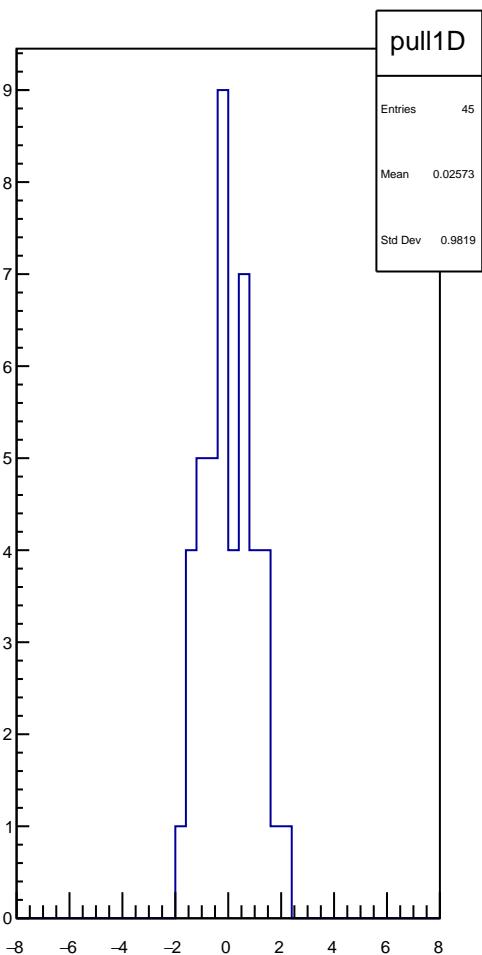
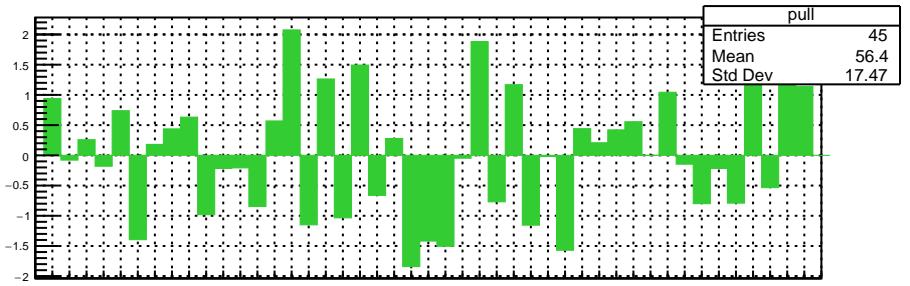
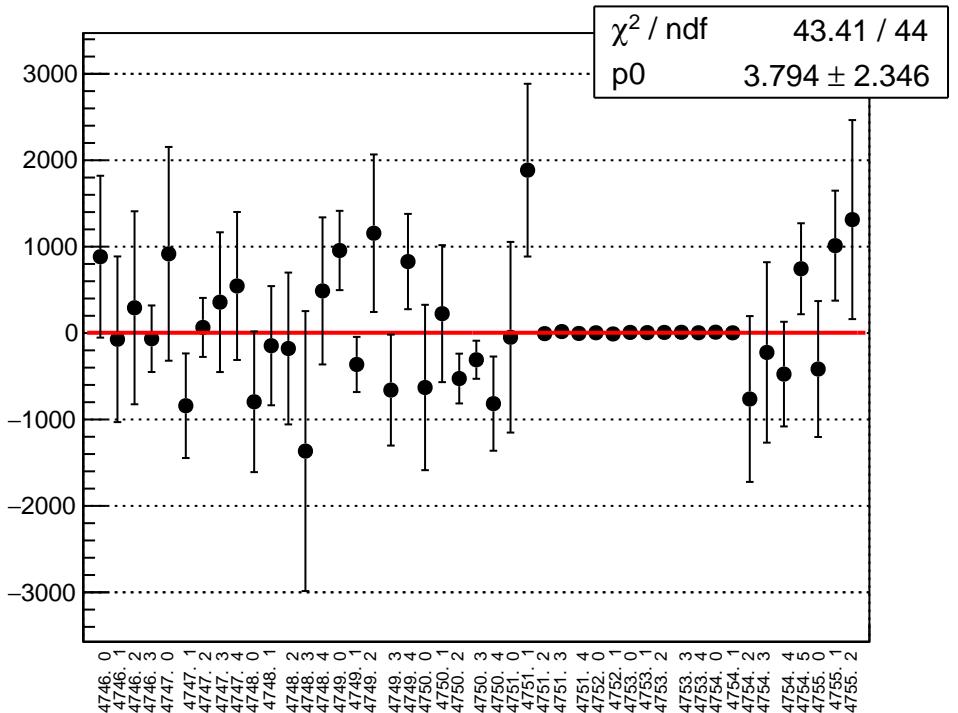
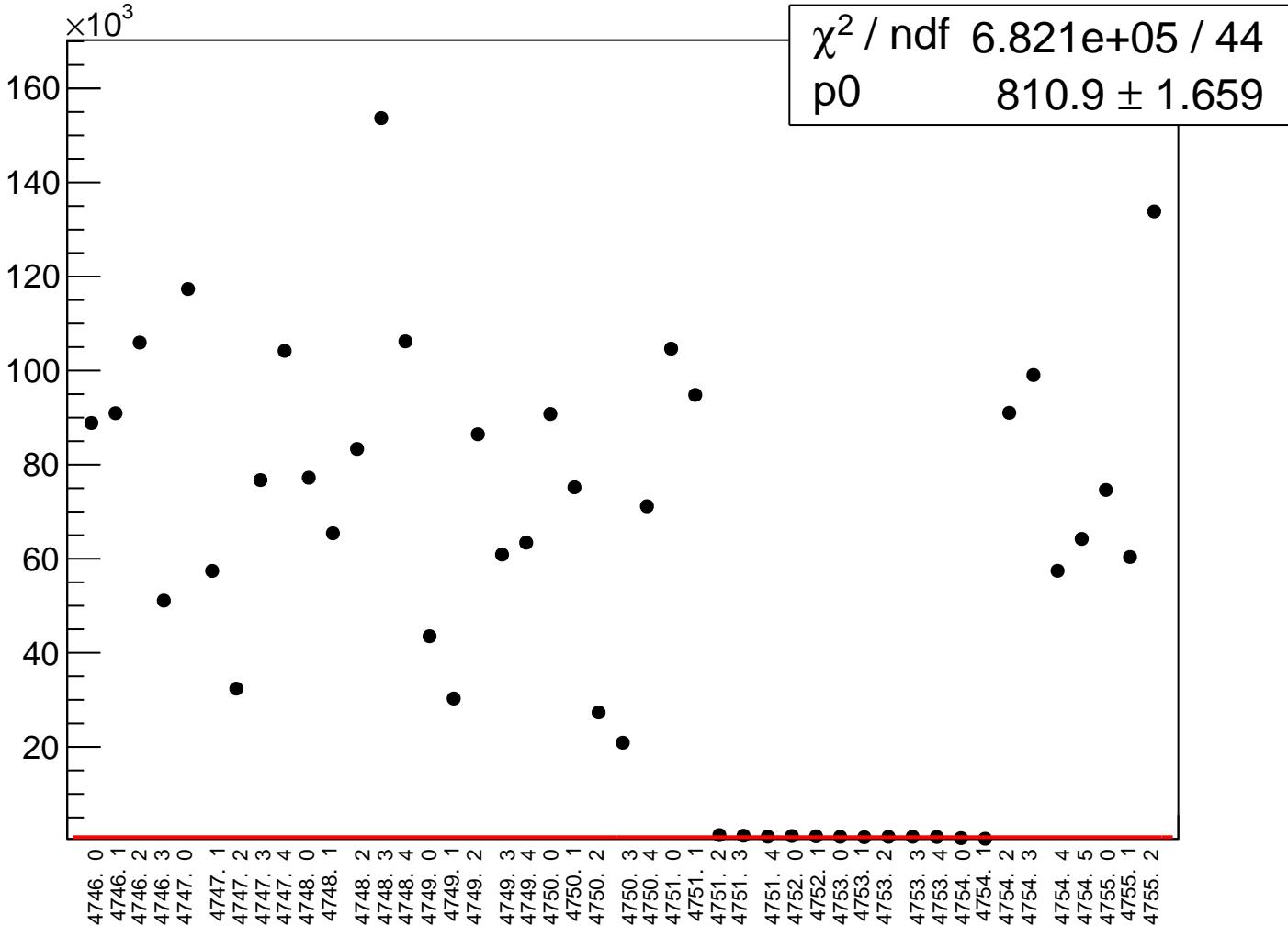


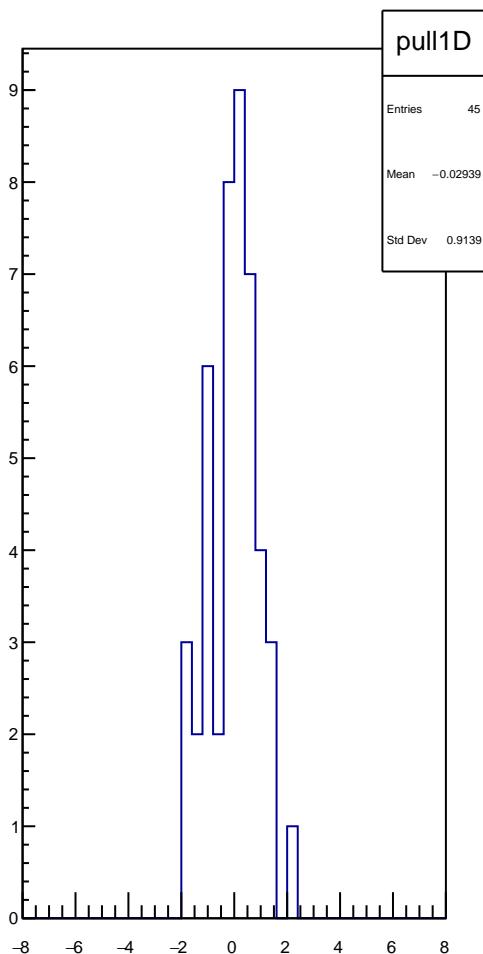
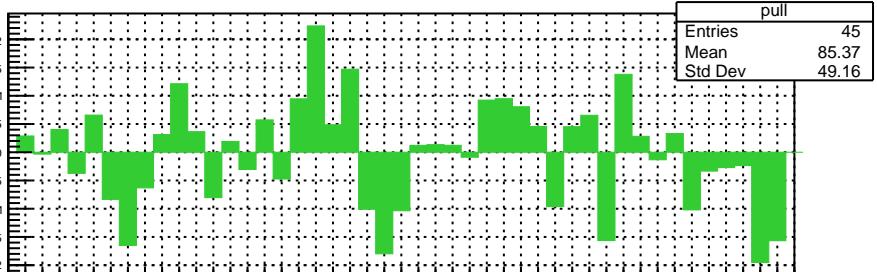
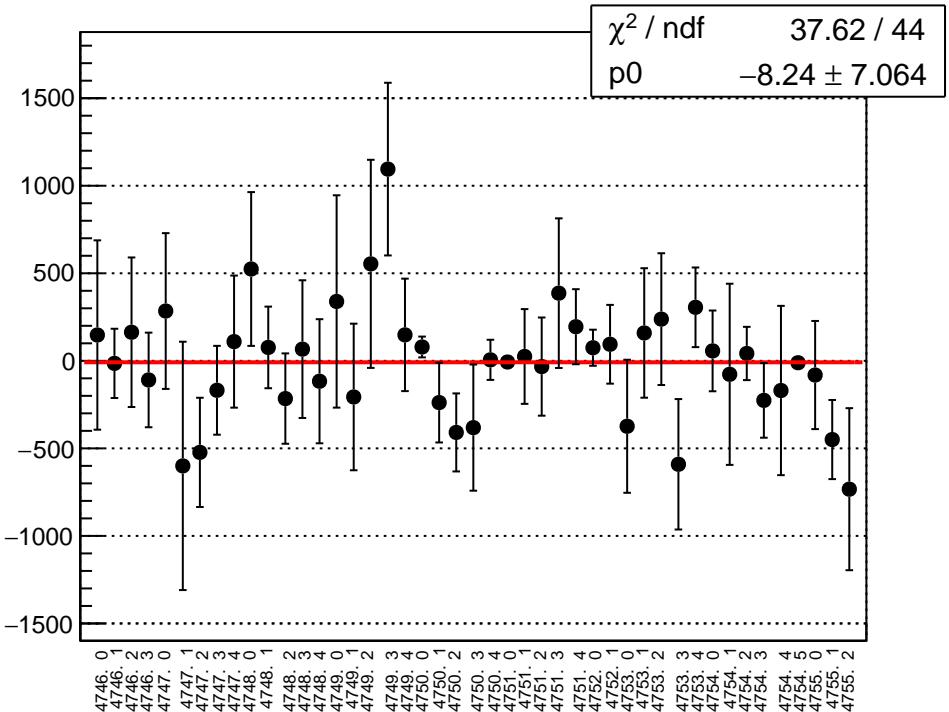
diff_cav4bX_mean vs run



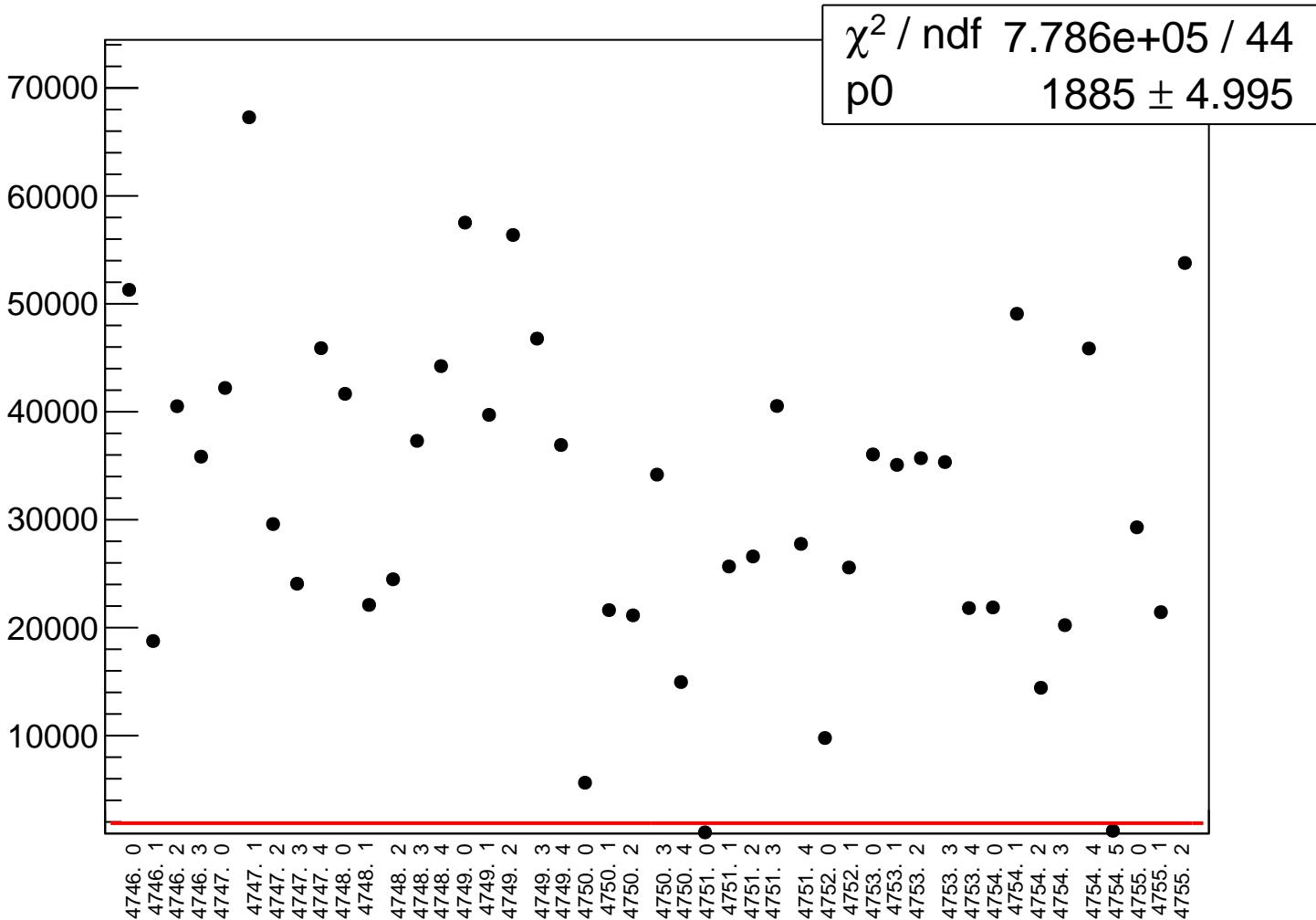
diff_cav4bX_rms vs run



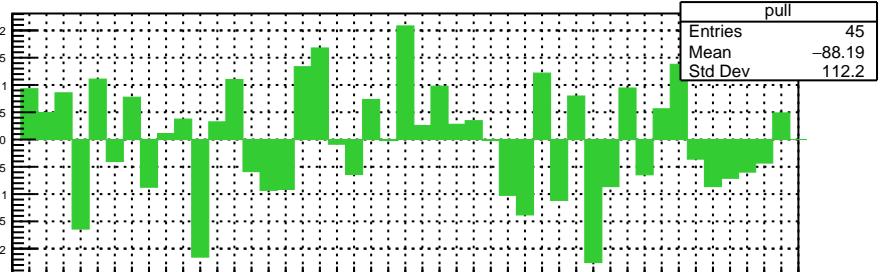
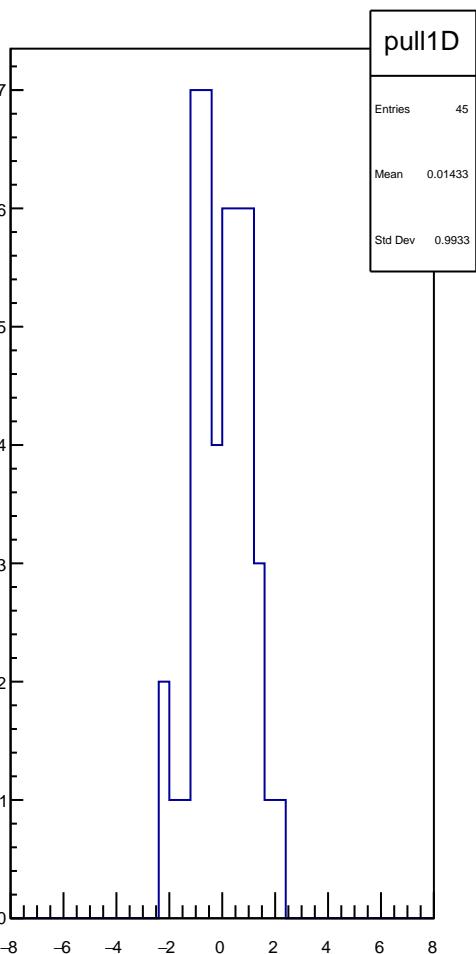
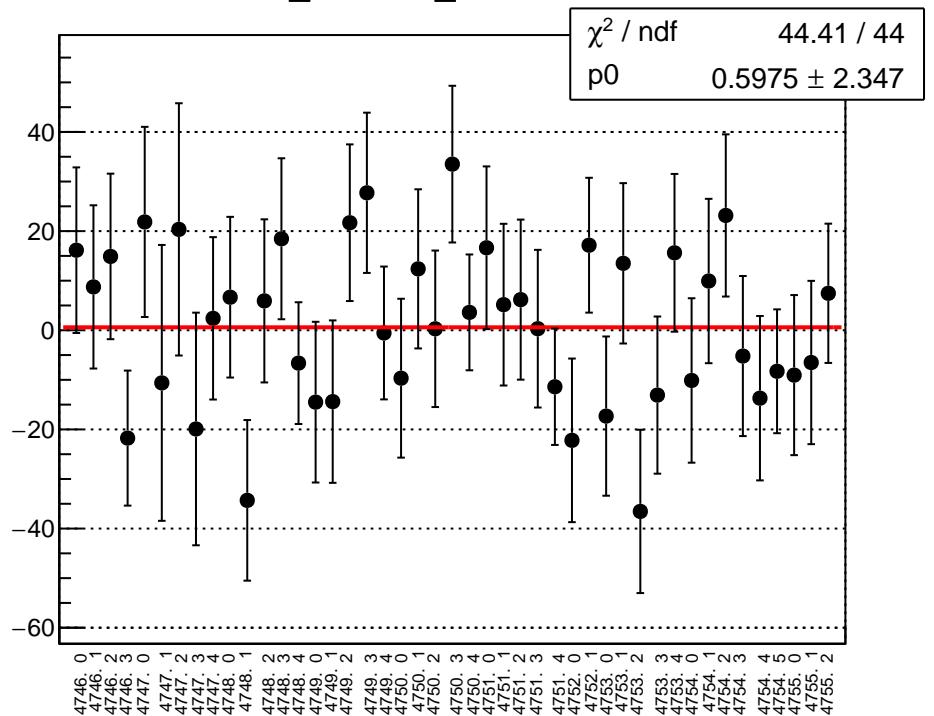
diff_cav4bY_mean vs run



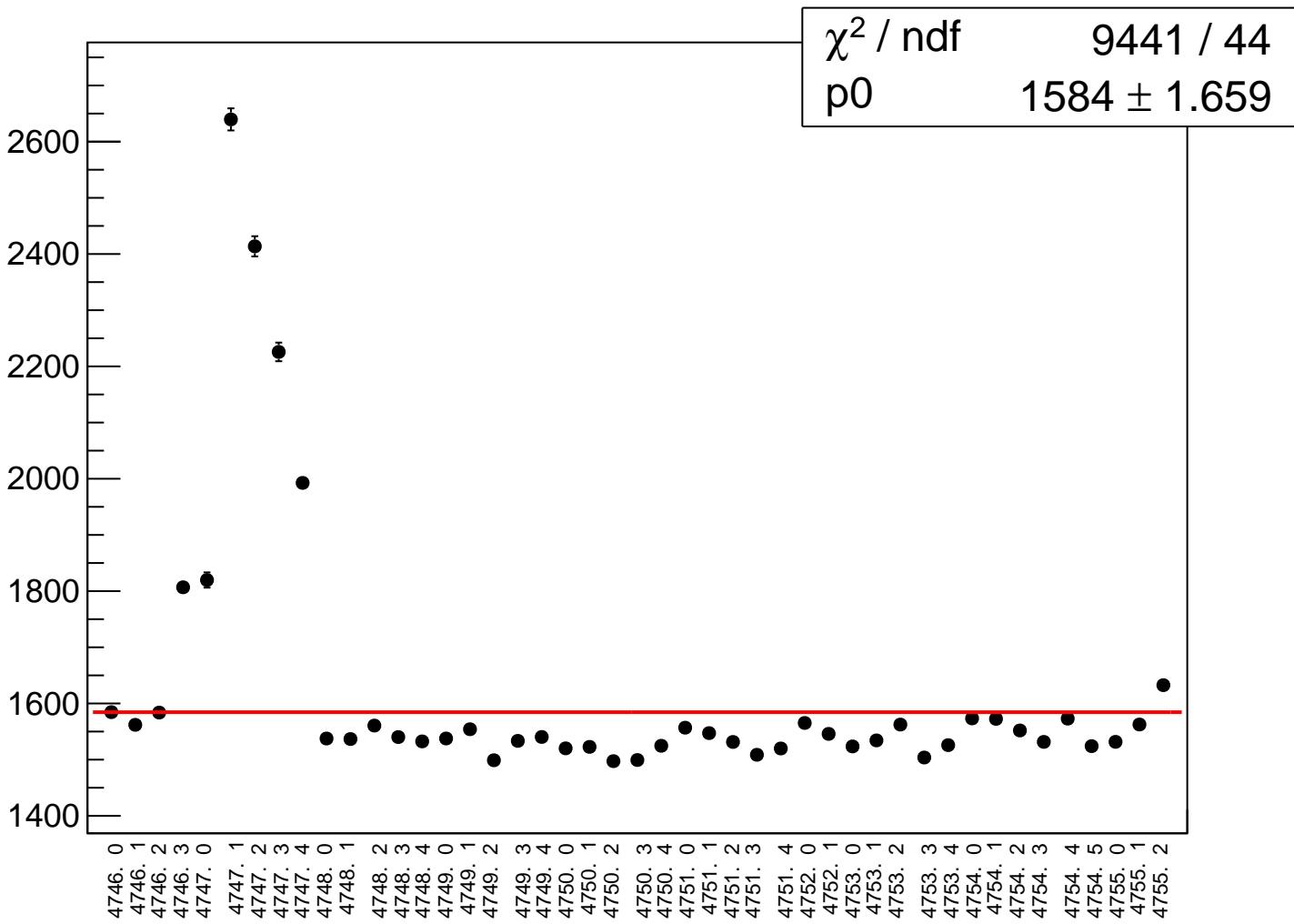
diff_cav4bY_rms vs run



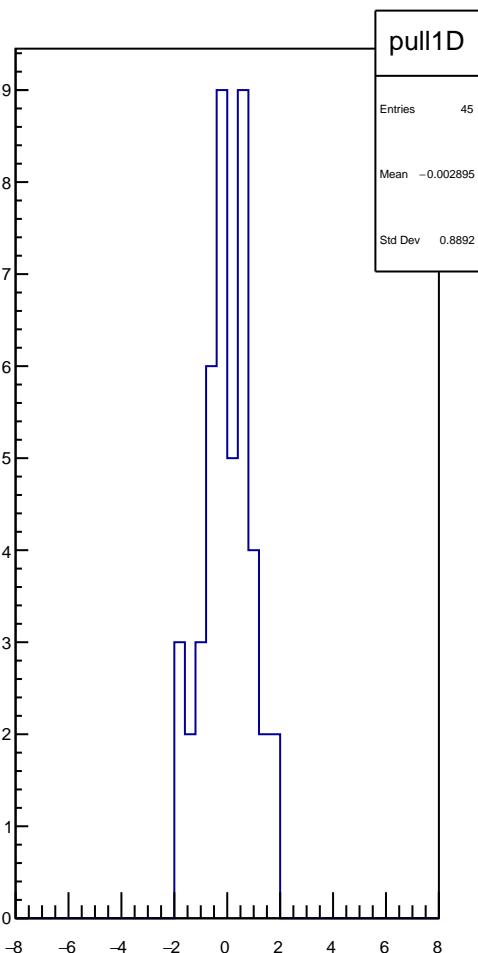
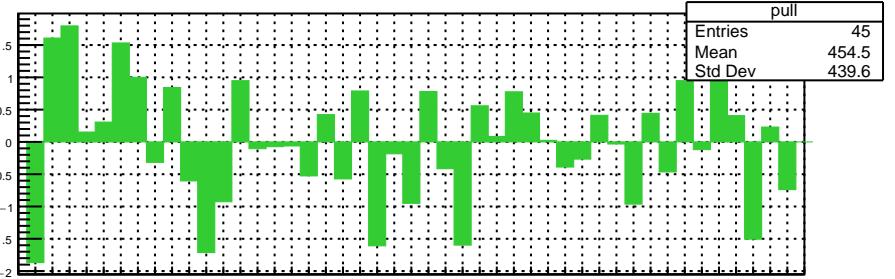
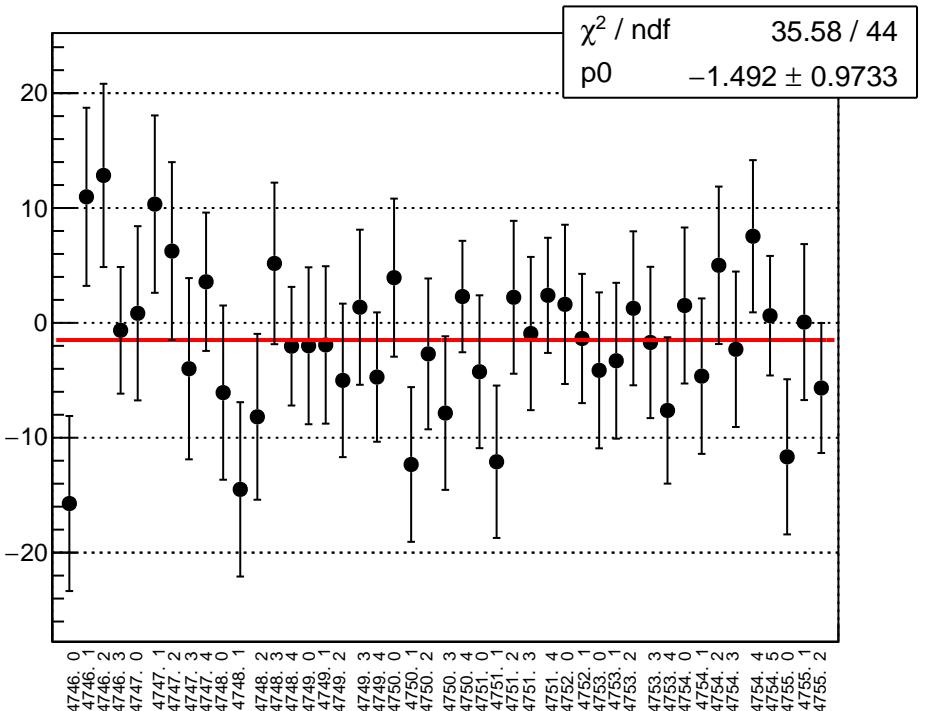
diff_cav4cX_mean vs run



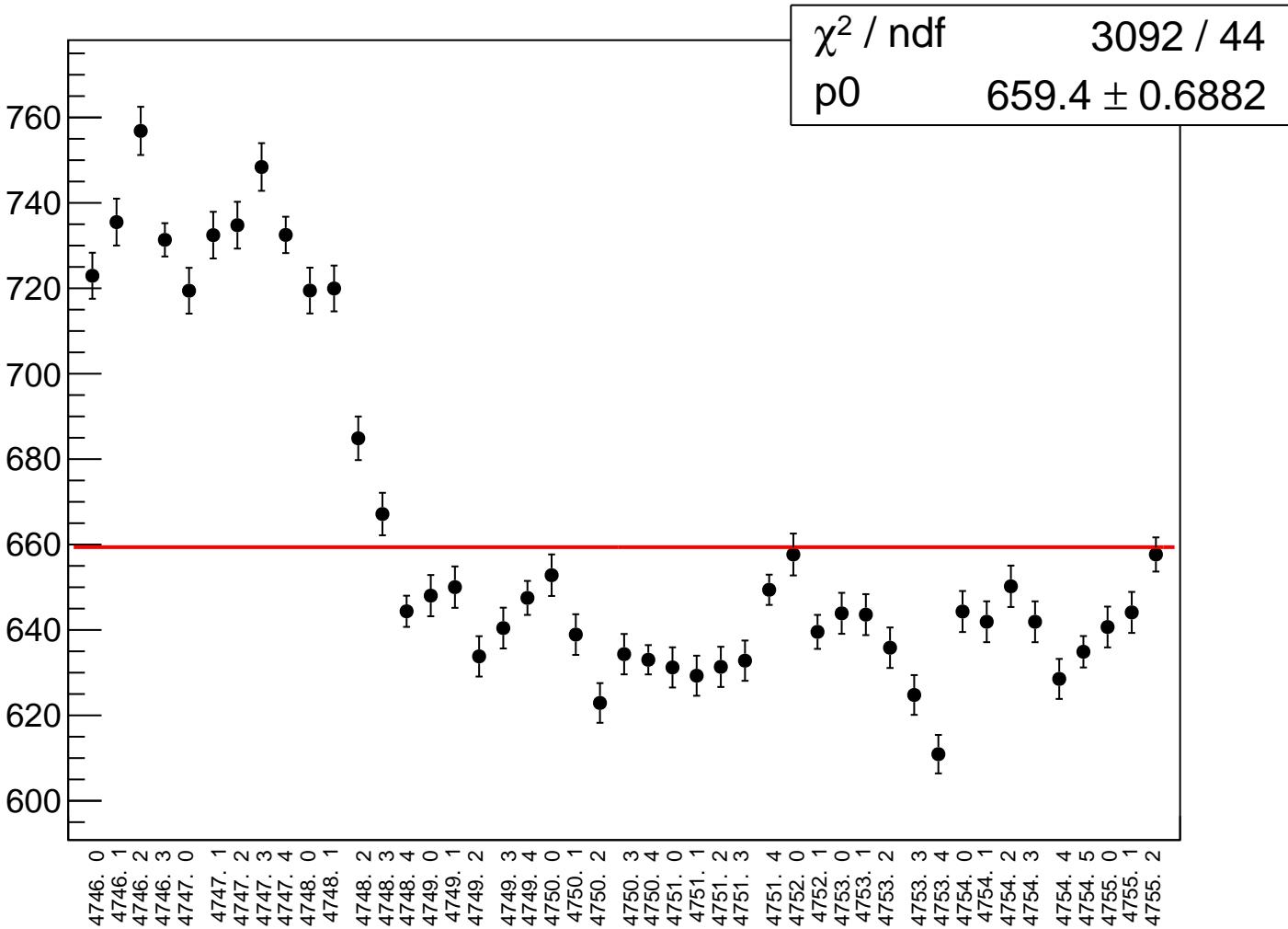
diff_cav4cX_rms vs run



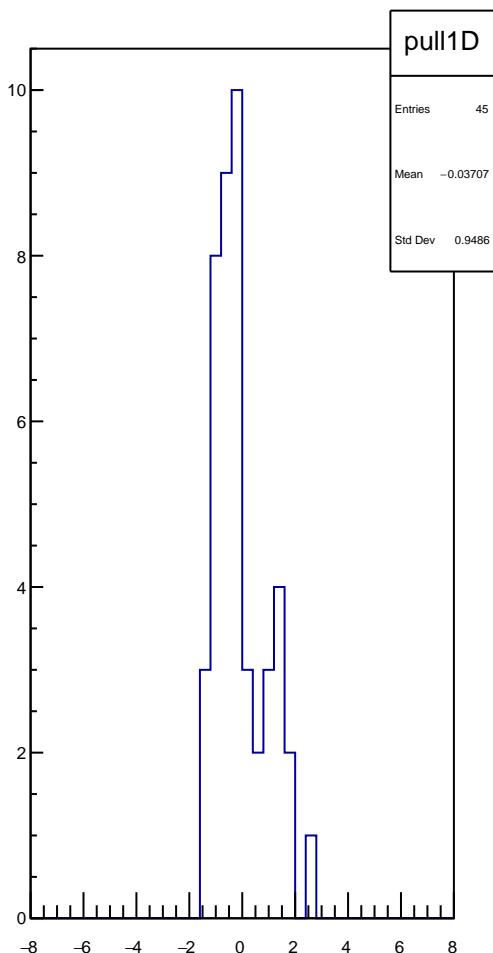
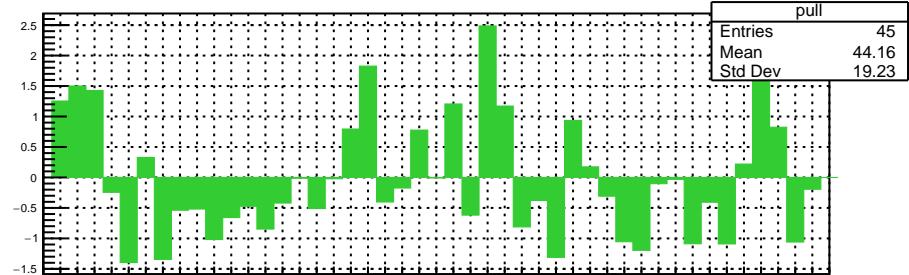
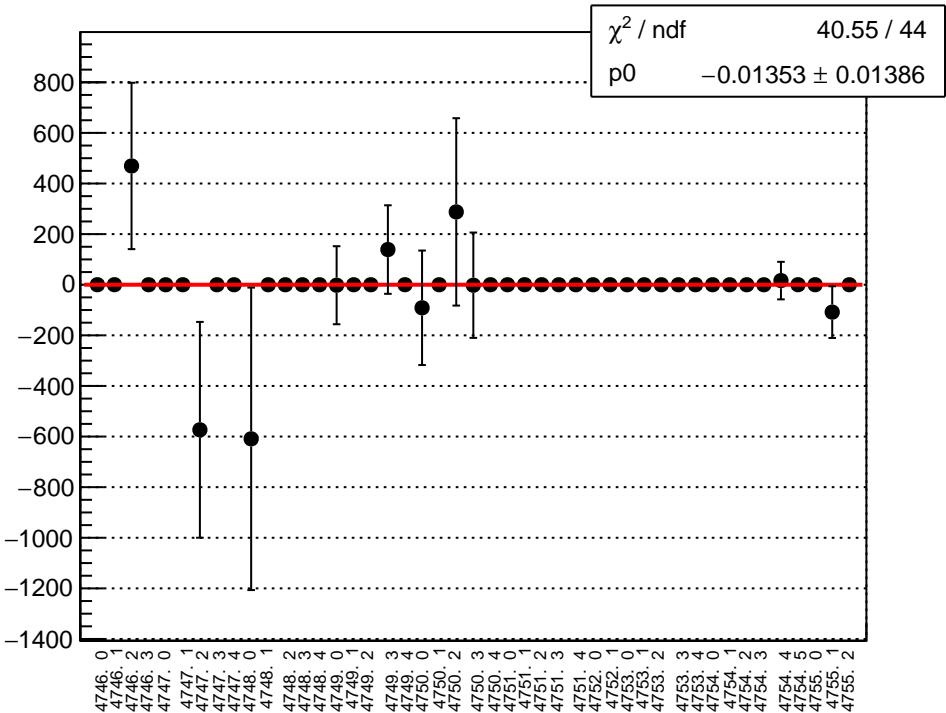
diff_cav4cY_mean vs run



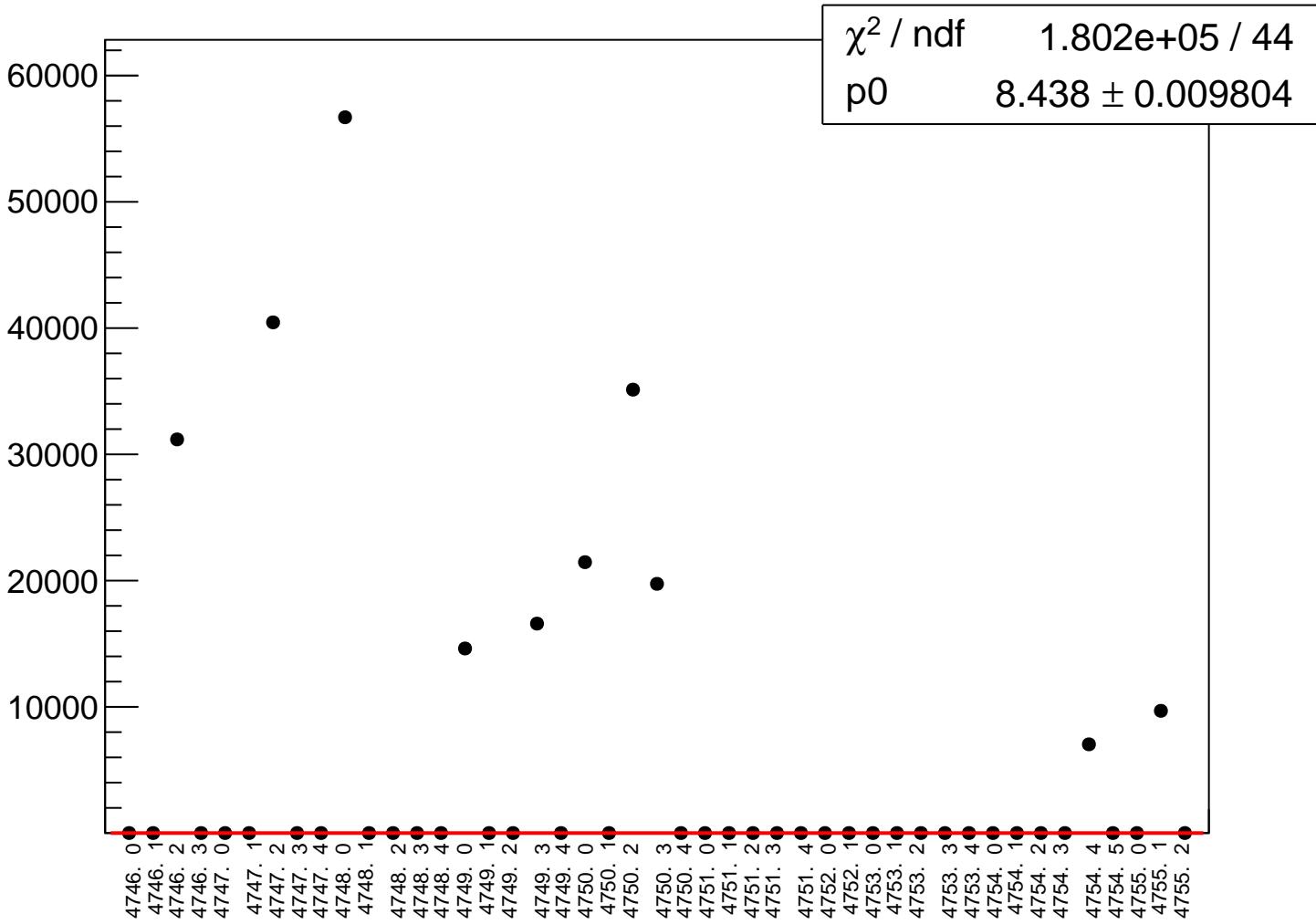
diff_cav4cY_rms vs run



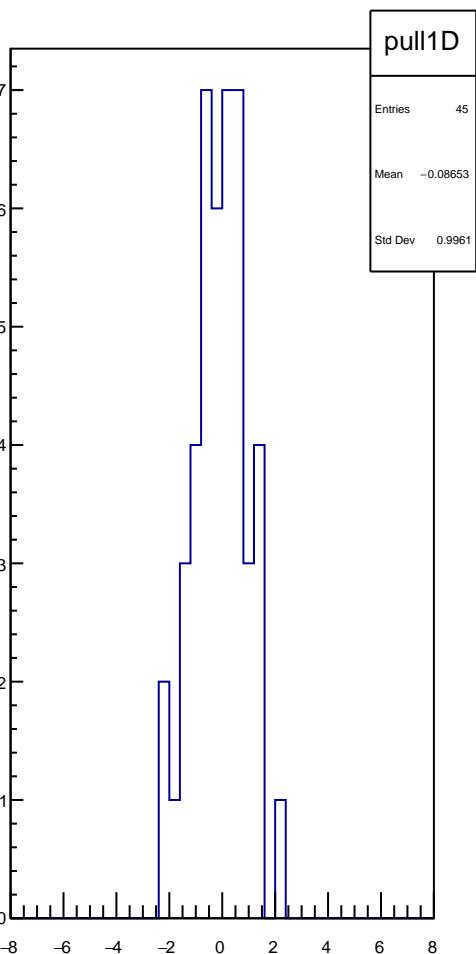
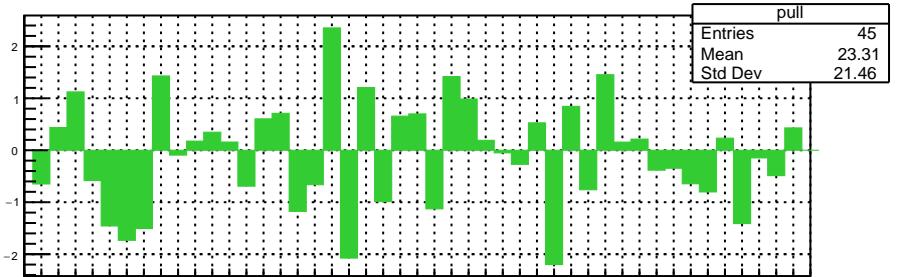
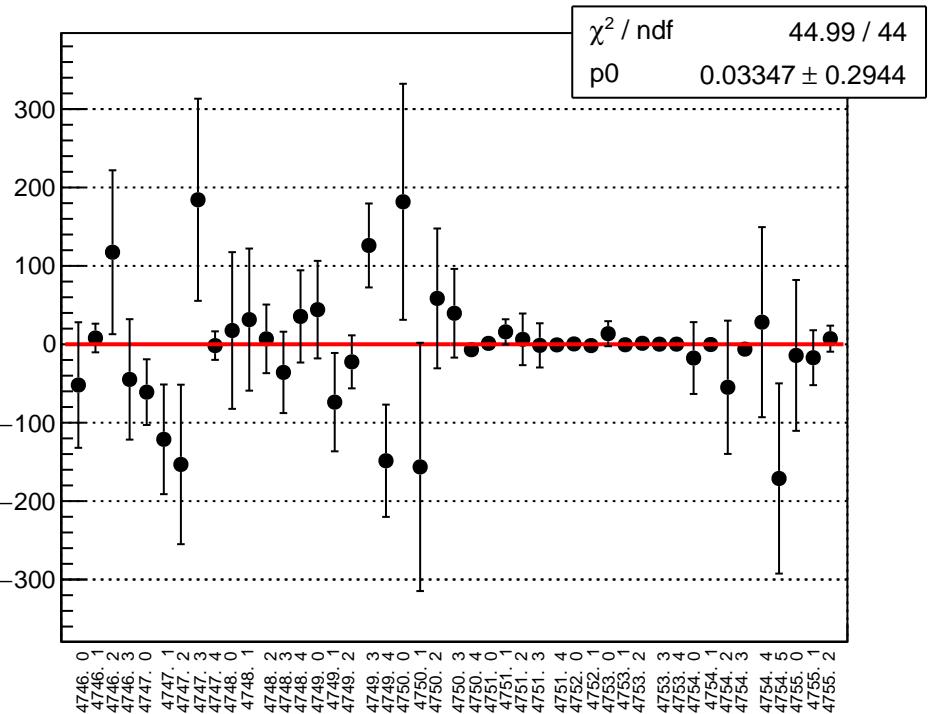
diff_cav4dX_mean vs run



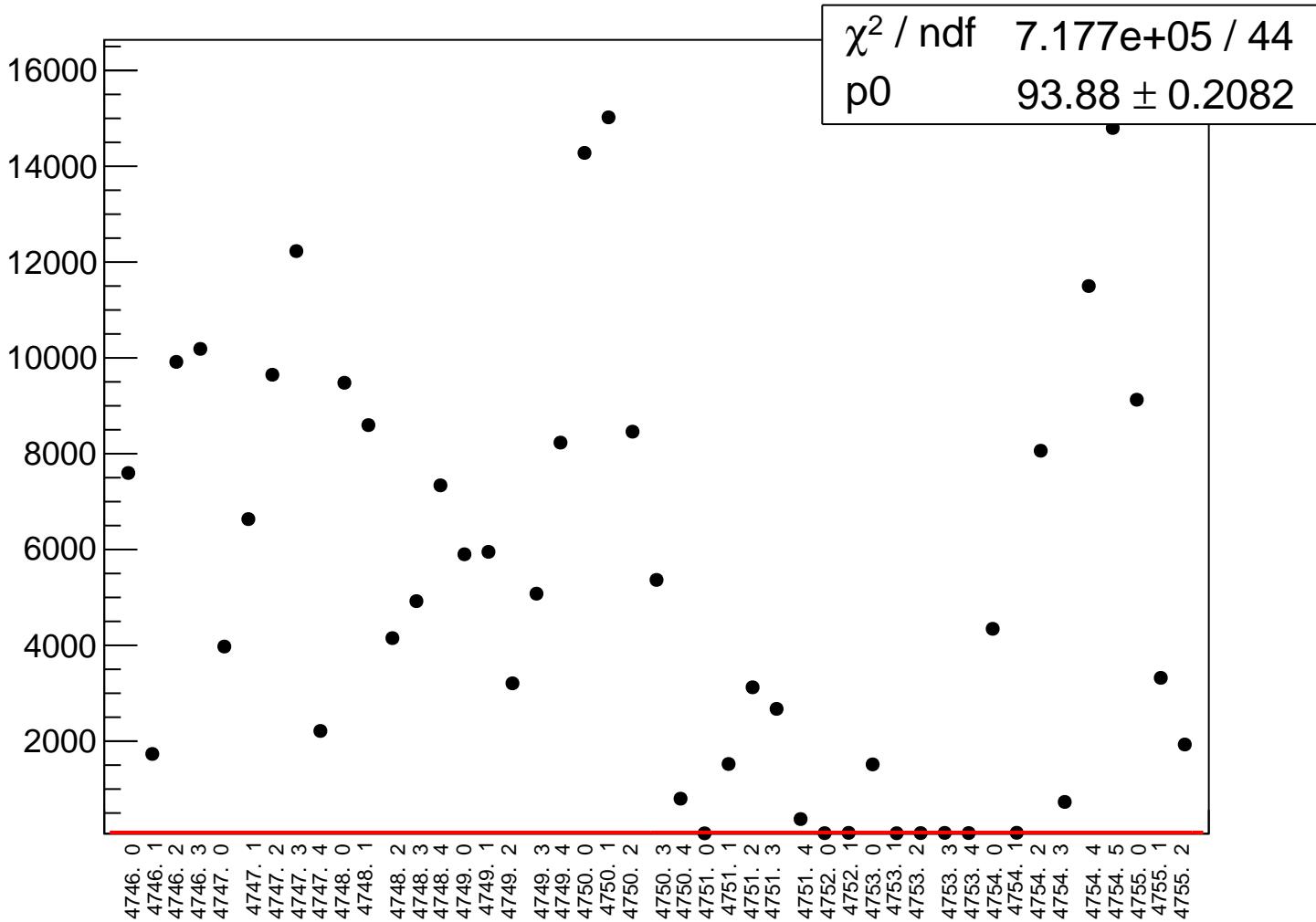
diff_cav4dX_rms vs run



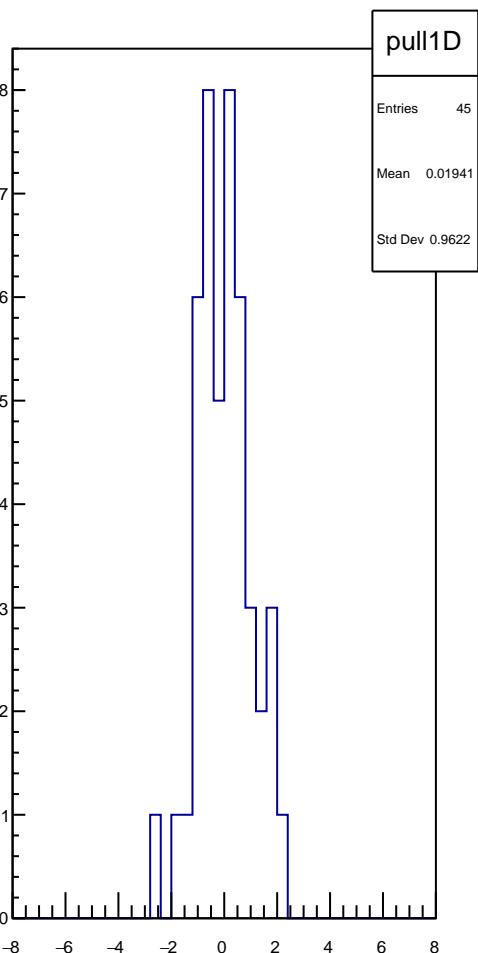
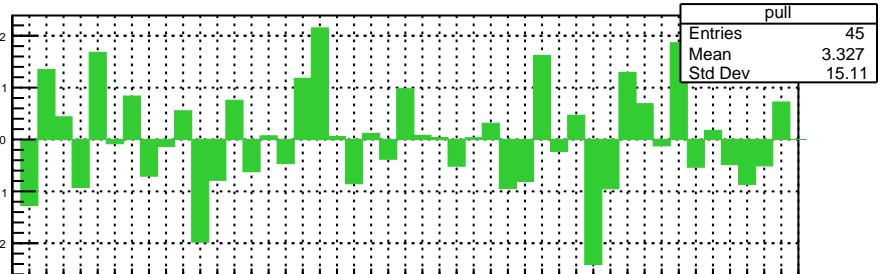
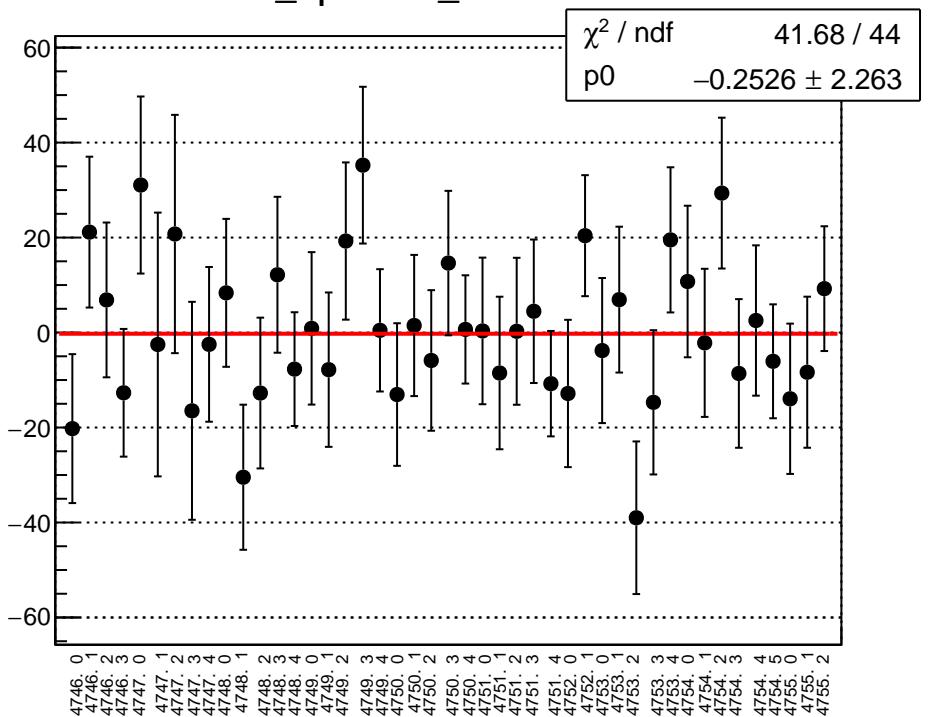
diff_cav4dY_mean vs run



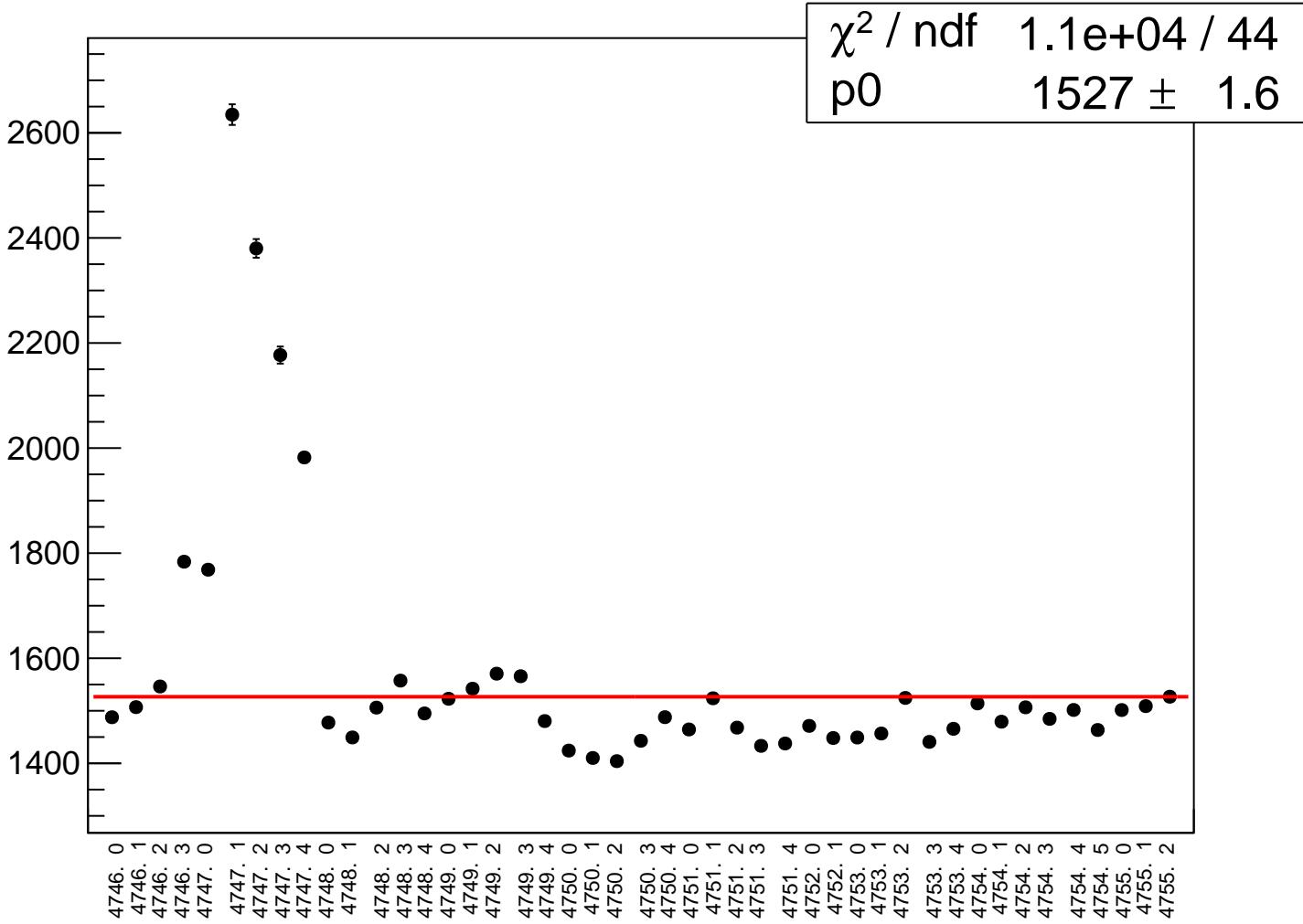
diff_cav4dY_rms vs run



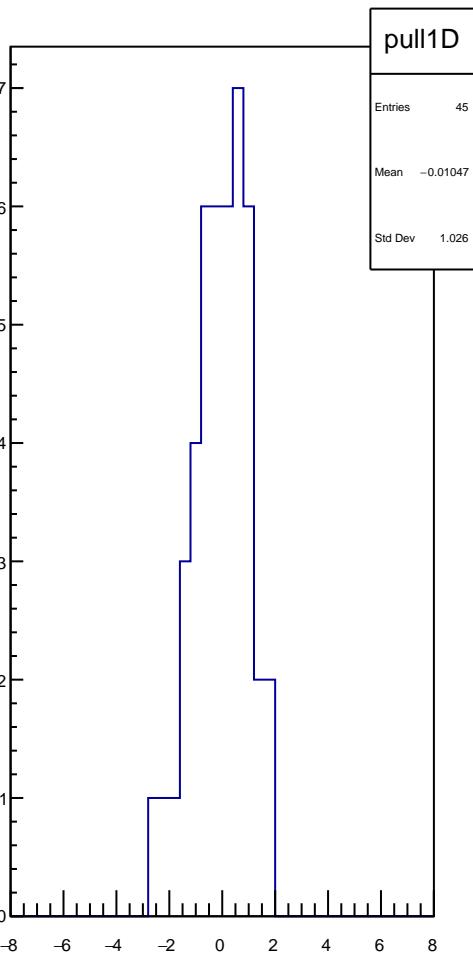
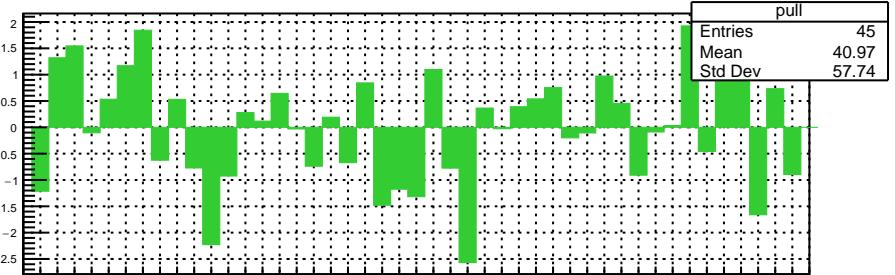
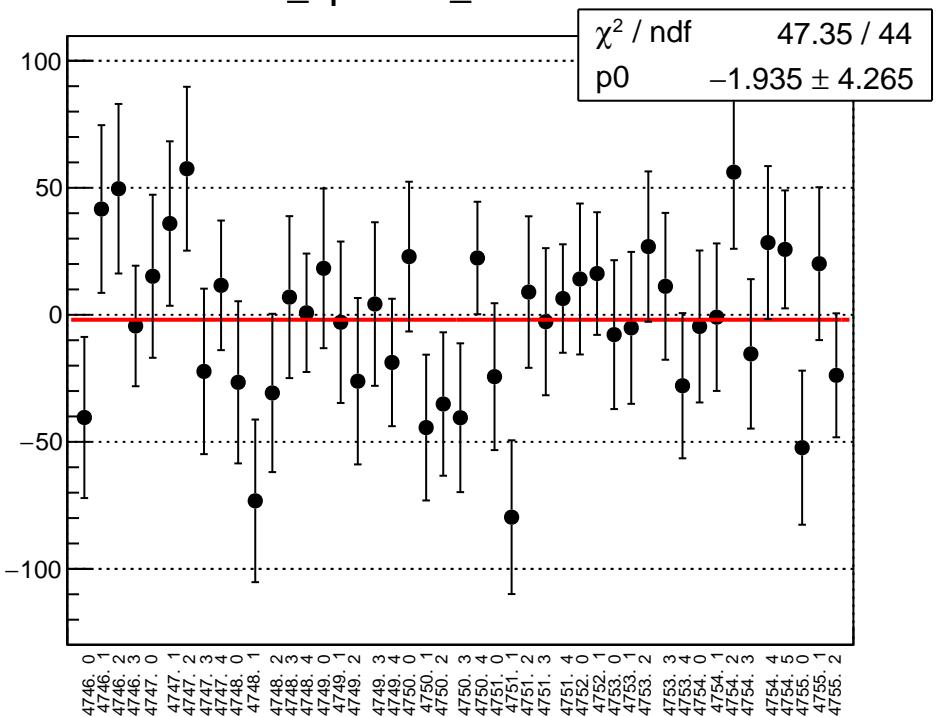
diff_bpm4aX_mean vs run



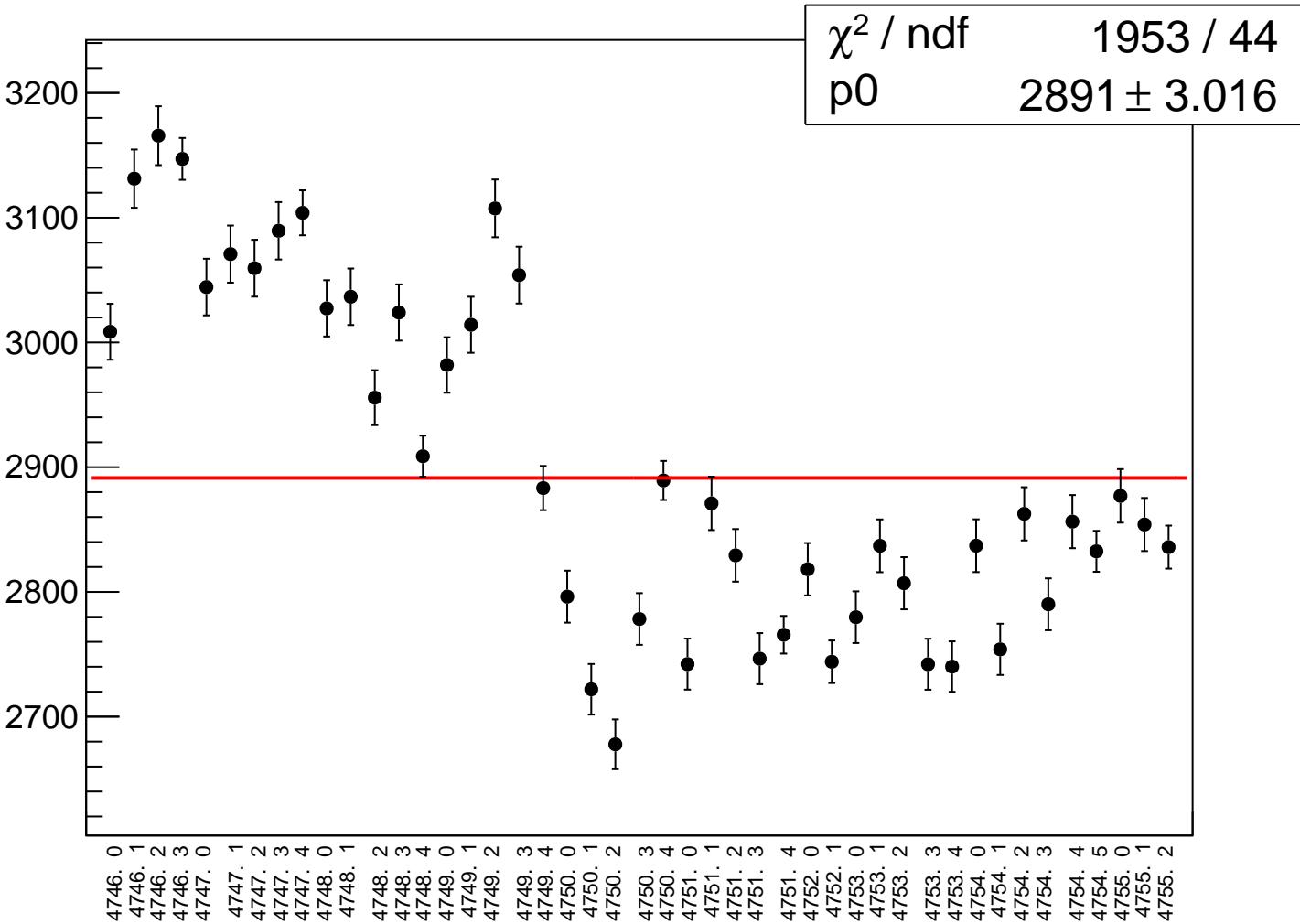
diff_bpm4aX_rms vs run



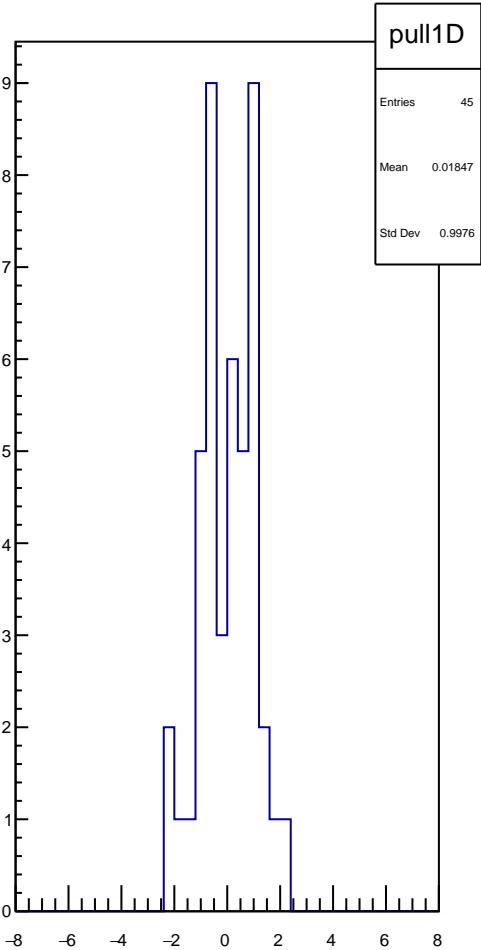
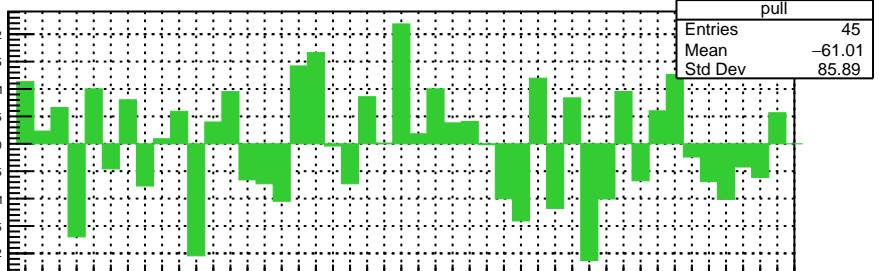
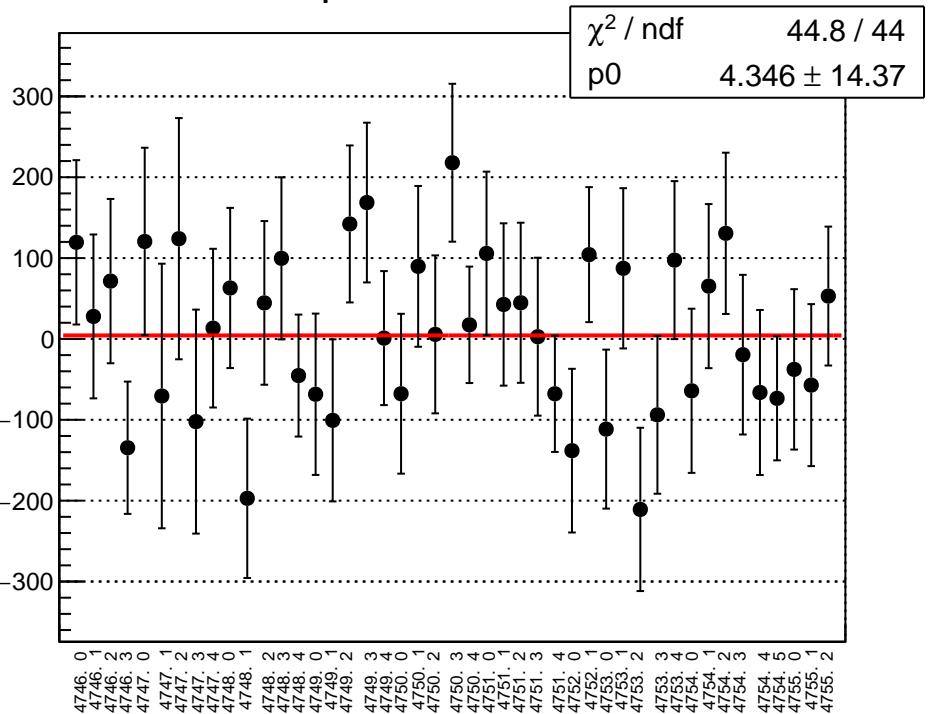
diff_bpm4aY_mean vs run



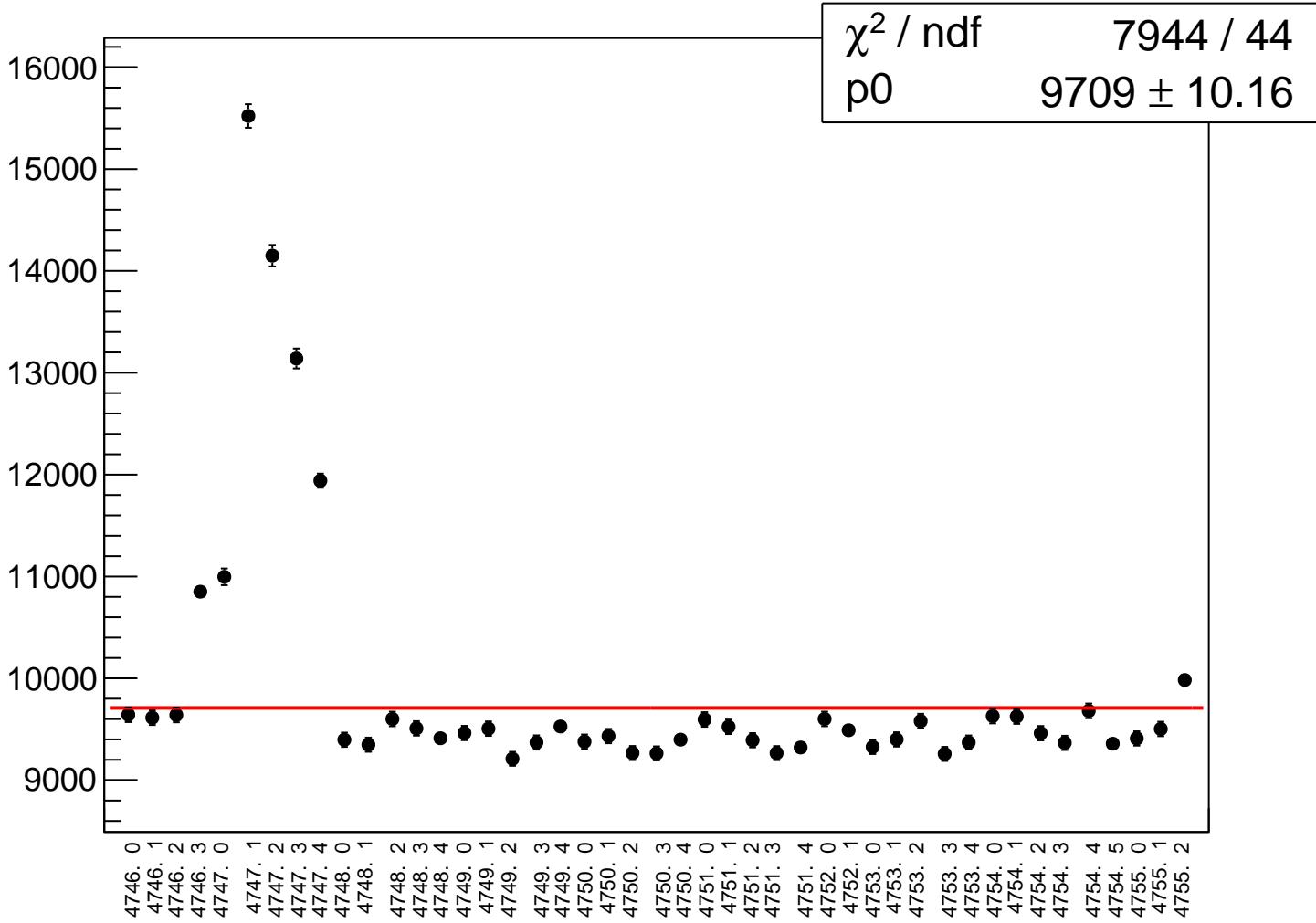
diff_bpm4aY_rms vs run



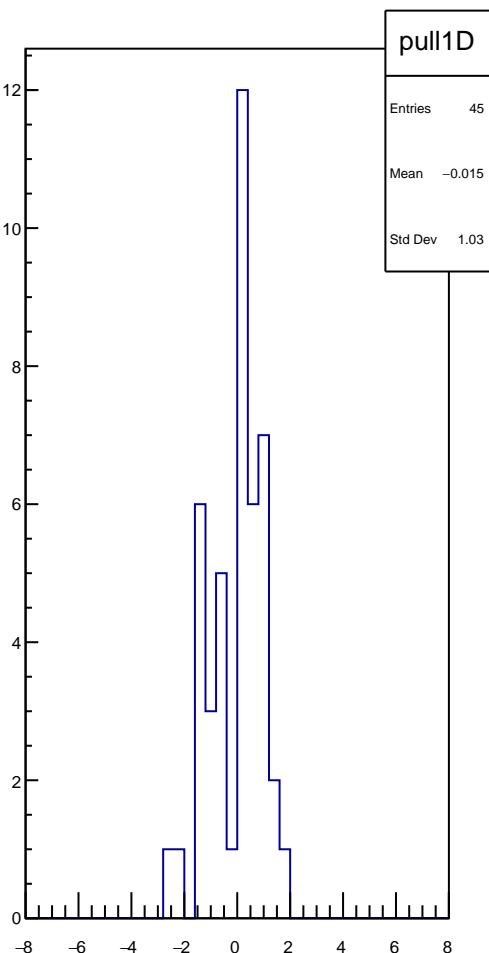
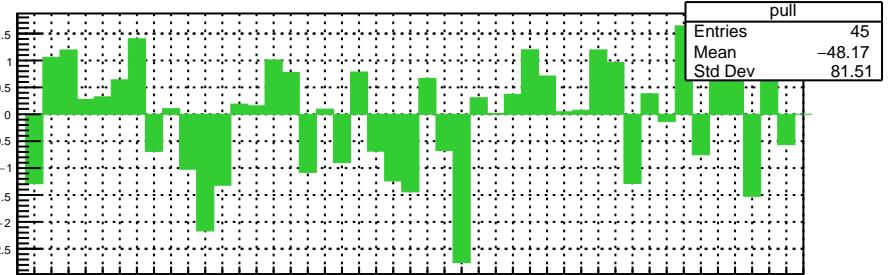
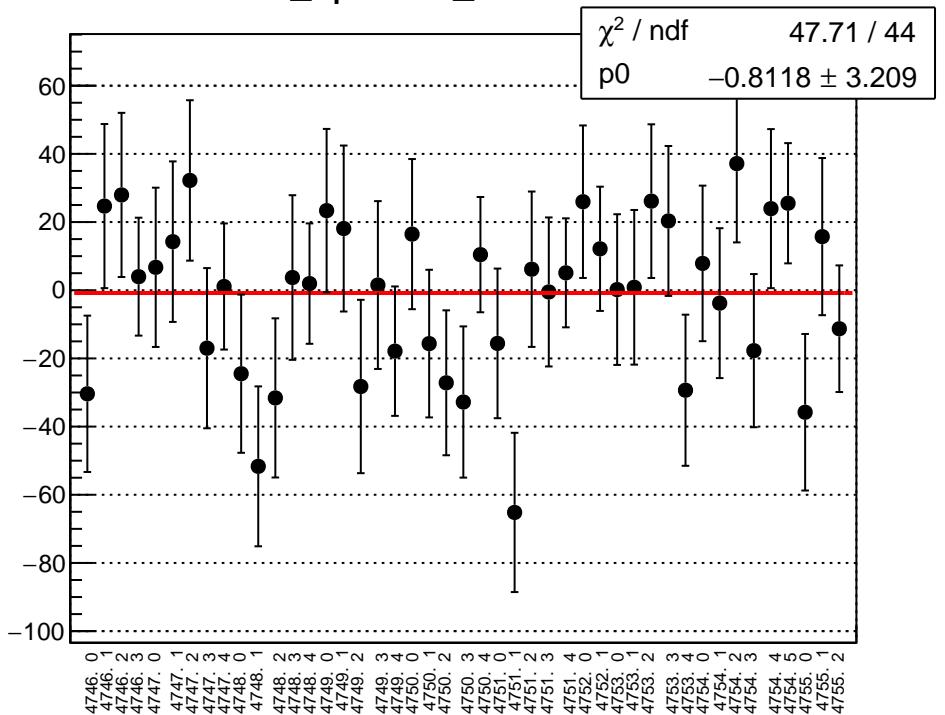
diff_bpm4eX_mean vs run



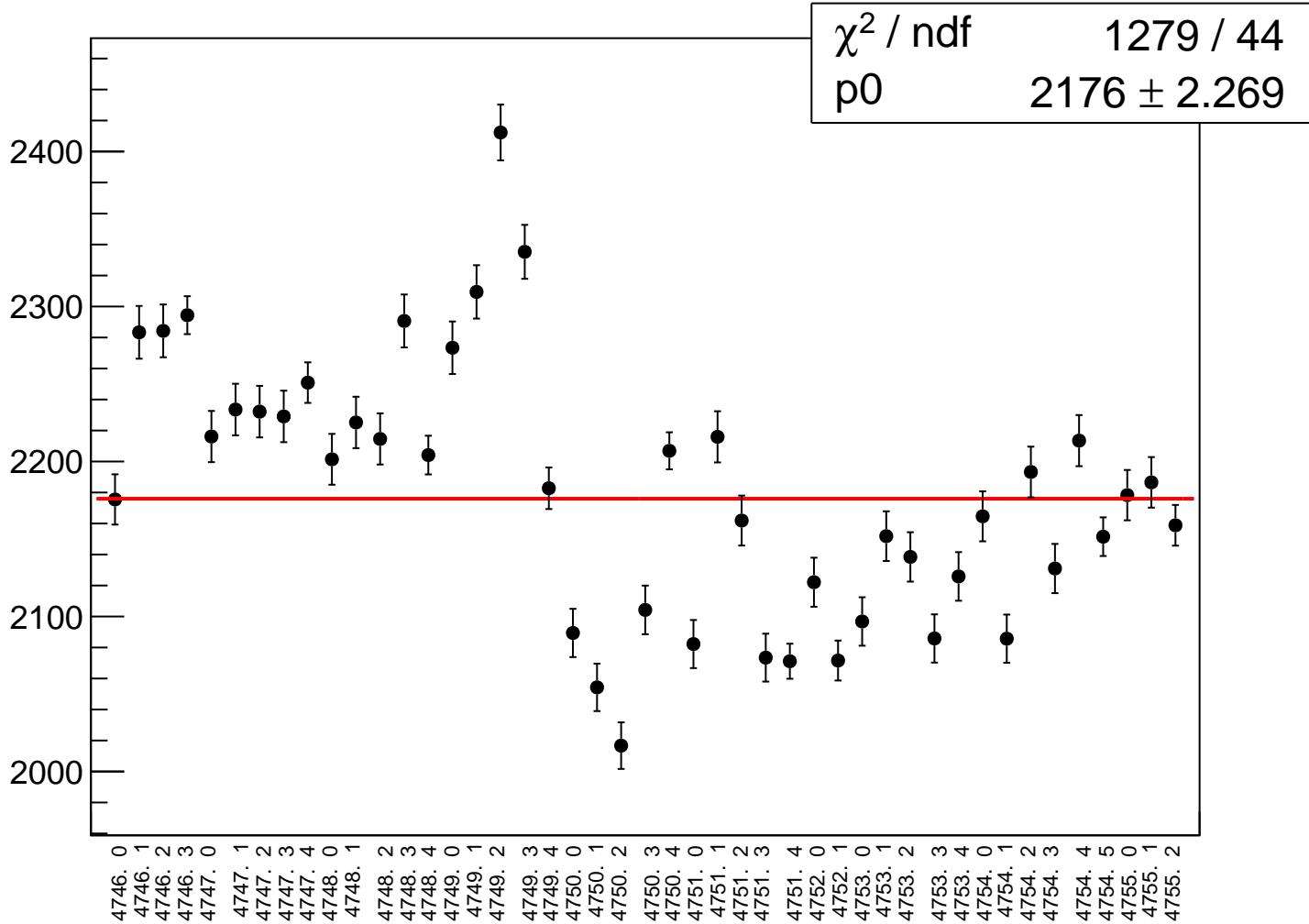
diff_bpm4eX_rms vs run



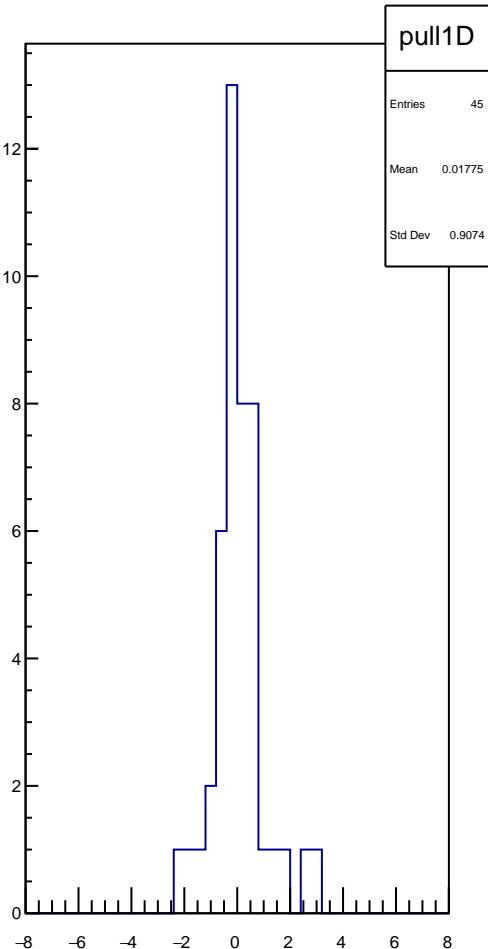
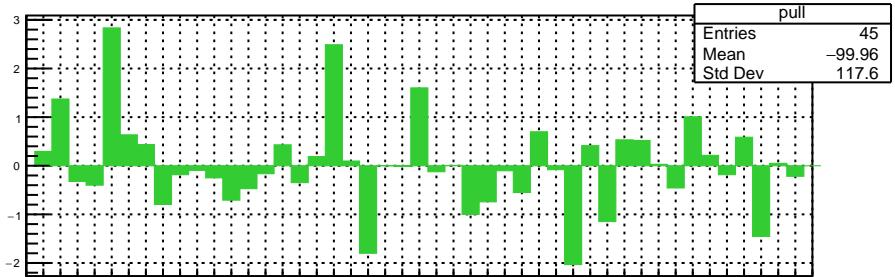
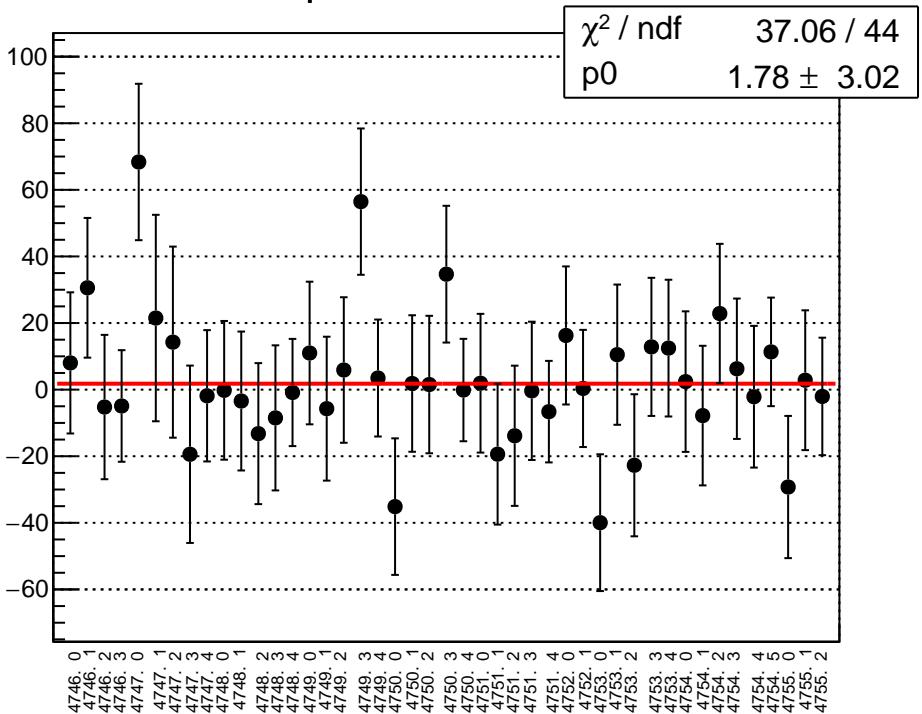
diff_bpm4eY_mean vs run



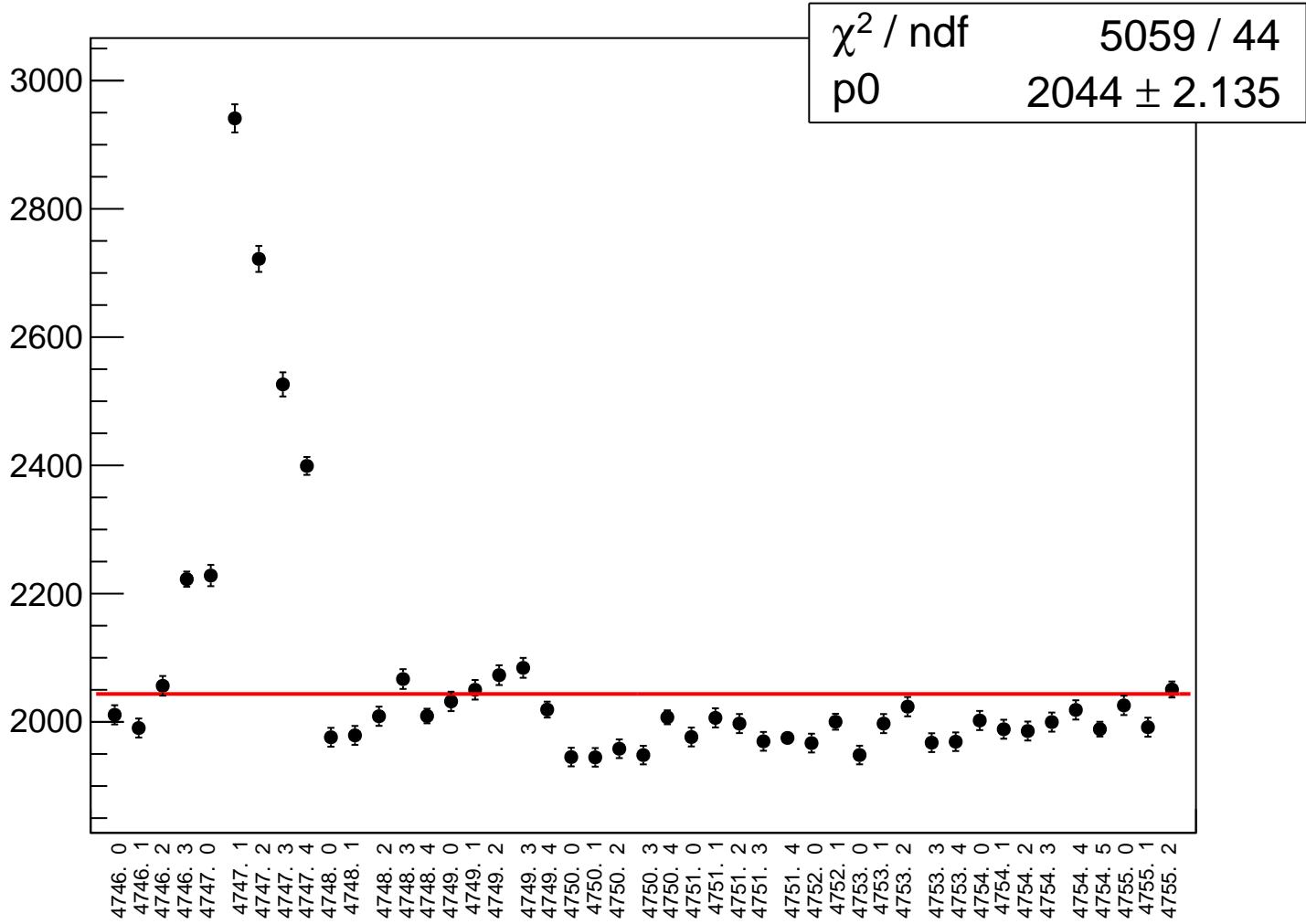
diff_bpm4eY_rms vs run



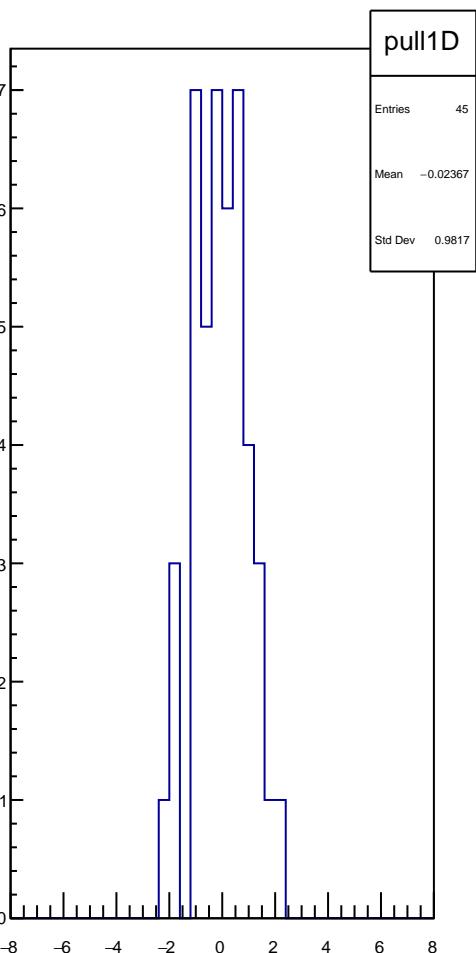
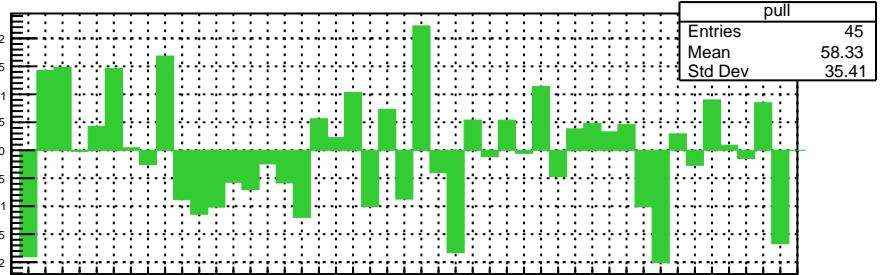
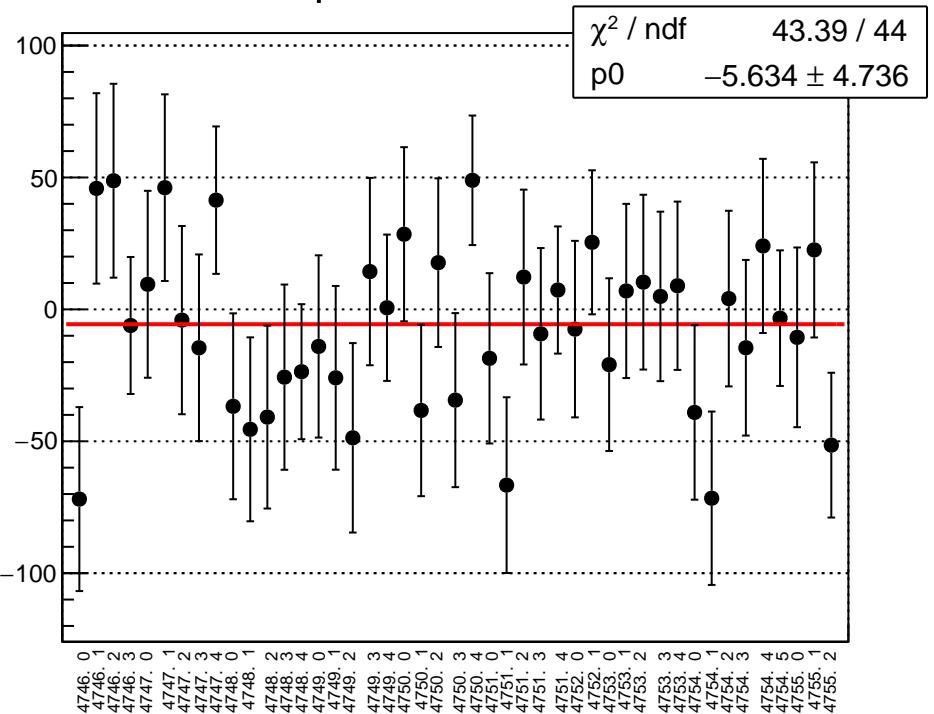
diff_bpm4acX_mean vs run



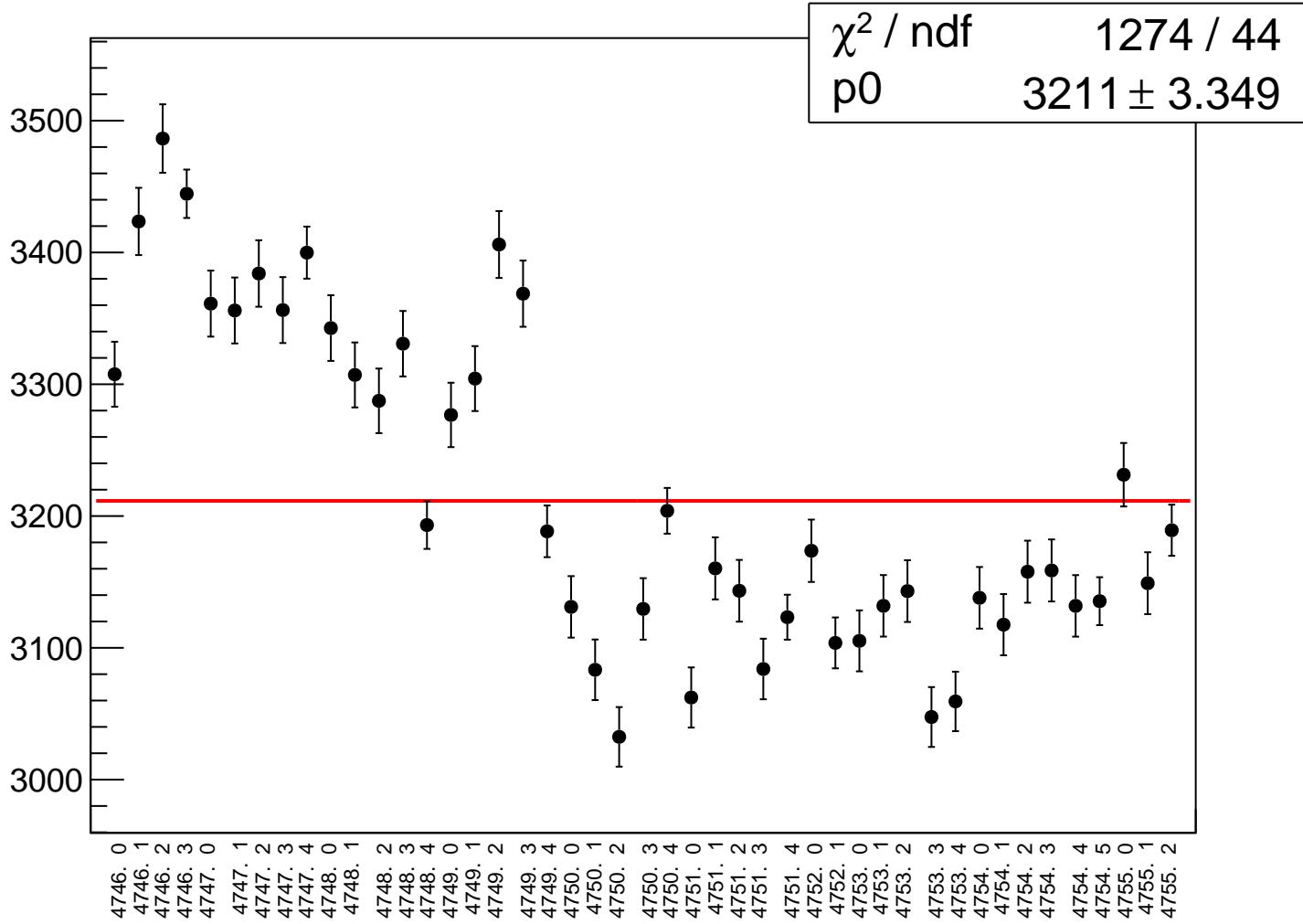
diff_bpm4acX_rms vs run



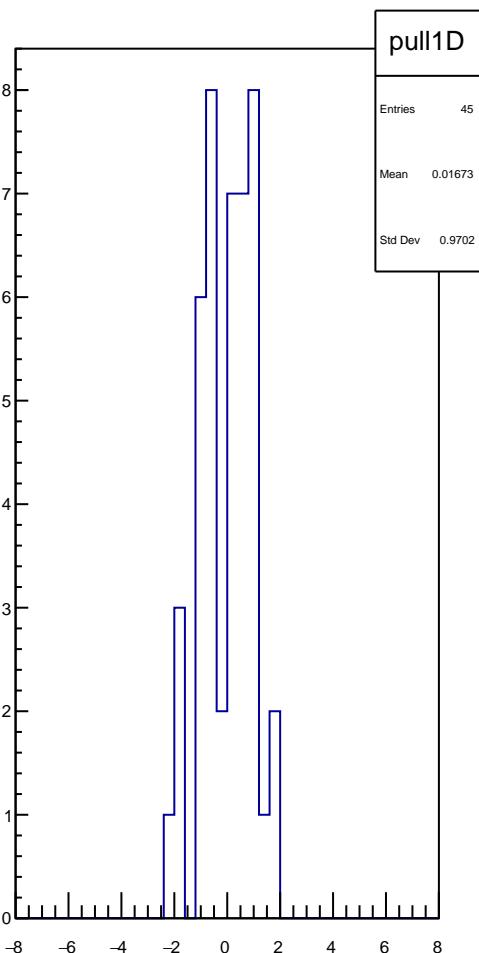
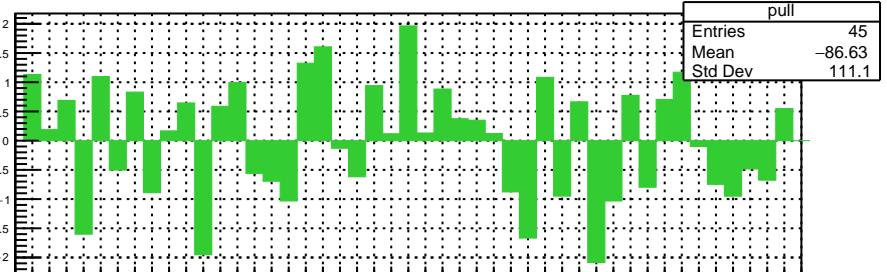
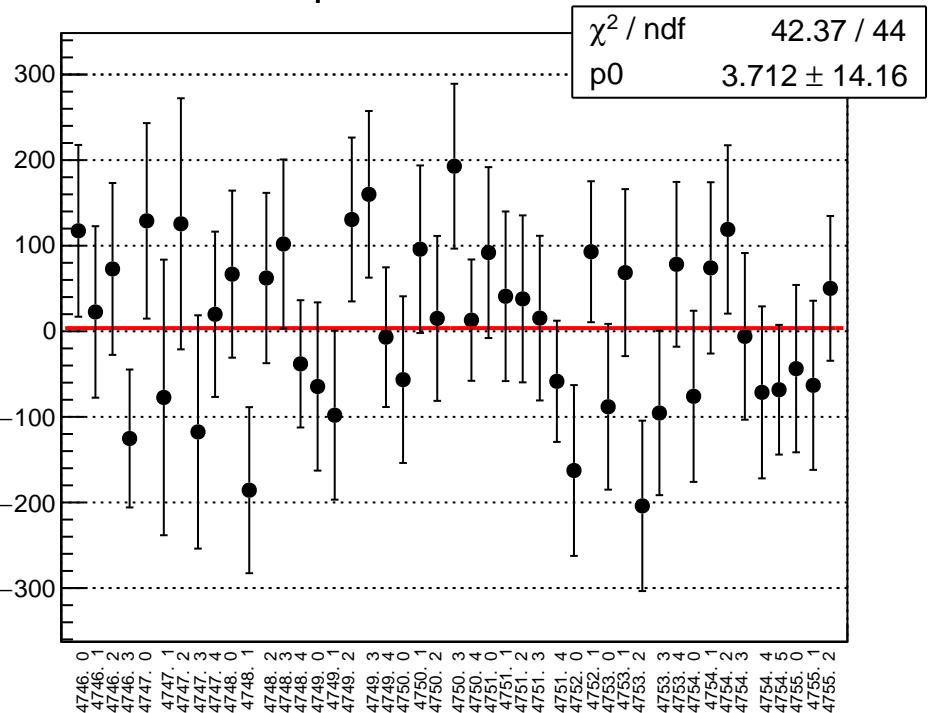
diff_bpm4acY_mean vs run



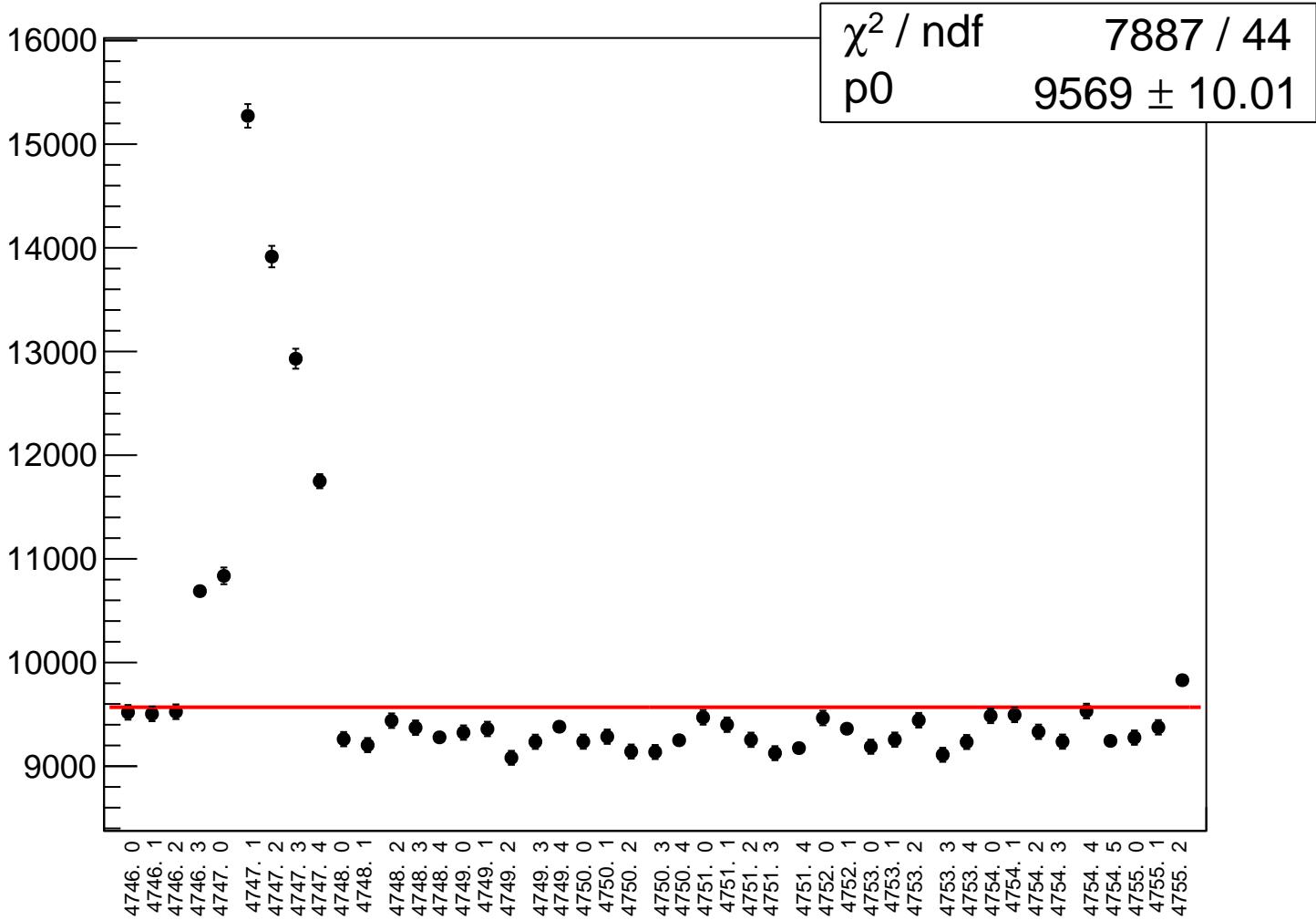
diff_bpm4acY_rms vs run



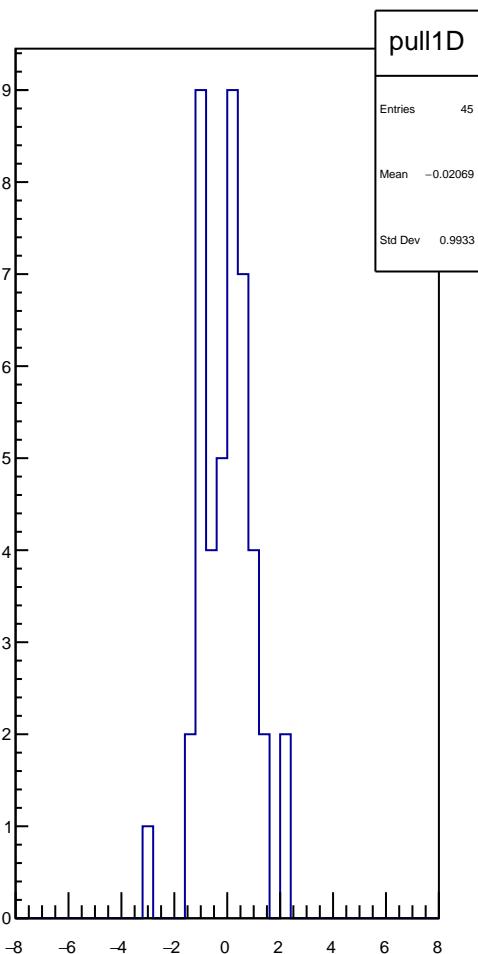
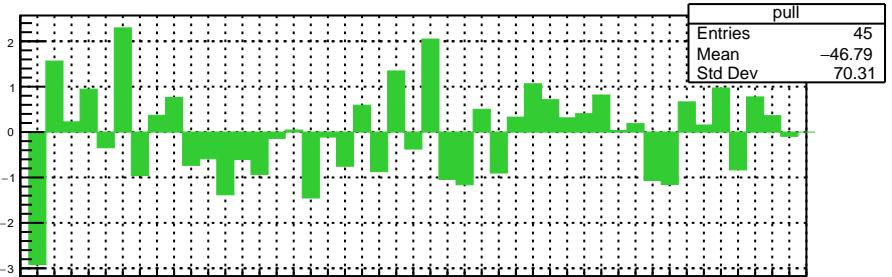
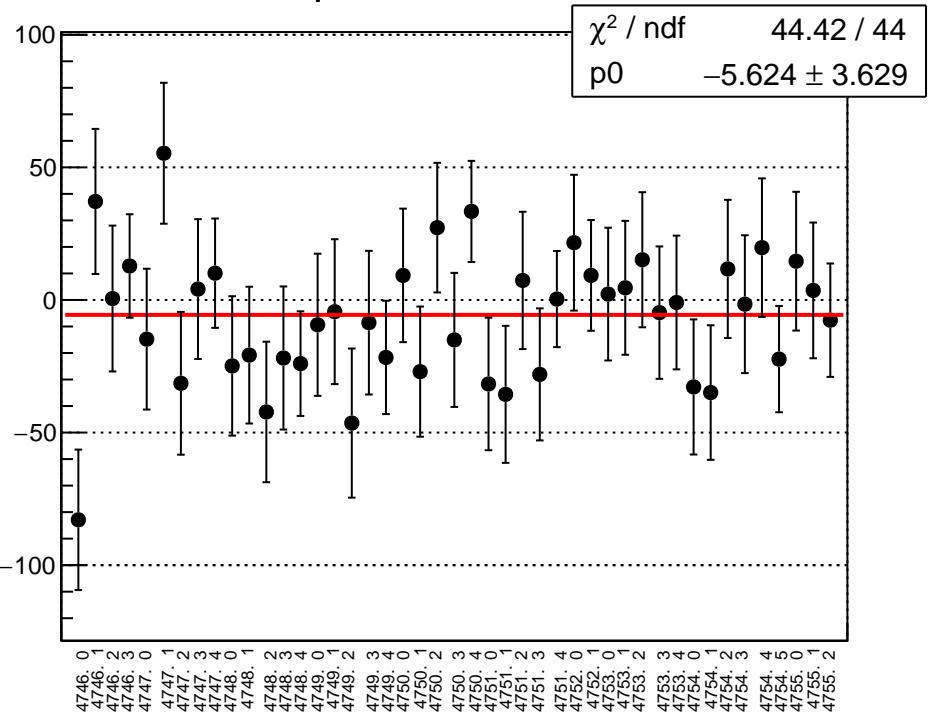
diff_bpm4ecX_mean vs run



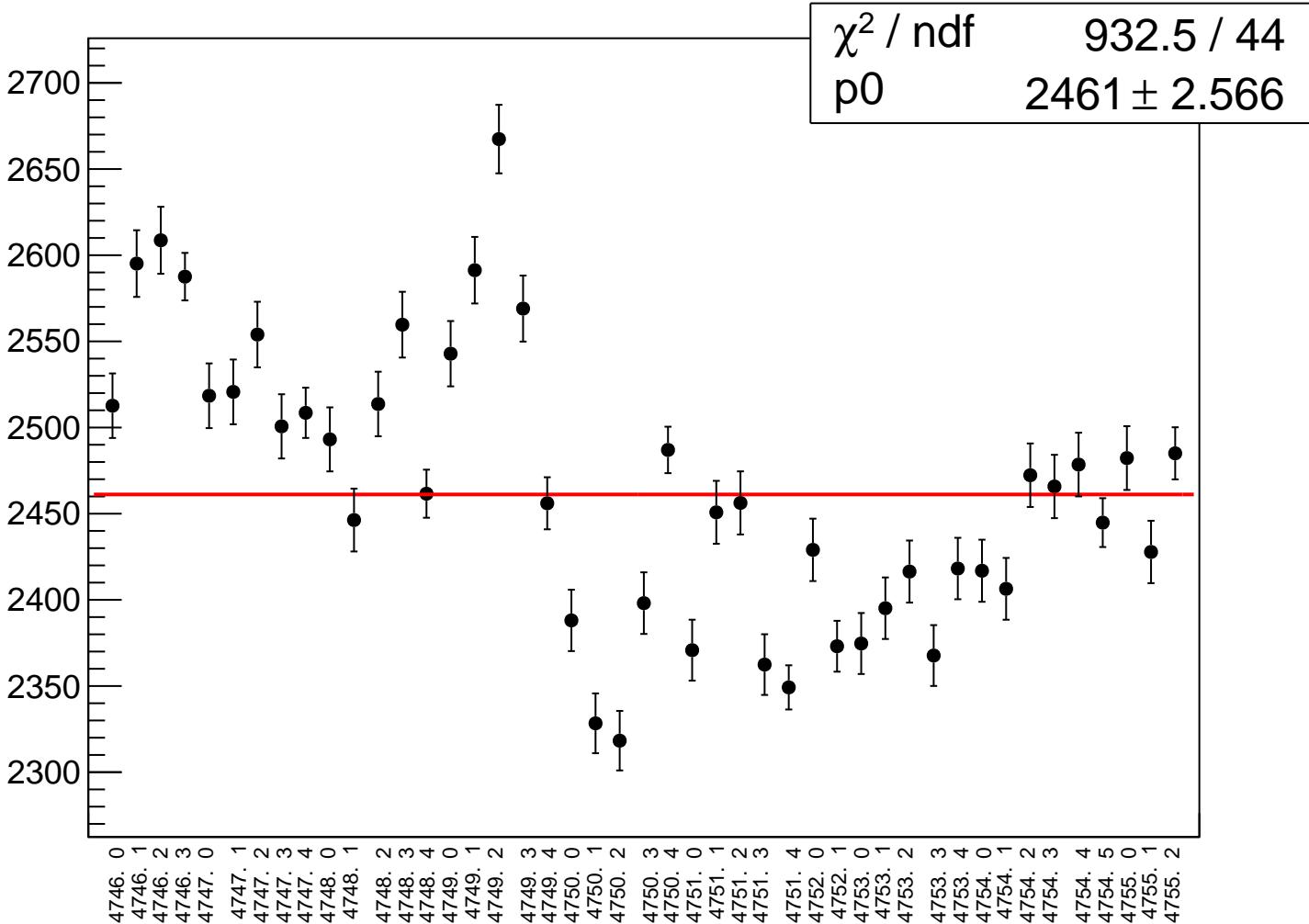
diff_bpm4ecX_rms vs run



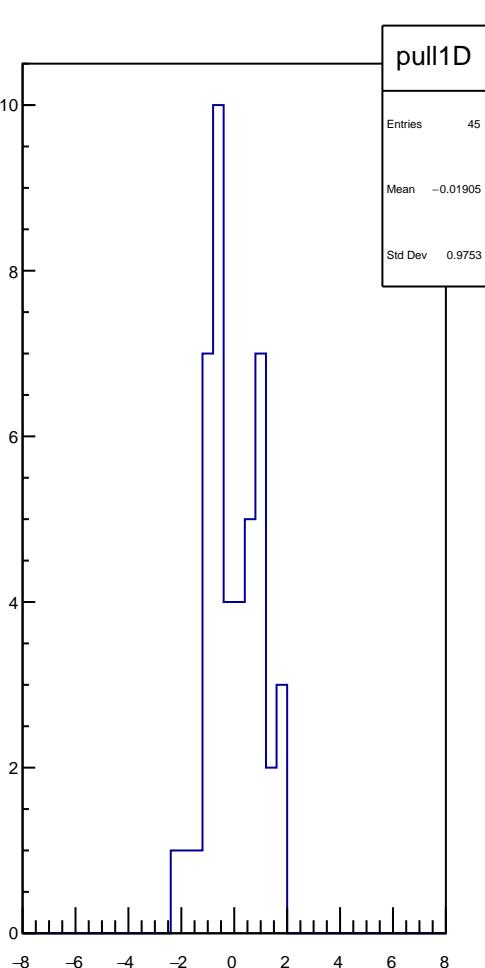
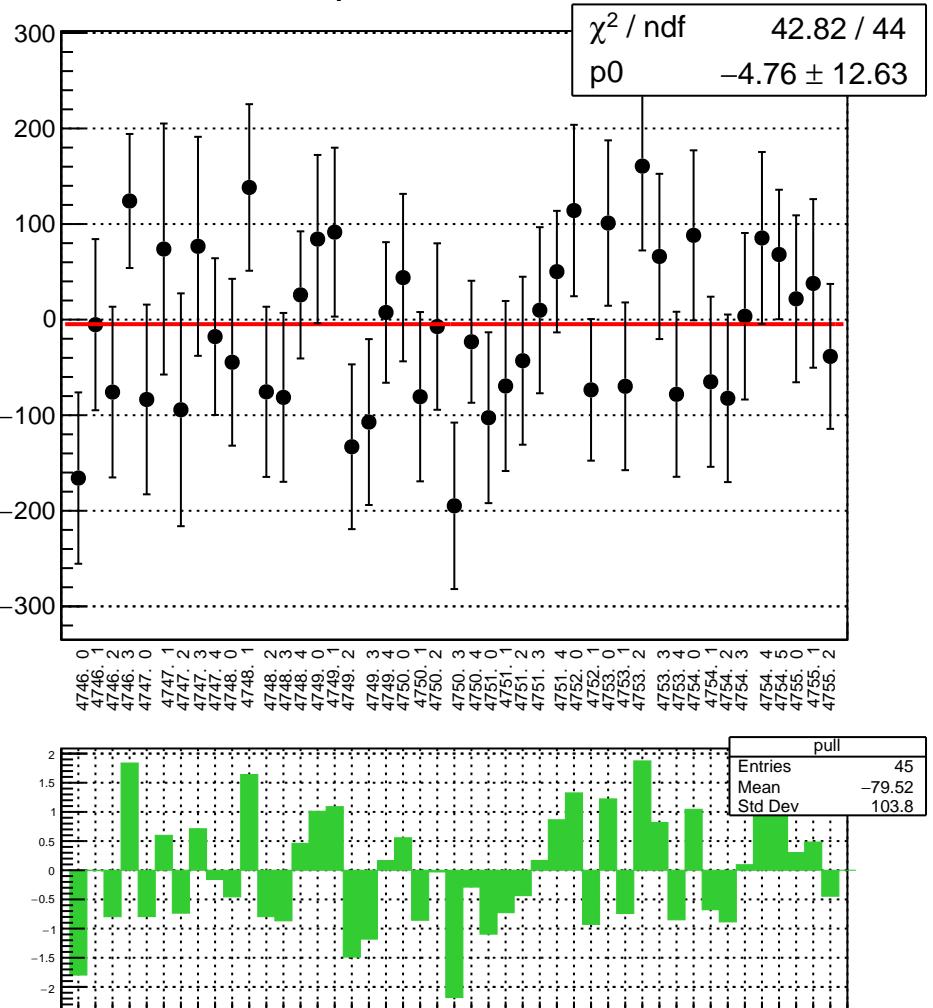
diff_bpm4ecY_mean vs run



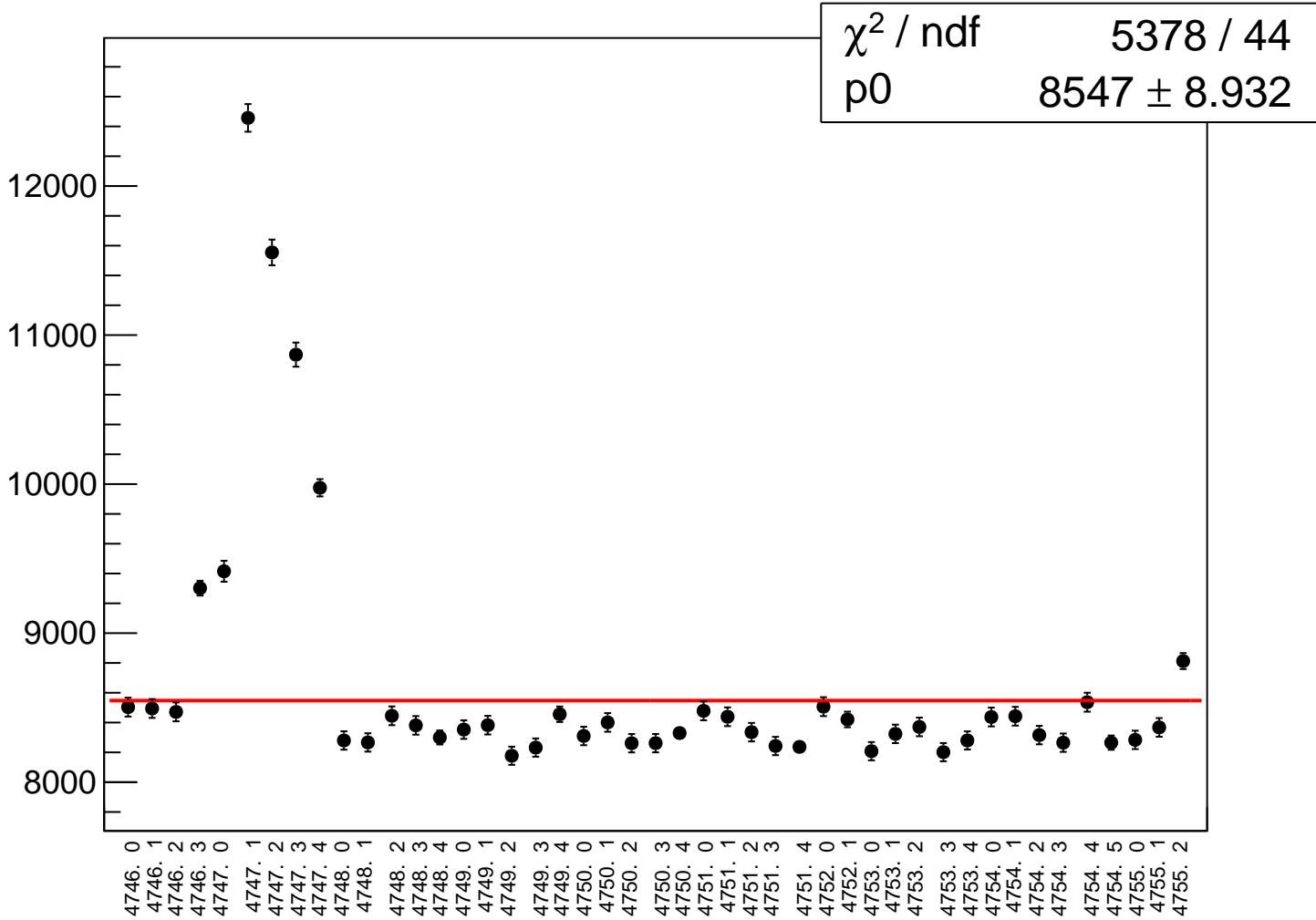
diff_bpm4ecY_rms vs run



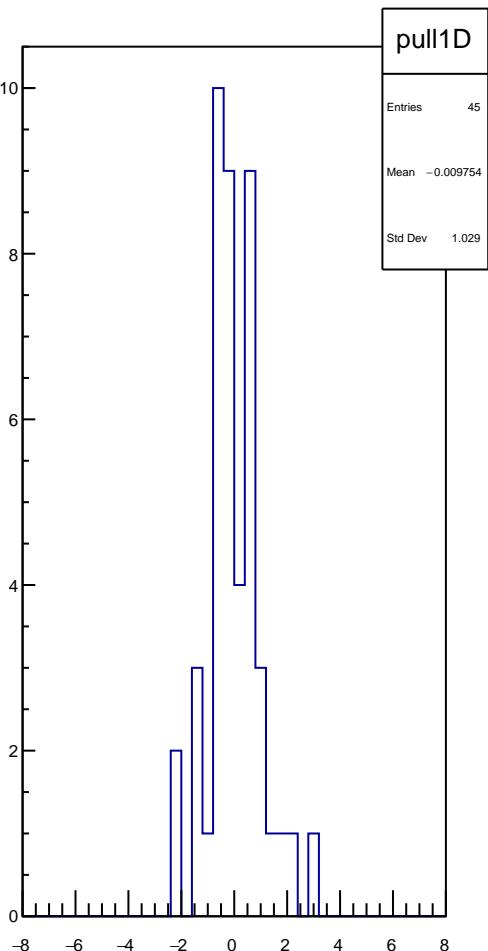
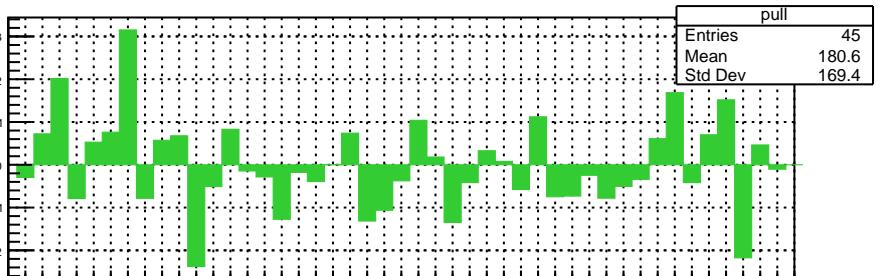
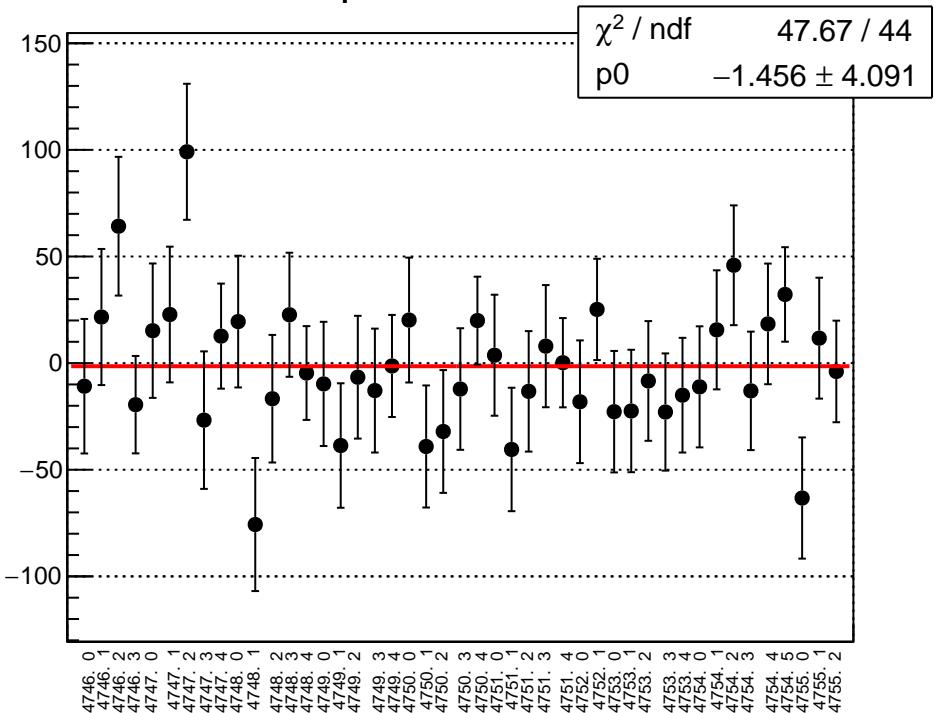
diff_bpm1X_mean vs run



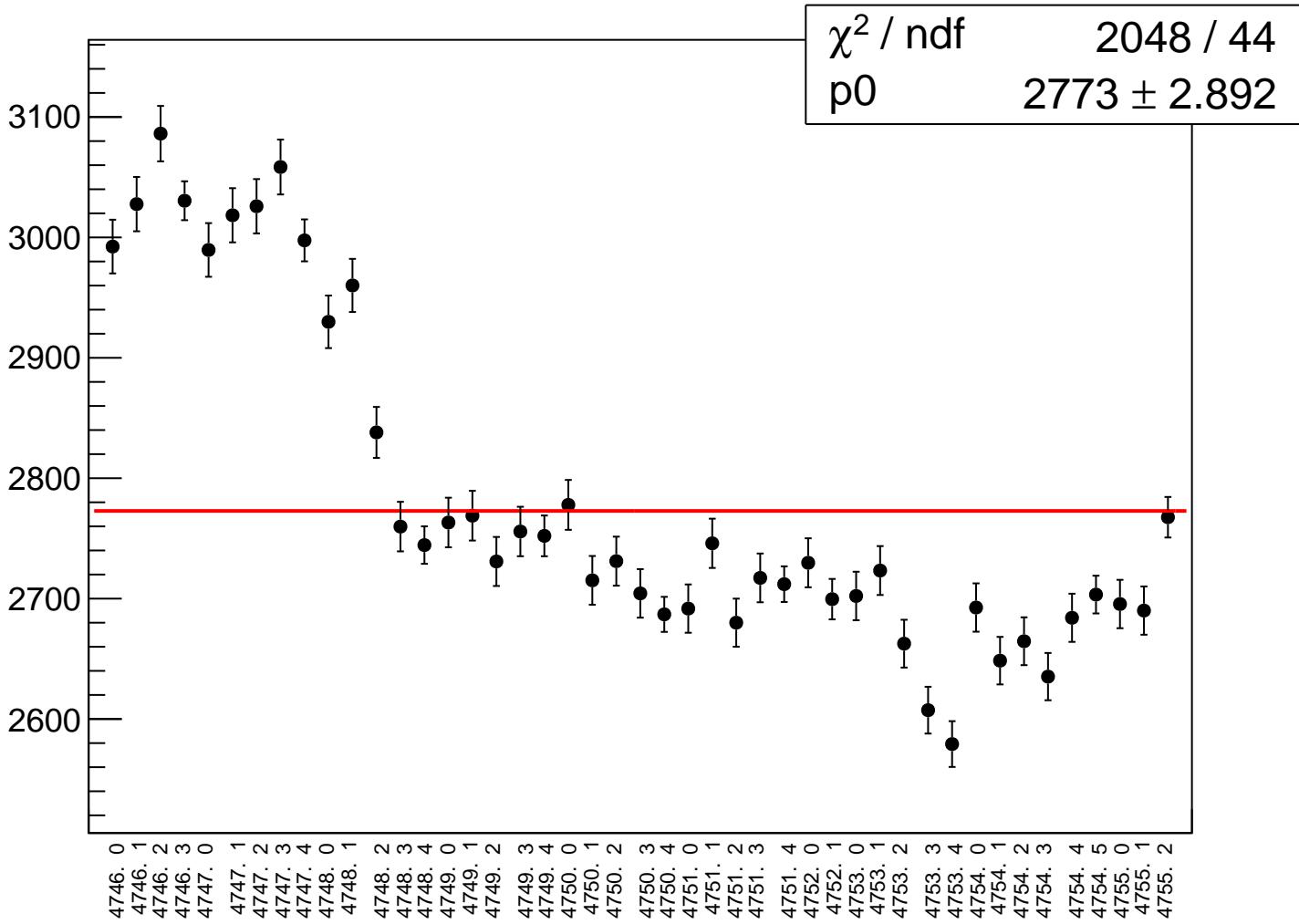
diff_bpm1X_rms vs run



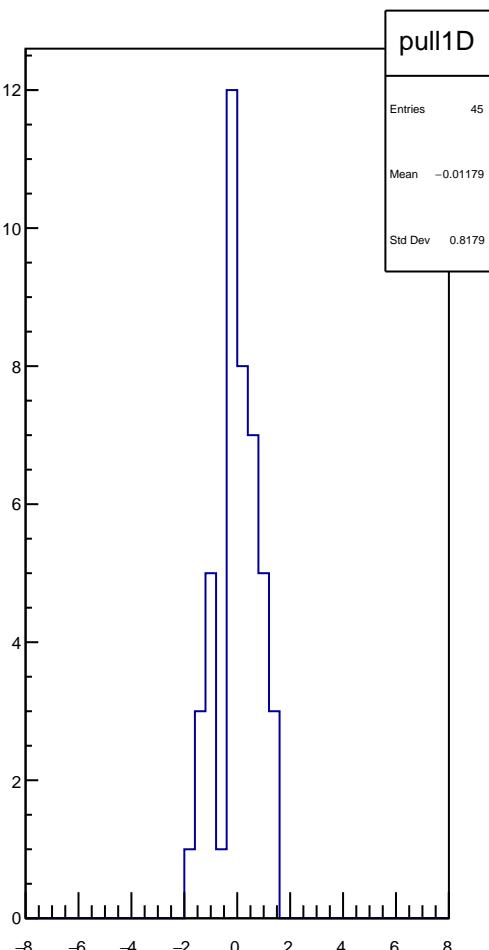
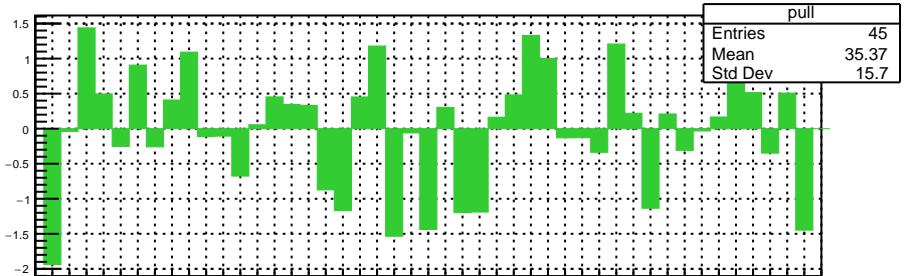
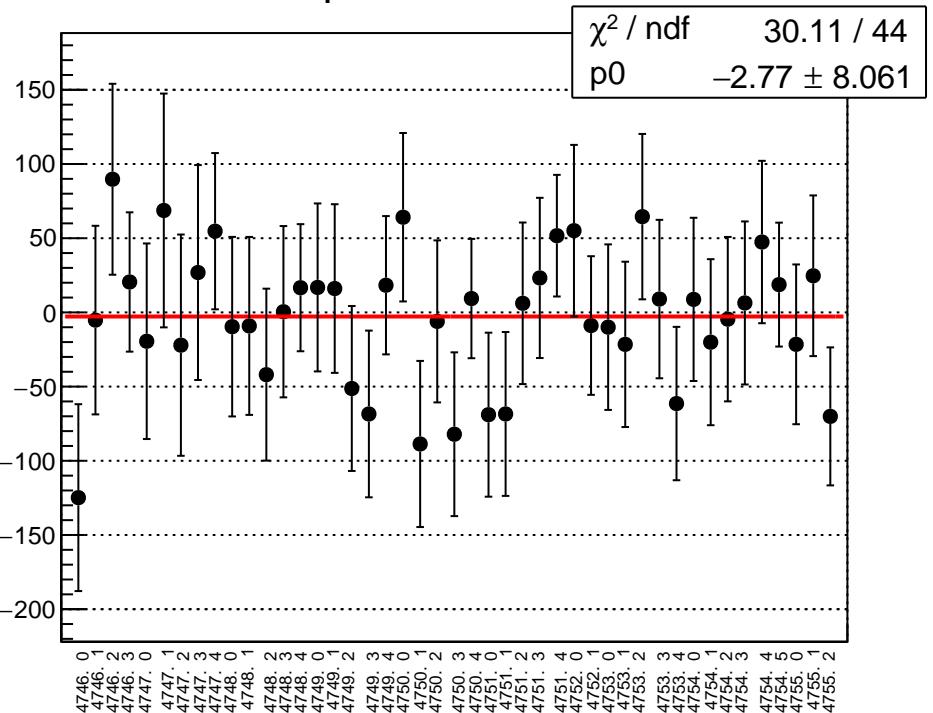
diff_bpm1Y_mean vs run



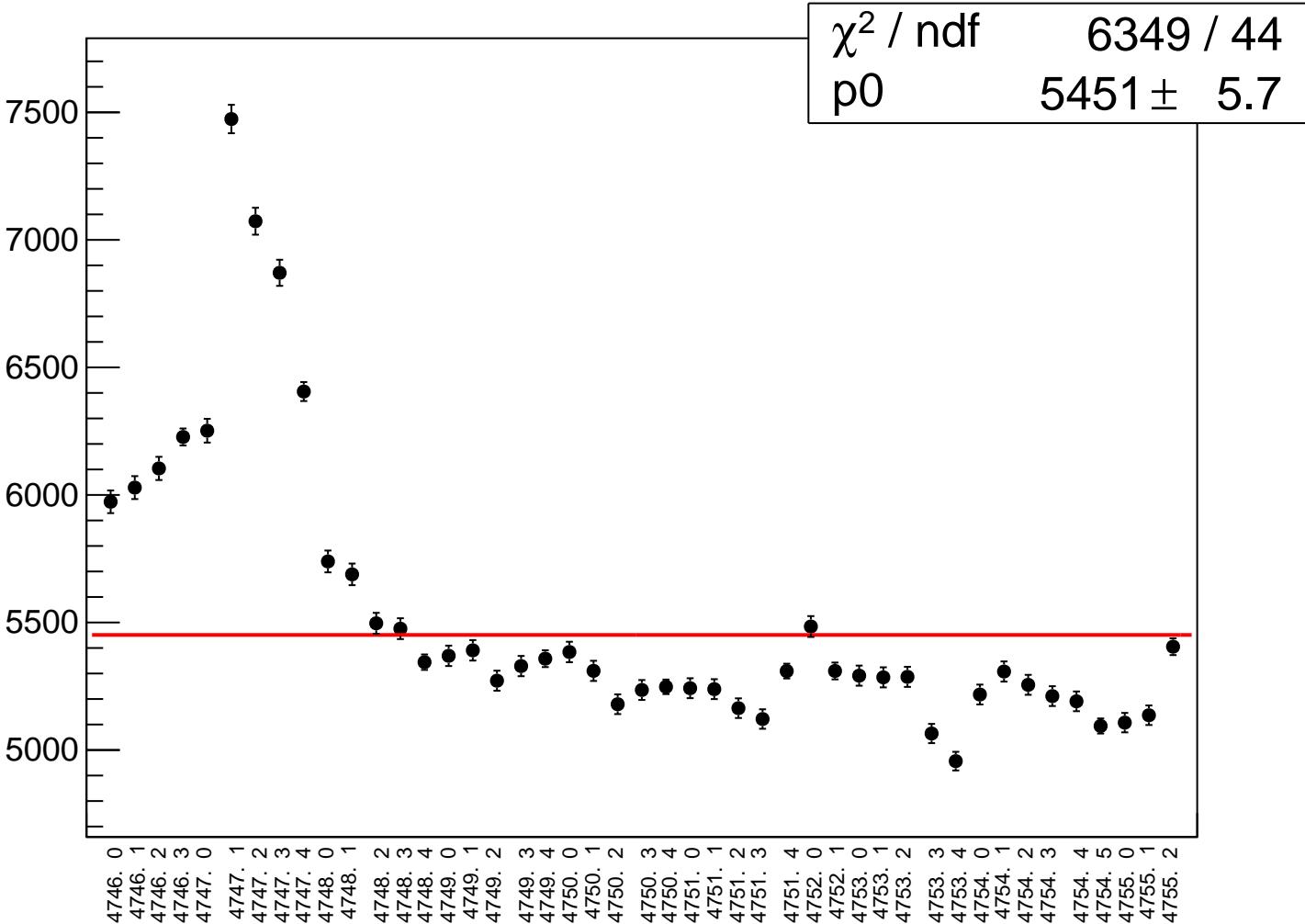
diff_bpm1Y_rms vs run



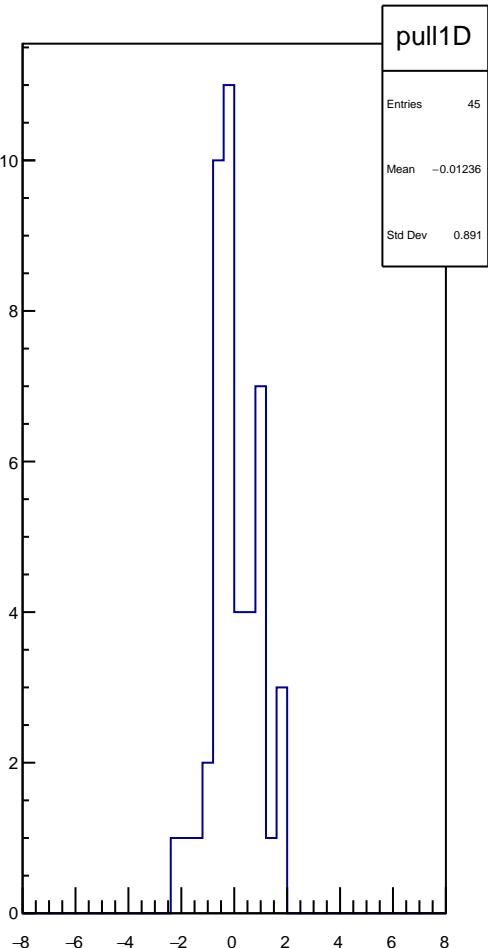
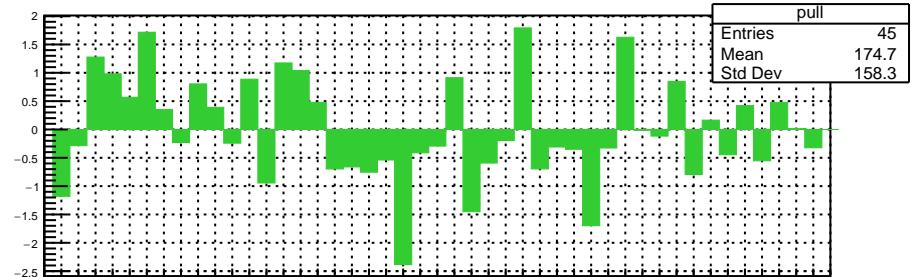
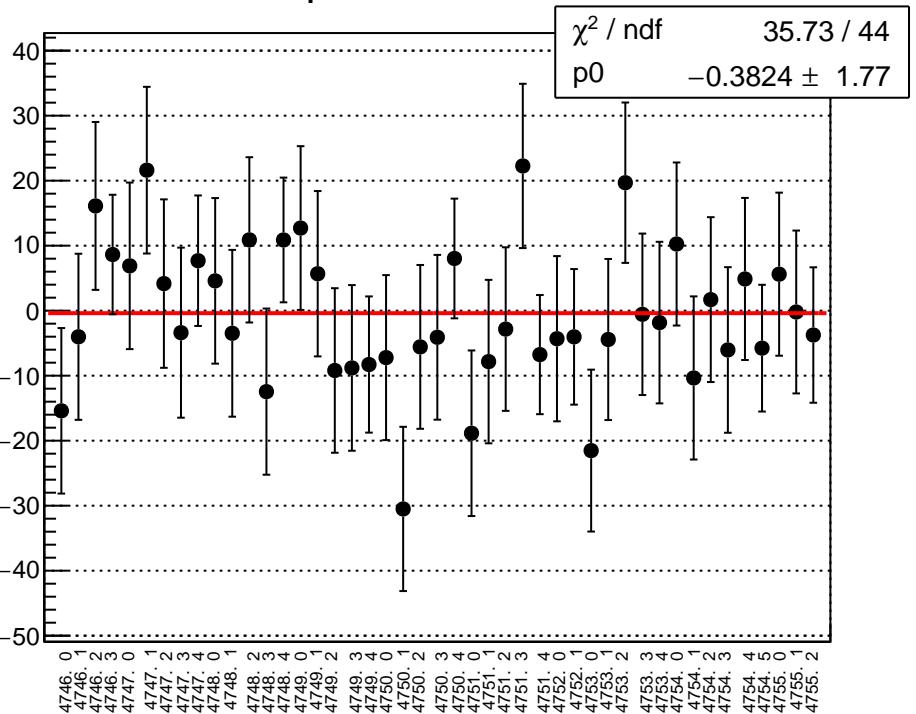
diff_bpm11X_mean vs run



