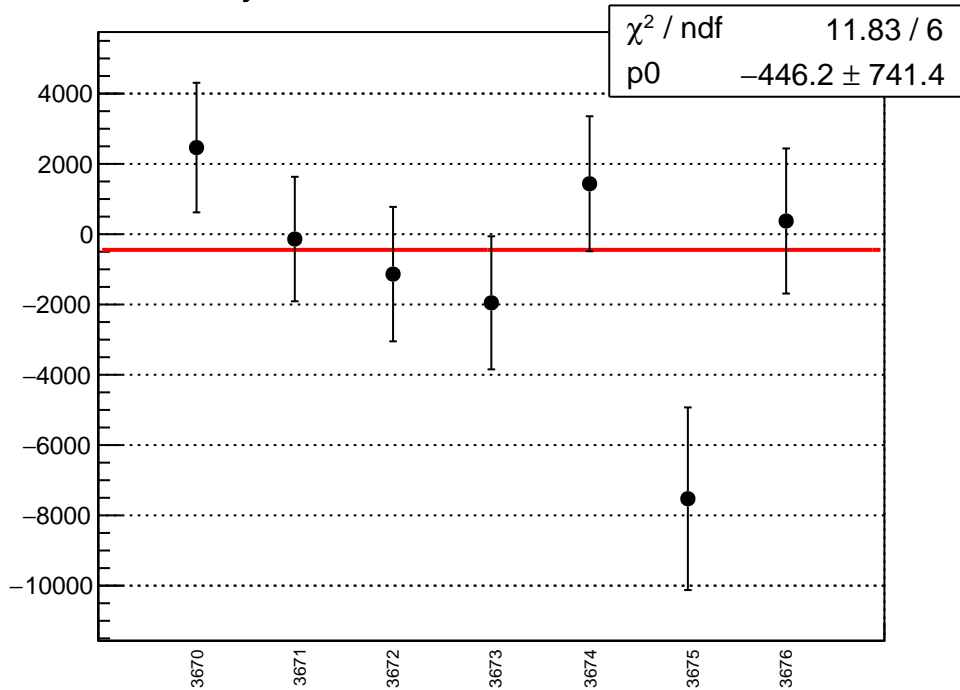
reg_asym_usl_mean vs run



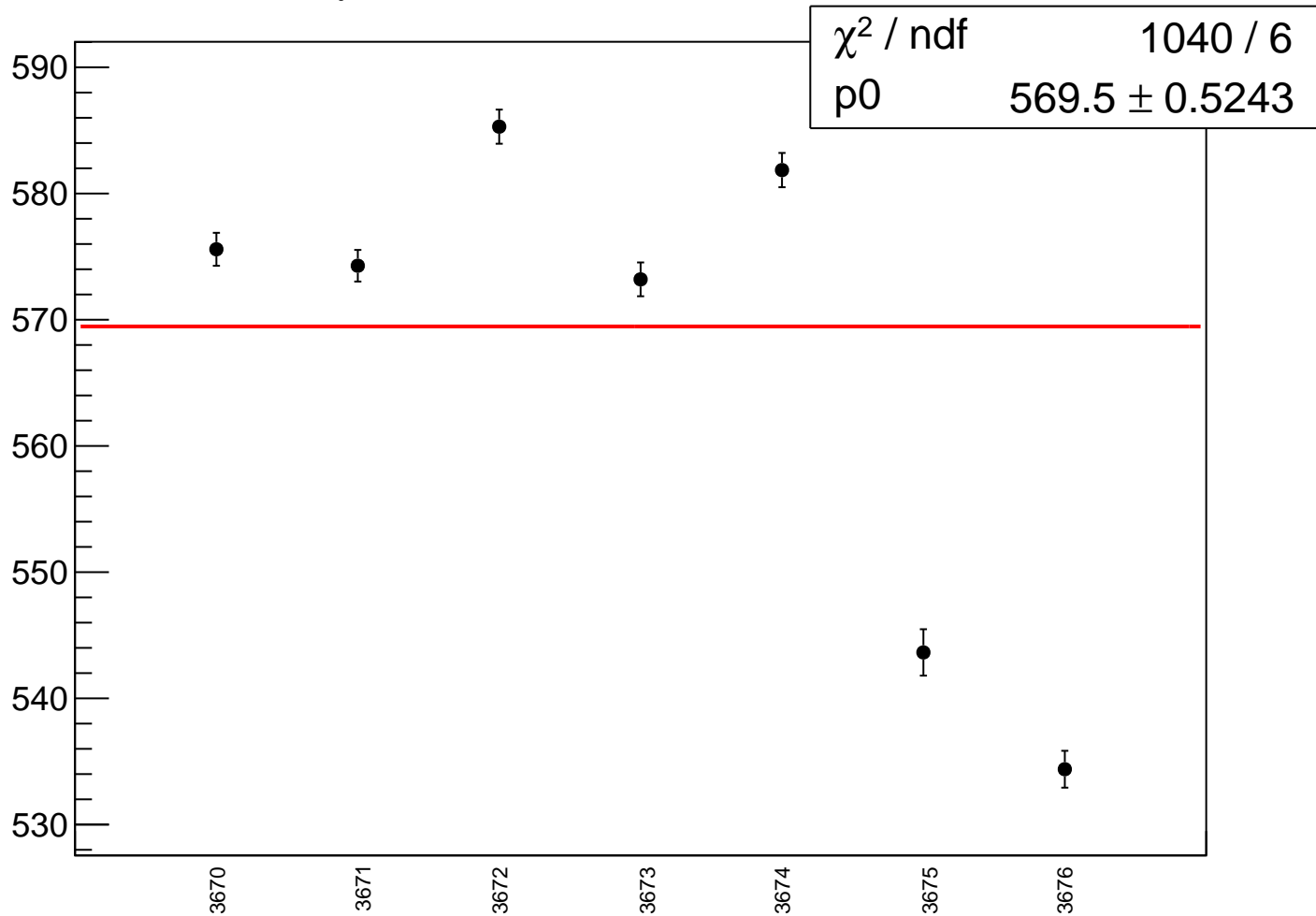
reg_asym_usl_rms vs run



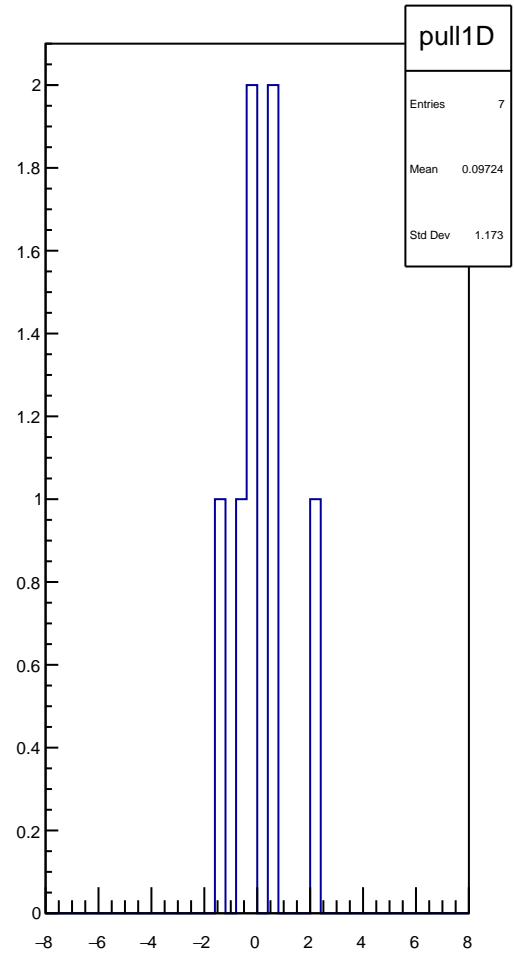
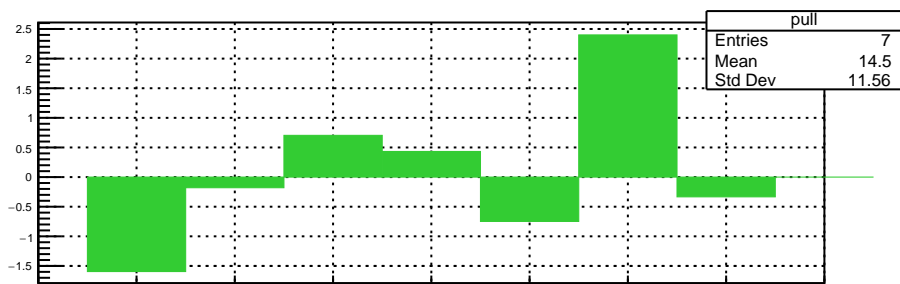
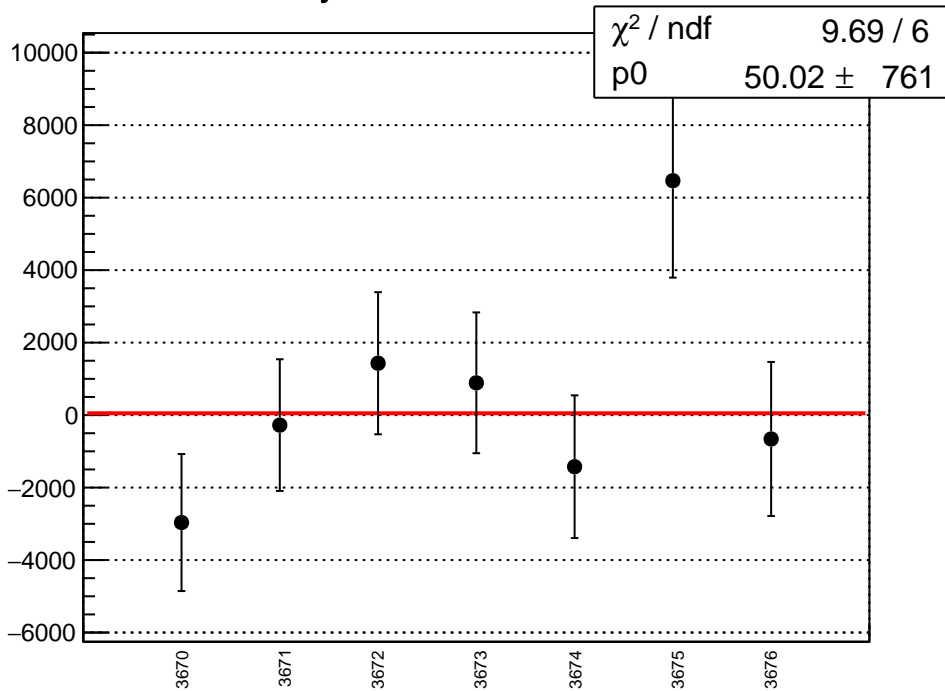
asym_usl_correction_mean vs run



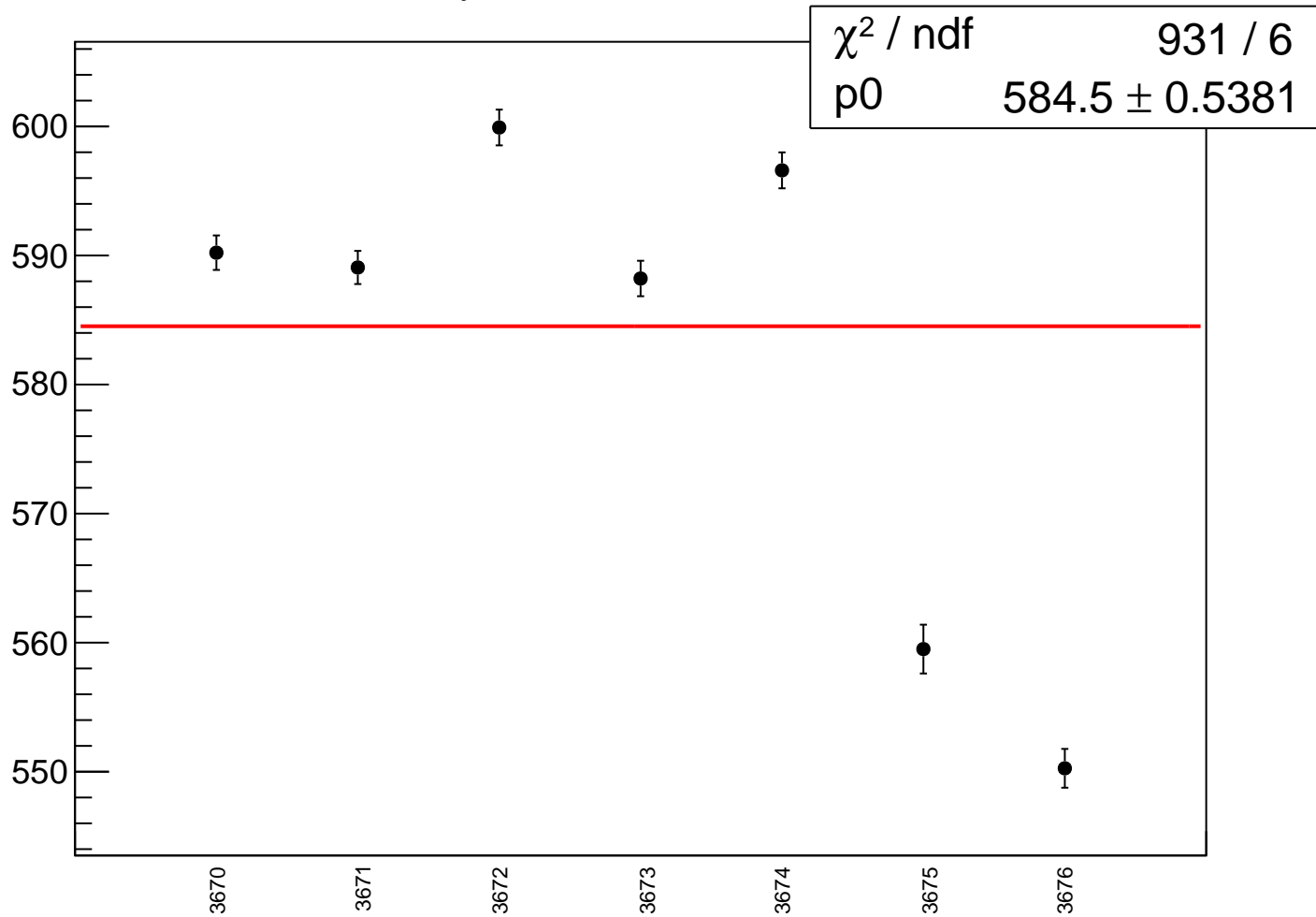
asym_usl_correction_rms vs run



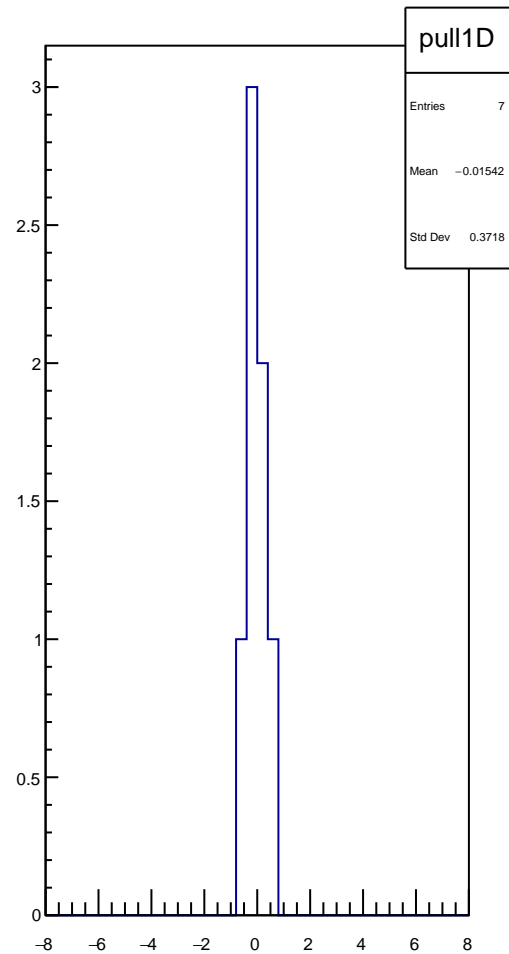
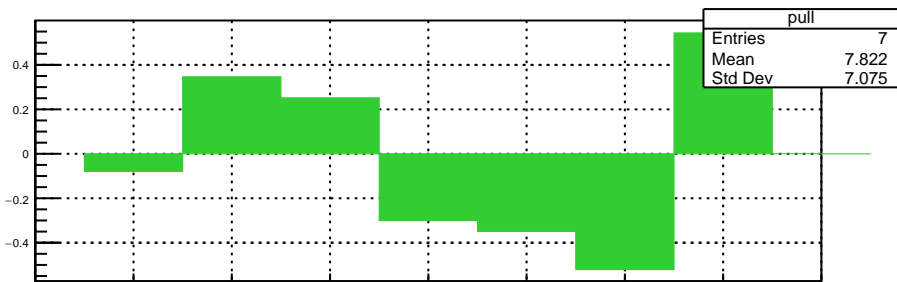
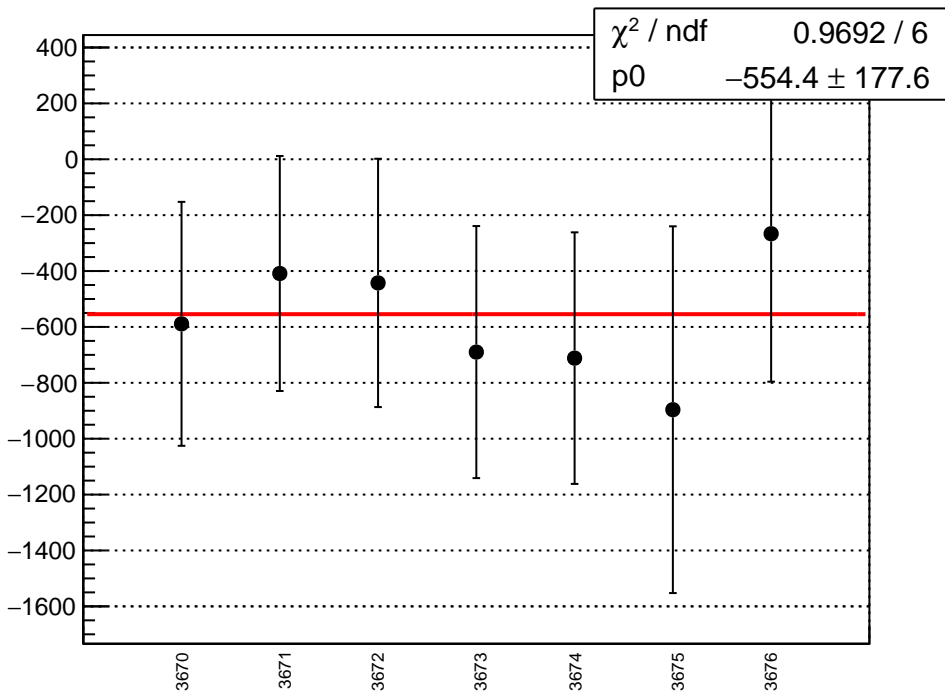
asym_usl_mean vs run



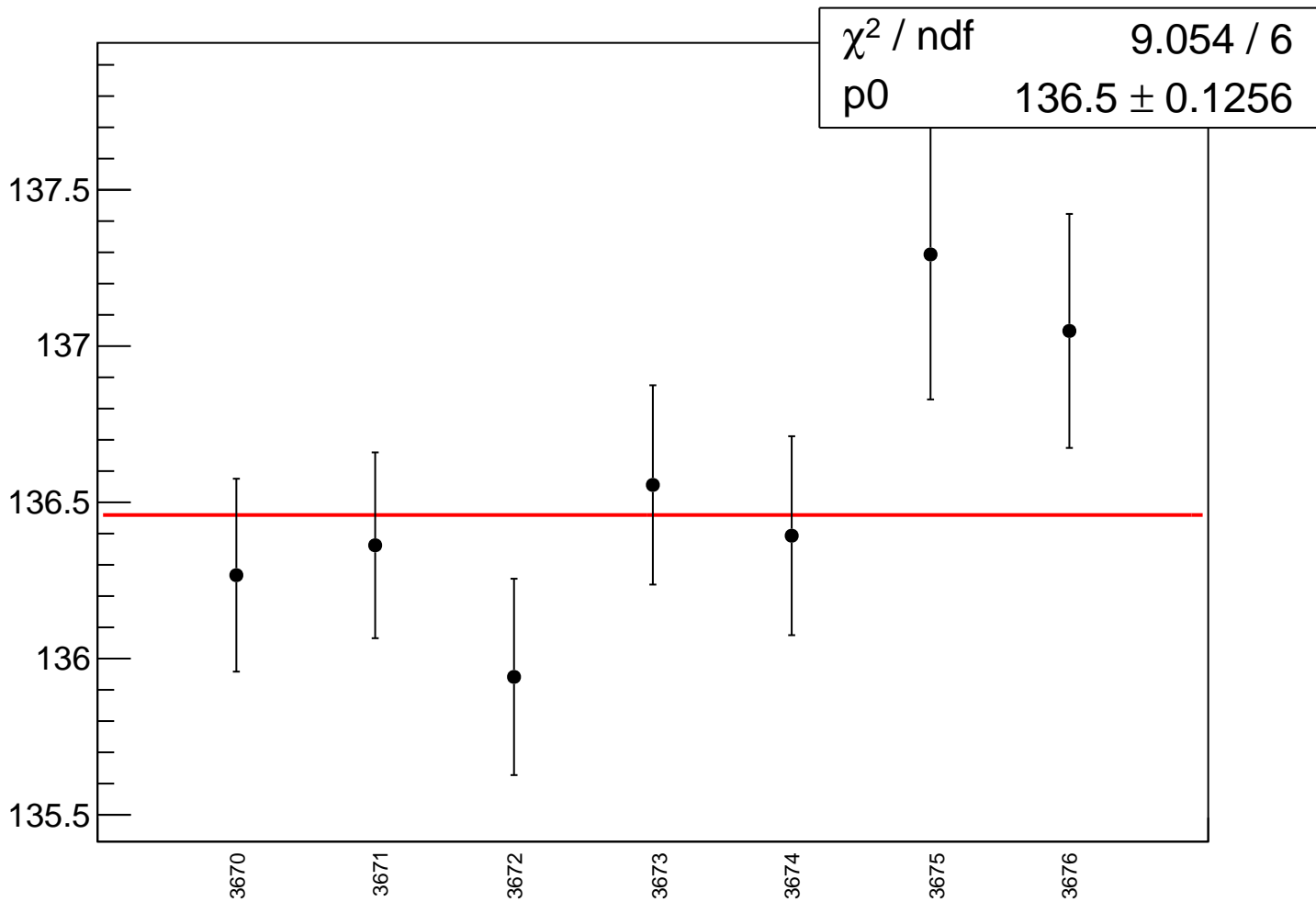
asym_usl_rms vs run



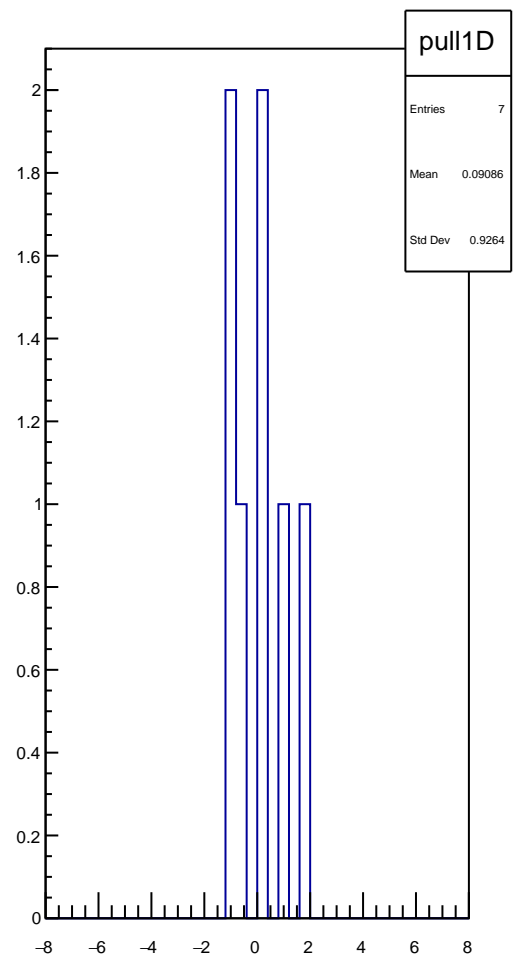
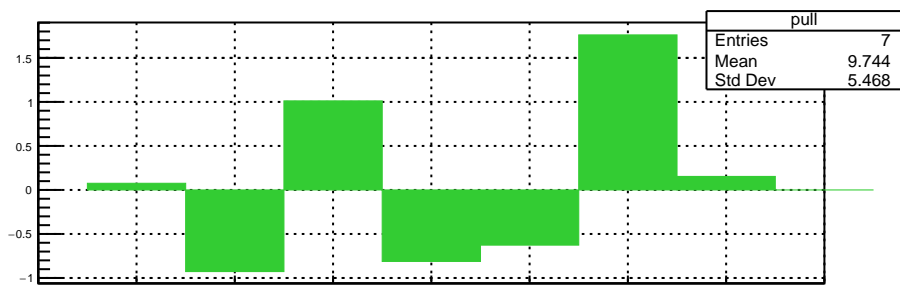
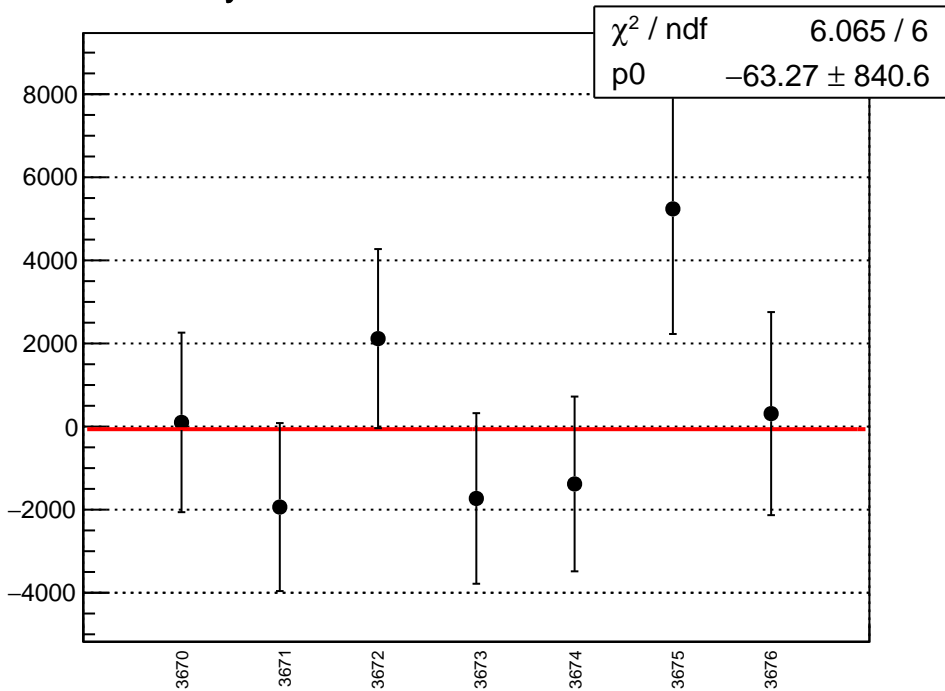
reg_asym_usr_mean vs run



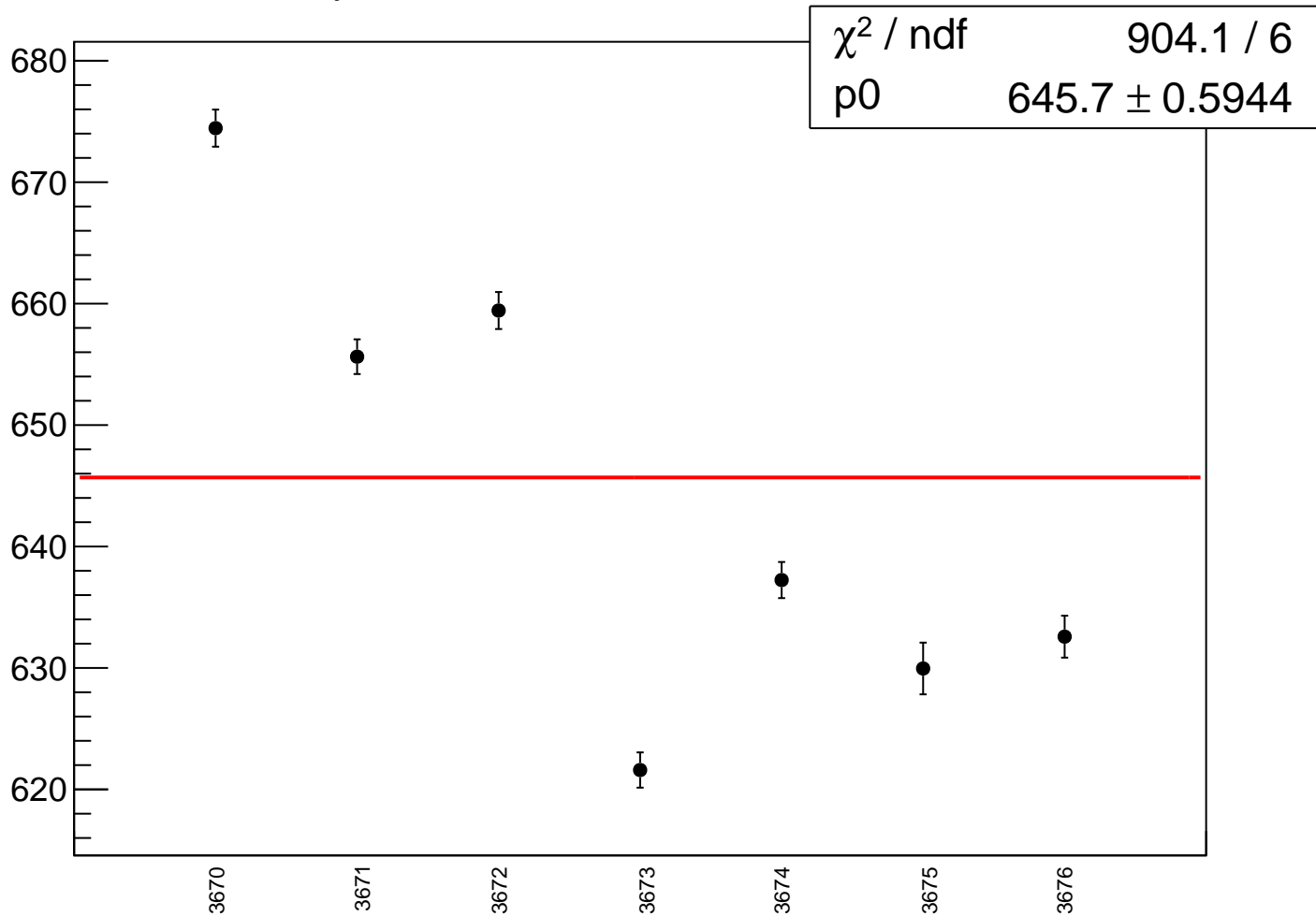
reg_asym_usr_rms vs run



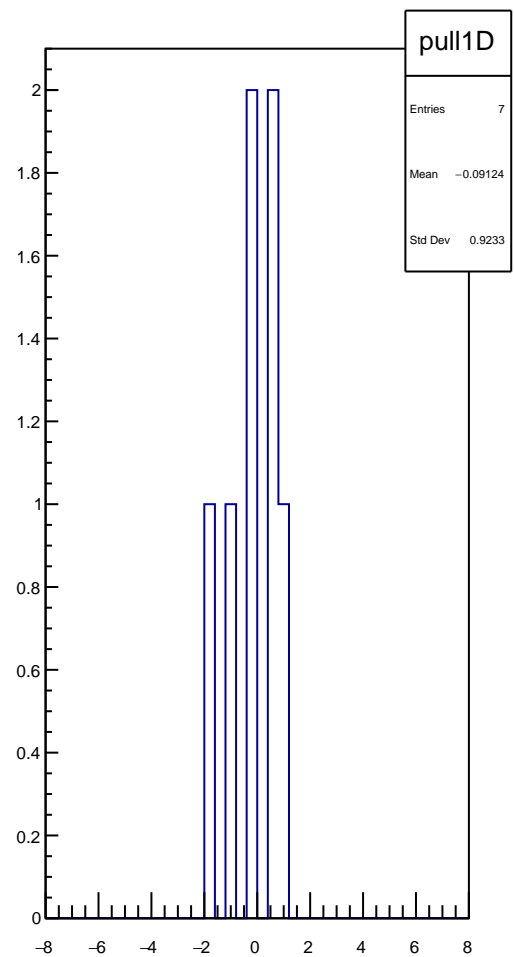
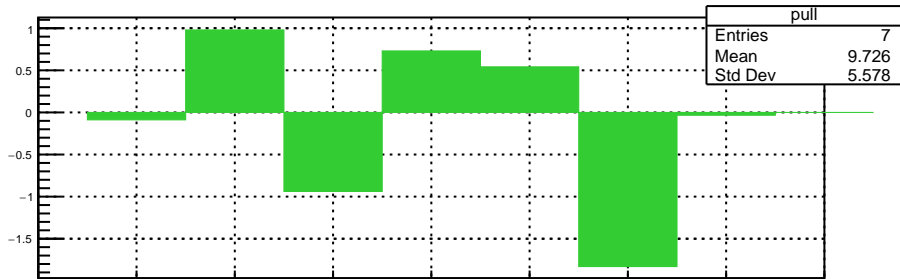
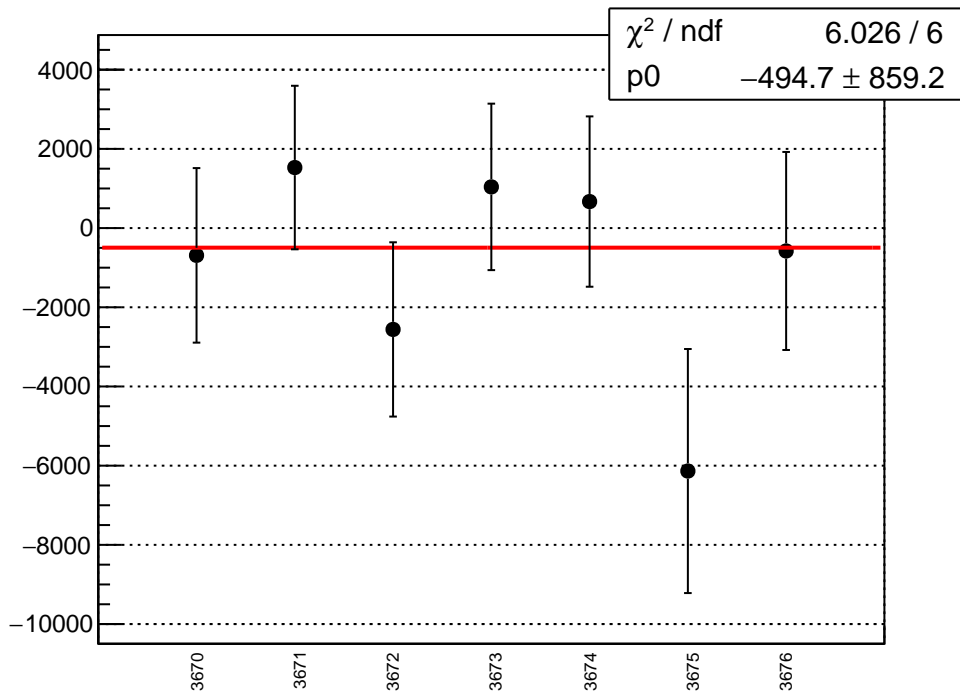
asym_usr_correction_mean vs run



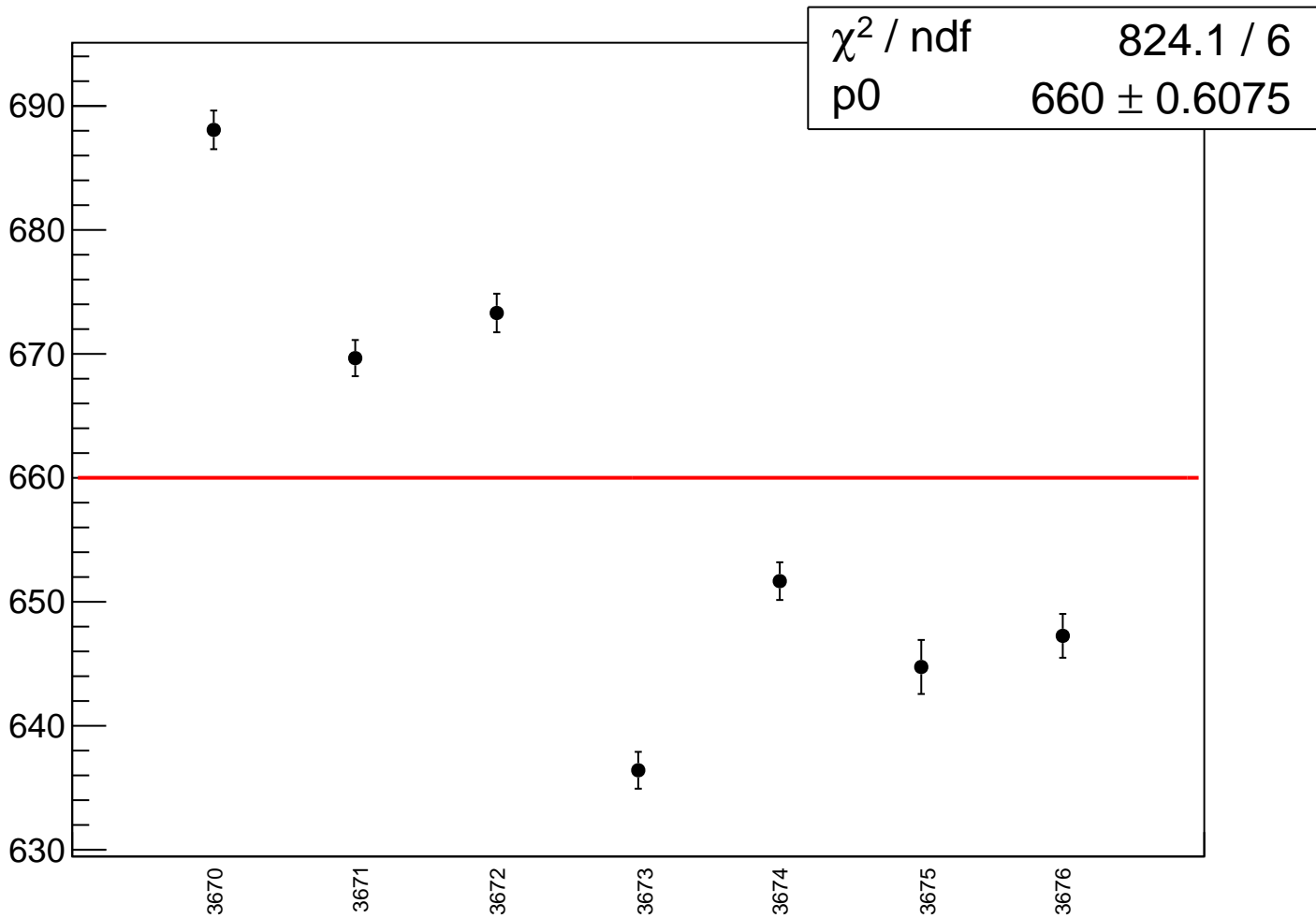
asym_usr_correction_rms vs run



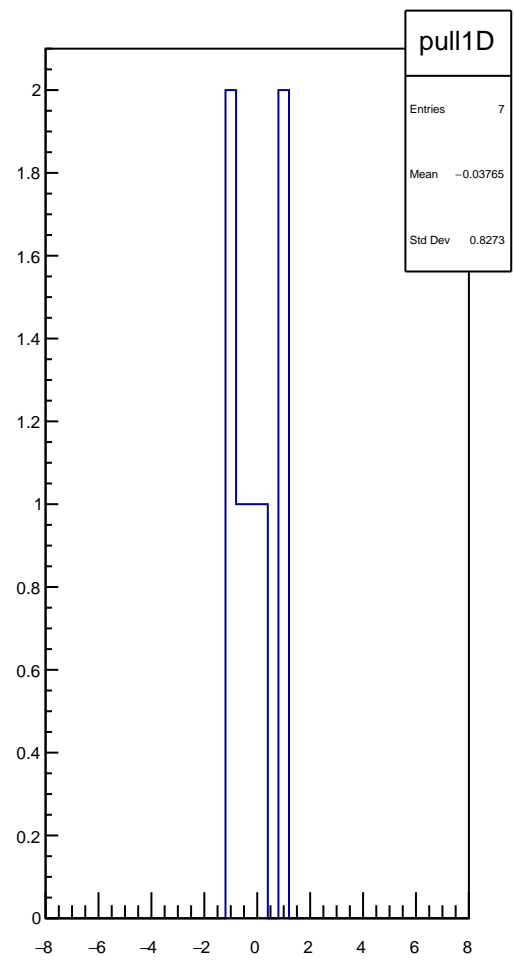
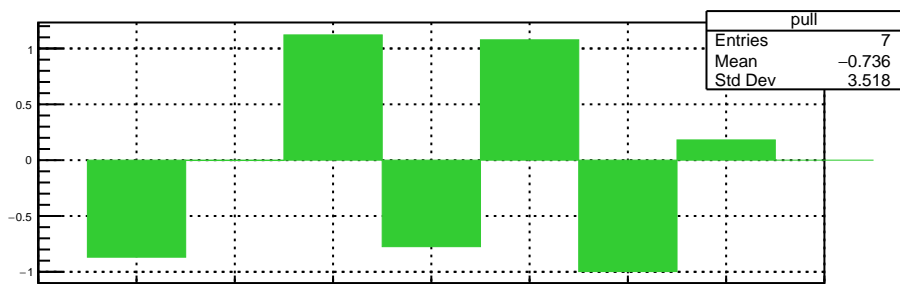
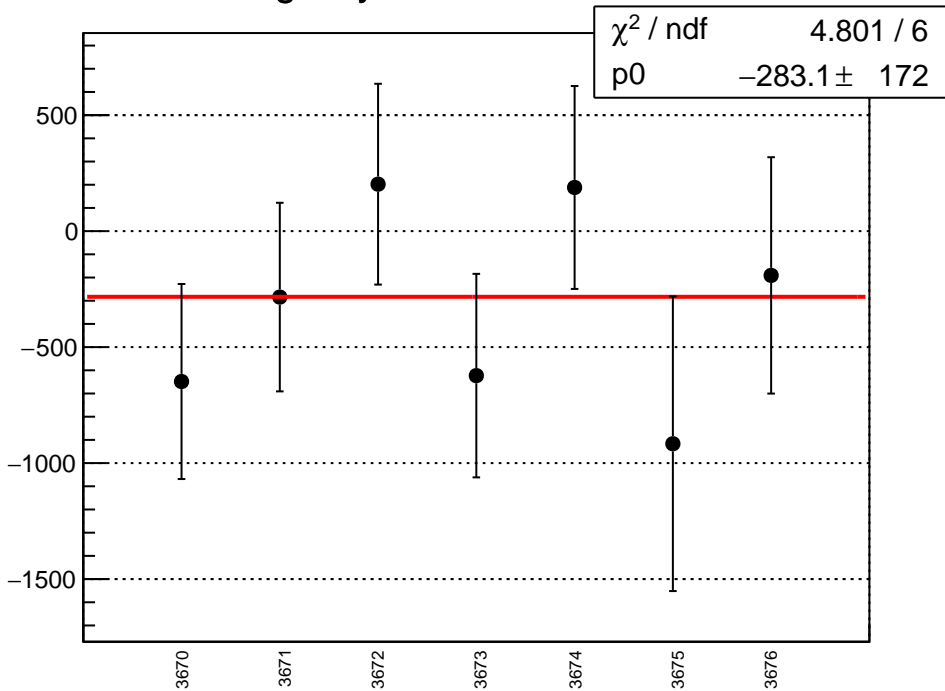
asym_usr_mean vs run



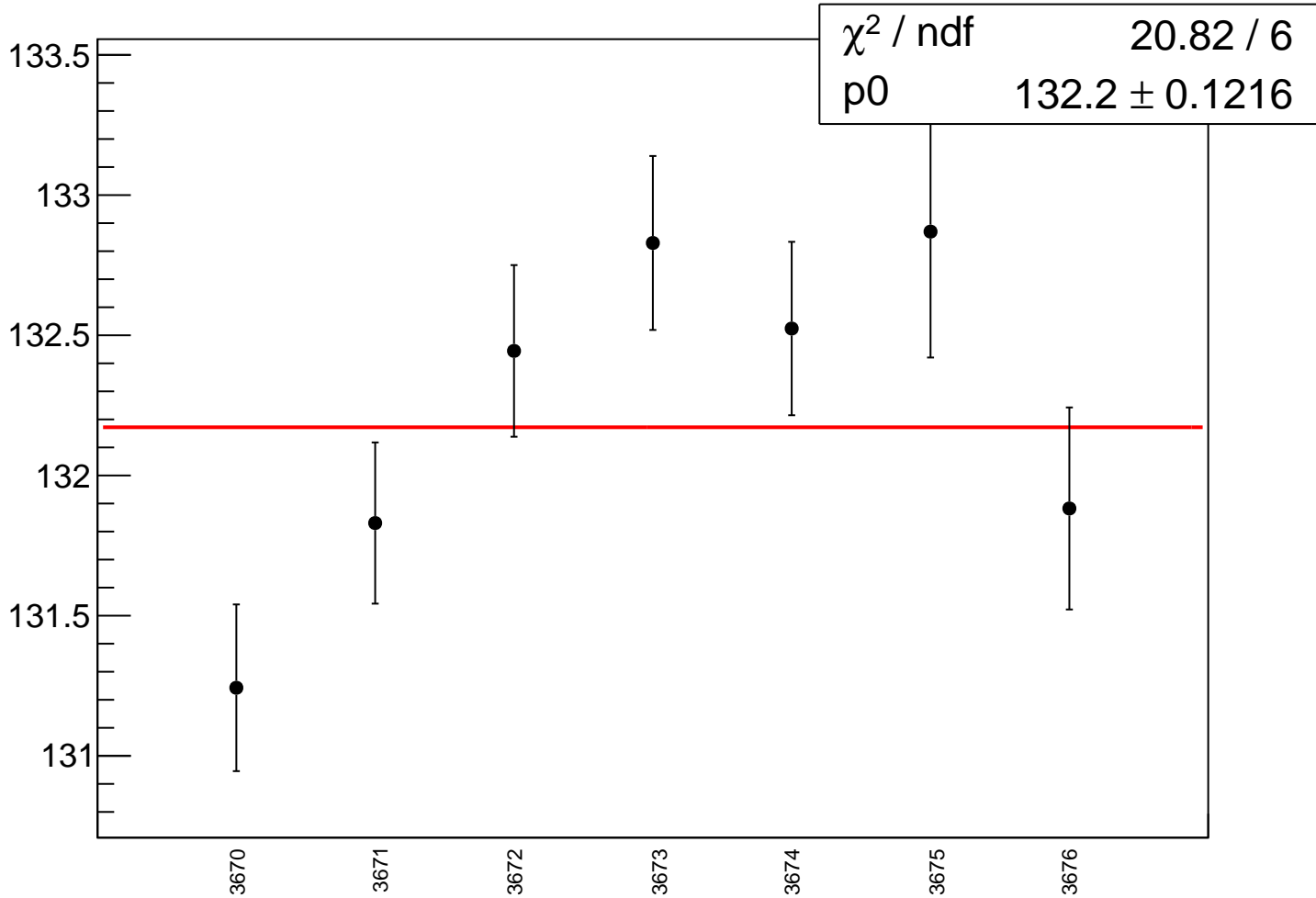
asym_usr_rms vs run



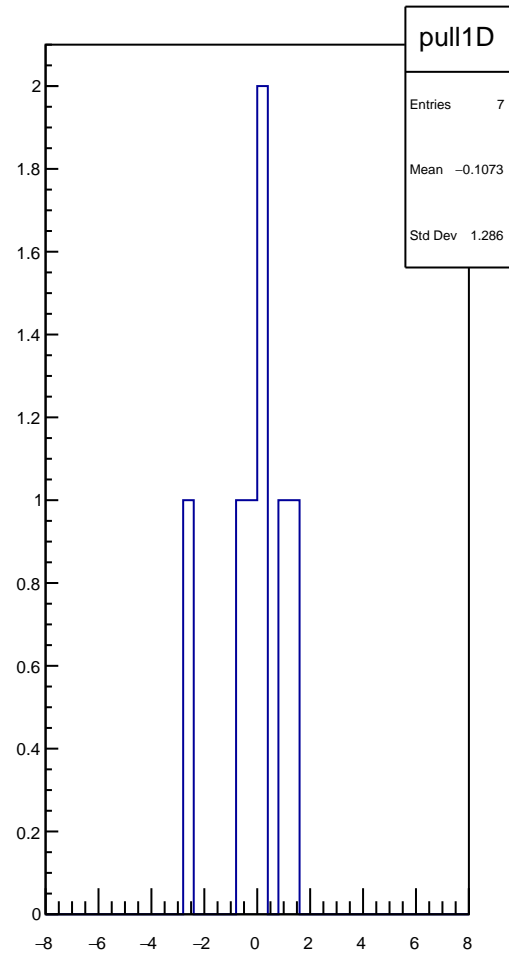
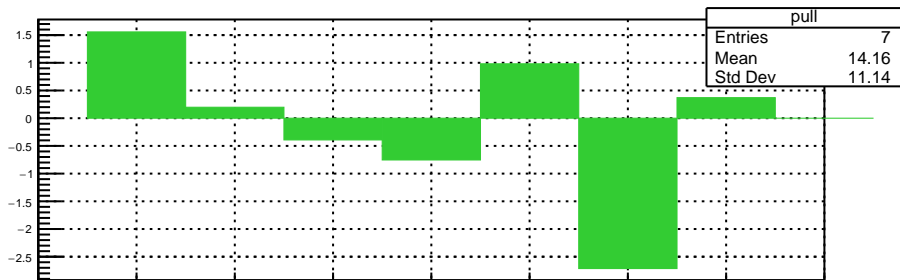
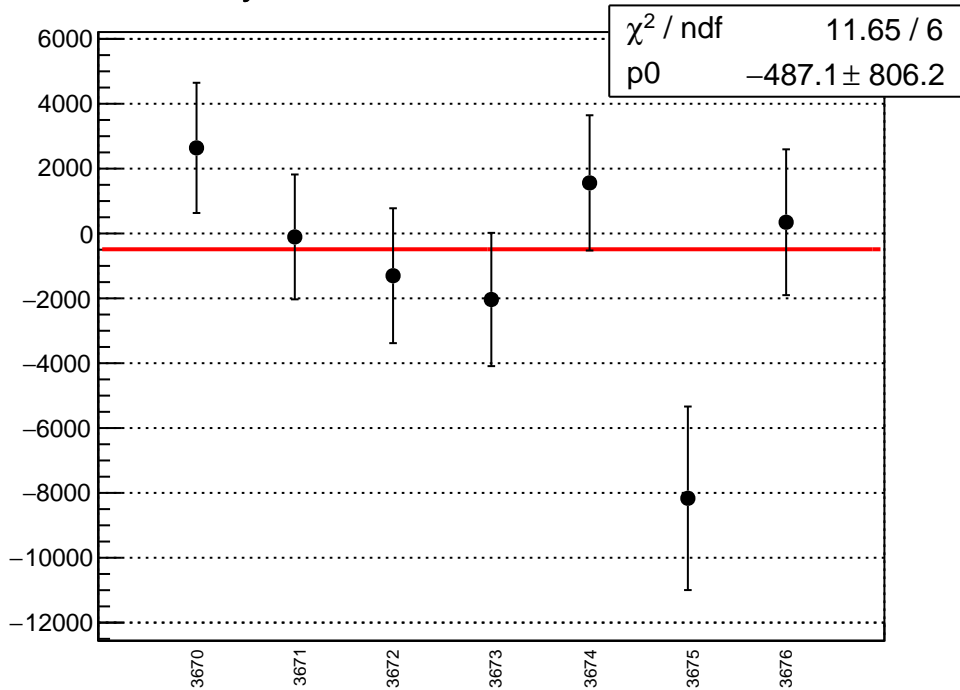
reg_asym_dsl_mean vs run



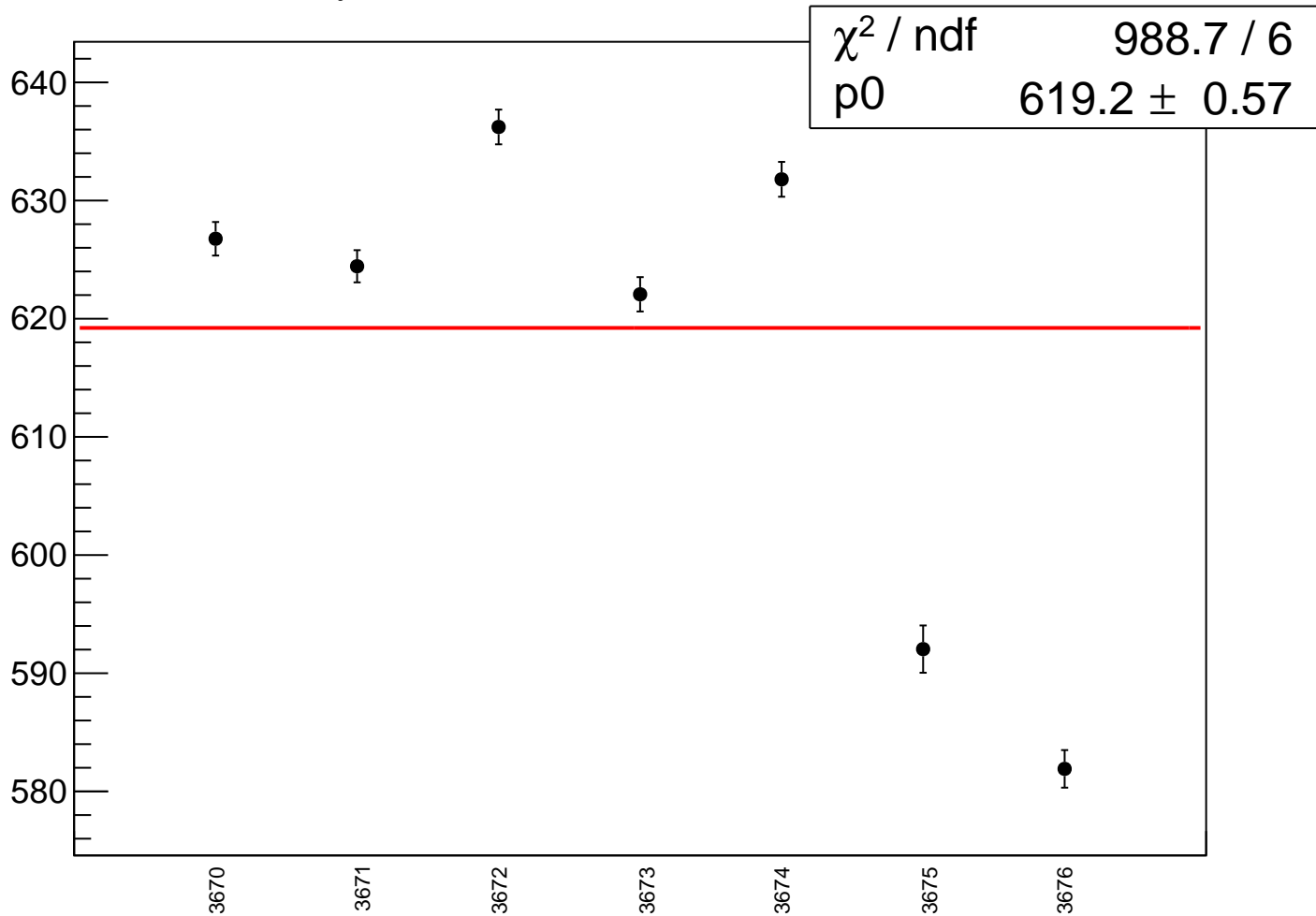
reg_asym_dsl_rms vs run



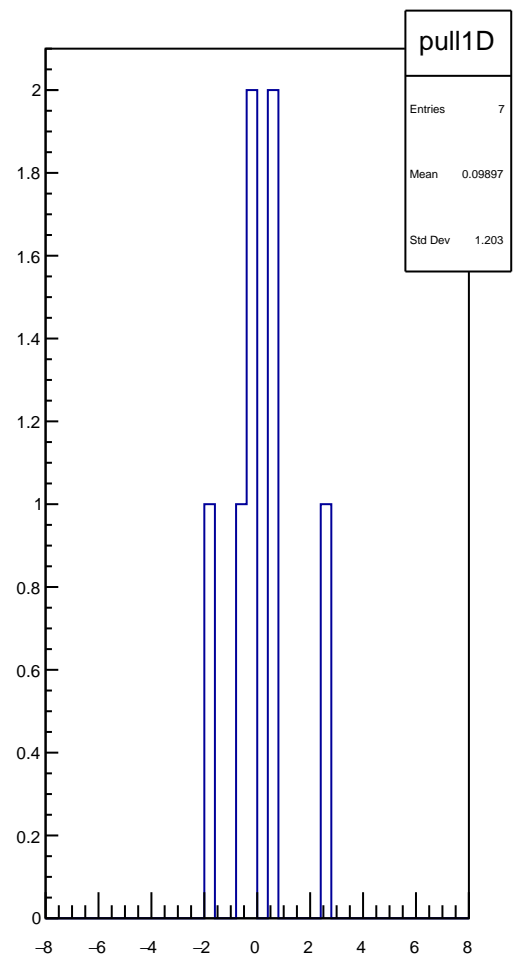
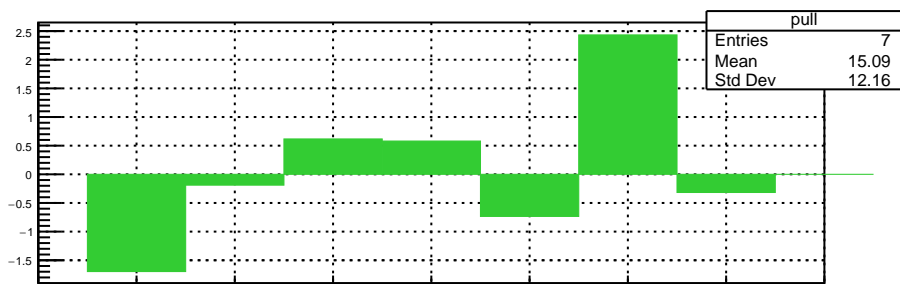
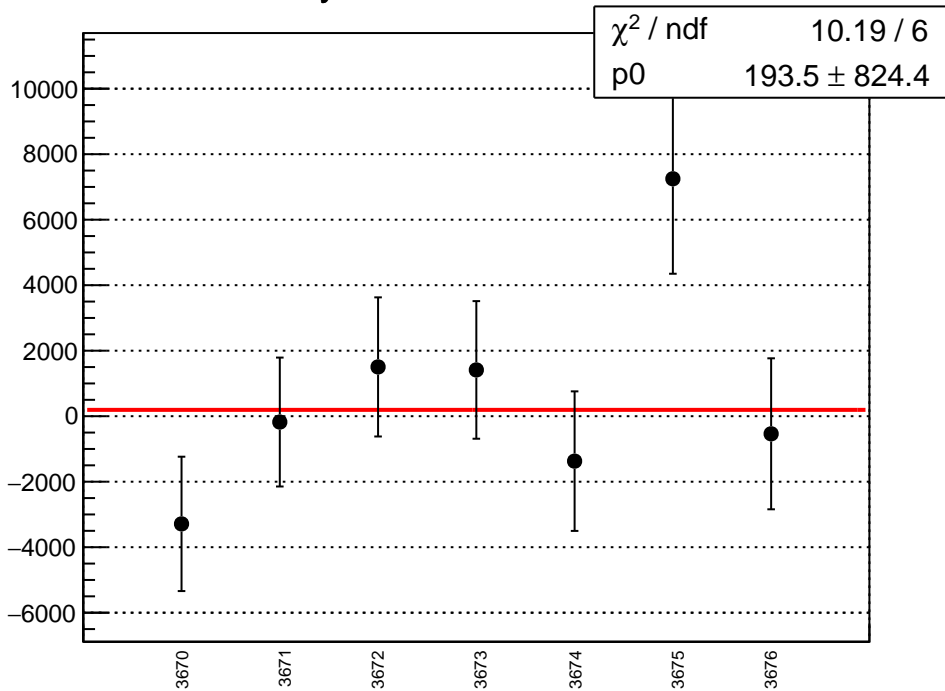
asym_dsl_correction_mean vs run



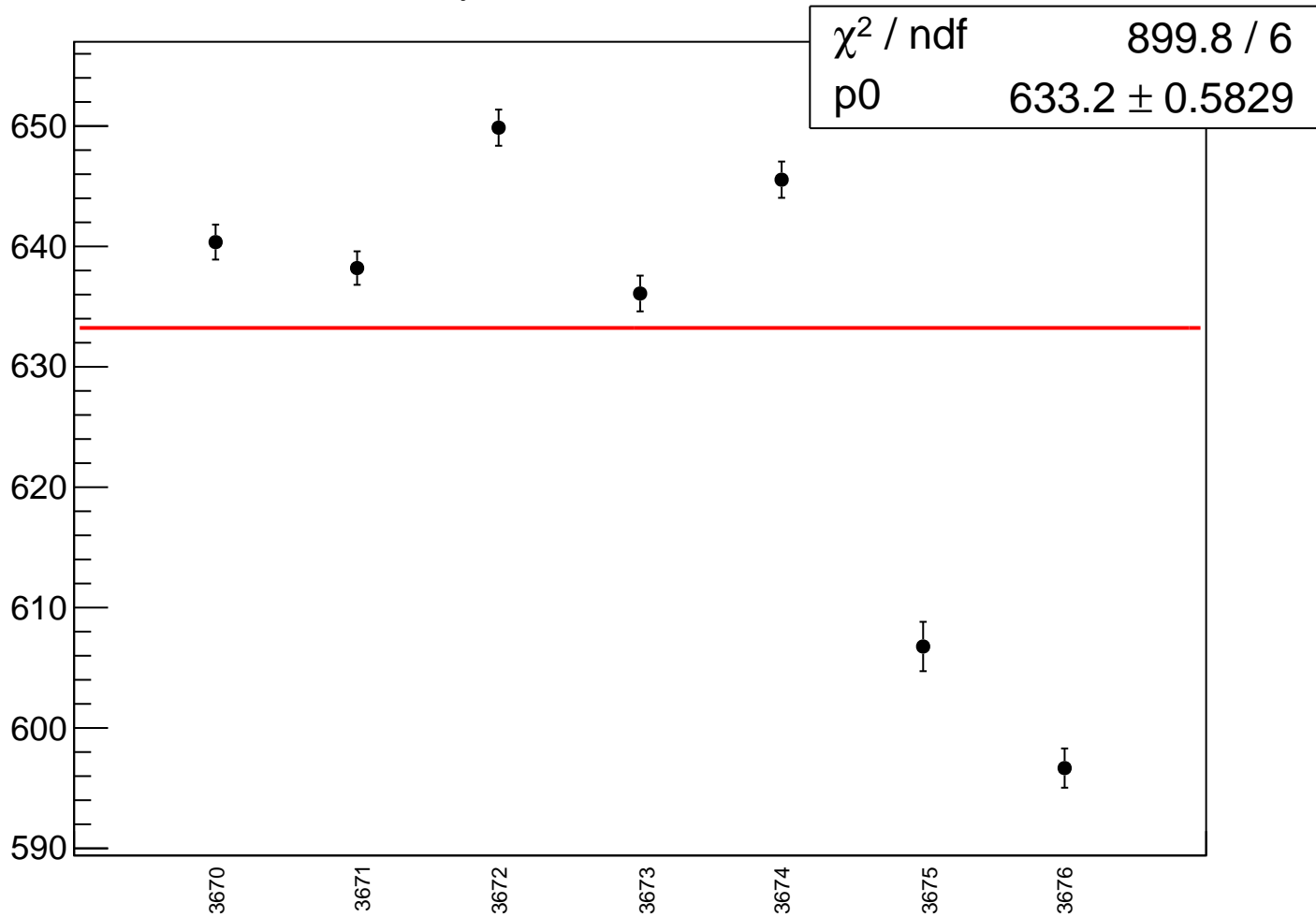
asym_dsl_correction_rms vs run



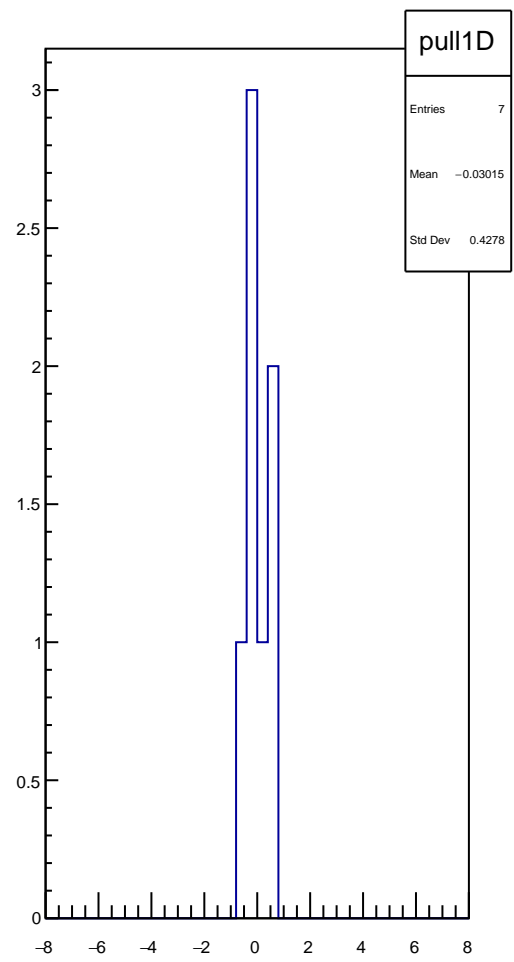
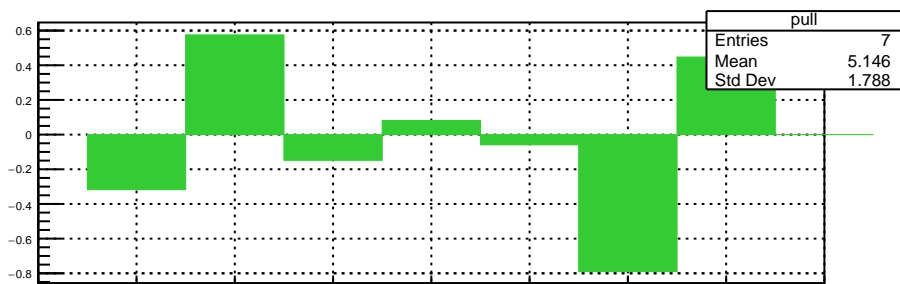
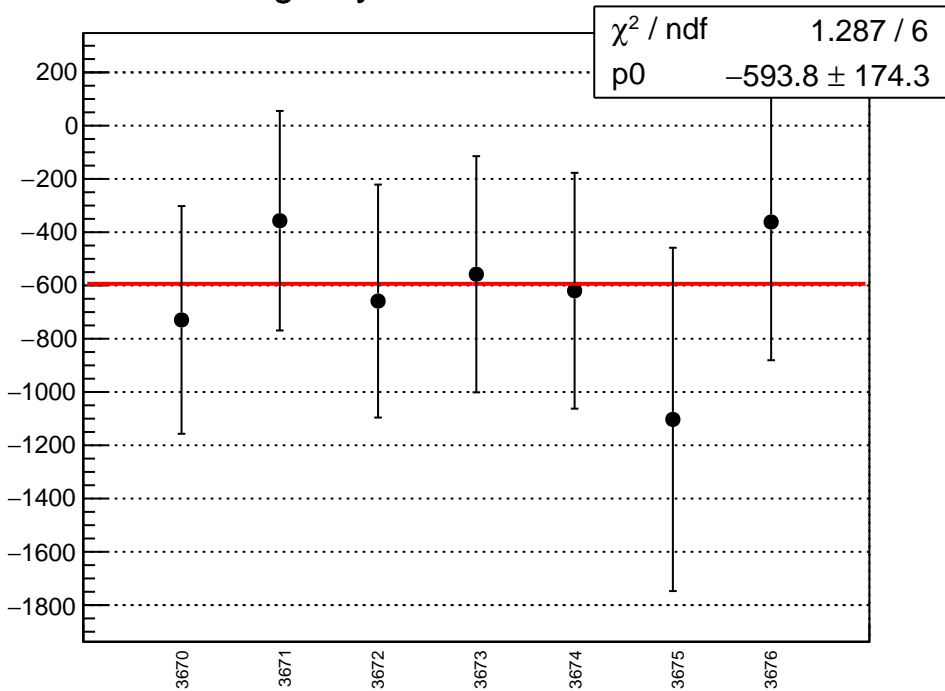
asym_dsl_mean vs run



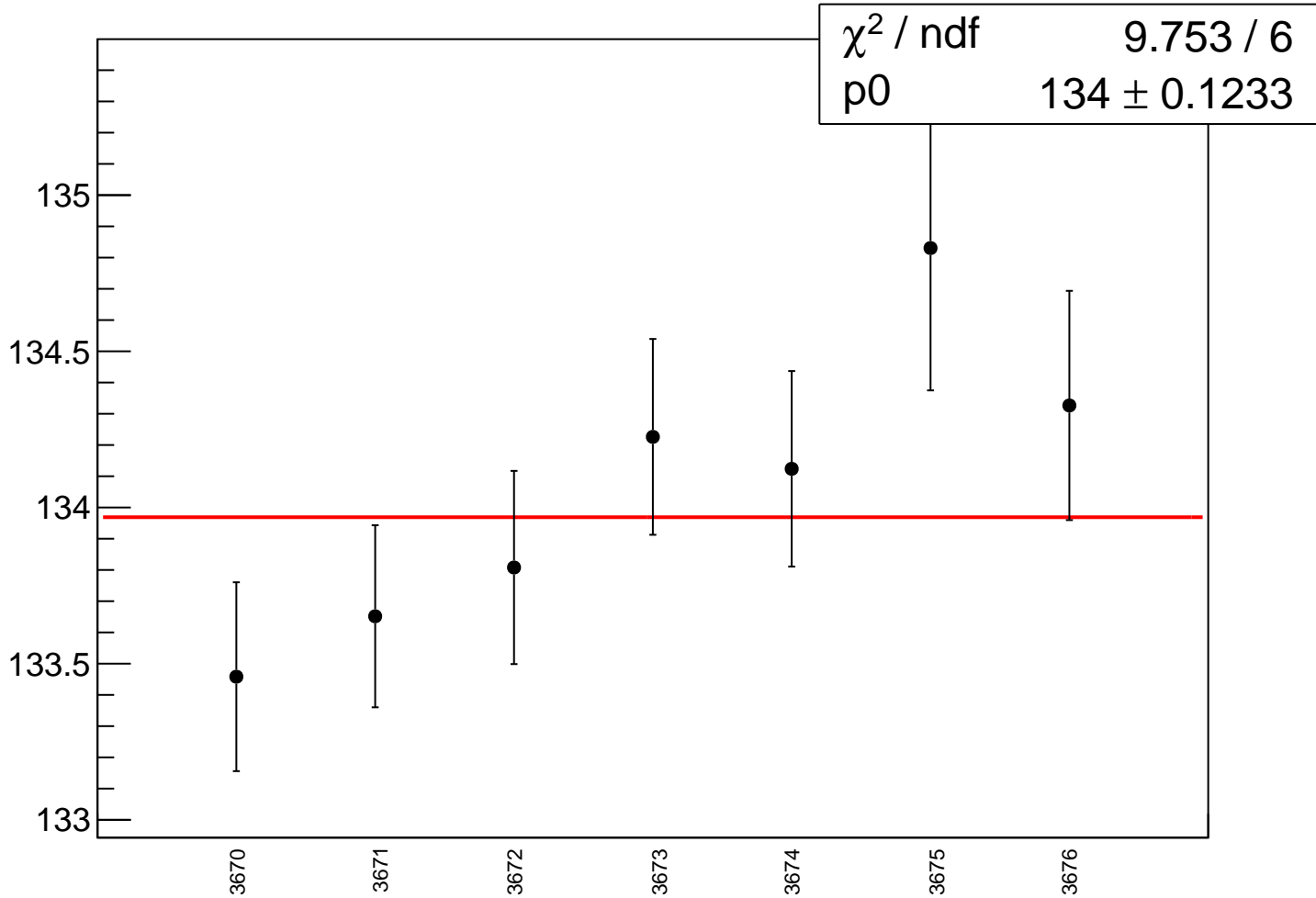
asym_dsl_rms vs run



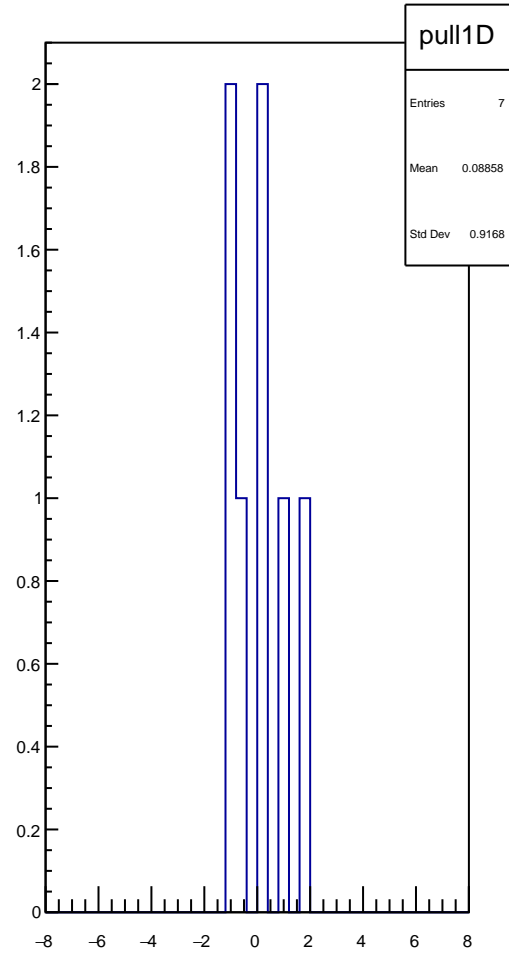
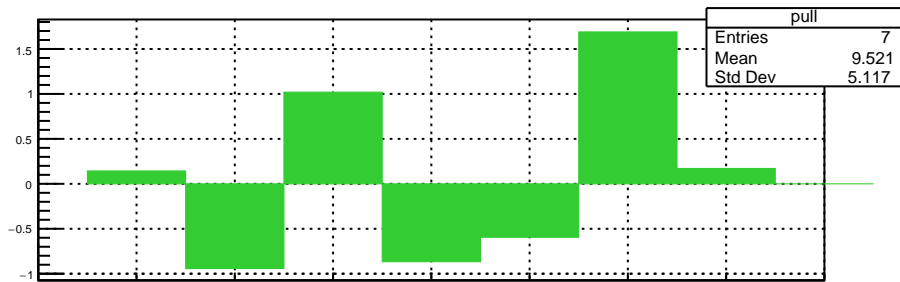
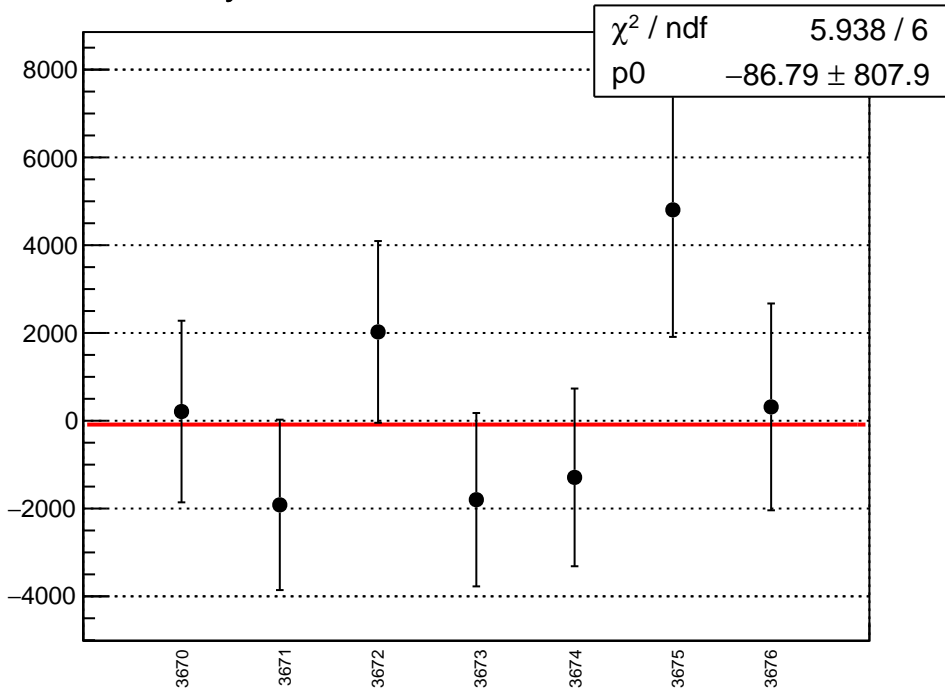
reg_asym_dsr_mean vs run



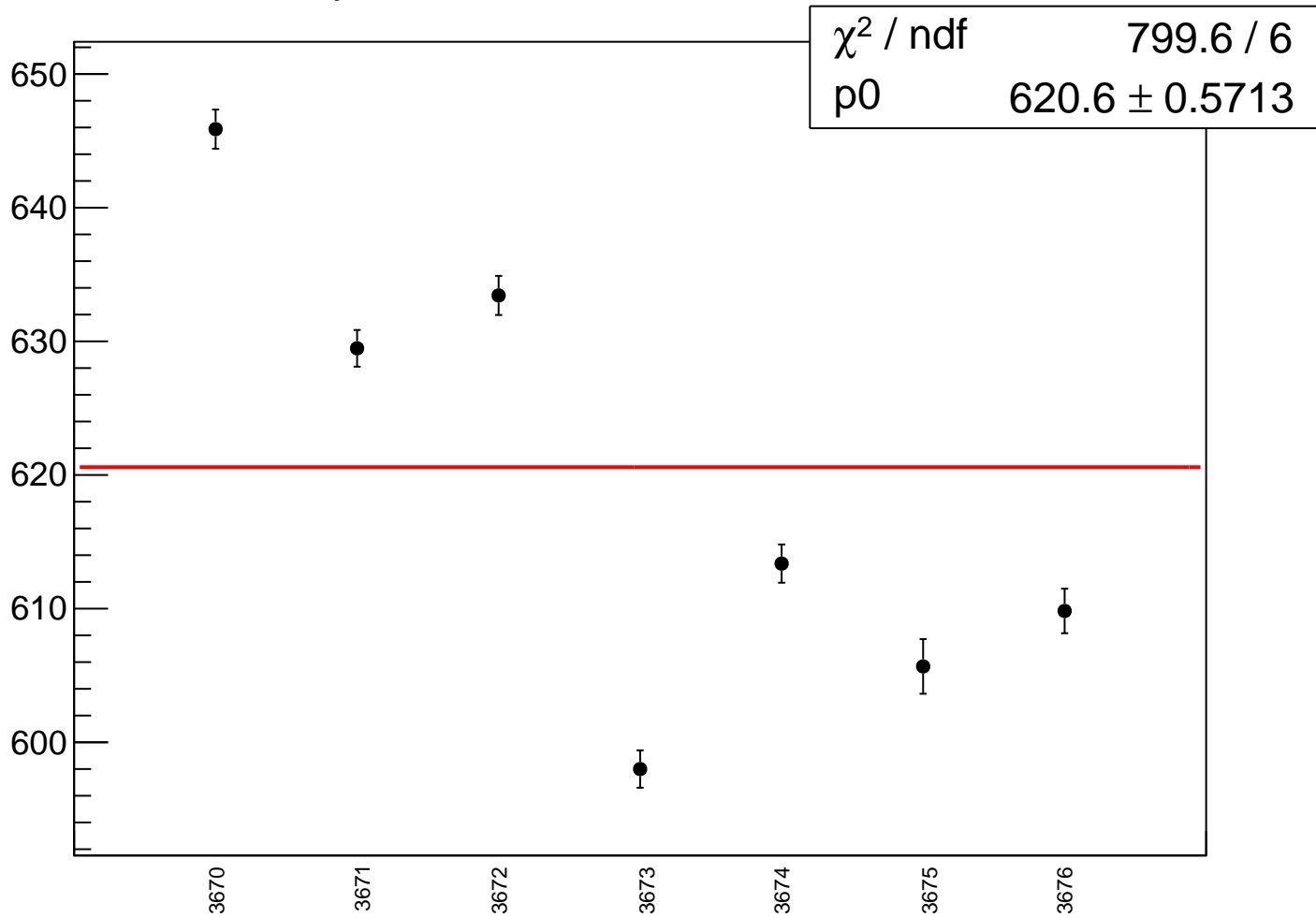
reg_asym_dsr_rms vs run



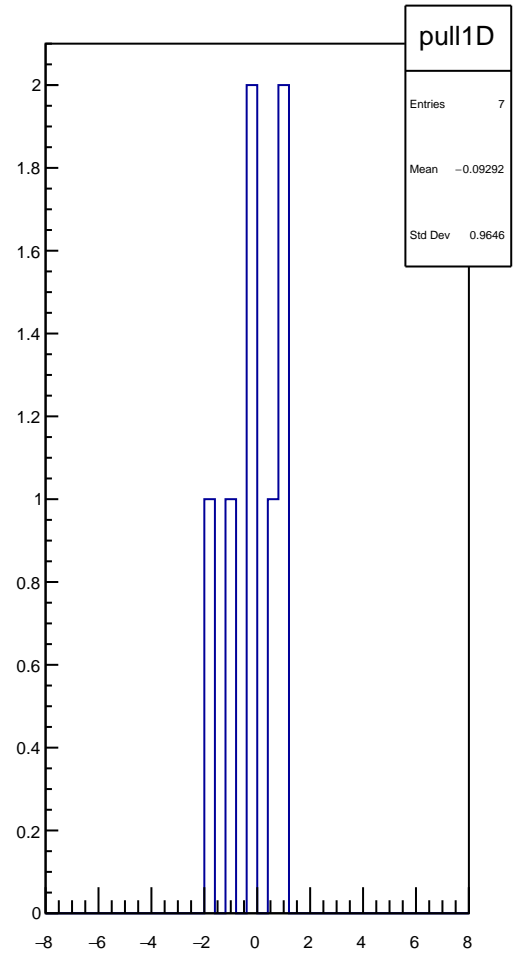
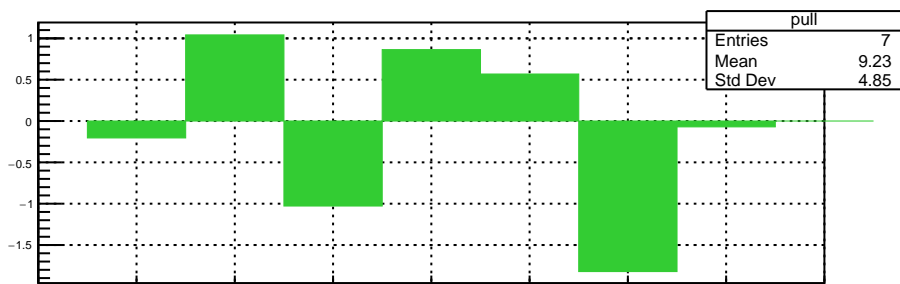
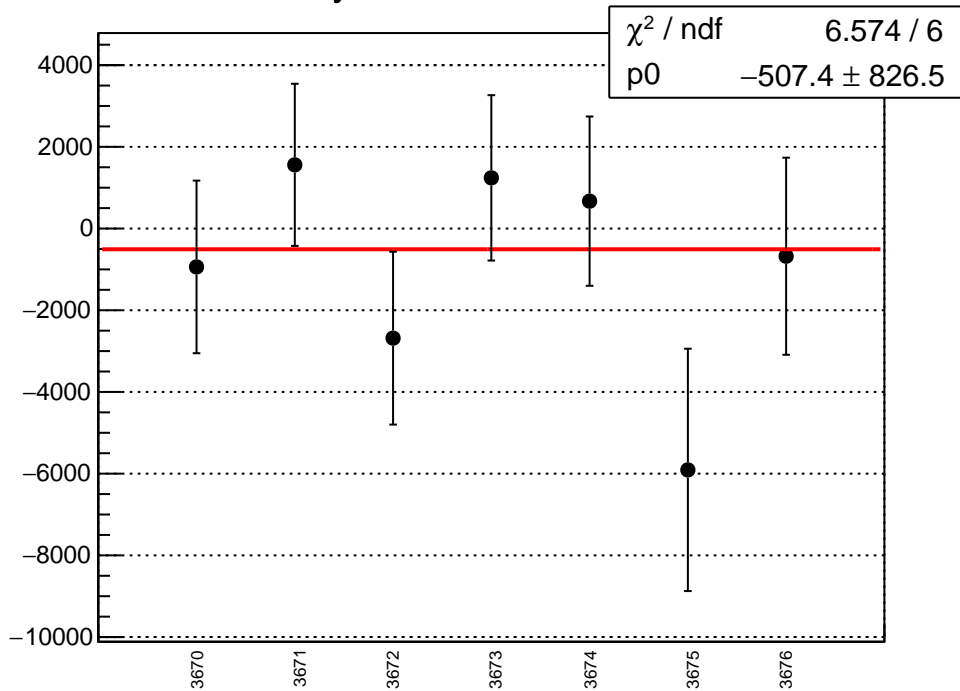
asym_dsr_correction_mean vs run



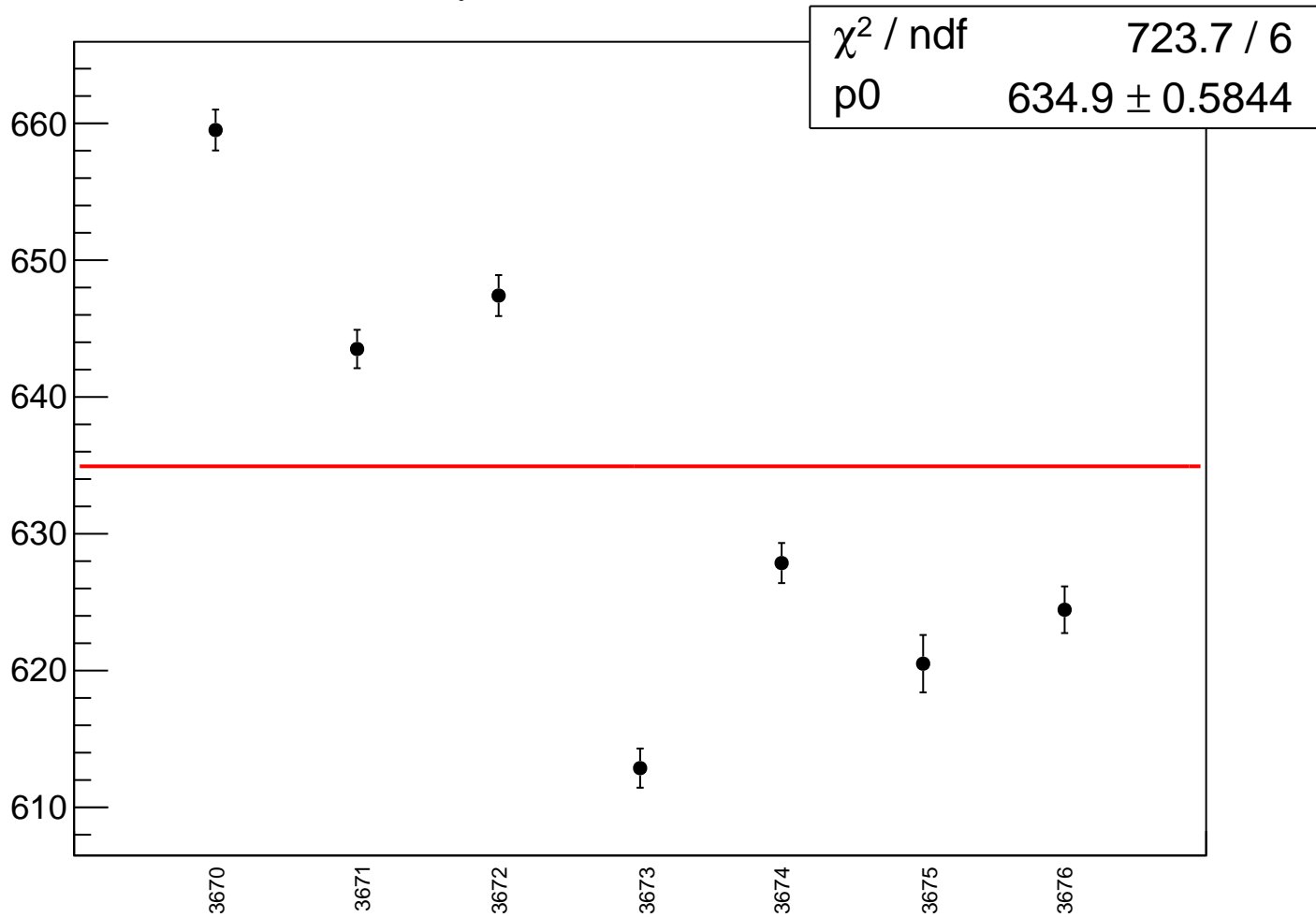
asym_dsr_correction_rms vs run



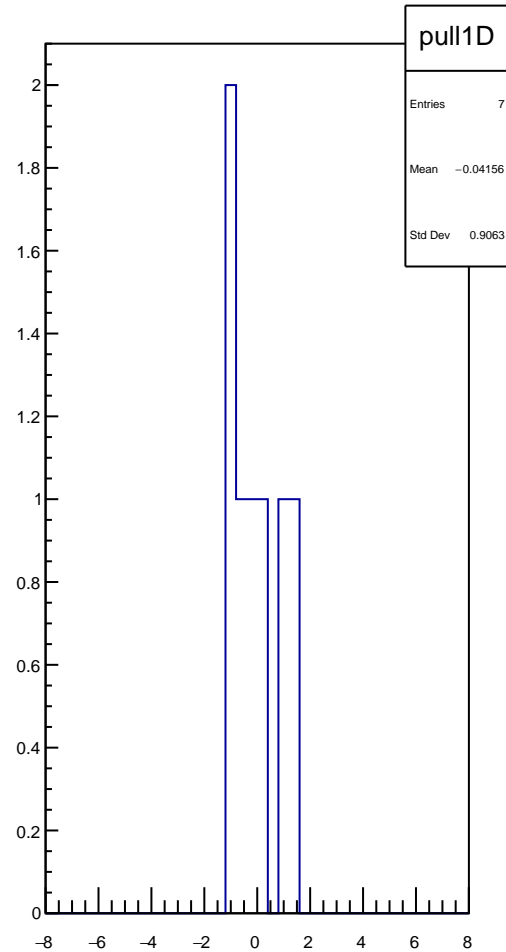
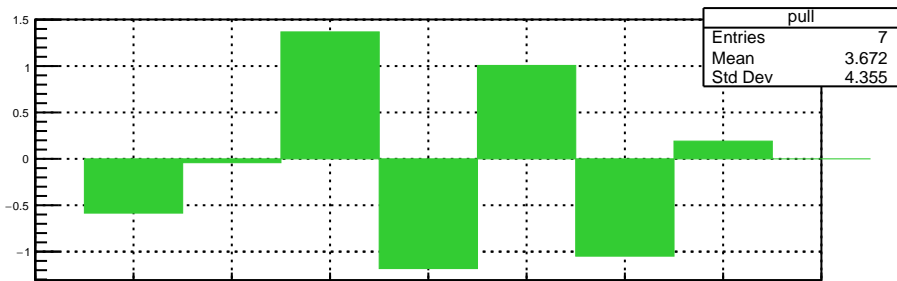
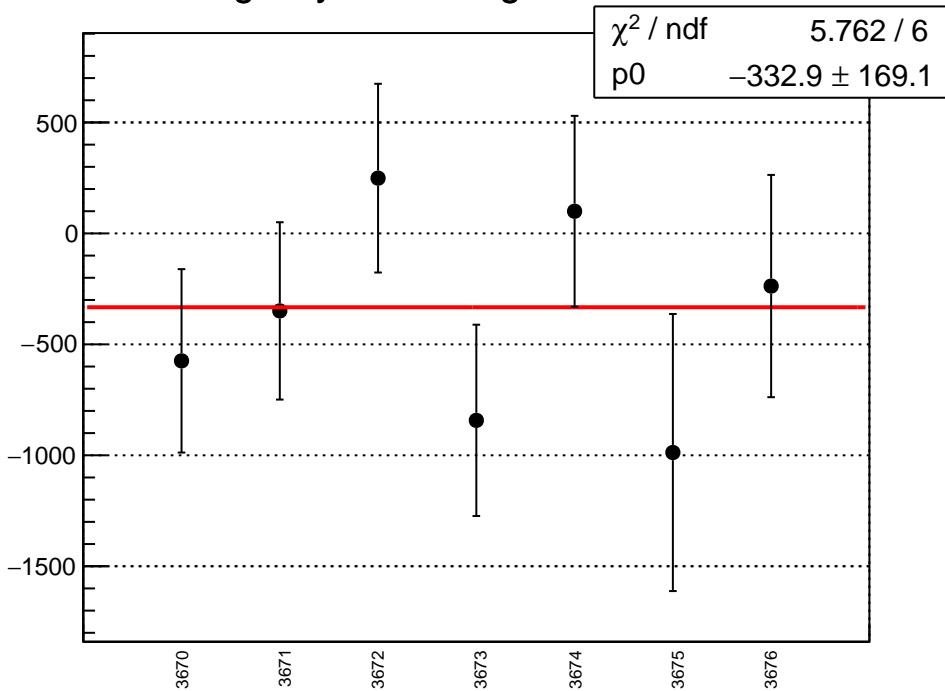
asym_dsr_mean vs run



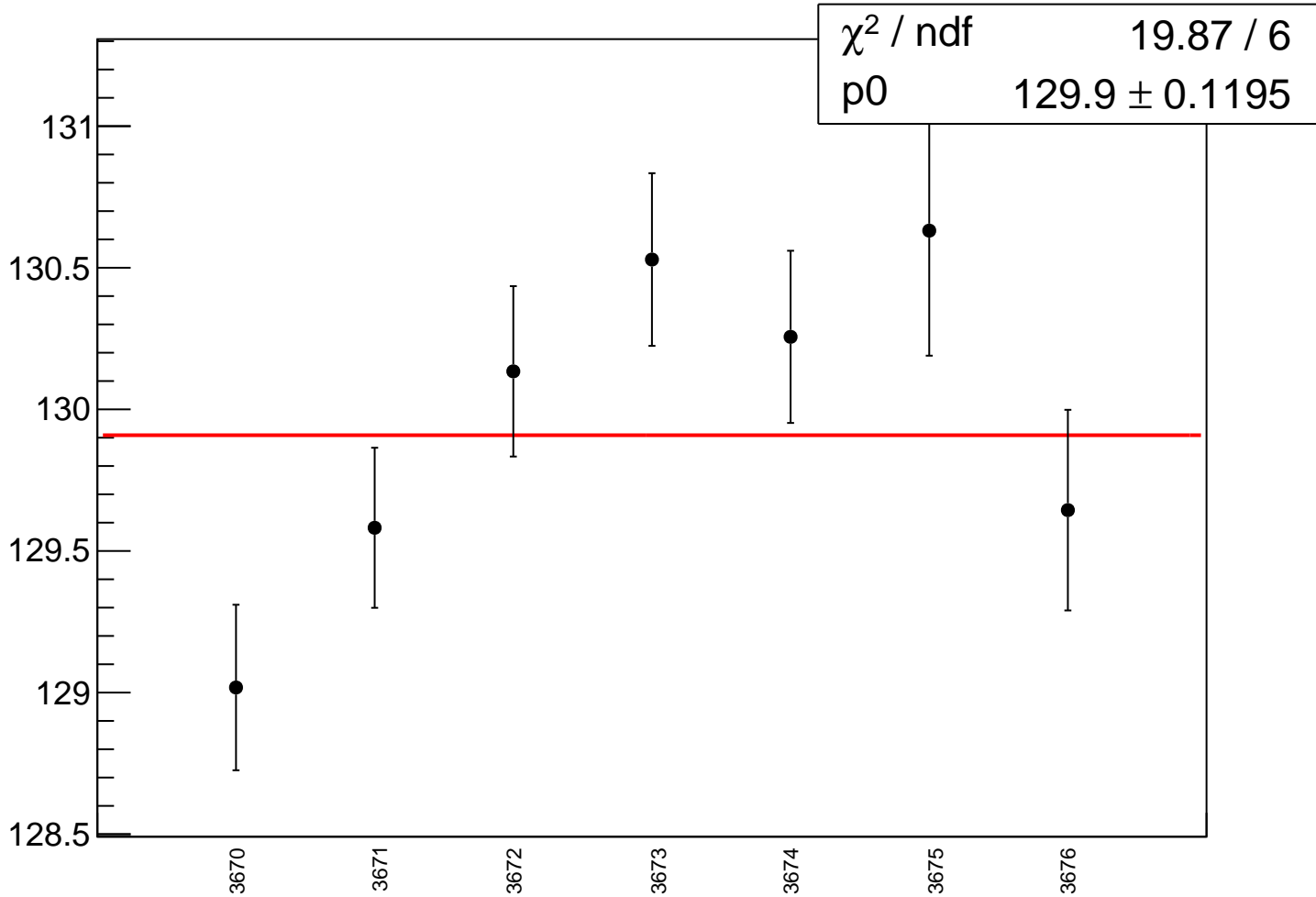
asym_dsr_rms vs run



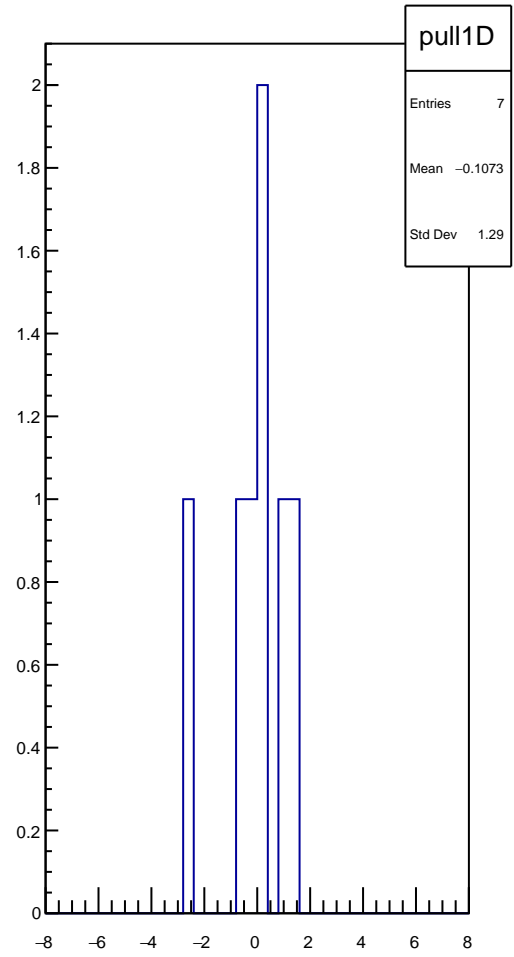
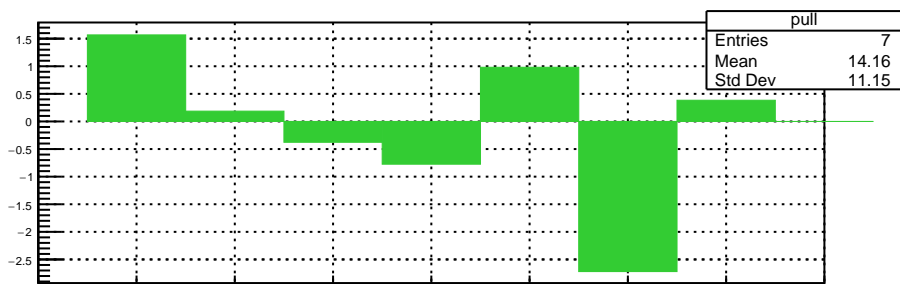
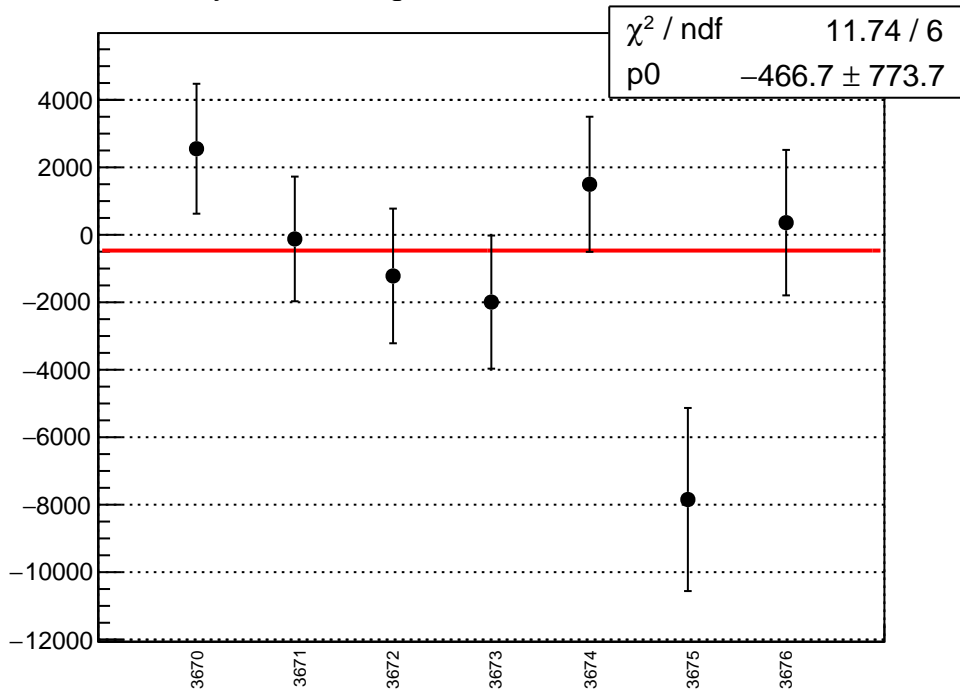
reg_asym_left_avg_mean vs run



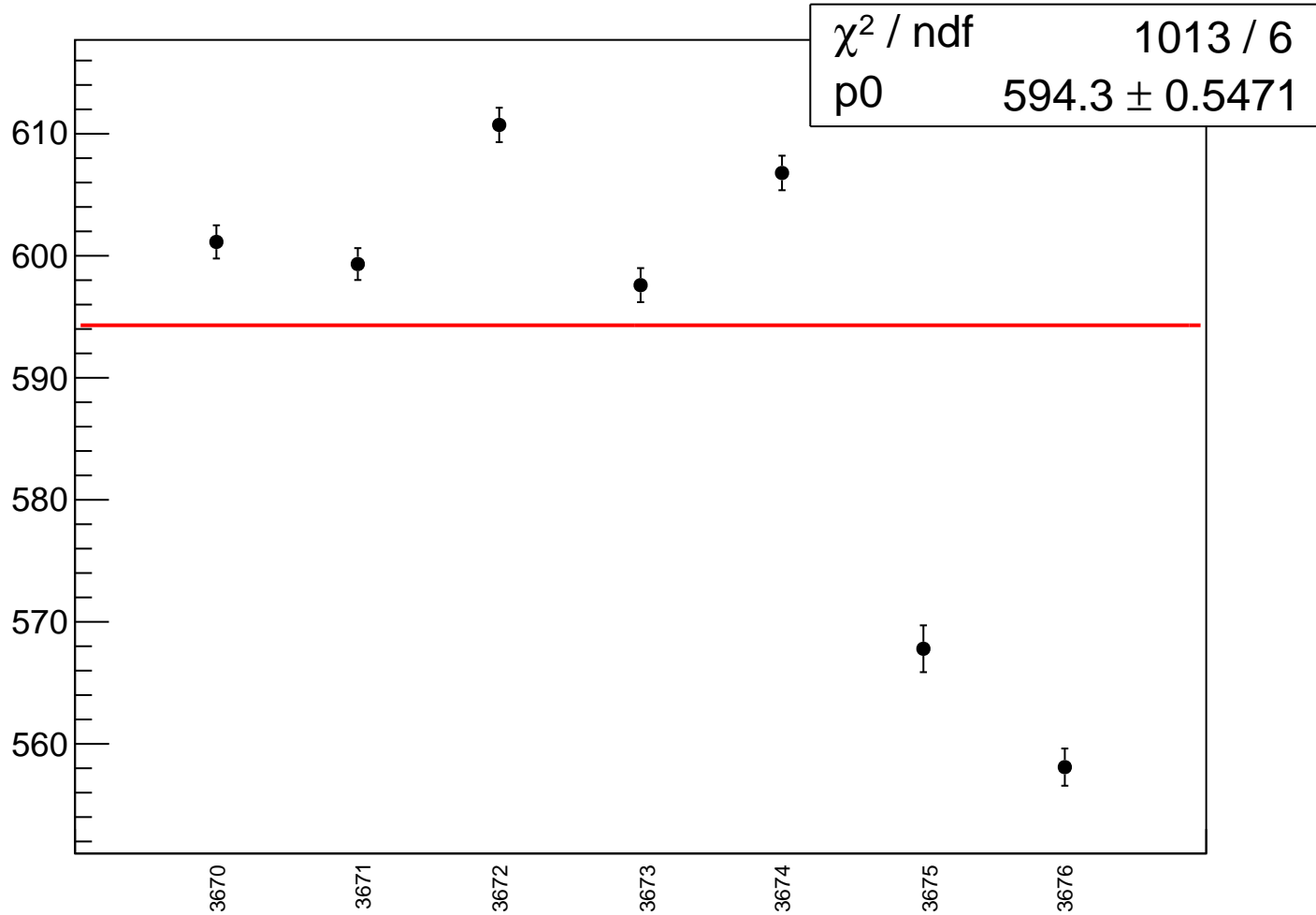
reg_asym_left_avg_rms vs run



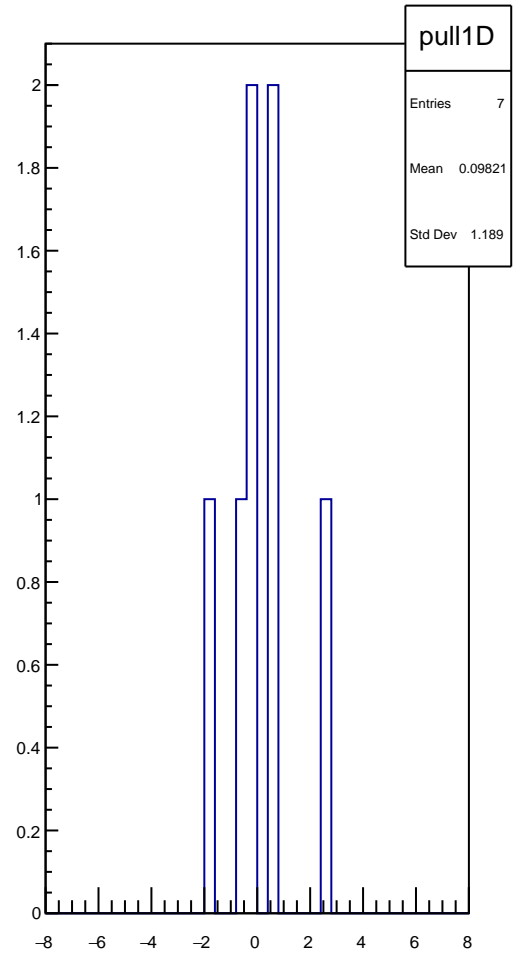
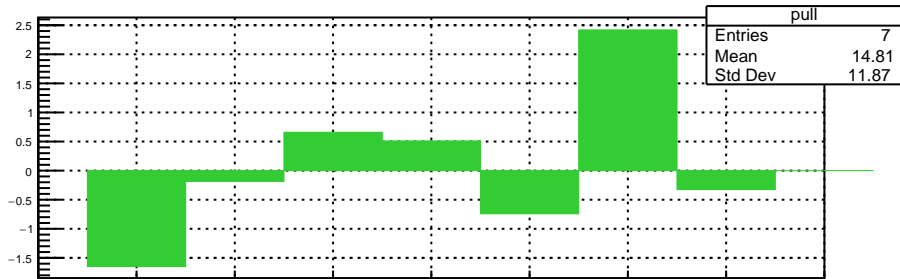
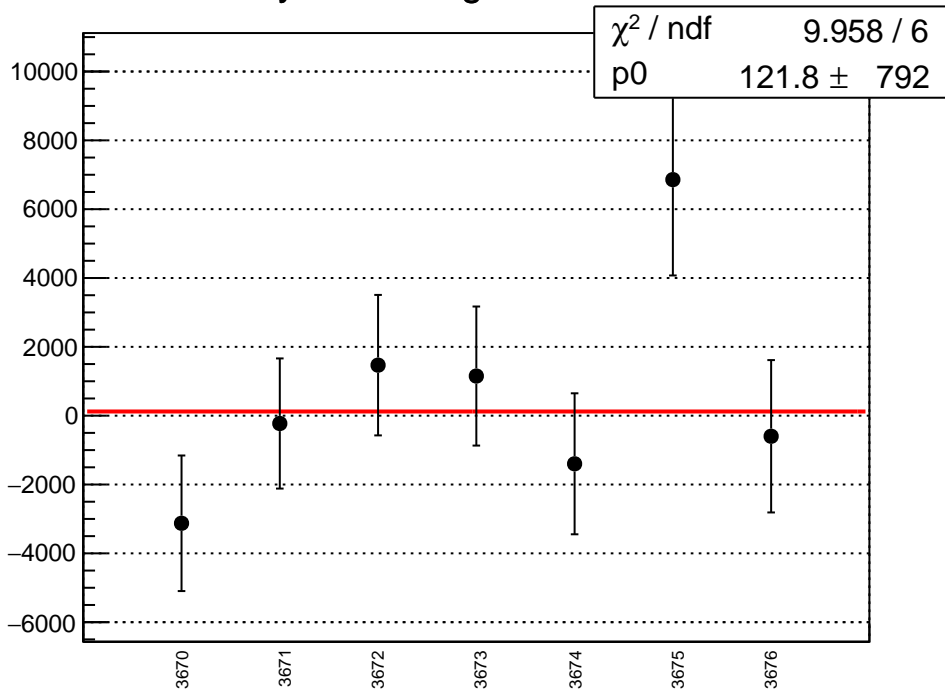
asym_left_avg_correction_mean vs run



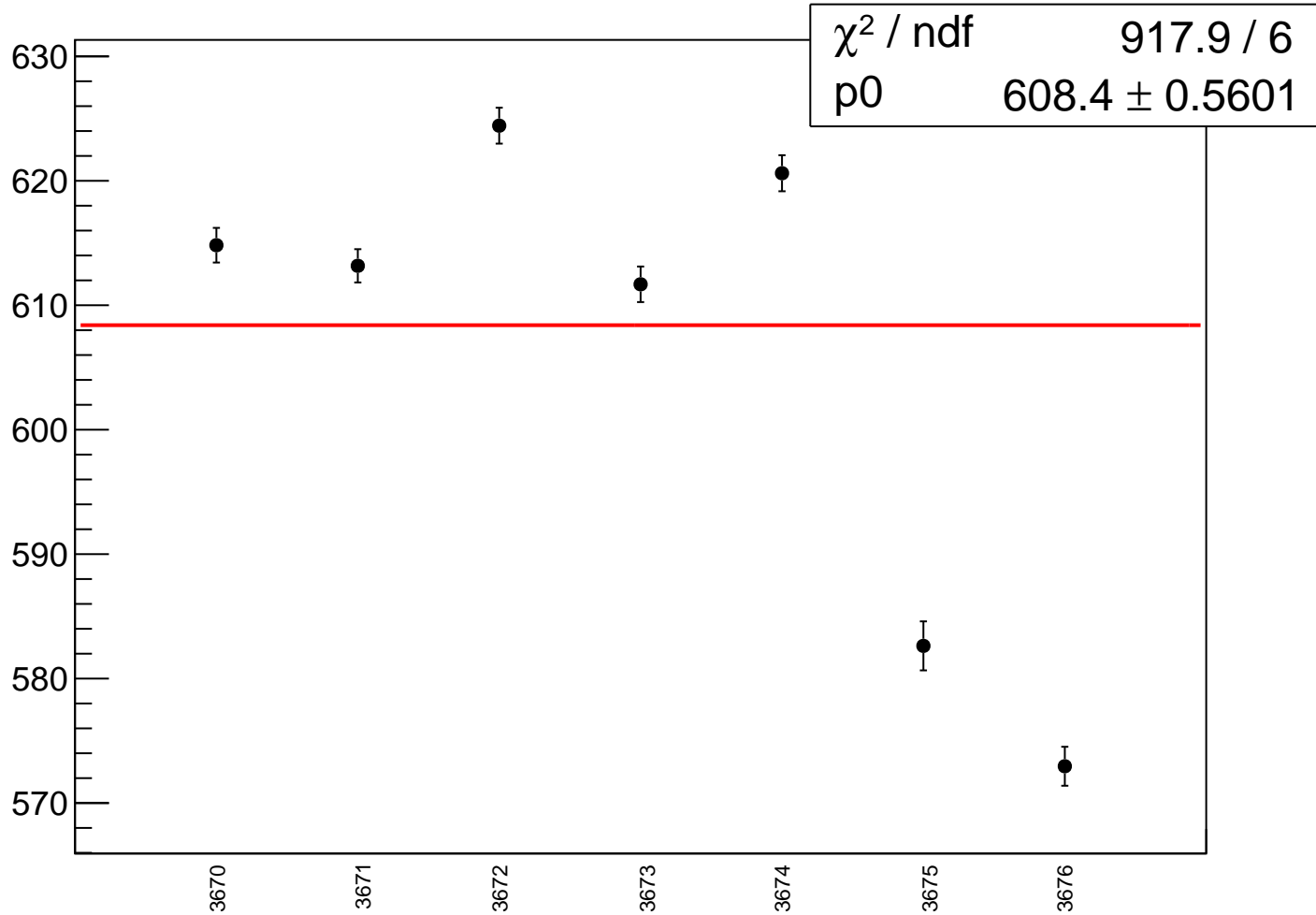
asym_left_avg_correction_rms vs run



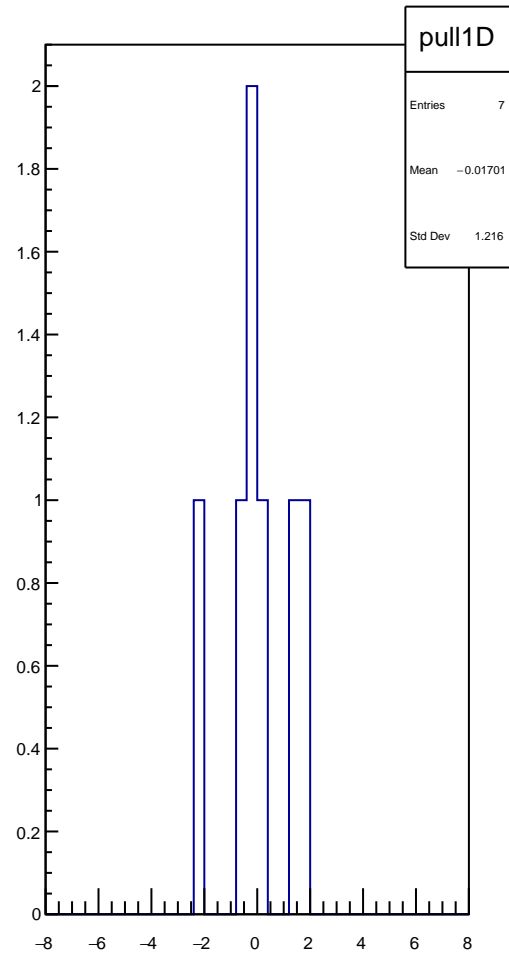
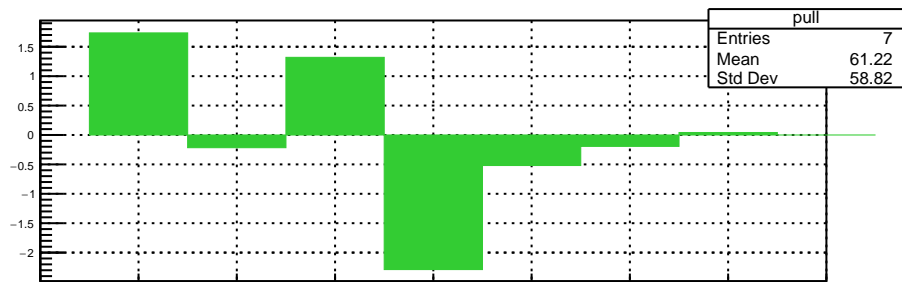
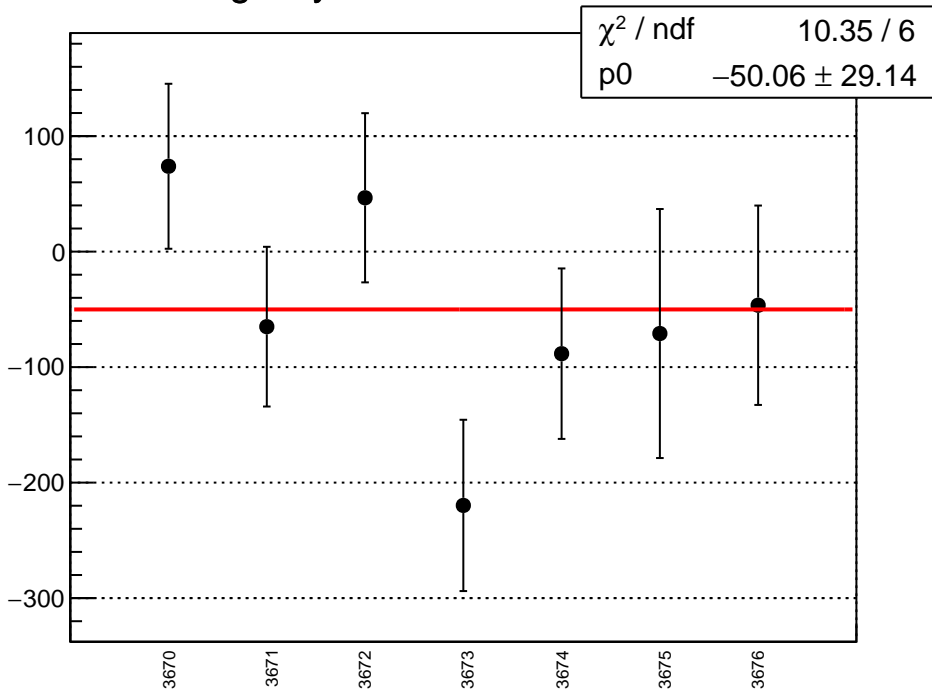
asym_left_avg_mean vs run



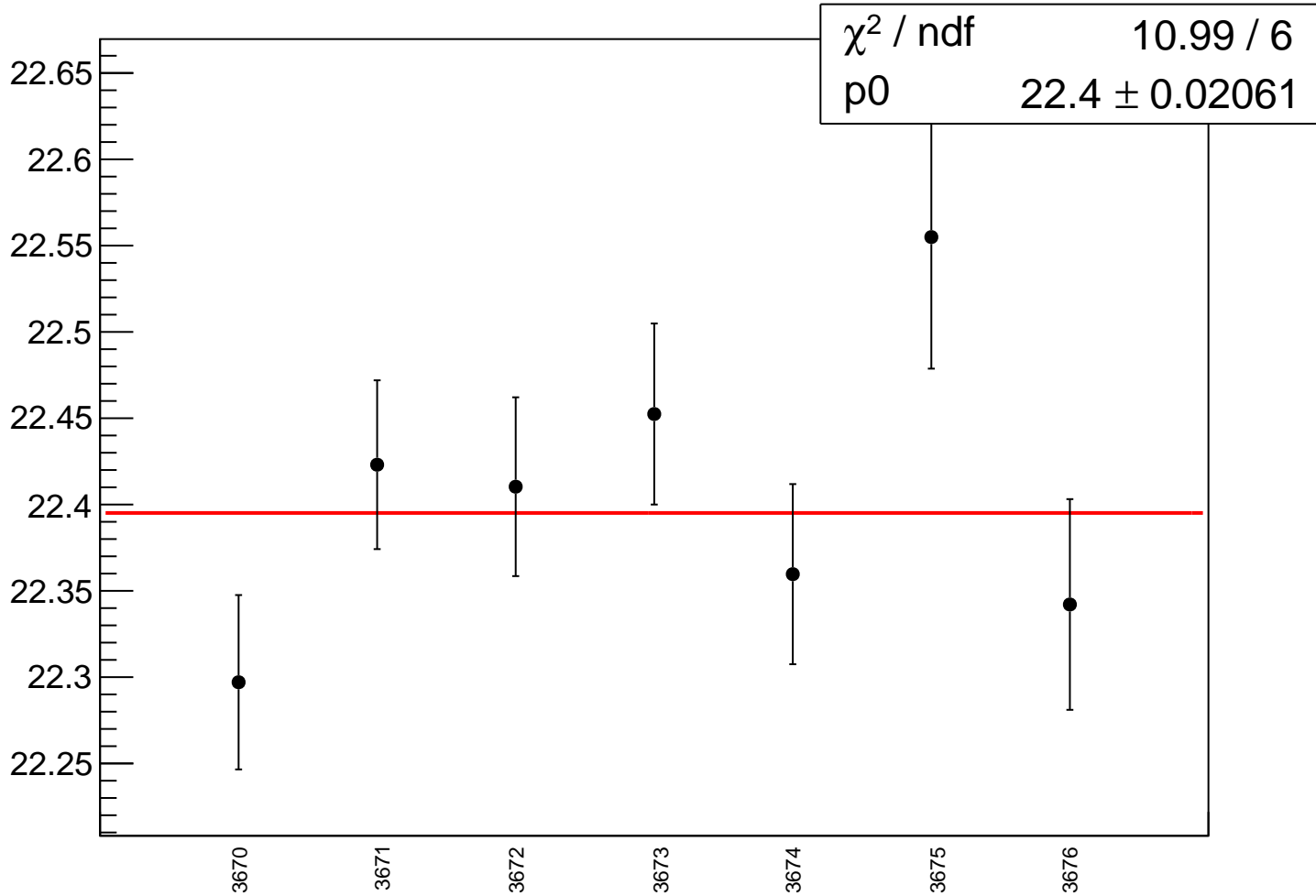
asym_left_avg_rms vs run



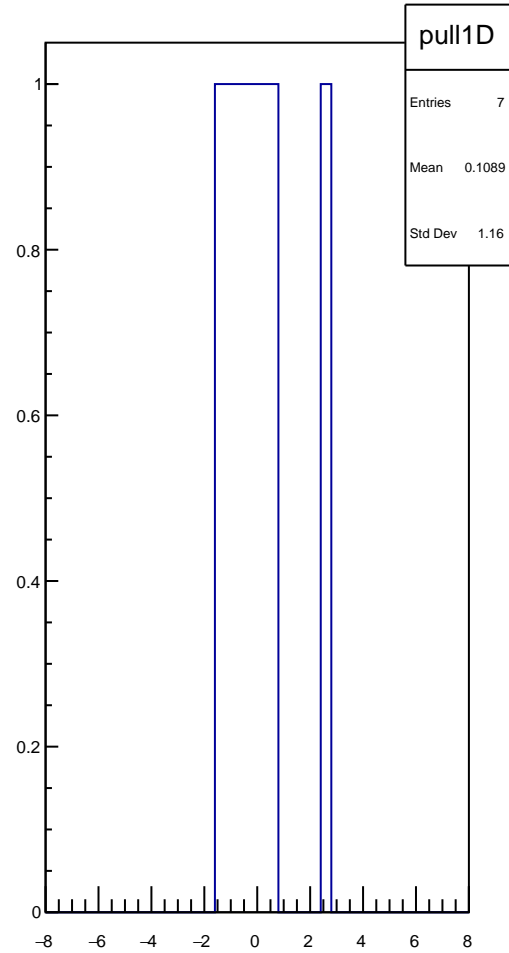
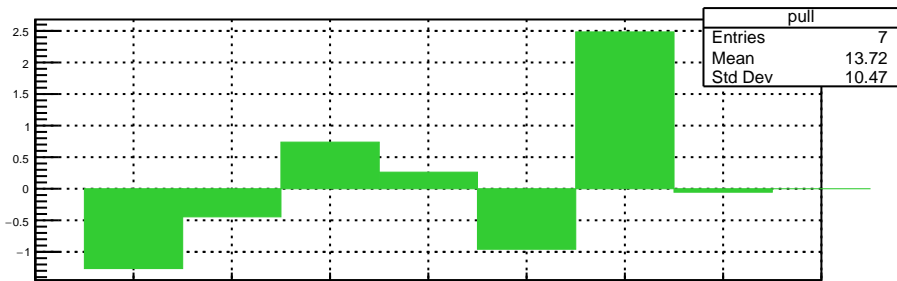
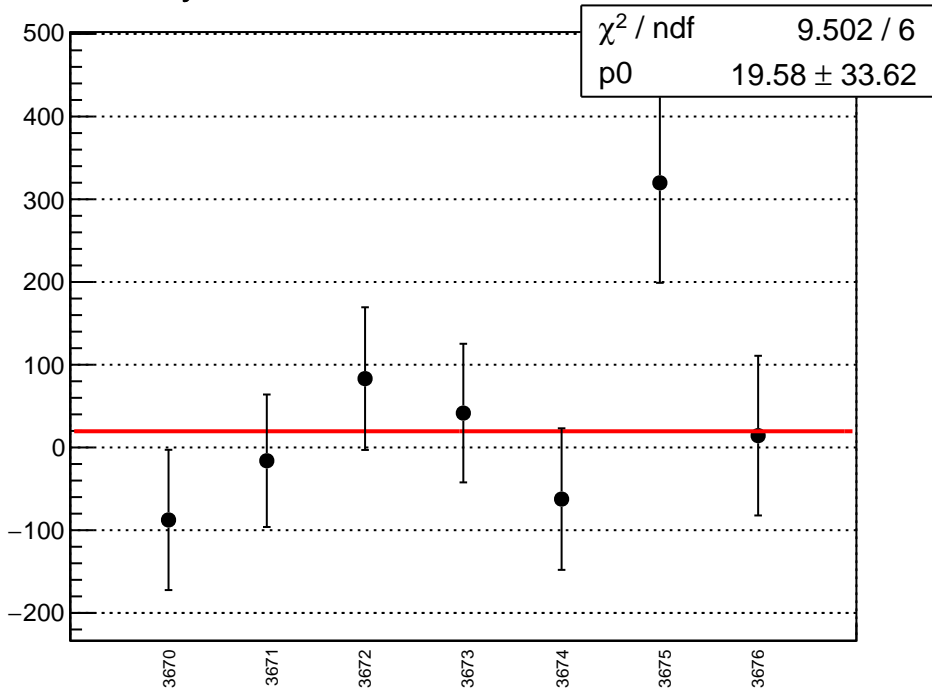
reg_asym_left_dd_mean vs run



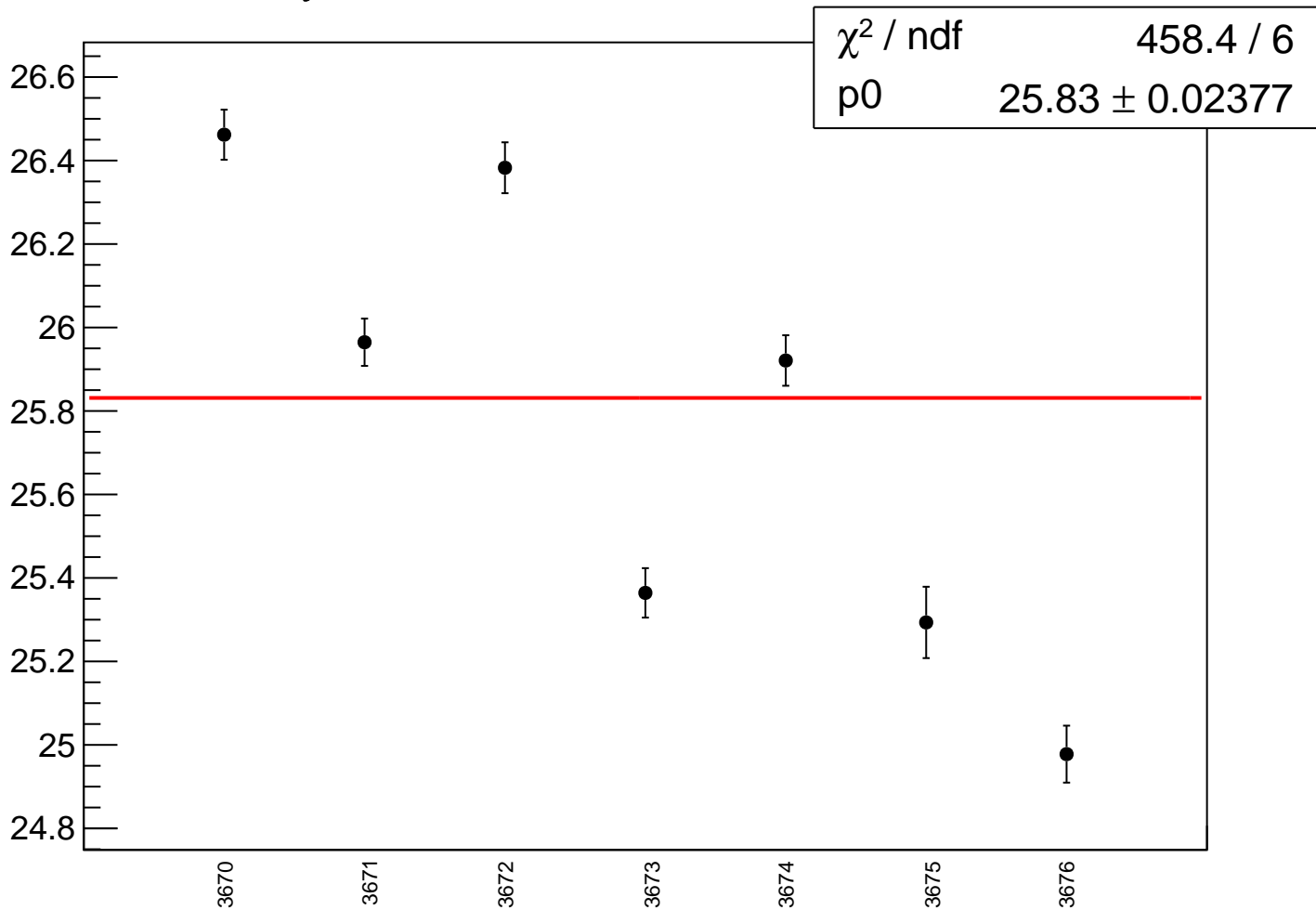
reg_asym_left_dd_rms vs run



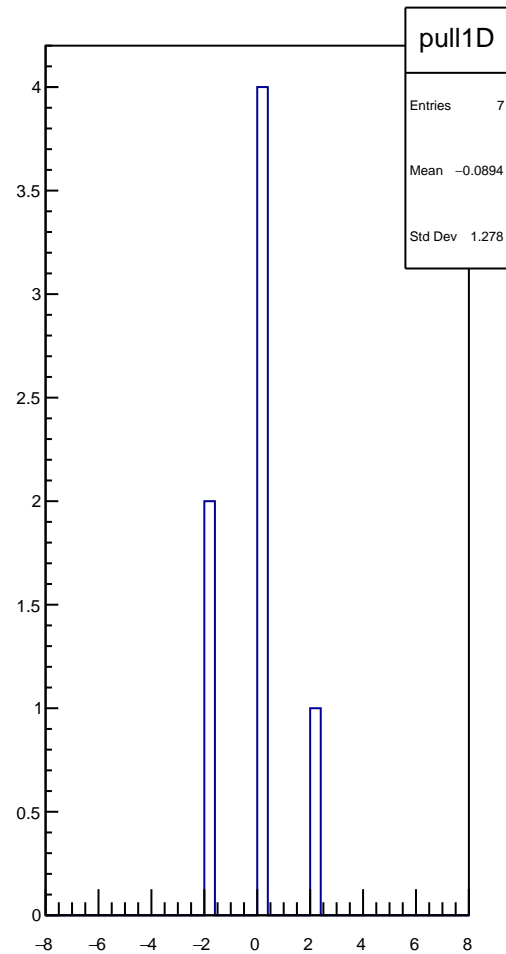
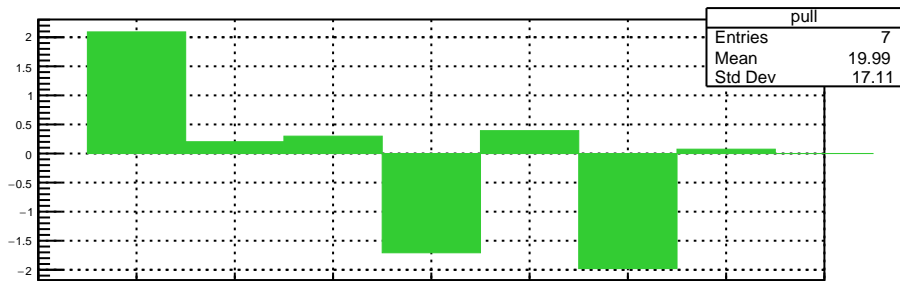
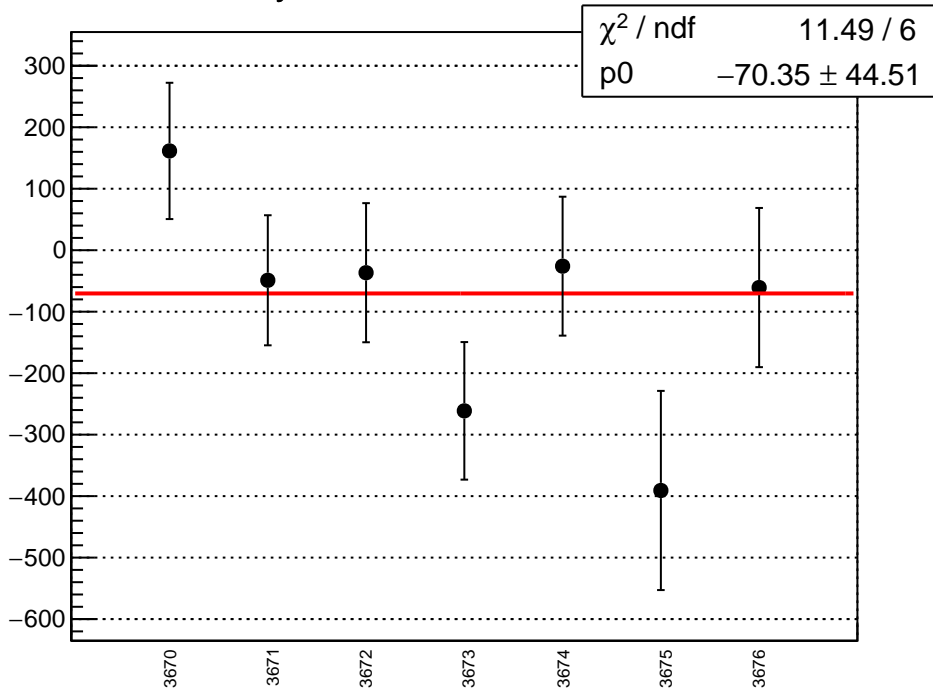
asym_left_dd_correction_mean vs run



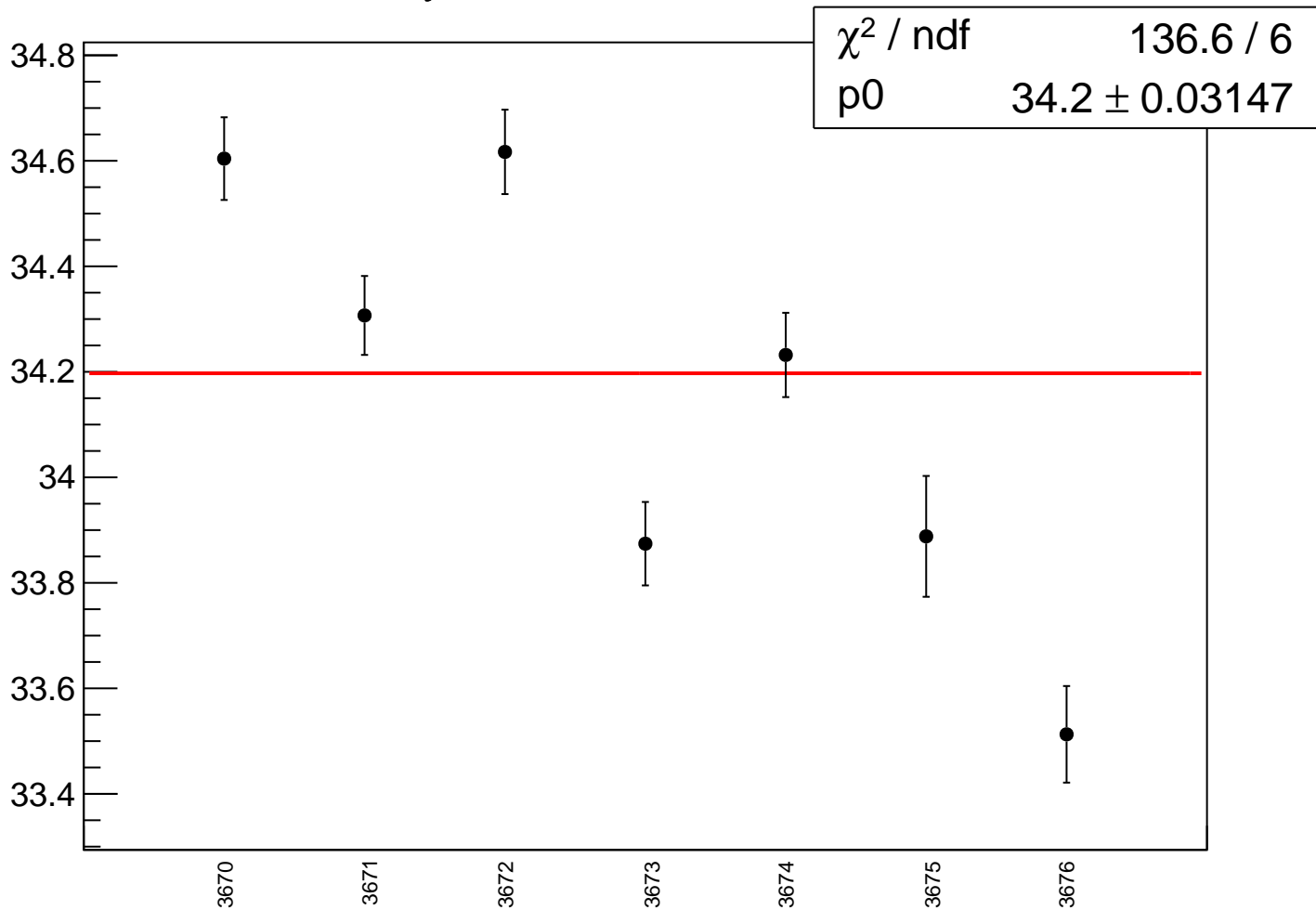
asym_left_dd_correction_rms vs run



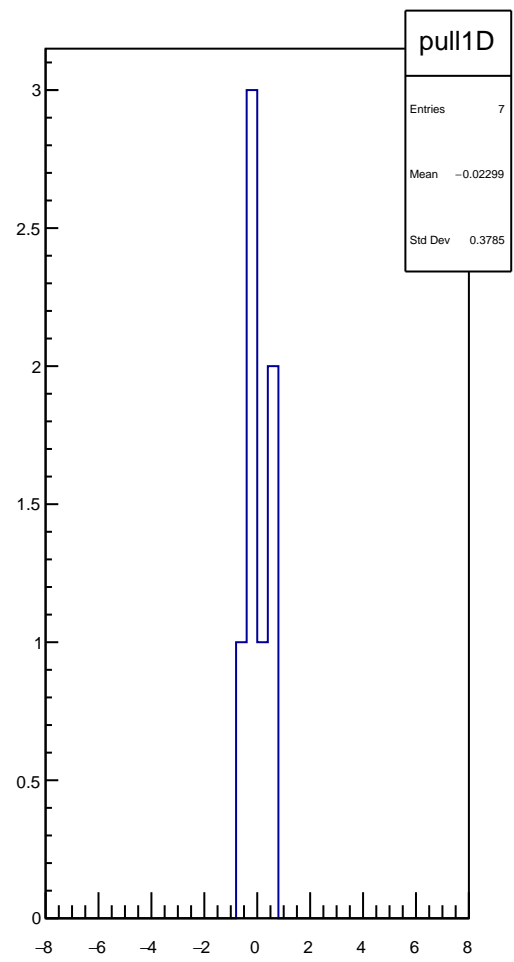
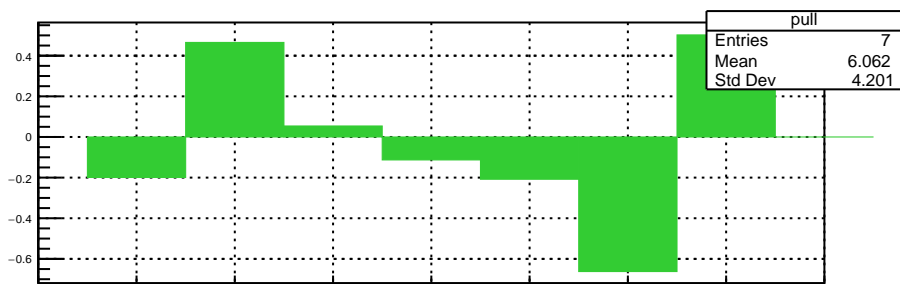
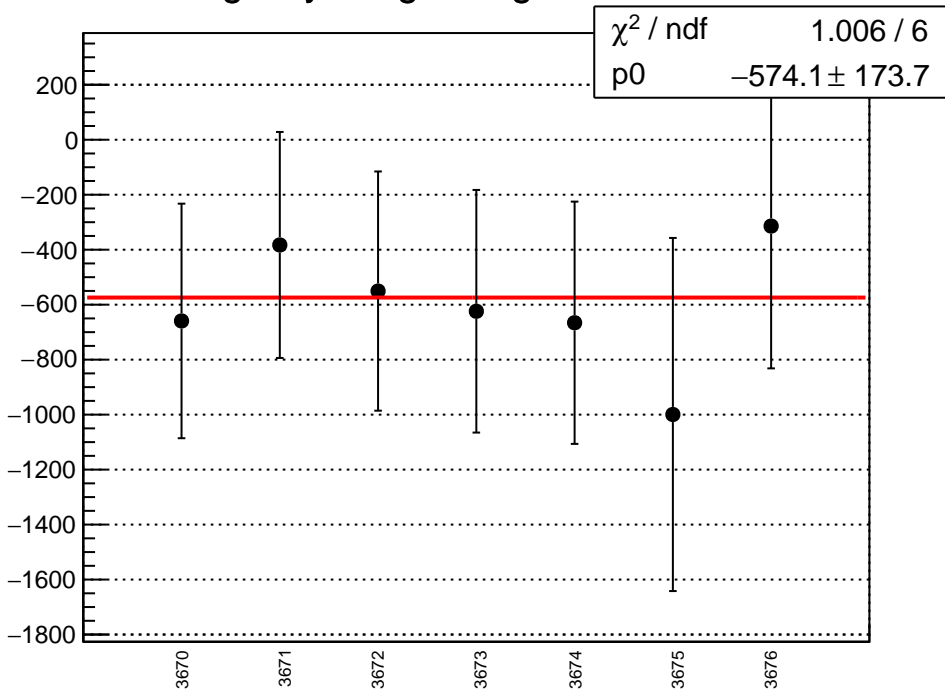
asym_left_dd_mean vs run



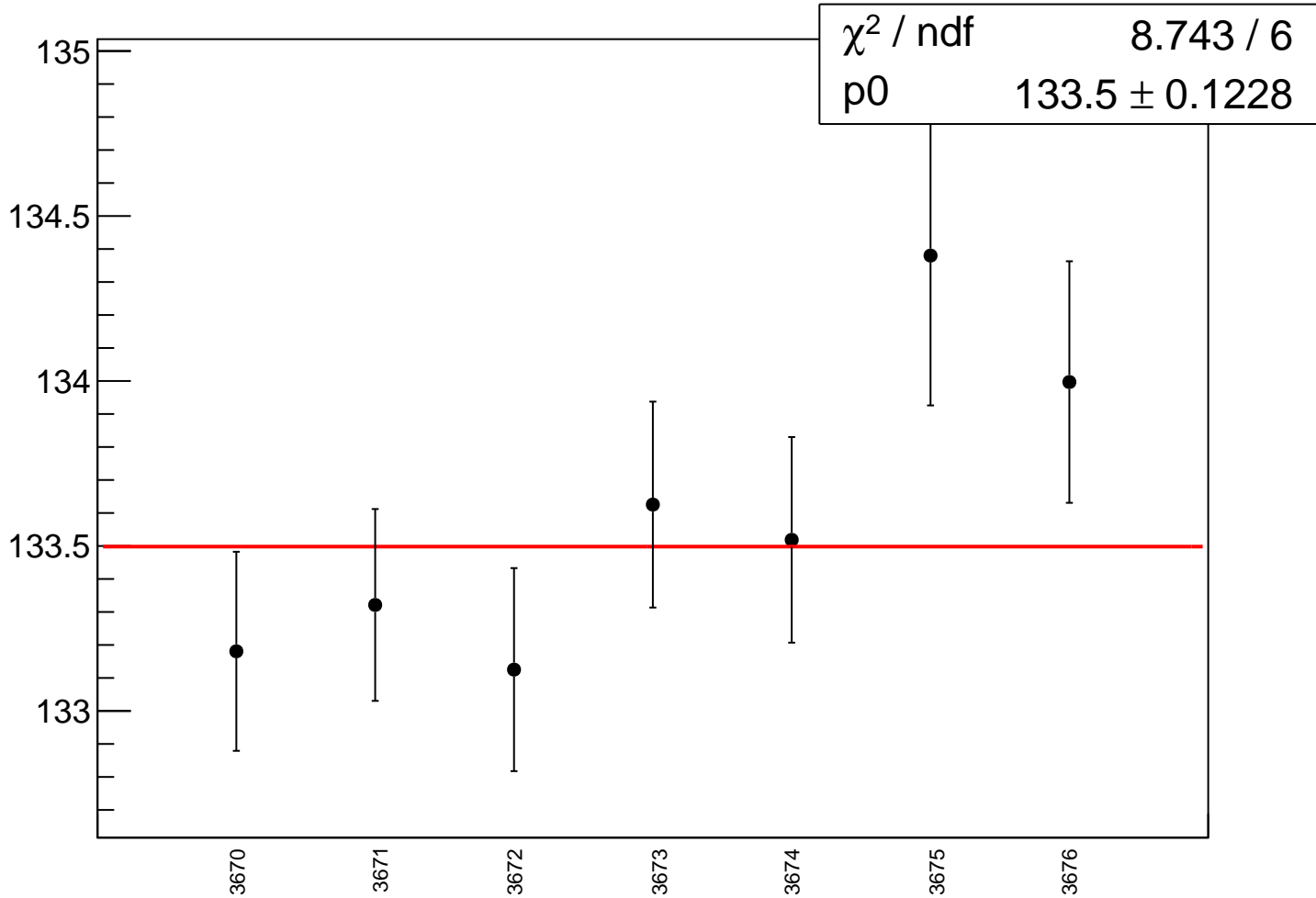
asym_left_dd_rms vs run



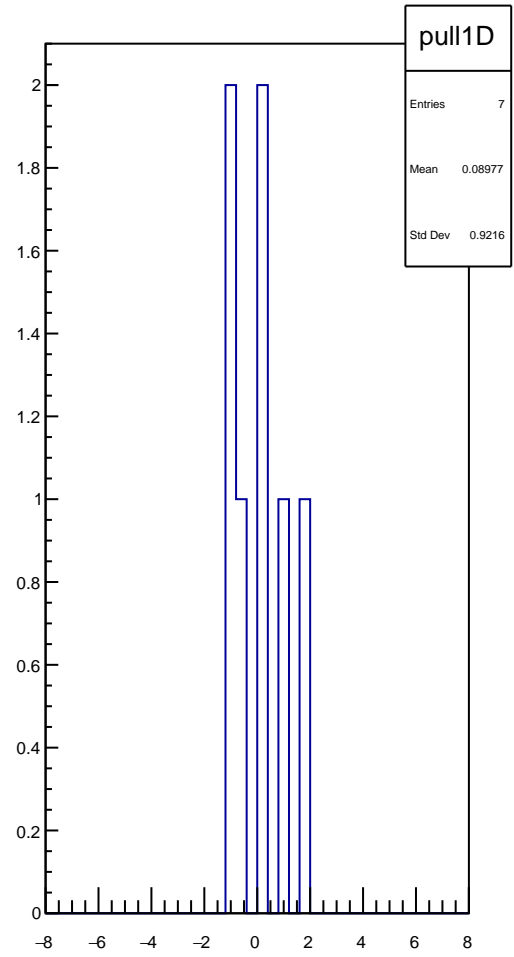
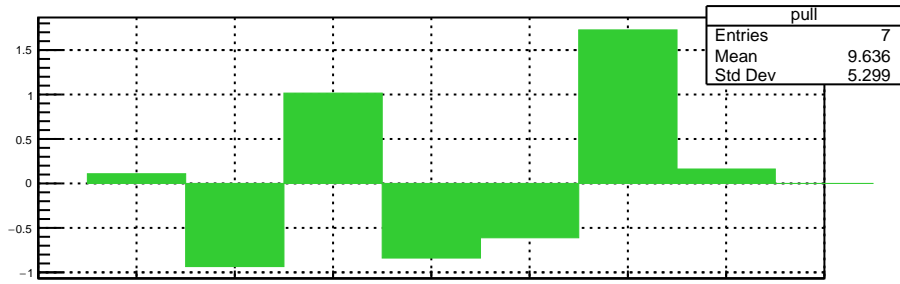
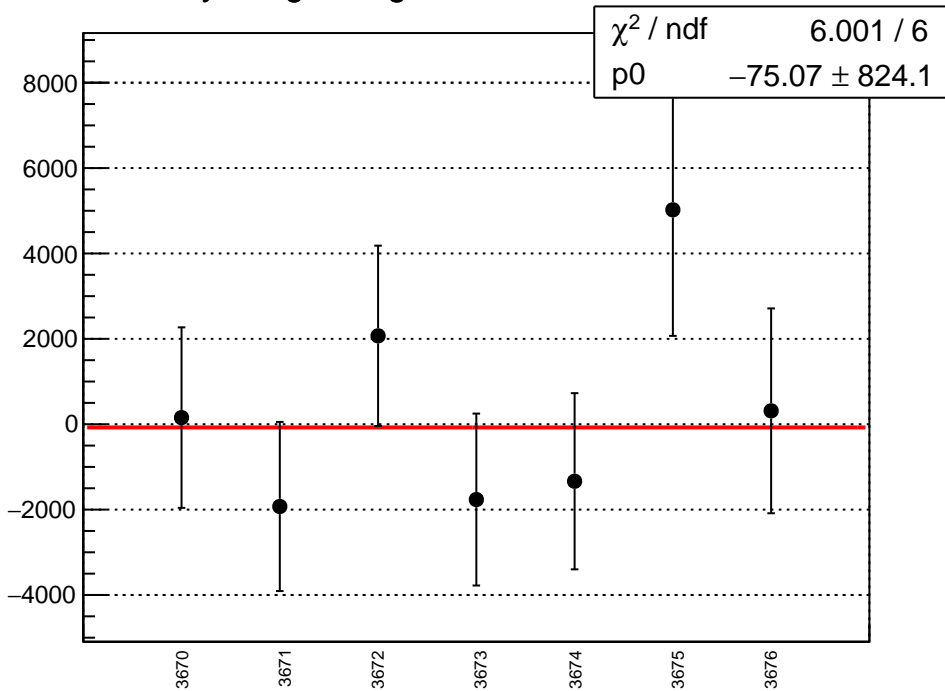
reg_asym_right_avg_mean vs run



reg_asym_right_avg_rms vs run

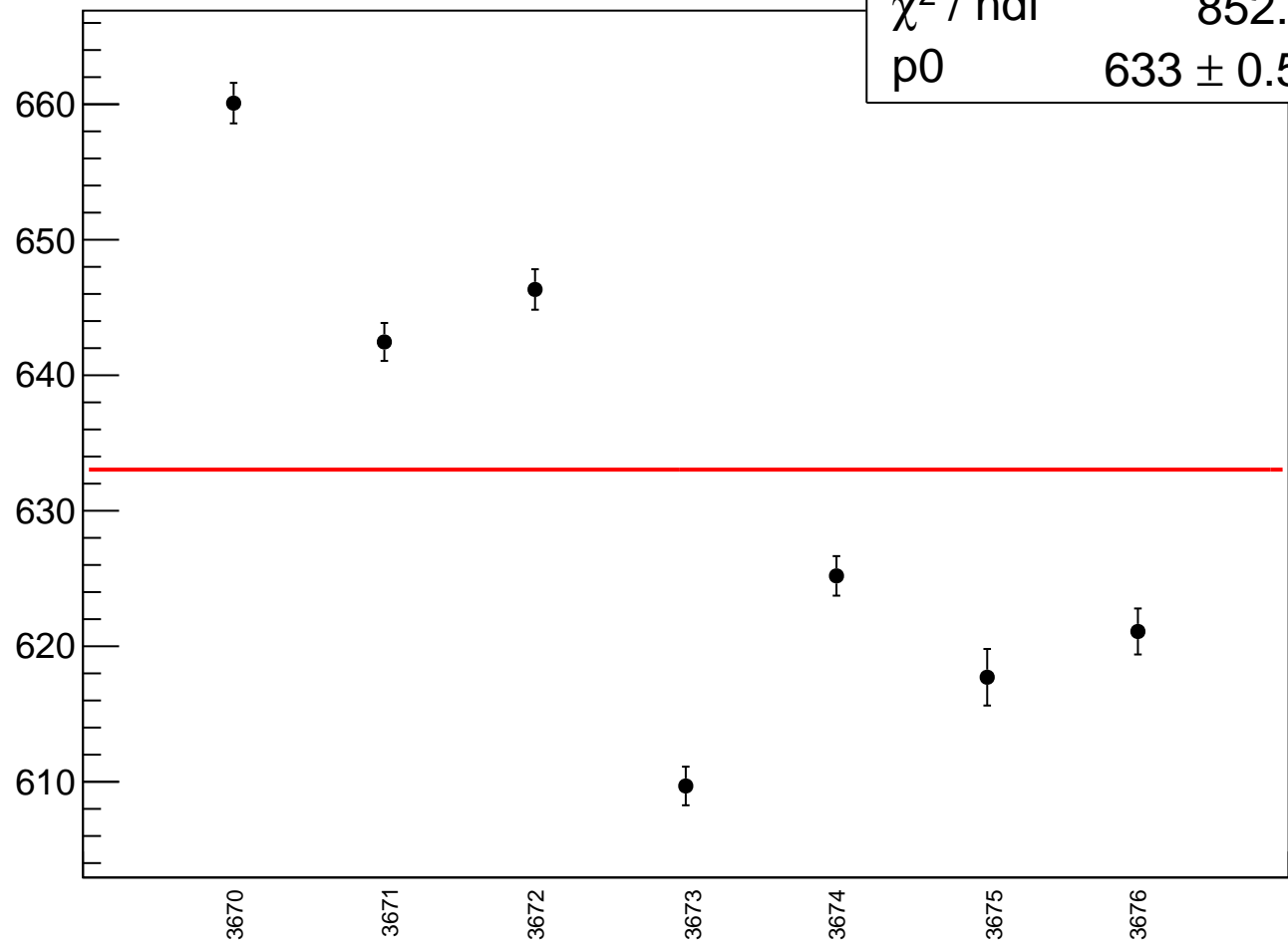


asym_right_avg_correction_mean vs run

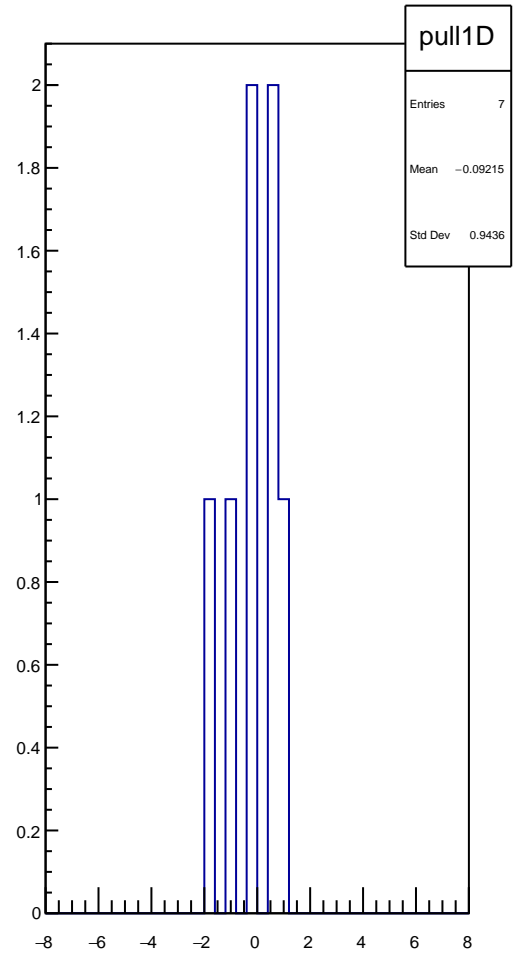
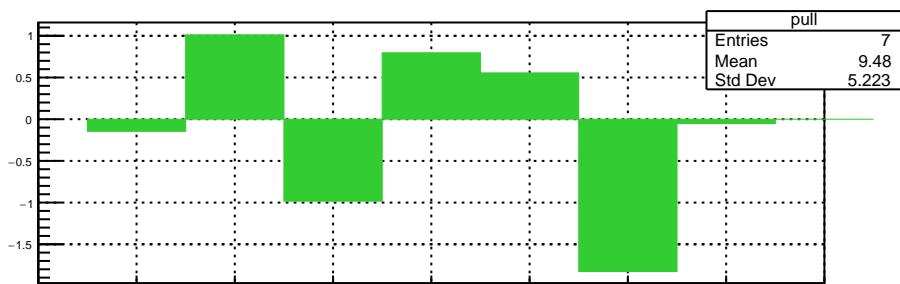
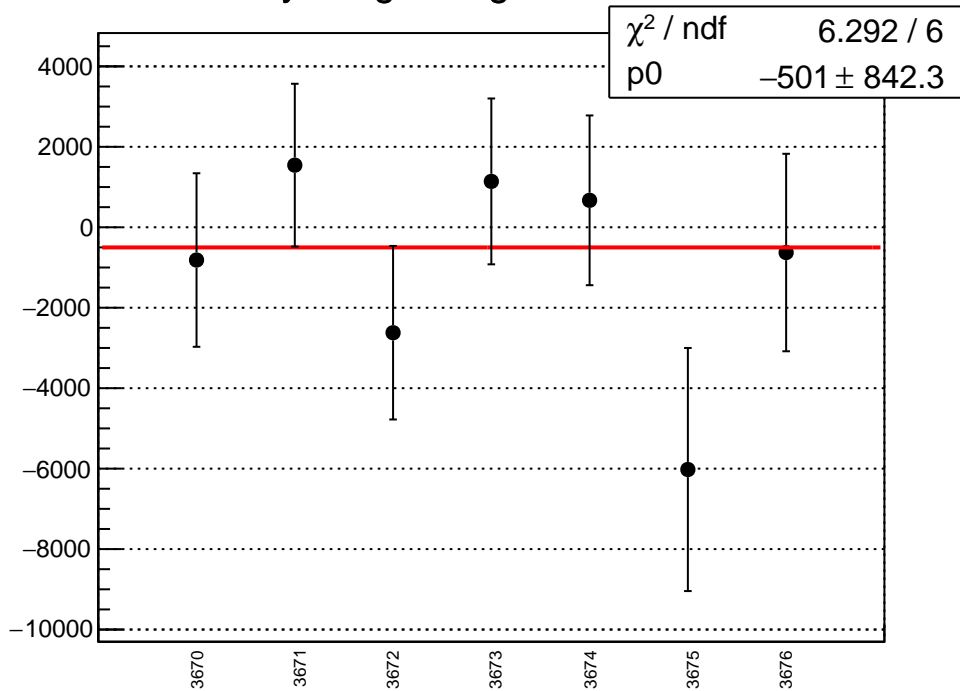


asym_right_avg_correction_rms vs run

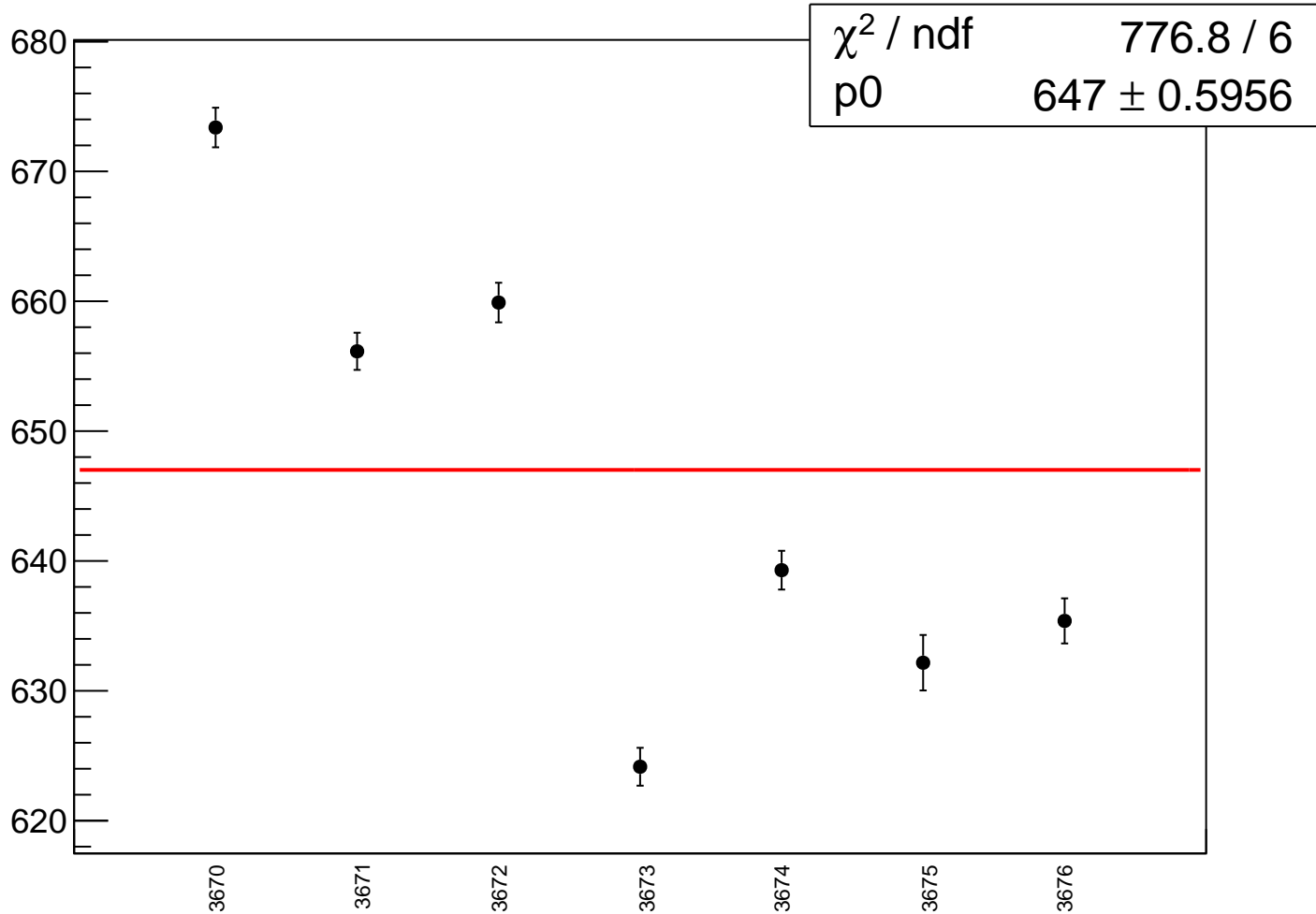
χ^2 / ndf	852.8 / 6
p0	633 ± 0.5827



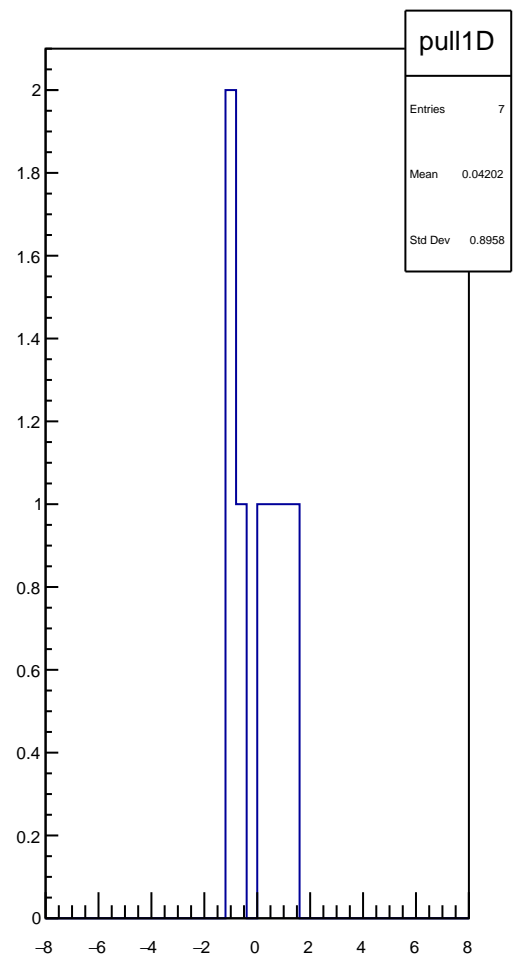
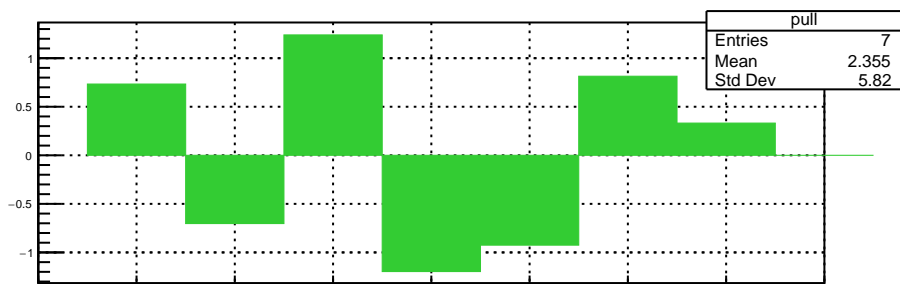
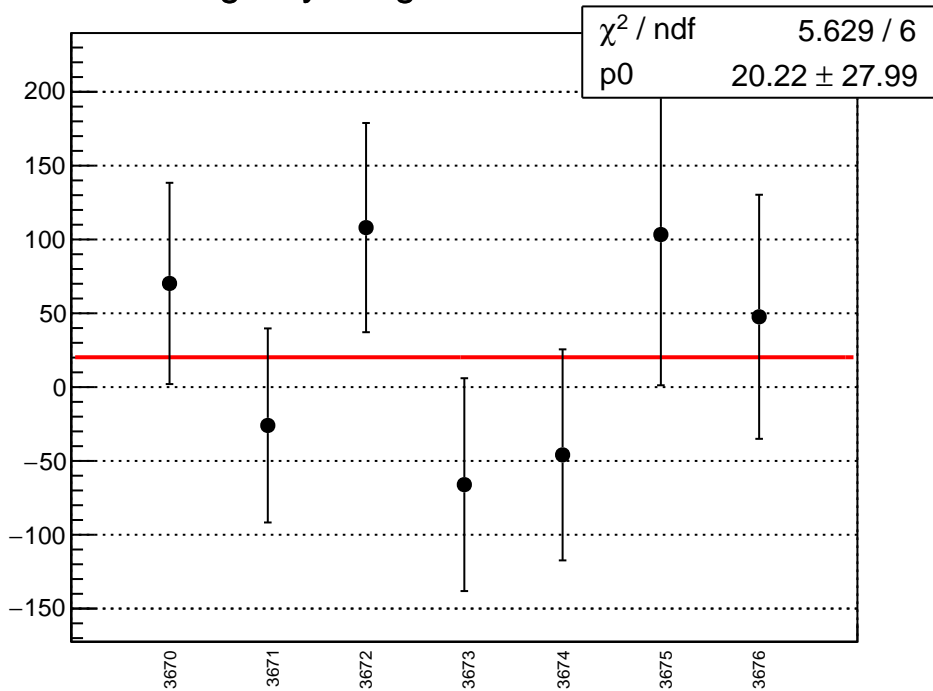
asym_right_avg_mean vs run



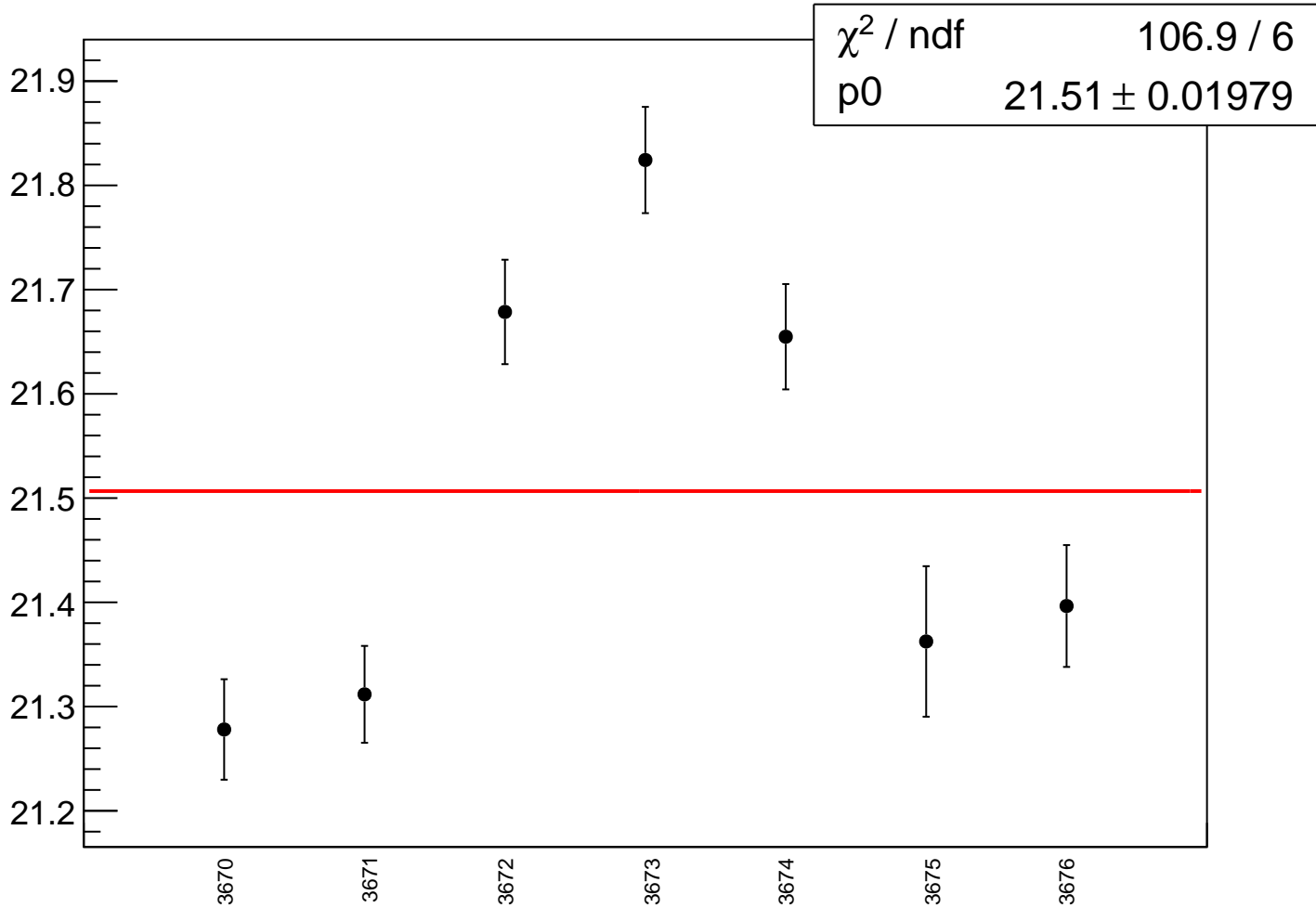
asym_right_avg_rms vs run



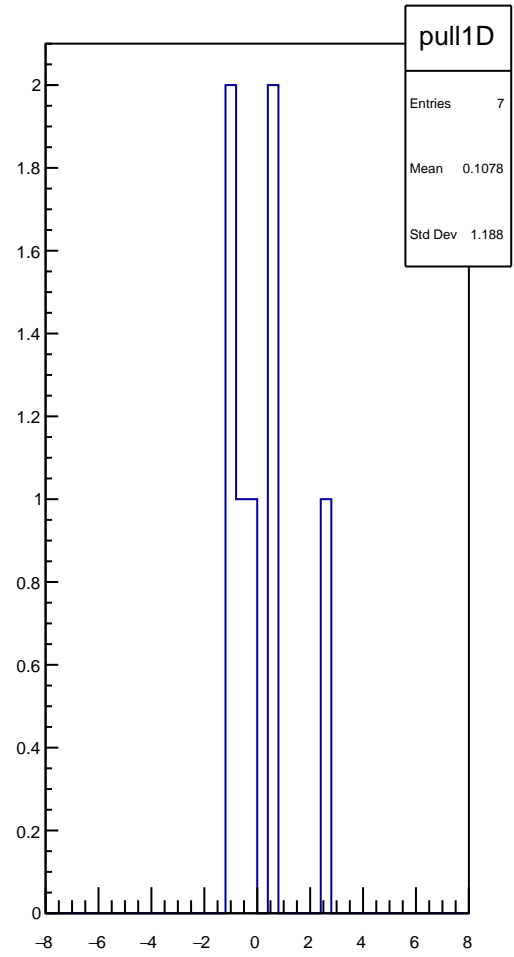
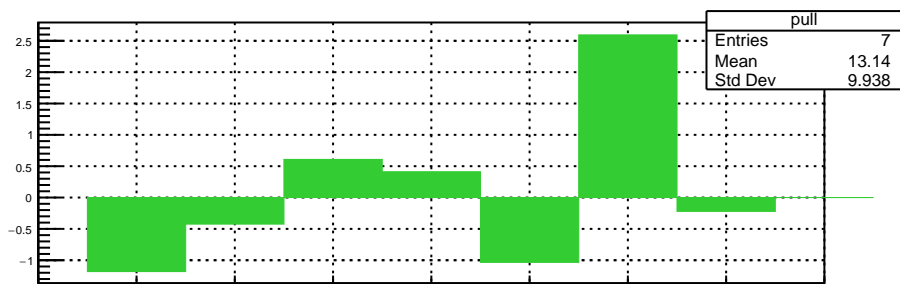
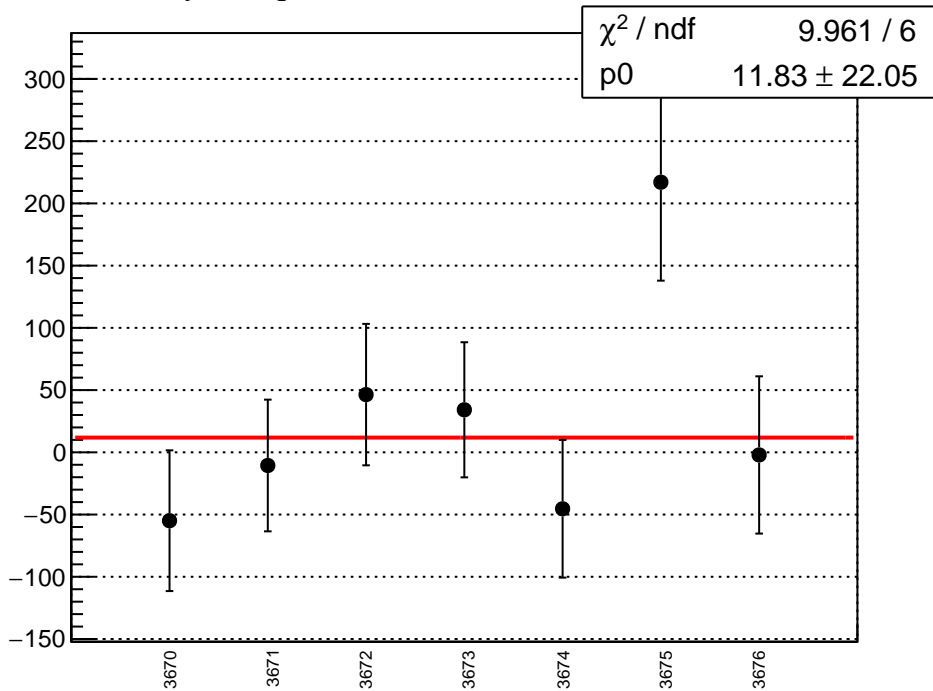
reg_asym_right_dd_mean vs run



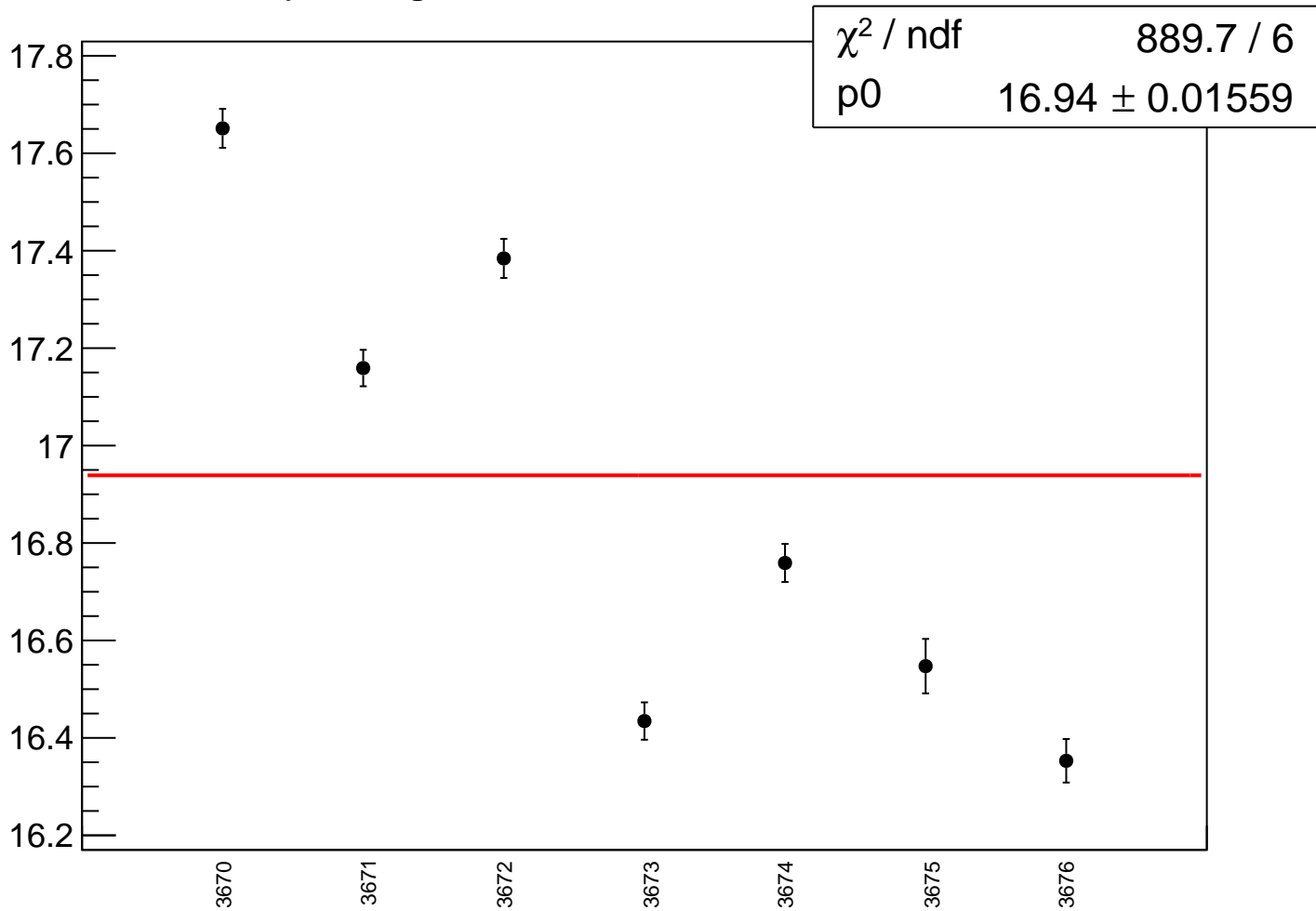
reg_asym_right_dd_rms vs run



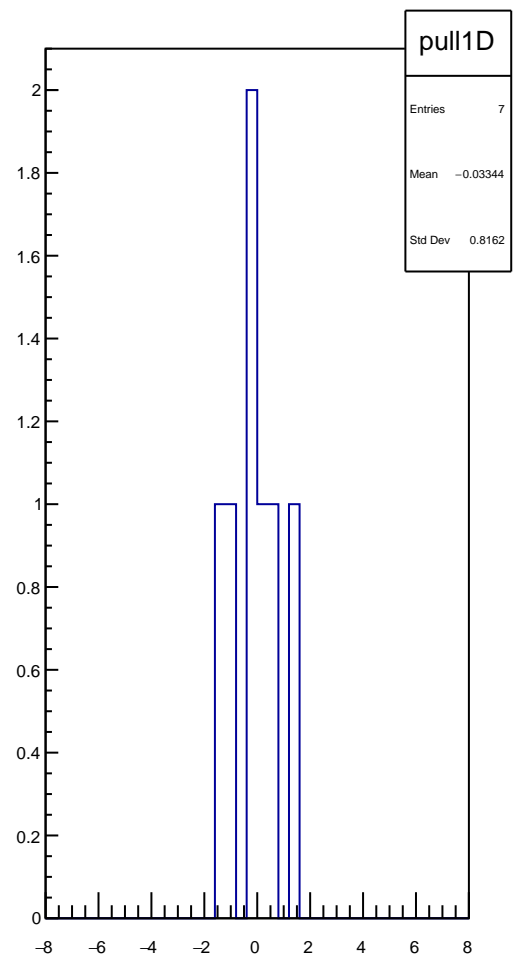
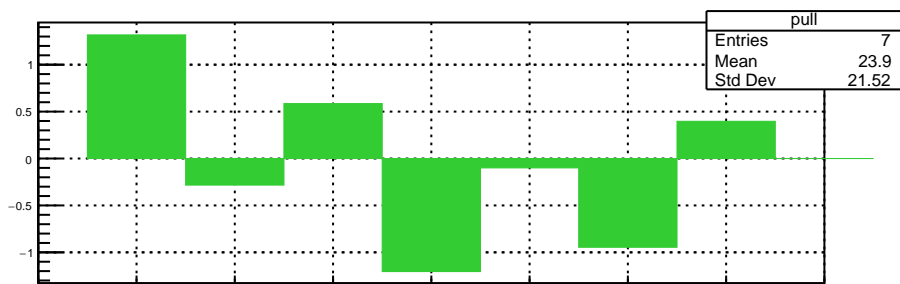
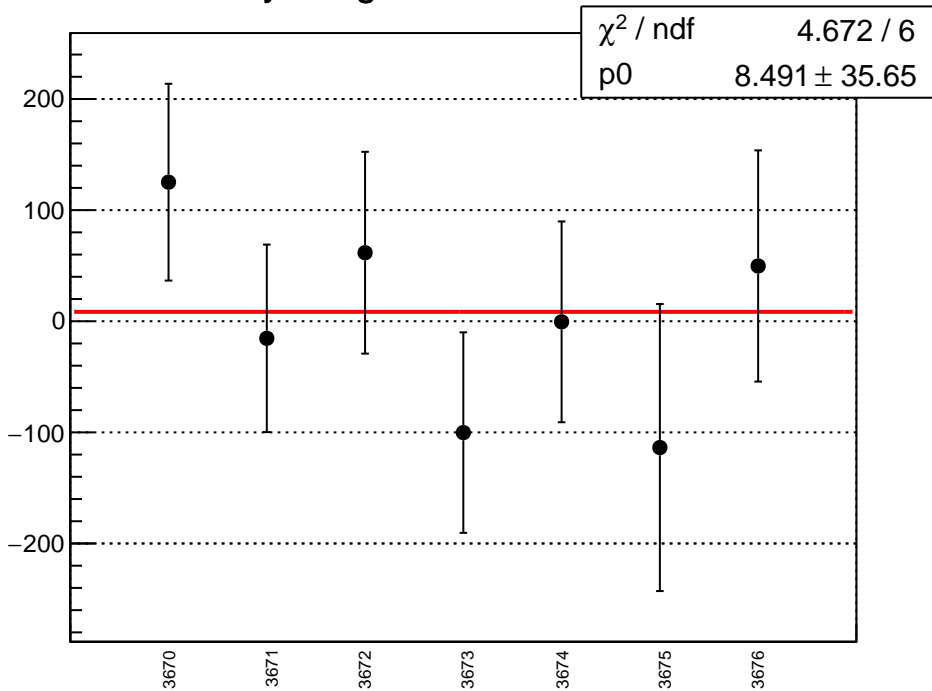
asym_right_dd_correction_mean vs run



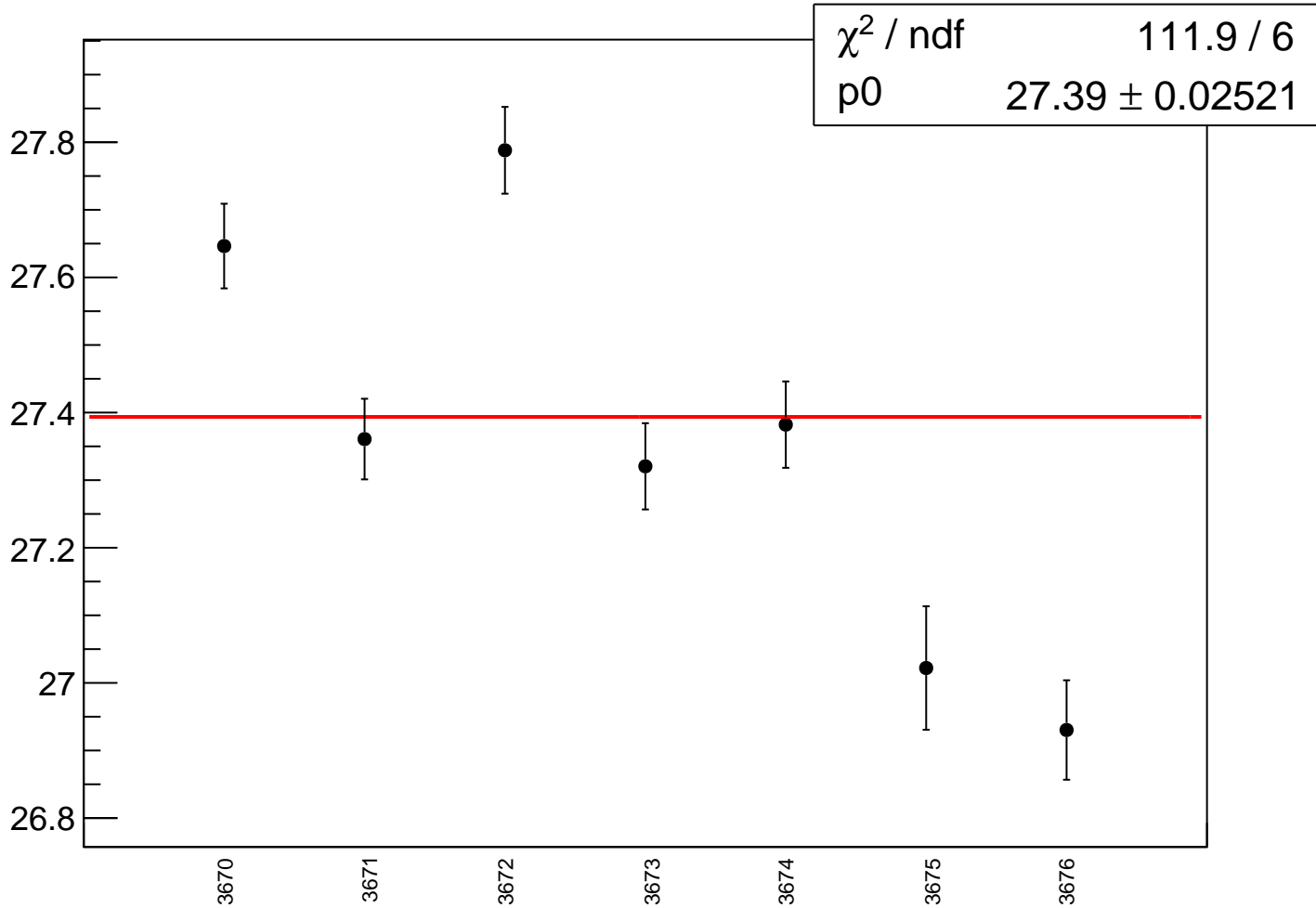
asym_right_dd_correction_rms vs run



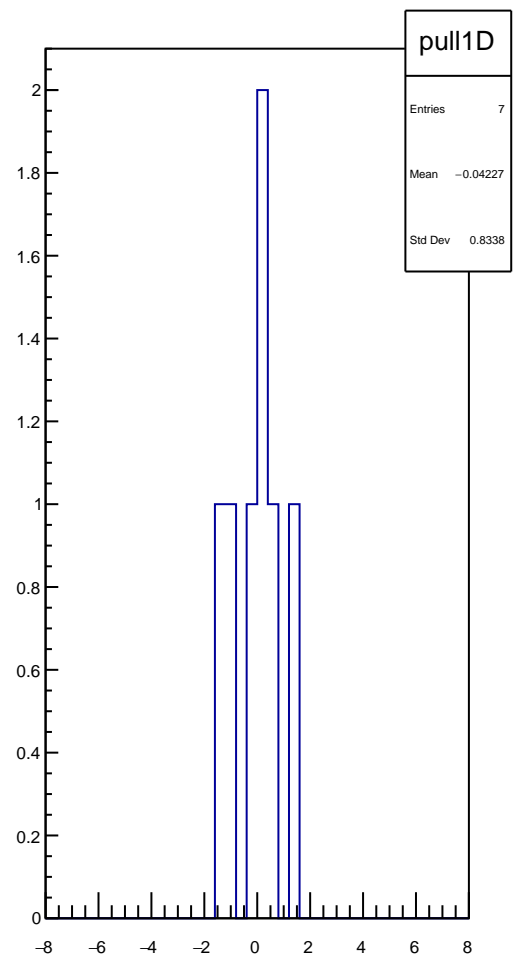
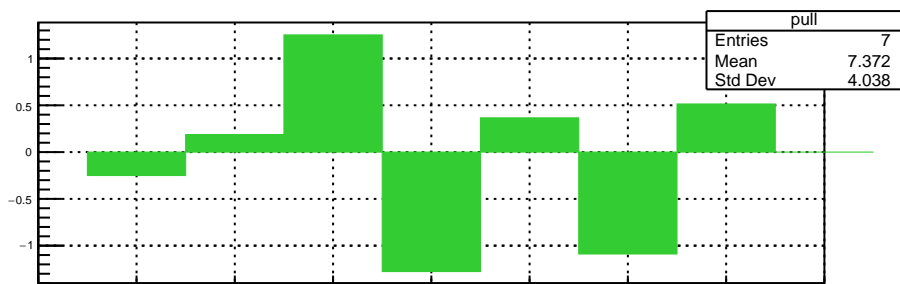
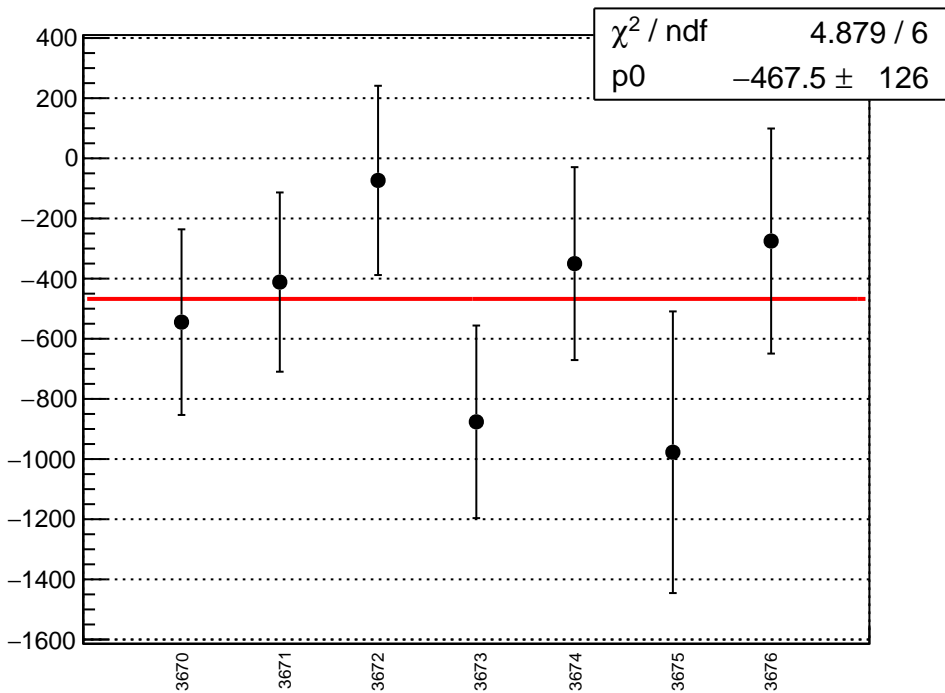
asym_right_dd_mean vs run



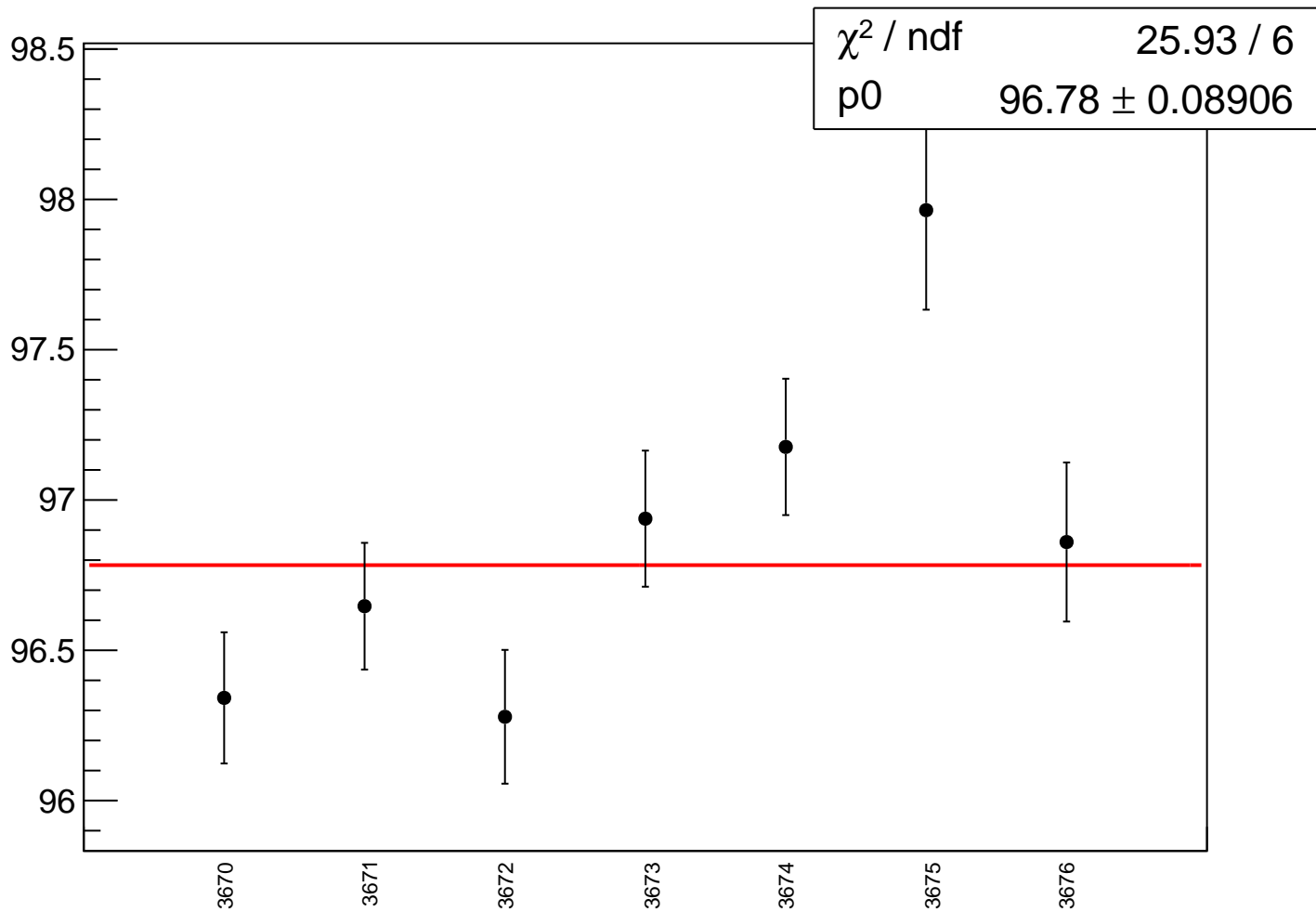
asym_right_dd_rms vs run



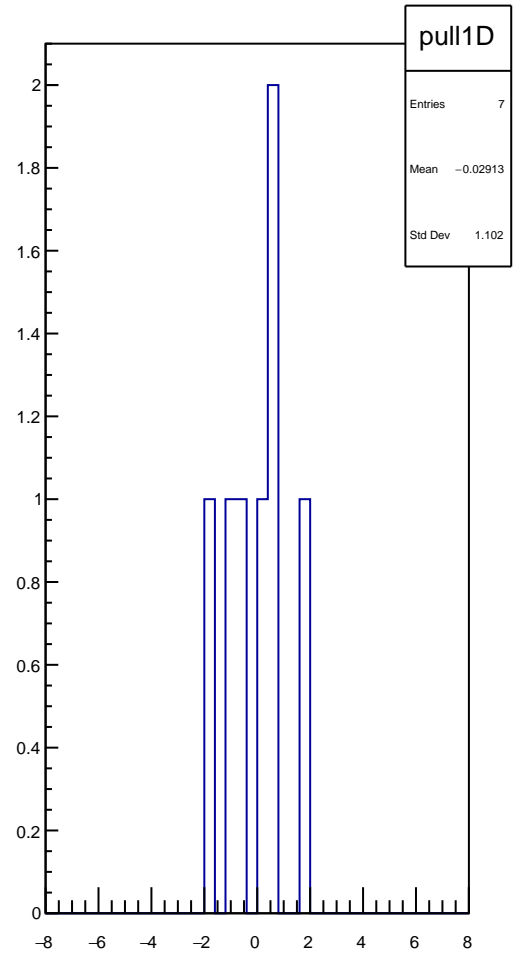
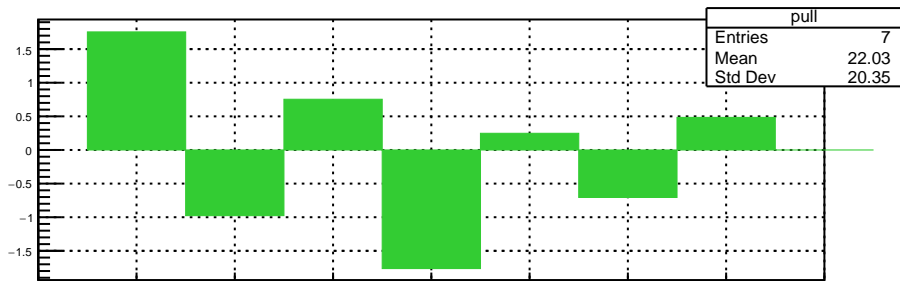
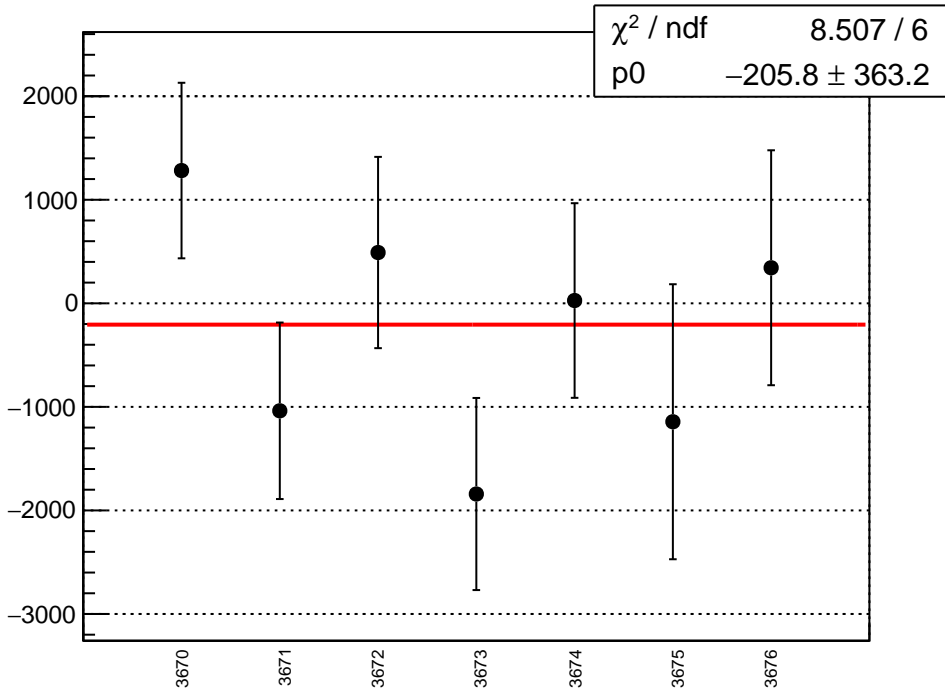
reg_asym_us_avg_mean vs run



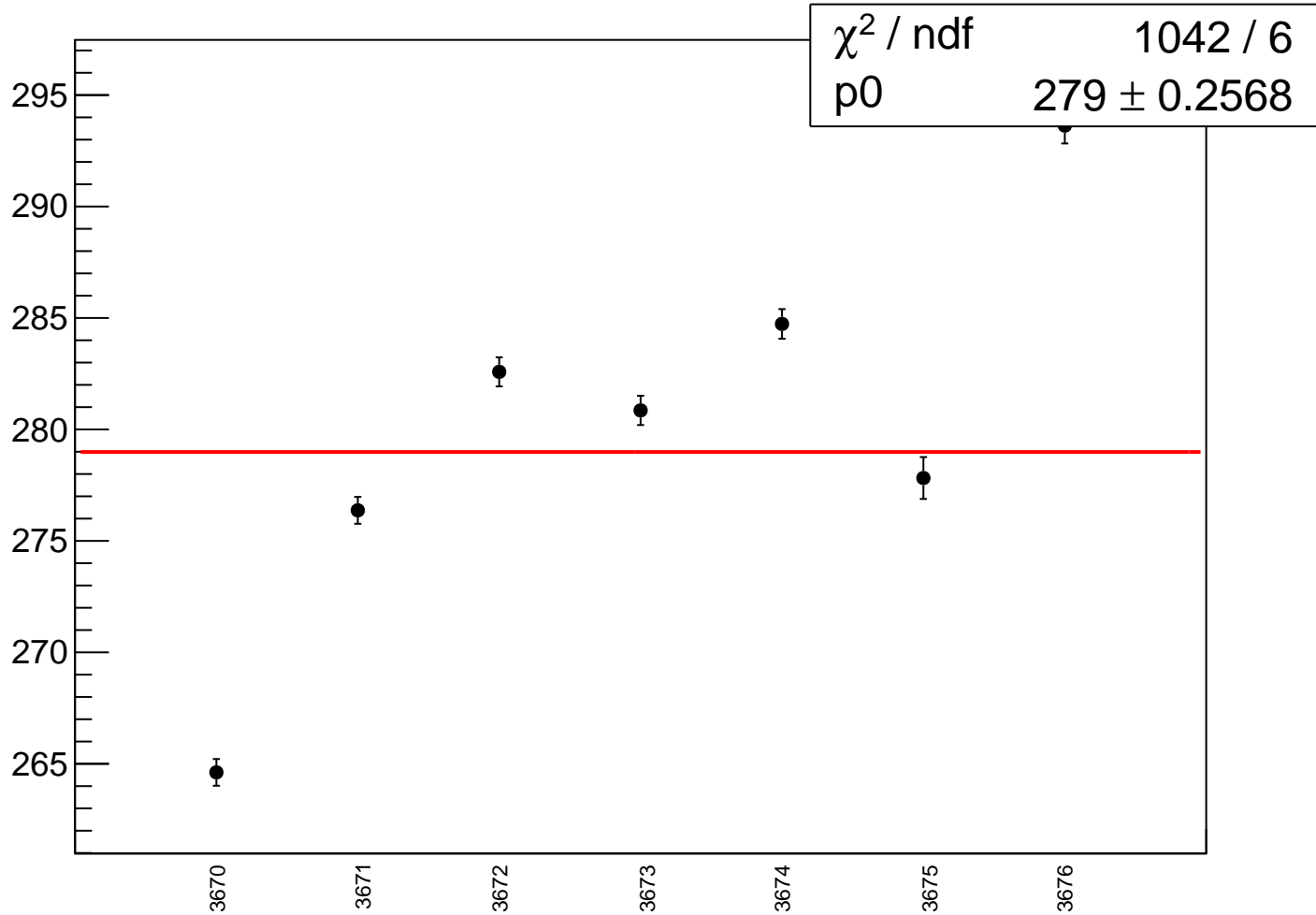
reg_asym_us_avg_rms vs run



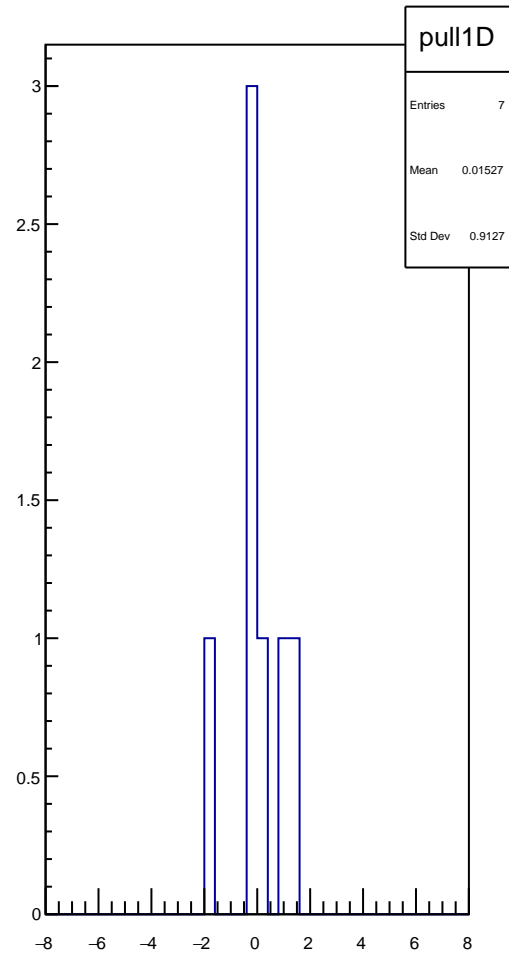
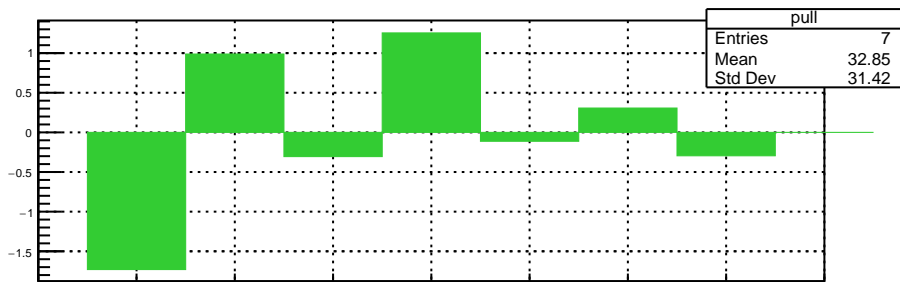
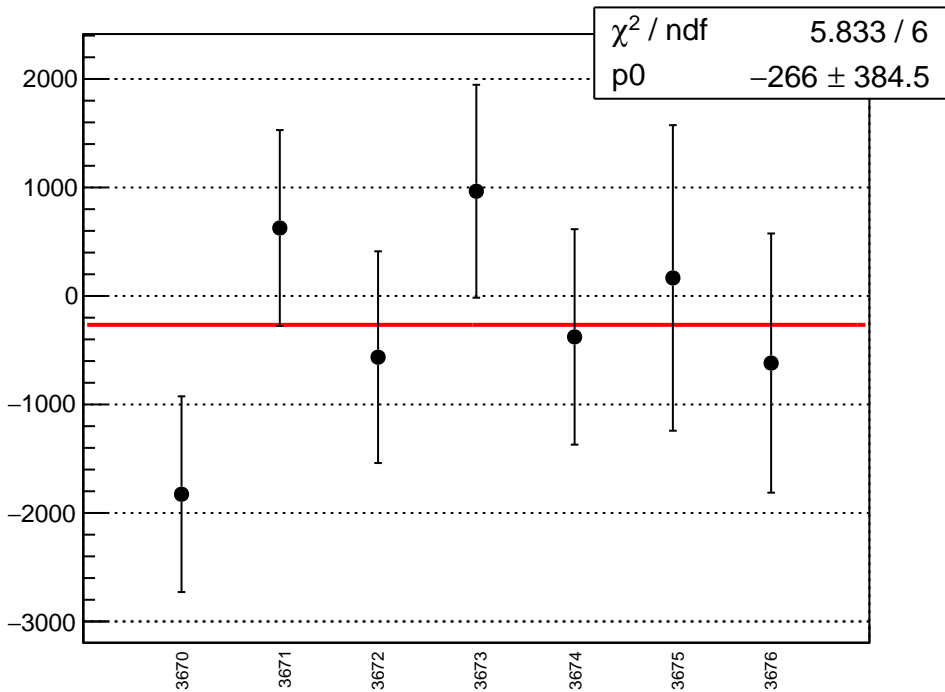
asym_us_avg_correction_mean vs run



