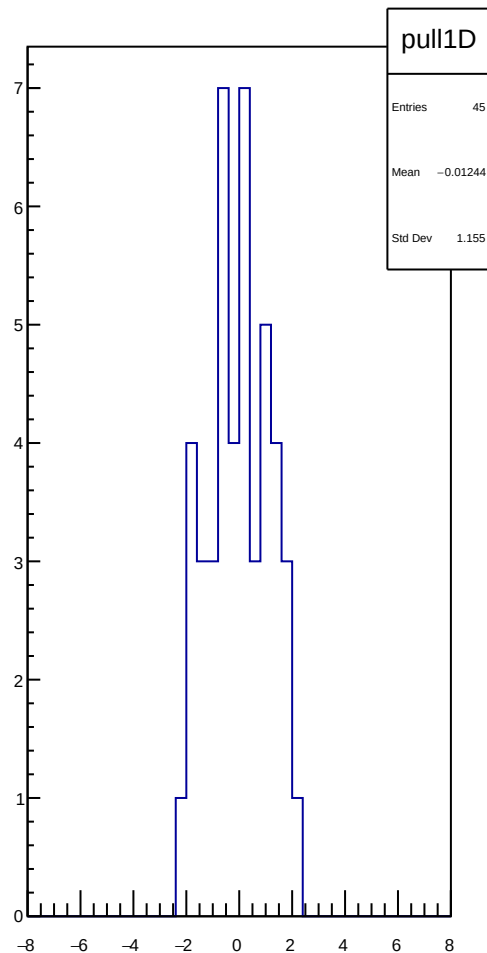
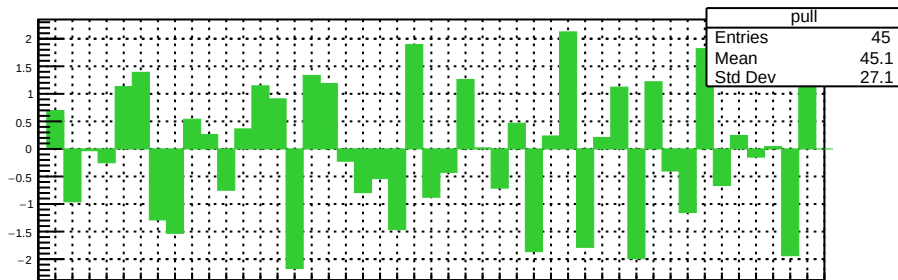
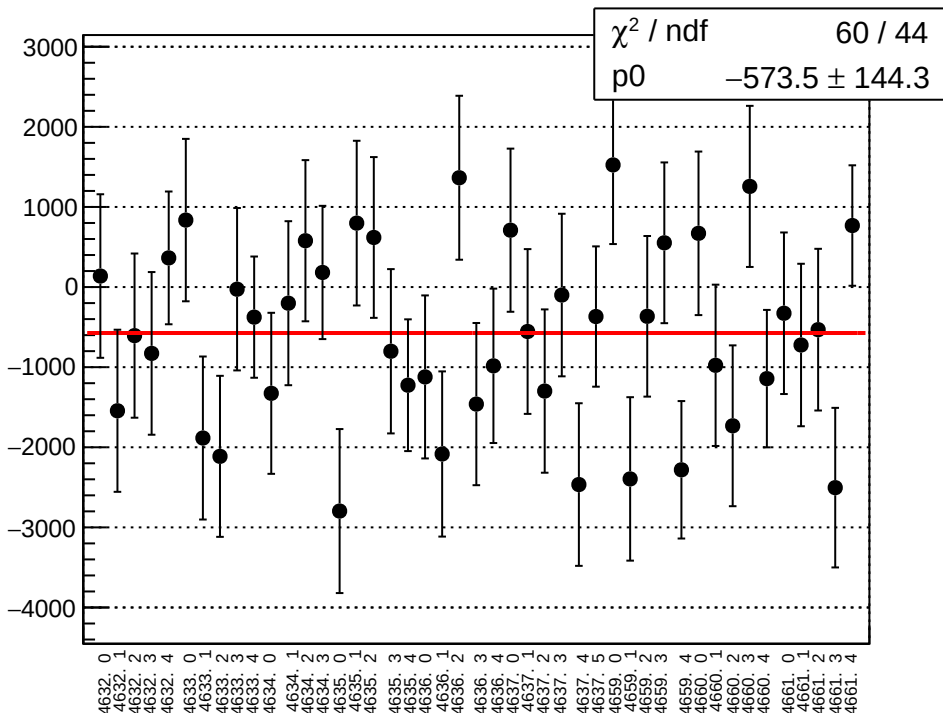
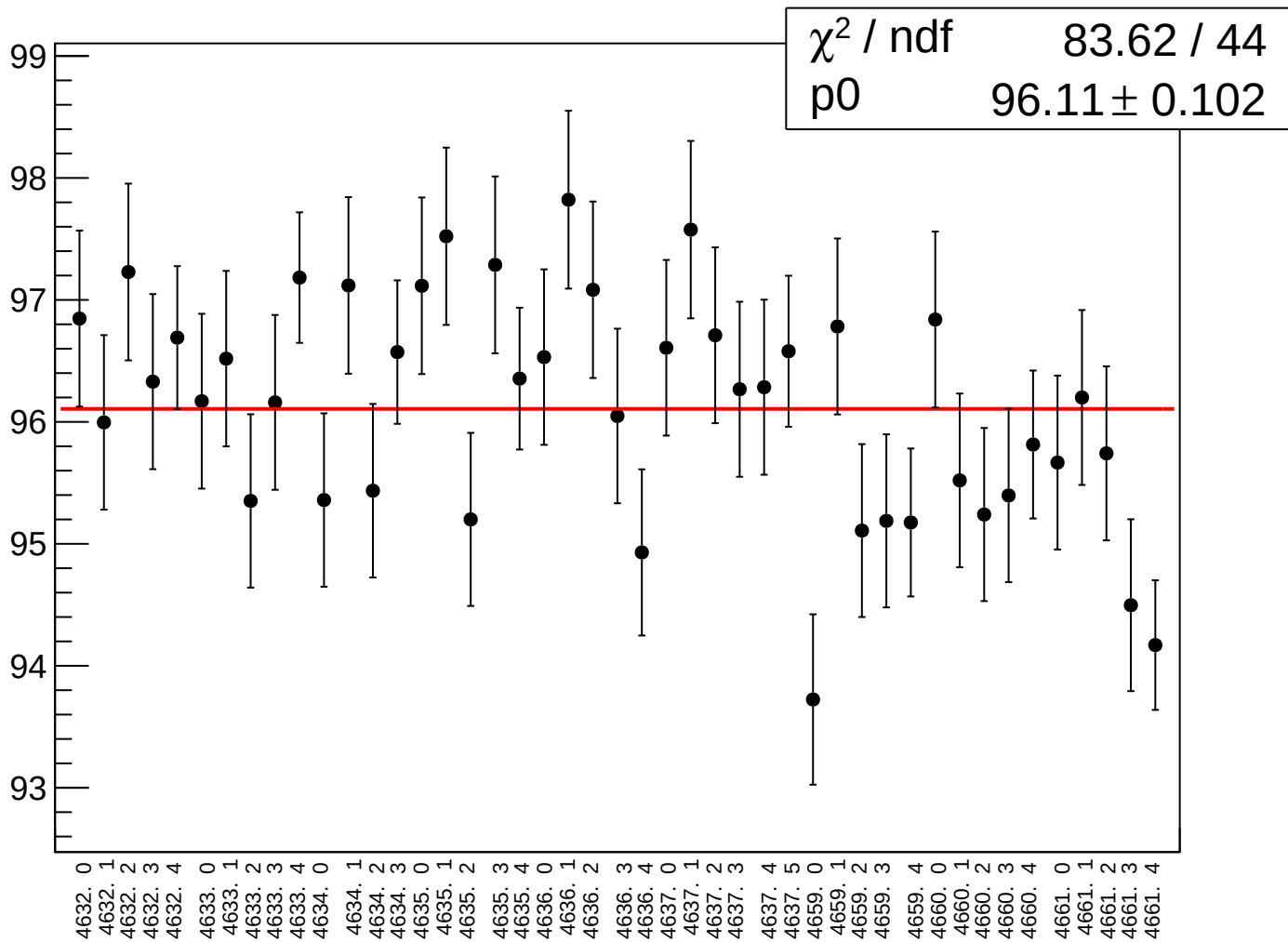


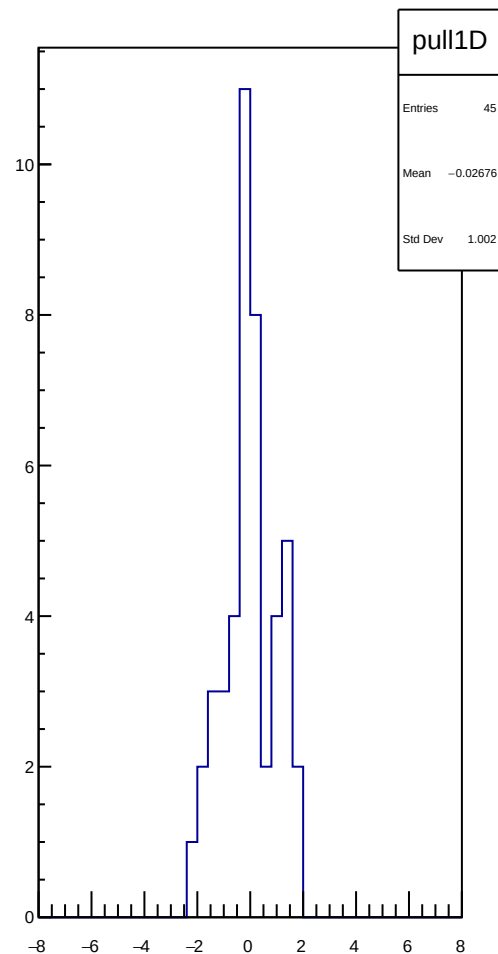
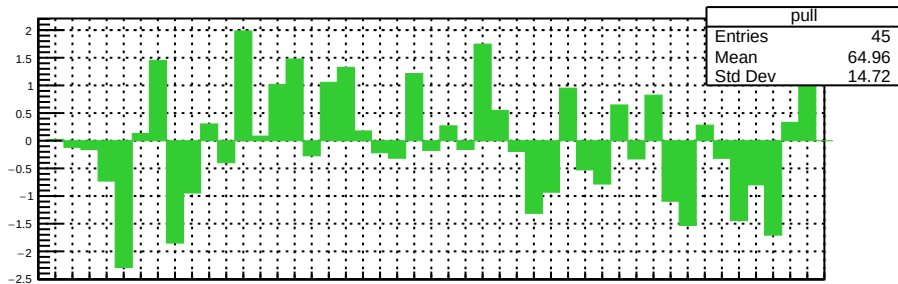
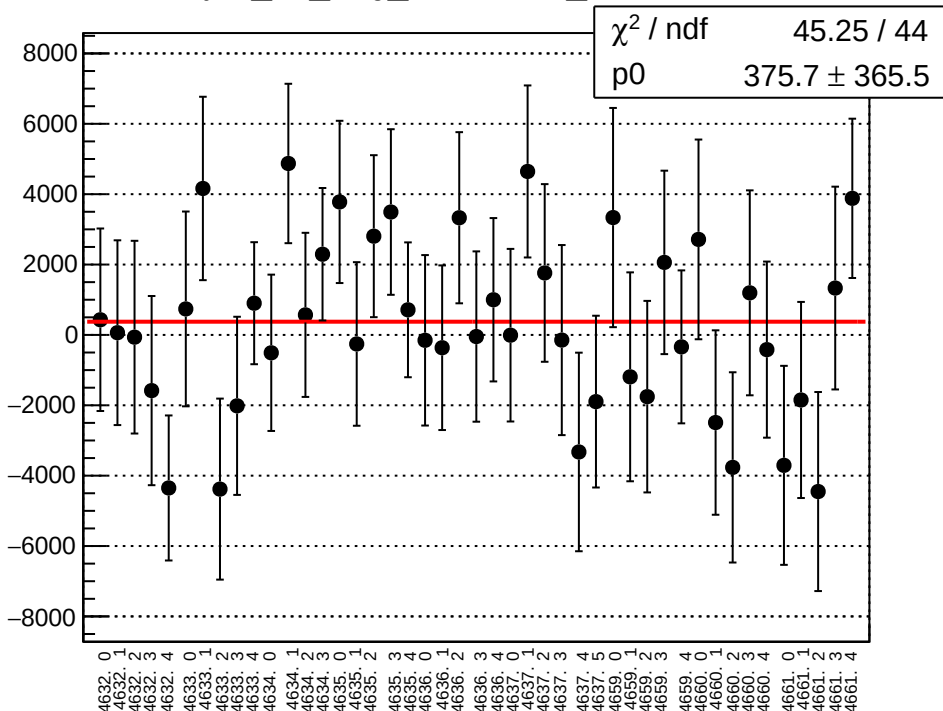
reg_asym_us_avg_mean vs run



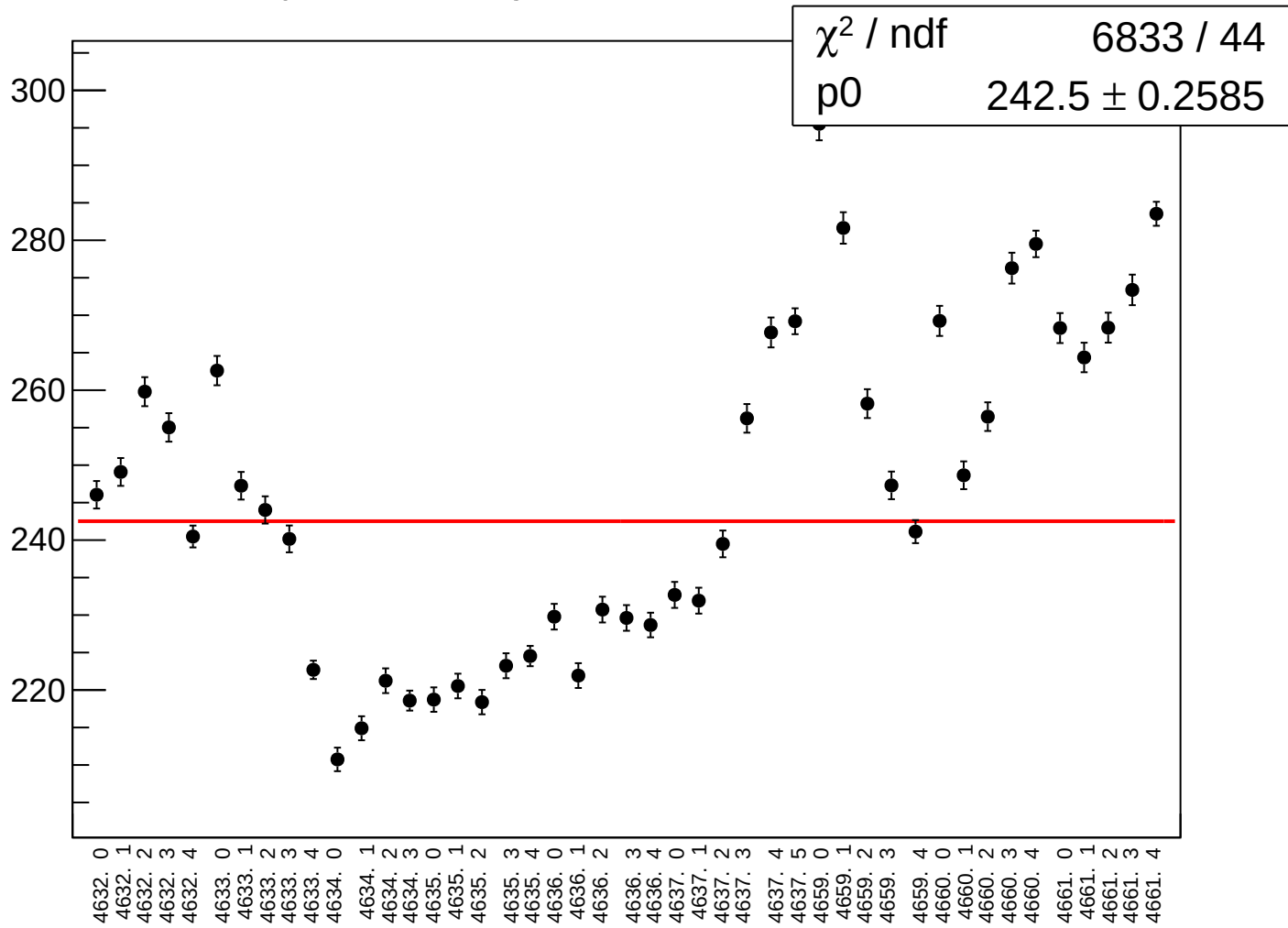
reg_asym_us_avg_rms vs run



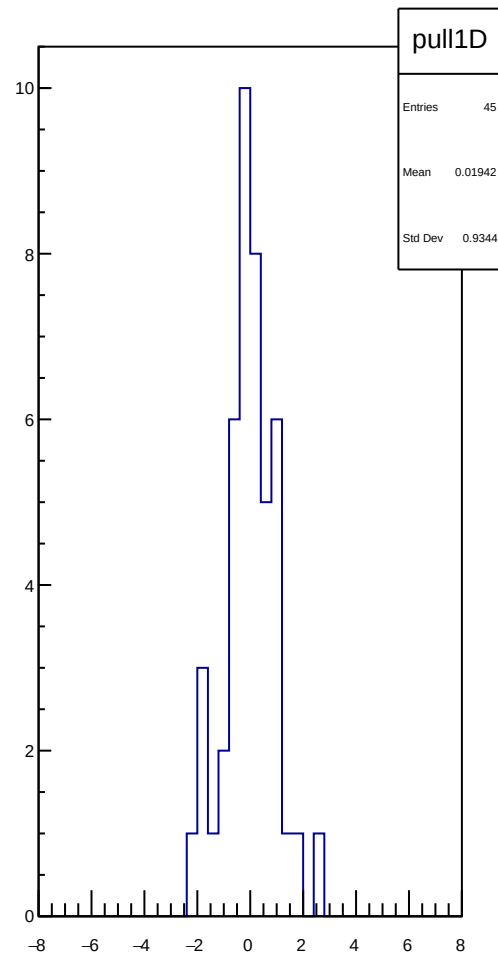
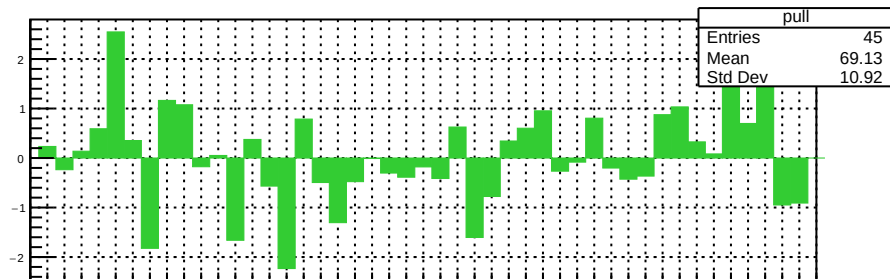
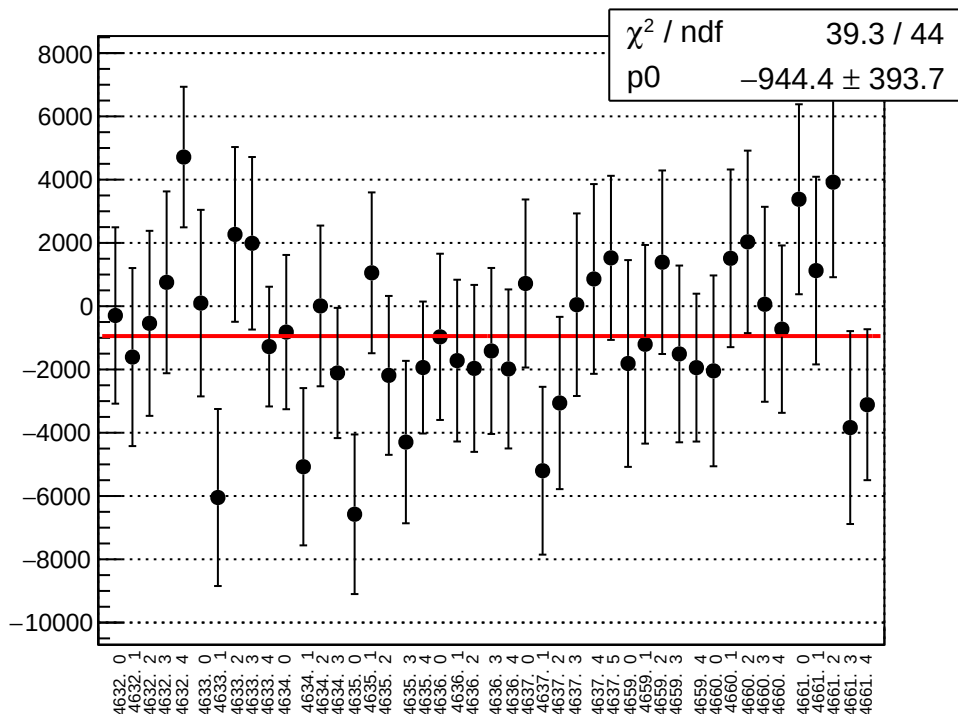
asym_us_avg_correction_mean vs run



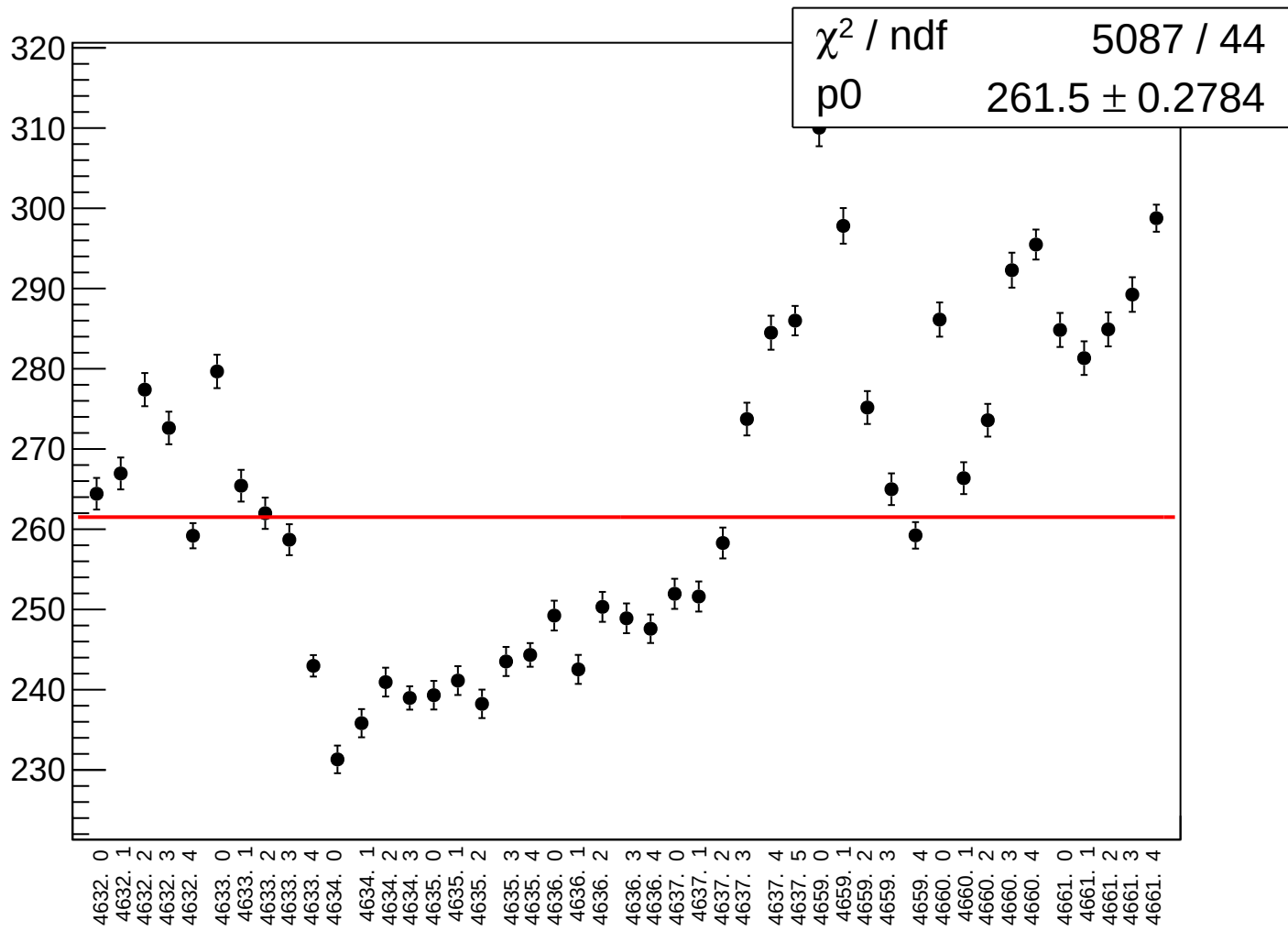
asym_us_avg_correction_rms vs run



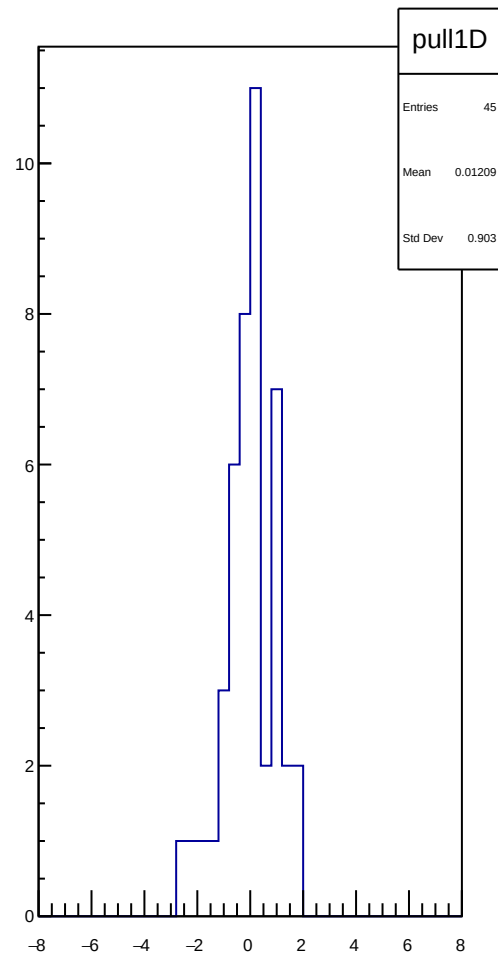
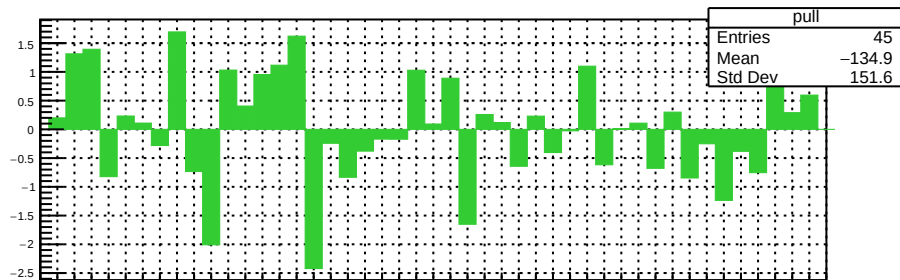
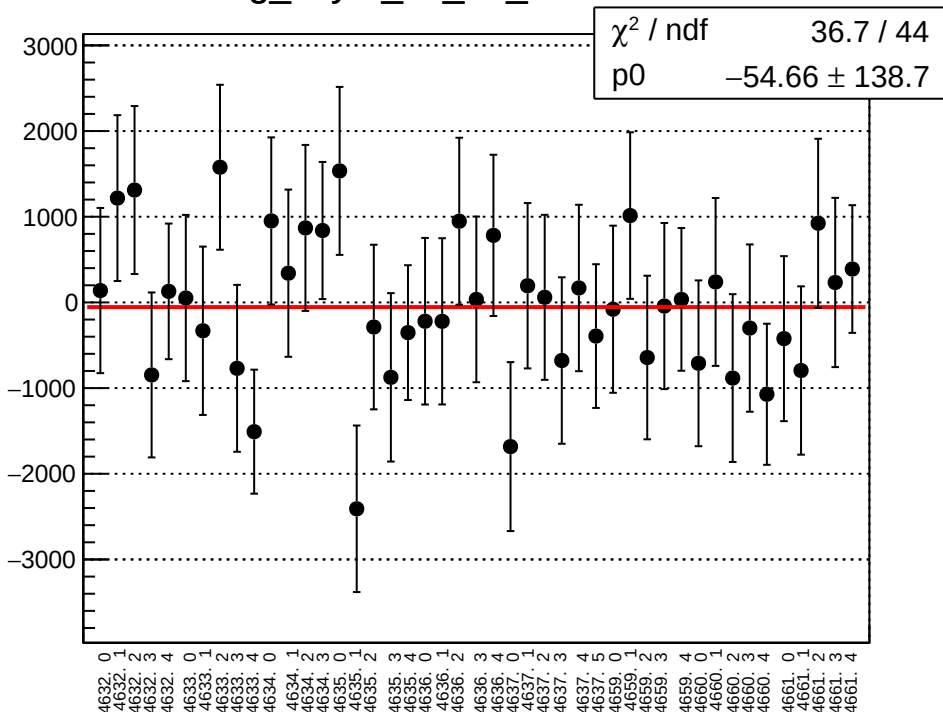
asym_us_avg_mean vs run



asym_us_avg_rms vs run



reg_asym_us_dd_mean vs run



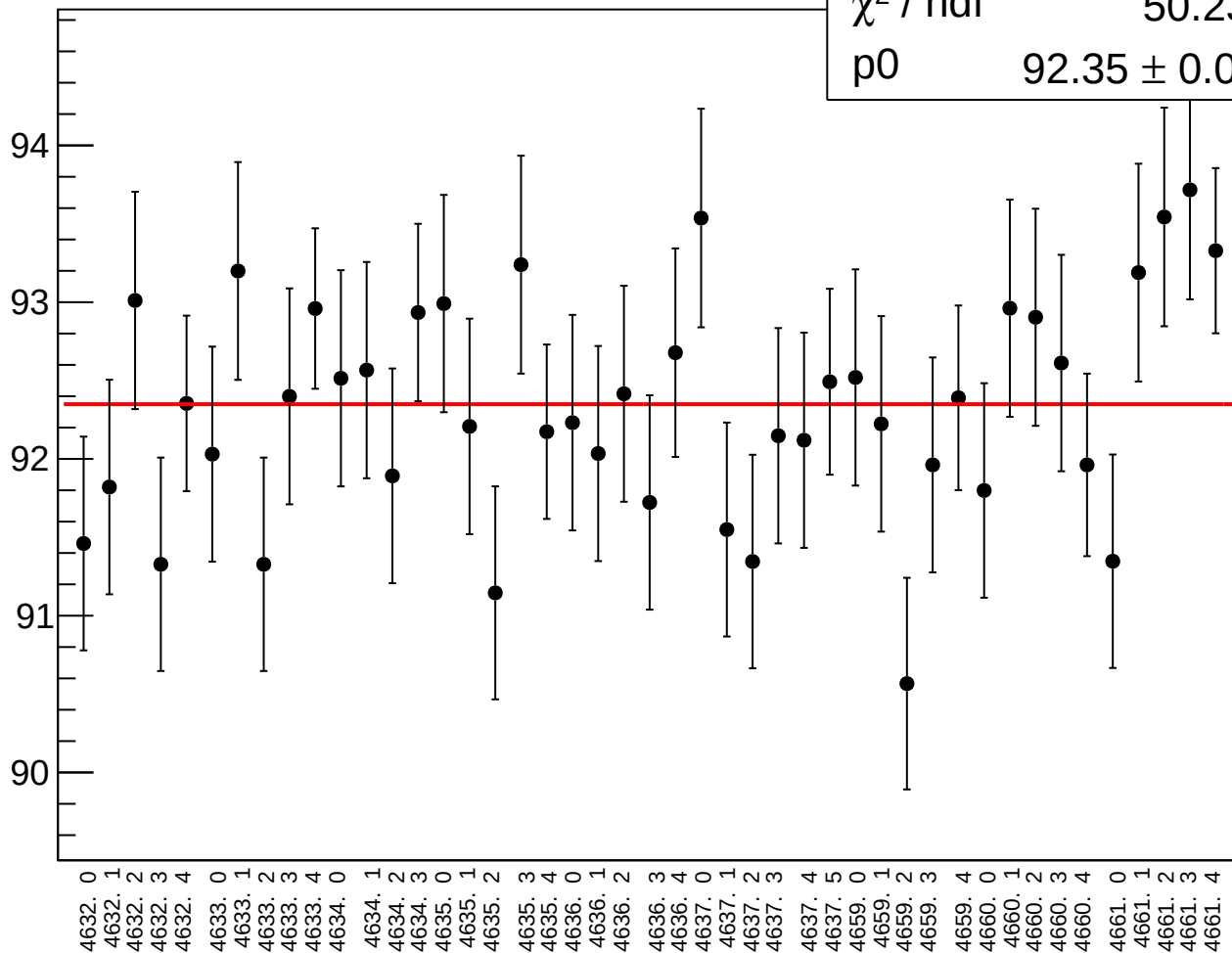
reg_asym_us_dd_rms vs run

χ^2 / ndf

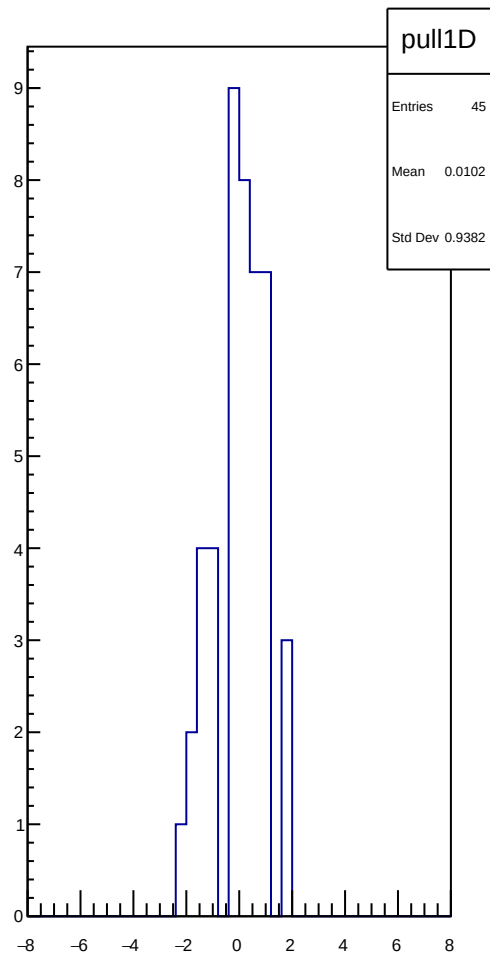
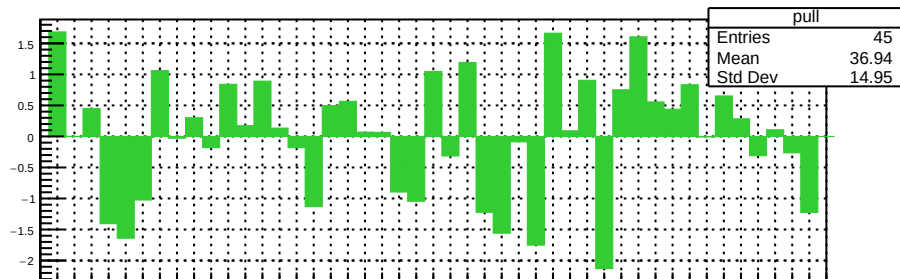
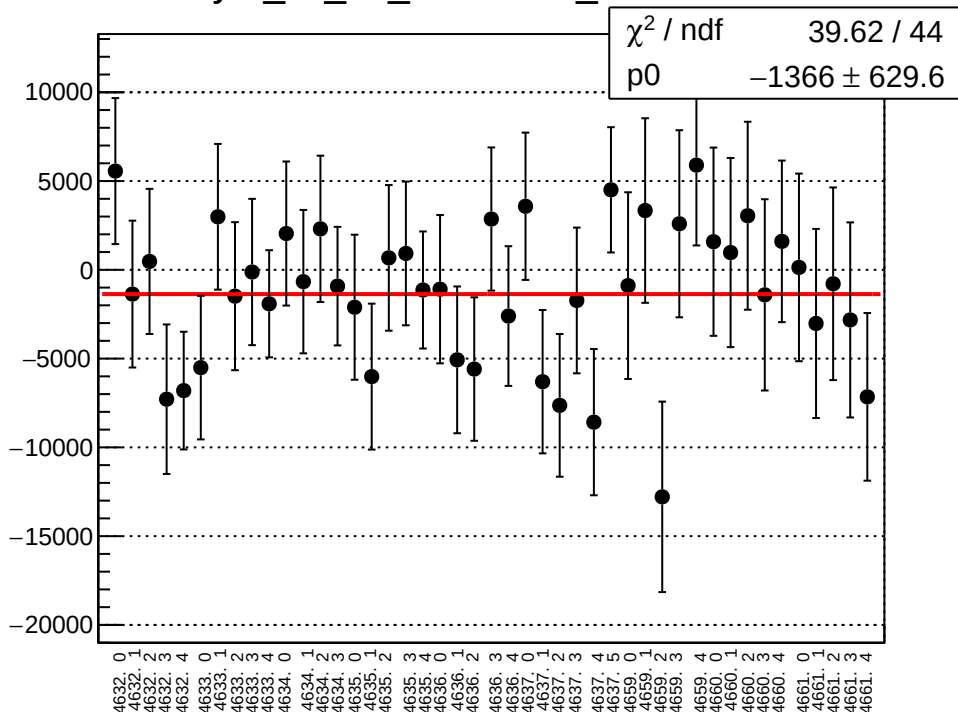
50.23 / 44

p0

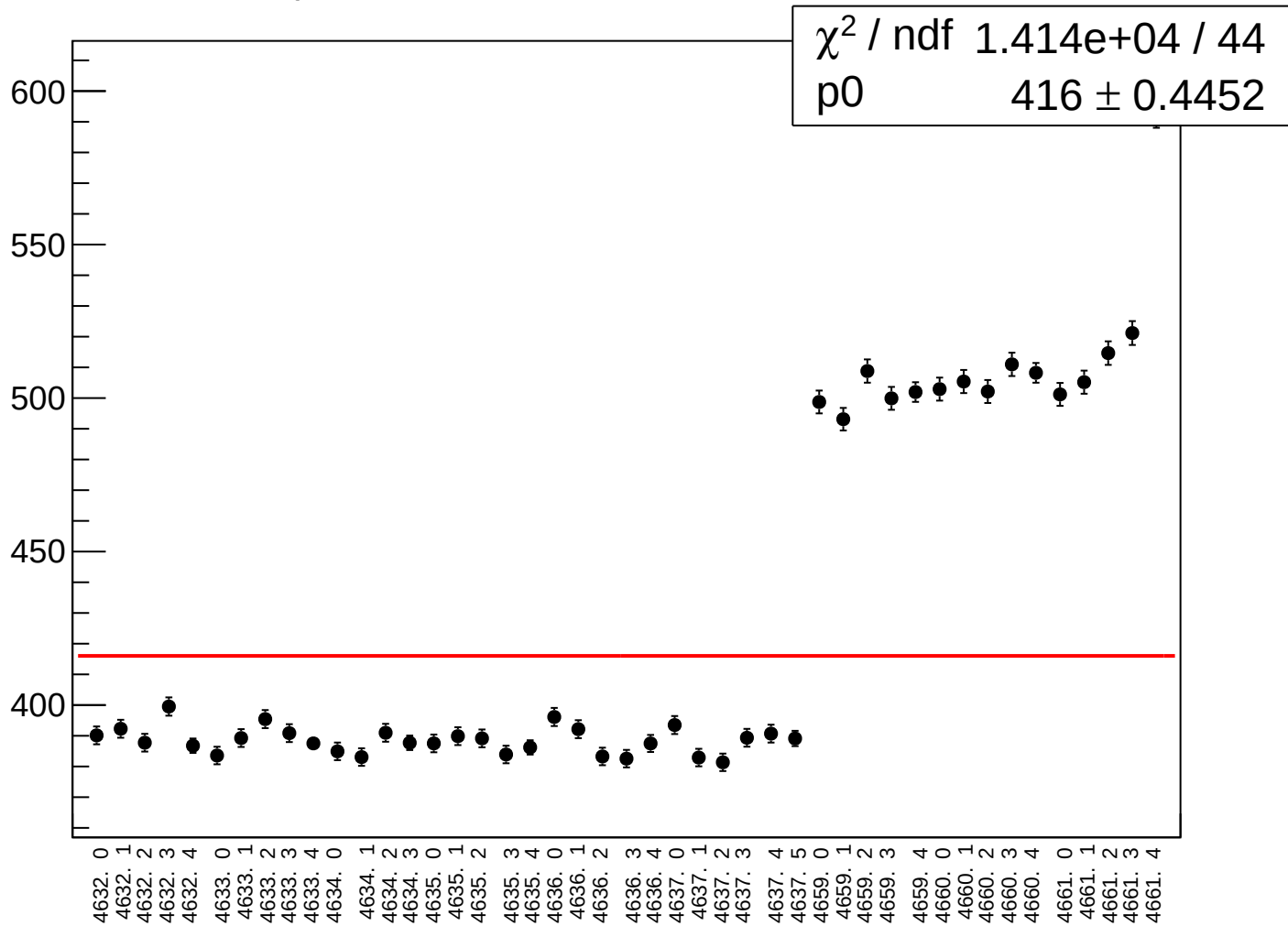
92.35 ± 0.09804



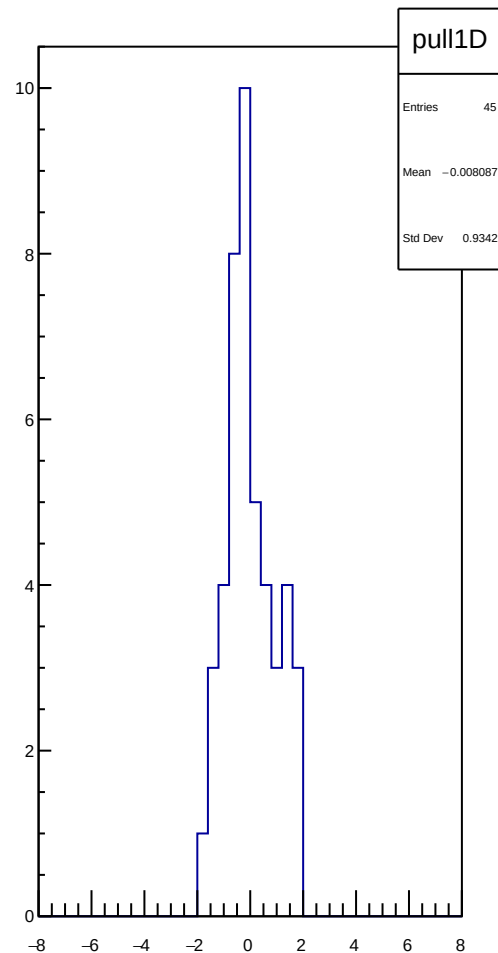
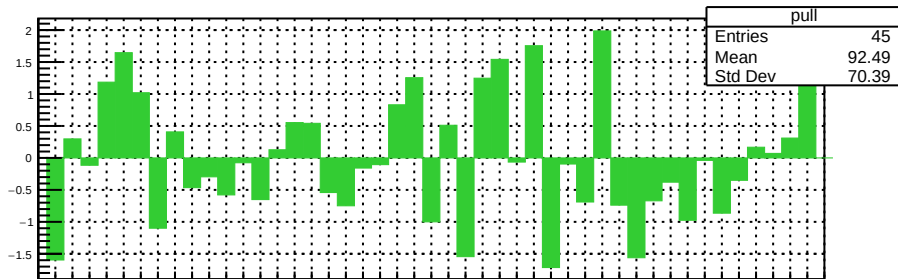
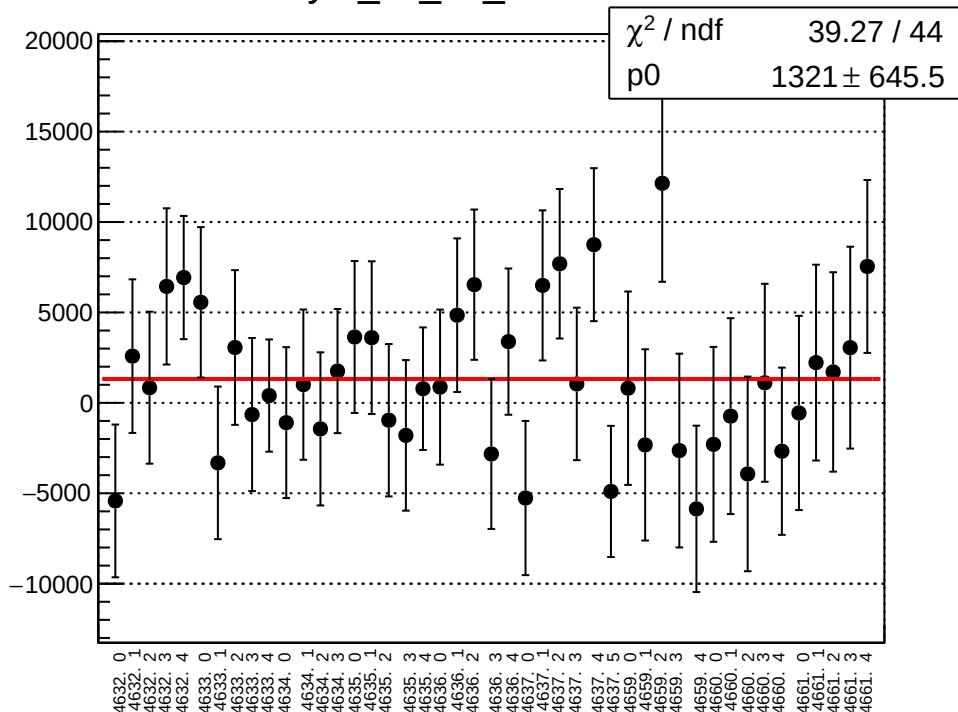
asym_us_dd_correction_mean vs run



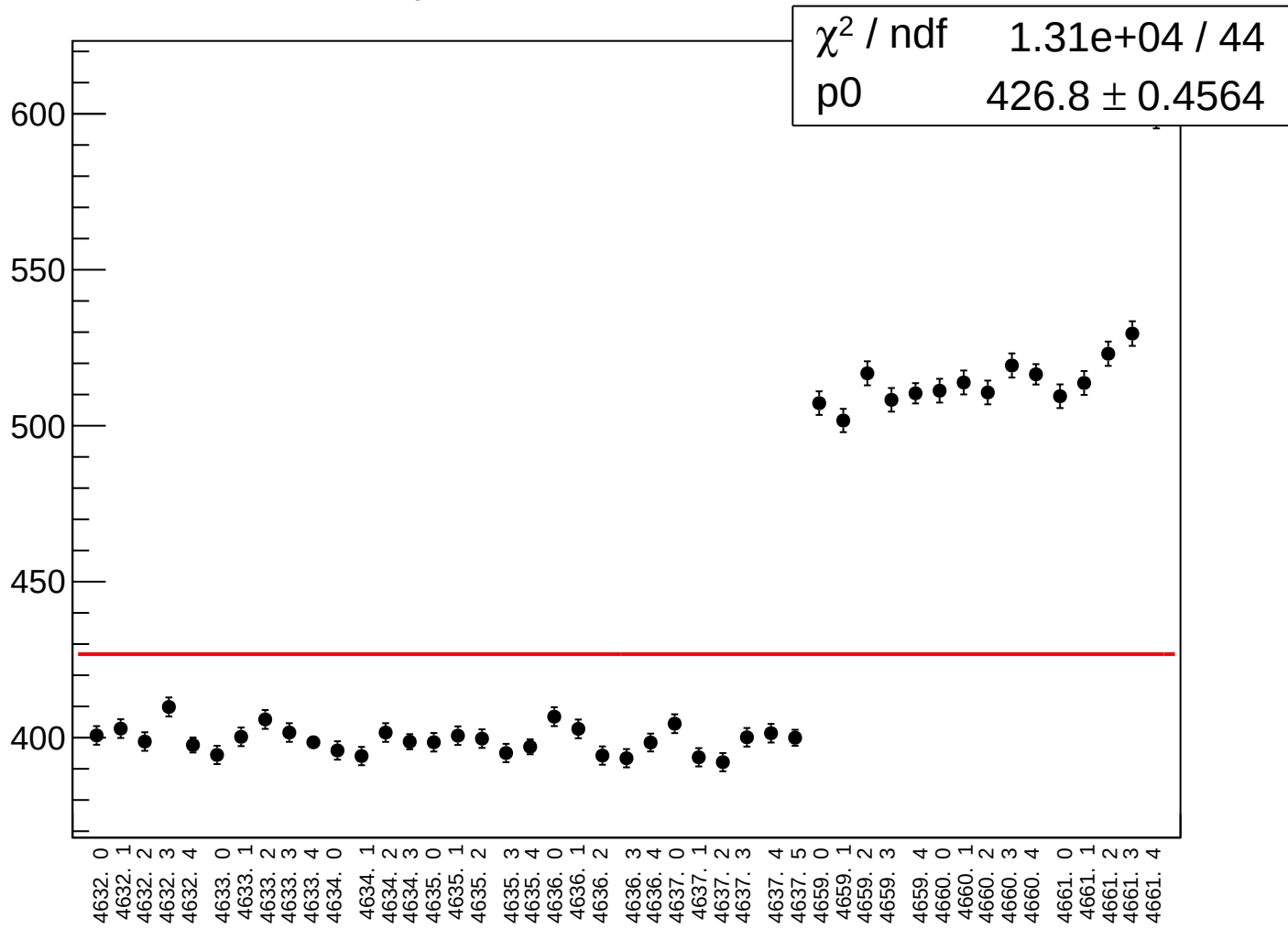
asym_us_dd_correction_rms vs run



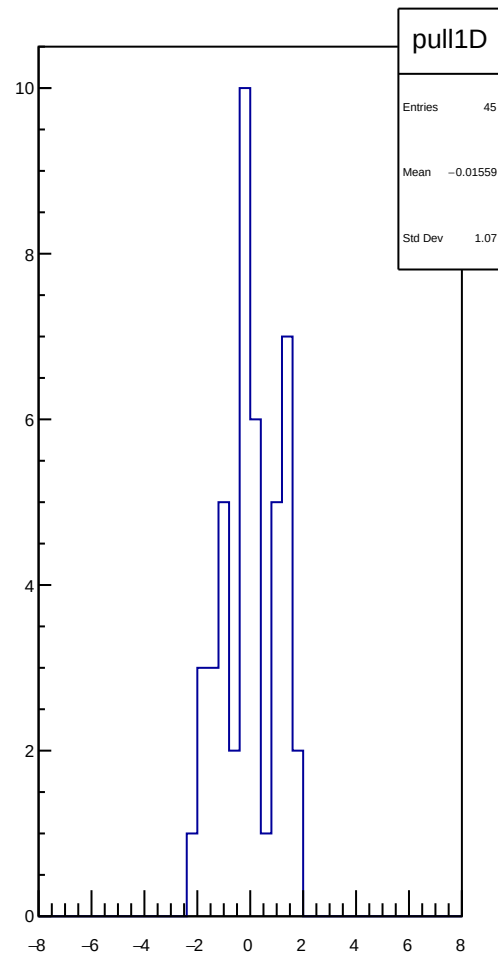
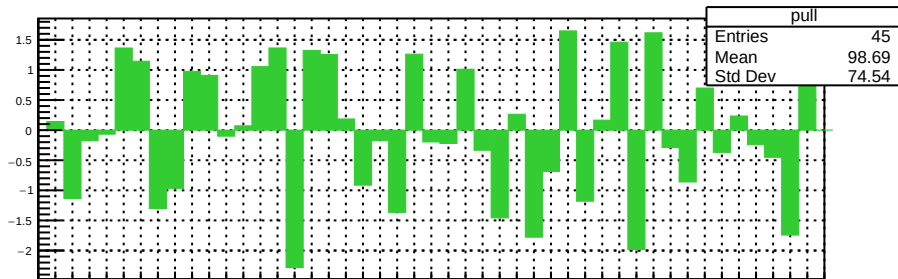
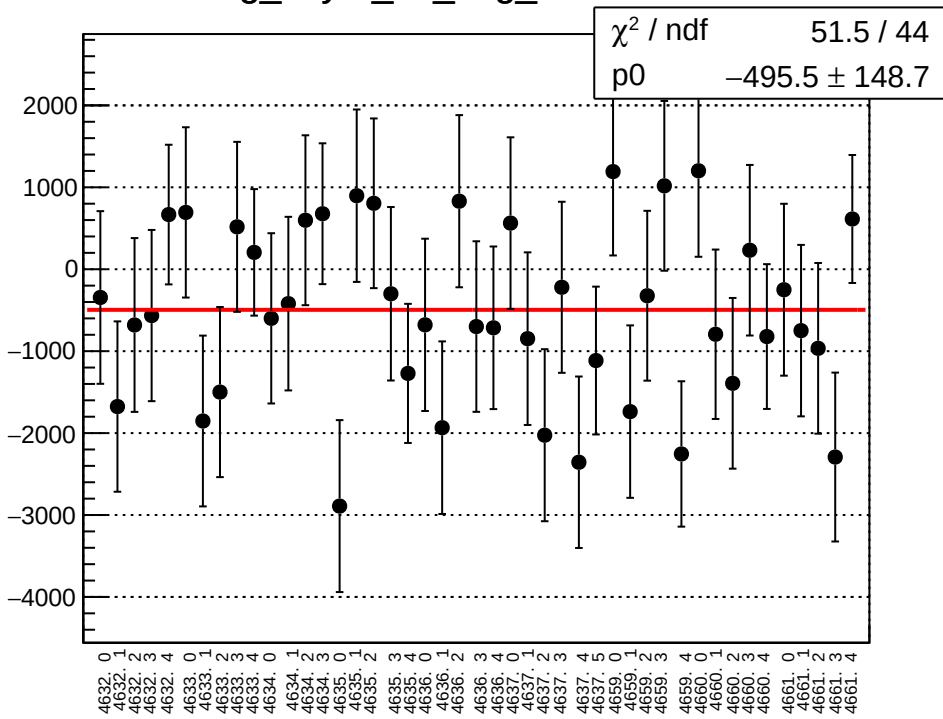
asym_us_dd_mean vs run



asym_us_dd_rms vs run



reg_asym_ds_avg_mean vs run



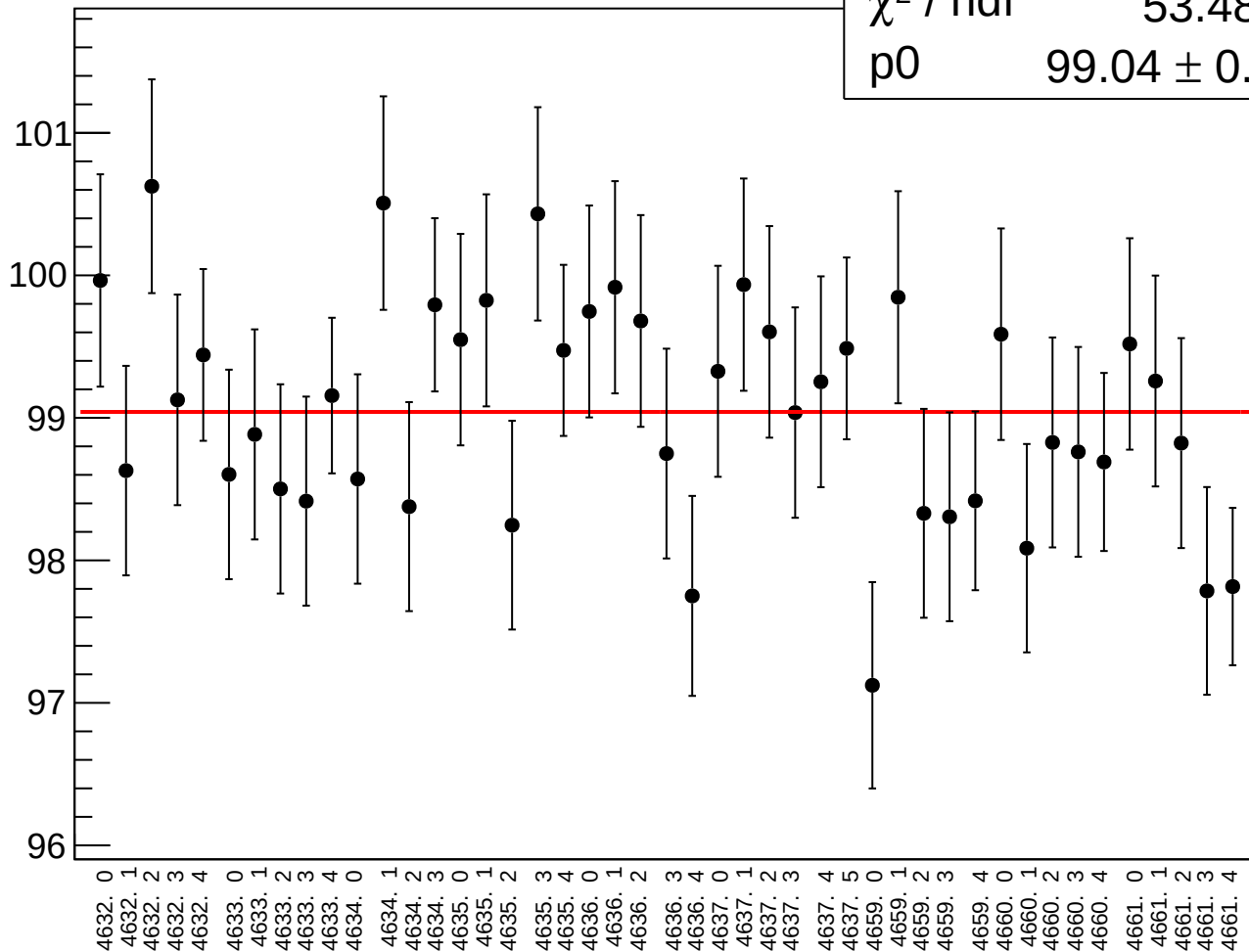
reg_asym_ds_avg_rms vs run

χ^2 / ndf

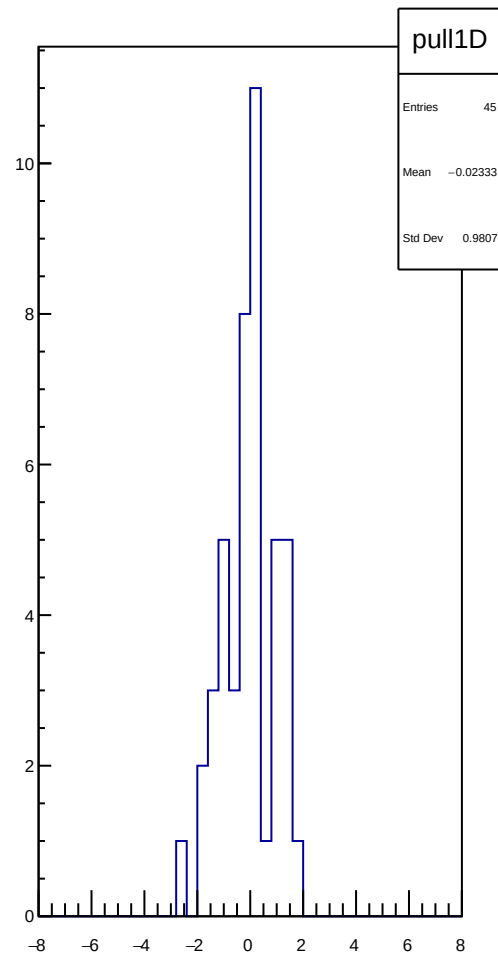
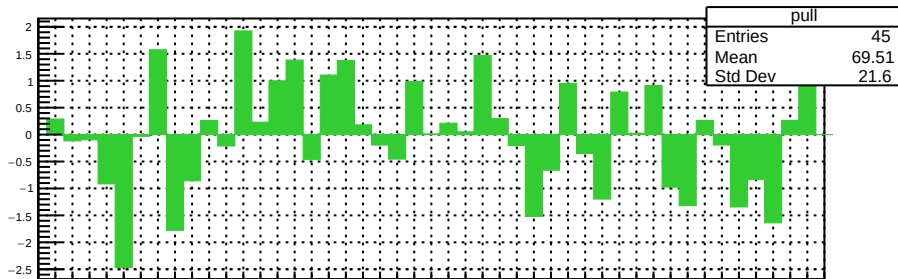
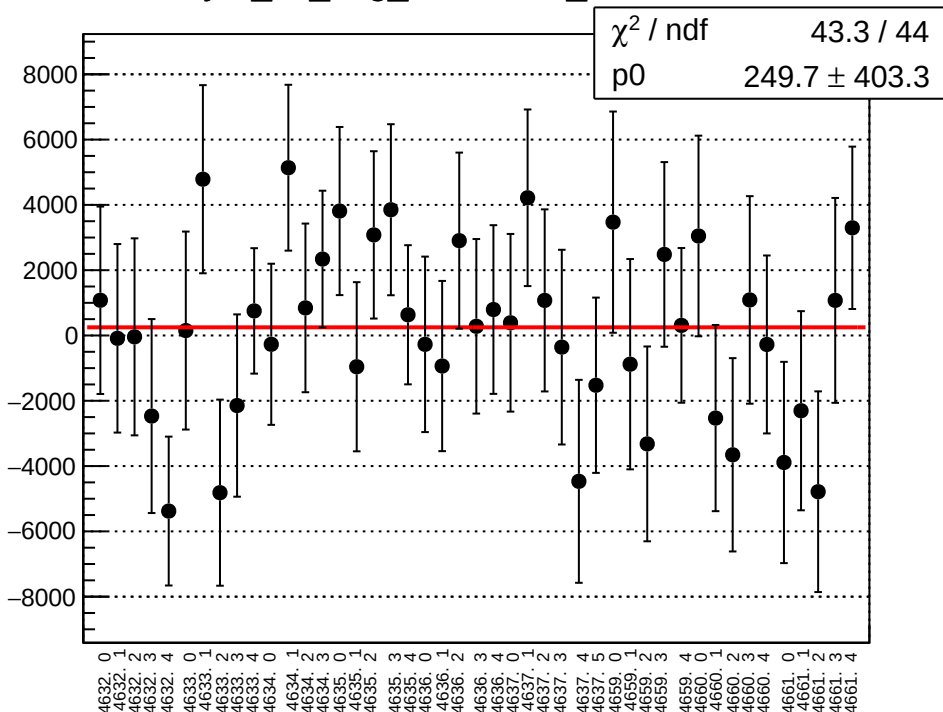
53.48 / 44

p0

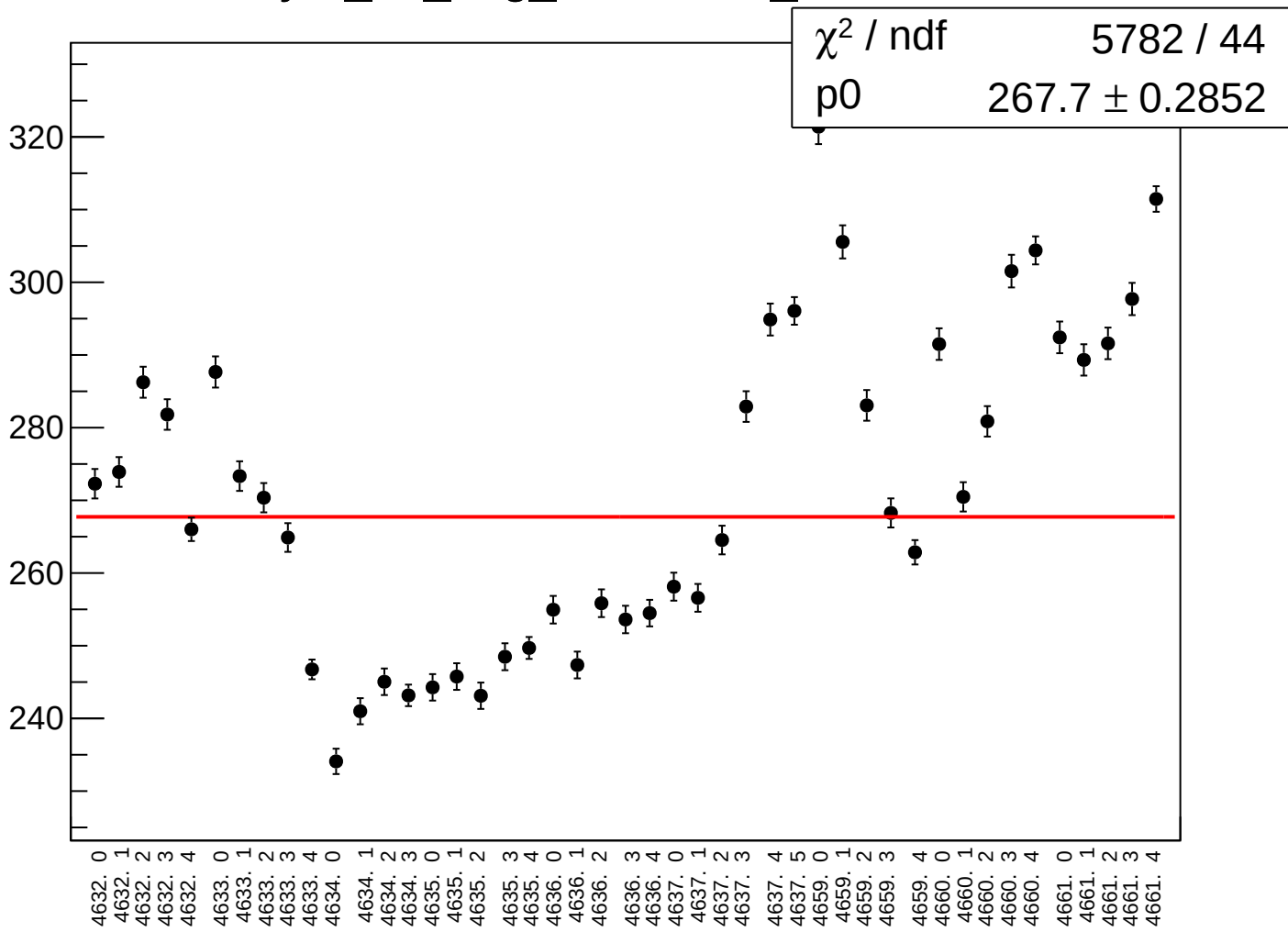
99.04 ± 0.1051



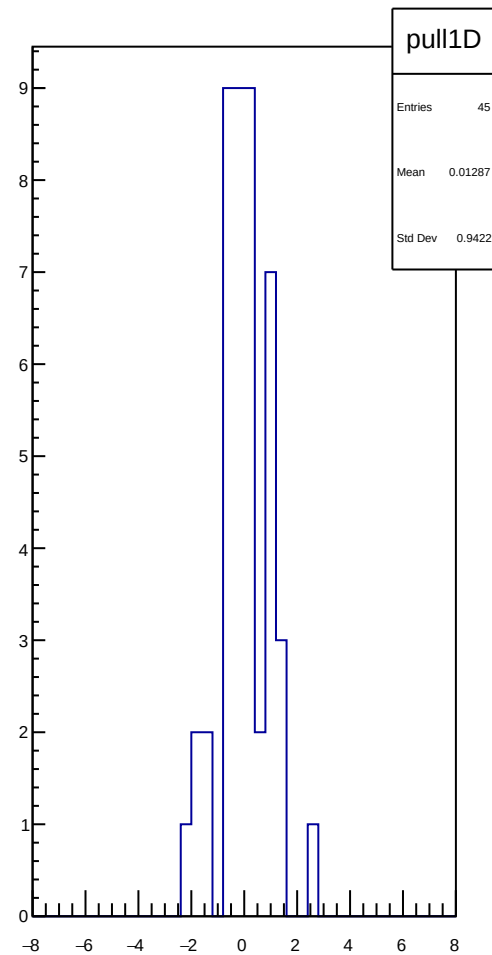
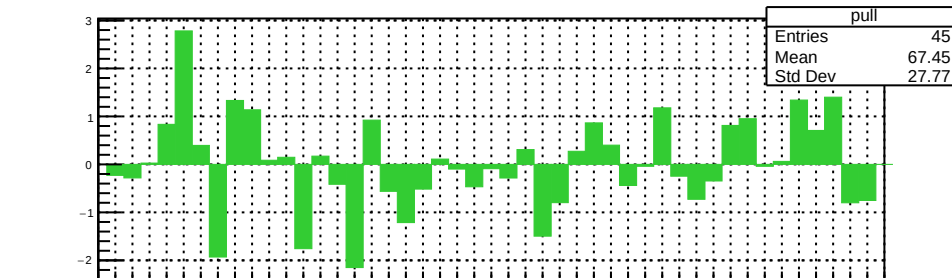
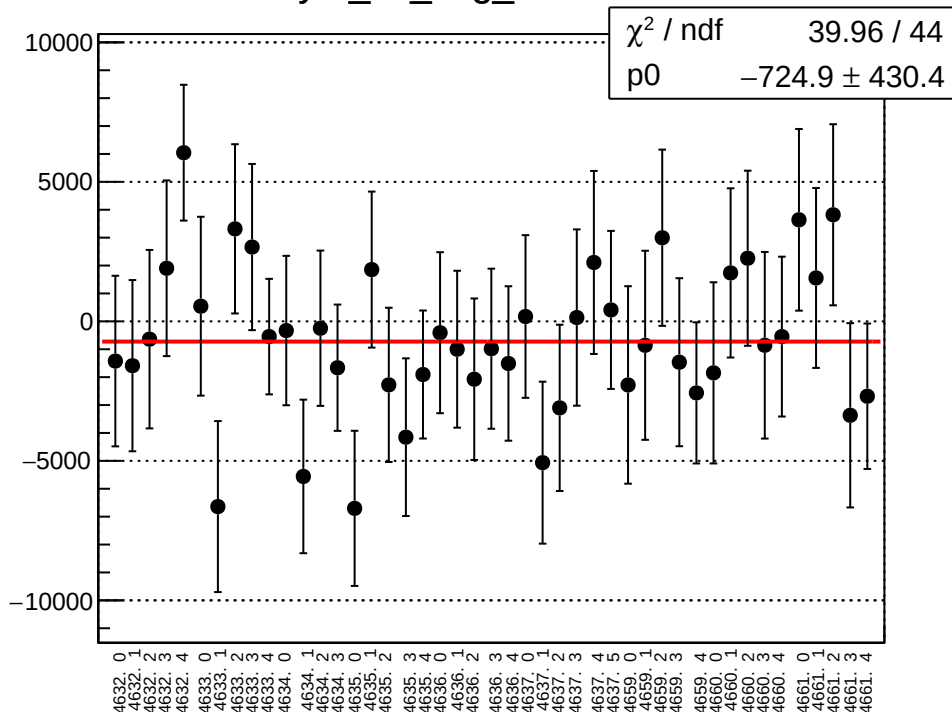
asym_ds_avg_correction_mean vs run



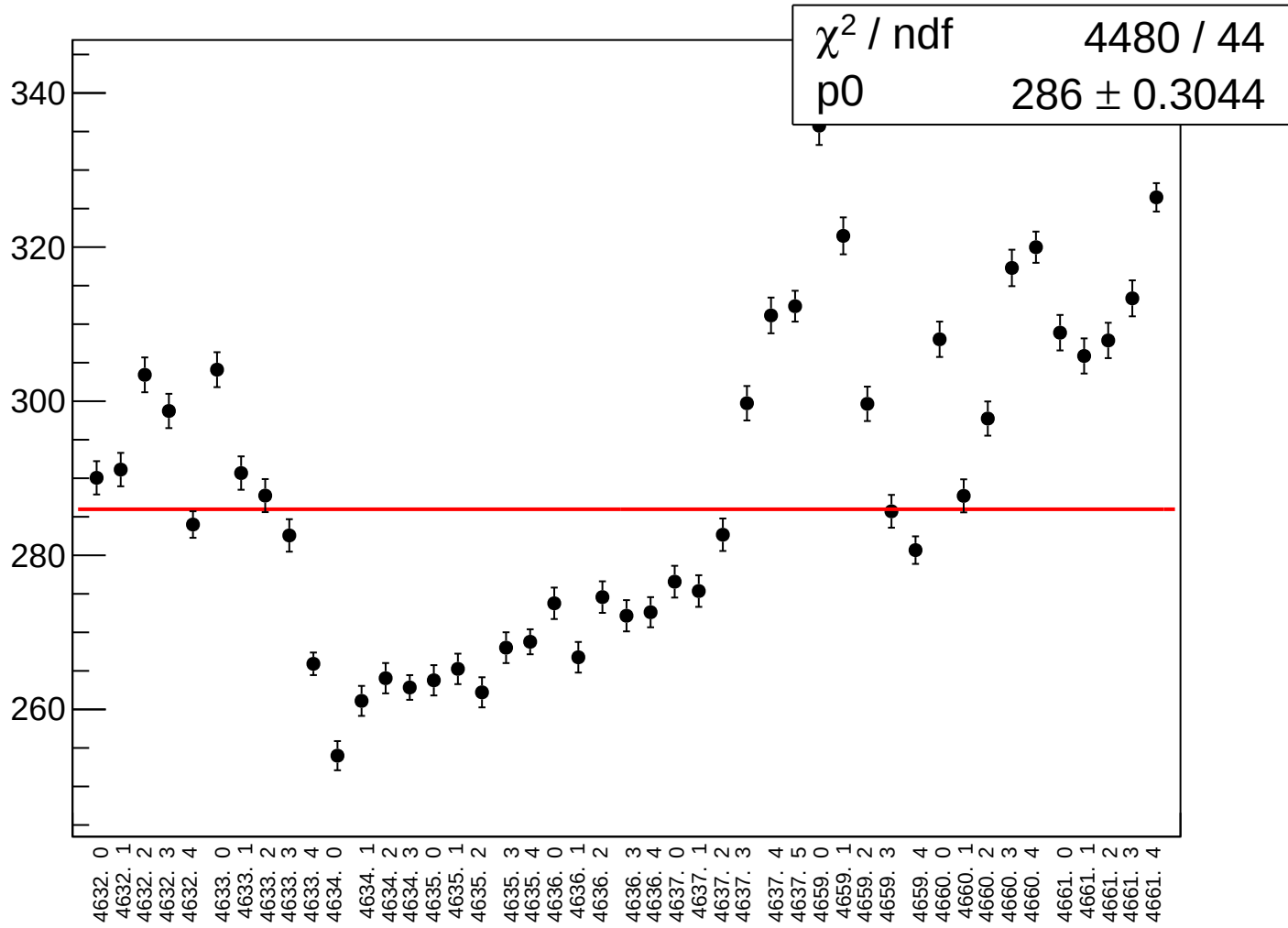
asym_ds_avg_correction_rms vs run



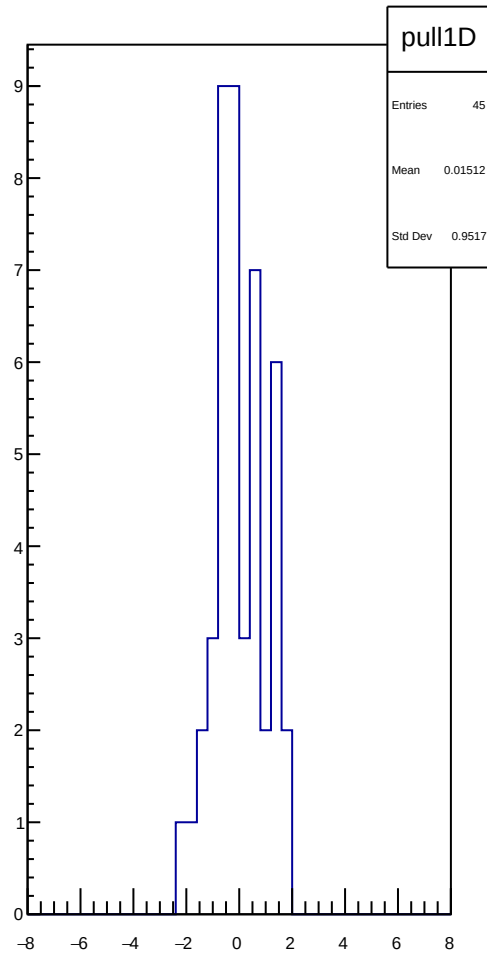
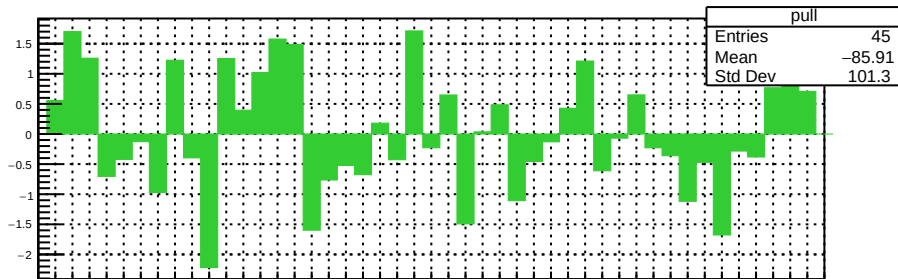
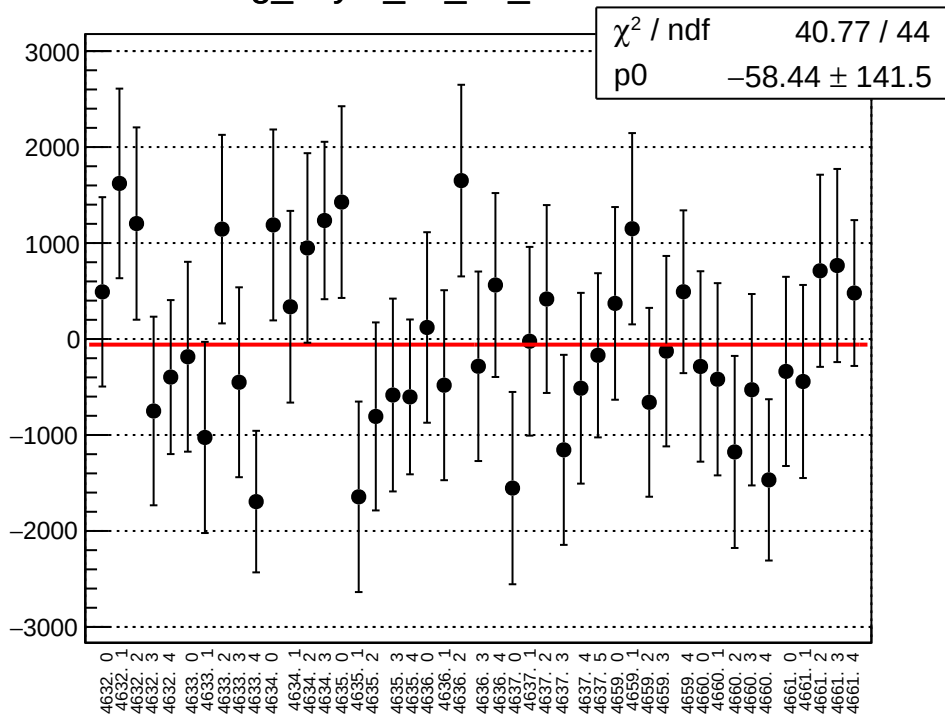
asym_ds_avg_mean vs run