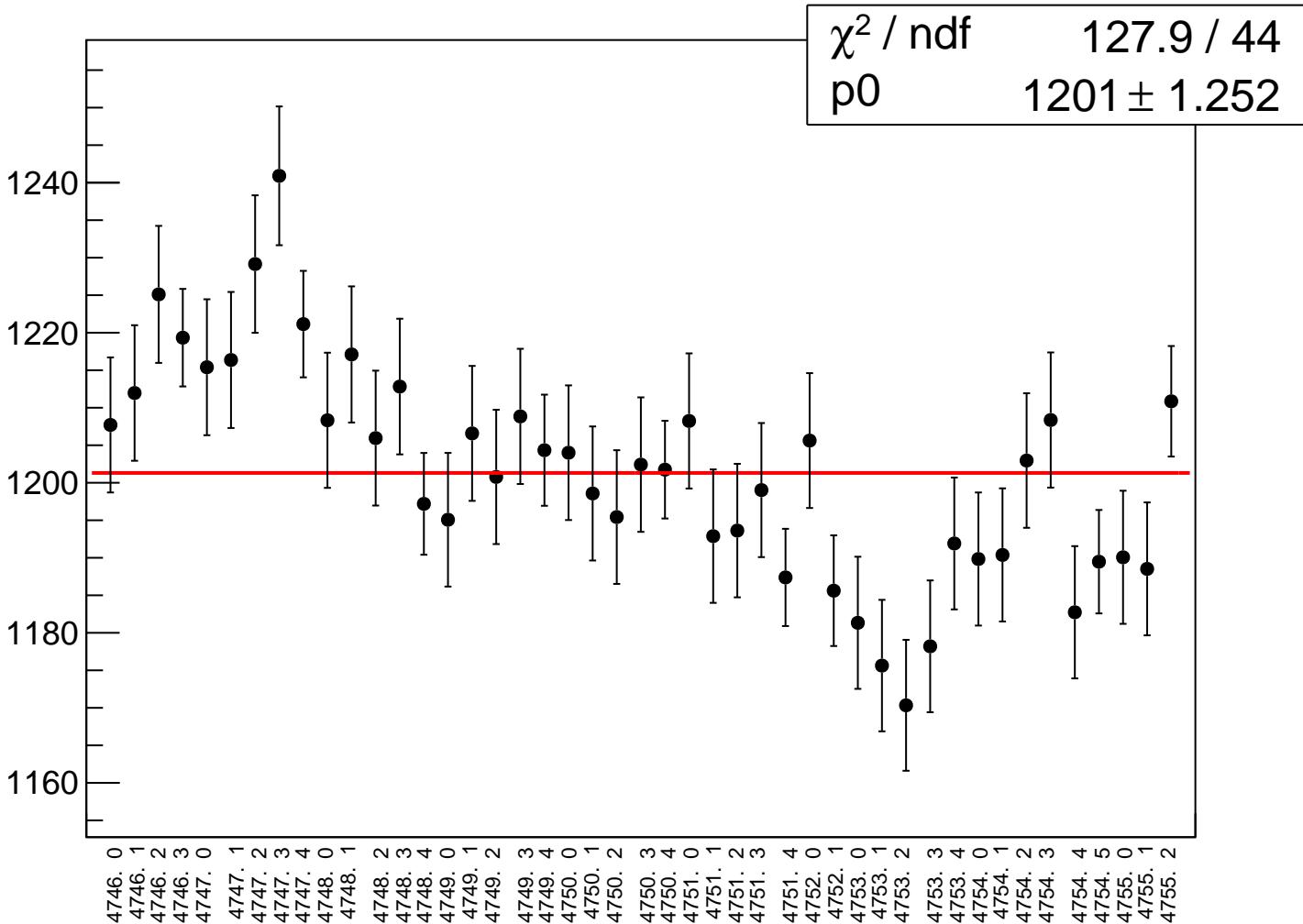
diff_bpm11X_rms vs run



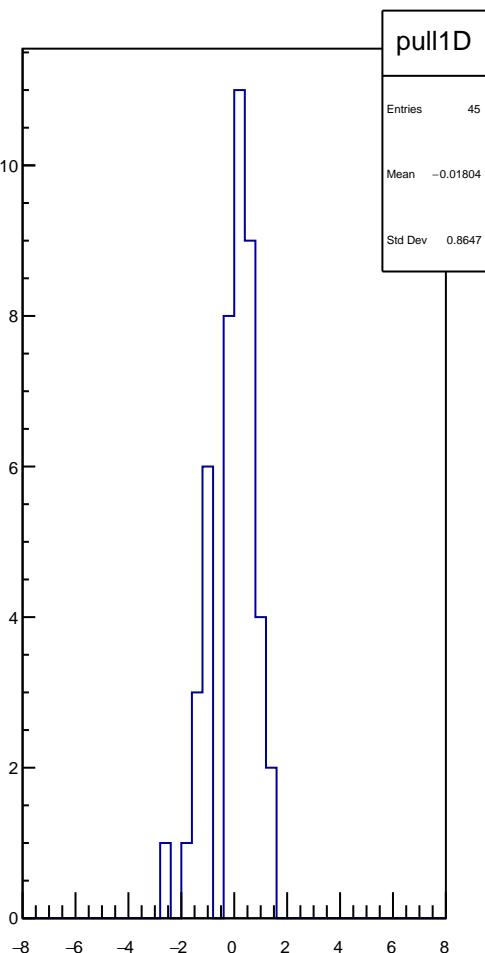
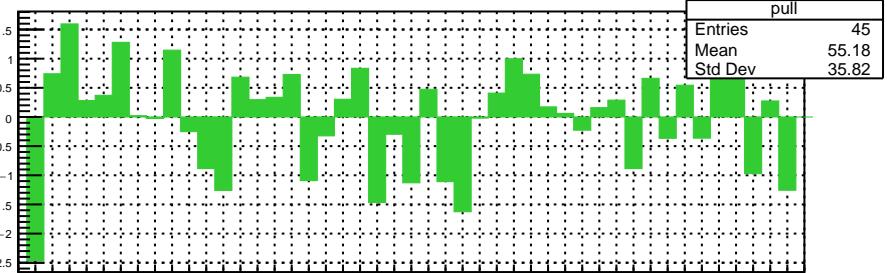
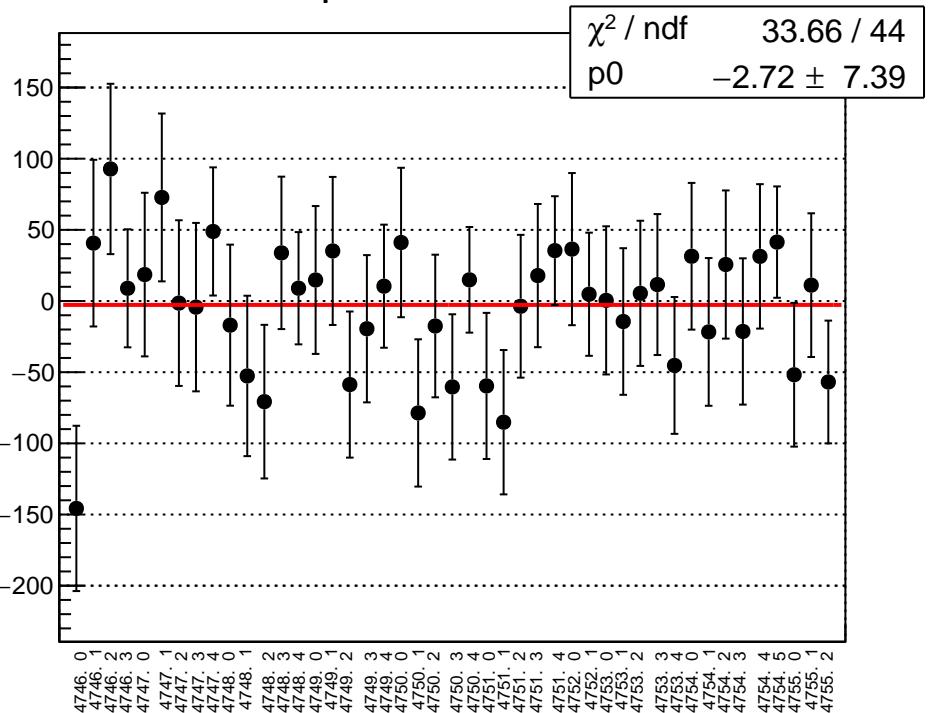
diff_bpm11Y_mean vs run



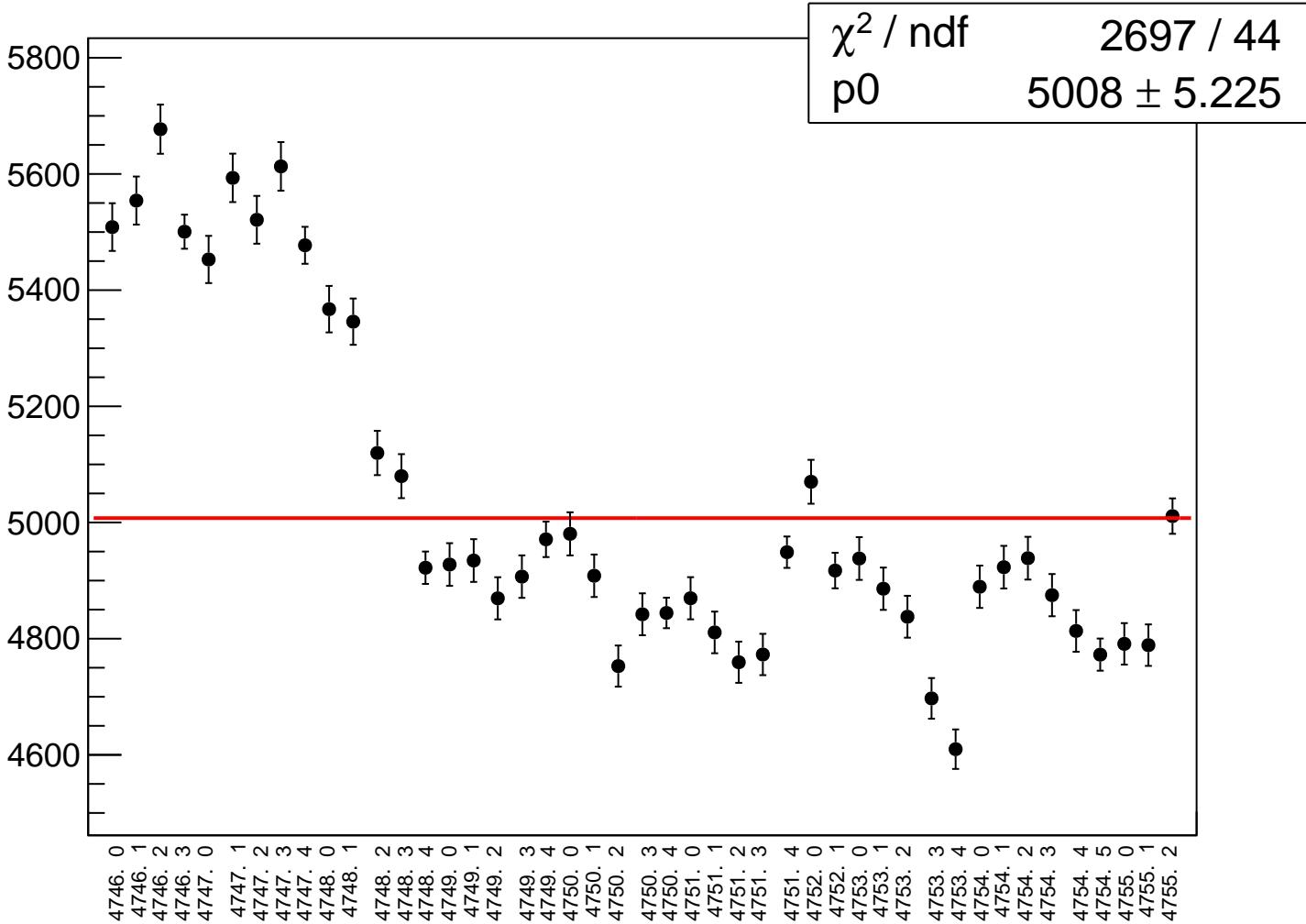
diff_bpm11Y_rms vs run



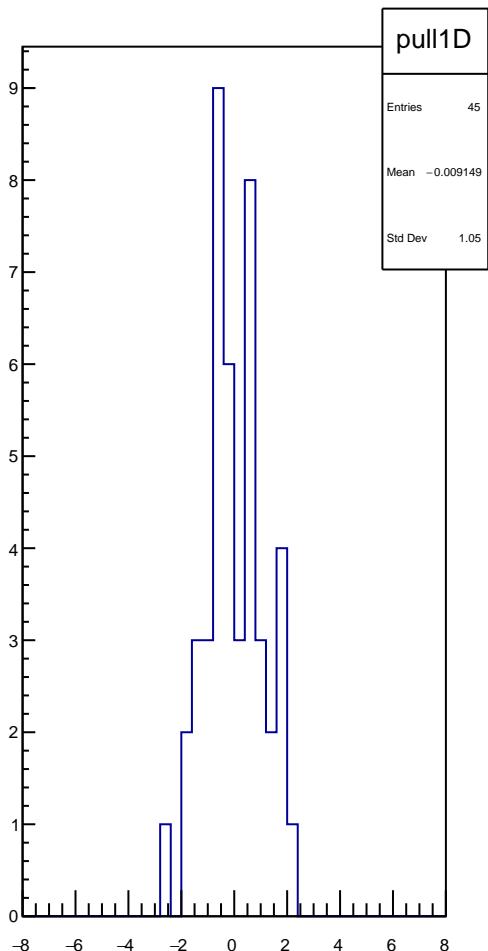
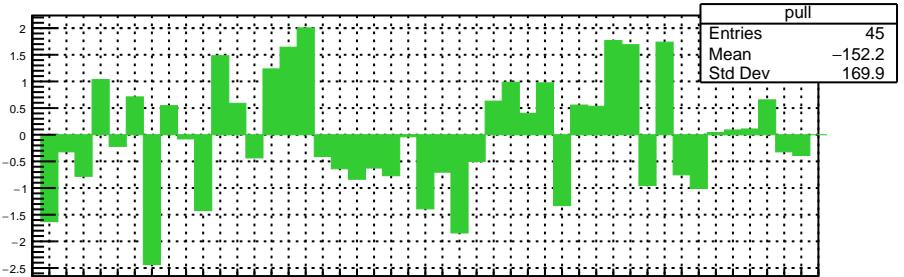
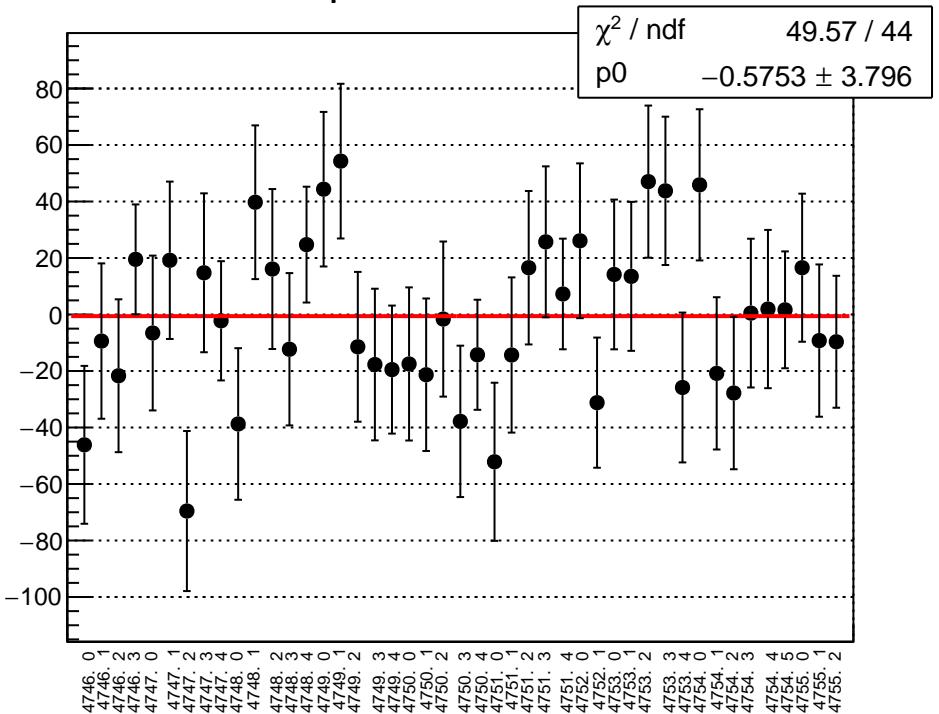
diff_bpm12X_mean vs run



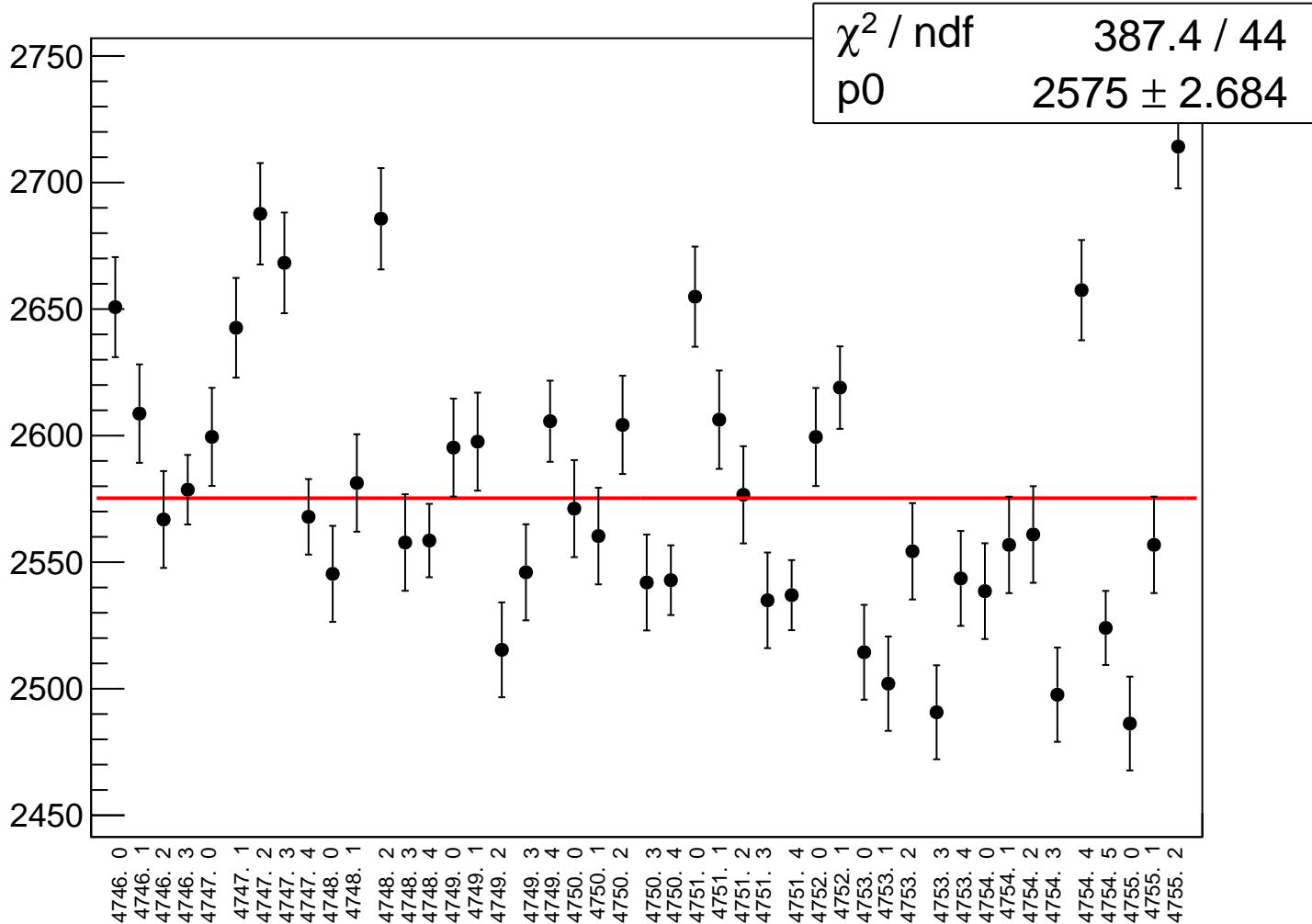
diff_bpm12X_rms vs run



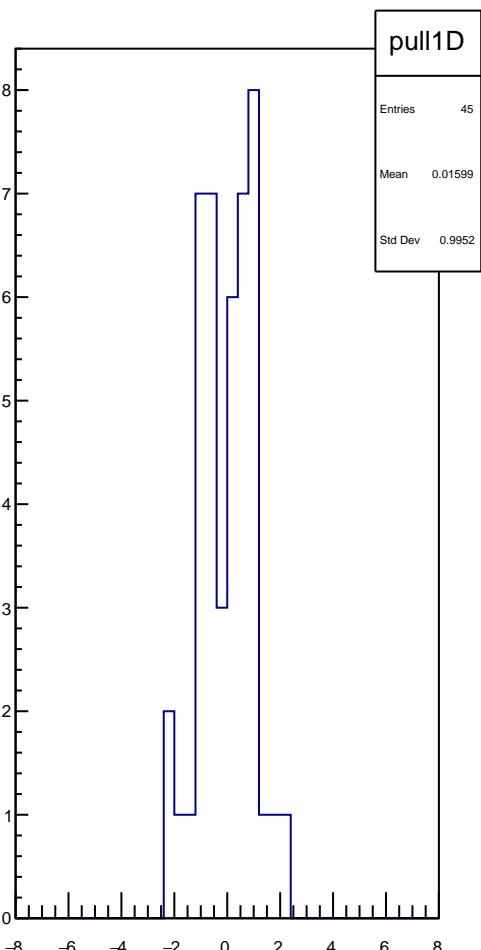
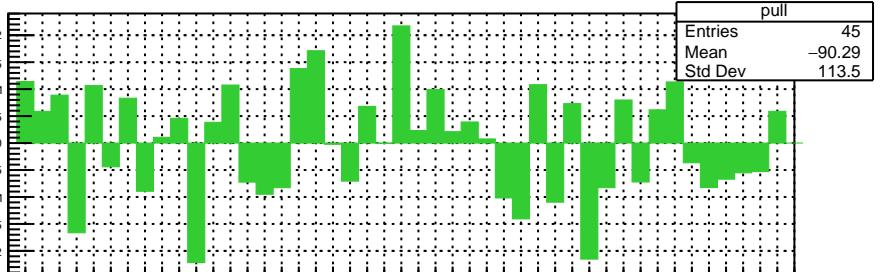
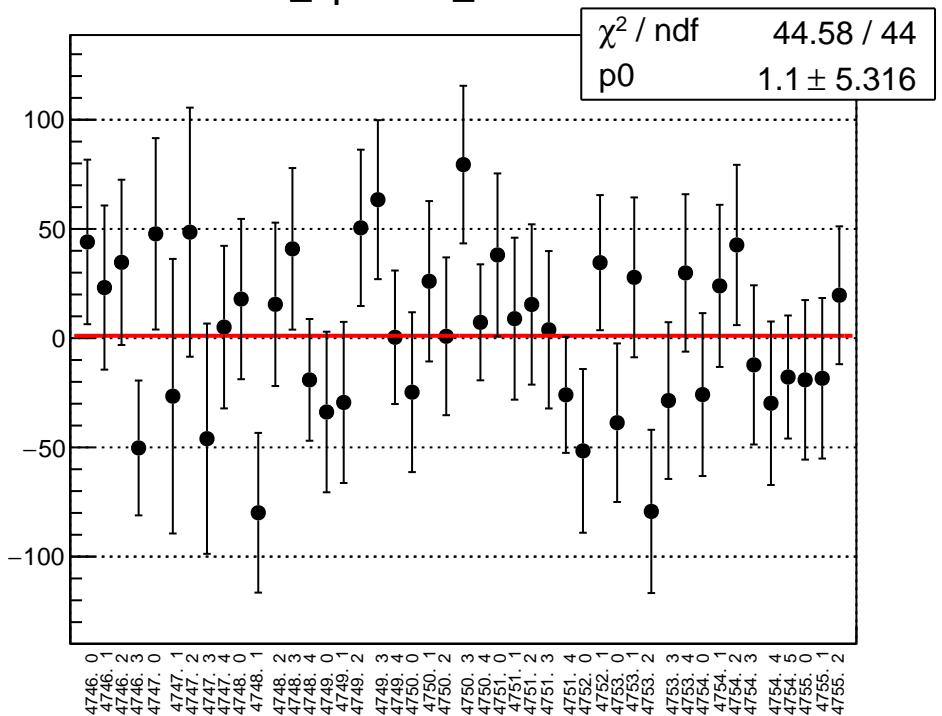
diff_bpm12Y_mean vs run



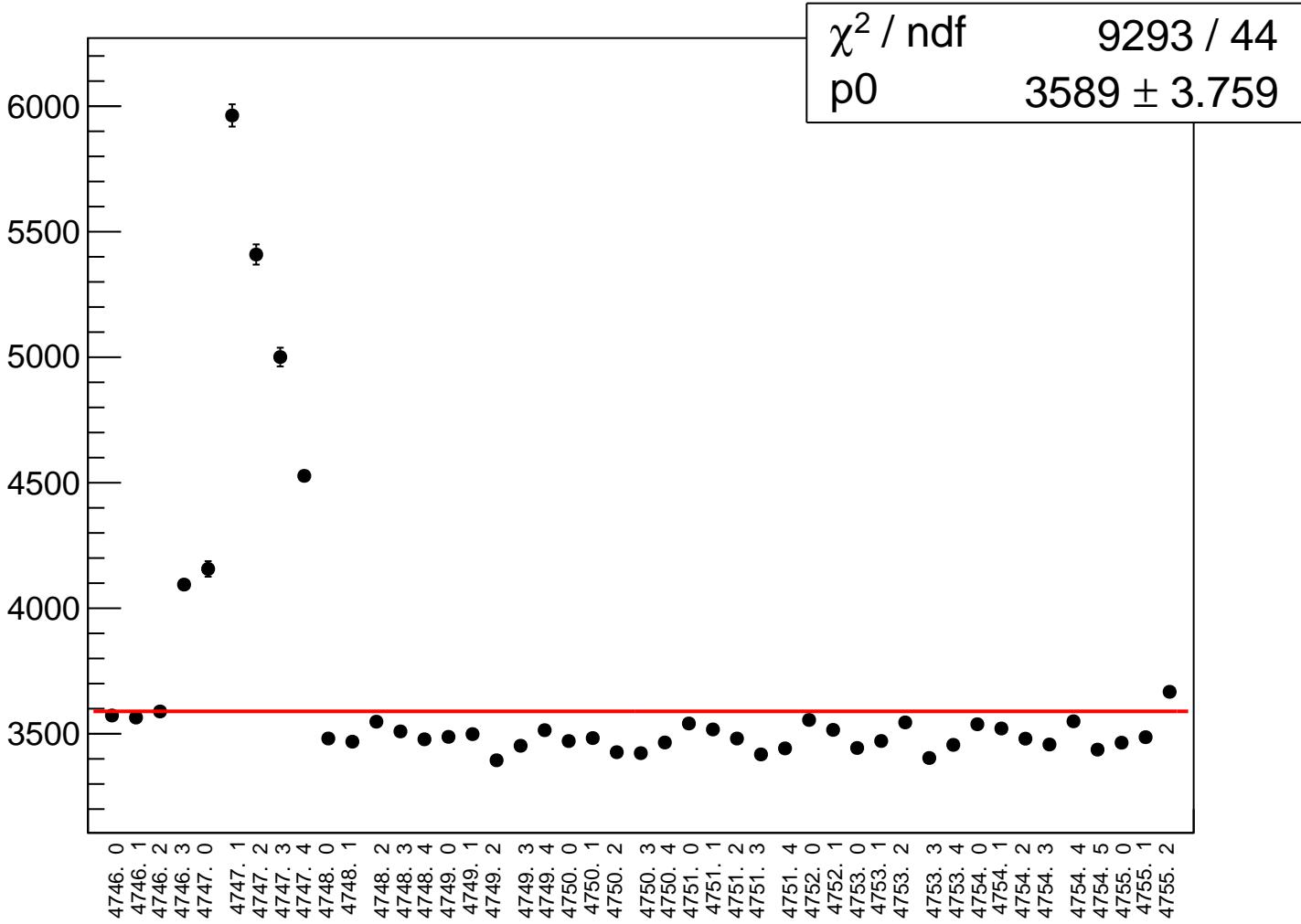
diff_bpm12Y_rms vs run



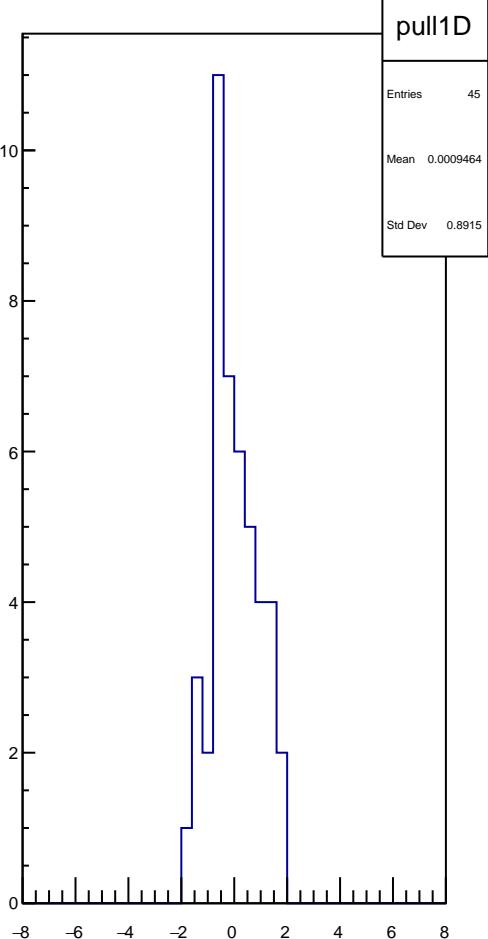
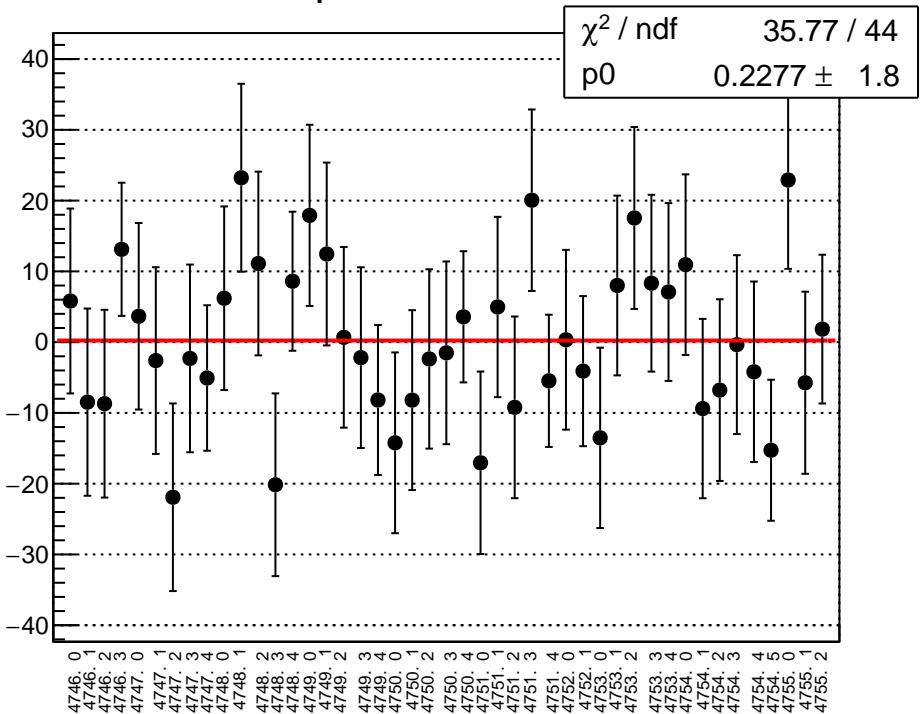
diff_bpm16X_mean vs run



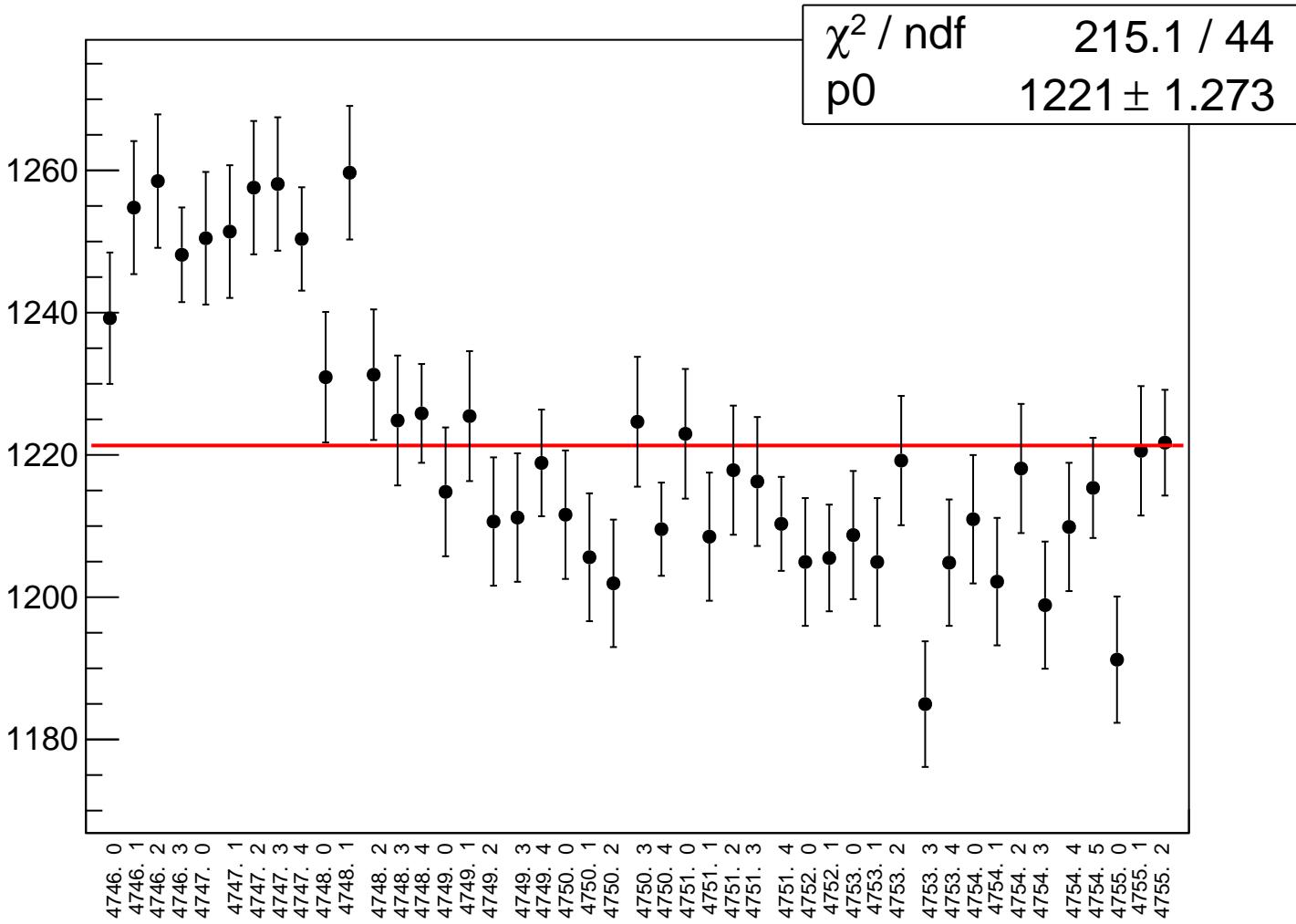
diff_bpm16X_rms vs run



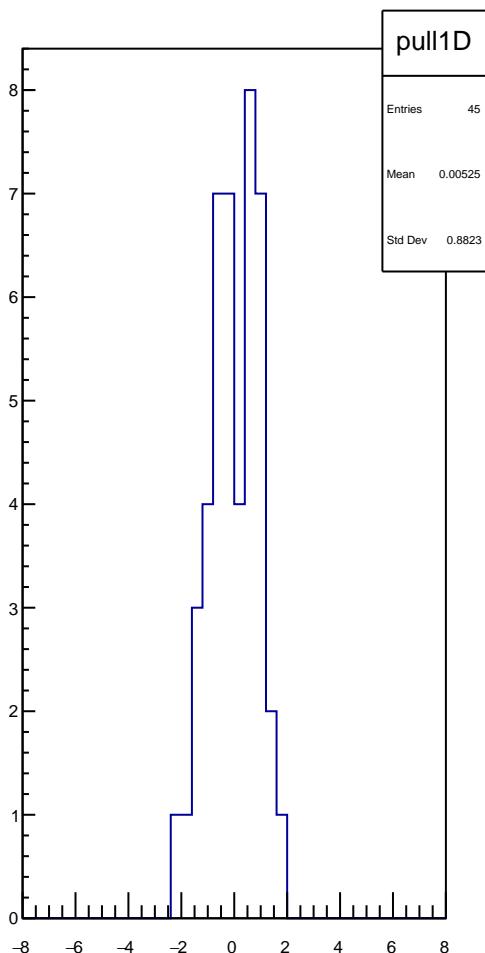
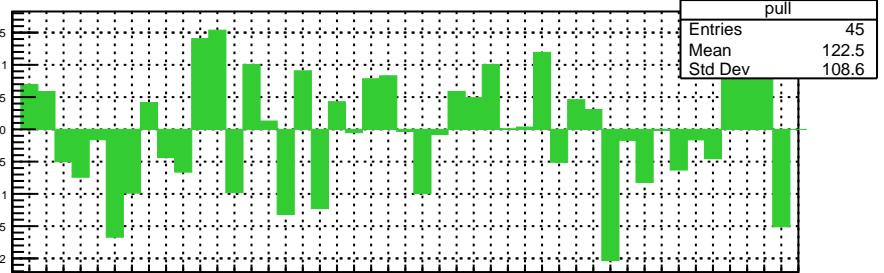
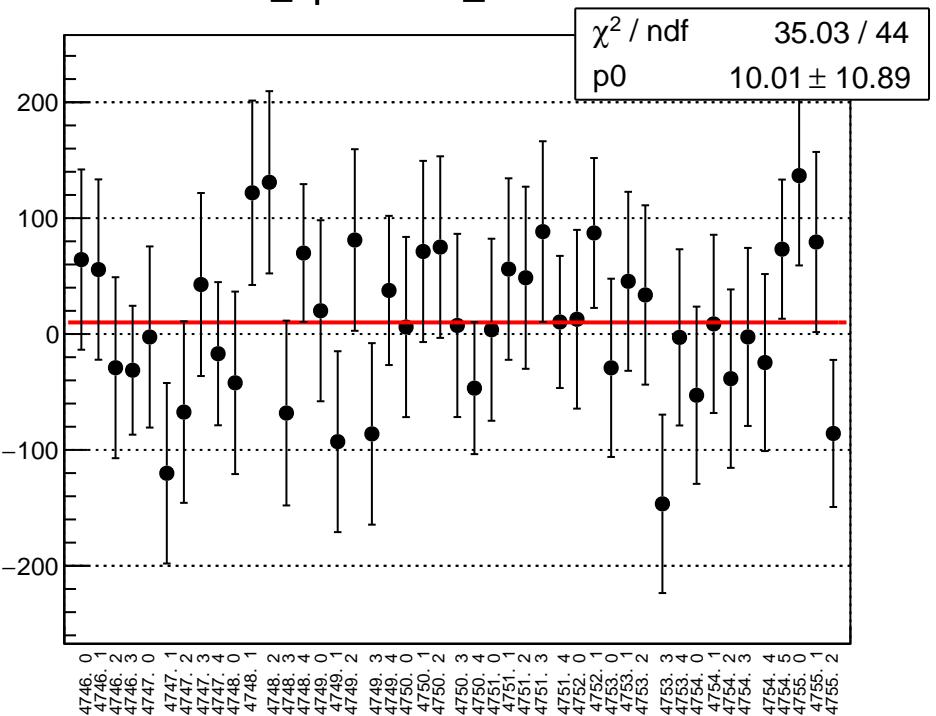
diff_bpm16Y_mean vs run



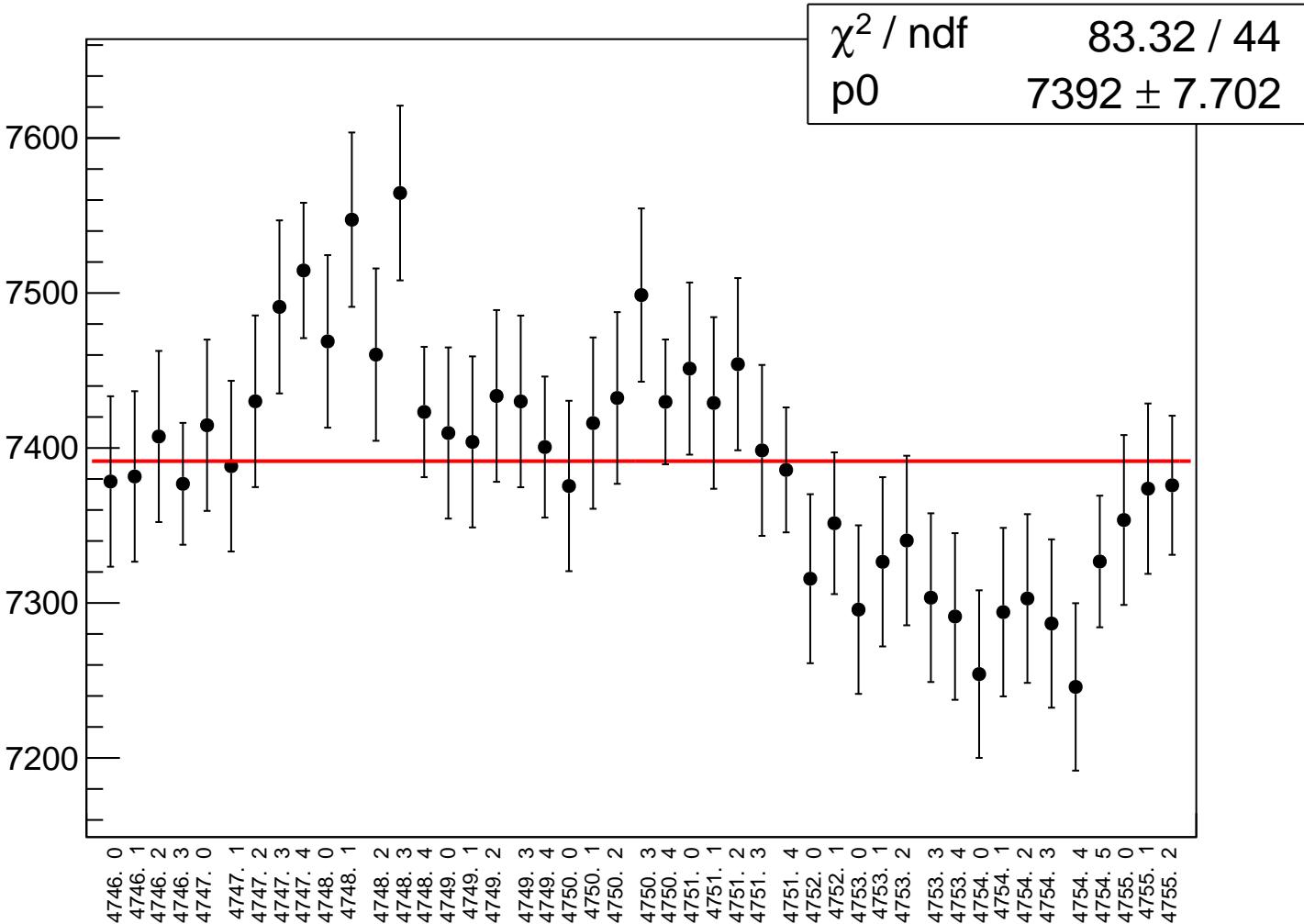
diff_bpm16Y_rms vs run



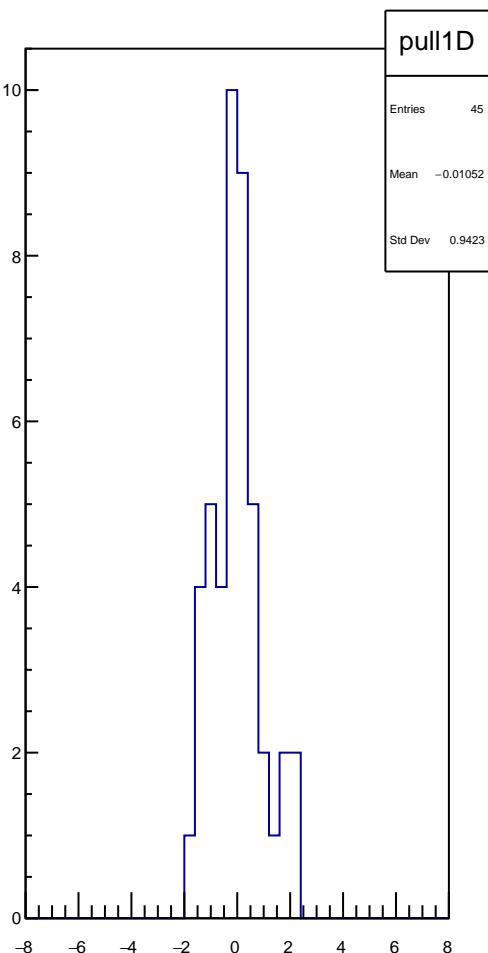
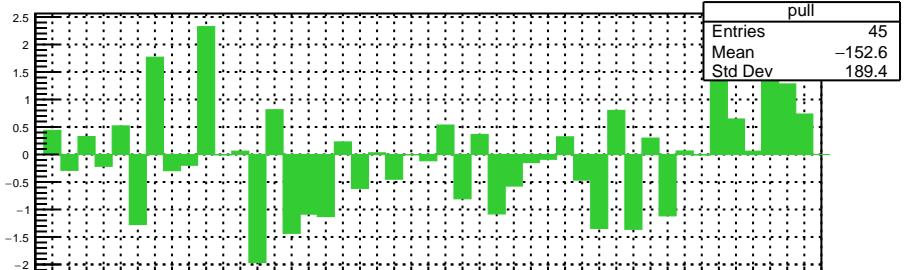
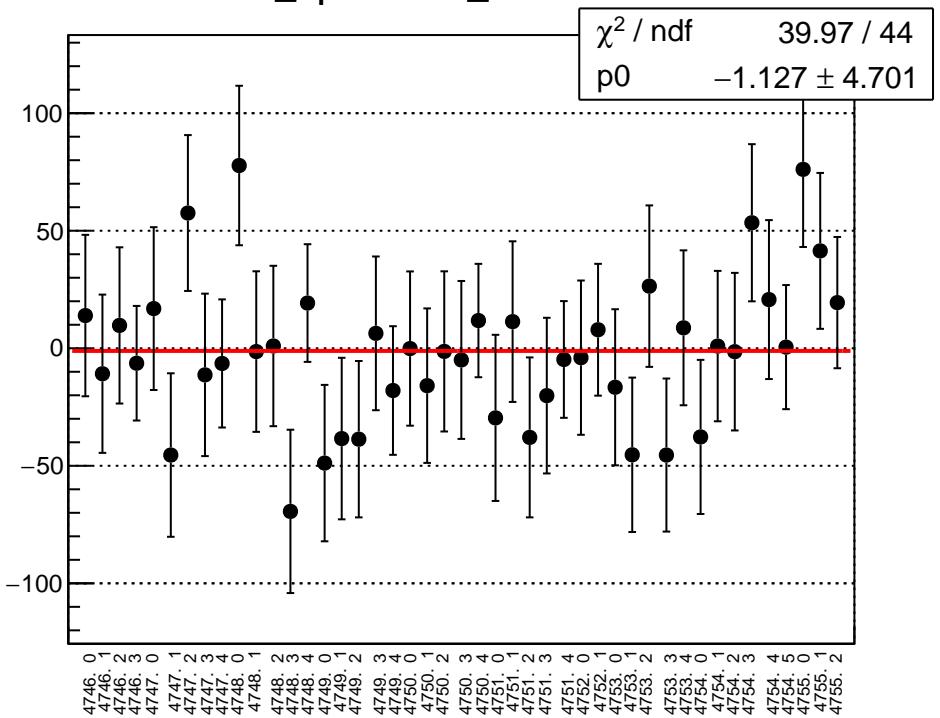
diff_bpm0l01X_mean vs run



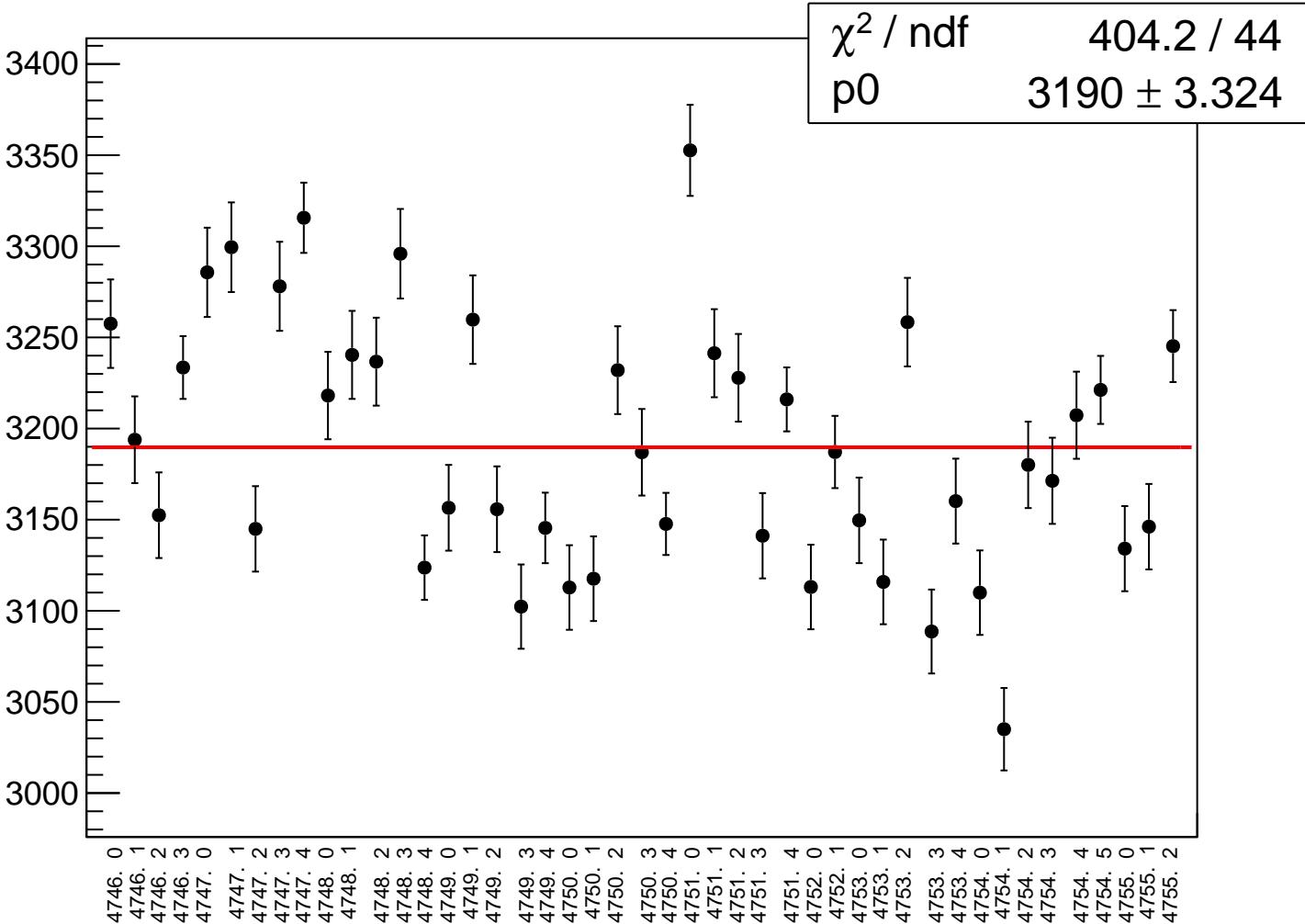
diff_bpmon01X_rms vs run



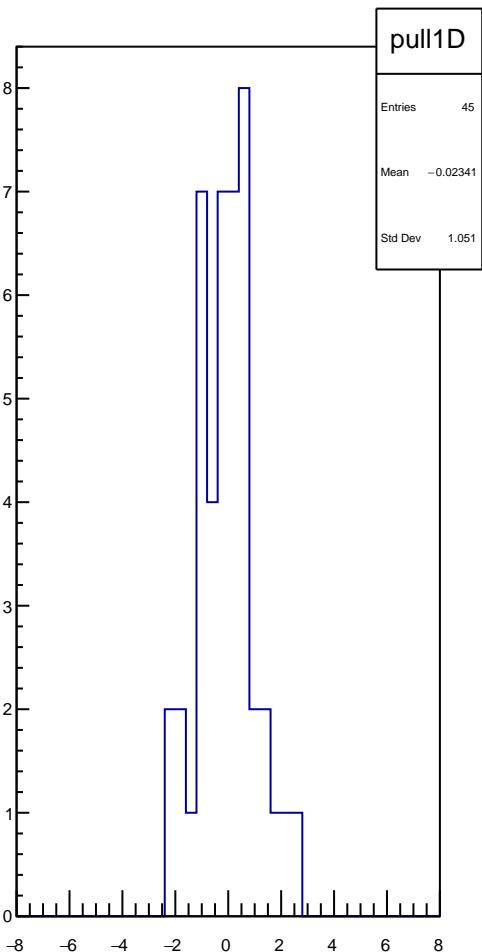
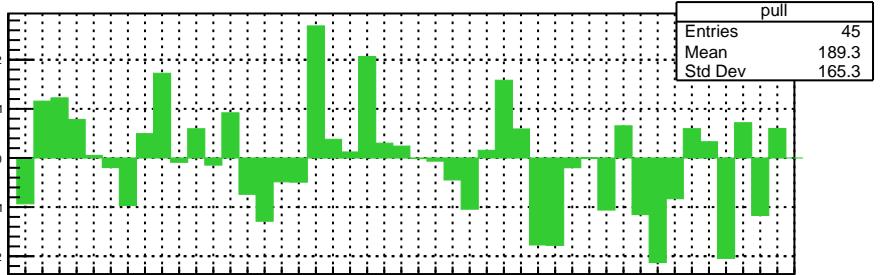
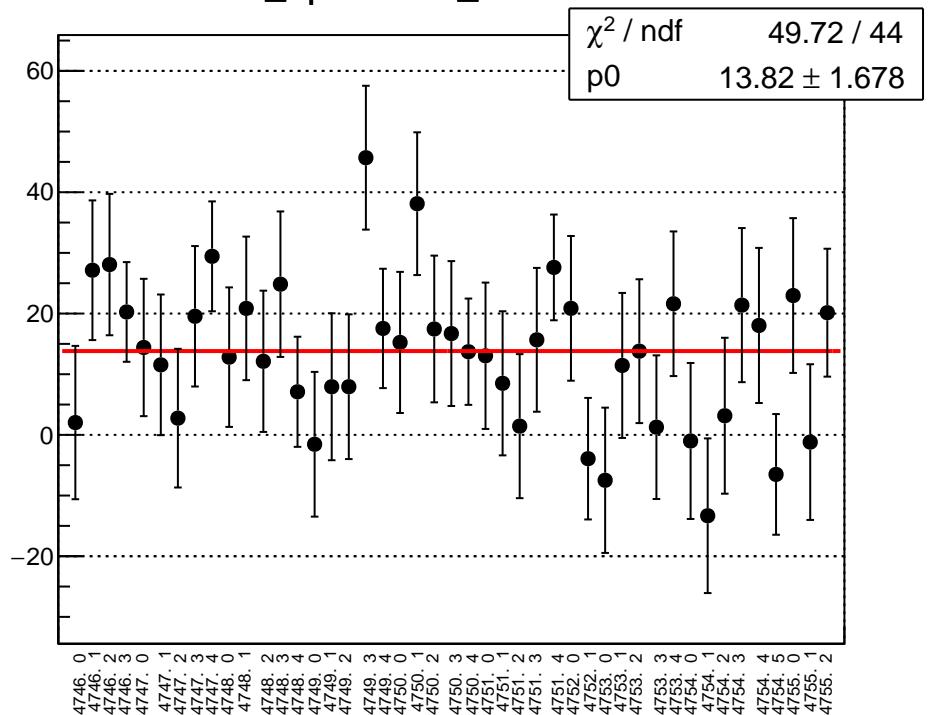
diff_bpm0l01Y_mean vs run



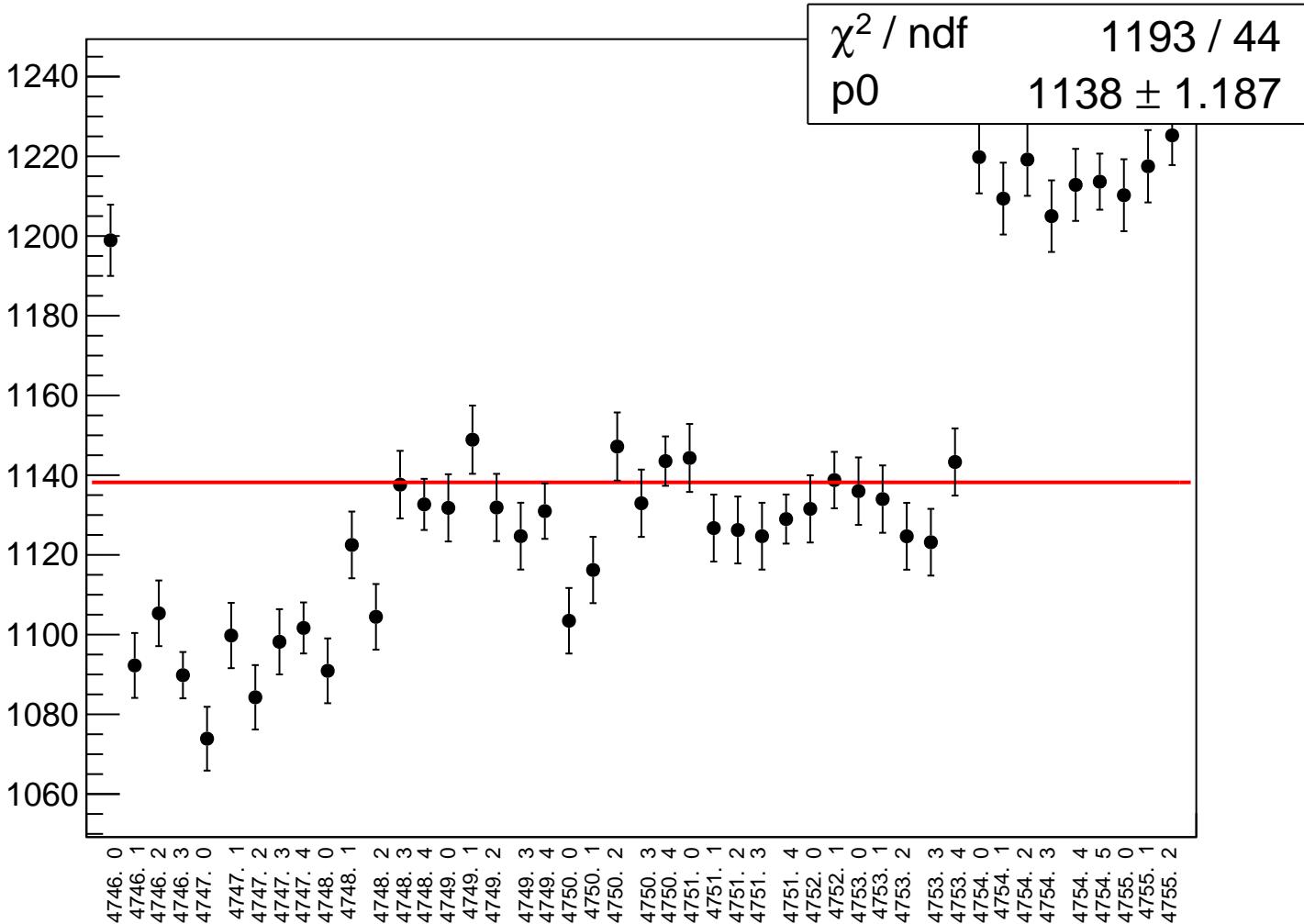
diff_bpmon01Y_rms vs run



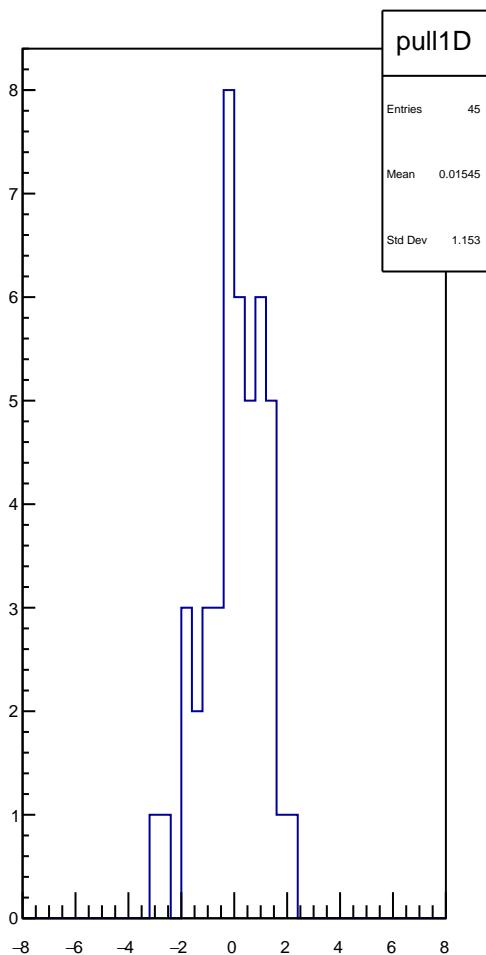
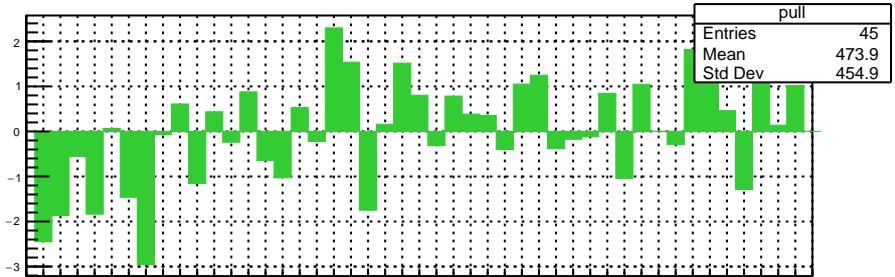
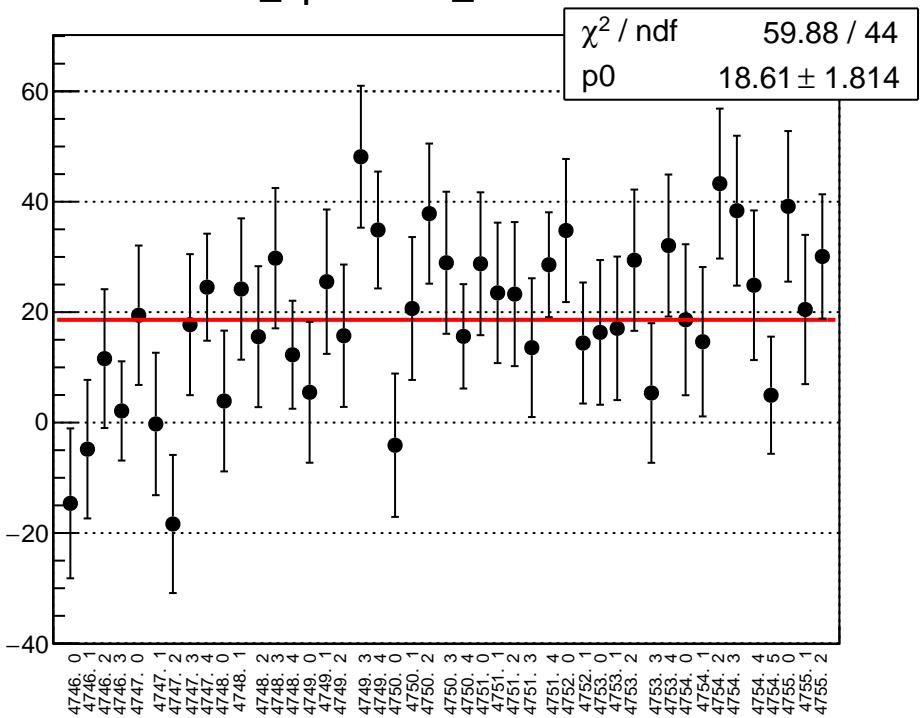
diff_bpm2i01X_mean vs run



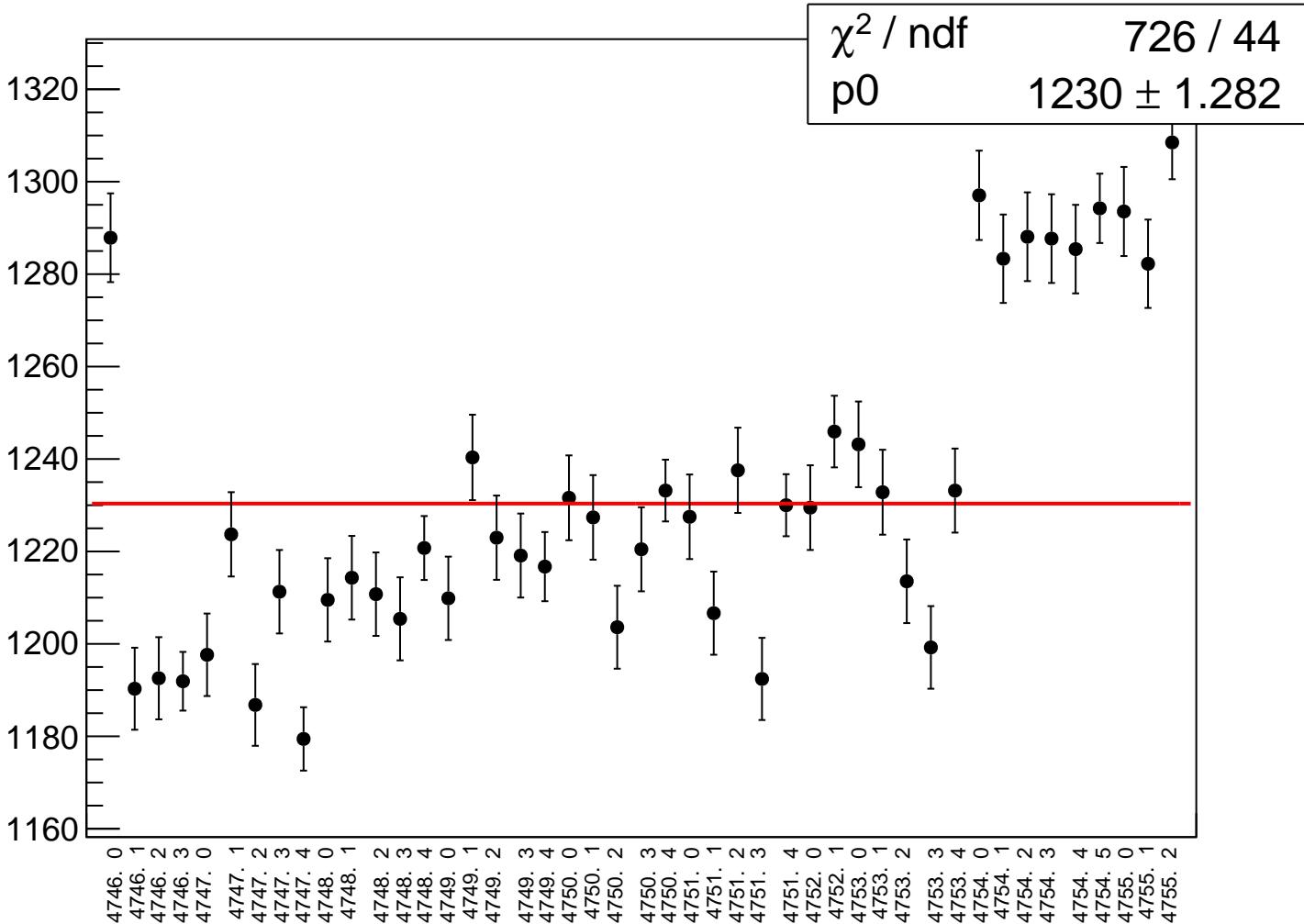
diff_bpm2i01X_rms vs run



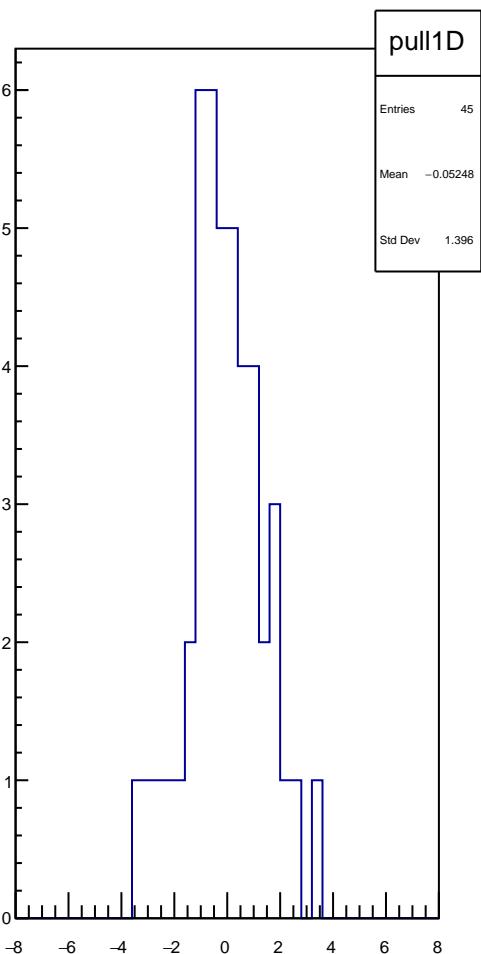
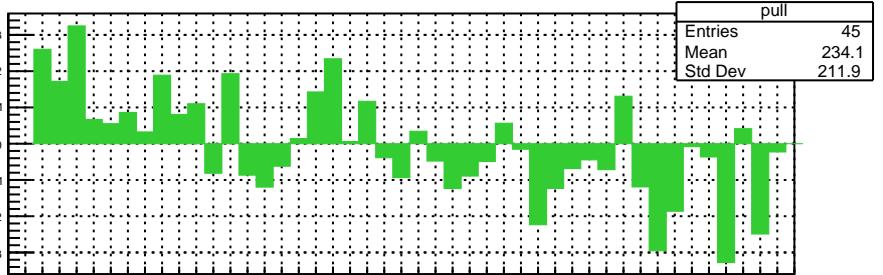
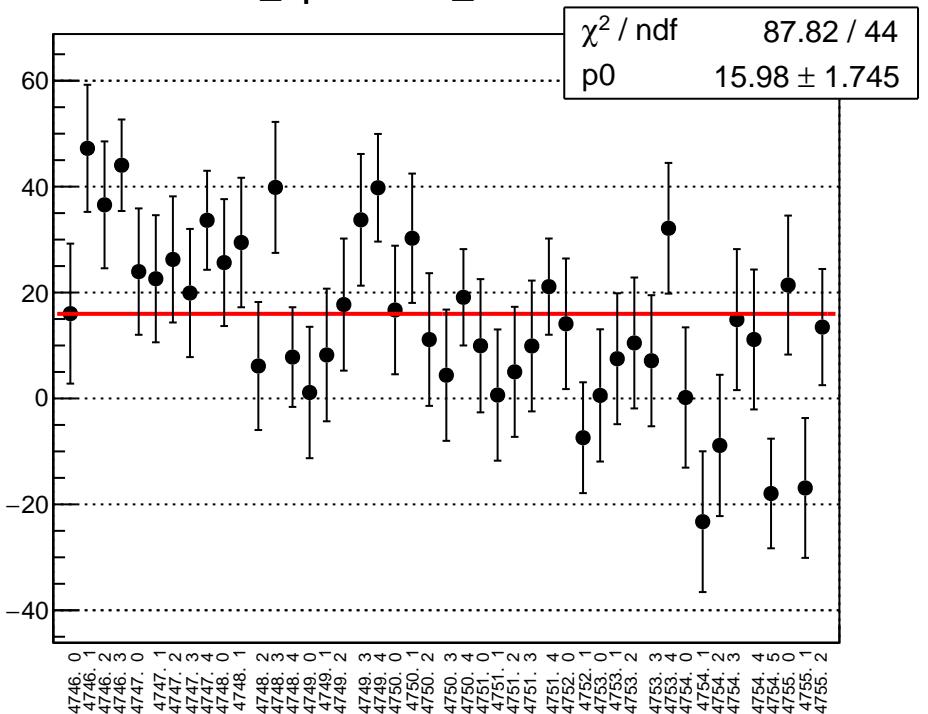
diff_bpm2i01Y_mean vs run



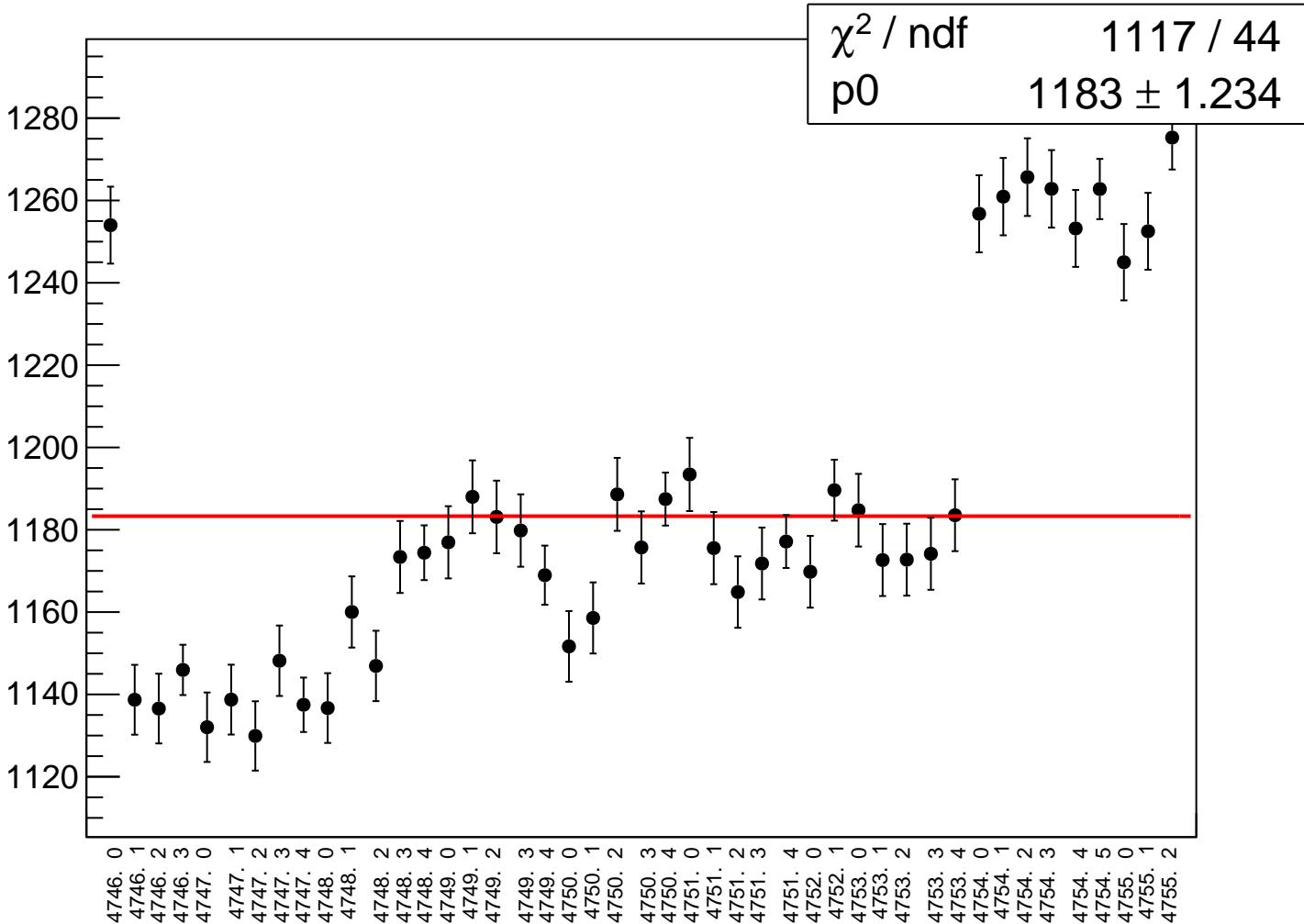
diff_bpm2i01Y_rms vs run



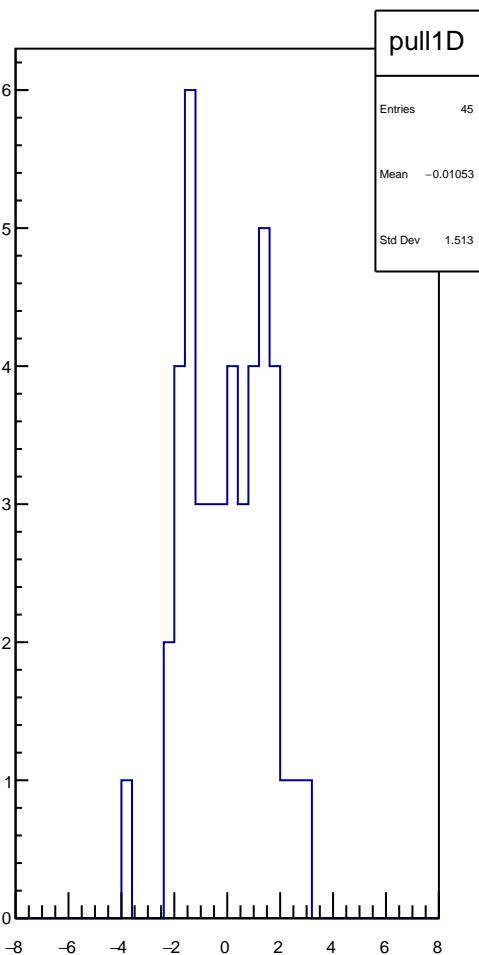
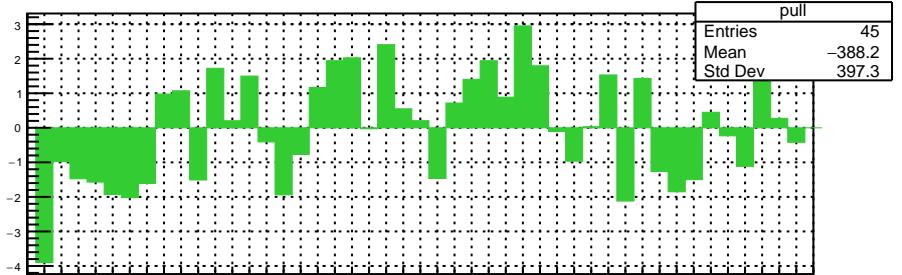
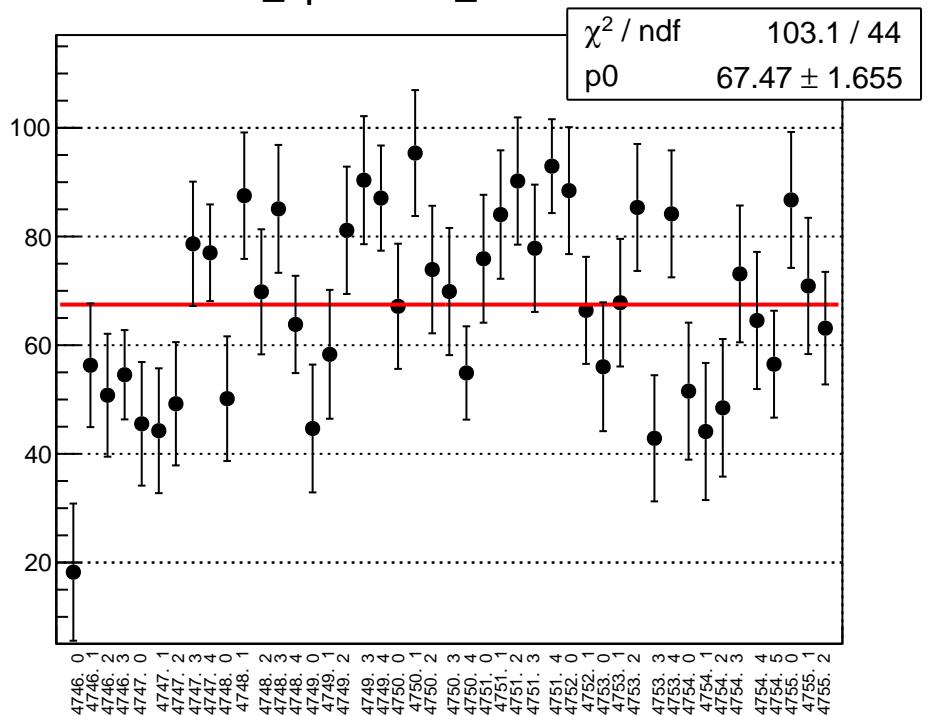
diff_bpm2i02X_mean vs run



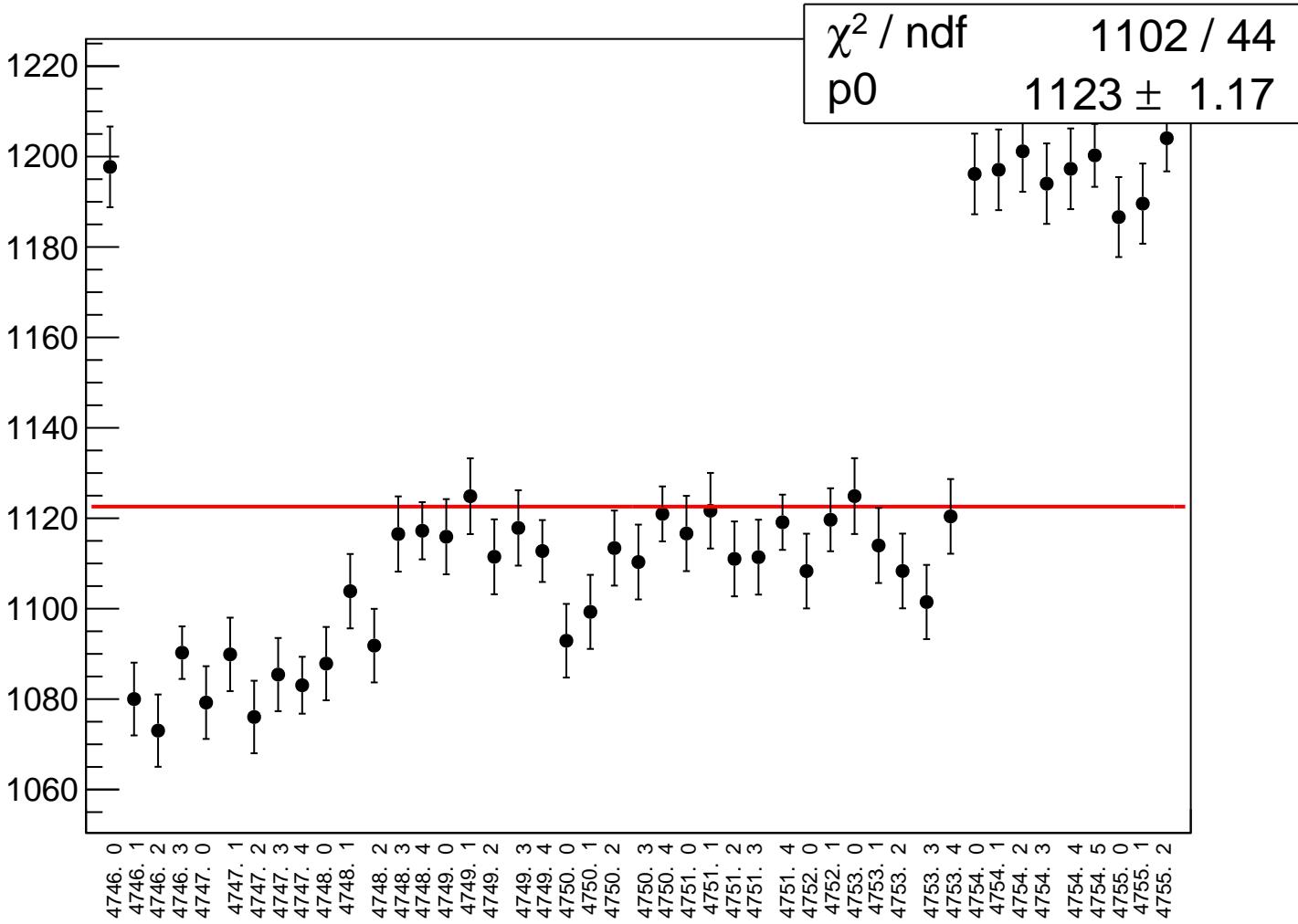
diff_bpm2i02X_rms vs run



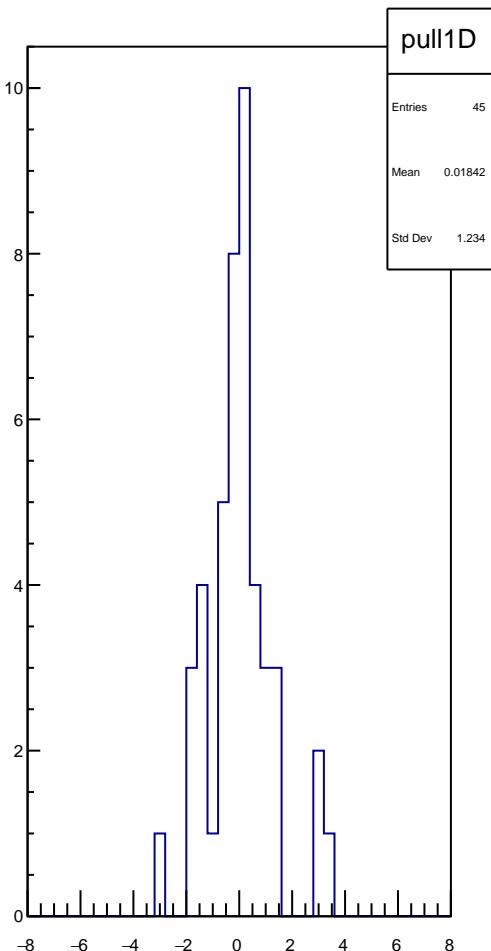
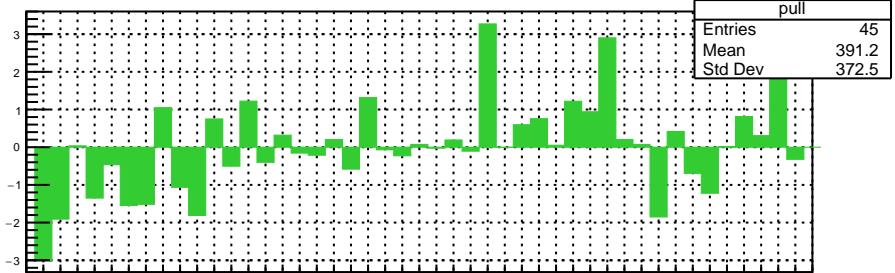
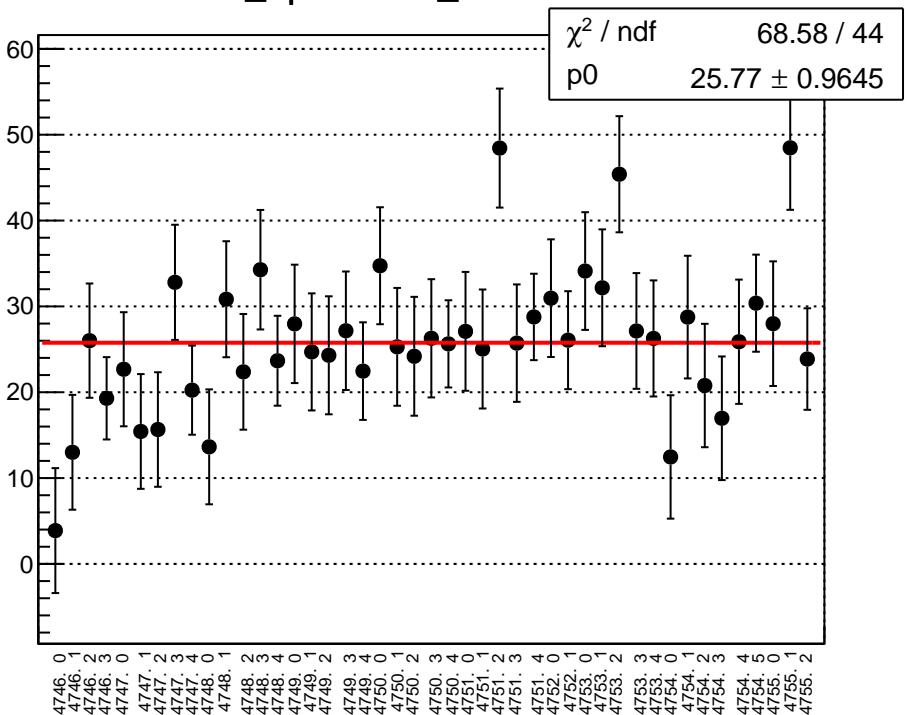
diff_bpm2i02Y_mean vs run



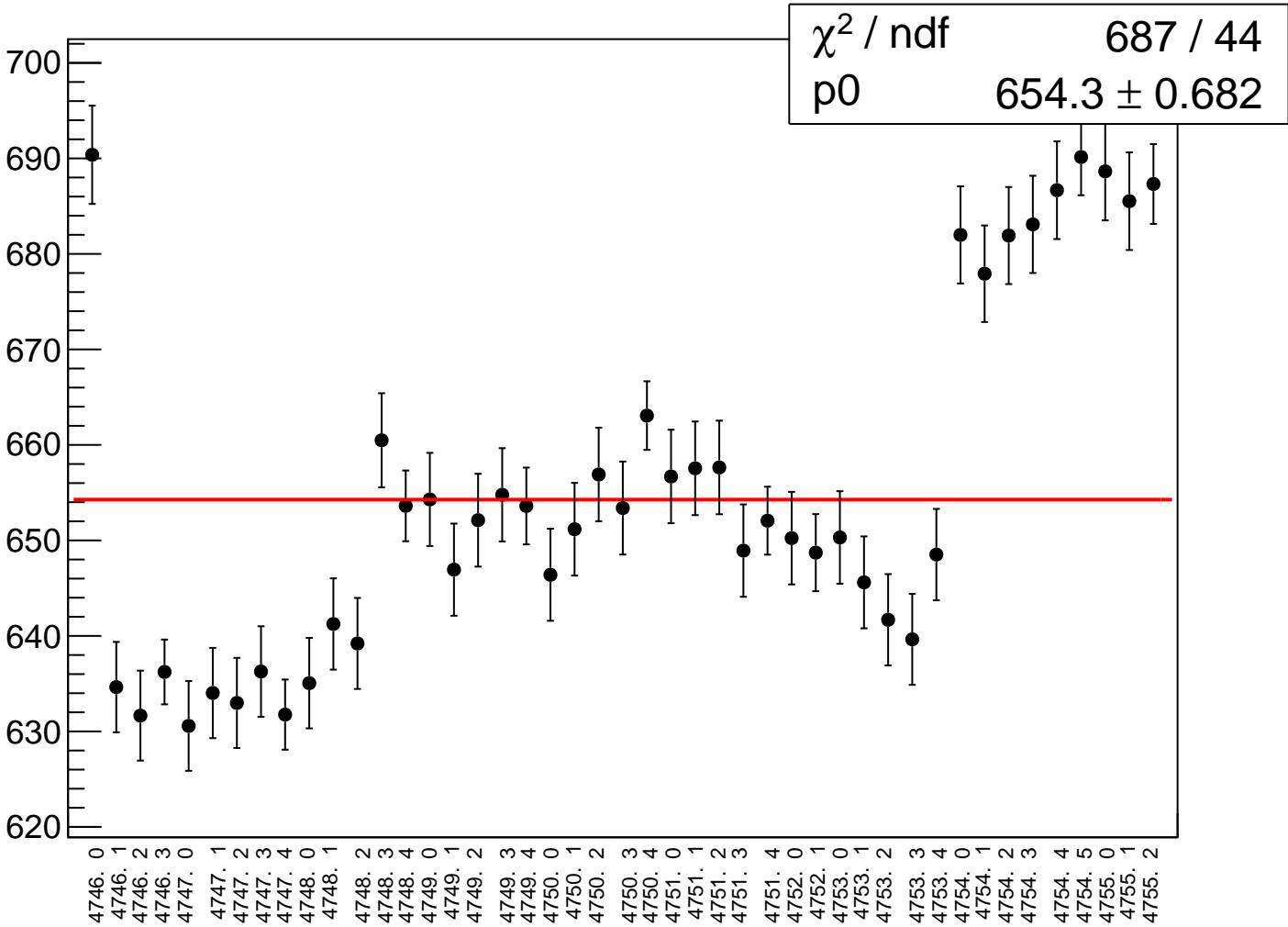
diff_bpm2i02Y_rms vs run



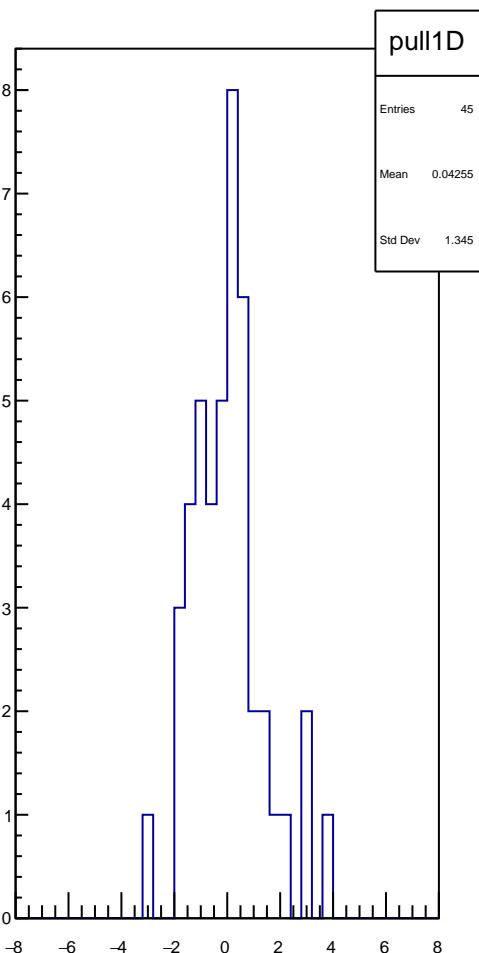
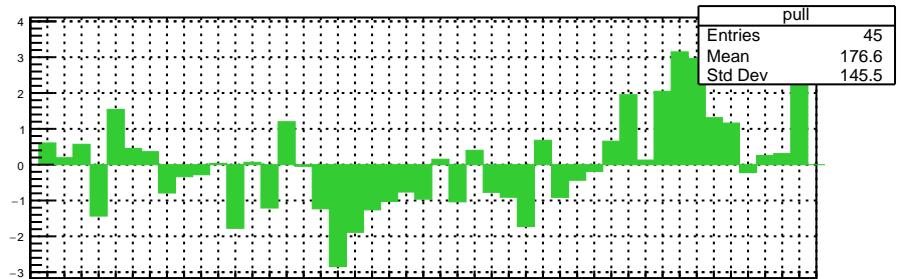
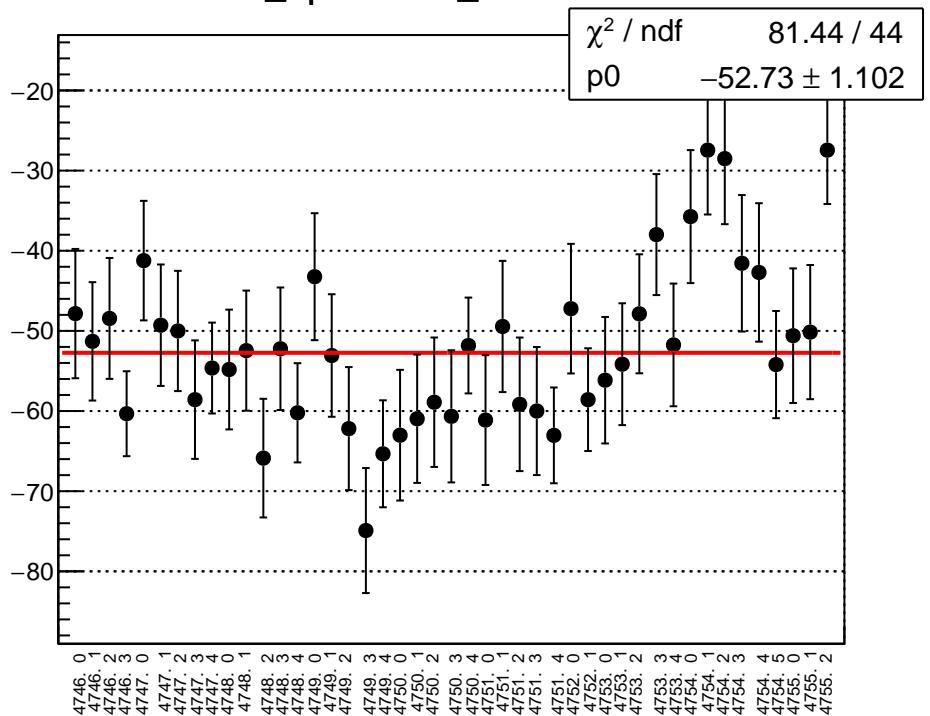
diff_bpm1i04X_mean vs run



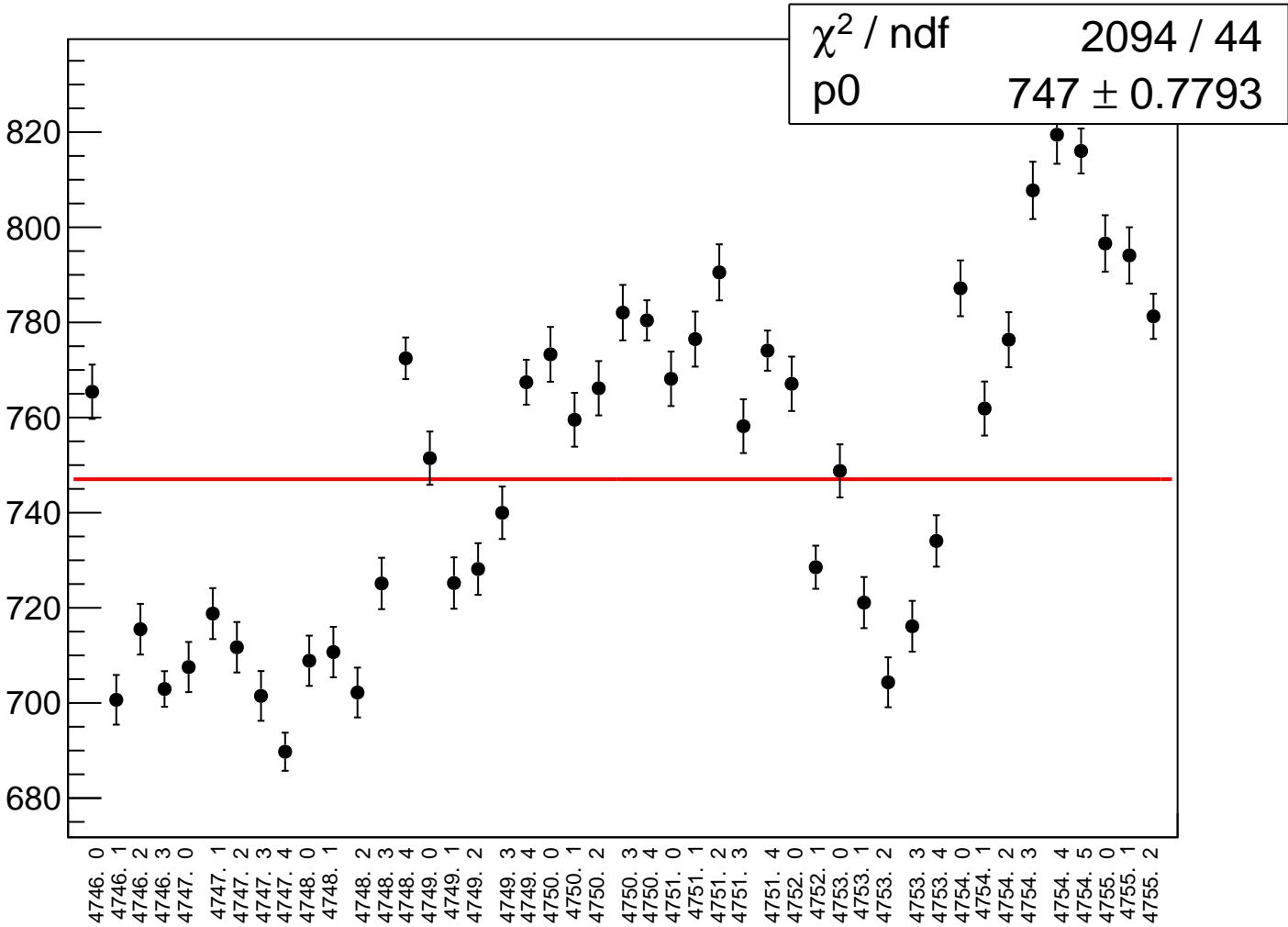
diff_bpm1i04X_rms vs run



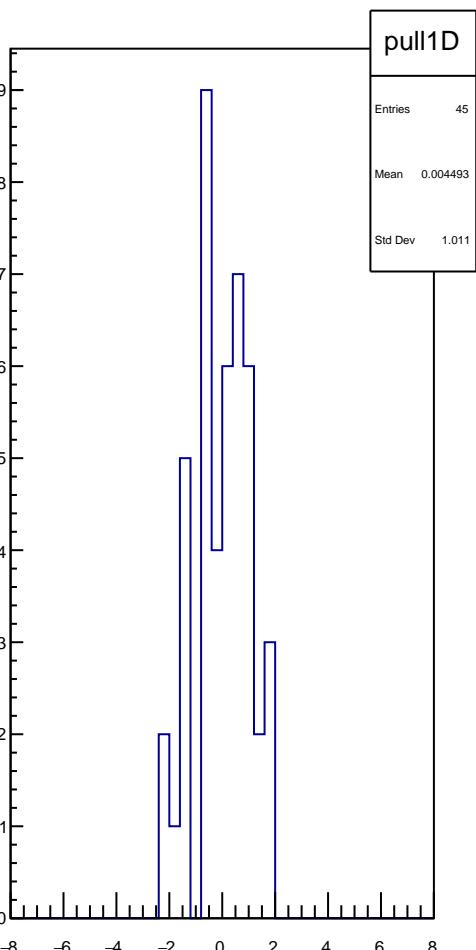
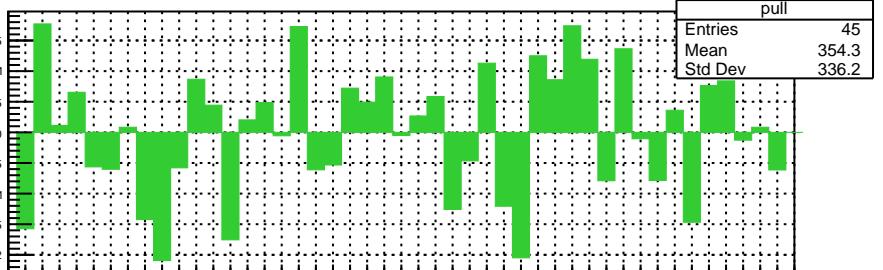
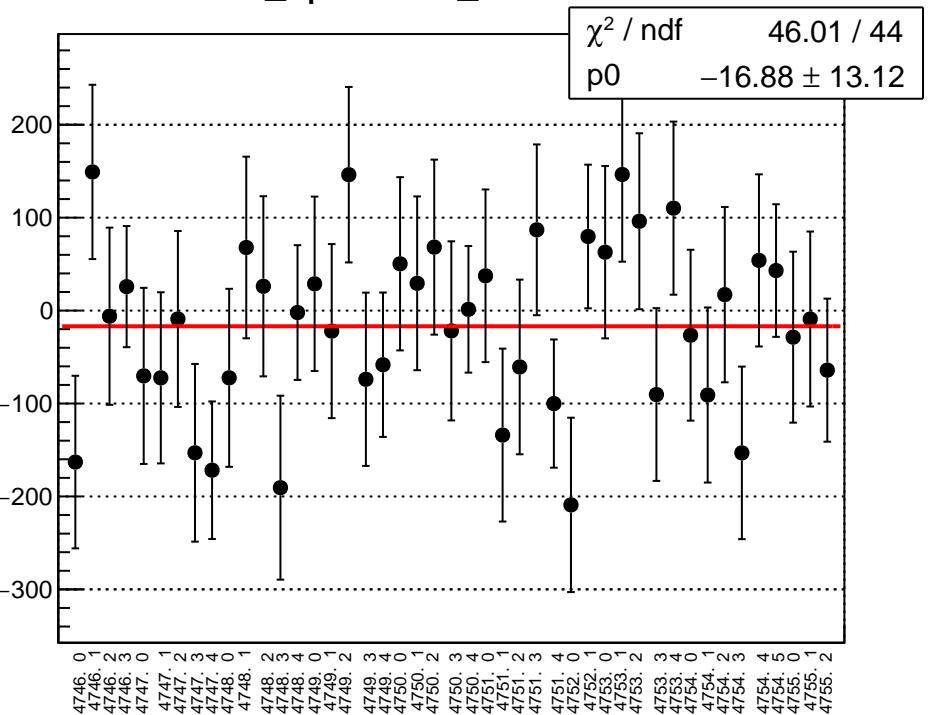
diff_bpm1i04Y_mean vs run



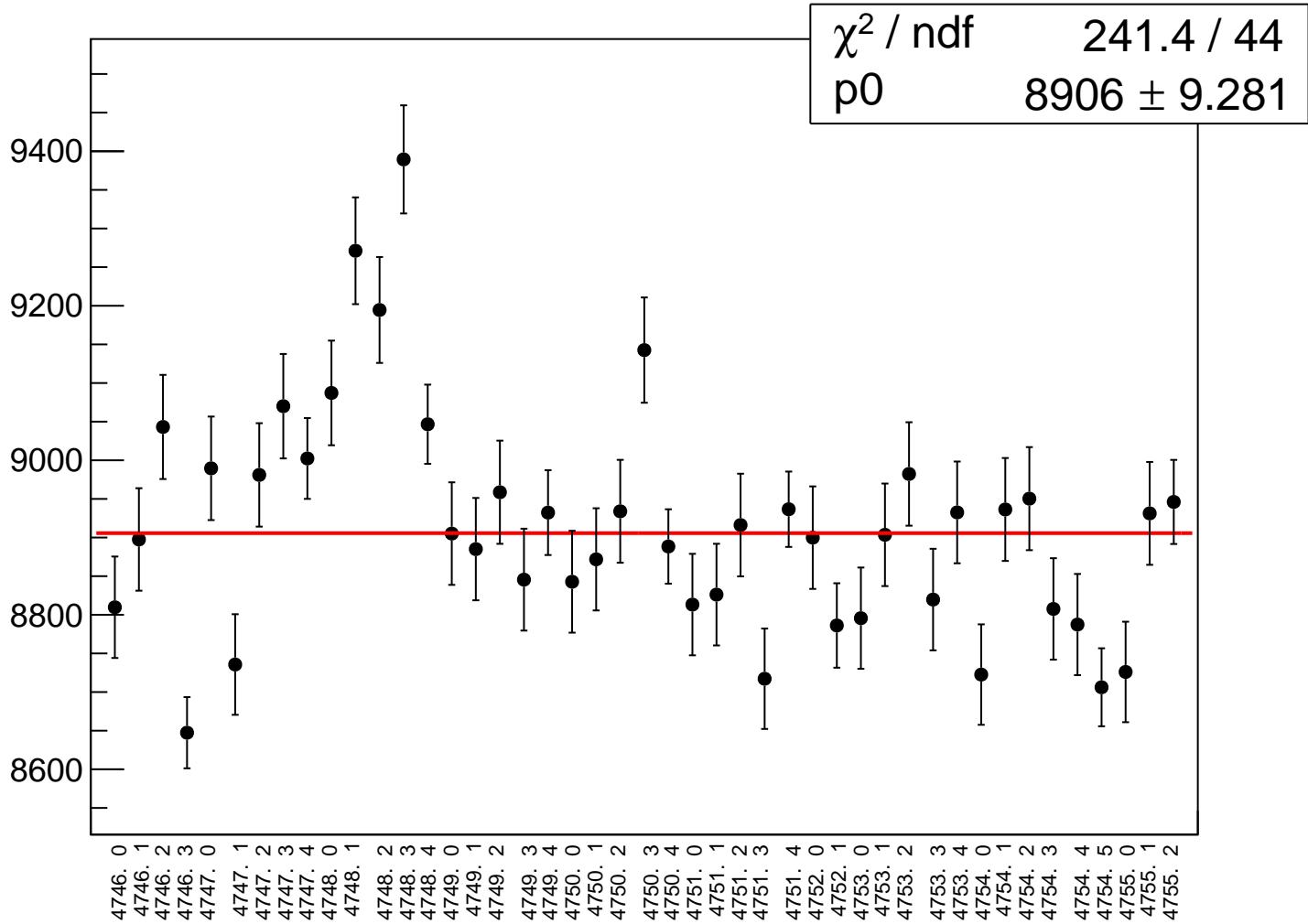
diff_bpm1i04Y_rms vs run



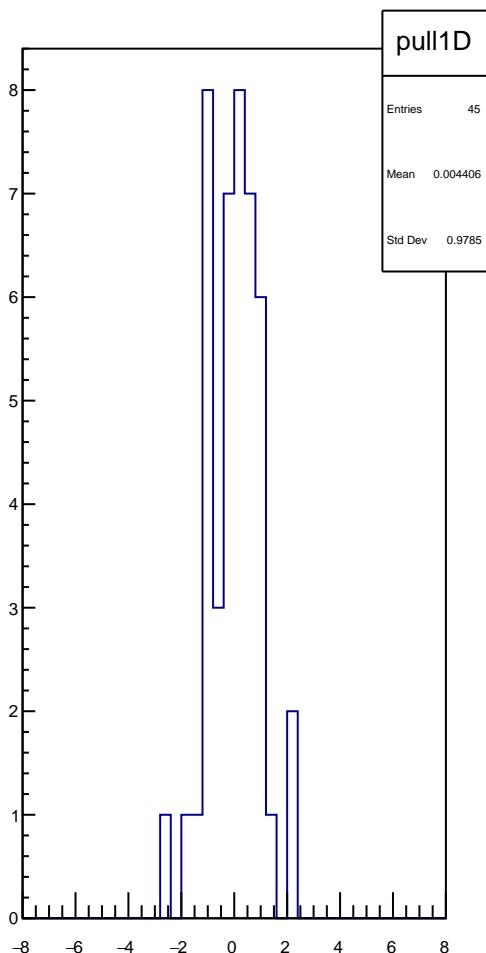
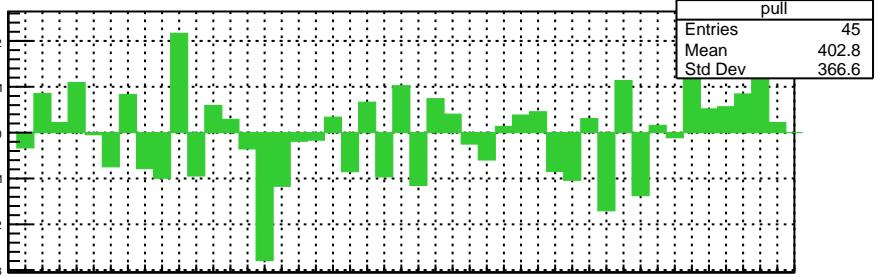
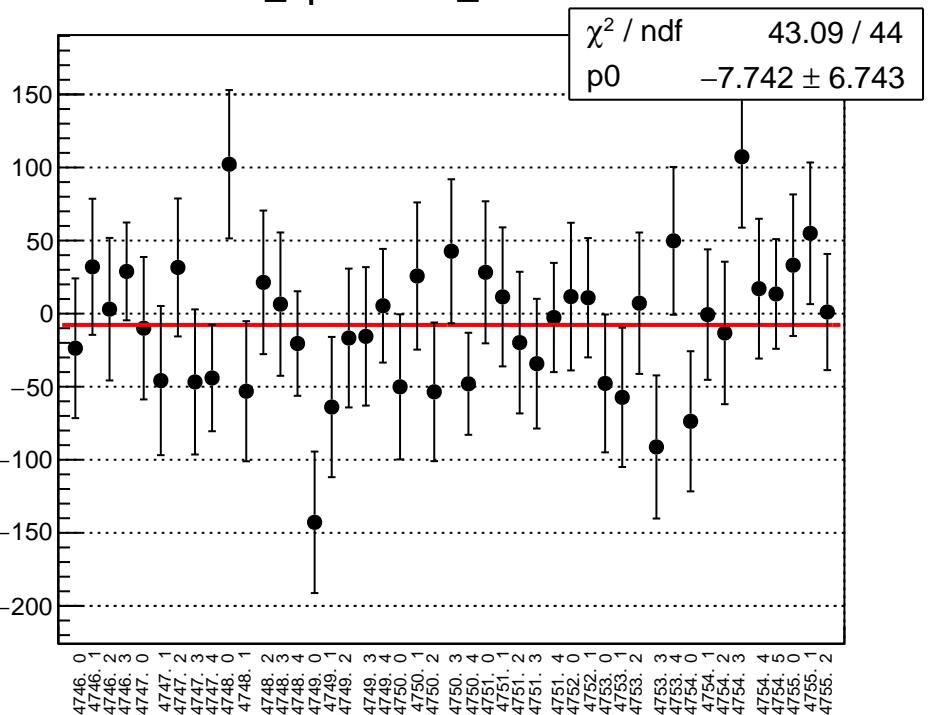
diff_bpm0l02X_mean vs run



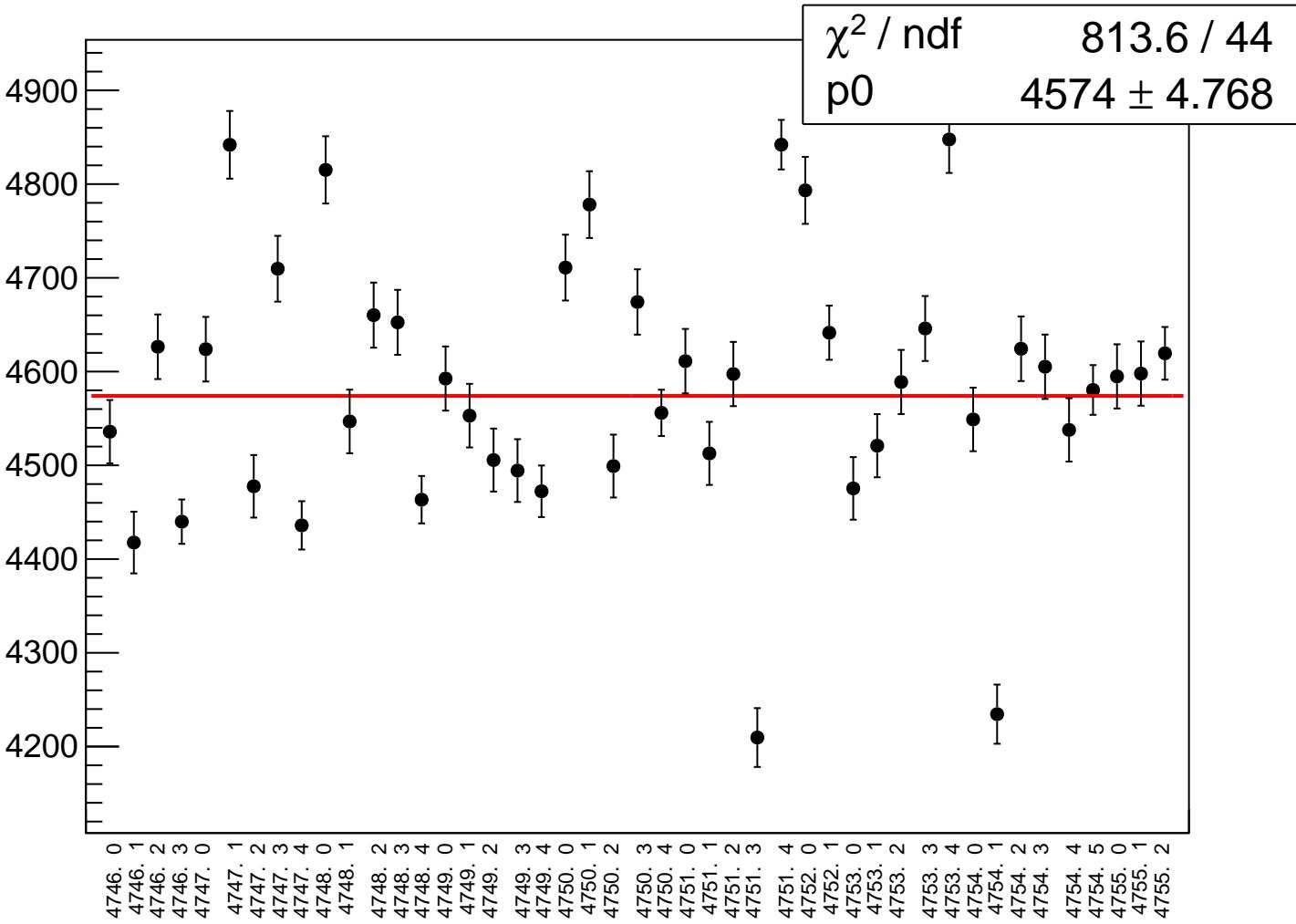
diff_bpm0I02X_rms vs run



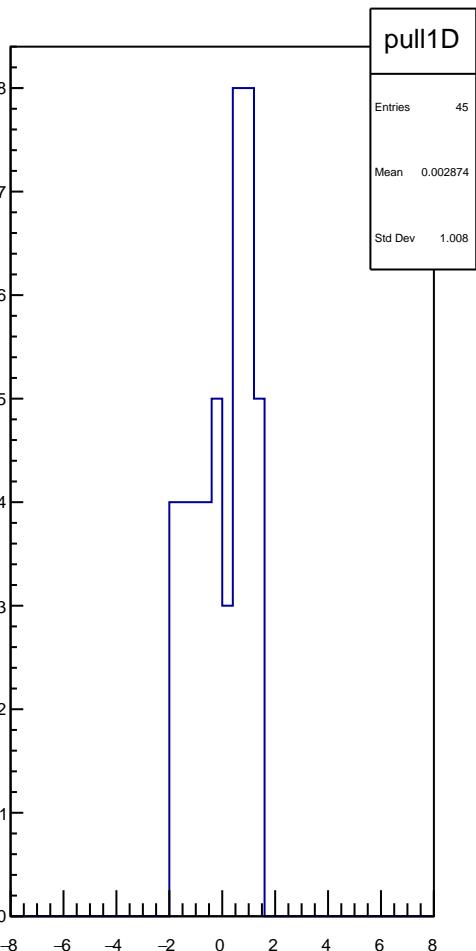
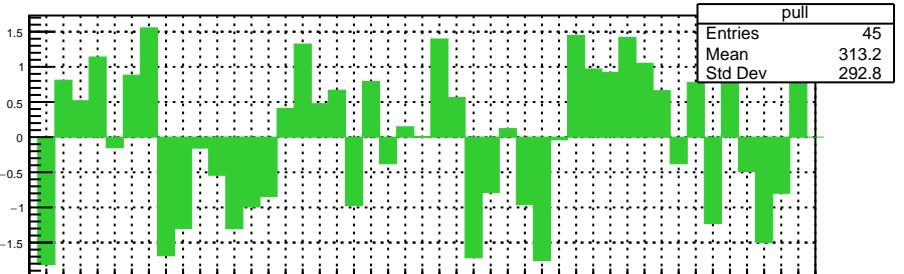
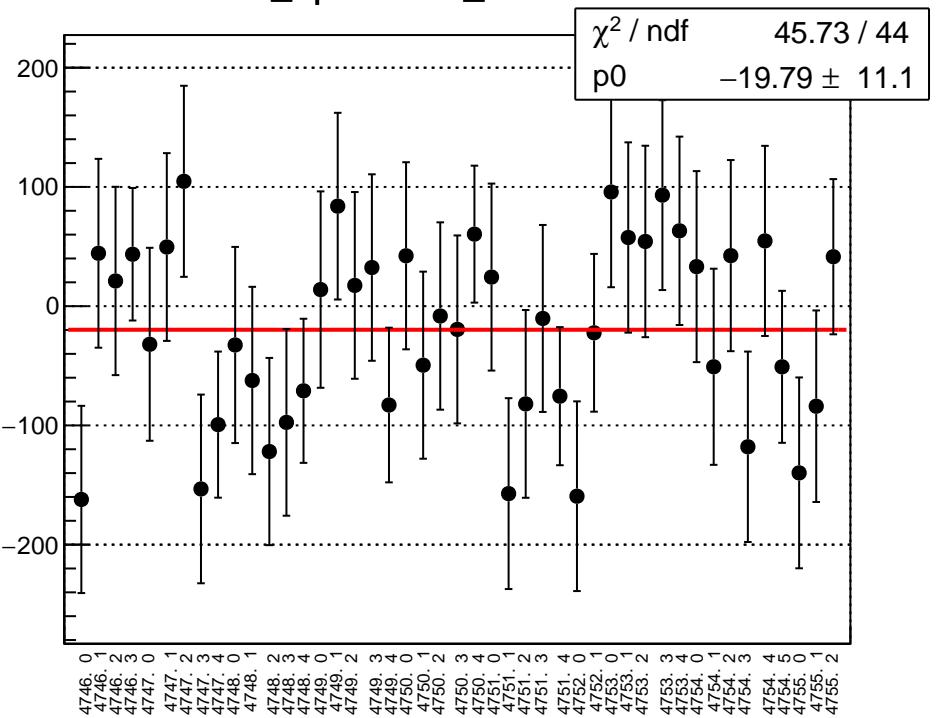
diff_bpm0l02Y_mean vs run



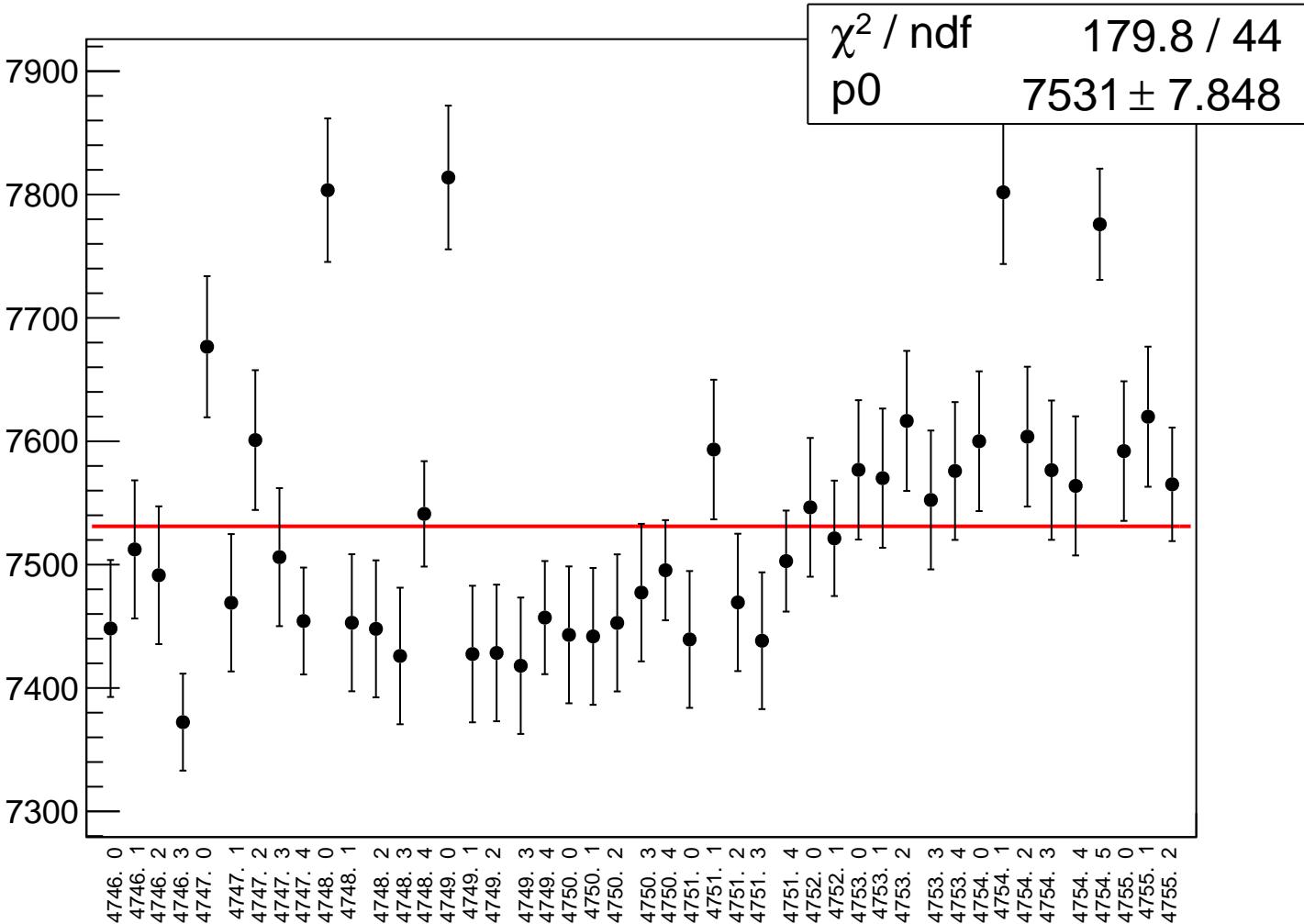
diff_bpm0I02Y_rms vs run



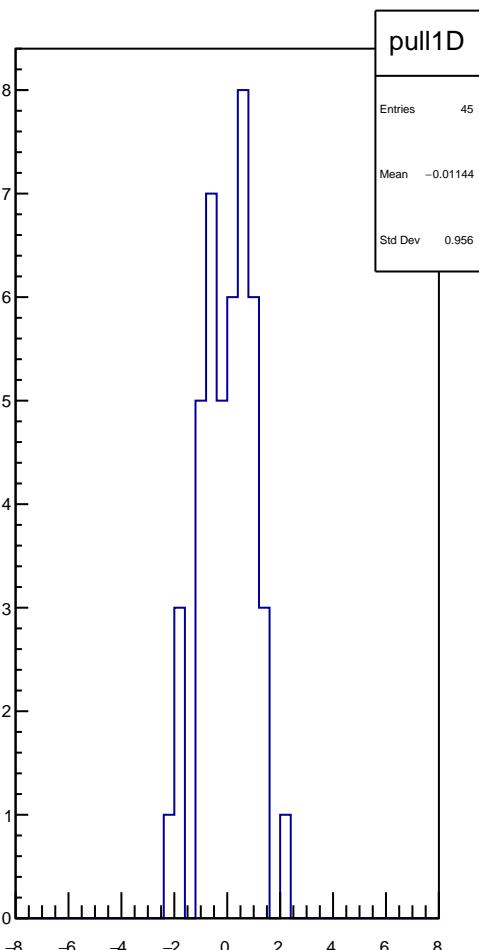
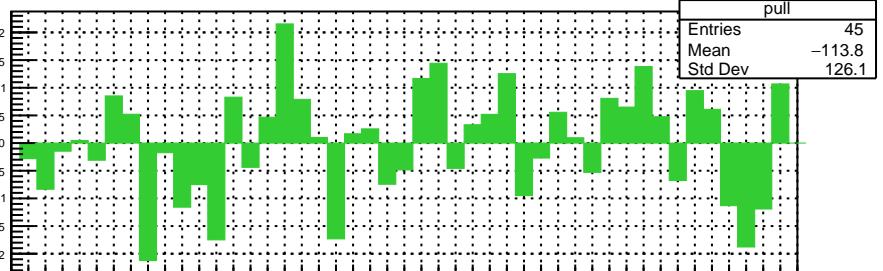
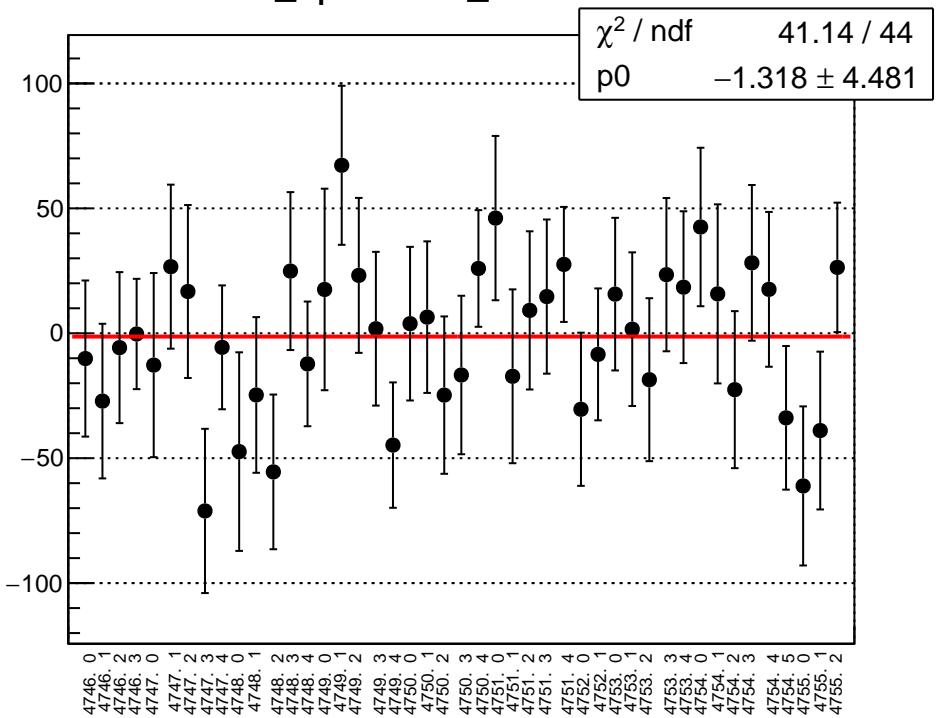
diff_bpm0l03X_mean vs run



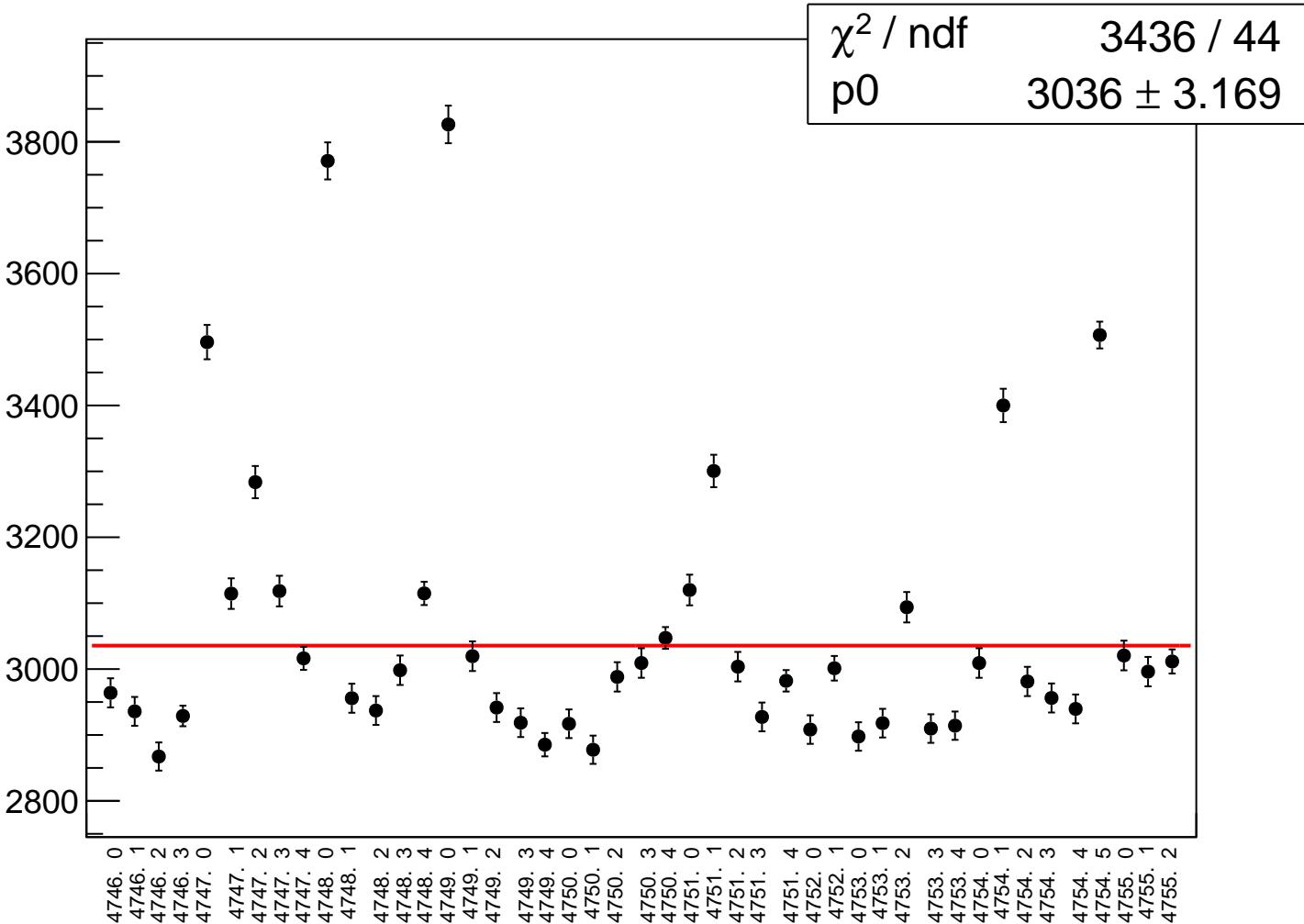
diff_bpm0I03X_rms vs run



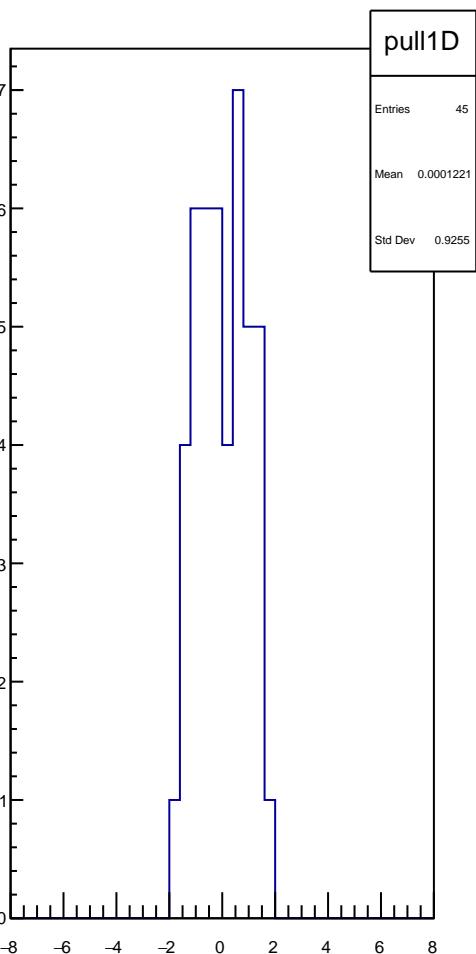
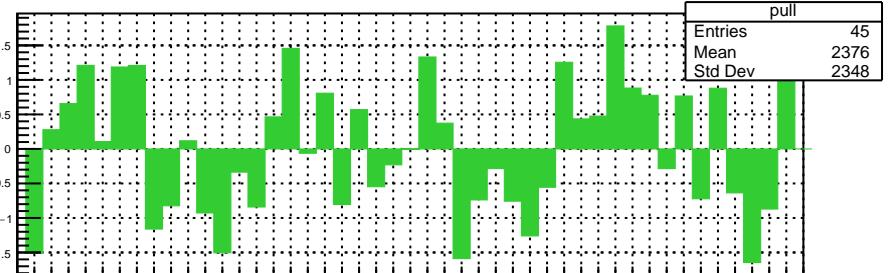
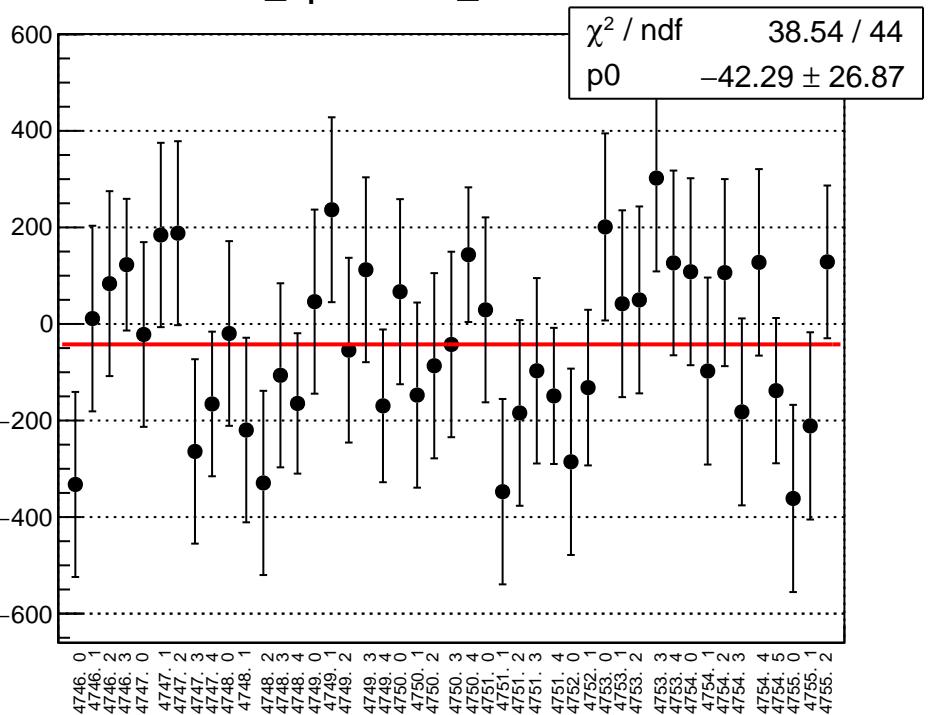
diff_bpm0l03Y_mean vs run



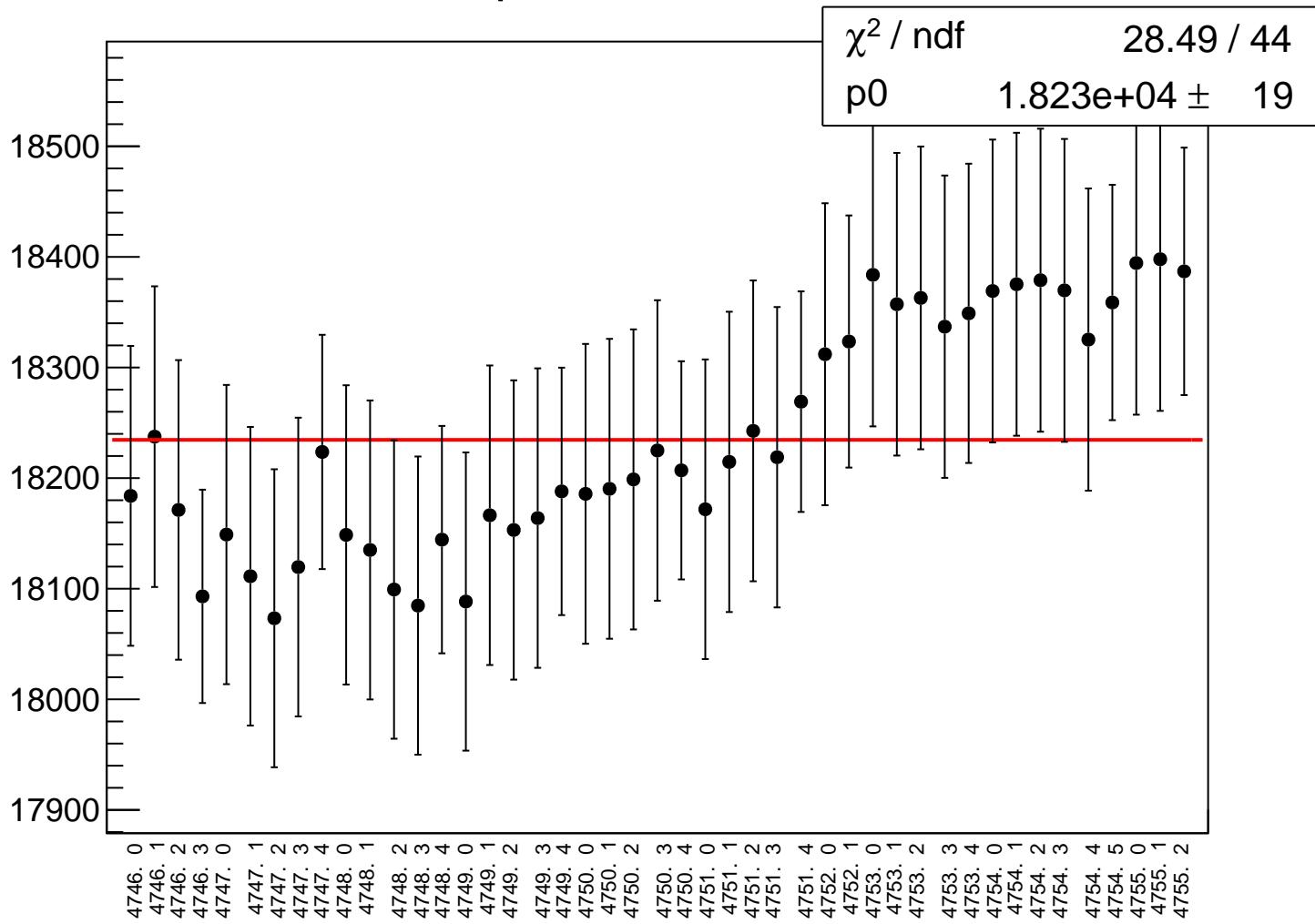
diff_bpm0I03Y_rms vs run



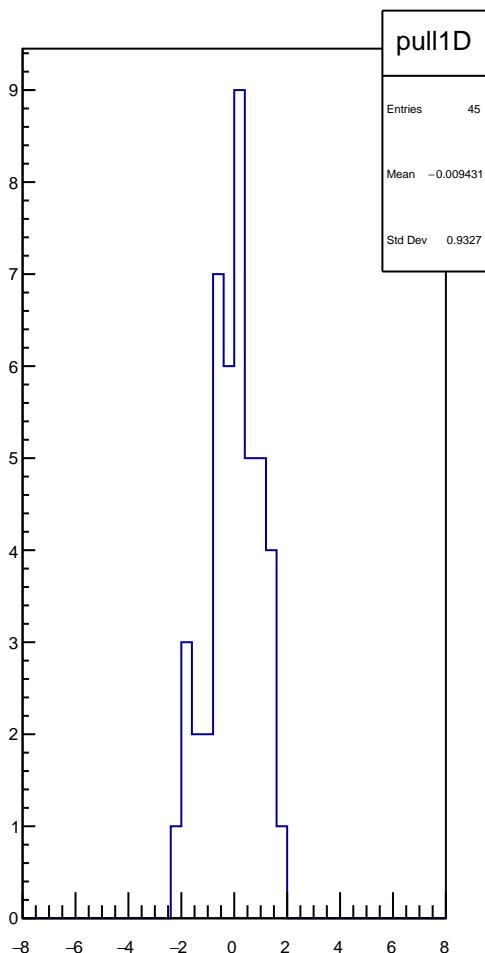
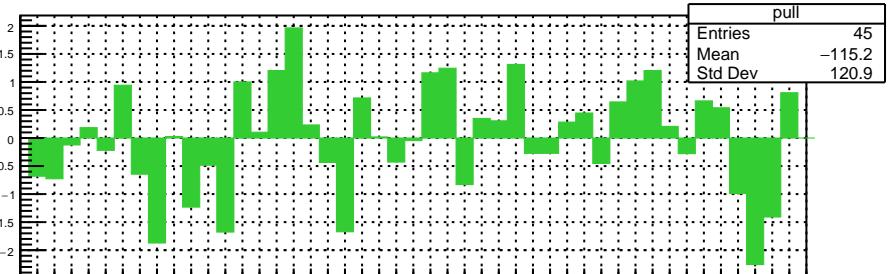
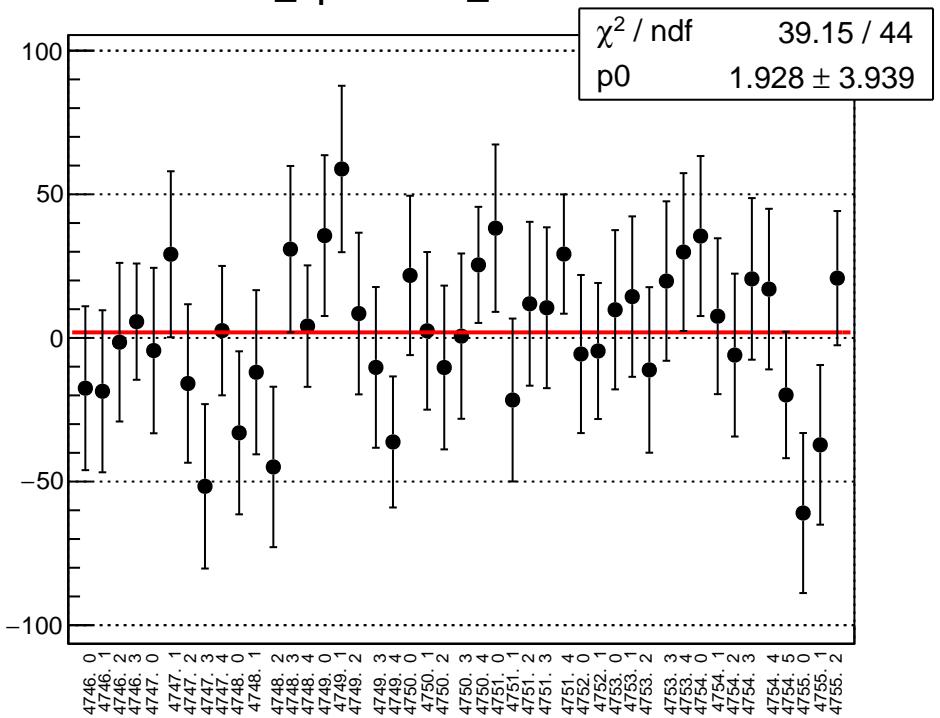
diff_bpm0l04X_mean vs run



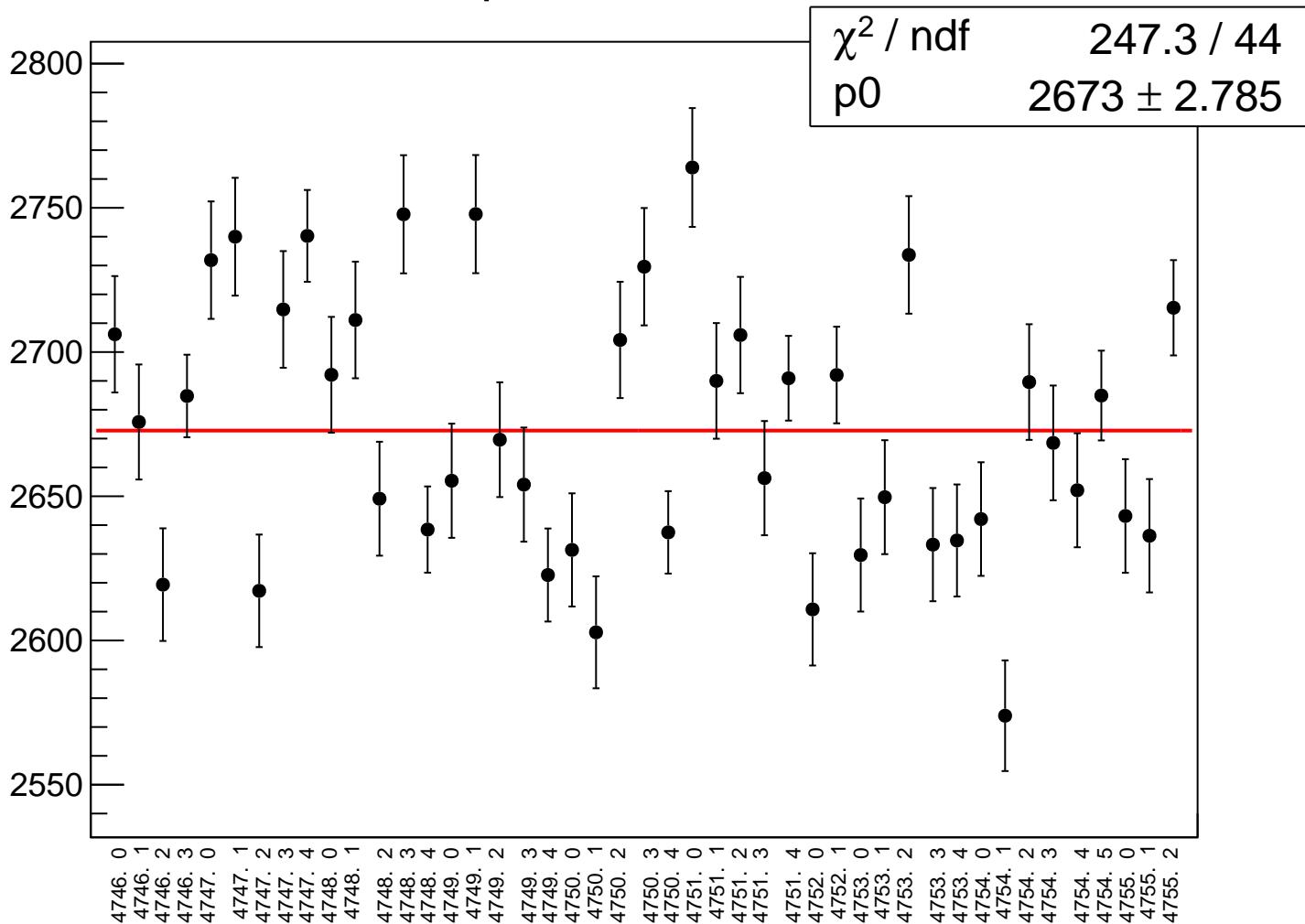
diff_bpm0I04X_rms vs run



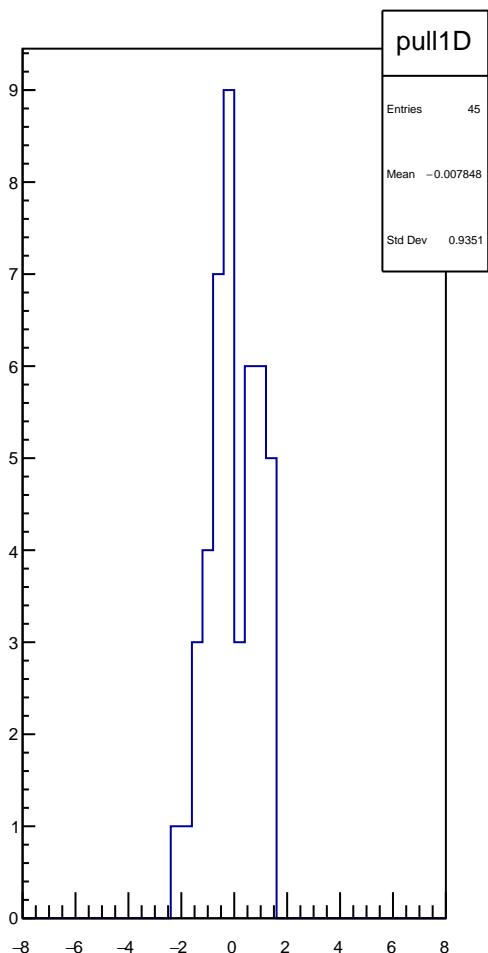
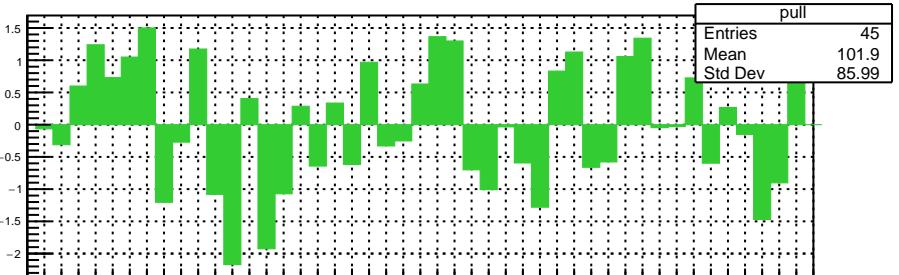
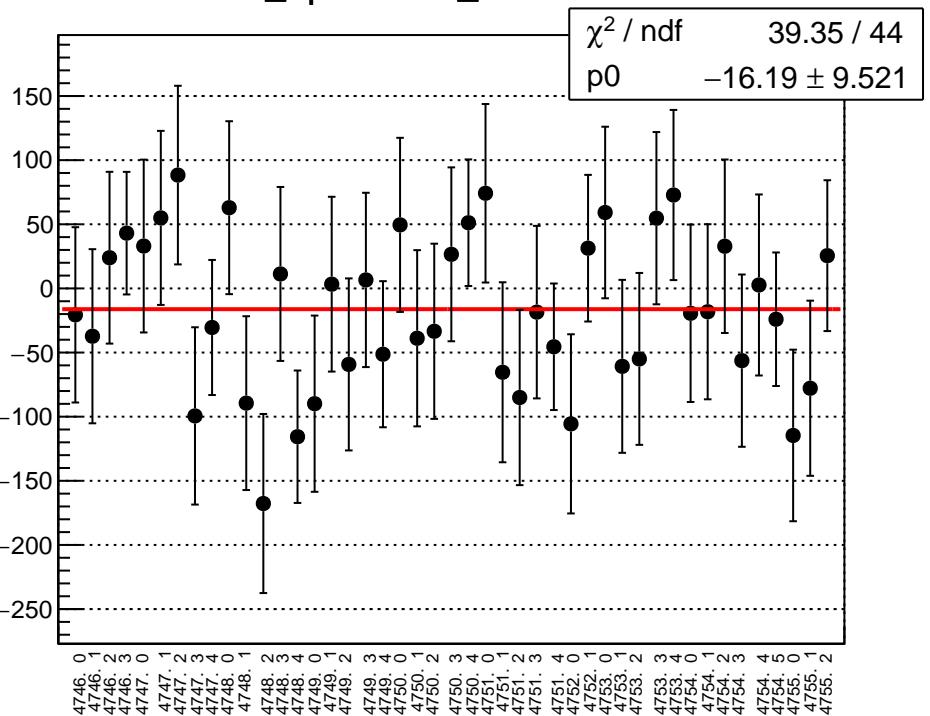
diff_bpm0l04Y_mean vs run