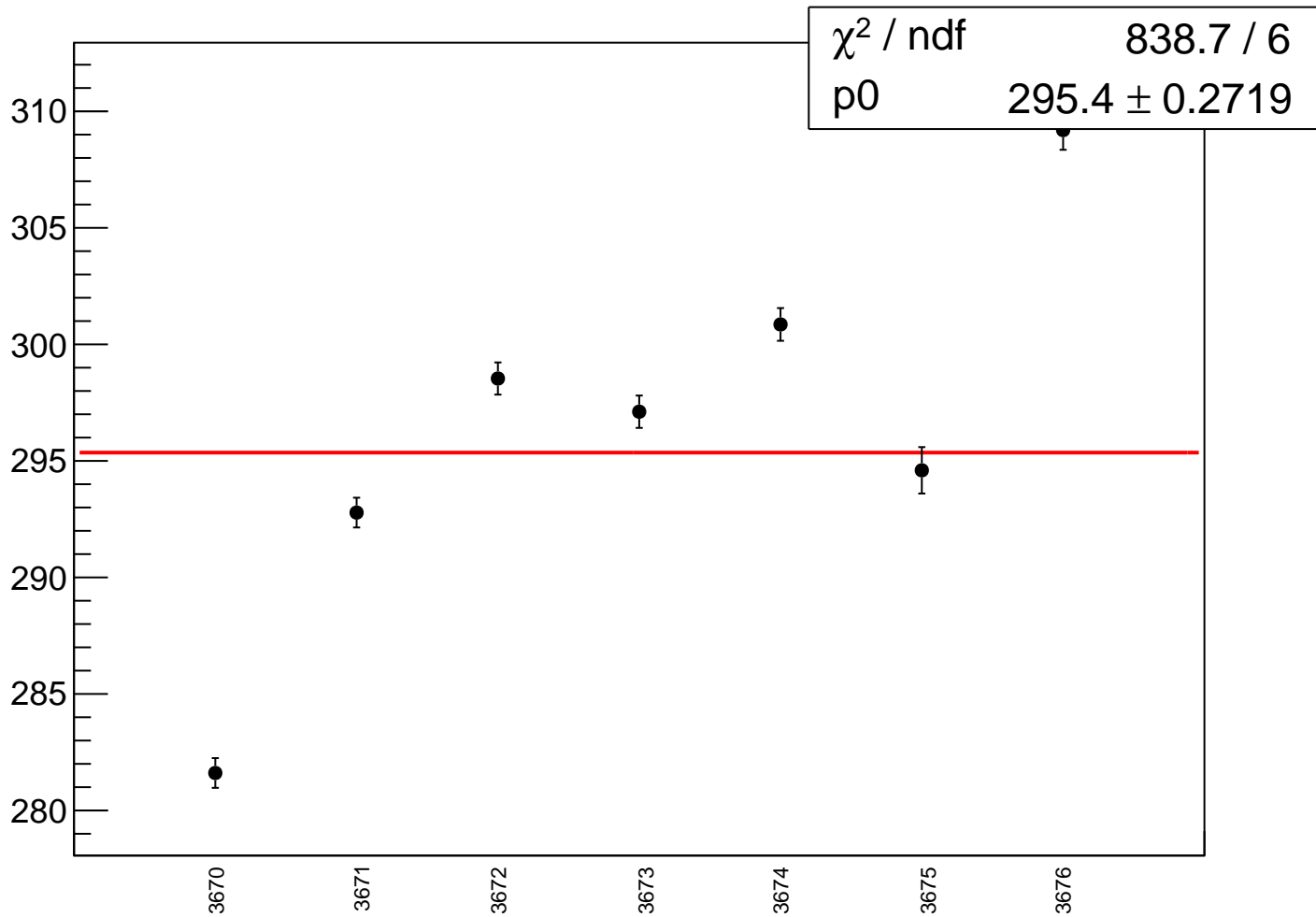
asym_us_avg_correction_rms vs run



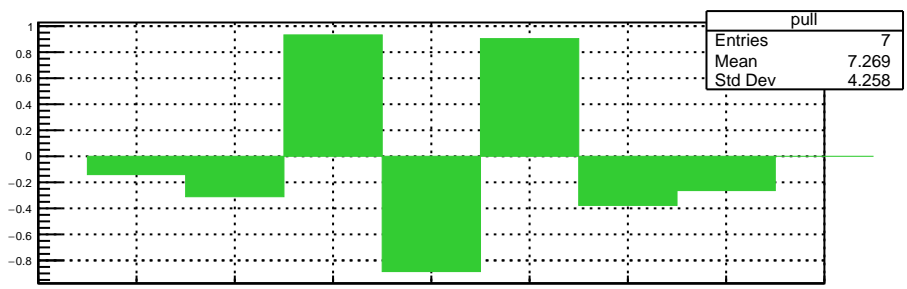
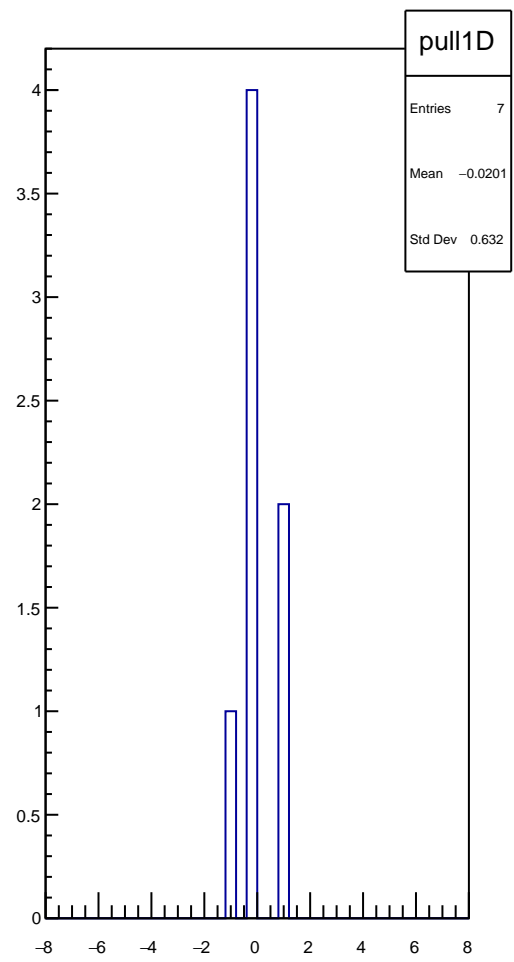
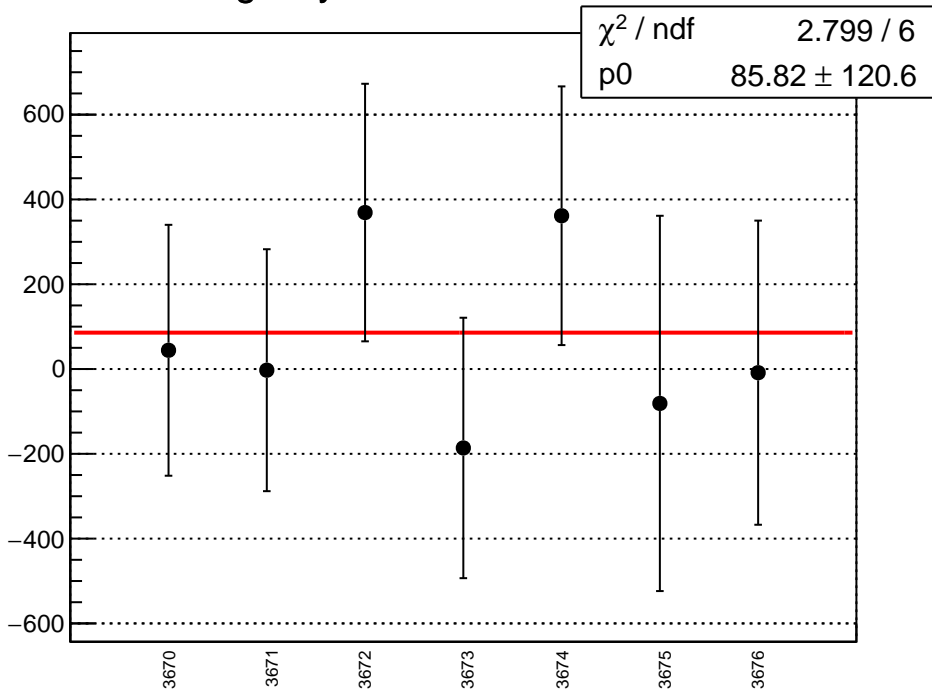
asym_us_avg_mean vs run



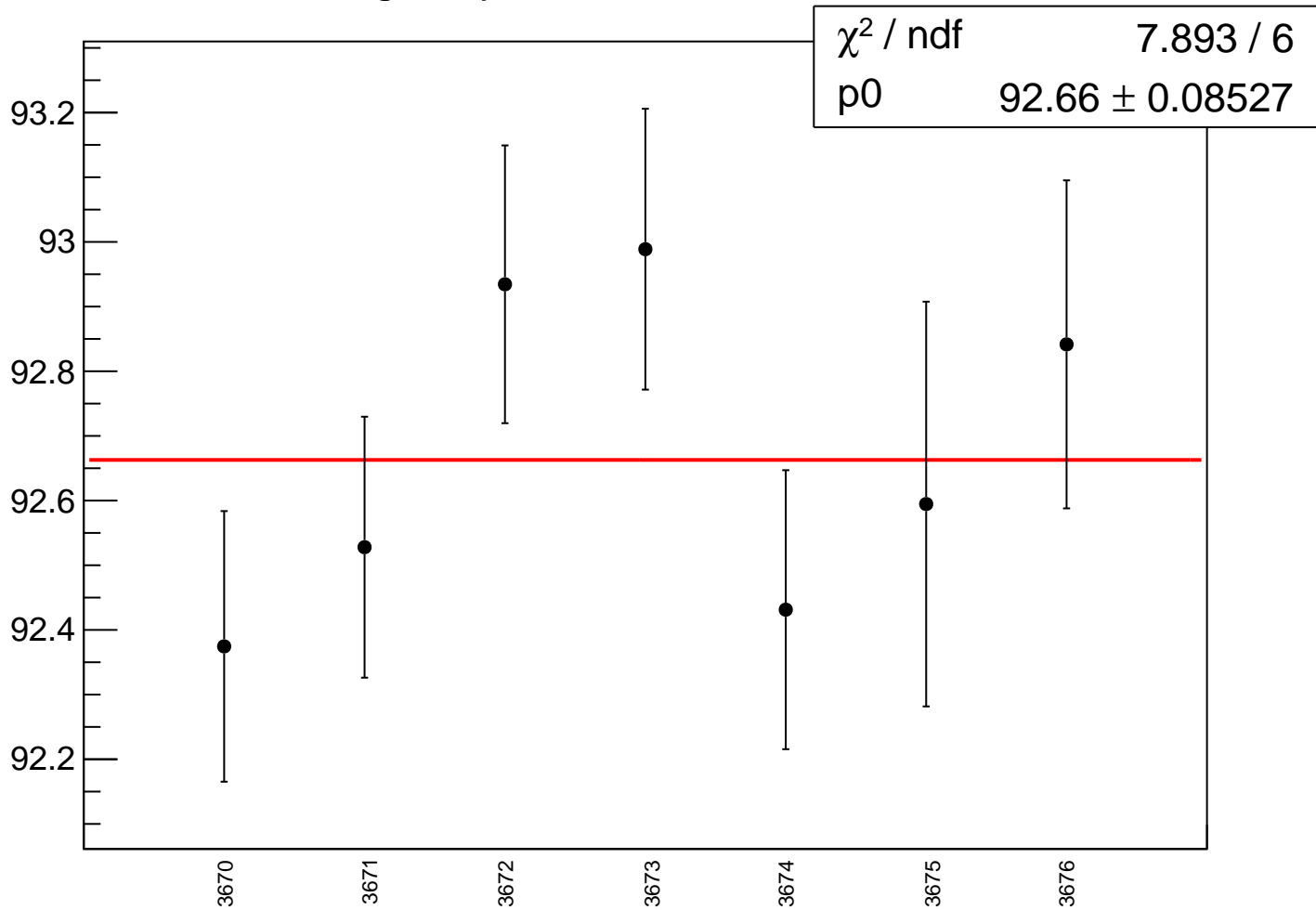
asym_us_avg_rms vs run



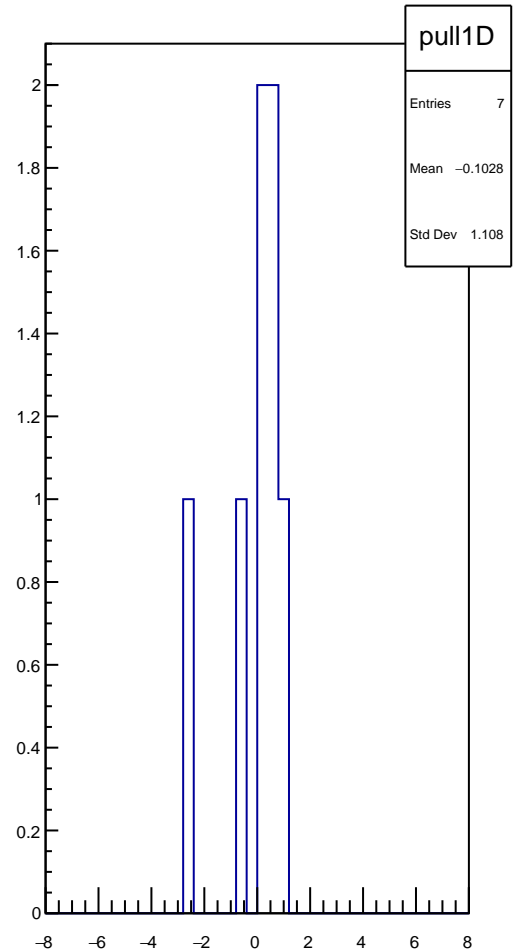
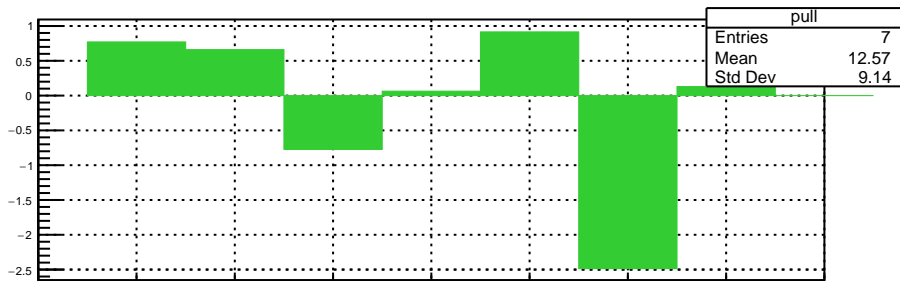
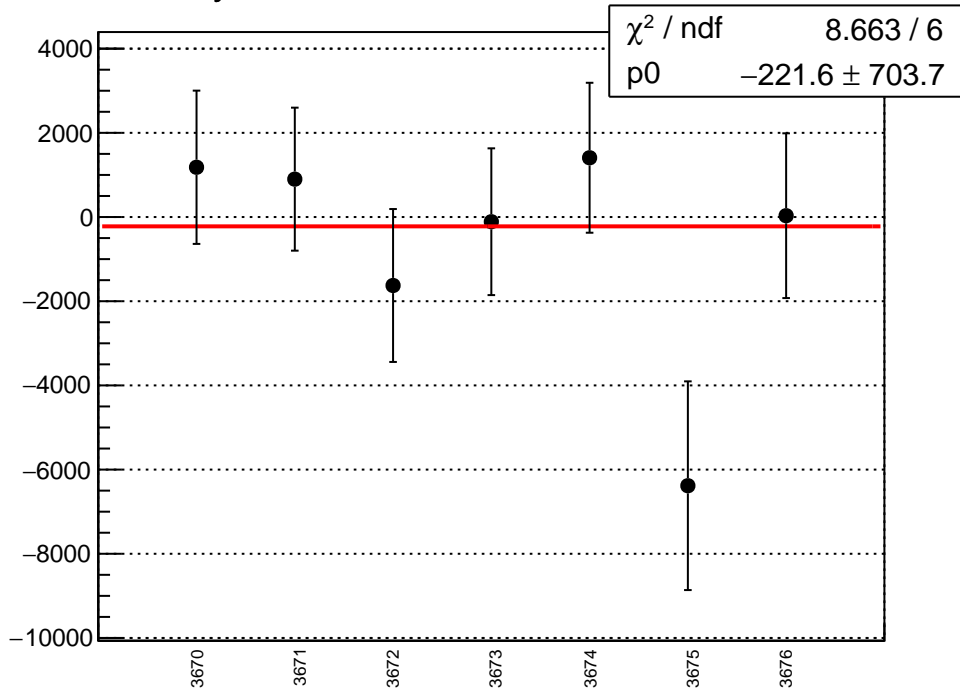
reg_asym_us_dd_mean vs run



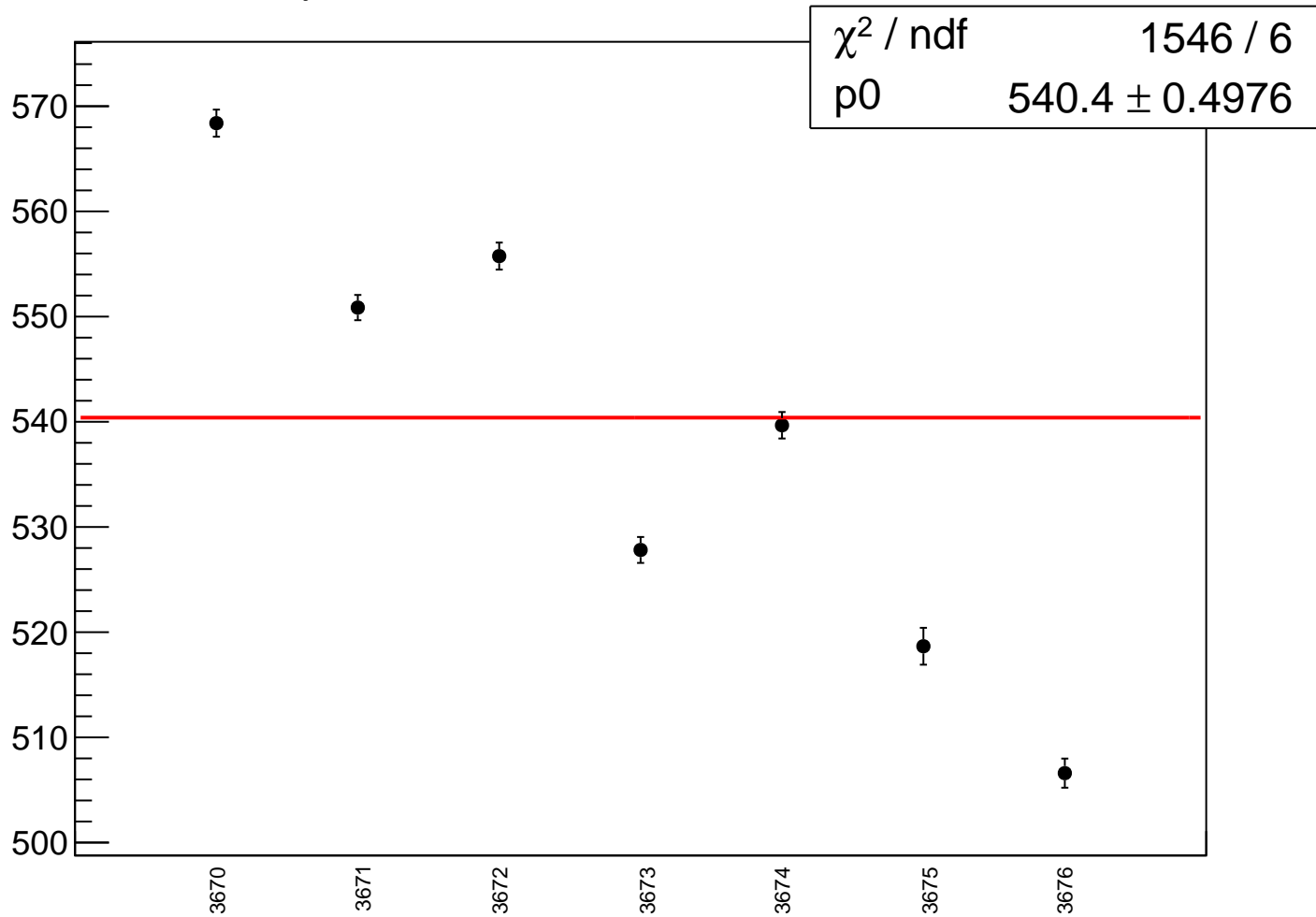
reg_asym_us_dd_rms vs run



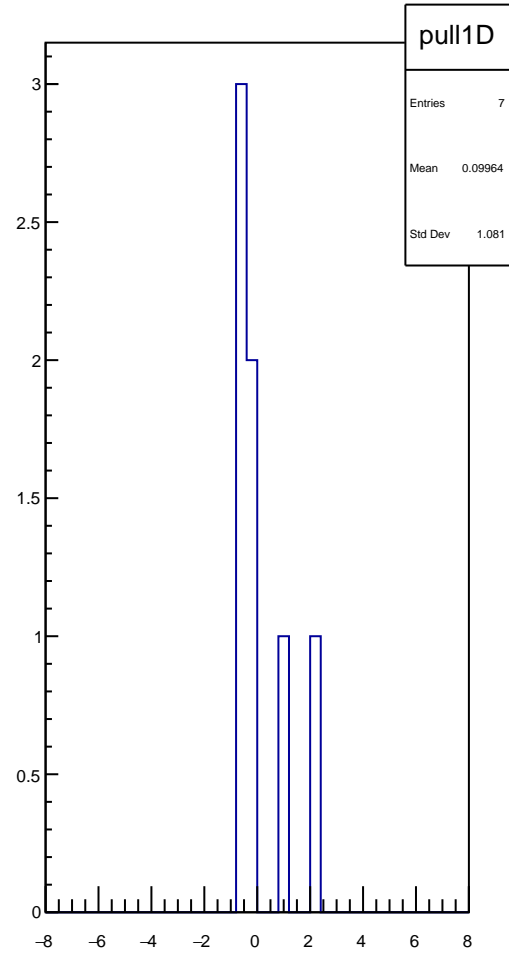
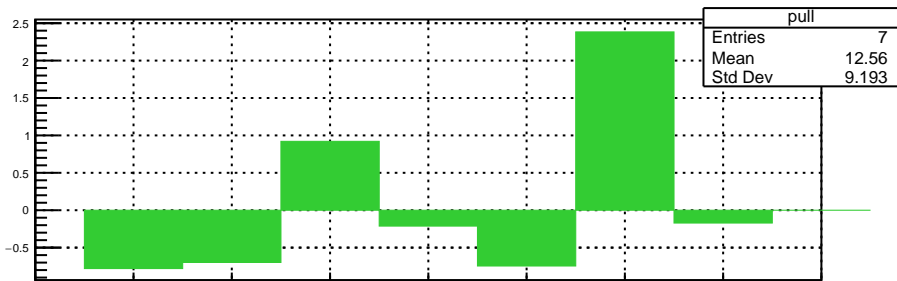
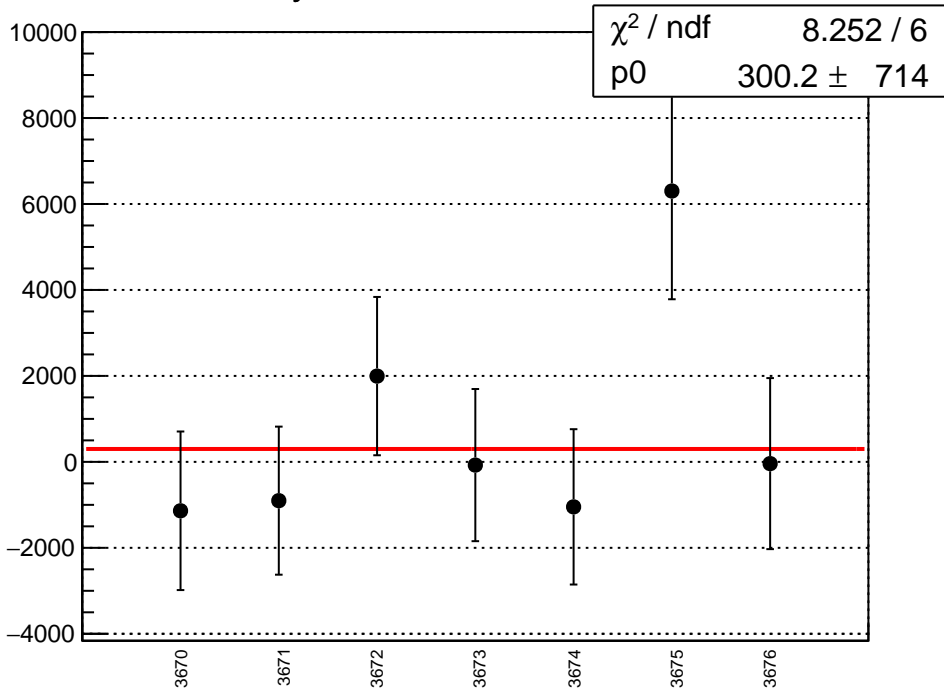
asym_us_dd_correction_mean vs run



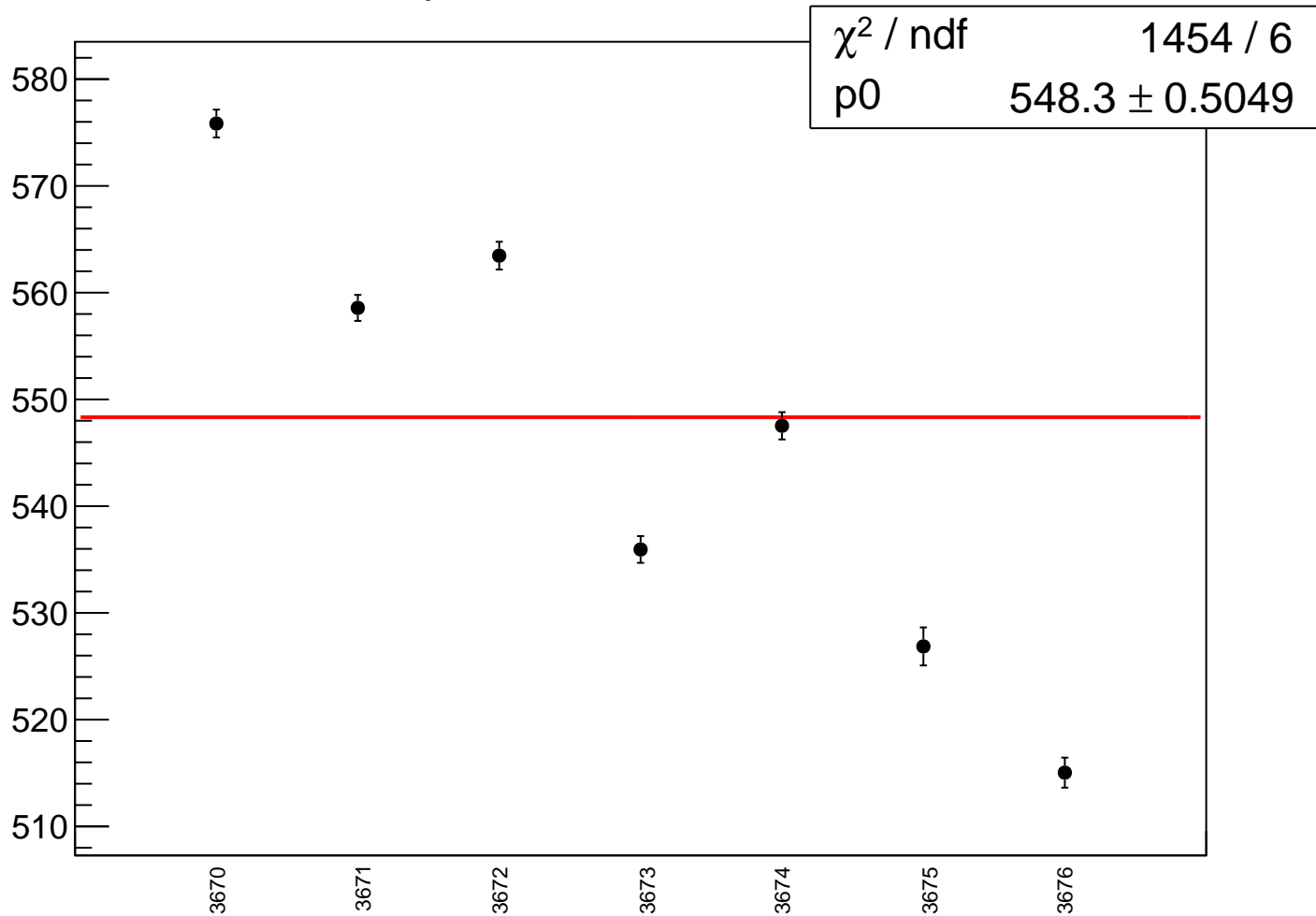
asym_us_dd_correction_rms vs run



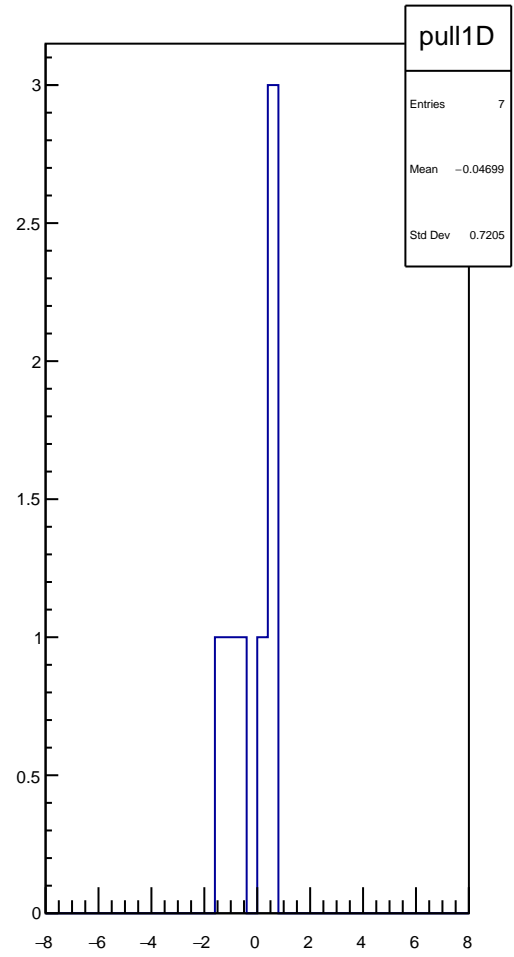
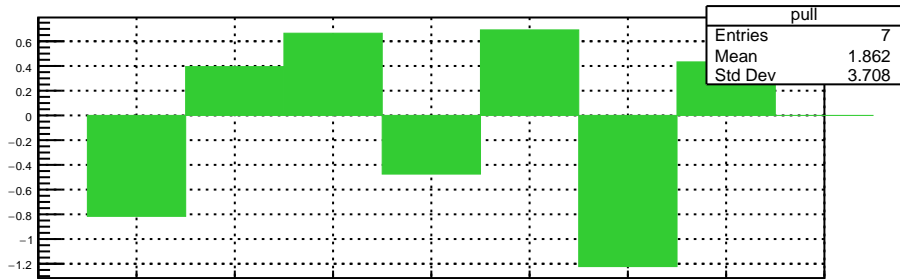
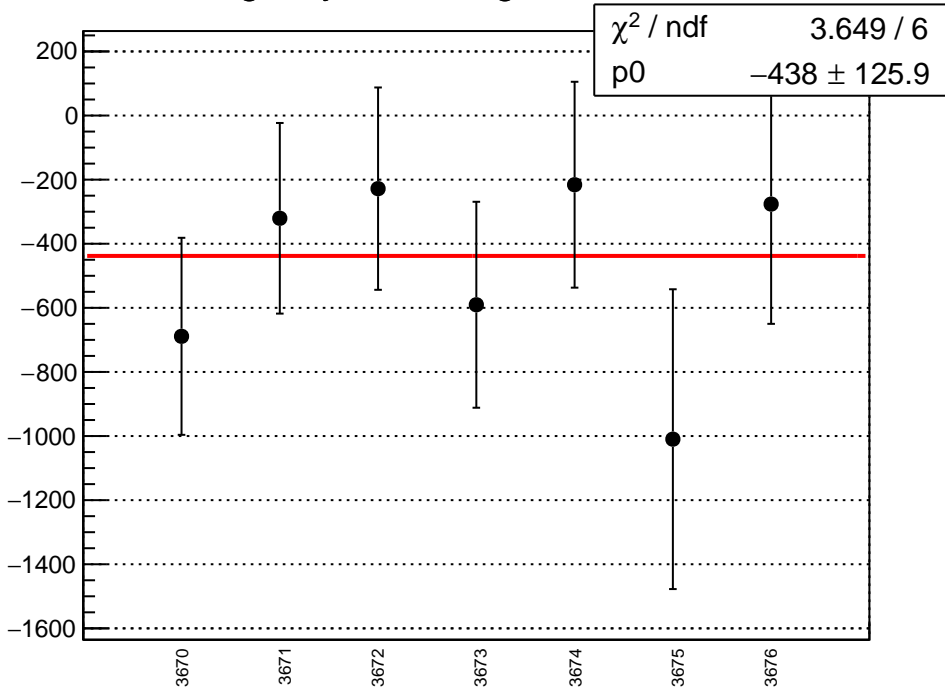
asym_us_dd_mean vs run



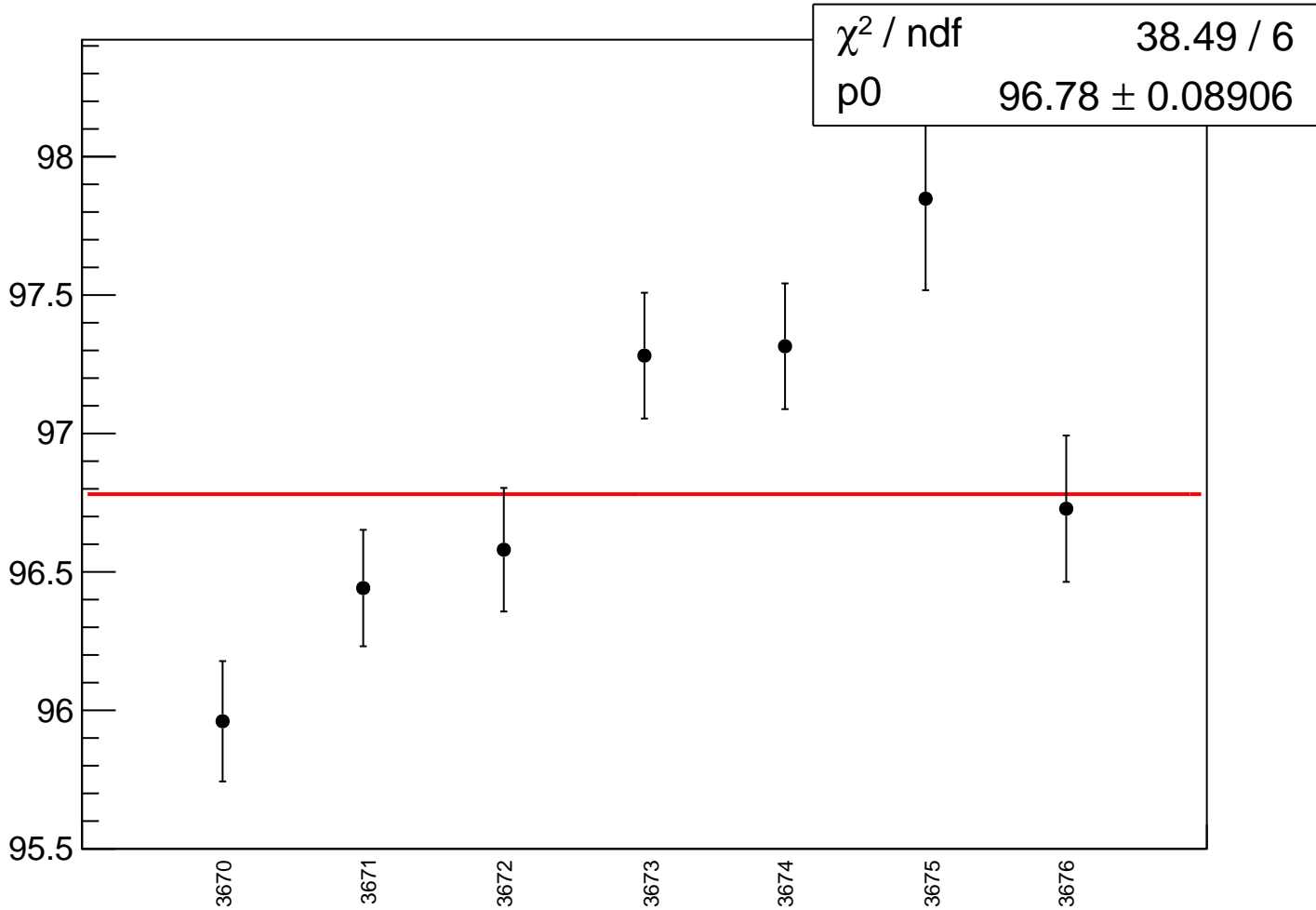
asym_us_dd_rms vs run



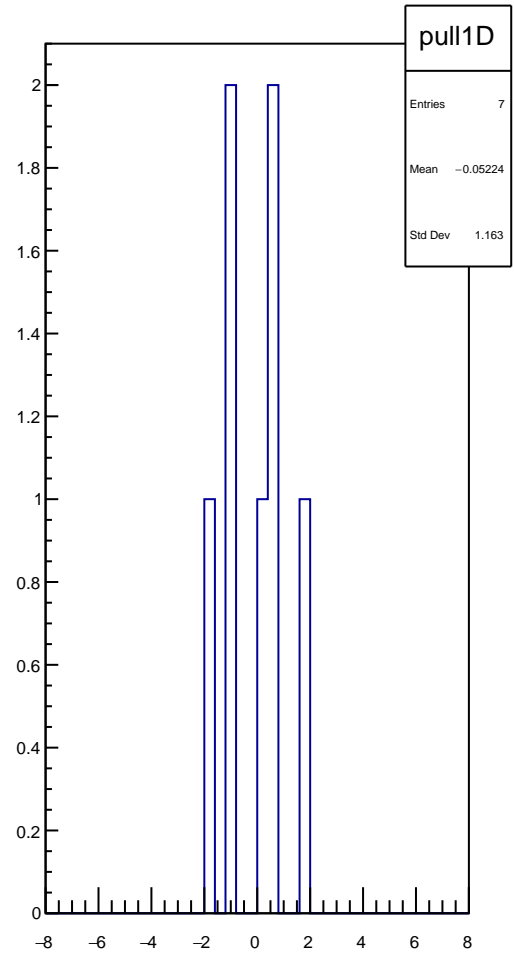
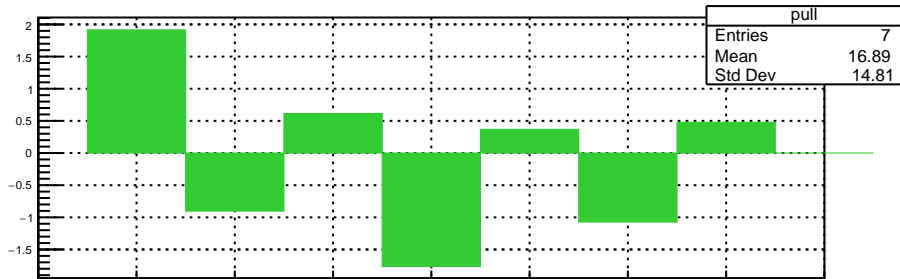
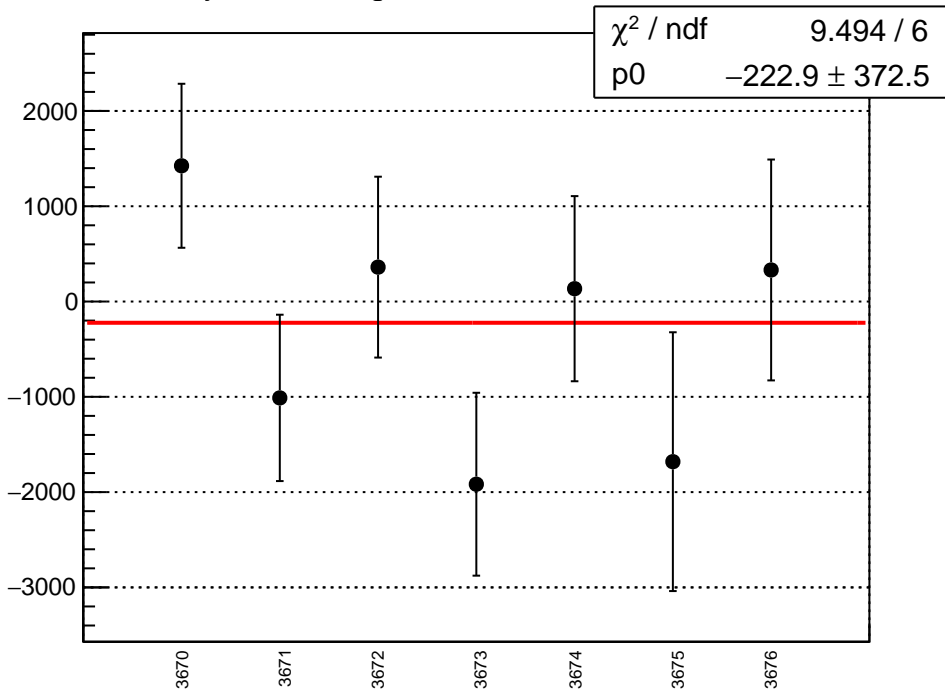
reg_asym_ds_avg_mean vs run



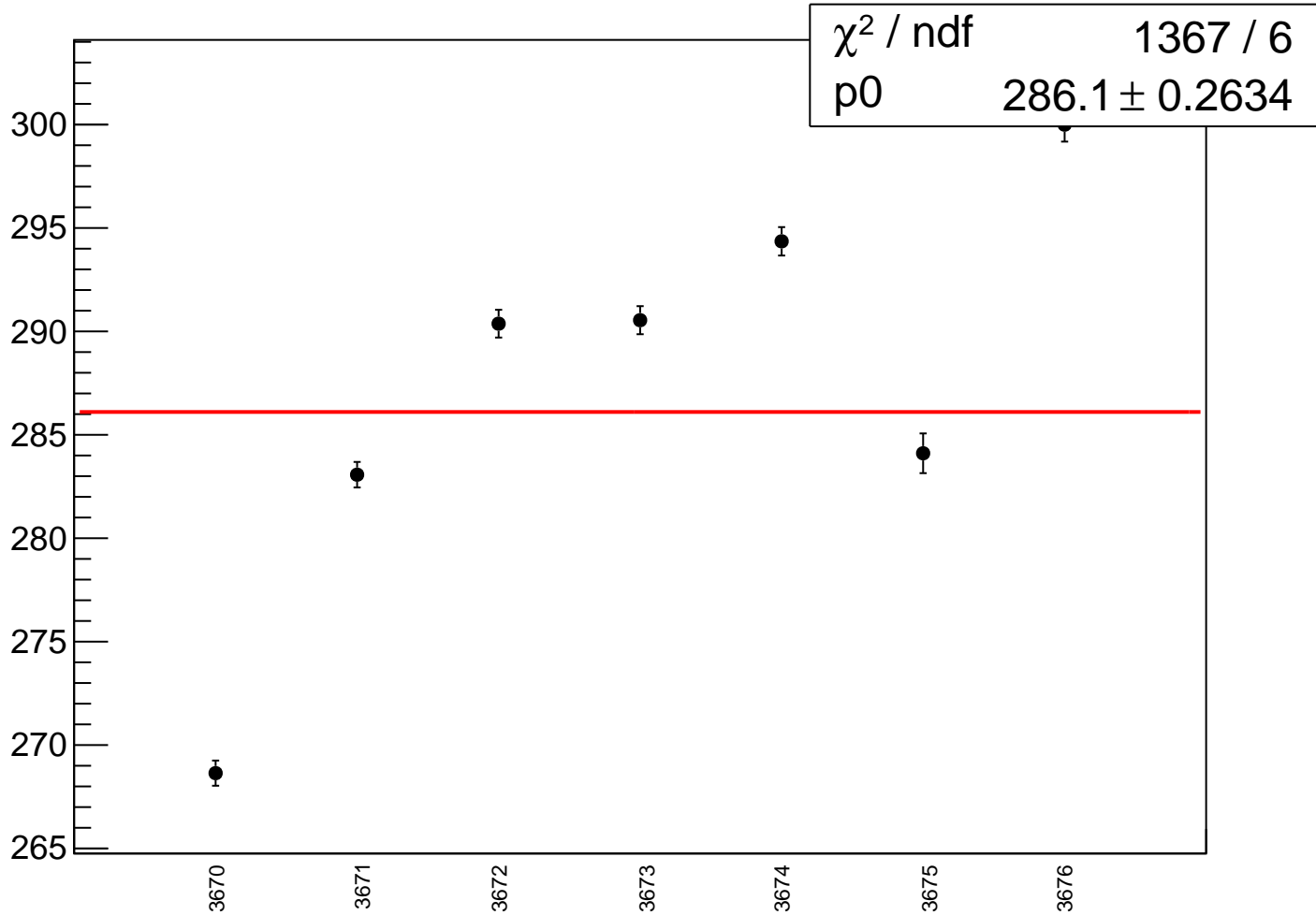
reg_asym_ds_avg_rms vs run



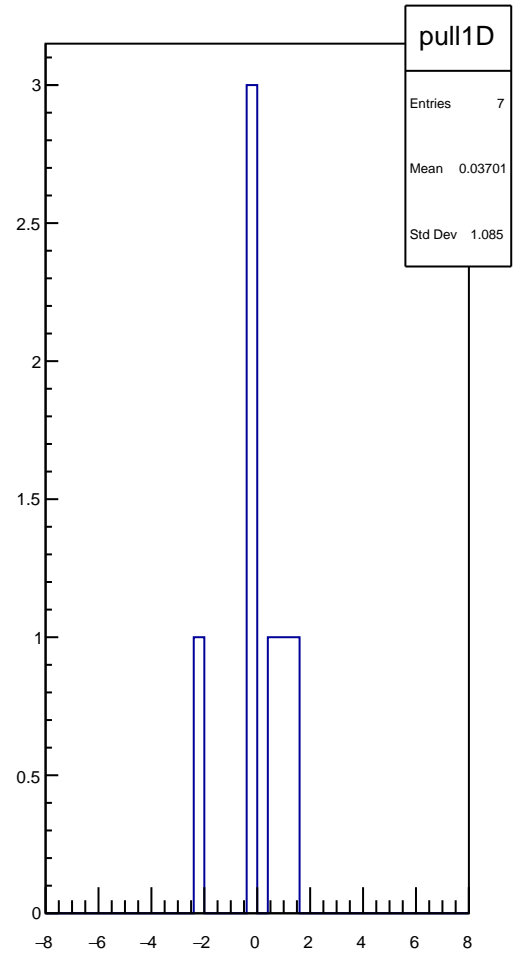
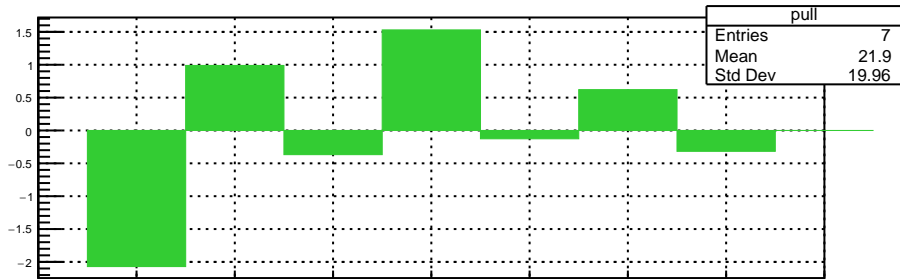
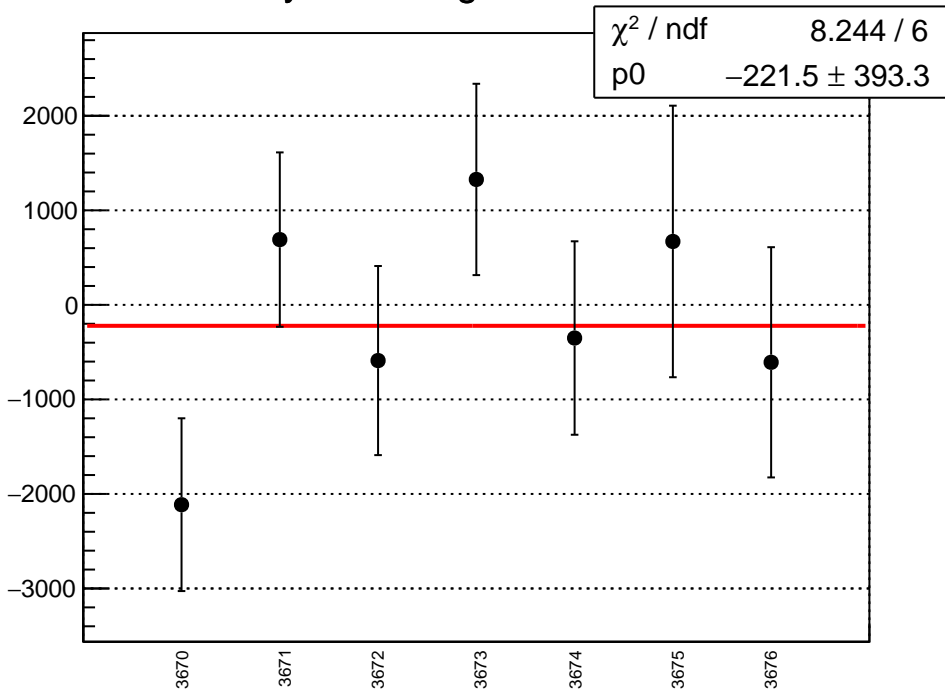
asym_ds_avg_correction_mean vs run



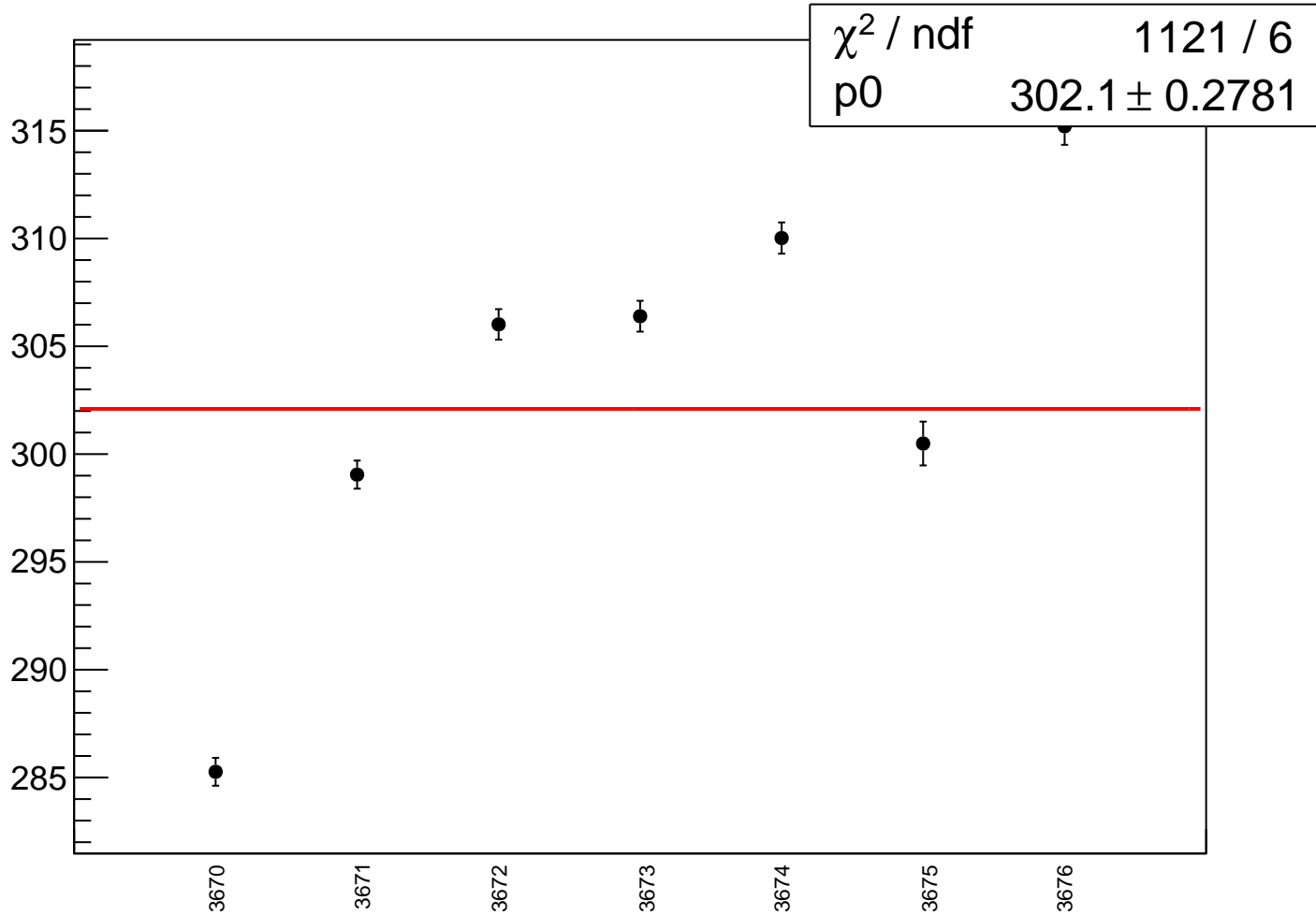
asym_ds_avg_correction_rms vs run



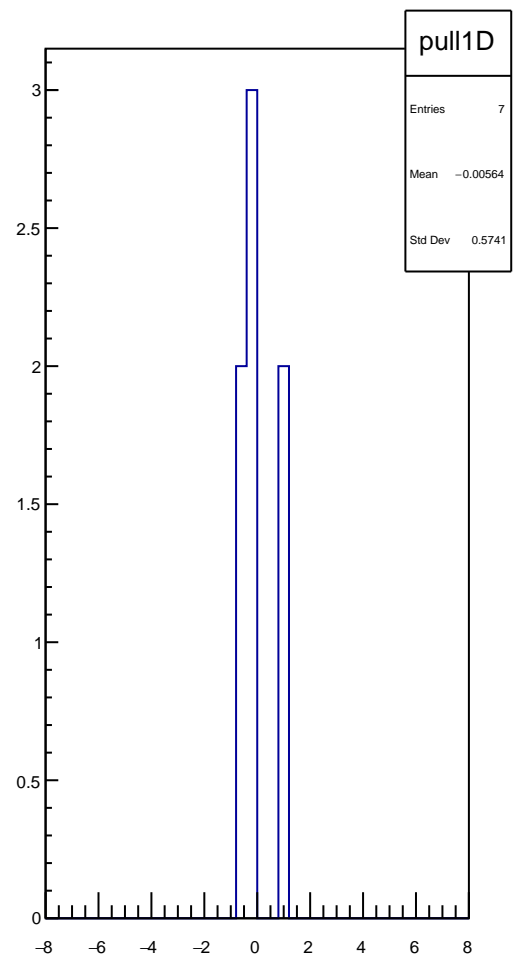
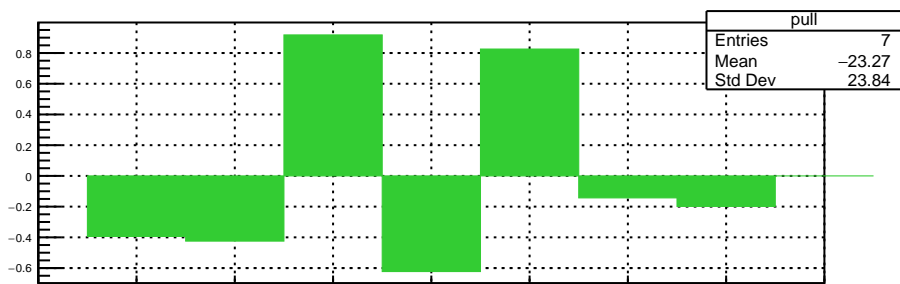
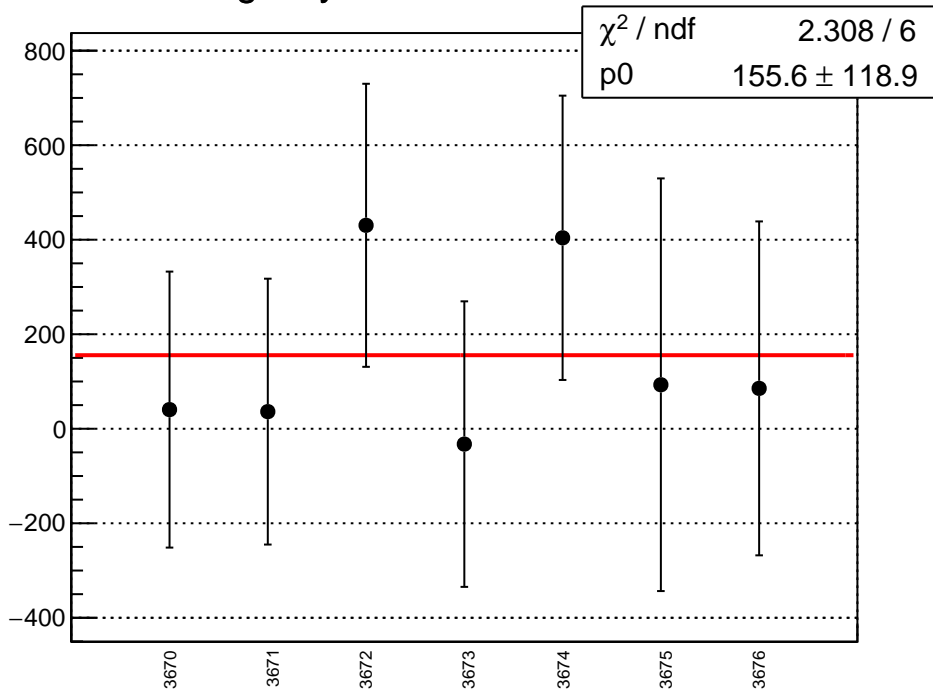
asym_ds_avg_mean vs run



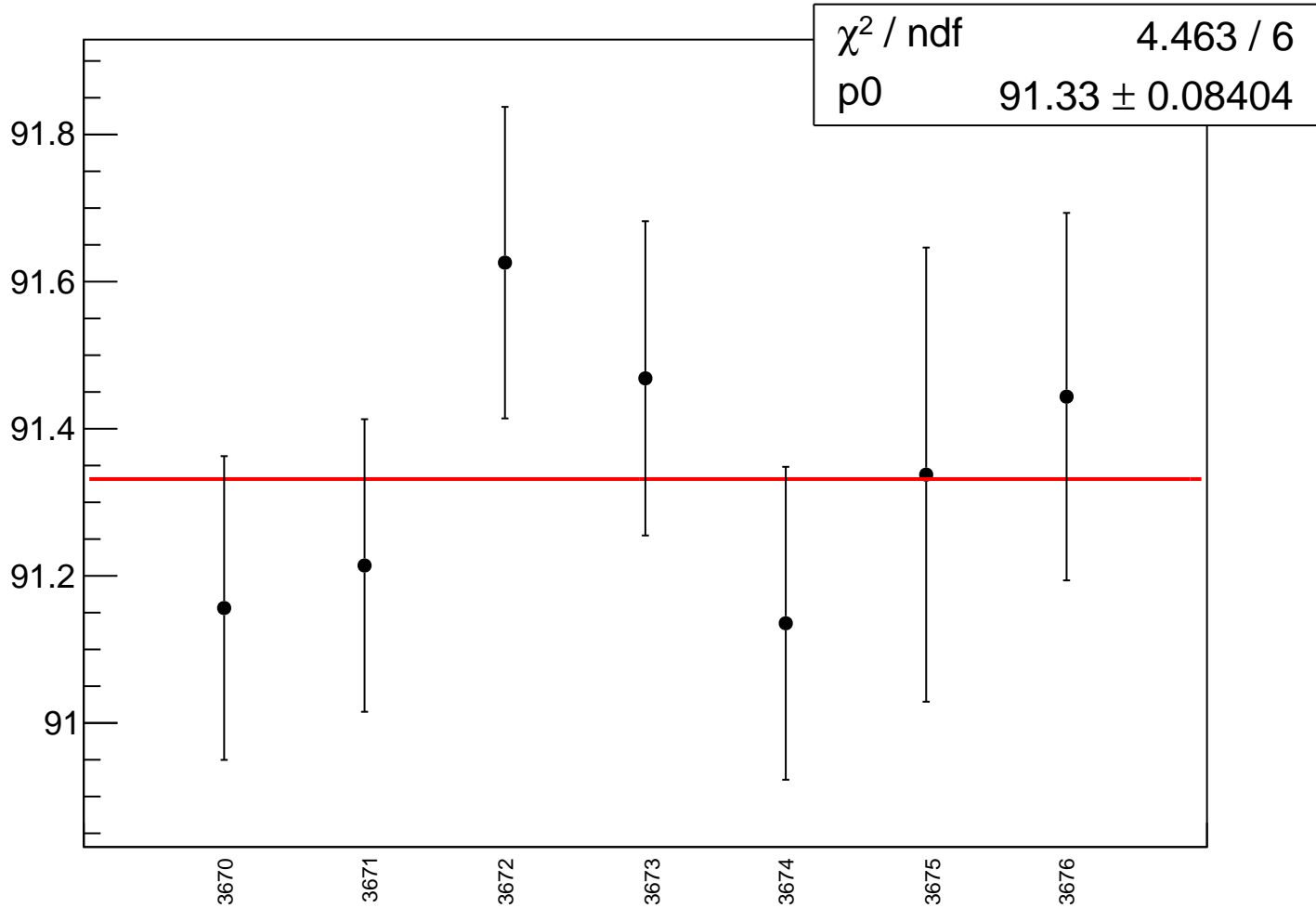
asym_ds_avg_rms vs run



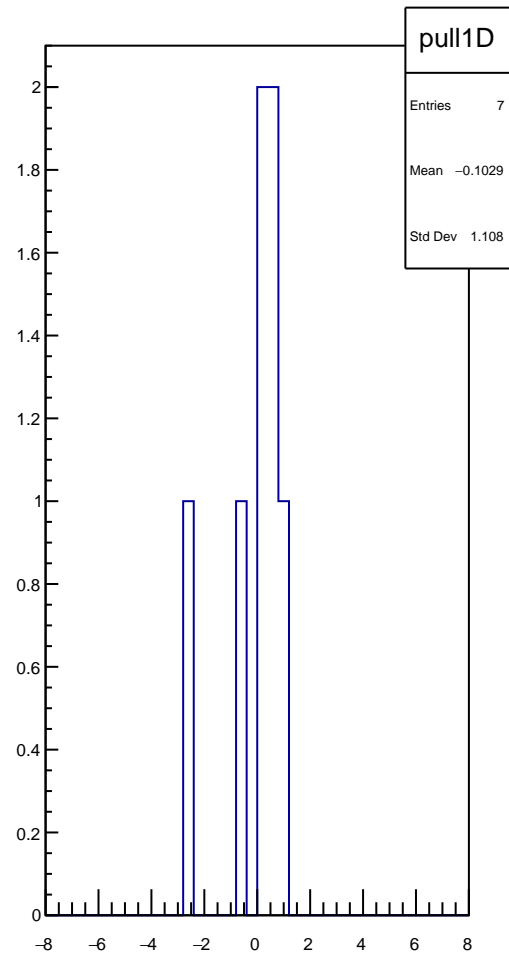
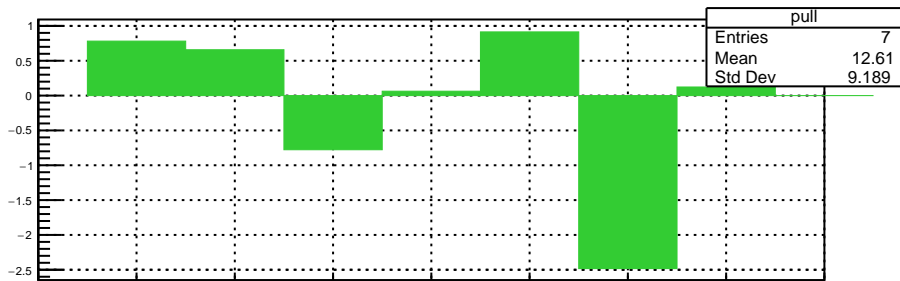
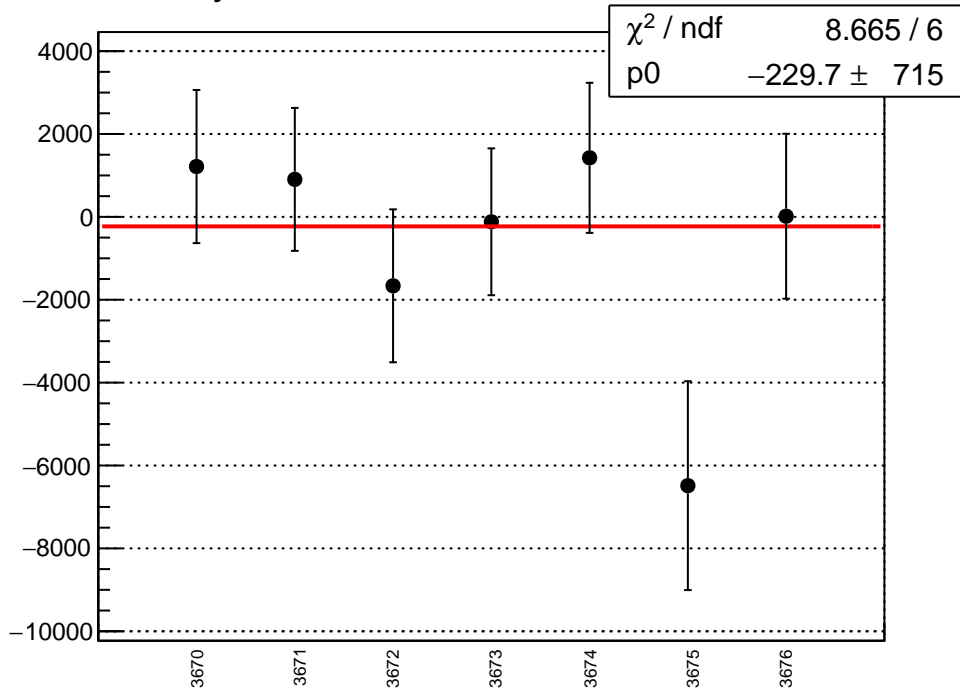
reg_asym_ds_dd_mean vs run



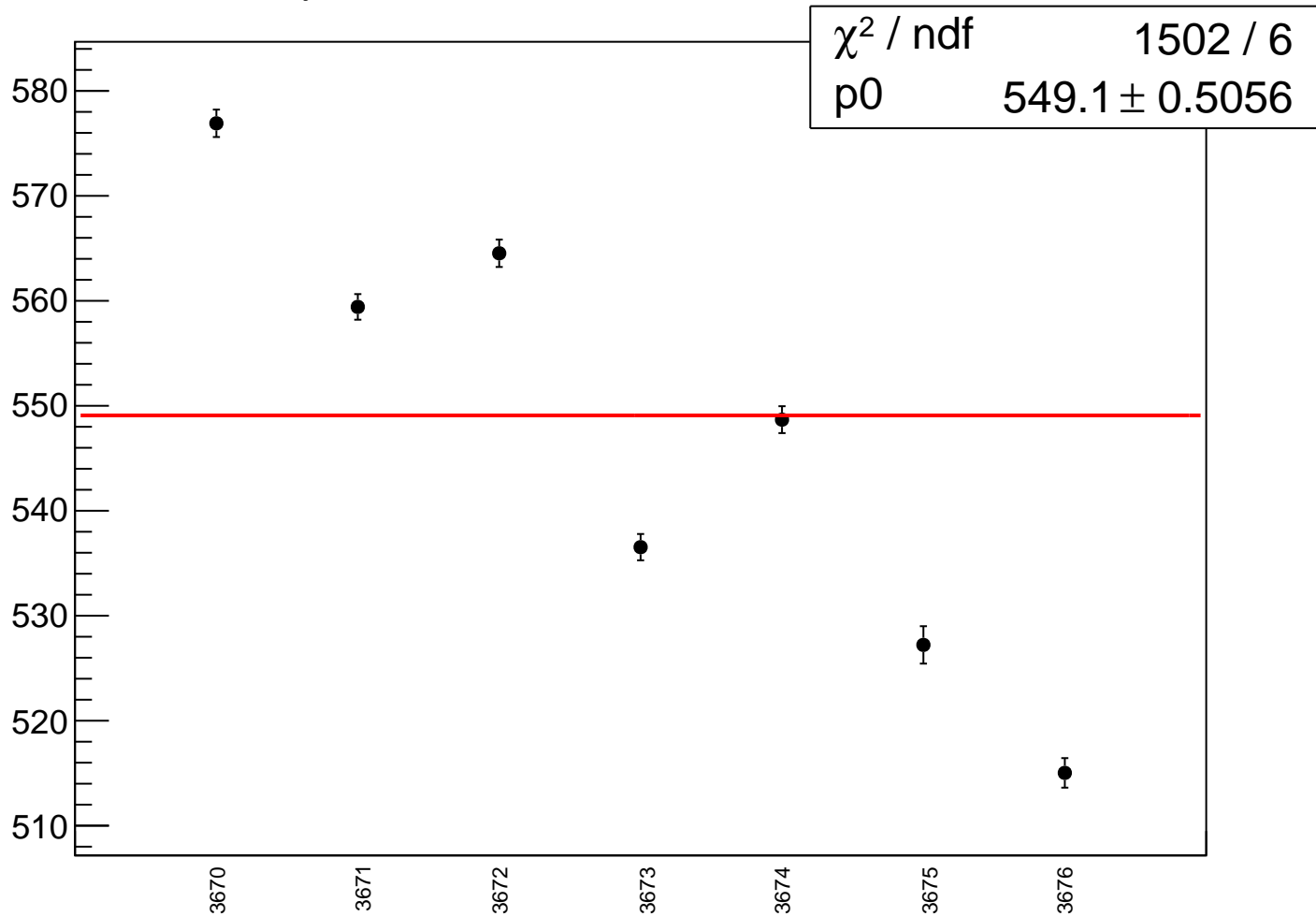
reg_asym_ds_dd_rms vs run



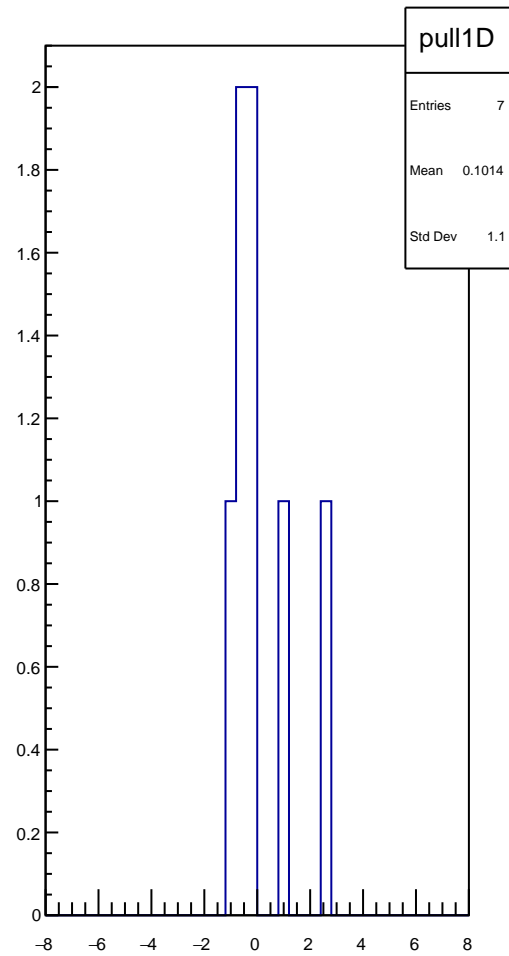
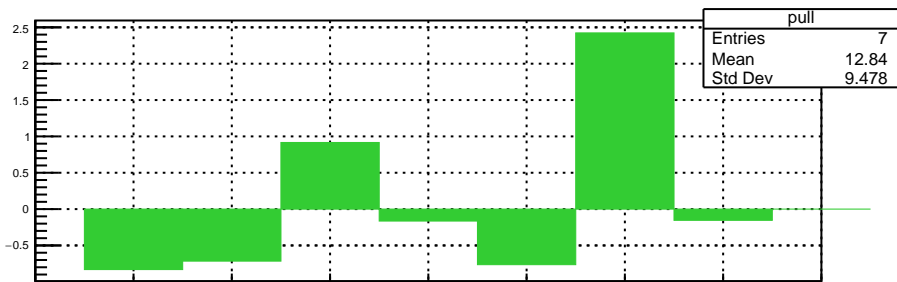
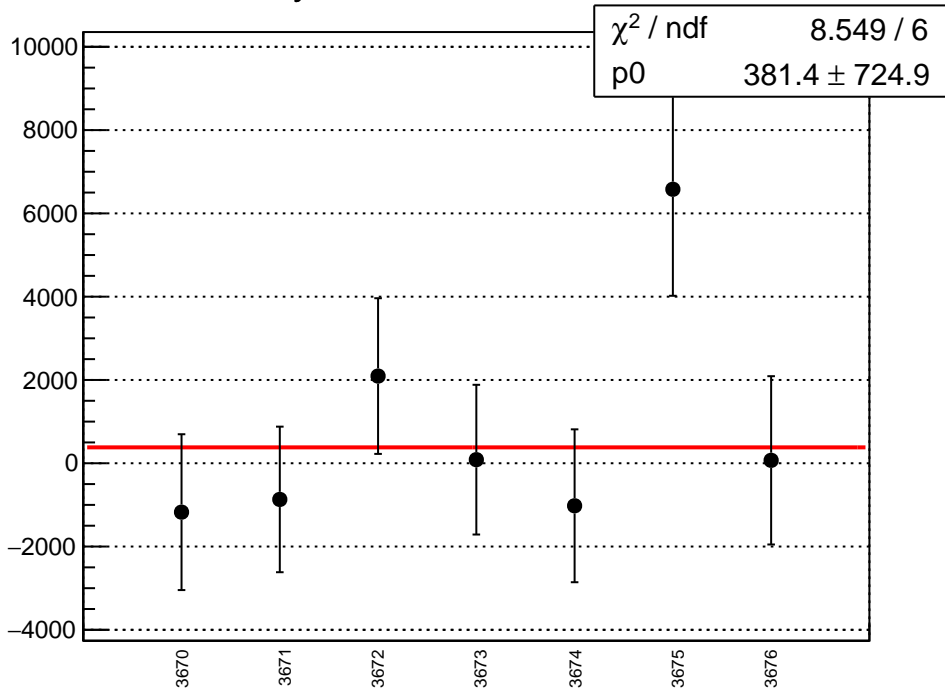
asym_ds_dd_correction_mean vs run



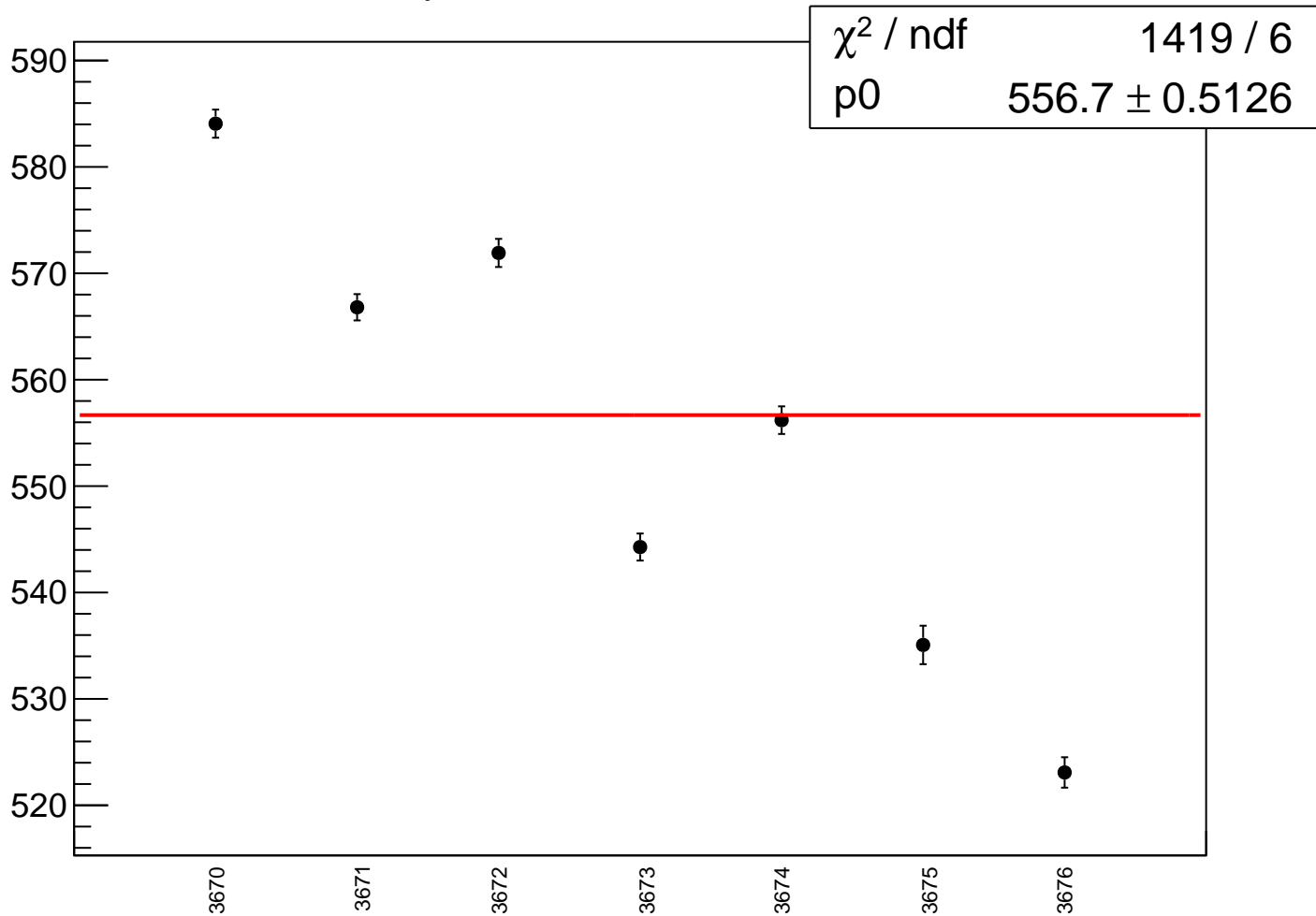
asym_ds_dd_correction_rms vs run



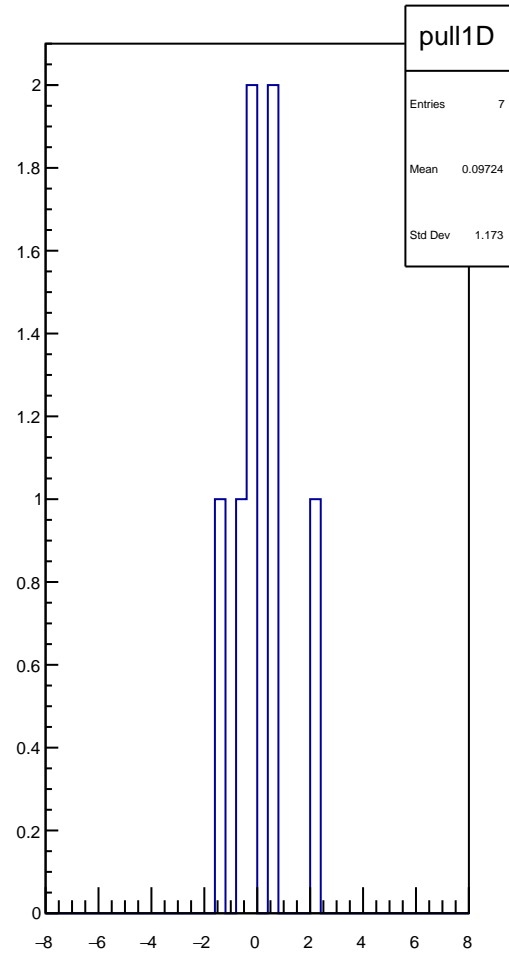
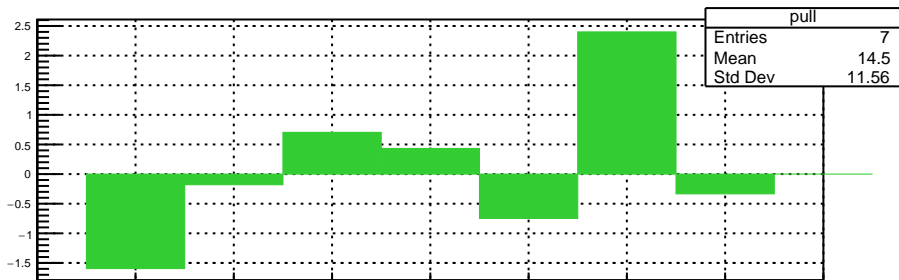
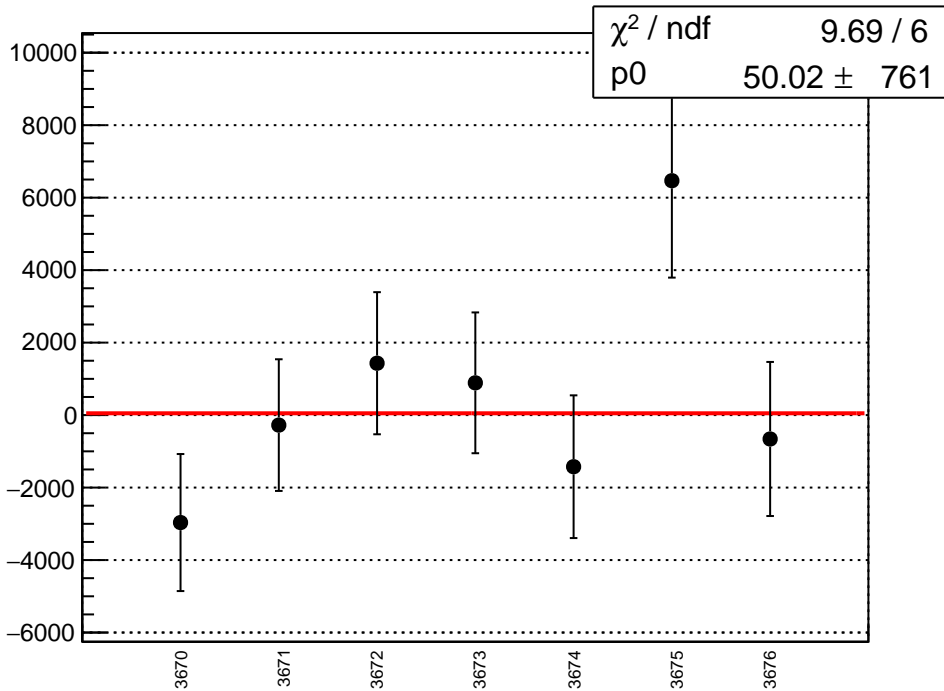
asym_ds_dd_mean vs run



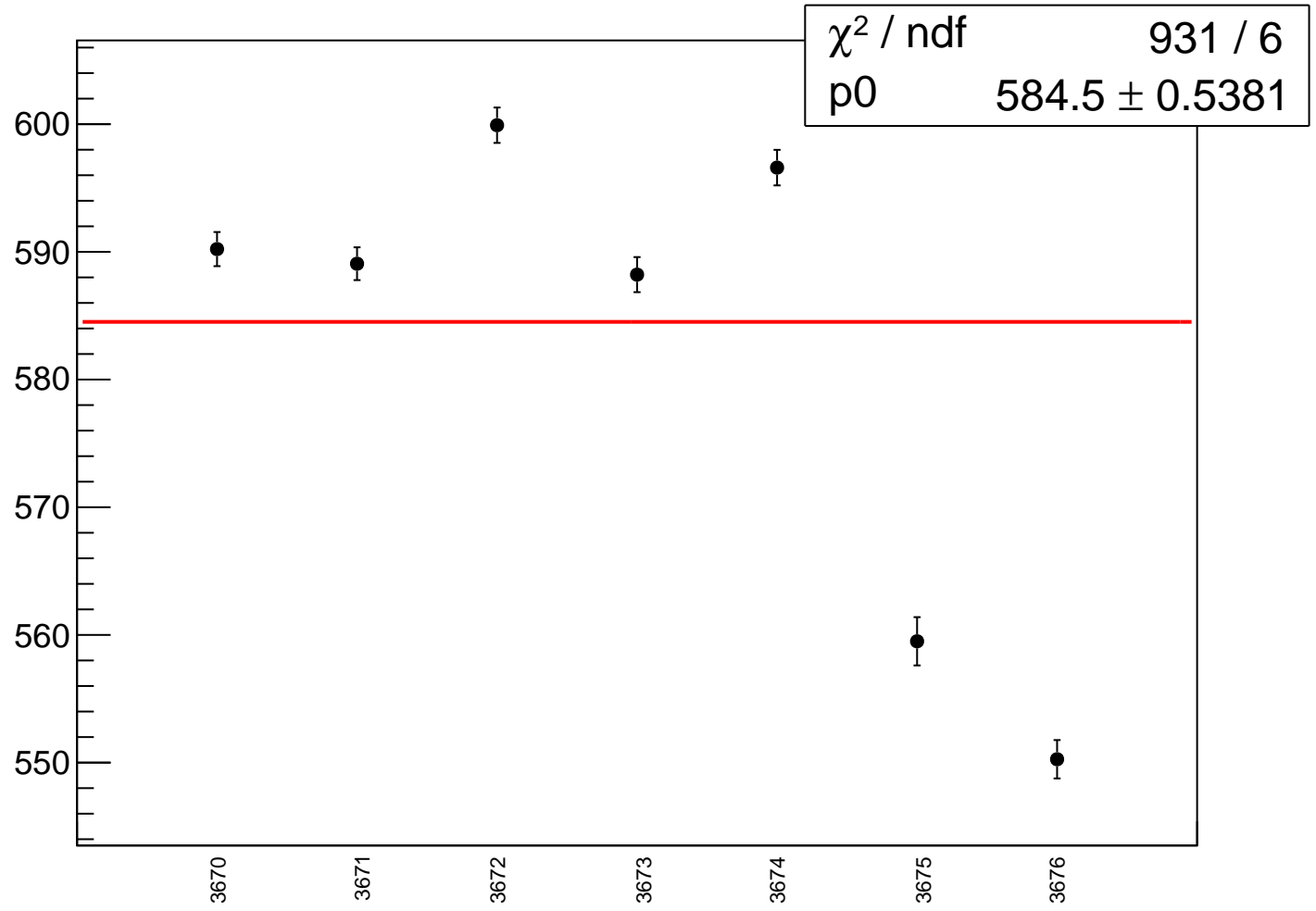
asym_ds_dd_rms vs run



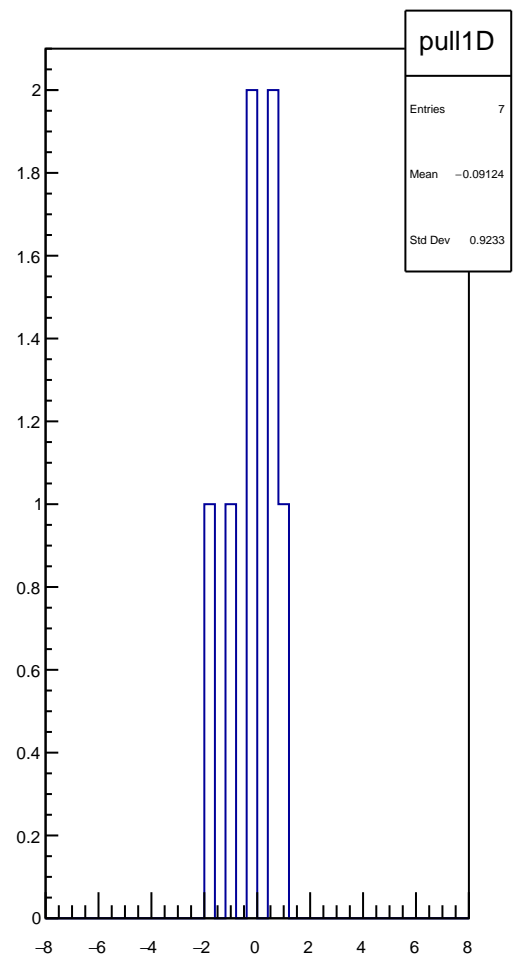
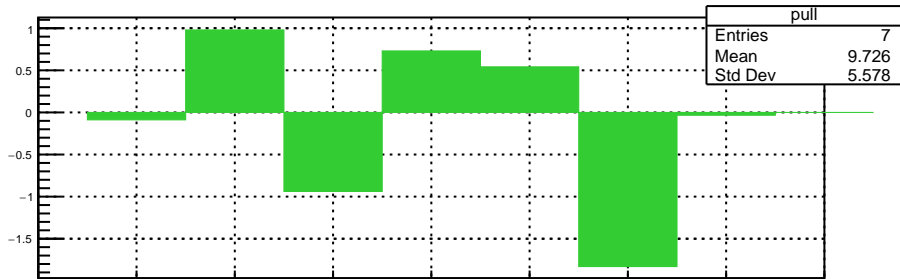
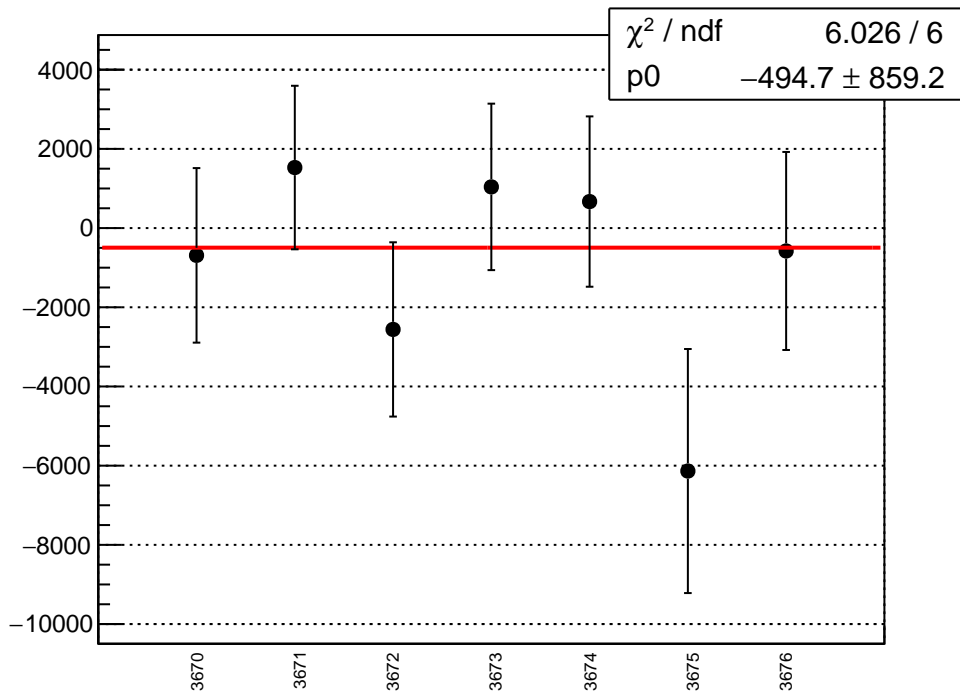
cor_usl_mean vs run



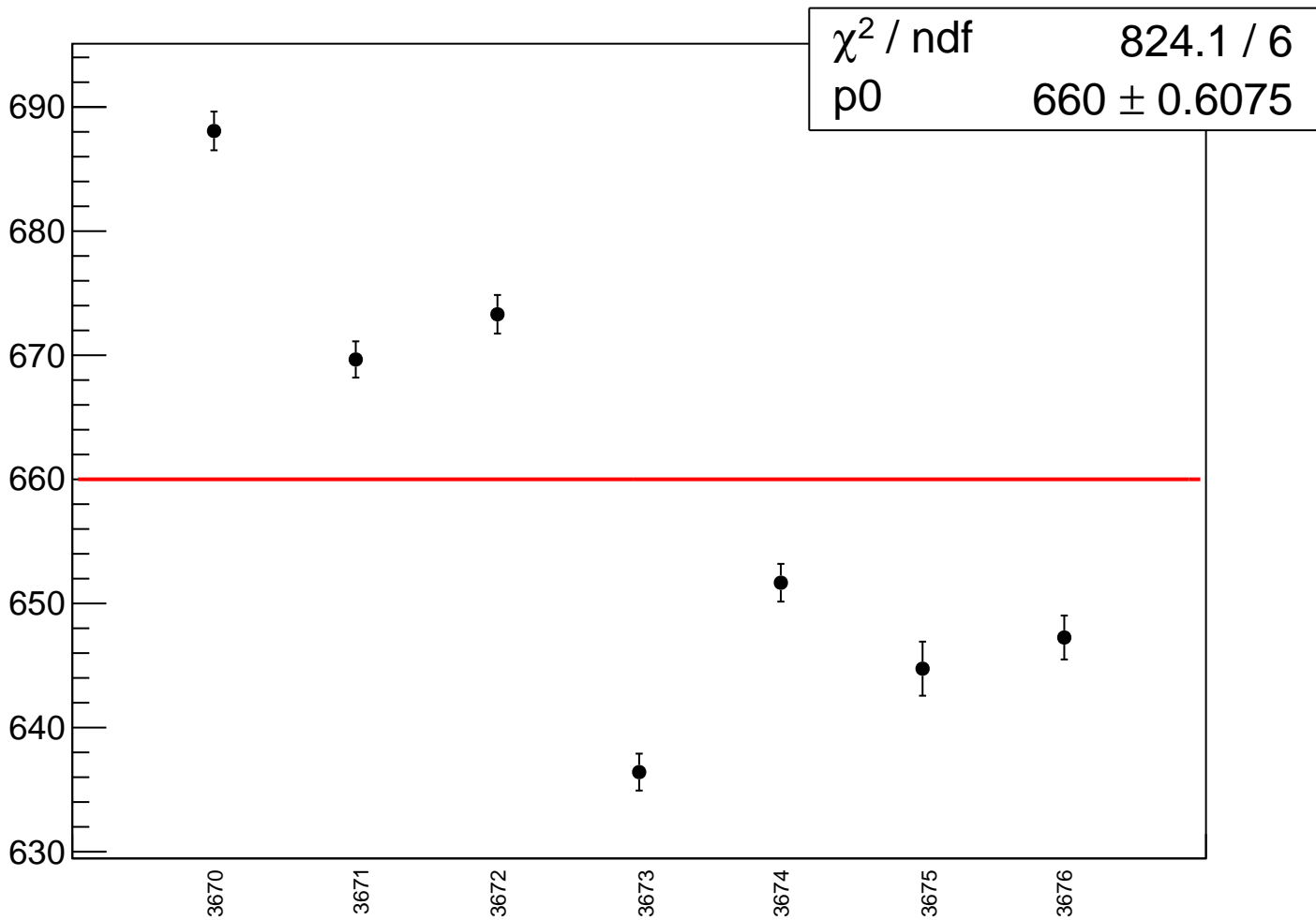
cor_usl_rms vs run



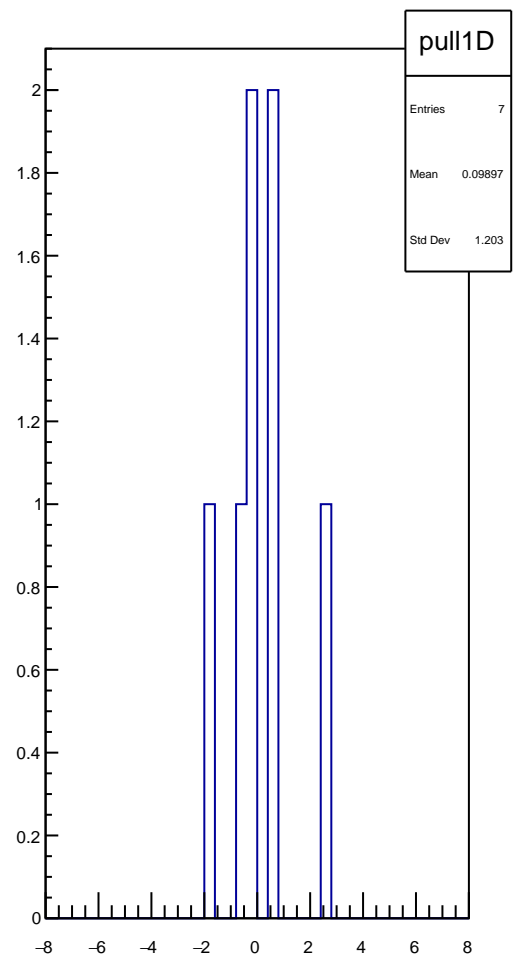
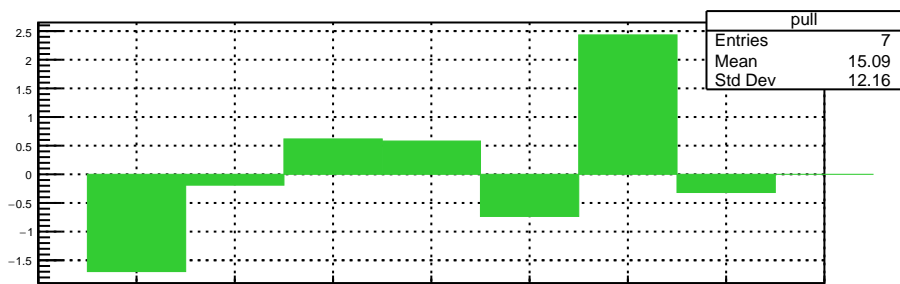
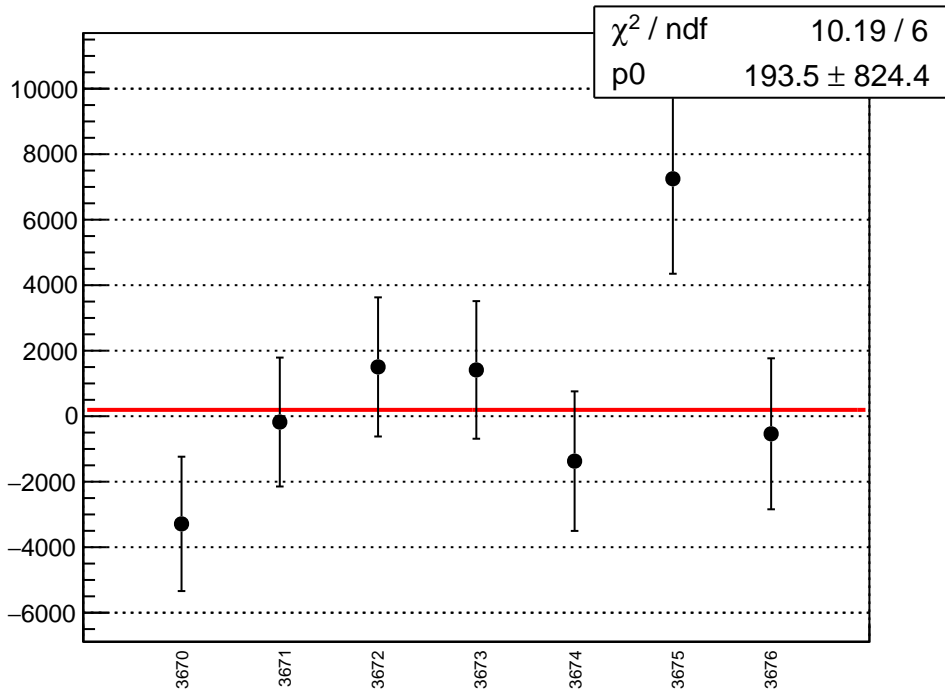
cor_usr_mean vs run



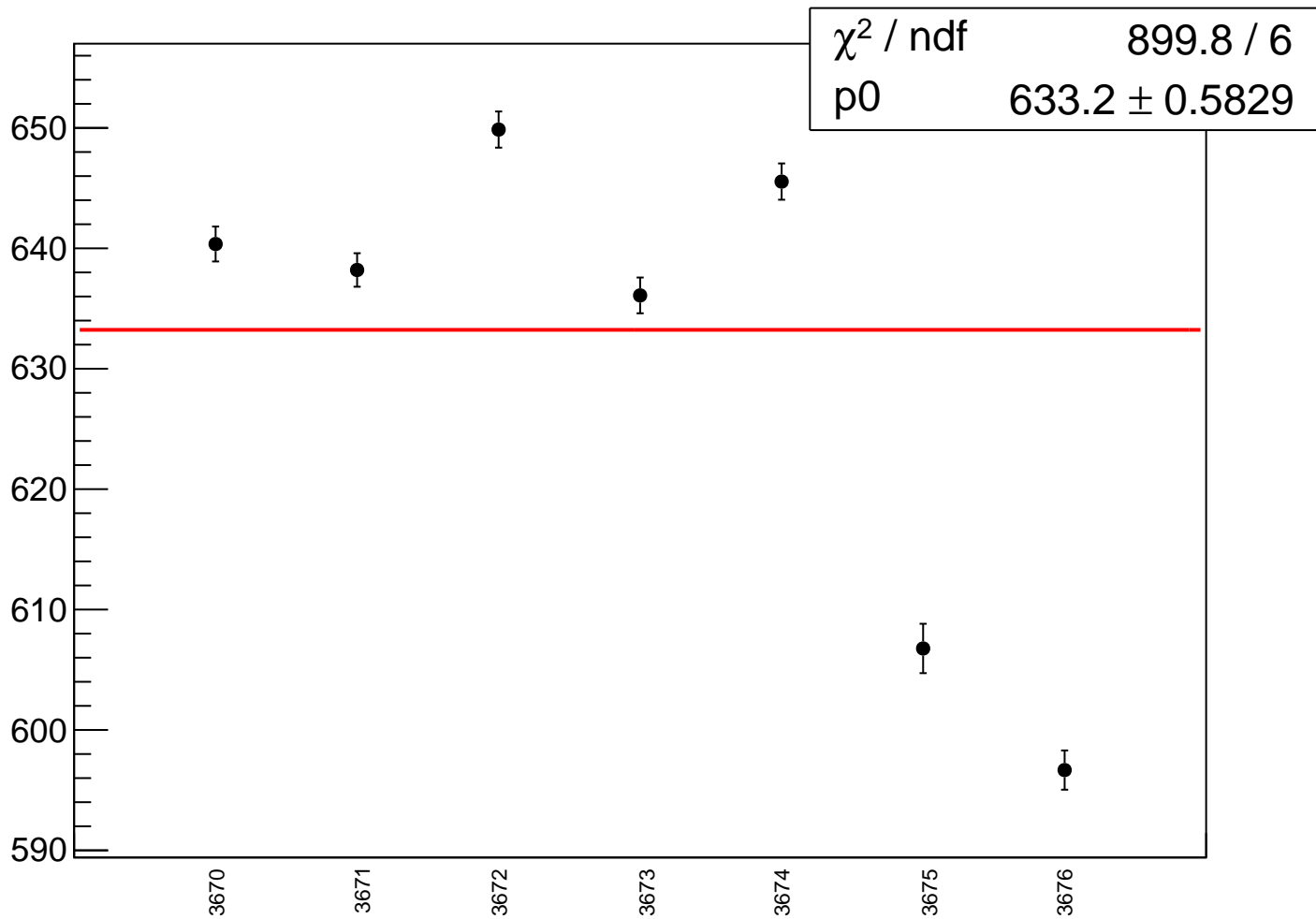
cor_usr_rms vs run



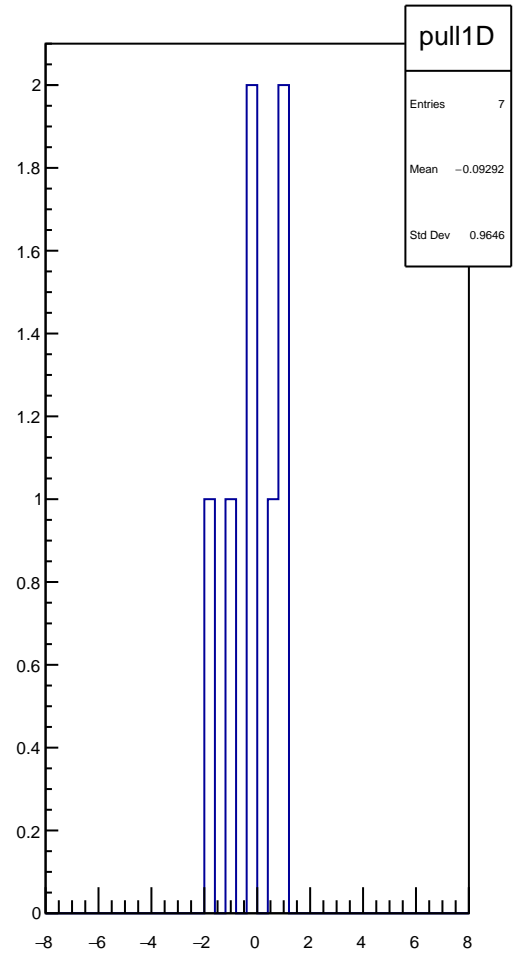
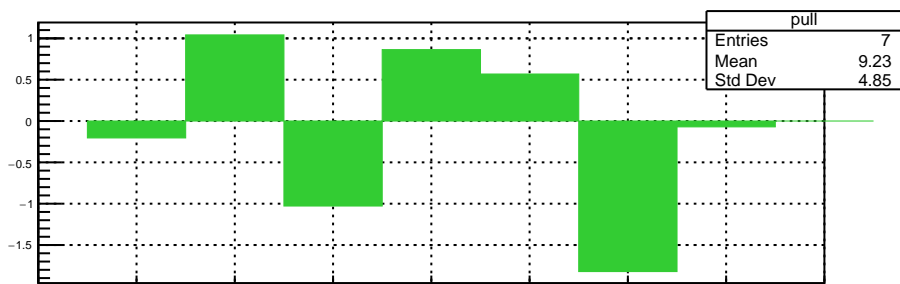
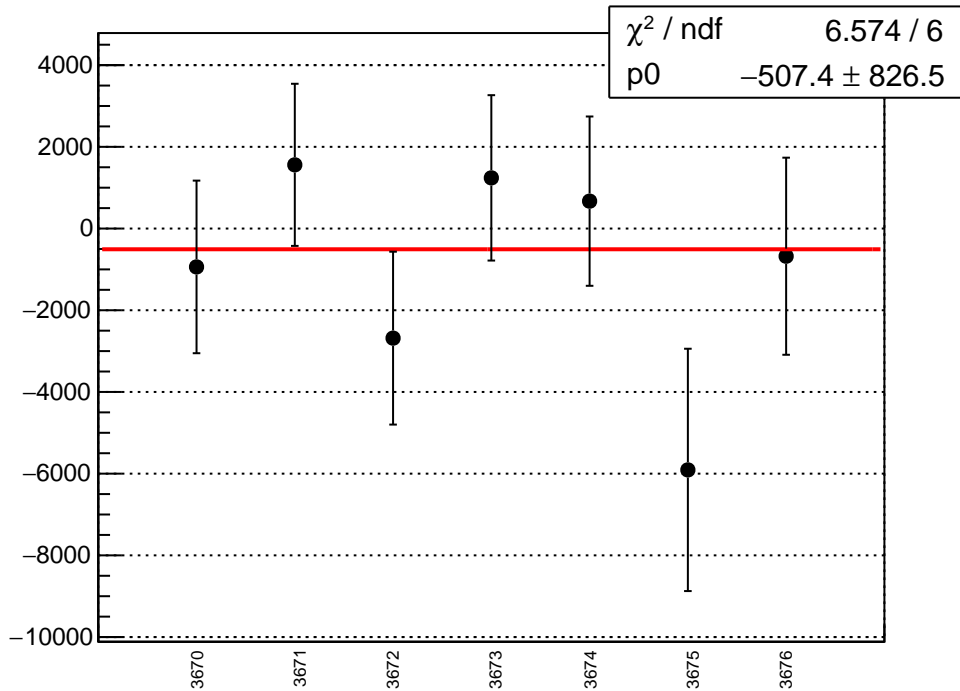
cor_dsl_mean vs run



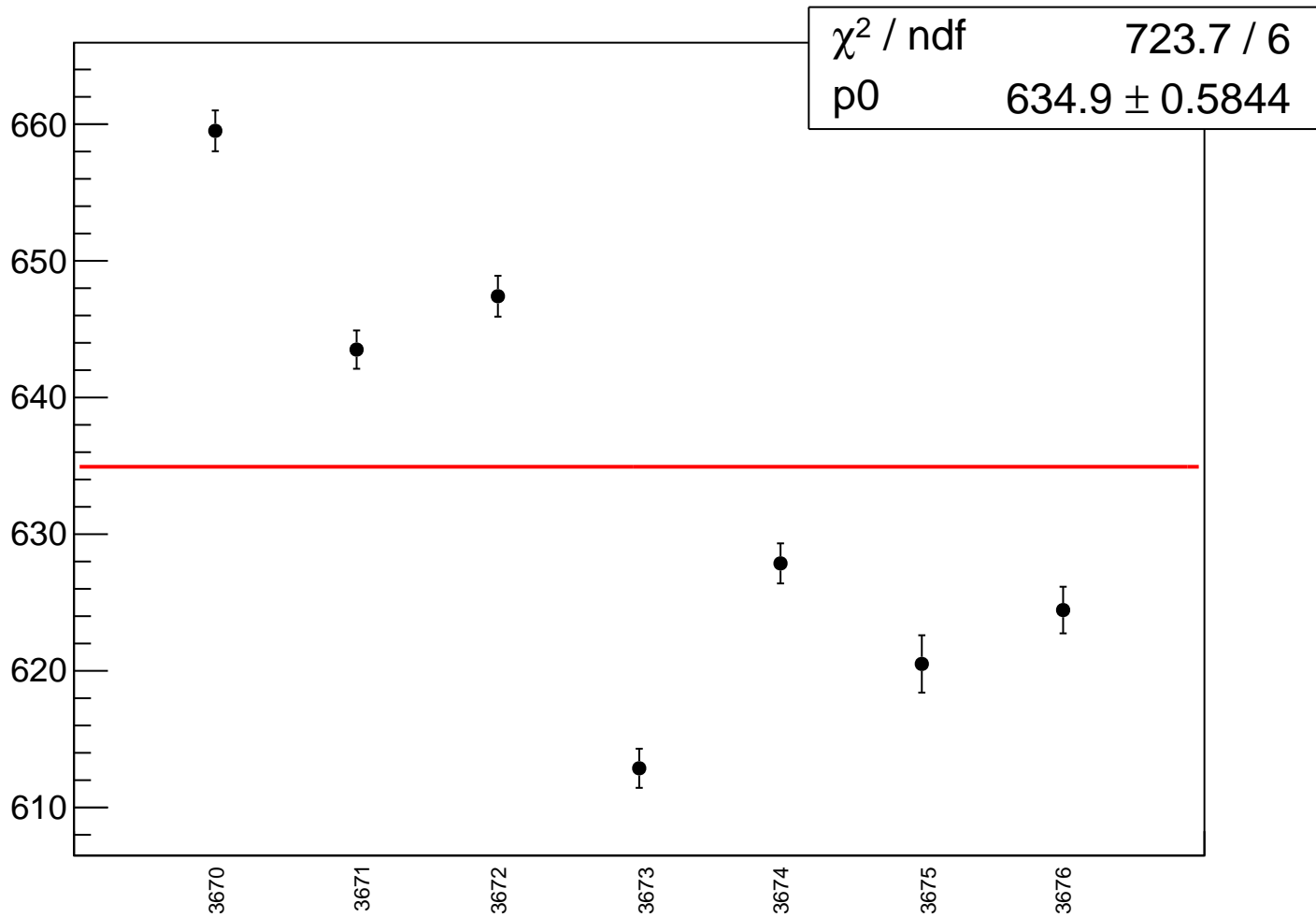
cor_dsl_rms vs run



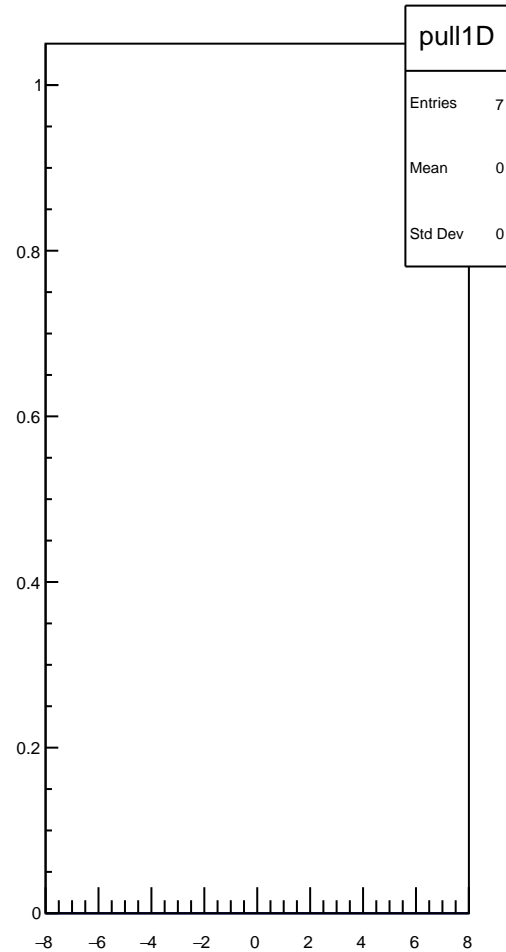
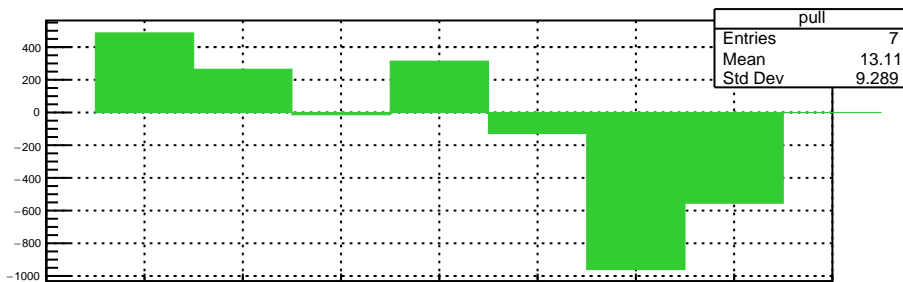
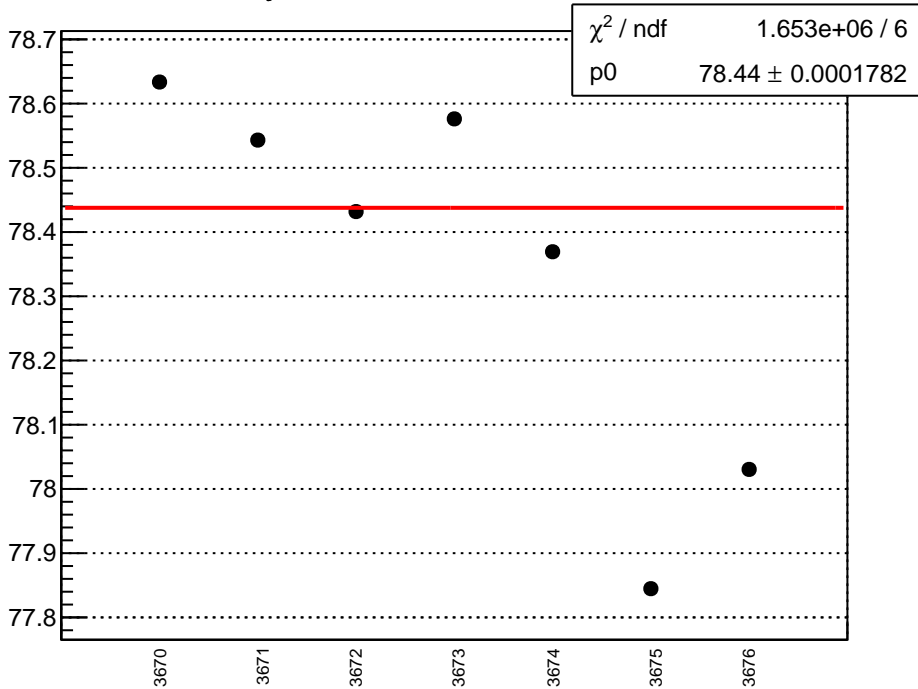
cor_dsr_mean vs run



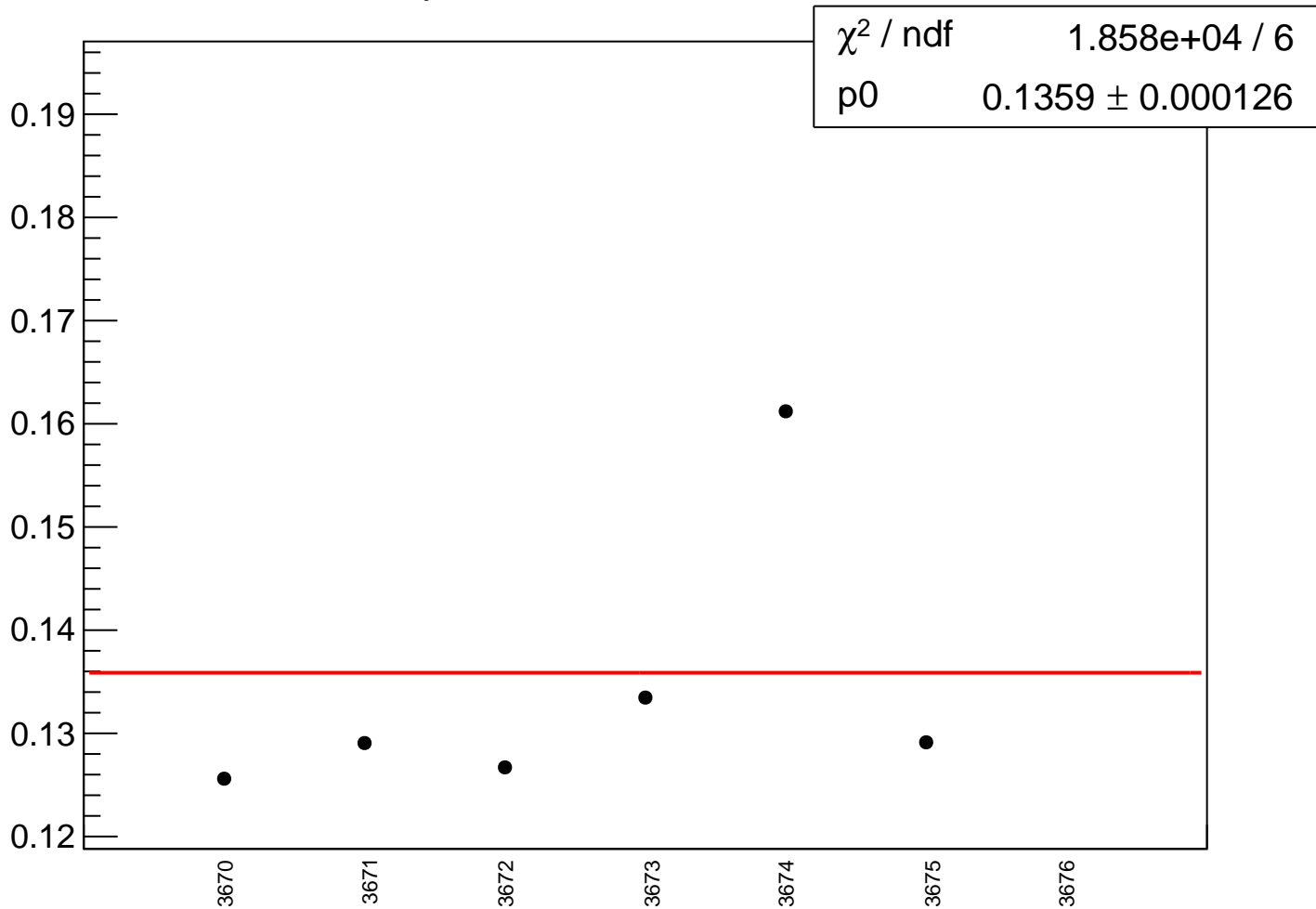
cor_dsr_rms vs run



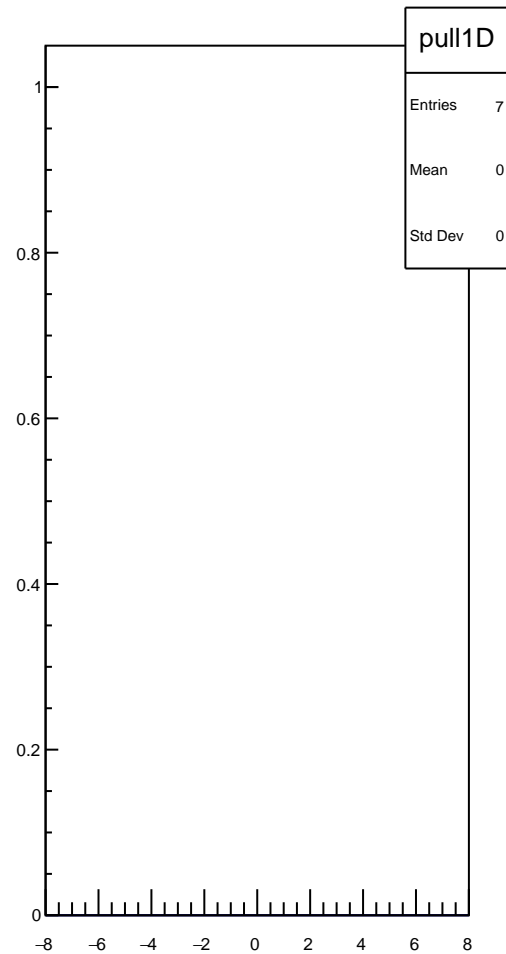
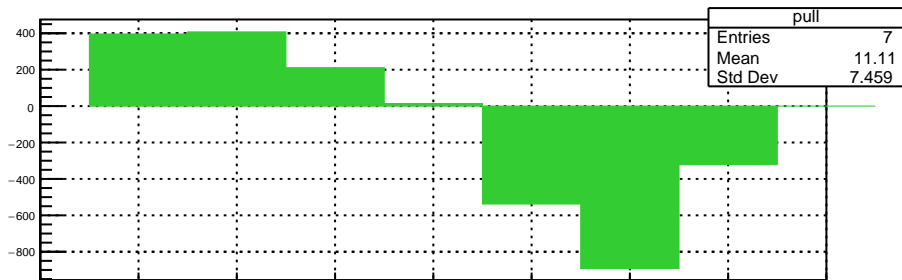
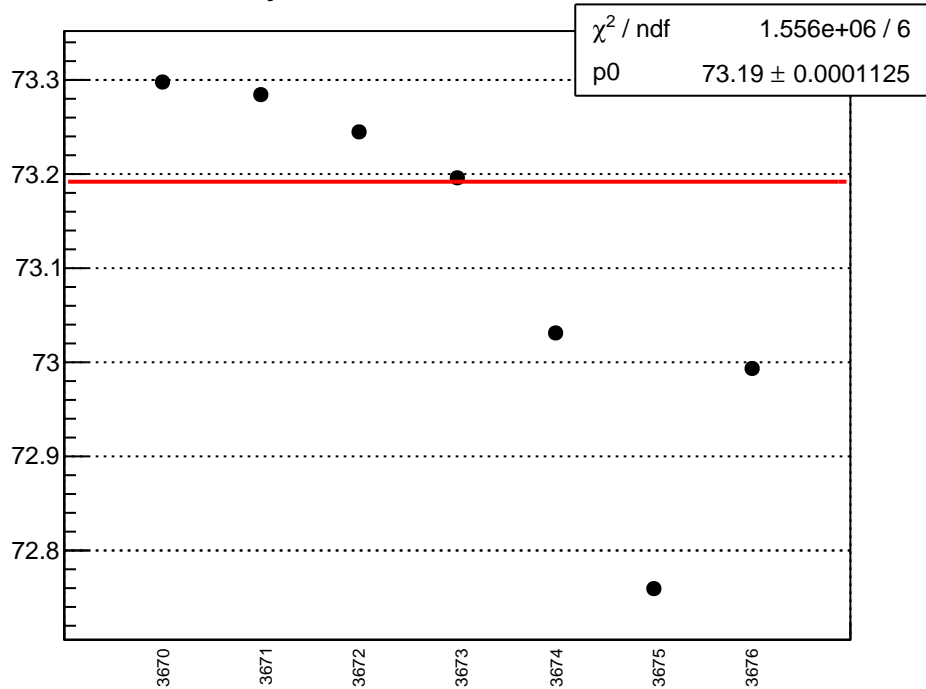
yield_usl_mean vs run



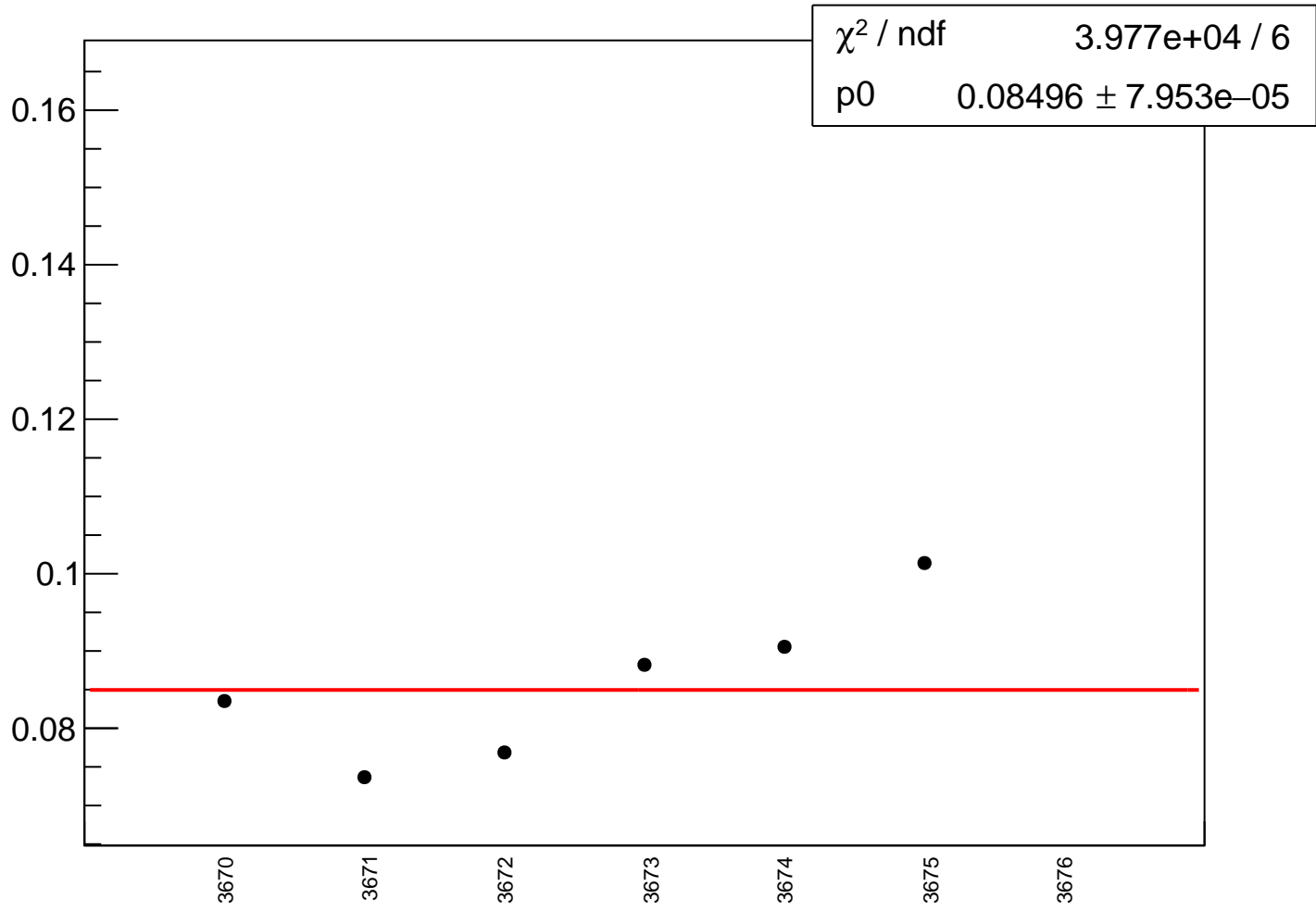
yield_usl_rms vs run



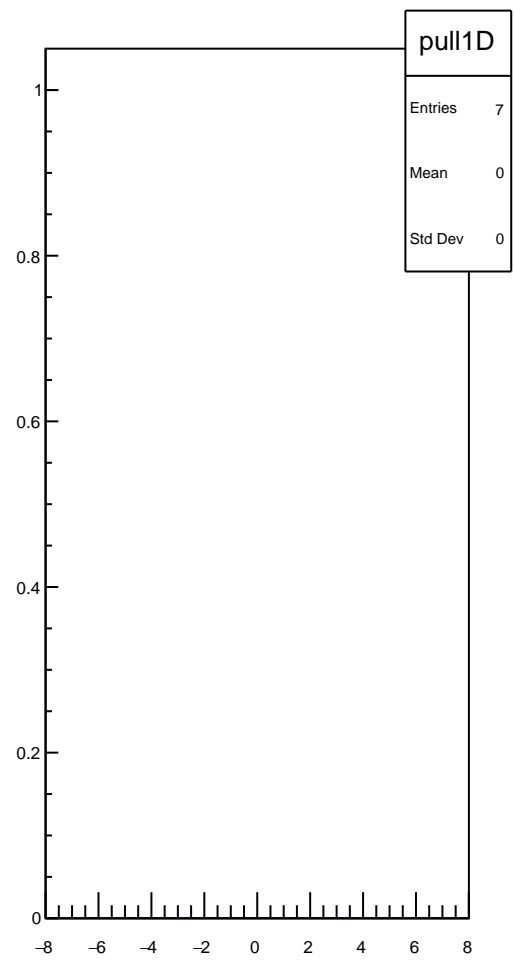
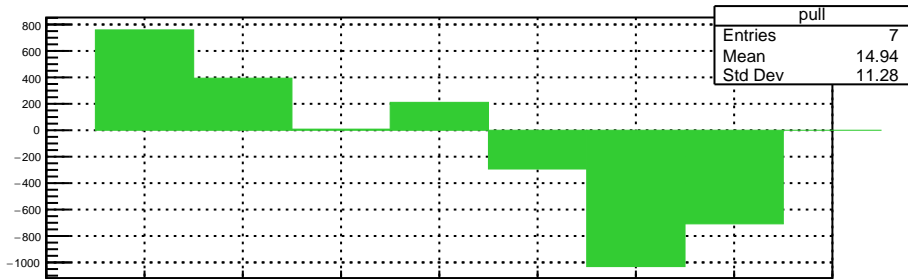
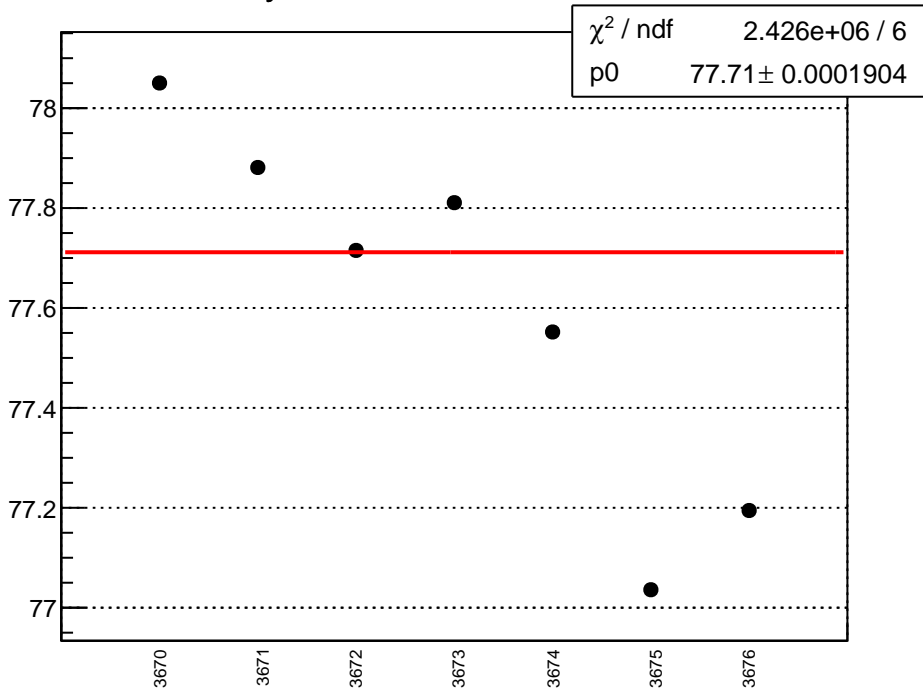
yield_usr_mean vs run



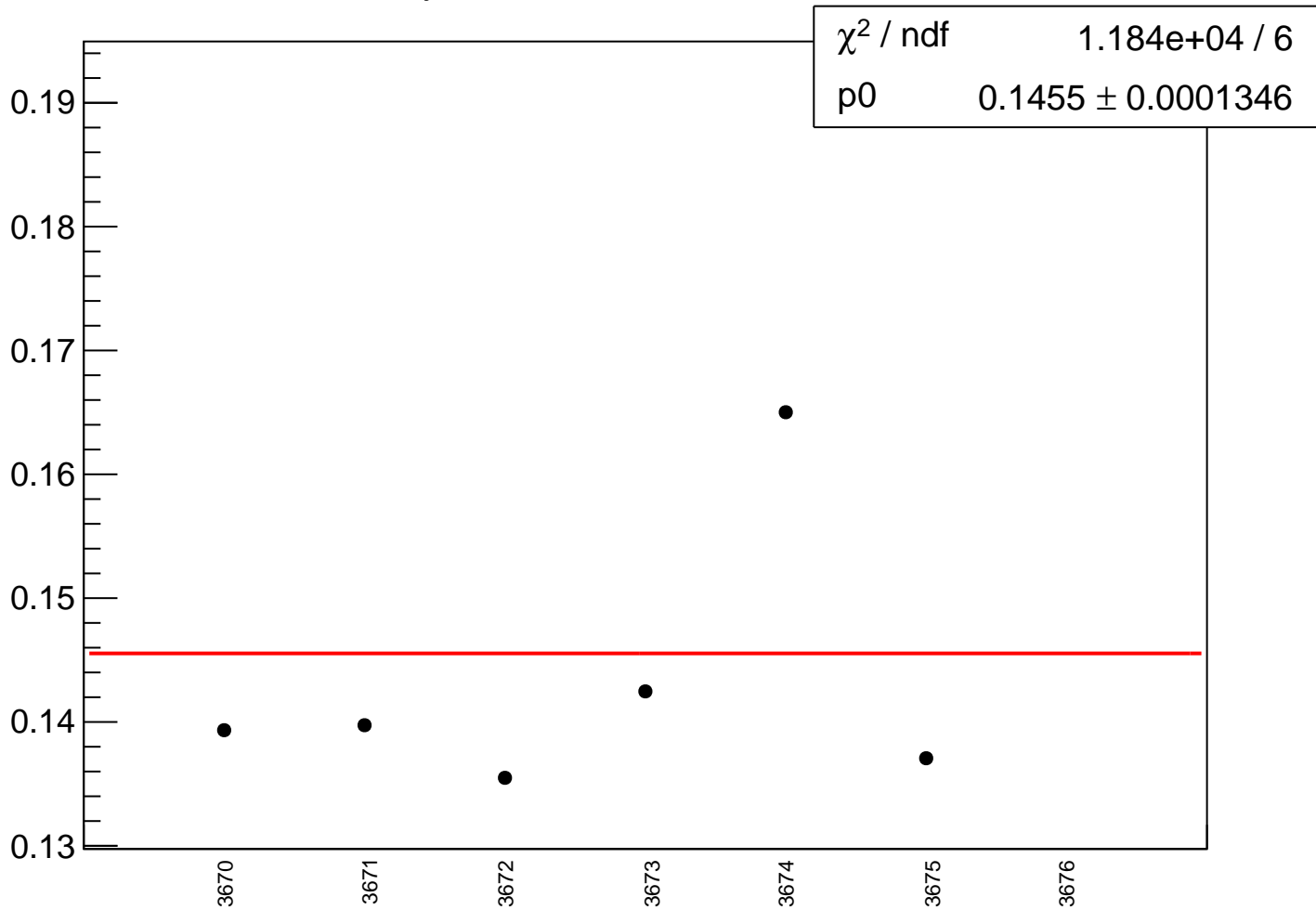
yield_usr_rms vs run



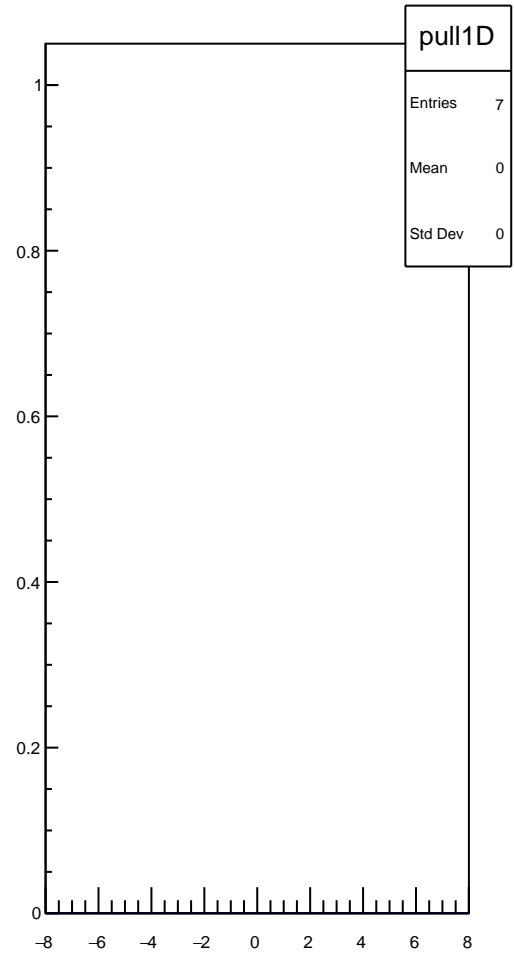
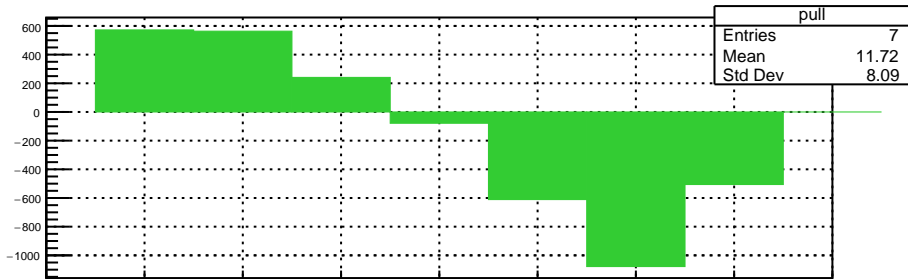
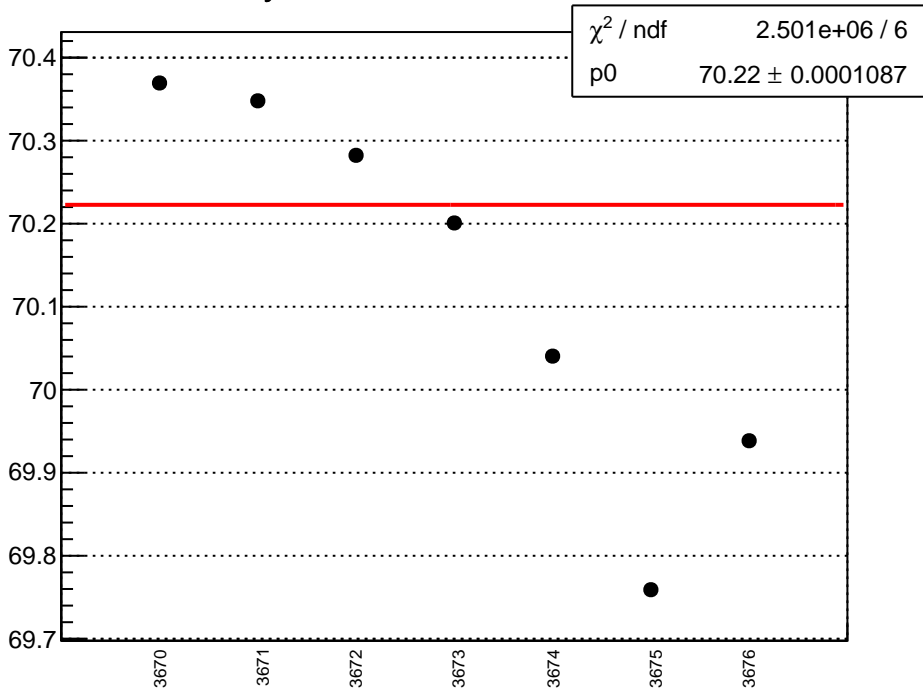
yield_dsl_mean vs run



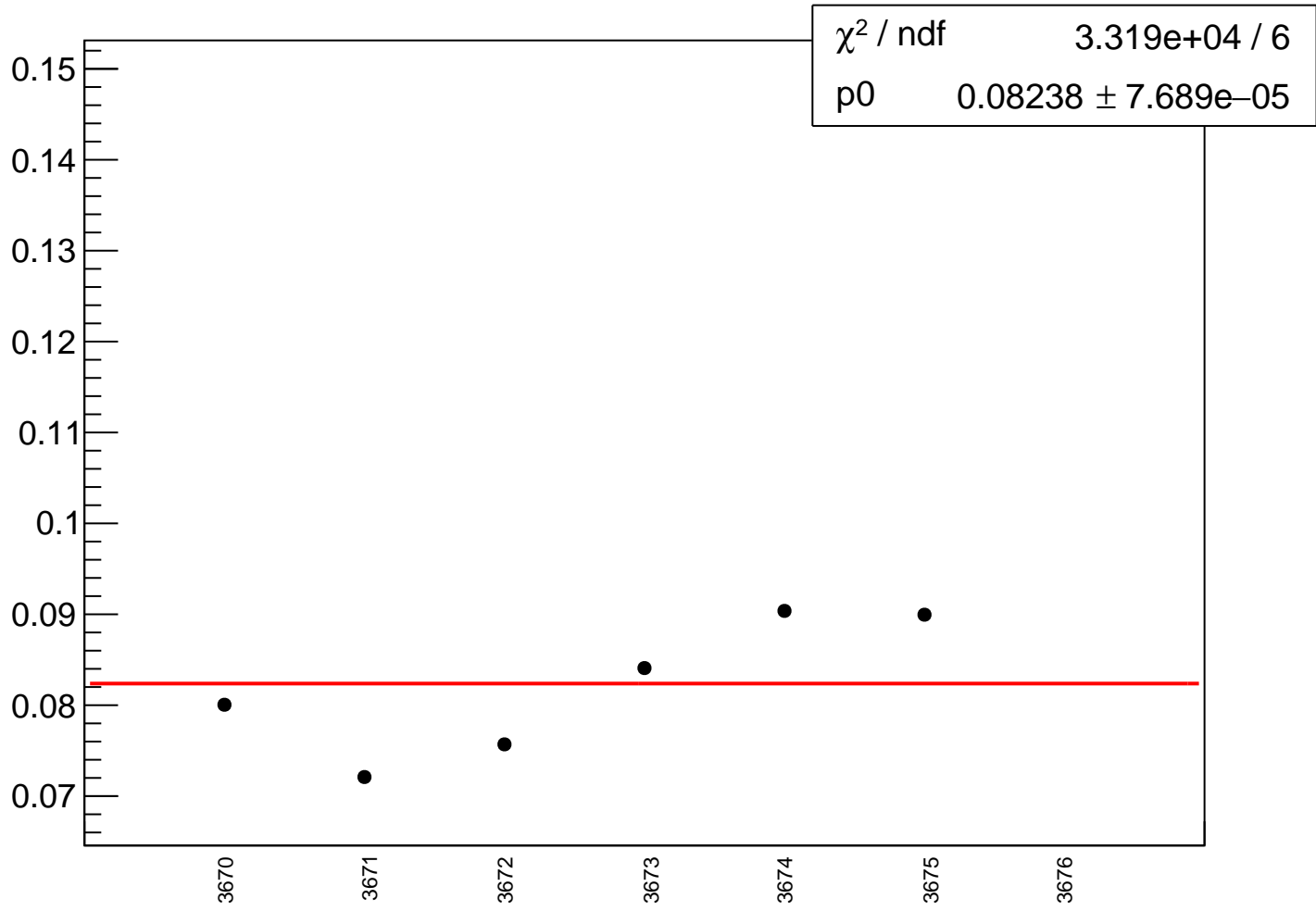
yield_dsl_rms vs run



yield_dsr_mean vs run

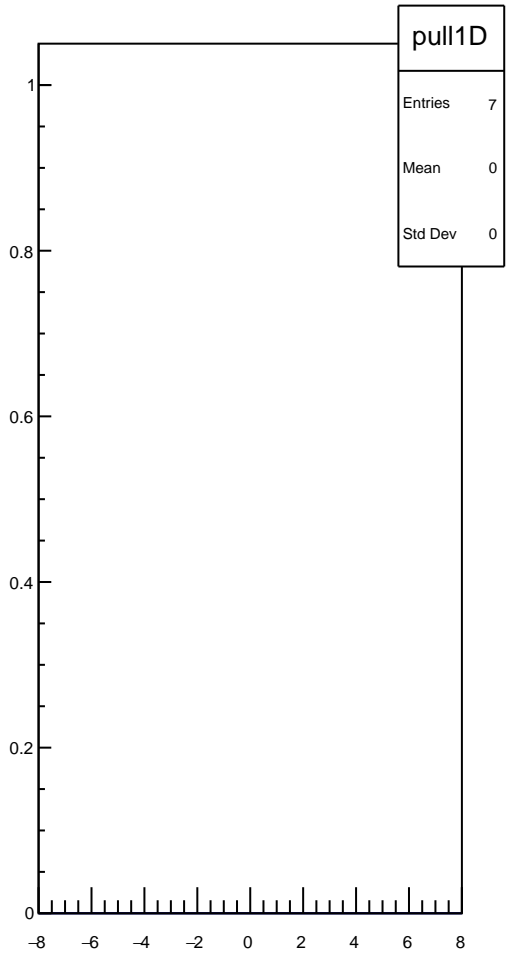
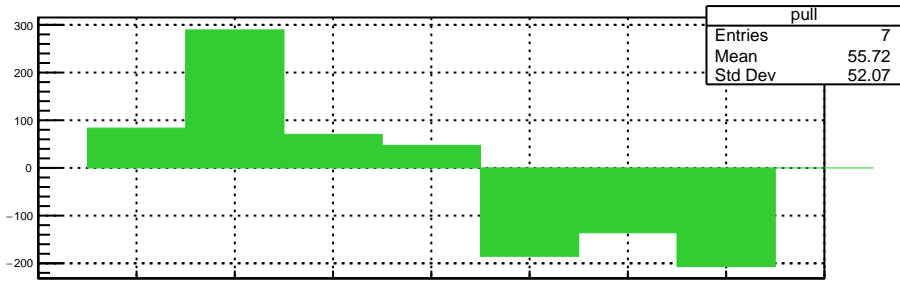
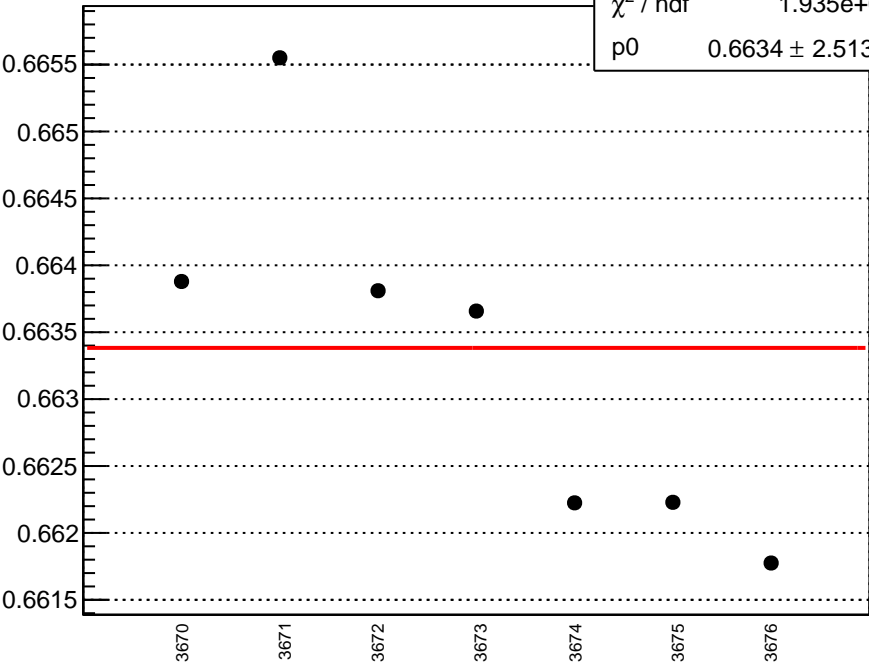


yield_dsr_rms vs run

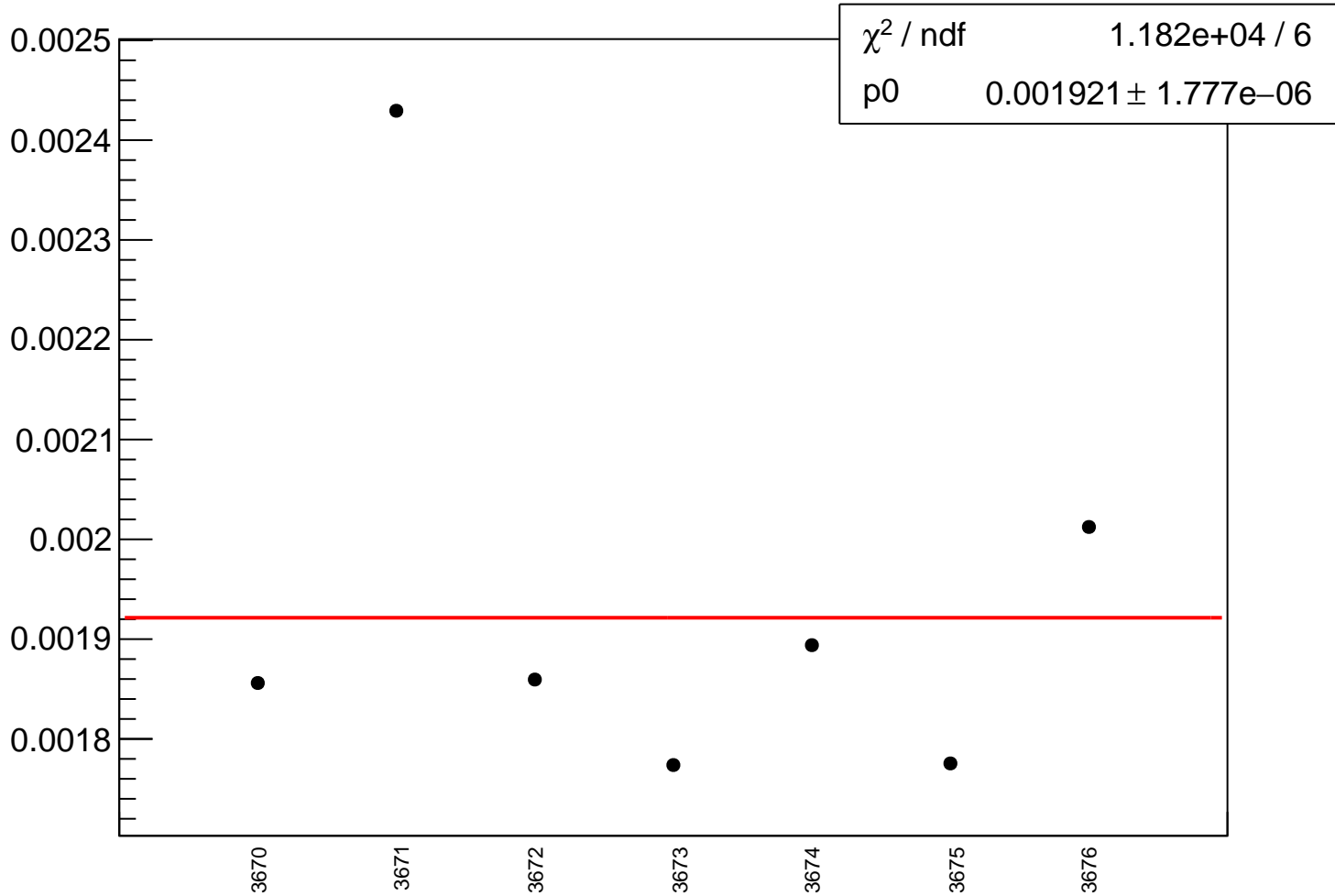


yield_bcm_an_ds_mean vs run

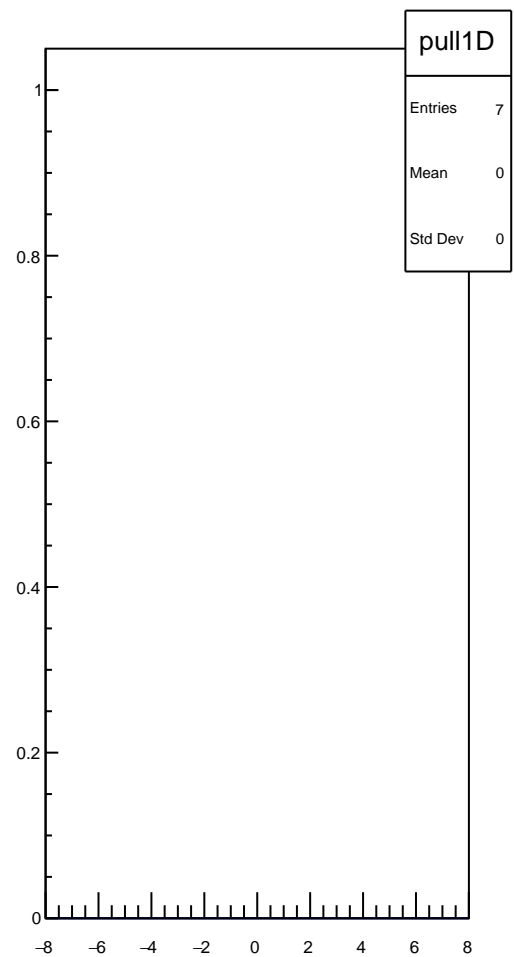
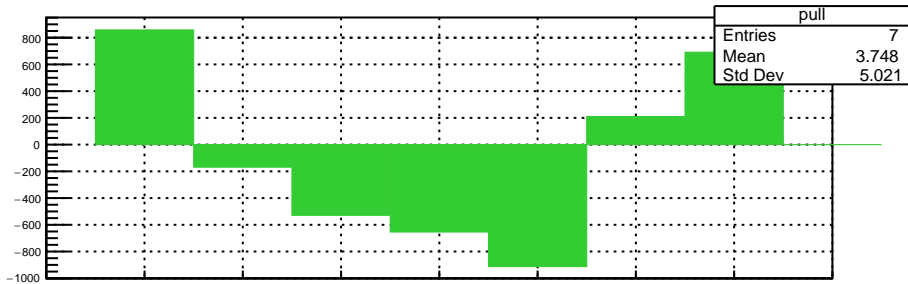
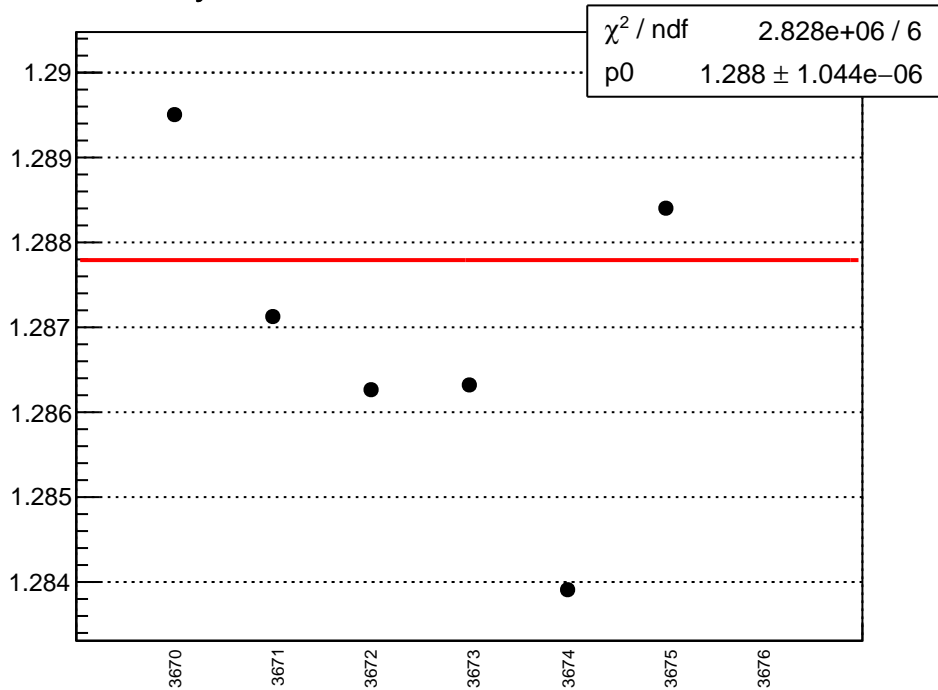
χ^2 / ndf 1.935e+05 / 6
 p0 0.6634 ± 2.513e-06



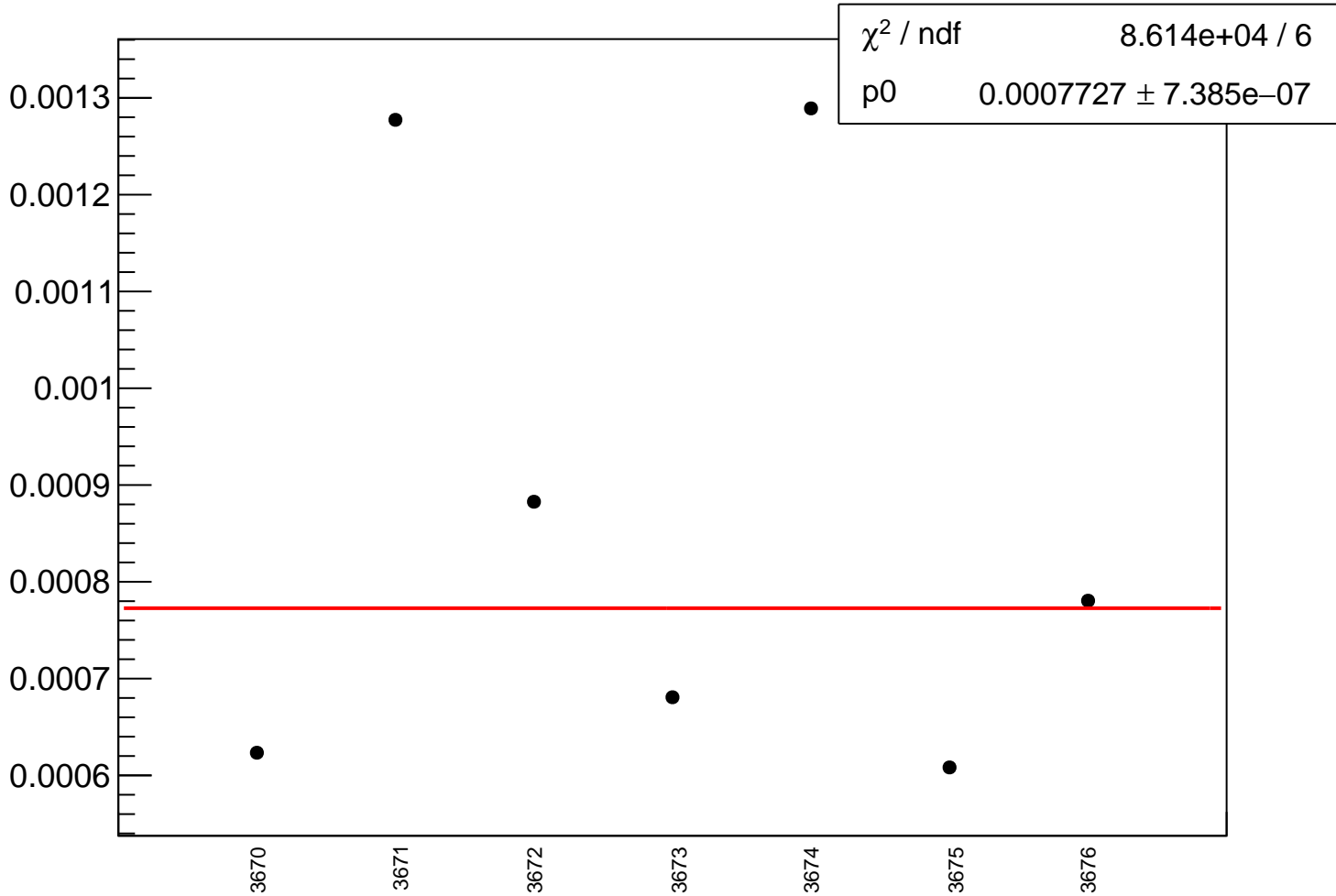
yield_bcm_an_ds_rms vs run



yield_bcm_an_ds3_mean vs run

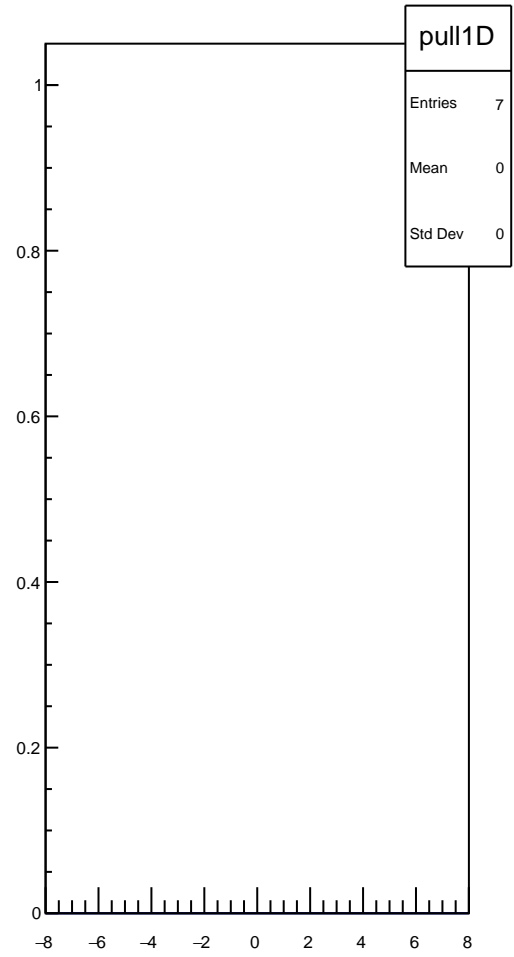
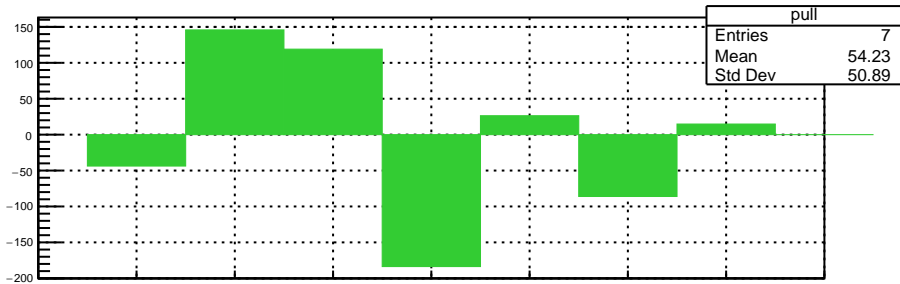
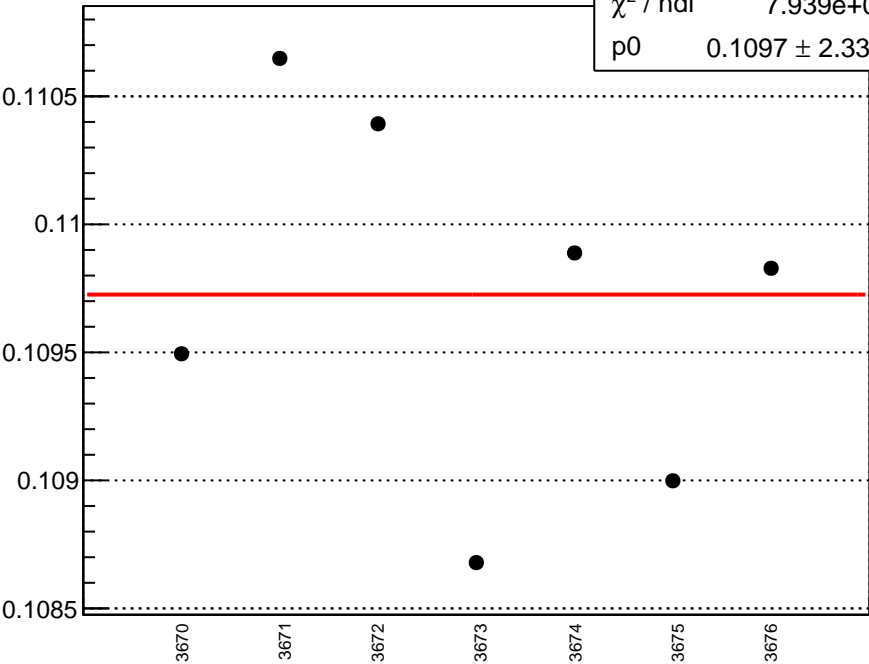


yield_bcm_an_ds3_rms vs run

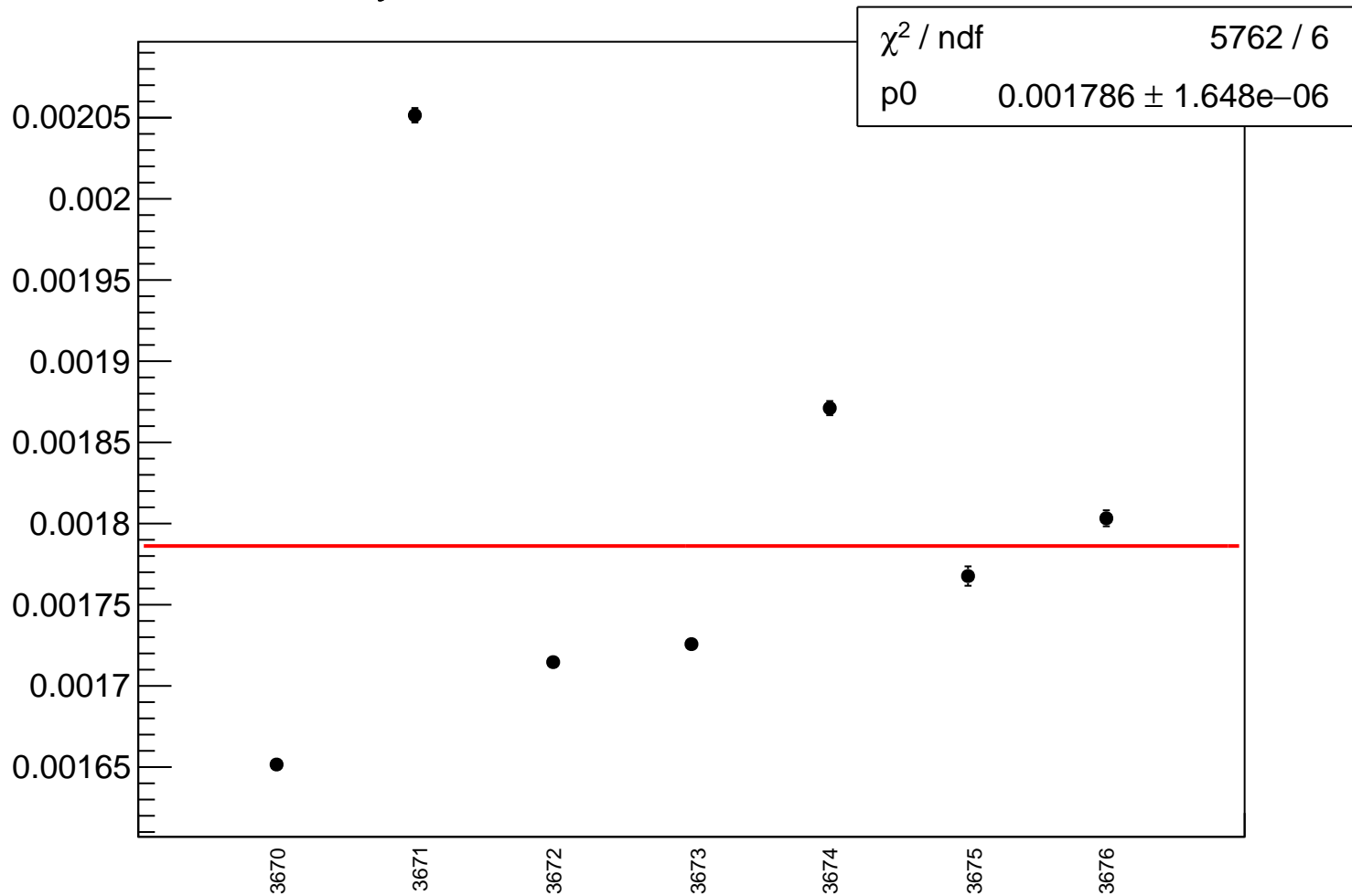


yield_bcm_an_us_mean vs run

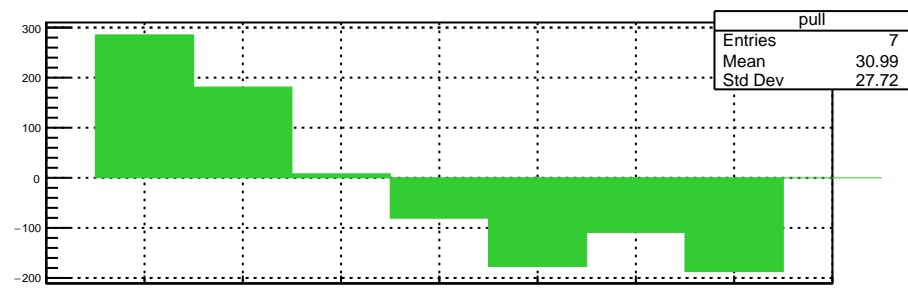
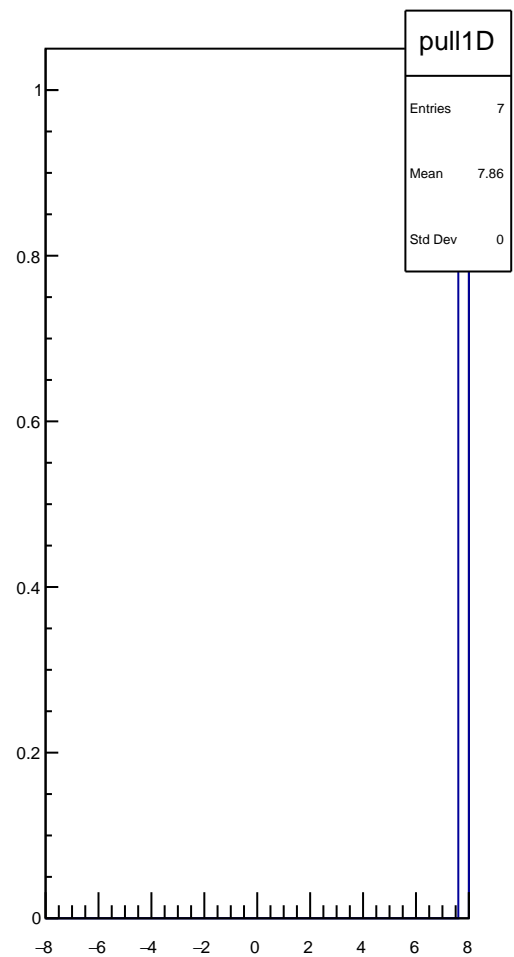
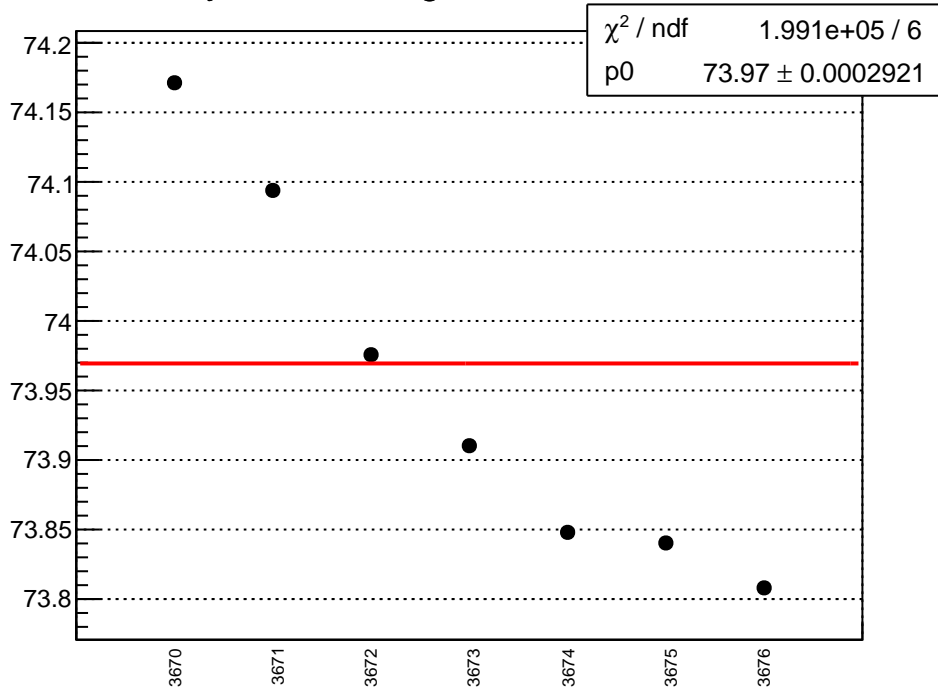
χ^2 / ndf	7.939e+04 / 6
p0	$0.1097 \pm 2.33\text{e-}06$



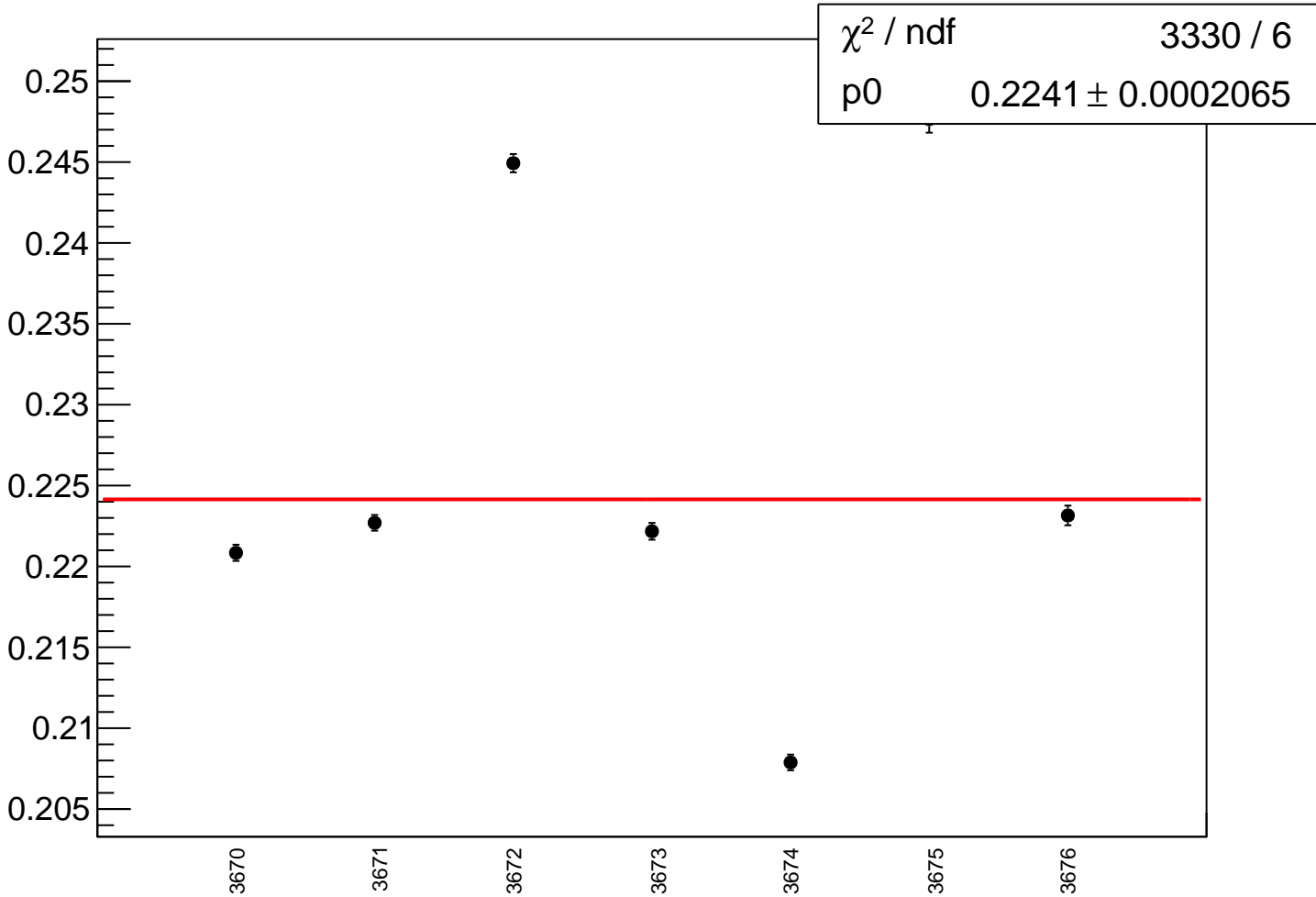
yield_bcm_an_us_rms vs run



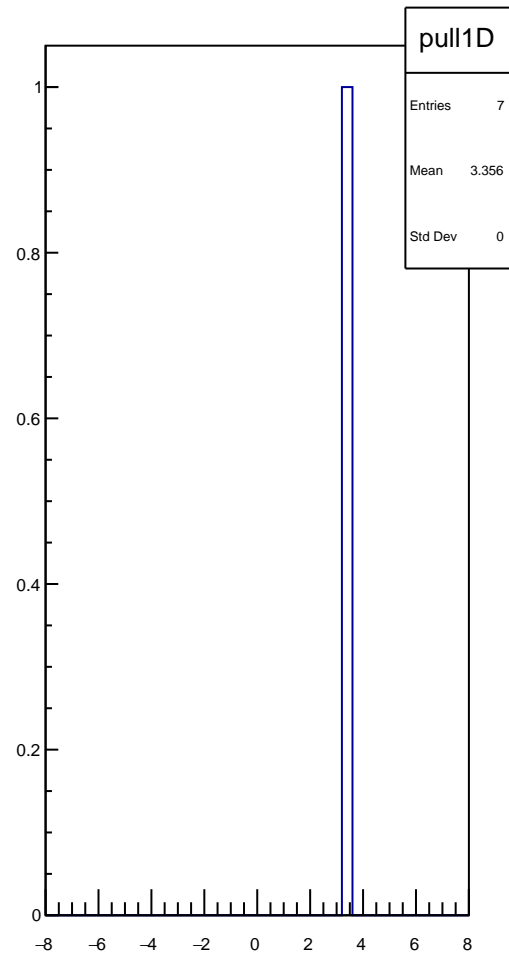
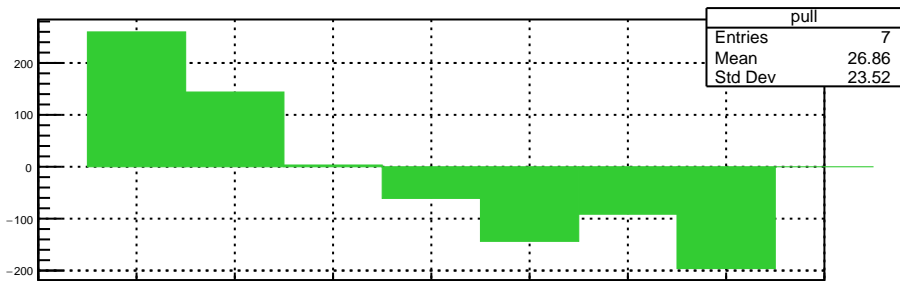
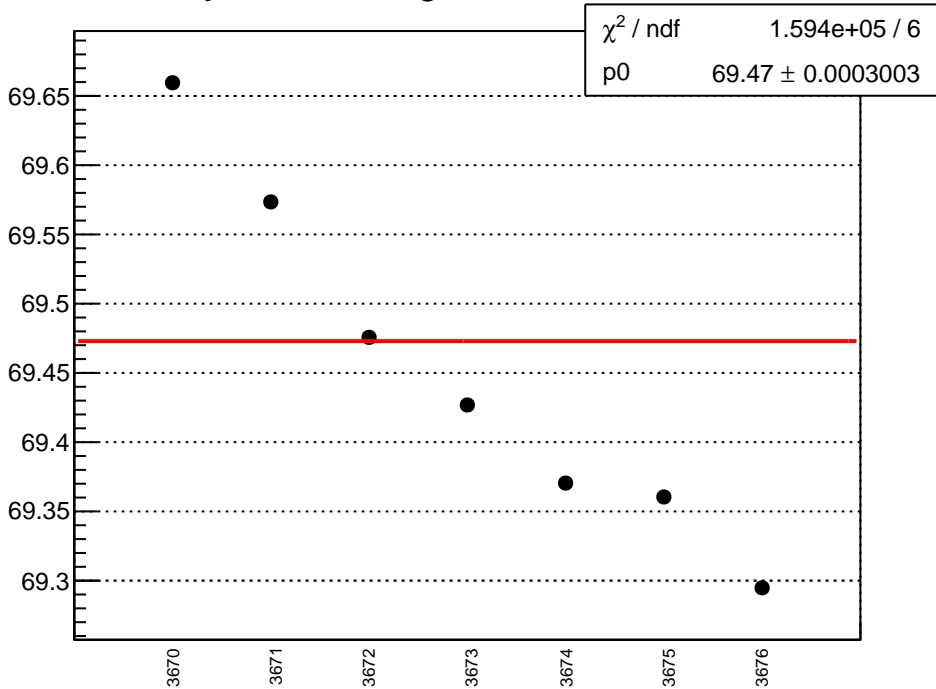
yield_bcm_dg_us_mean vs run



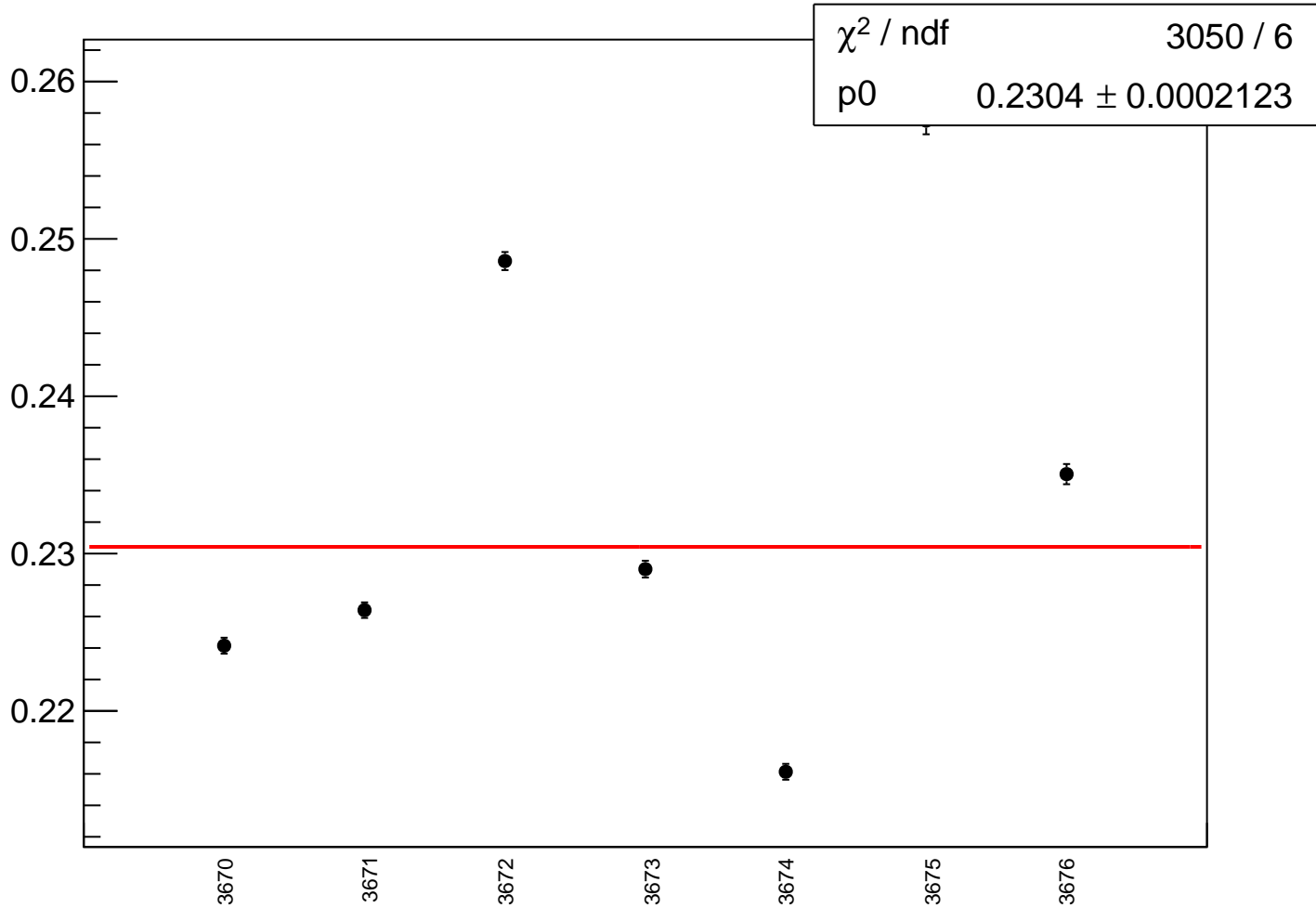
yield_bcm_dg_us_rms vs run



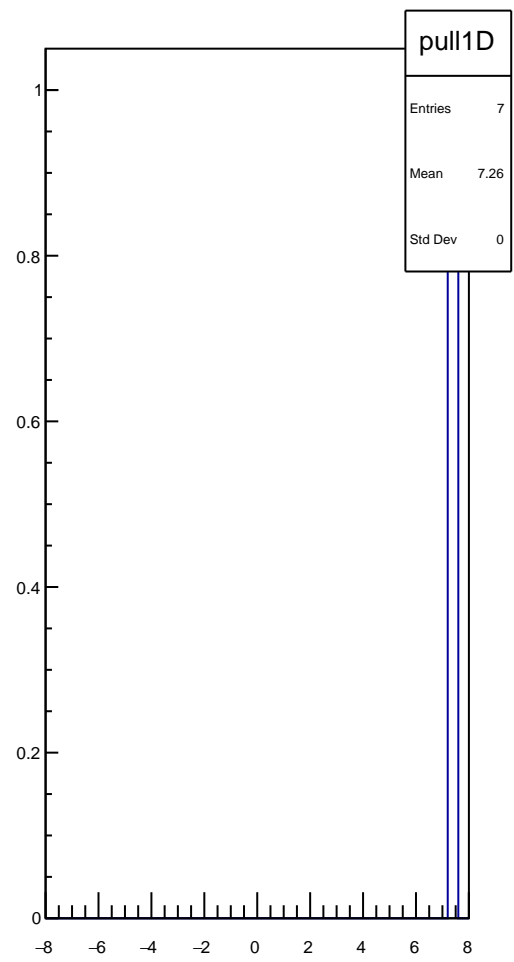
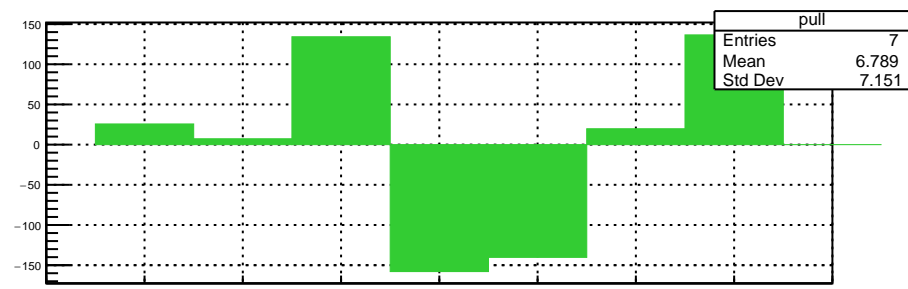
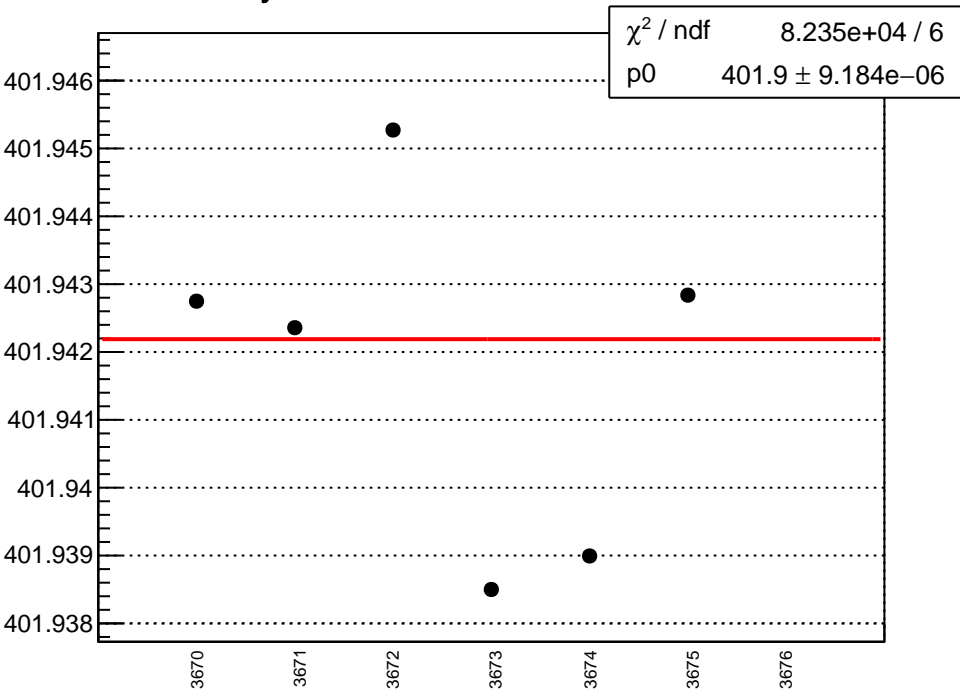
yield_bcm_dg_ds_mean vs run



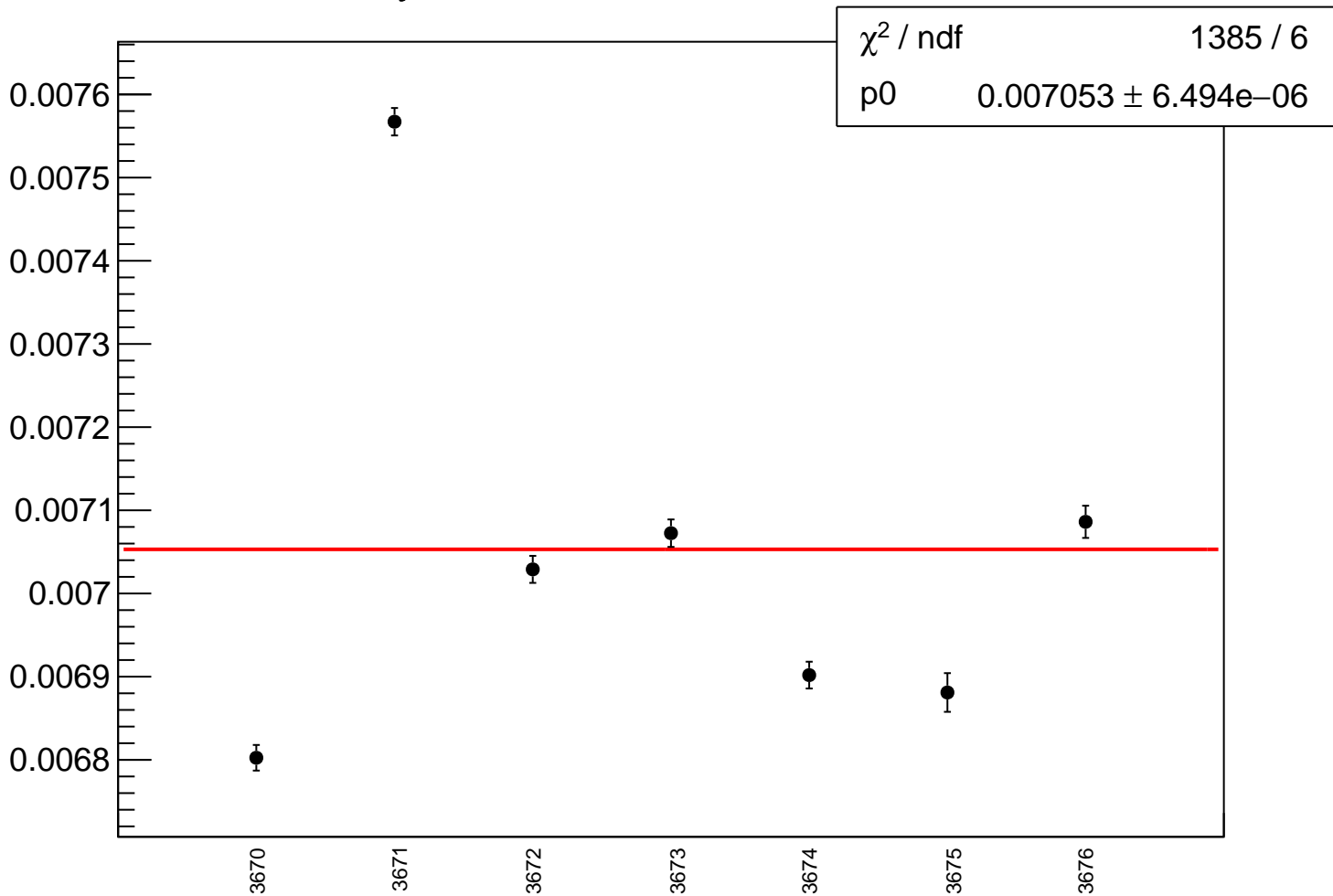
yield_bcm_dg_ds_rms vs run



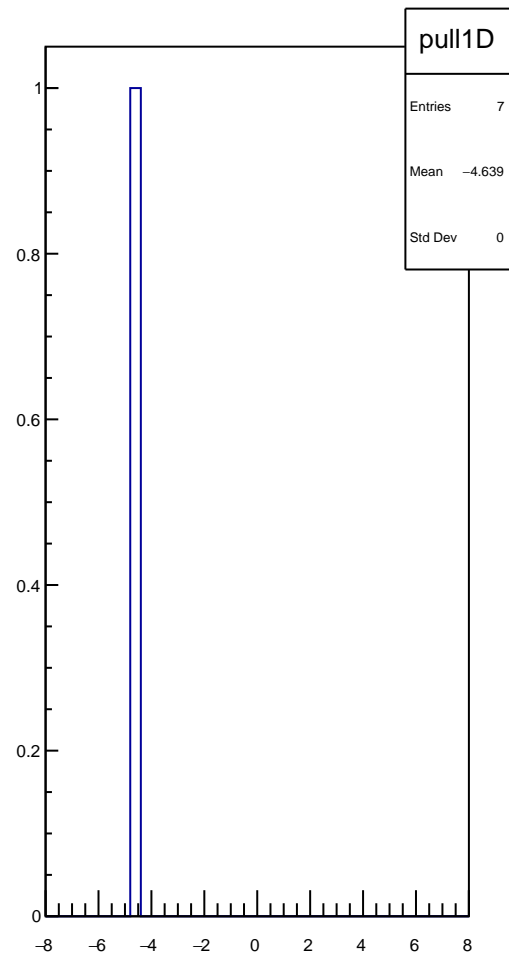
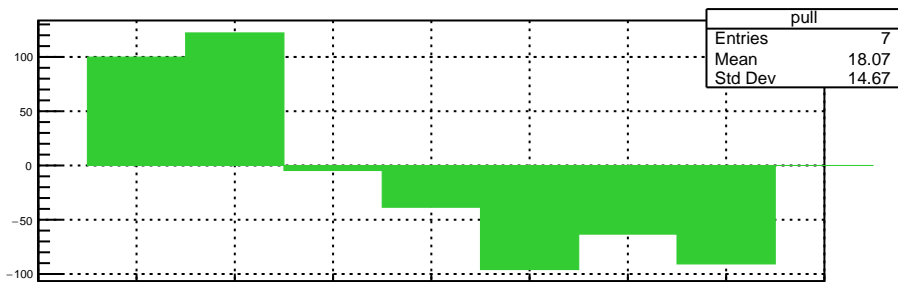
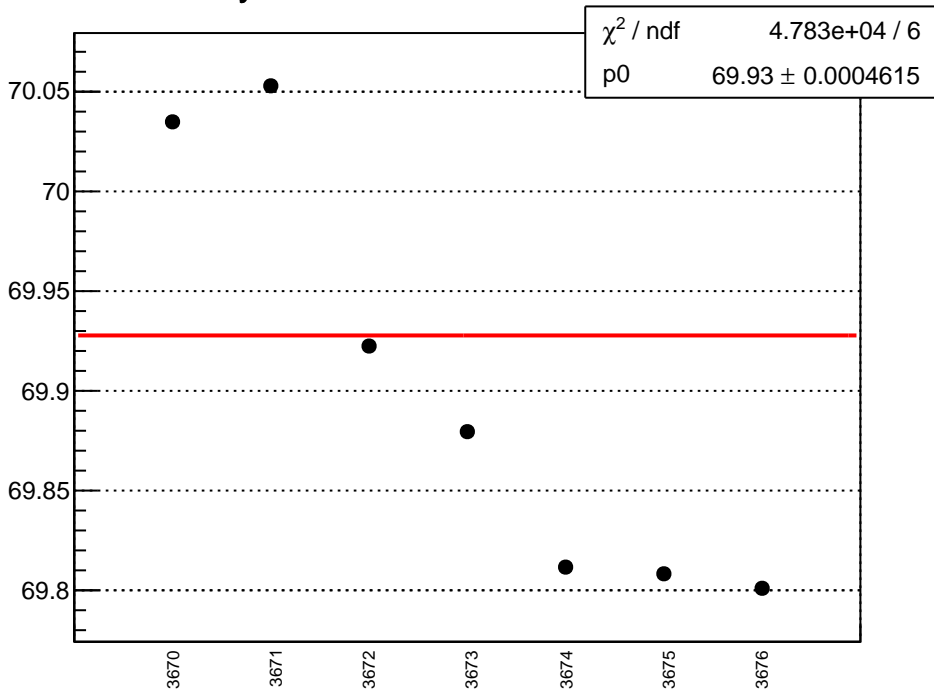
yield_cav4bQ_mean vs run