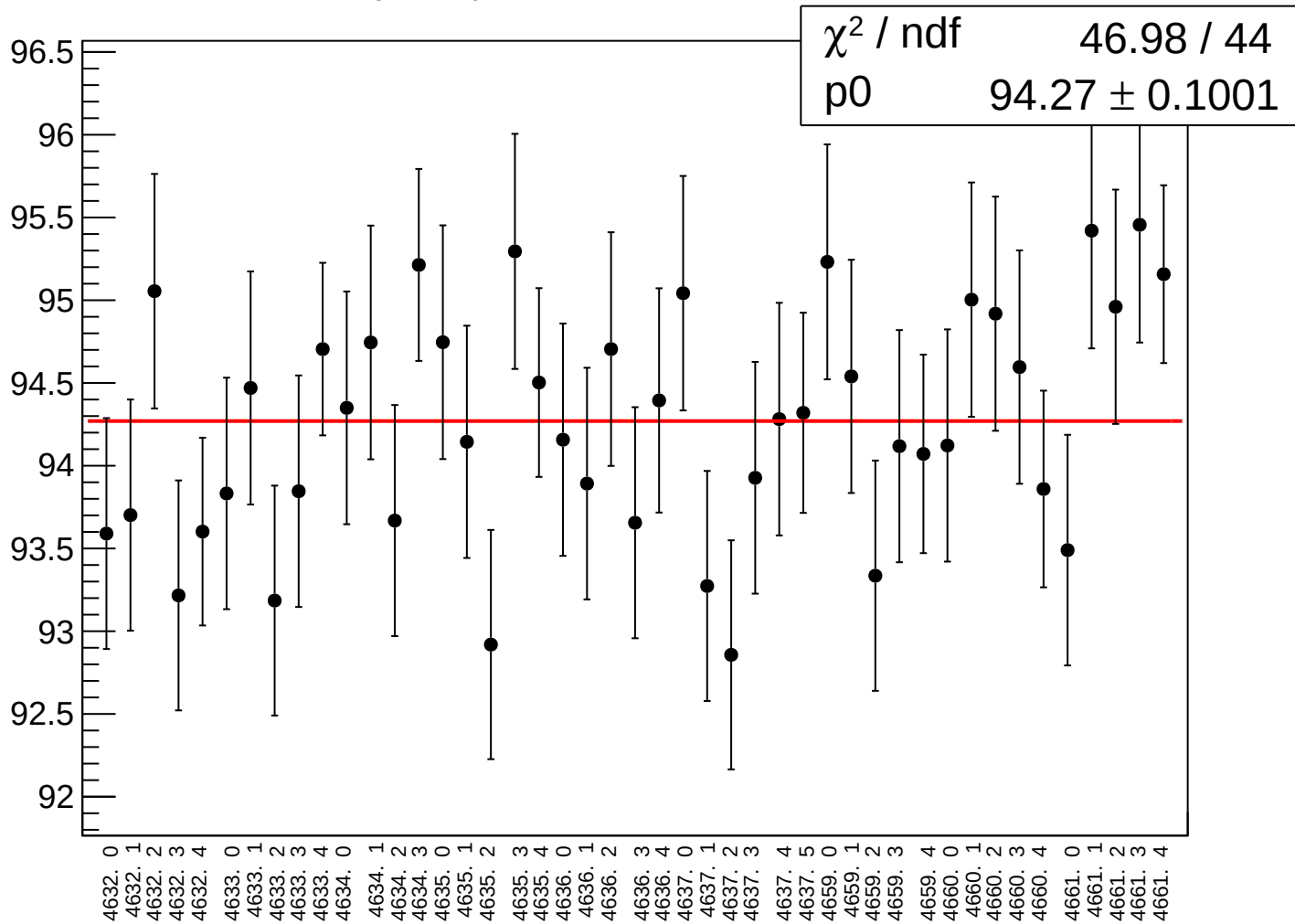
asym_ds_avg_rms vs run



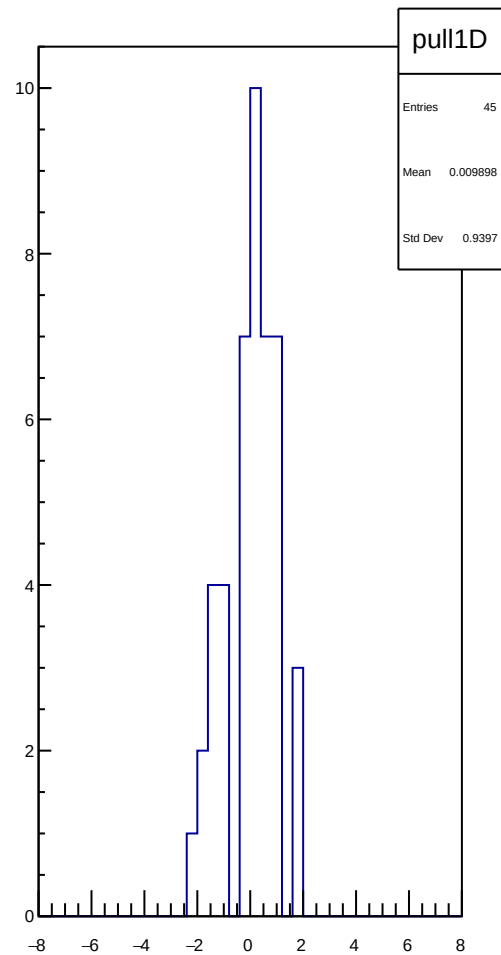
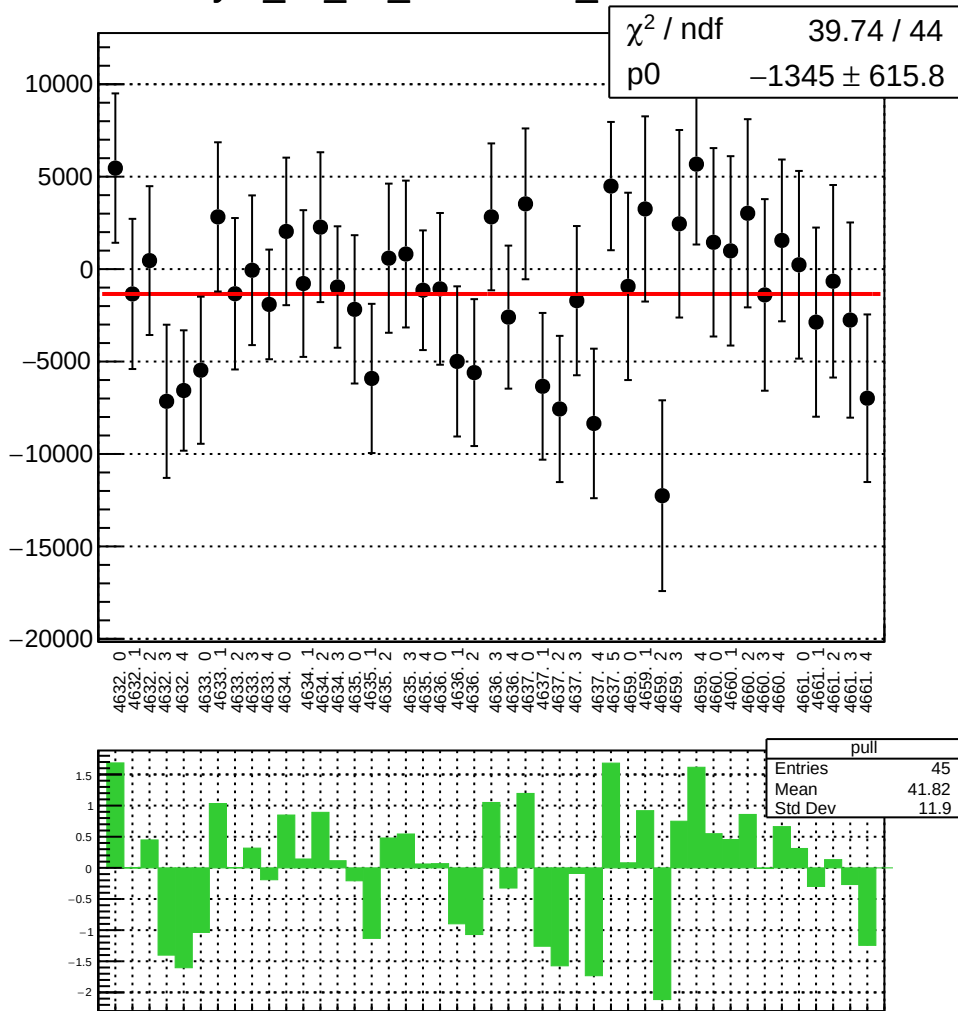
reg_asym_ds_dd_mean vs run



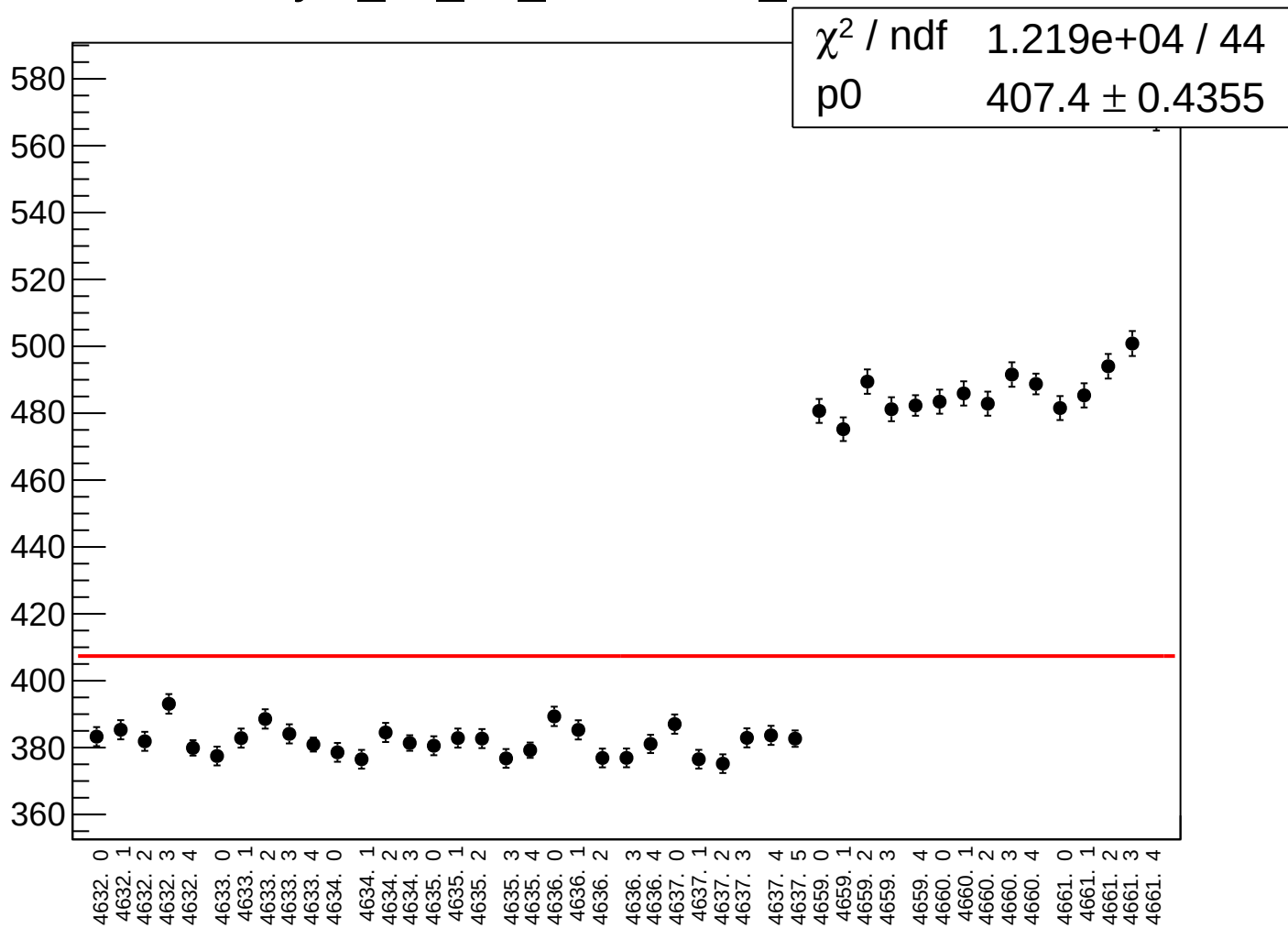
reg_asym_ds_dd_rms vs run



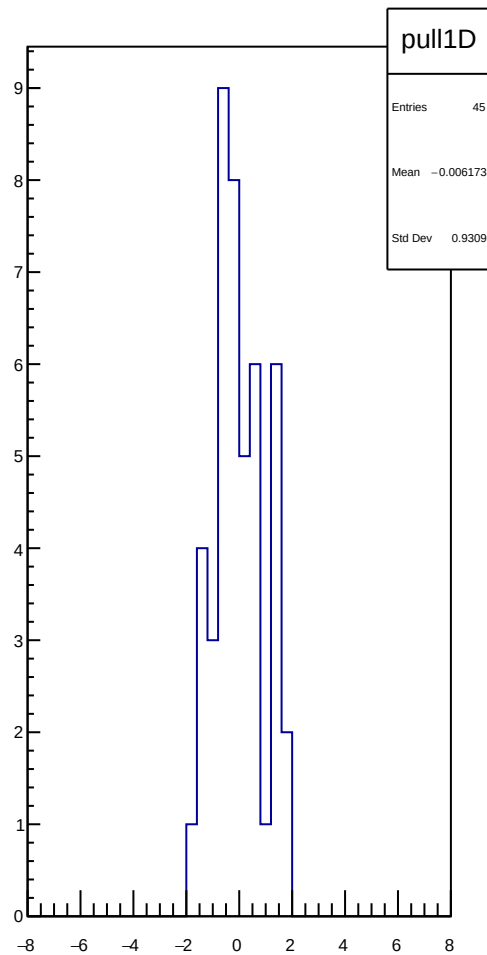
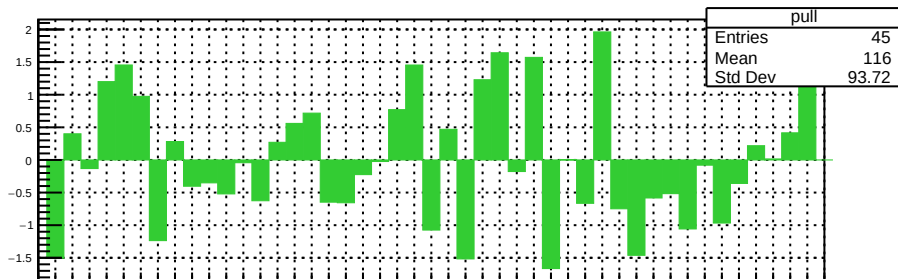
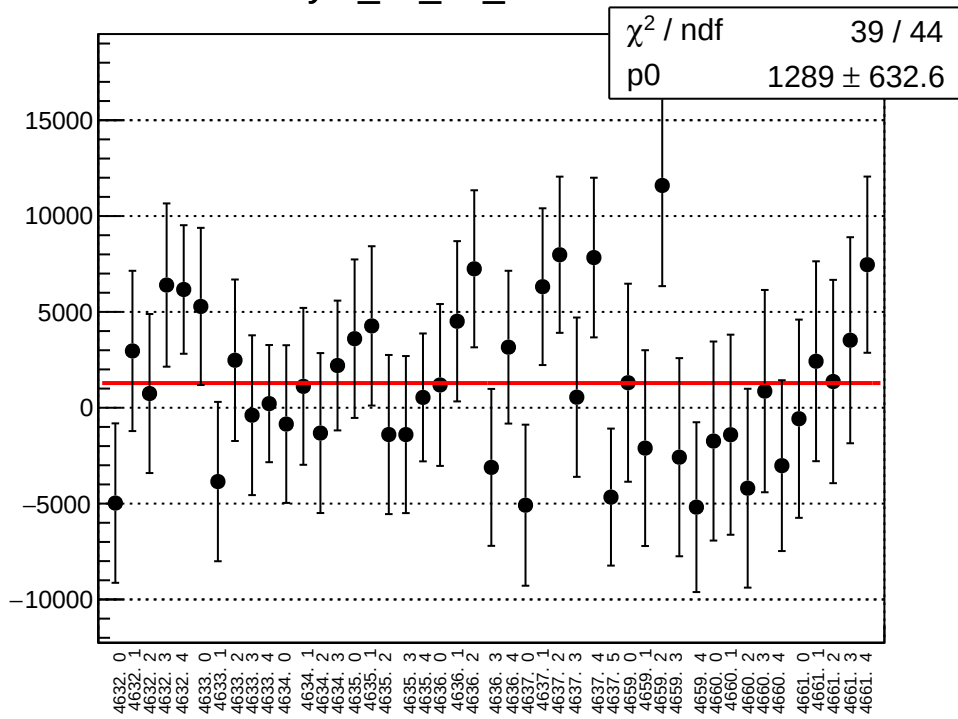
asym_ds_dd_correction_mean vs run



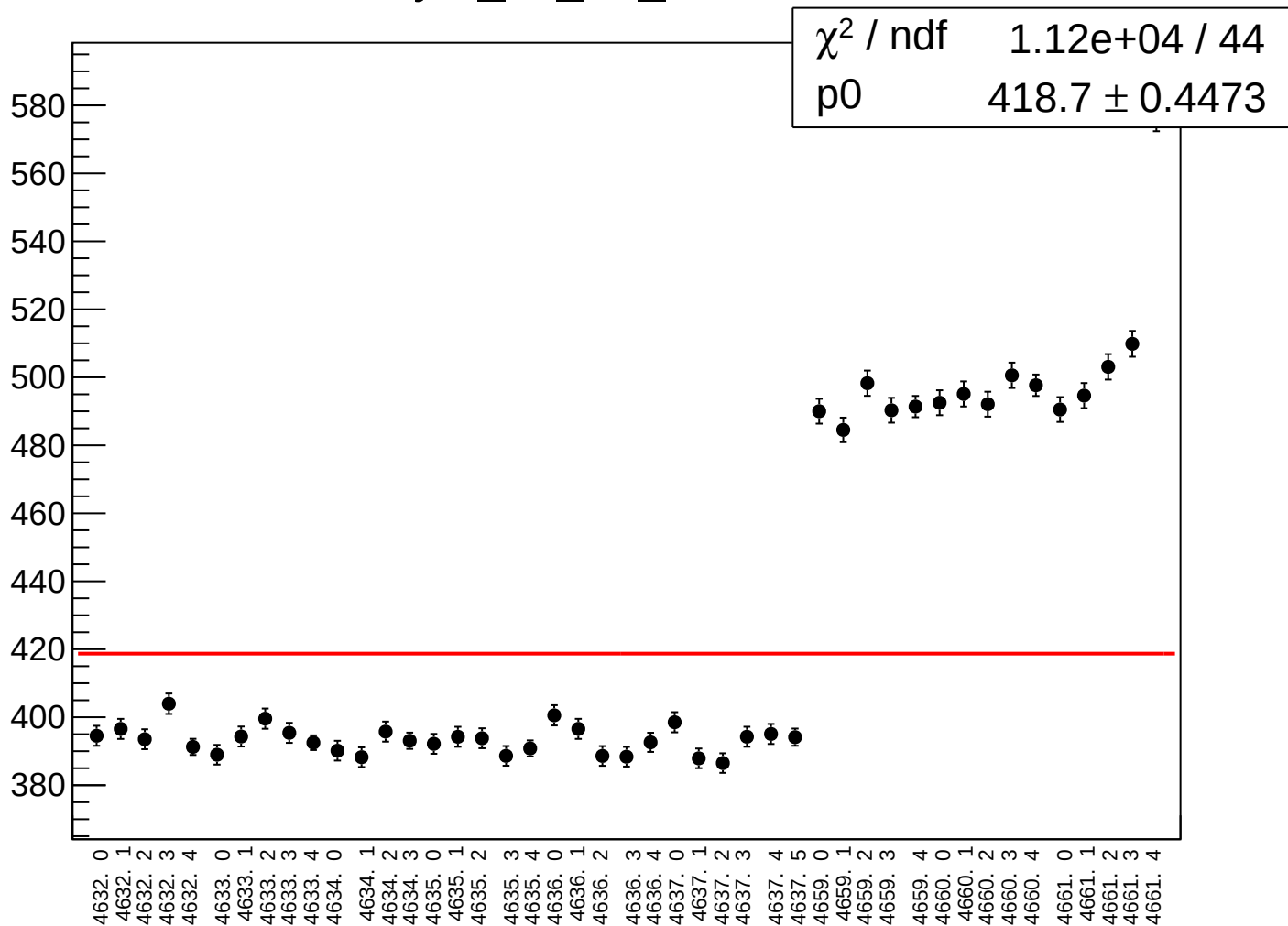
asym_ds_dd_correction_rms vs run



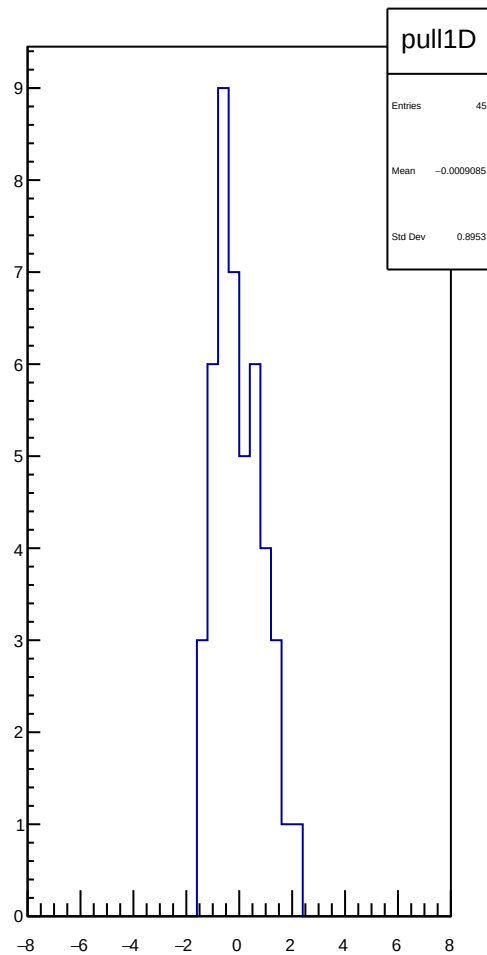
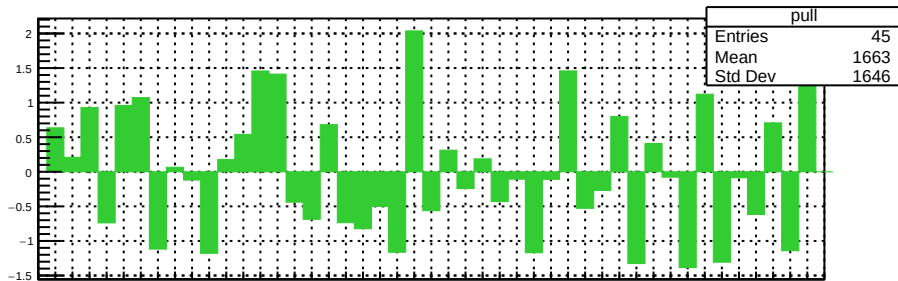
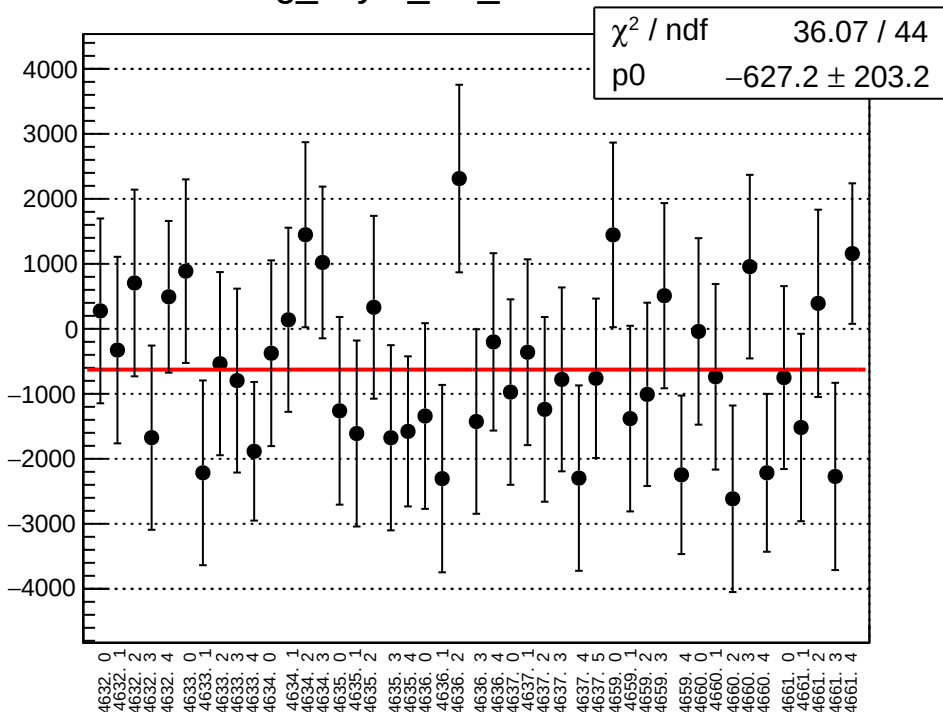
asym_ds_dd_mean vs run



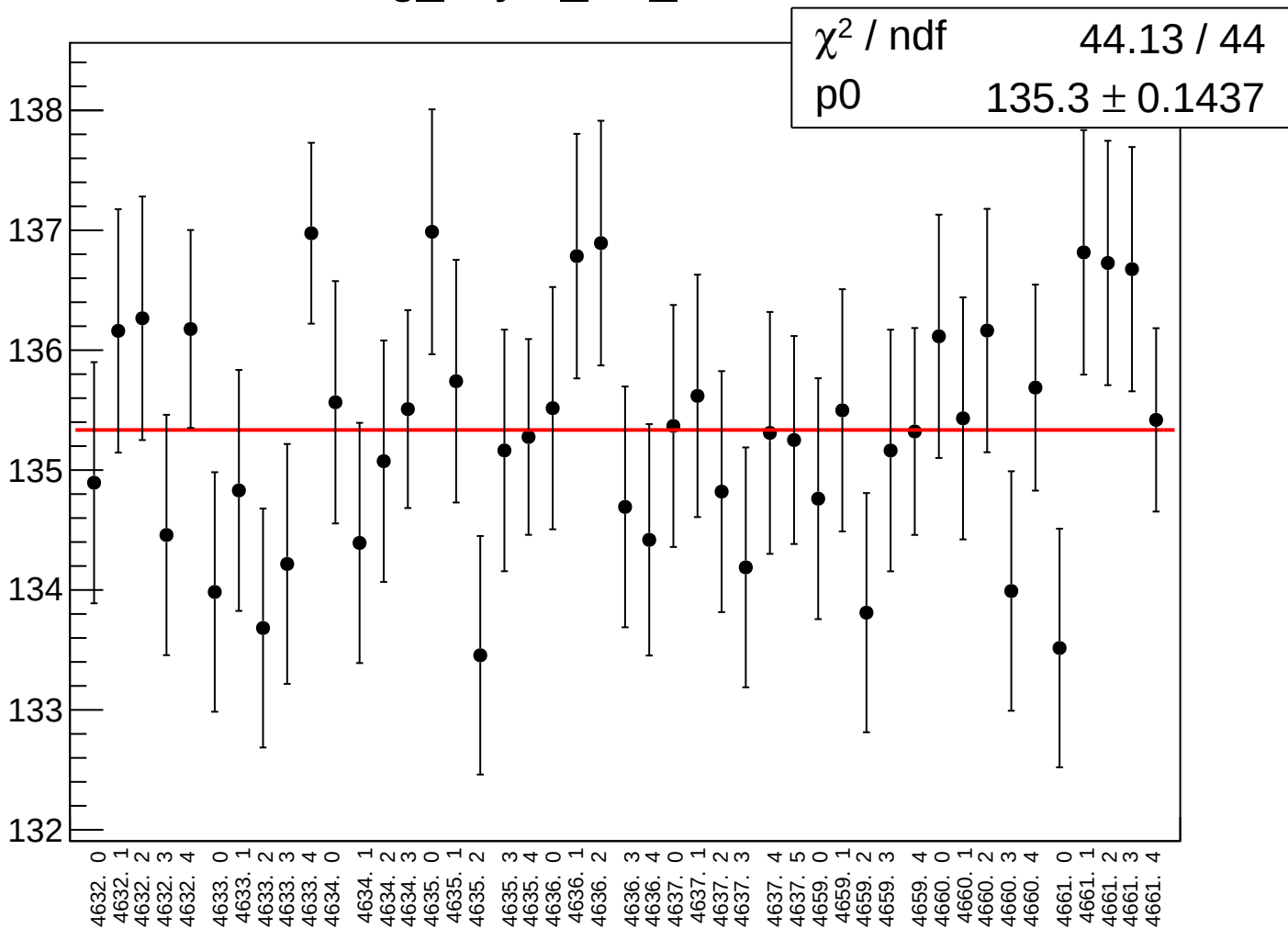
asym_ds_dd_rms vs run



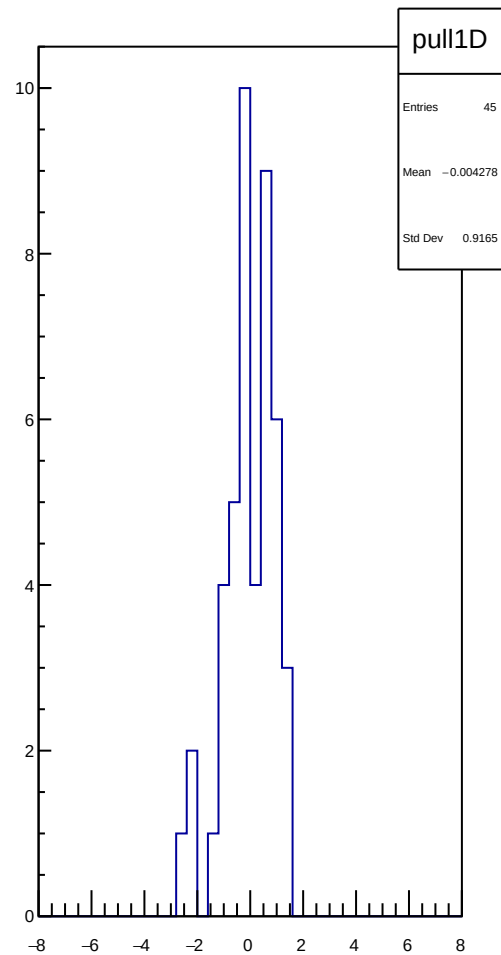
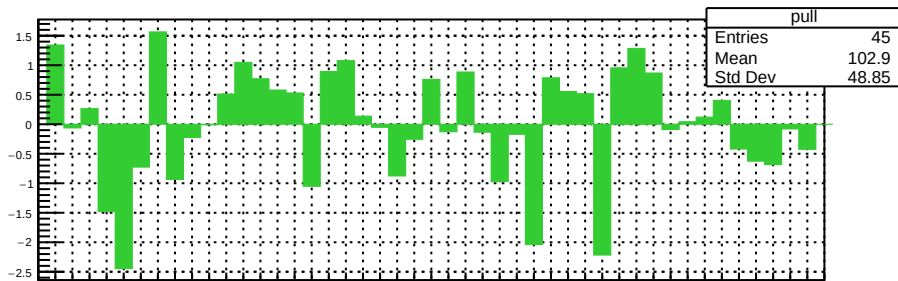
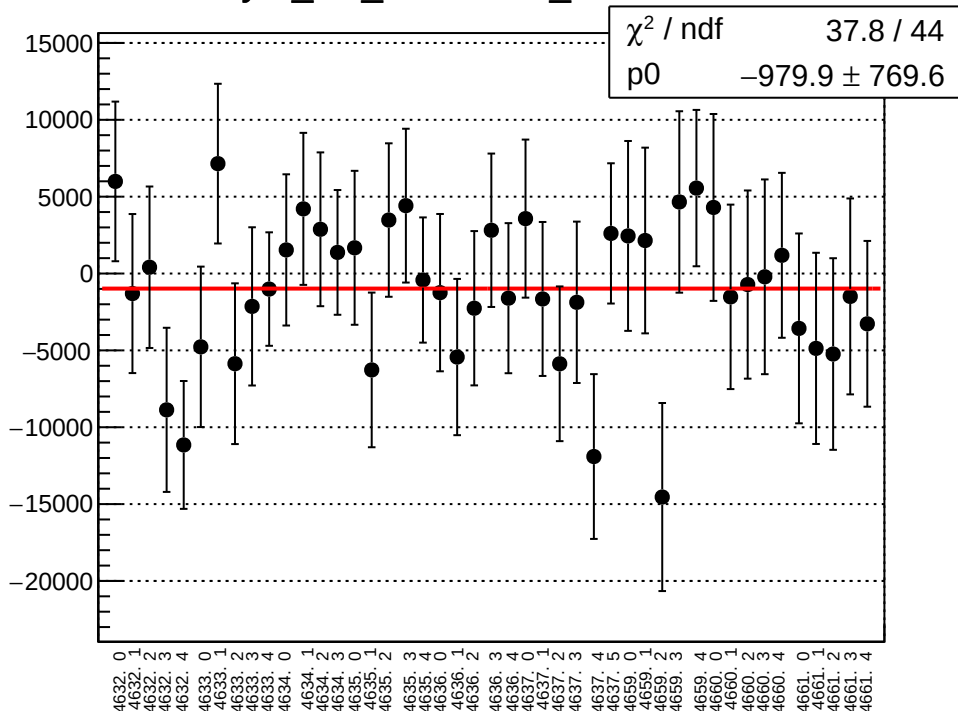
reg_asym_usl_mean vs run



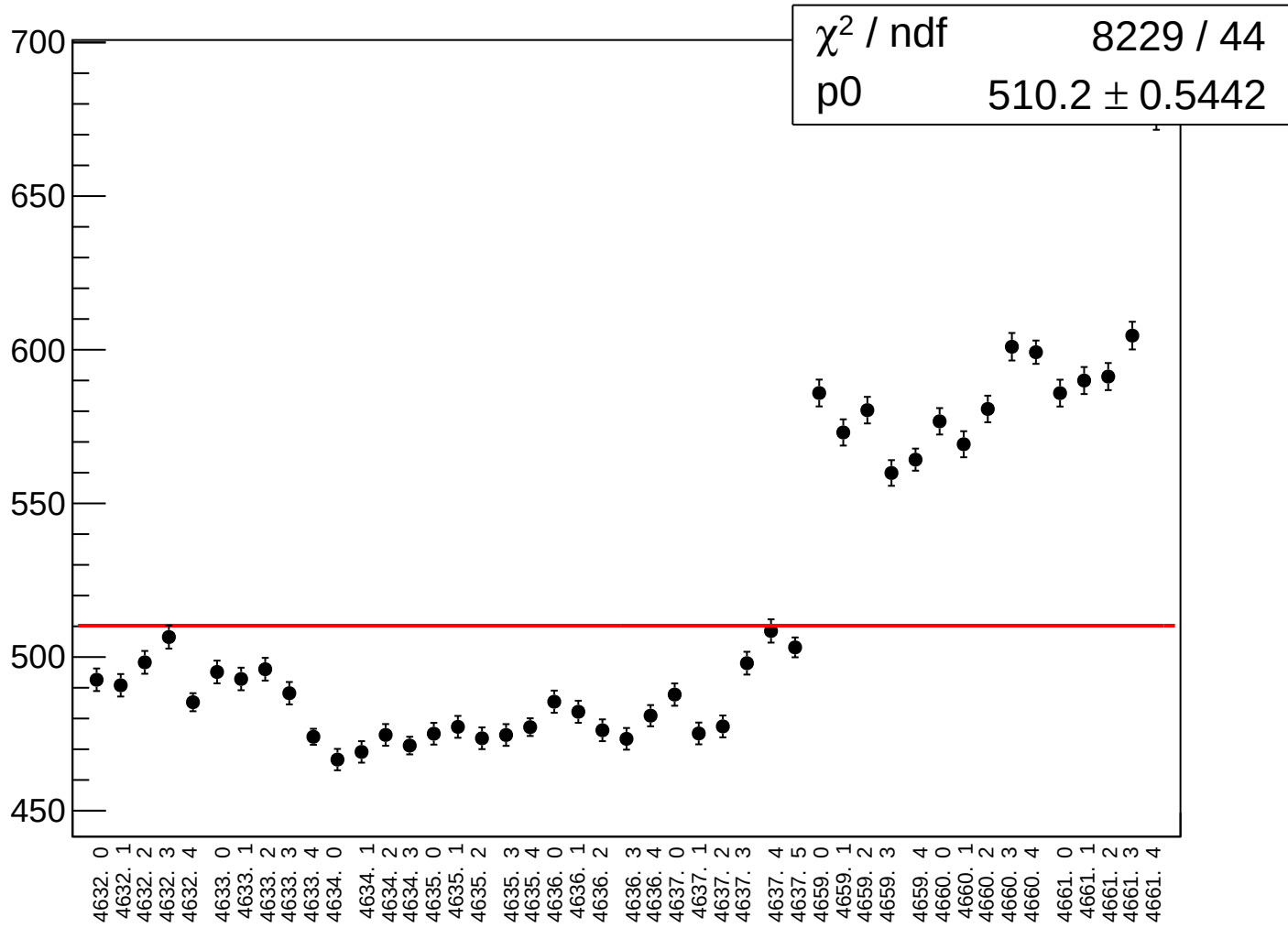
reg_asym_usl_rms vs run



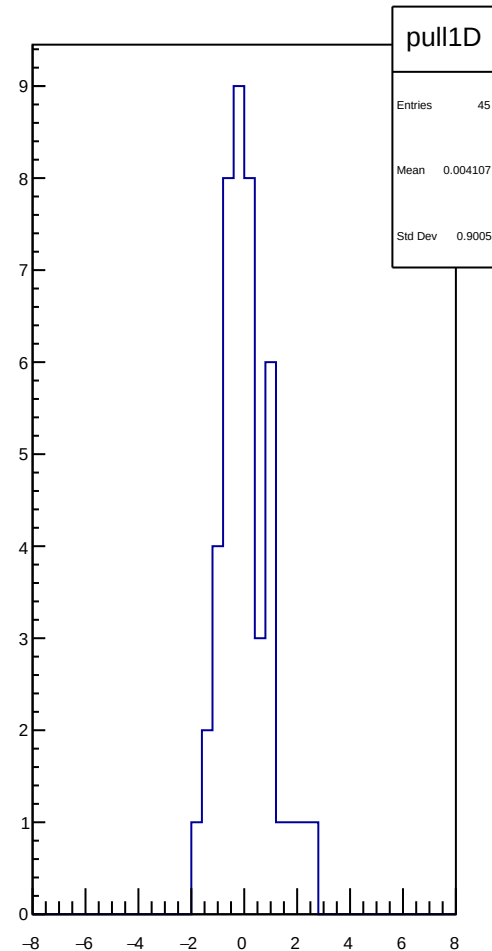
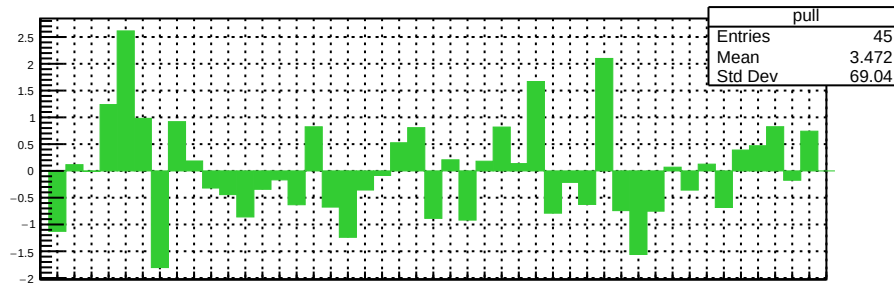
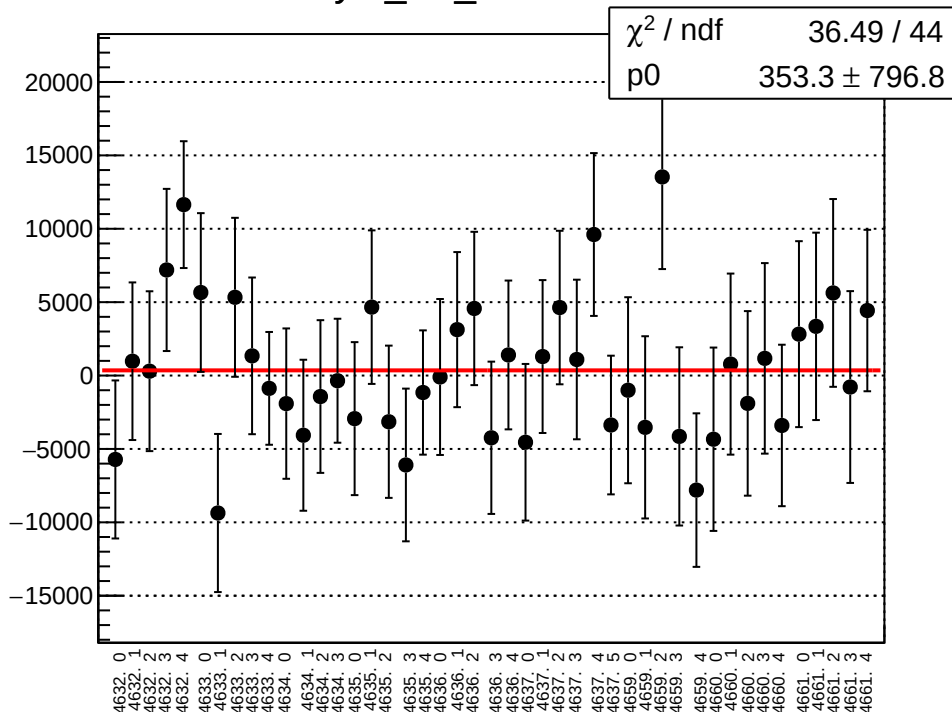
asym_usl_correction_mean vs run



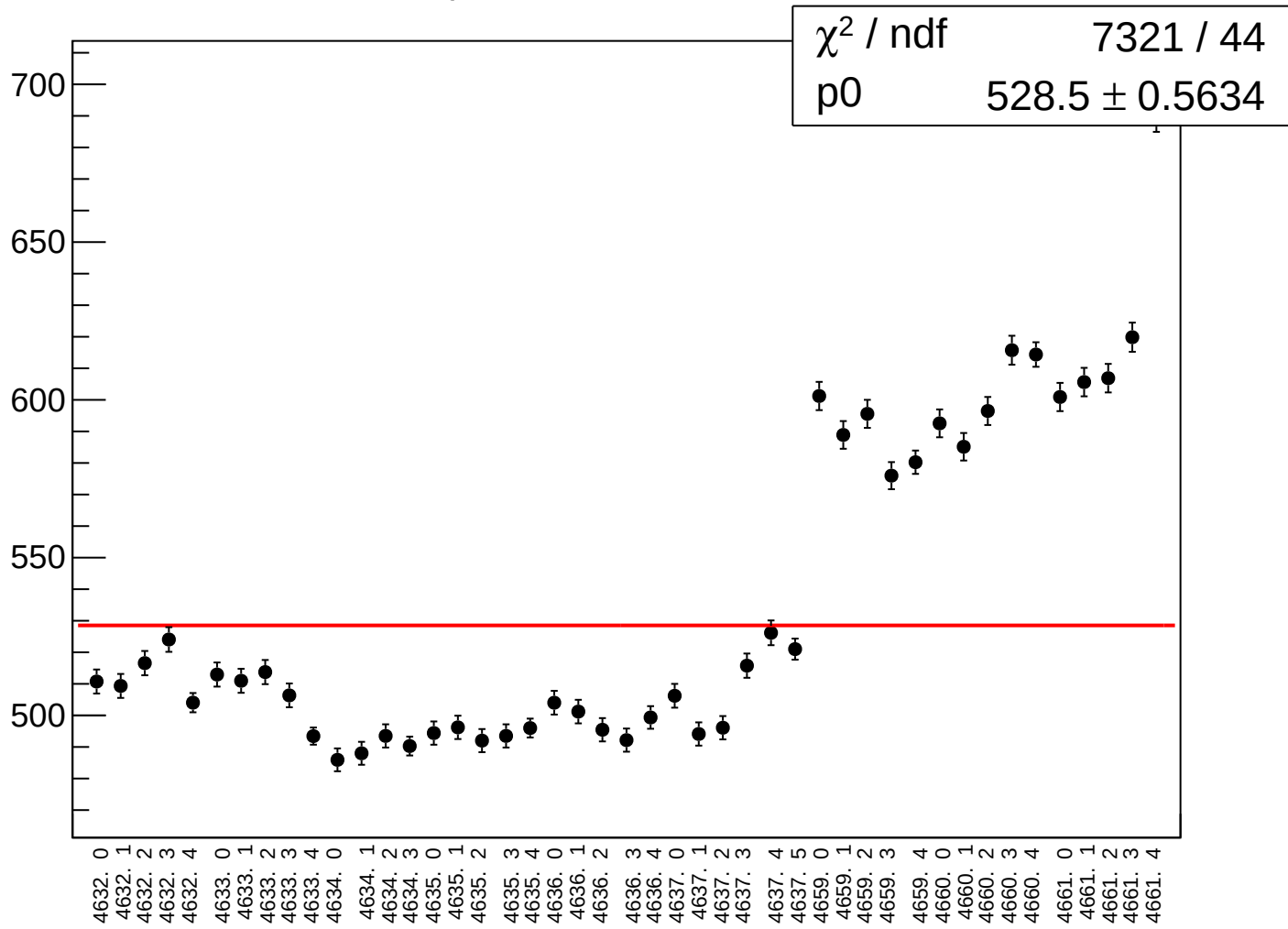
asym_usl_correction_rms vs run



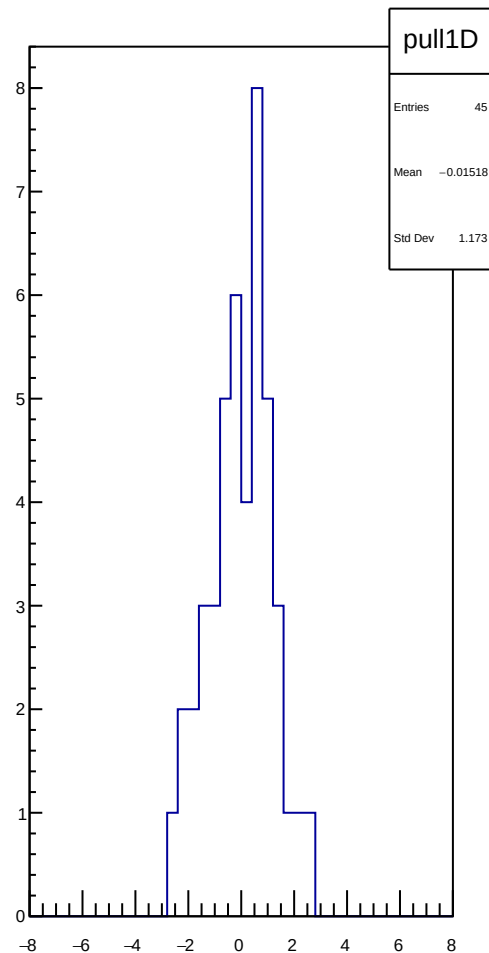
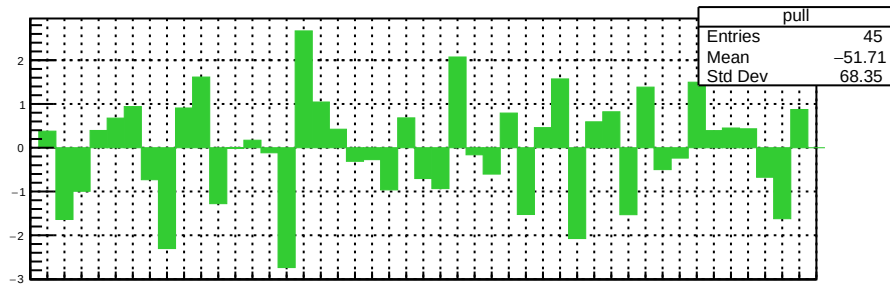
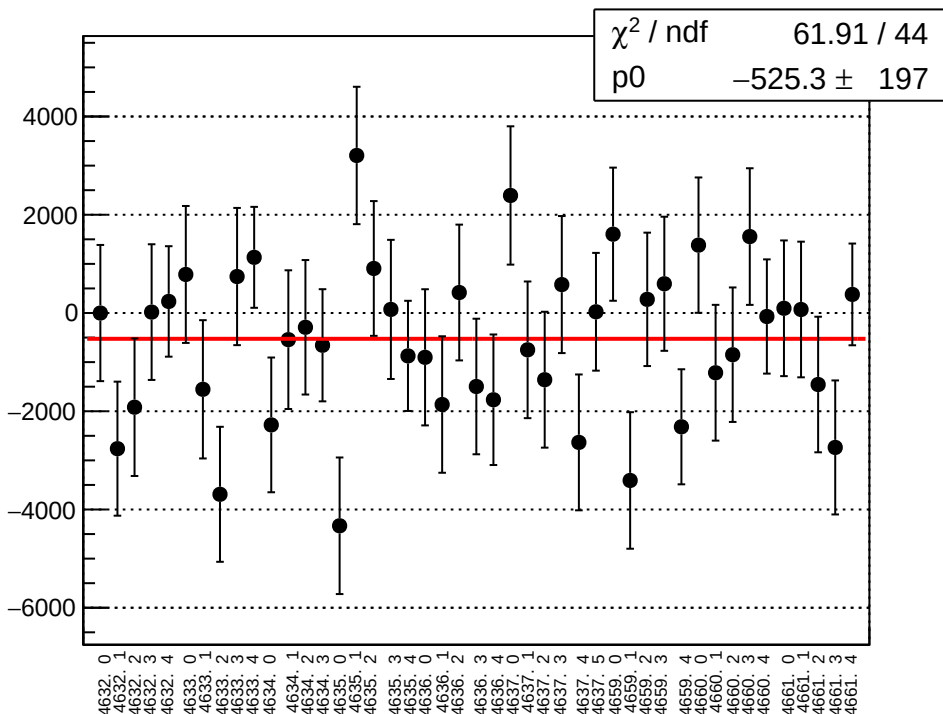
asym_usl_mean vs run



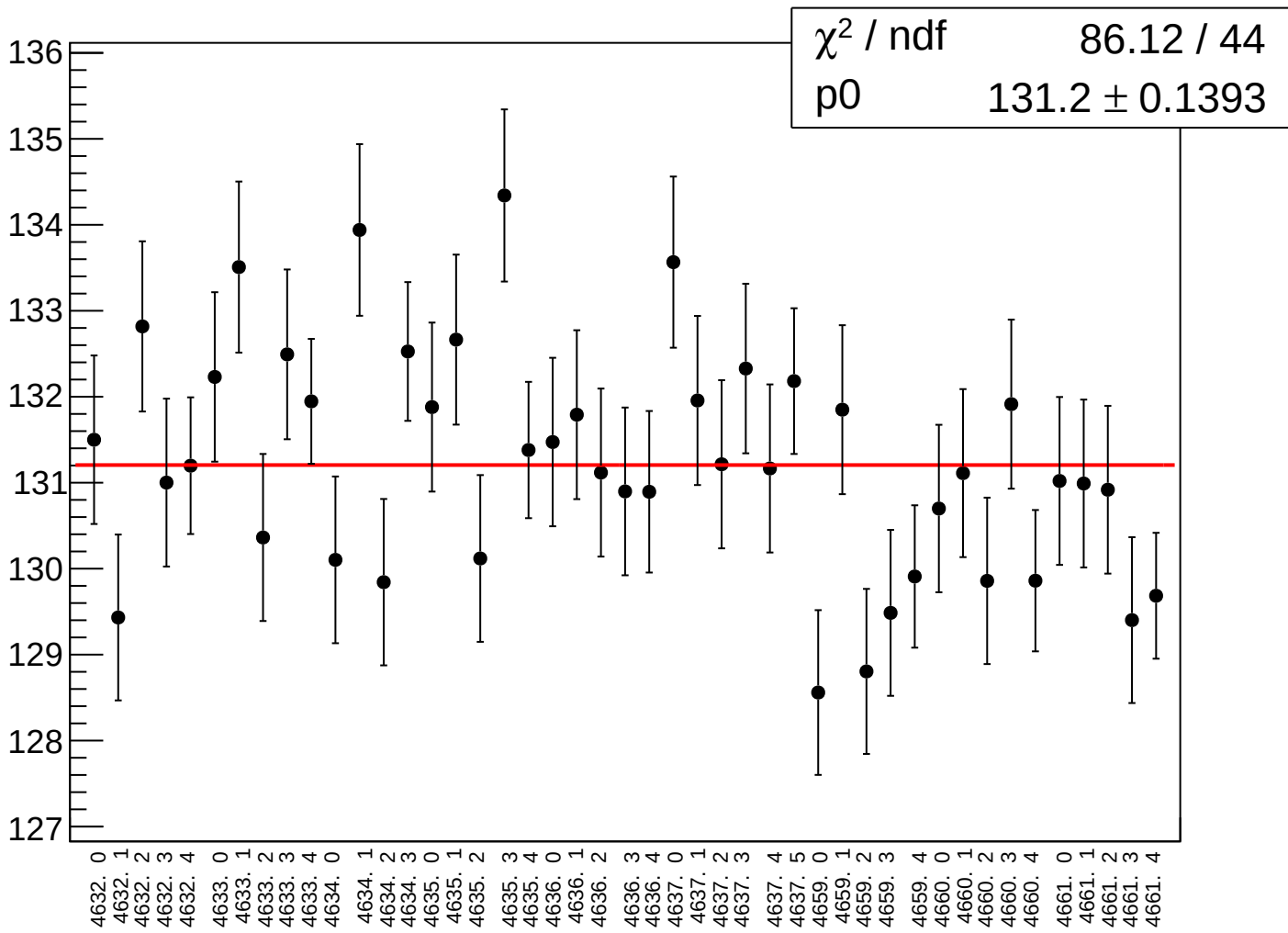
asym_usl_rms vs run



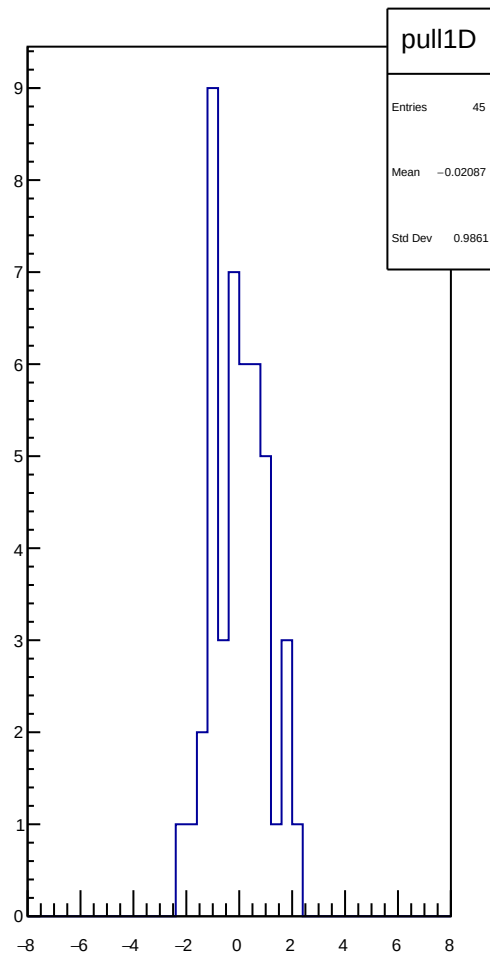
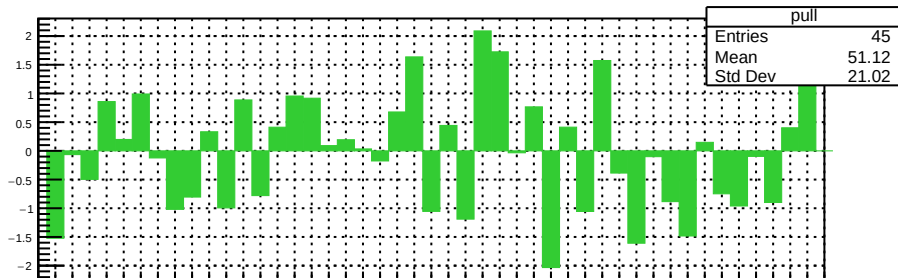
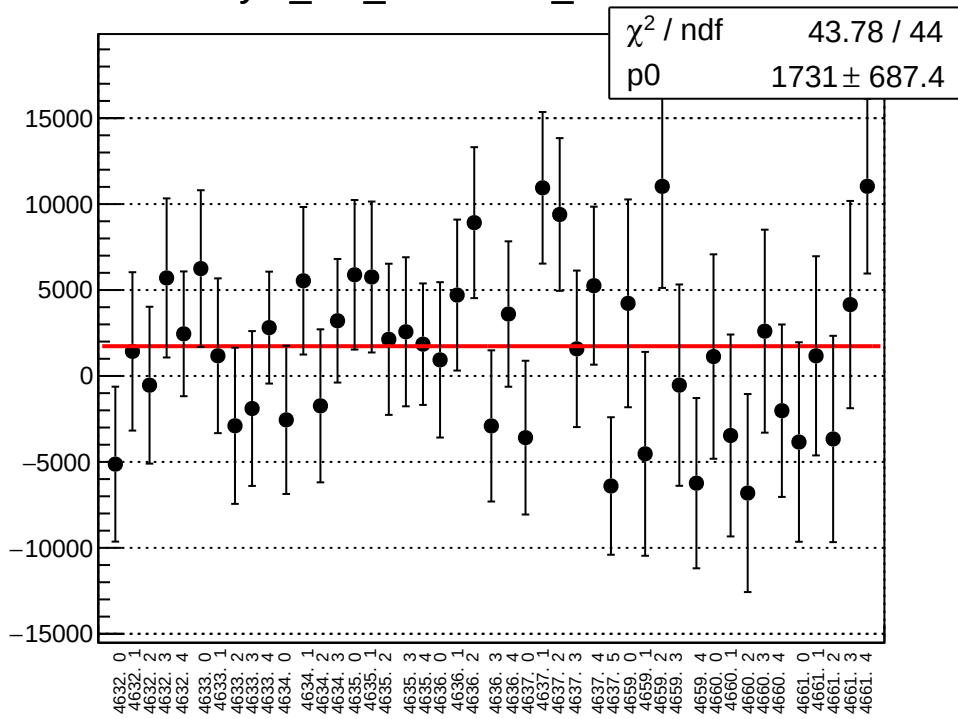
reg_asym_usr_mean vs run



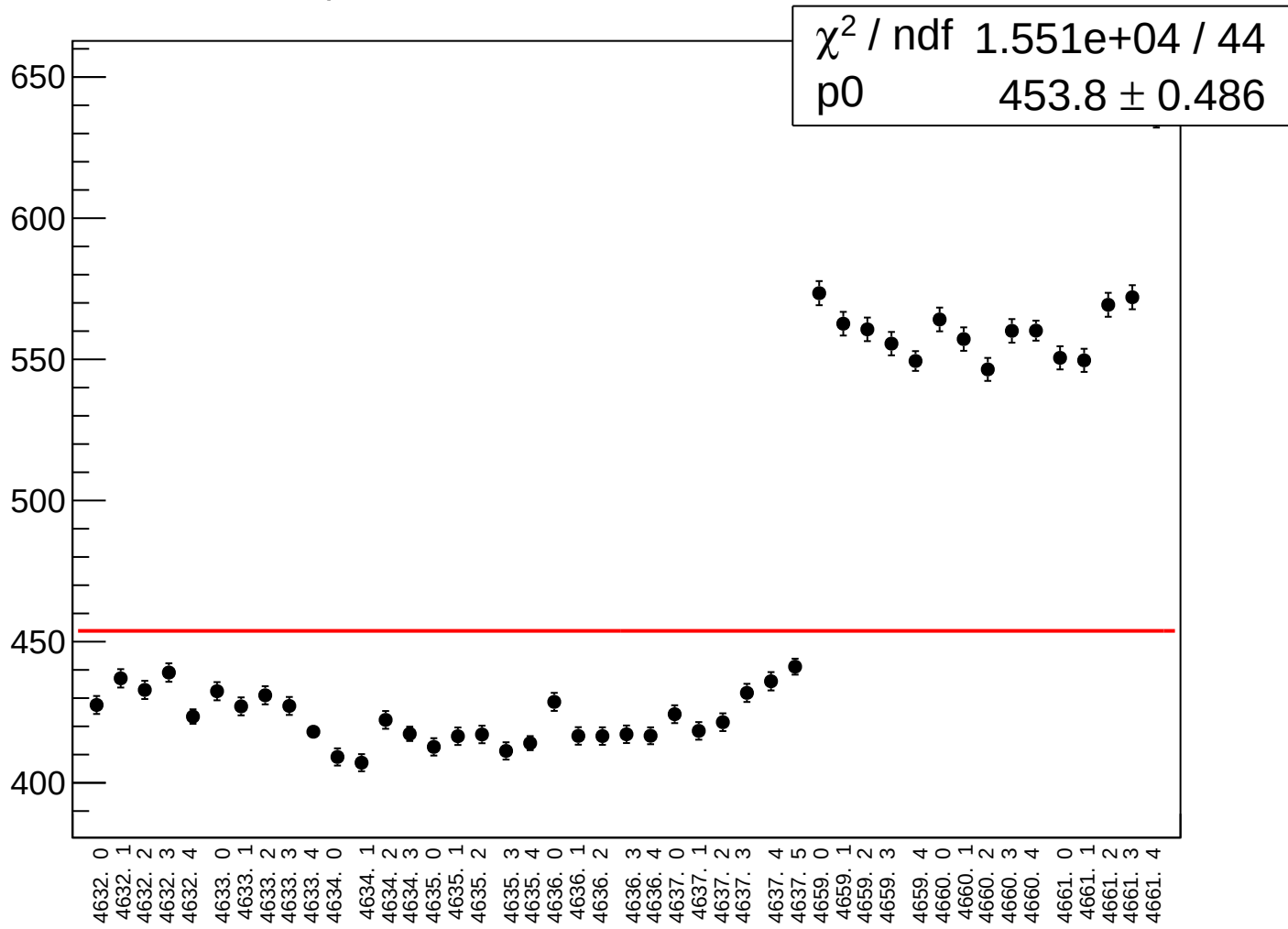
reg_asym_usr_rms vs run



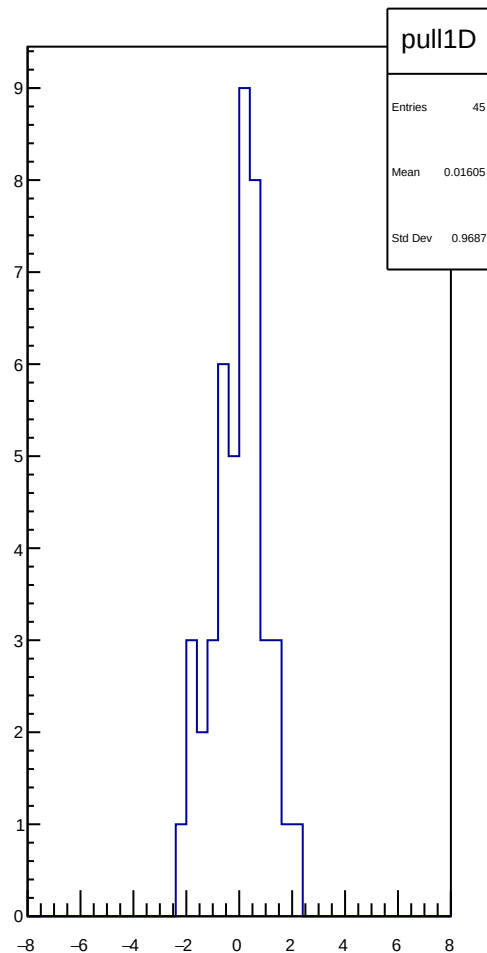
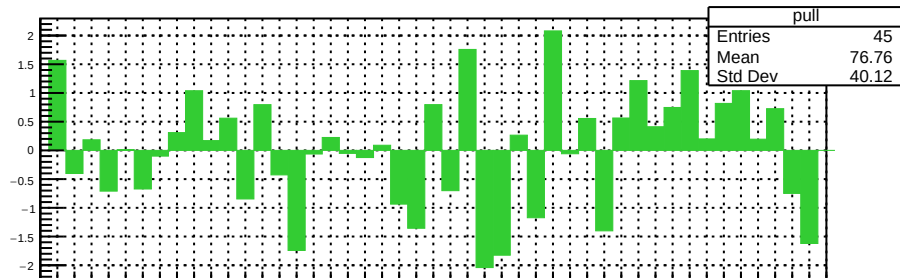
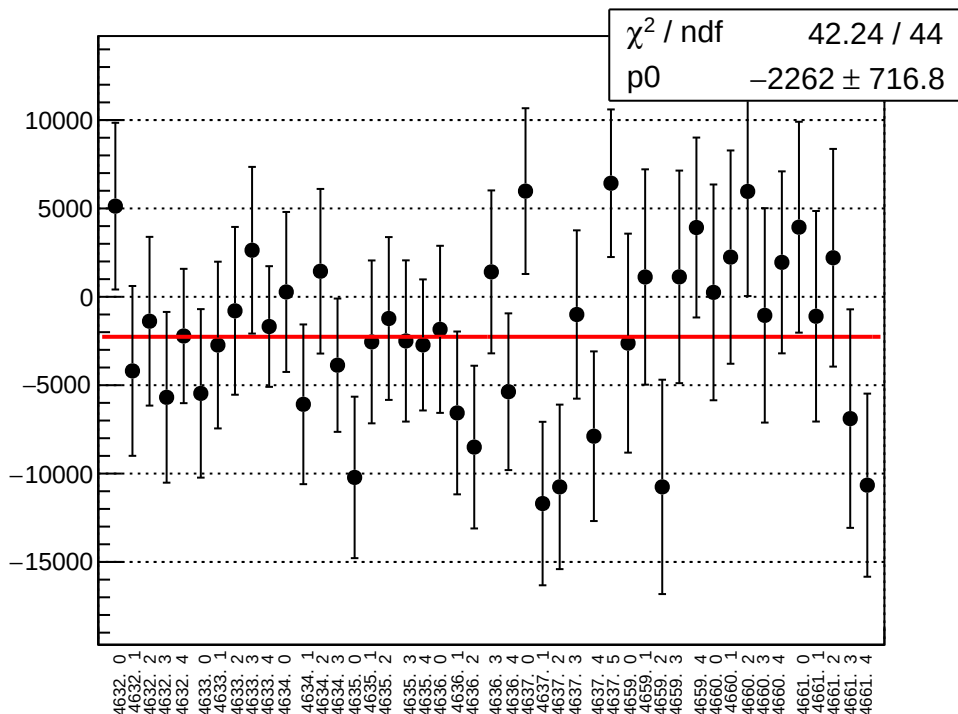
asym_usr_correction_mean vs run



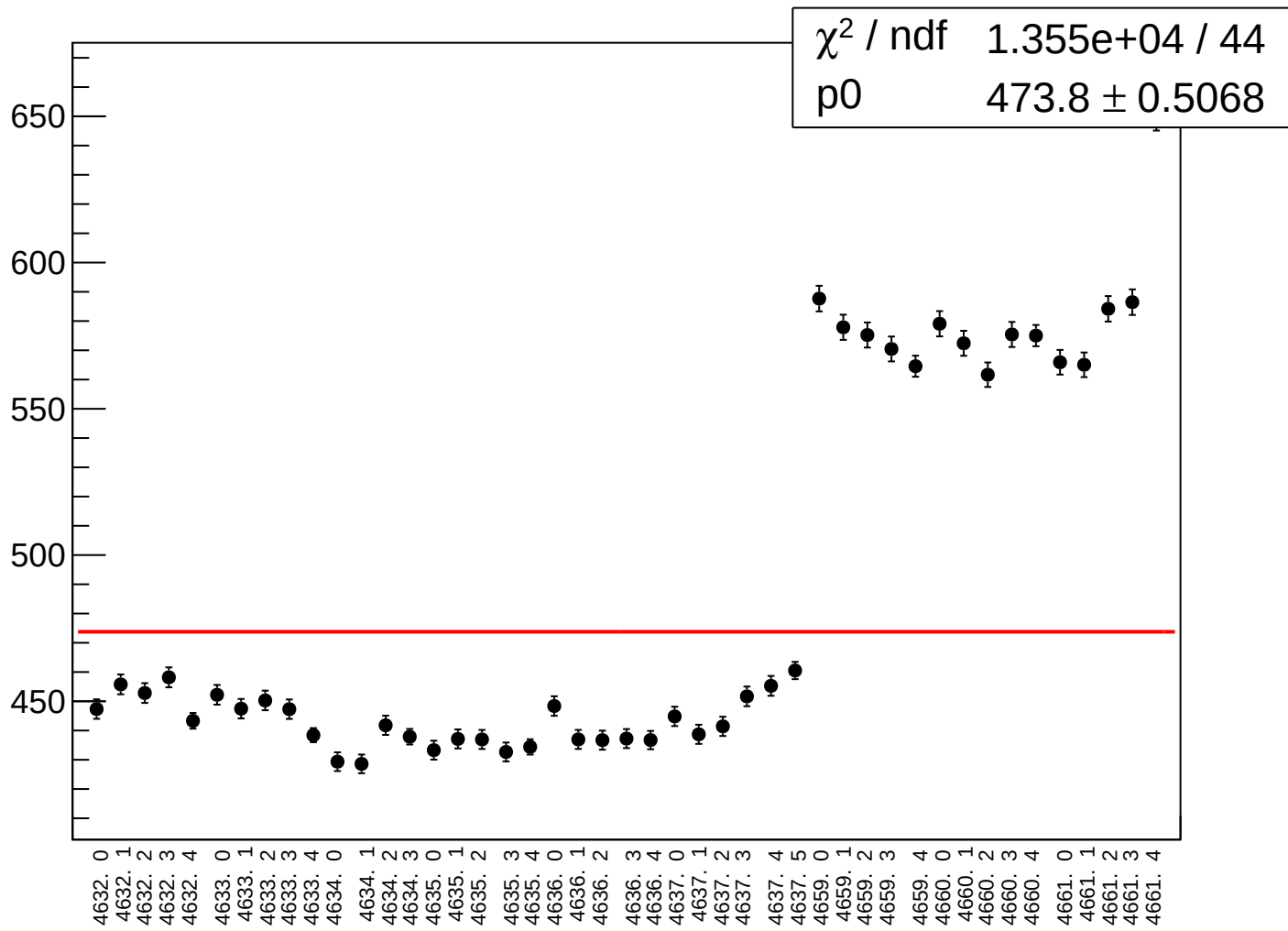
asym_usr_correction_rms vs run



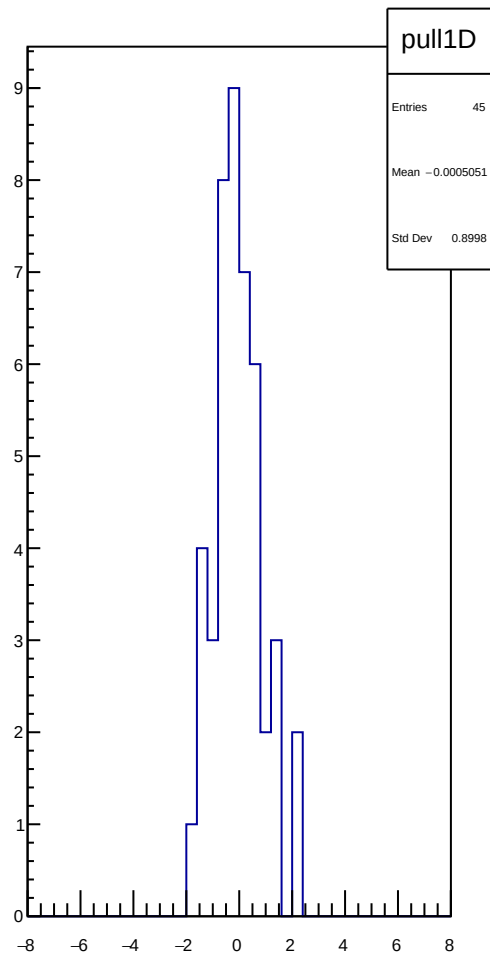
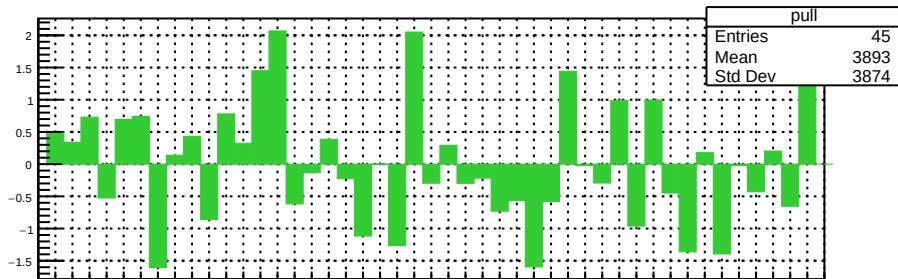
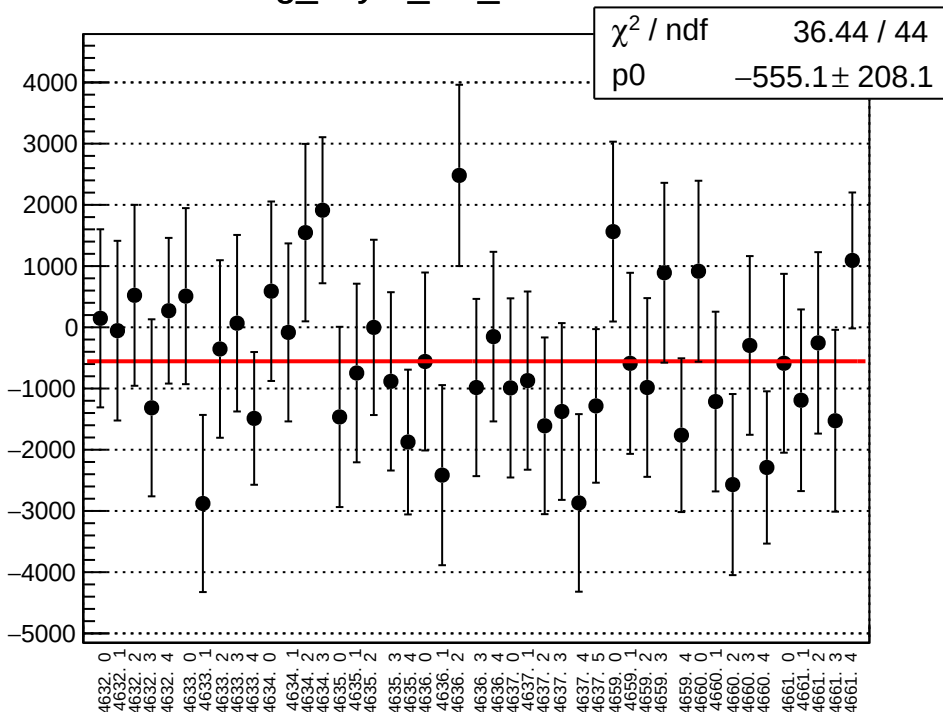
asym_usr_mean vs run



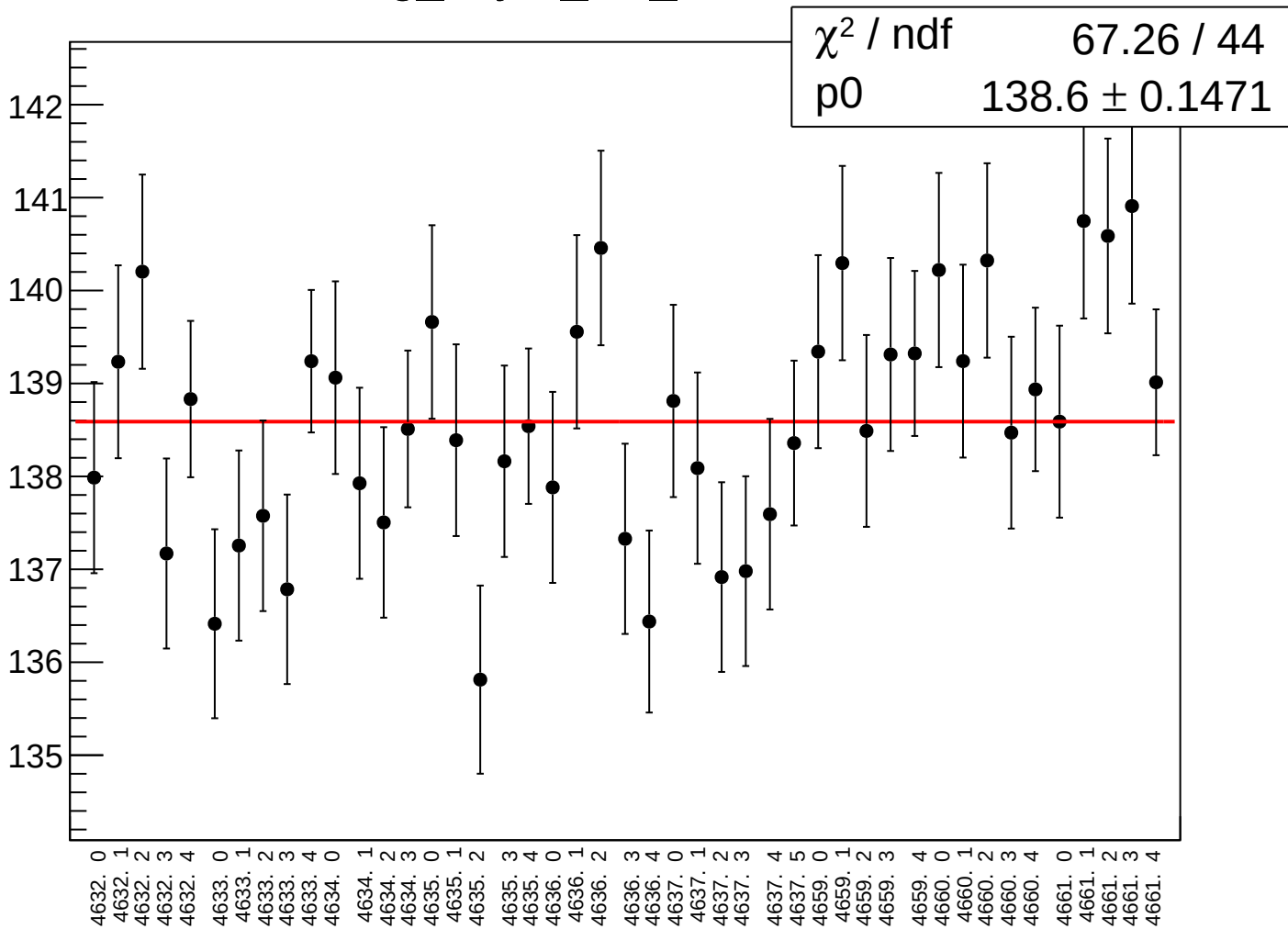
asym_usr_rms vs run



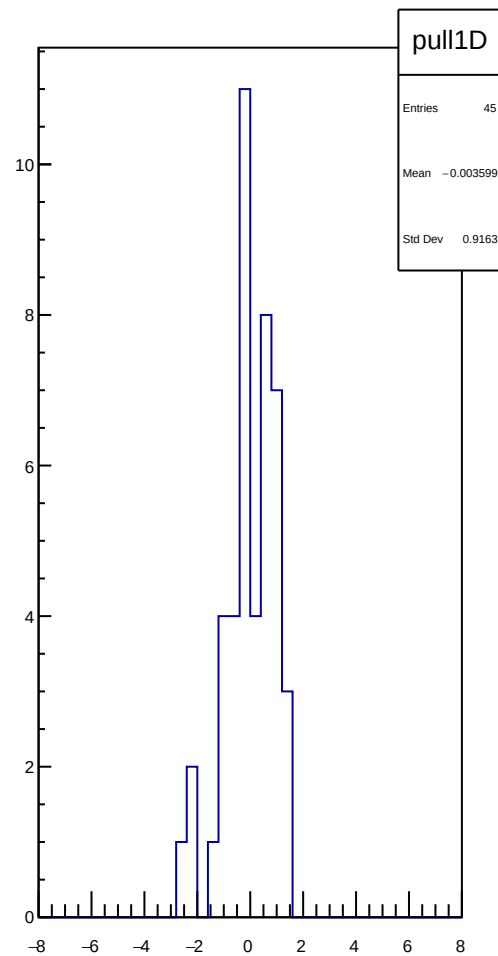
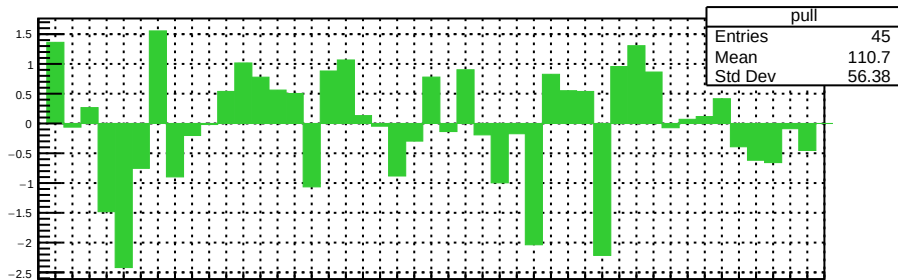
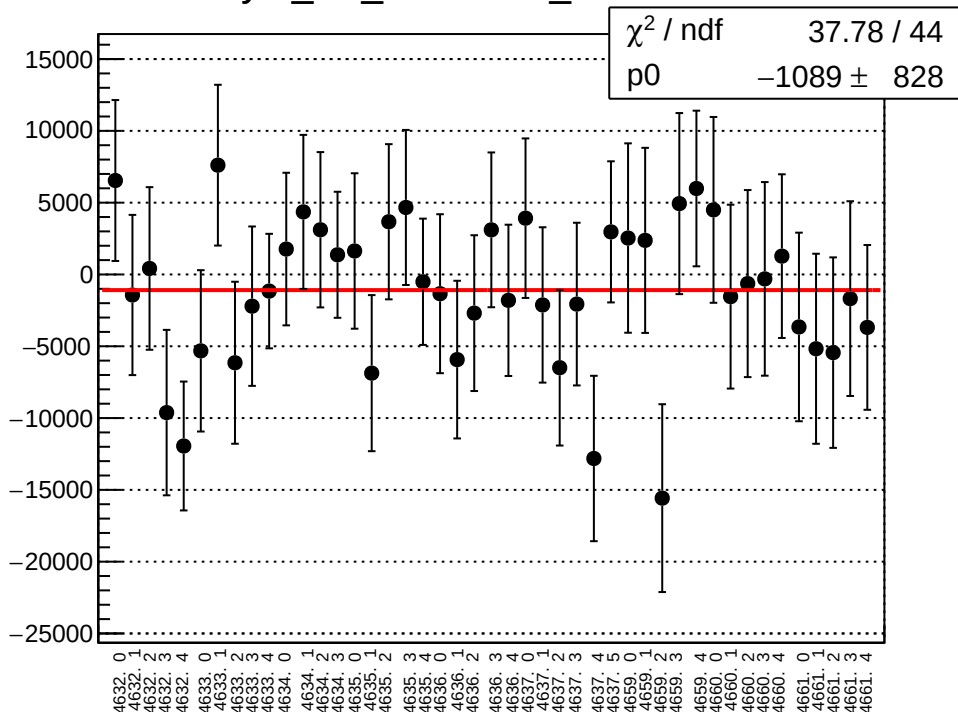
reg_asym_dsl_mean vs run