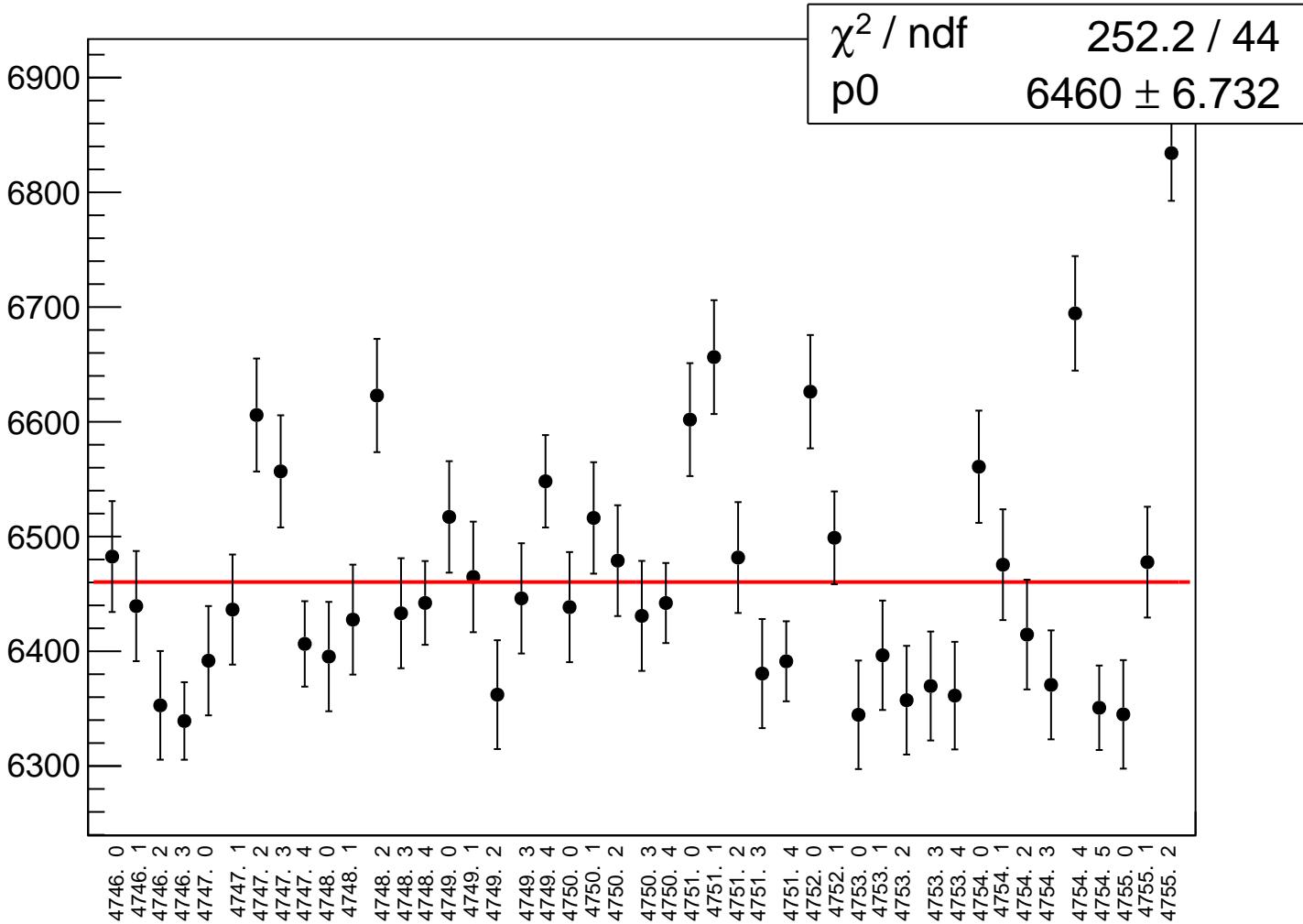
diff_bpmon04Y_rms vs run



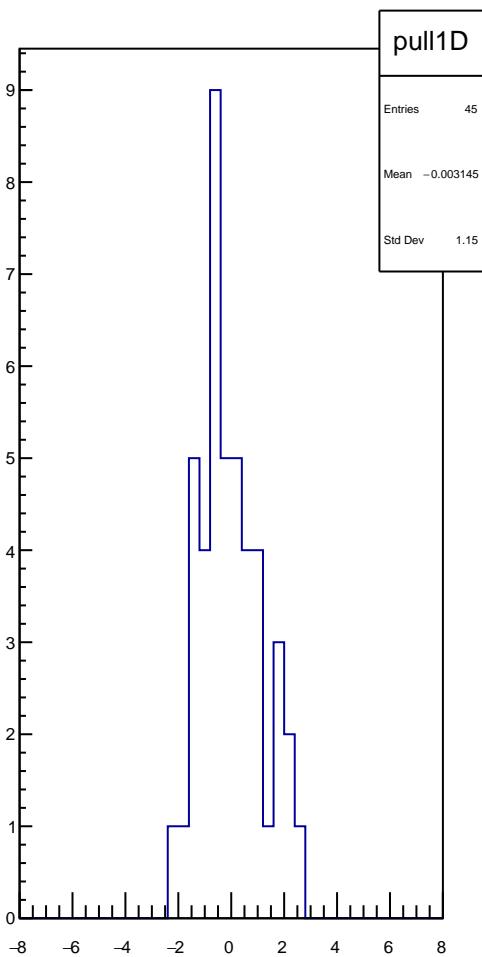
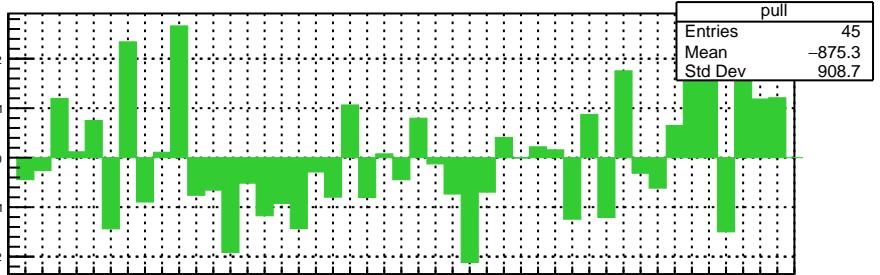
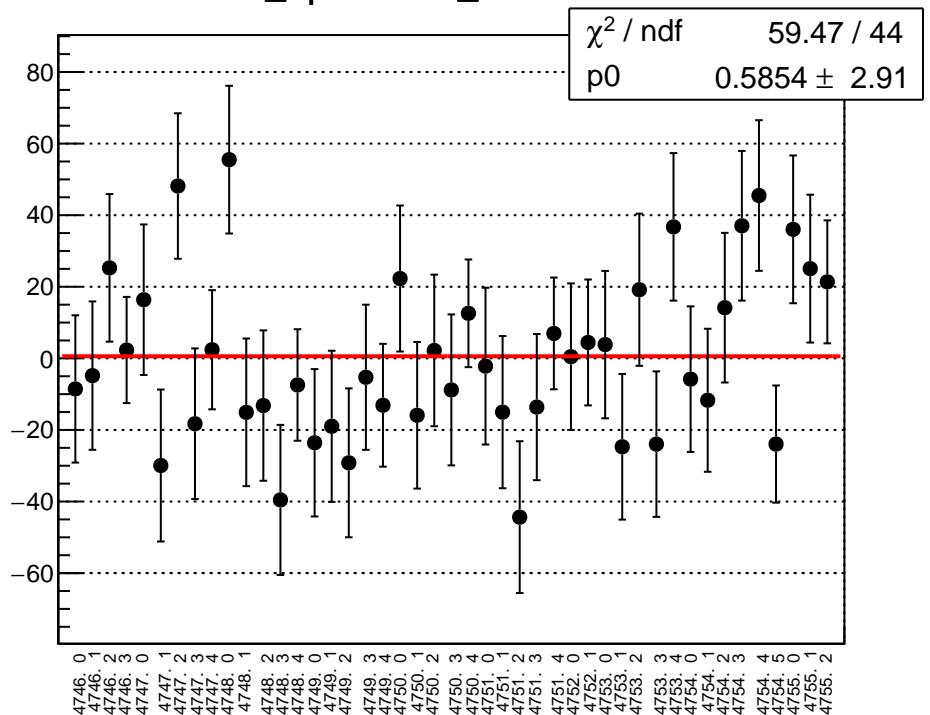
diff_bpm0l05X_mean vs run



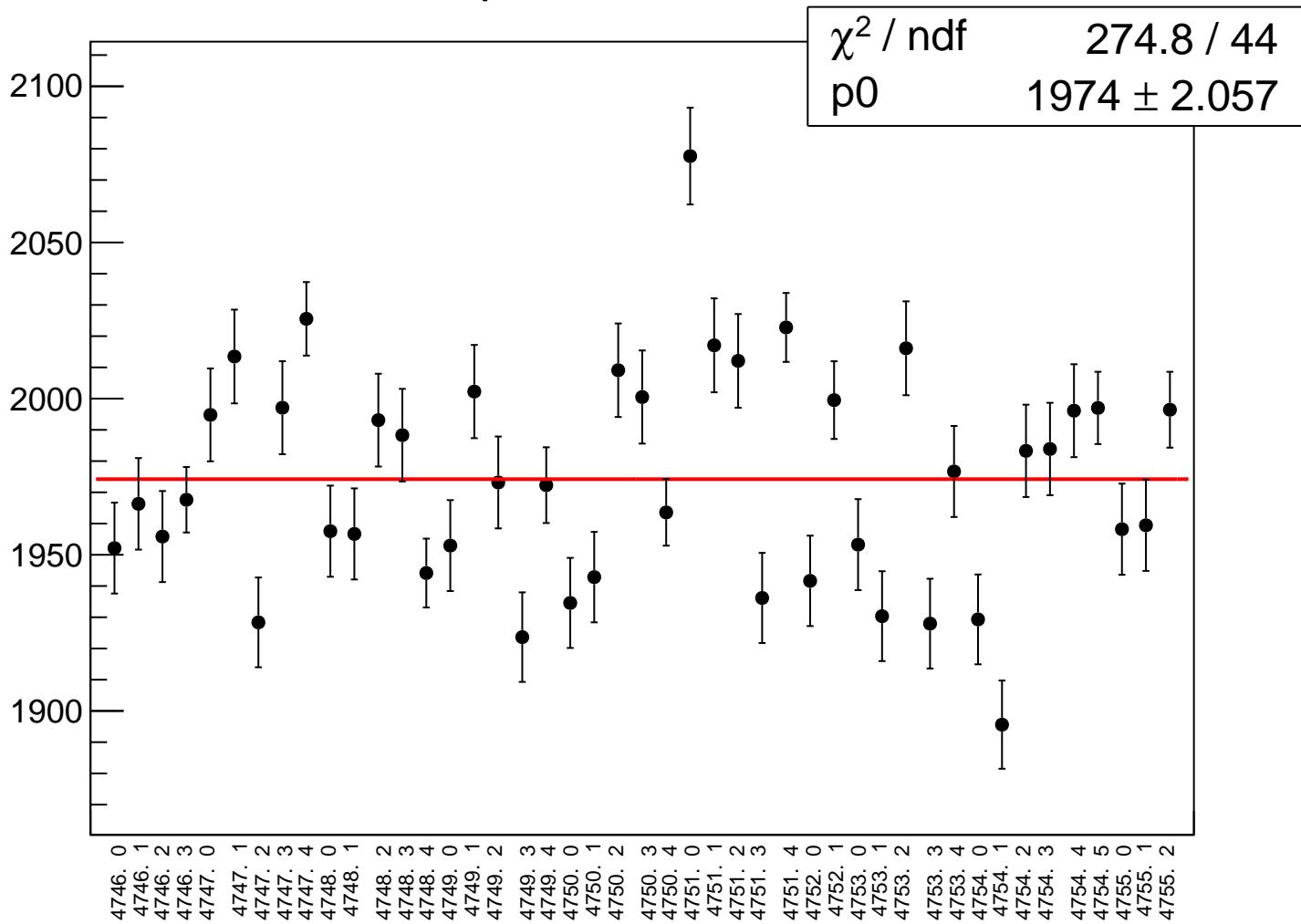
diff_bpm0I05X_rms vs run



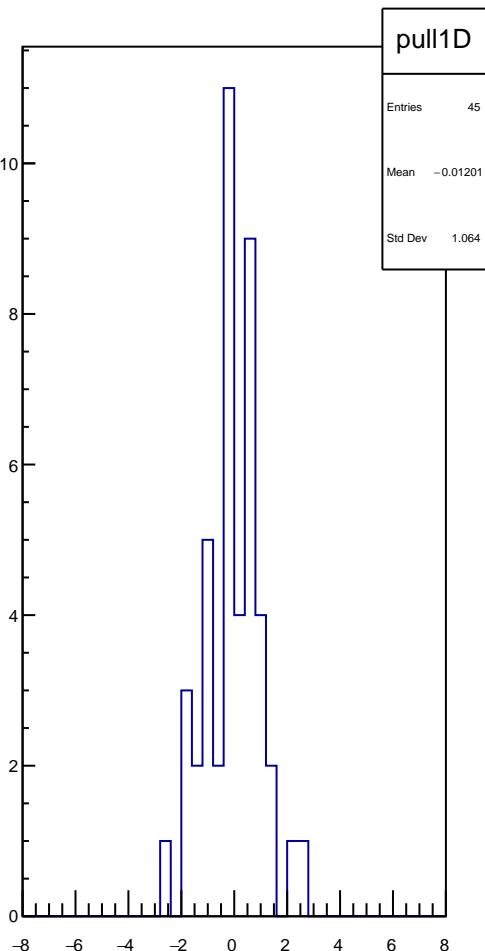
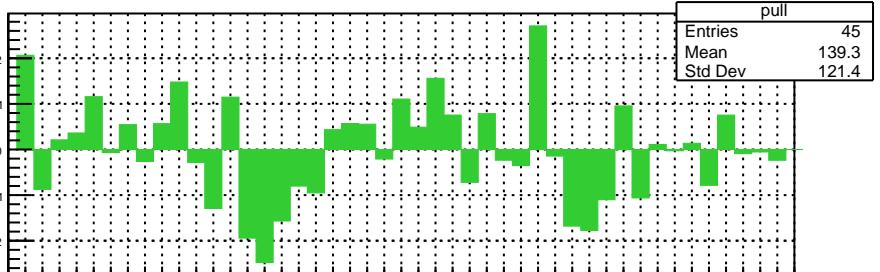
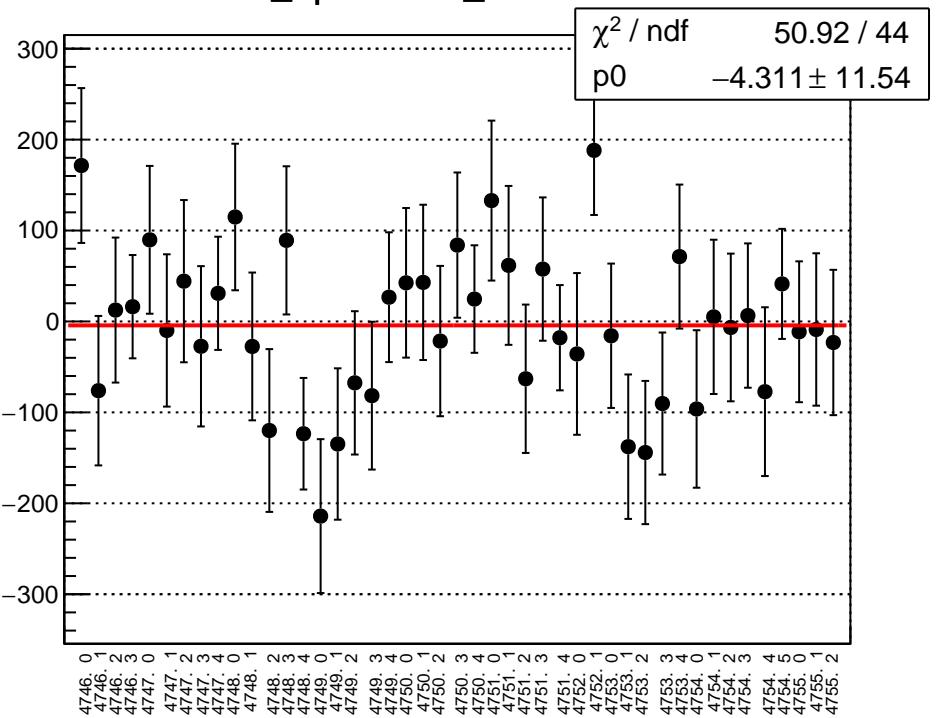
diff_bpm0l05Y_mean vs run



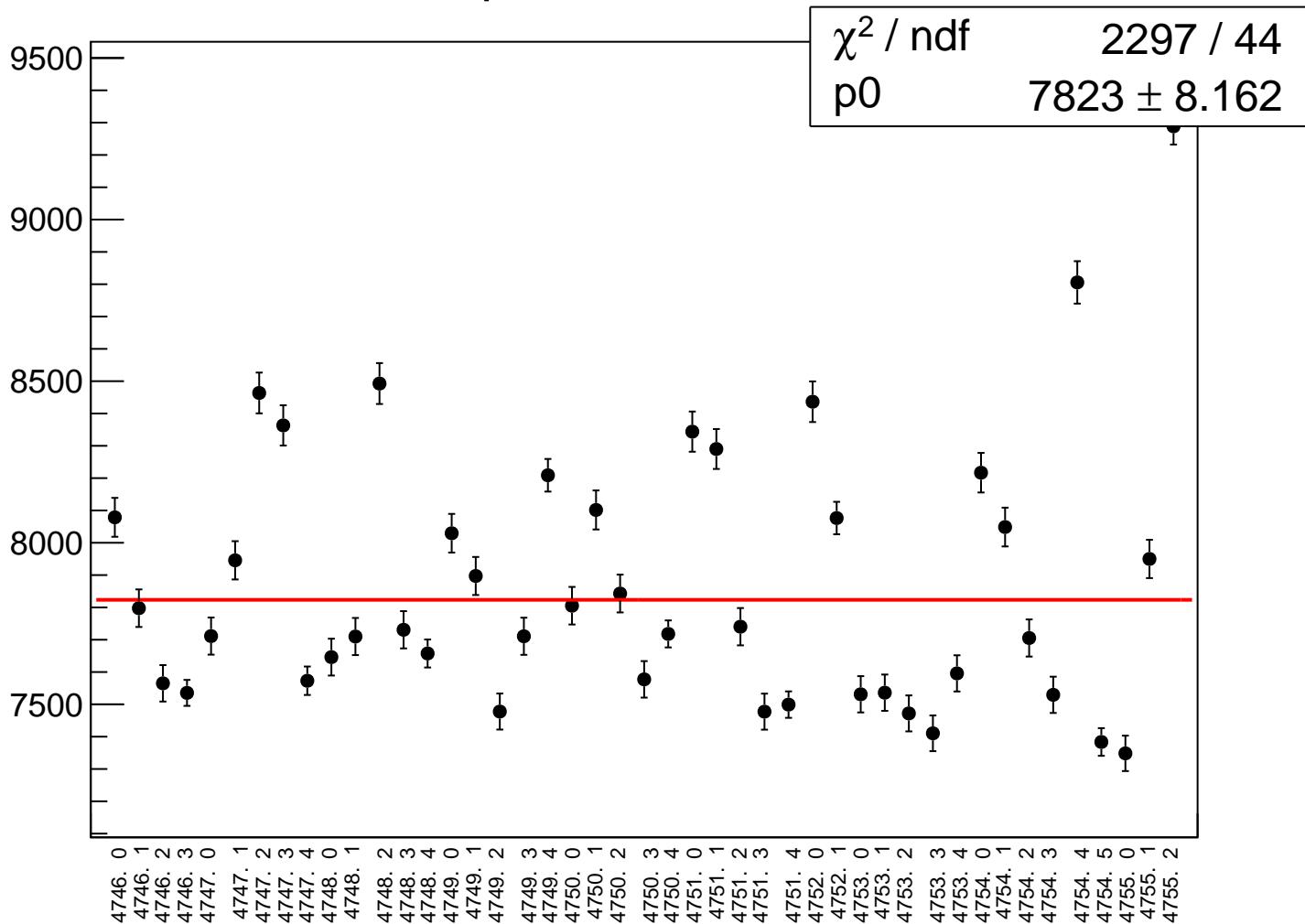
diff_bpm0I05Y_rms vs run



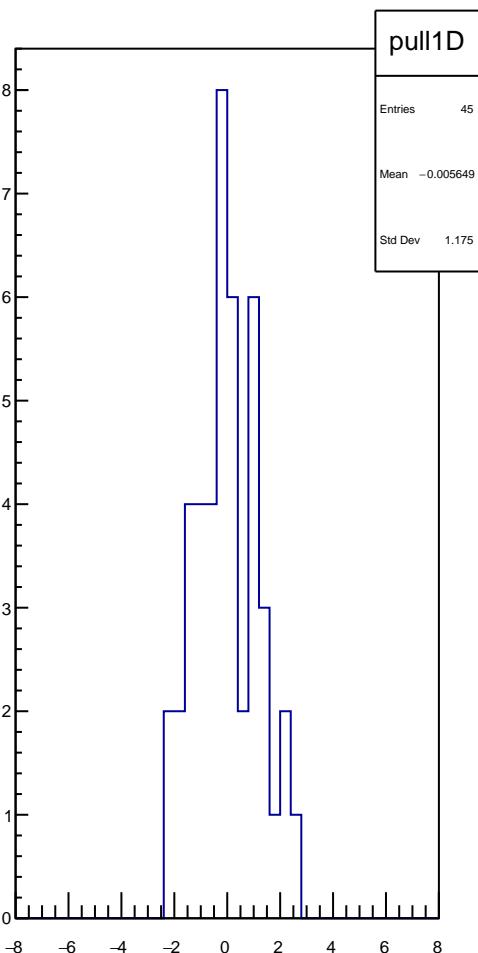
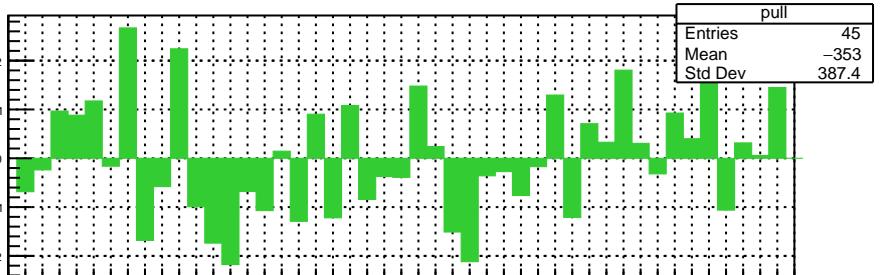
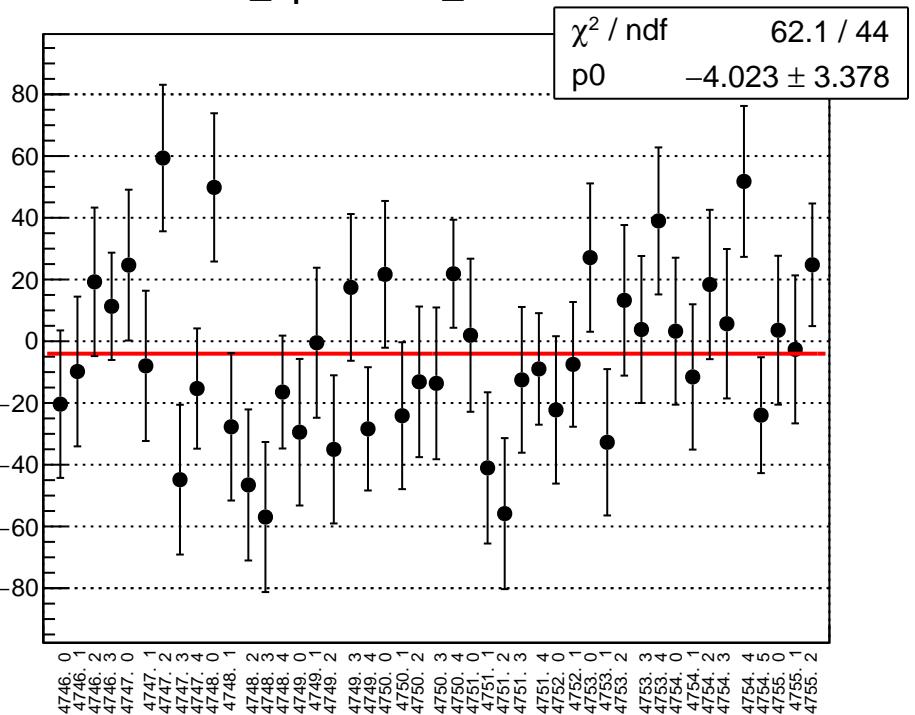
diff_bpm0l06X_mean vs run



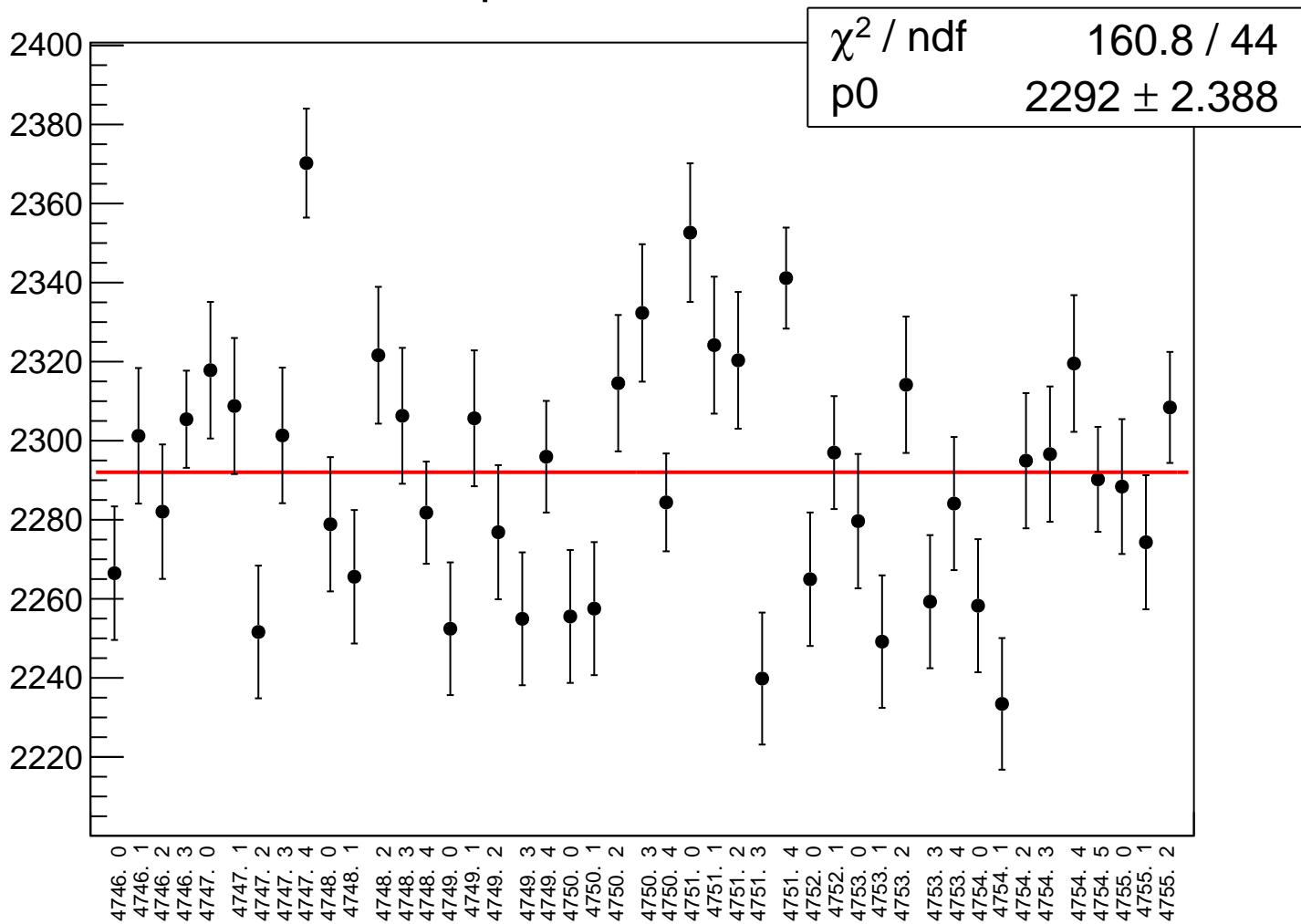
diff_bpmon06X_rms vs run



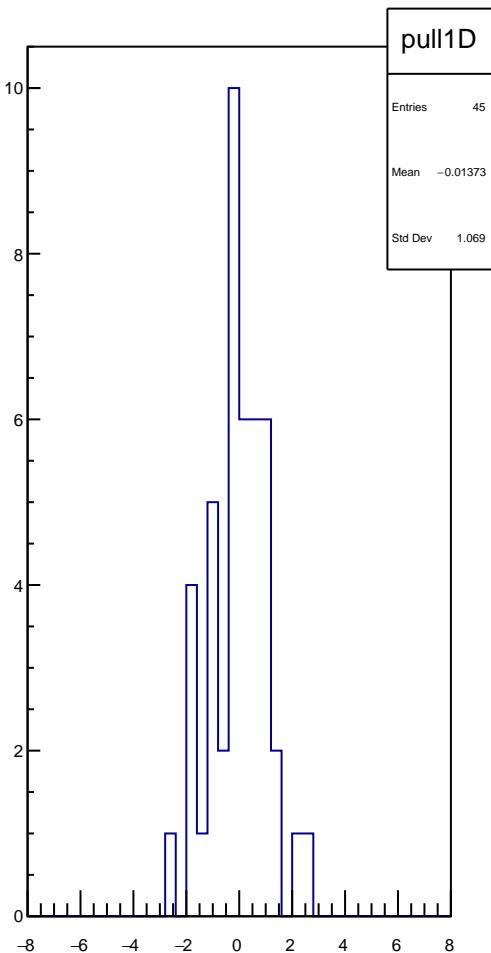
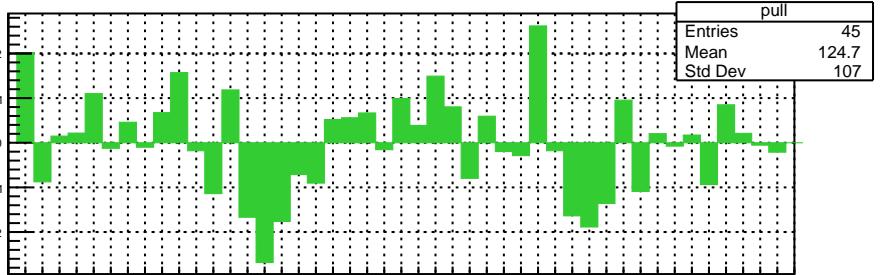
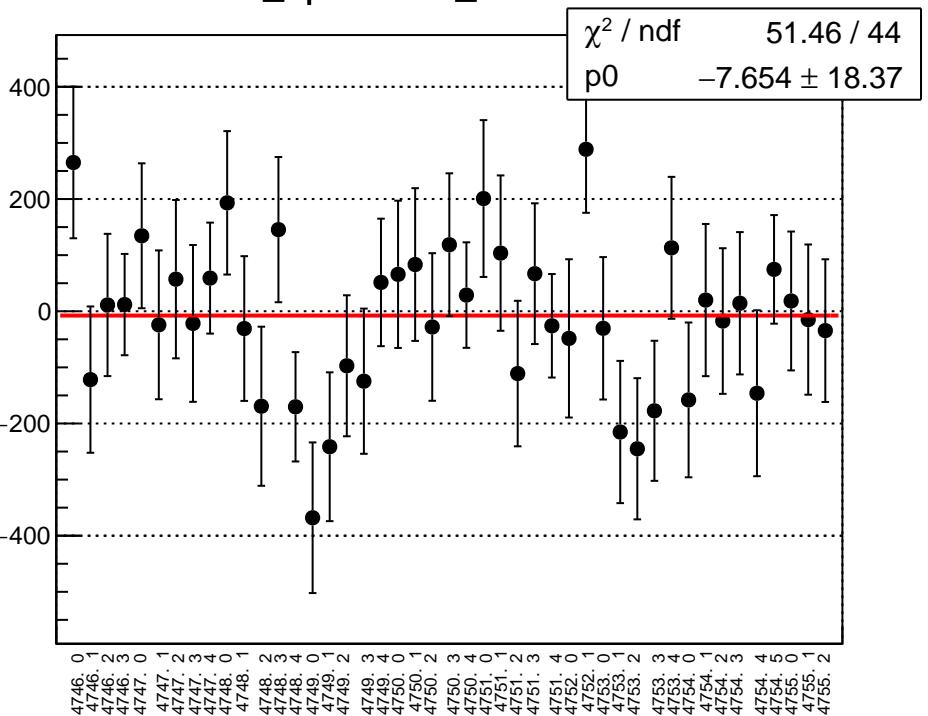
diff_bpm0l06Y_mean vs run



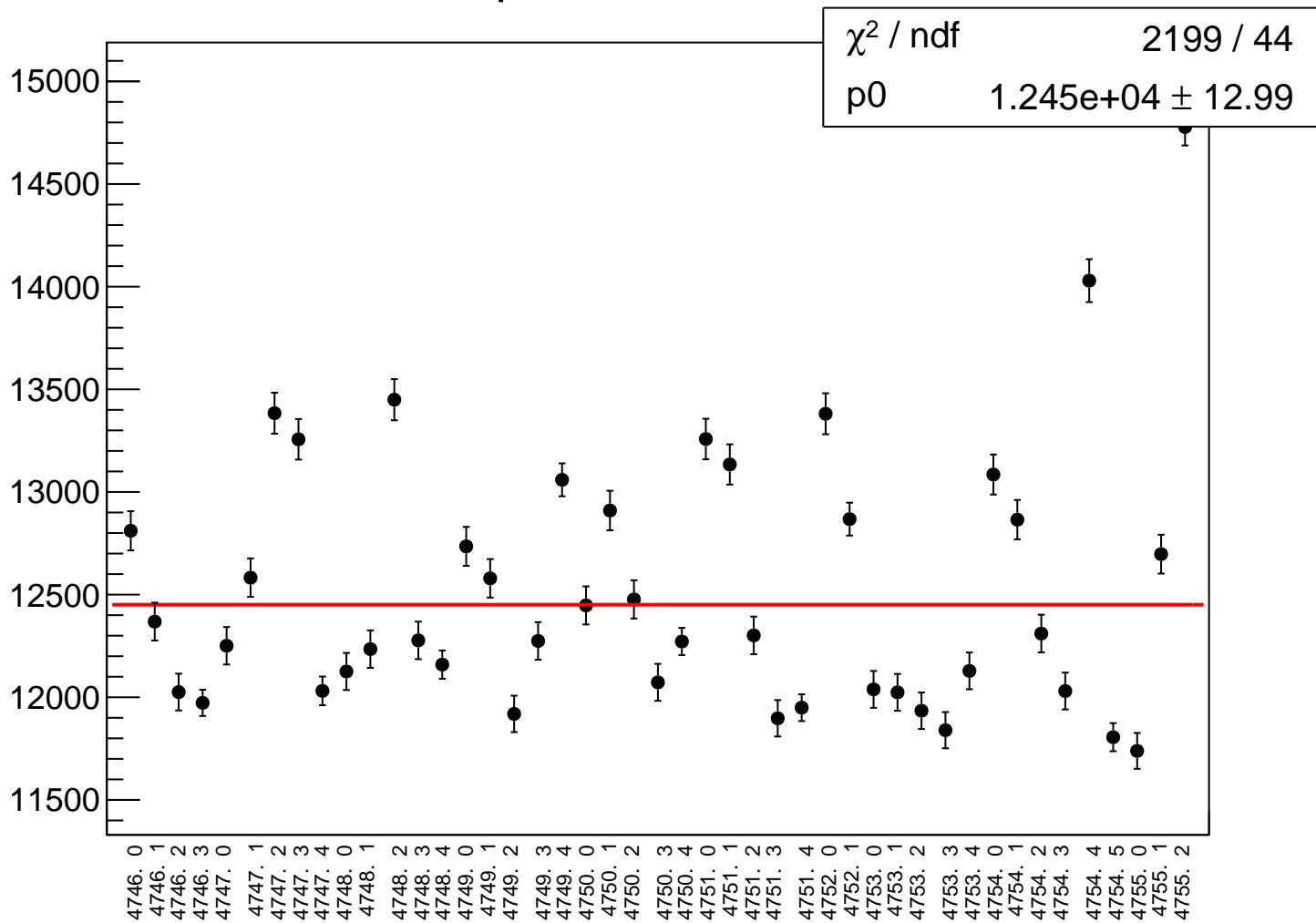
diff_bpm0I06Y_rms vs run



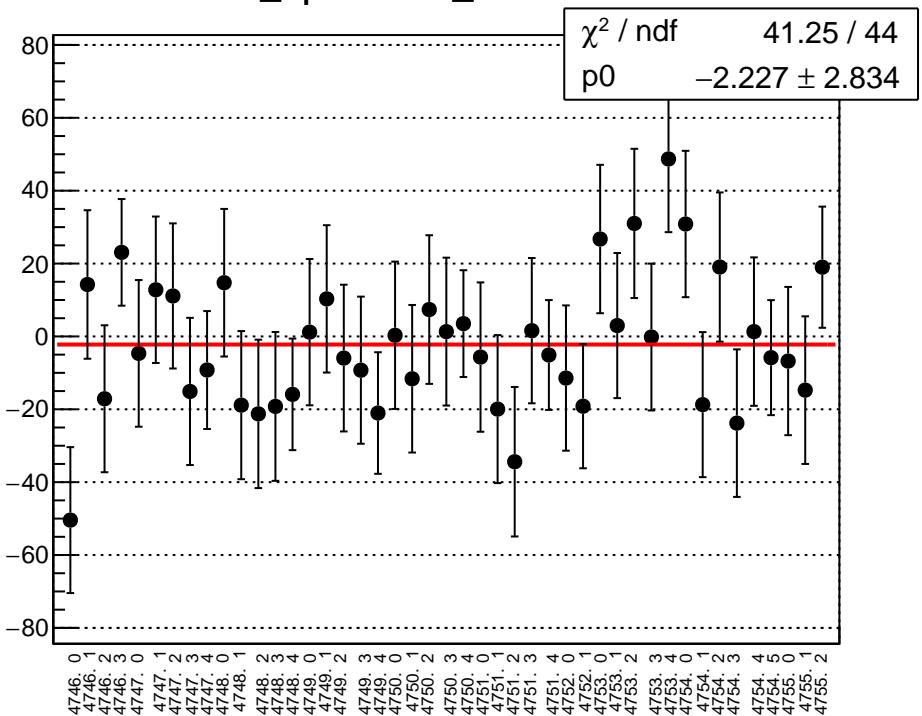
diff_bpm0l07X_mean vs run



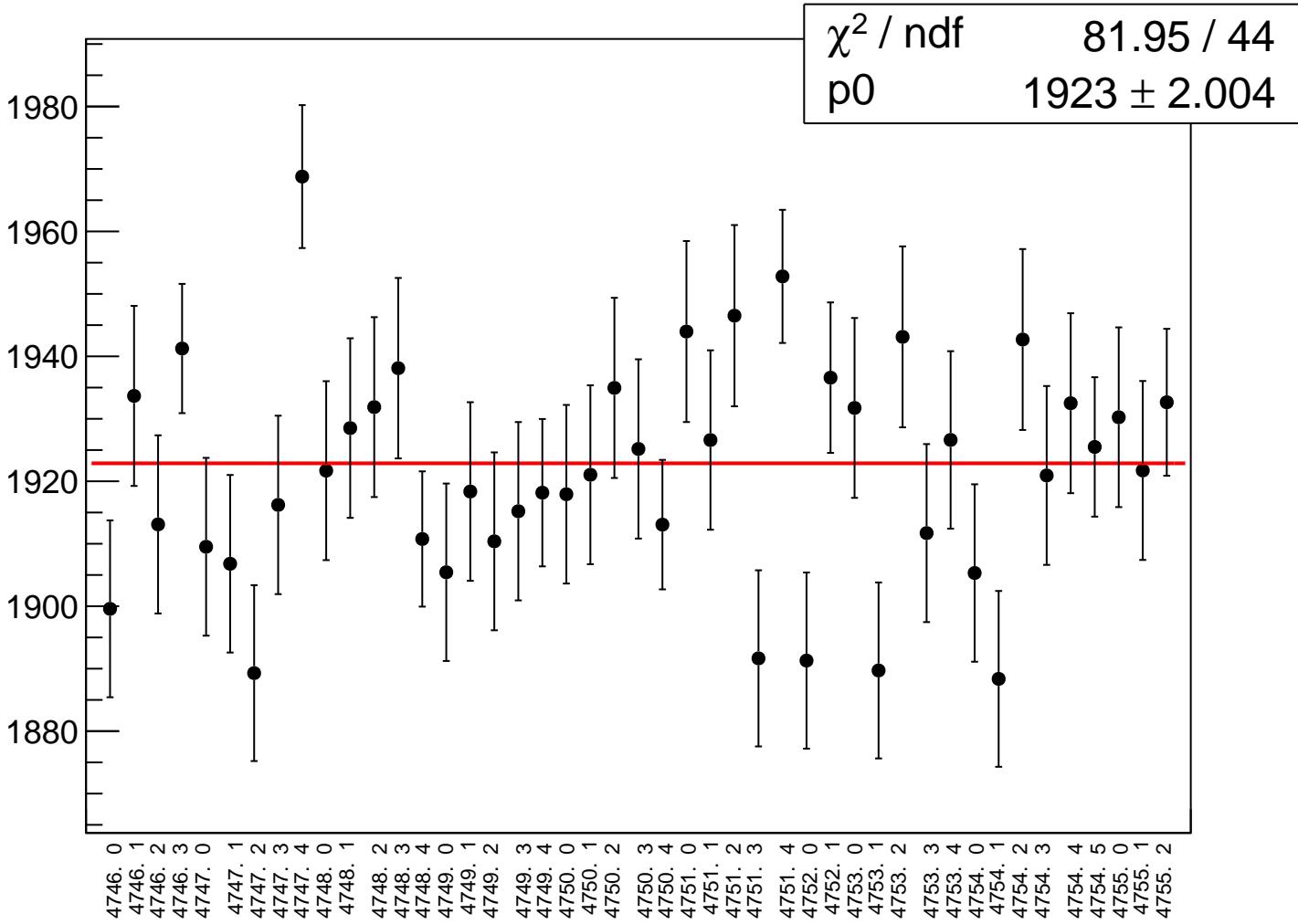
diff_bpm0I07X_rms vs run



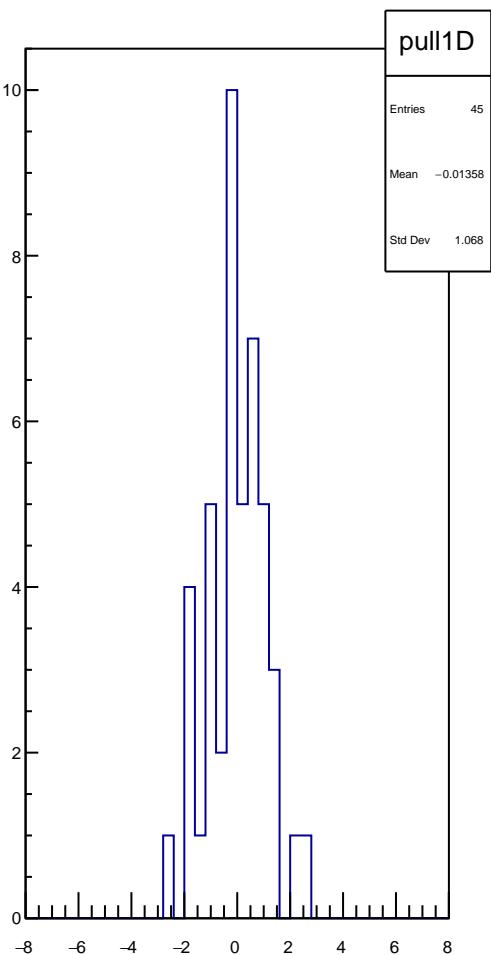
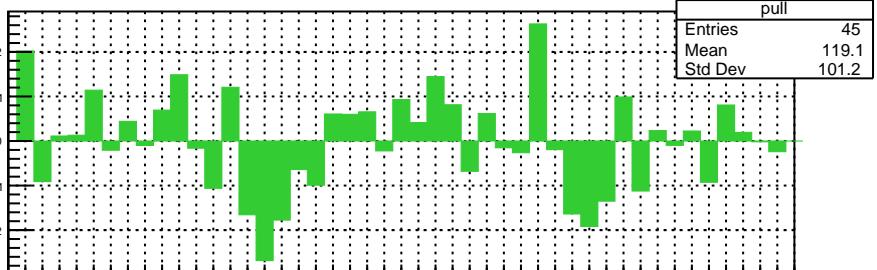
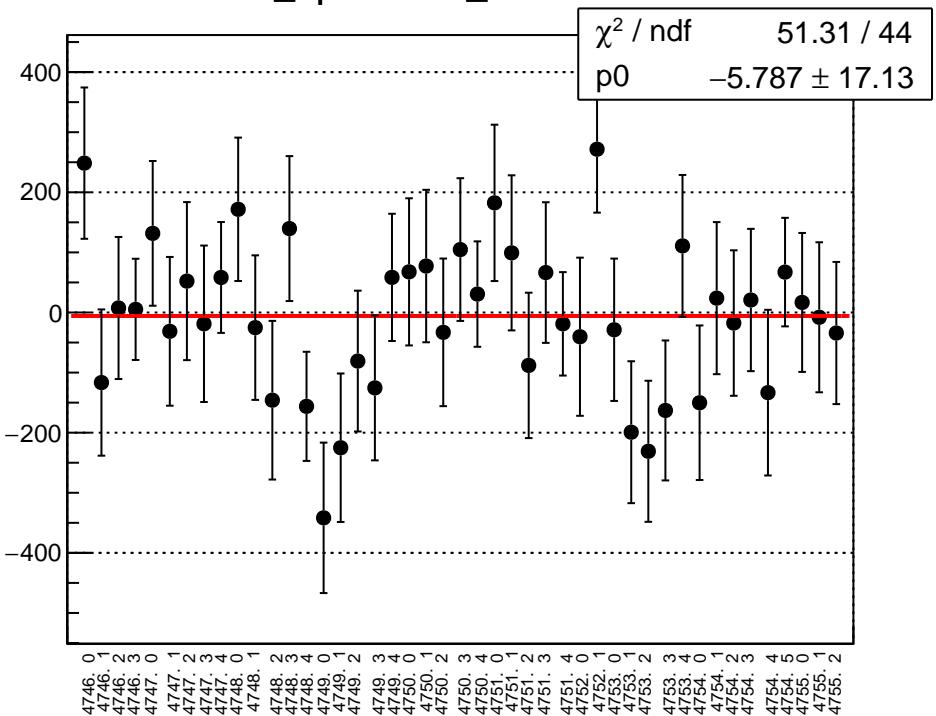
diff_bpm0l07Y_mean vs run



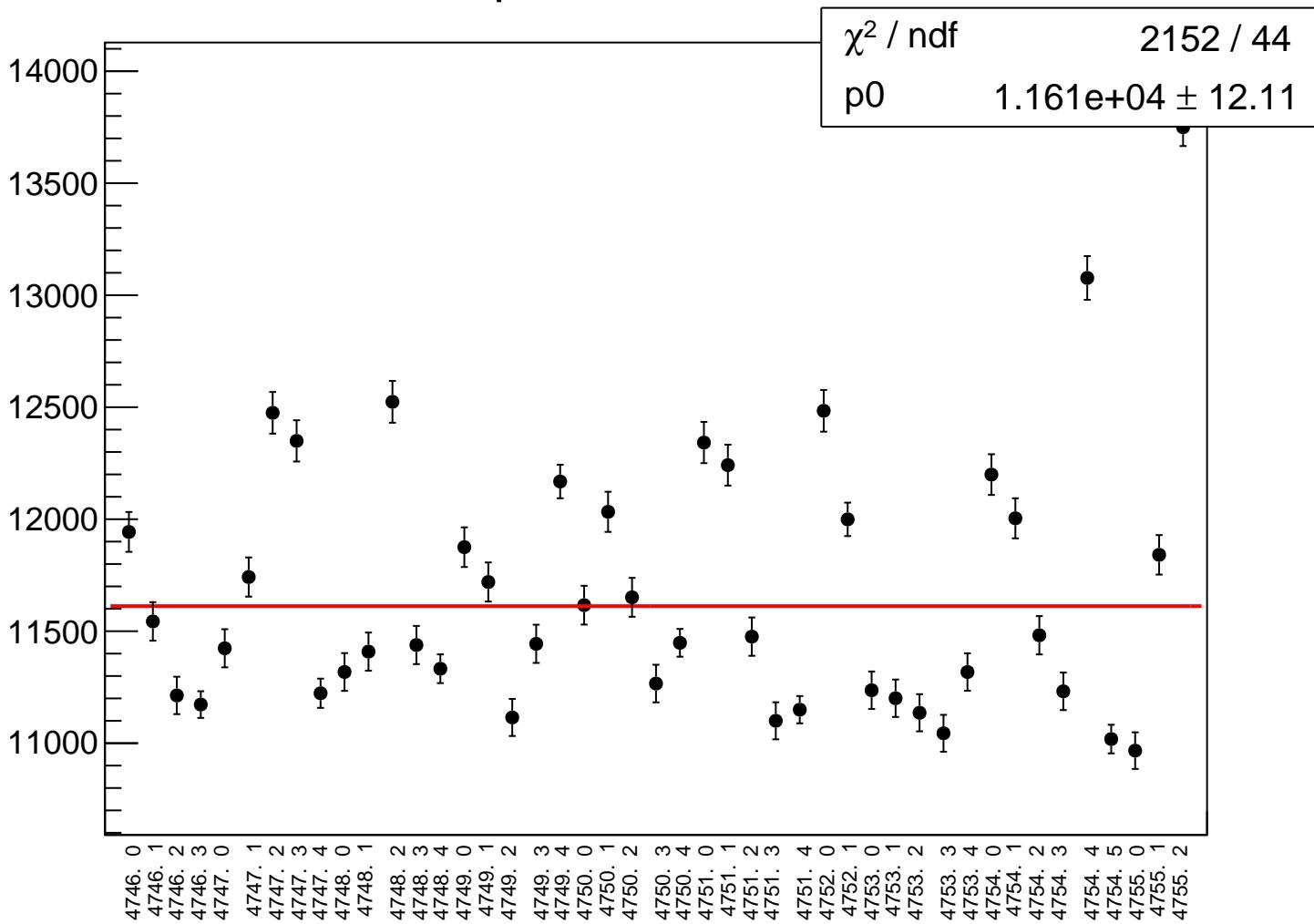
diff_bpm0I07Y_rms vs run



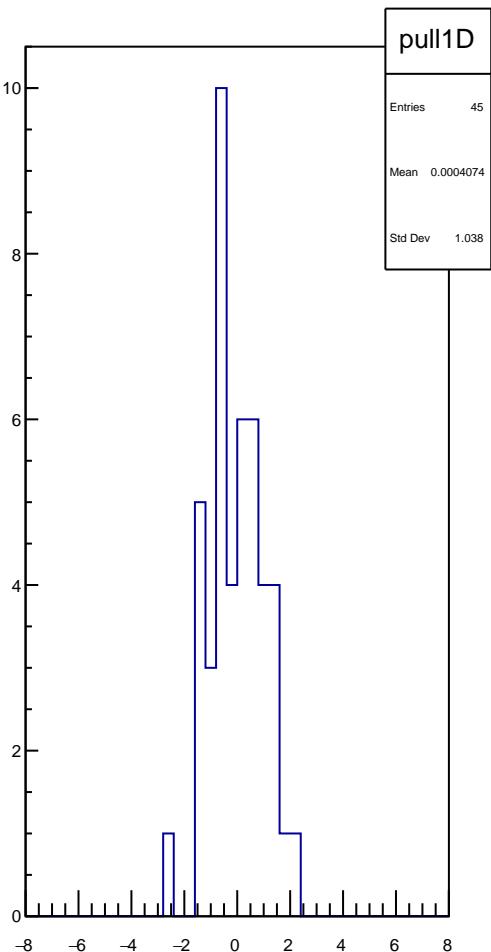
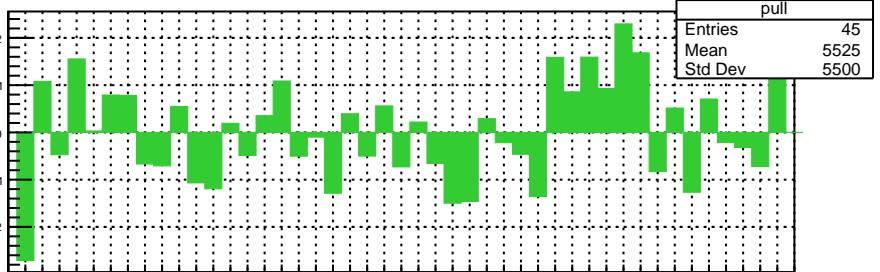
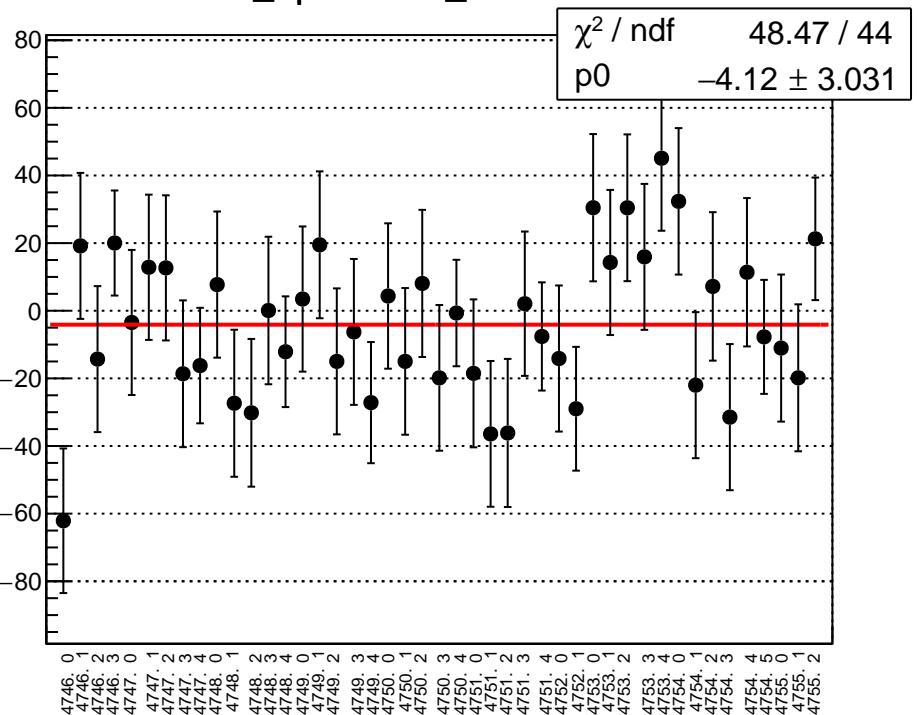
diff_bpm0l08X_mean vs run



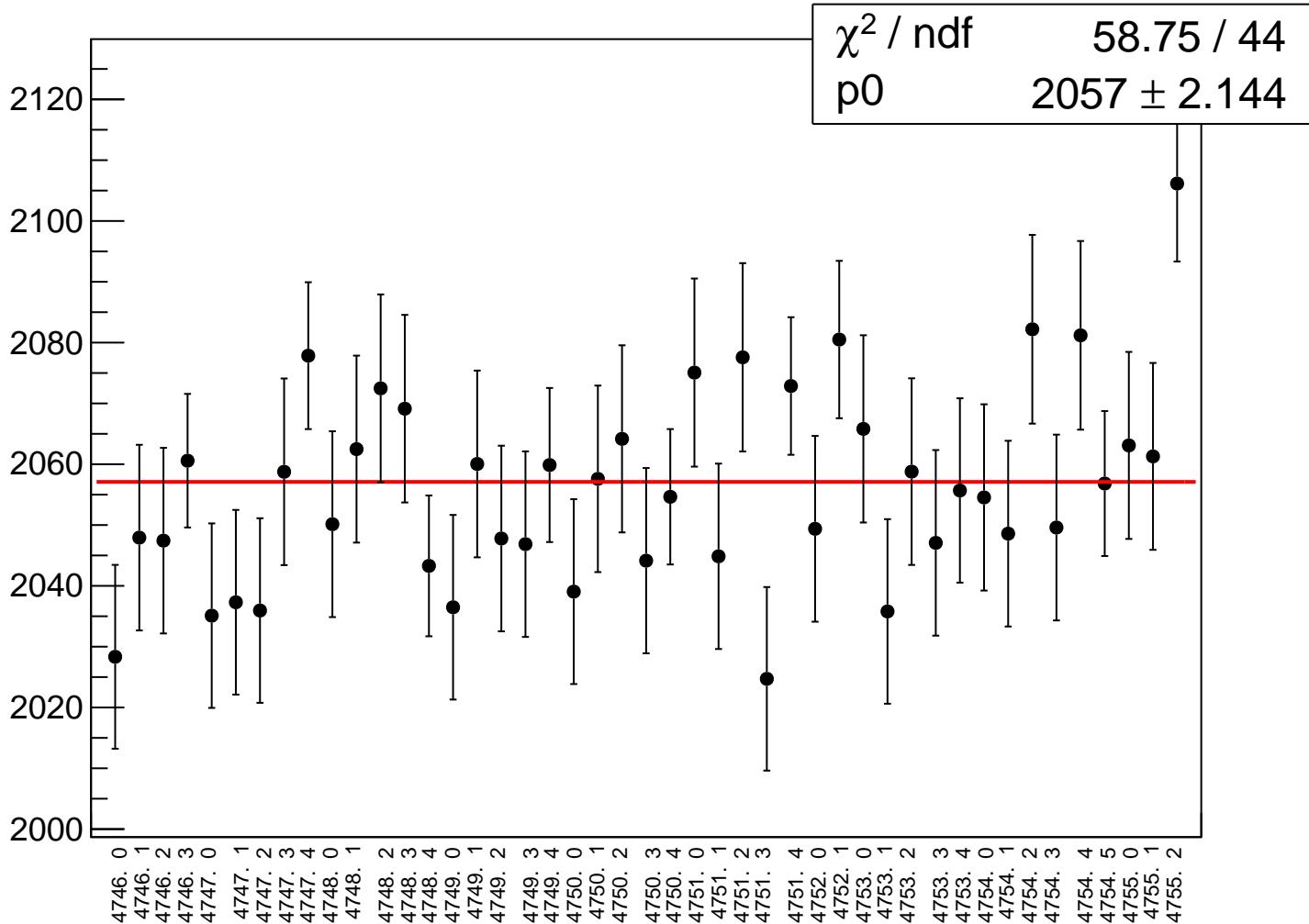
diff_bpm0I08X_rms vs run



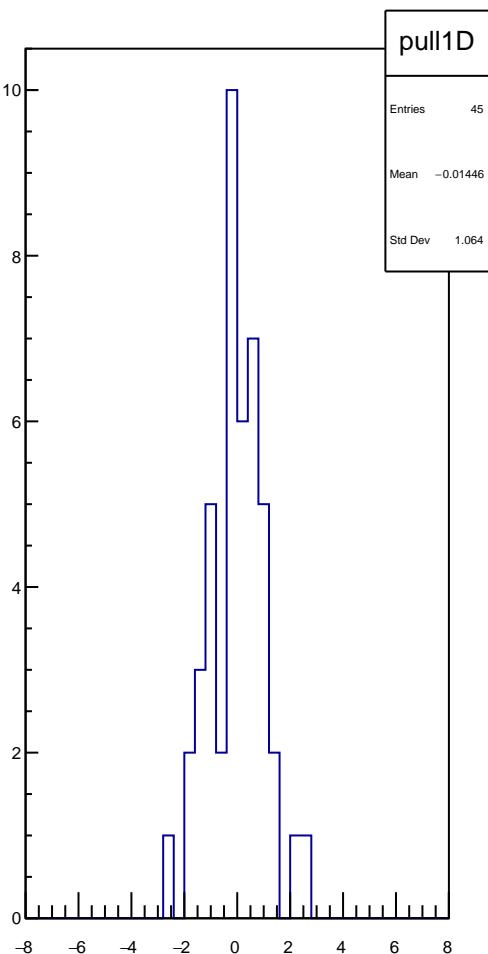
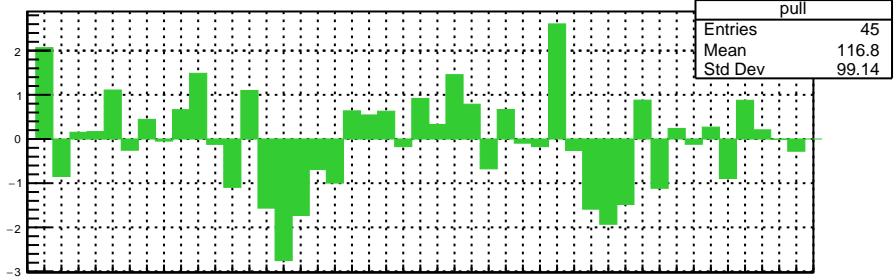
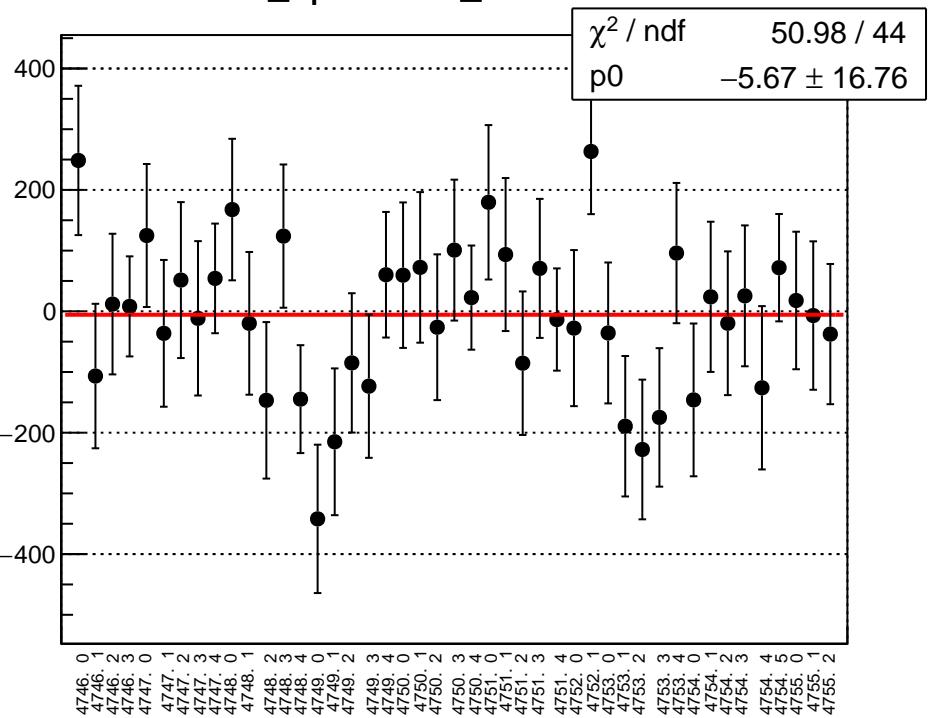
diff_bpm0l08Y_mean vs run



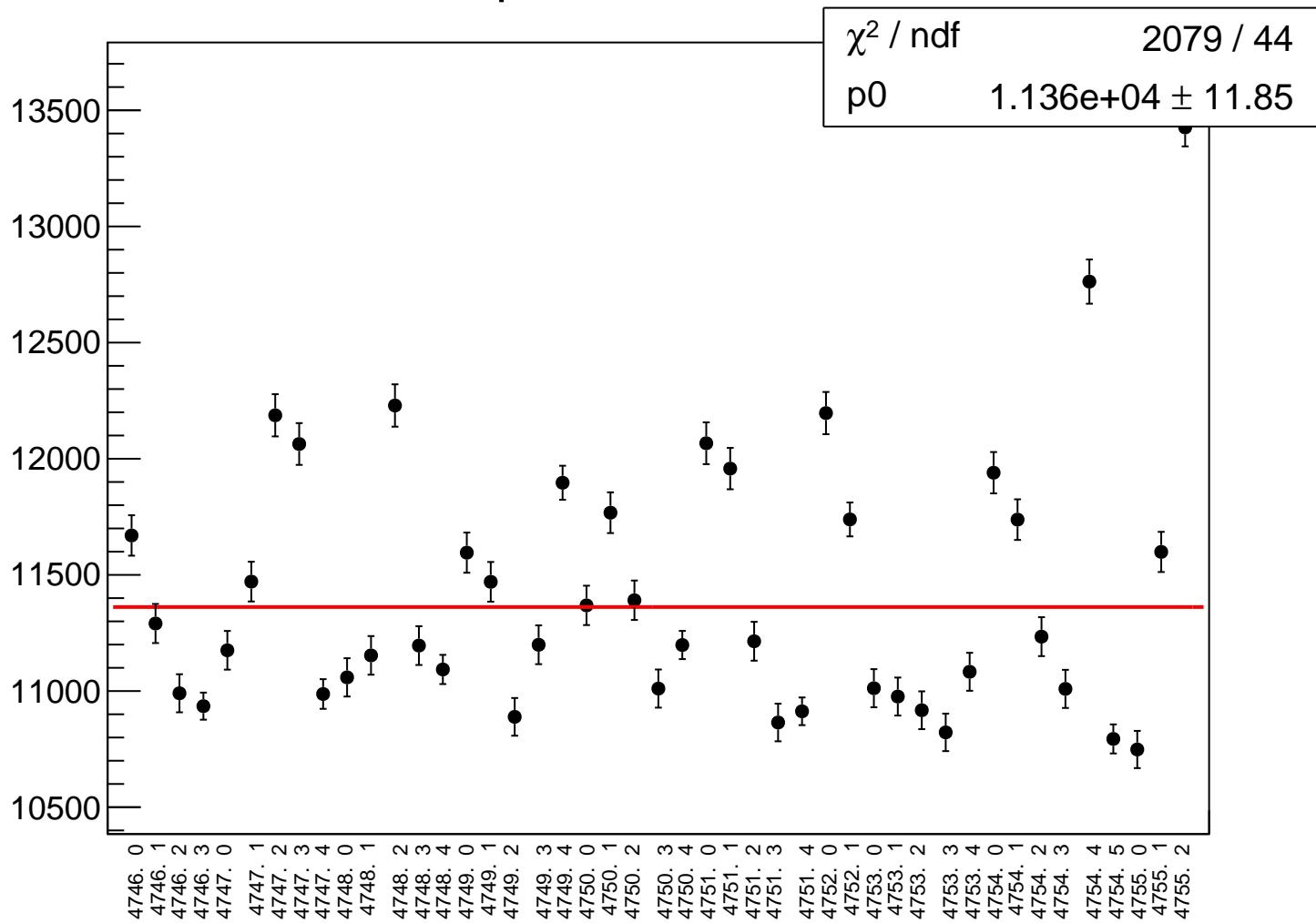
diff_bpm0I08Y_rms vs run



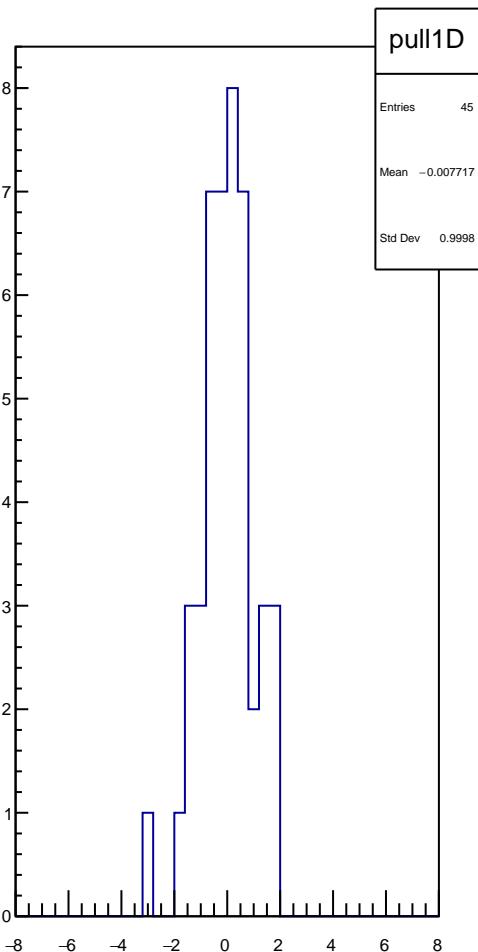
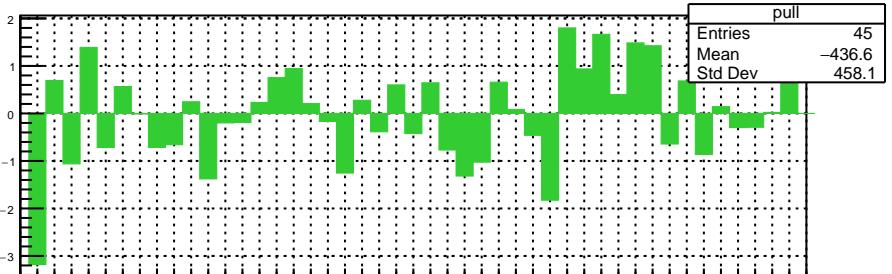
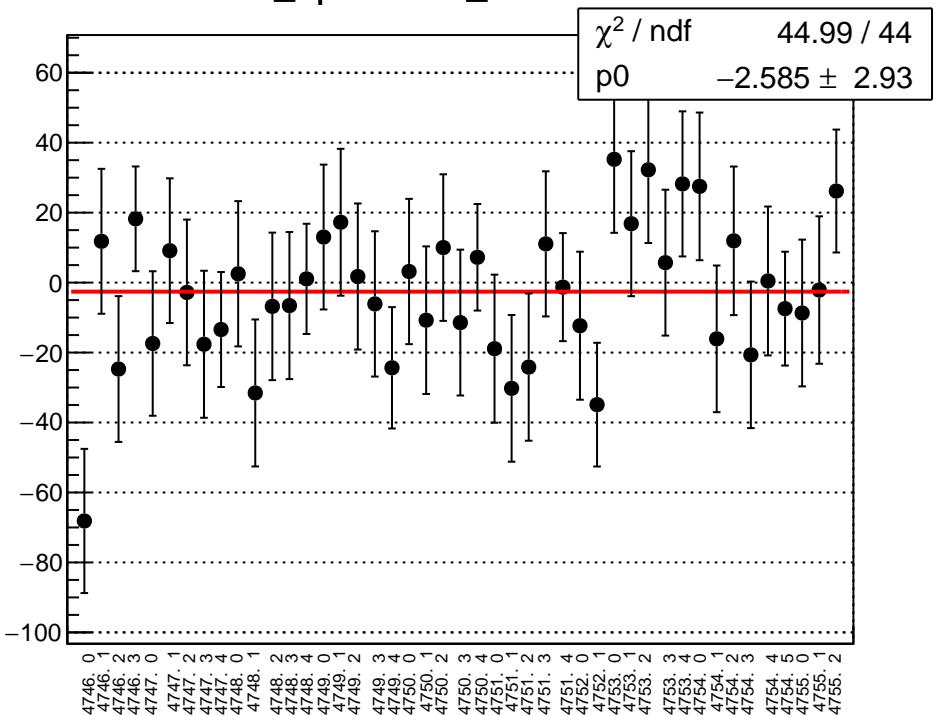
diff_bpm0l09X_mean vs run



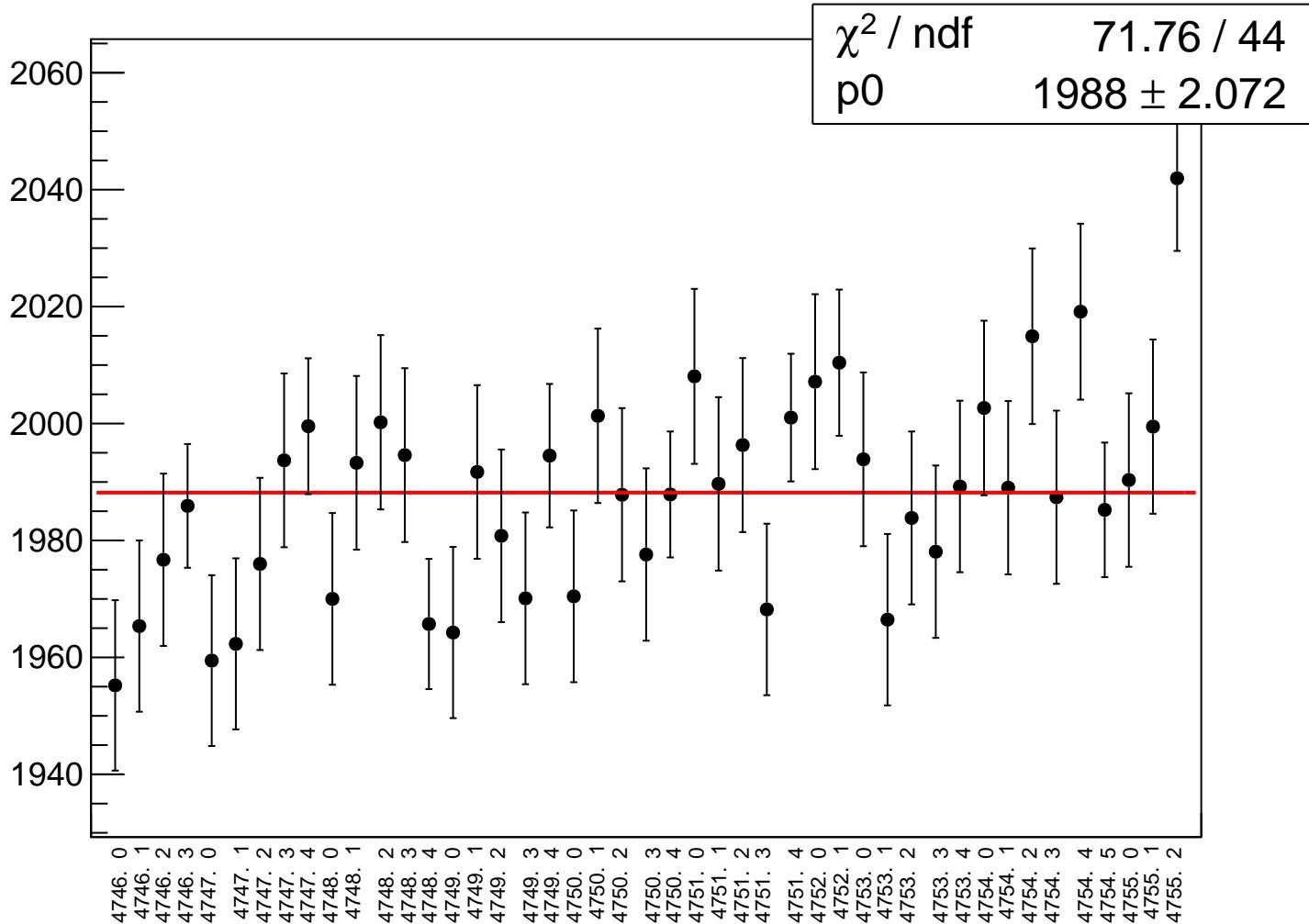
diff_bpm0I09X_rms vs run



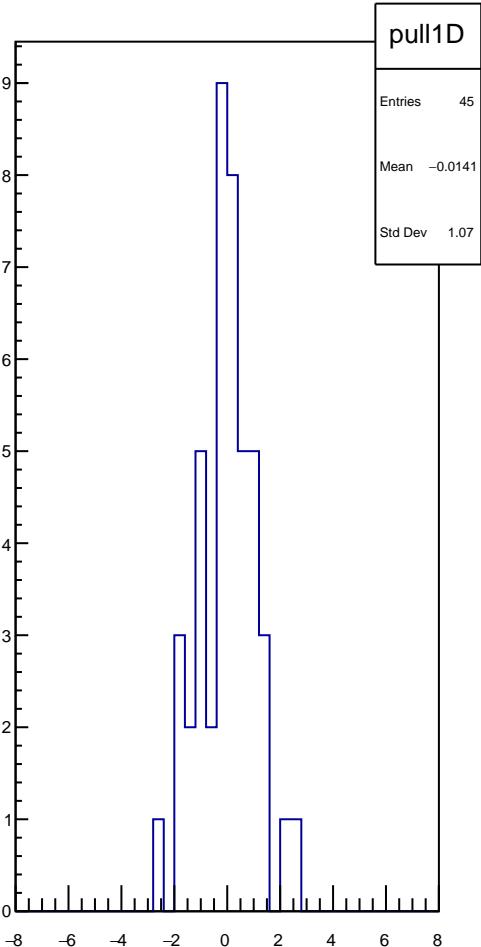
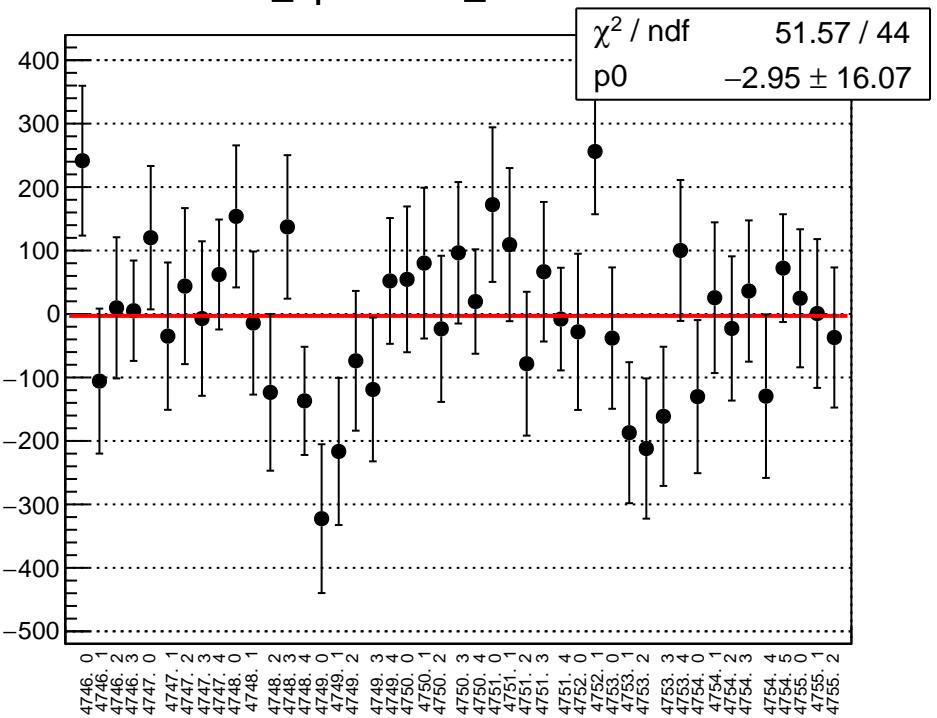
diff_bpm0l09Y_mean vs run



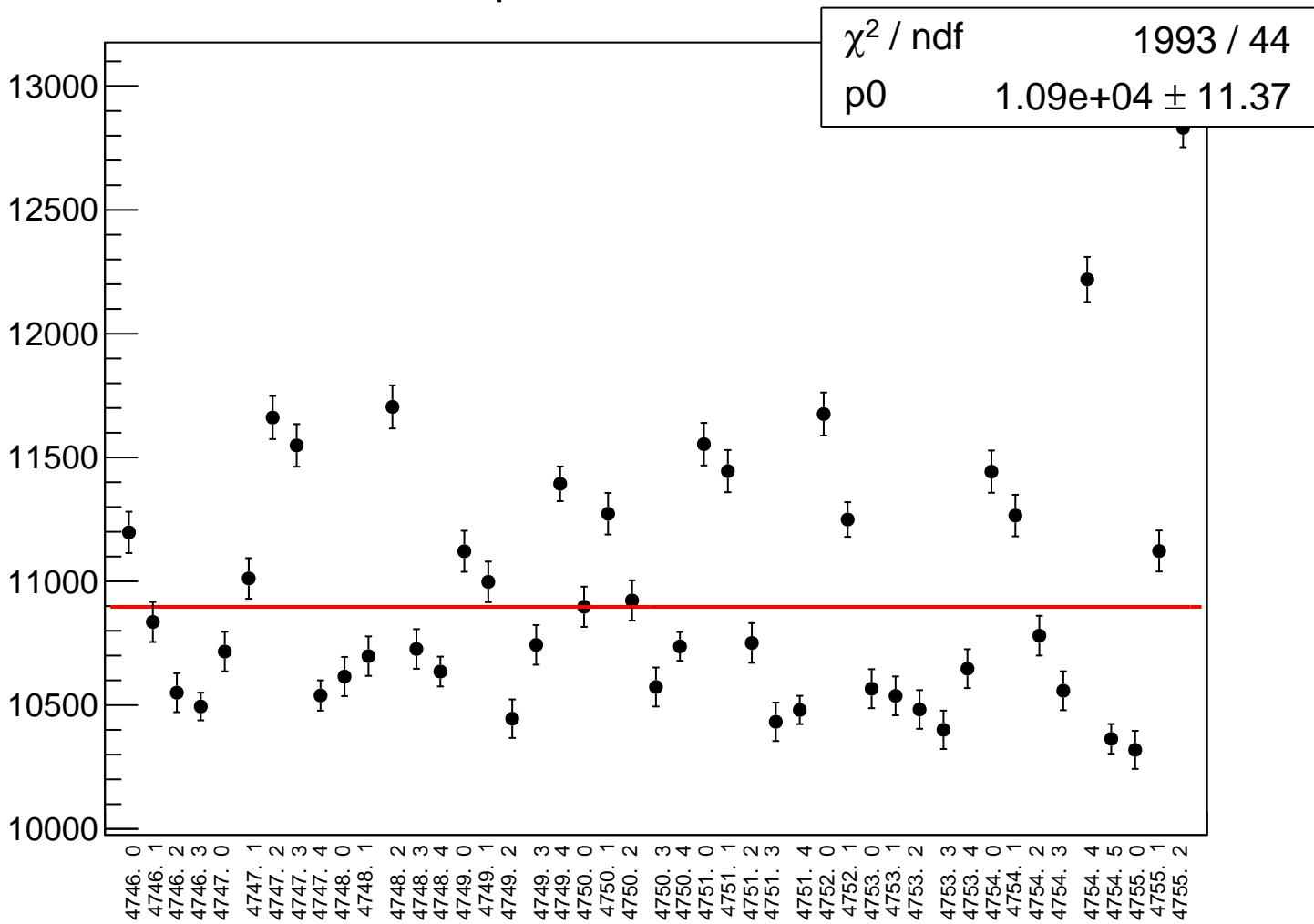
diff_bpm0I09Y_rms vs run



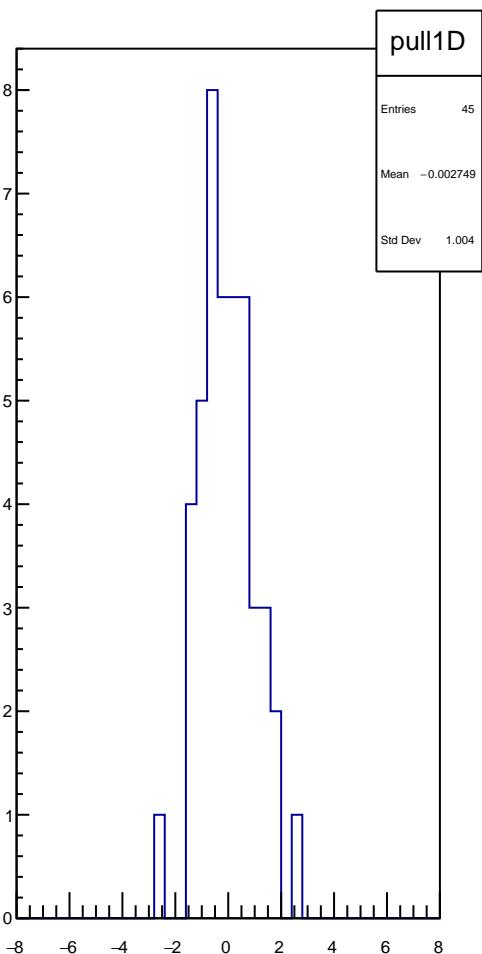
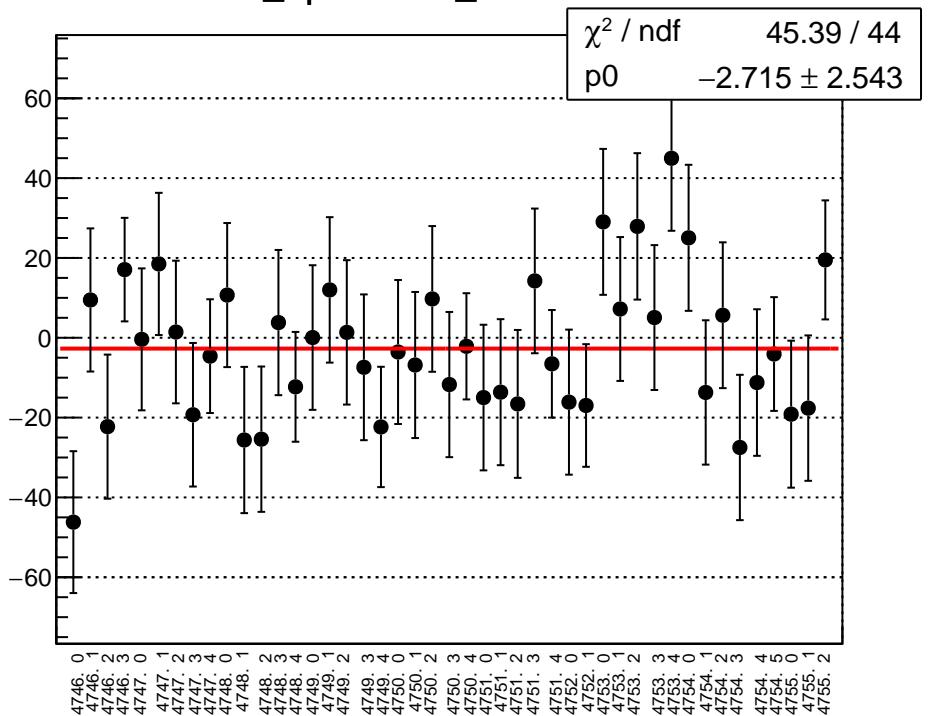
diff_bpm0l10X_mean vs run



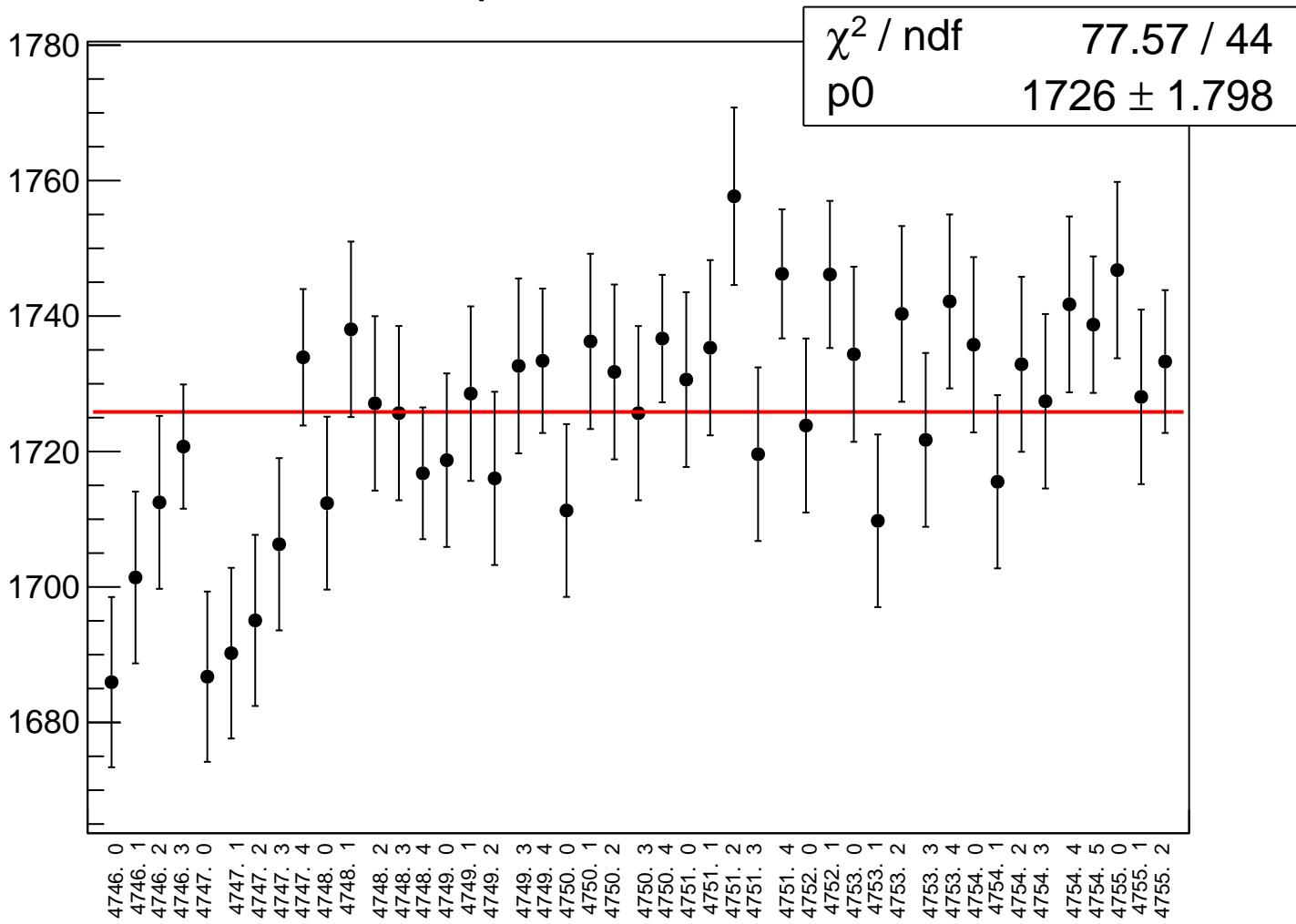
diff_bpm0I10X_rms vs run



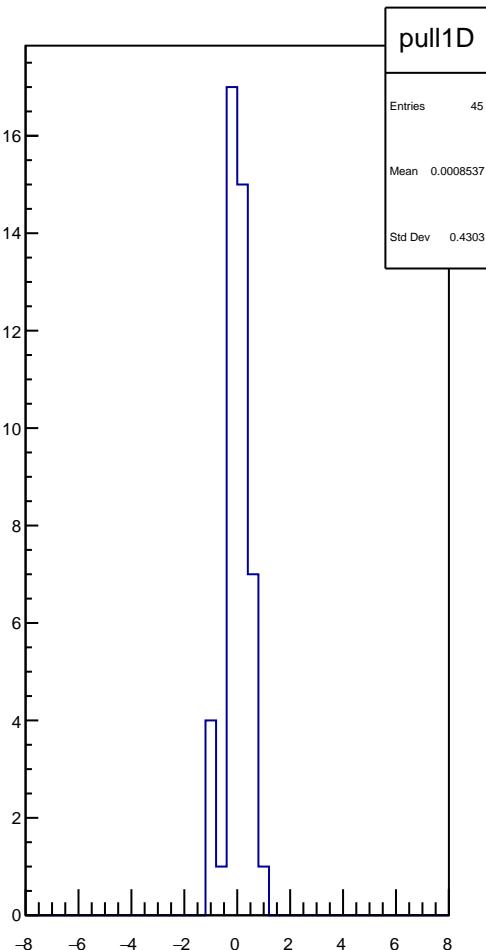
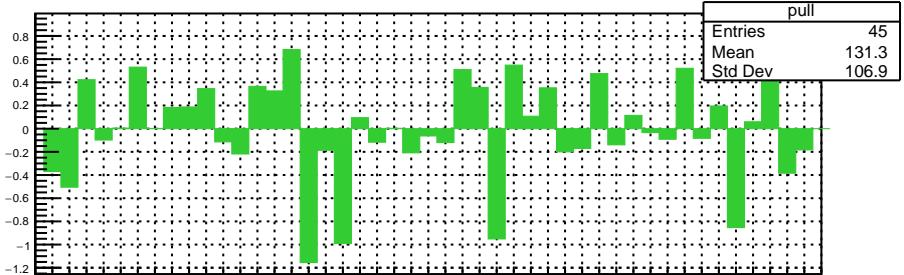
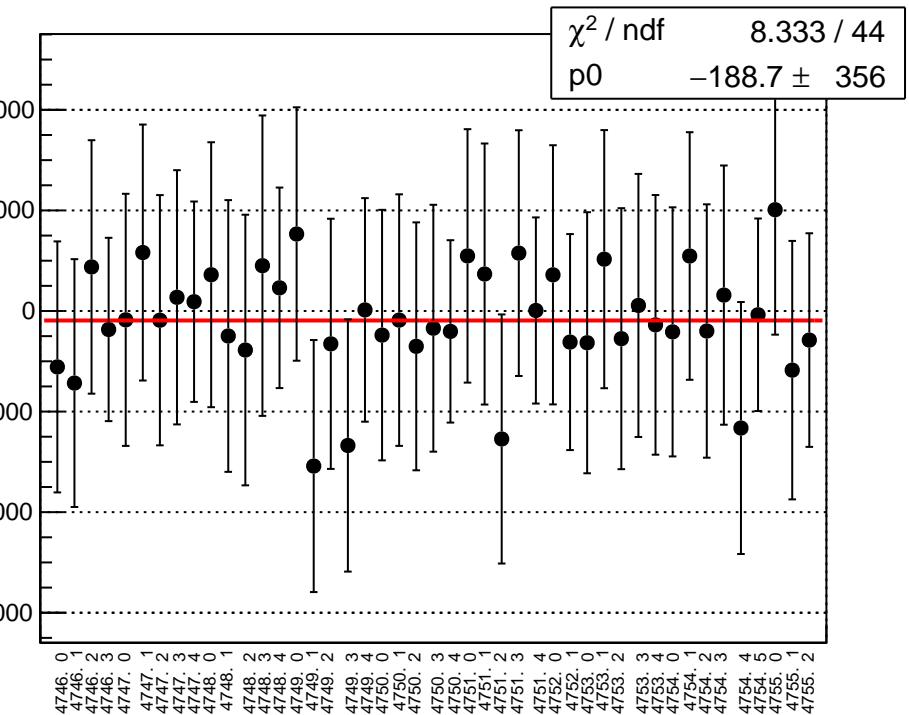
diff_bpm0I10Y_mean vs run



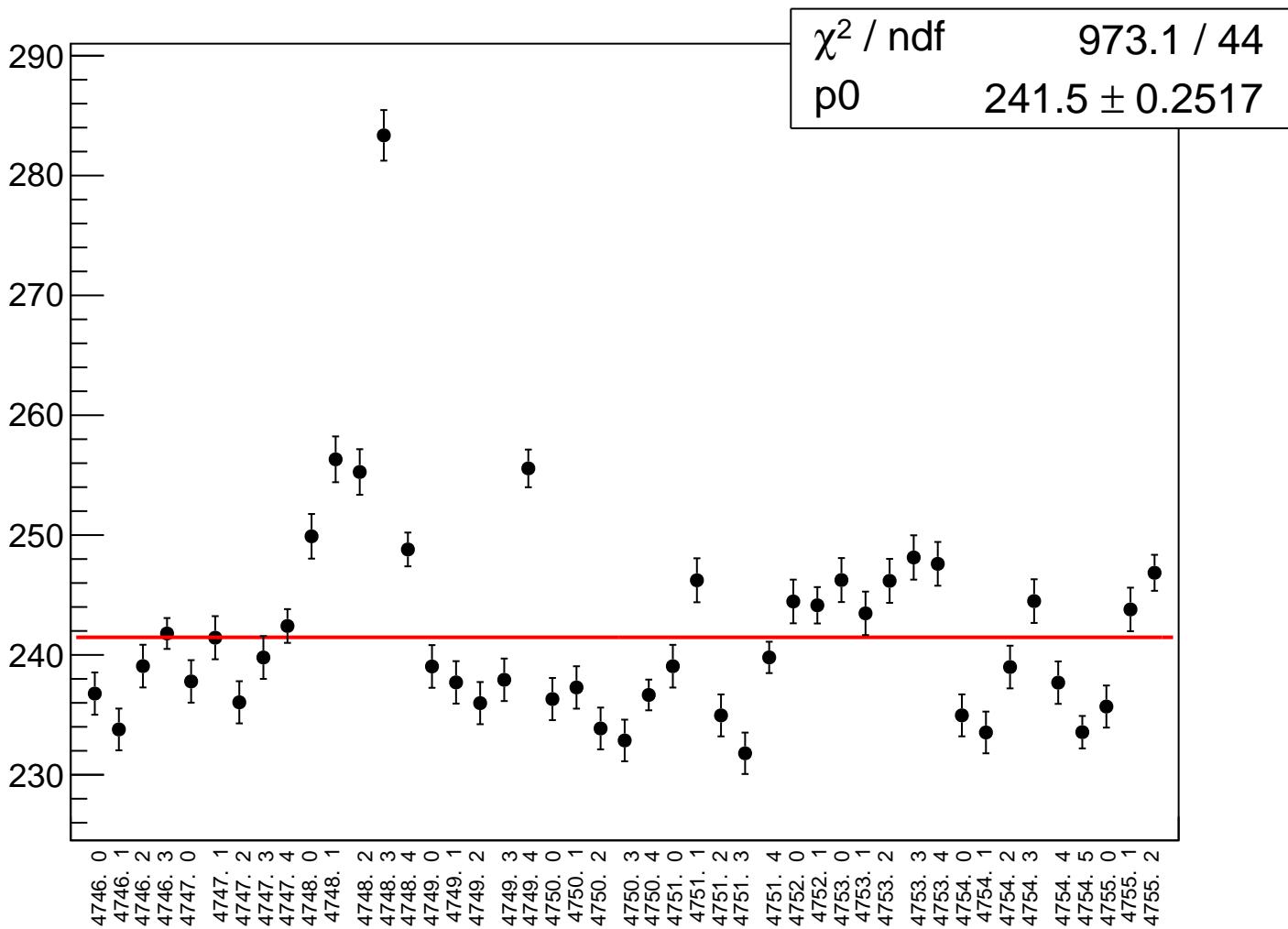
diff_bpm0I10Y_rms vs run



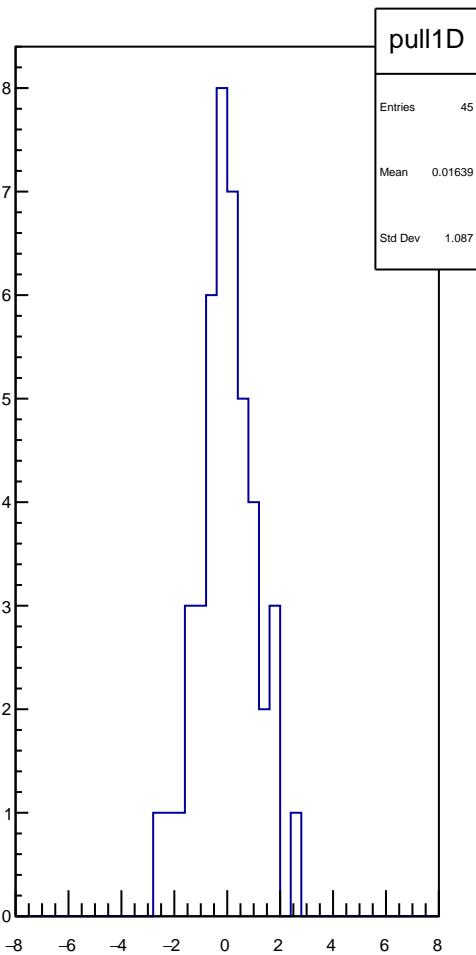
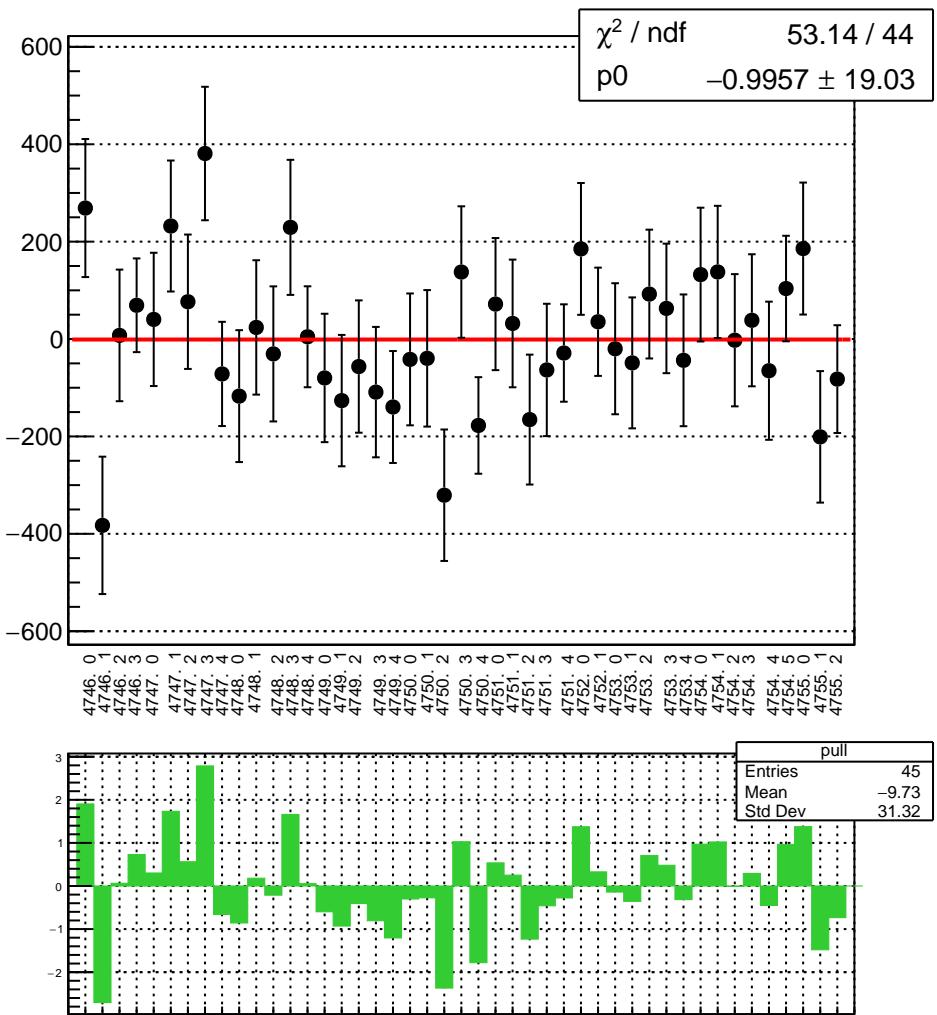
asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs run



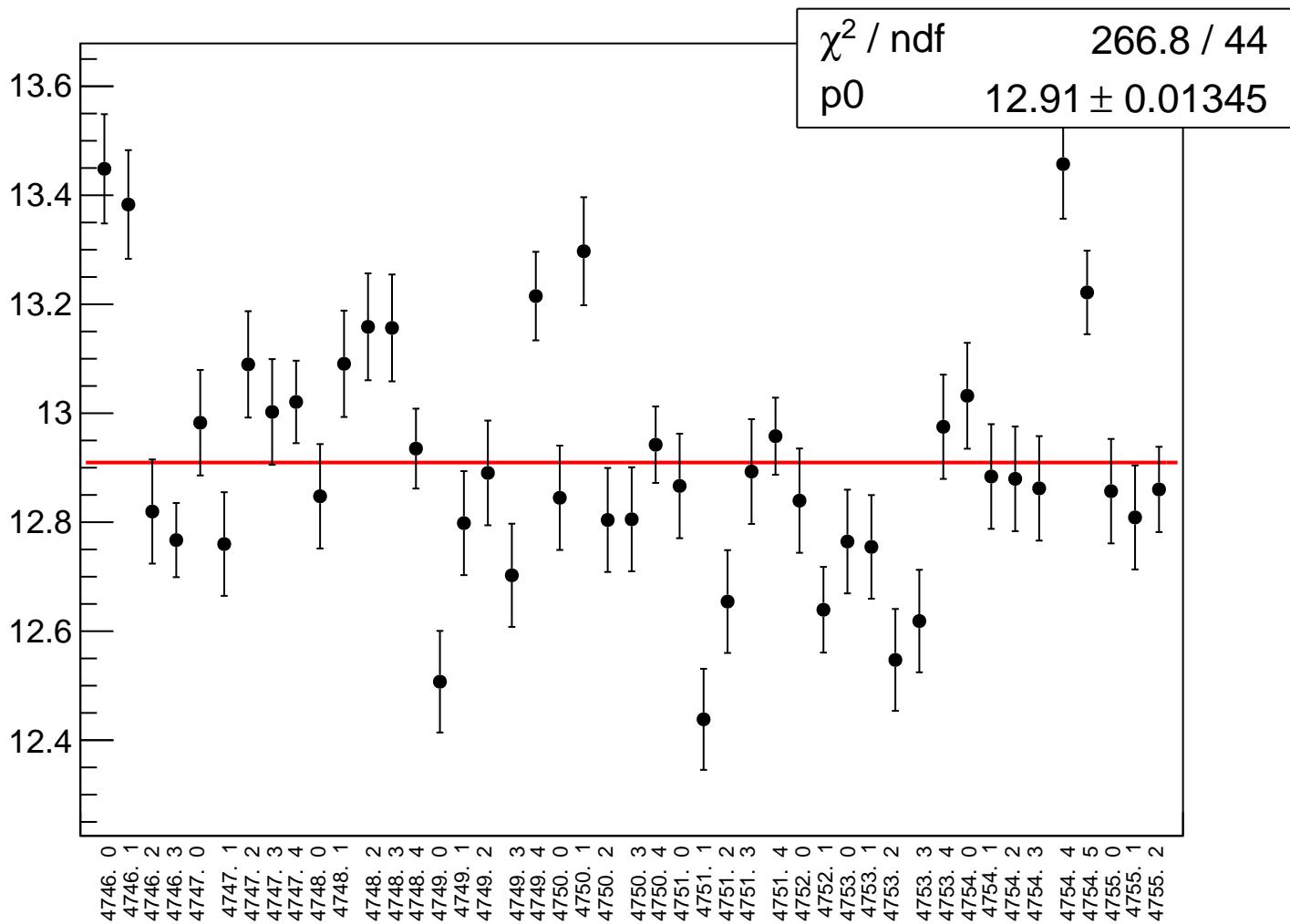
asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs run



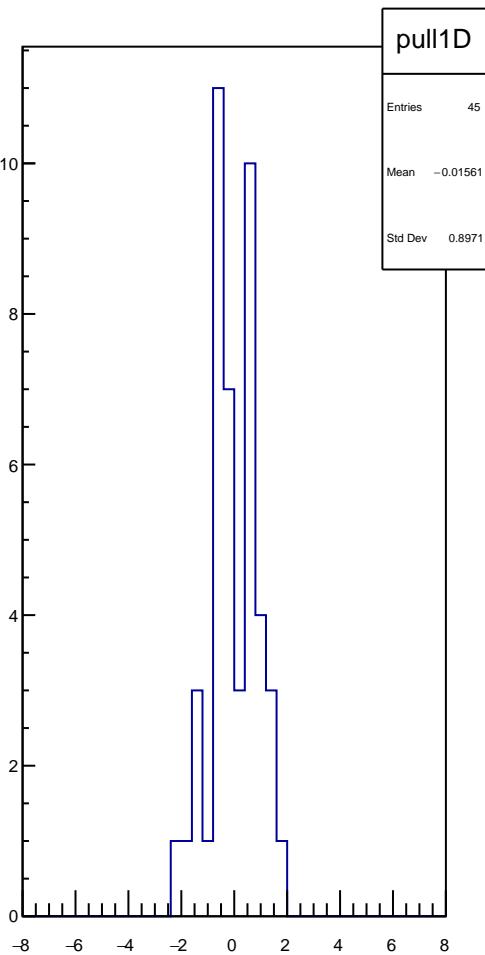
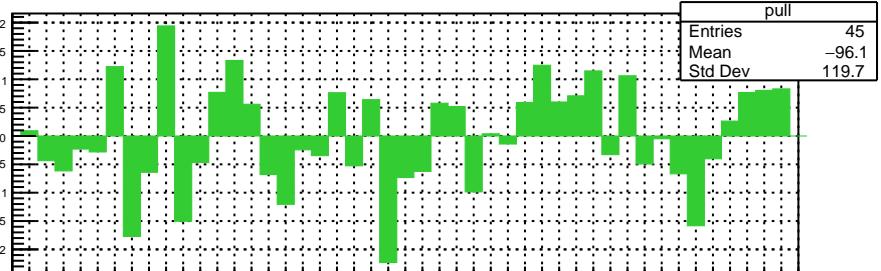
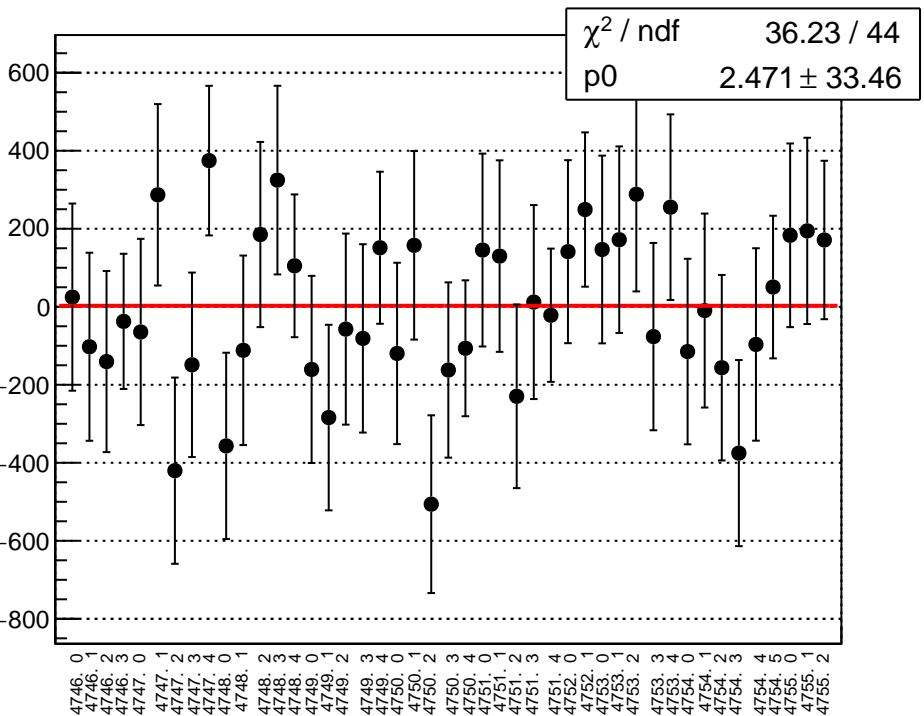
asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs run



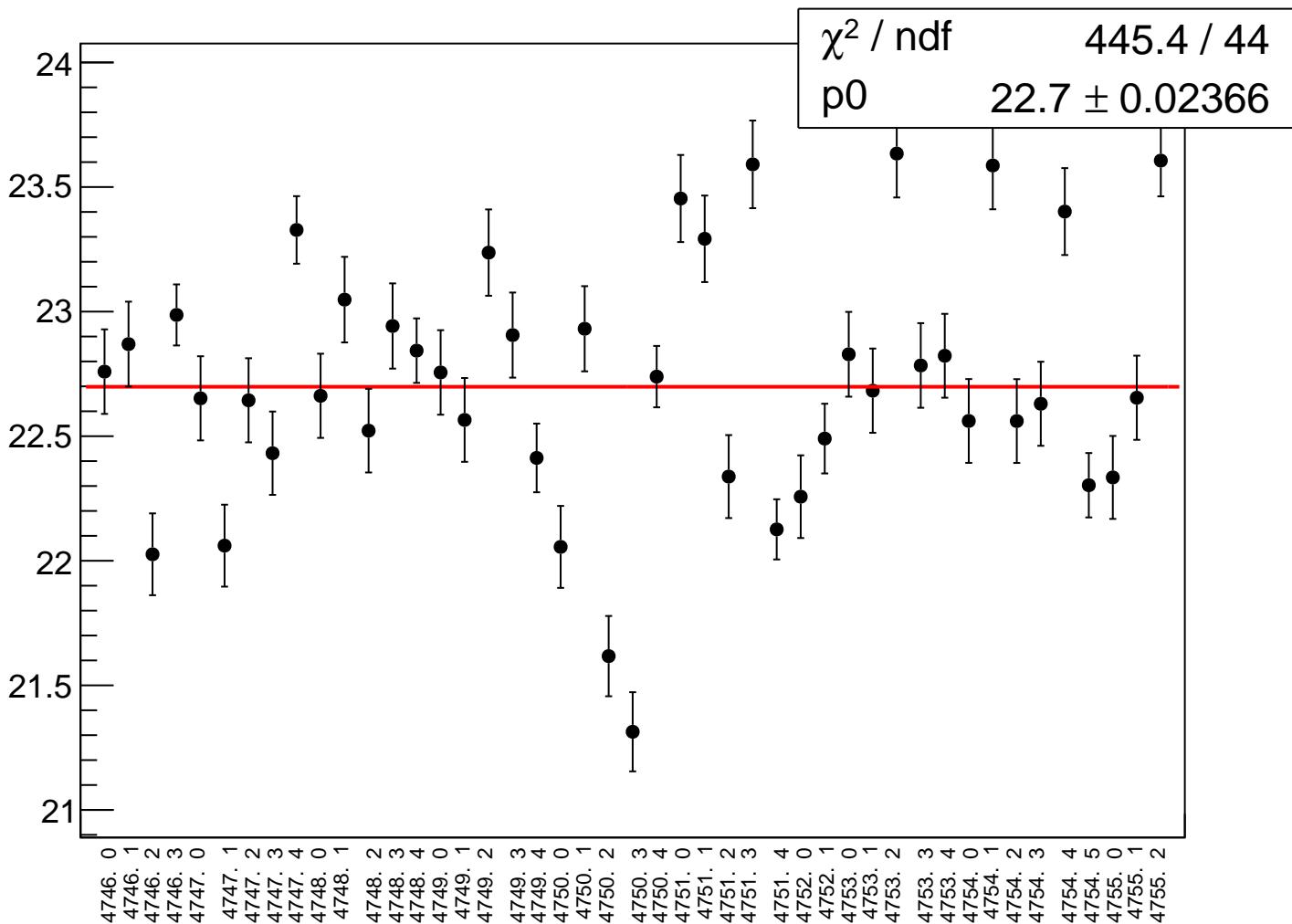
asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs run



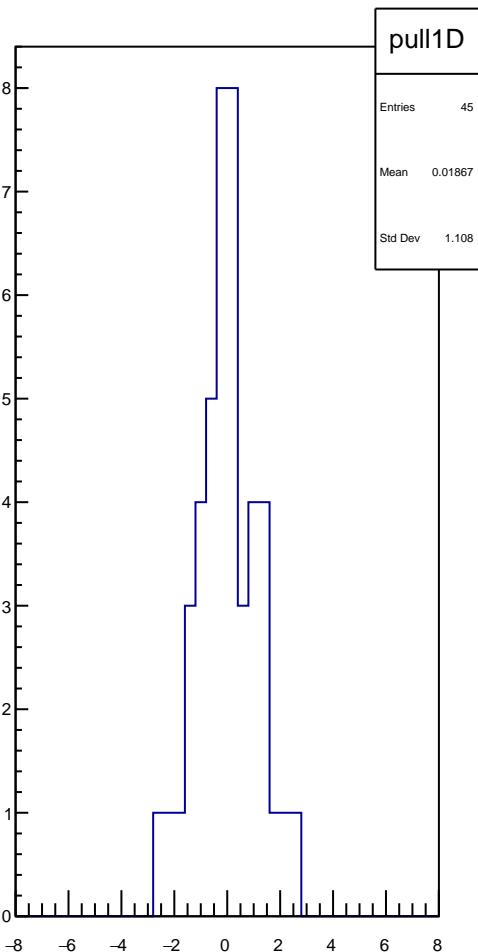
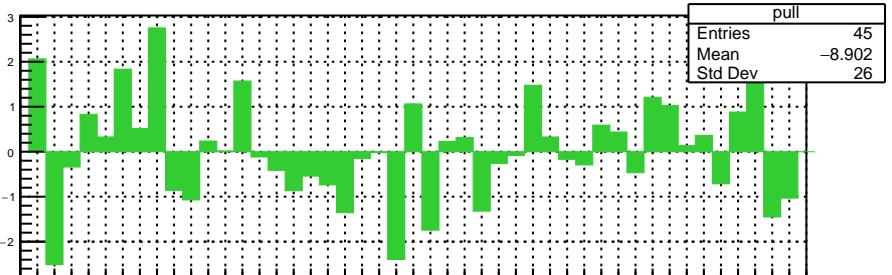
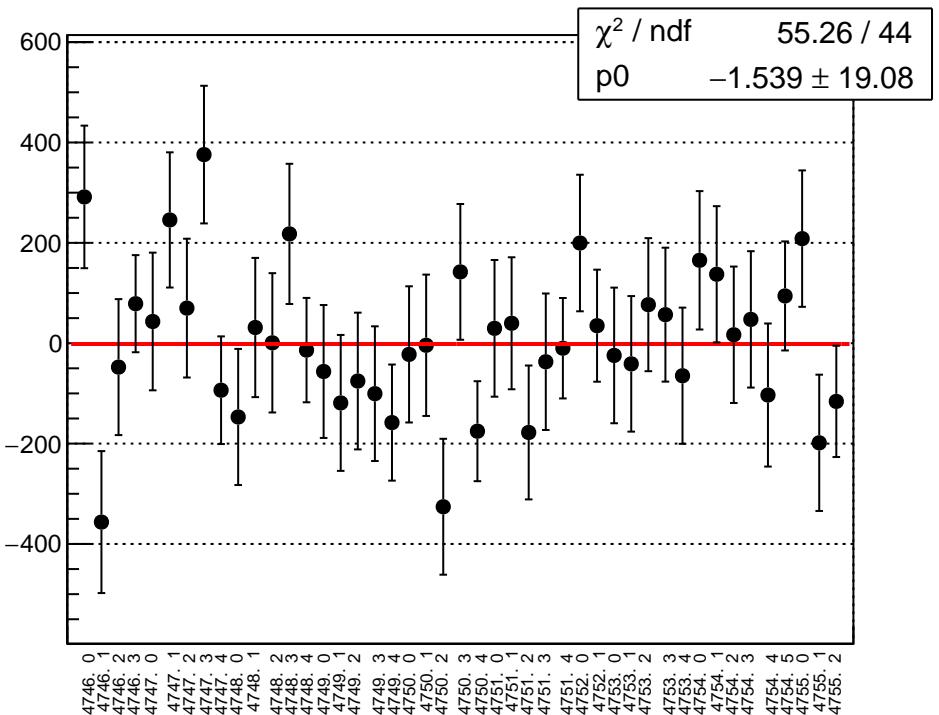
asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs run



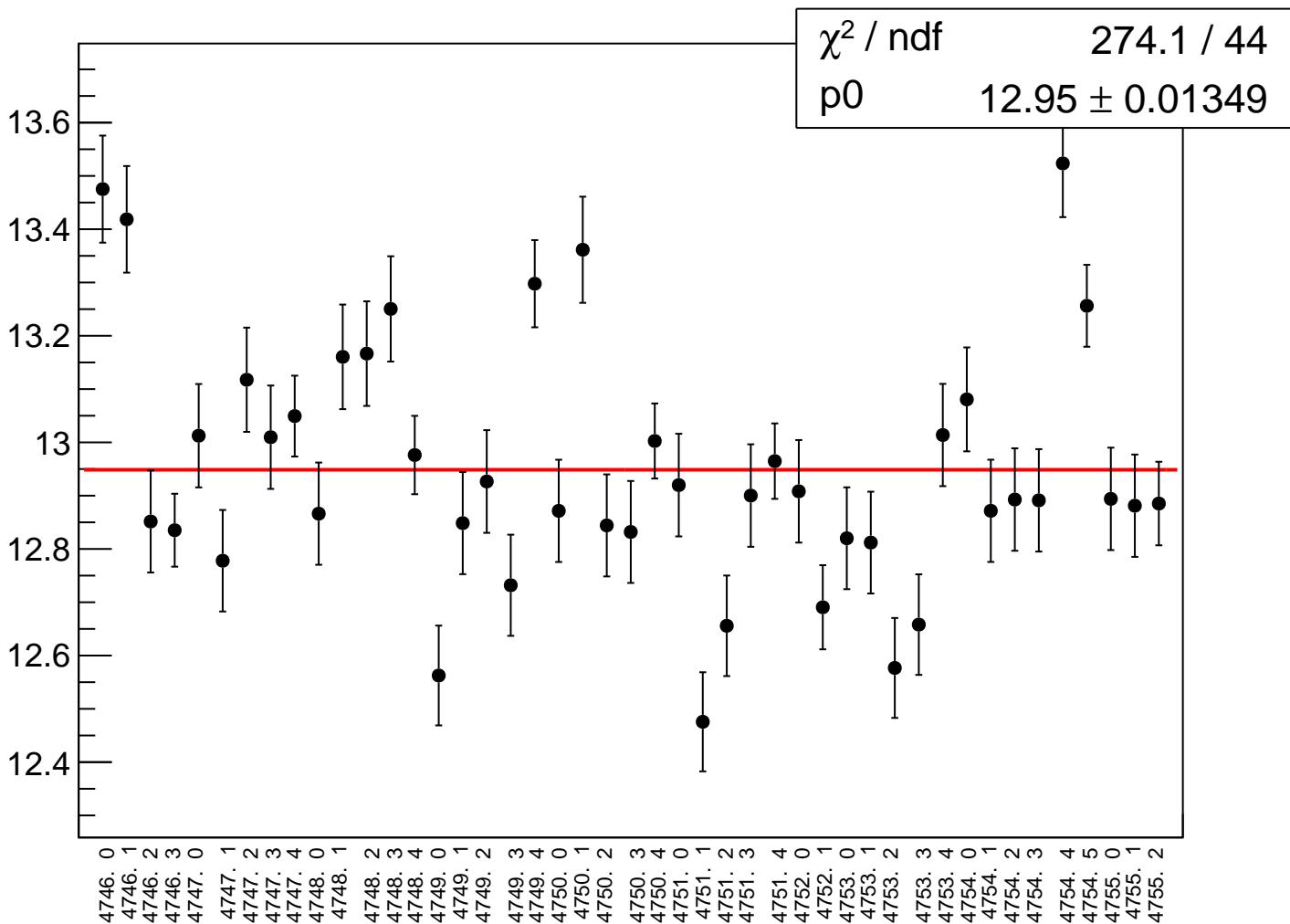
asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs run



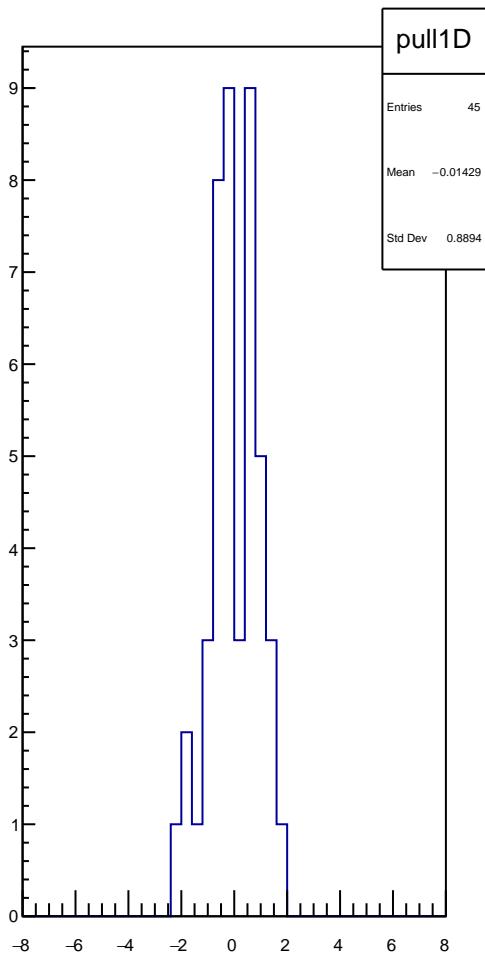
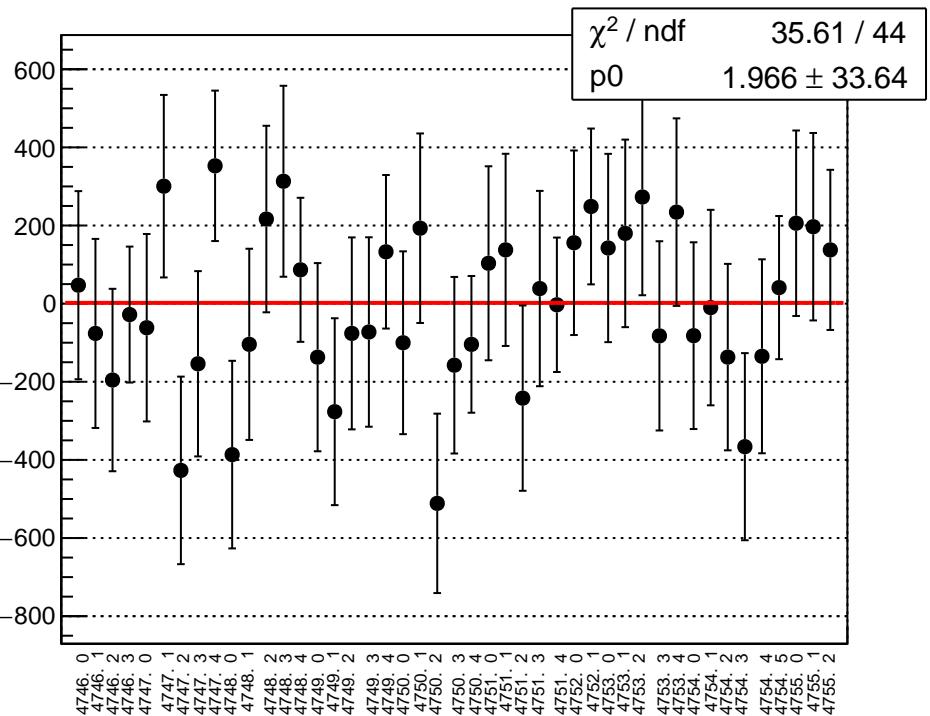
asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs run



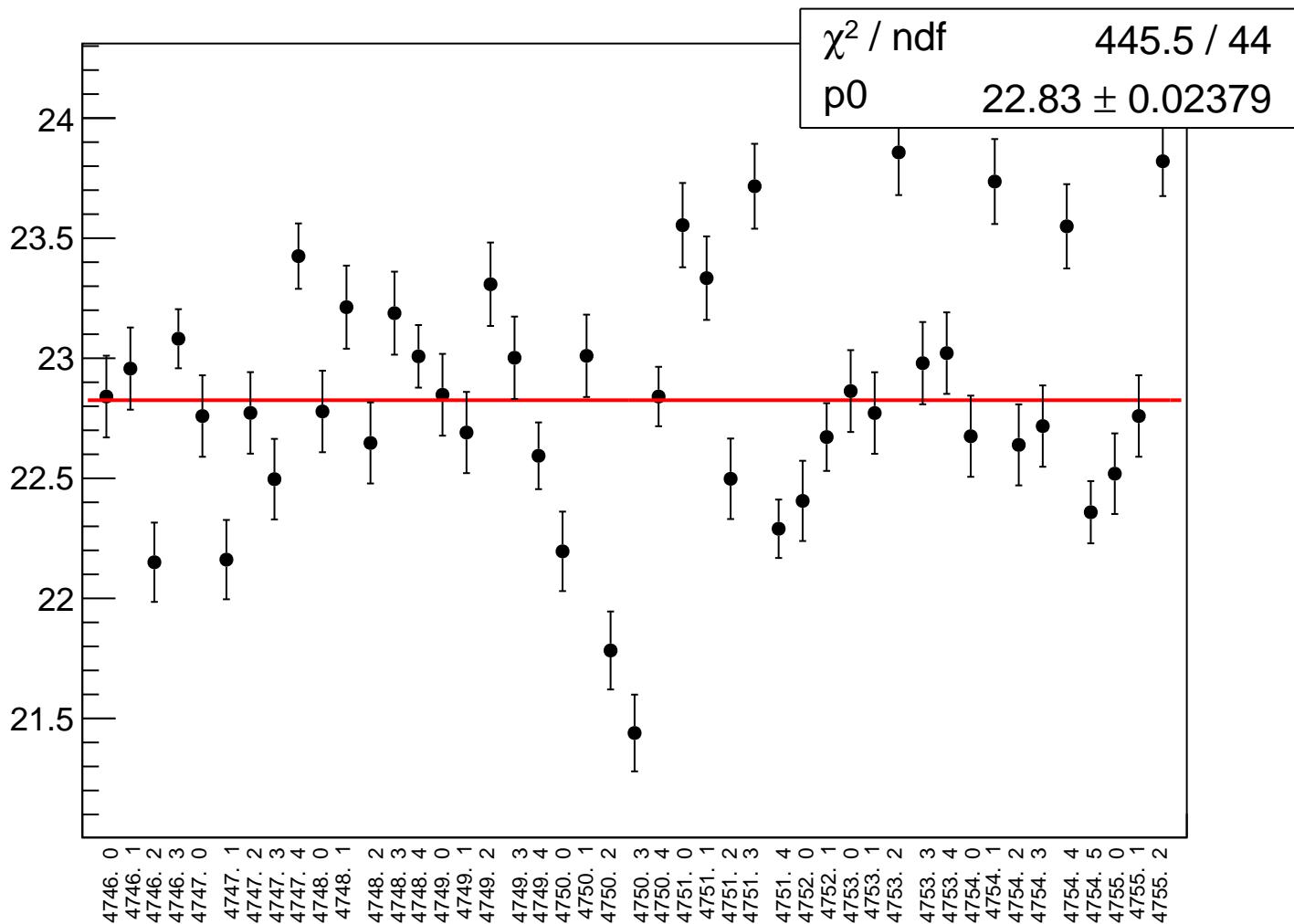
asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs run



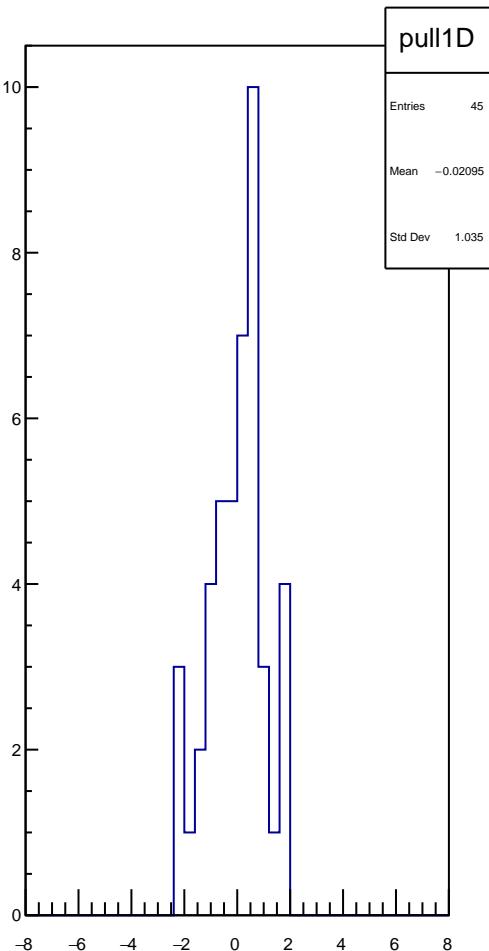
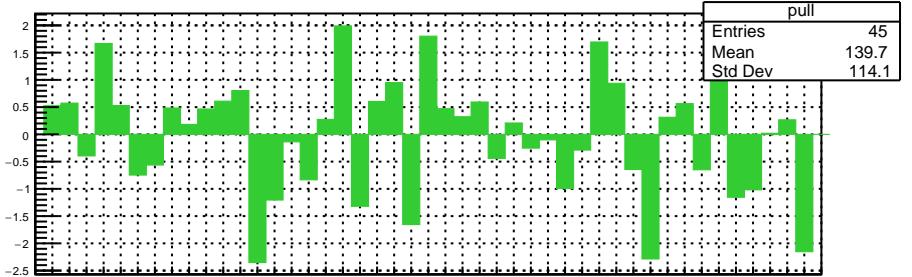
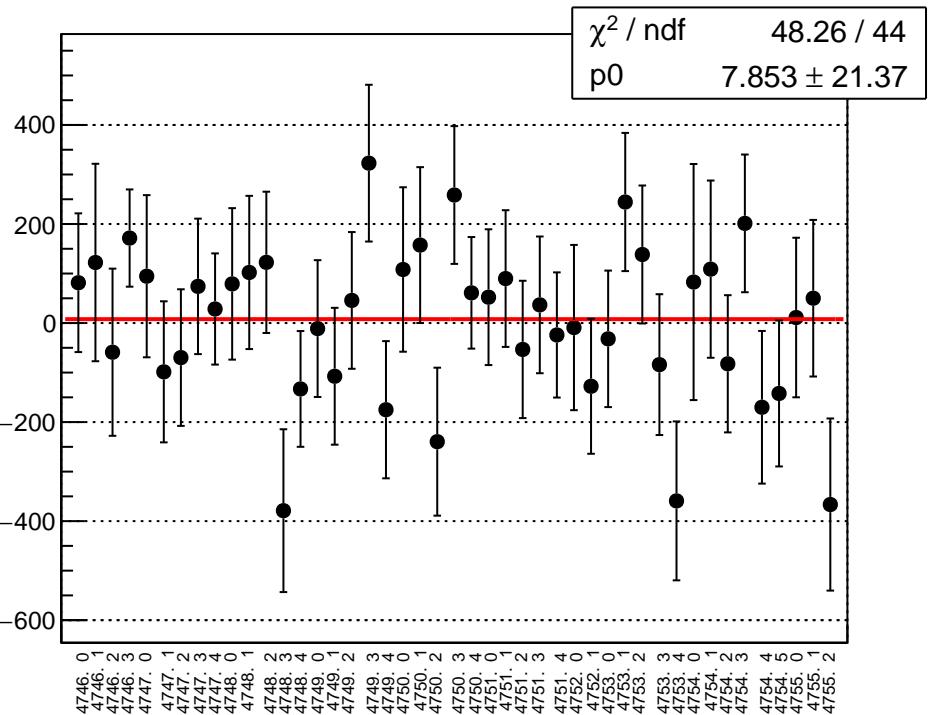
asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs run



asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs run

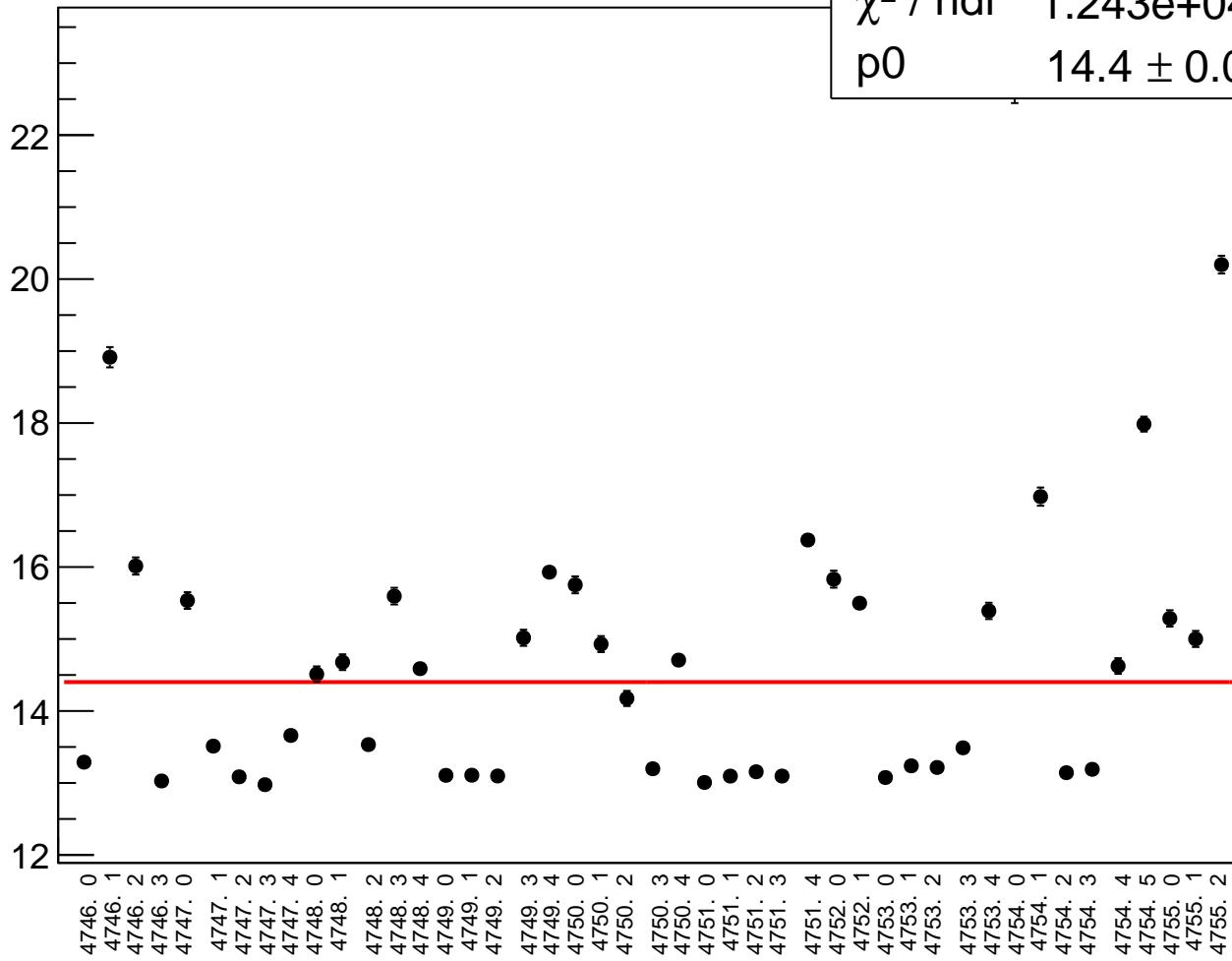


asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs run

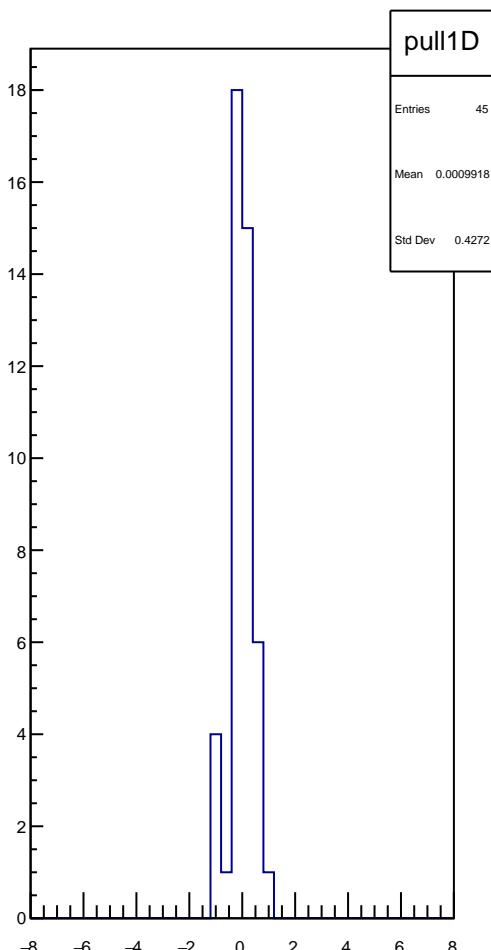
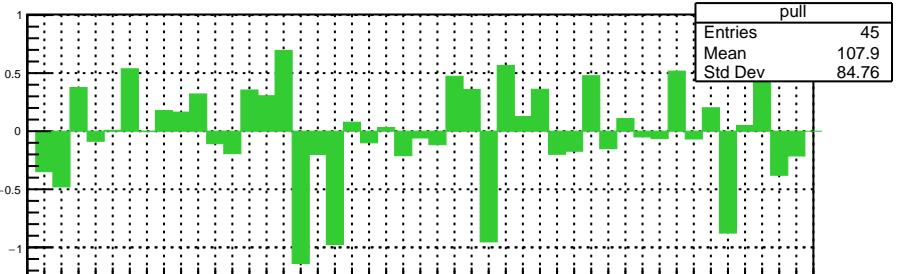
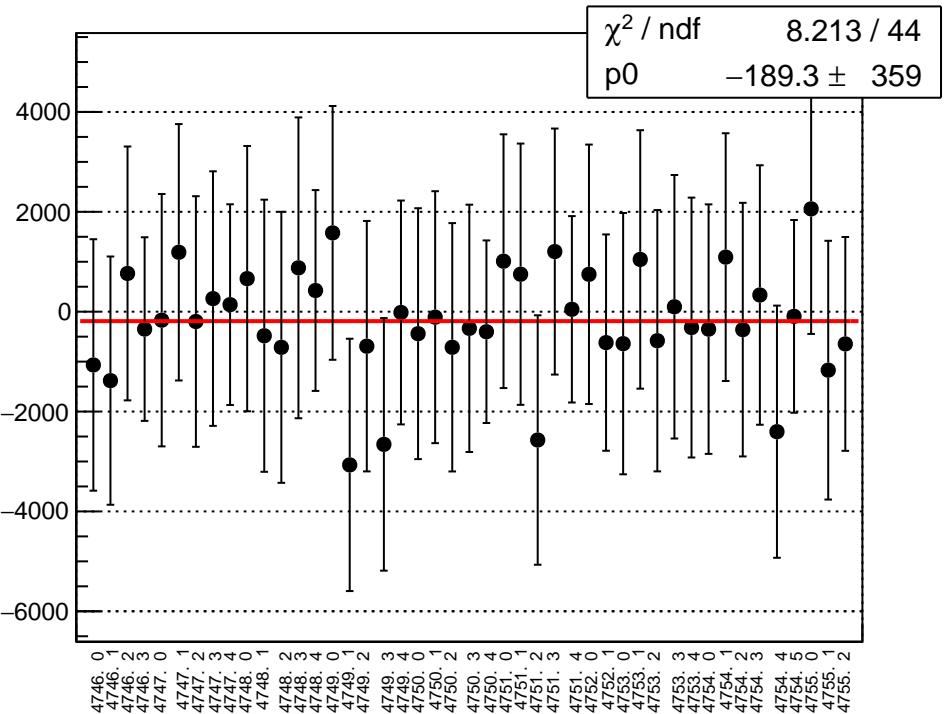


asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs run

χ^2 / ndf $1.243\text{e+}04 / 44$
p0 14.4 ± 0.01511



asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs run



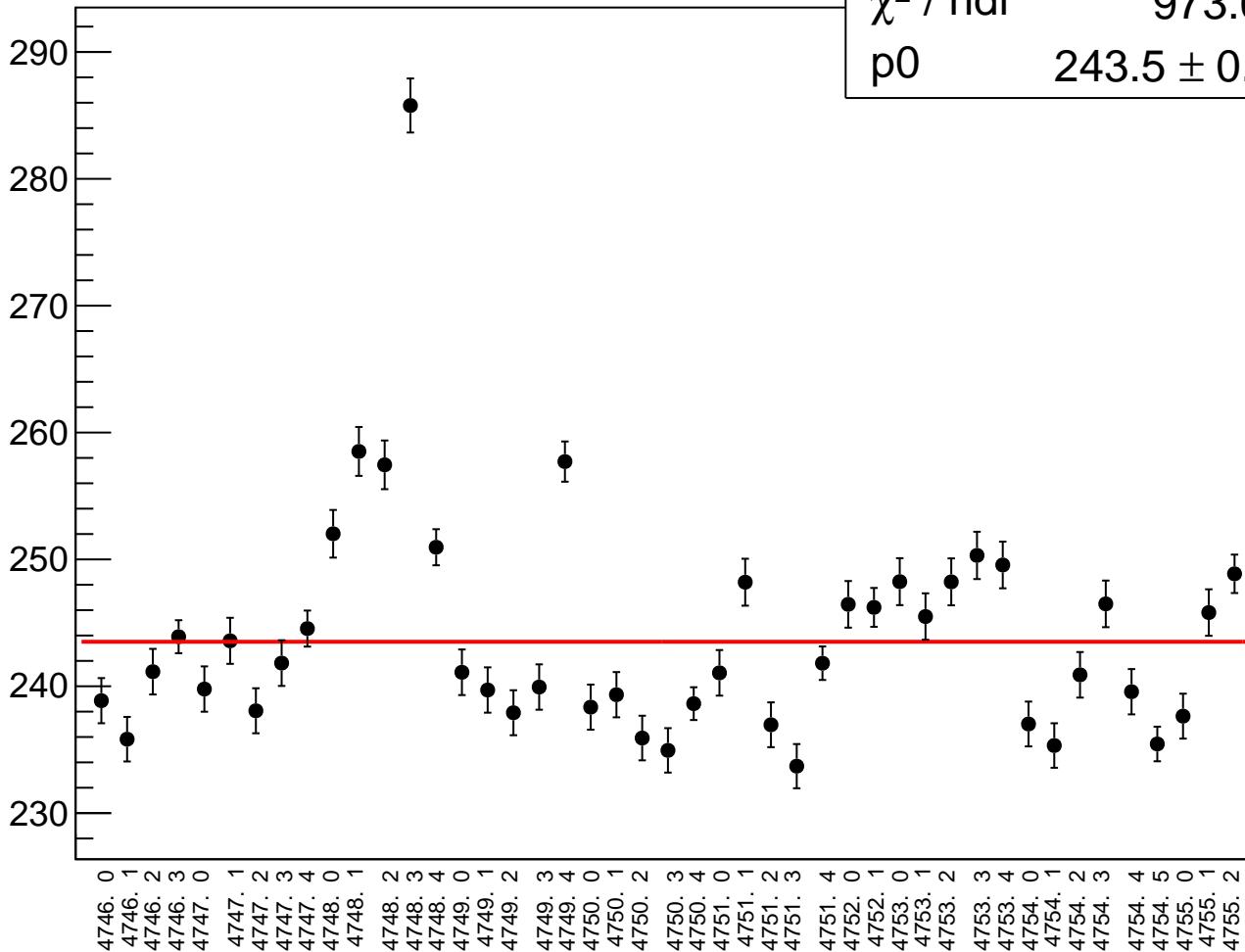
asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs run