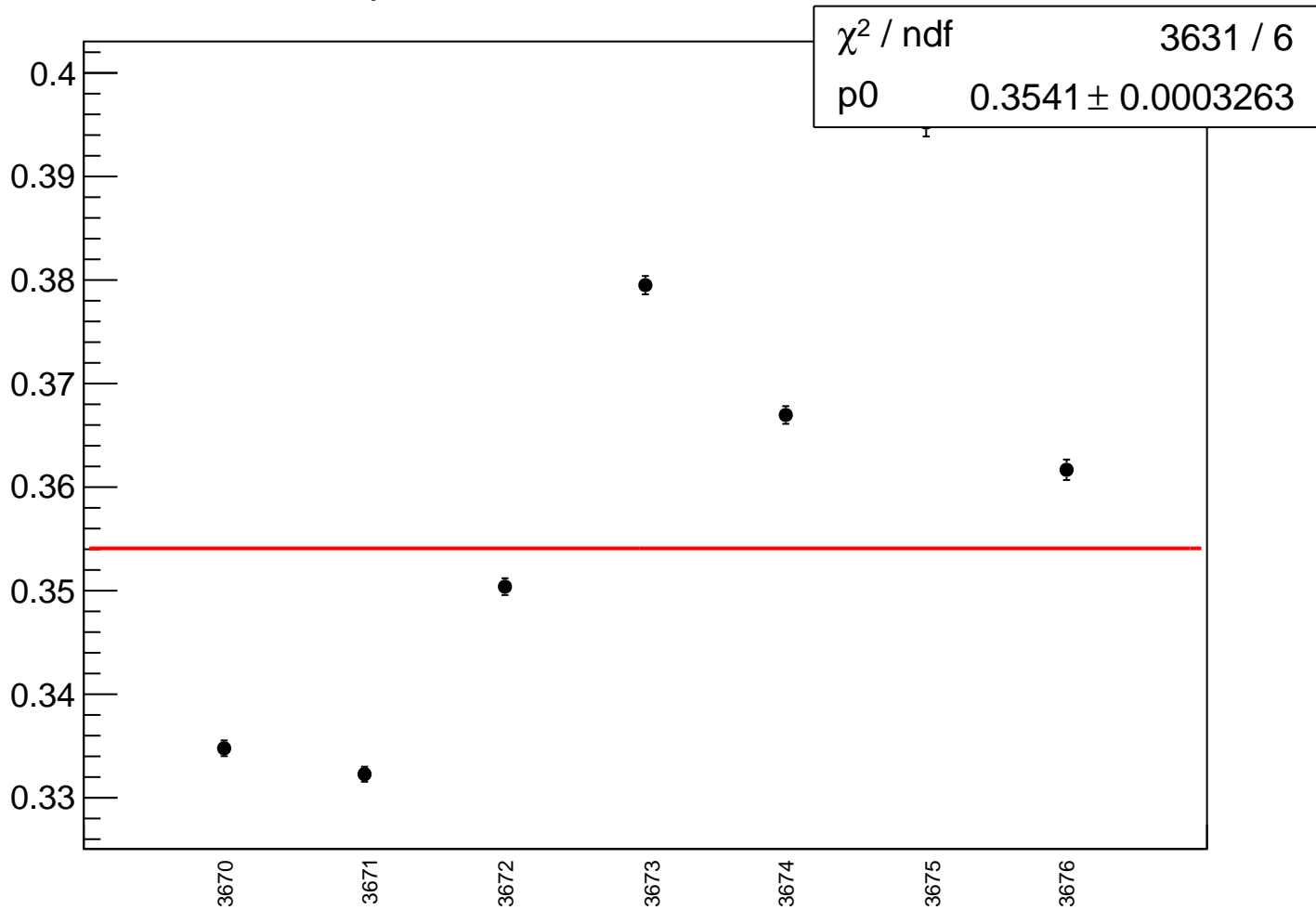
yield_cav4bQ_rms vs run



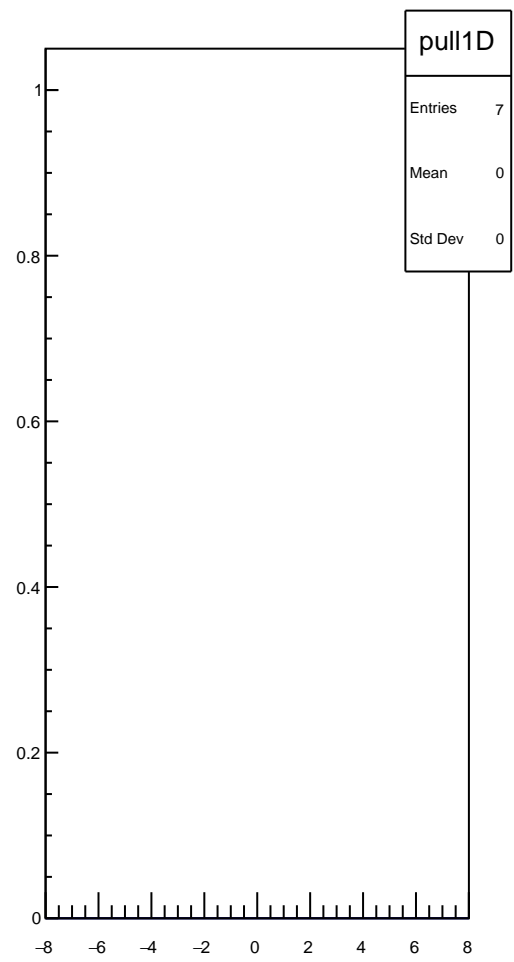
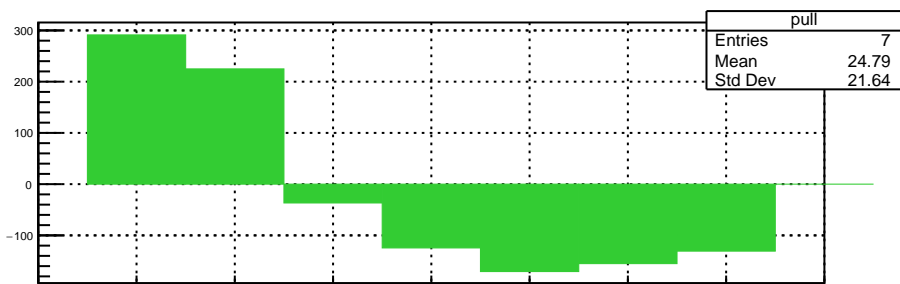
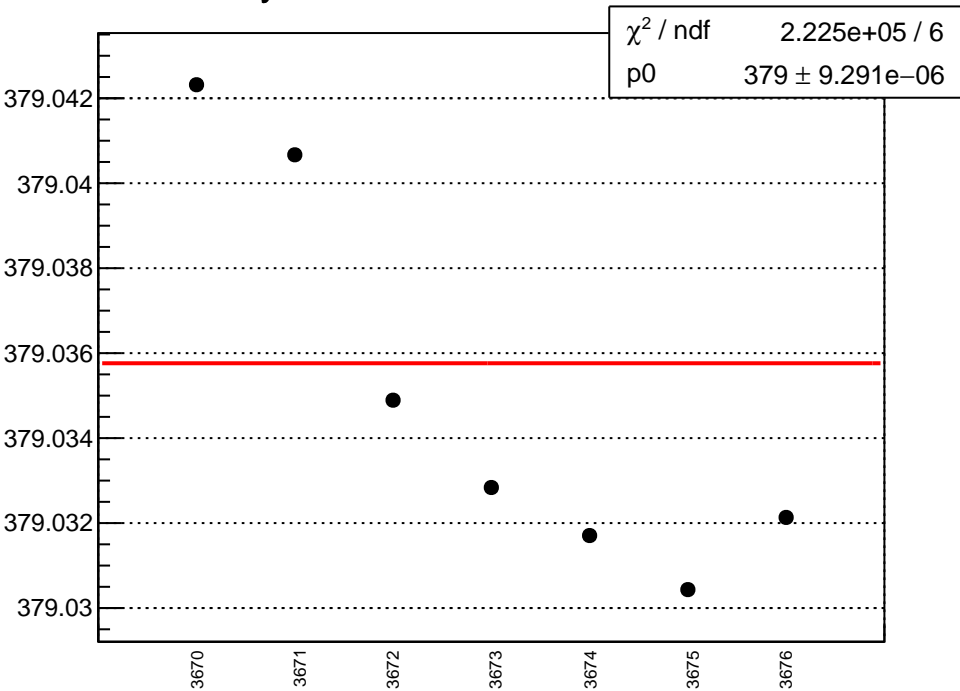
yield_cav4cQ_mean vs run



yield_cav4cQ_rms vs run



yield_cav4dQ_mean vs run



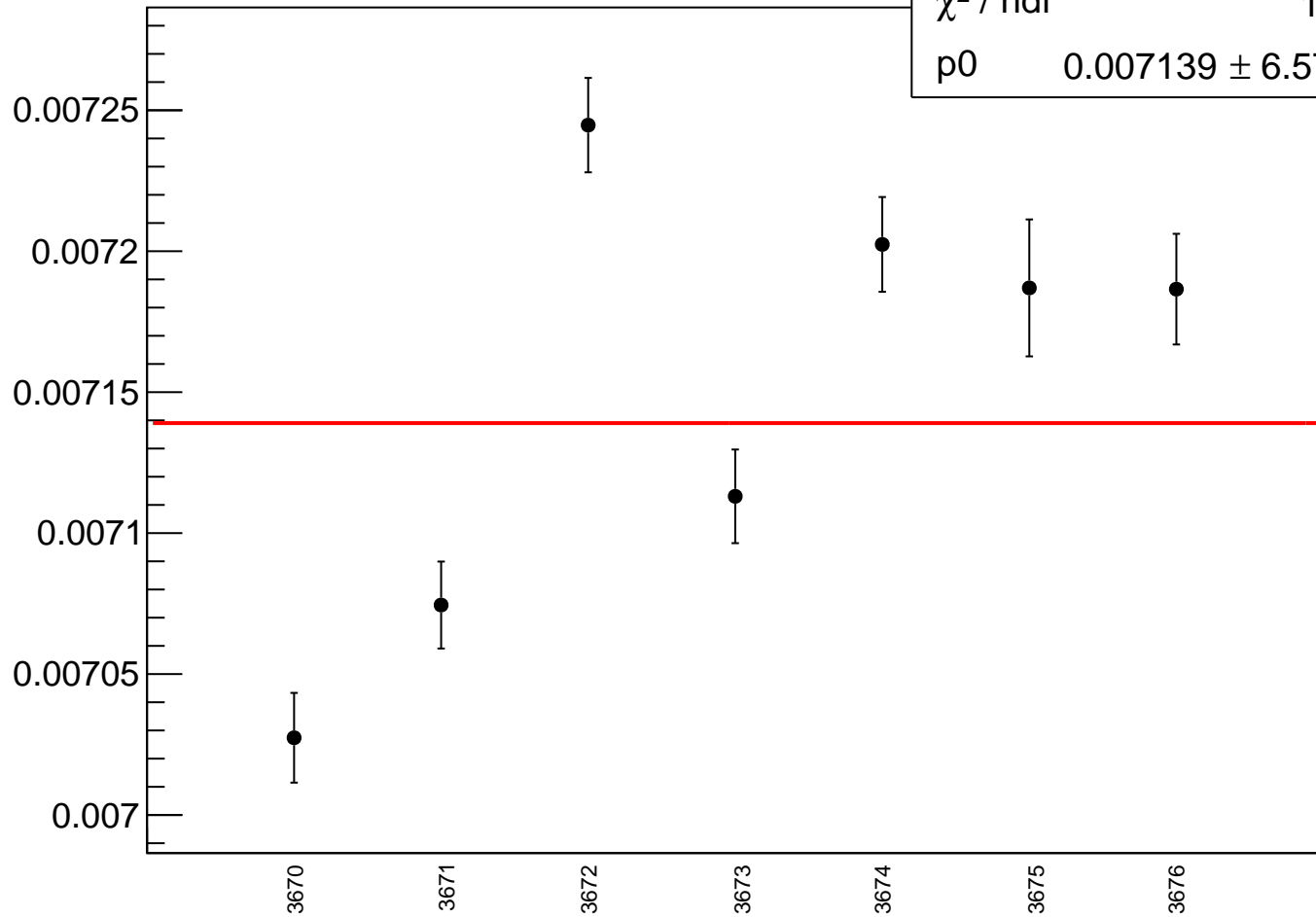
yield_cav4dQ_rms vs run

χ^2 / ndf

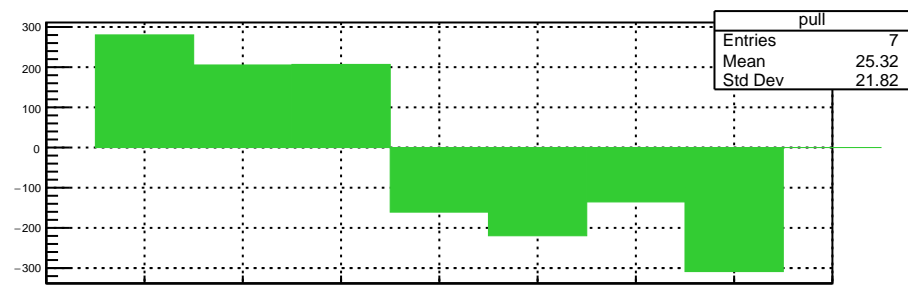
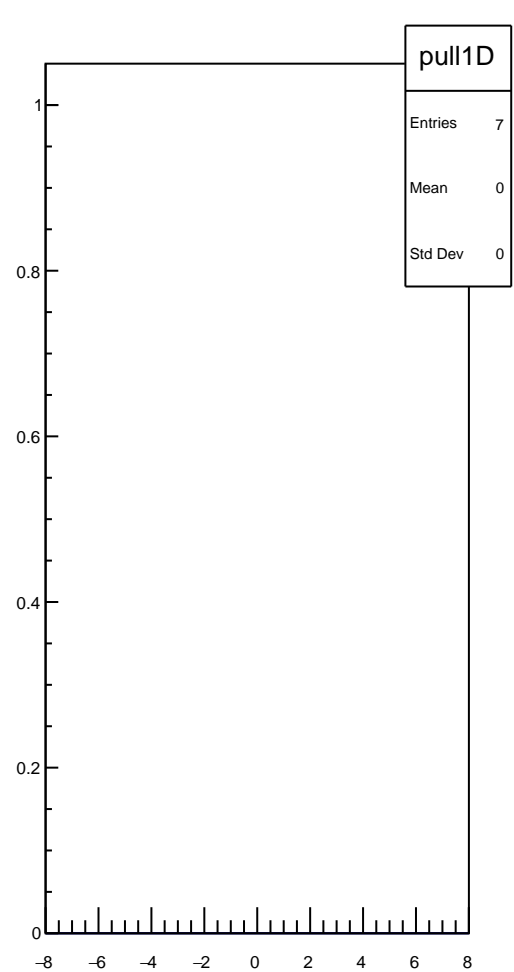
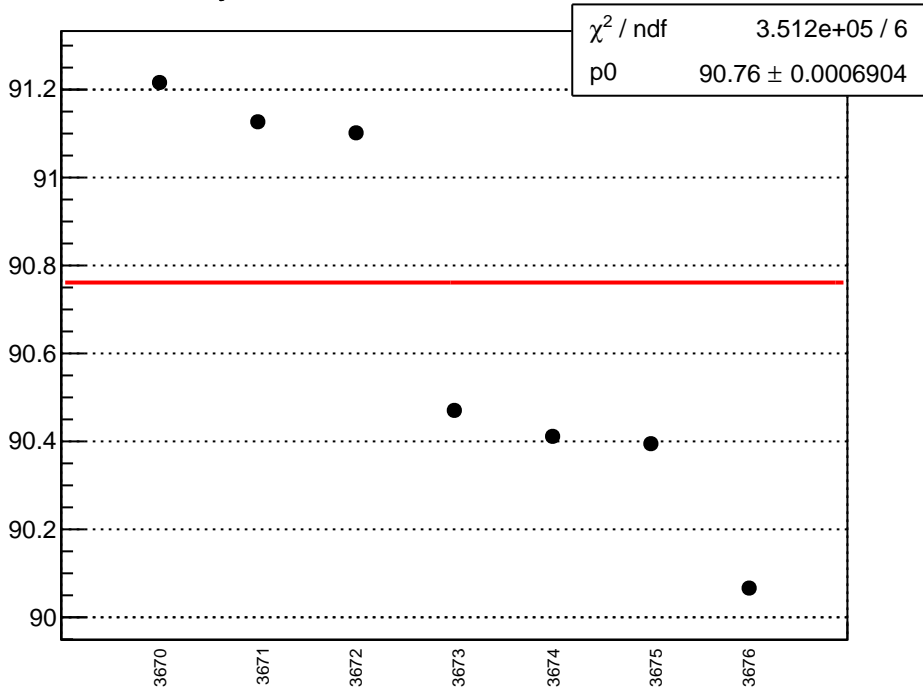
133 / 6

p0

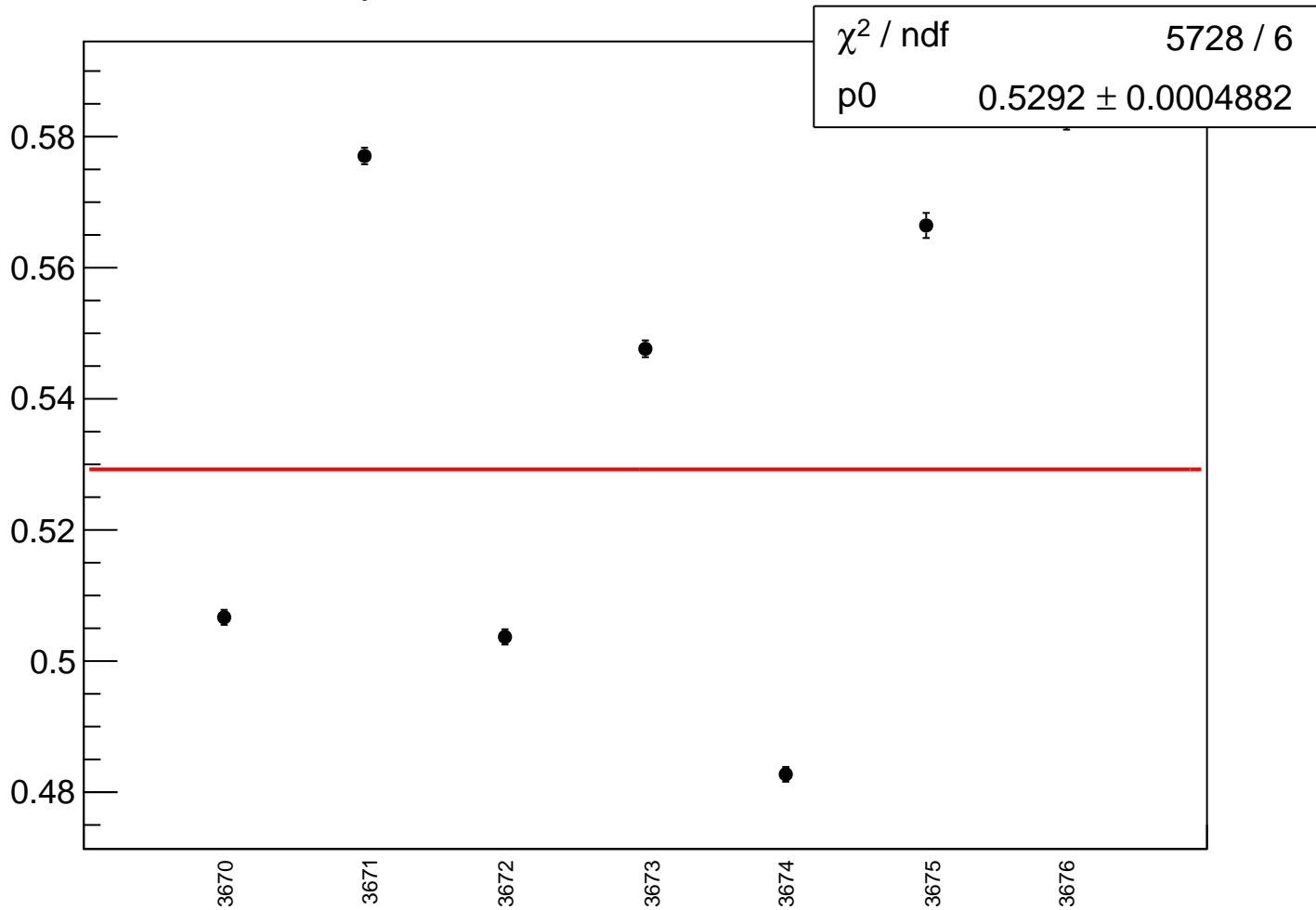
$0.007139 \pm 6.57\text{e-}06$



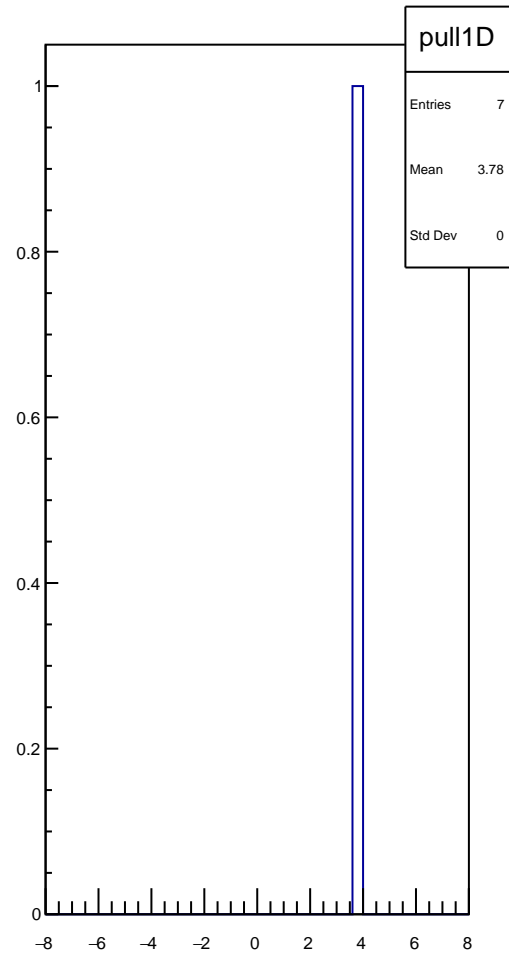
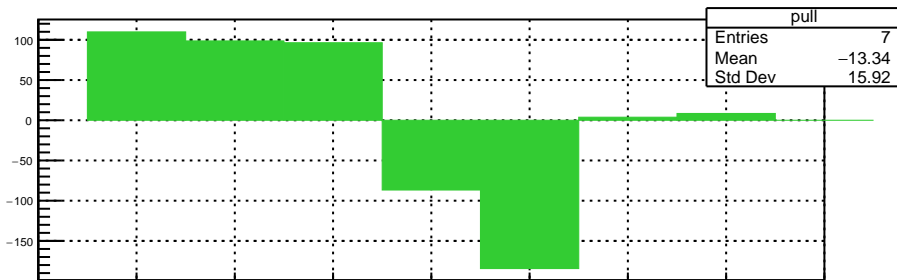
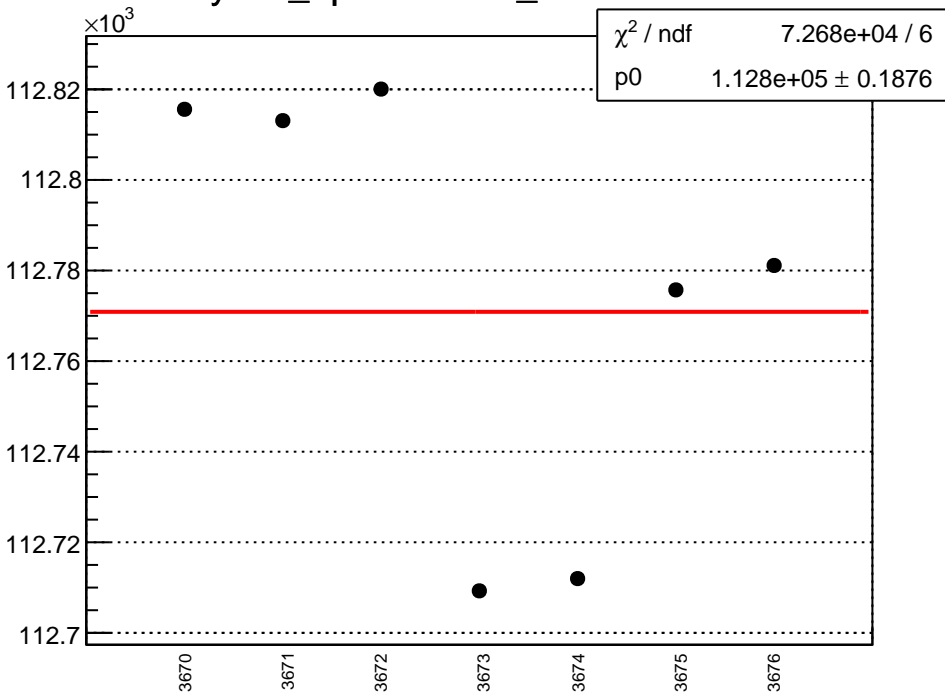
yield_bcm0102_mean vs run



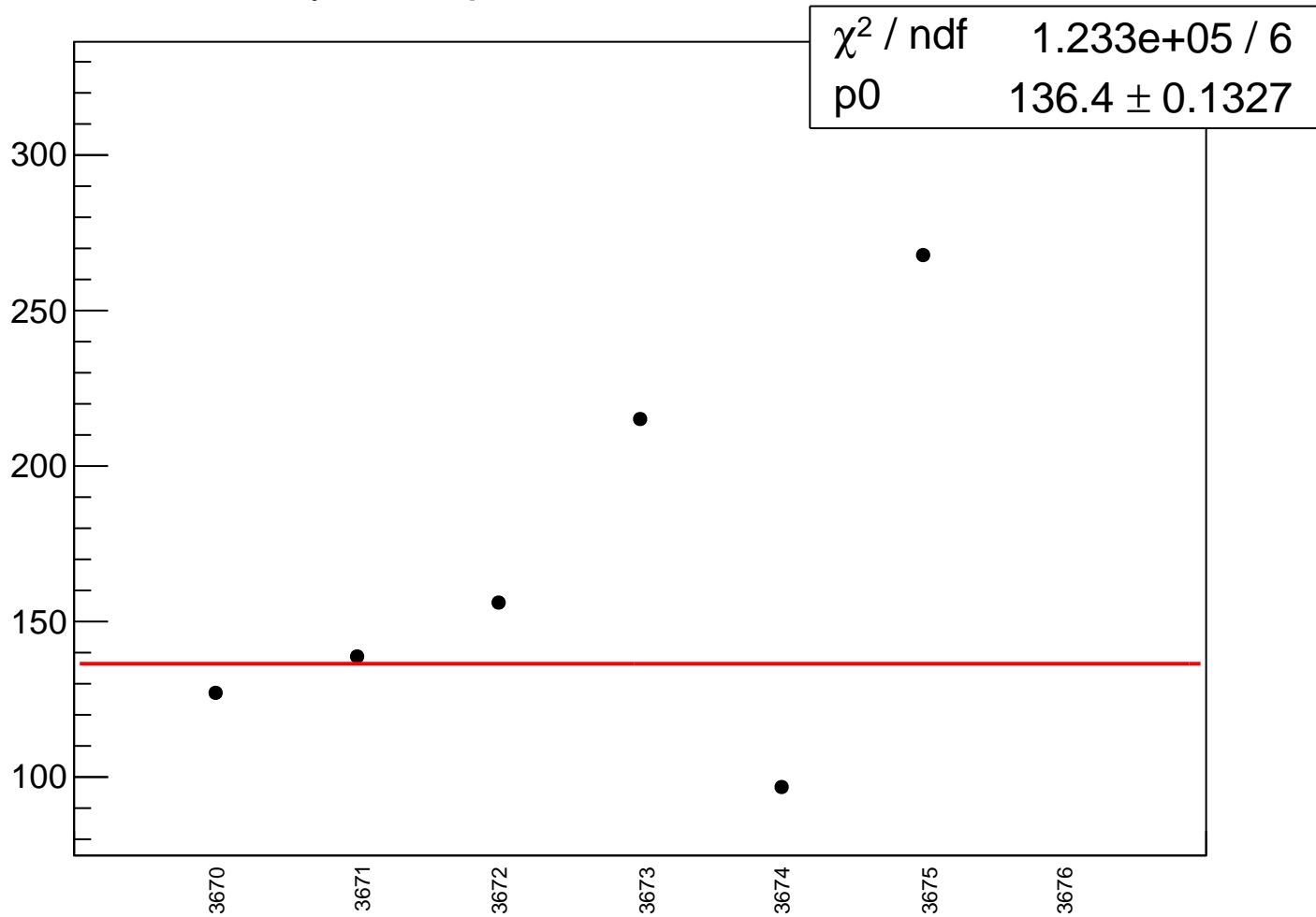
yield_bcm0l02_rms vs run



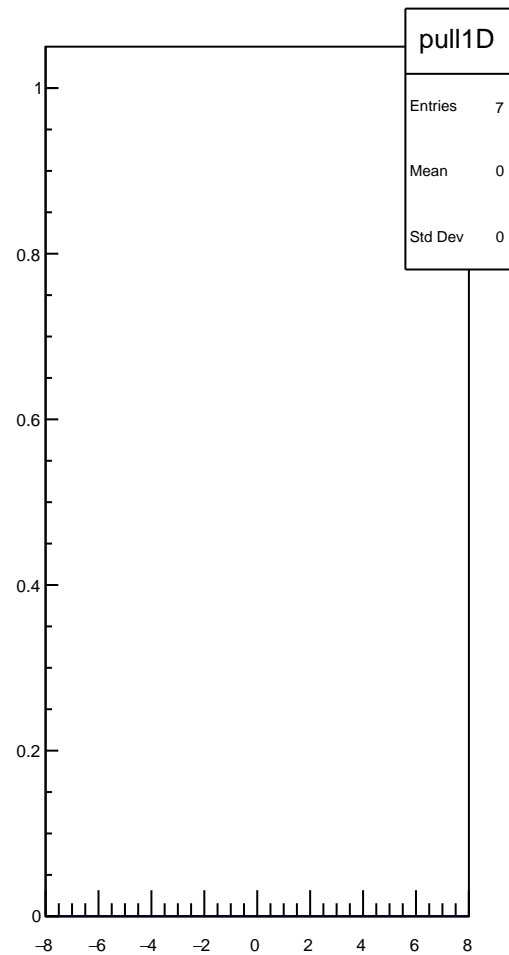
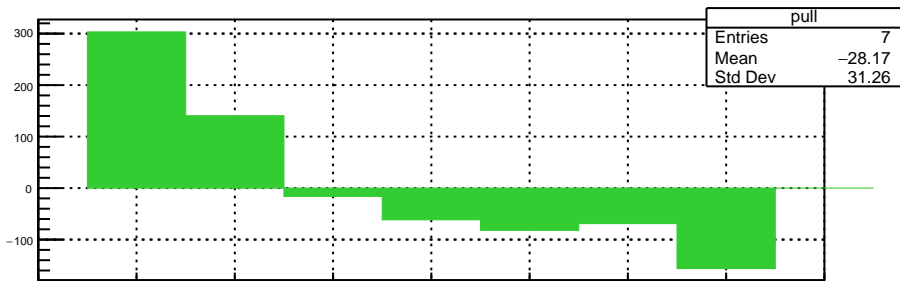
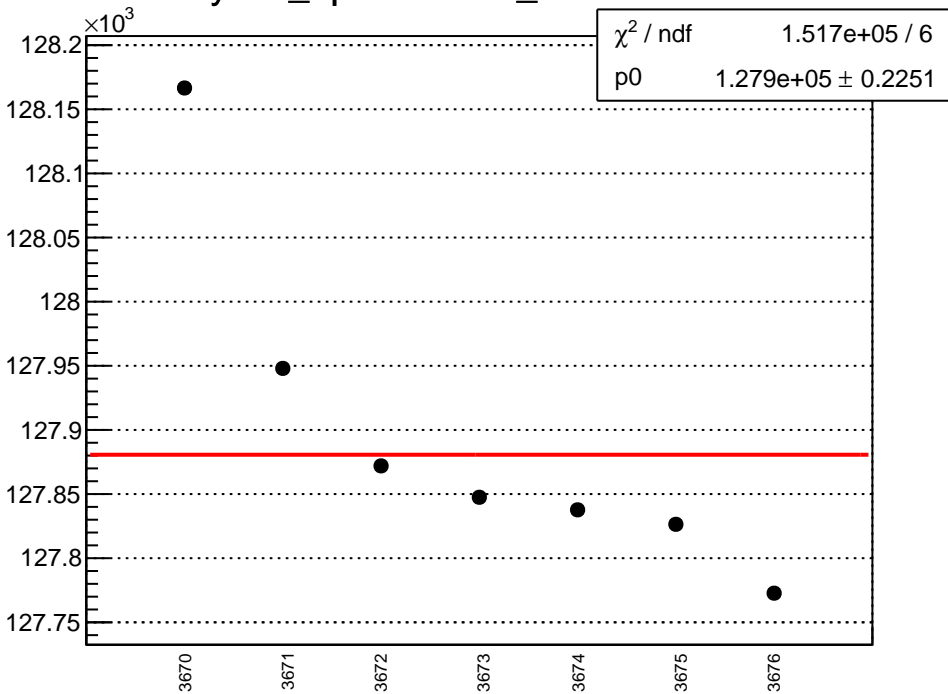
yield_bpm2i01WS_mean vs run



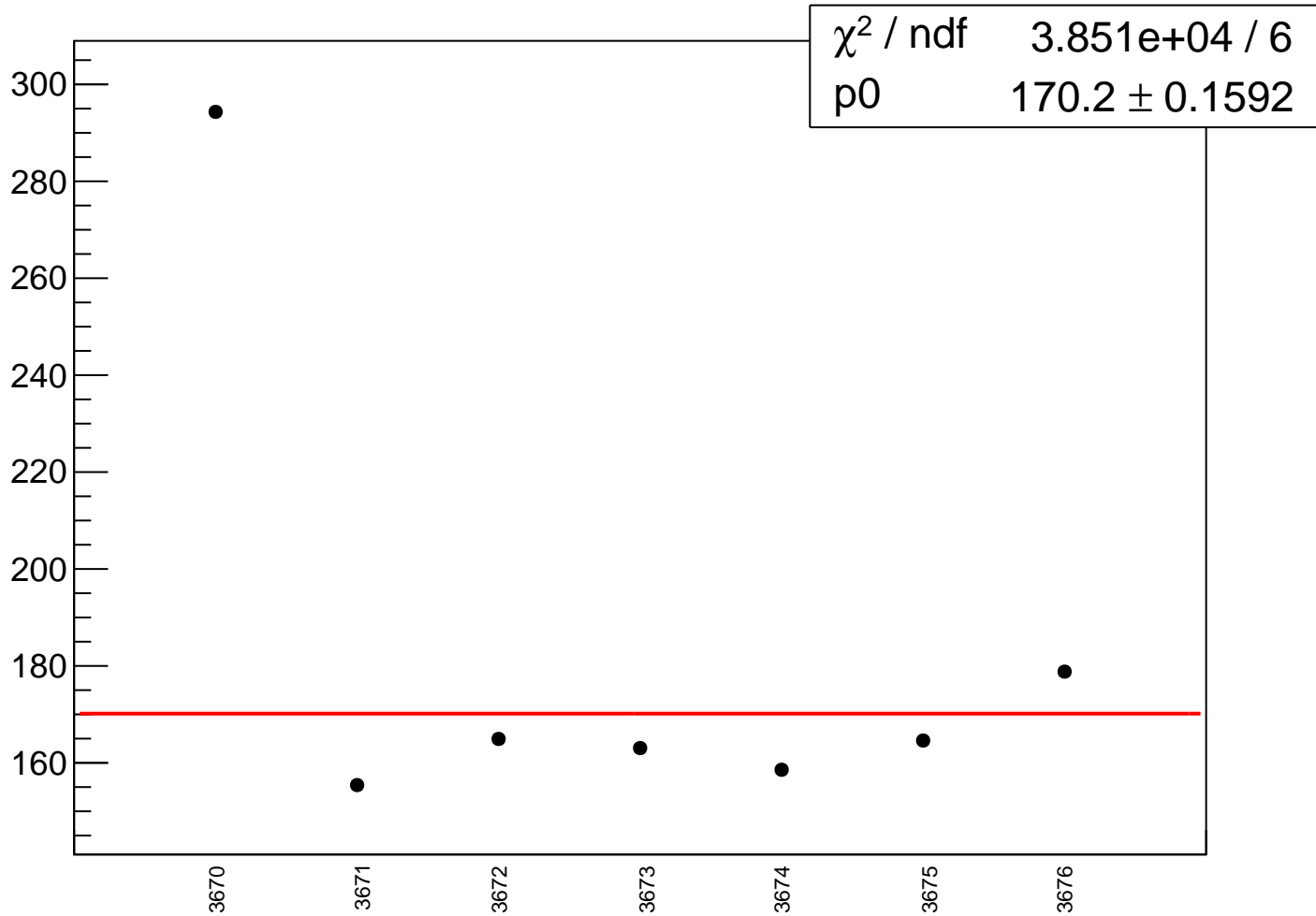
yield_bpm2i01WS_rms vs run



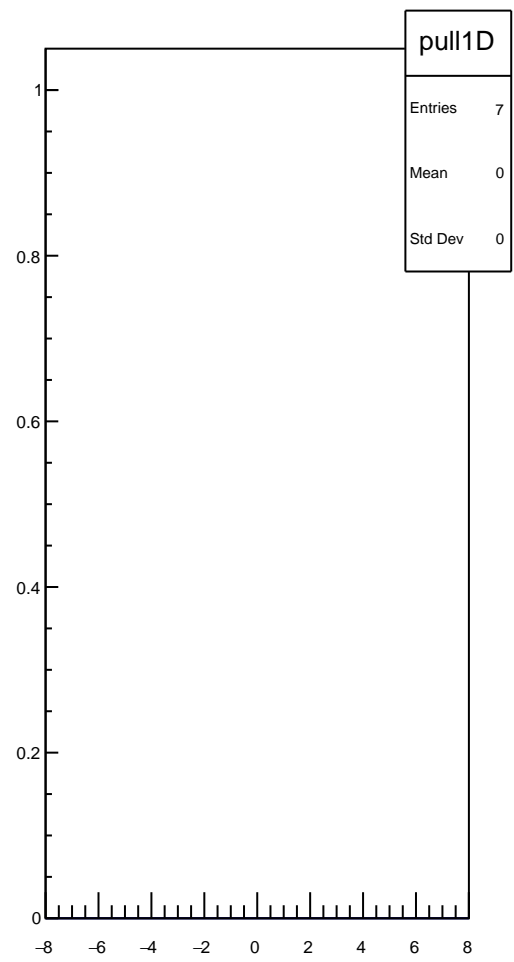
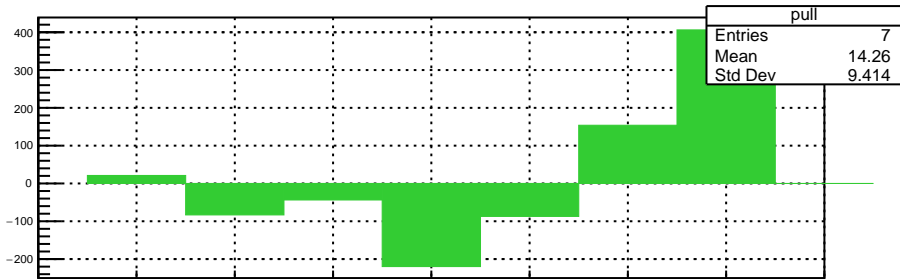
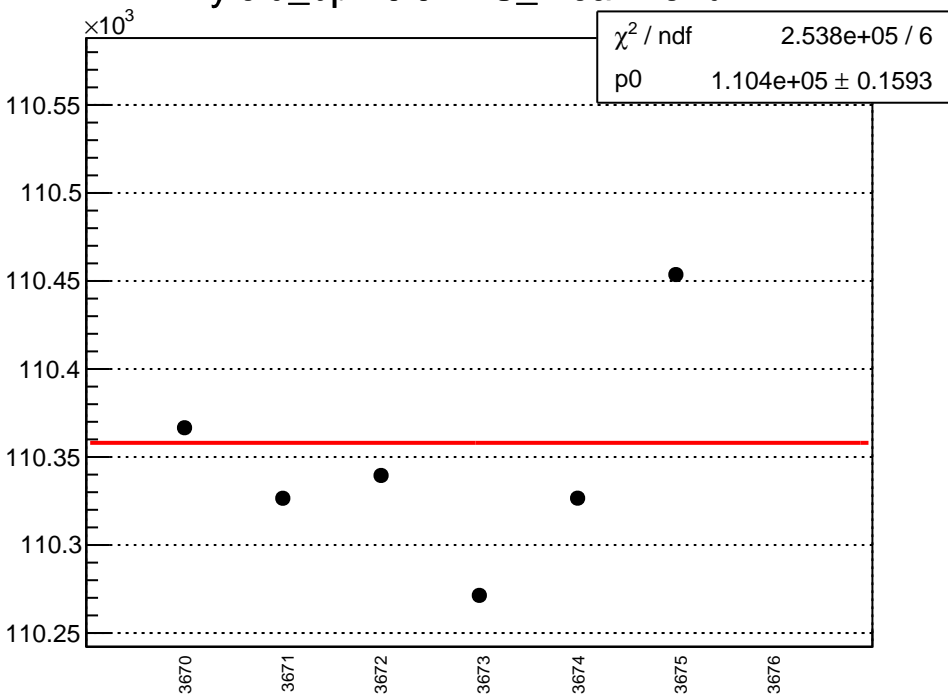
yield_bpm0i07WS_mean vs run



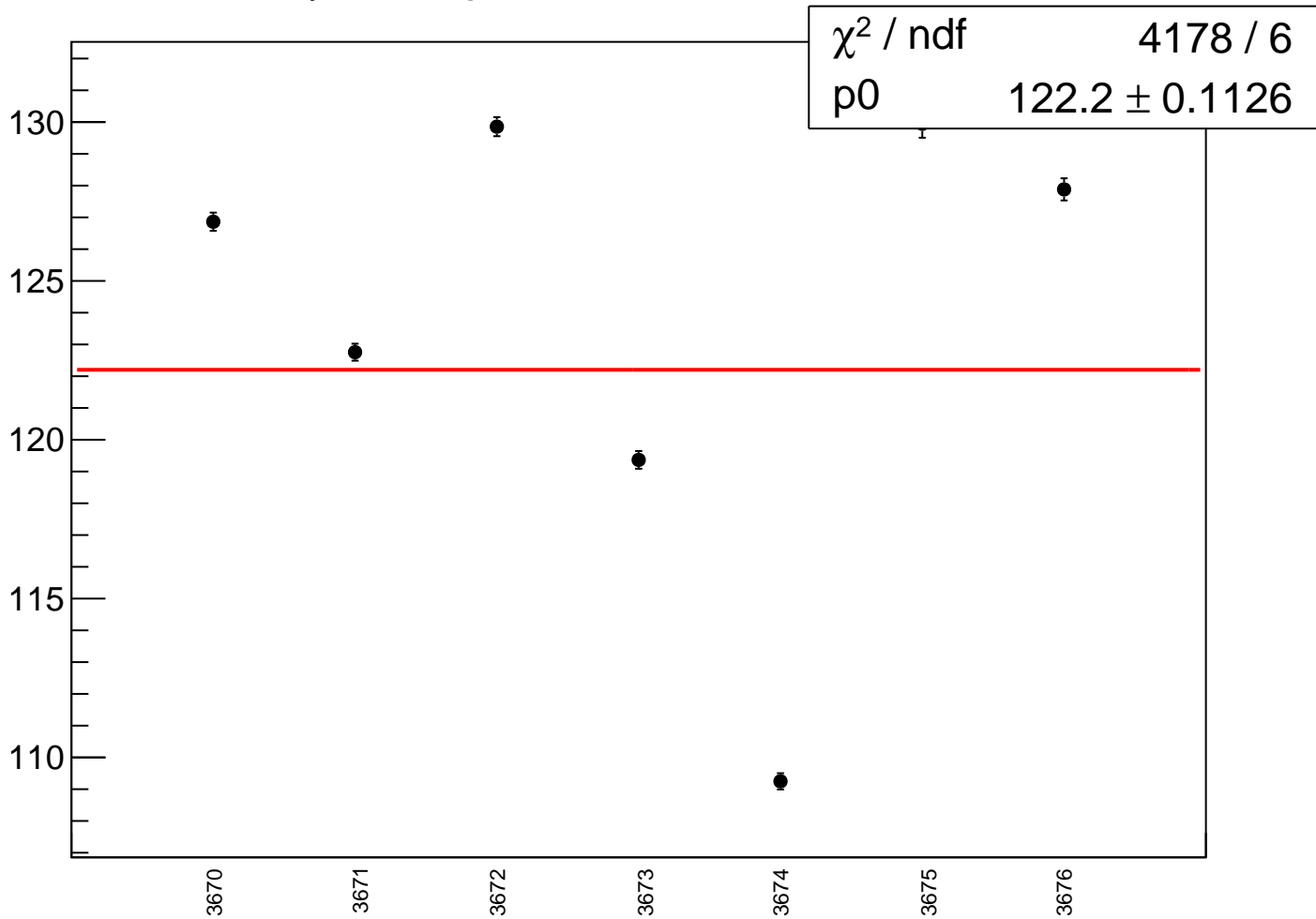
yield_bpm0i07WS_rms vs run



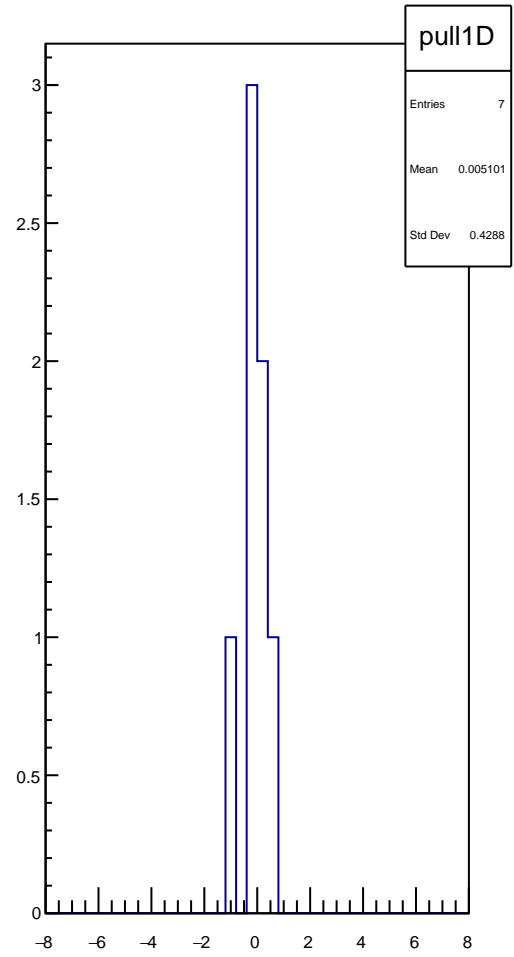
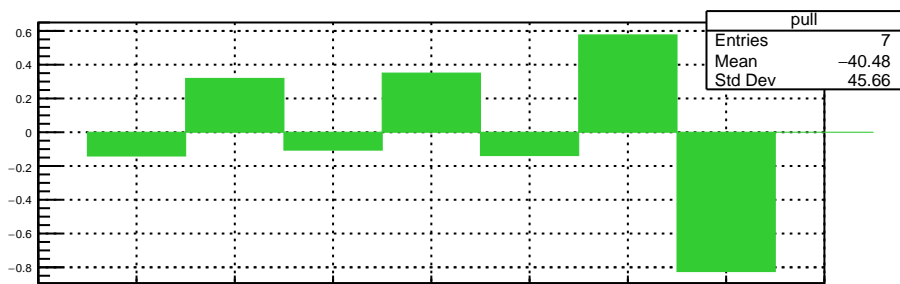
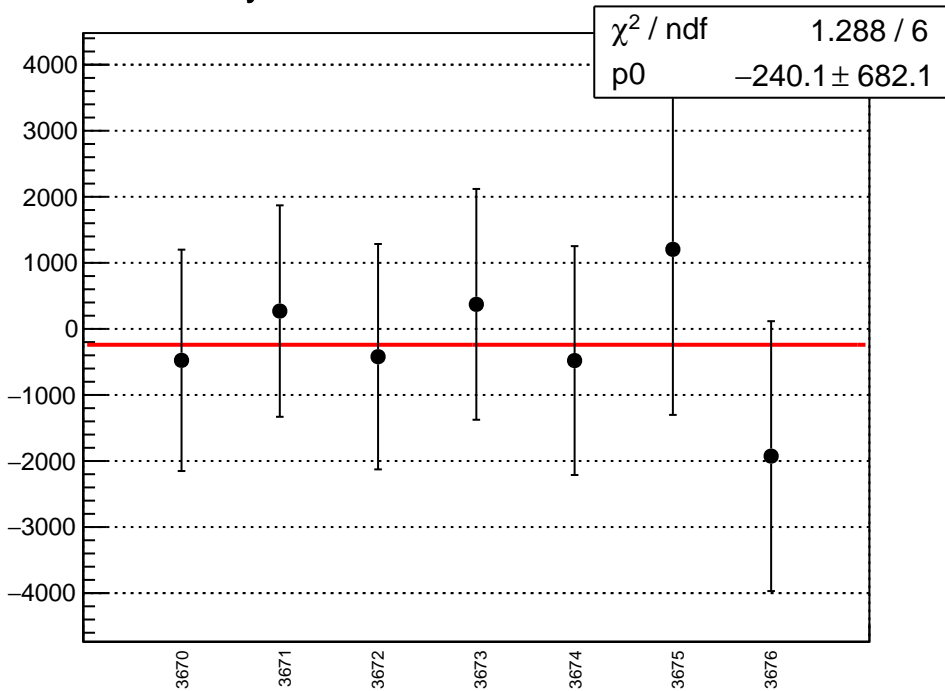
yield_bpm0l01WS_mean vs run



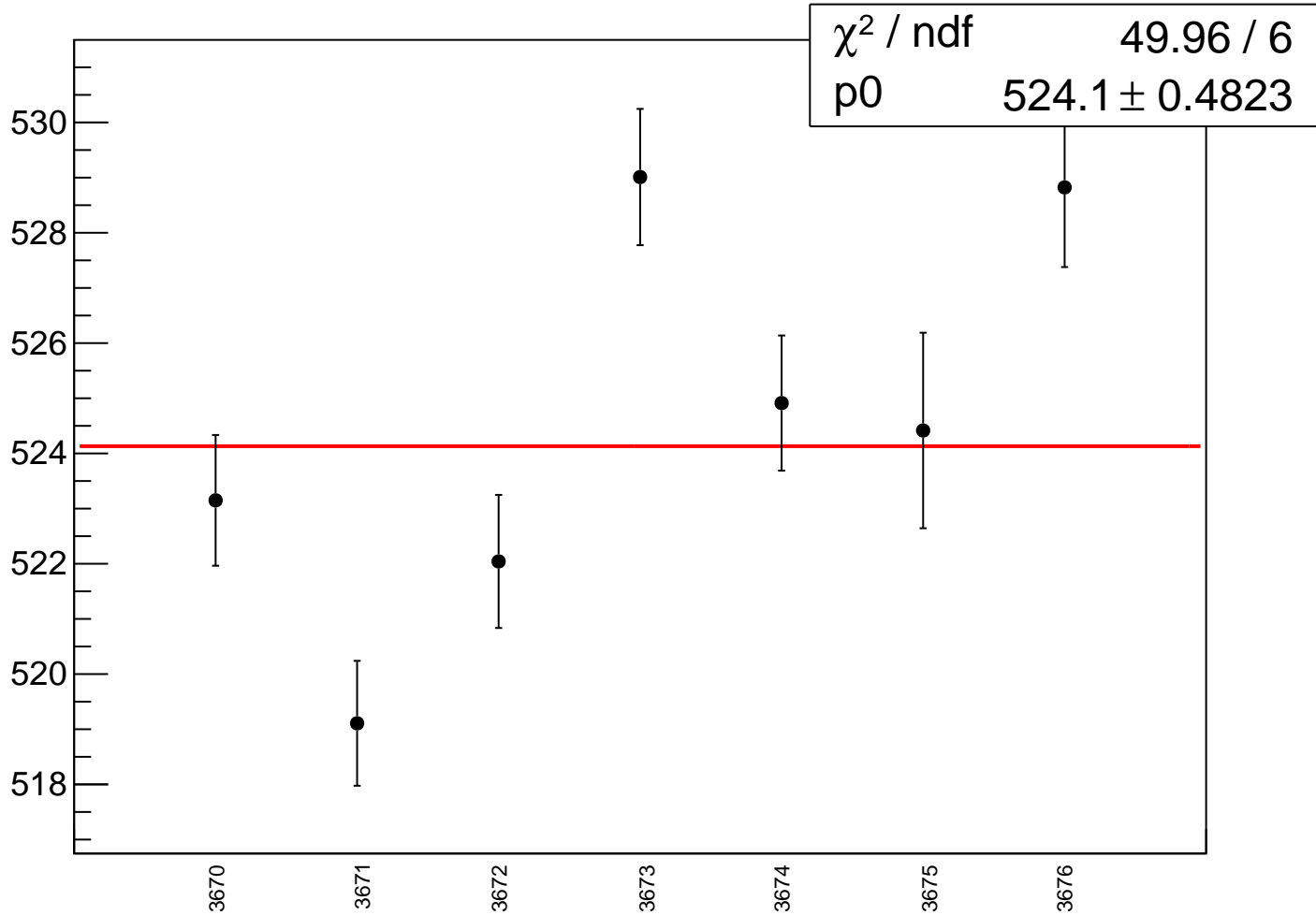
yield_bpm0l01WS_rms vs run



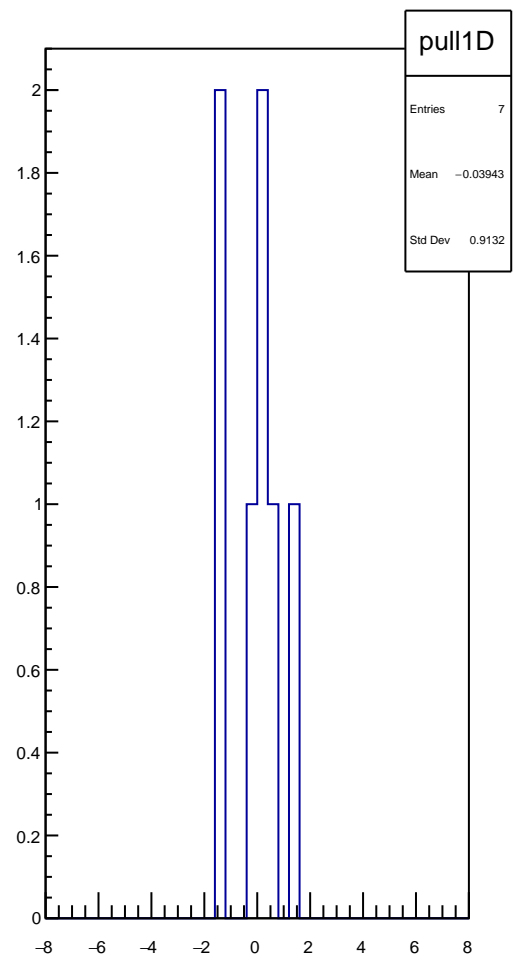
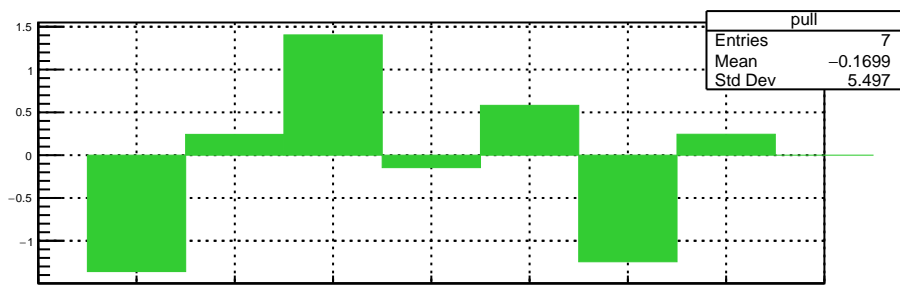
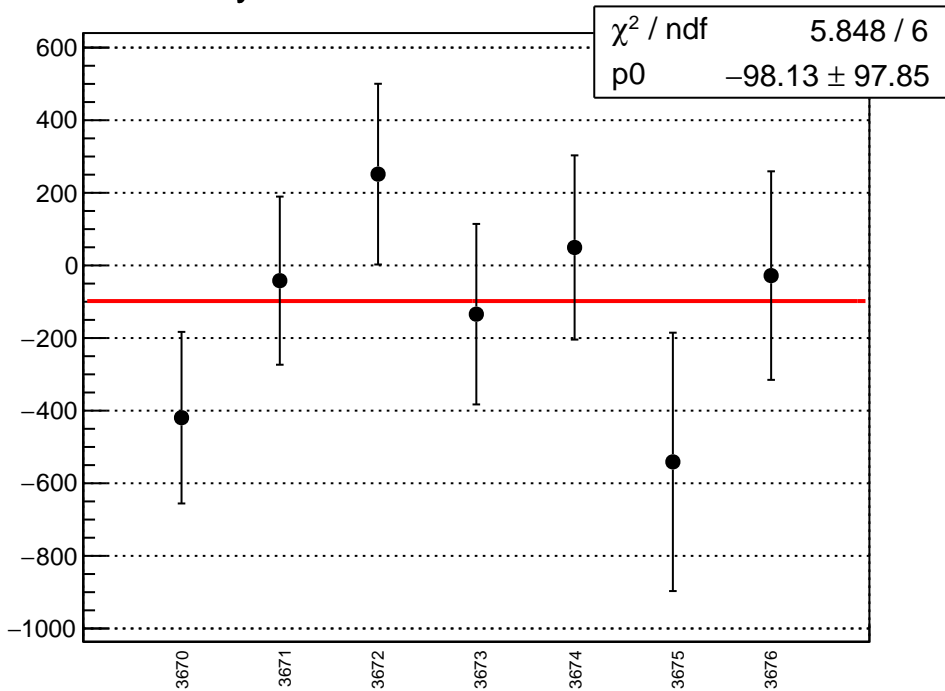
asym_bcm_an_ds_mean vs run



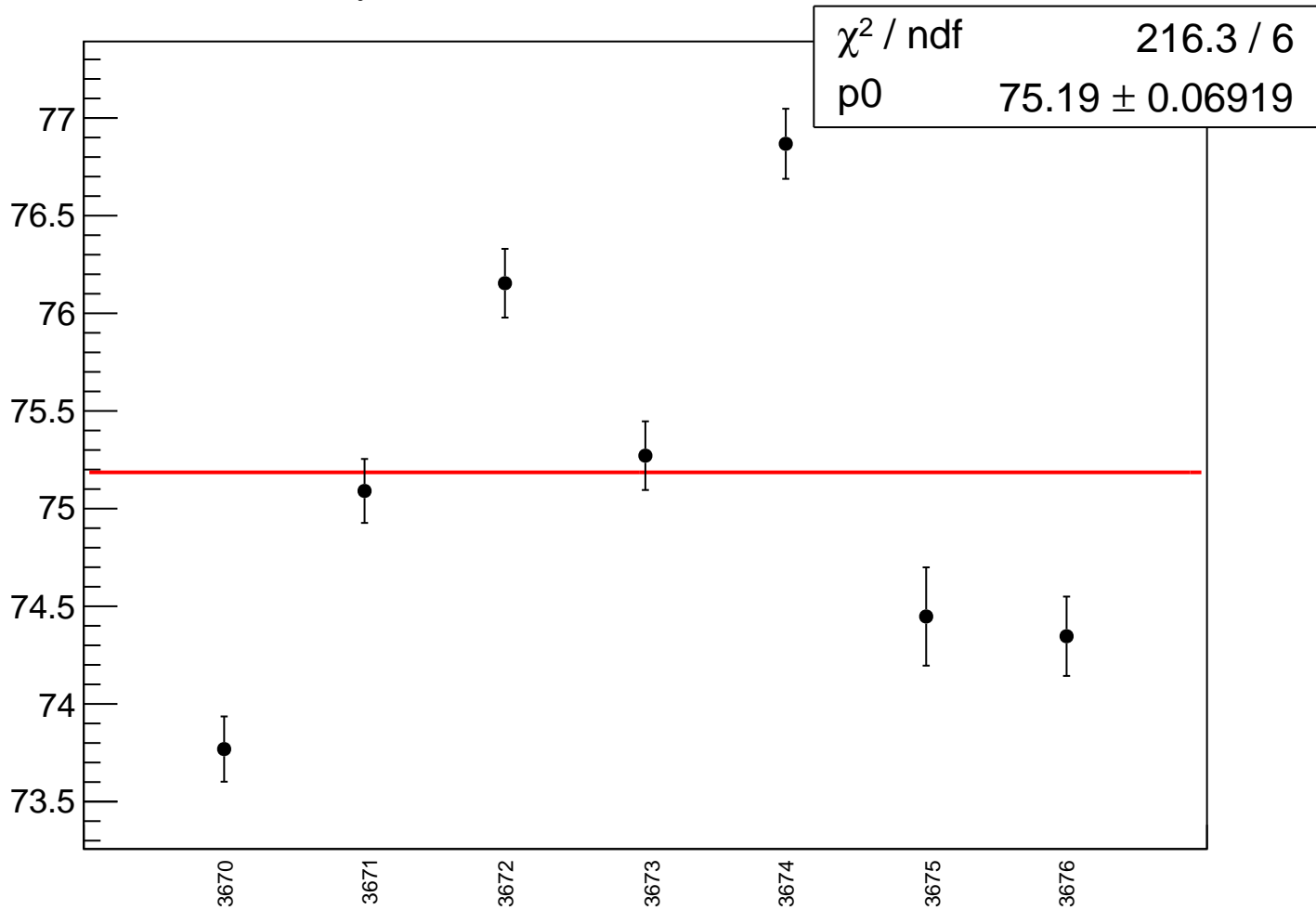
asym_bcm_an_ds_rms vs run



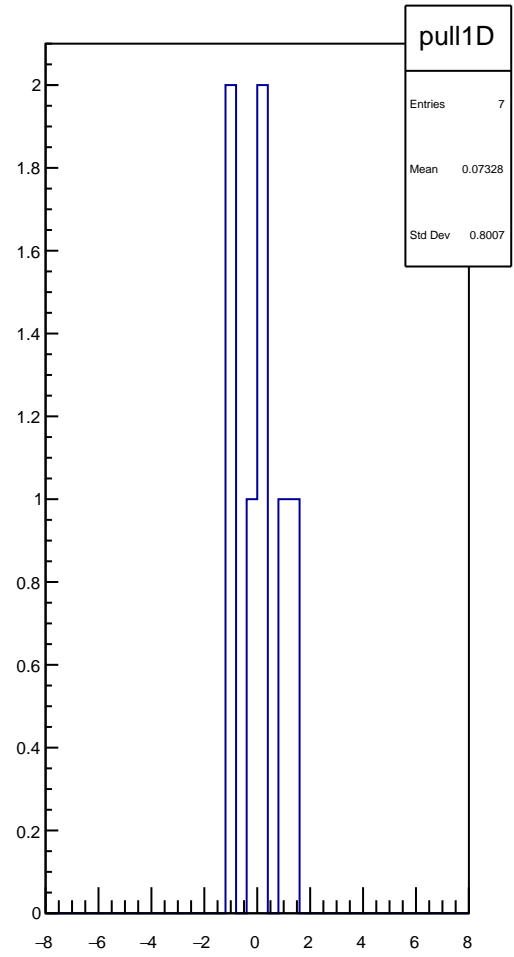
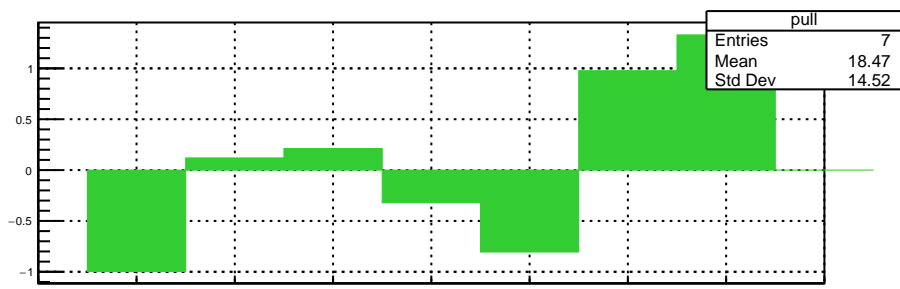
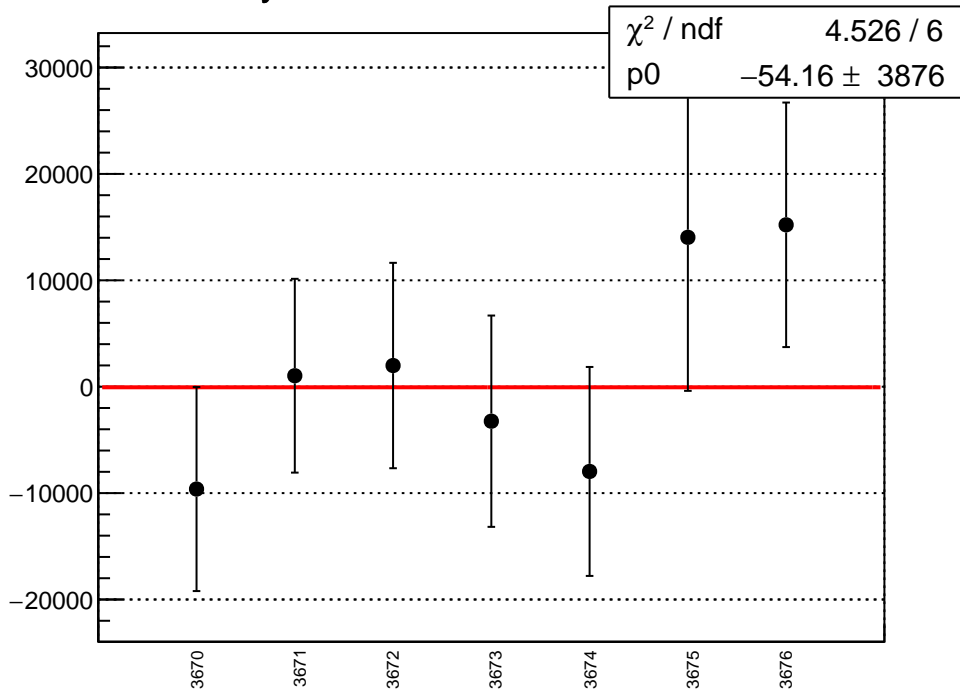
asym_bcm_an_ds3_mean vs run



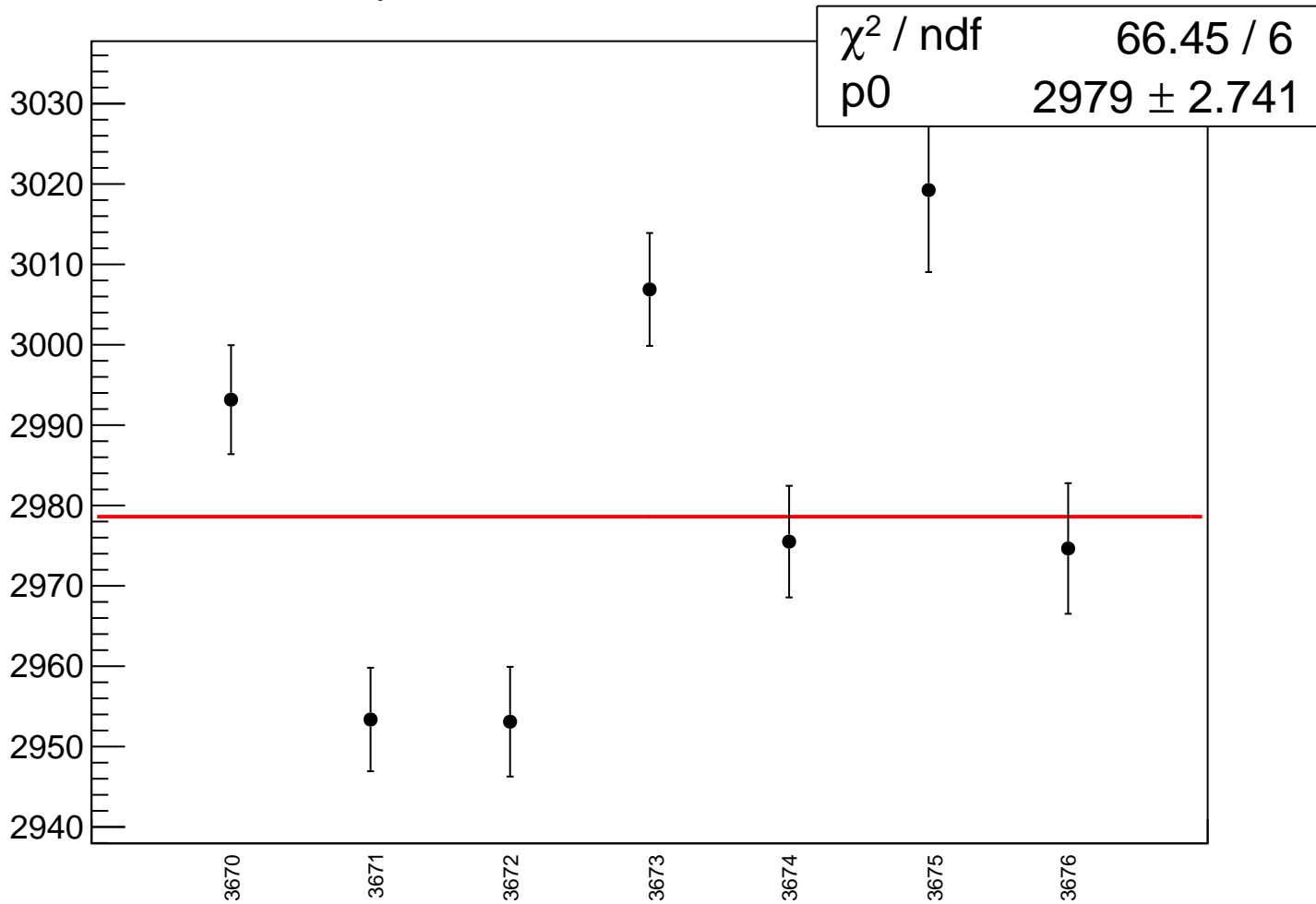
asym_bcm_an_ds3_rms vs run



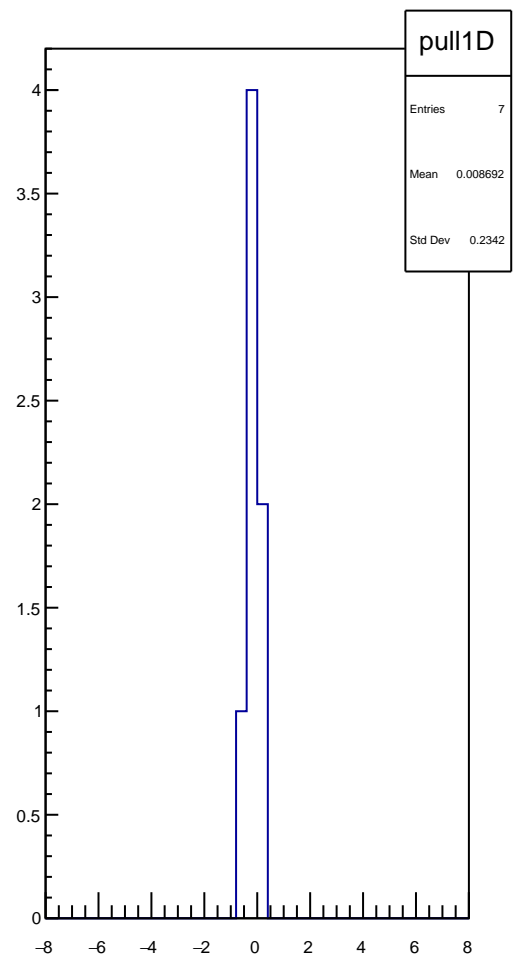
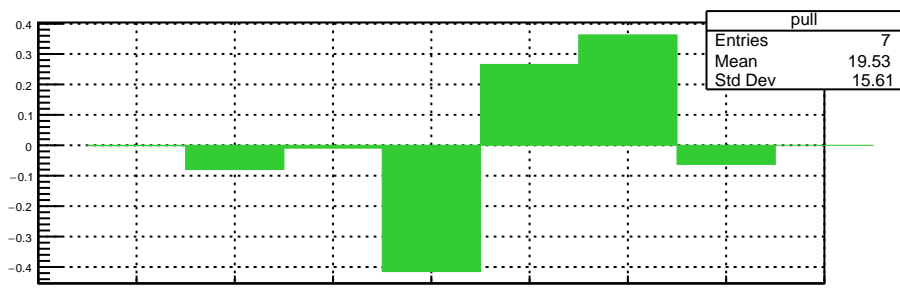
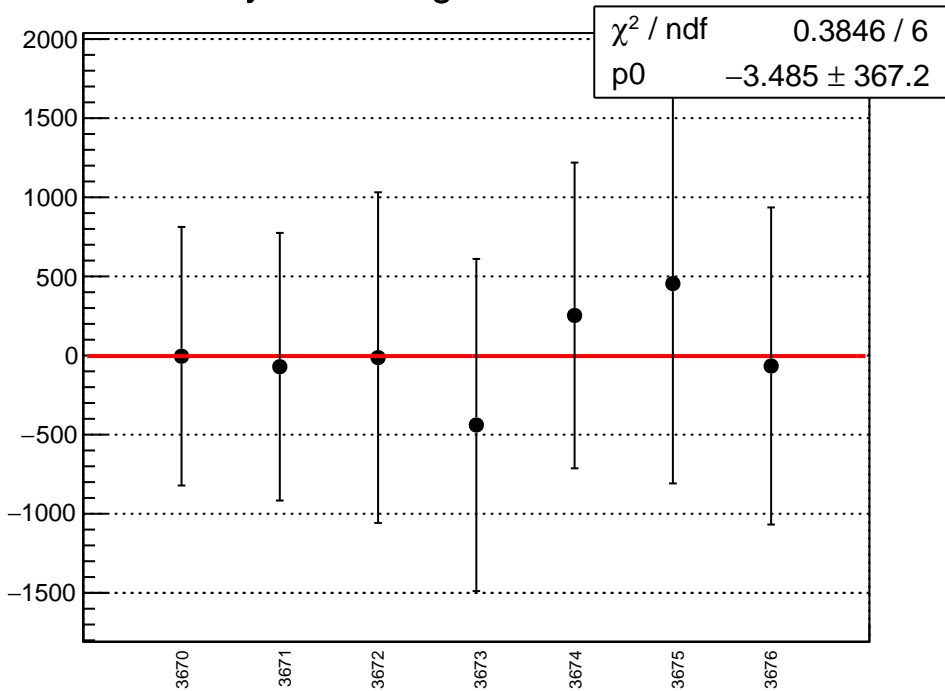
asym_bcm_an_us_mean vs run



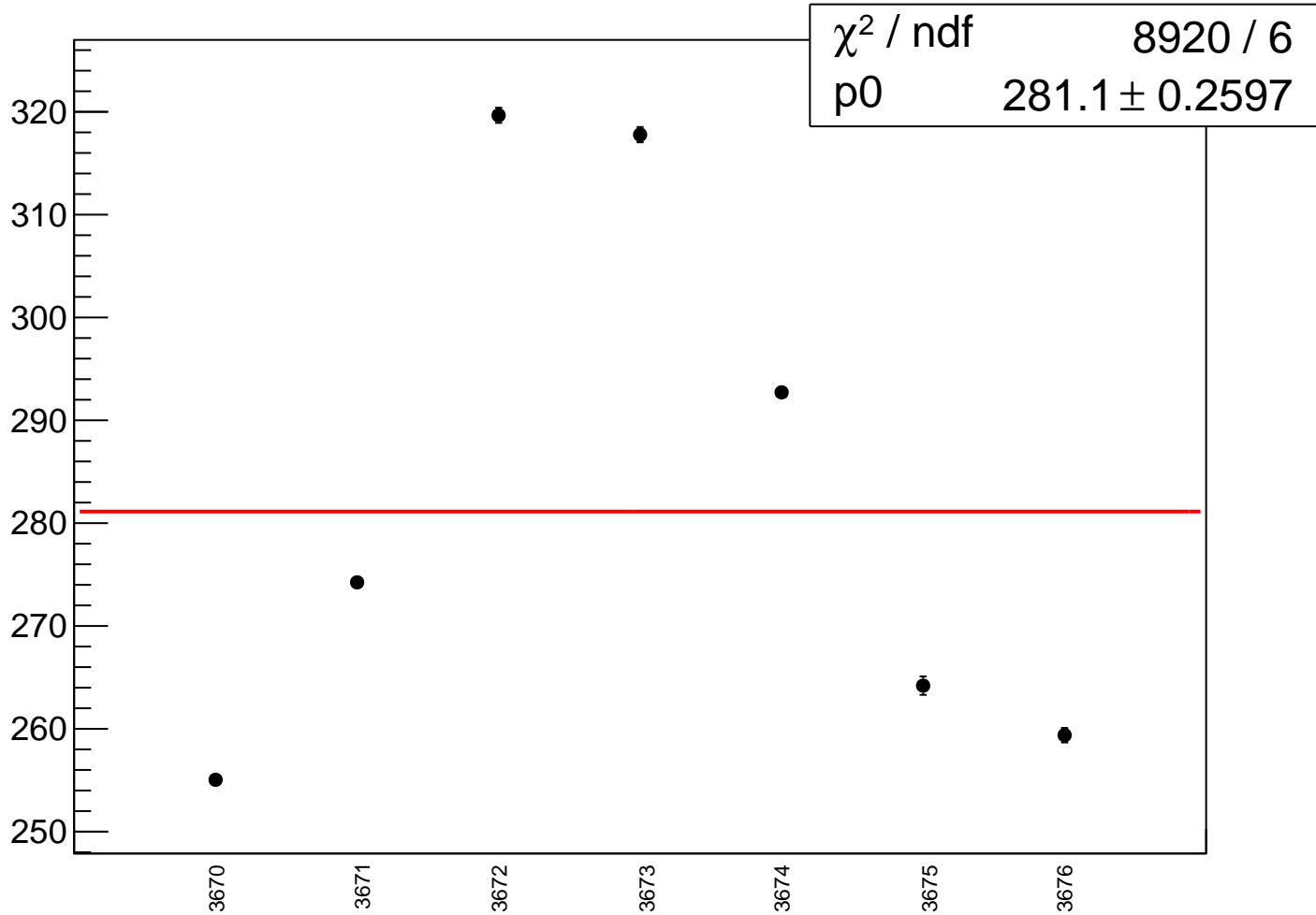
asym_bcm_an_us_rms vs run



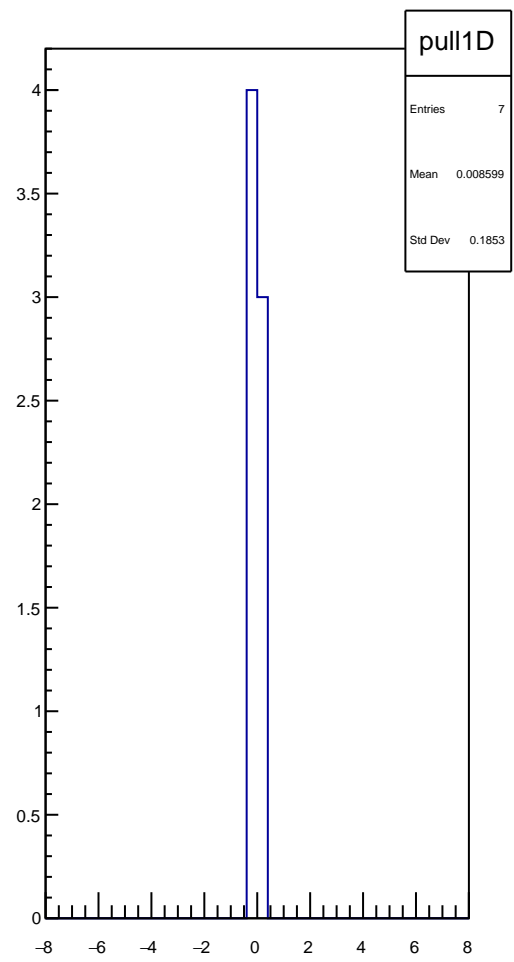
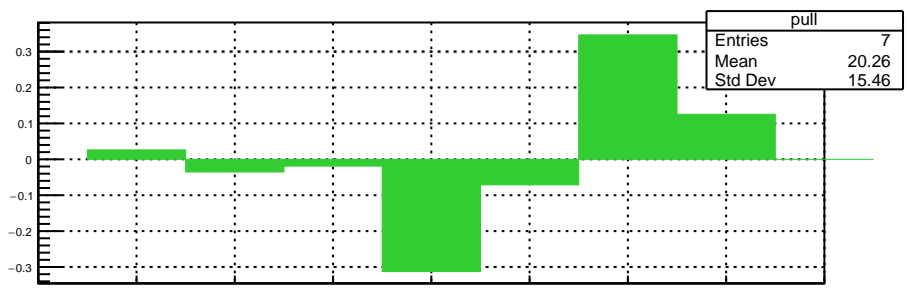
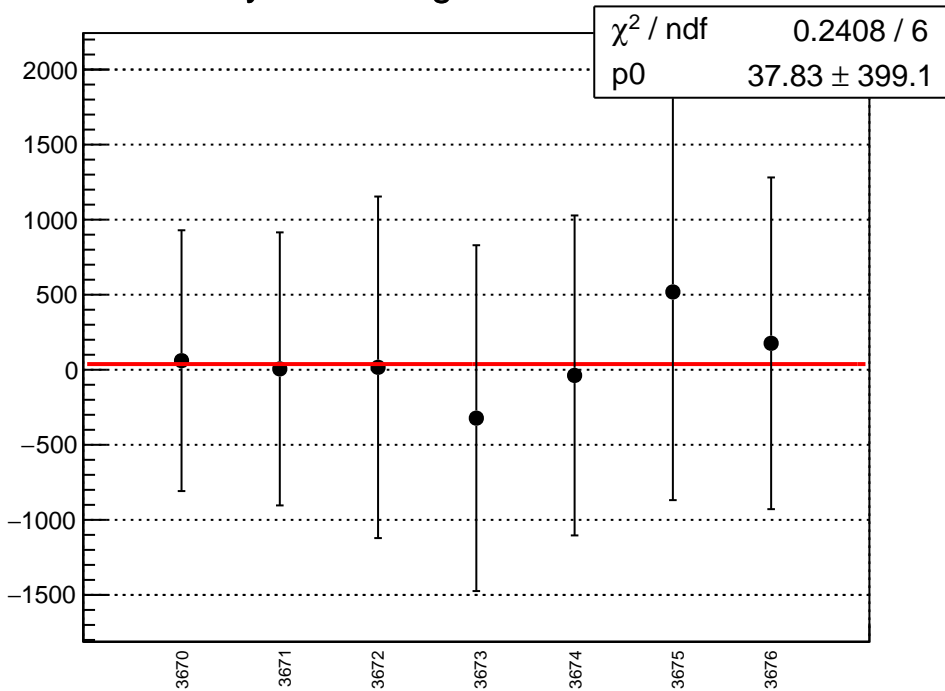
asym_bcm_dg_us_mean vs run



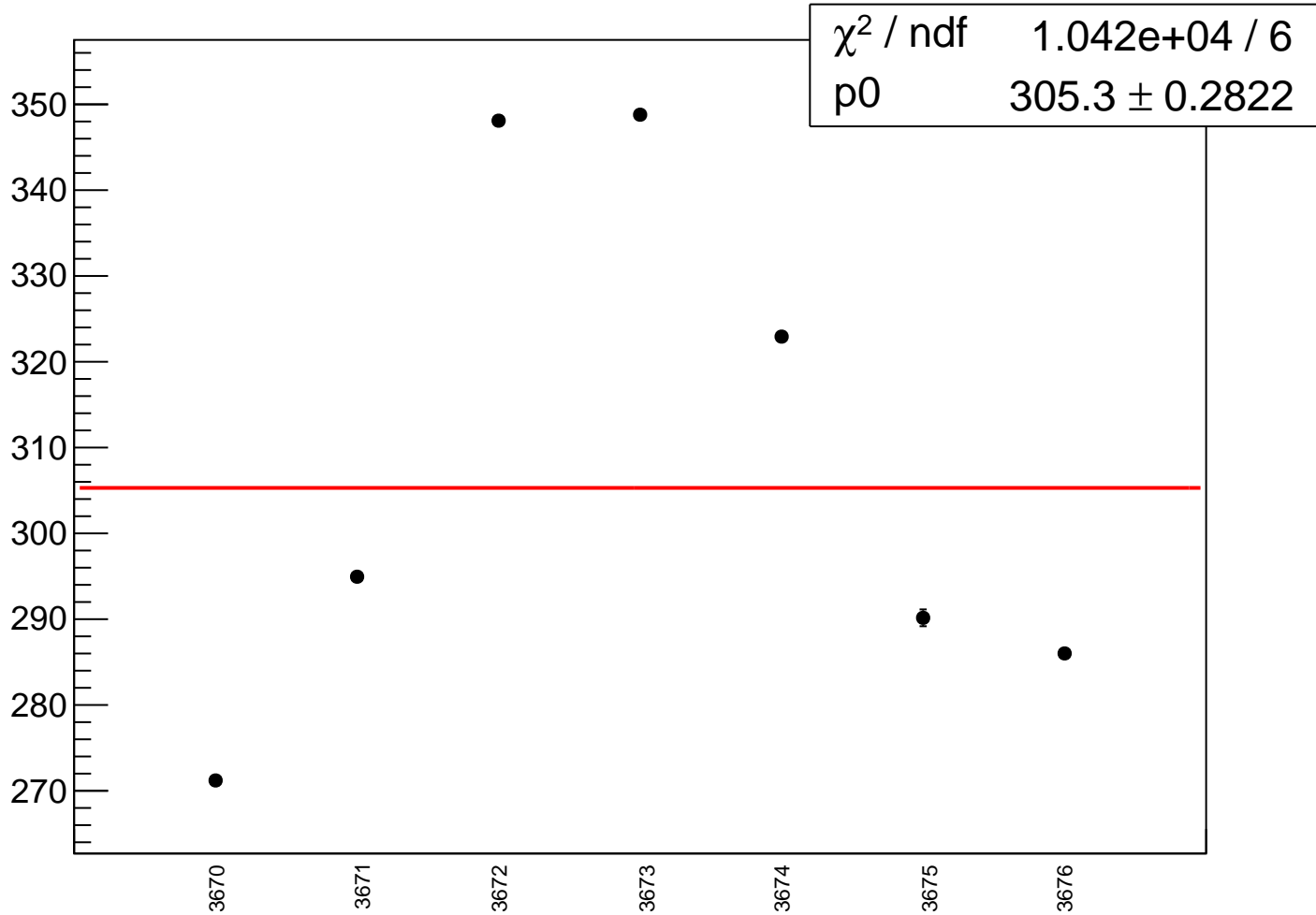
asym_bcm_dg_us_rms vs run



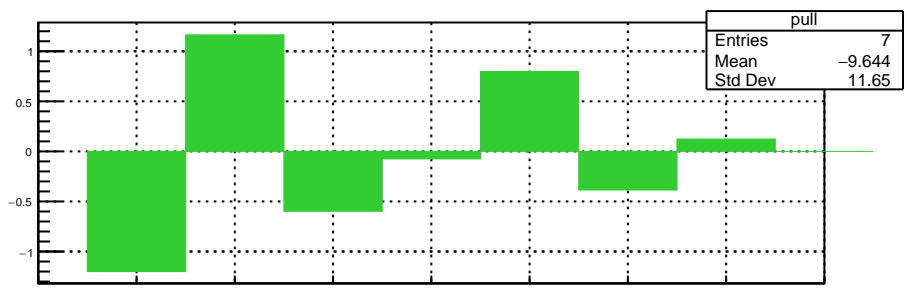
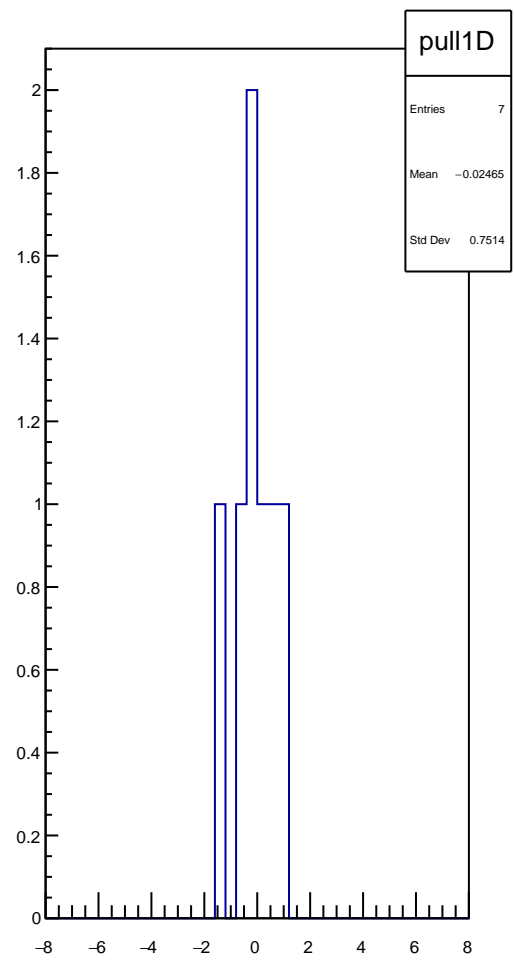
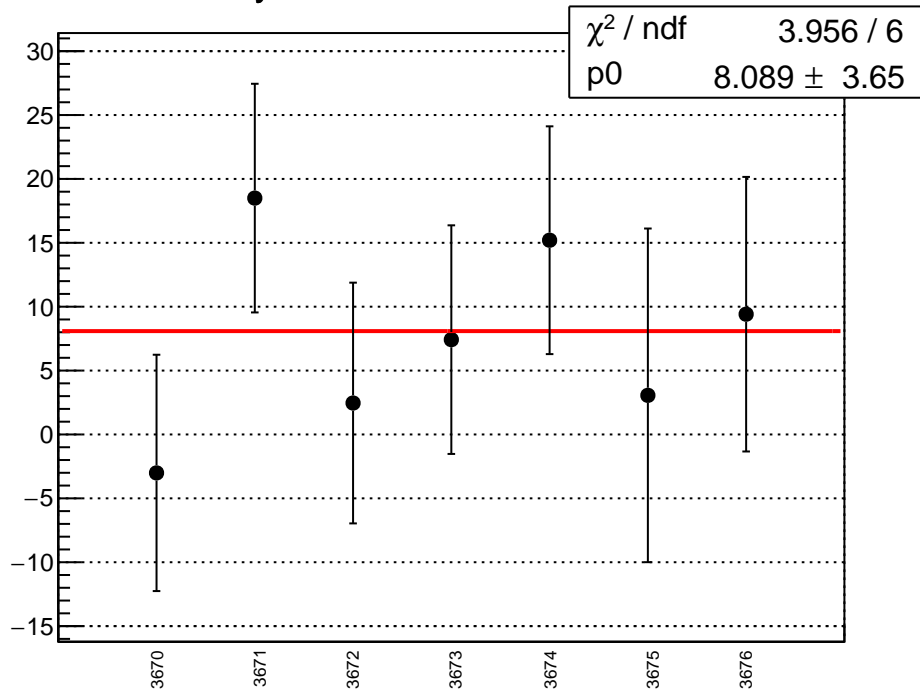
asym_bcm_dg_ds_mean vs run



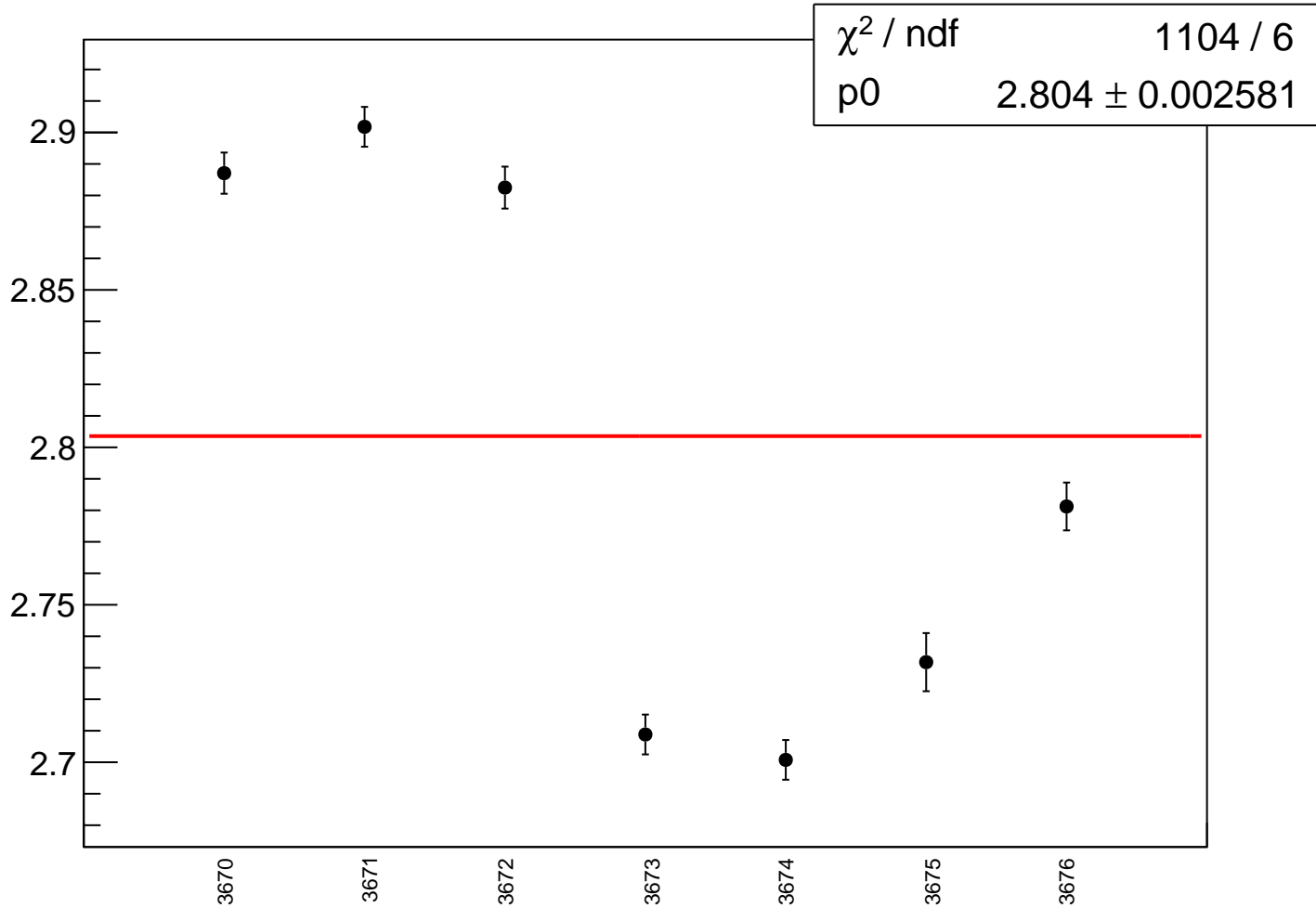
asym_bcm_dg_ds_rms vs run



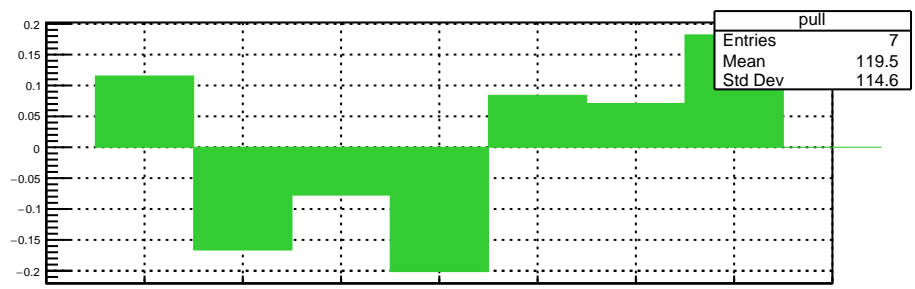
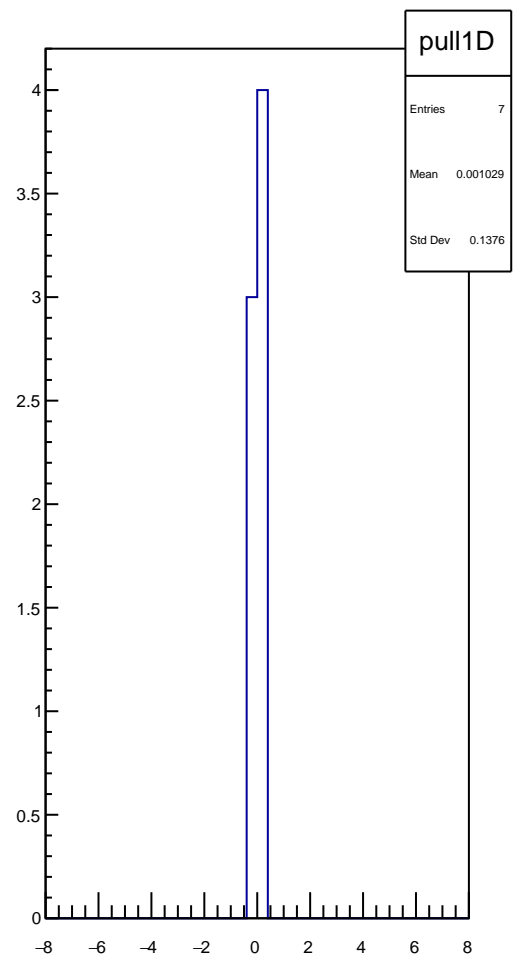
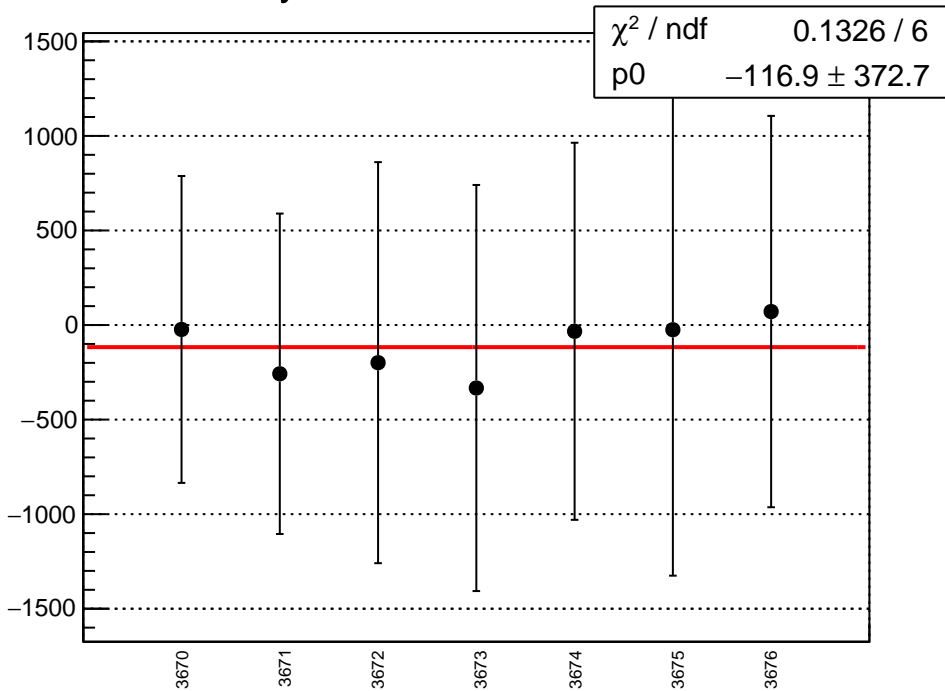
asym_cav4bQ_mean vs run



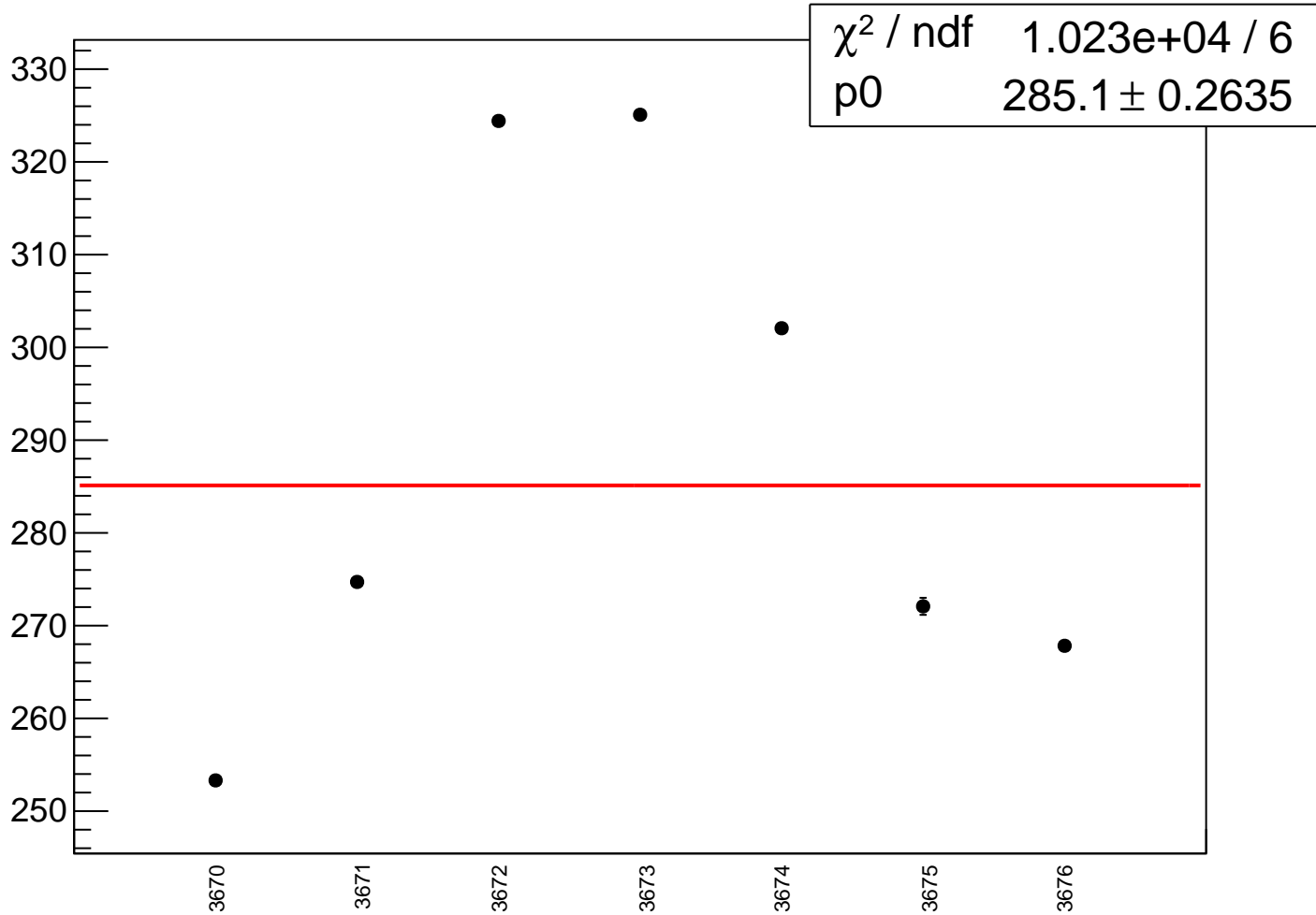
asym_cav4bQ_rms vs run



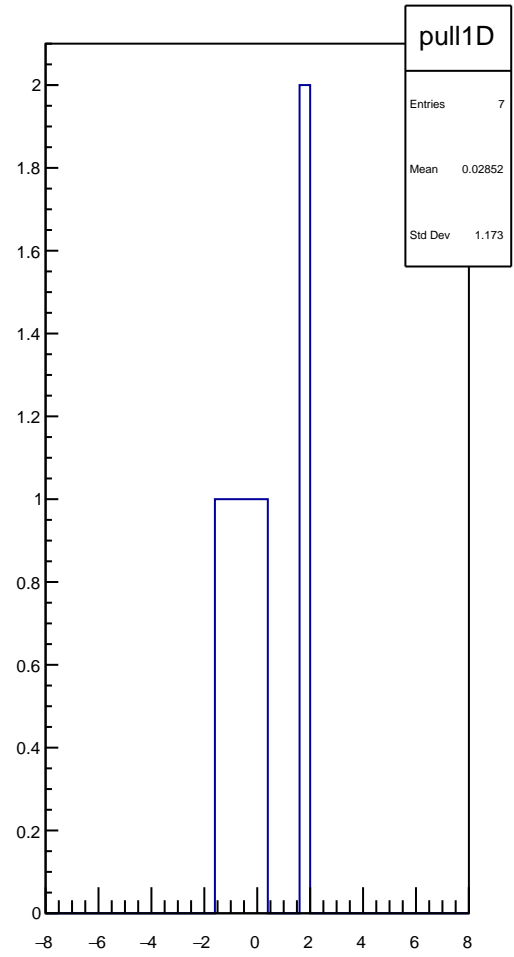
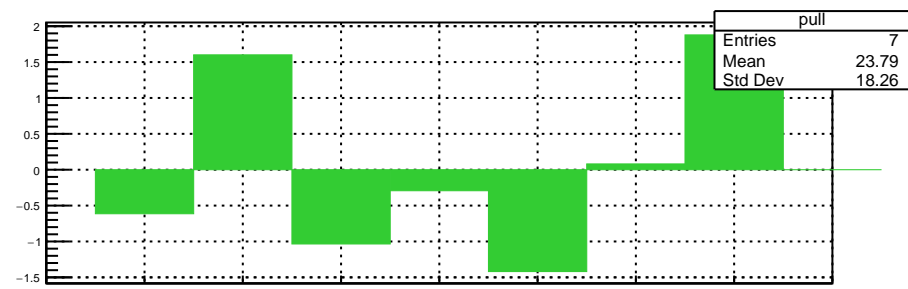
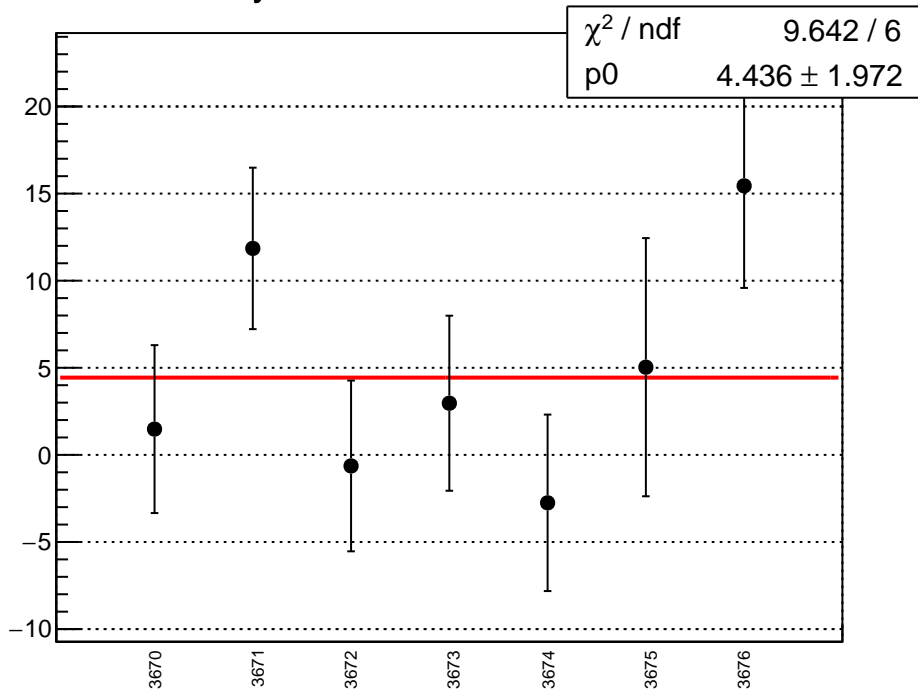
asym_cav4cQ_mean vs run



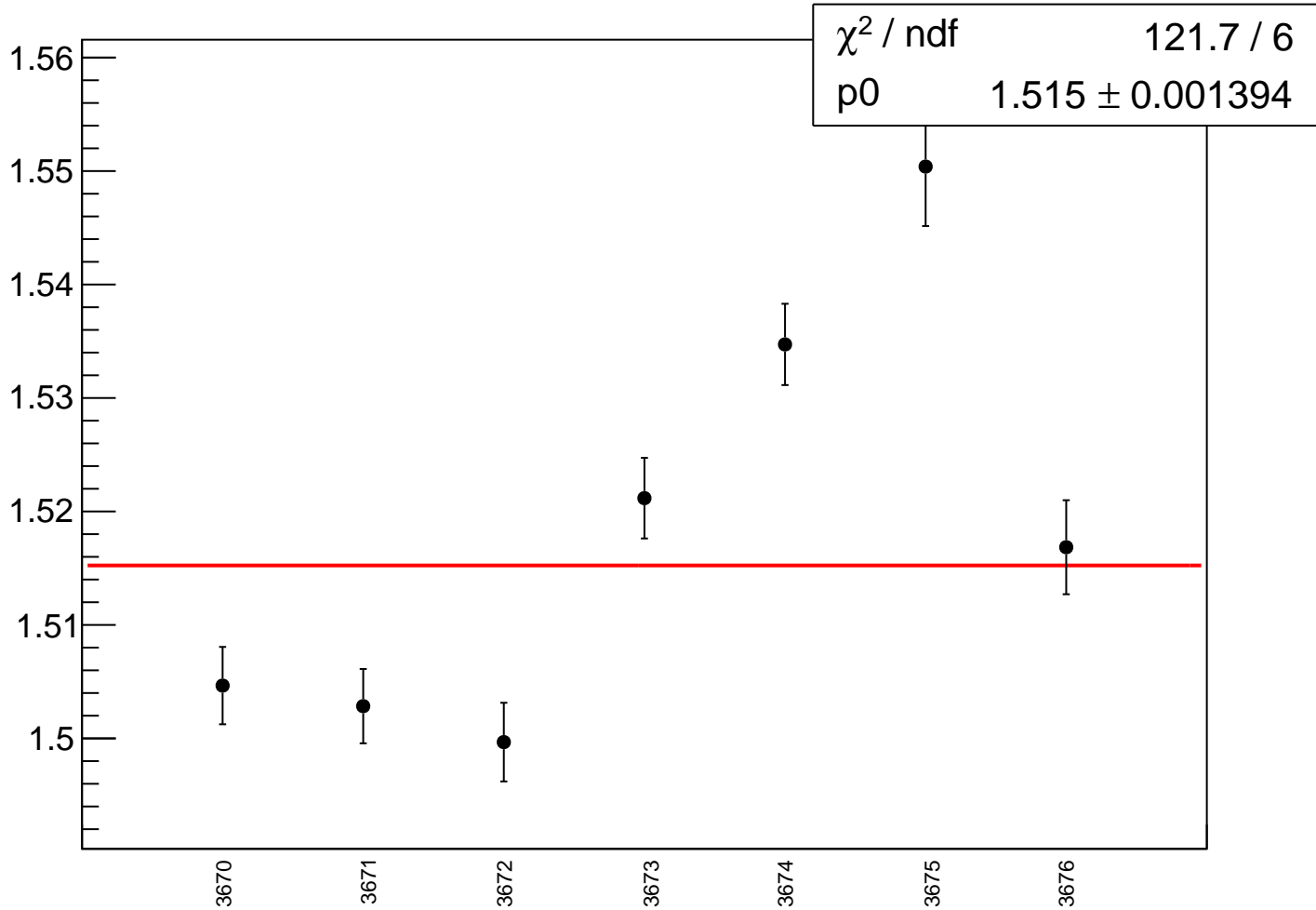
asym_cav4cQ_rms vs run



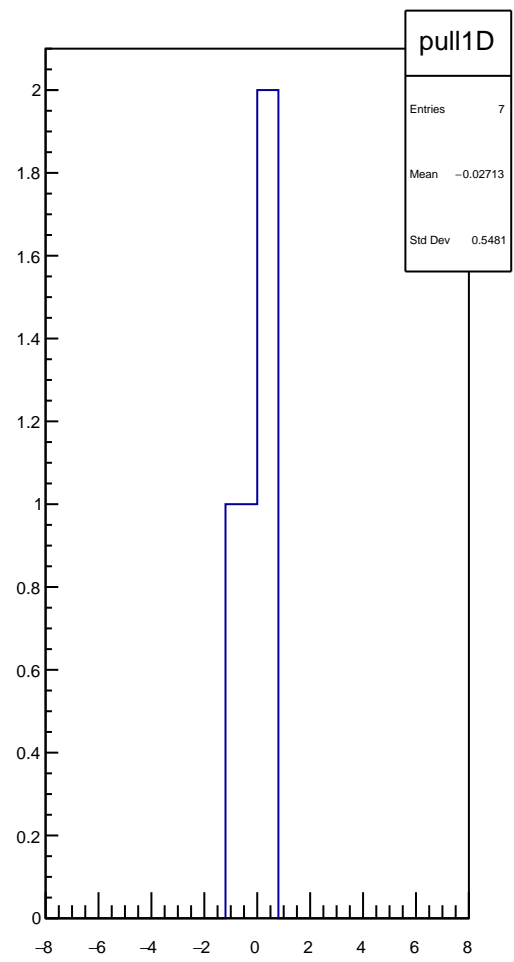
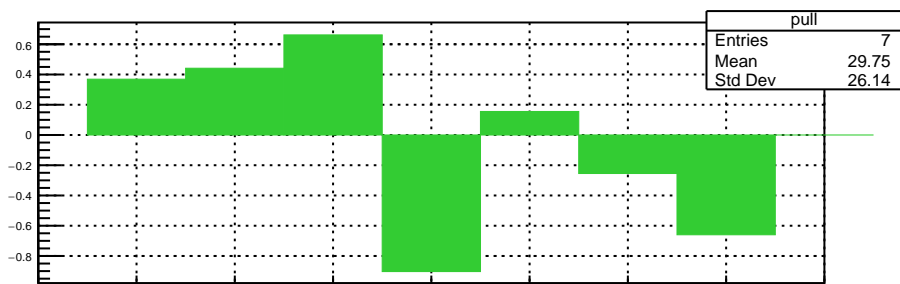
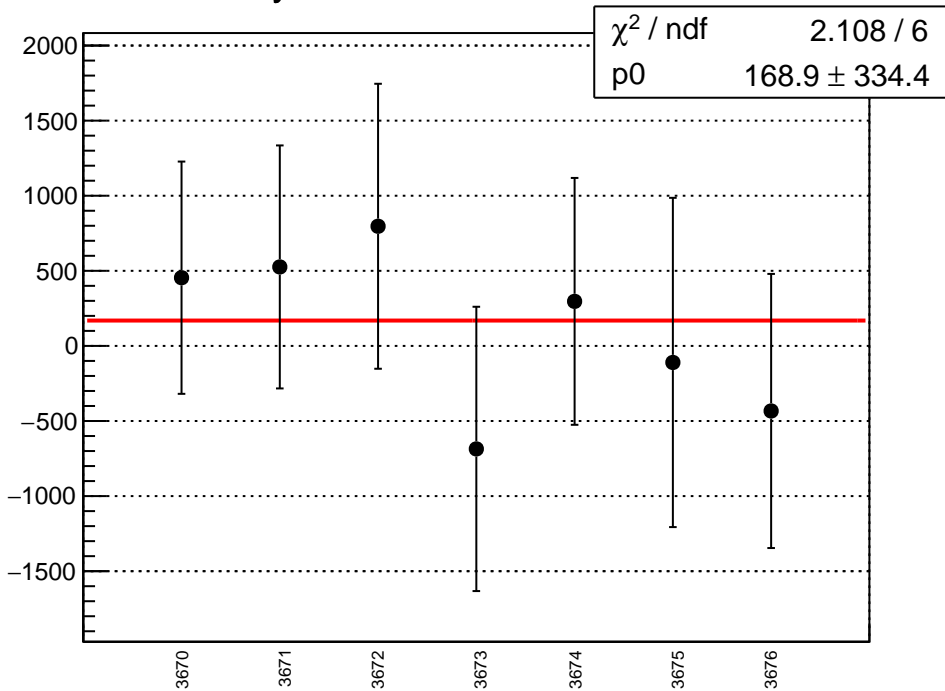
asym_cav4dQ_mean vs run



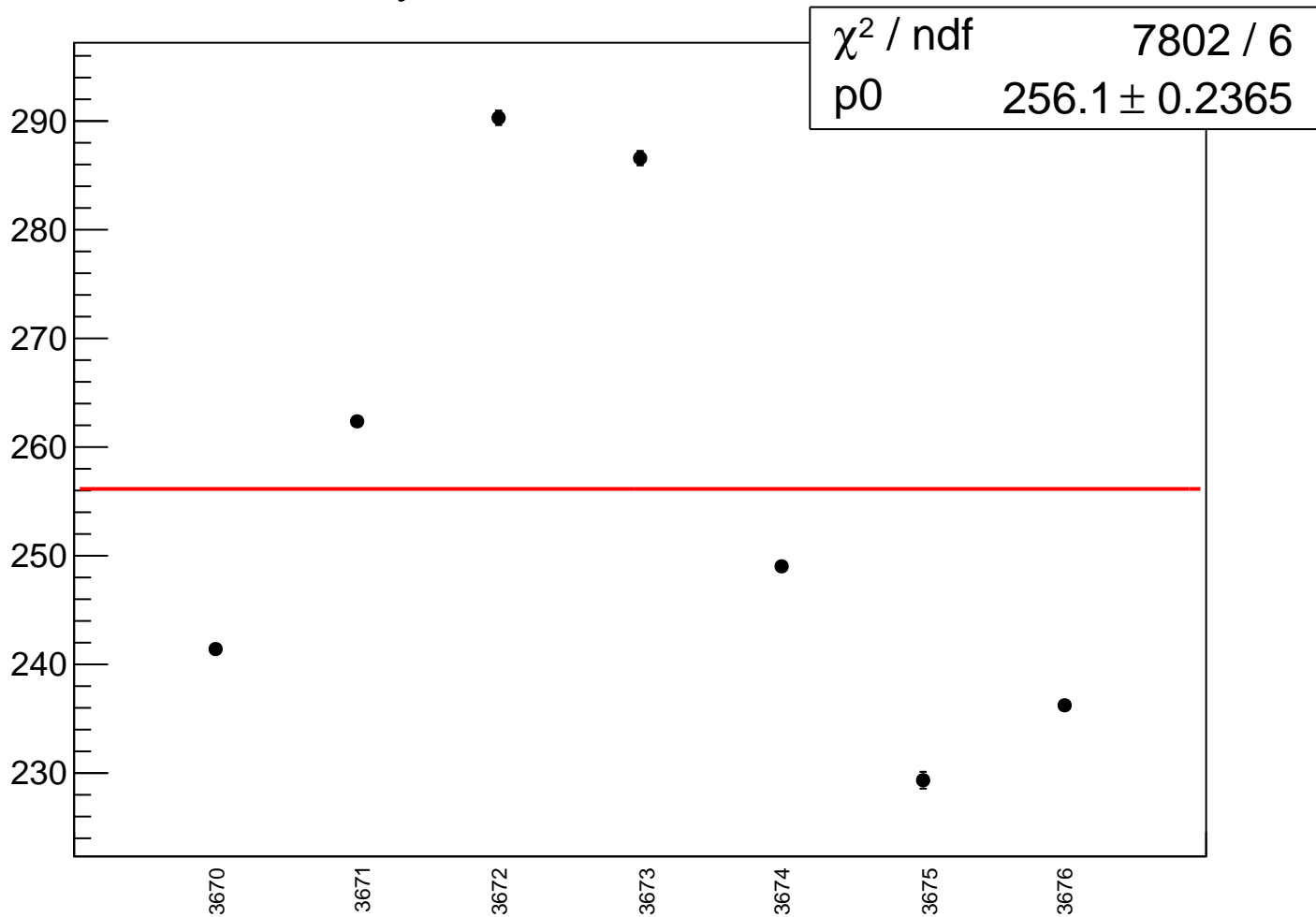
asym_cav4dQ_rms vs run



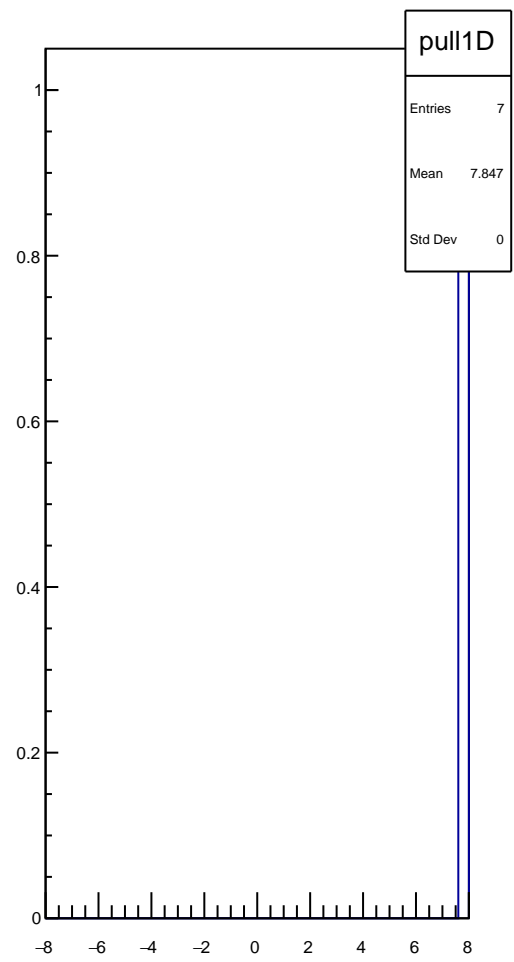
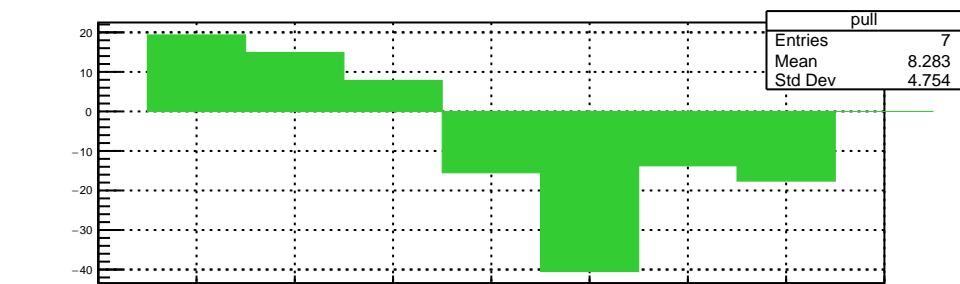
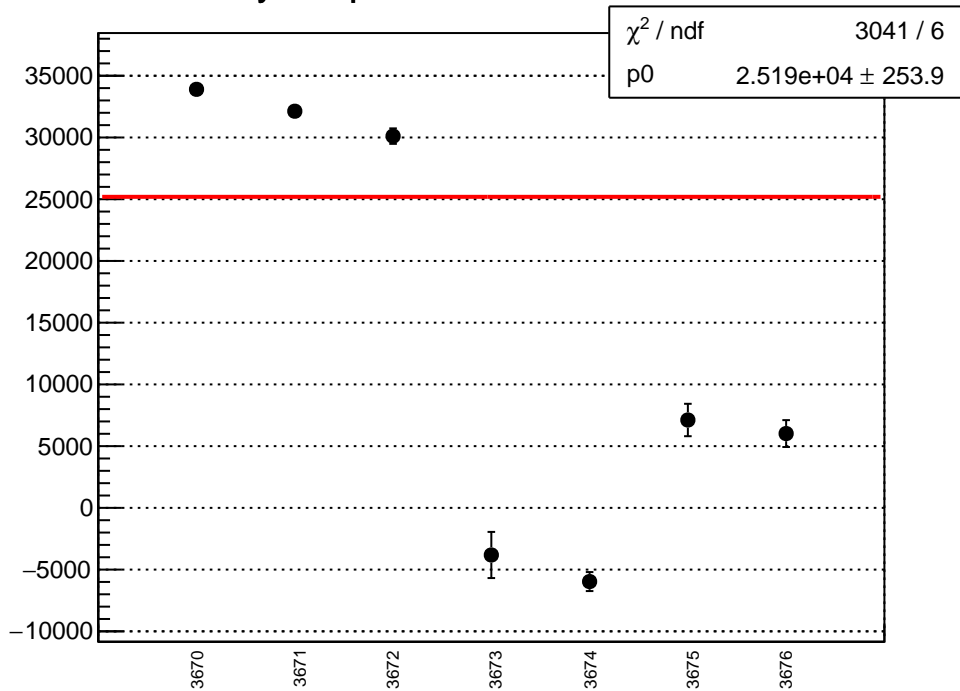
asym_bcm0l02_mean vs run



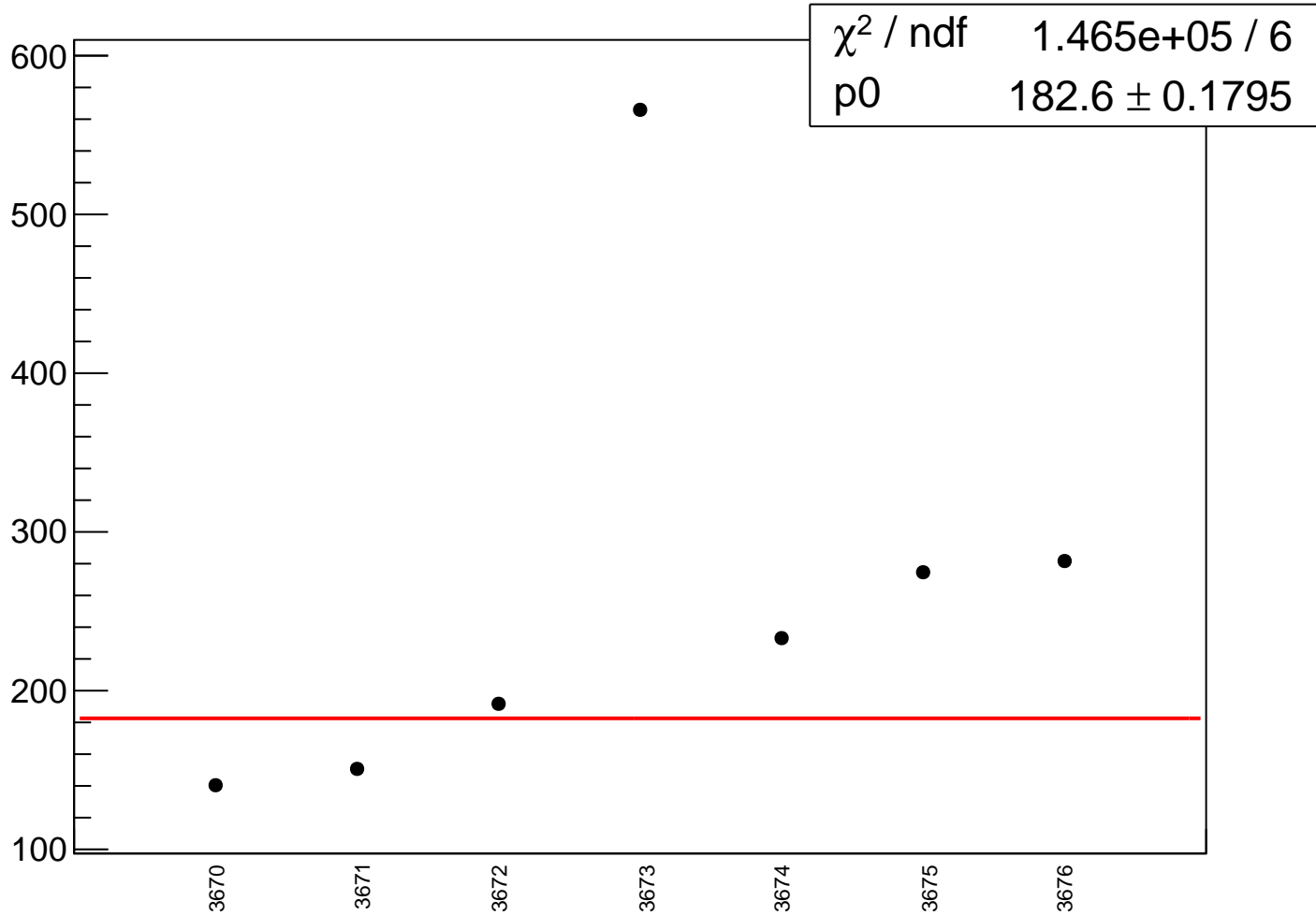
asym_bcm0l02_rms vs run



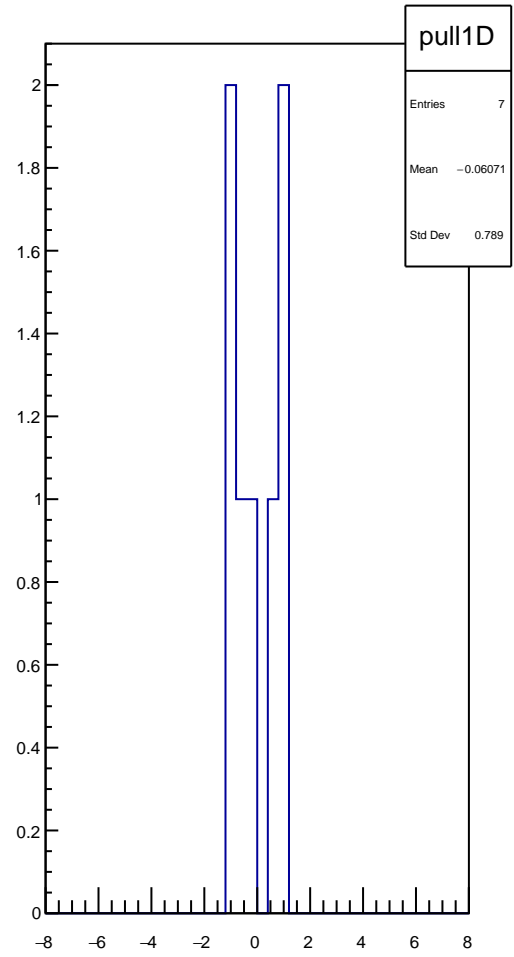
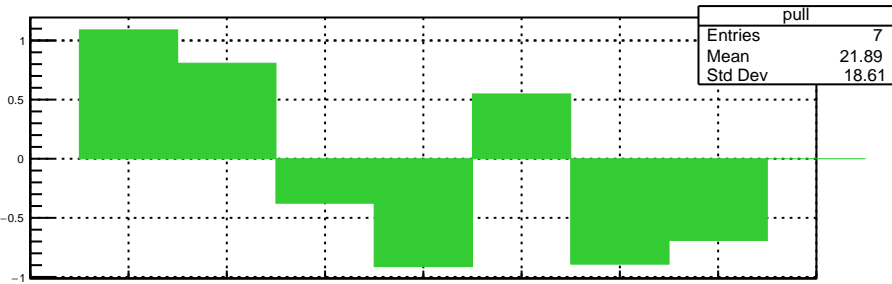
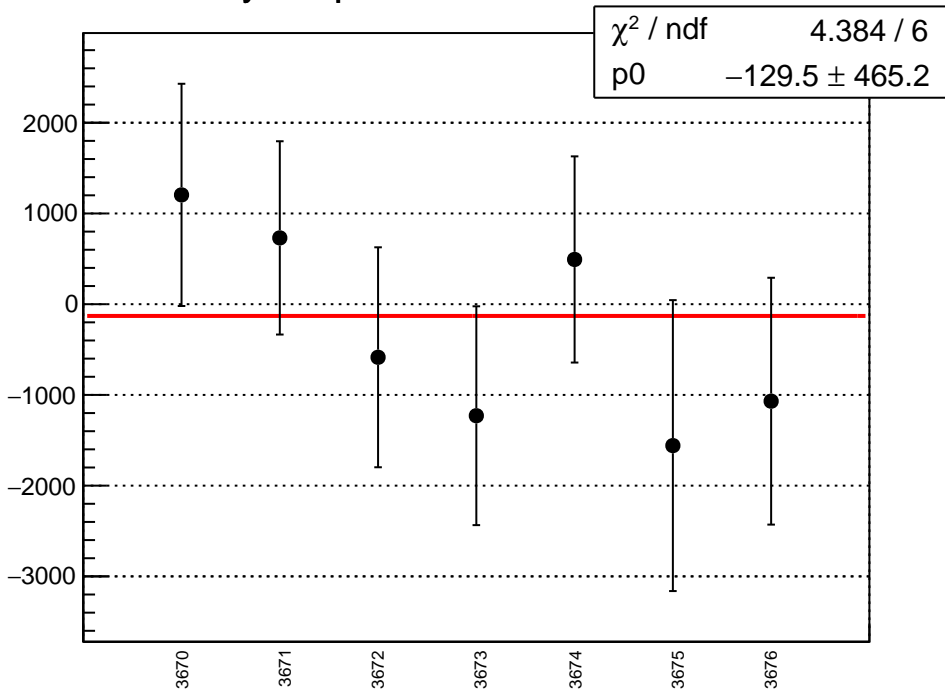
asym_bpm2i01WS_mean vs run



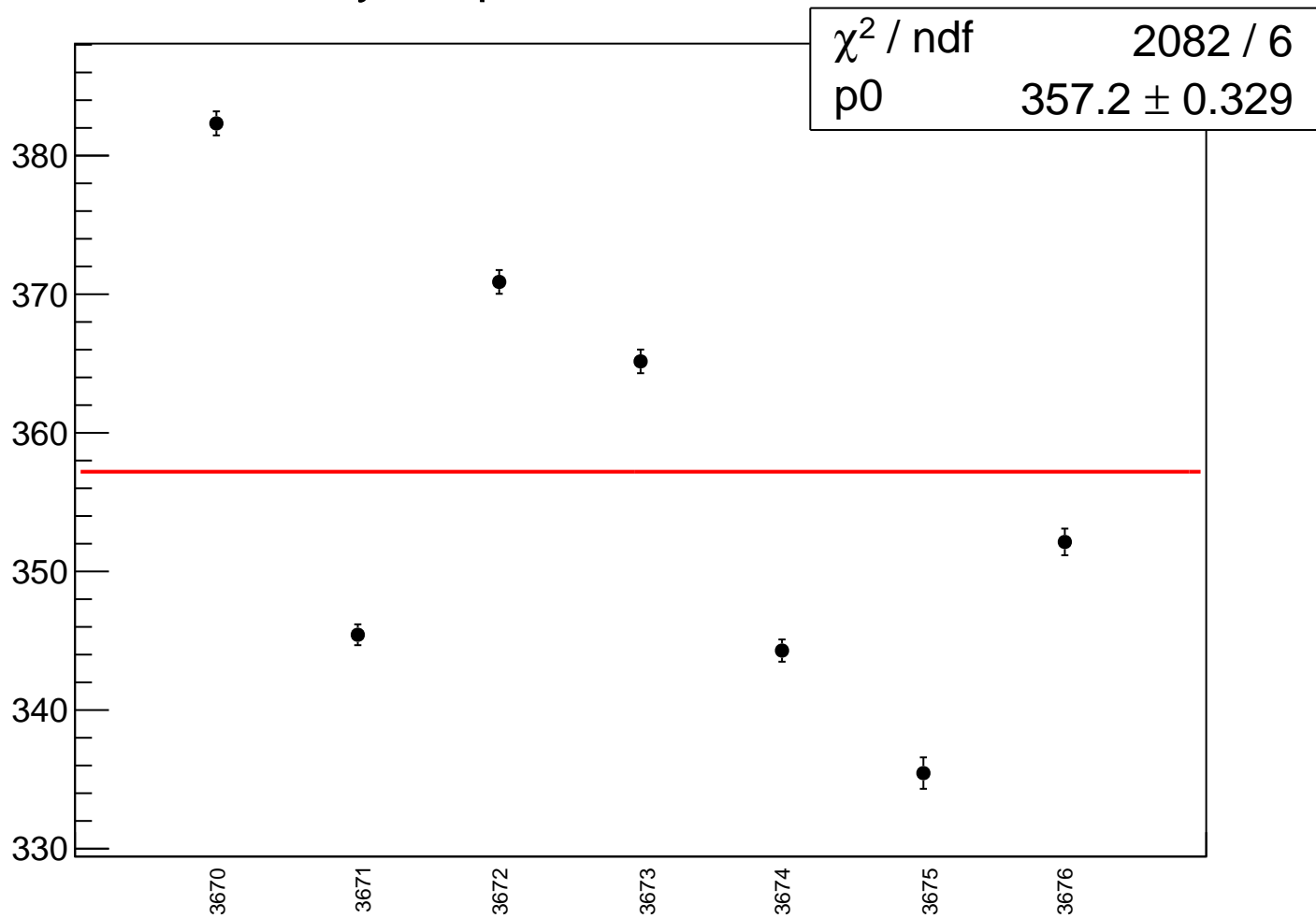
asym_bpm2i01WS_rms vs run



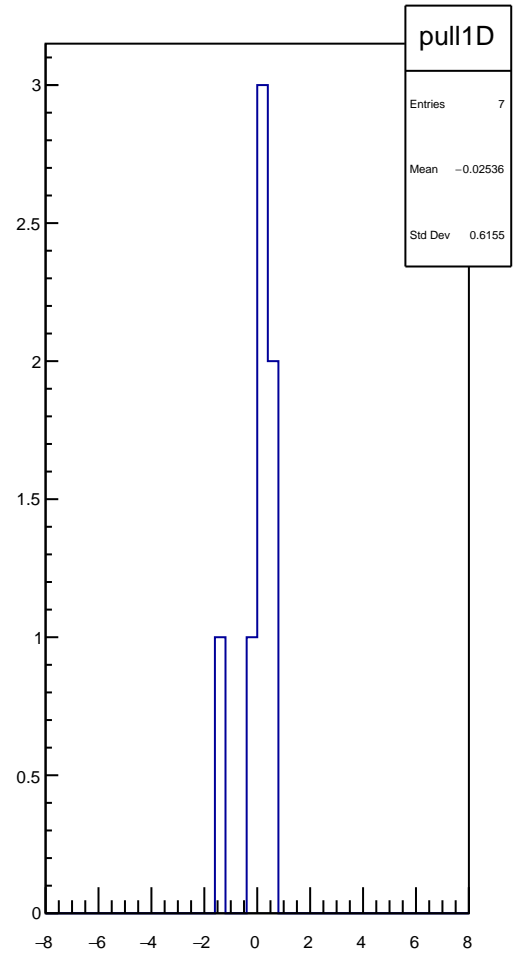
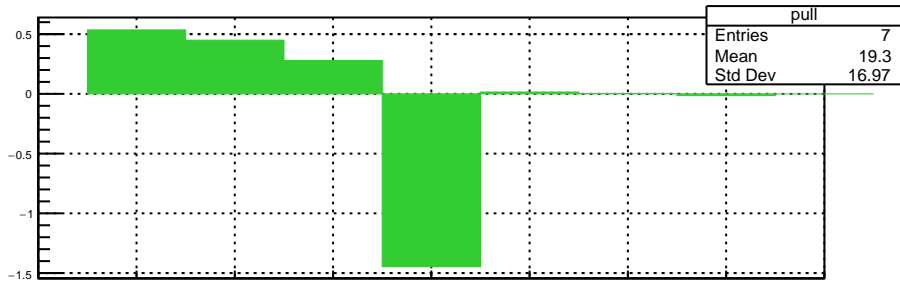
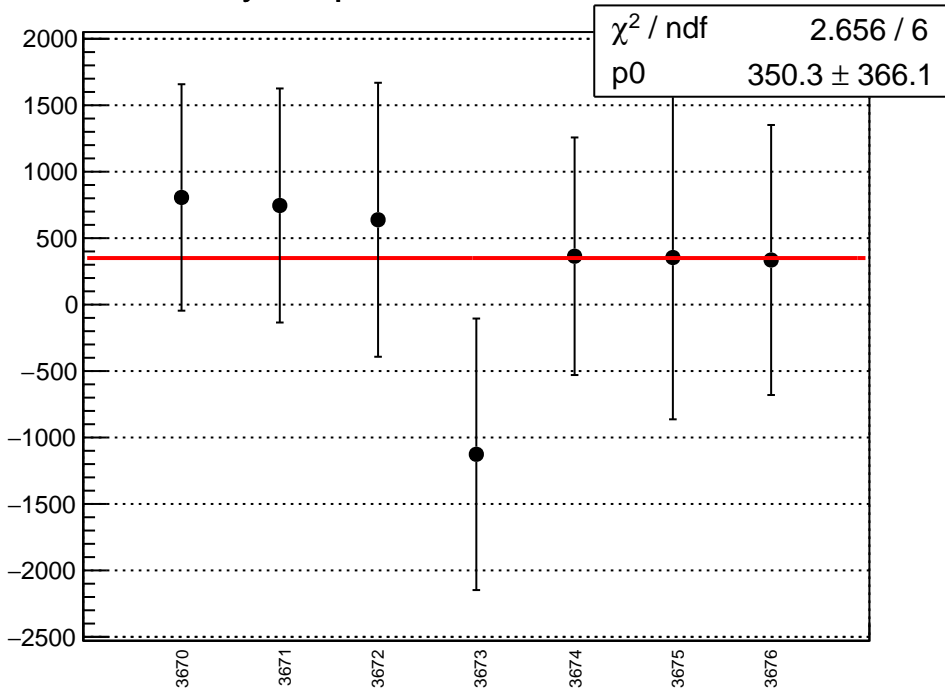
asym_bpm0i07WS_mean vs run



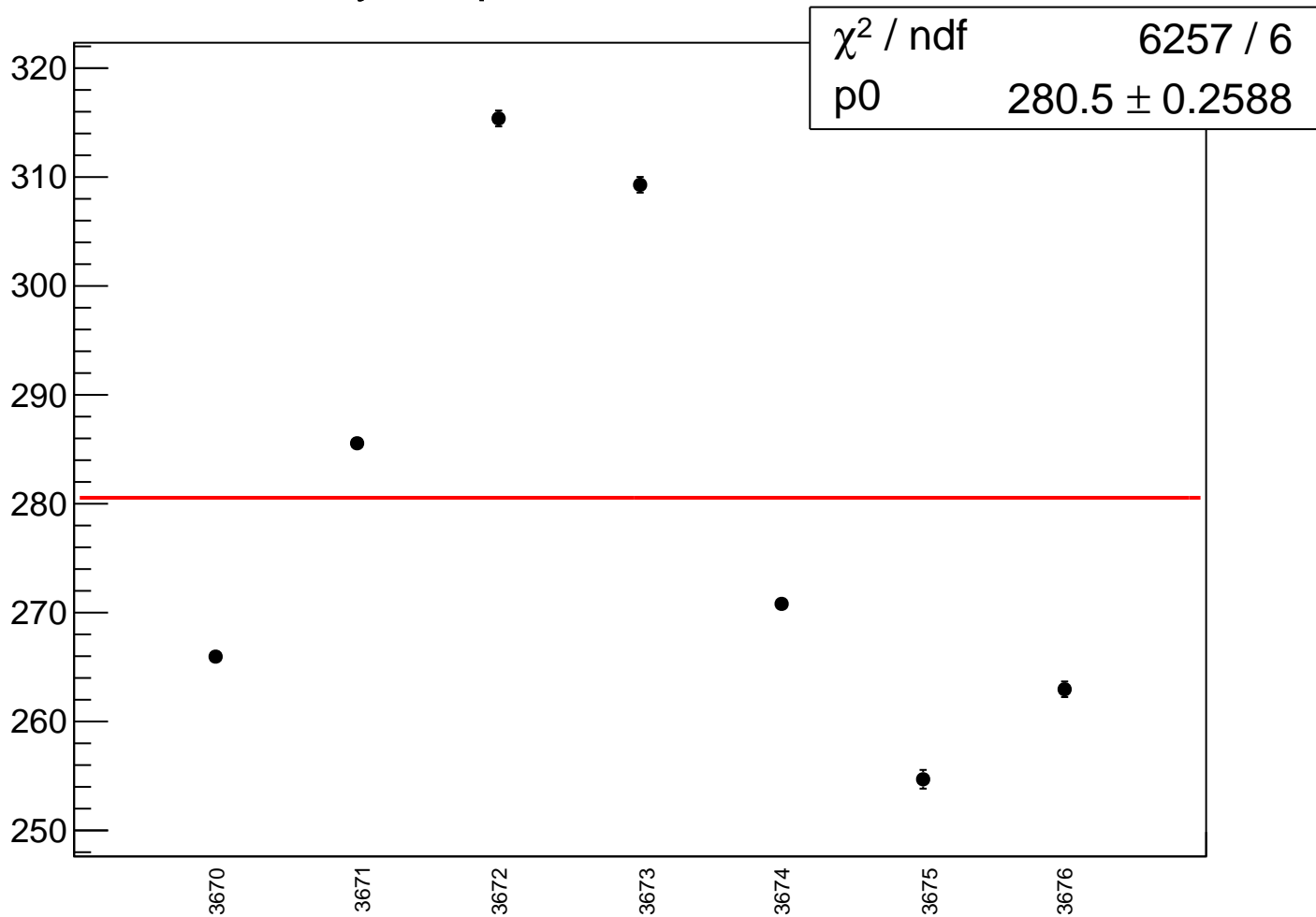
asym_bpm0i07WS_rms vs run



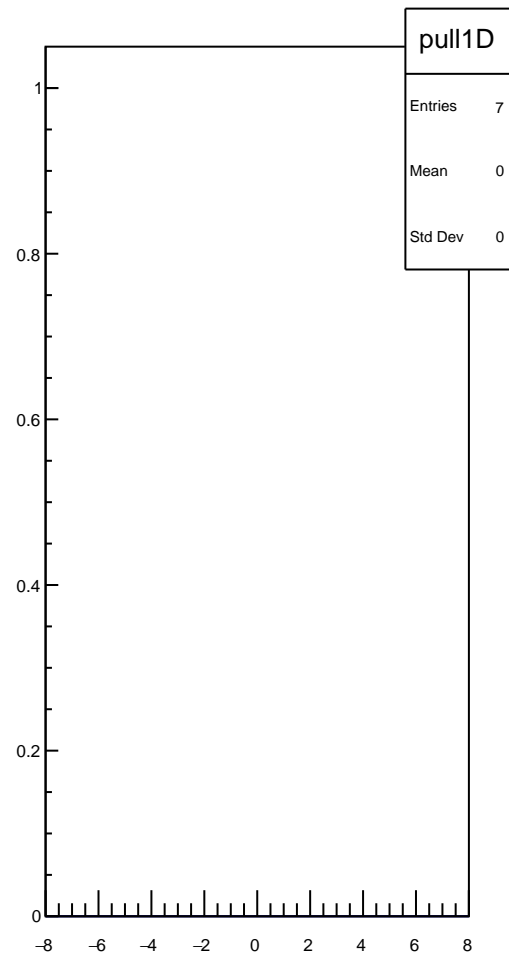
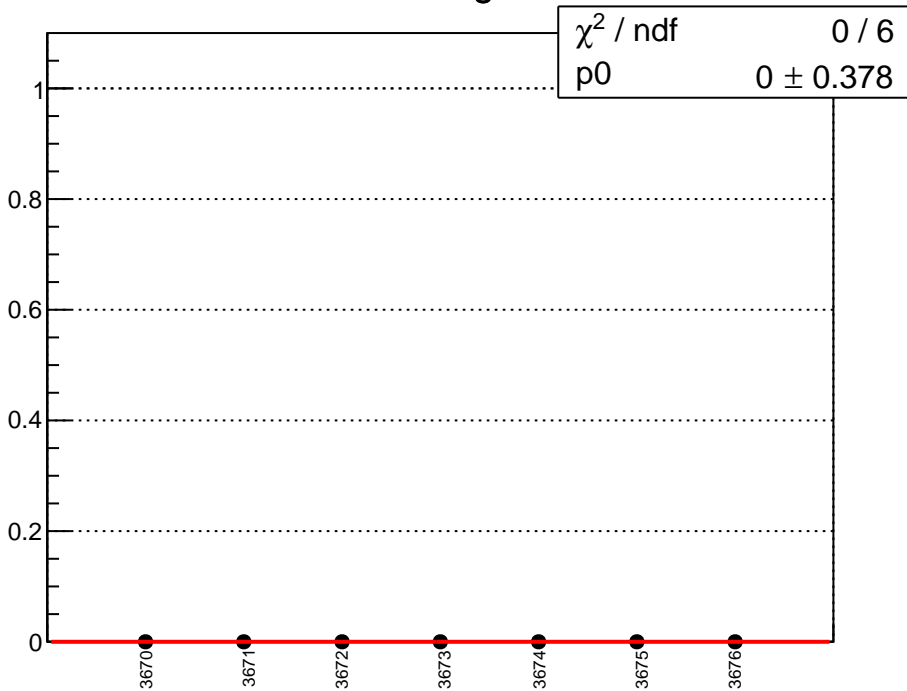
asym_bpm0l01WS_mean vs run



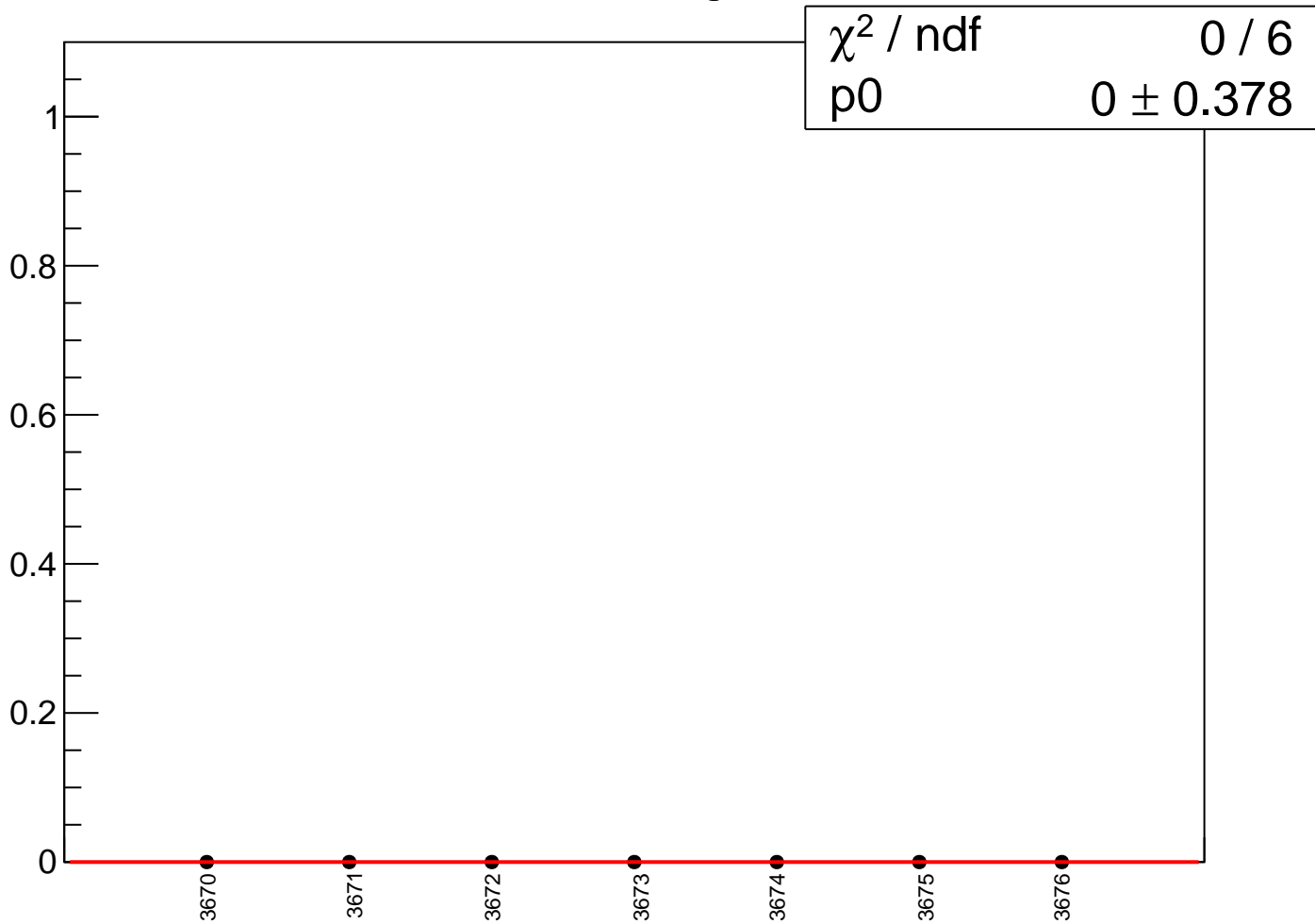
asym_bpm0l01WS_rms vs run



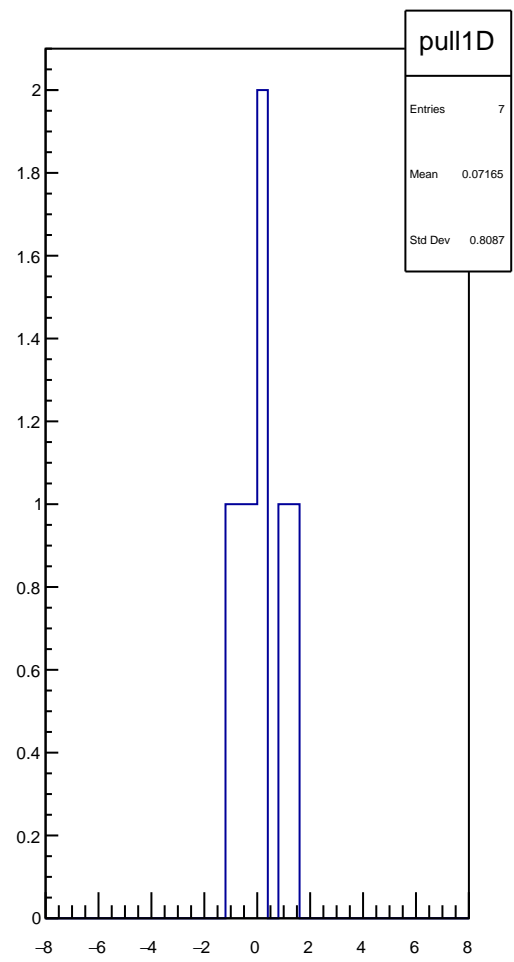
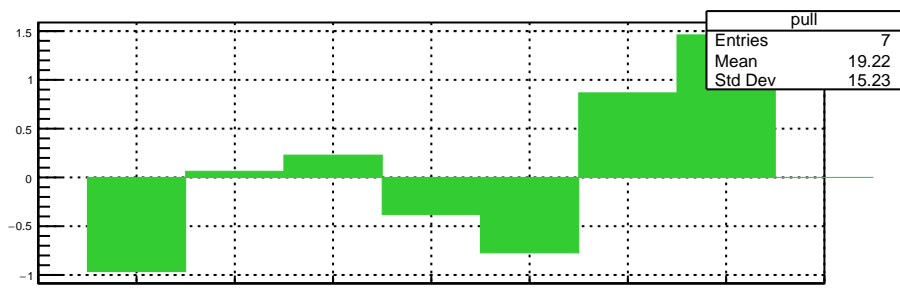
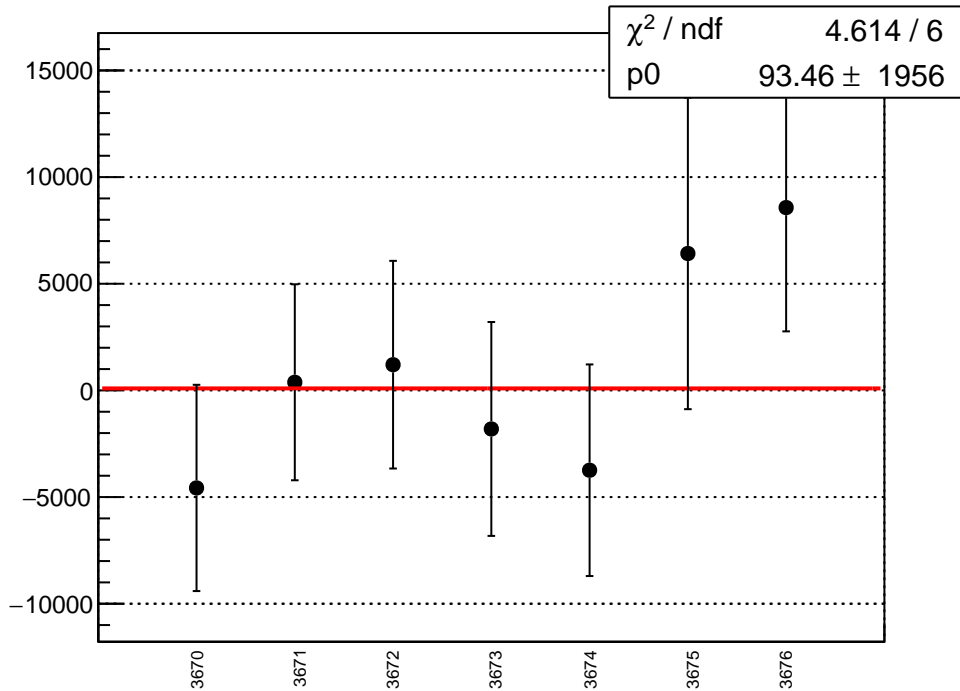
bcm_an_us_ds_avg_mean vs run



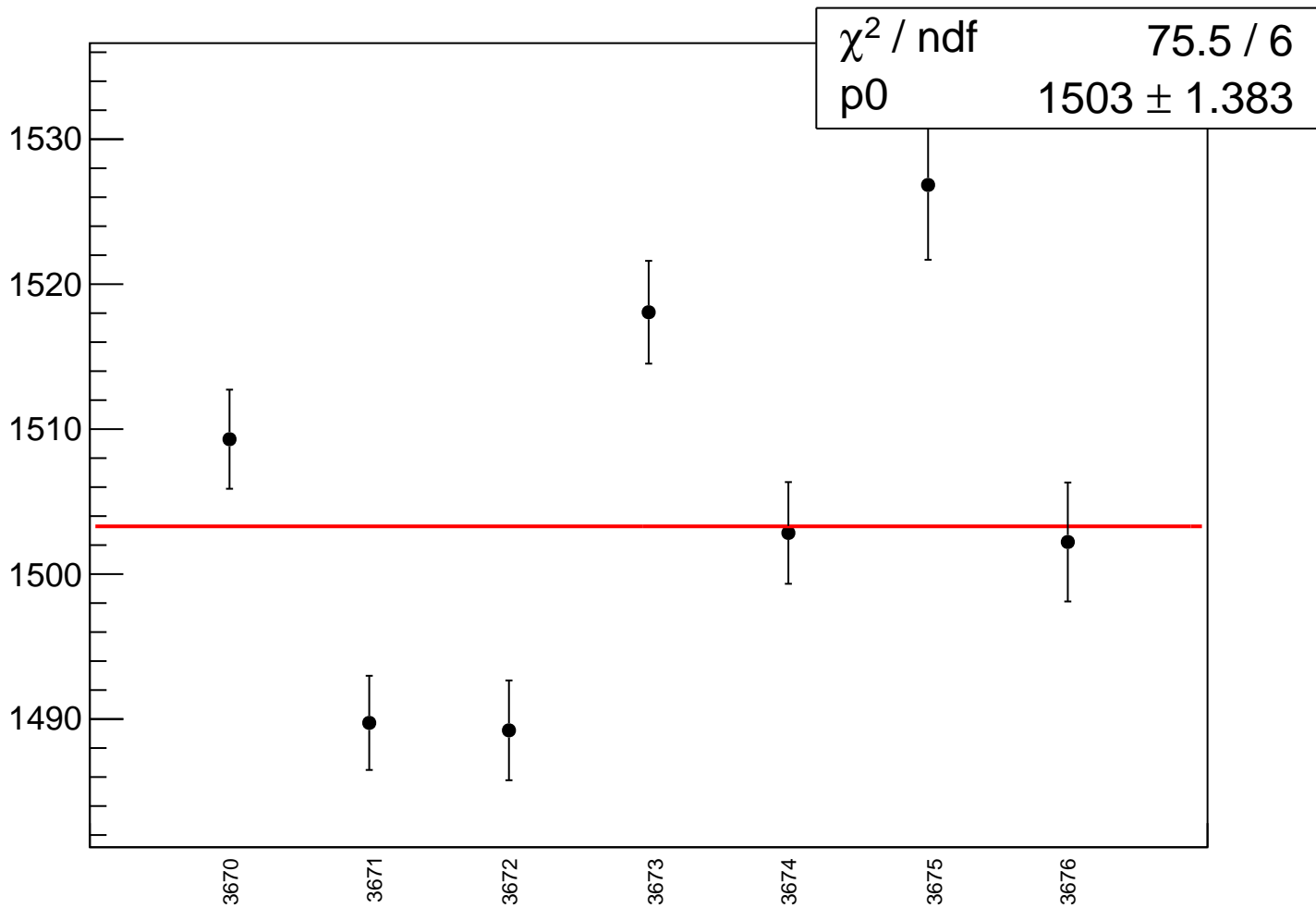
bcm_an_us_ds_avg_rms vs run



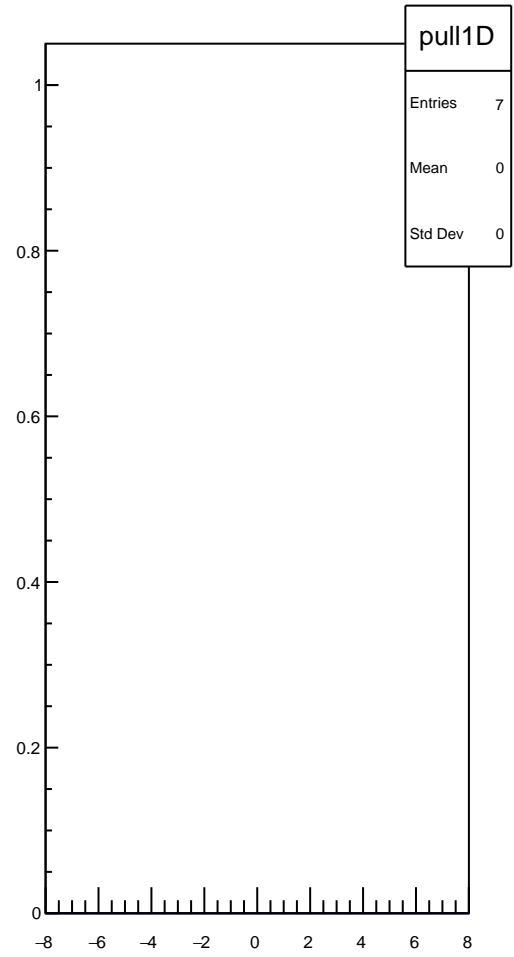
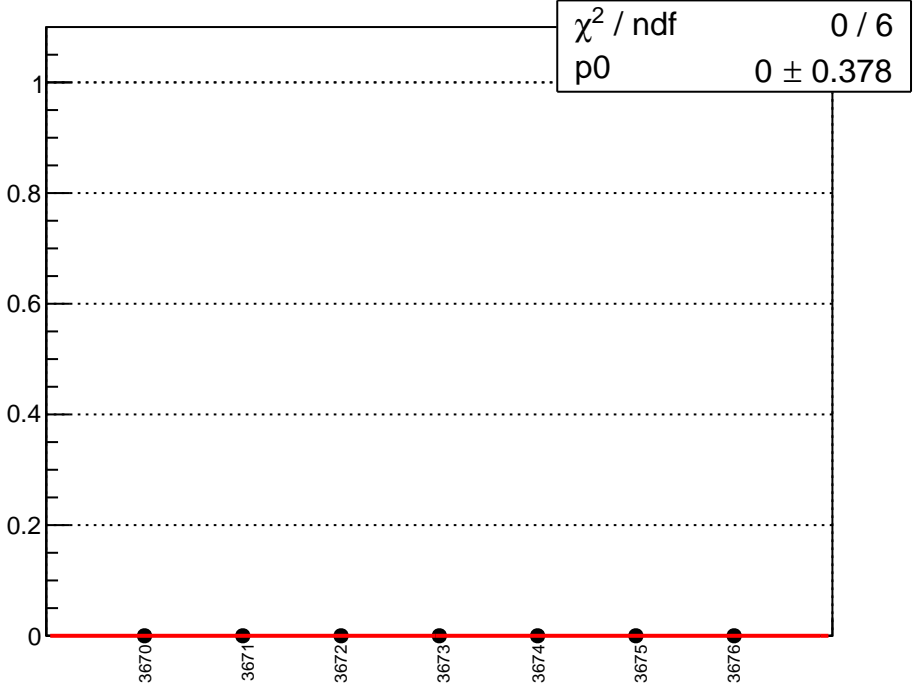
bcm_an_us_ds_dd_mean vs run



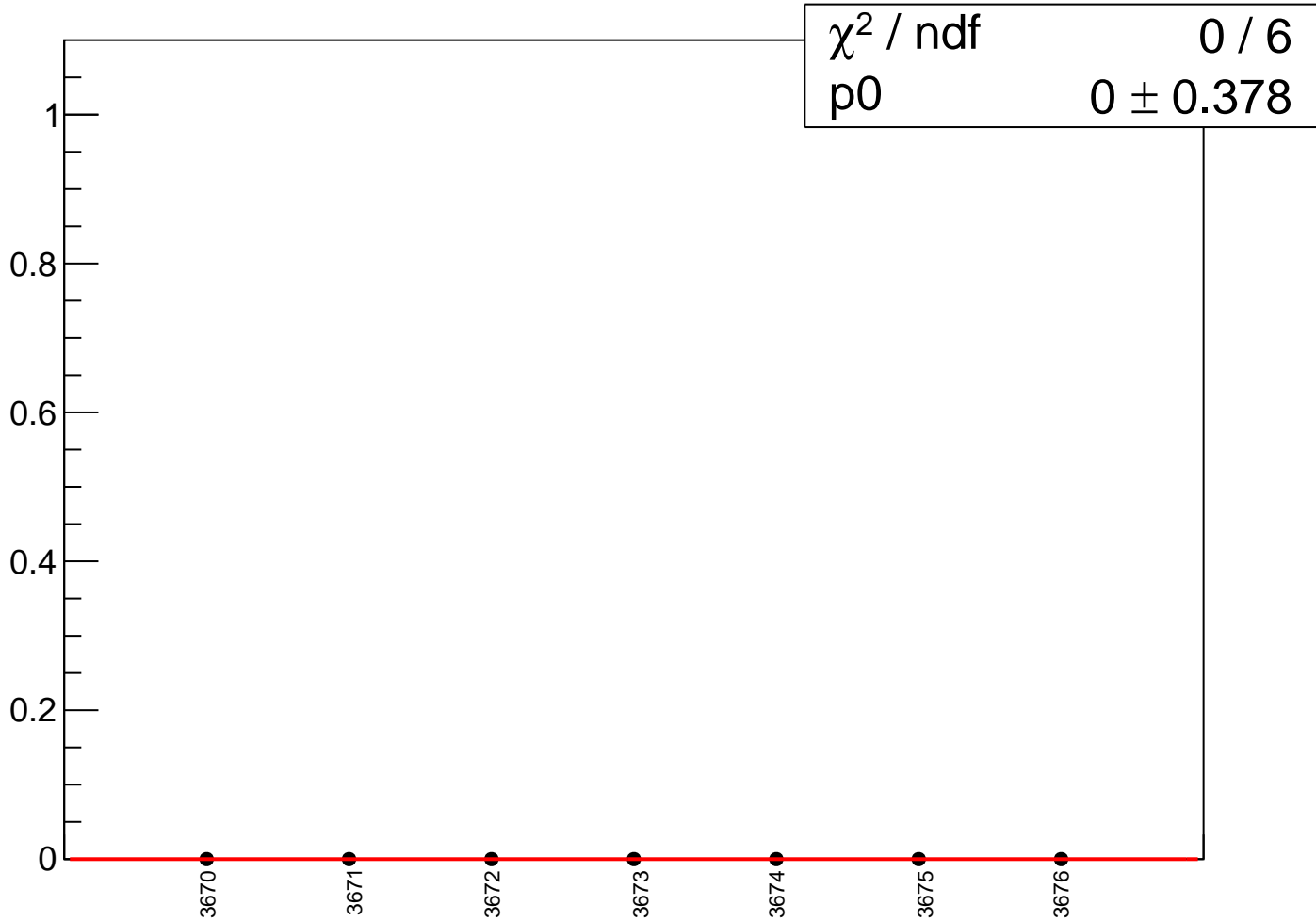
bcm_an_us_ds_dd_rms vs run



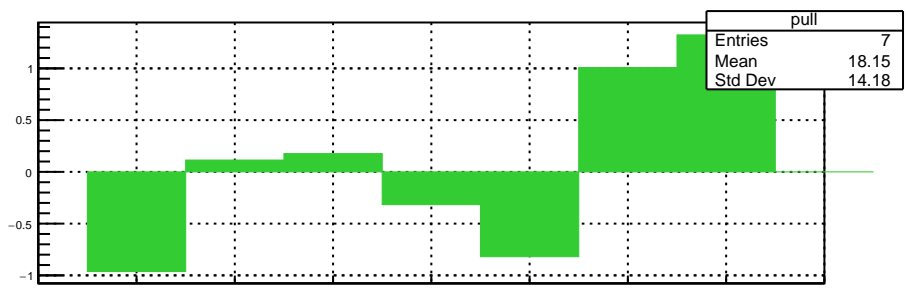
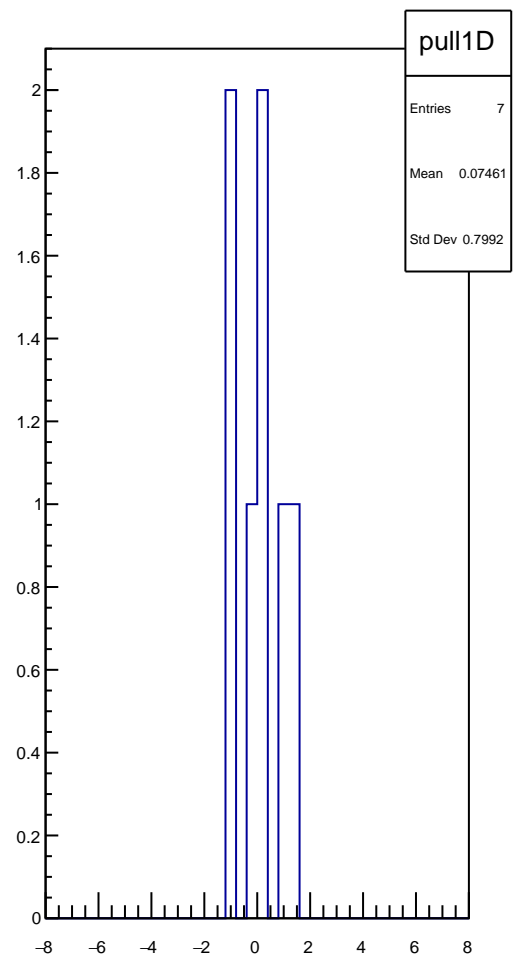
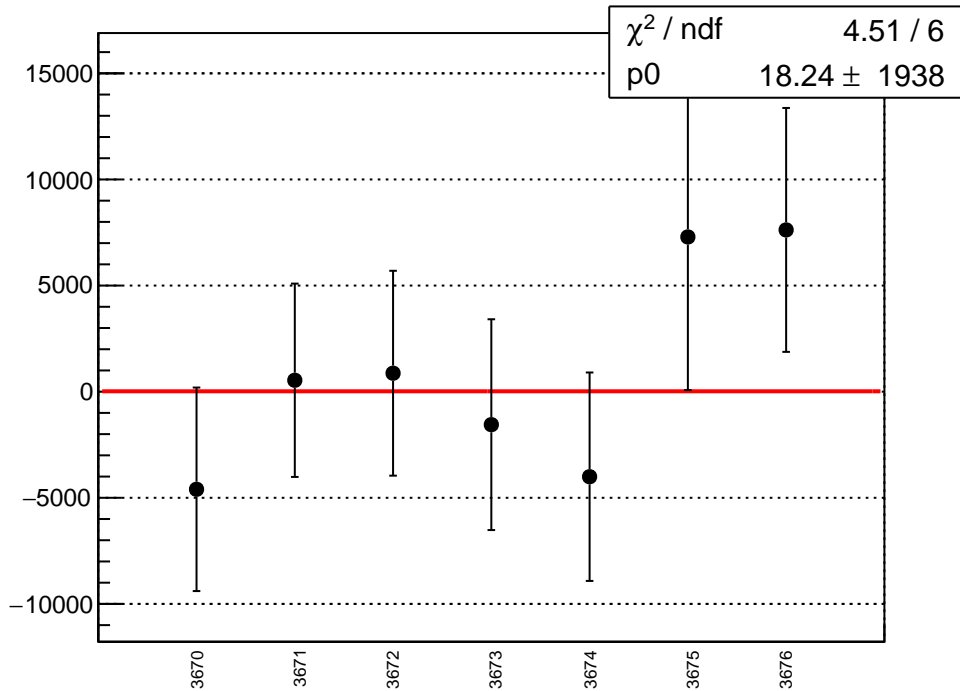
bcm_an_us_ds3_avg_mean vs run



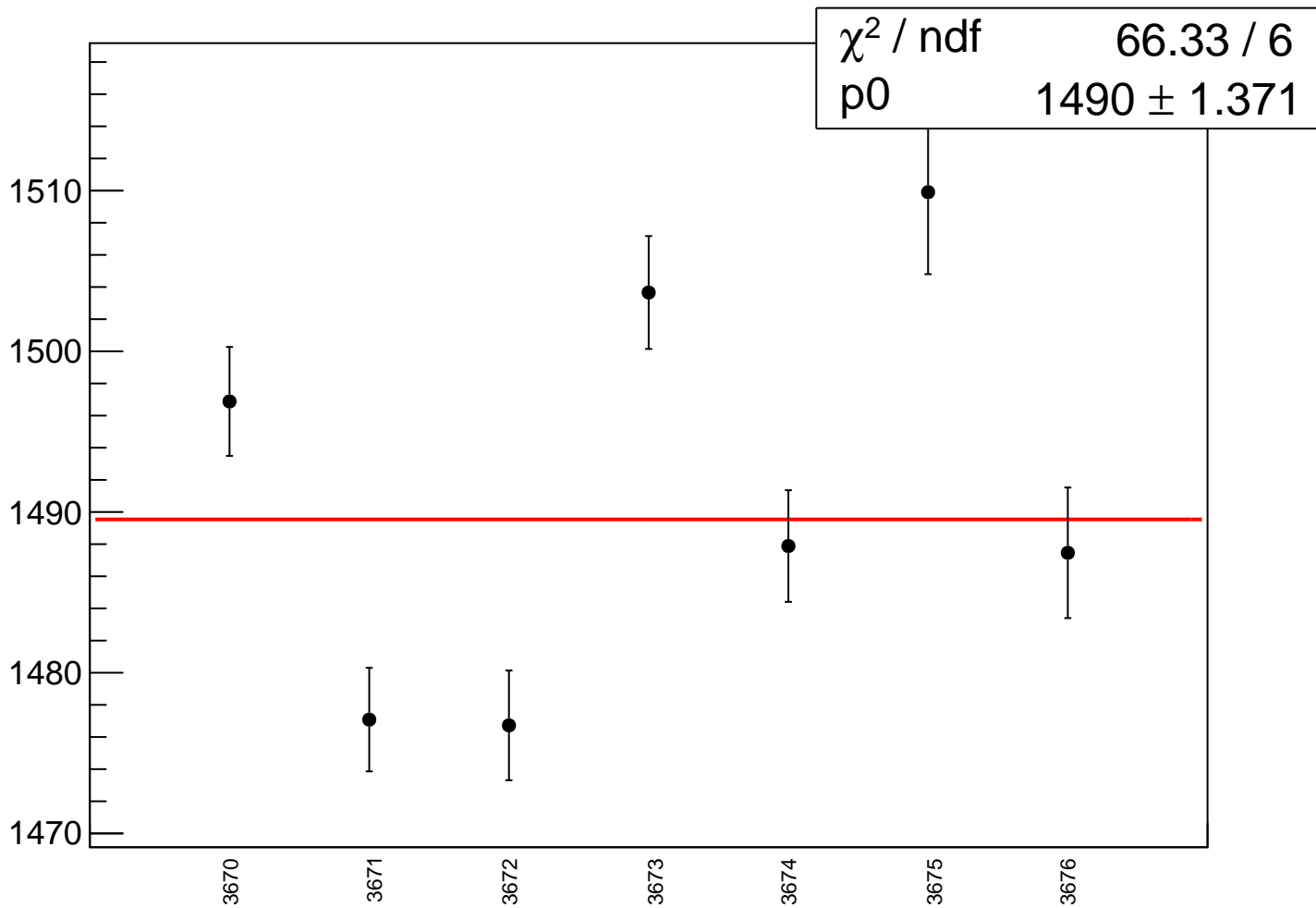
bcm_an_us_ds3_avg_rms vs run



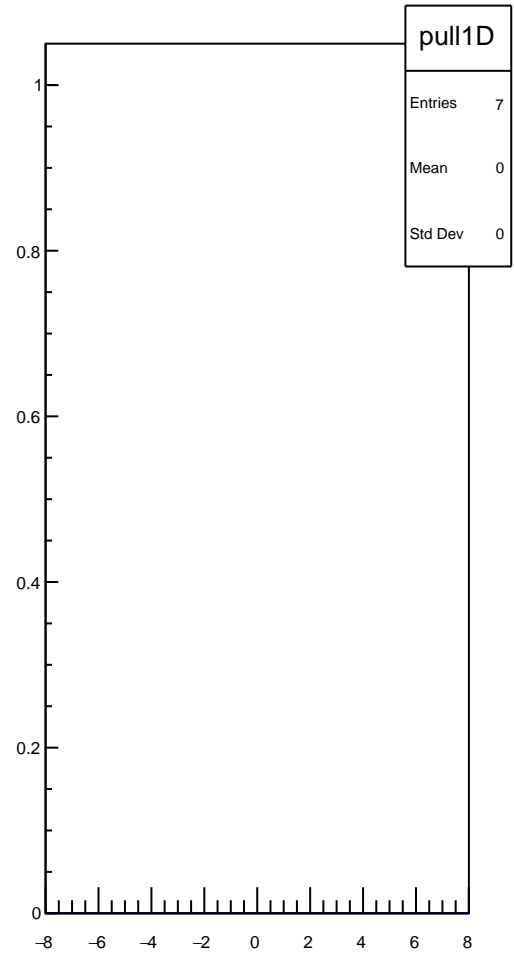
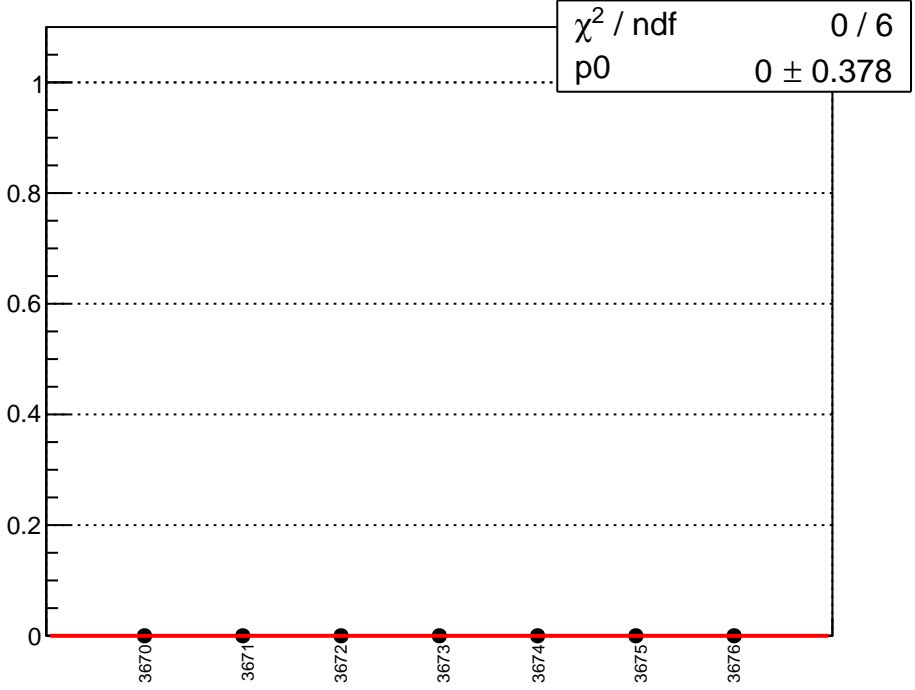
bcm_an_us_ds3_dd_mean vs run



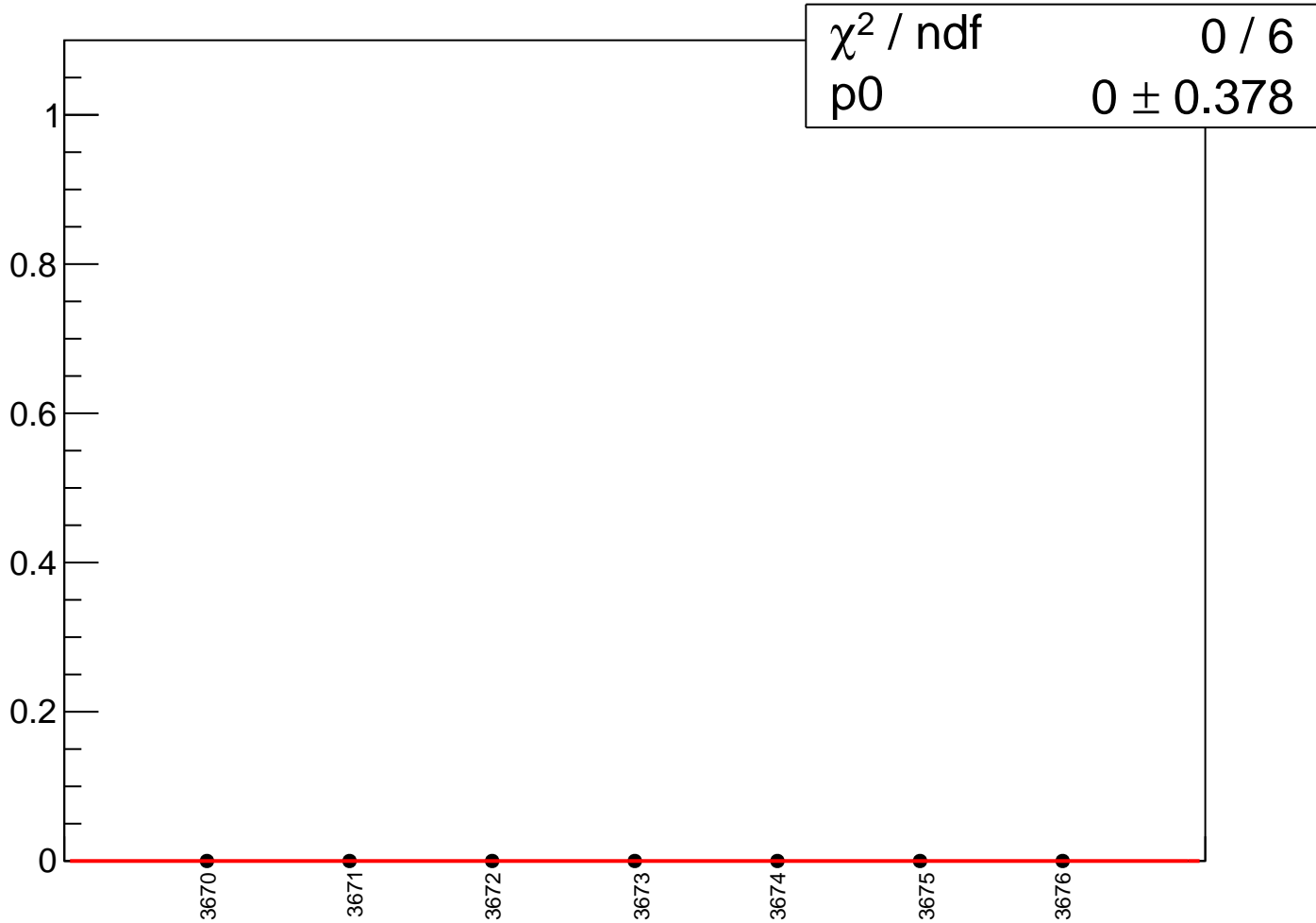
bcm_an_us_ds3_dd_rms vs run



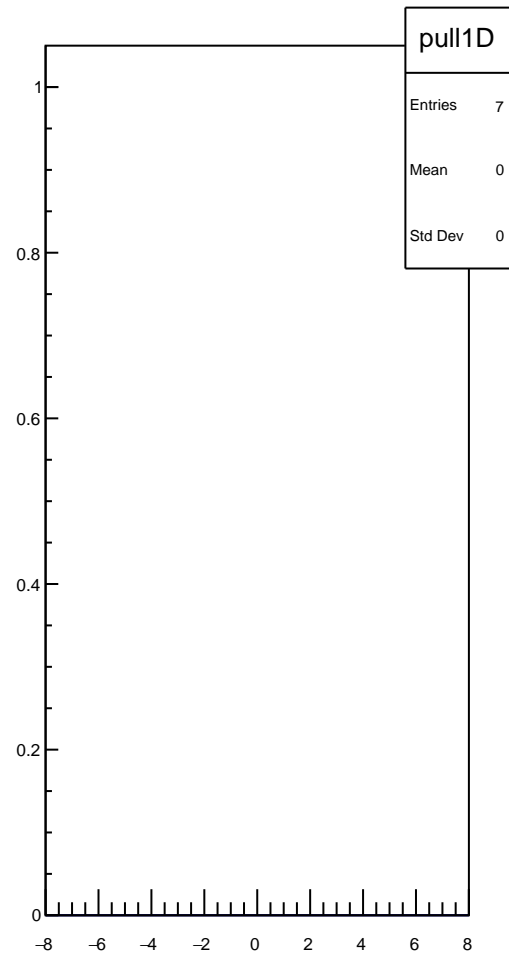
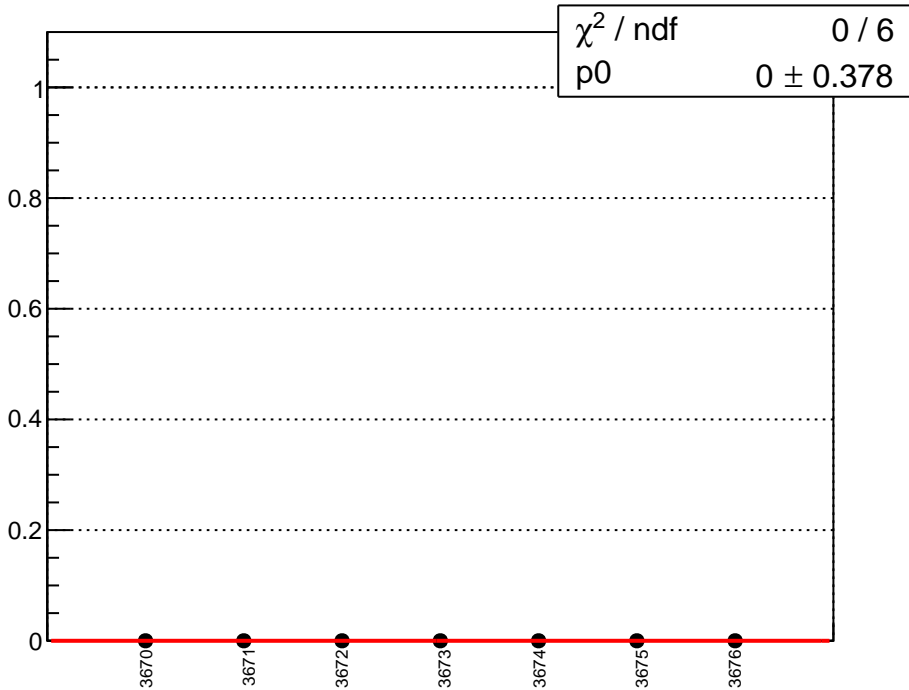
bcm_an_ds_ds3_avg_mean vs run



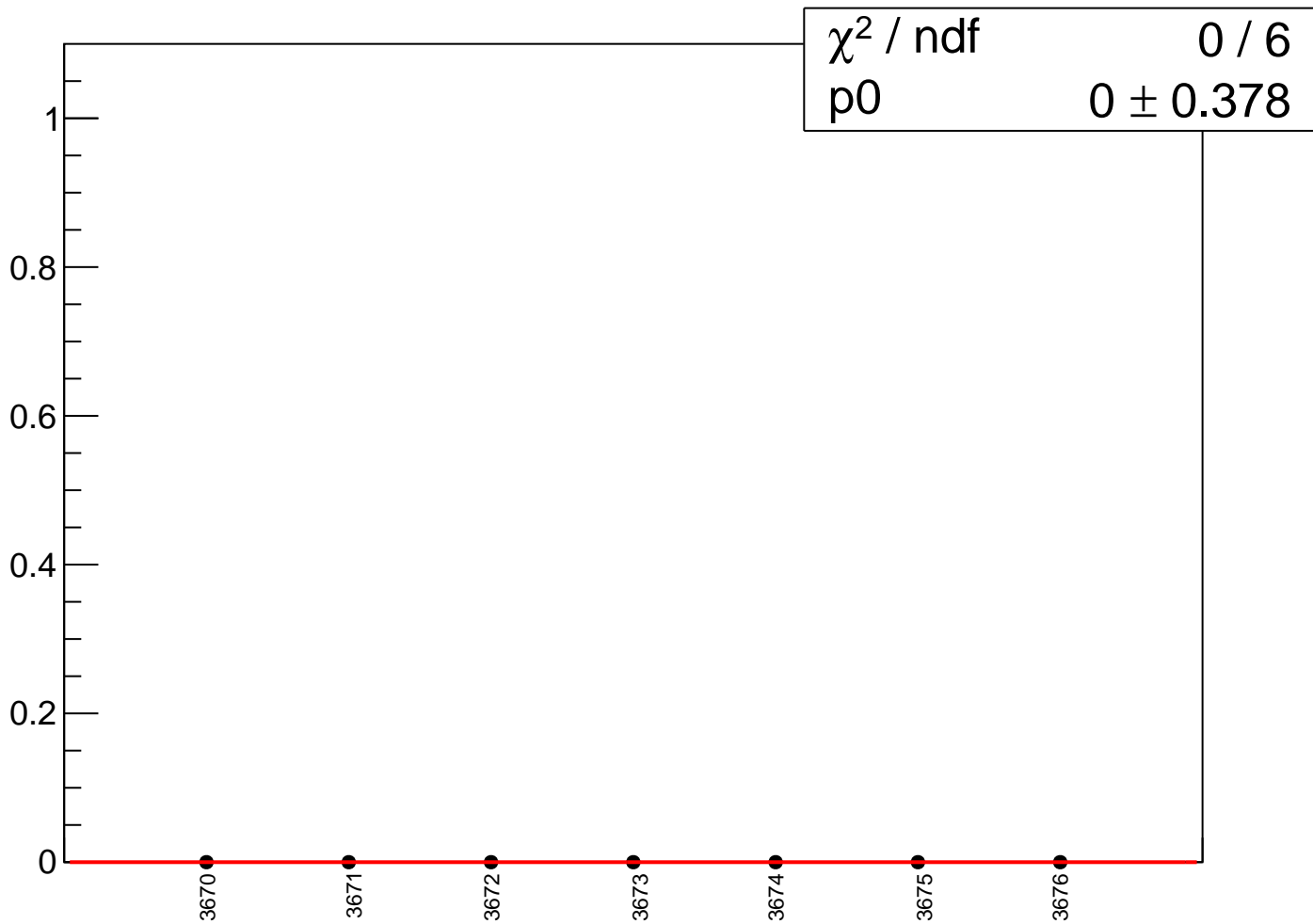
bcm_an_ds_ds3_avg_rms vs run



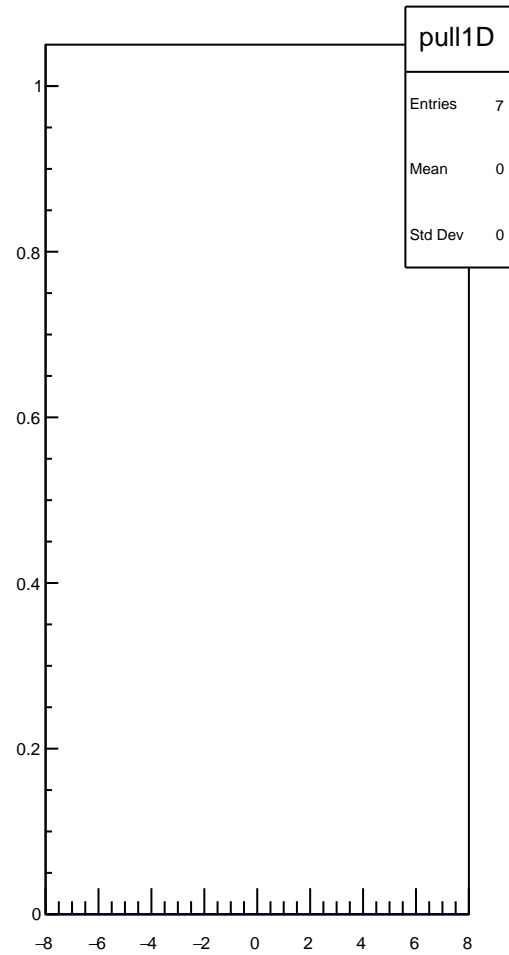
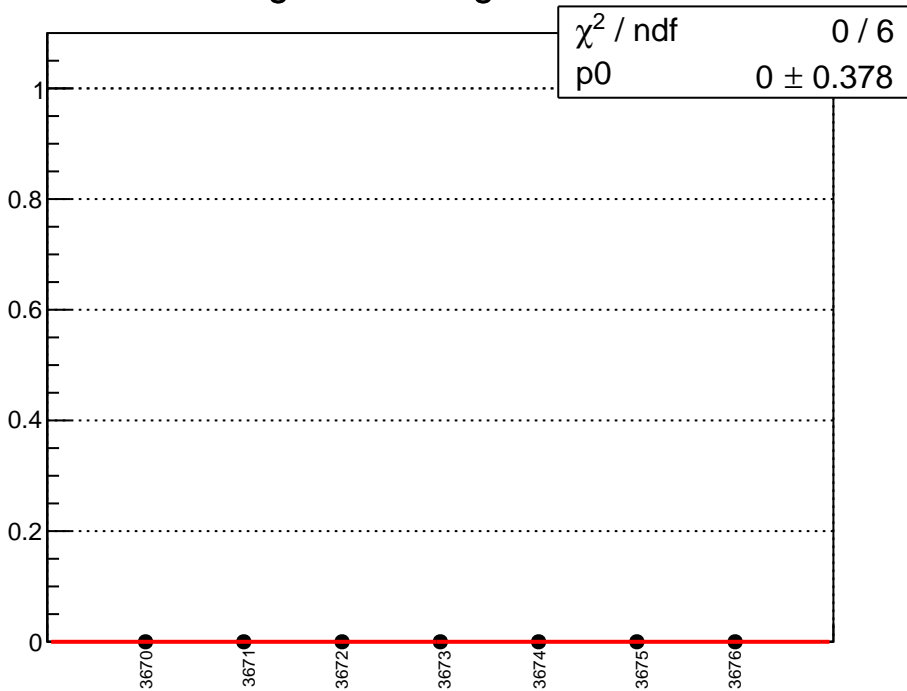
bcm_an_ds_ds3_dd_mean vs run



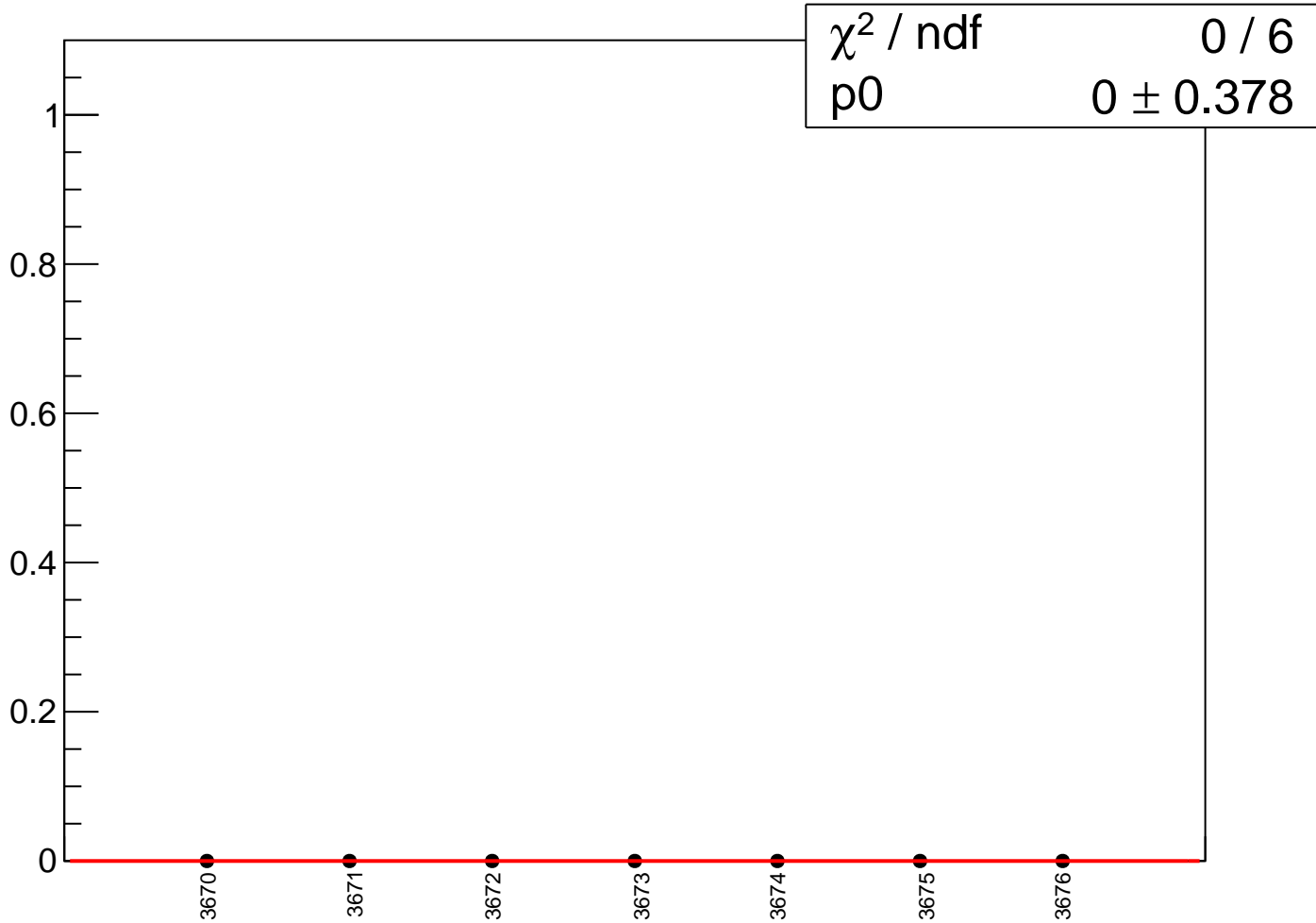
bcm_an_ds_ds3_dd_rms vs run



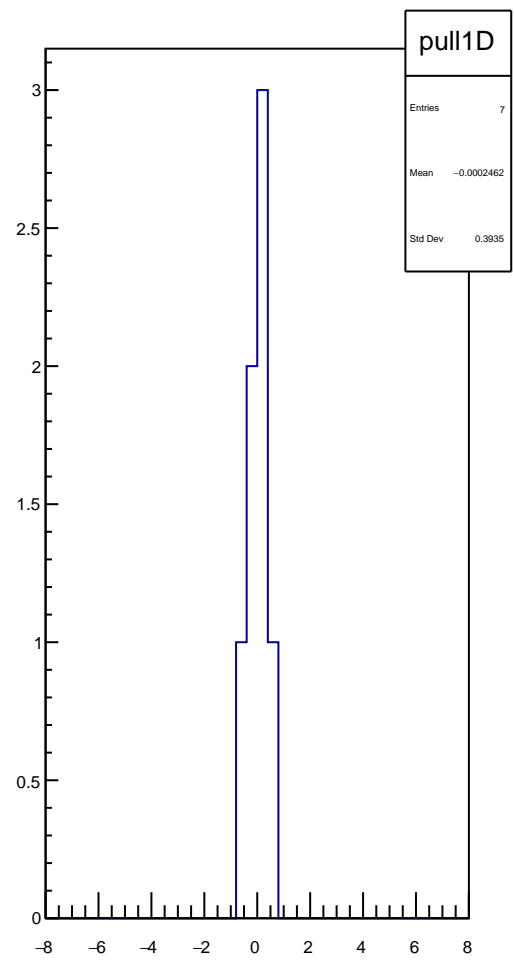
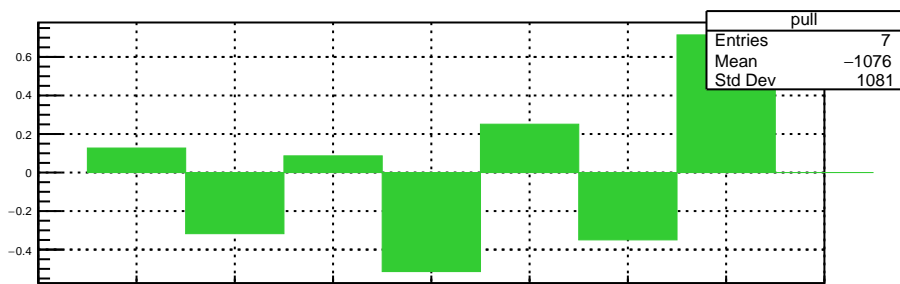
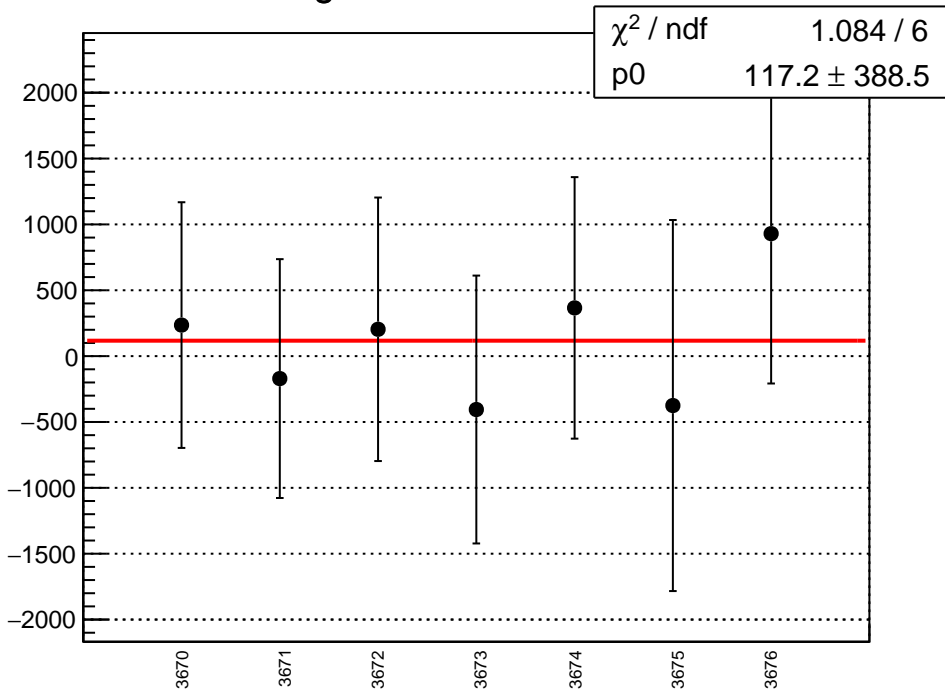
bcm_dg_us_ds_avg_mean vs run



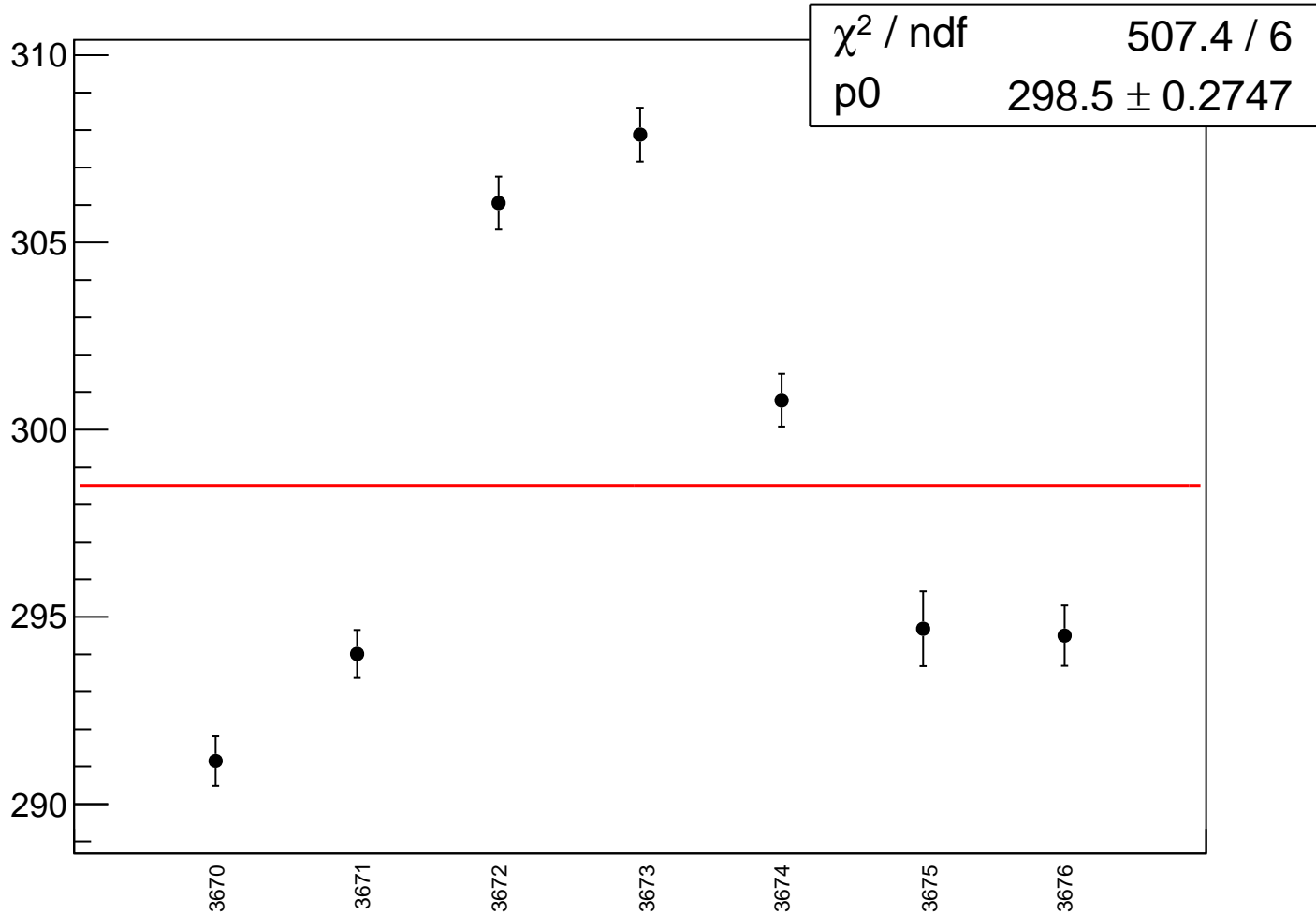
bcm_dg_us_ds_avg_rms vs run



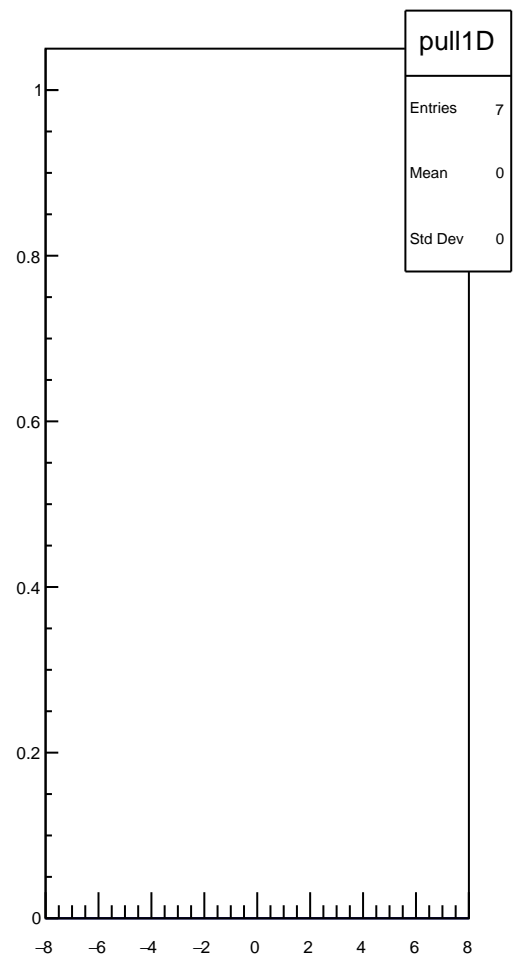
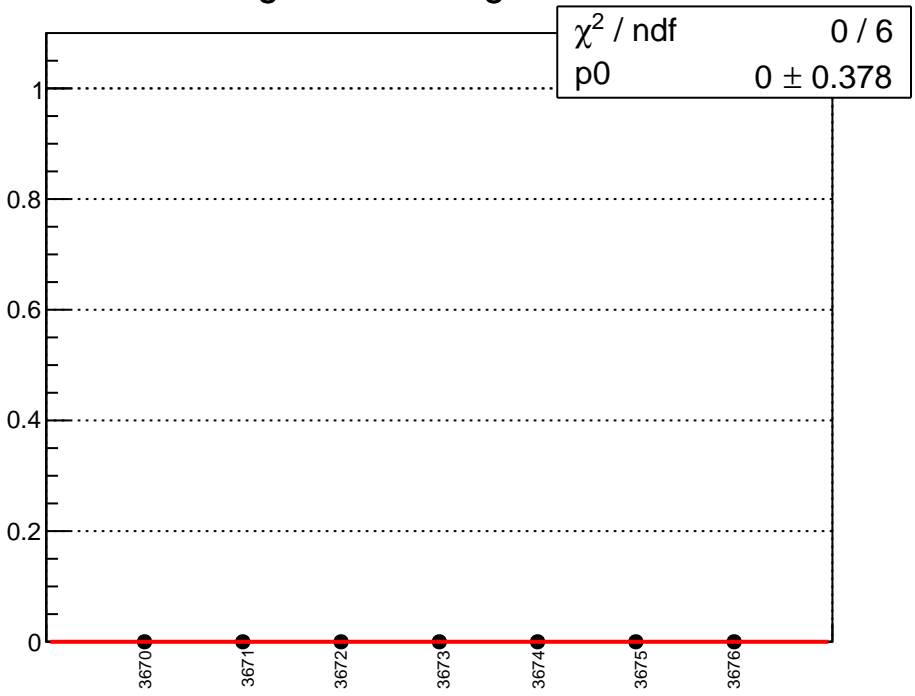
bcm_dg_us_ds_dd_mean vs run



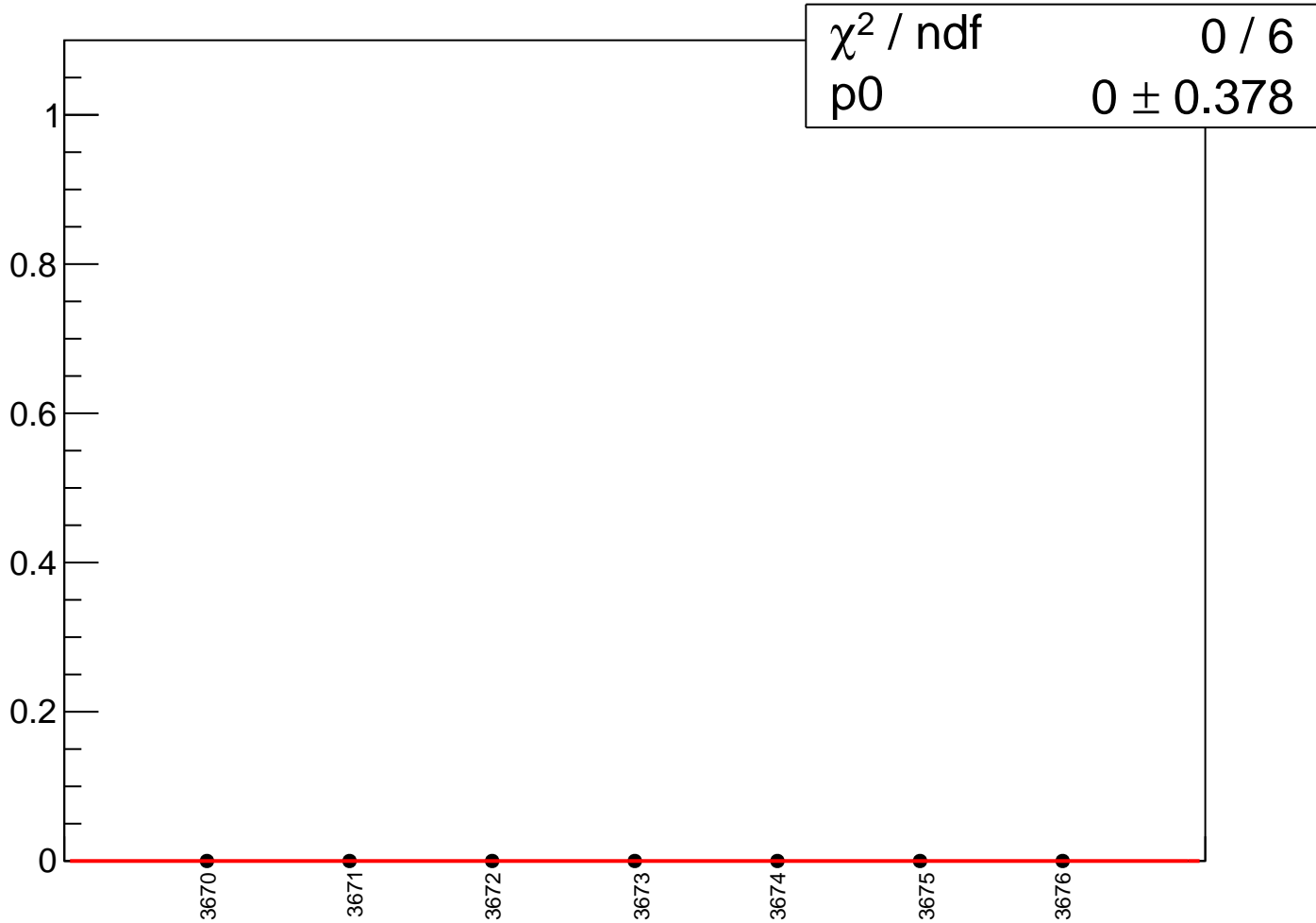
bcm_dg_us_ds_dd_rms vs run



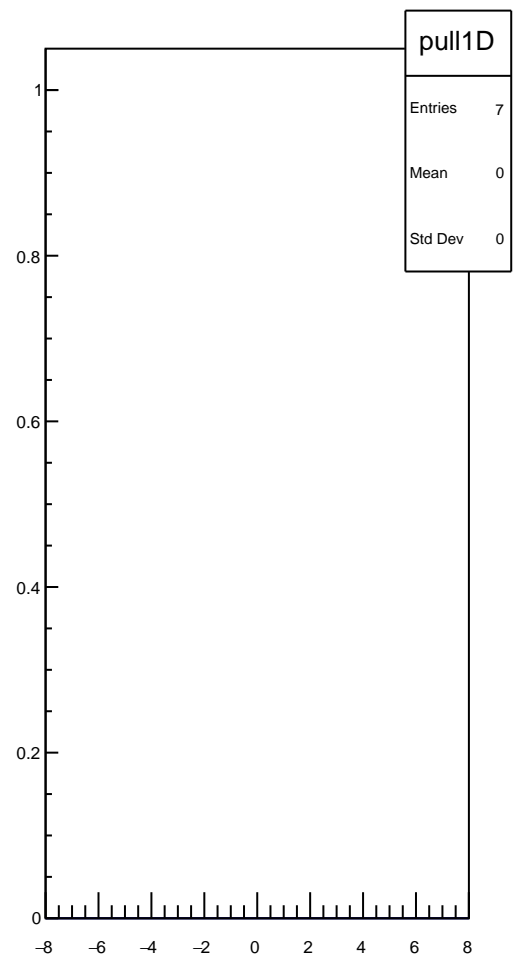
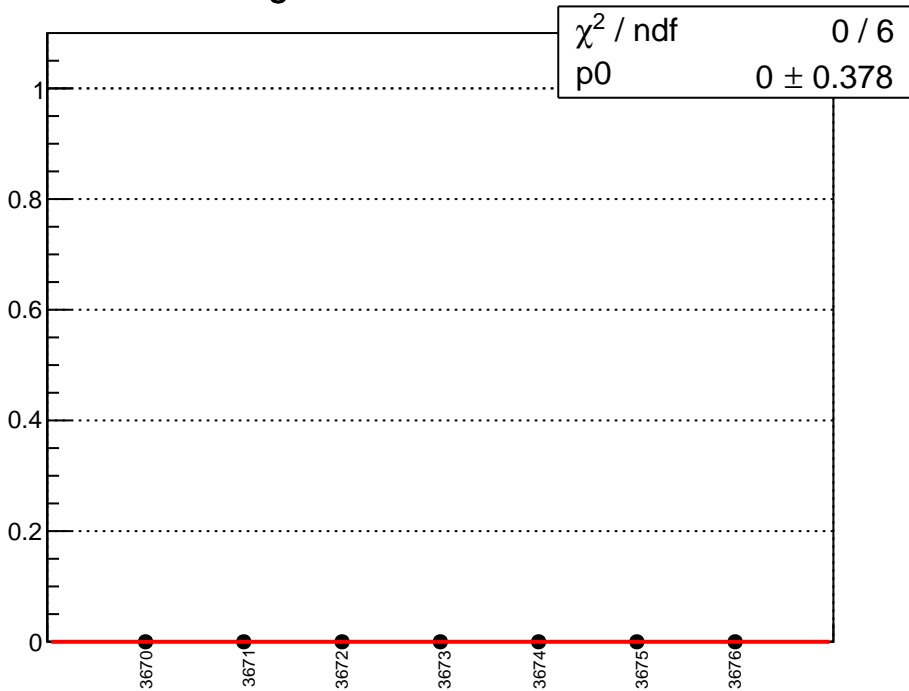
bcm_dg_us_ds3_avg_mean vs run