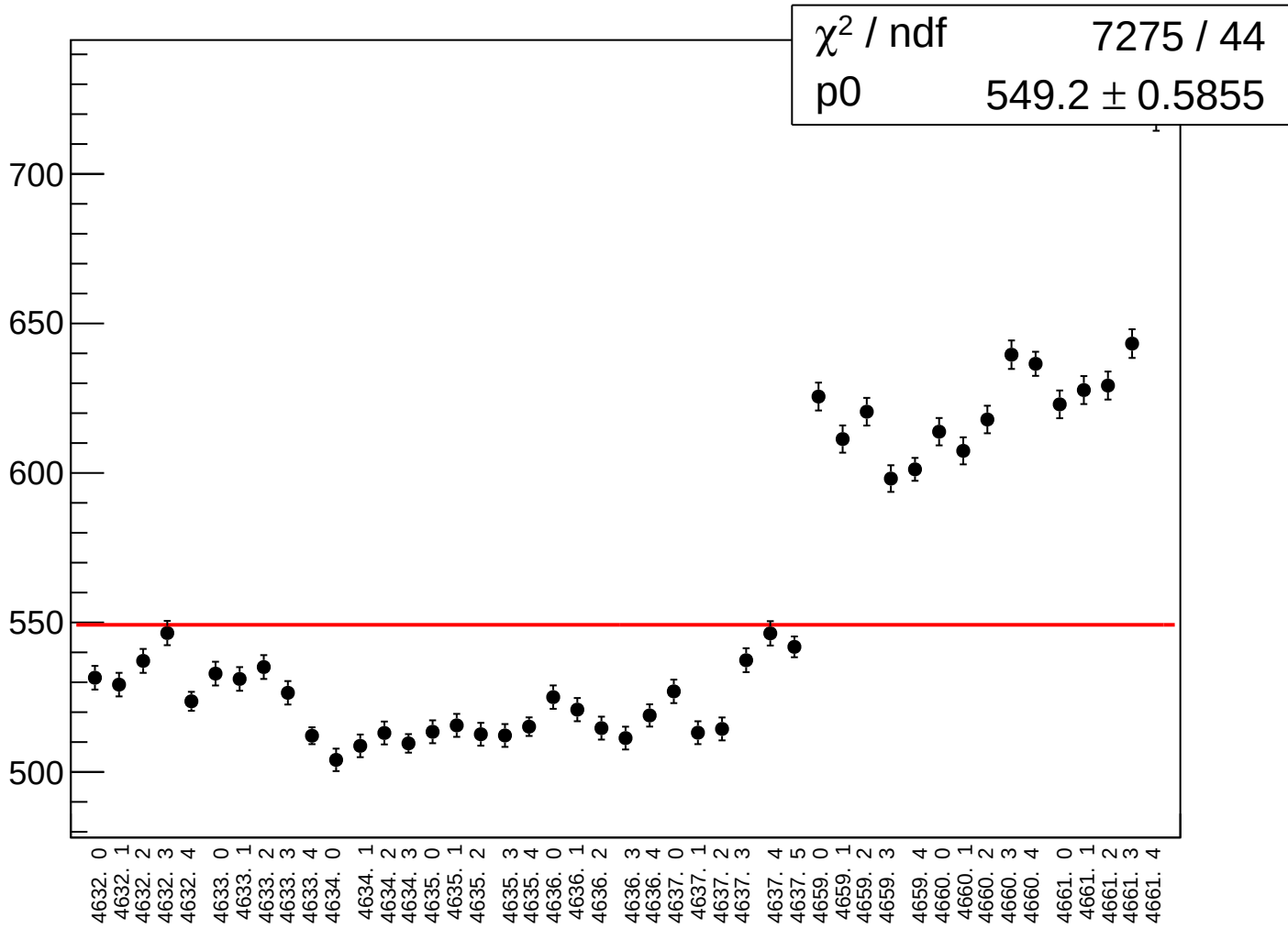
reg_asym_dsl_rms vs run



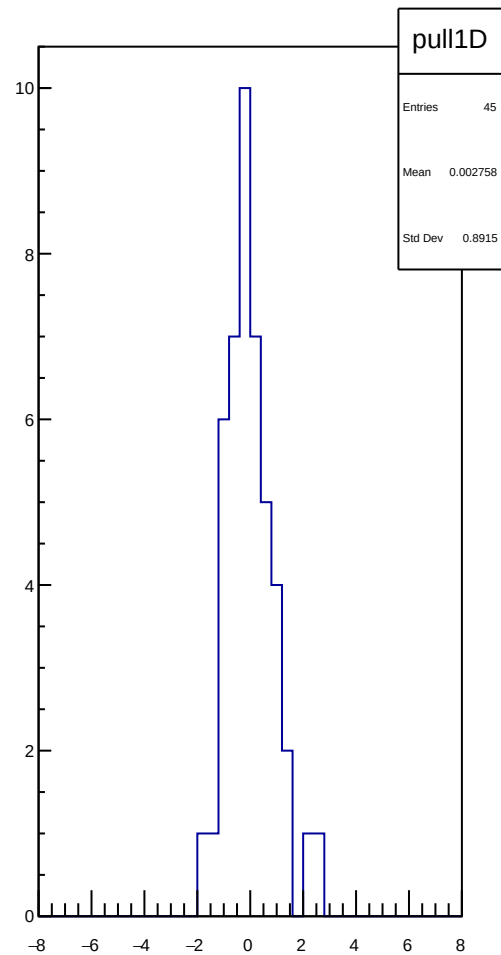
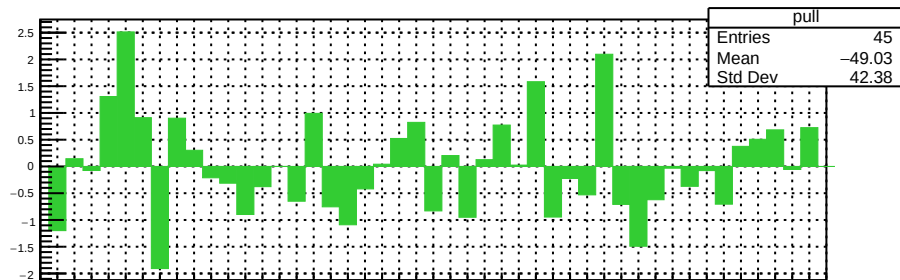
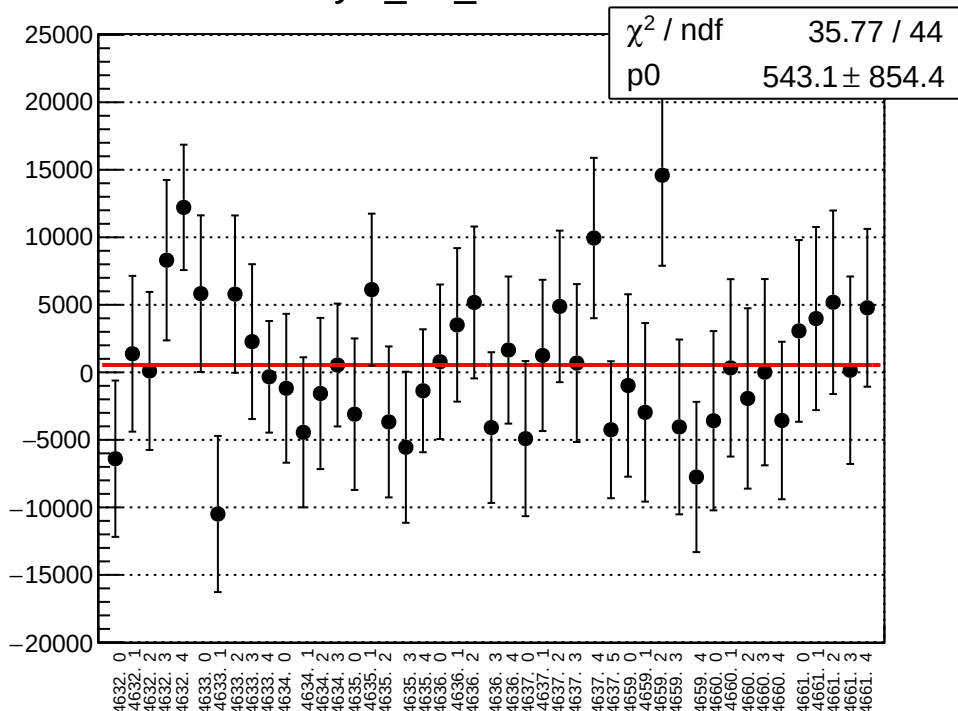
asym_dsl_correction_mean vs run



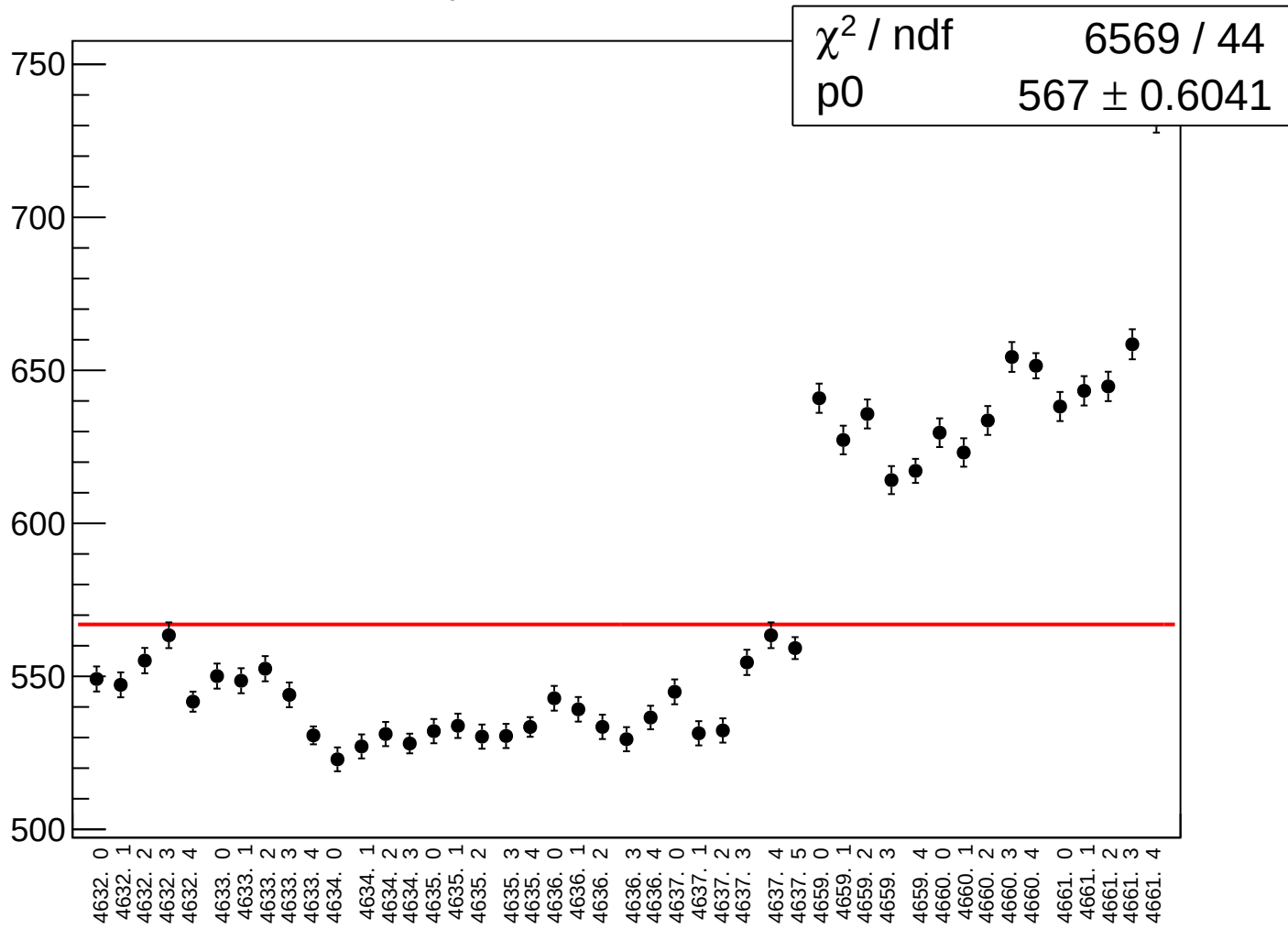
asym_dsl_correction_rms vs run



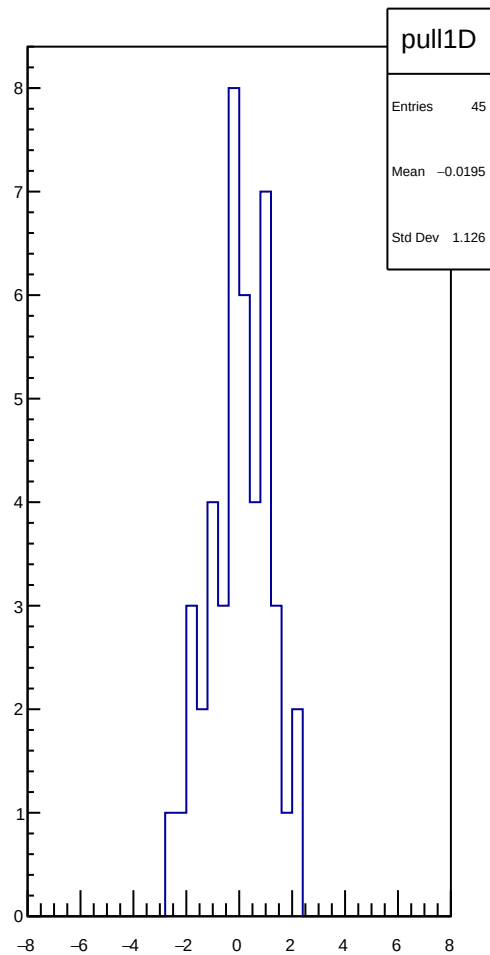
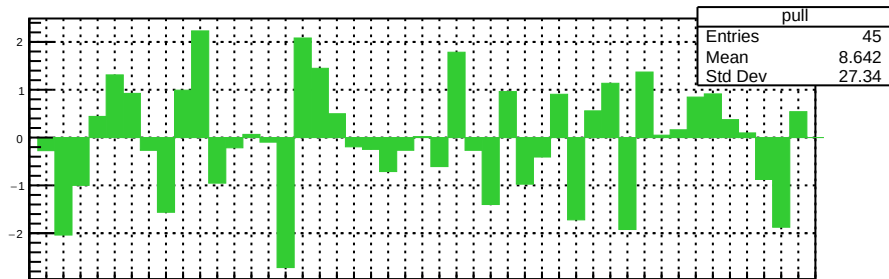
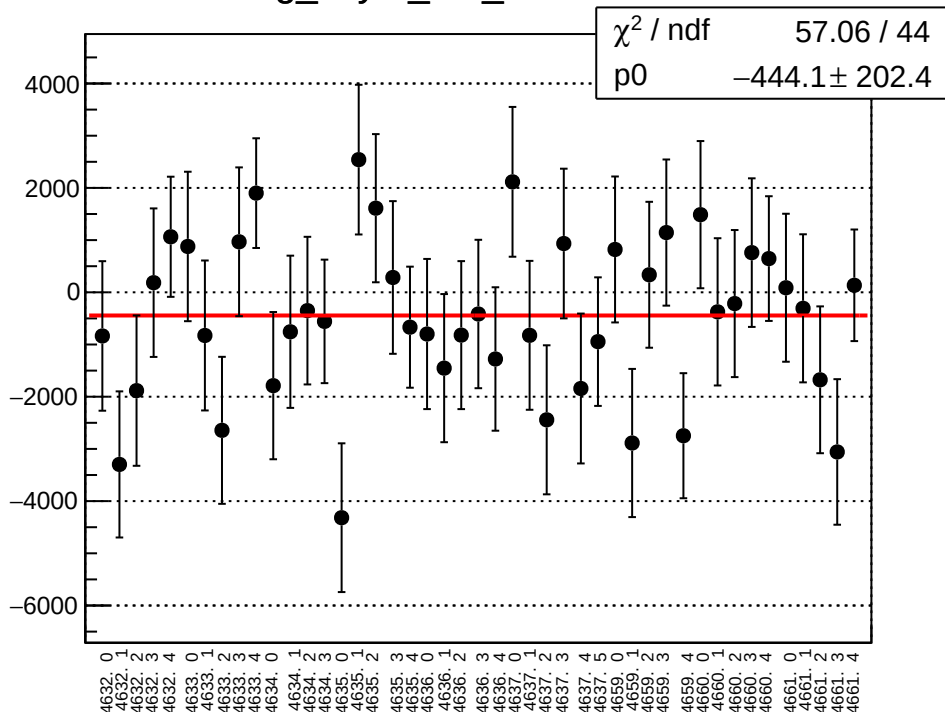
asym_dsl_mean vs run



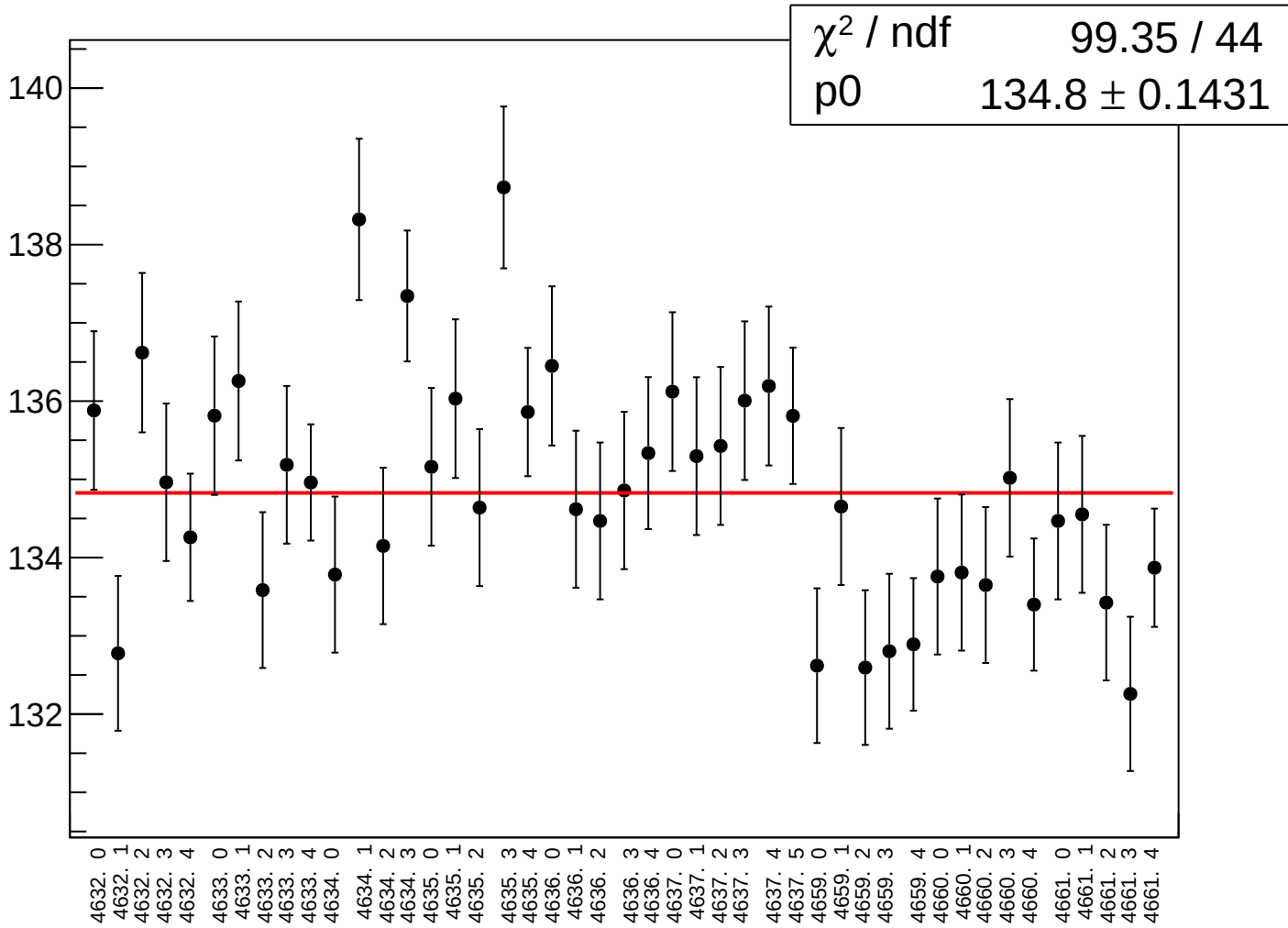
asym_dsl_rms vs run



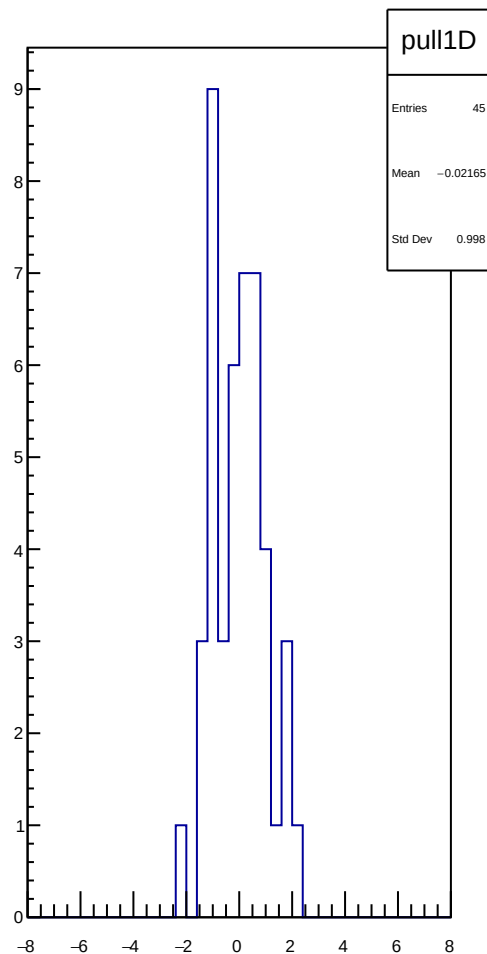
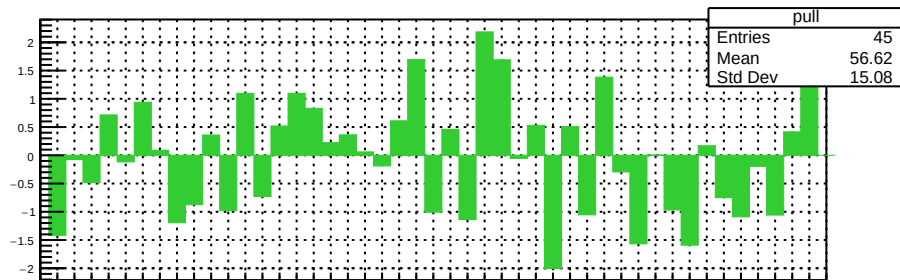
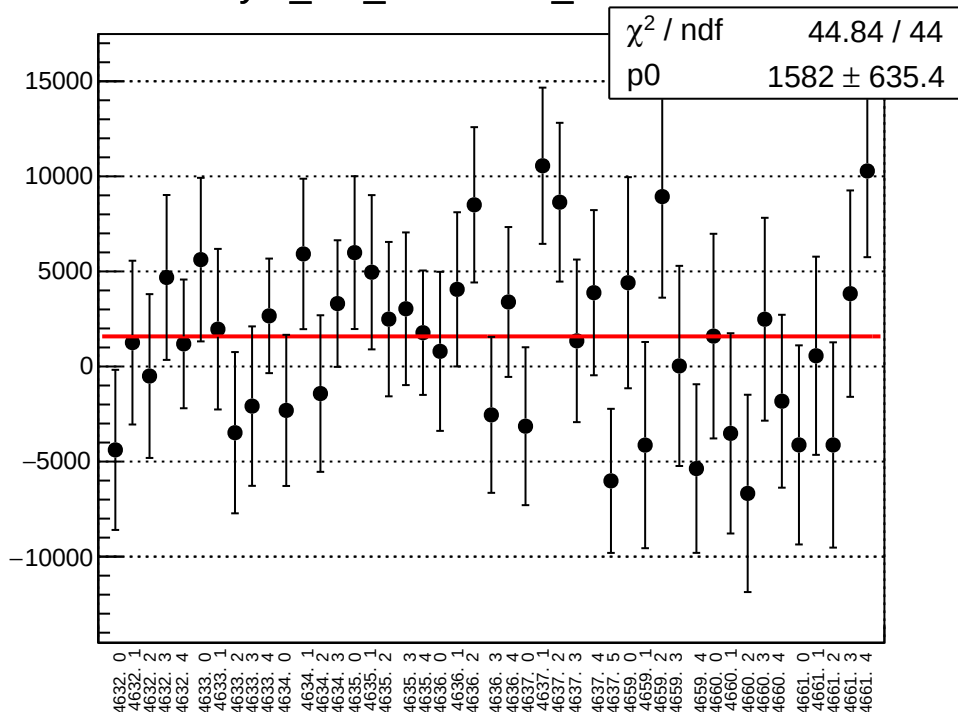
reg_asym_dsr_mean vs run



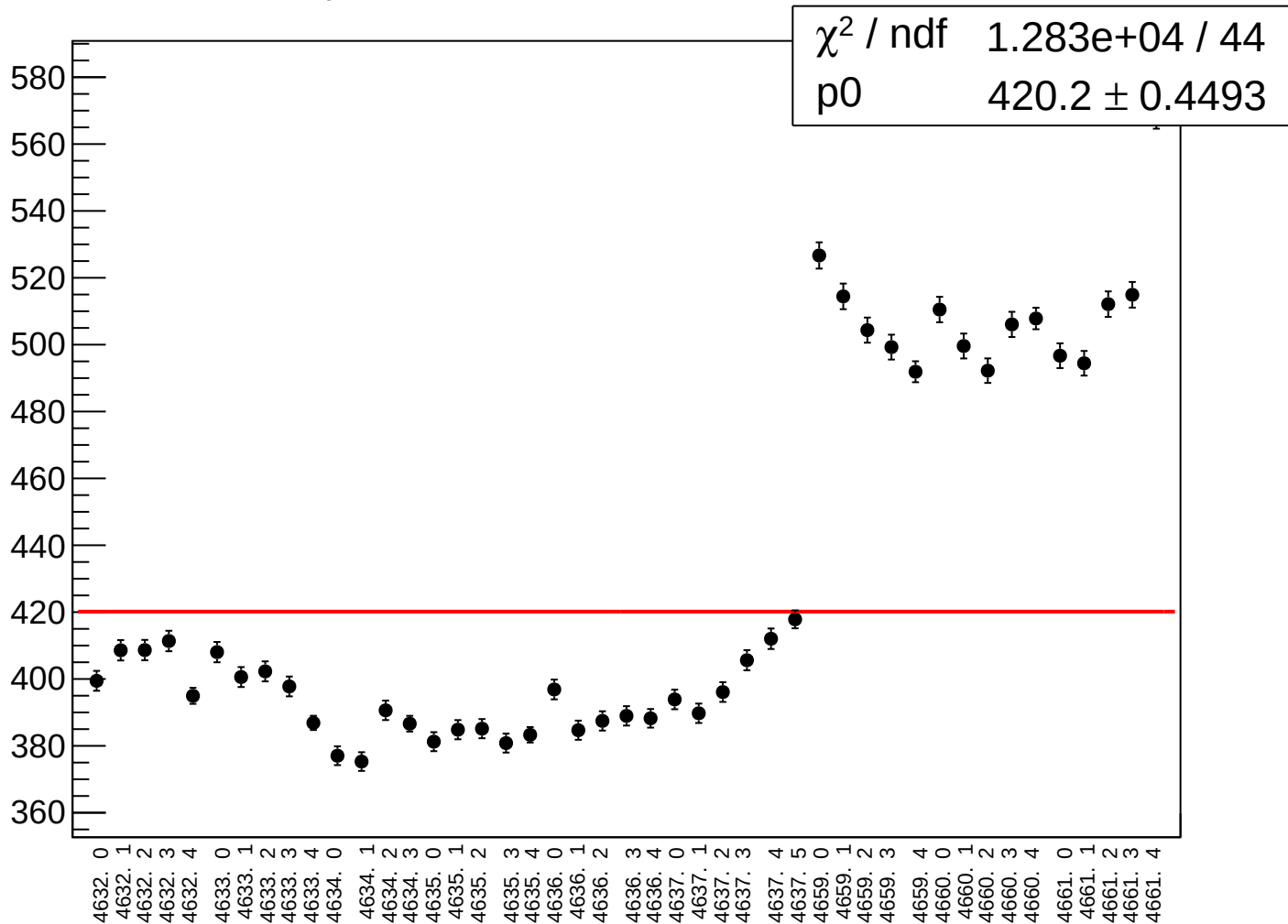
reg_asym_dsr_rms vs run



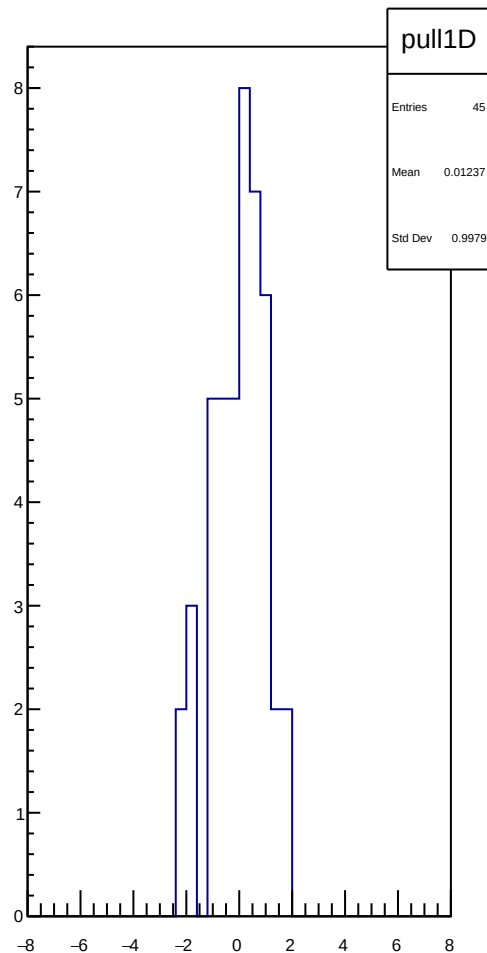
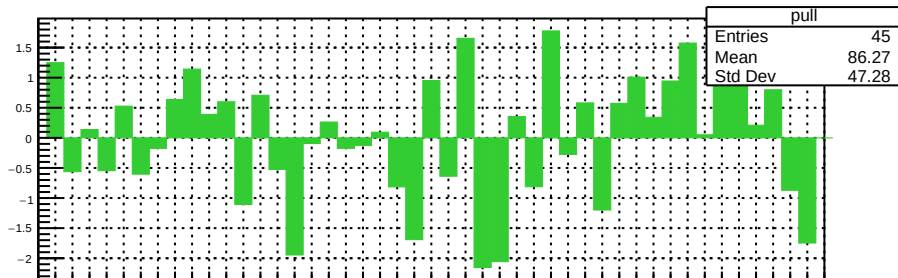
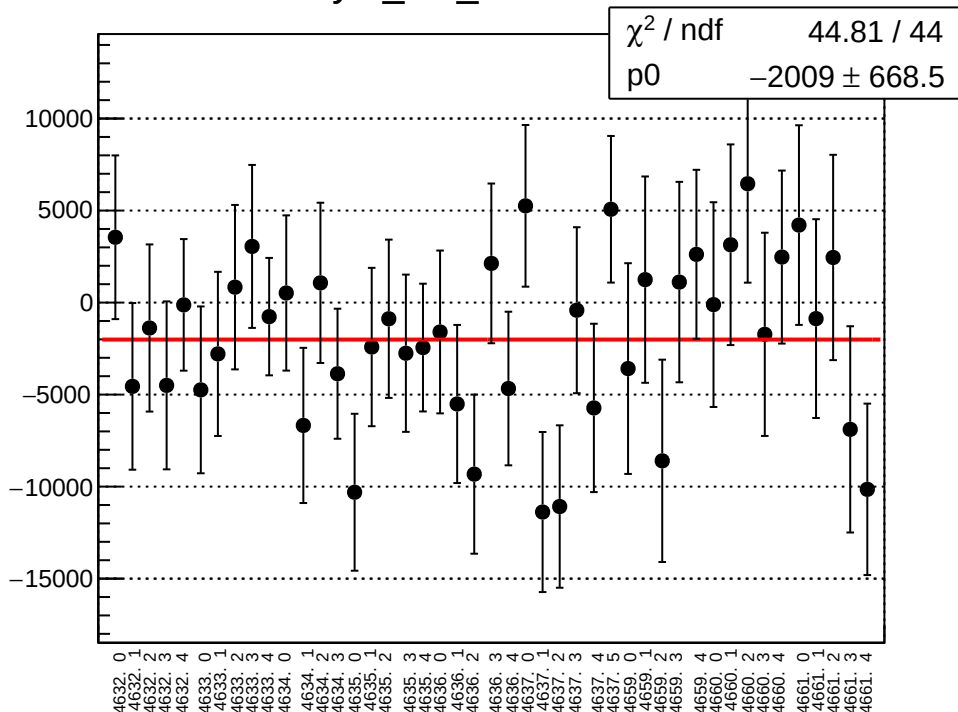
asym_dsr_correction_mean vs run



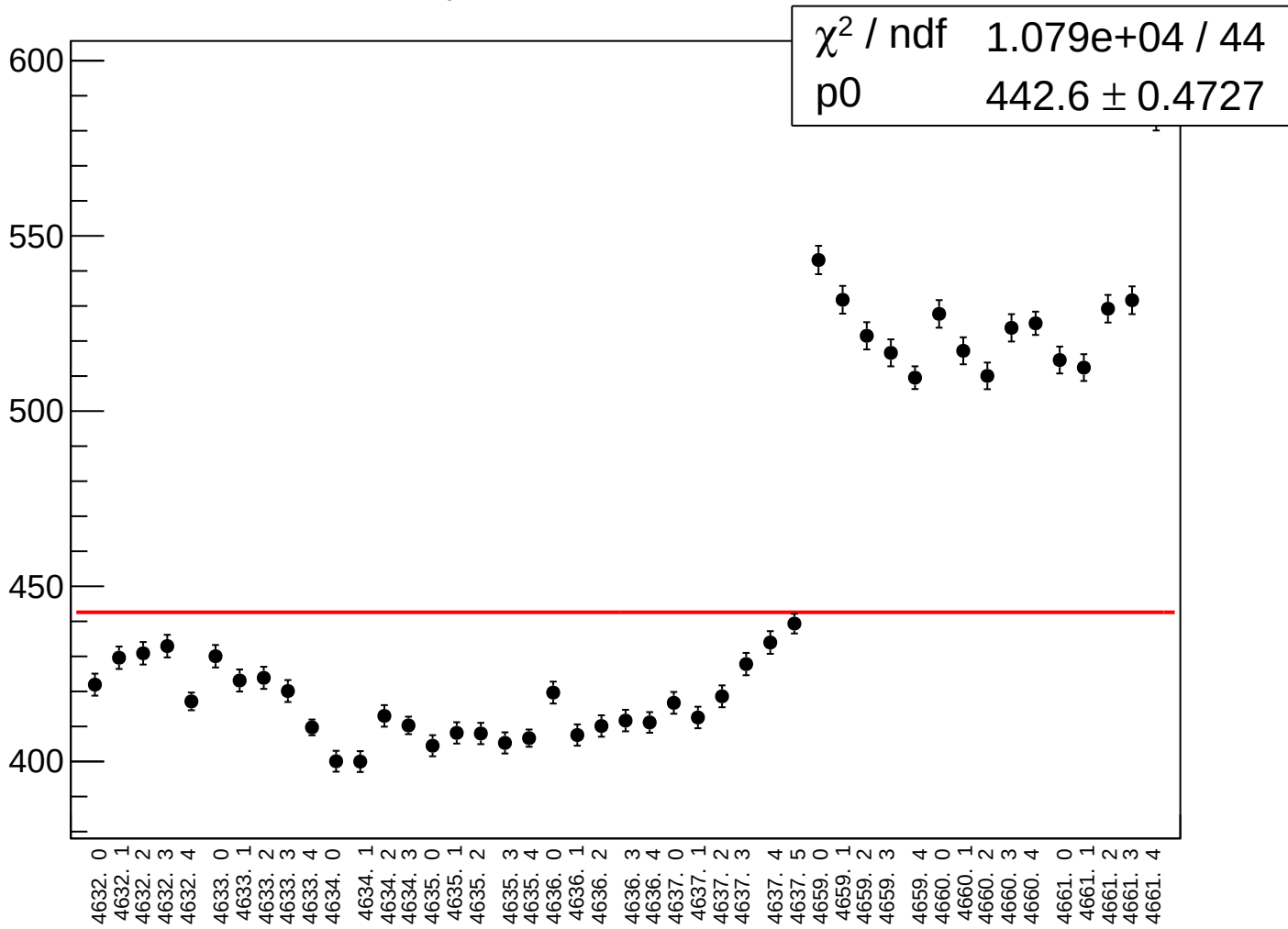
asym_dsr_correction_rms vs run



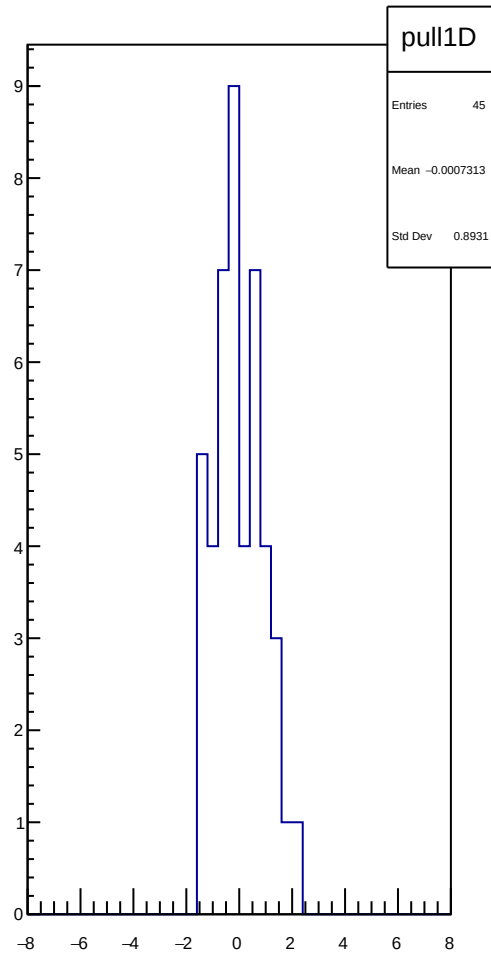
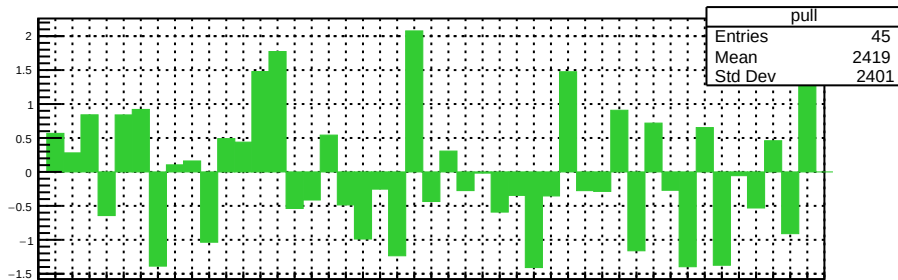
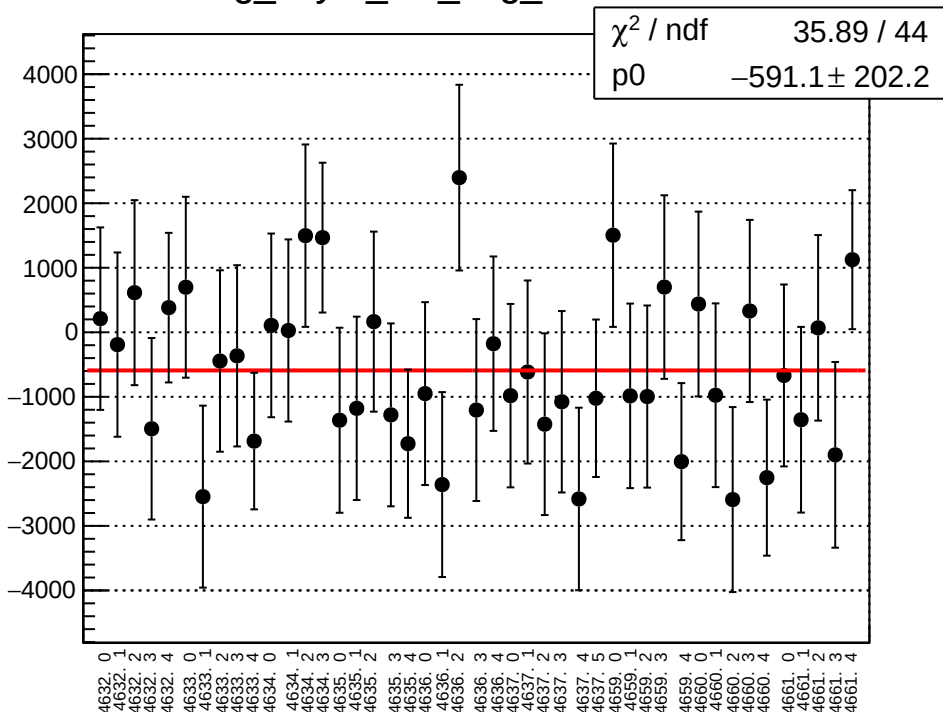
asym_dsr_mean vs run



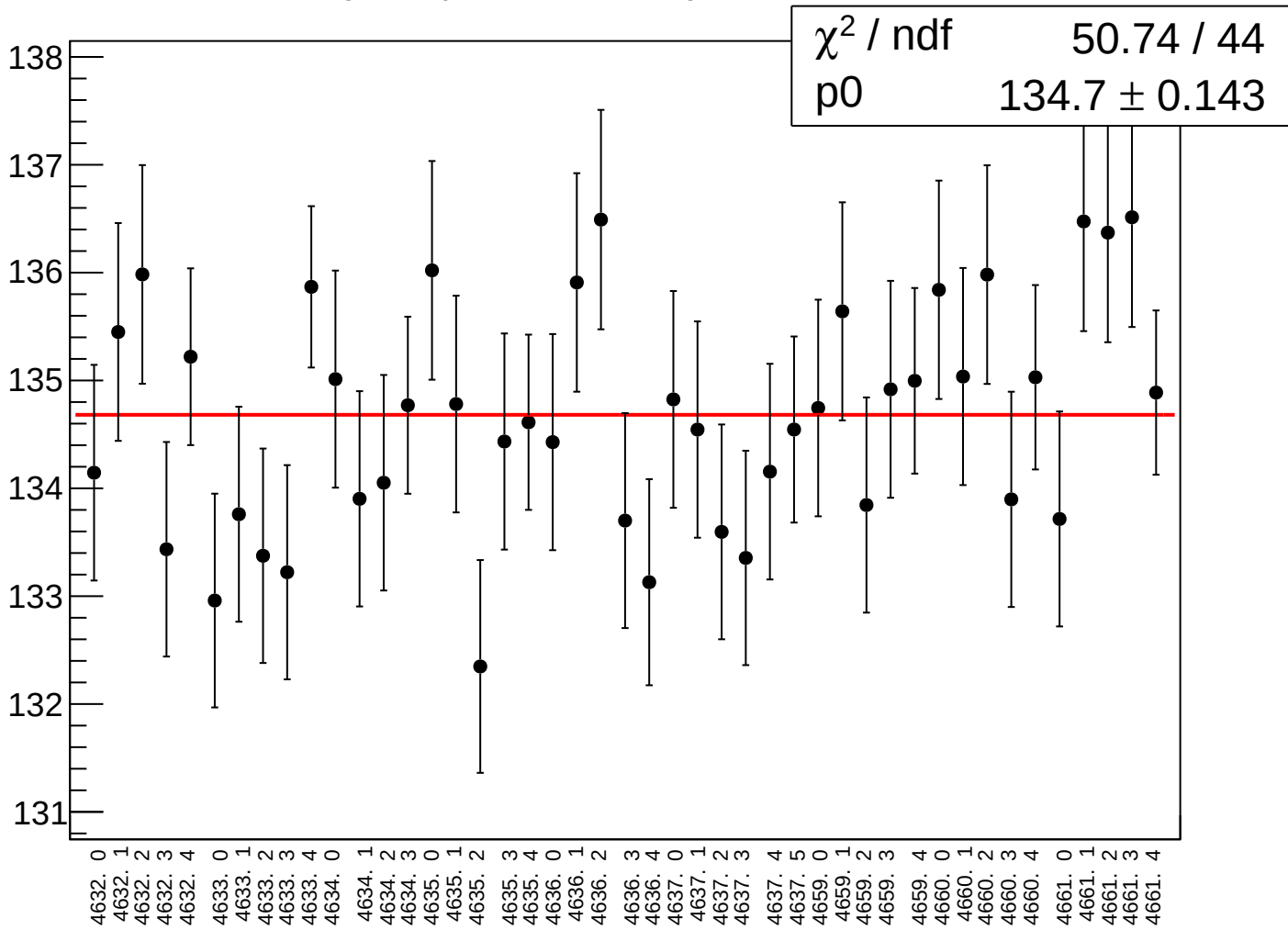
asym_dsr_rms vs run



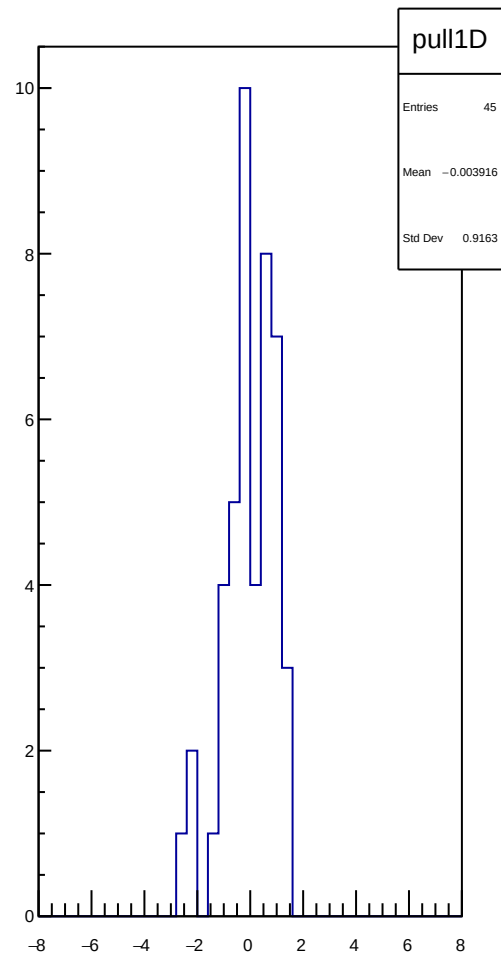
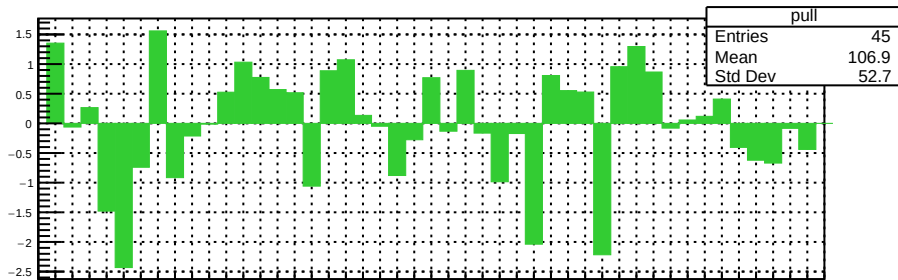
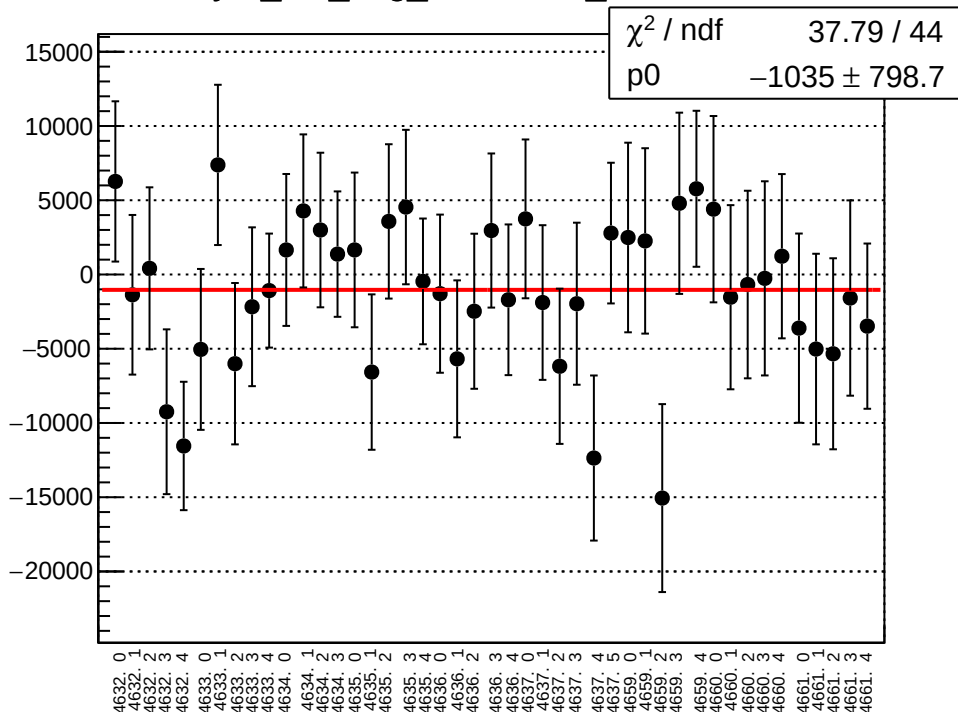
reg_asym_left_avg_mean vs run



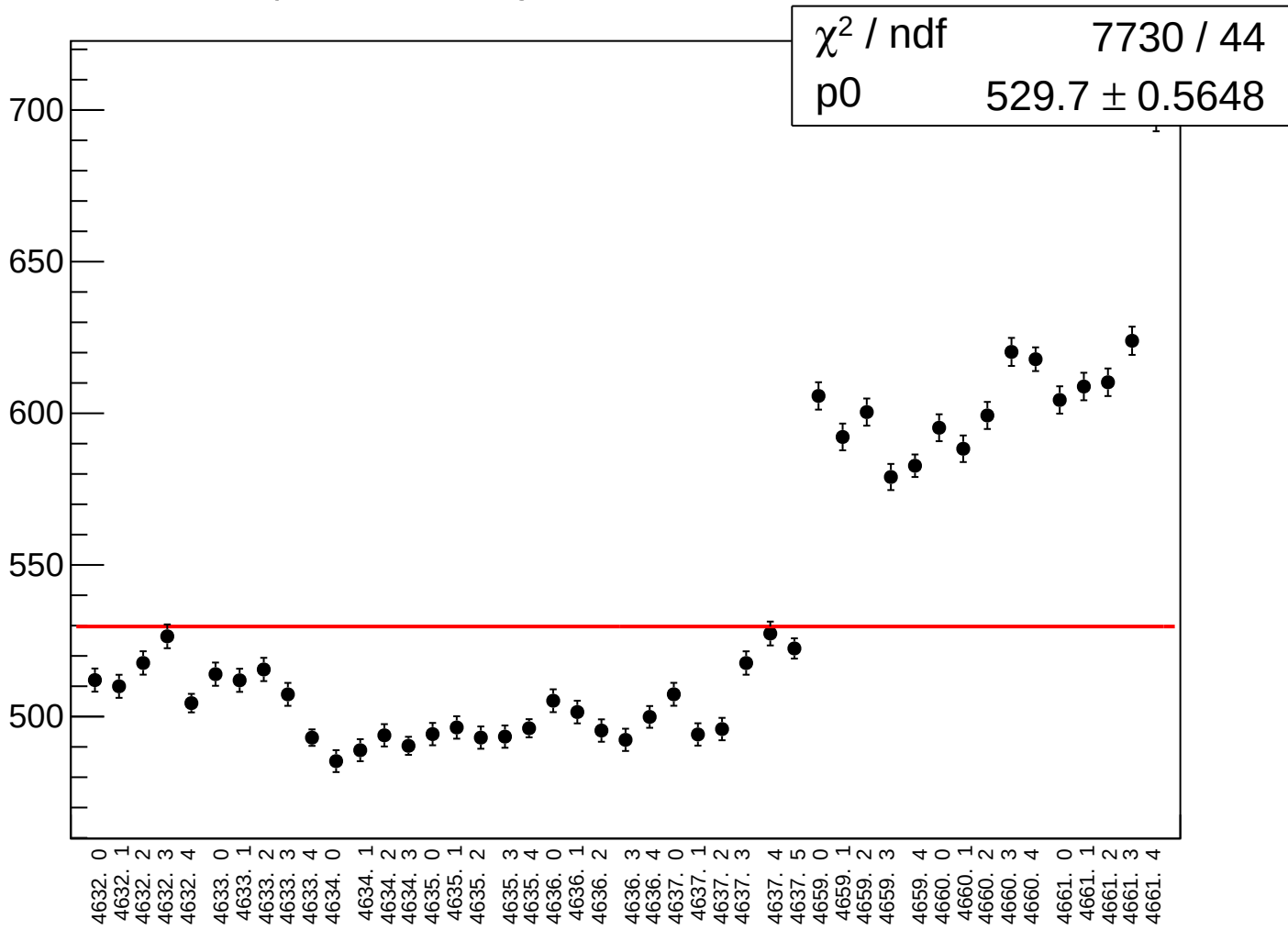
reg_asym_left_avg_rms vs run



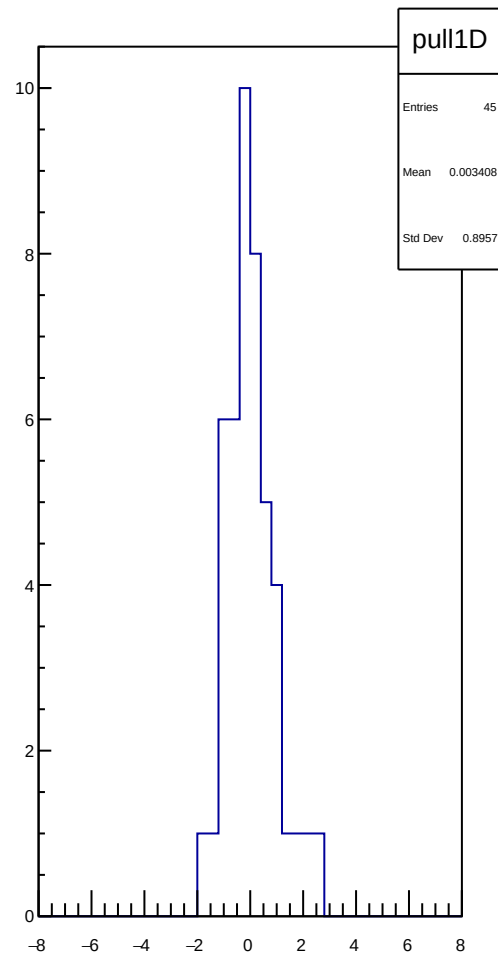
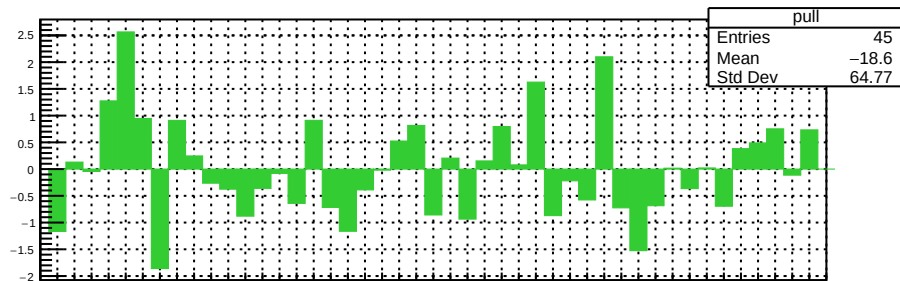
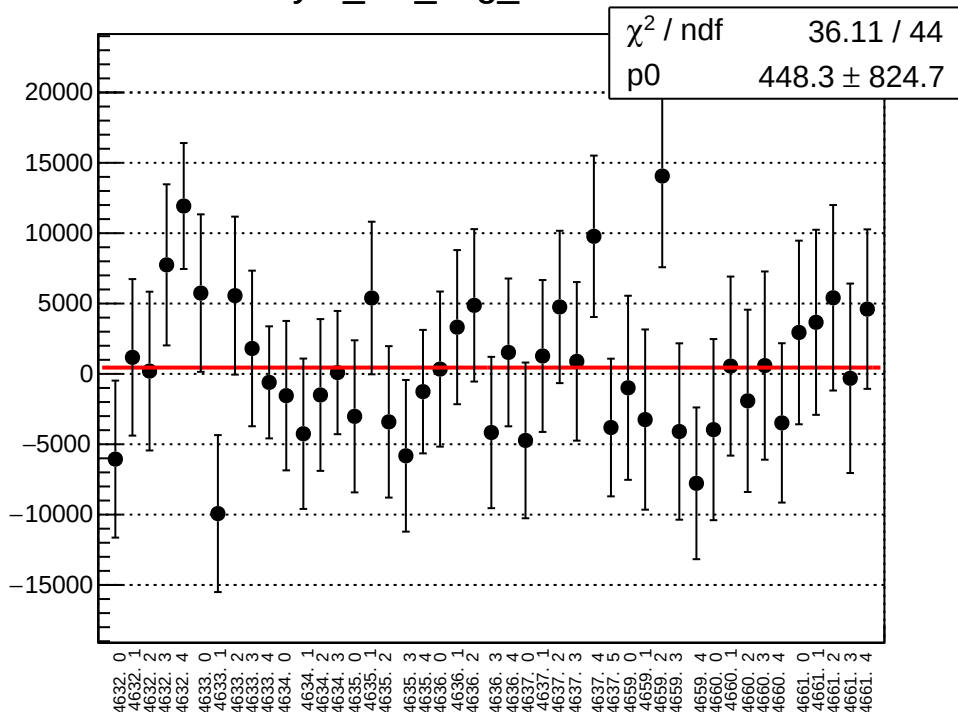
asym_left_avg_correction_mean vs run



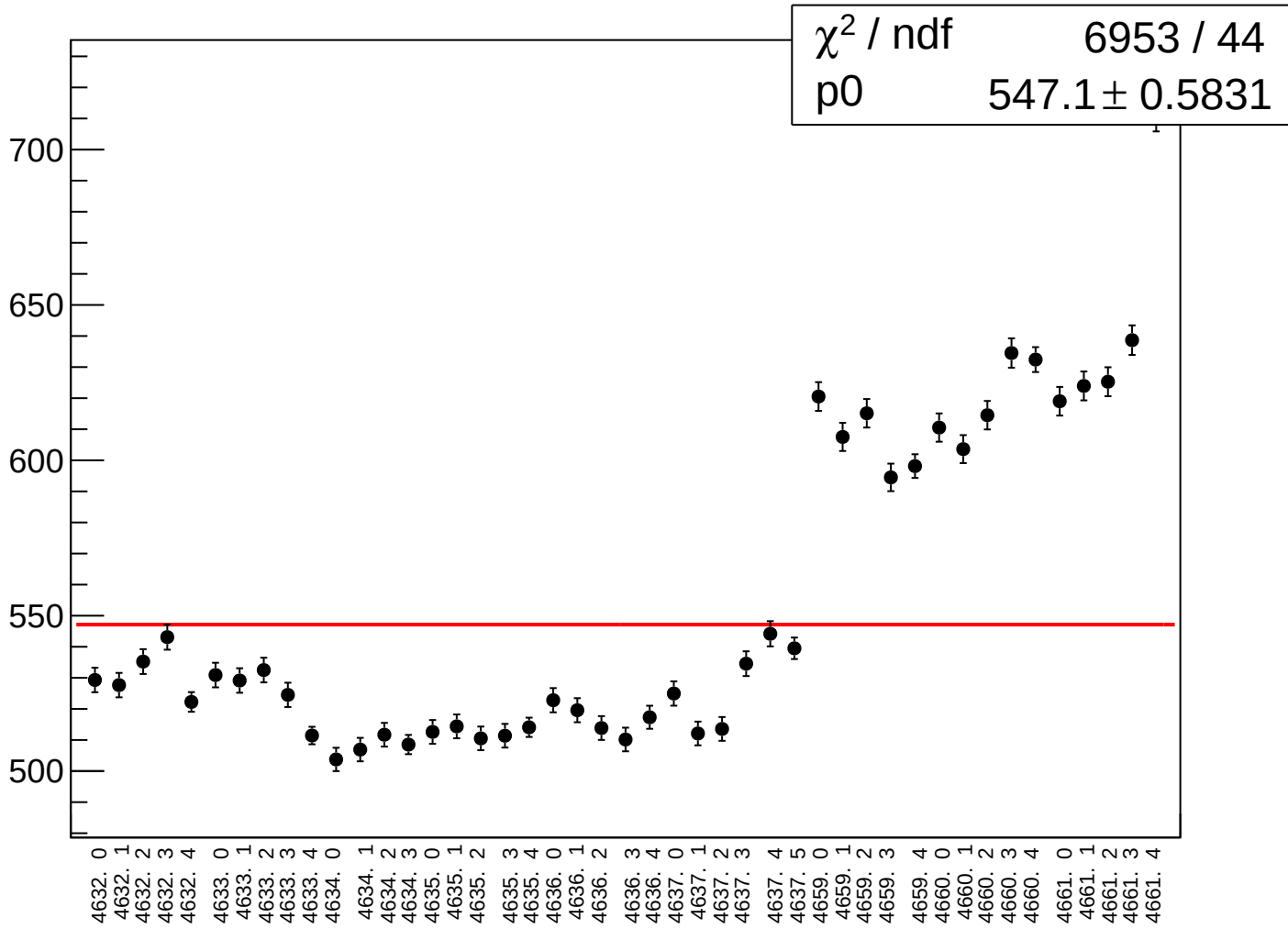
asym_left_avg_correction_rms vs run



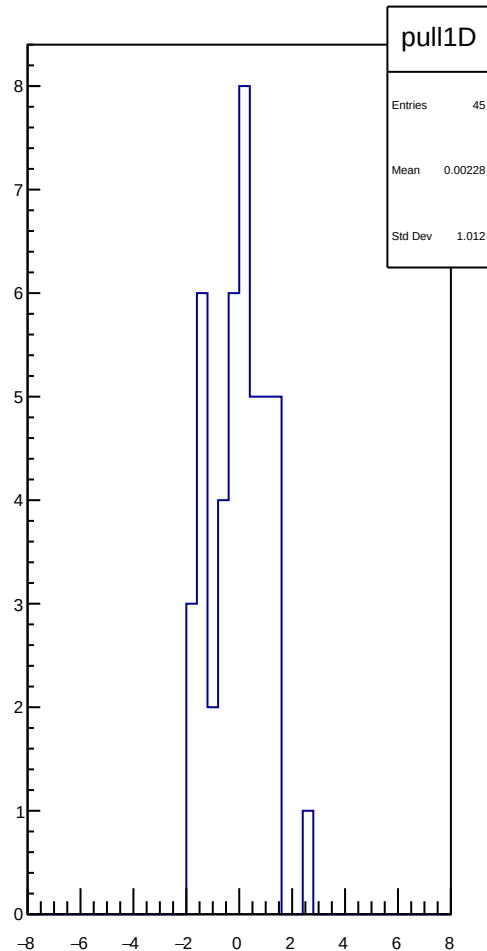
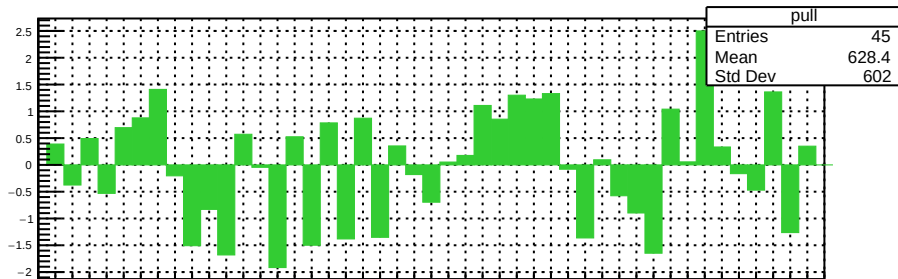
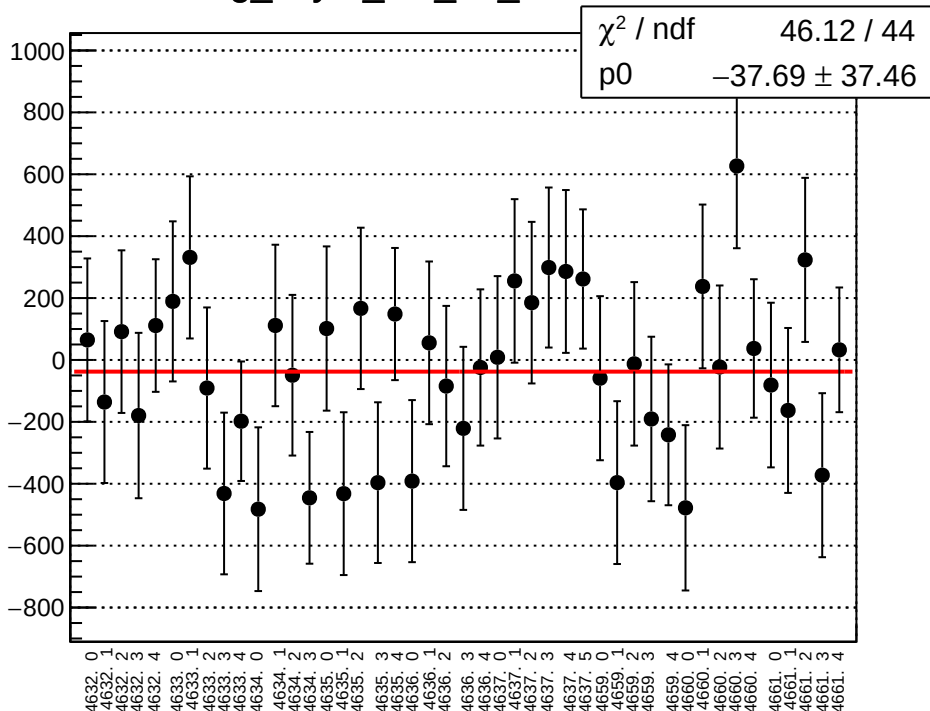
asym_left_avg_mean vs run



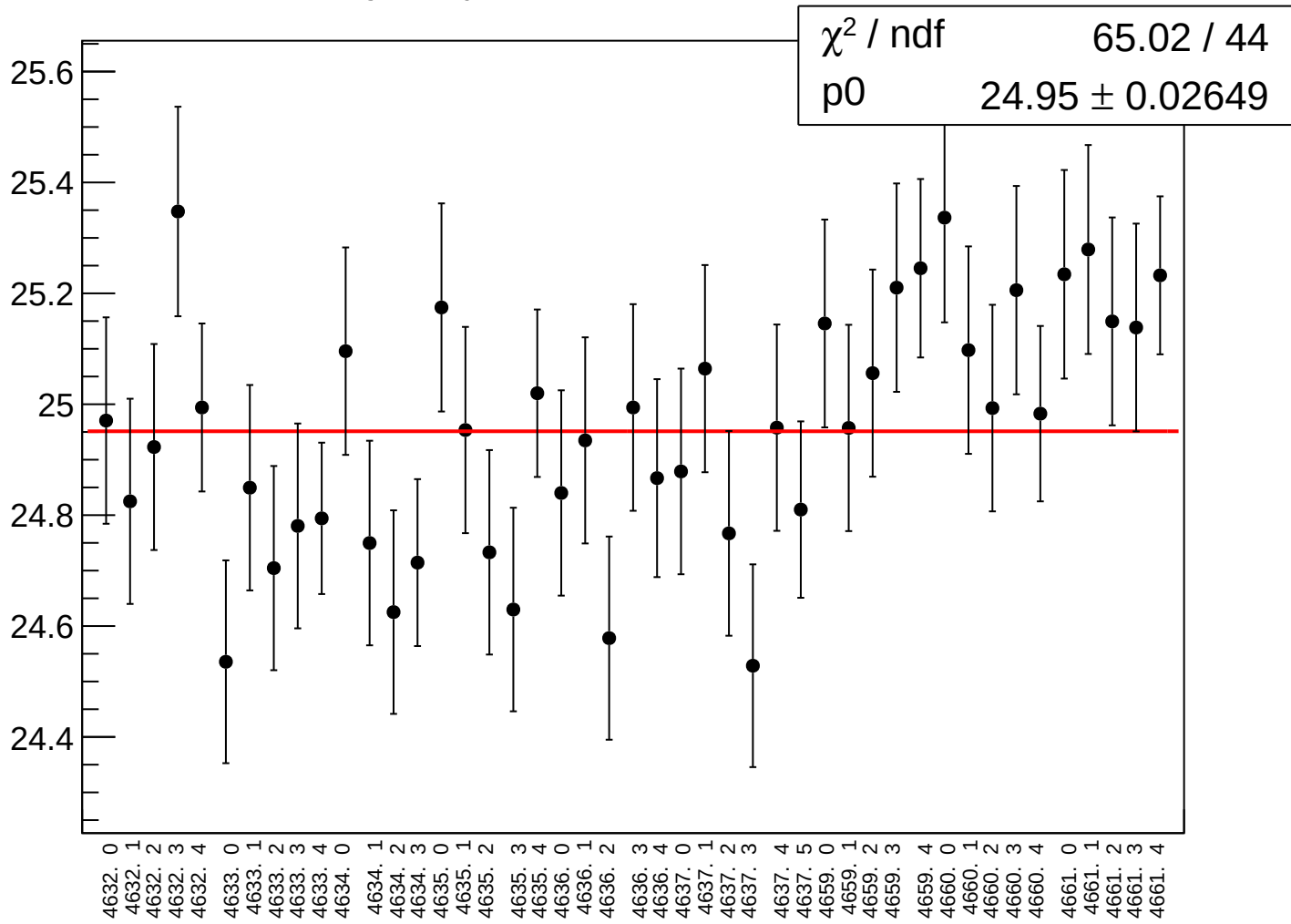
asym_left_avg_rms vs run



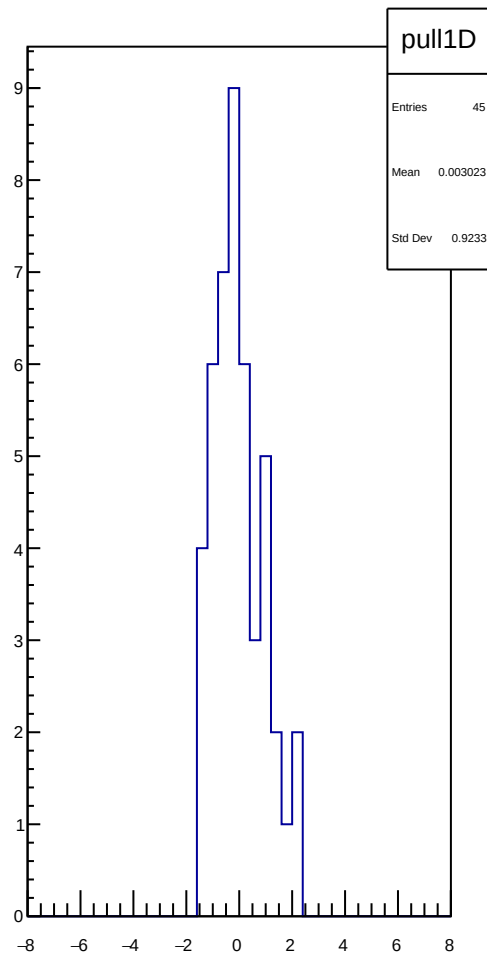
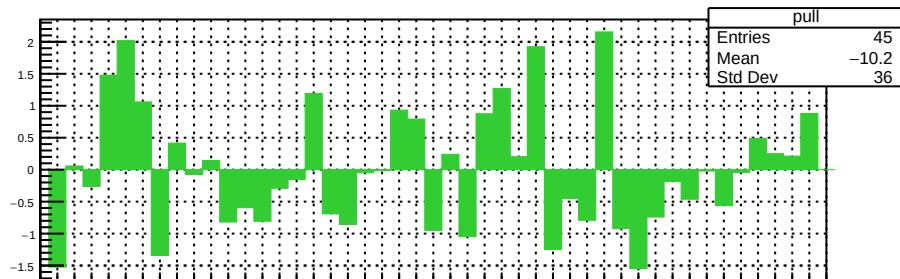
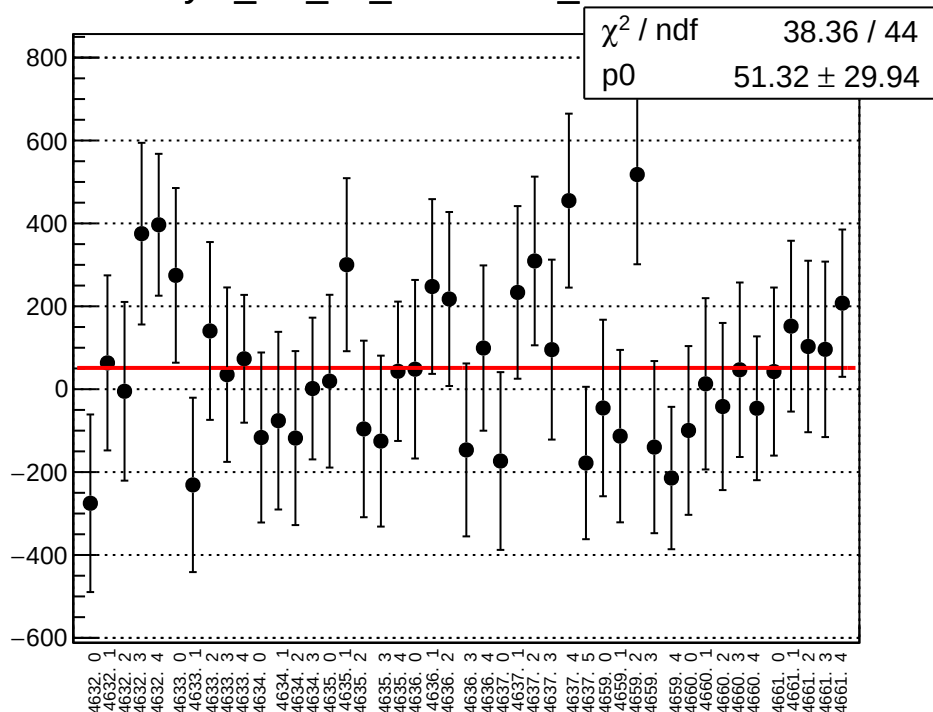
reg_asym_left_dd_mean vs run



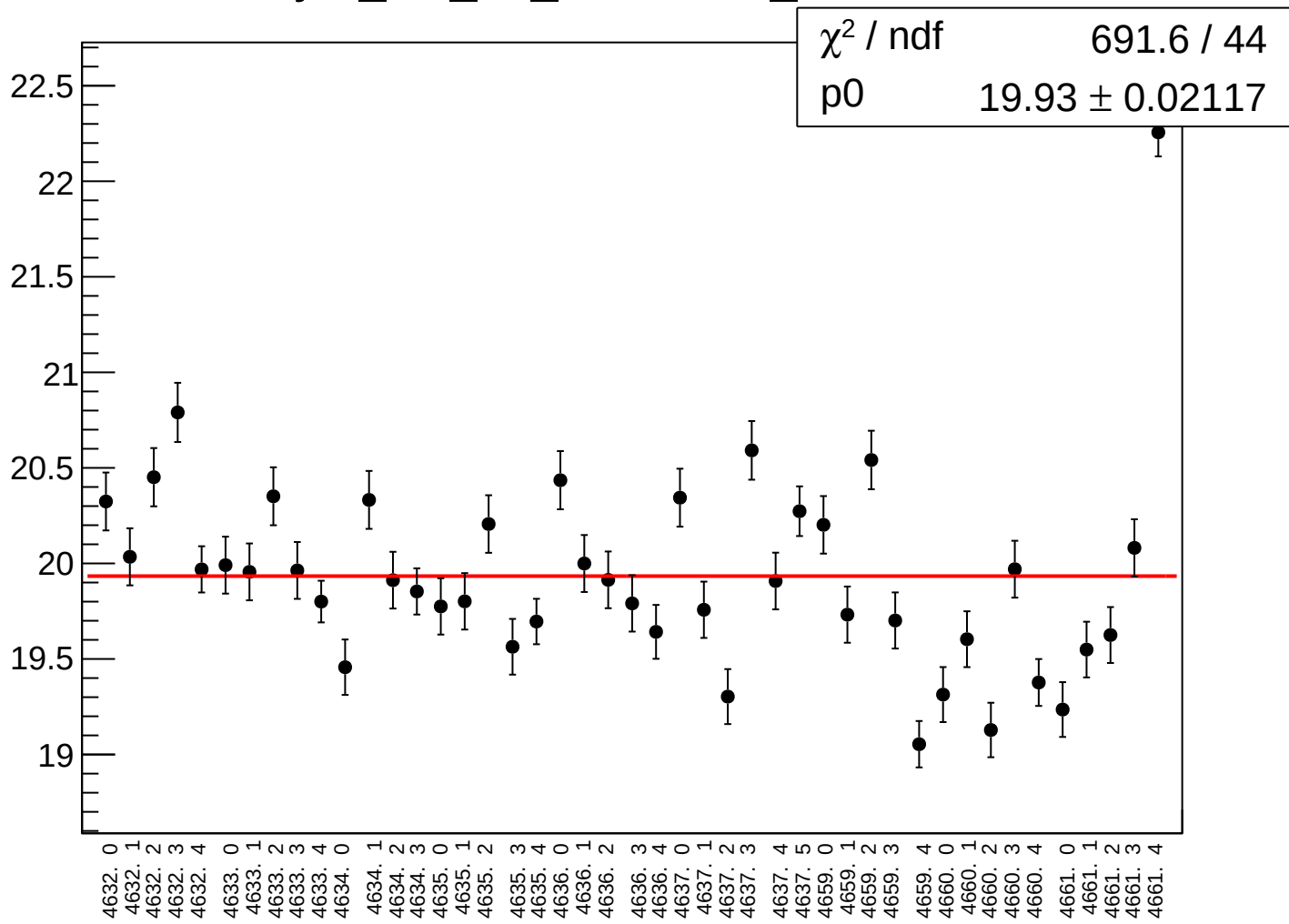
reg_asym_left_dd_rms vs run



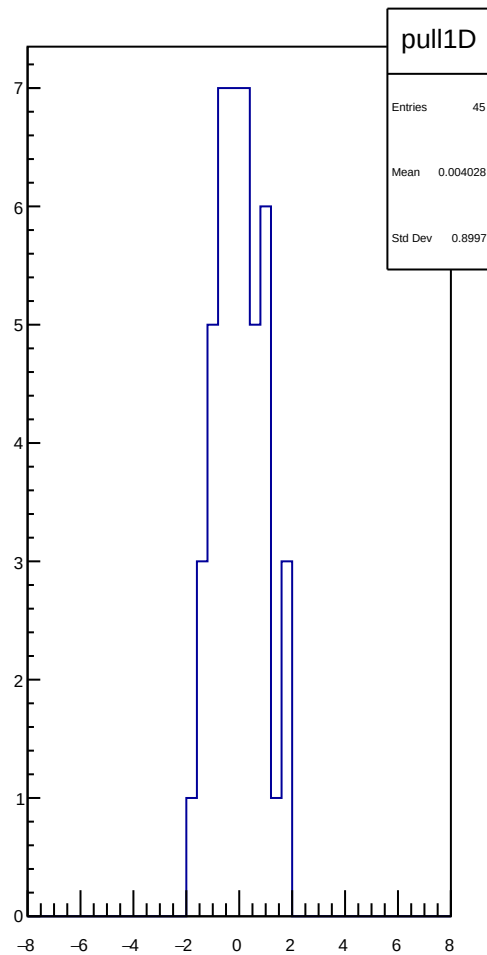
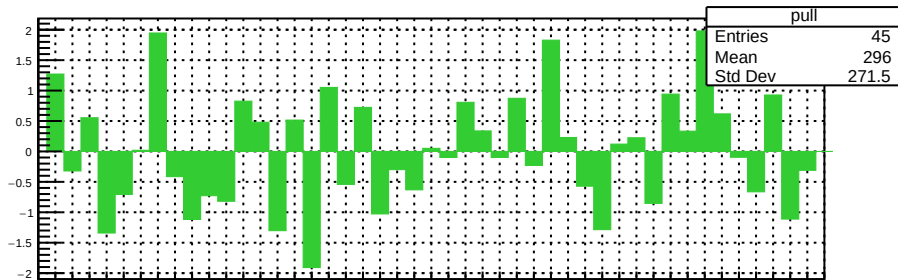
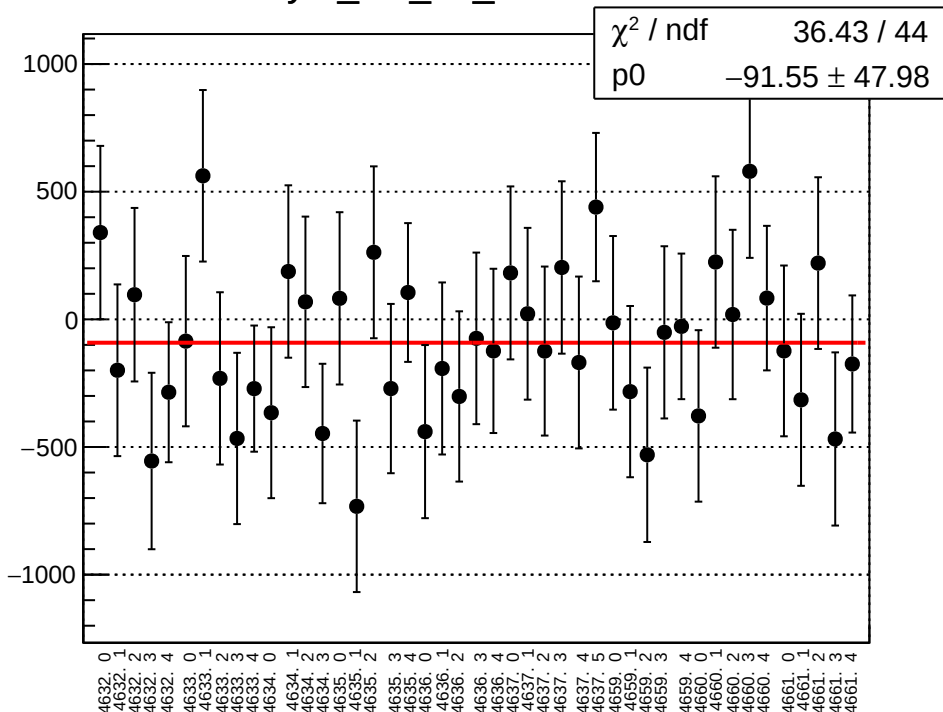
asym_left_dd_correction_mean vs run