χ^2 / ndf

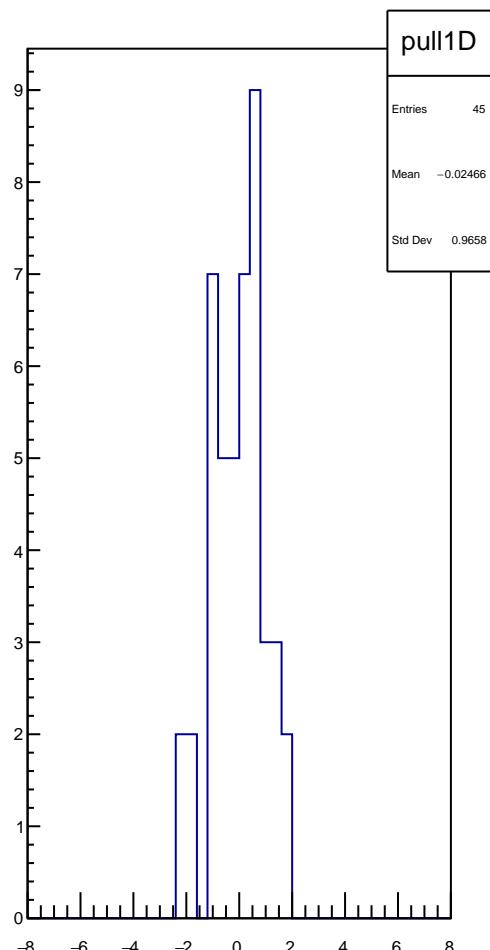
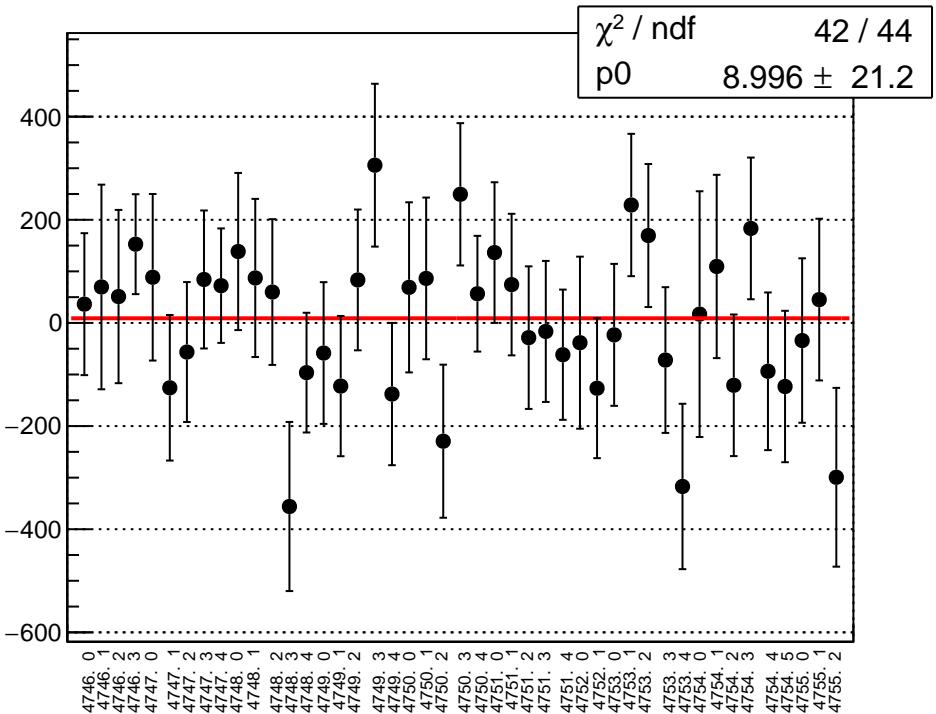
973.6 / 44

p0

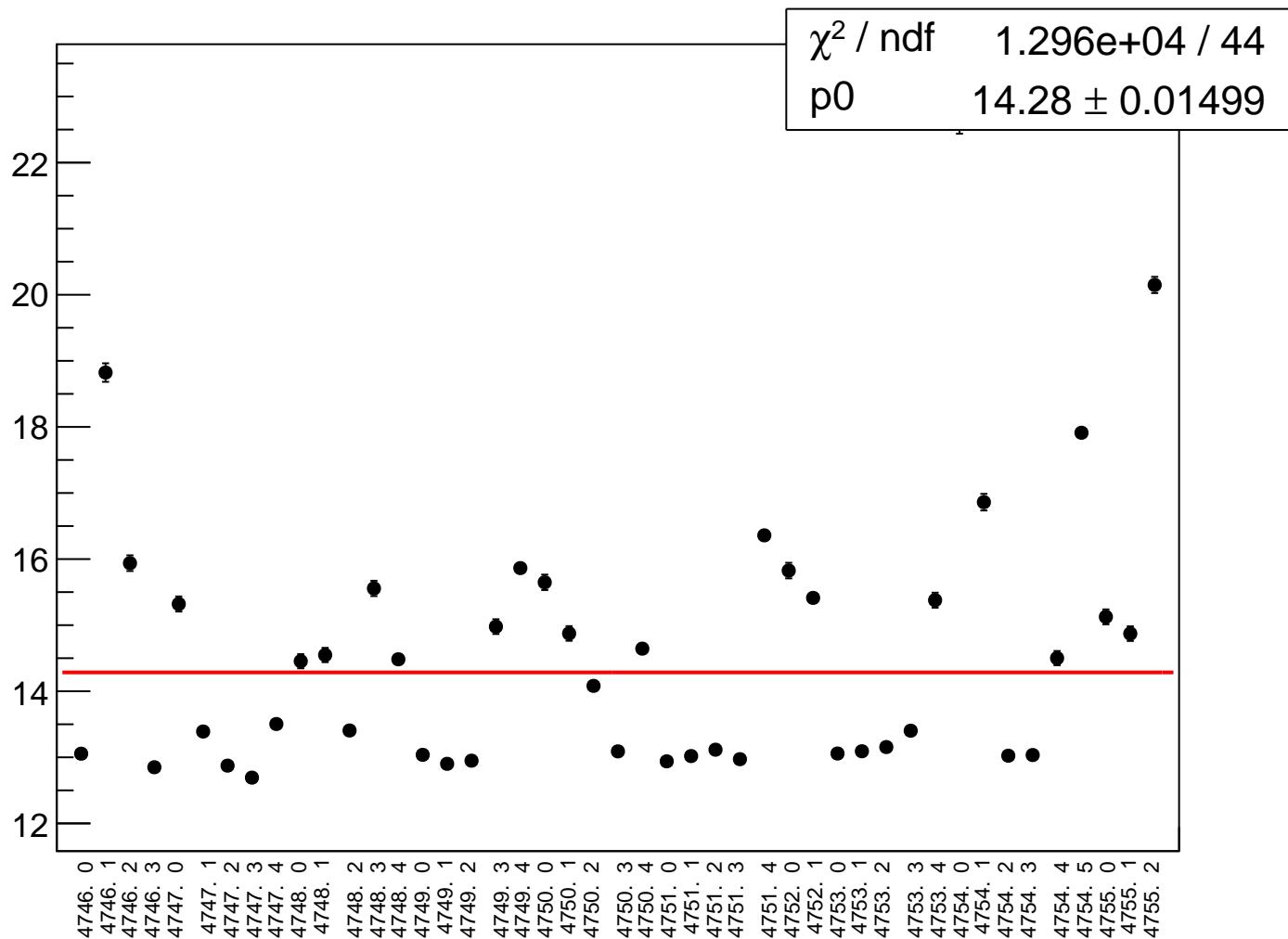
243.5 ± 0.2539



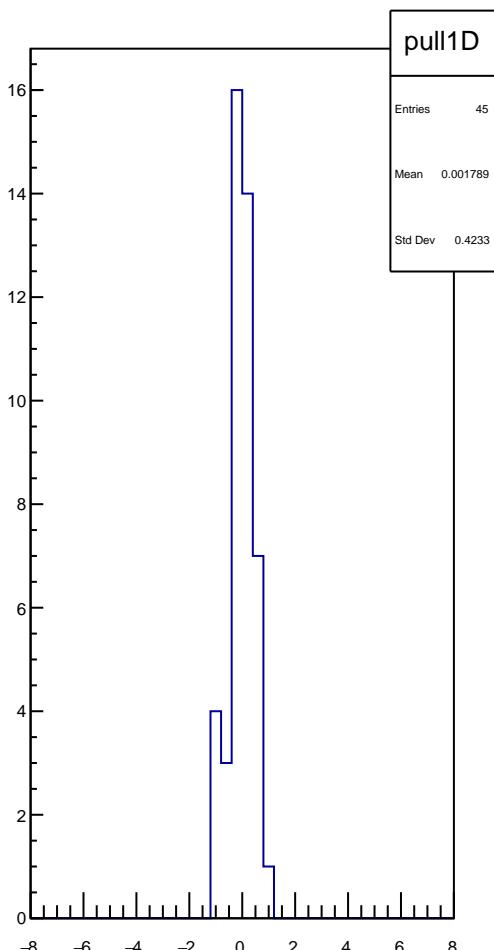
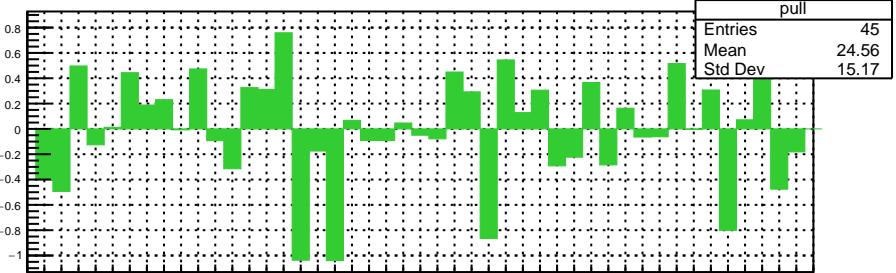
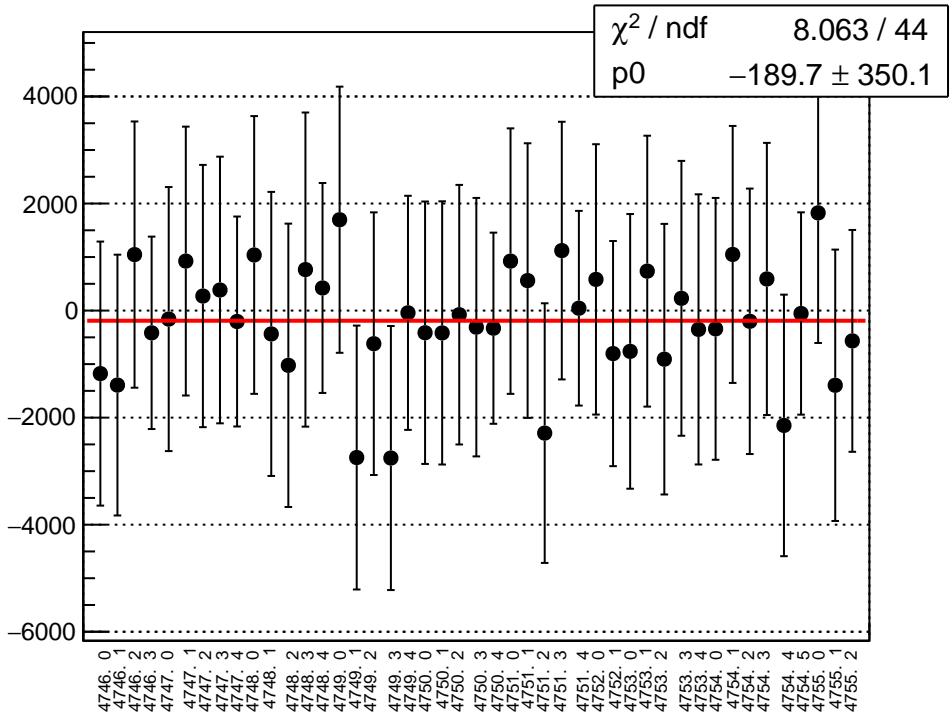
asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs run



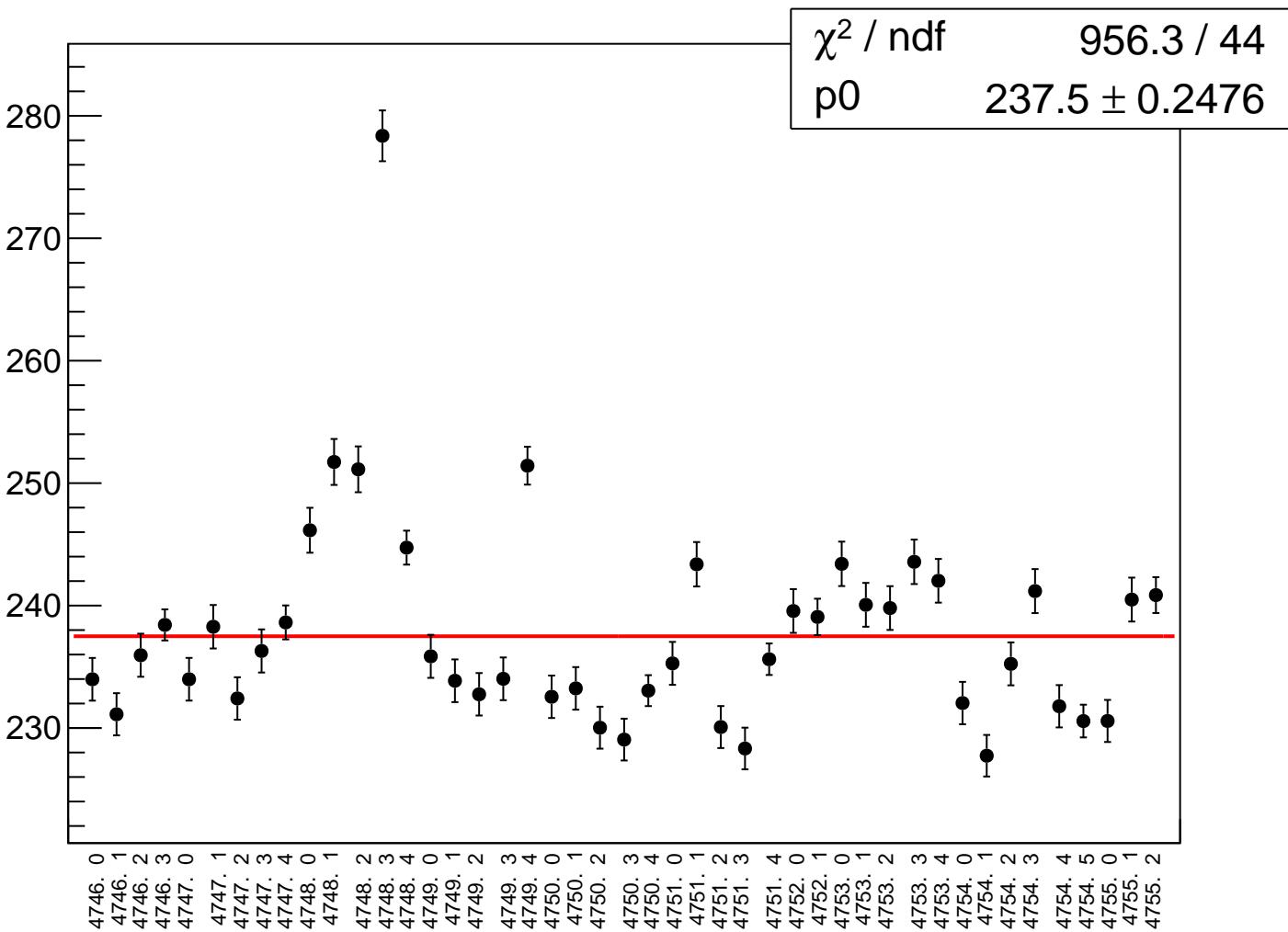
asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs run



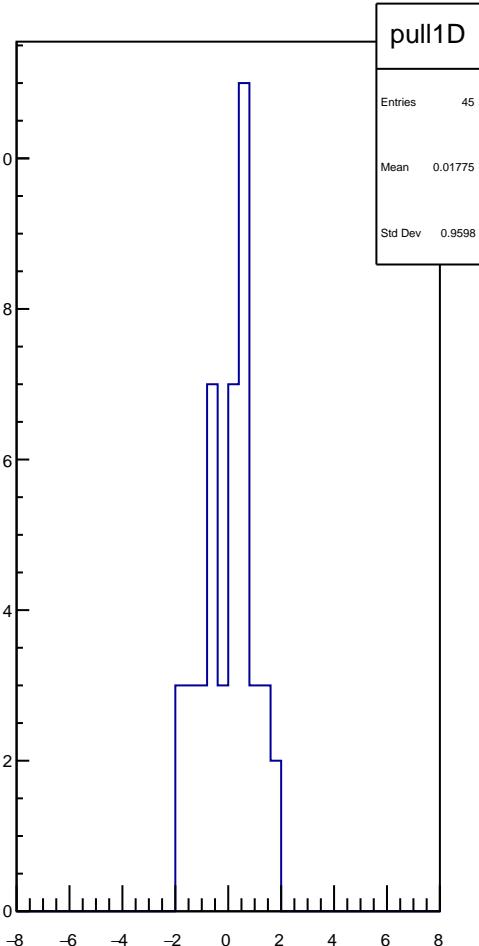
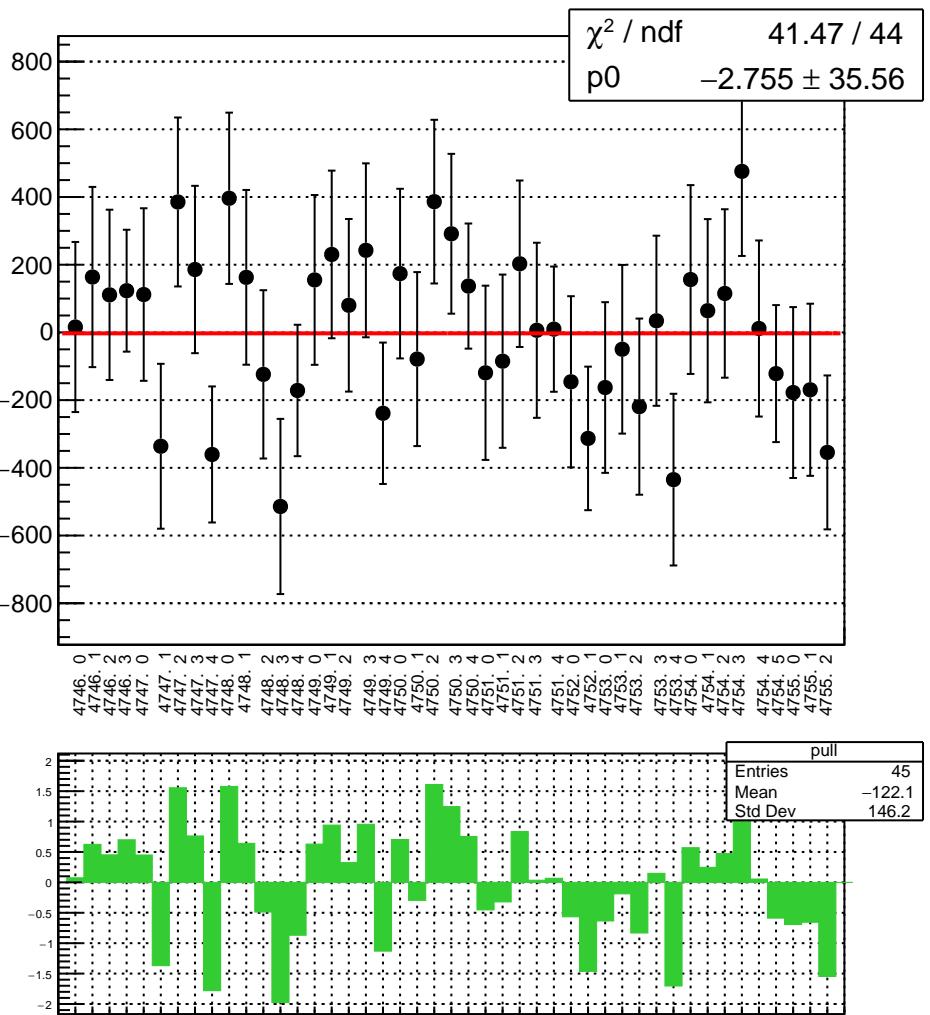
asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs run



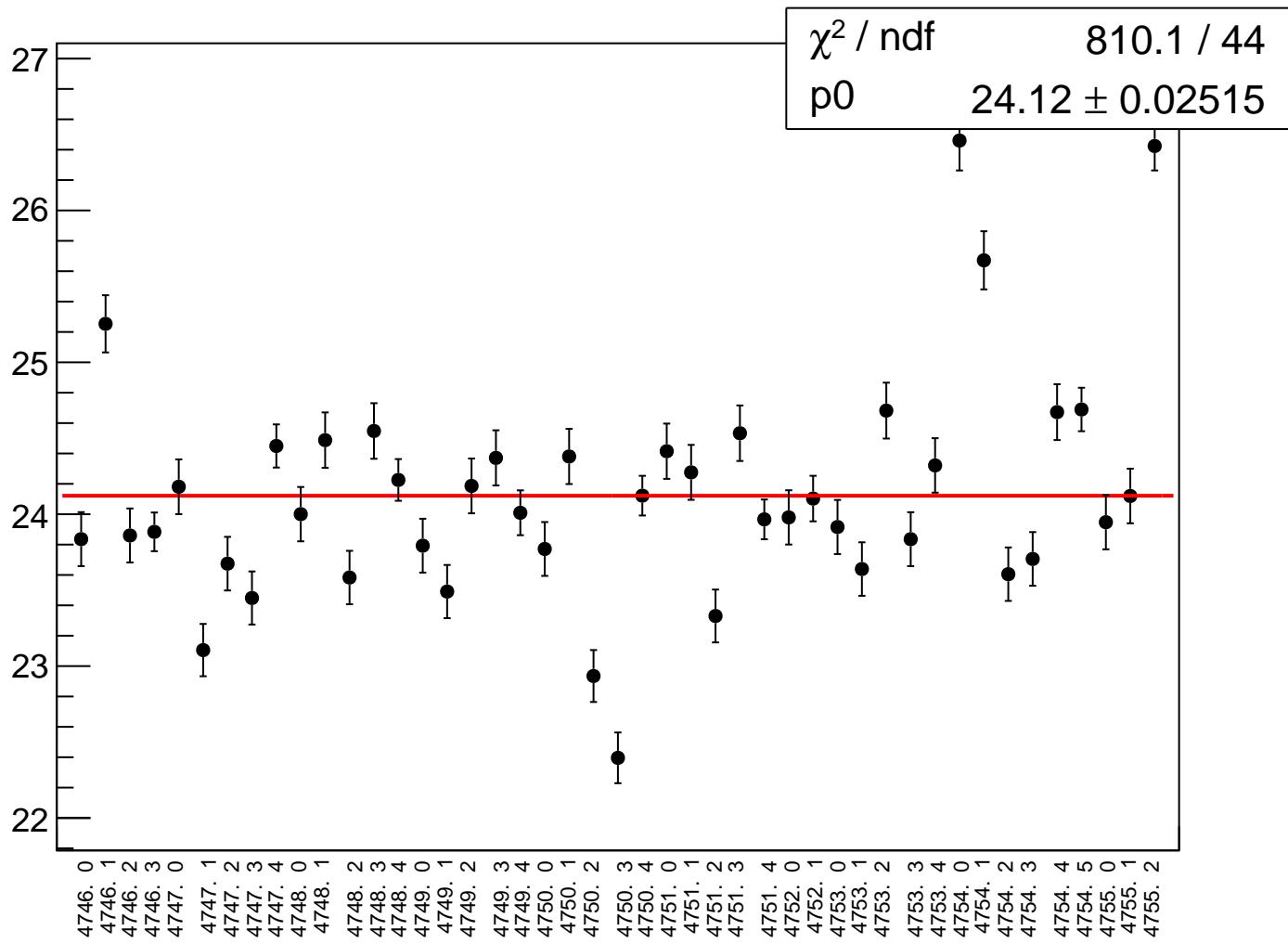
asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs run



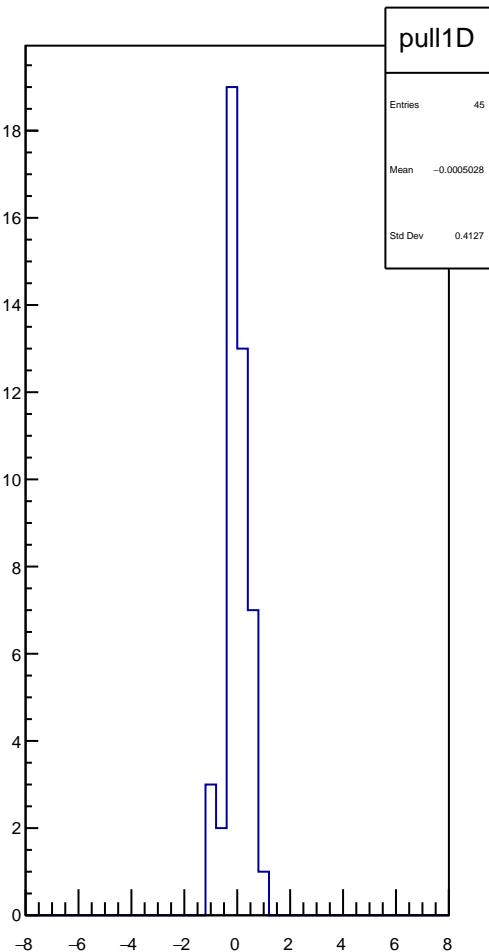
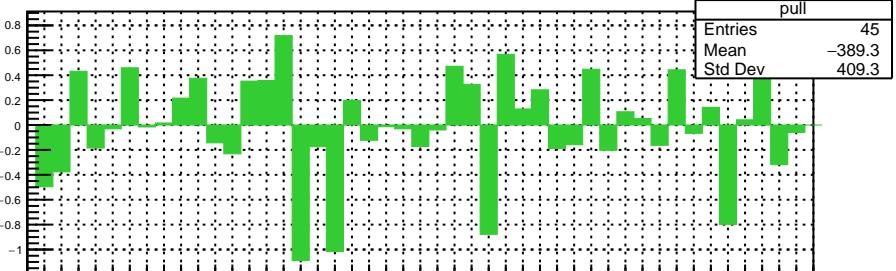
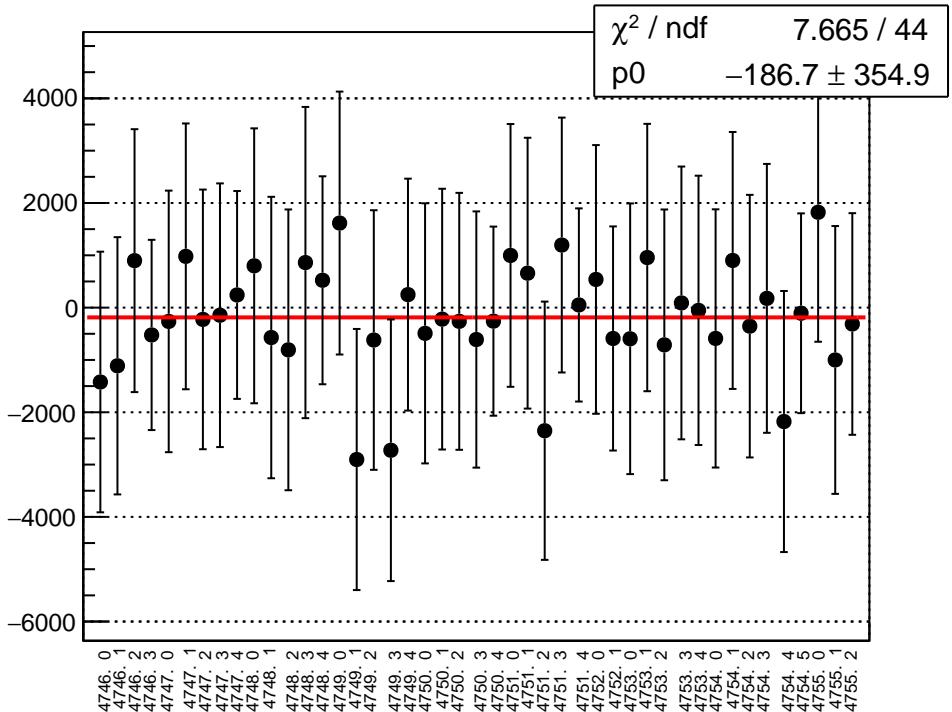
asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs run



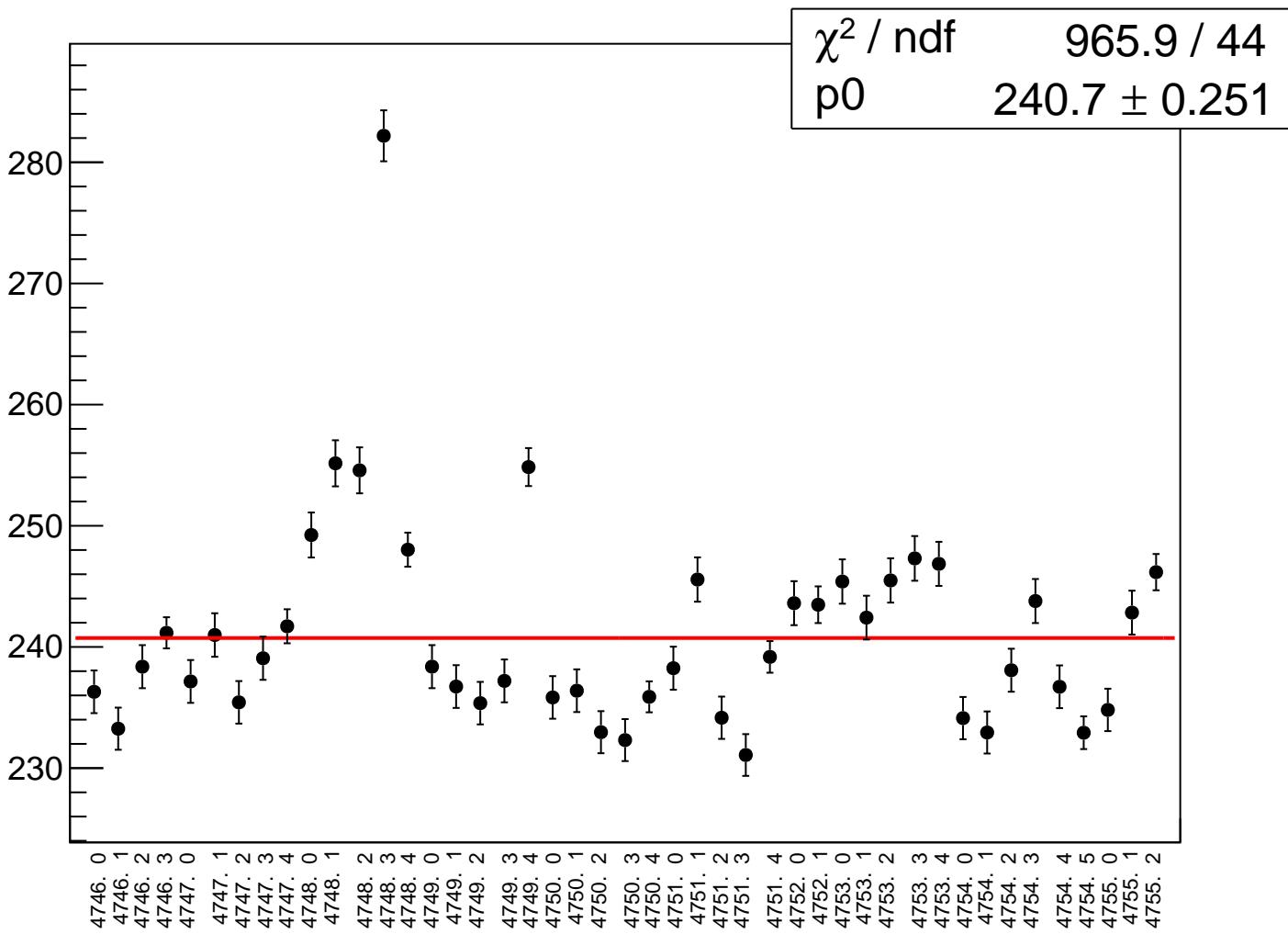
asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs run



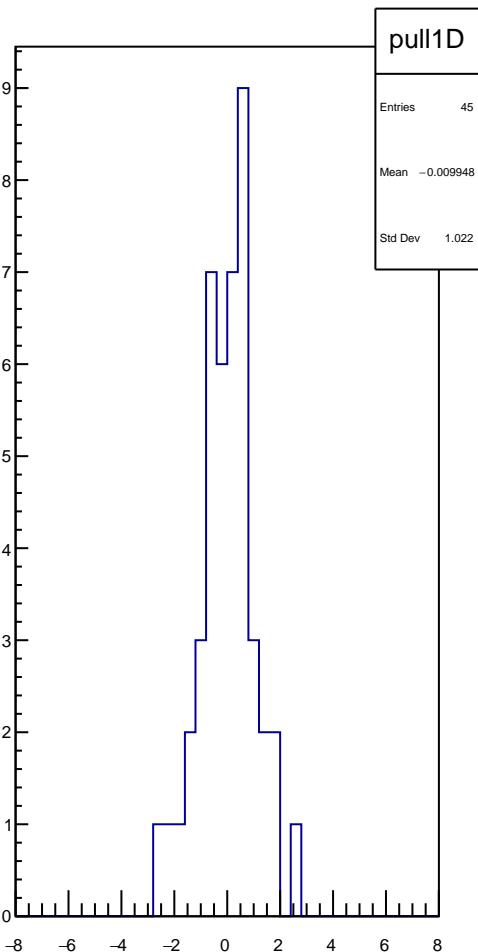
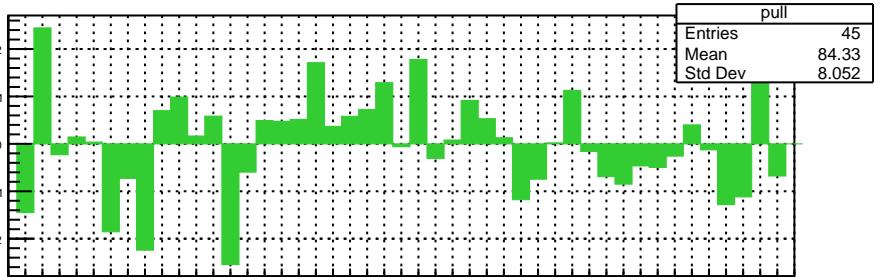
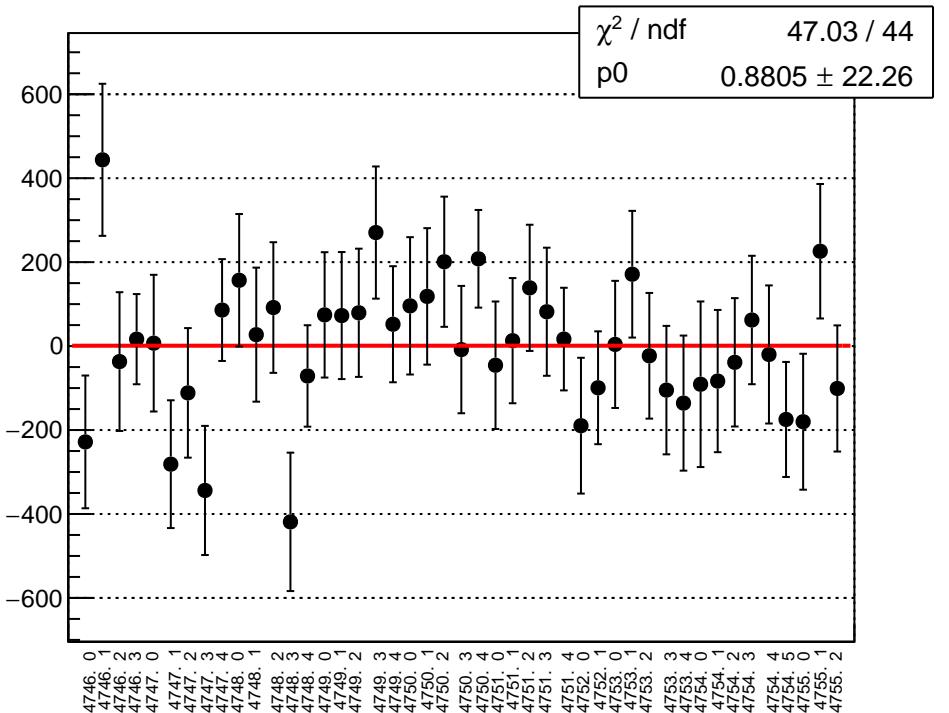
asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs run



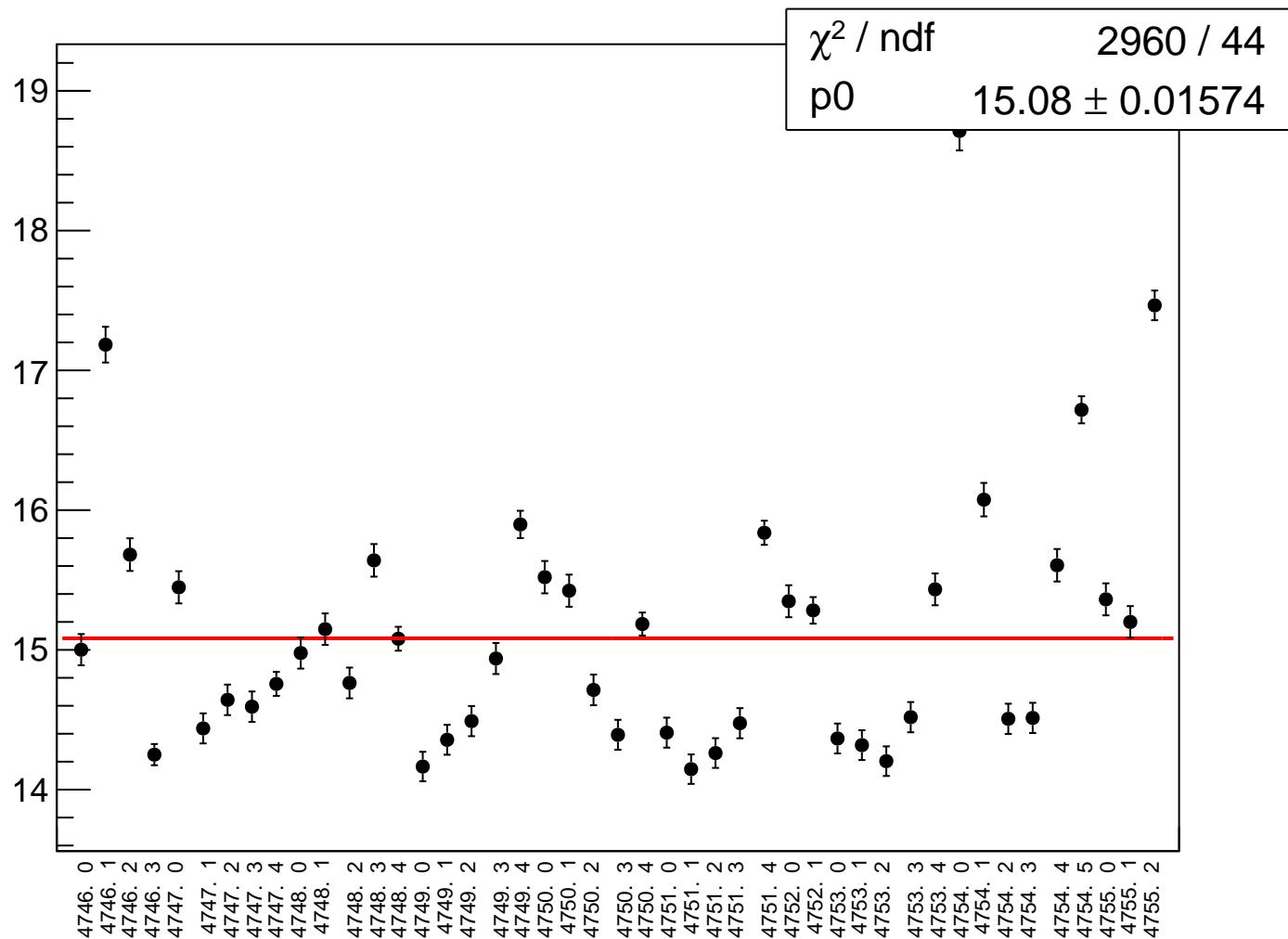
asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs run



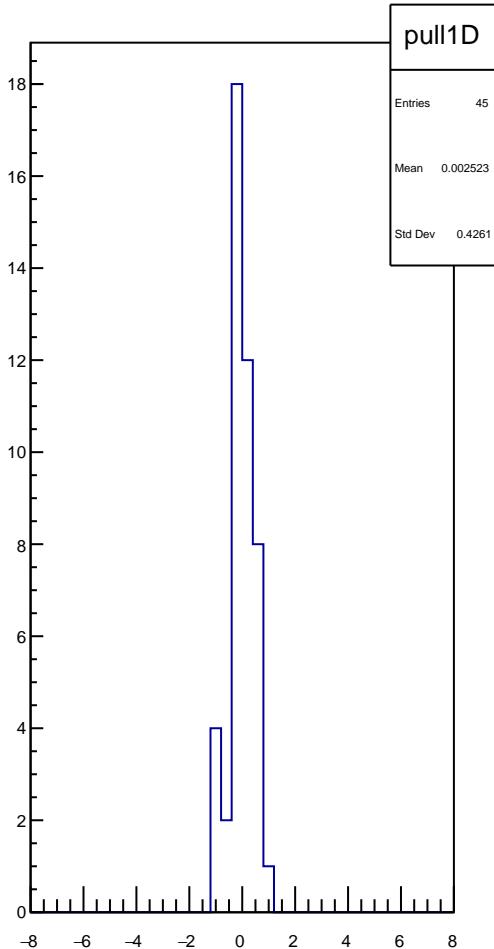
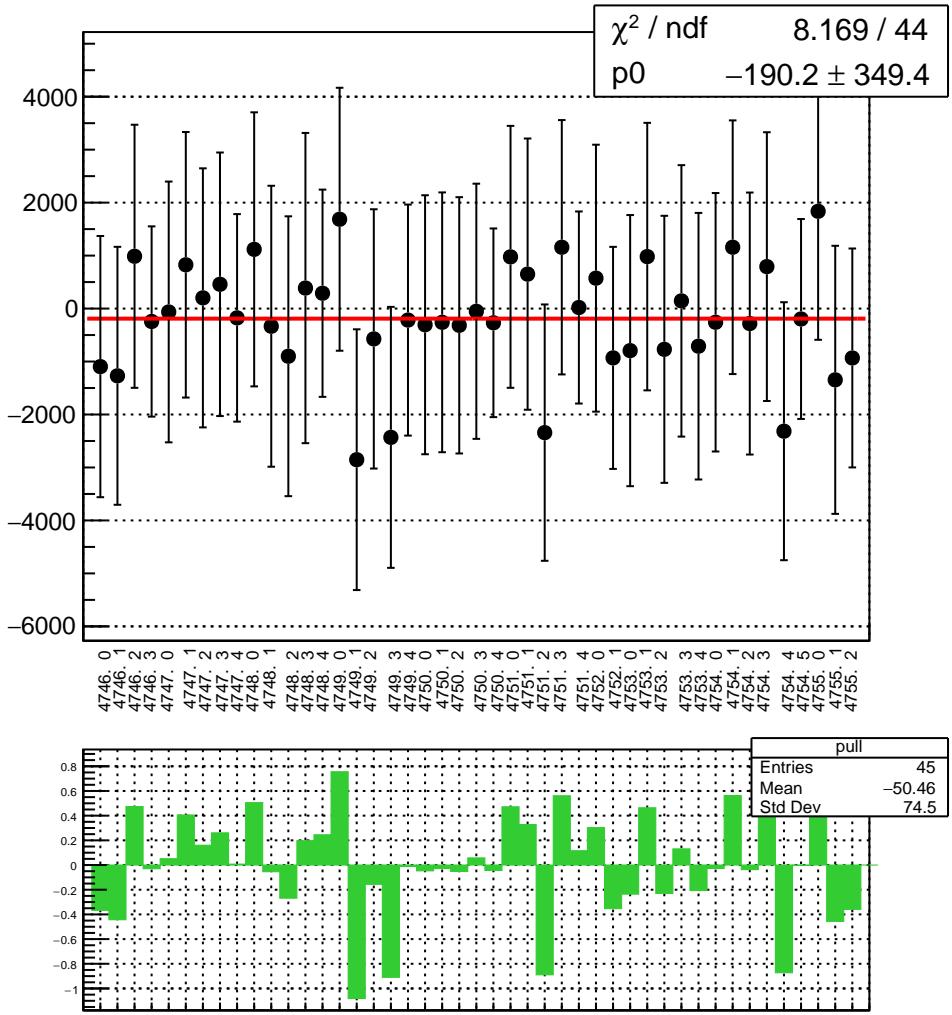
asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs run



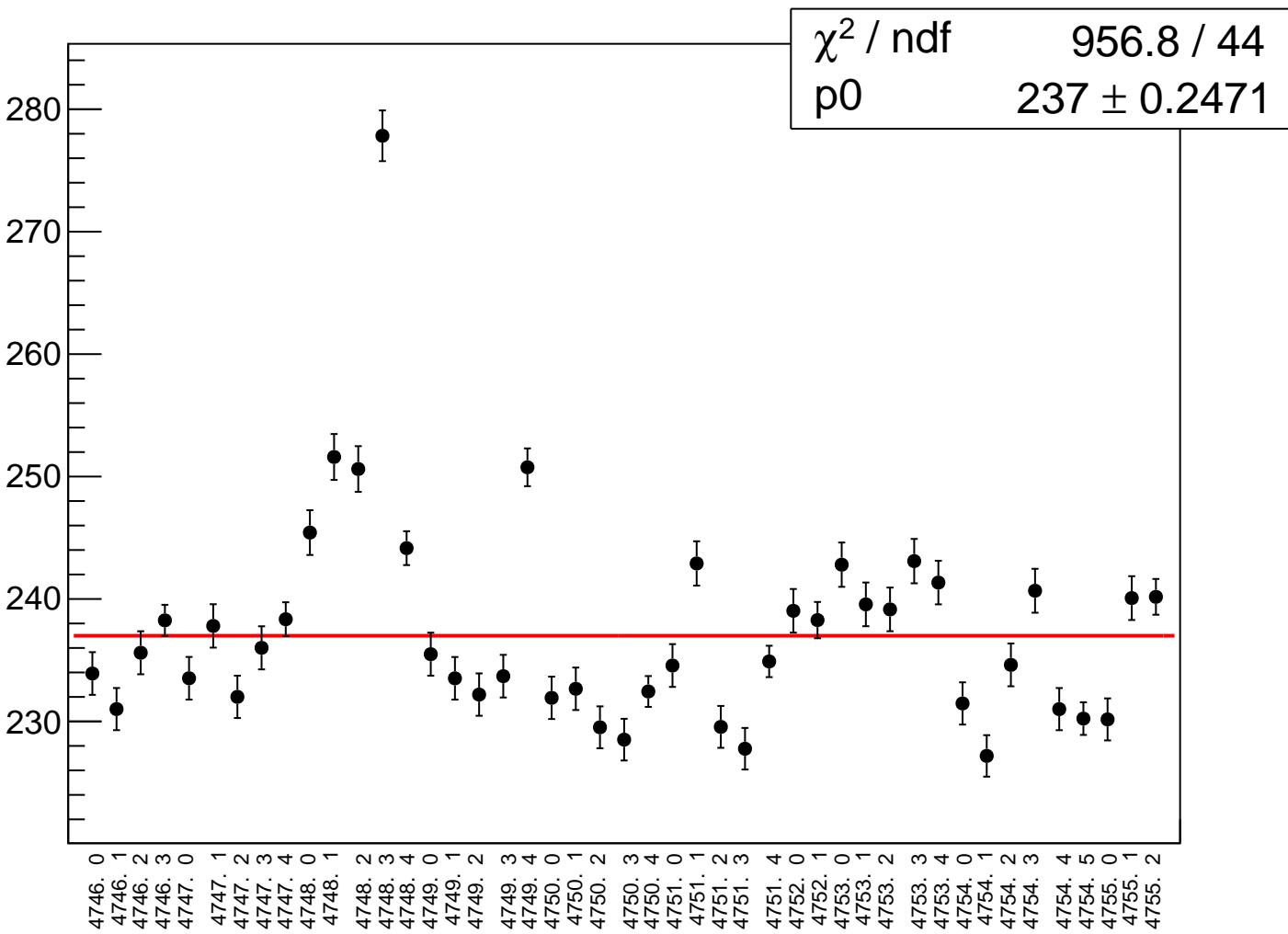
asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs run



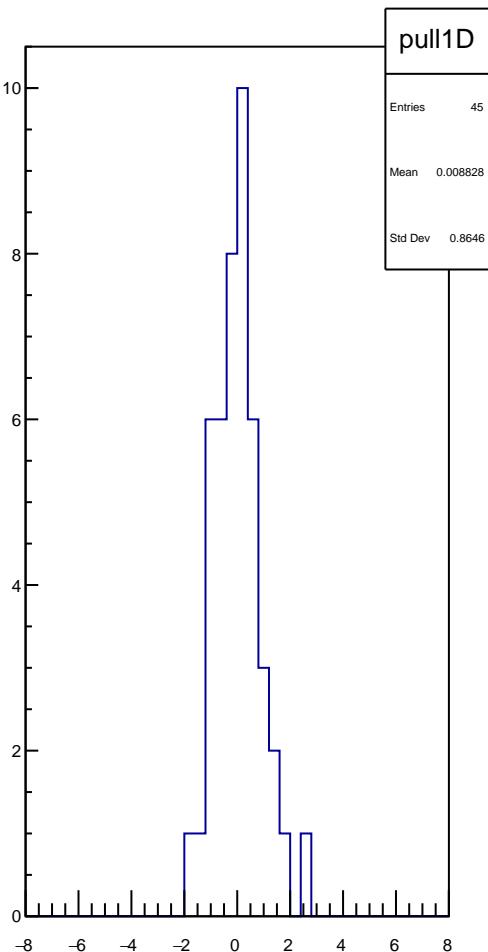
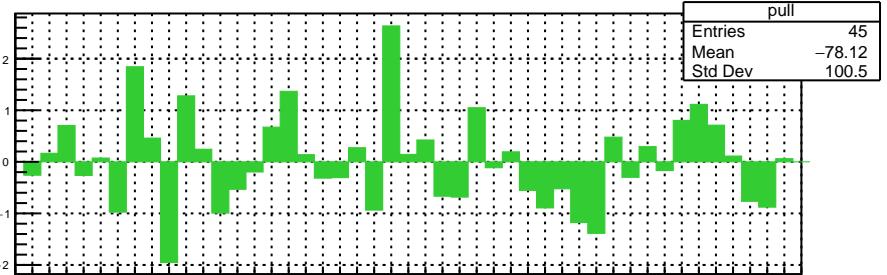
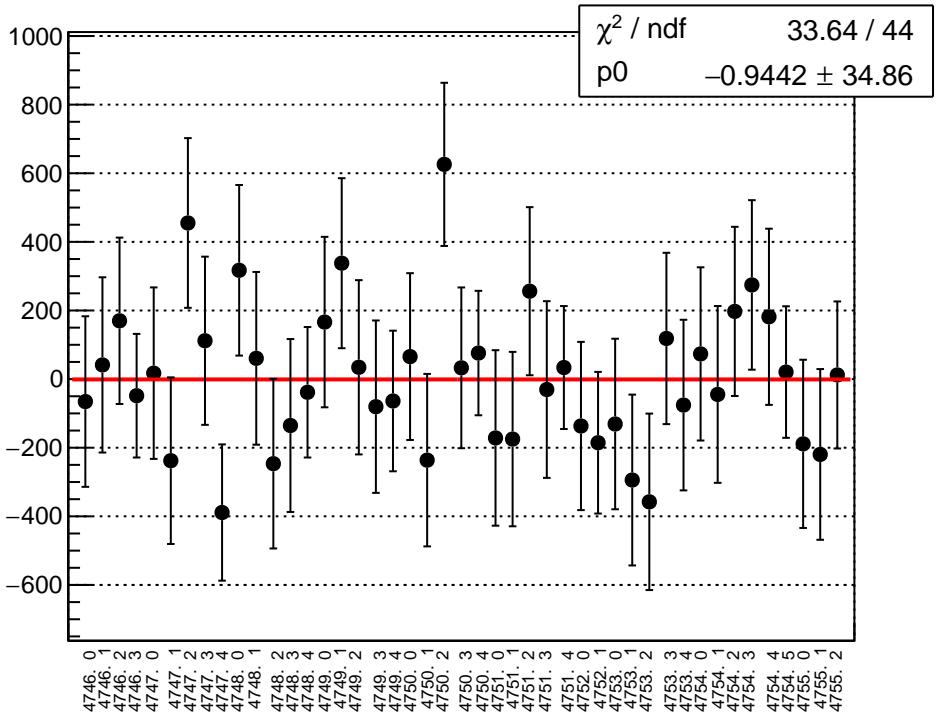
asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs run



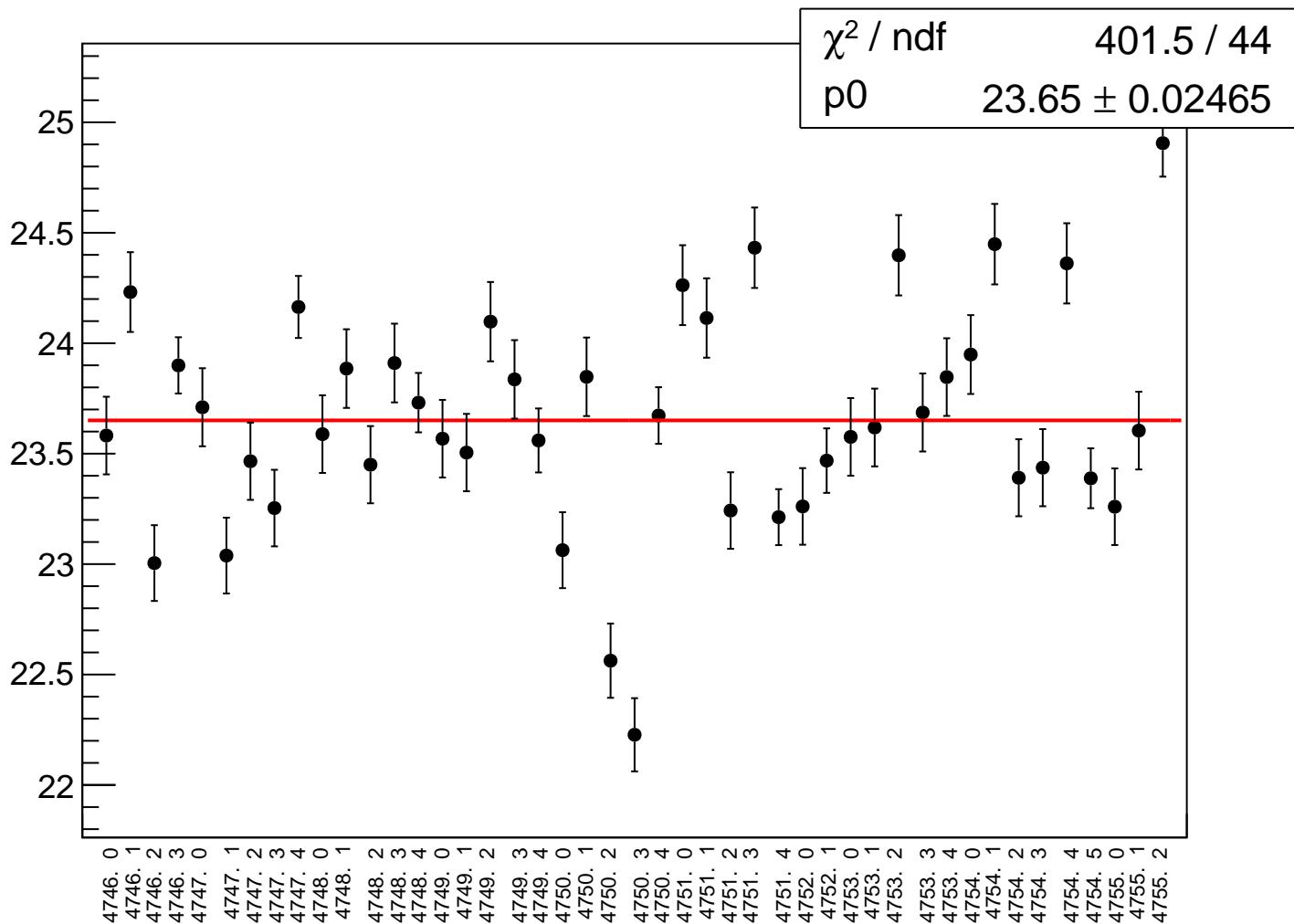
asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs run



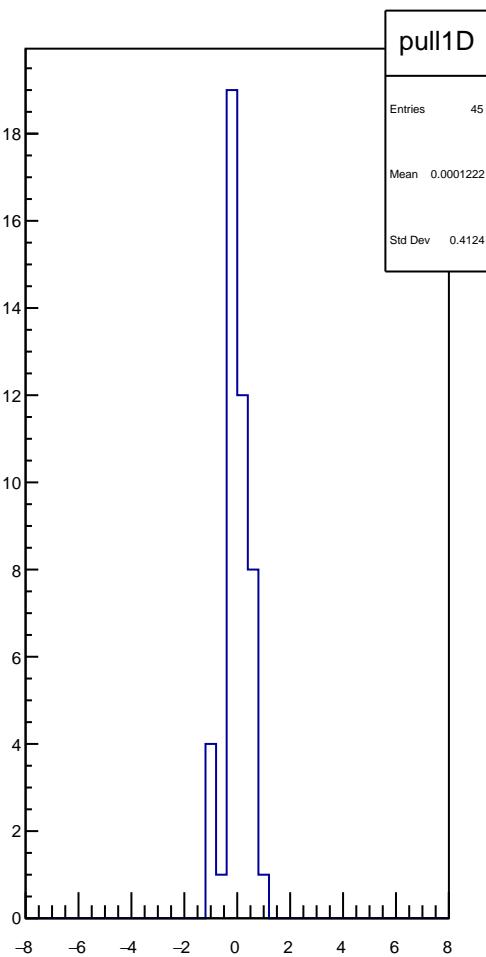
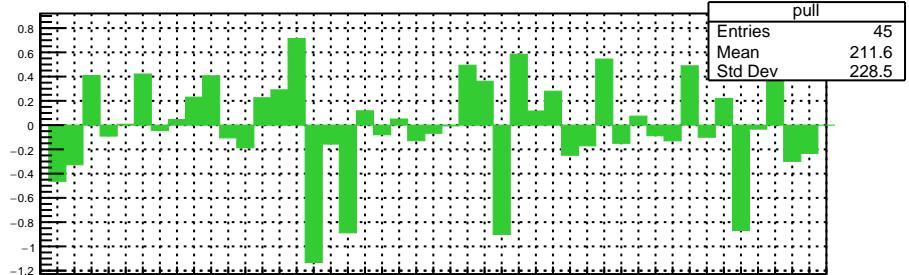
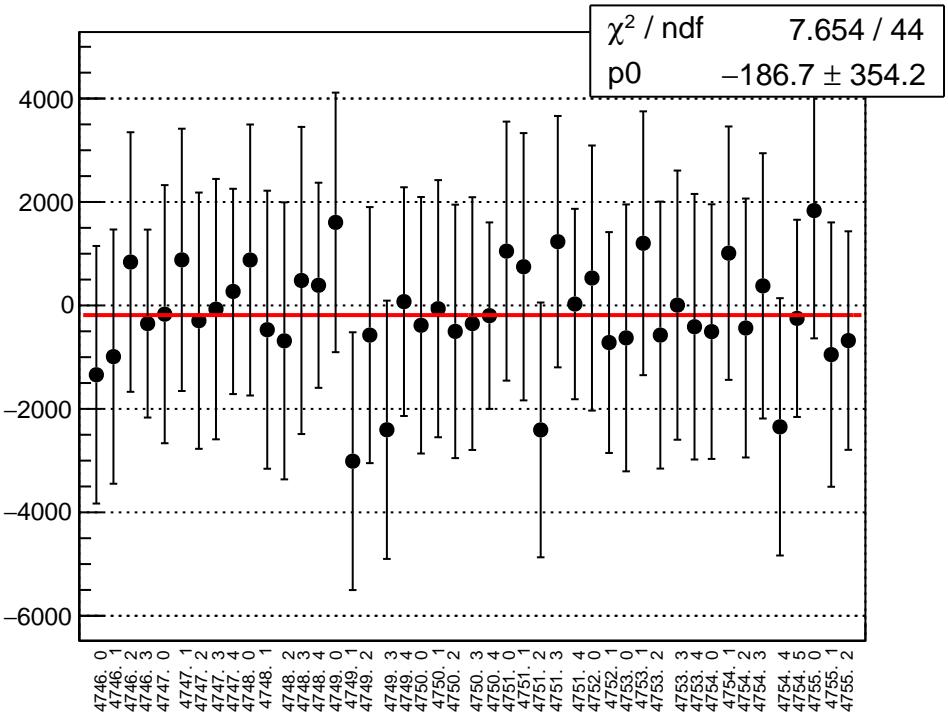
asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs run



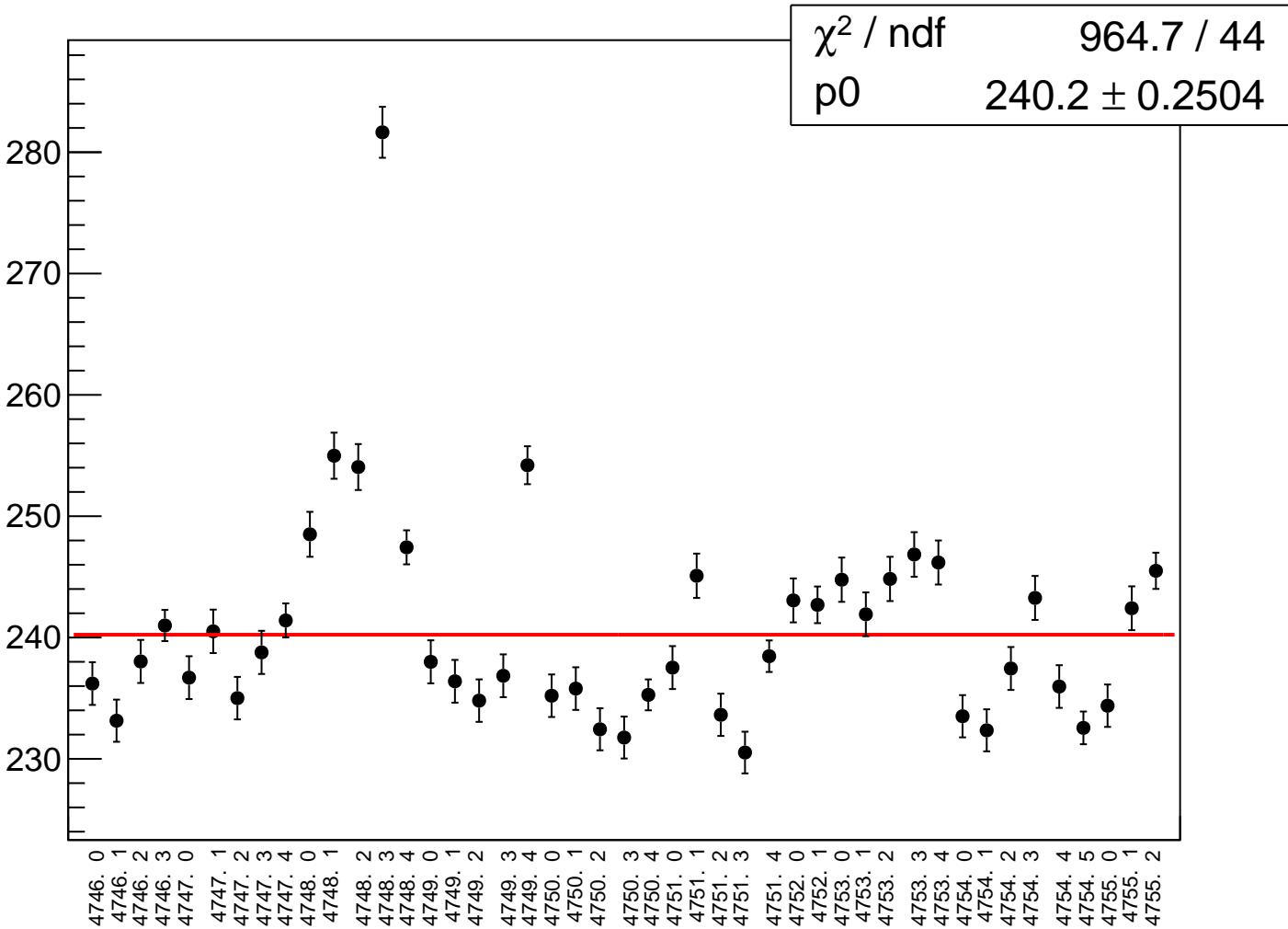
asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs run



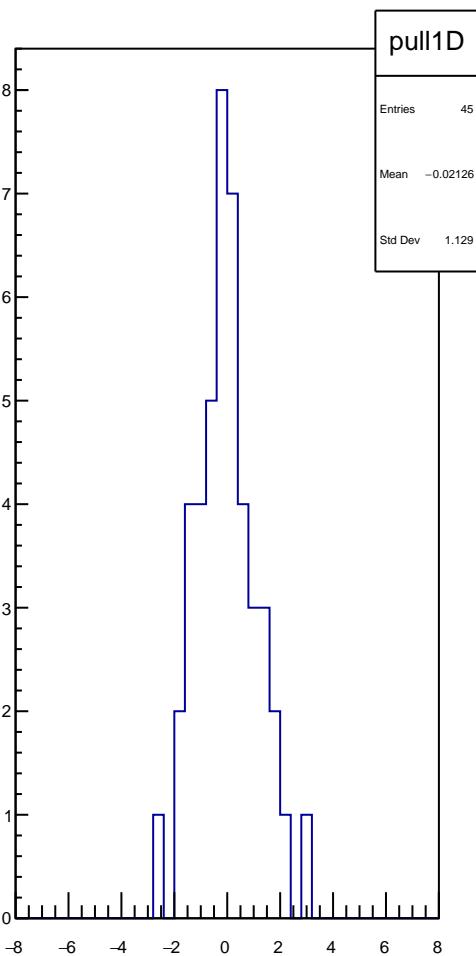
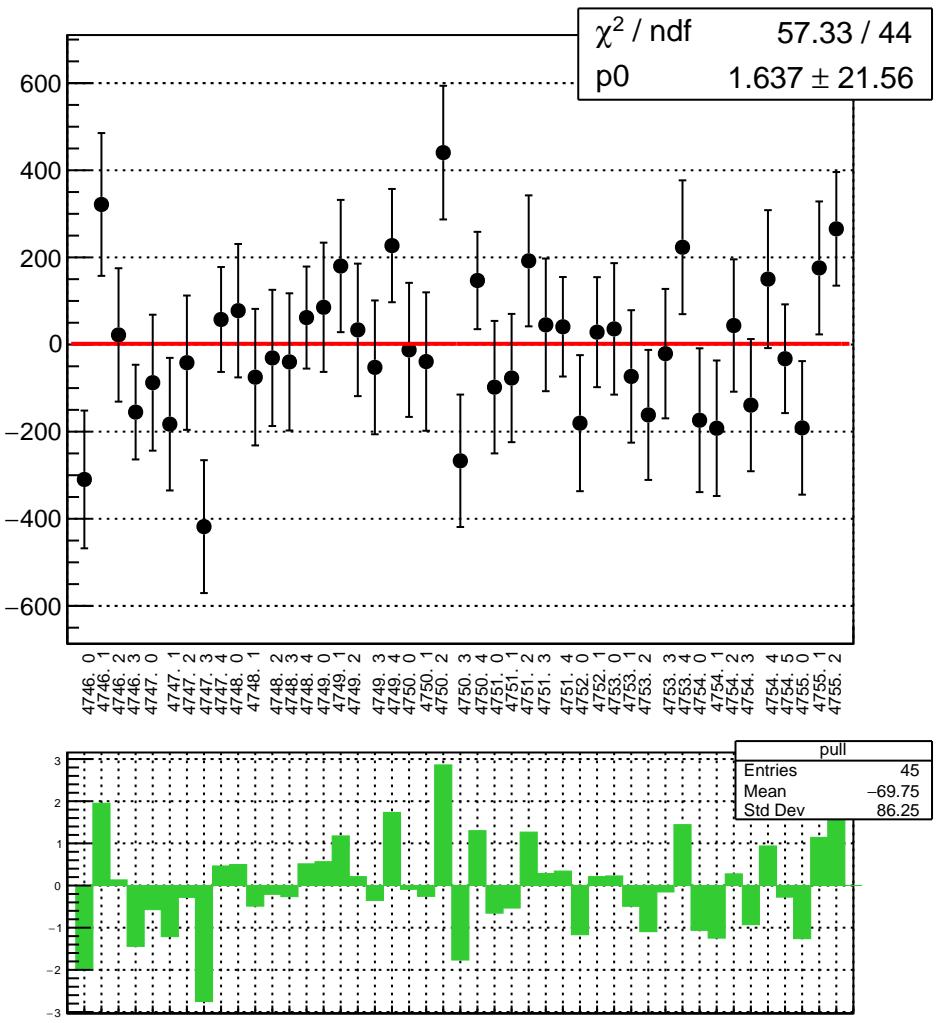
asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs run



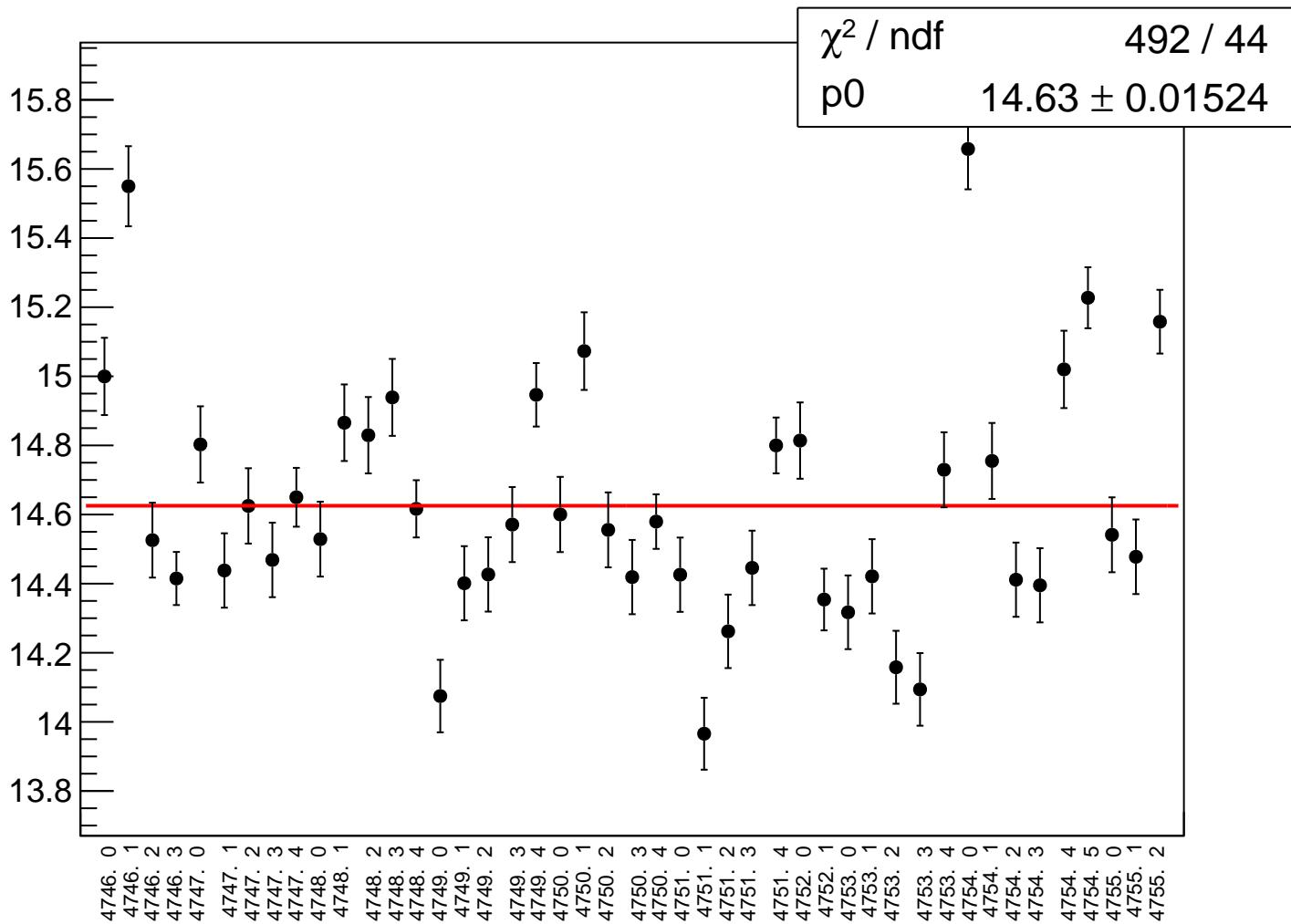
asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs run



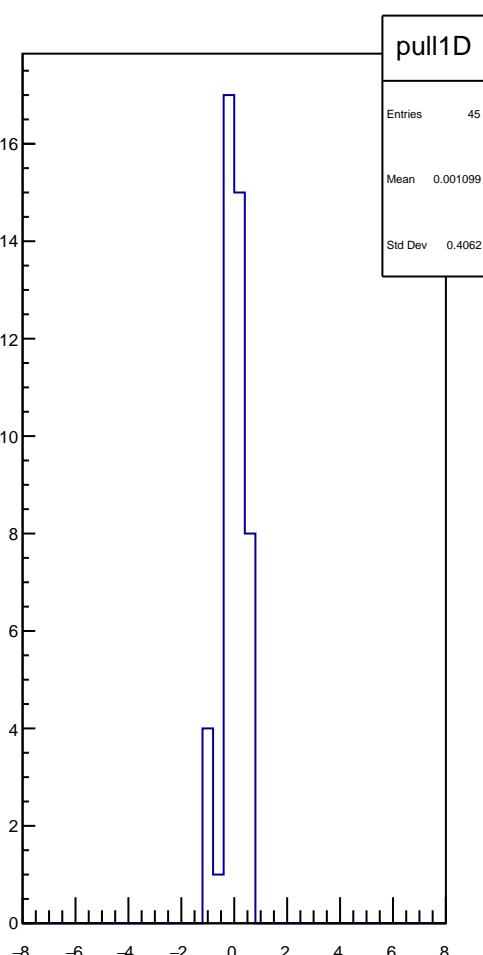
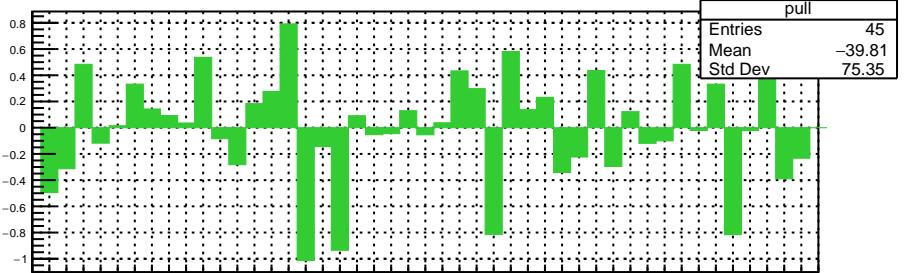
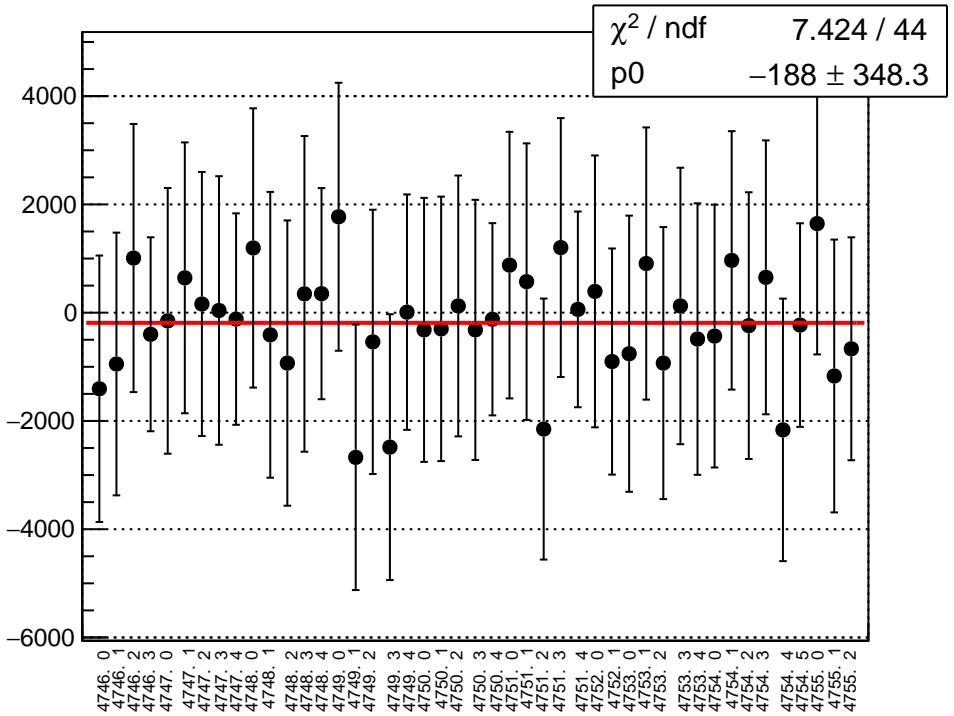
asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs run



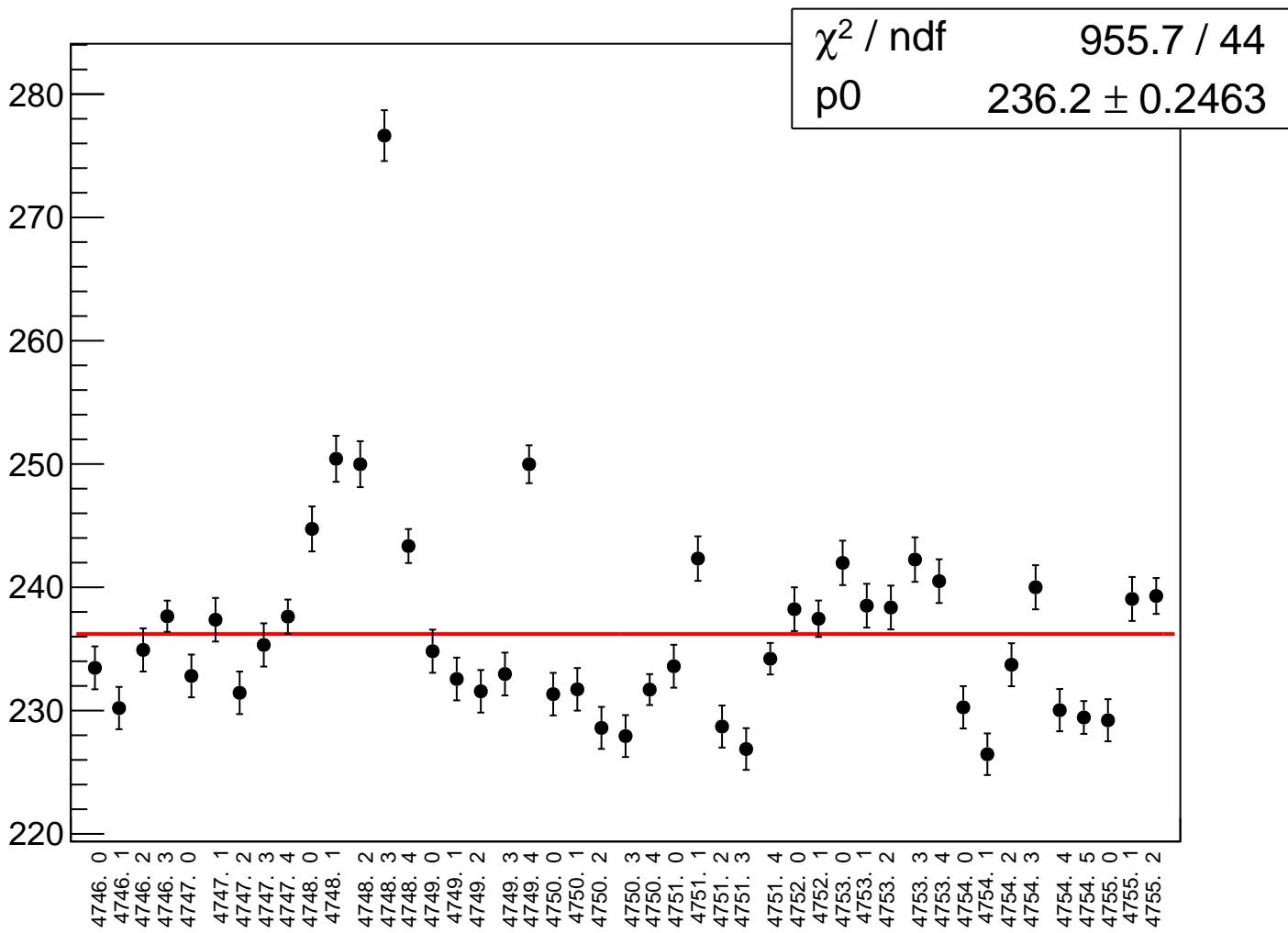
asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs run



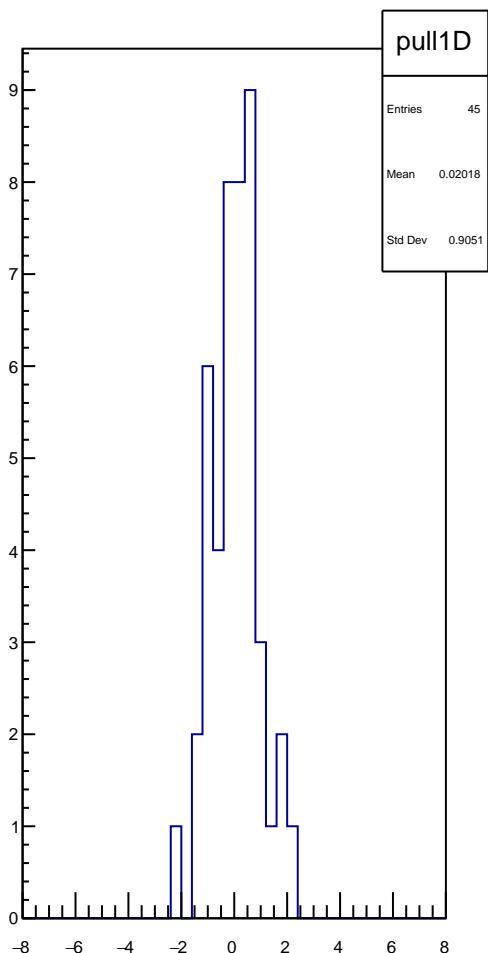
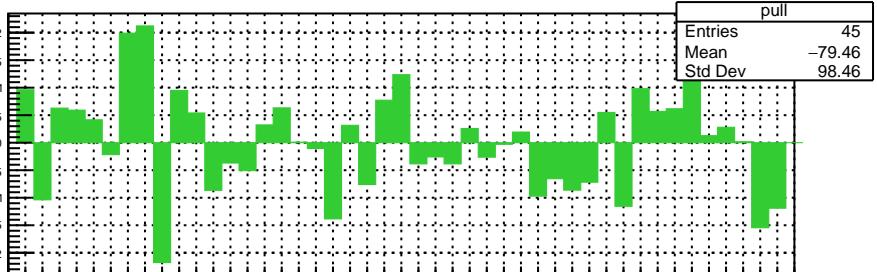
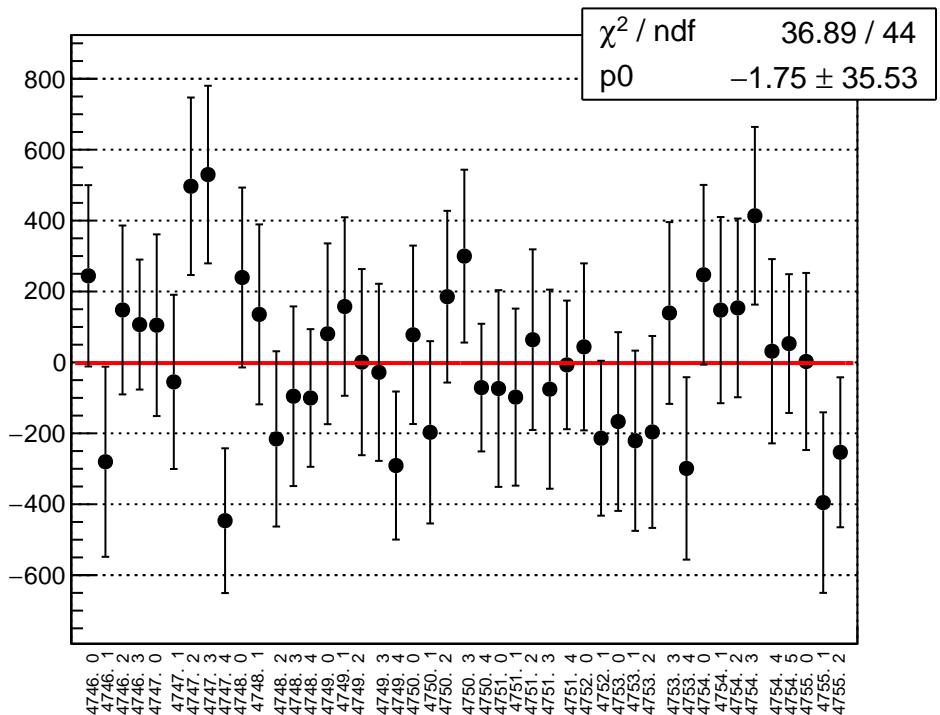
asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs run



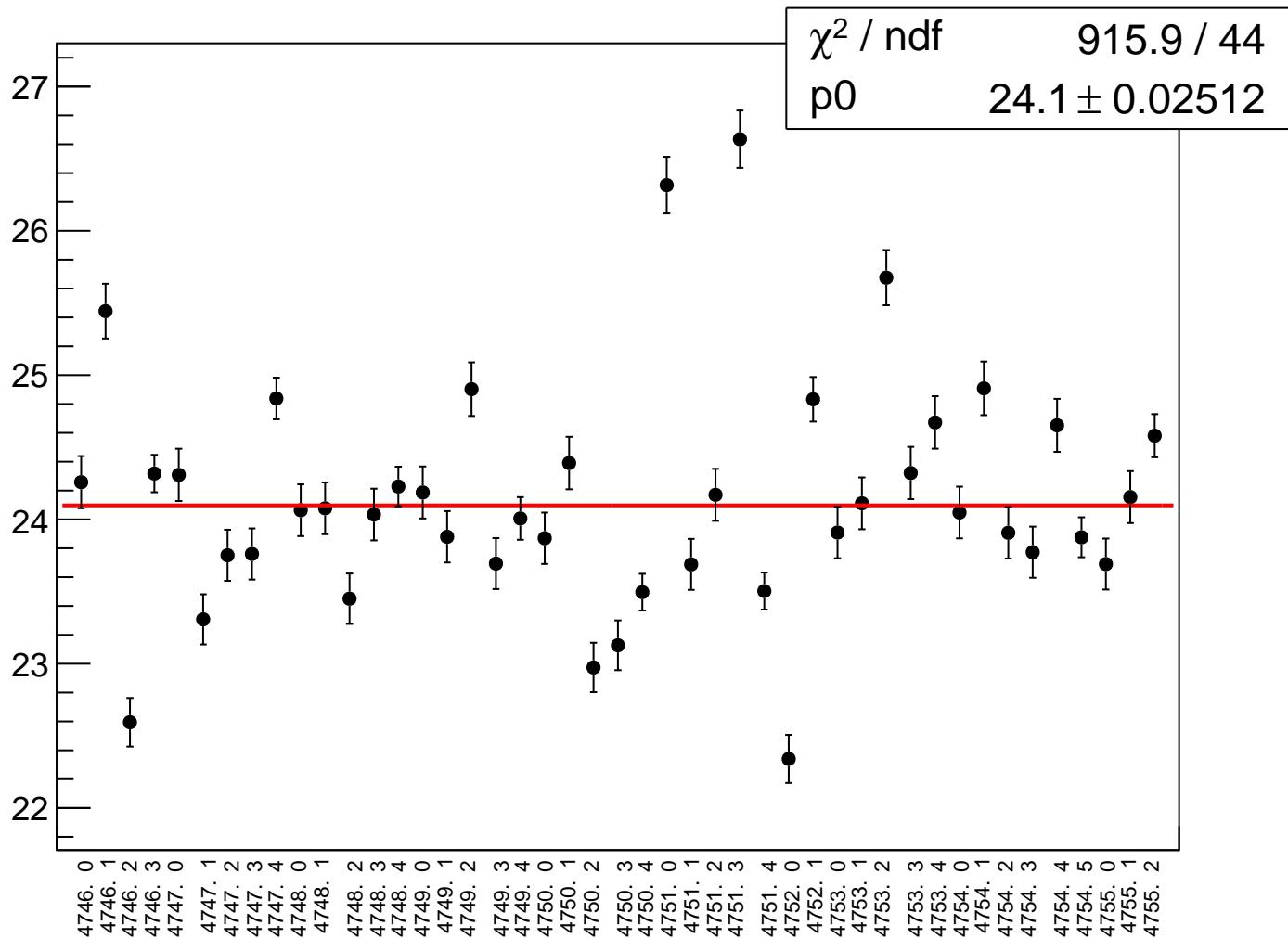
asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs run



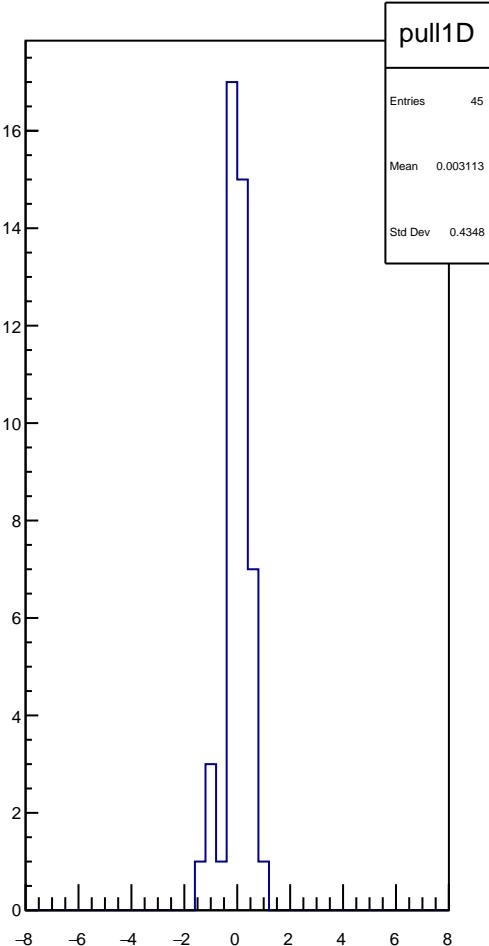
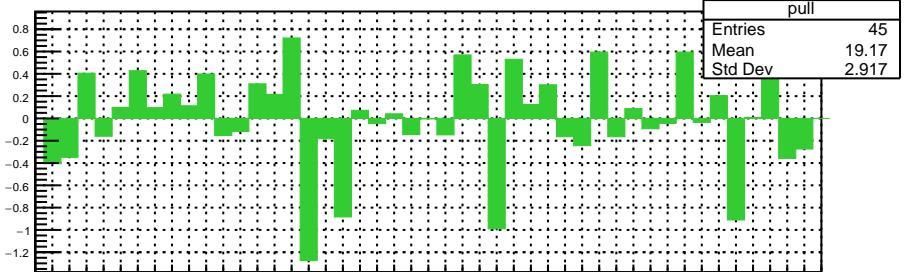
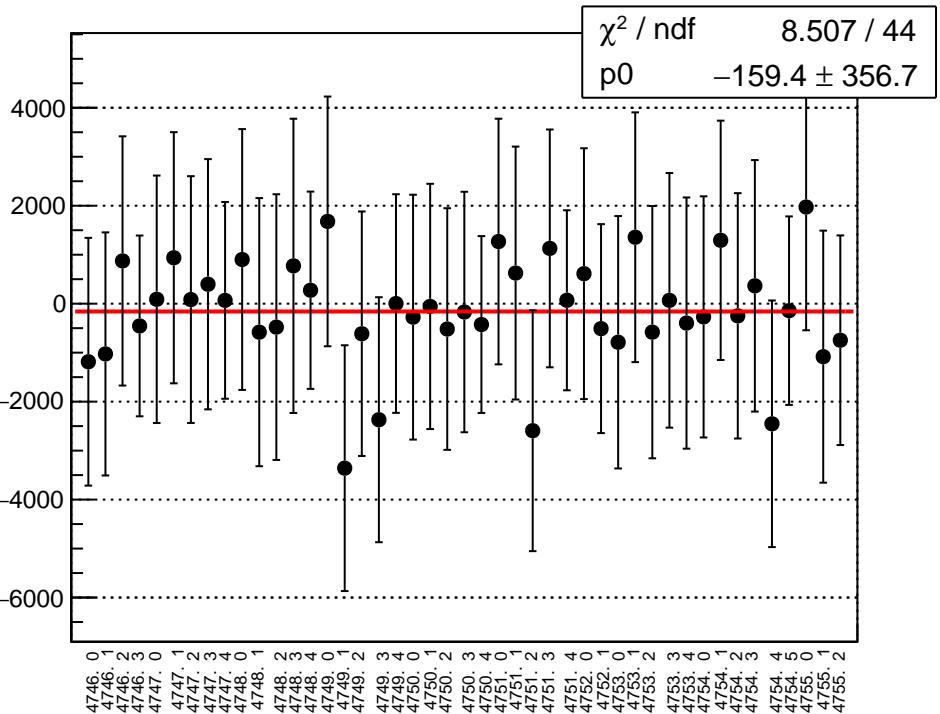
asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs run



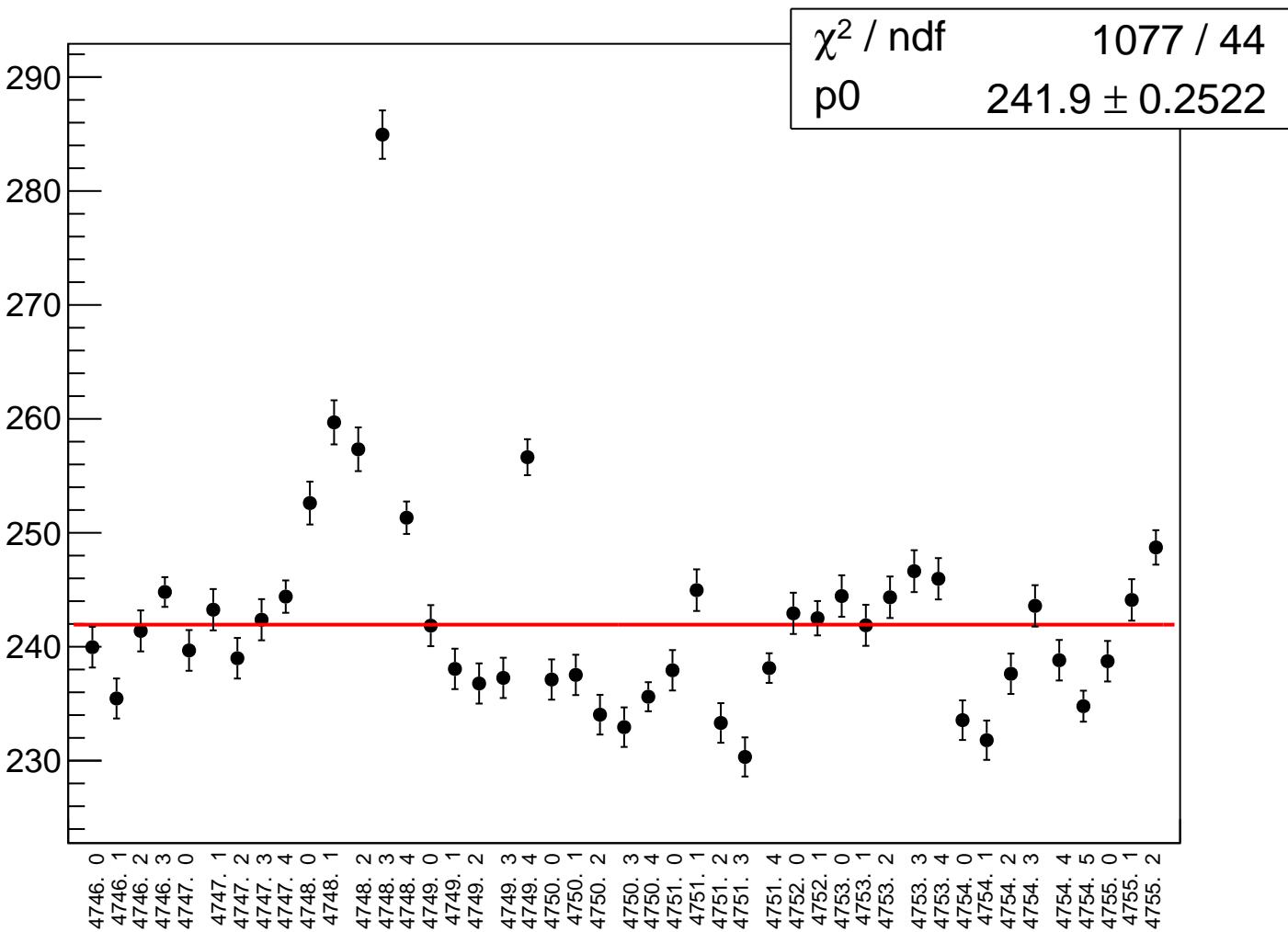
asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs run



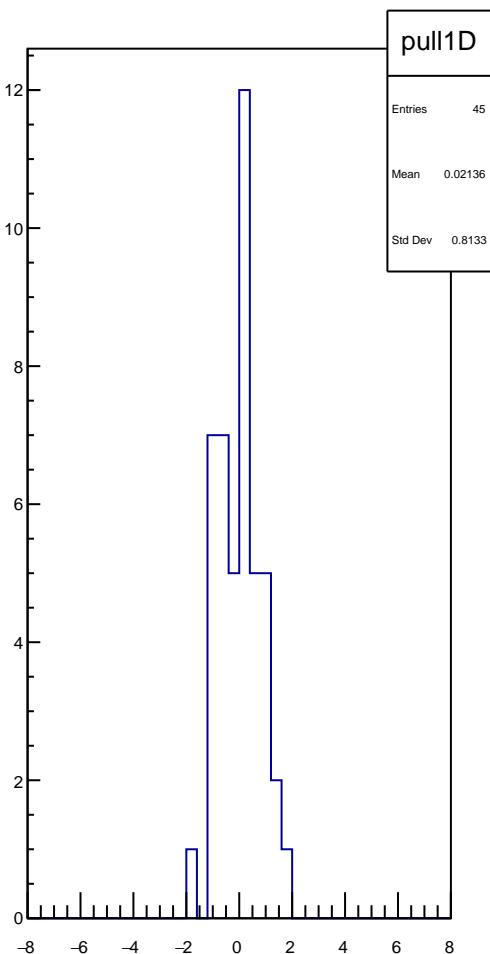
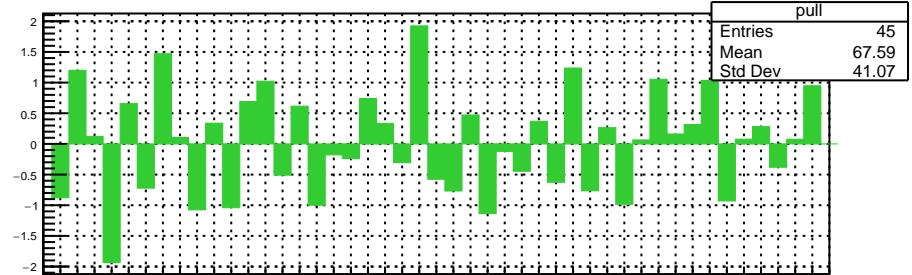
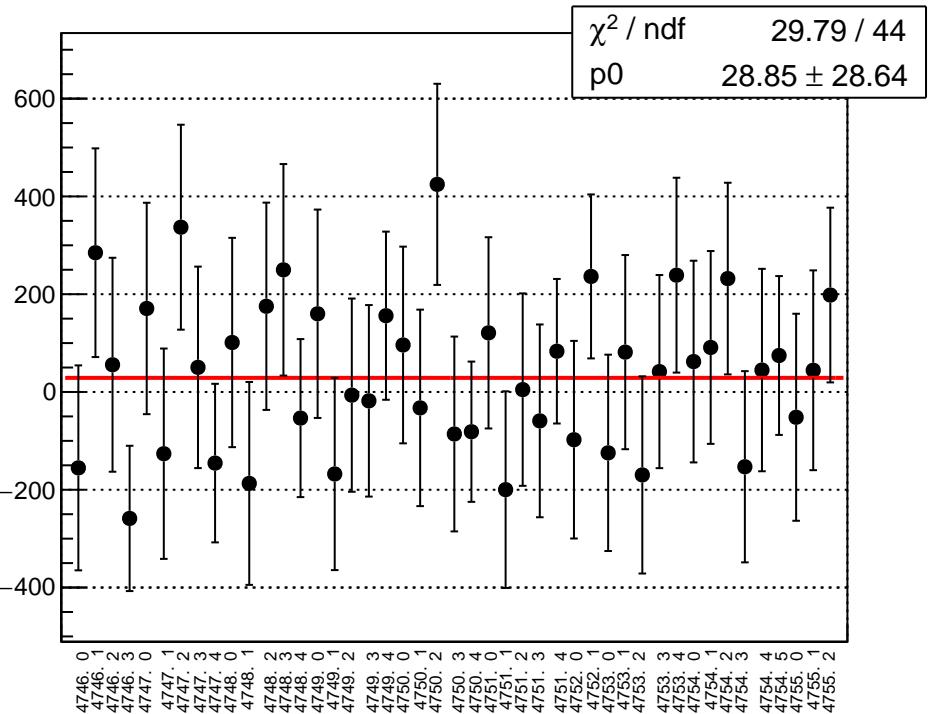
asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs run



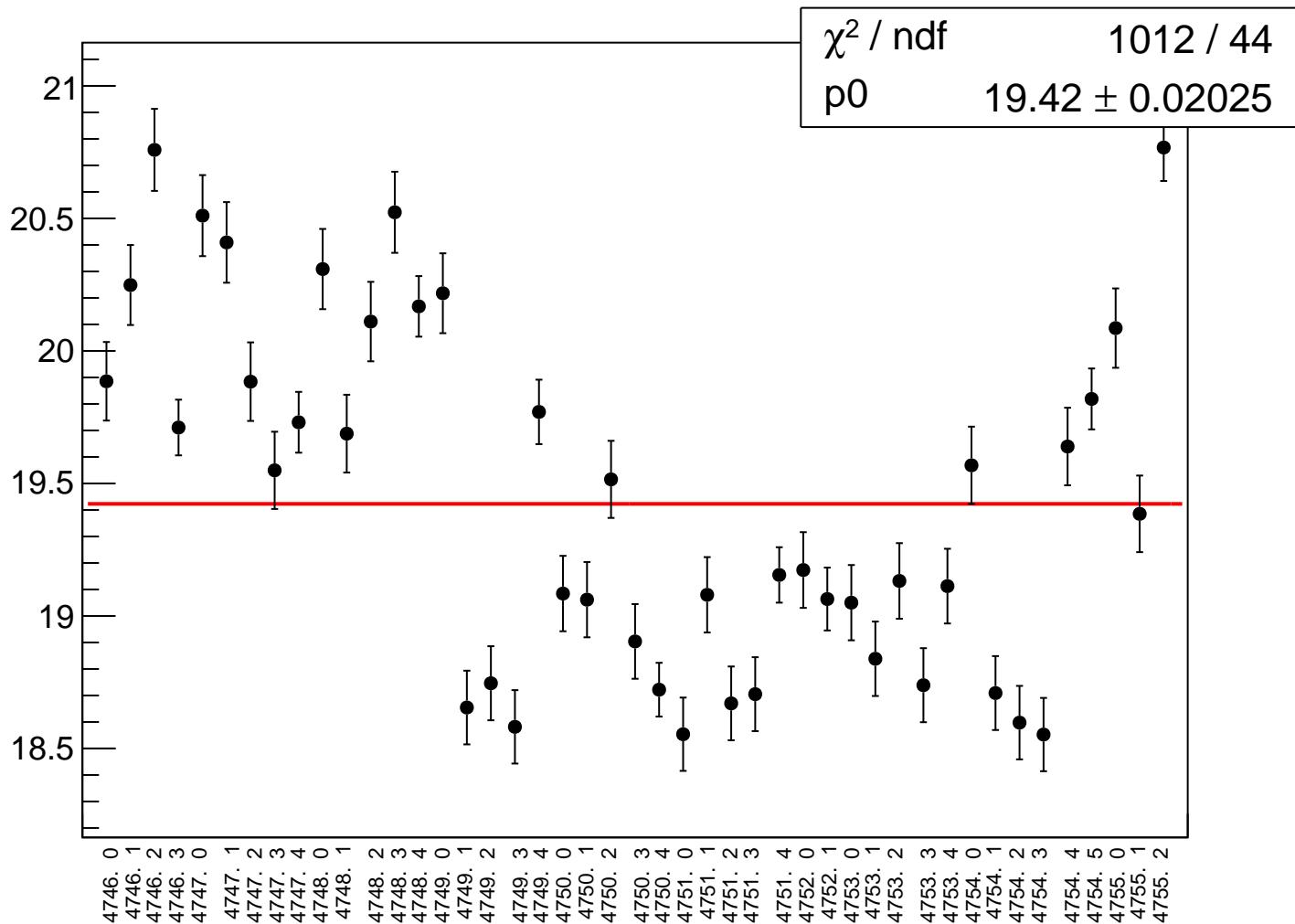
asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs run



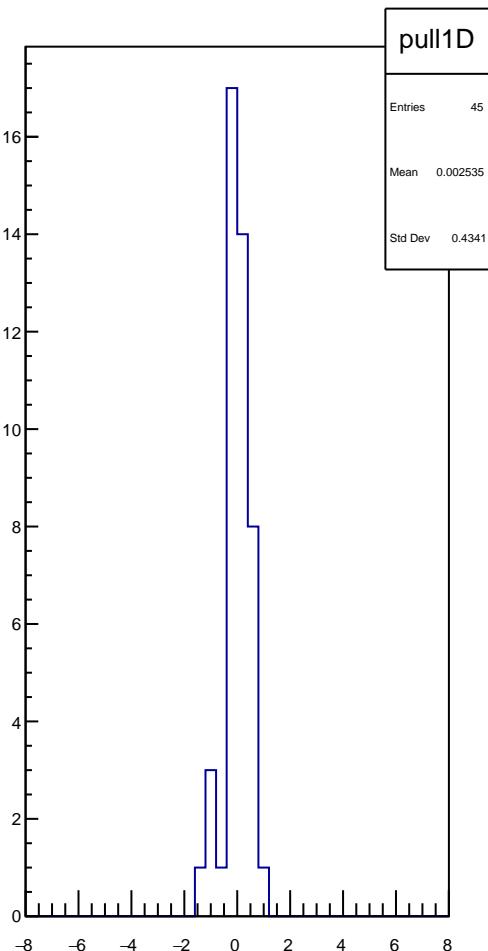
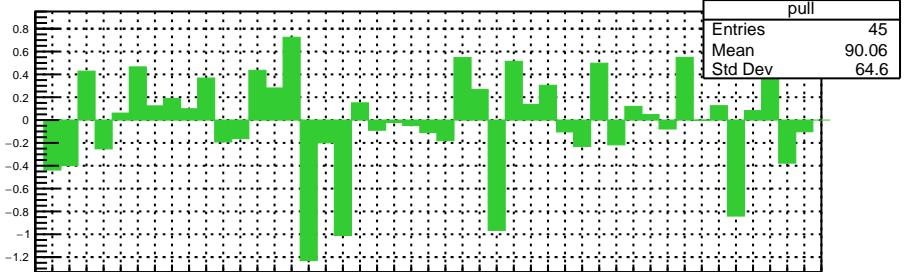
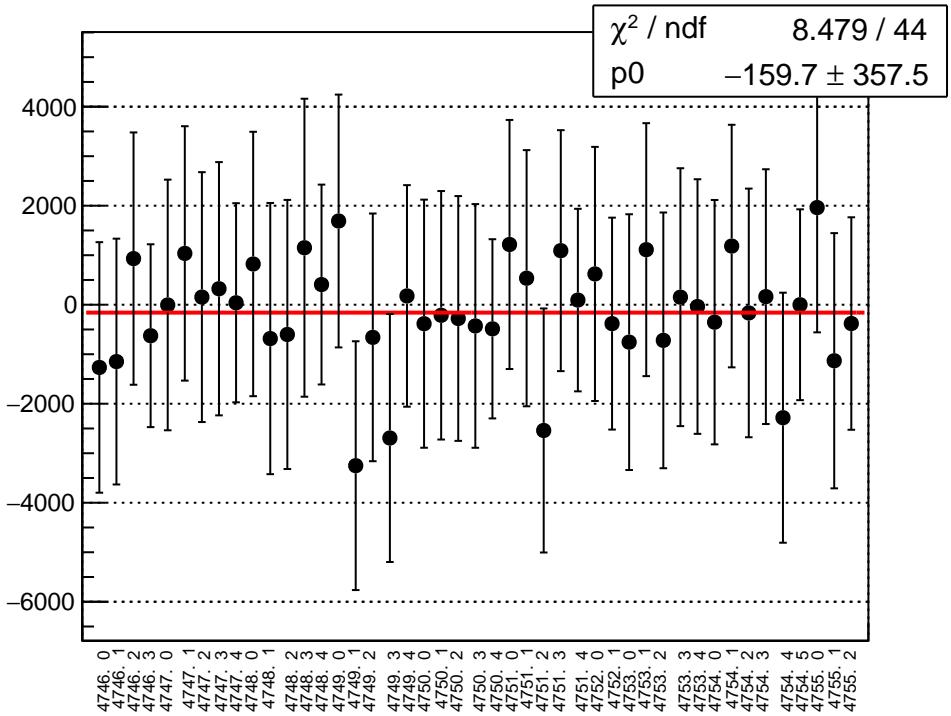
asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs run



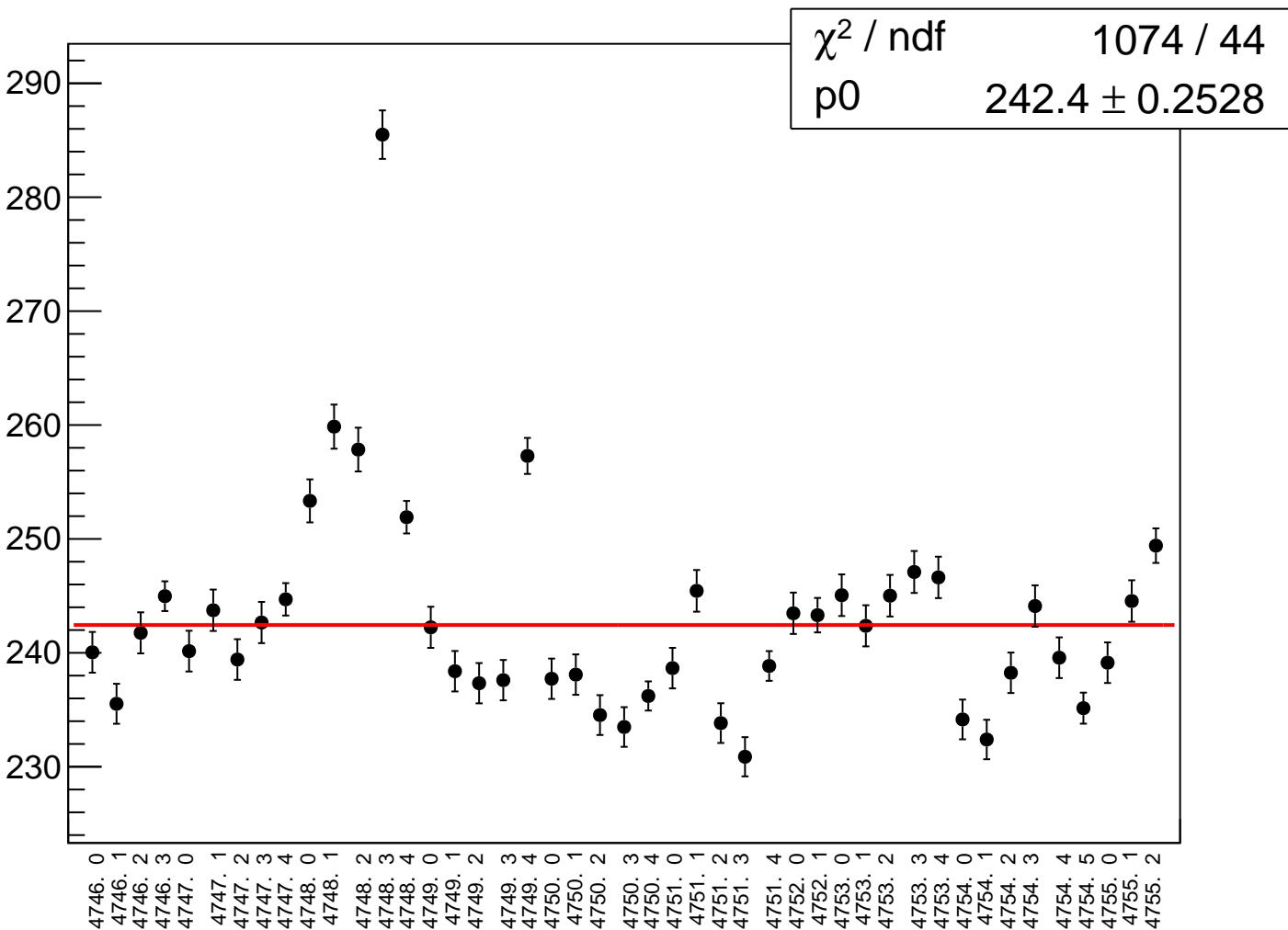
asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs run



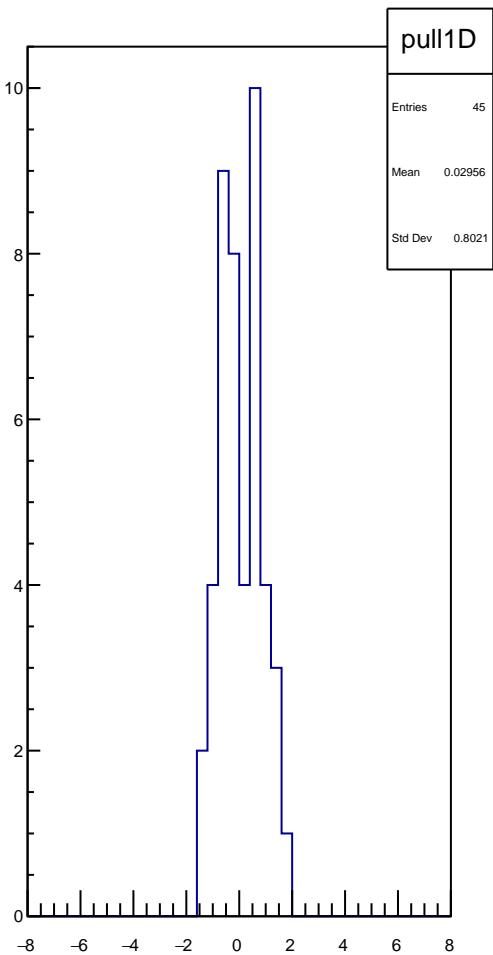
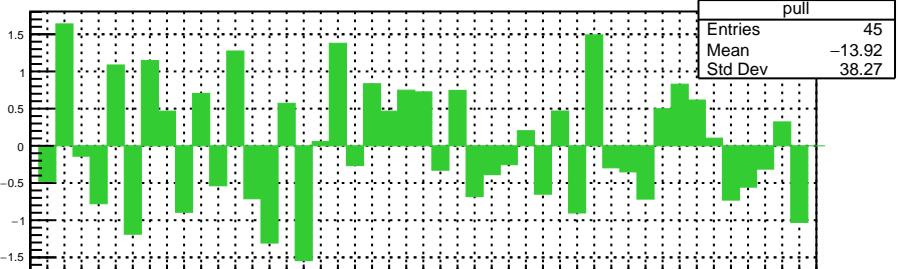
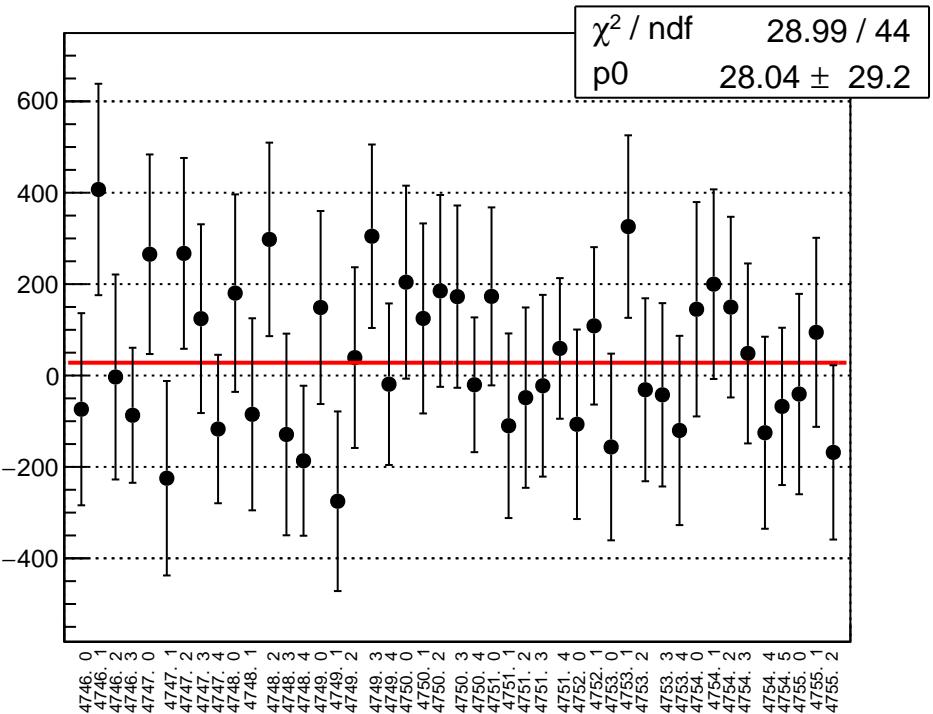
asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs run



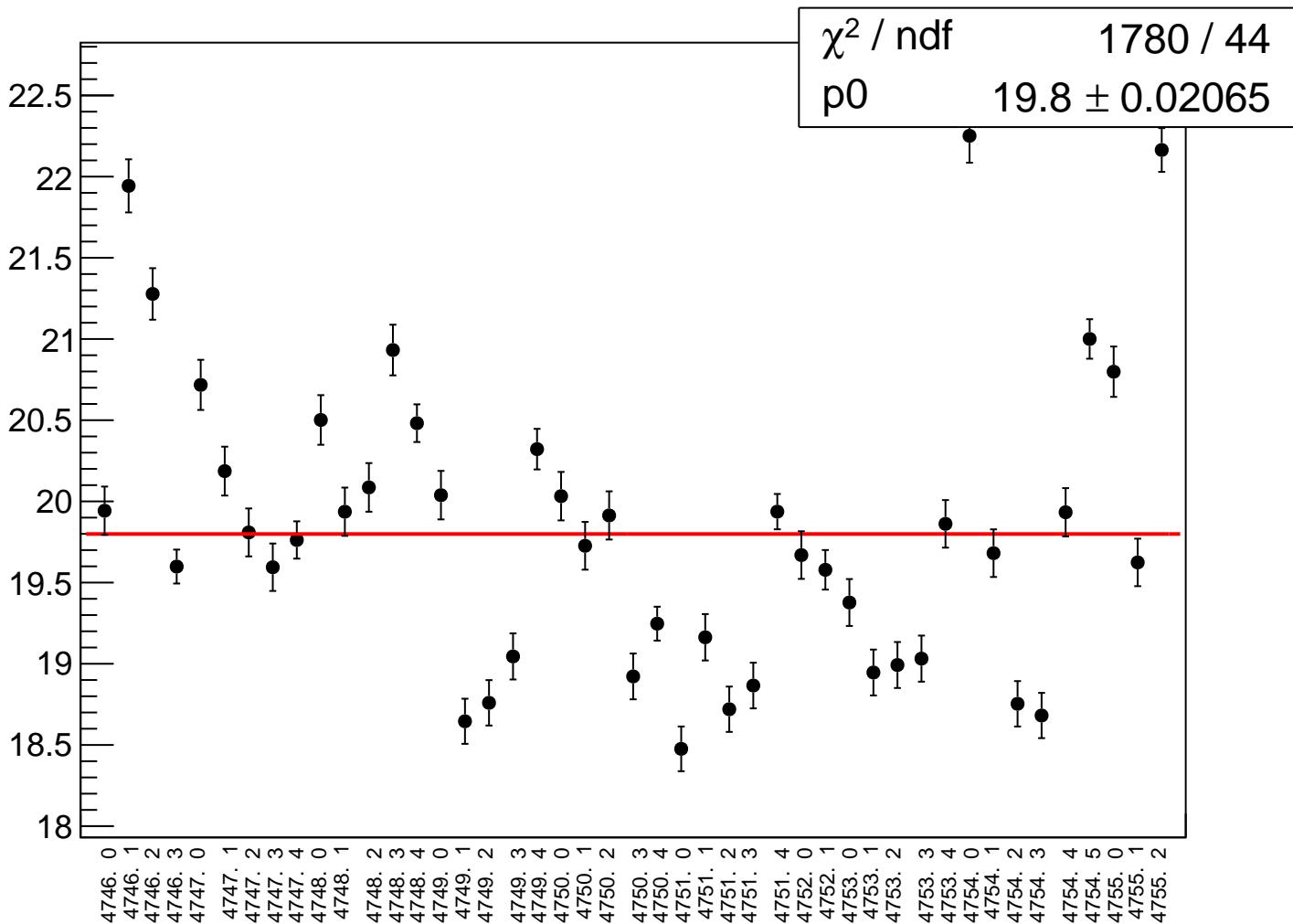
asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs run



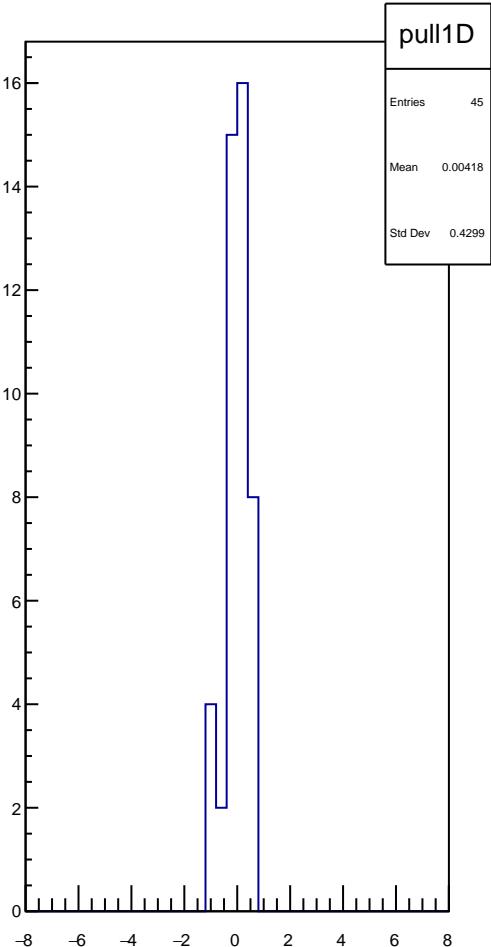
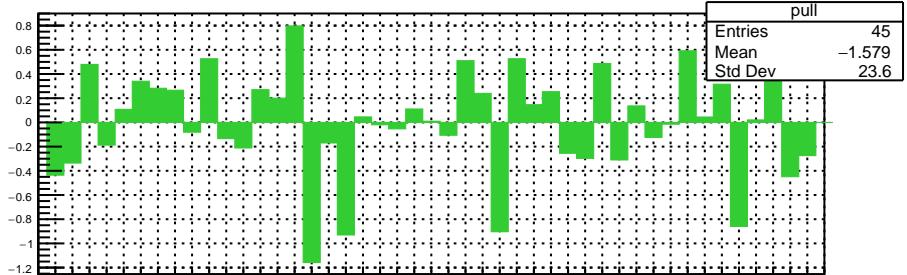
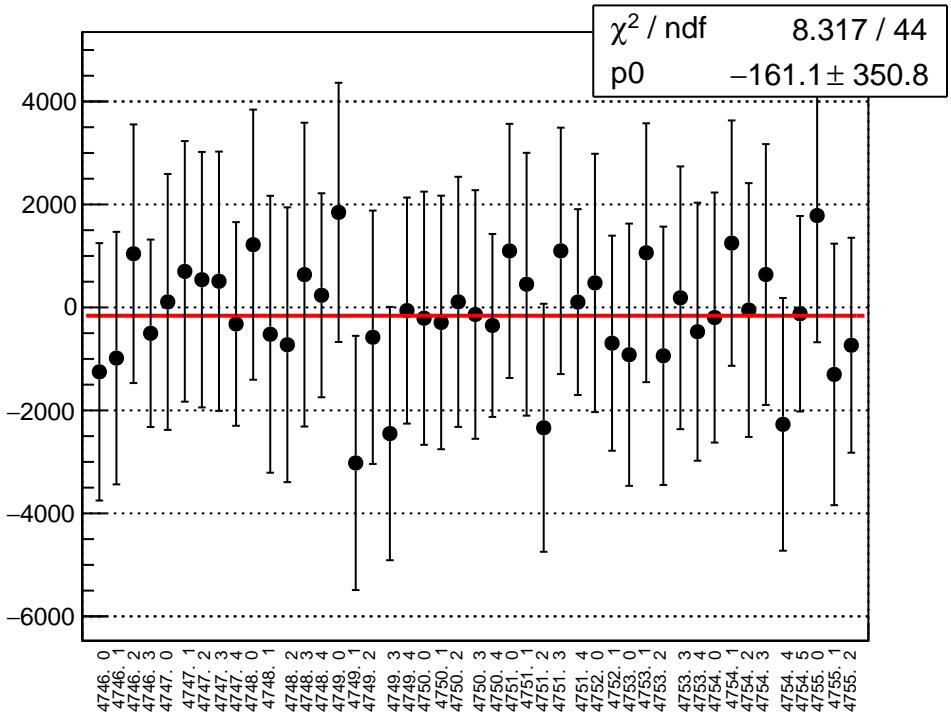
asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs run



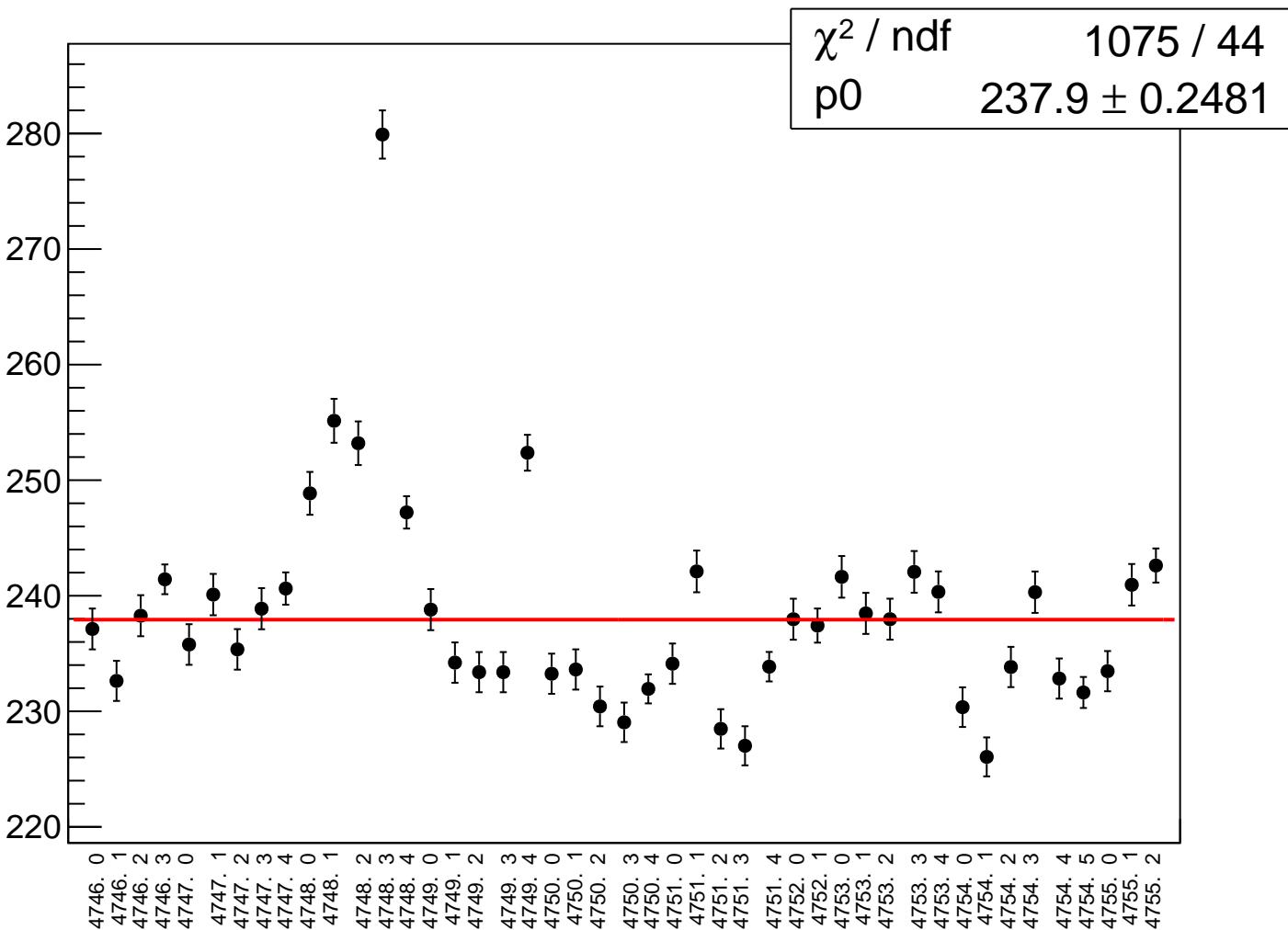
asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs run



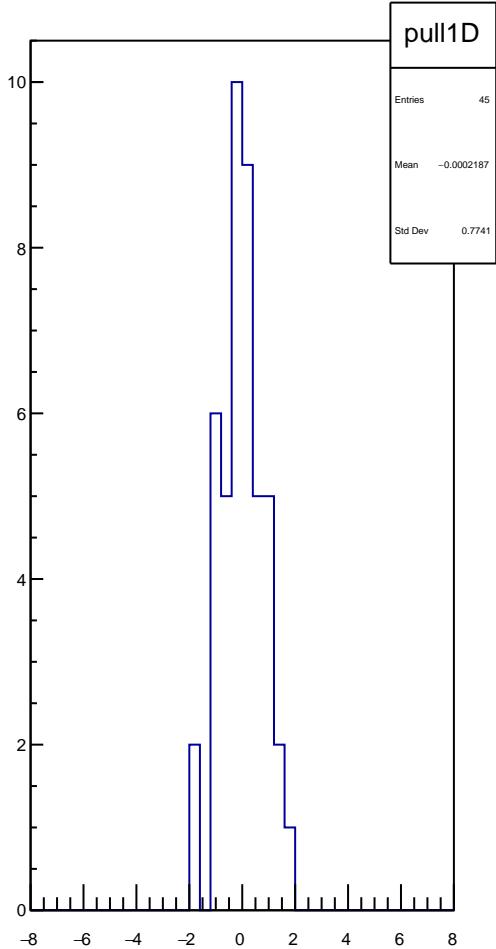
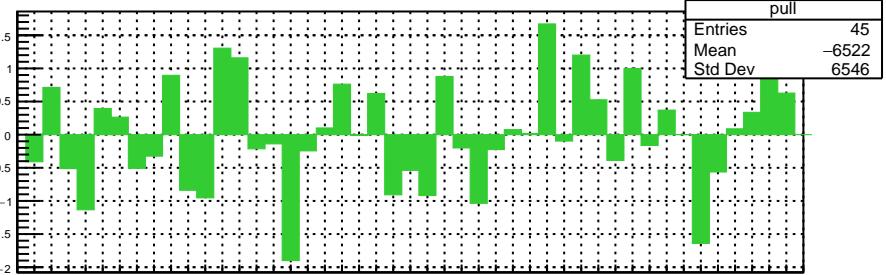
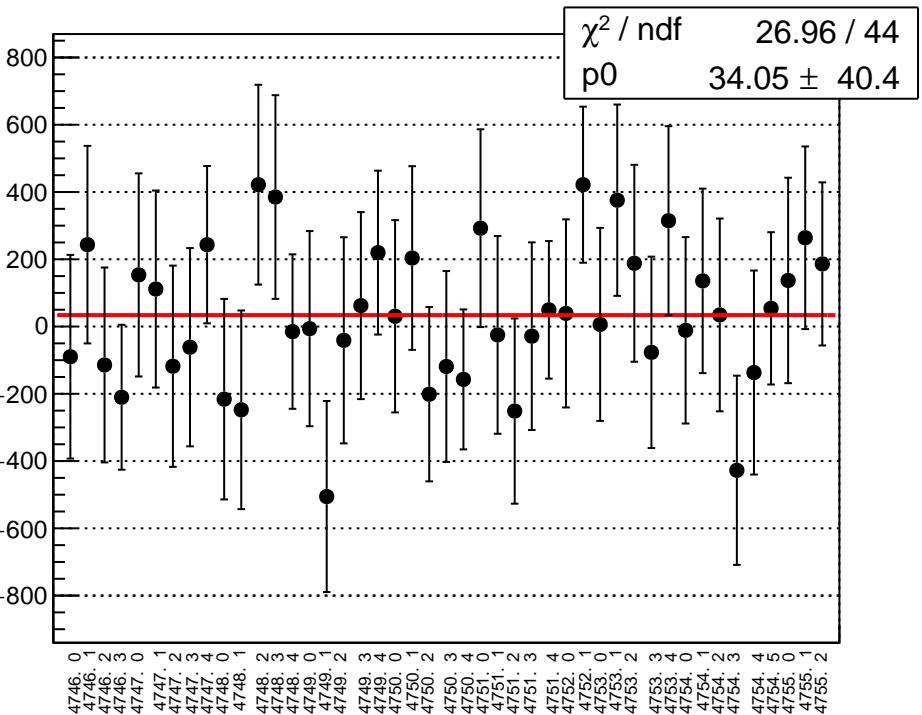
asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs run



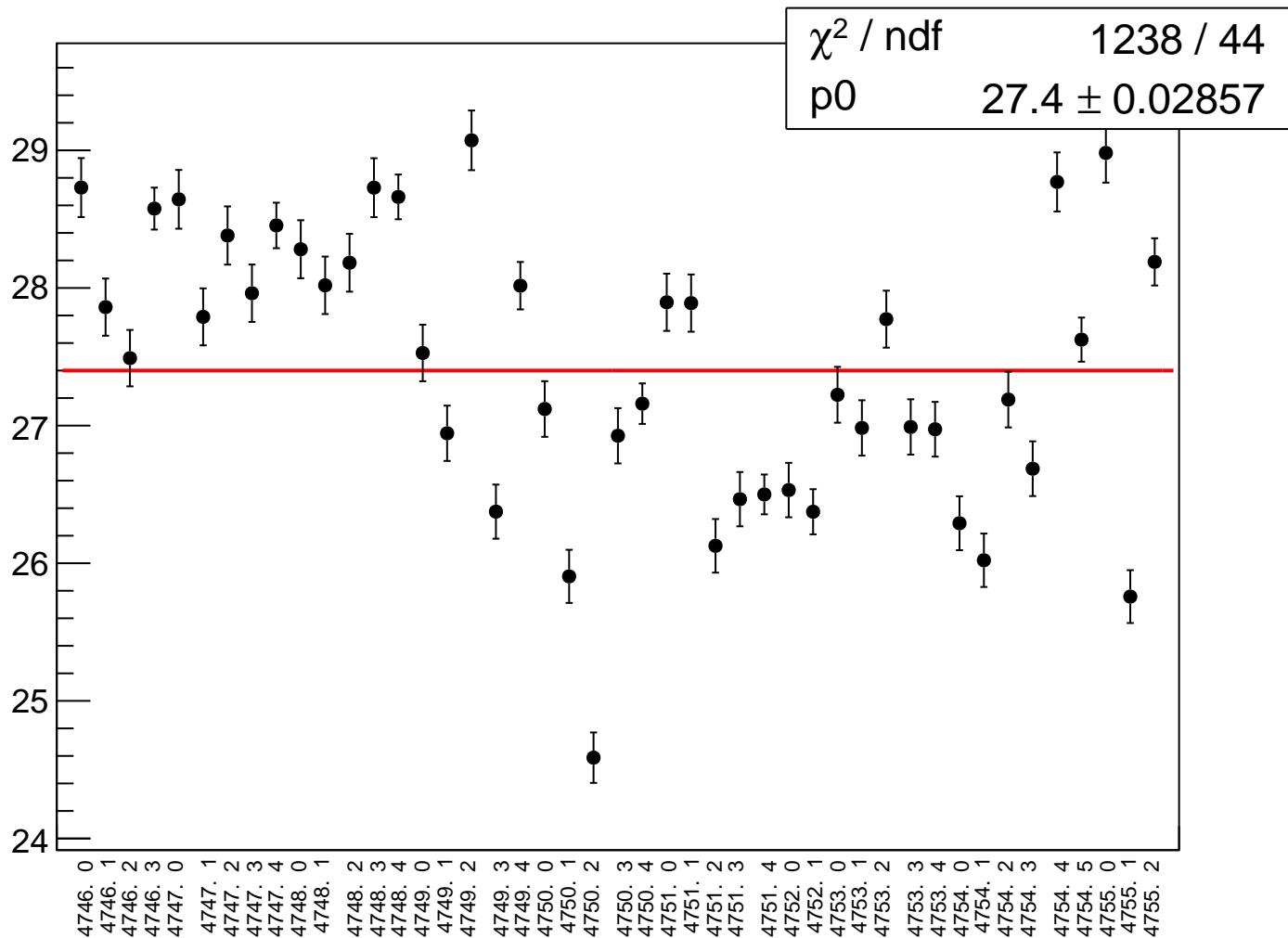
asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs run



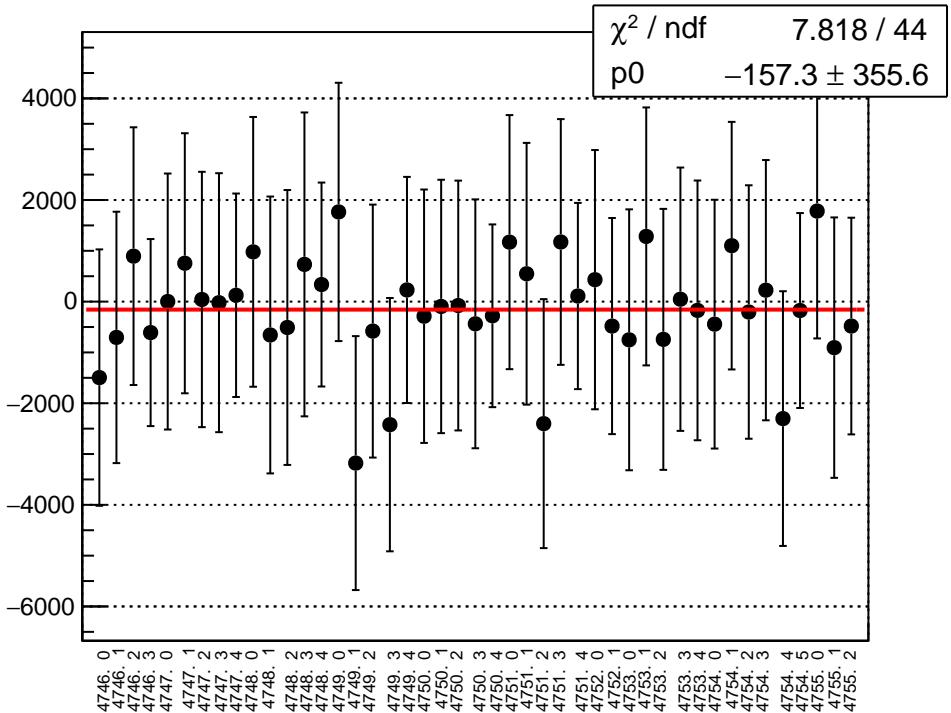
asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs run



asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs run

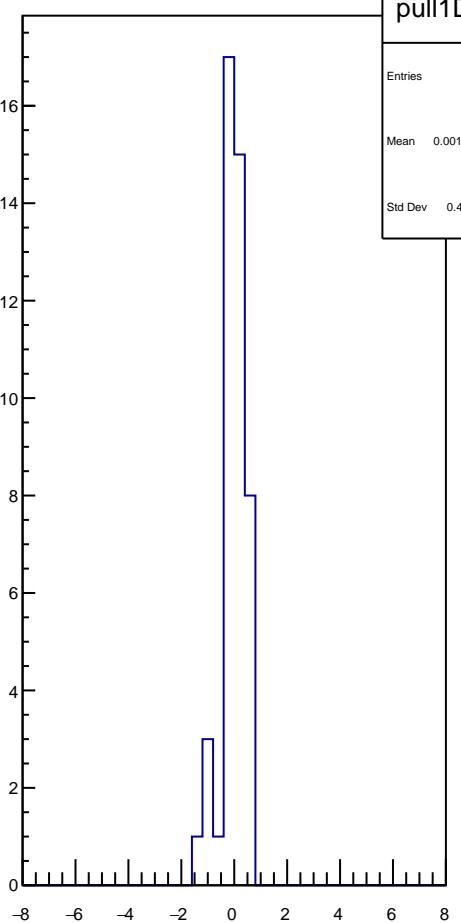
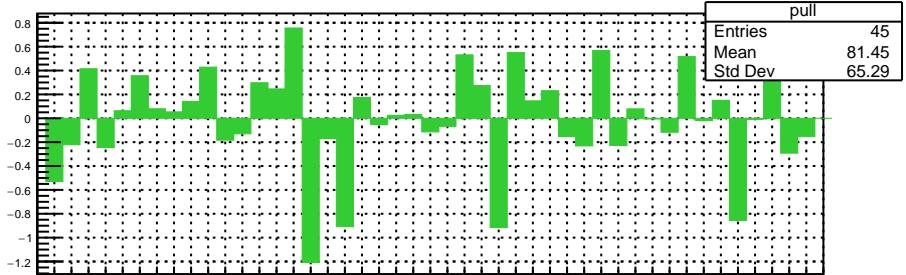


asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs run

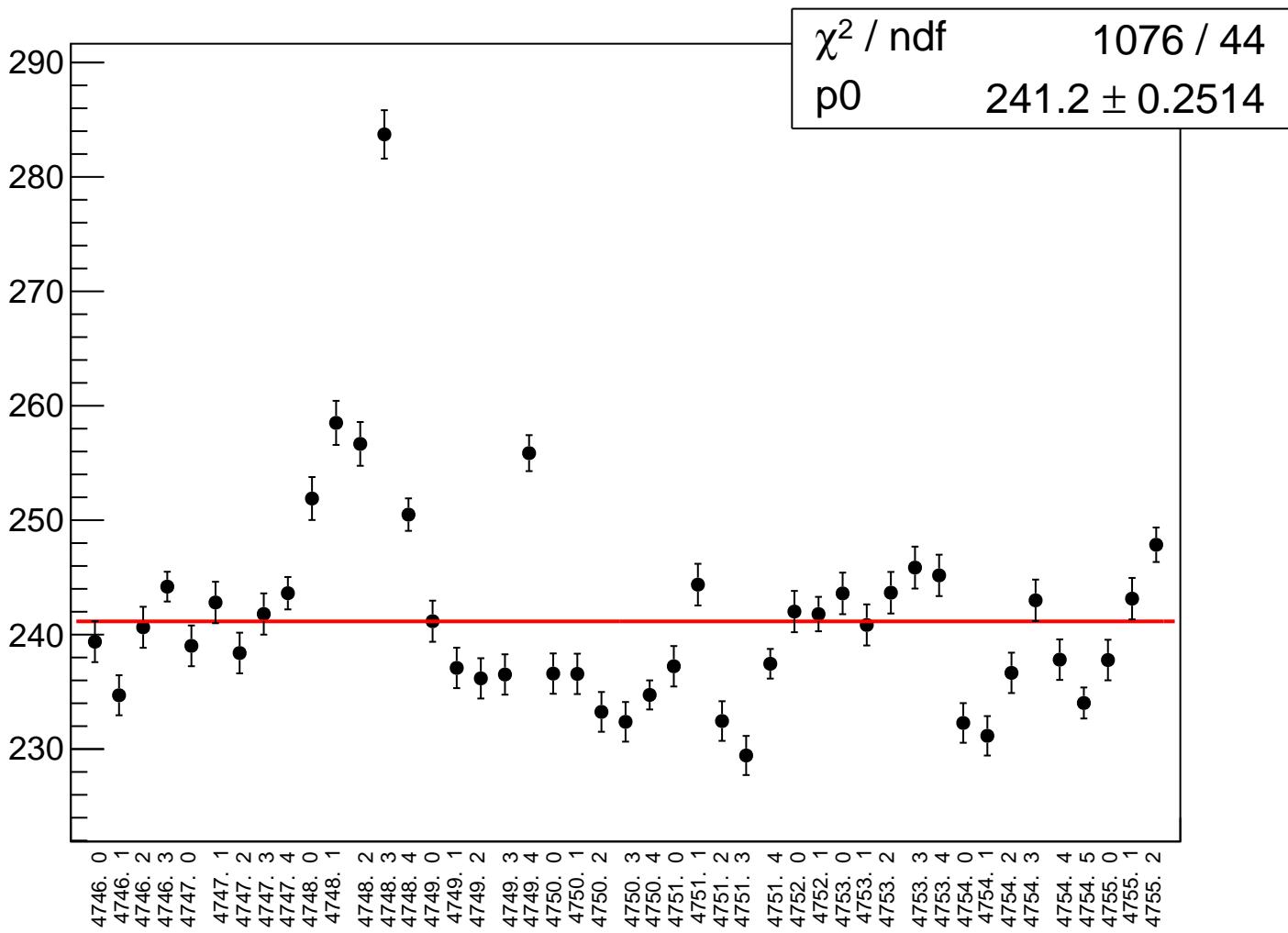


pull1D

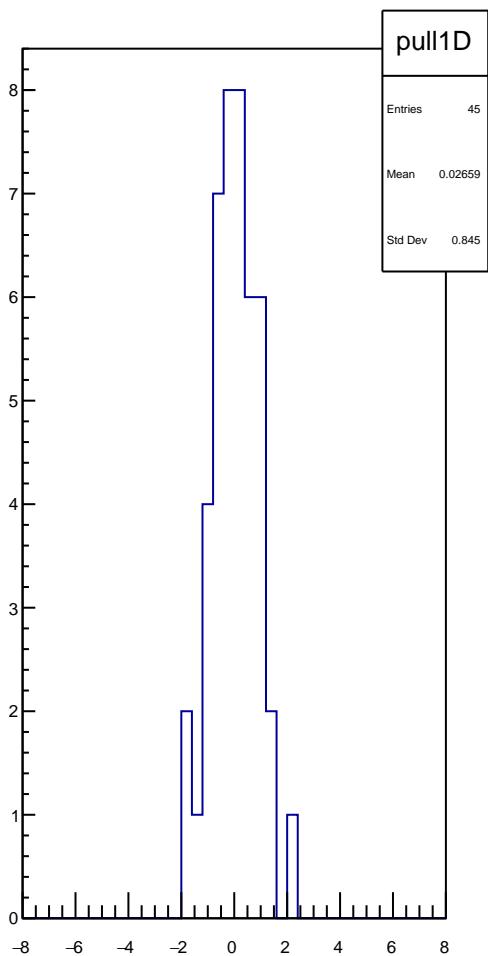
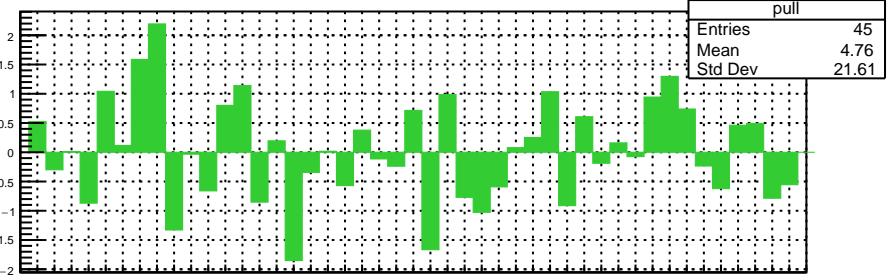
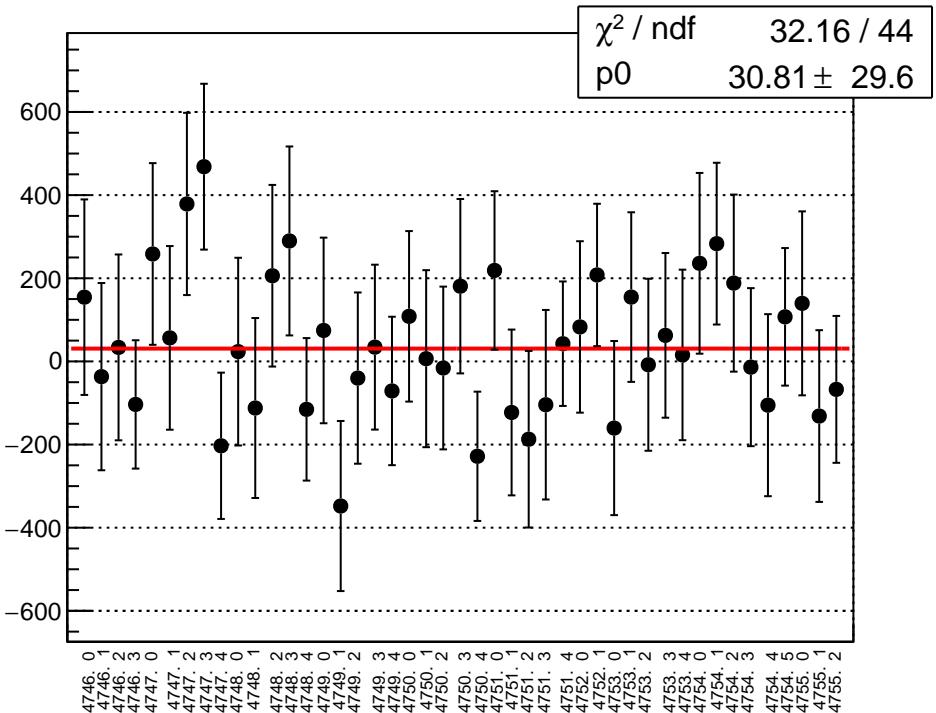
Entries 45
 Mean 0.001723
 Std Dev 0.4168