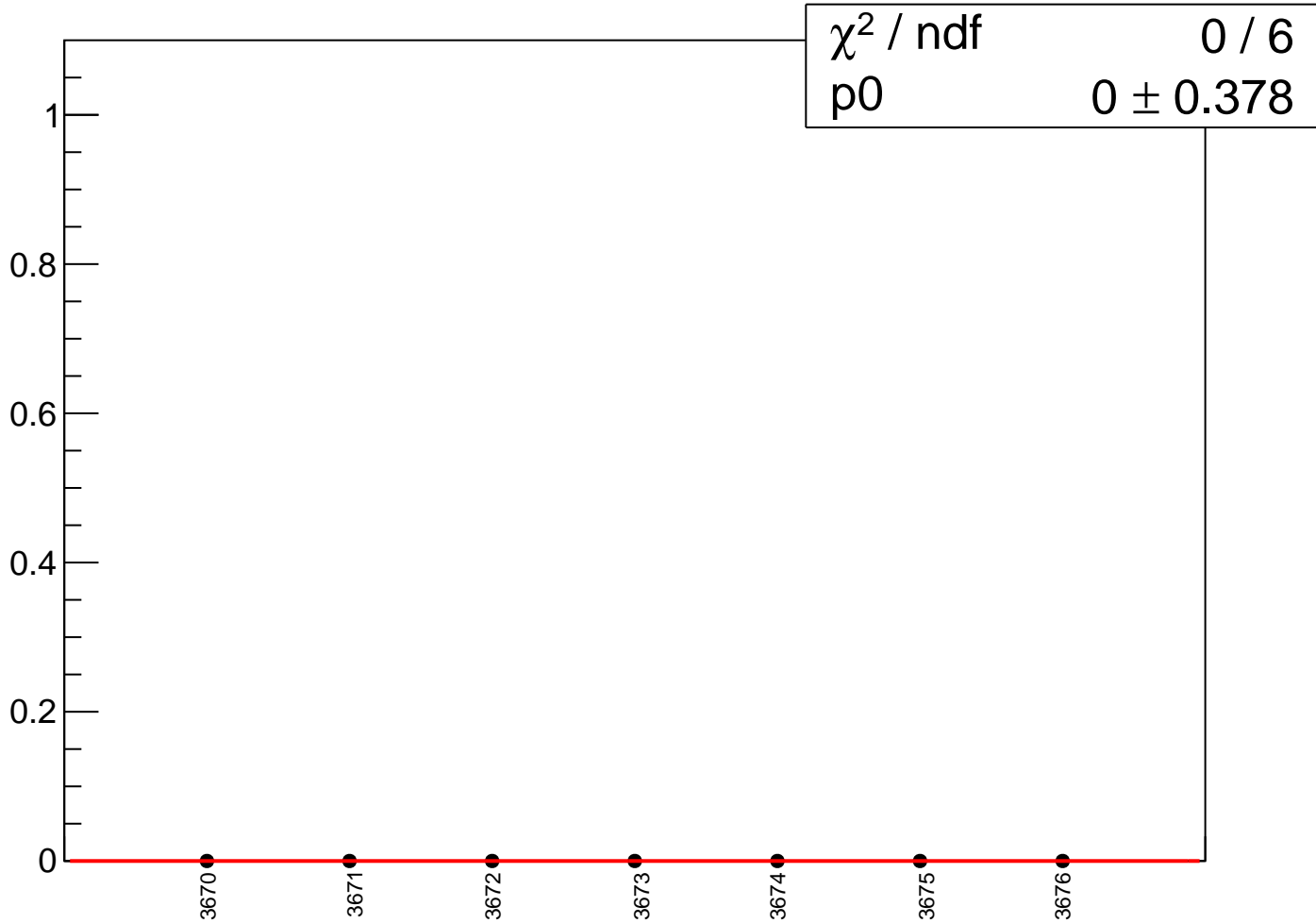
bcm_dg_us_ds3_avg_rms vs run



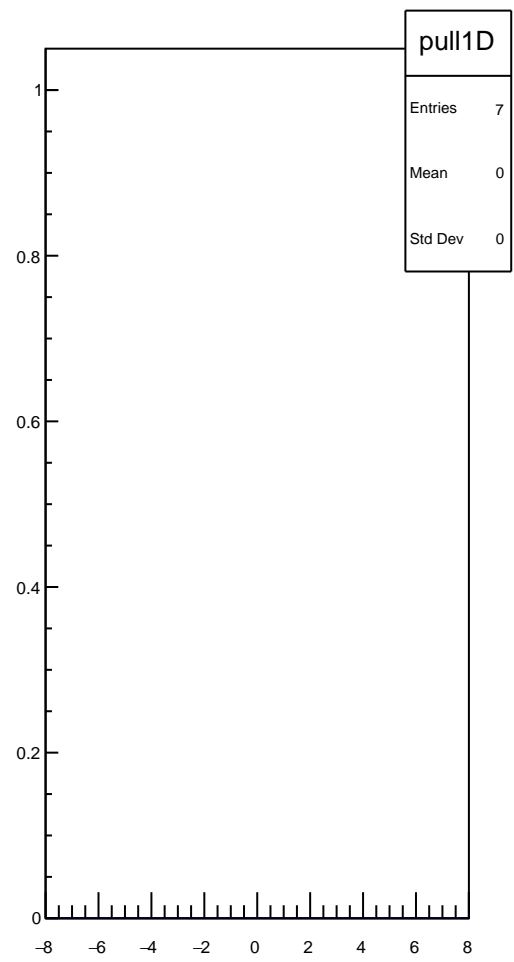
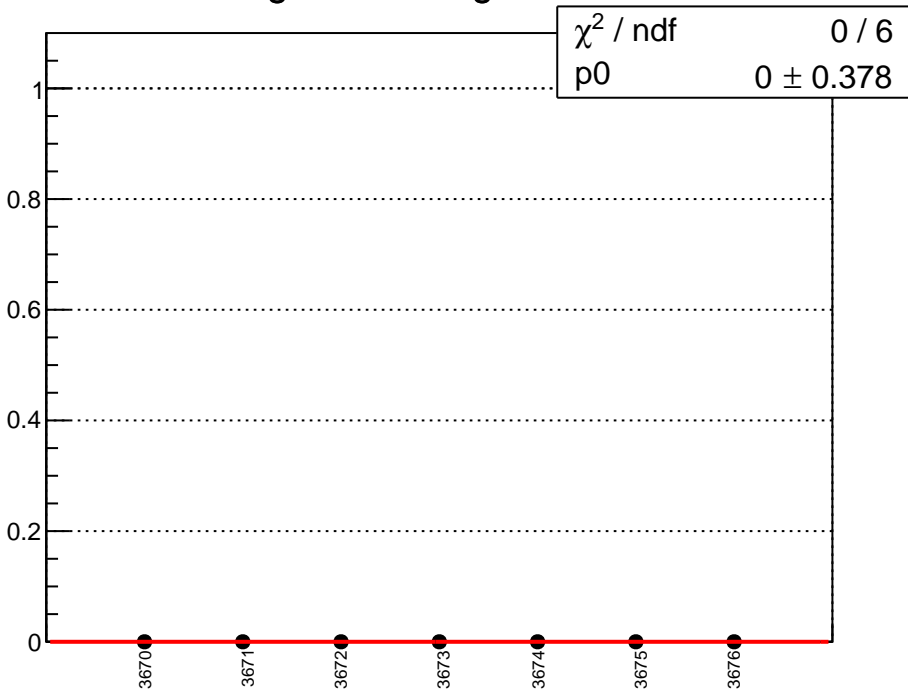
bcm_dg_us_ds3_dd_mean vs run



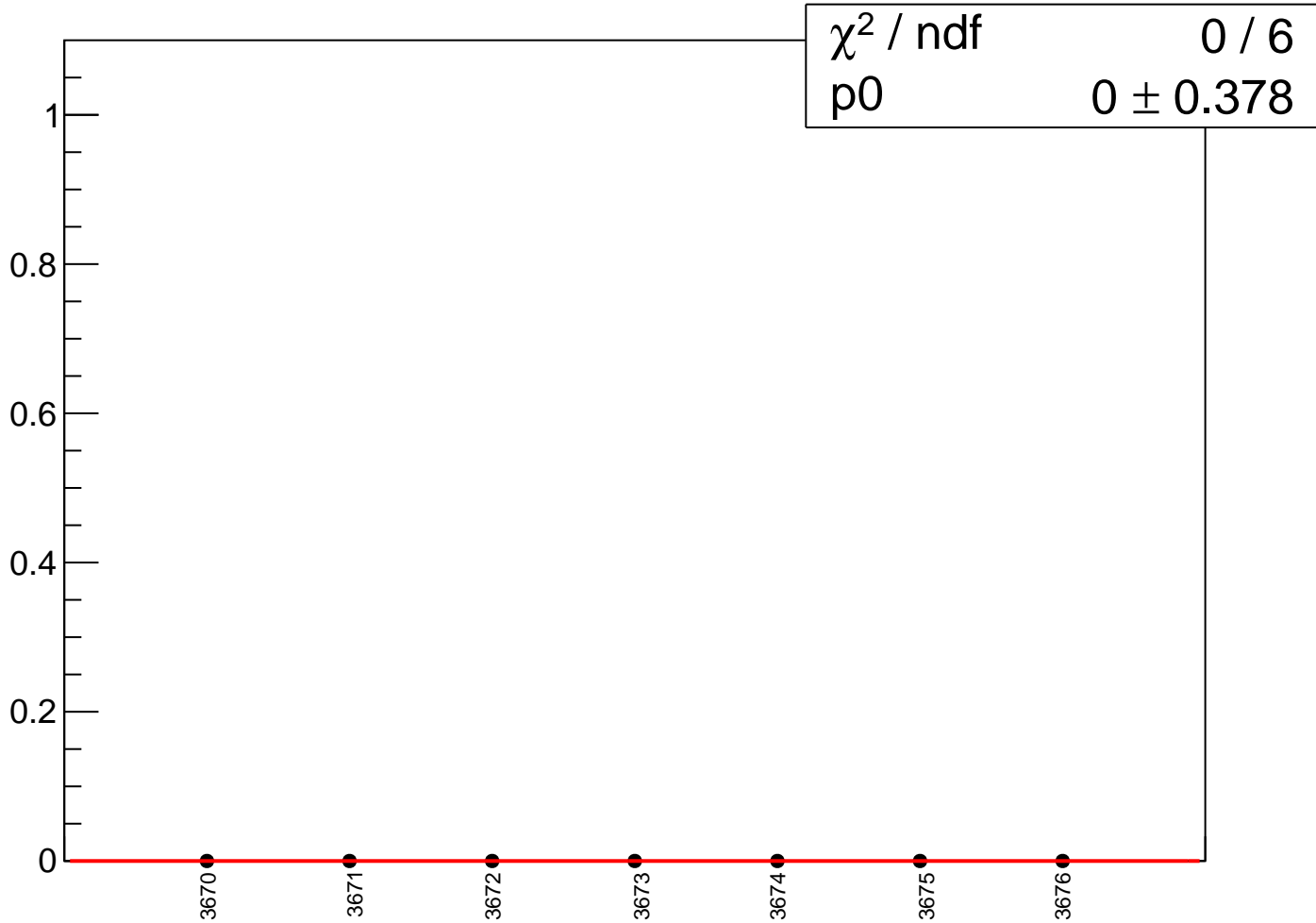
bcm_dg_us_ds3_dd_rms vs run



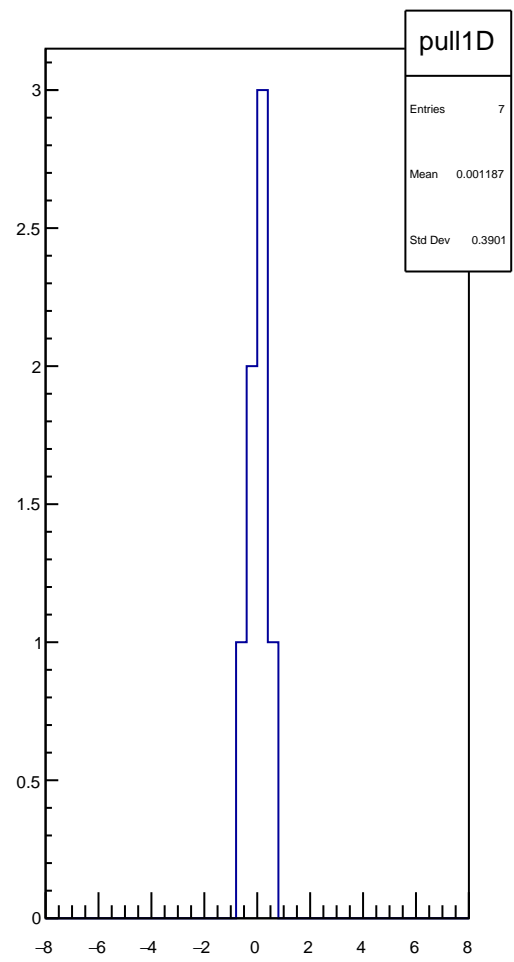
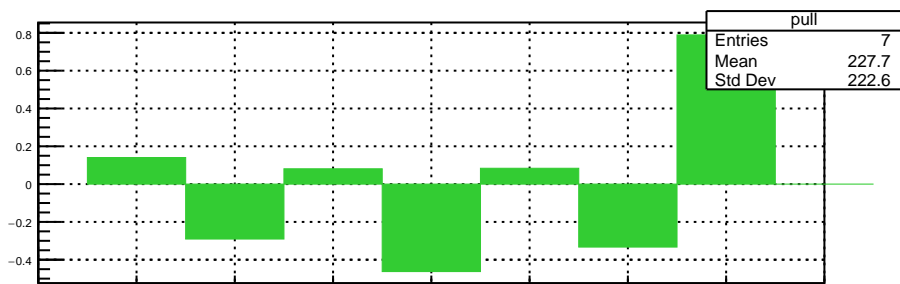
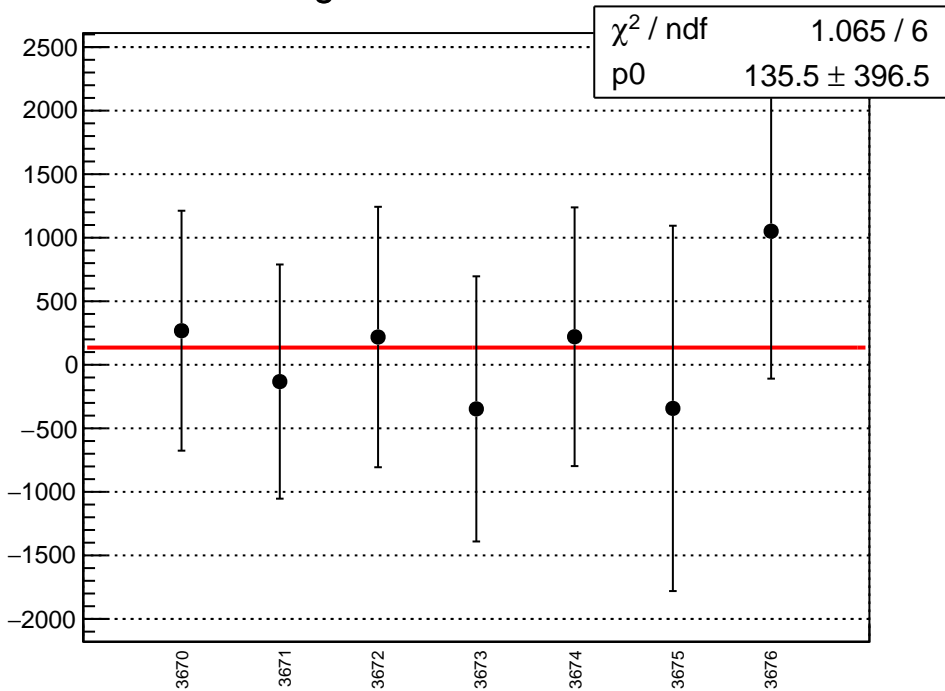
bcm_dg_ds_ds_avg_mean vs run



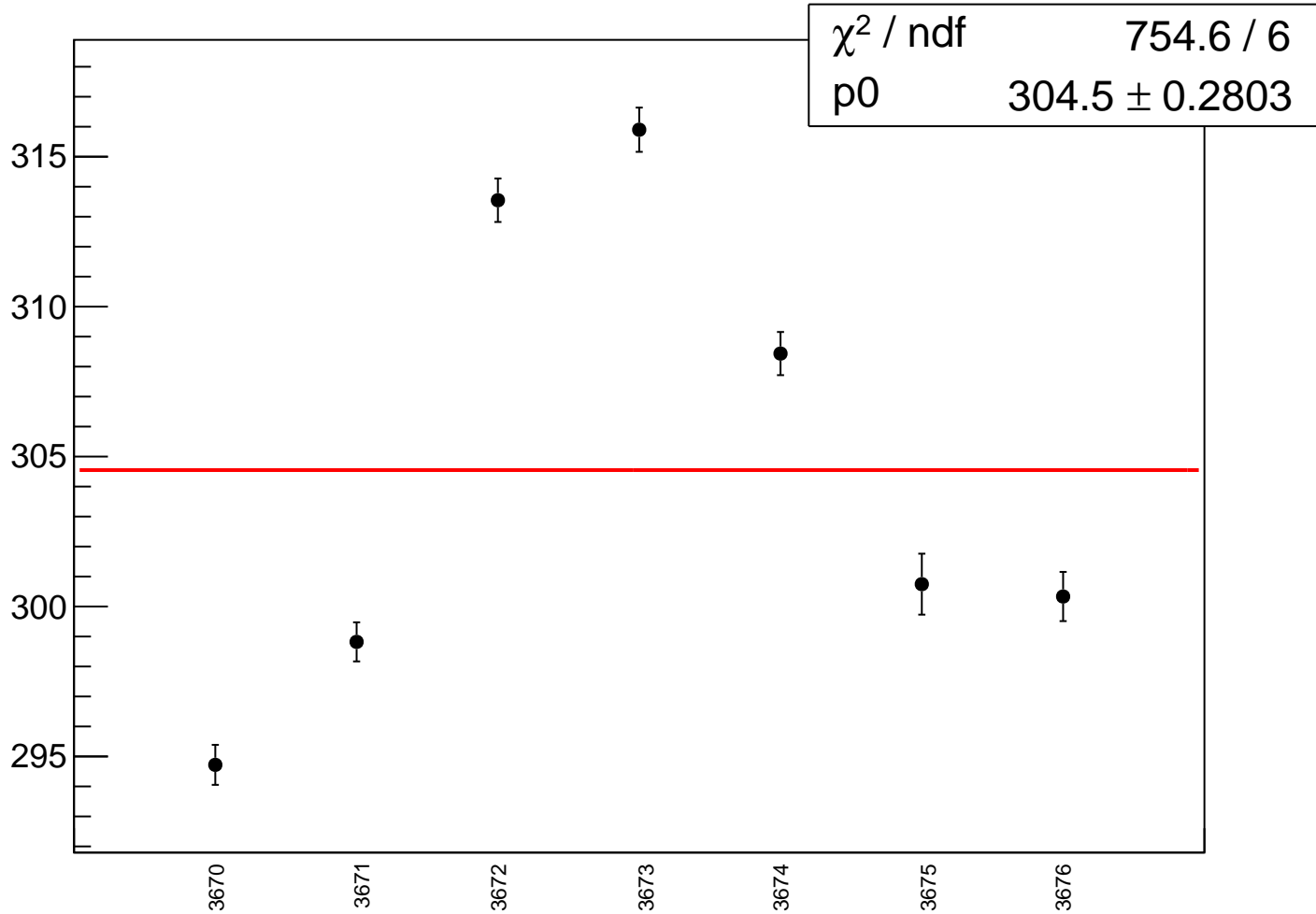
bcm_dg_ds_ds_avg_rms vs run



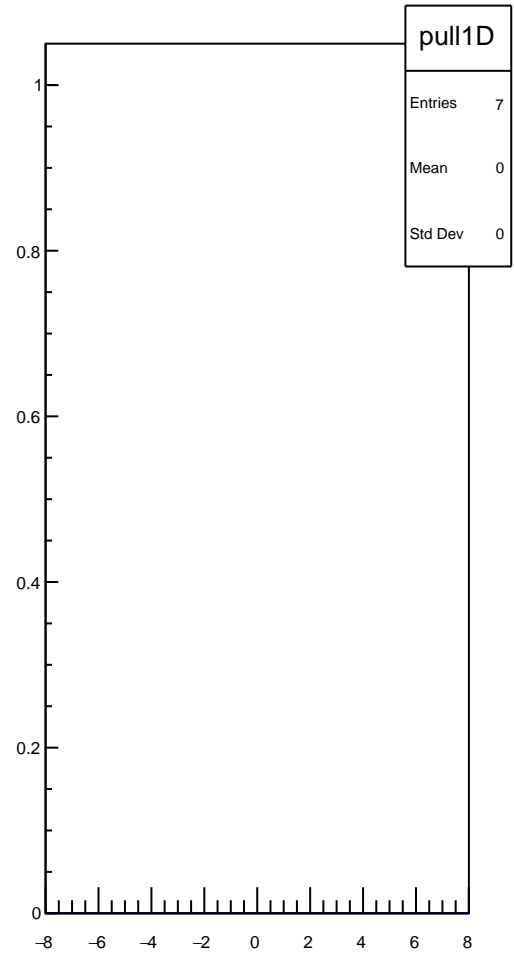
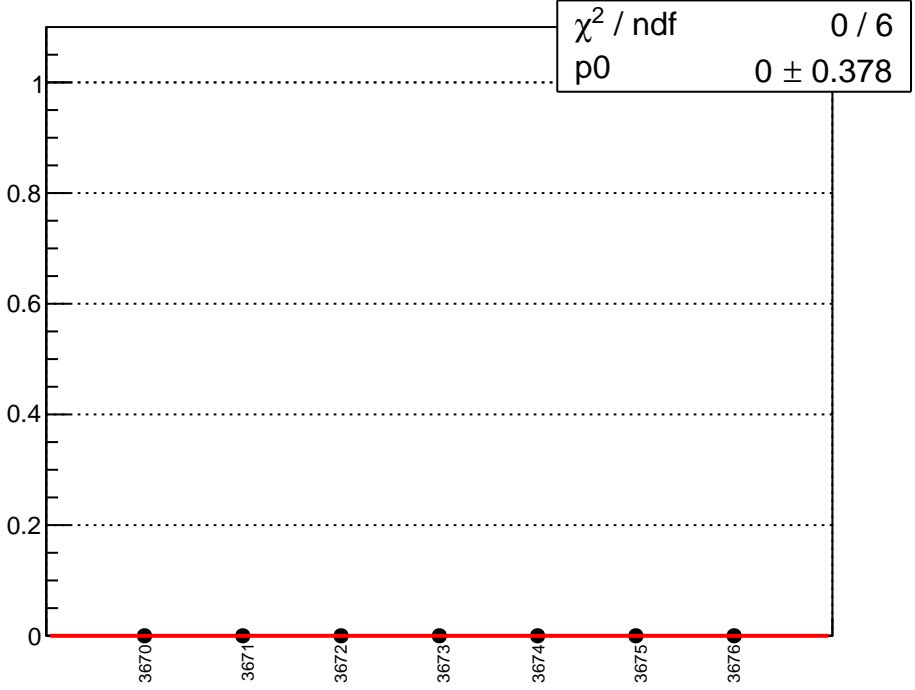
bcm_dg_ds_ds_dd_mean vs run



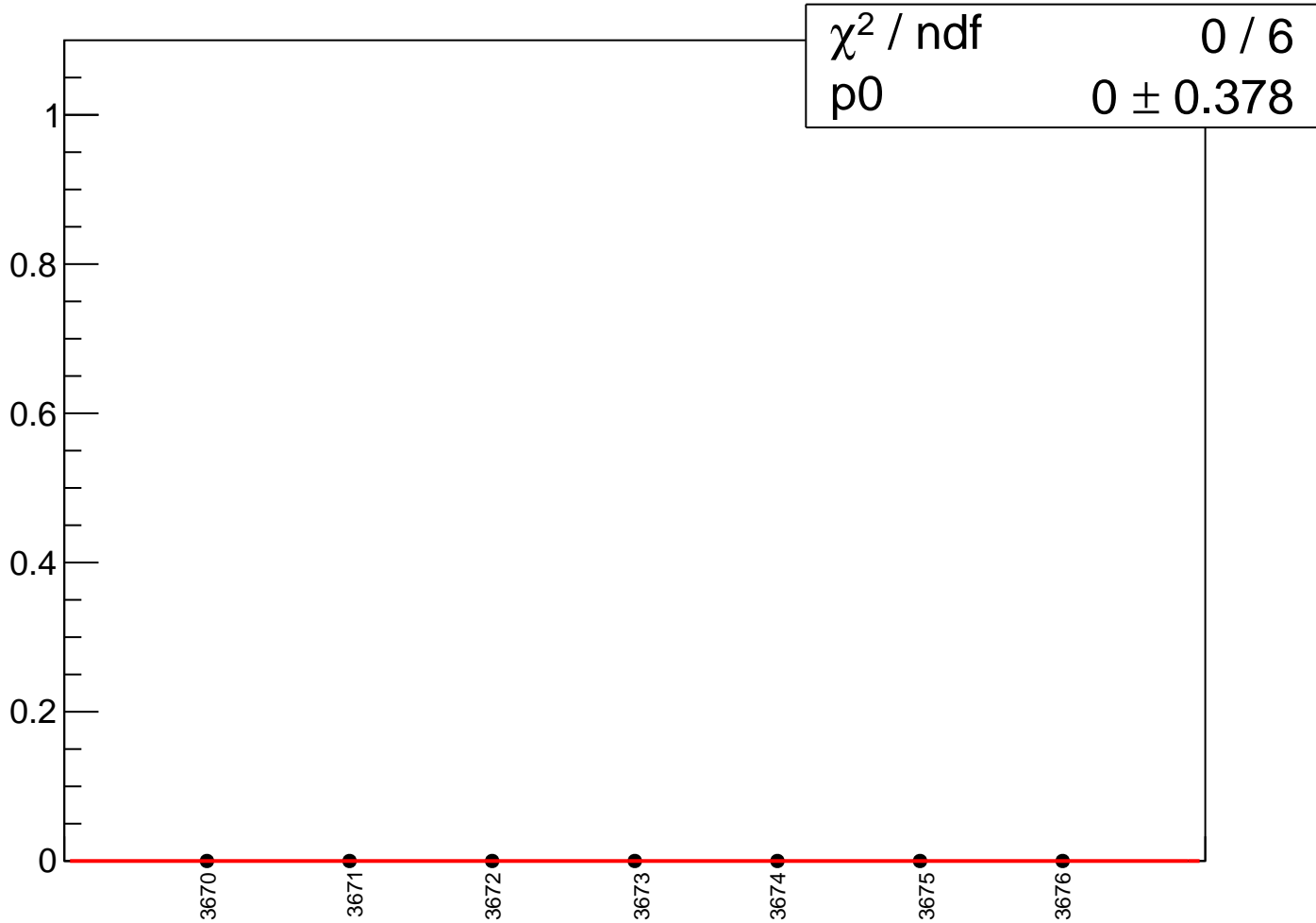
bcm_dg_ds_ds_dd_rms vs run



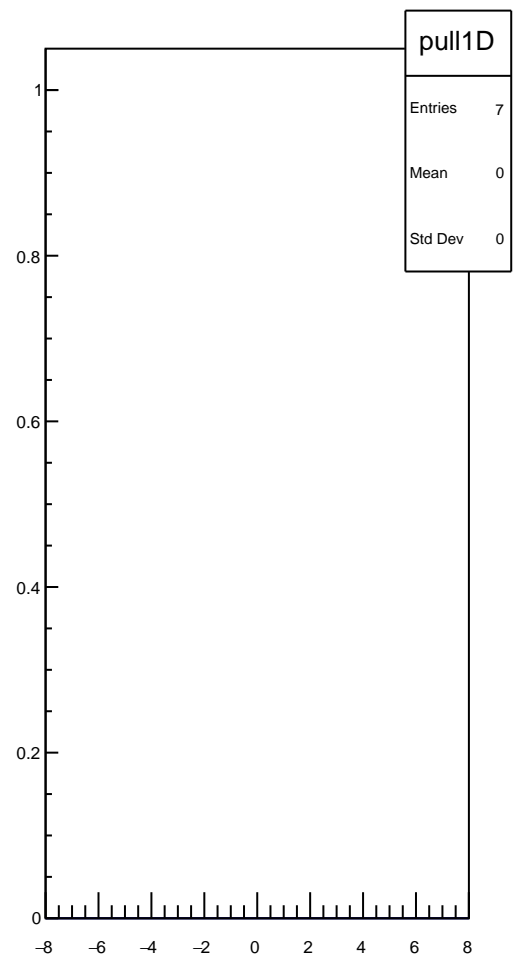
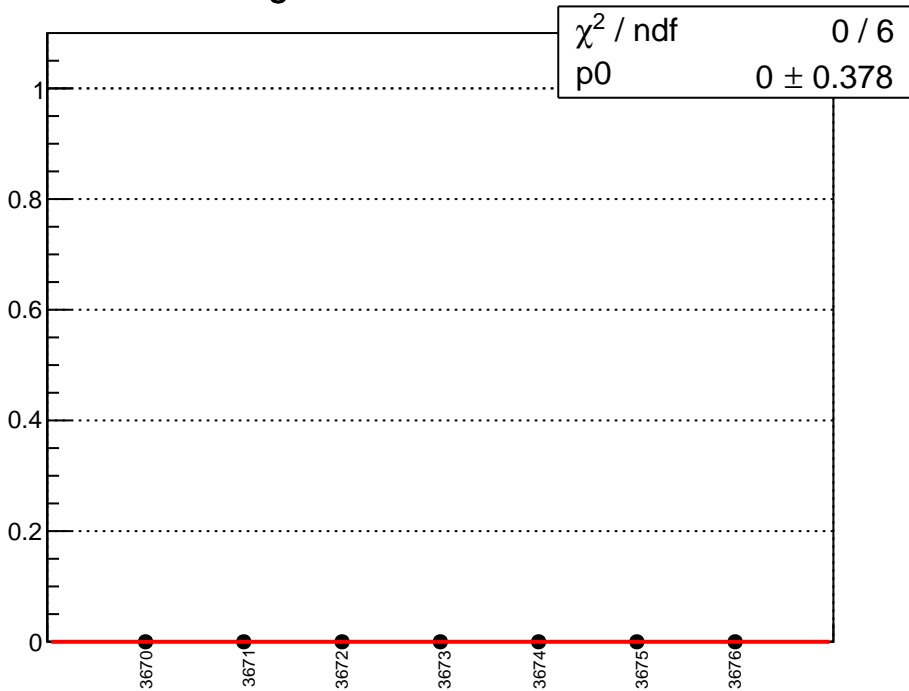
bcm_dg_ds_ds3_avg_mean vs run



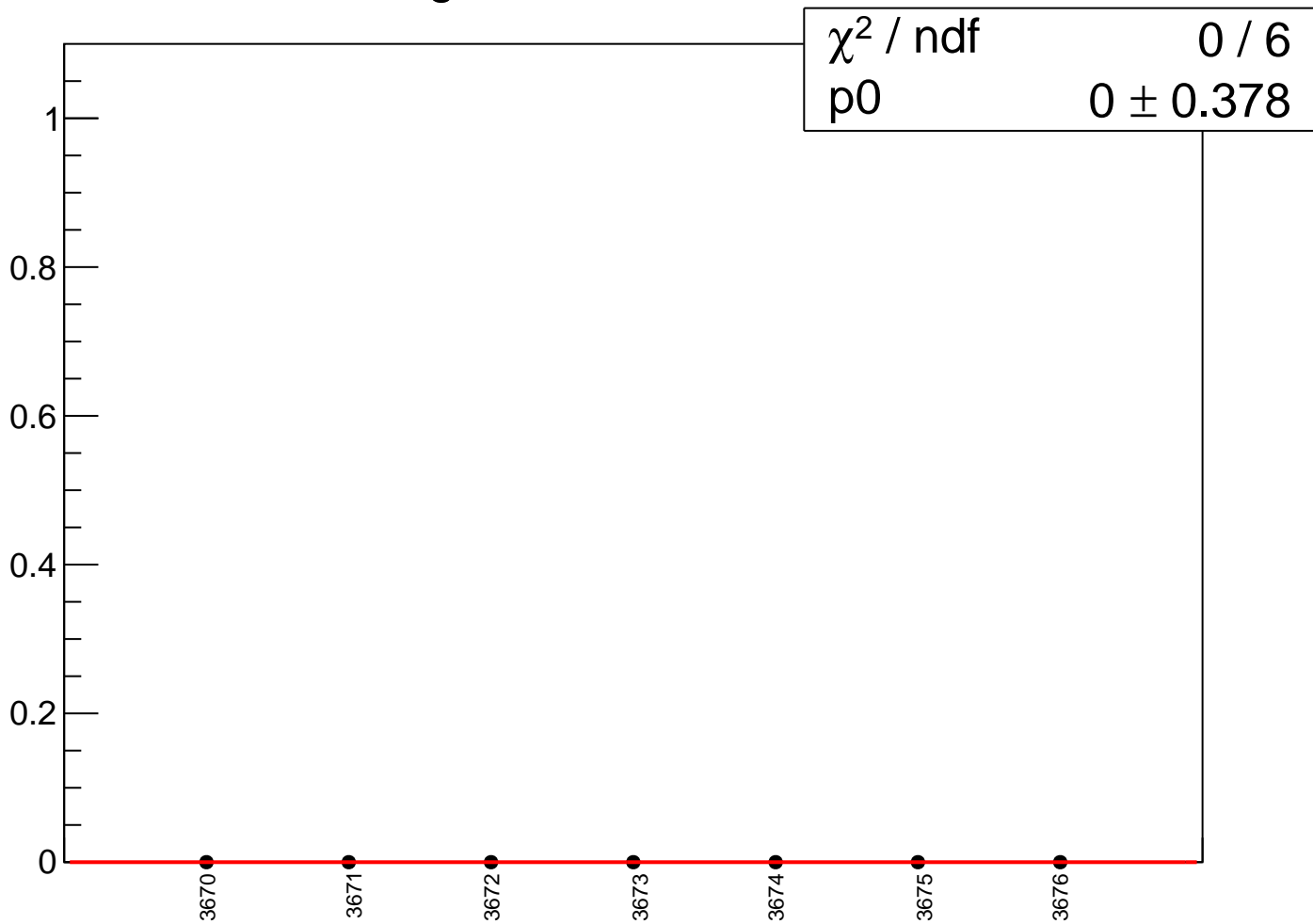
bcm_dg_ds_ds3_avg_rms vs run



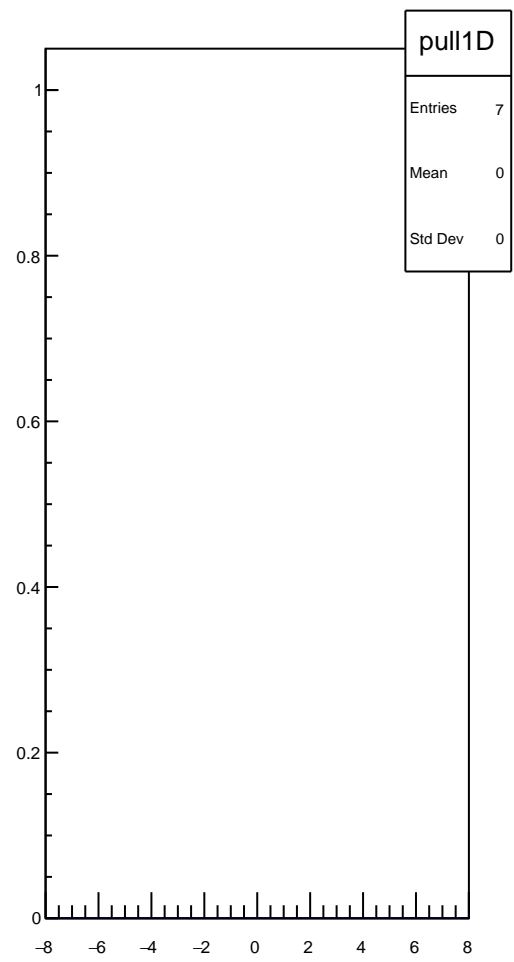
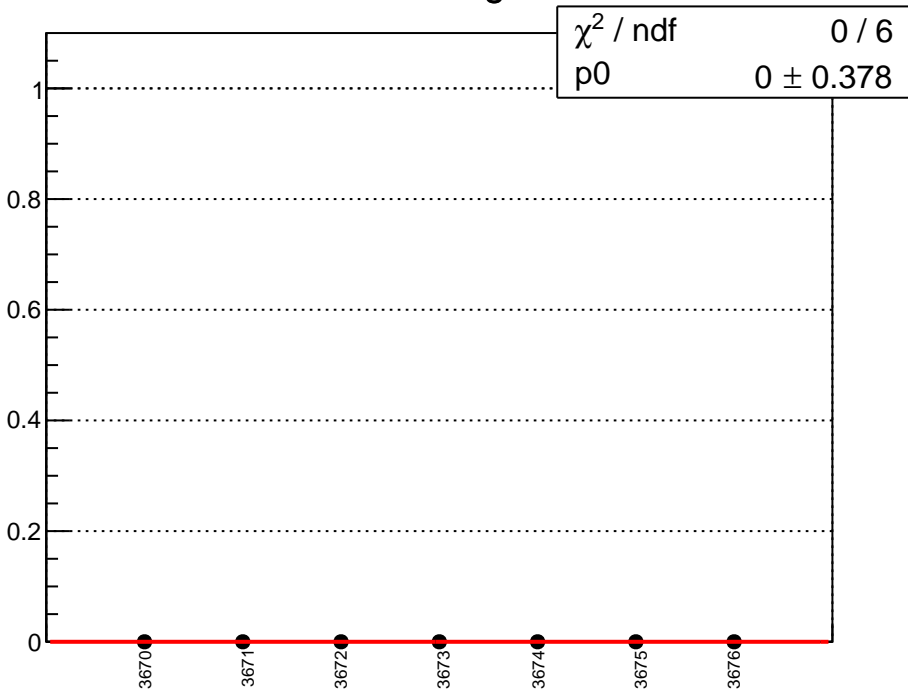
bcm_dg_ds_ds3_dd_mean vs run



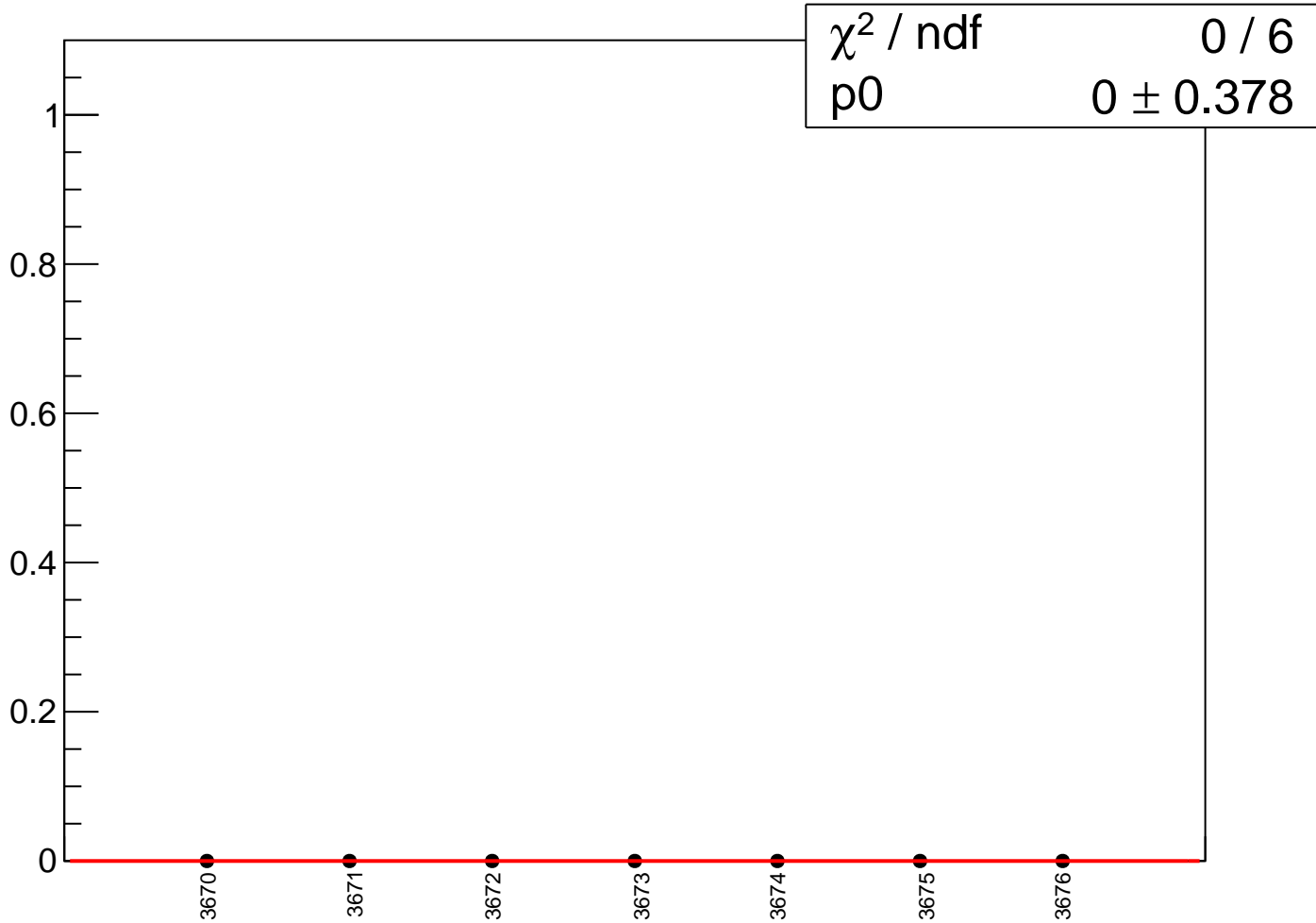
bcm_dg_ds_ds3_dd_rms vs run



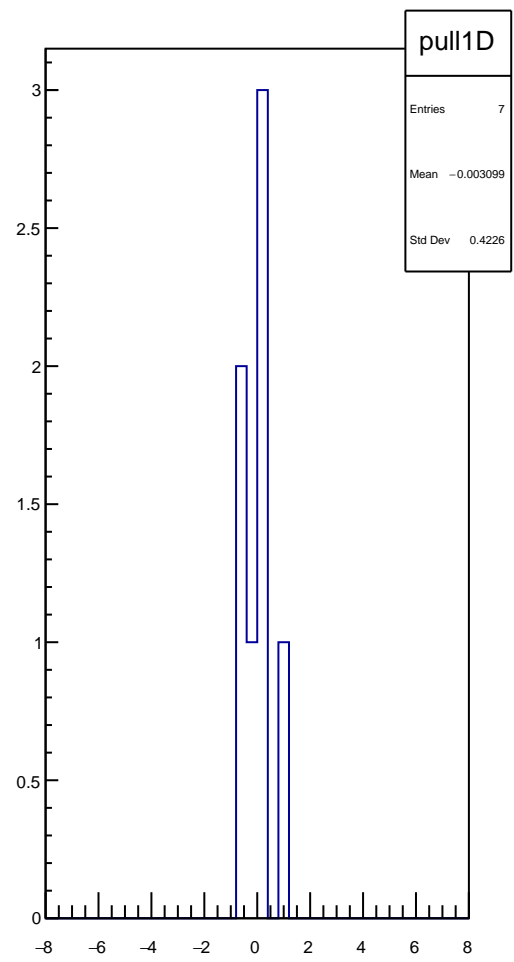
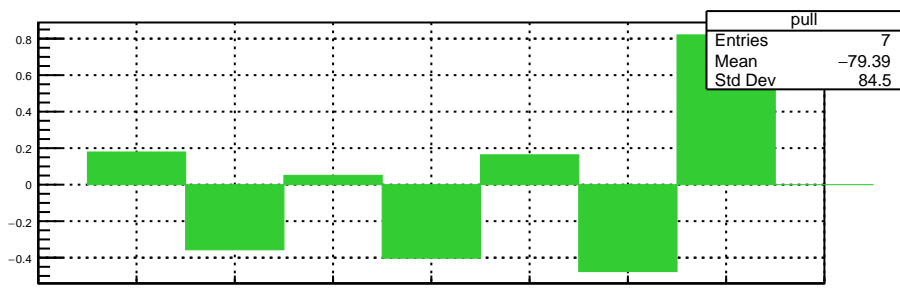
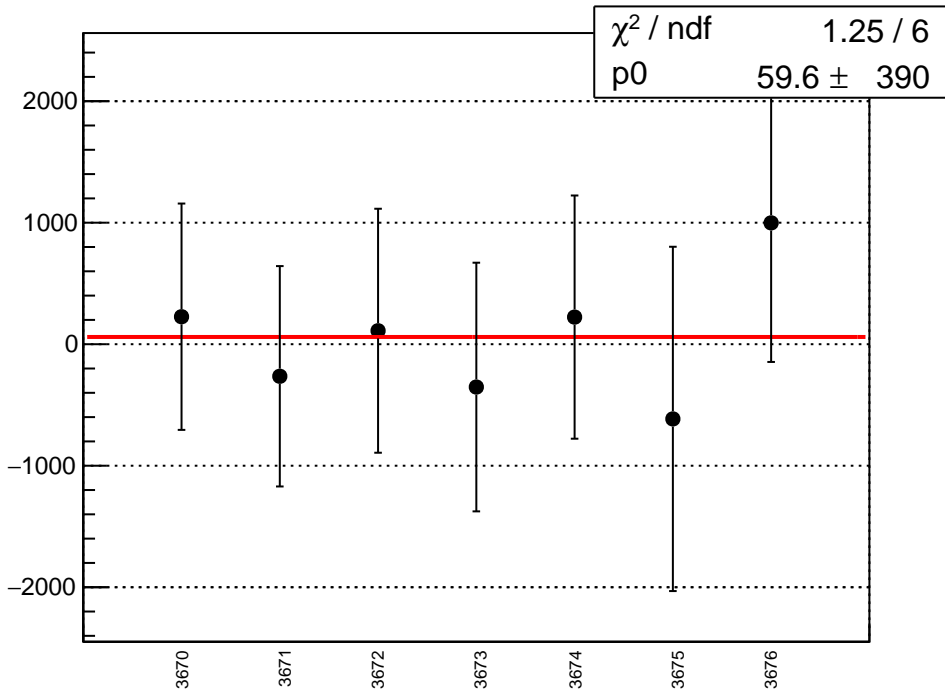
bcm_cav4cQ_ds_avg_mean vs run



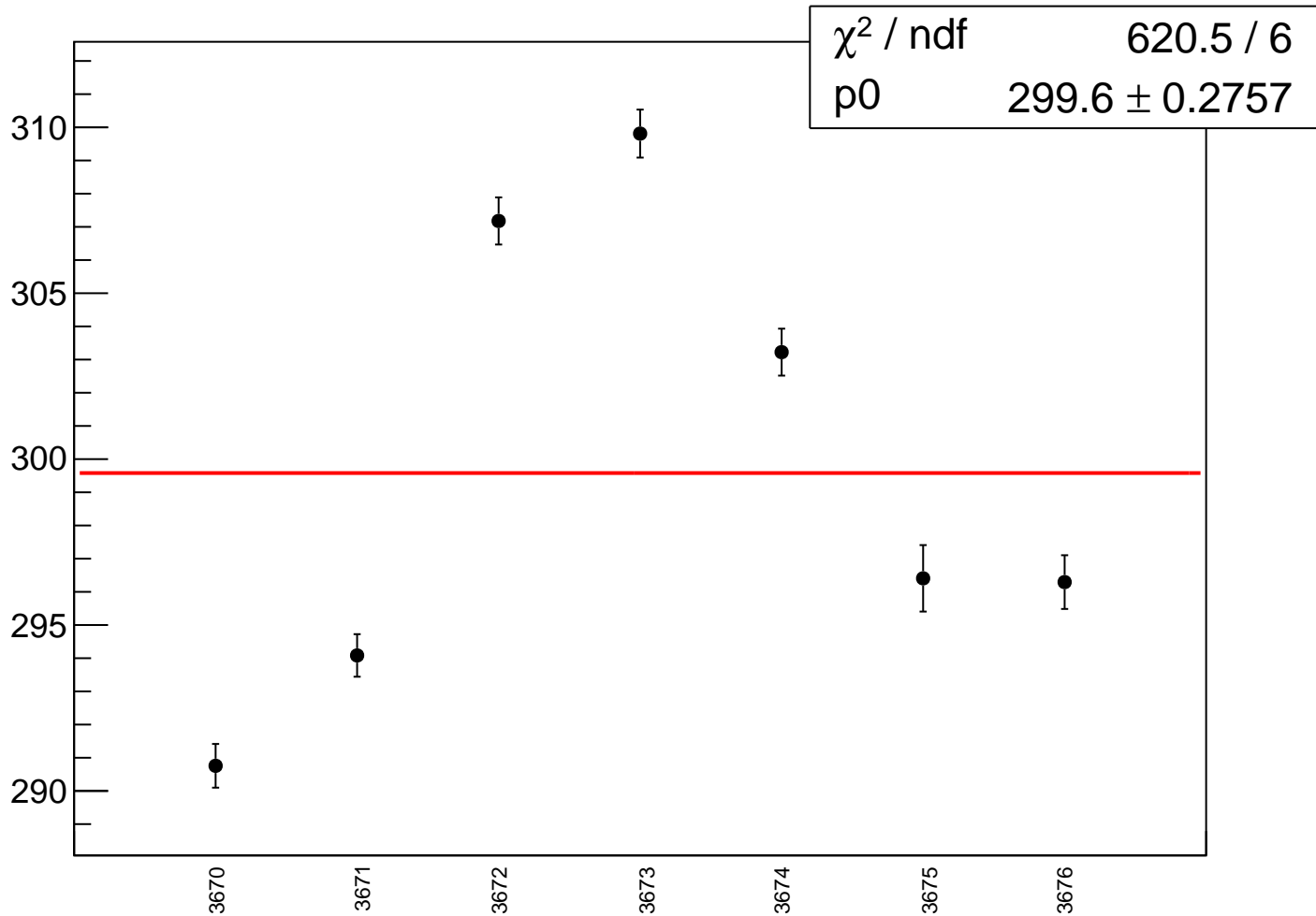
bcm_cav4cQ_ds_avg_rms vs run



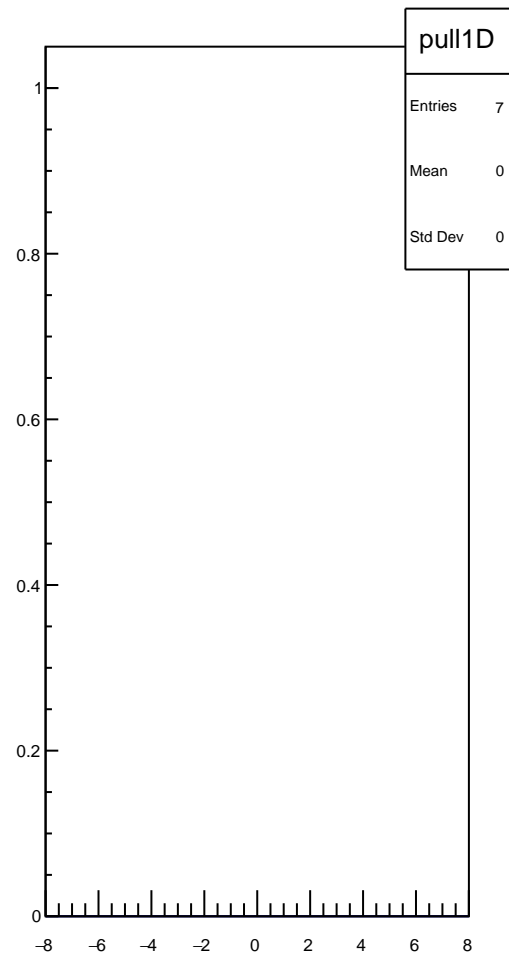
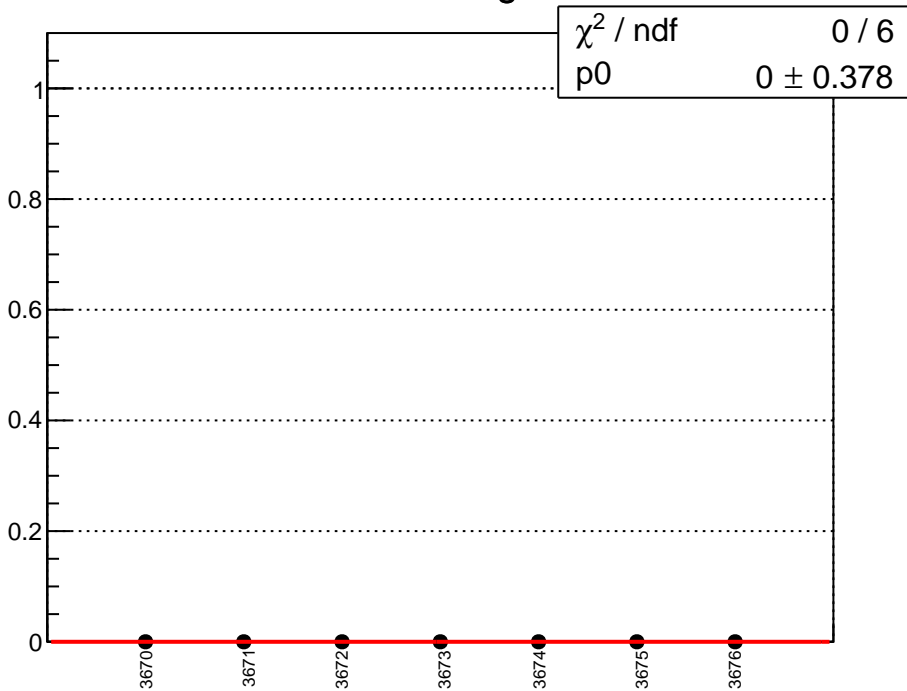
bcm_cav4cQ_ds_dd_mean vs run



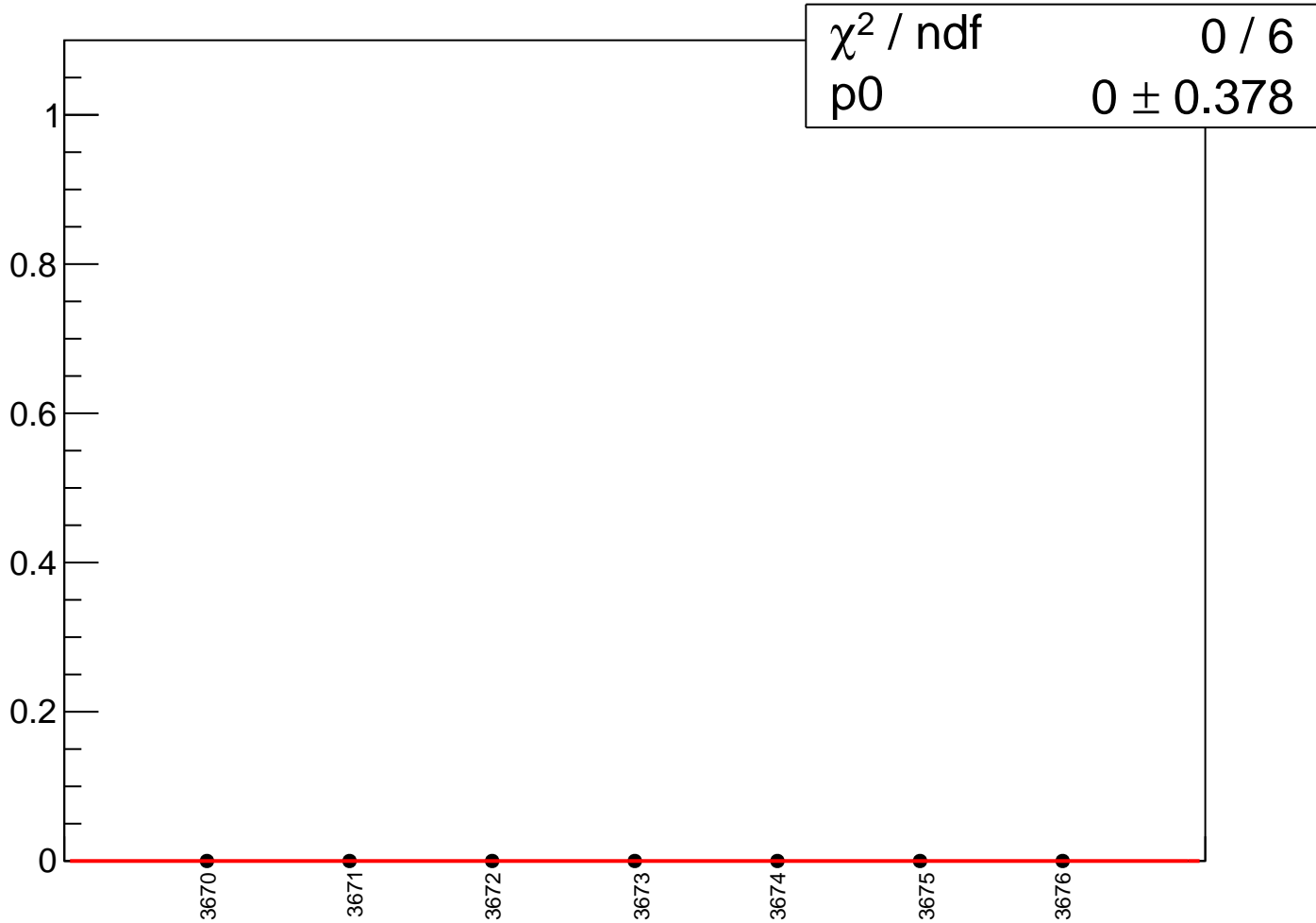
bcm_cav4cQ_ds_dd_rms vs run



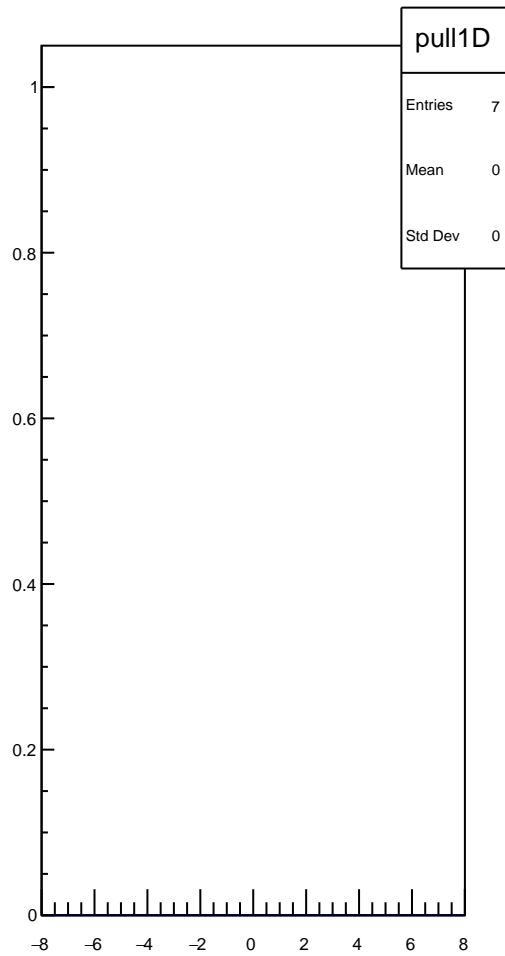
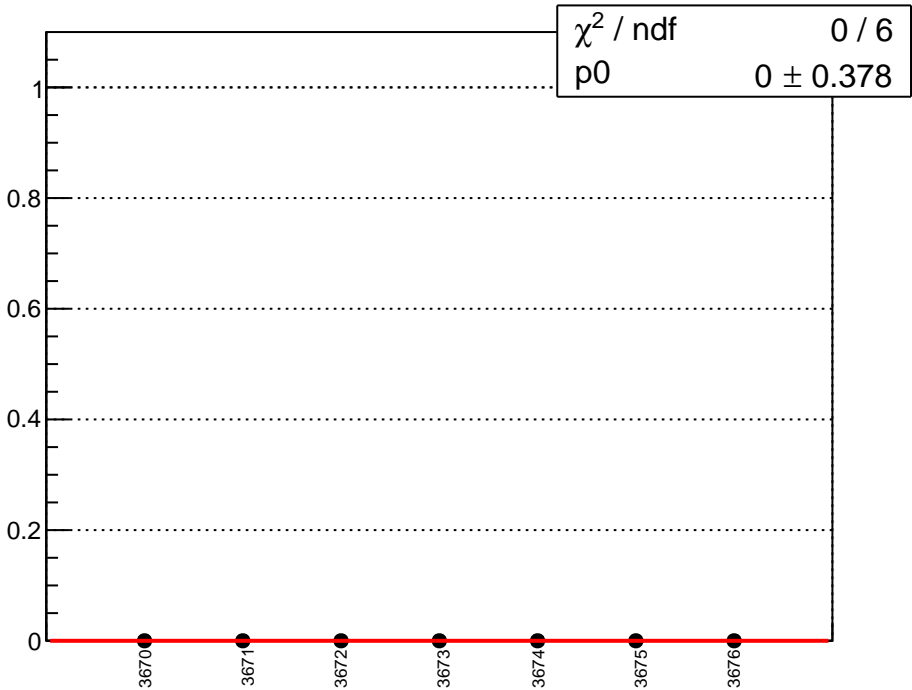
bcm_cav4cQ_ds3_avg_mean vs run



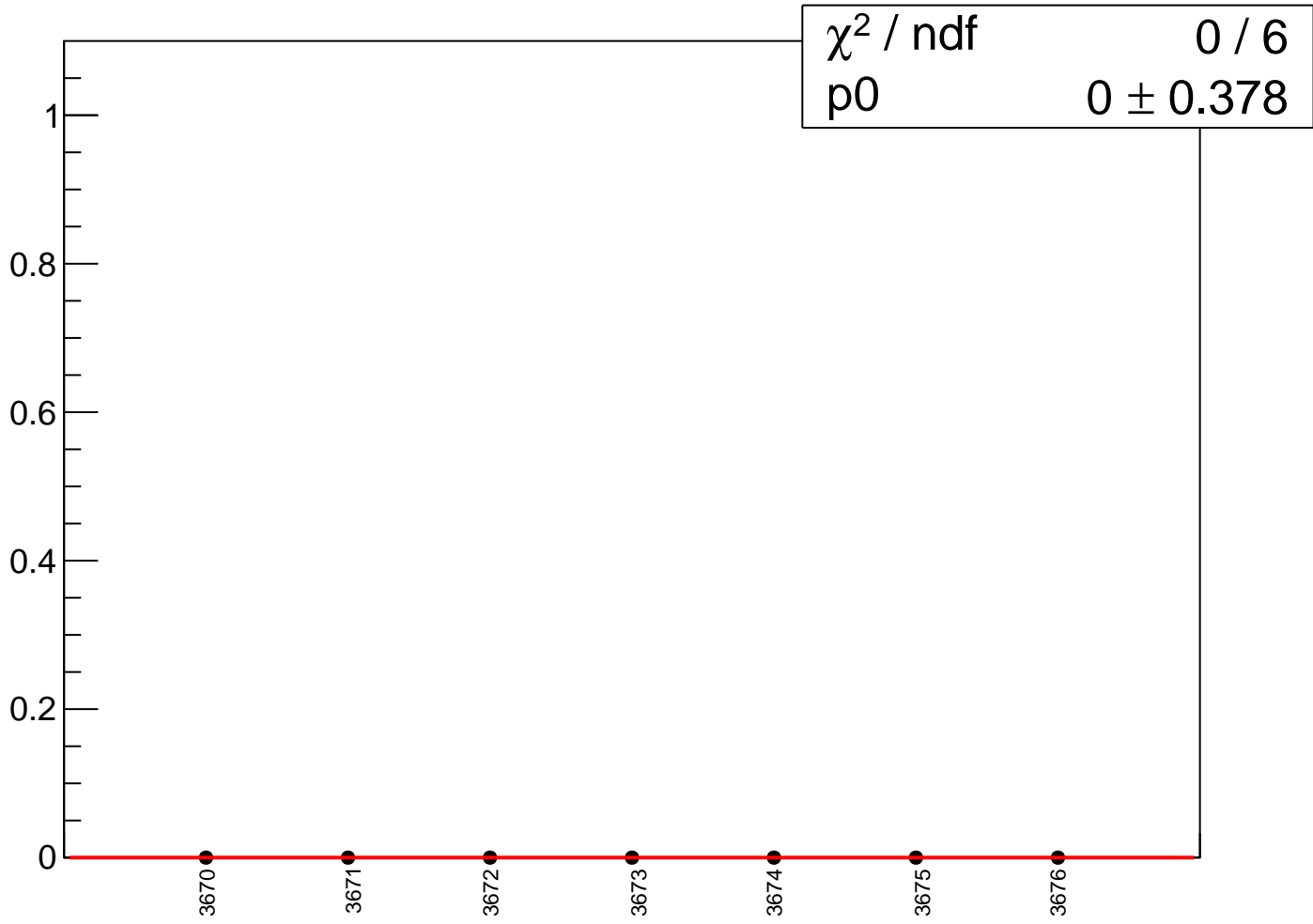
bcm_cav4cQ_ds3_avg_rms vs run



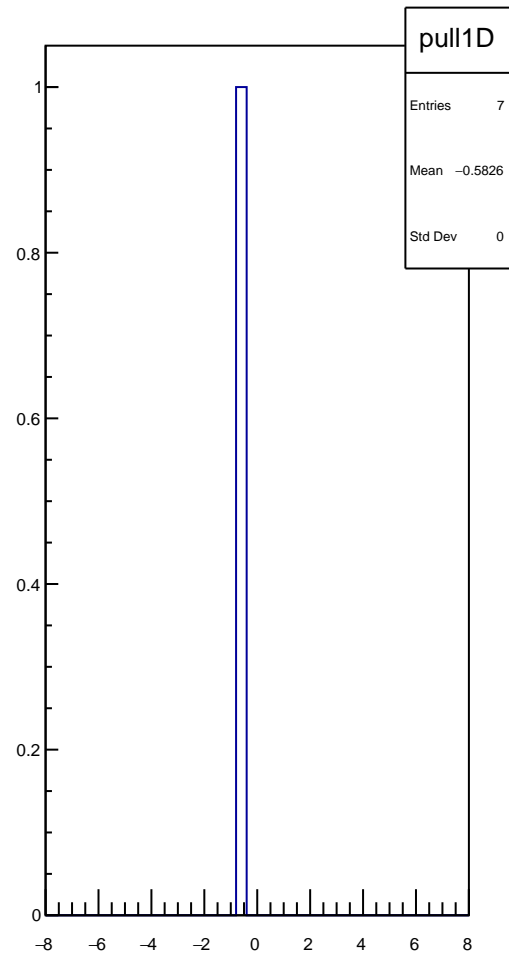
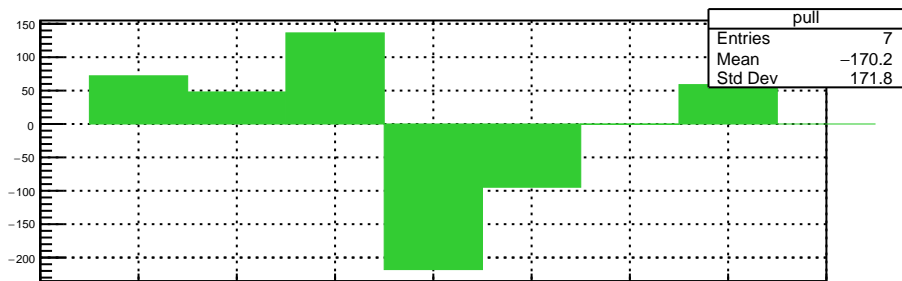
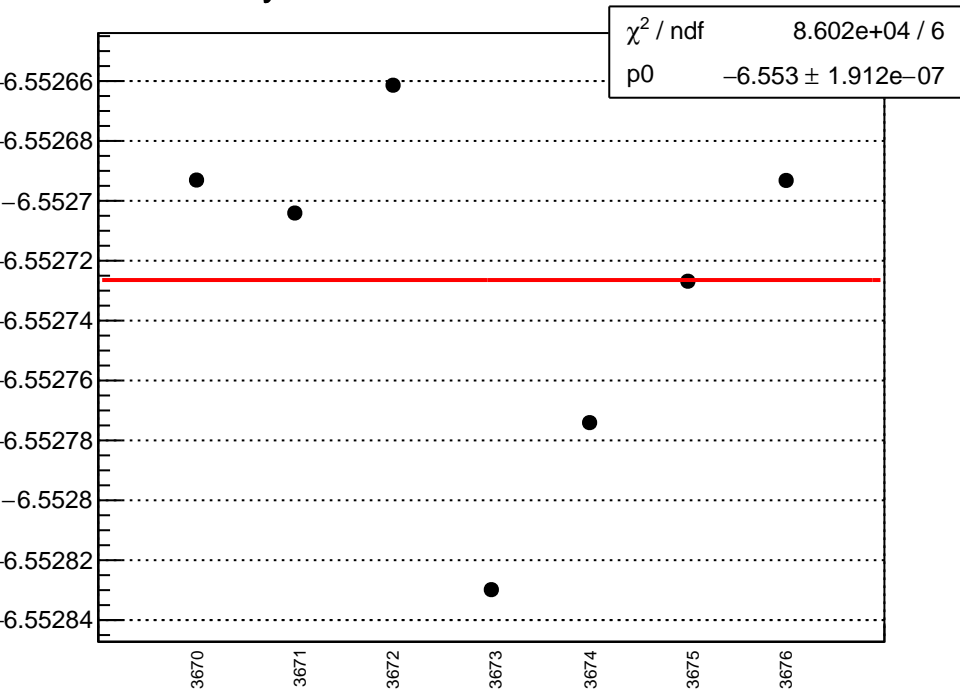
bcm_cav4cQ_ds3_dd_mean vs run



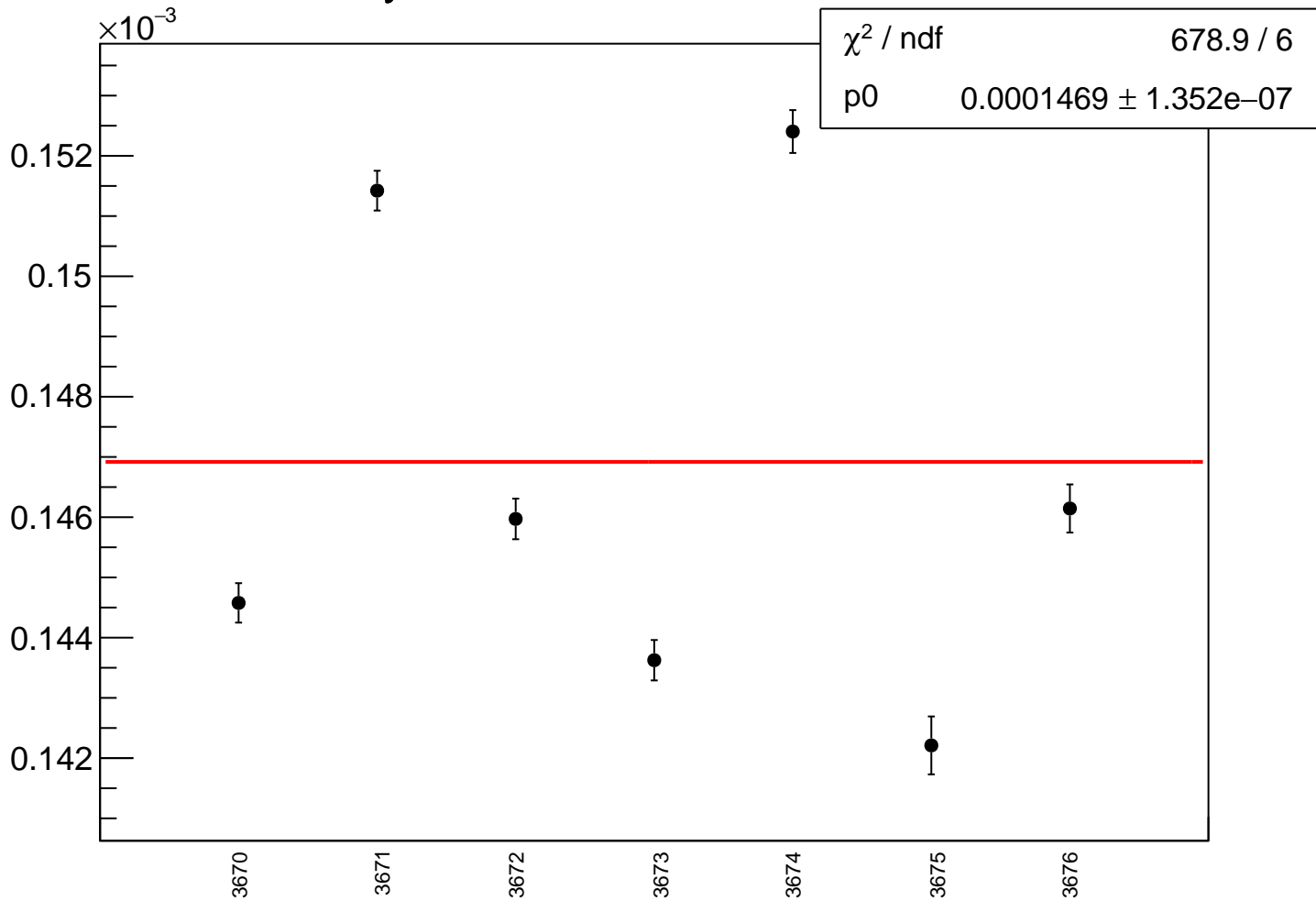
bcm_cav4cQ_ds3_dd_rms vs run



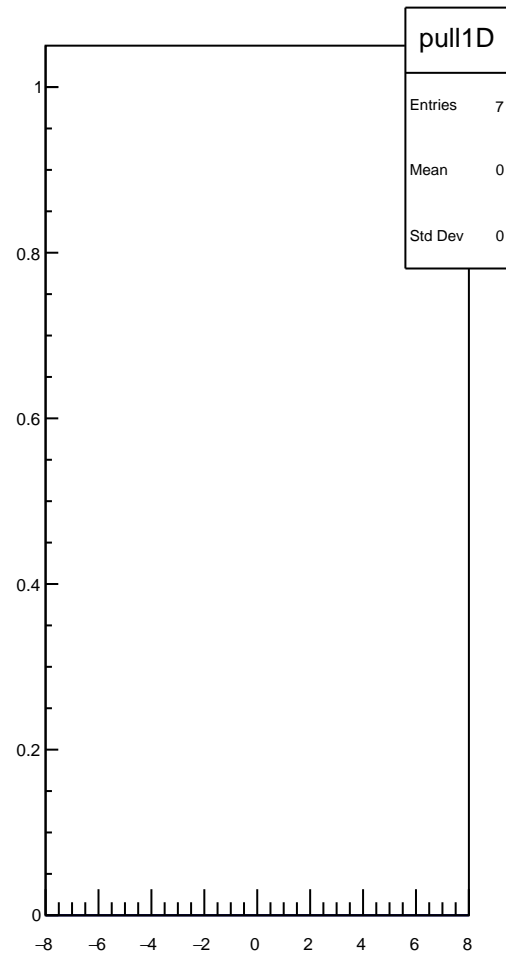
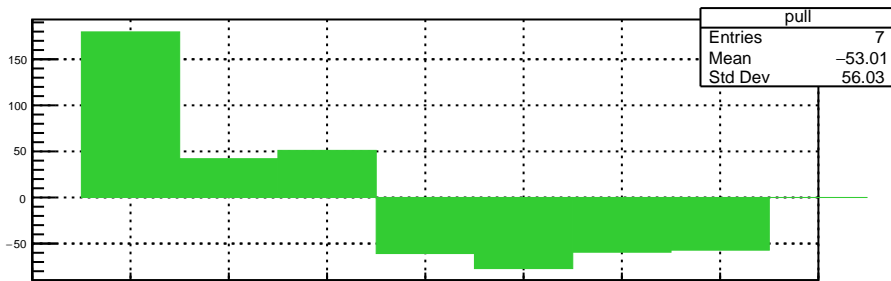
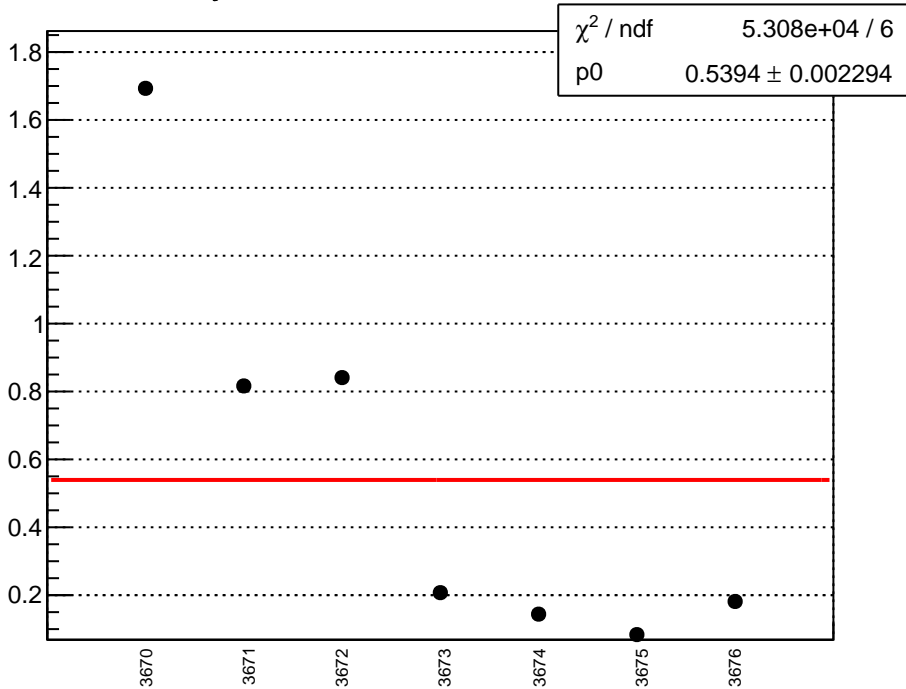
yield_cav4bX_mean vs run



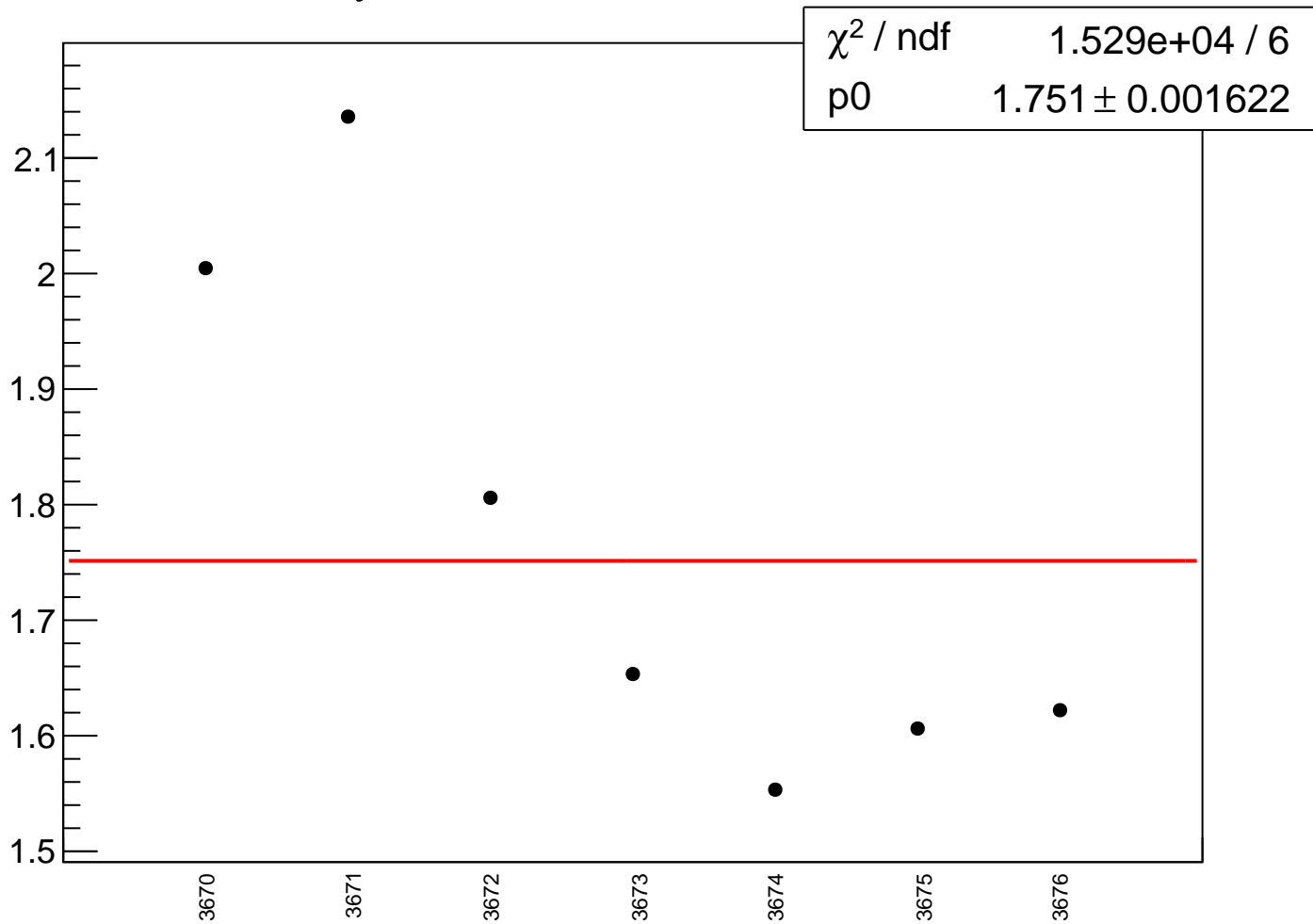
yield_cav4bX_rms vs run



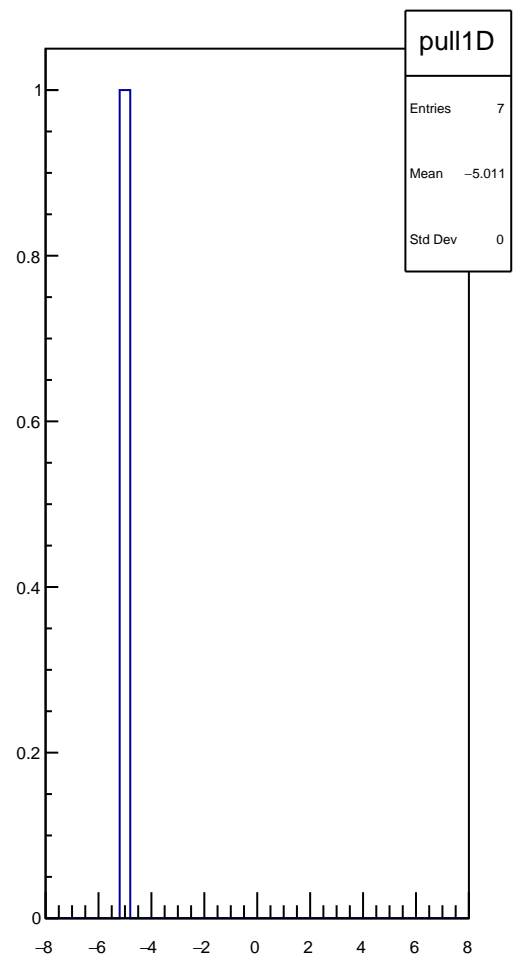
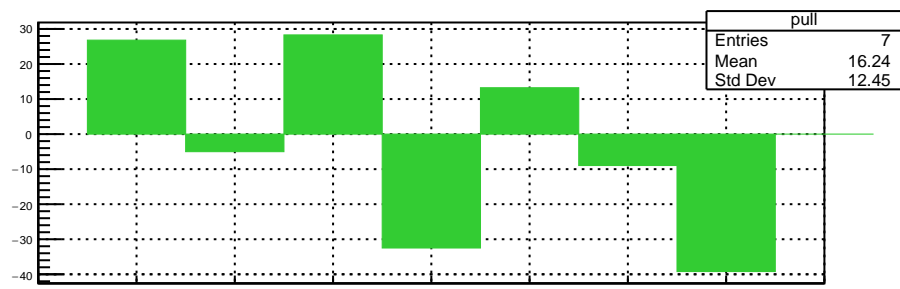
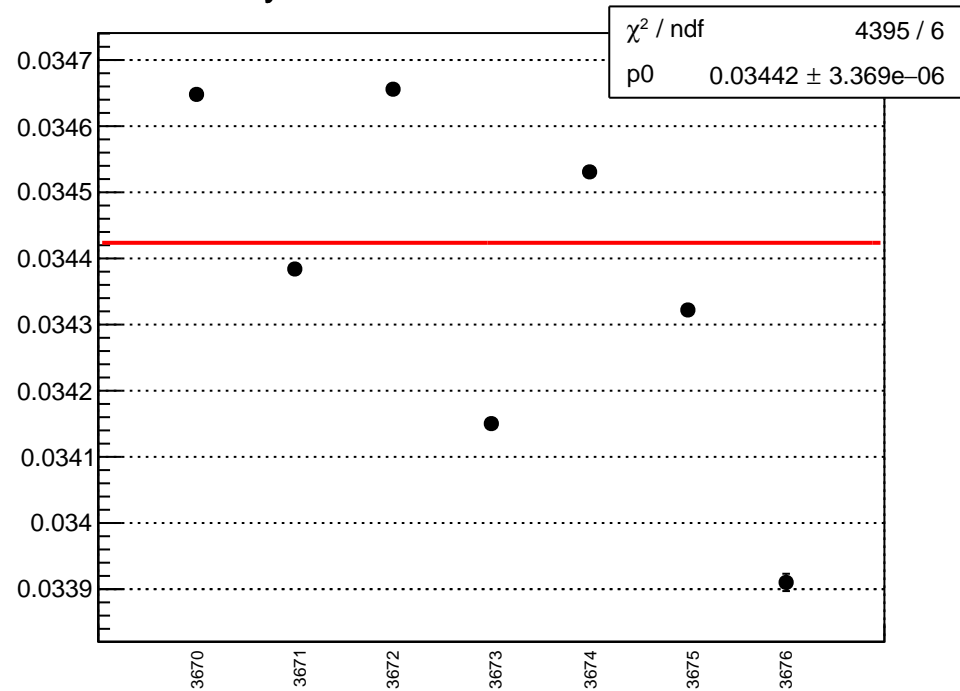
yield_cav4bY_mean vs run



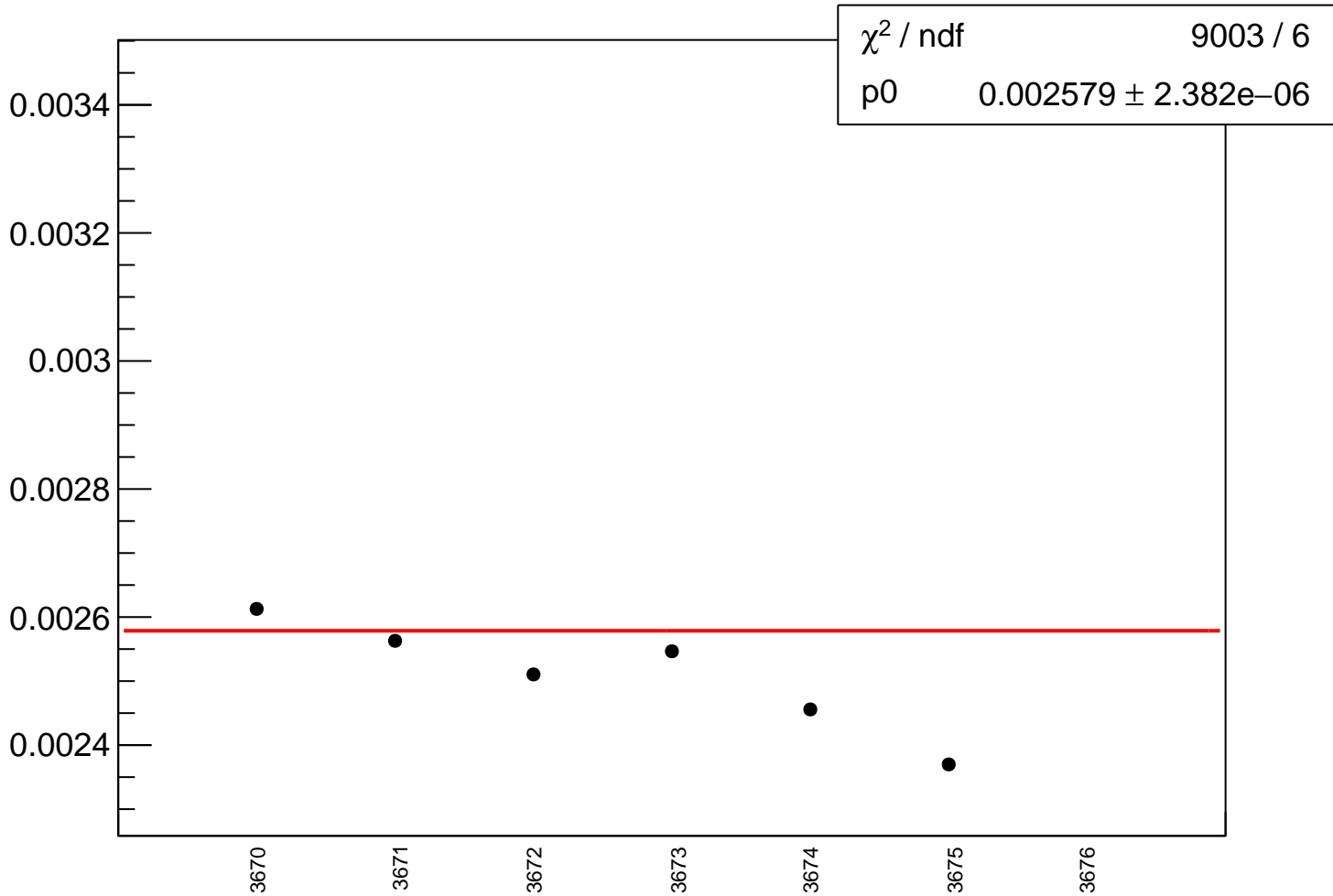
yield_cav4bY_rms vs run



yield_cav4cX_mean vs run

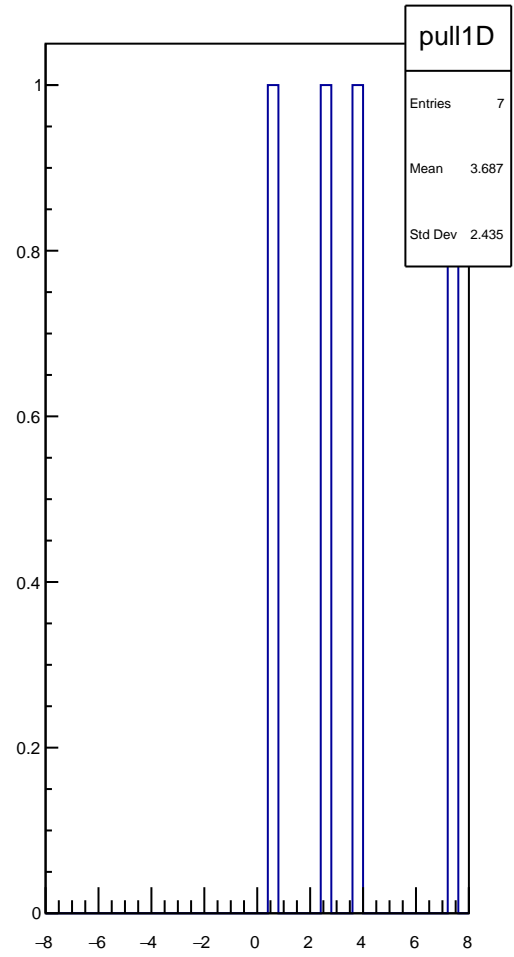
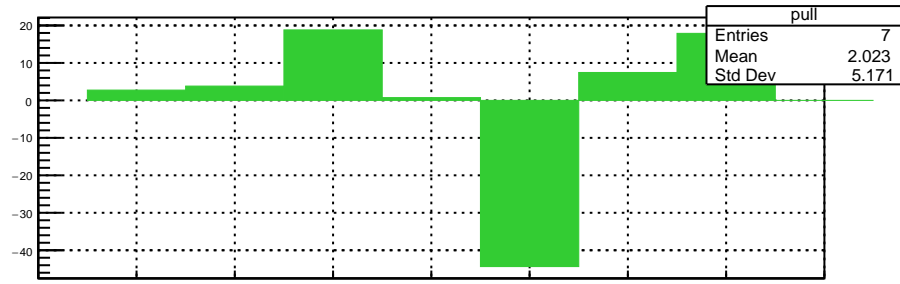
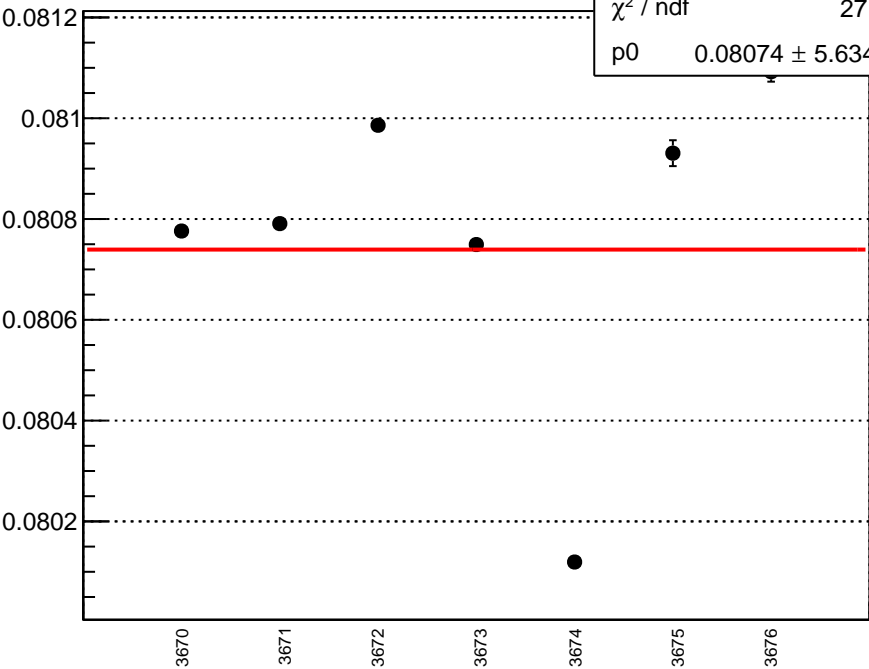


yield_cav4cX_rms vs run

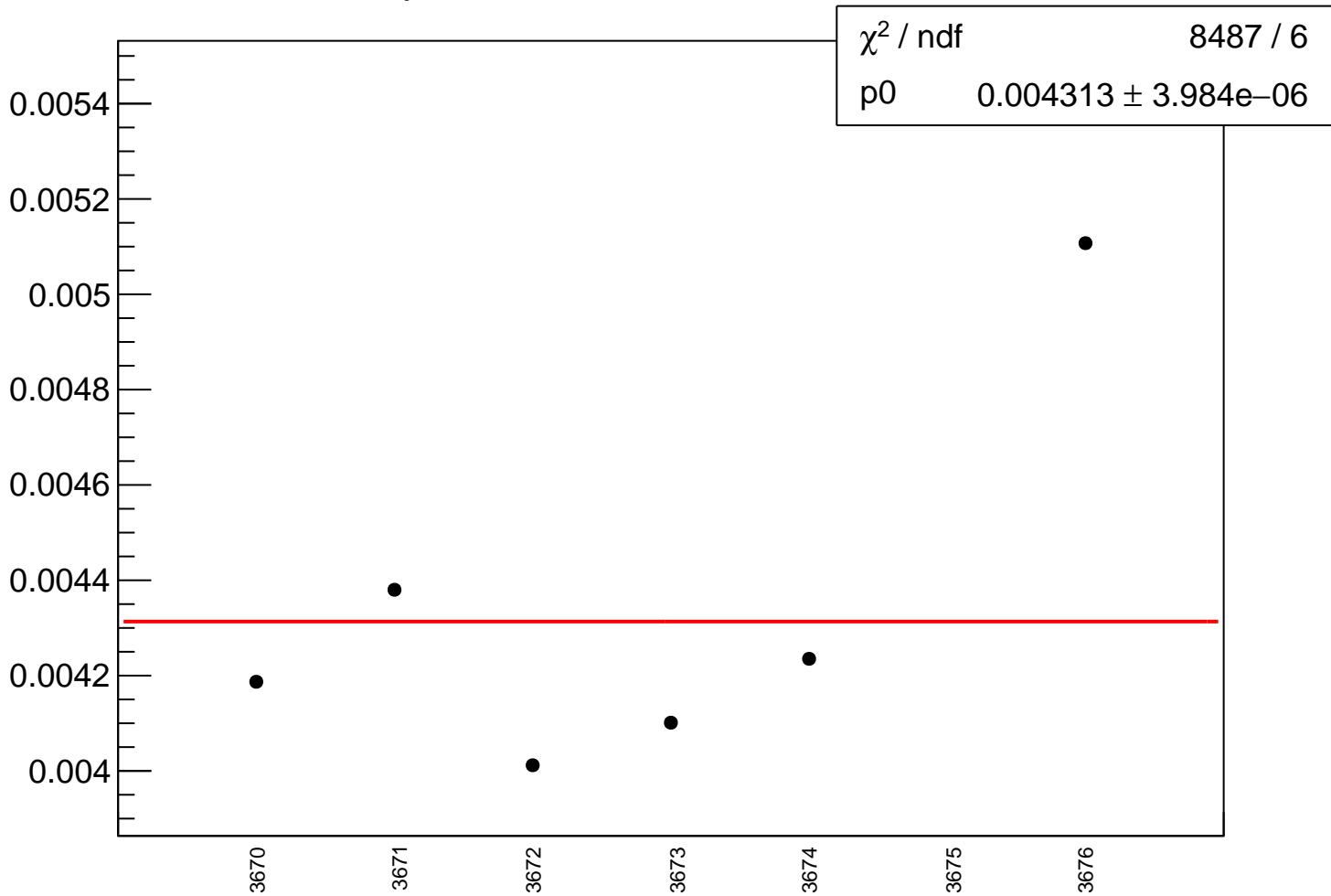


yield_cav4cY_mean vs run

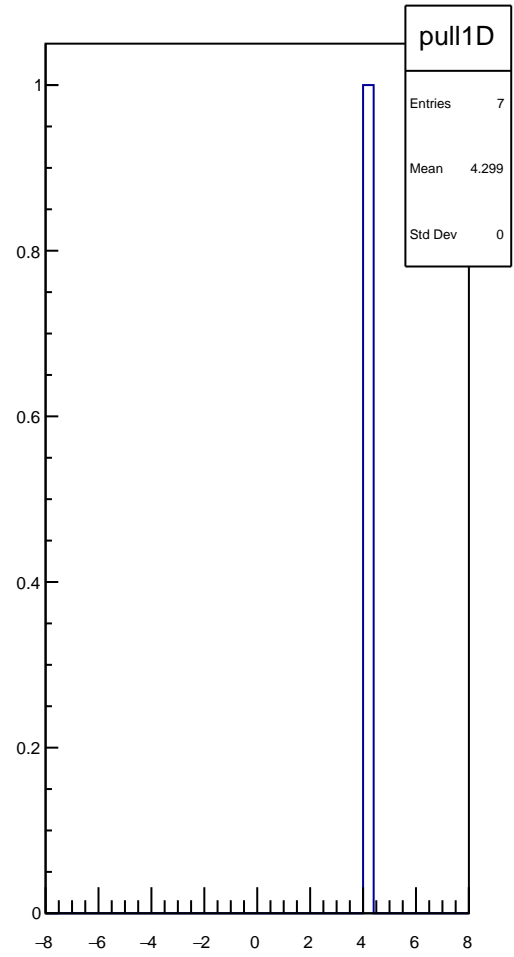
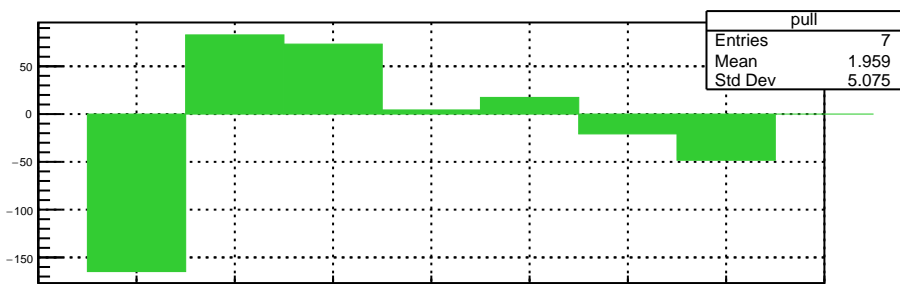
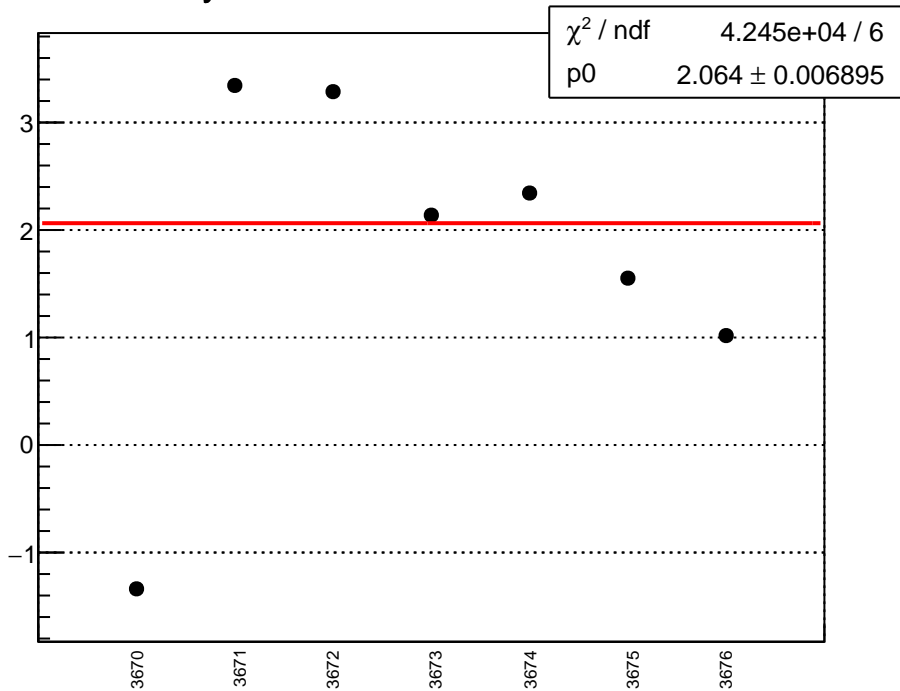
χ^2 / ndf	2719 / 6
p0	$0.08074 \pm 5.634e-06$



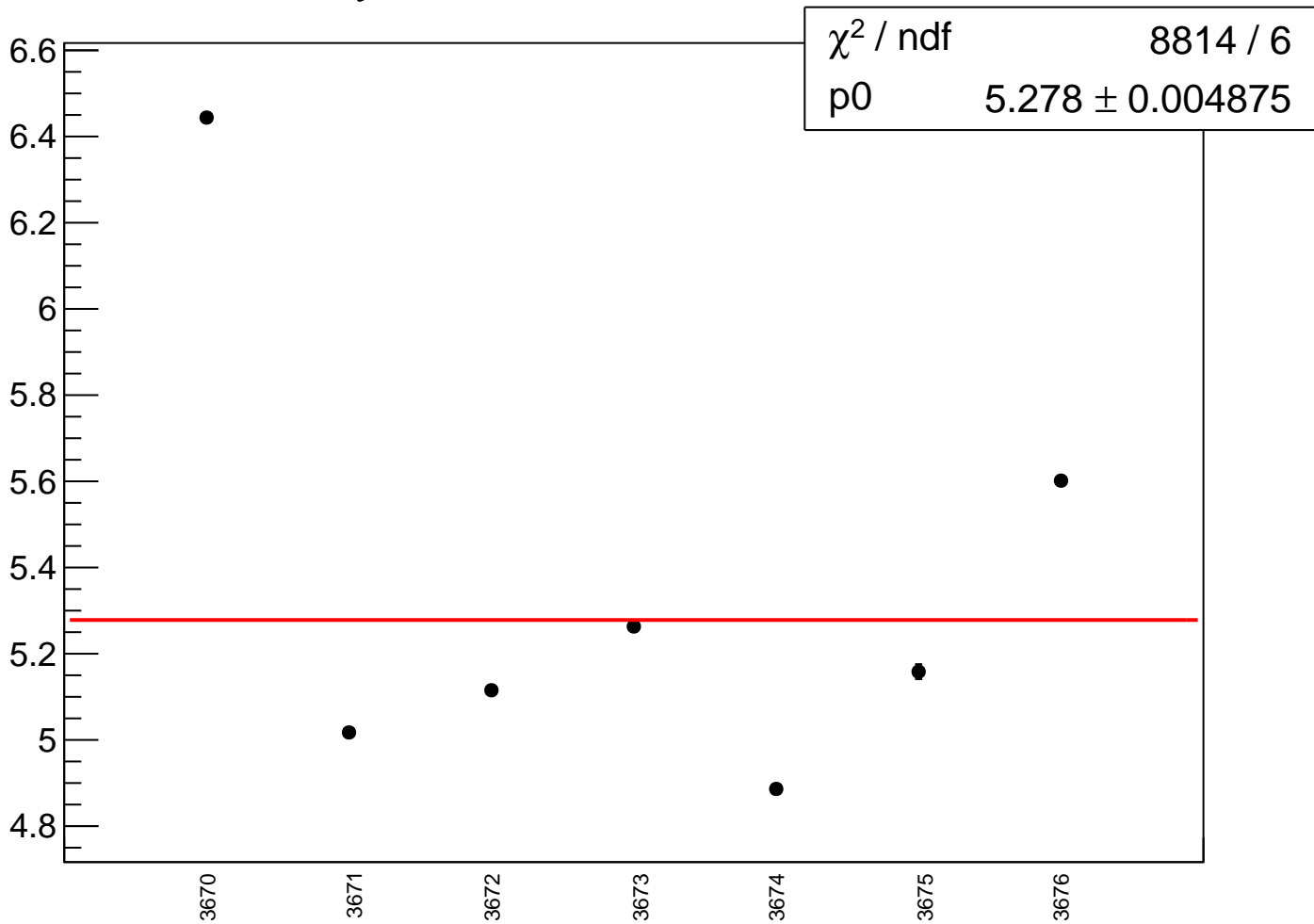
yield_cav4cY_rms vs run



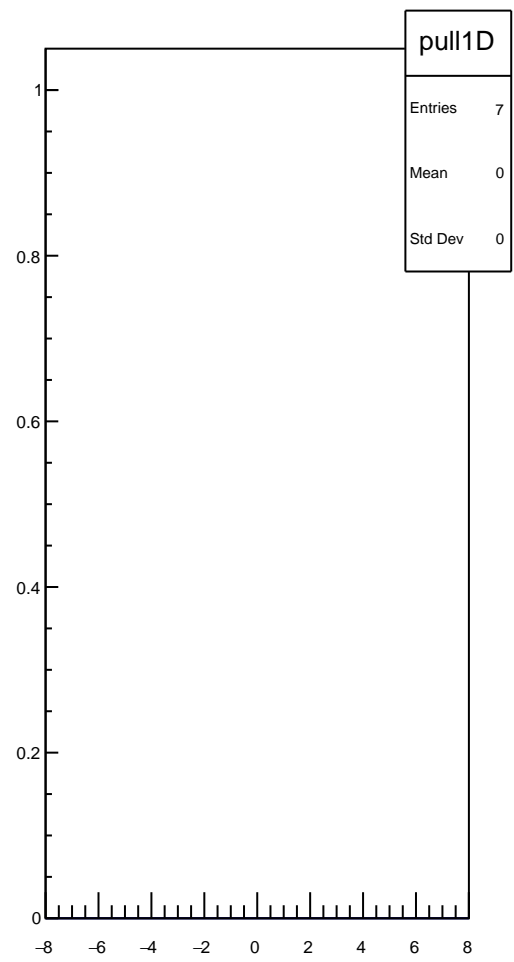
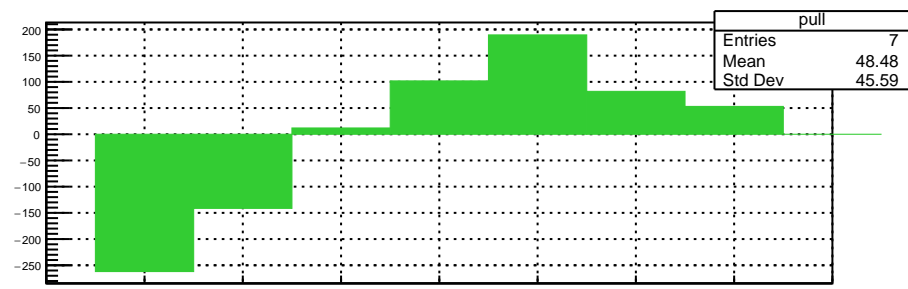
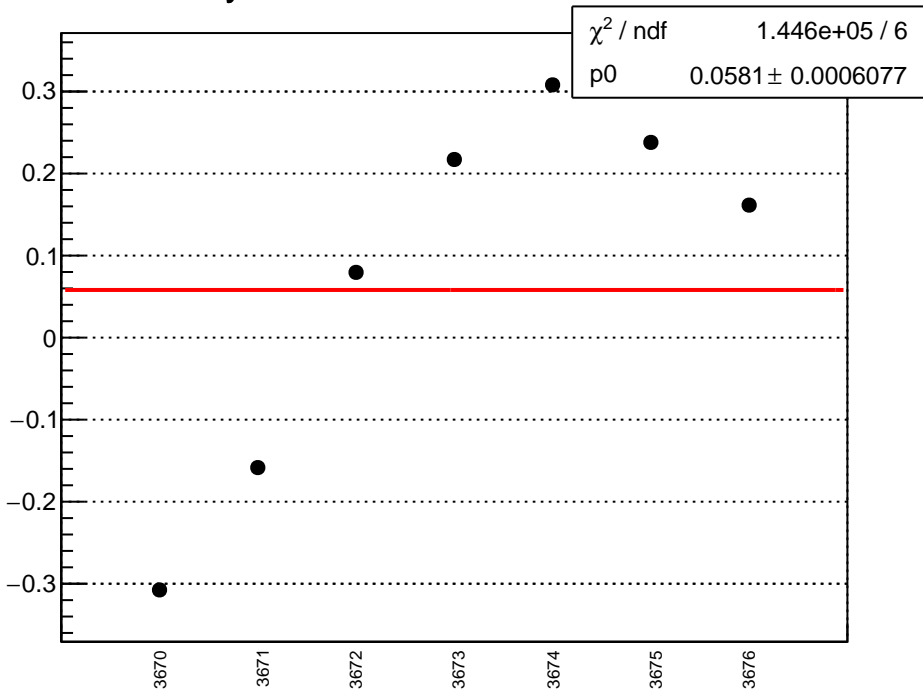
yield_cav4dX_mean vs run



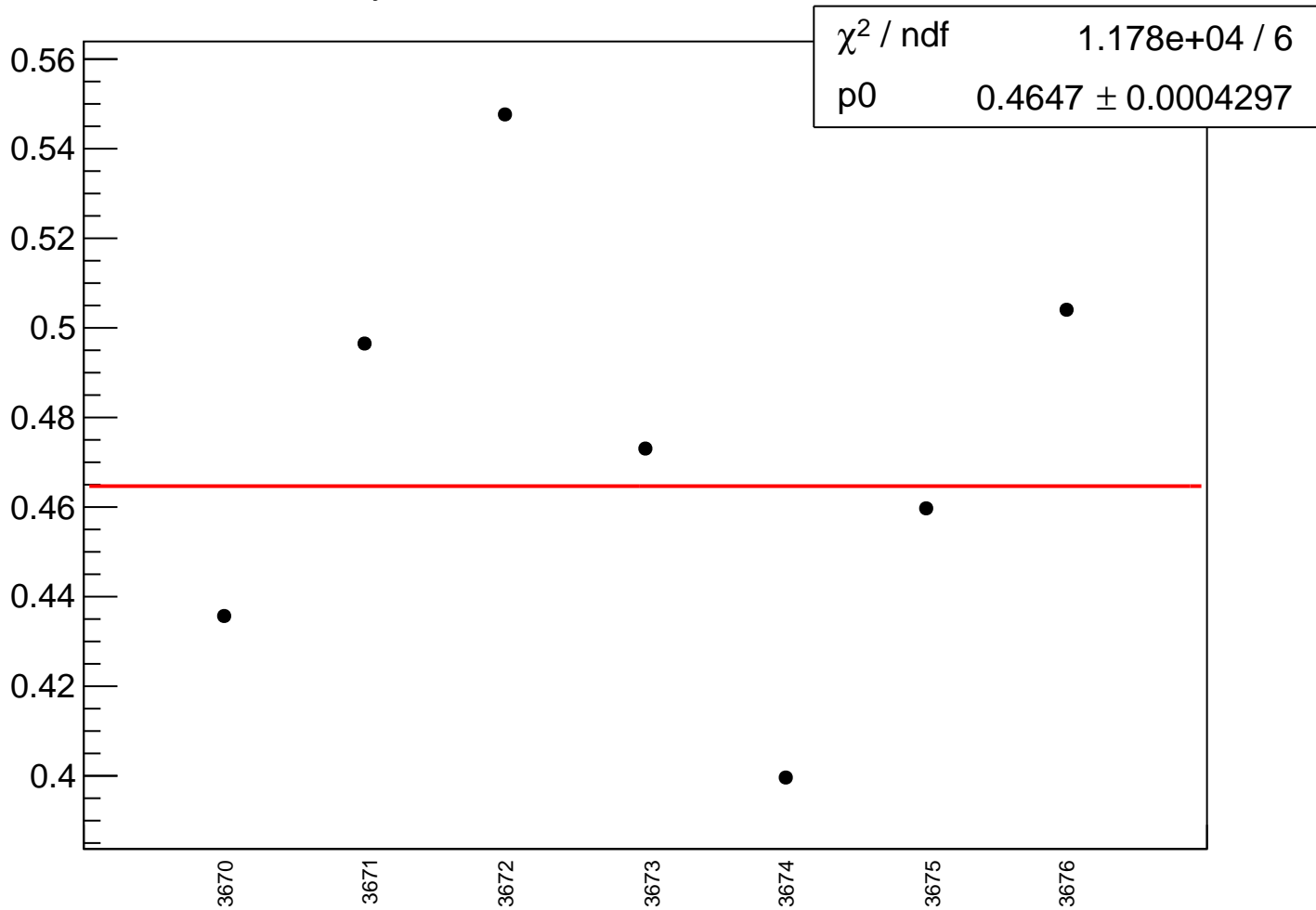
yield_cav4dX_rms vs run



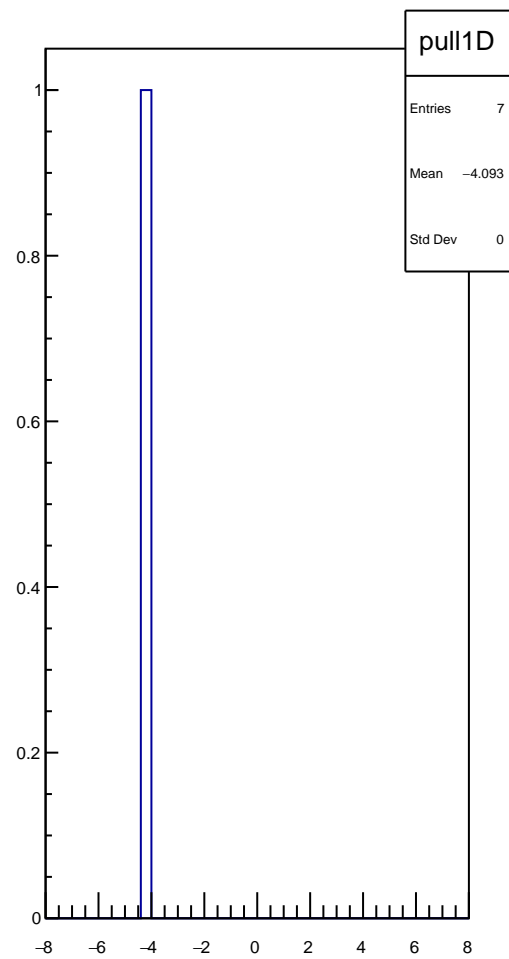
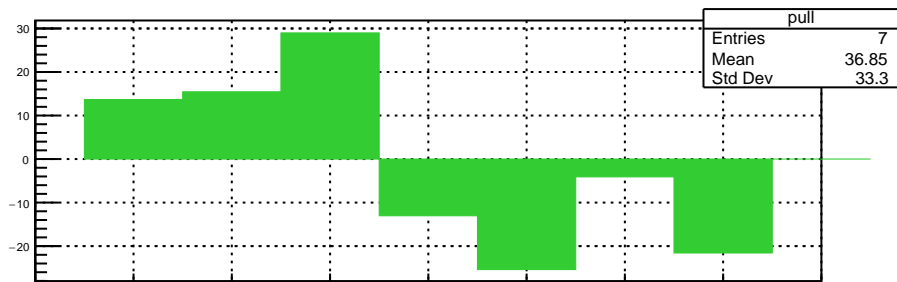
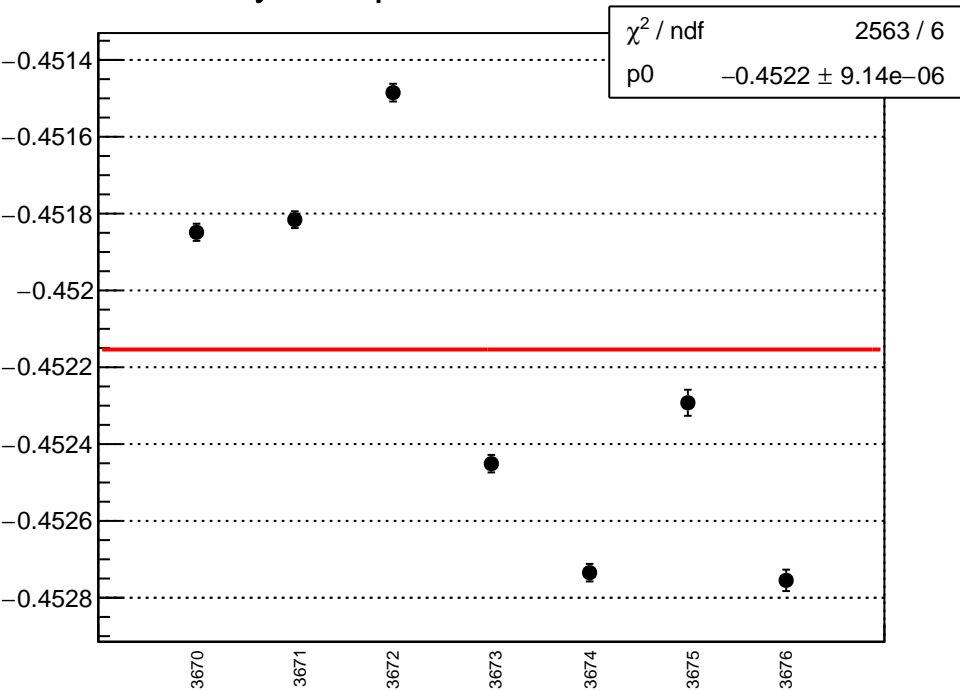
yield_cav4dY_mean vs run



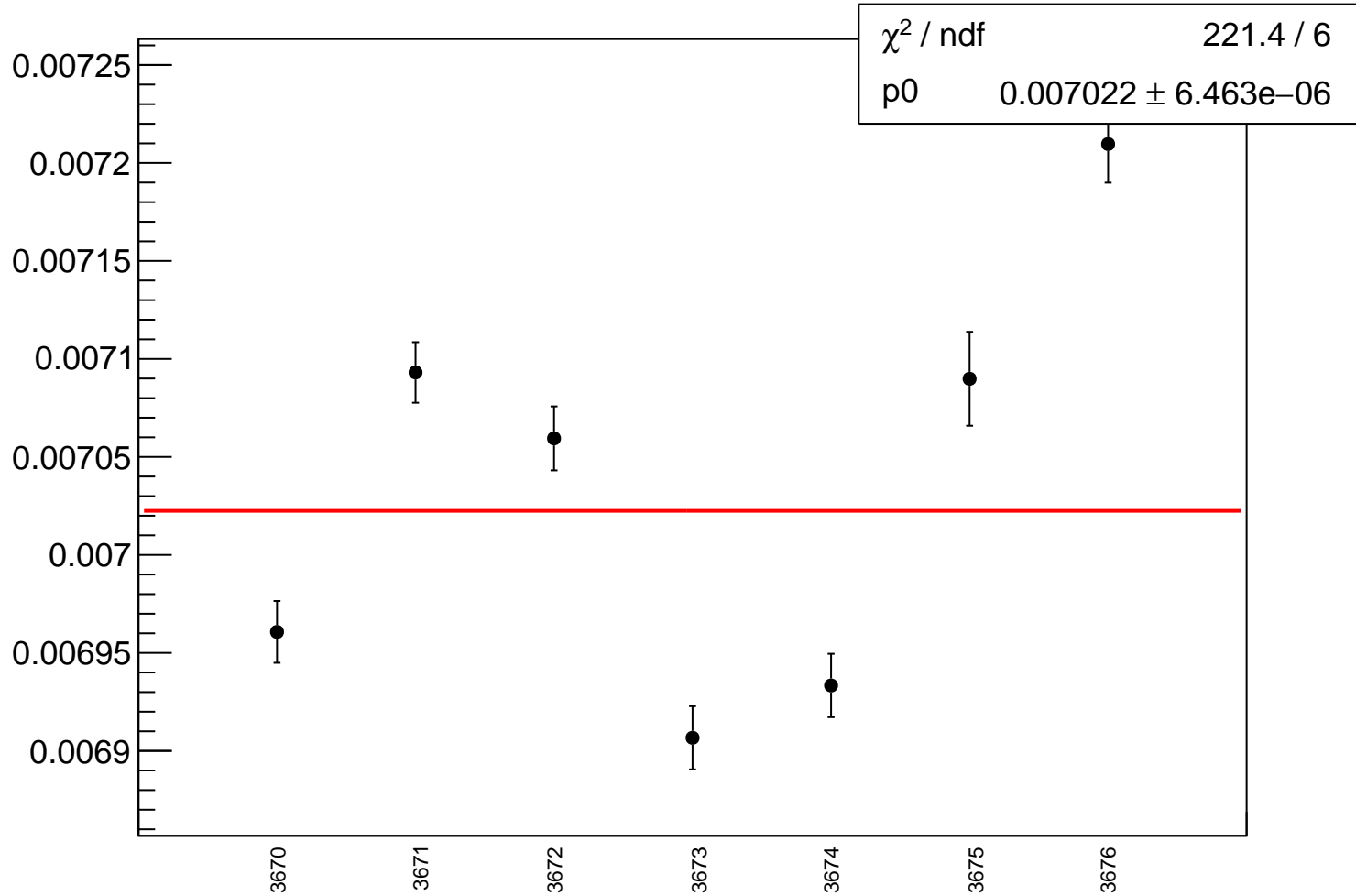
yield_cav4dY_rms vs run



yield_bpm4aX_mean vs run

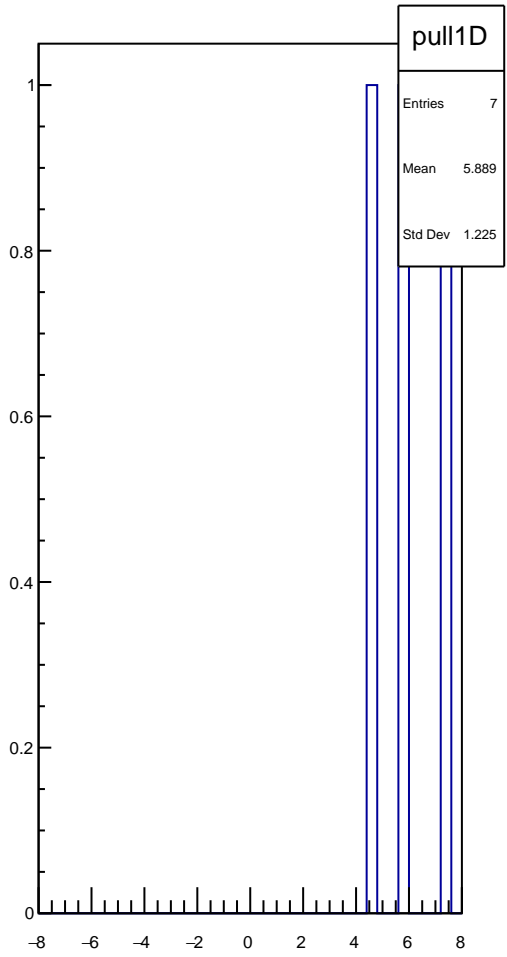
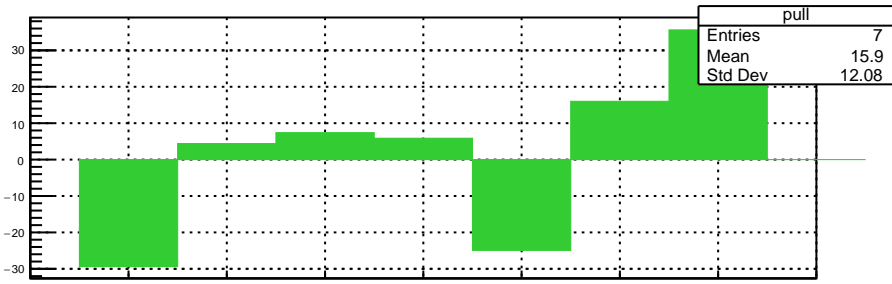
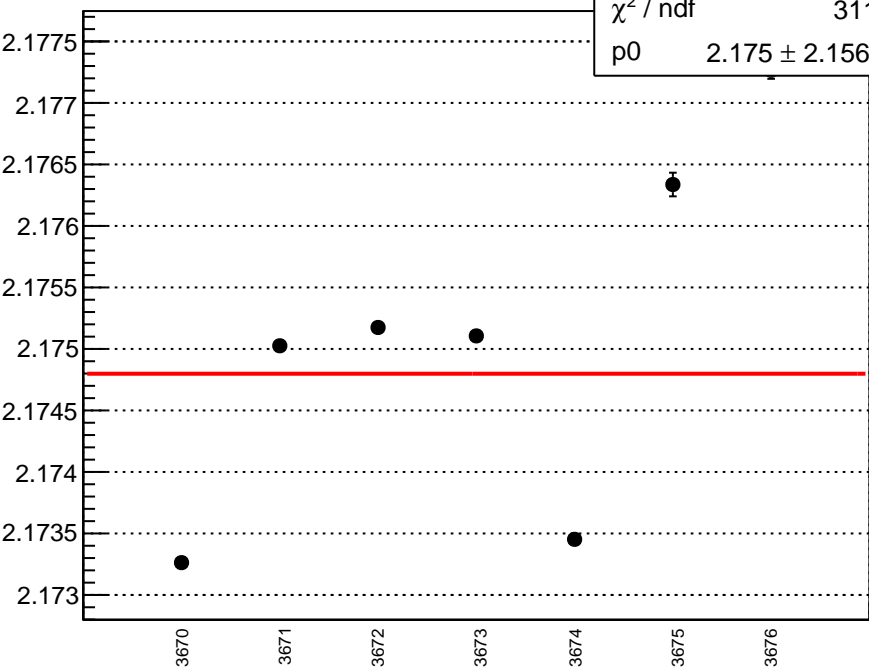


yield_bpm4aX_rms vs run



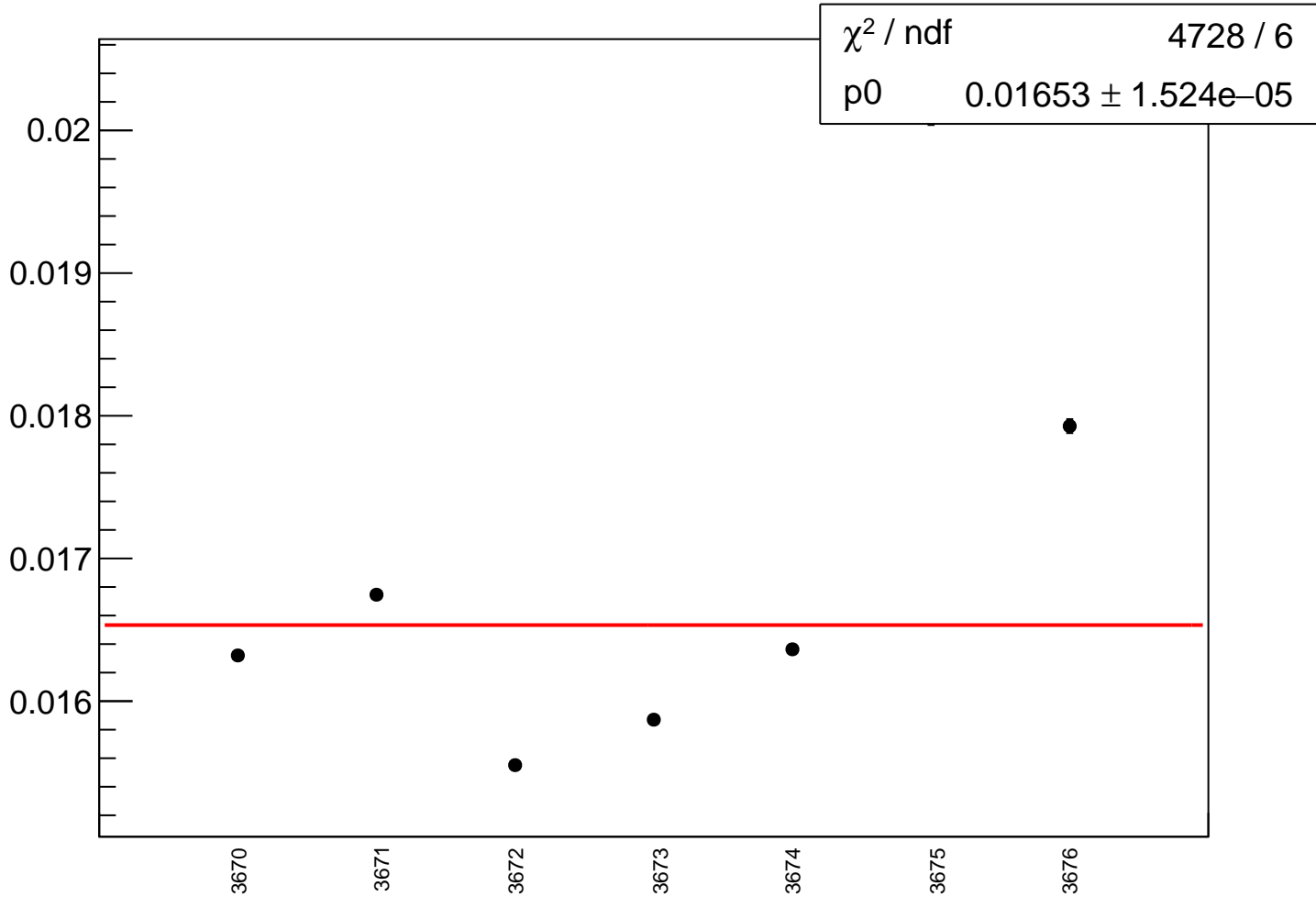
yield_bpm4aY_mean vs run

χ^2 / ndf 3118 / 6
 p0 $2.175 \pm 2.156\text{e-}05$

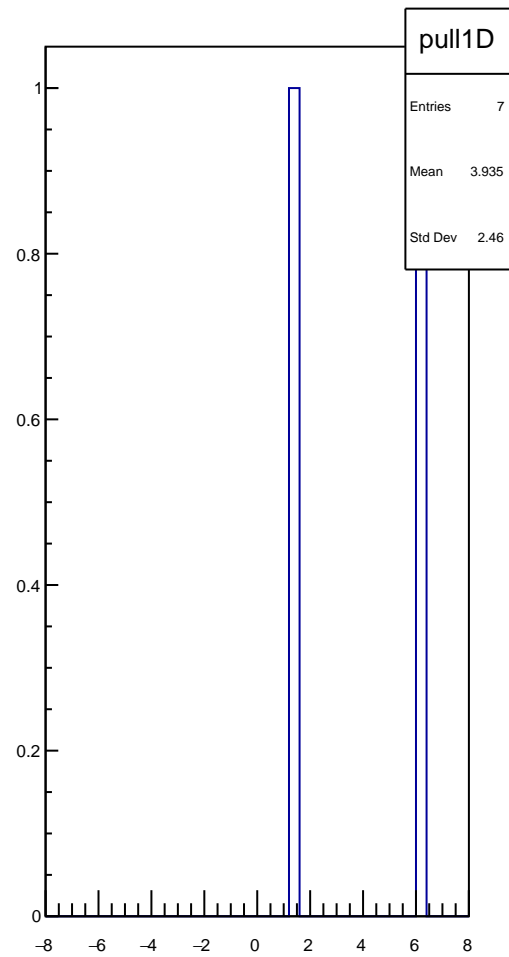
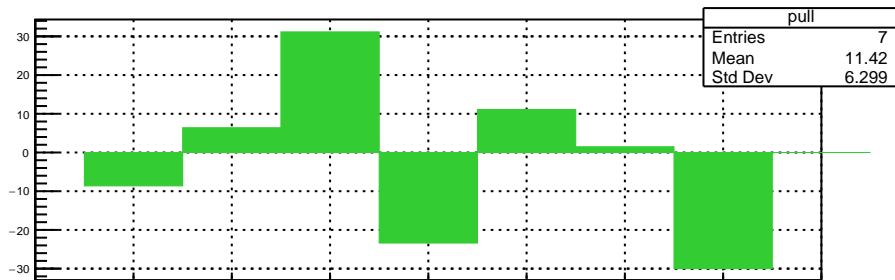
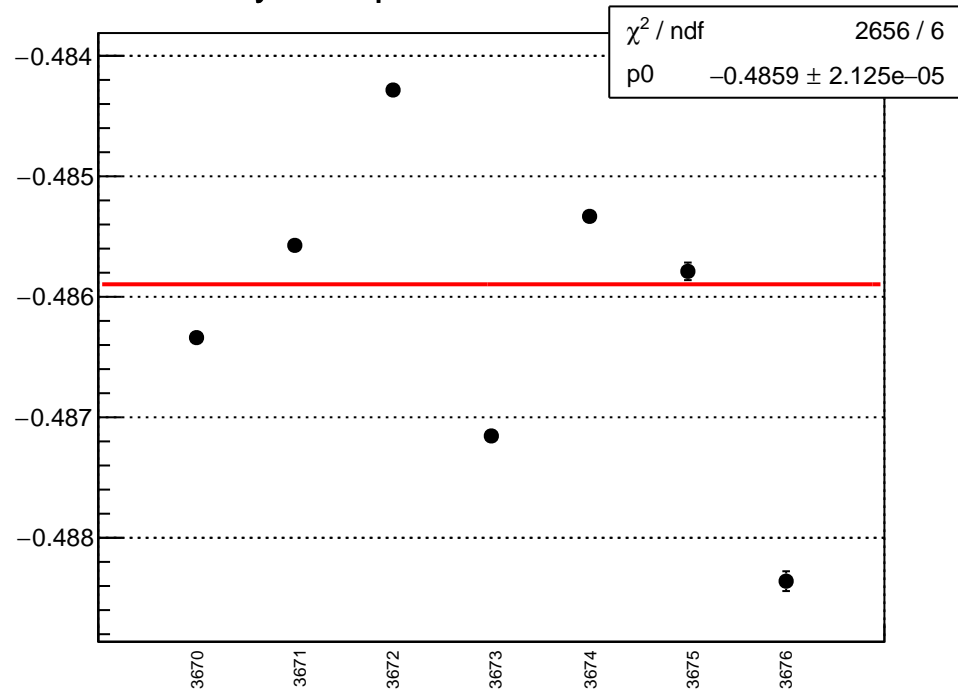


pull1D
 Entries 7
 Mean 5.889
 Std Dev 1.225

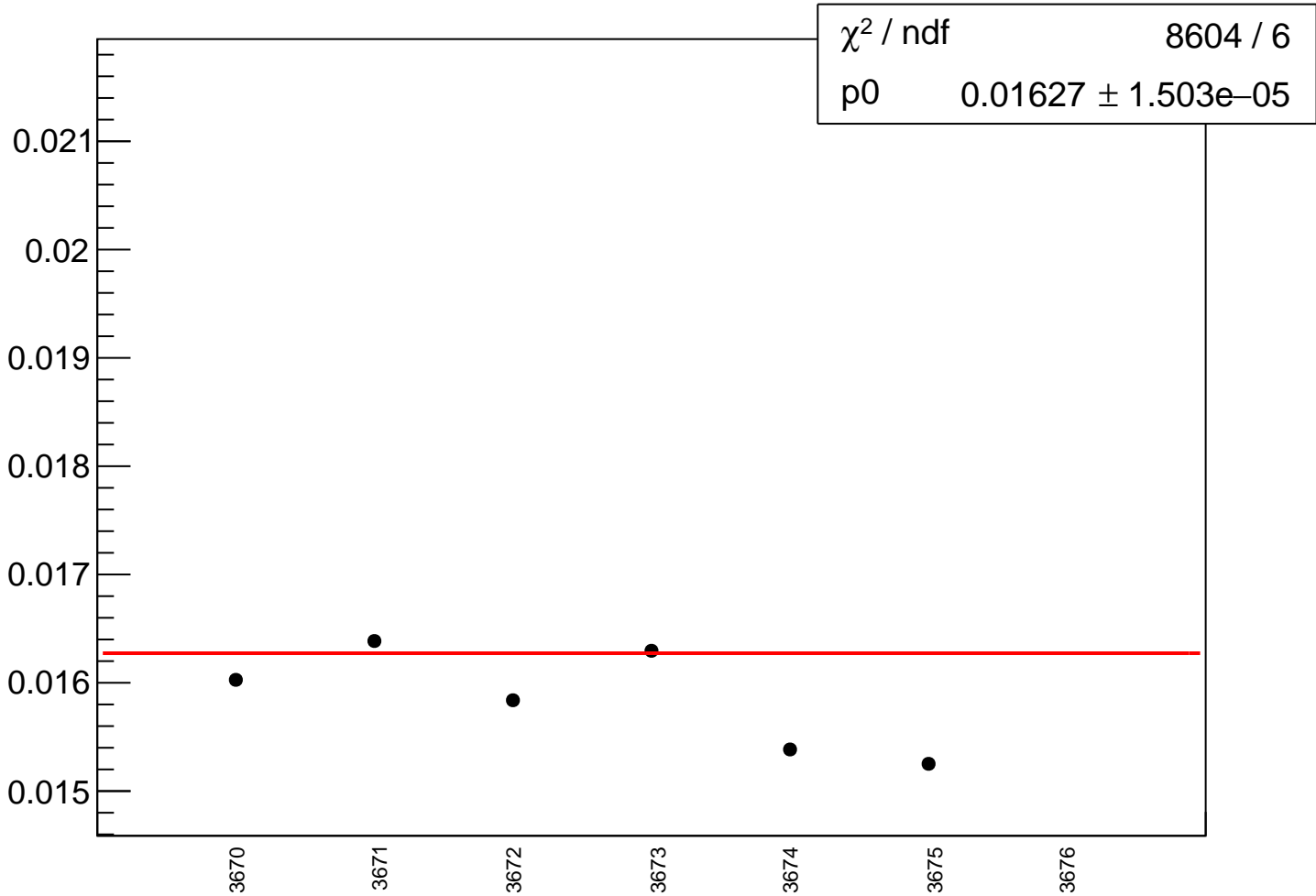
yield_bpm4aY_rms vs run



yield_bpm4eX_mean vs run

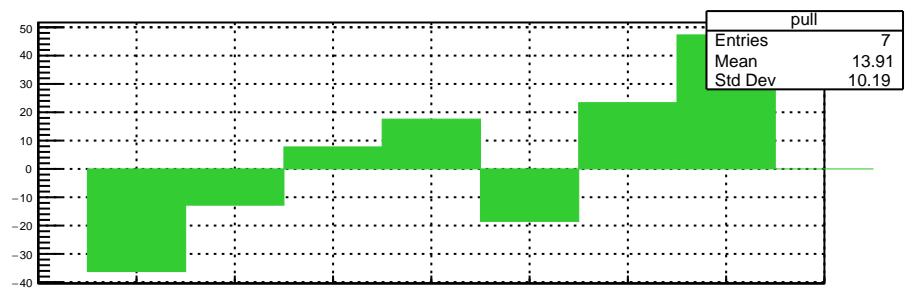
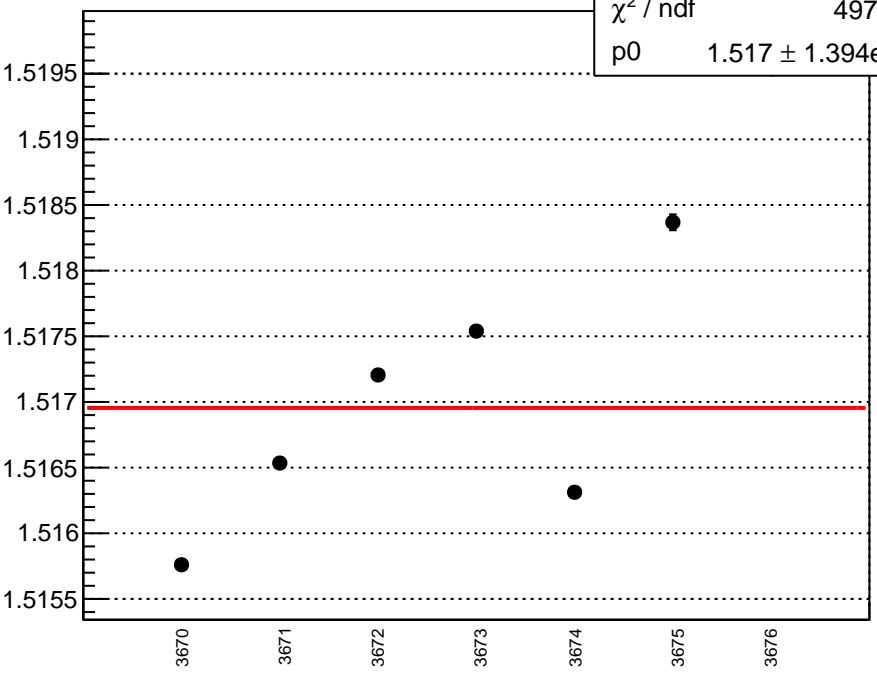


yield_bpm4eX_rms vs run

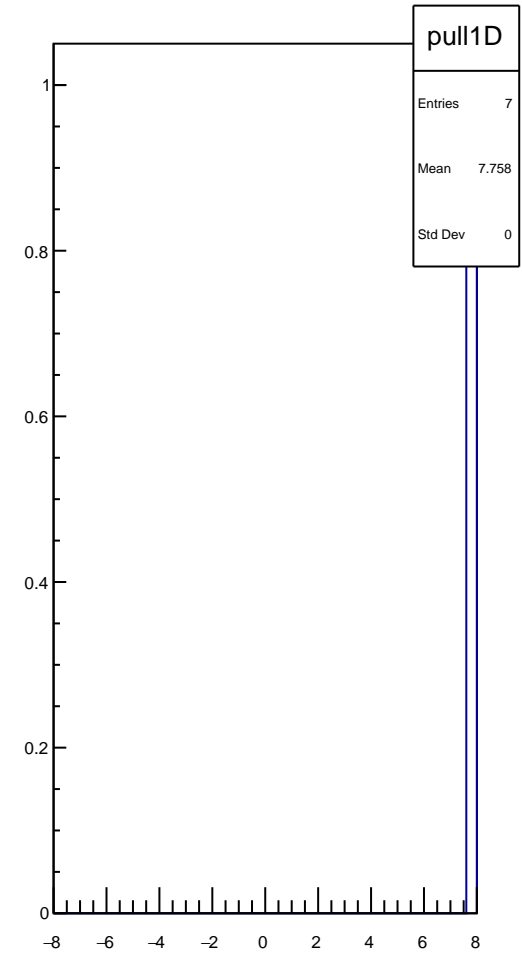


yield_bpm4eY_mean vs run

χ^2 / ndf 4973 / 6
 p0 $1.517 \pm 1.394\text{e-}05$

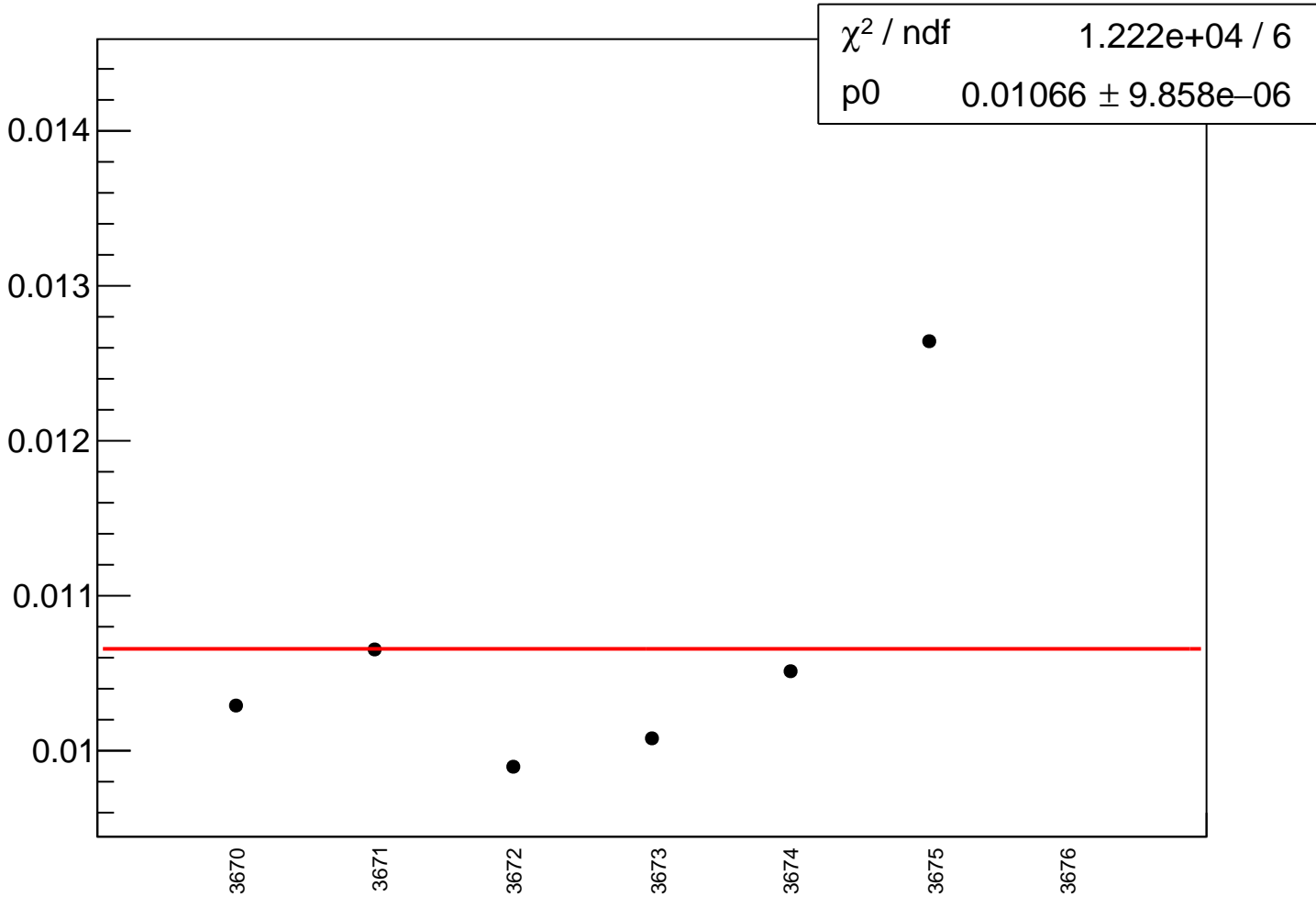


pull
 Entries 7
 Mean 13.91
 Std Dev 10.19

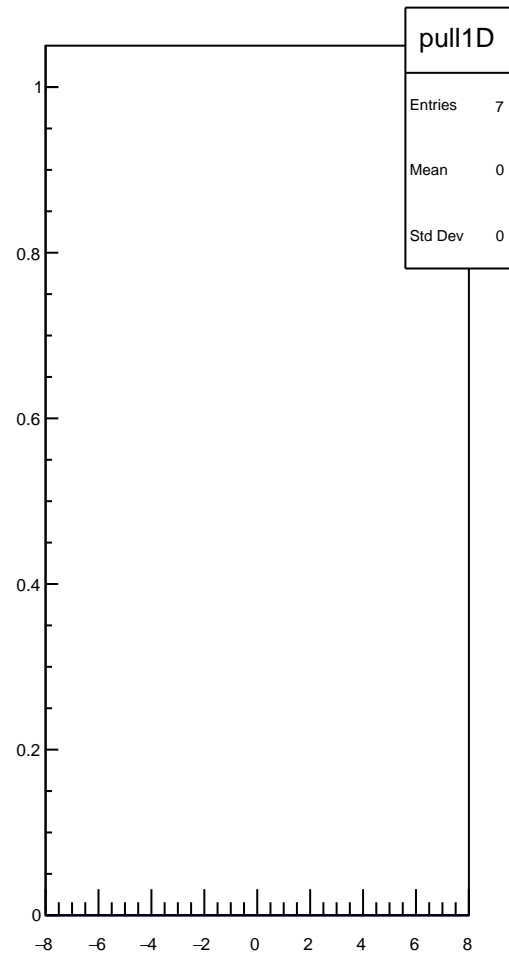
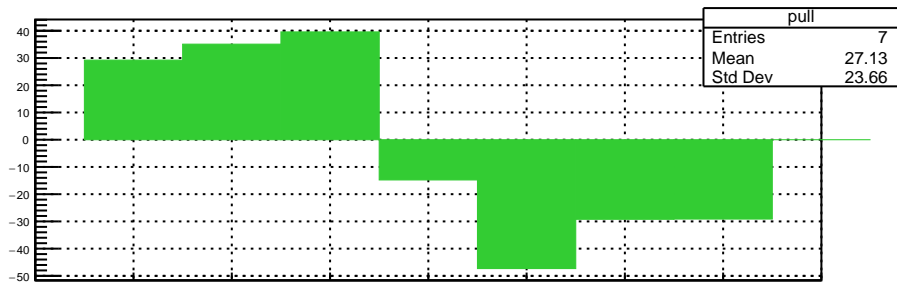
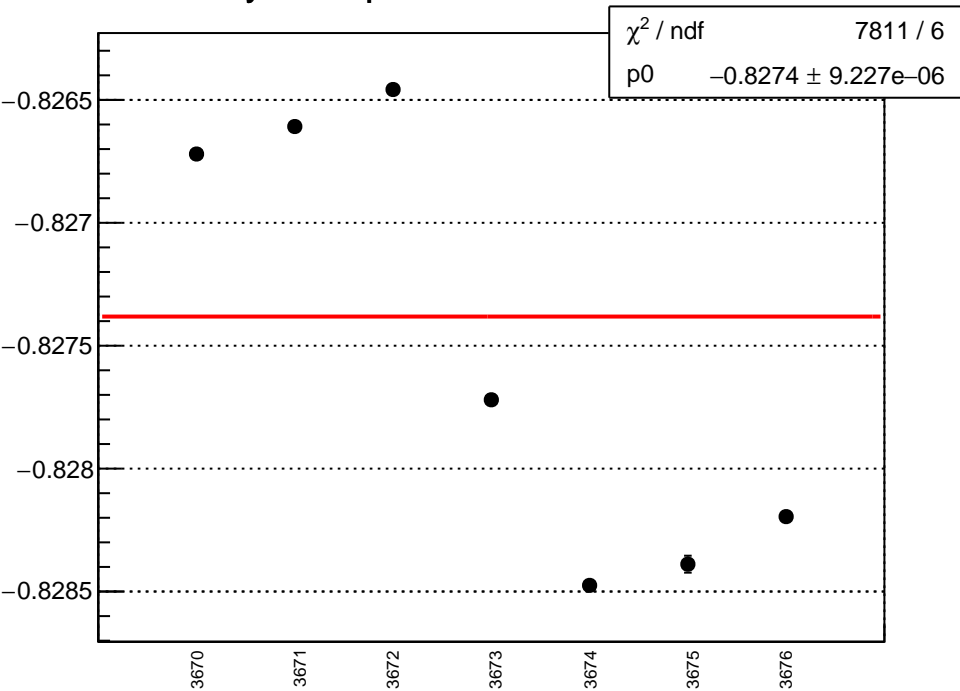


pull1D
 Entries 7
 Mean 7.758
 Std Dev 0

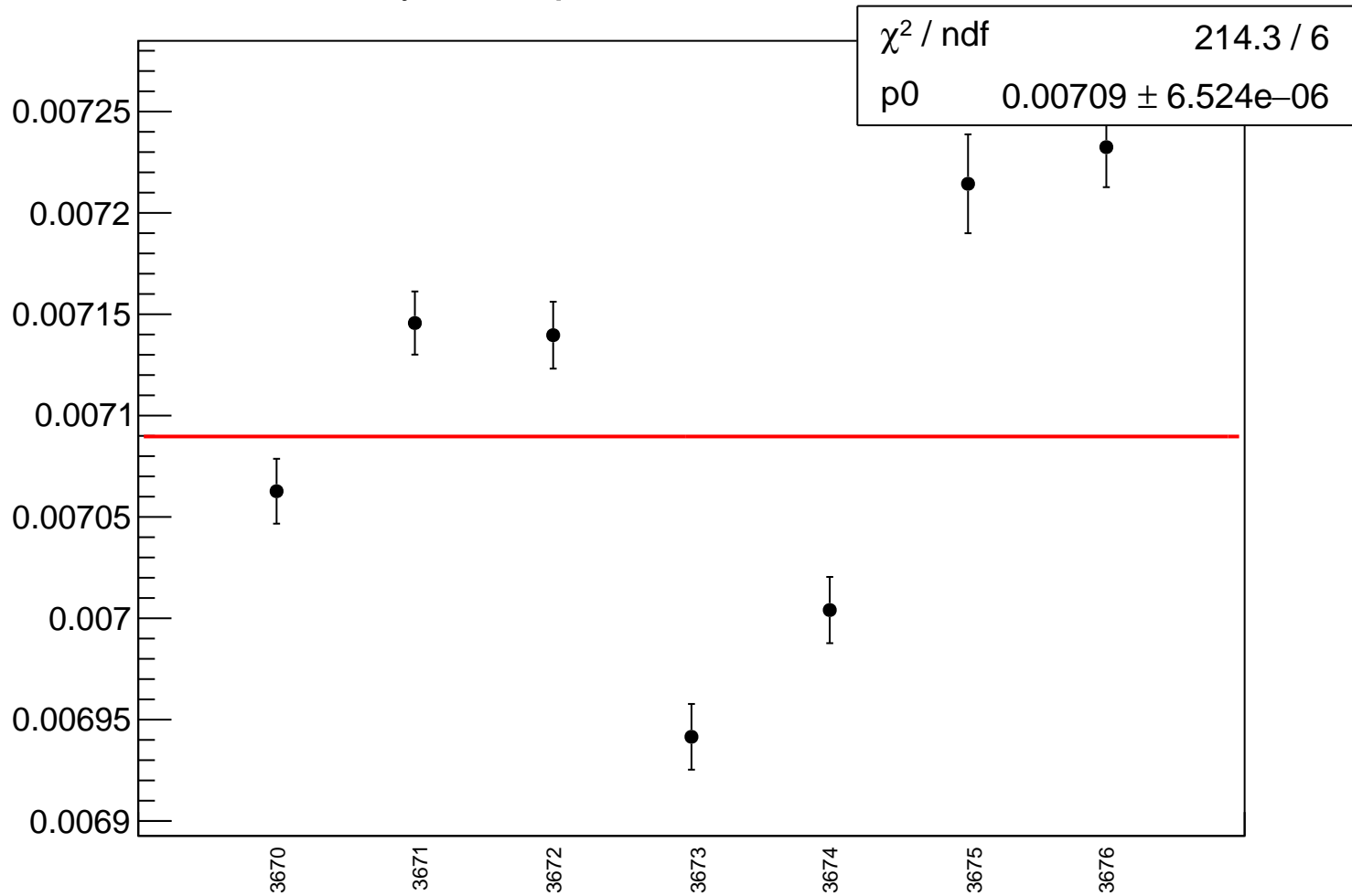
yield_bpm4eY_rms vs run



yield_bpm4acX_mean vs run

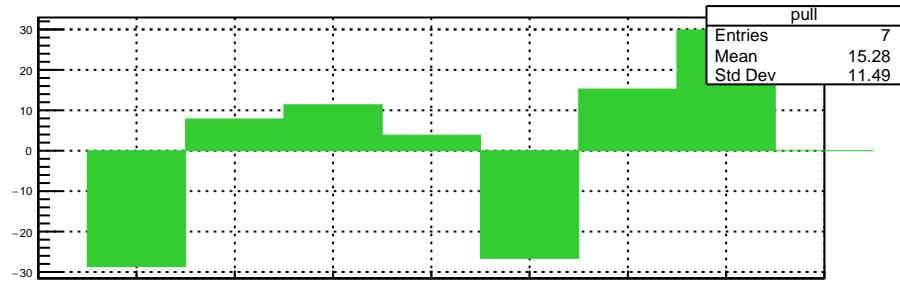
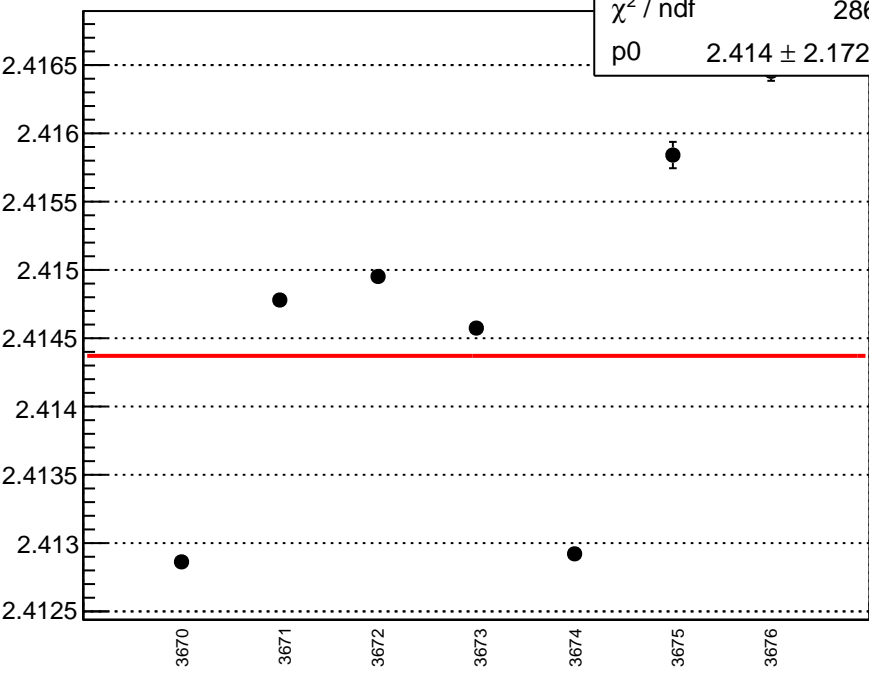


yield_bpm4acX_rms vs run

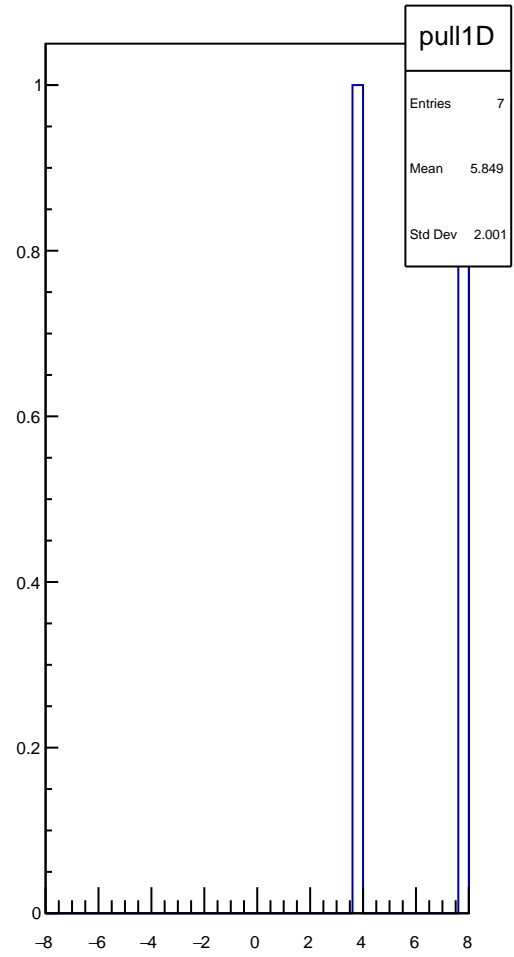


yield_bpm4acY_mean vs run

χ^2 / ndf 2860 / 6
p0 $2.414 \pm 2.172\text{e-}05$

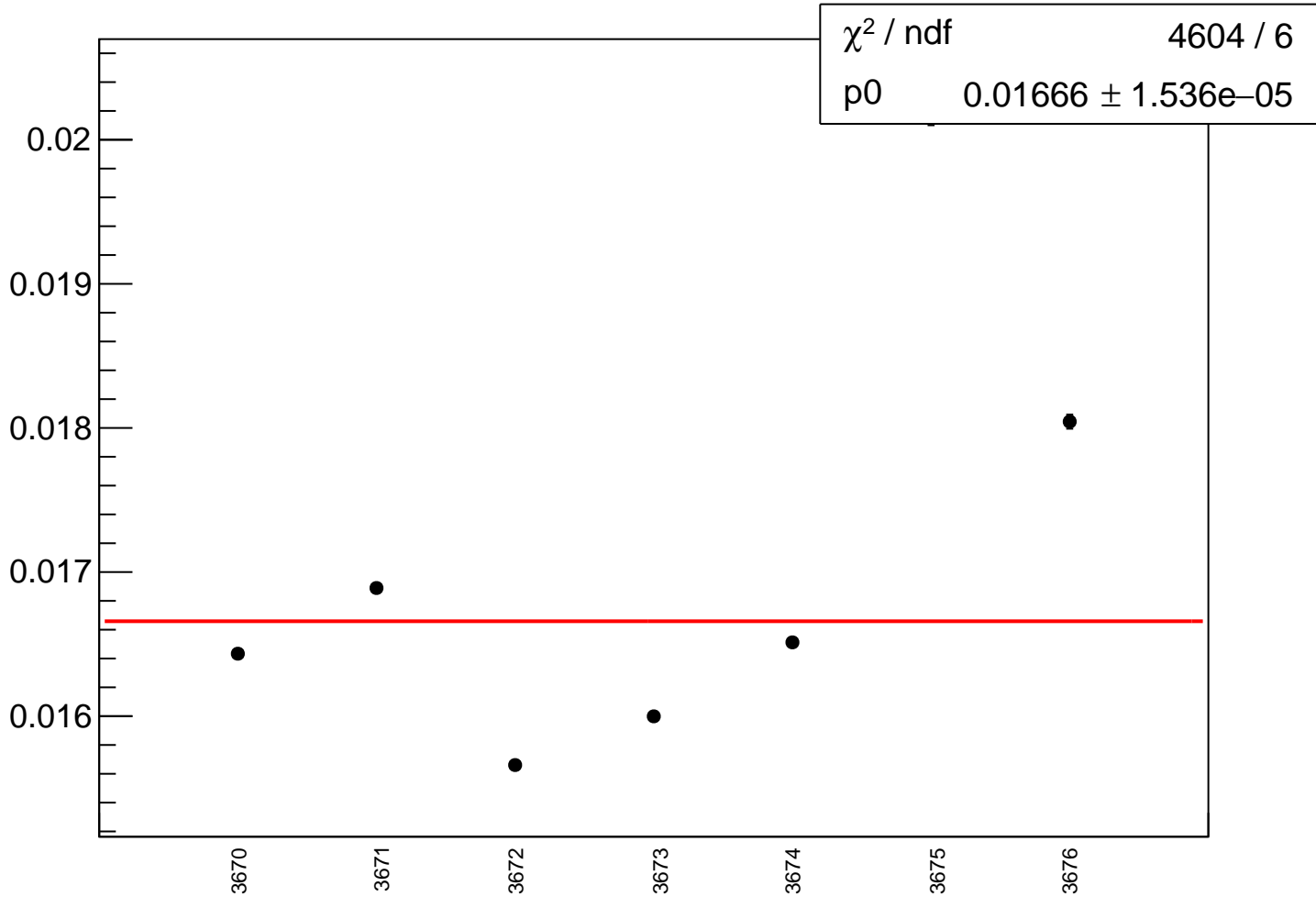


pull
Entries 7
Mean 15.28
Std Dev 11.49

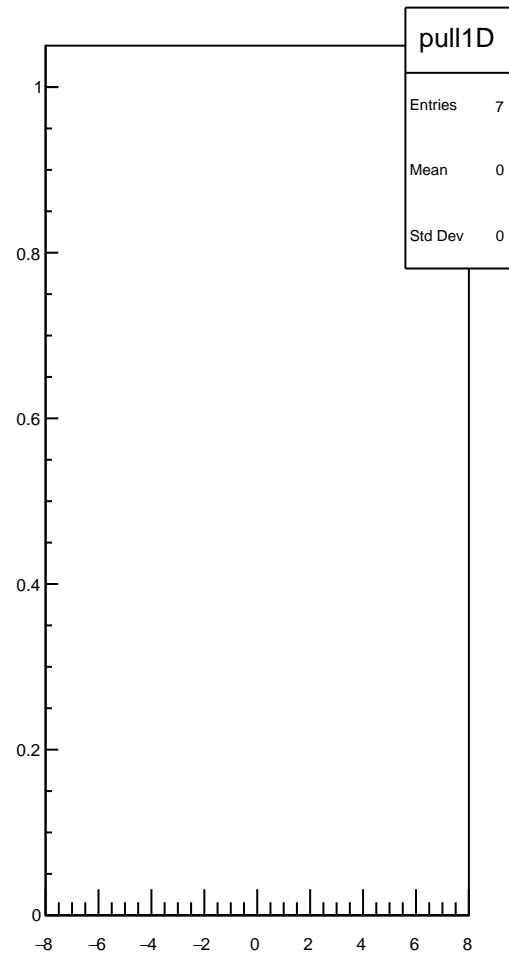
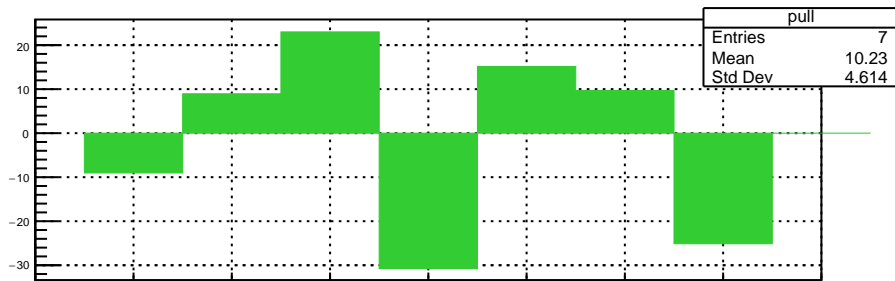
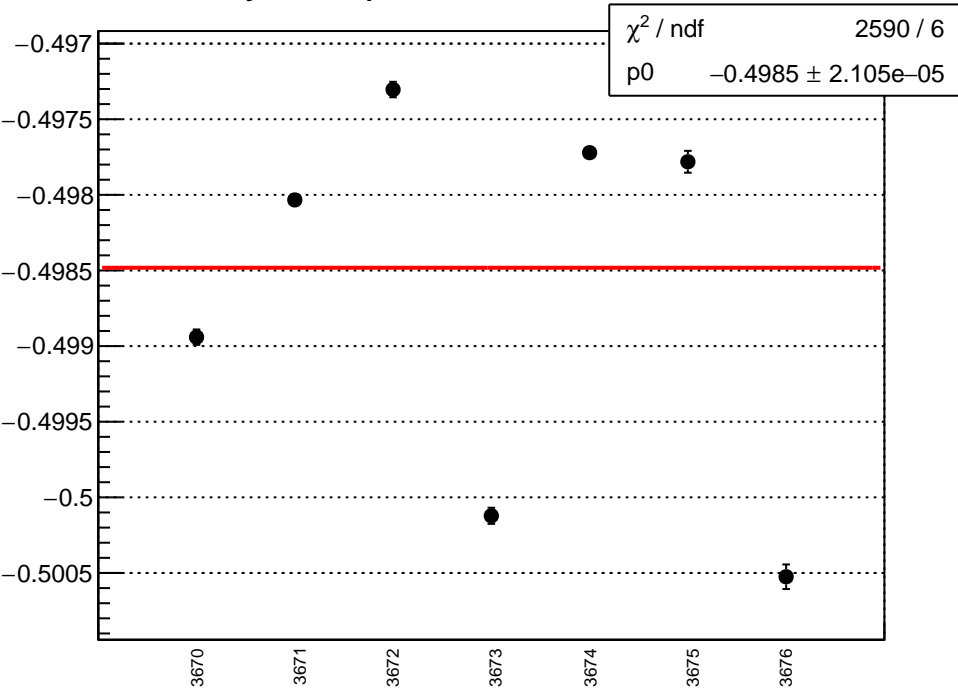


pull1D
Entries 7
Mean 5.849
Std Dev 2.001

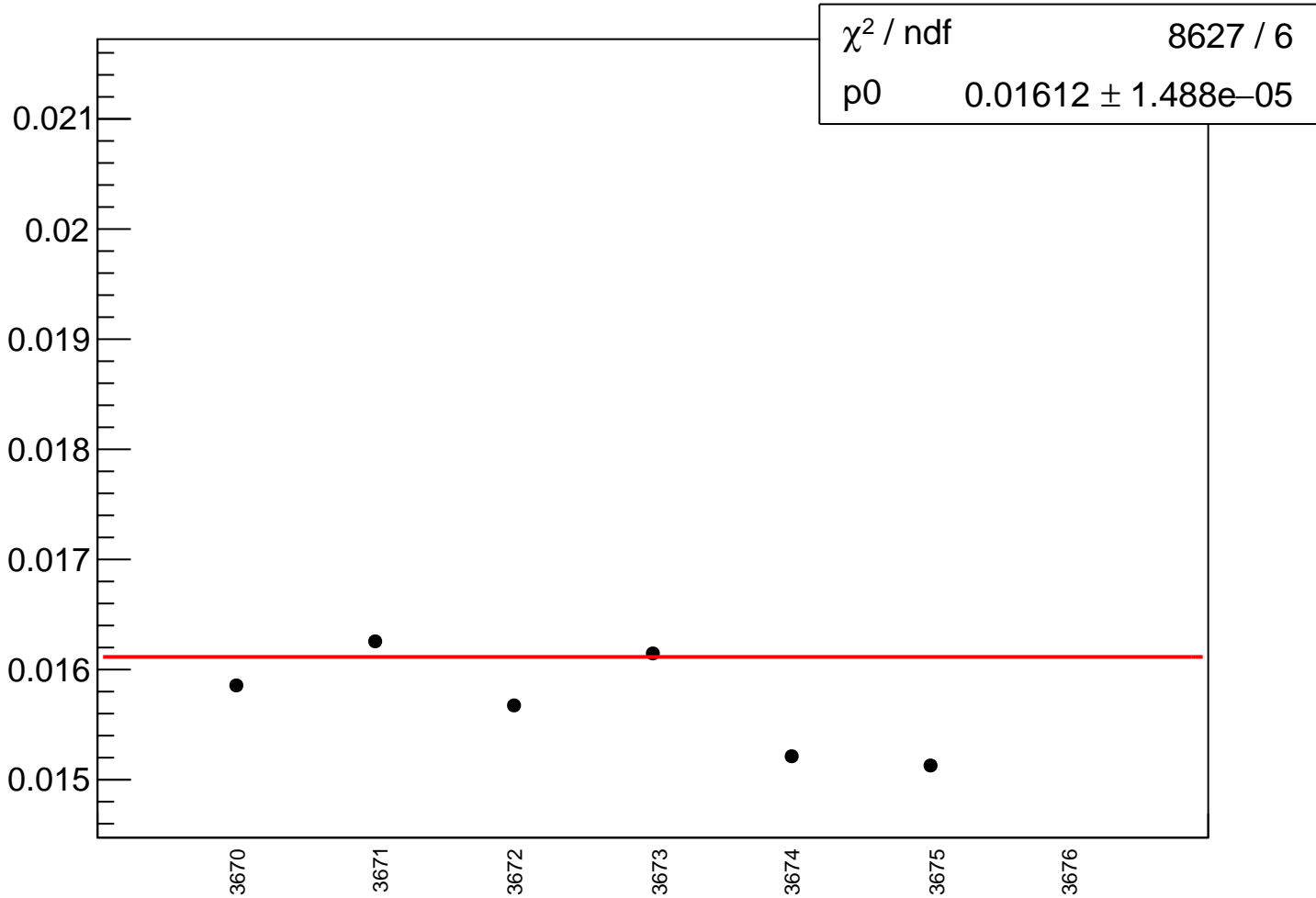
yield_bpm4acY_rms vs run



yield_bpm4ecX_mean vs run

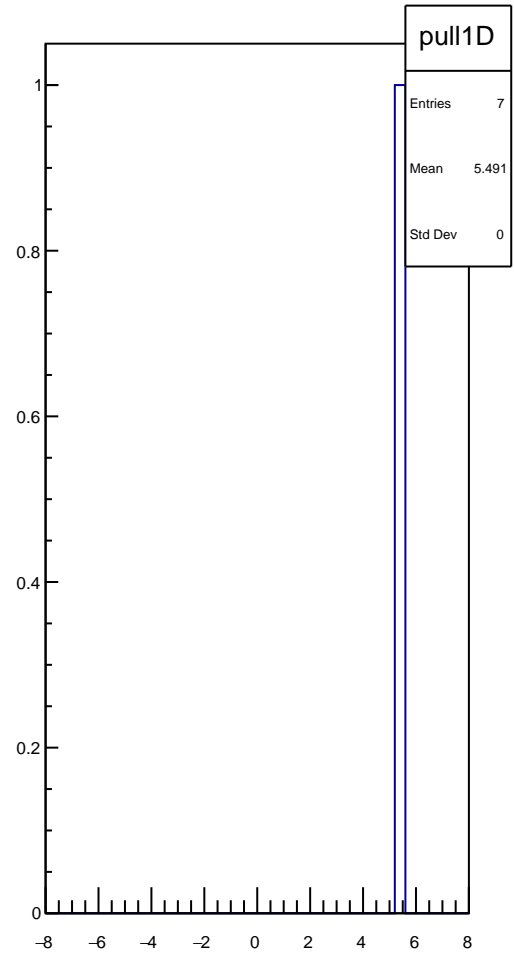
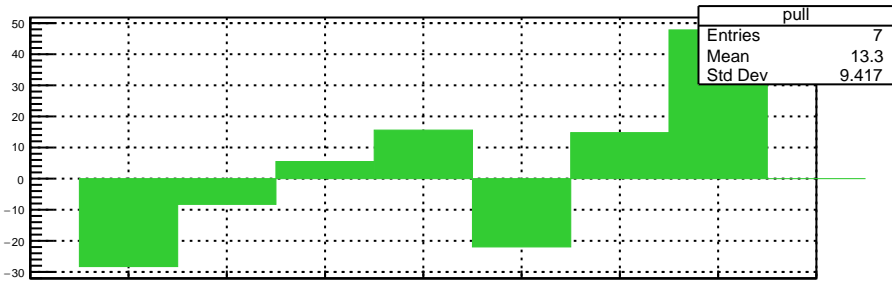
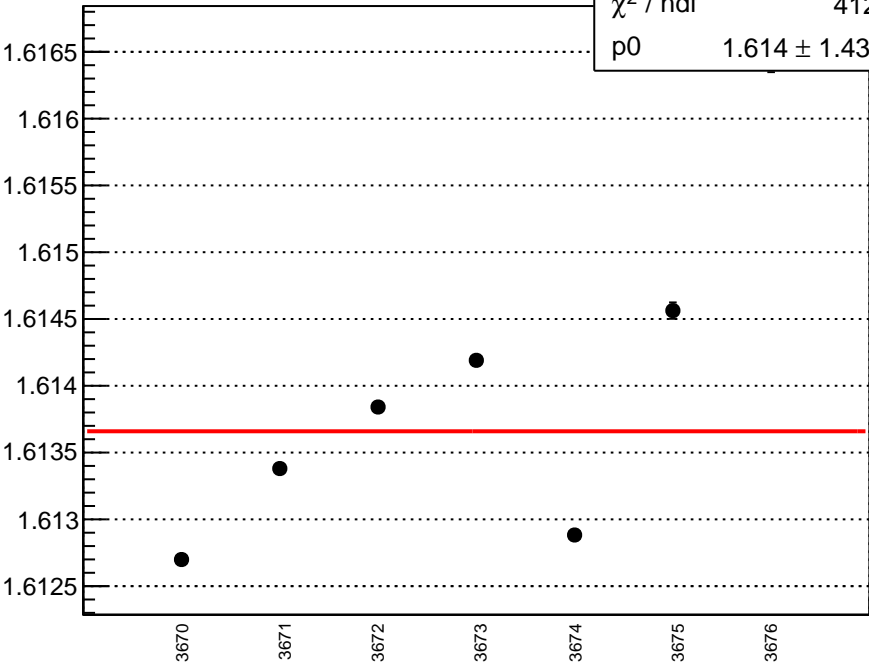


yield_bpm4ecX_rms vs run

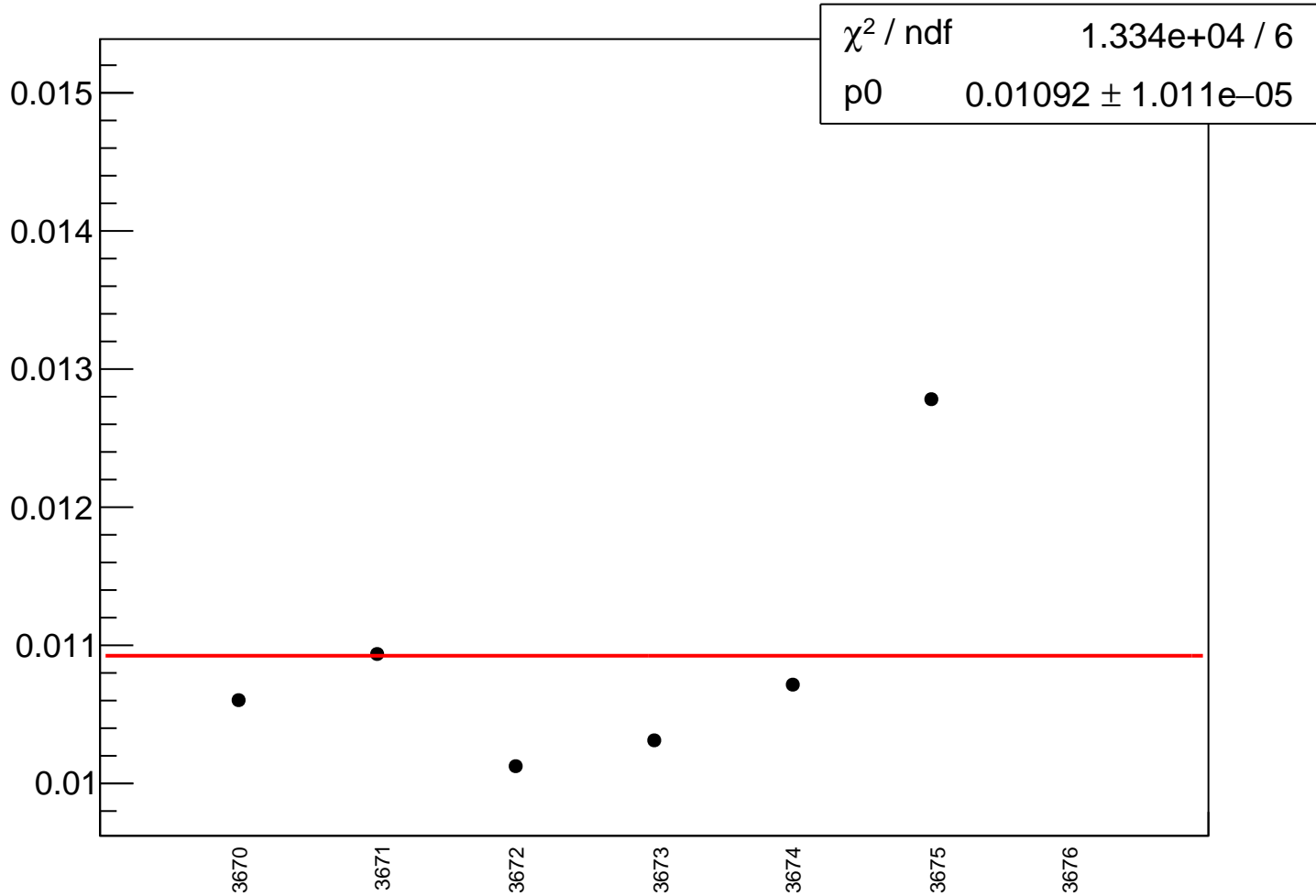


yield_bpm4ecY_mean vs run

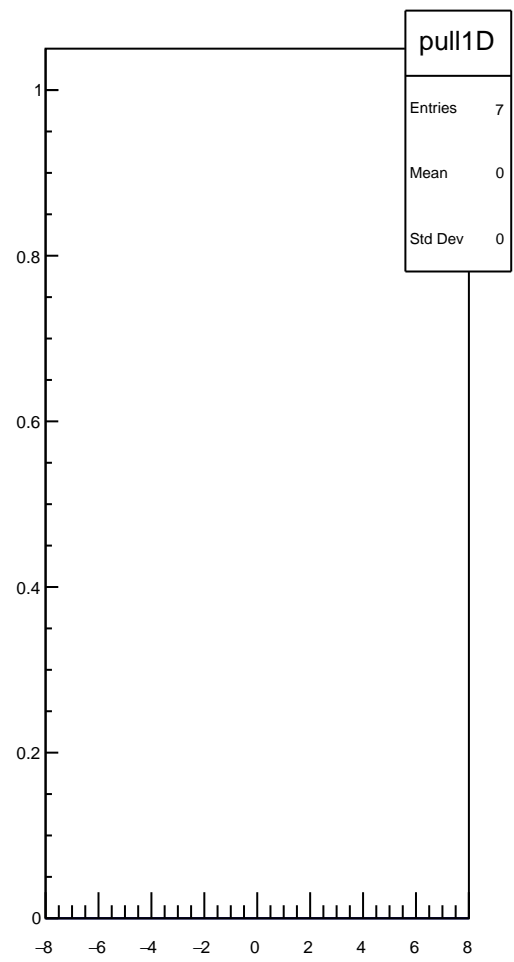
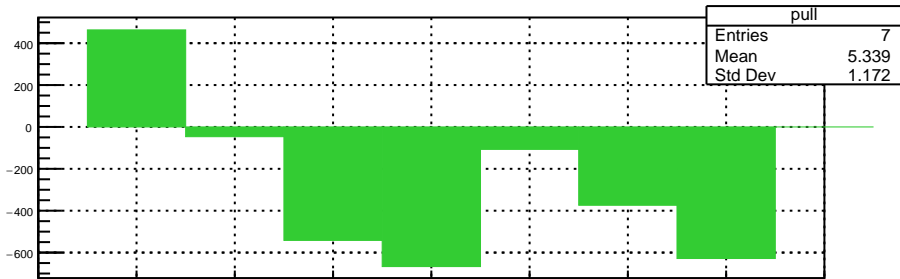
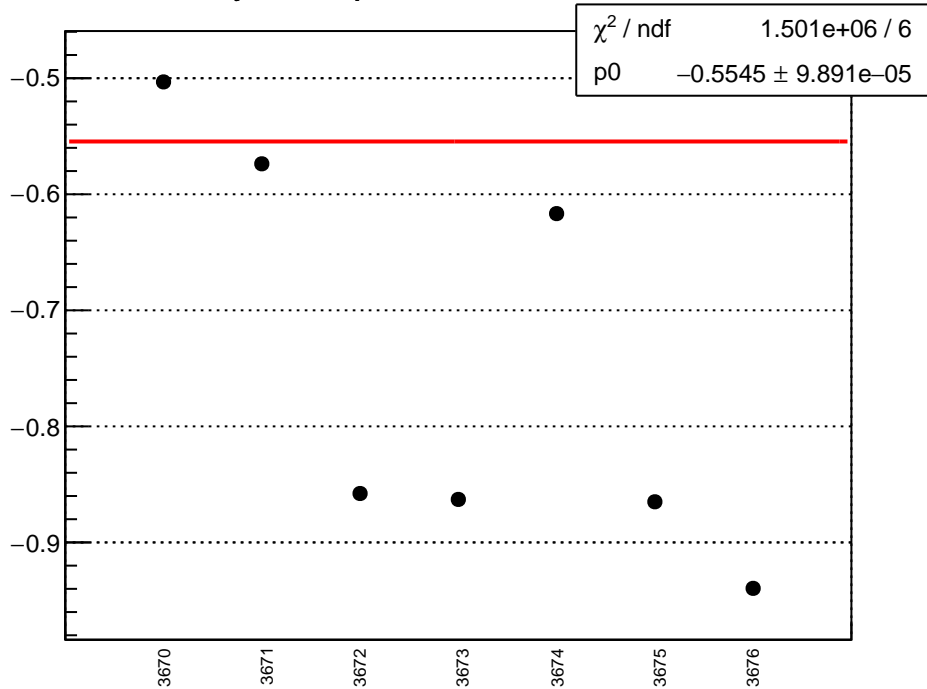
χ^2 / ndf	4128 / 6
p0	$1.614 \pm 1.43\text{e-}05$



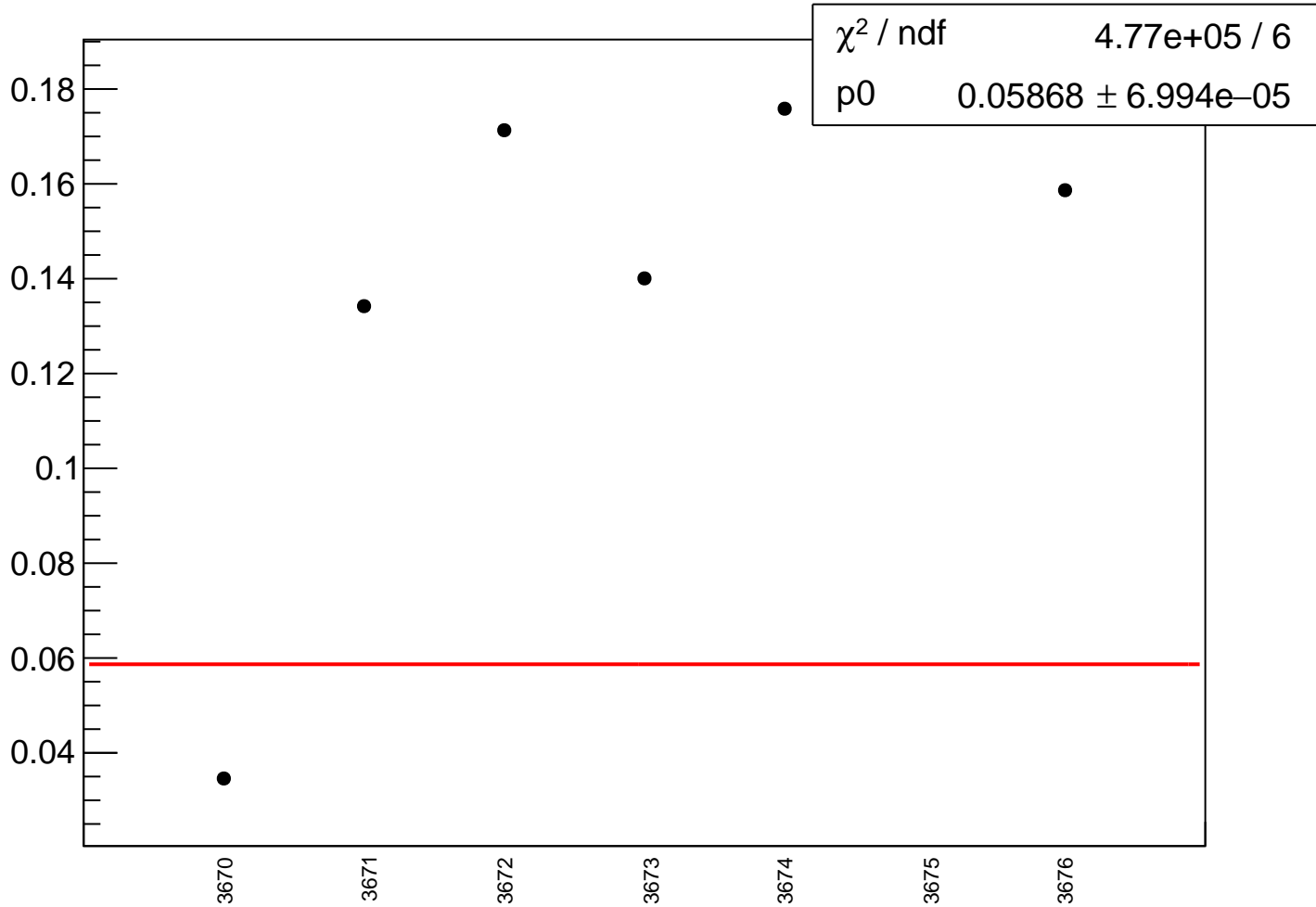
yield_bpm4ecY_rms vs run



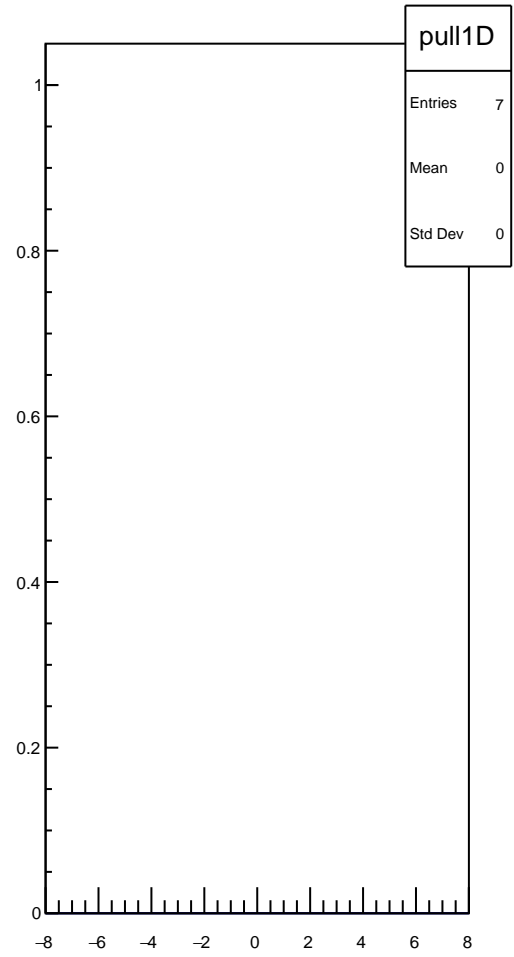
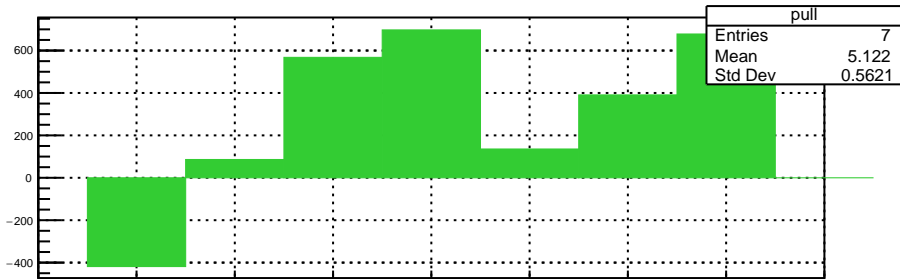
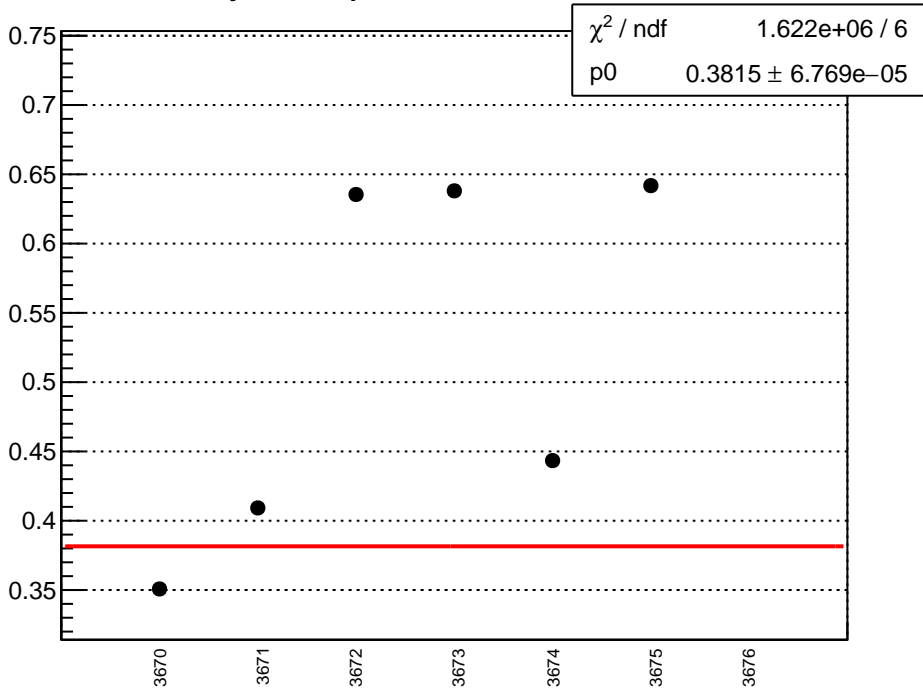
yield_bpm1X_mean vs run



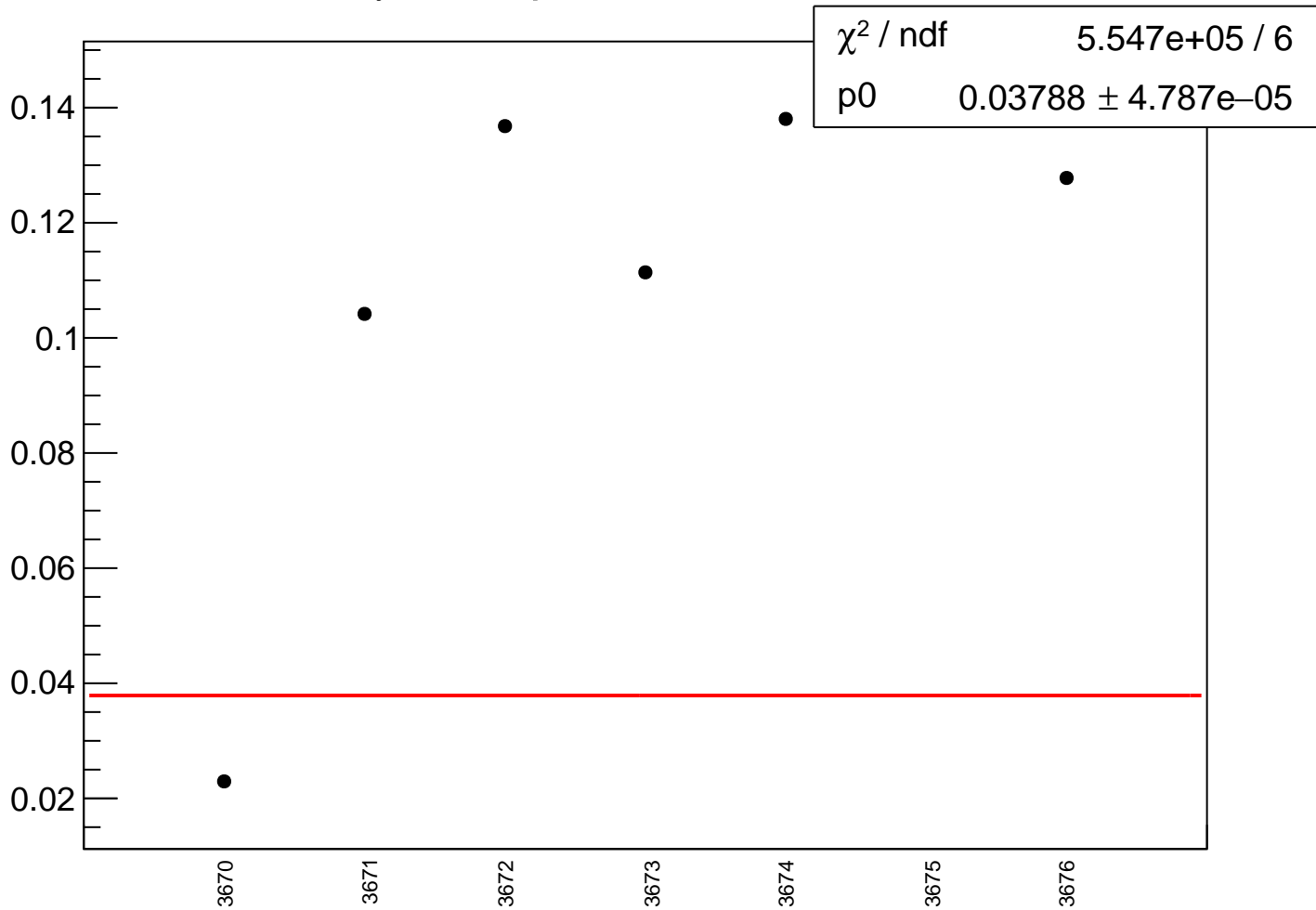
yield_bpm1X_rms vs run



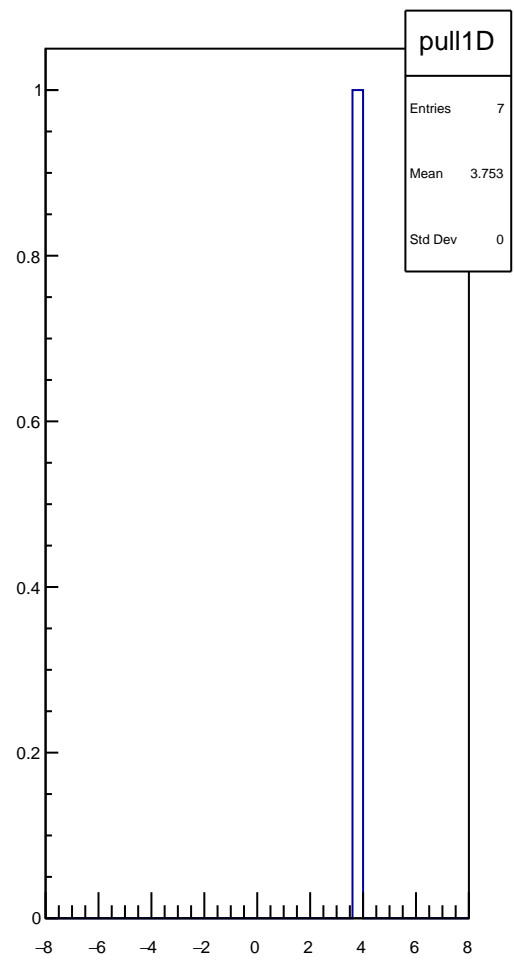
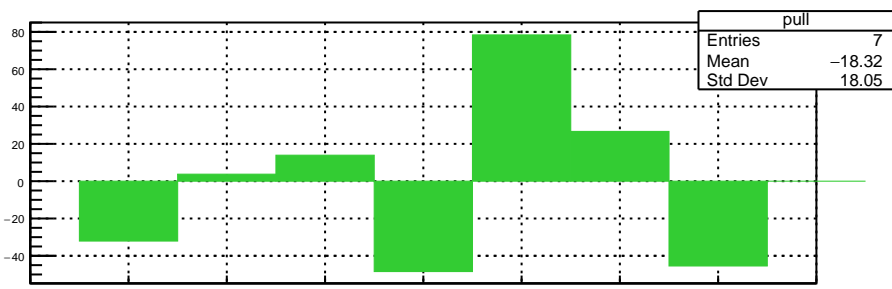
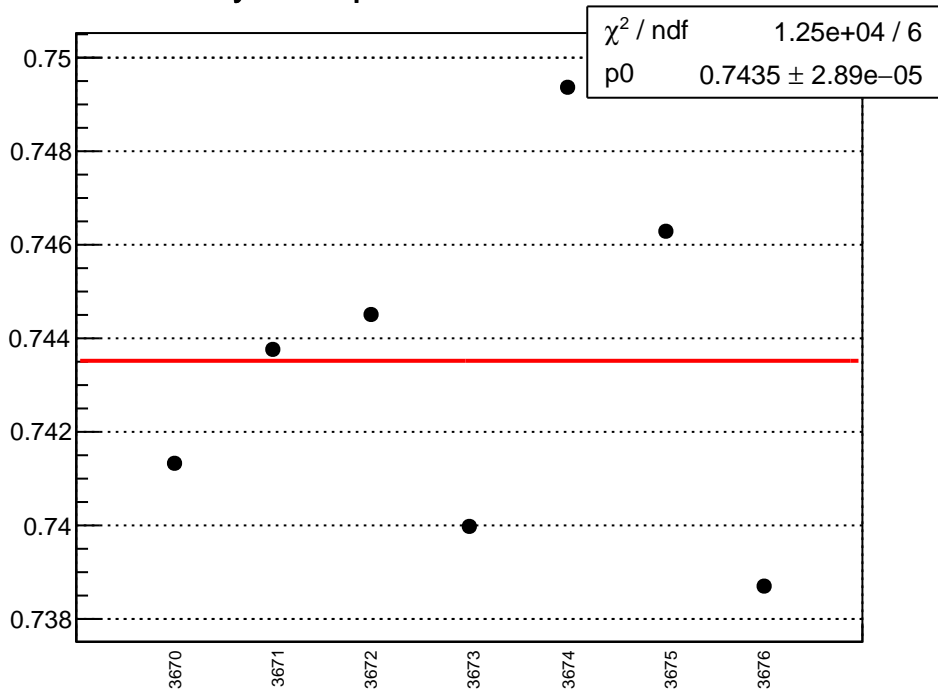
yield_bpm1Y_mean vs run



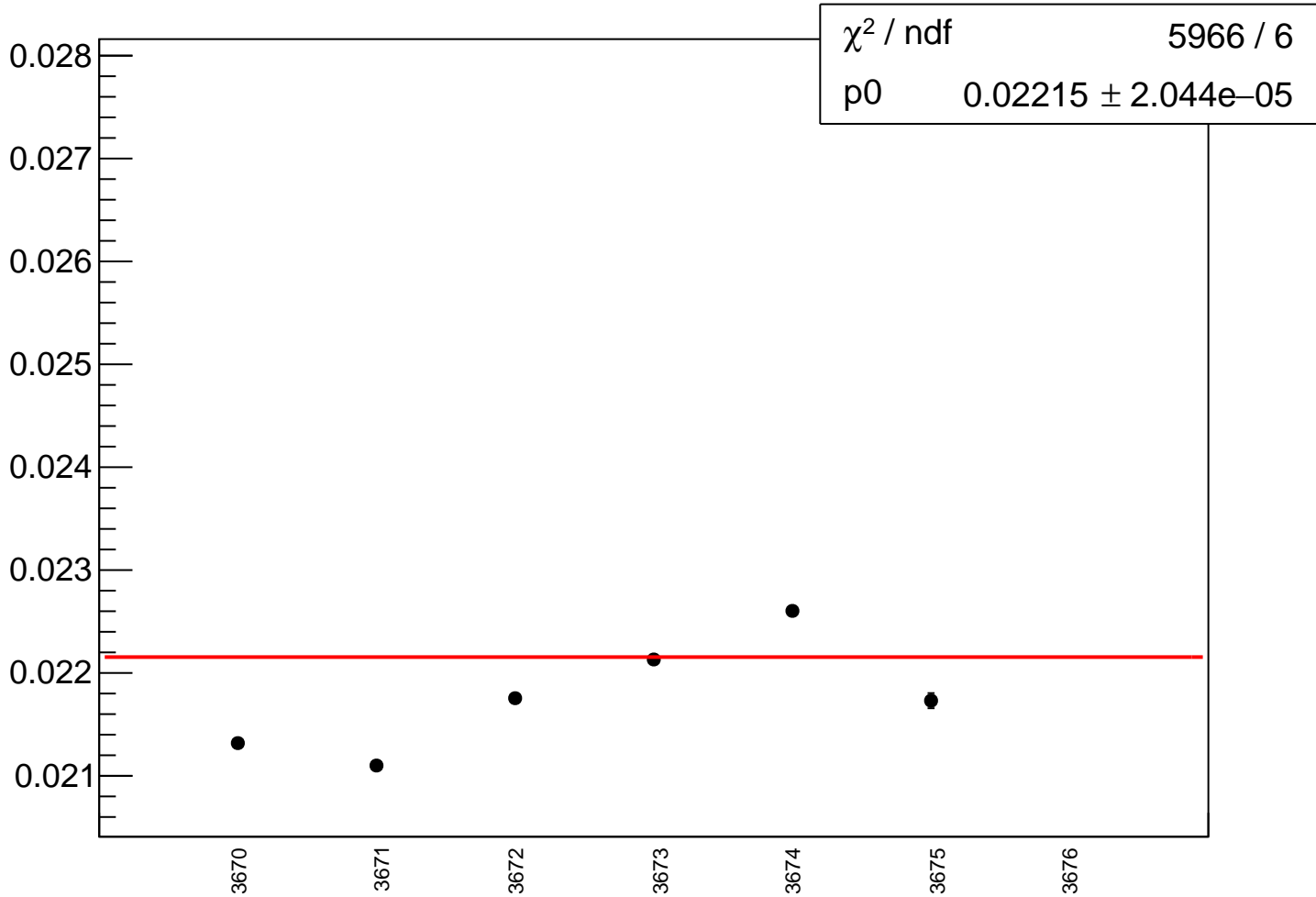
yield_bpm1Y_rms vs run



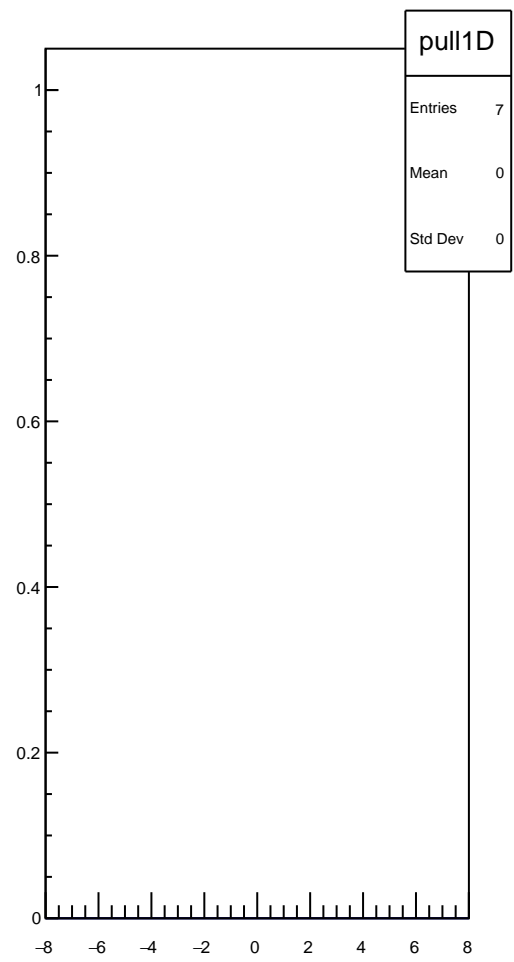
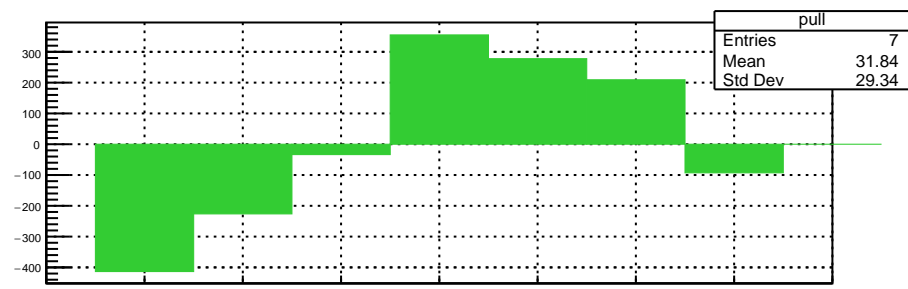
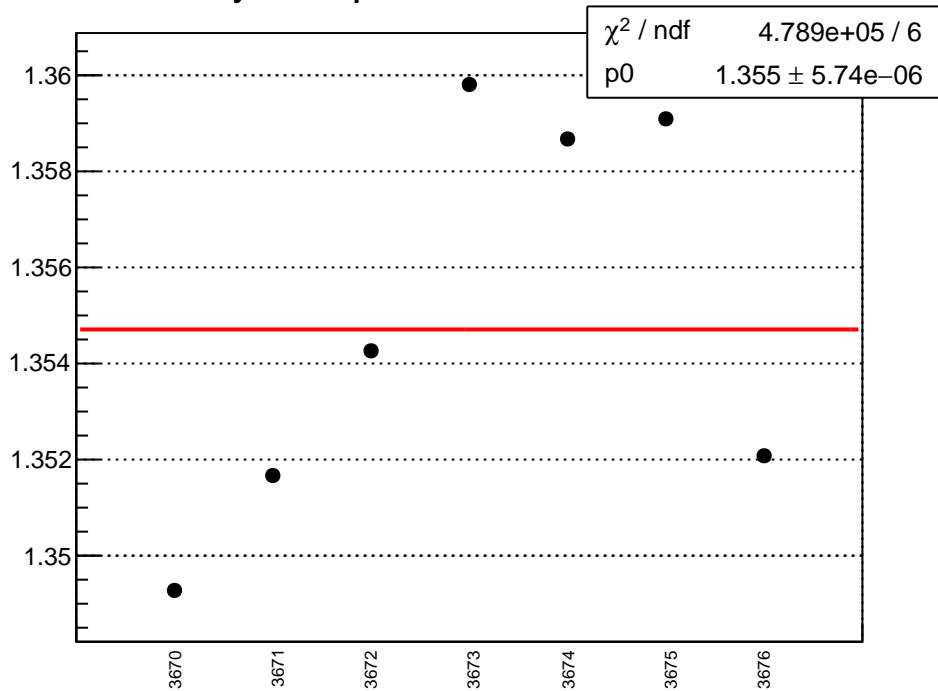
yield_bpm11X_mean vs run