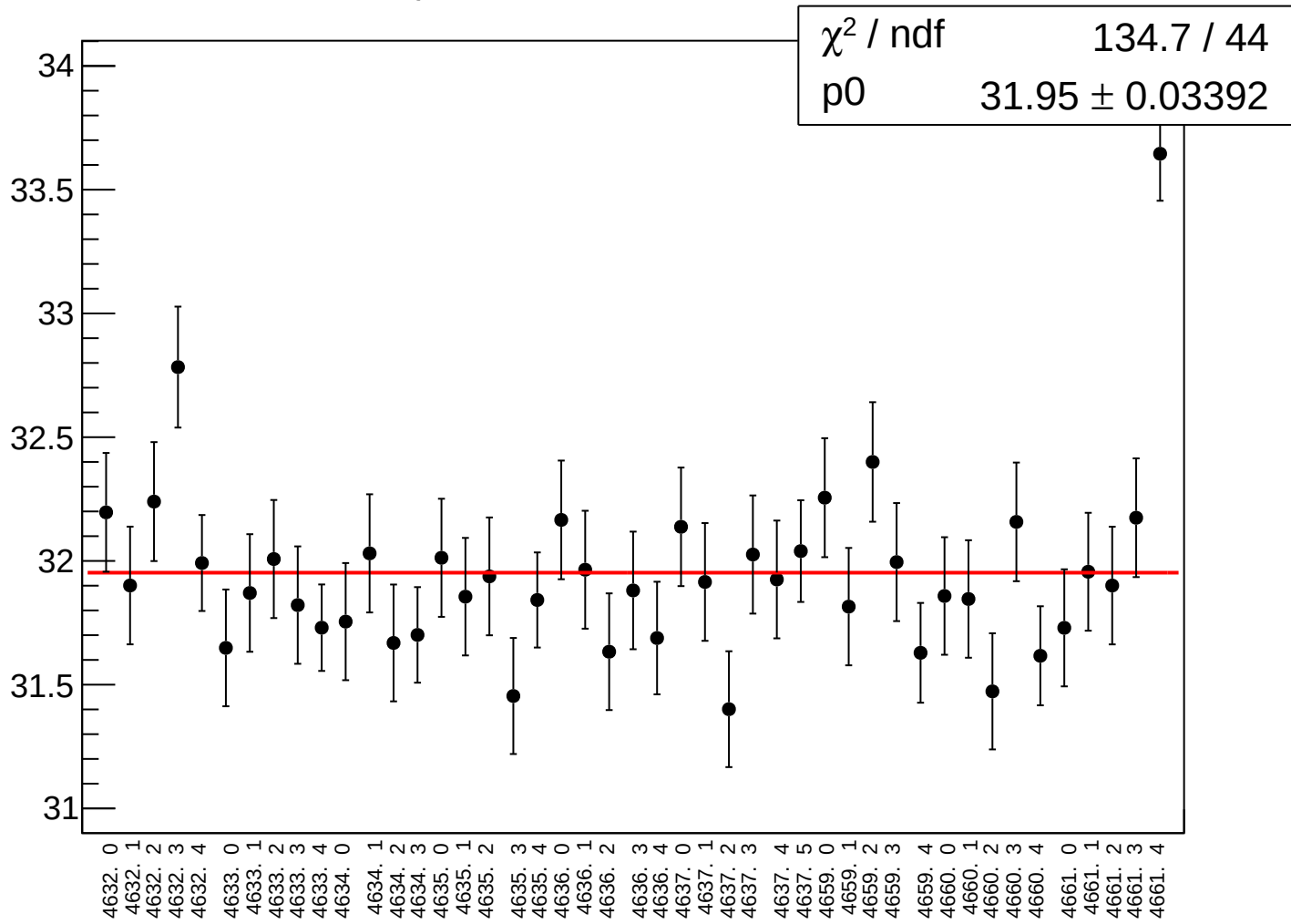
asym_left_dd_correction_rms vs run



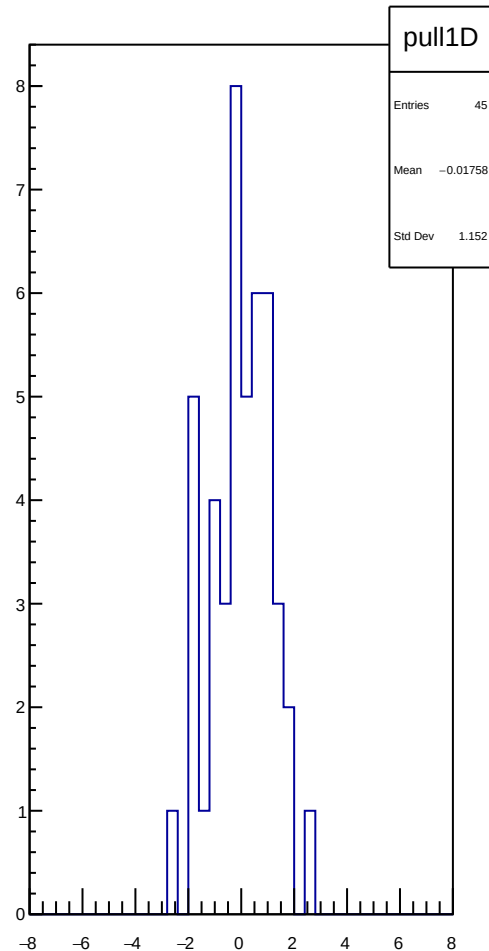
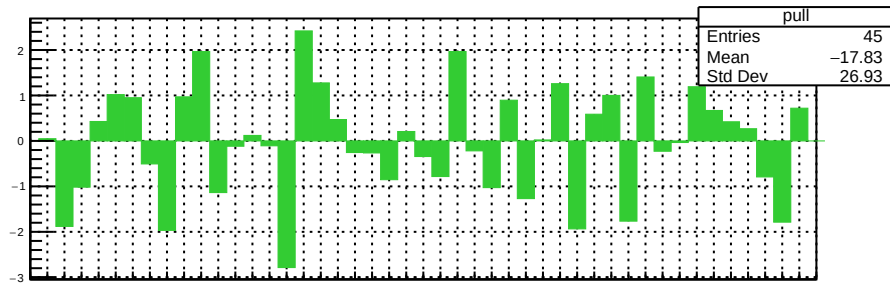
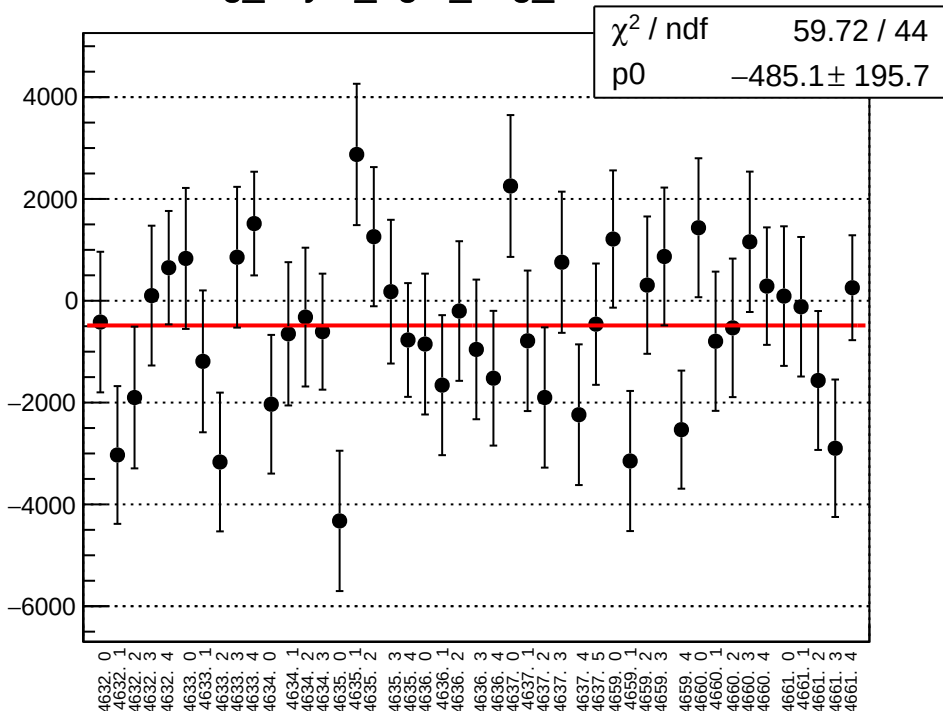
asym_left_dd_mean vs run



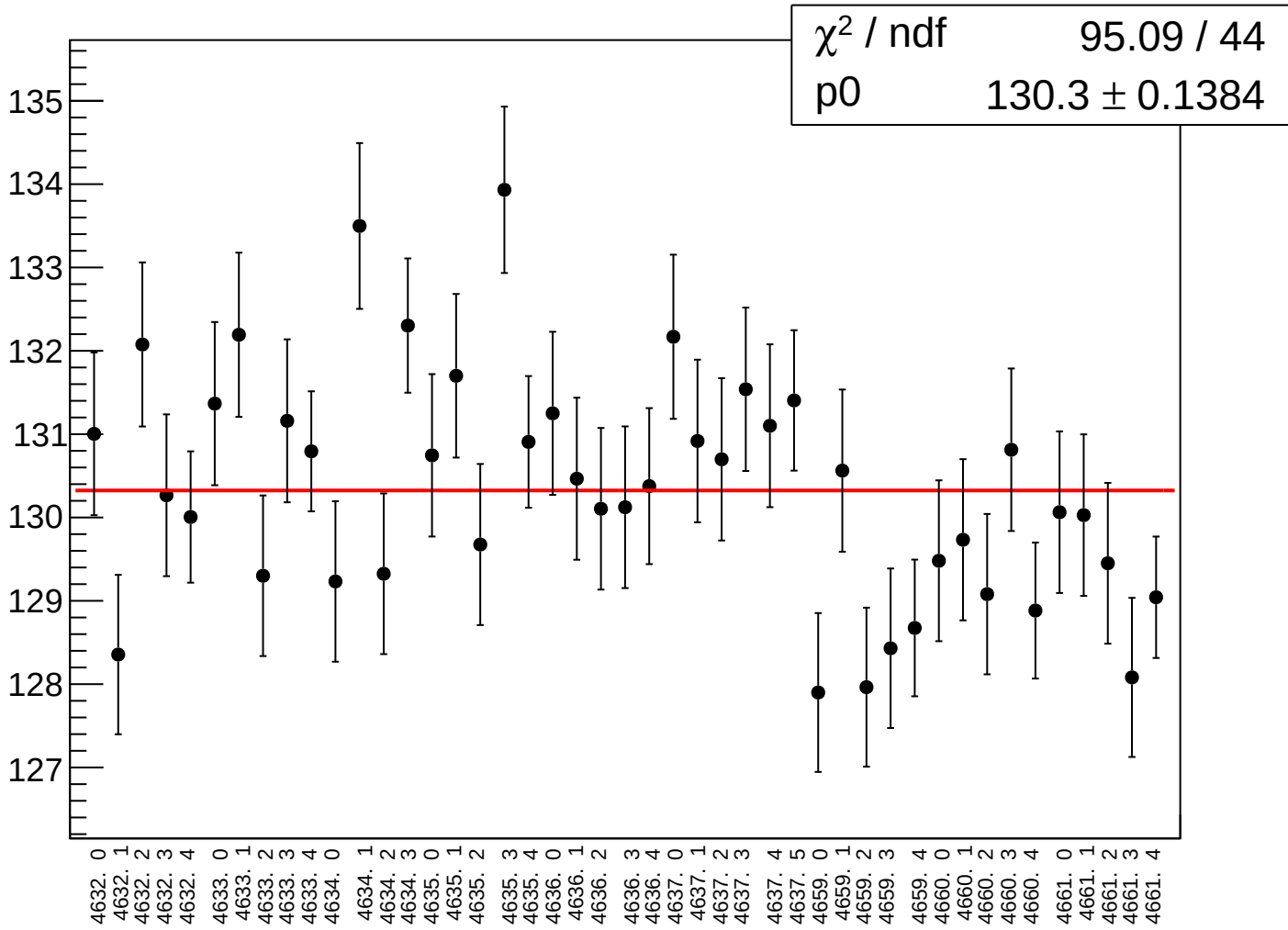
asym_left_dd_rms vs run



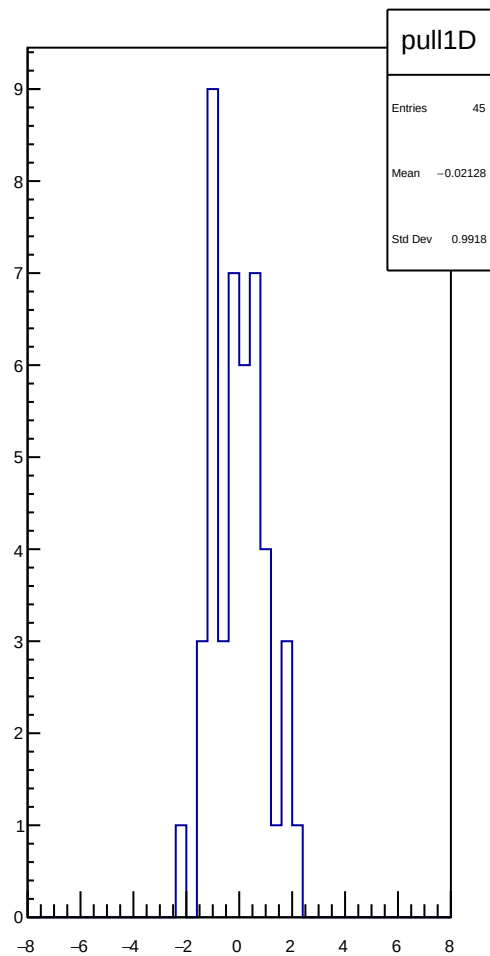
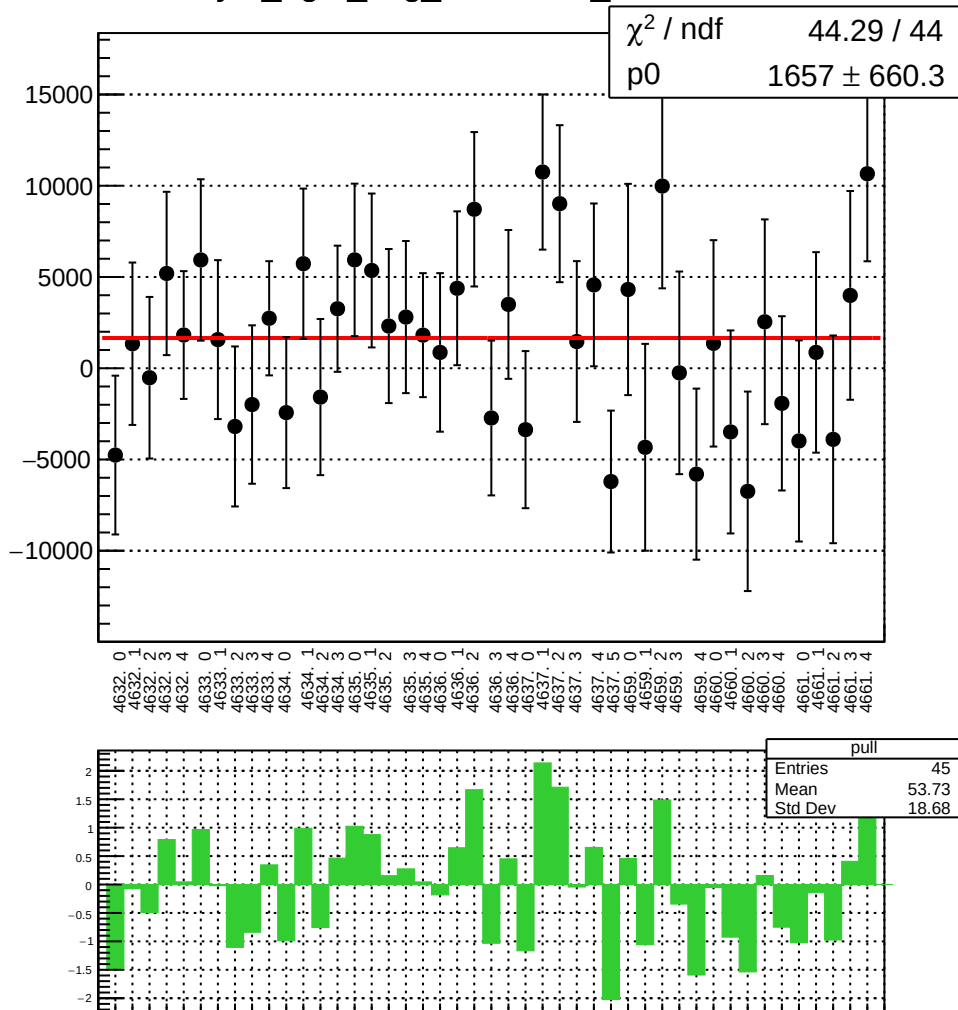
reg_asym_right_avg_mean vs run



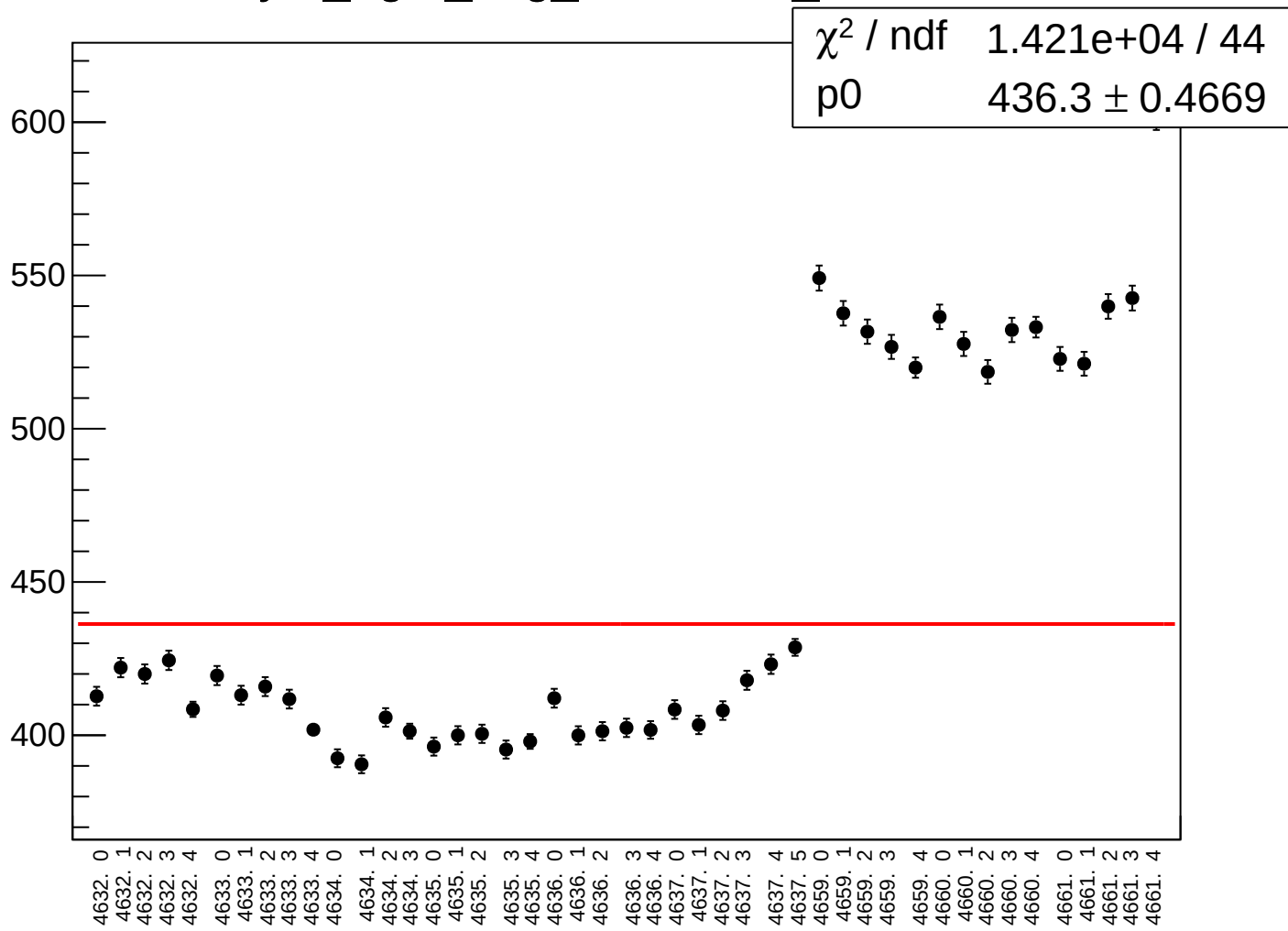
reg_asym_right_avg_rms vs run



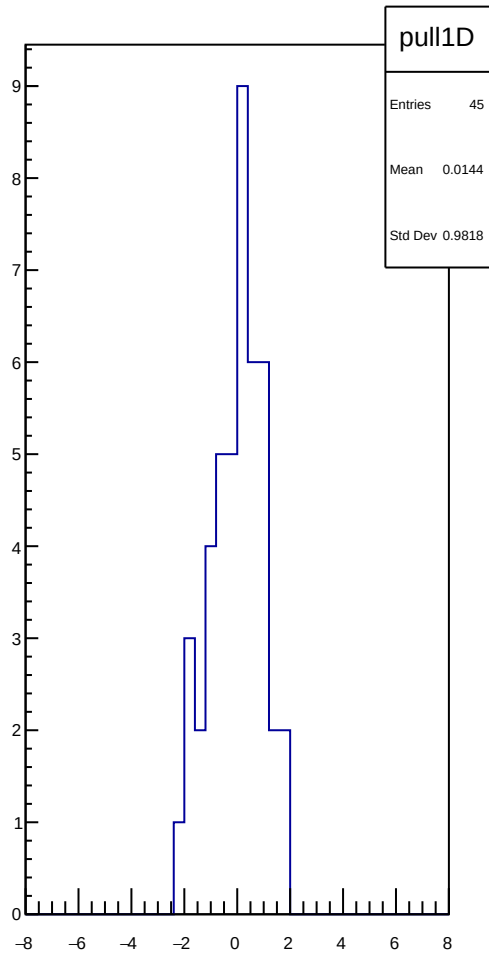
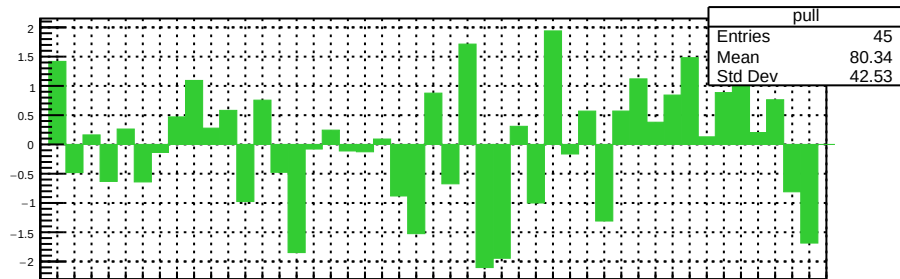
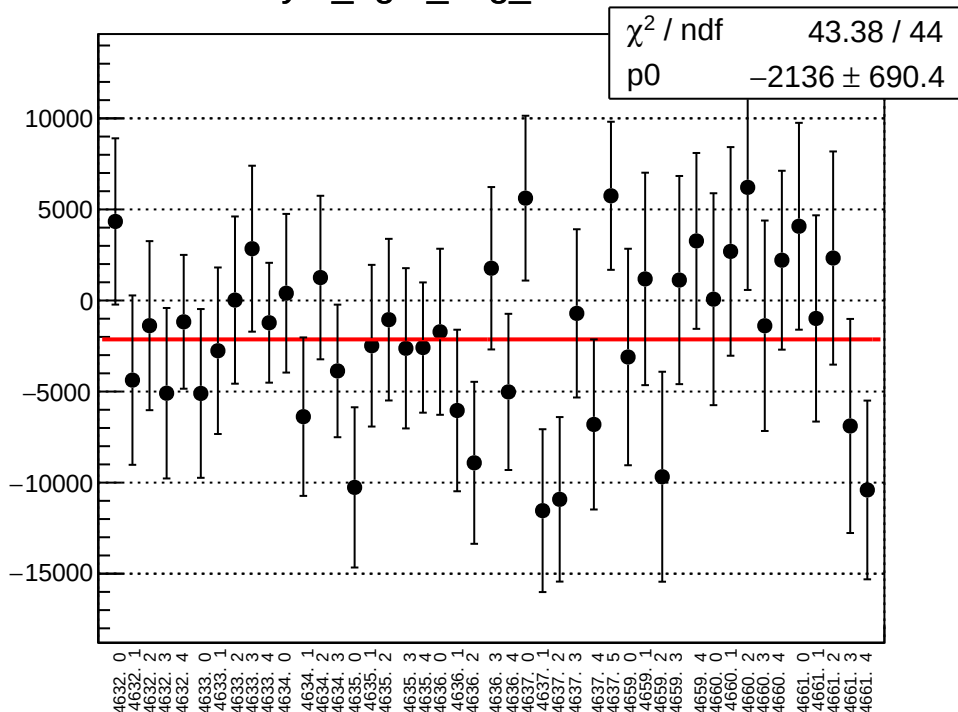
asym_right_avg_correction_mean vs run



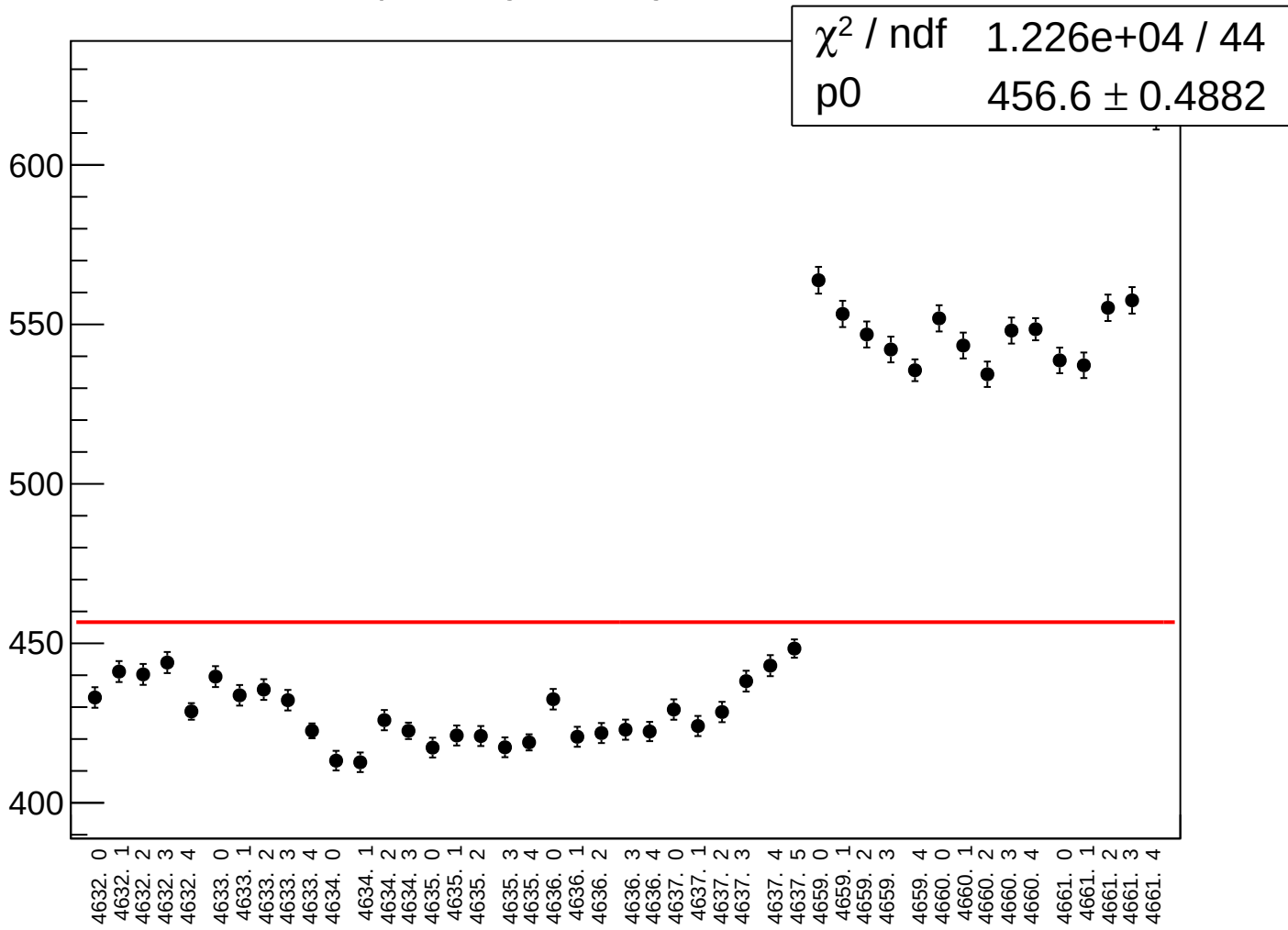
asym_right_avg_correction_rms vs run



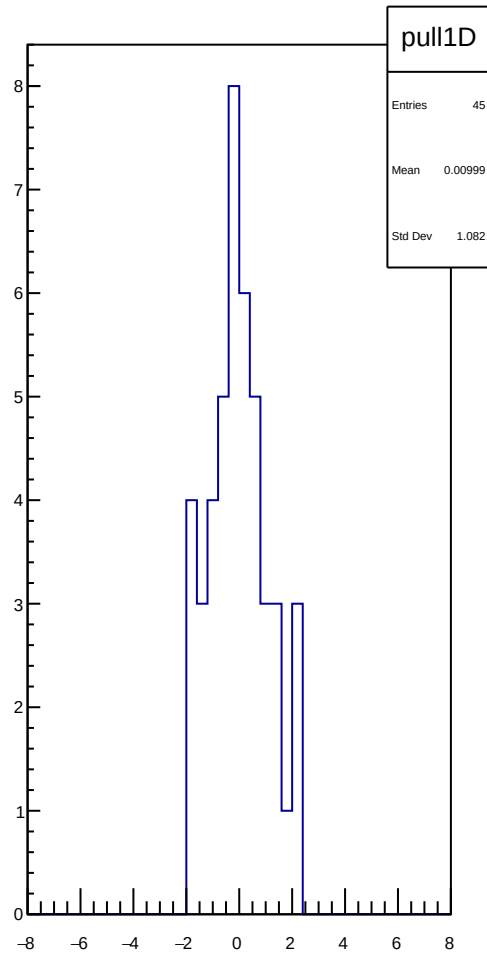
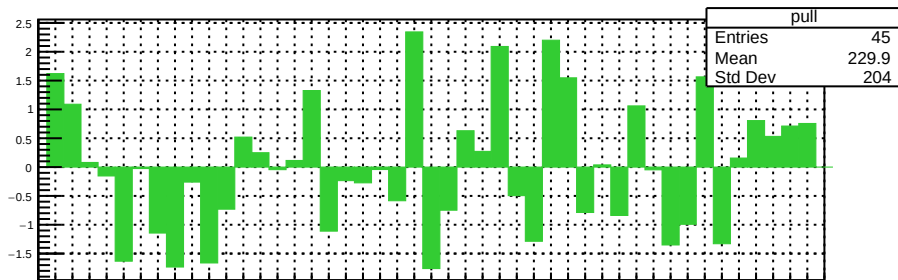
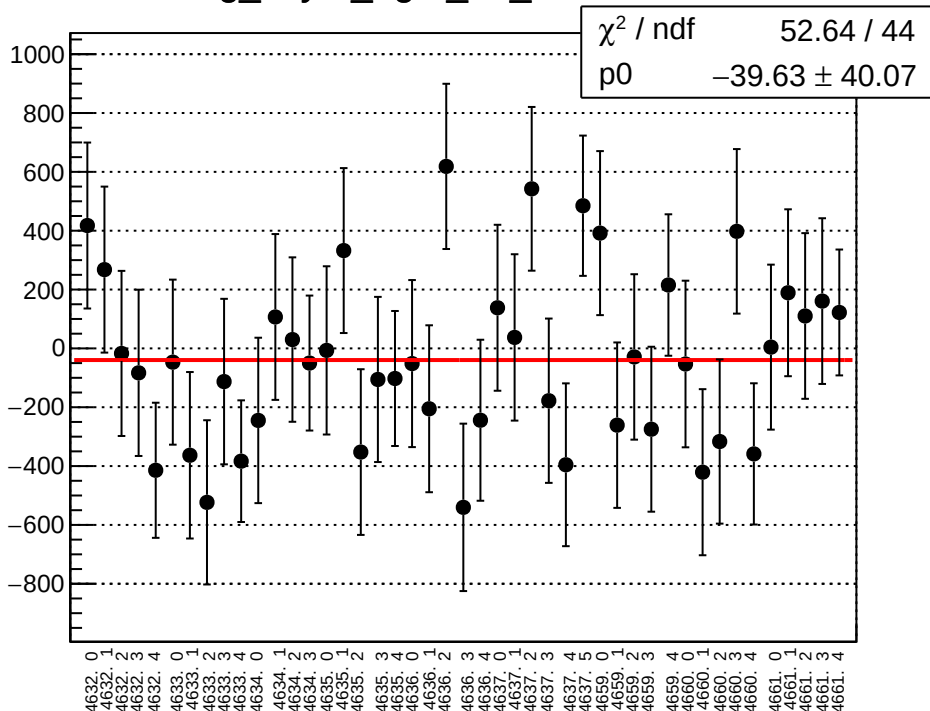
asym_right_avg_mean vs run



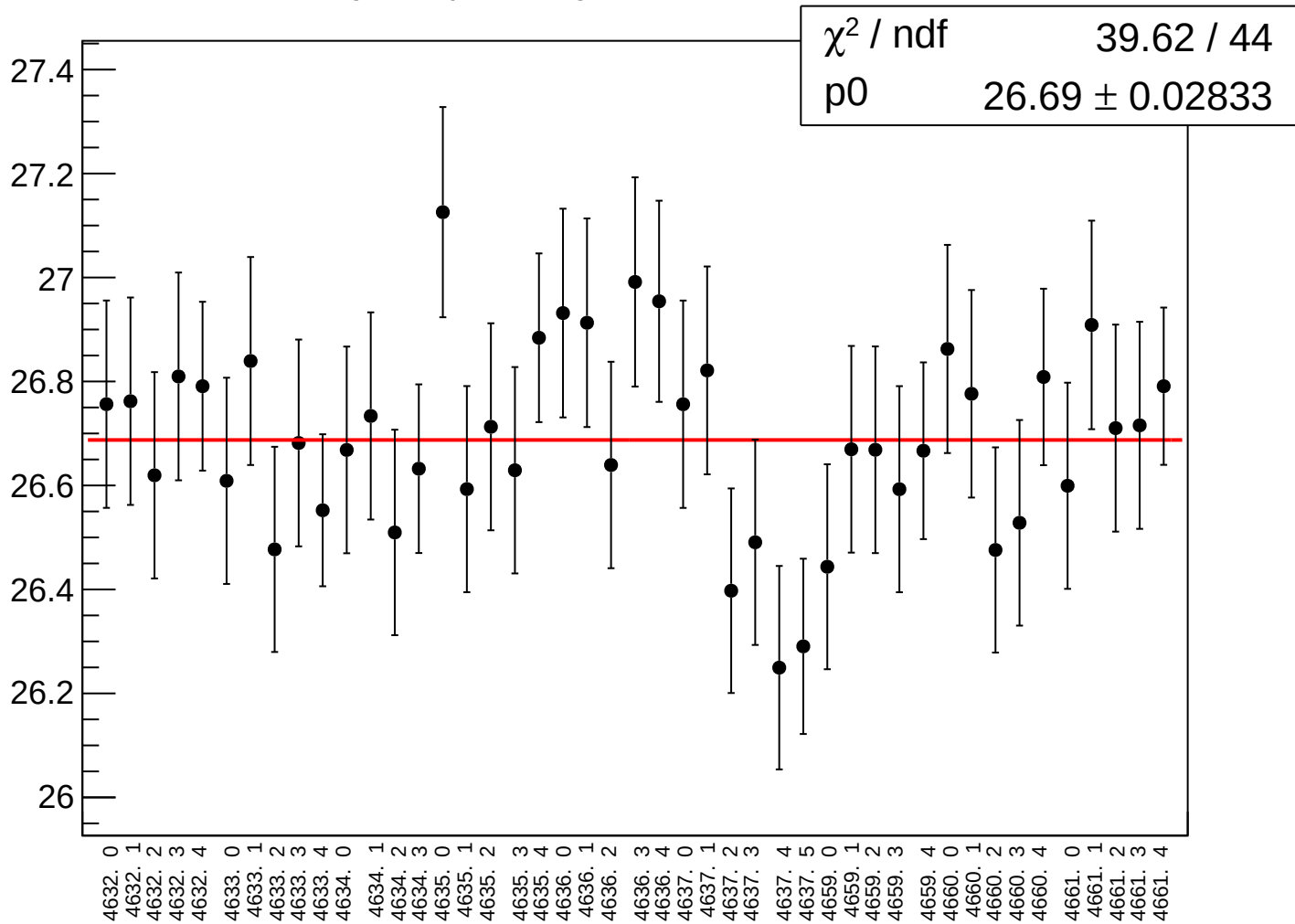
asym_right_avg_rms vs run



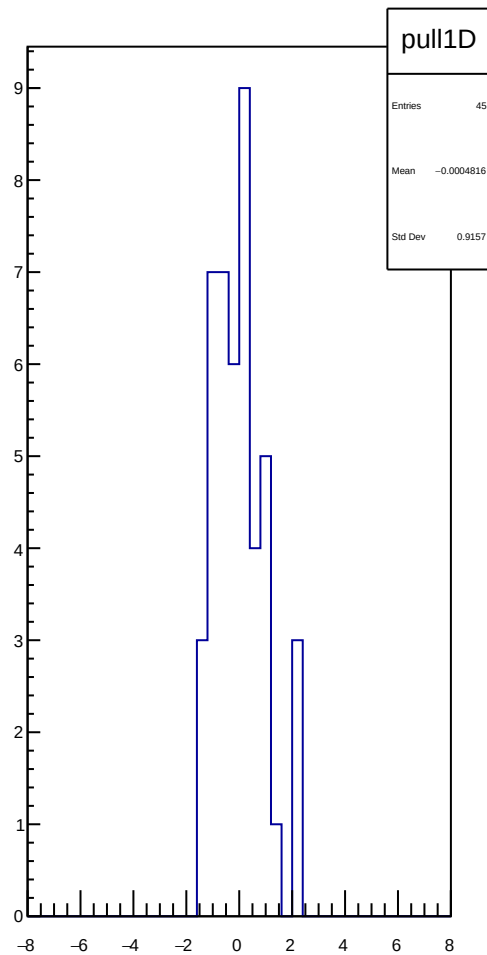
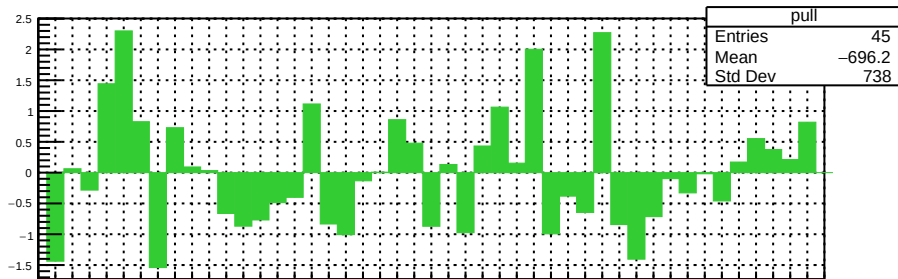
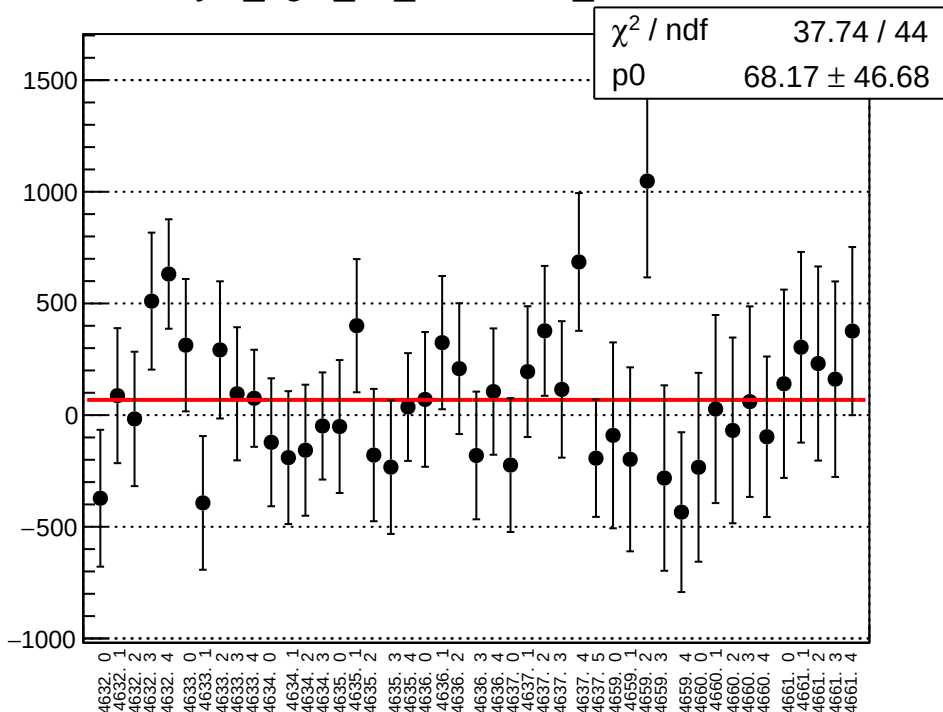
reg_asym_right_dd_mean vs run



reg_asym_right_dd_rms vs run

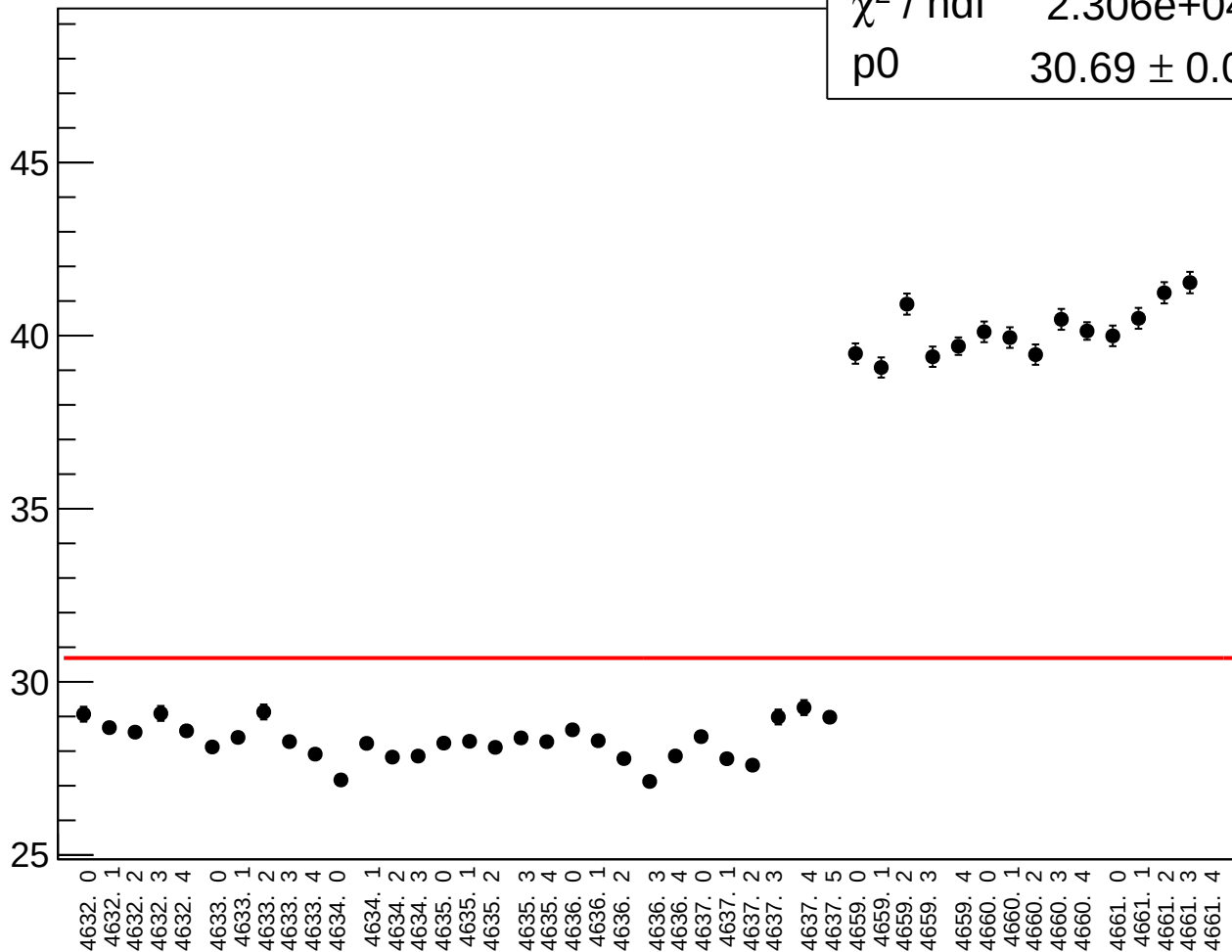


asym_right_dd_correction_mean vs run

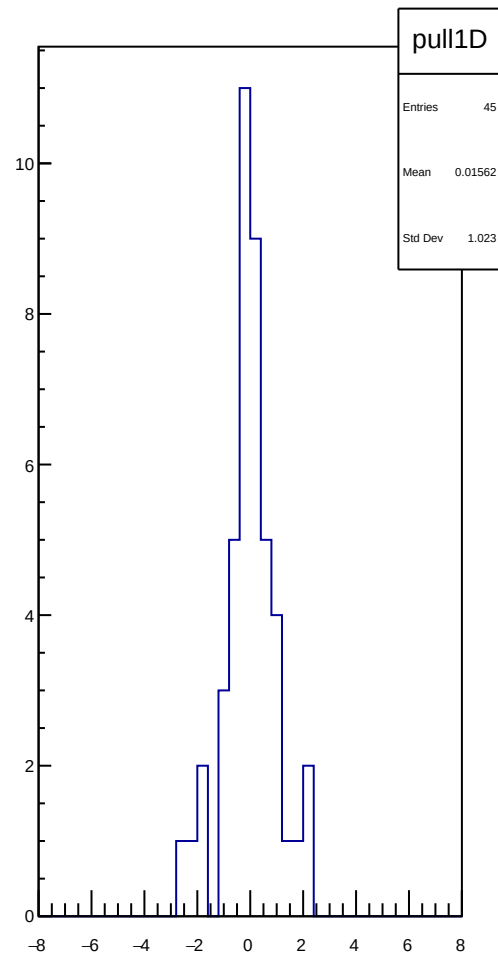
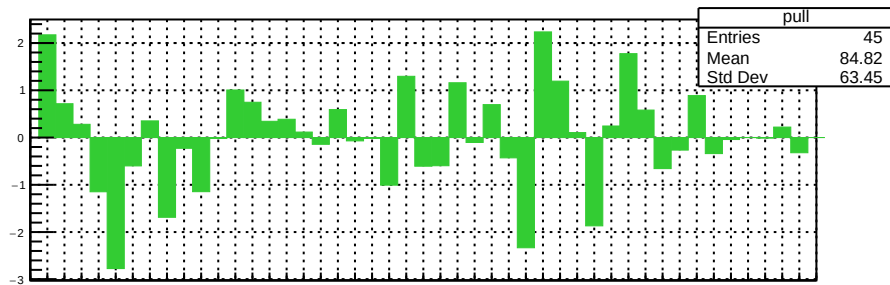
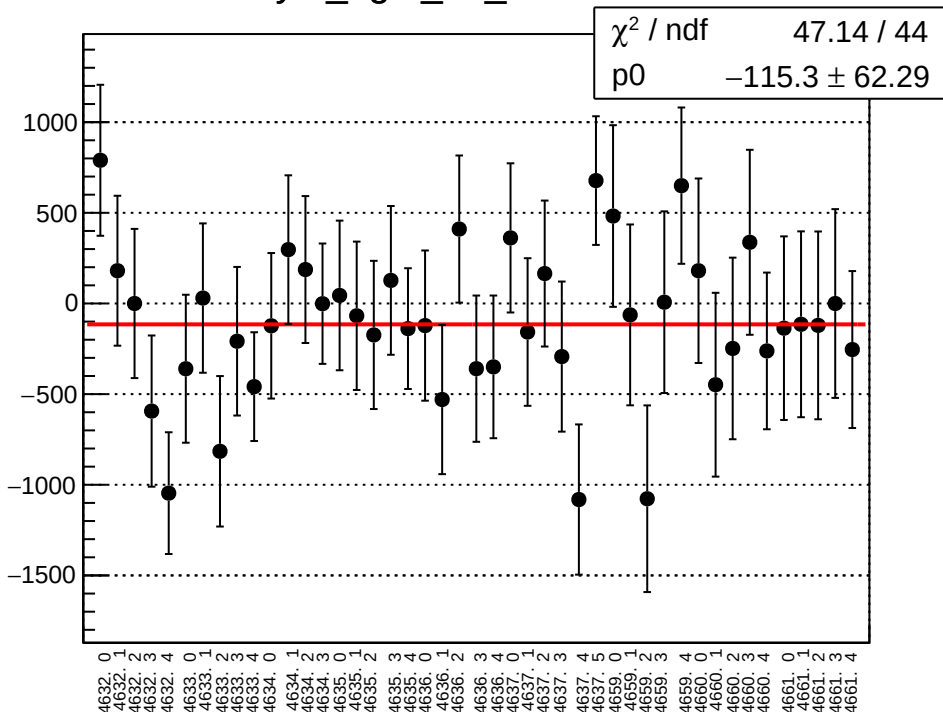


asym_right_dd_correction_rms vs run

χ^2 / ndf 2.306e+04 / 44
p0 30.69 $\pm$ 0.03301



asym_right_dd_mean vs run



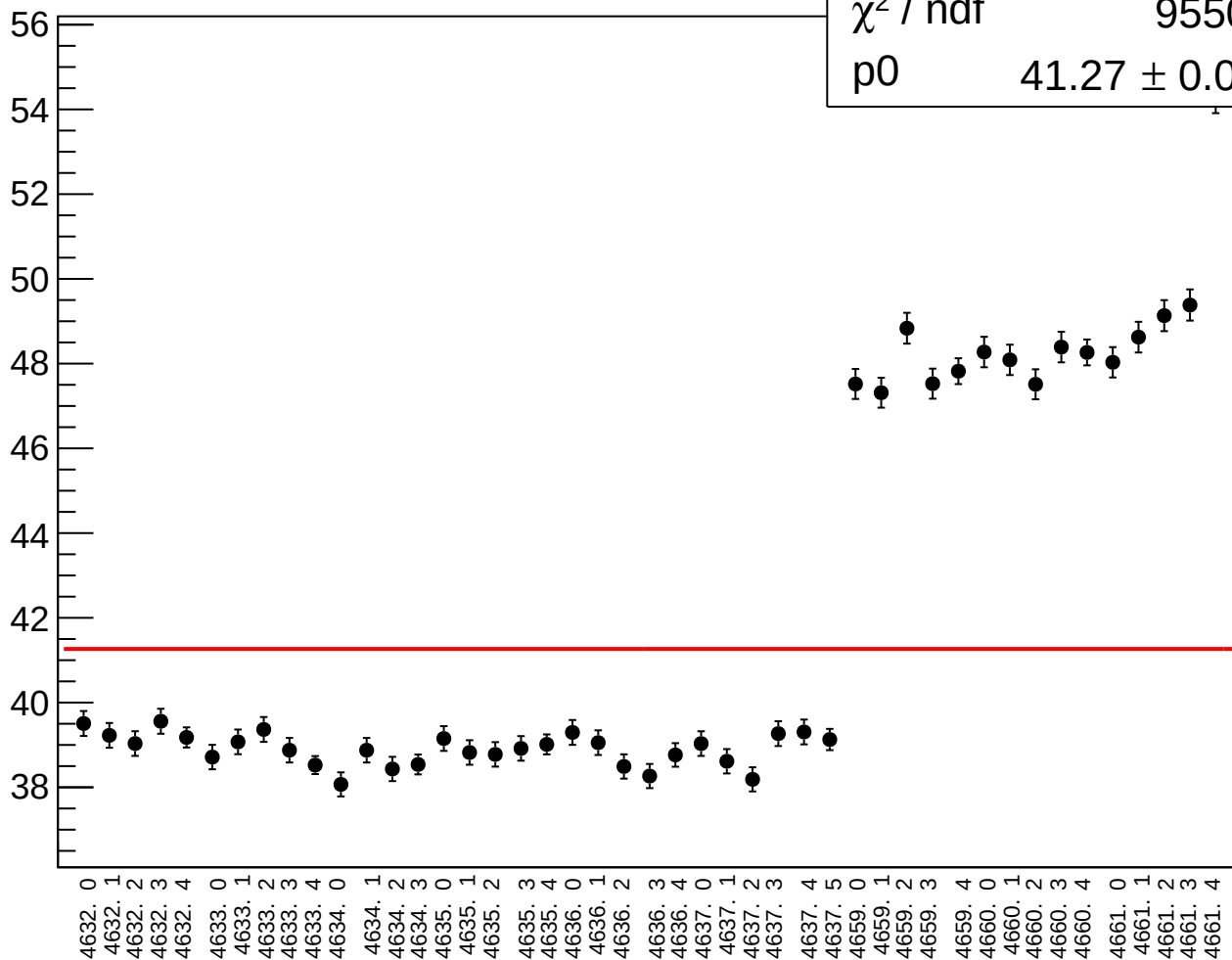
asym_right_dd_rms vs run

χ^2 / ndf

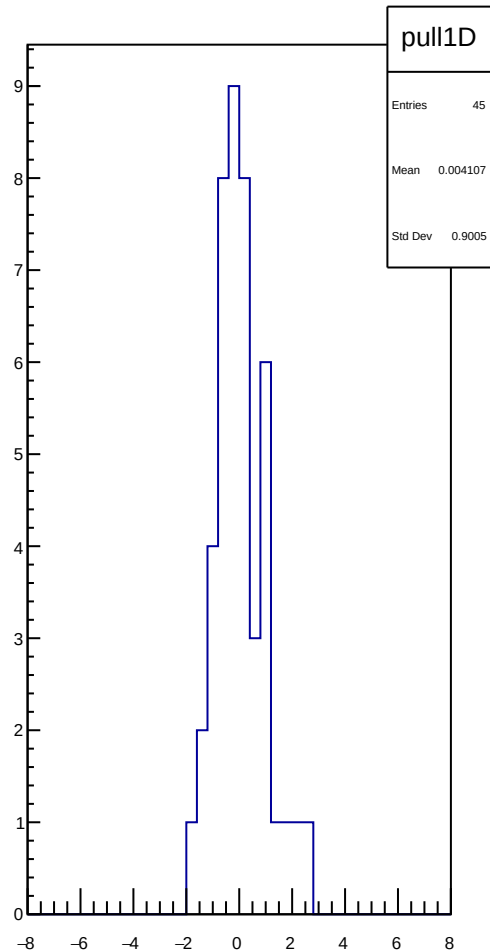
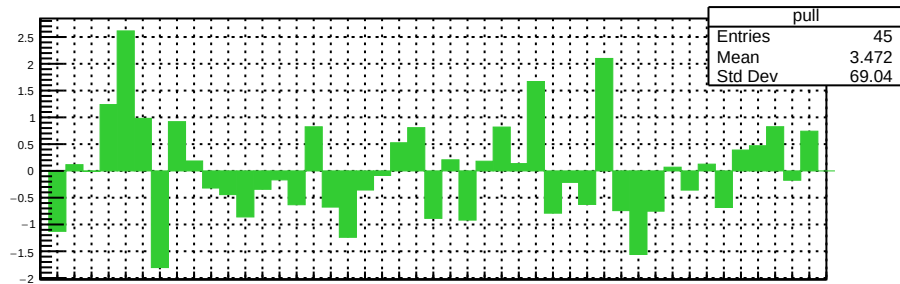
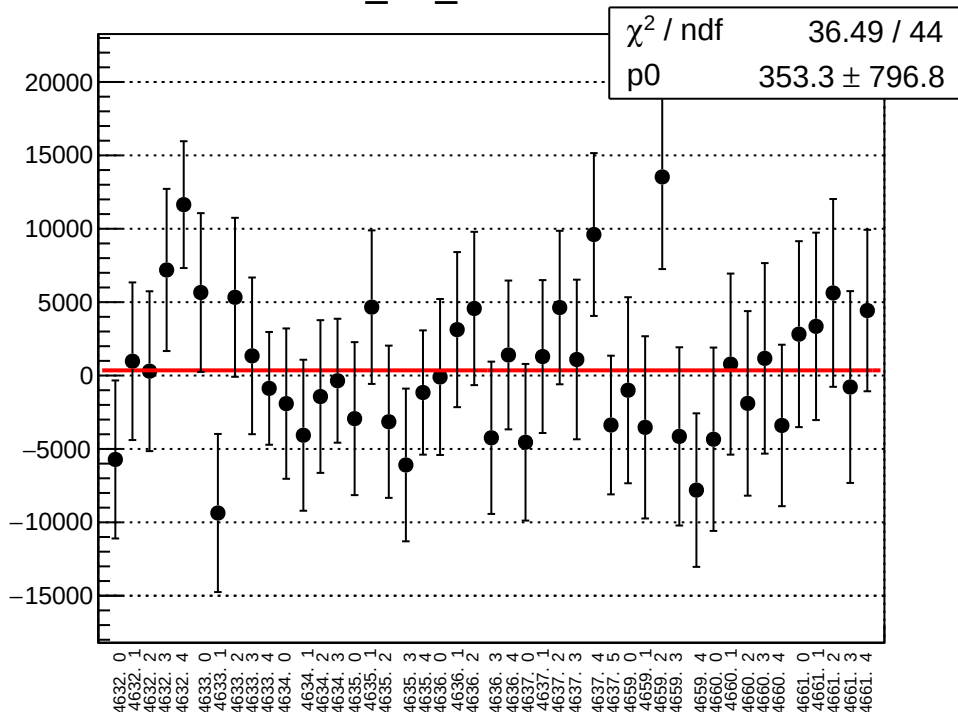
9550 / 44

p0

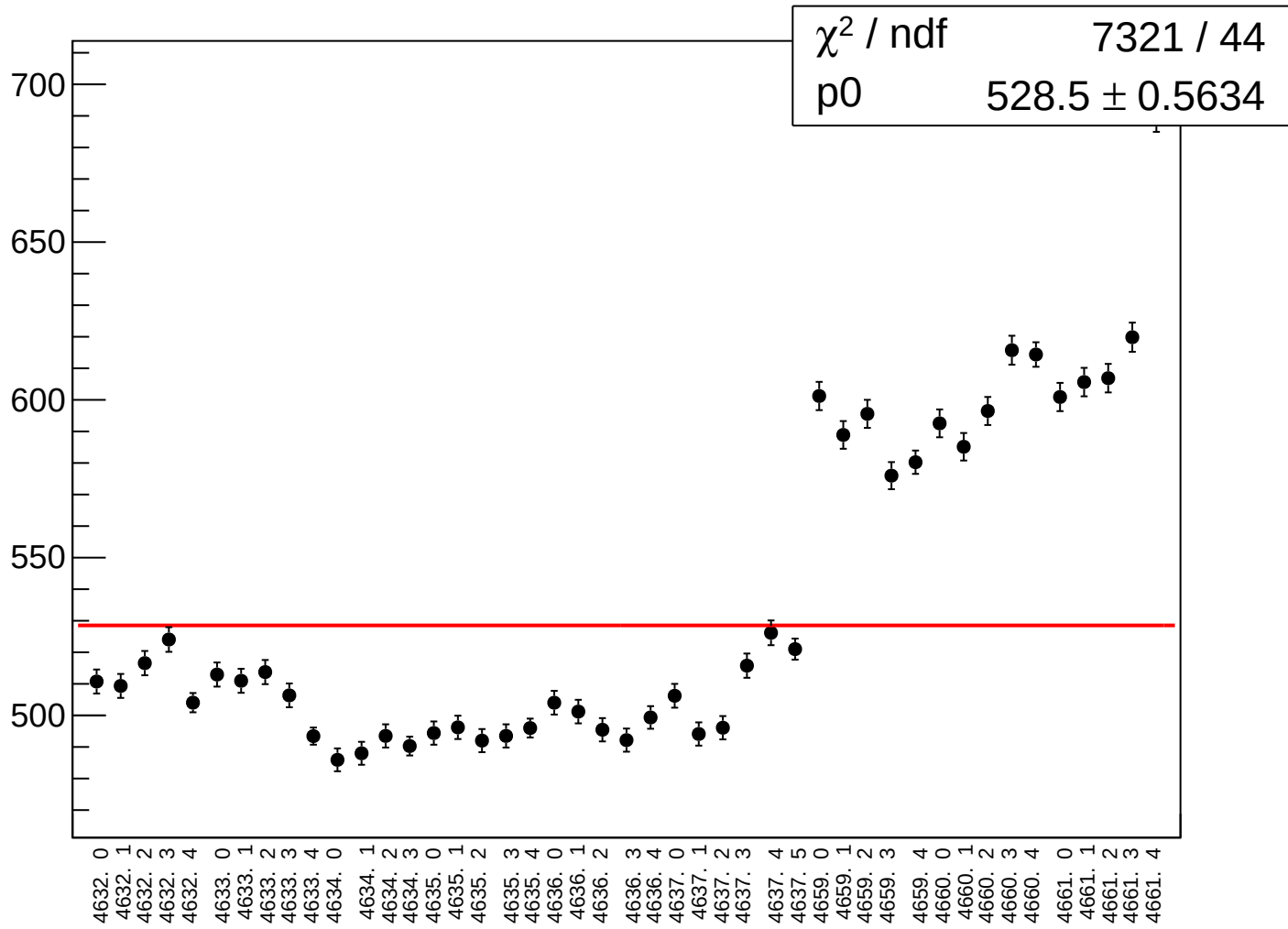
41.27 ± 0.04405



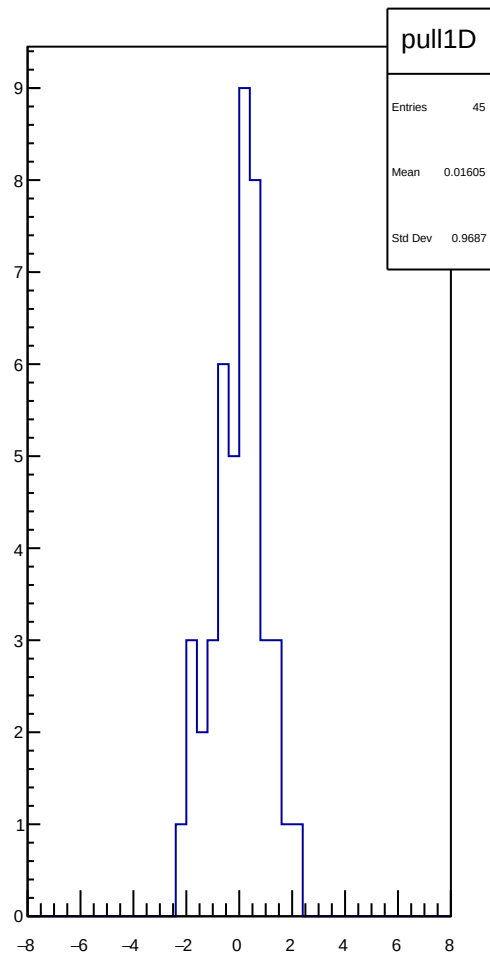
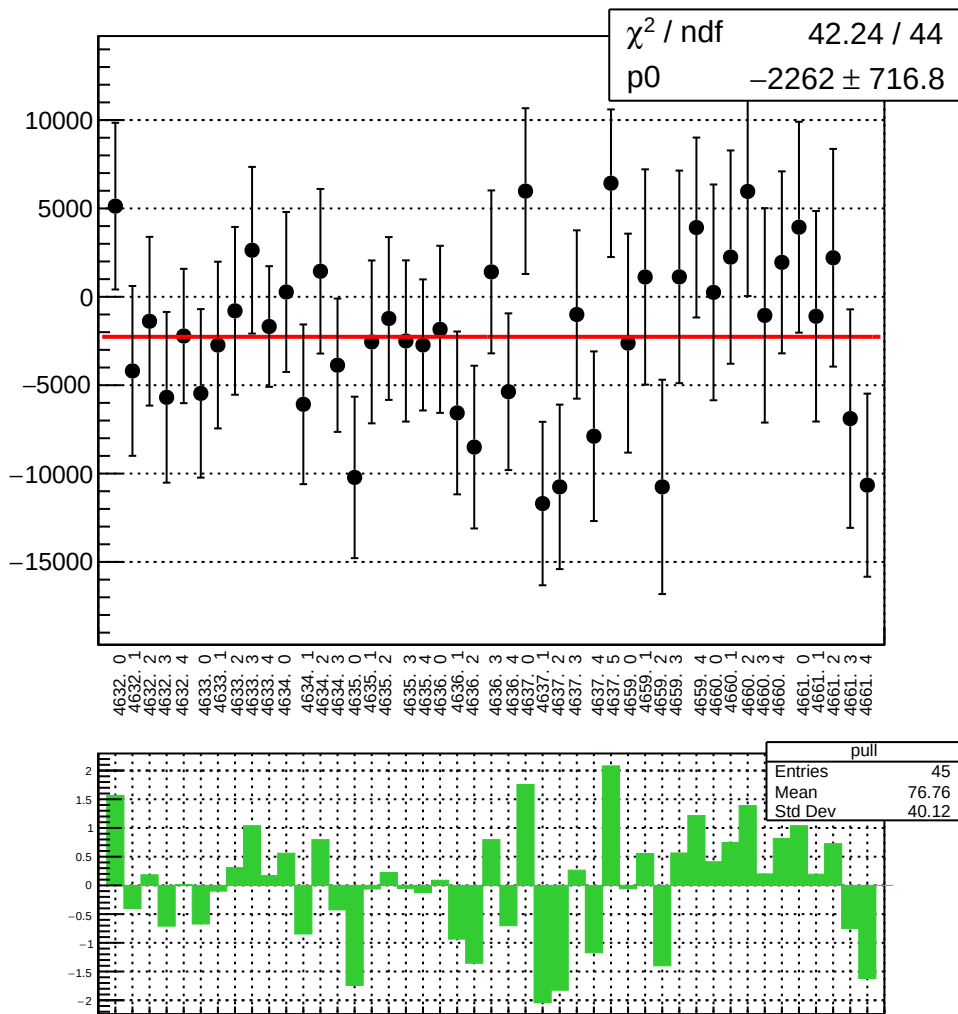
cor_usl_mean vs run



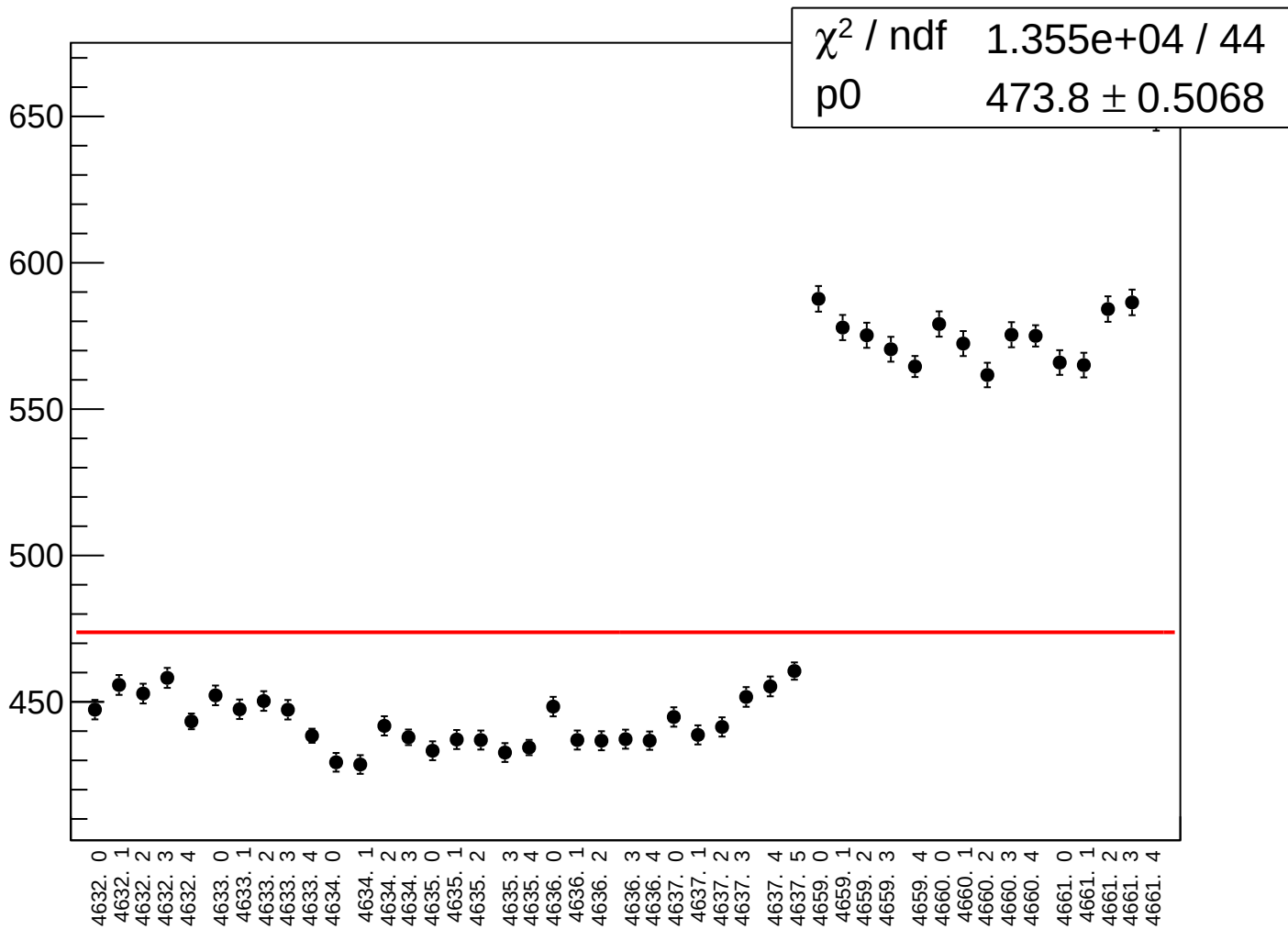
cor_usl_rms vs run



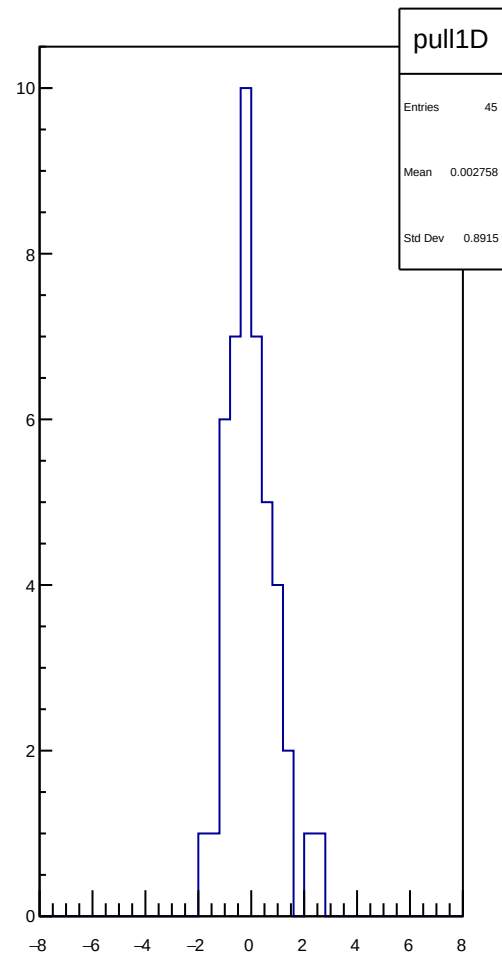
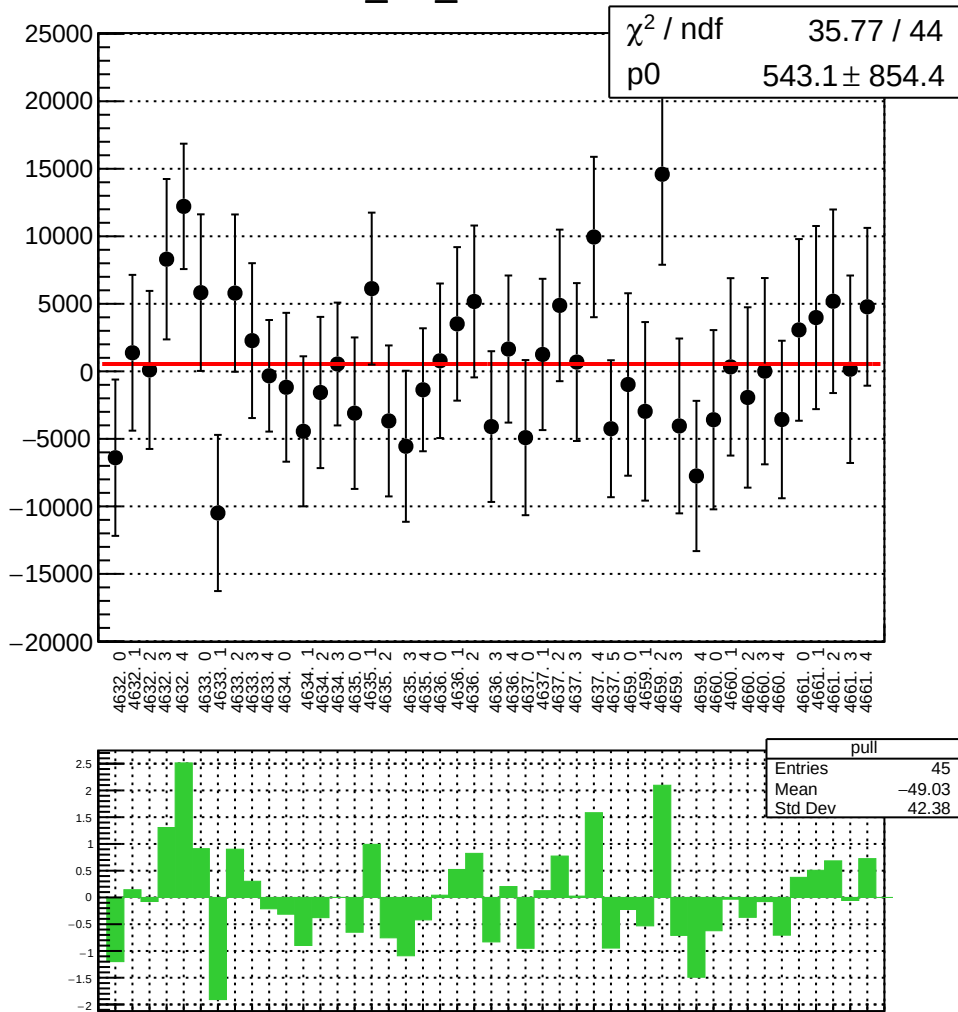
cor_usr_mean vs run



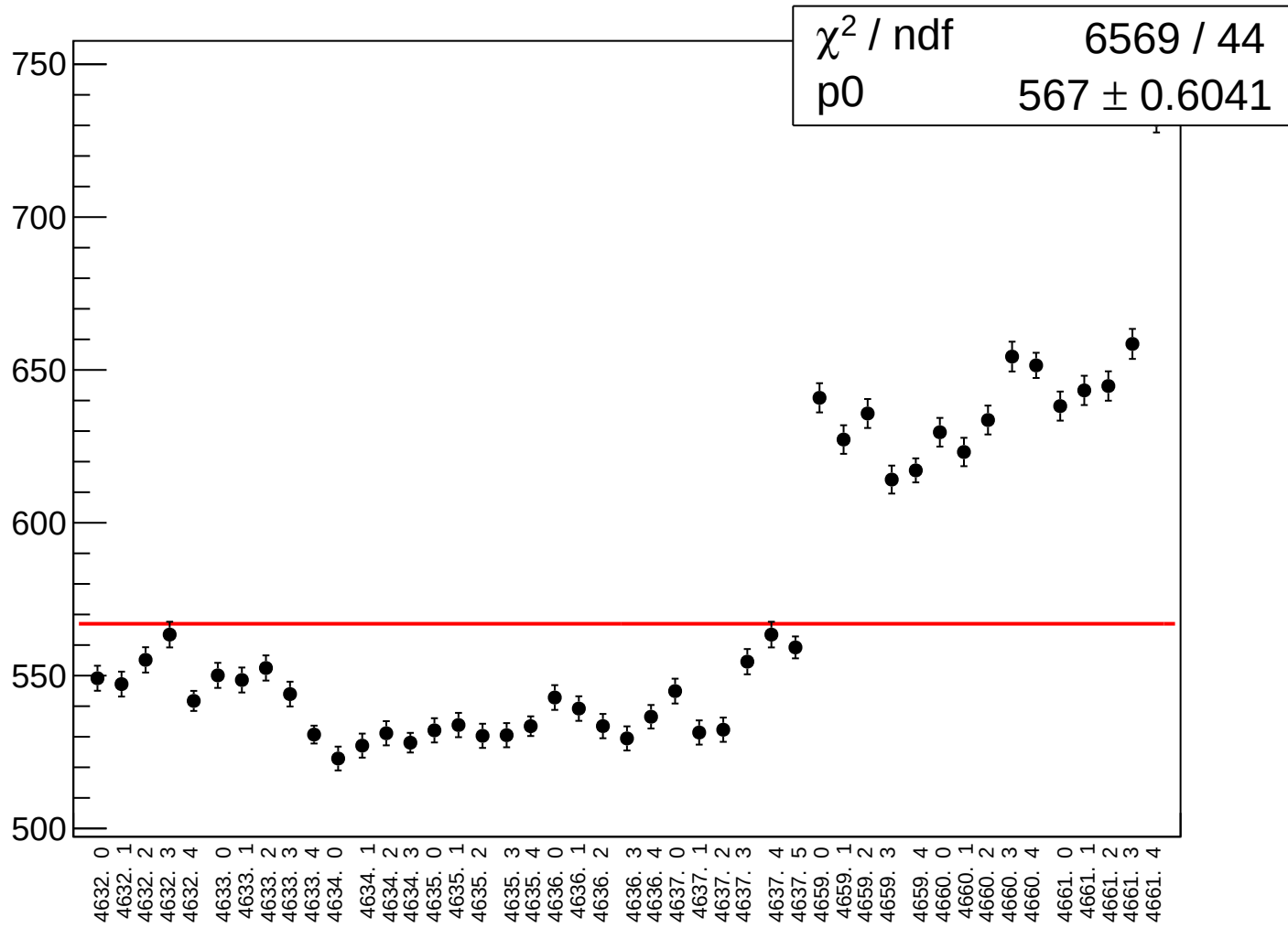
cor_usr_rms vs run



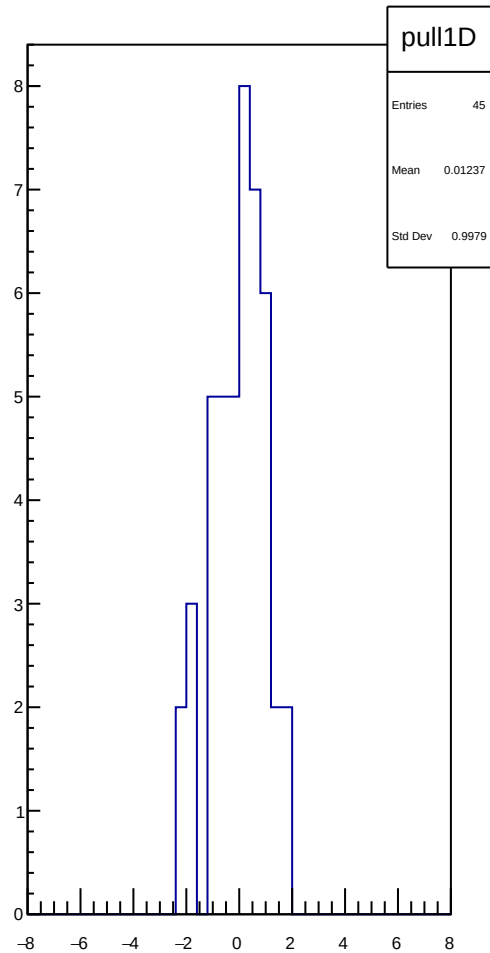
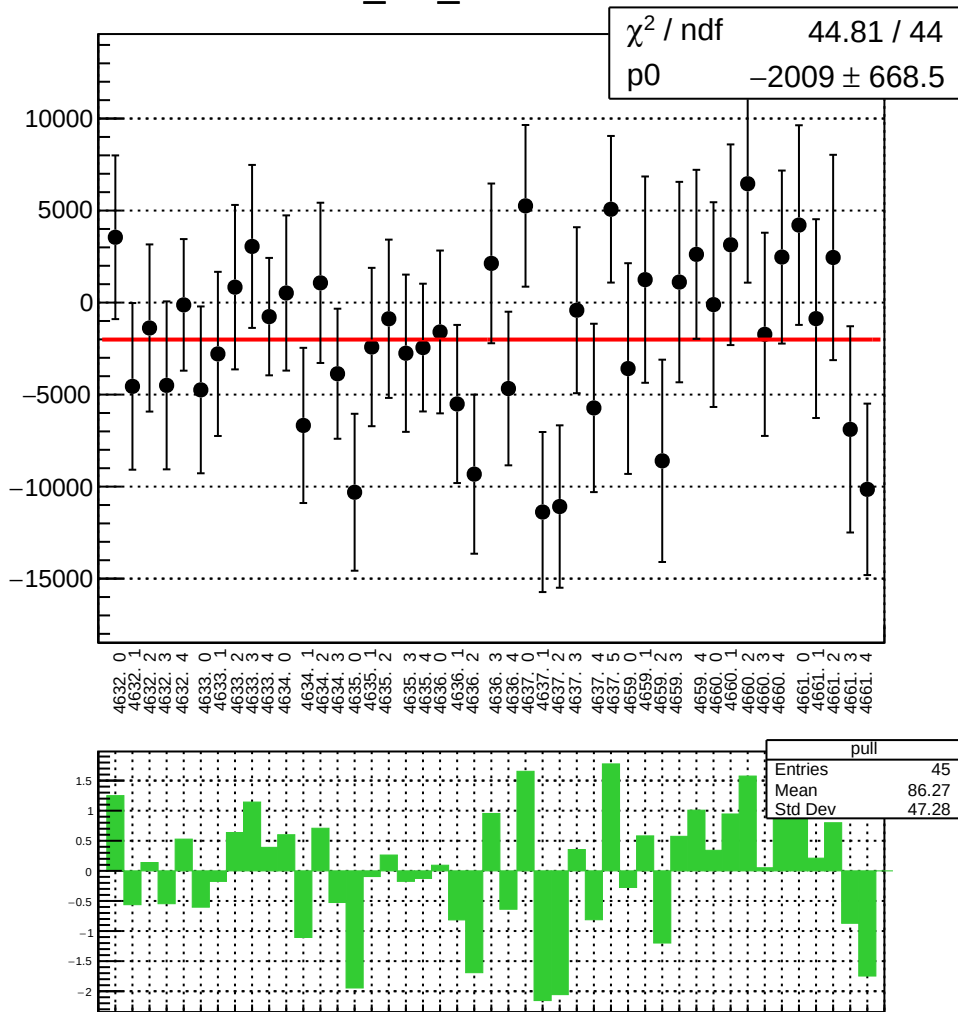
cor_dsl_mean vs run