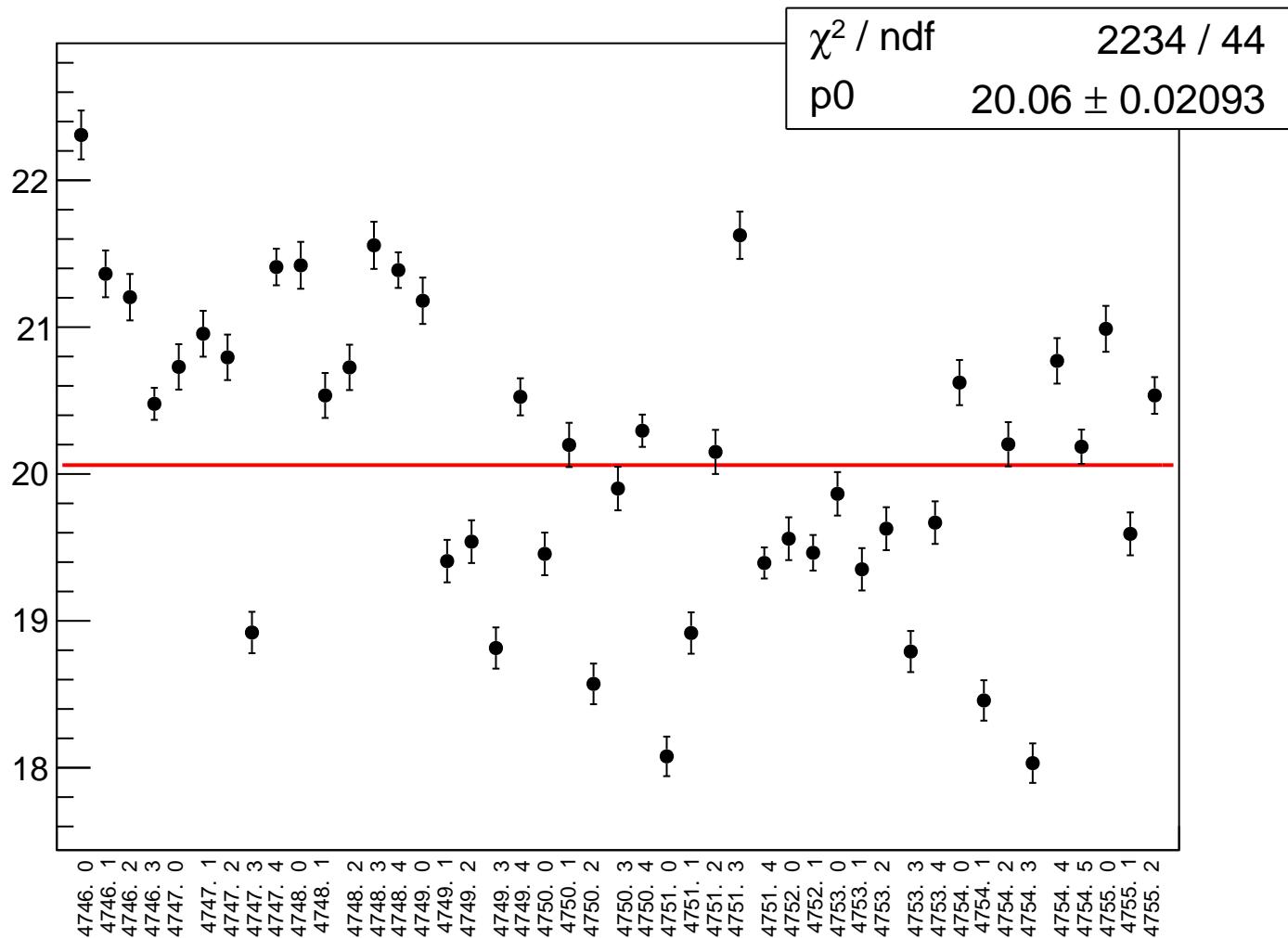
asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs run



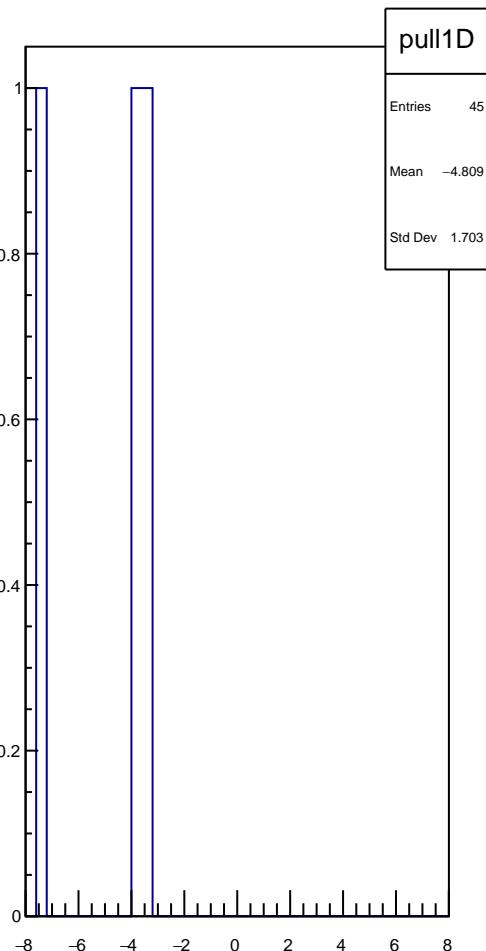
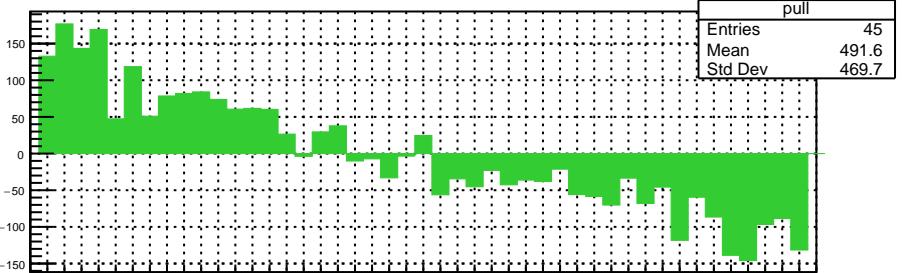
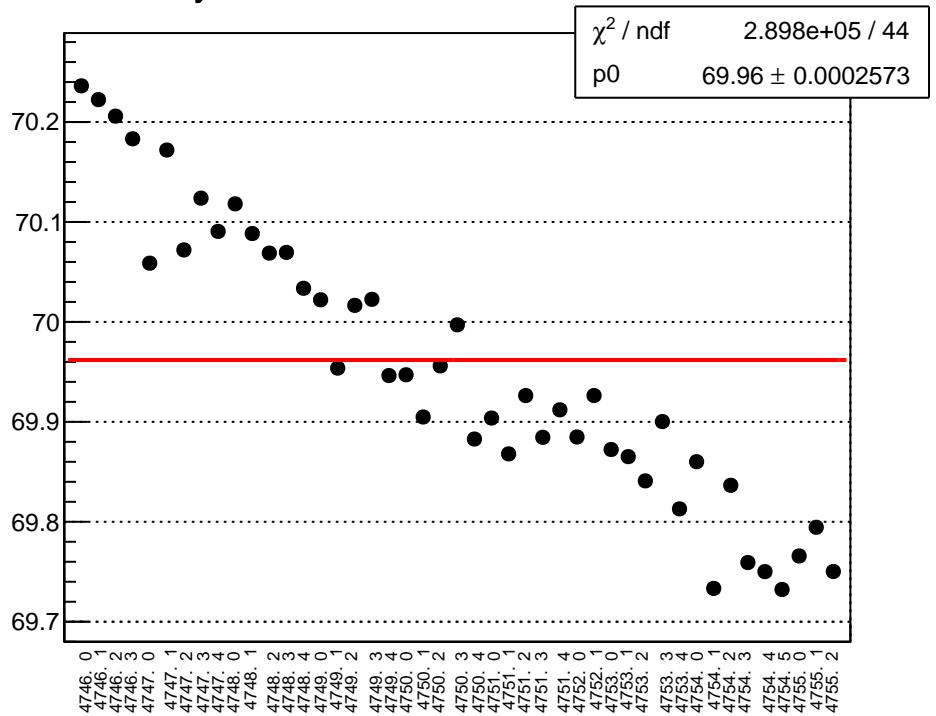
asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs run



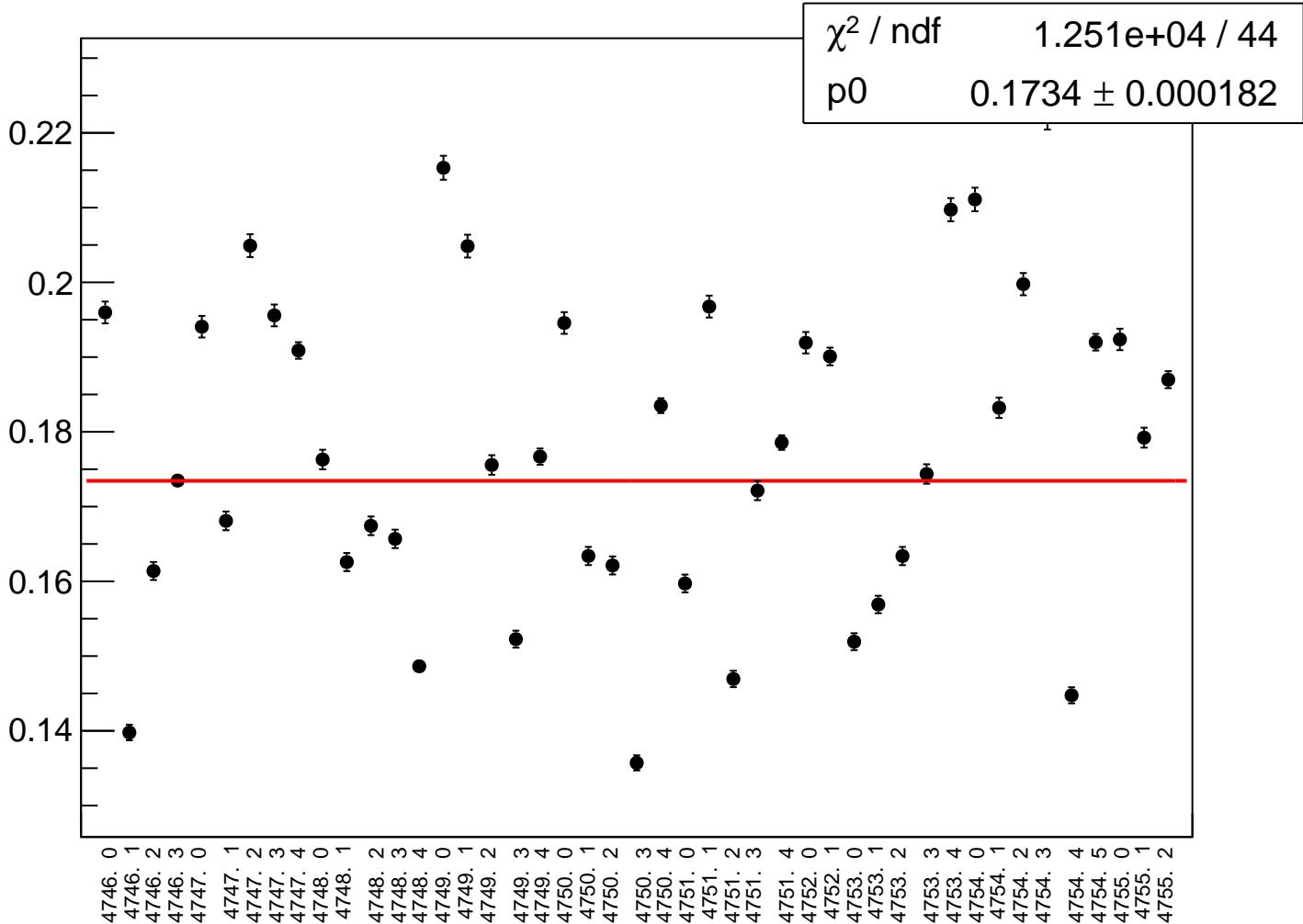
asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs run



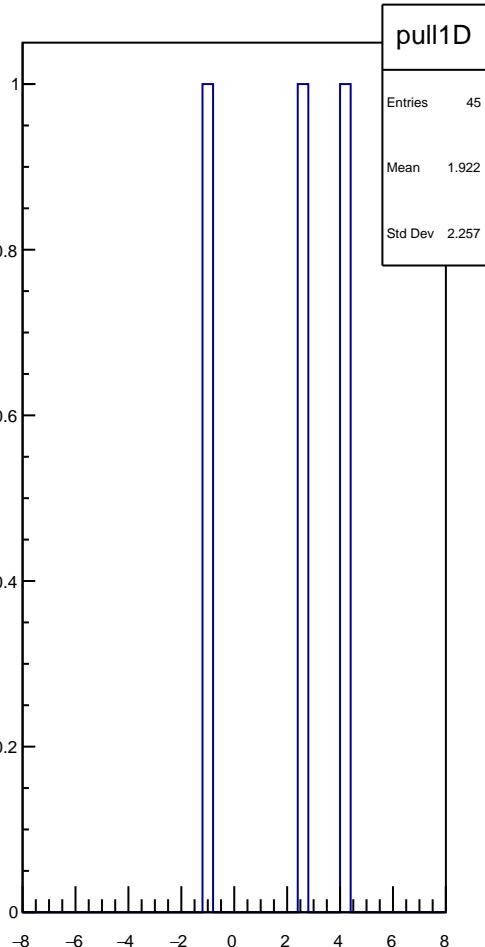
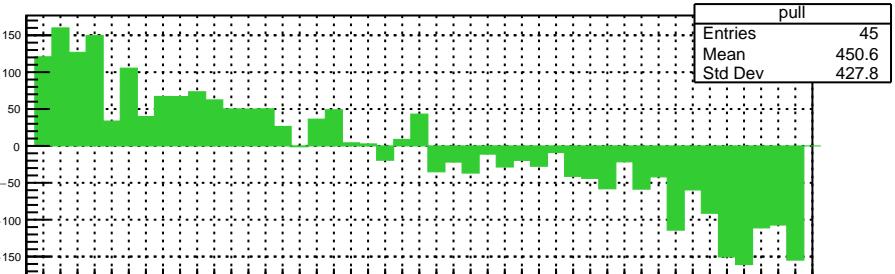
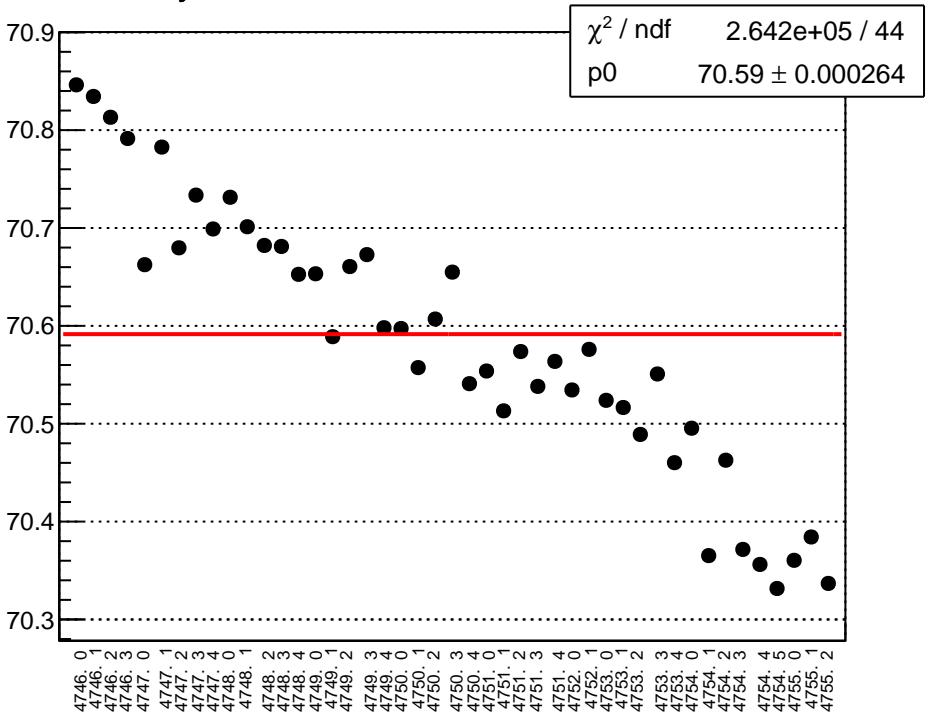
yield_bcm_an_ds_mean vs run



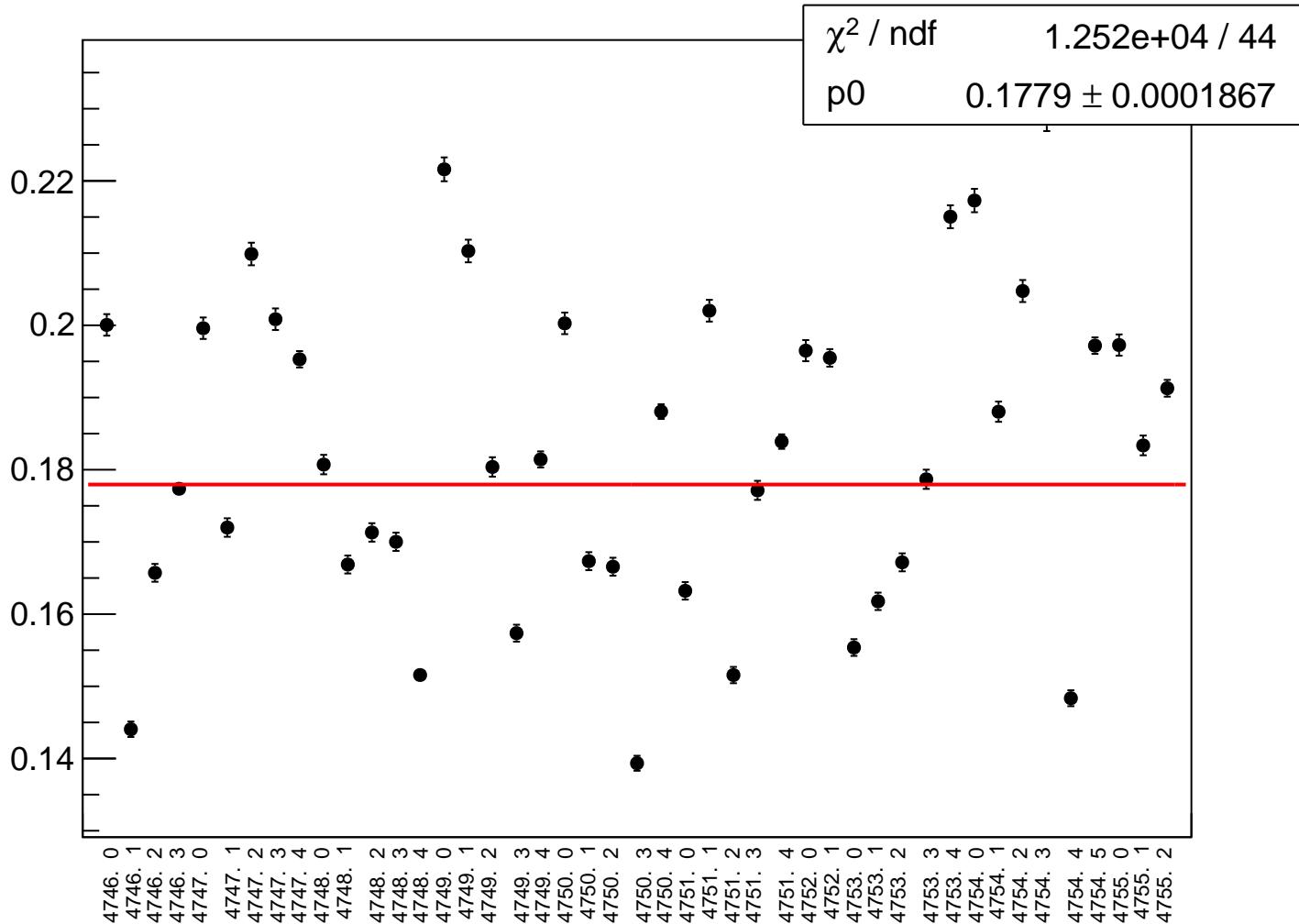
yield_bcm_an_ds_rms vs run



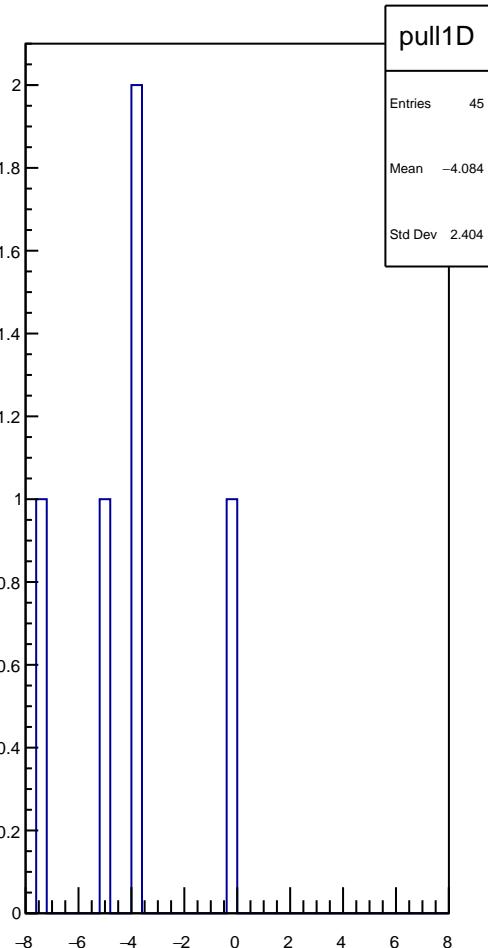
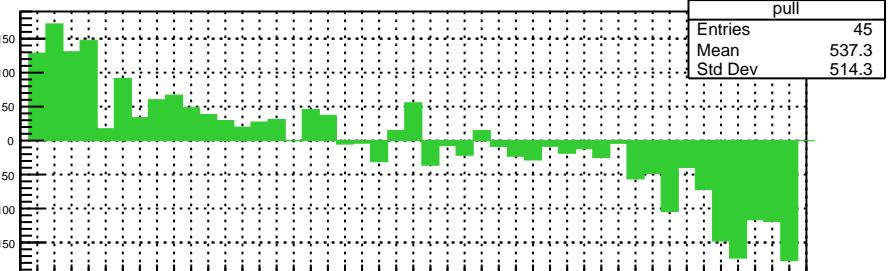
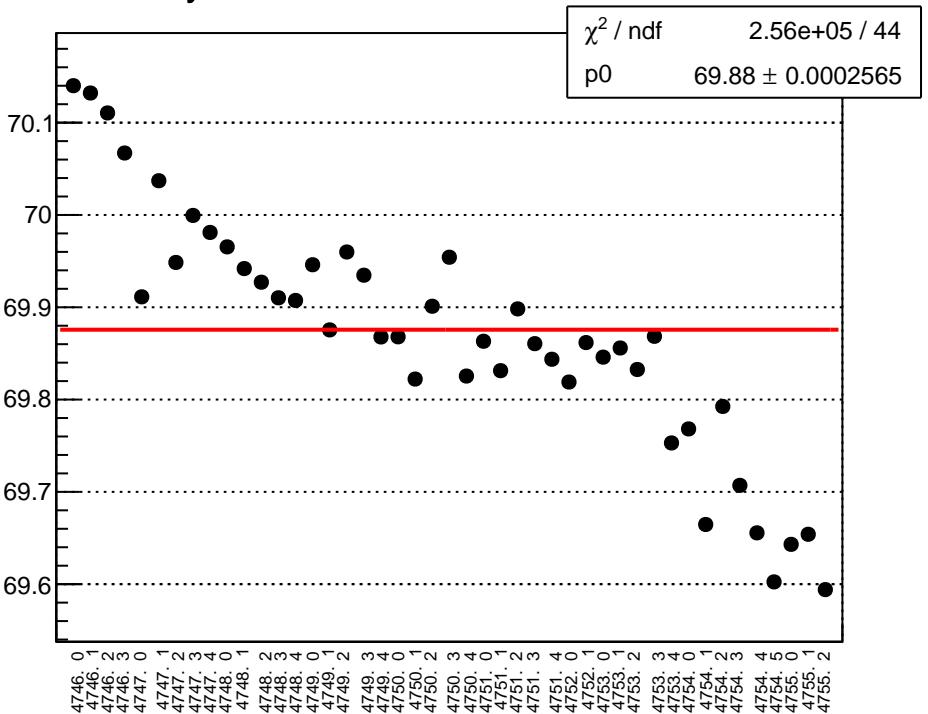
yield_bcm_an_ds3_mean vs run



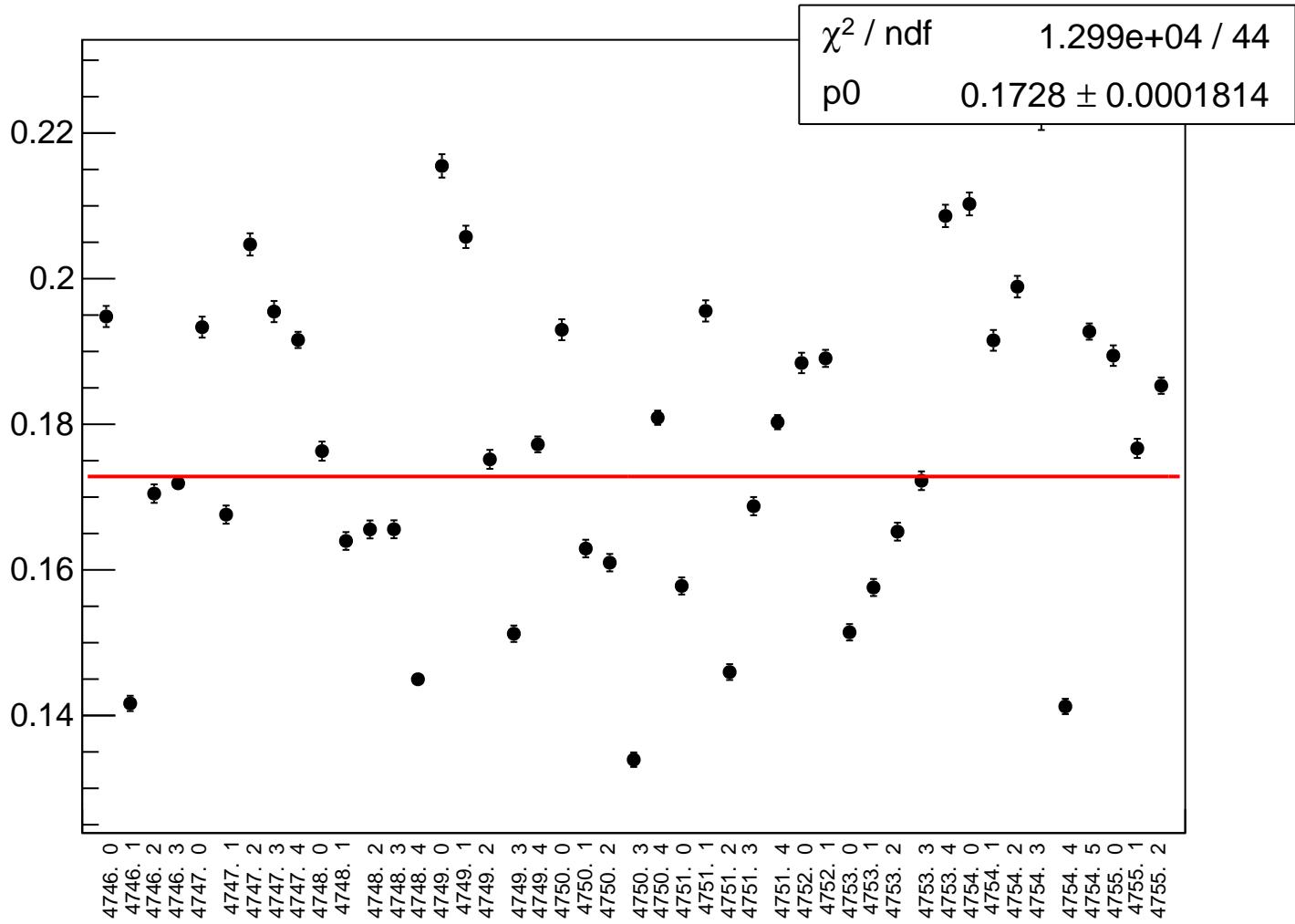
yield_bcm_an_ds3_rms vs run



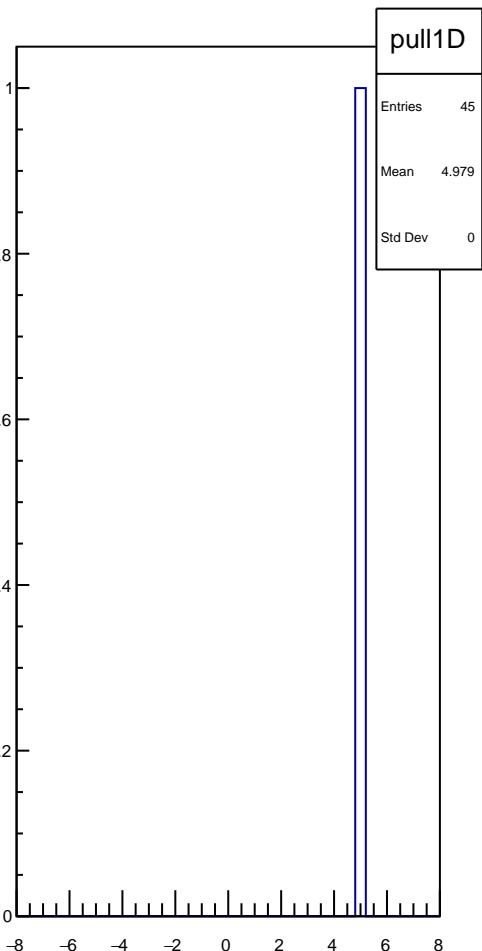
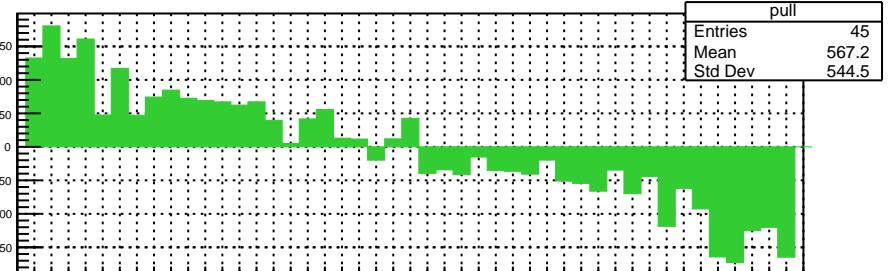
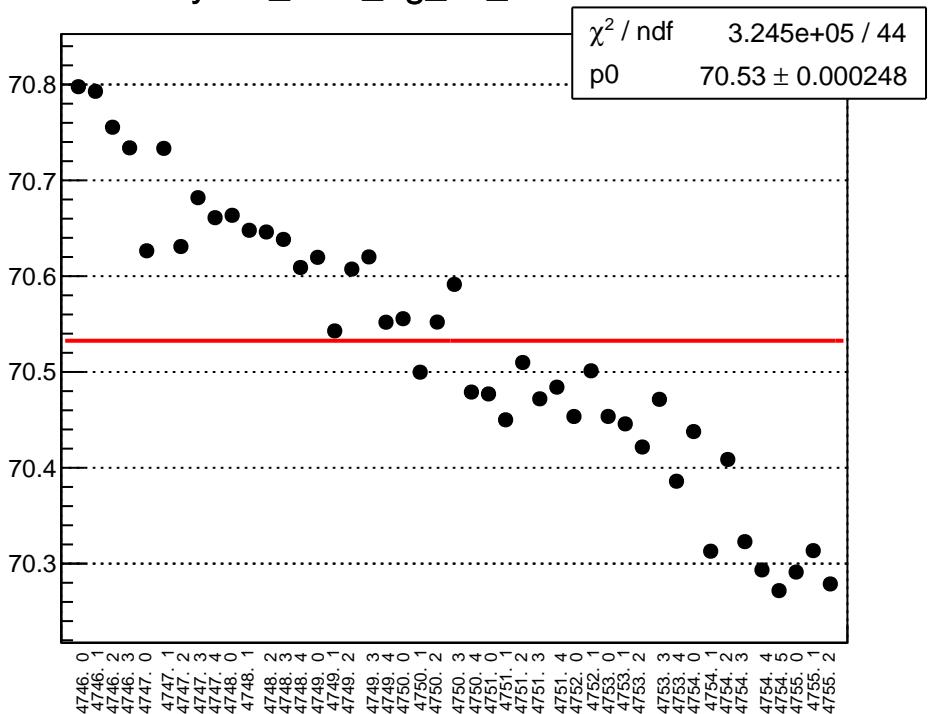
yield_bcm_an_us_mean vs run



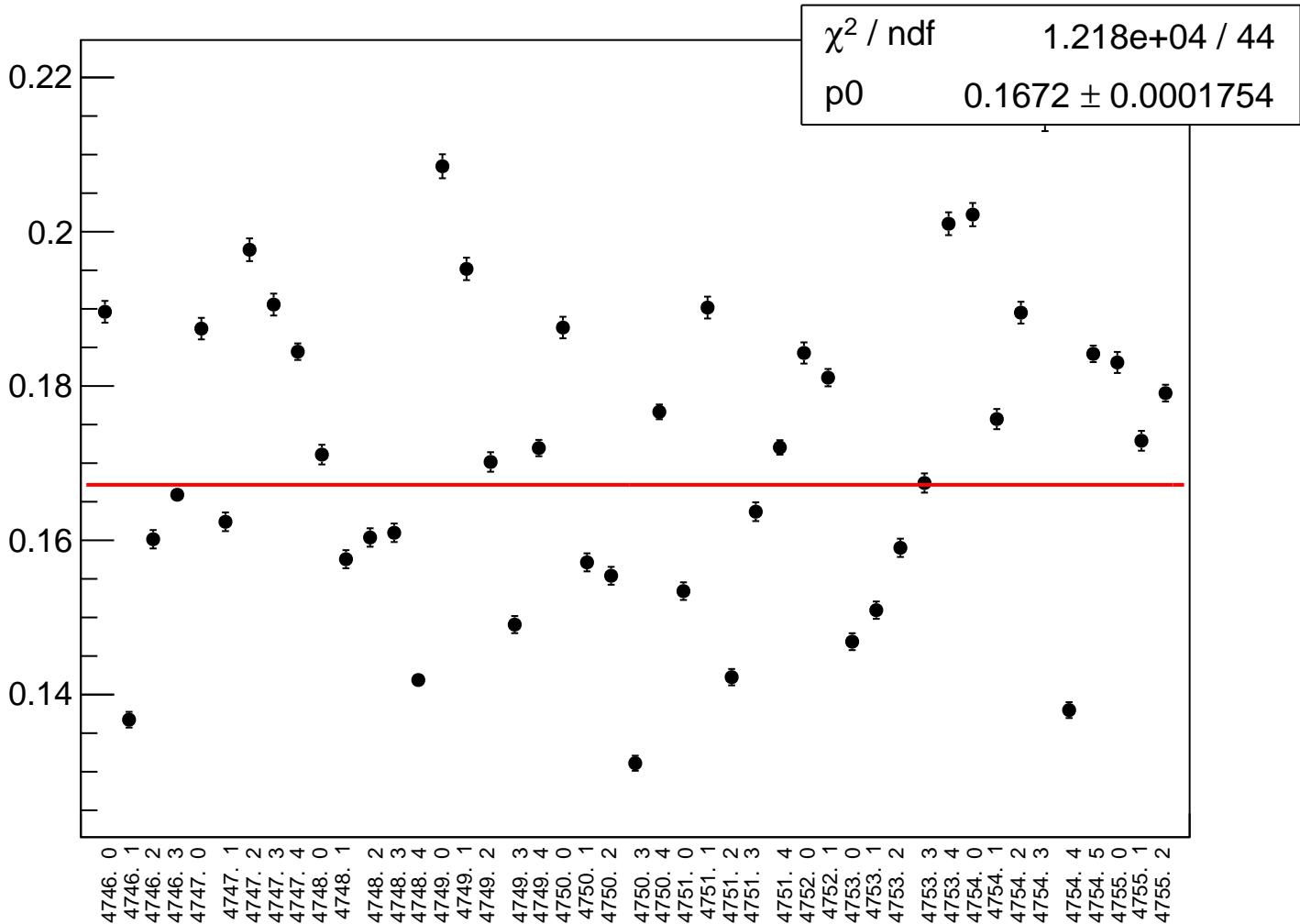
yield_bcm_an_us_rms vs run



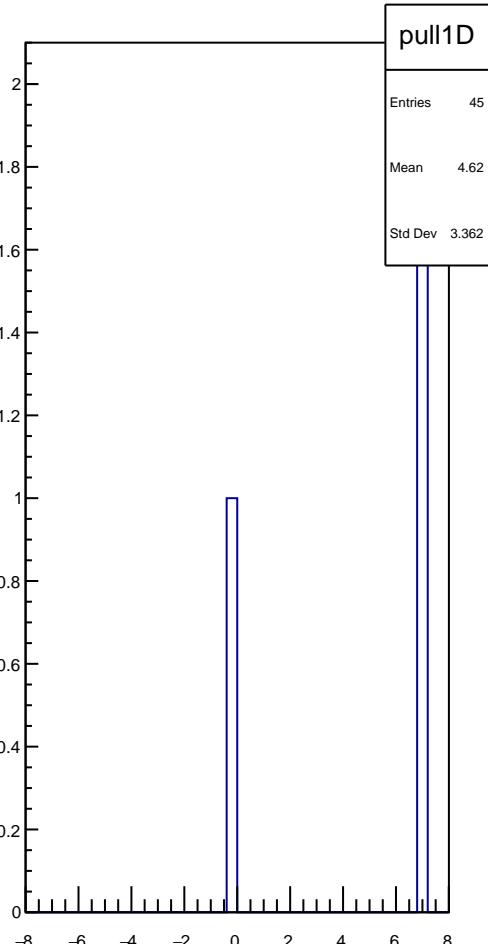
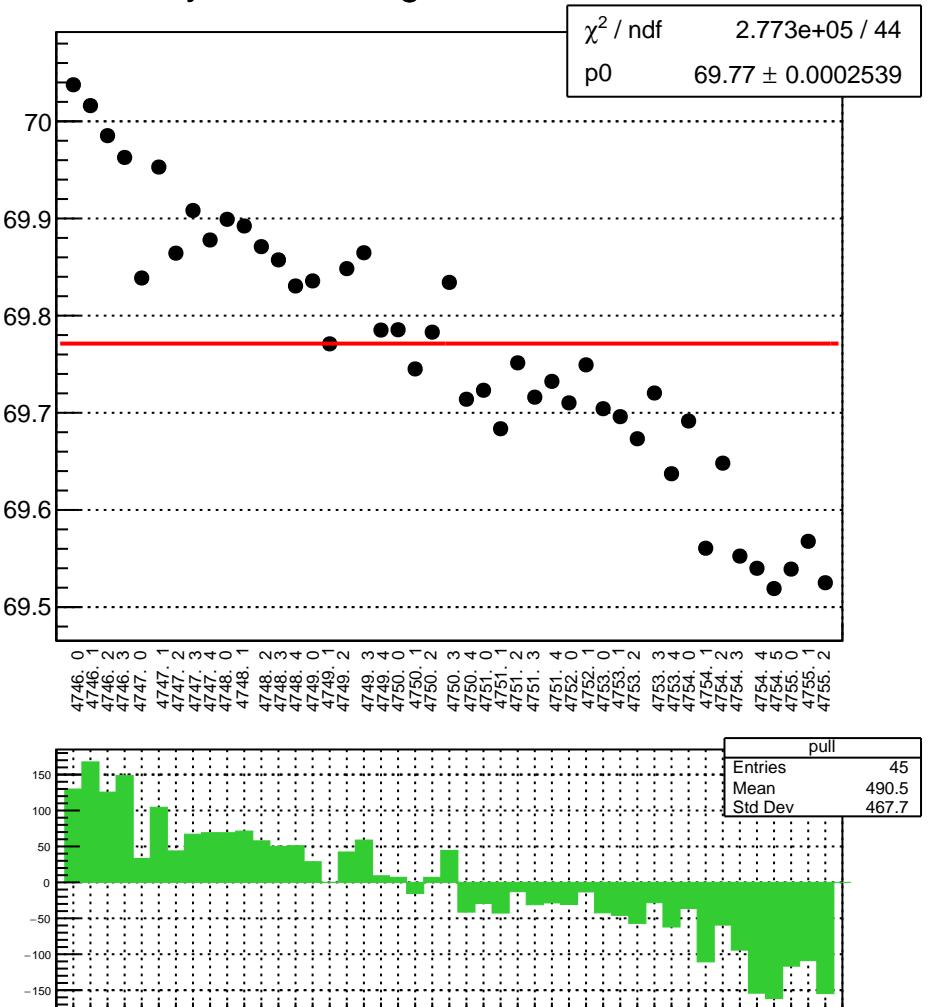
yield_bcm_dg_us_mean vs run



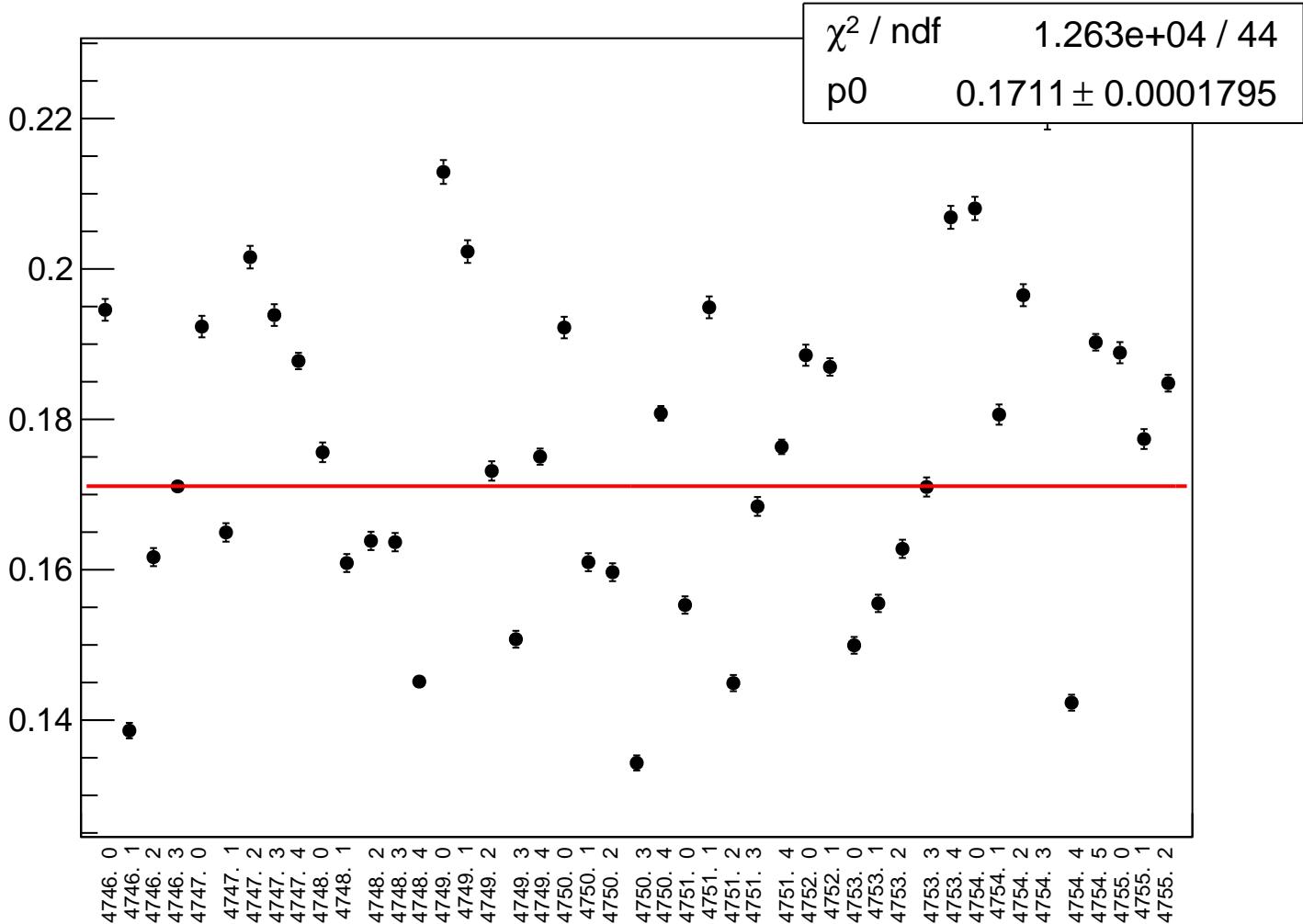
yield_bcm_dg_us_rms vs run



yield_bcm_dg_ds_mean vs run

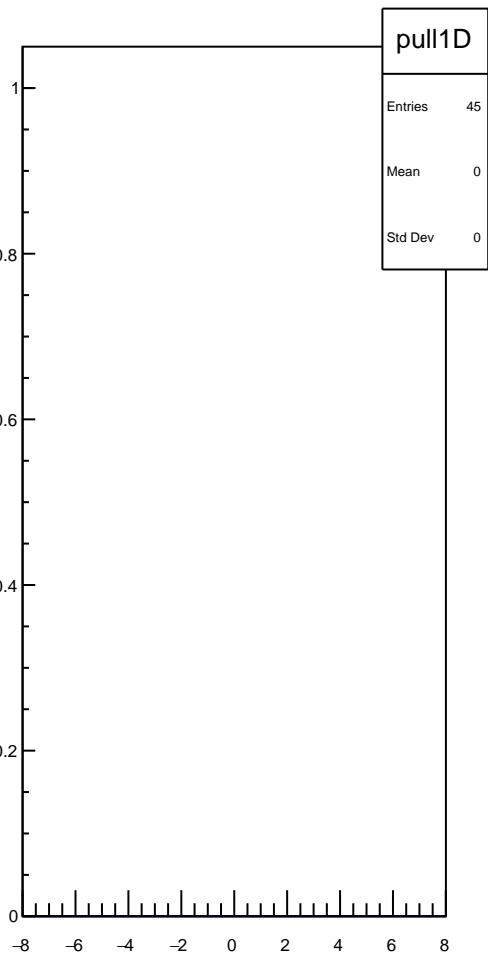
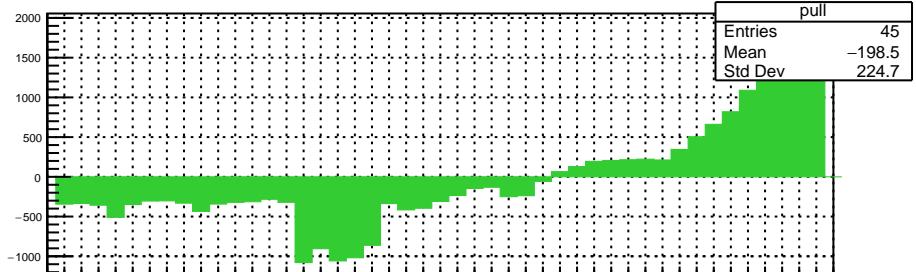
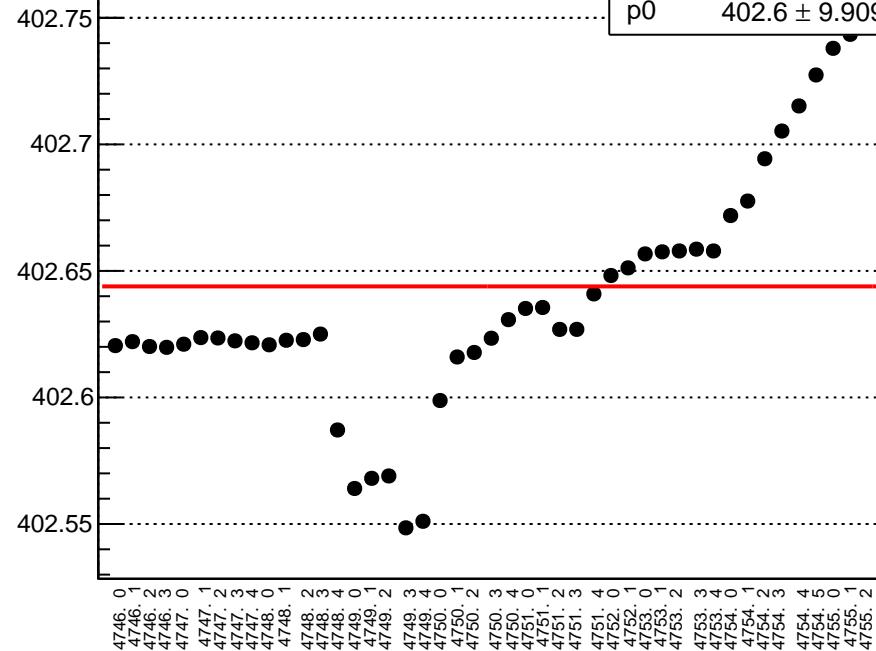


yield_bcm_dg_ds_rms vs run

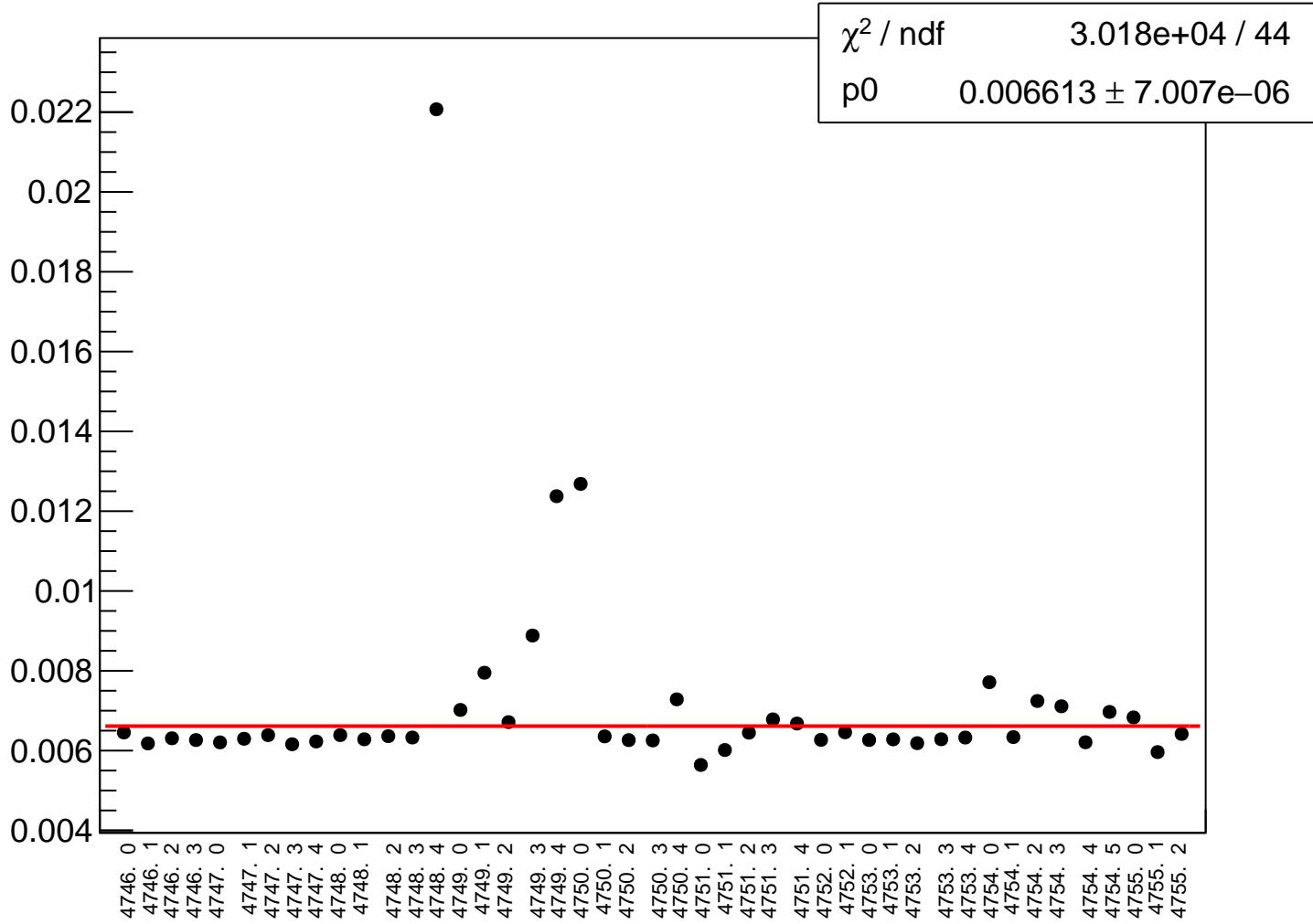


yield_cav4bQ_mean vs run

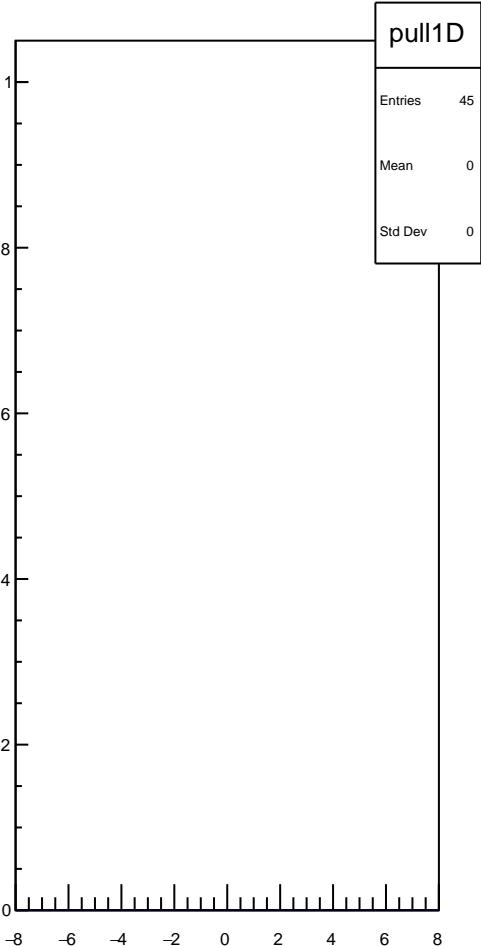
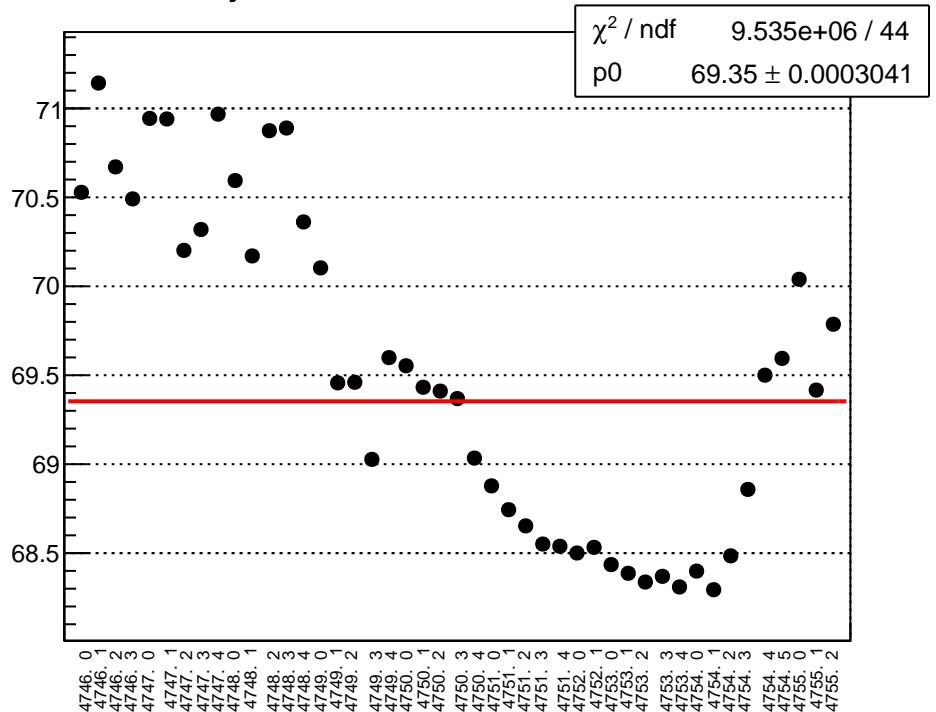
χ^2 / ndf 2.024e+07 / 44
p0 $402.6 \pm 9.909\text{e}{-06}$



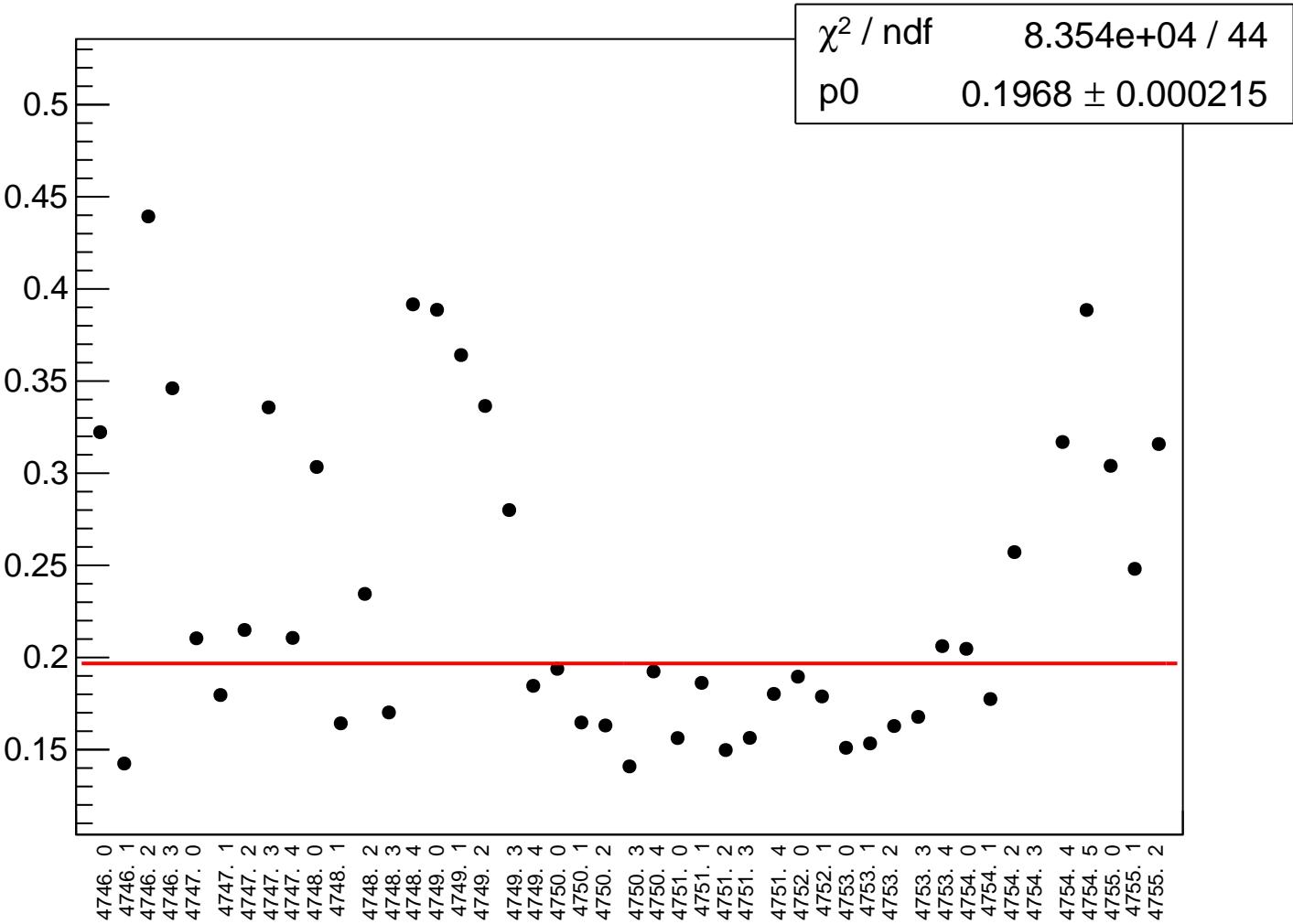
yield_cav4bQ_rms vs run



yield_cav4cQ_mean vs run

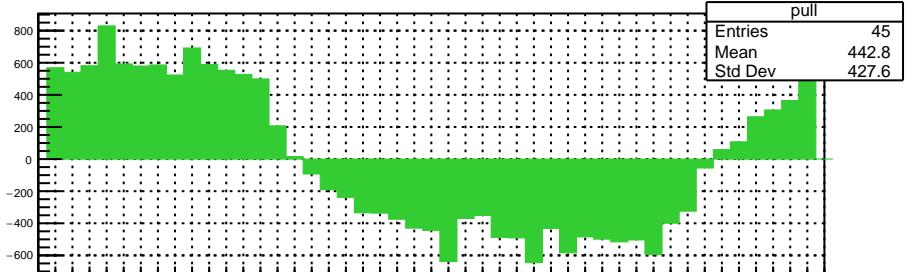
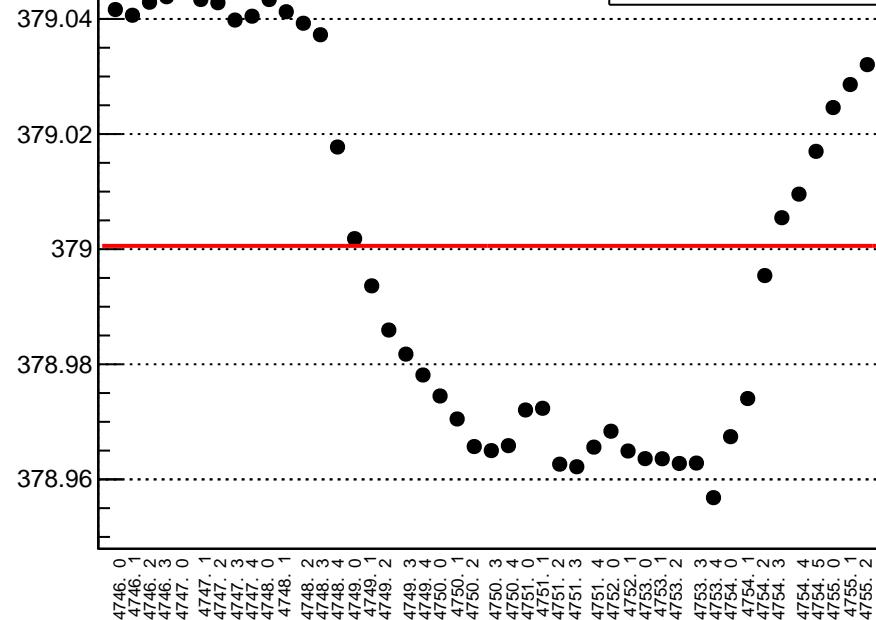


yield_cav4cQ_rms vs run



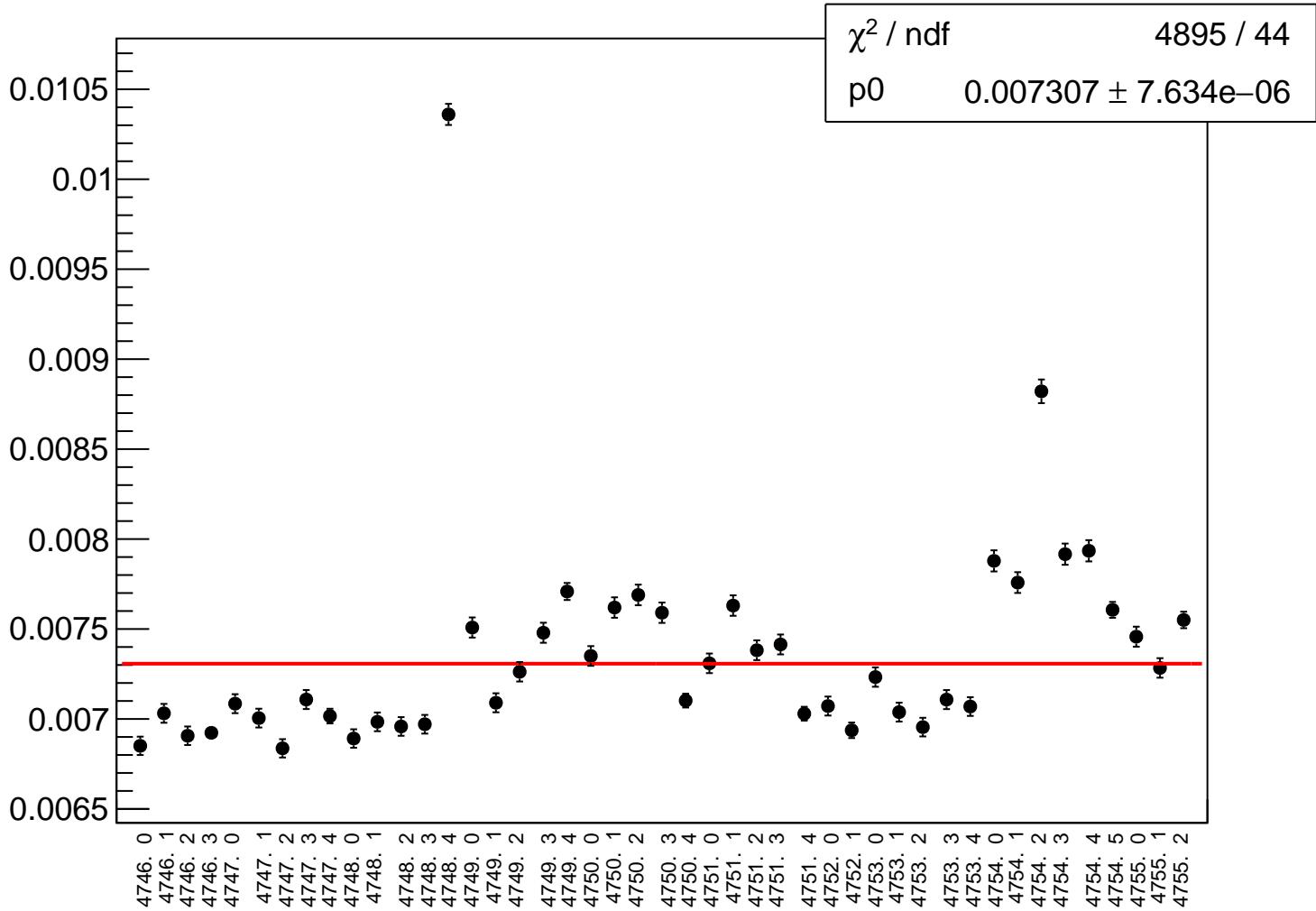


χ^2 / ndf 9.757e+06 / 44
 p_0 $379 \pm 1.08\text{e}{-}05$

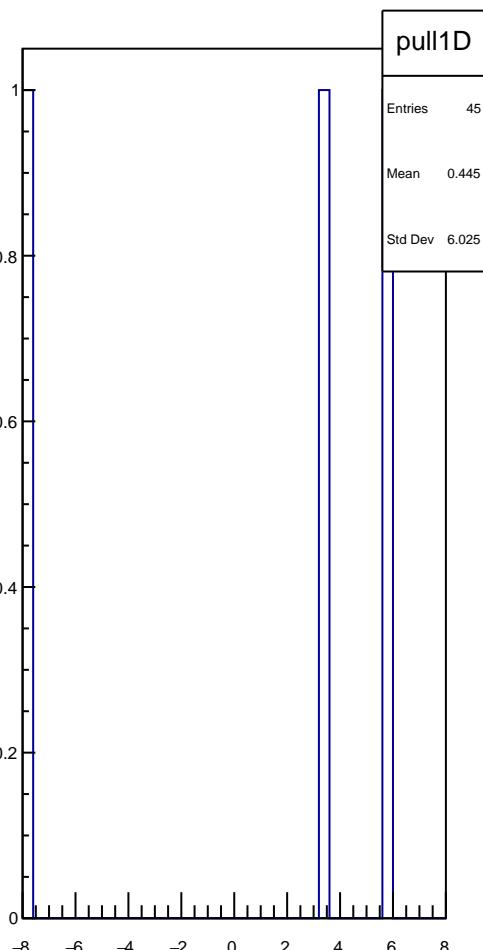
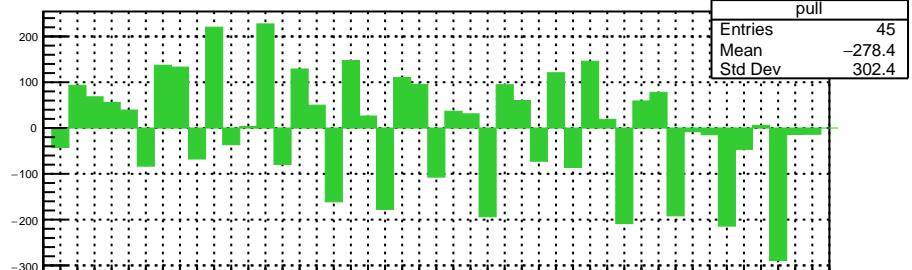
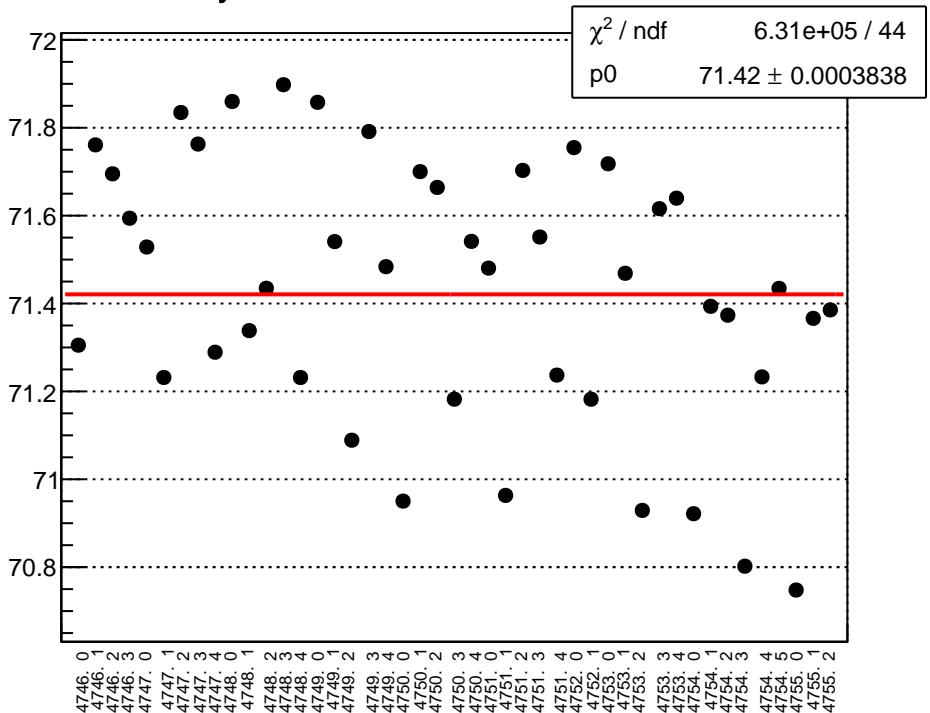


pull1D
Entries 45
Mean 0
Std Dev 0

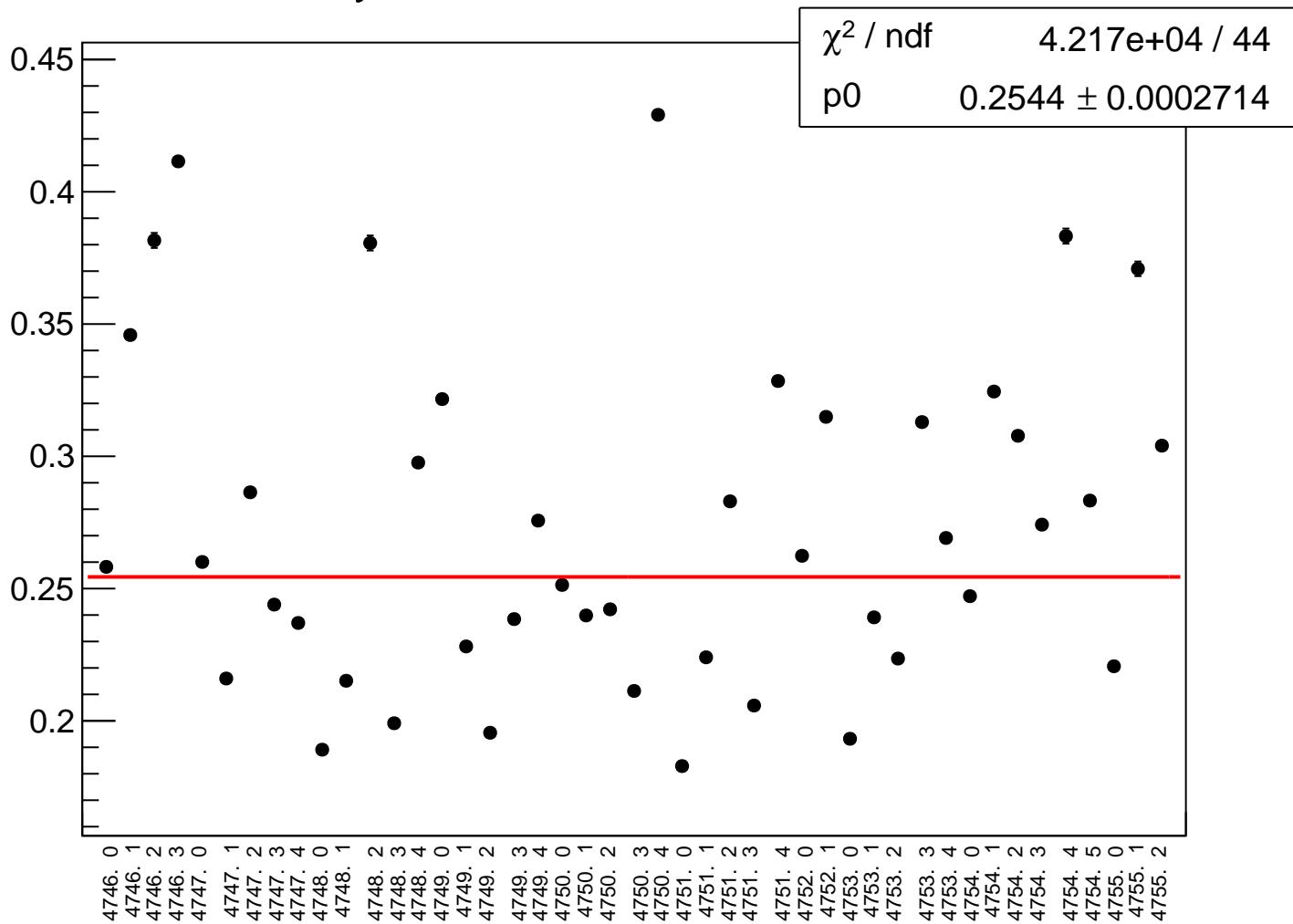
yield_cav4dQ_rms vs run



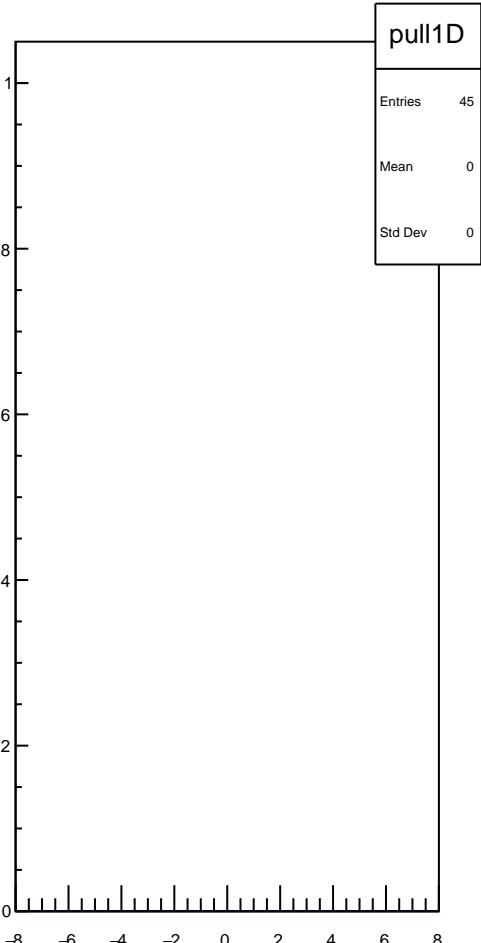
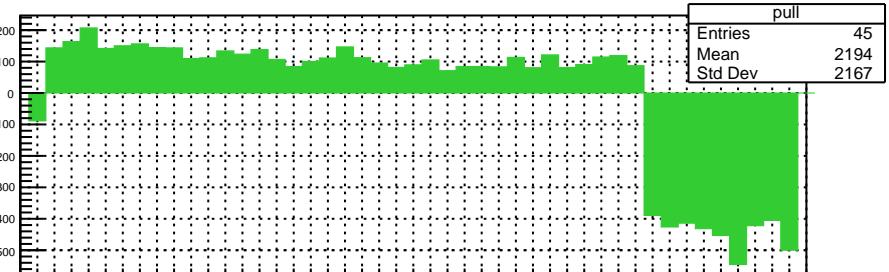
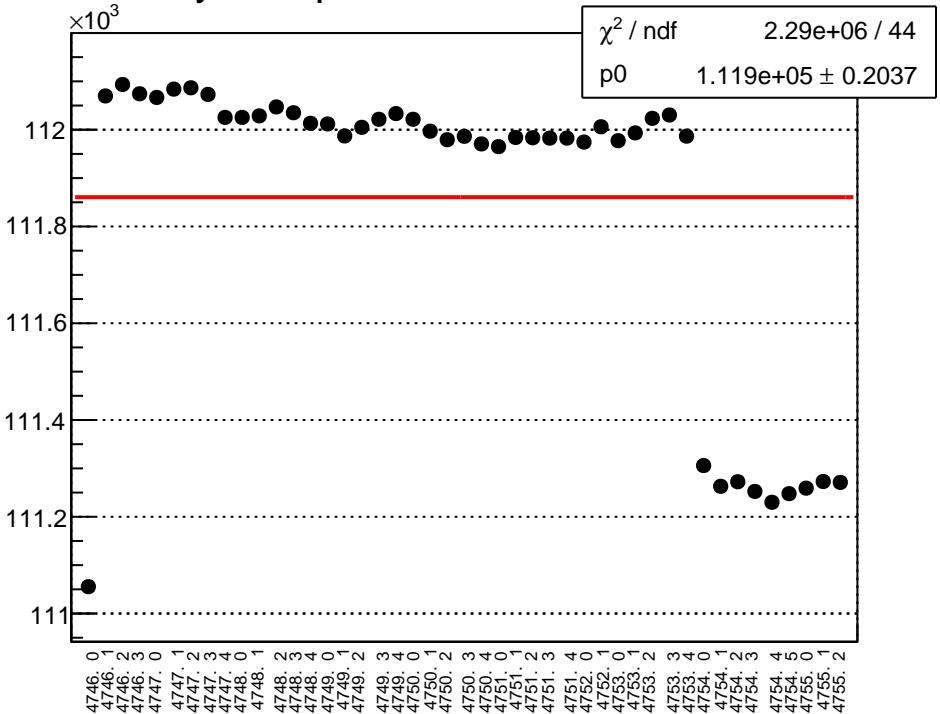
yield_bcm0l02_mean vs run



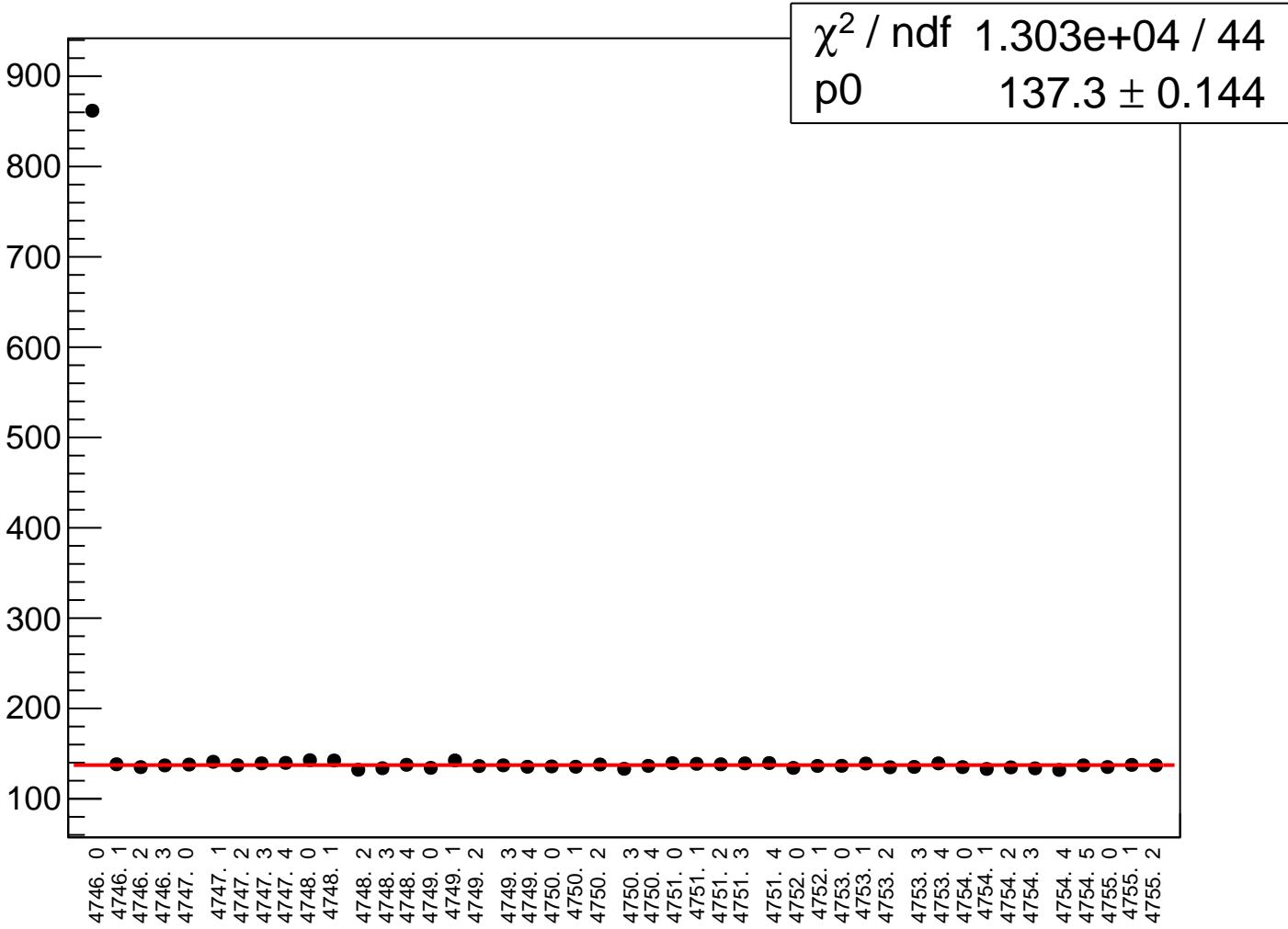
yield_bcm0l02_rms vs run



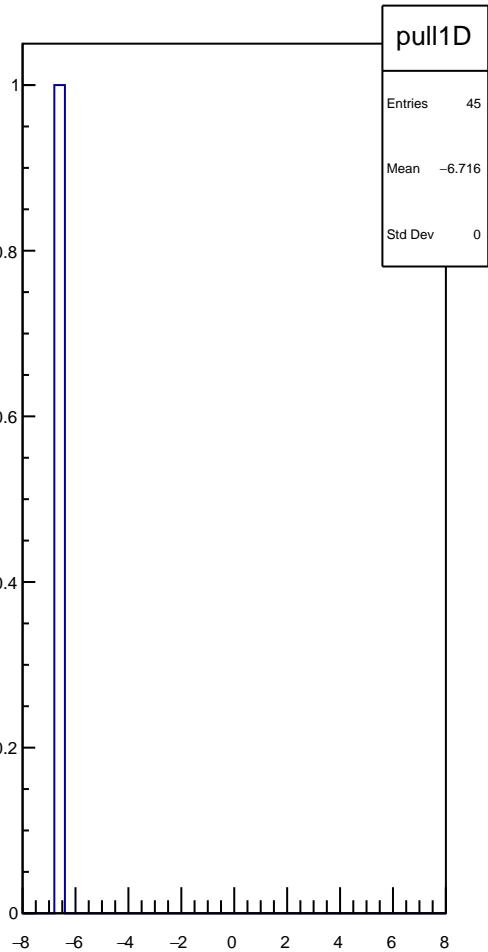
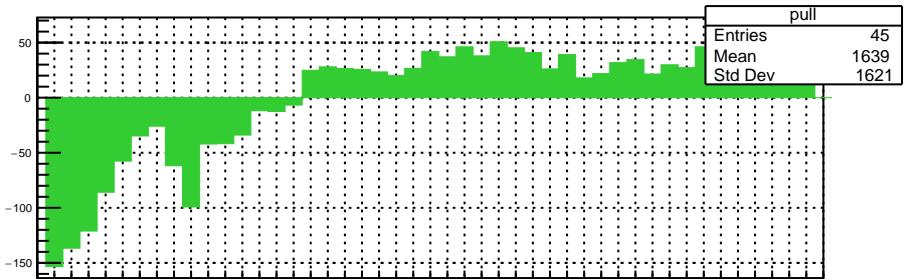
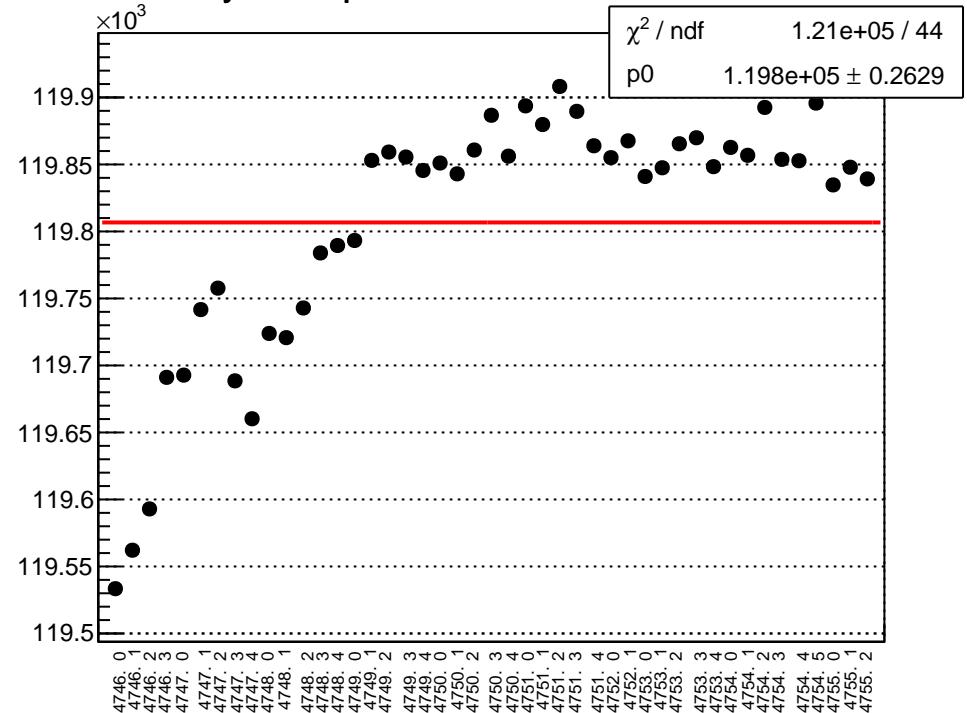
yield_bpm2i01WS_mean vs run



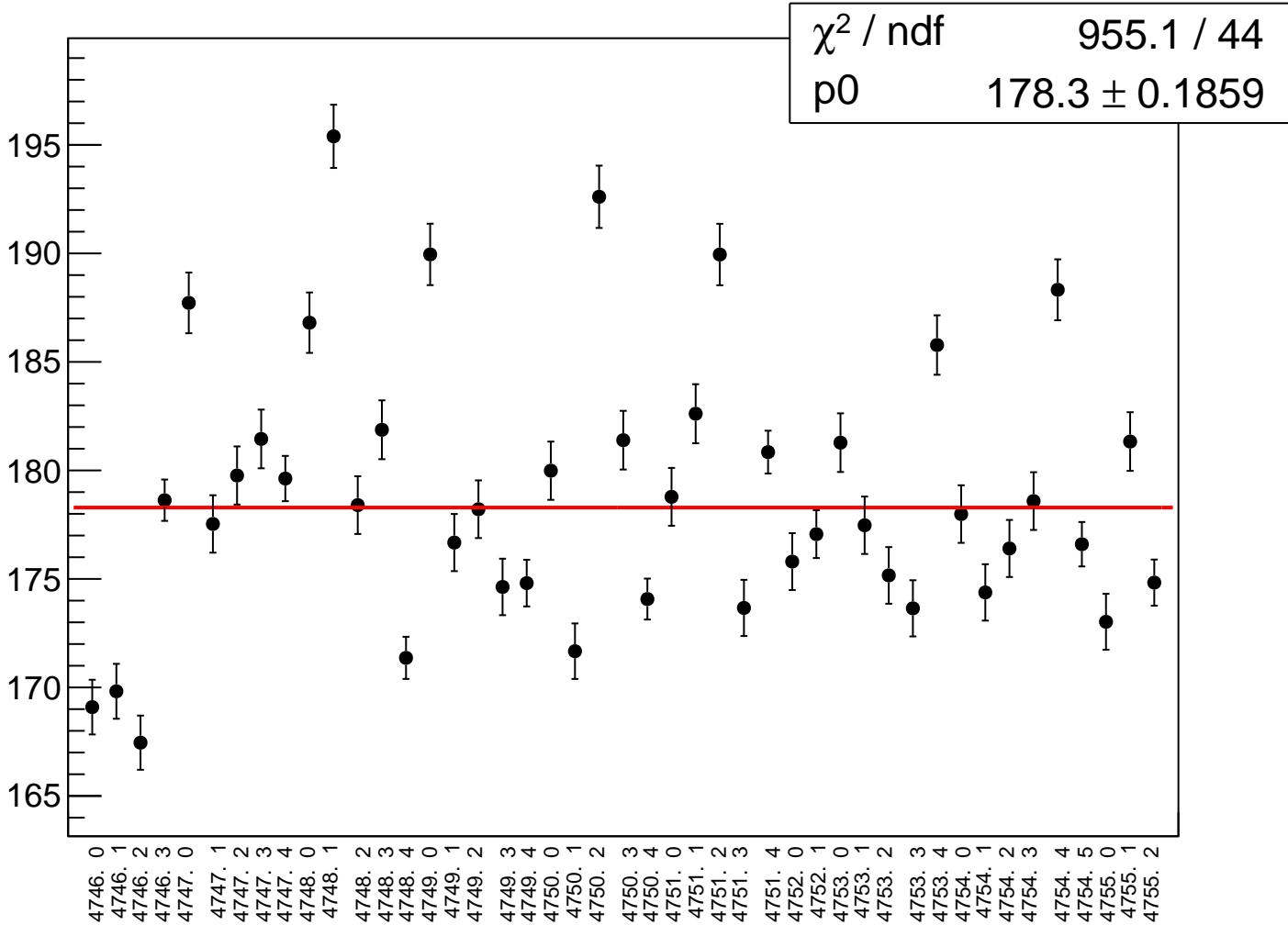
yield_bpm2i01WS_rms vs run



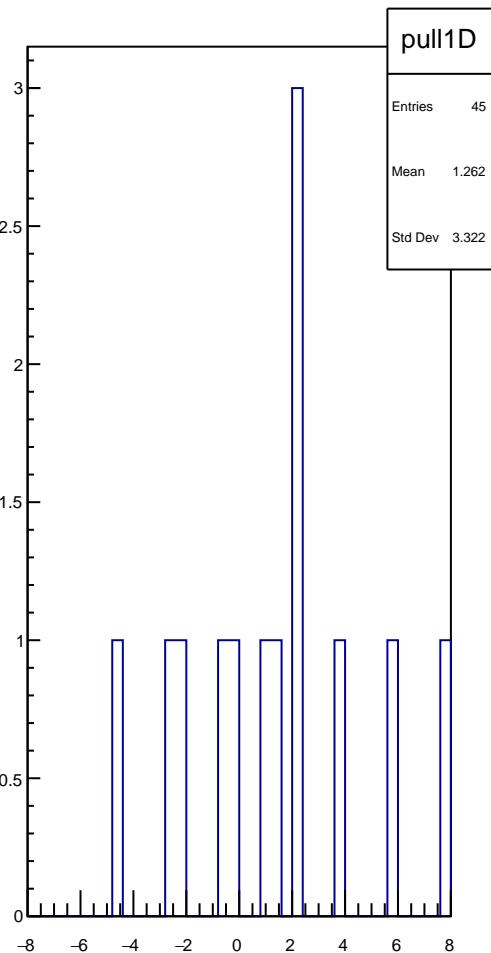
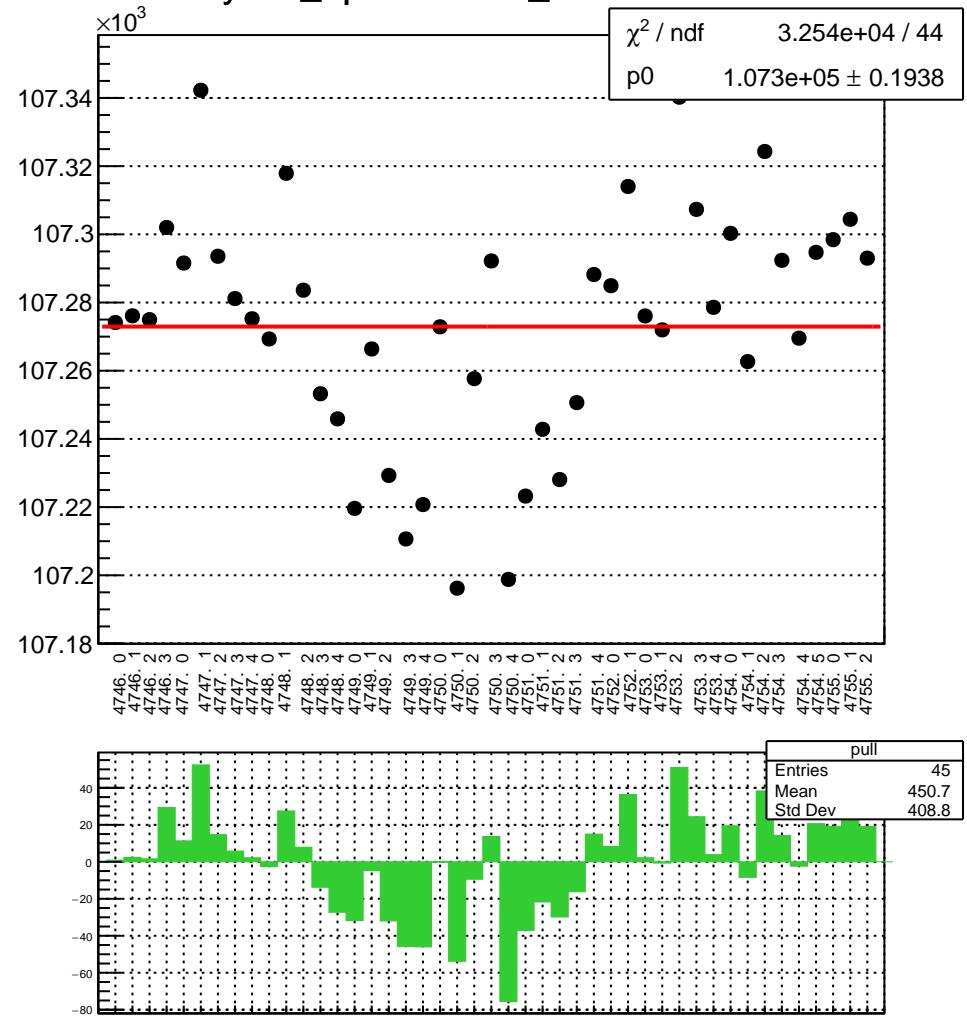
yield_bpm0i07WS_mean vs run



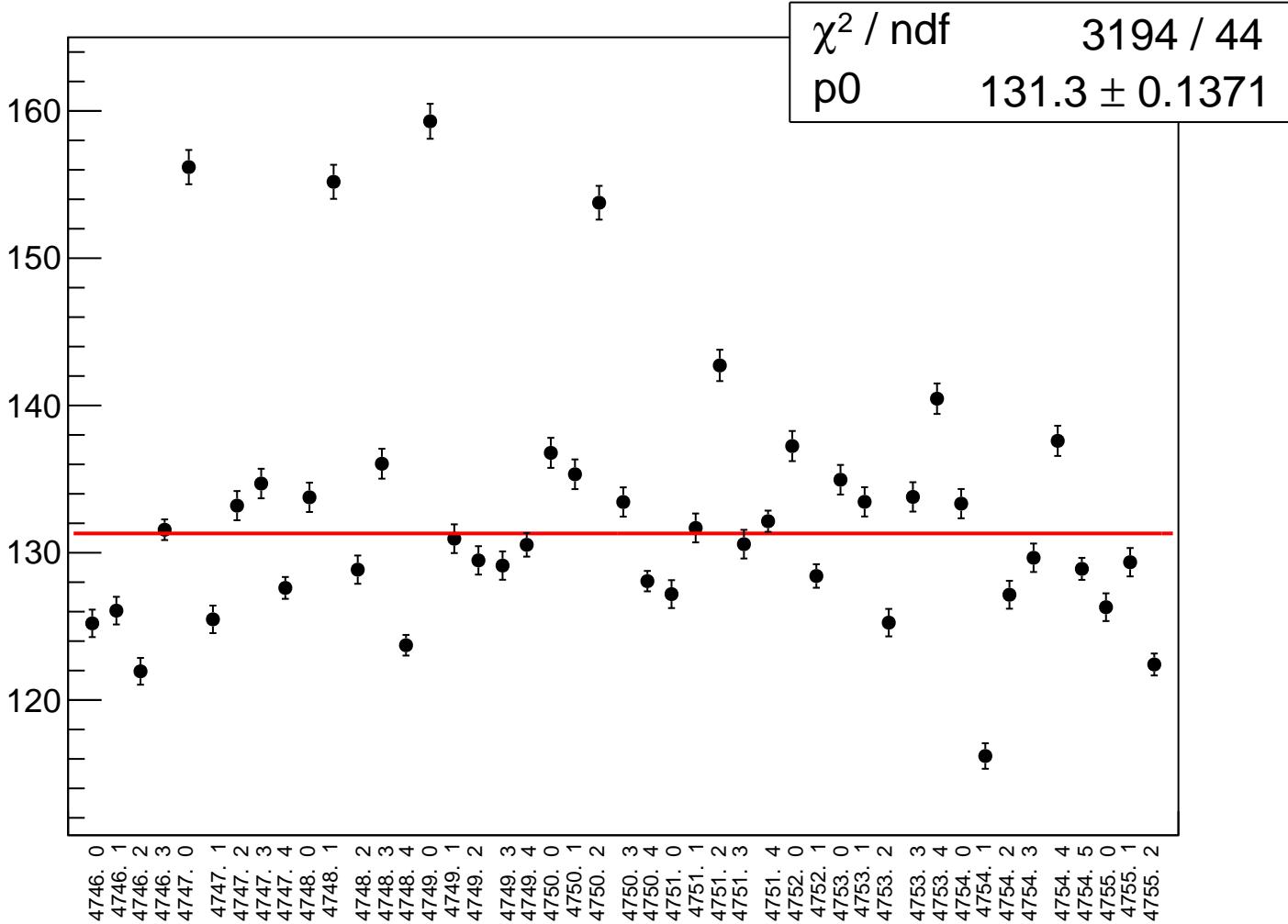
yield_bpm0i07WS_rms vs run



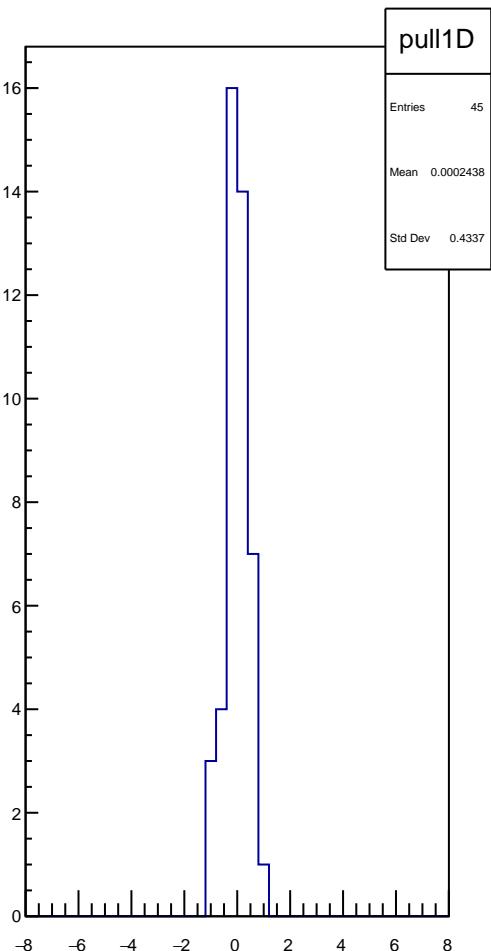
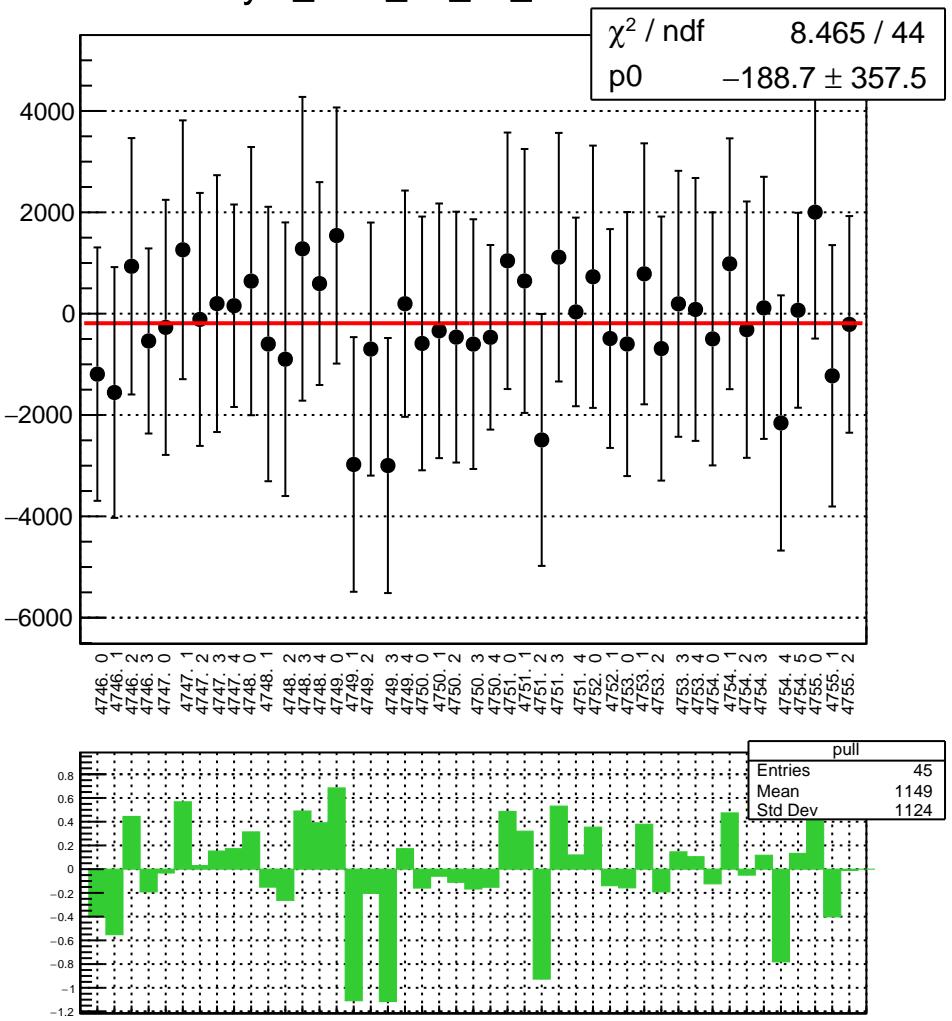
yield_bpm0l01WS_mean vs run



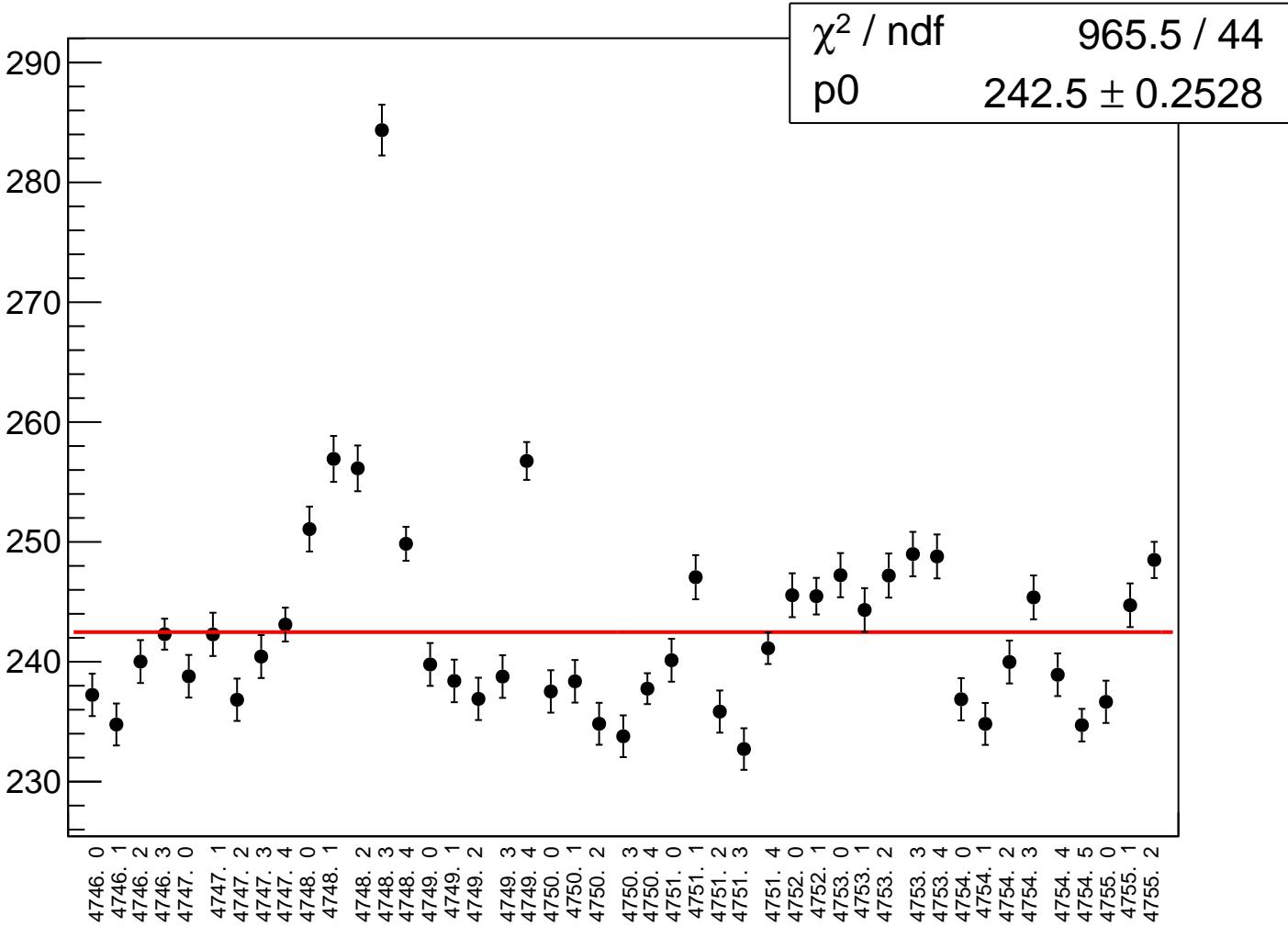
yield_bpm0l01WS_rms vs run



asym_bcm_an_ds_mean vs run

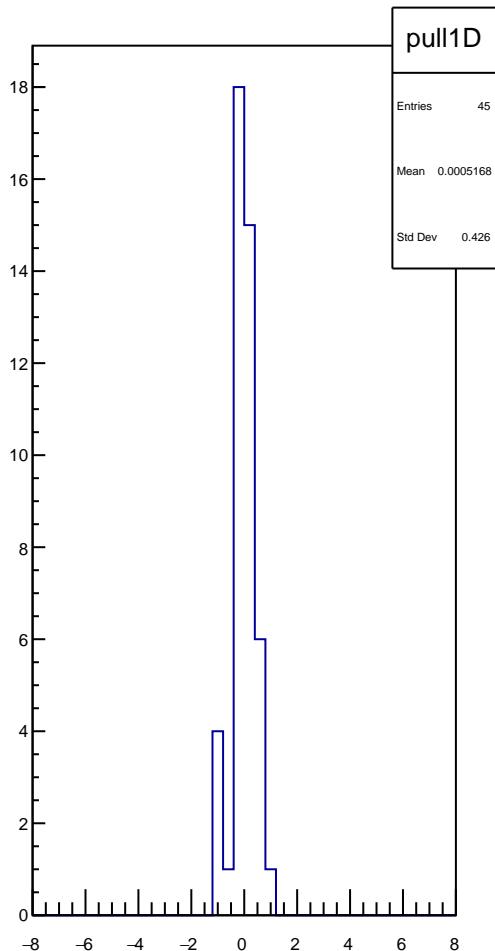
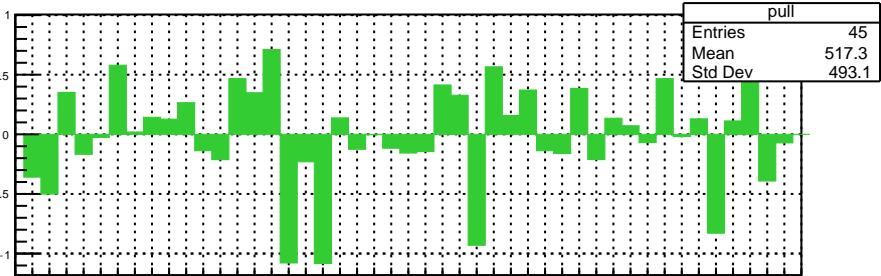
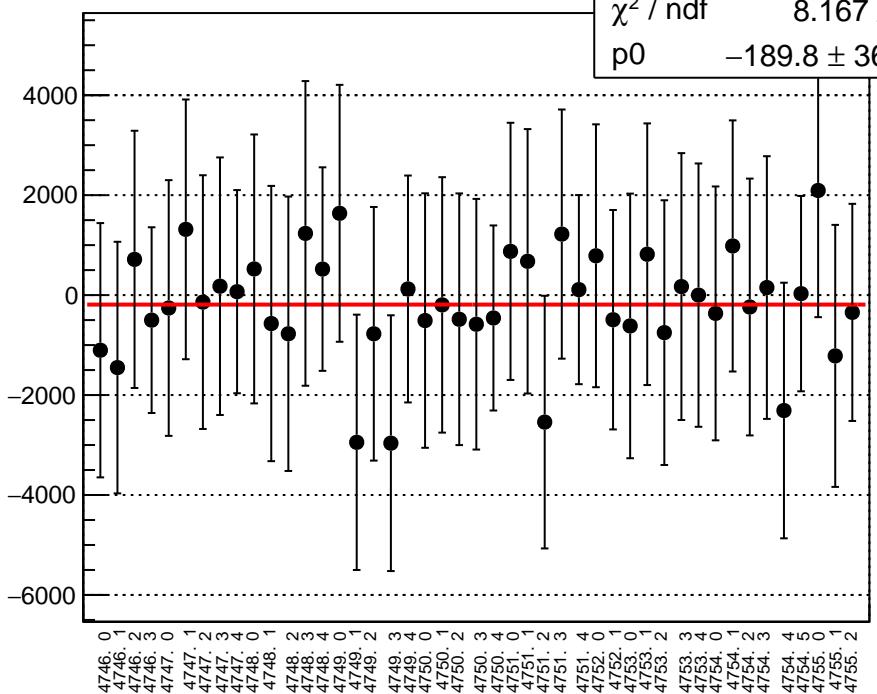


asym_bcm_an_ds_rms vs run

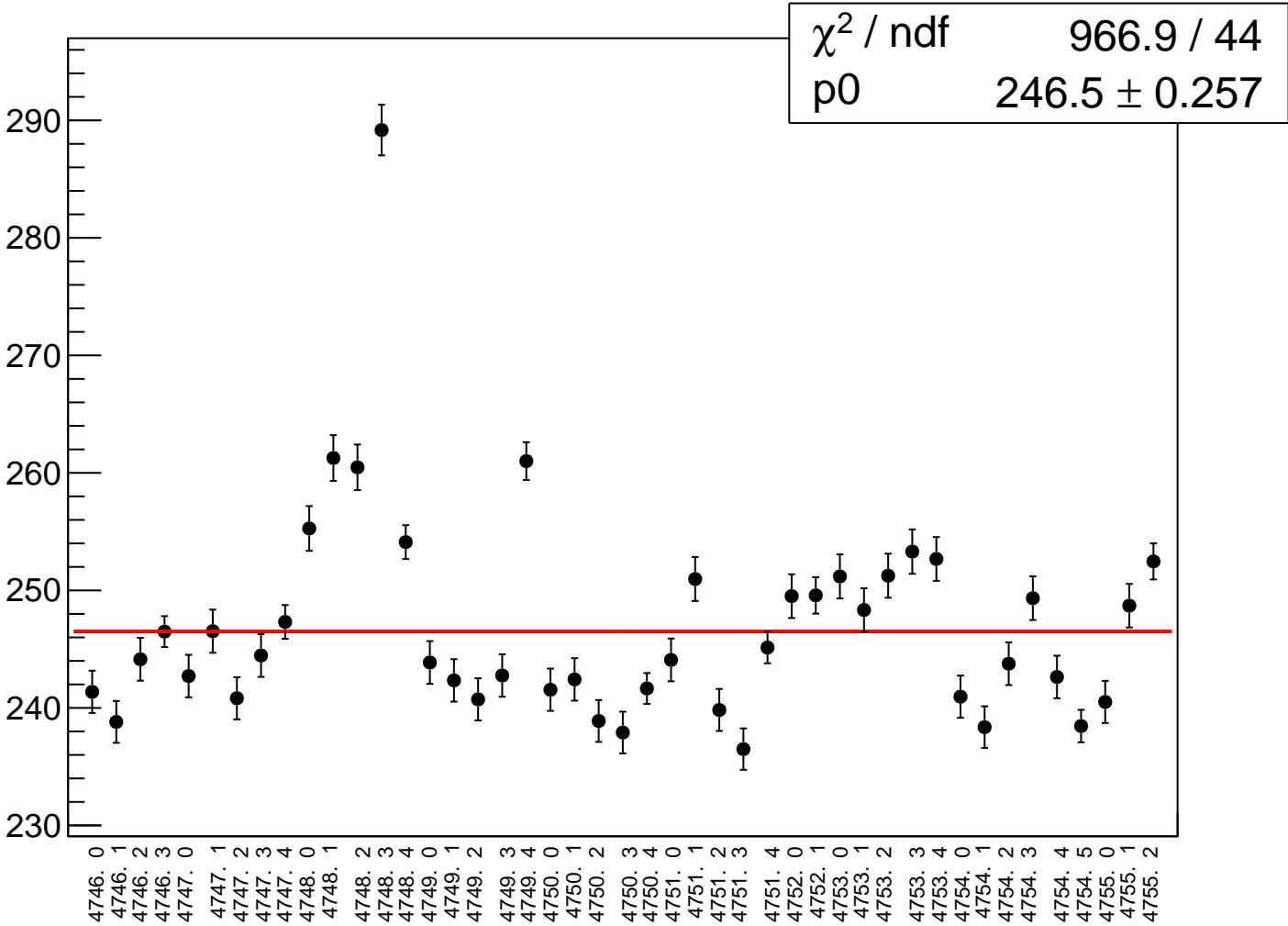


asym_bcm_an_ds3_mean vs run

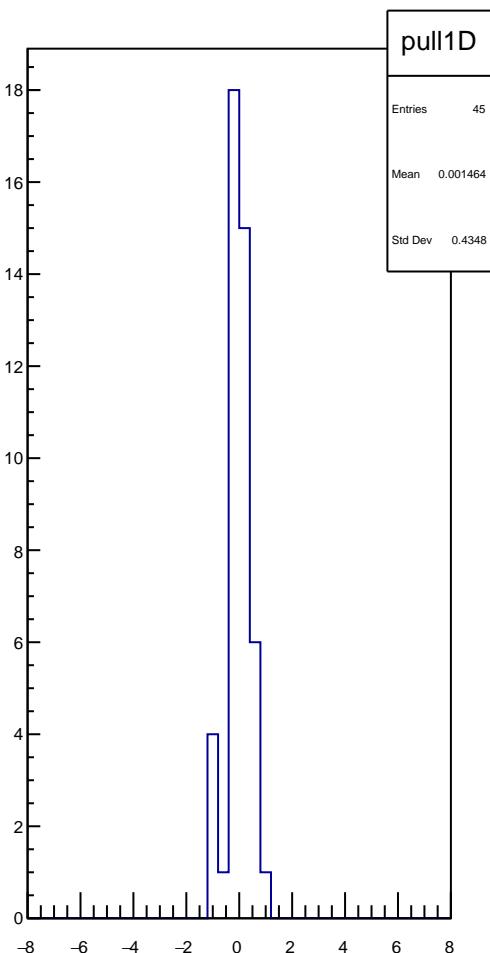
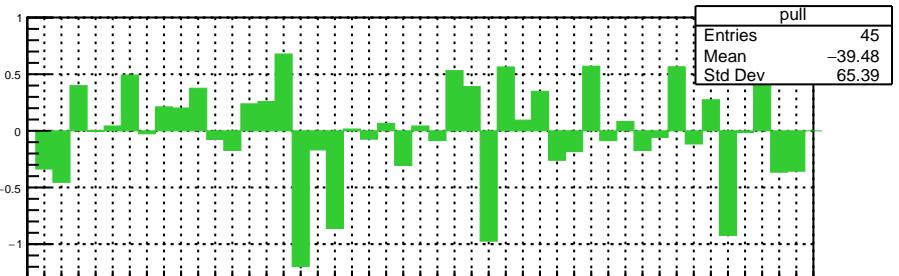
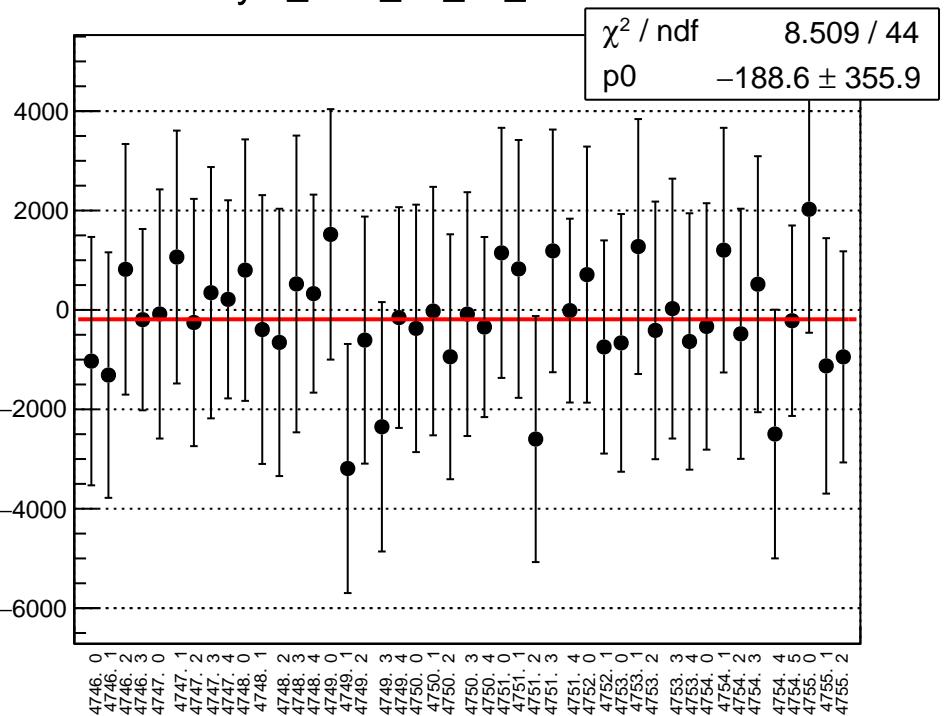
χ^2 / ndf 8.167 / 44
 $p0$ -189.8 ± 363.4



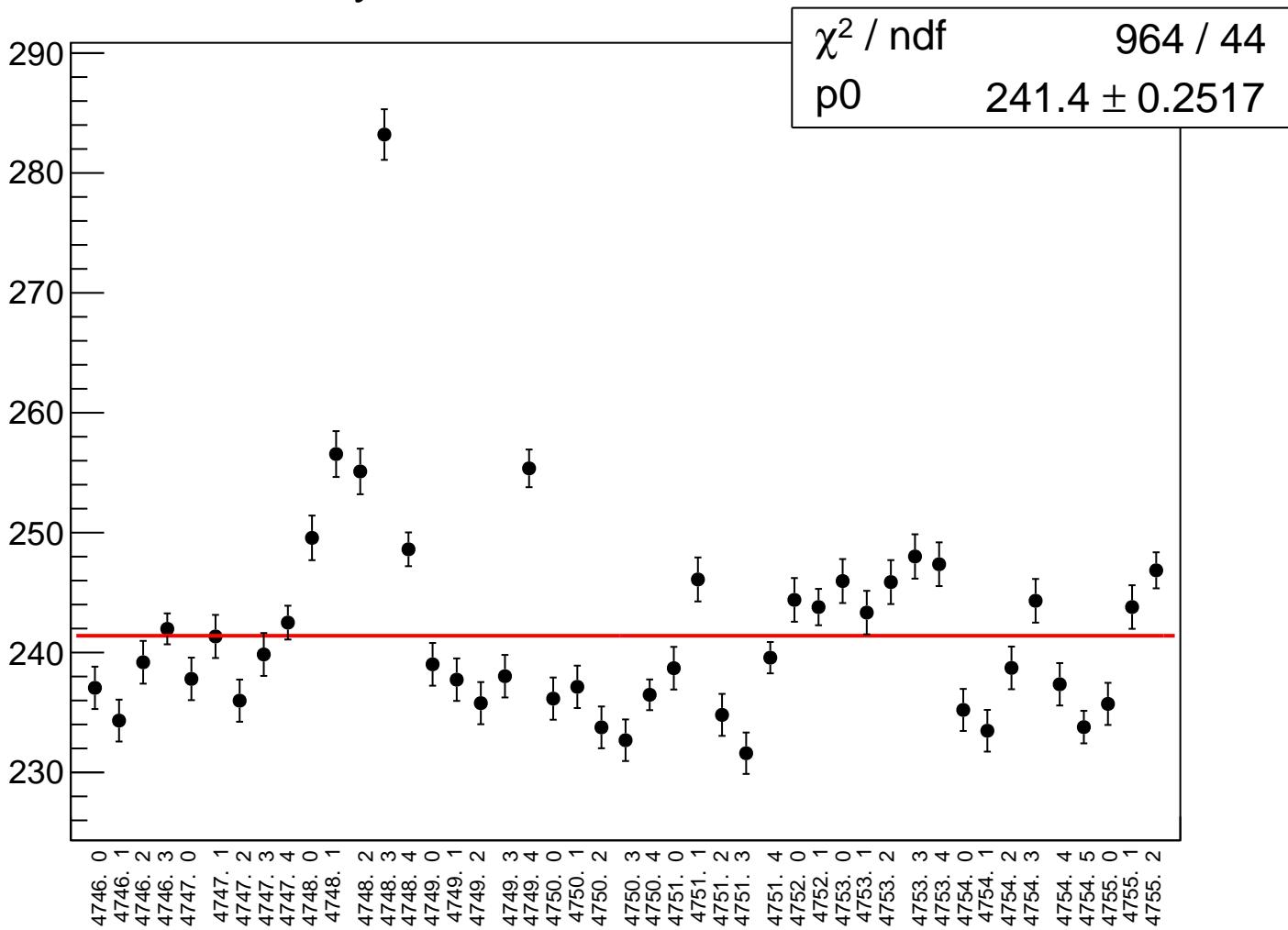
asym_bcm_an_ds3_rms vs run



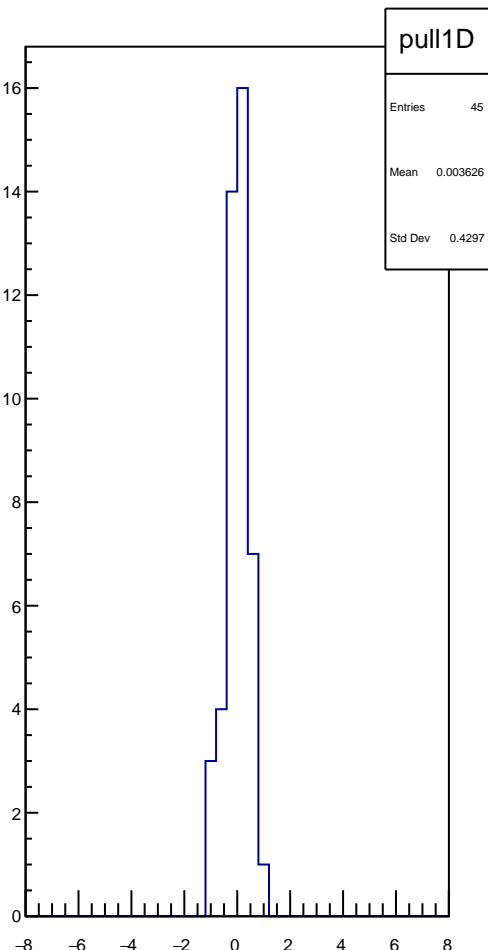
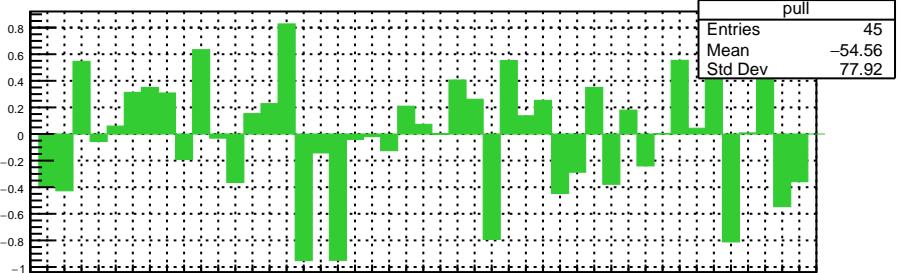
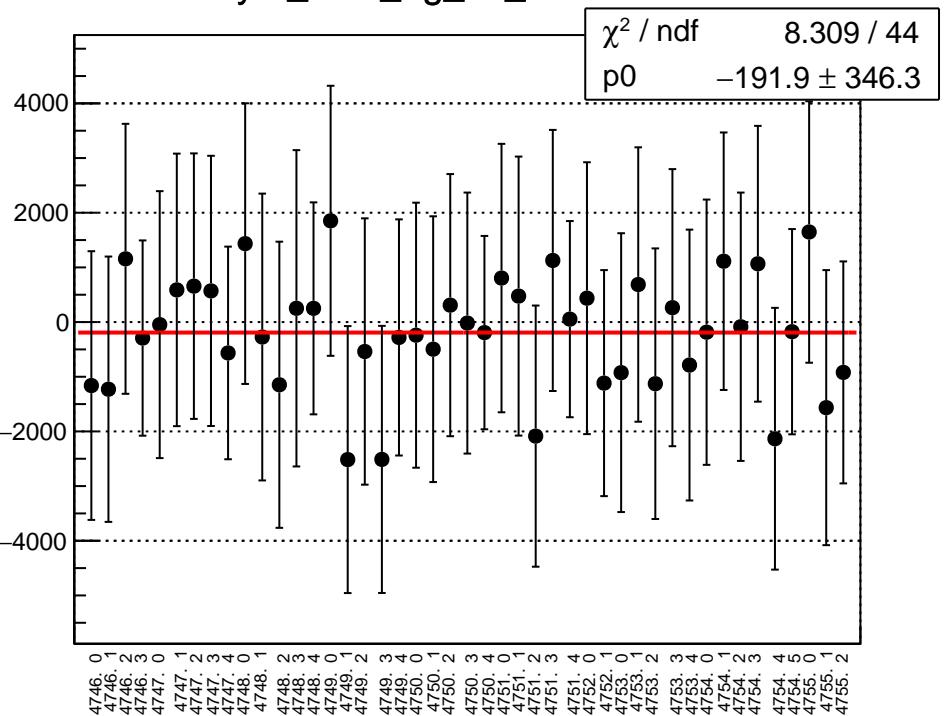
asym_bcm_an_us_mean vs run



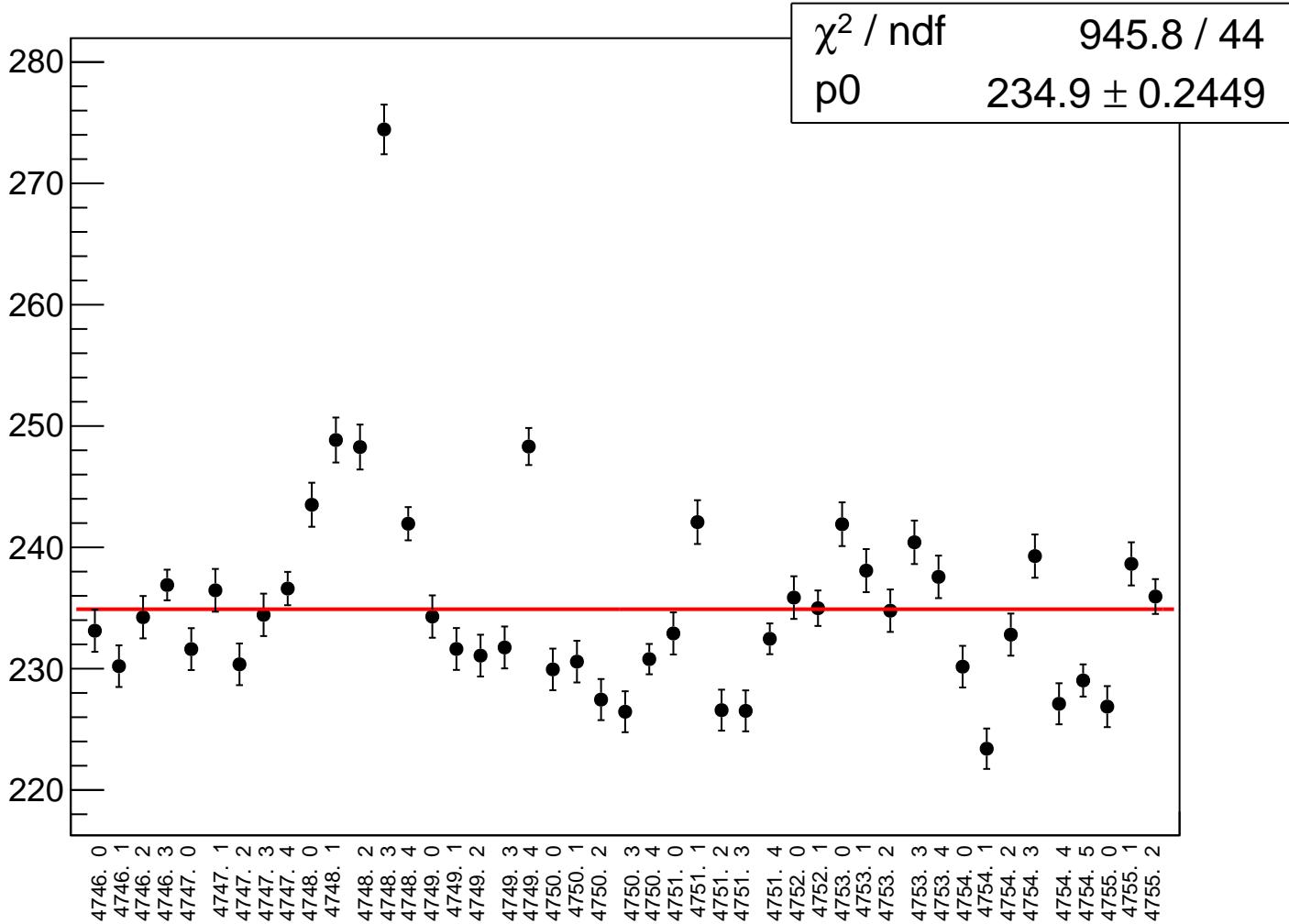
asym_bcm_an_us_rms vs run



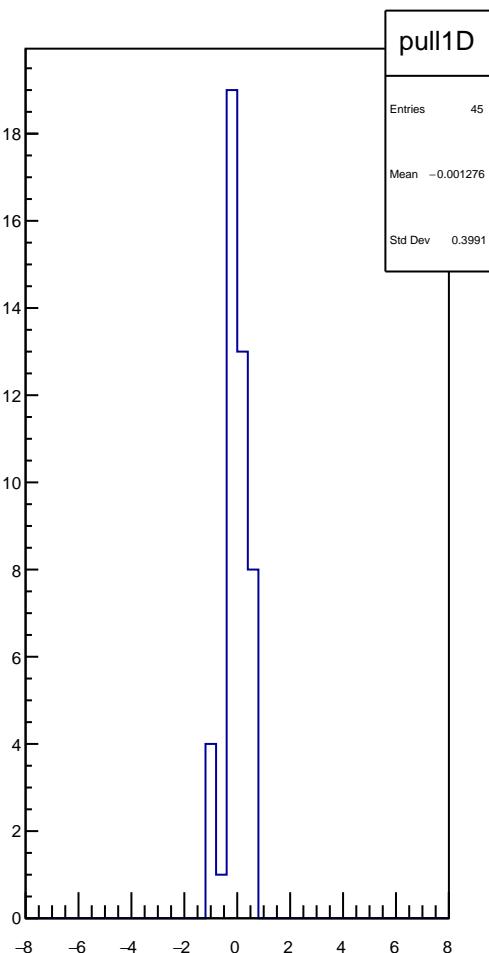
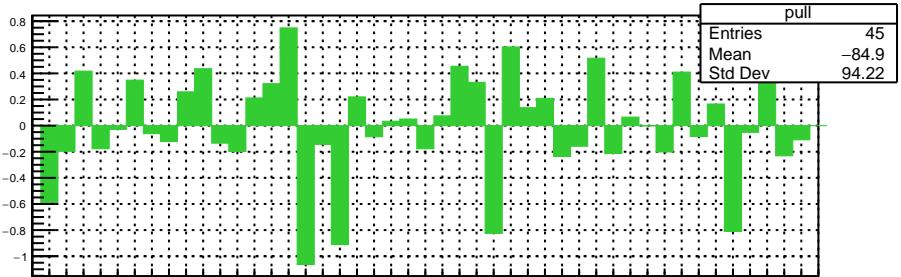
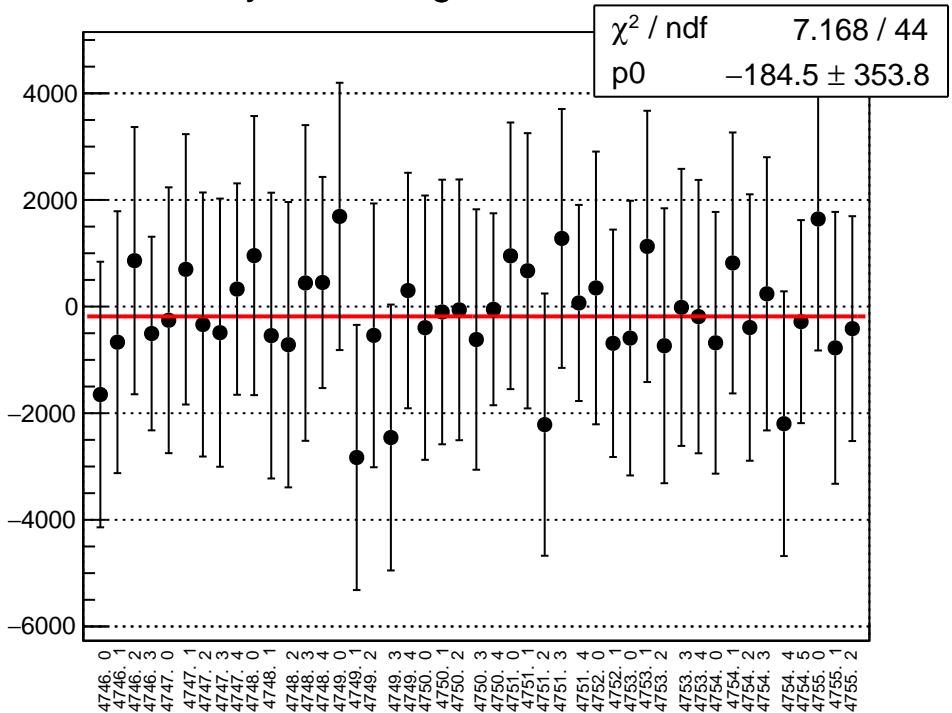
asym_bcm_dg_us_mean vs run



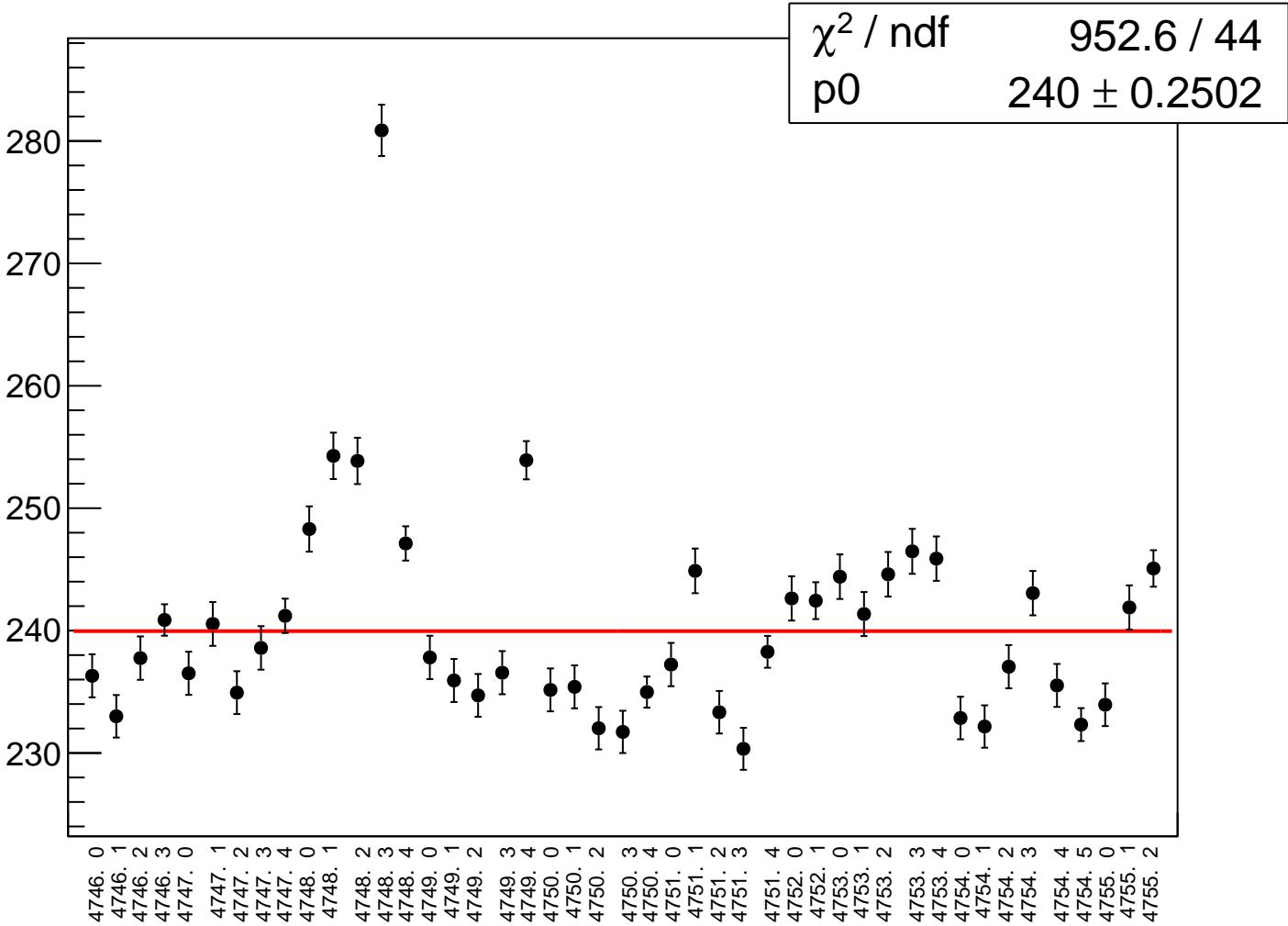
asym_bcm_dg_us_rms vs run



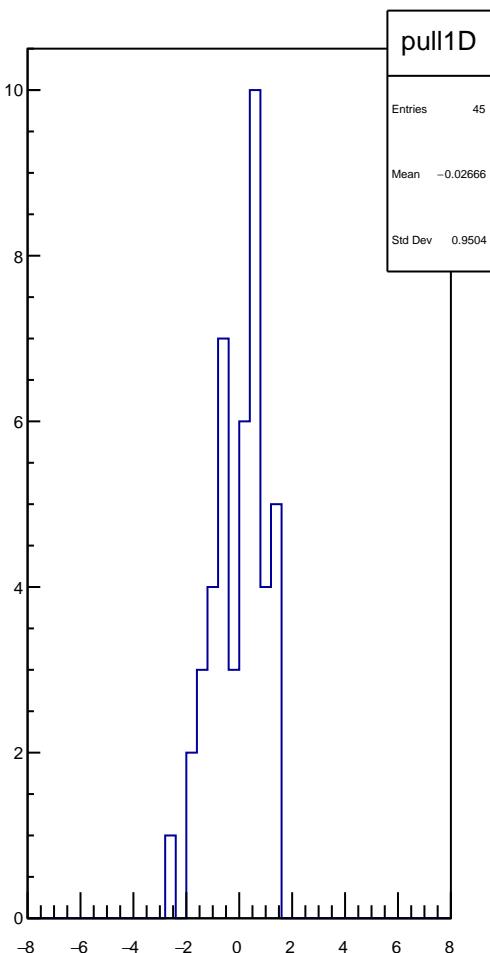
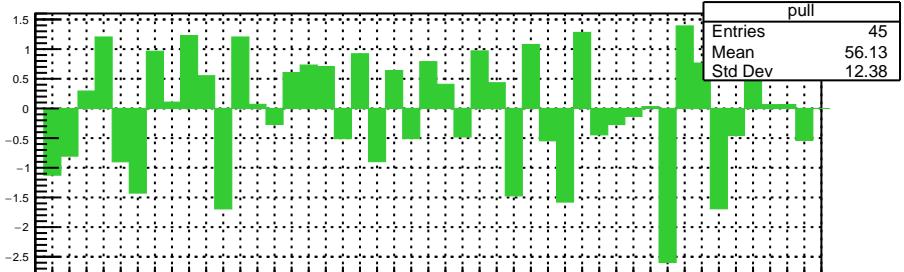
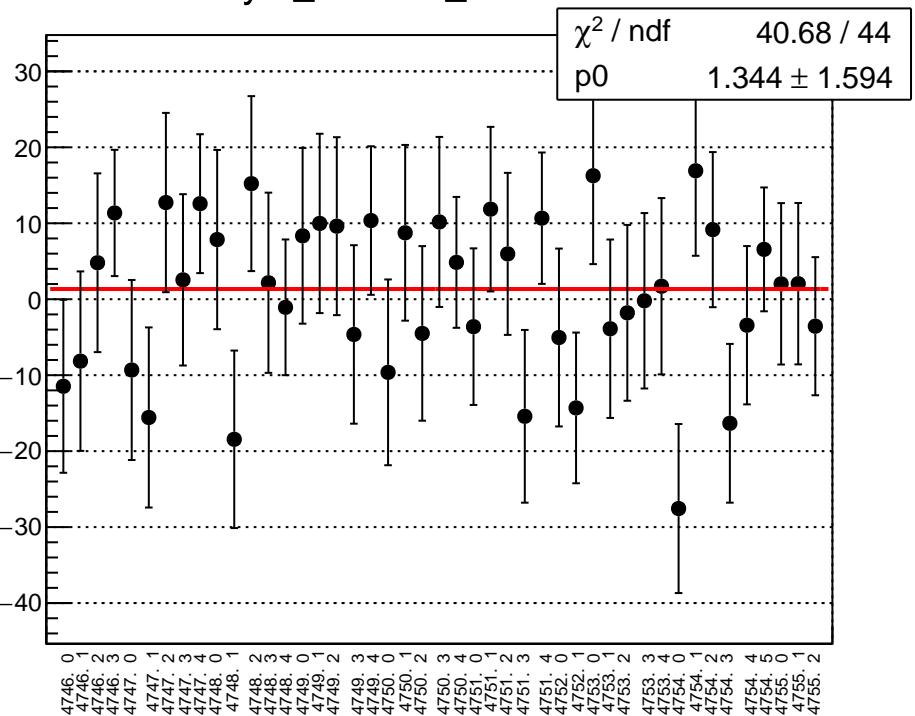
asym_bcm_dg_ds_mean vs run