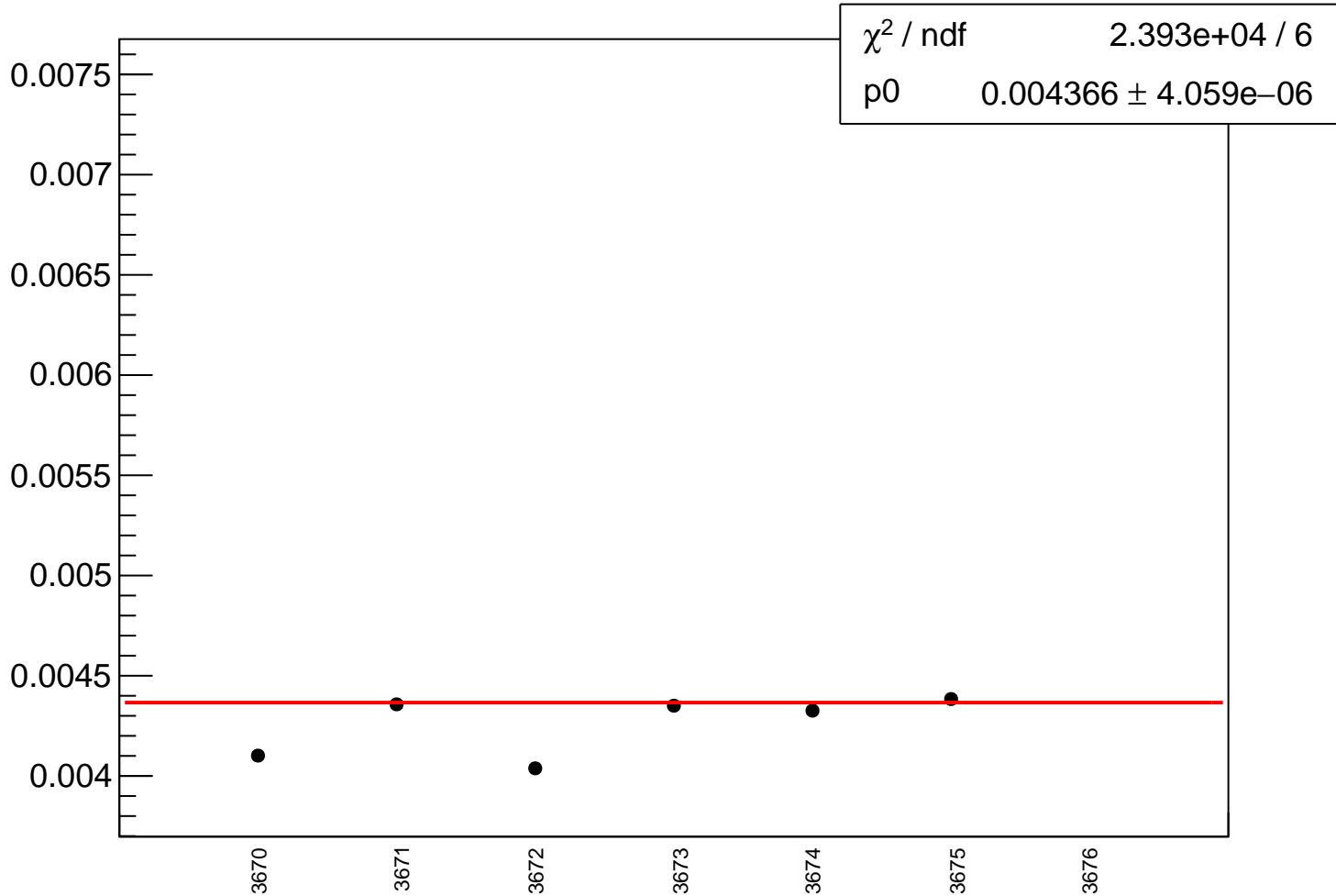
yield_bpm11X_rms vs run



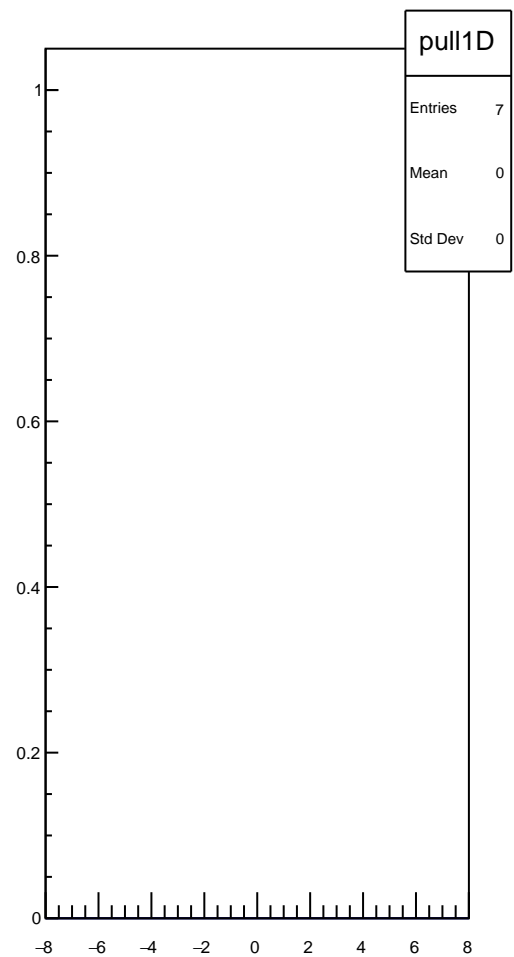
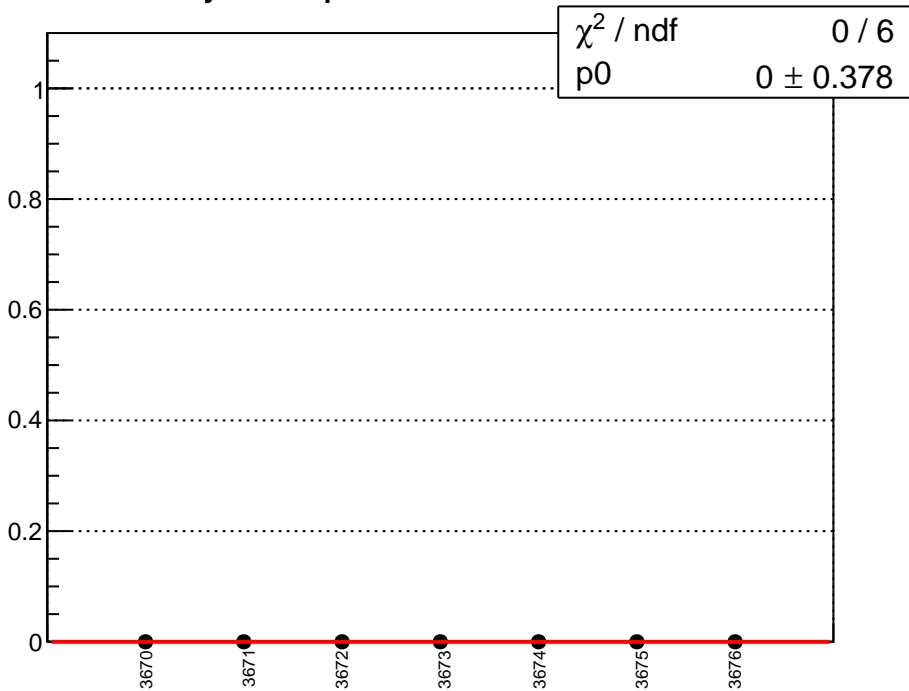
yield_bpm11Y_mean vs run



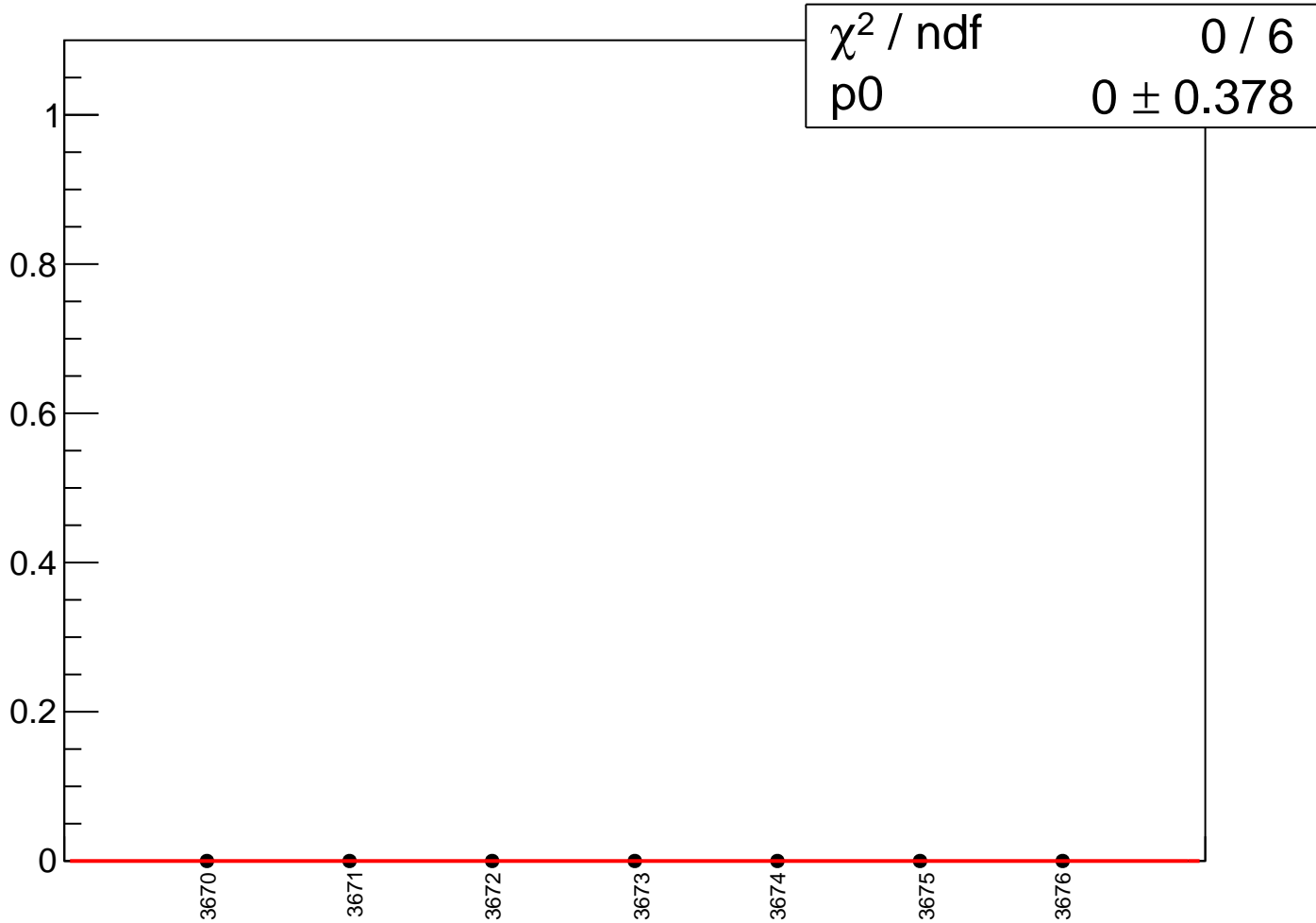
yield_bpm11Y_rms vs run



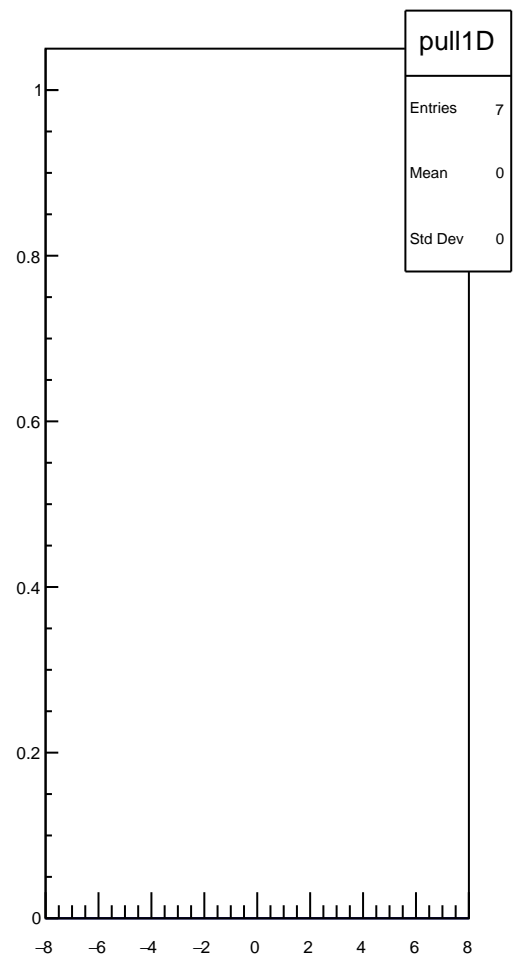
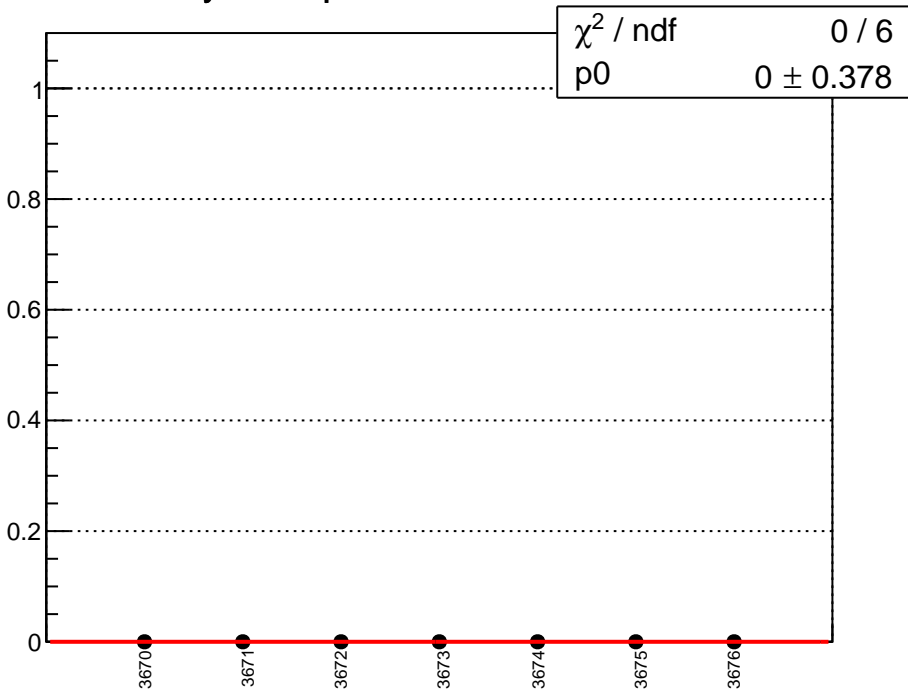
yield_bpm14X_mean vs run



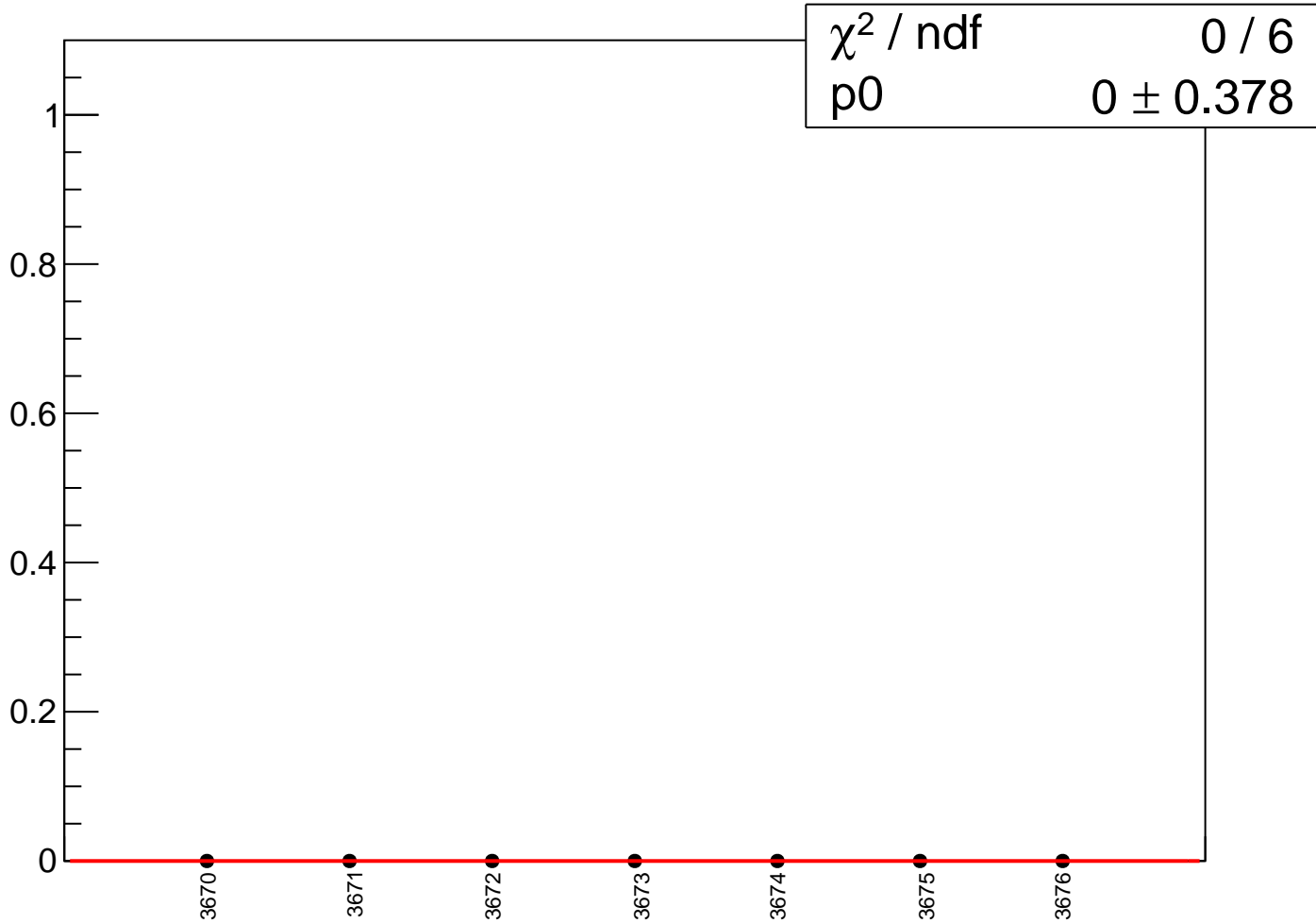
yield_bpm14X_rms vs run



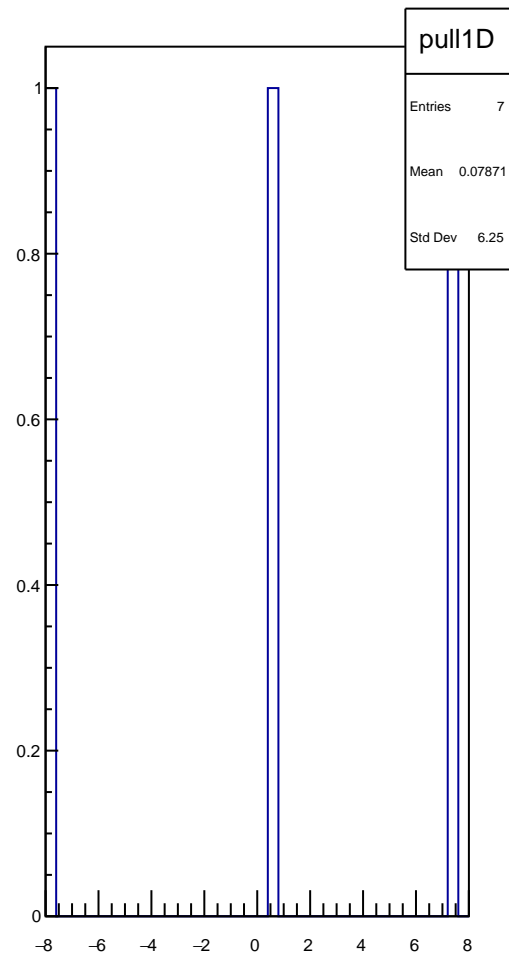
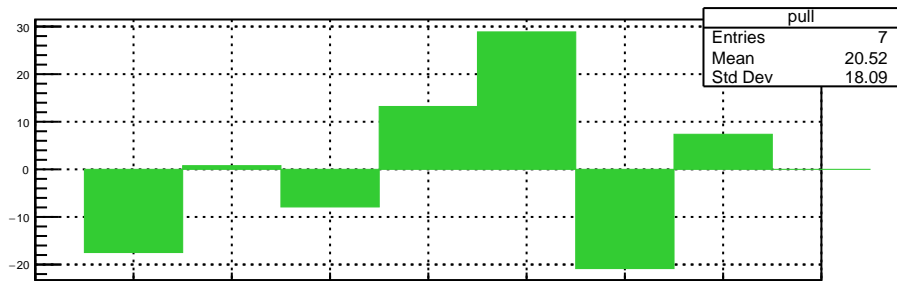
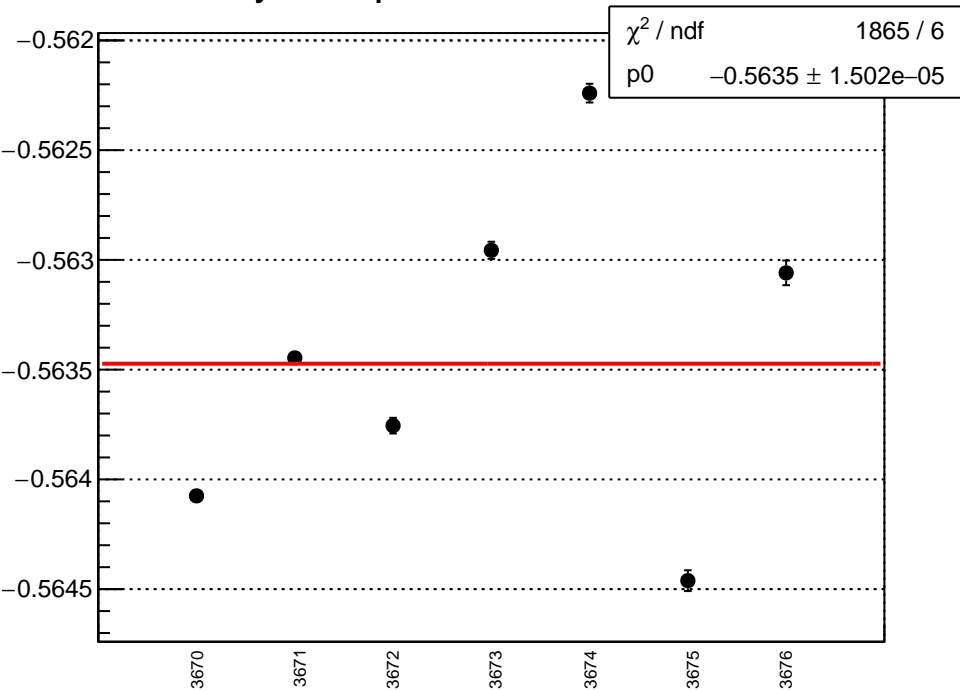
yield_bpm14Y_mean vs run



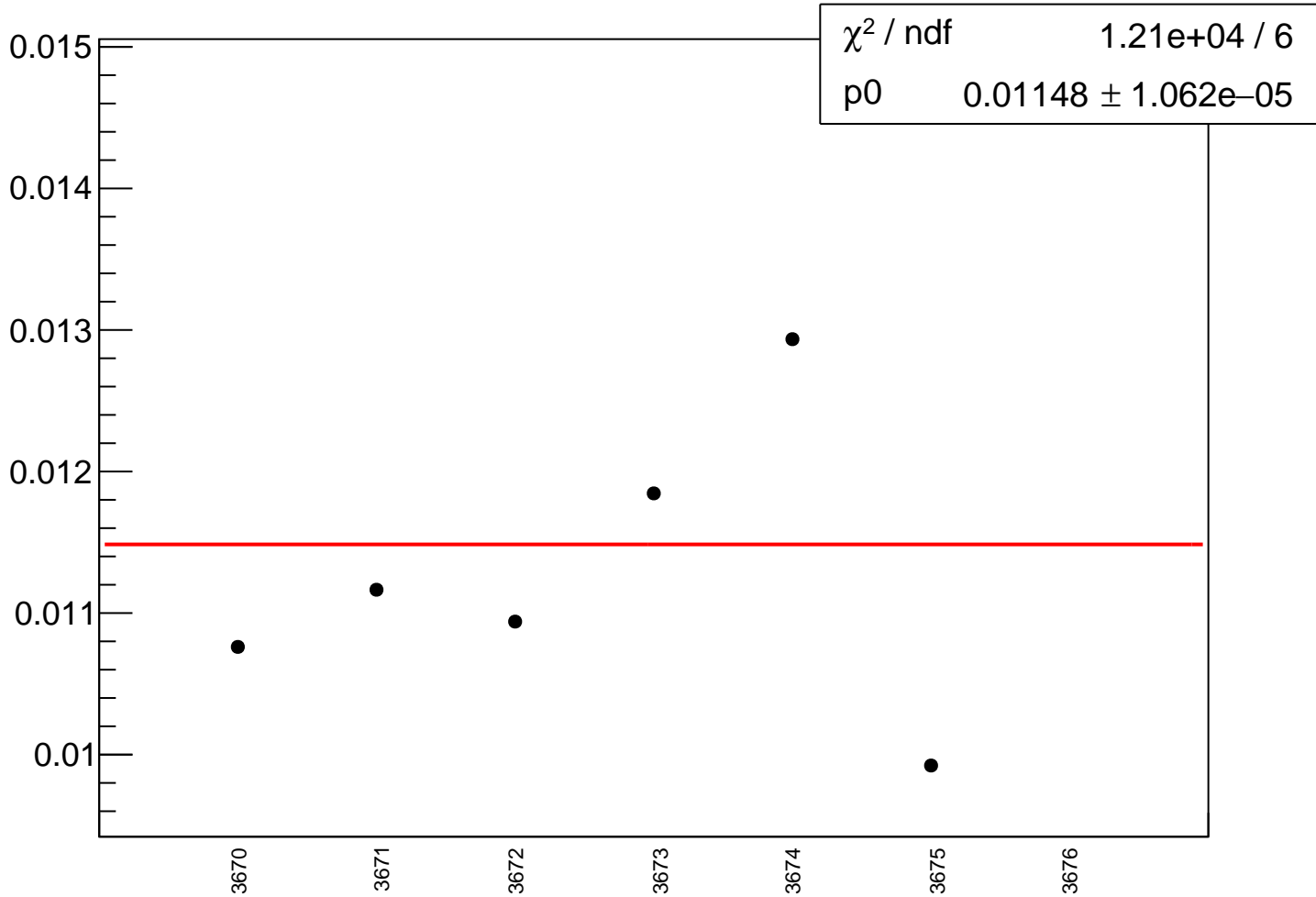
yield_bpm14Y_rms vs run



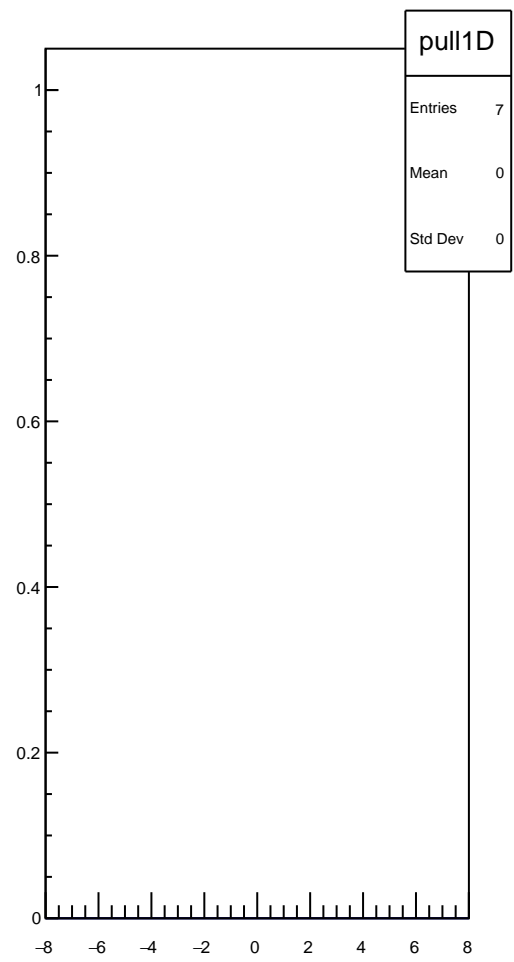
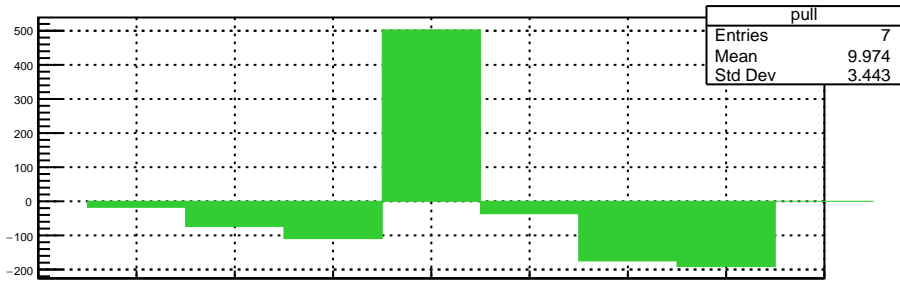
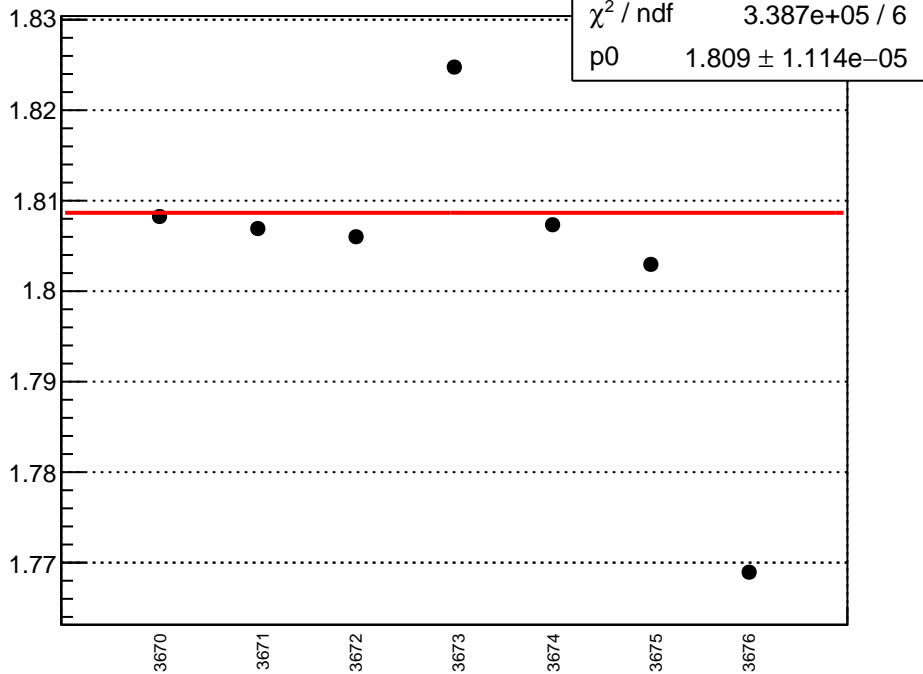
yield_bpm12X_mean vs run



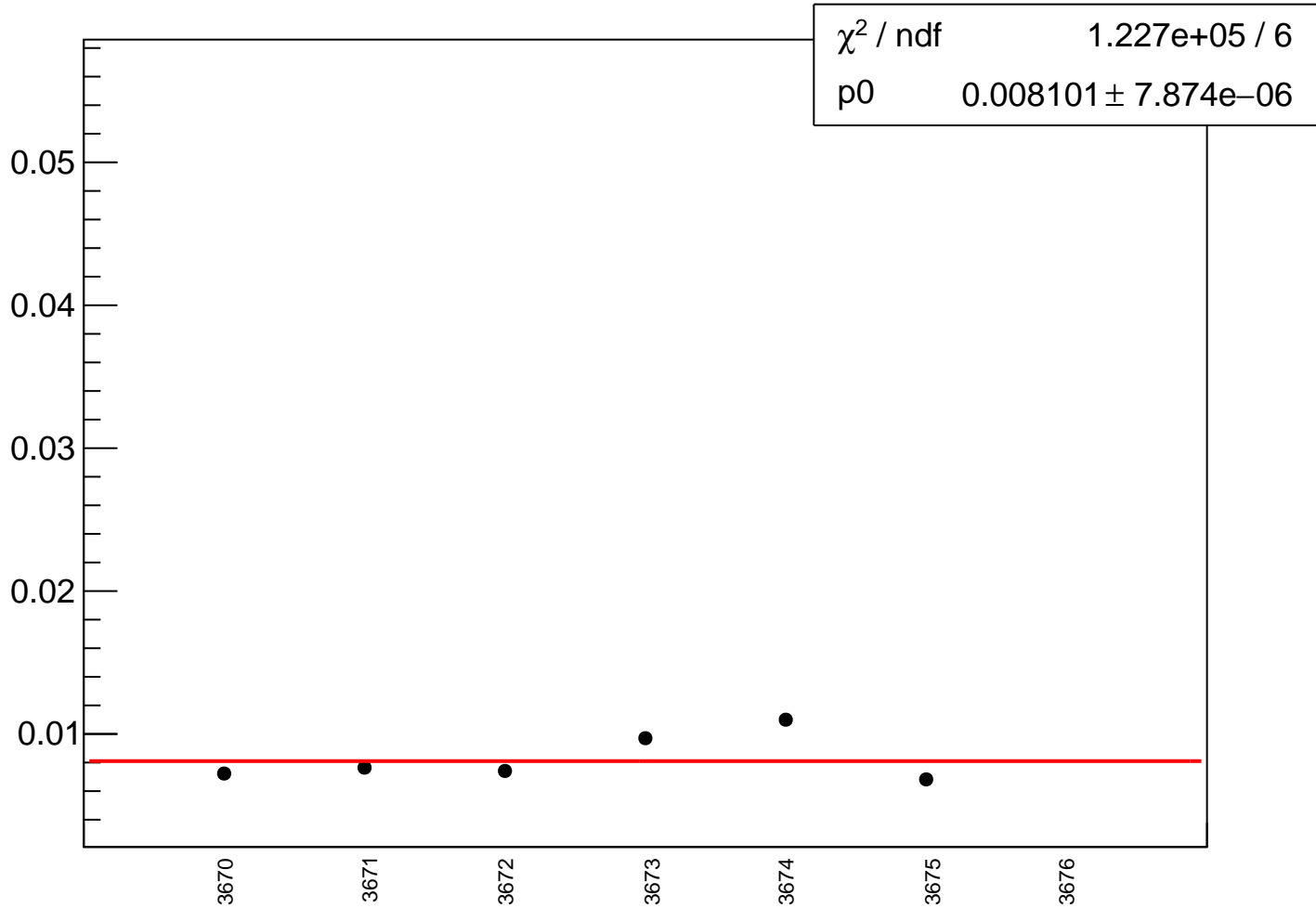
yield_bpm12X_rms vs run



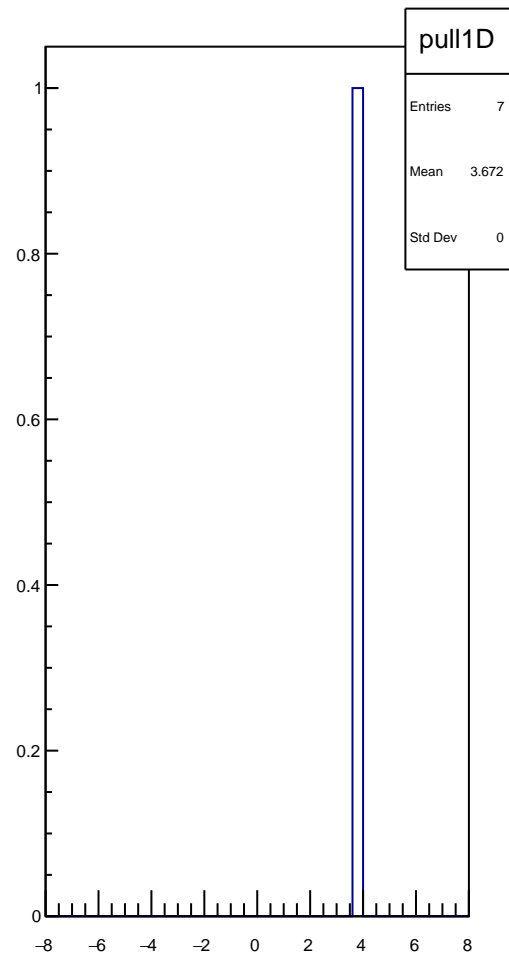
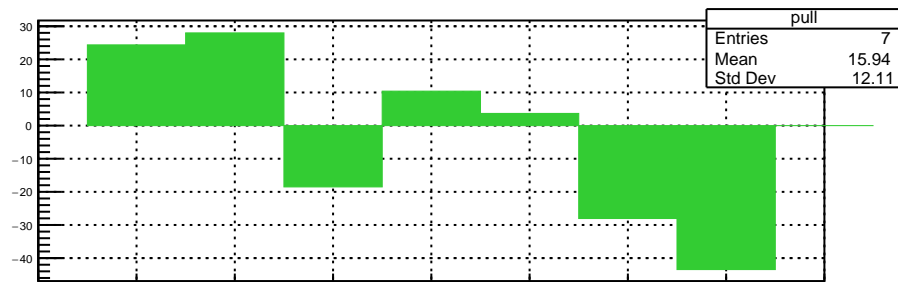
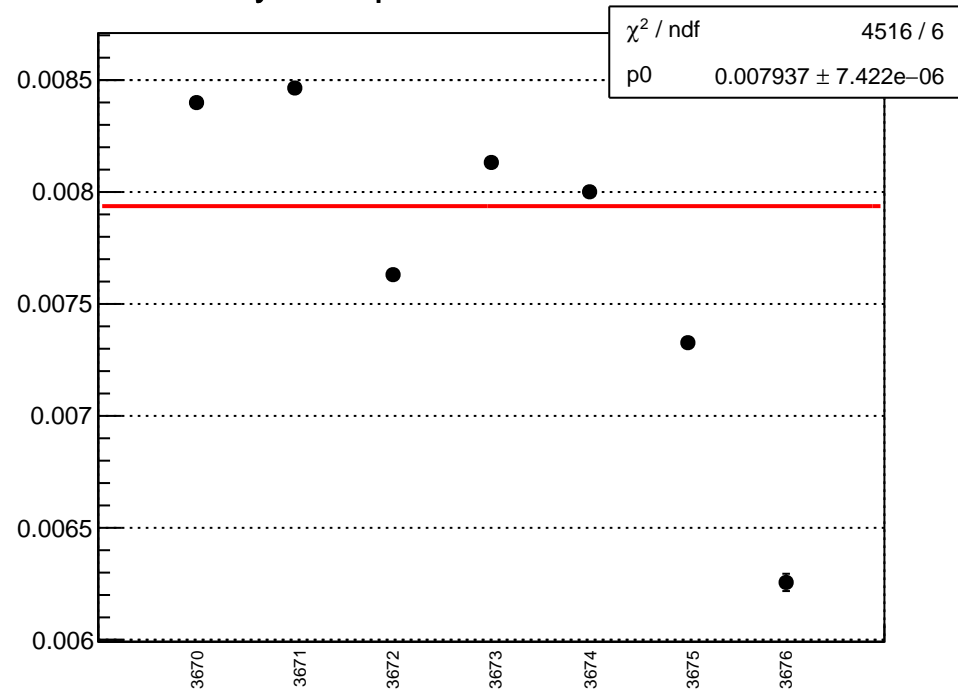
yield_bpm12Y_mean vs run



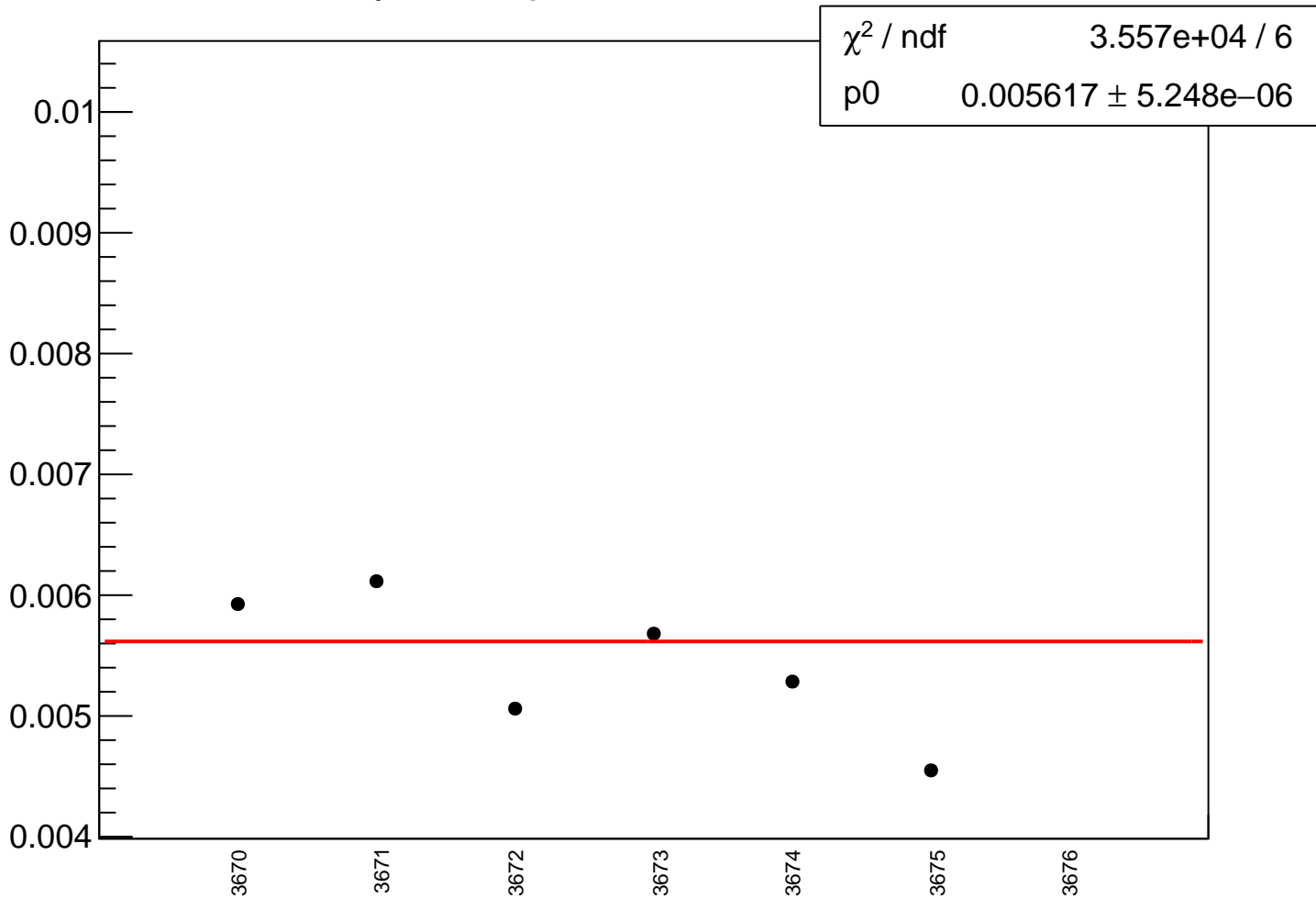
yield_bpm12Y_rms vs run



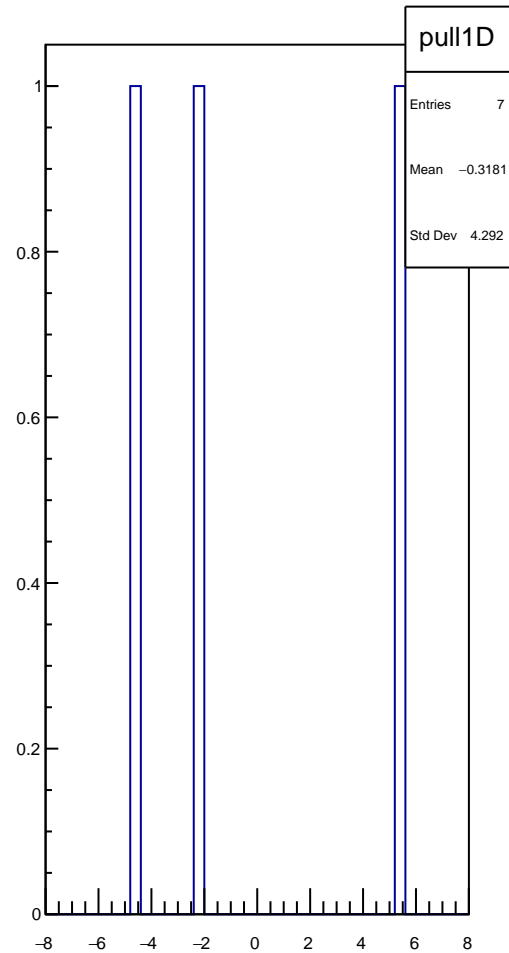
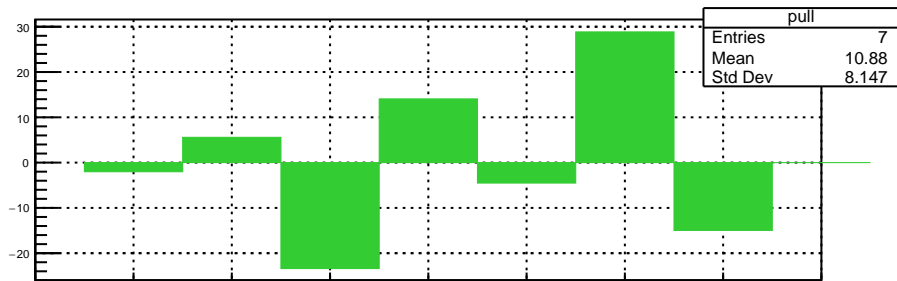
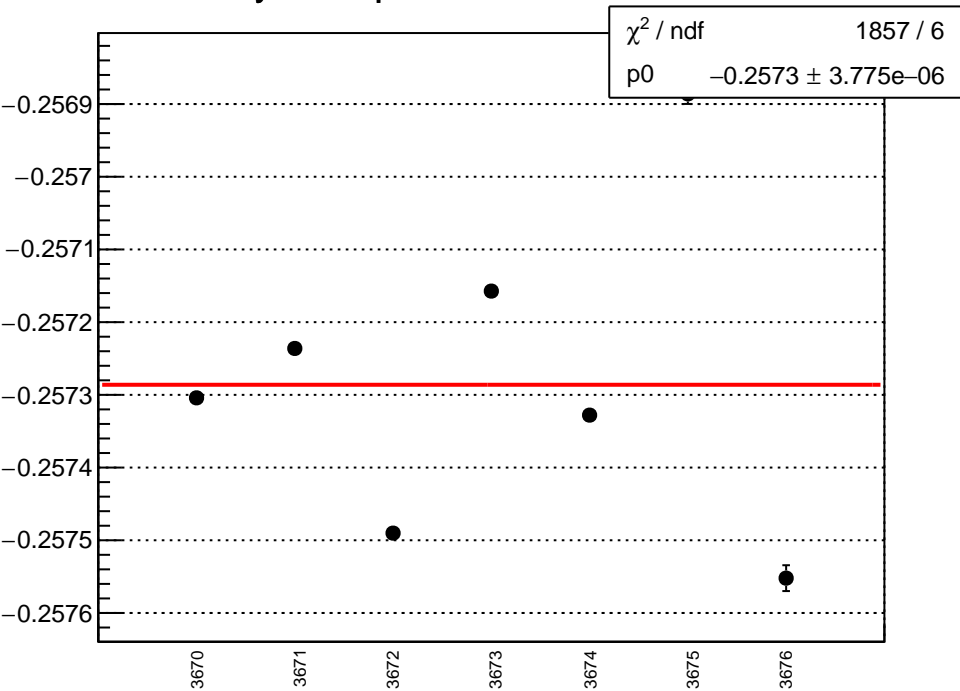
yield_bpm16X_mean vs run



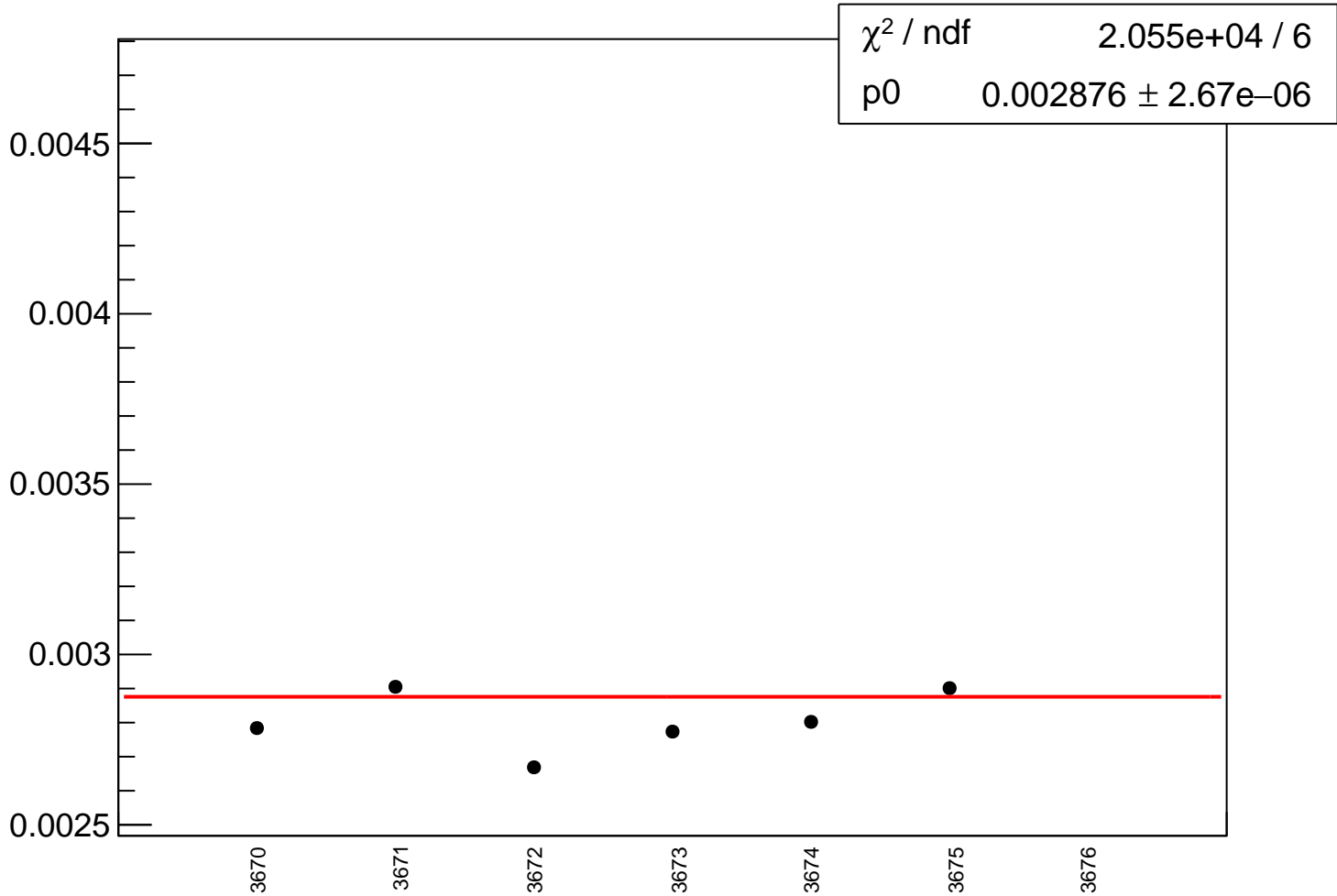
yield_bpm16X_rms vs run



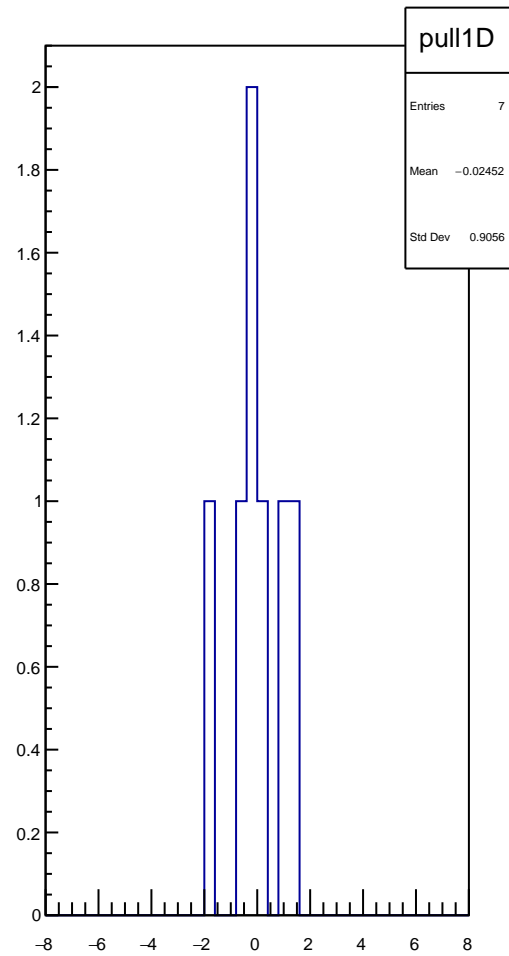
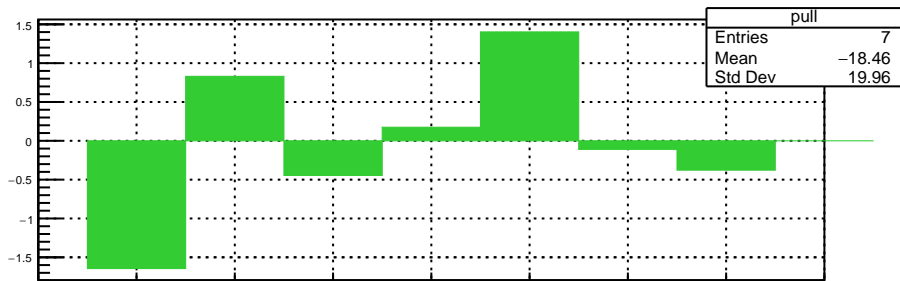
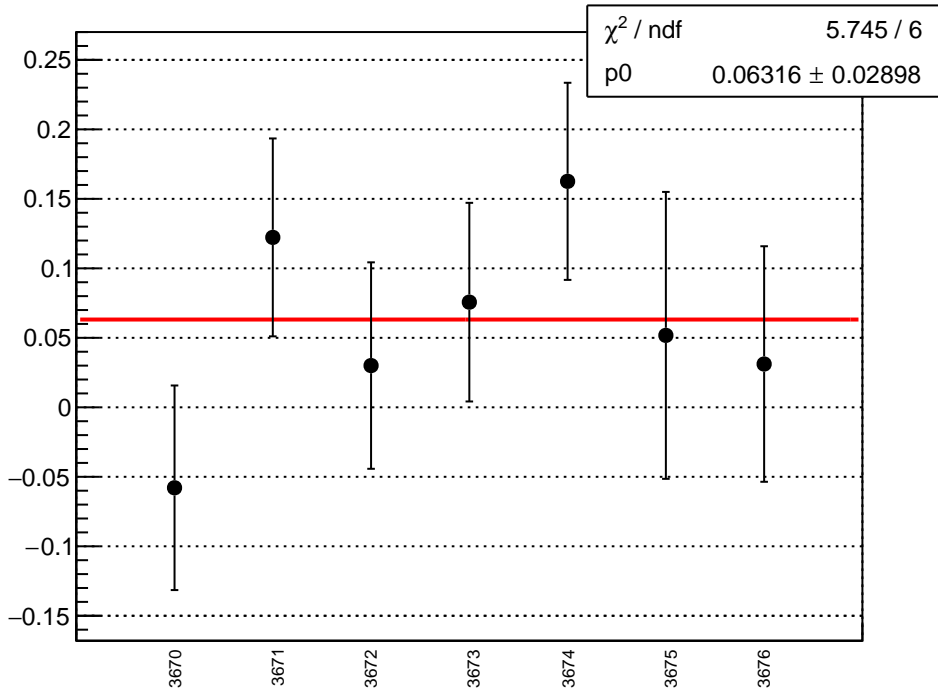
yield_bpm16Y_mean vs run



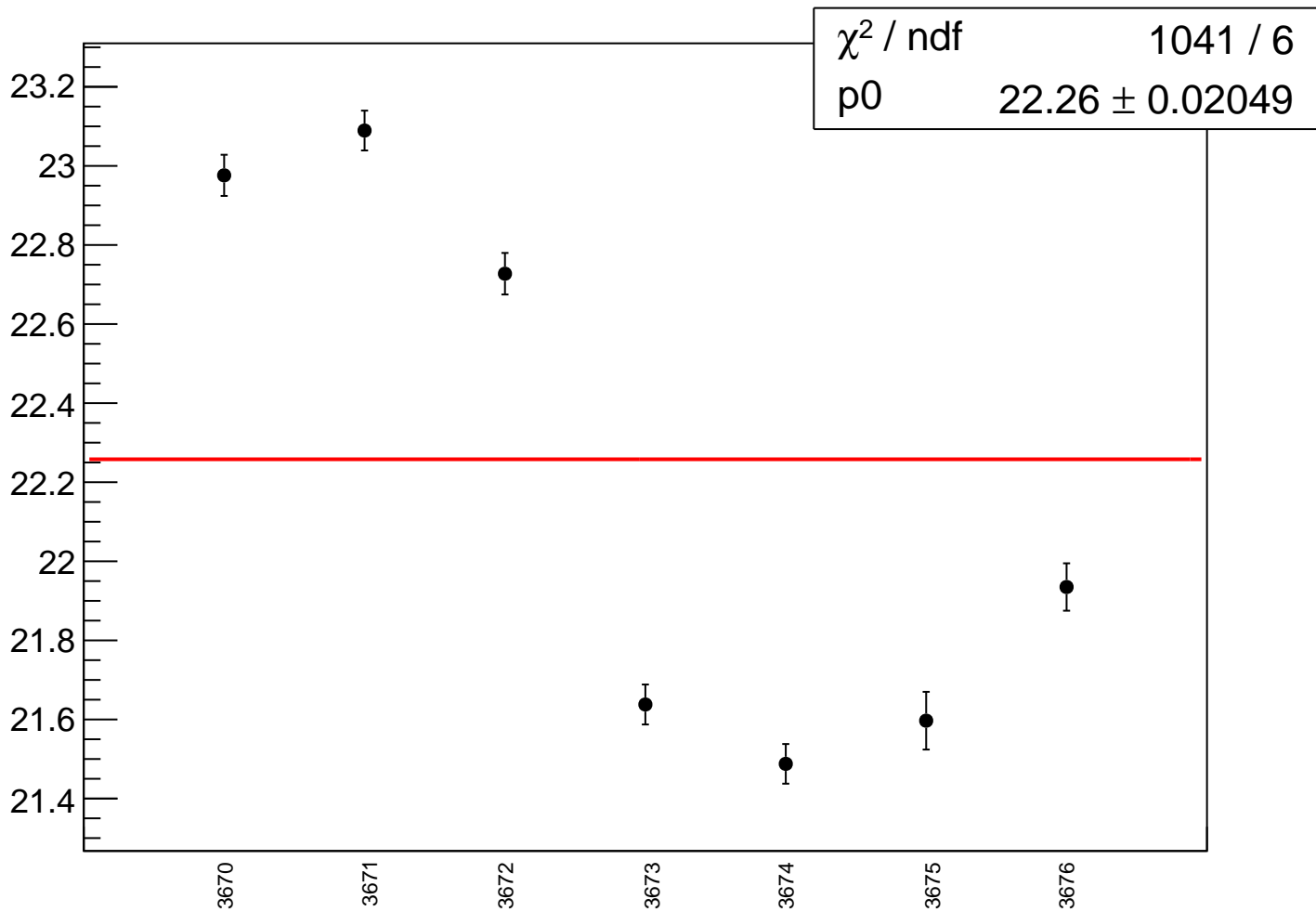
yield_bpm16Y_rms vs run



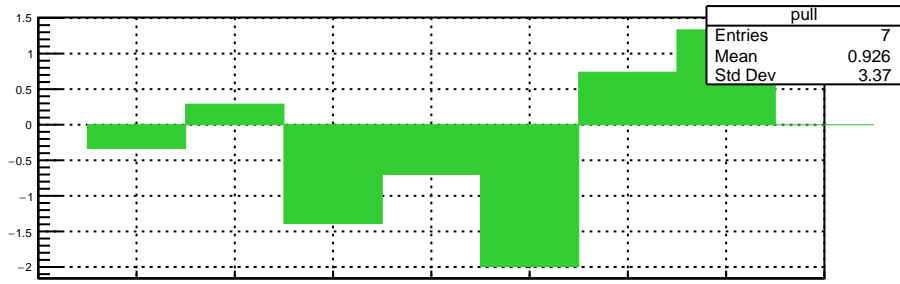
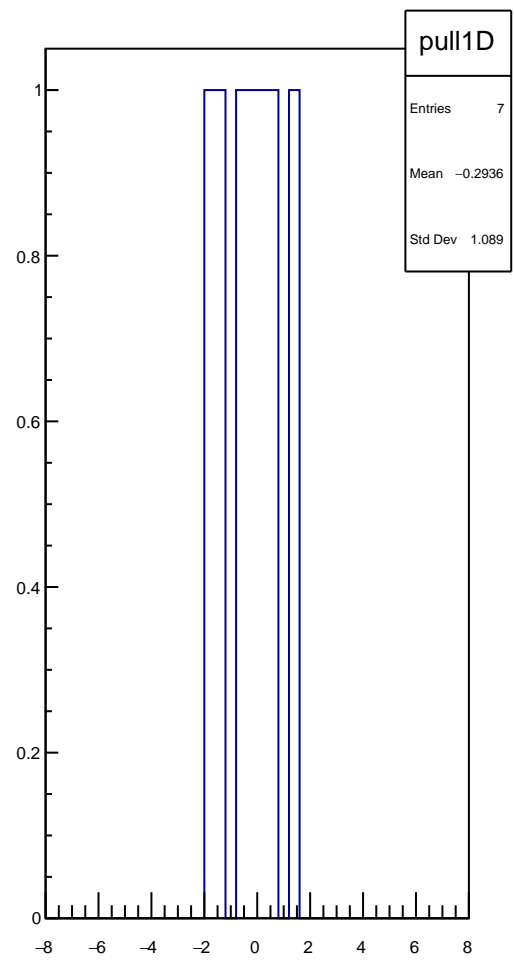
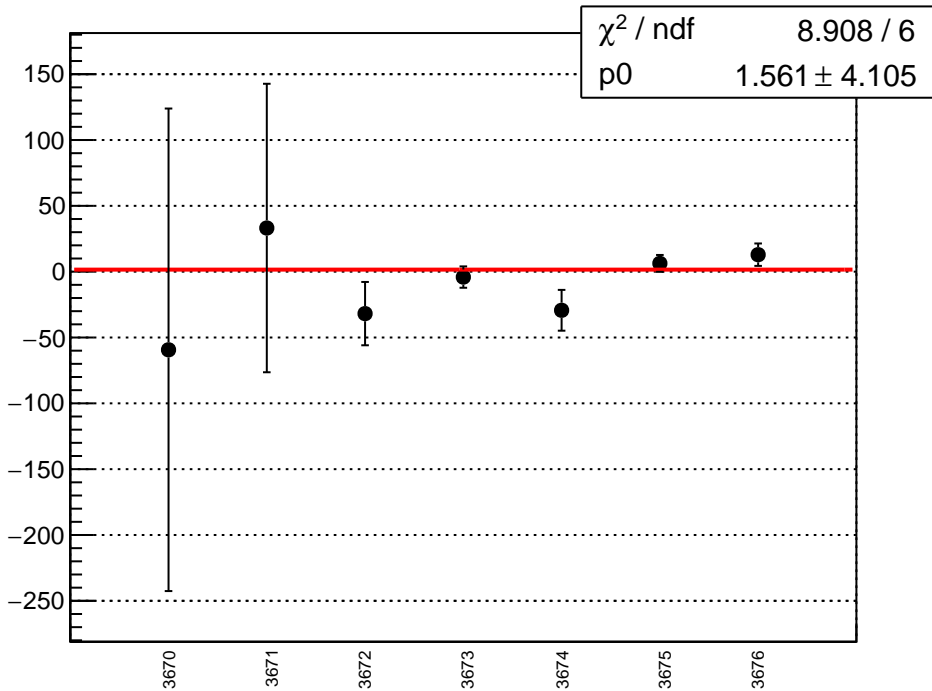
diff_cav4bX_mean vs run



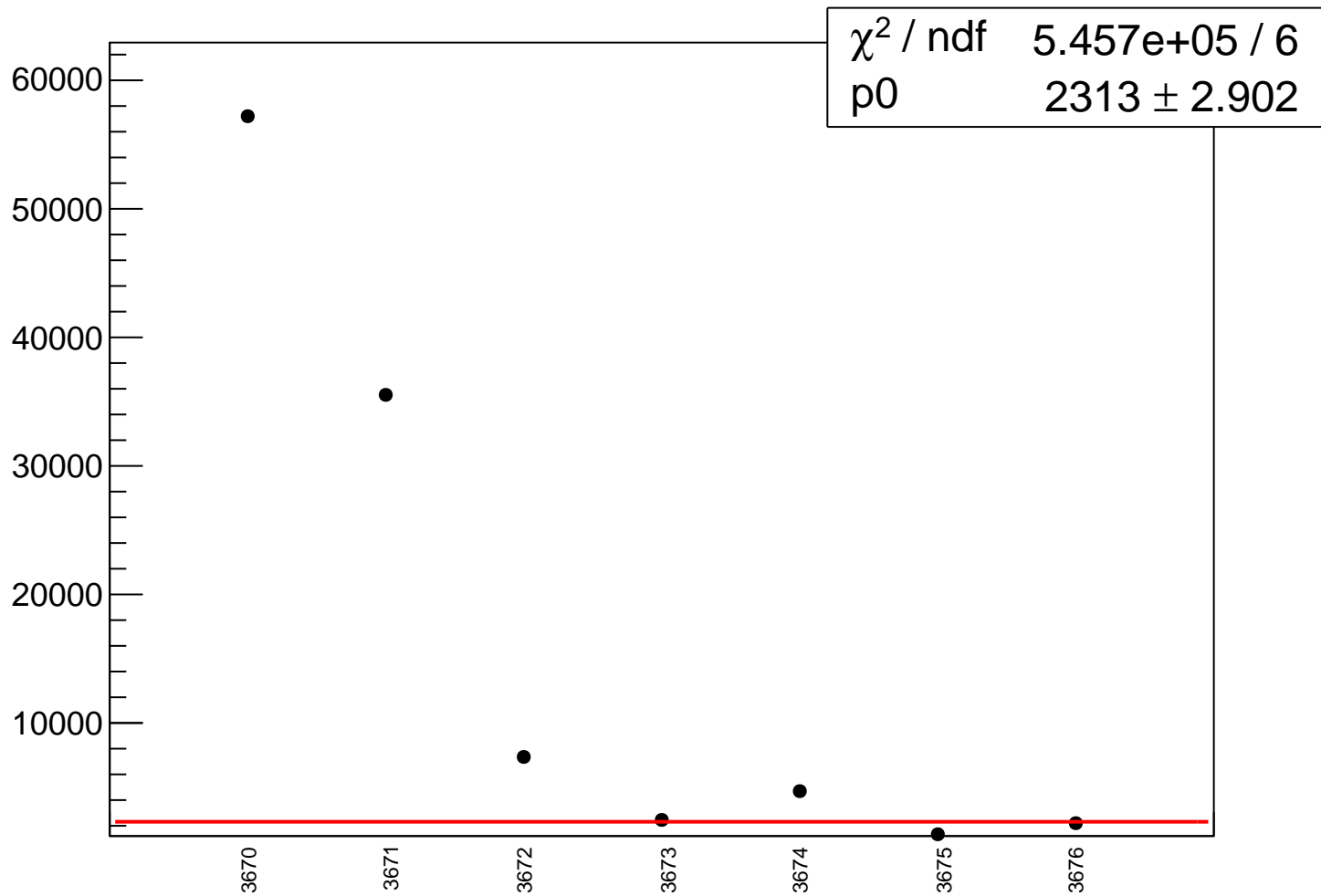
diff_cav4bX_rms vs run



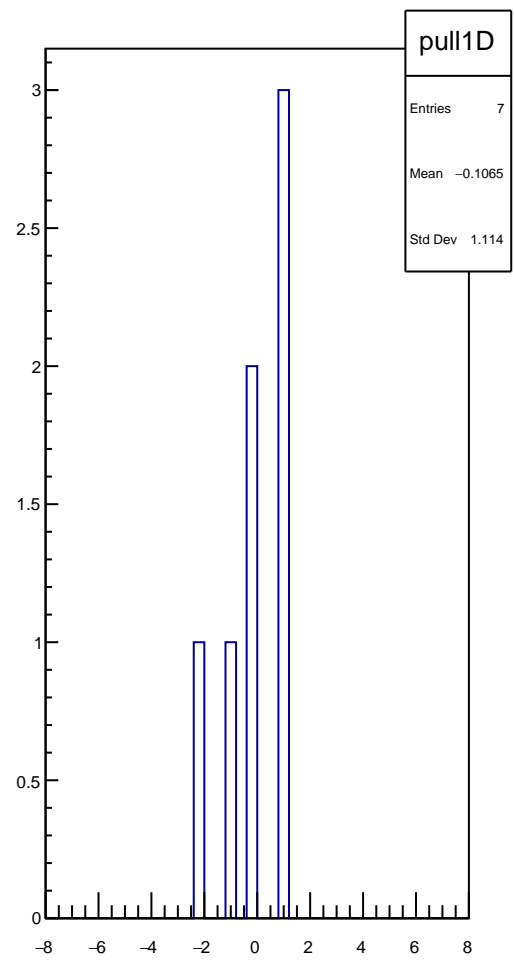
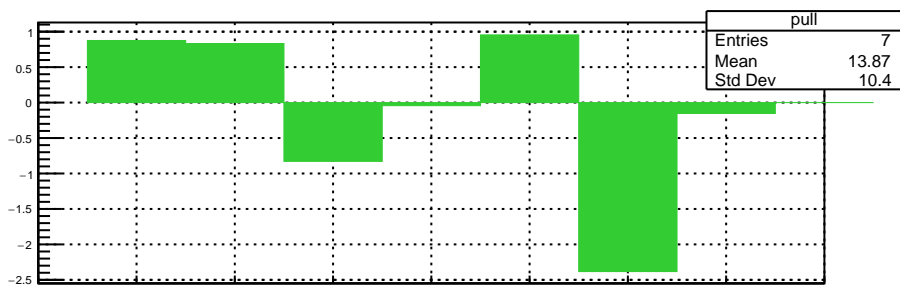
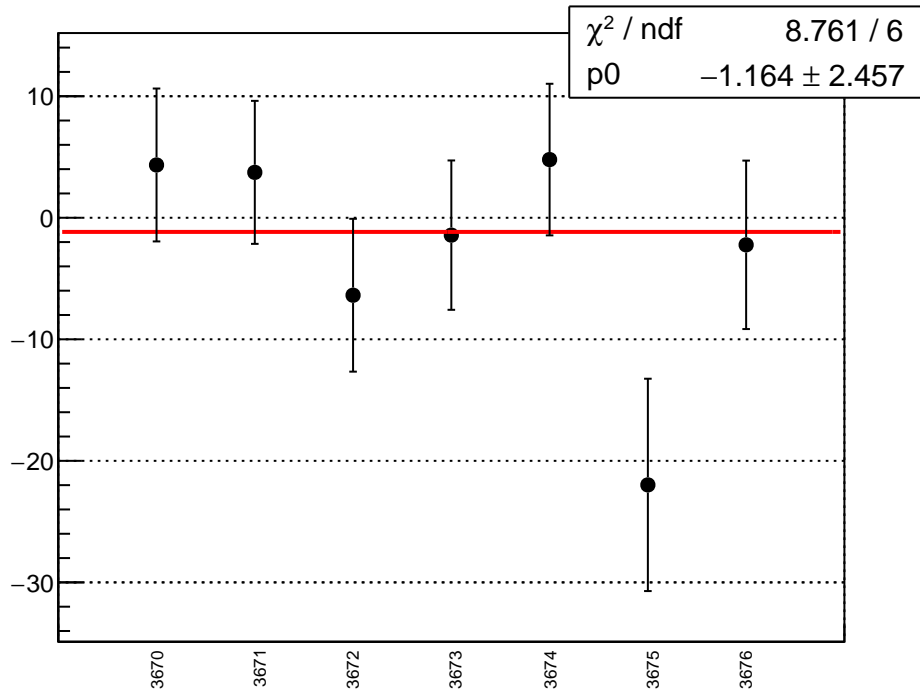
diff_cav4bY_mean vs run



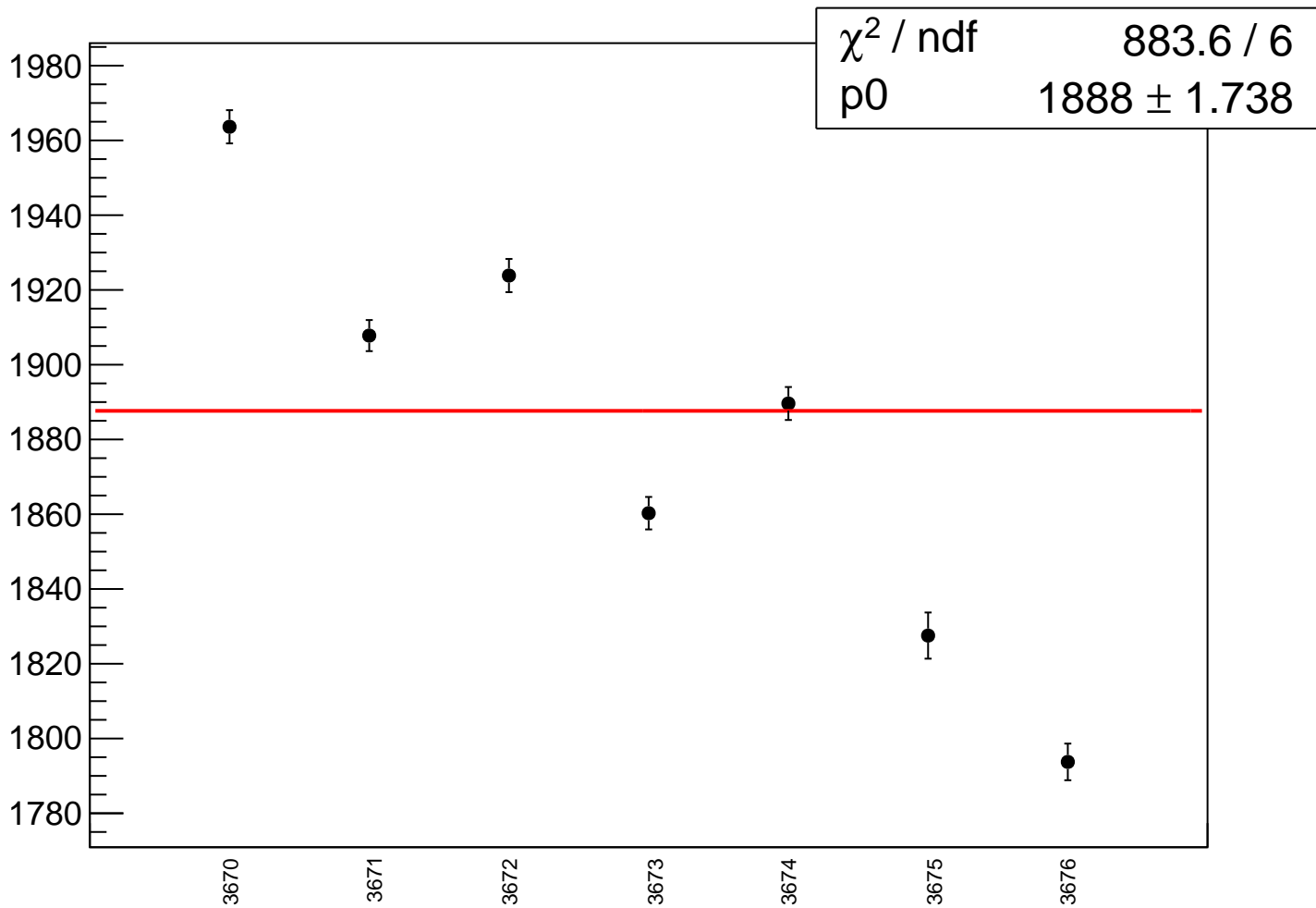
diff_cav4bY_rms vs run



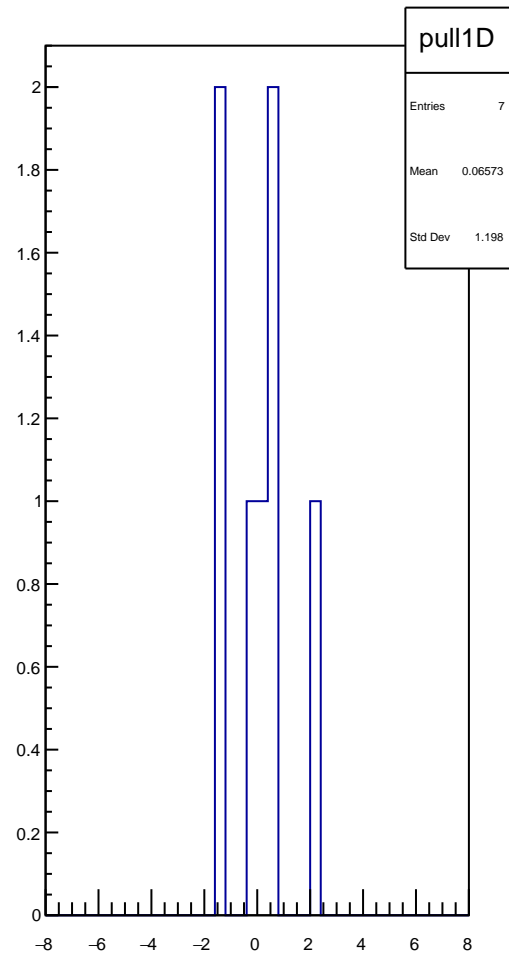
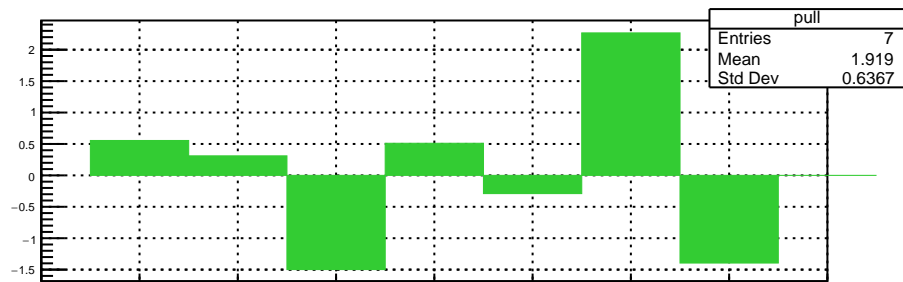
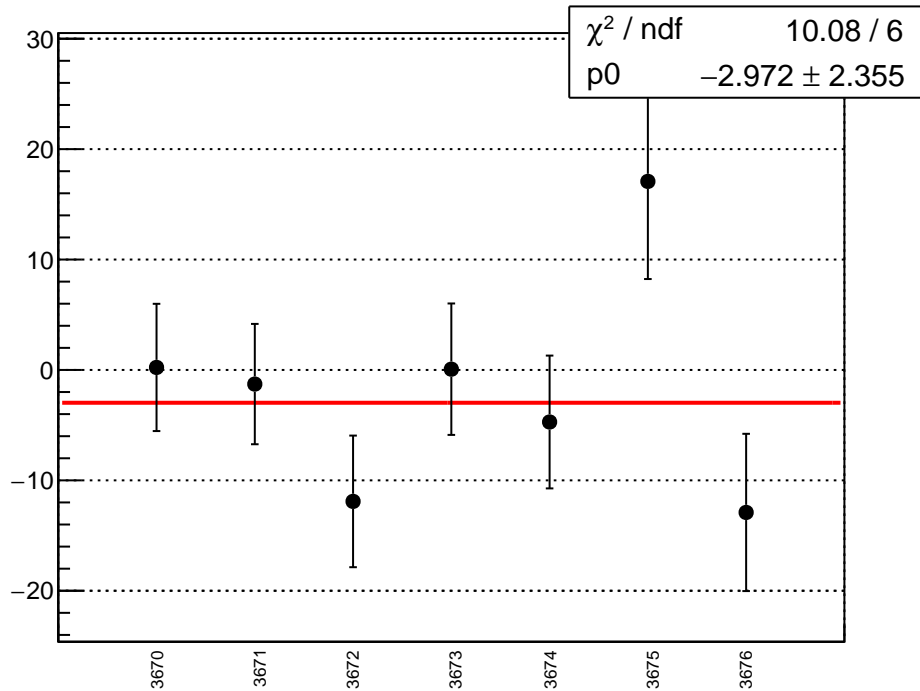
diff_cav4cX_mean vs run



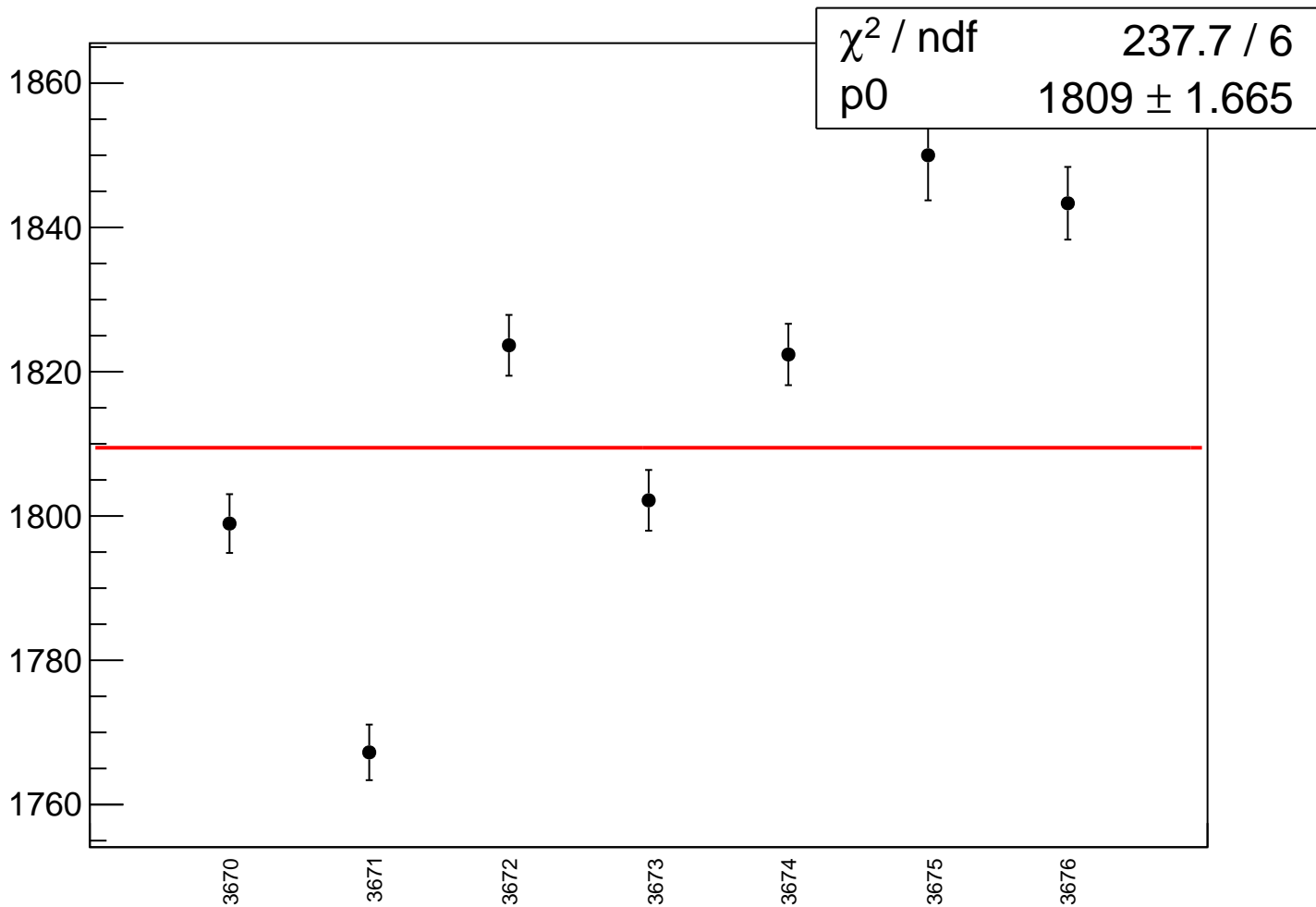
diff_cav4cX_rms vs run



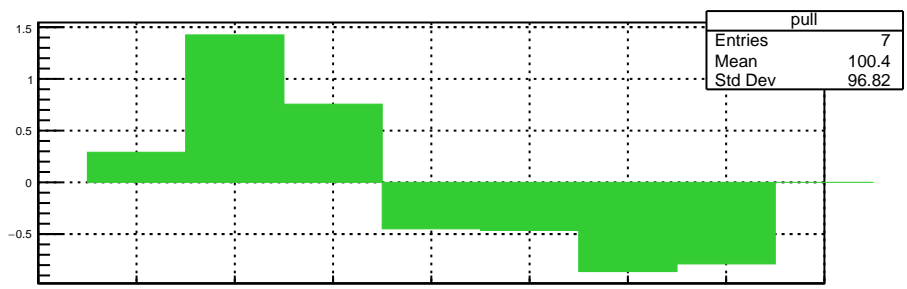
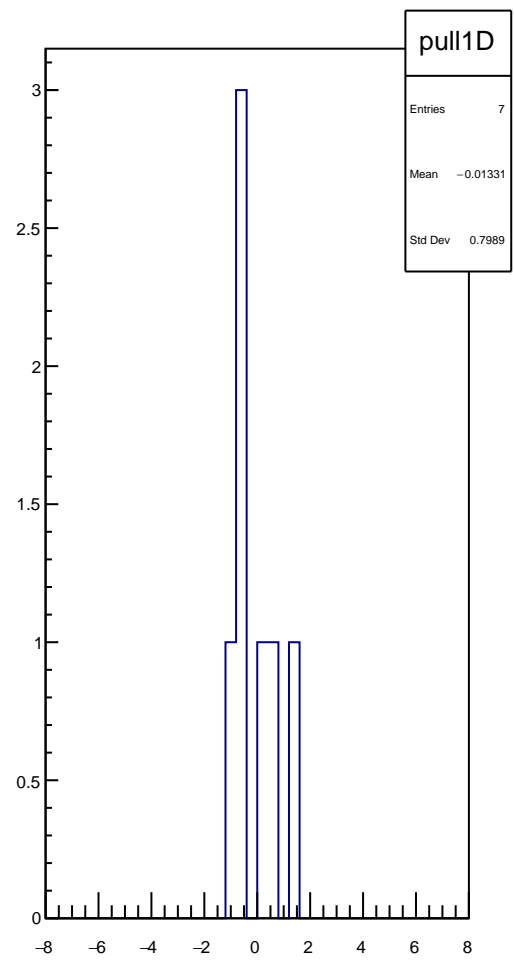
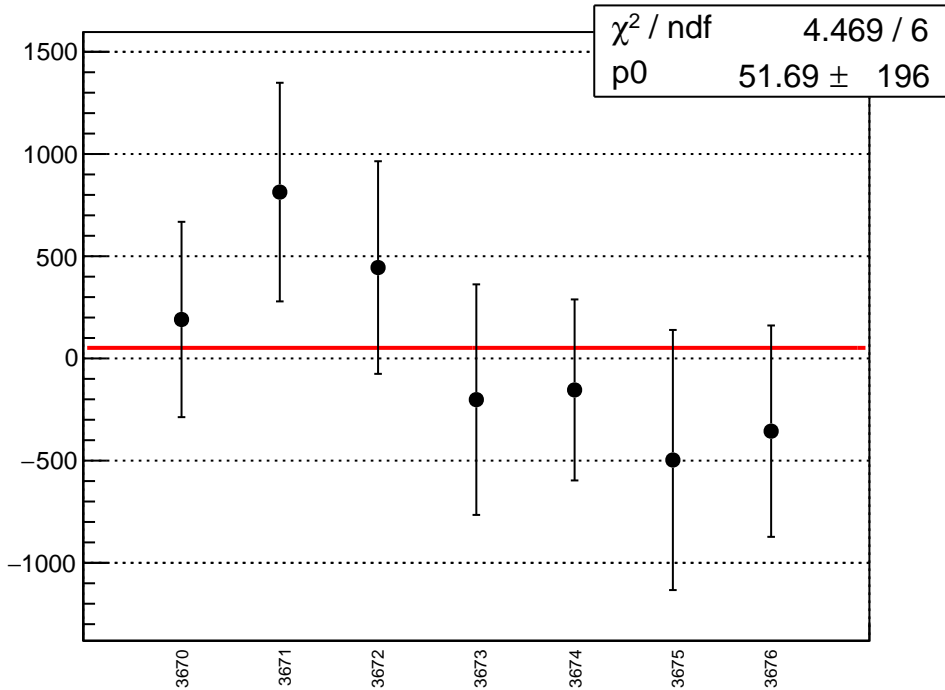
diff_cav4cY_mean vs run



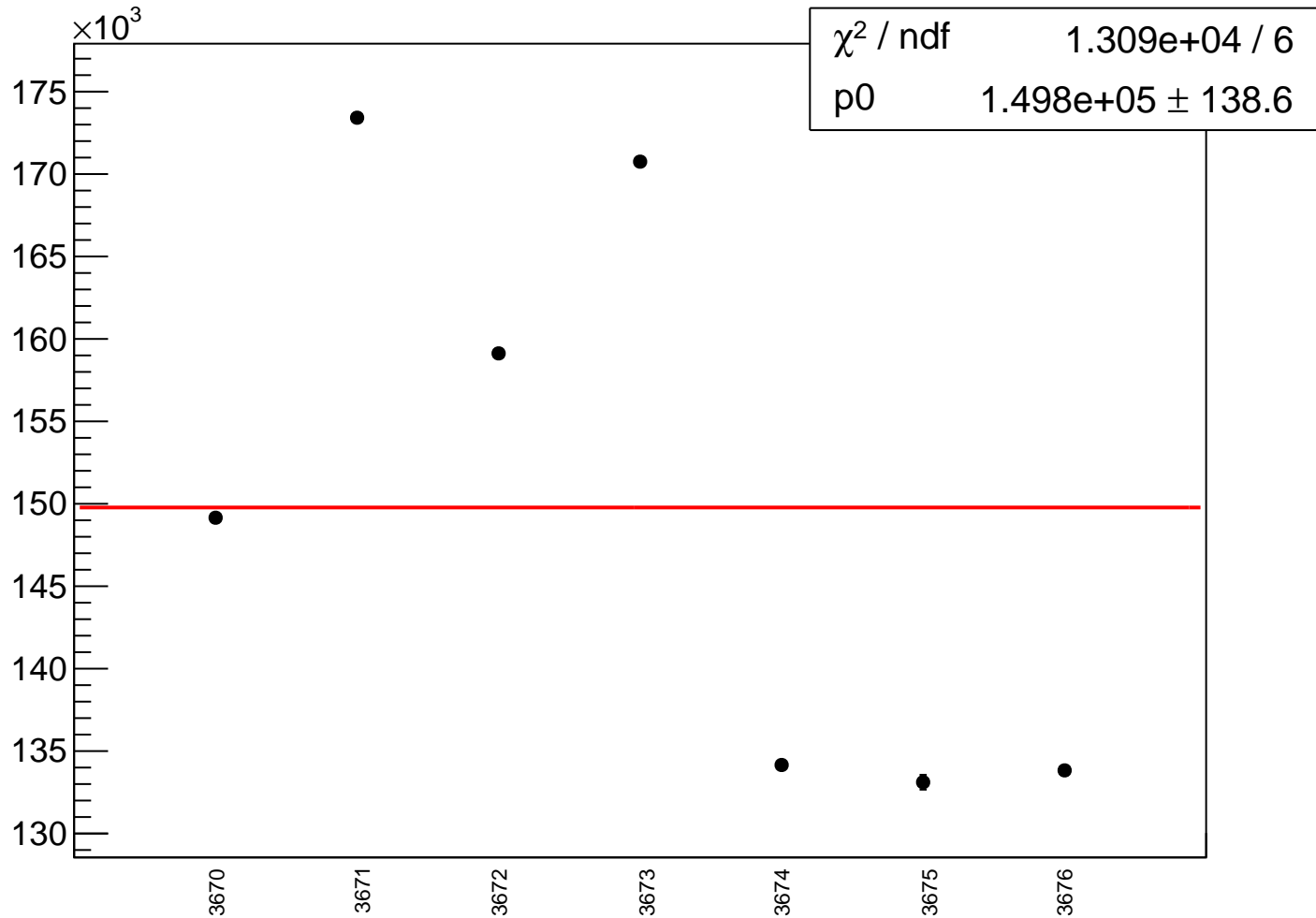
diff_cav4cY_rms vs run



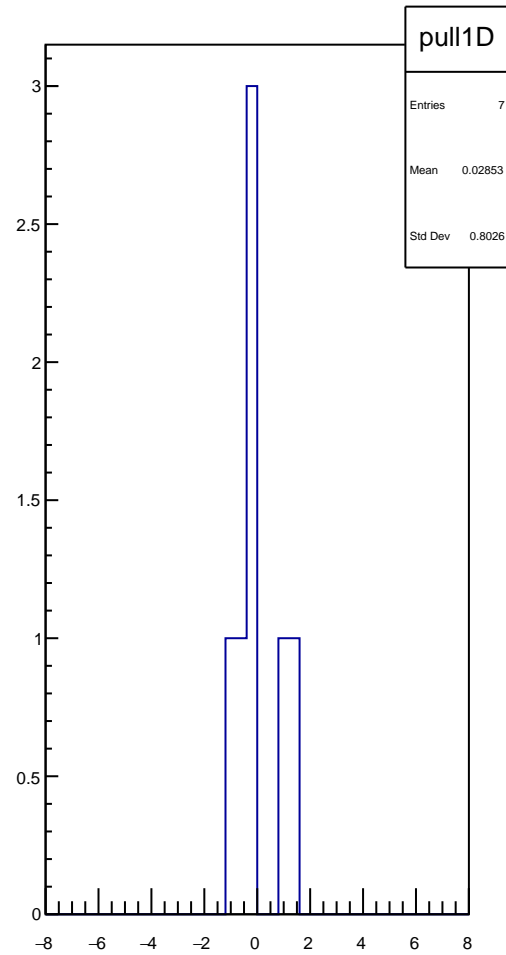
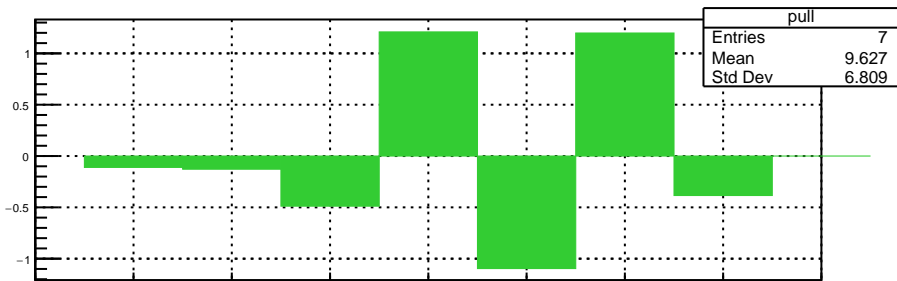
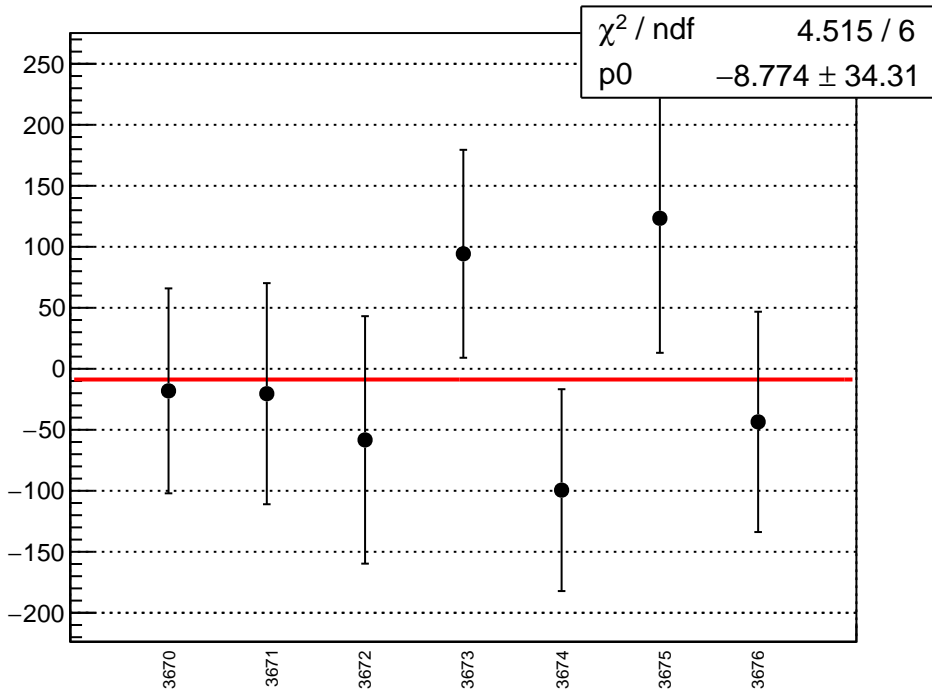
diff_cav4dX_mean vs run



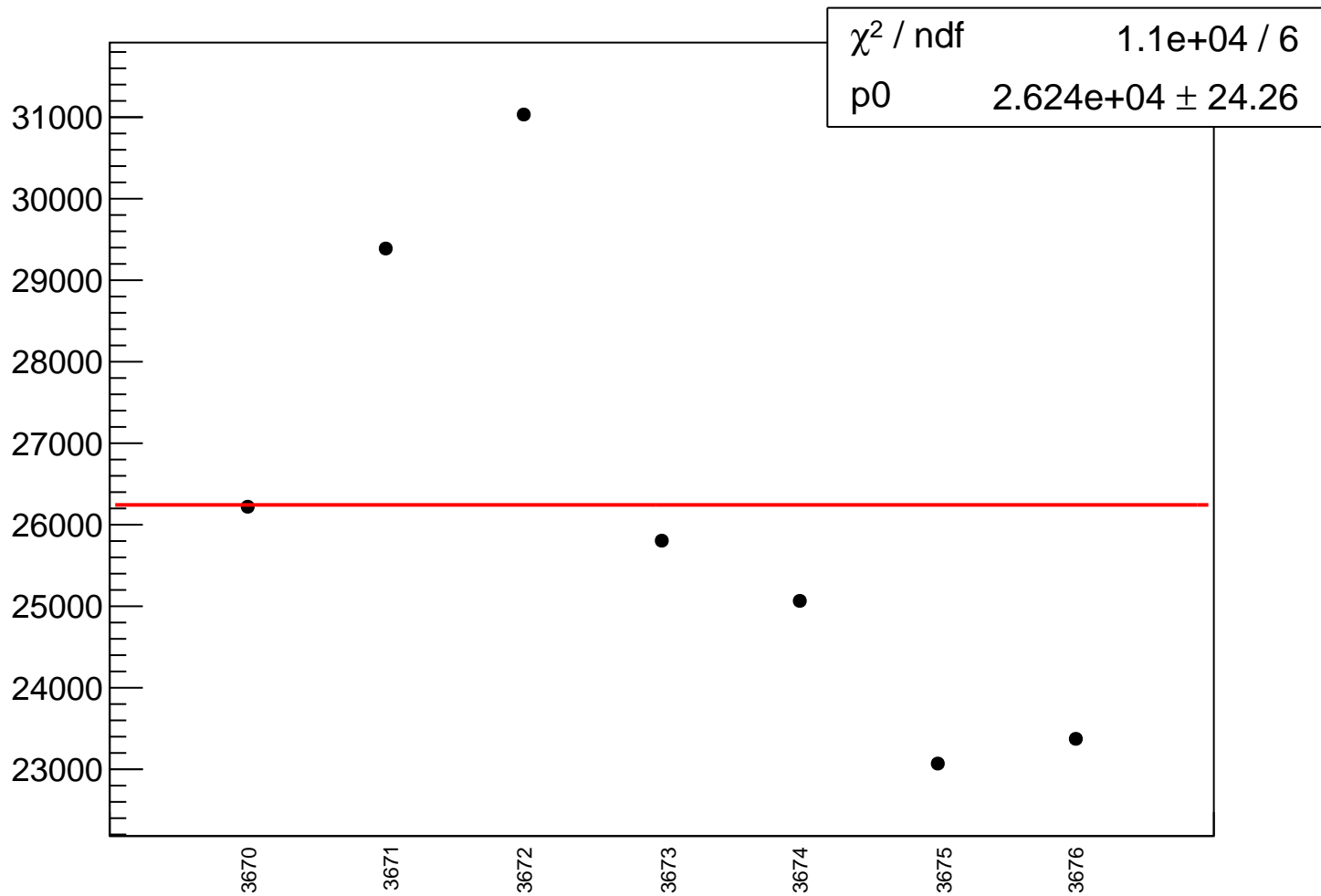
diff_cav4dX_rms vs run



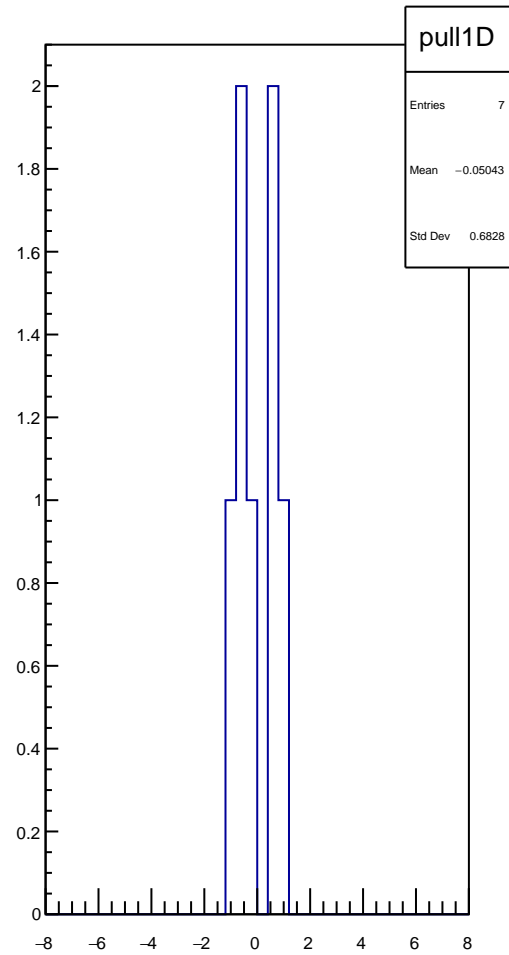
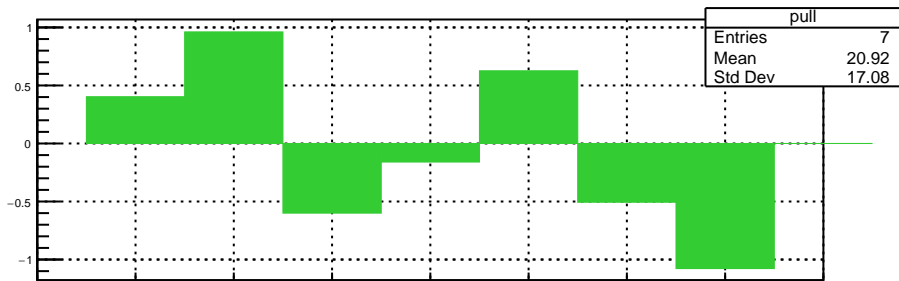
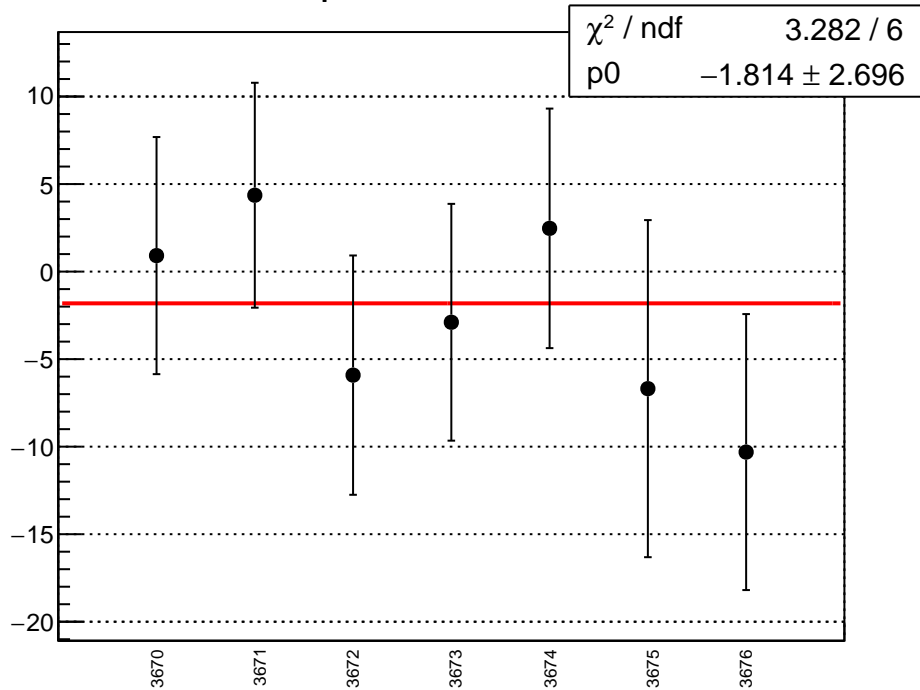
diff_cav4dY_mean vs run



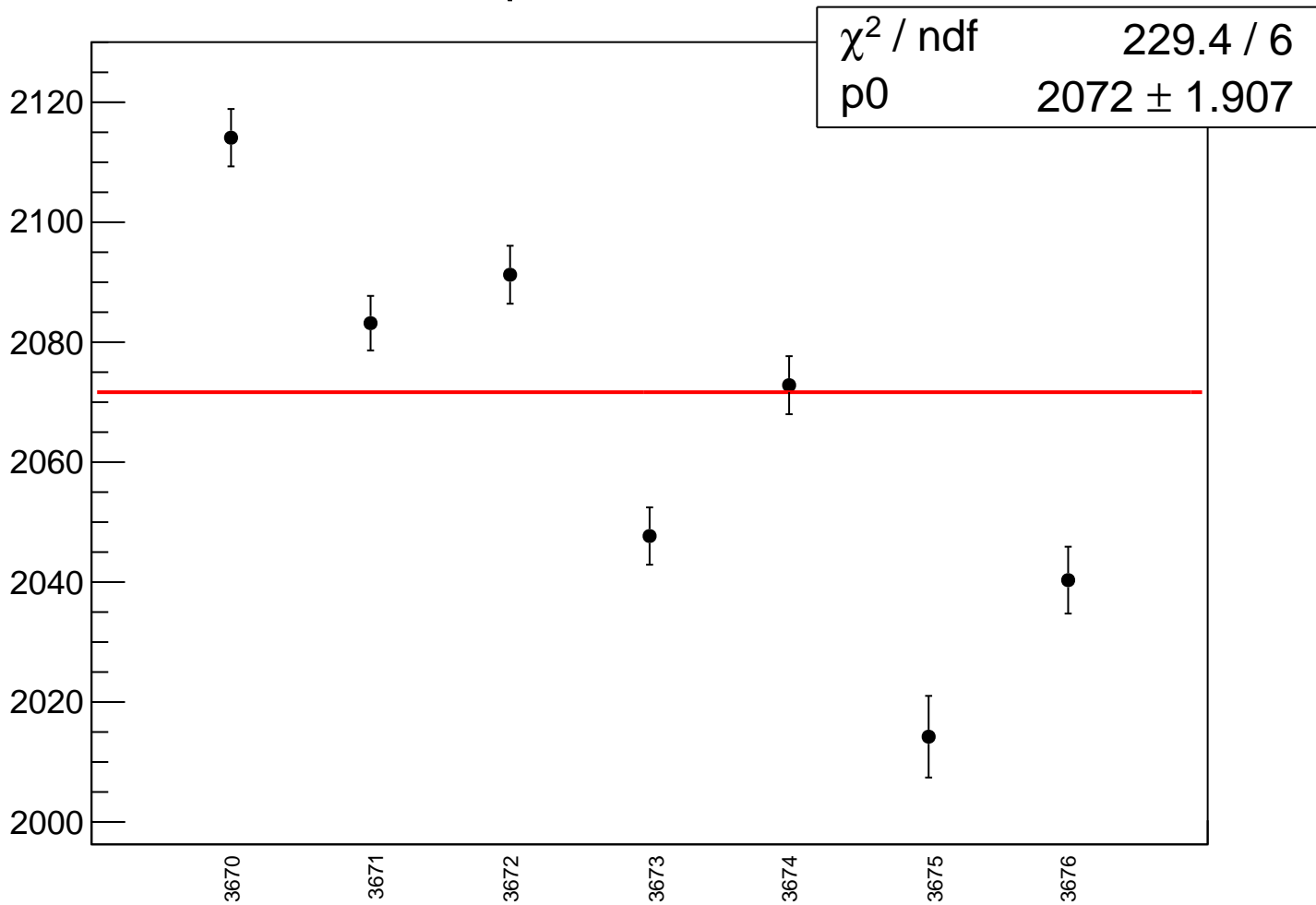
diff_cav4dY_rms vs run



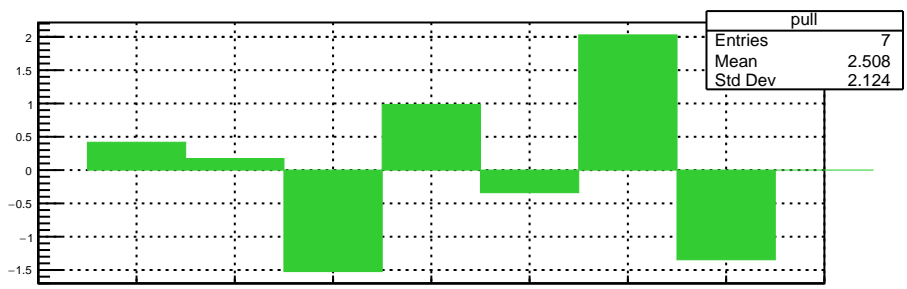
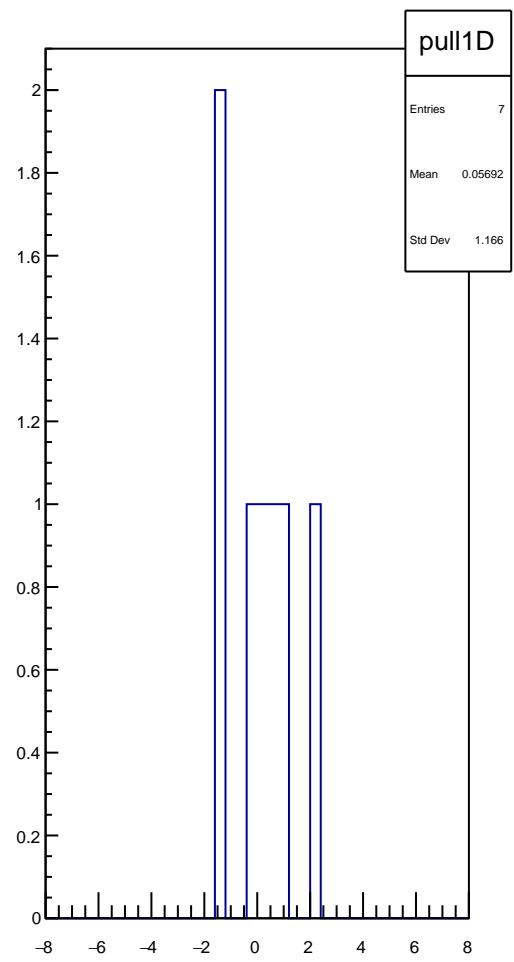
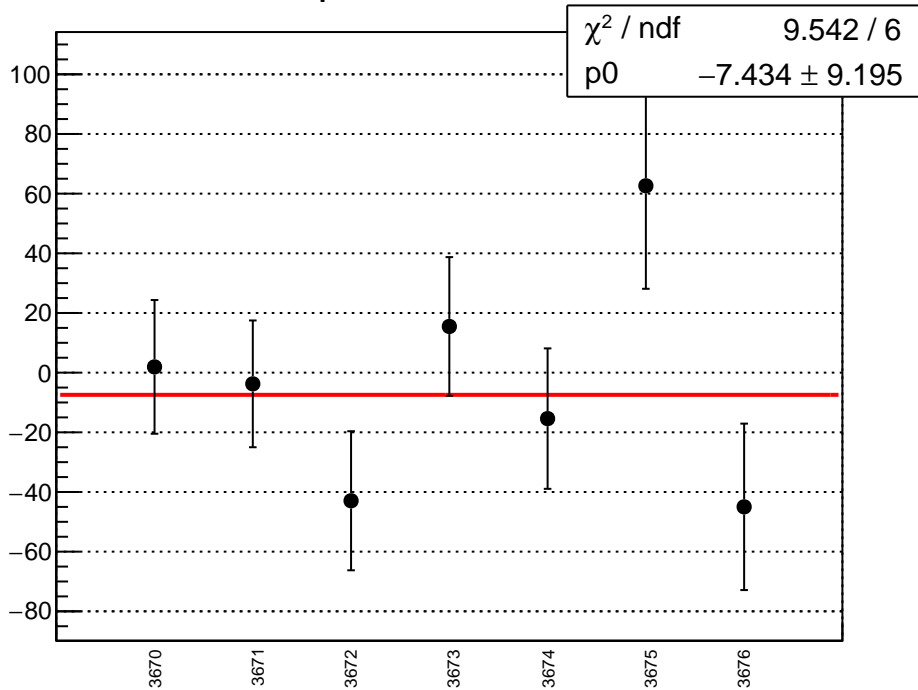
diff_bpm4aX_mean vs run



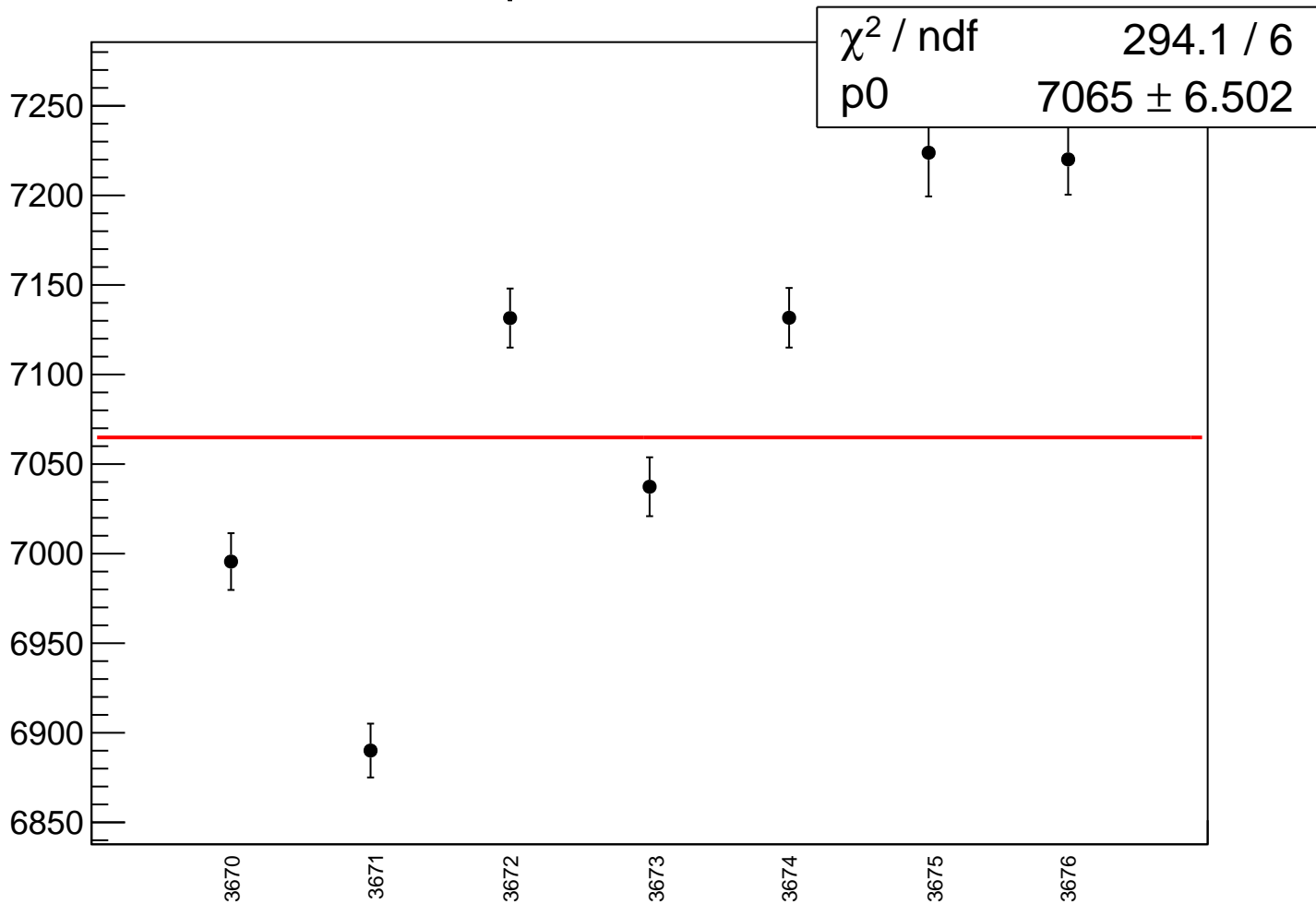
diff_bpm4aX_rms vs run



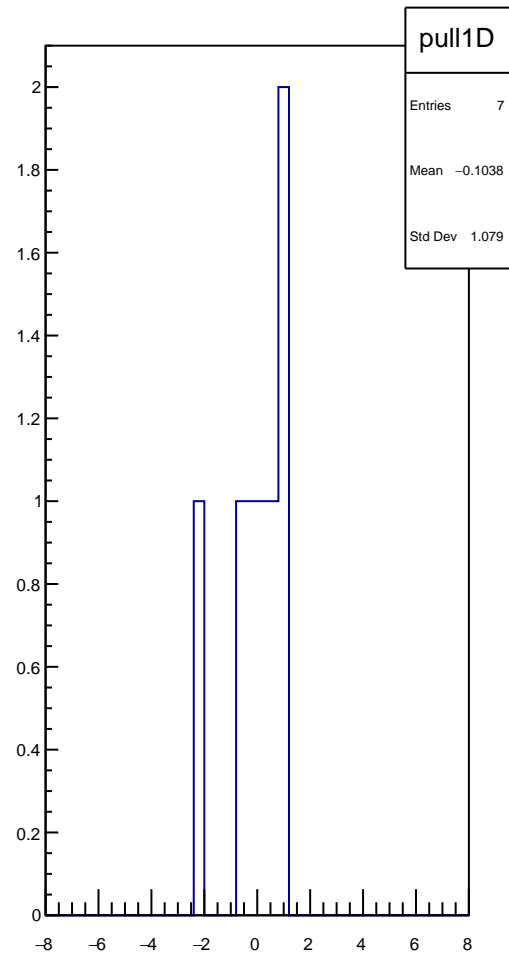
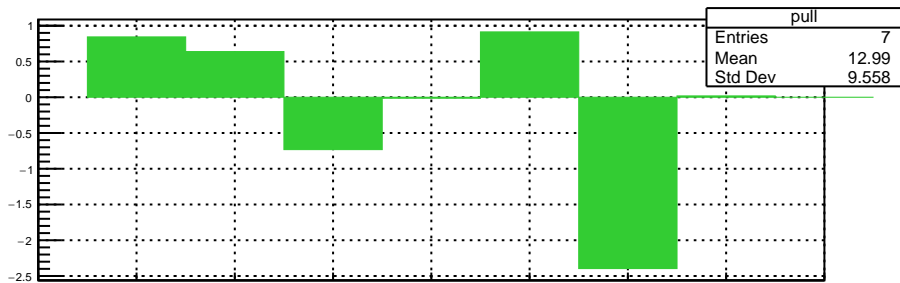
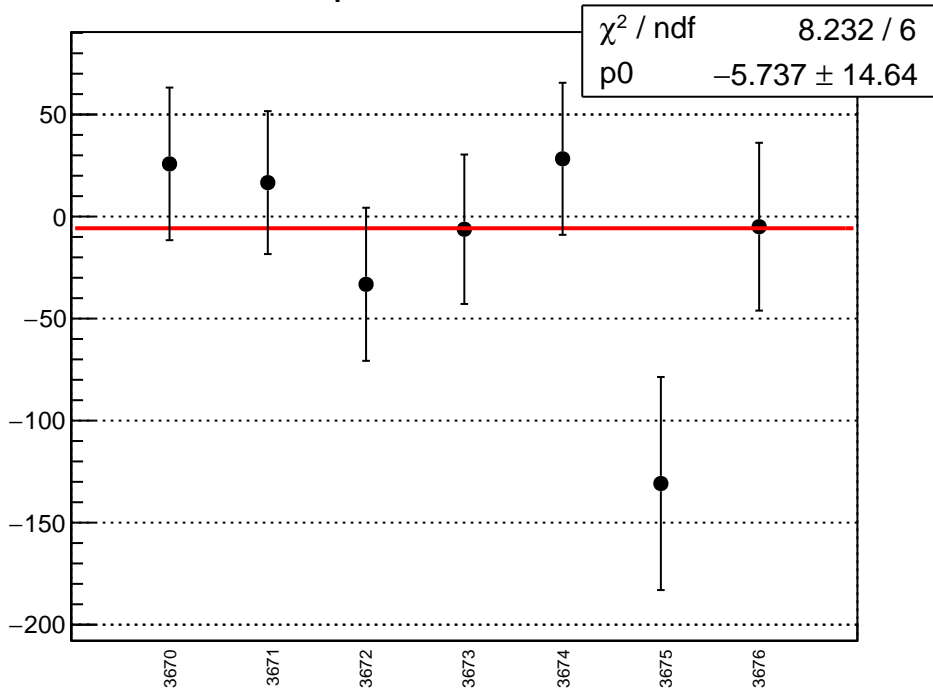
diff_bpm4aY_mean vs run



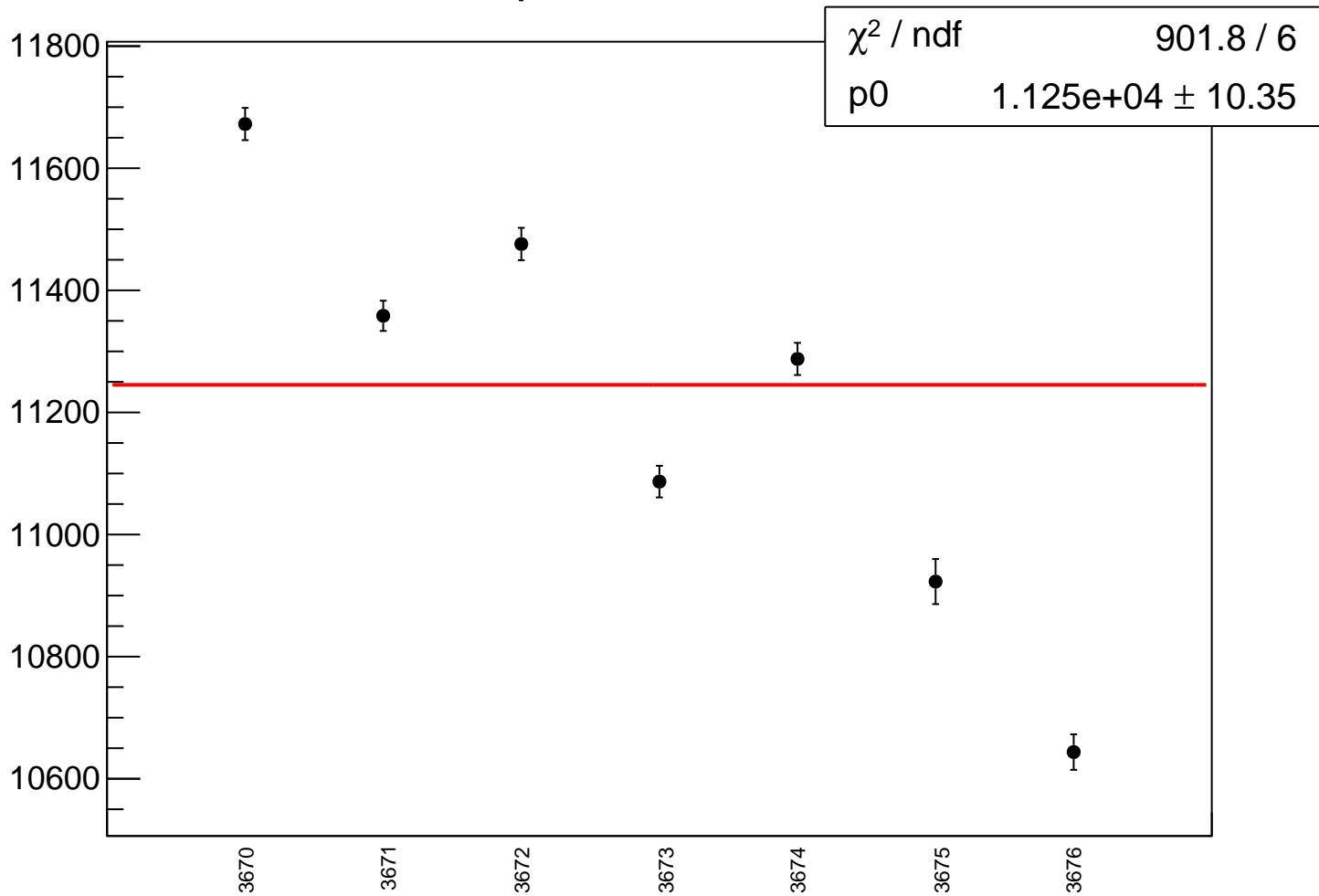
diff_bpm4aY_rms vs run



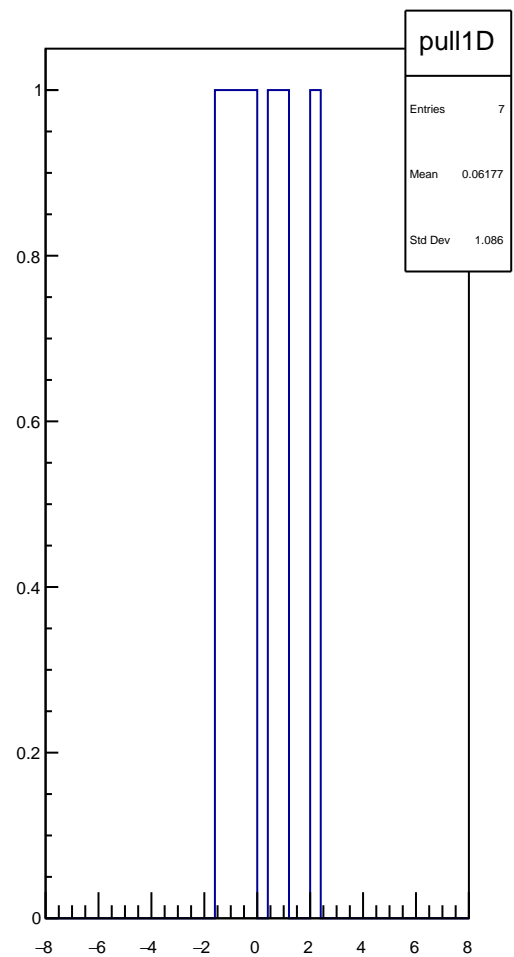
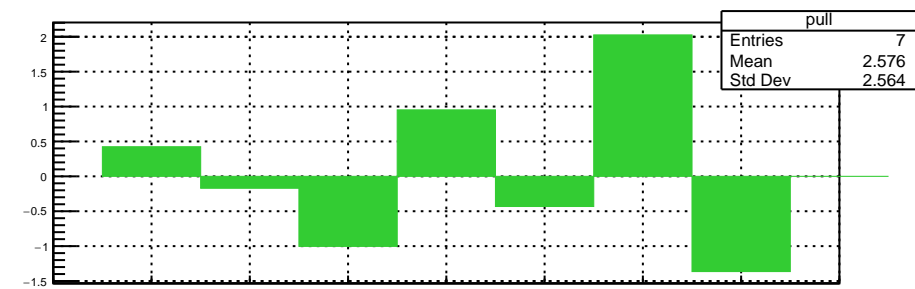
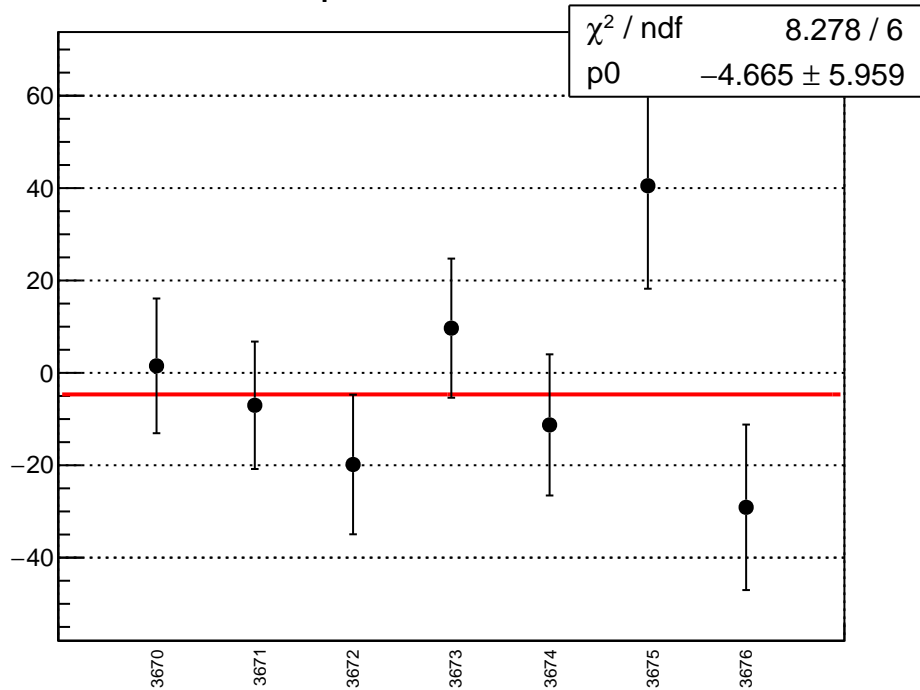
diff_bpm4eX_mean vs run



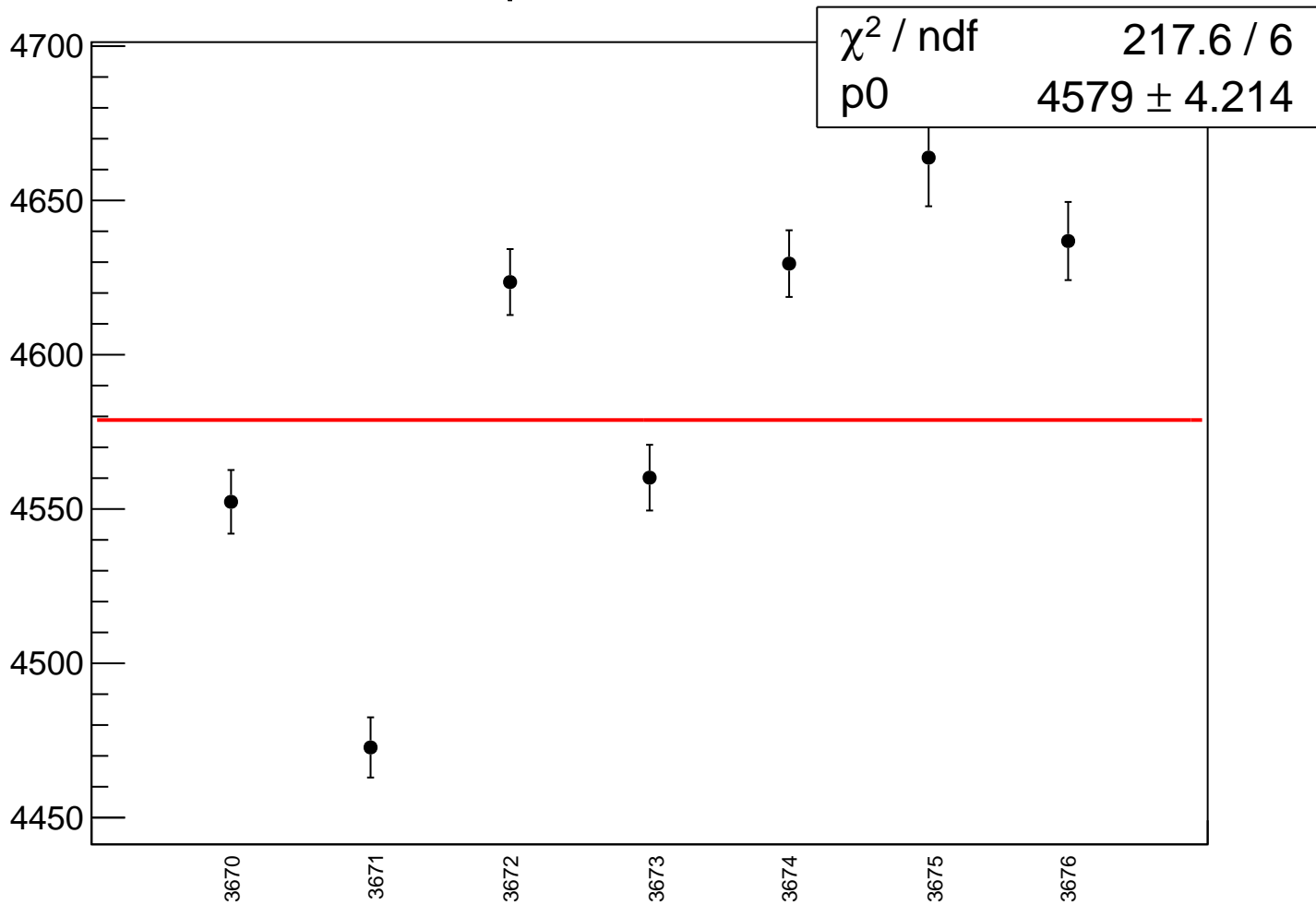
diff_bpm4eX_rms vs run



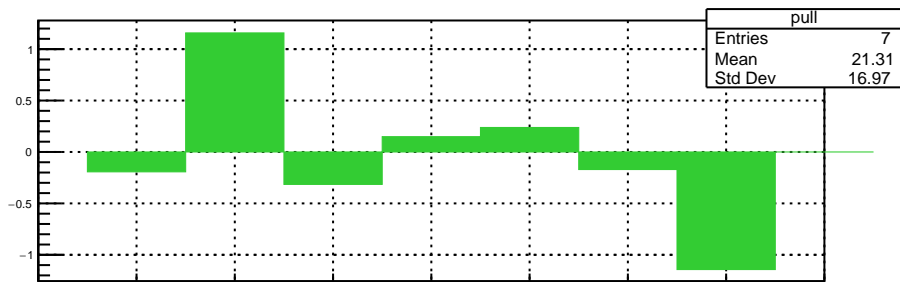
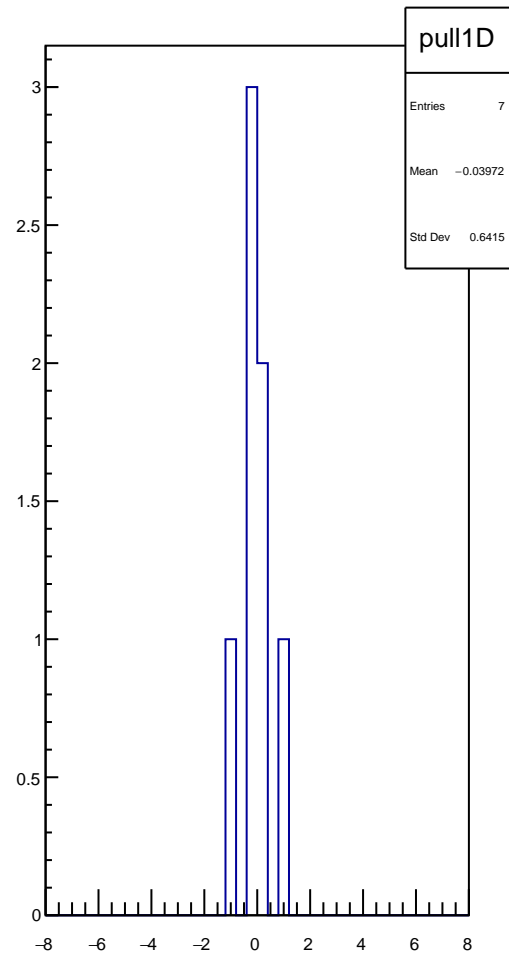
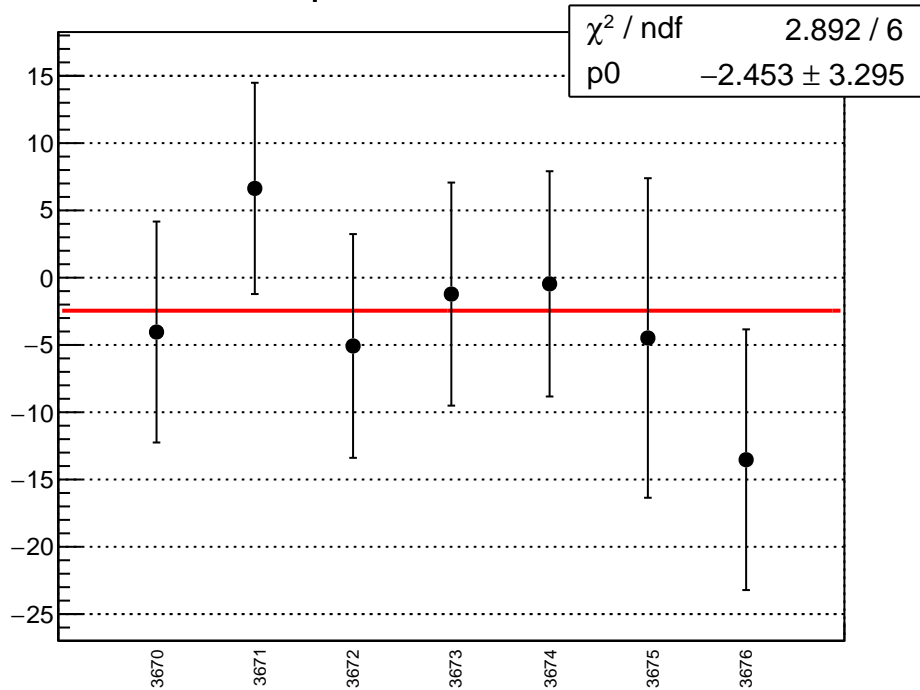
diff_bpm4eY_mean vs run



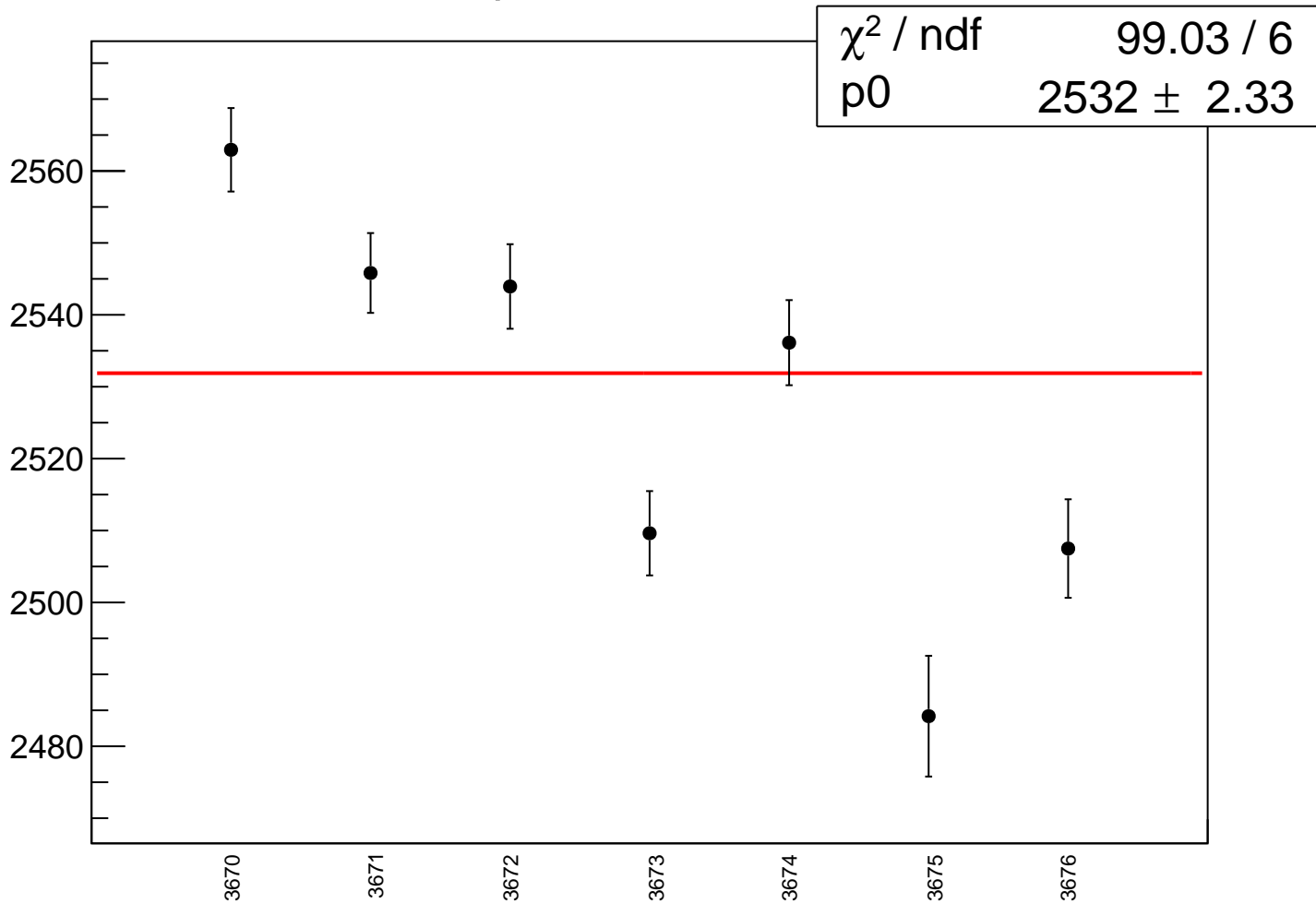
diff_bpm4eY_rms vs run



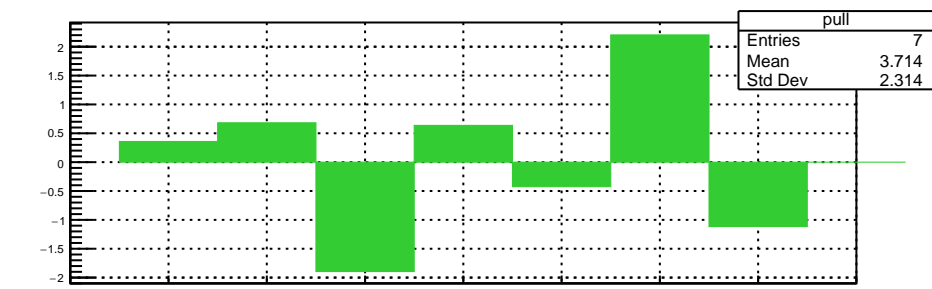
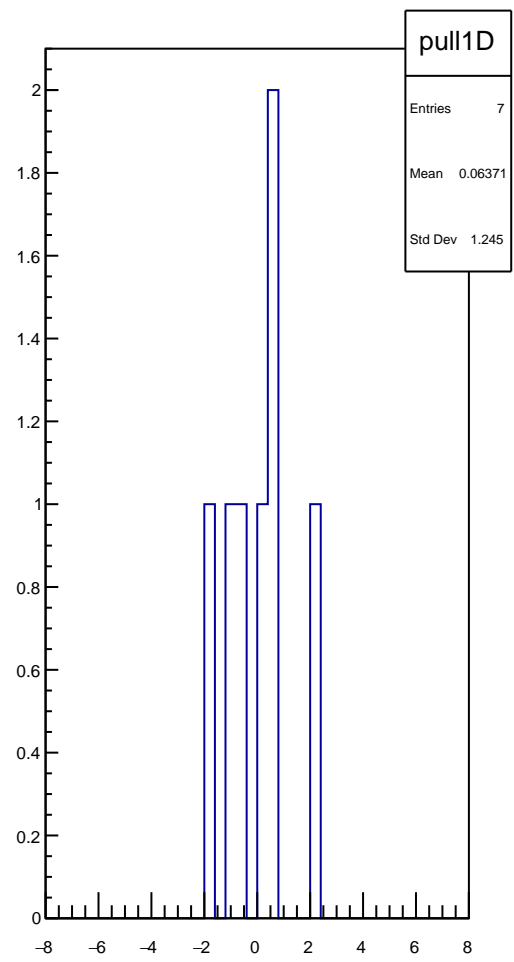
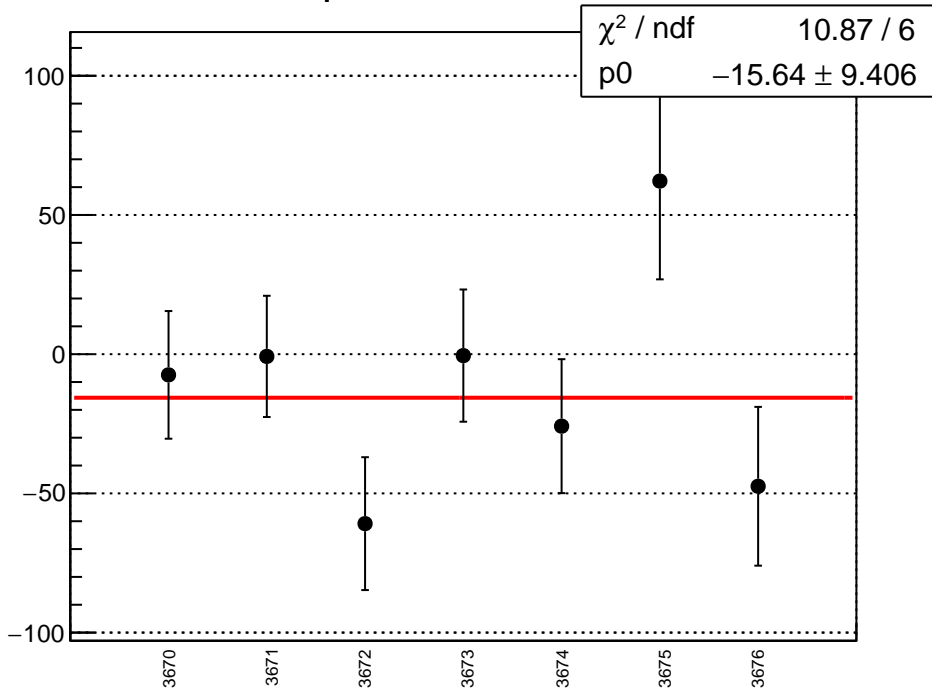
diff_bpm4acX_mean vs run



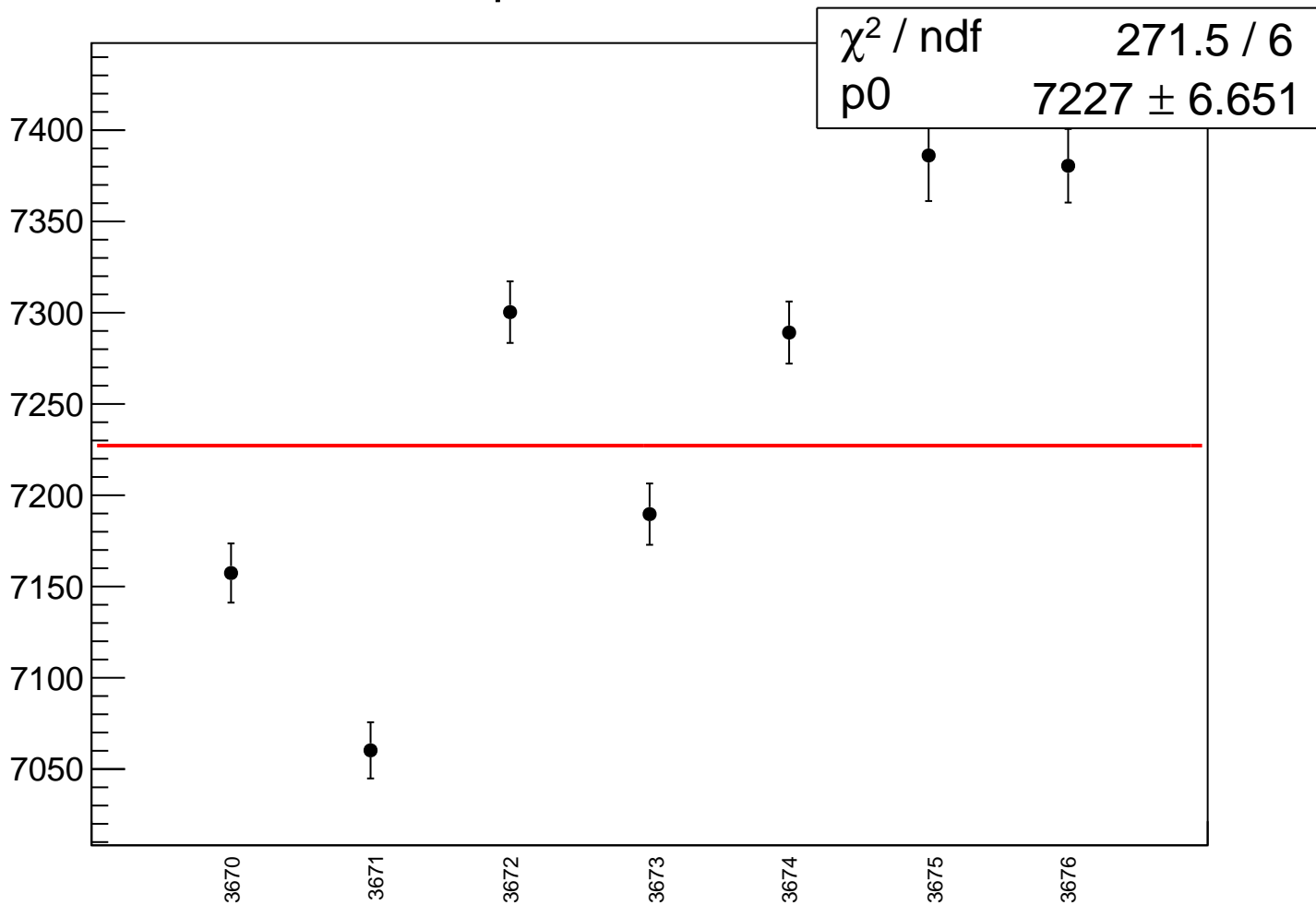
diff_bpm4acX_rms vs run



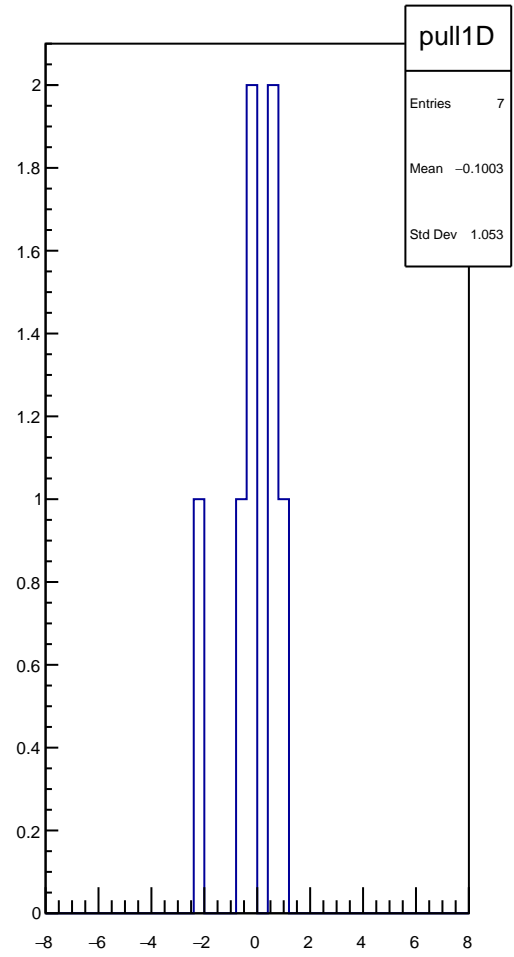
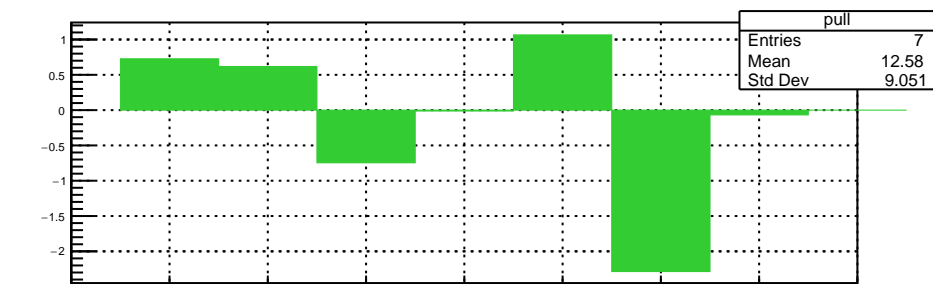
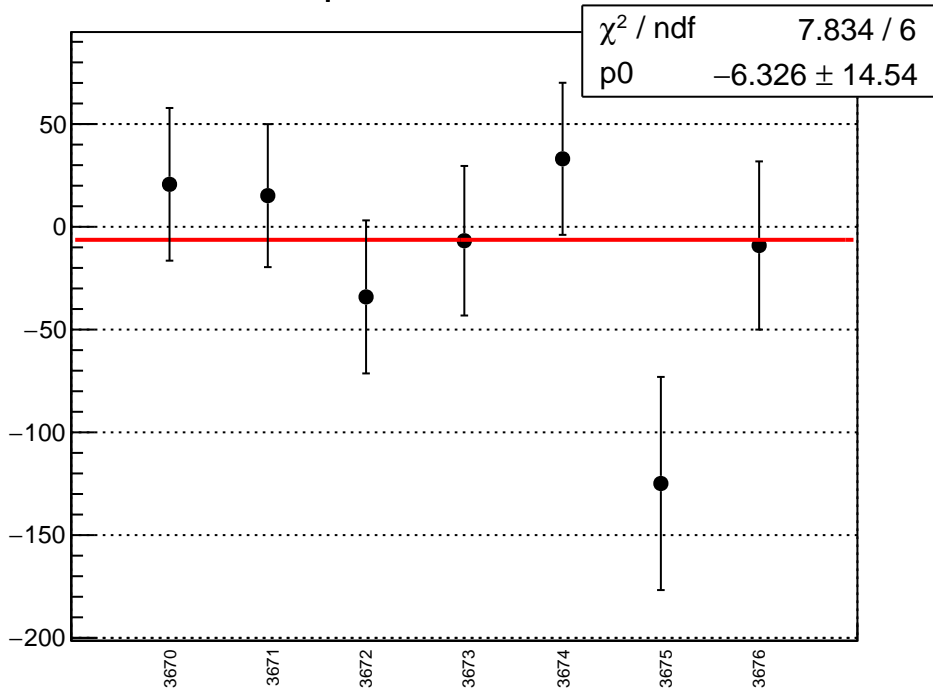
diff_bpm4acY_mean vs run



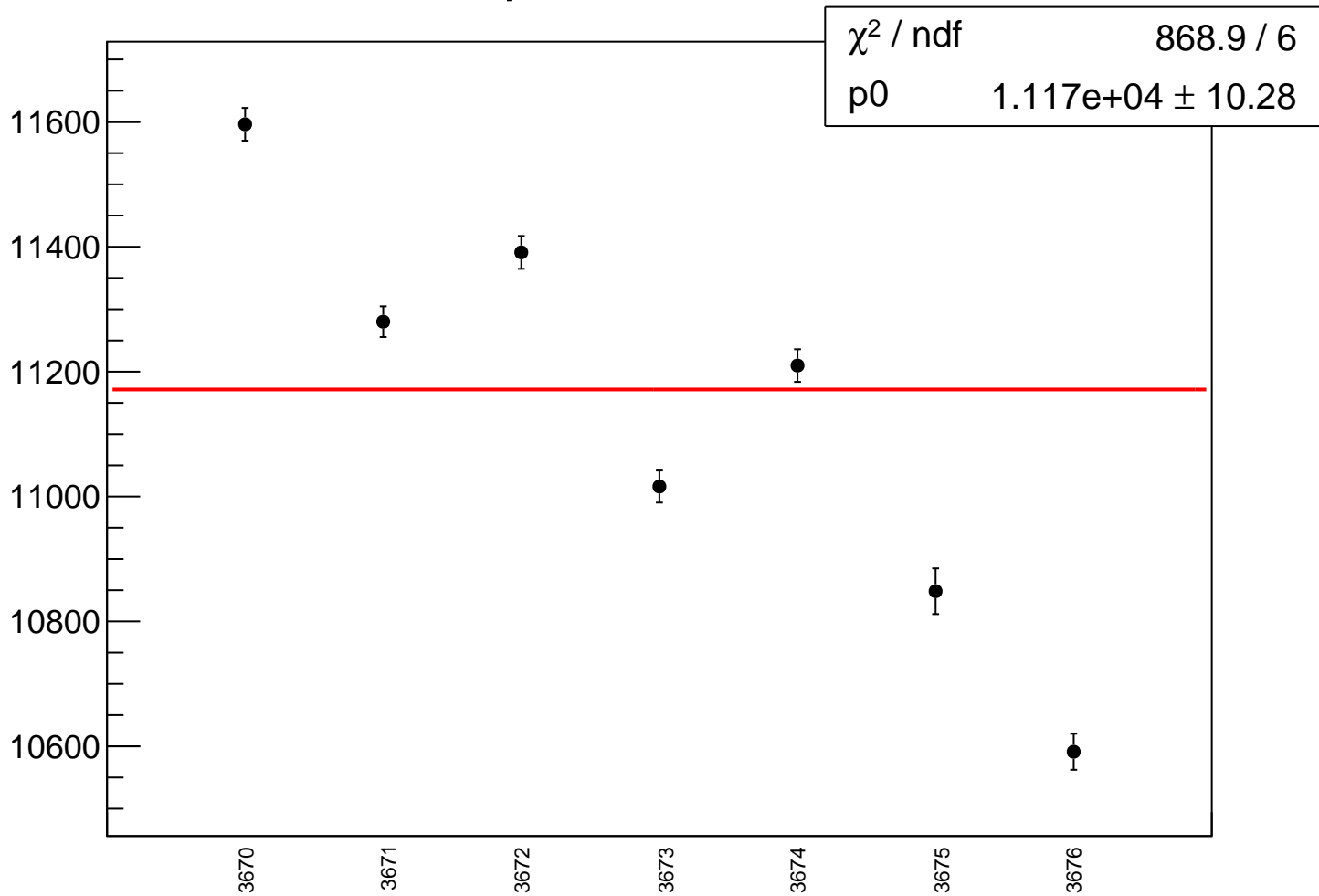
diff_bpm4acY_rms vs run



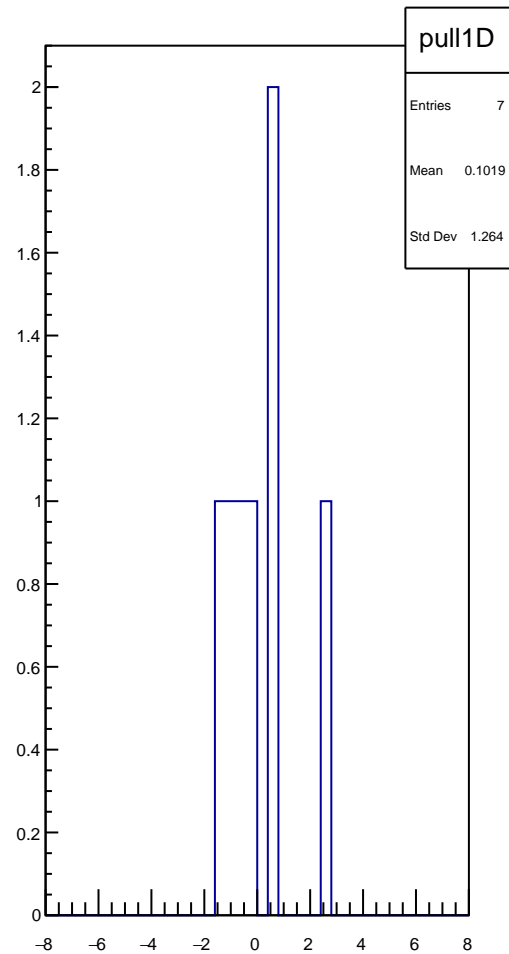
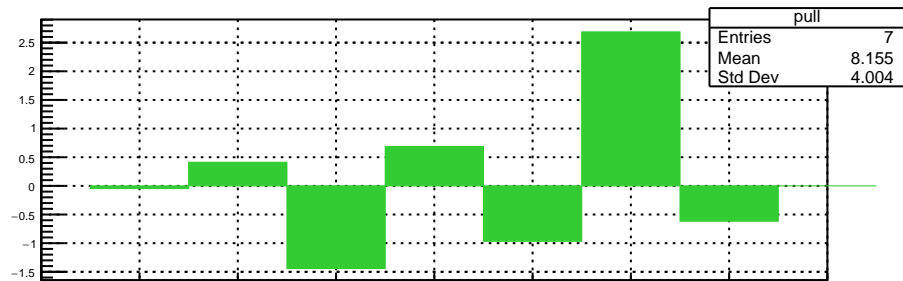
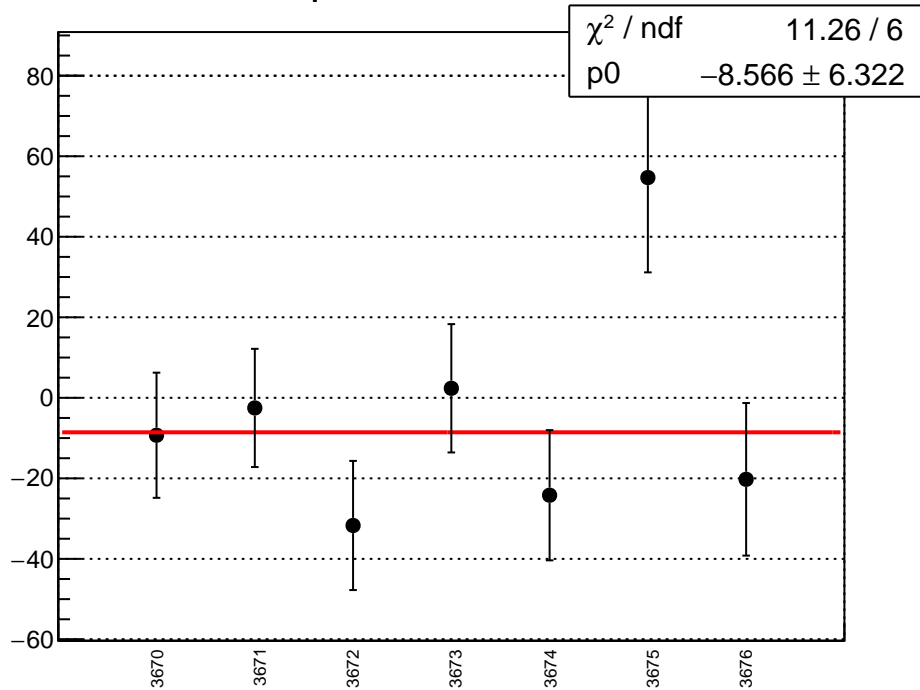
diff_bpm4ecX_mean vs run



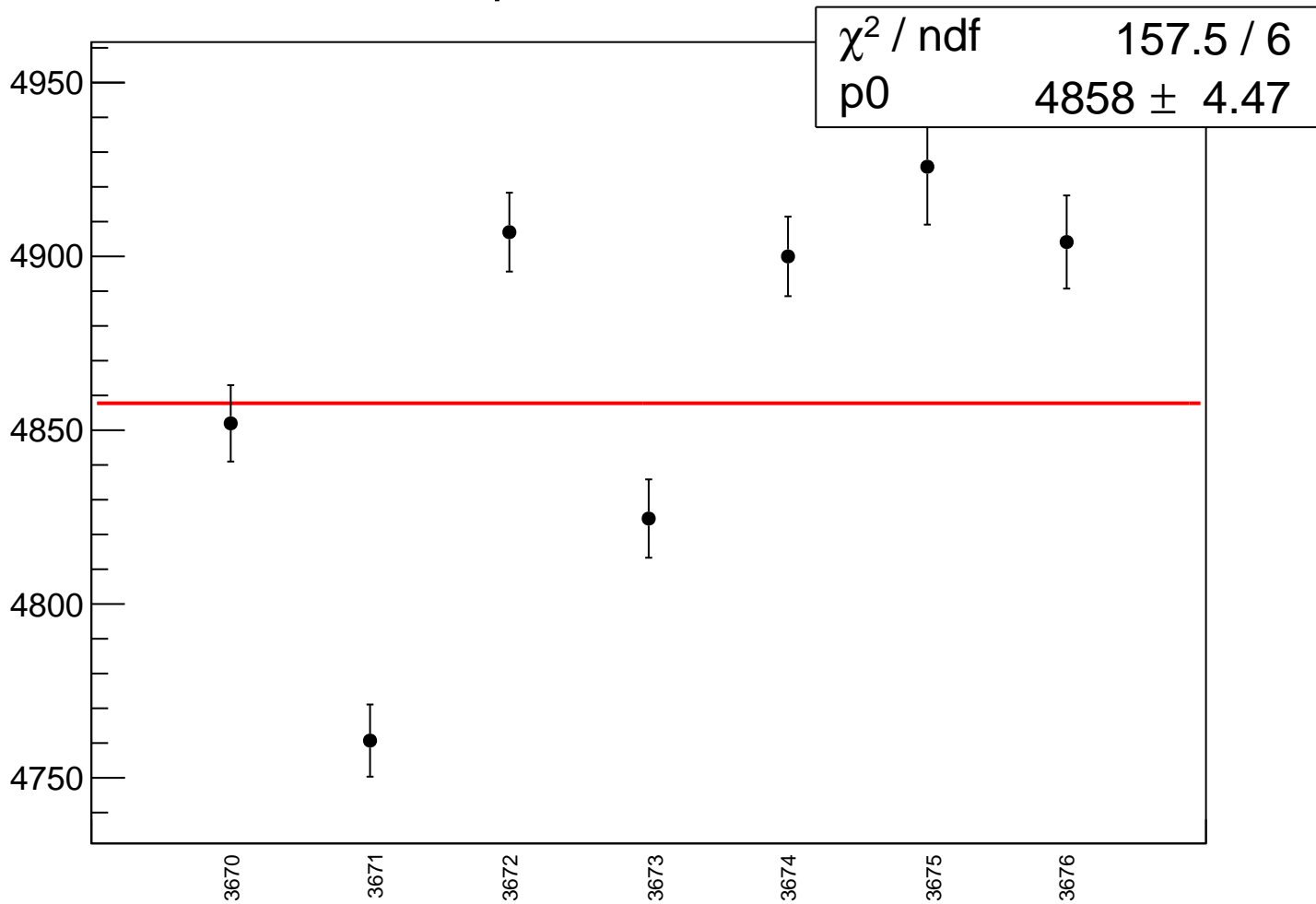
diff_bpm4ecX_rms vs run



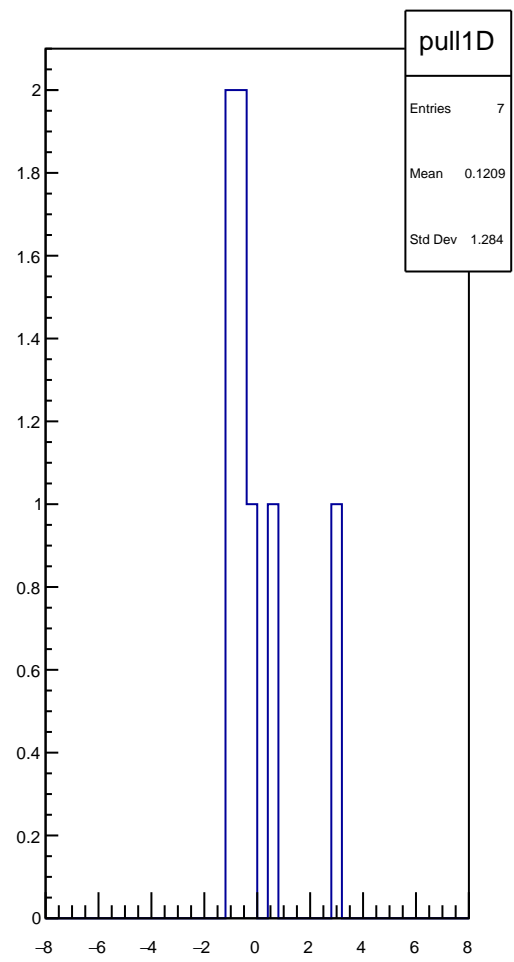
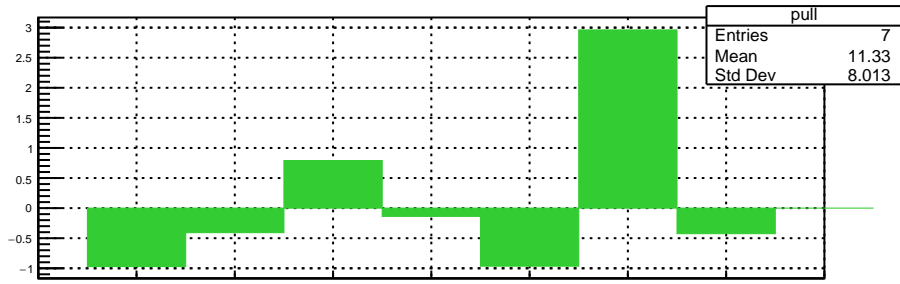
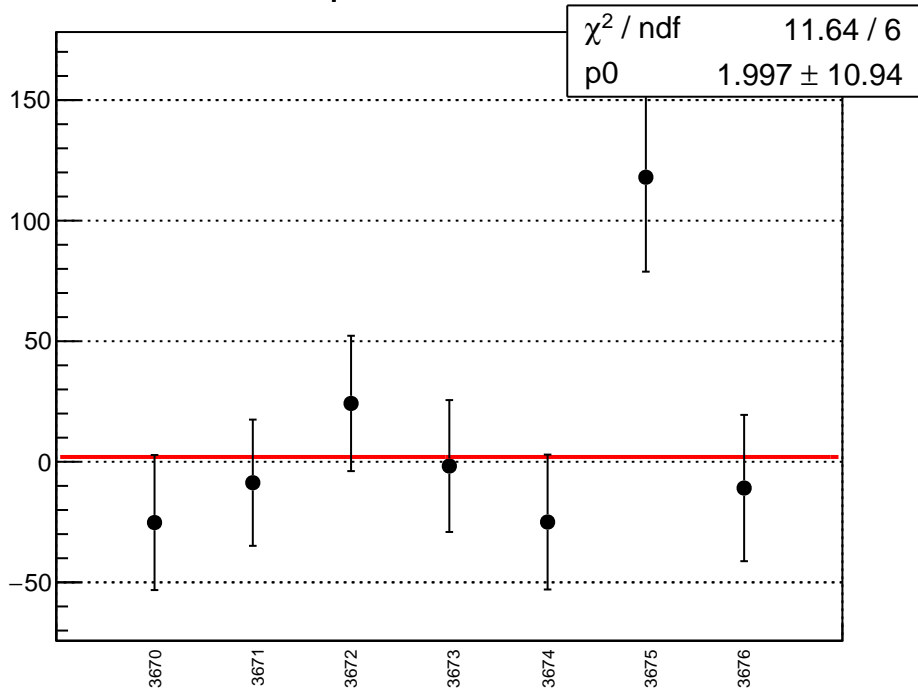
diff_bpm4ecY_mean vs run



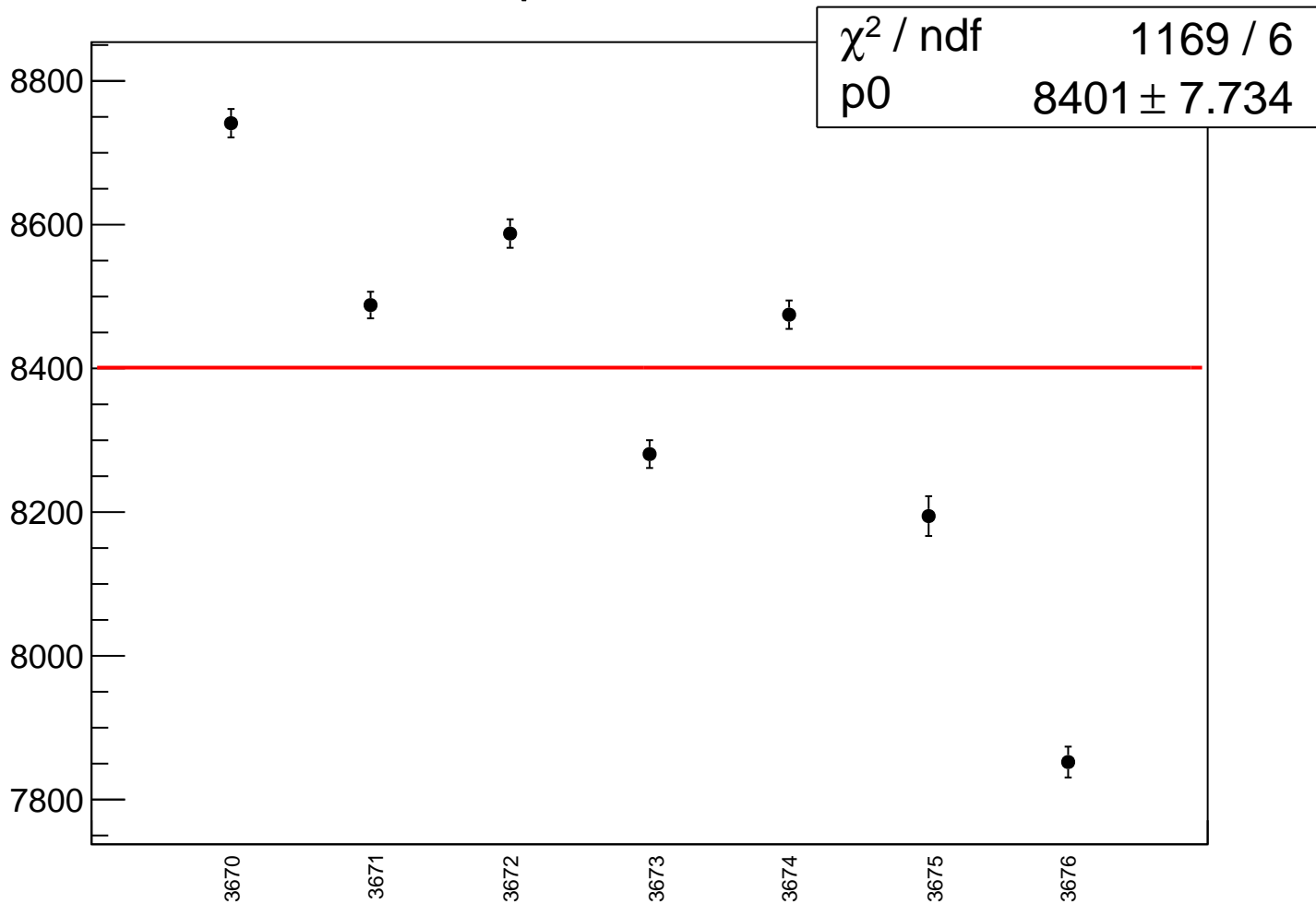
diff_bpm4ecY_rms vs run



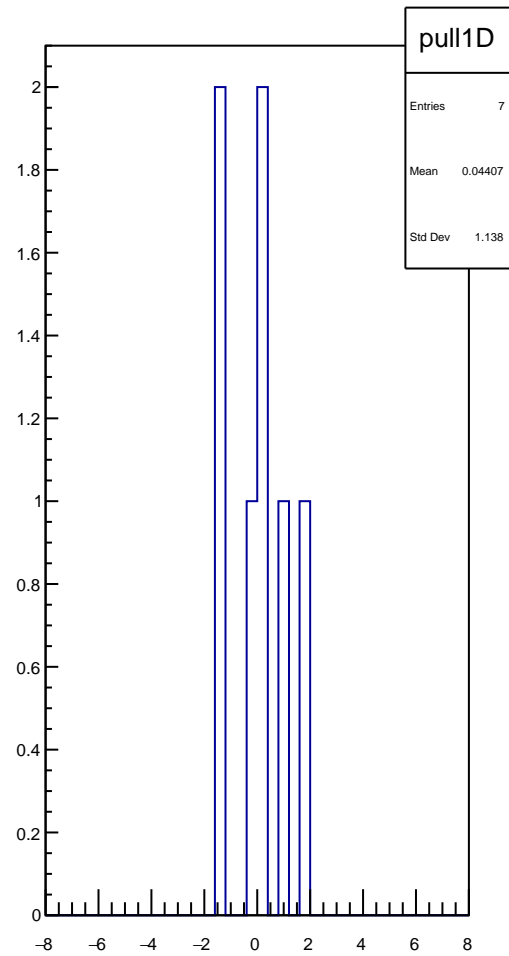
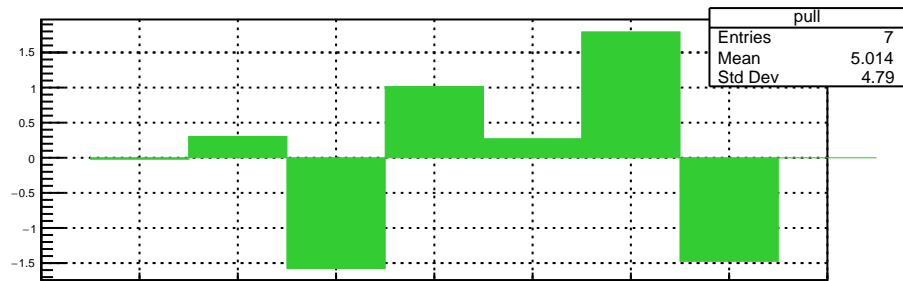
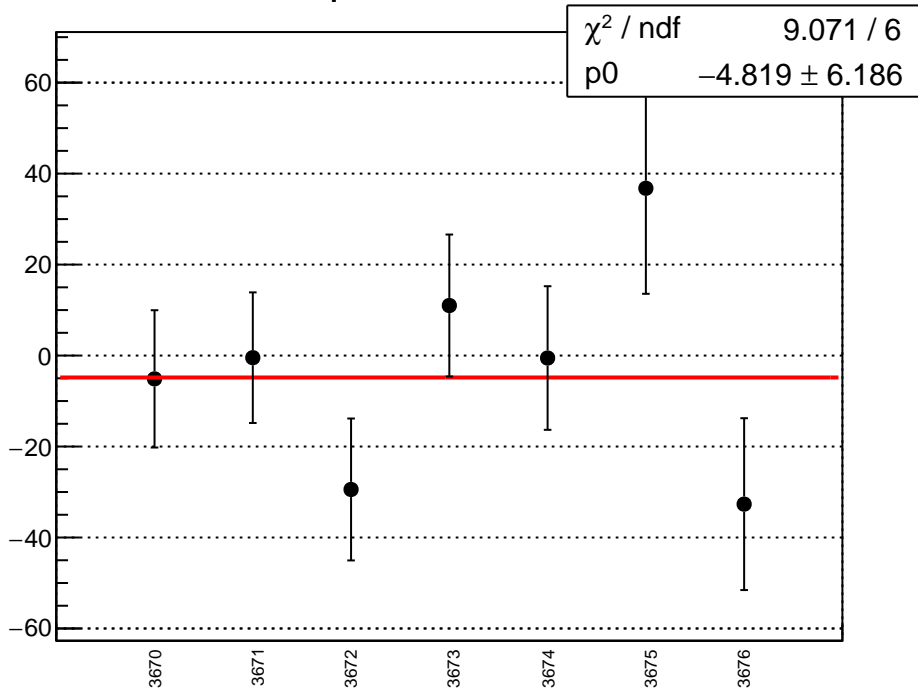
diff_bpm1X_mean vs run



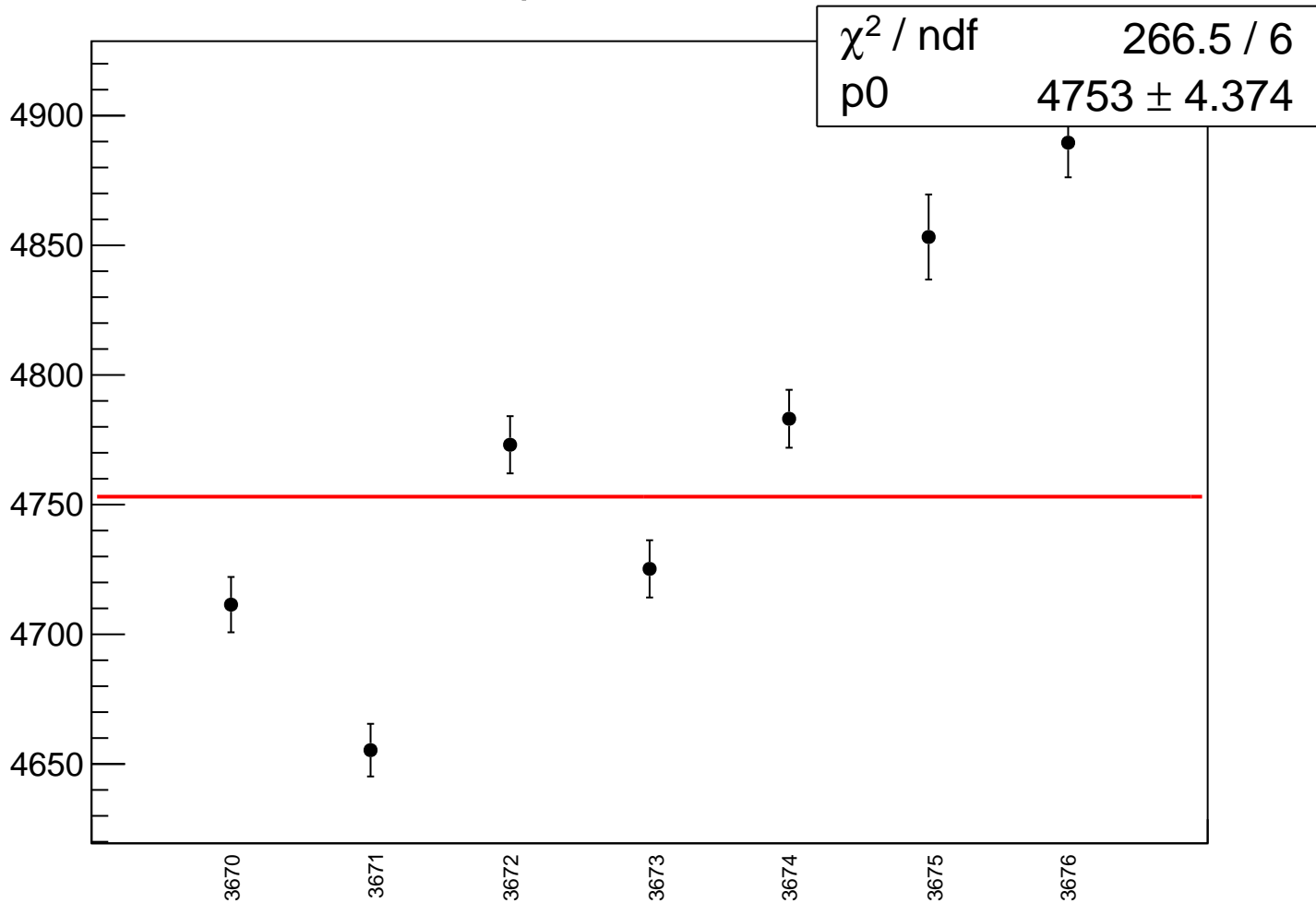
diff_bpm1X_rms vs run



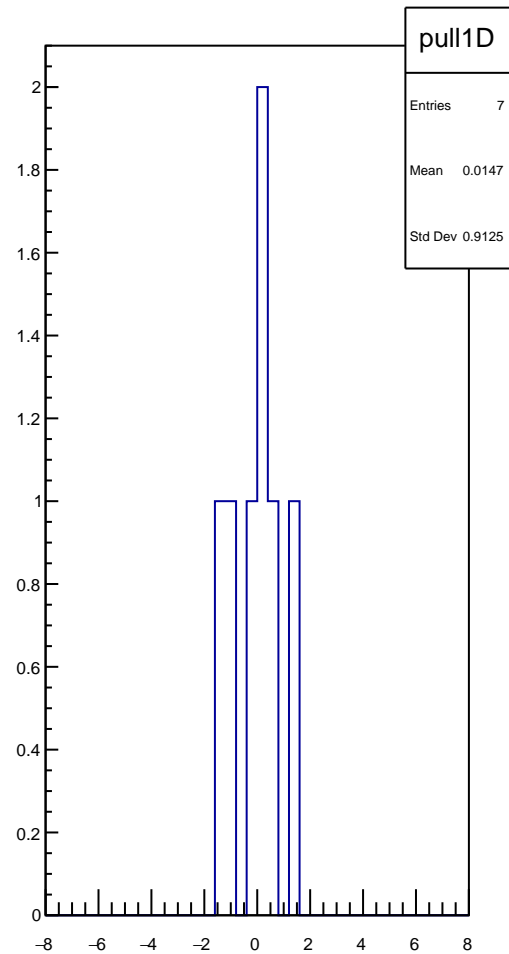
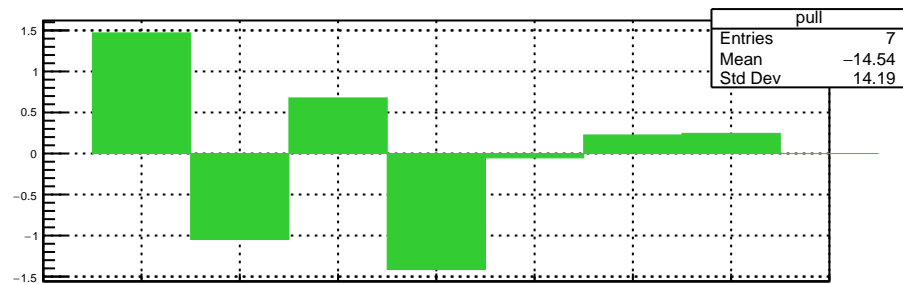
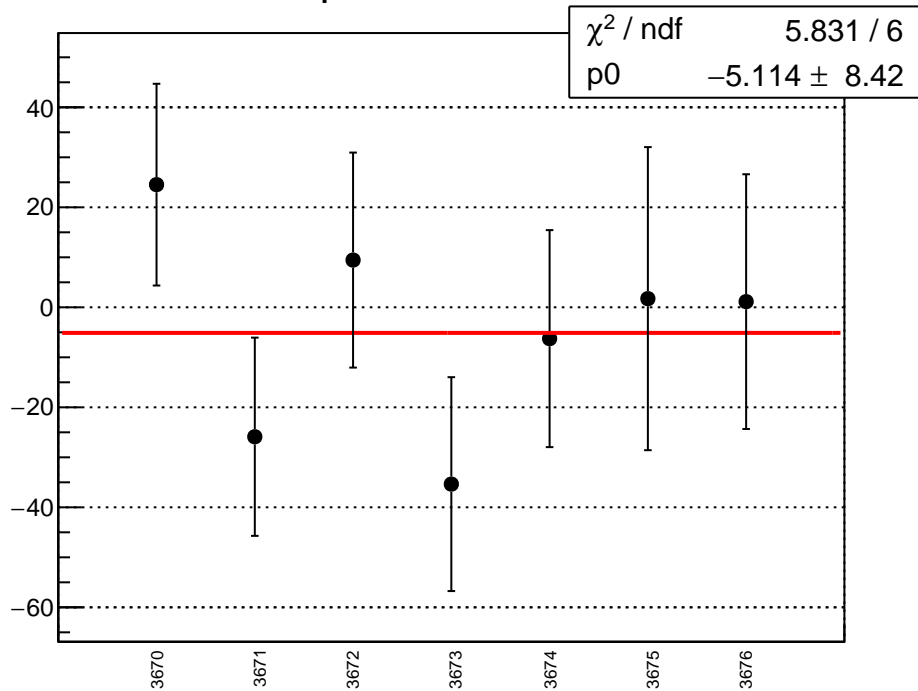
diff_bpm1Y_mean vs run



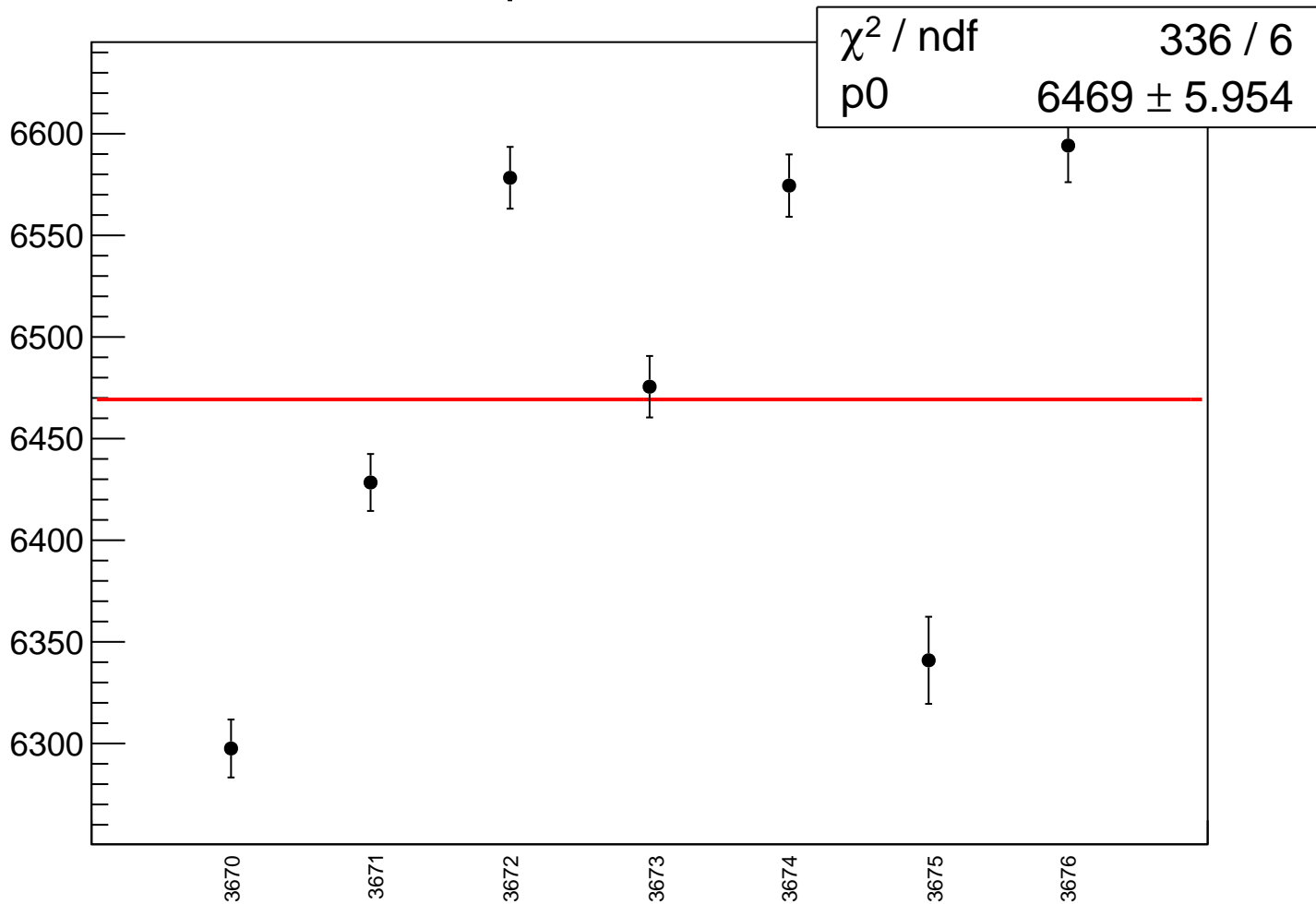
diff_bpm1Y_rms vs run



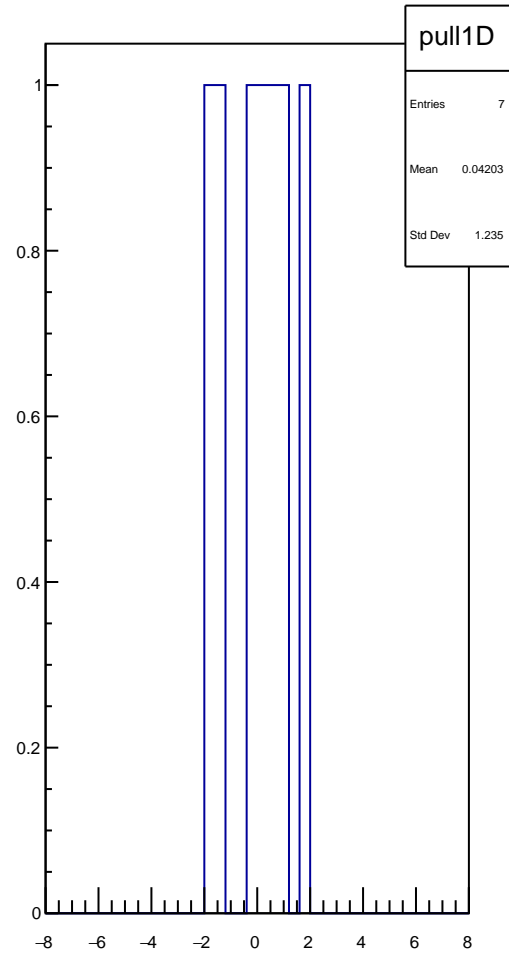
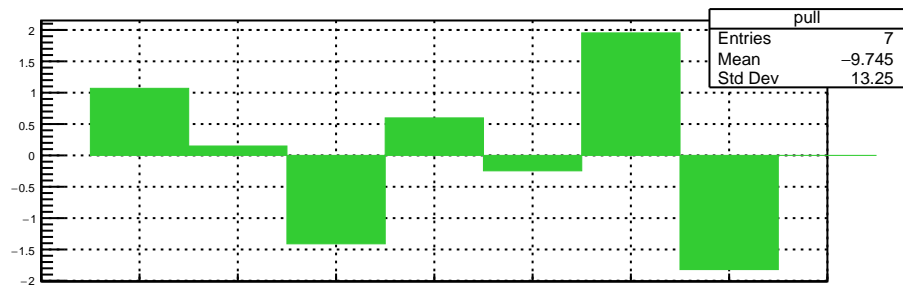
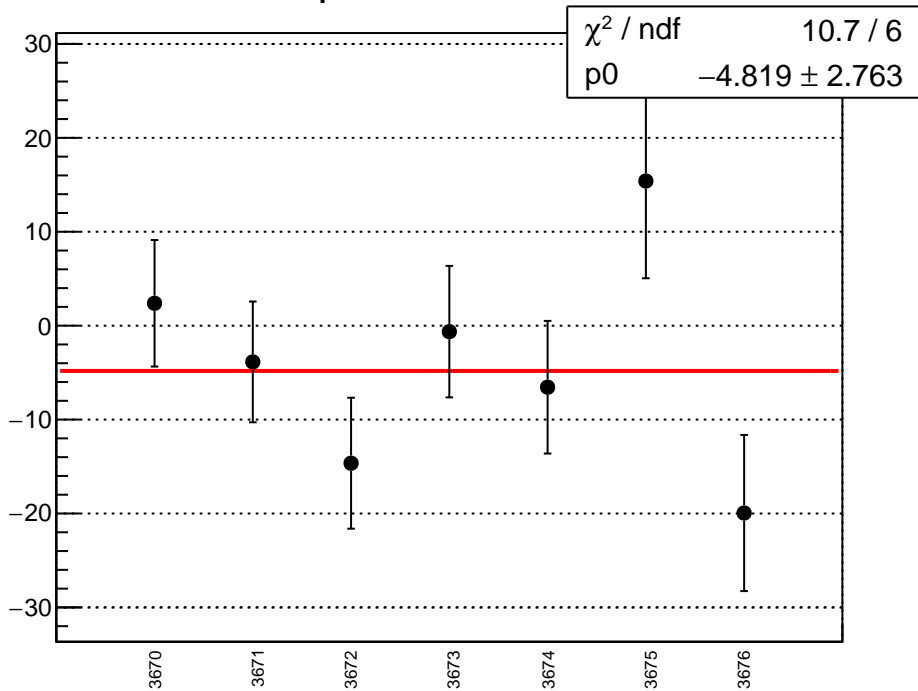
diff_bpm11X_mean vs run



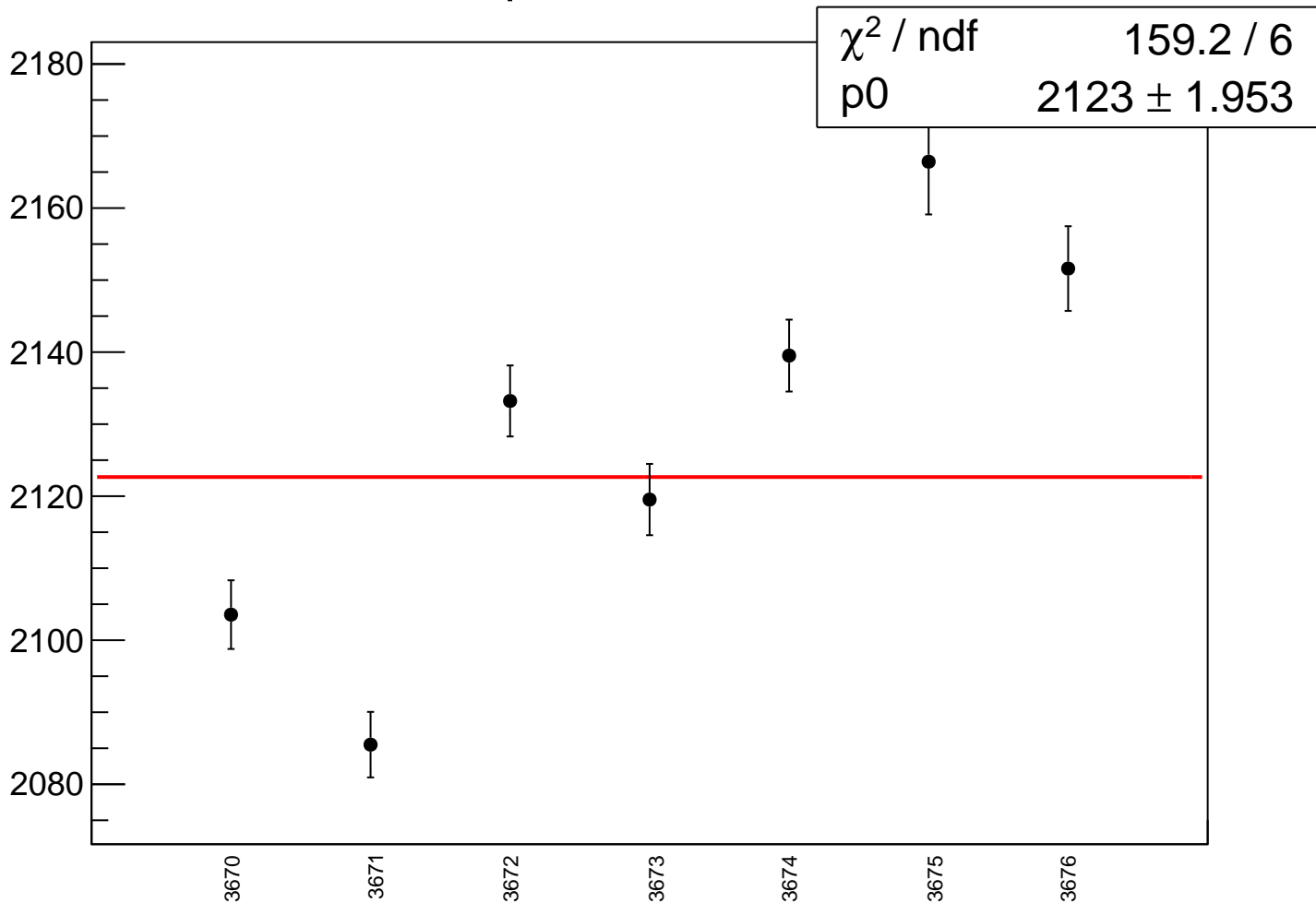
diff_bpm11X_rms vs run



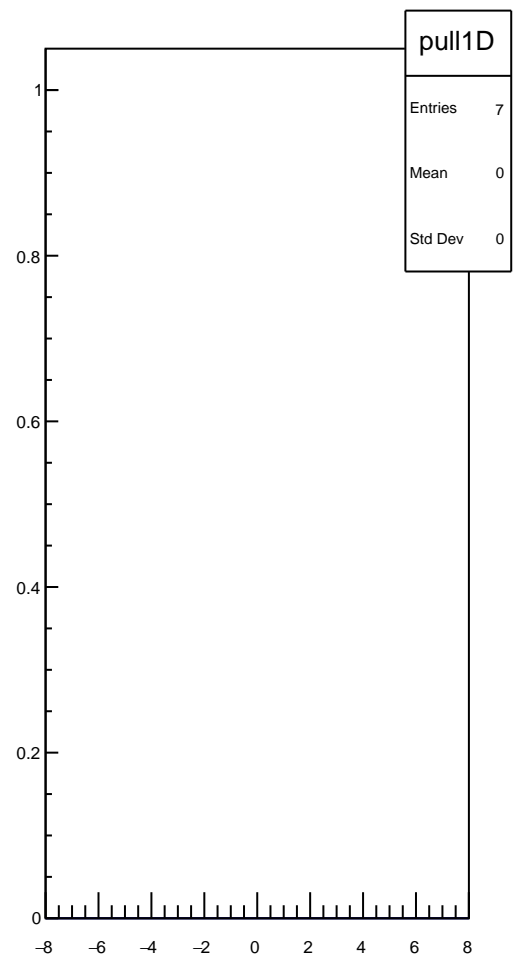
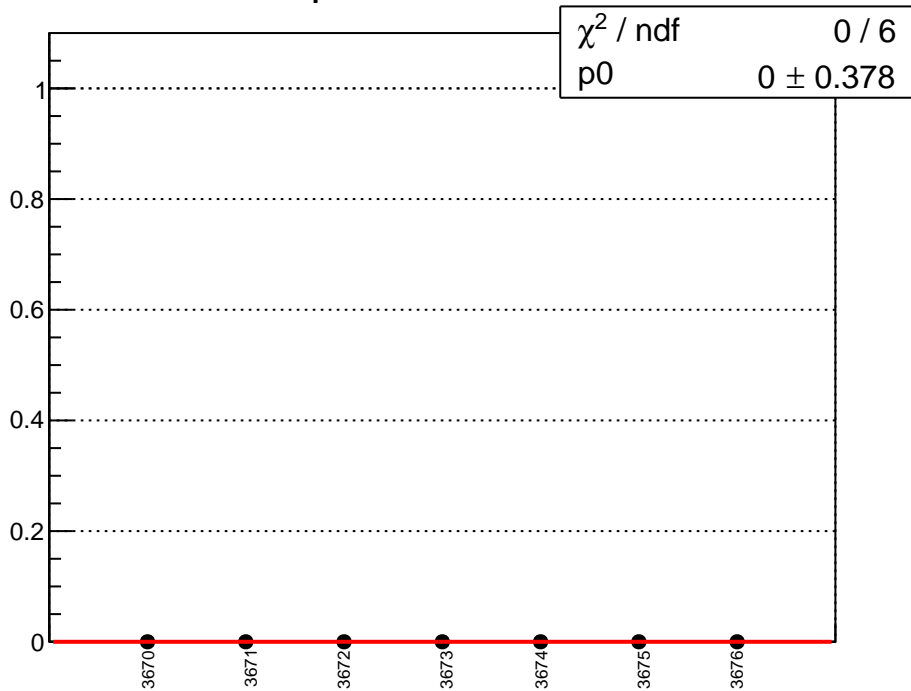
diff_bpm11Y_mean vs run