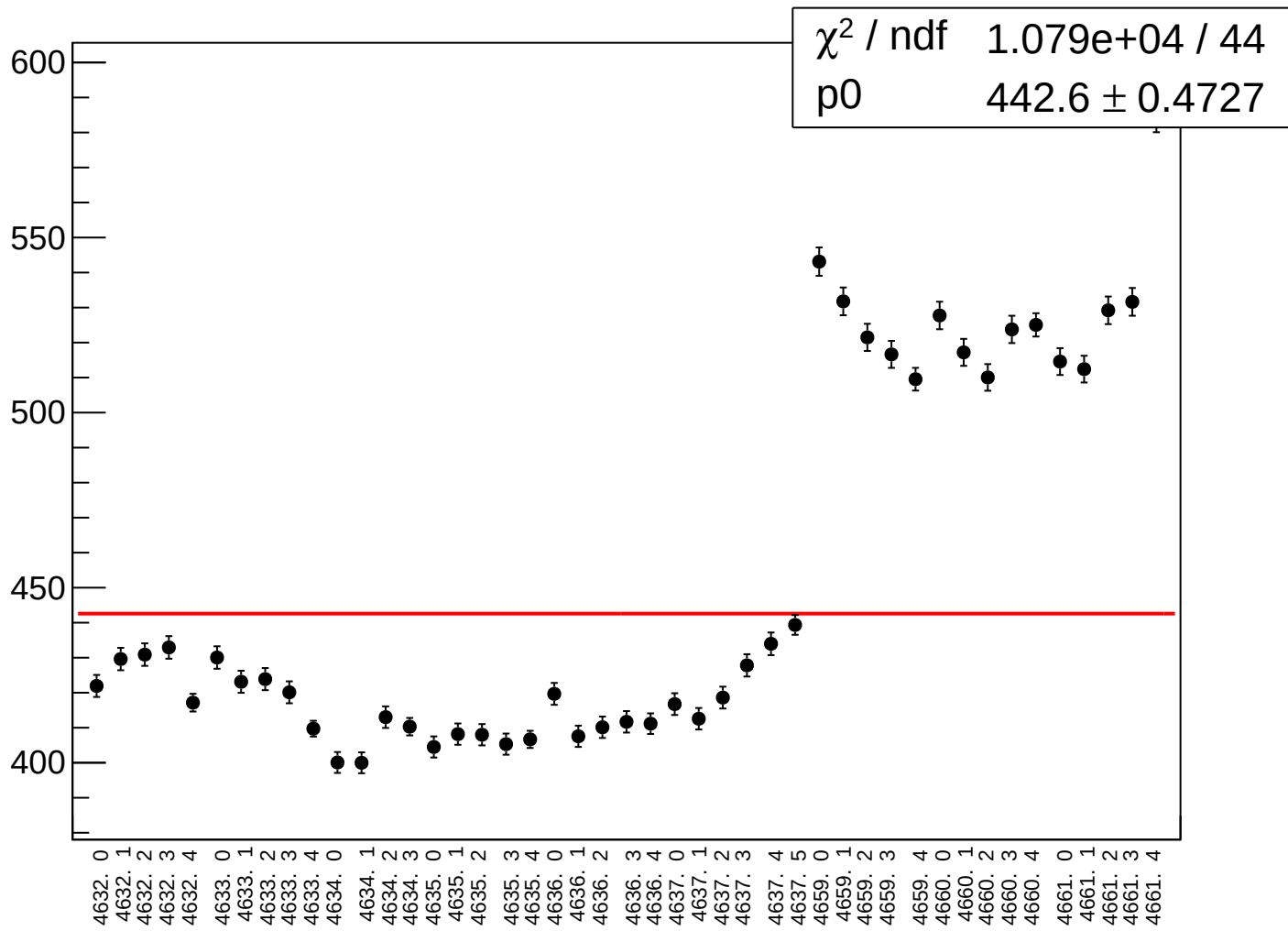
cor_dsl_rms vs run



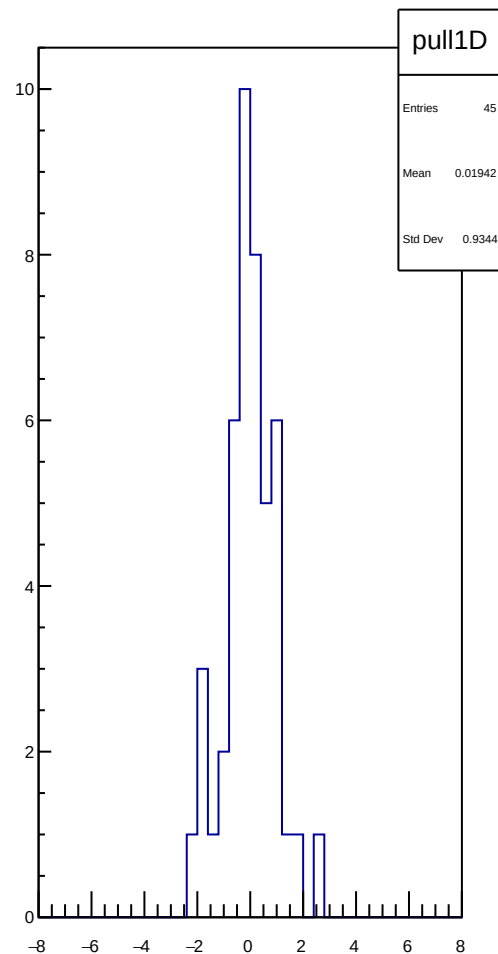
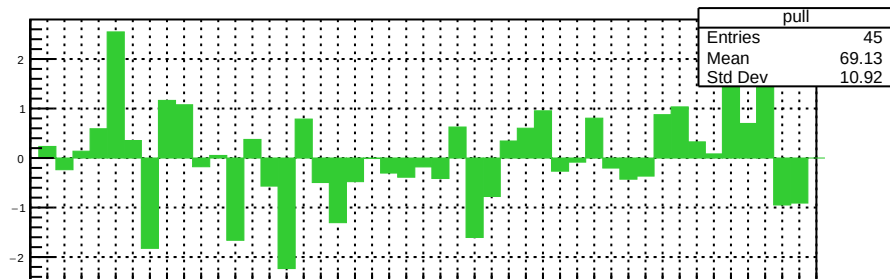
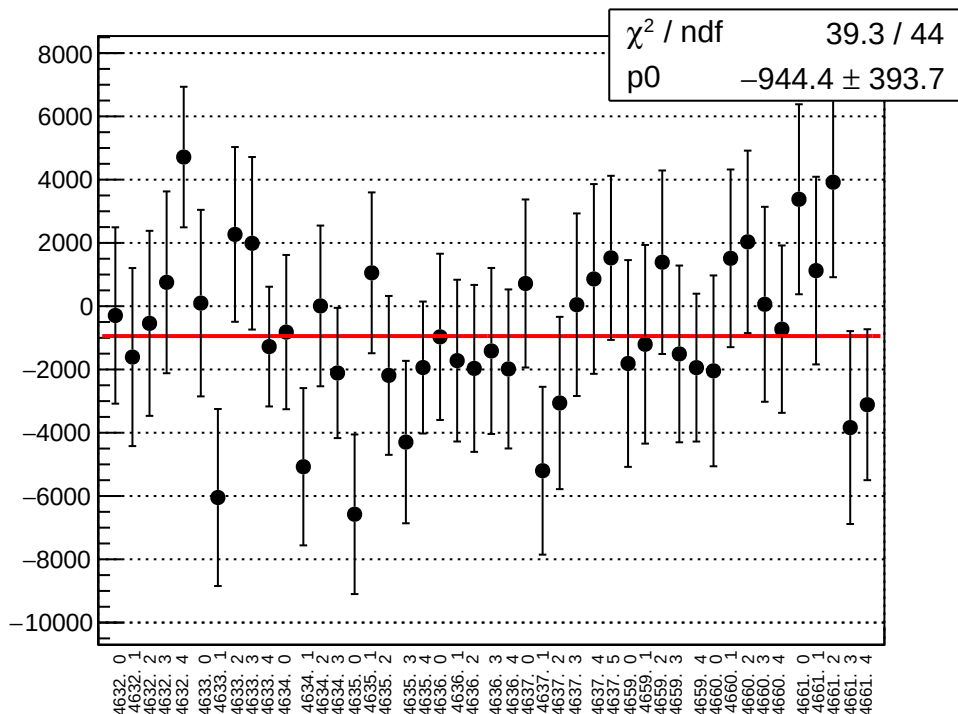
cor_dsr_mean vs run



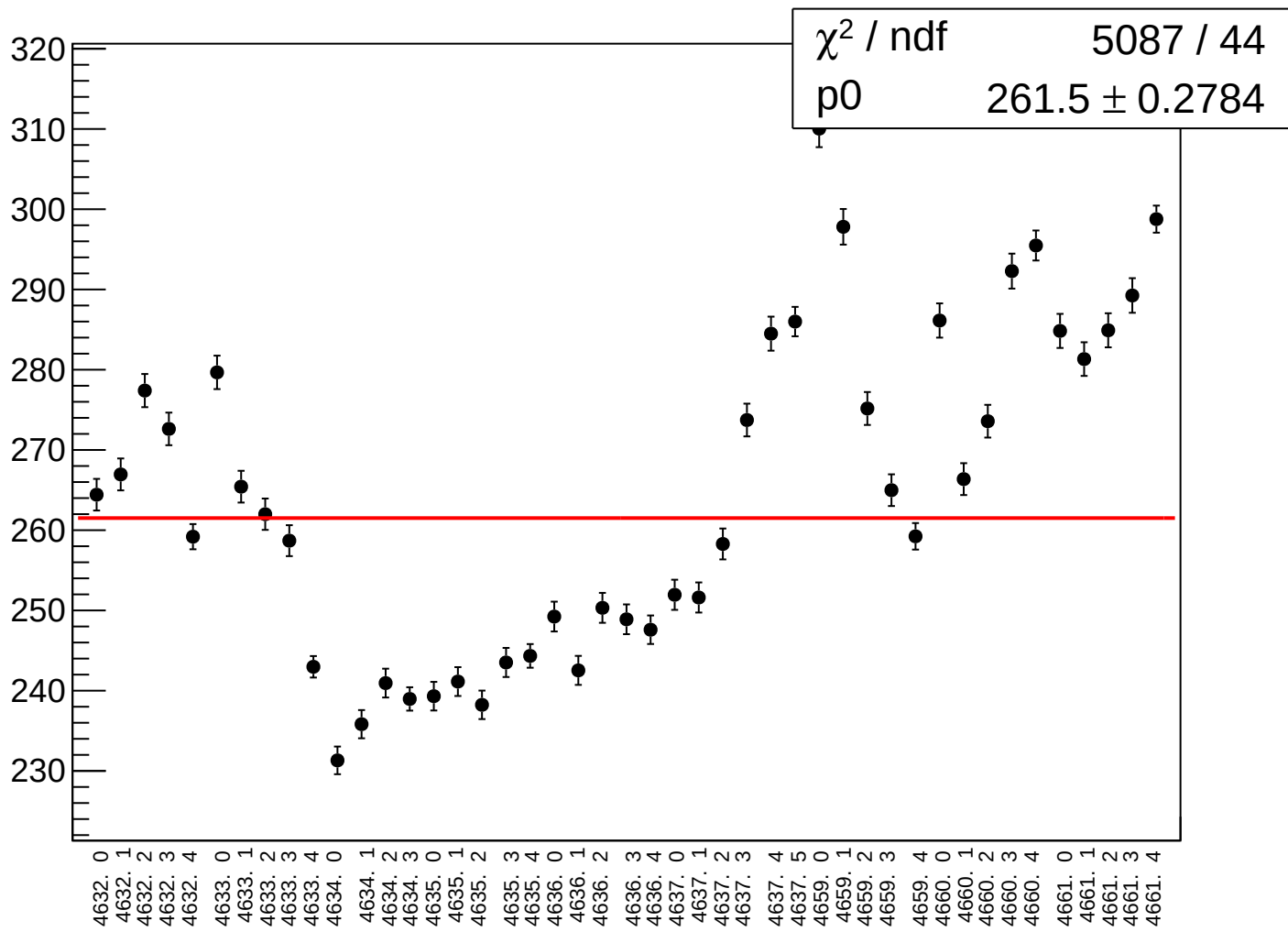
cor_dsr_rms vs run



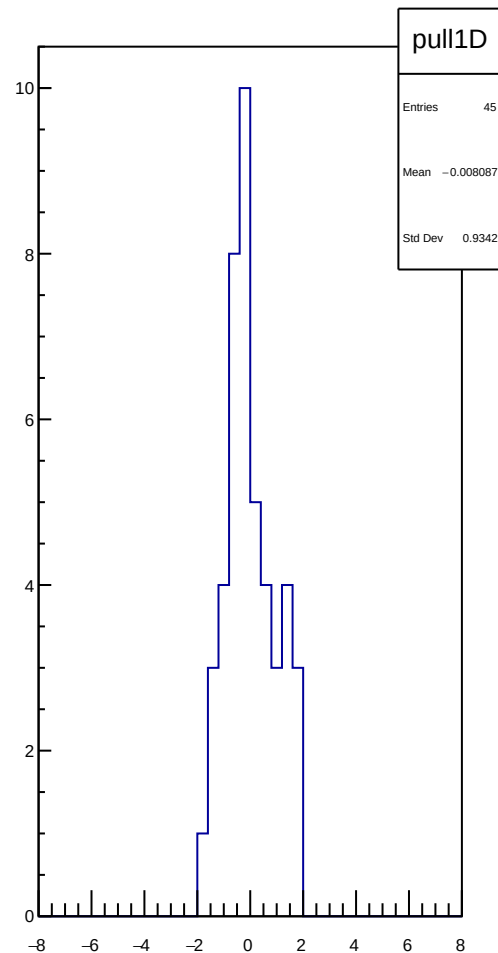
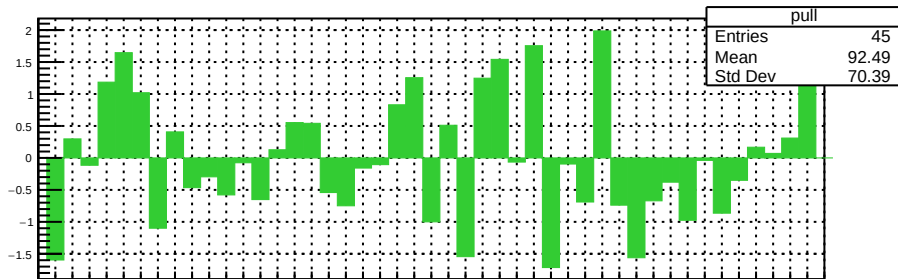
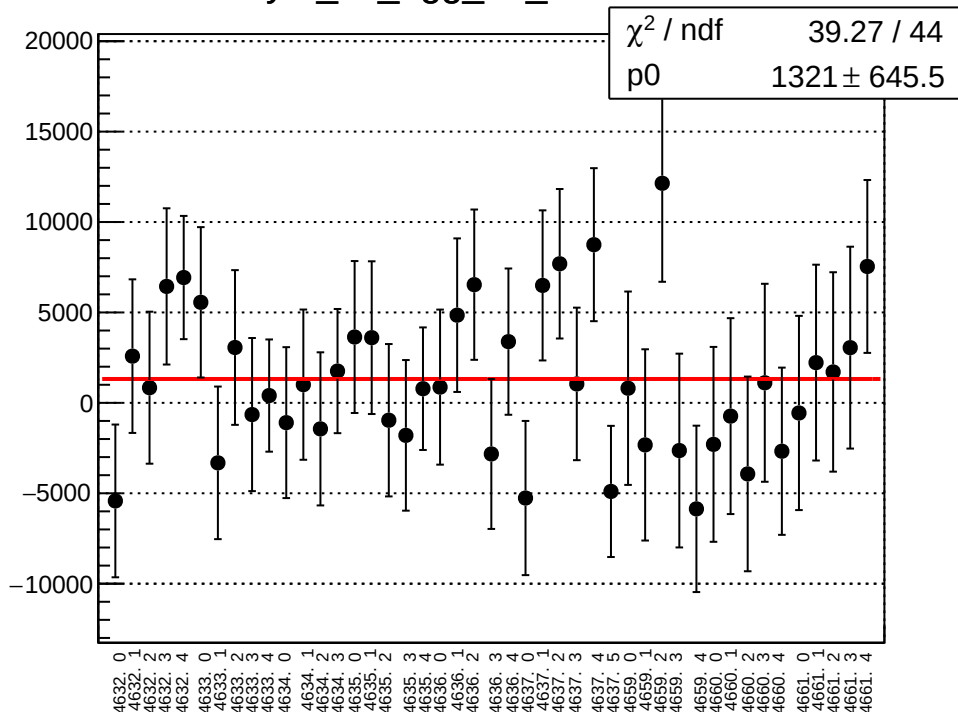
asym_us_agg_avg_mean vs run



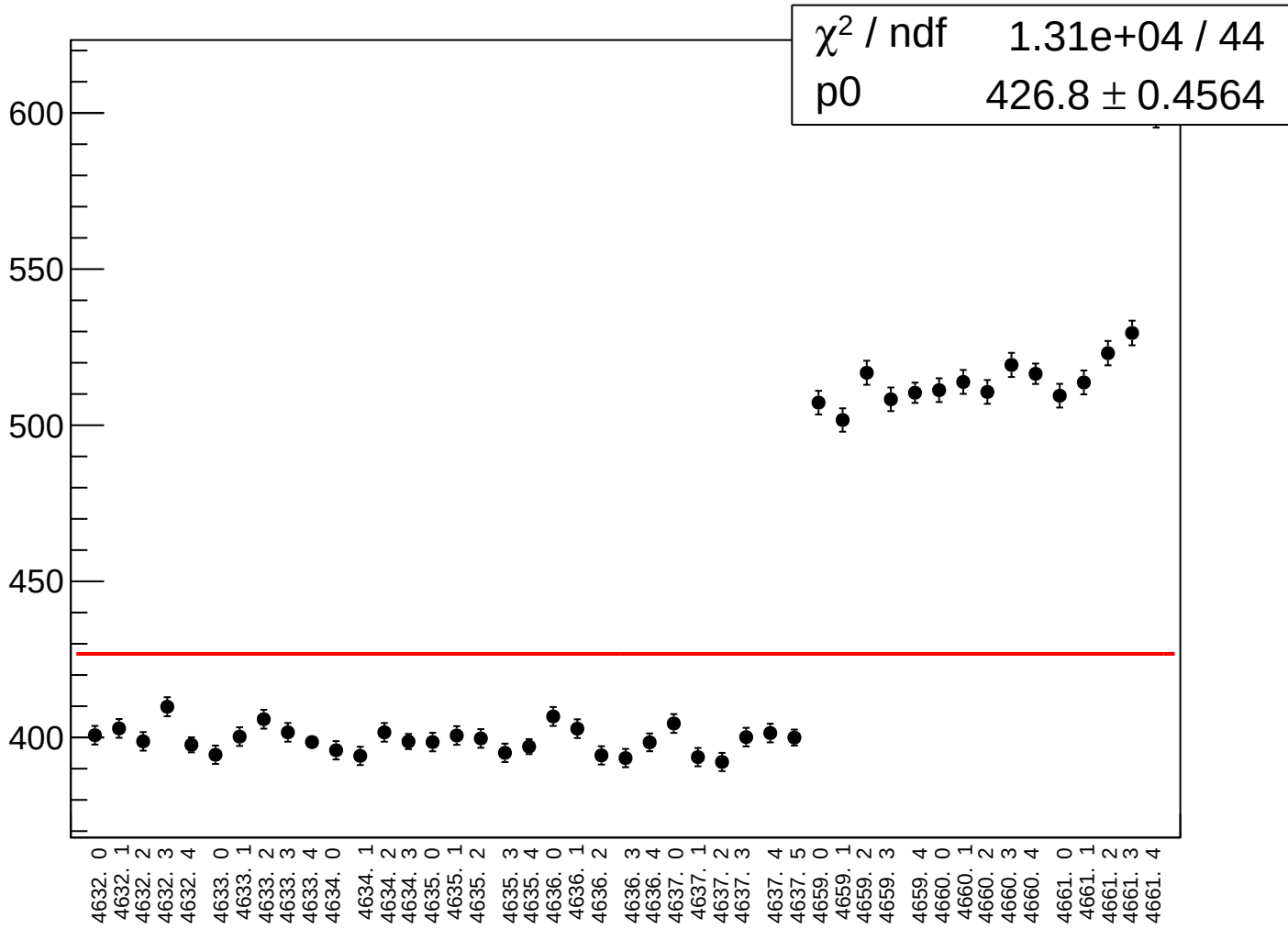
asym_us_agg_avg_rms vs run



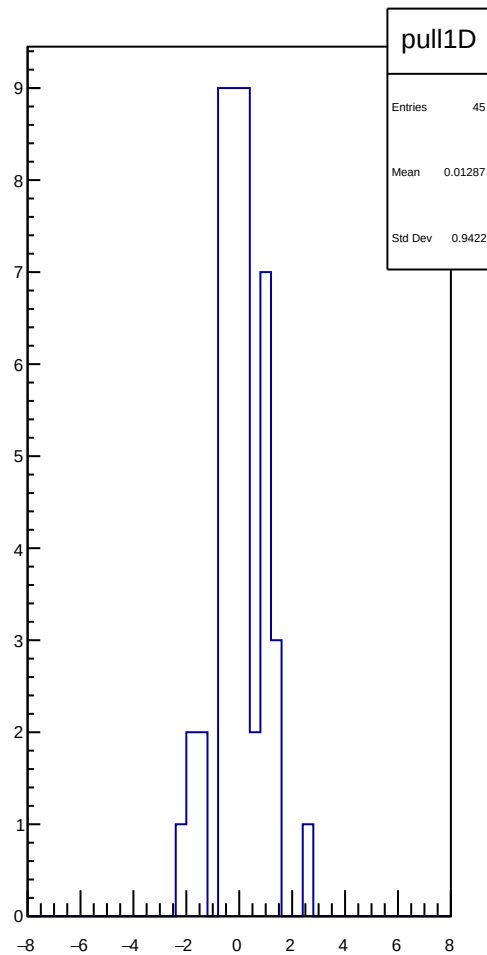
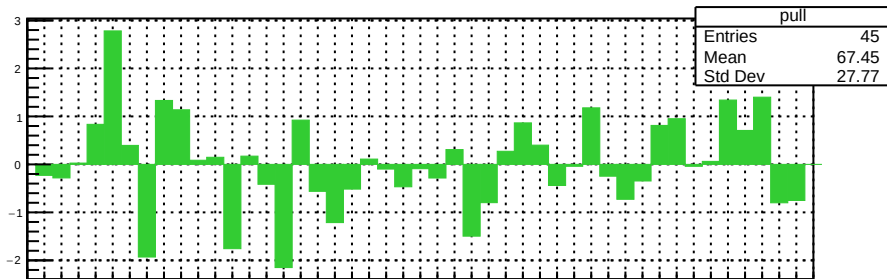
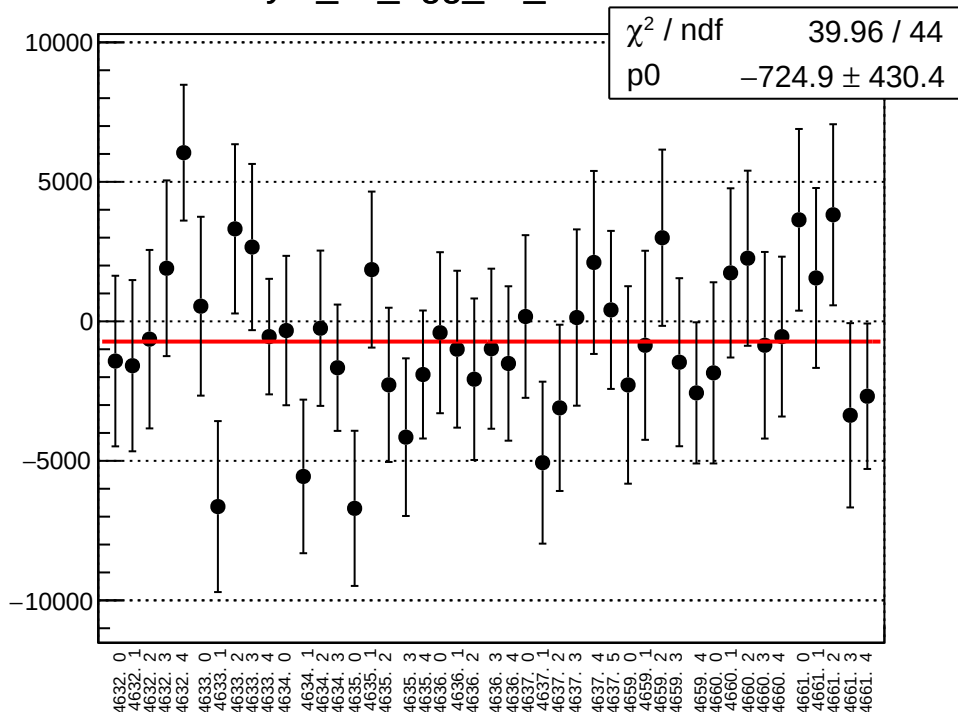
asym_us_agg_dd_mean vs run



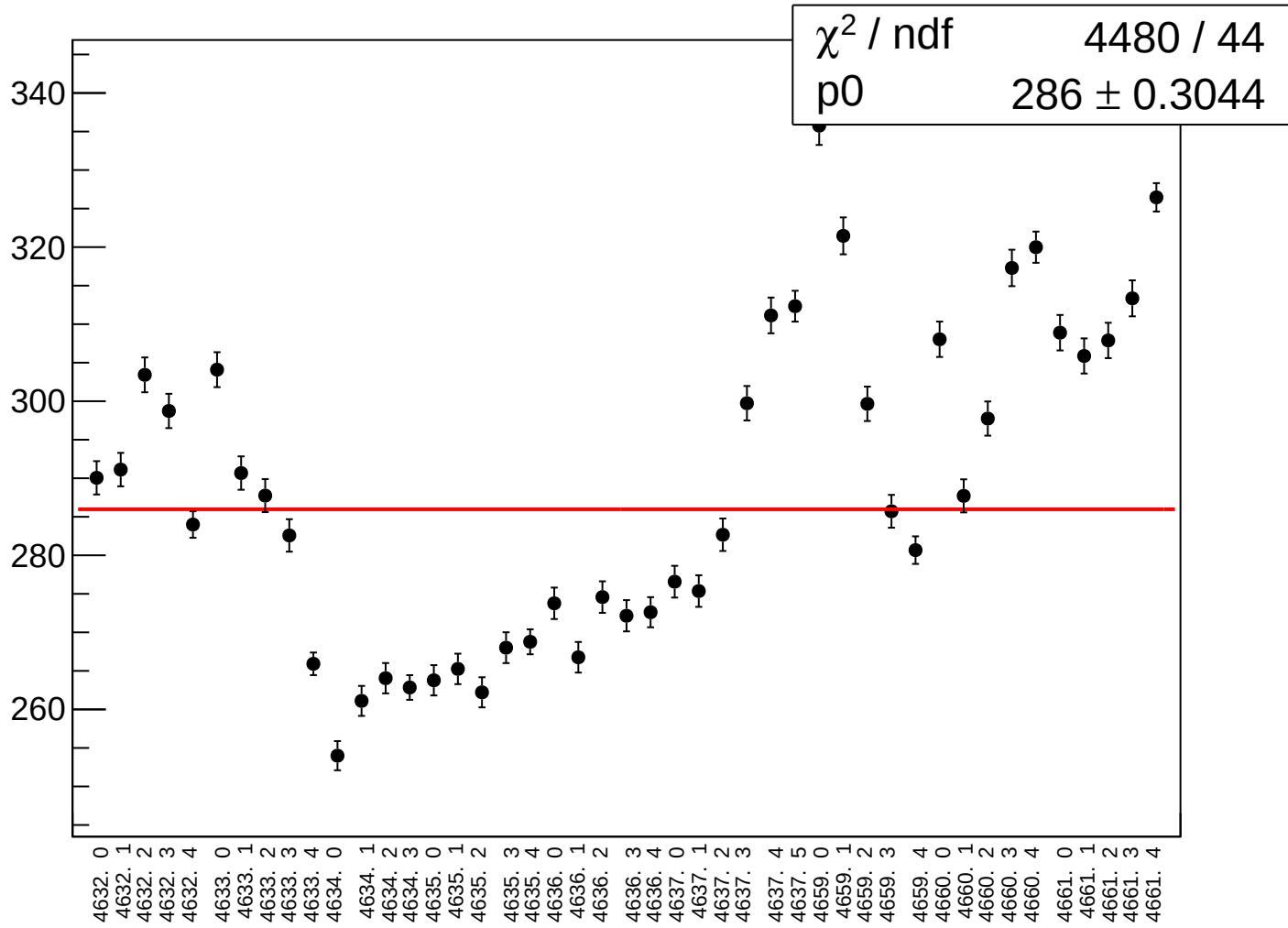
asym_us_agg_dd_rms vs run



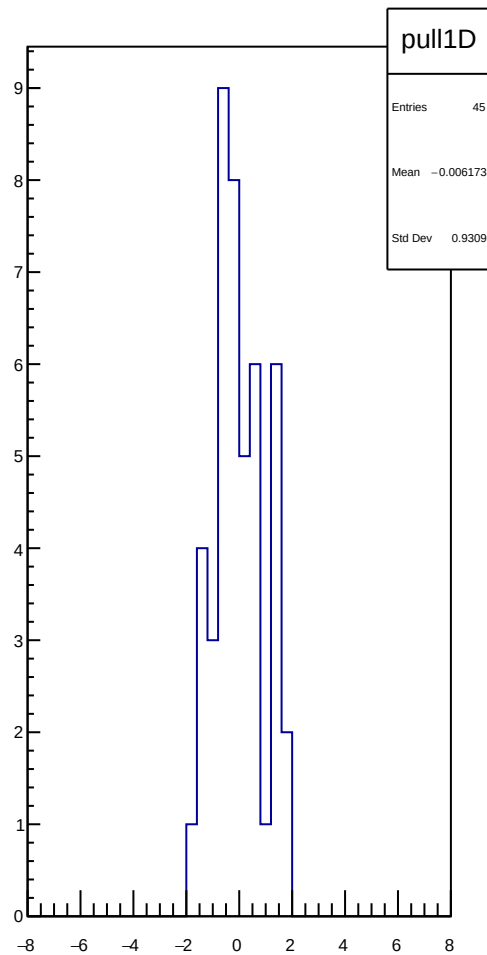
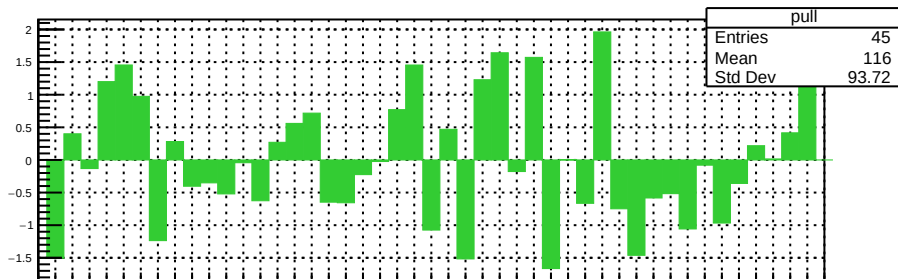
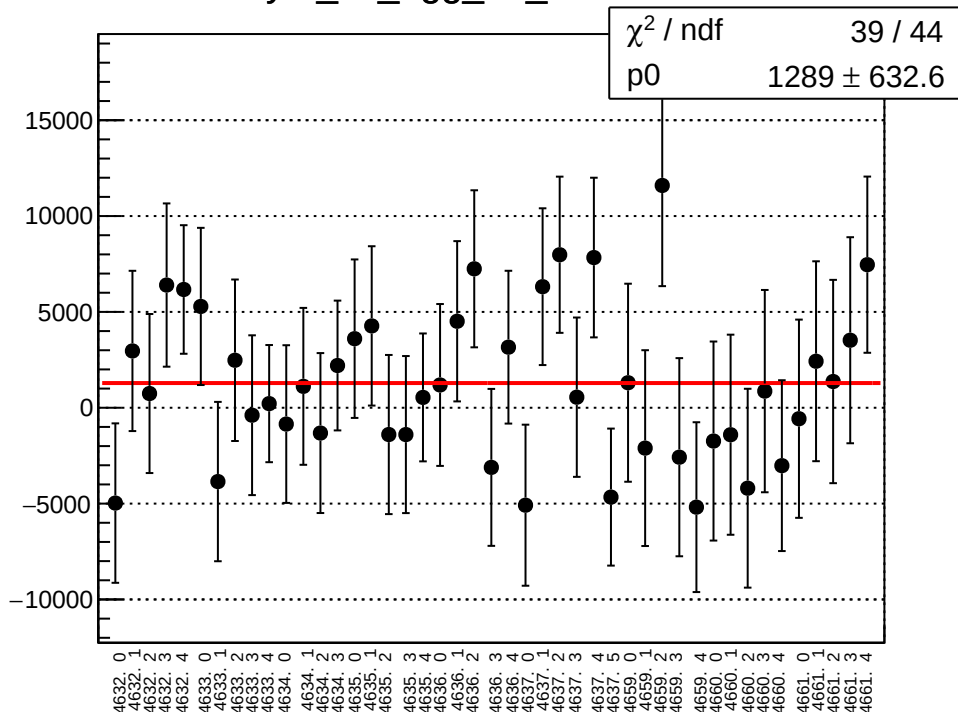
asym_ds_agg_av_mean vs run



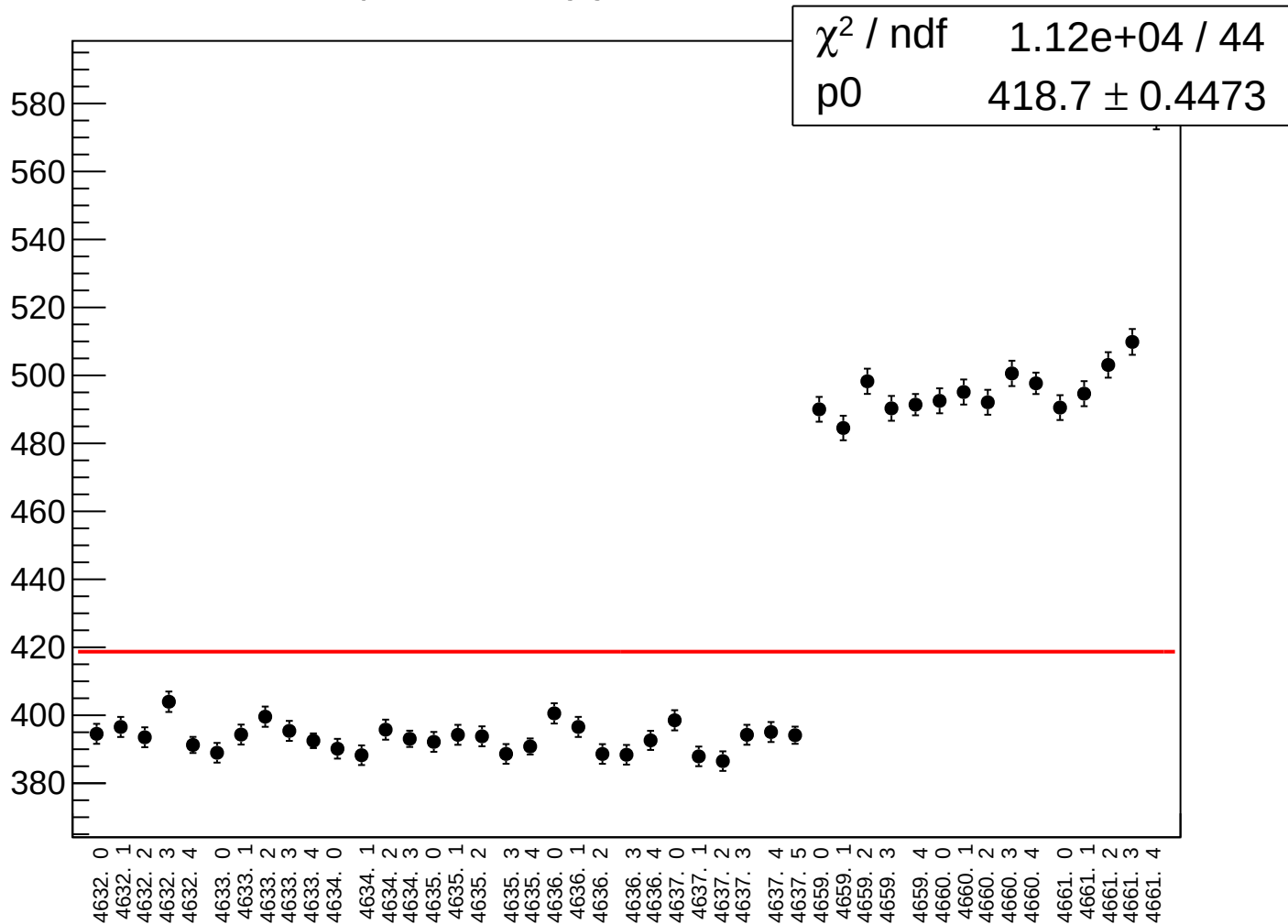
asym_ds_agg_av_rms vs run



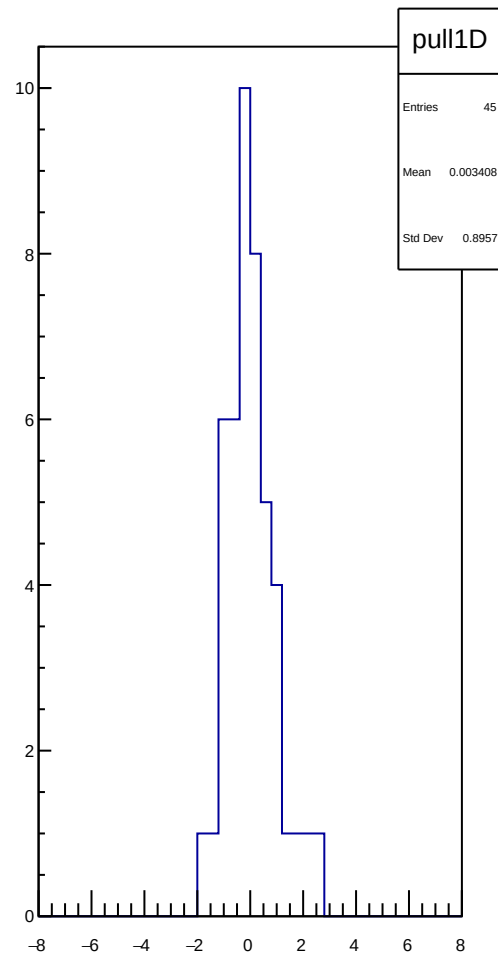
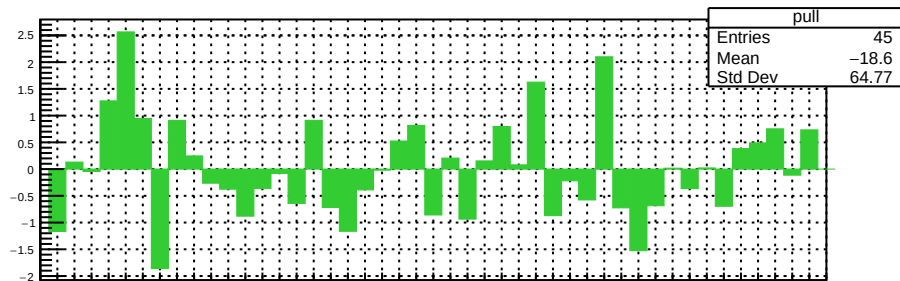
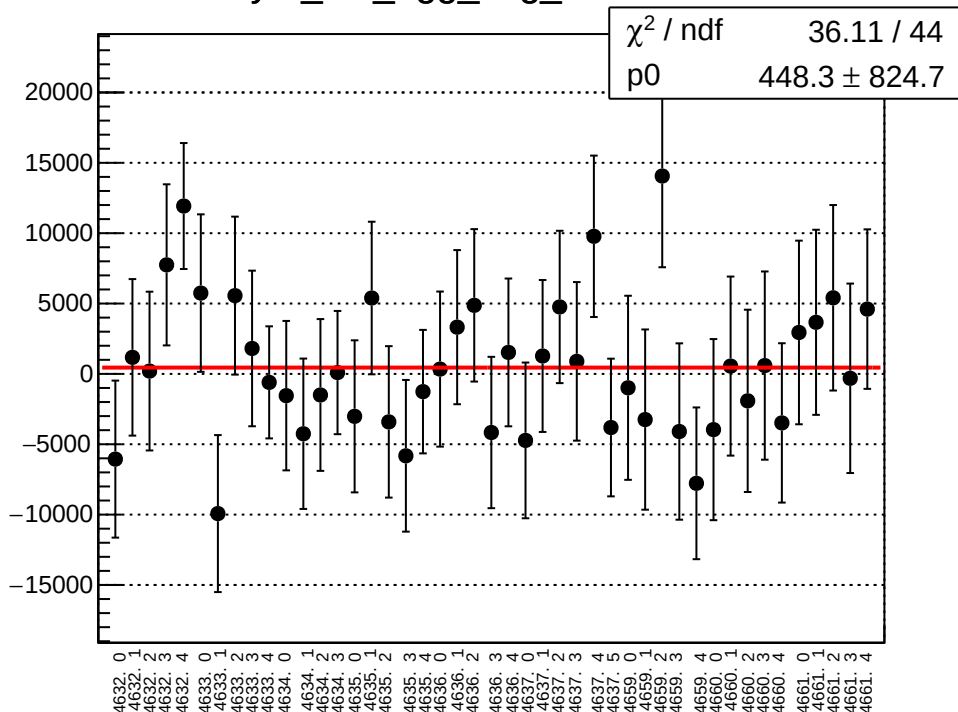
asym_ds_agg_dd_mean vs run



asym_ds_agg_dd_rms vs run



asym_left_agg_avg_mean vs run



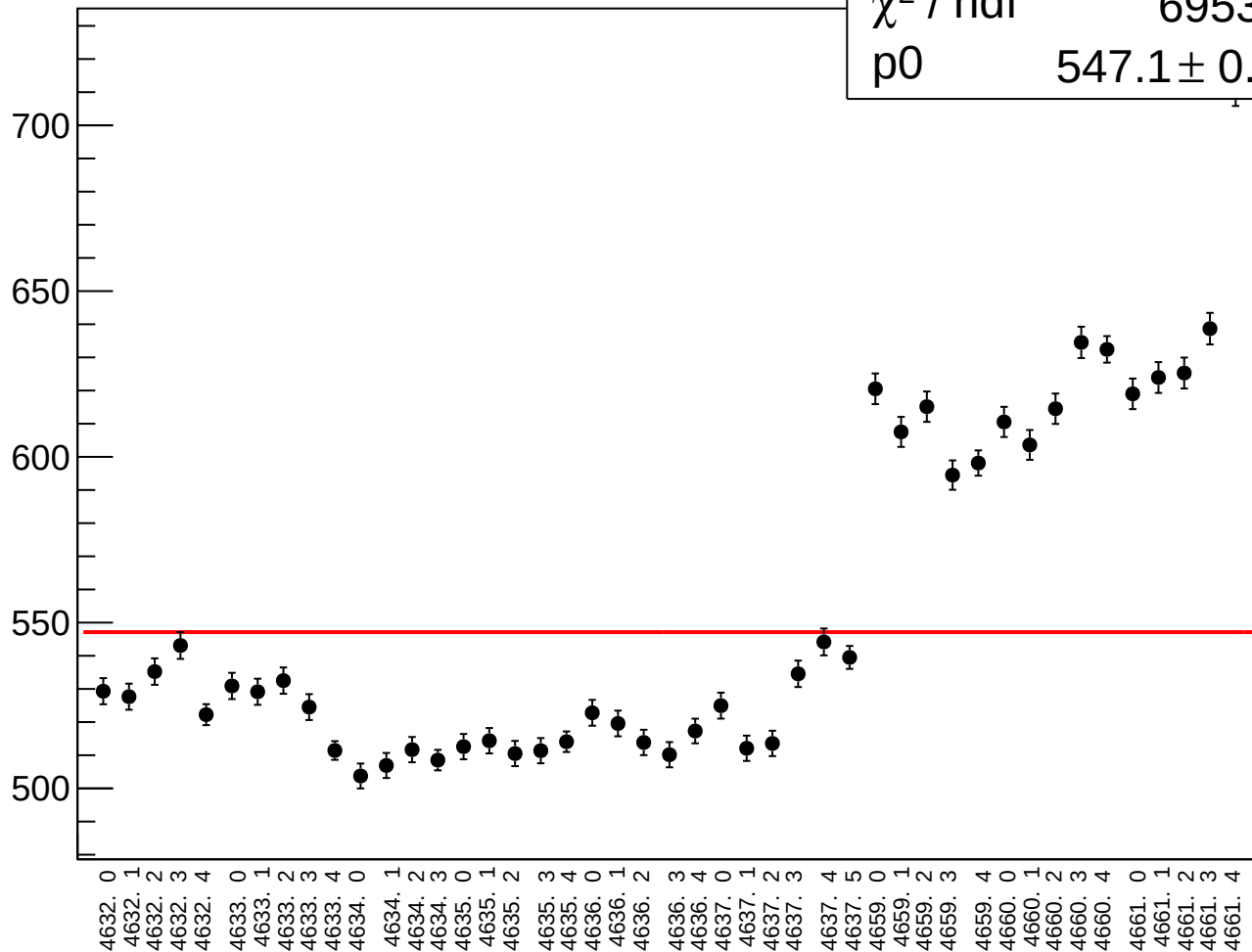
asym_left_agg_avg_rms vs run

χ^2 / ndf

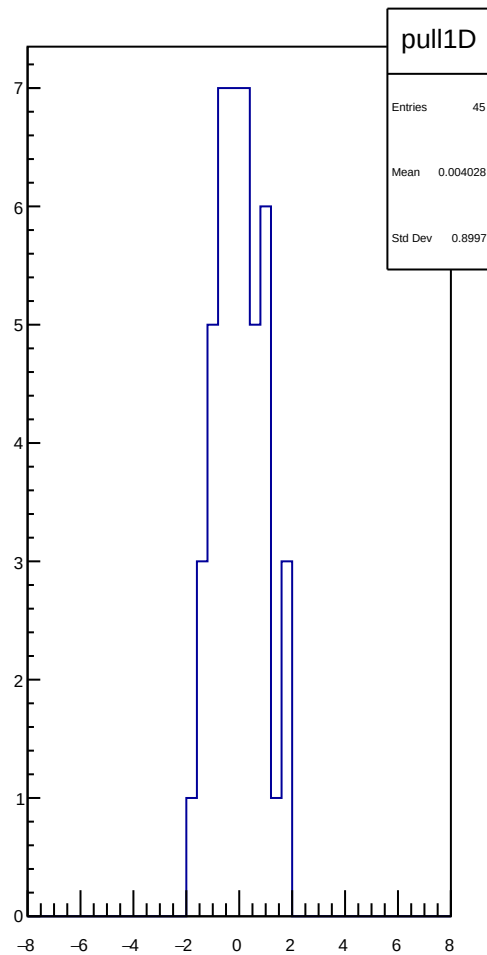
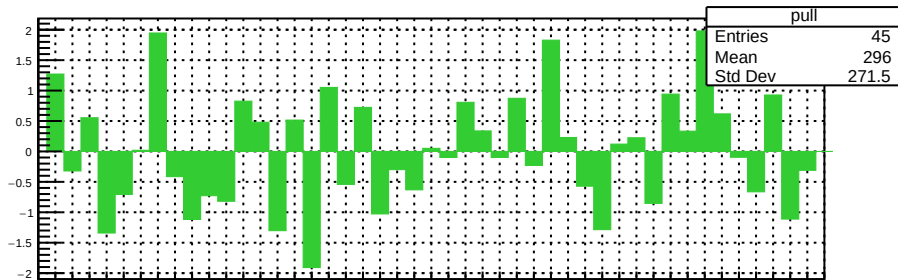
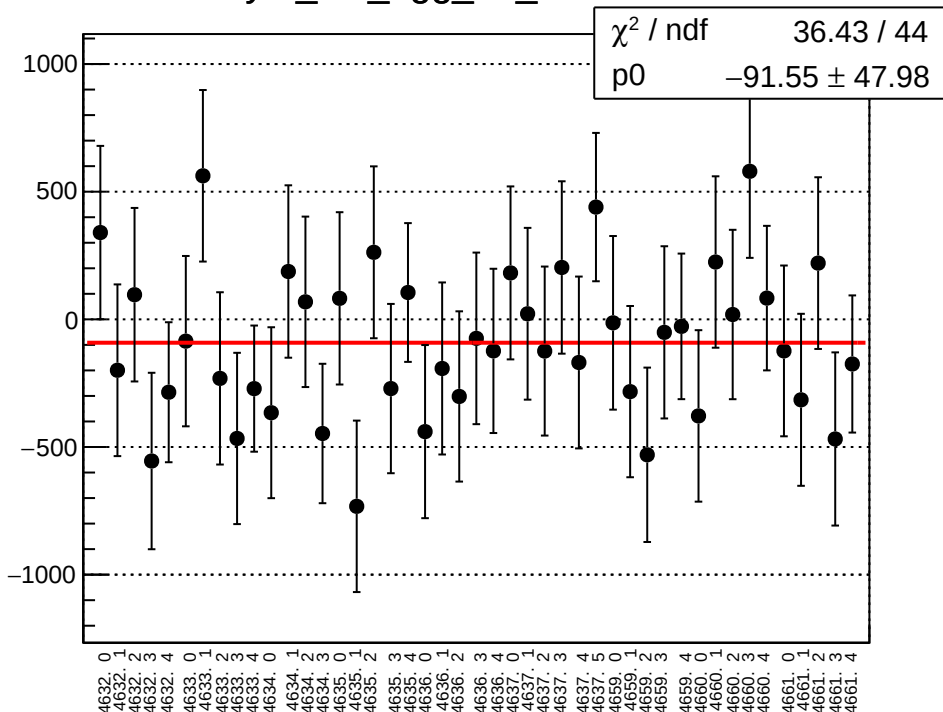
6953 / 44

p0

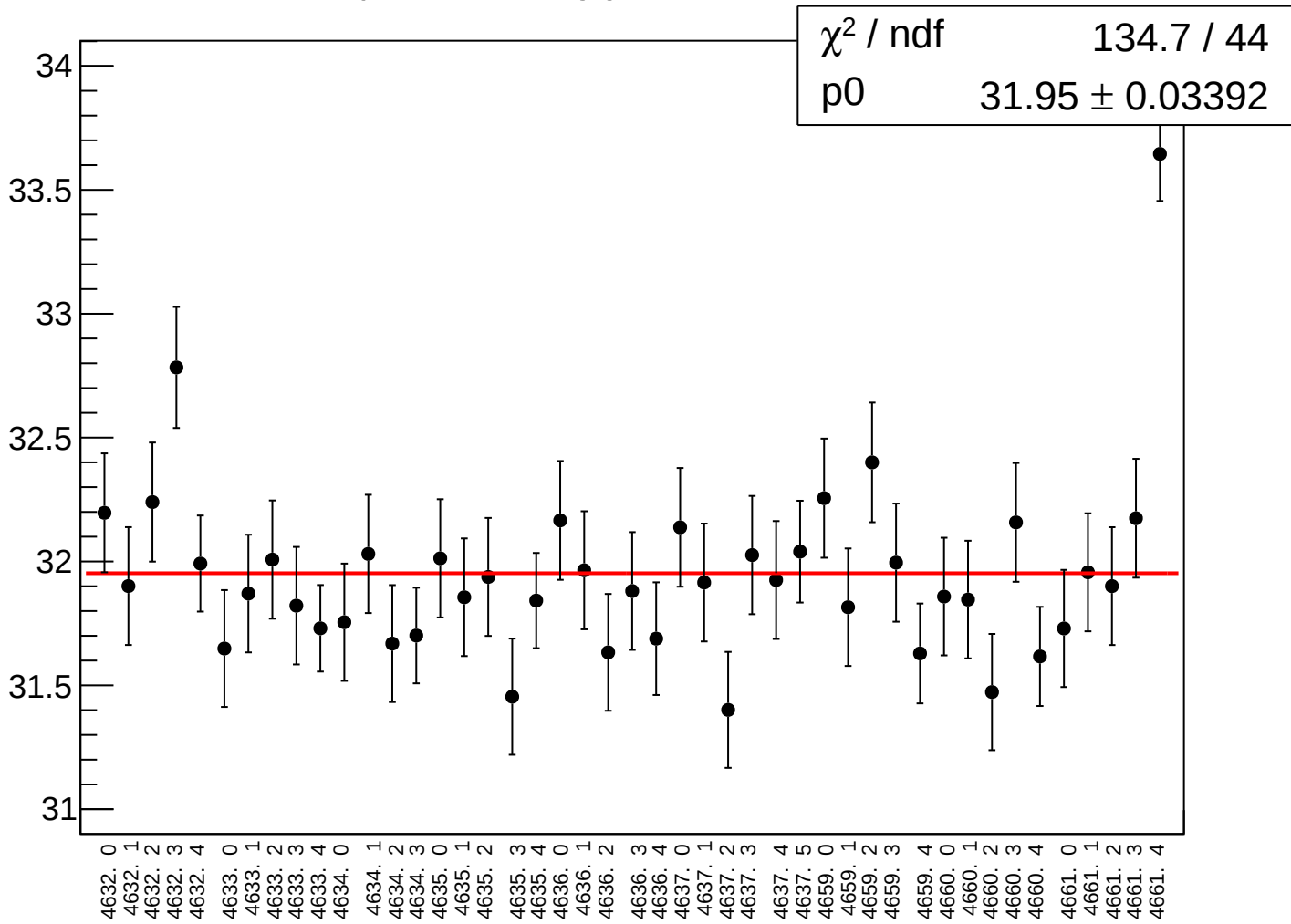
547.1 ± 0.5831



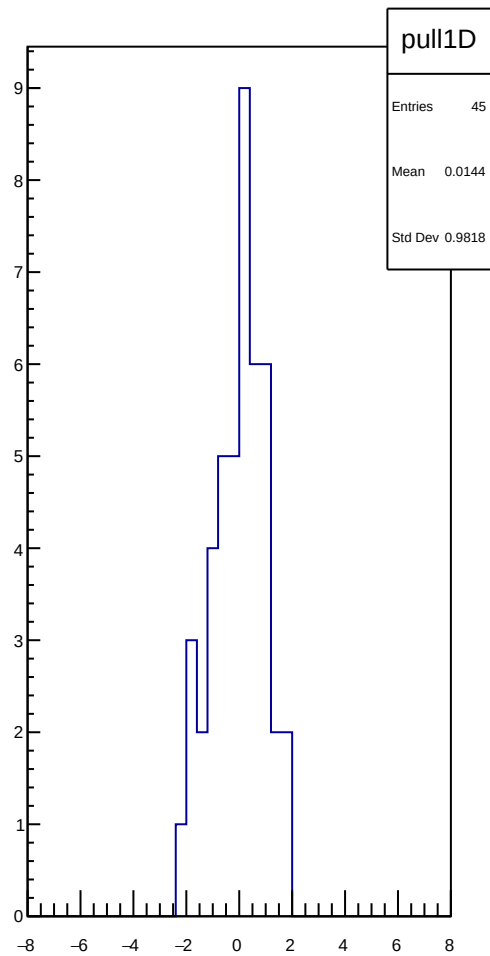
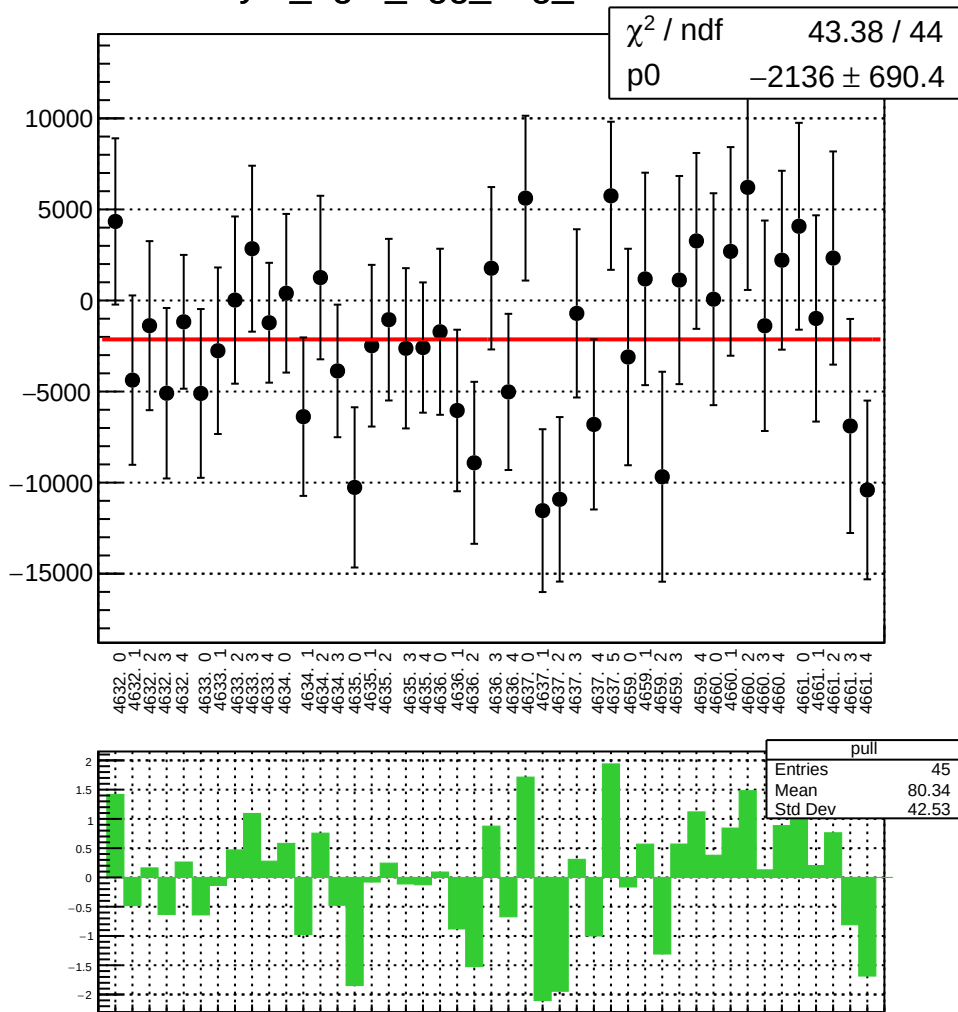
asym_left_agg_dd_mean vs run



asym_left_agg_dd_rms vs run

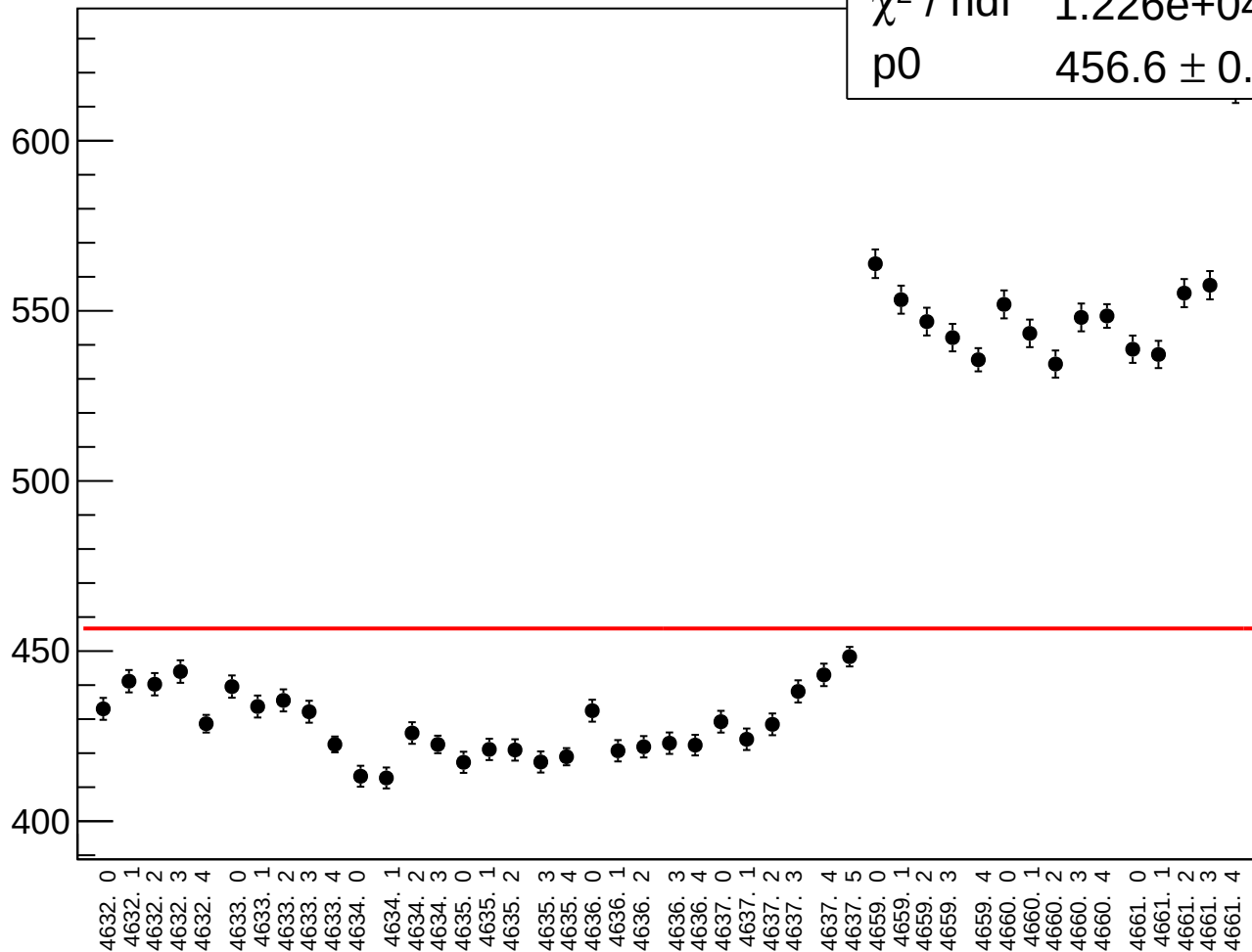


asym_right_agg_avg_mean vs run

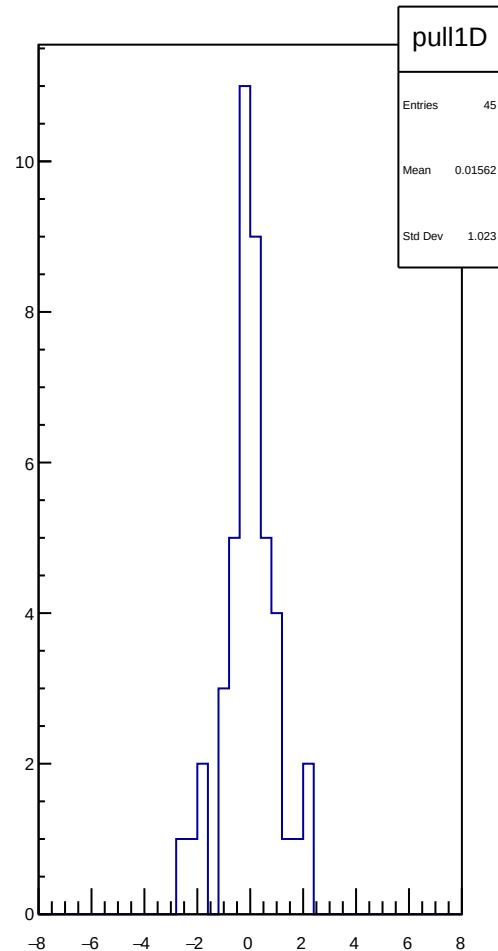
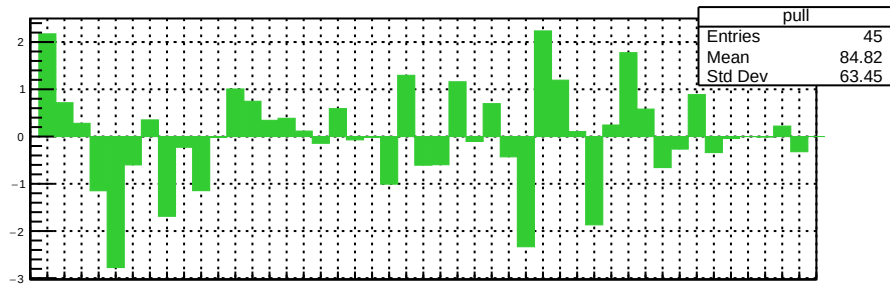
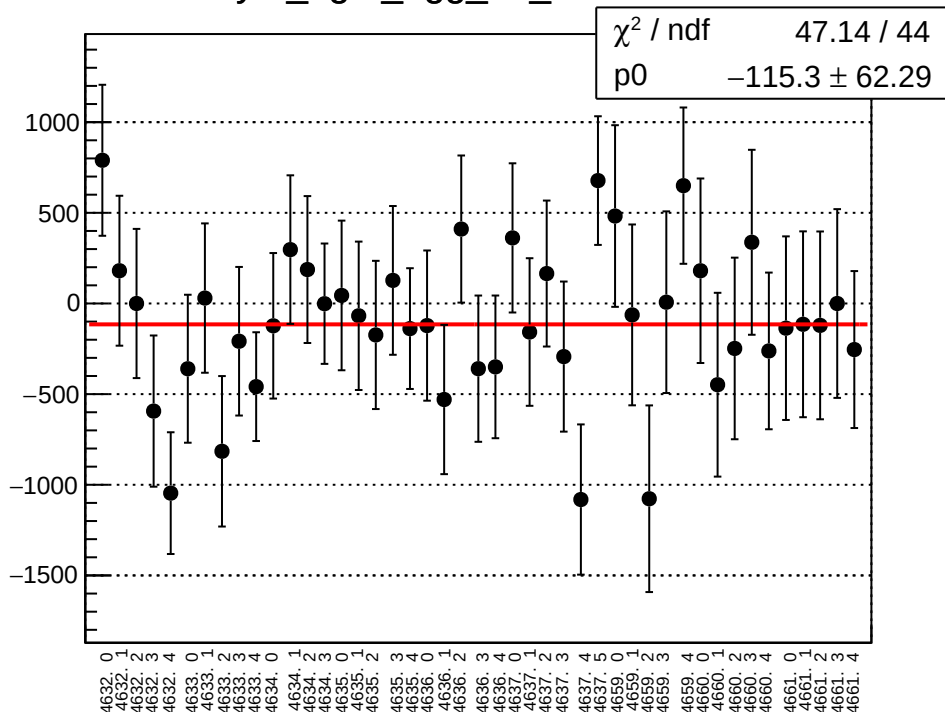


asym_right_agg_avg_rms vs run

χ^2 / ndf 1.226e+04 / 44
p0 456.6 $\pm$ 0.4882



asym_right_agg_dd_mean vs run



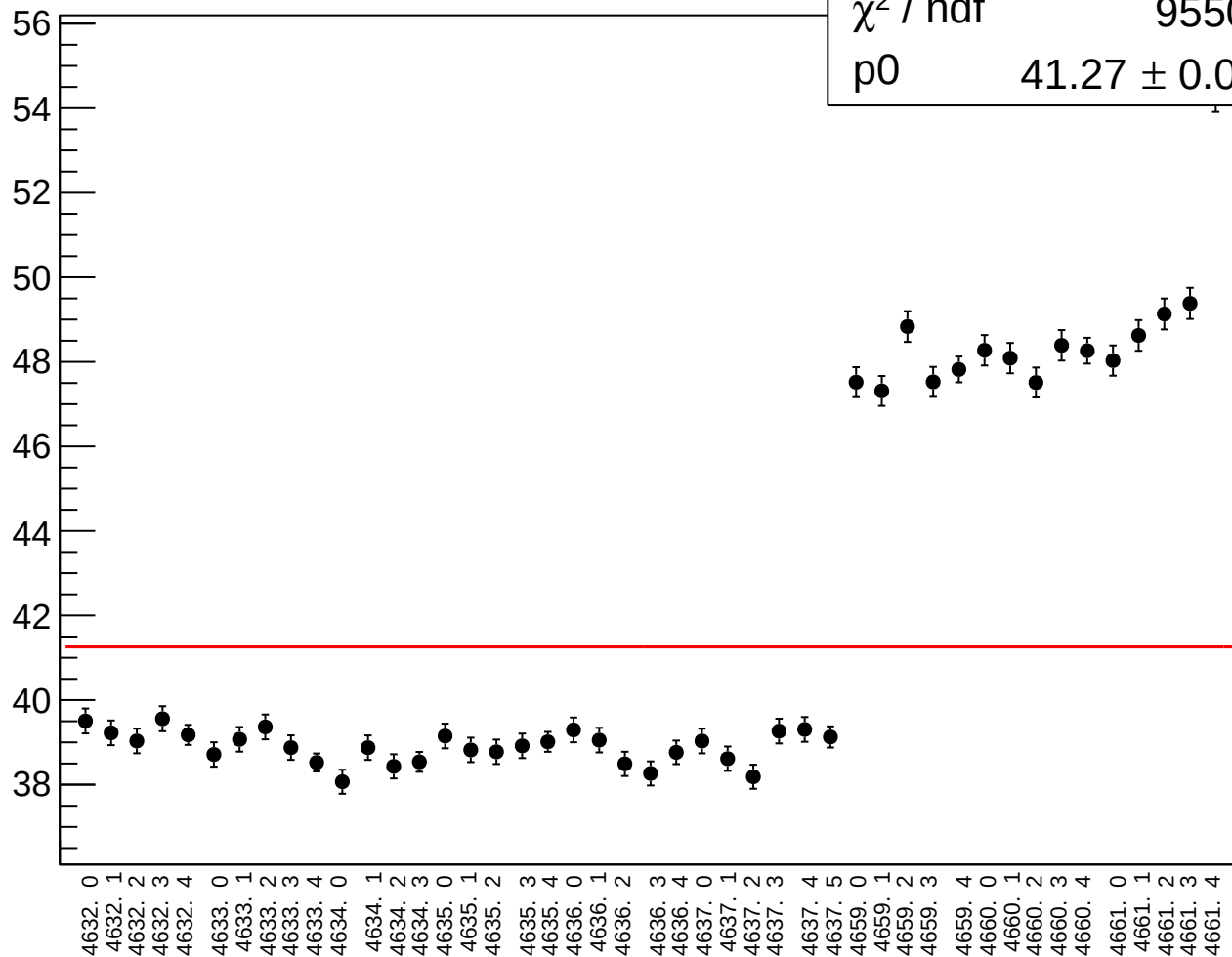
asym_right_agg_dd_rms vs run

χ^2 / ndf

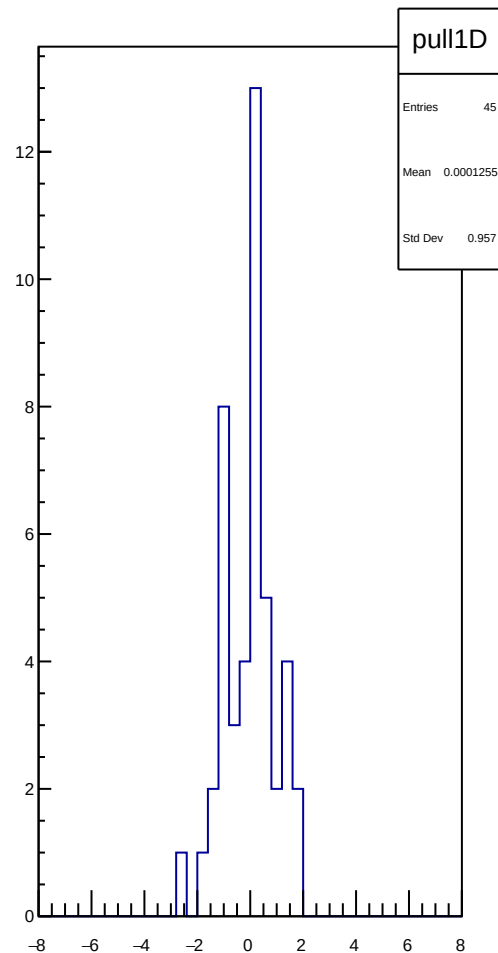
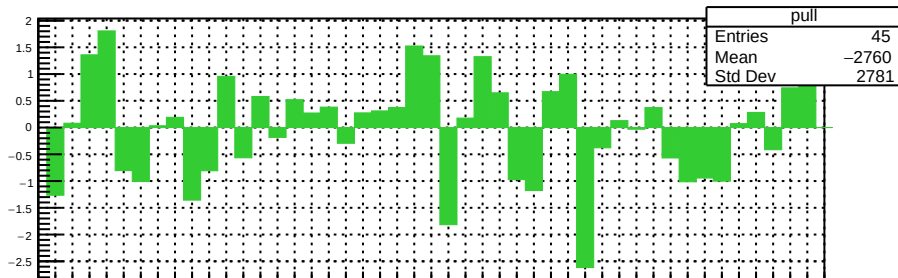
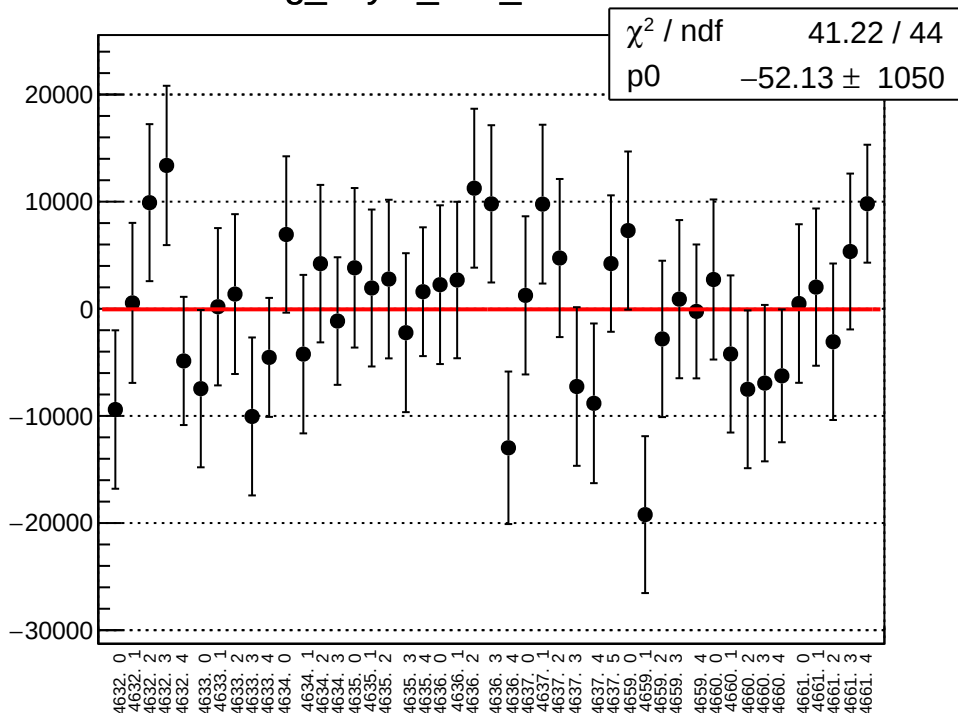
9550 / 44

p0

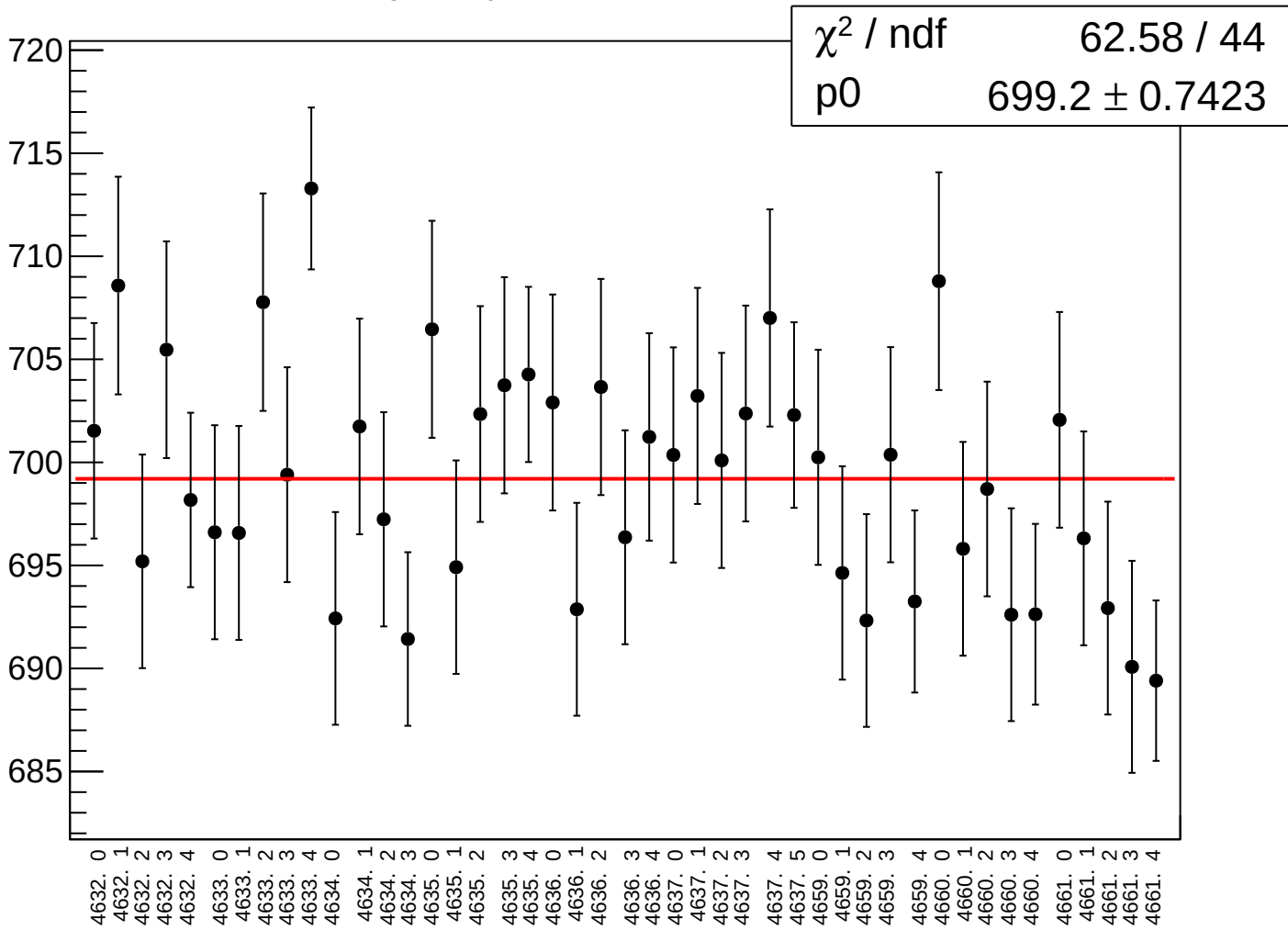
41.27 ± 0.04405



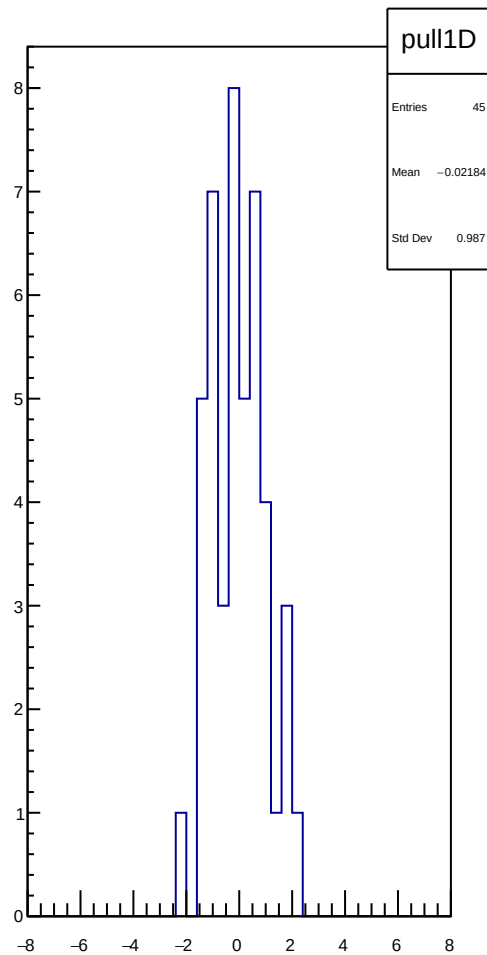
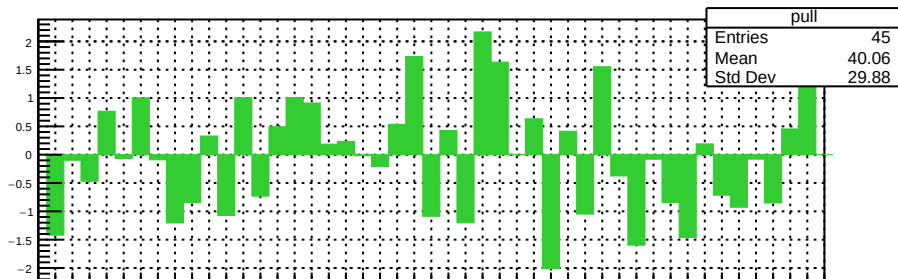
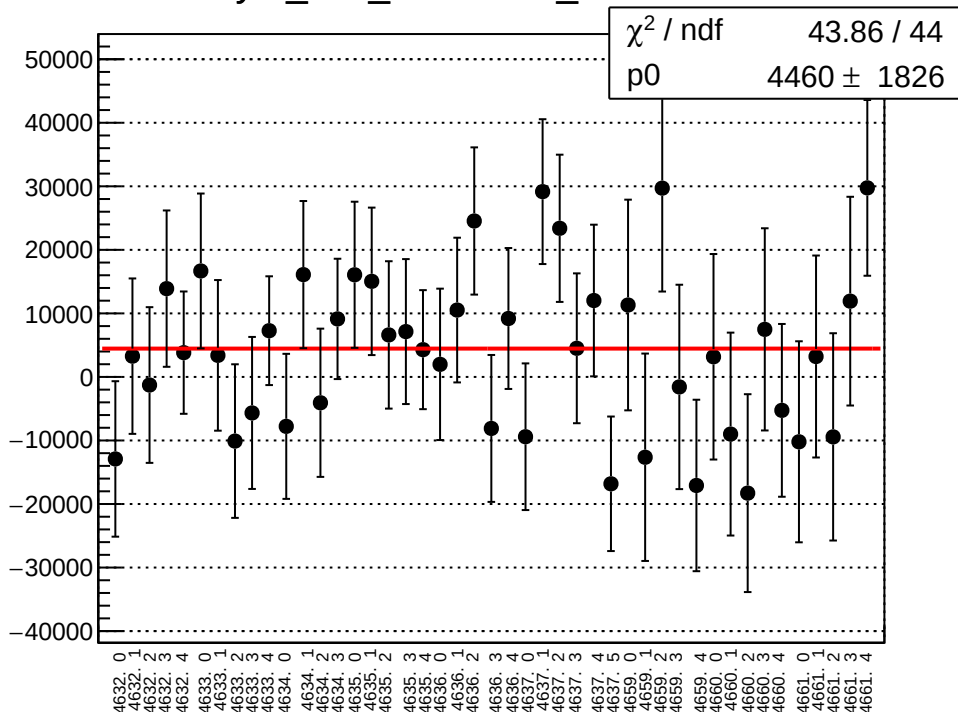
reg_asym_atl1_mean vs run