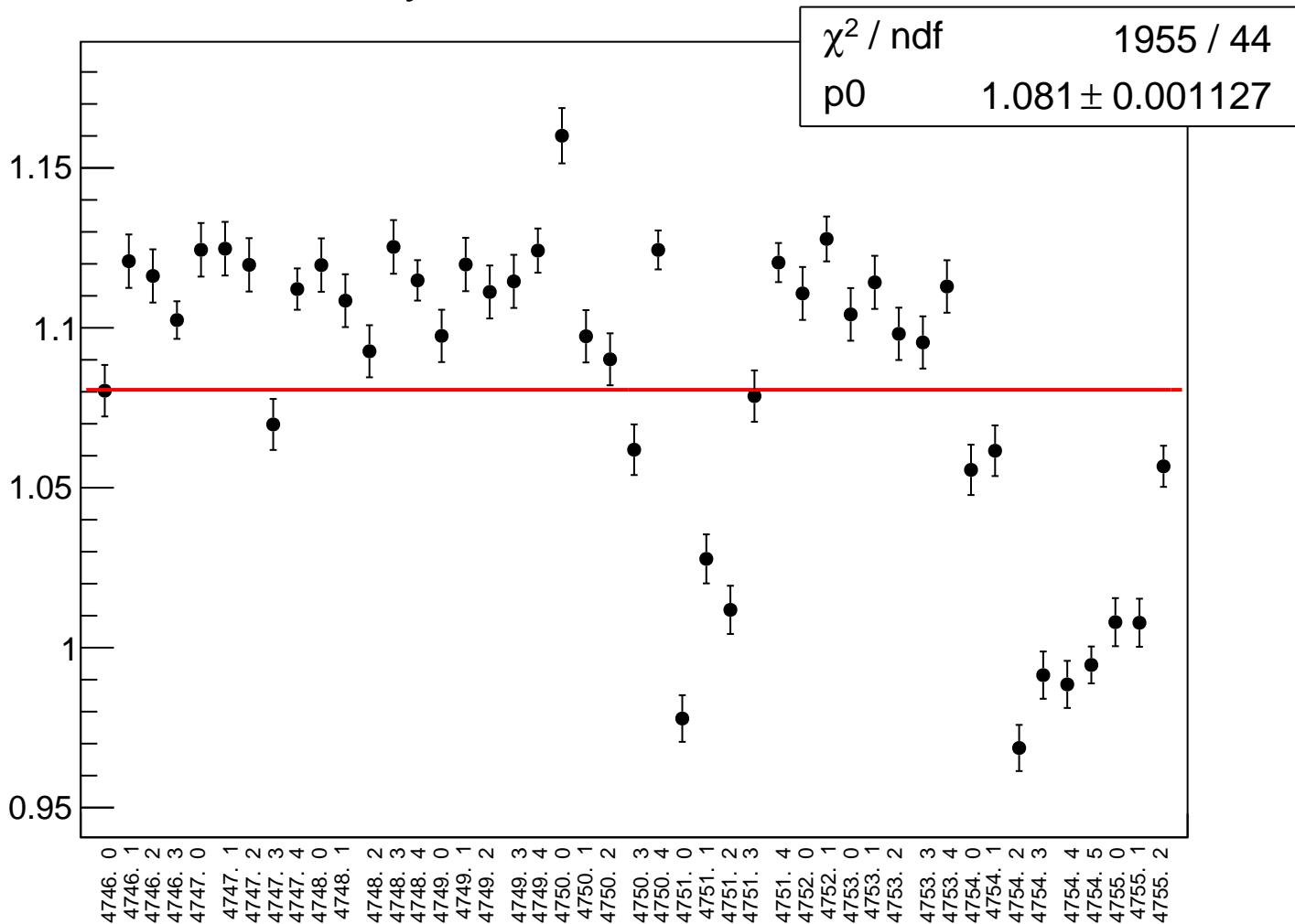
asym_bcm_dg_ds_rms vs run



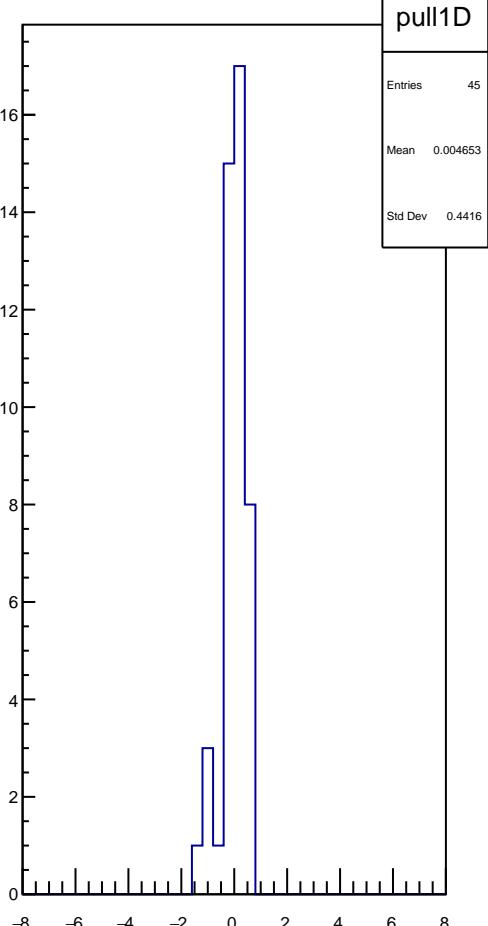
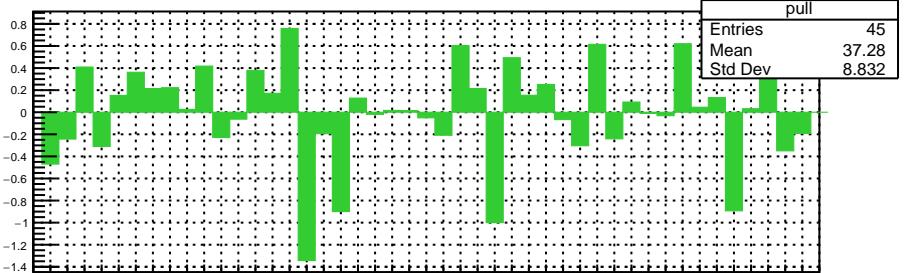
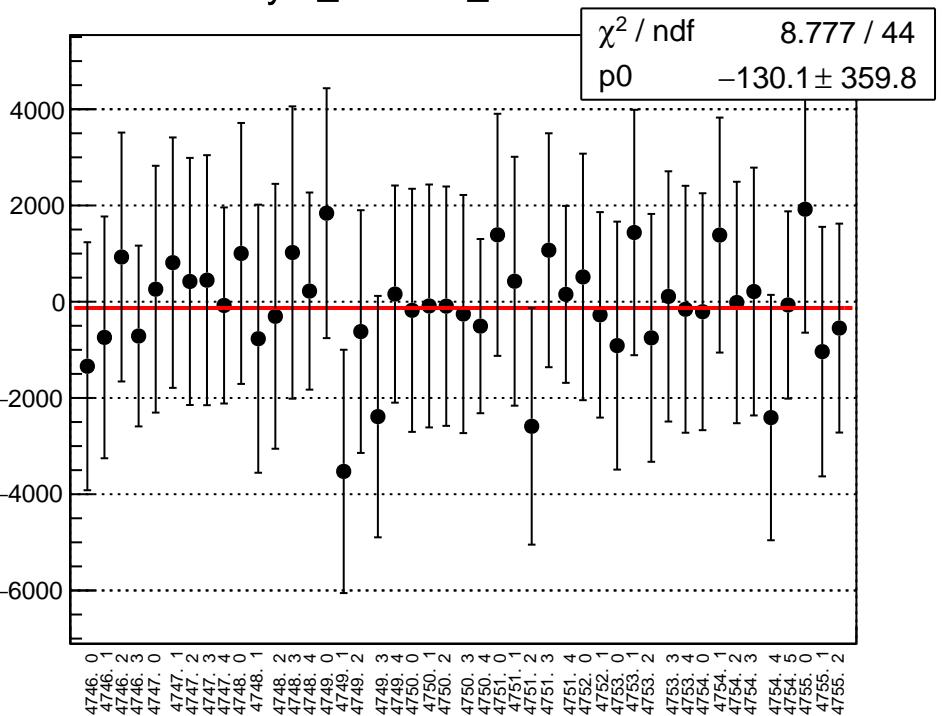
asym_cav4bQ_mean vs run



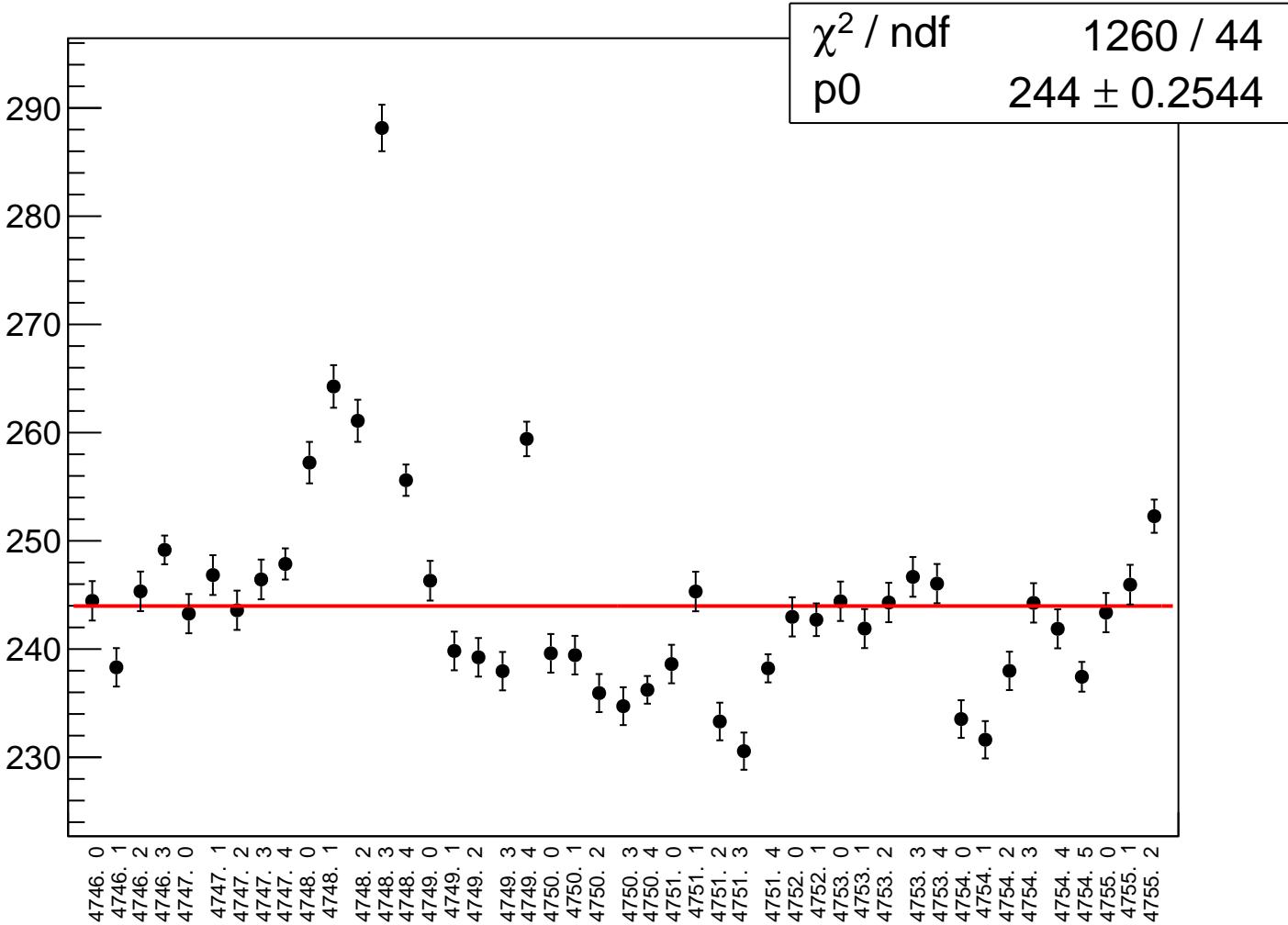
asym_cav4bQ_rms vs run



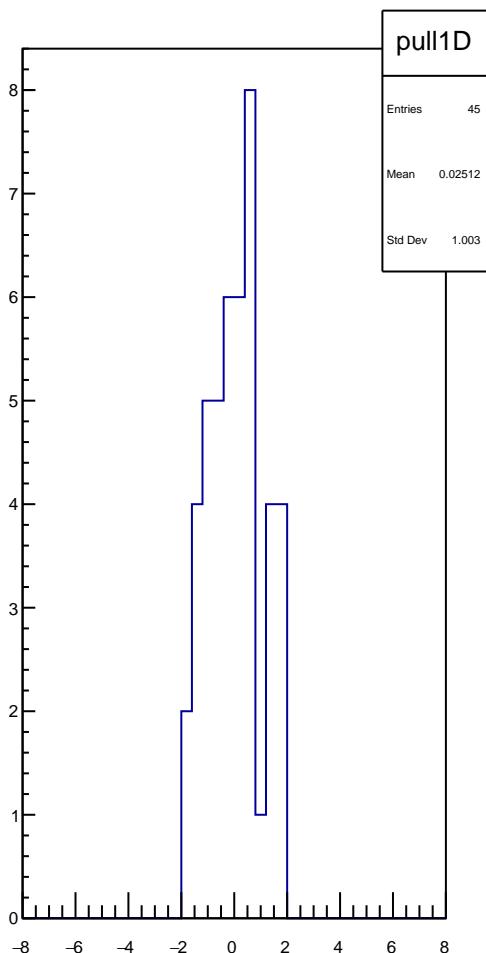
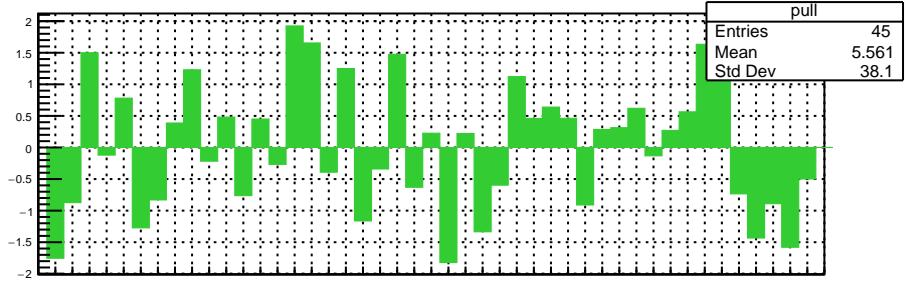
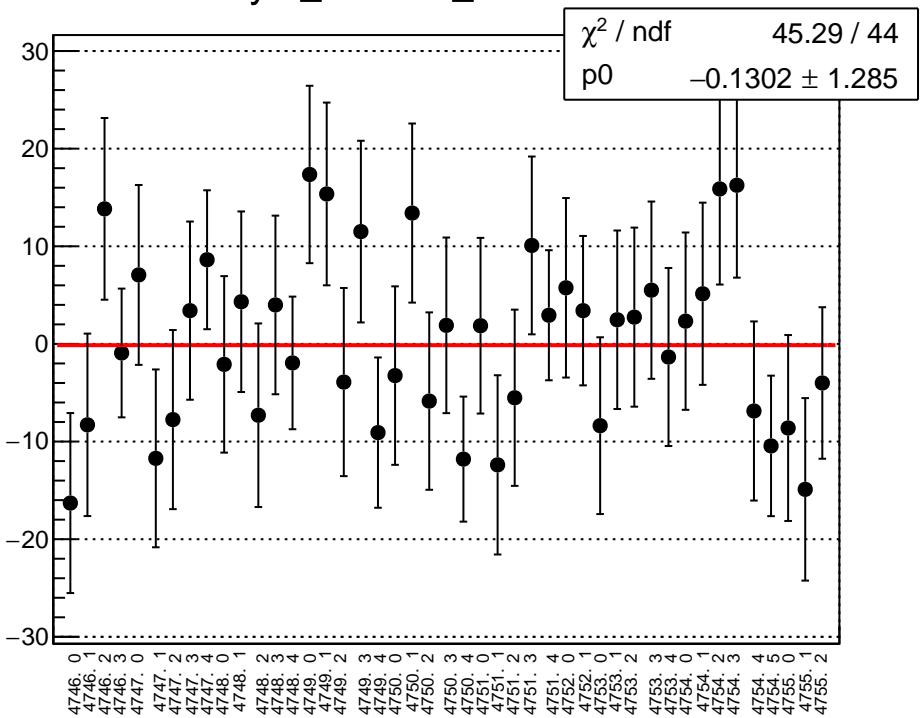
asym_cav4cQ_mean vs run



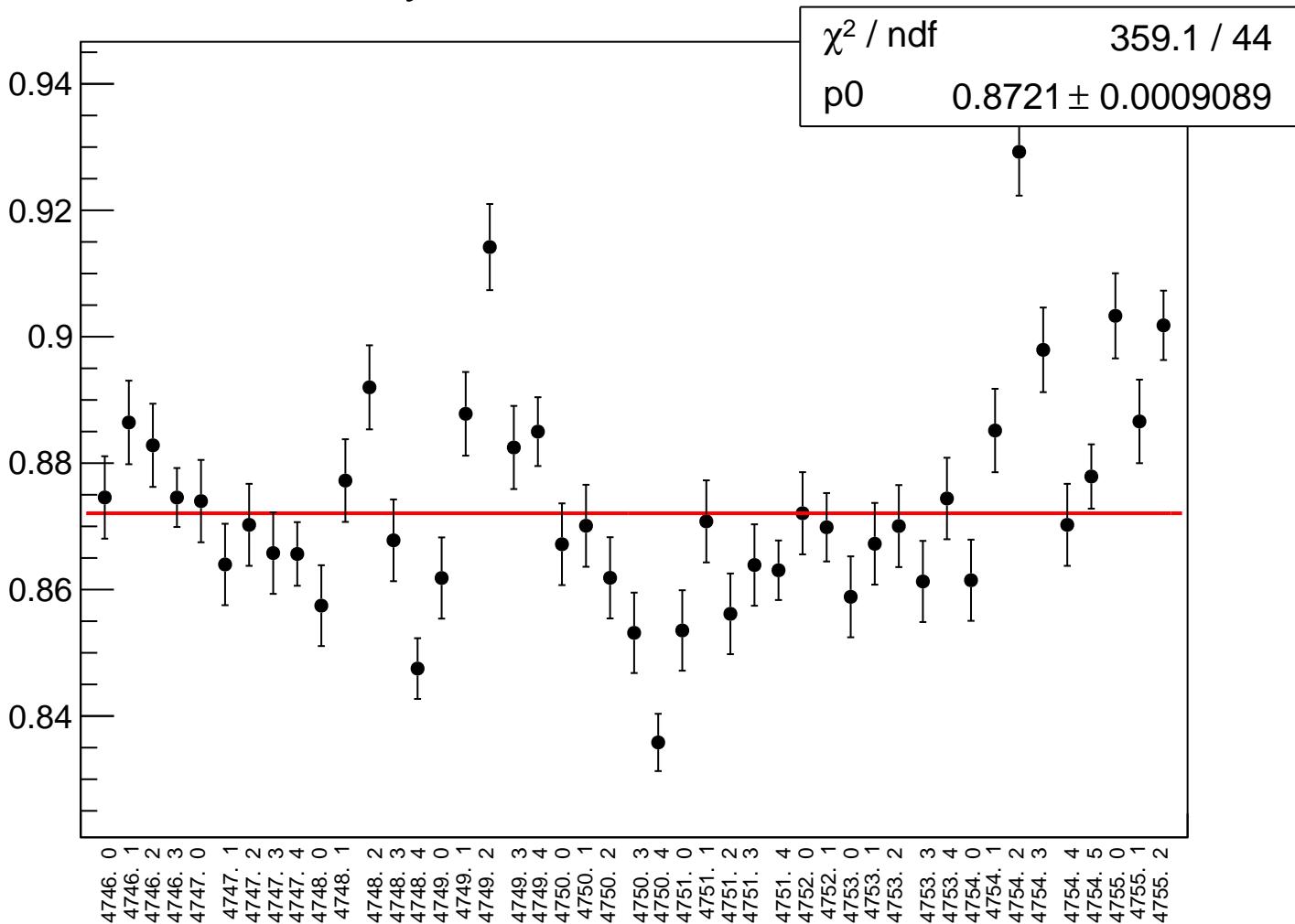
asym_cav4cQ_rms vs run



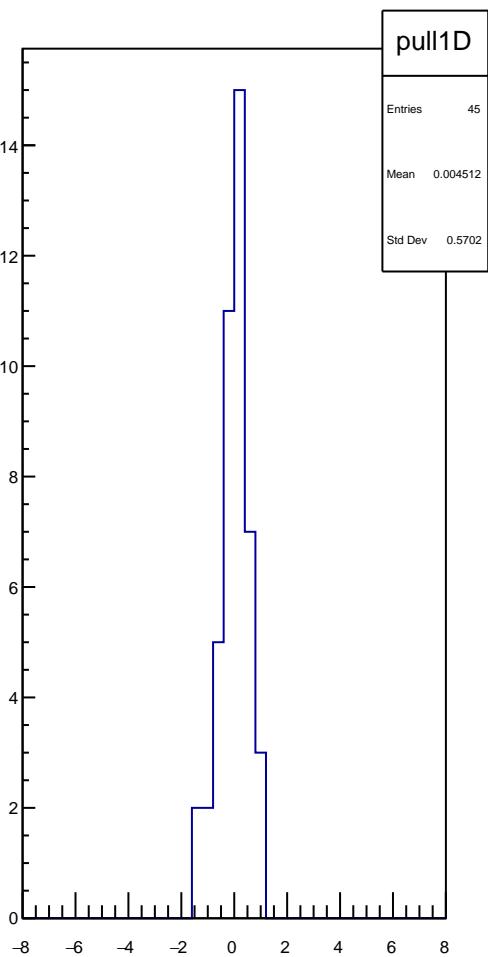
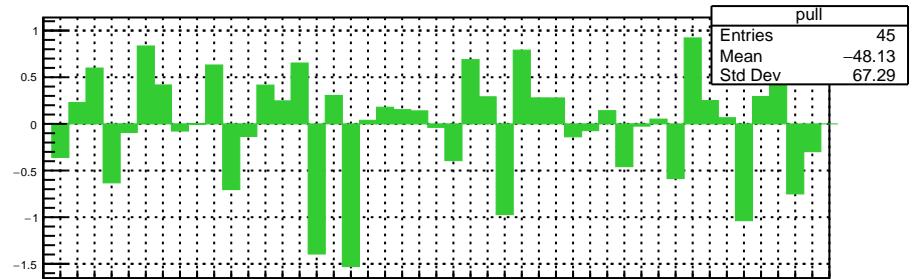
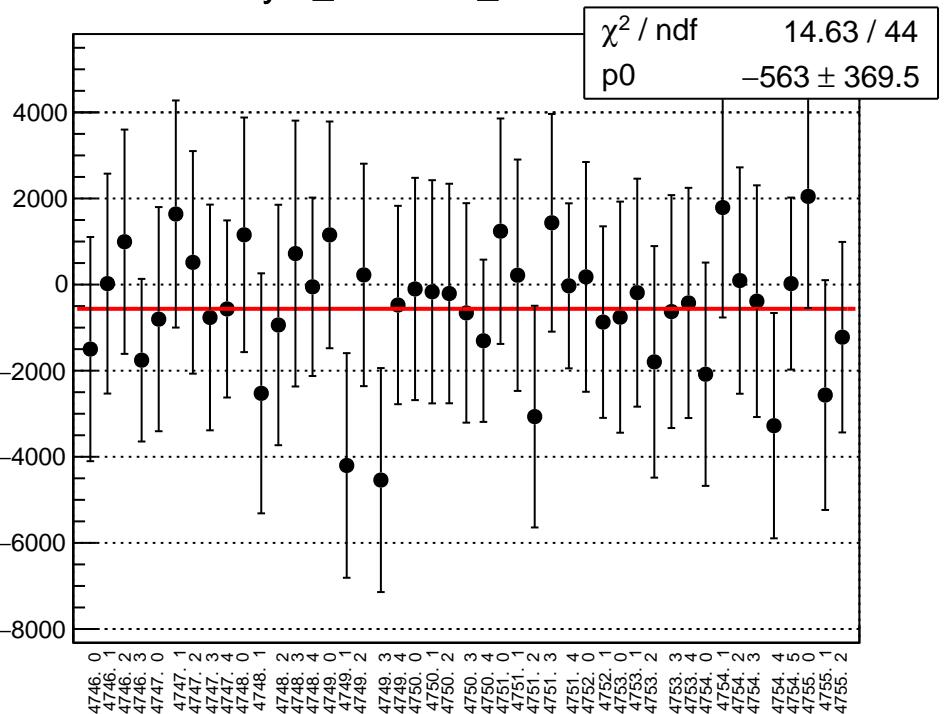
asym_cav4dQ_mean vs run



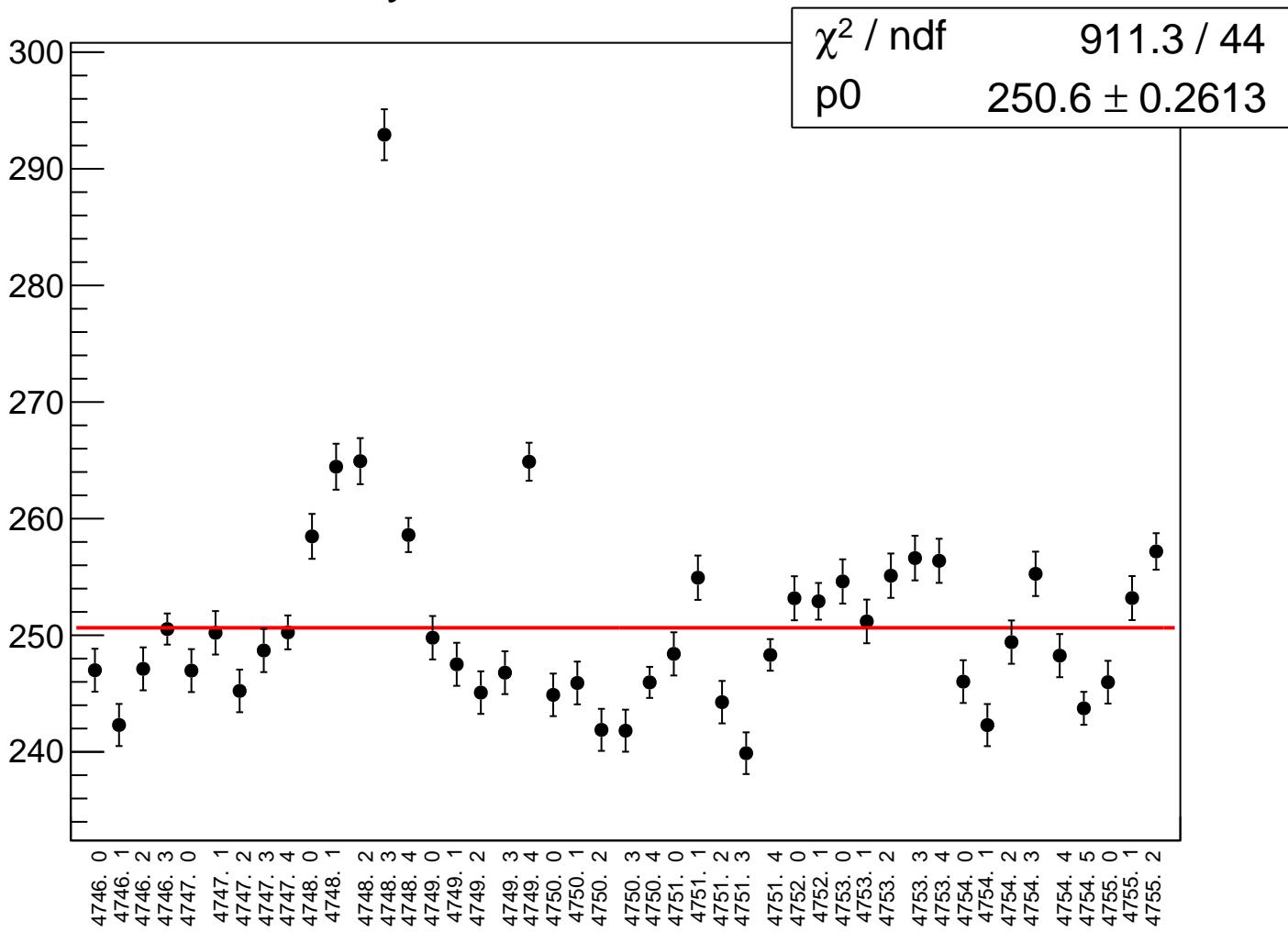
asym_cav4dQ_rms vs run



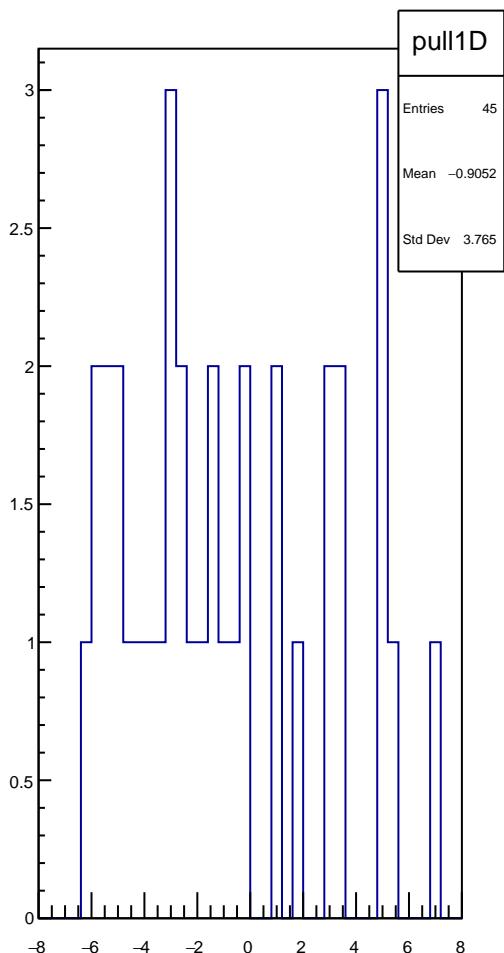
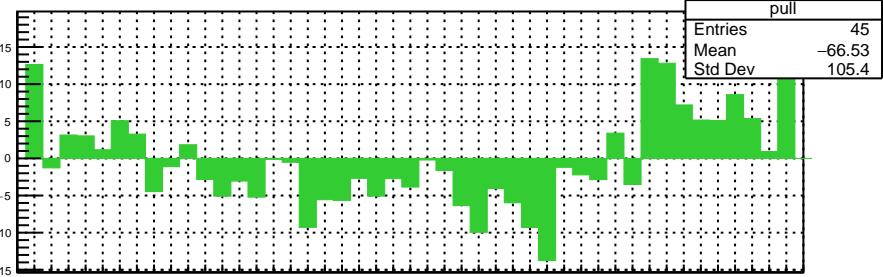
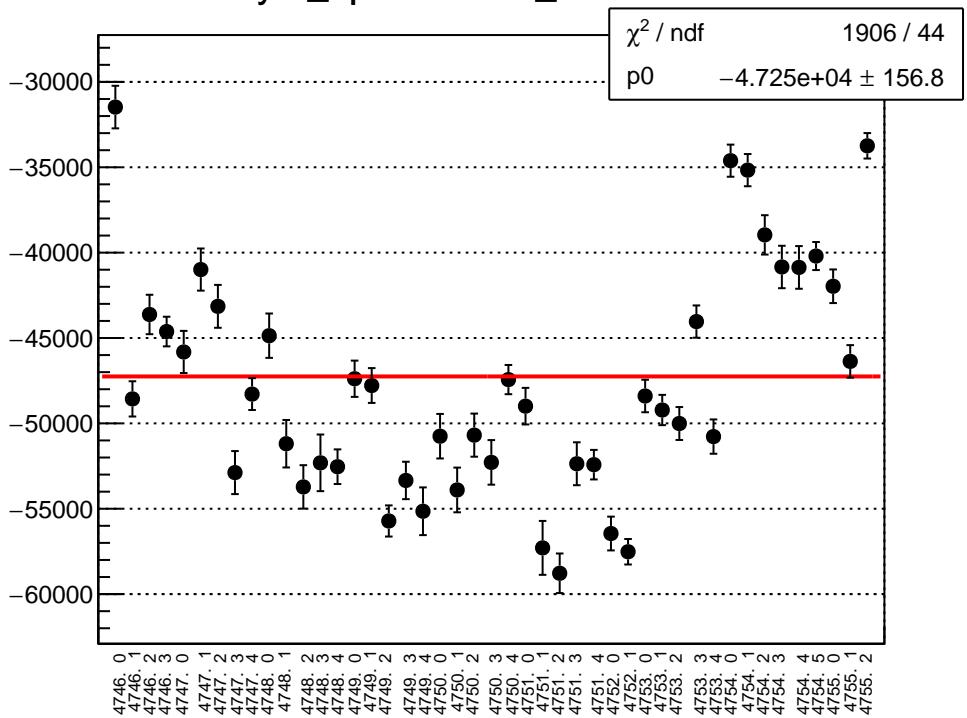
asym_bcm0l02_mean vs run



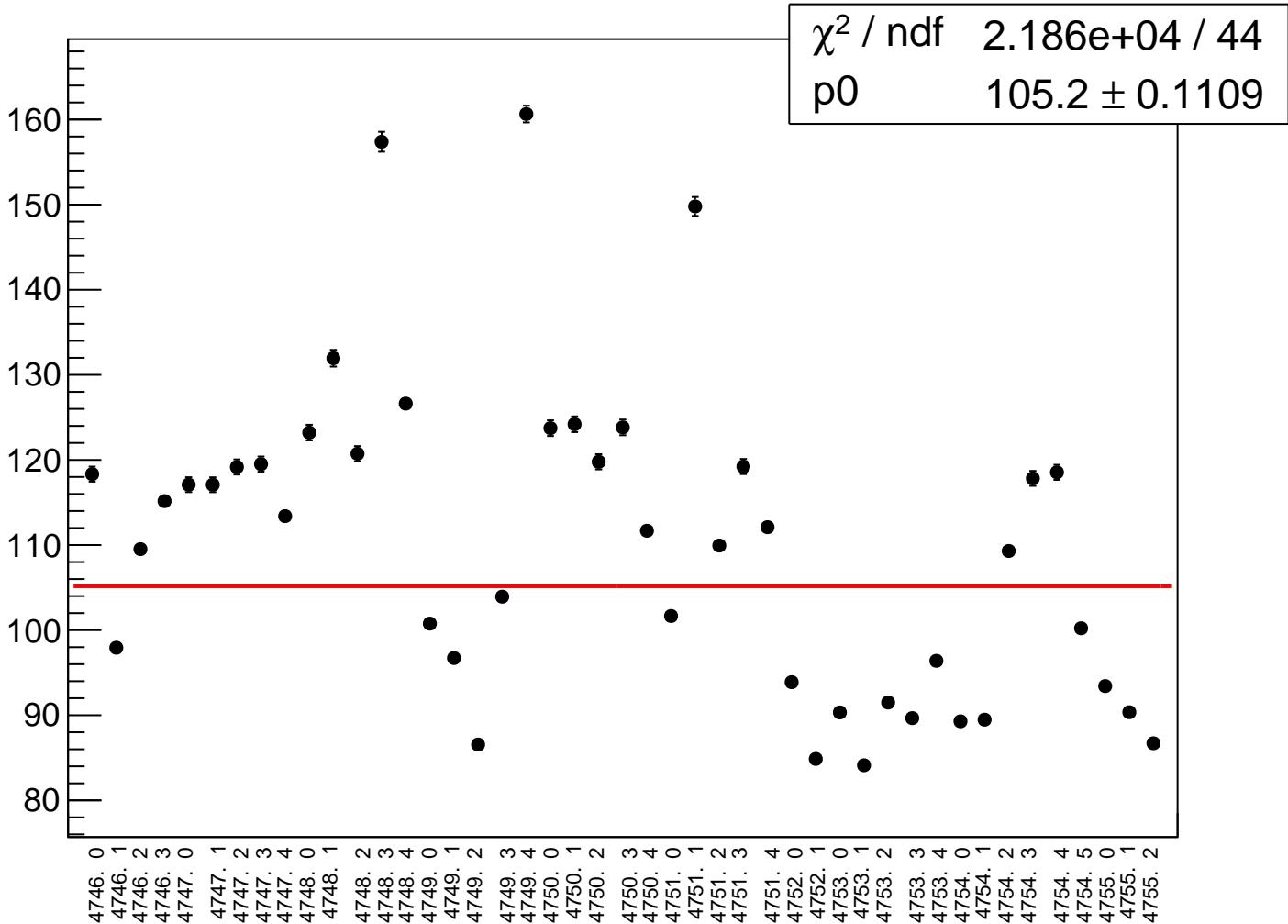
asym_bcm0l02_rms vs run



asym_bpm2i01WS_mean vs run

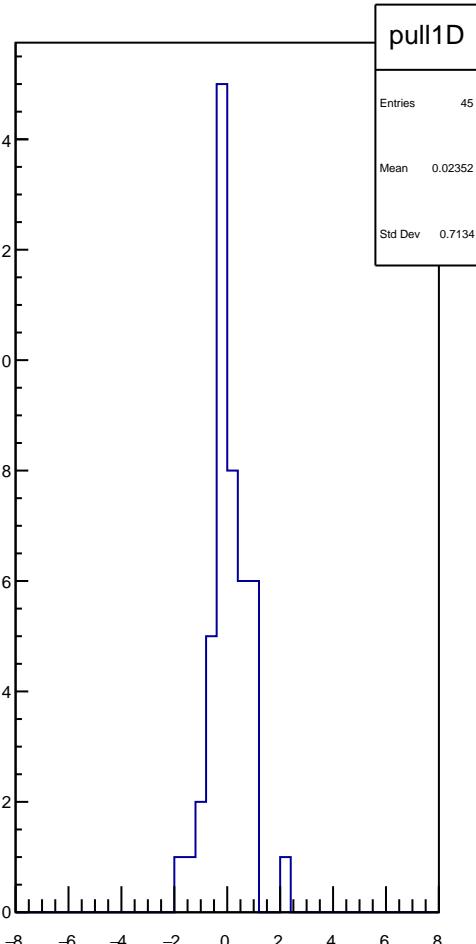
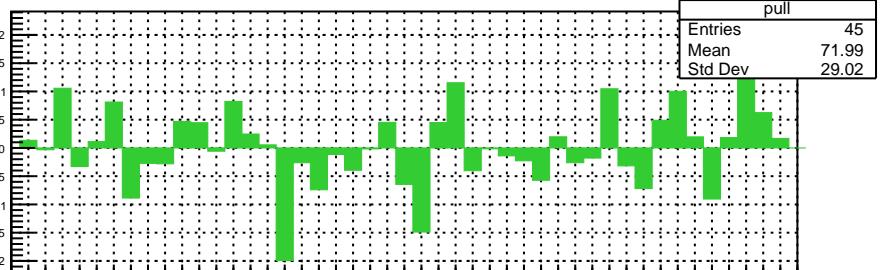
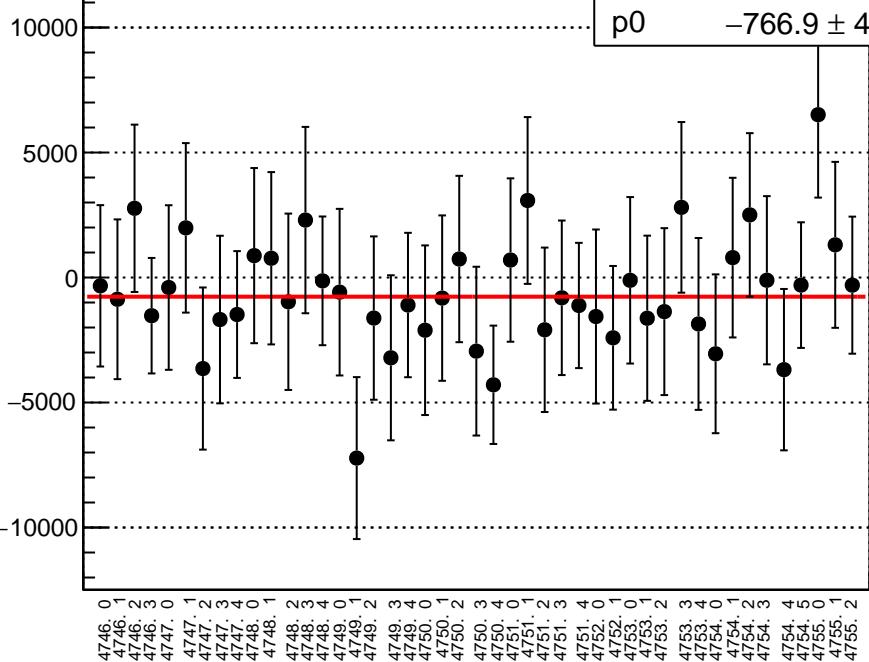


asym_bpm2i01WS_rms vs run



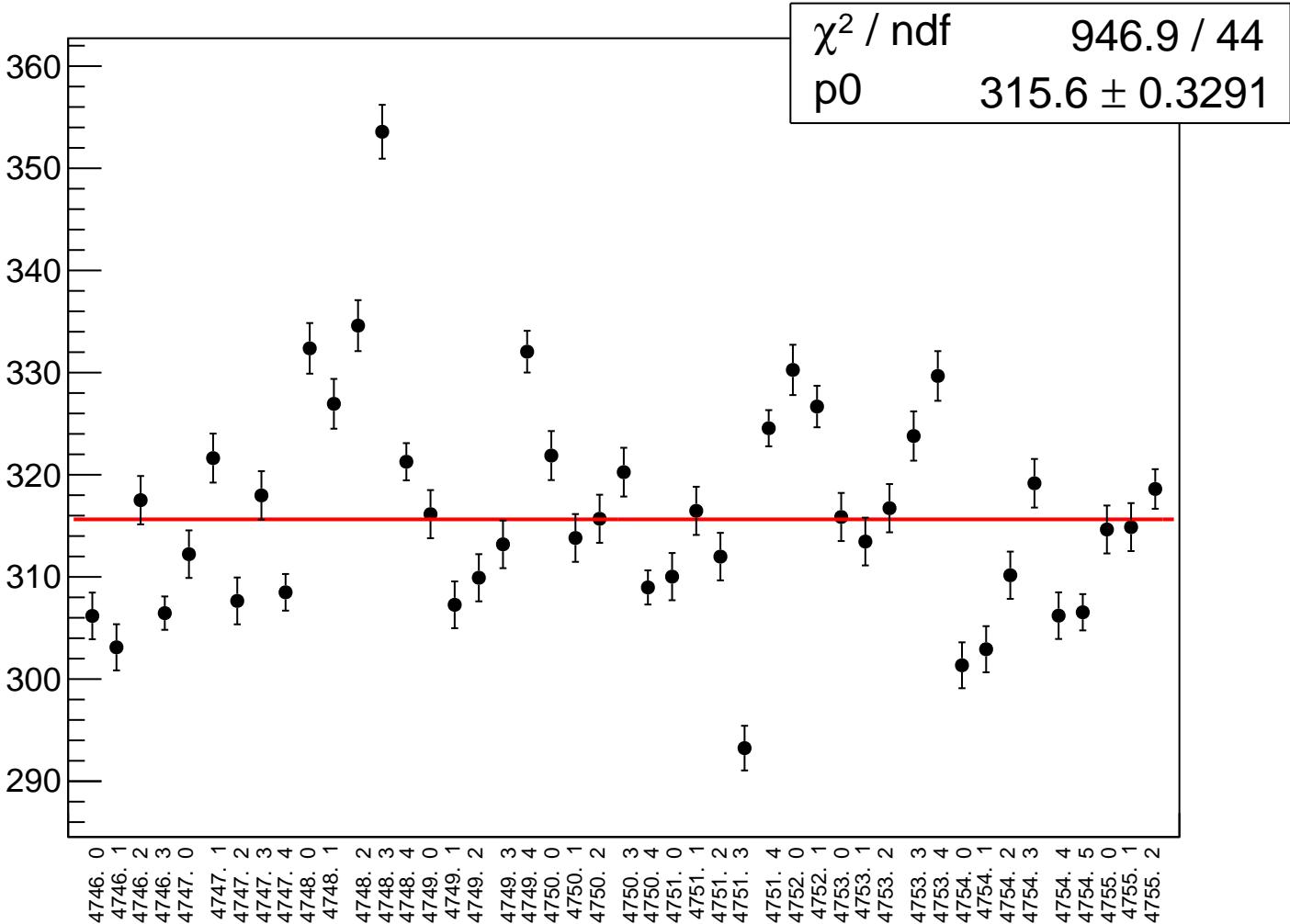
asym_bpm0i07WS_mean vs run

χ^2 / ndf 22.93 / 44
 $p0$ -766.9 ± 465.4

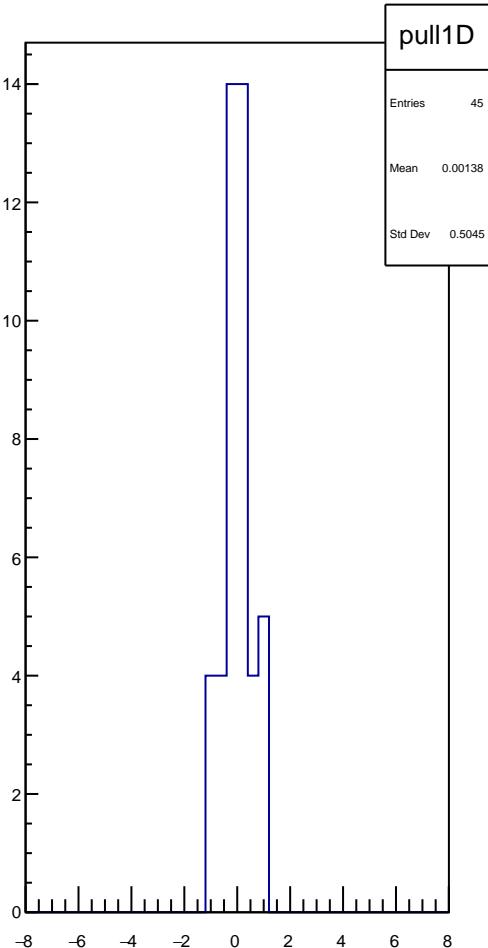
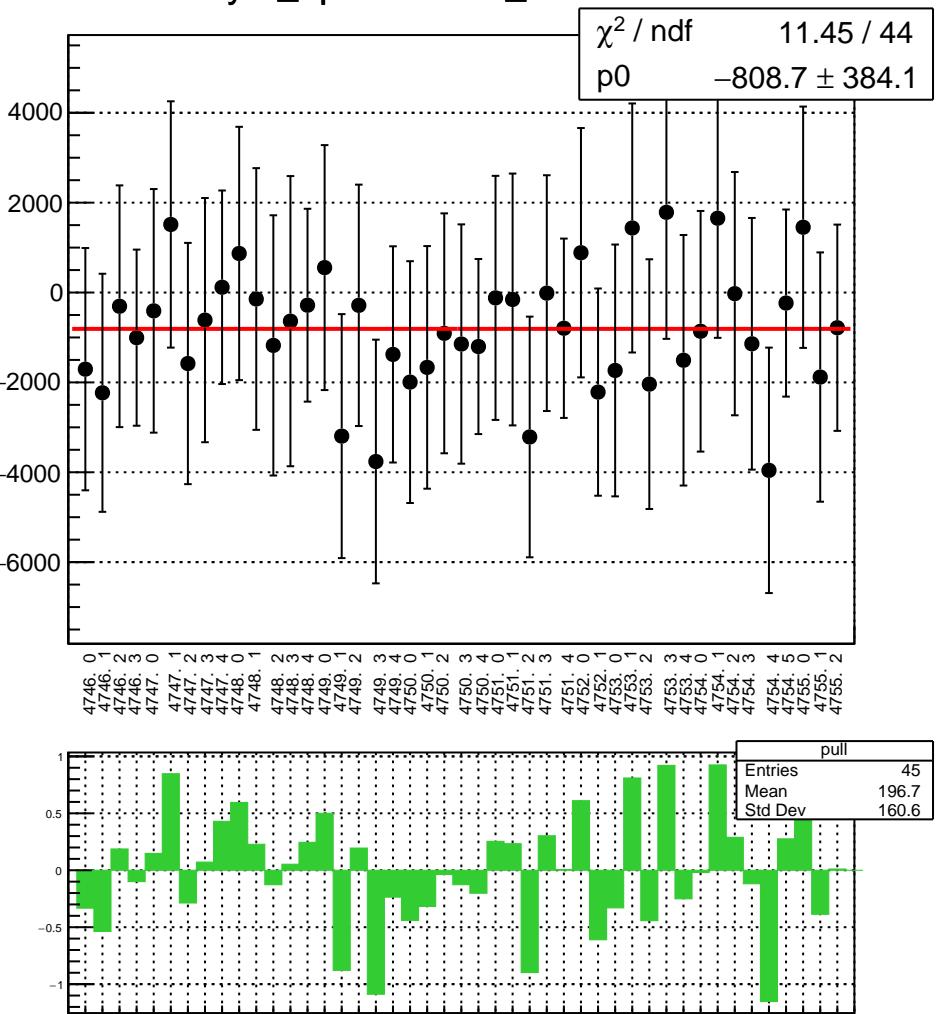


pull1D

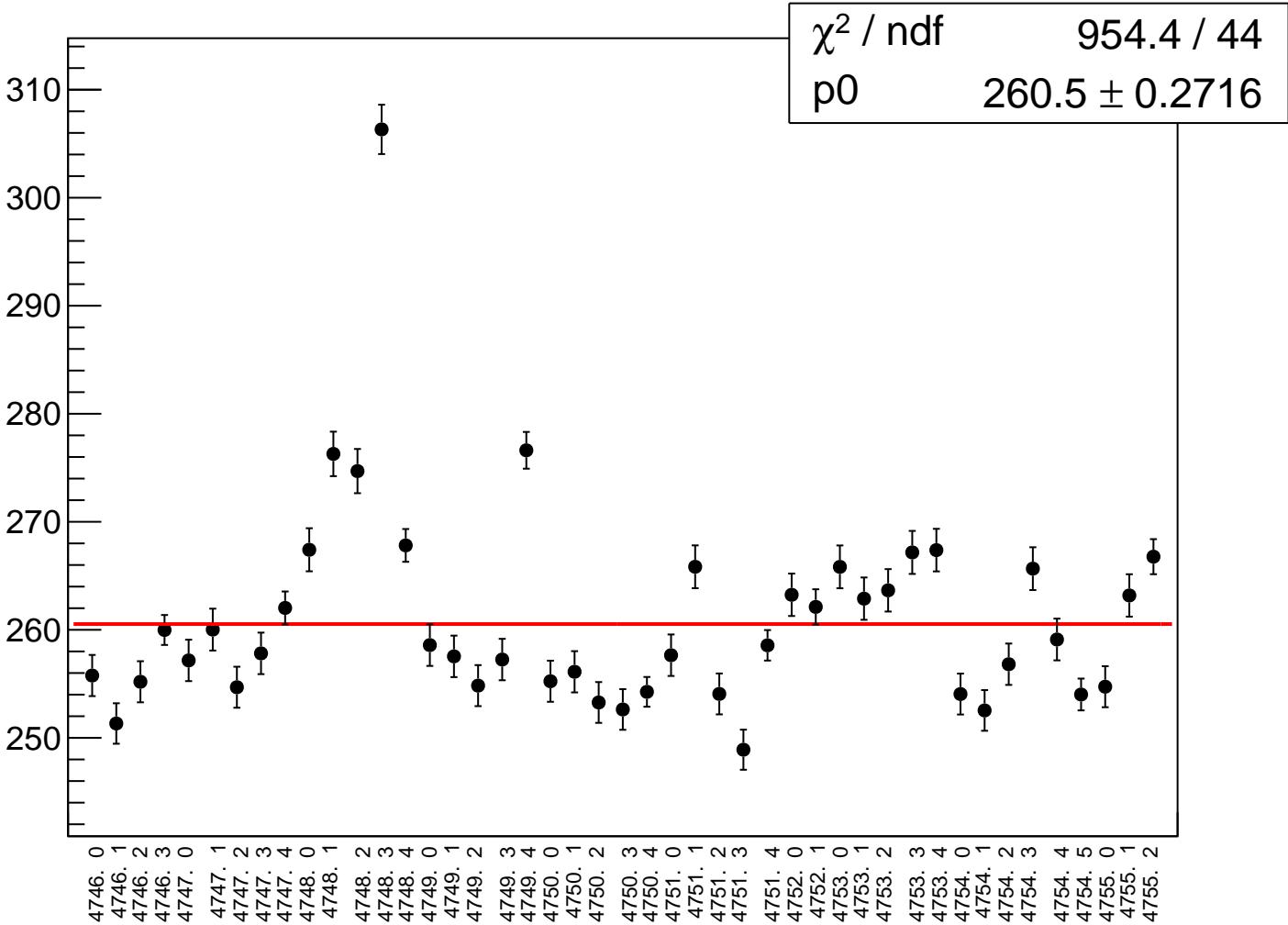
asym_bpm0i07WS_rms vs run



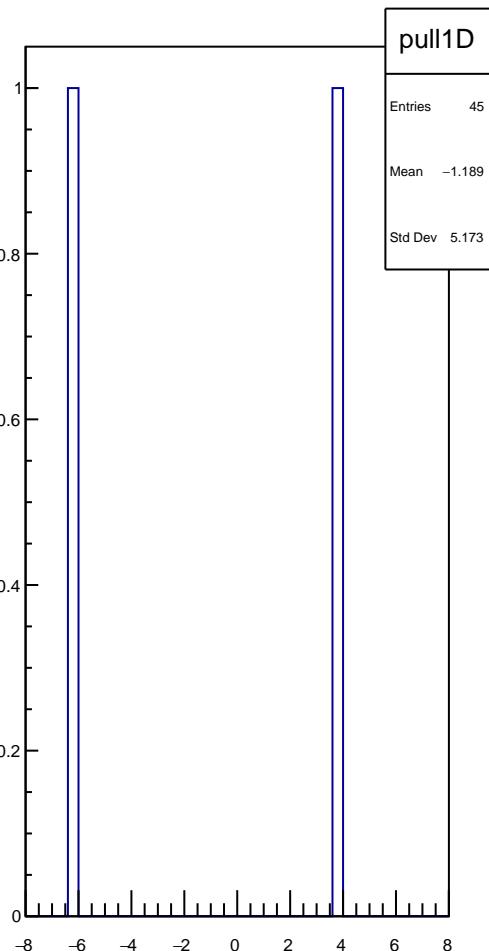
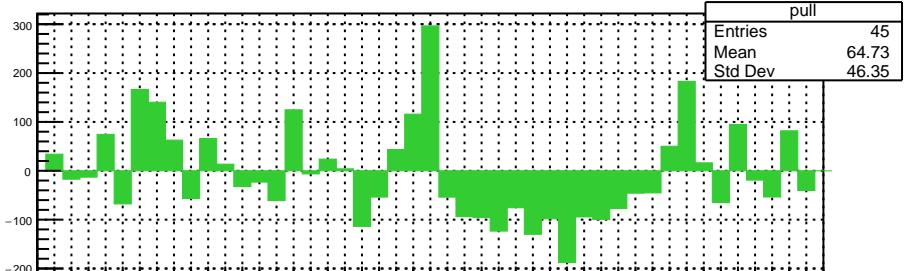
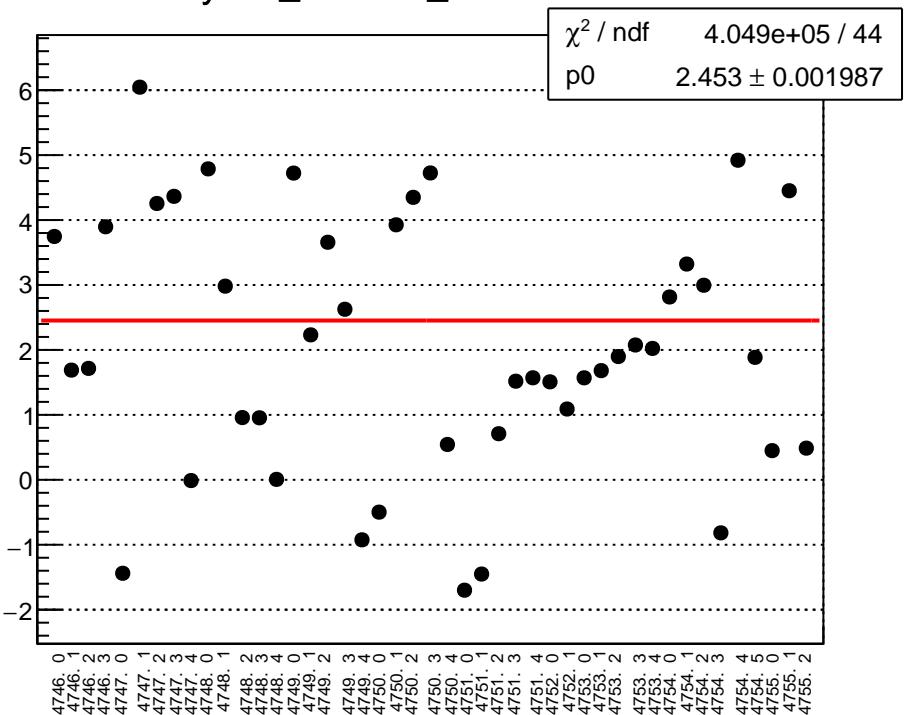
asym_bpm0l01WS_mean vs run



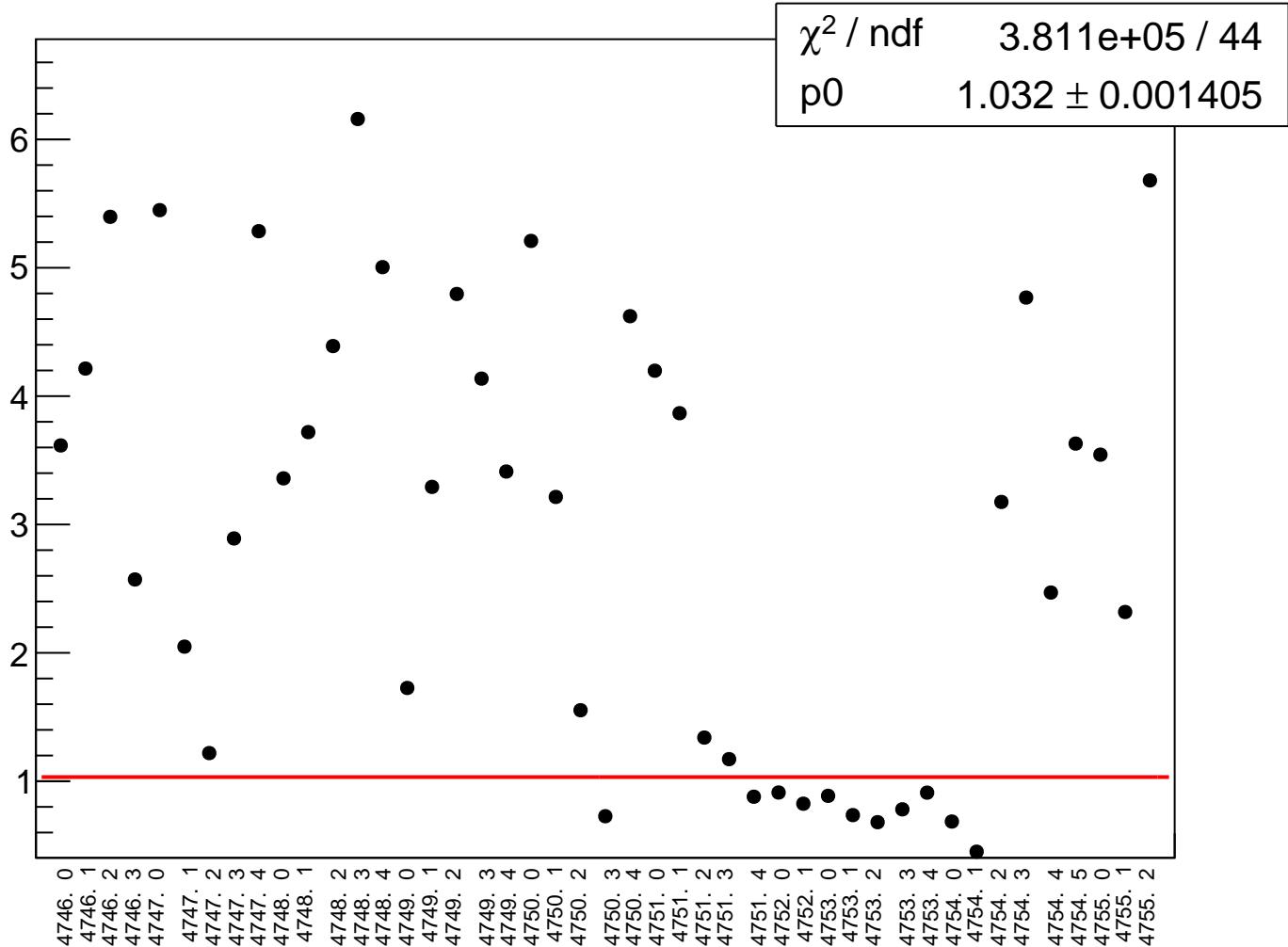
asym_bpm0l01WS_rms vs run



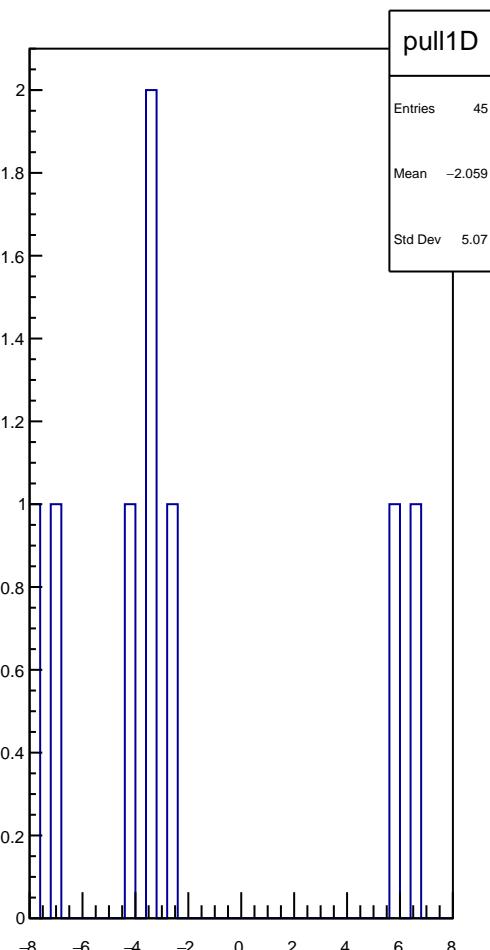
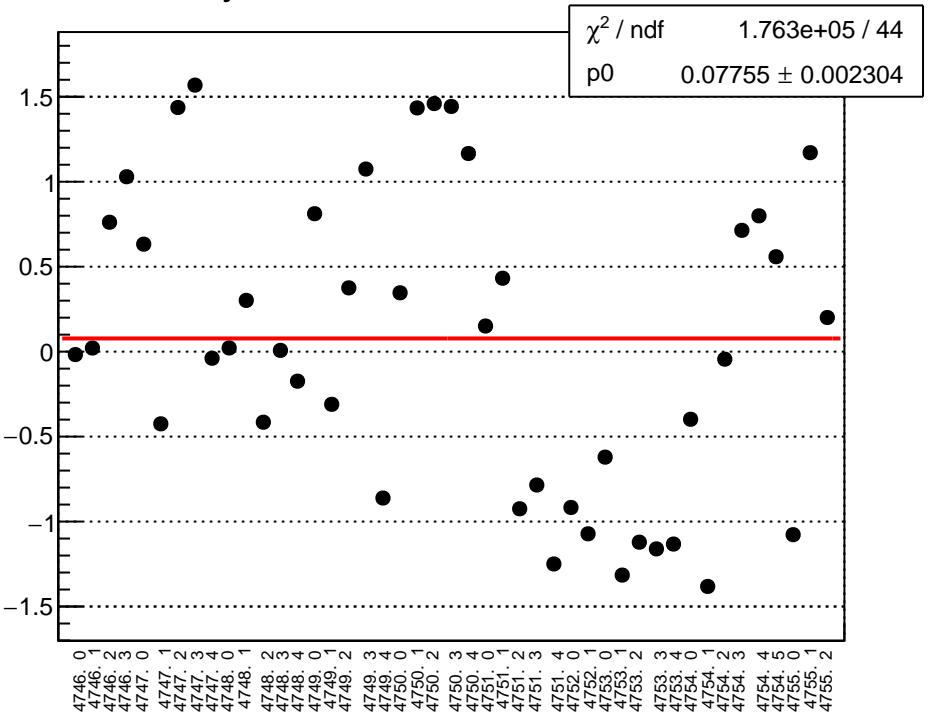
yield_cav4bX_mean vs run



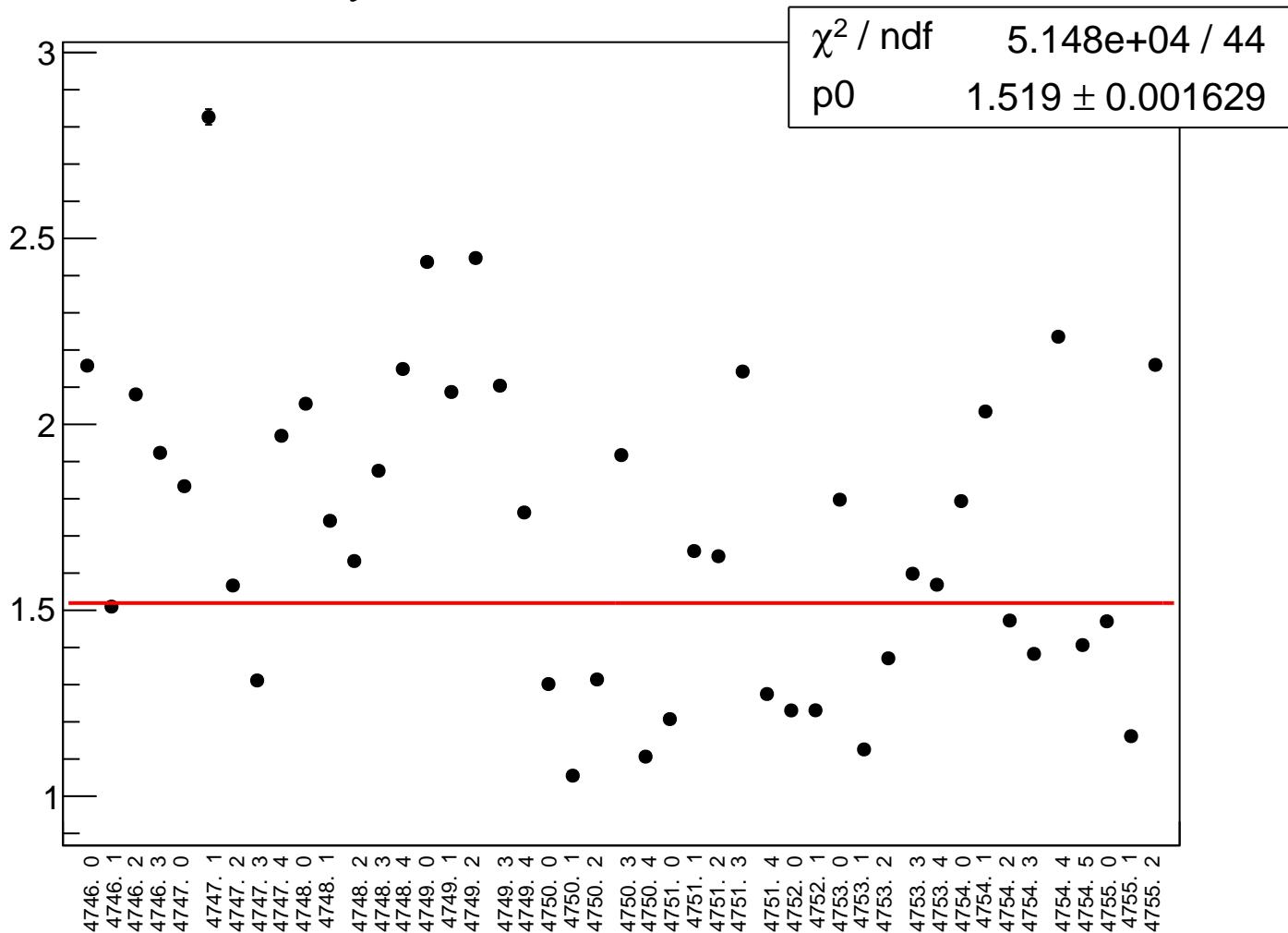
yield_cav4bX_rms vs run



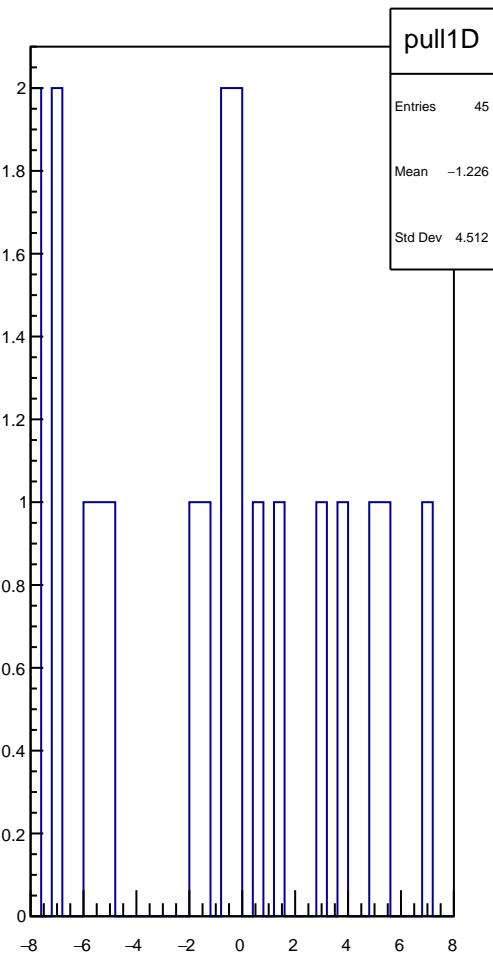
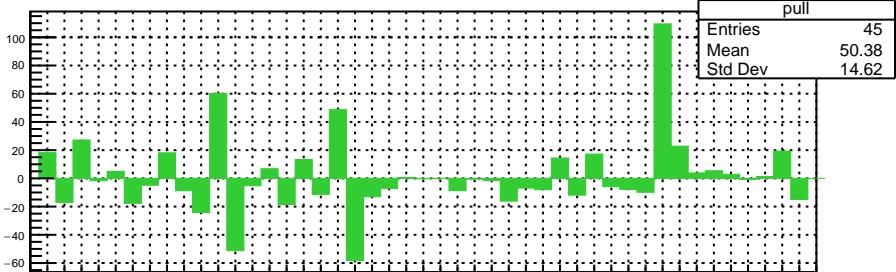
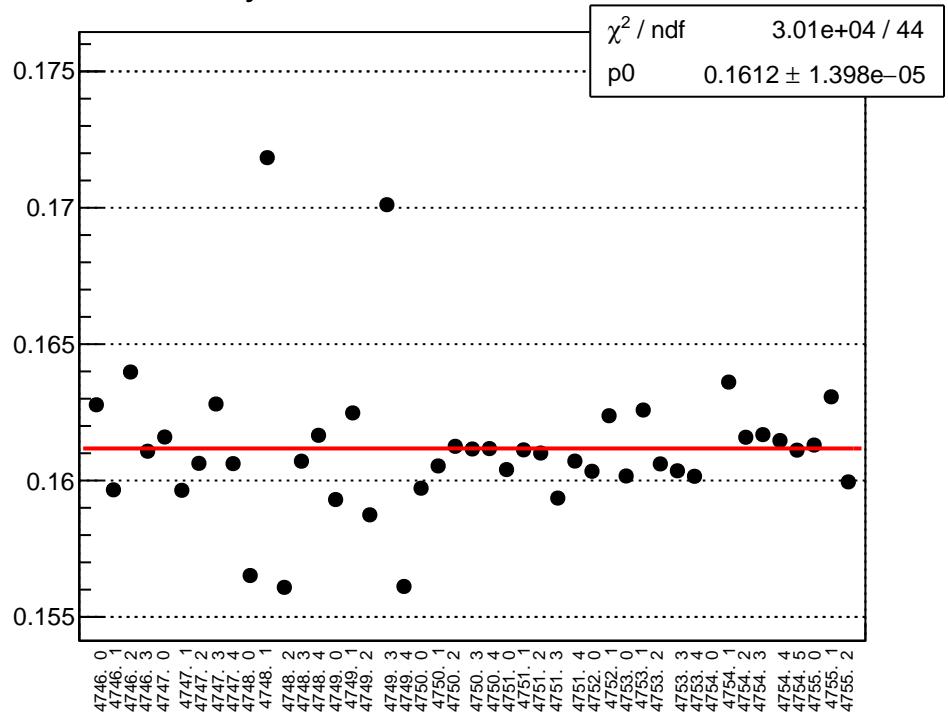
yield_cav4bY_mean vs run



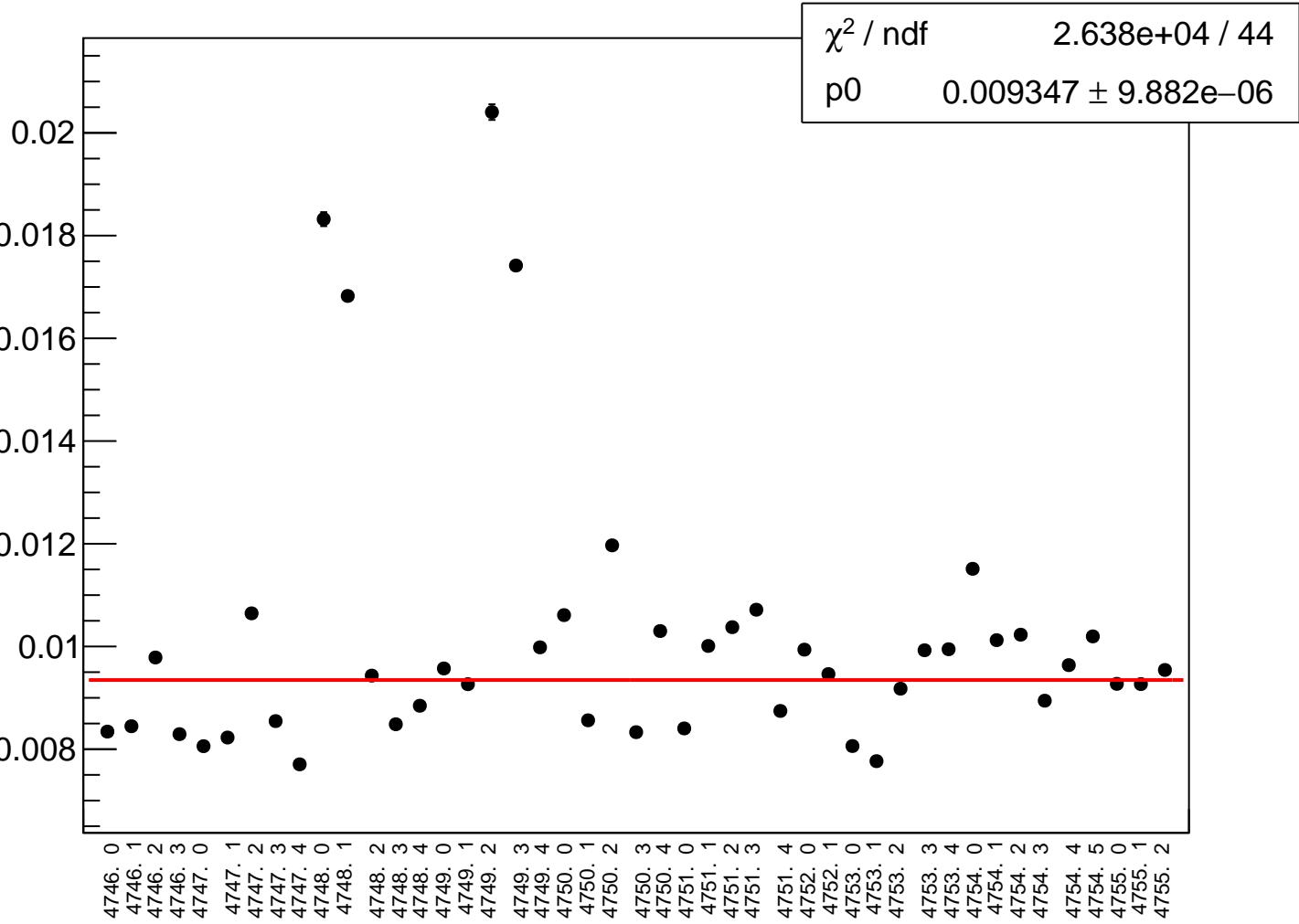
yield_cav4bY_rms vs run



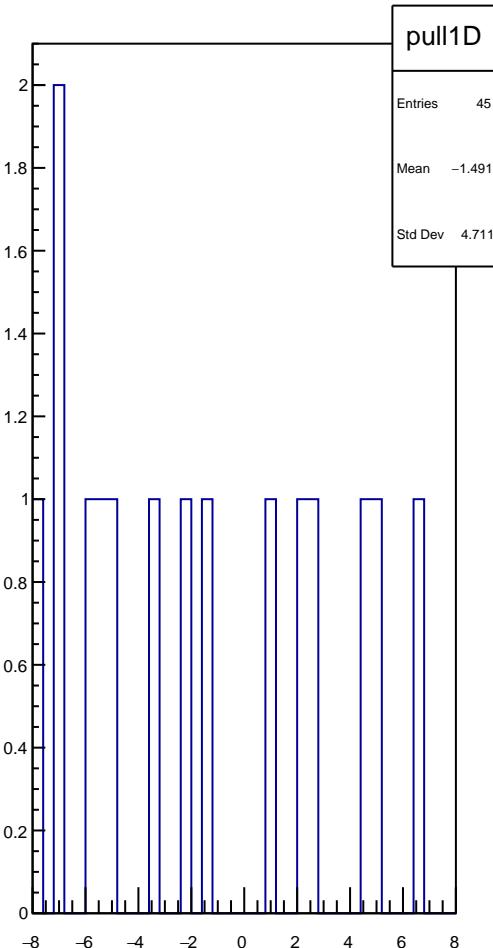
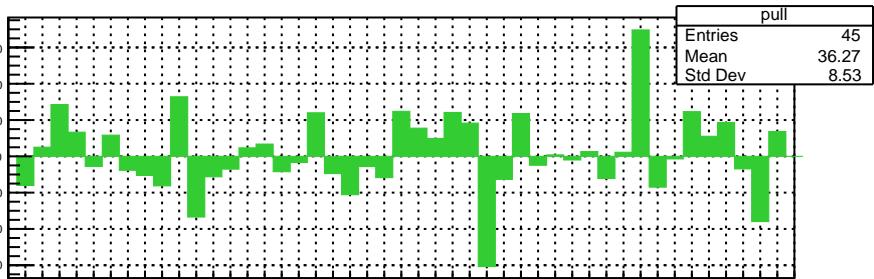
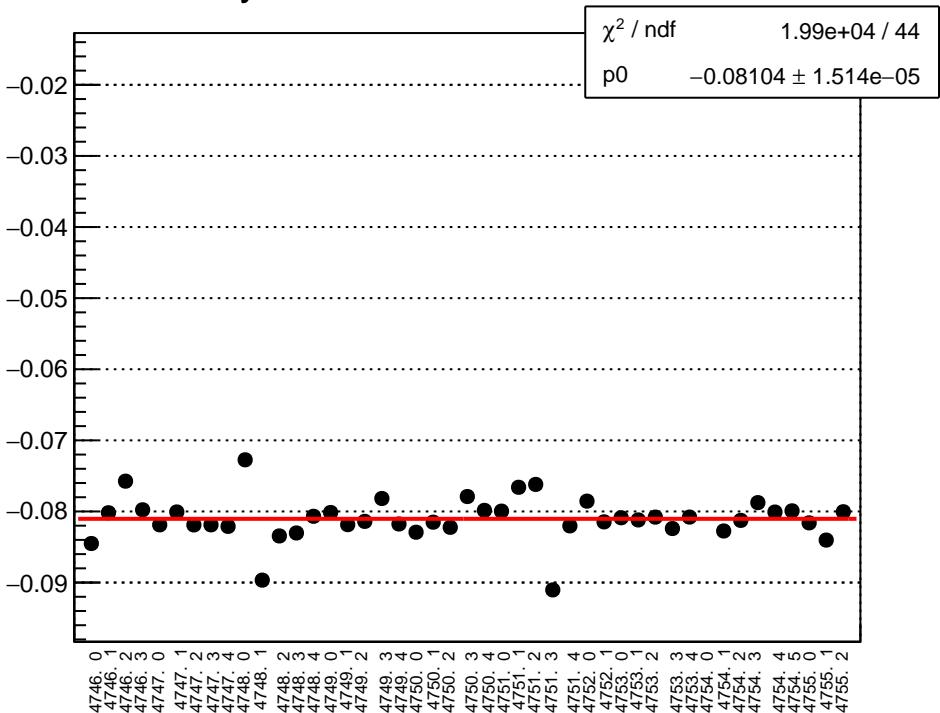
yield_cav4cX_mean vs run



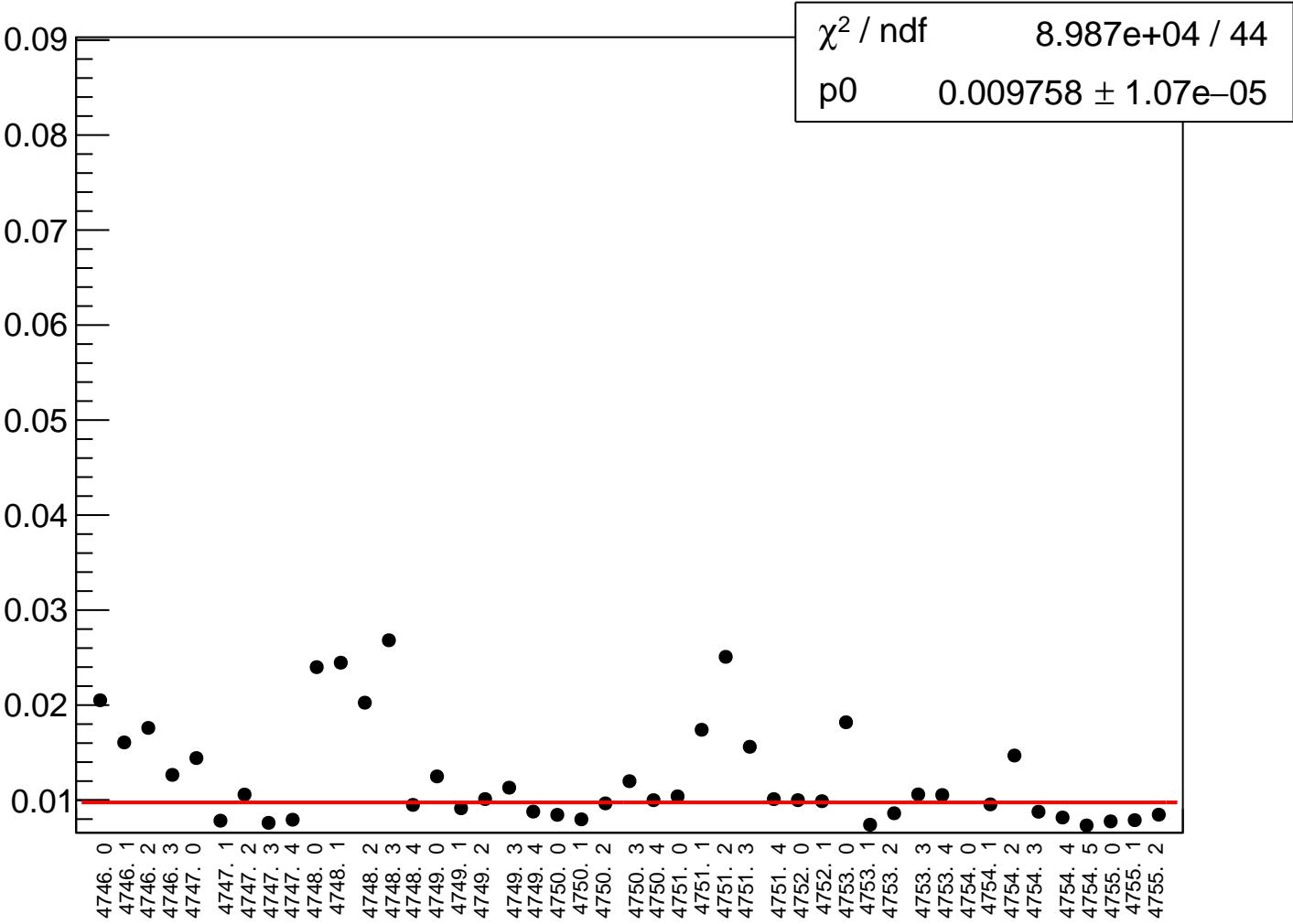
yield_cav4cX_rms vs run



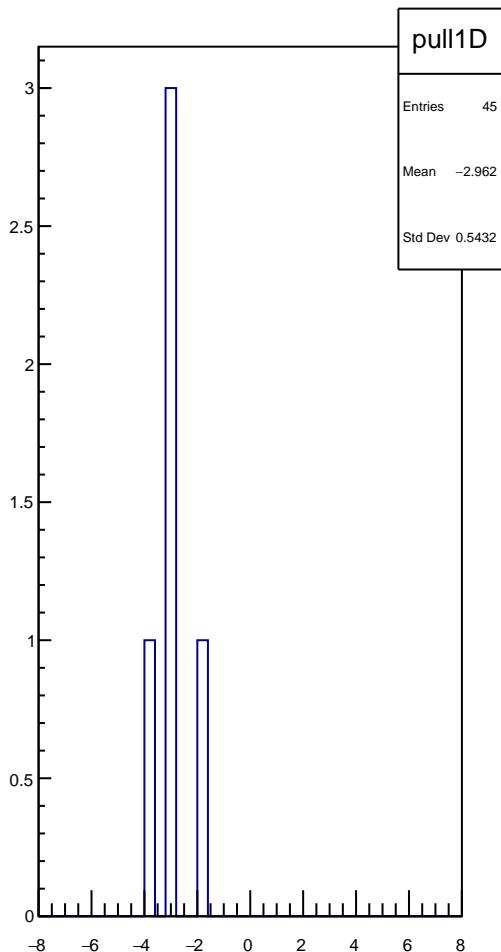
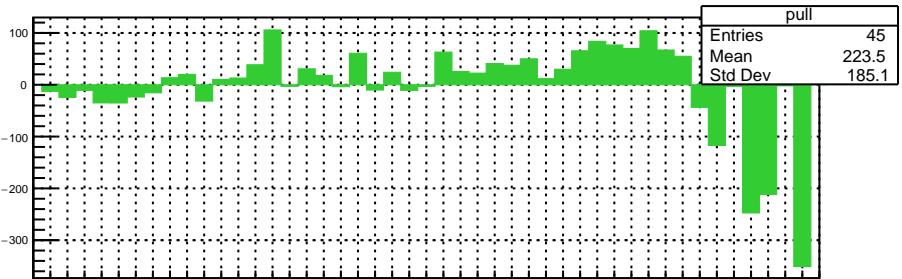
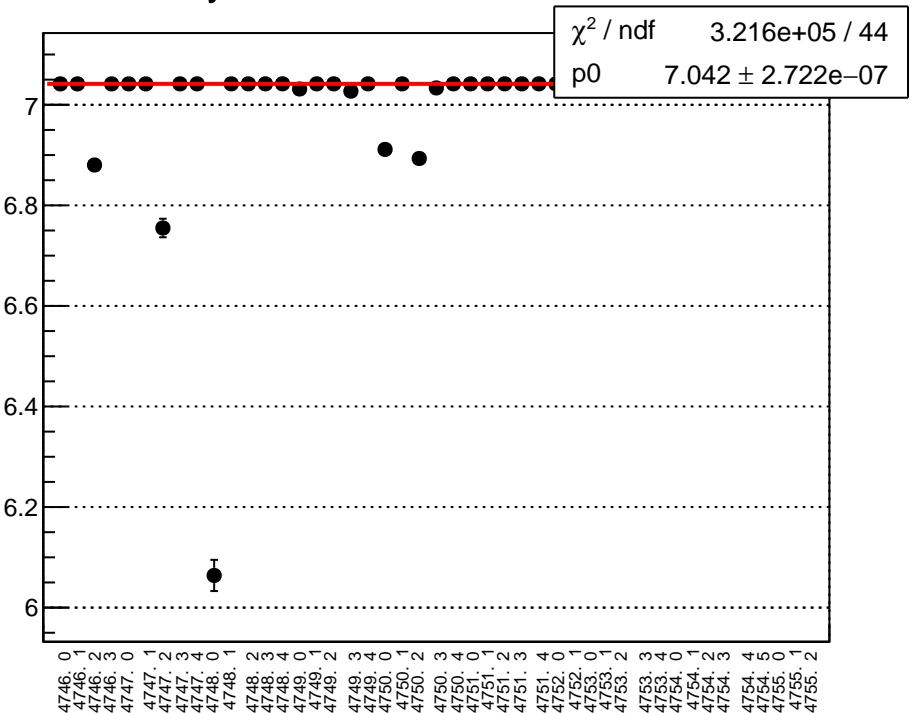
yield_cav4cY_mean vs run



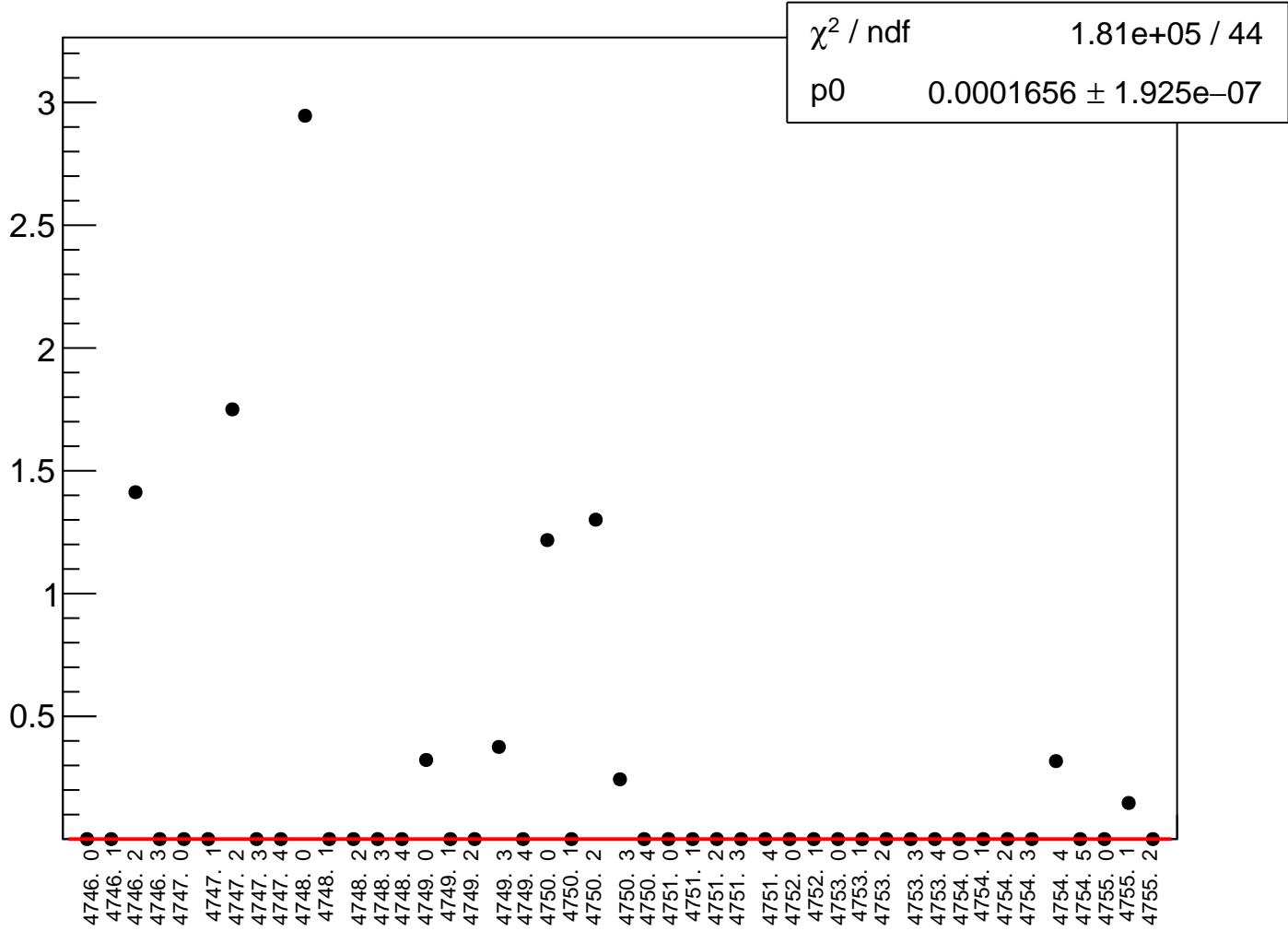
yield_cav4cY_rms vs run



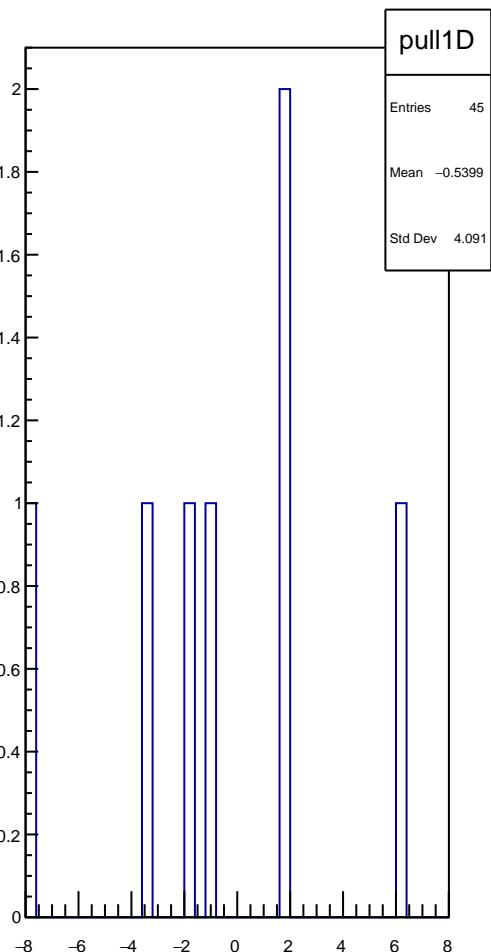
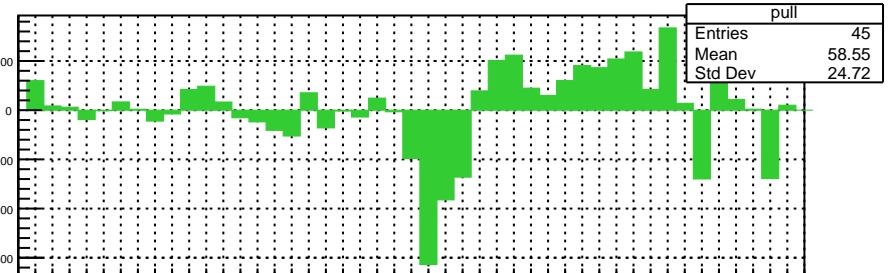
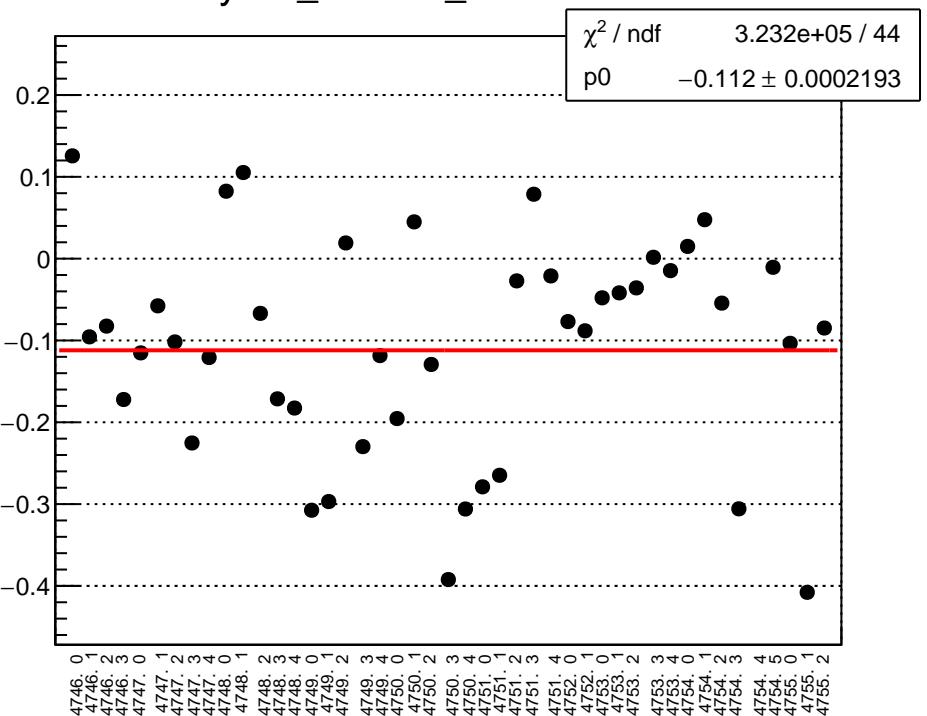
yield_cav4dX_mean vs run



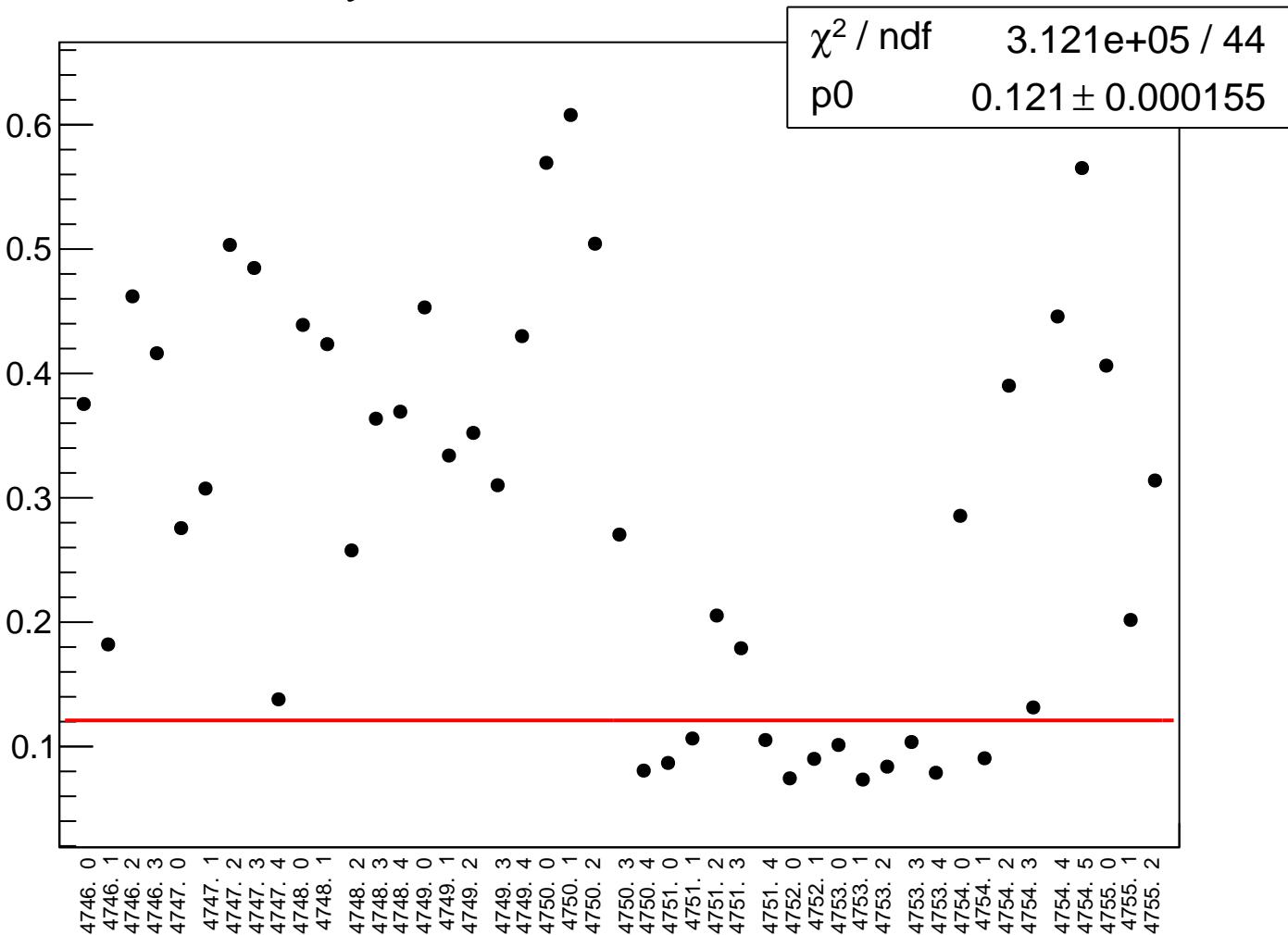
yield_cav4dX_rms vs run



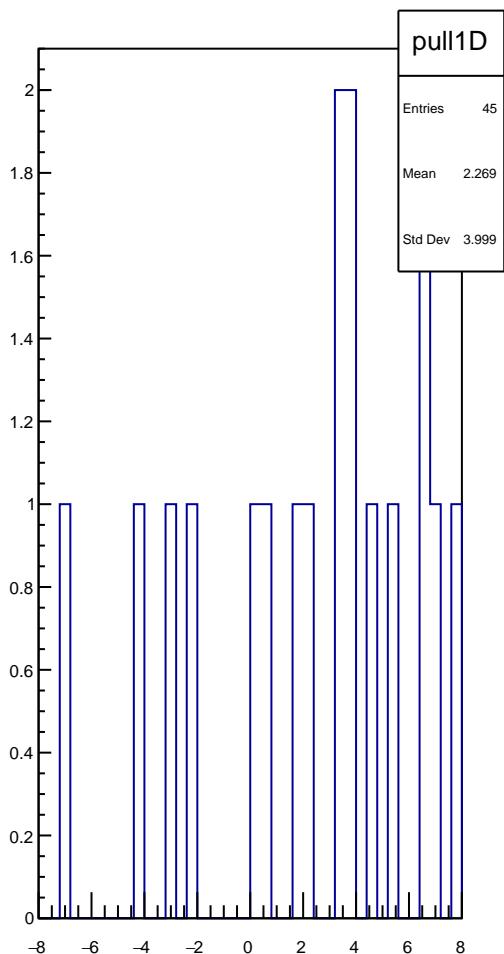
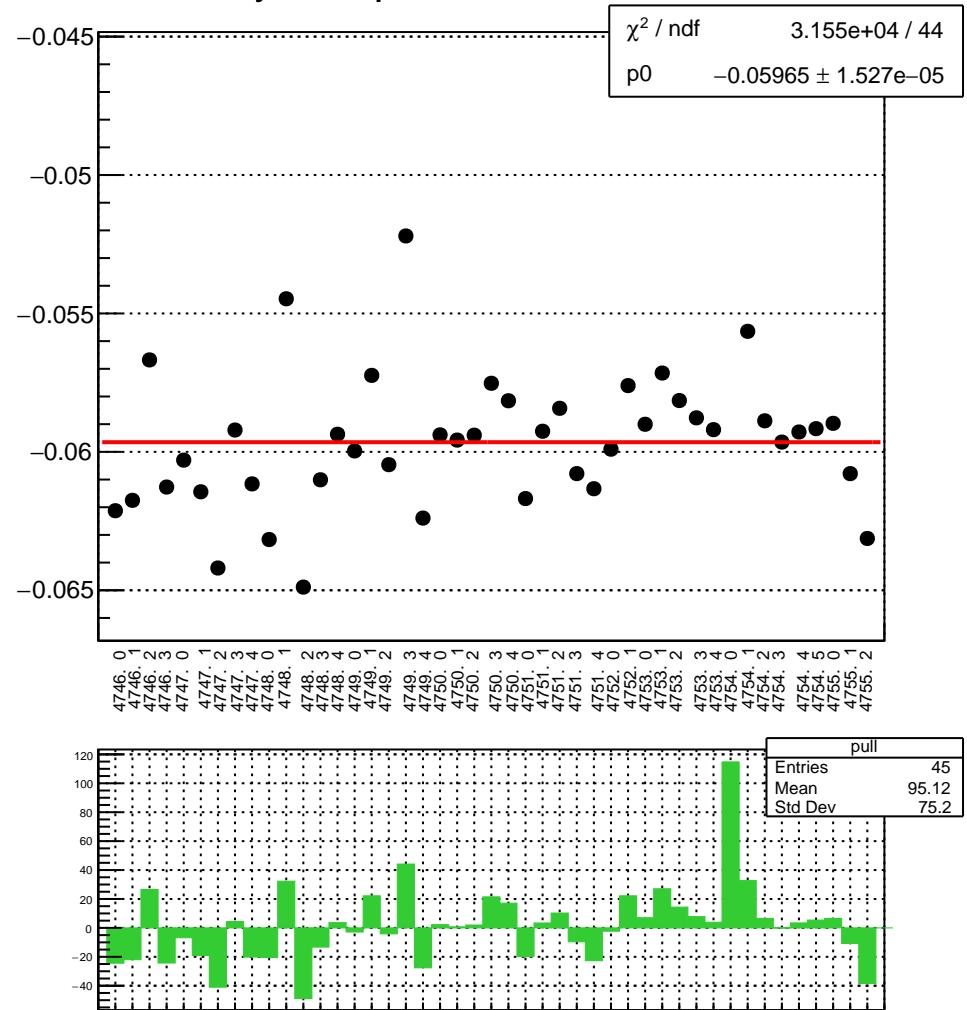
yield_cav4dY_mean vs run



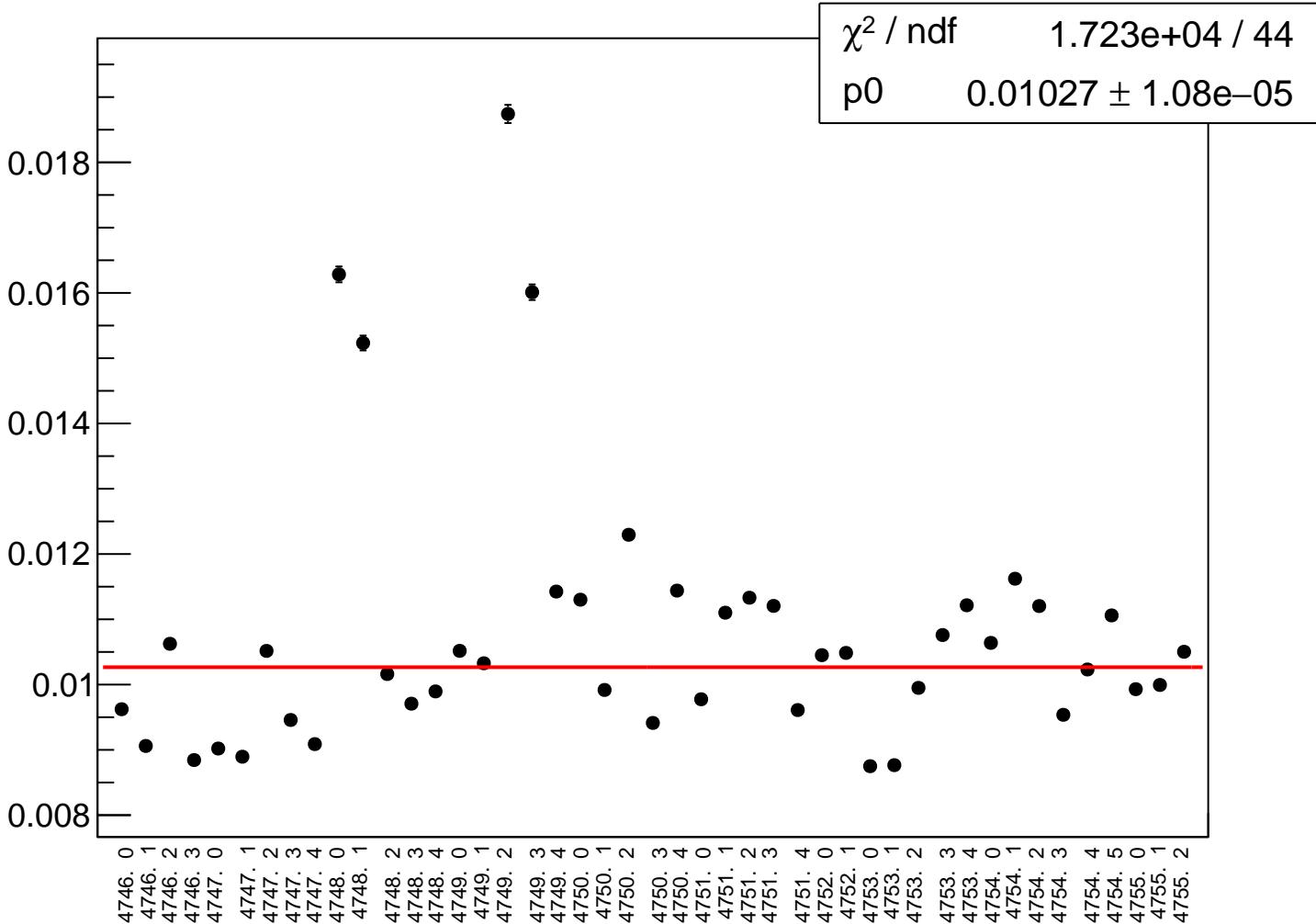
yield_cav4dY_rms vs run



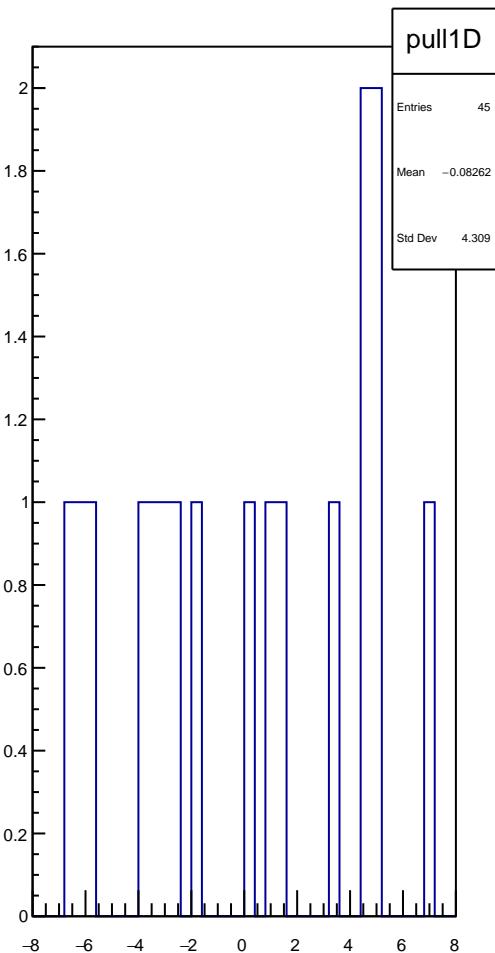
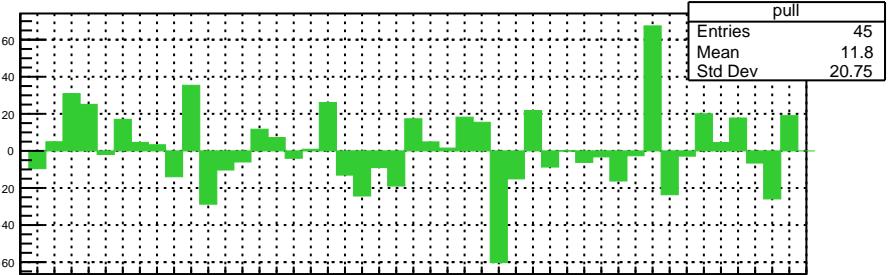
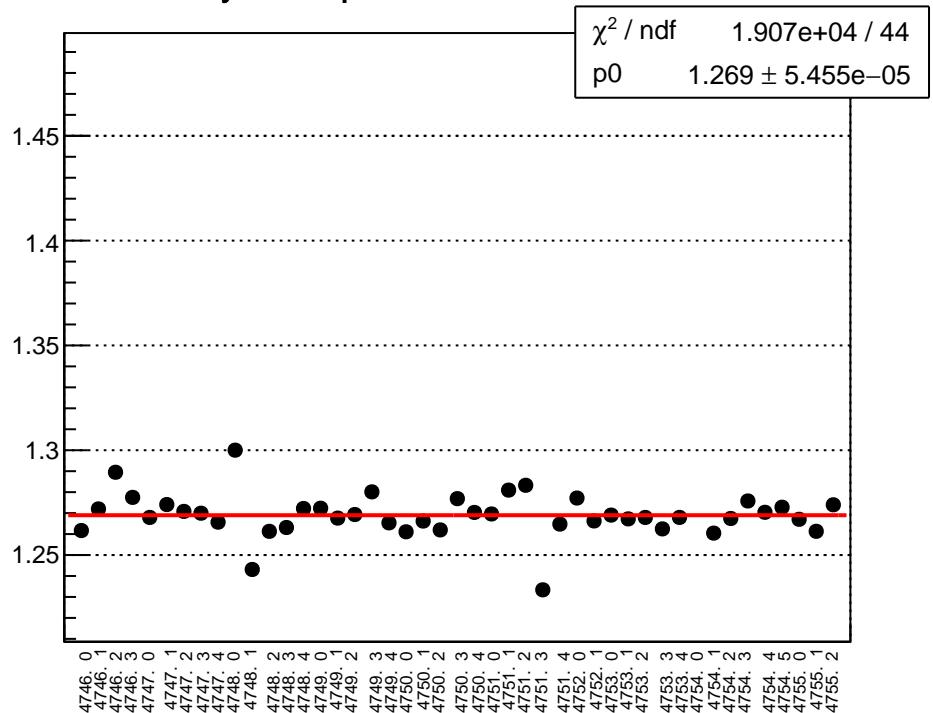
yield_bpm4aX_mean vs run



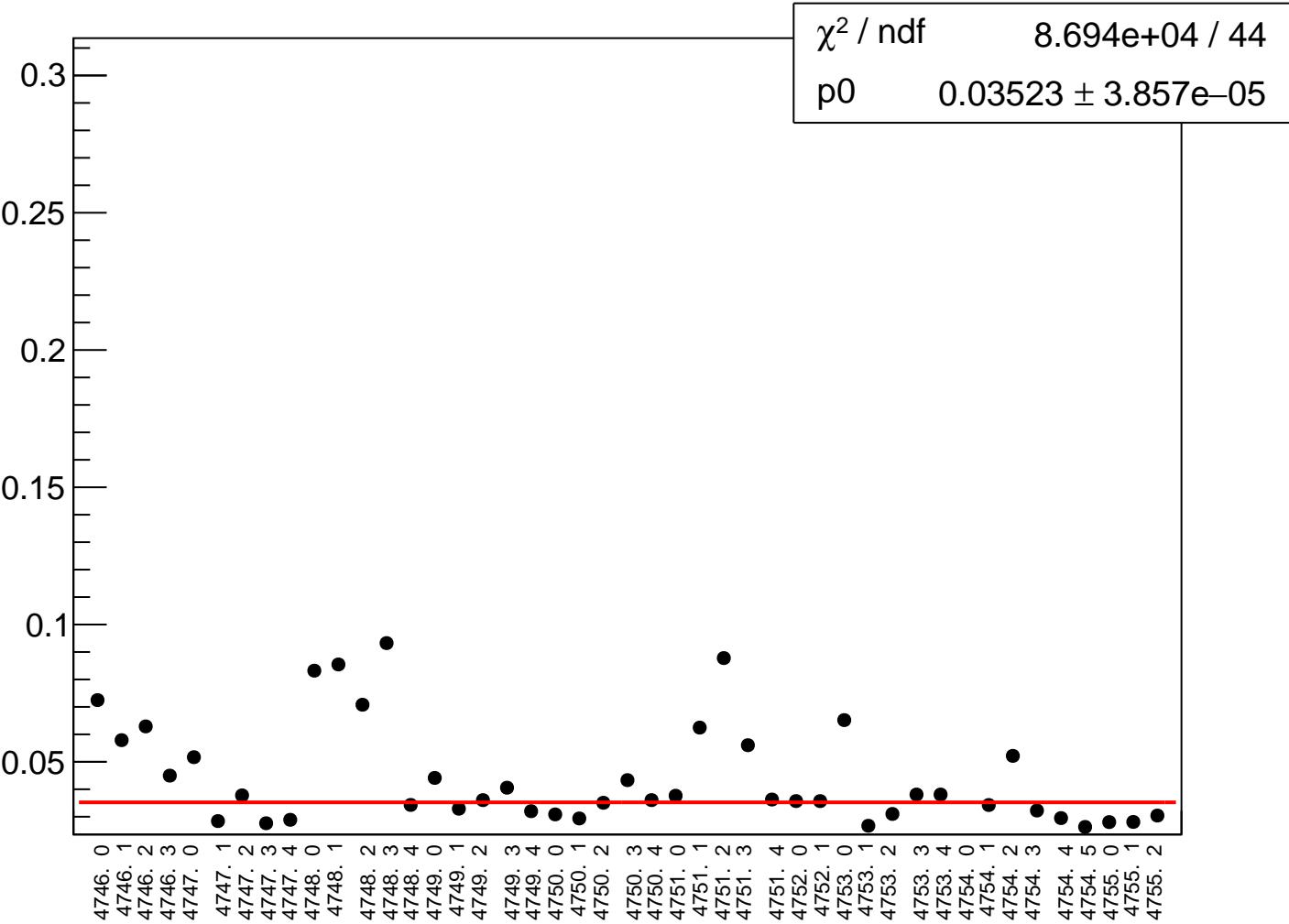
yield_bpm4aX_rms vs run



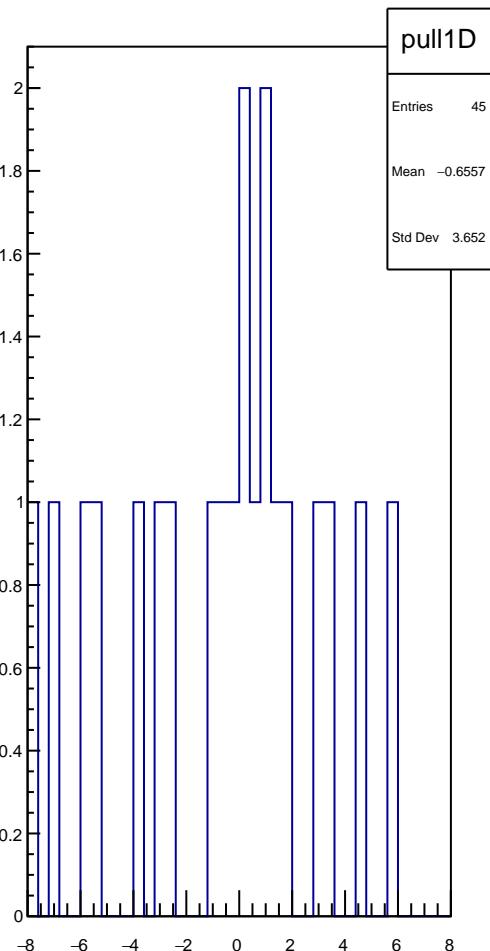
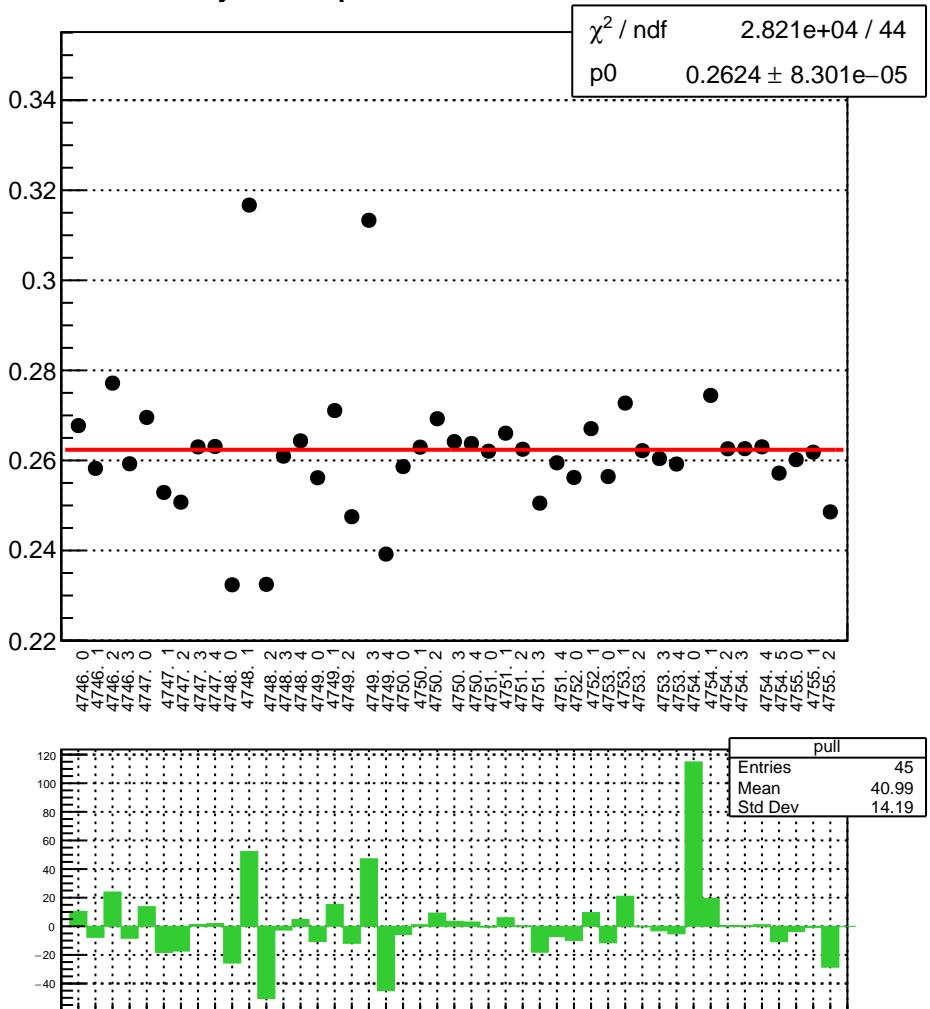
yield_bpm4aY_mean vs run



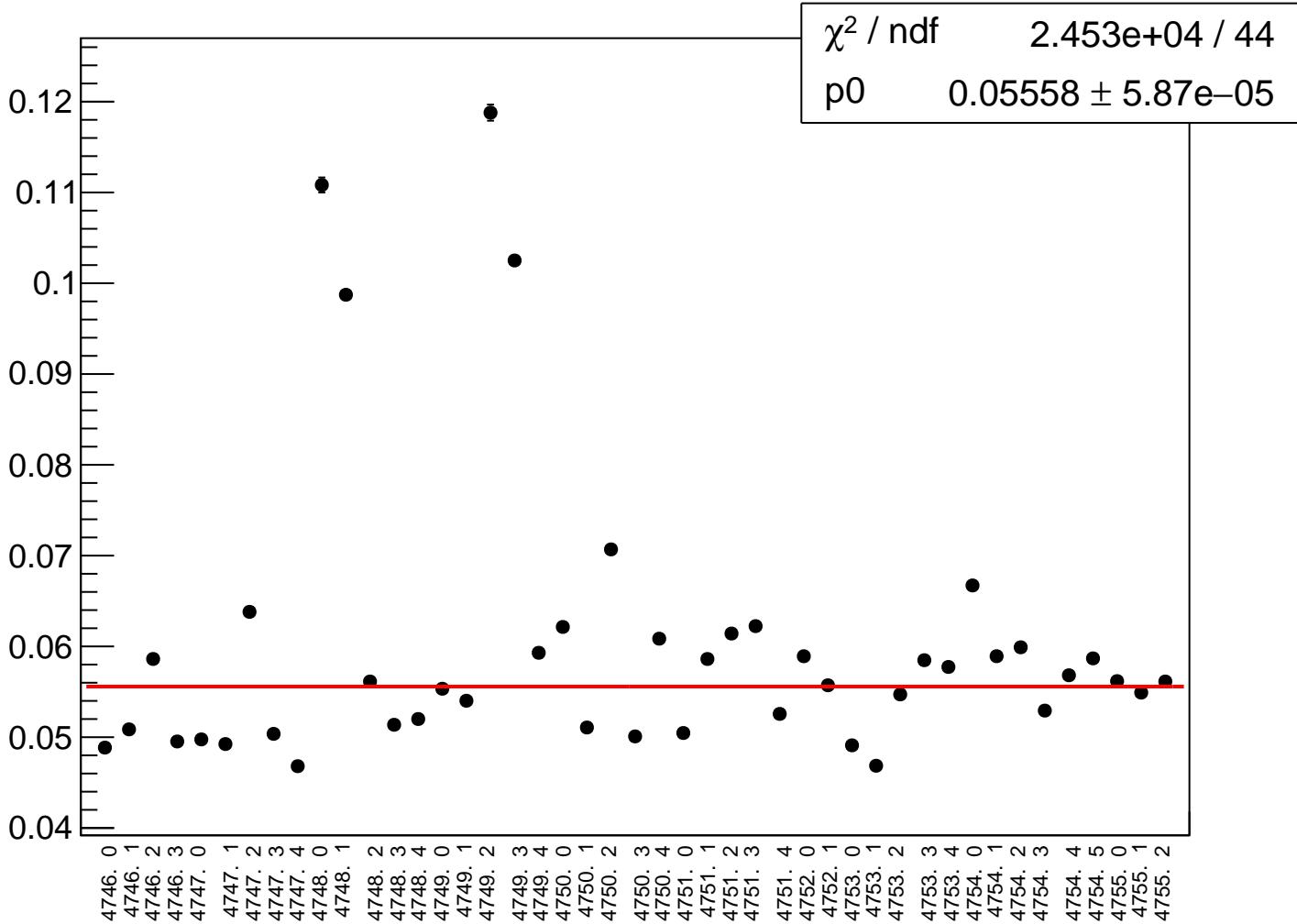
yield_bpm4aY_rms vs run



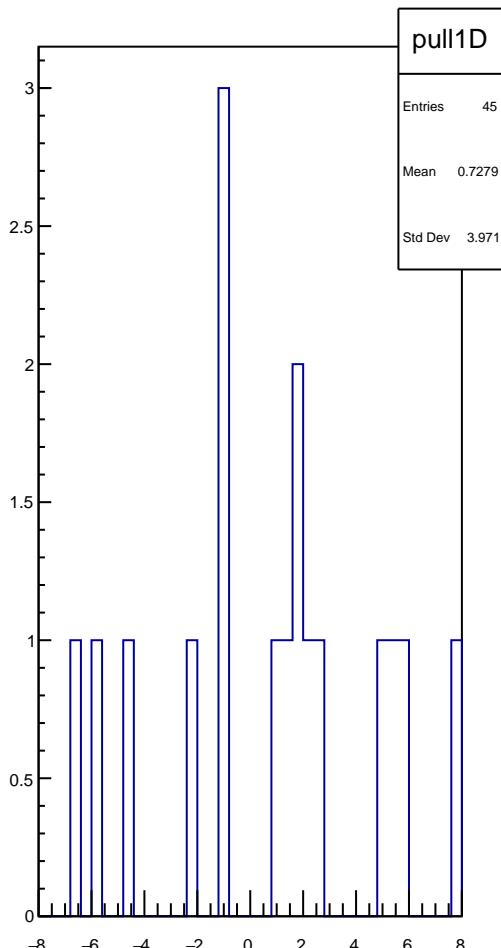
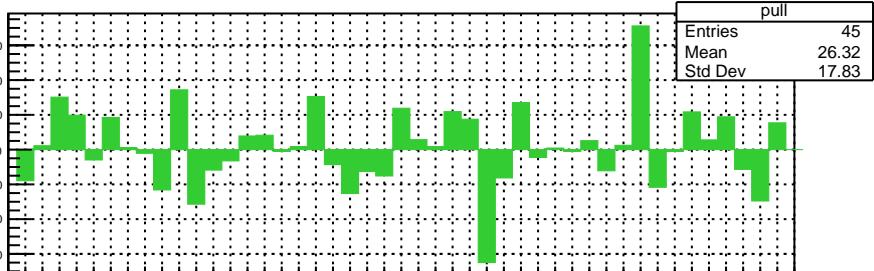
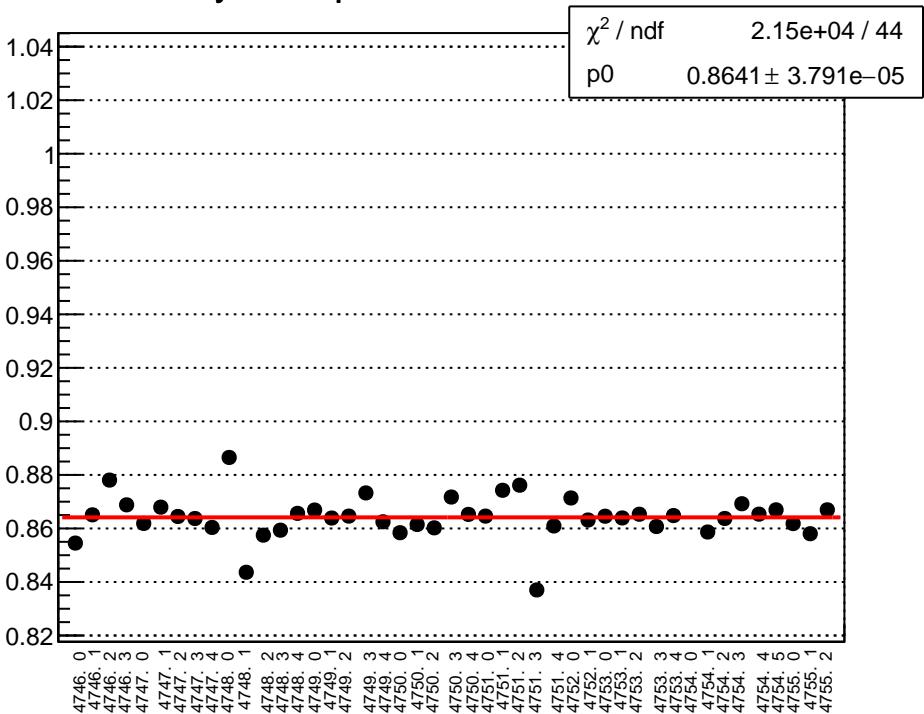
yield_bpm4eX_mean vs run



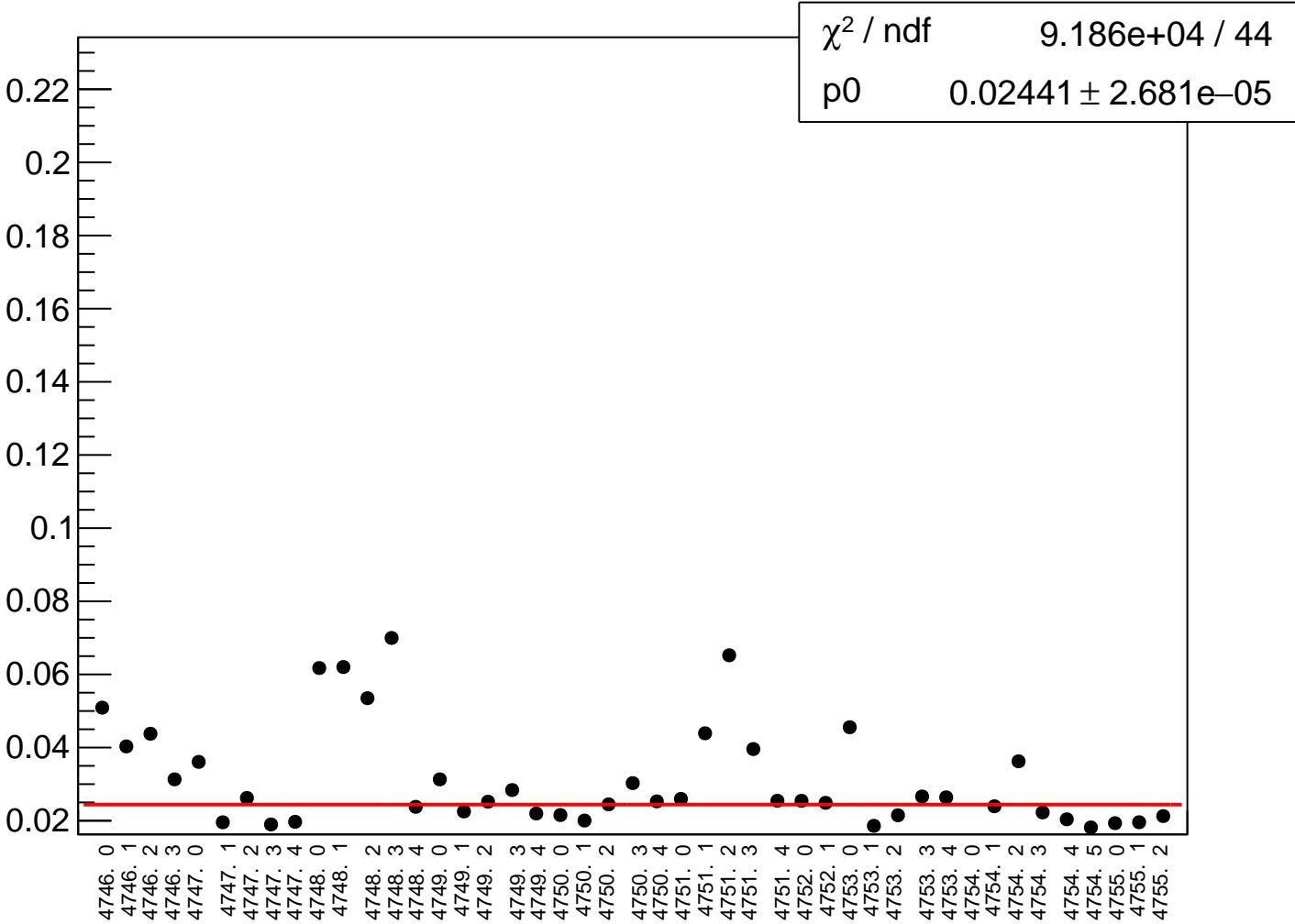
yield_bpm4eX_rms vs run



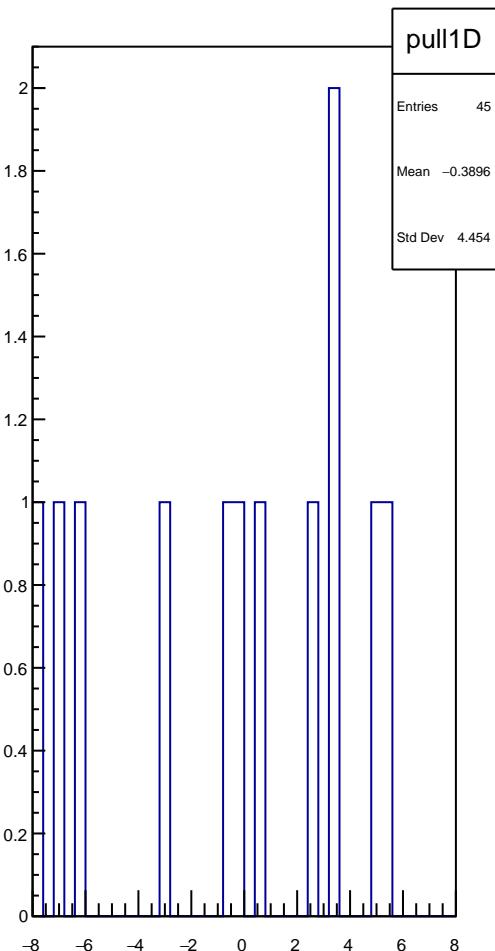
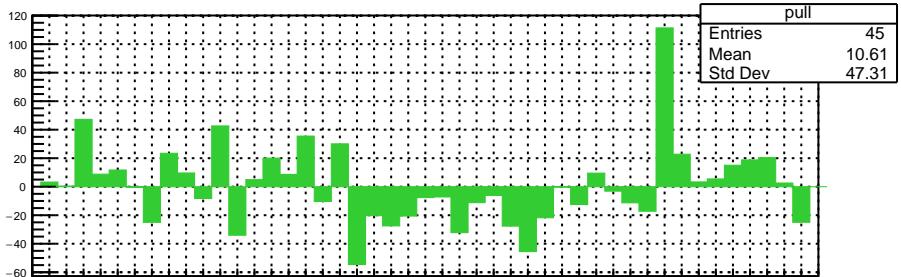
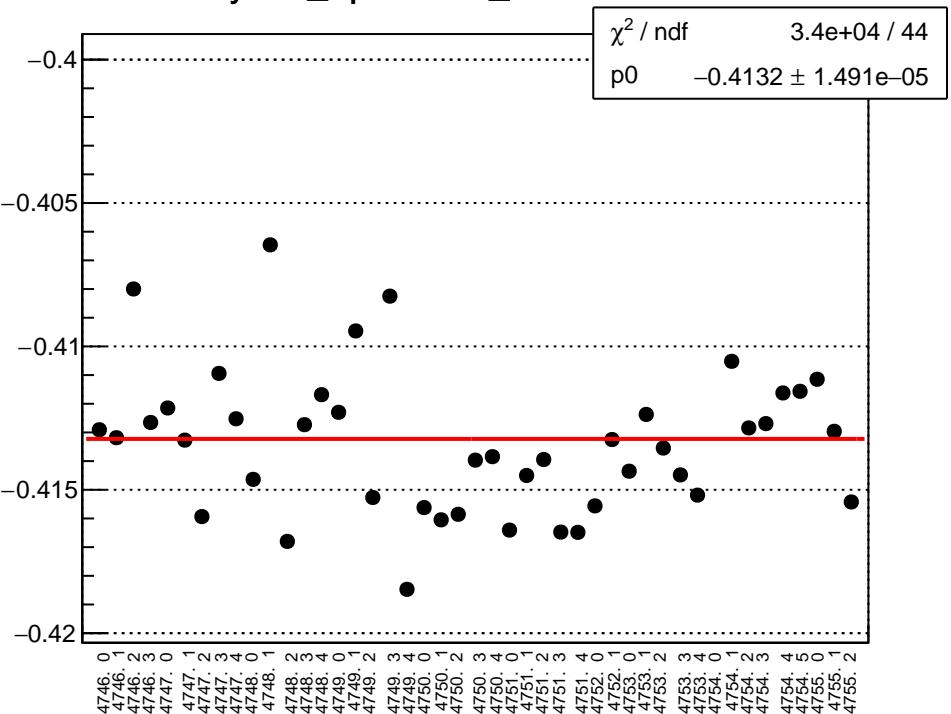
yield_bpm4eY_mean vs run



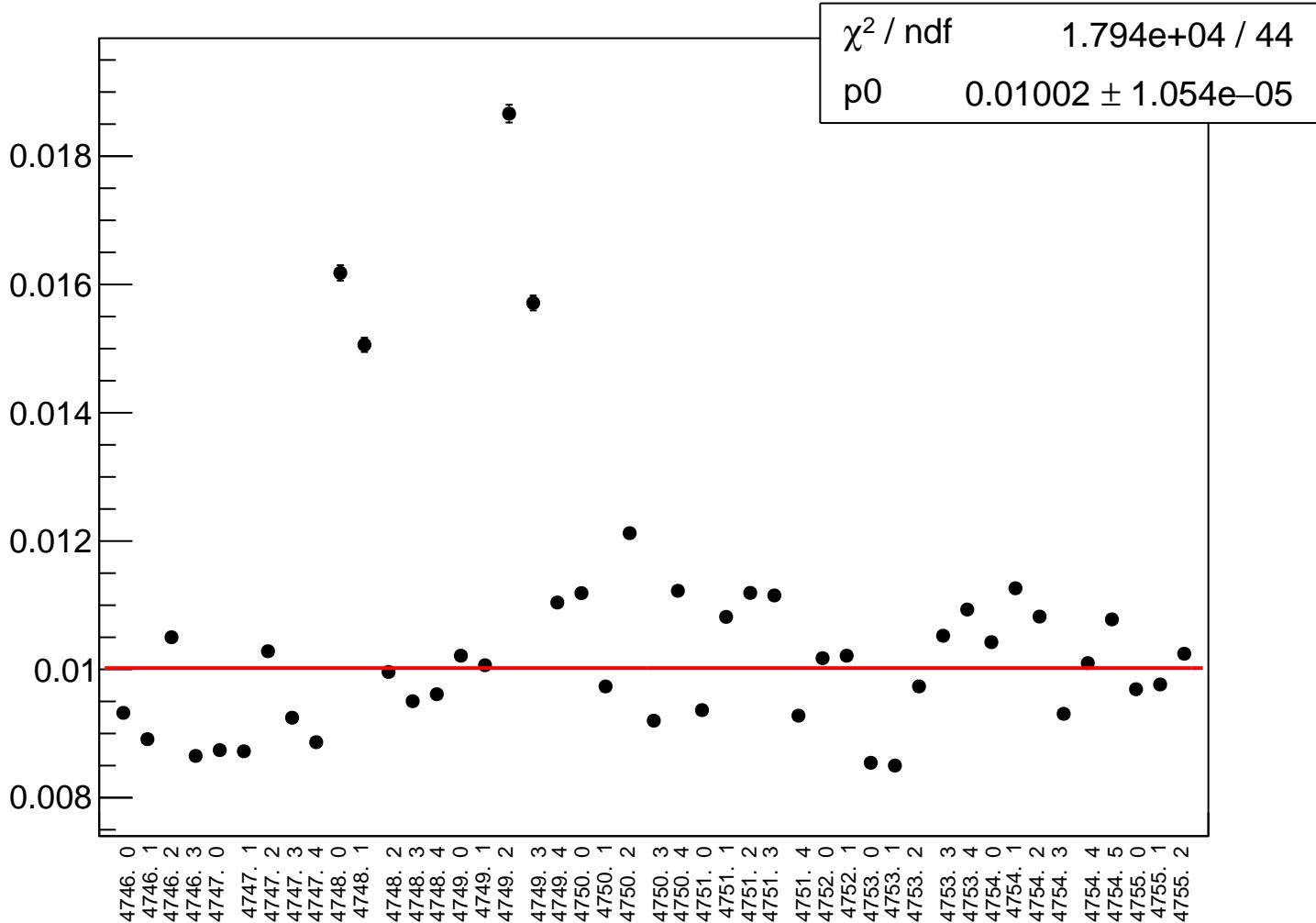
yield_bpm4eY_rms vs run



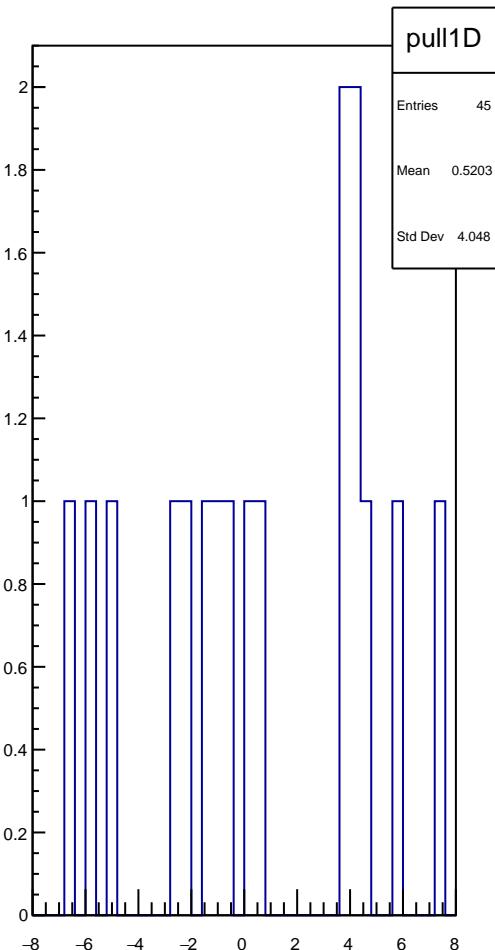
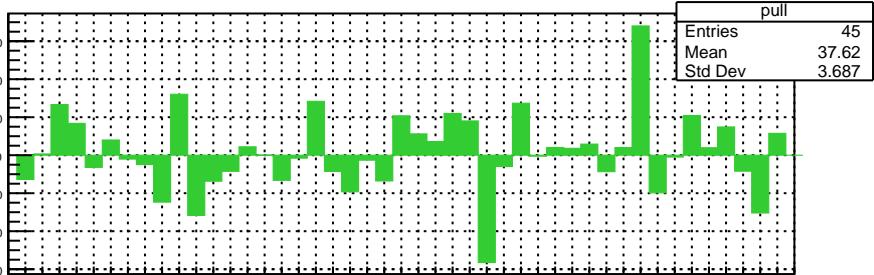
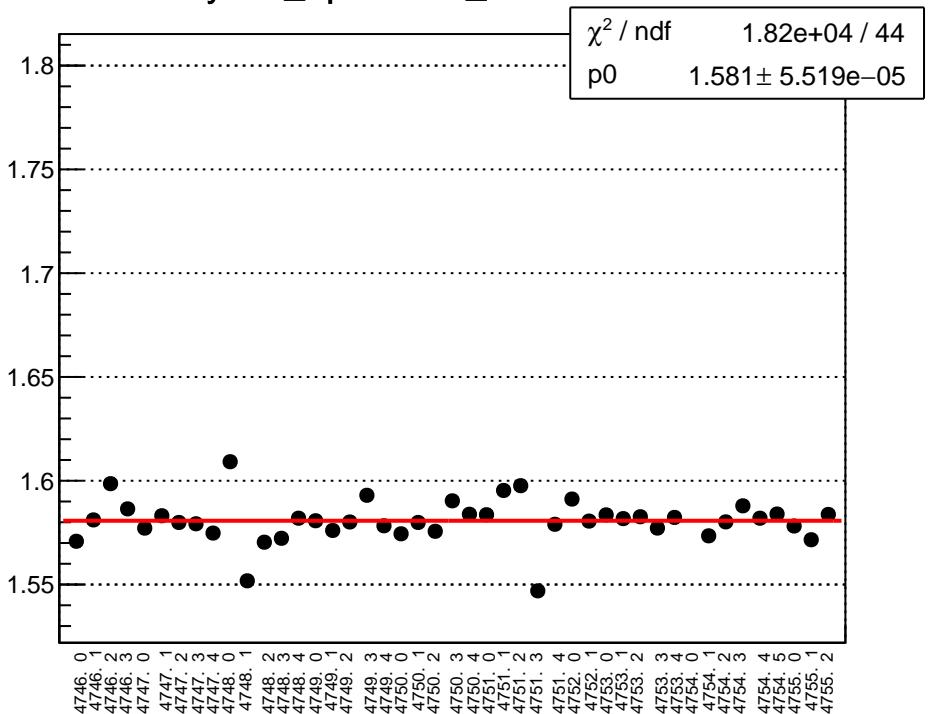
yield_bpm4acX_mean vs run