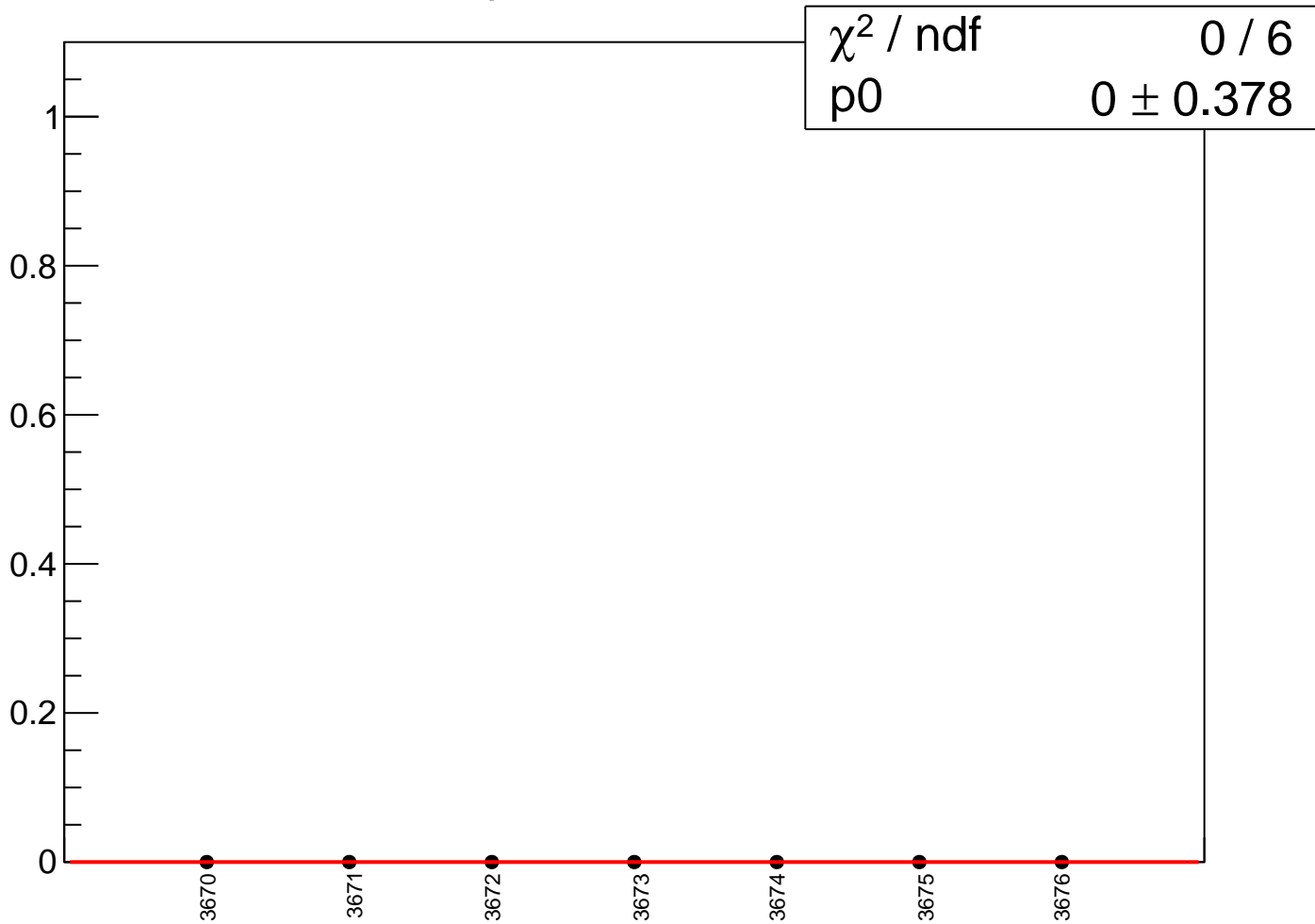
diff_bpm11Y_rms vs run



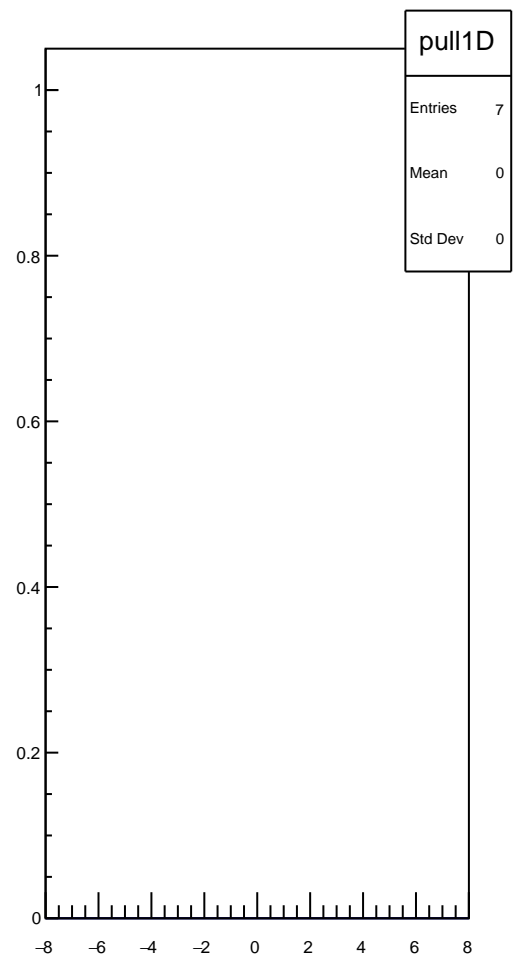
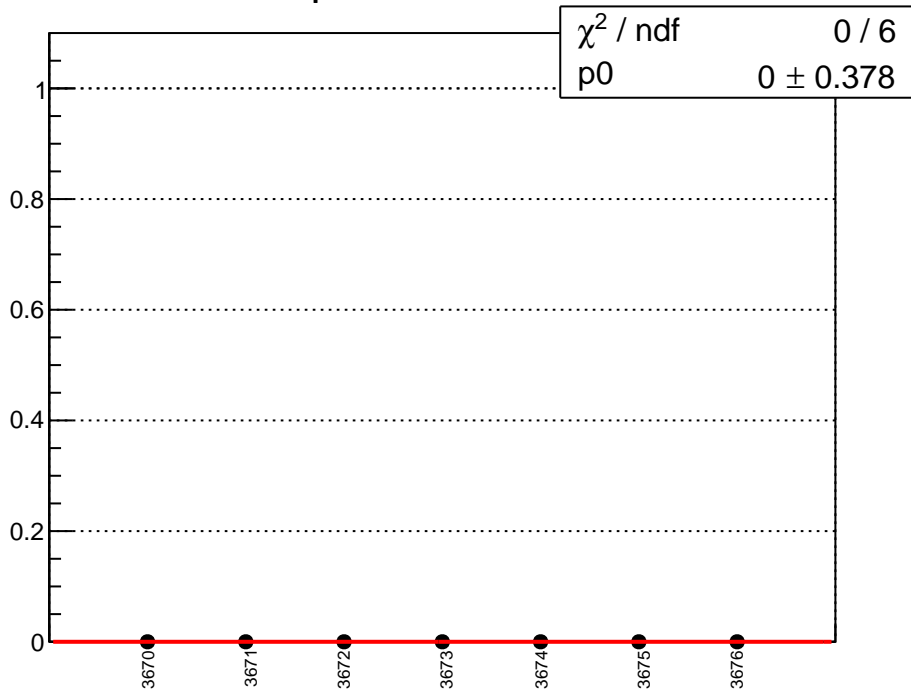
diff_bpm14X_mean vs run



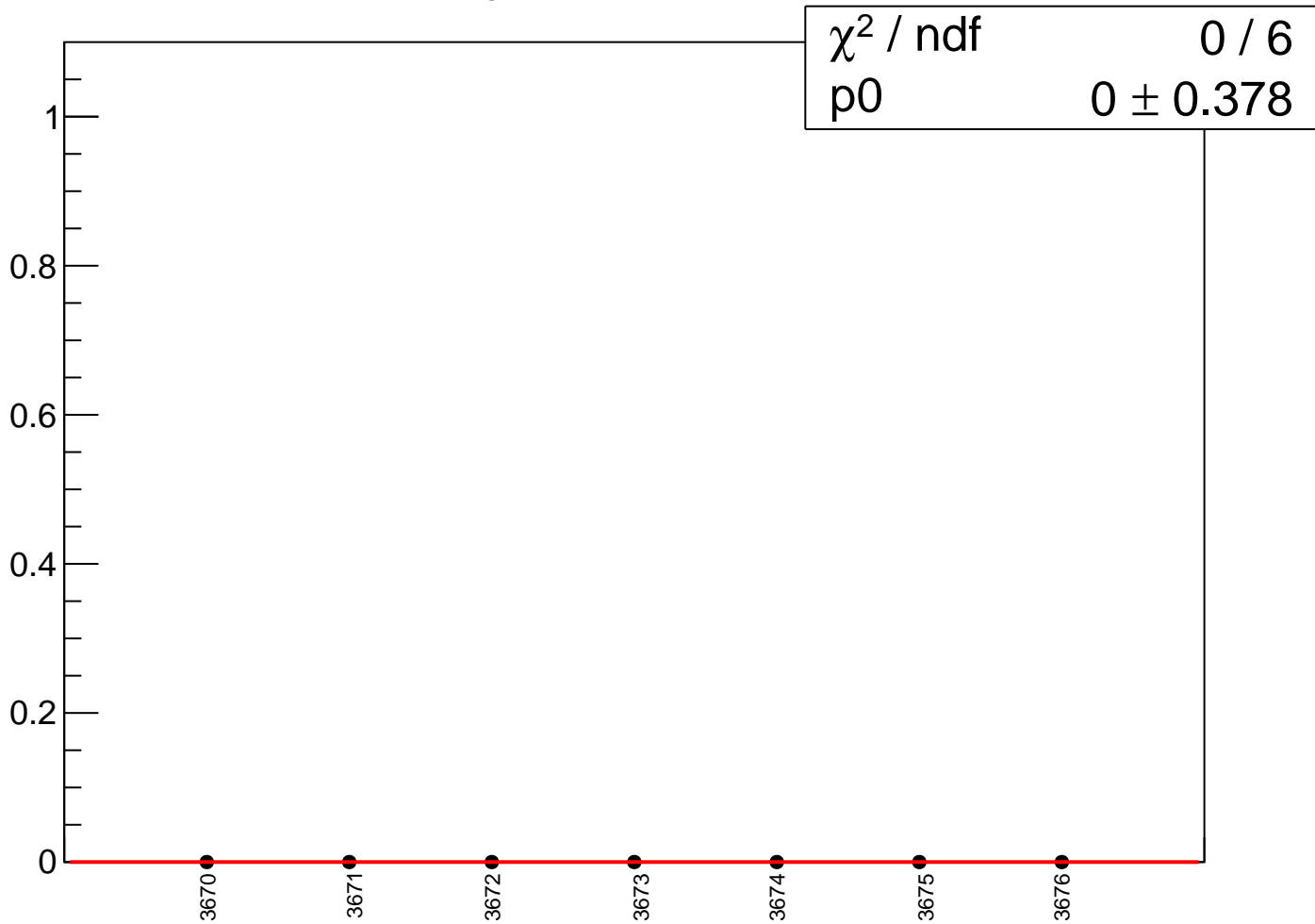
diff_bpm14X_rms vs run



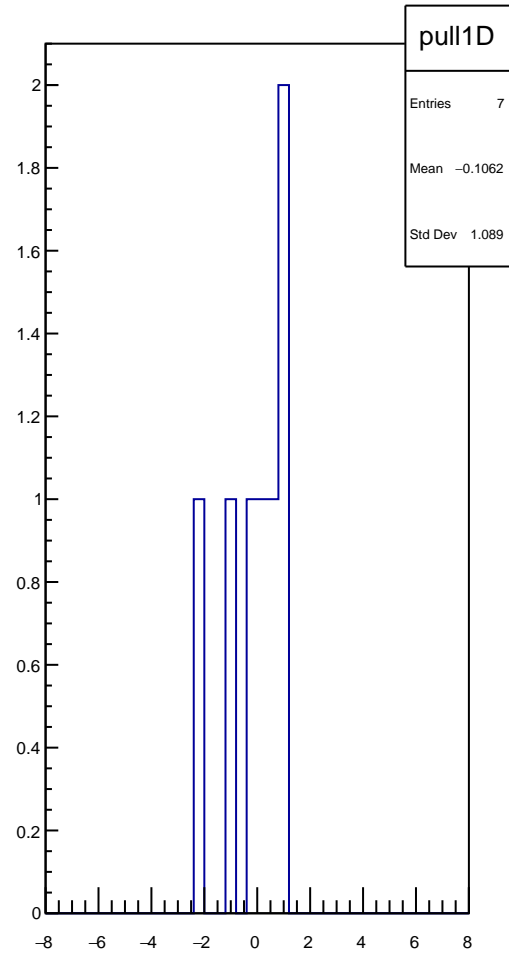
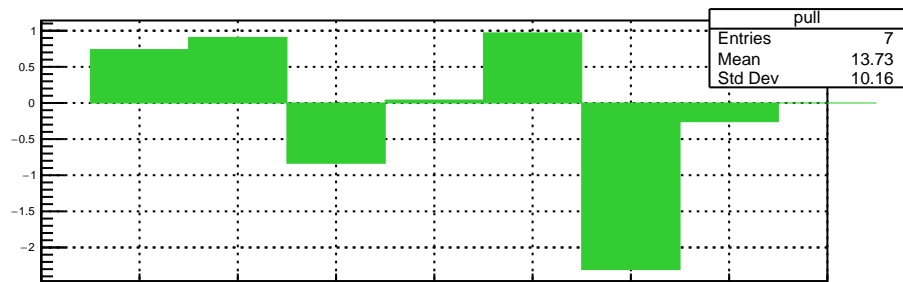
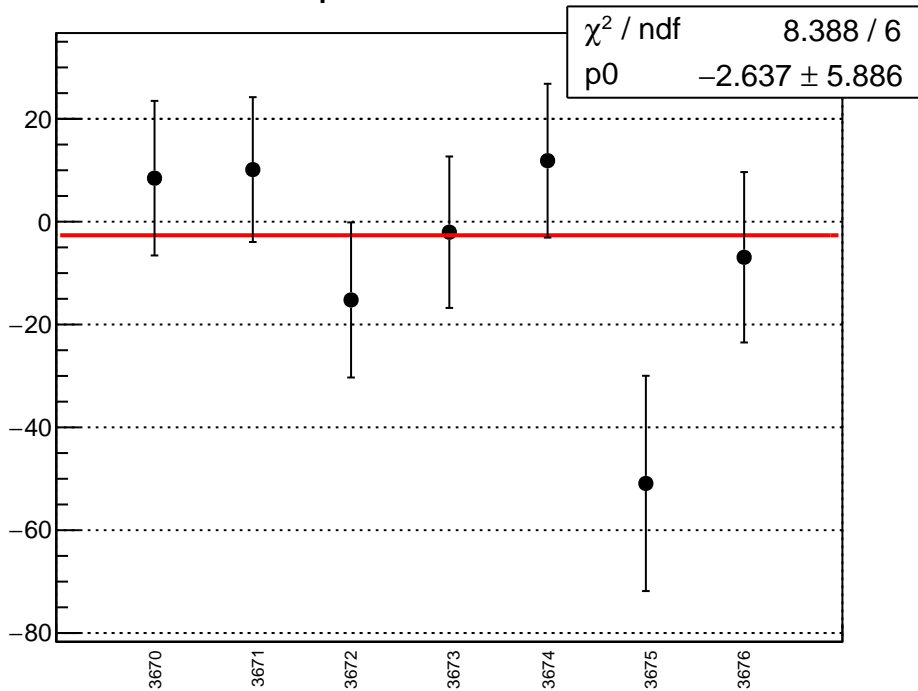
diff_bpm14Y_mean vs run



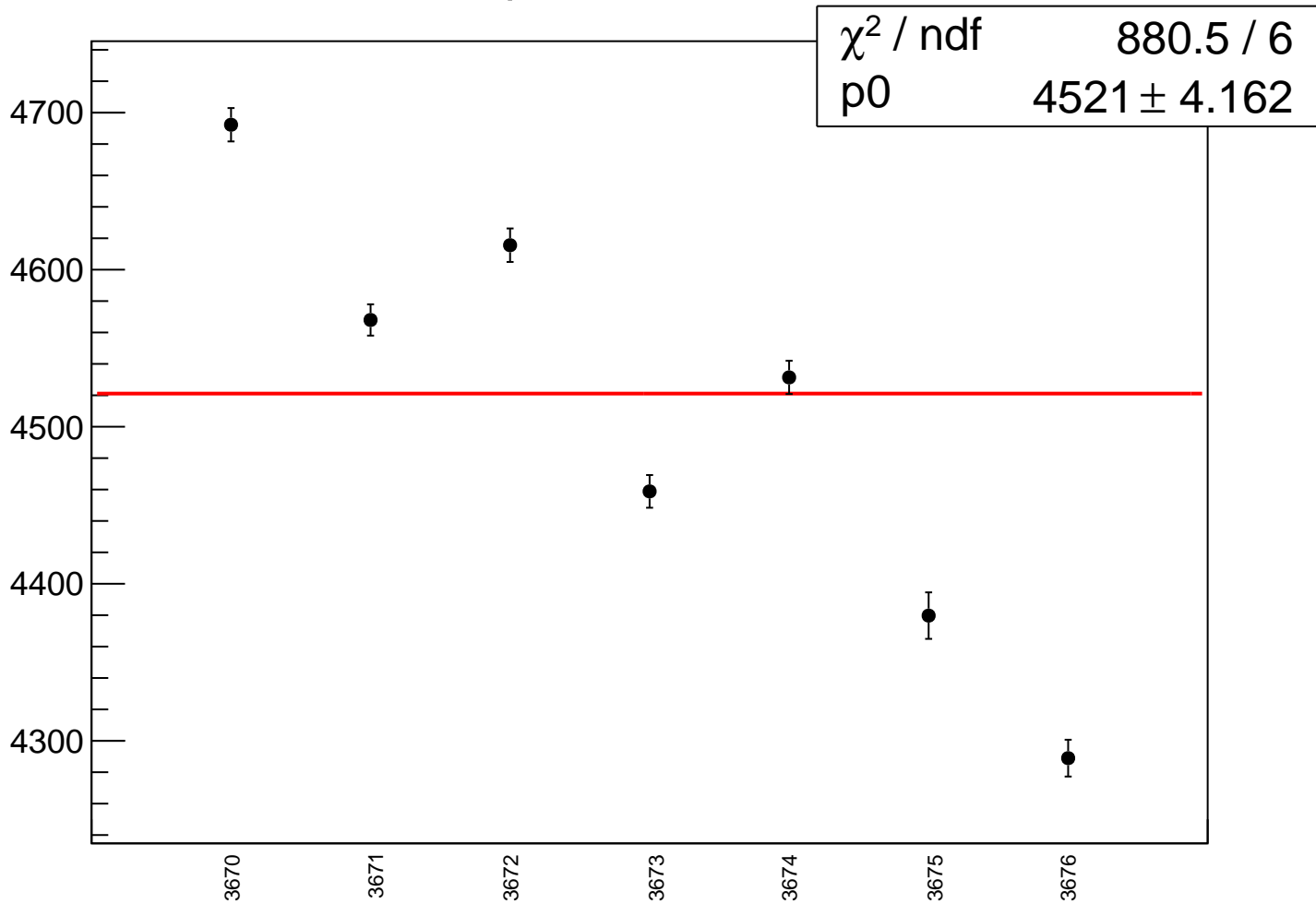
diff_bpm14Y_rms vs run



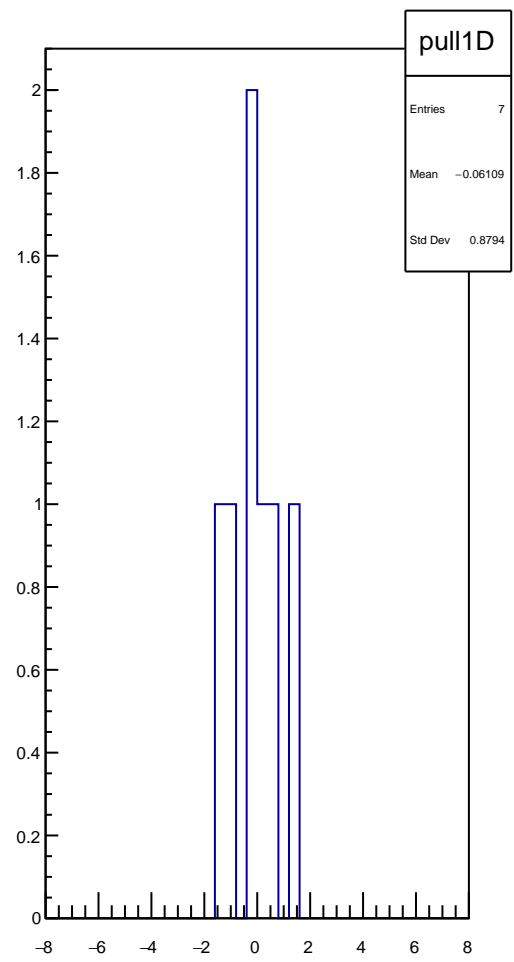
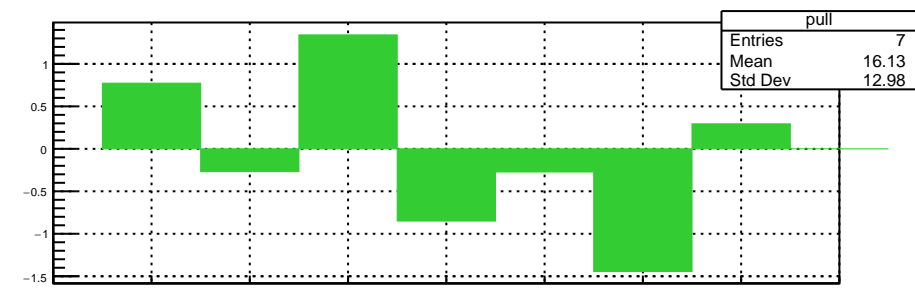
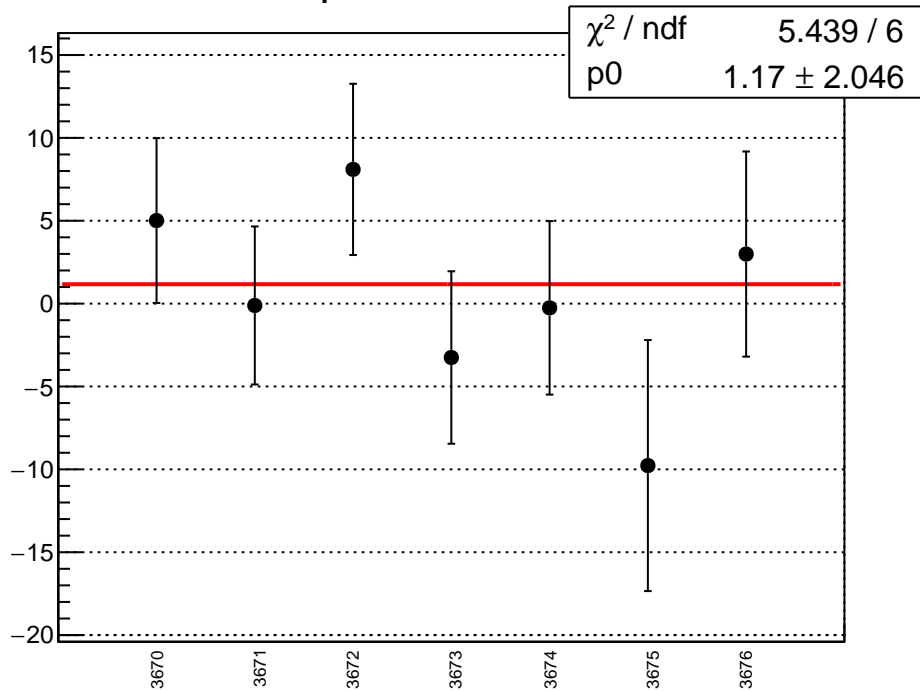
diff_bpm16X_mean vs run



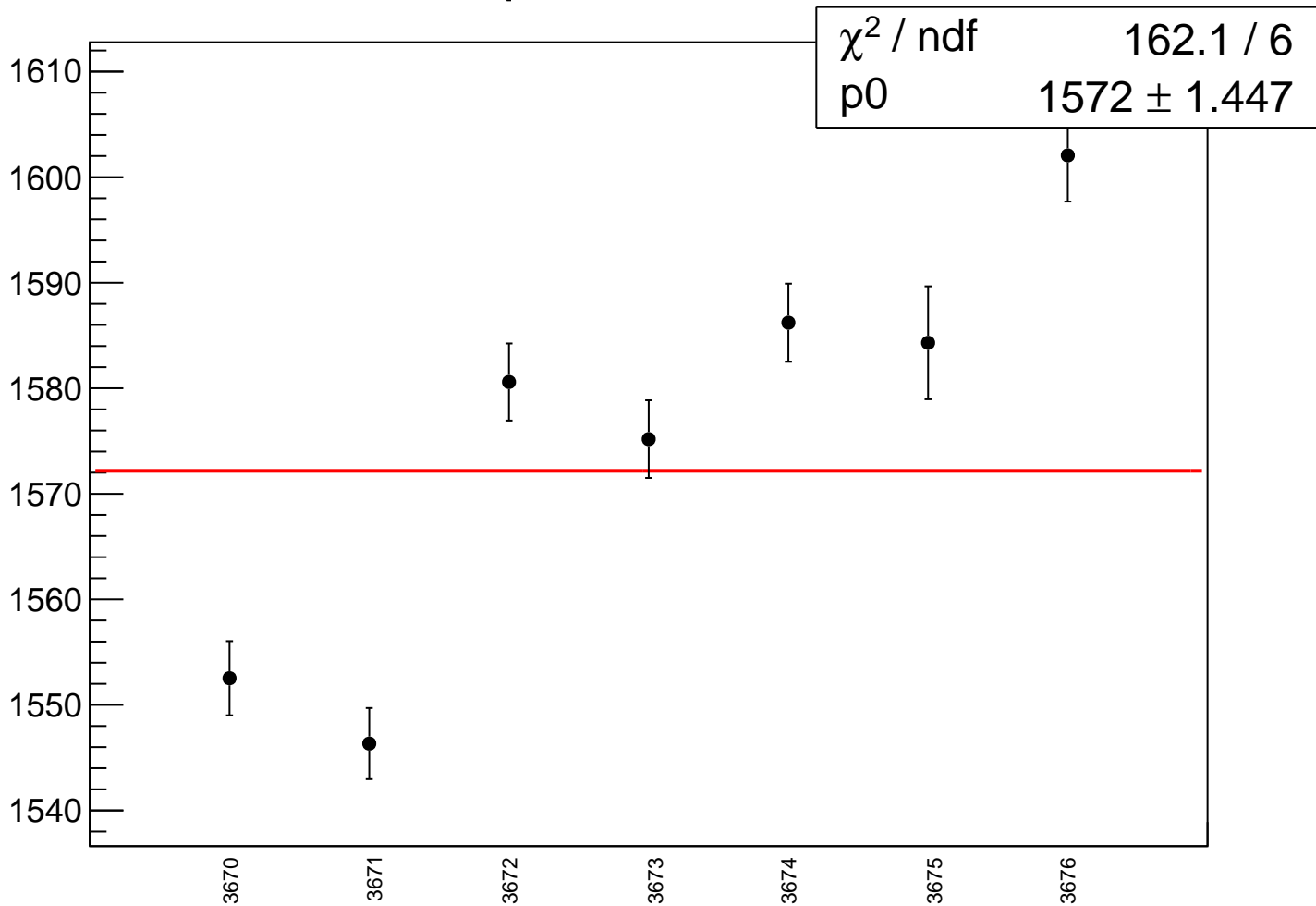
diff_bpm16X_rms vs run



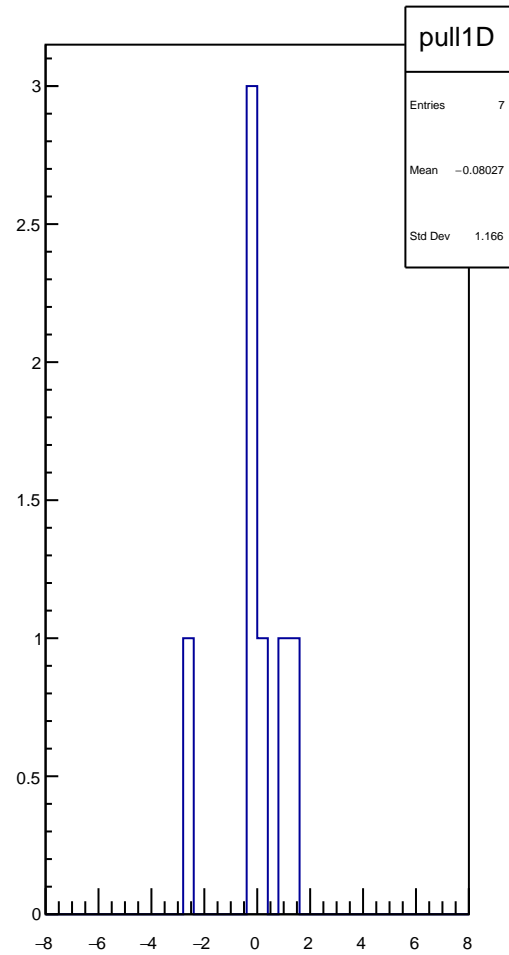
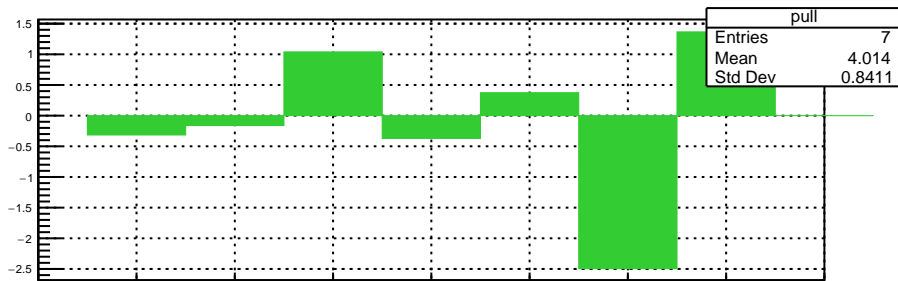
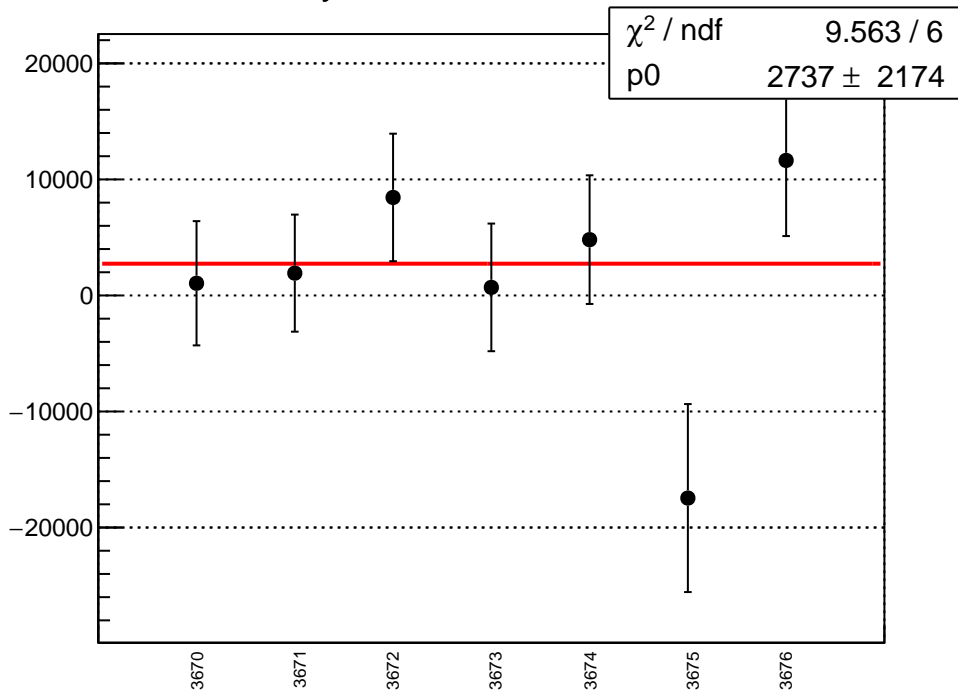
diff_bpm16Y_mean vs run



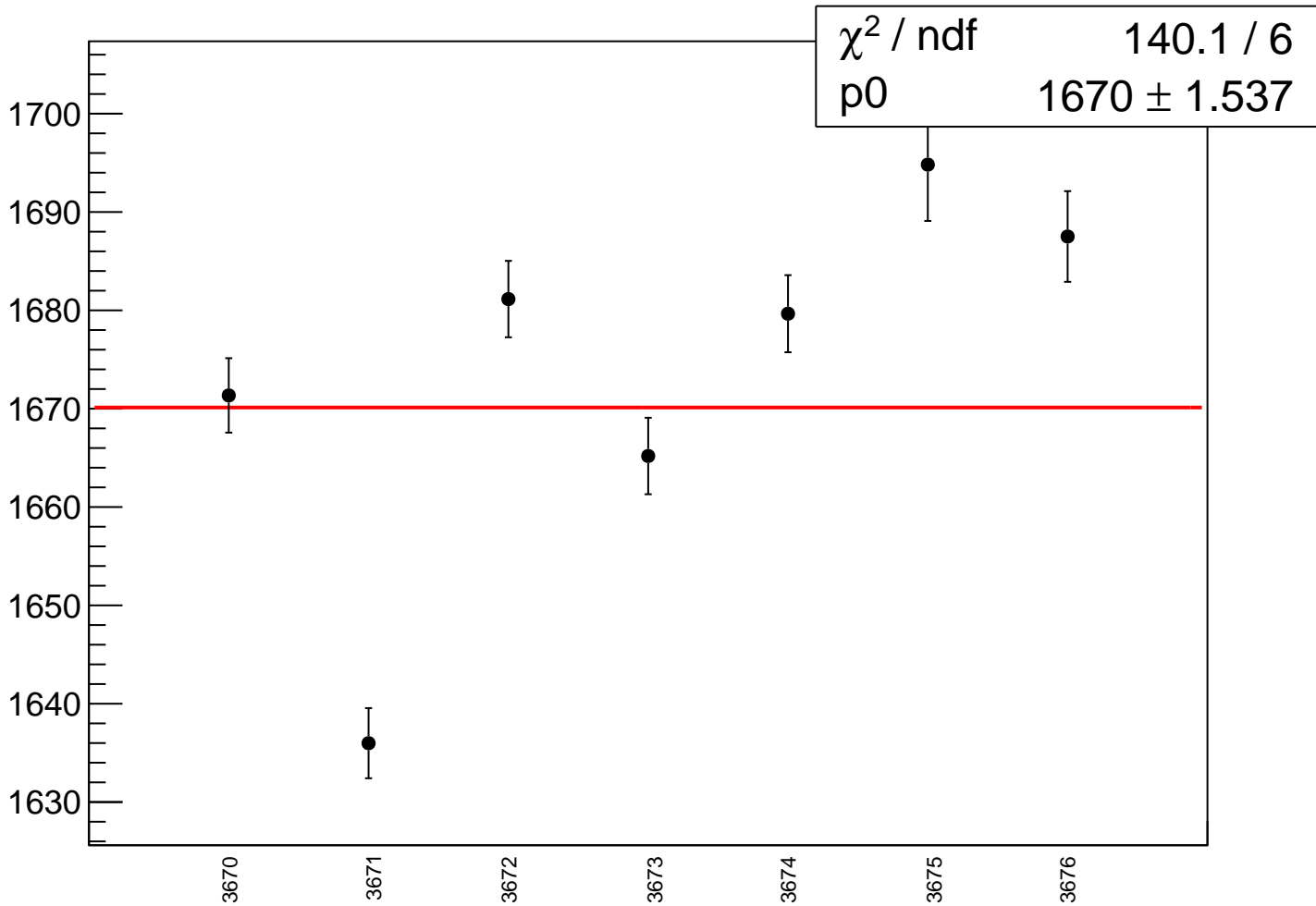
diff_bpm16Y_rms vs run



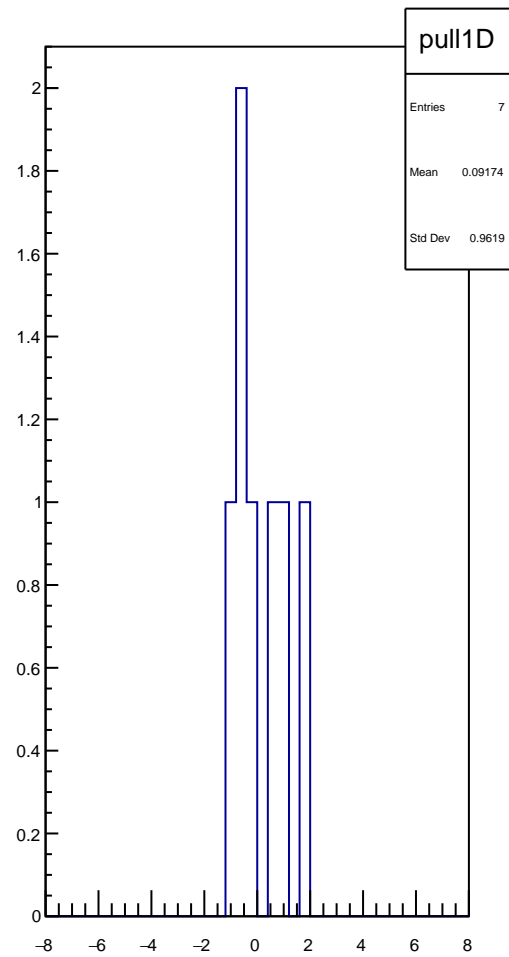
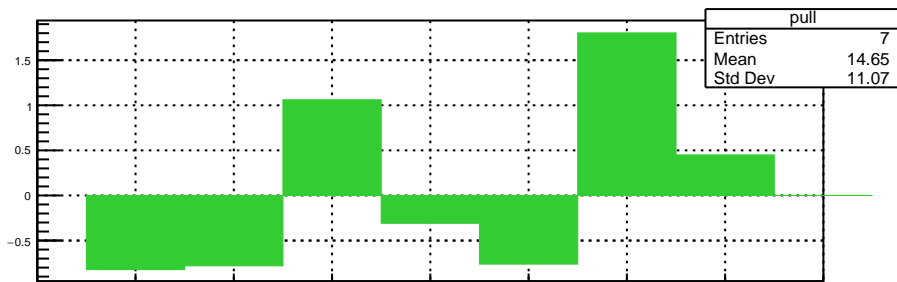
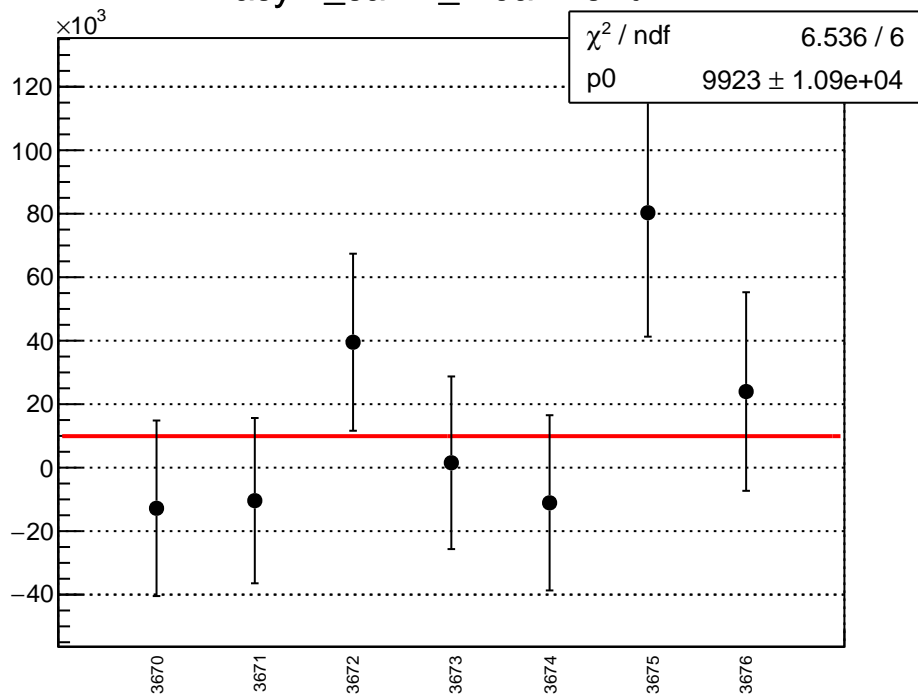
asym_sam1_mean vs run



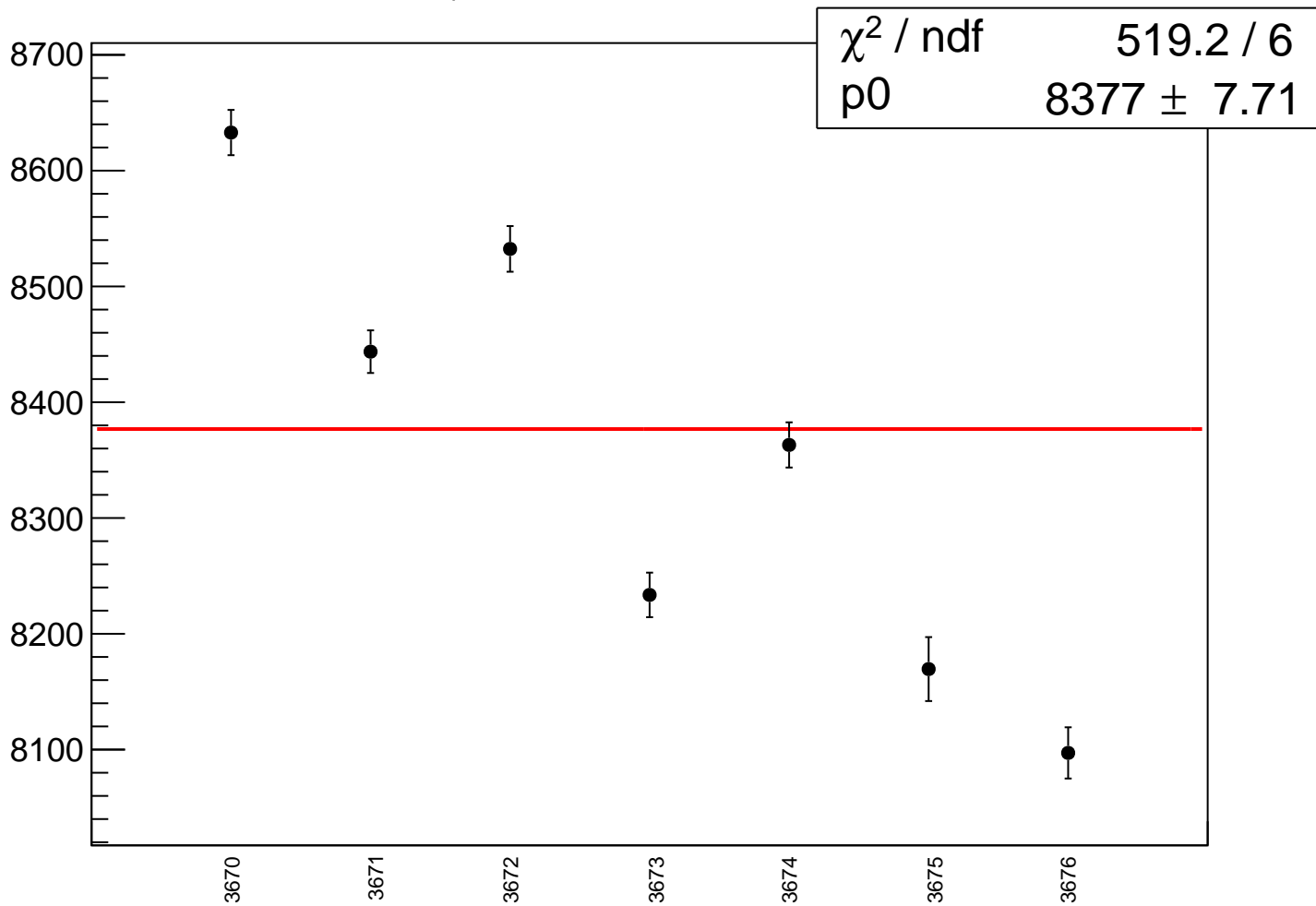
asym_sam1_rms vs run



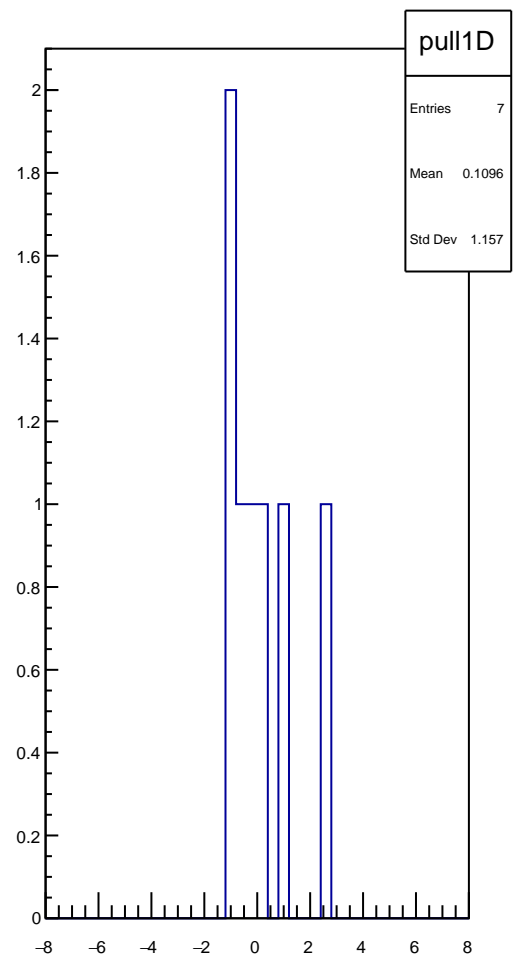
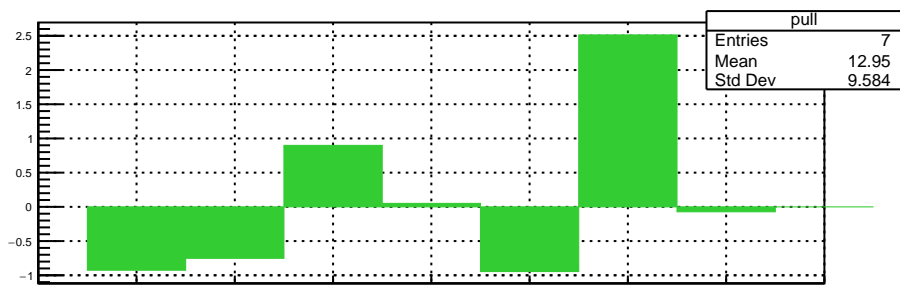
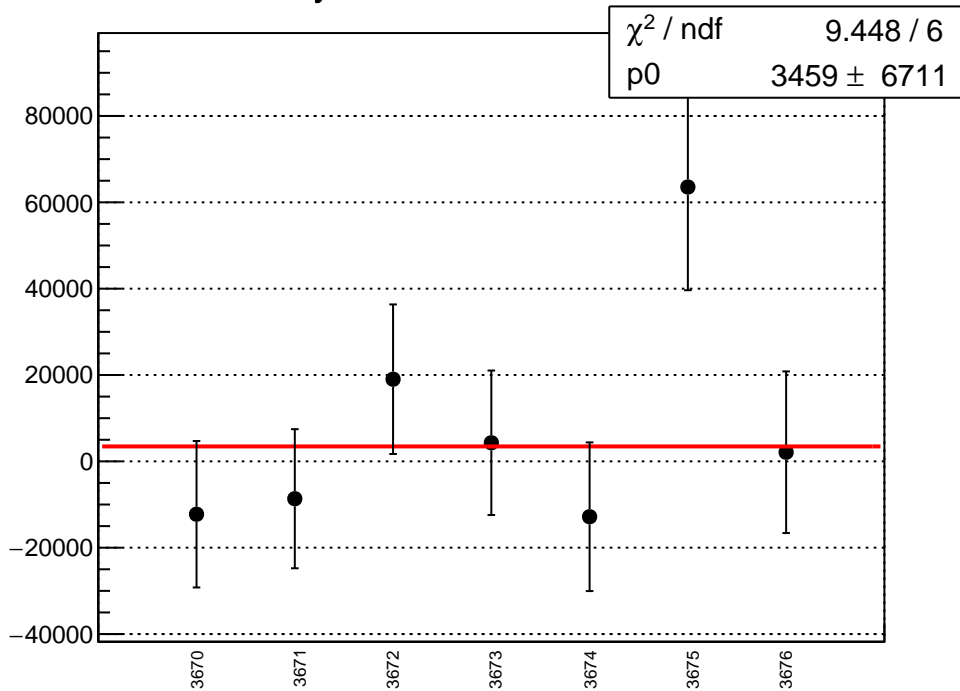
asym_sam2_mean vs run



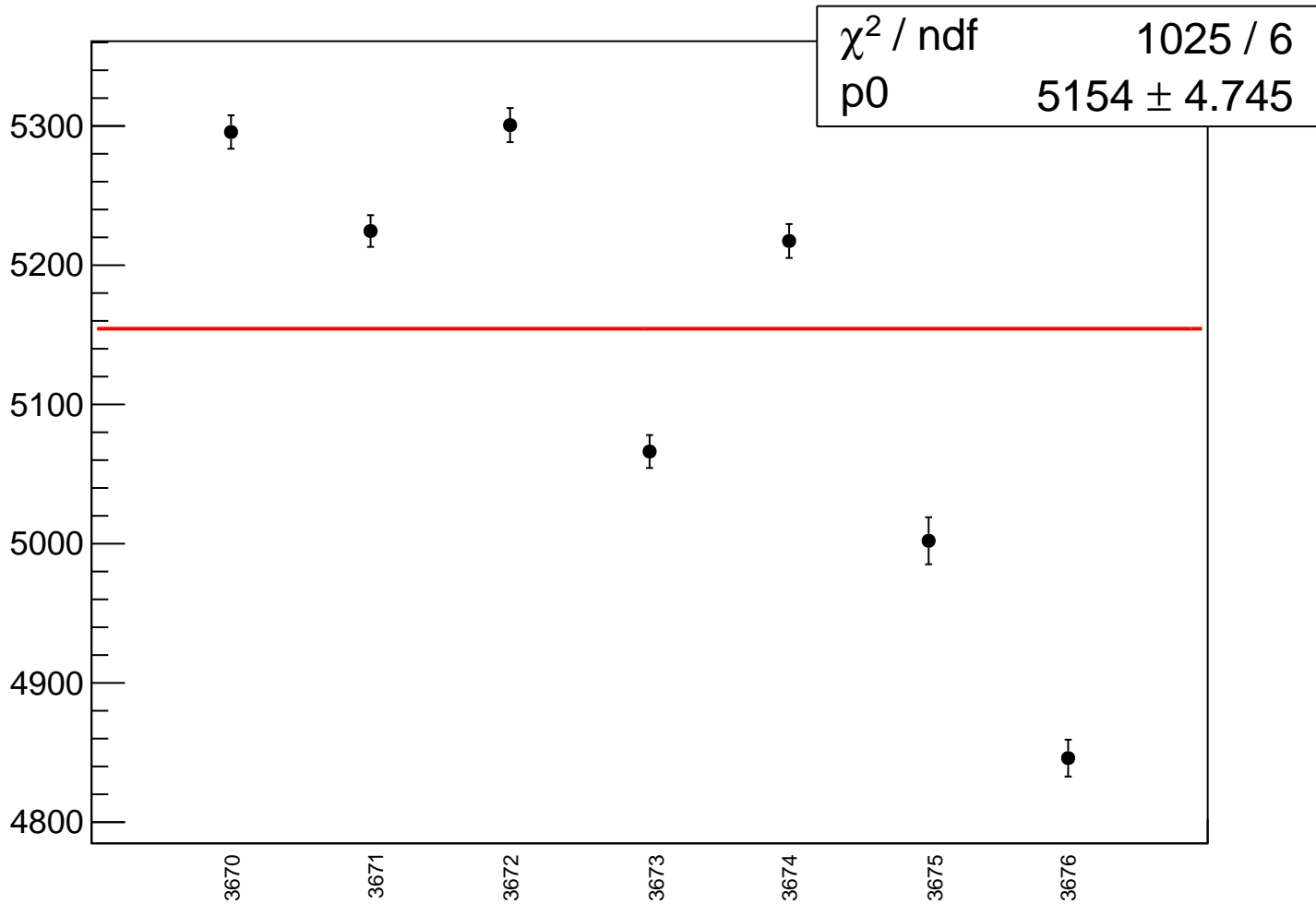
asym_sam2_rms vs run



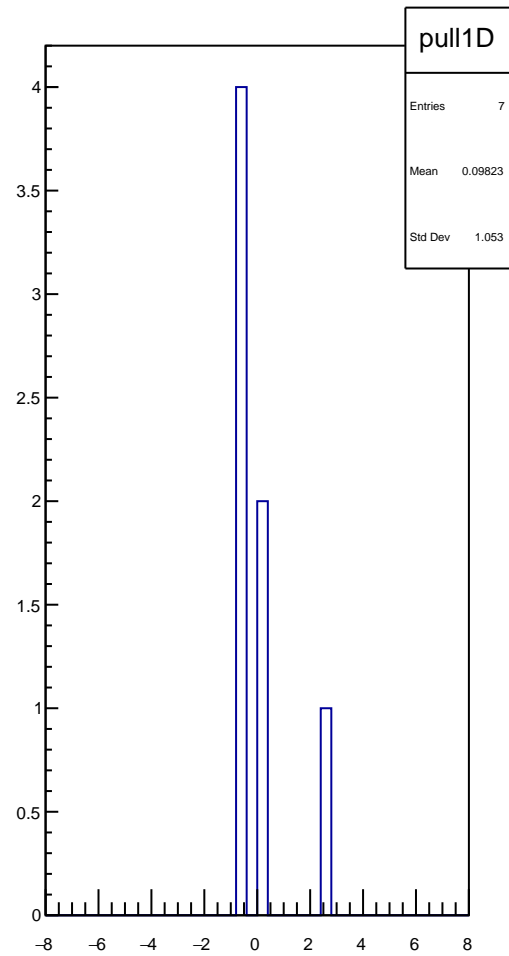
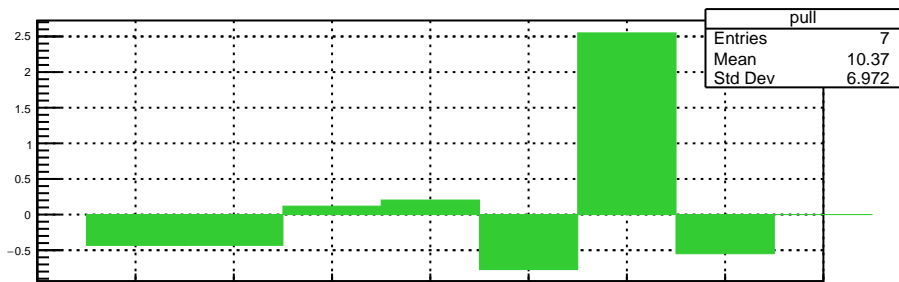
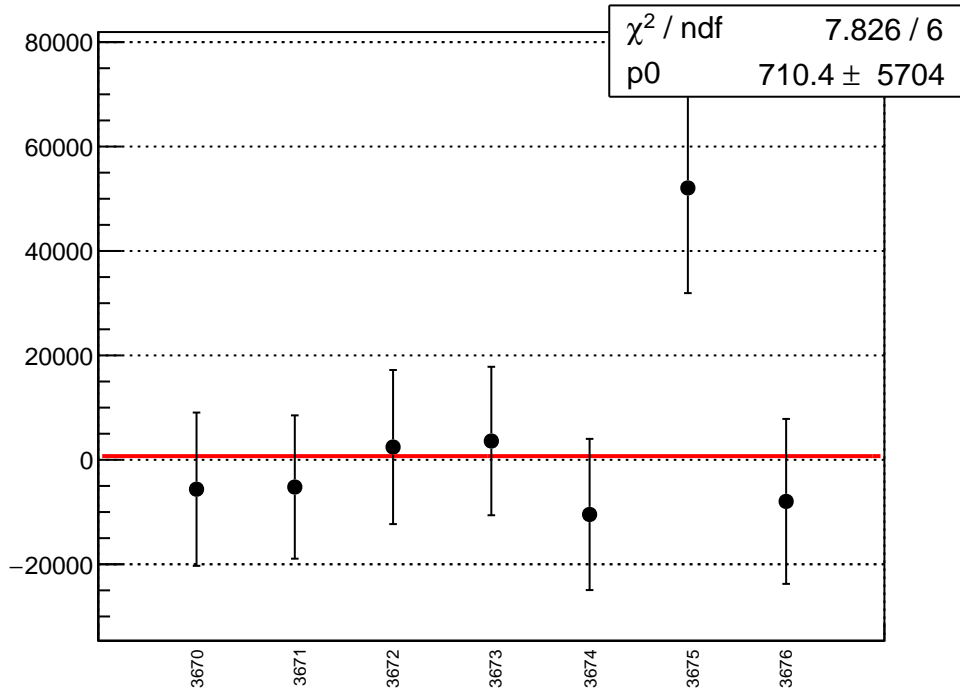
asym_sam3_mean vs run



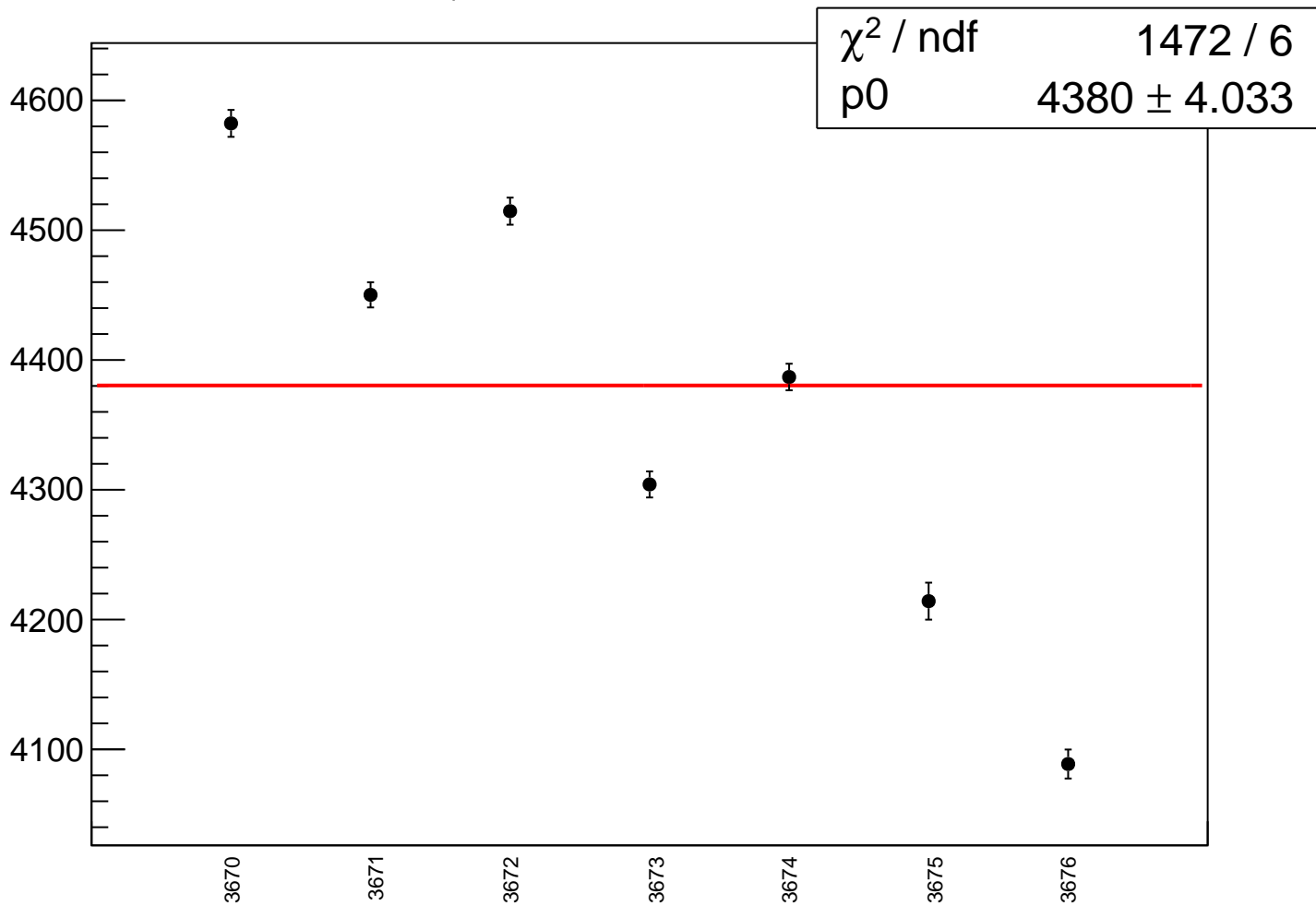
asym_sam3_rms vs run



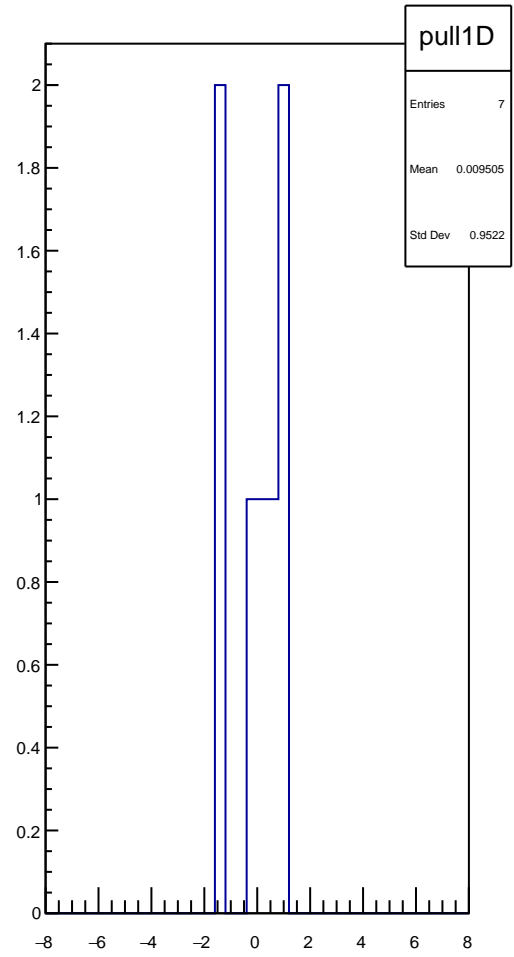
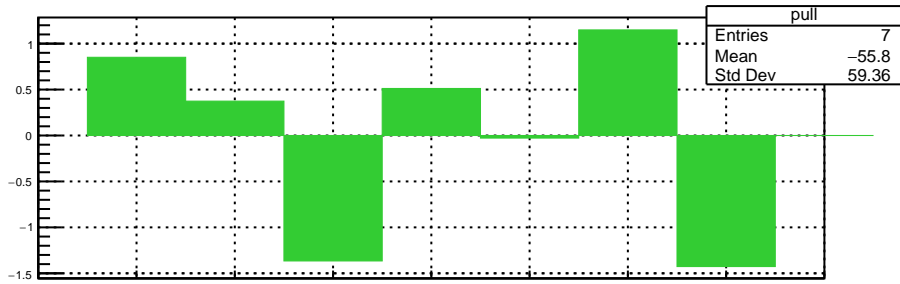
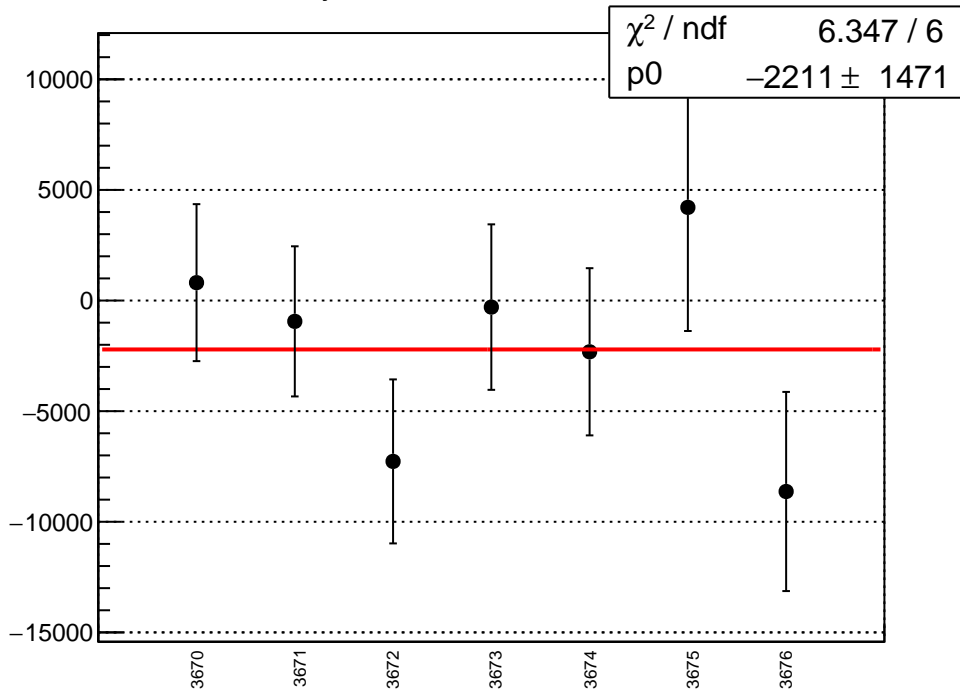
asym_sam4_mean vs run



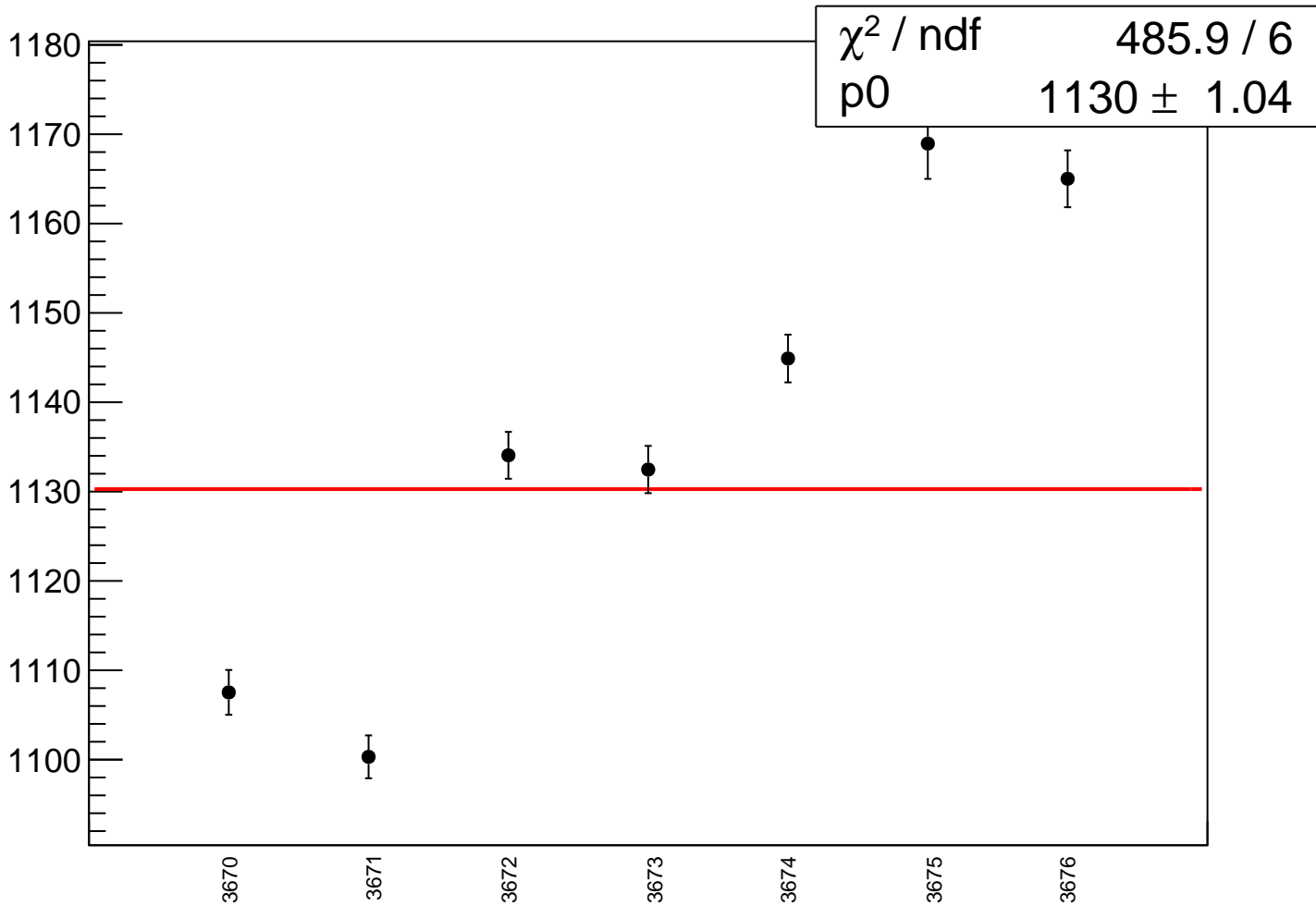
asym_sam4_rms vs run



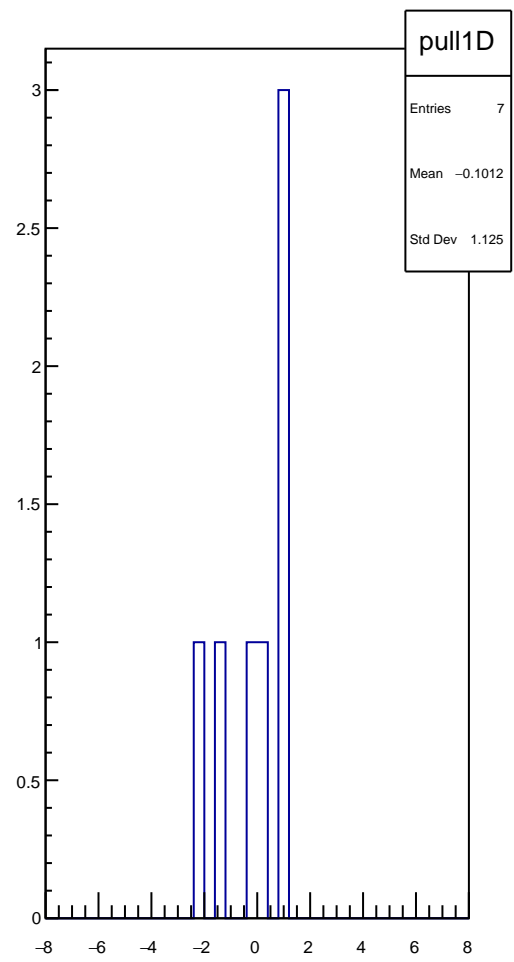
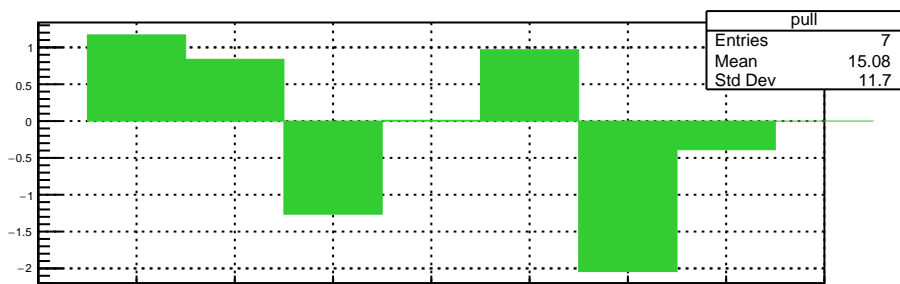
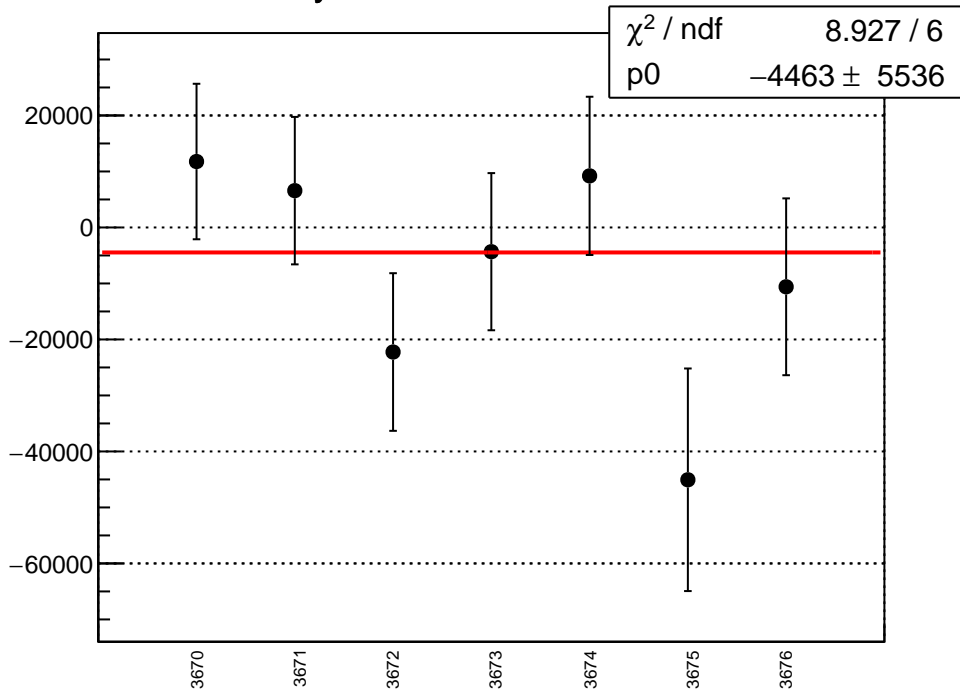
asym_sam5_mean vs run



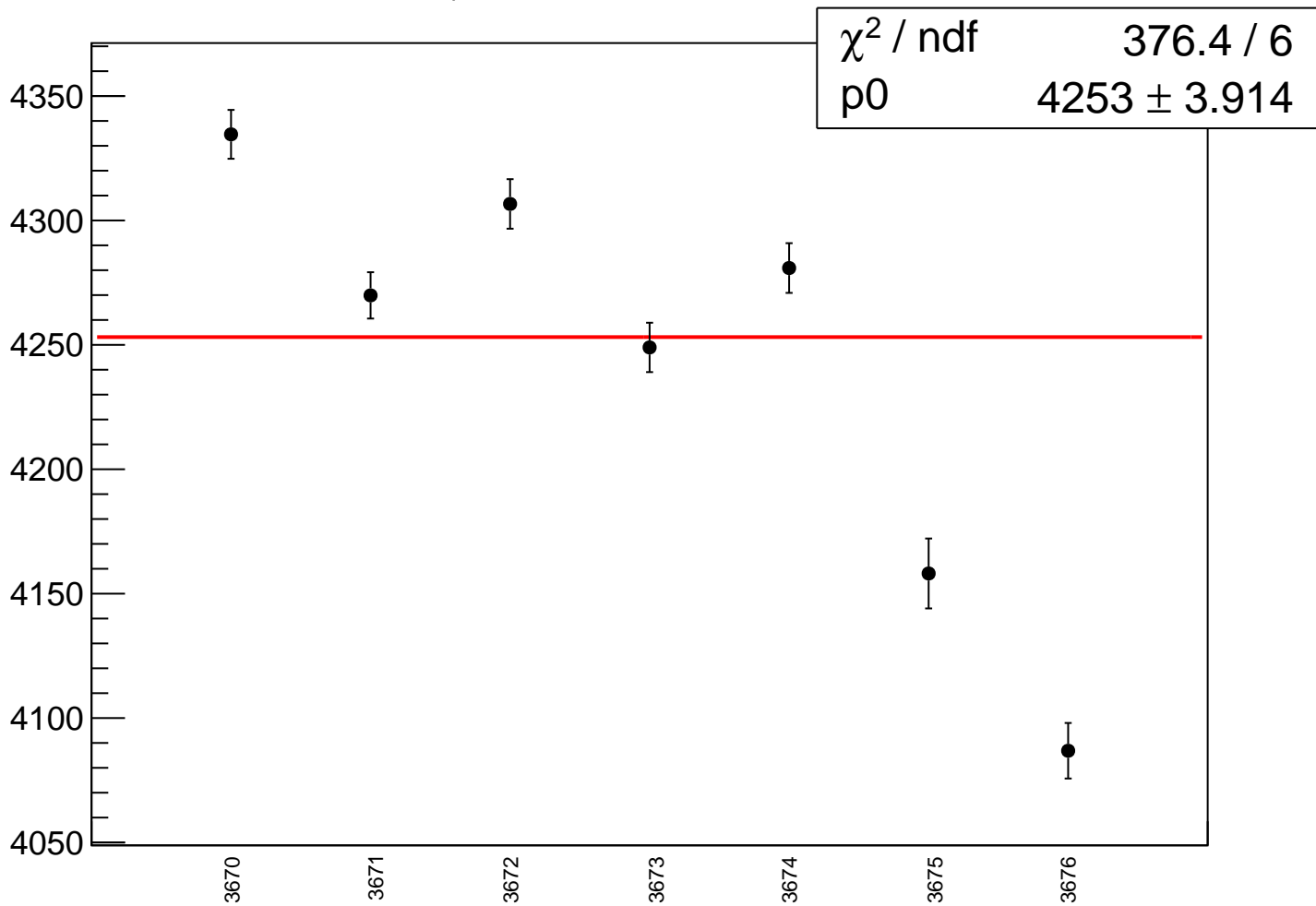
asym_sam5_rms vs run



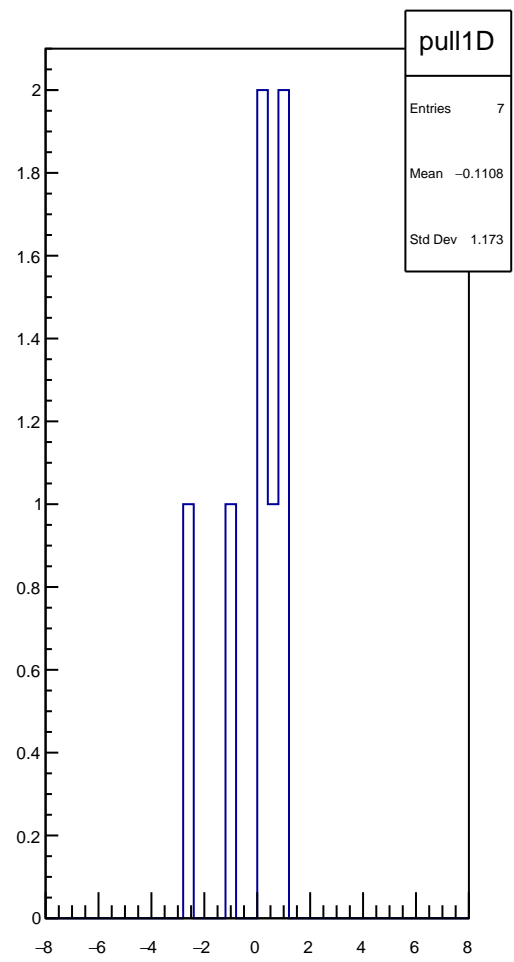
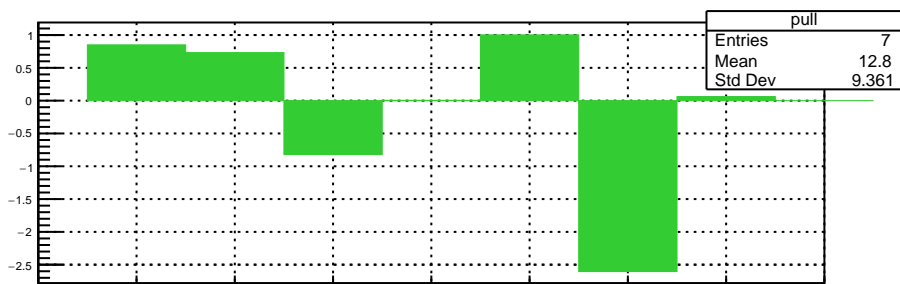
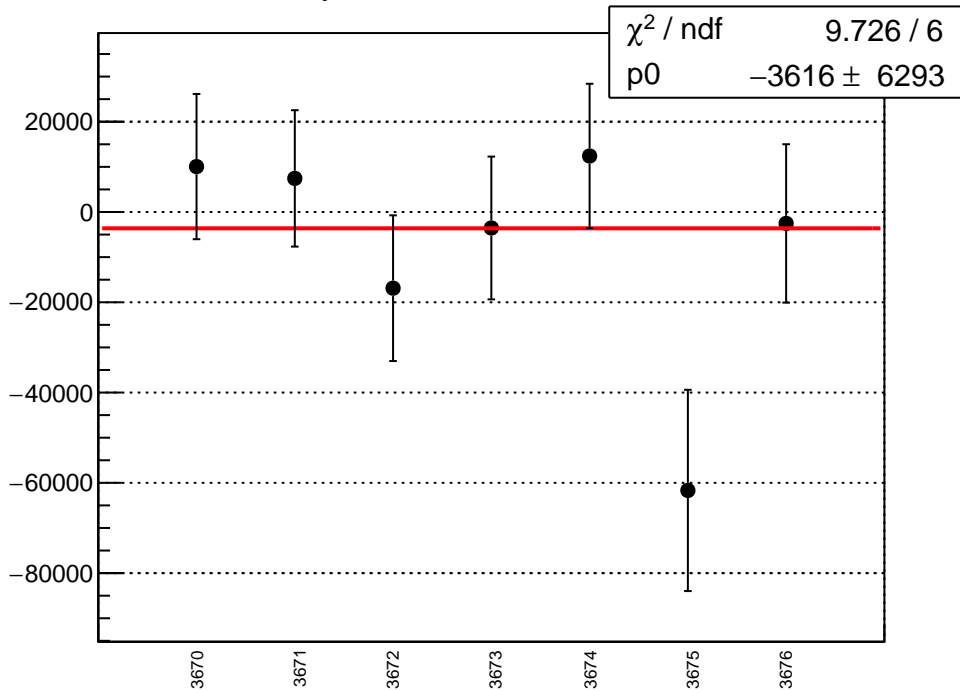
asym_sam6_mean vs run



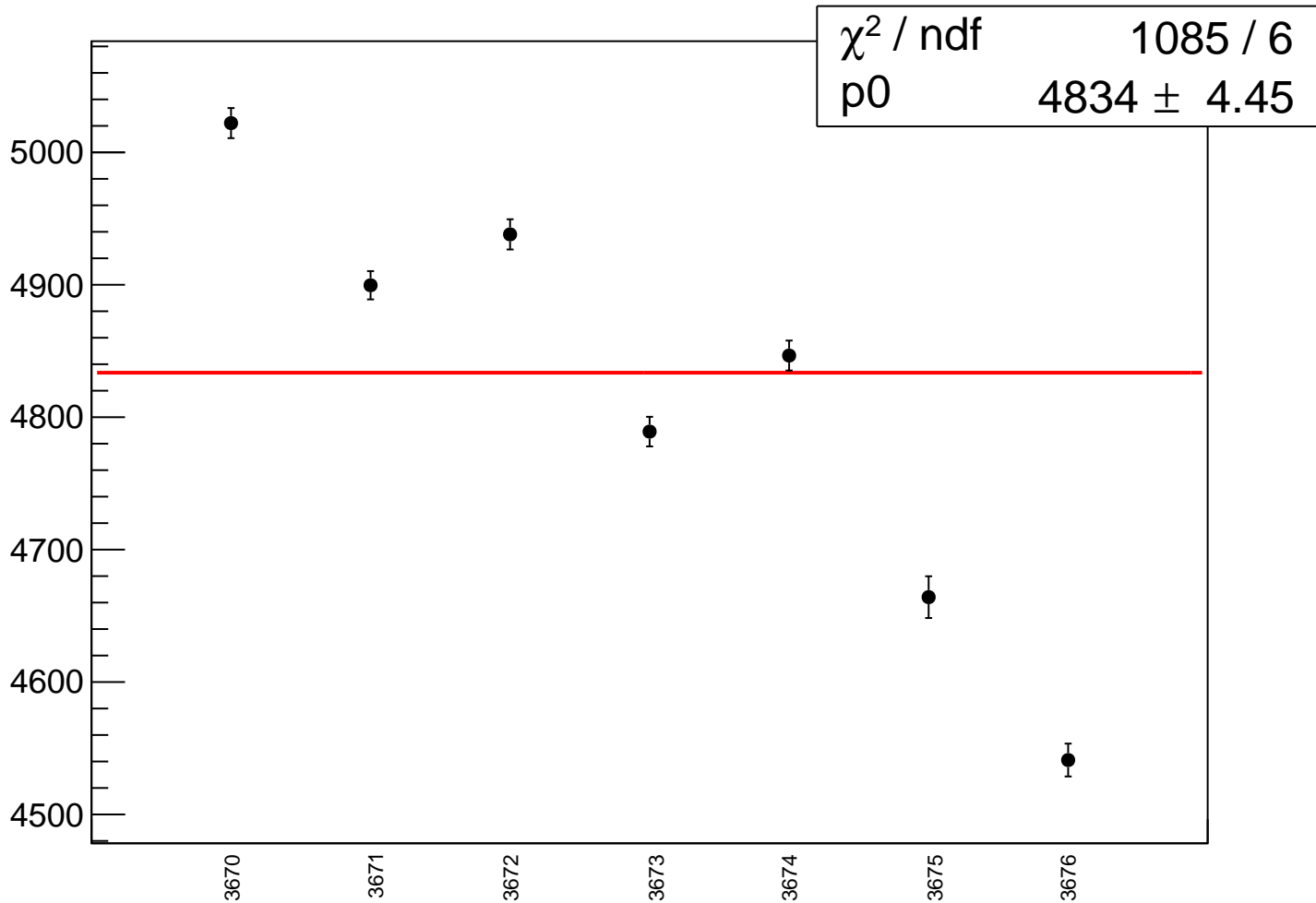
asym_sam6_rms vs run



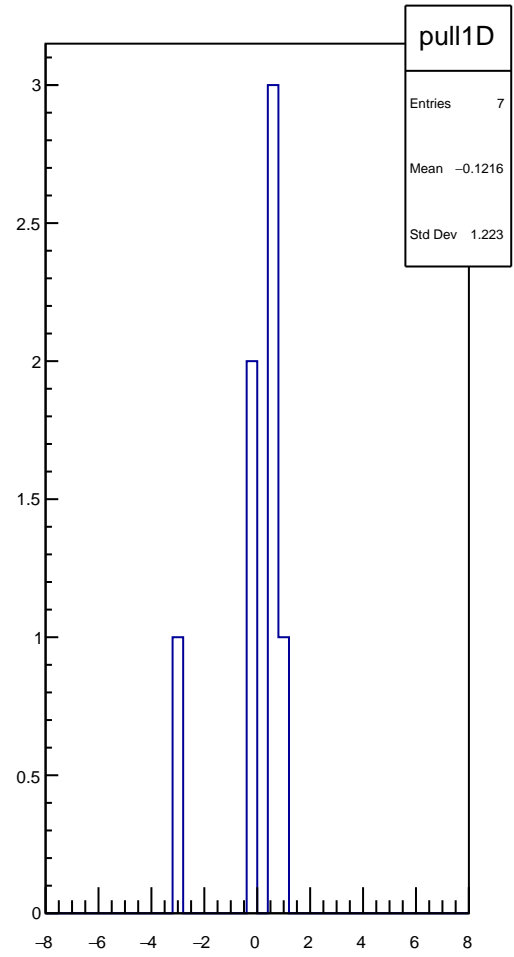
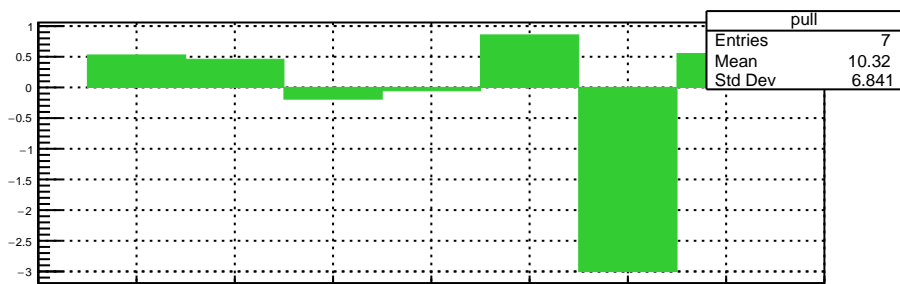
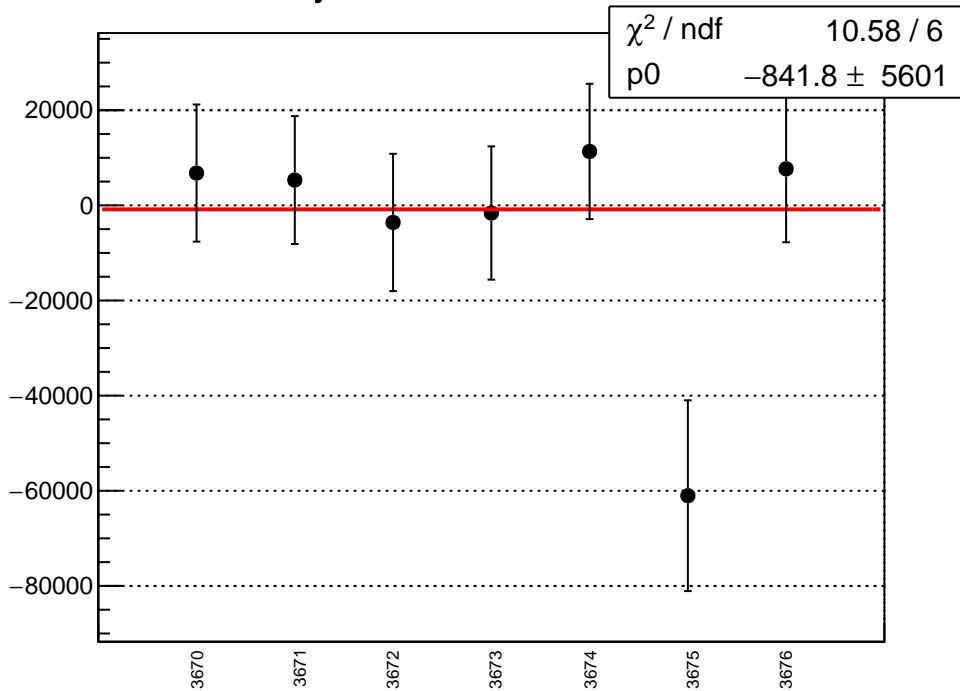
asym_sam7_mean vs run



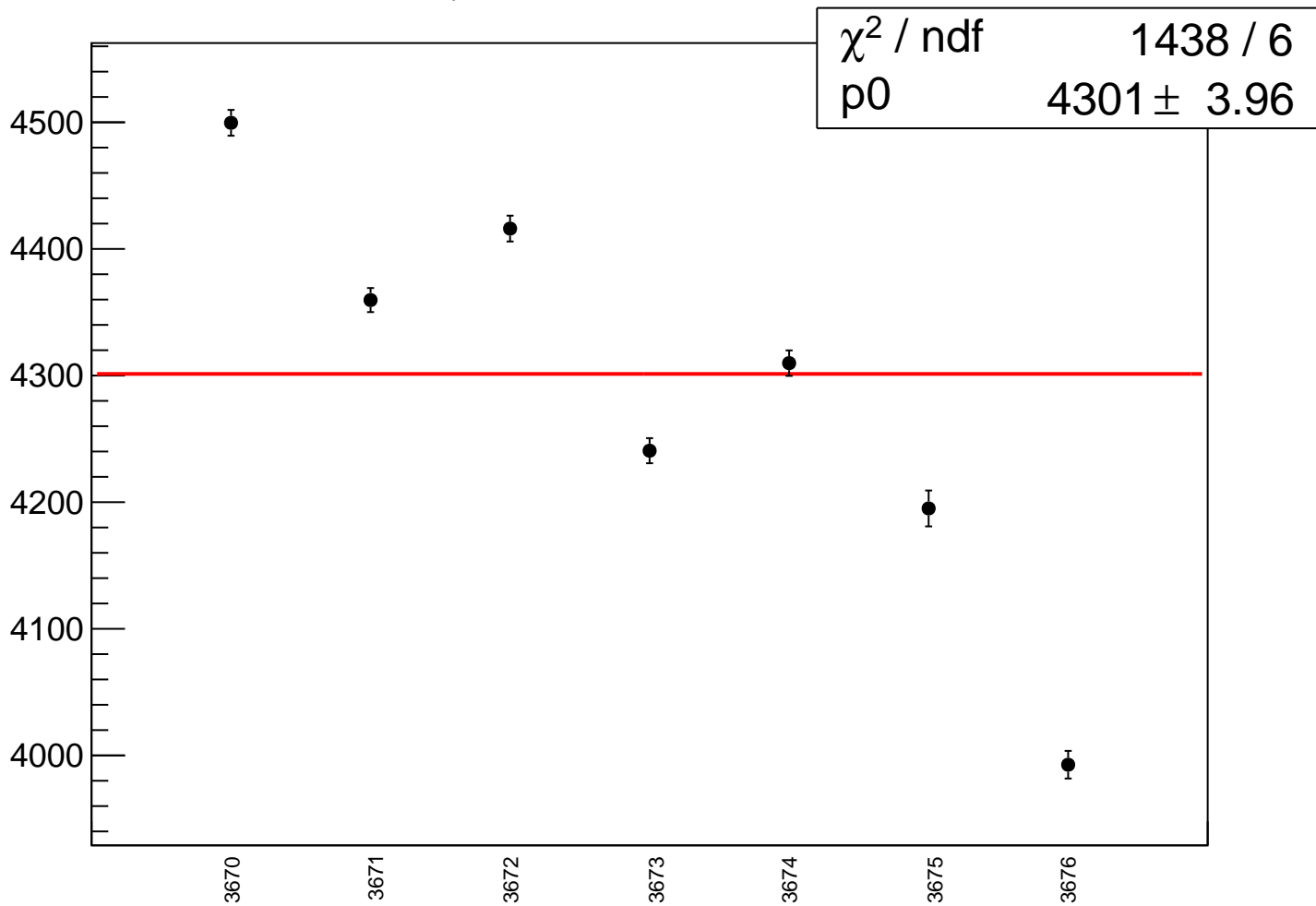
asym_sam7_rms vs run



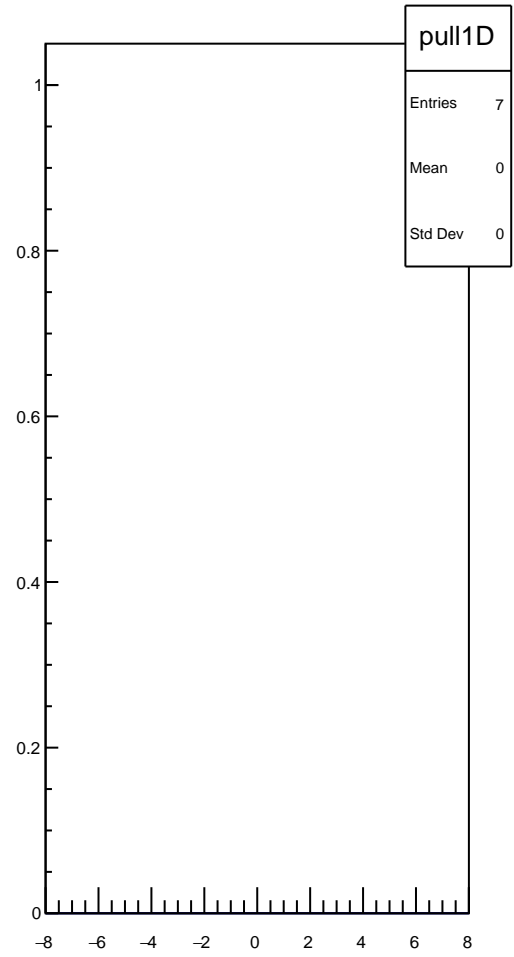
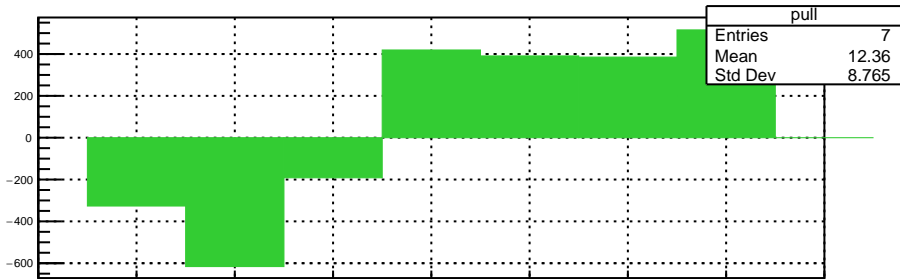
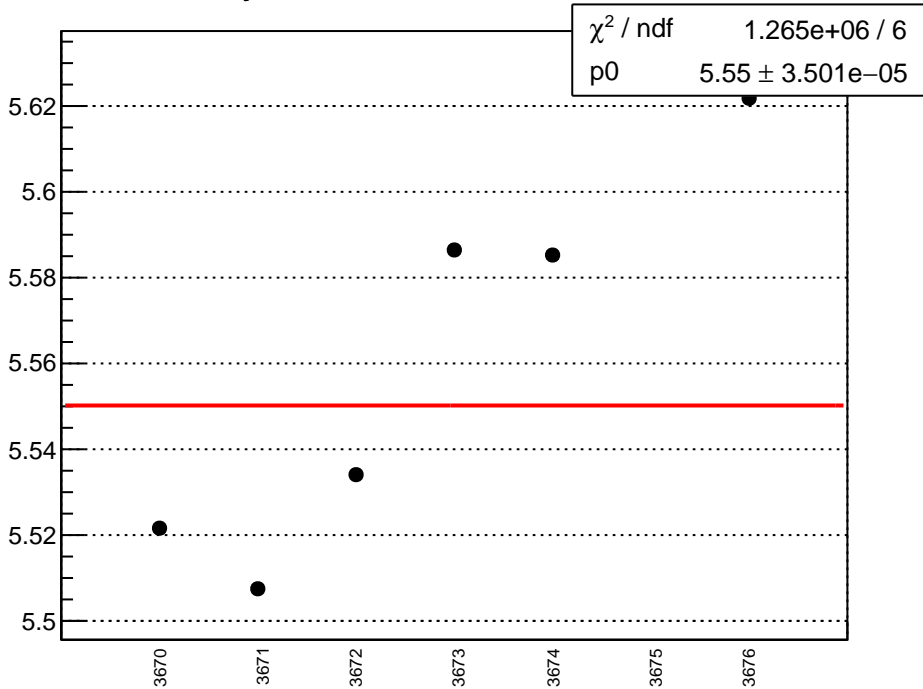
asym_sam8_mean vs run



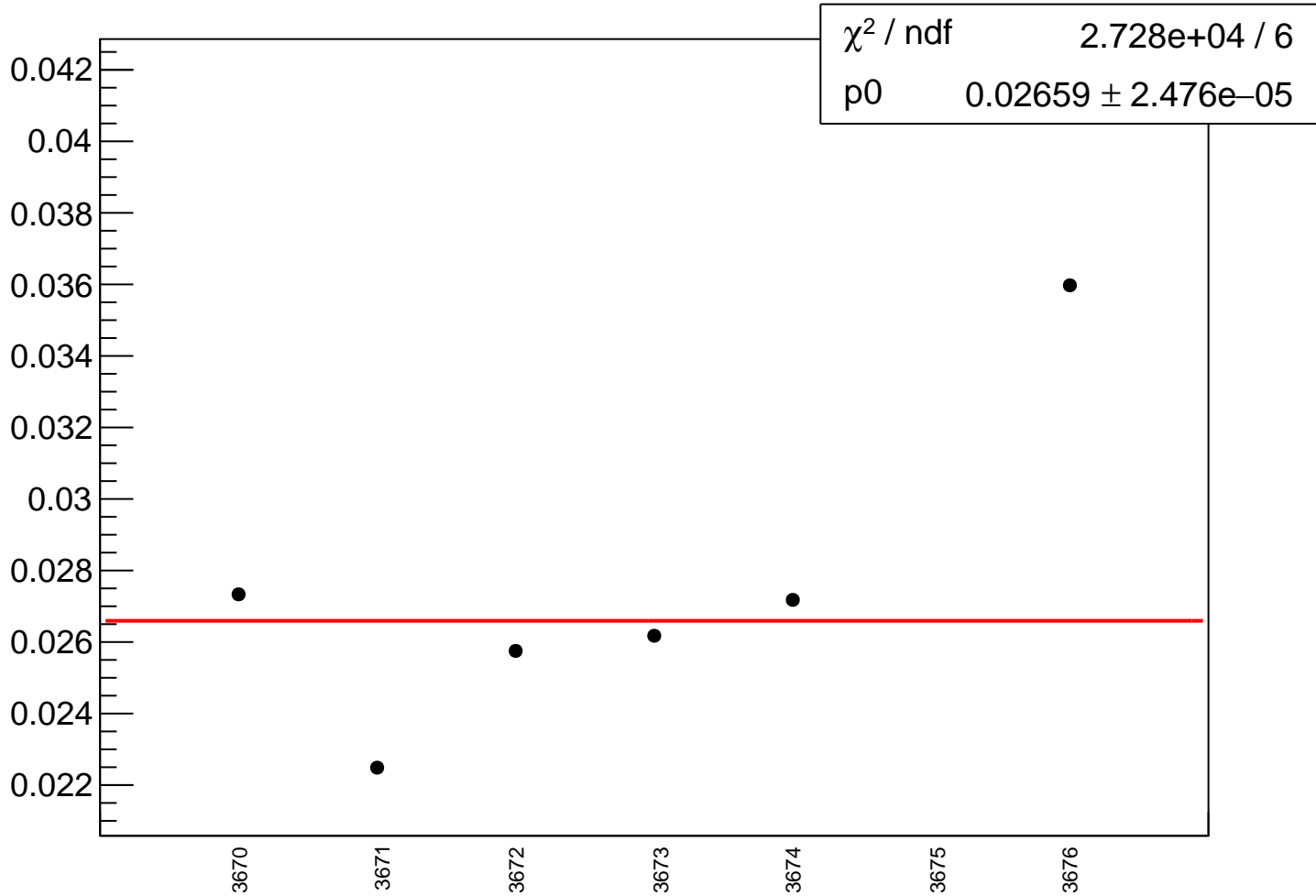
asym_sam8_rms vs run



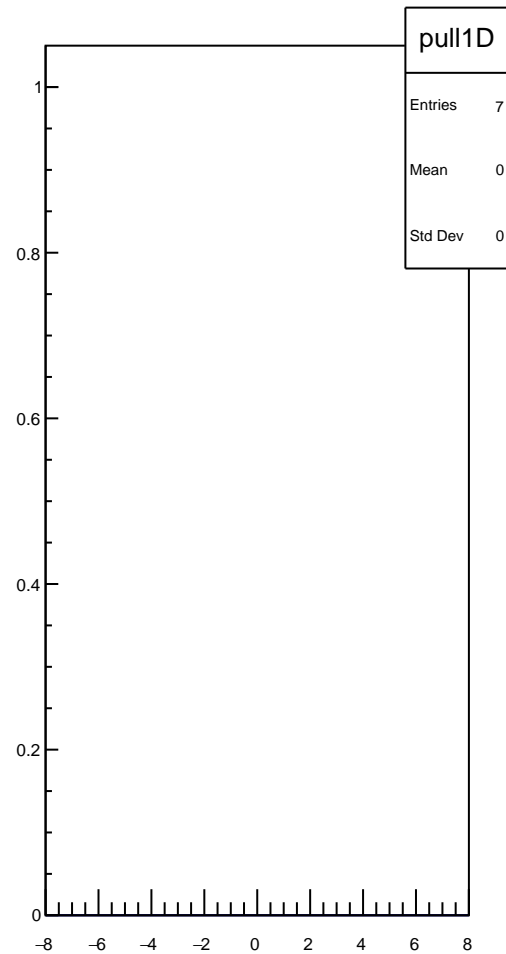
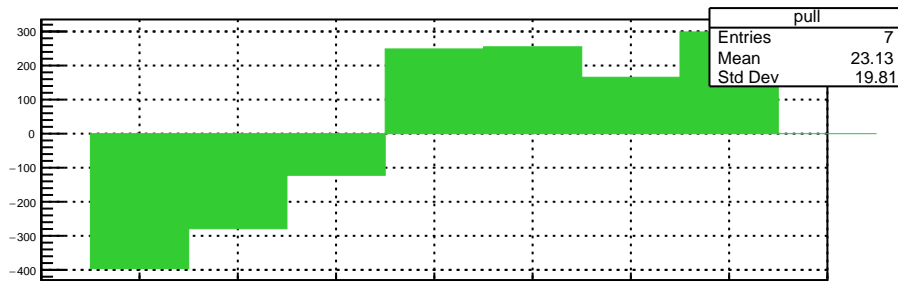
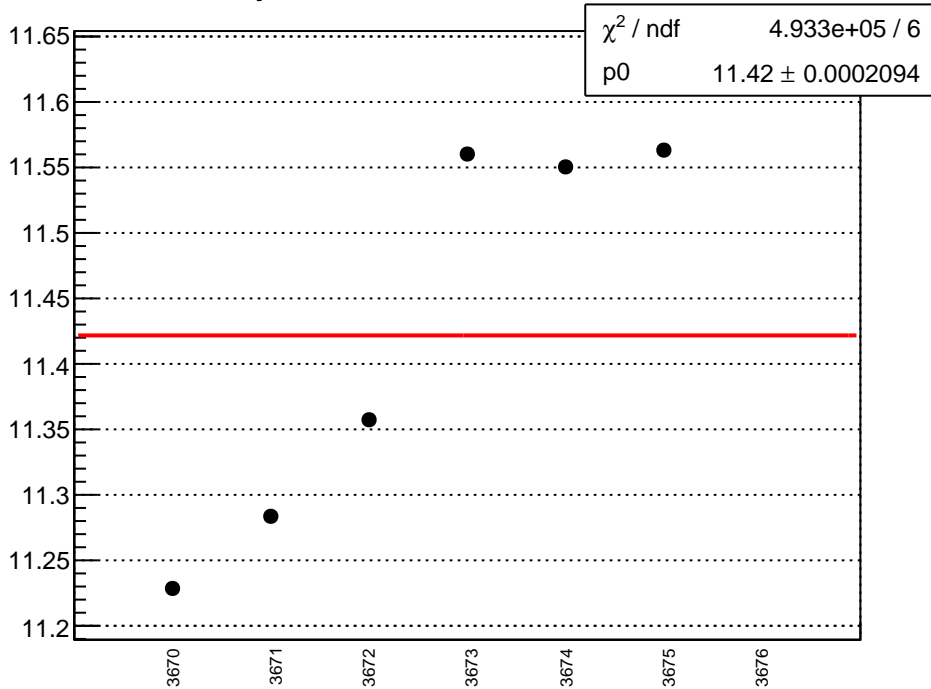
yield_sam1_mean vs run



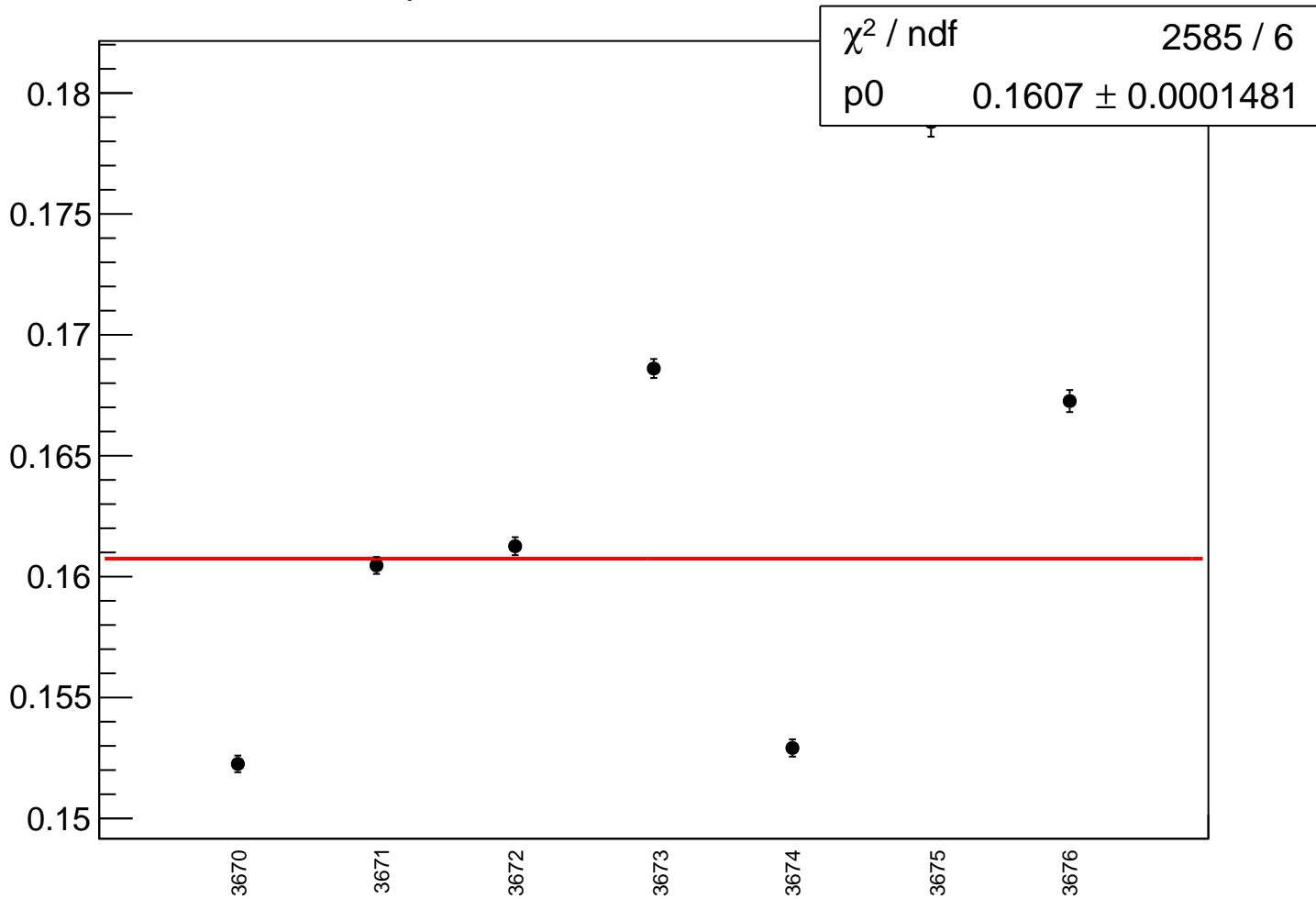
yield_sam1_rms vs run



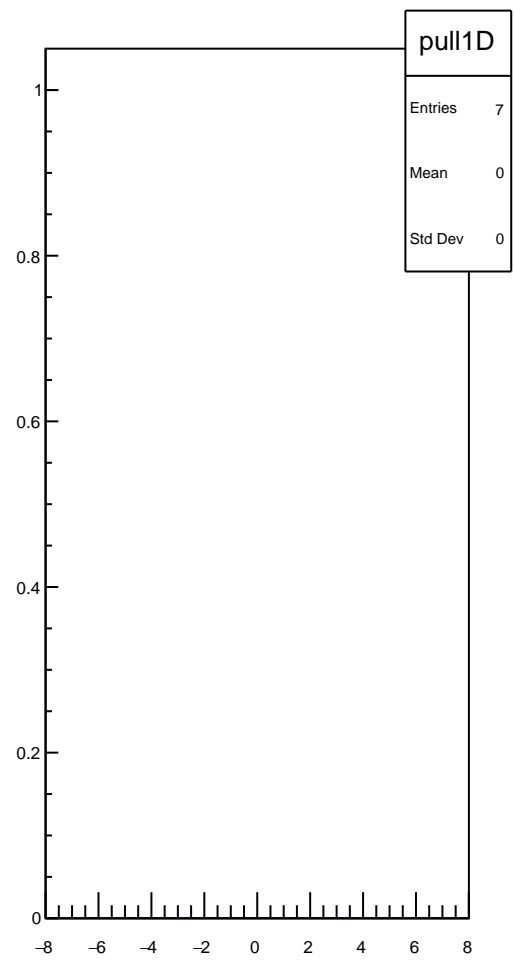
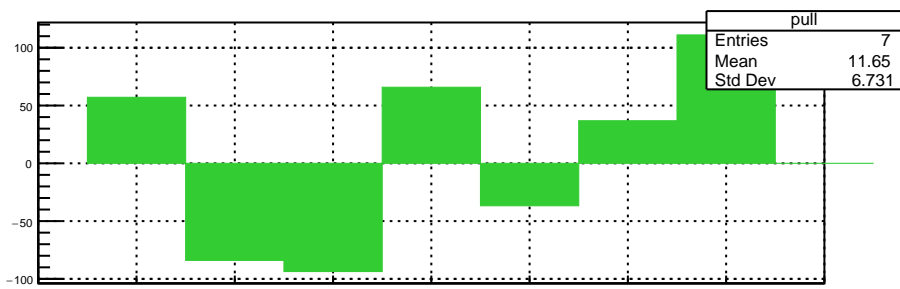
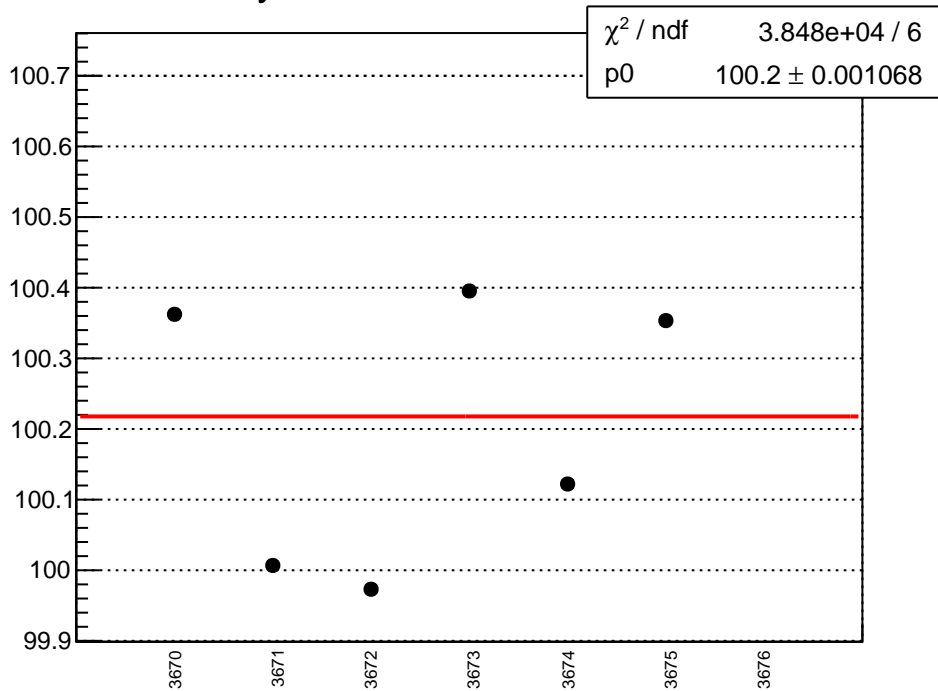
yield_sam2_mean vs run



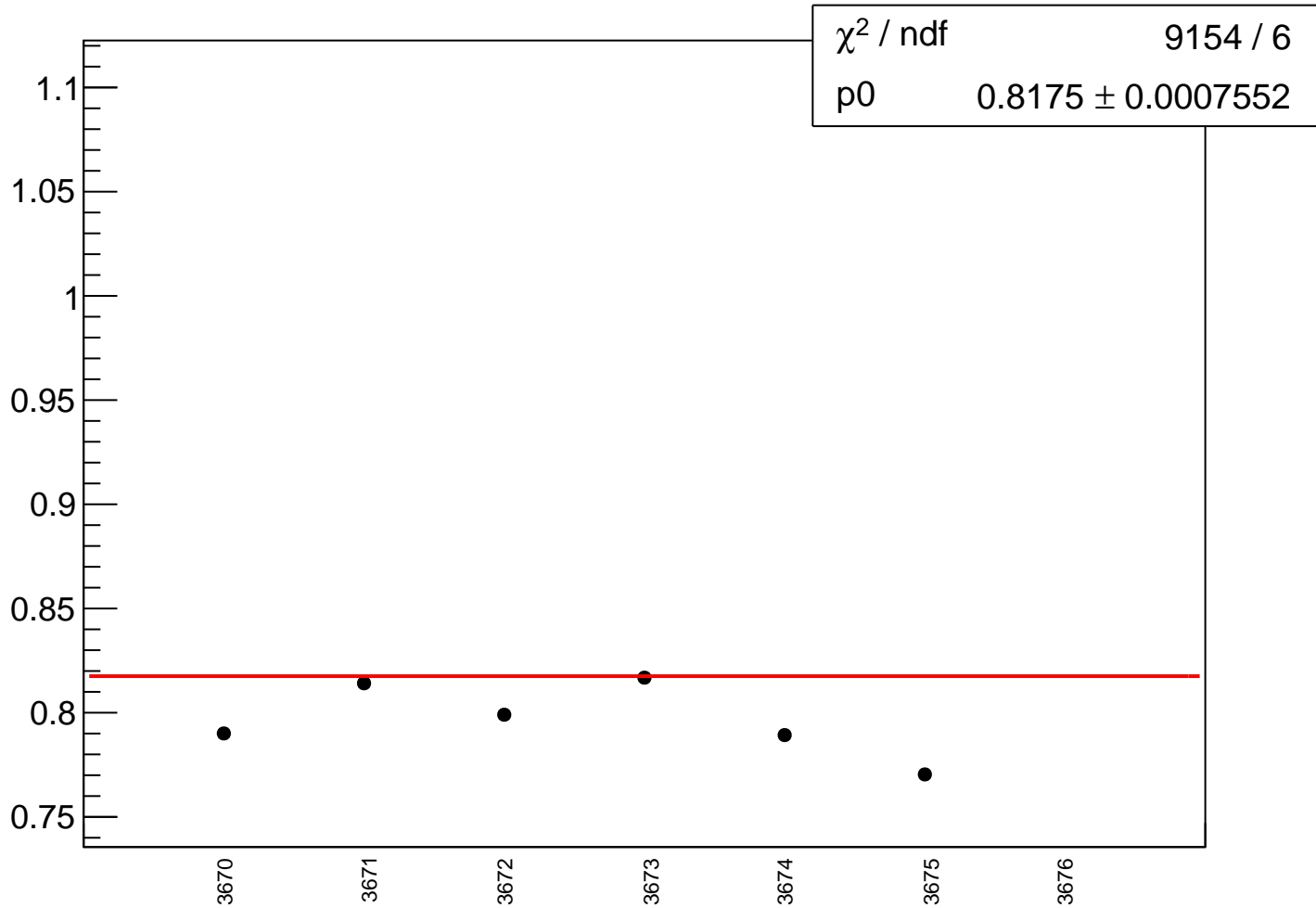
yield_sam2_rms vs run



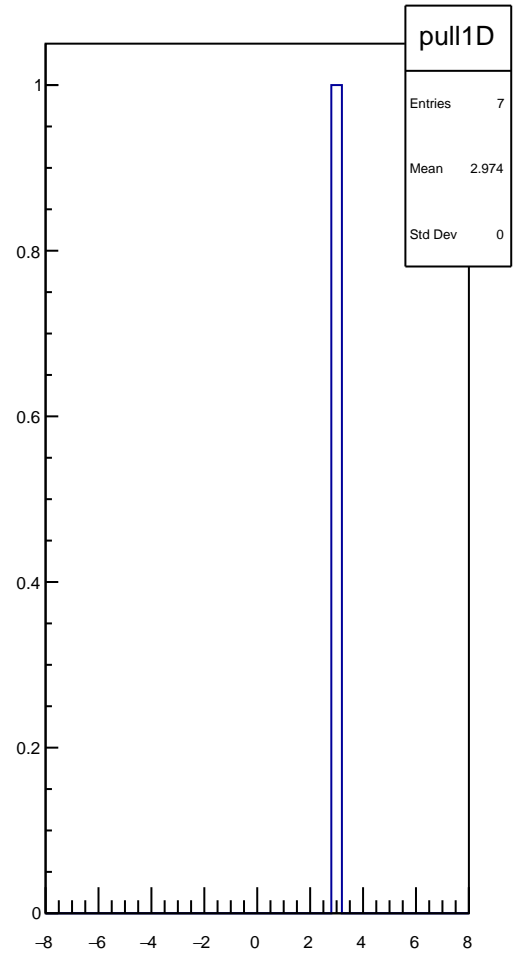
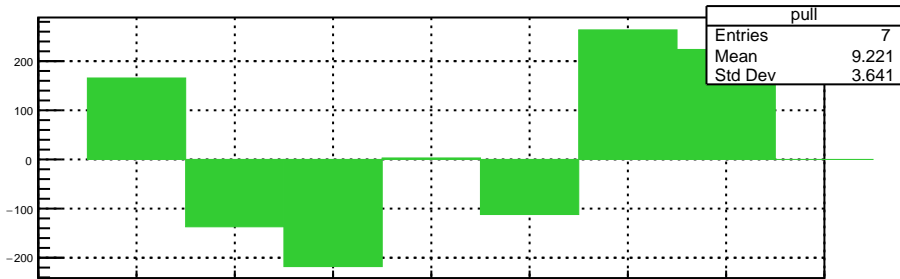
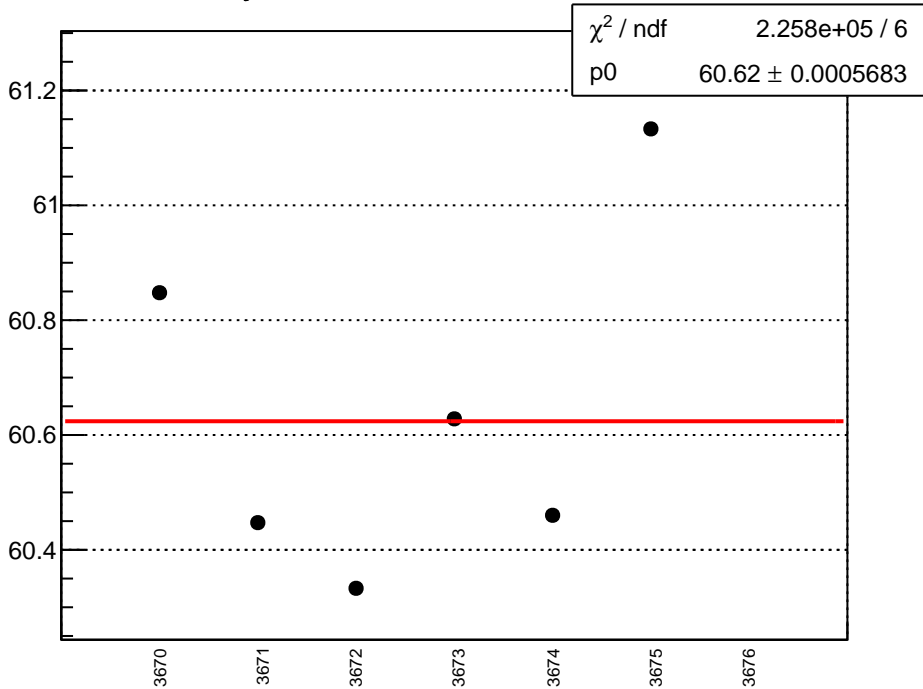
yield_sam3_mean vs run



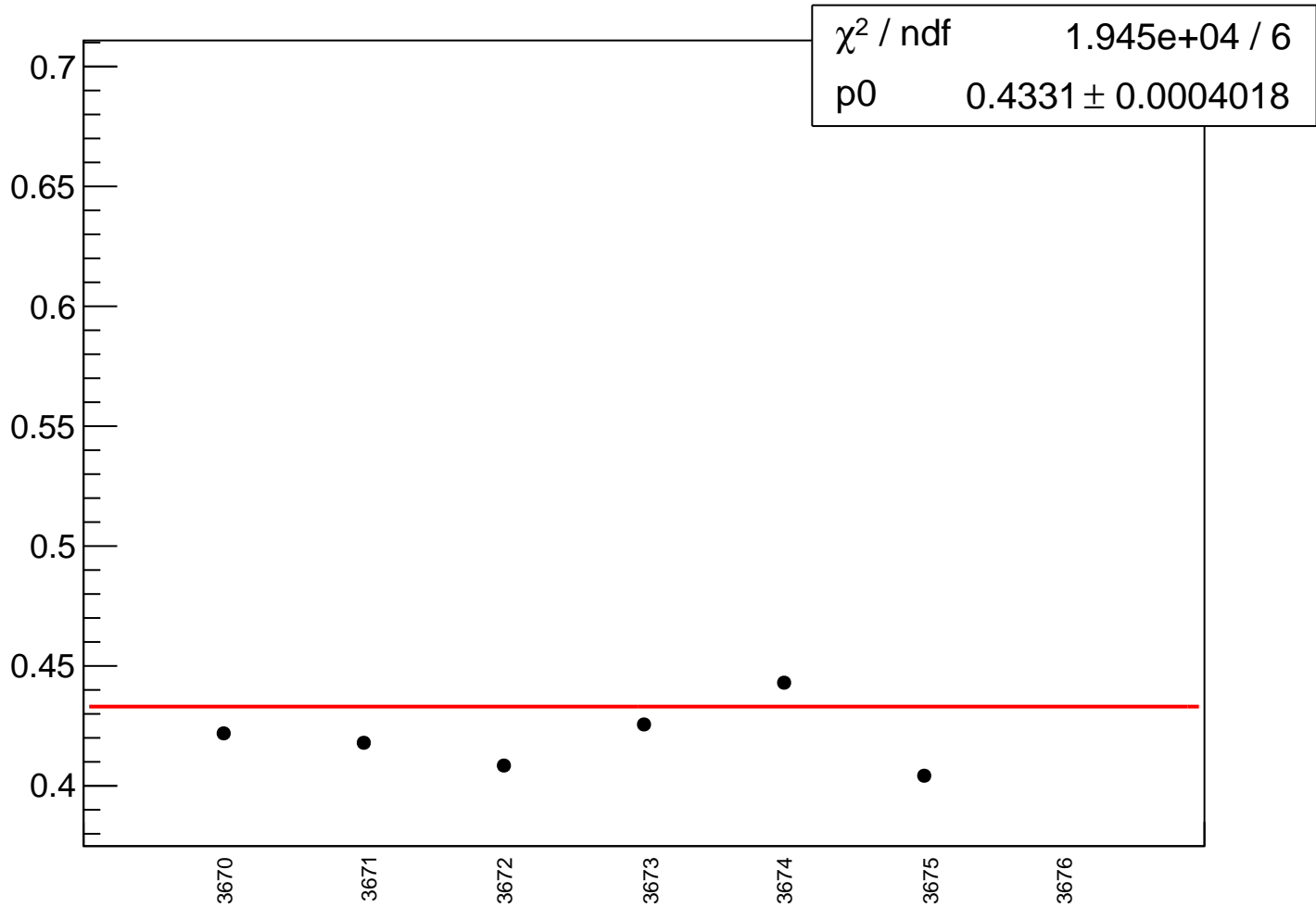
yield_sam3_rms vs run



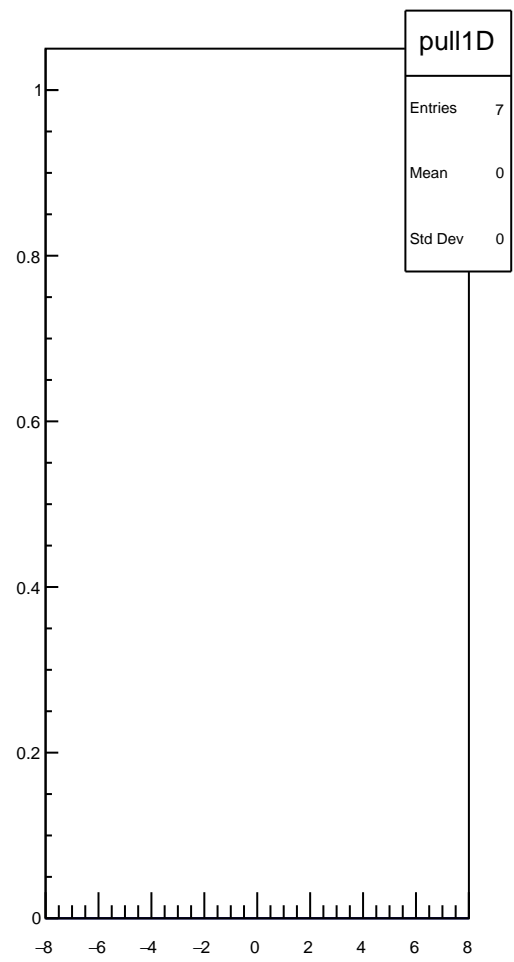
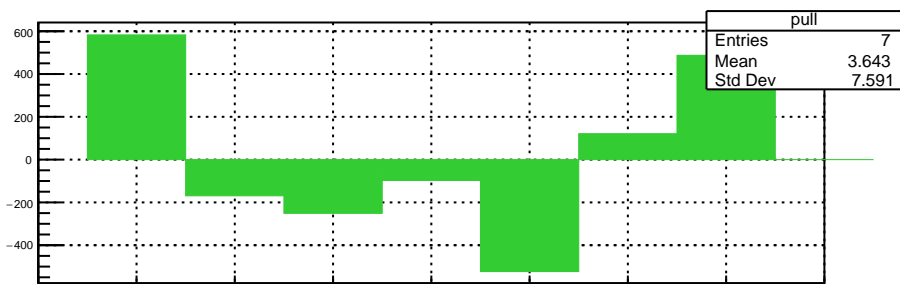
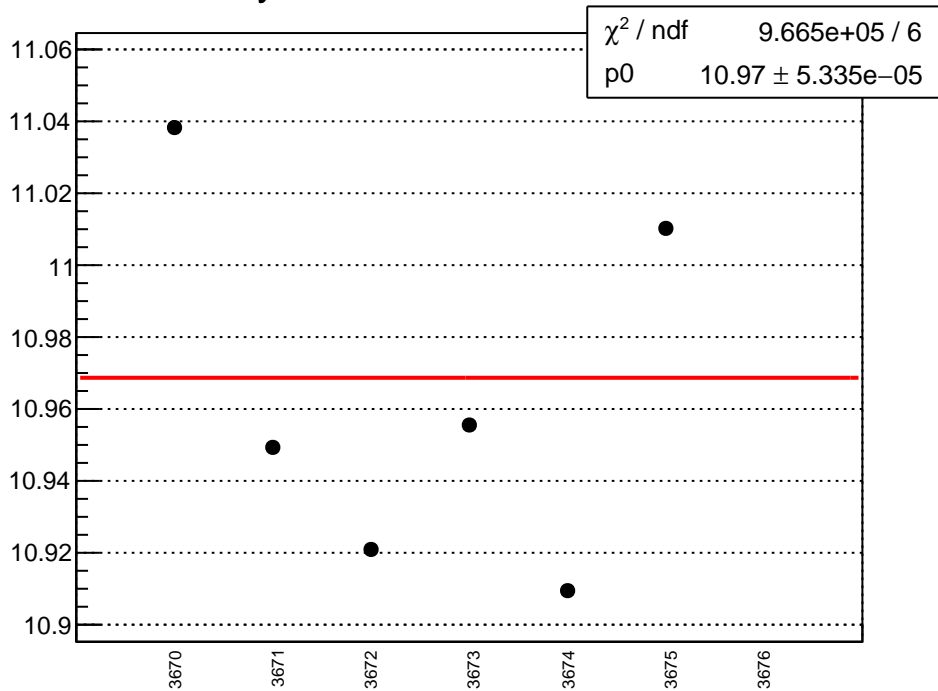
yield_sam4_mean vs run



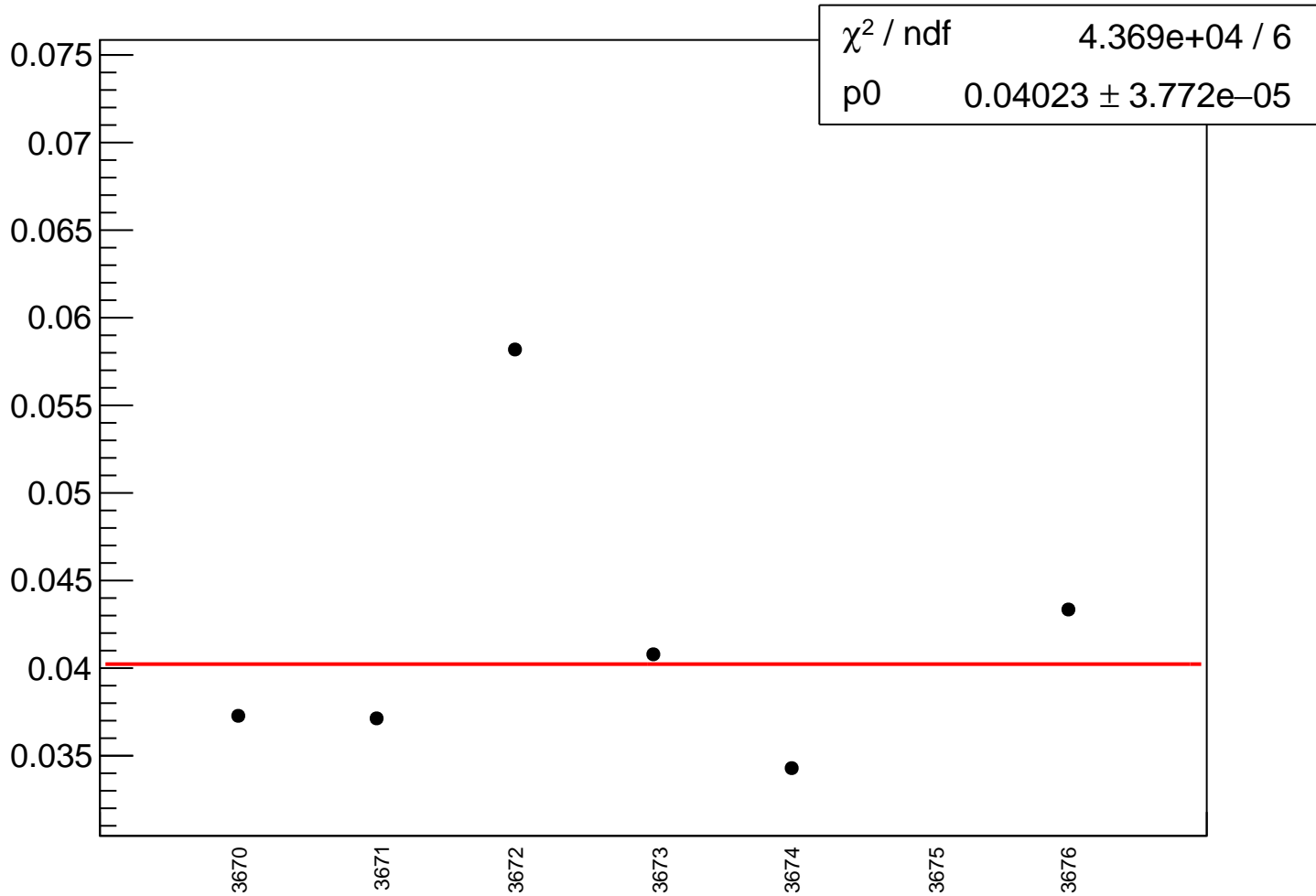
yield_sam4_rms vs run



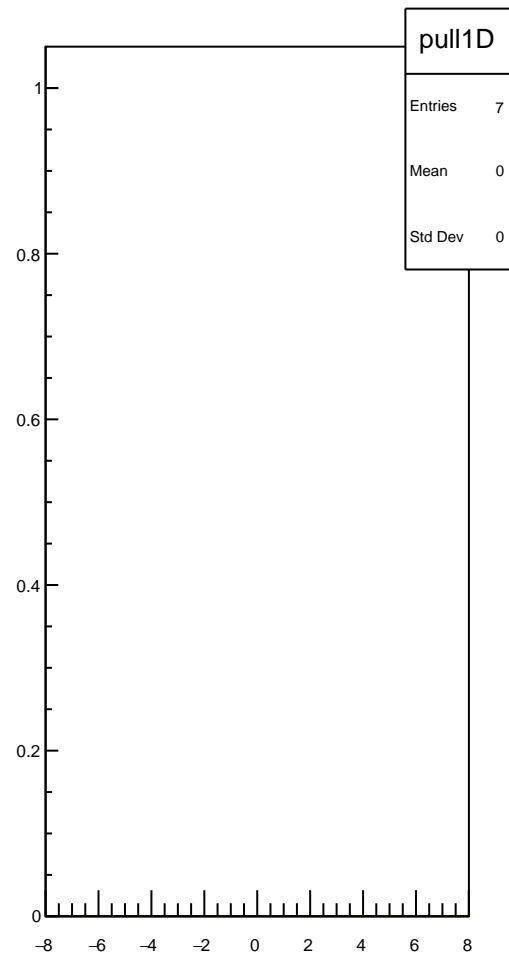
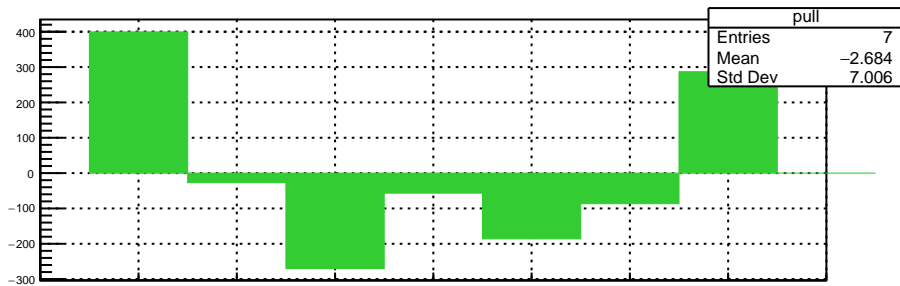
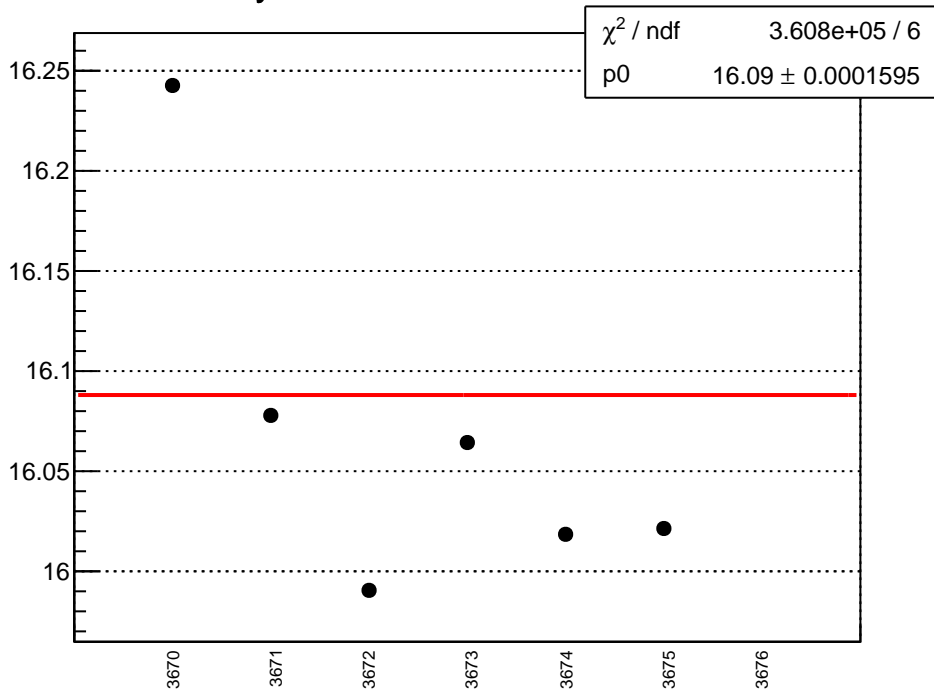
yield_sam5_mean vs run



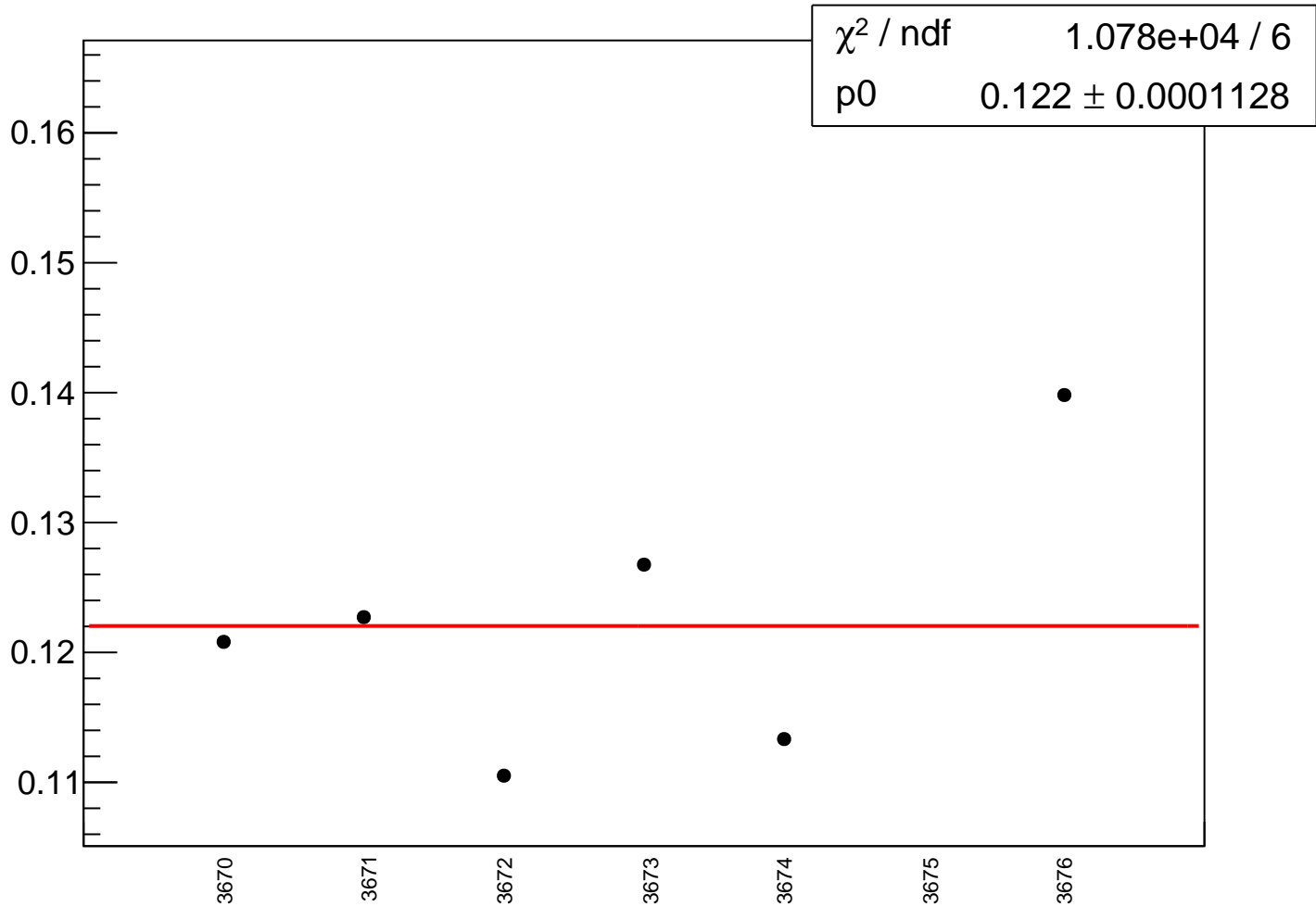
yield_sam5_rms vs run



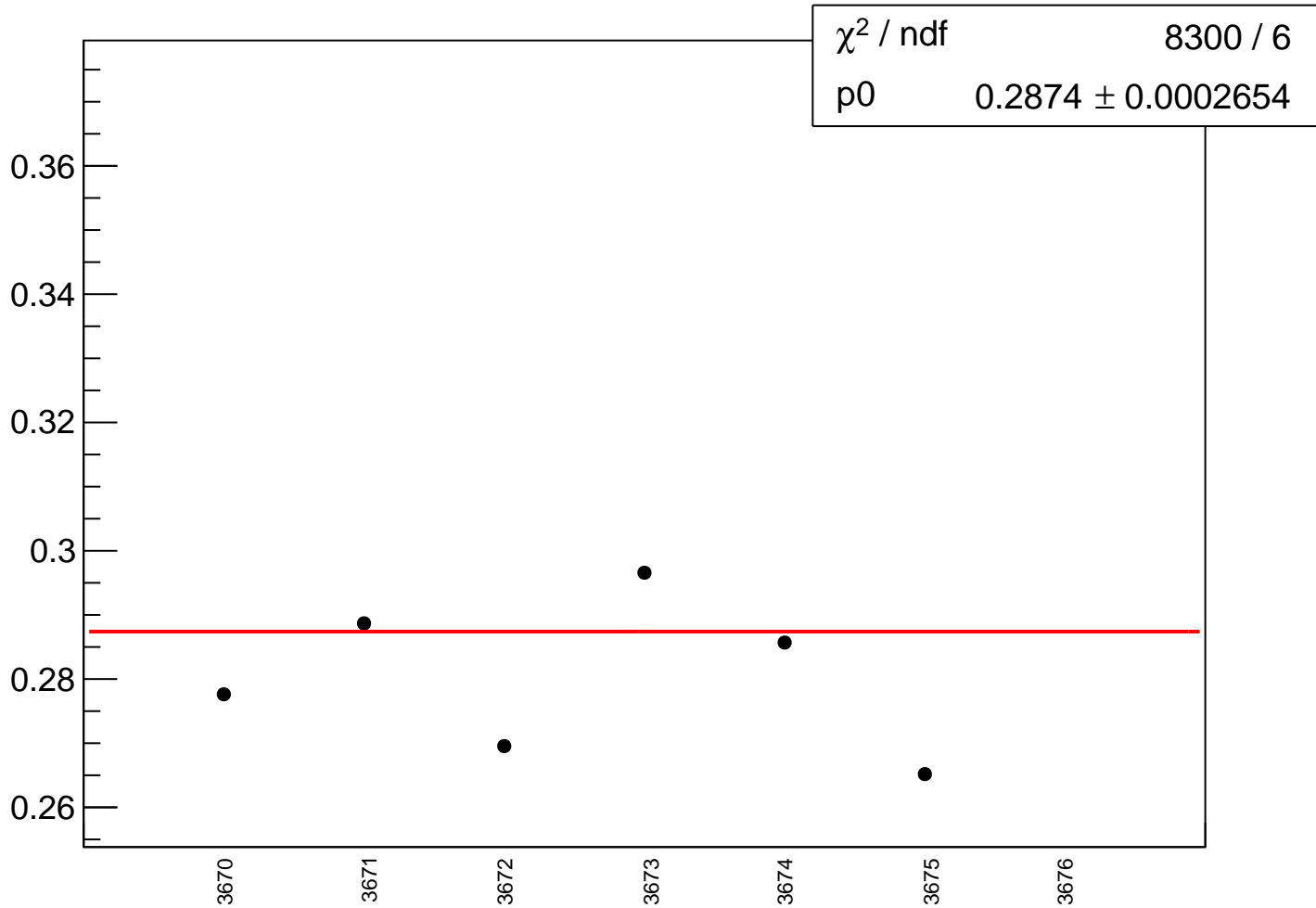
yield_sam6_mean vs run



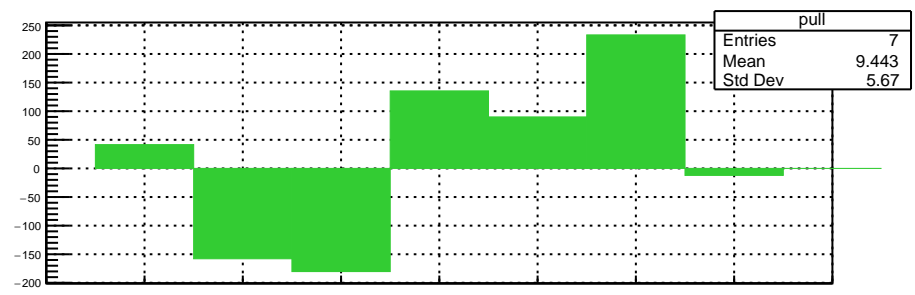
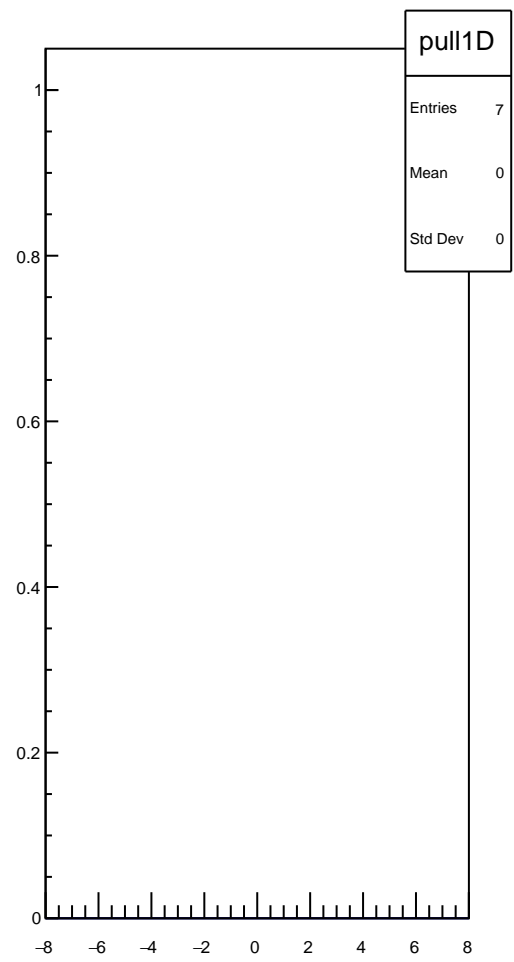
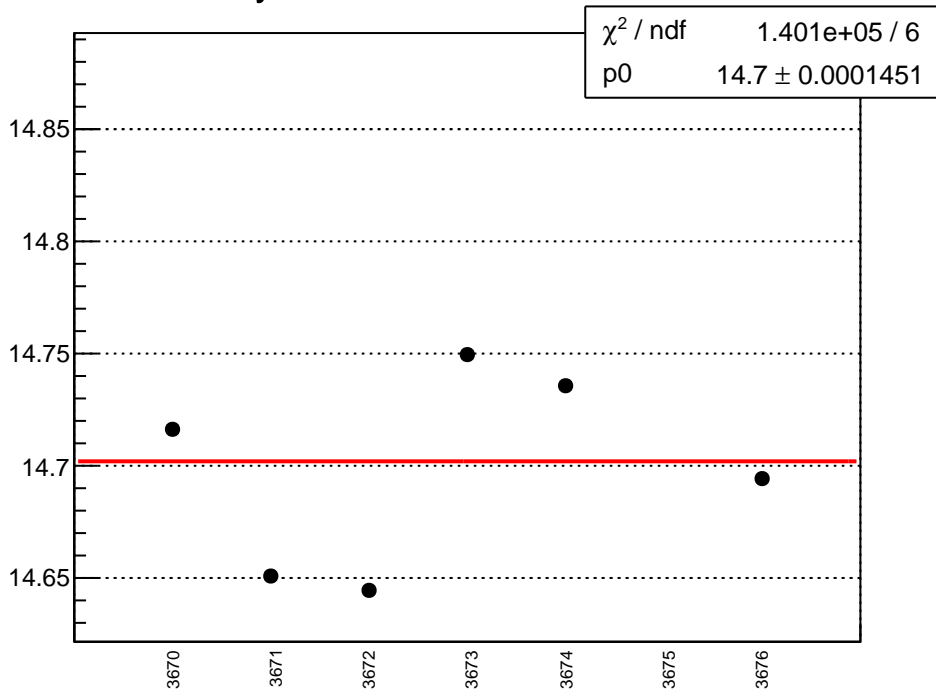
yield_sam6_rms vs run



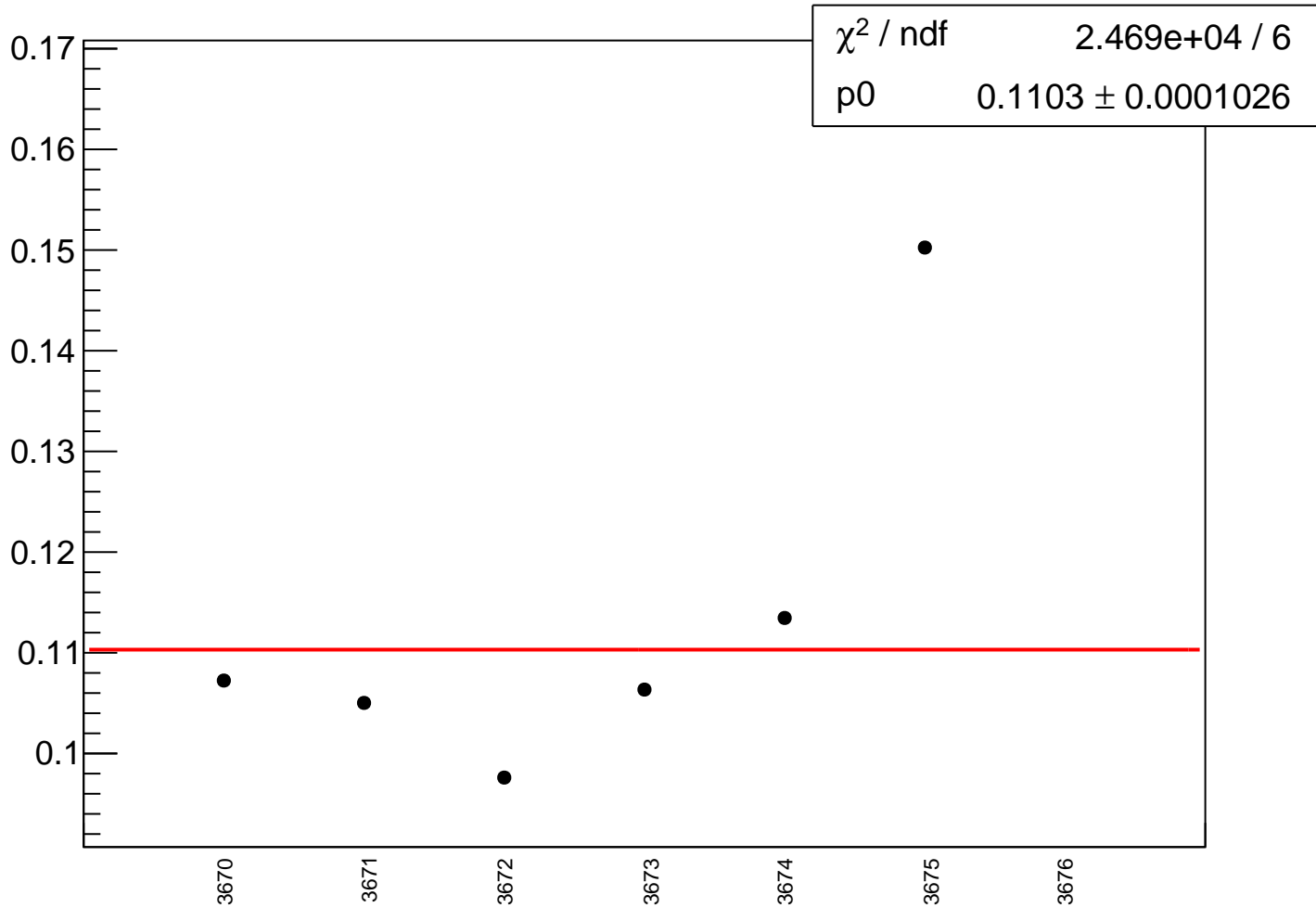
yield_sam7_rms vs run



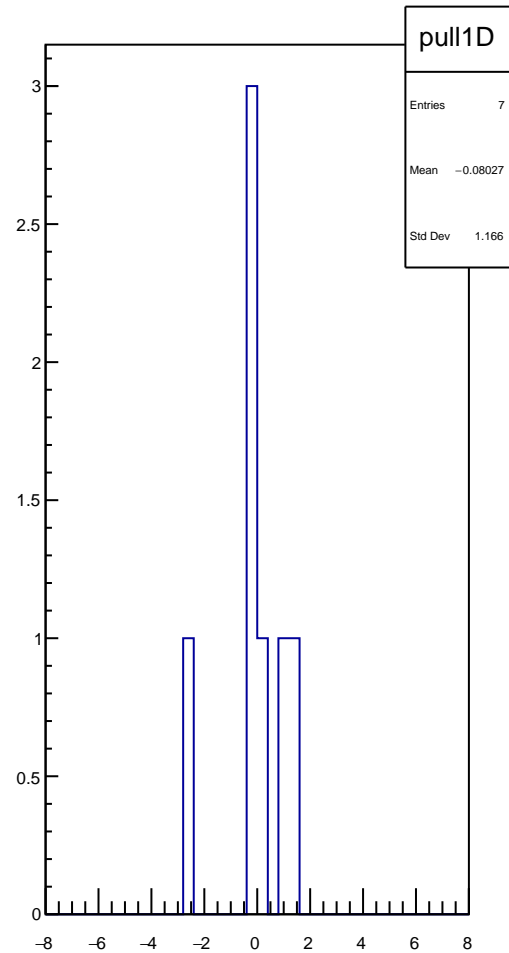
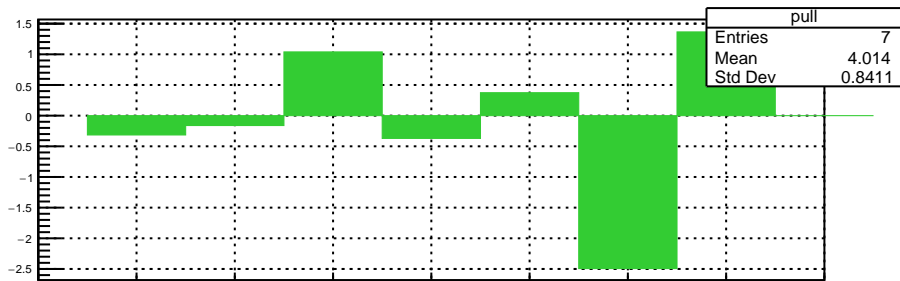
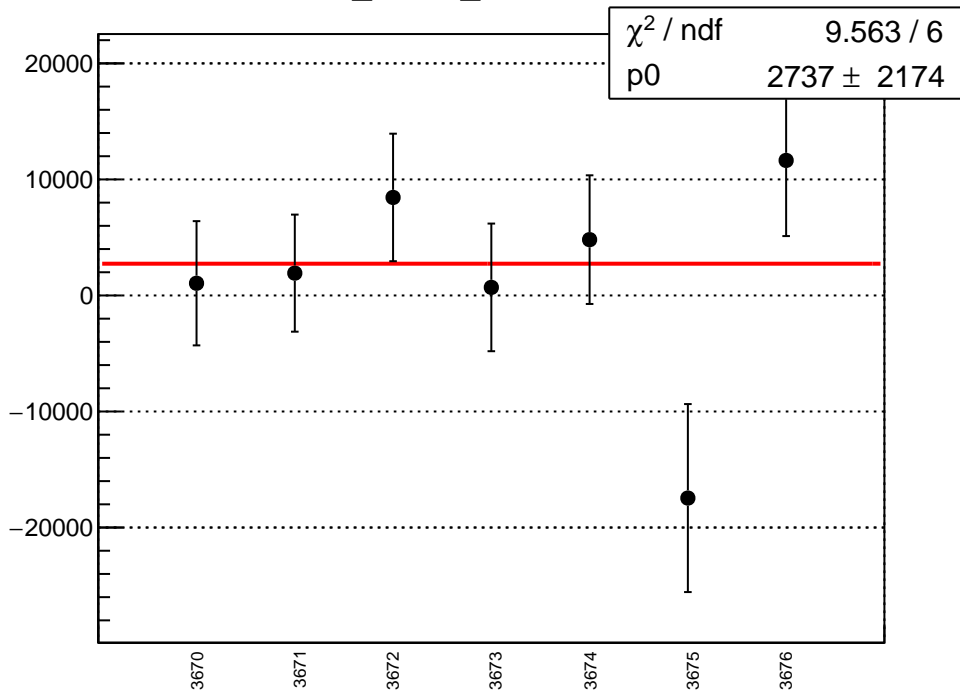
yield_sam8_mean vs run



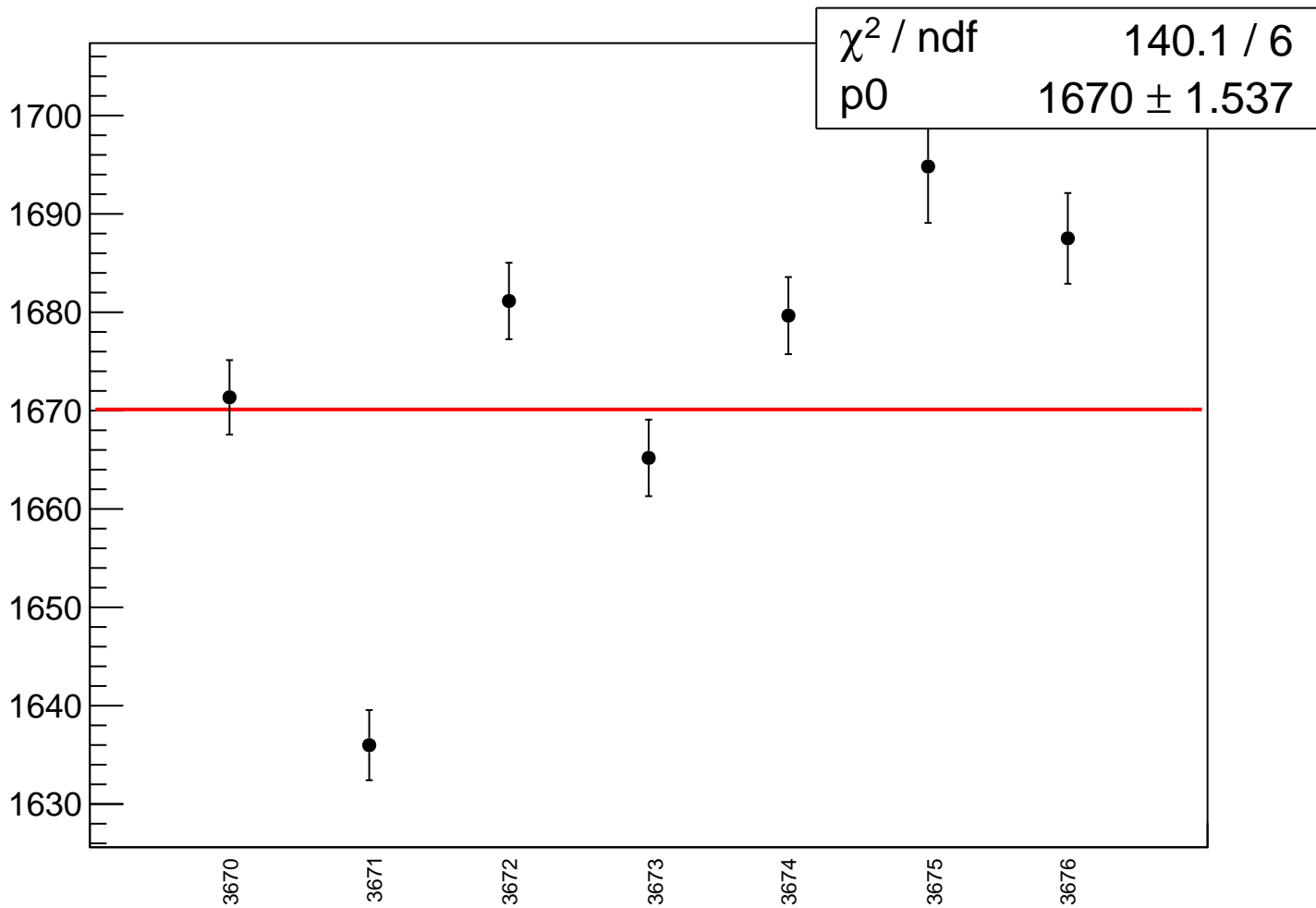
yield_sam8_rms vs run



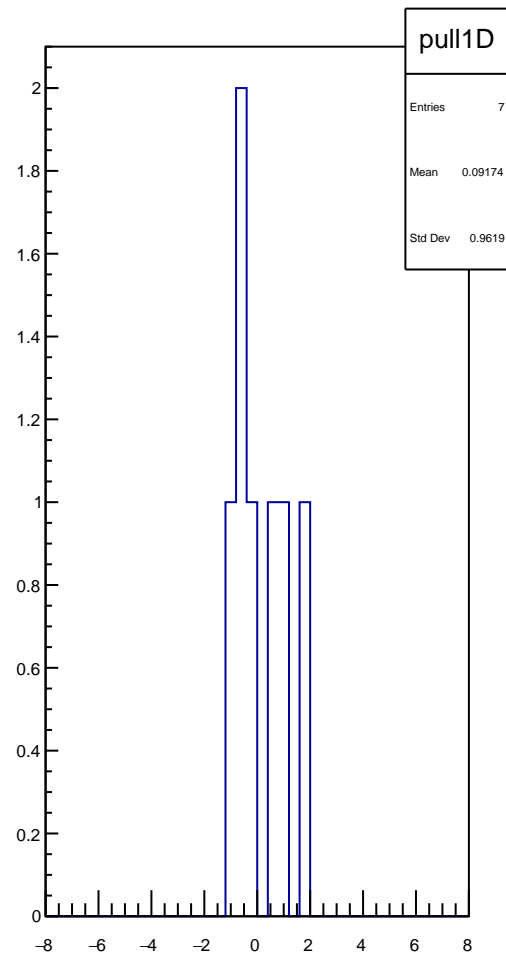
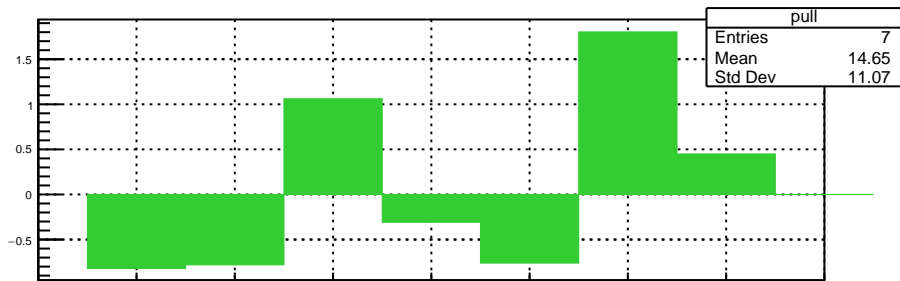
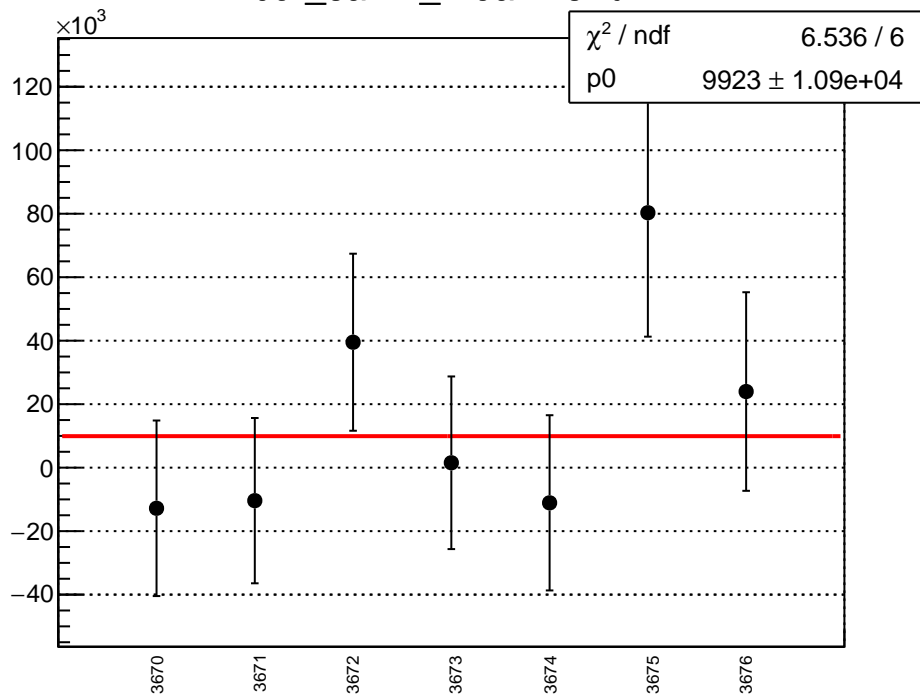
cor_sam1_mean vs run



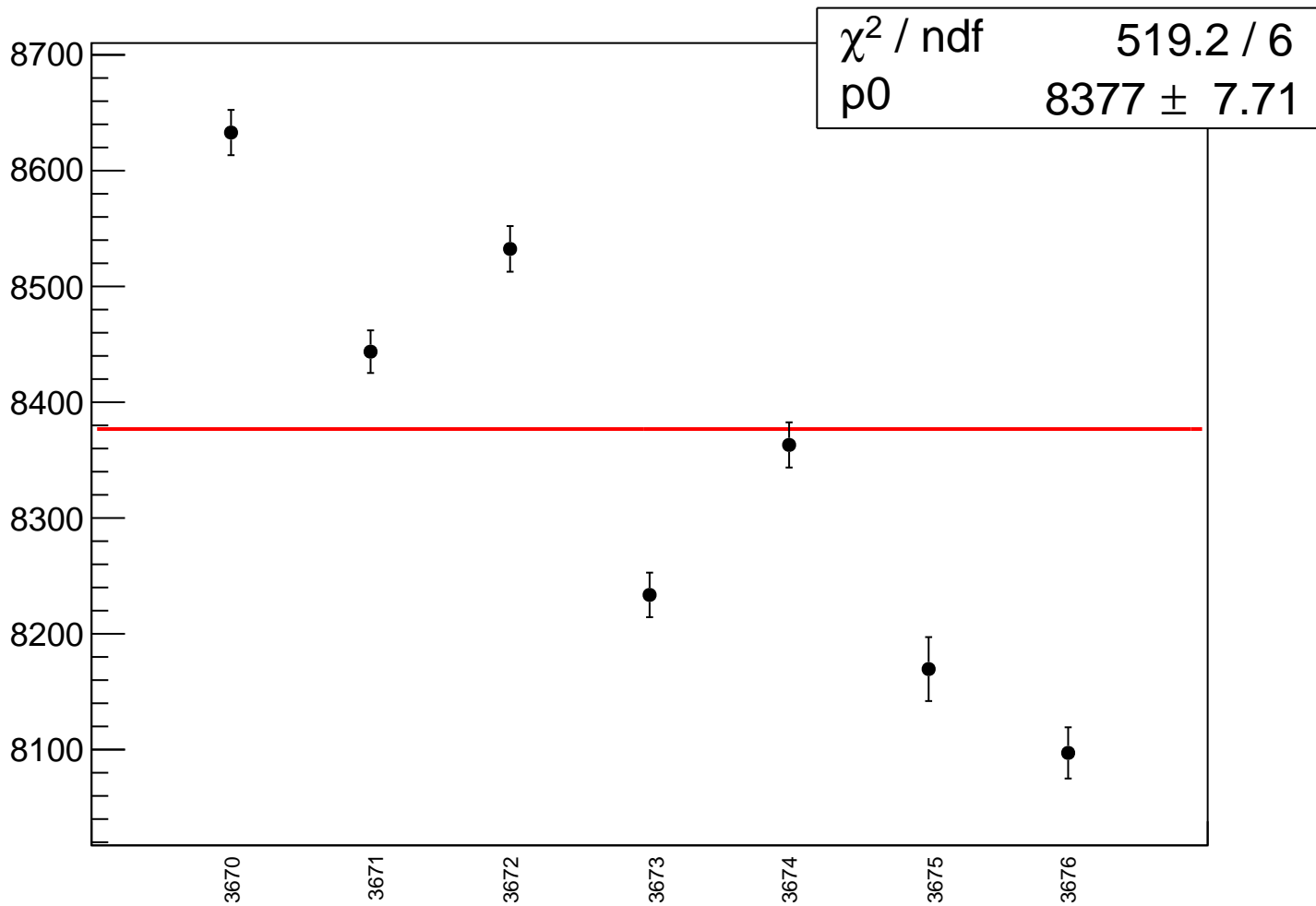
cor_sam1_rms vs run



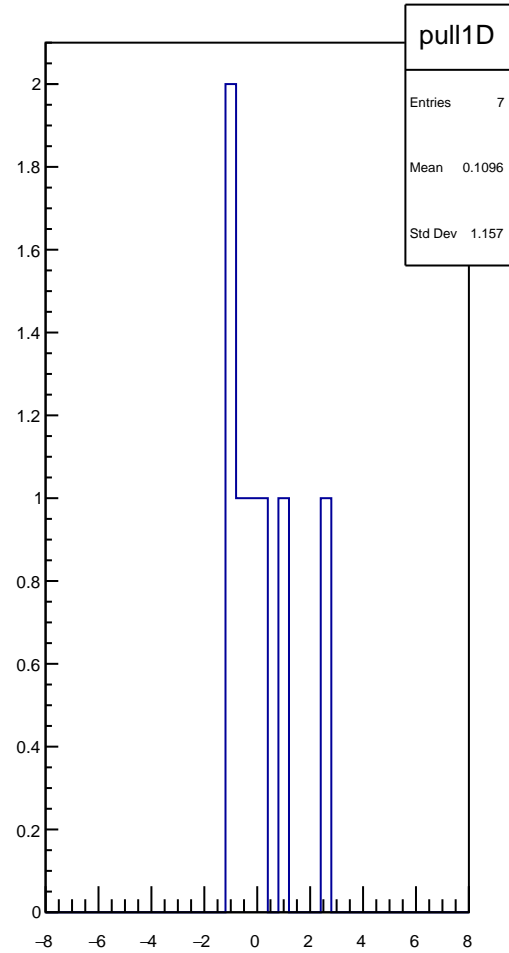
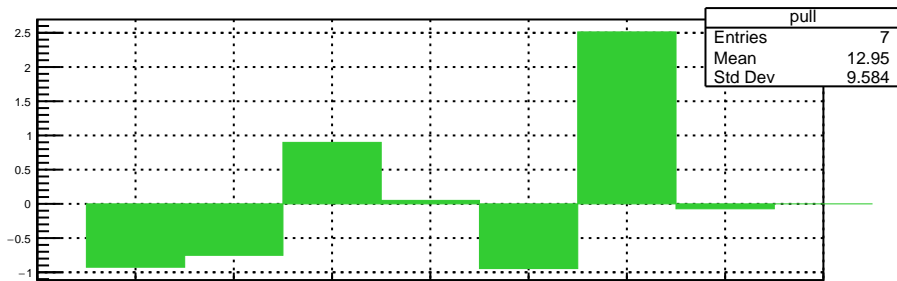
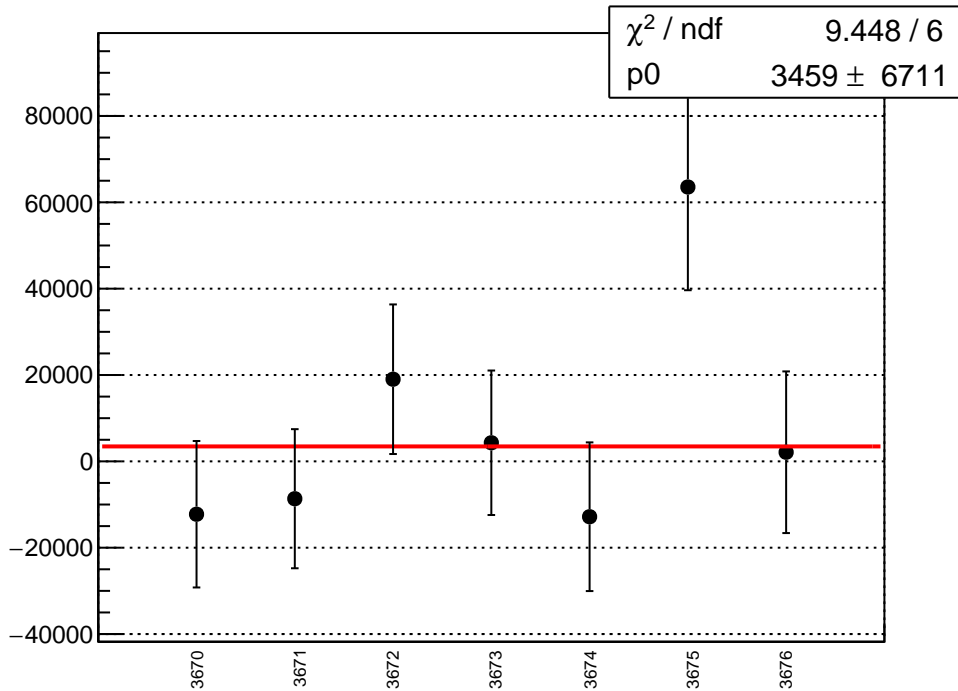
cor_sam2_mean vs run



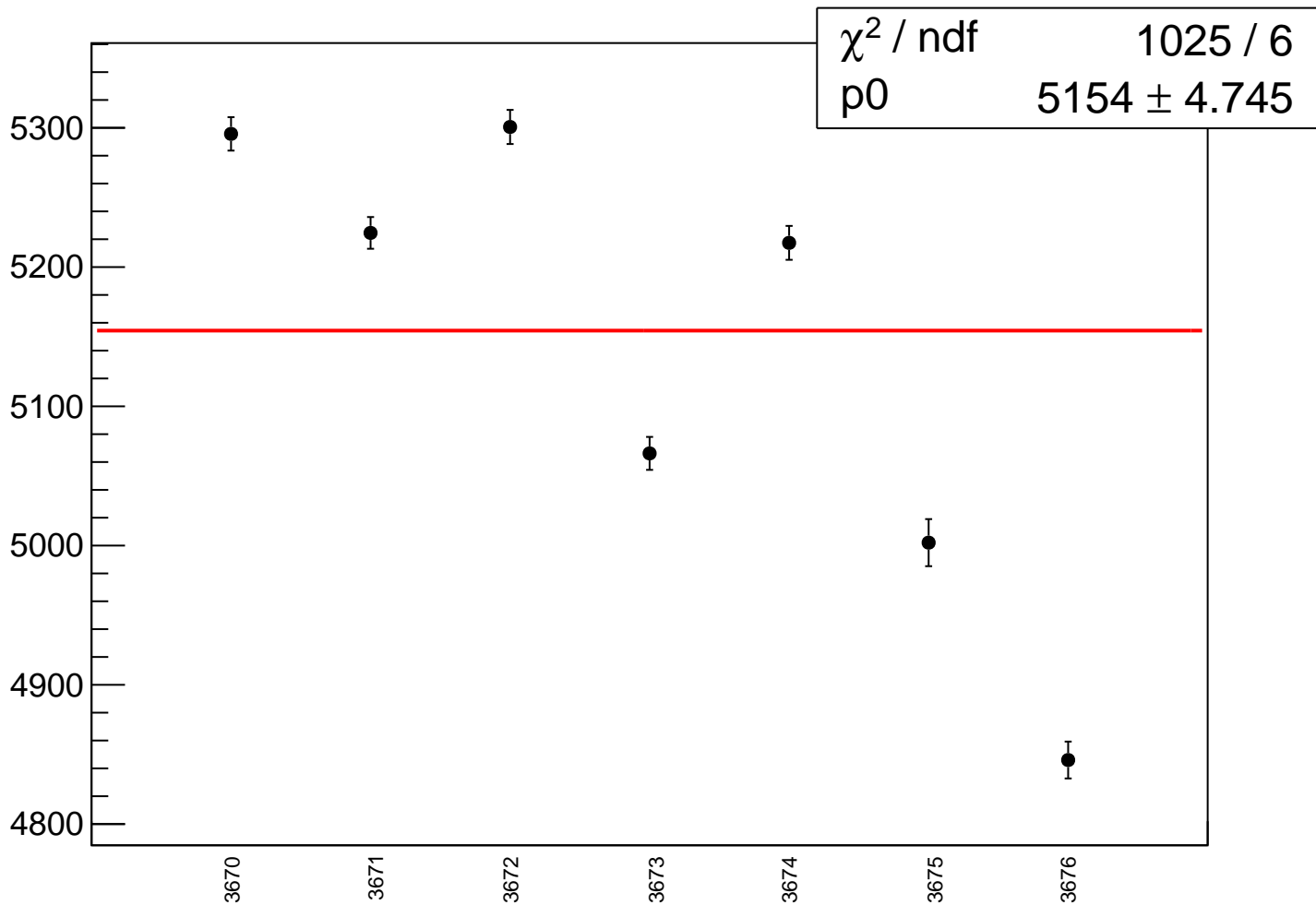
cor_sam2_rms vs run



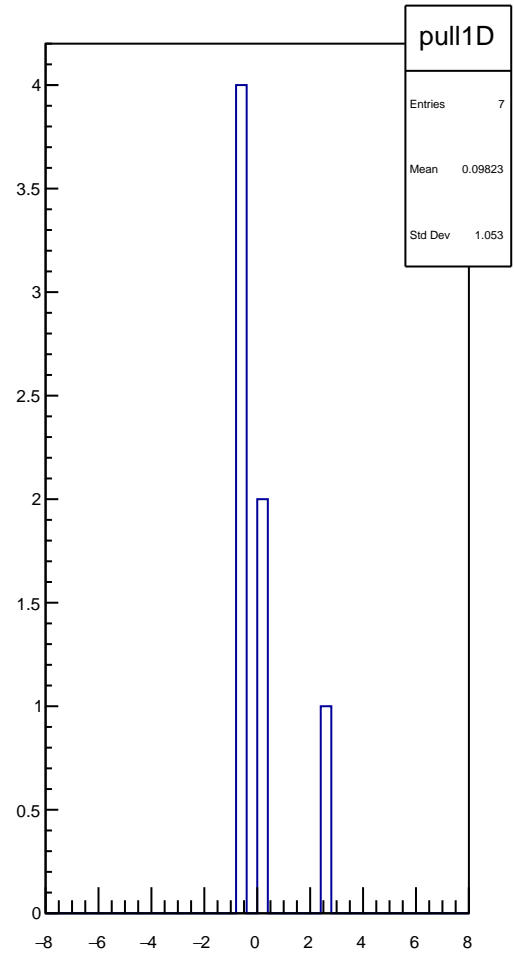
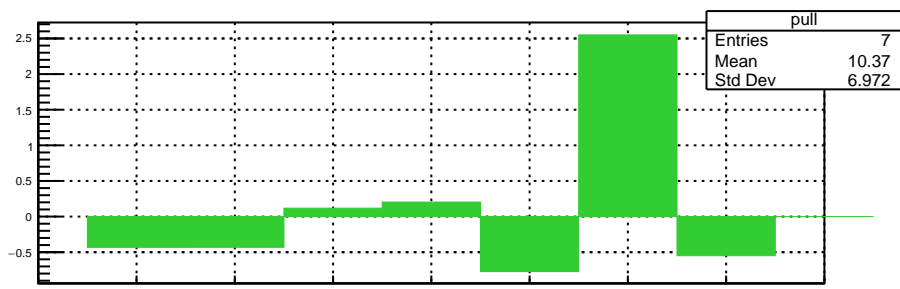
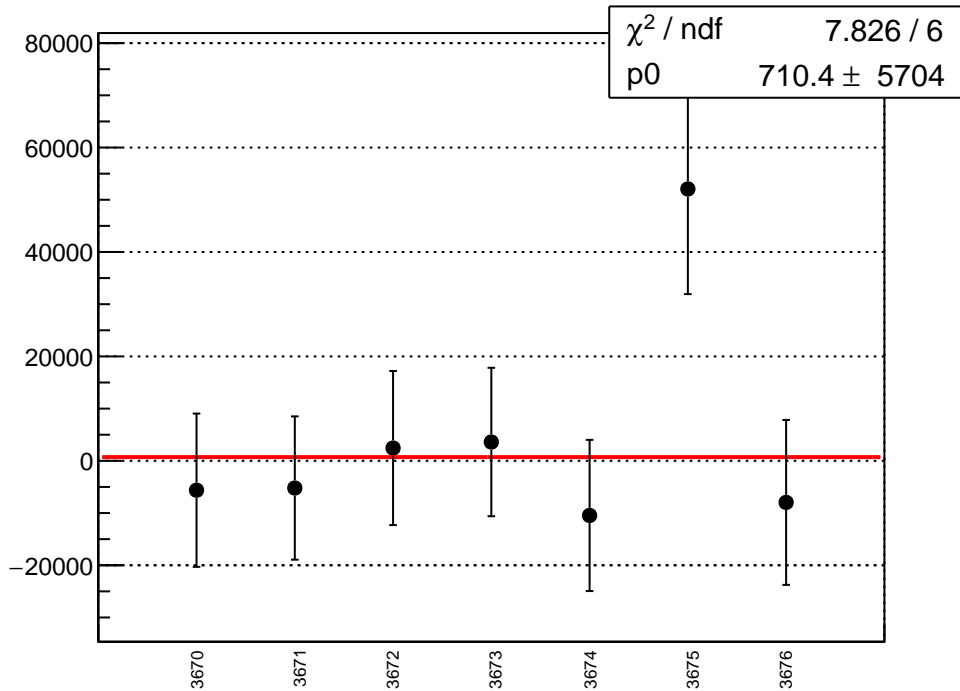
cor_sam3_mean vs run



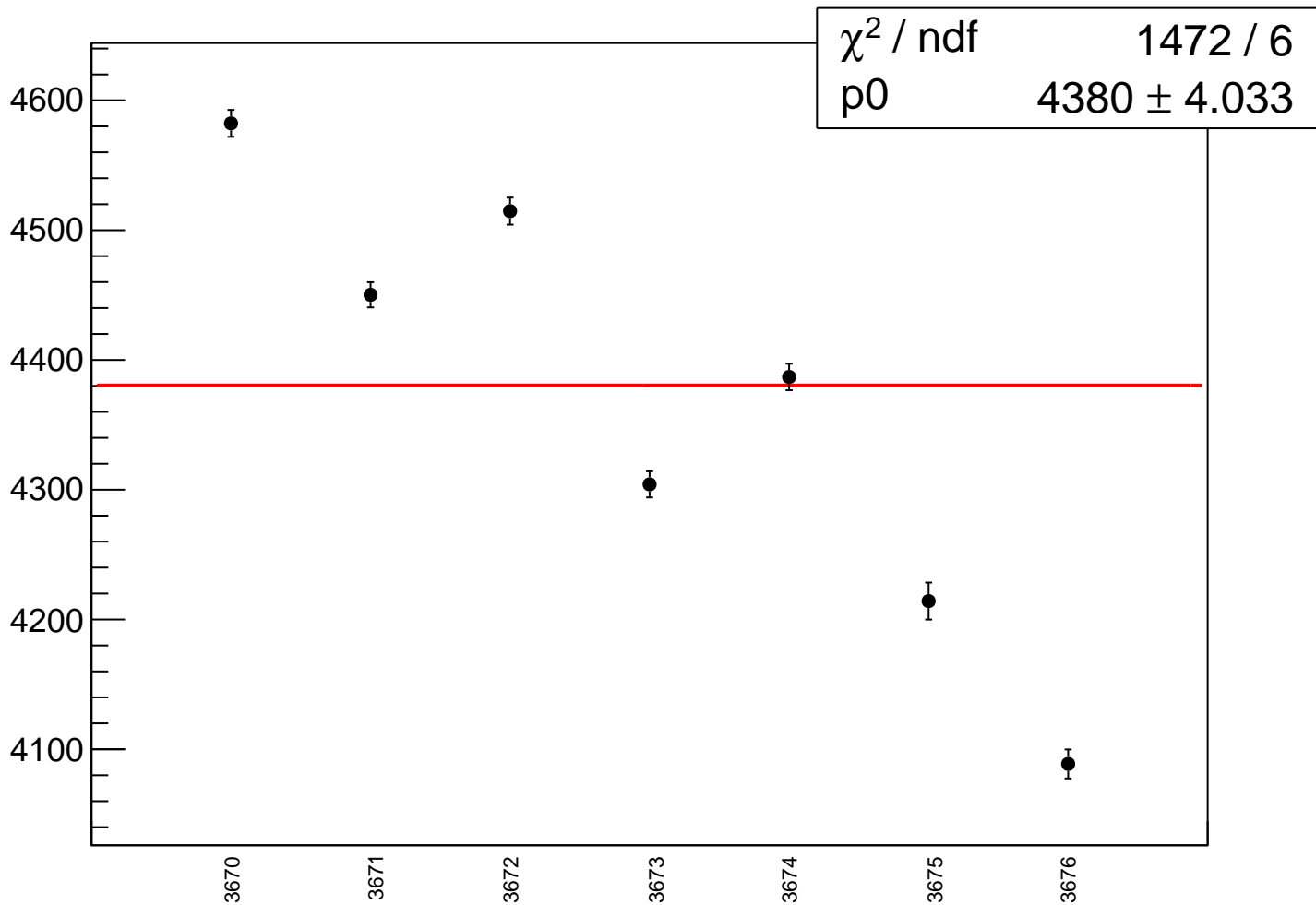
cor_sam3_rms vs run



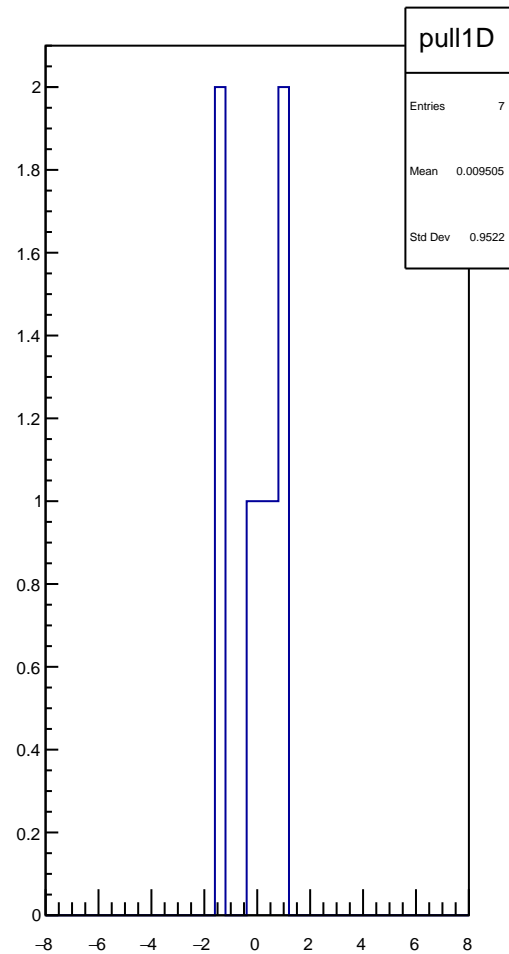
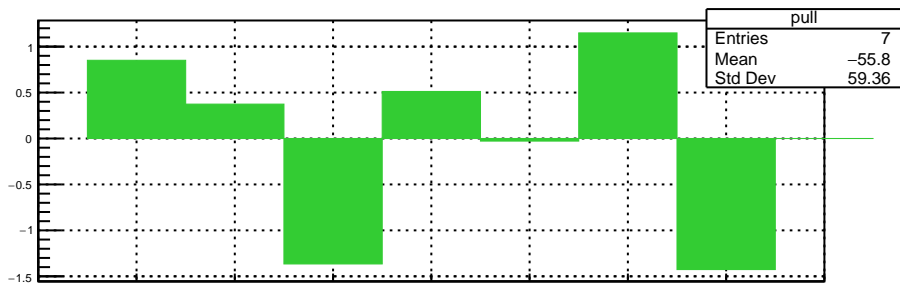
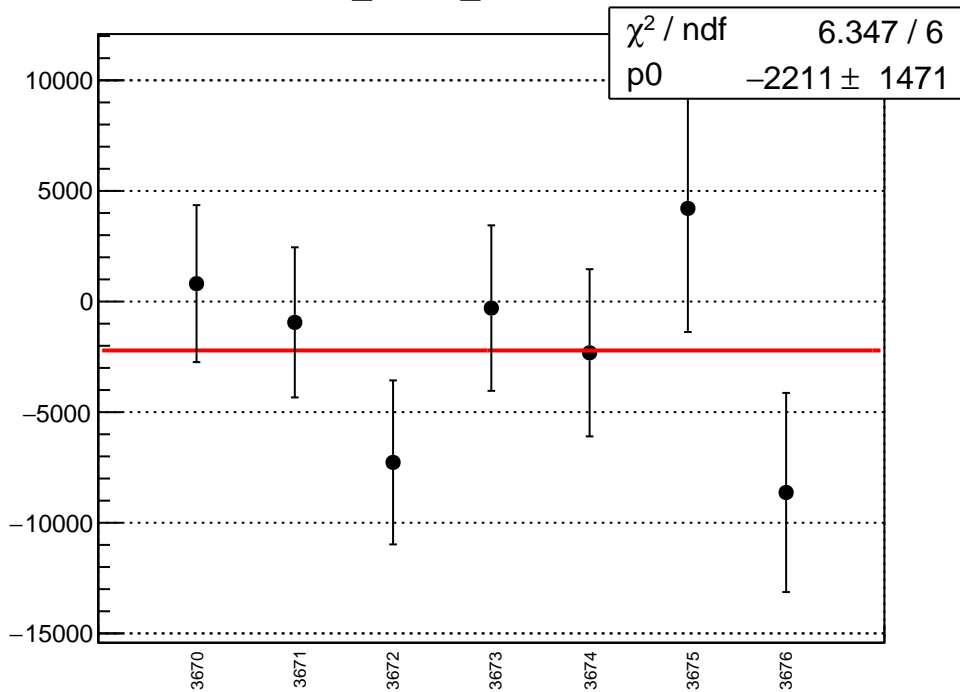
cor_sam4_mean vs run



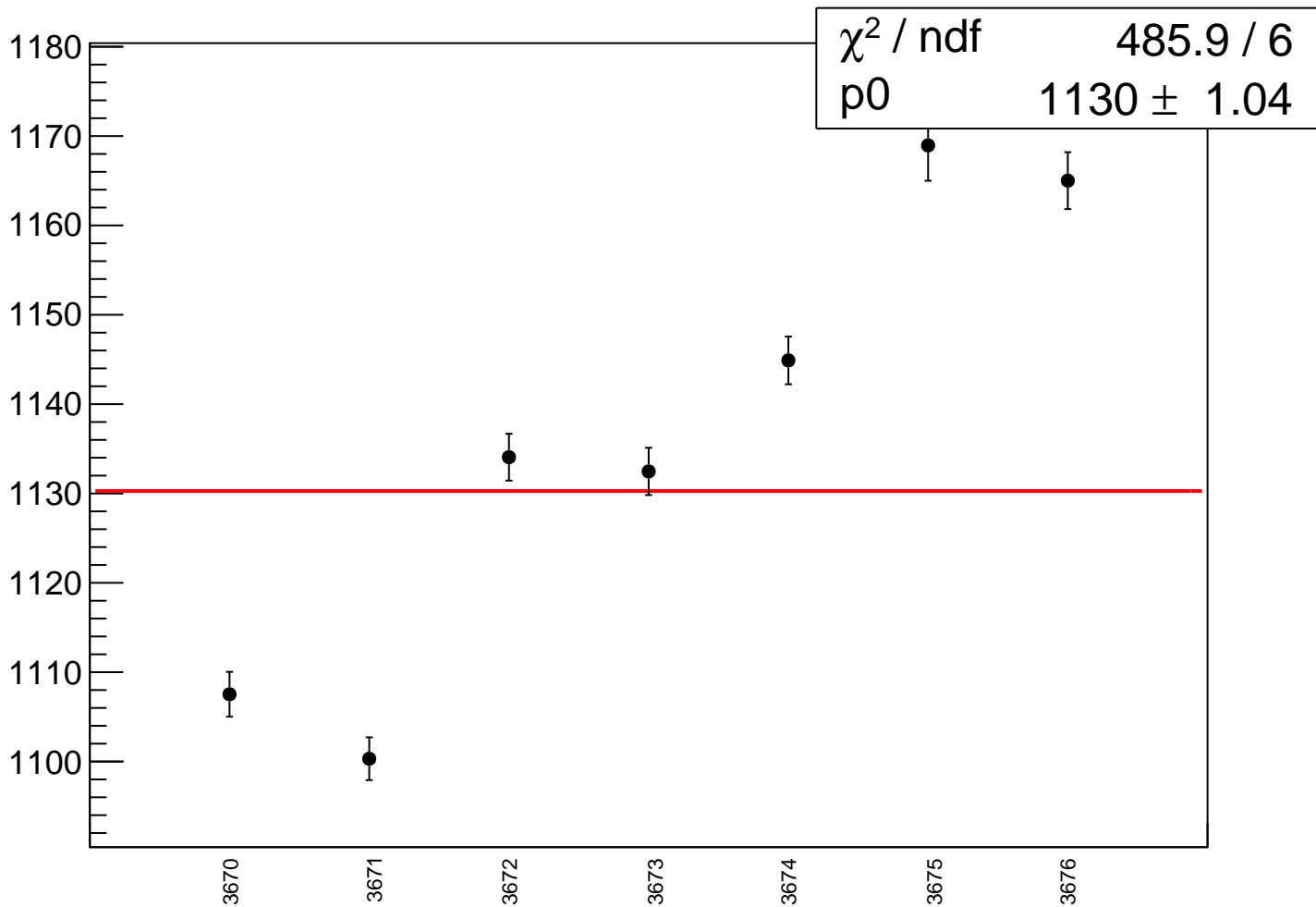
cor_sam4_rms vs run



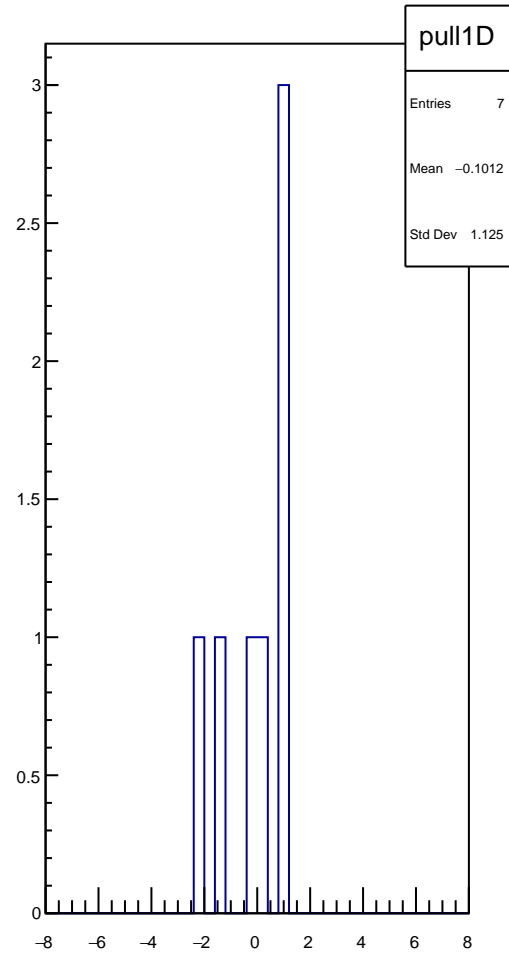
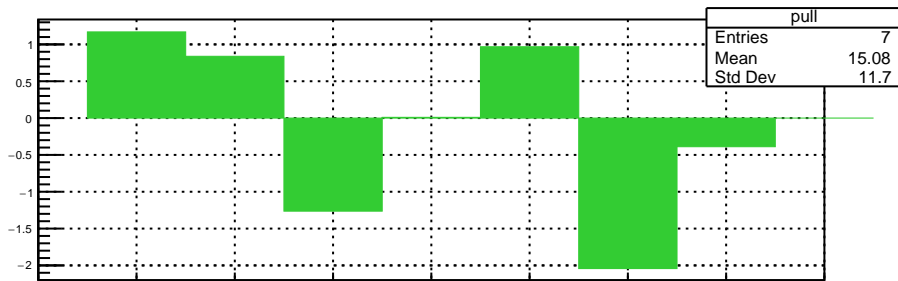
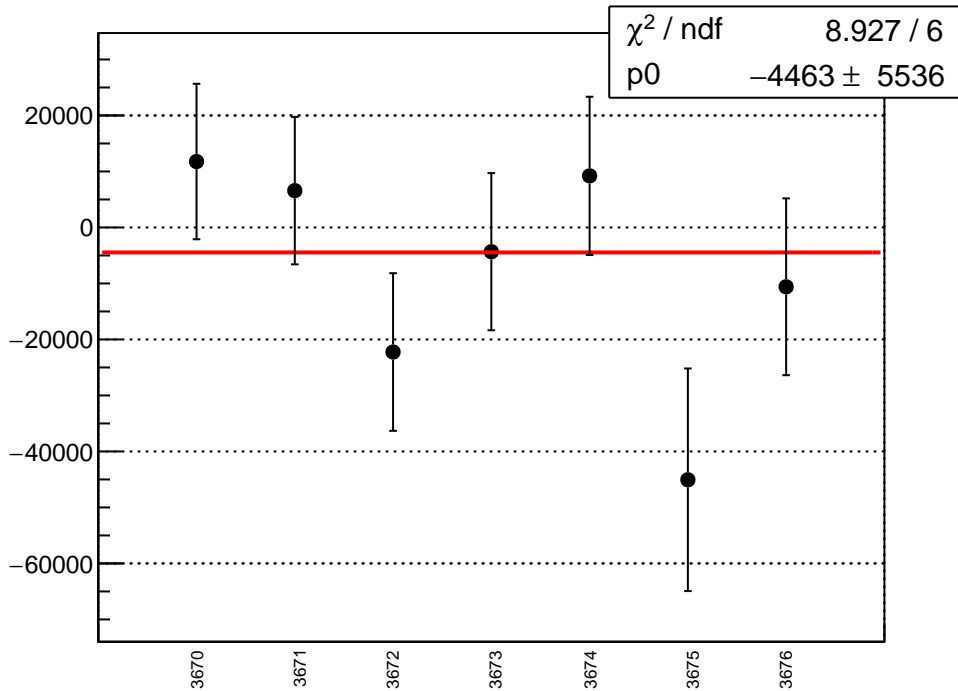
cor_sam5_mean vs run



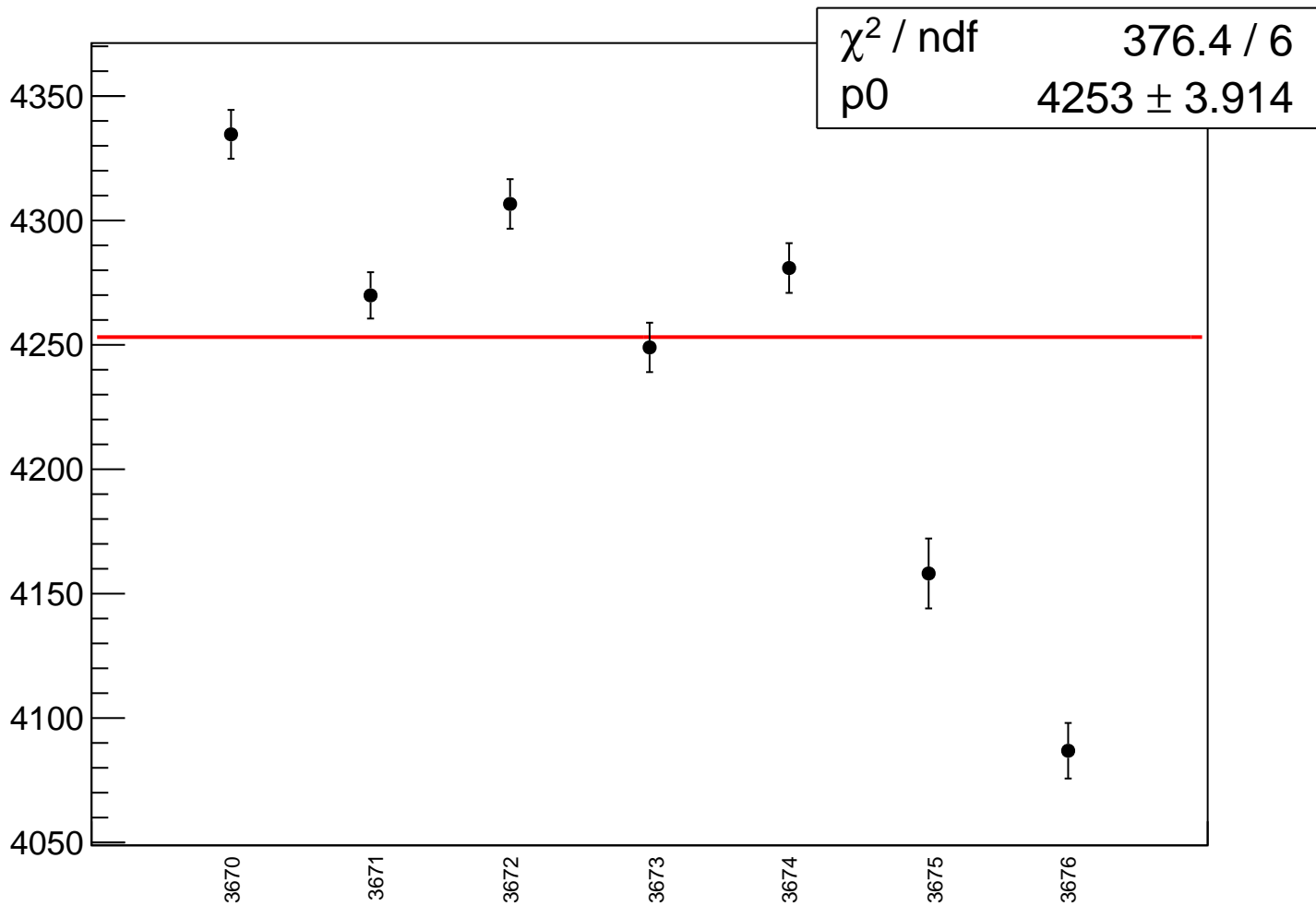
cor_sam5_rms vs run



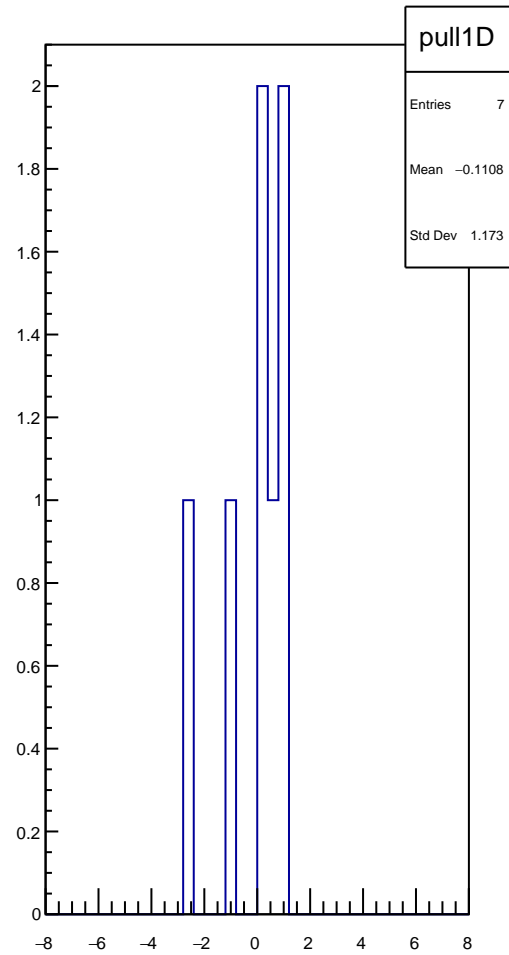
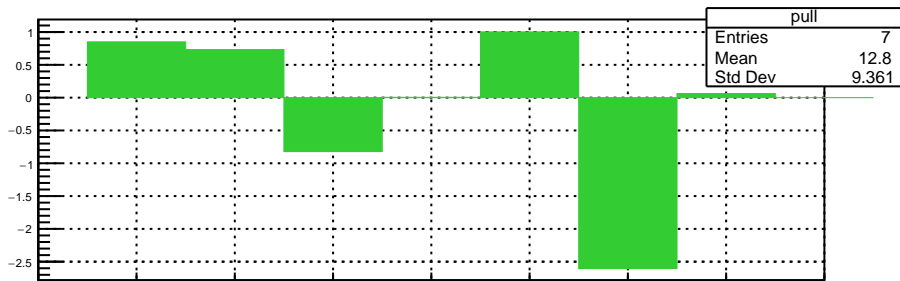
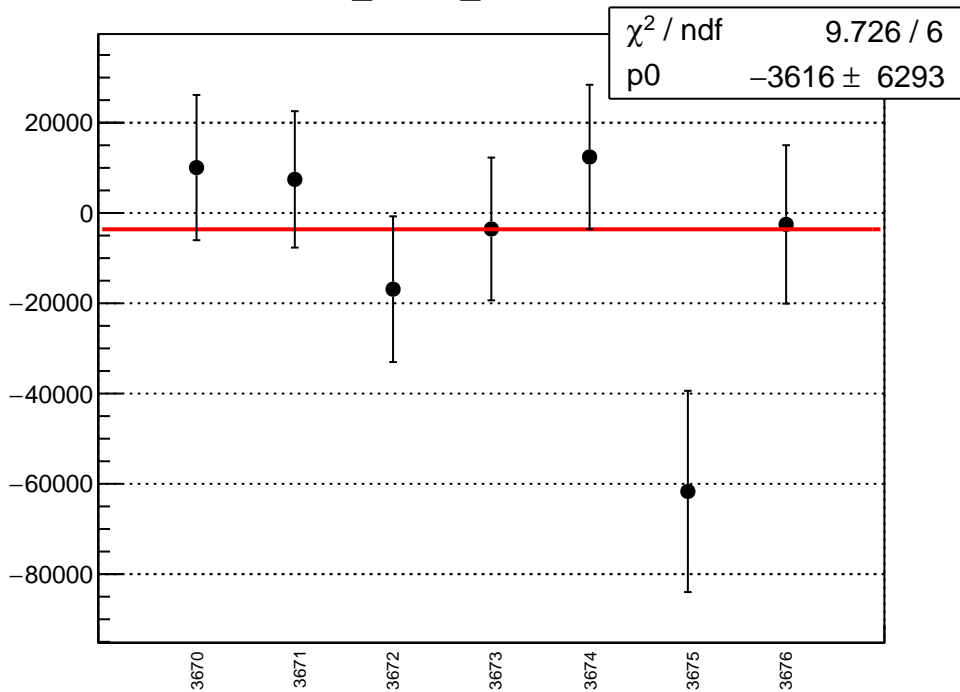
cor_sam6_mean vs run