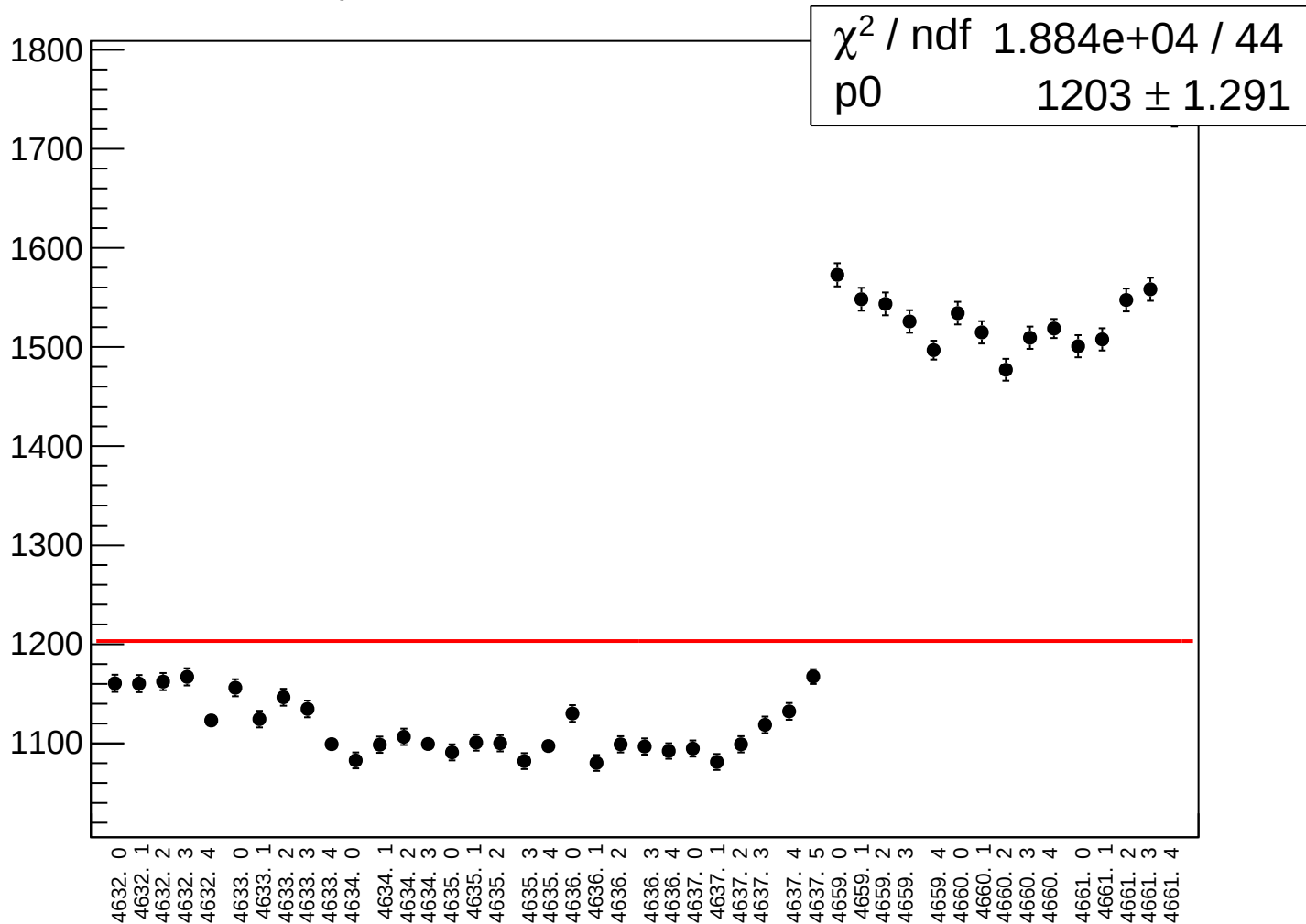
reg_asym_atl1_rms vs run



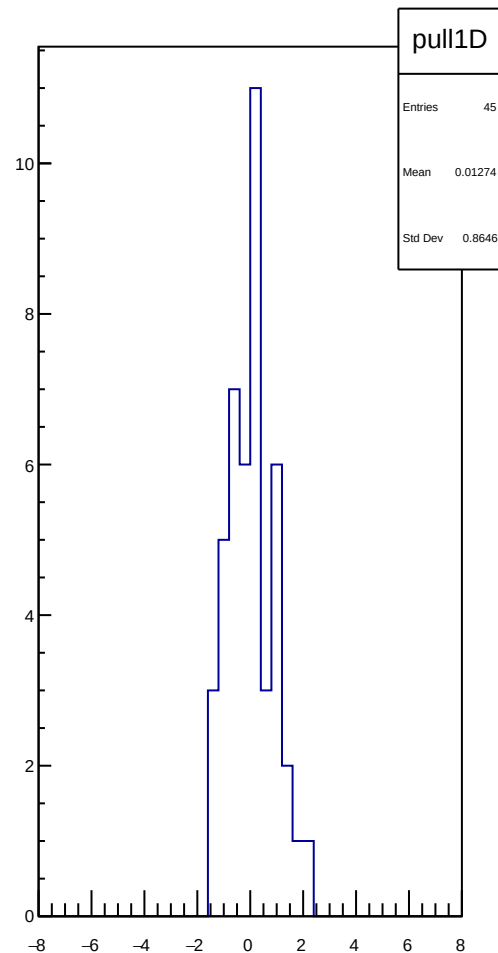
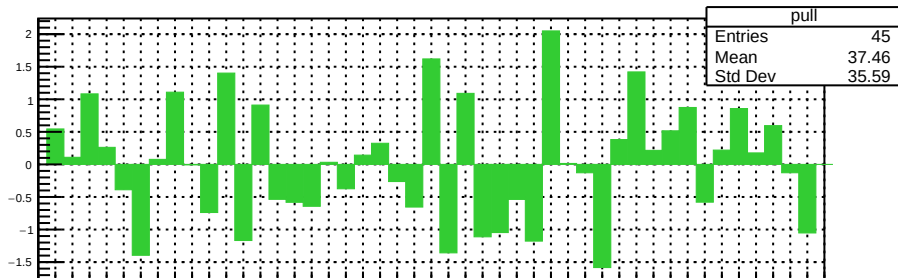
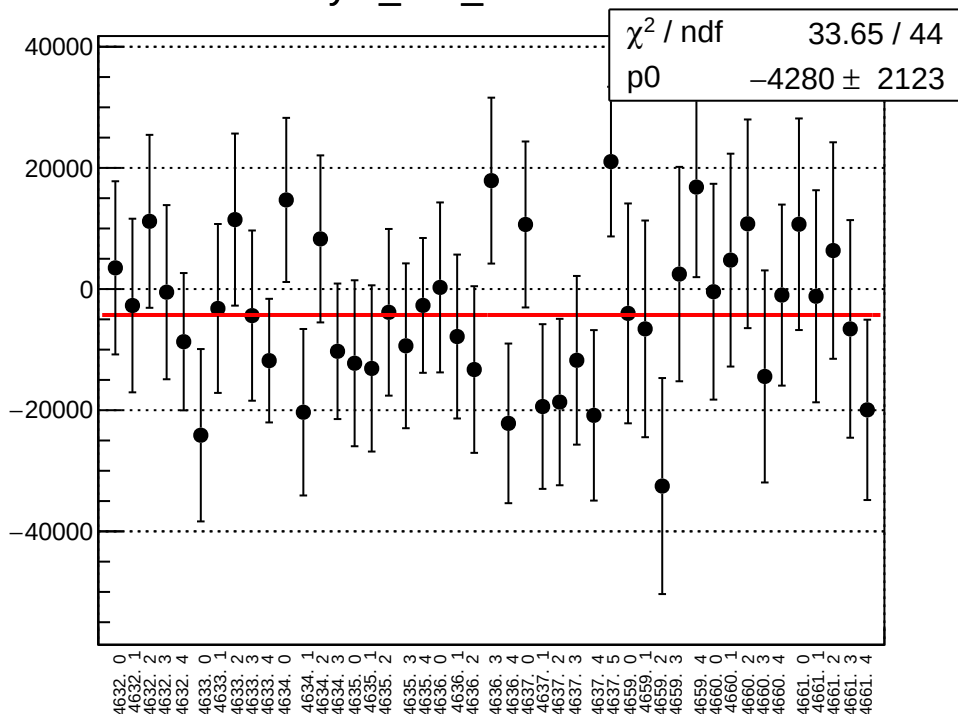
asym_atl1_correction_mean vs run



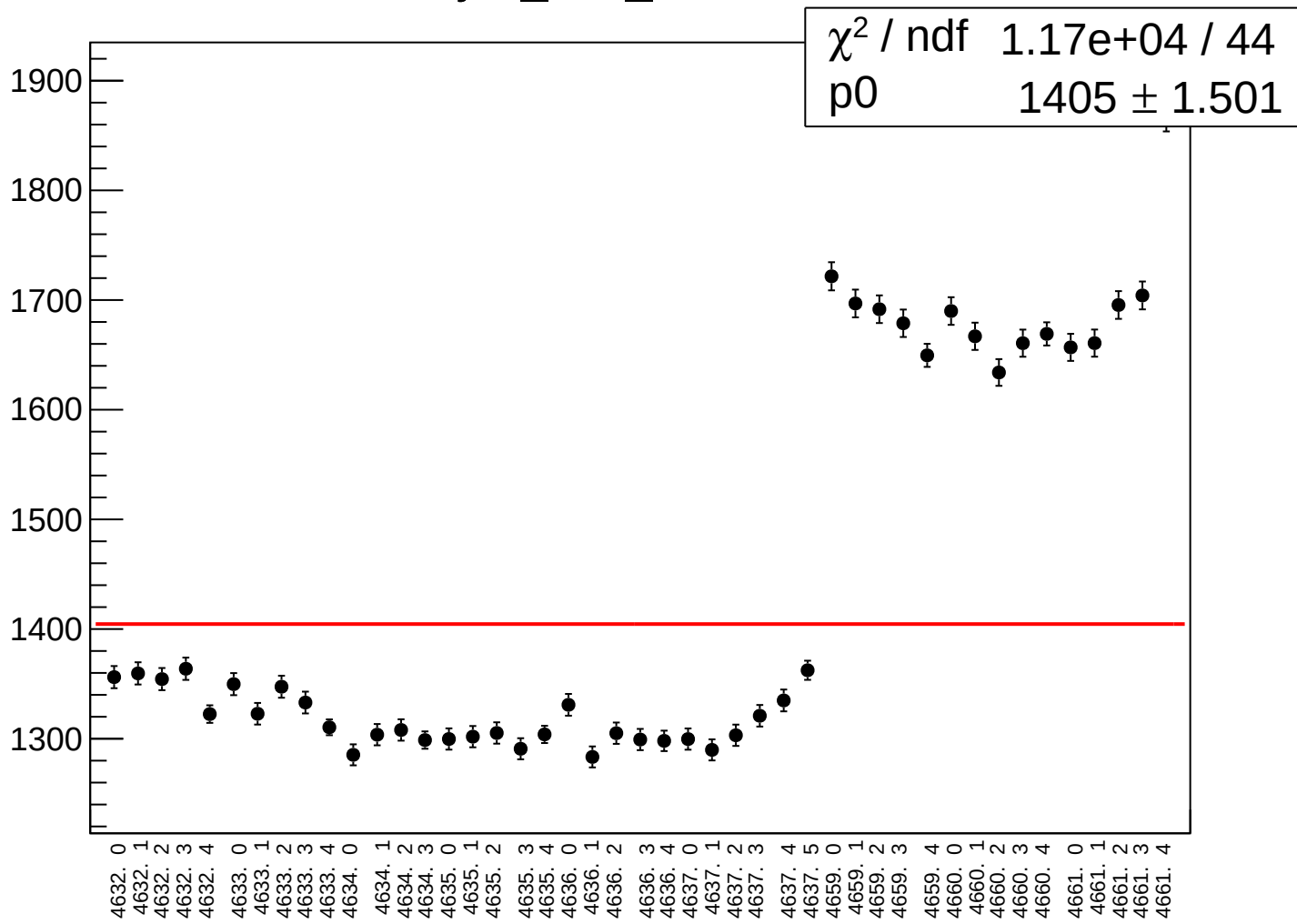
asym_atl1_correction_rms vs run



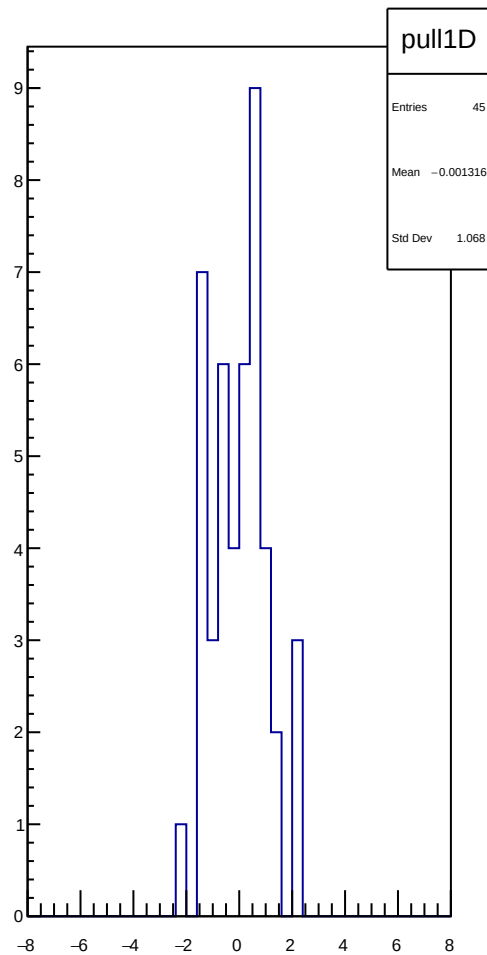
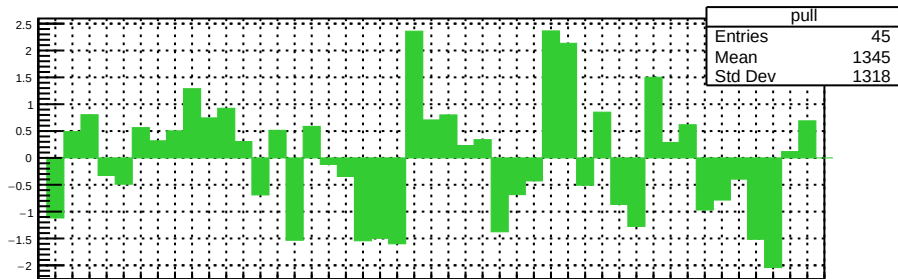
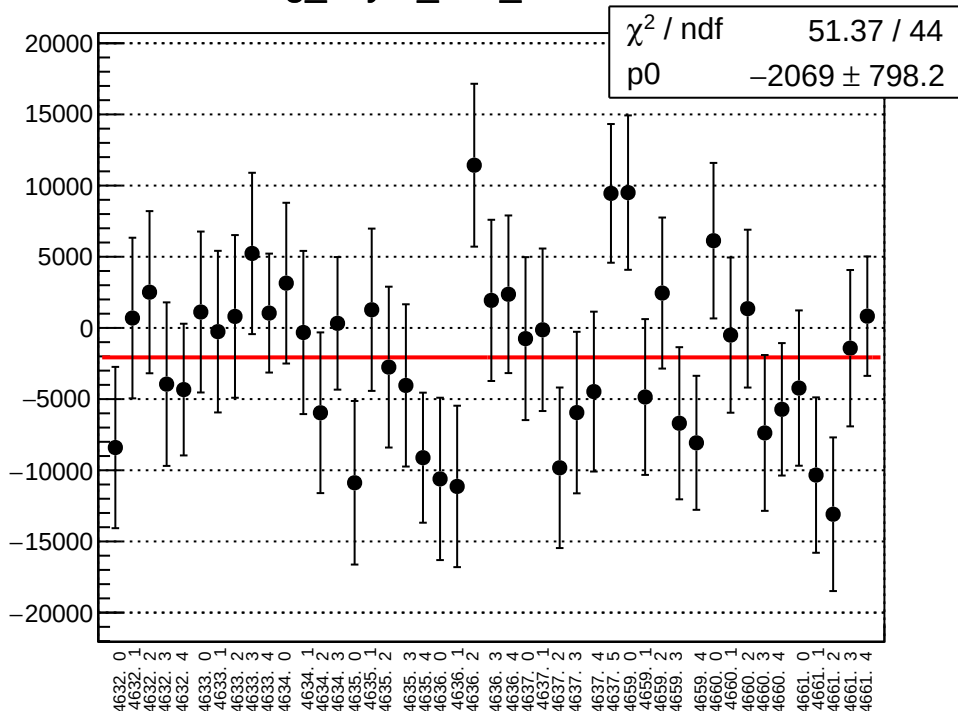
asym_atl1_mean vs run



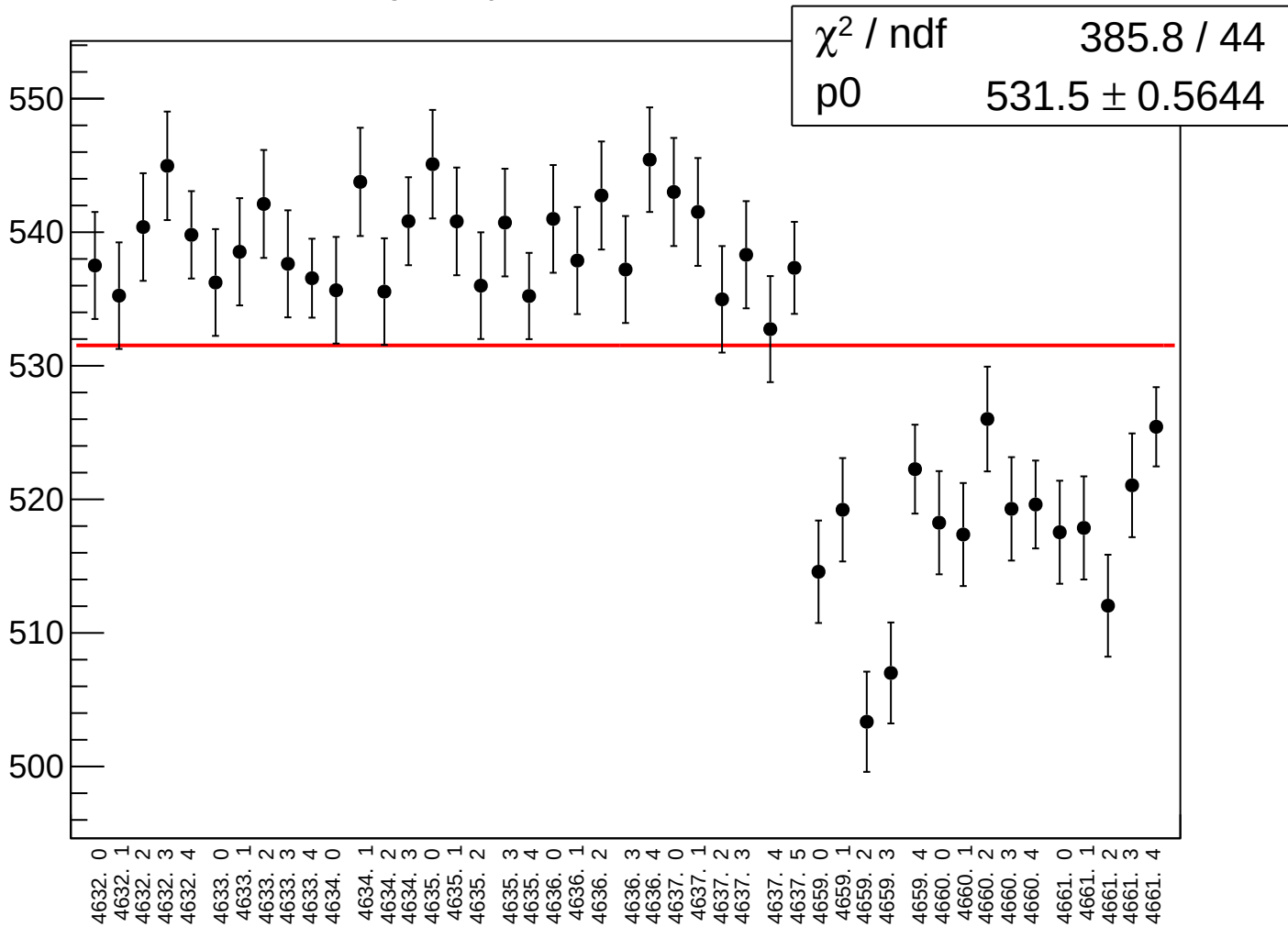
asym_atl1_rms vs run



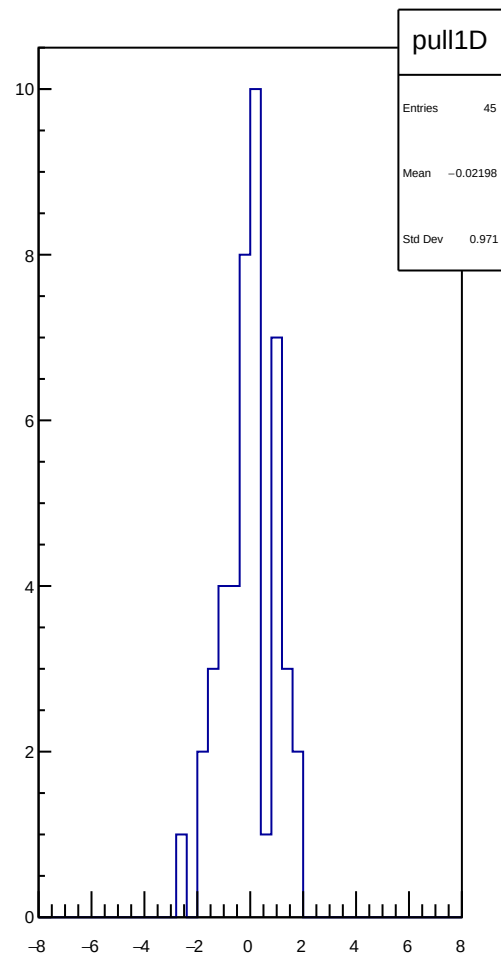
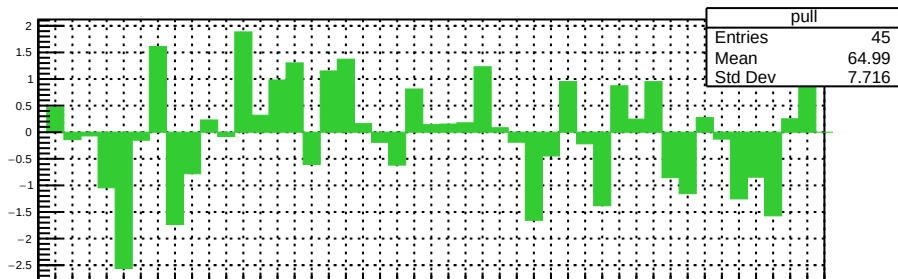
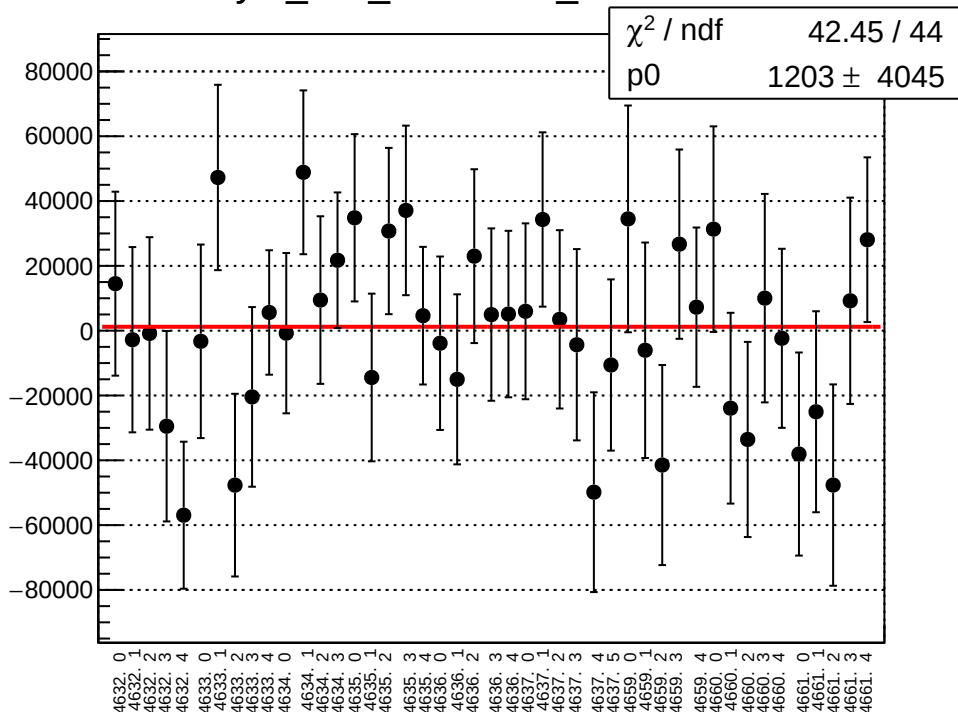
reg_asym_atl2_mean vs run



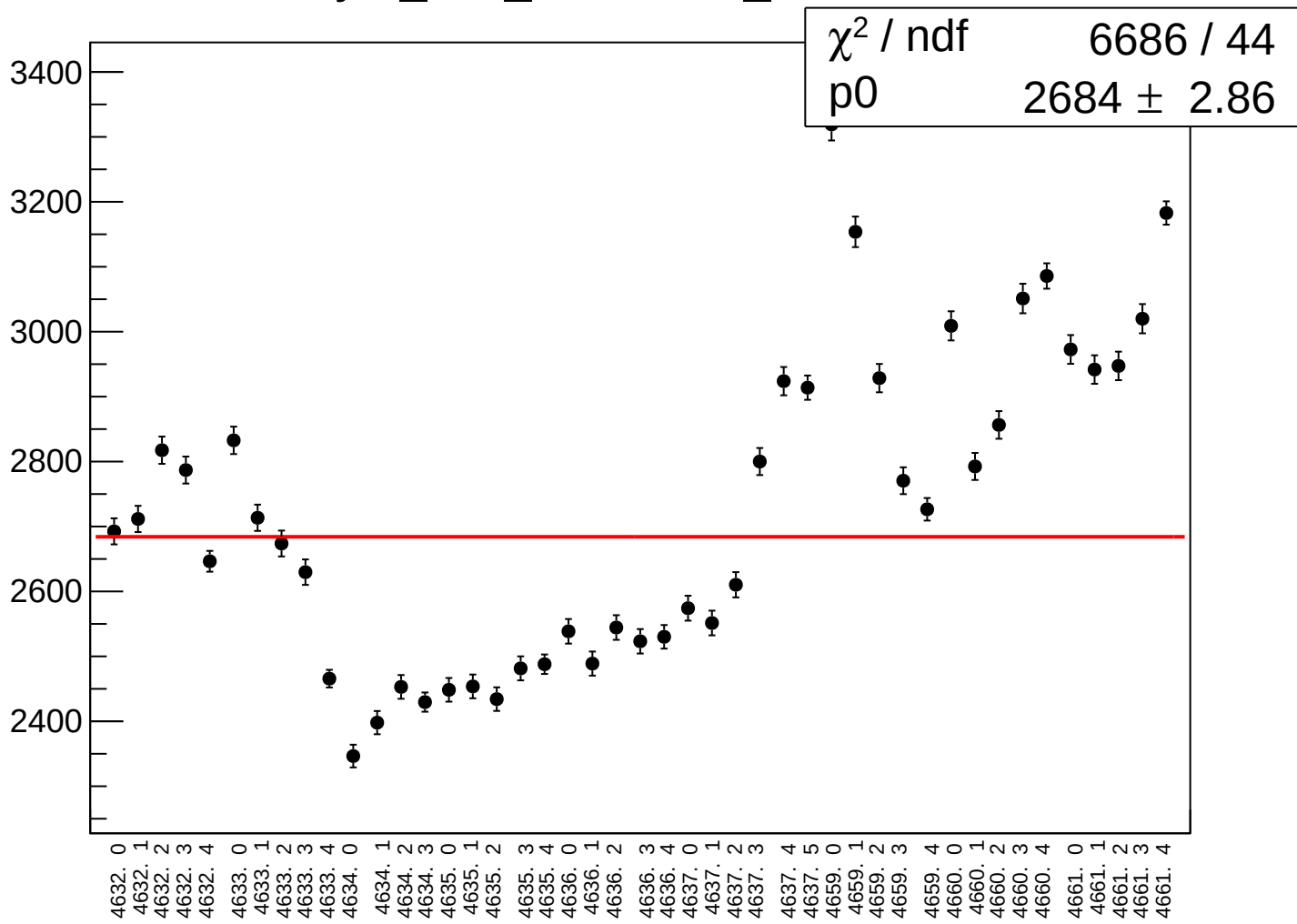
reg_asym_atl2_rms vs run



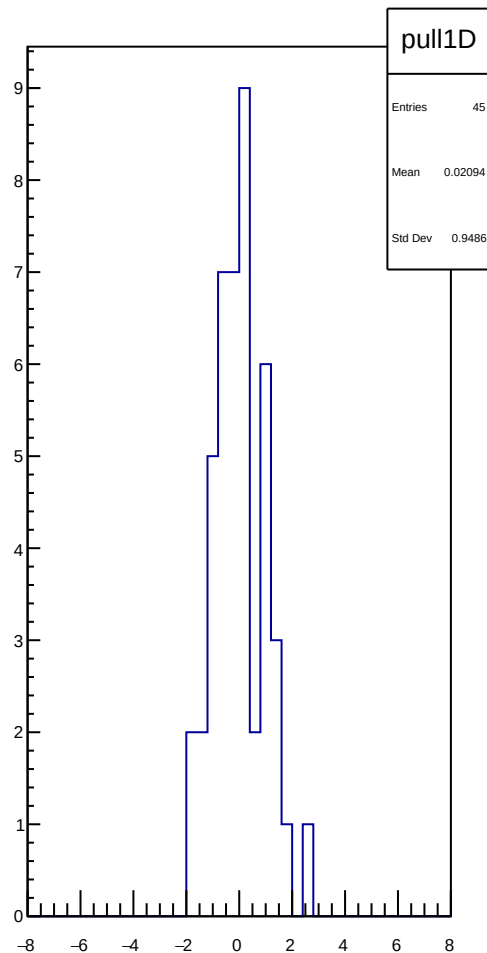
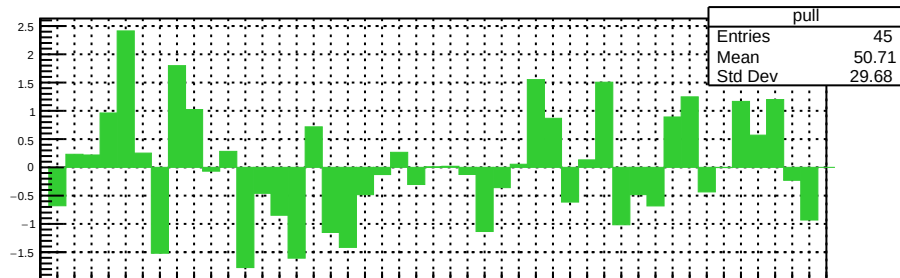
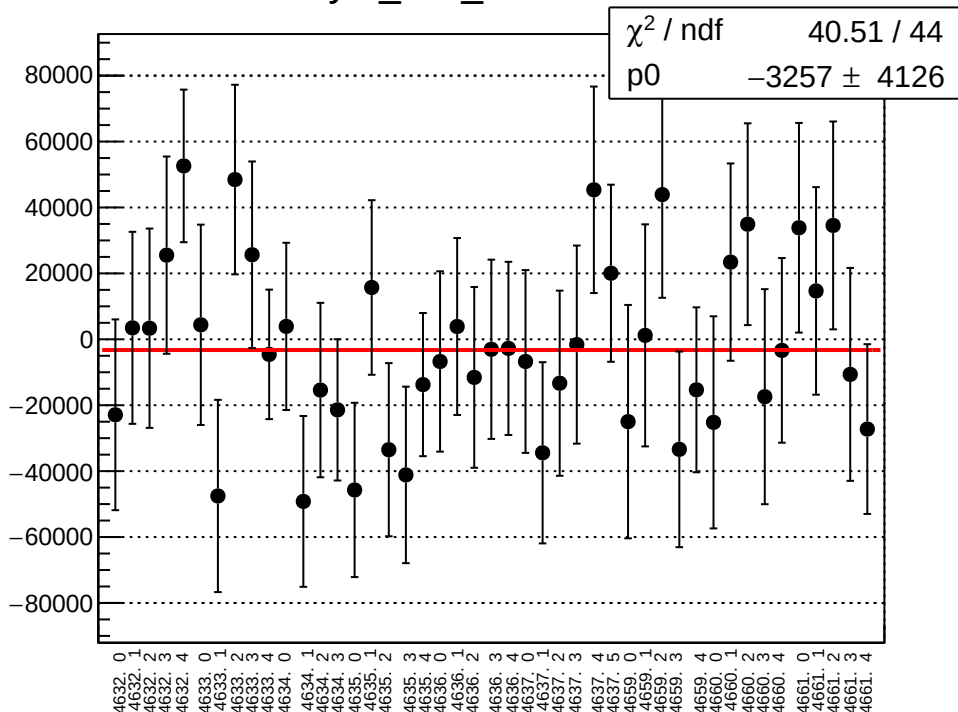
asym_atl2_correction_mean vs run



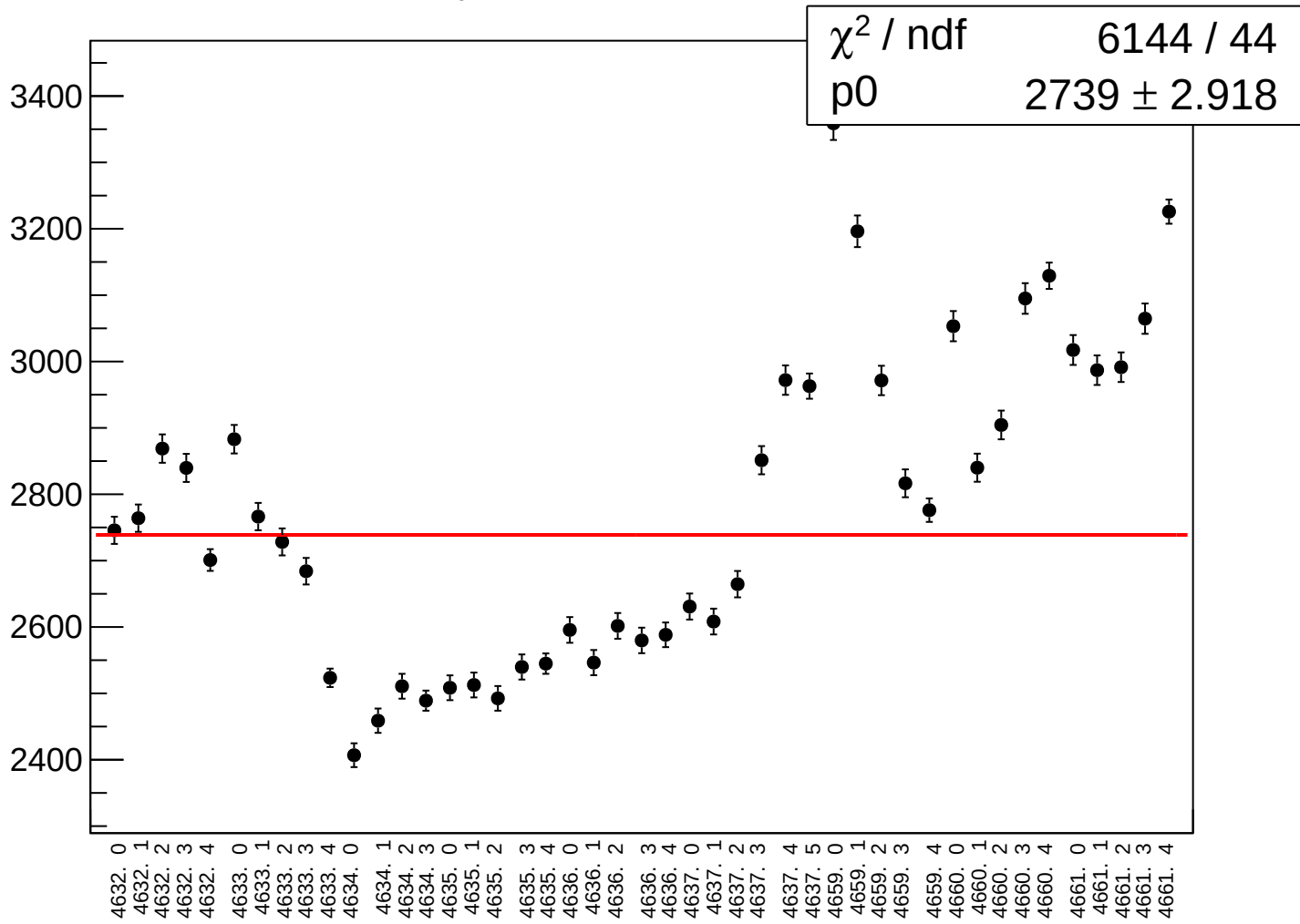
asym_atl2_correction_rms vs run



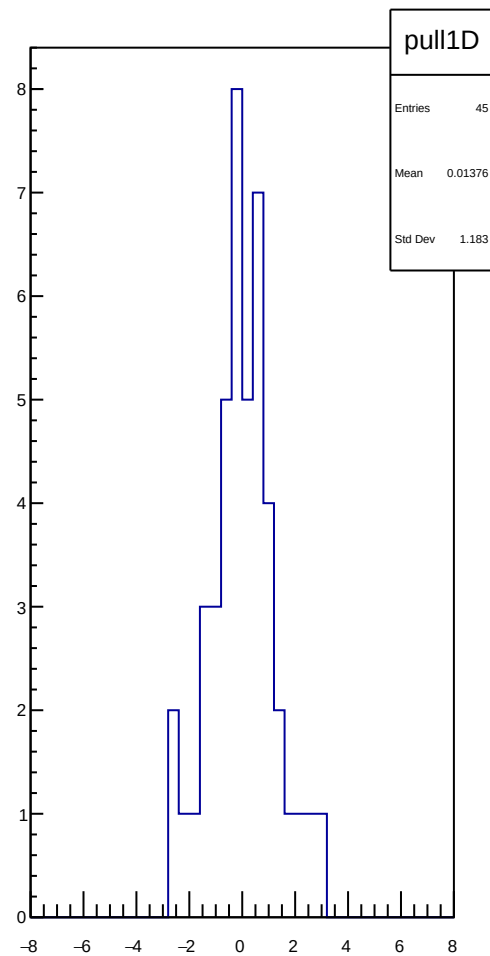
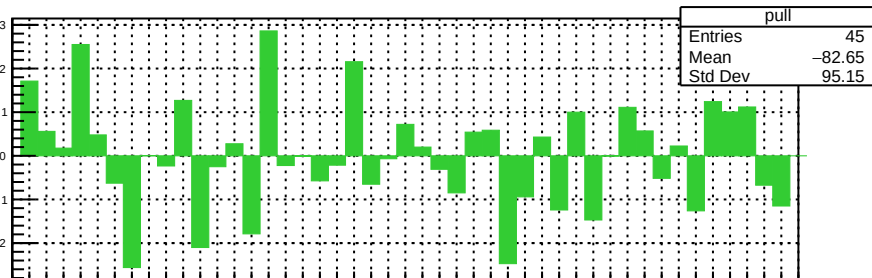
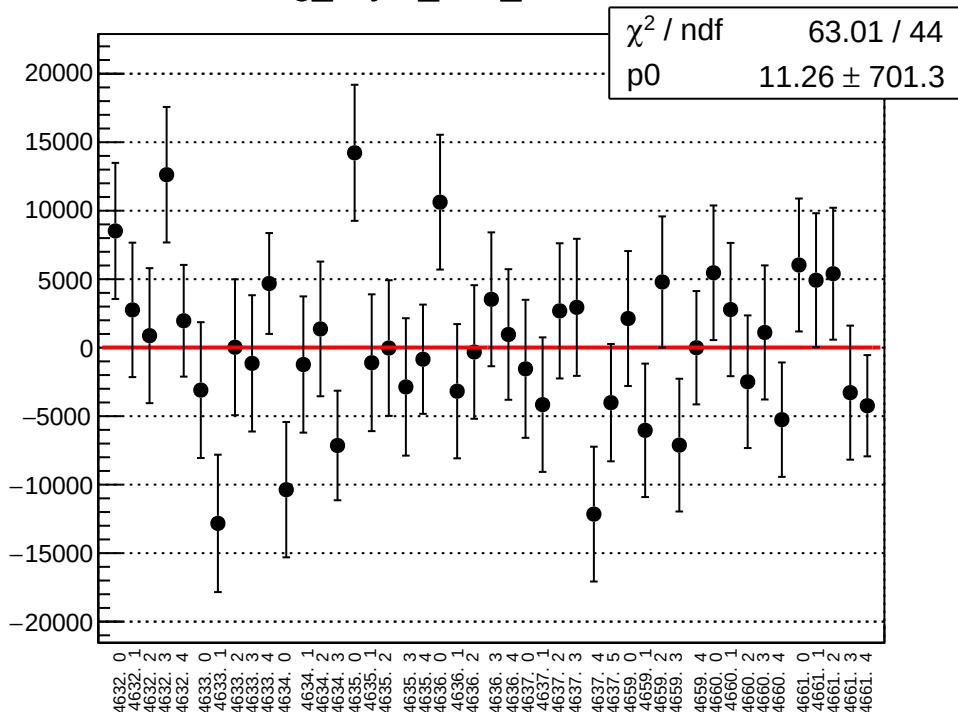
asym_atl2_mean vs run



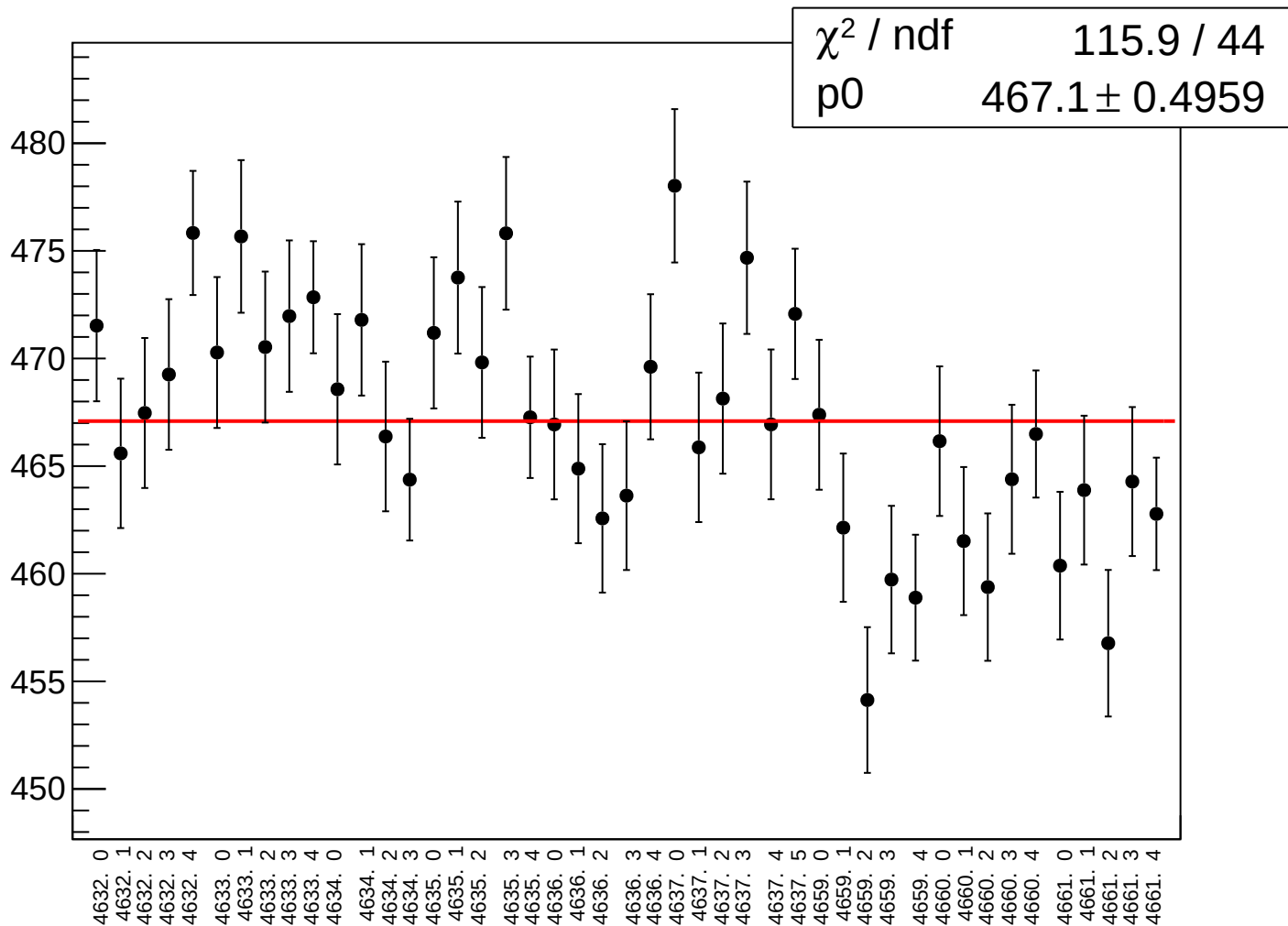
asym_atl2_rms vs run



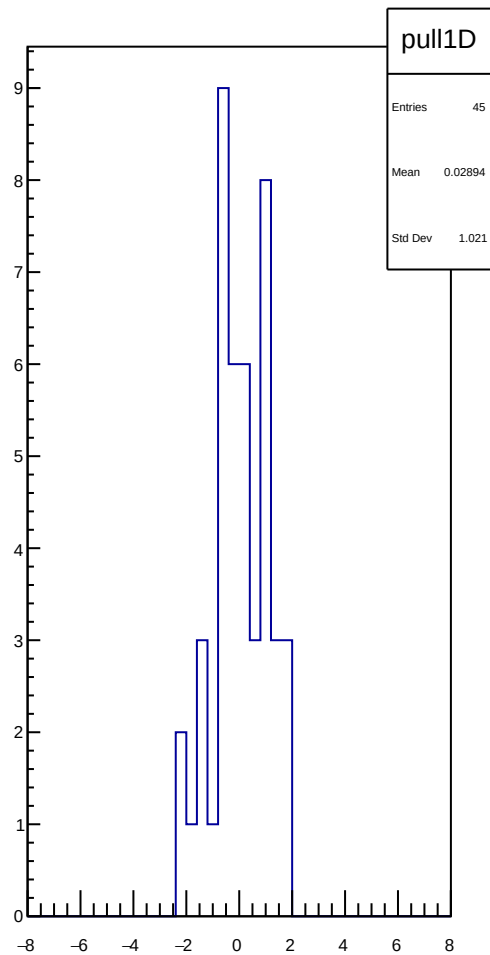
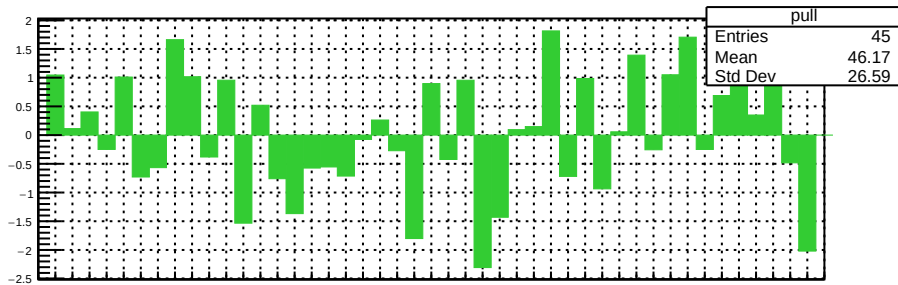
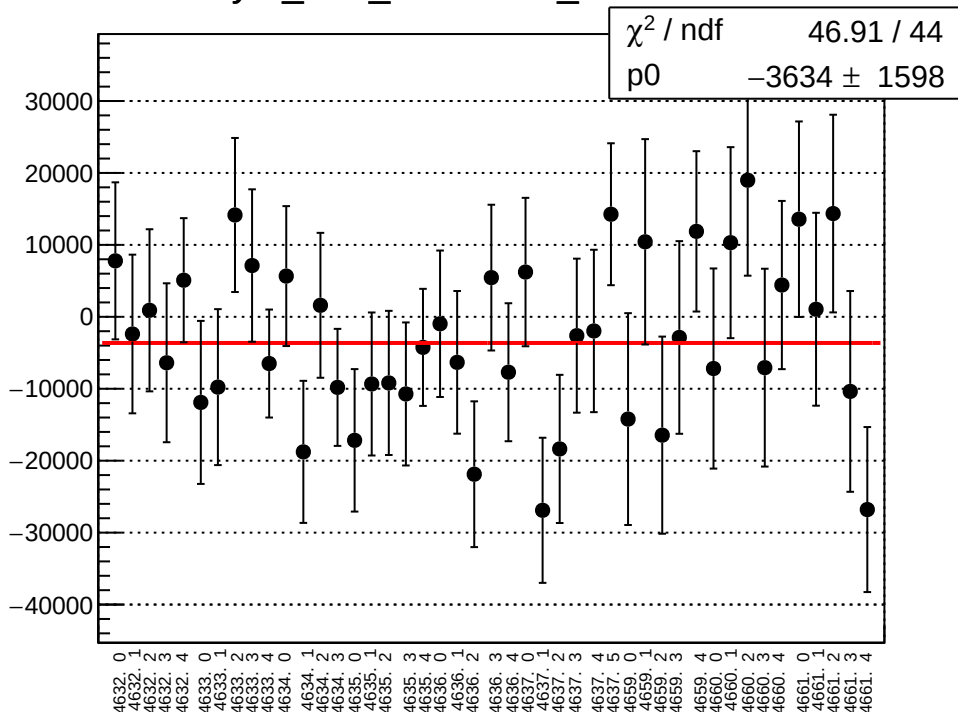
reg_asym_atr1_mean vs run



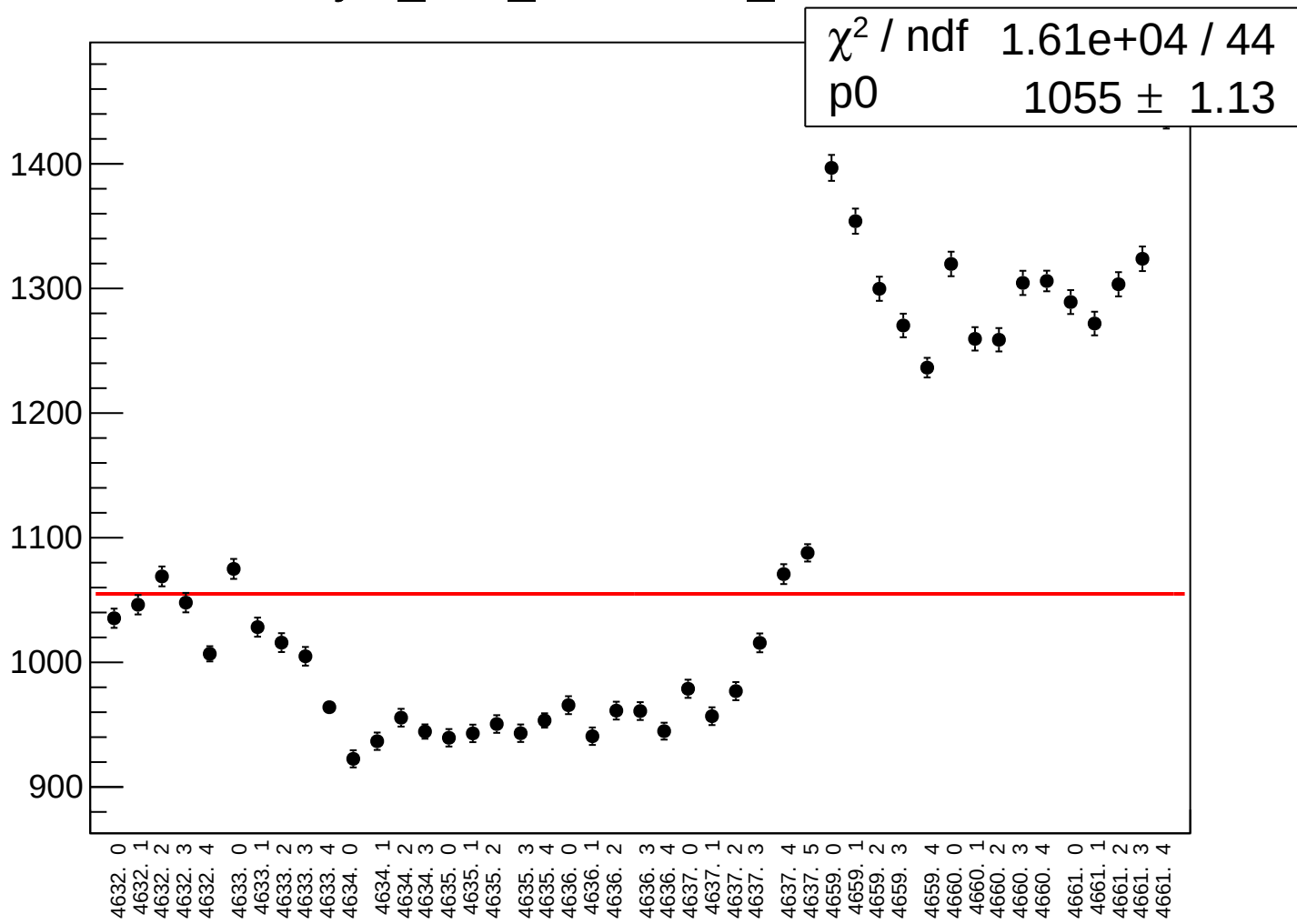
reg_asym_atr1_rms vs run



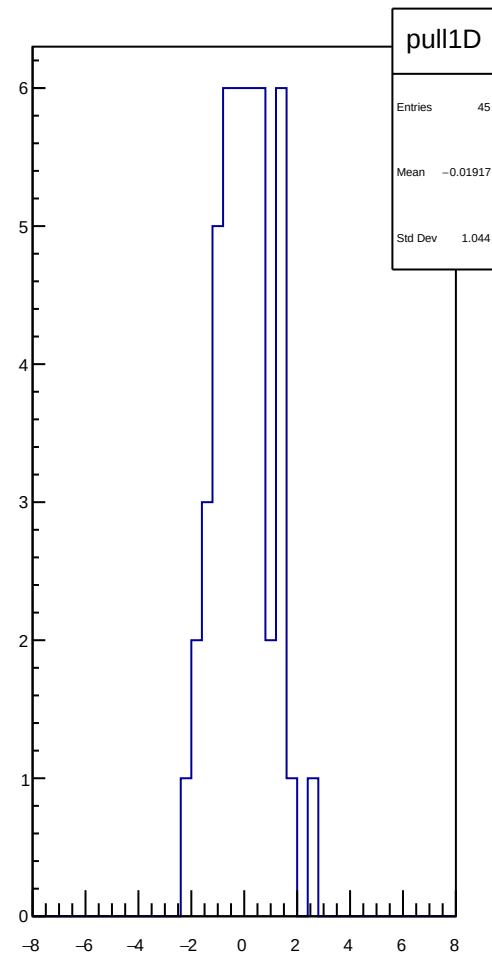
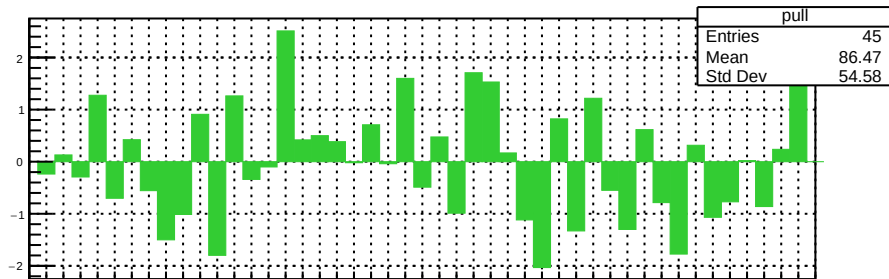
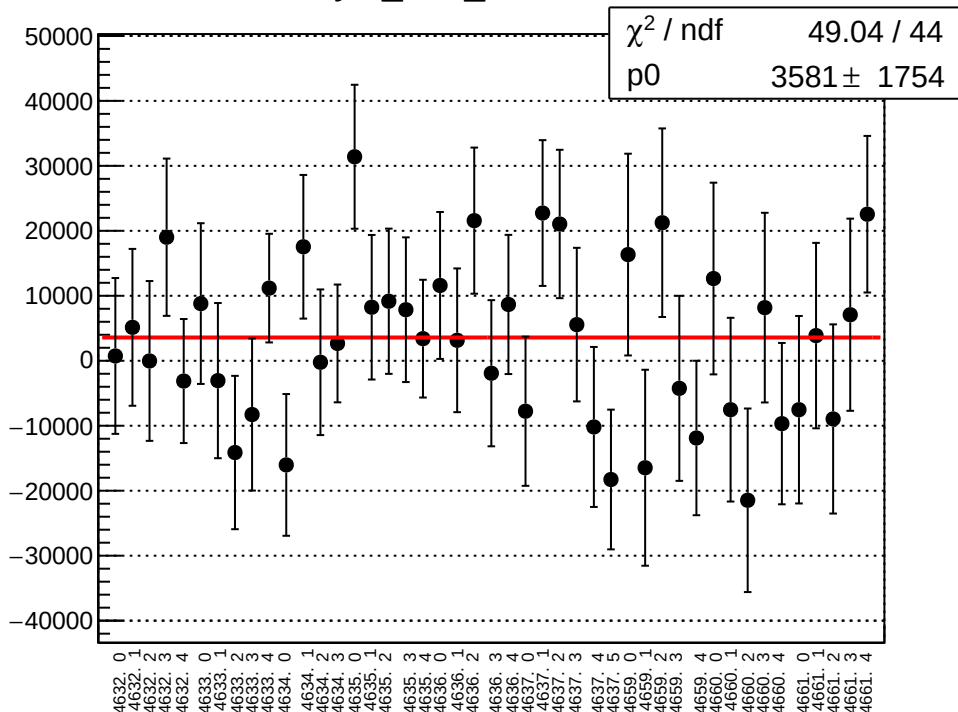
asym_atr1_correction_mean vs run



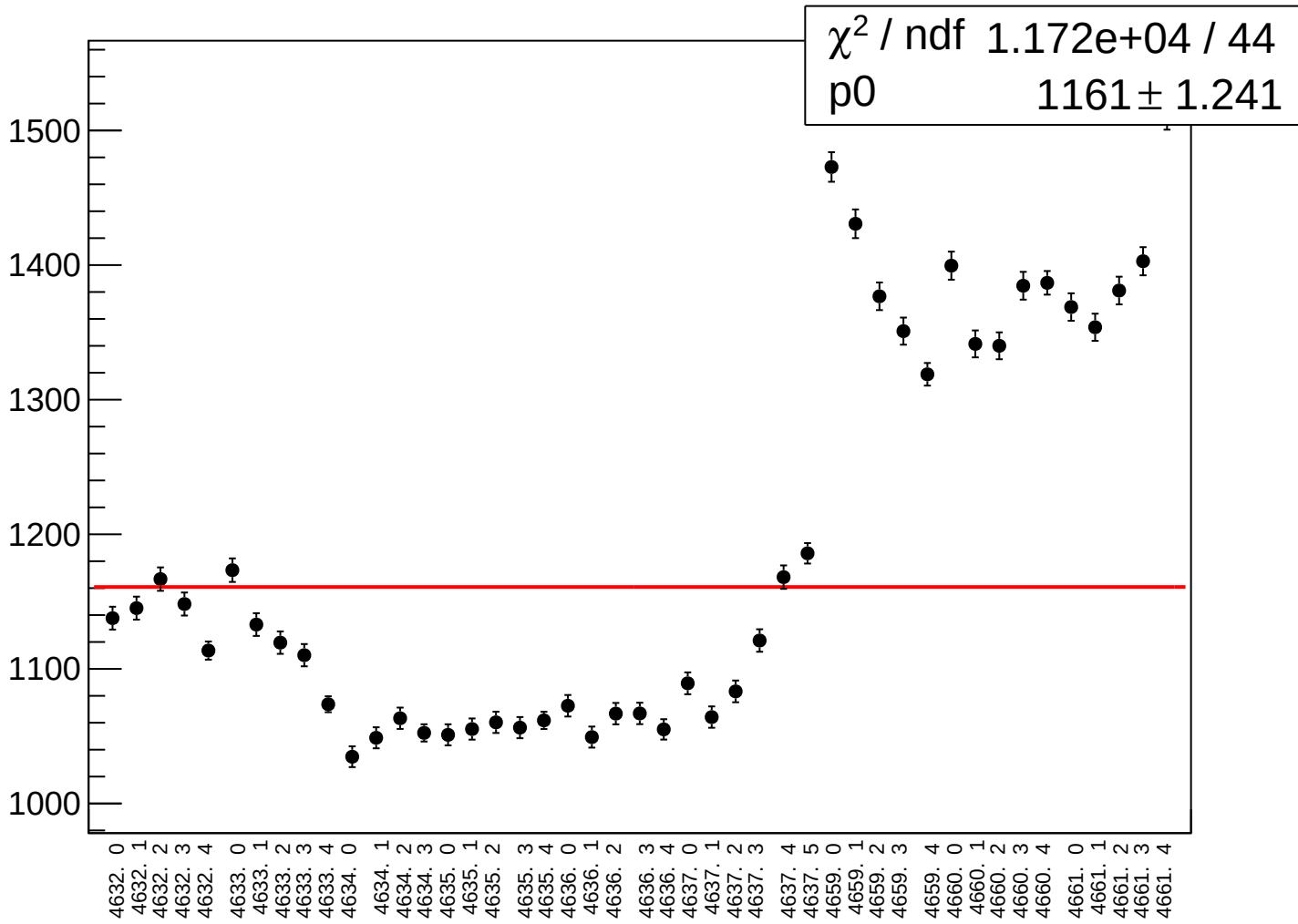
asym_atr1_correction_rms vs run



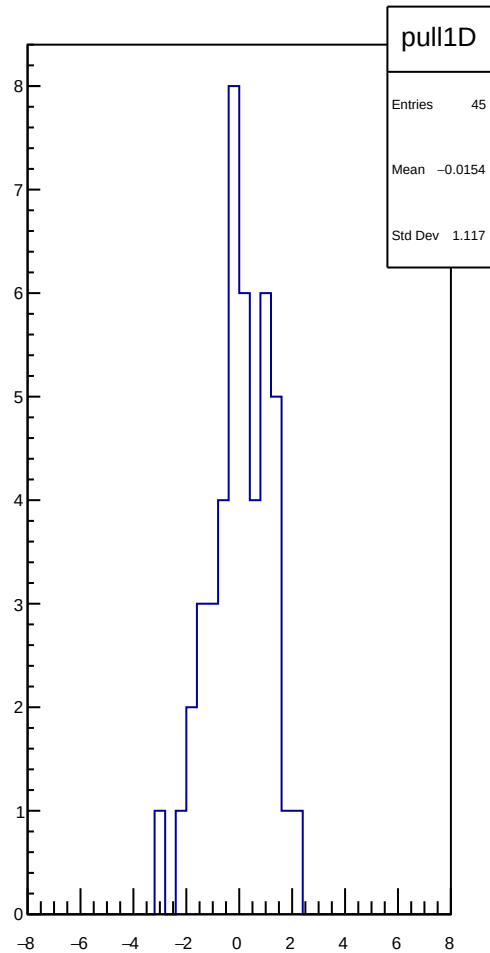
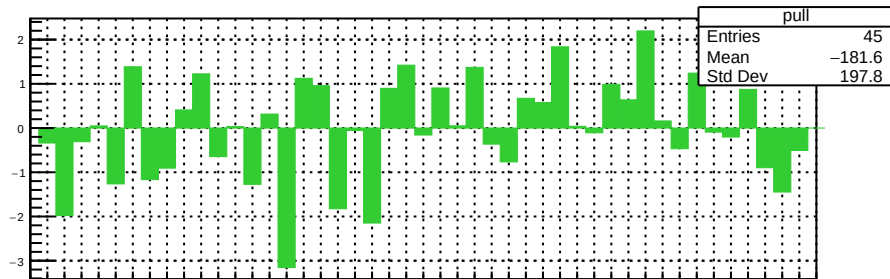
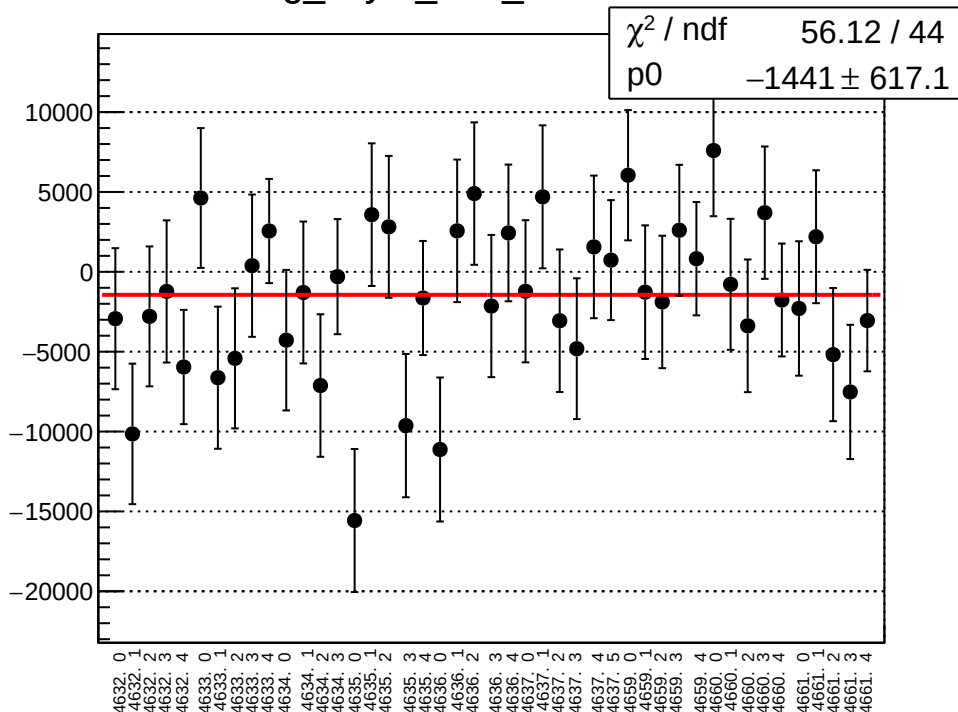
asym_atr1_mean vs run



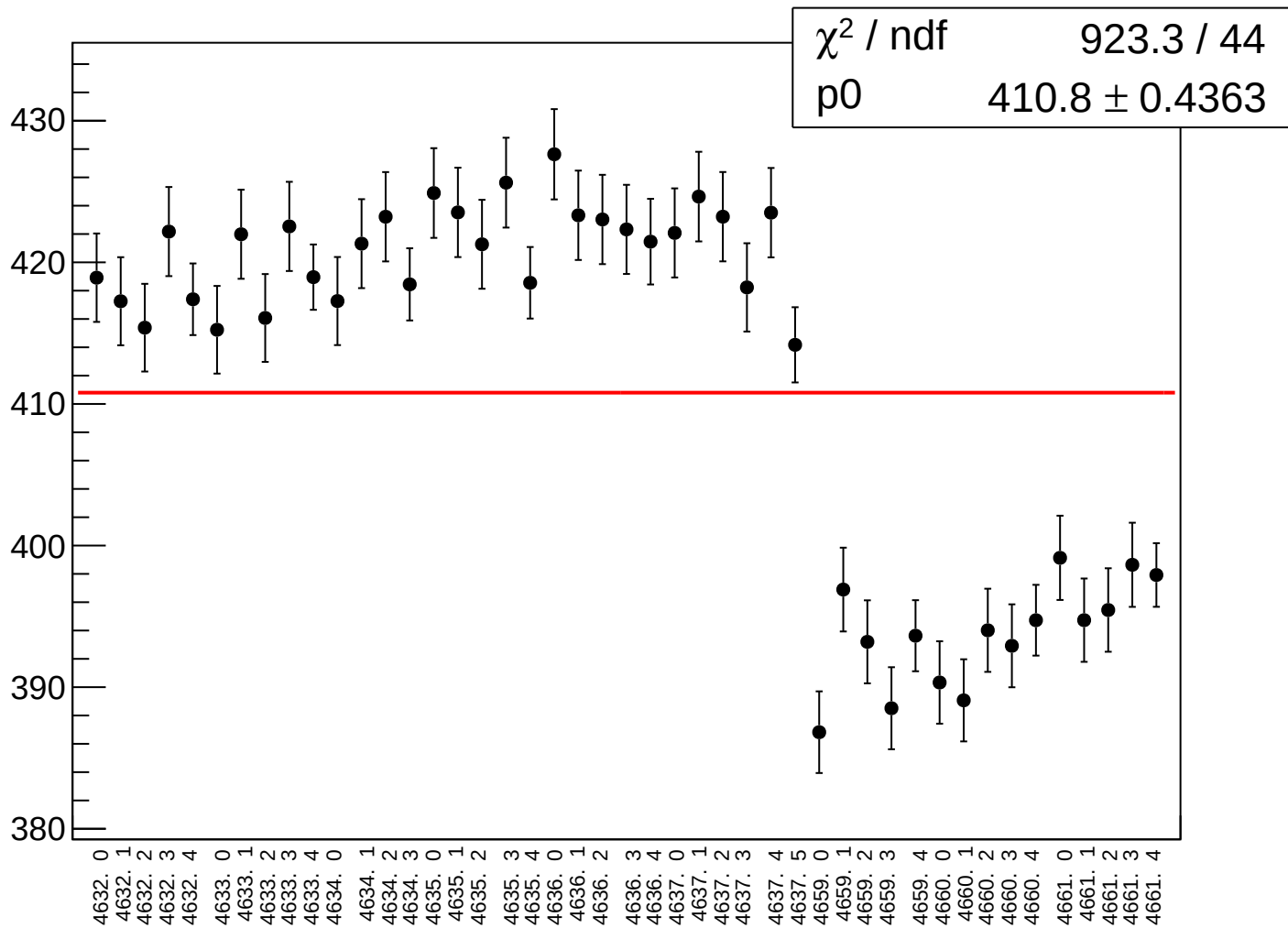
asym_atr1_rms vs run



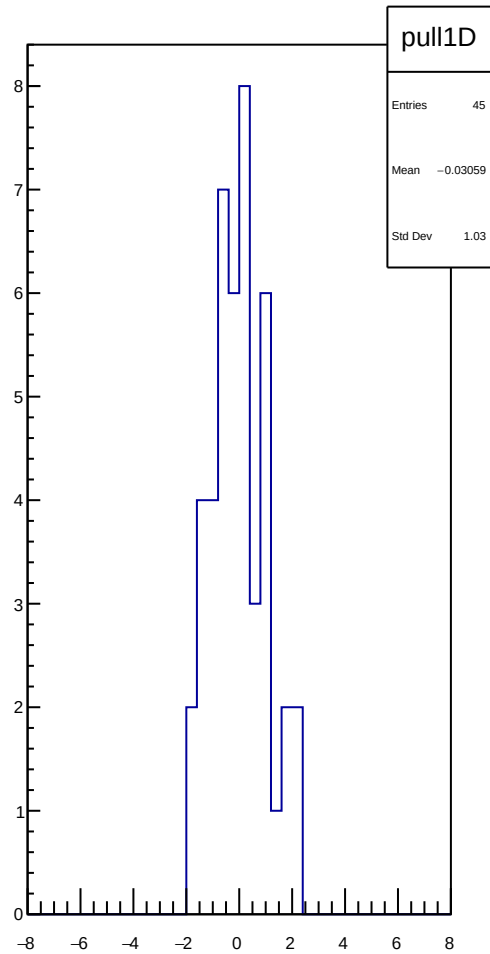
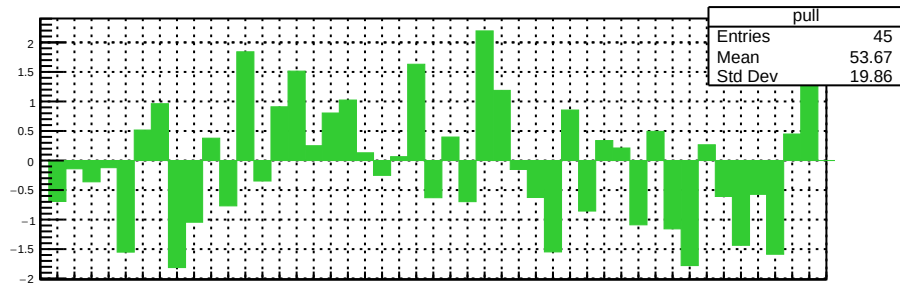
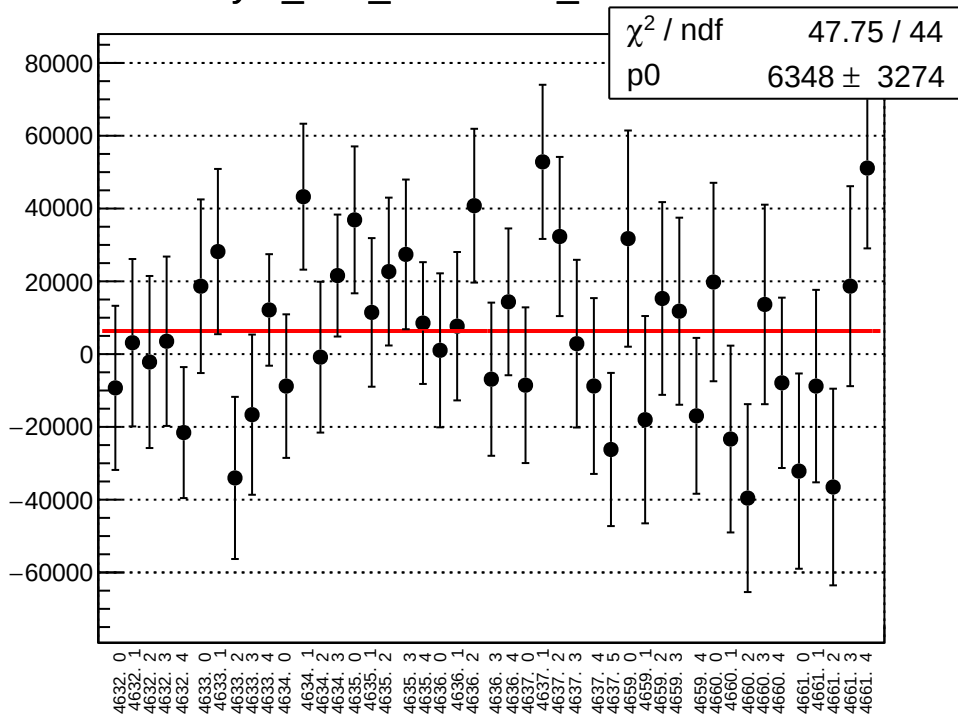
reg_asym_atr2_mean vs run