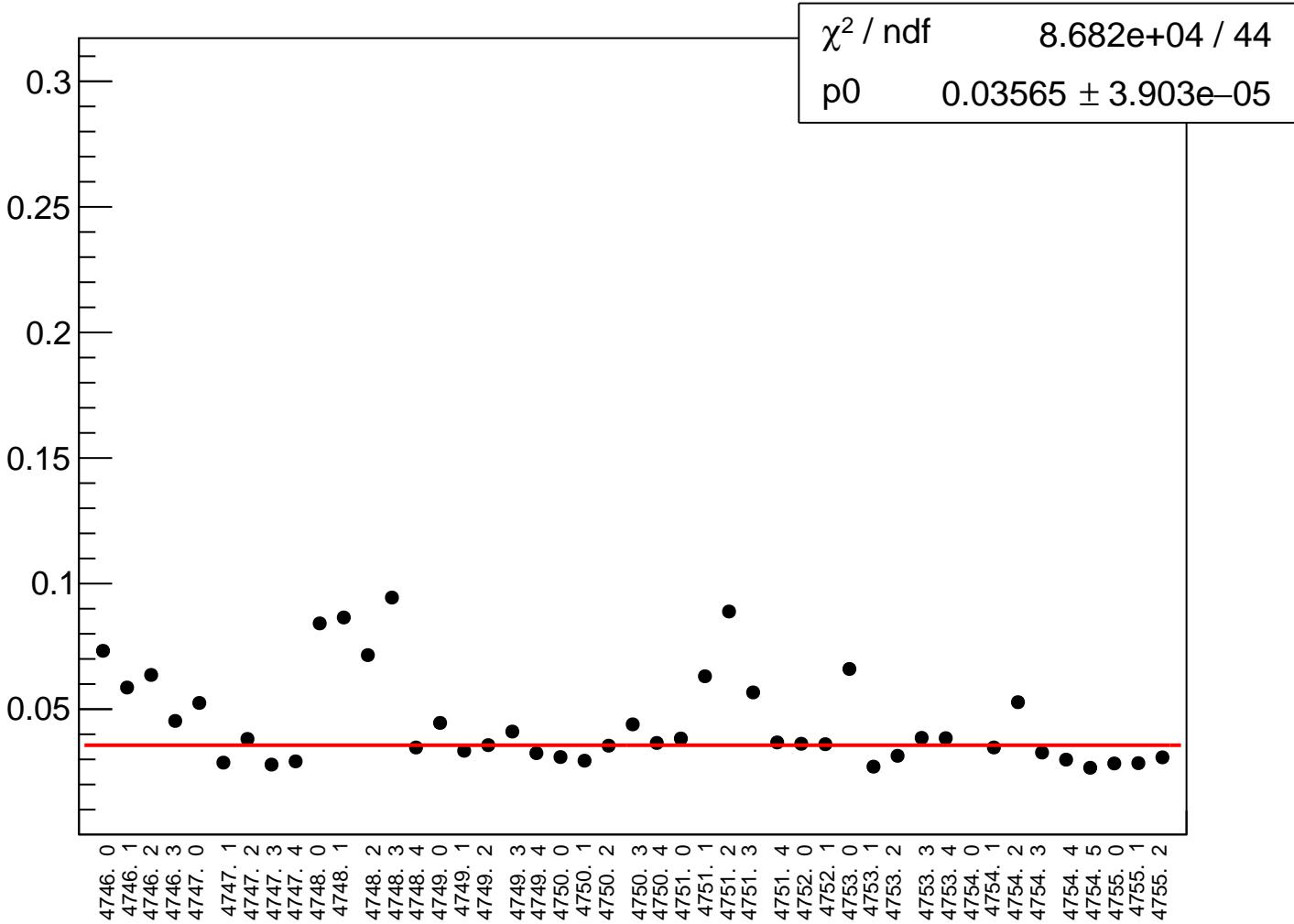
yield_bpm4acX_rms vs run



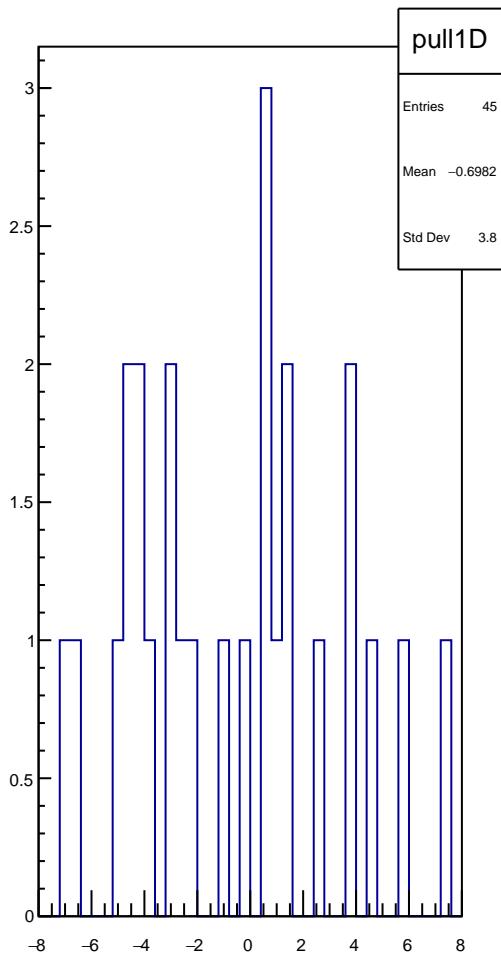
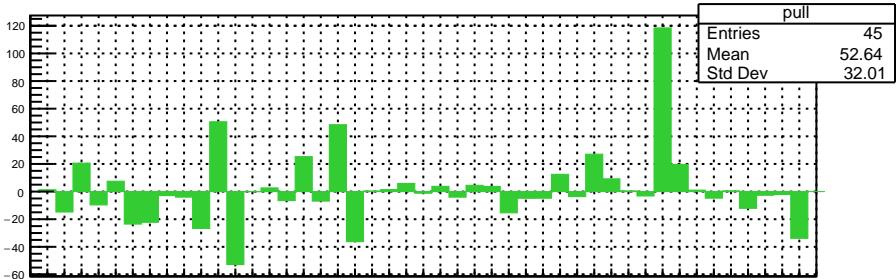
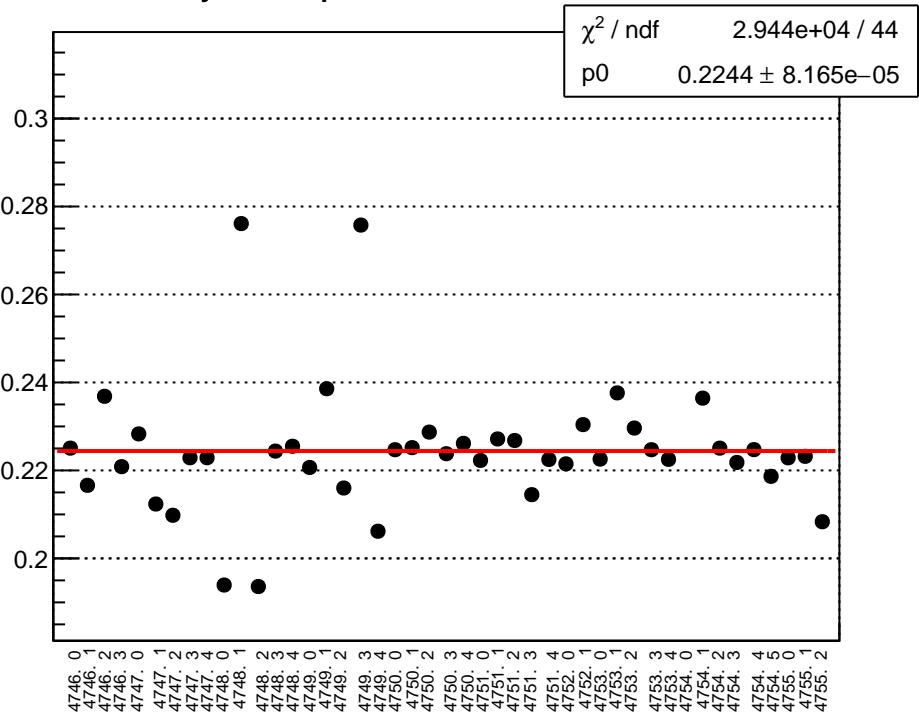
yield_bpm4acY_mean vs run



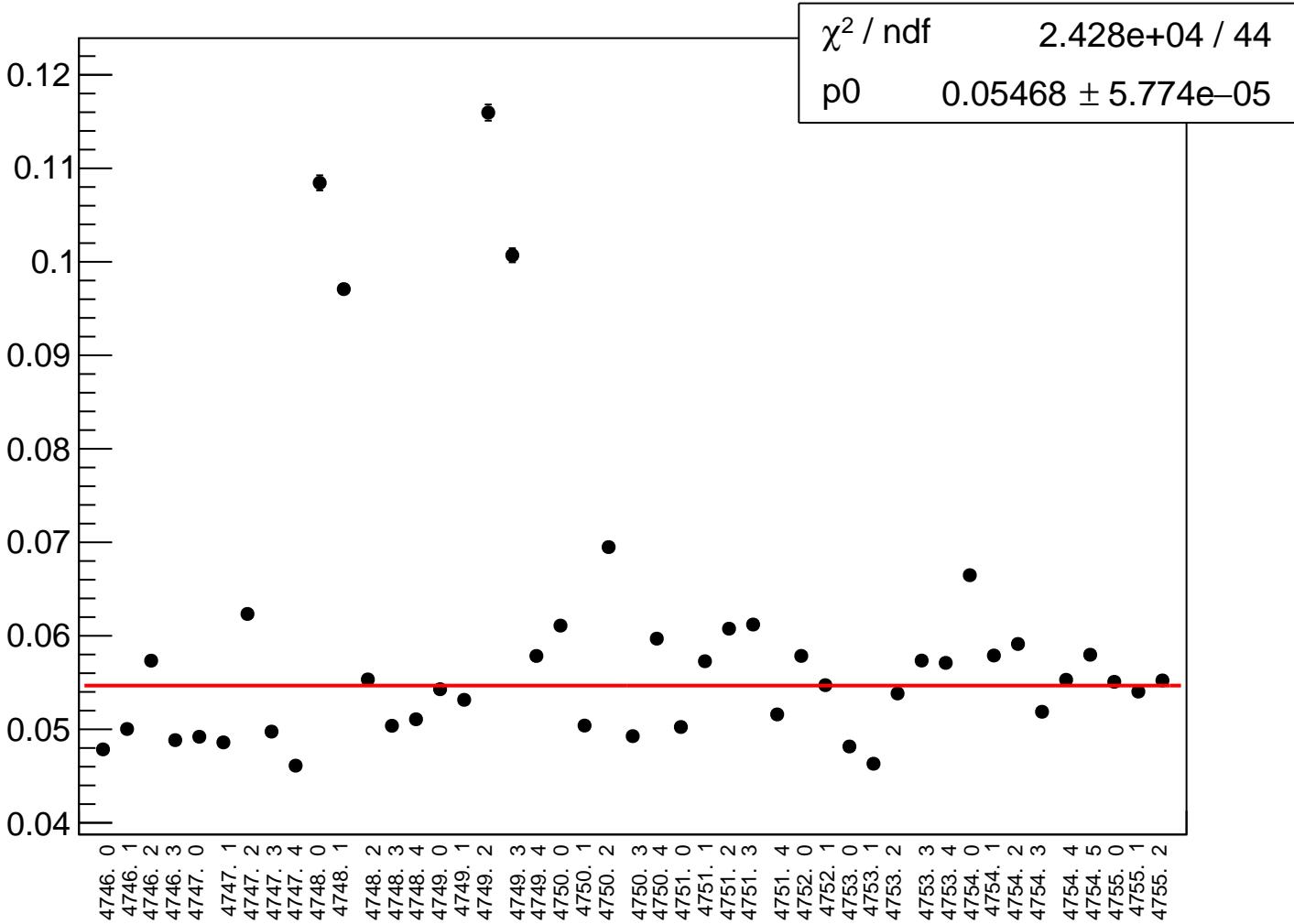
yield_bpm4acY_rms vs run



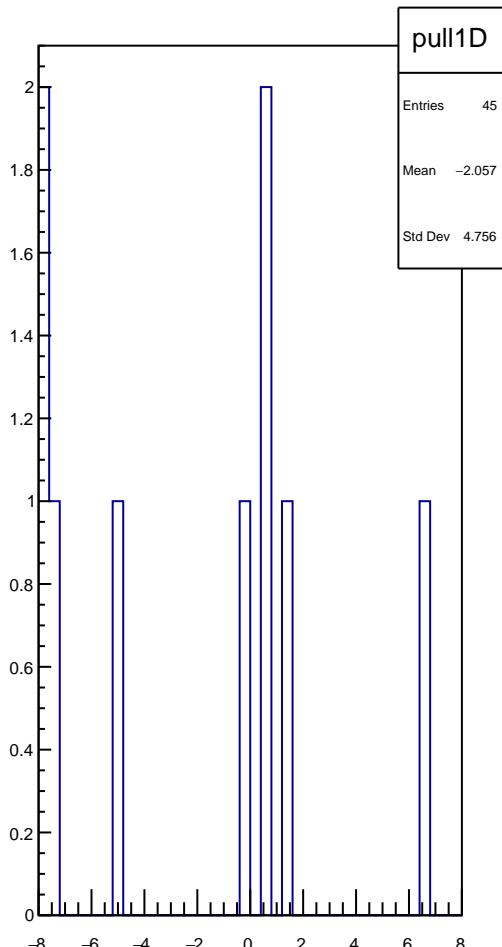
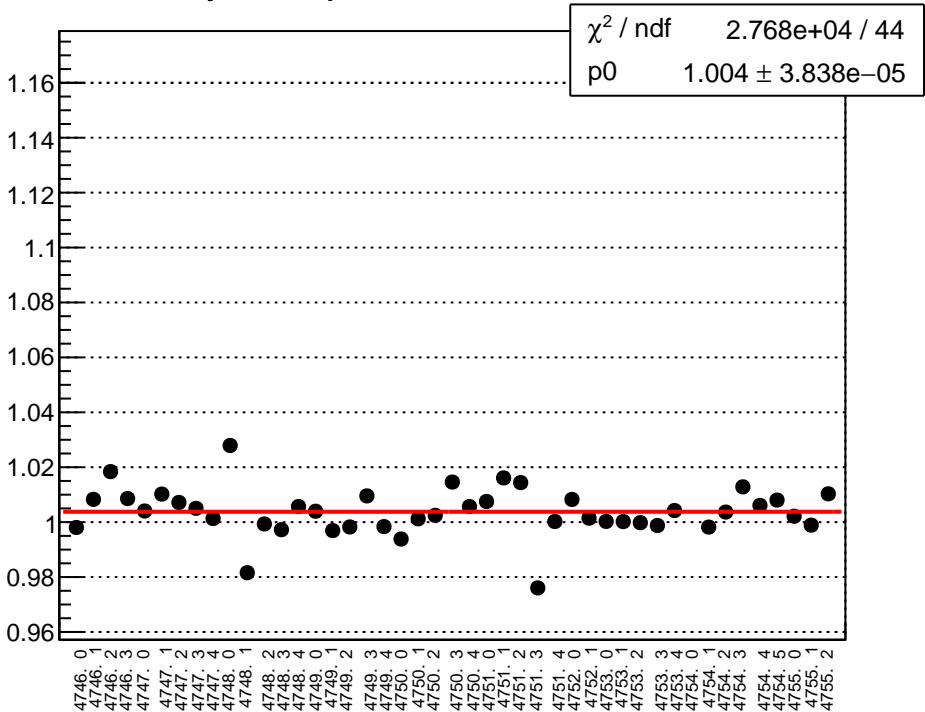
yield_bpm4ecX_mean vs run



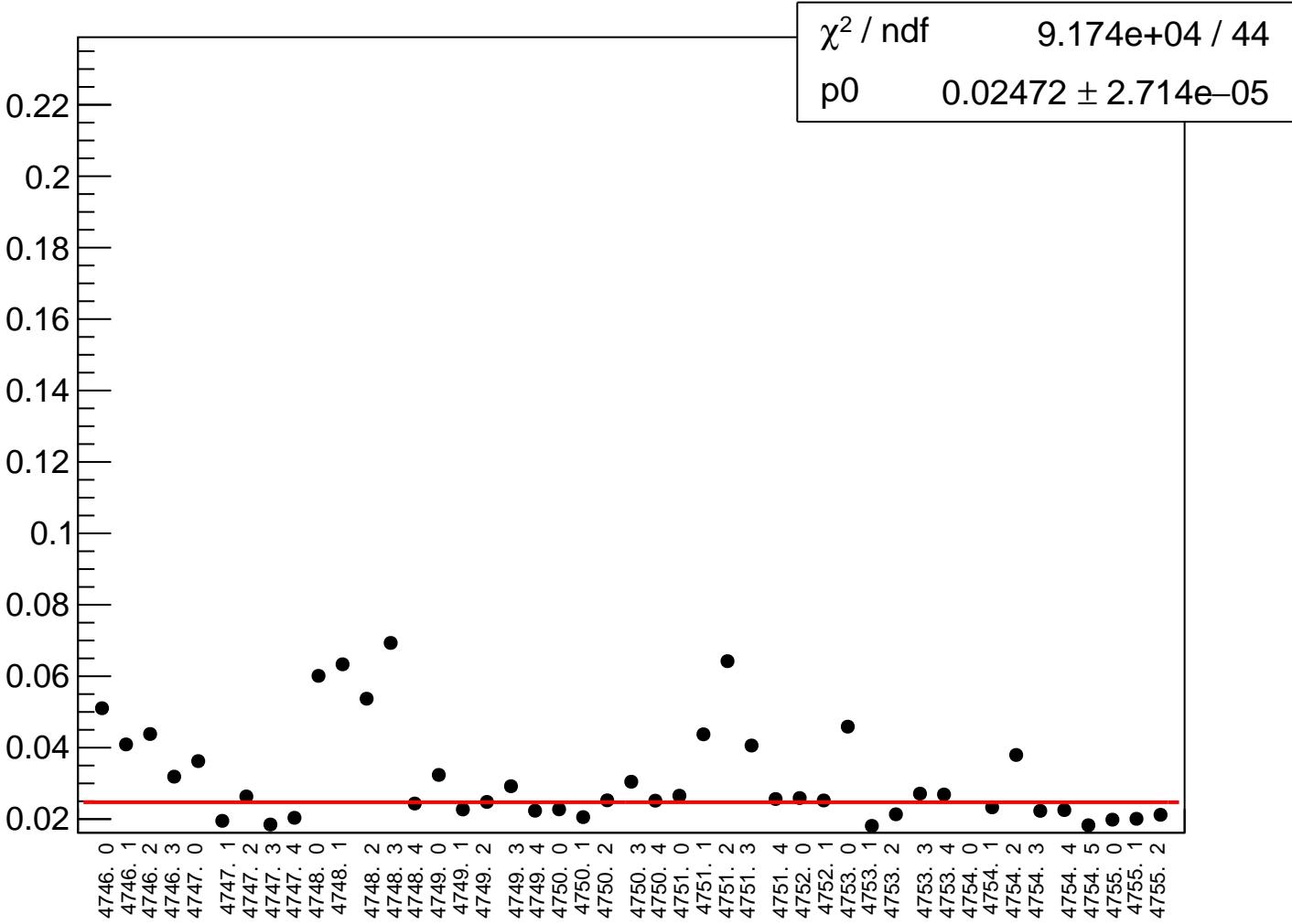
yield_bpm4ecX_rms vs run



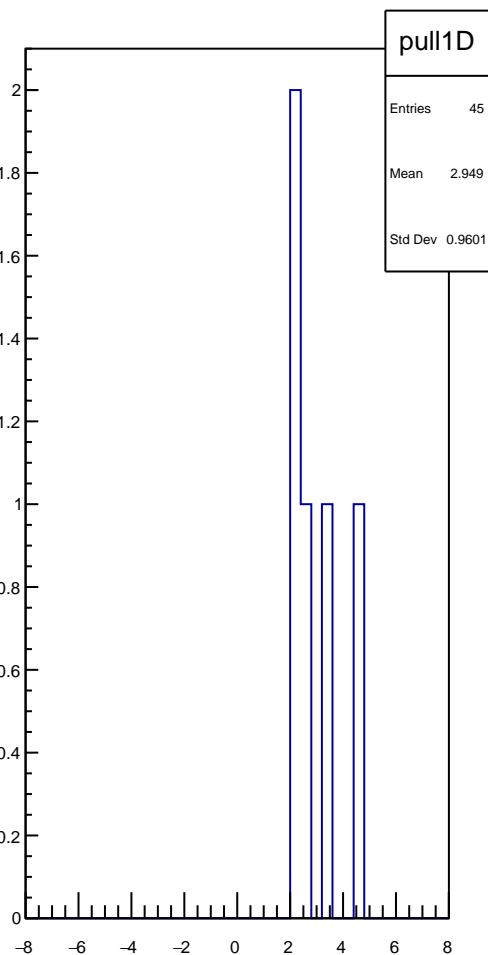
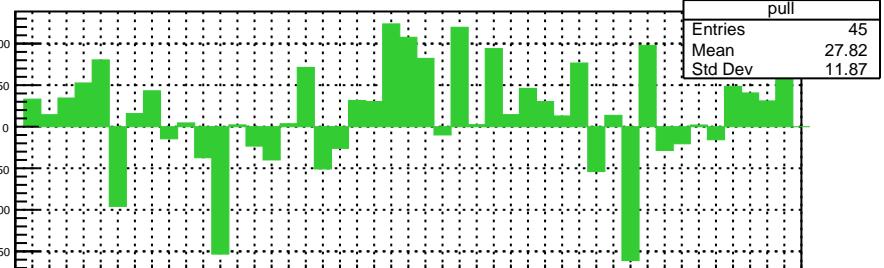
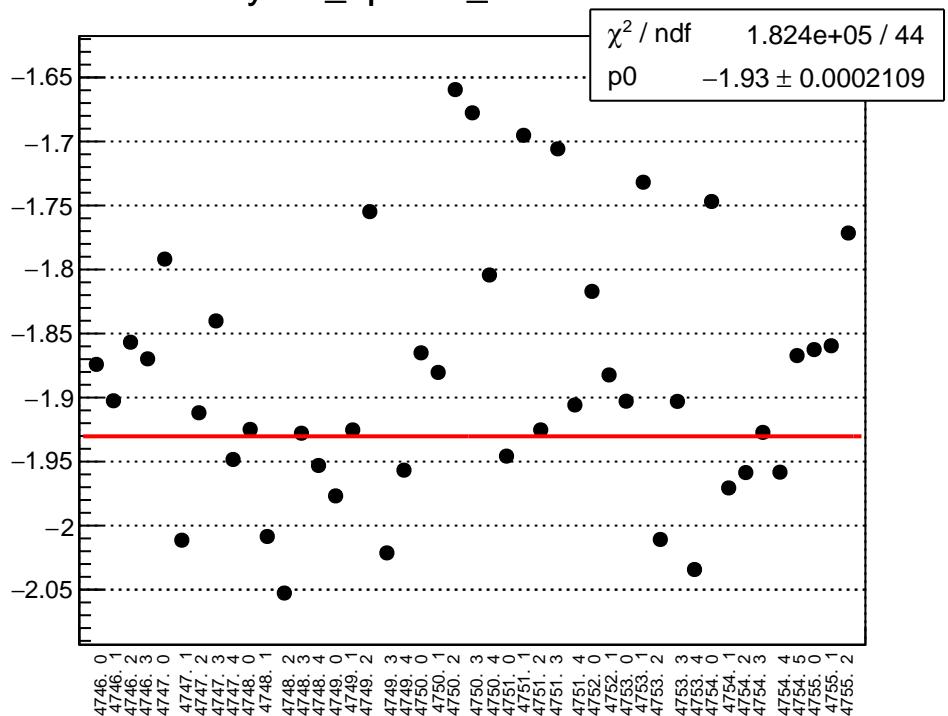
yield_bpm4ecY_mean vs run



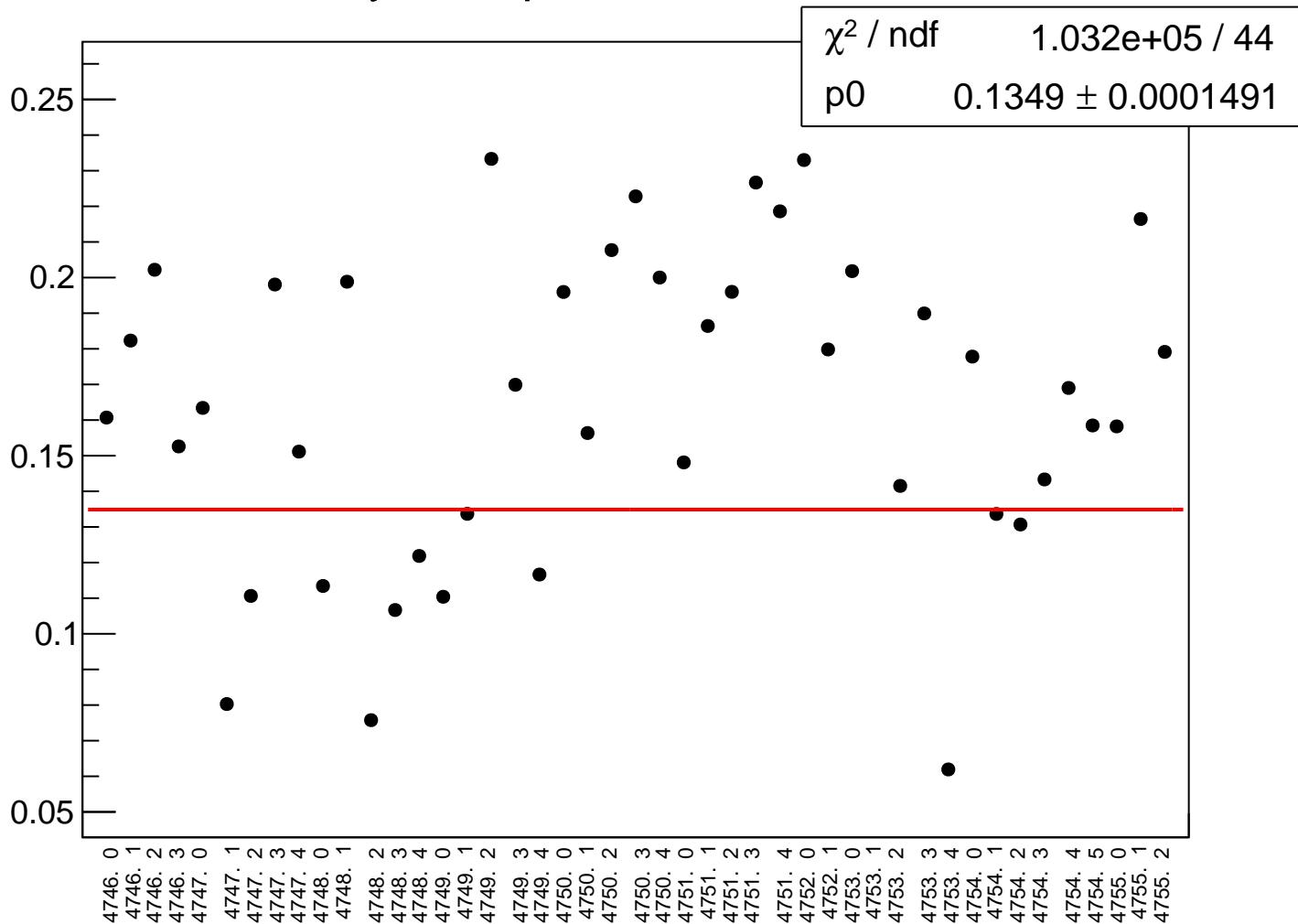
yield_bpm4ecY_rms vs run



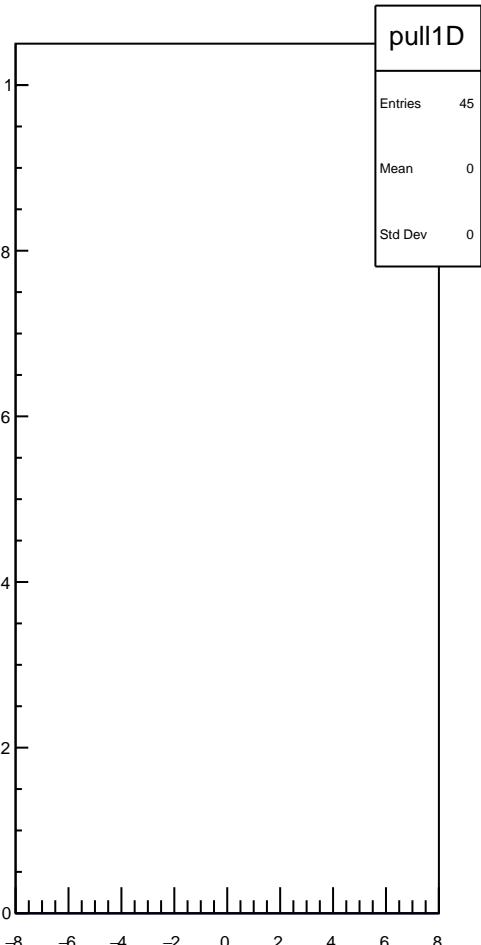
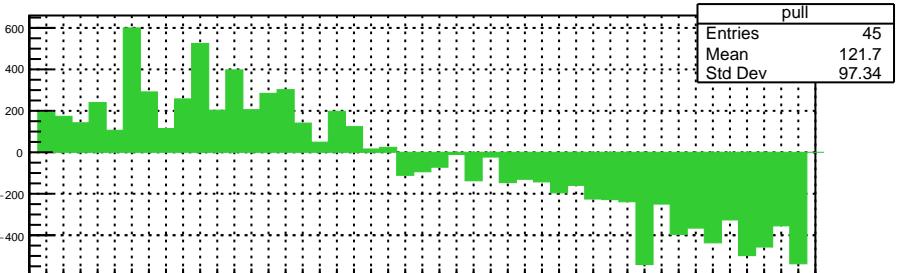
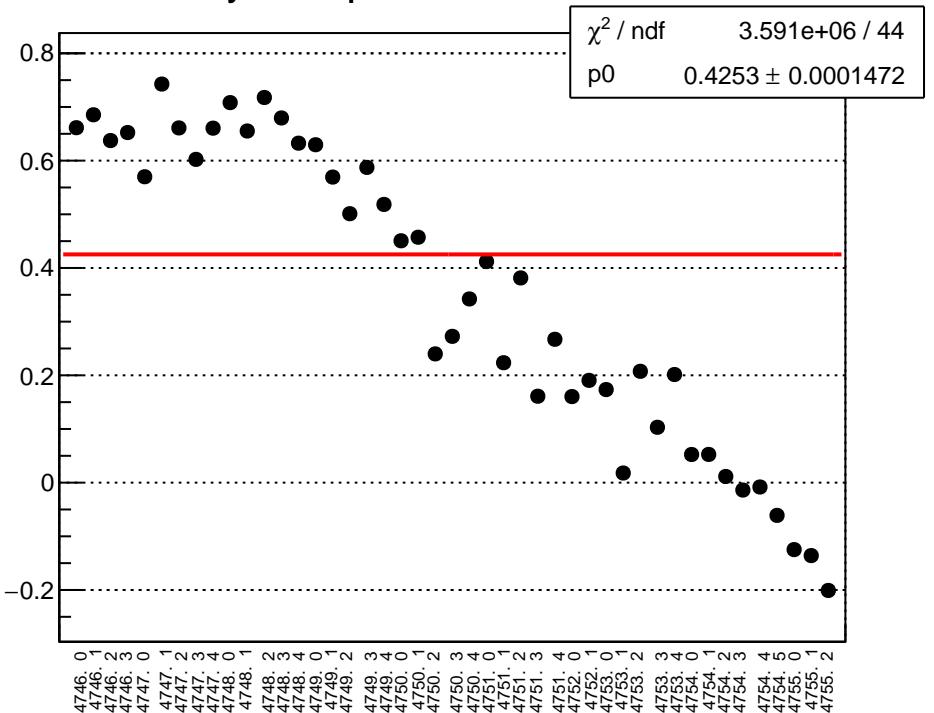
yield_bpm1X_mean vs run



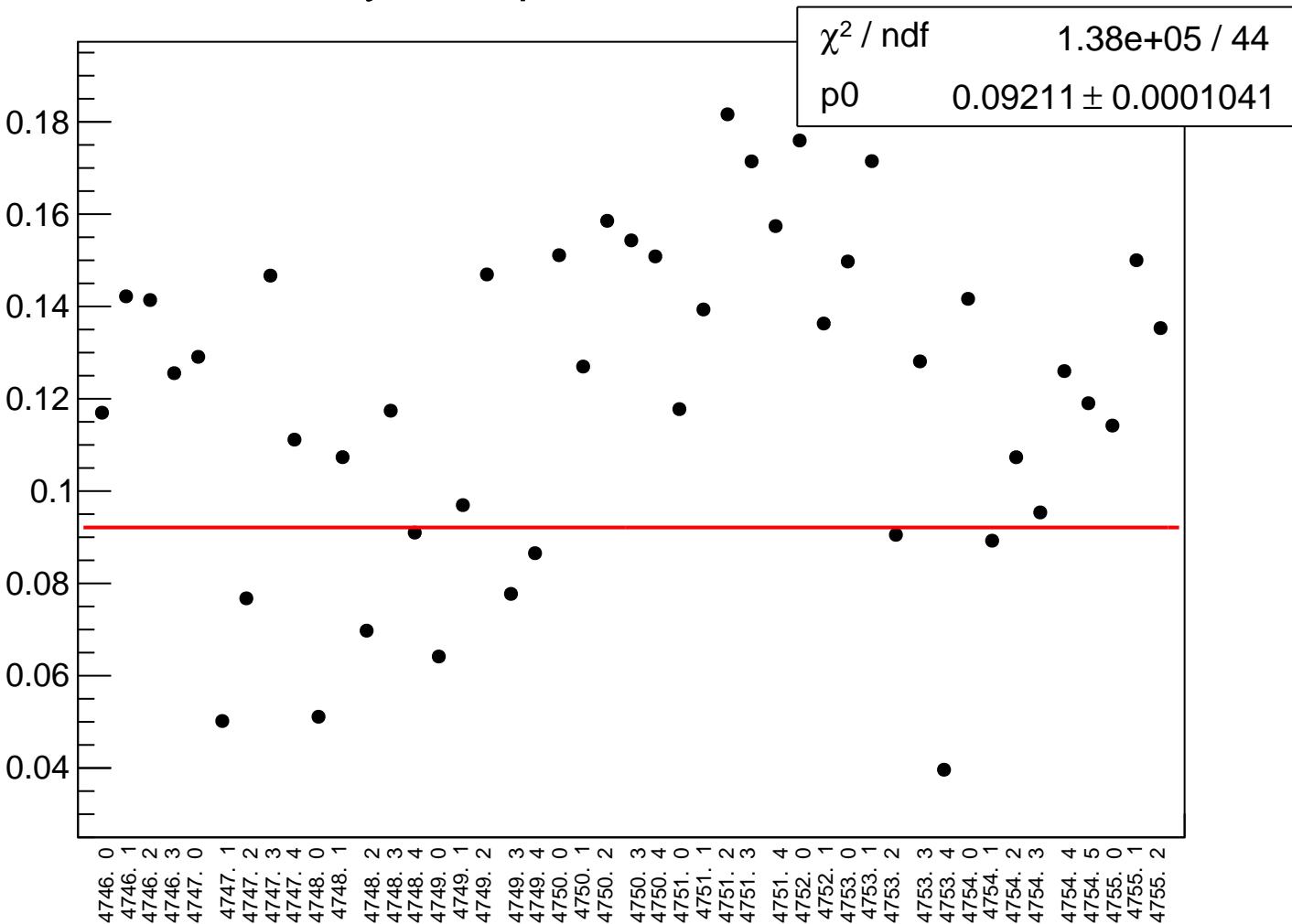
yield_bpm1X_rms vs run

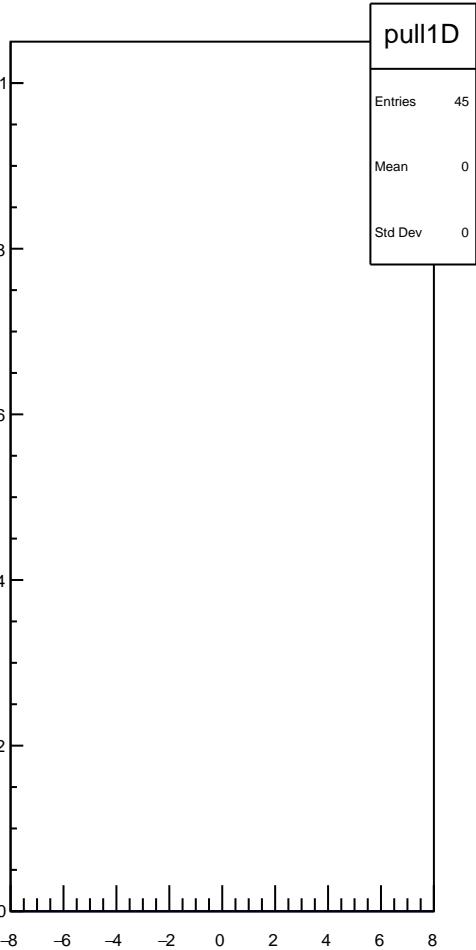
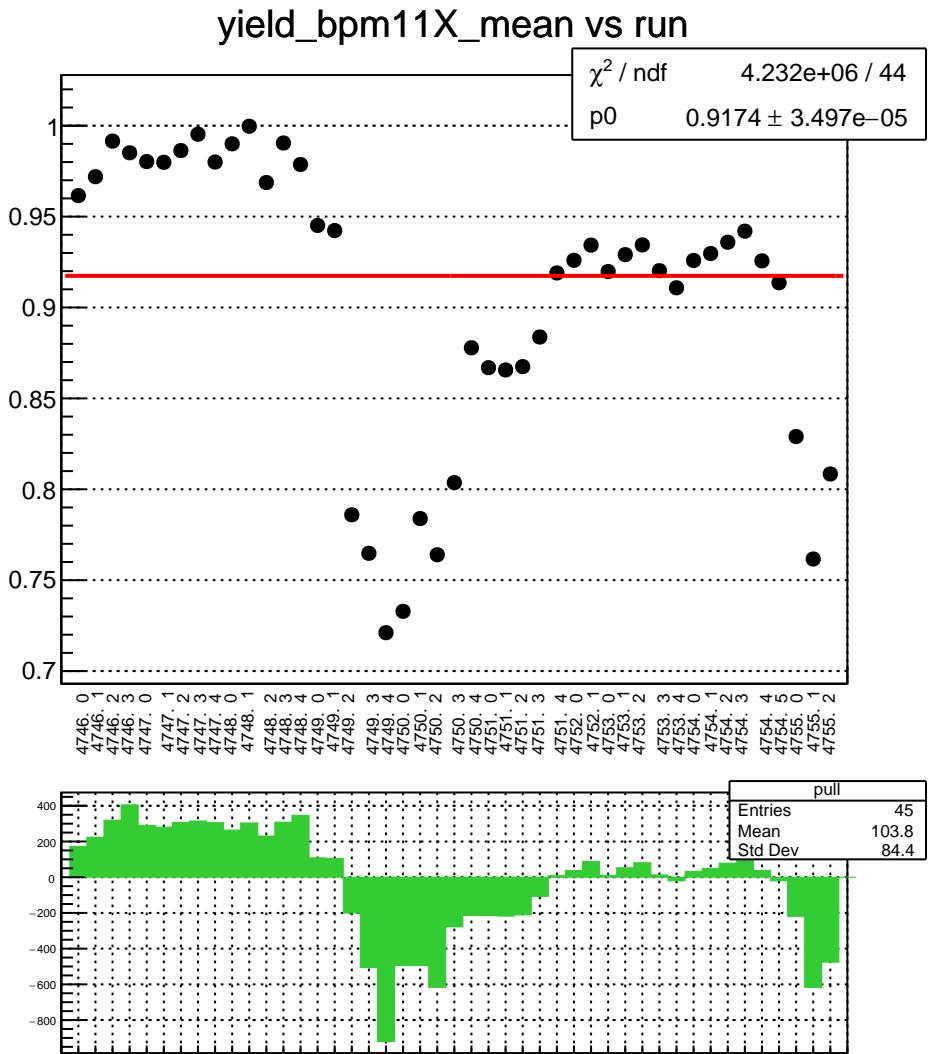


yield_bpm1Y_mean vs run

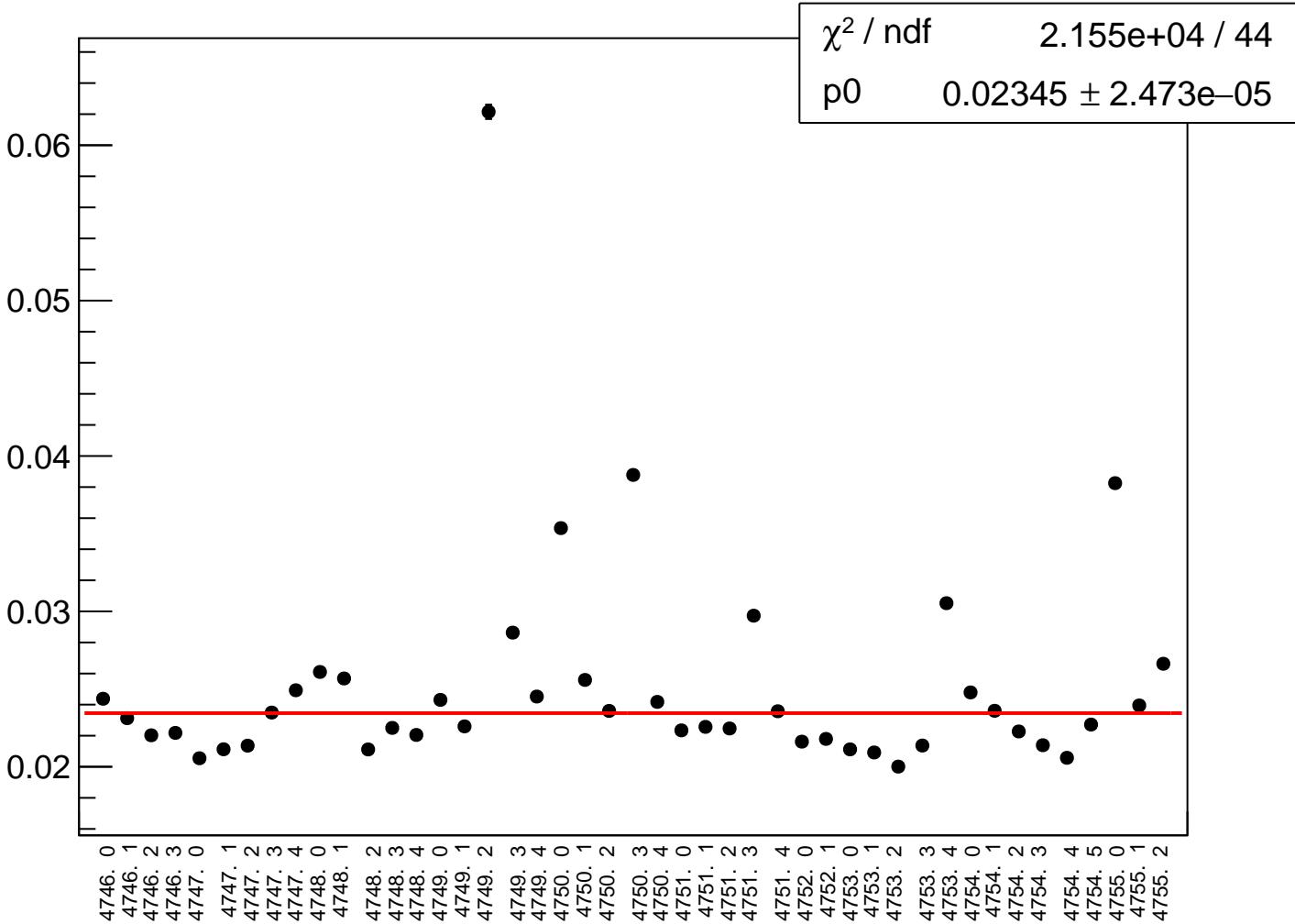


yield_bpm1Y_rms vs run

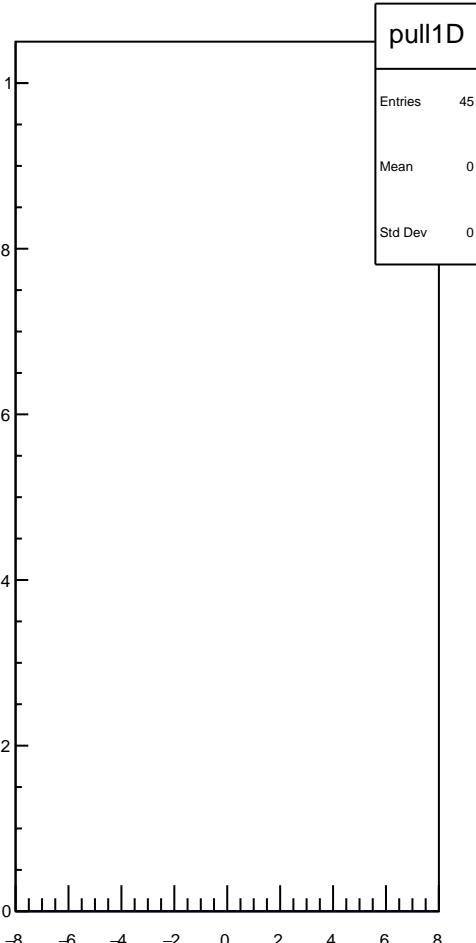
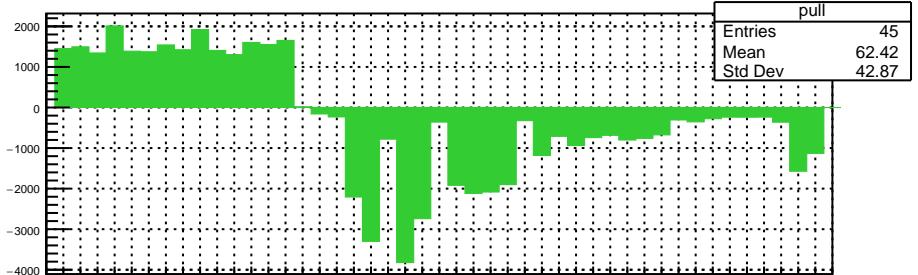
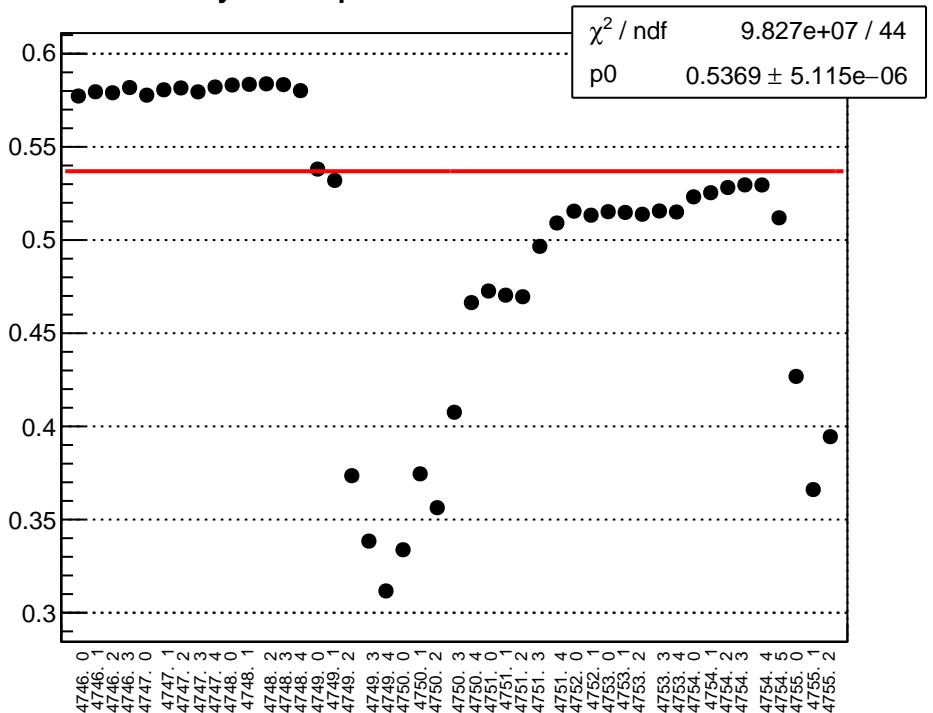




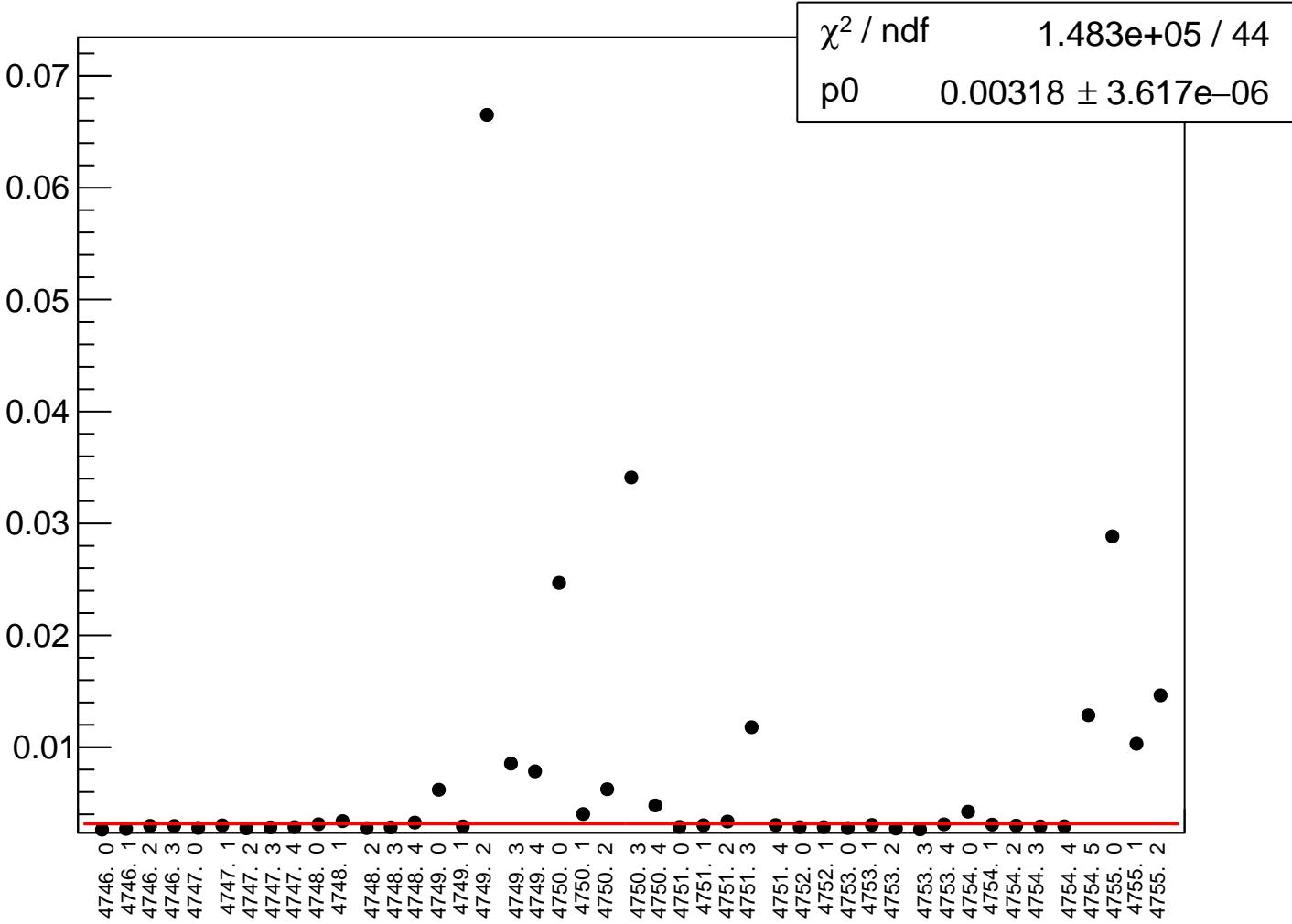
yield_bpm11X_rms vs run



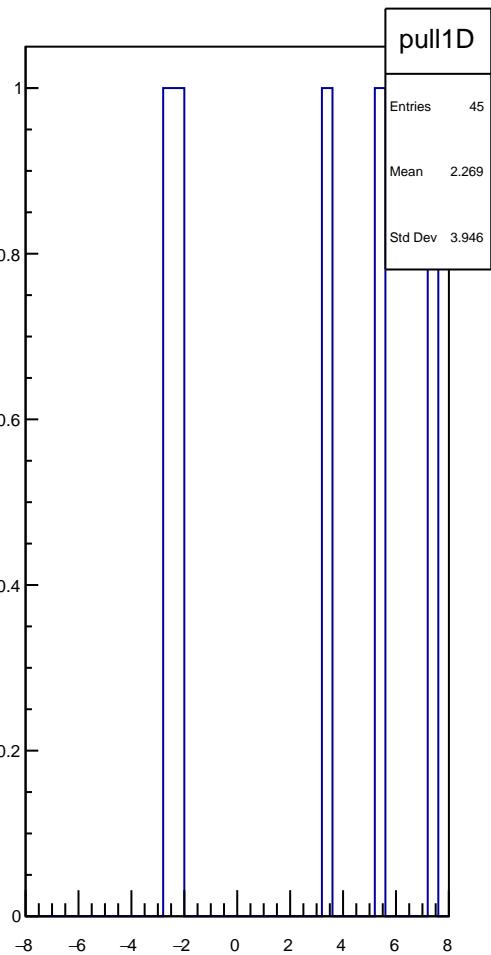
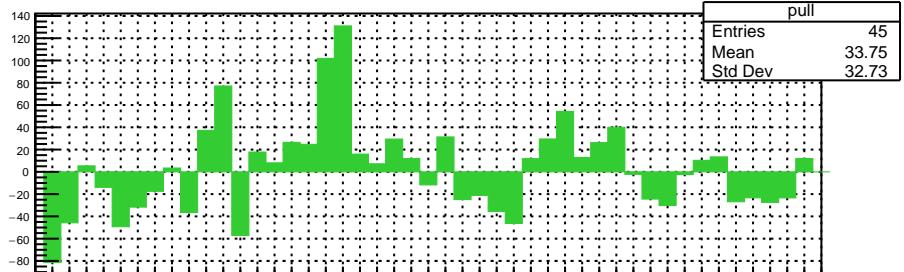
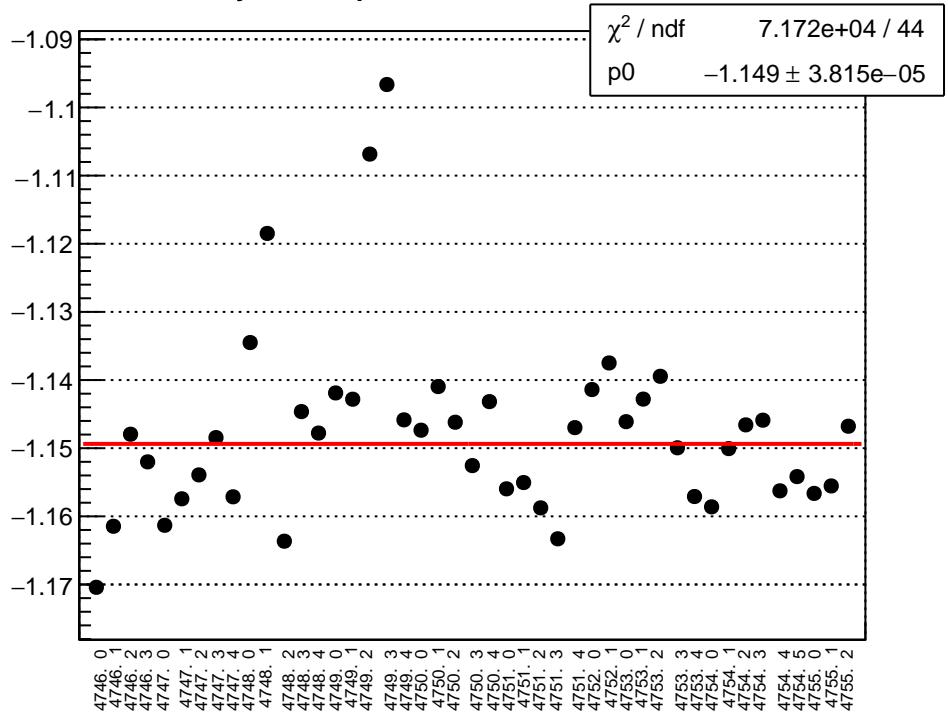
yield_bpm11Y_mean vs run



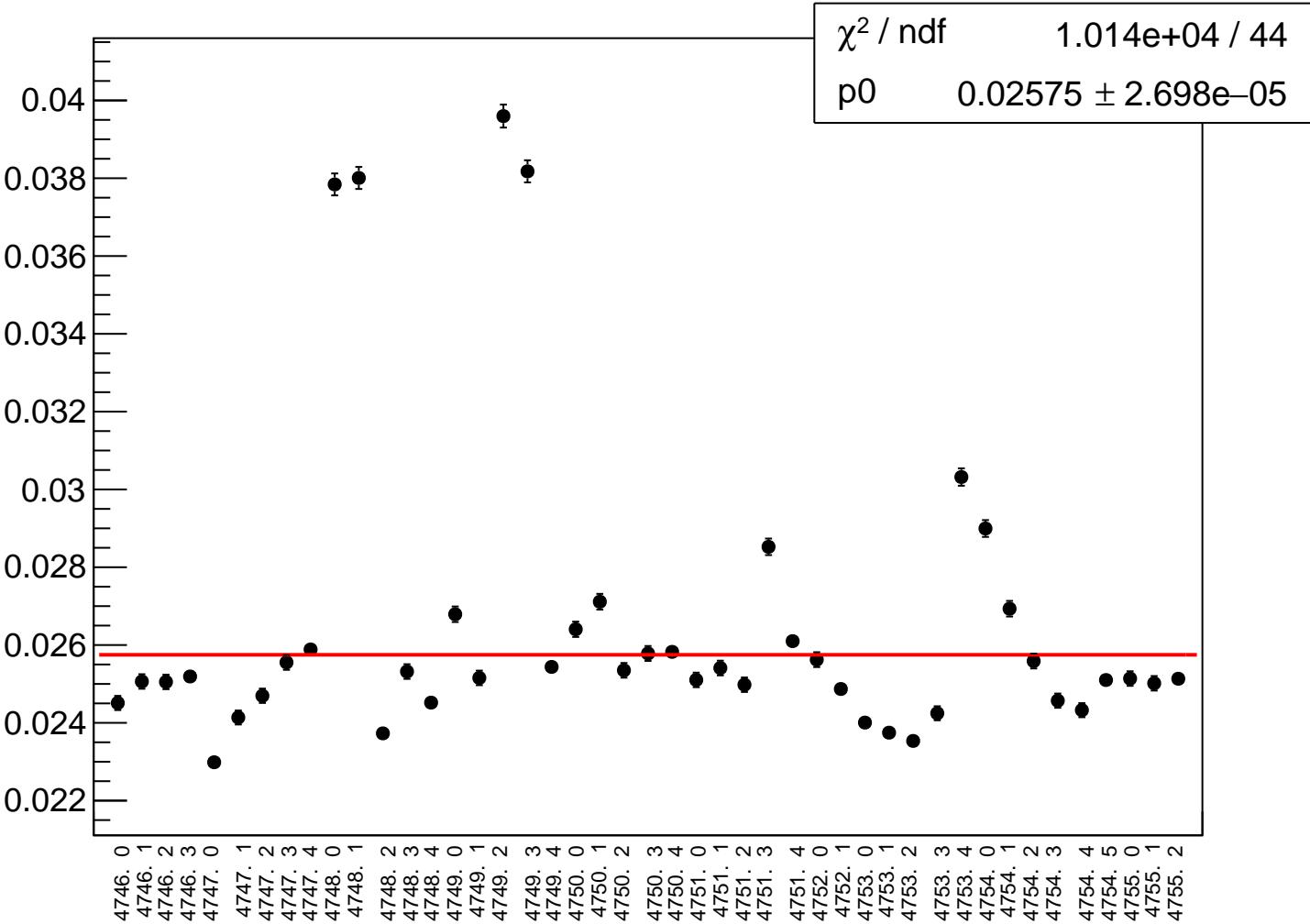
yield_bpm11Y_rms vs run



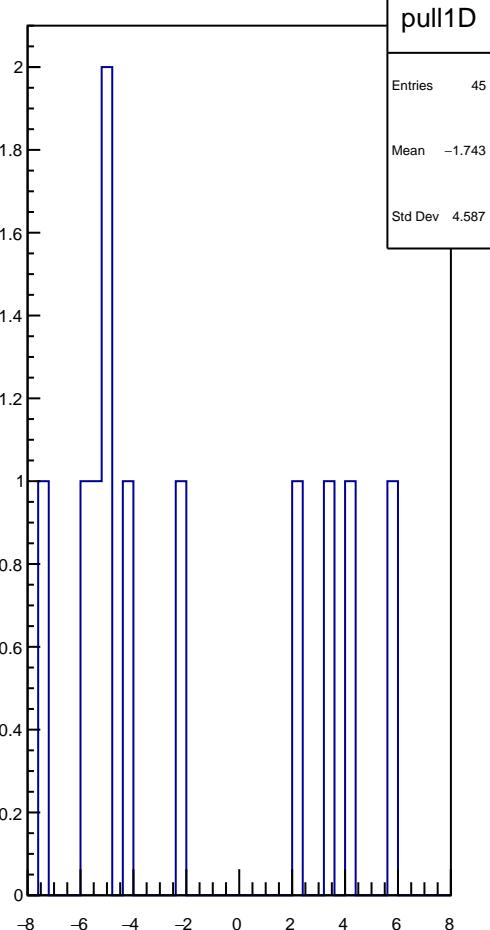
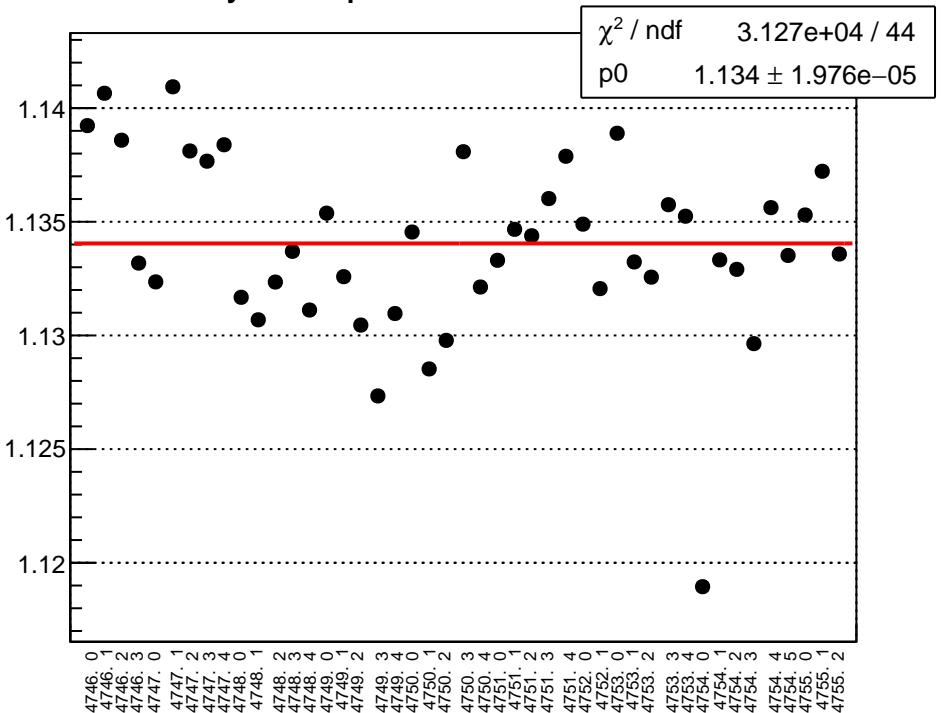
yield_bpm12X_mean vs run



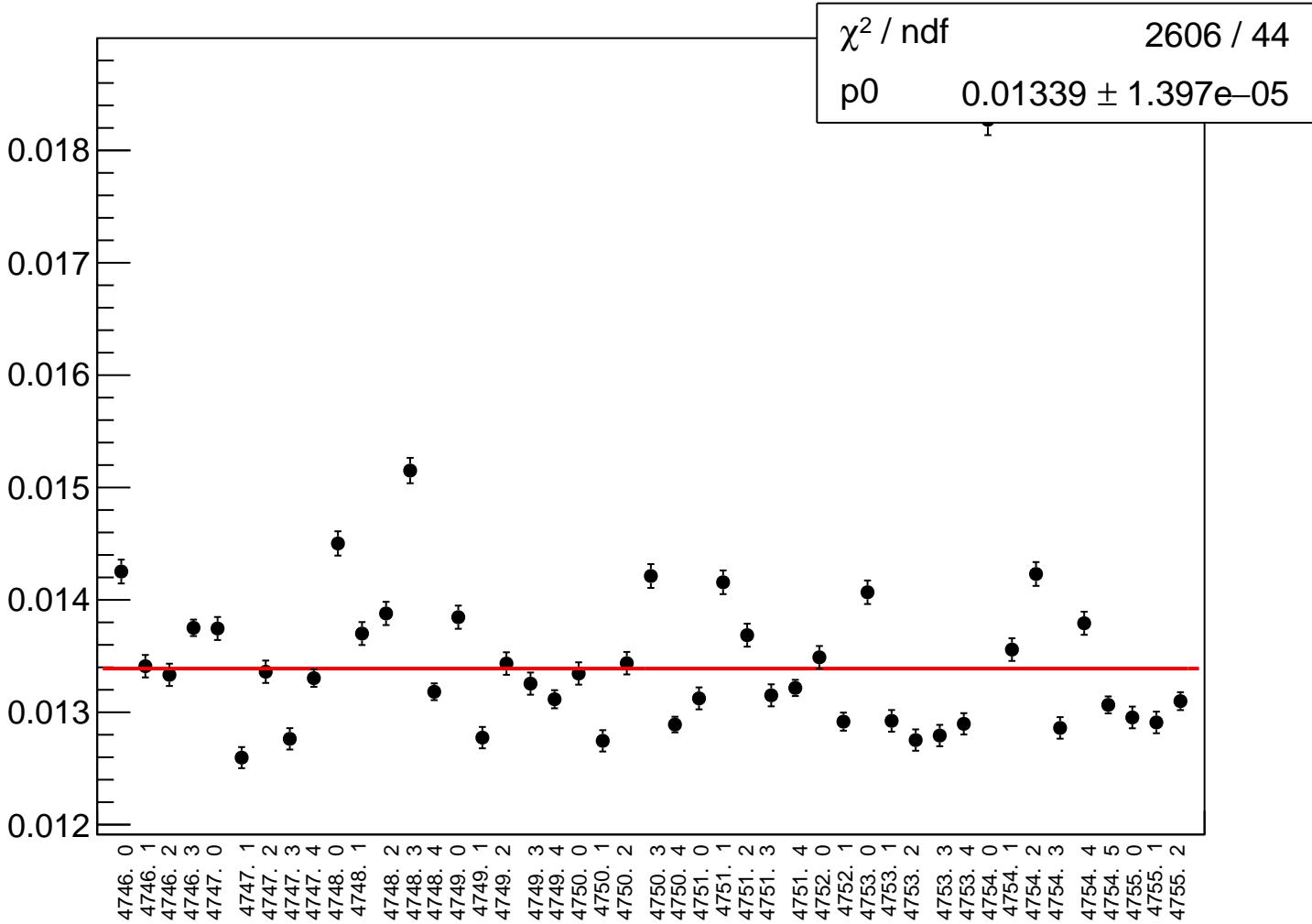
yield_bpm12X_rms vs run



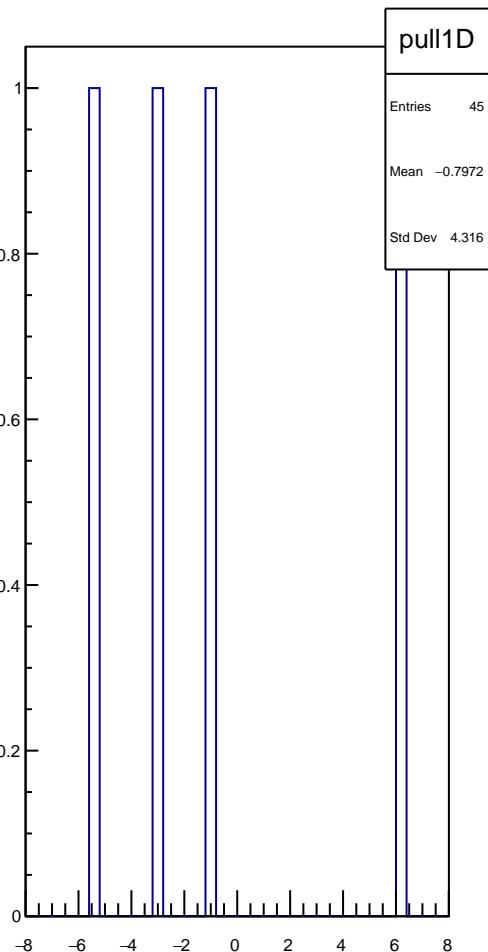
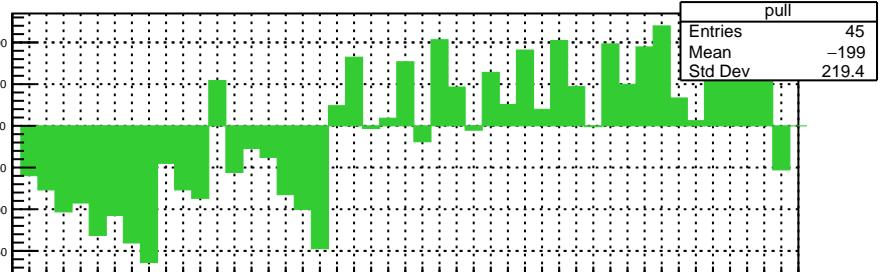
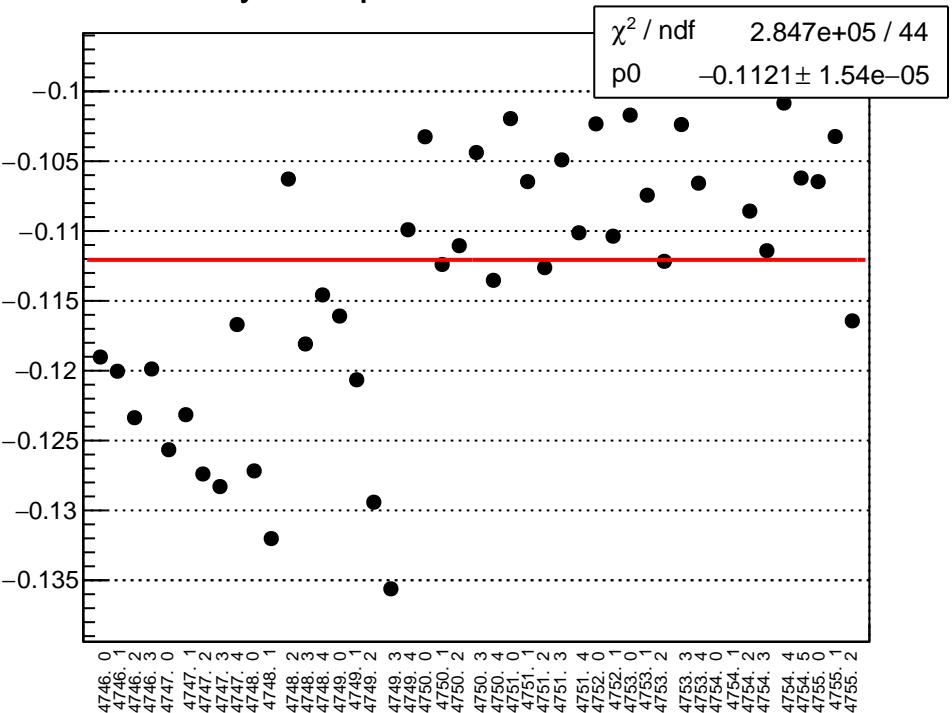
yield_bpm12Y_mean vs run



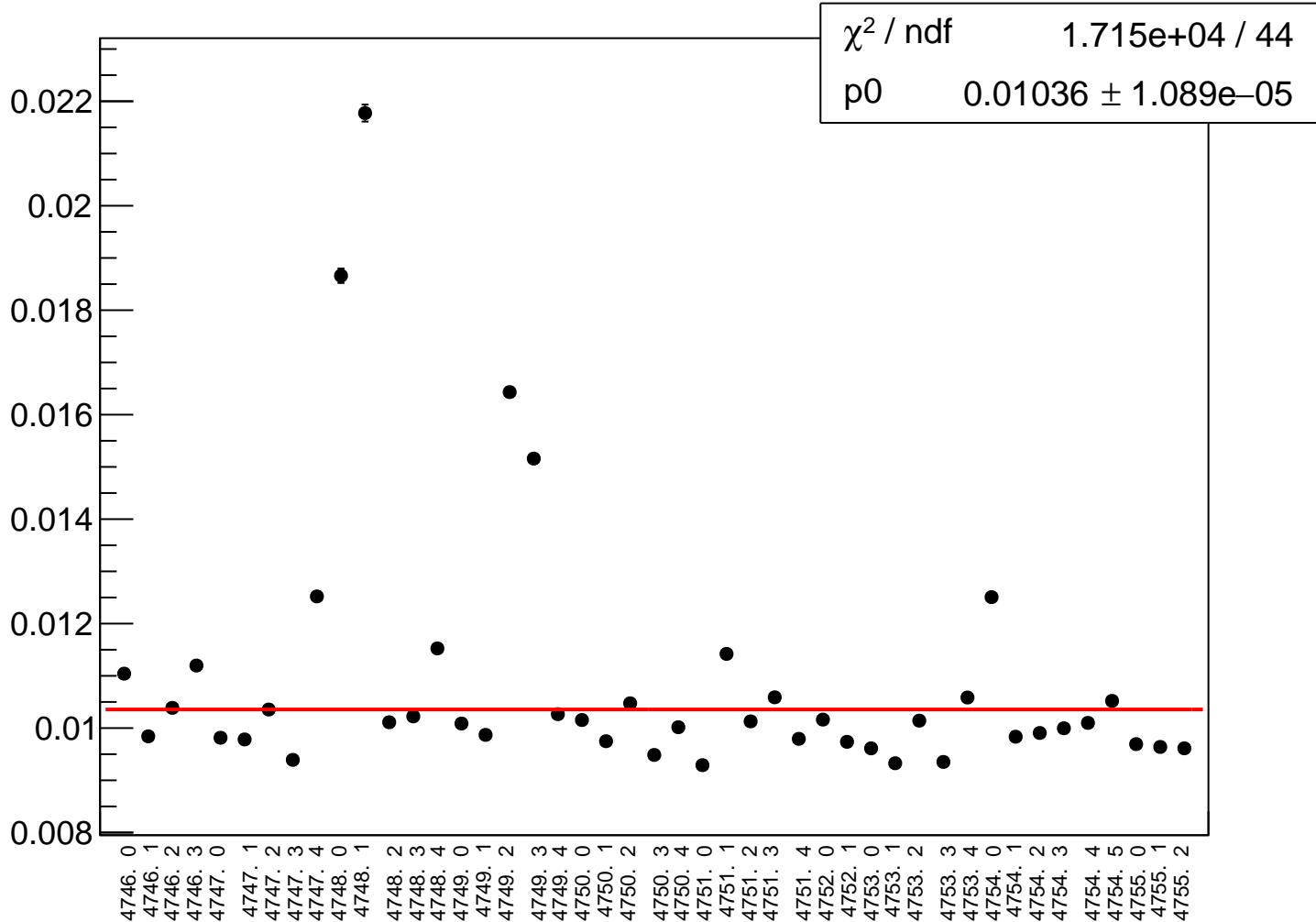
yield_bpm12Y_rms vs run



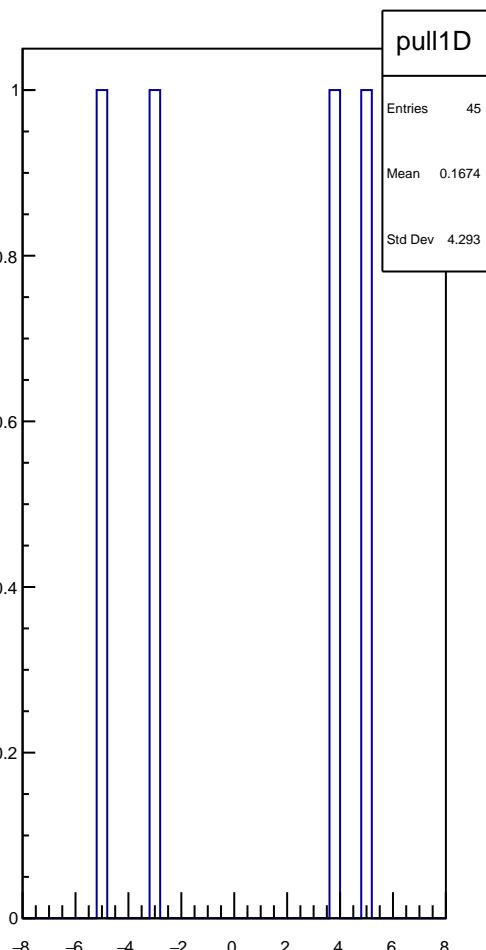
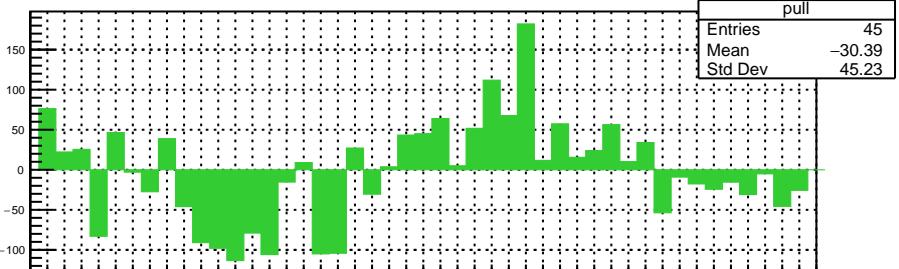
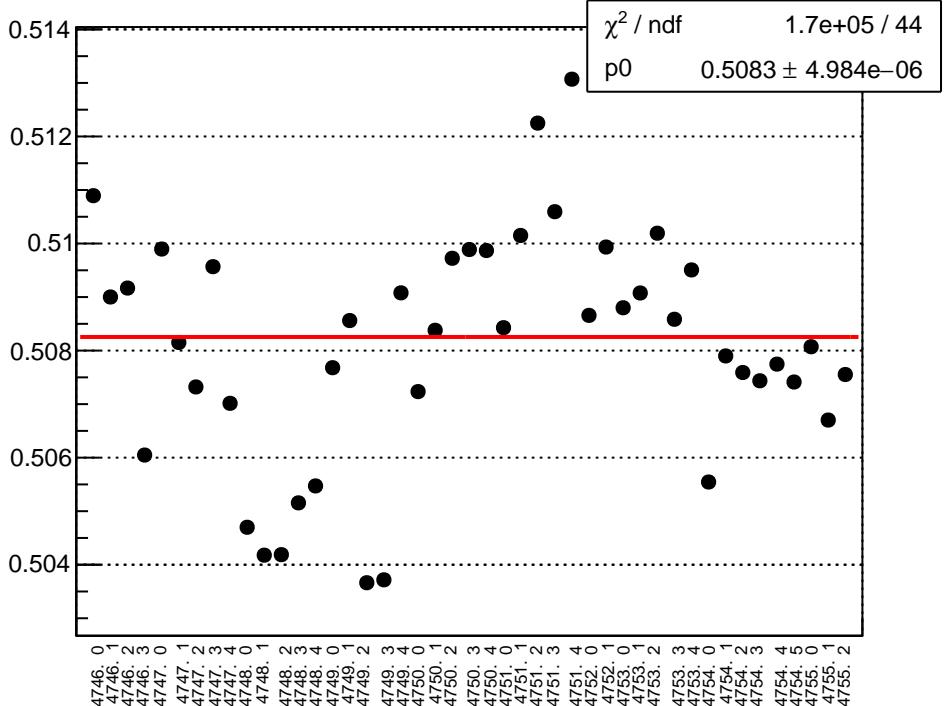
yield_bpm16X_mean vs run



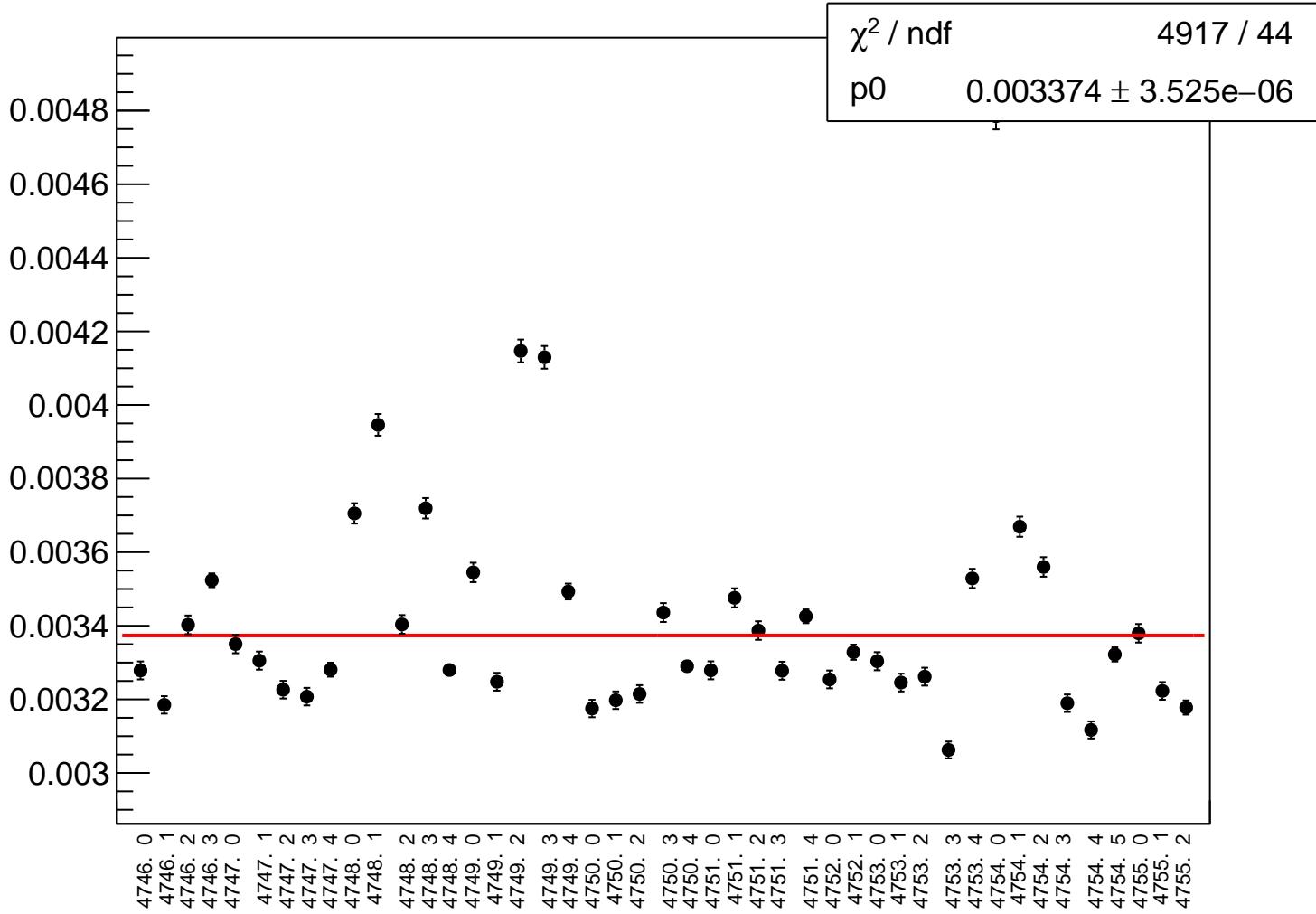
yield_bpm16X_rms vs run



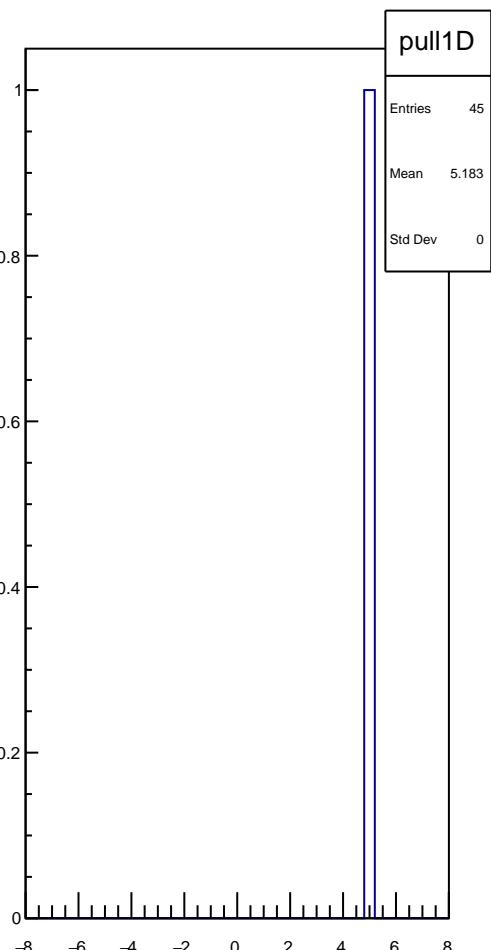
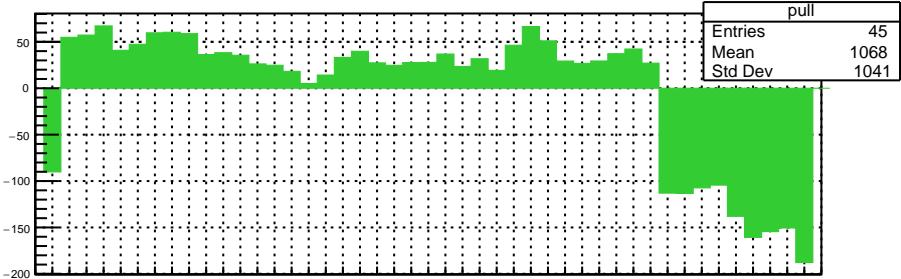
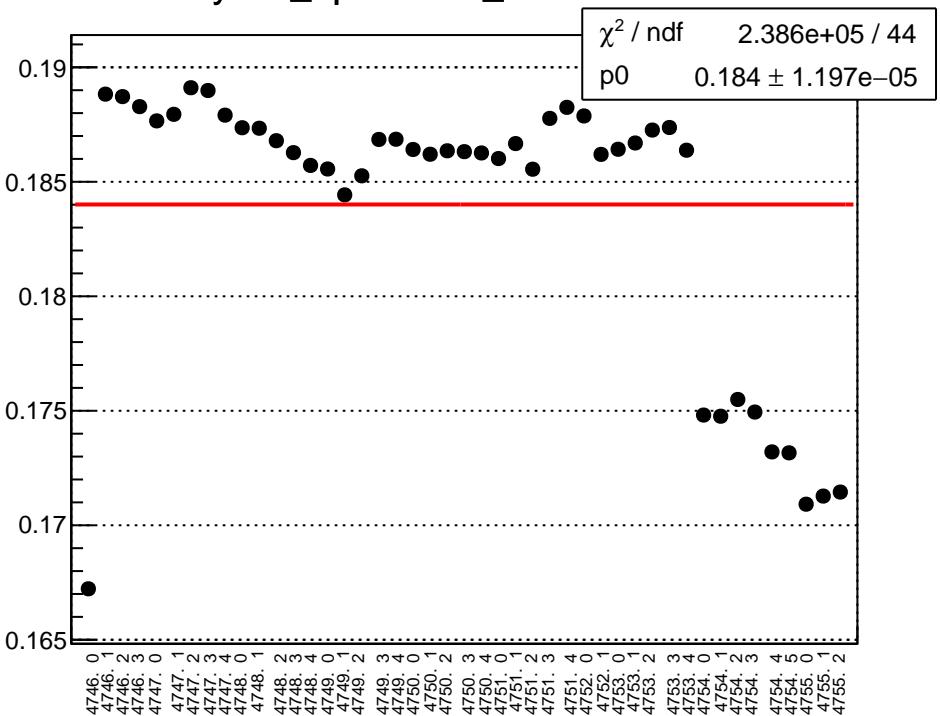
yield_bpm16Y_mean vs run



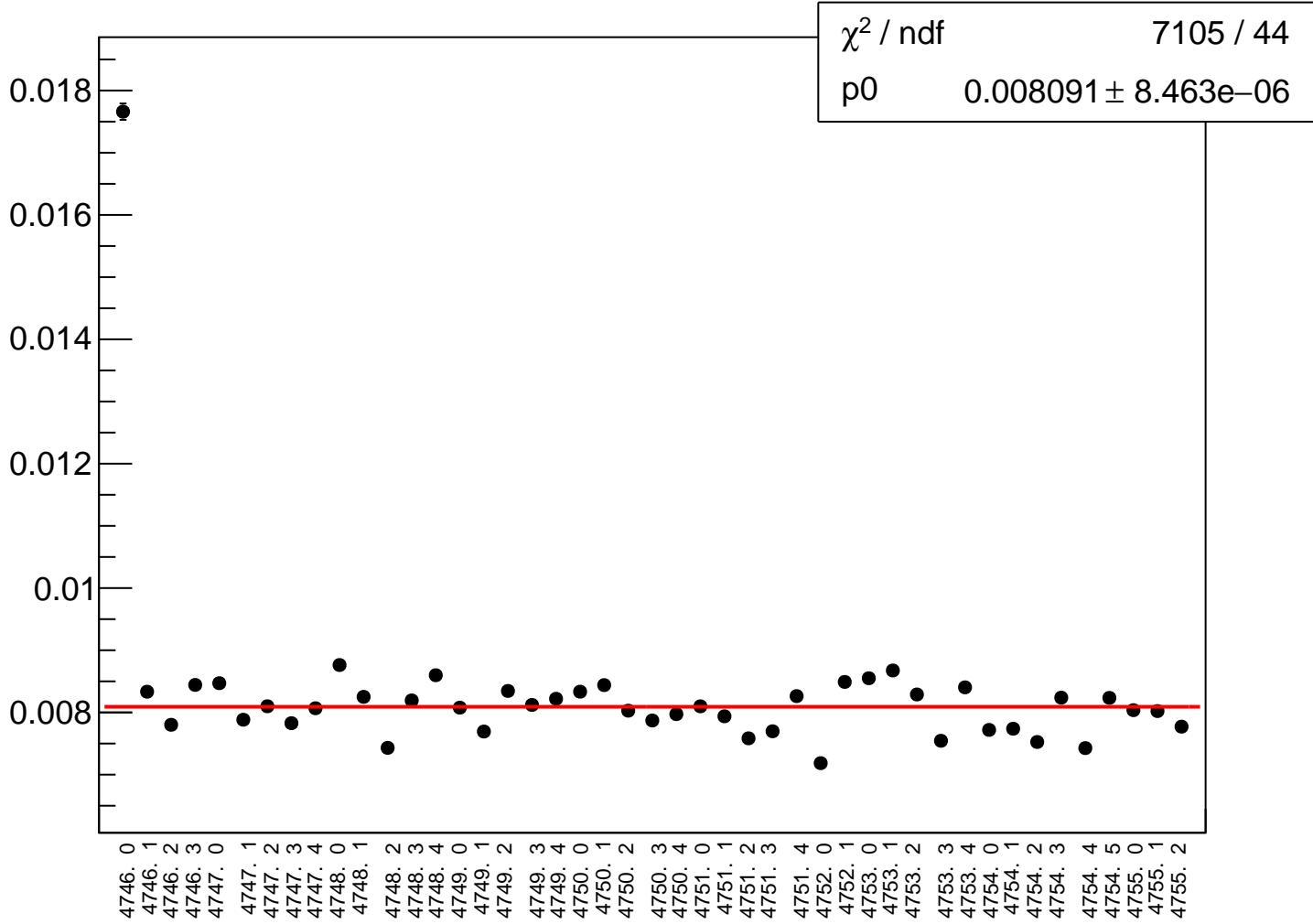
yield_bpm16Y_rms vs run



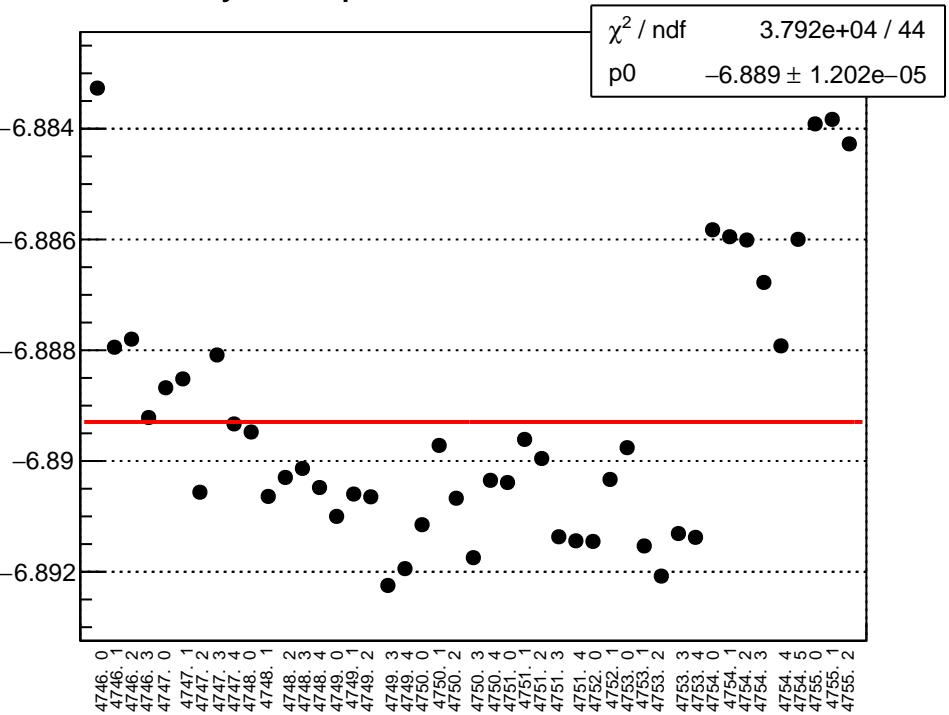
yield_bpm2i01X_mean vs run



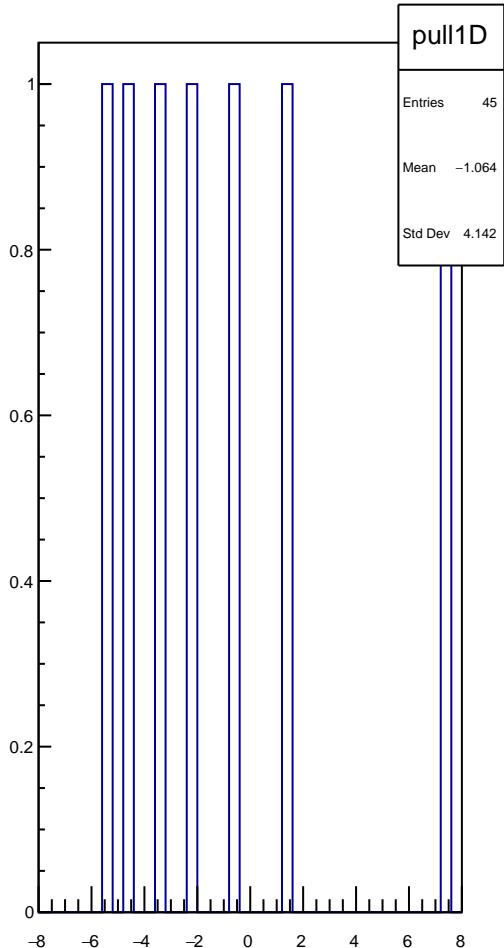
yield_bpm2i01X_rms vs run



yield_bpm2i01Y_mean vs run



χ^2 / ndf $3.792 \times 10^4 / 44$
 $p0$ $-6.889 \pm 1.202 \times 10^{-5}$



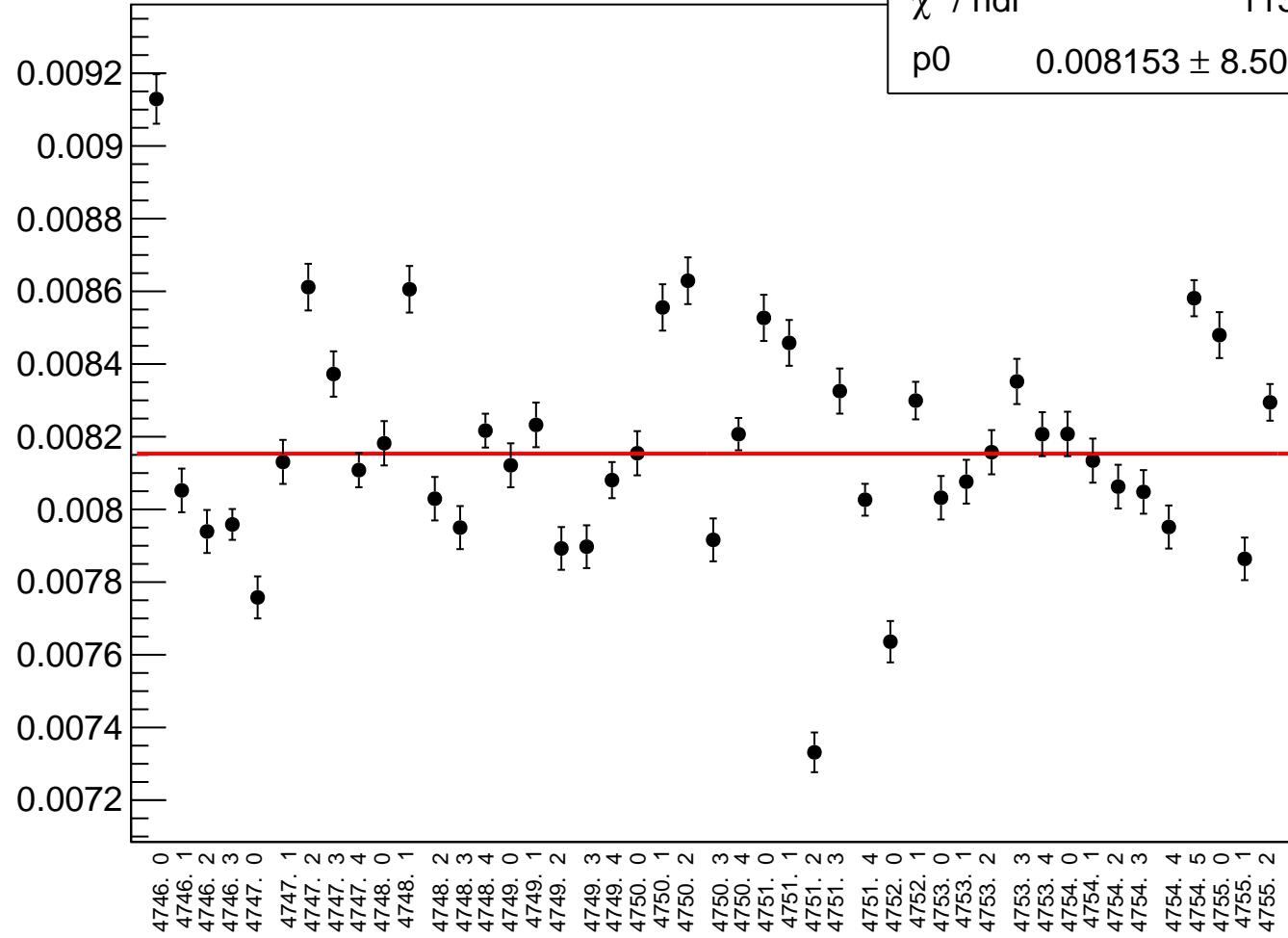
yield_bpm2i01Y_rms vs run

χ^2 / ndf

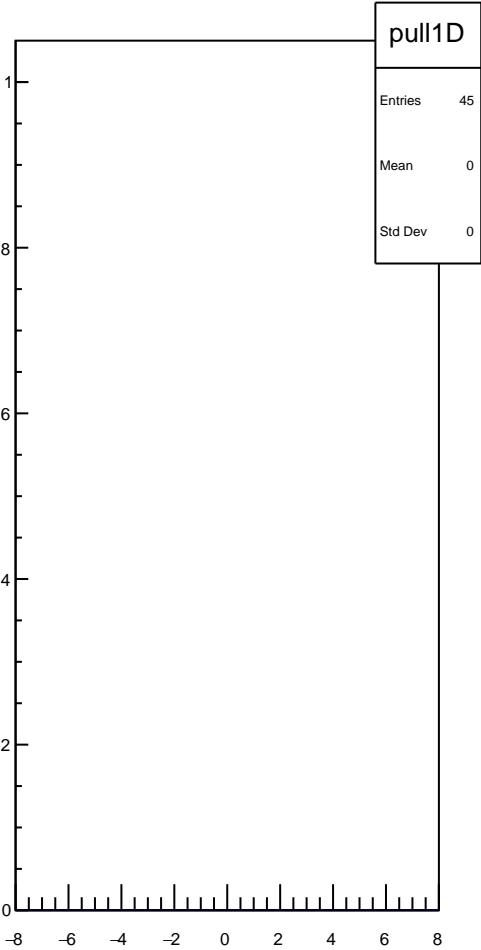
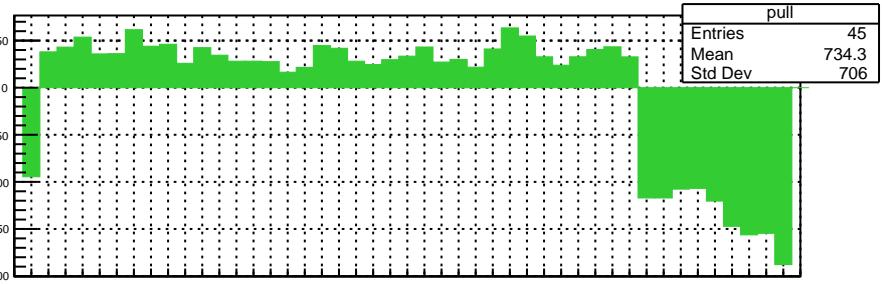
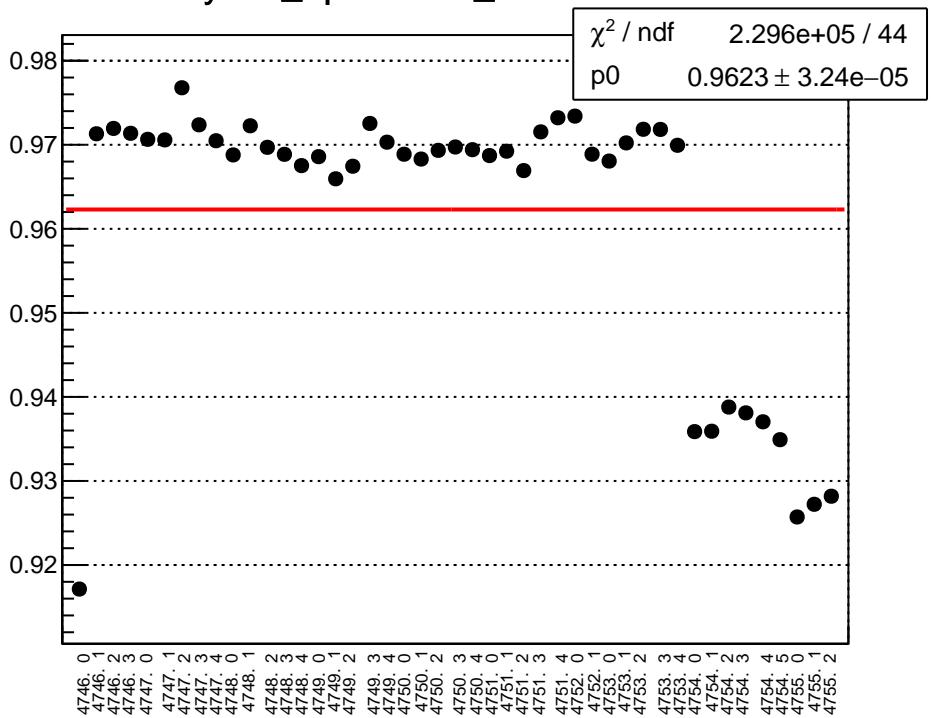
1135 / 44

p0

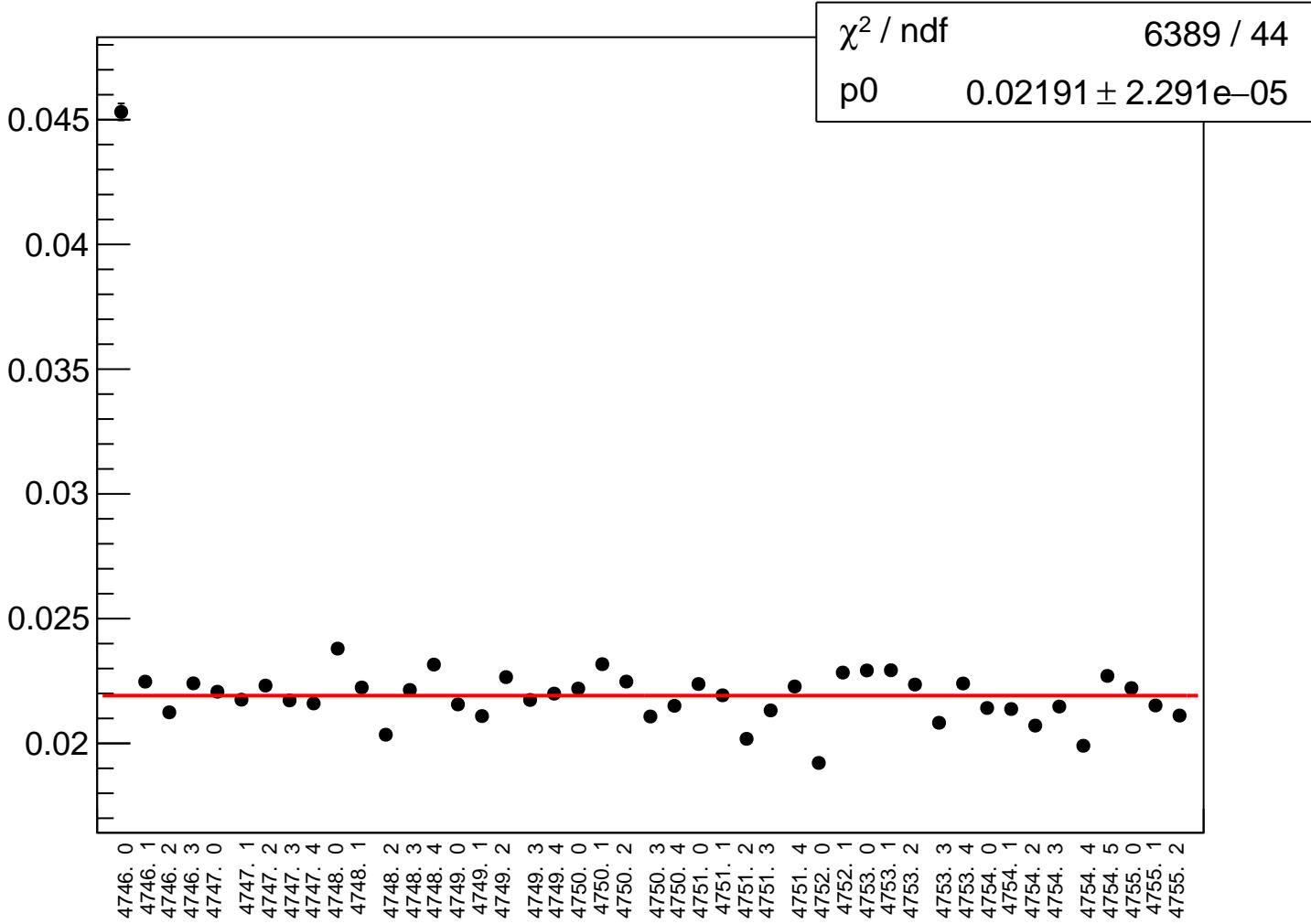
$0.008153 \pm 8.501\text{e}{-}06$



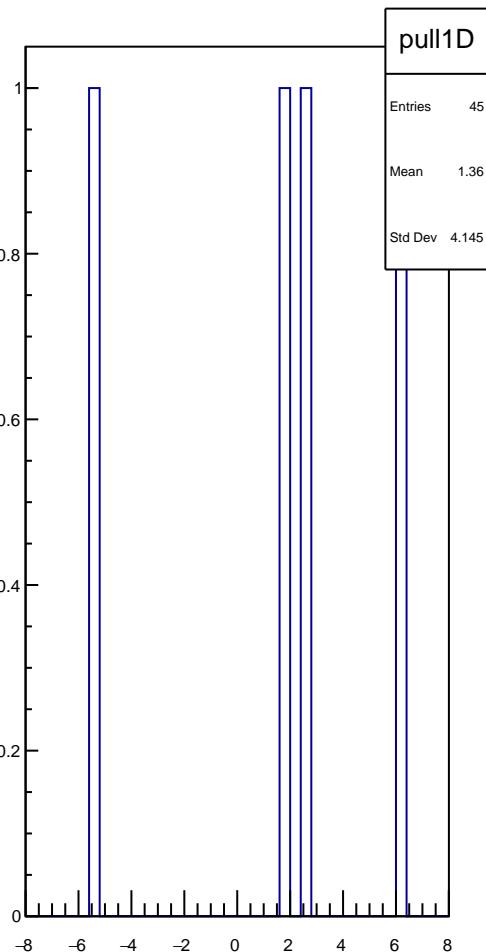
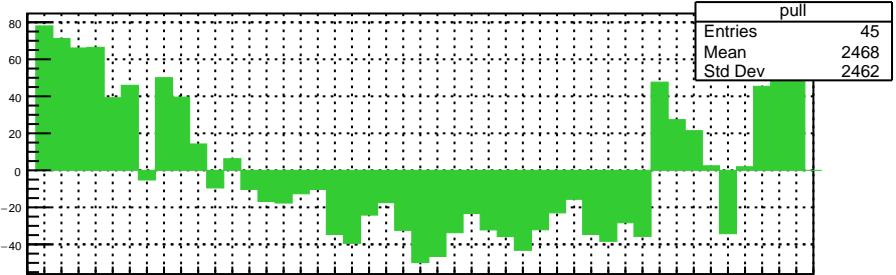
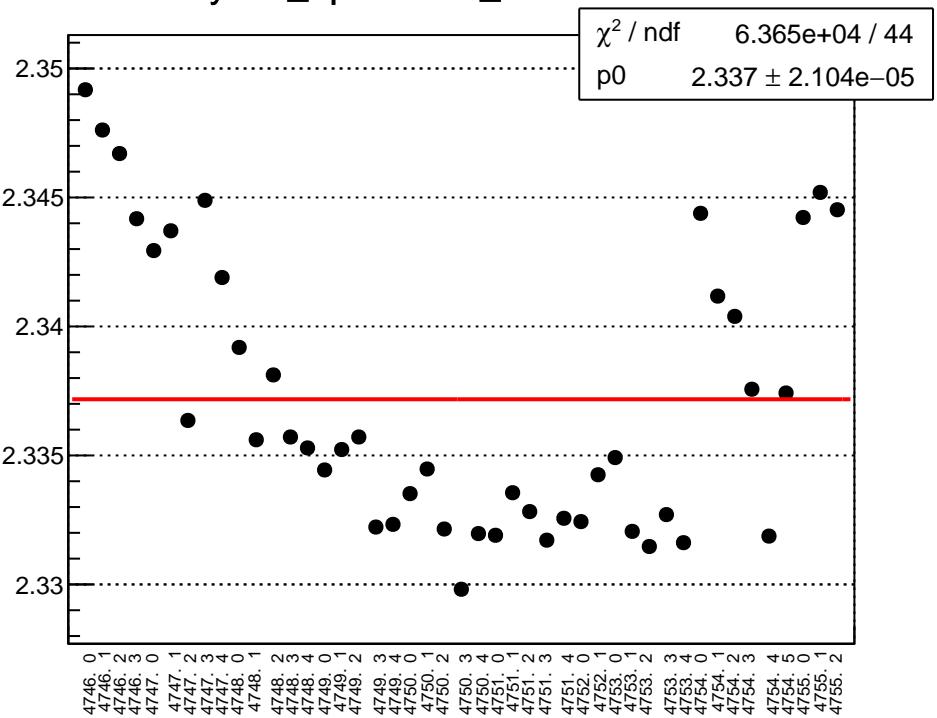
yield_bpm2i02X_mean vs run



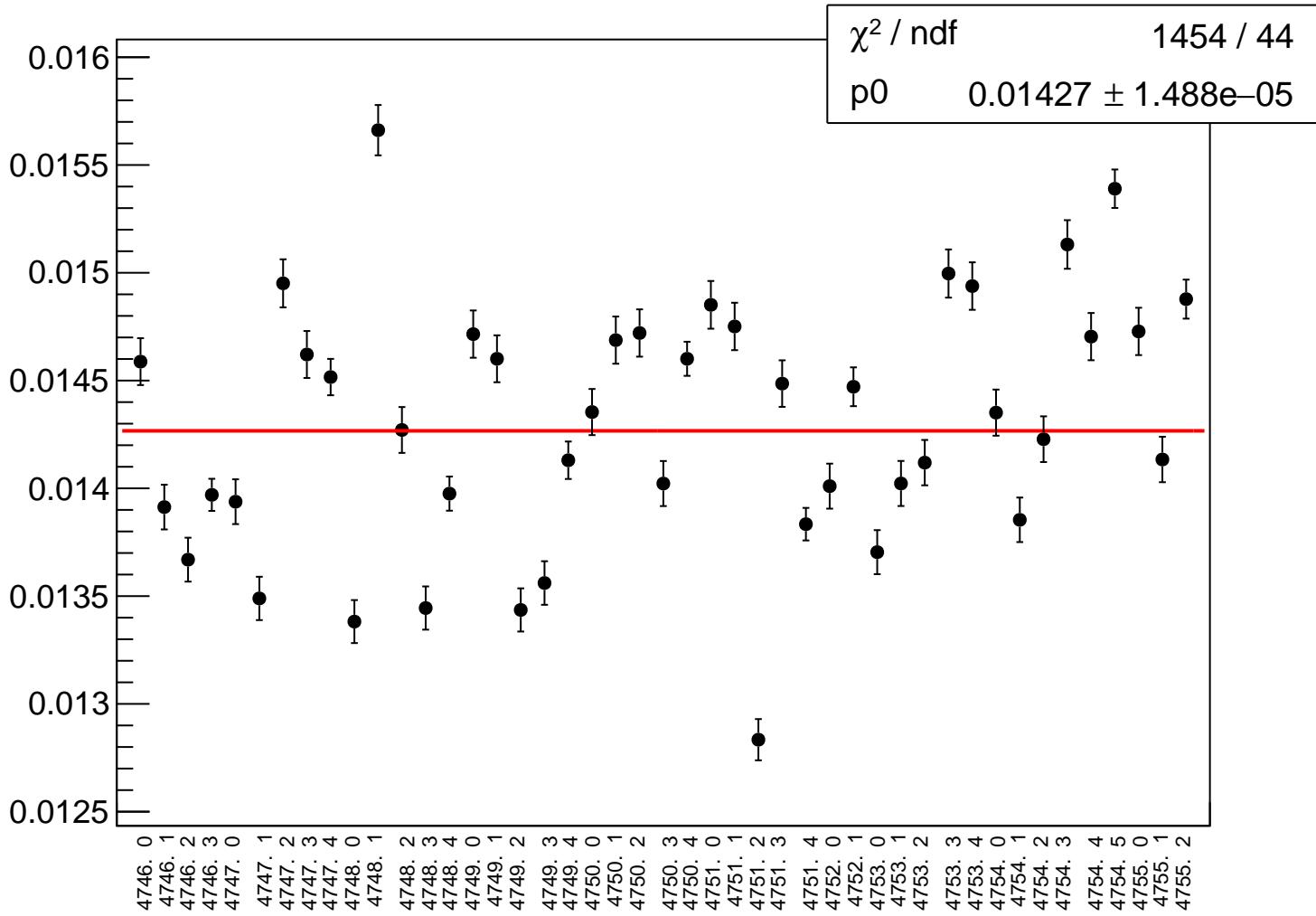
yield_bpm2i02X_rms vs run



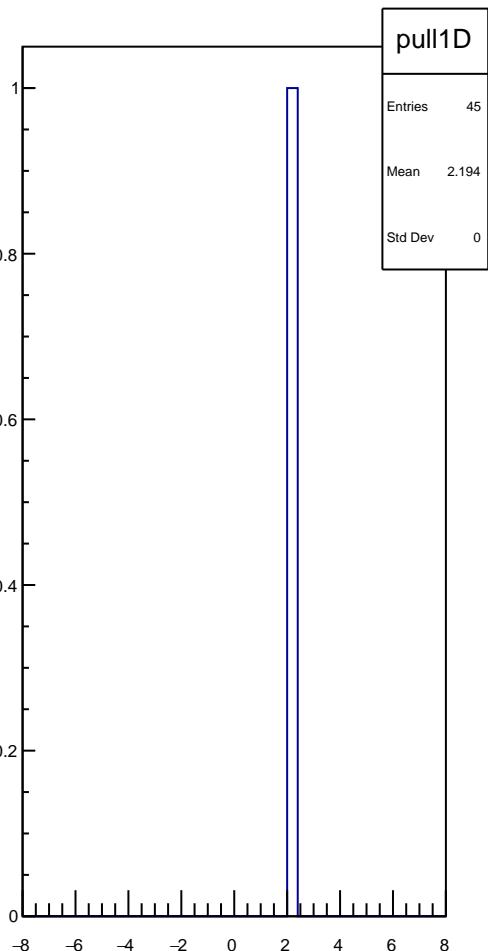
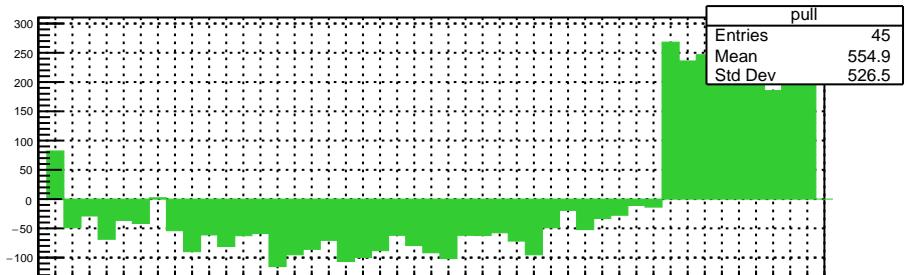
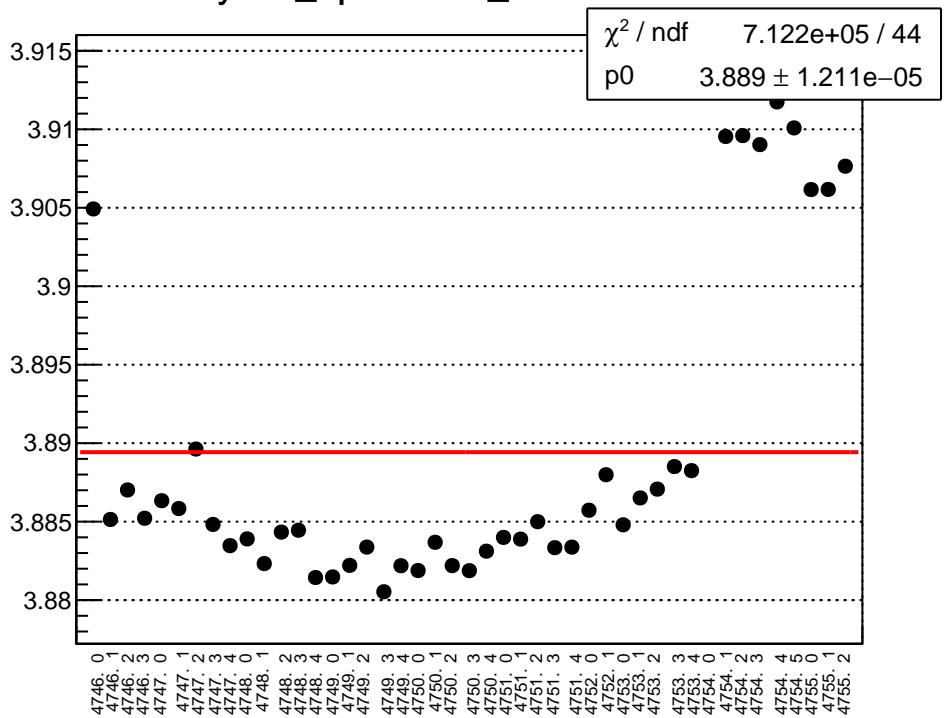
yield_bpm2i02Y_mean vs run



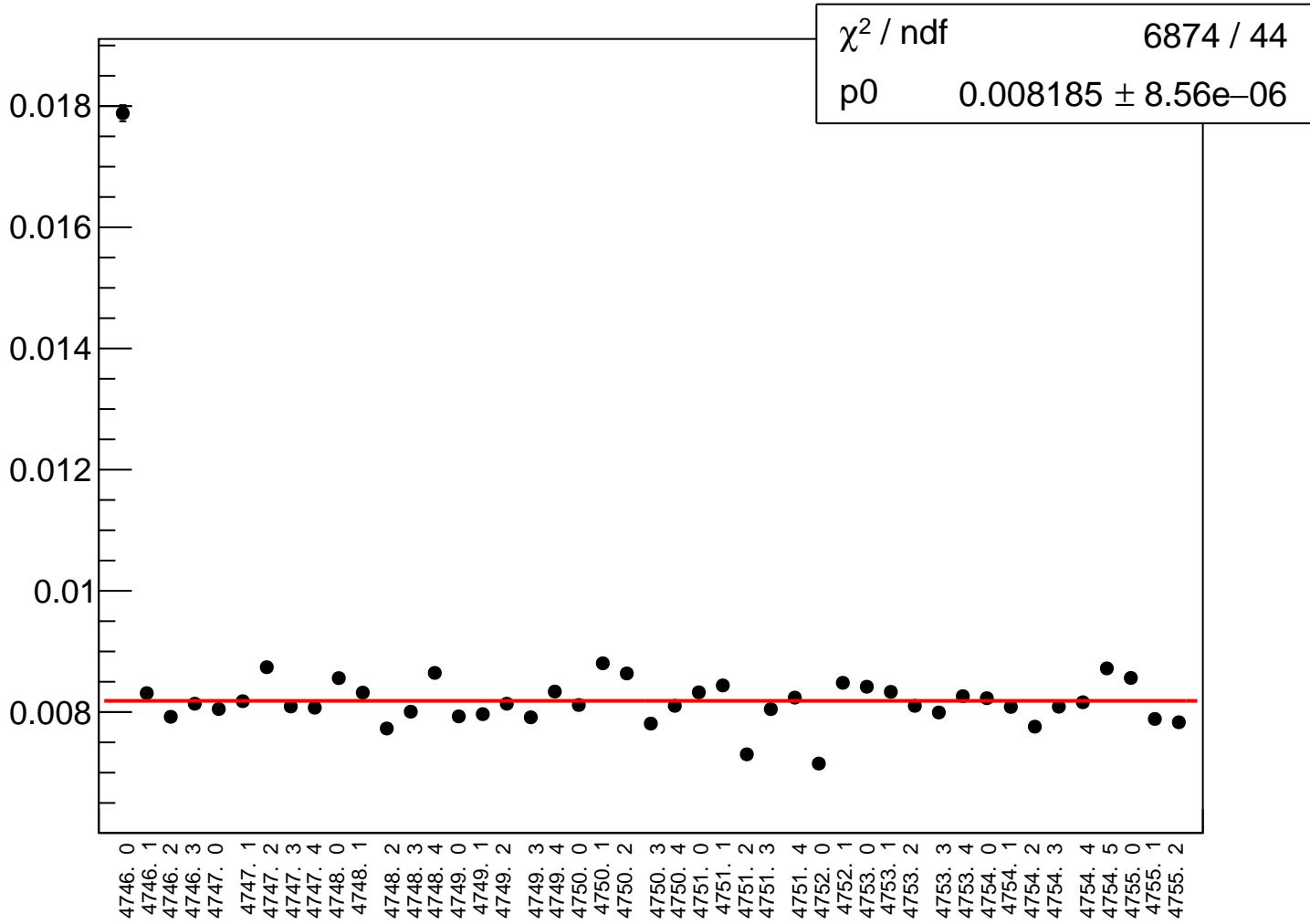
yield_bpm2i02Y_rms vs run



yield_bpm1i04X_mean vs run

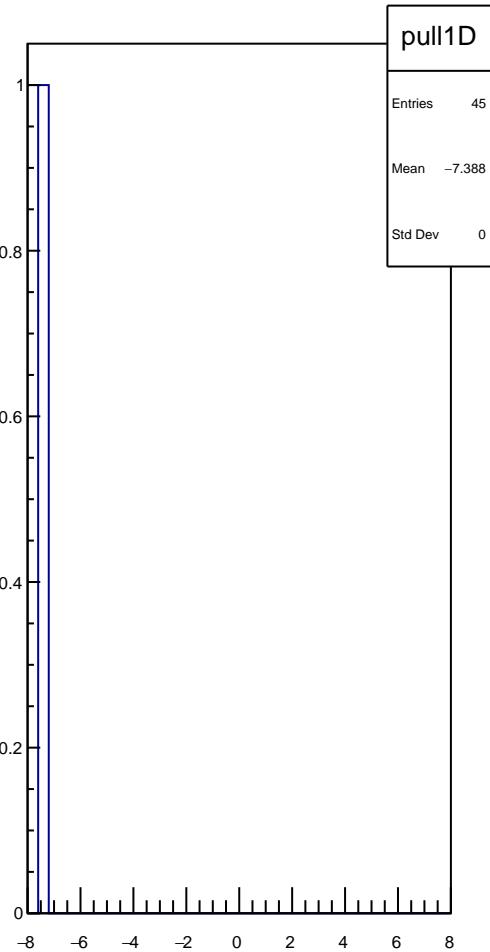
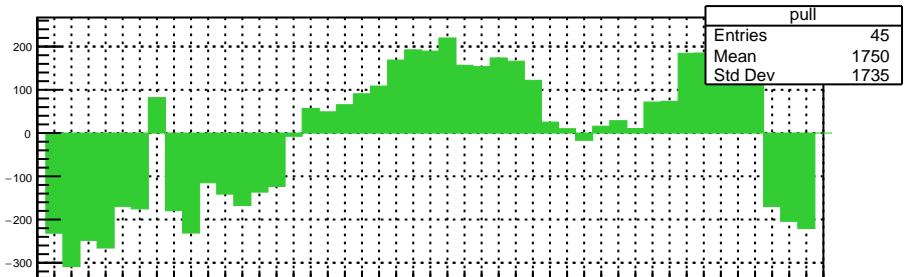
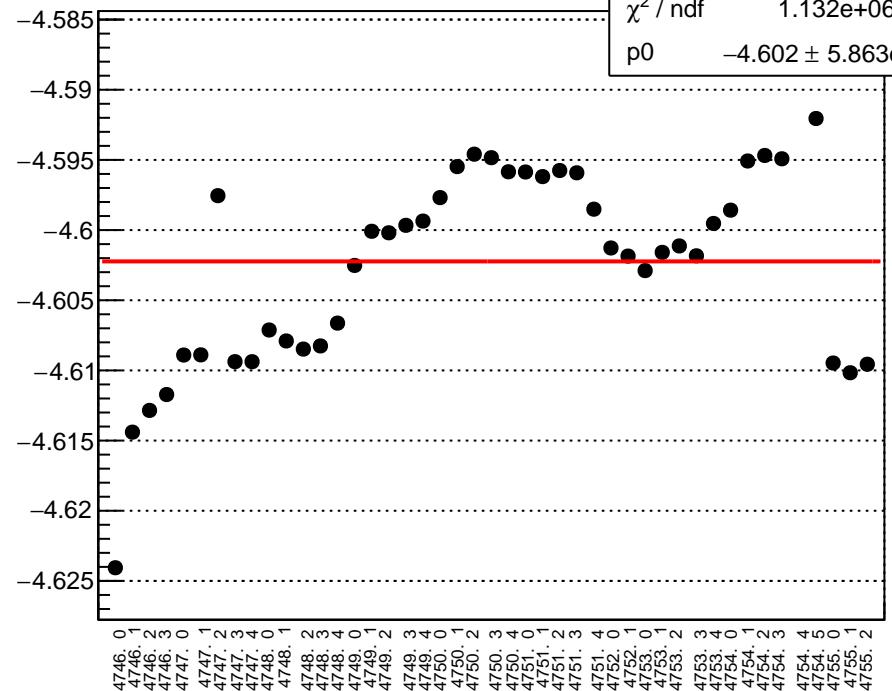


yield_bpm1i04X_rms vs run

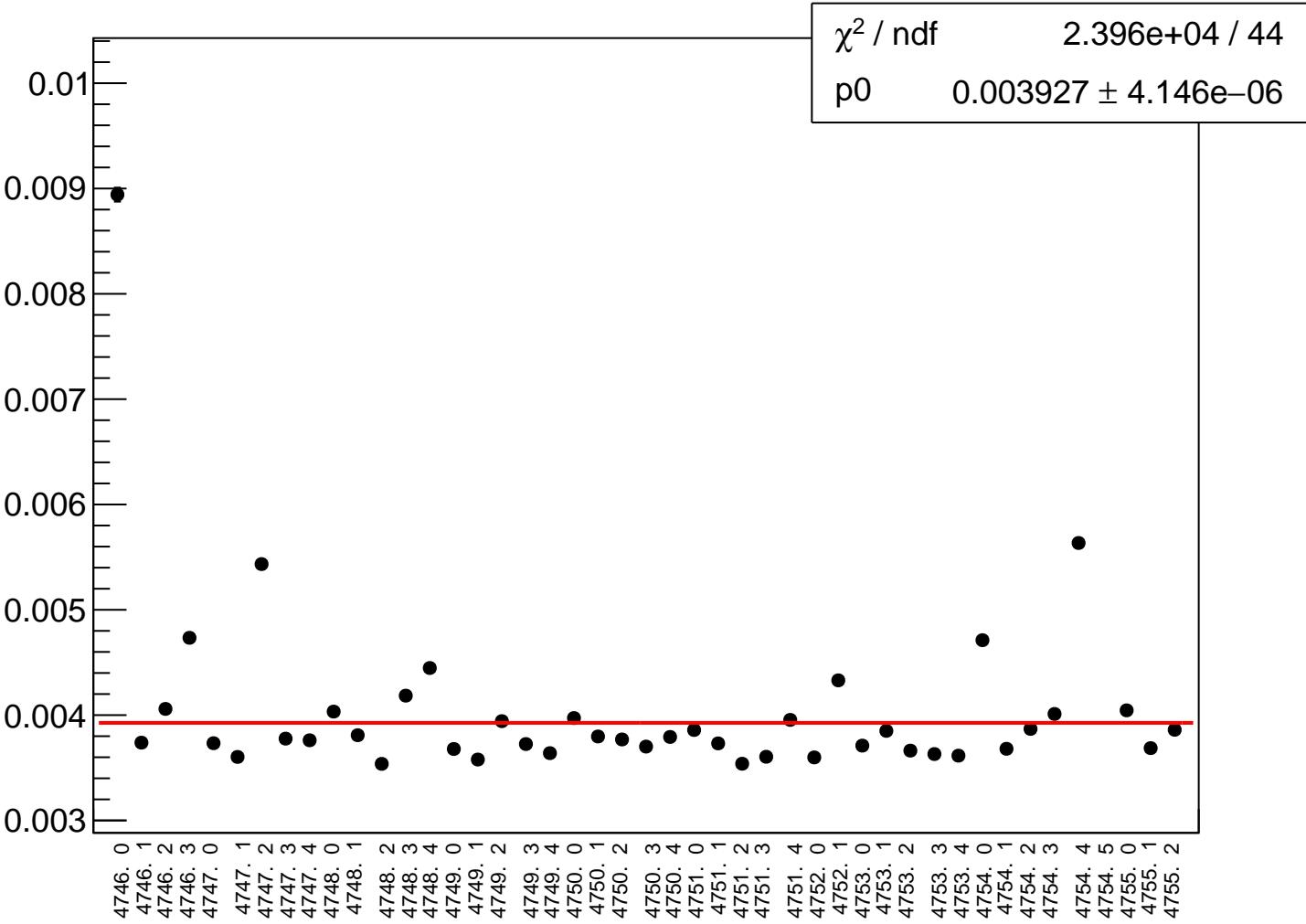




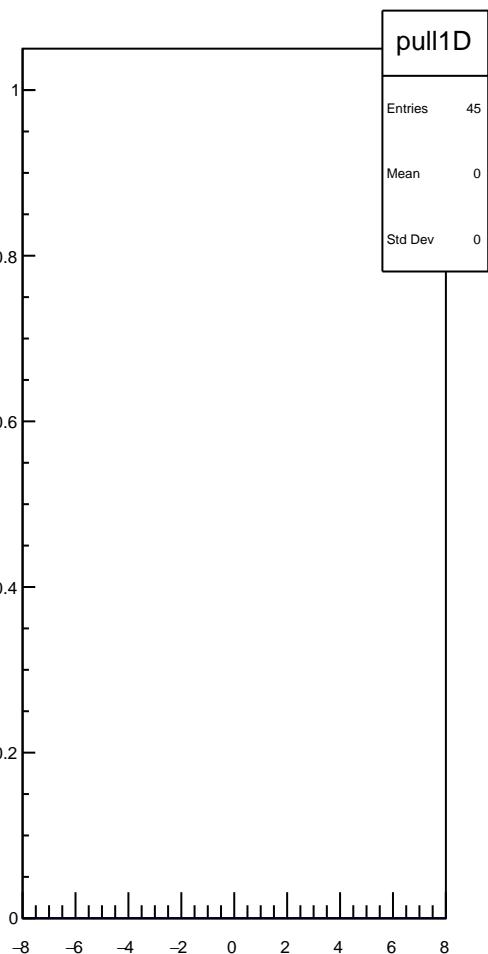
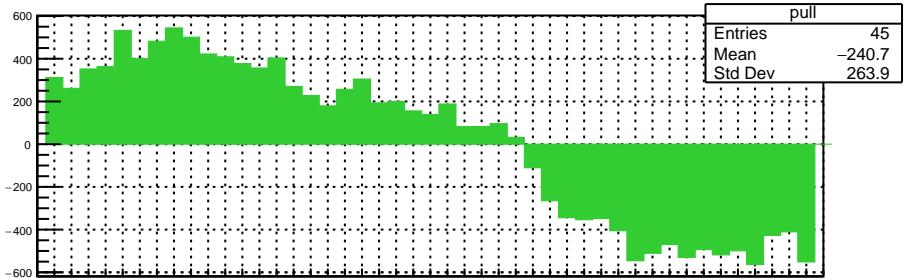
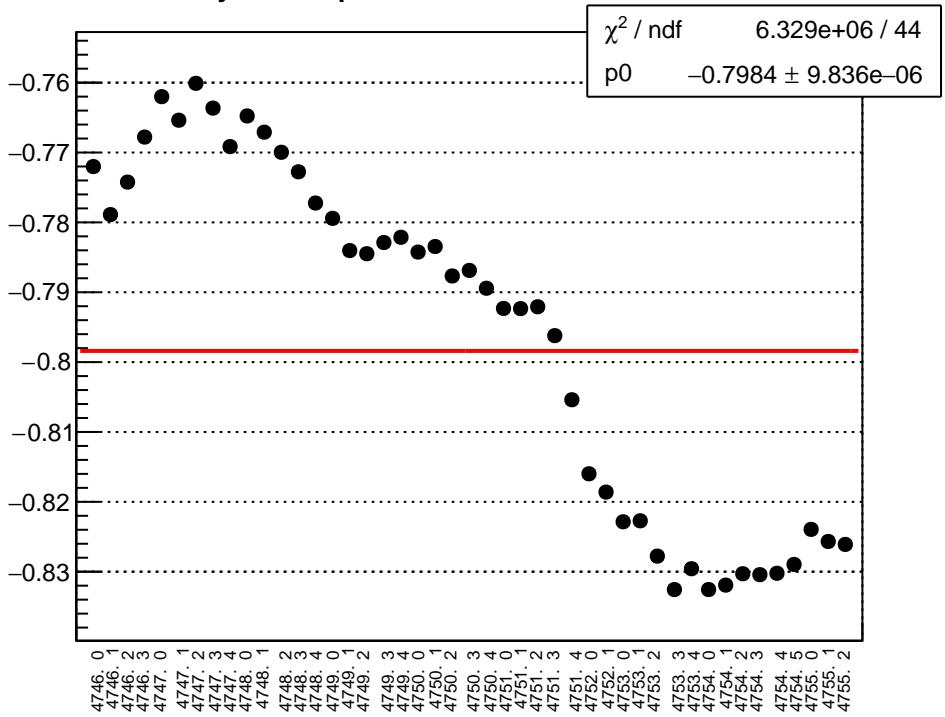
χ^2 / ndf 1.132e+06 / 44
p0 $-4.602 \pm 5.863 \times 10^{-6}$



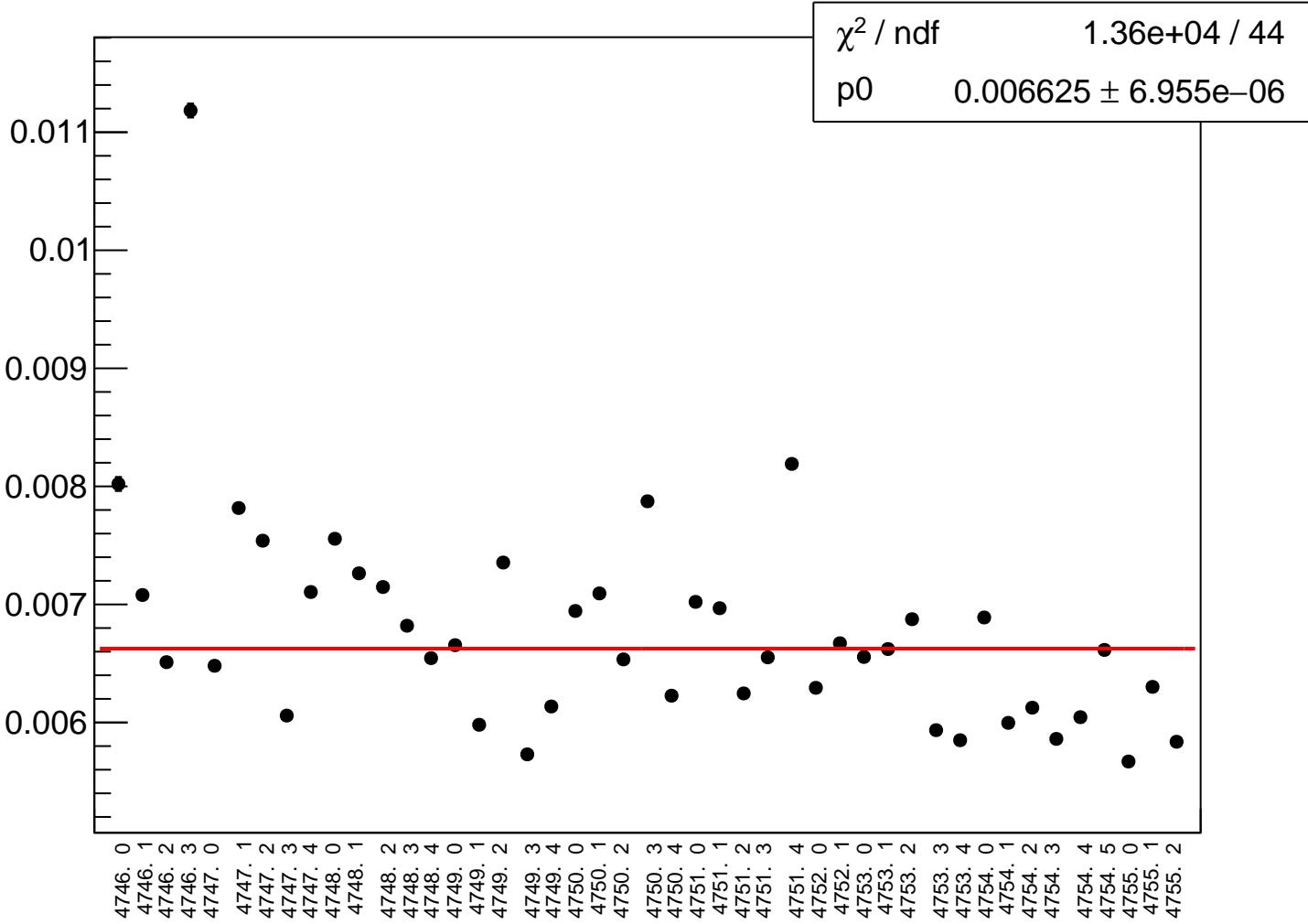
yield_bpm1i04Y_rms vs run



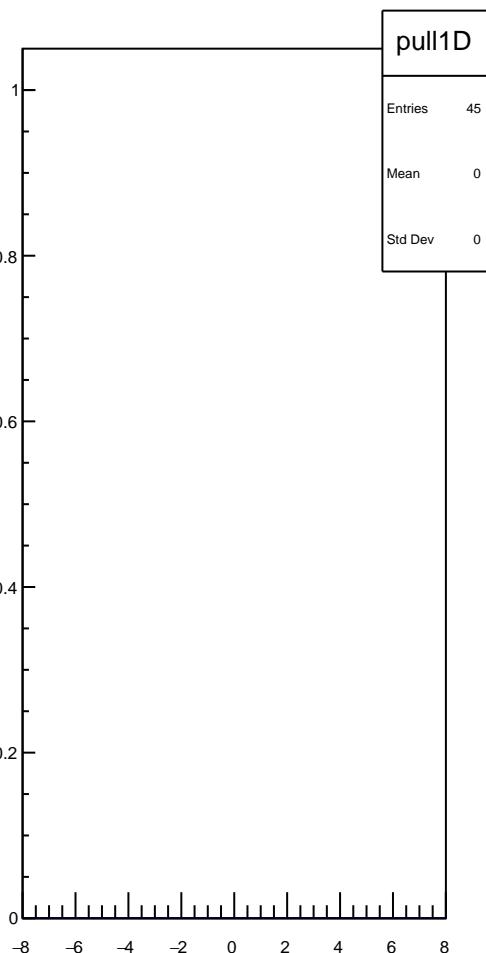
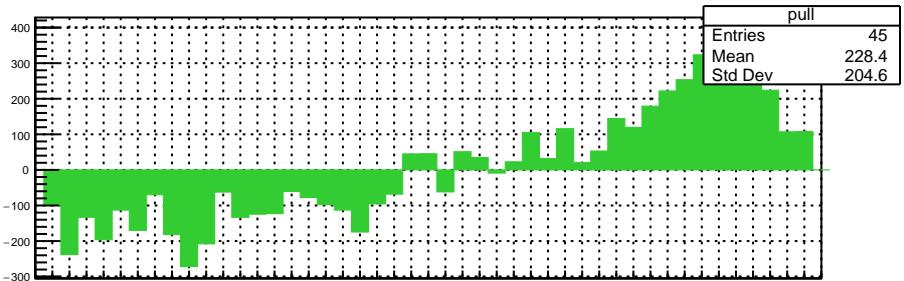
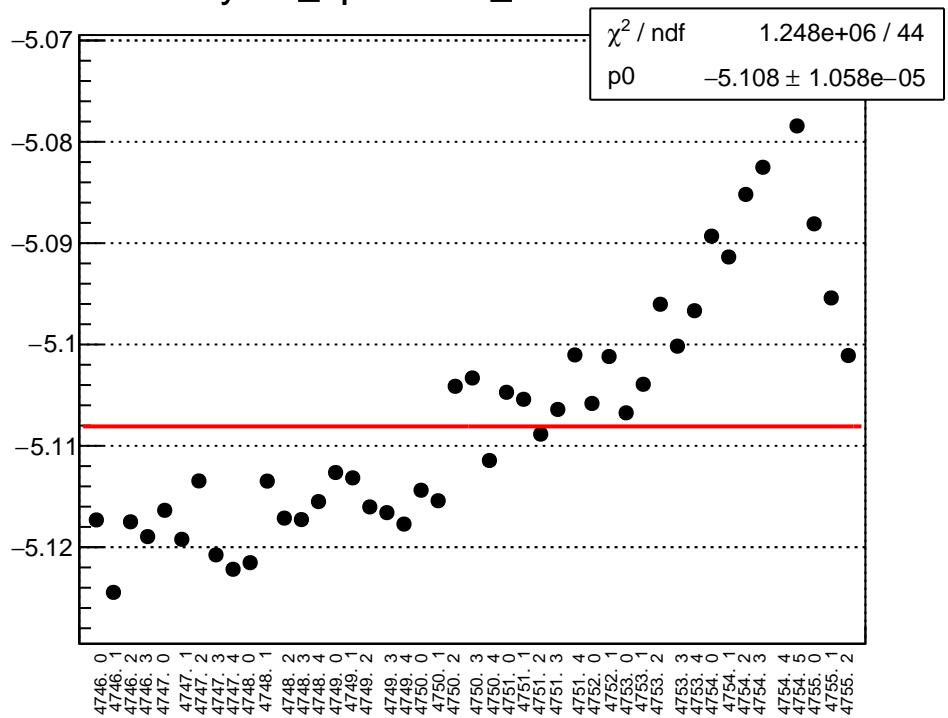
yield_bpm0I01X_mean vs run