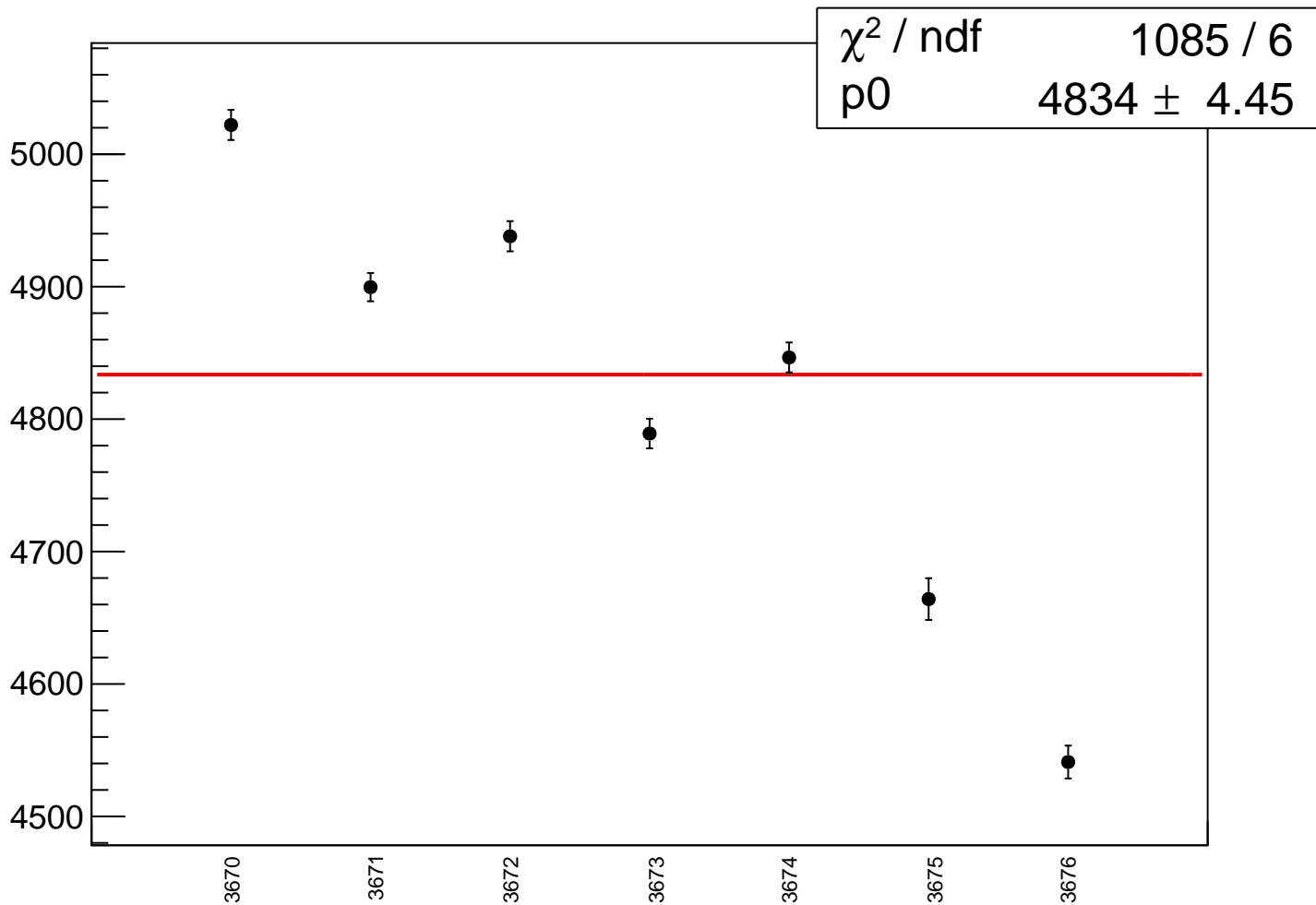
cor_sam6_rms vs run



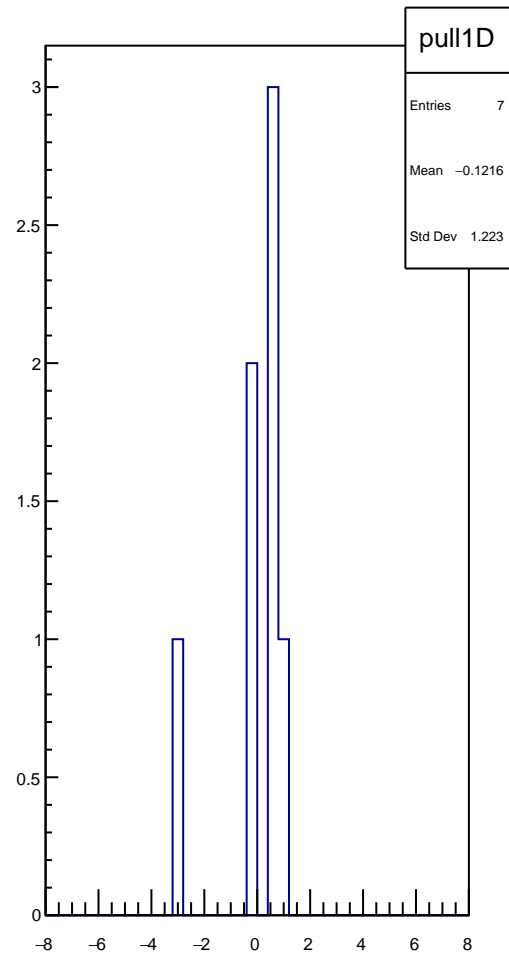
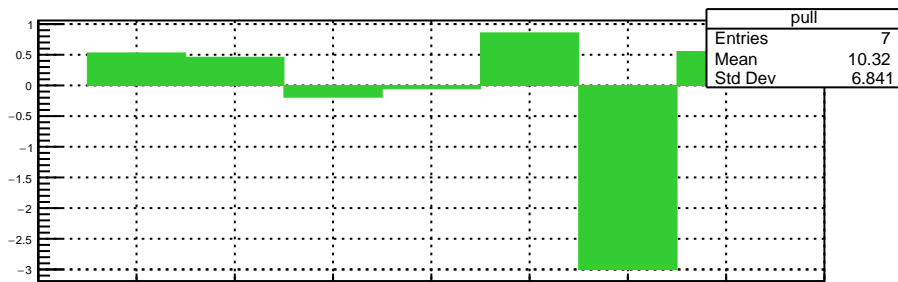
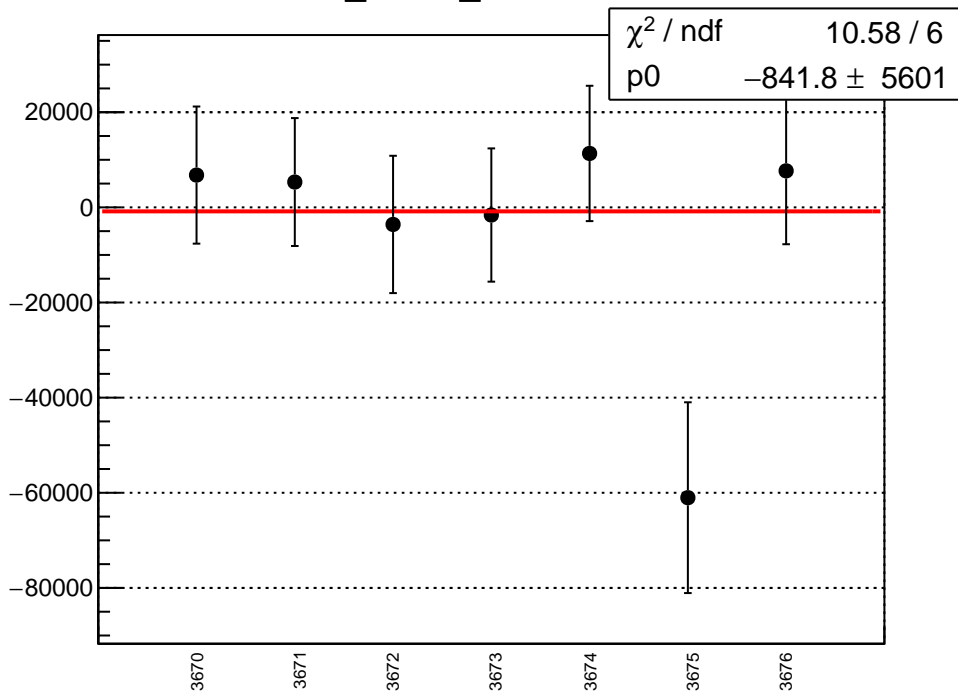
cor_sam7_mean vs run



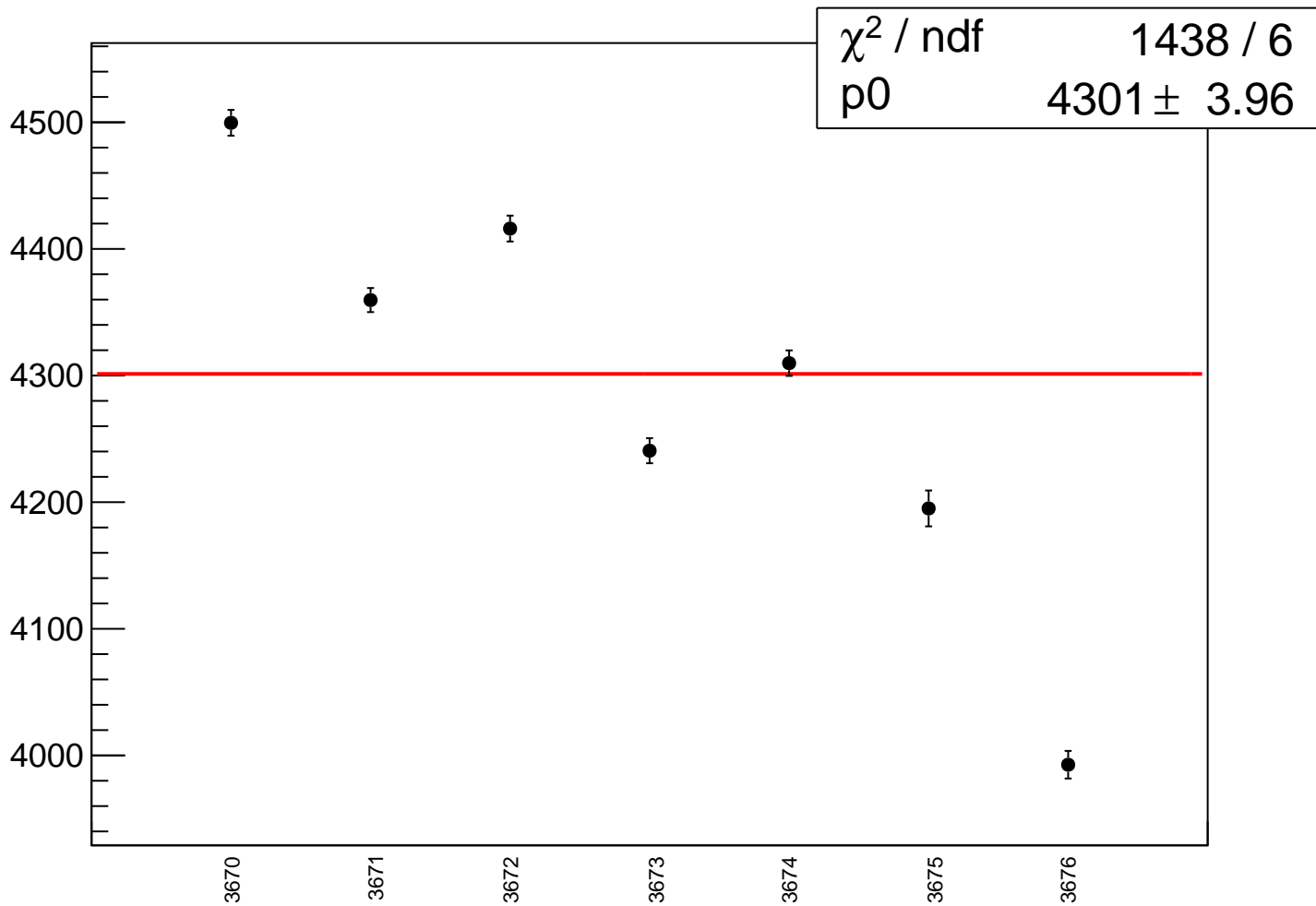
cor_sam7_rms vs run



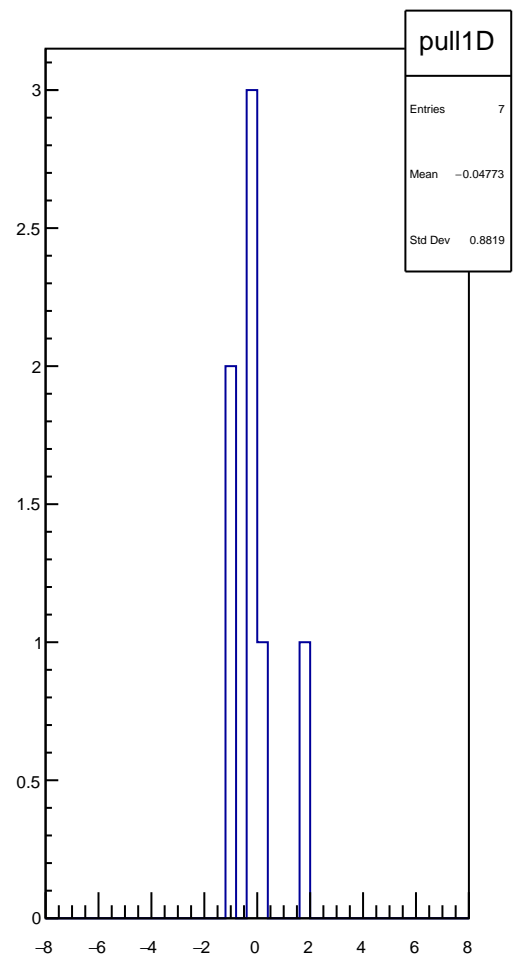
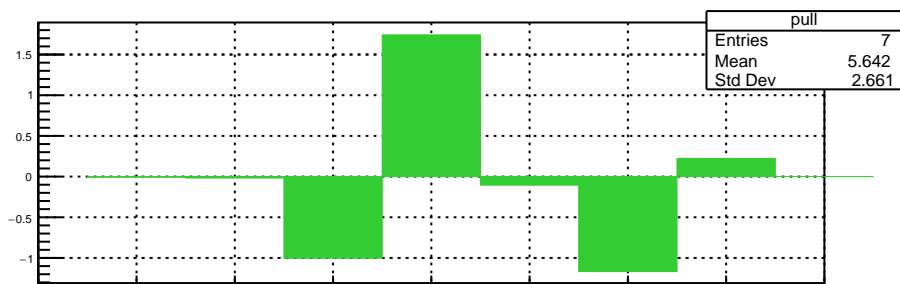
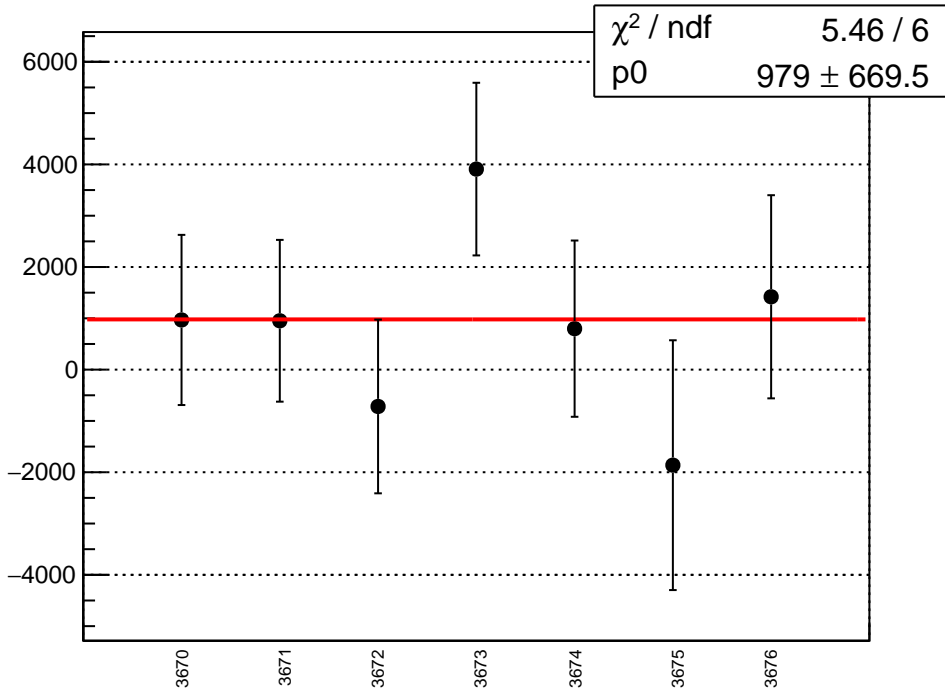
cor_sam8_mean vs run



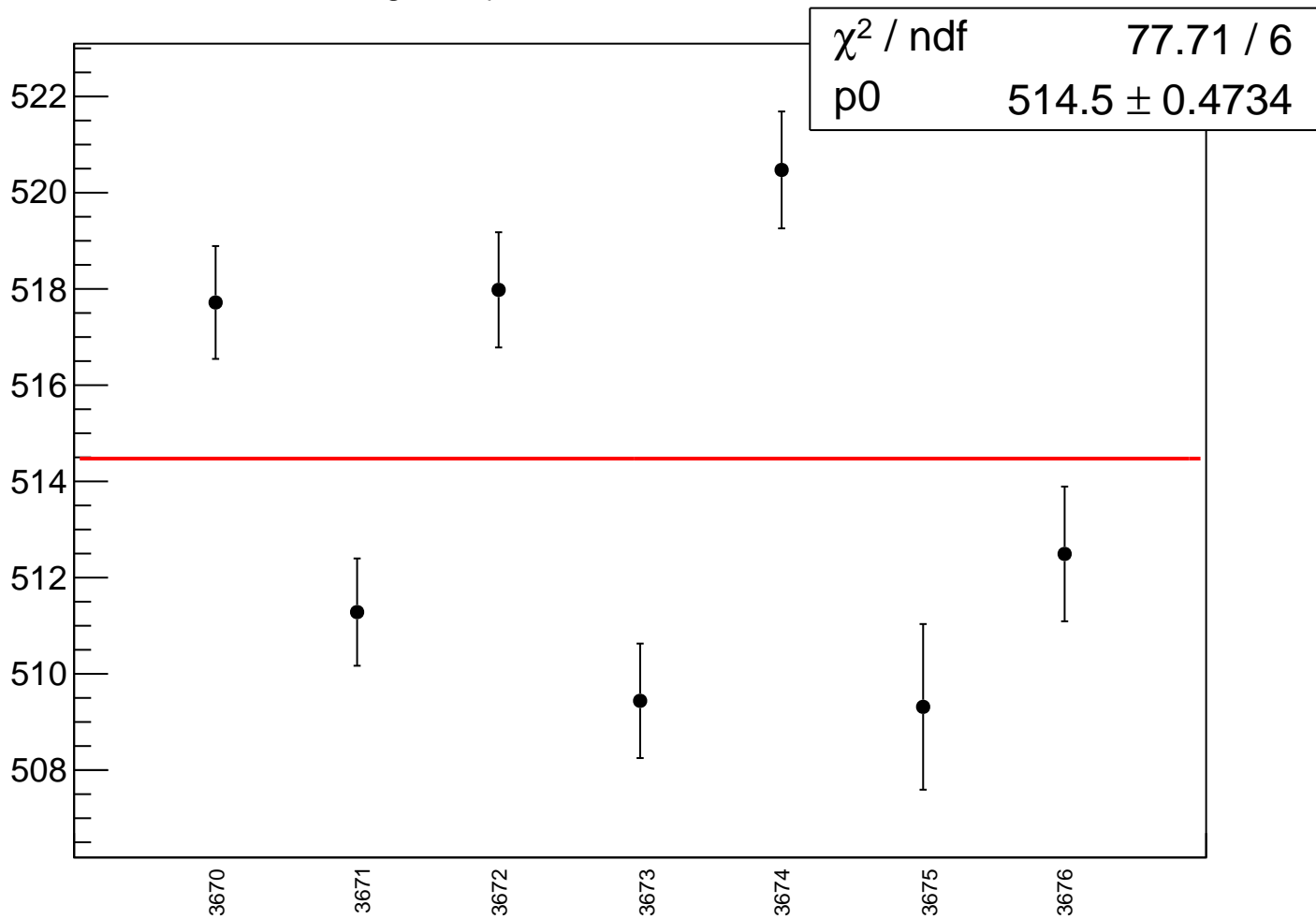
cor_sam8_rms vs run



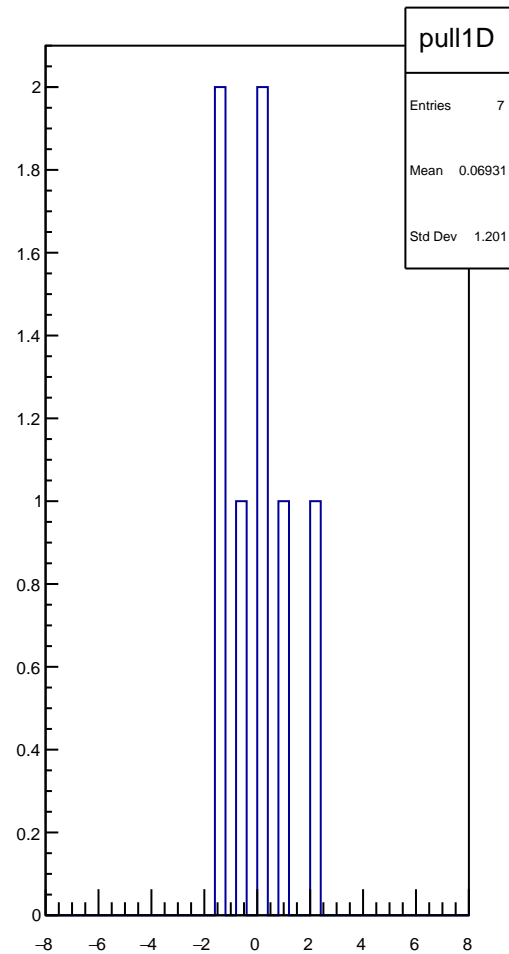
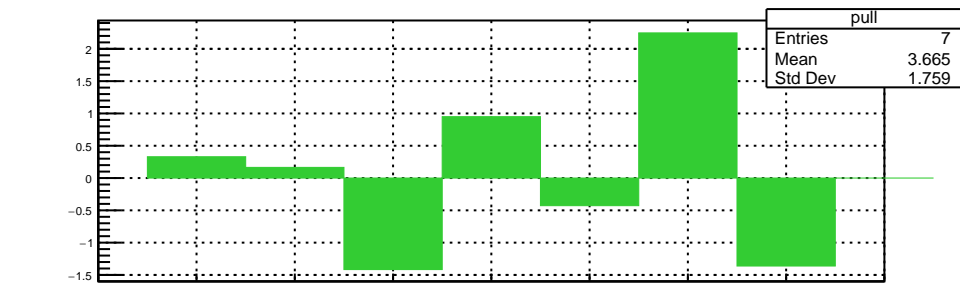
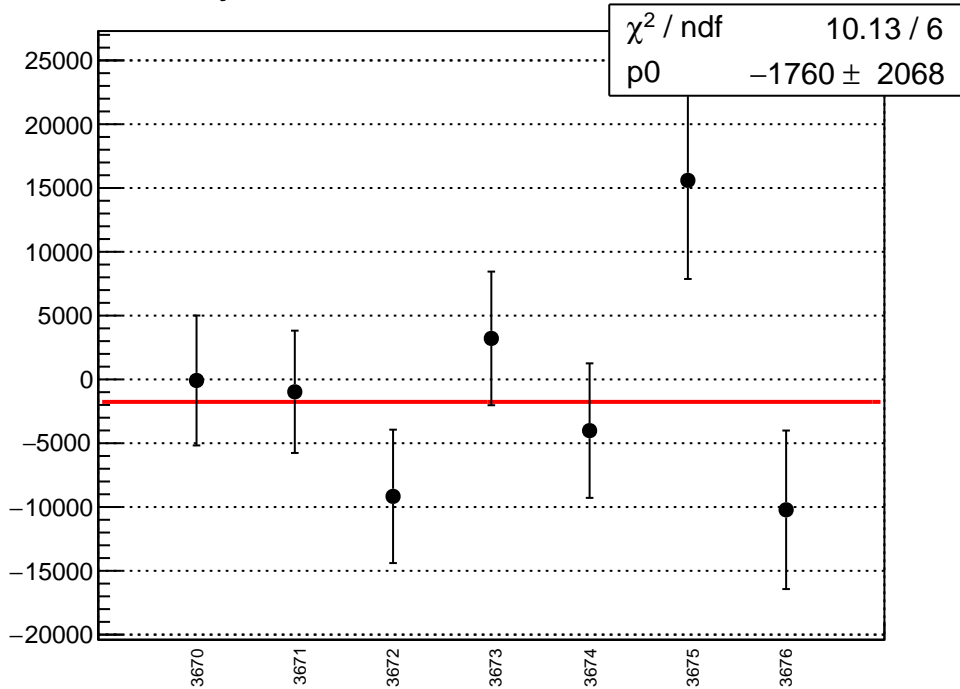
reg_asym_sam1_mean vs run



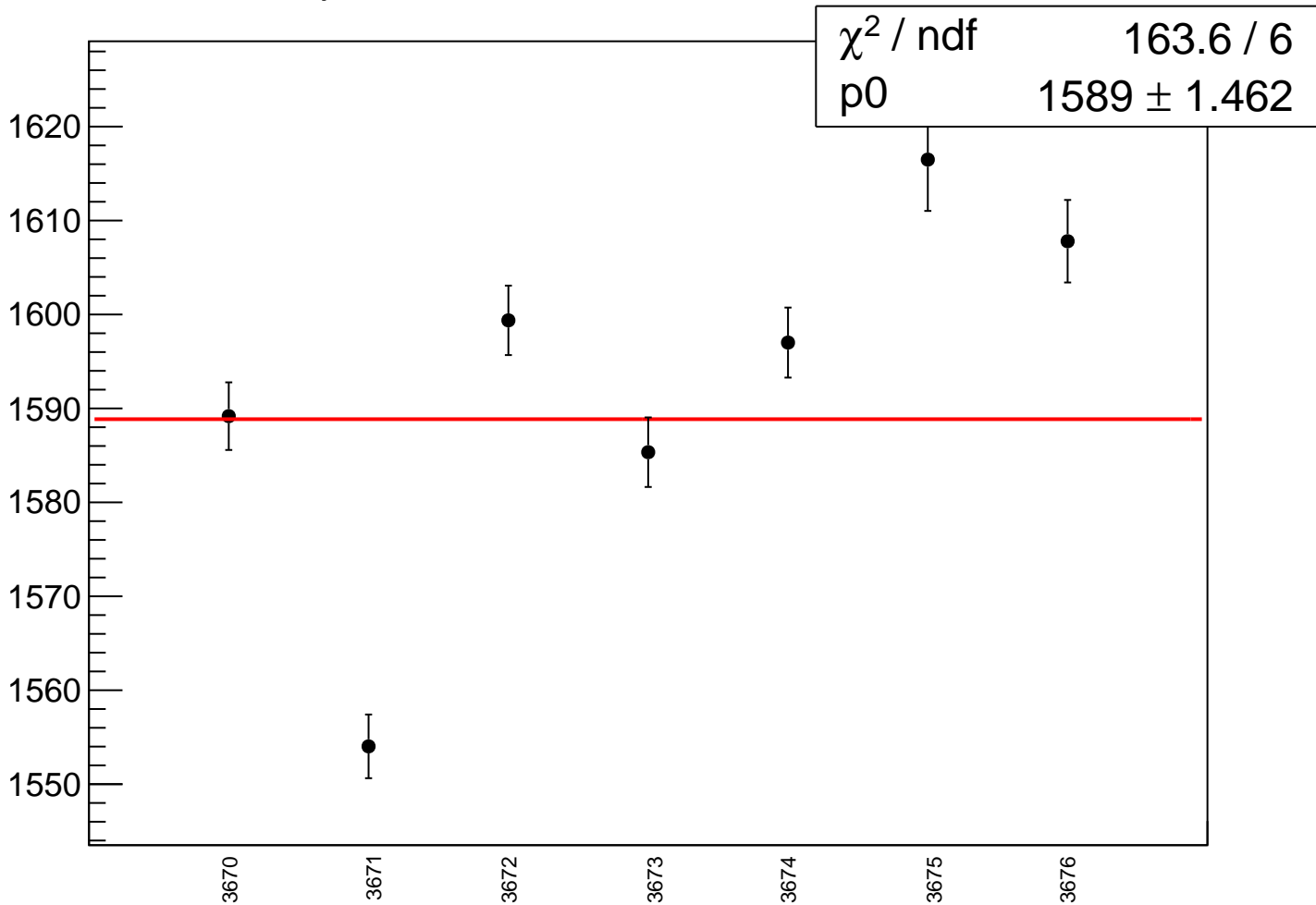
reg_asym_sam1_rms vs run



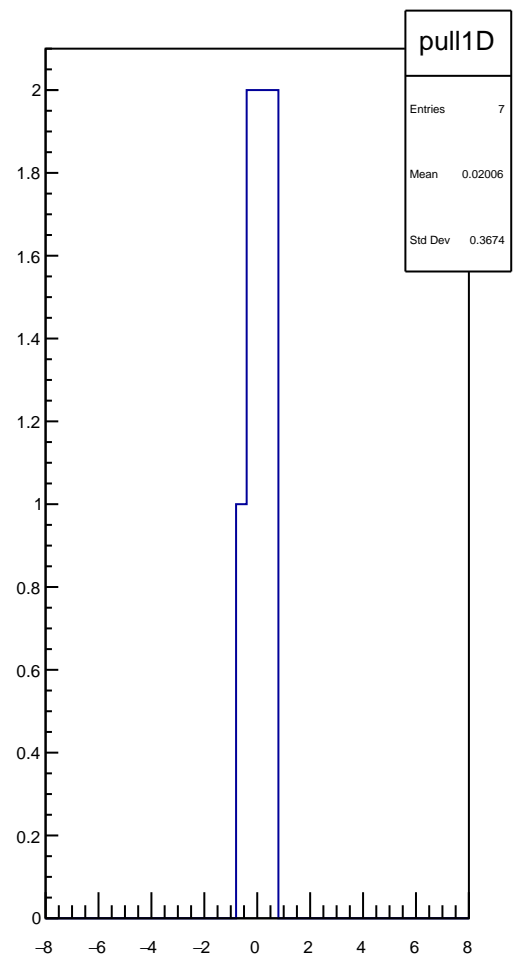
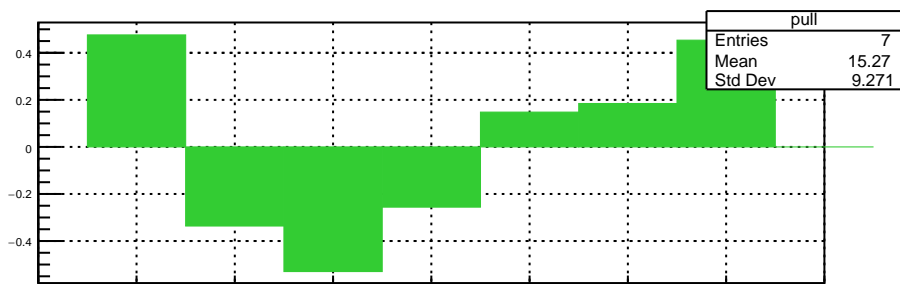
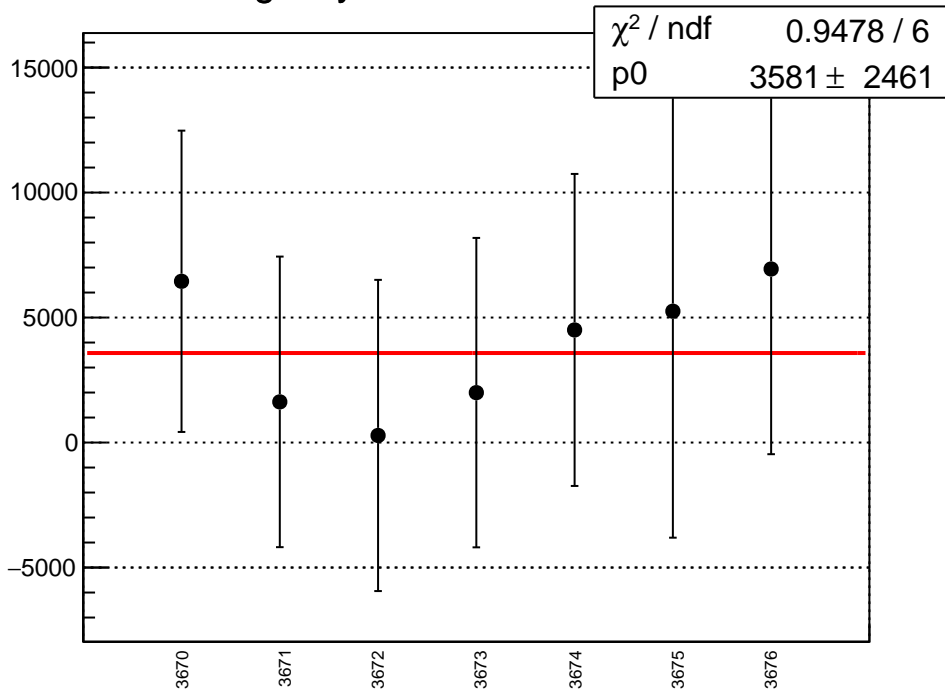
asym_sam1_correction_mean vs run



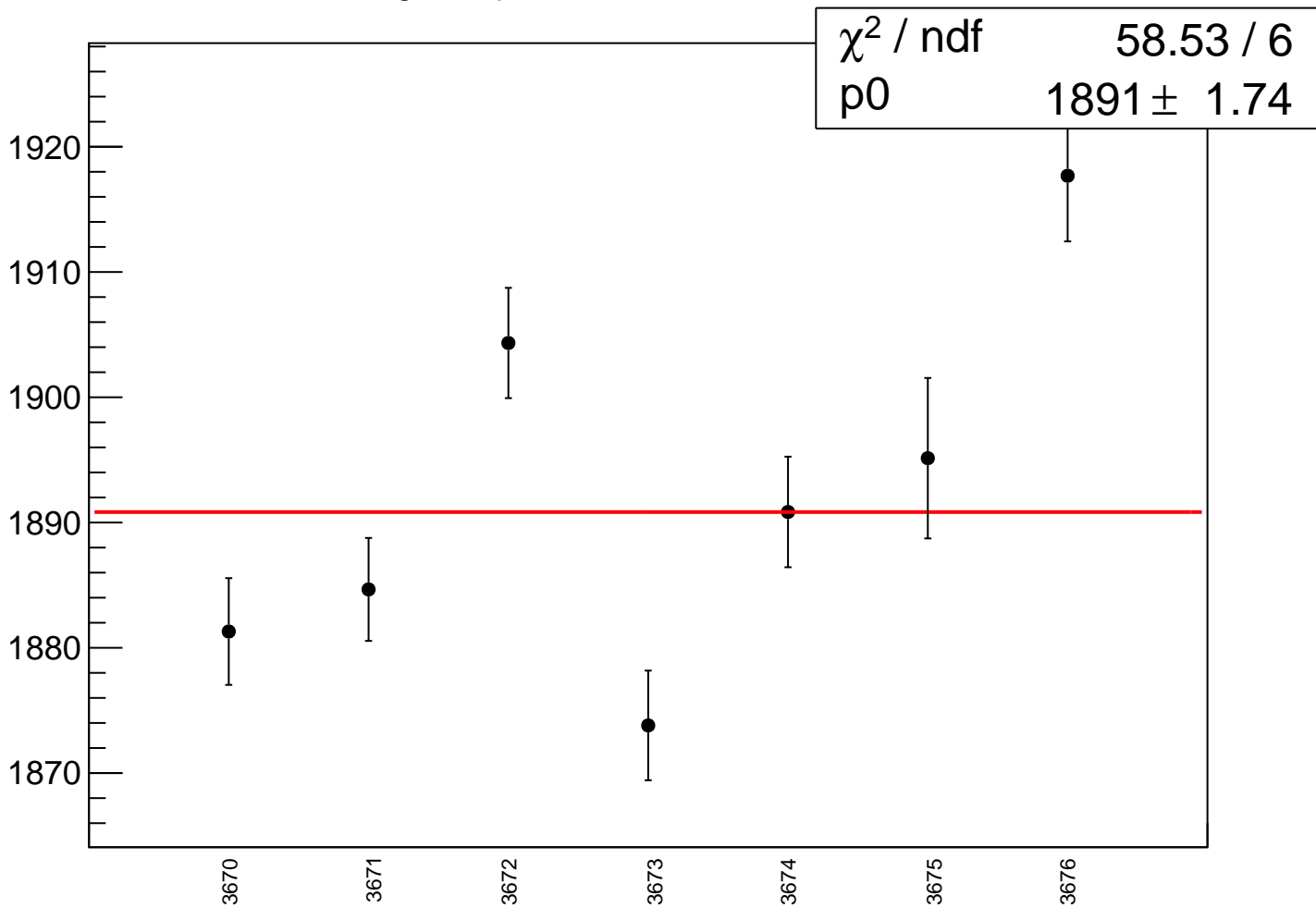
asym_sam1_correction_rms vs run



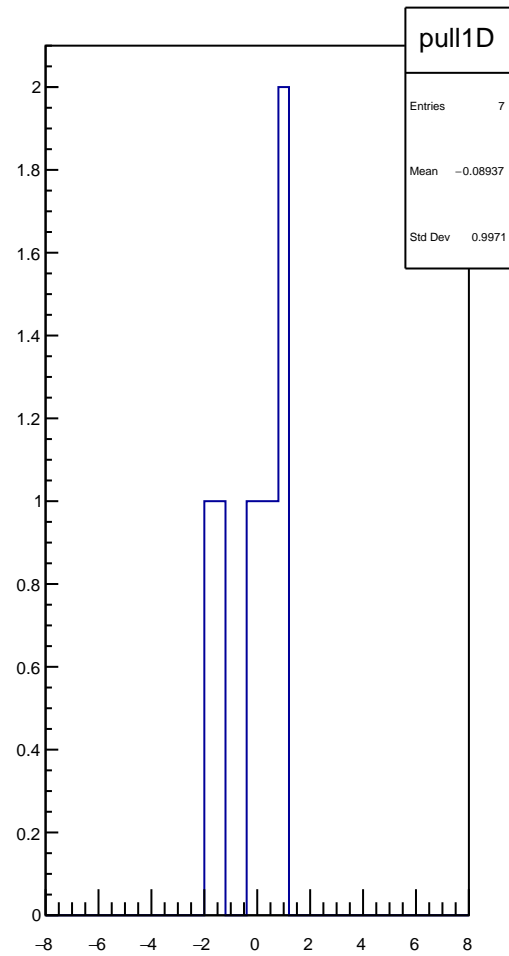
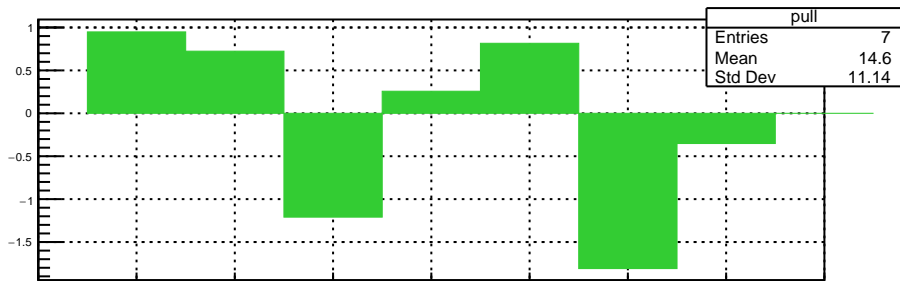
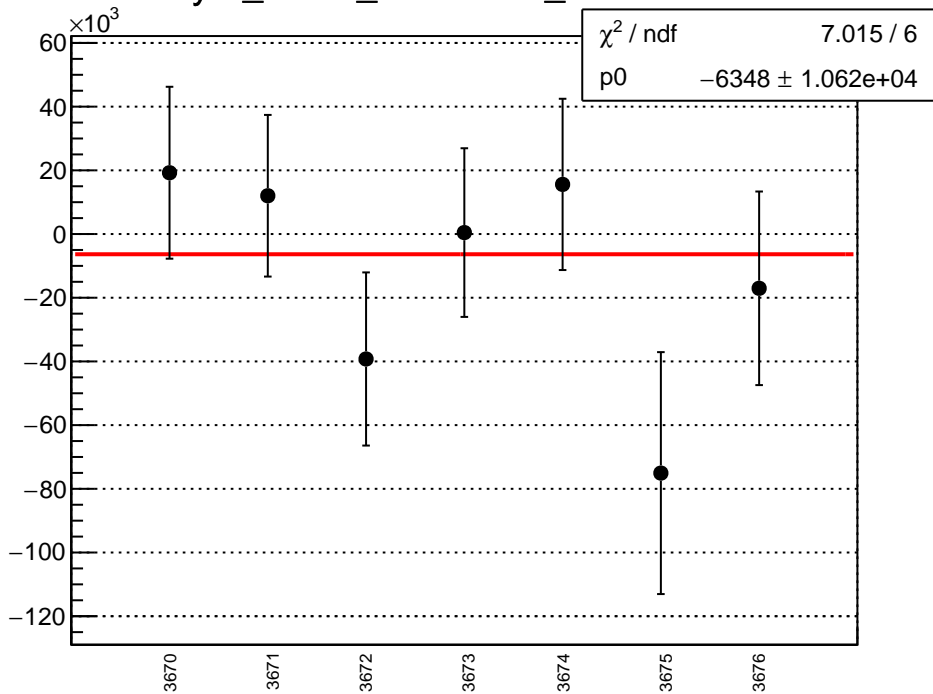
reg_asym_sam2_mean vs run



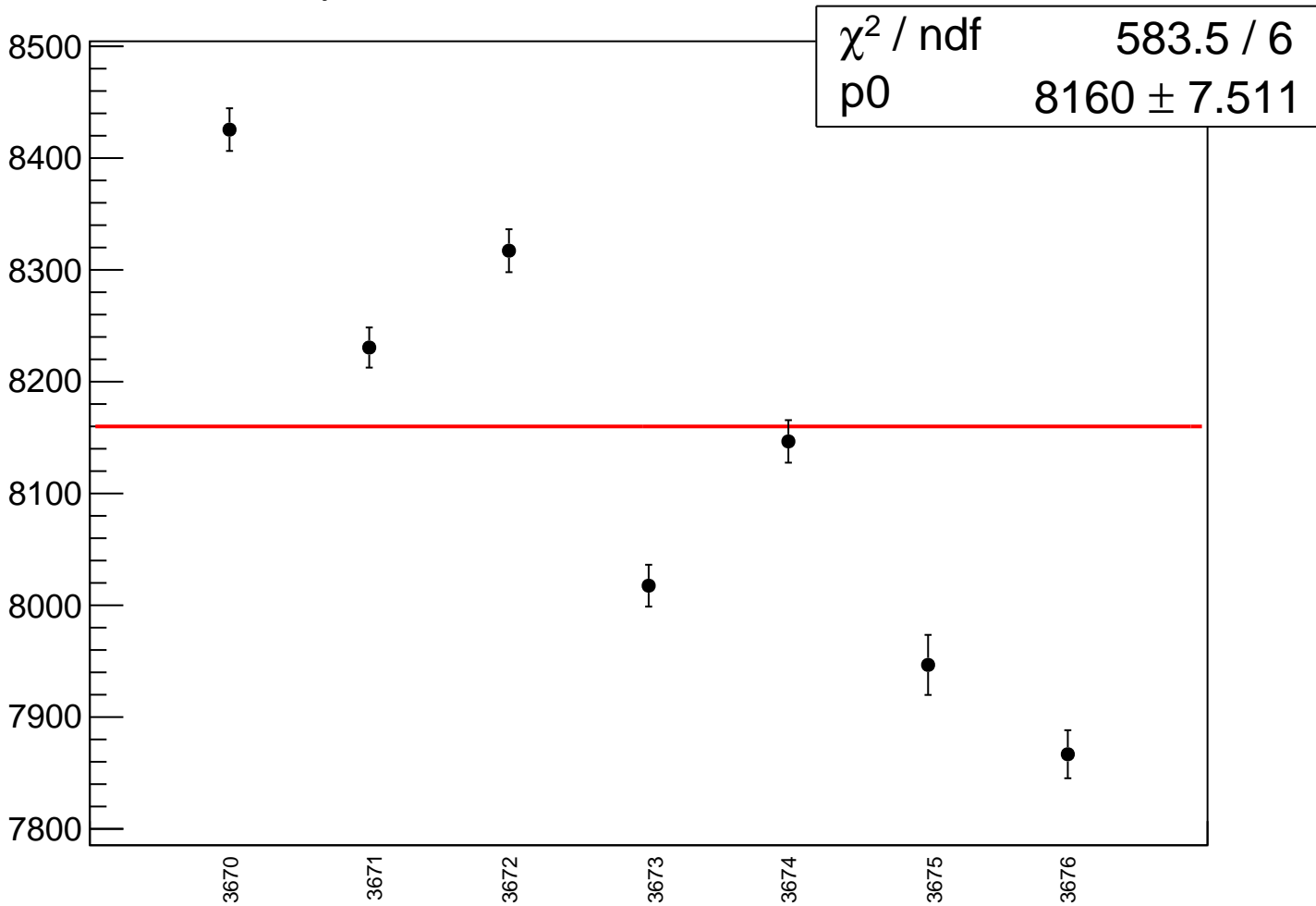
reg_asym_sam2_rms vs run



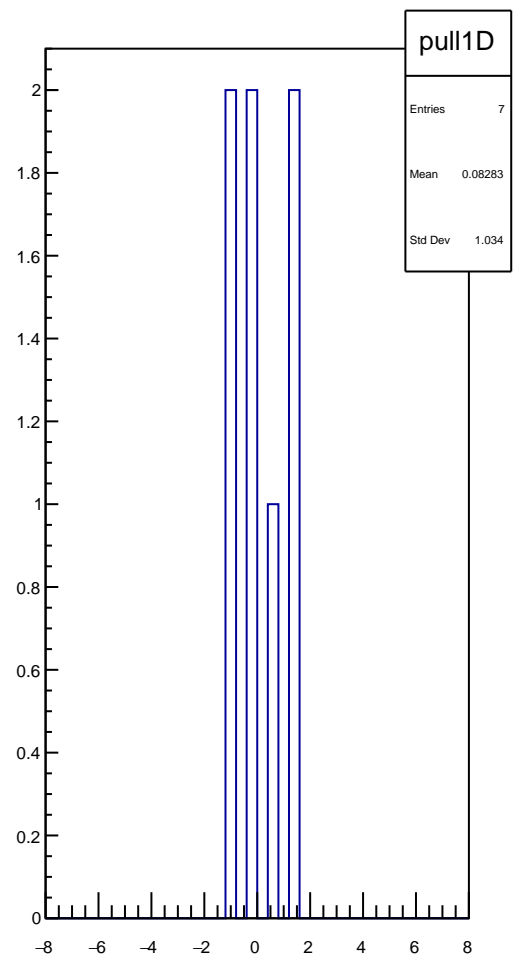
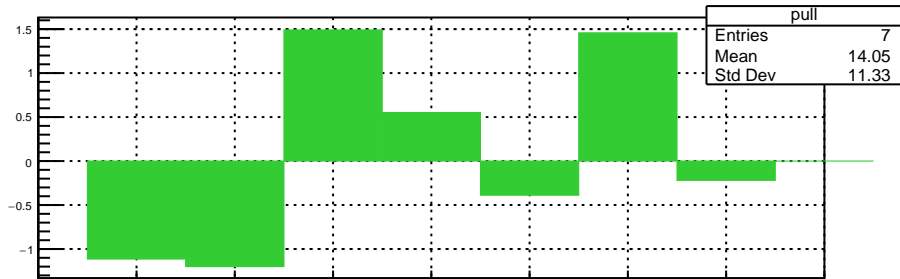
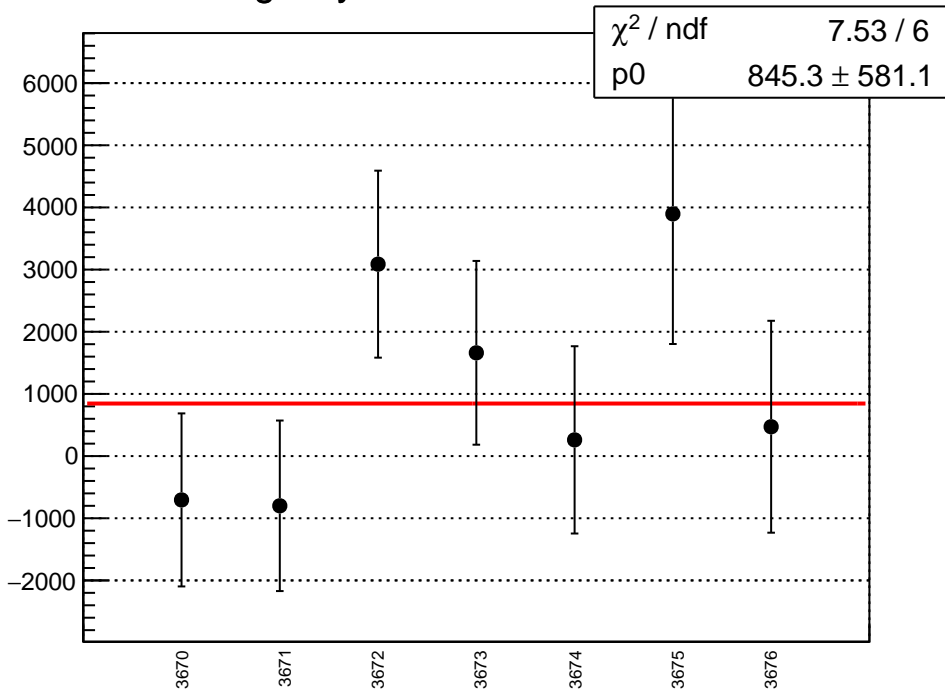
asym_sam2_correction_vs run



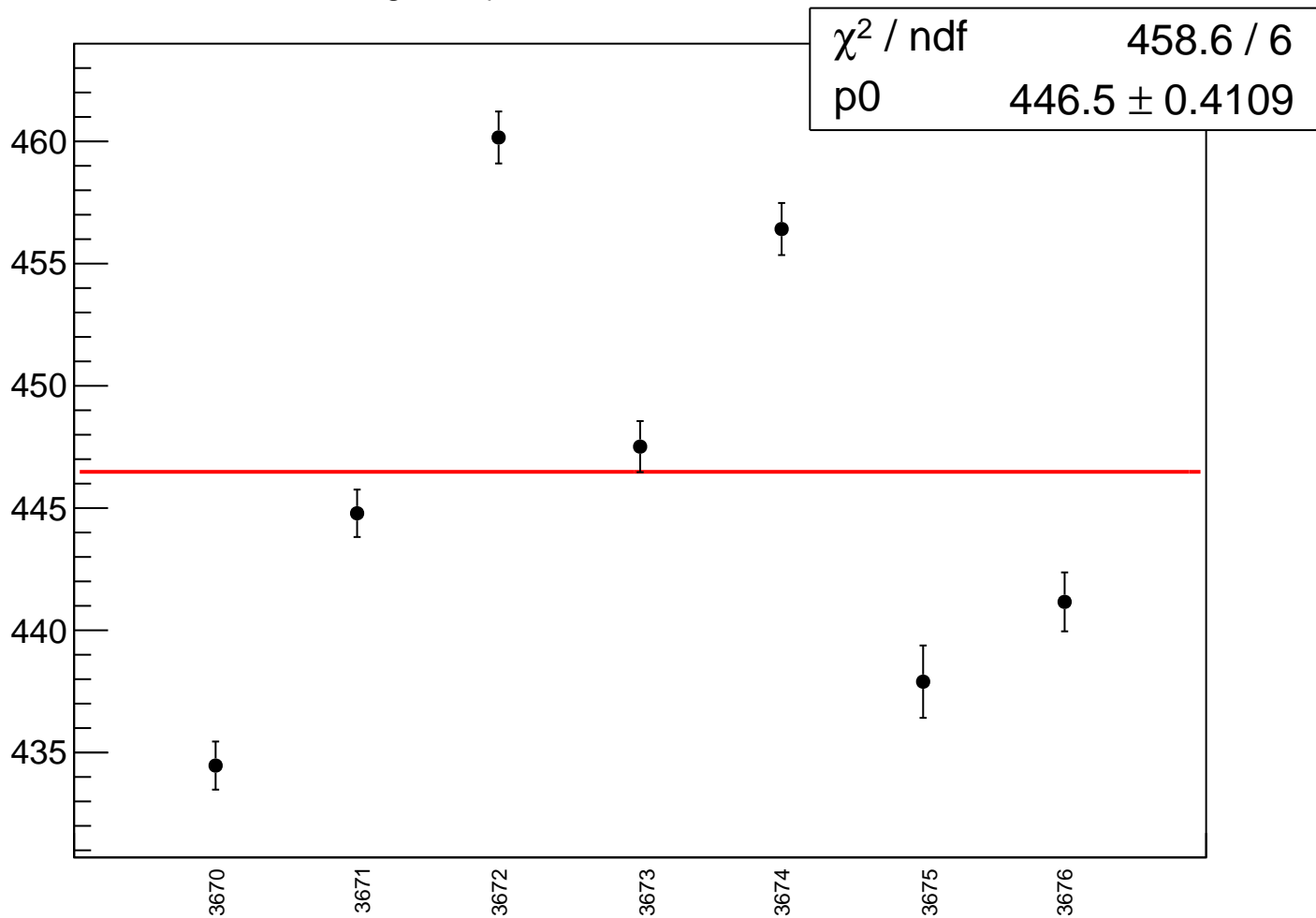
asym_sam2_correction_rms vs run



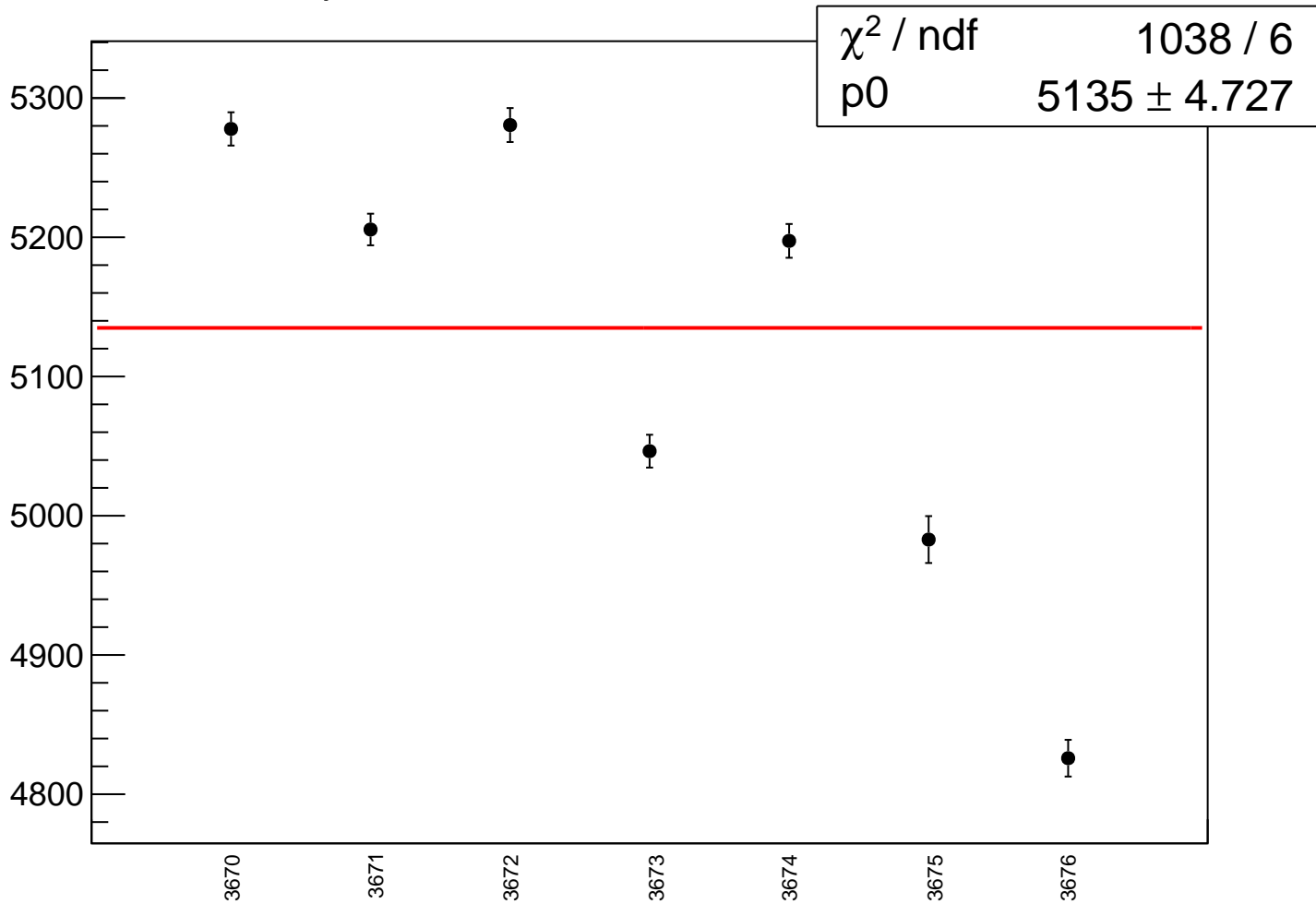
reg_asym_sam3_mean vs run



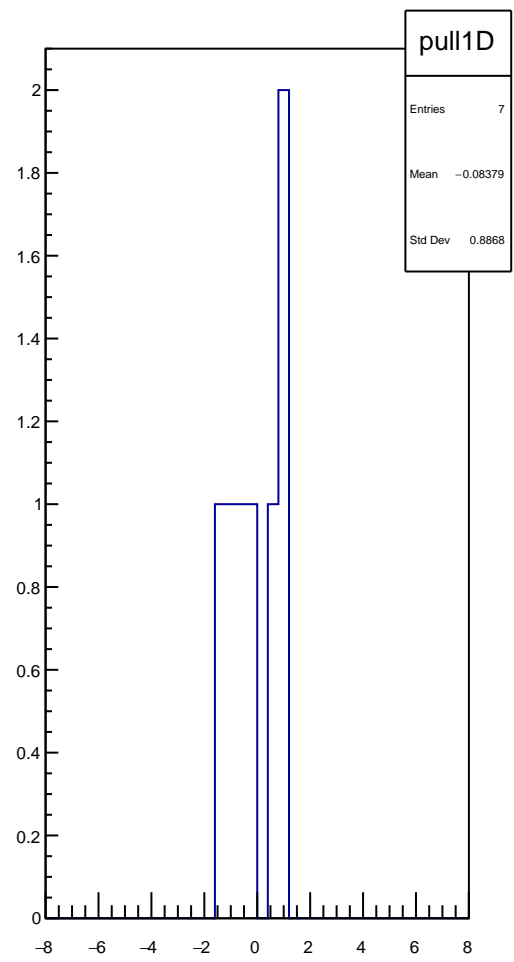
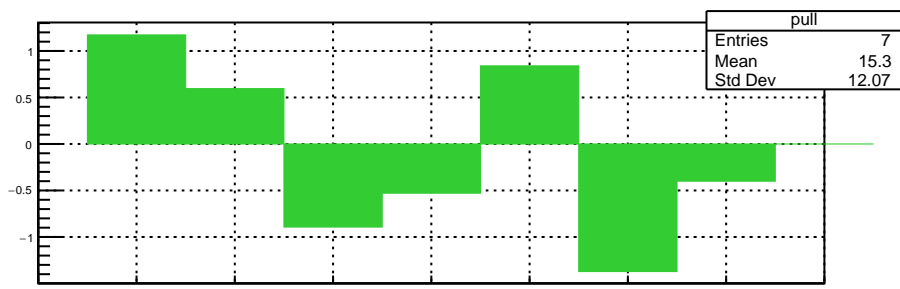
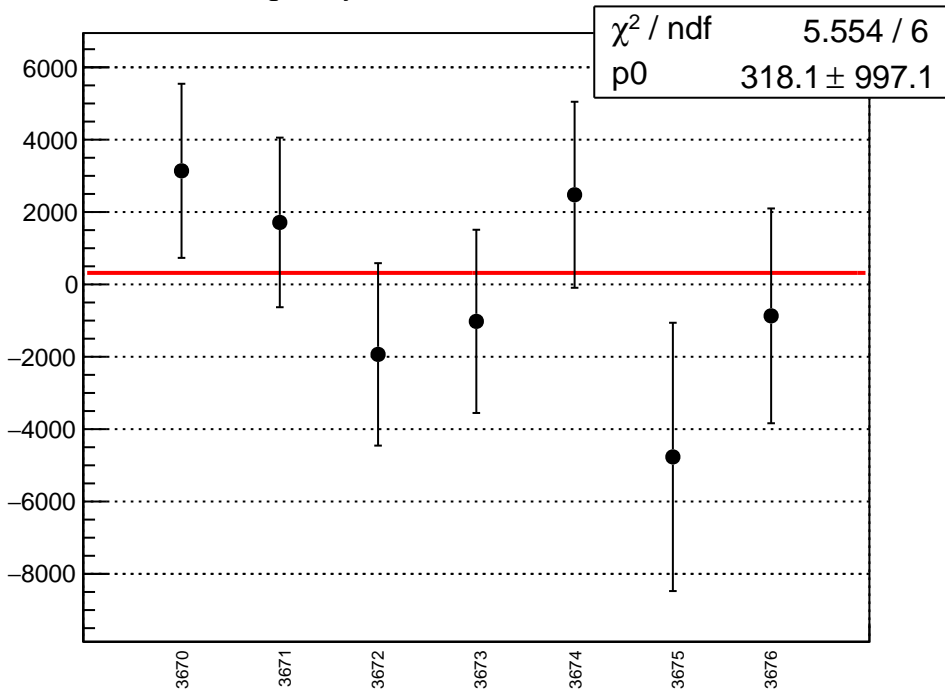
reg_asym_sam3_rms vs run



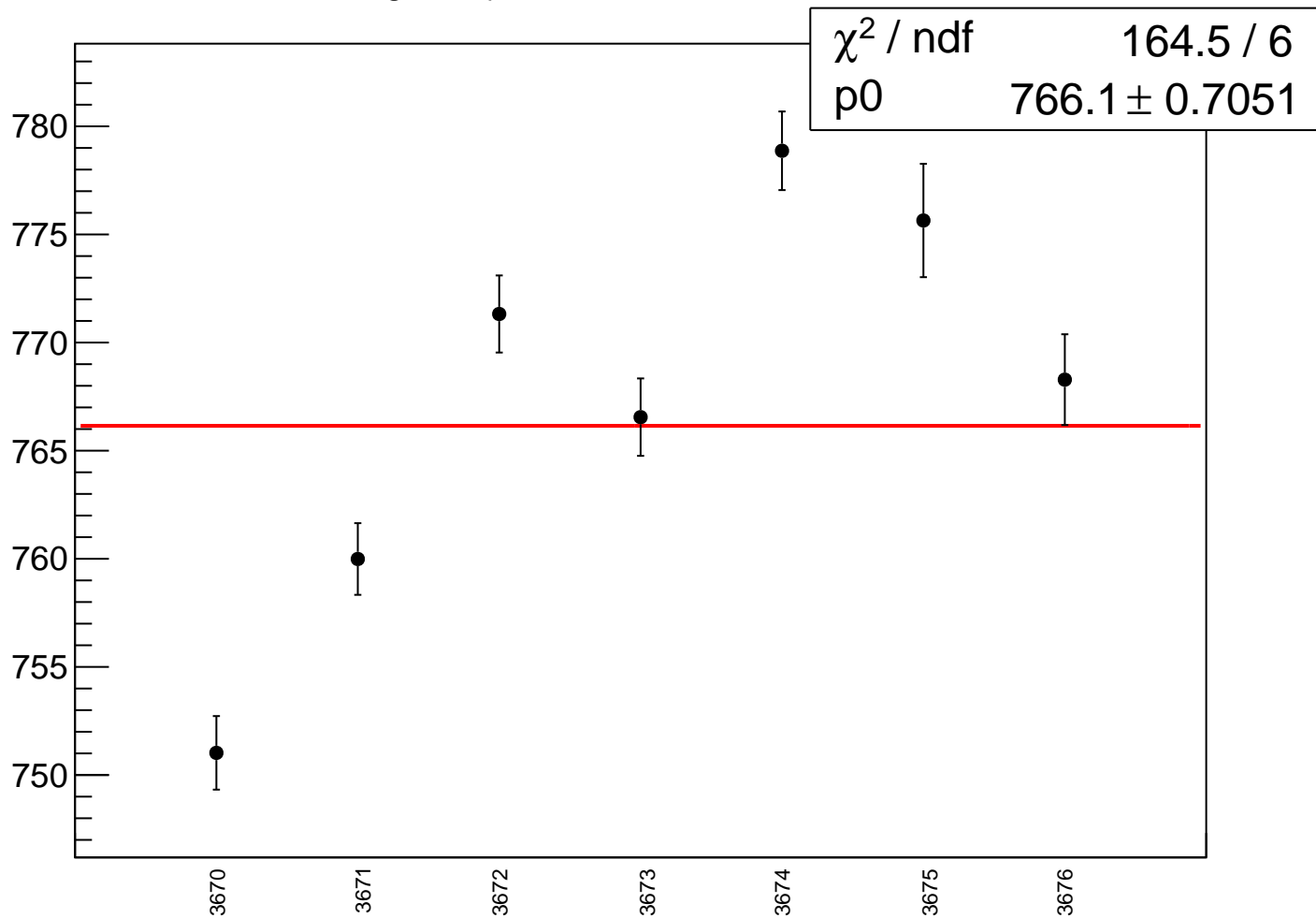
asym_sam3_correction_rms vs run



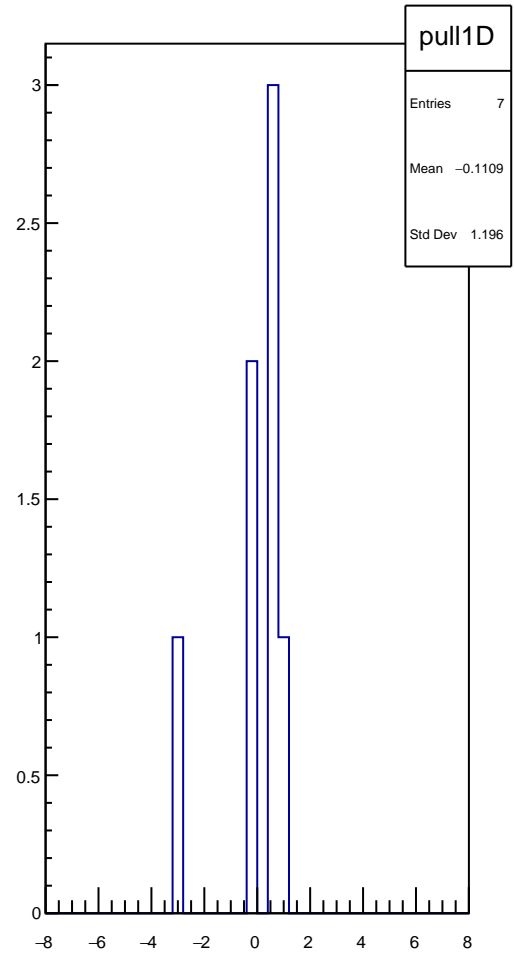
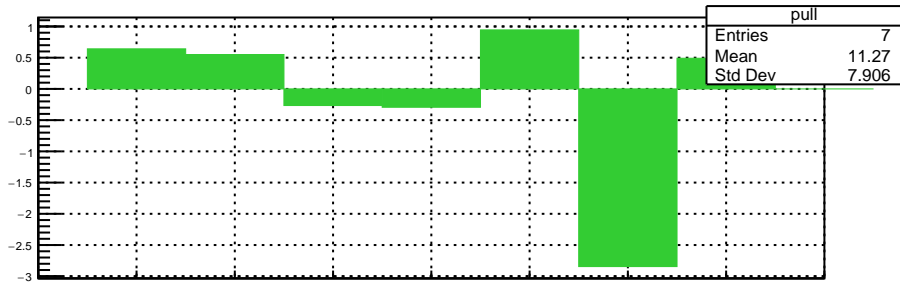
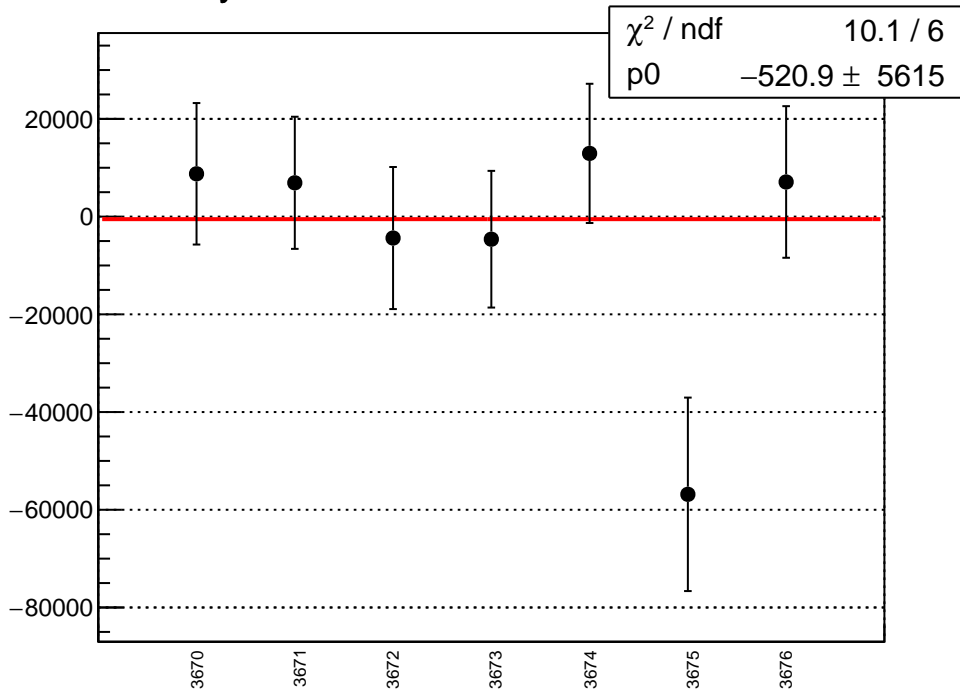
reg_asym_sam4_mean vs run



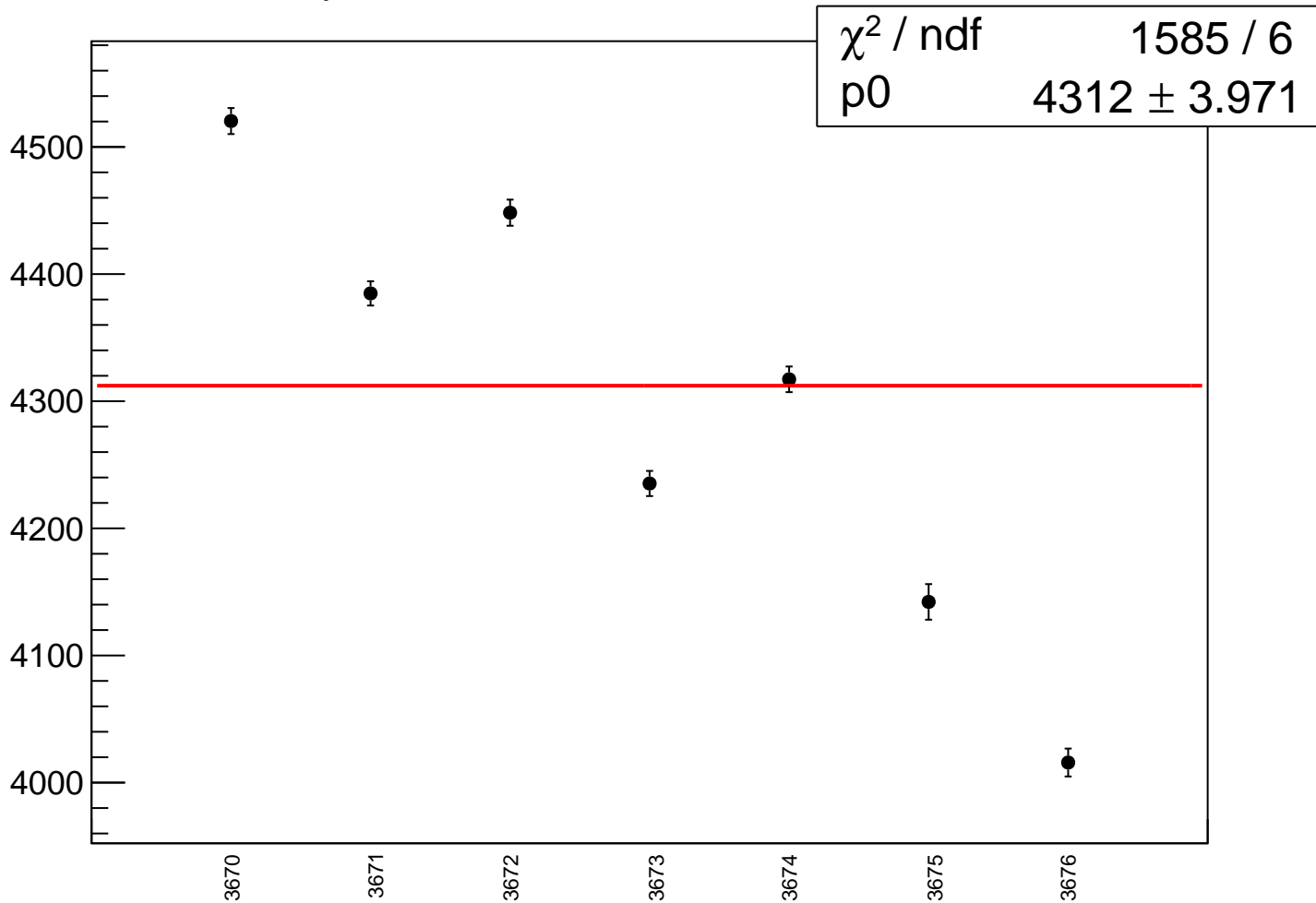
reg_asym_sam4_rms vs run



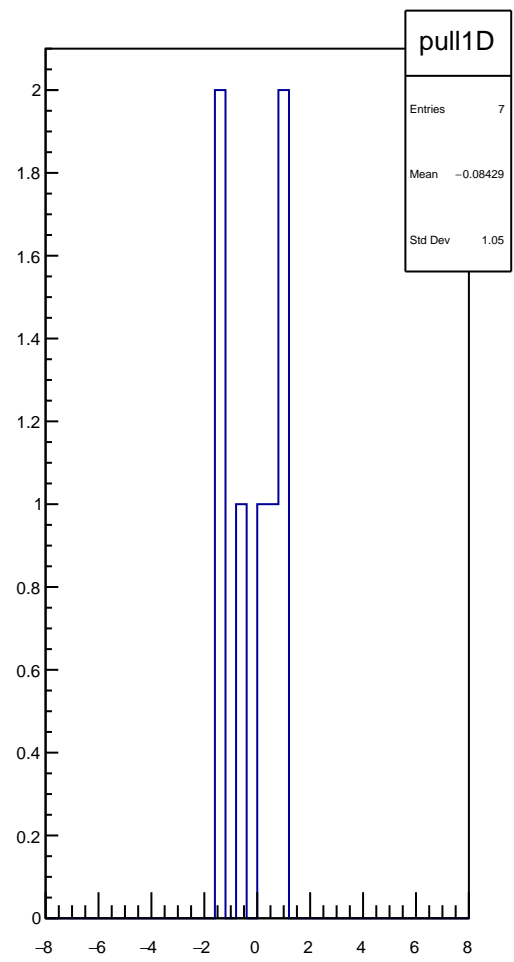
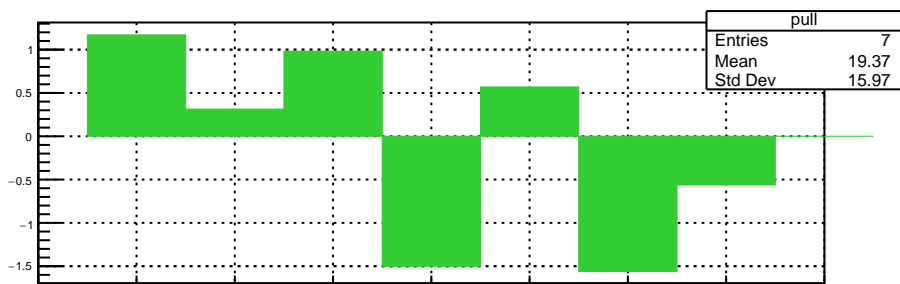
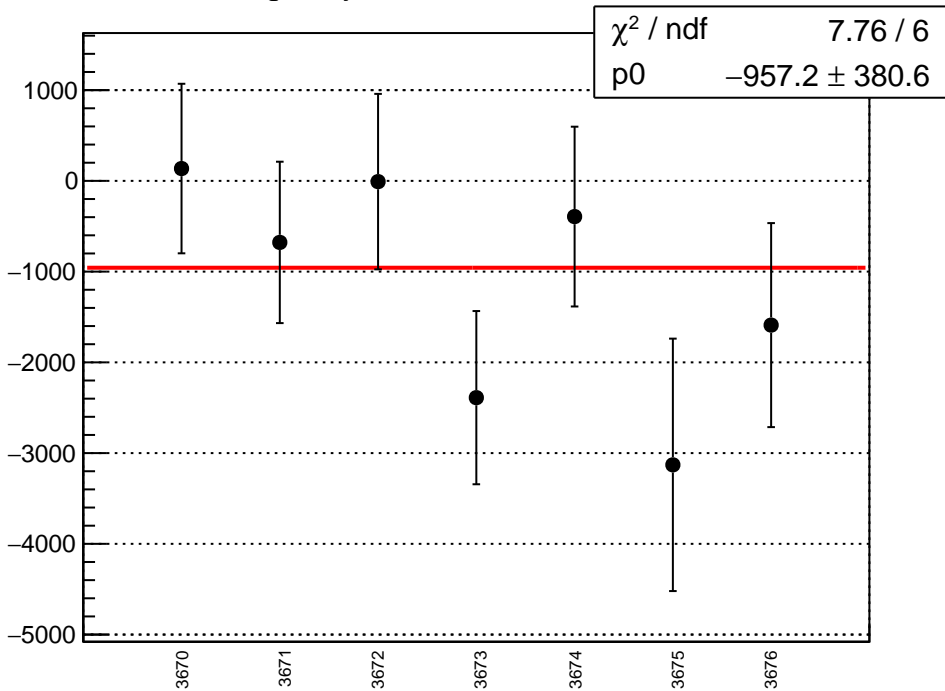
asym_sam4_correction_mean vs run



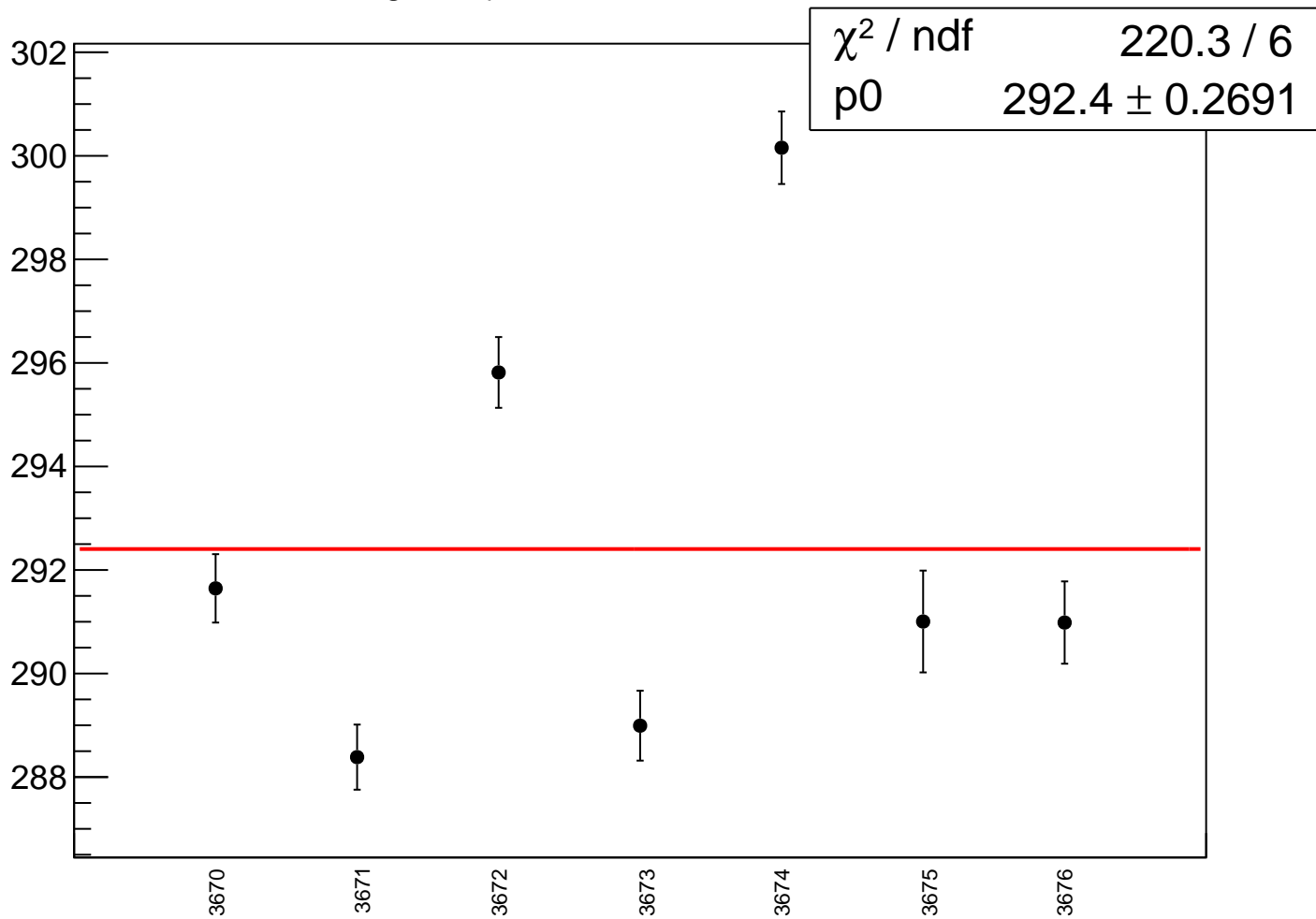
asym_sam4_correction_rms vs run



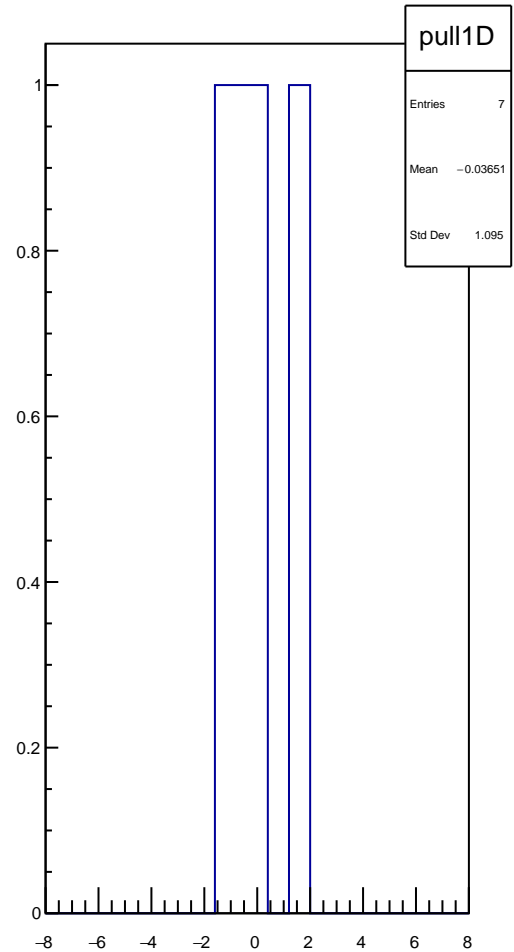
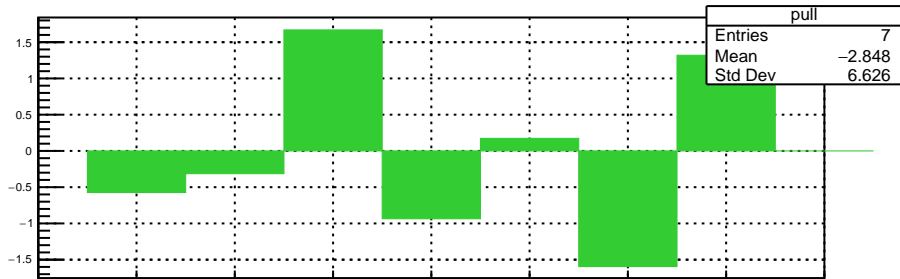
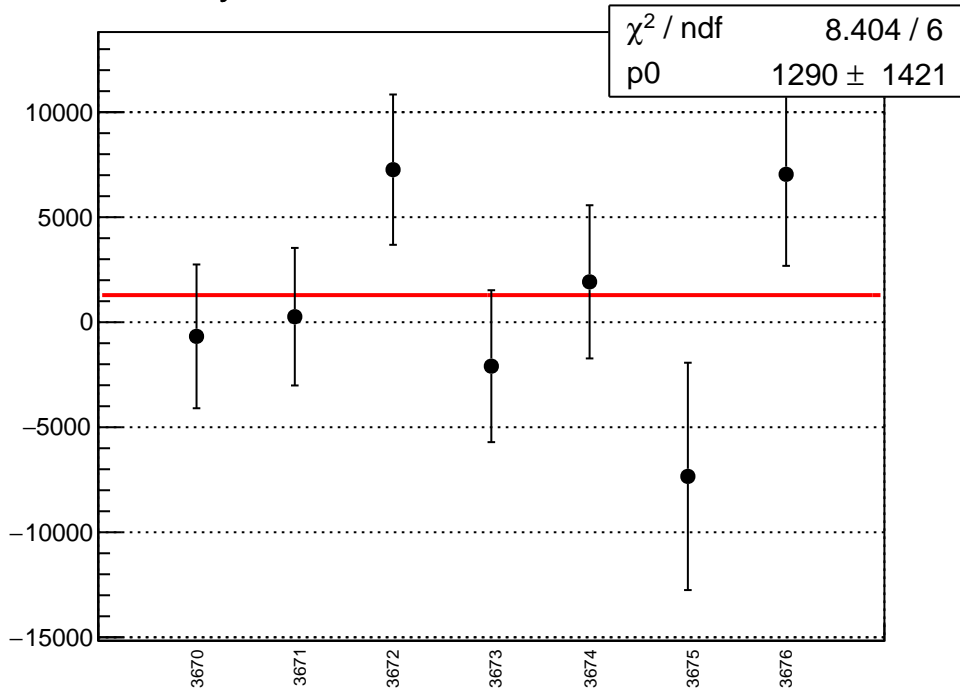
reg_asym_sam5_mean vs run



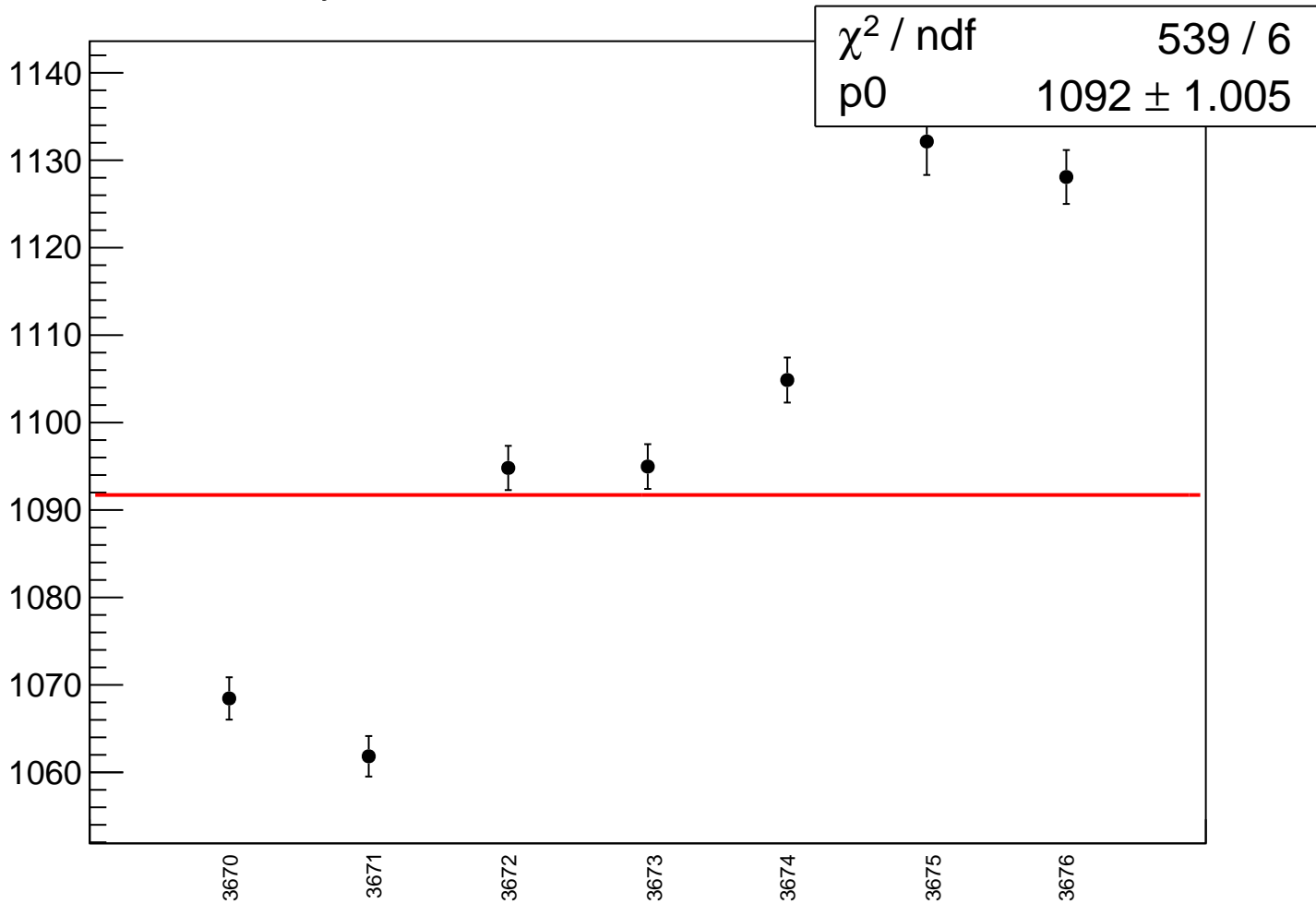
reg_asym_sam5_rms vs run



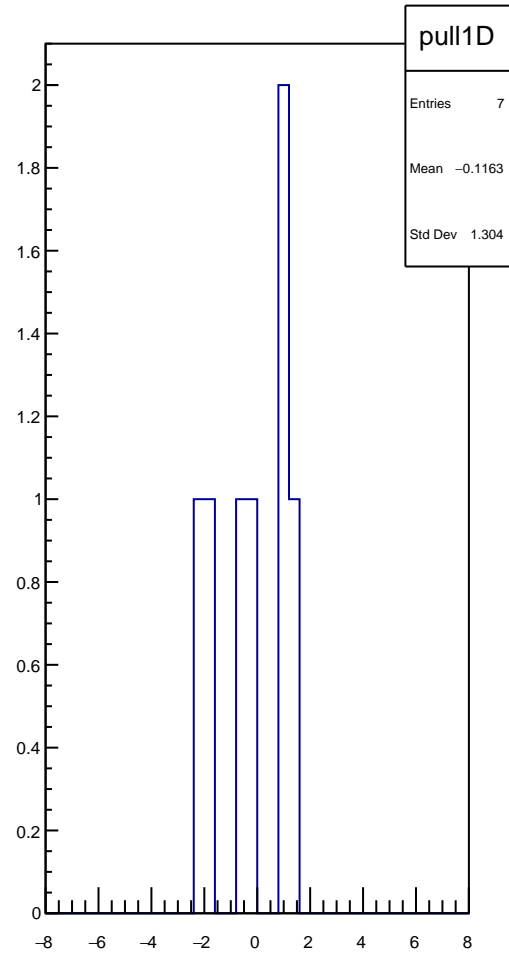
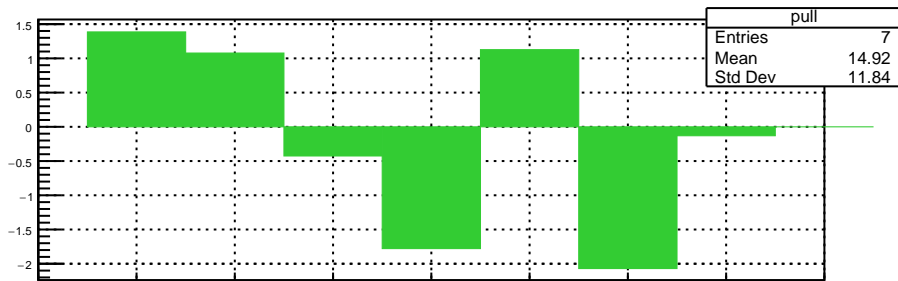
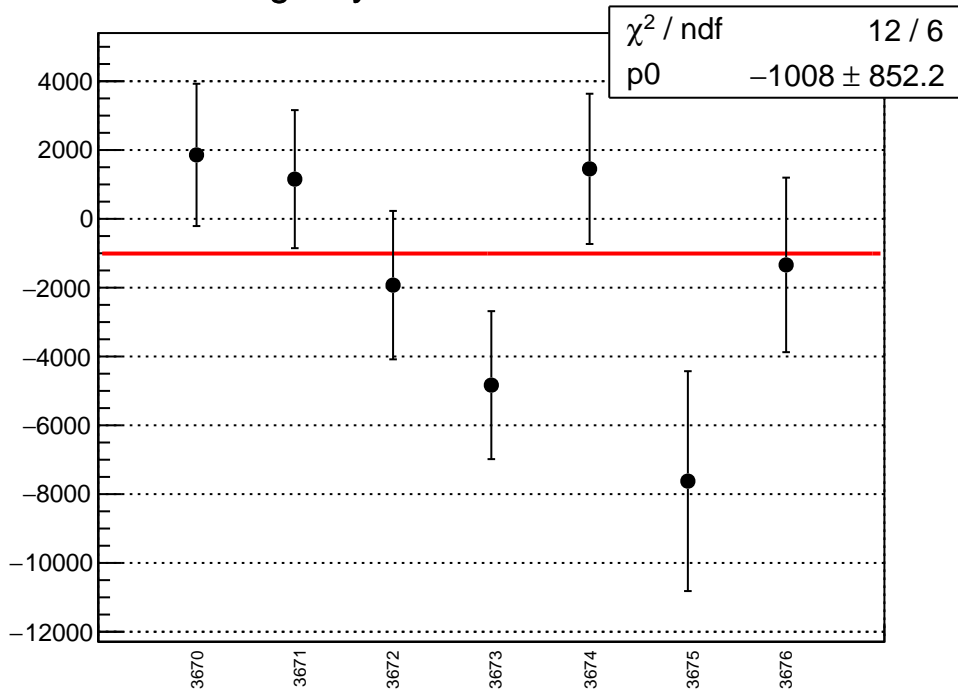
asym_sam5_correction_mean vs run



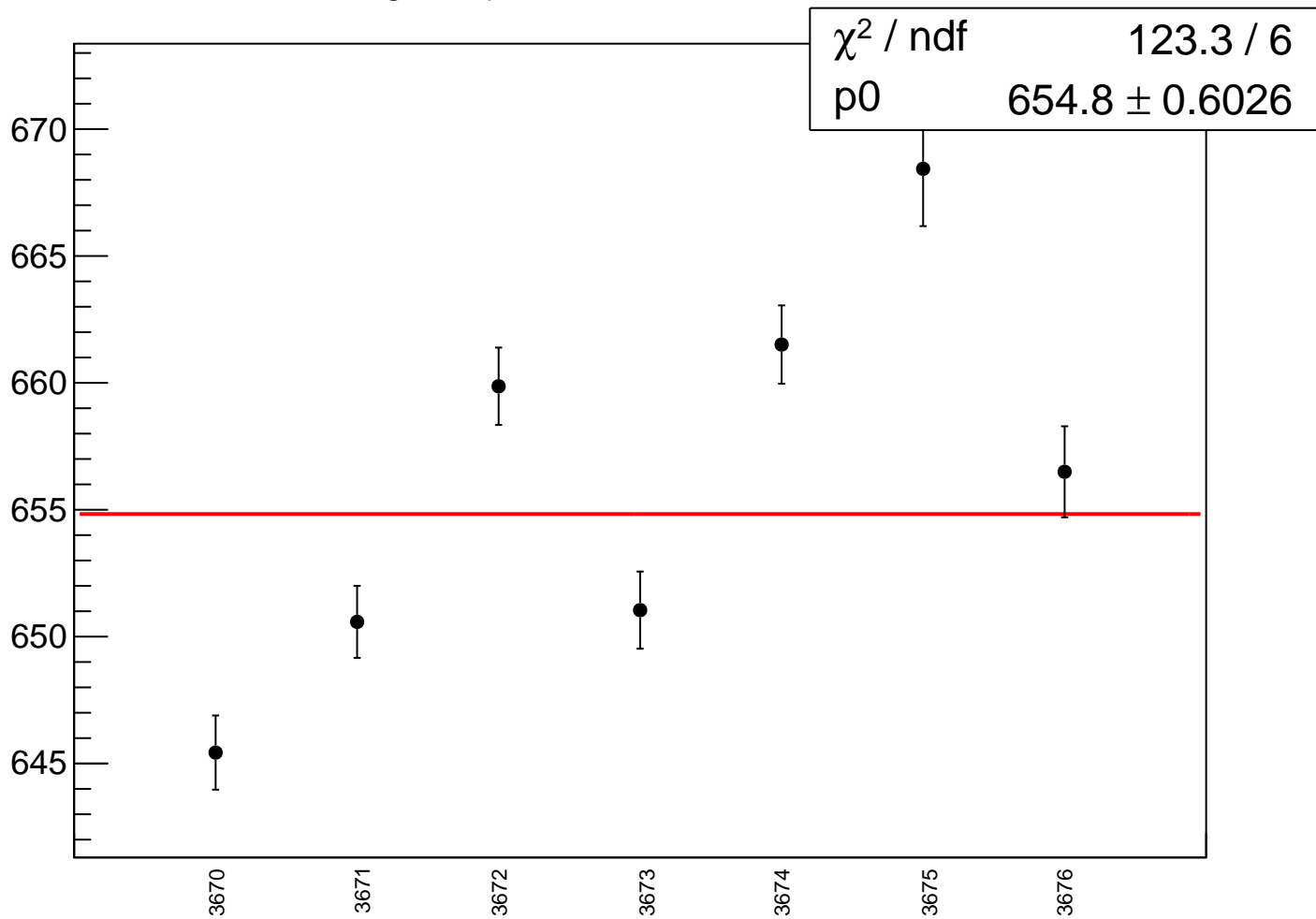
asym_sam5_correction_rms vs run



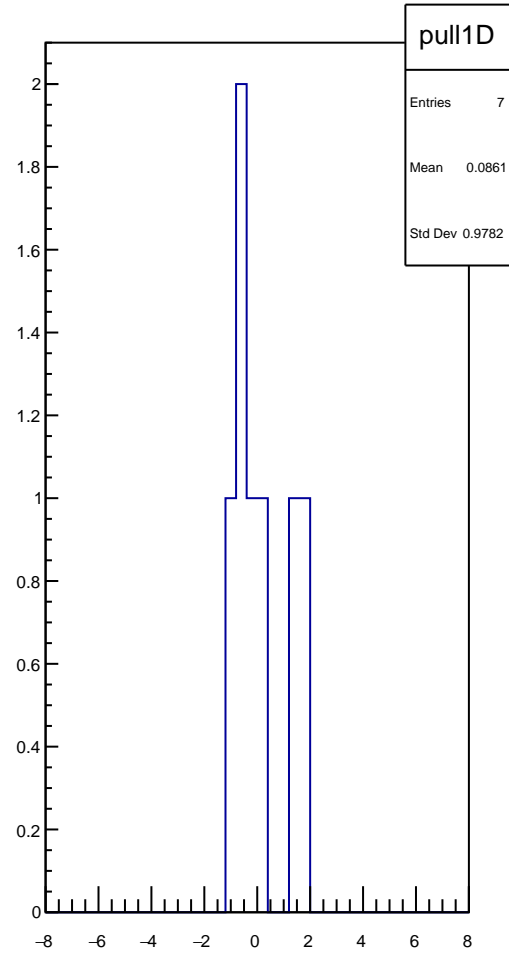
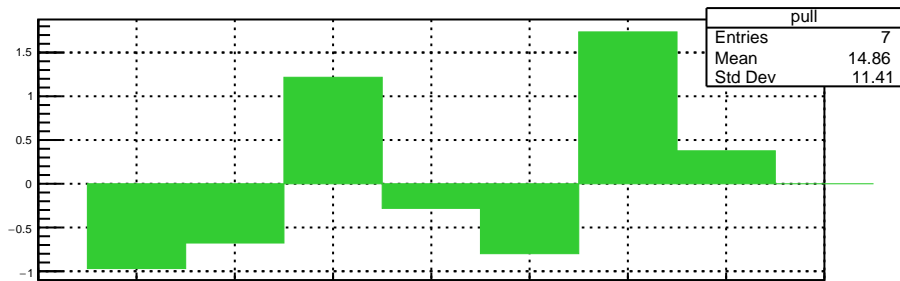
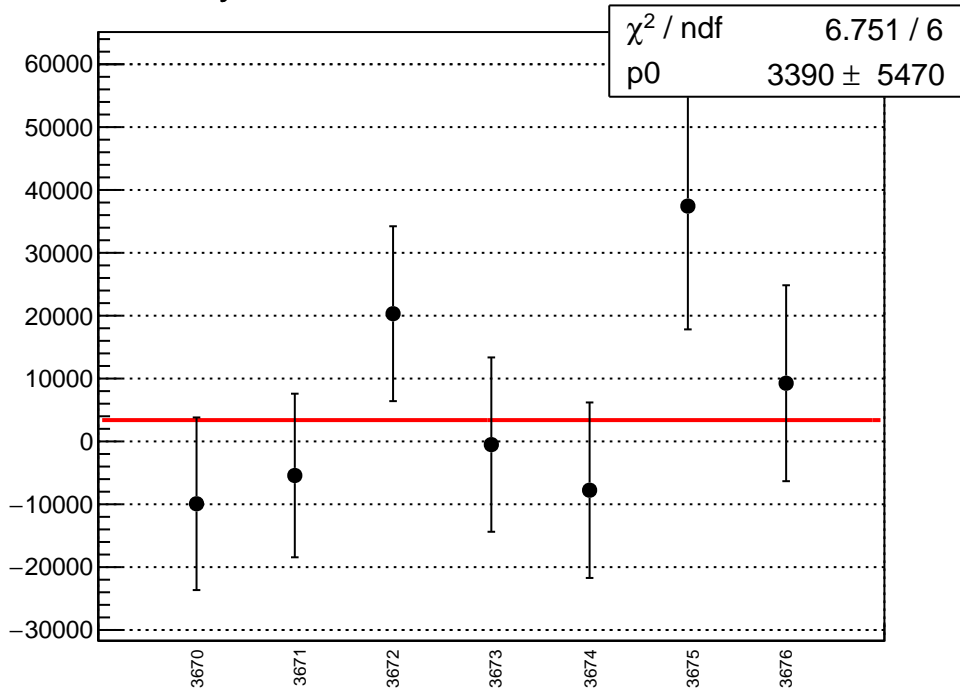
reg_asym_sam6_mean vs run



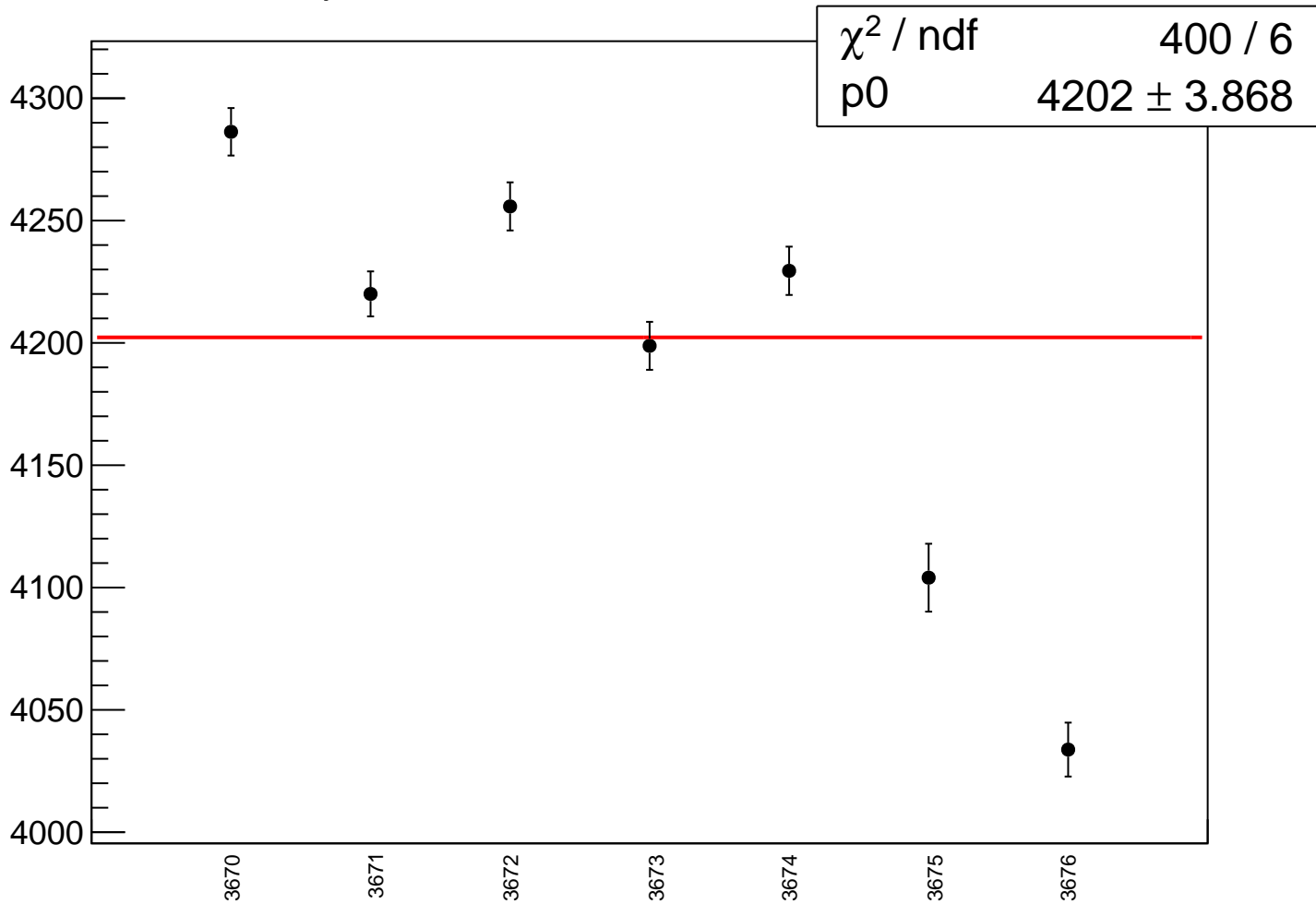
reg_asym_sam6_rms vs run



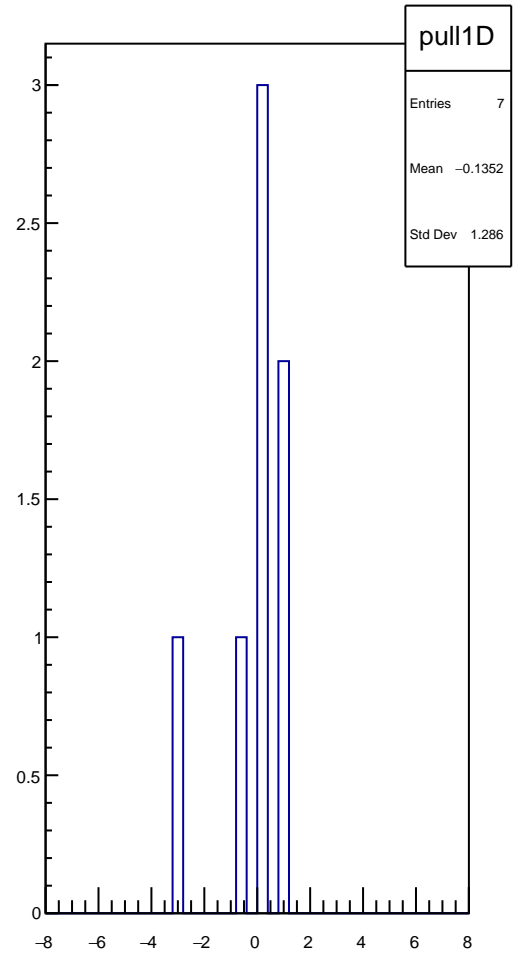
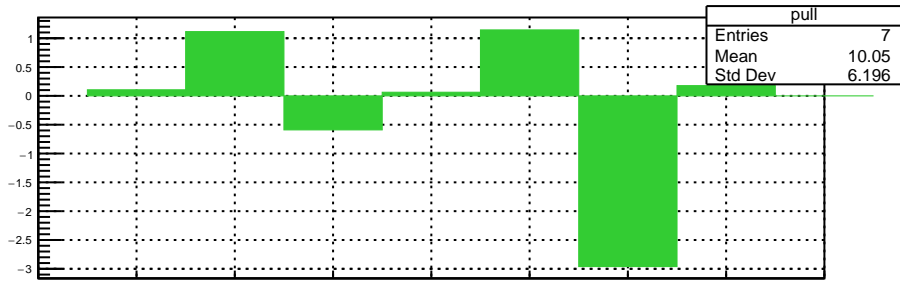
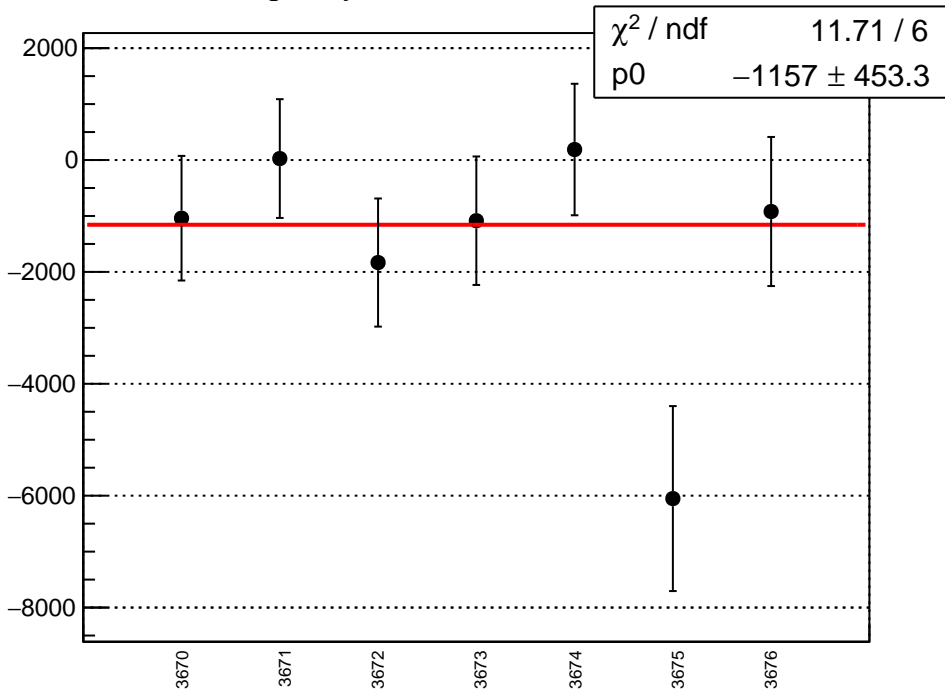
asym_sam6_correction_mean vs run



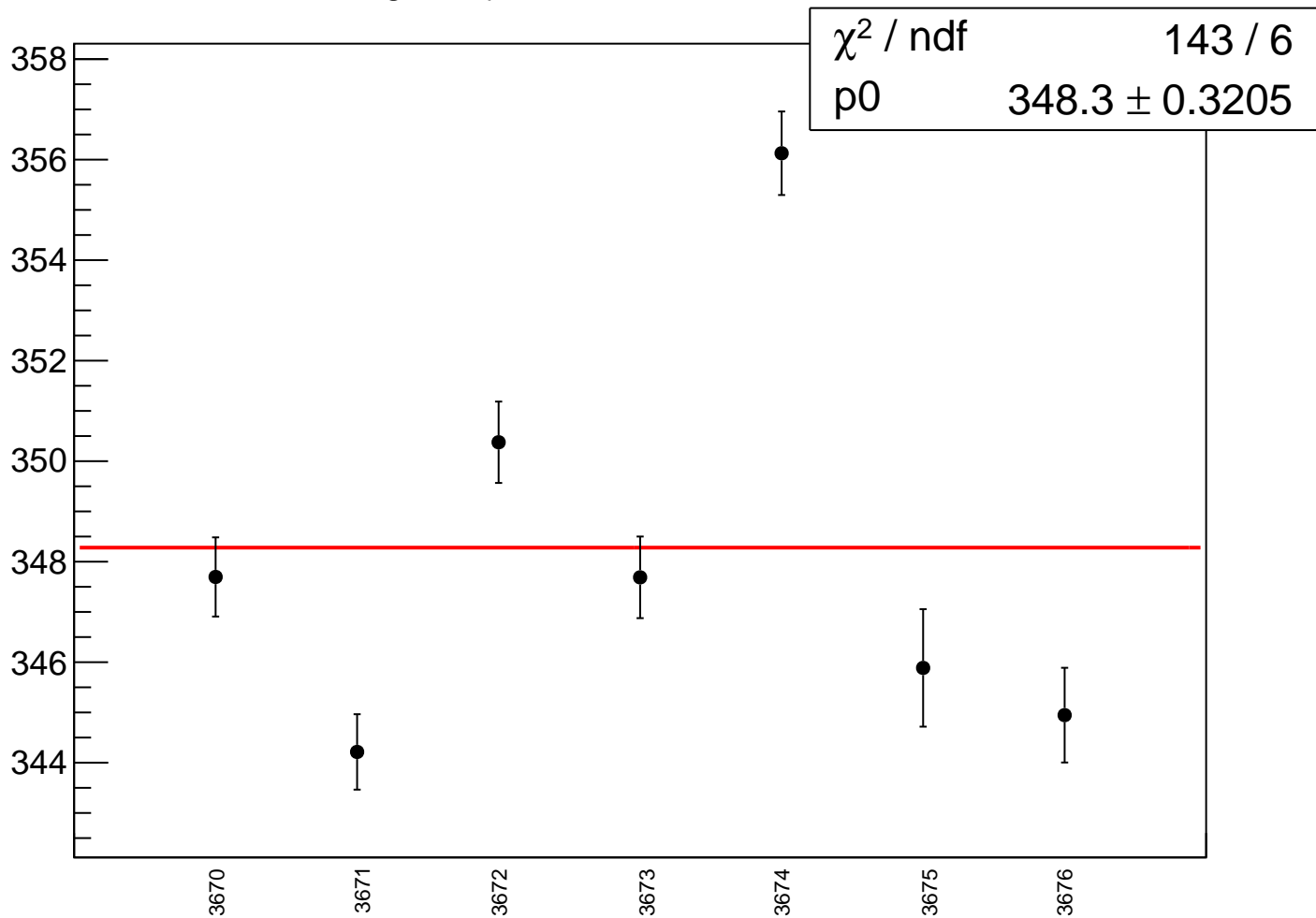
asym_sam6_correction_rms vs run



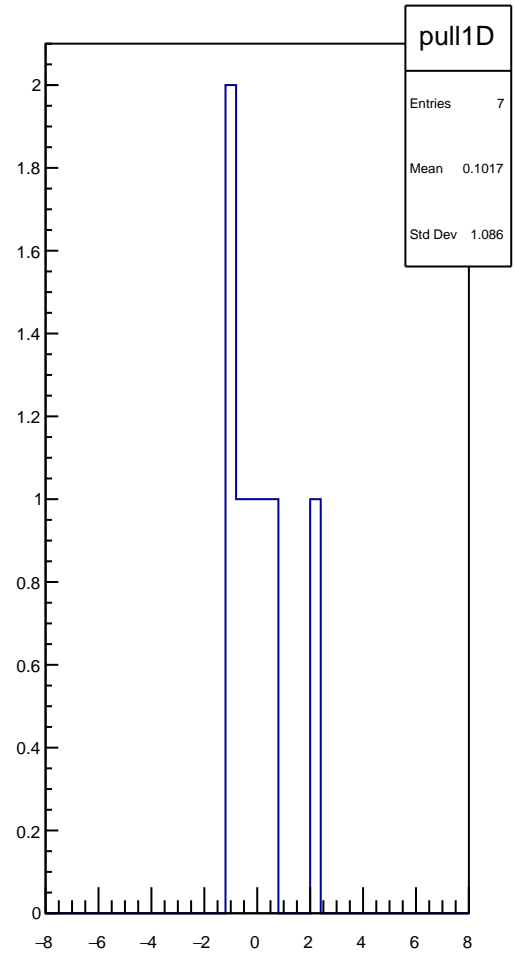
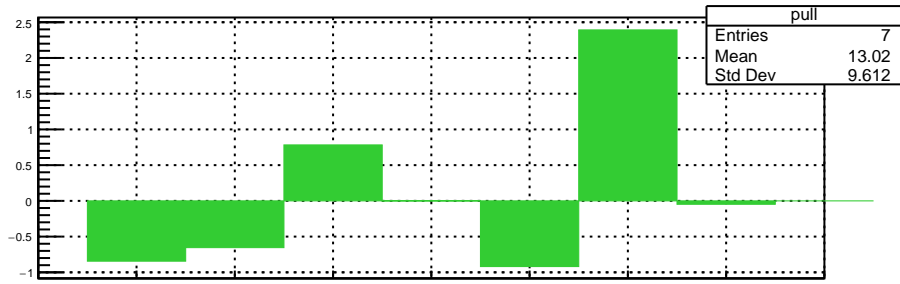
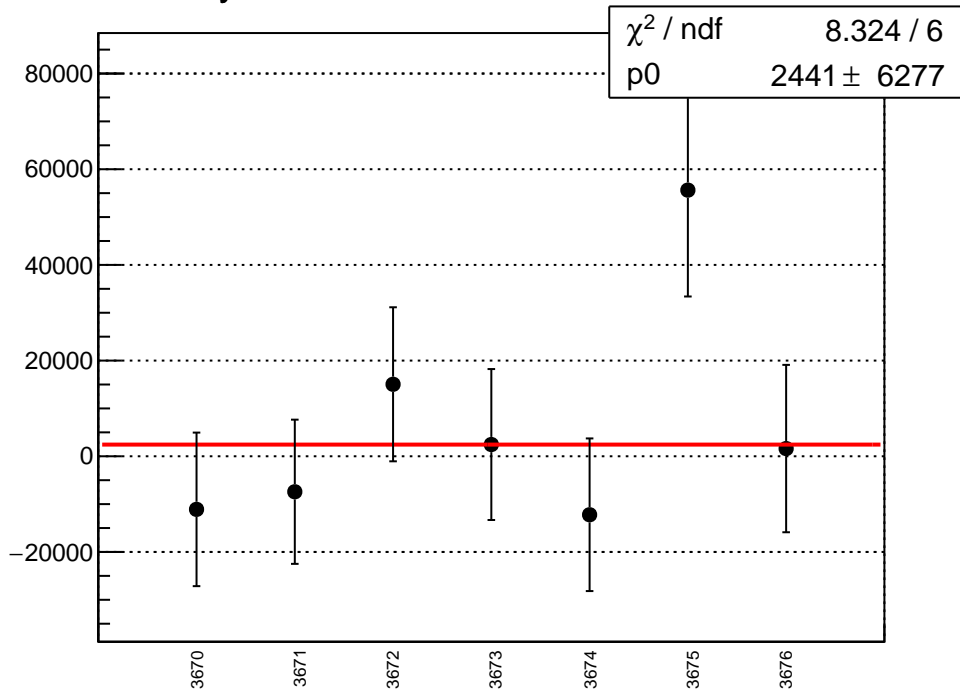
reg_asym_sam7_mean vs run



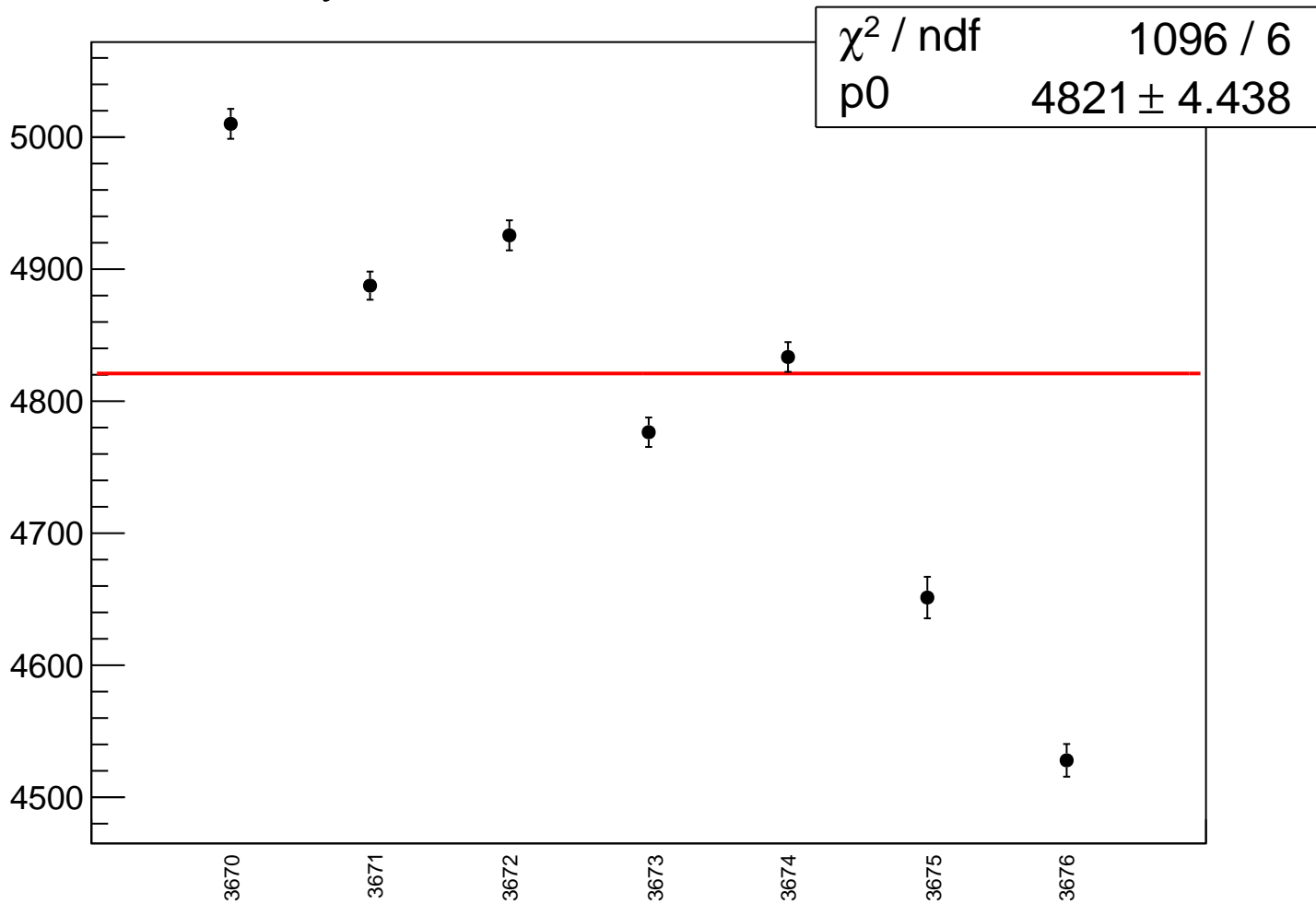
reg_asym_sam7_rms vs run



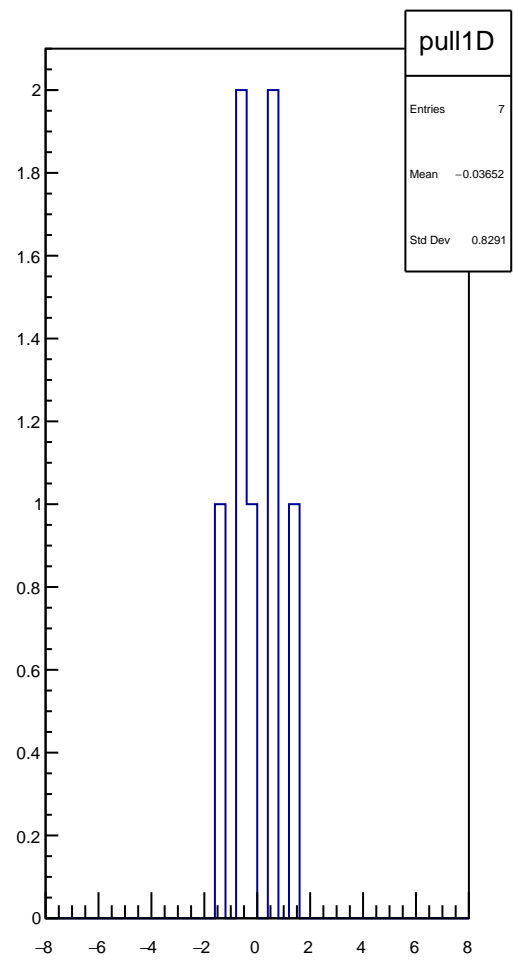
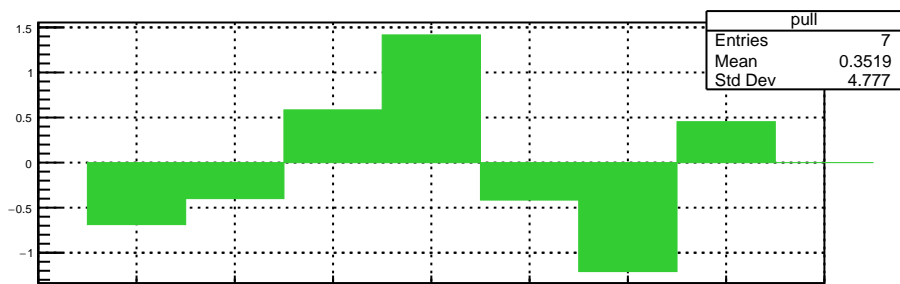
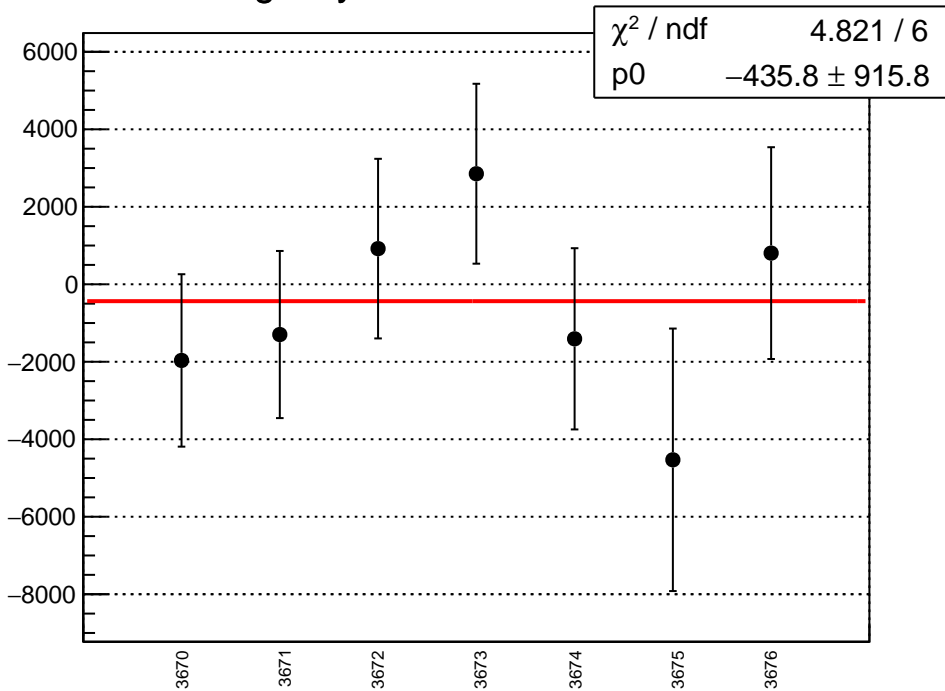
asym_sam7_correction_mean vs run



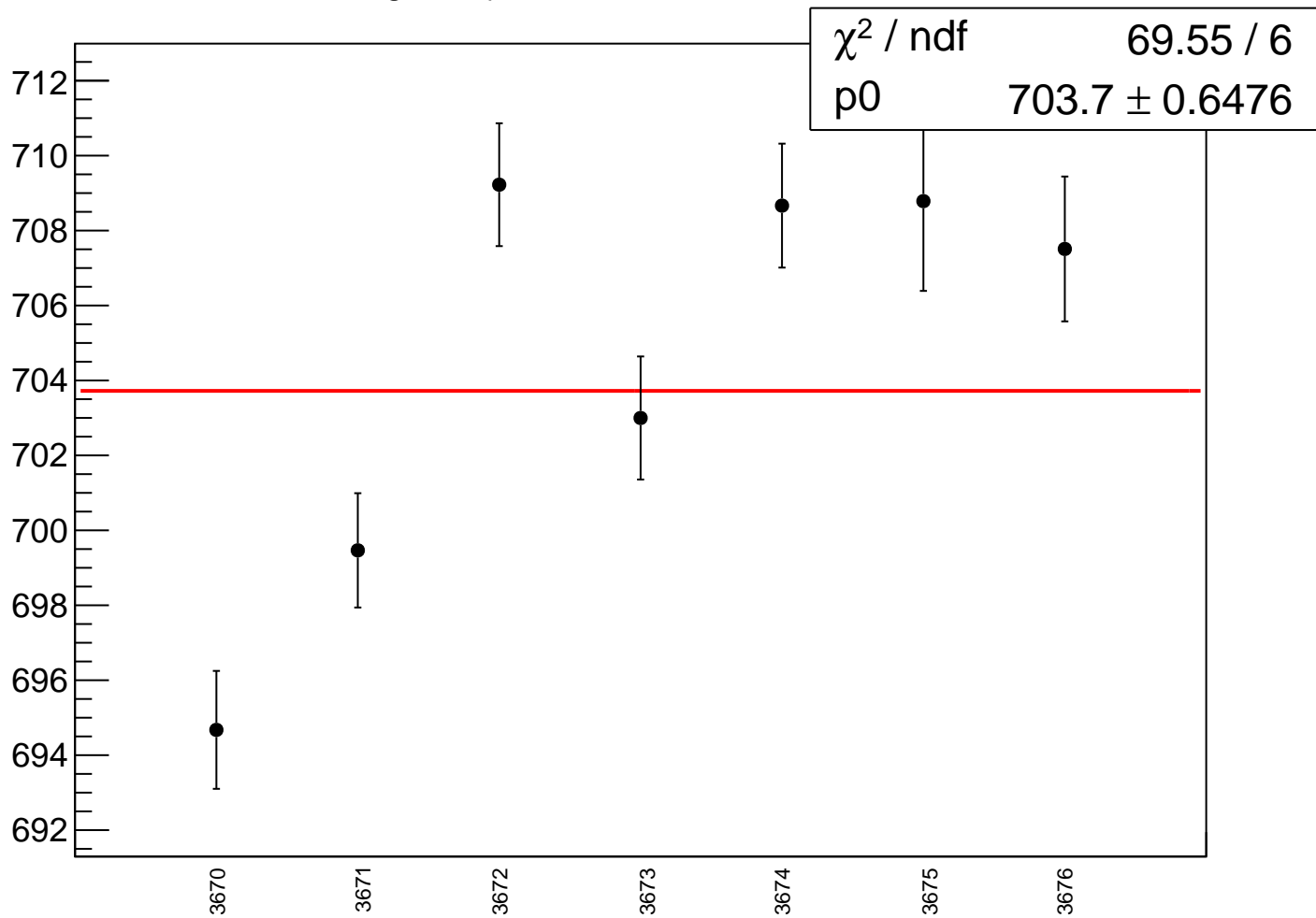
asym_sam7_correction_rms vs run



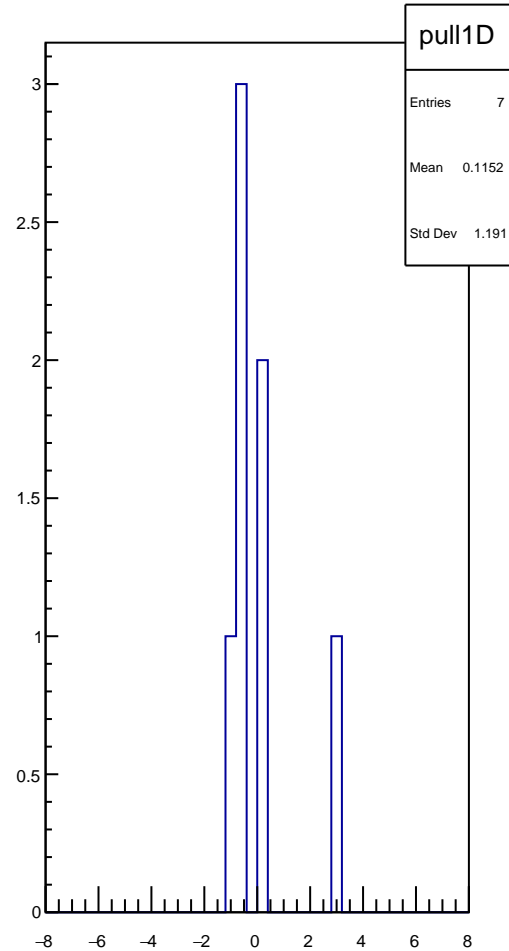
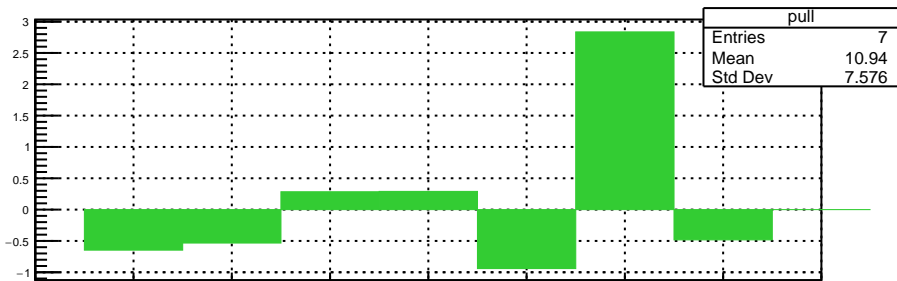
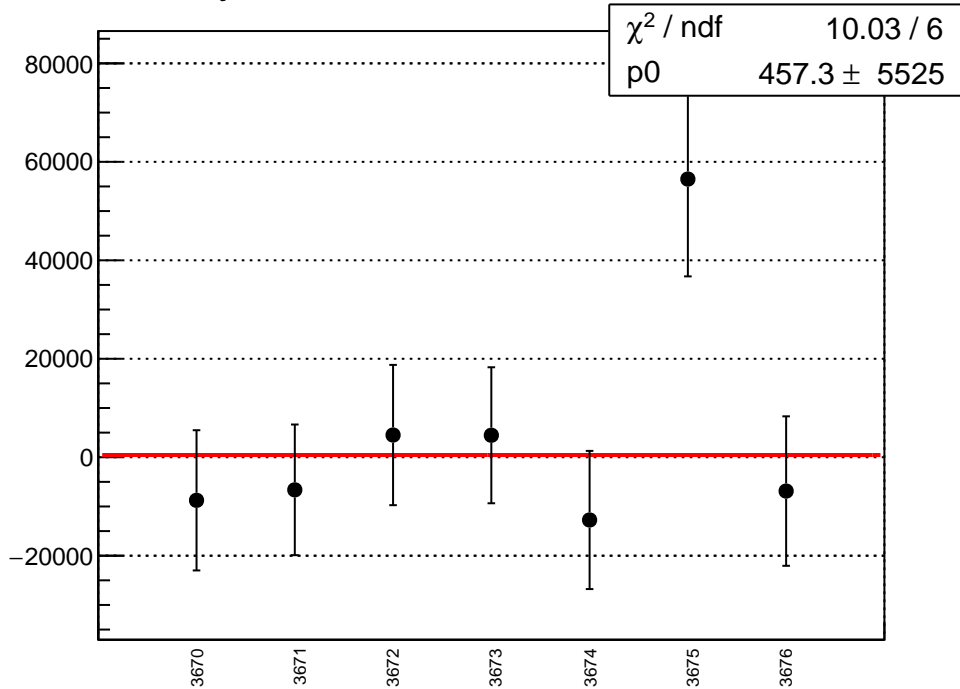
reg_asym_sam8_mean vs run



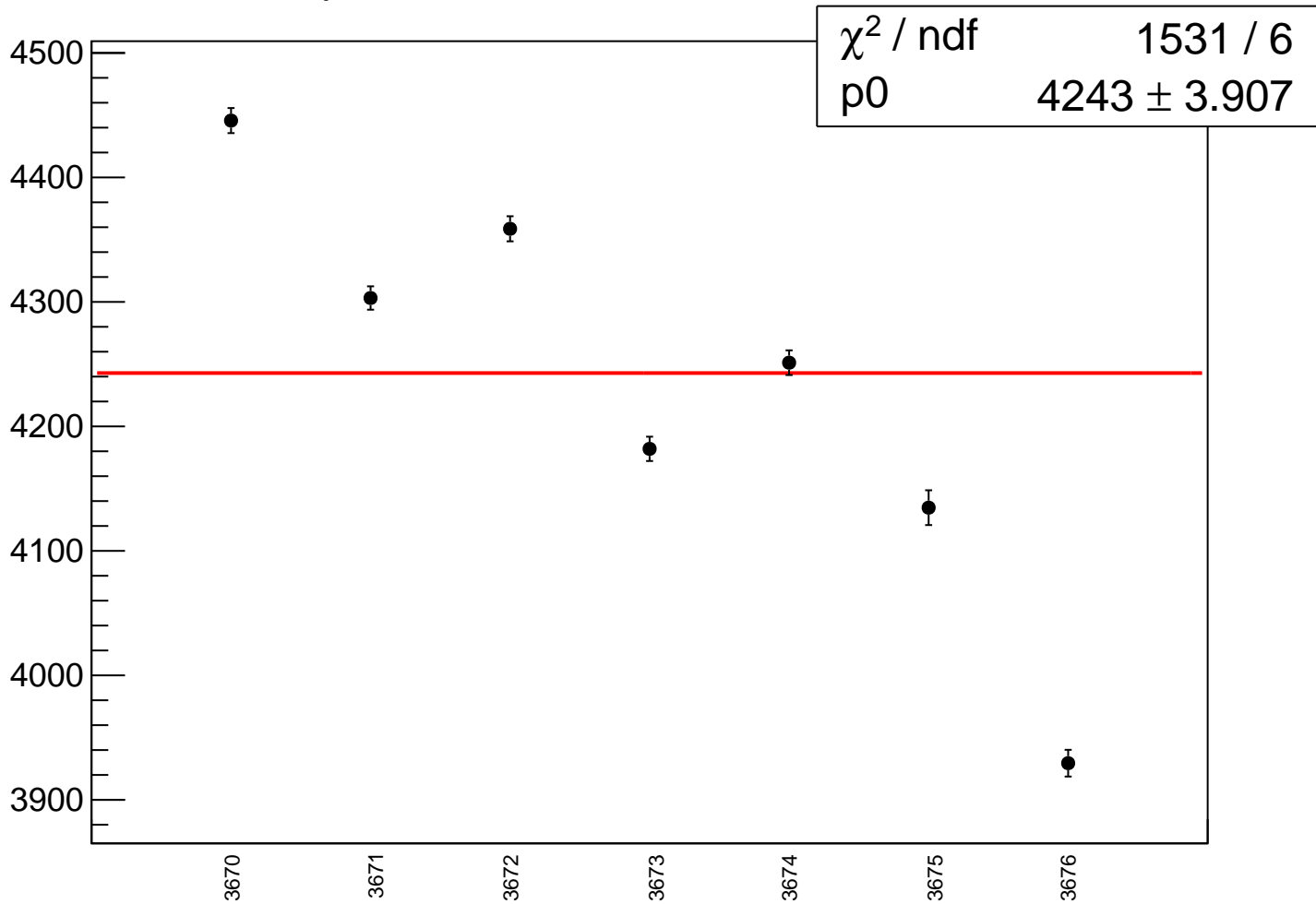
reg_asym_sam8_rms vs run



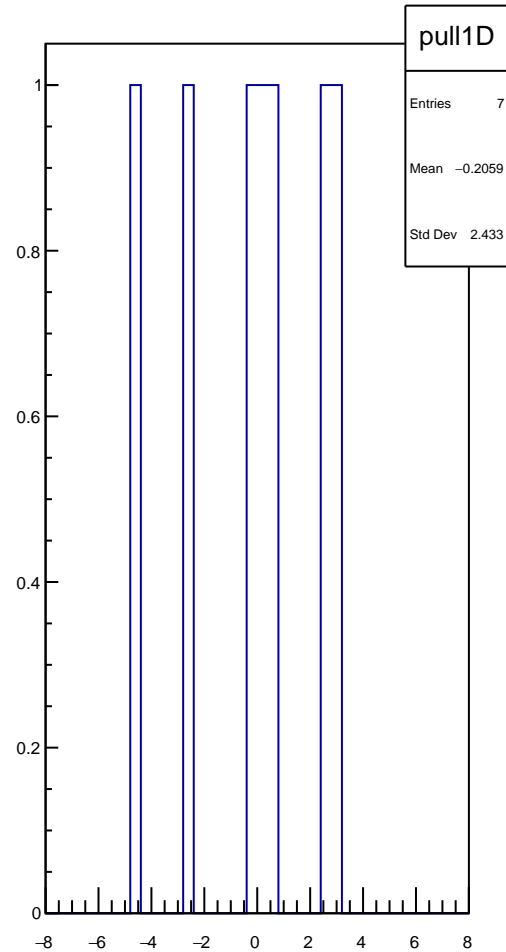
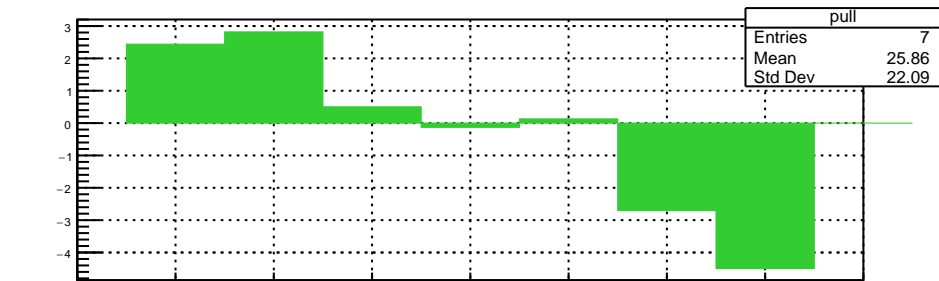
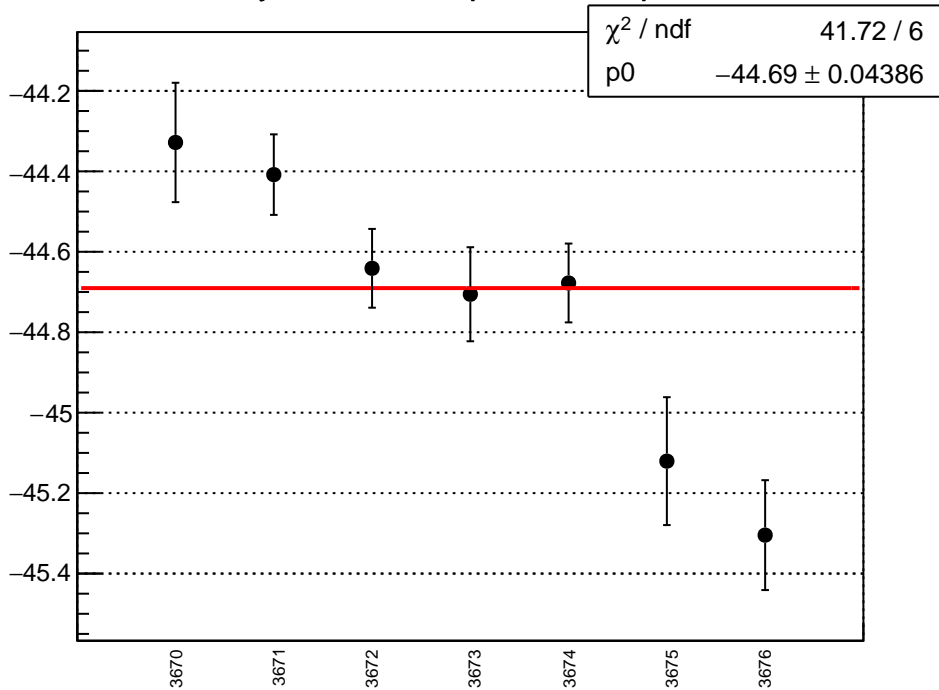
asym_sam8_correction_mean vs run



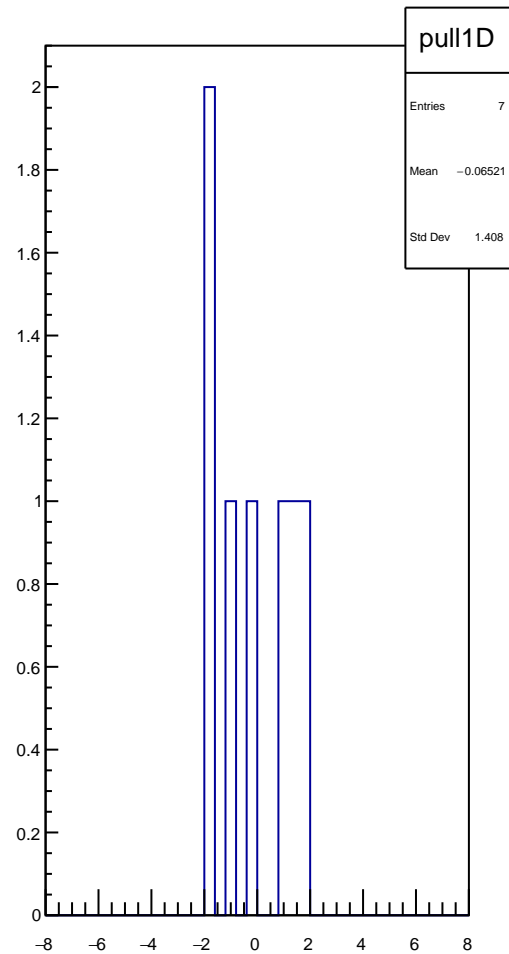
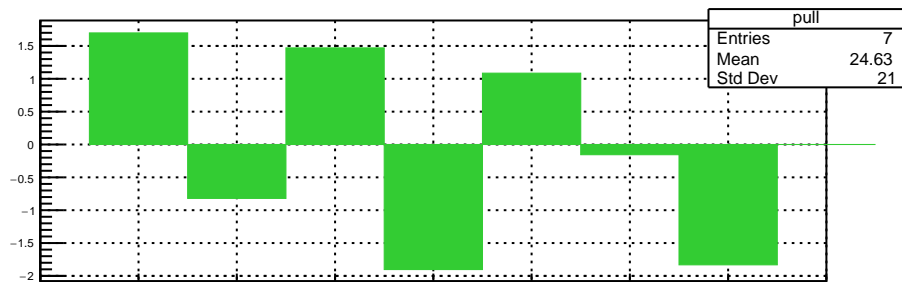
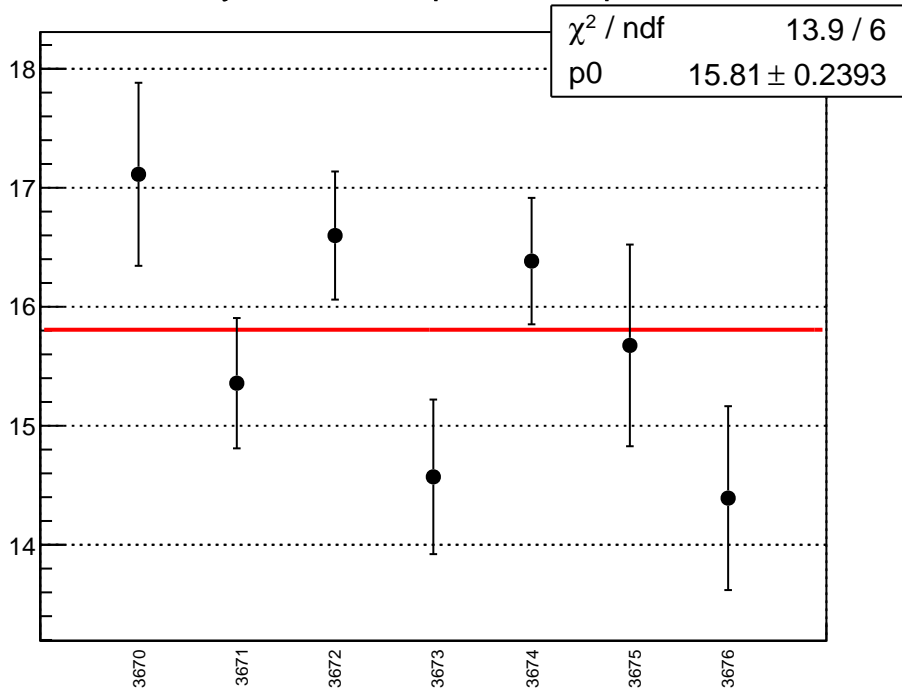
asym_sam8_correction_rms vs run



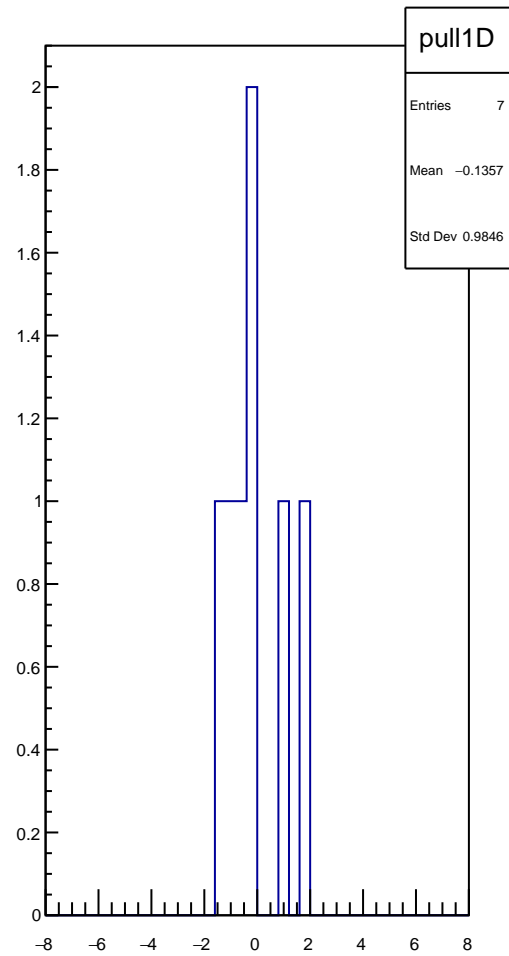
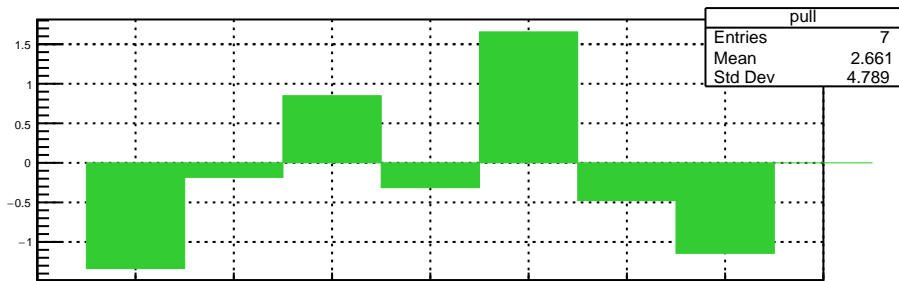
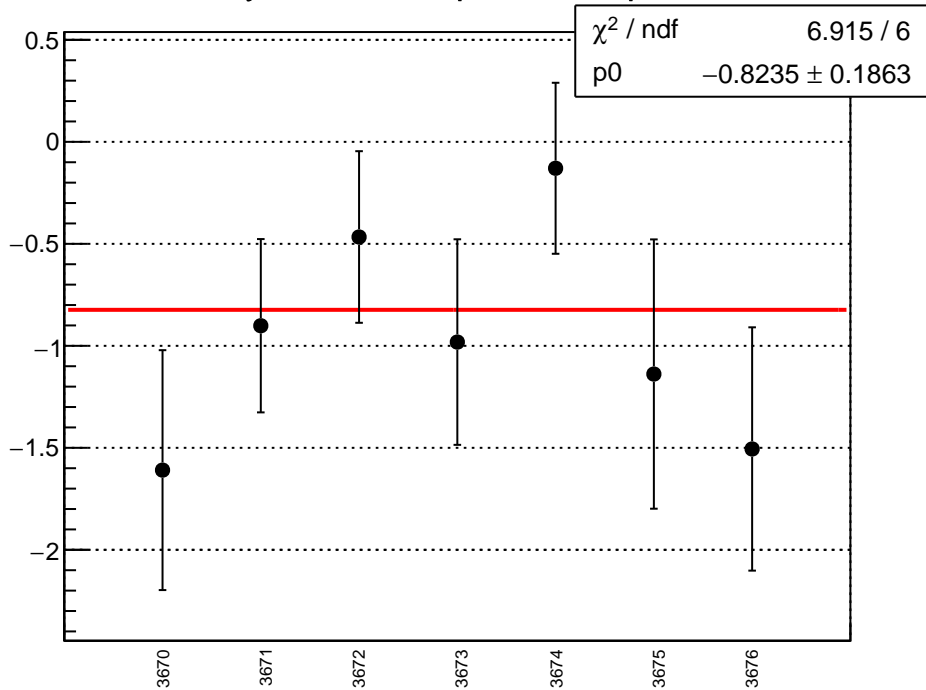
cor_asym_dsl_diff_bpm11X_slope vs run



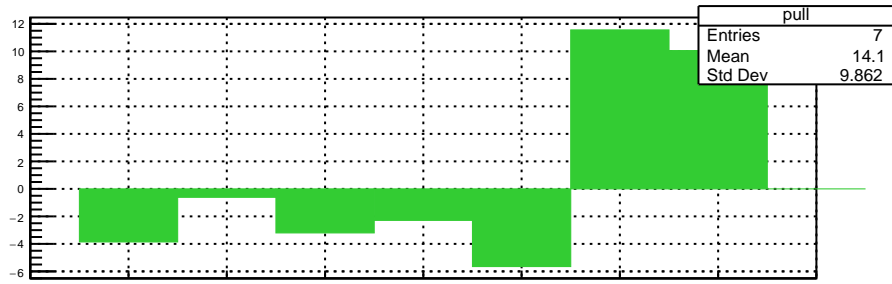
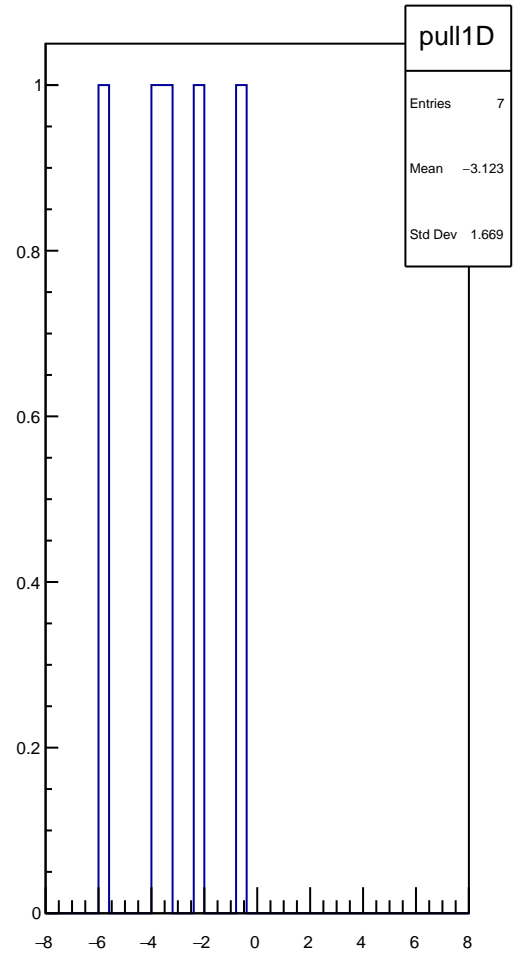
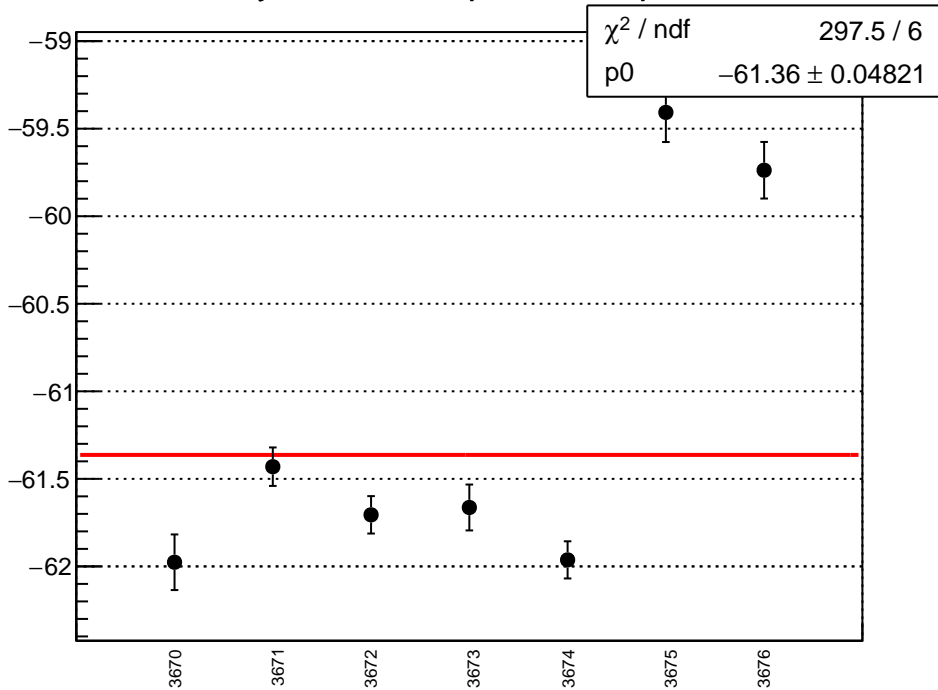
cor_asym_dsl_diff_bpm4aX_slope vs run



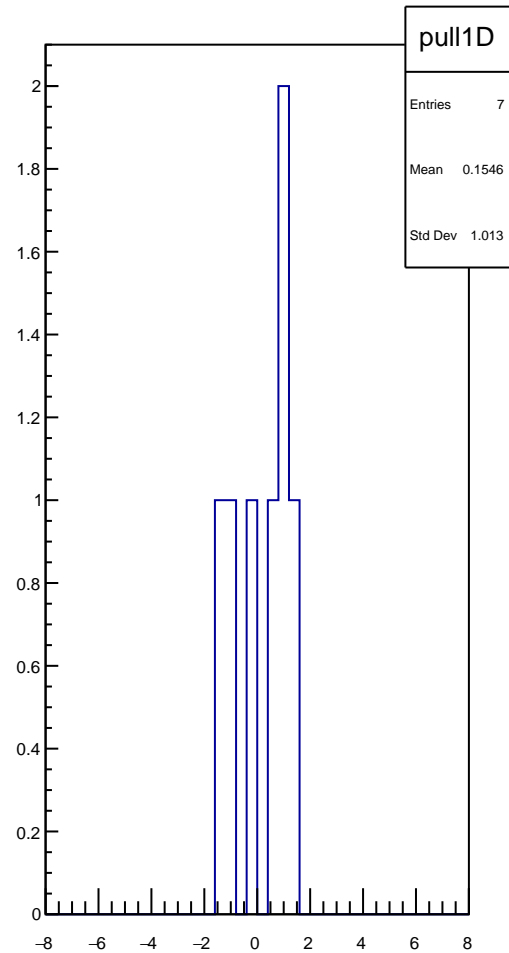
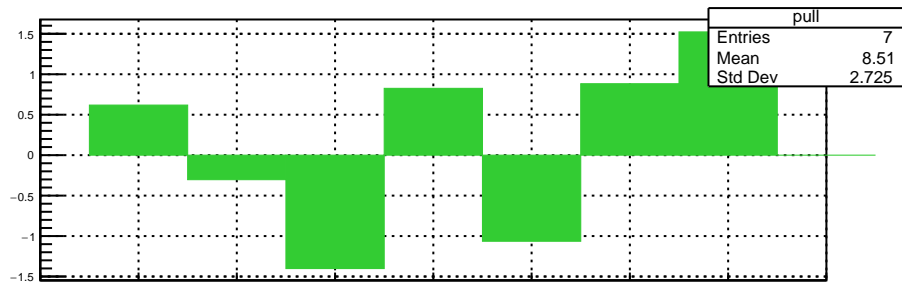
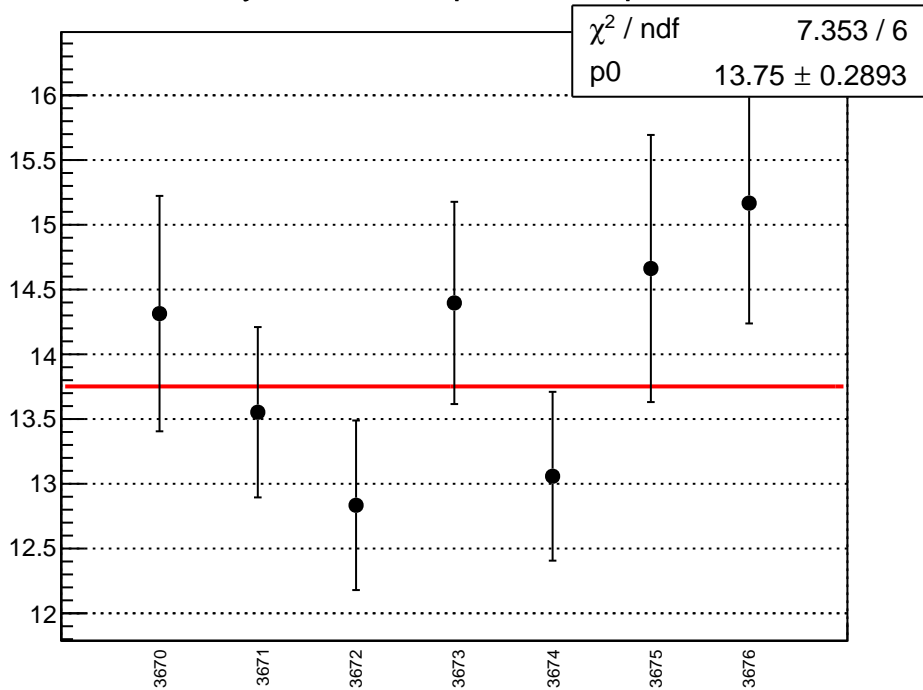
cor_asym_dsl_diff_bpm4aY_slope vs run



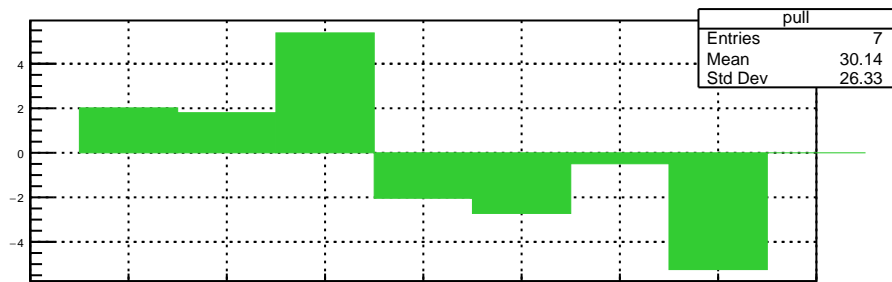
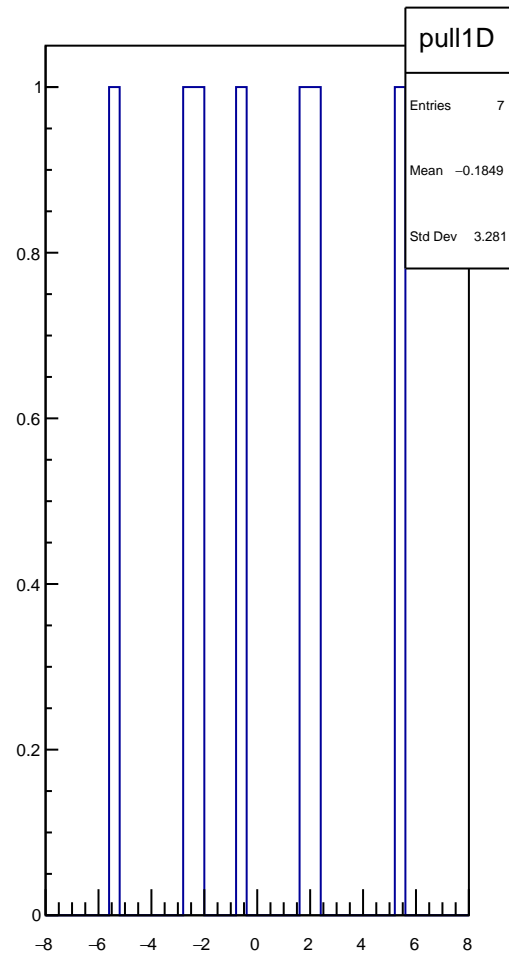
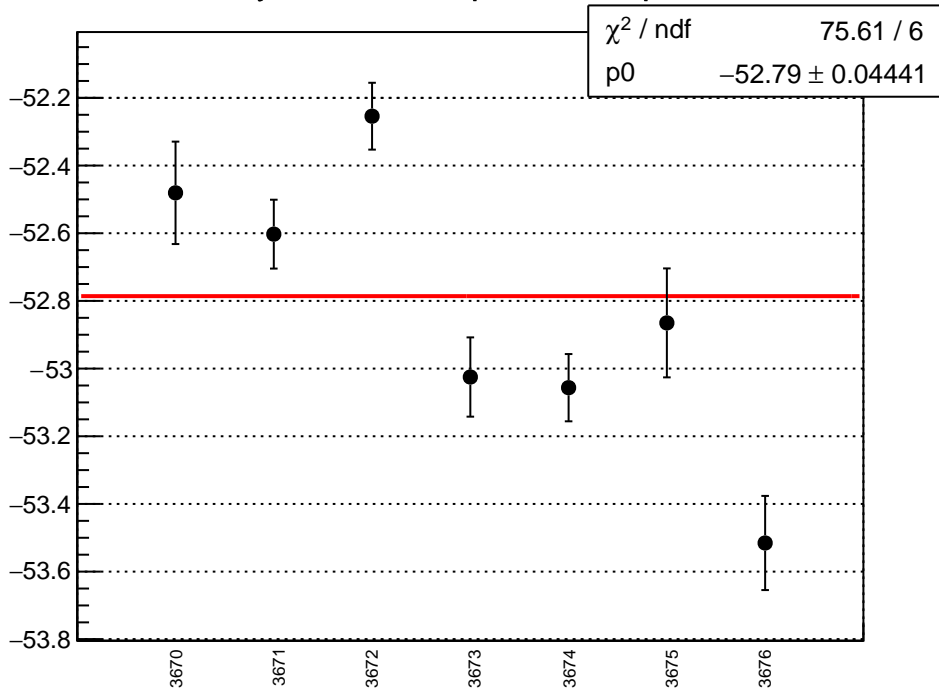
cor_asym_dsl_diff_bpm4eX_slope vs run



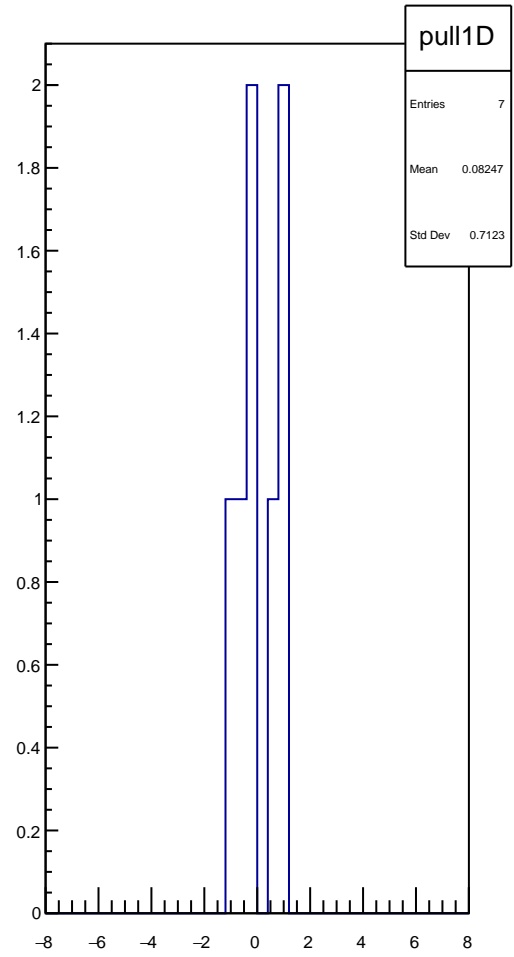
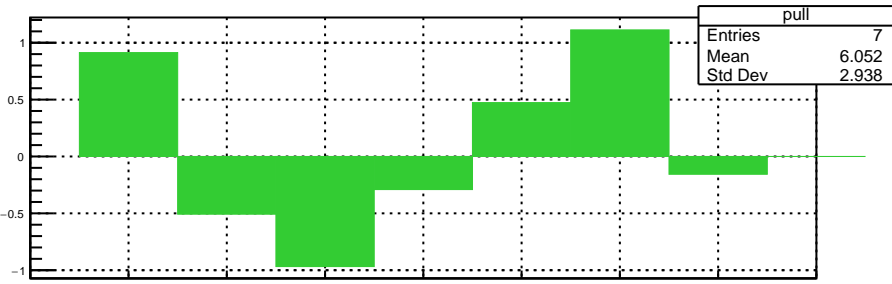
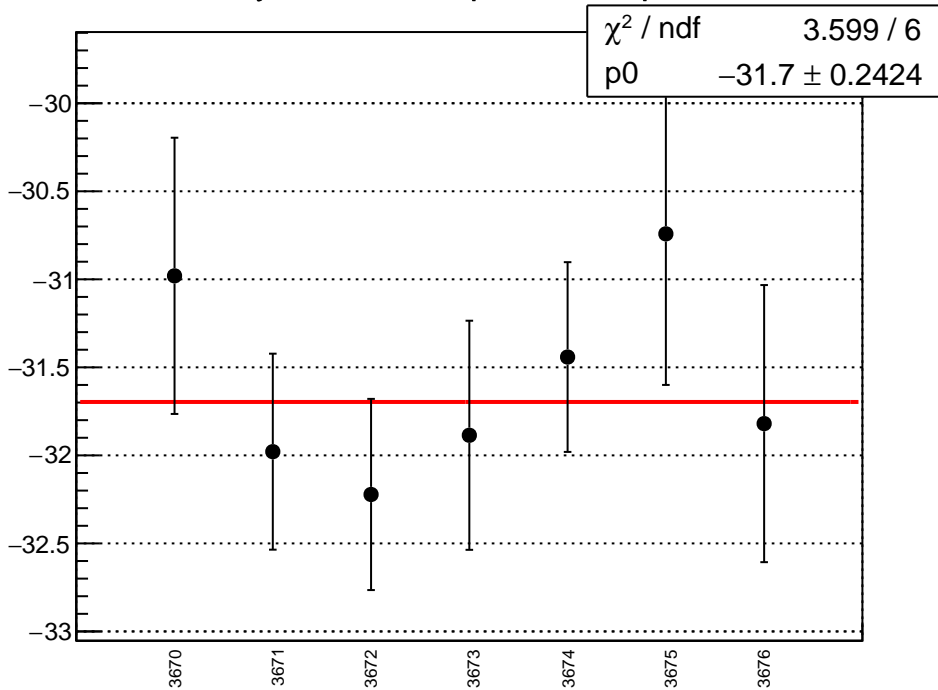
cor_asym_dsl_diff_bpm4eY_slope vs run



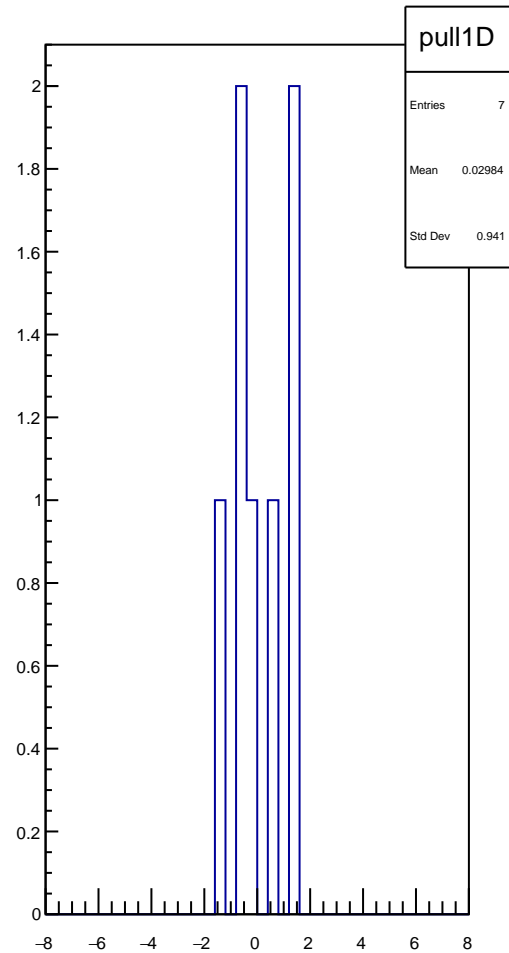
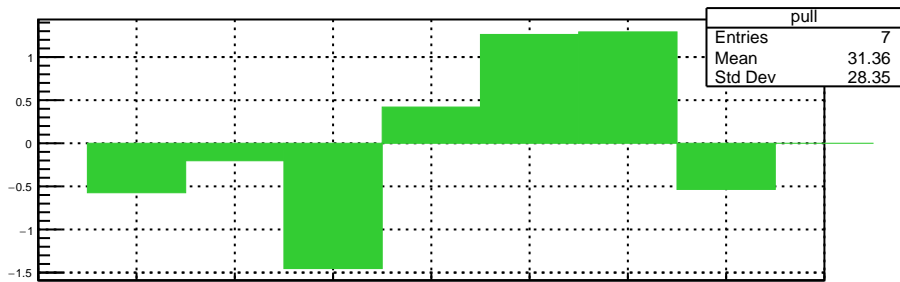
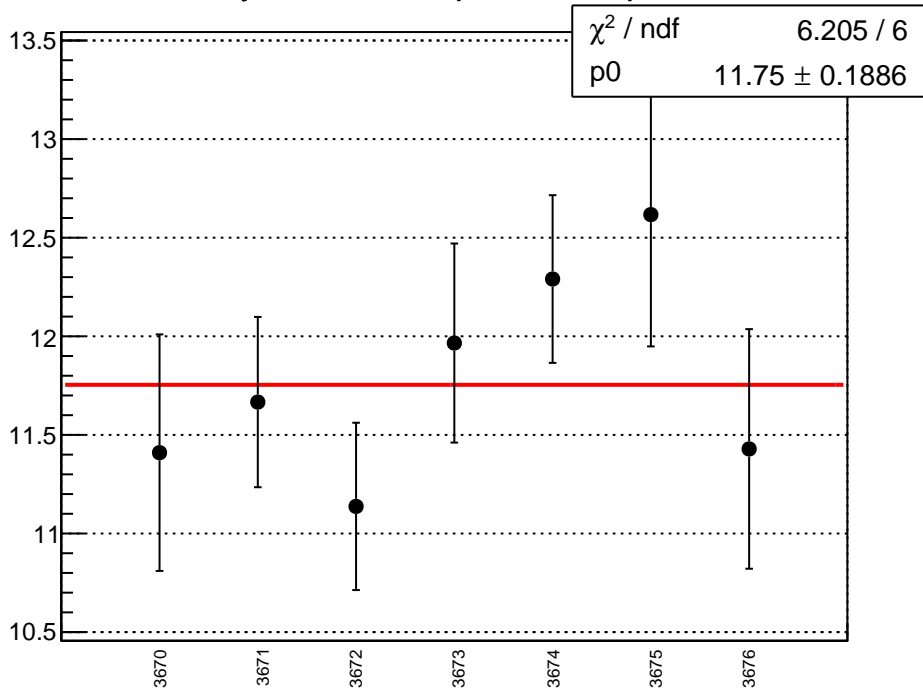
cor_asym_dsr_diff_bpm11X_slope vs run



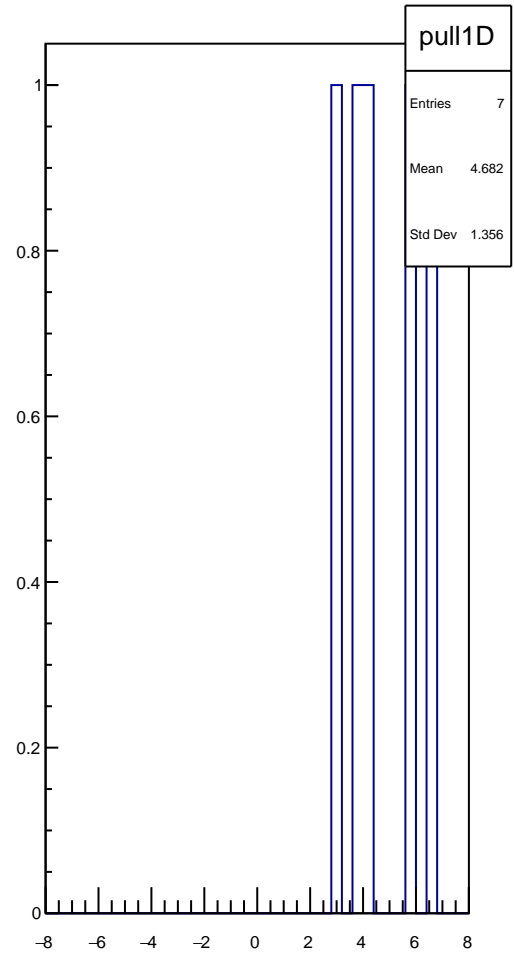
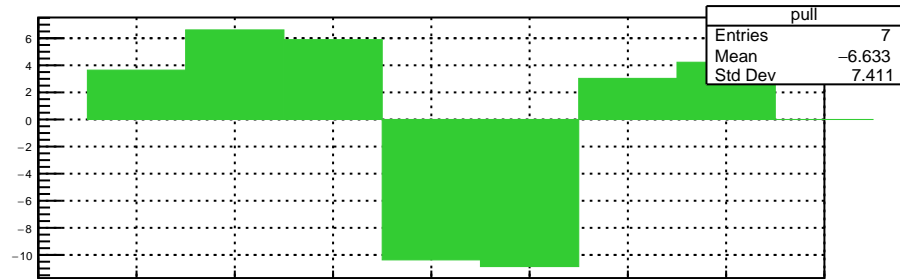
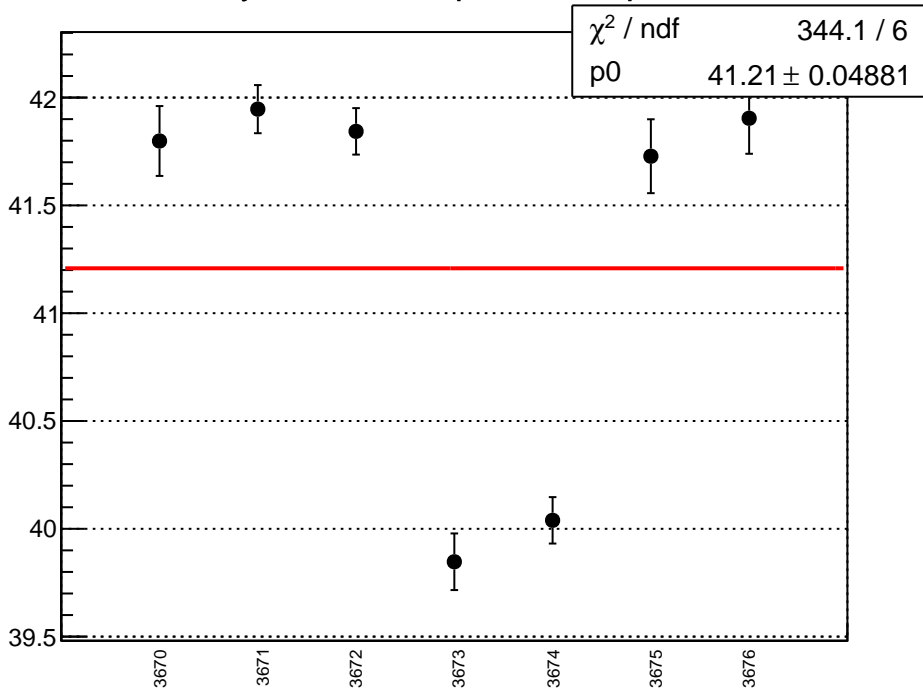
cor_asym_dsr_diff_bpm4aX_slope vs run



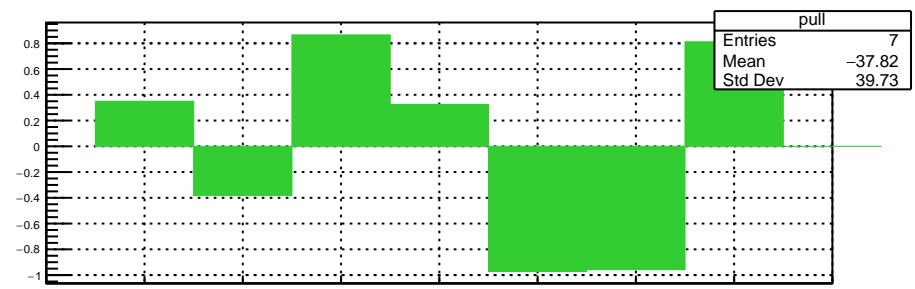
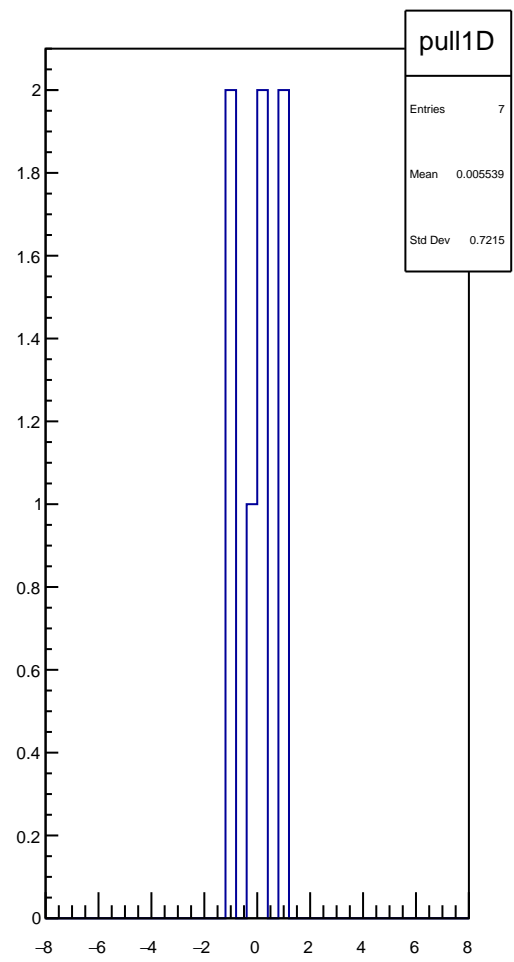
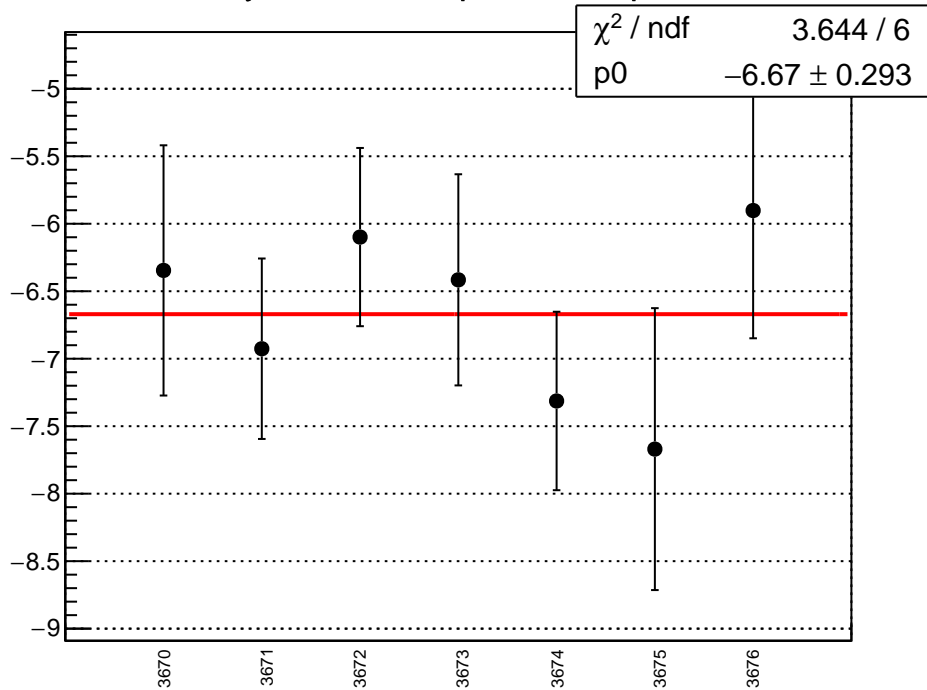
cor_asym_dsr_diff_bpm4aY_slope vs run



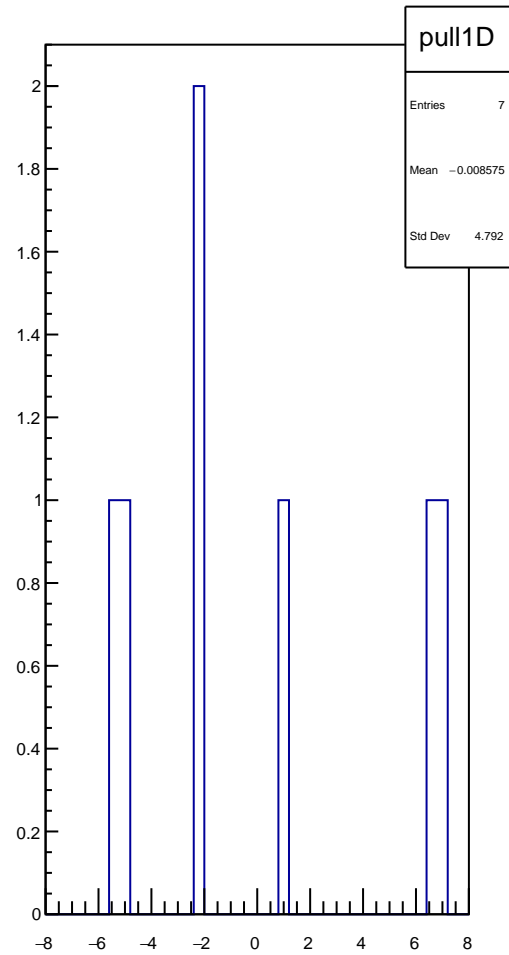
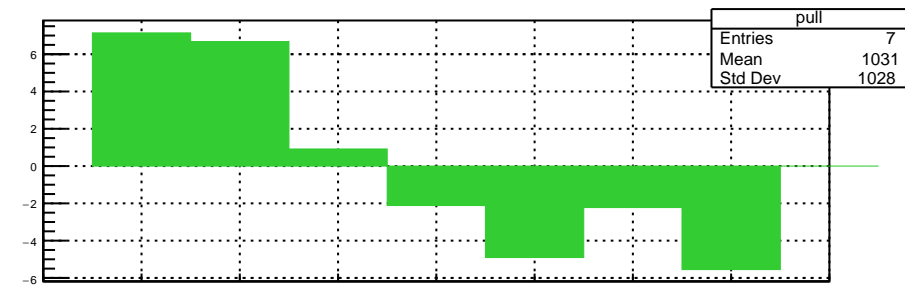
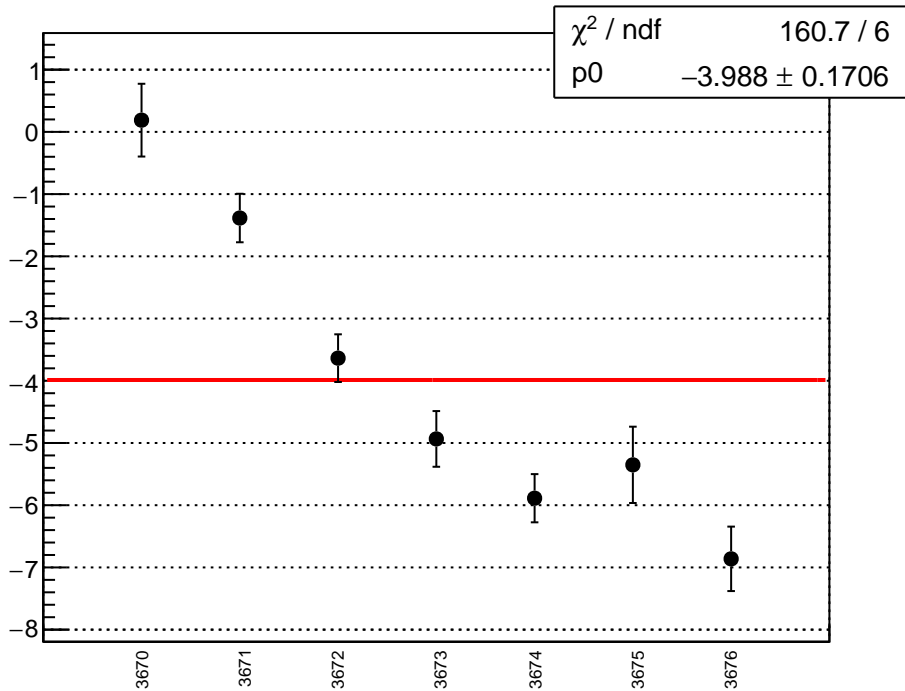
cor_asym_dsr_diff_bpm4eX_slope vs run



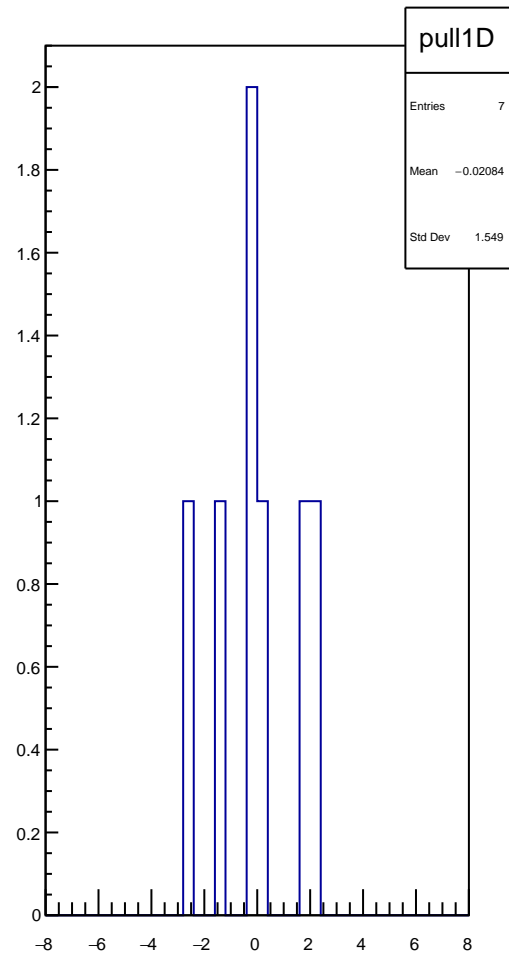
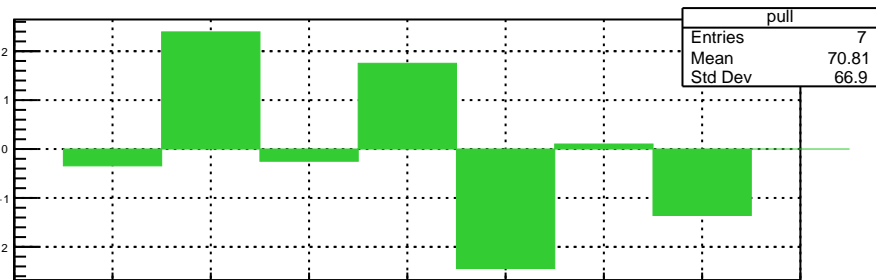
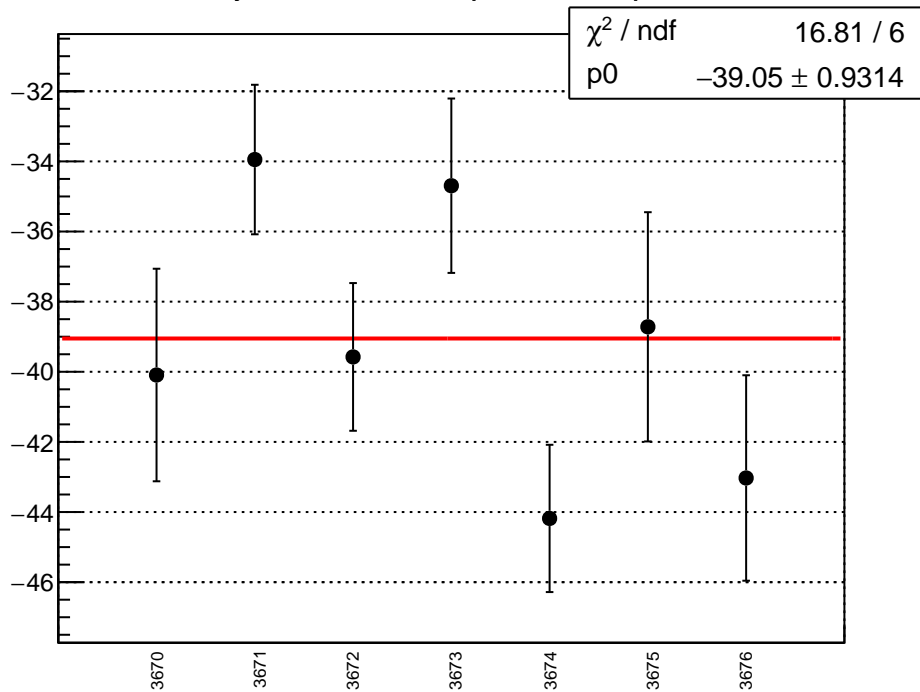
cor_asym_dsr_diff_bpm4eY_slope vs run



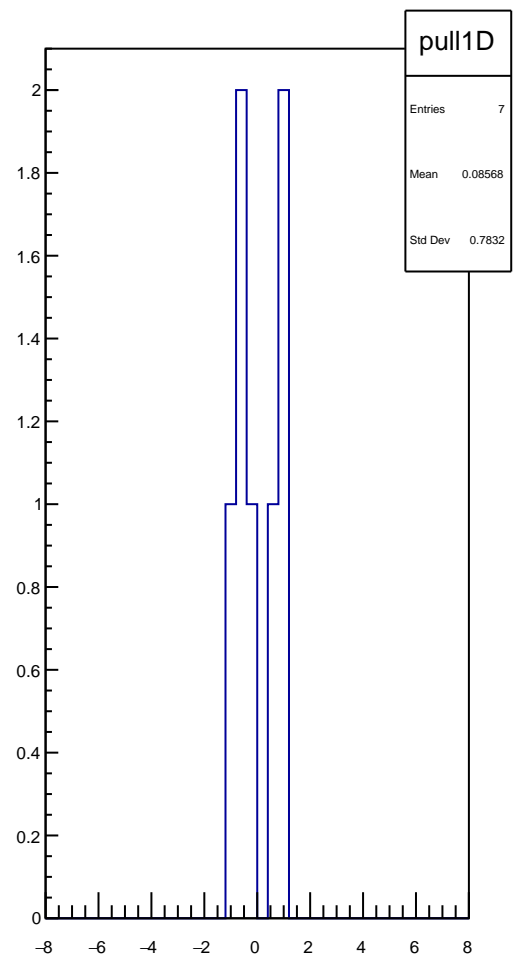
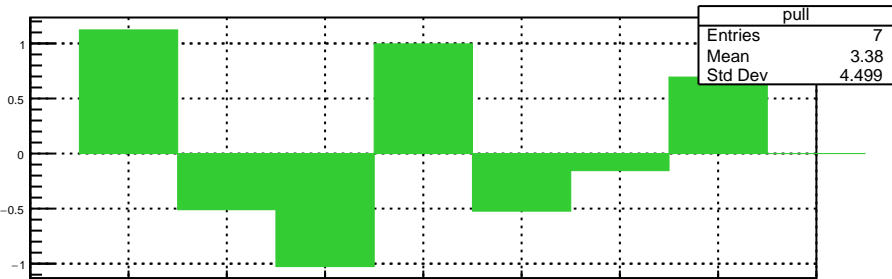
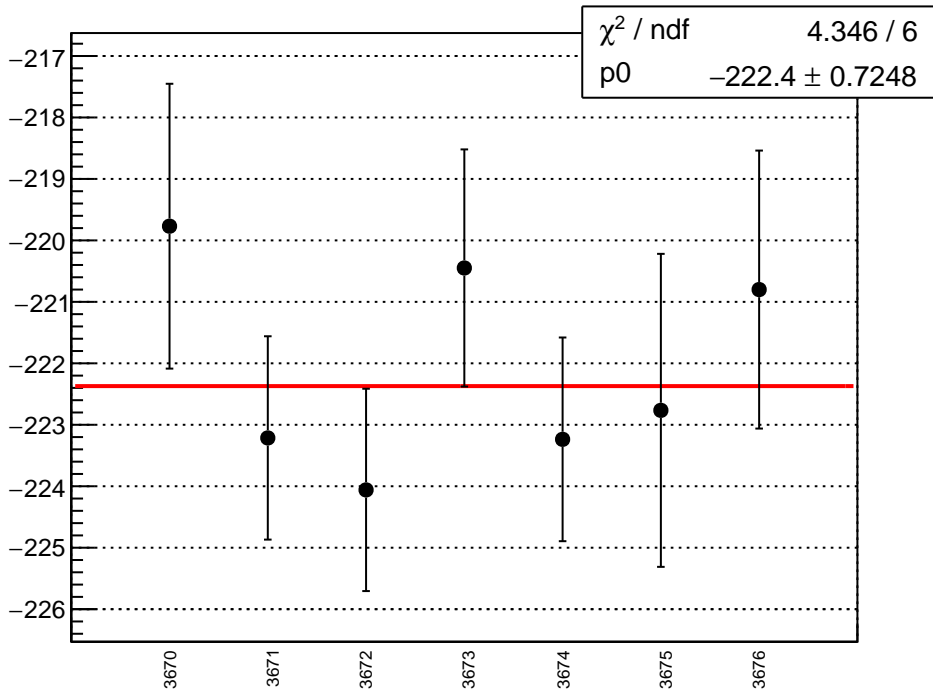
cor_asym_sam1_diff_bpm11X_slope vs run



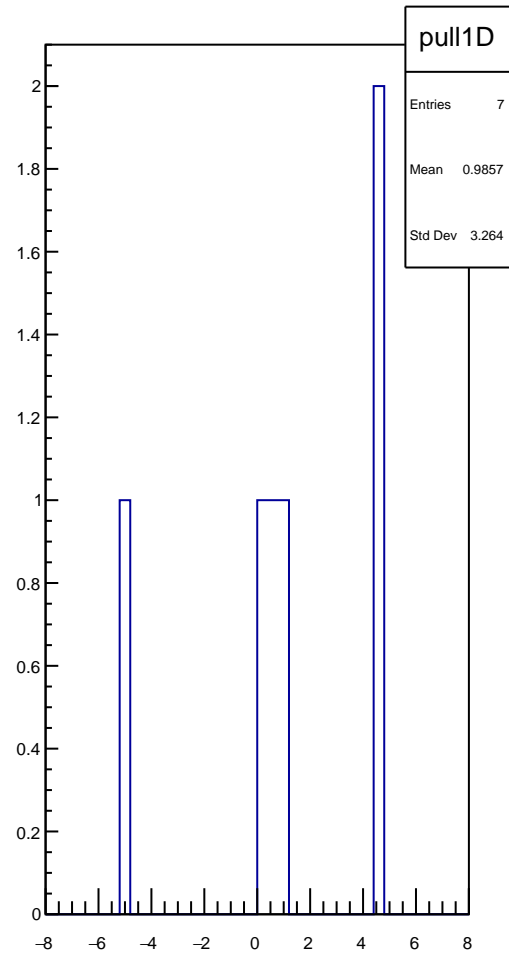
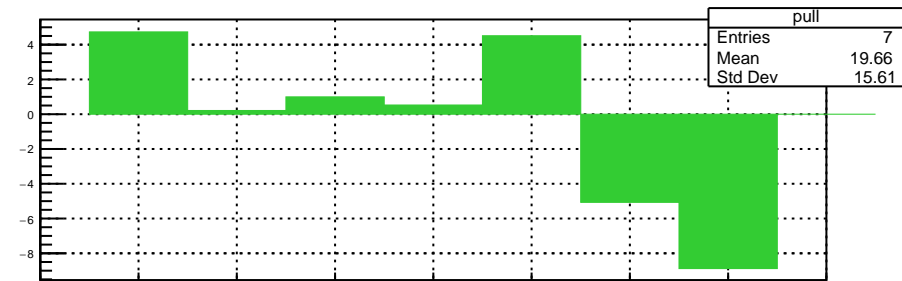
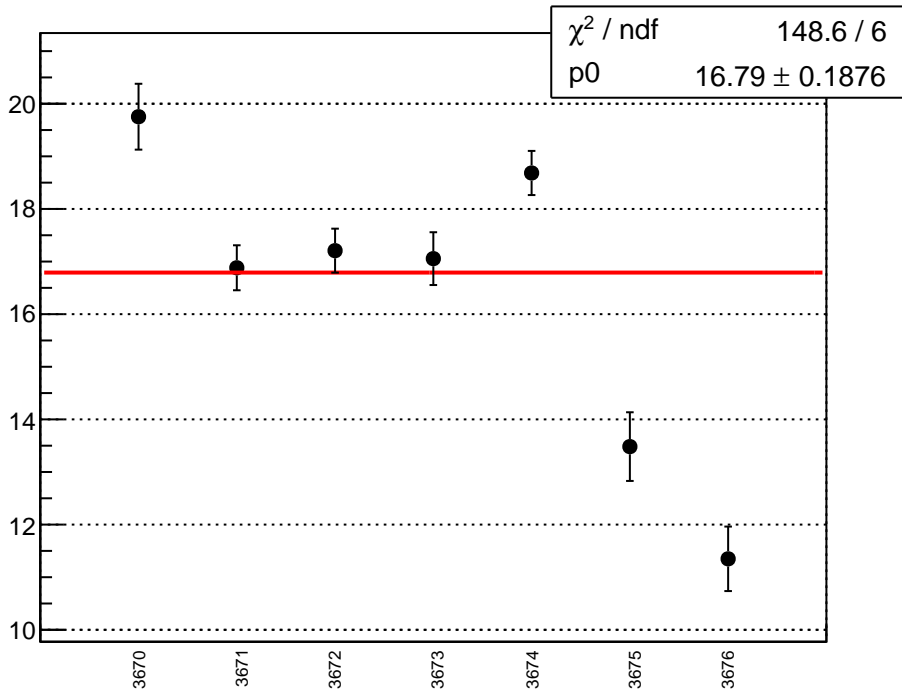
cor_asym_sam1_diff_bpm4aX_slope vs run



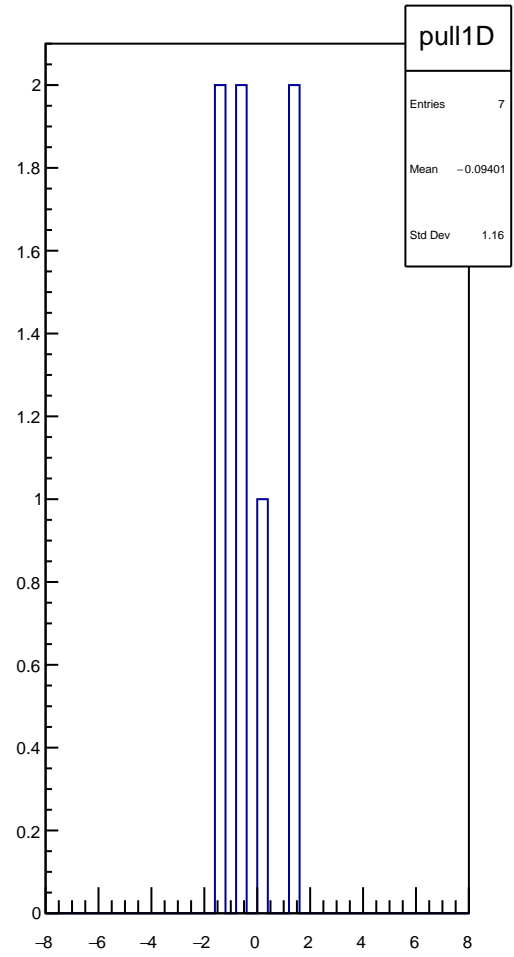
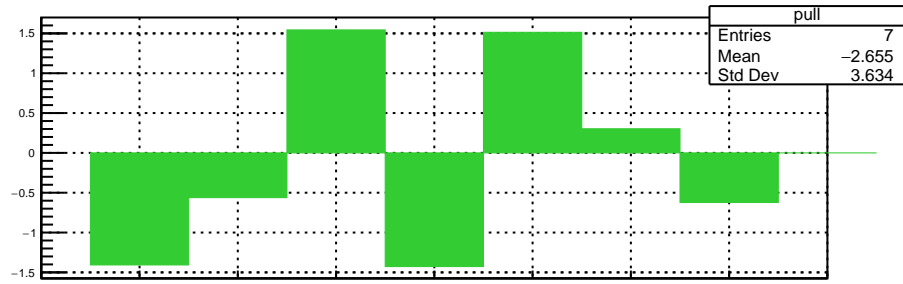
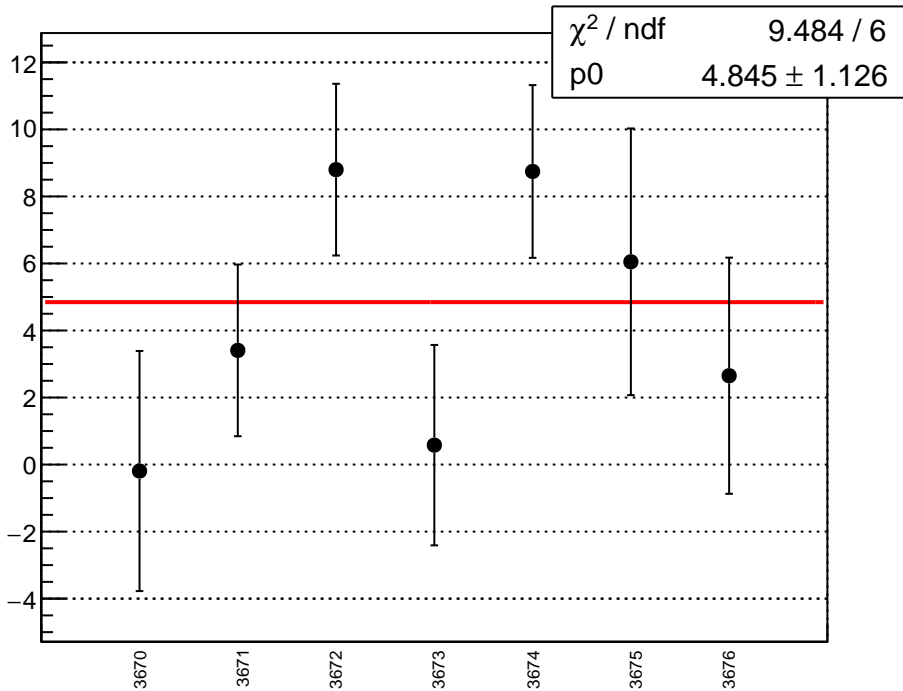
cor_asym_sam1_diff_bpm4aY_slope vs run