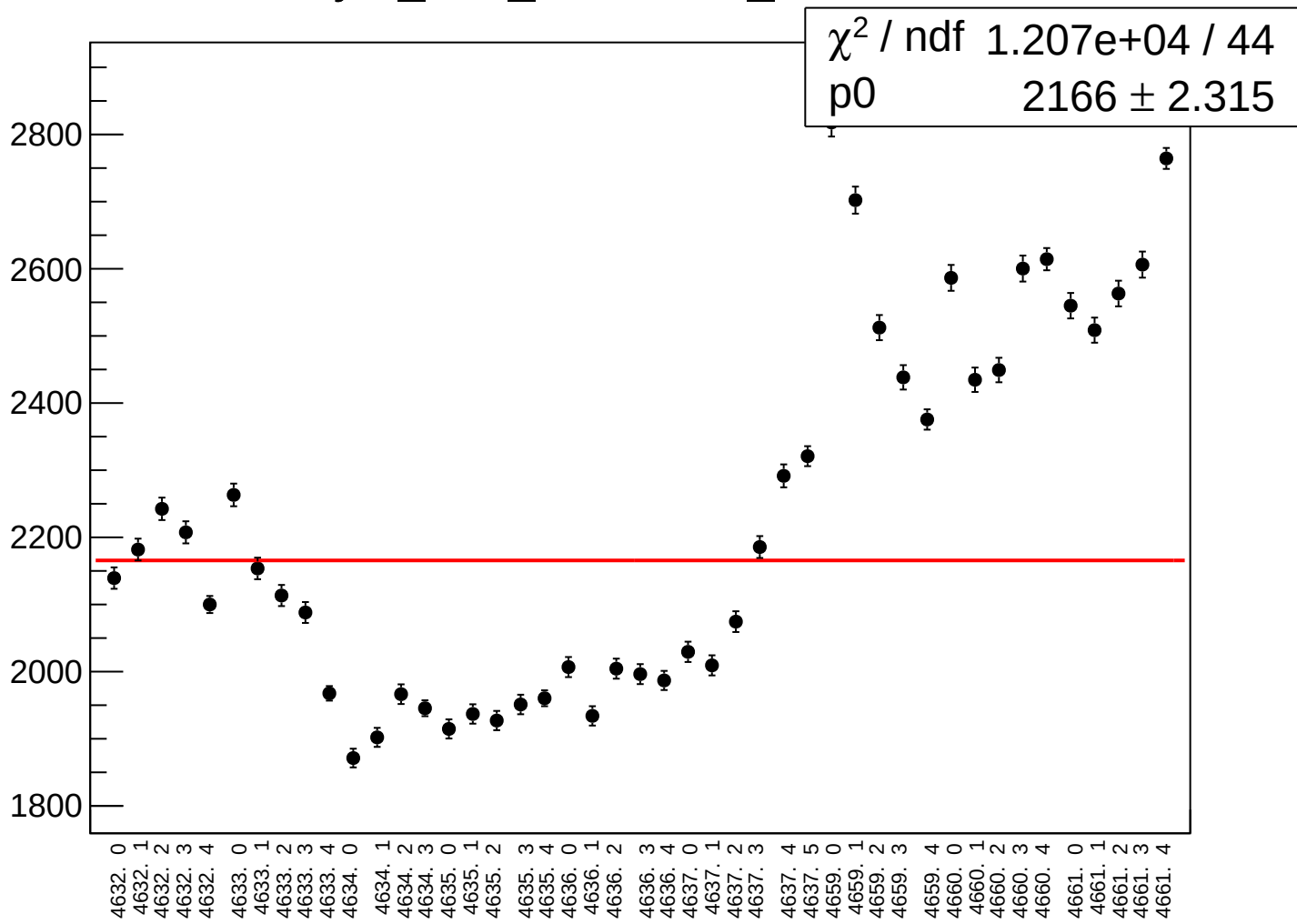
reg_asym_atr2_rms vs run



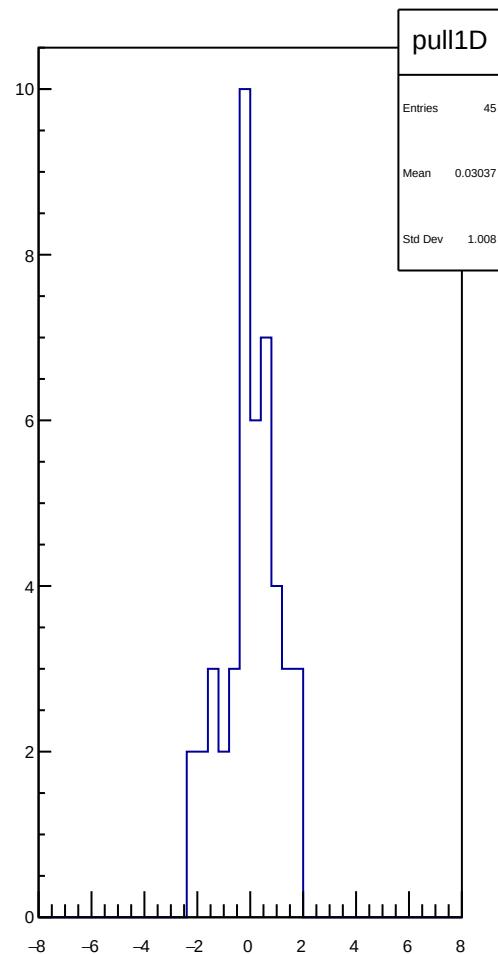
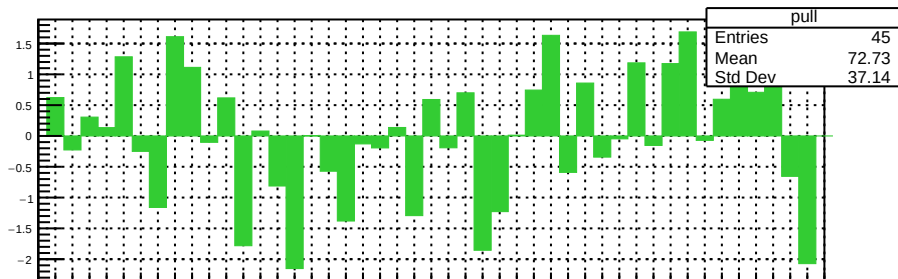
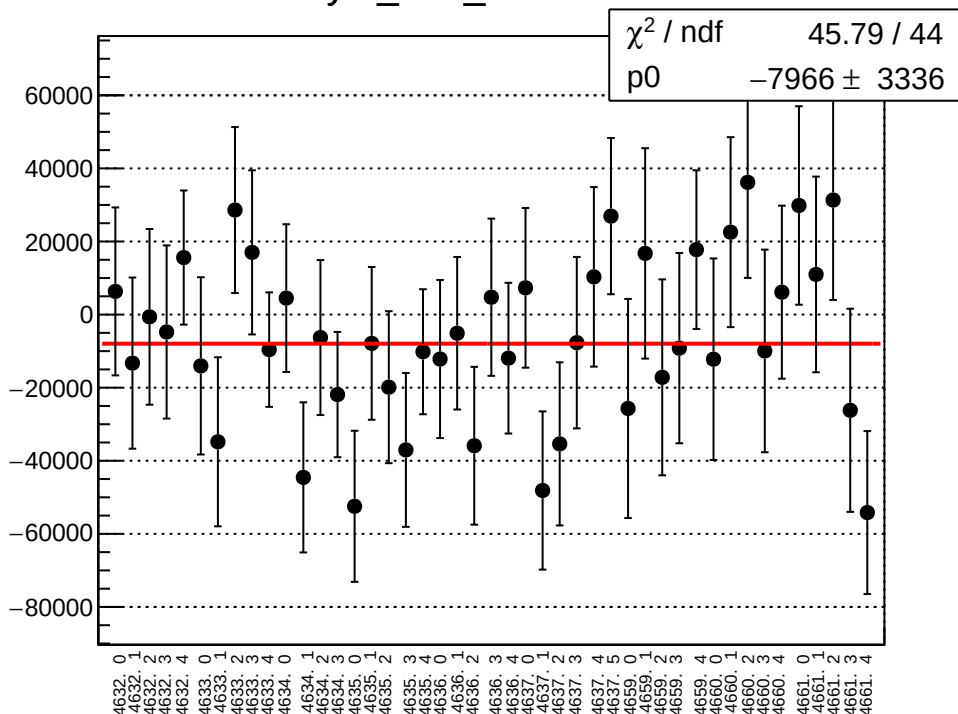
asym_atr2_correction_mean vs run



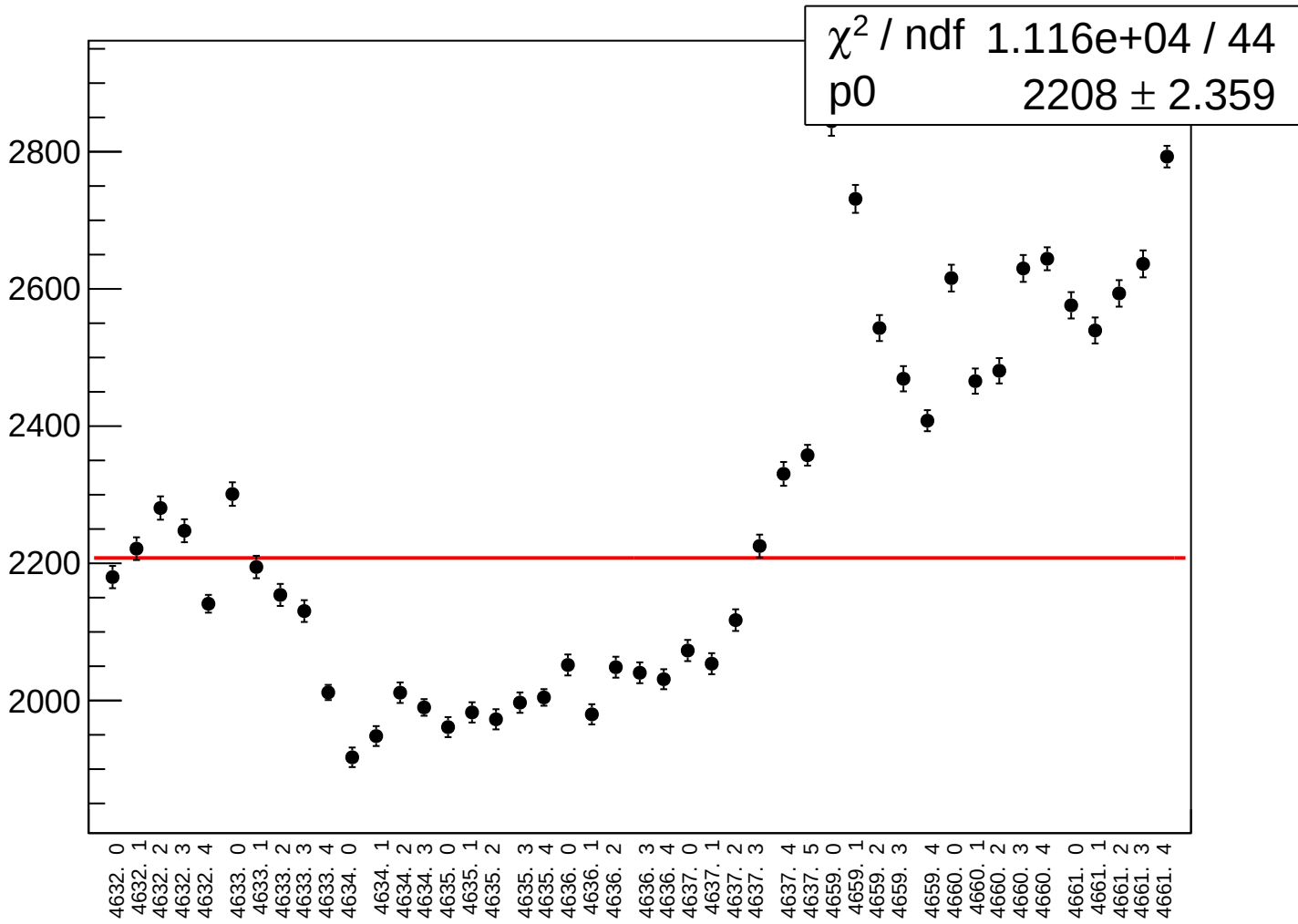
asym_atr2_correction_rms vs run



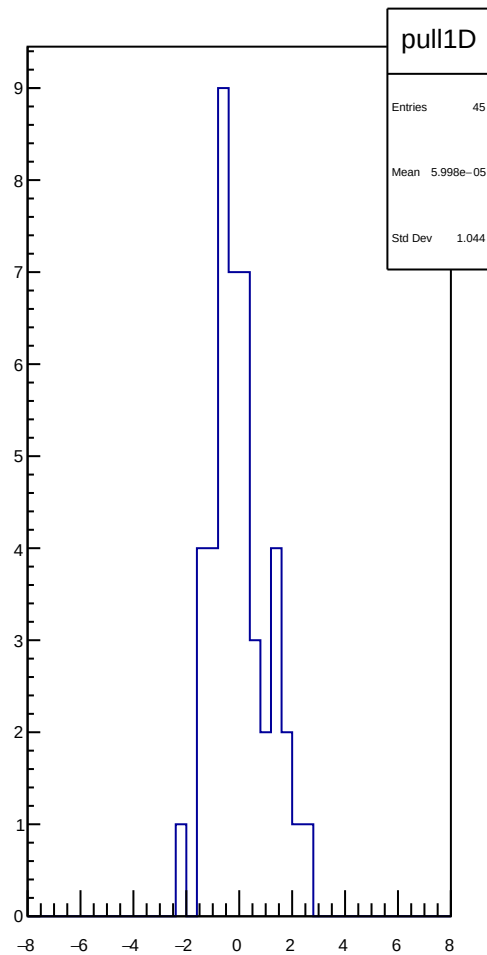
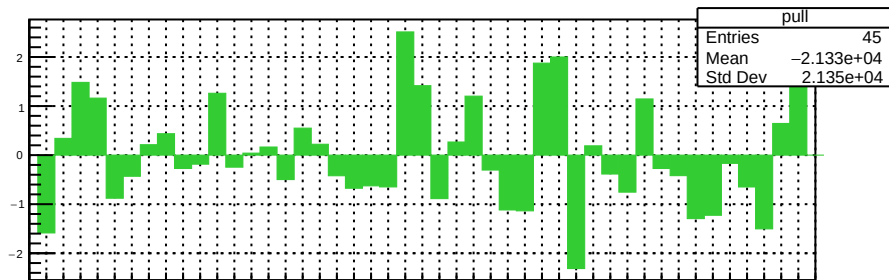
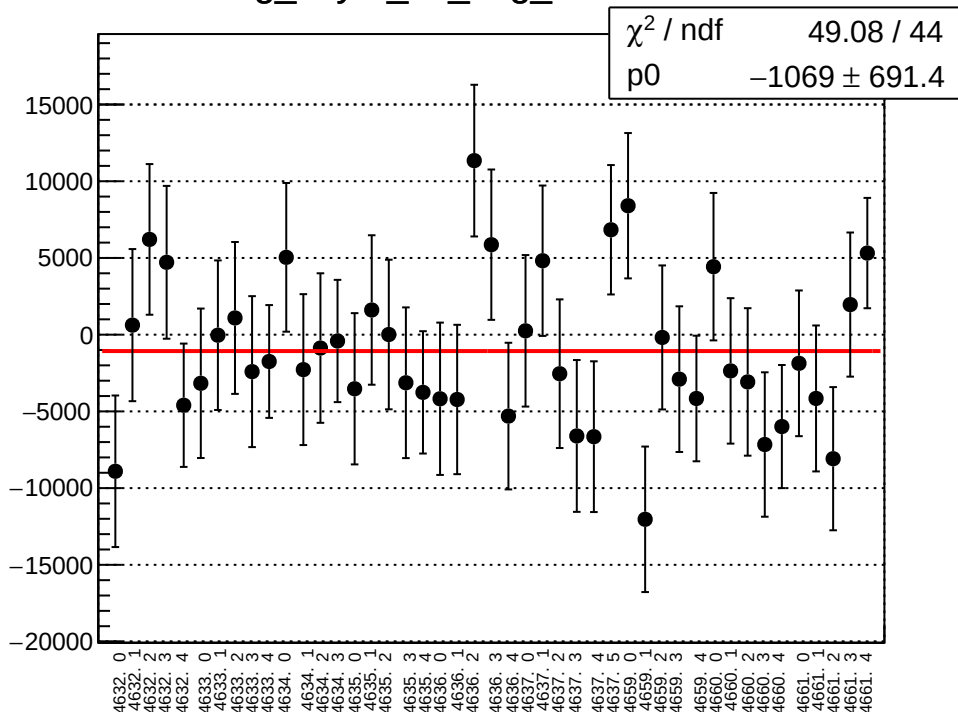
asym_atr2_mean vs run



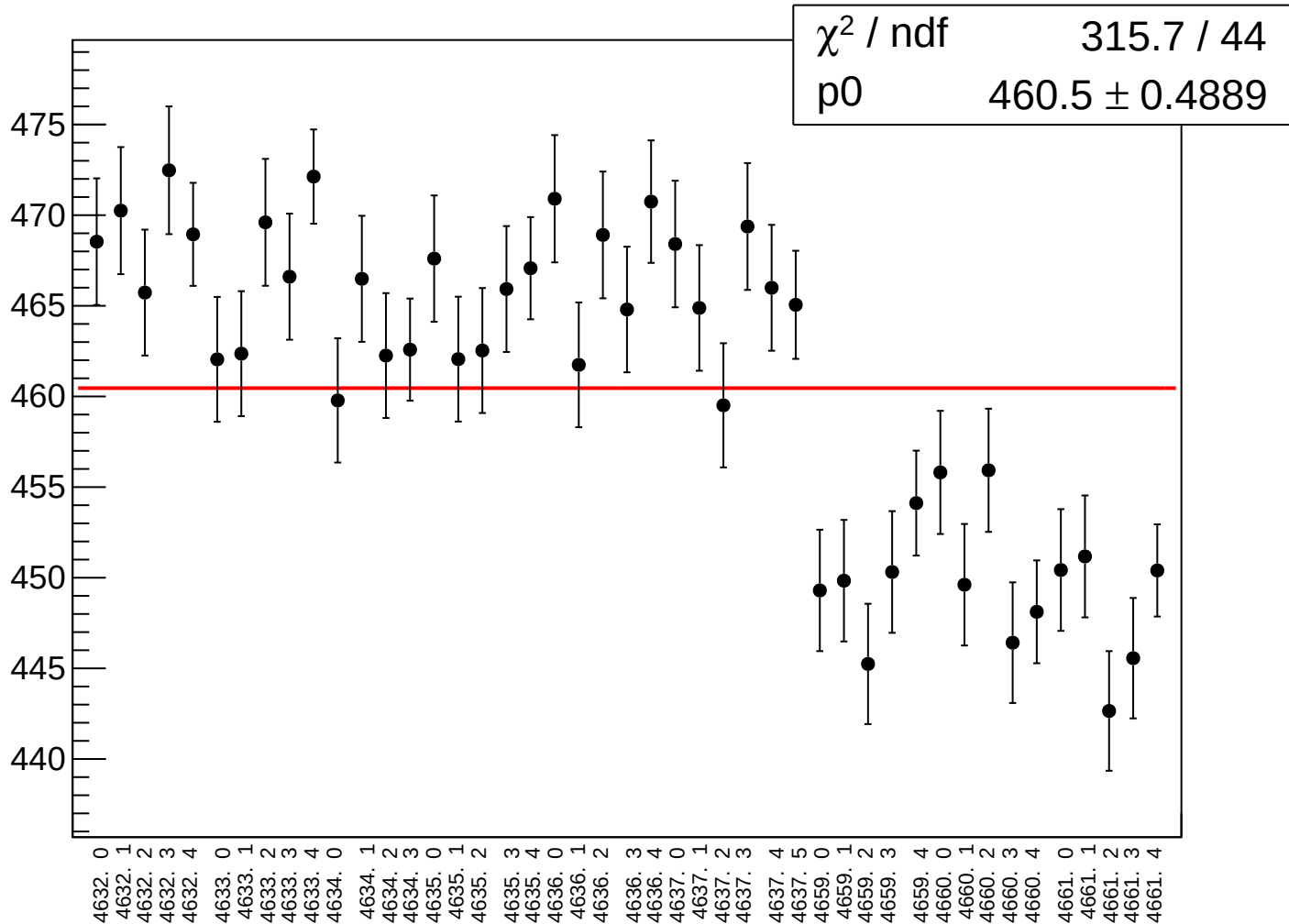
asym_atr2_rms vs run



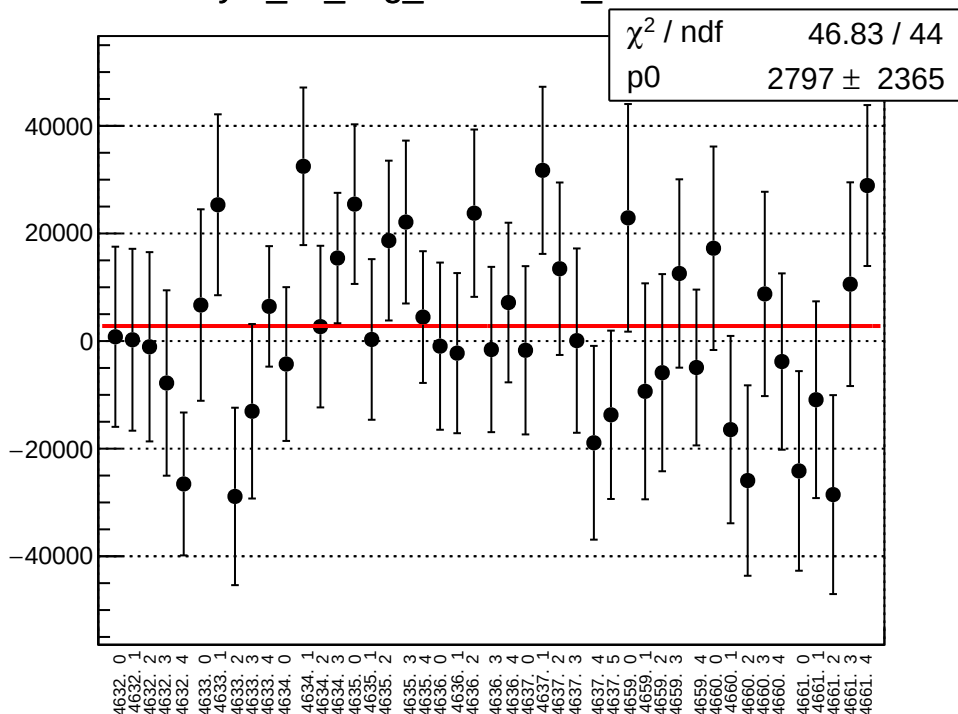
reg_asym_atl_avg_mean vs run



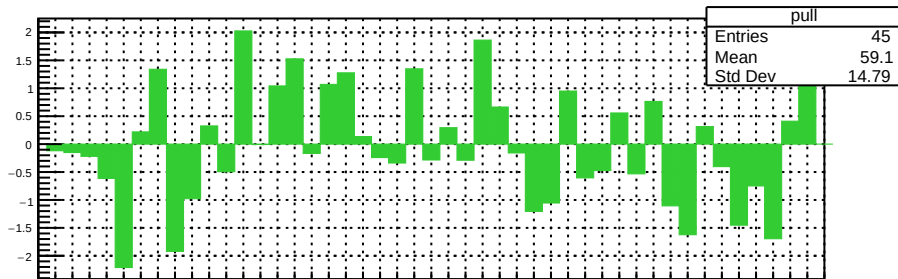
reg_asym_atl_avg_rms vs run



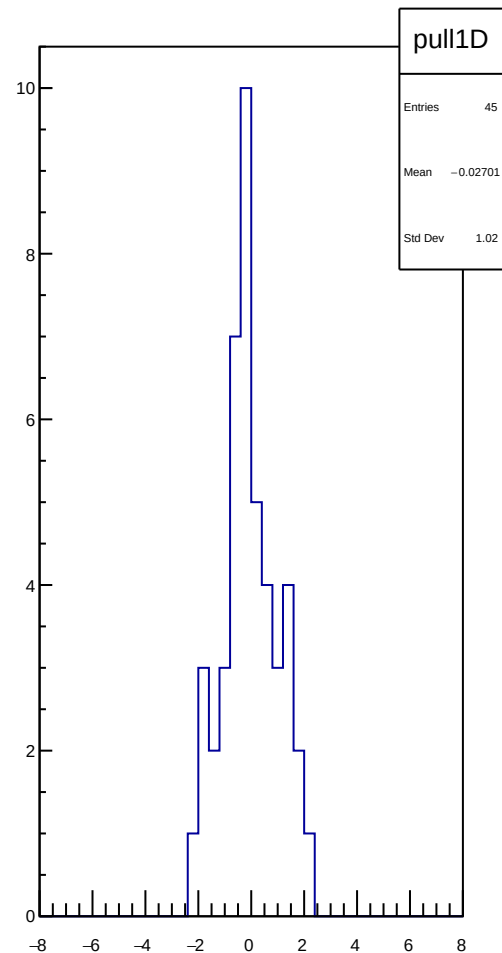
asym_atl_avg_correction_mean vs run



χ^2 / ndf 46.83 / 44
p0 2797 ± 2365

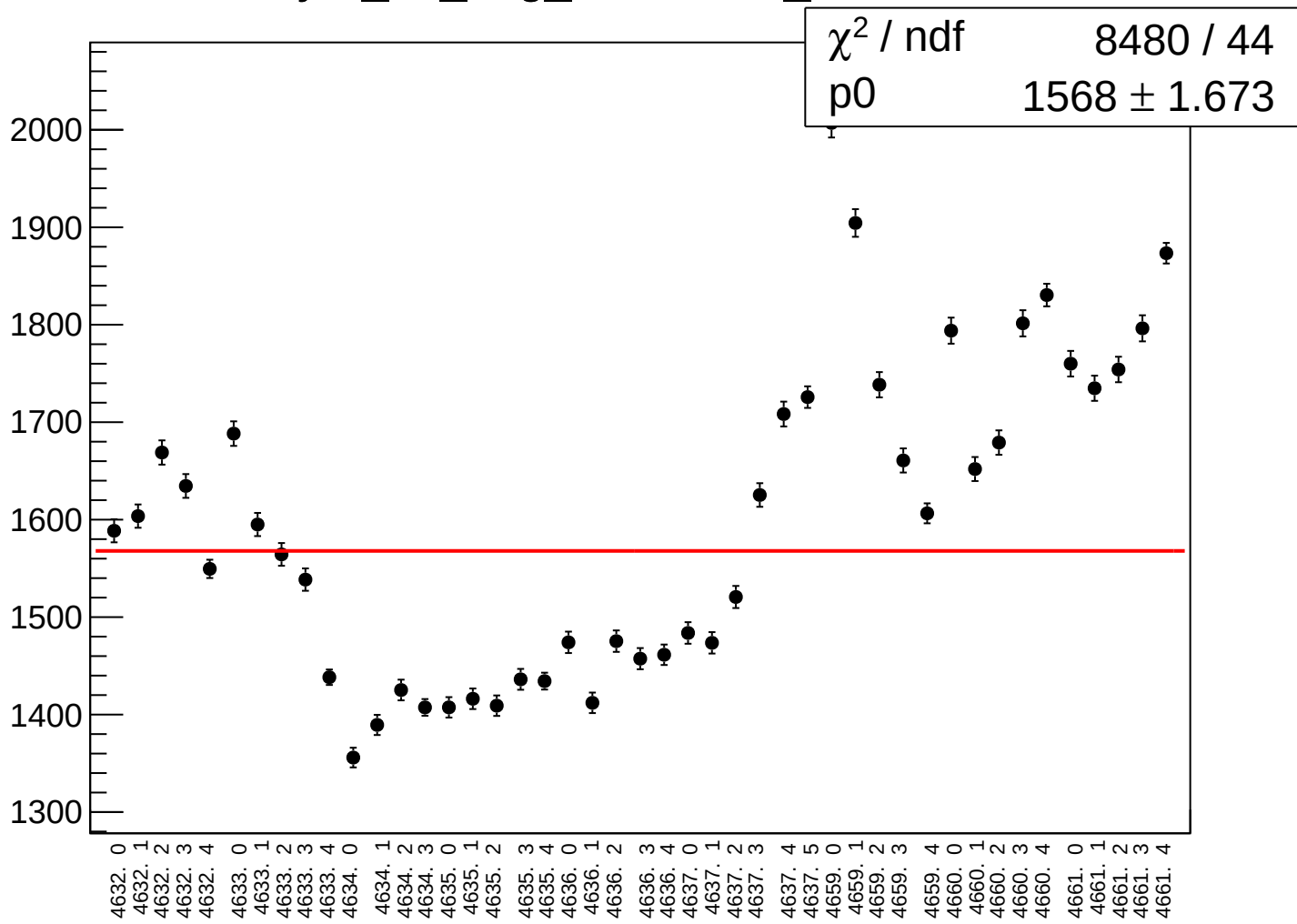


pull
Entries 45
Mean 59.1
Std Dev 14.79

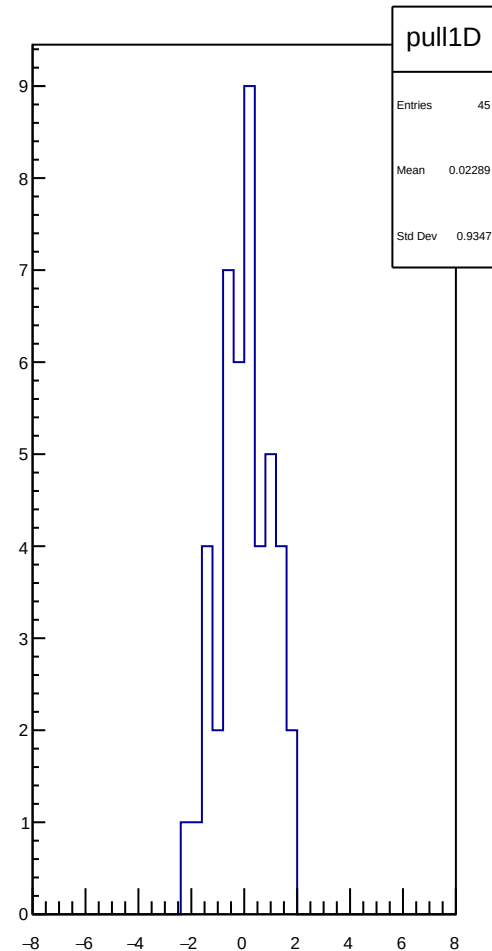
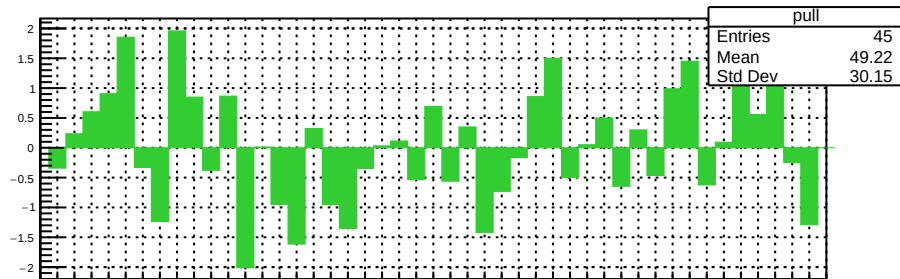
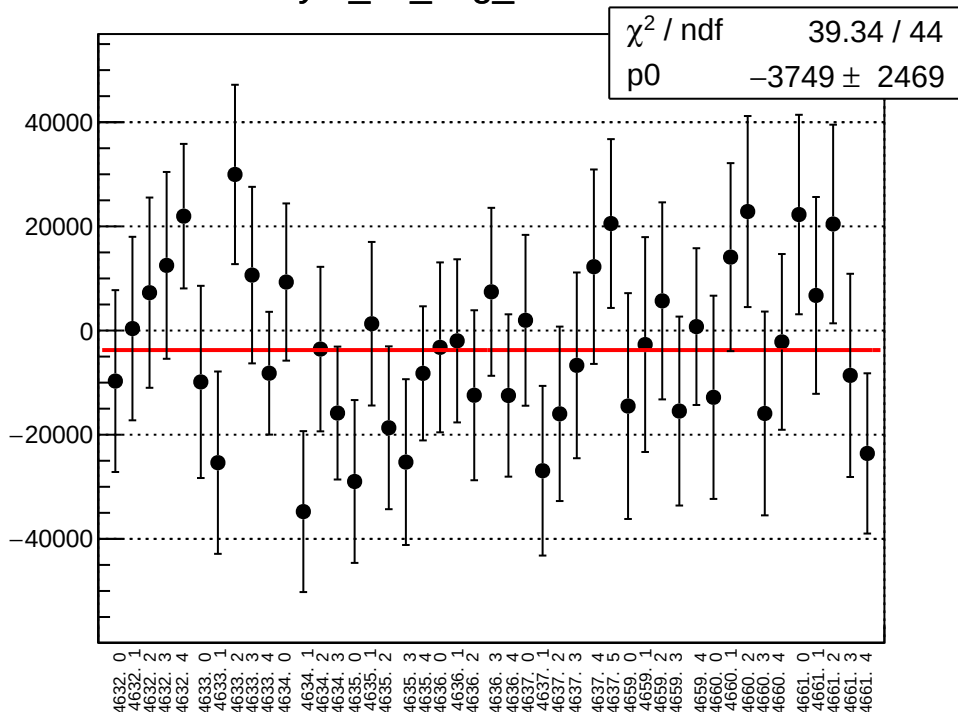


pull1D
Entries 45
Mean -0.02701
Std Dev 1.02

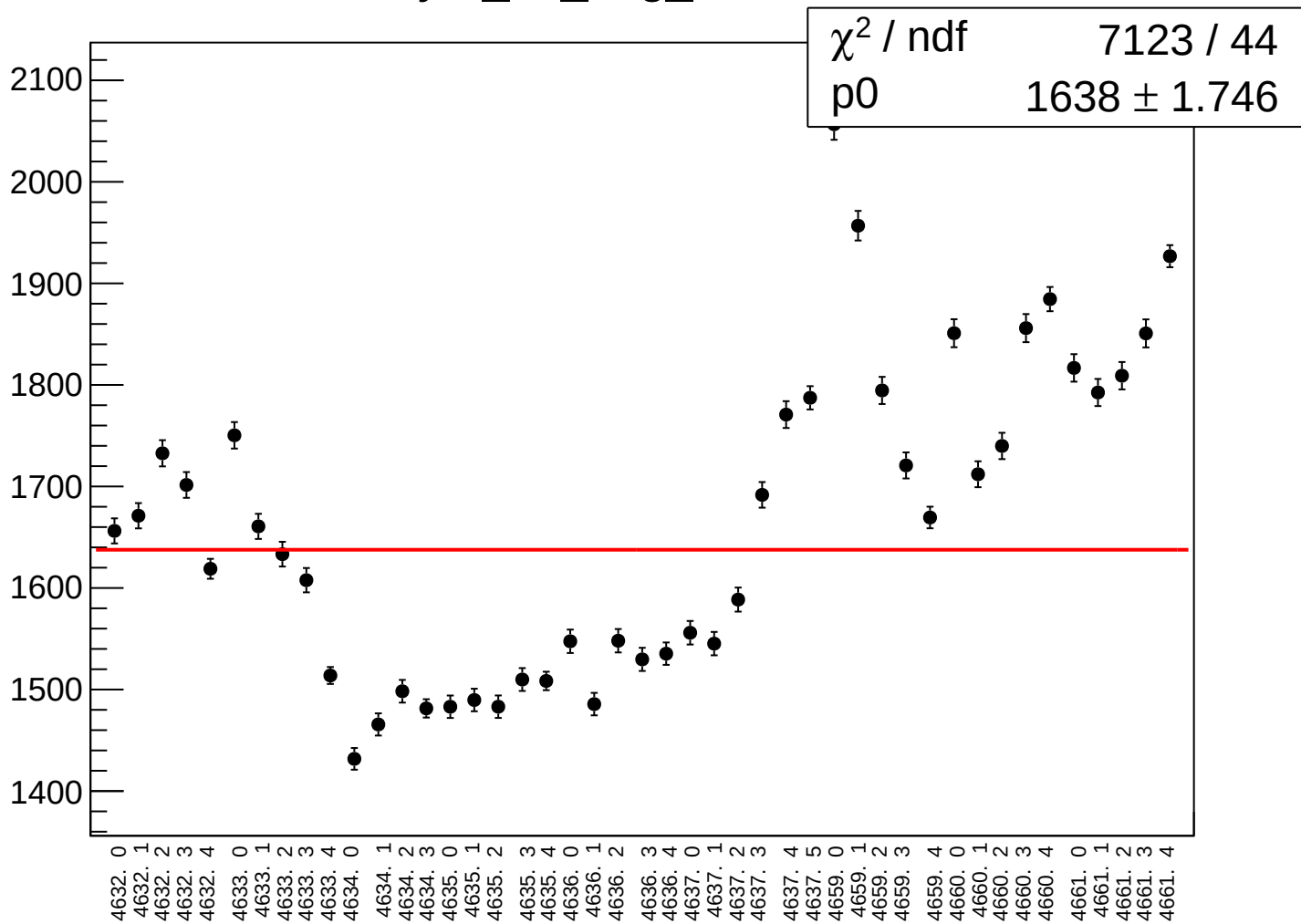
asym_atl_avg_correction_rms vs run



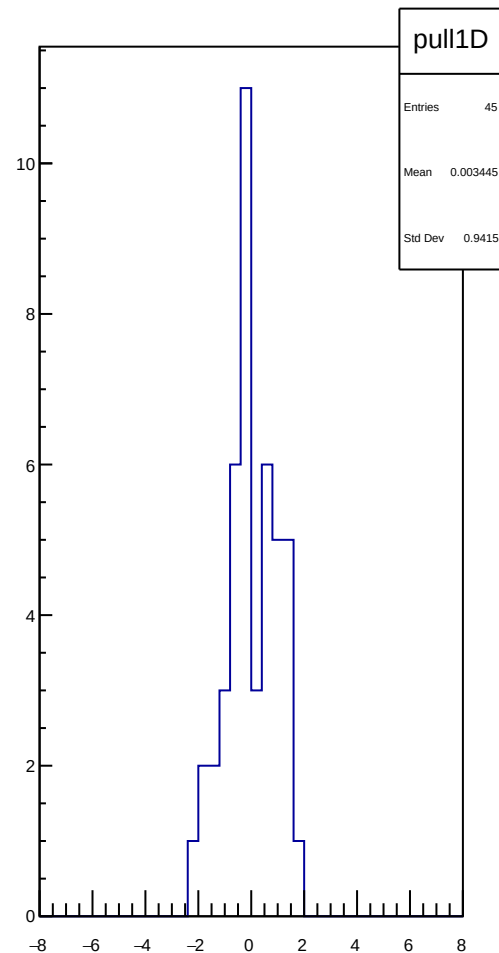
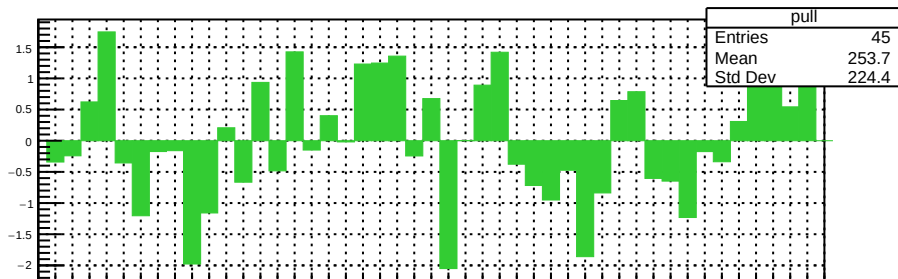
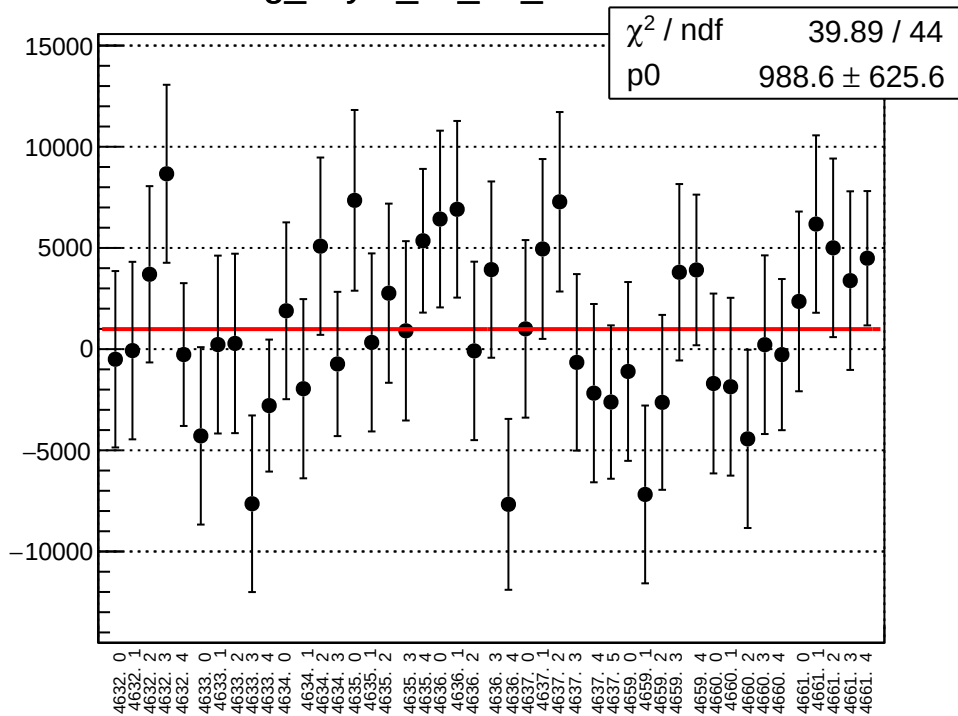
asym_atl_avg_mean vs run



asym_atl_avg_rms vs run



reg_asym_atl_dd_mean vs run



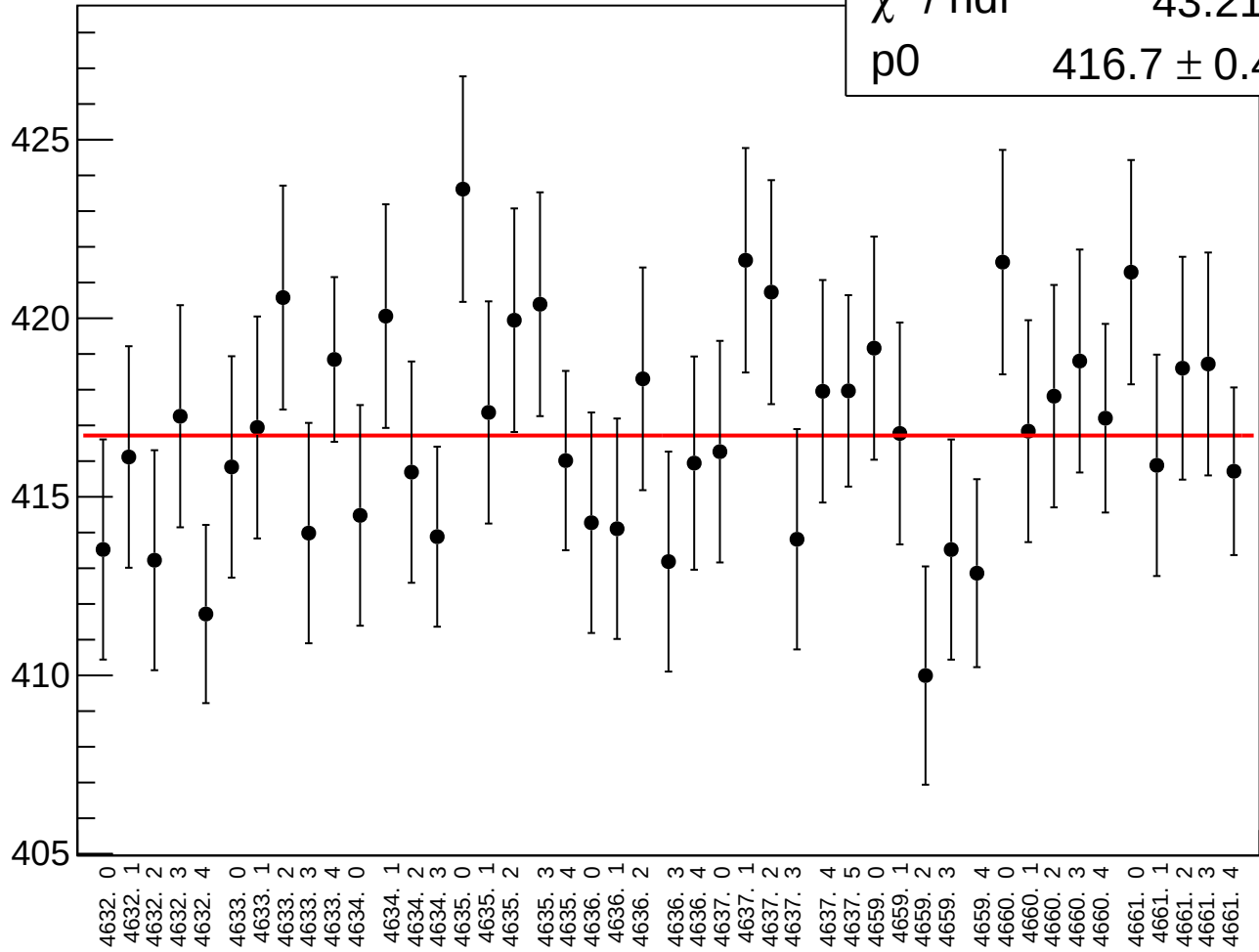
reg_asym_atl_dd_rms vs run

χ^2 / ndf

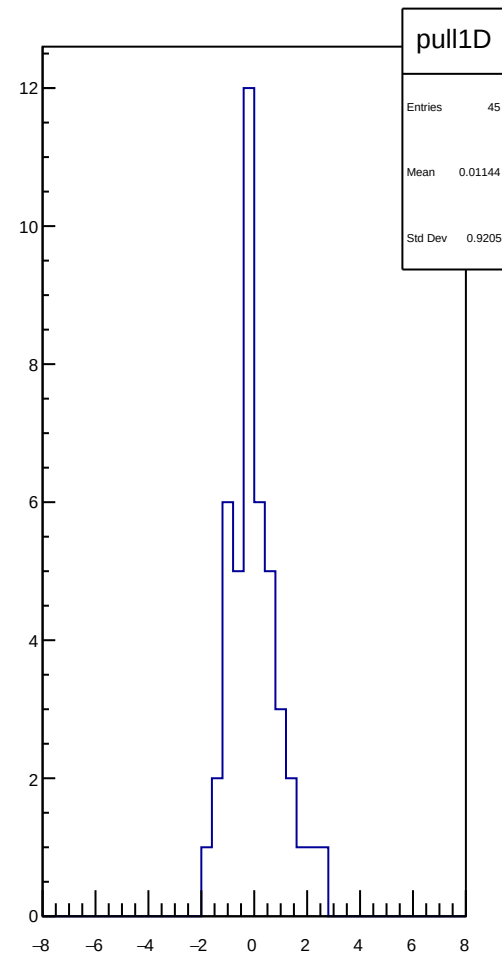
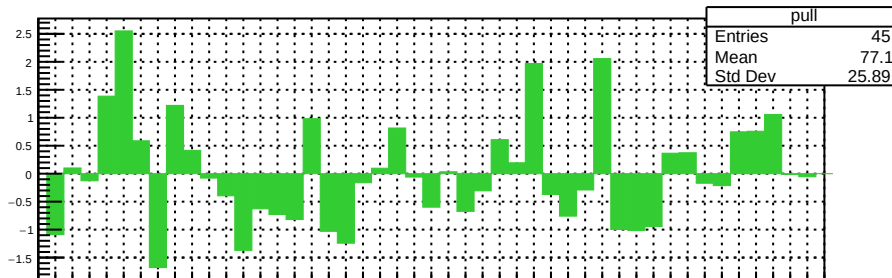
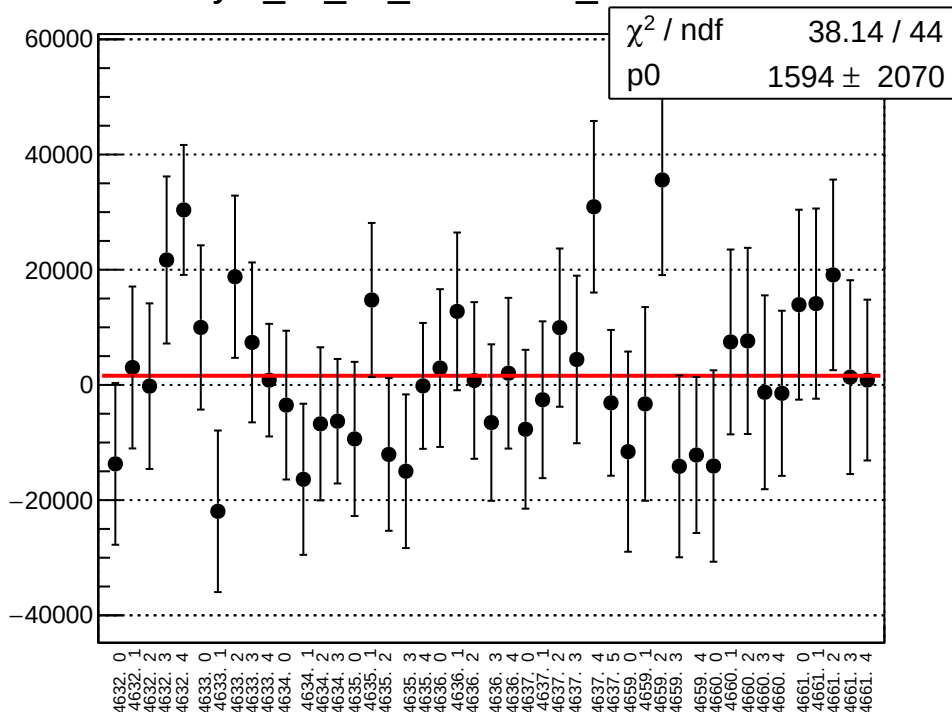
43.21 / 44

p0

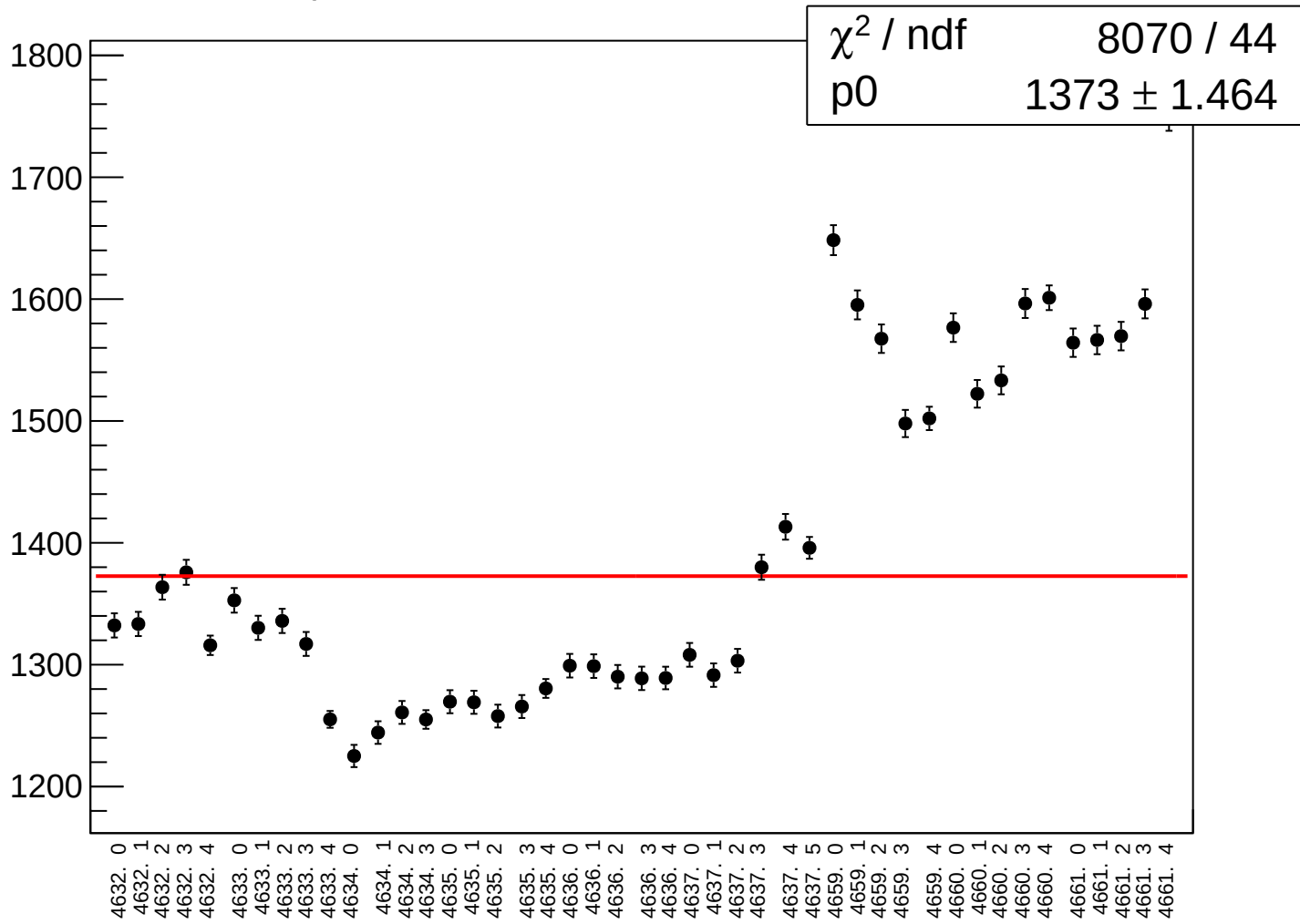
416.7 ± 0.4424



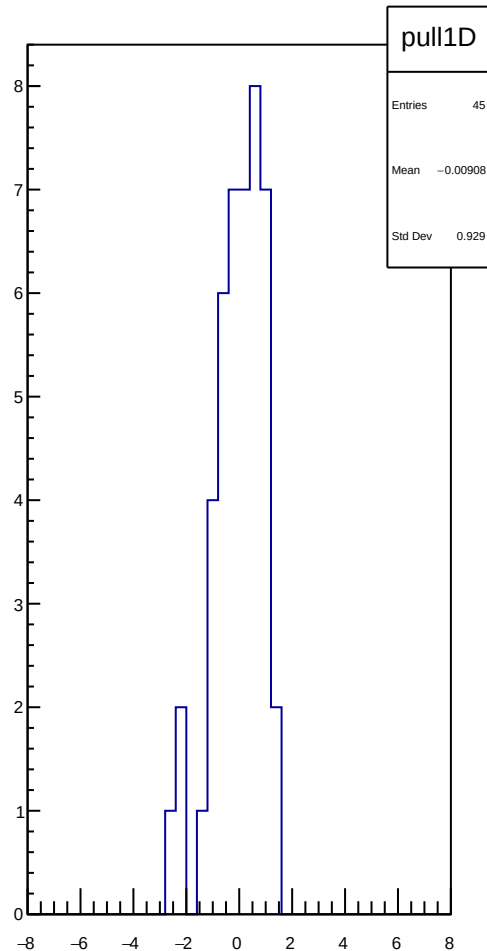
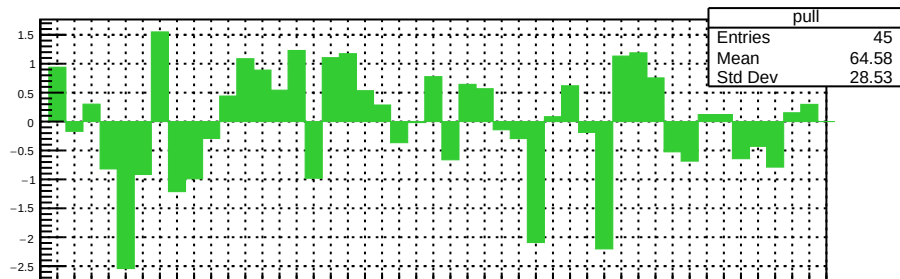
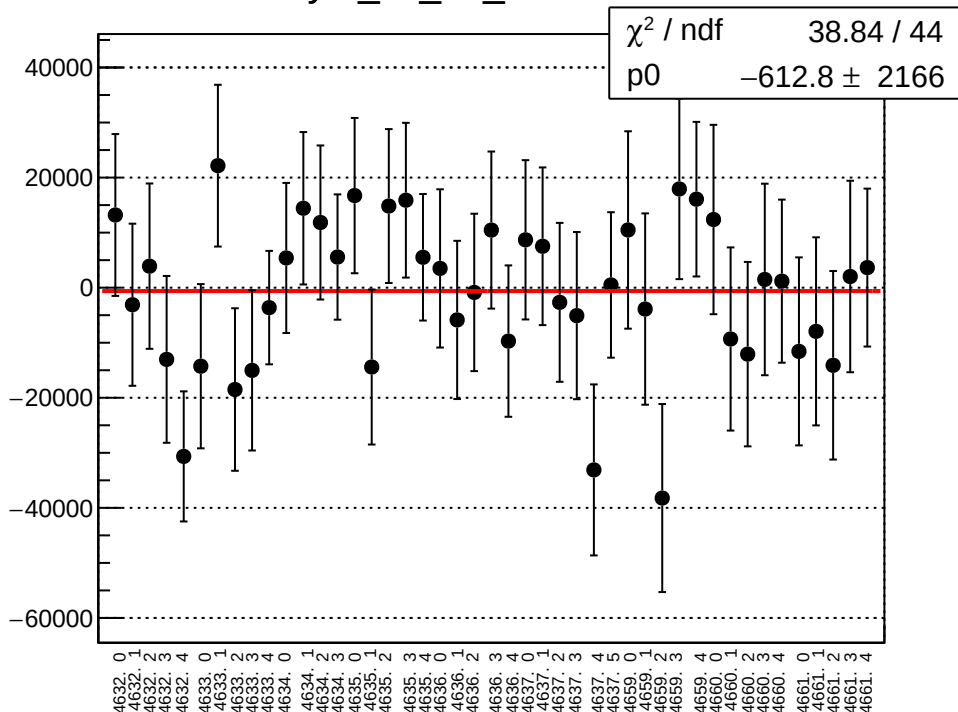
asym_atl_dd_correction_mean vs run



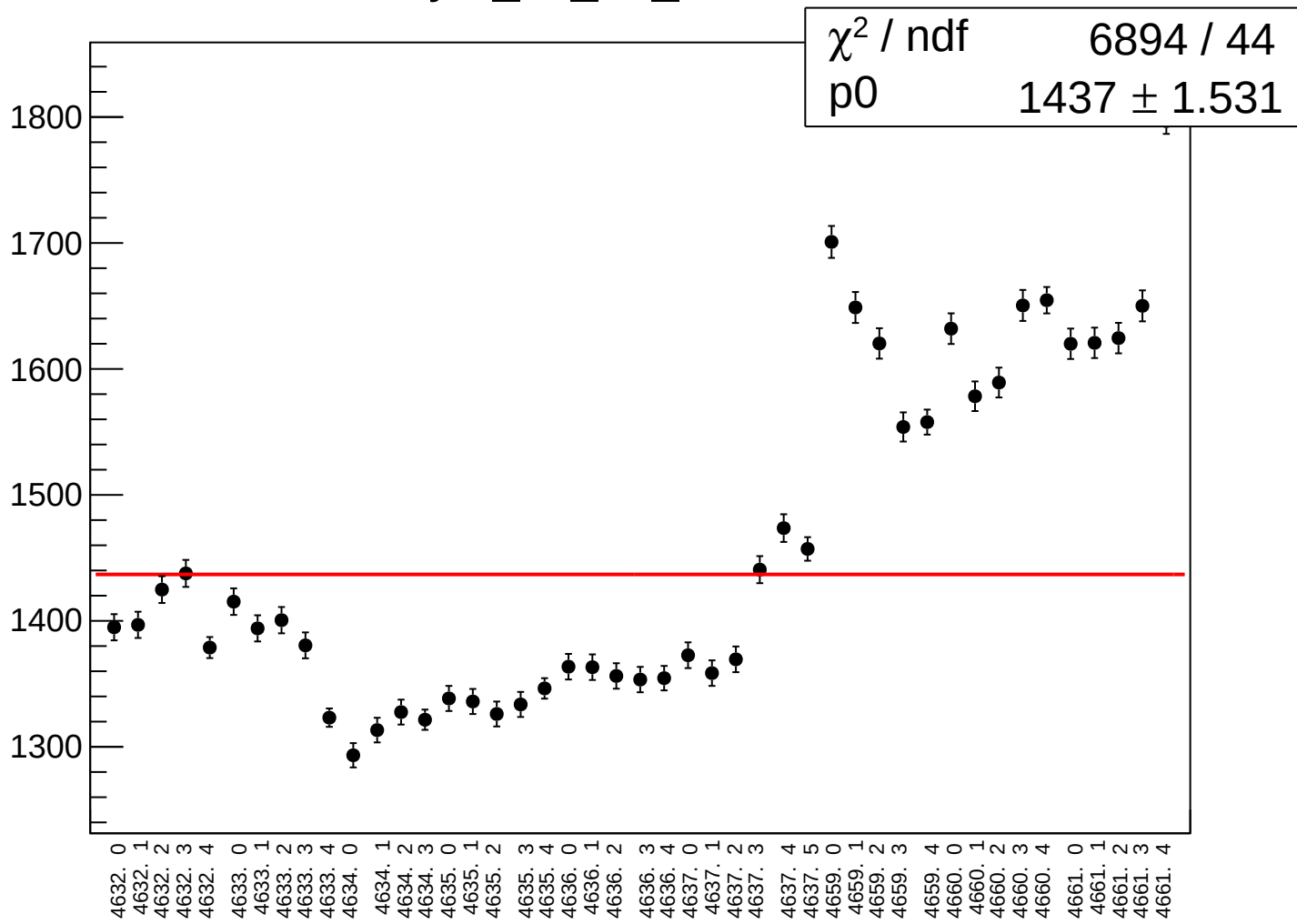
asym_atl_dd_correction_rms vs run



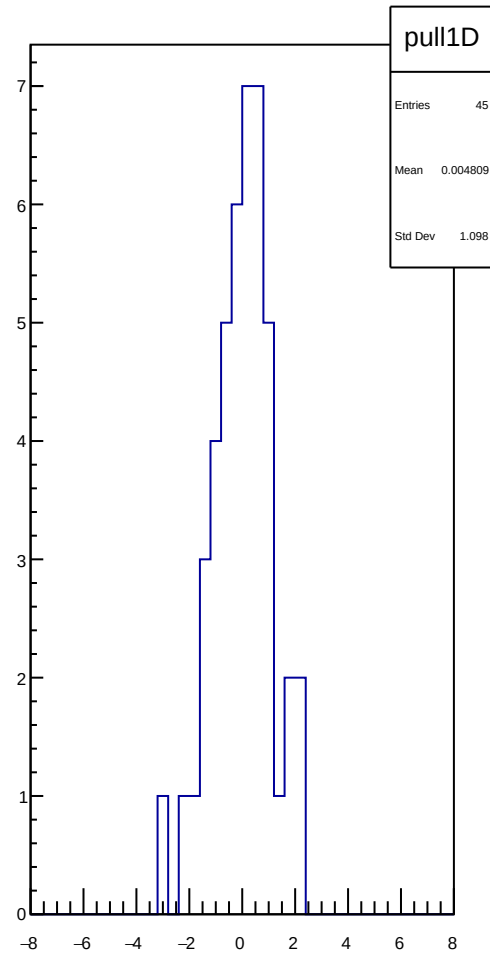
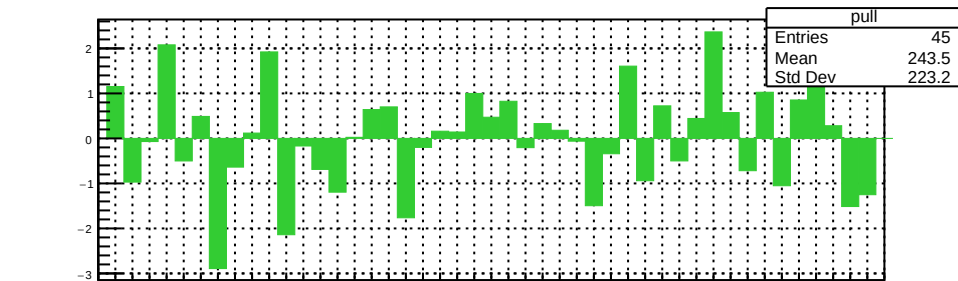
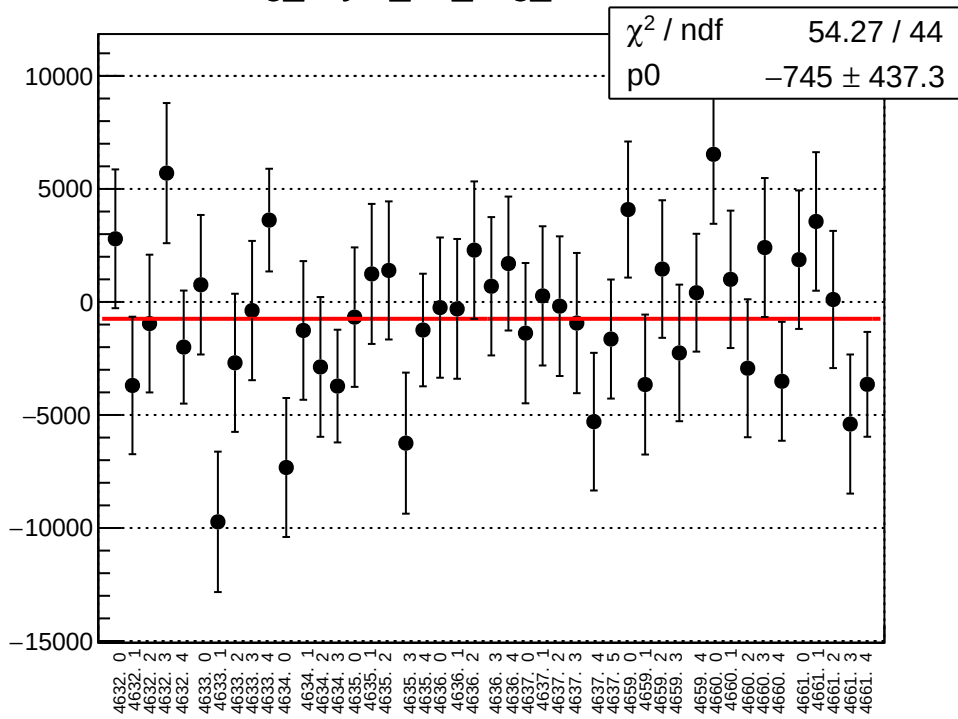
asym_atl_dd_mean vs run



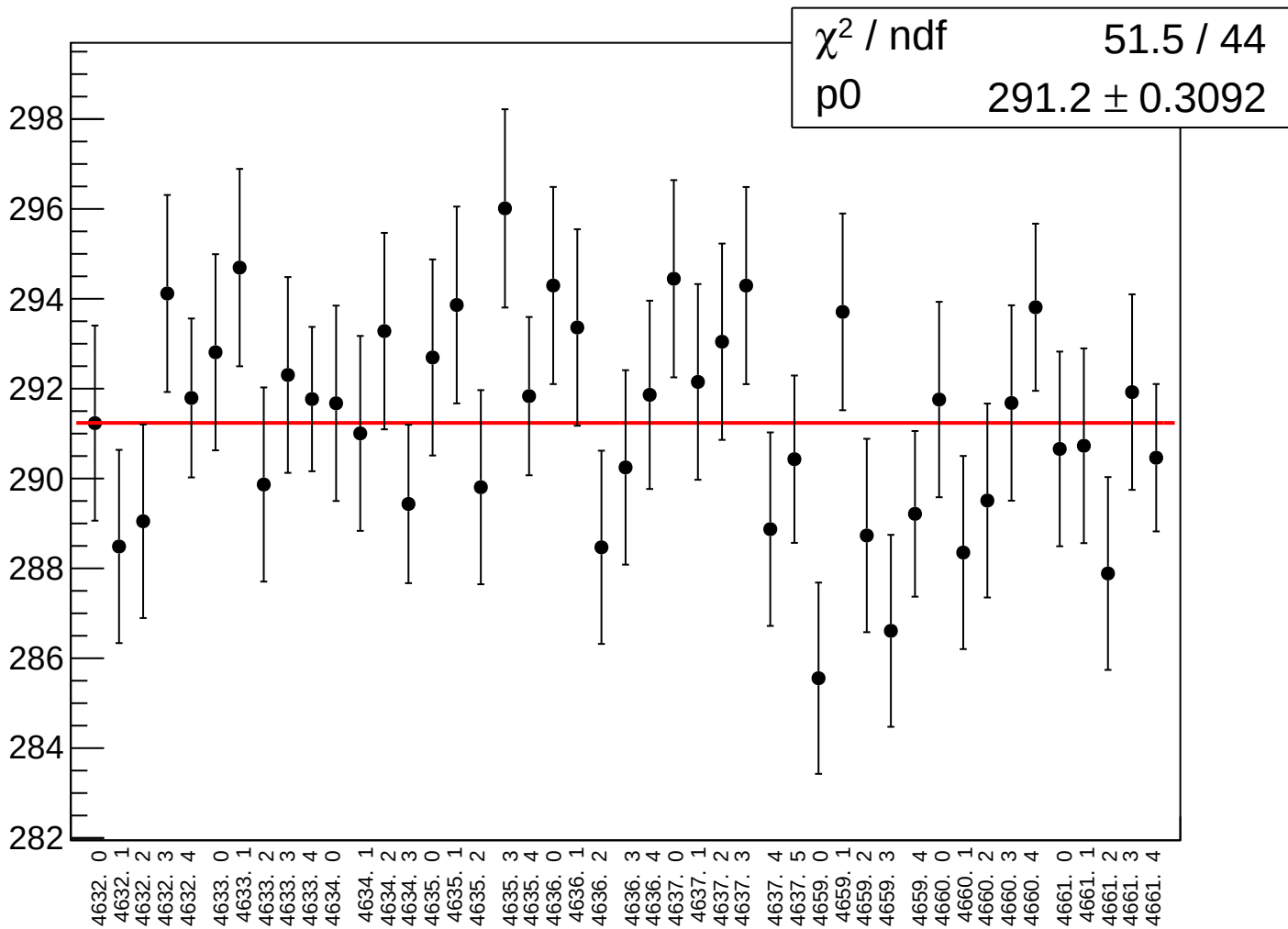
asym_atl_dd_rms vs run



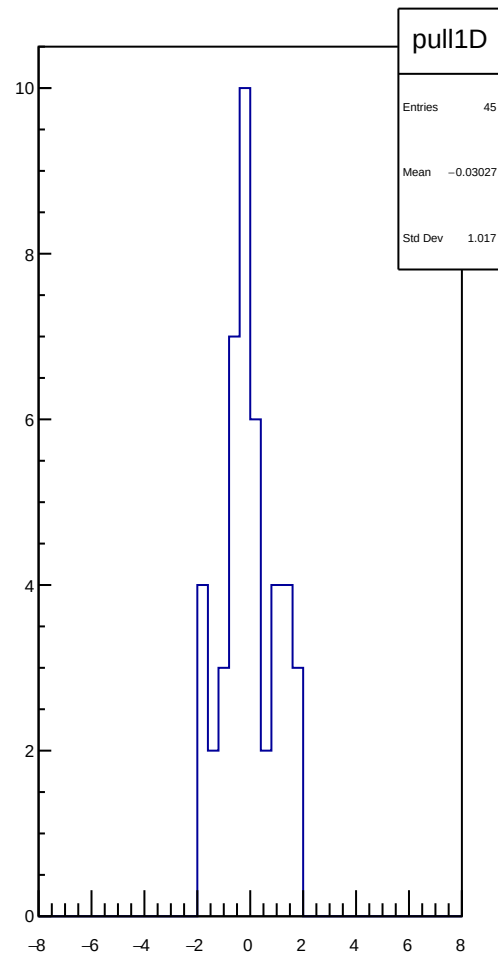
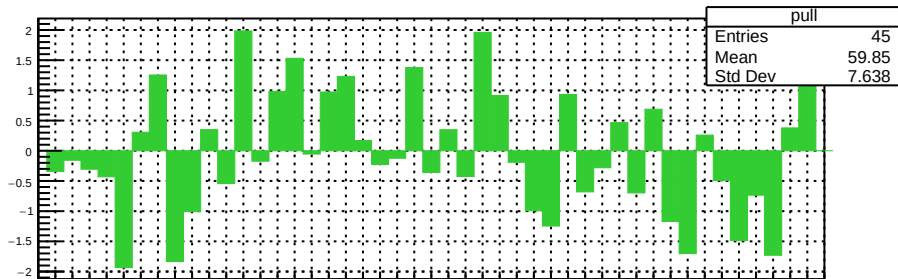
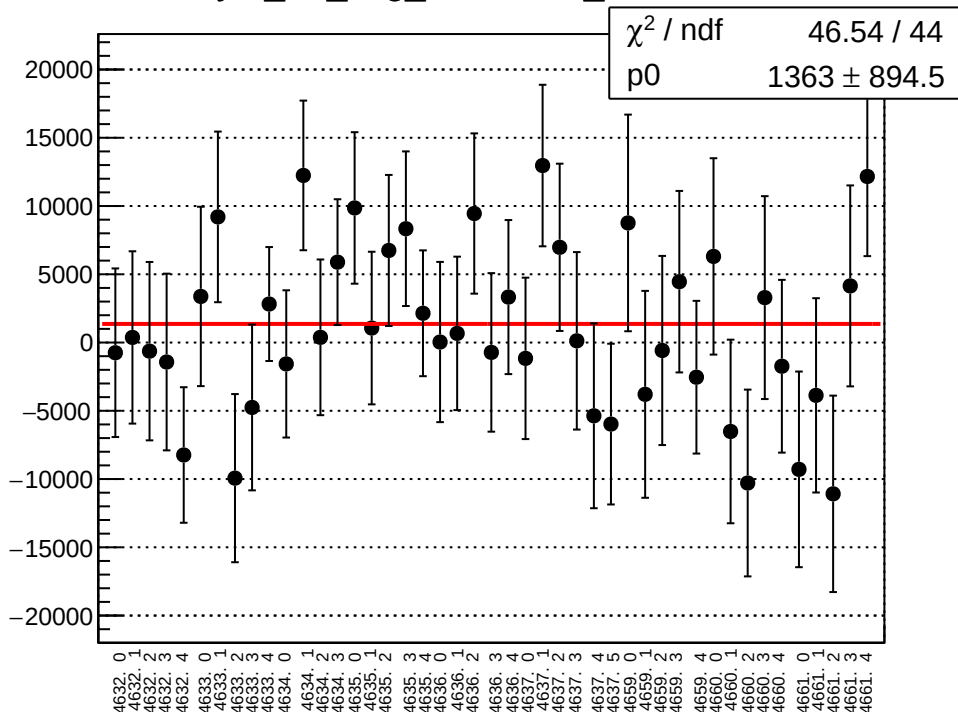
reg_asym_atr_avg_mean vs run



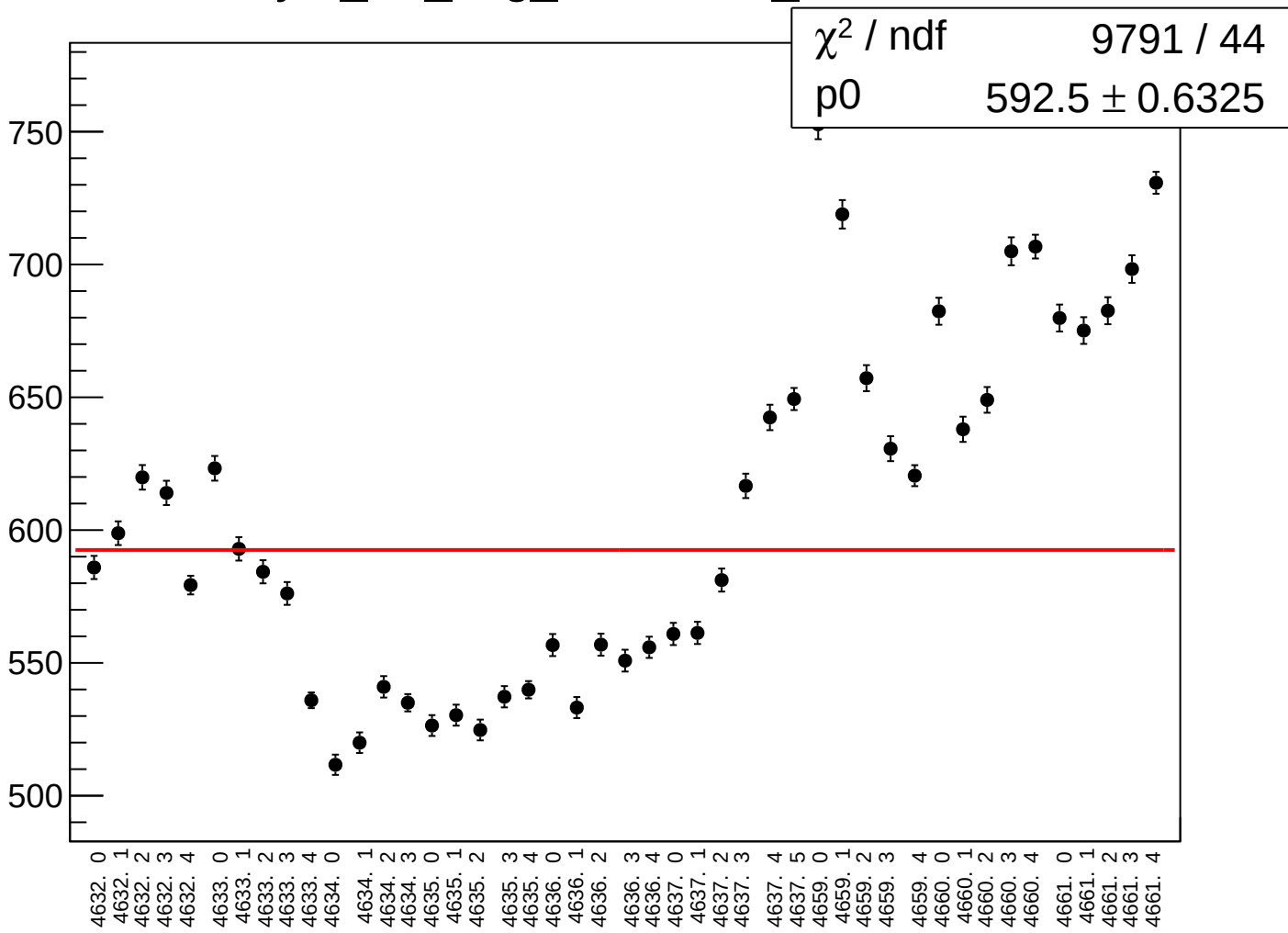
reg_asym_atr_avg_rms vs run



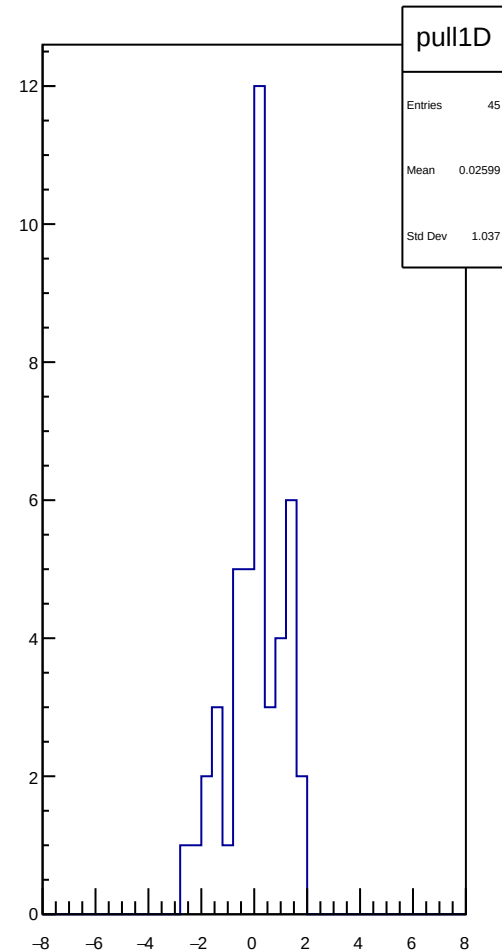
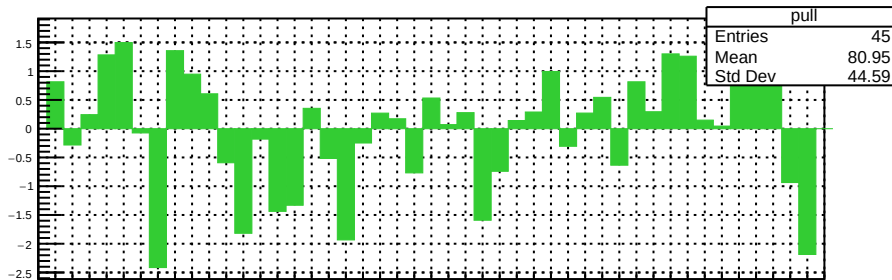
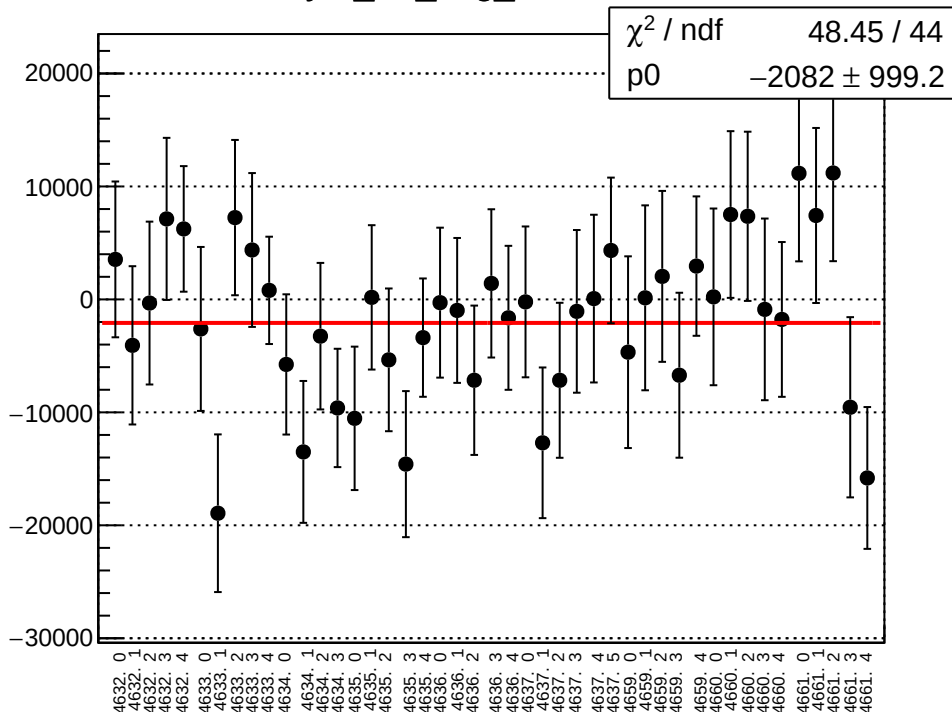
asym_atr_avg_correction_mean vs run