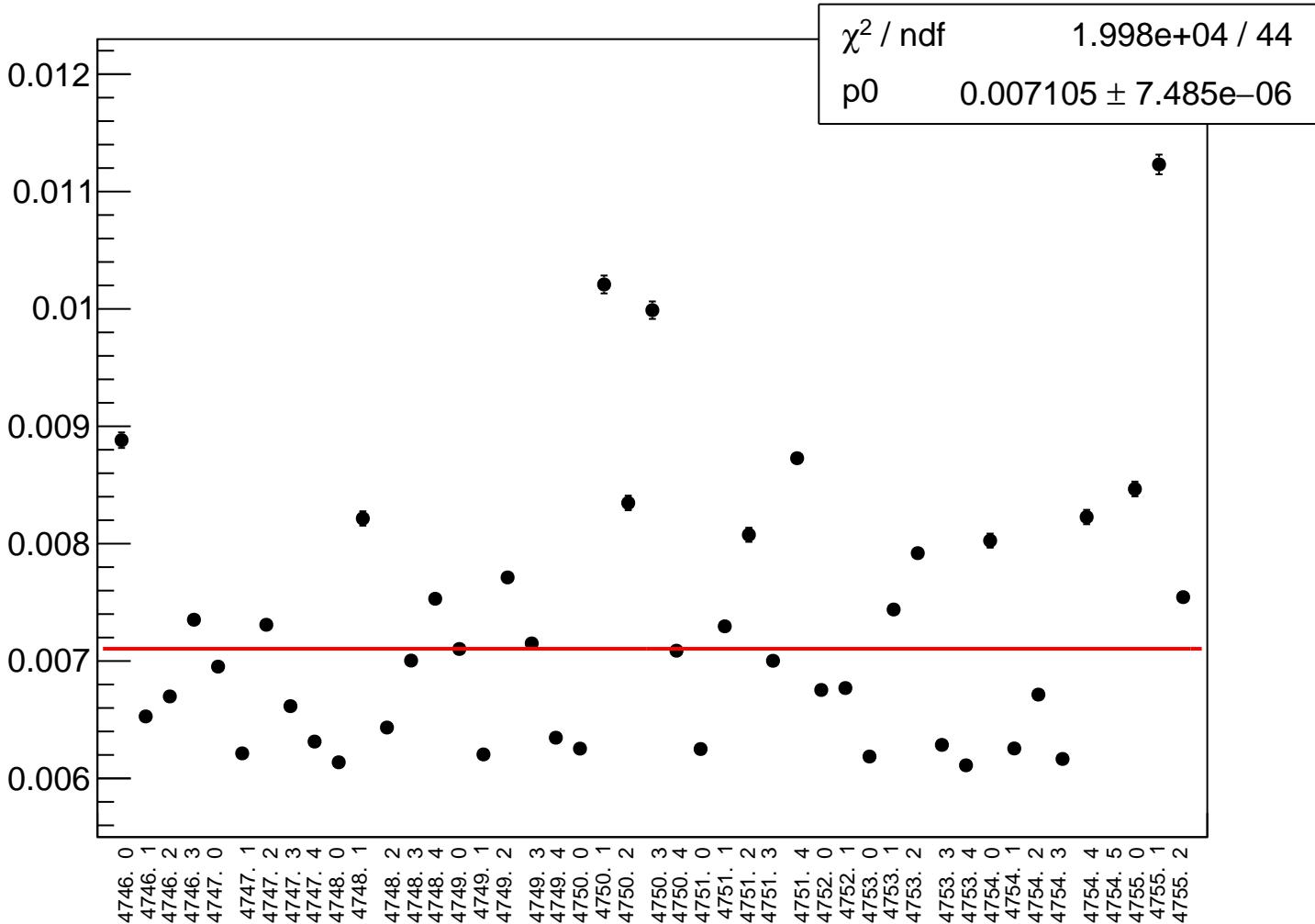
yield_bpm0l01X_rms vs run



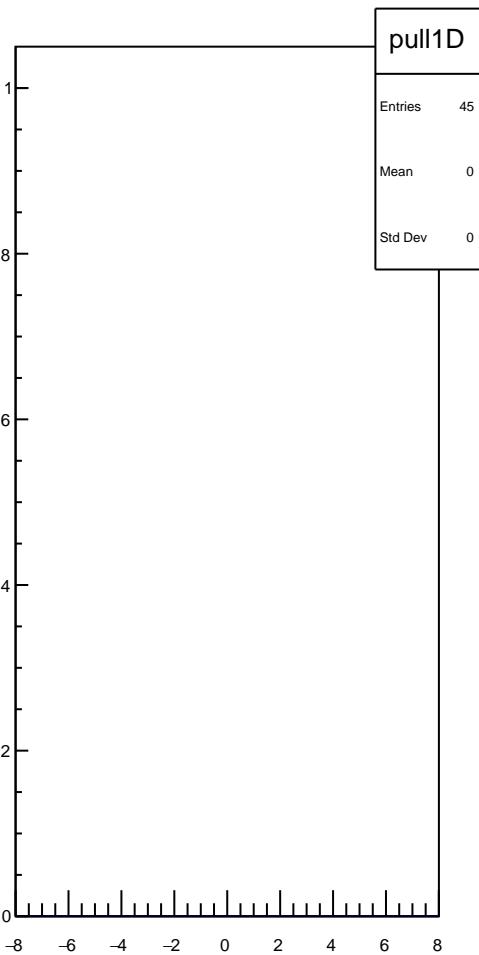
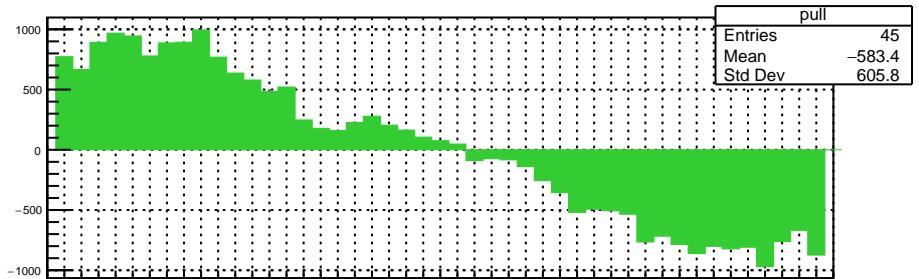
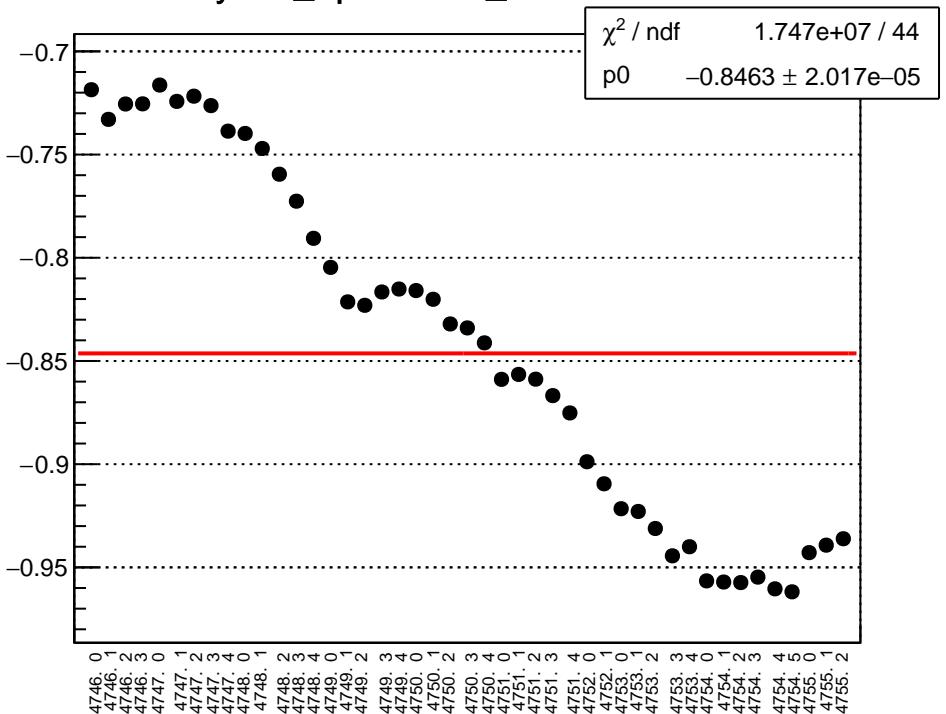
yield_bpm0I01Y_mean vs run



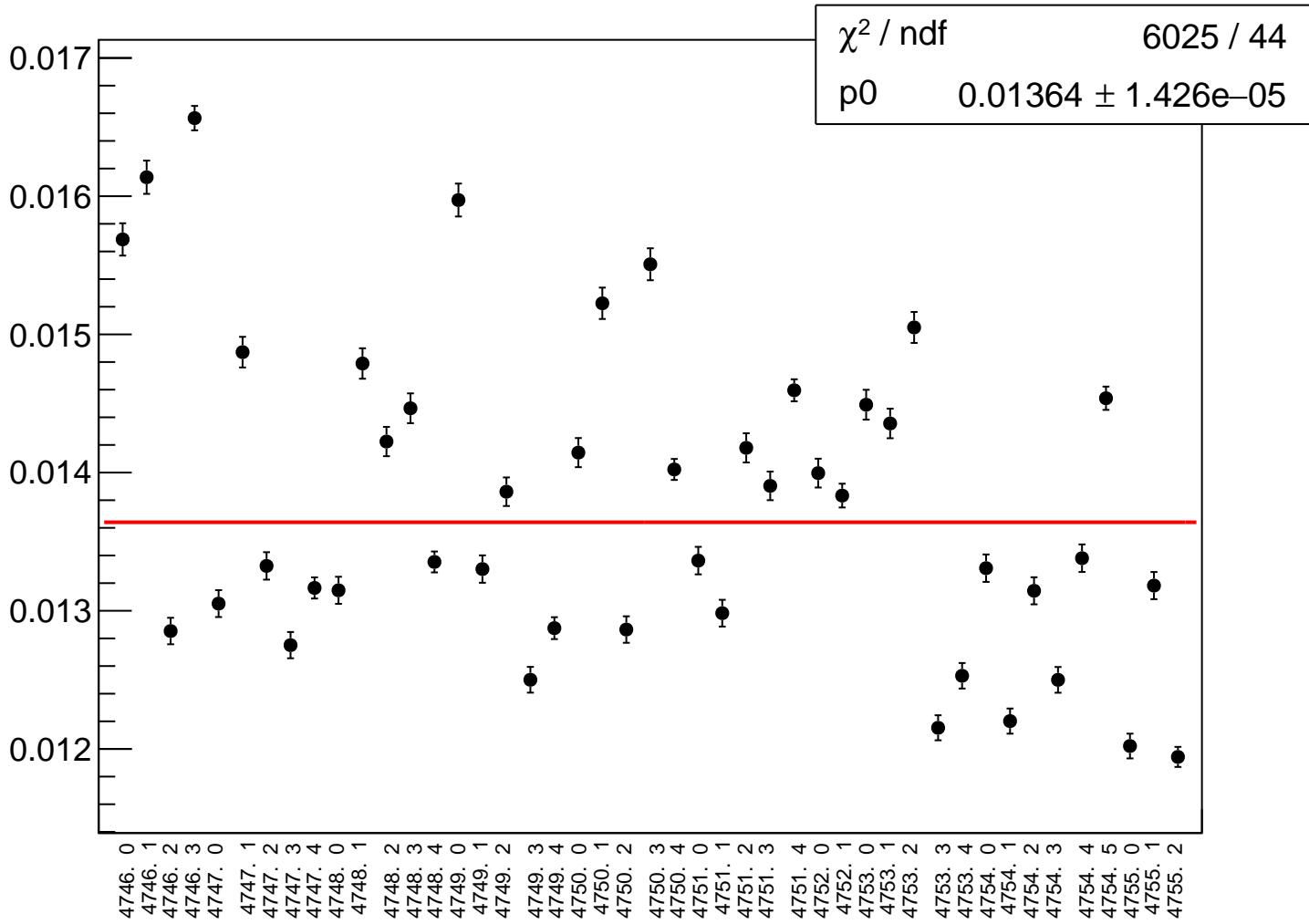
yield_bpm0l01Y_rms vs run



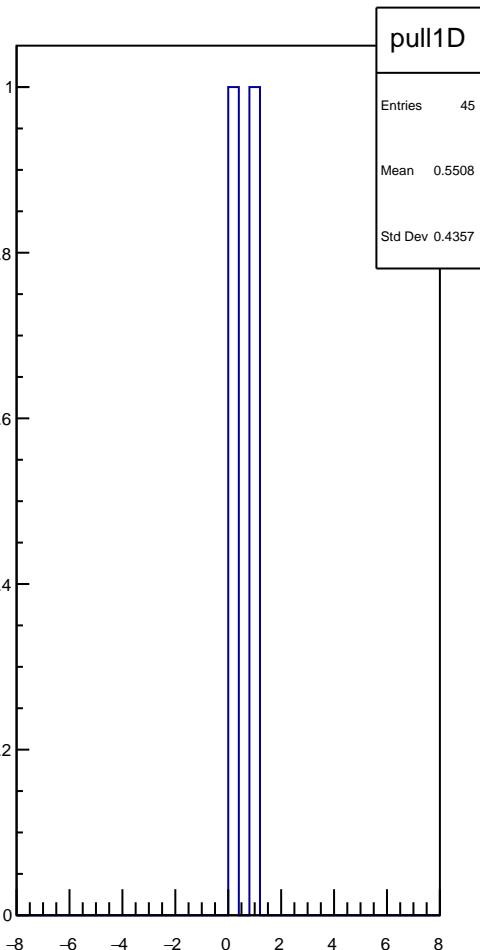
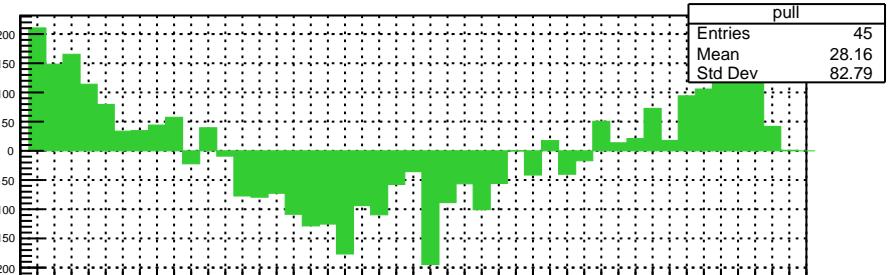
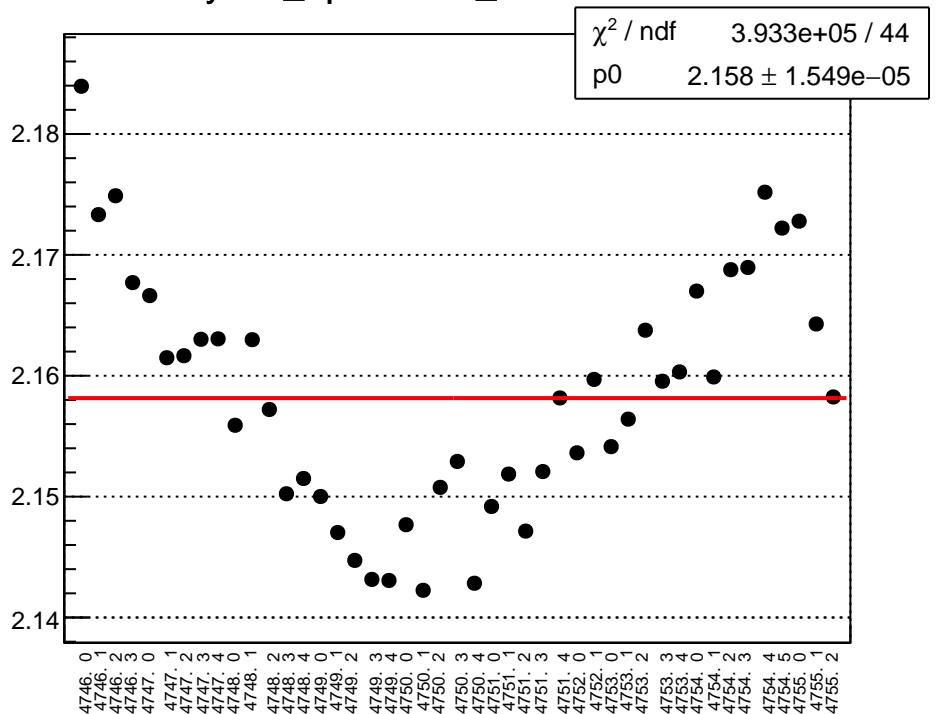
yield_bpm0l02X_mean vs run



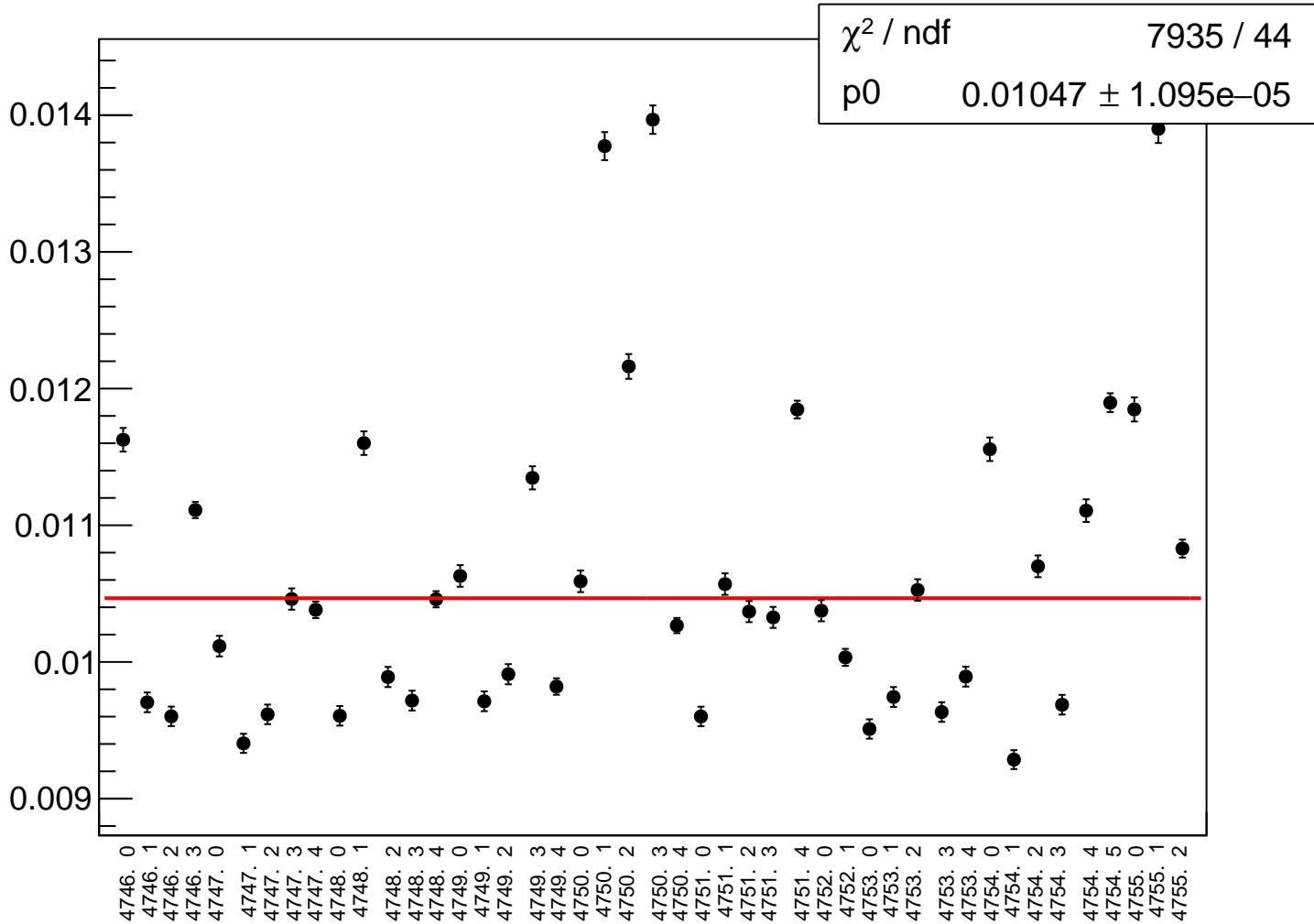
yield_bpm0l02X_rms vs run



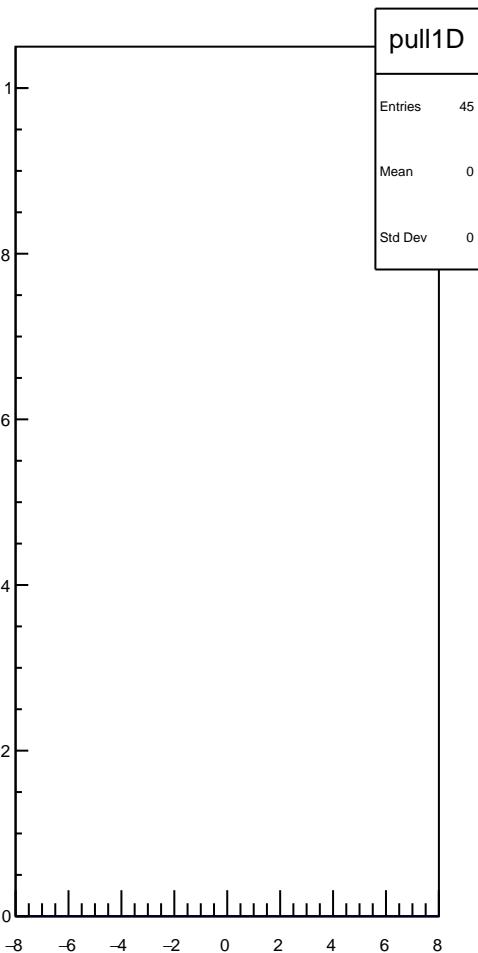
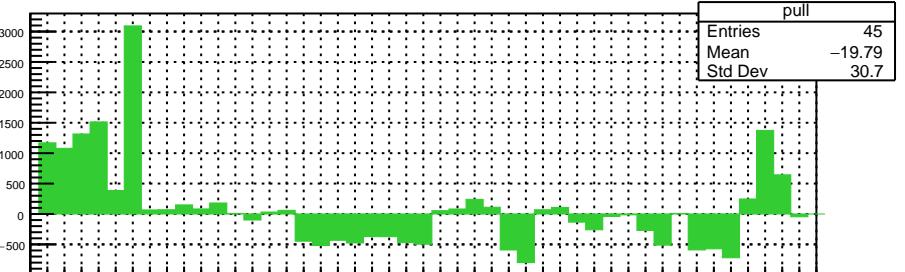
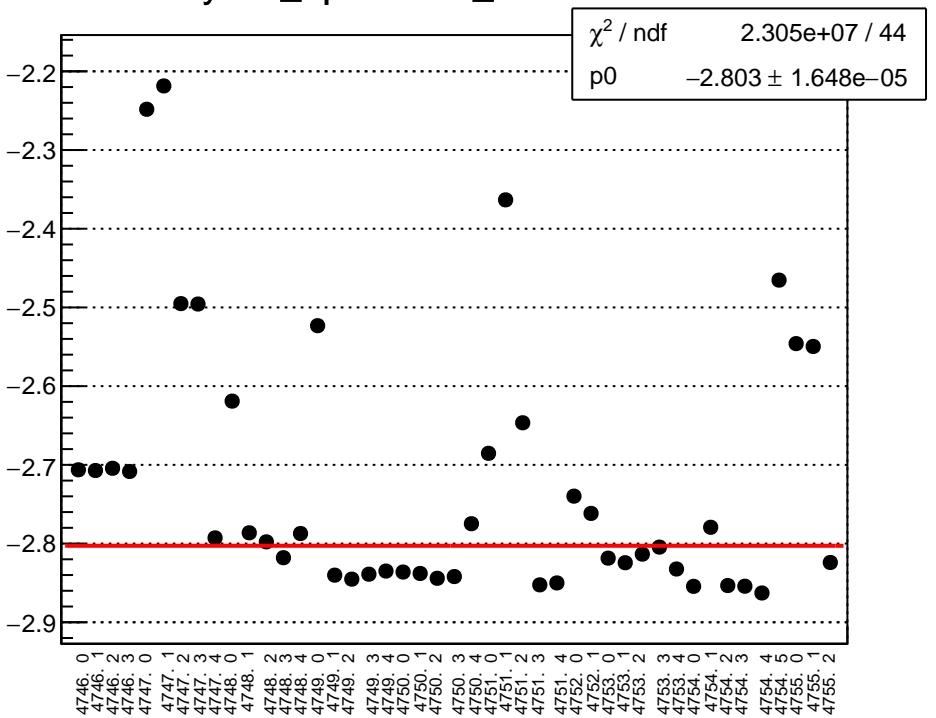
yield_bpm0I02Y_mean vs run



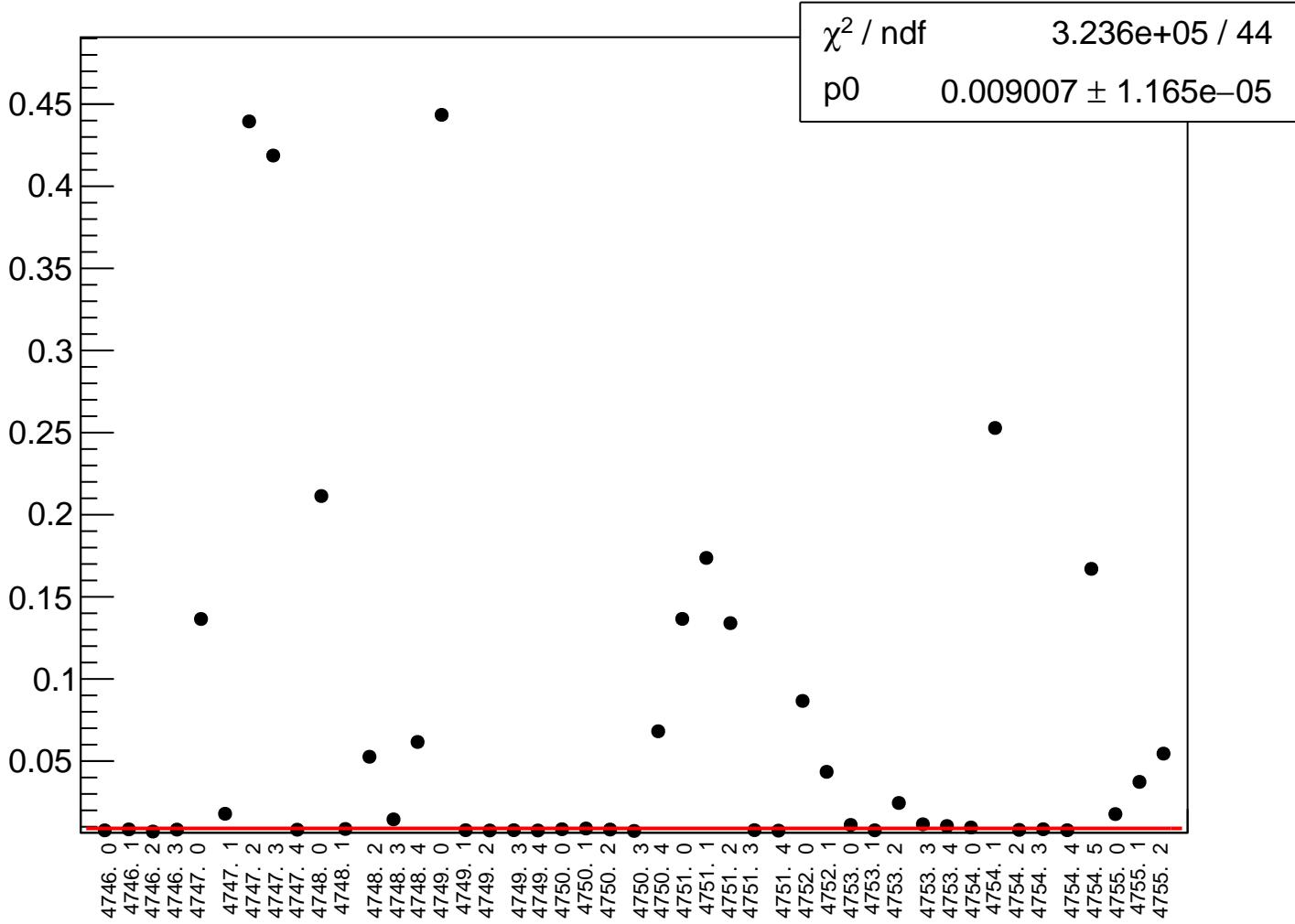
yield_bpm0l02Y_rms vs run



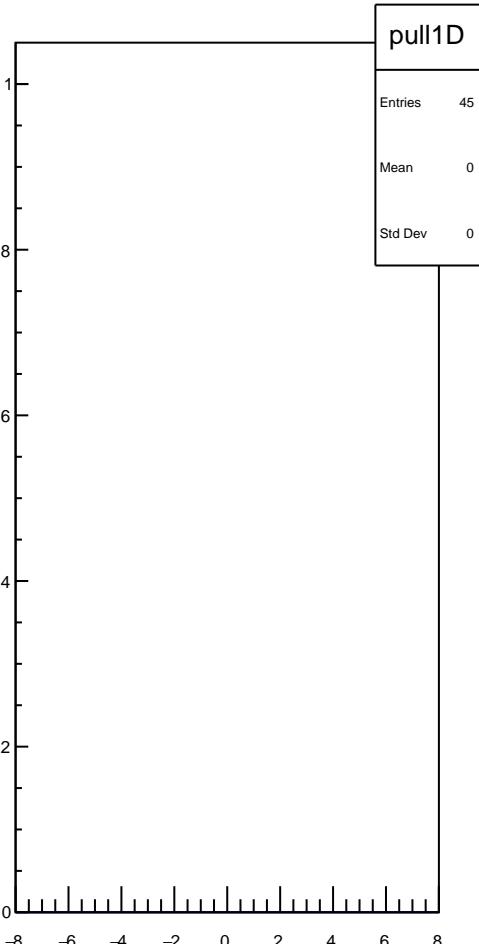
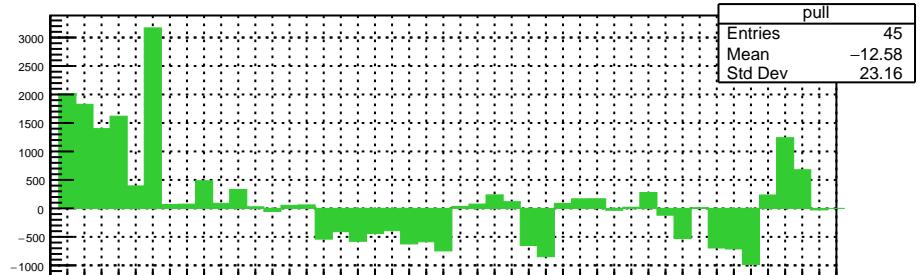
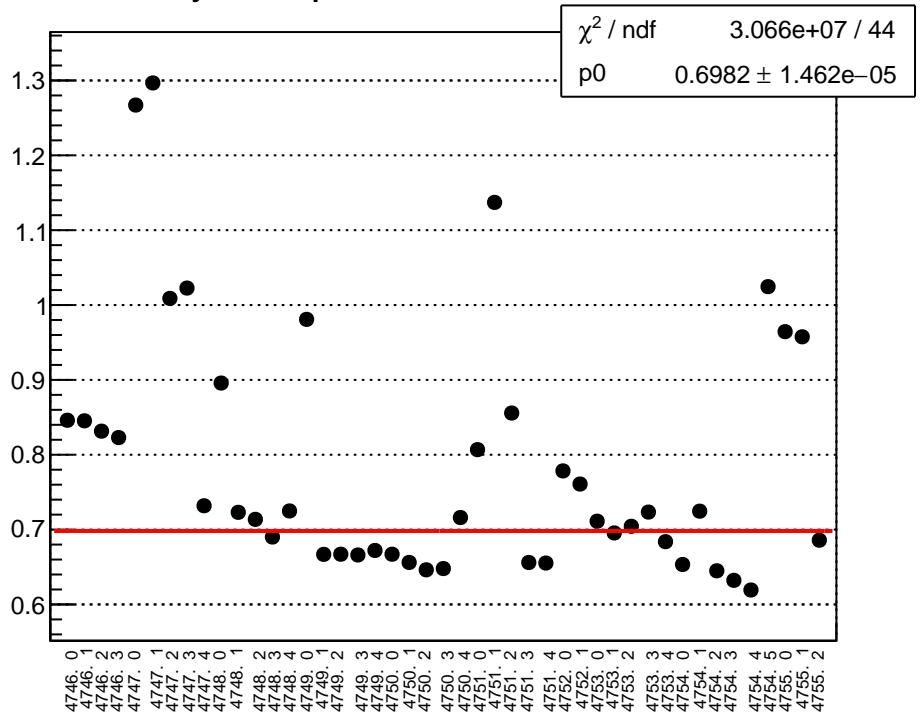
yield_bpm0l03X_mean vs run



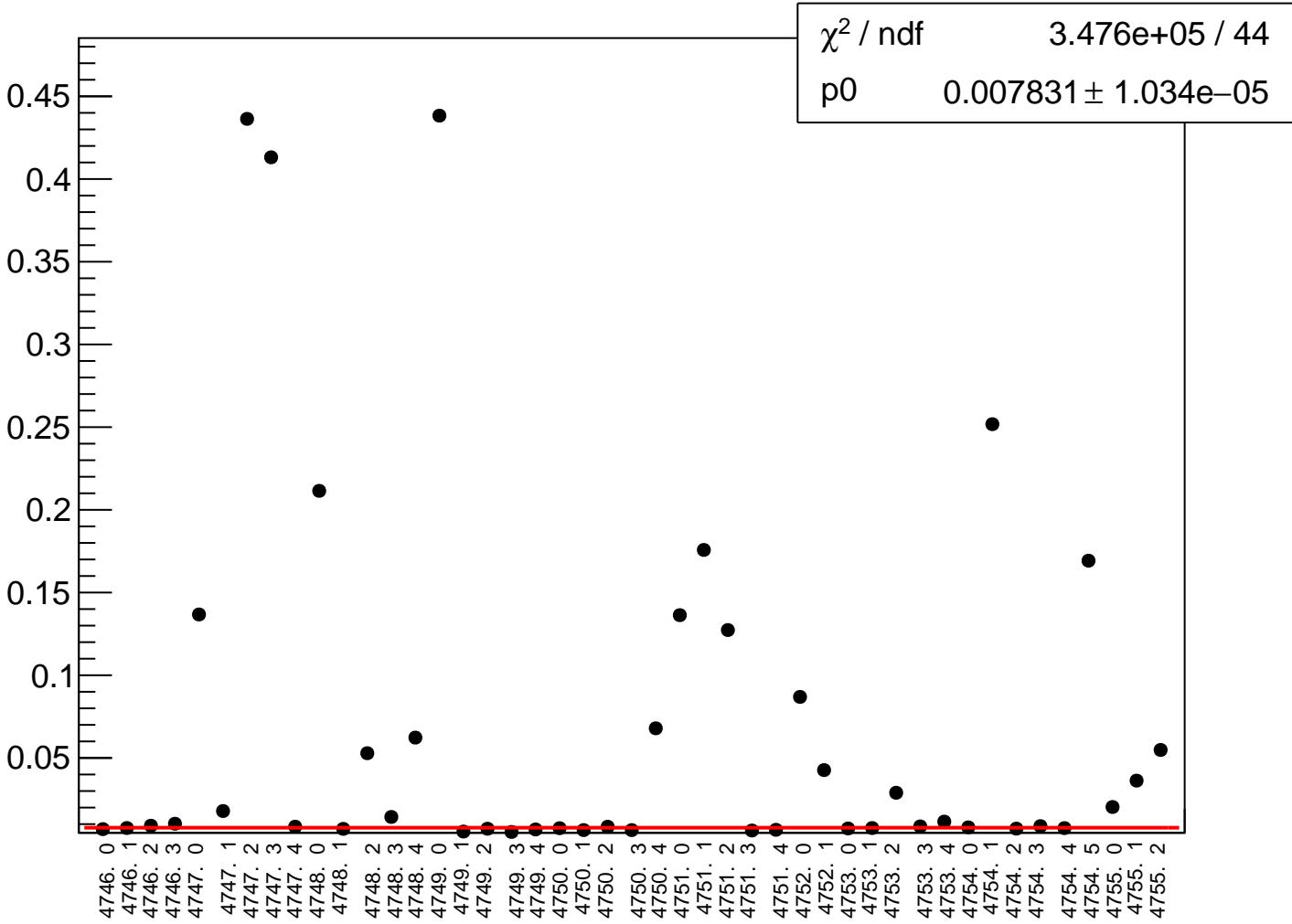
yield_bpm0l03X_rms vs run



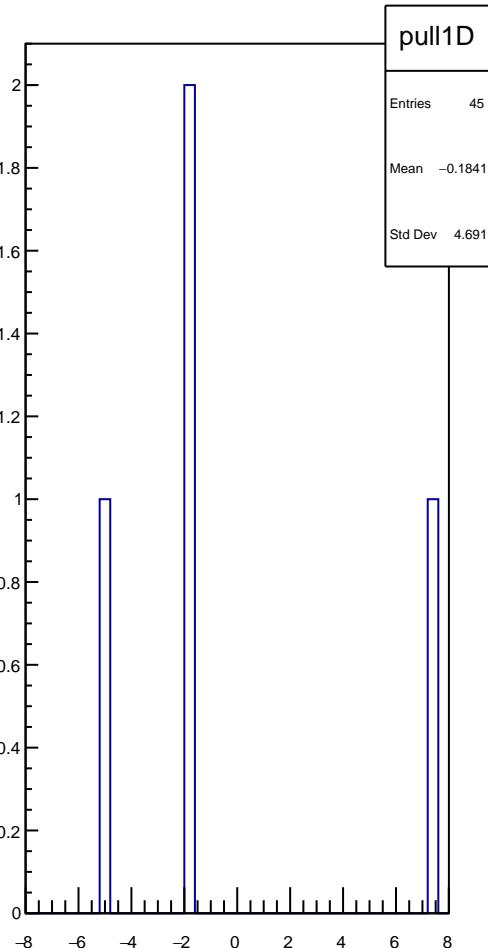
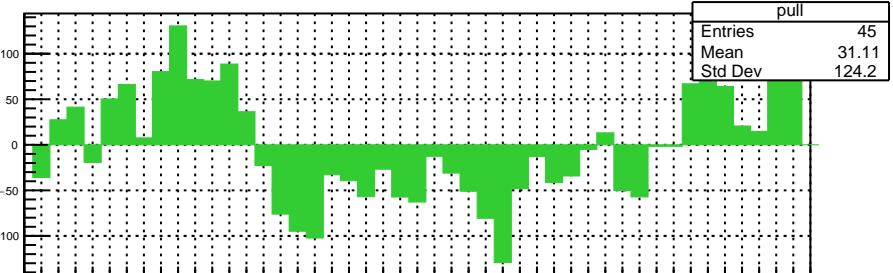
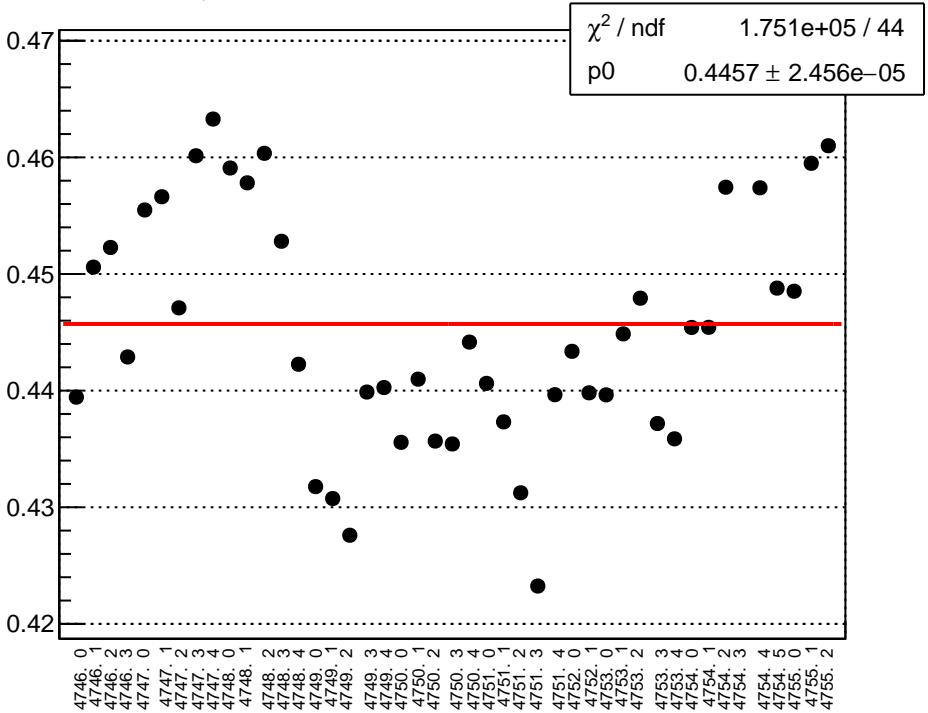
yield_bpm0I03Y_mean vs run



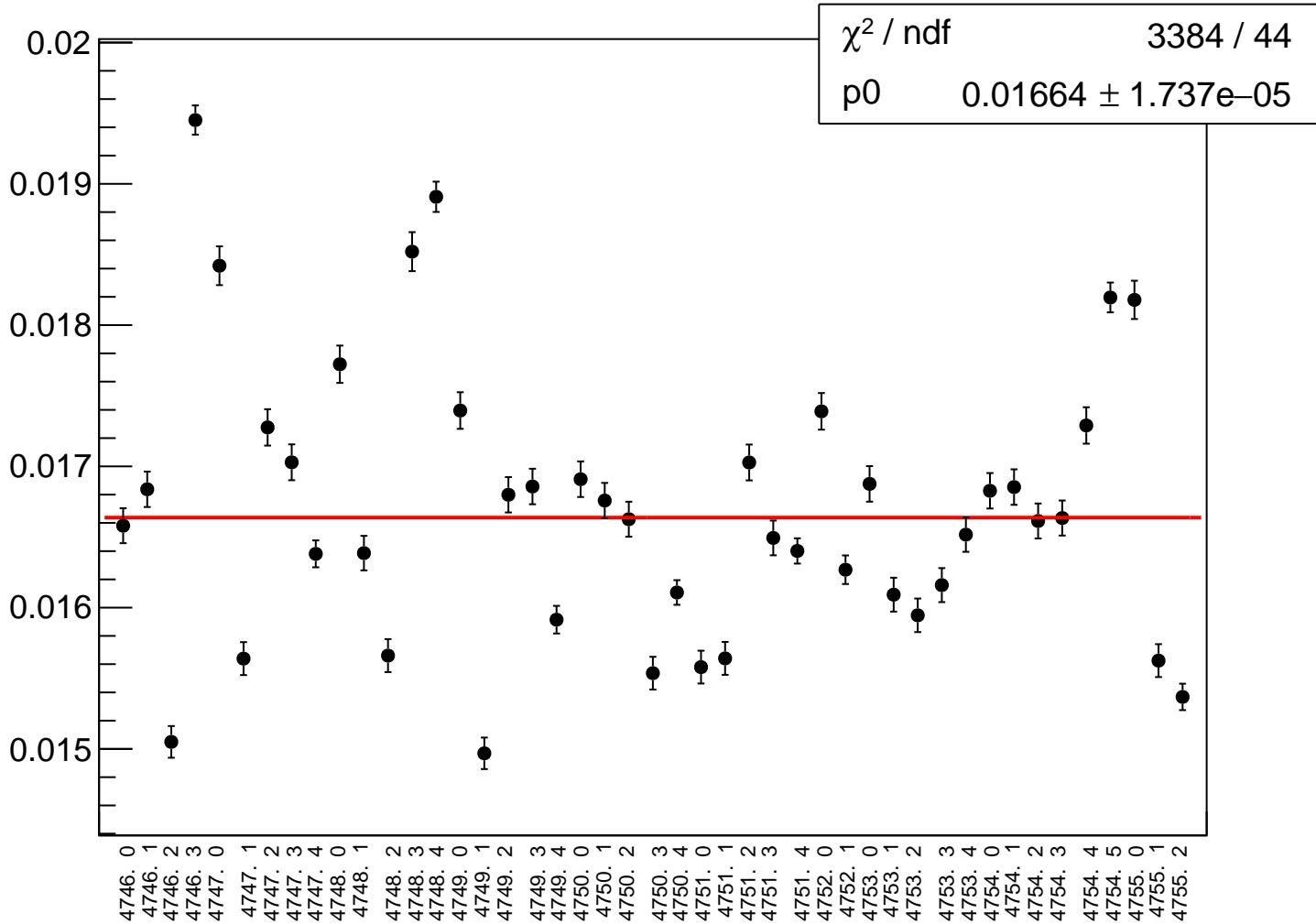
yield_bpm0l03Y_rms vs run



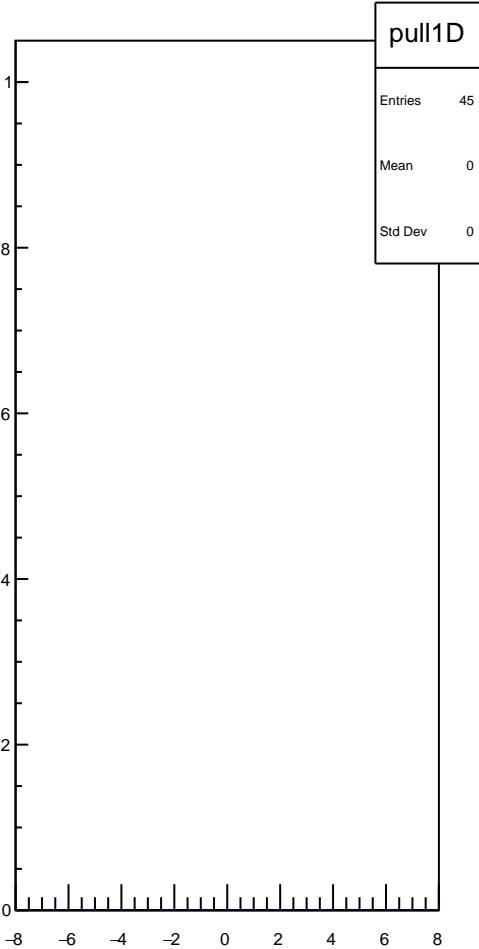
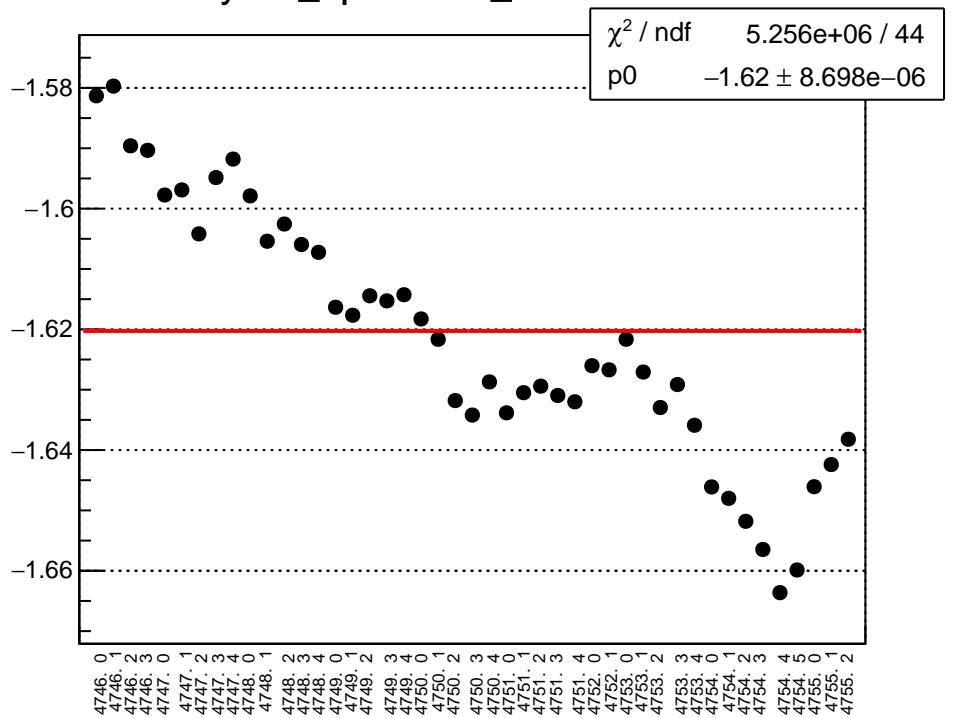
yield_bpm0l04X_mean vs run



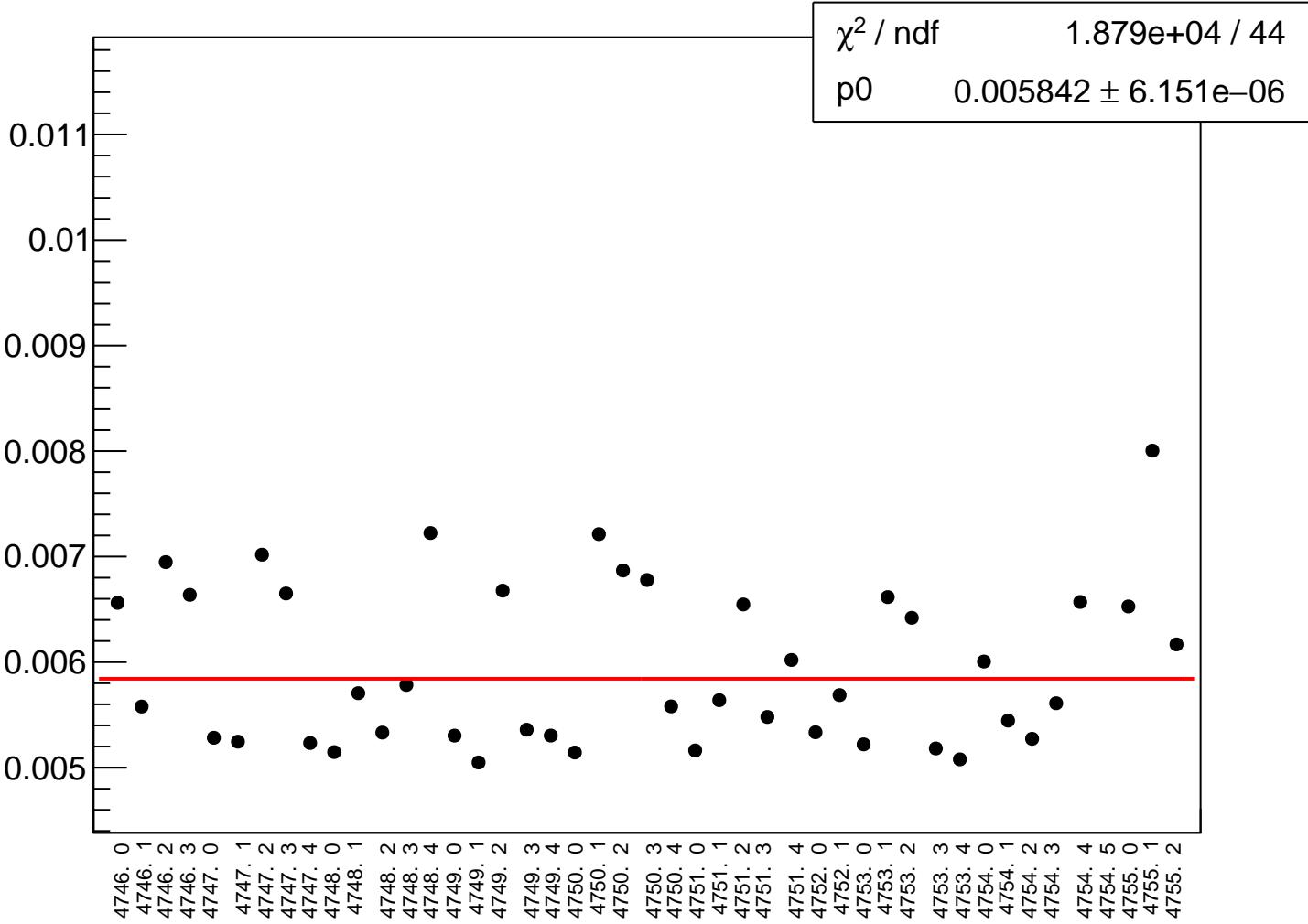
yield_bpm0l04X_rms vs run



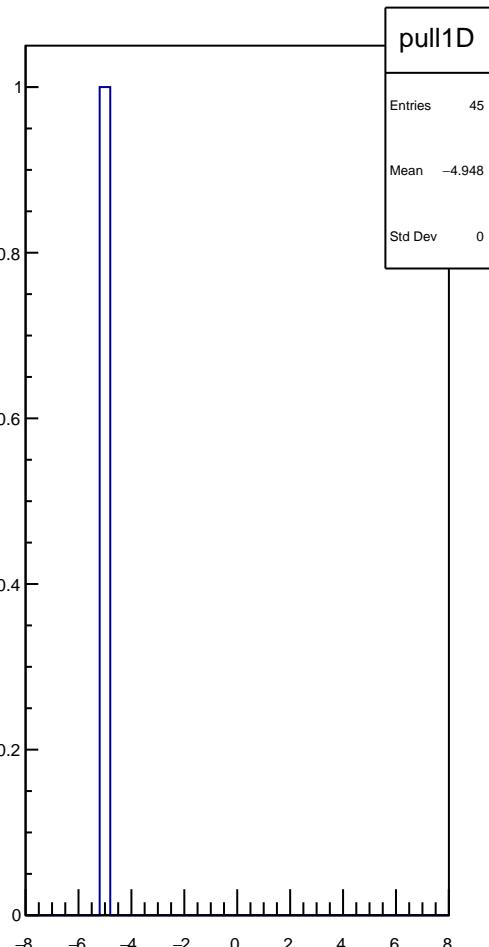
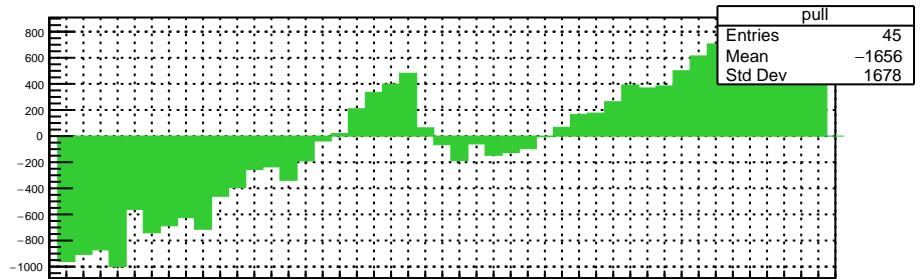
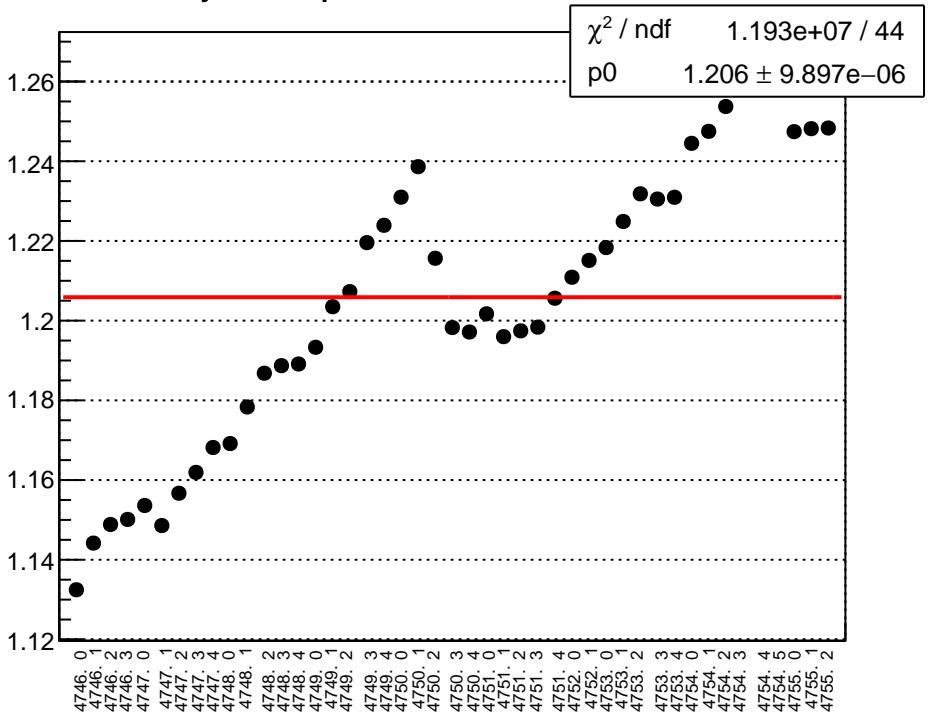
yield_bpm0I04Y_mean vs run



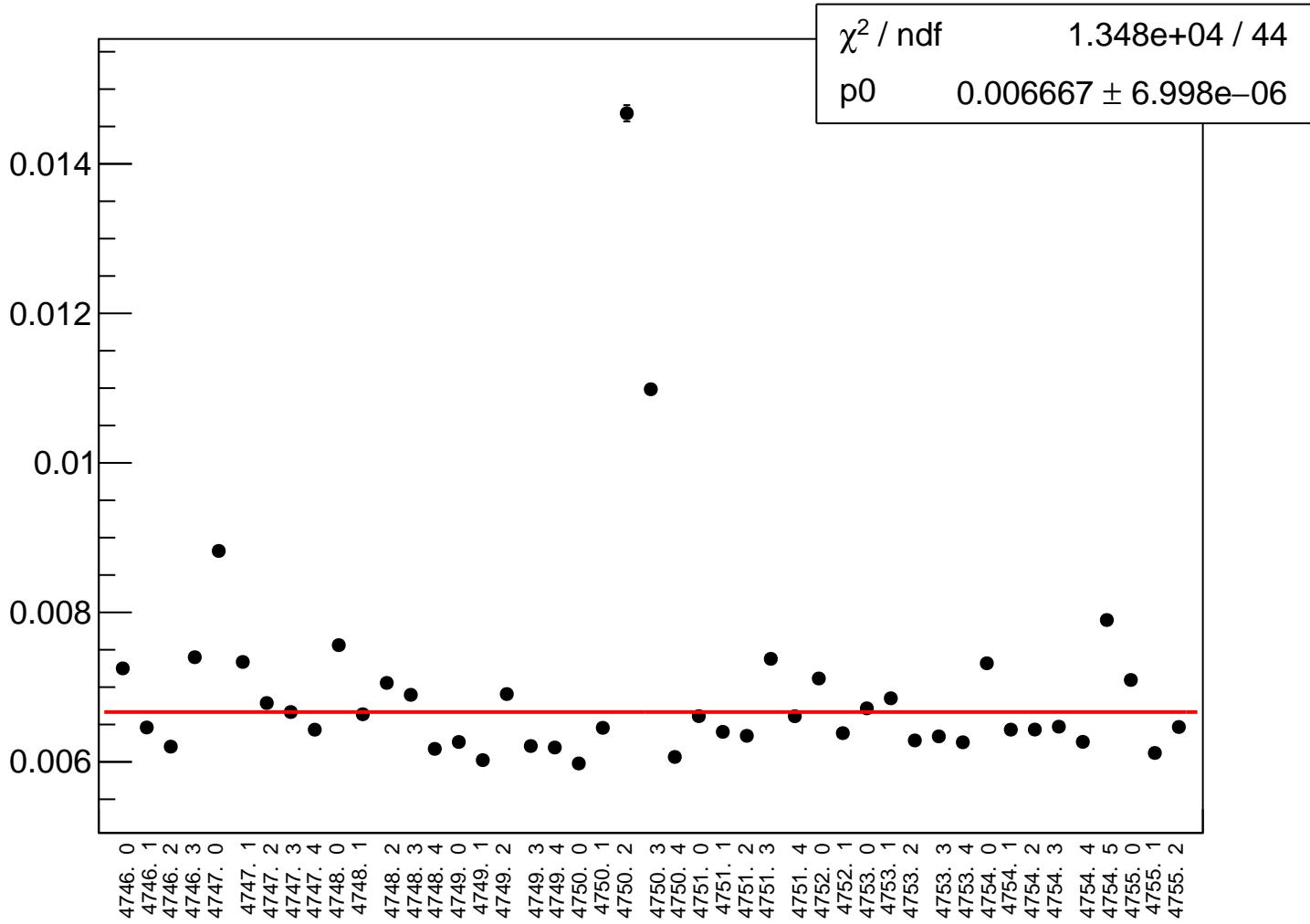
yield_bpm0l04Y_rms vs run



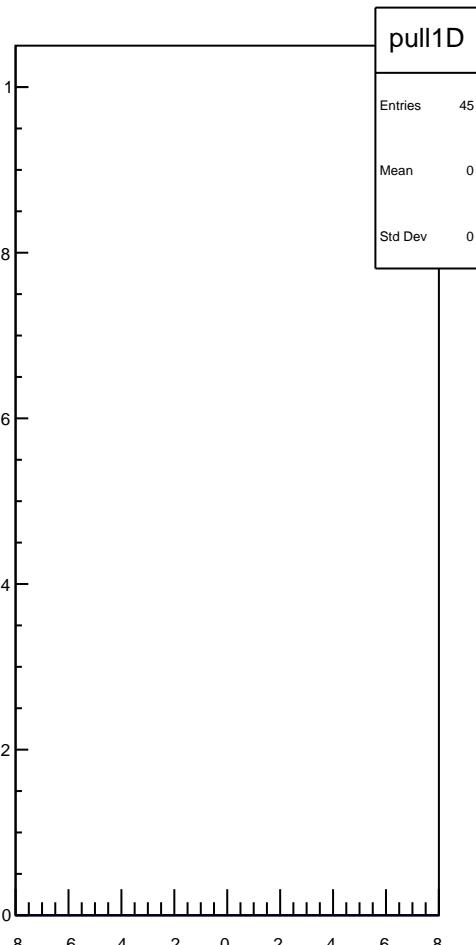
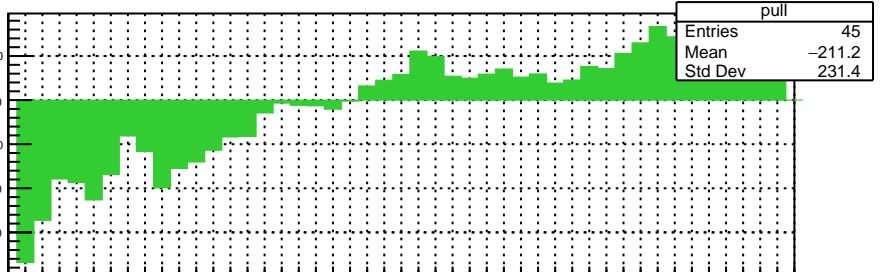
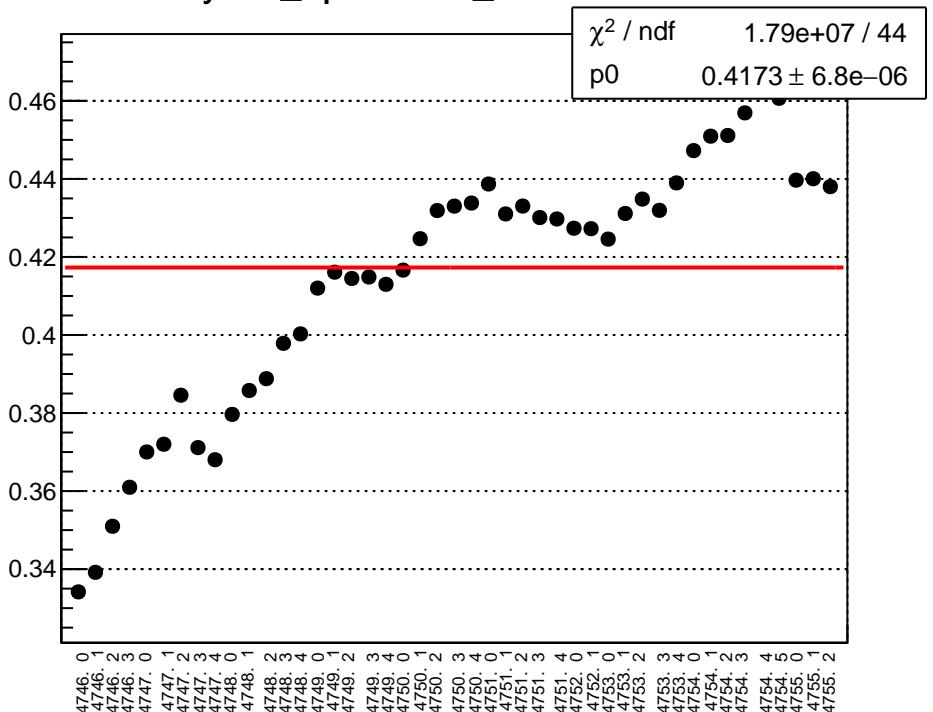
yield_bpm0l05X_mean vs run



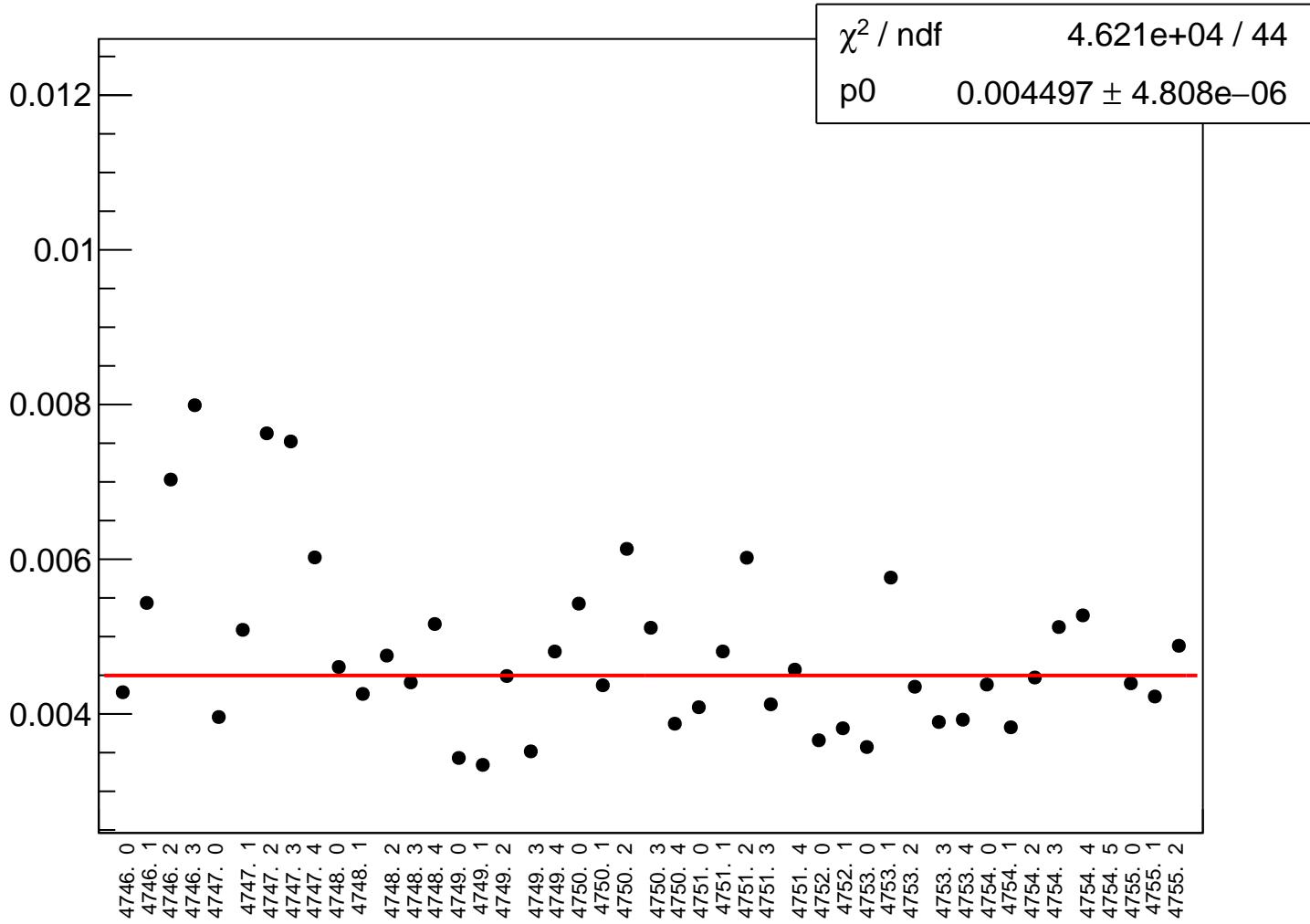
yield_bpm0l05X_rms vs run



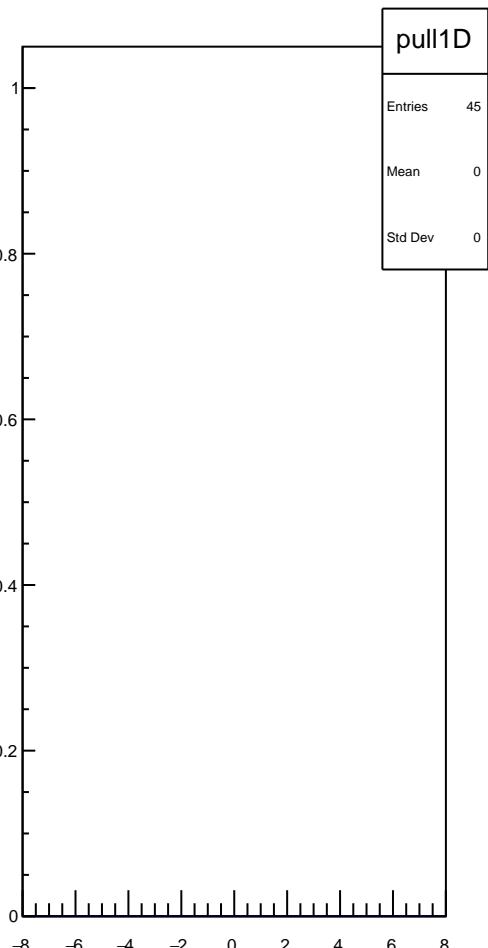
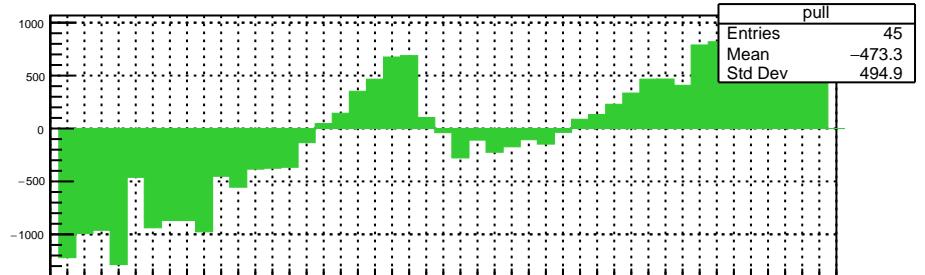
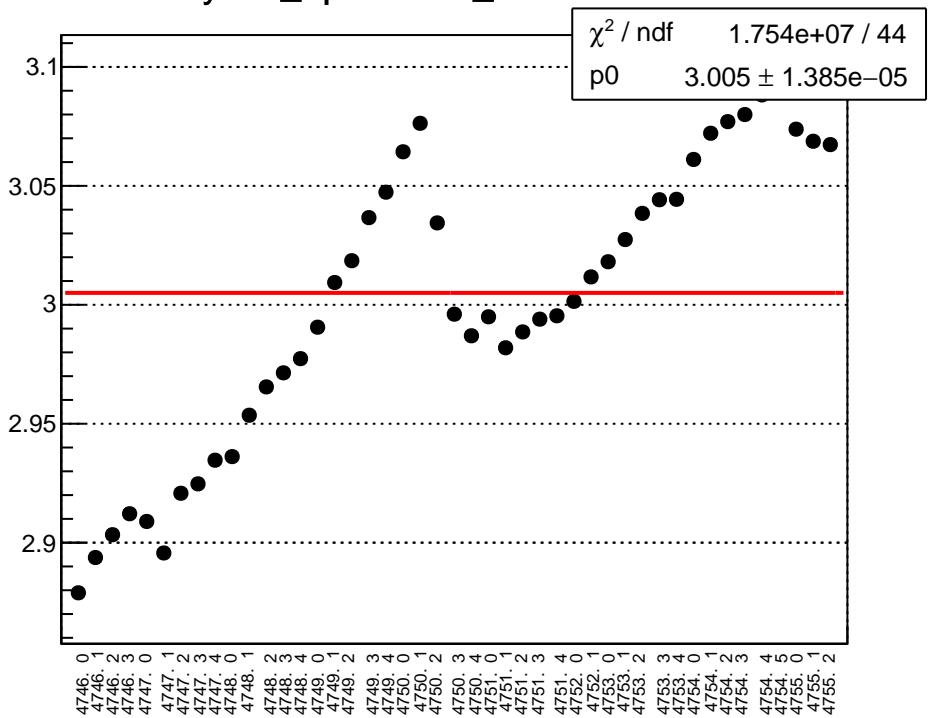
yield_bpm0I05Y_mean vs run



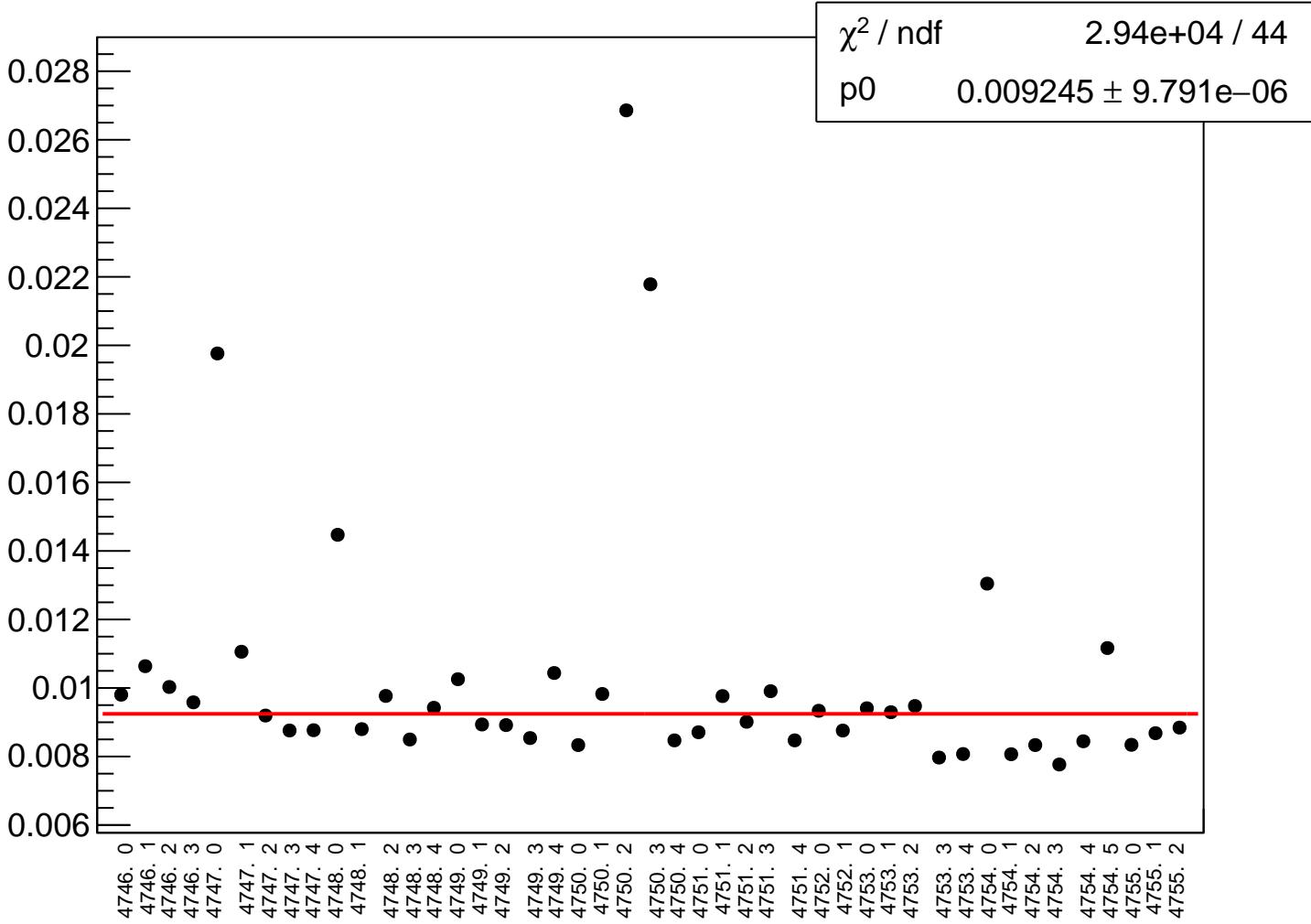
yield_bpm0l05Y_rms vs run



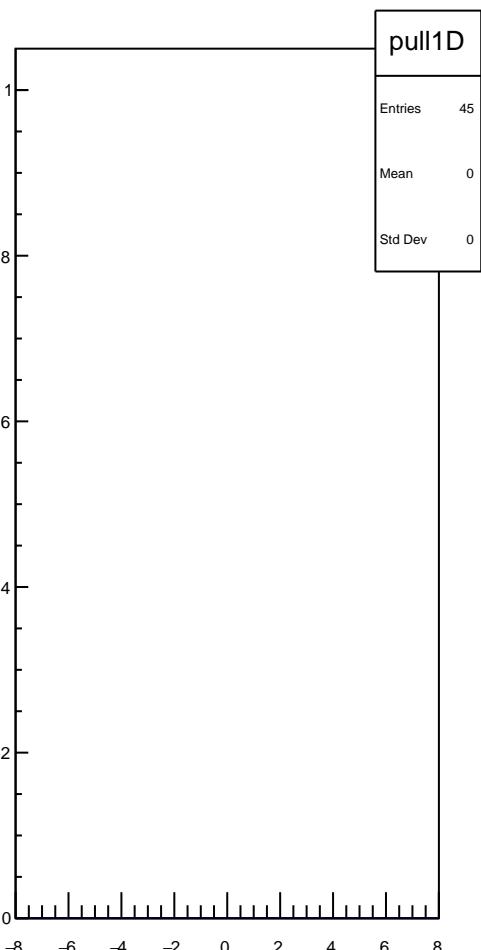
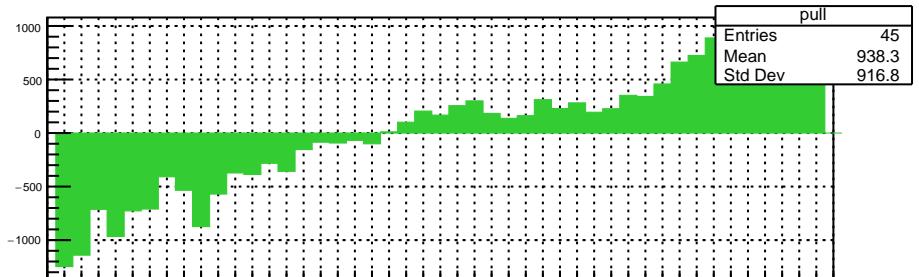
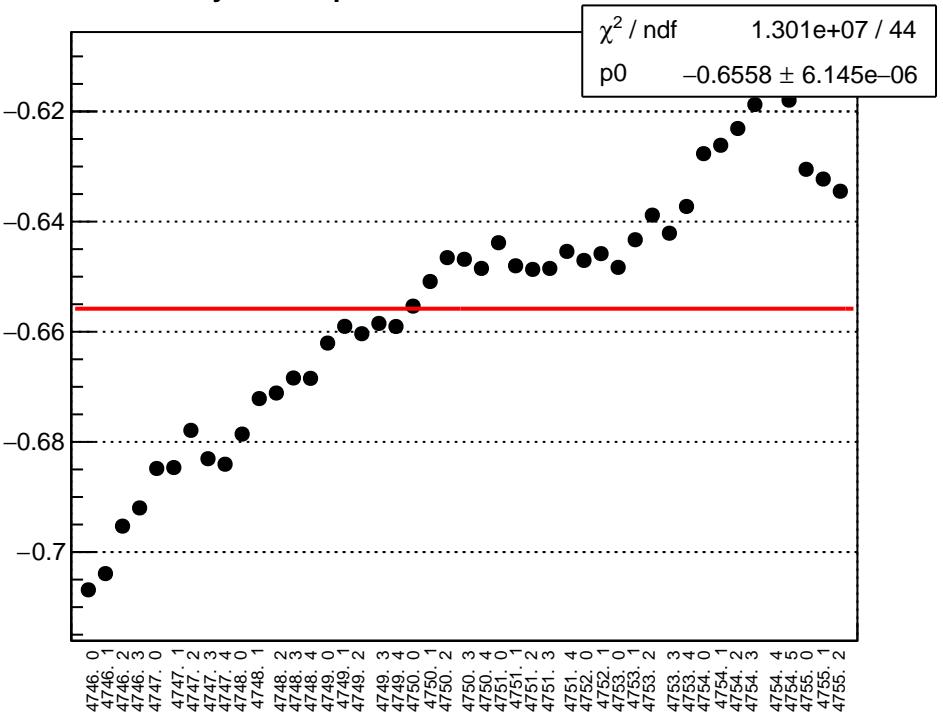
yield_bpm0l06X_mean vs run



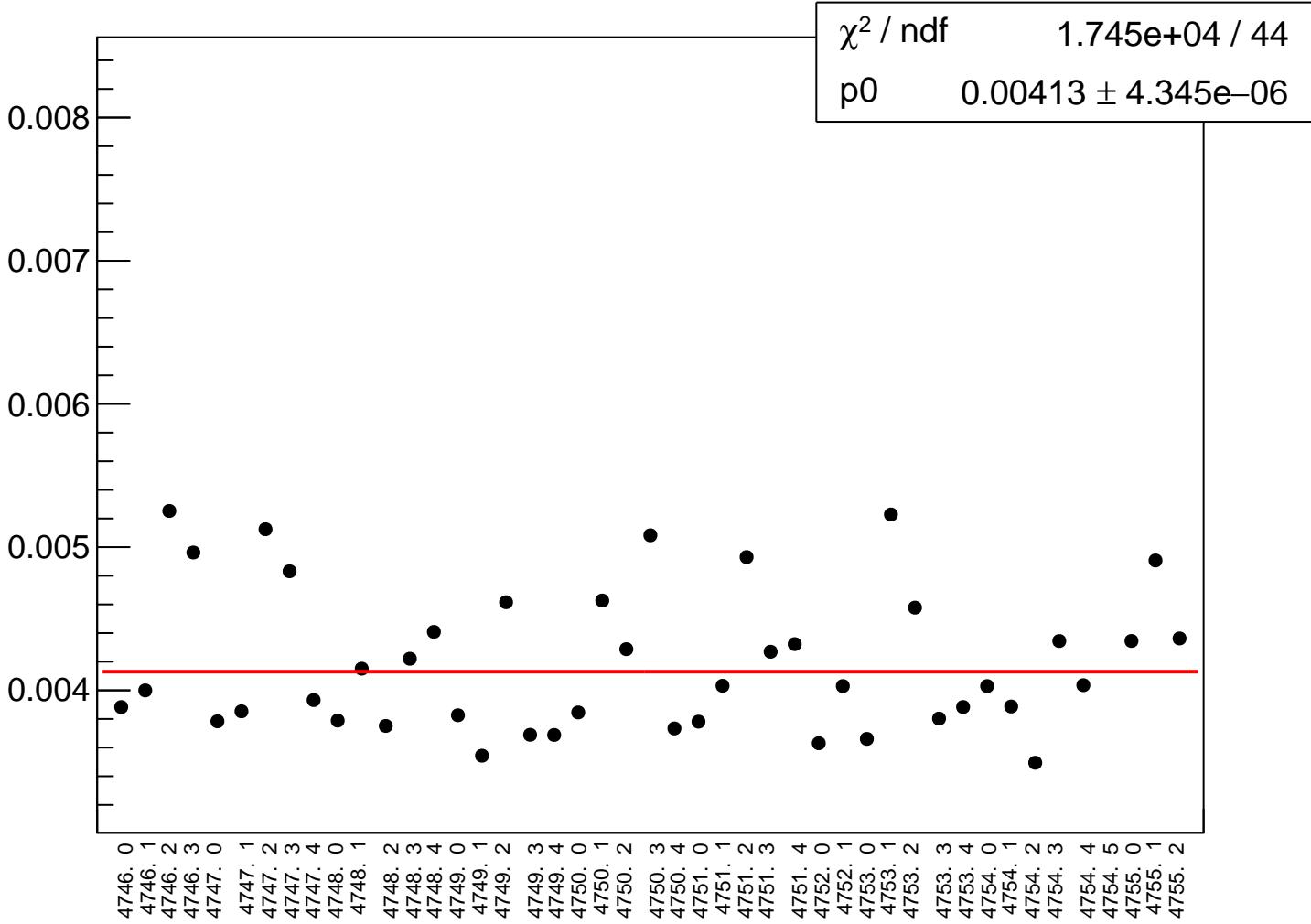
yield_bpm0l06X_rms vs run



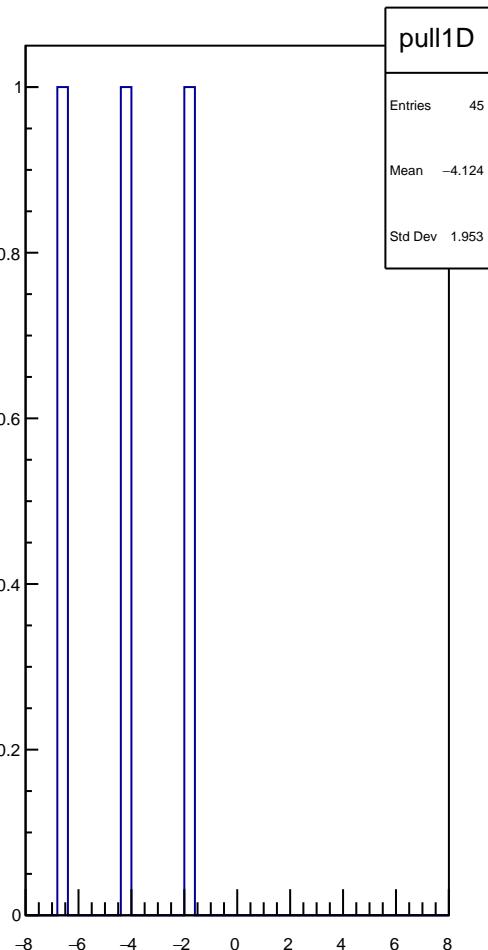
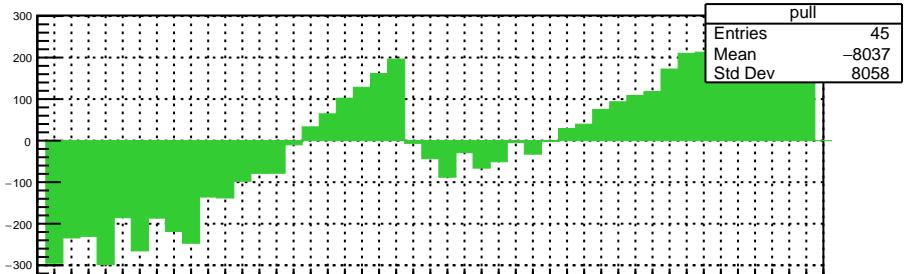
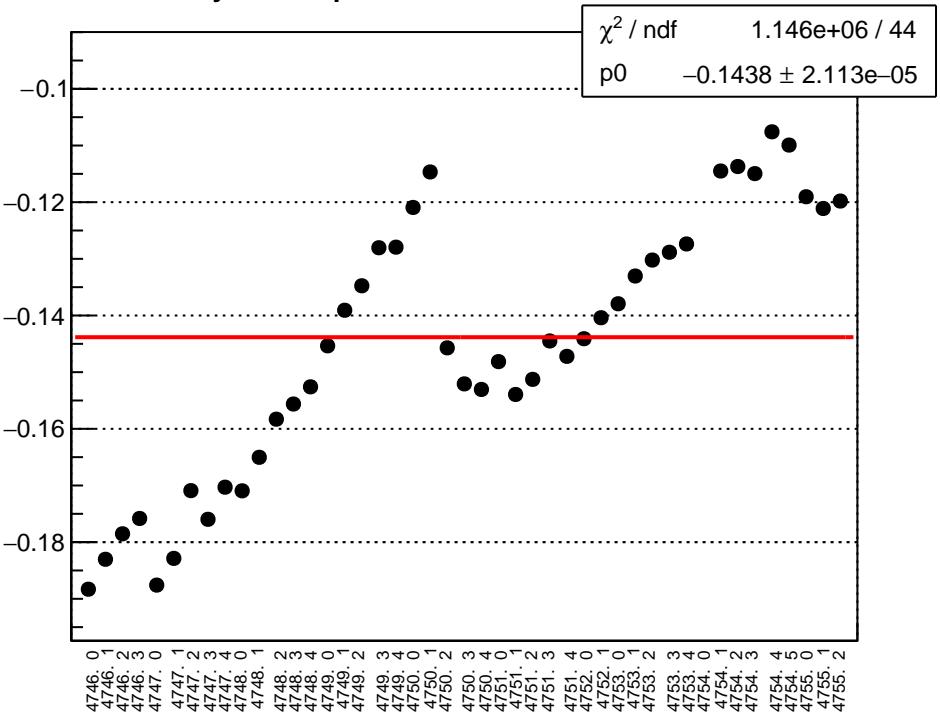
yield_bpm0I06Y_mean vs run



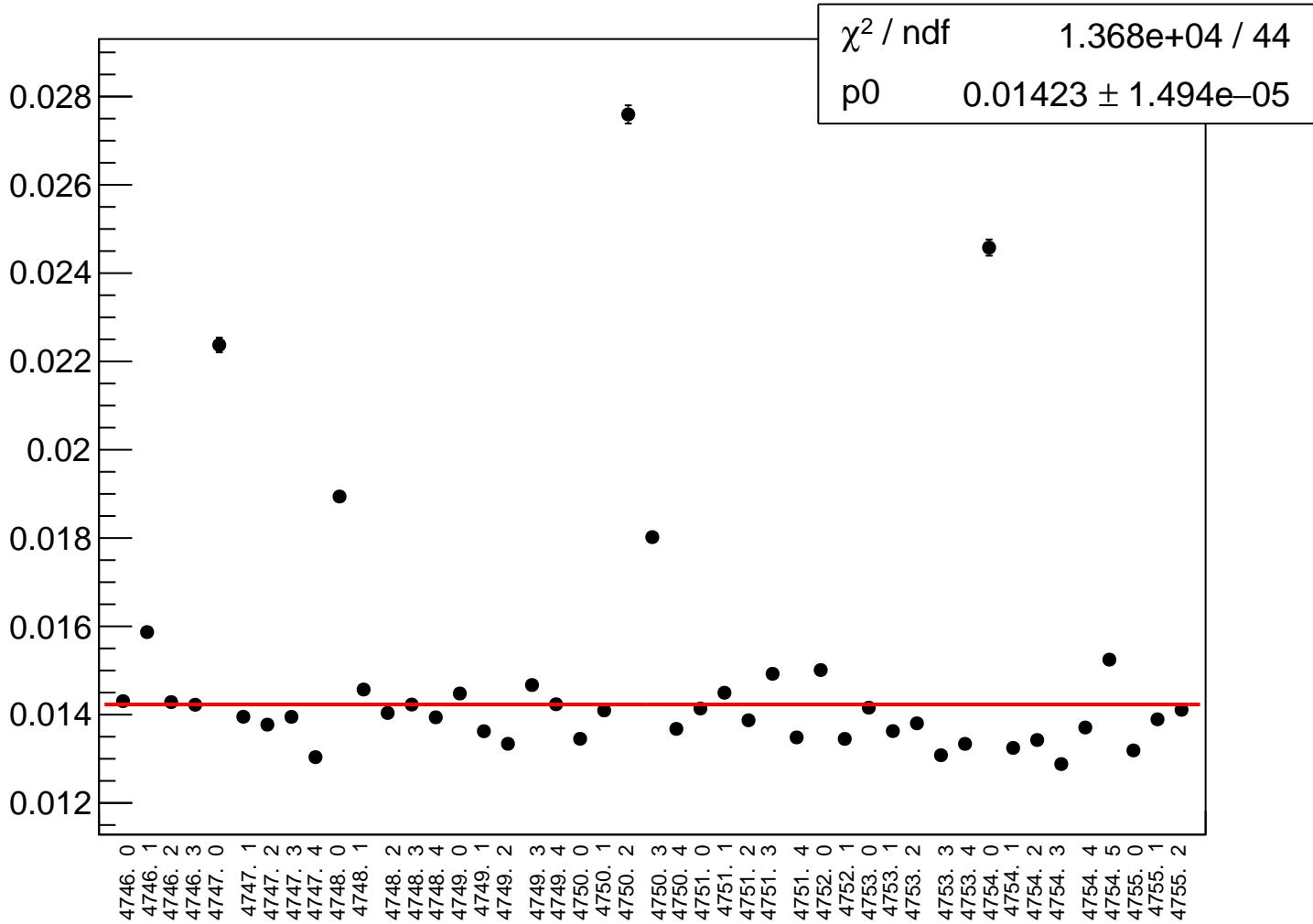
yield_bpm0l06Y_rms vs run



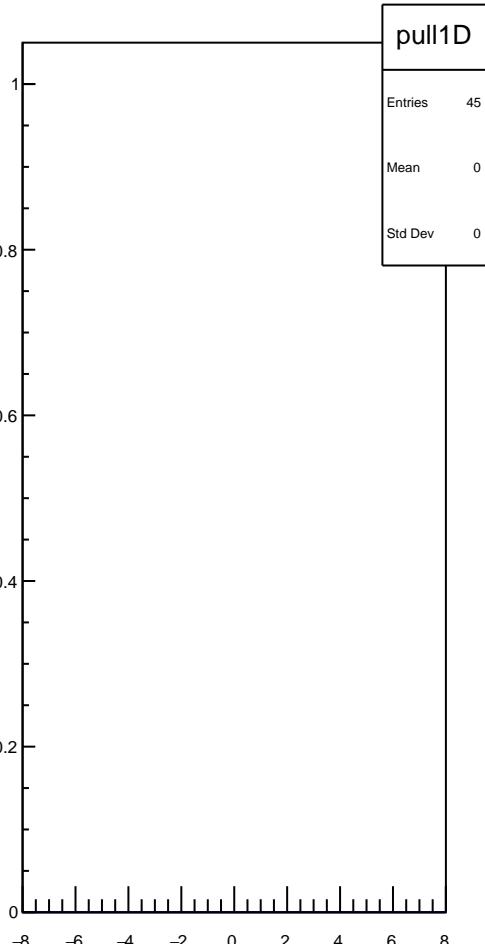
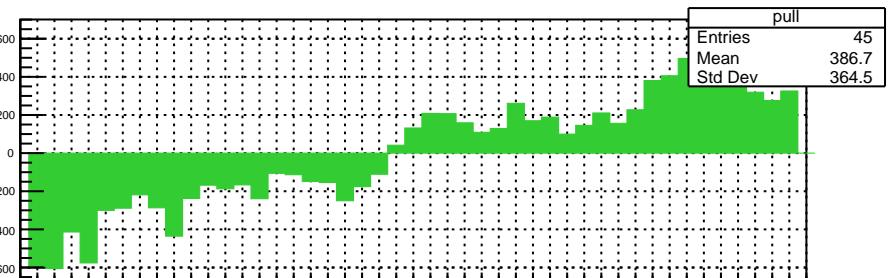
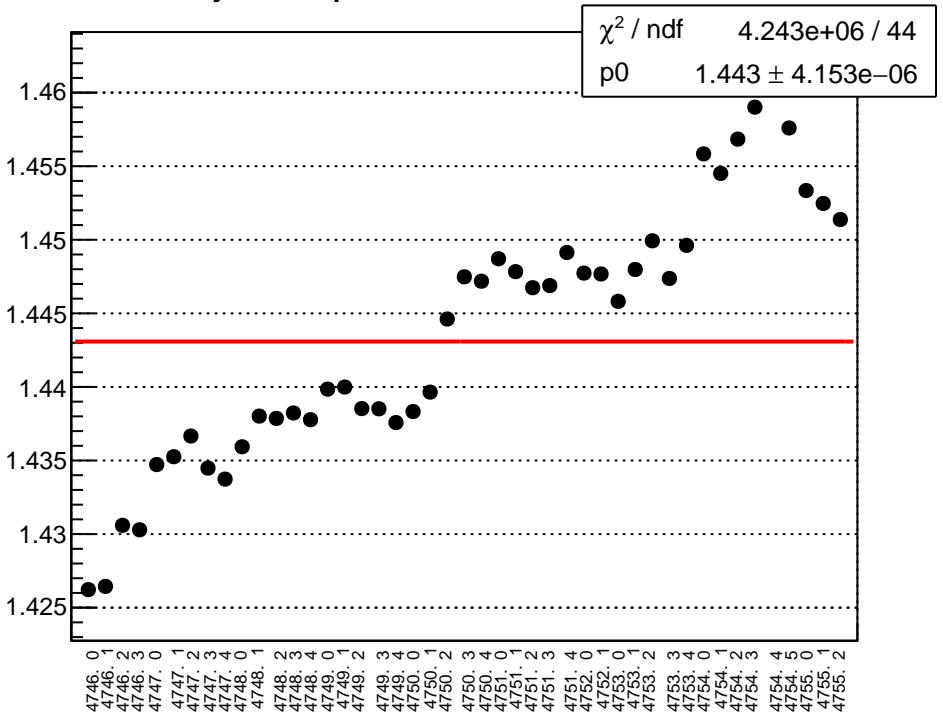
yield_bpm0I07X_mean vs run



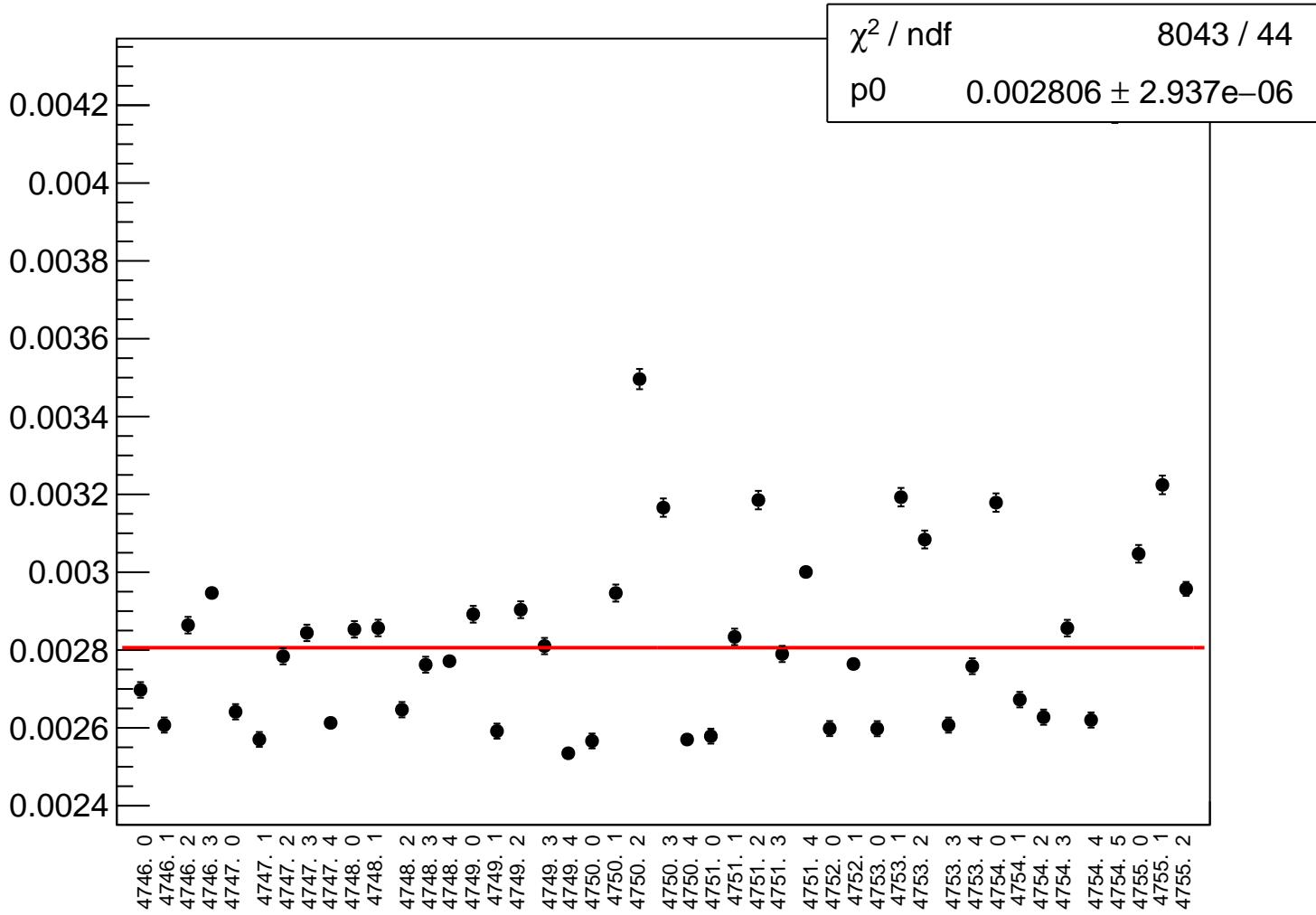
yield_bpm0l07X_rms vs run



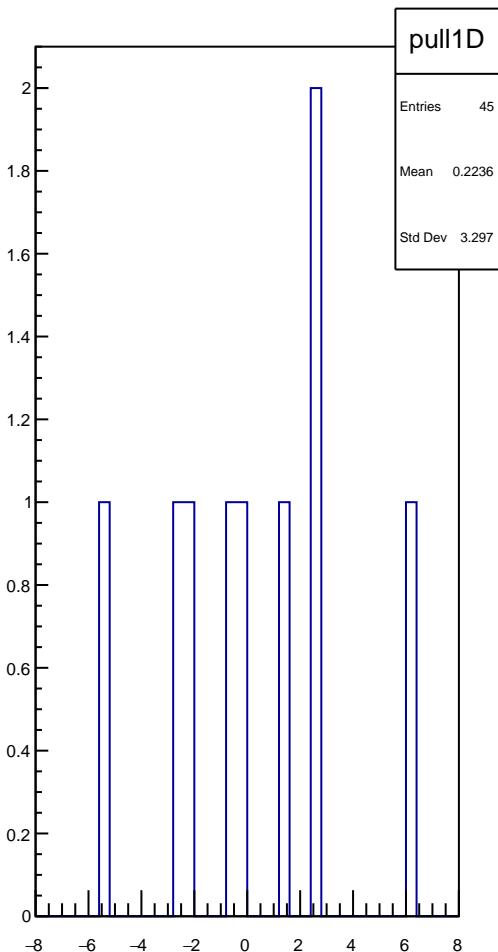
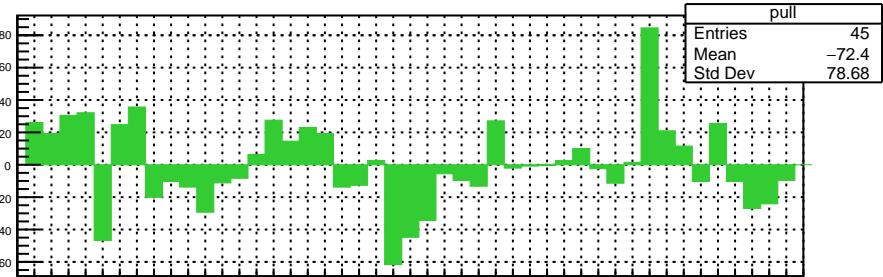
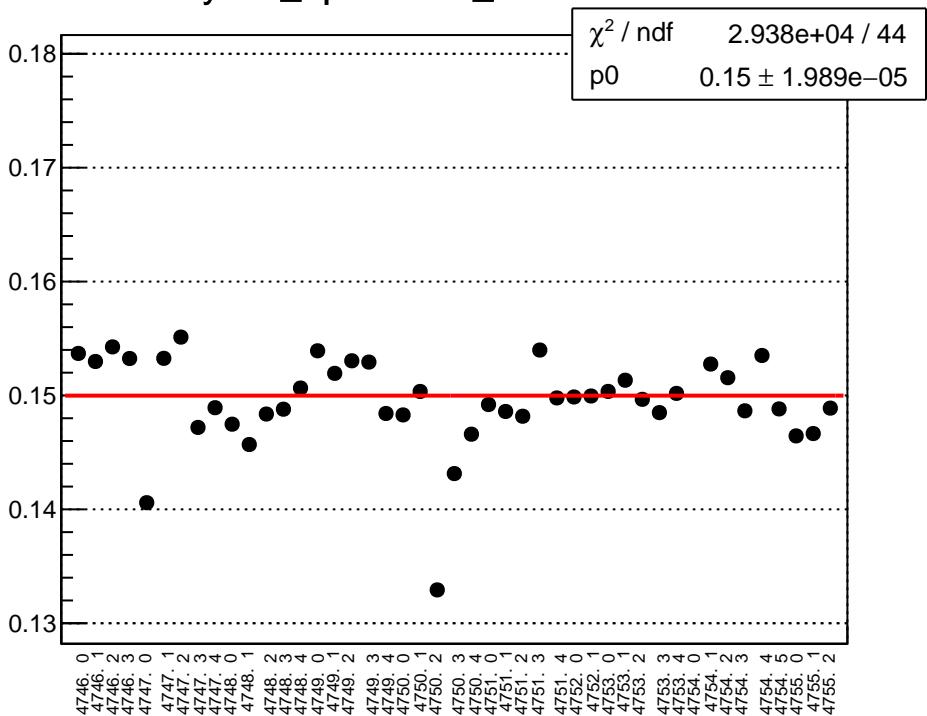
yield_bpm0I07Y_mean vs run



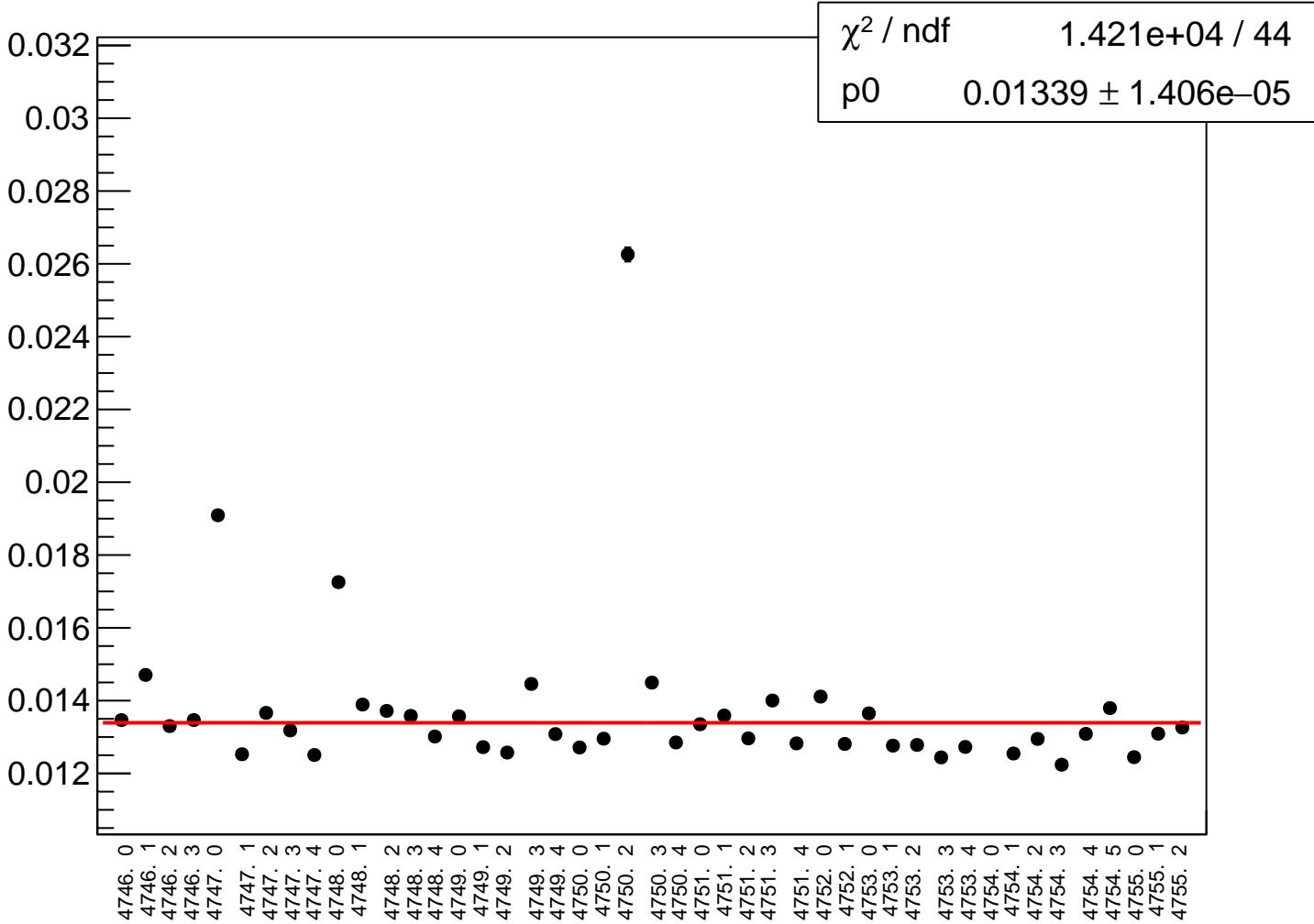
yield_bpm0l07Y_rms vs run



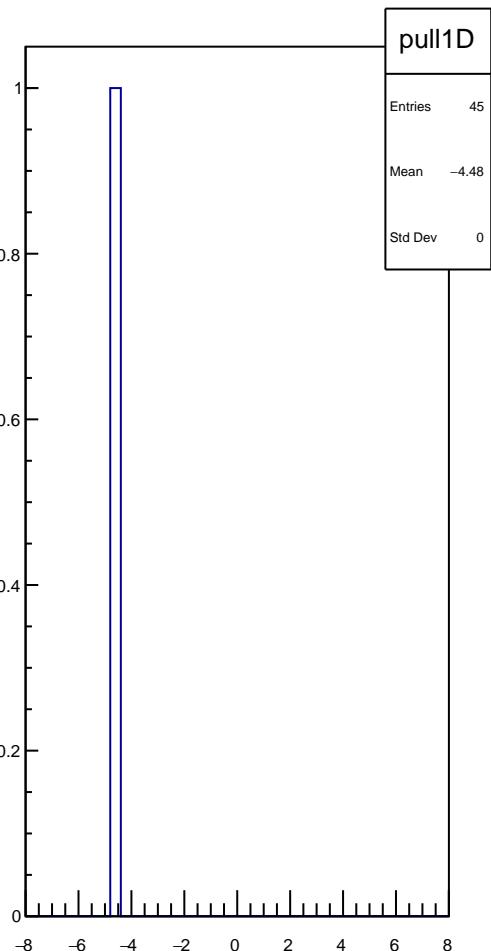
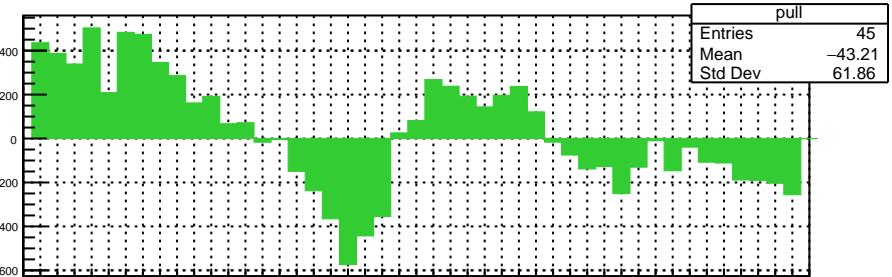
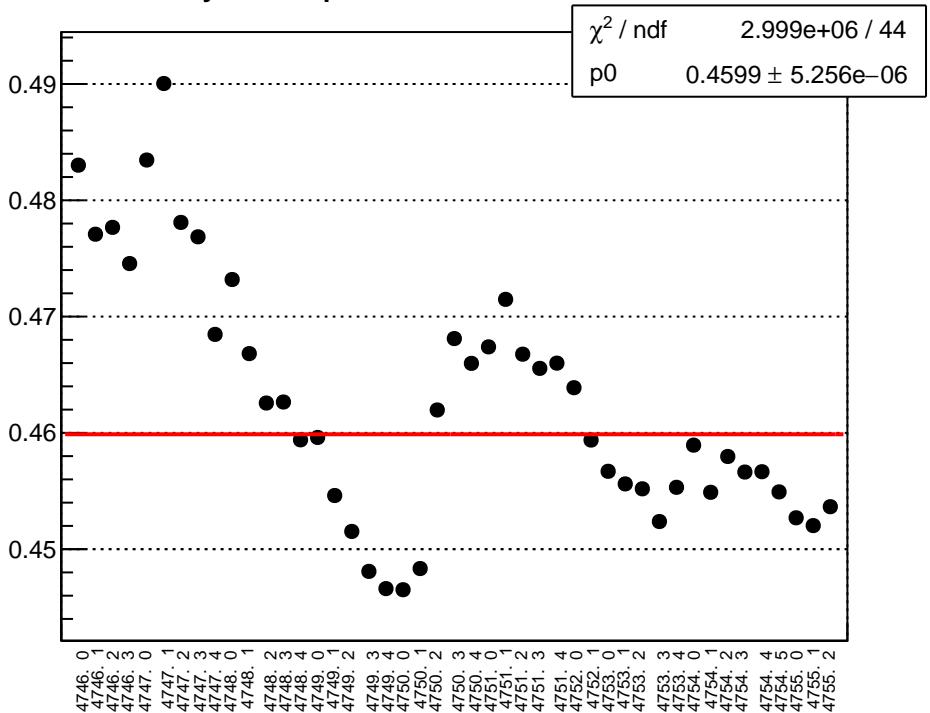
yield_bpm0l08X_mean vs run



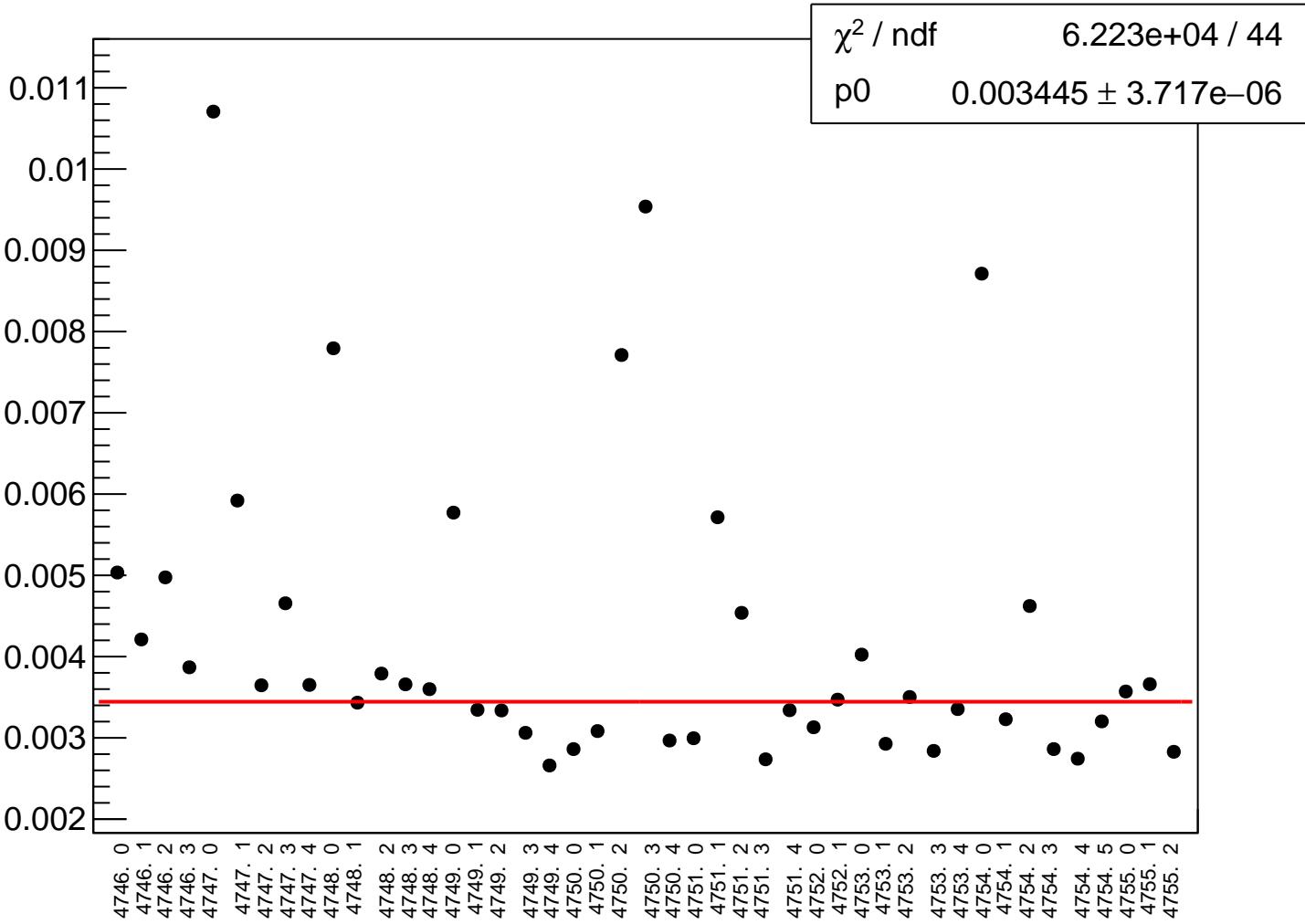
yield_bpm0l08X_rms vs run



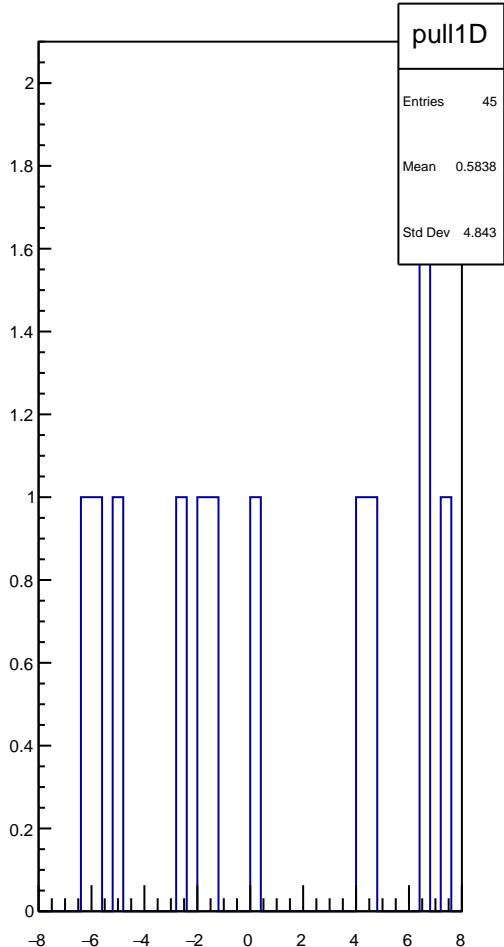
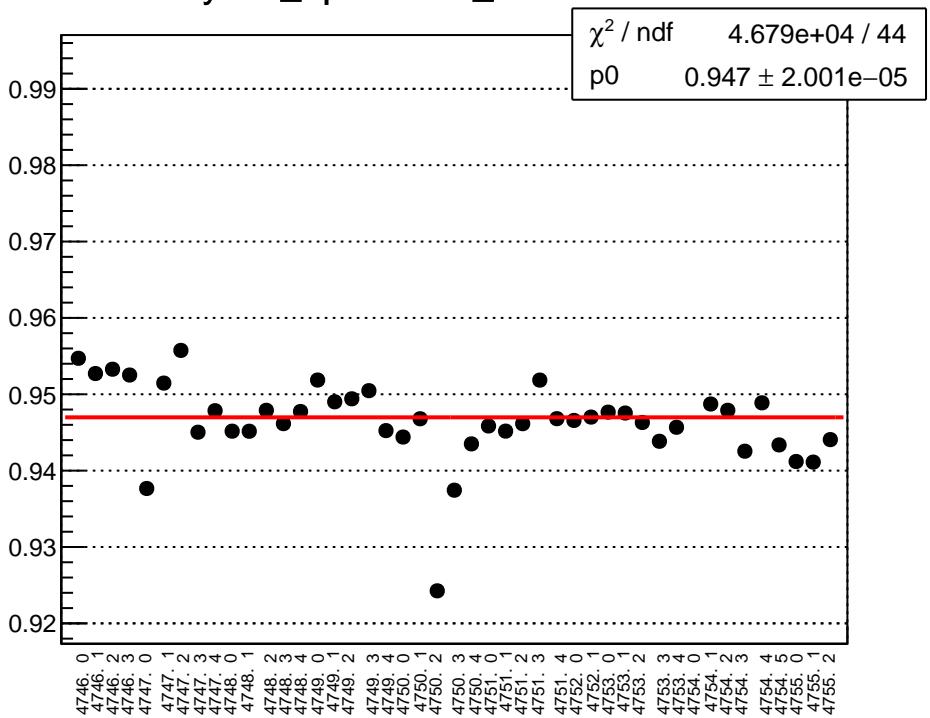
yield_bpm0I08Y_mean vs run



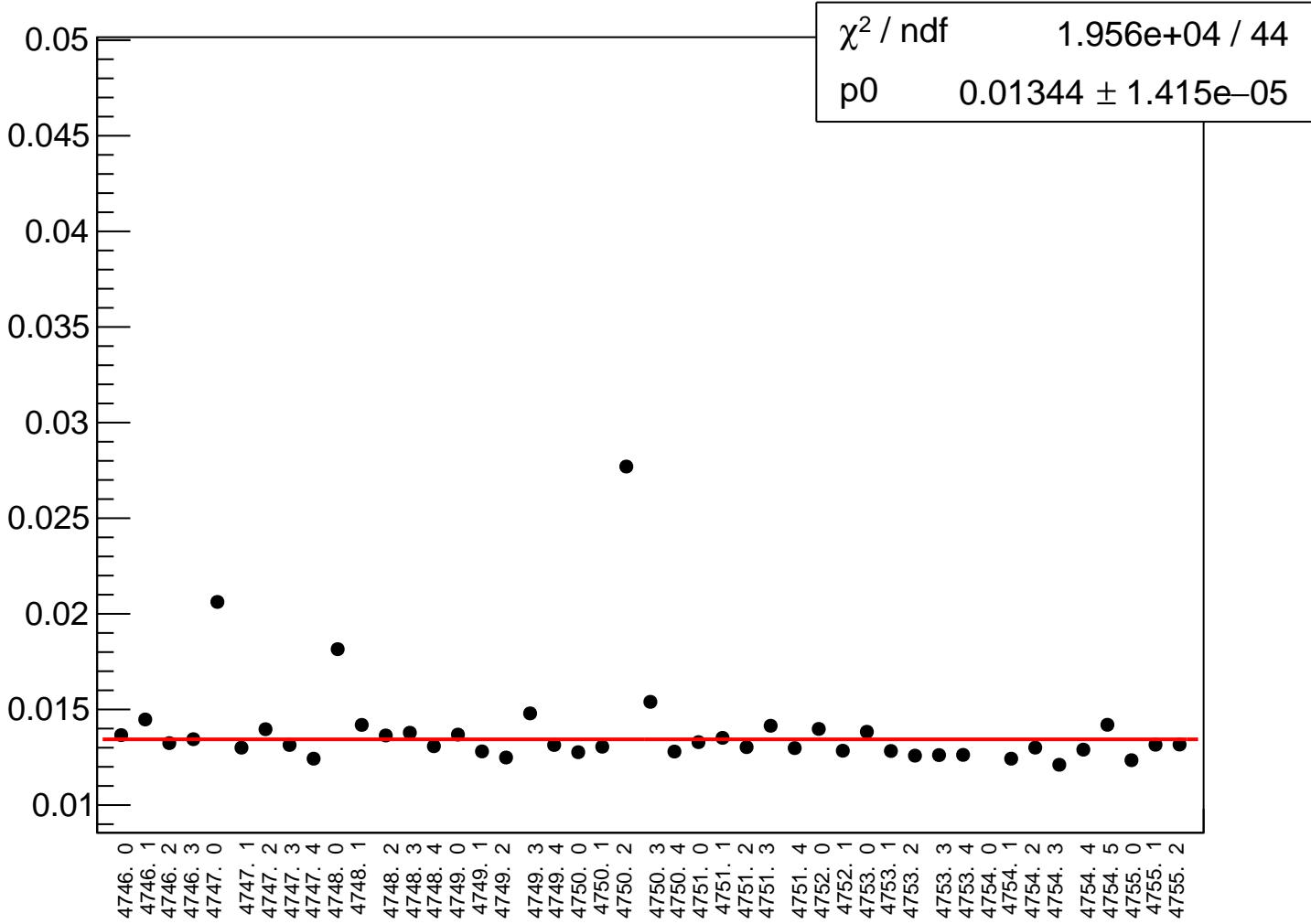
yield_bpm0l08Y_rms vs run



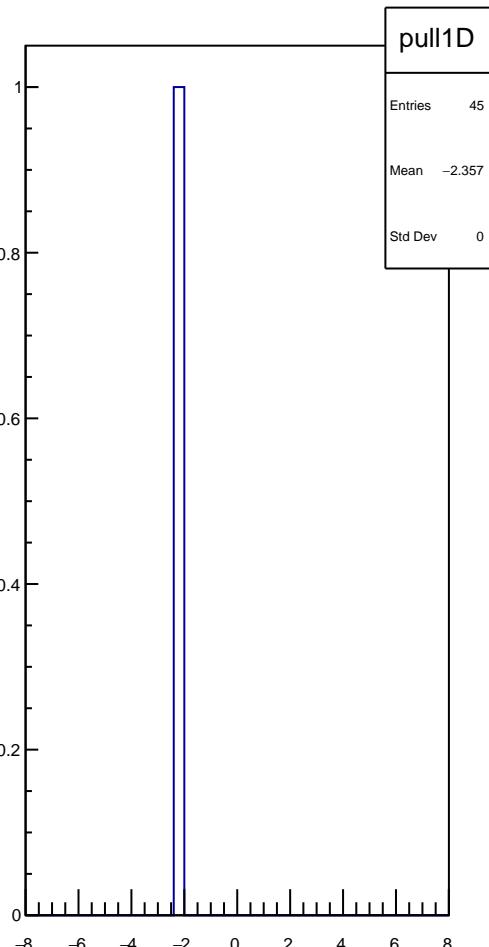
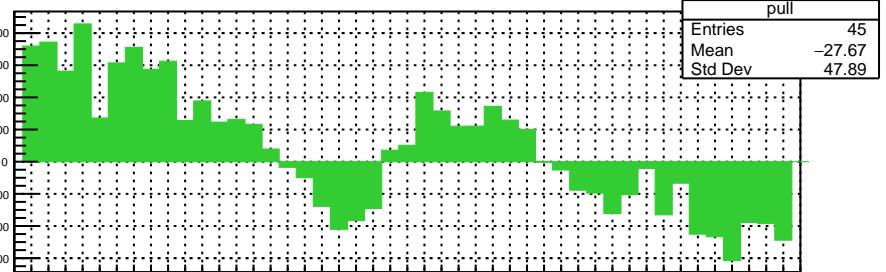
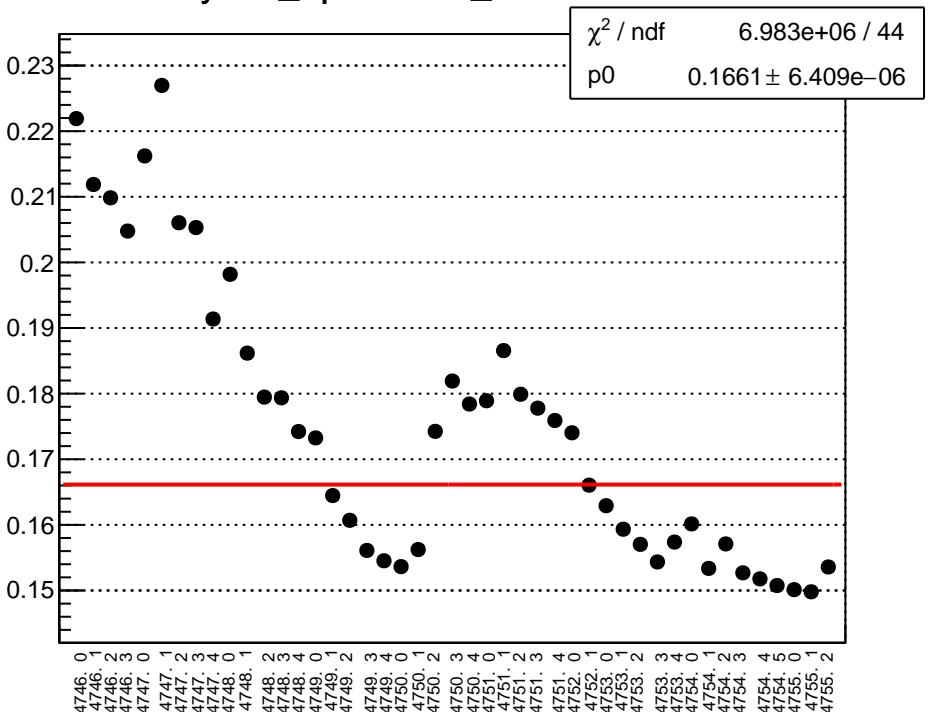
yield_bpm0l09X_mean vs run



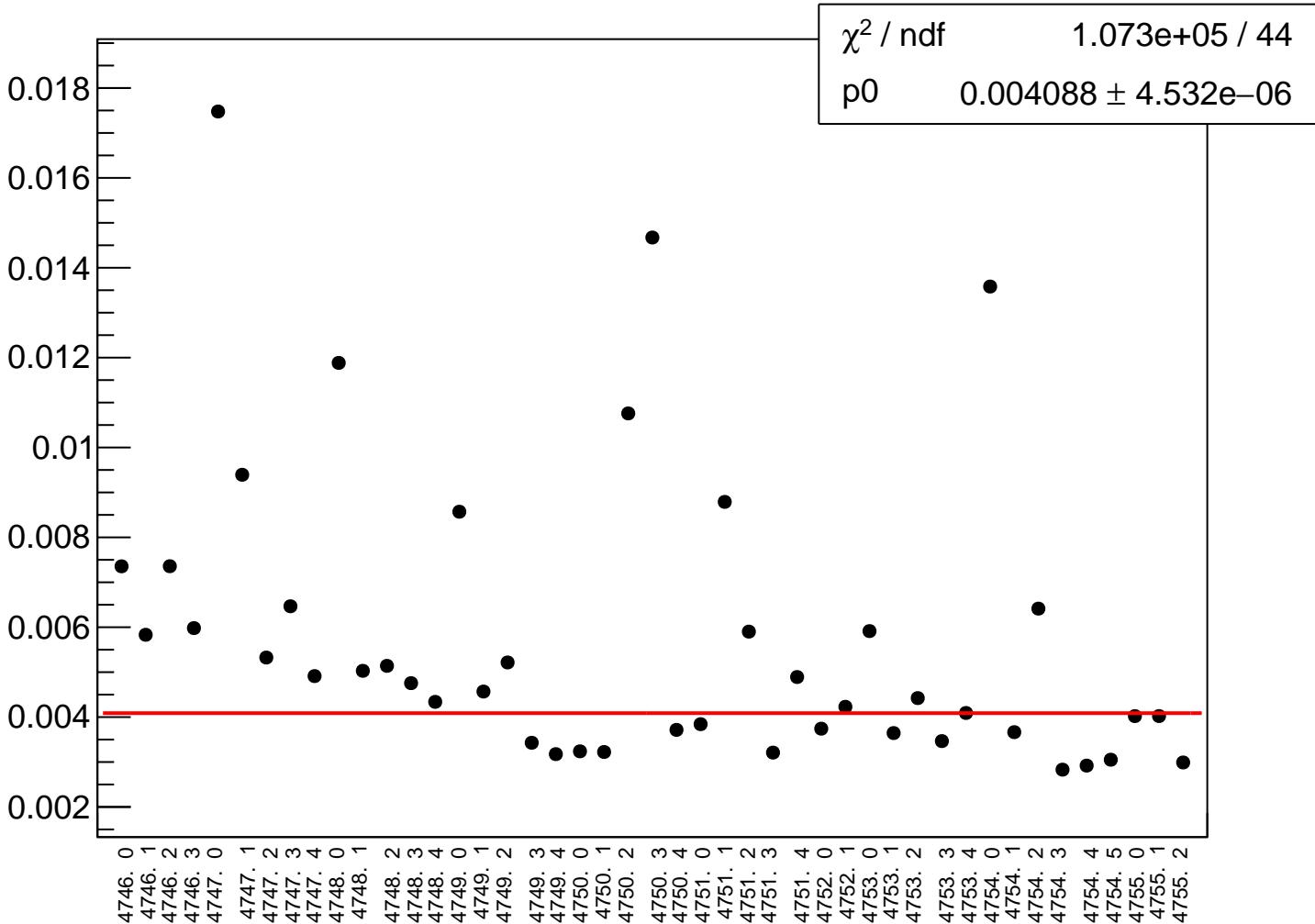
yield_bpm0l09X_rms vs run



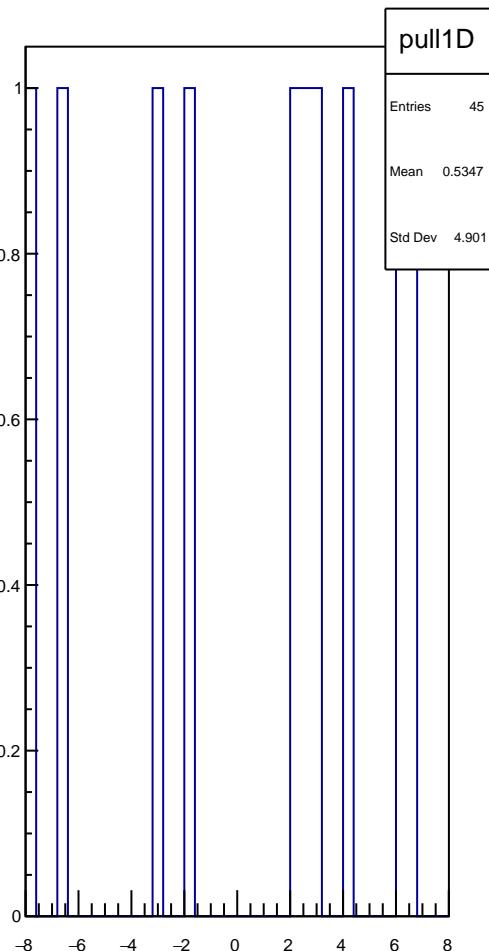
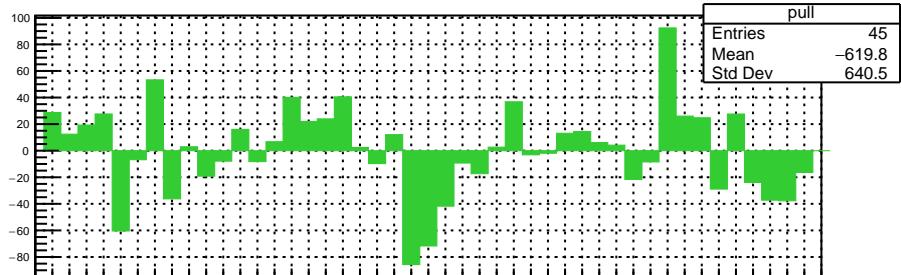
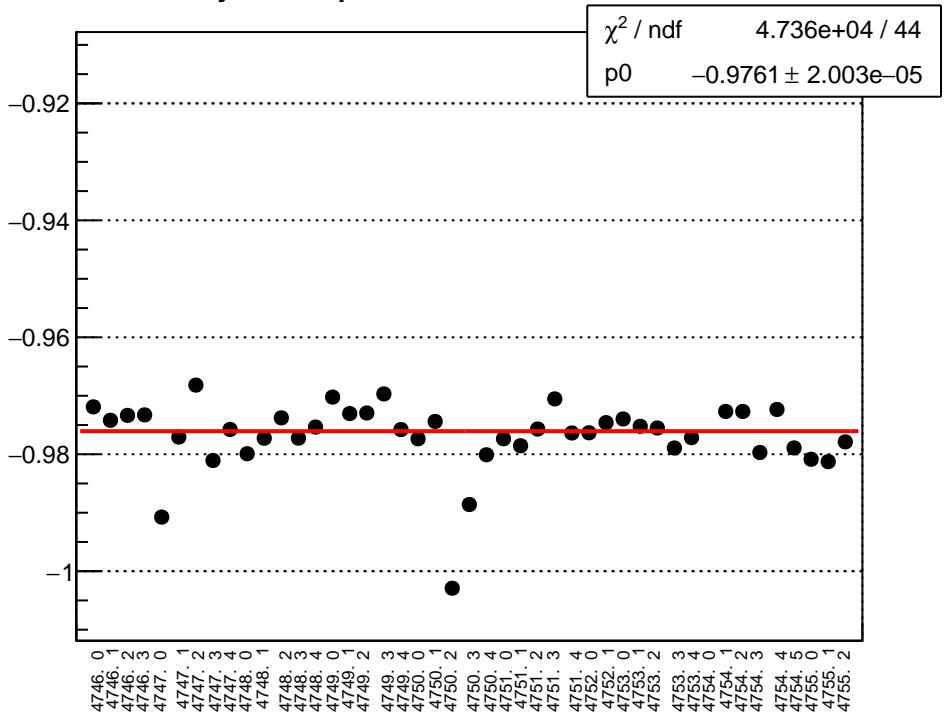
yield_bpm0I09Y_mean vs run



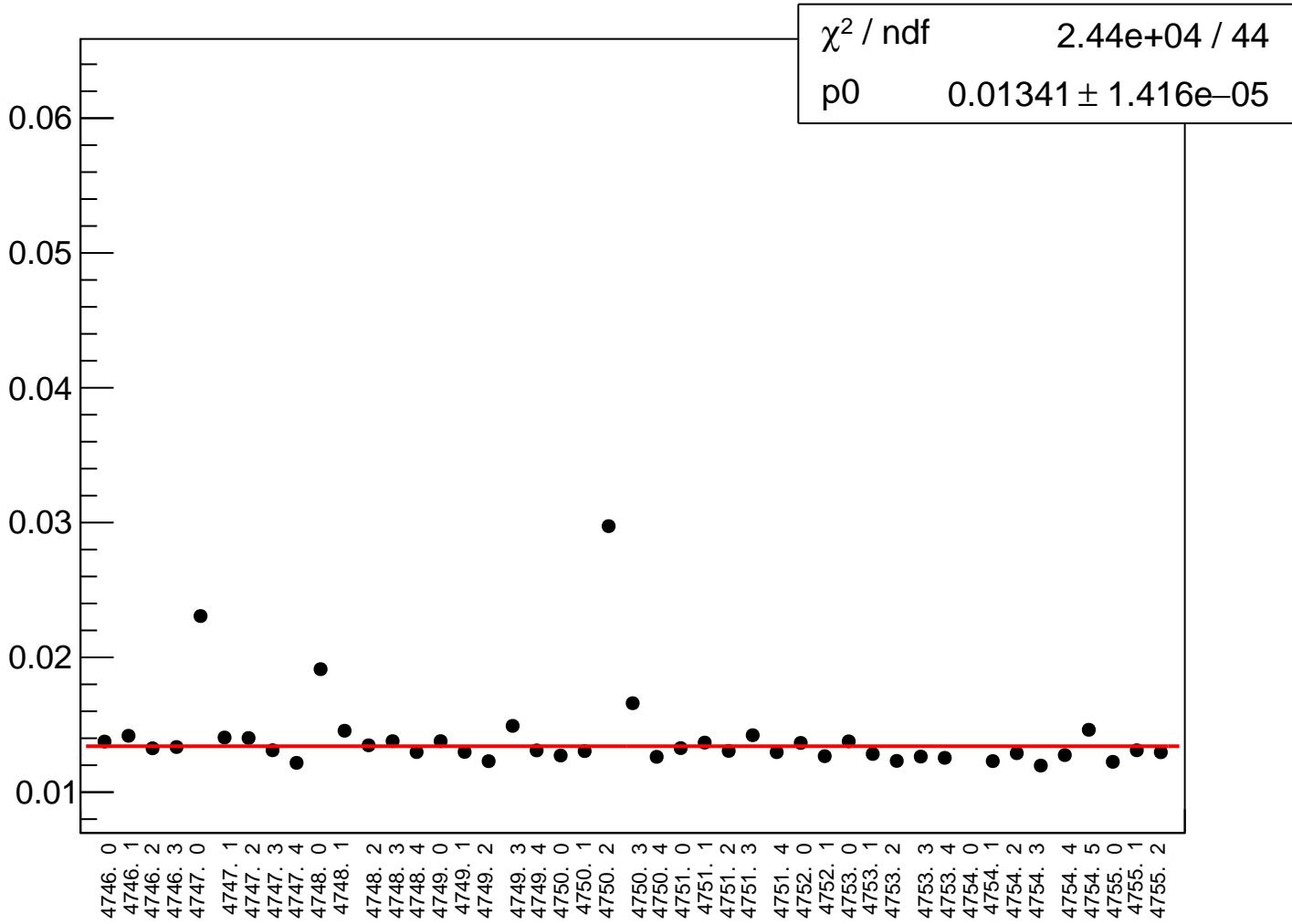
yield_bpm0l09Y_rms vs run



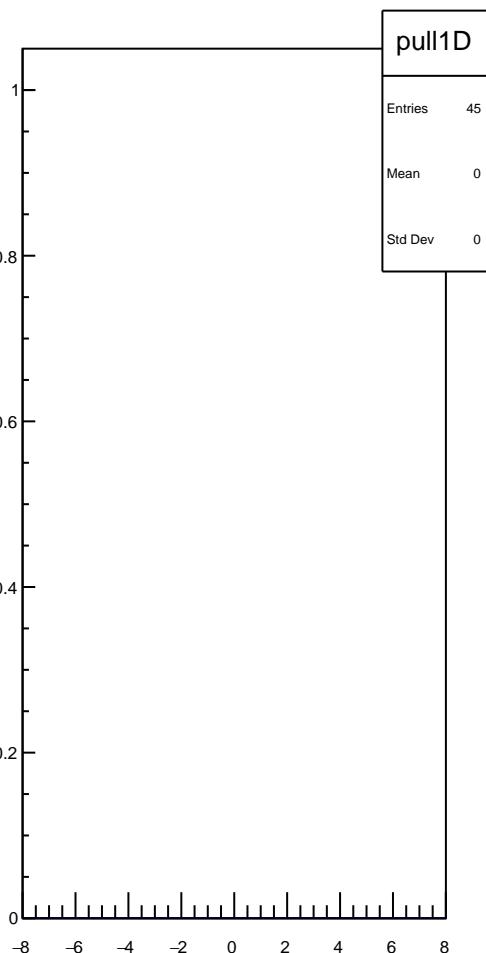
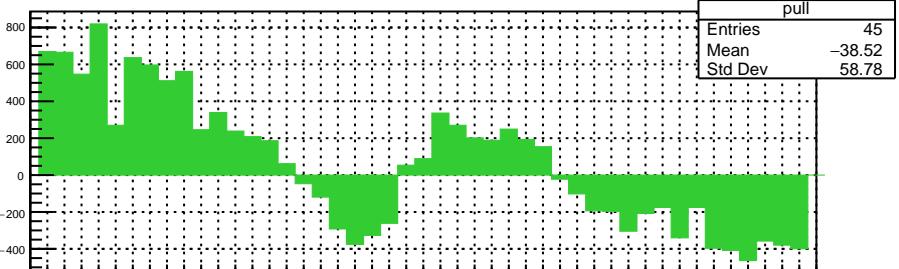
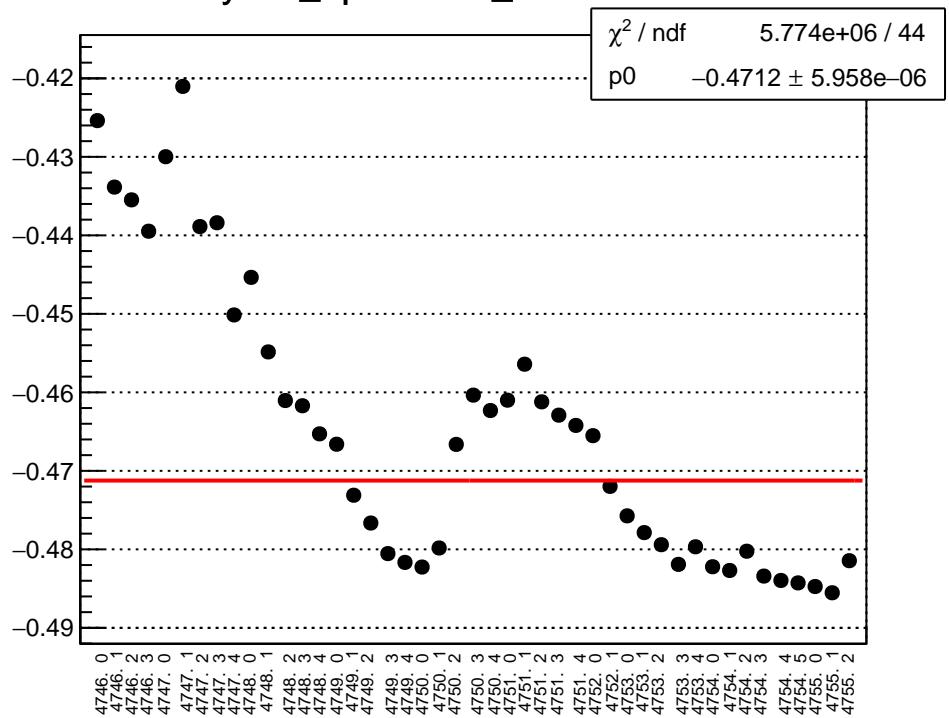
yield_bpm0l10X_mean vs run



yield_bpm0l10X_rms vs run



yield_bpm0I10Y_mean vs run



yield_bpm0l10Y_rms vs run