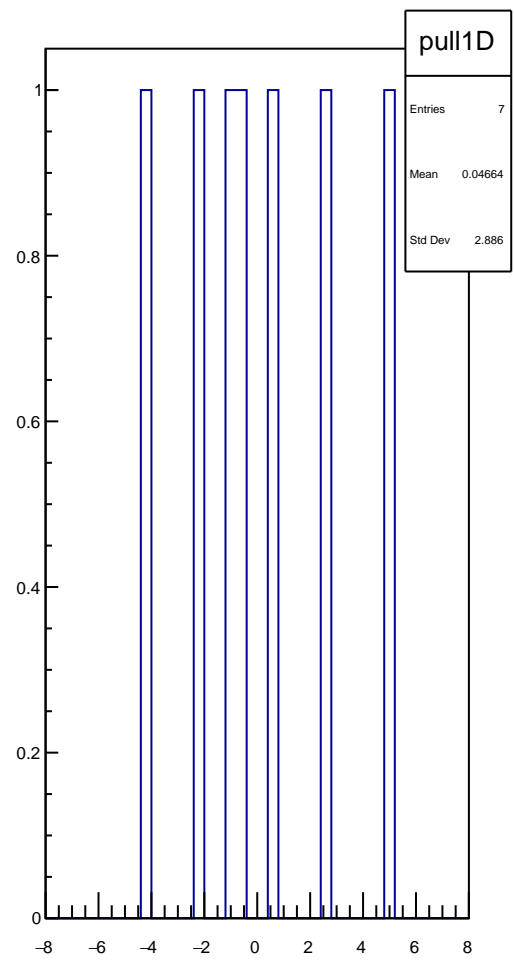
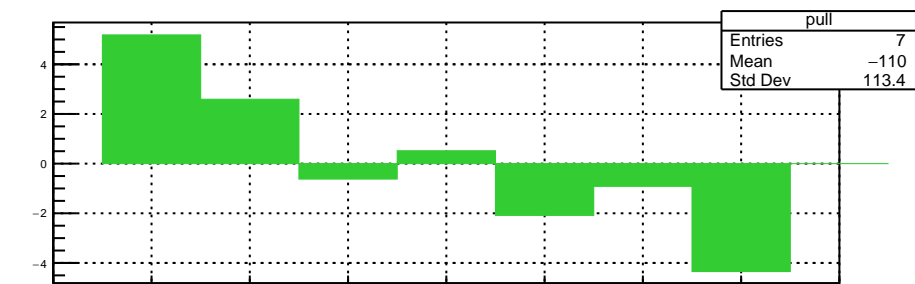
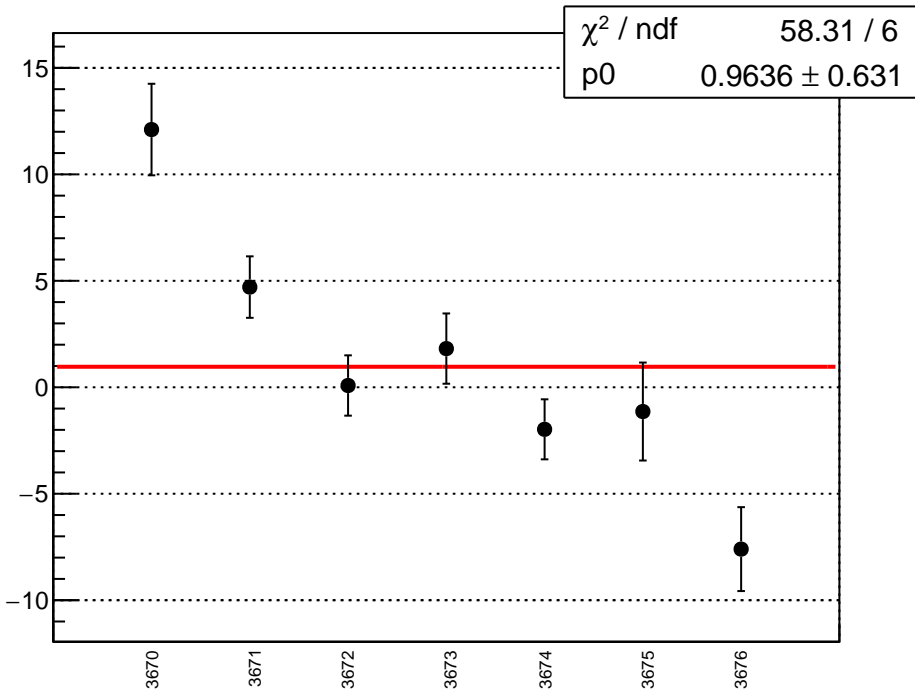
cor_asym_sam1_diff_bpm4eX_slope vs run



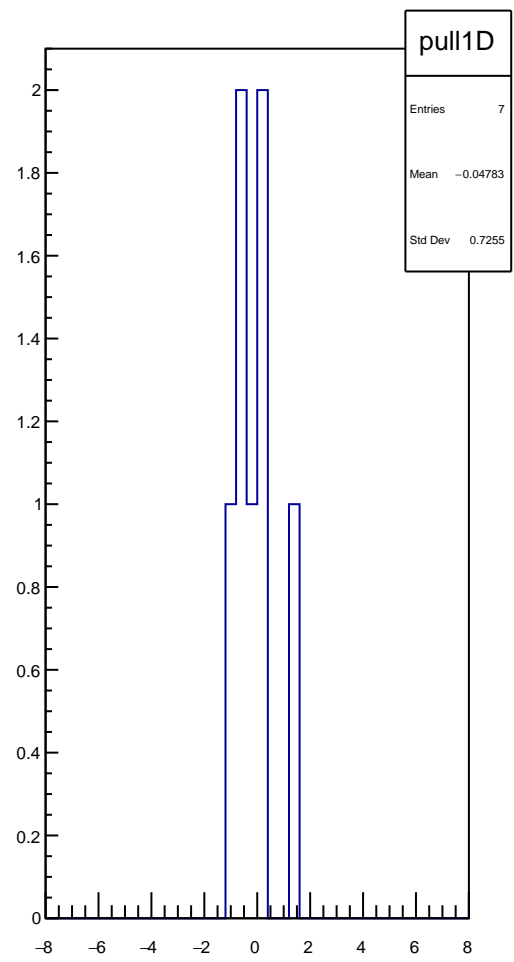
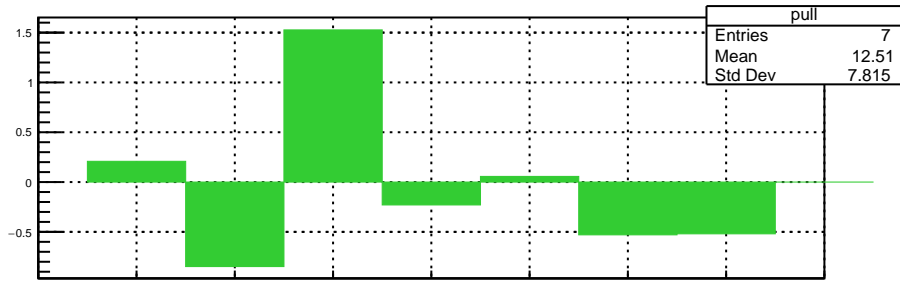
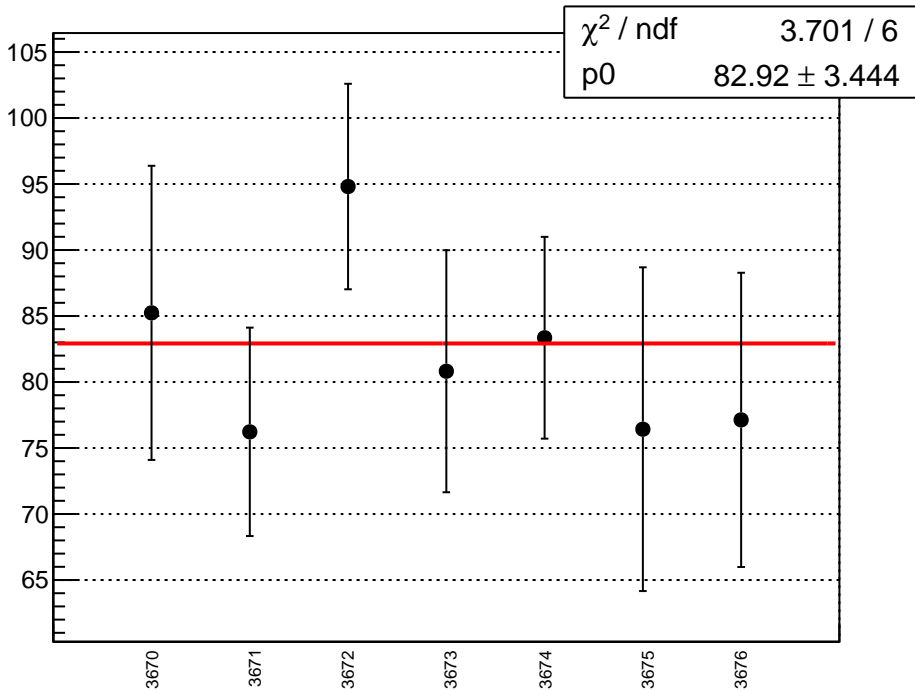
cor_asym_sam1_diff_bpm4eY_slope vs run



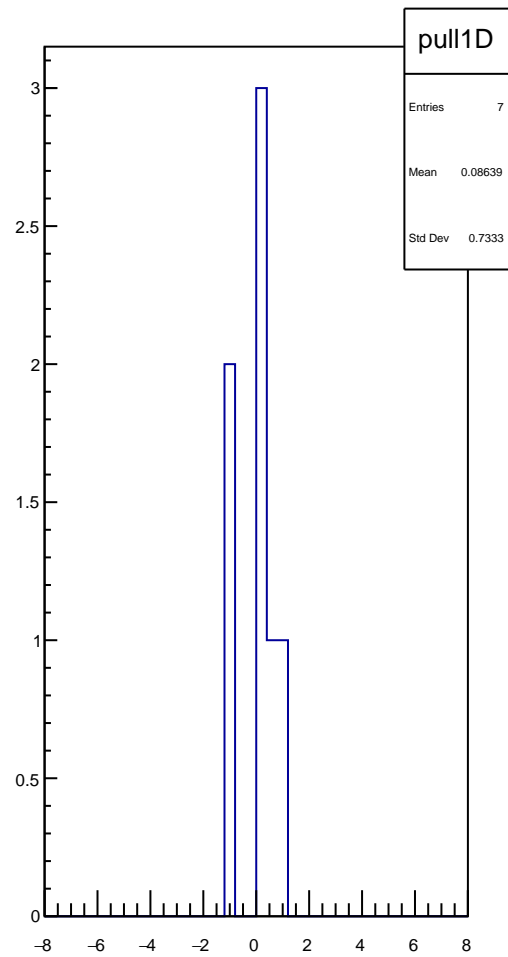
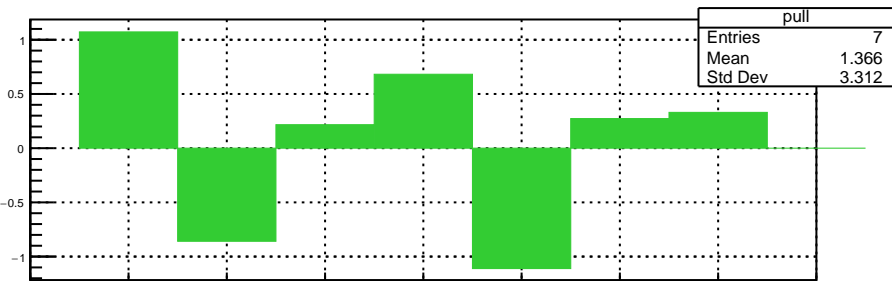
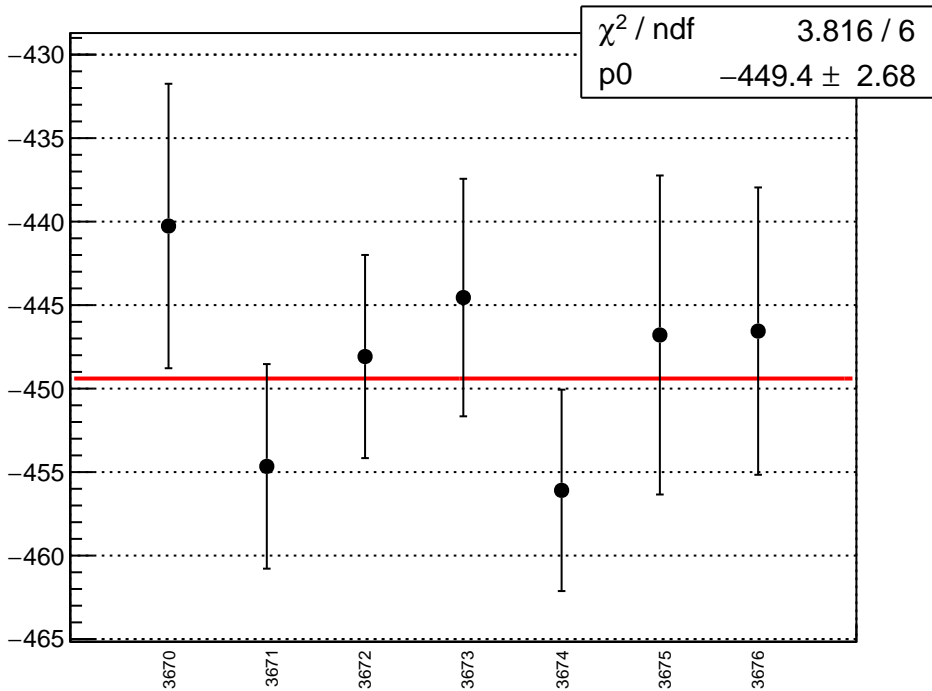
cor_asym_sam2_diff_bpm11X_slope vs run



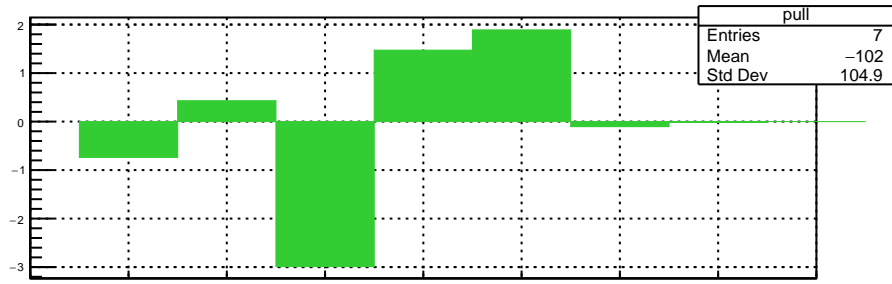
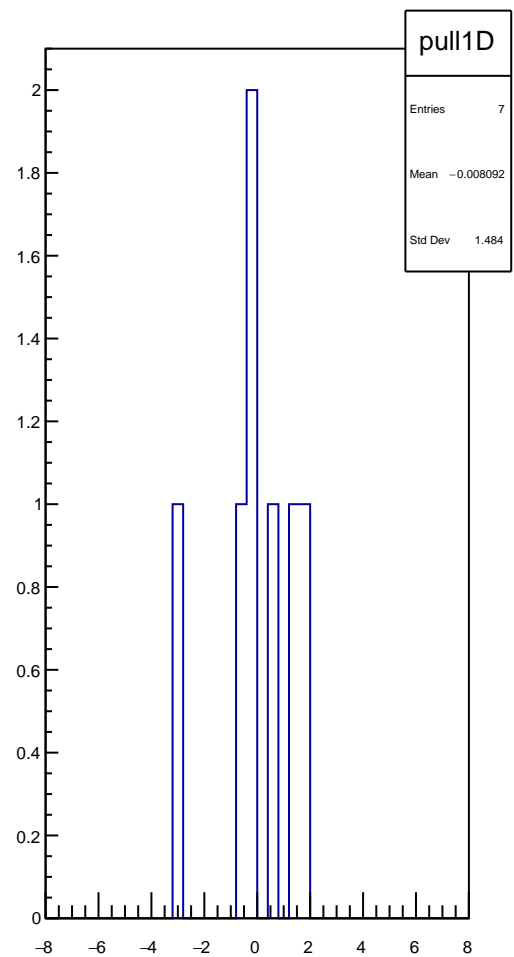
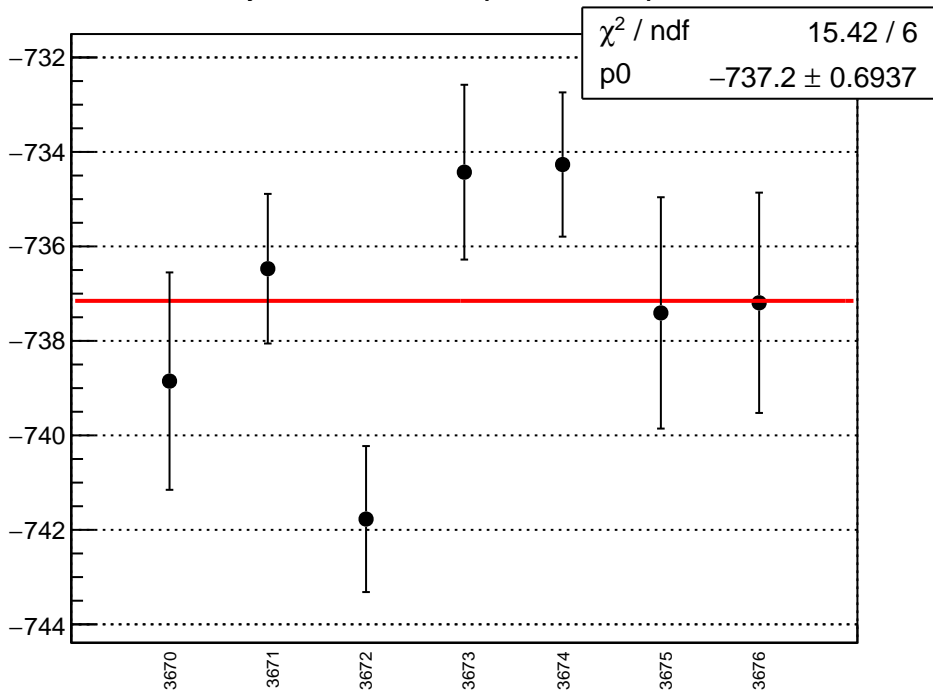
cor_asym_sam2_diff_bpm4aX_slope vs run



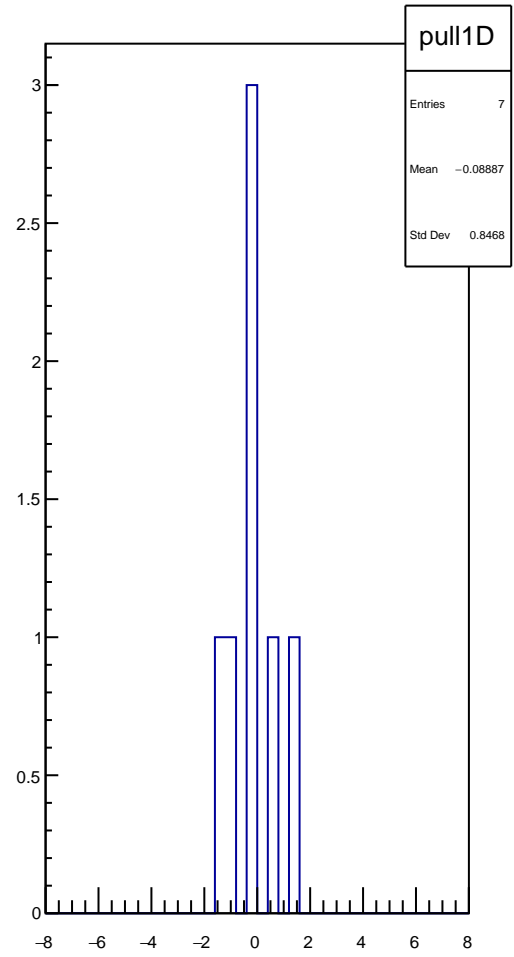
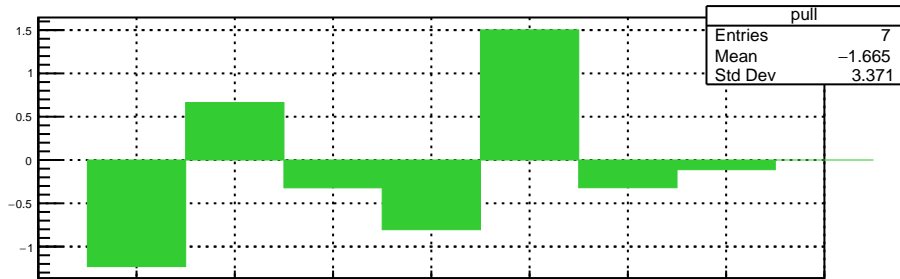
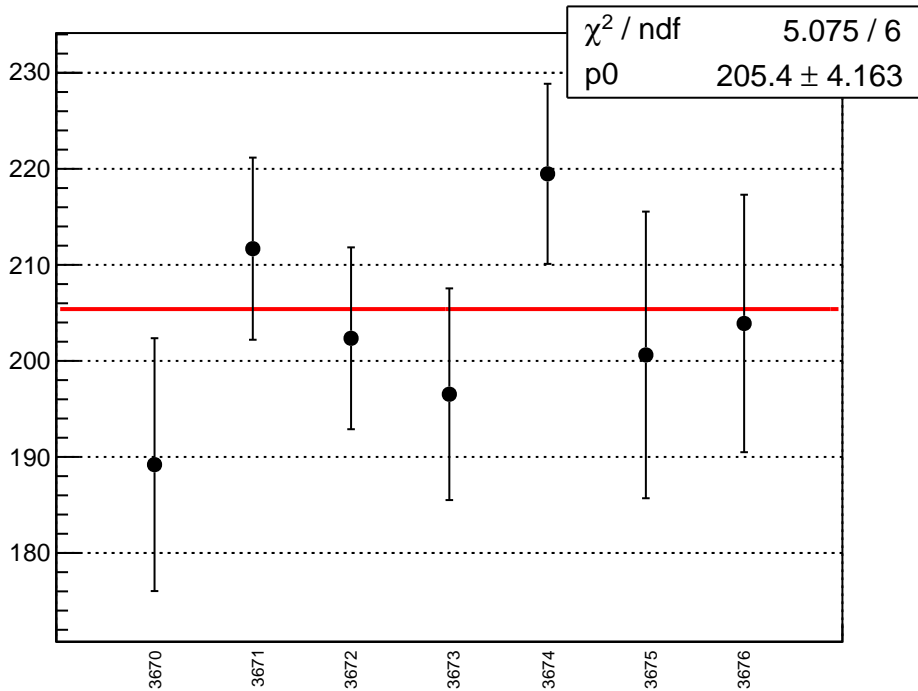
cor_asym_sam2_diff_bpm4aY_slope vs run



cor_asym_sam2_diff_bpm4eX_slope vs run

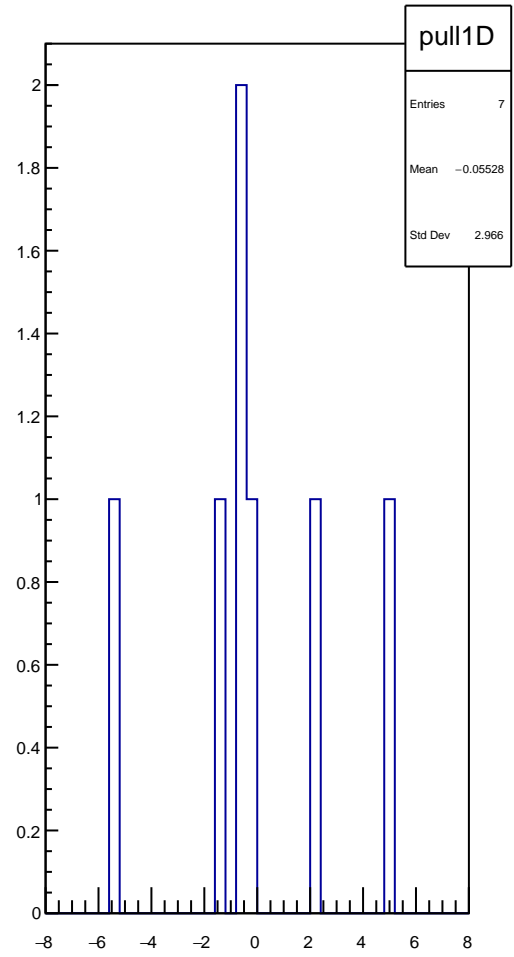
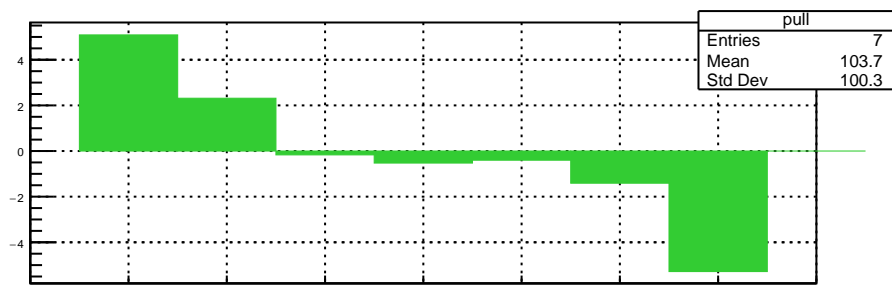
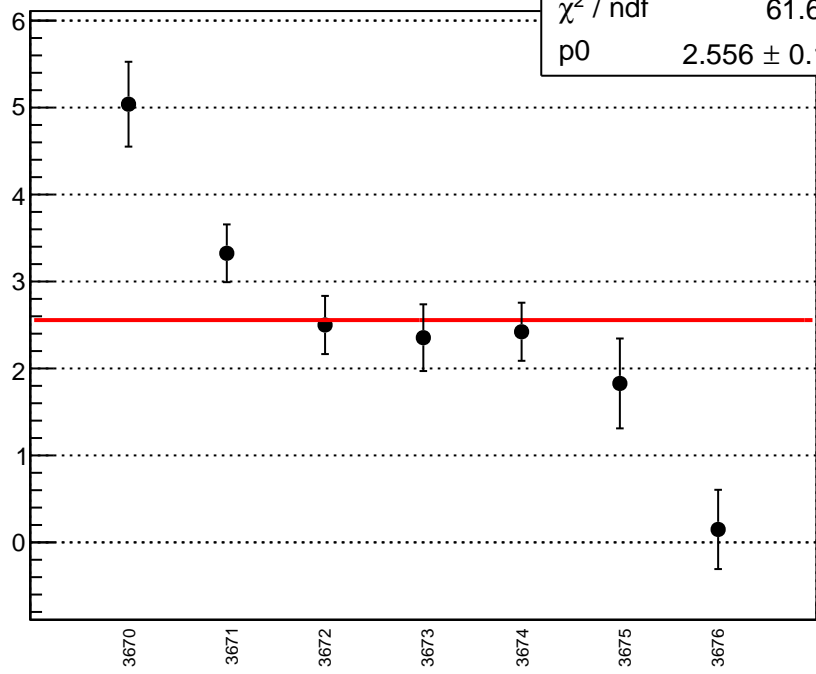


cor_asym_sam2_diff_bpm4eY_slope vs run

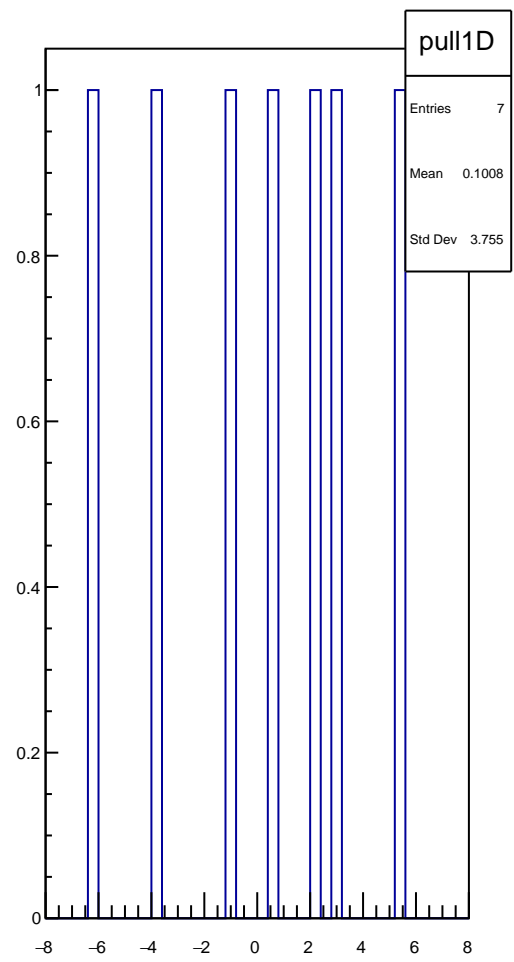
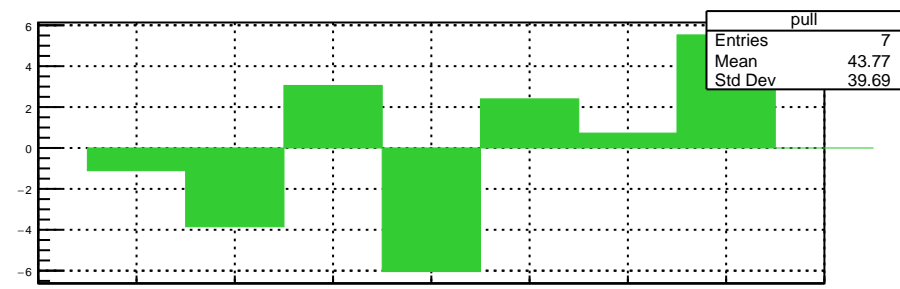
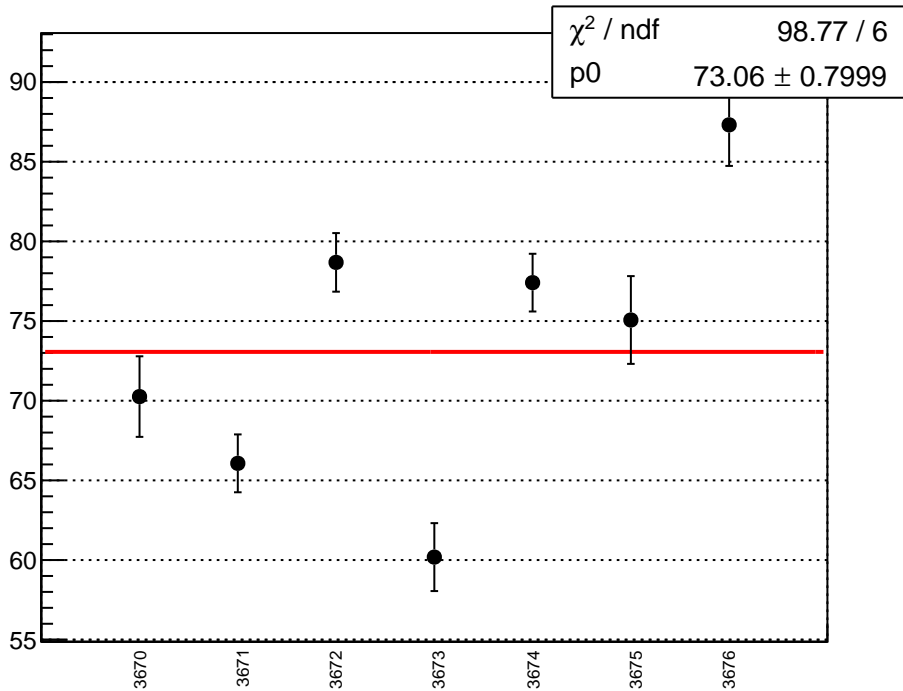


cor_asym_sam3_diff_bpm11X_slope vs run

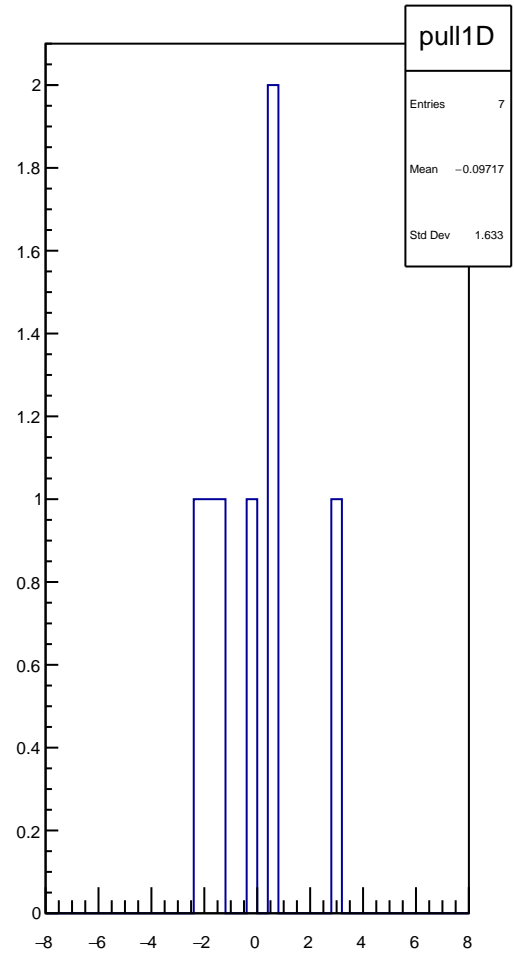
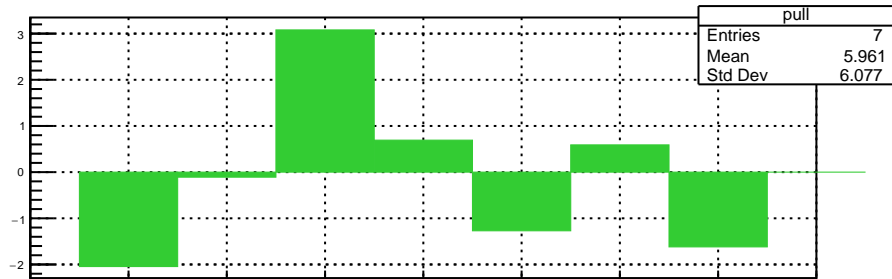
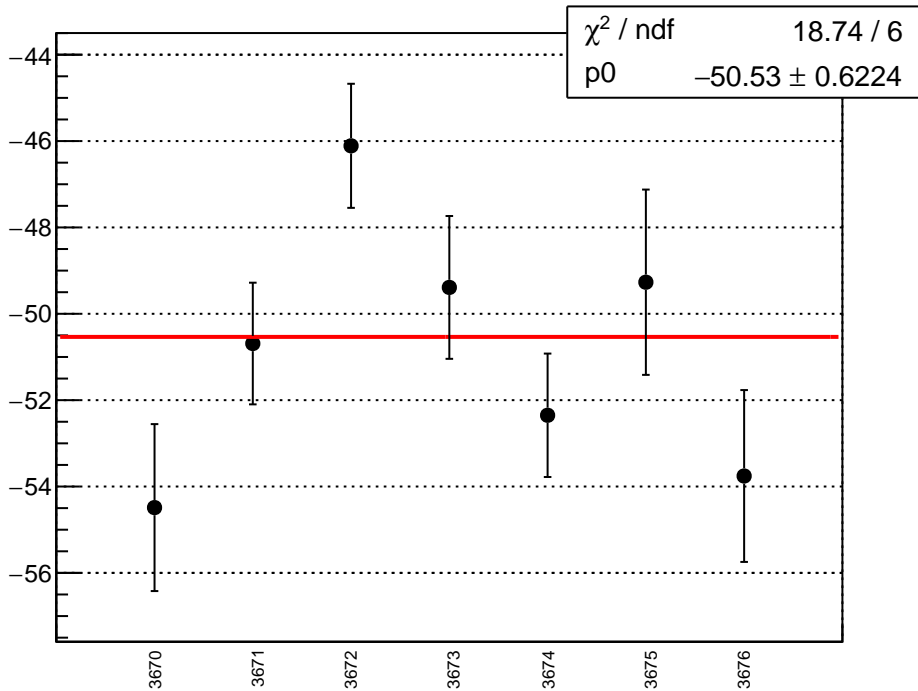
χ^2 / ndf	61.61 / 6
p0	2.556 ± 0.1466



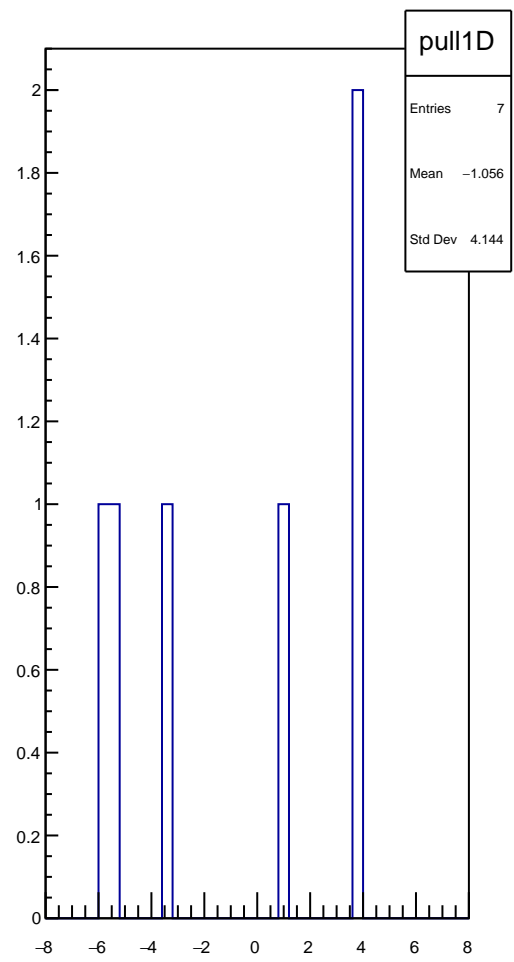
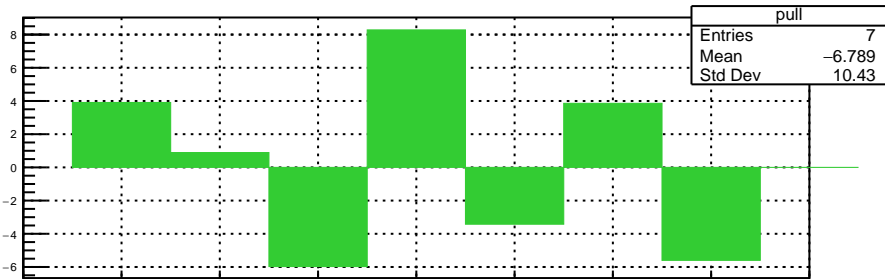
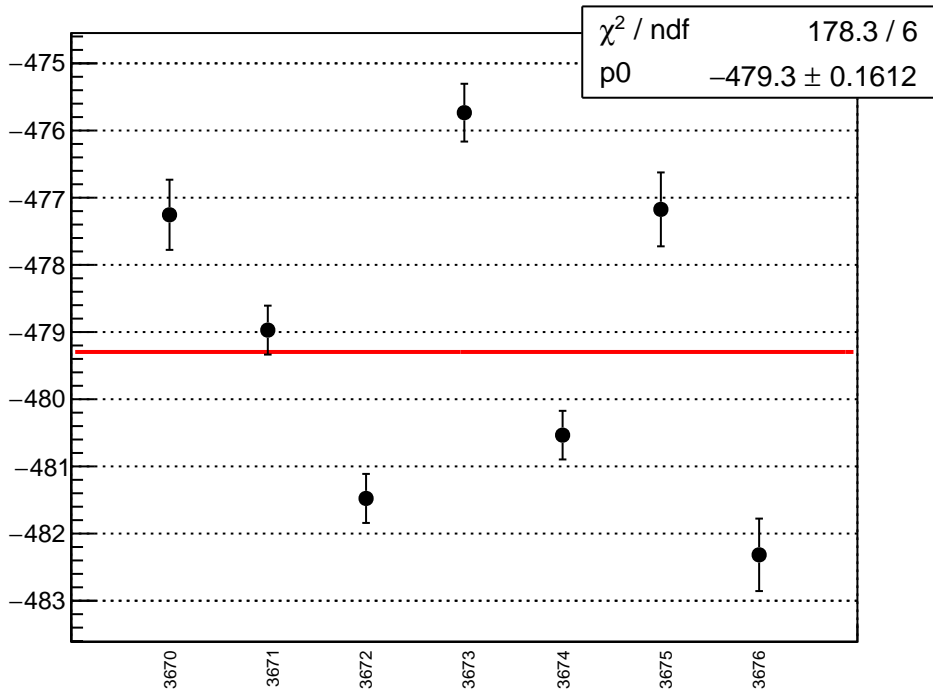
cor_asym_sam3_diff_bpm4aX_slope vs run



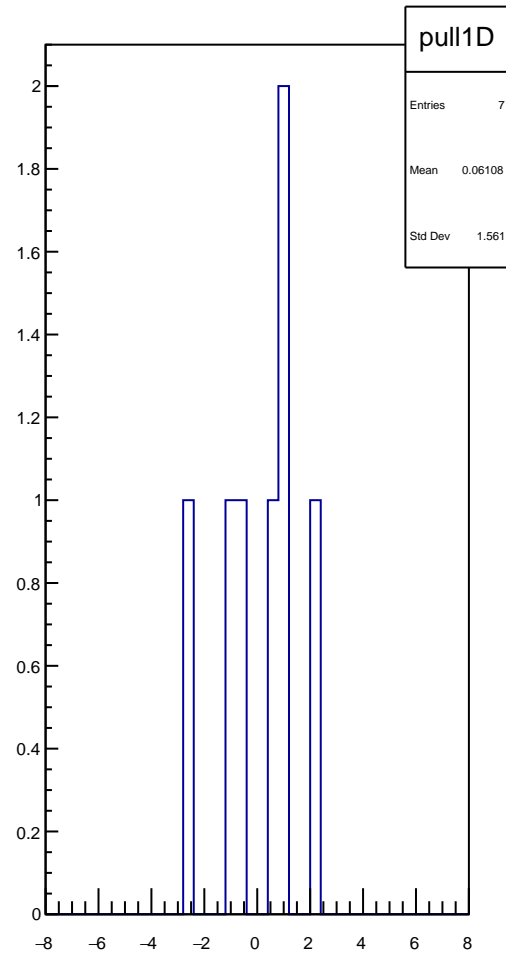
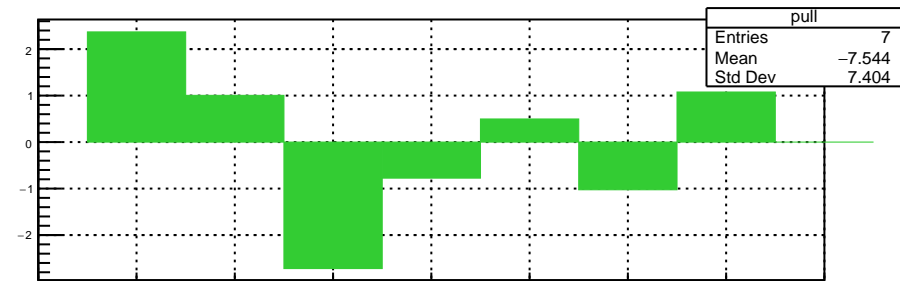
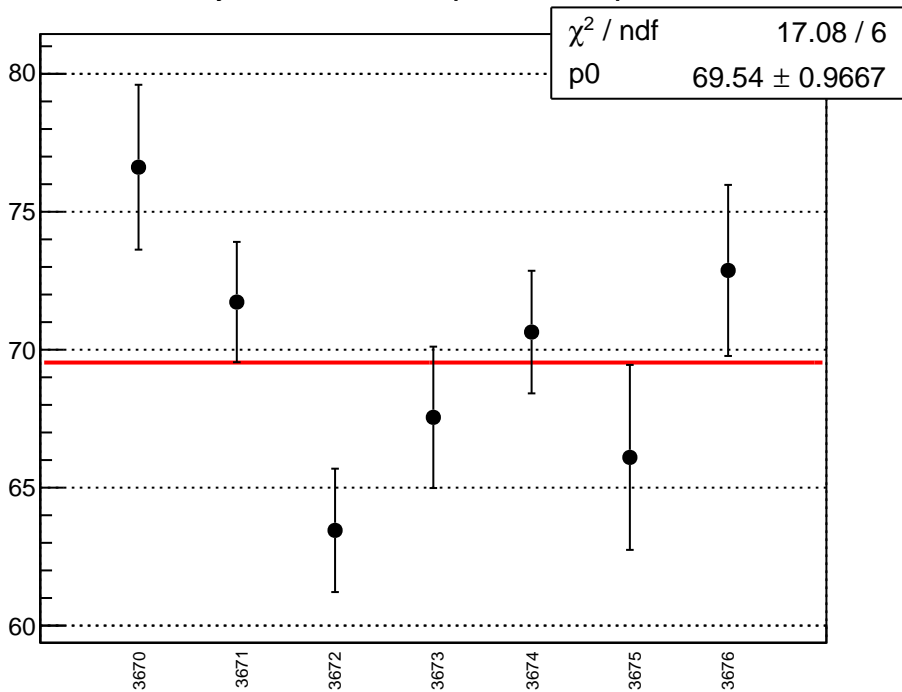
cor_asym_sam3_diff_bpm4aY_slope vs run



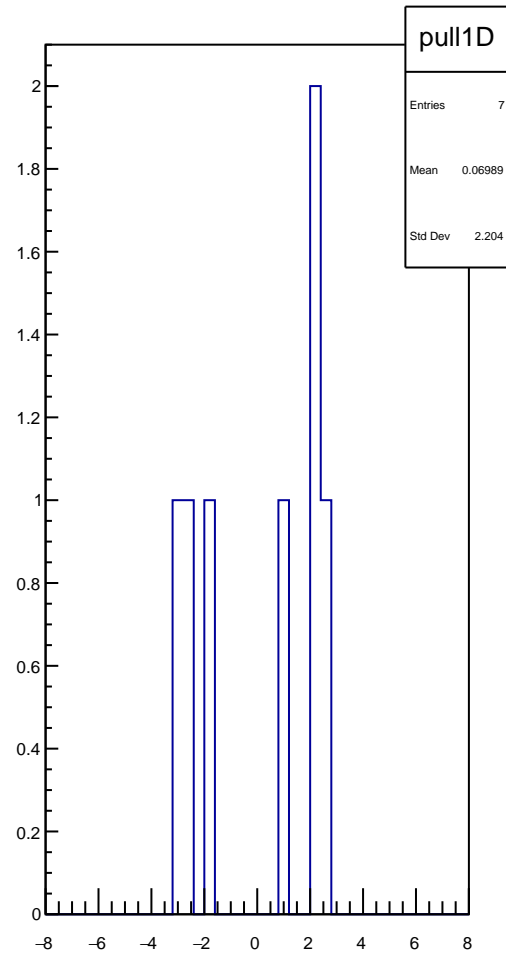
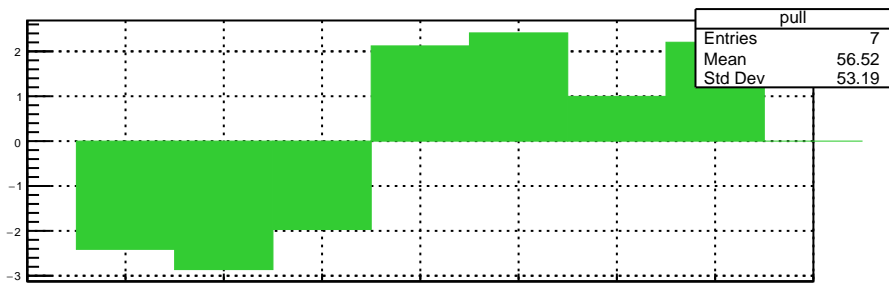
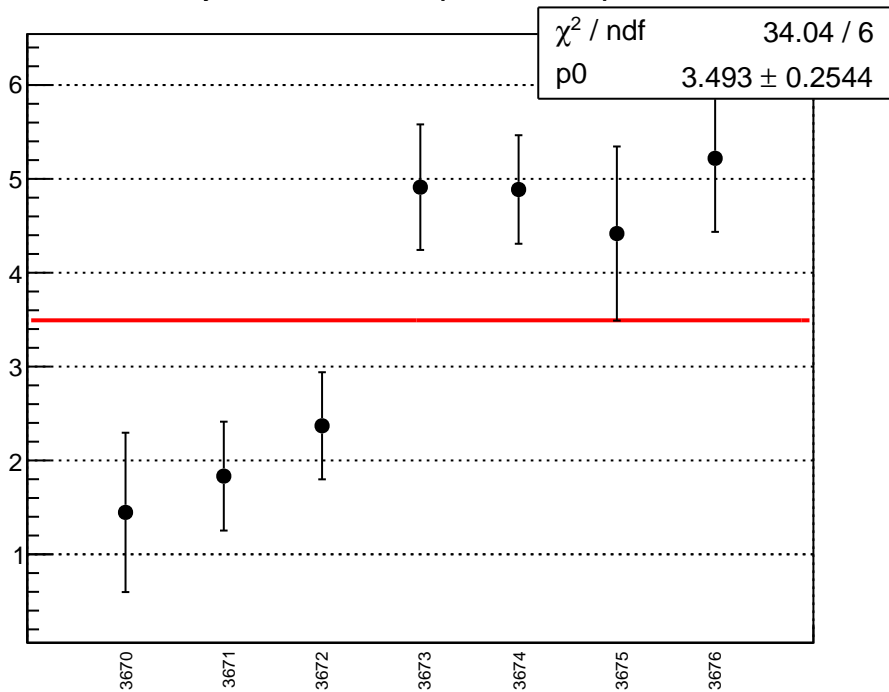
cor_asym_sam3_diff_bpm4eX_slope vs run



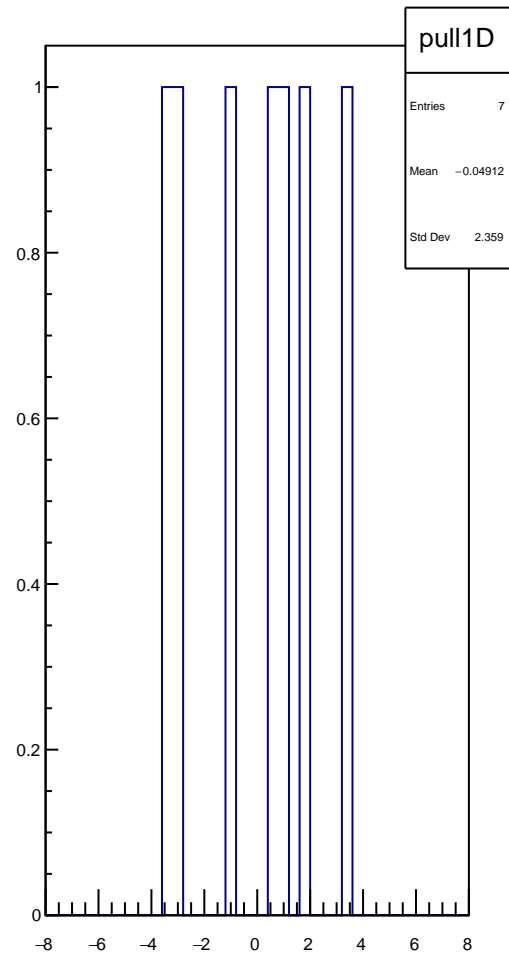
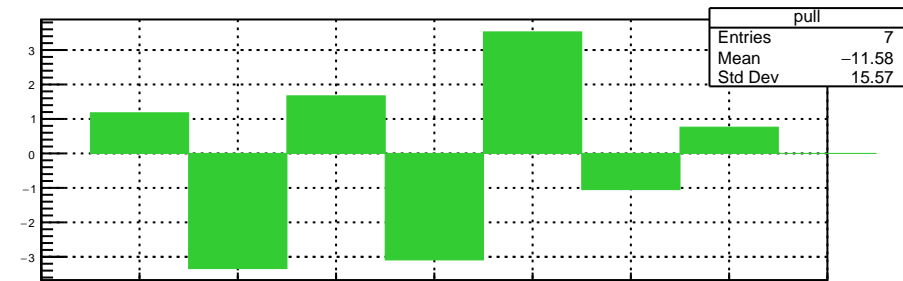
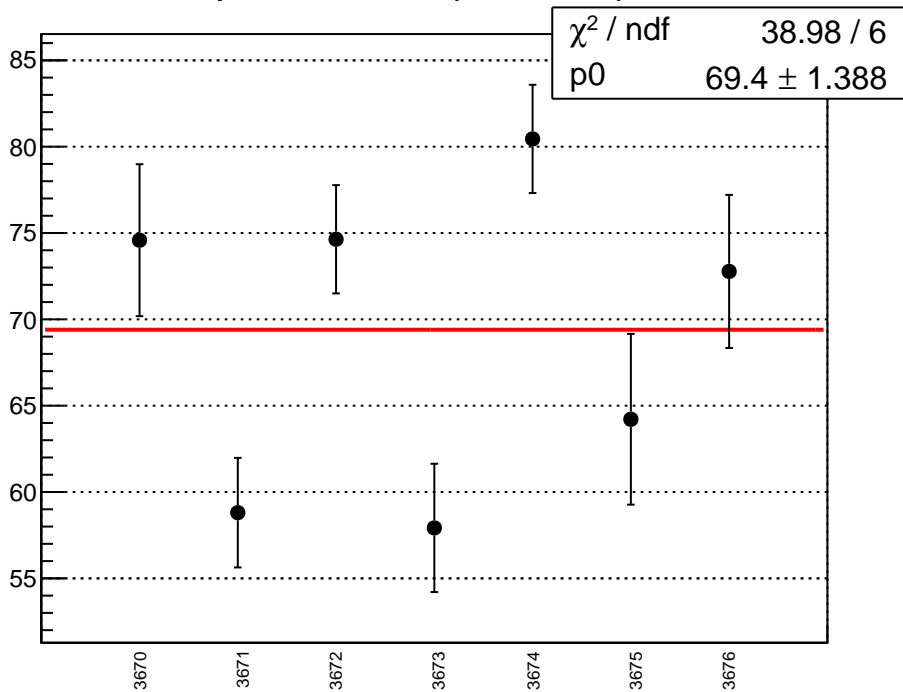
cor_asym_sam3_diff_bpm4eY_slope vs run



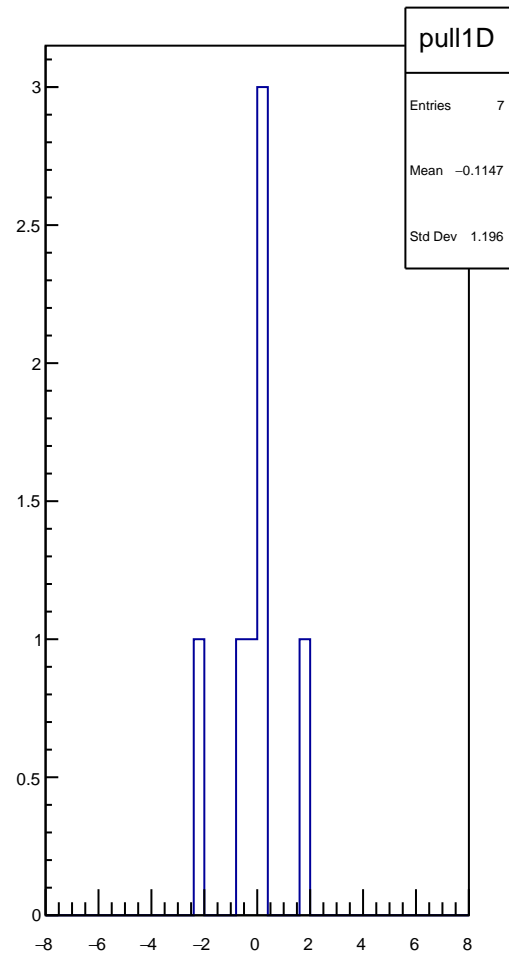
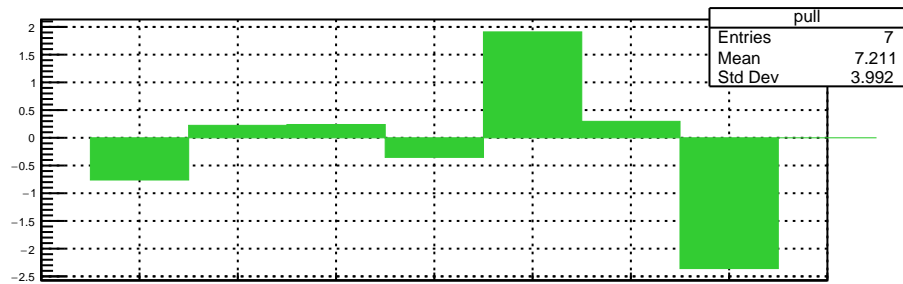
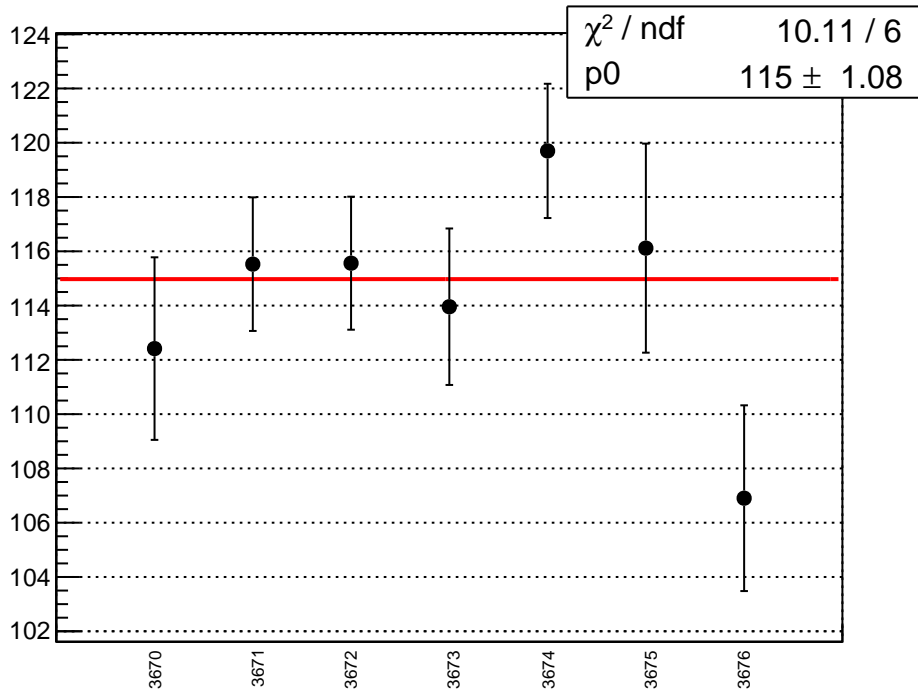
cor_asym_sam4_diff_bpm11X_slope vs run



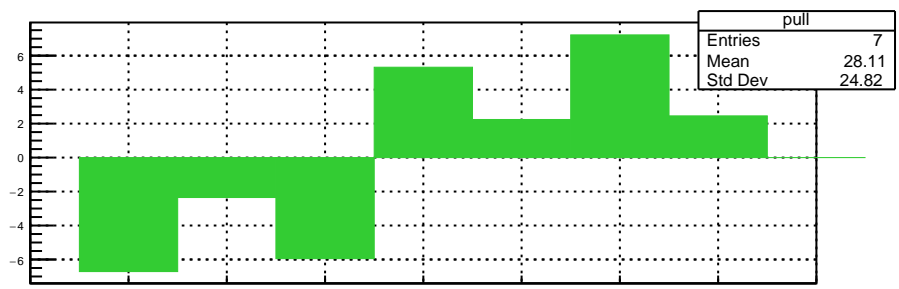
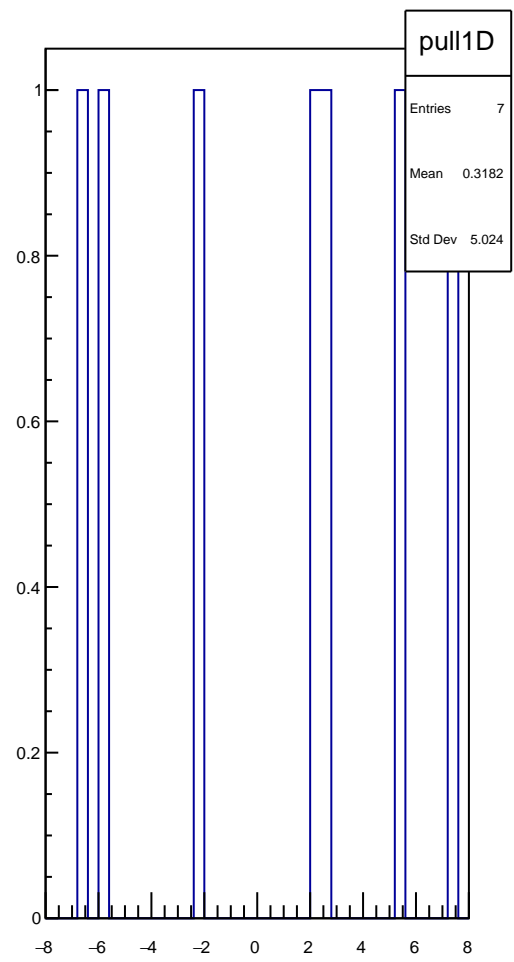
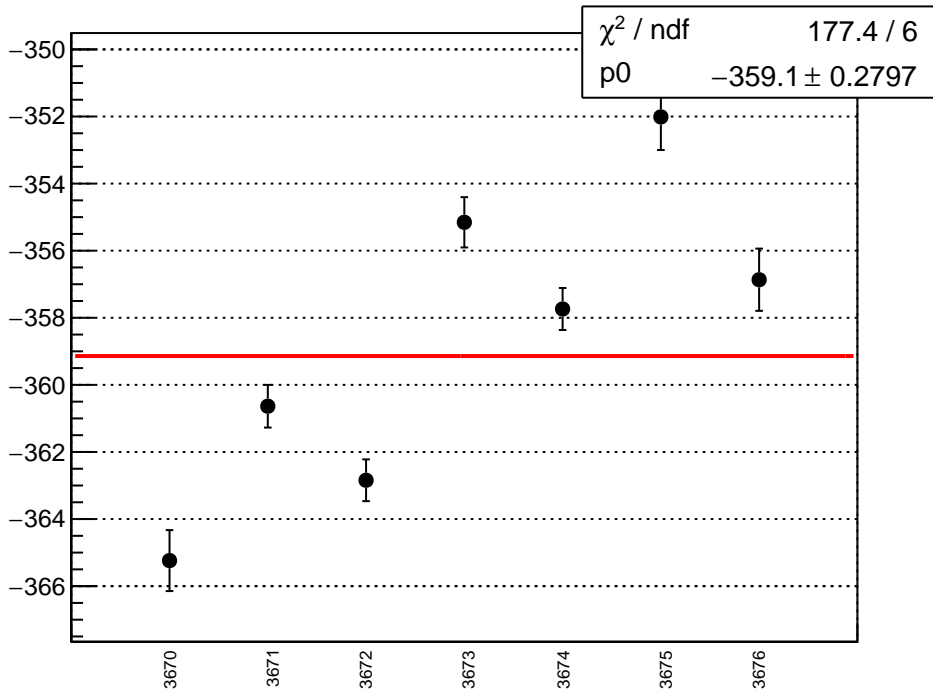
cor_asym_sam4_diff_bpm4aX_slope vs run



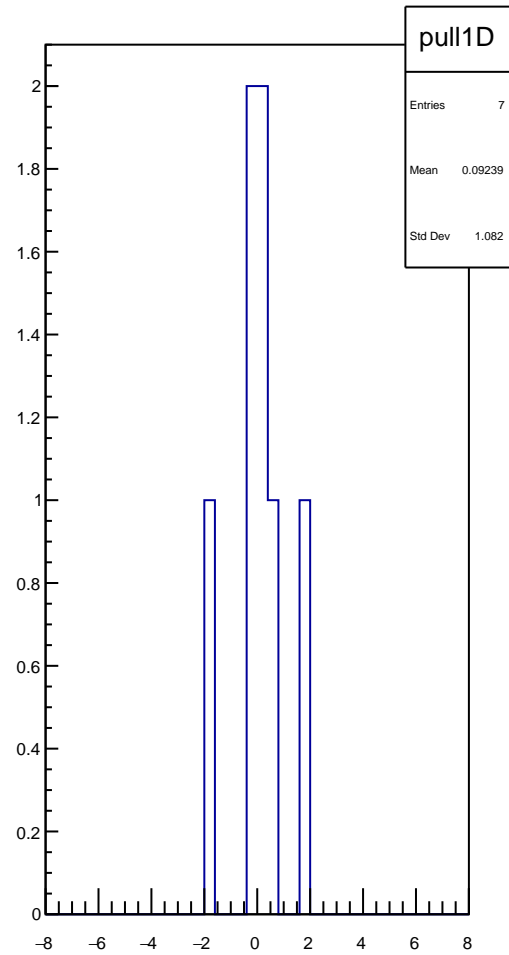
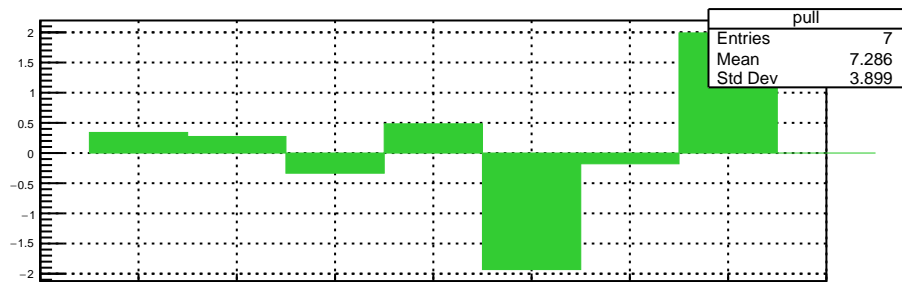
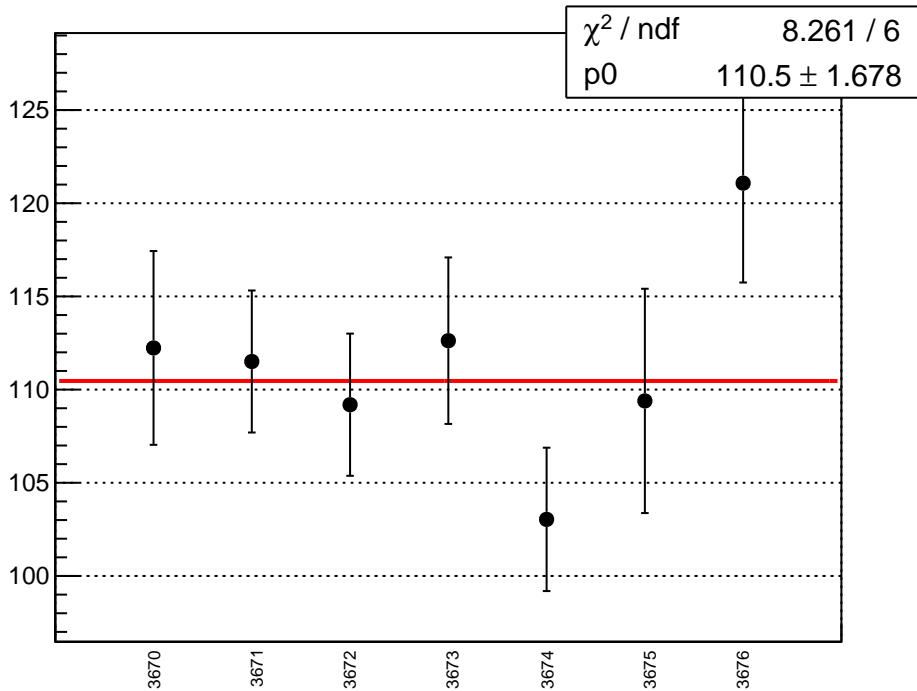
cor_asym_sam4_diff_bpm4aY_slope vs run



cor_asym_sam4_diff_bpm4eX_slope vs run

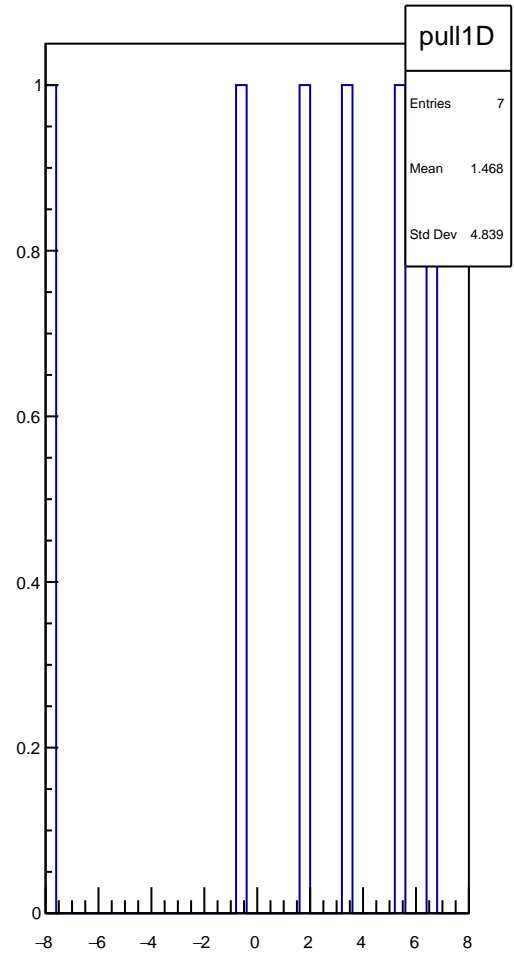
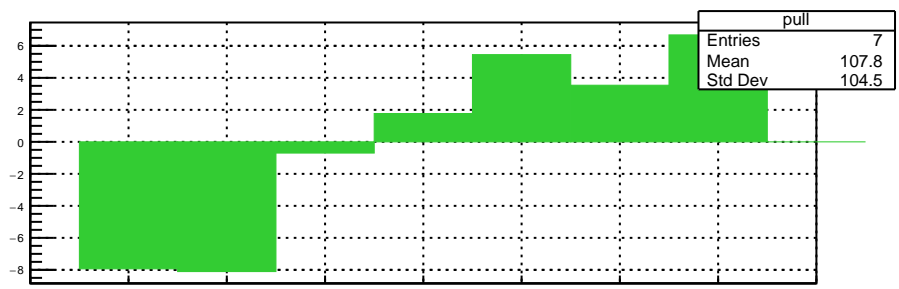
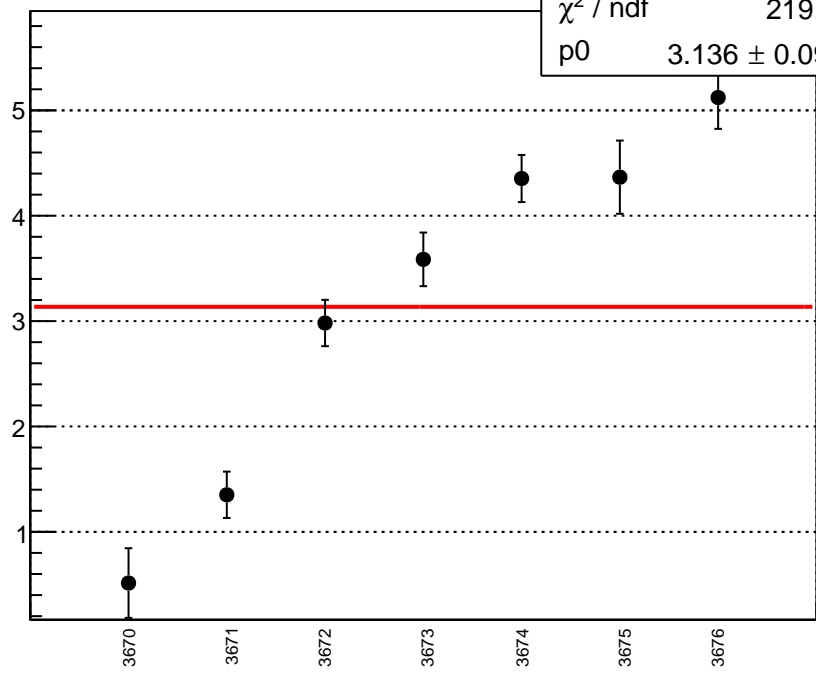


cor_asym_sam4_diff_bpm4eY_slope vs run

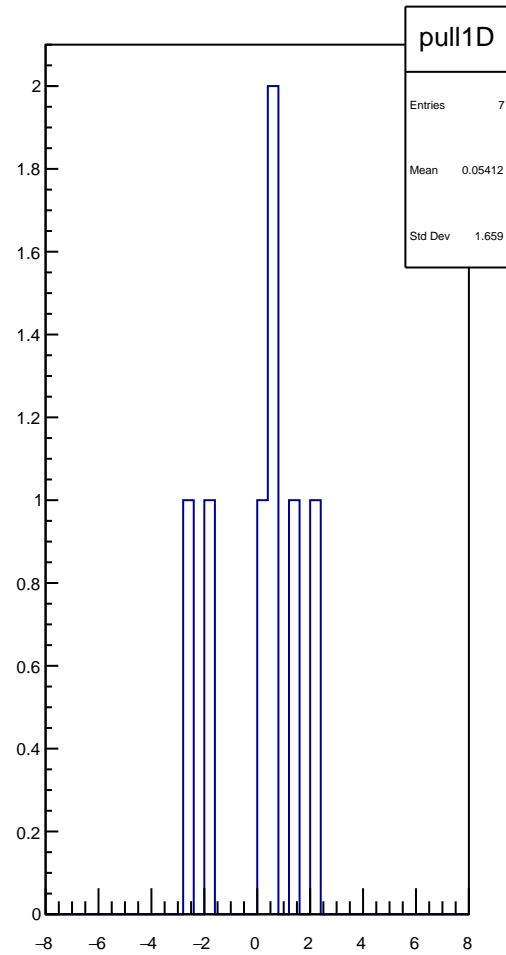
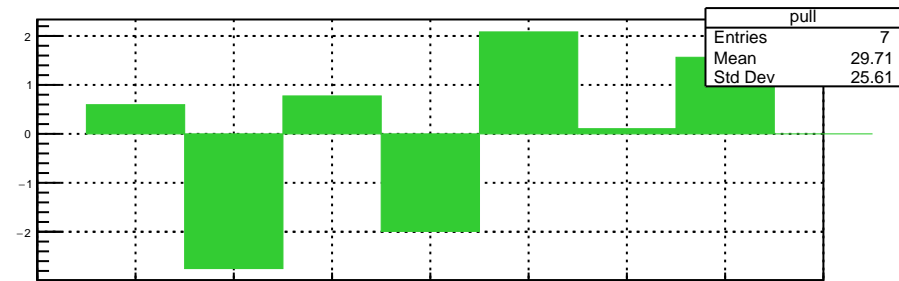
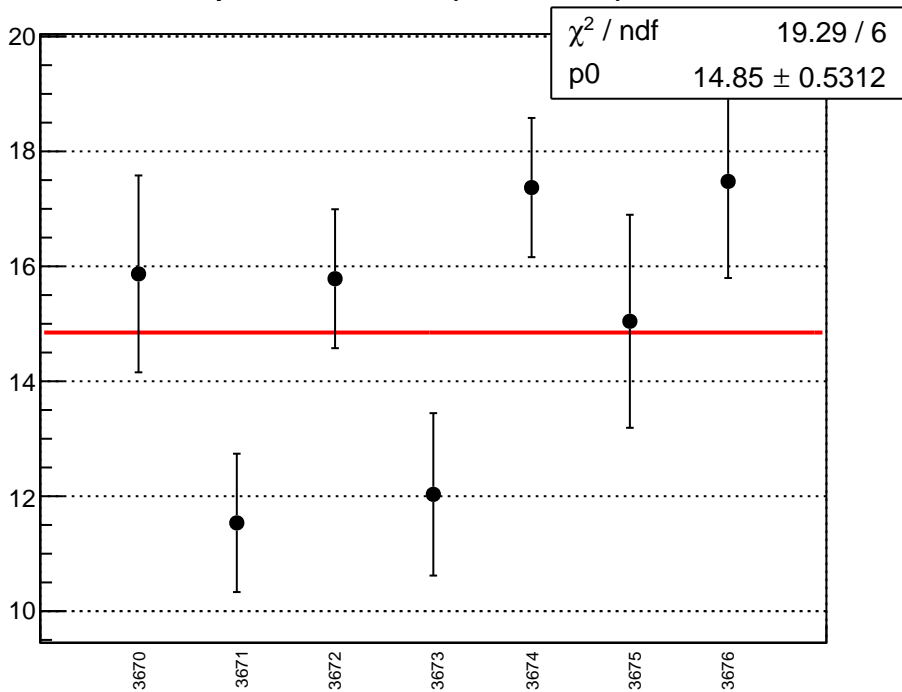


cor_asym_sam5_diff_bpm11X_slope vs run

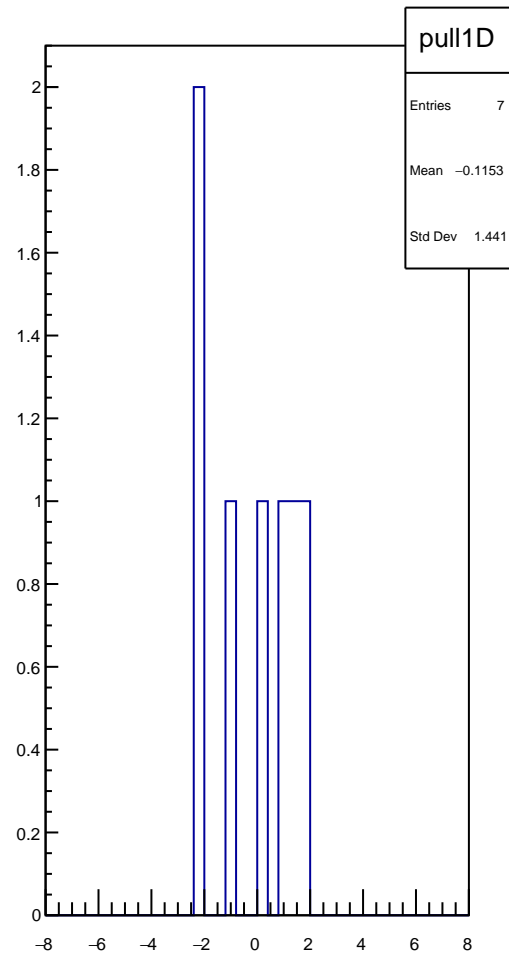
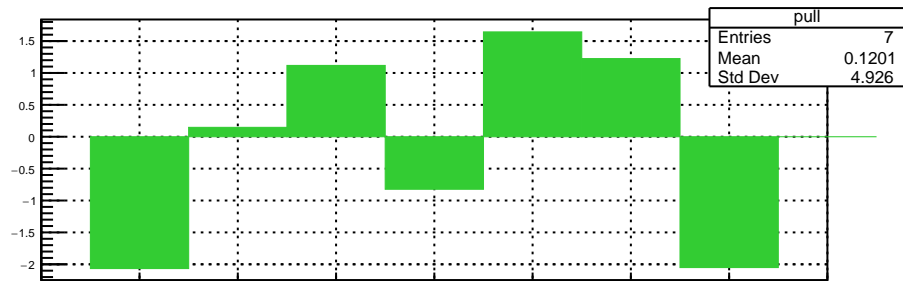
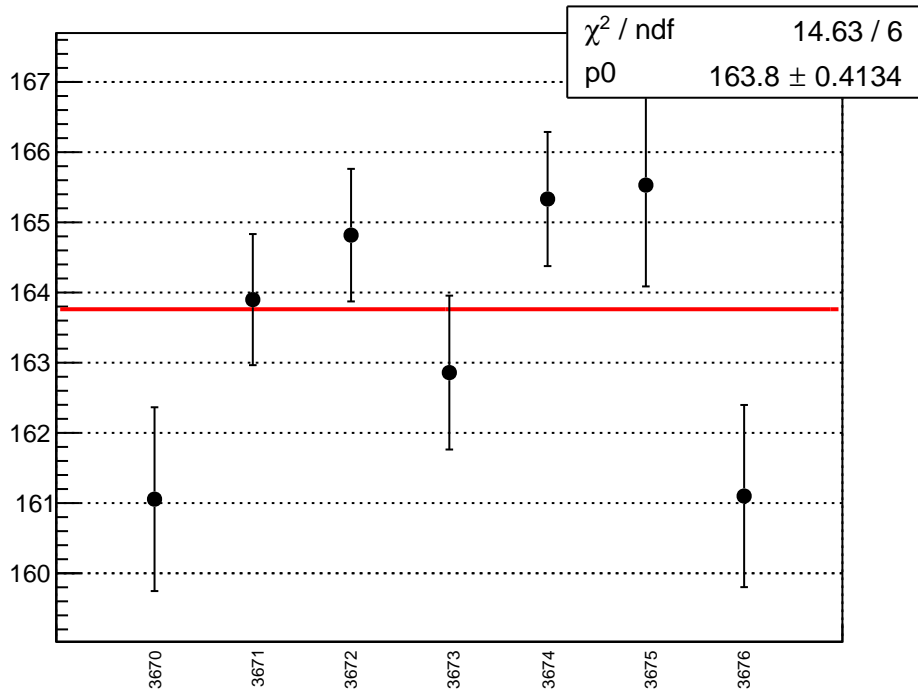
χ^2 / ndf 219.1 / 6
 p0 3.136 ± 0.09732



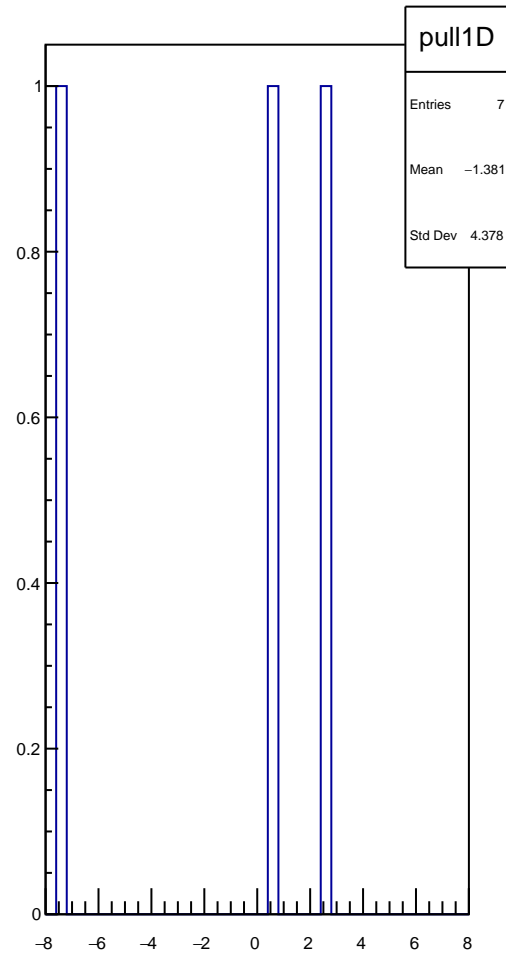
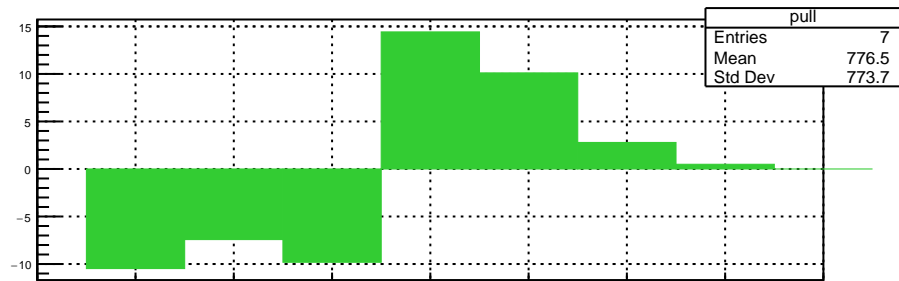
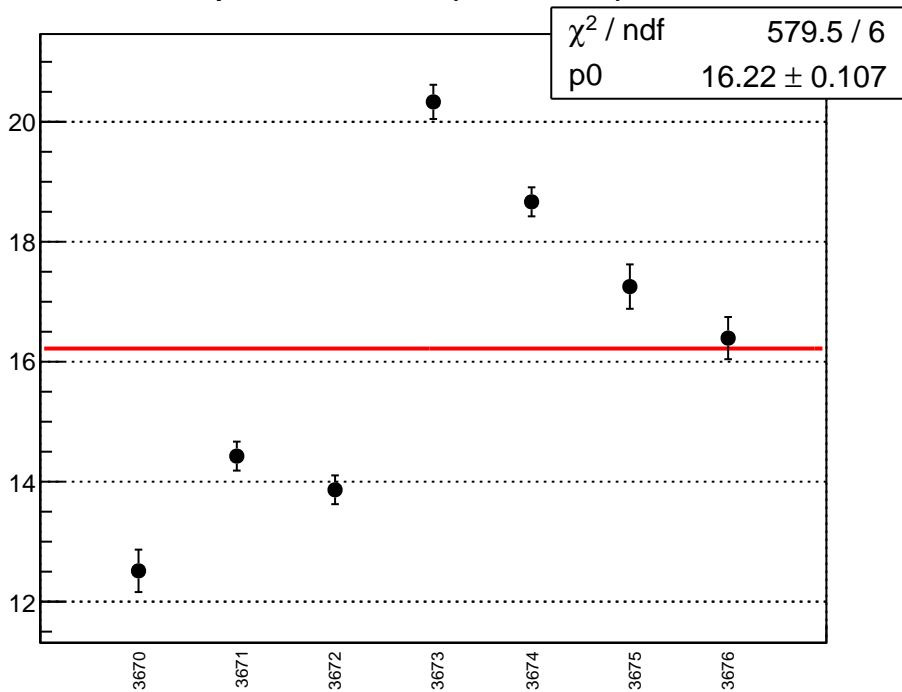
cor_asym_sam5_diff_bpm4aX_slope vs run



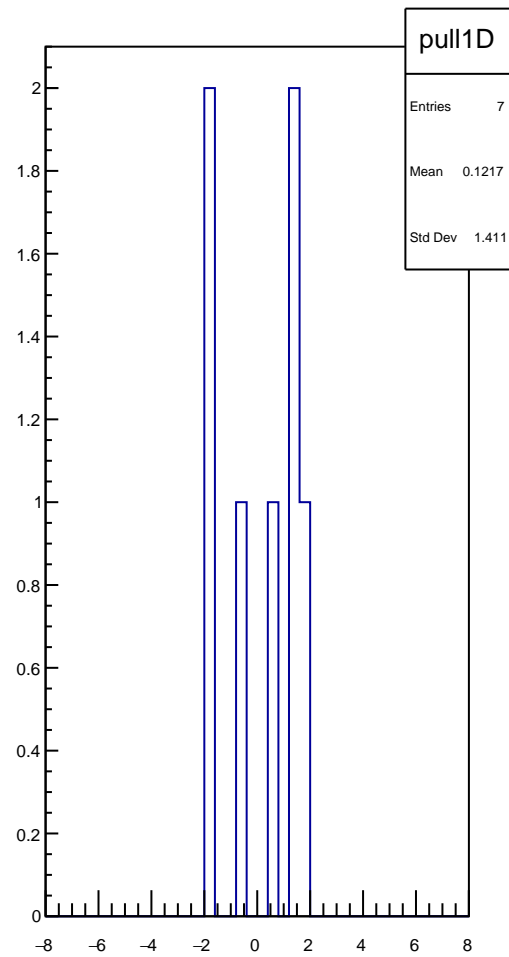
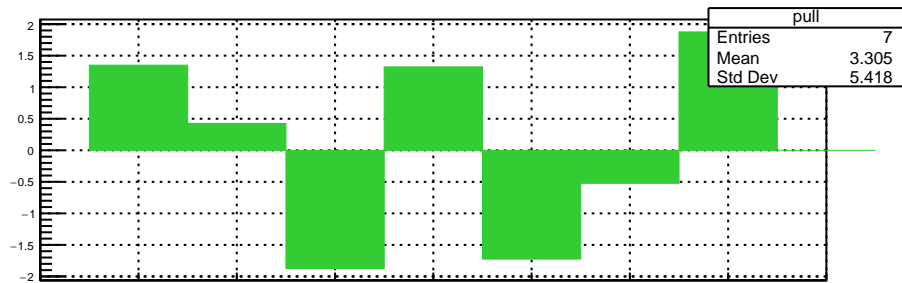
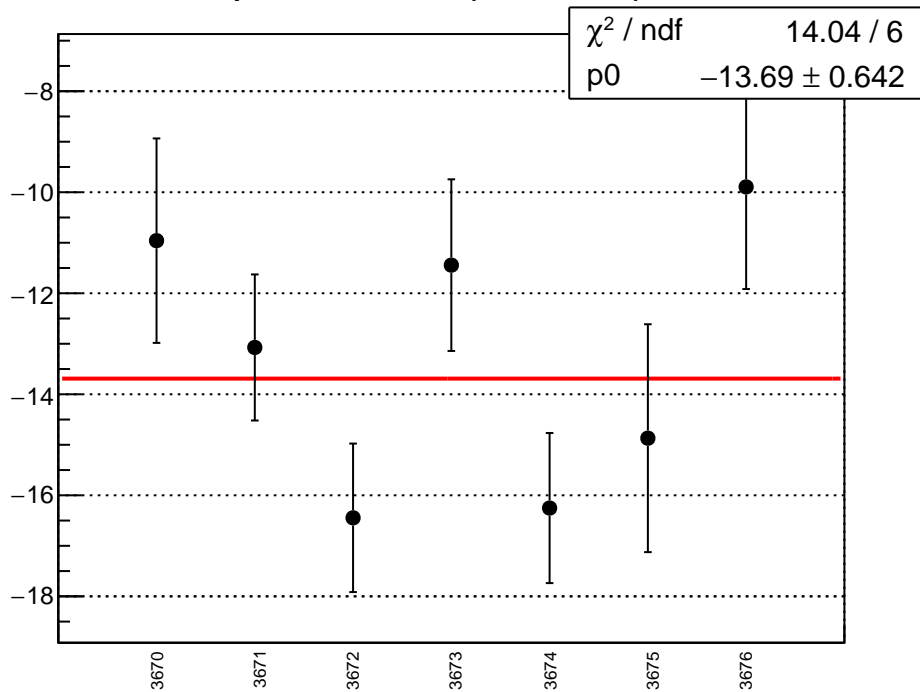
cor_asym_sam5_diff_bpm4aY_slope vs run



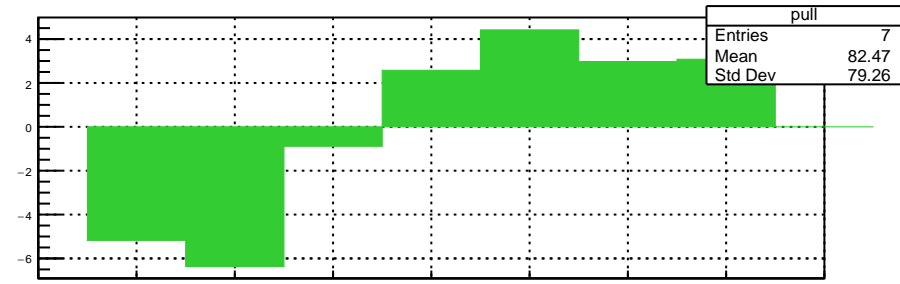
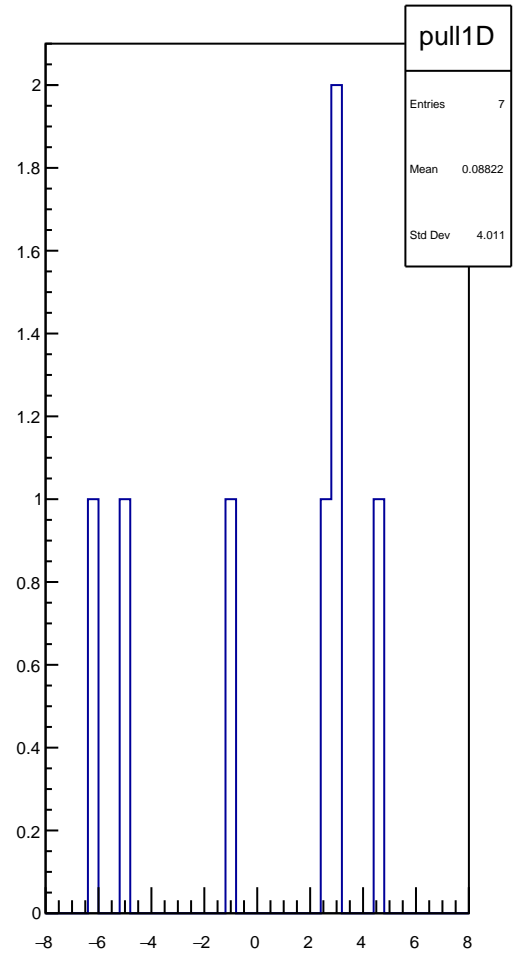
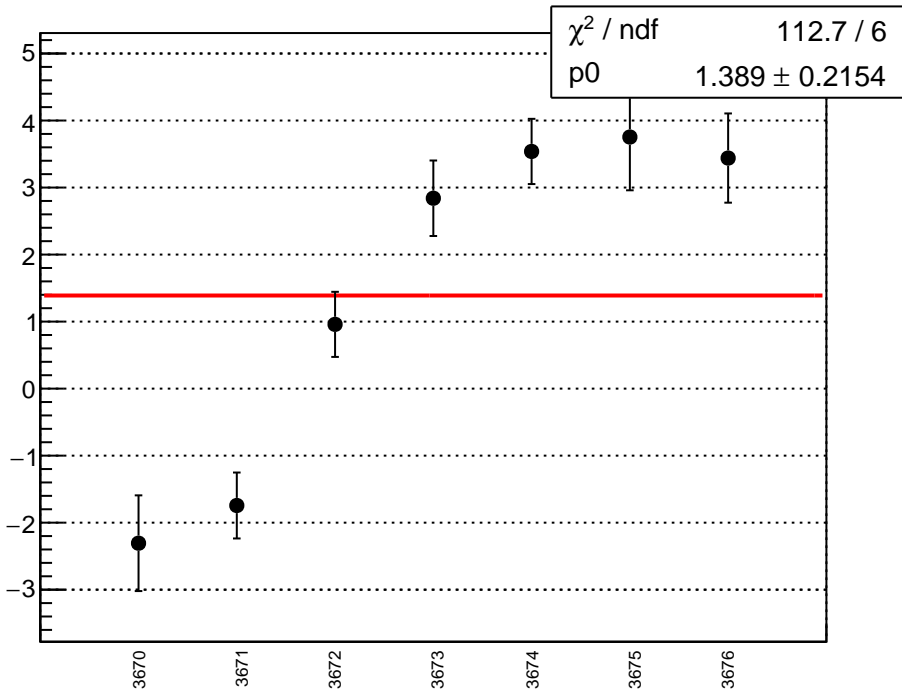
cor_asym_sam5_diff_bpm4eX_slope vs run



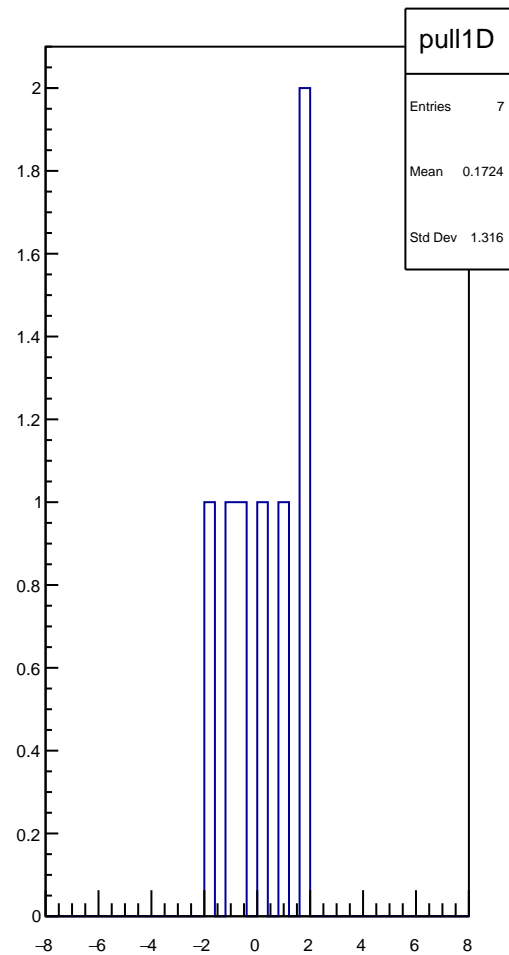
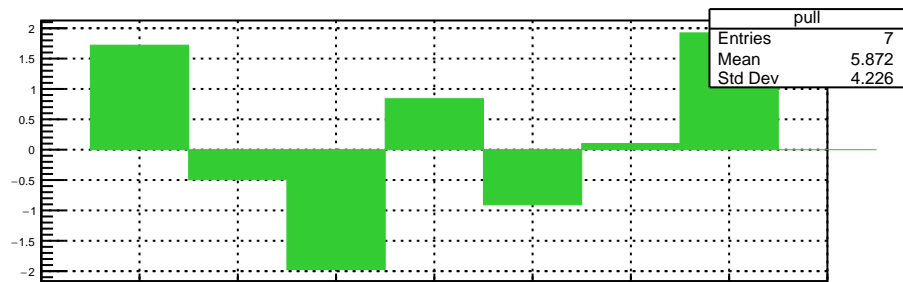
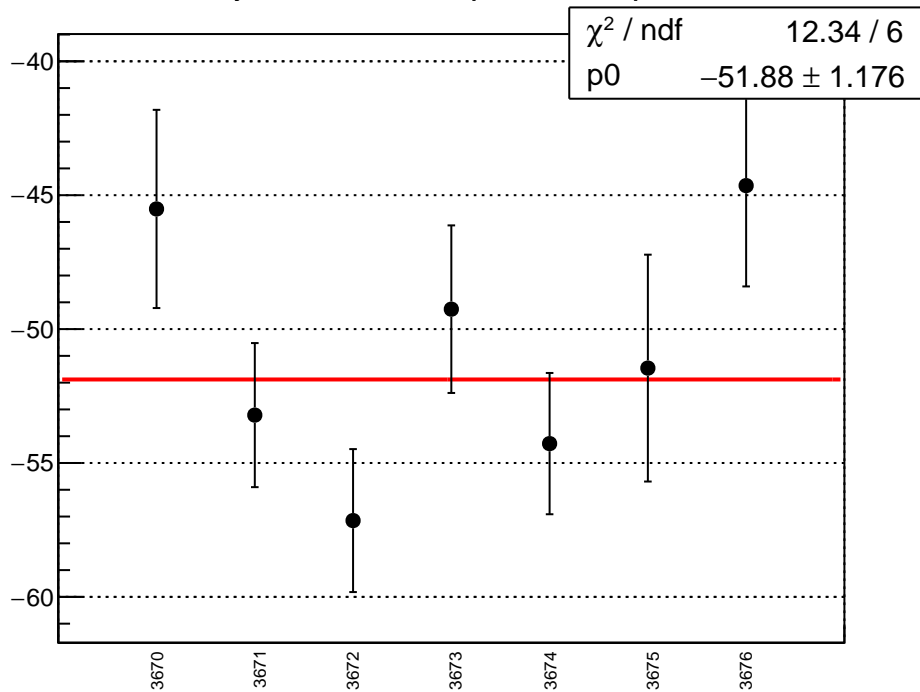
cor_asym_sam5_diff_bpm4eY_slope vs run



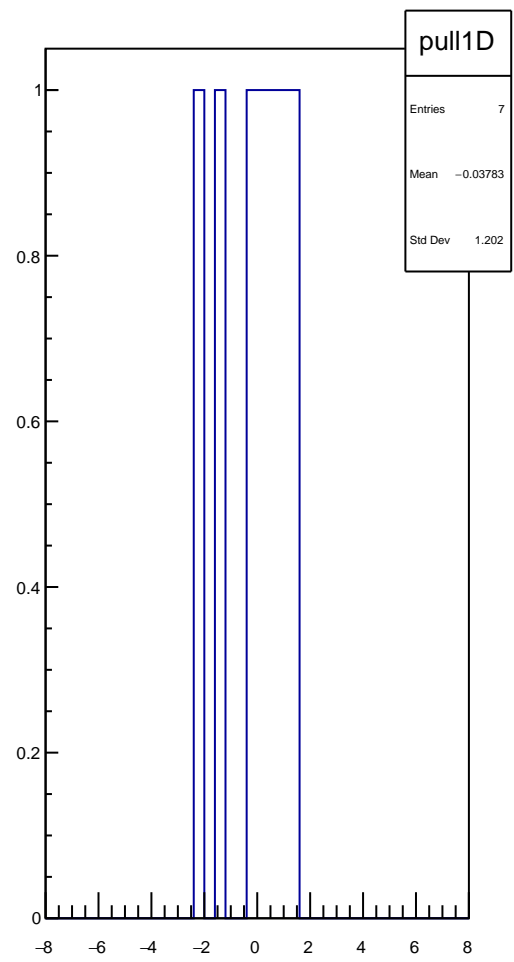
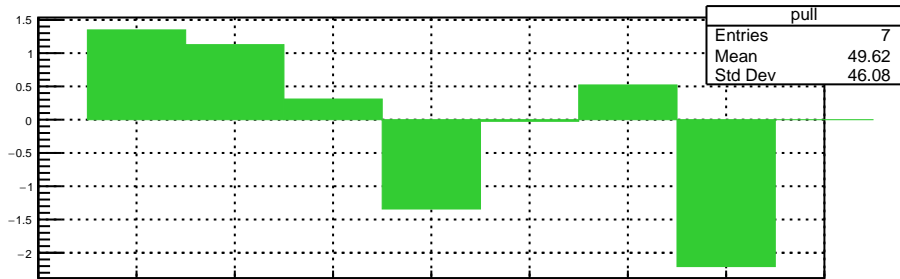
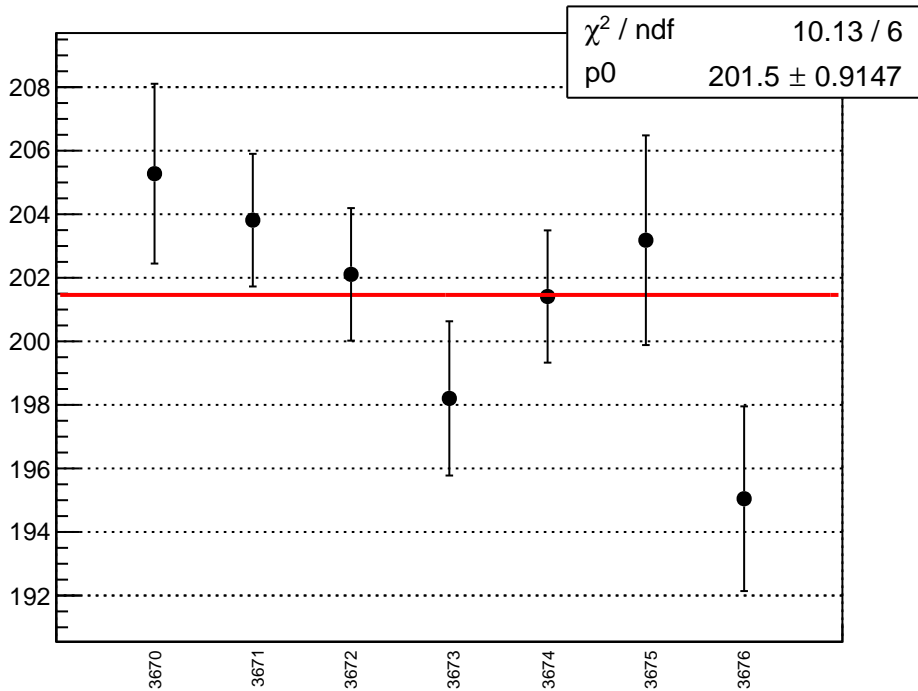
cor_asym_sam6_diff_bpm11X_slope vs run



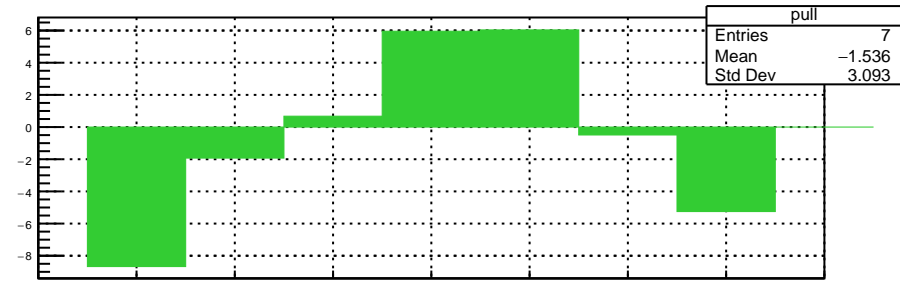
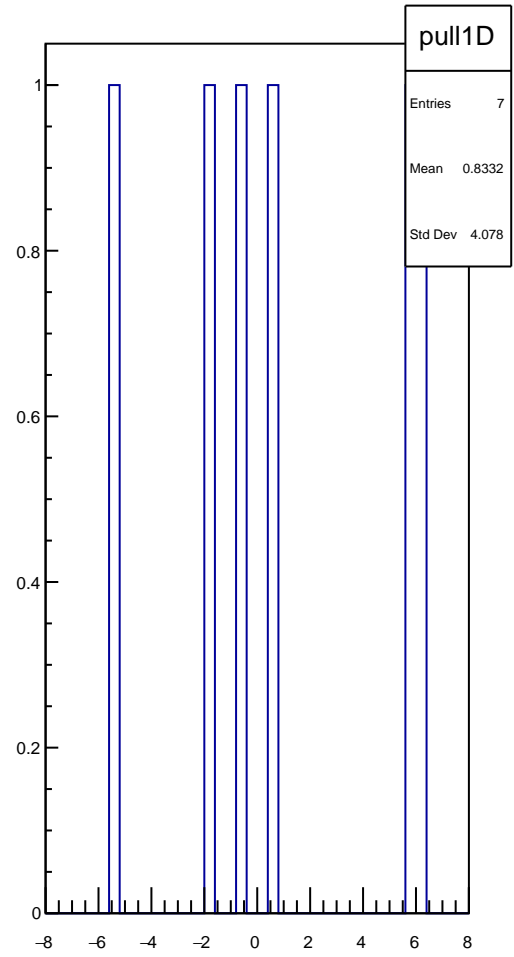
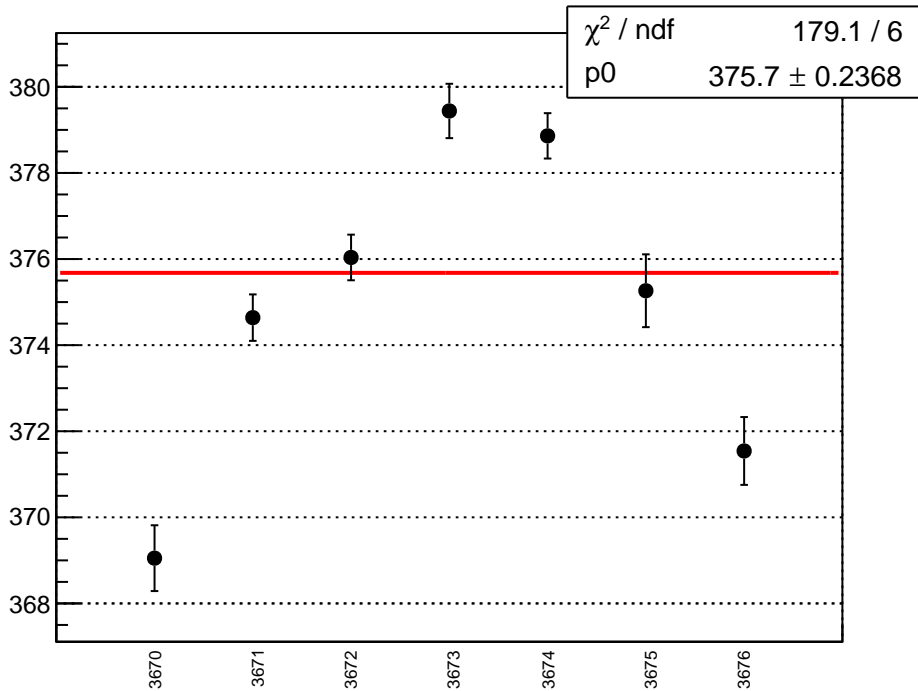
cor_asym_sam6_diff_bpm4aX_slope vs run



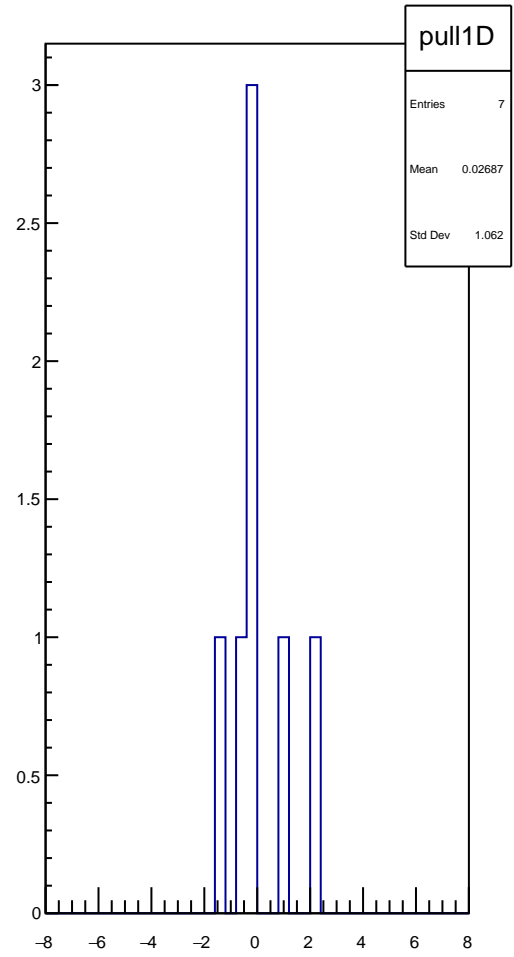
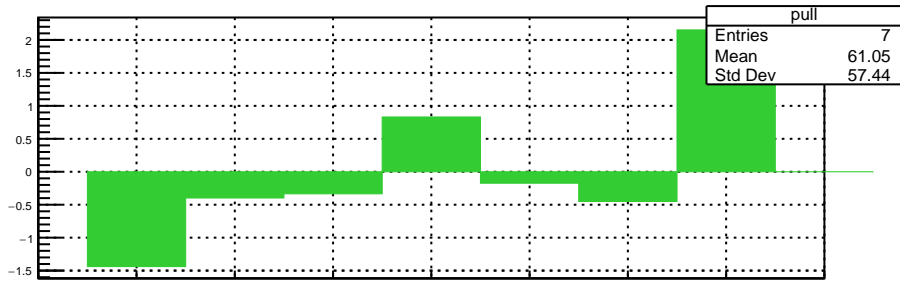
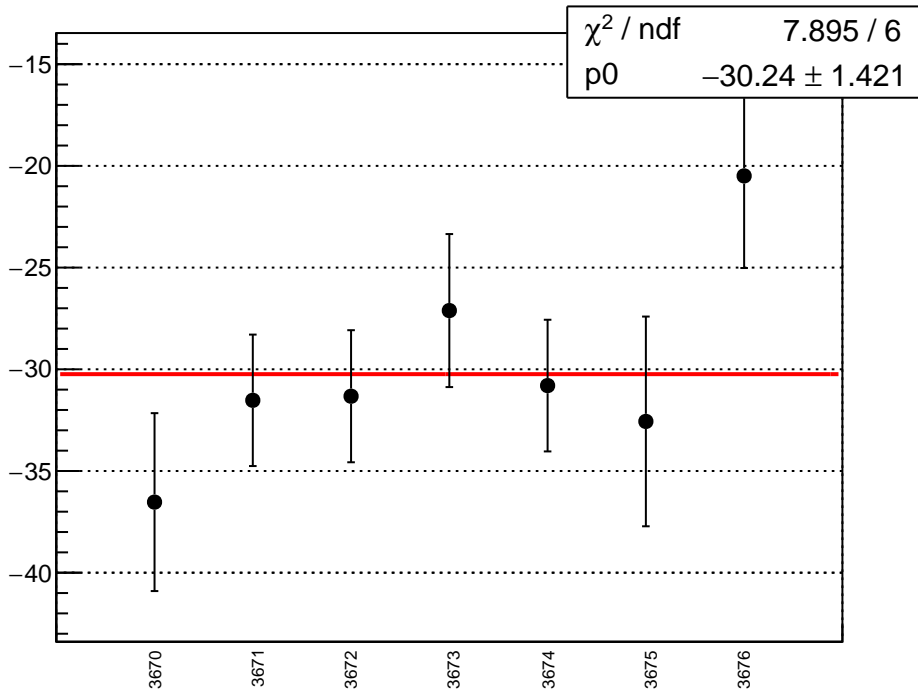
cor_asym_sam6_diff_bpm4aY_slope vs run



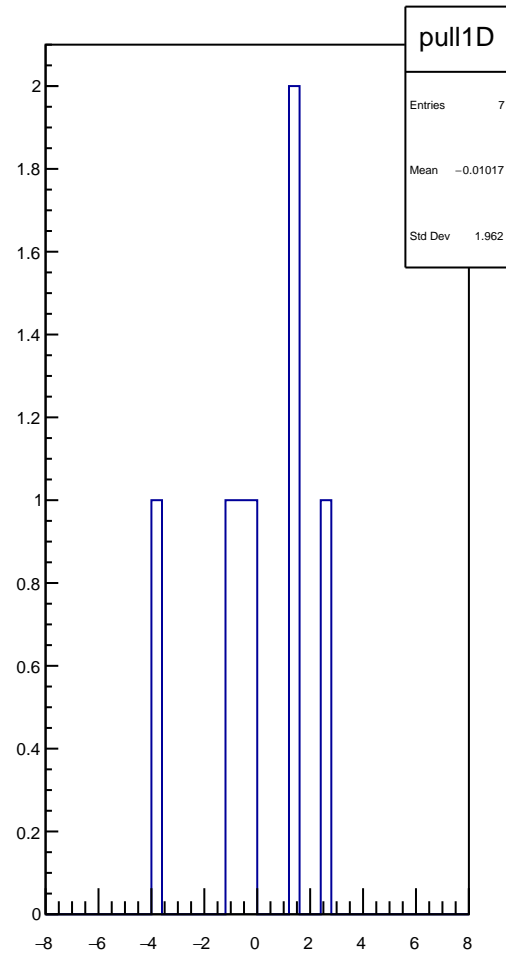
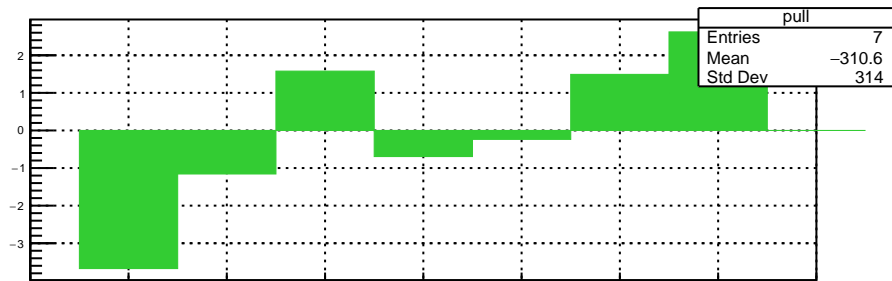
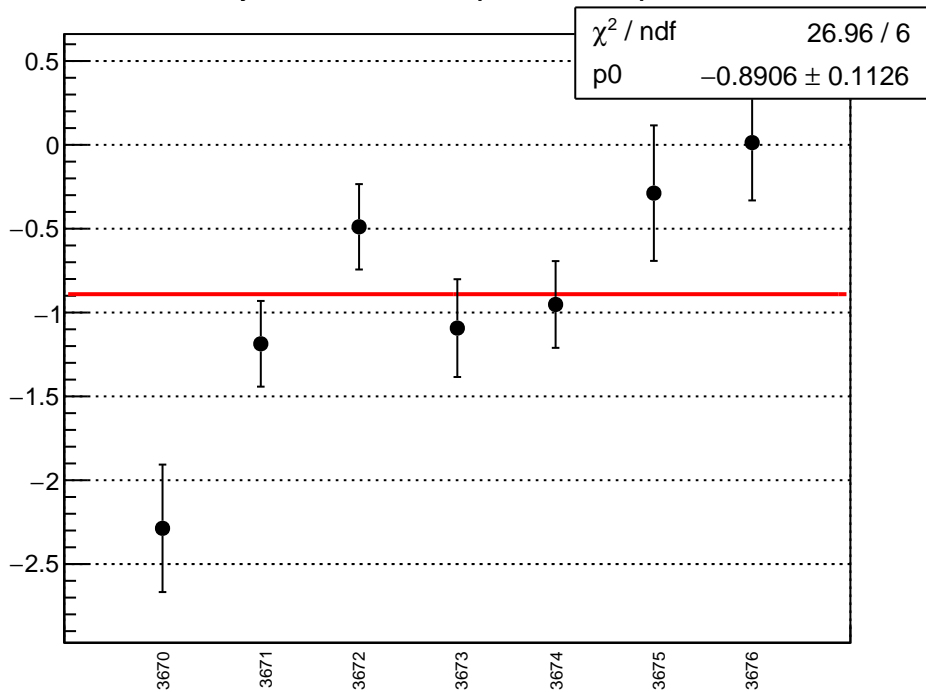
cor_asym_sam6_diff_bpm4eX_slope vs run



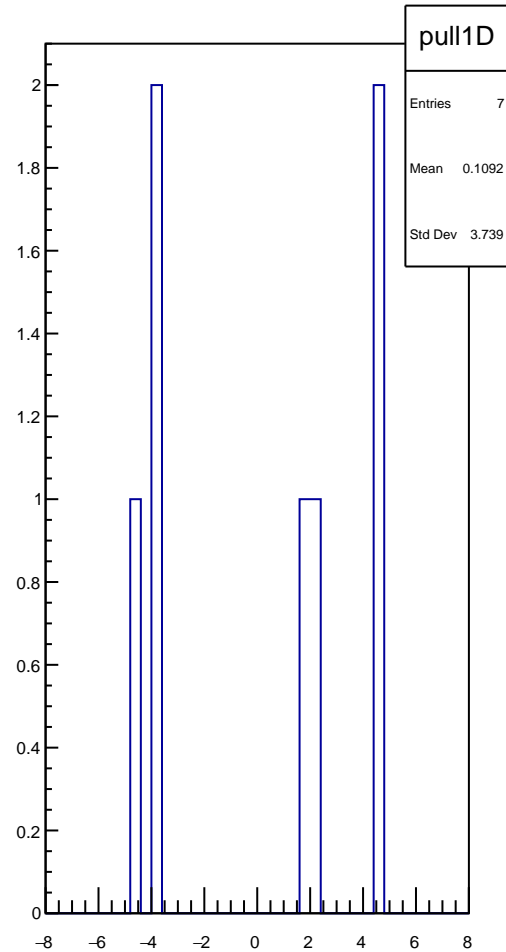
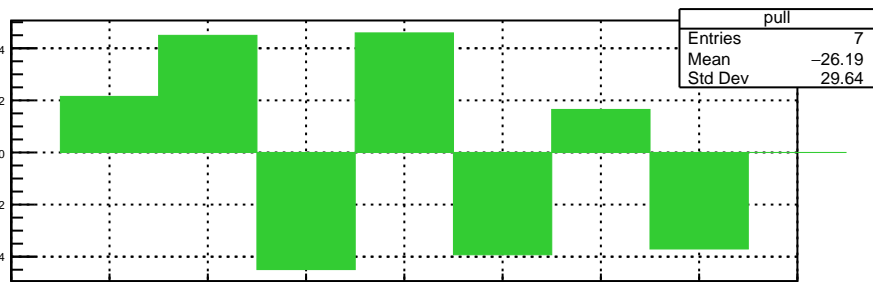
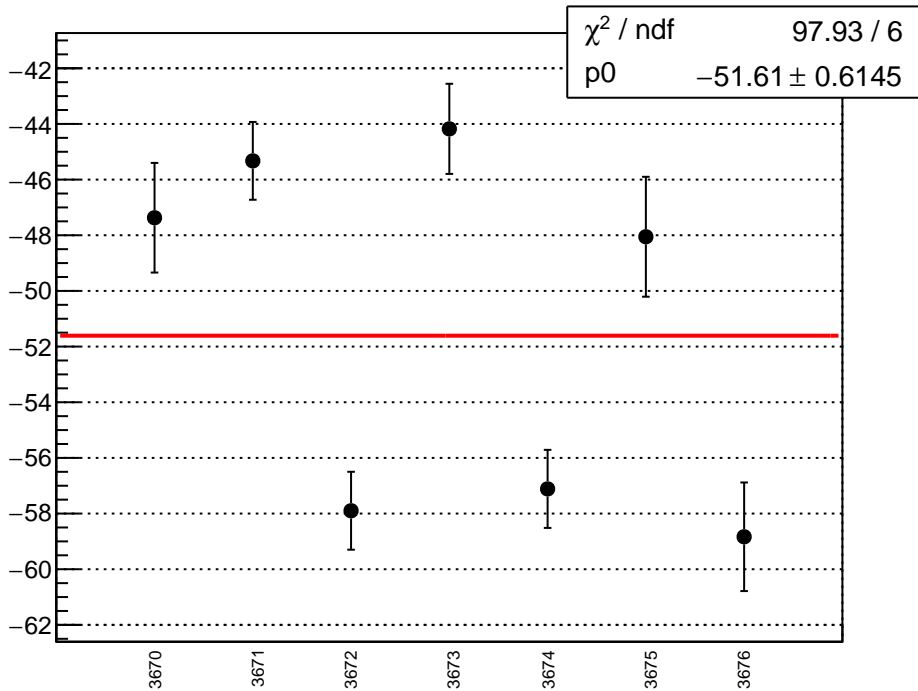
cor_asym_sam6_diff_bpm4eY_slope vs run



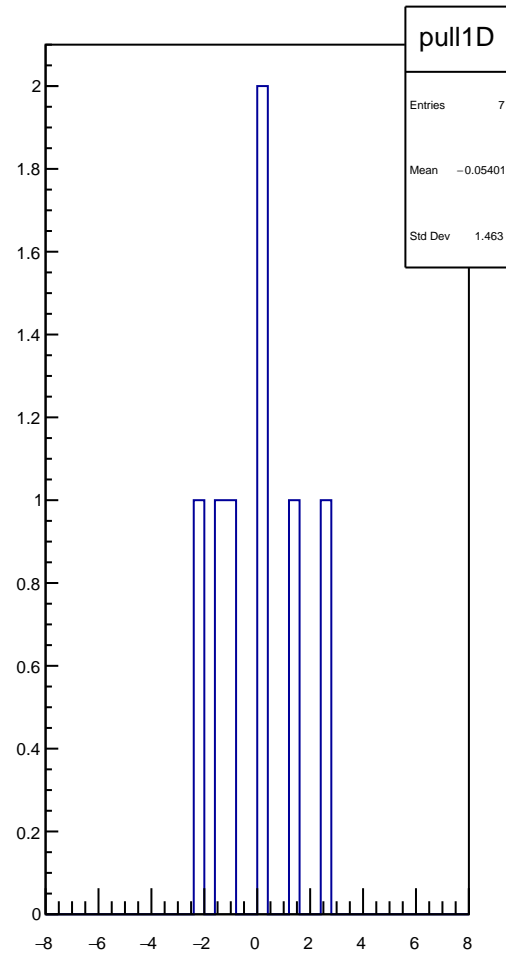
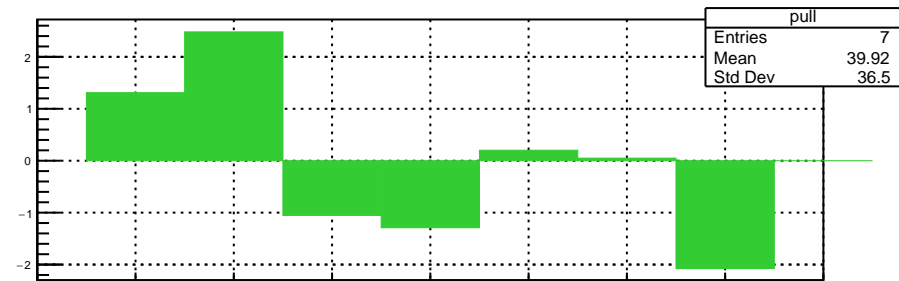
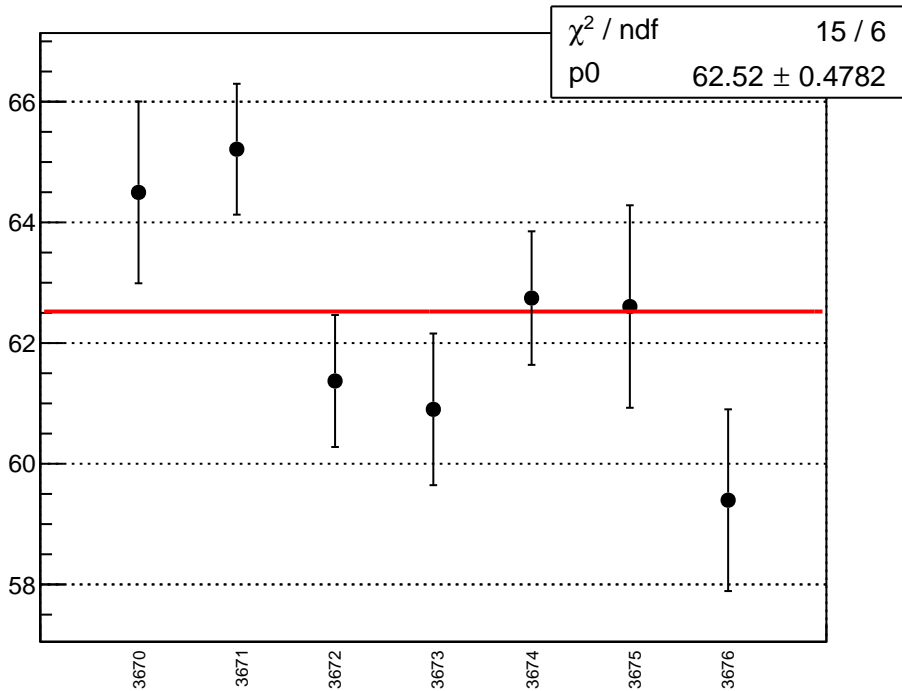
cor_asym_sam7_diff_bpm11X_slope vs run



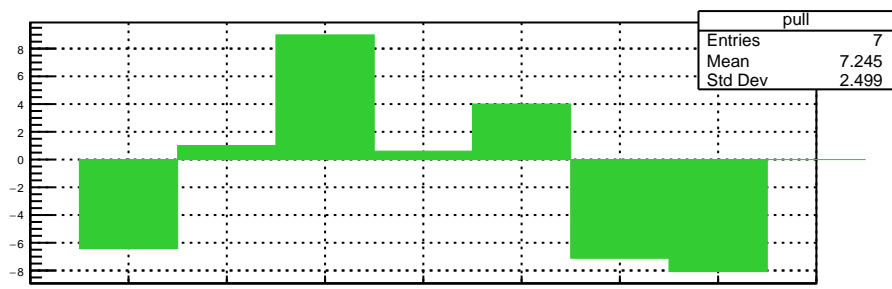
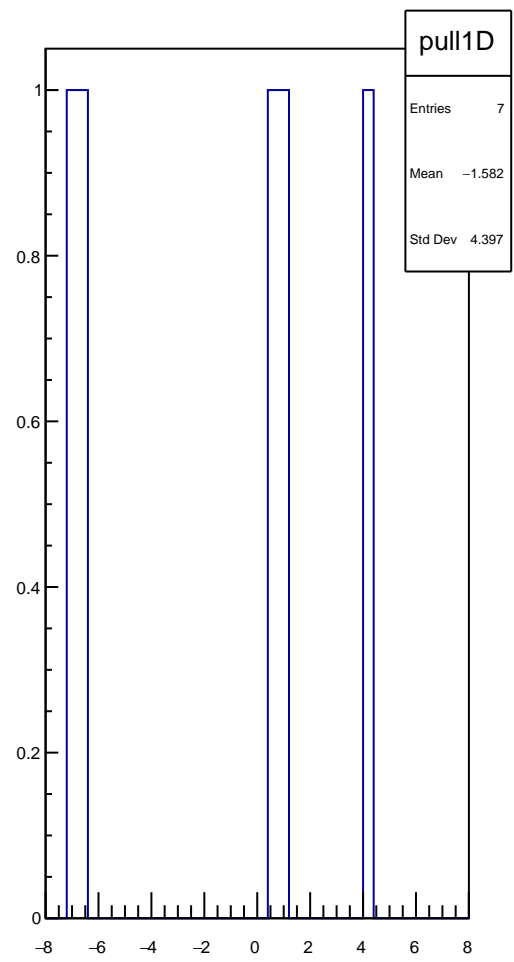
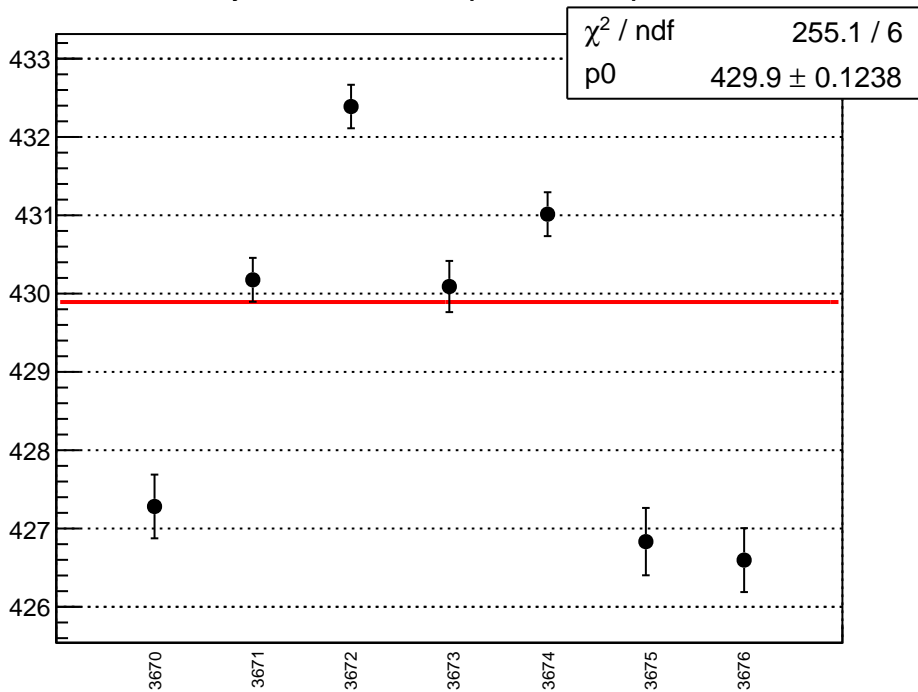
cor_asym_sam7_diff_bpm4aX_slope vs run



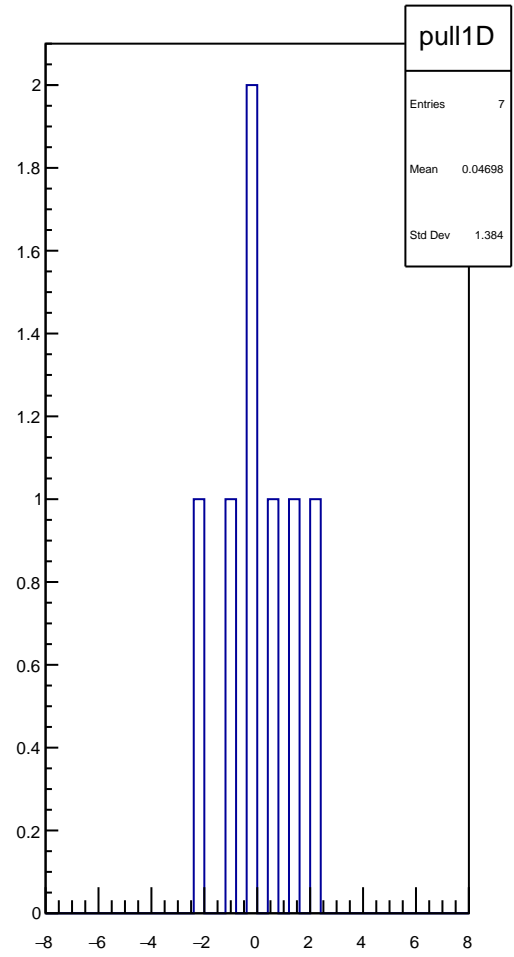
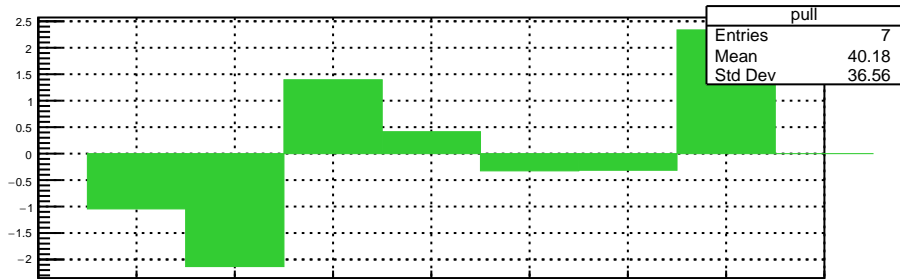
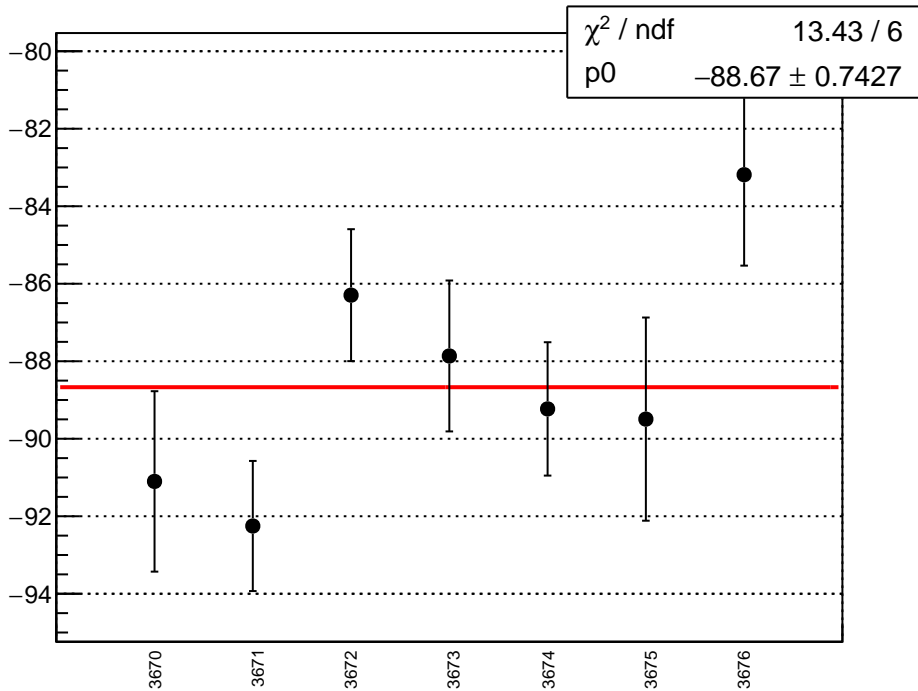
cor_asym_sam7_diff_bpm4aY_slope vs run



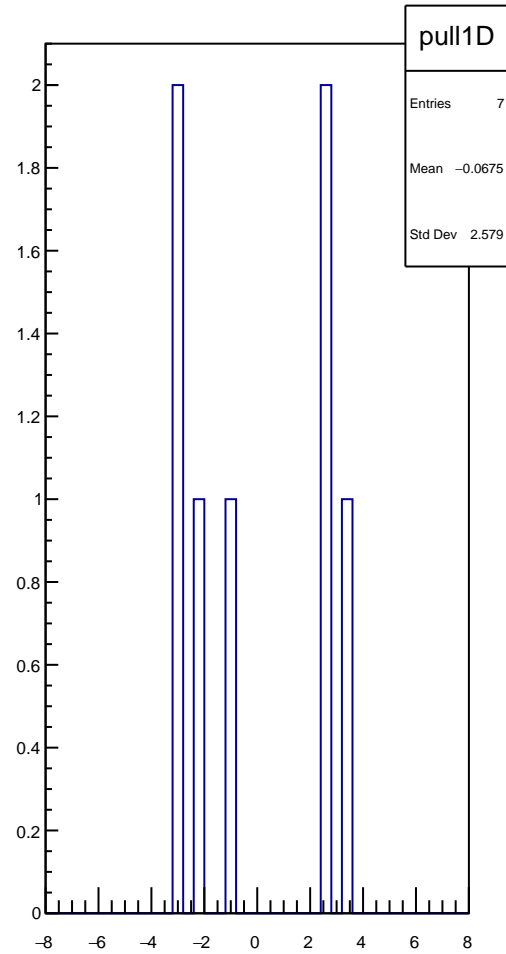
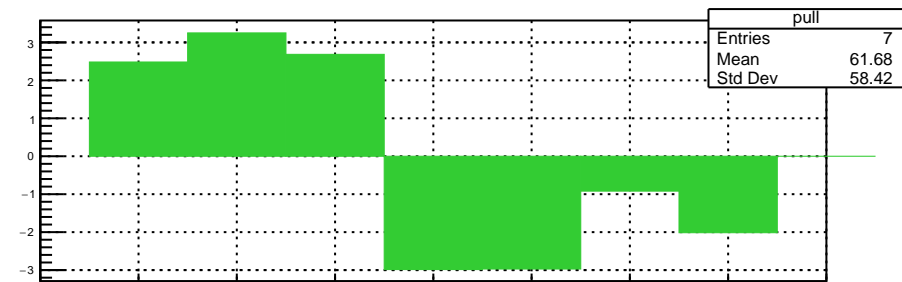
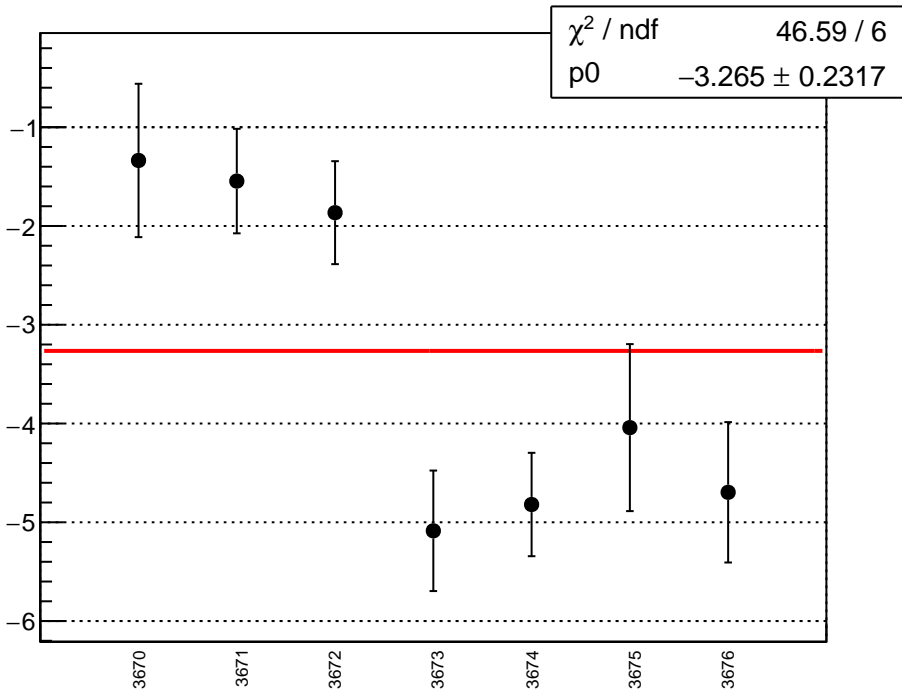
cor_asym_sam7_diff_bpm4eX_slope vs run



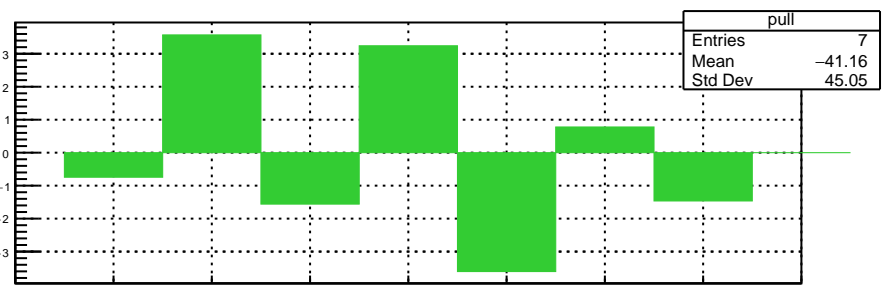
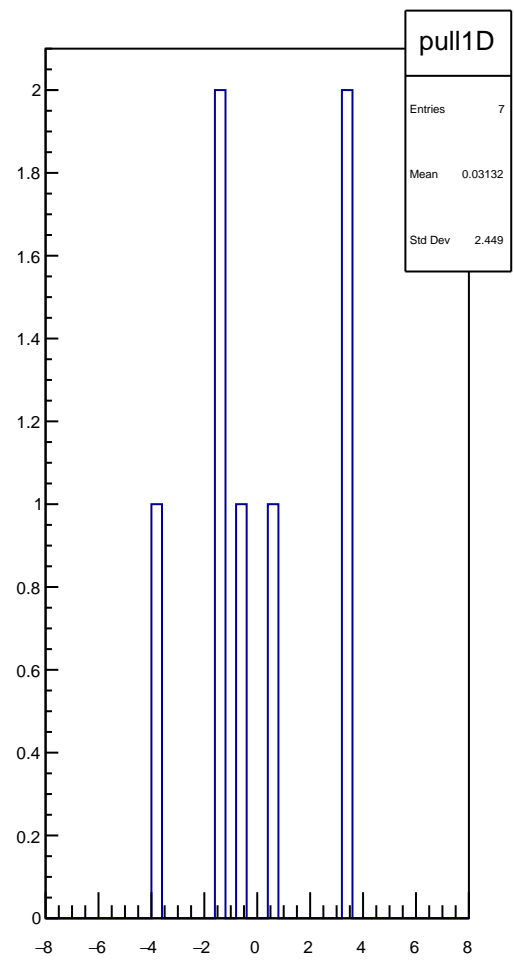
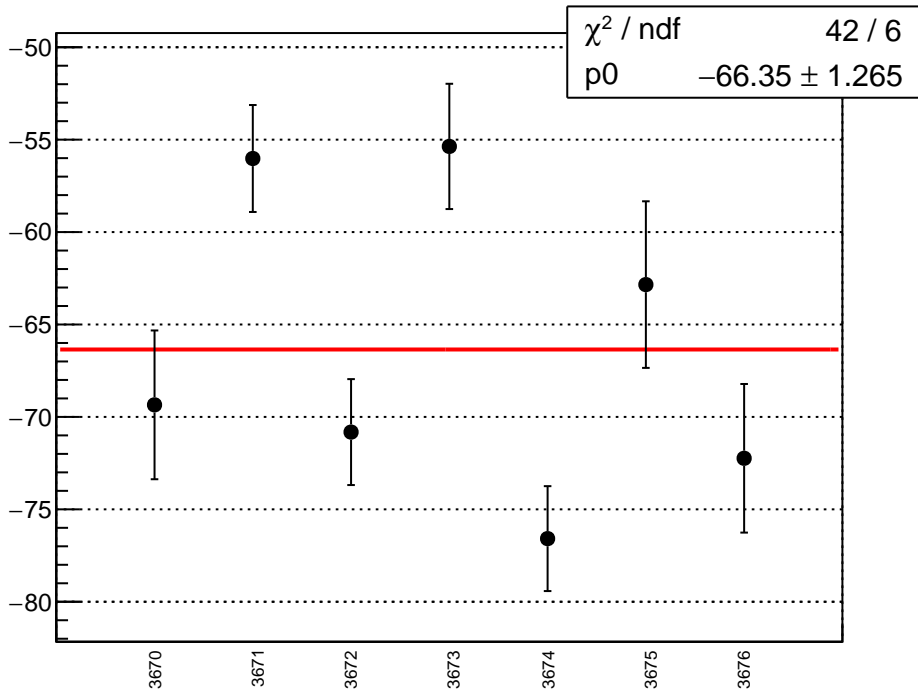
cor_asym_sam7_diff_bpm4eY_slope vs run



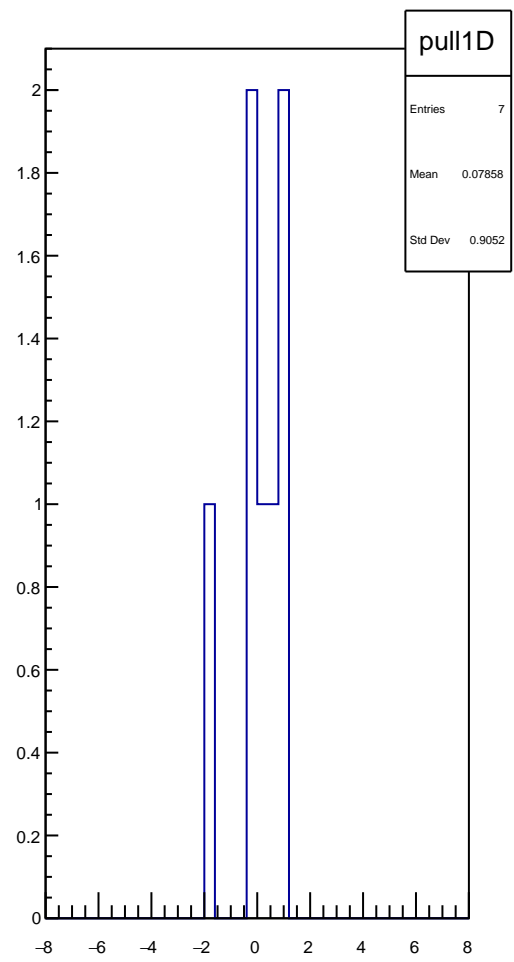
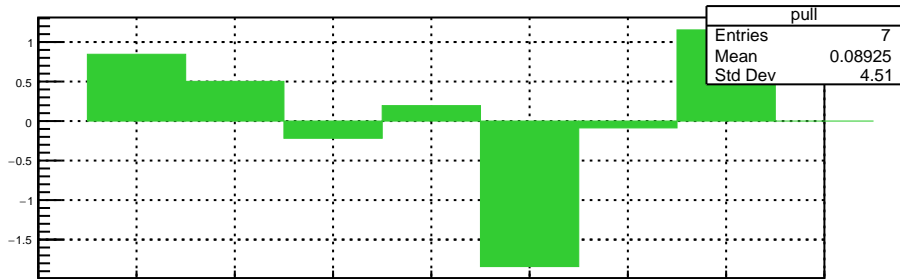
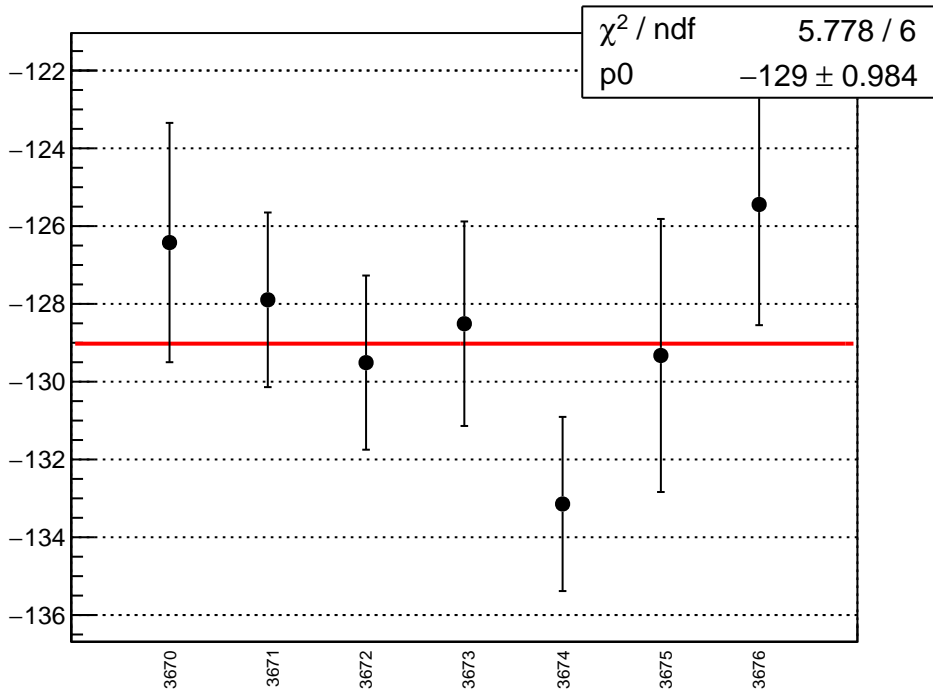
cor_asym_sam8_diff_bpm11X_slope vs run



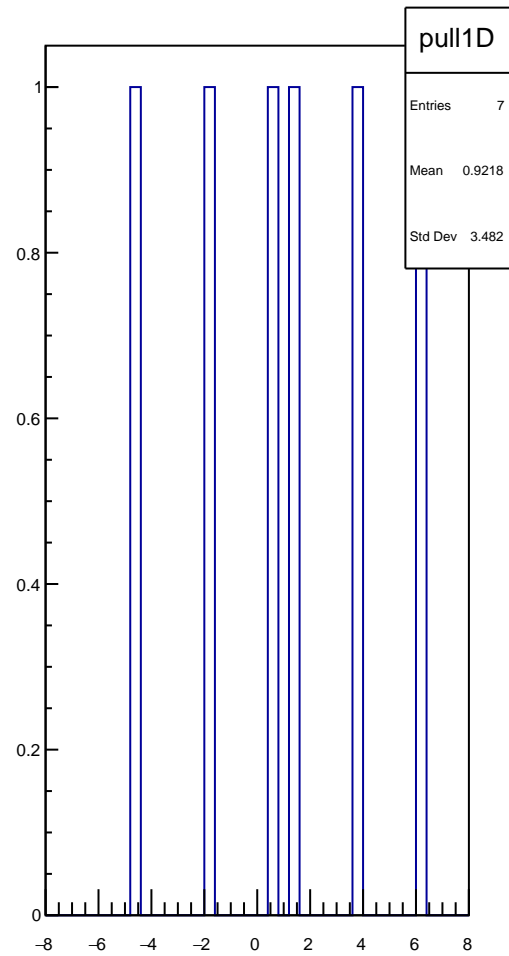
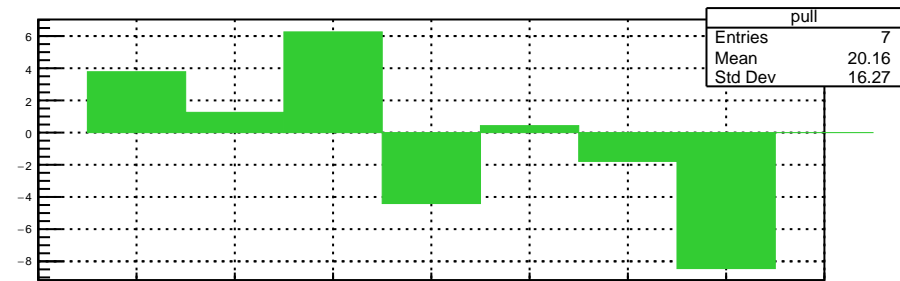
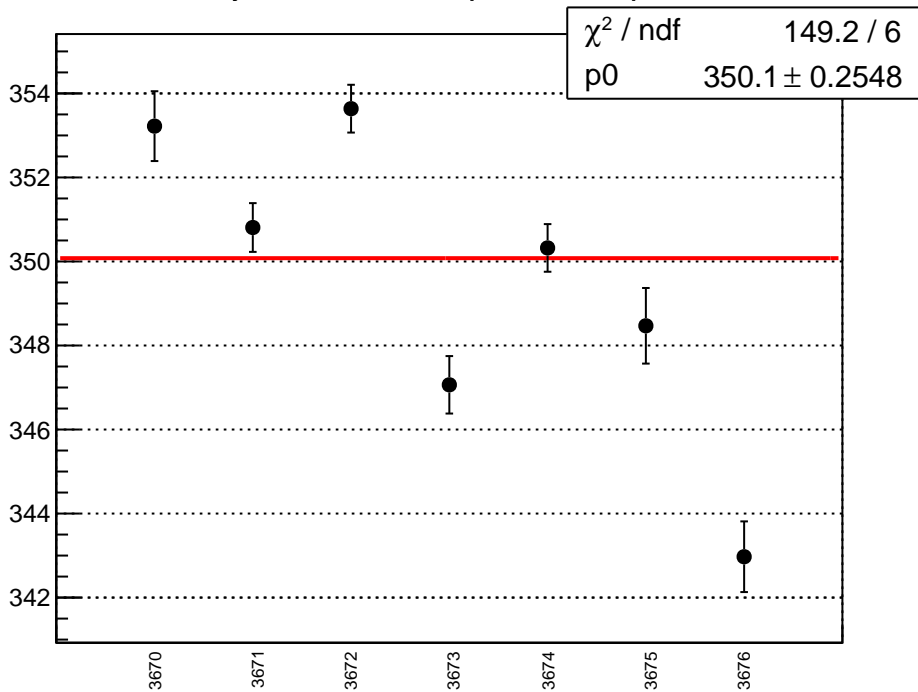
cor_asym_sam8_diff_bpm4aX_slope vs run



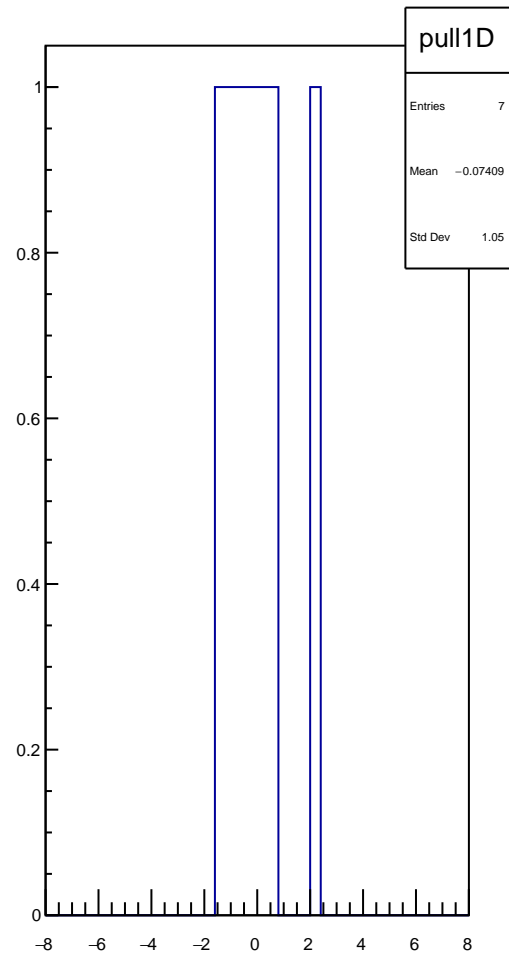
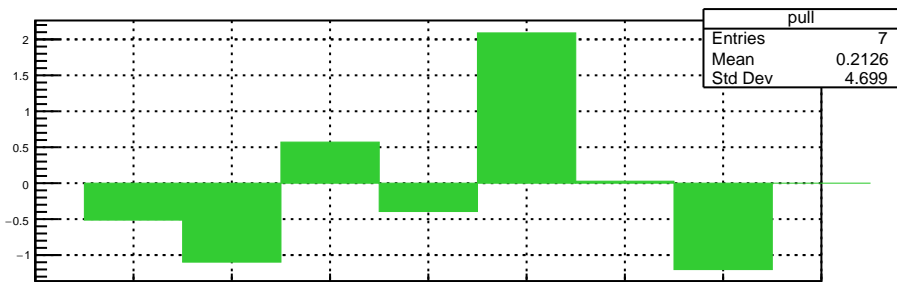
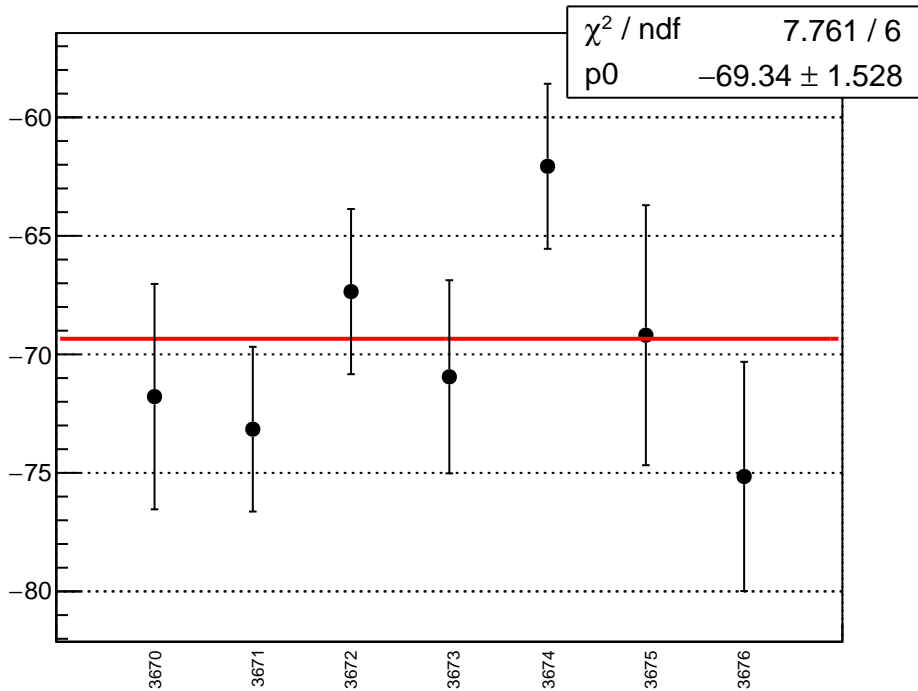
cor_asym_sam8_diff_bpm4aY_slope vs run



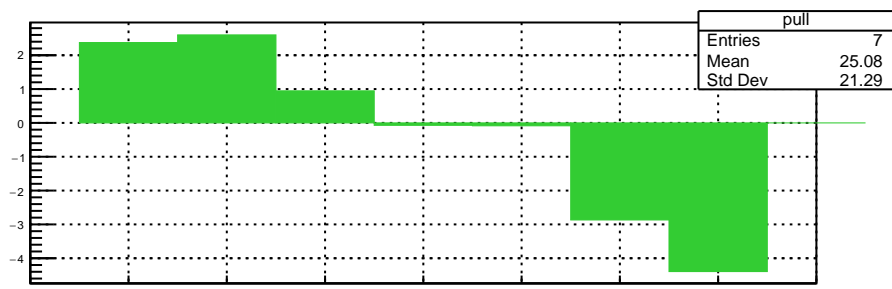
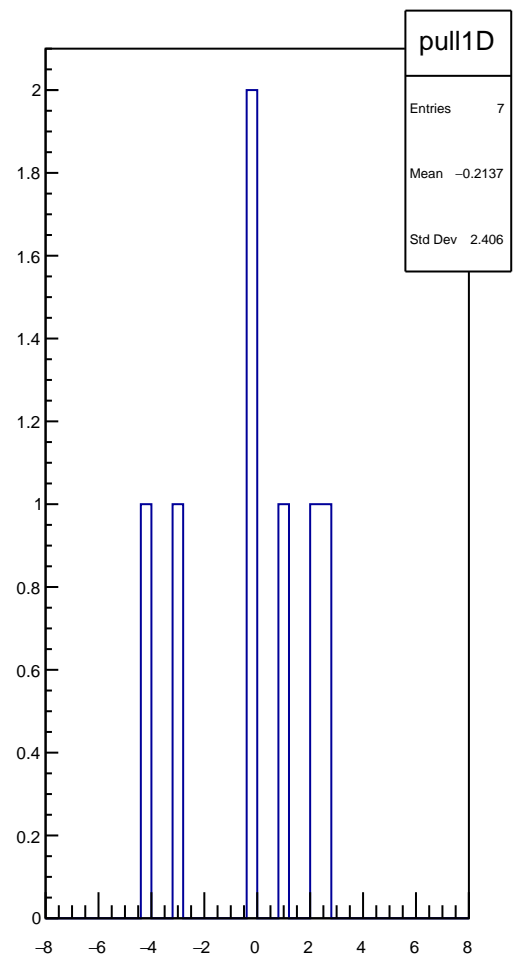
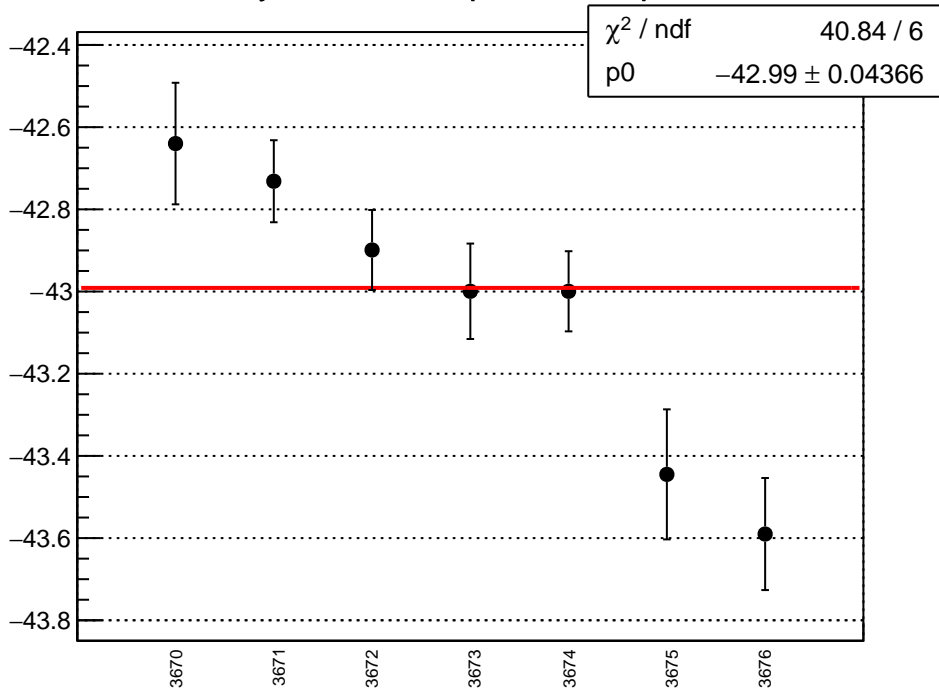
cor_asym_sam8_diff_bpm4eX_slope vs run



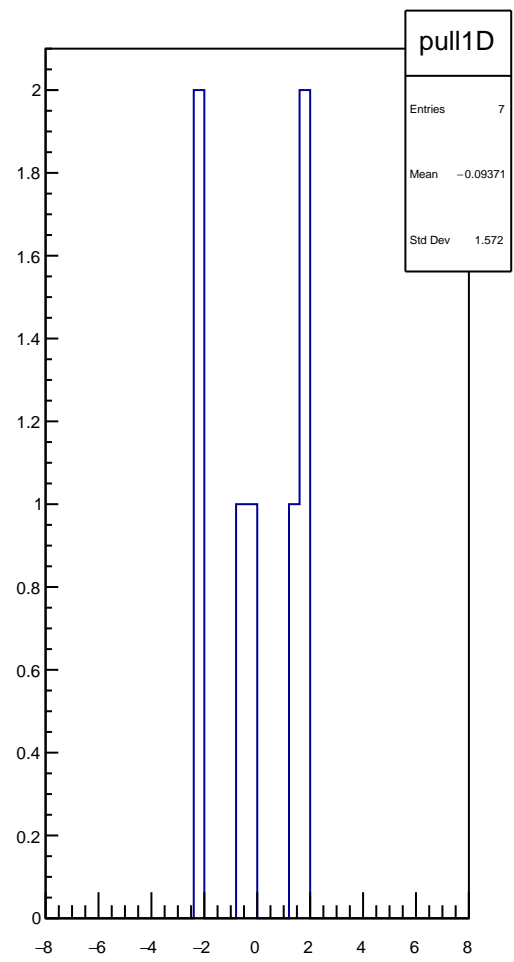
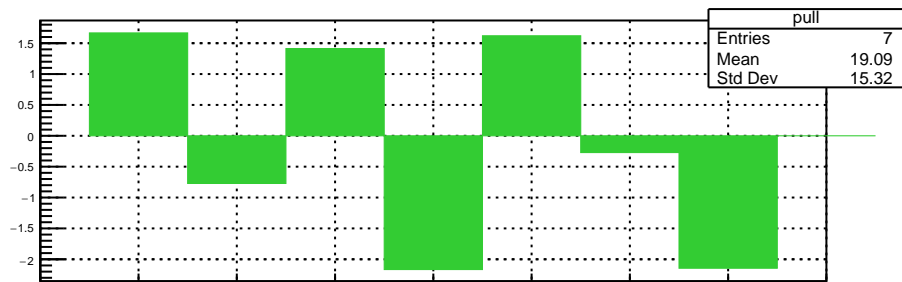
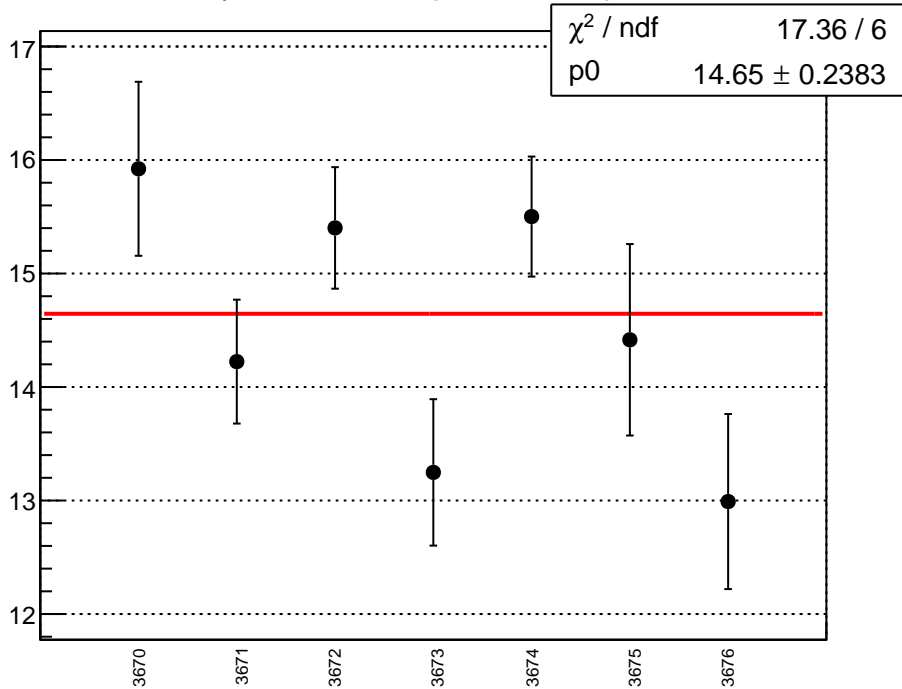
cor_asym_sam8_diff_bpm4eY_slope vs run



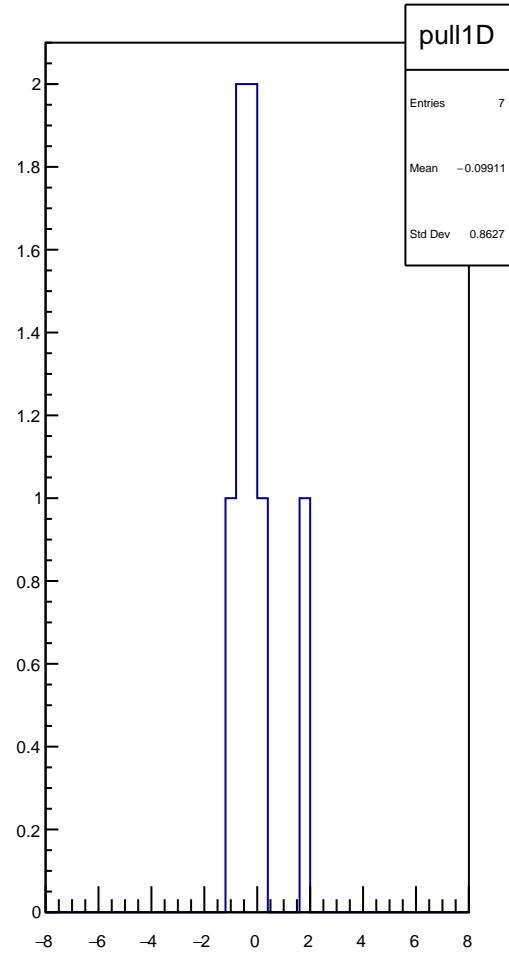
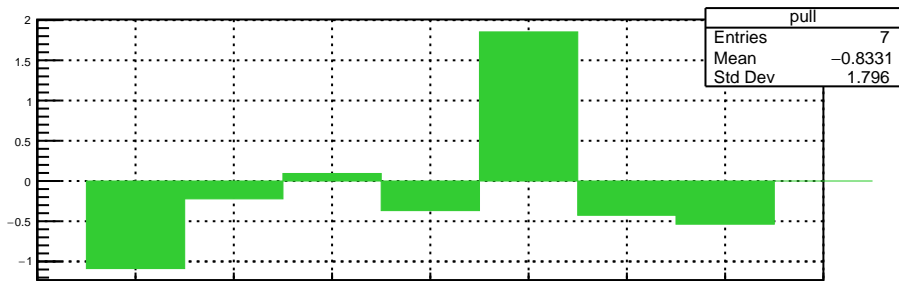
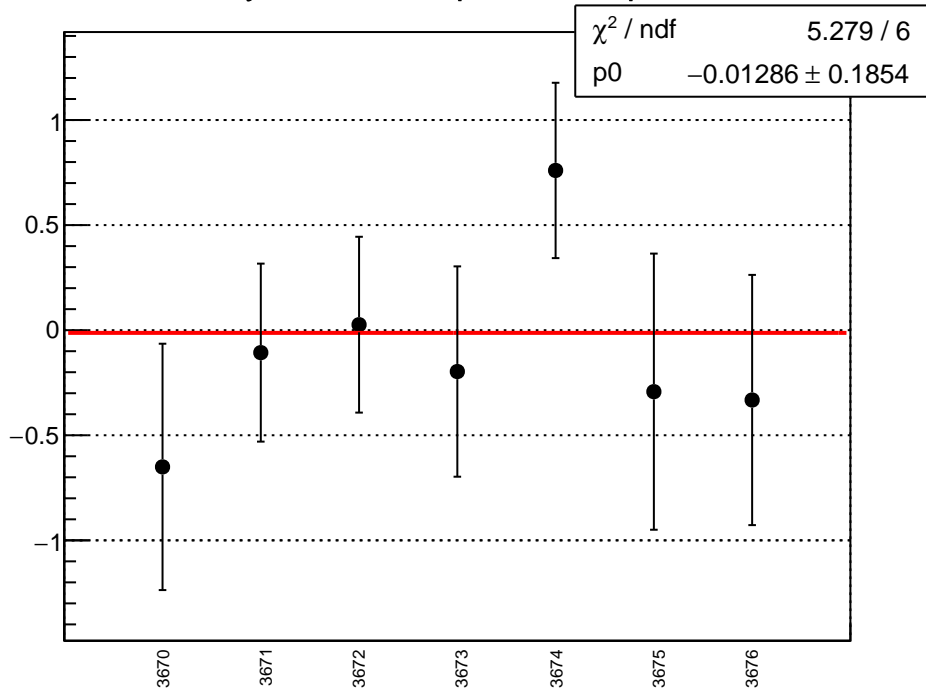
cor_asym_usl_diff_bpm11X_slope vs run



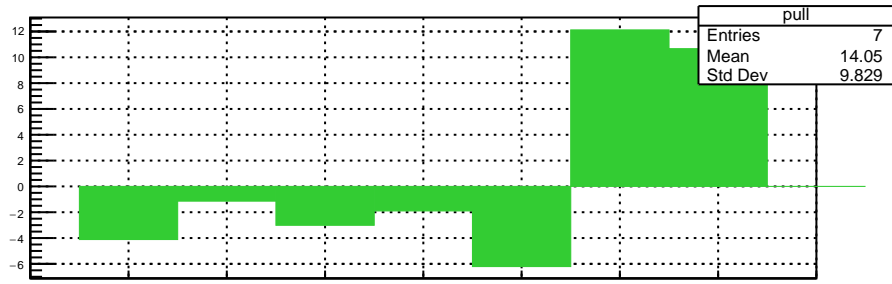
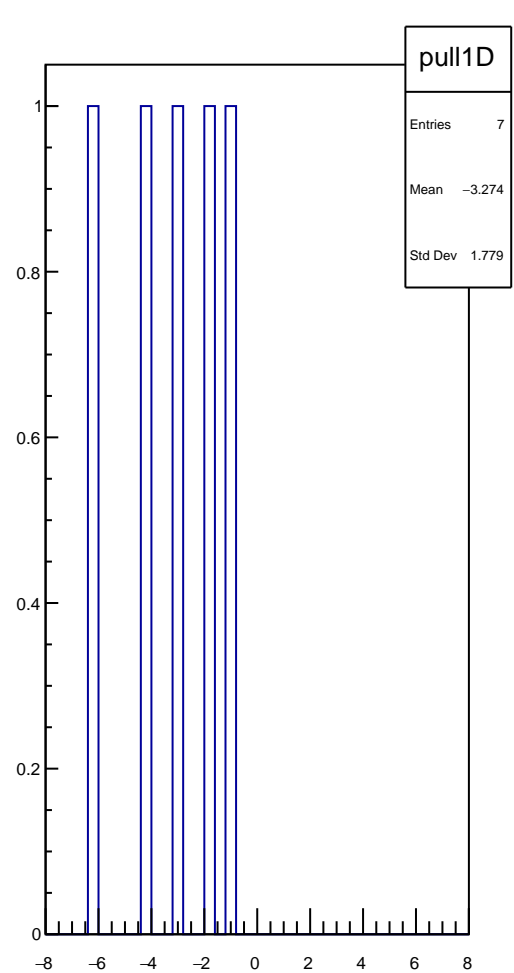
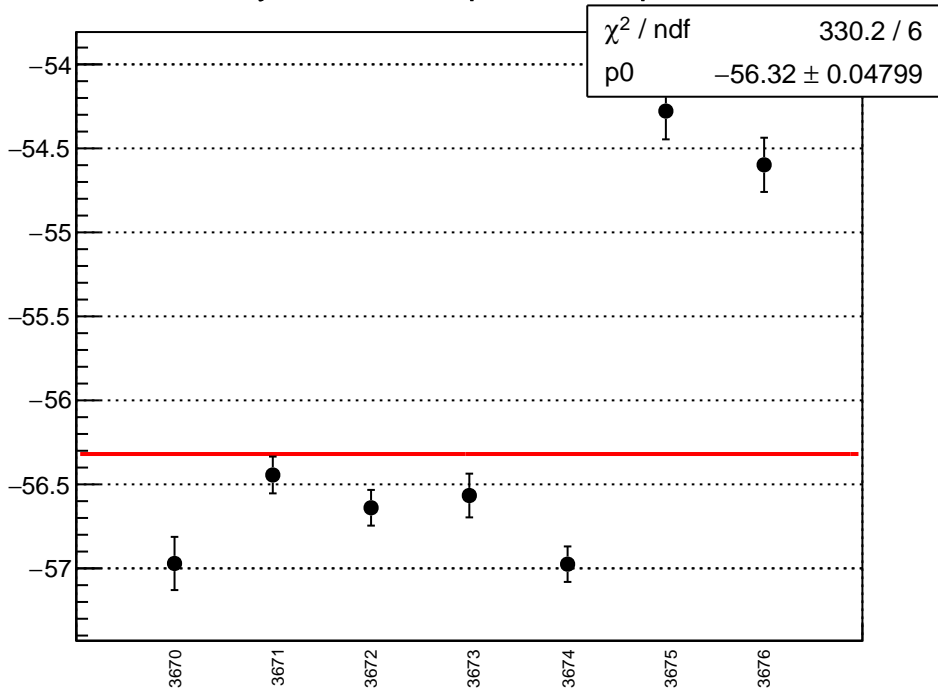
cor_asym_usl_diff_bpm4aX_slope vs run



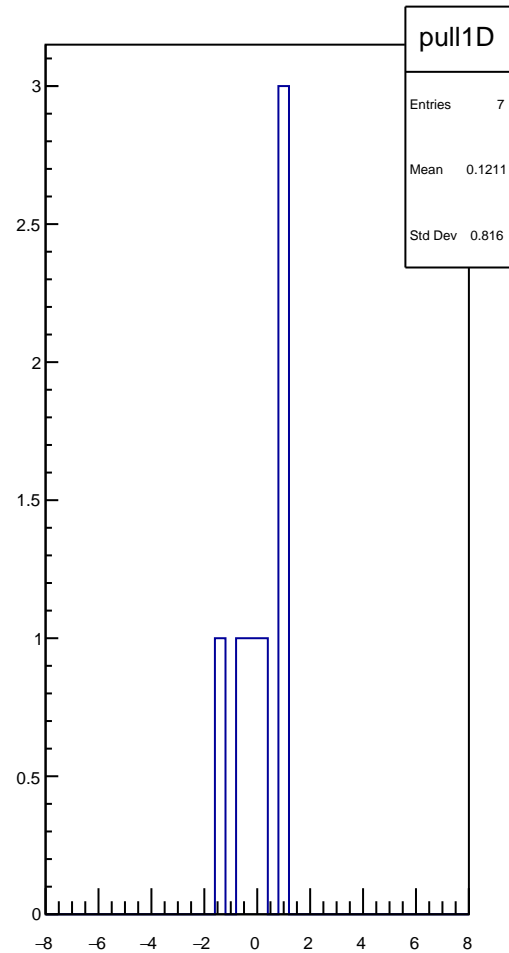
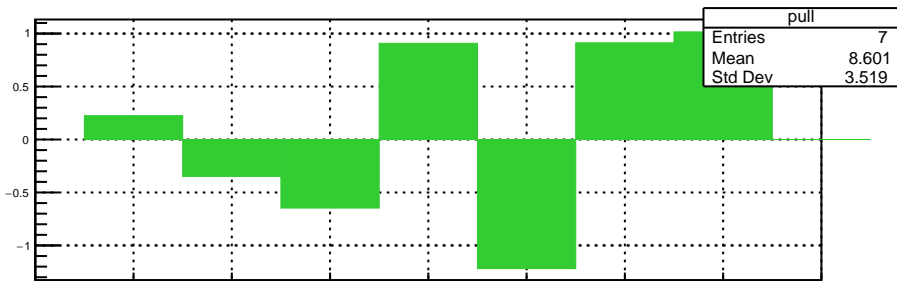
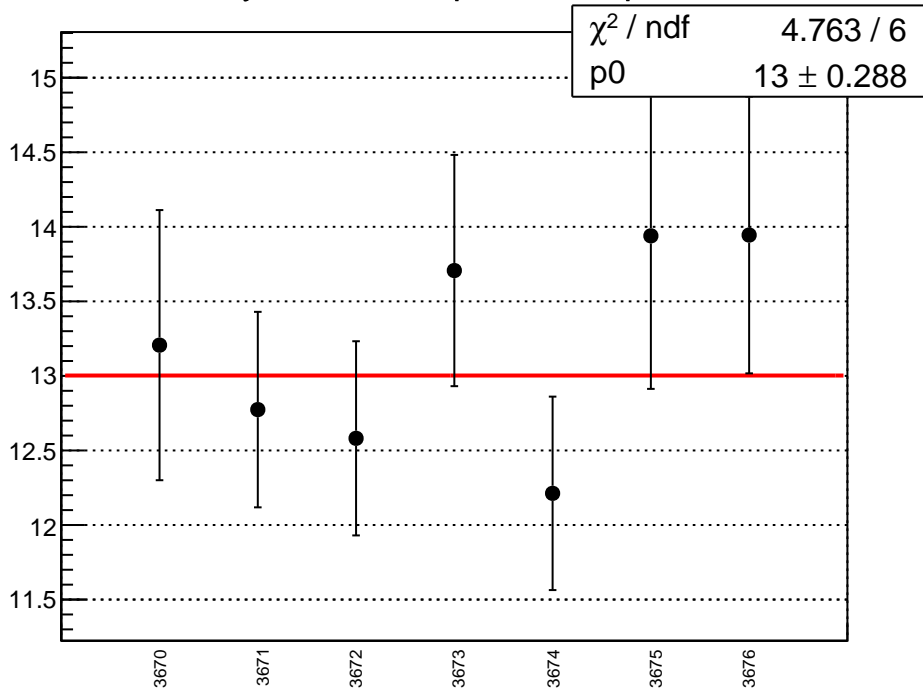
cor_asym_usl_diff_bpm4aY_slope vs run



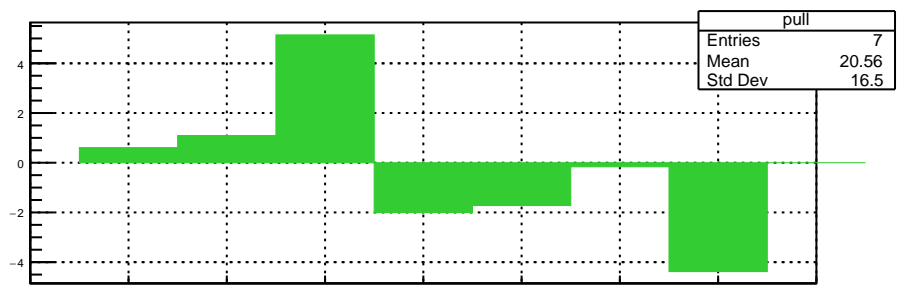
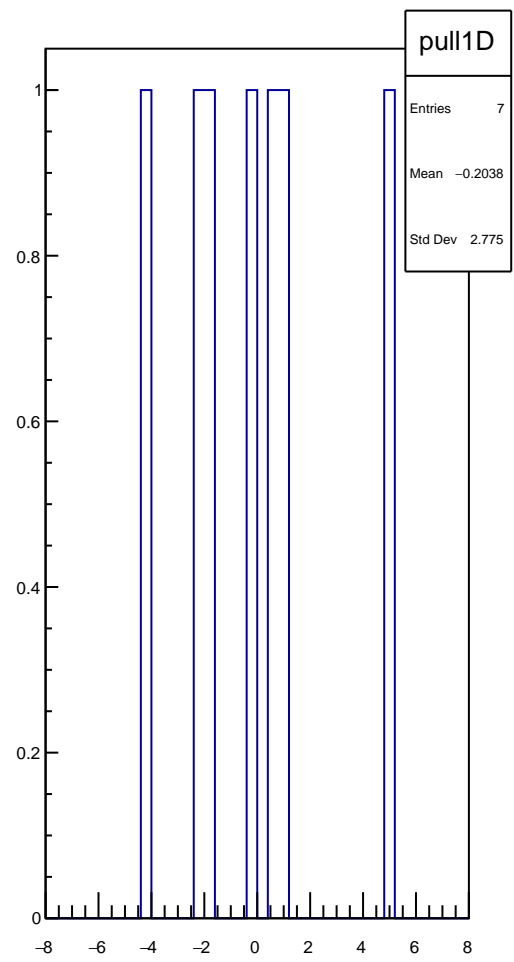
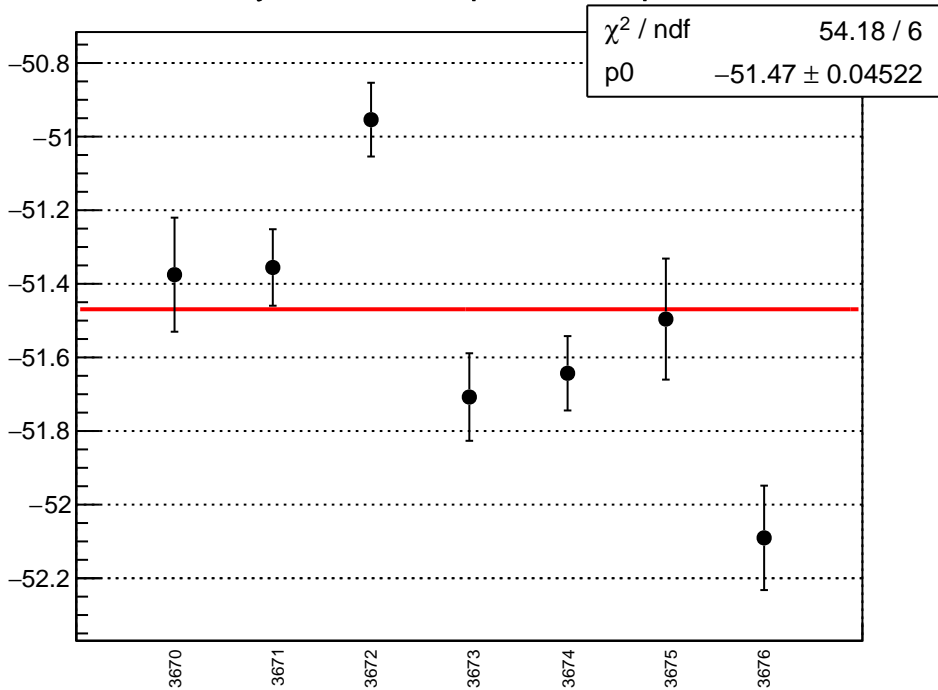
cor_asym_usl_diff_bpm4eX_slope vs run



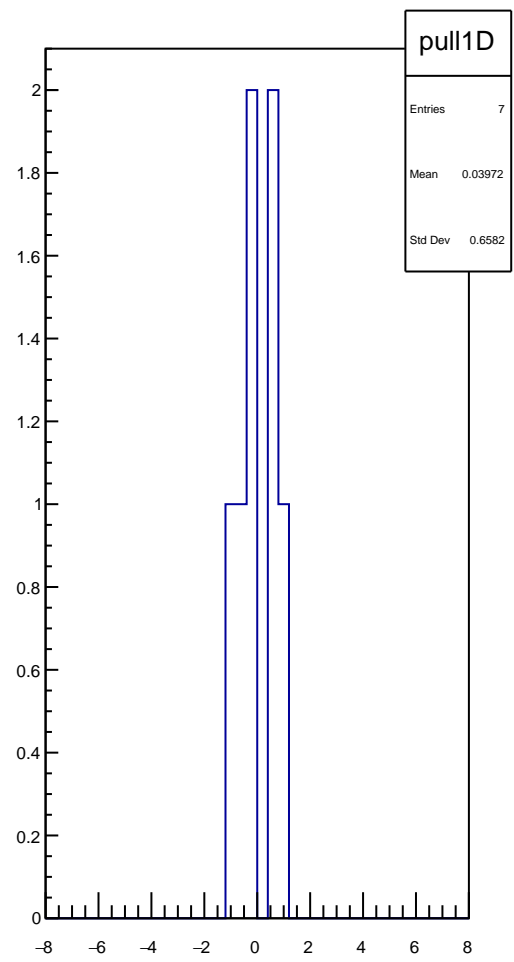
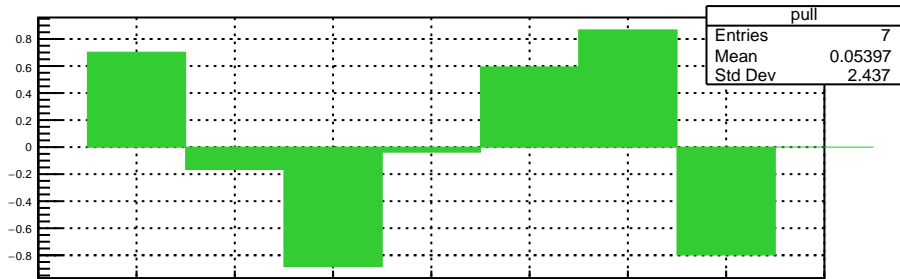
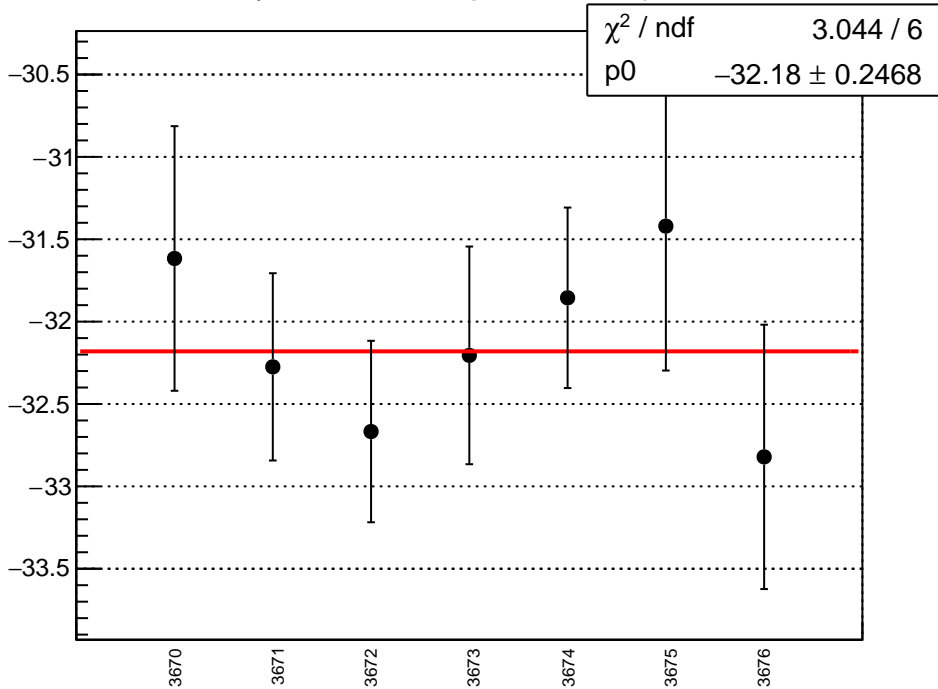
cor_asym_usl_diff_bpm4eY_slope vs run



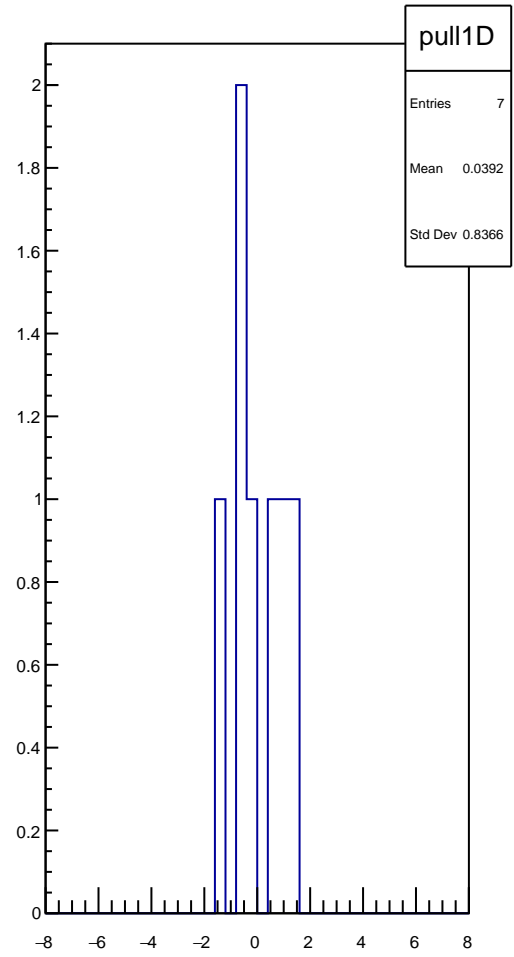
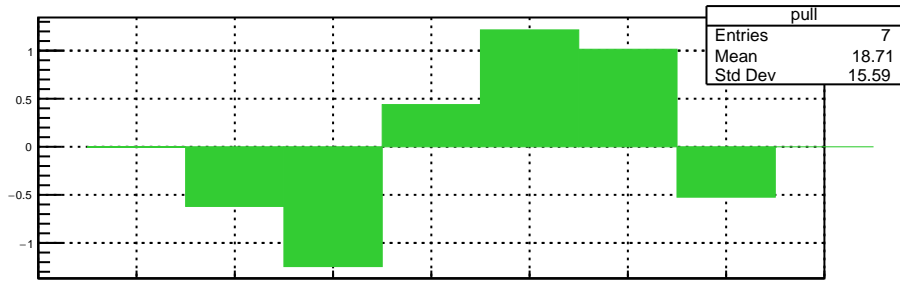
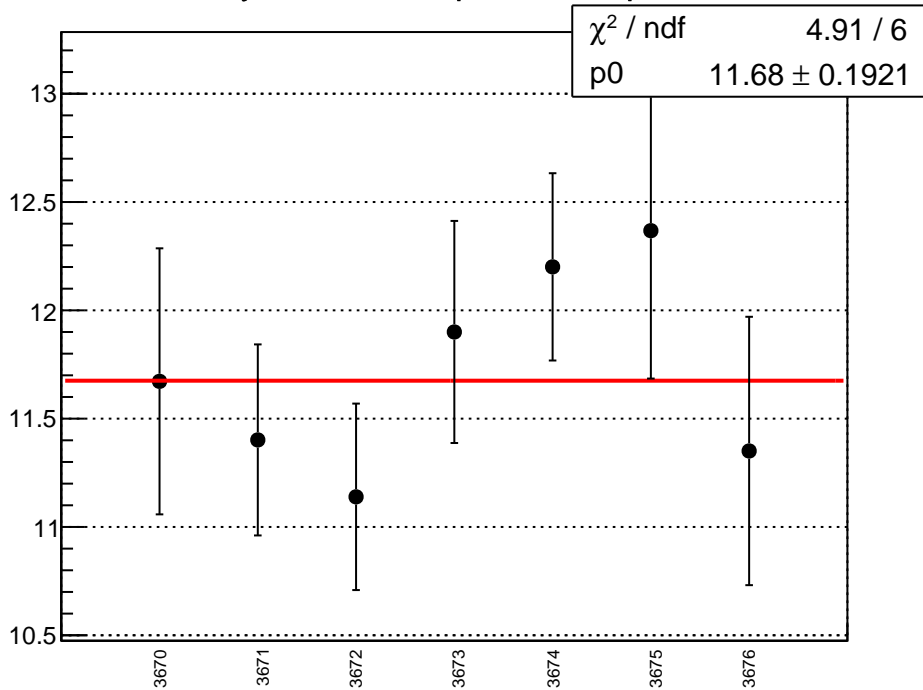
cor_asym_usr_diff_bpm11X_slope vs run



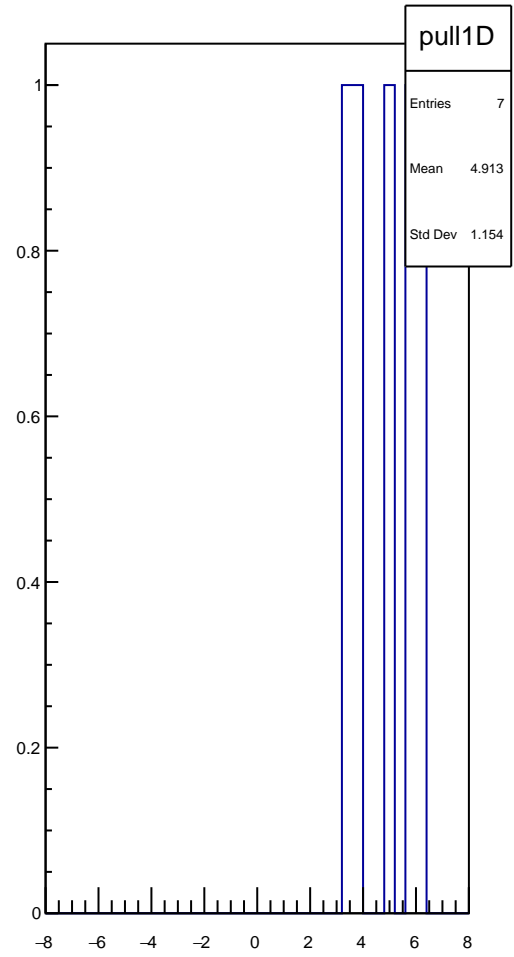
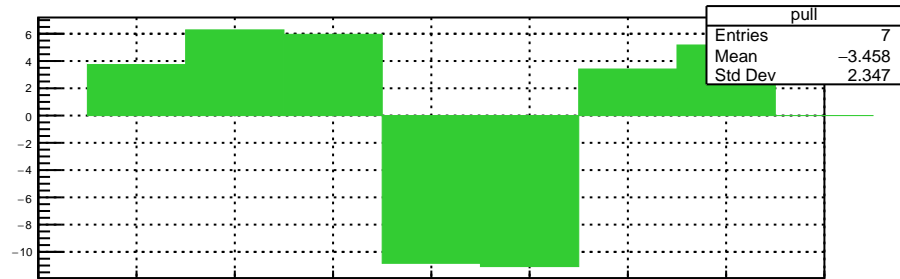
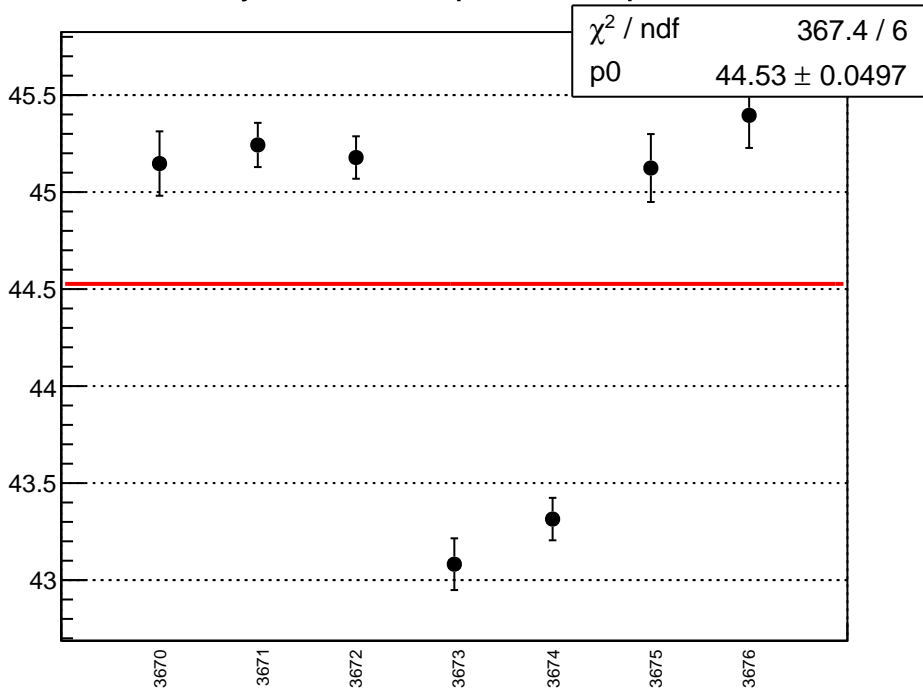
cor_asym_usr_diff_bpm4aX_slope vs run



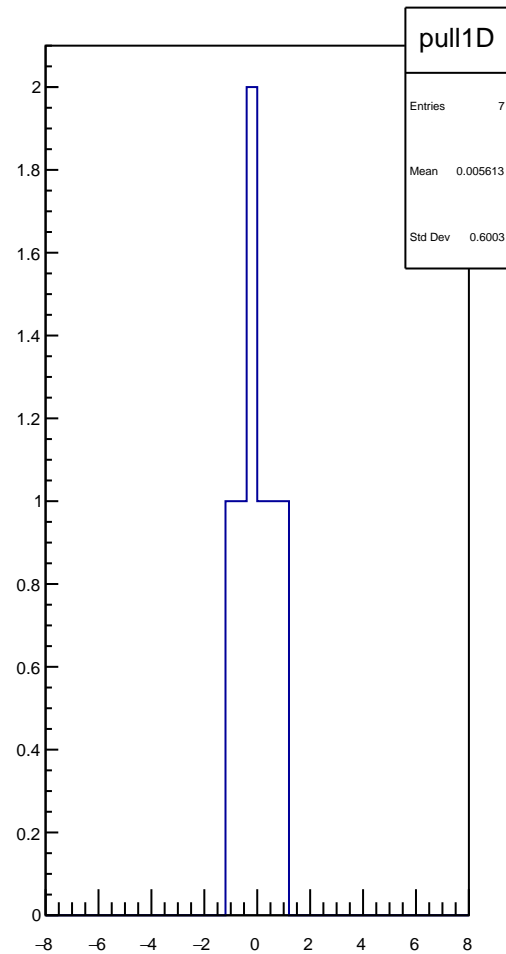
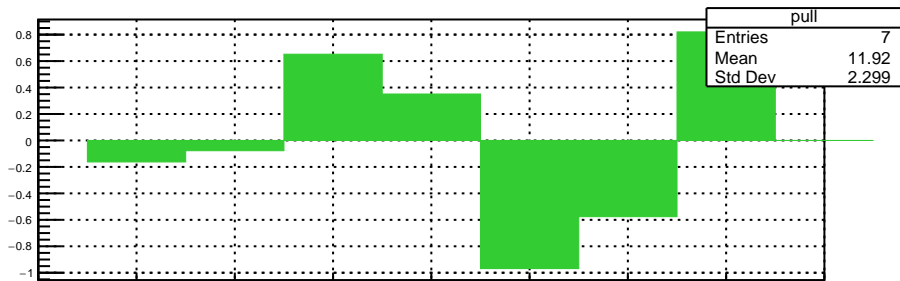
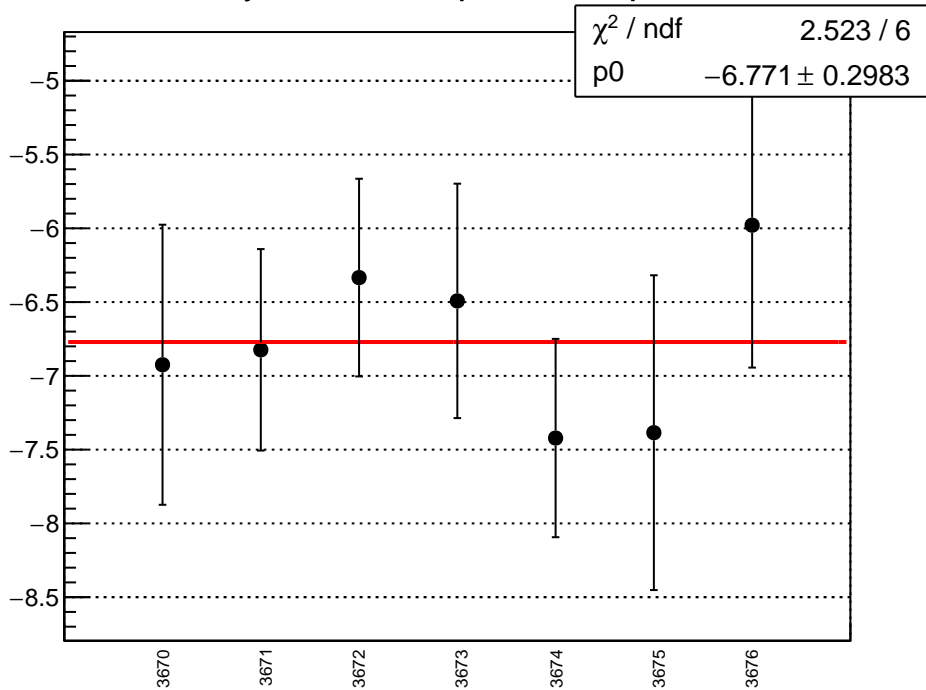
cor_asym_usr_diff_bpm4aY_slope vs run



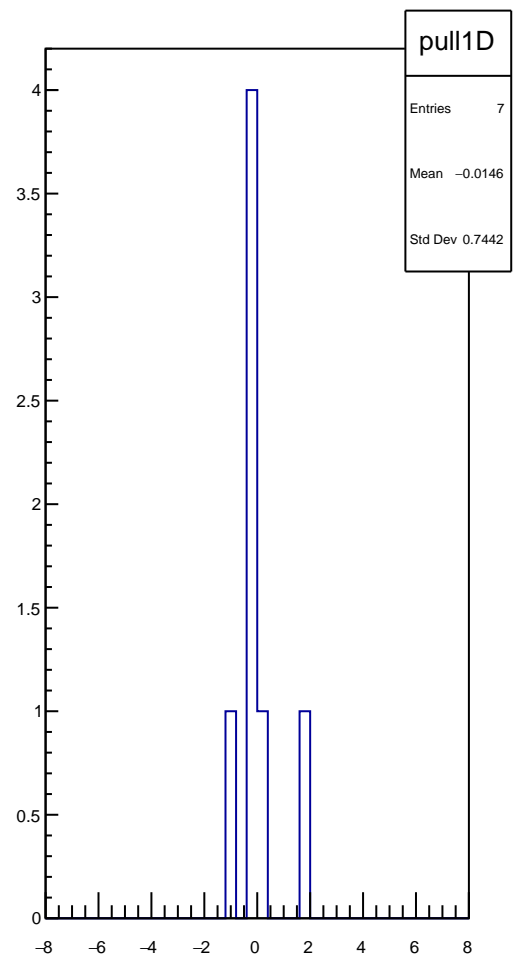
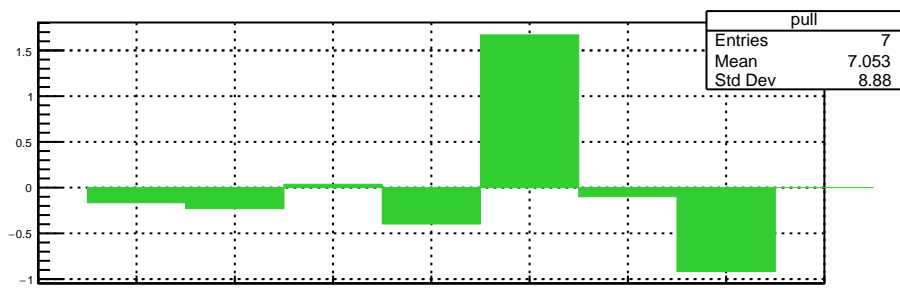
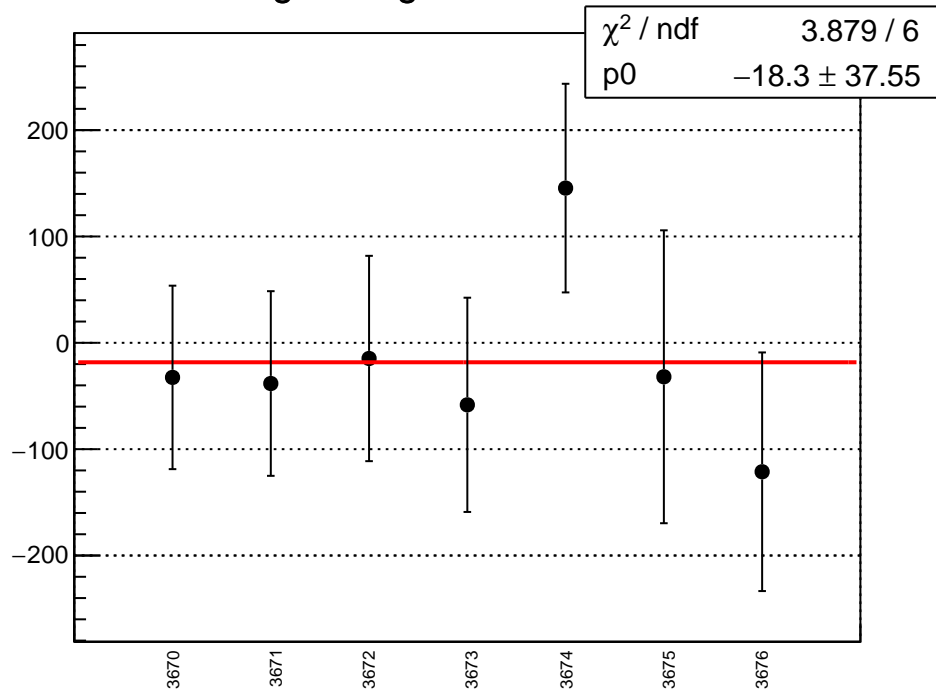
cor_asym_usr_diff_bpm4eX_slope vs run



cor_asym_usr_diff_bpm4eY_slope vs run



bcm_dg_us_dg_ds_dd_mean vs run



bcm_dg_us_dg_ds_dd_rms vs run