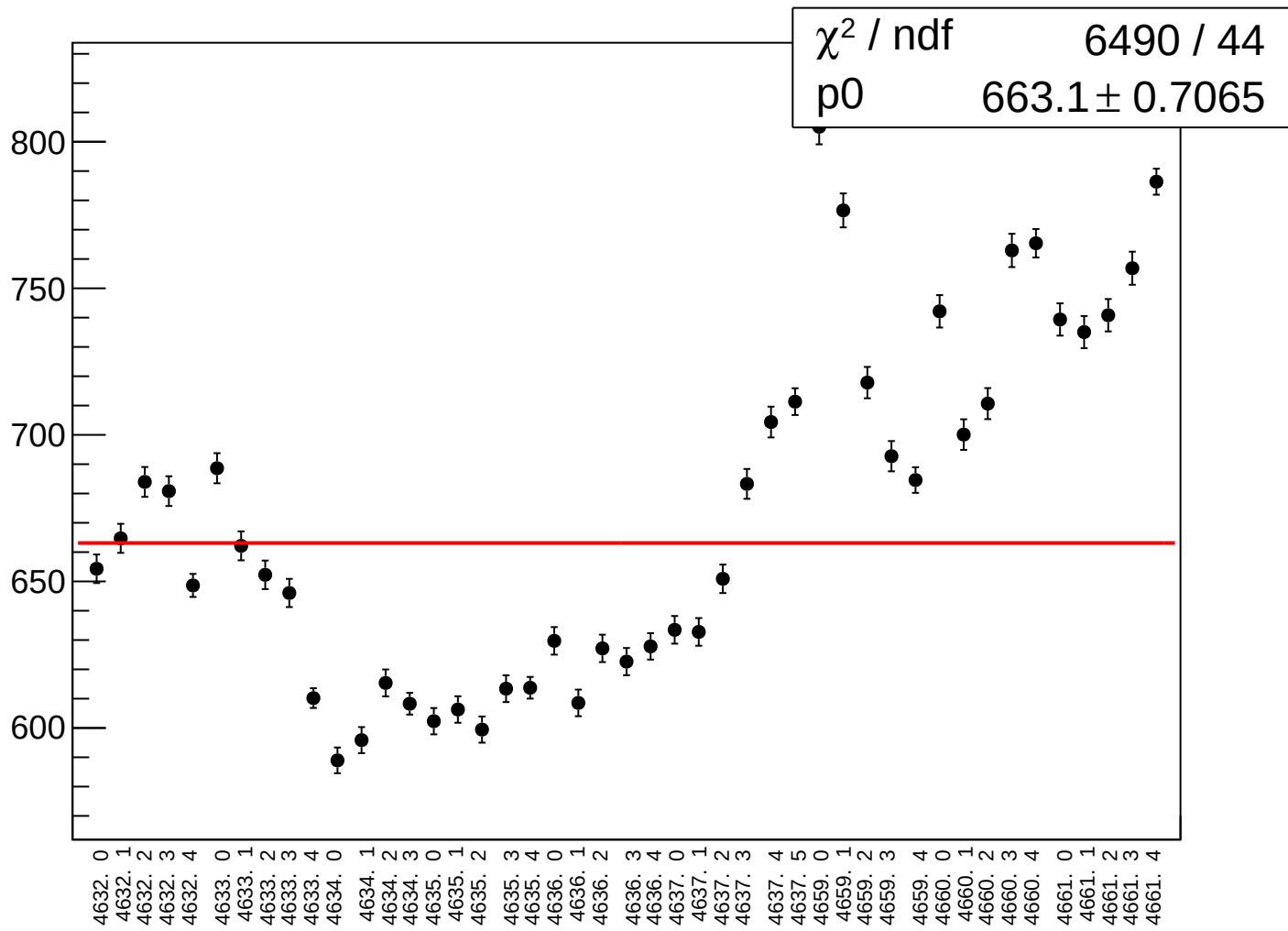
asym_atr_avg_correction_rms vs run



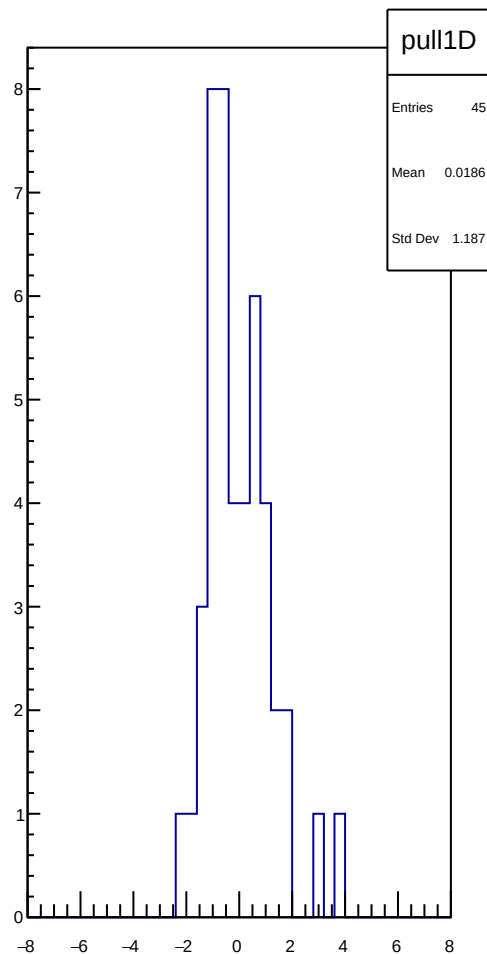
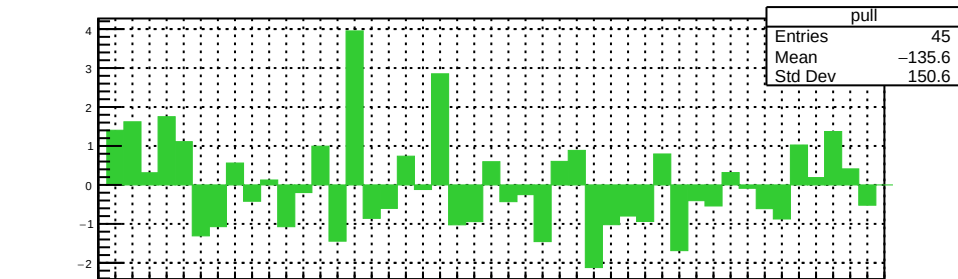
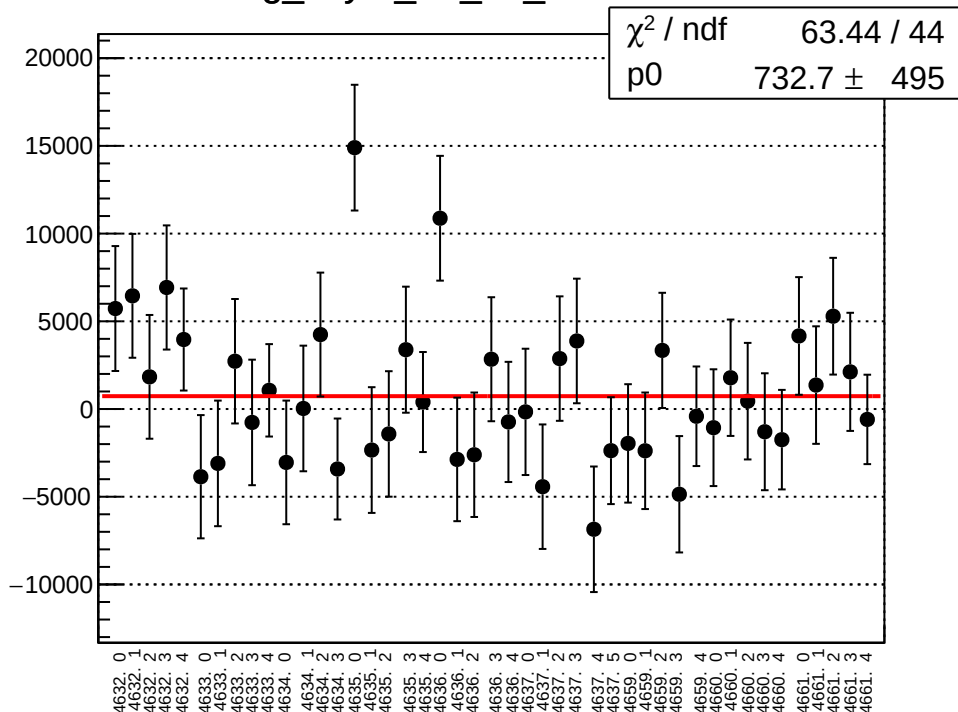
asym_atr_avg_mean vs run



asym_atr_avg_rms vs run



reg_asym_atr_dd_mean vs run



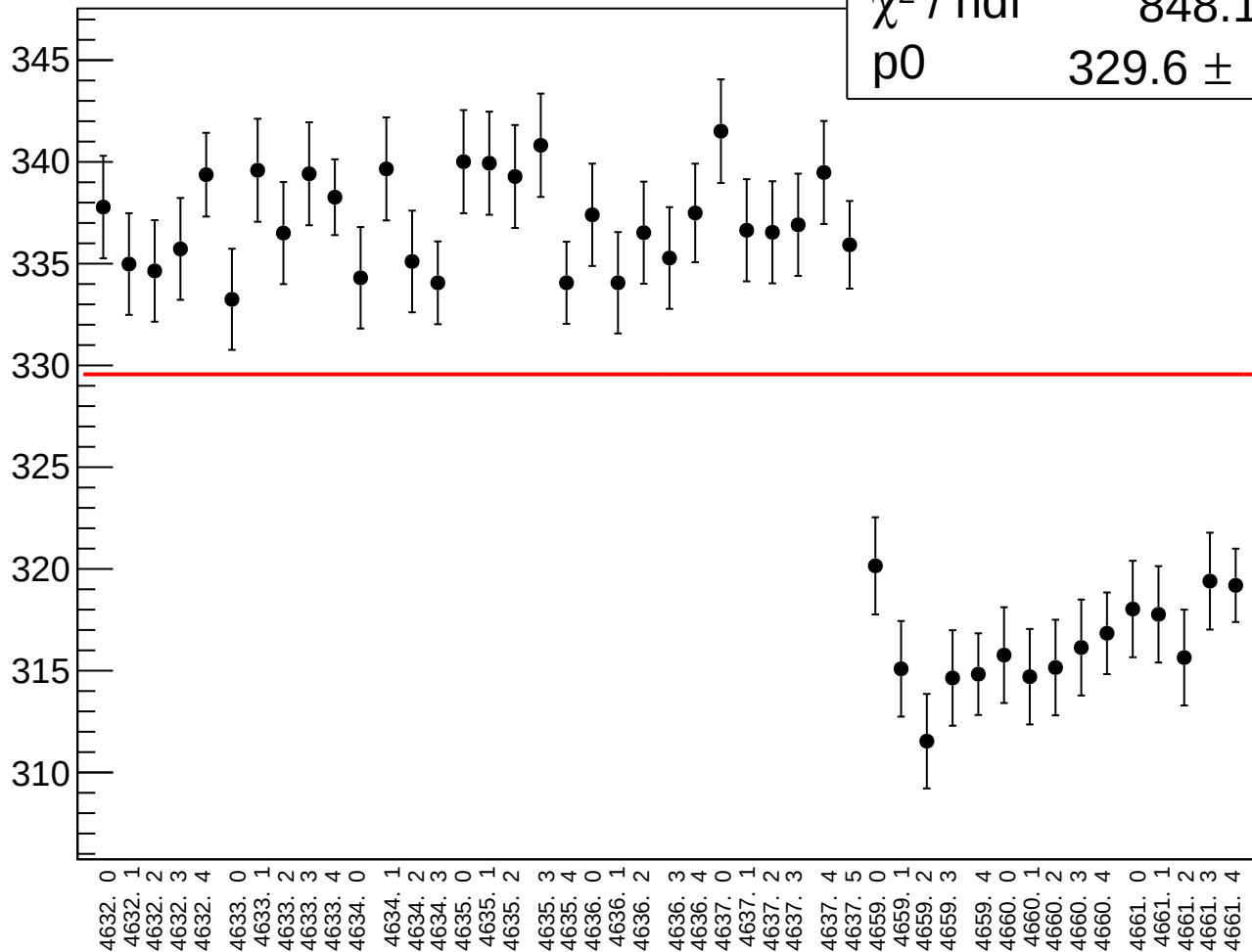
reg_asym_atr_dd_rms vs run

χ^2 / ndf

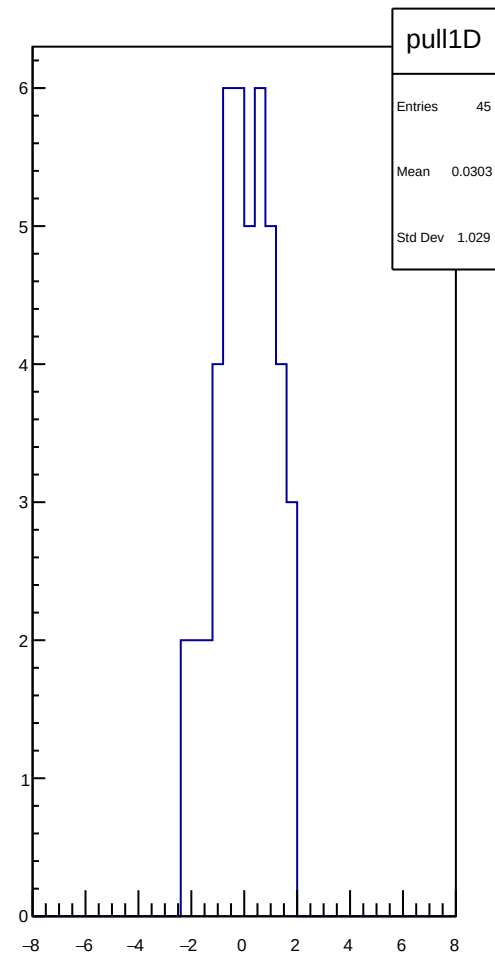
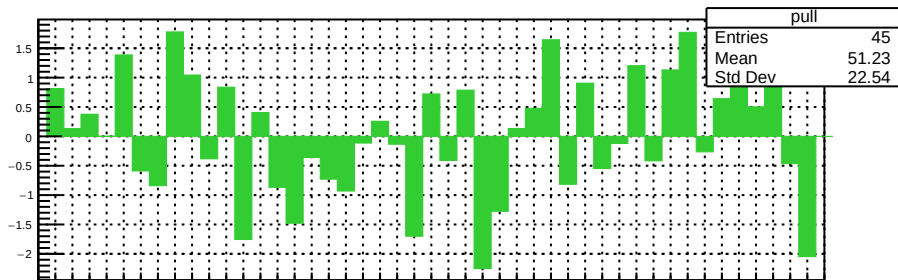
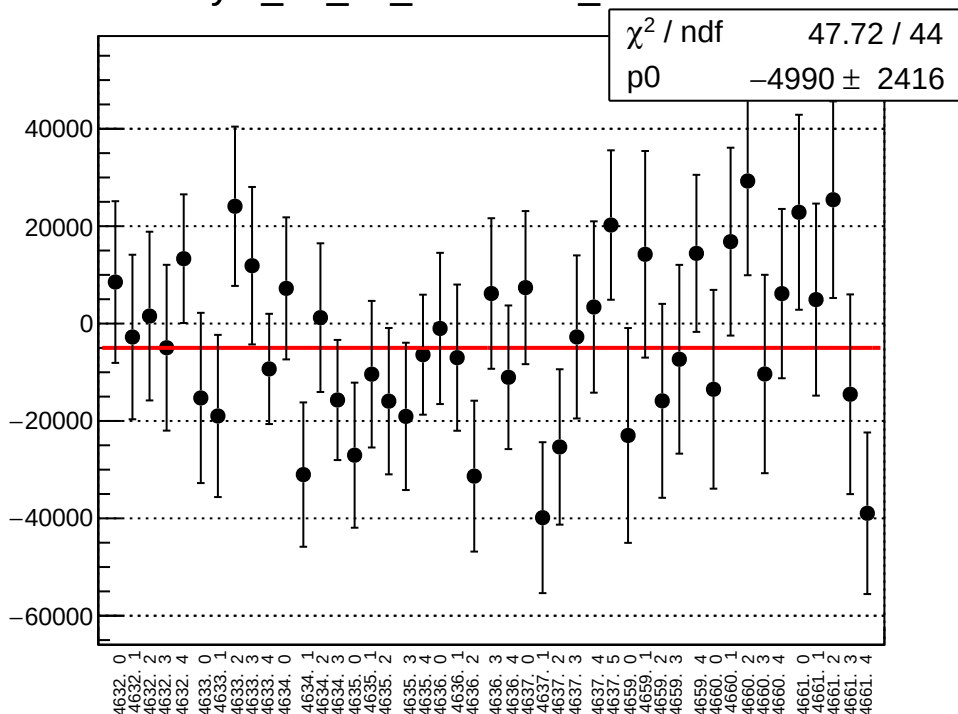
848.1 / 44

p0

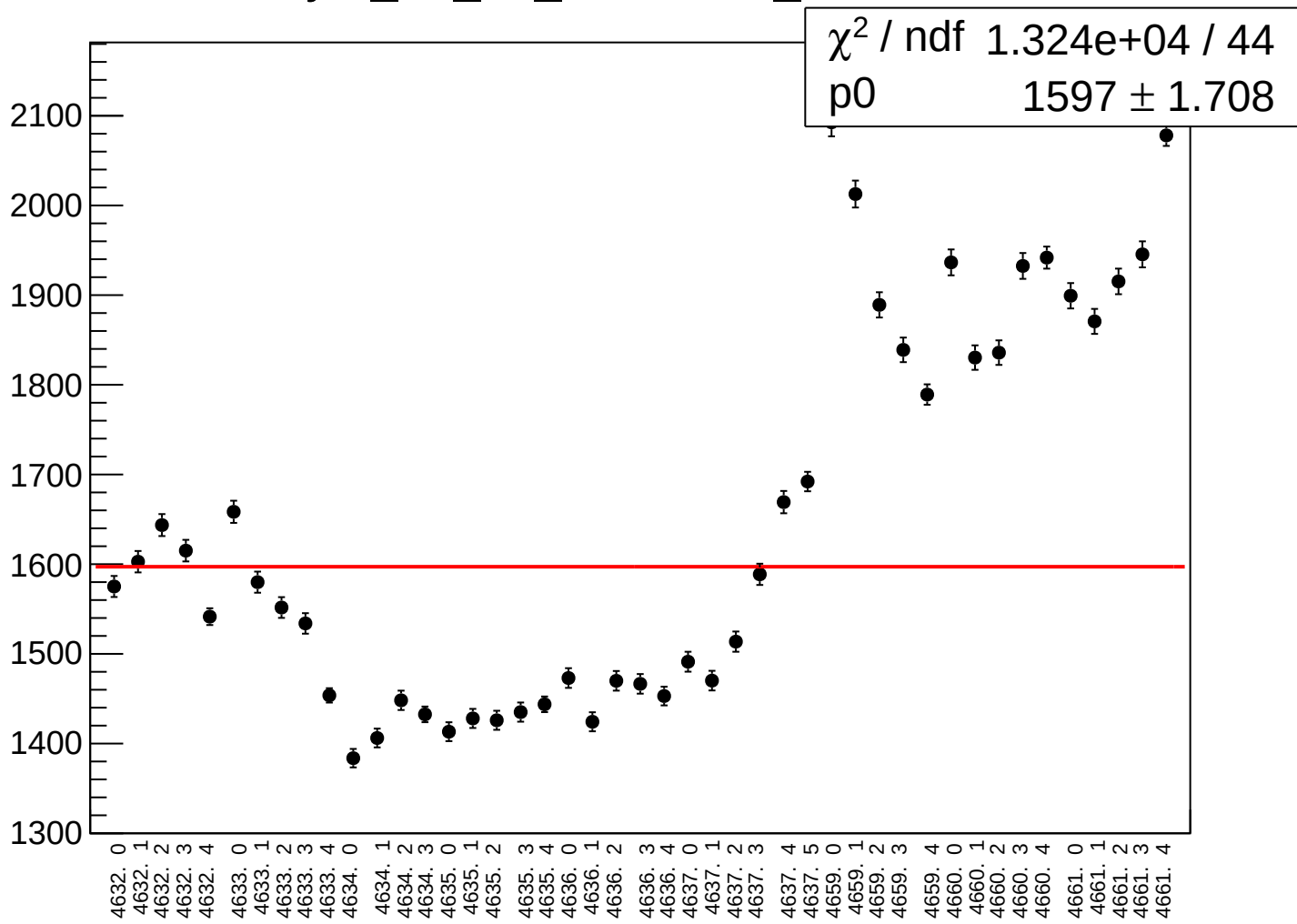
329.6 ± 0.35



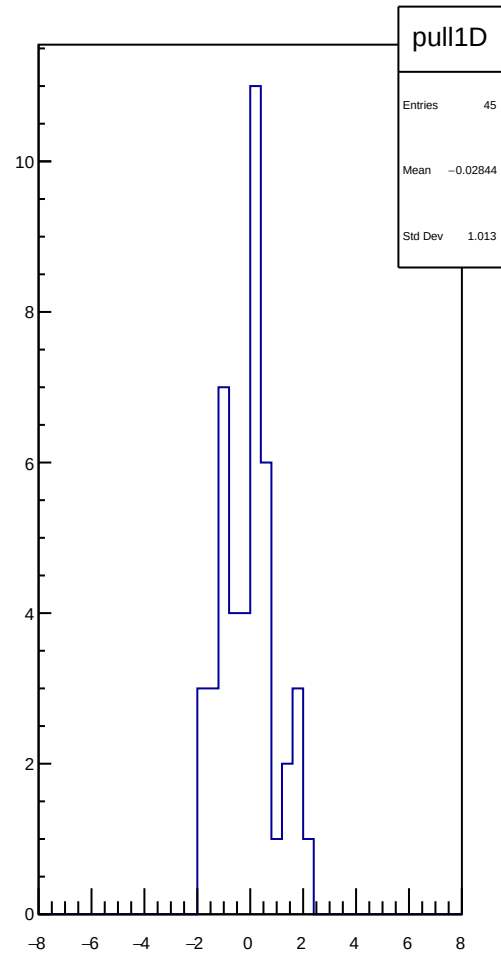
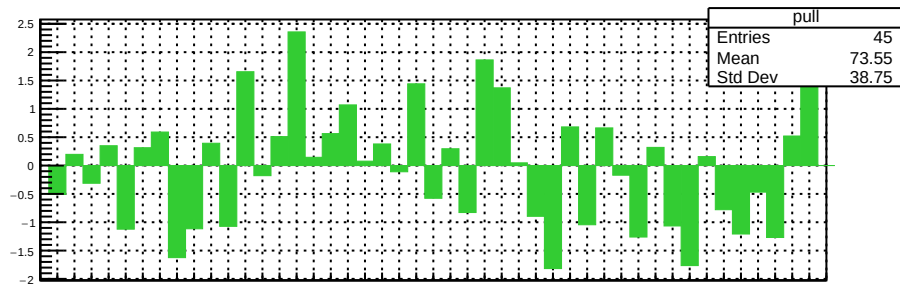
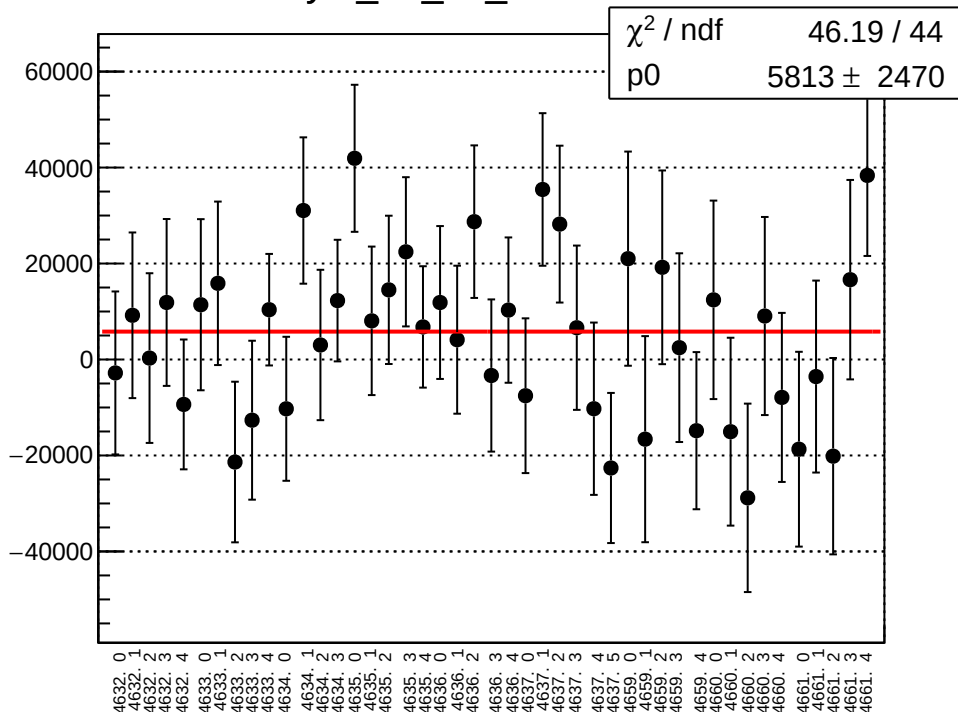
asym_atr_dd_correction_mean vs run



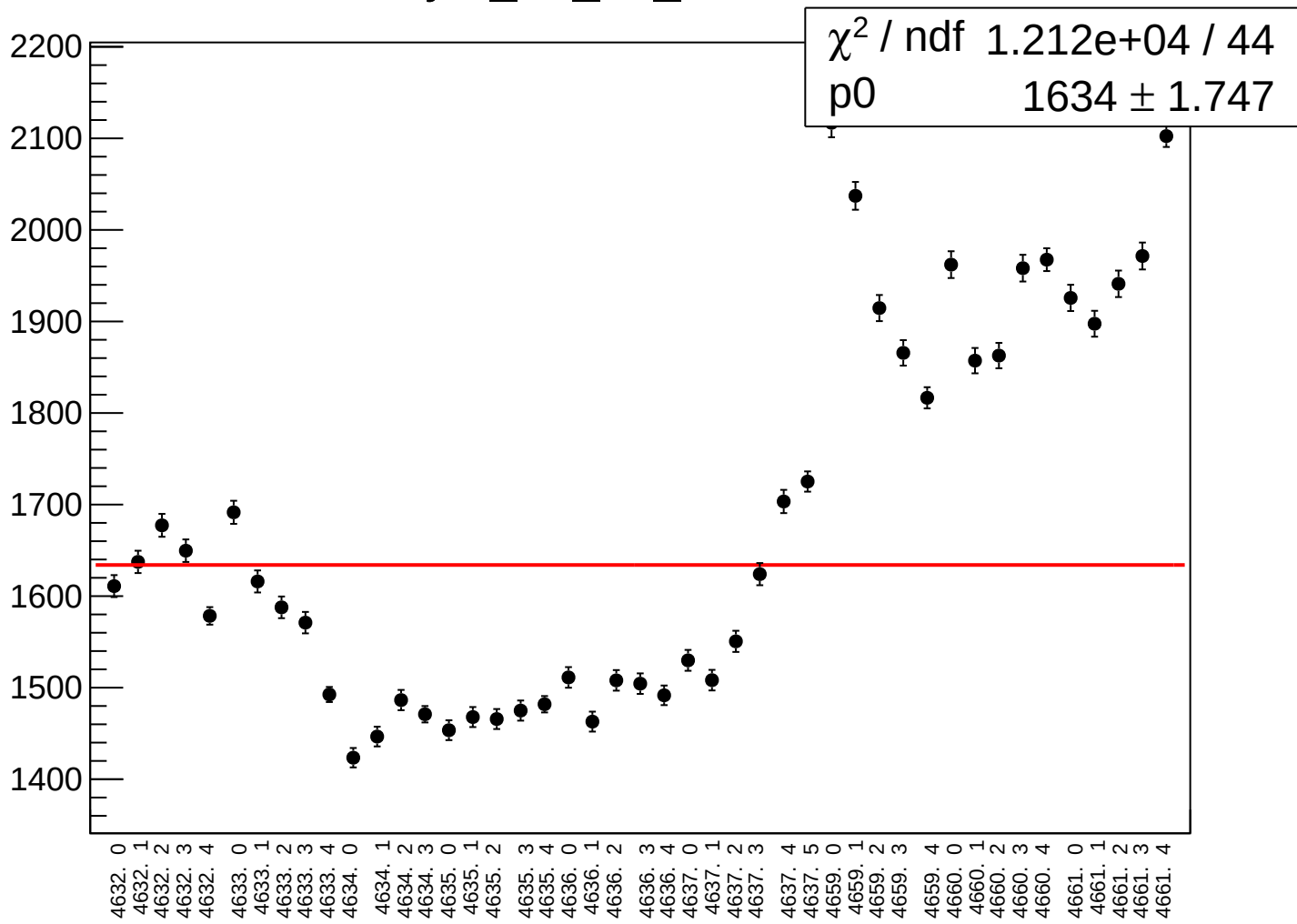
asym_atr_dd_correction_rms vs run



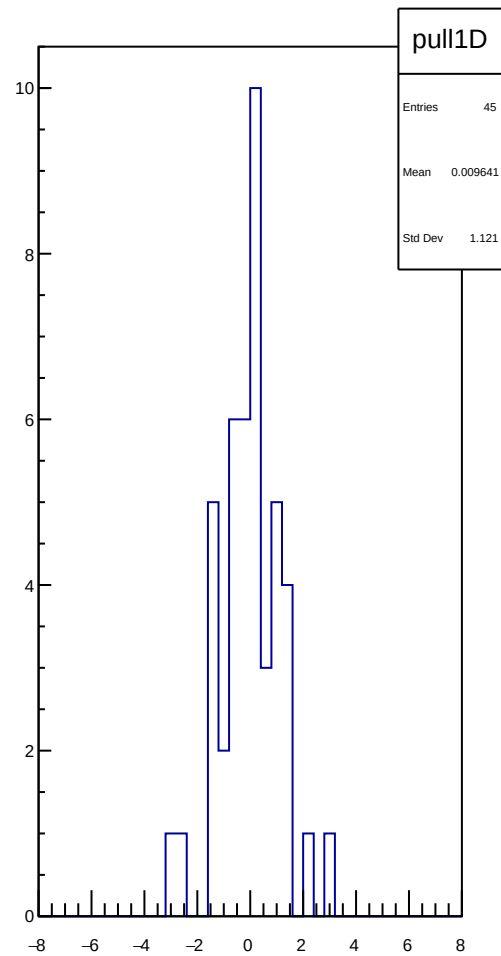
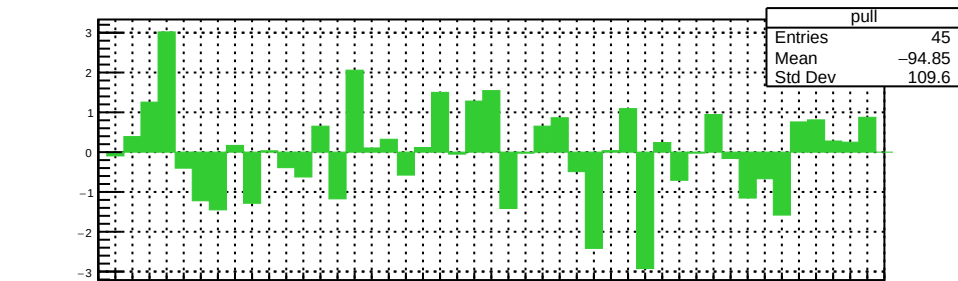
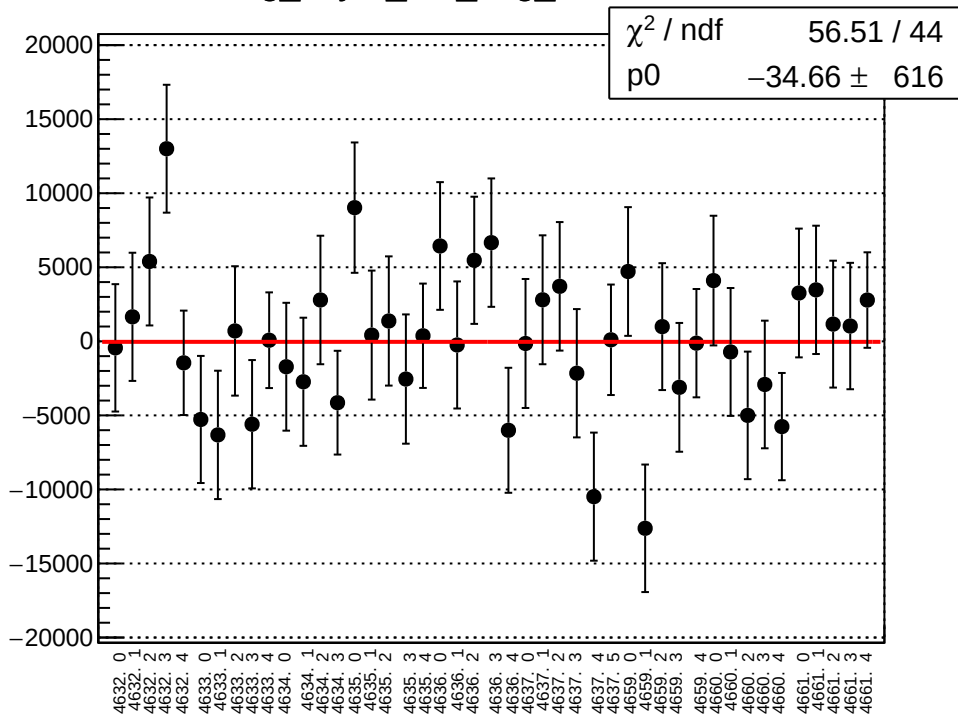
asym_atr_dd_mean vs run



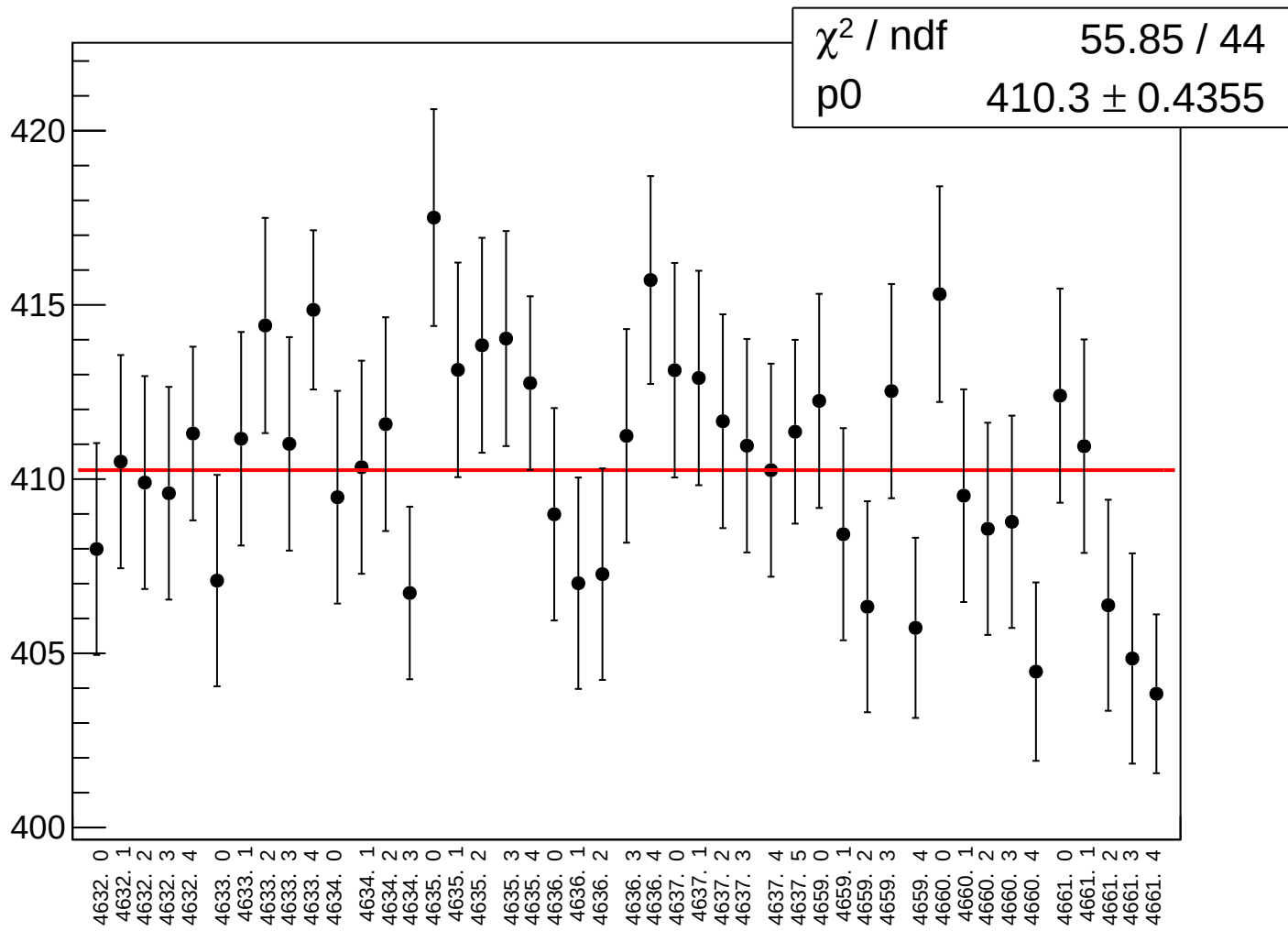
asym_atr_dd_rms vs run



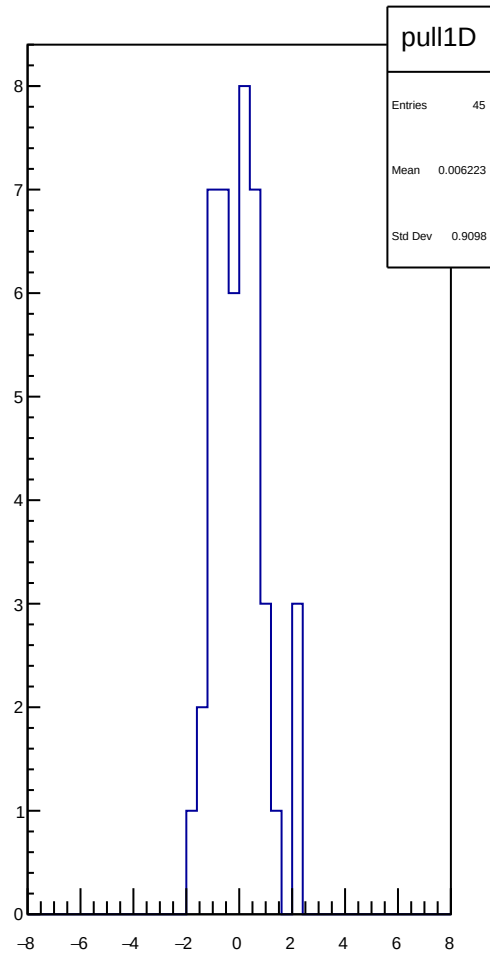
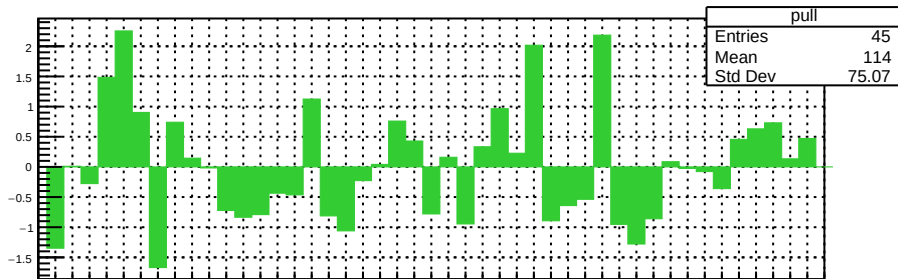
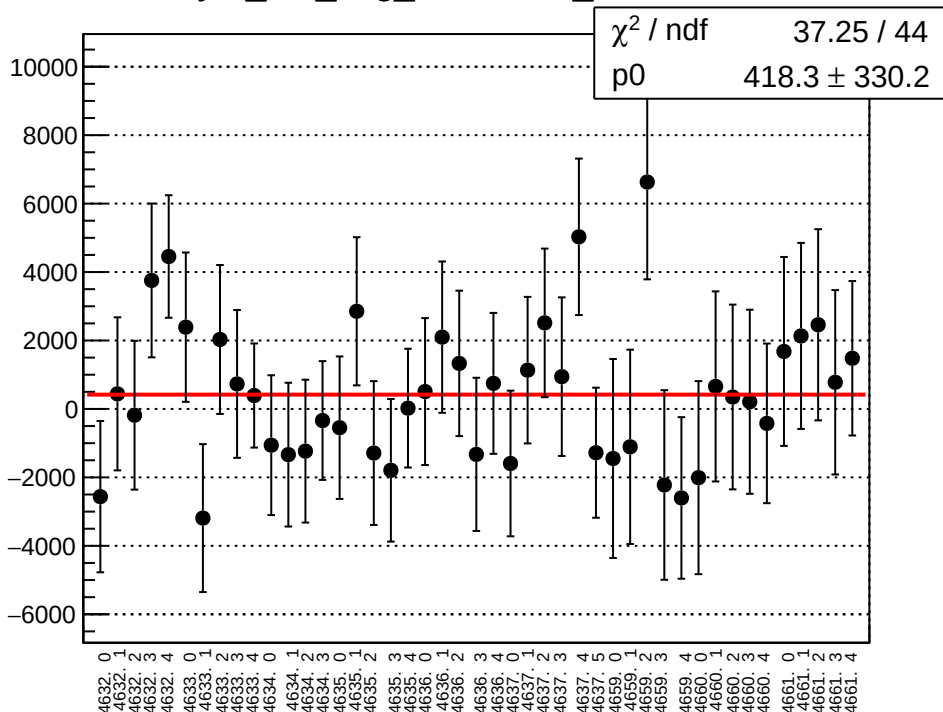
reg_asym_at1_avg_mean vs run



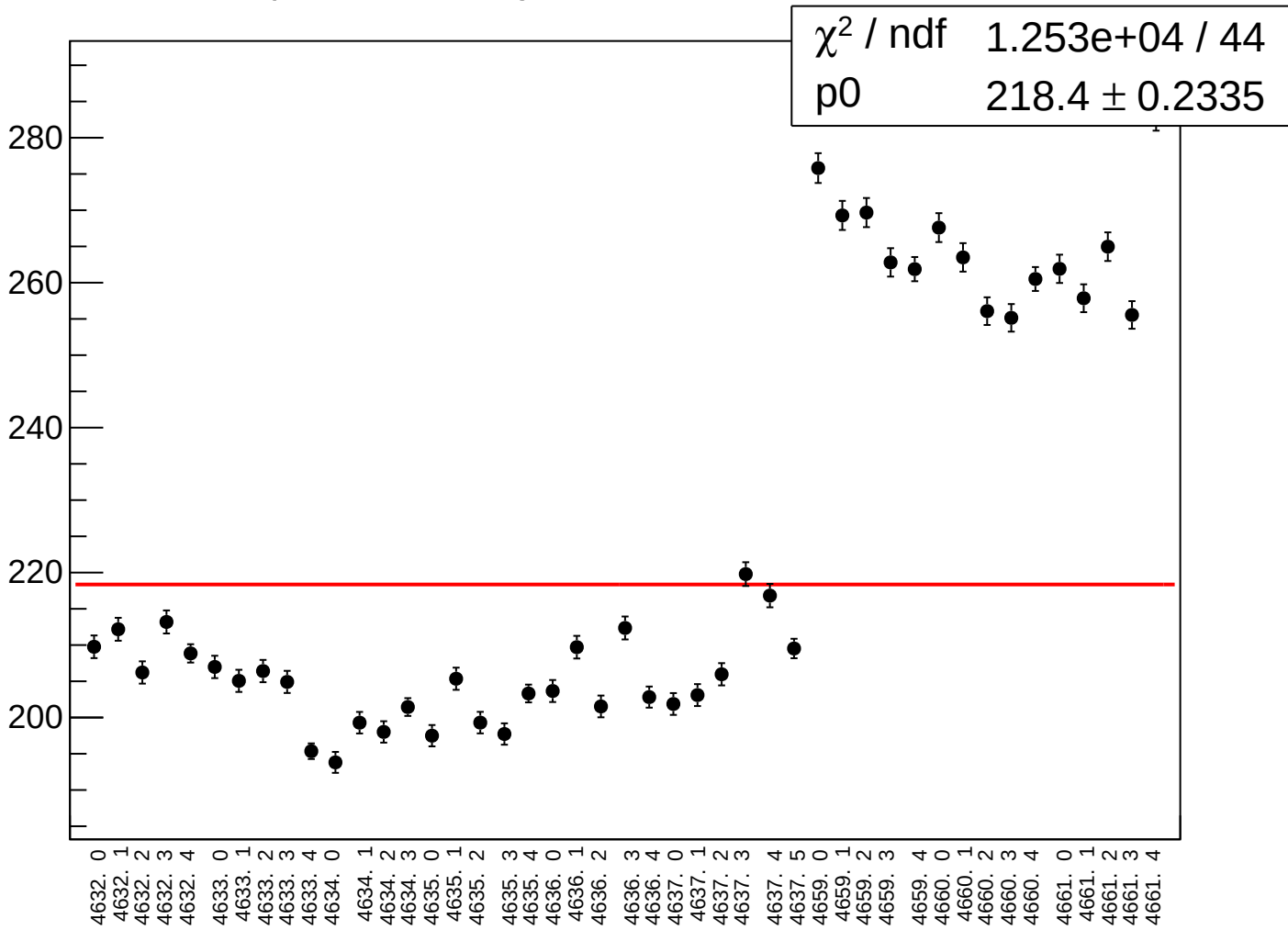
reg_asym_at1_avg_rms vs run



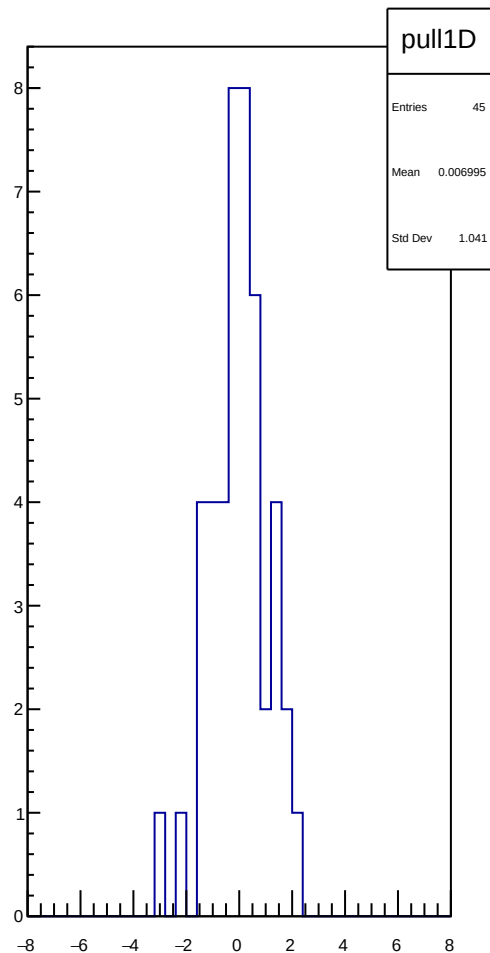
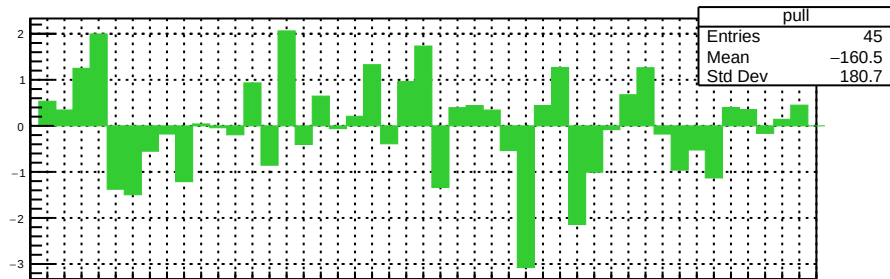
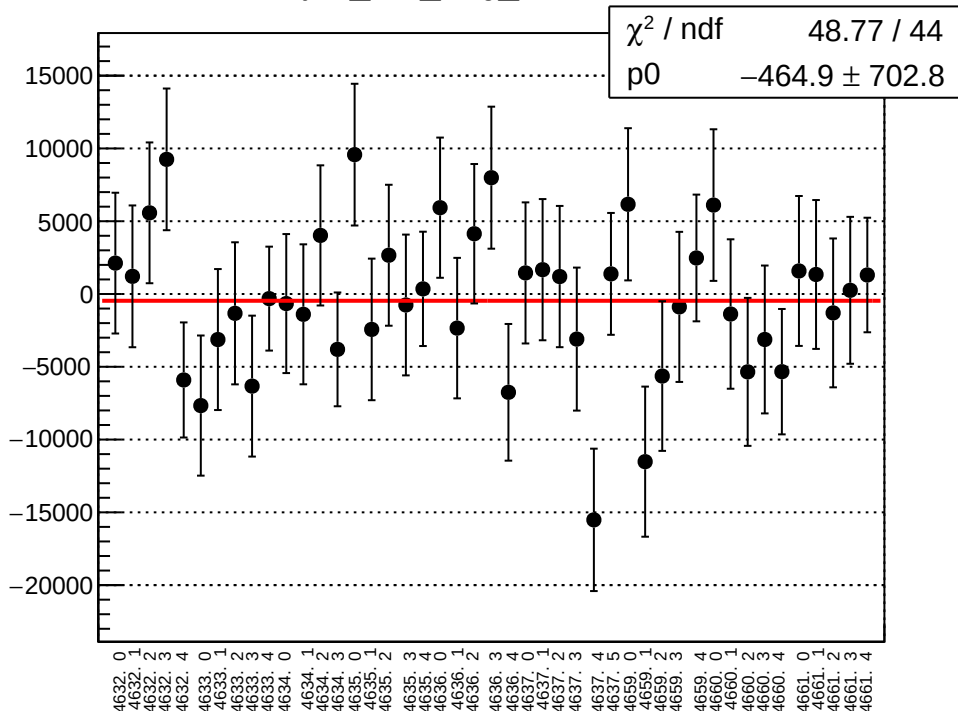
asym_at1_avg_correction_mean vs run



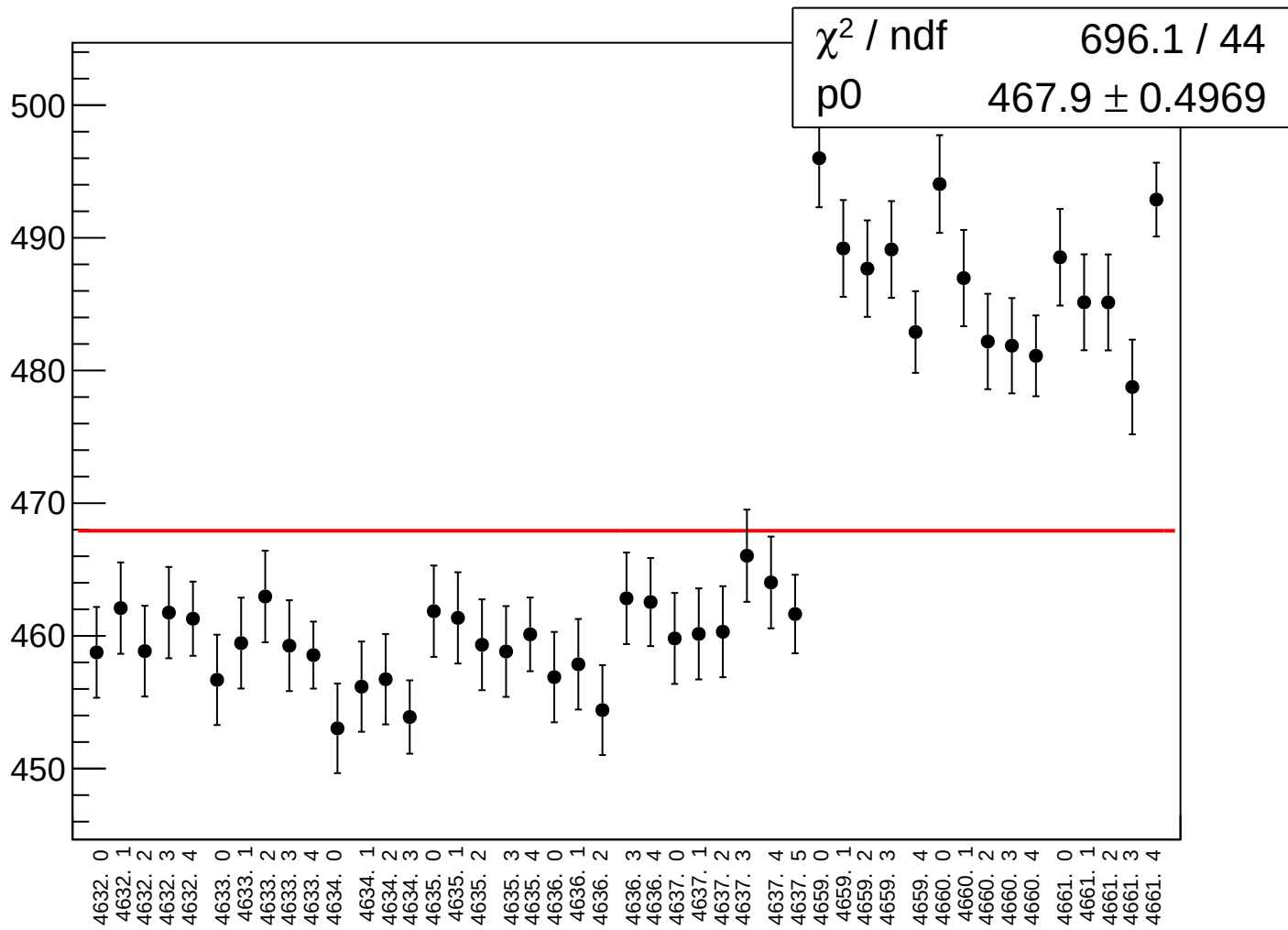
asym_at1_avg_correction_rms vs run



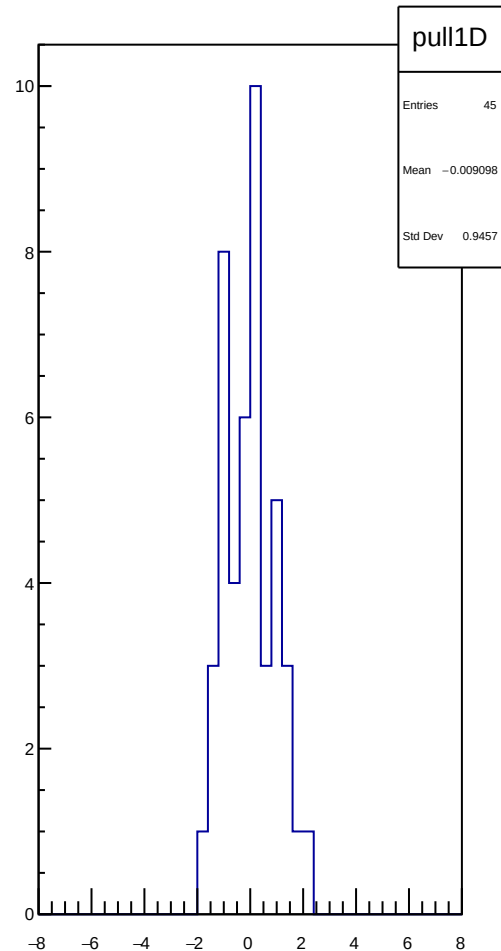
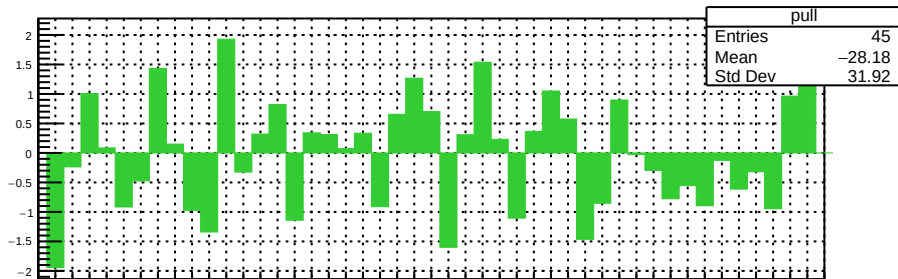
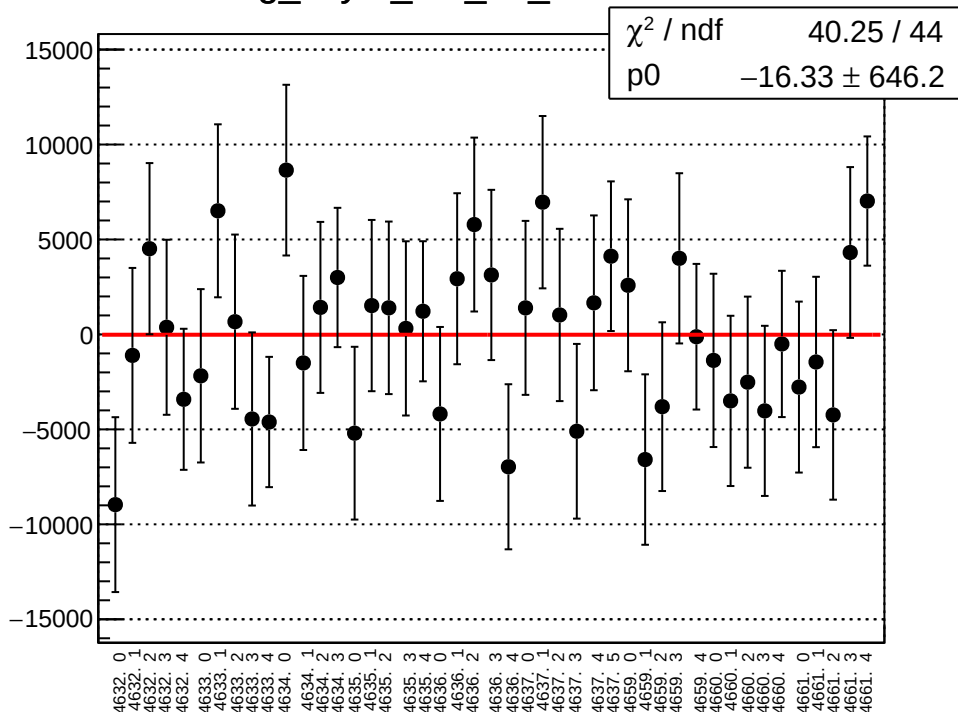
asym_at1_avg_mean vs run



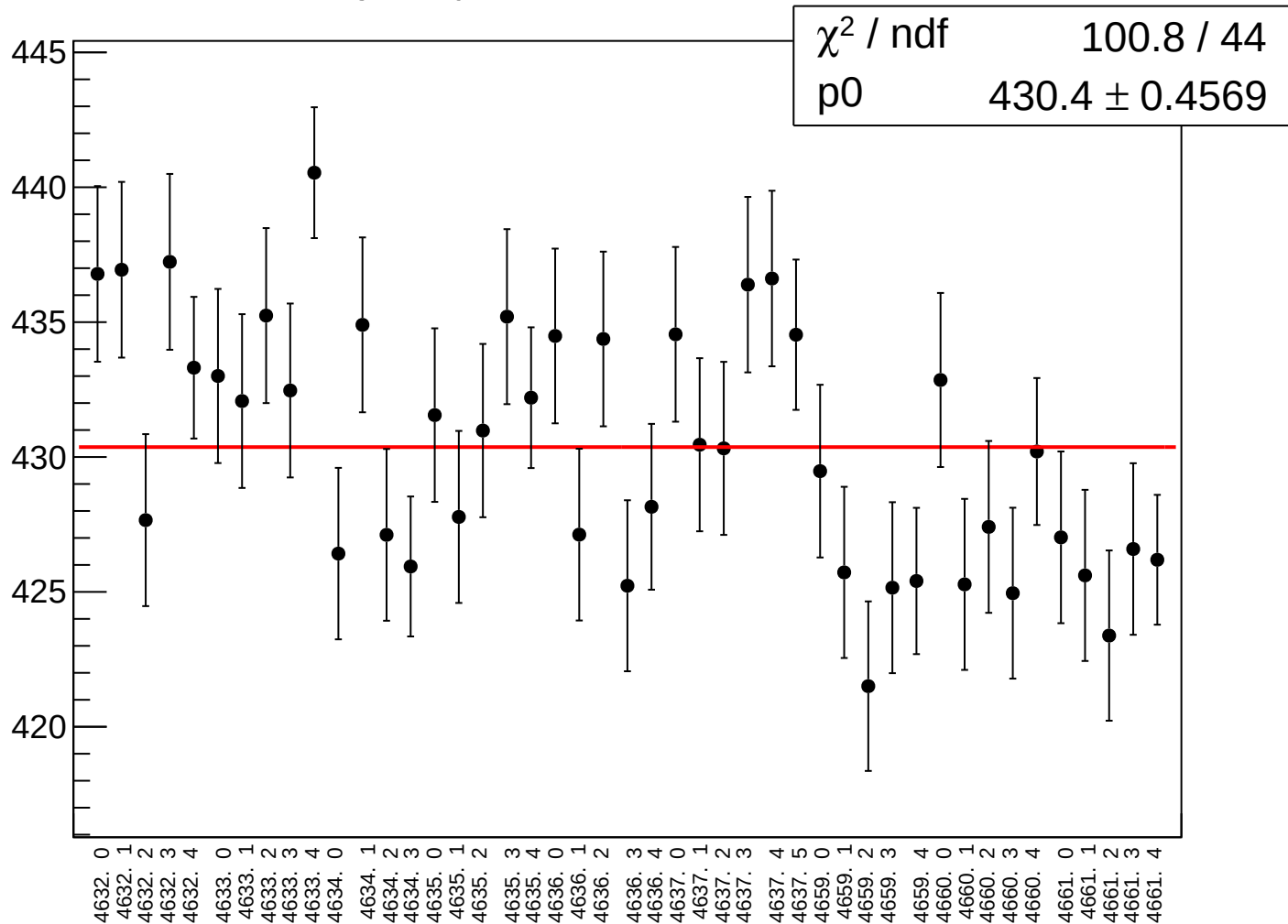
asym_at1_avg_rms vs run



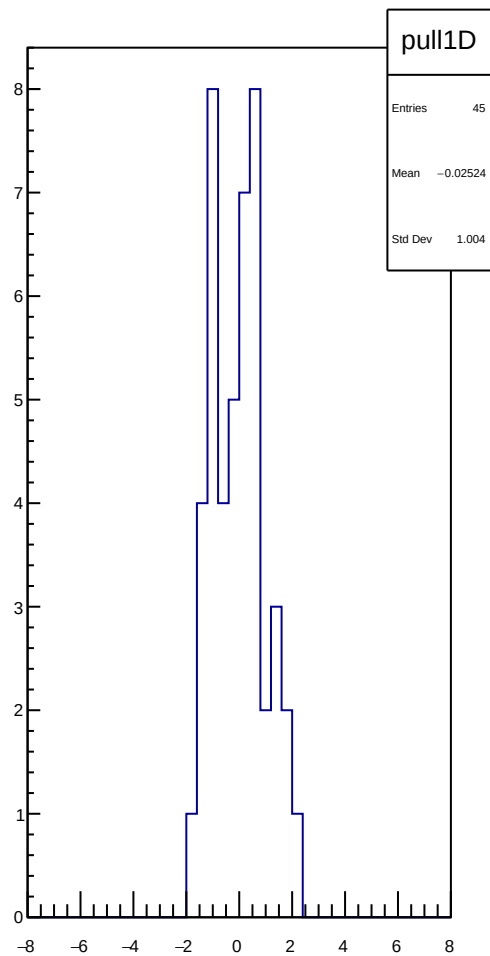
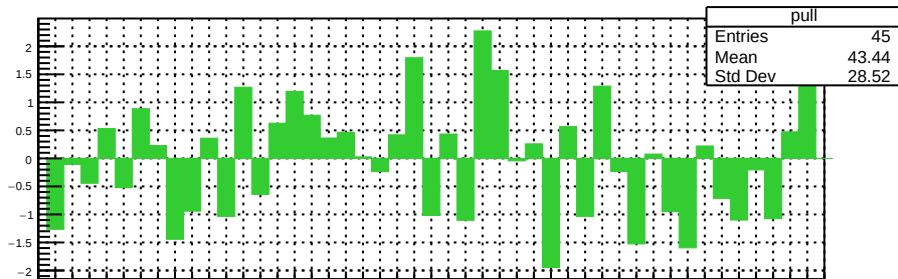
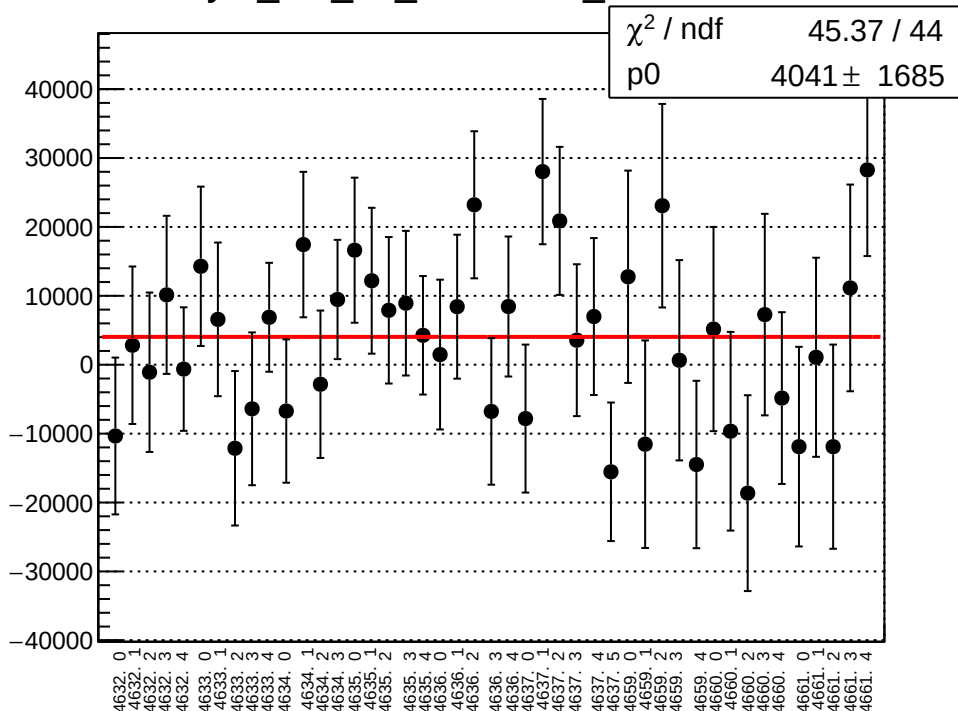
reg_asym_at1_dd_mean vs run



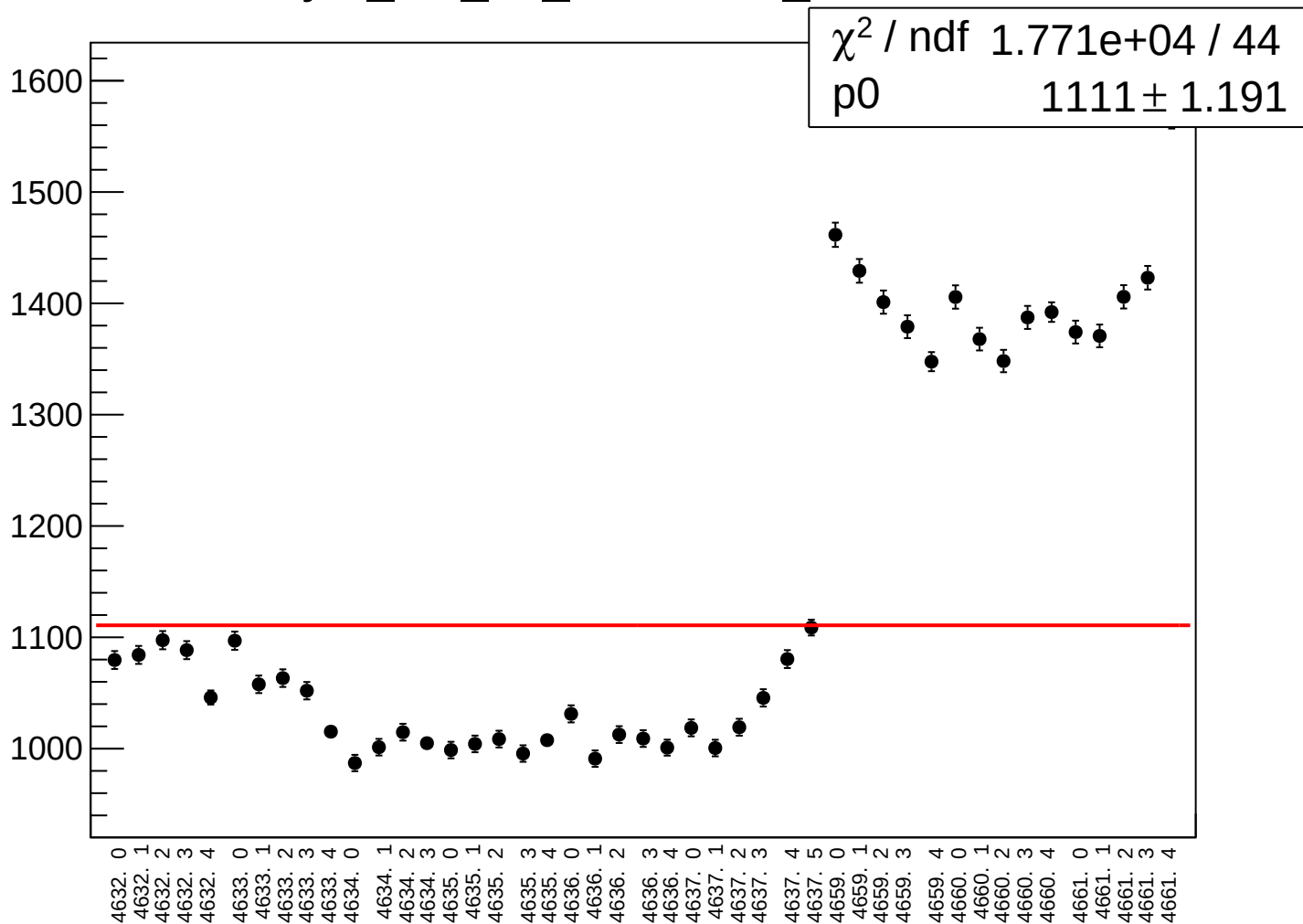
reg_asym_at1_dd_rms vs run



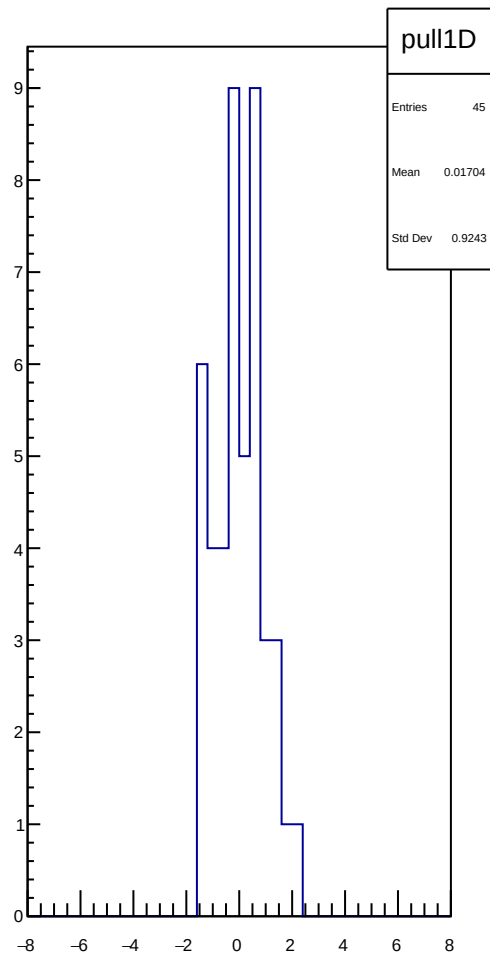
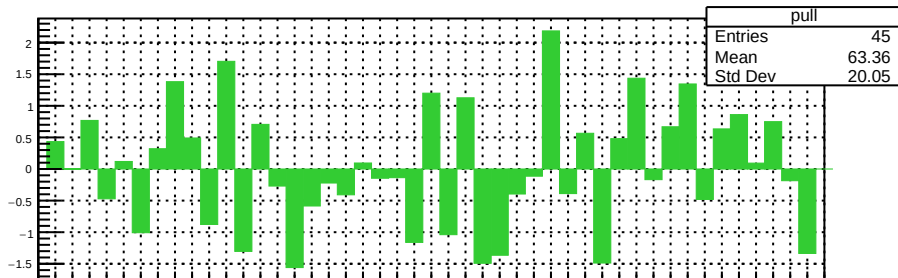
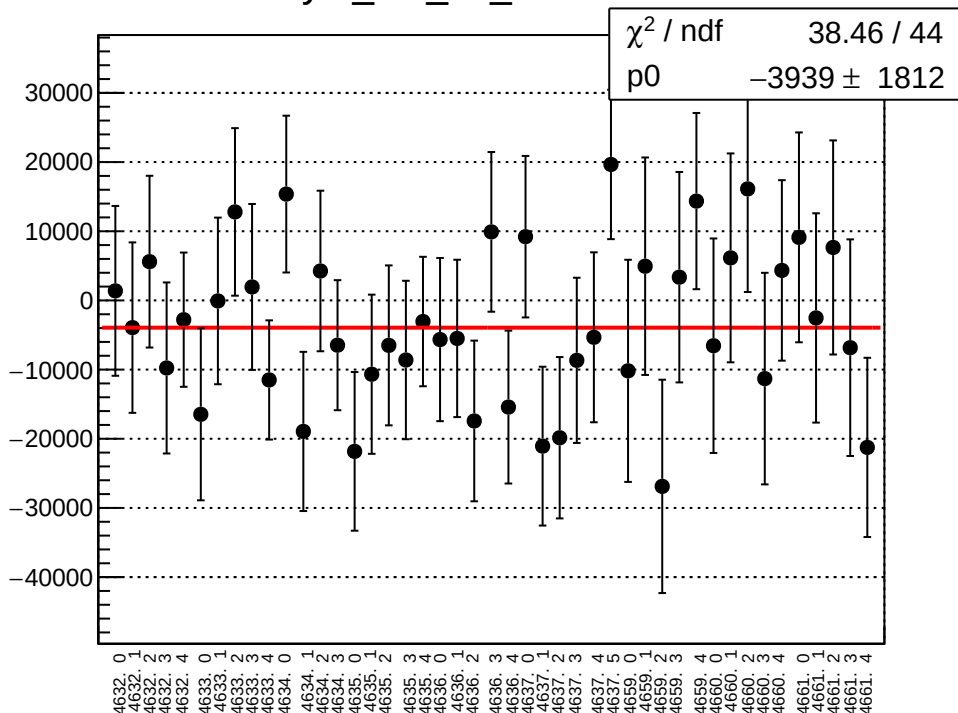
asym_at1_dd_correction_mean vs run



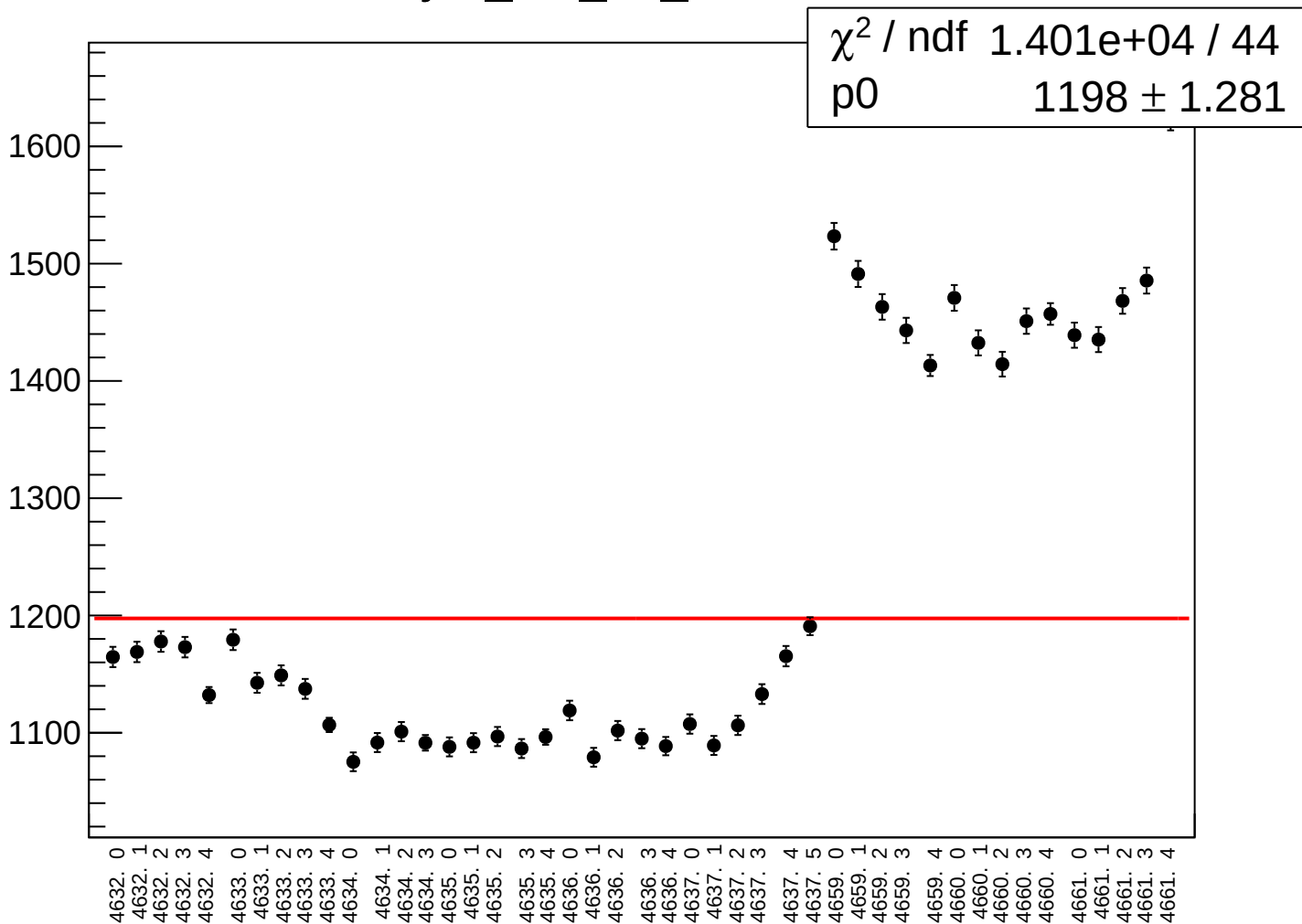
asym_at1_dd_correction_rms vs run



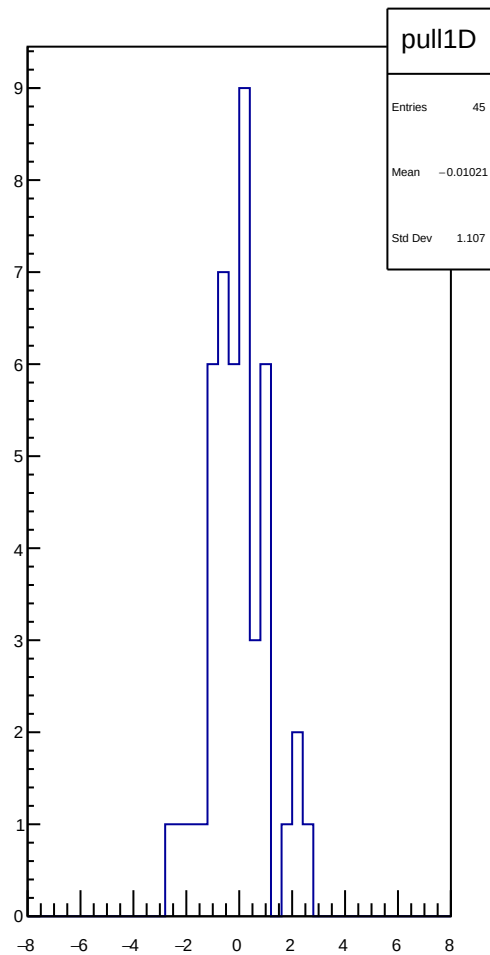
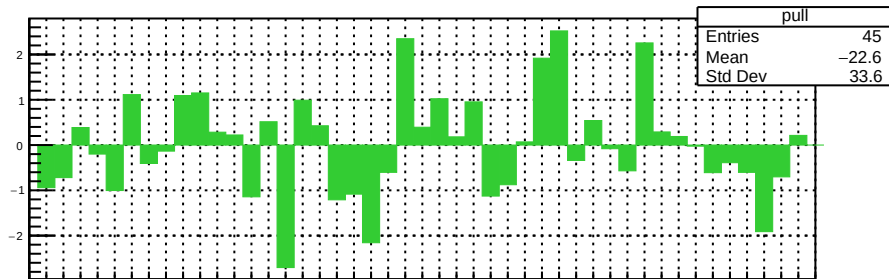
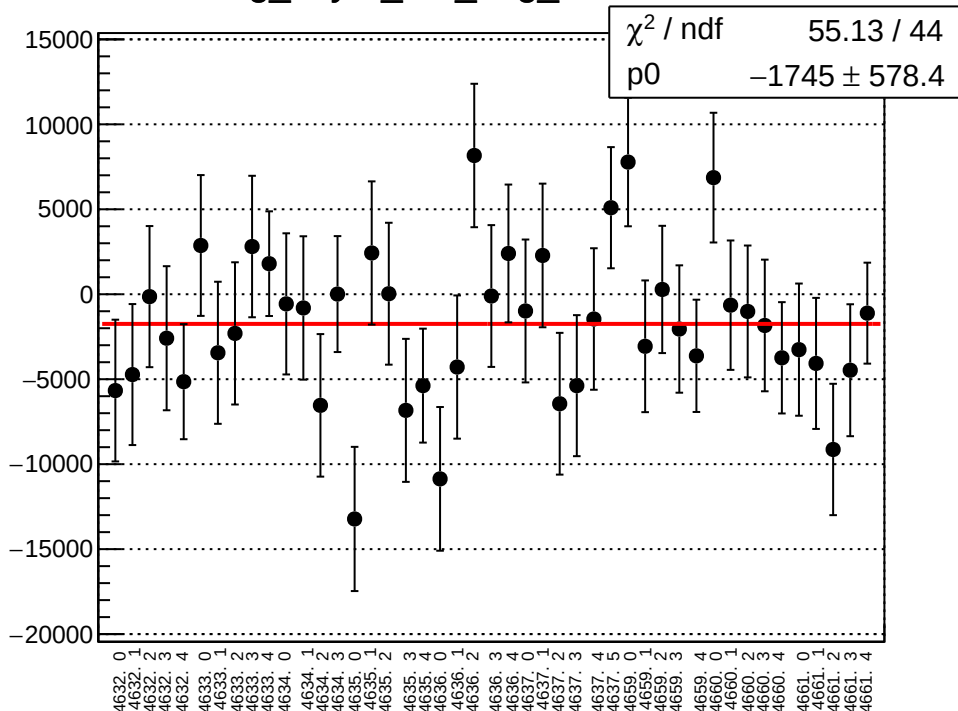
asym_at1_dd_mean vs run



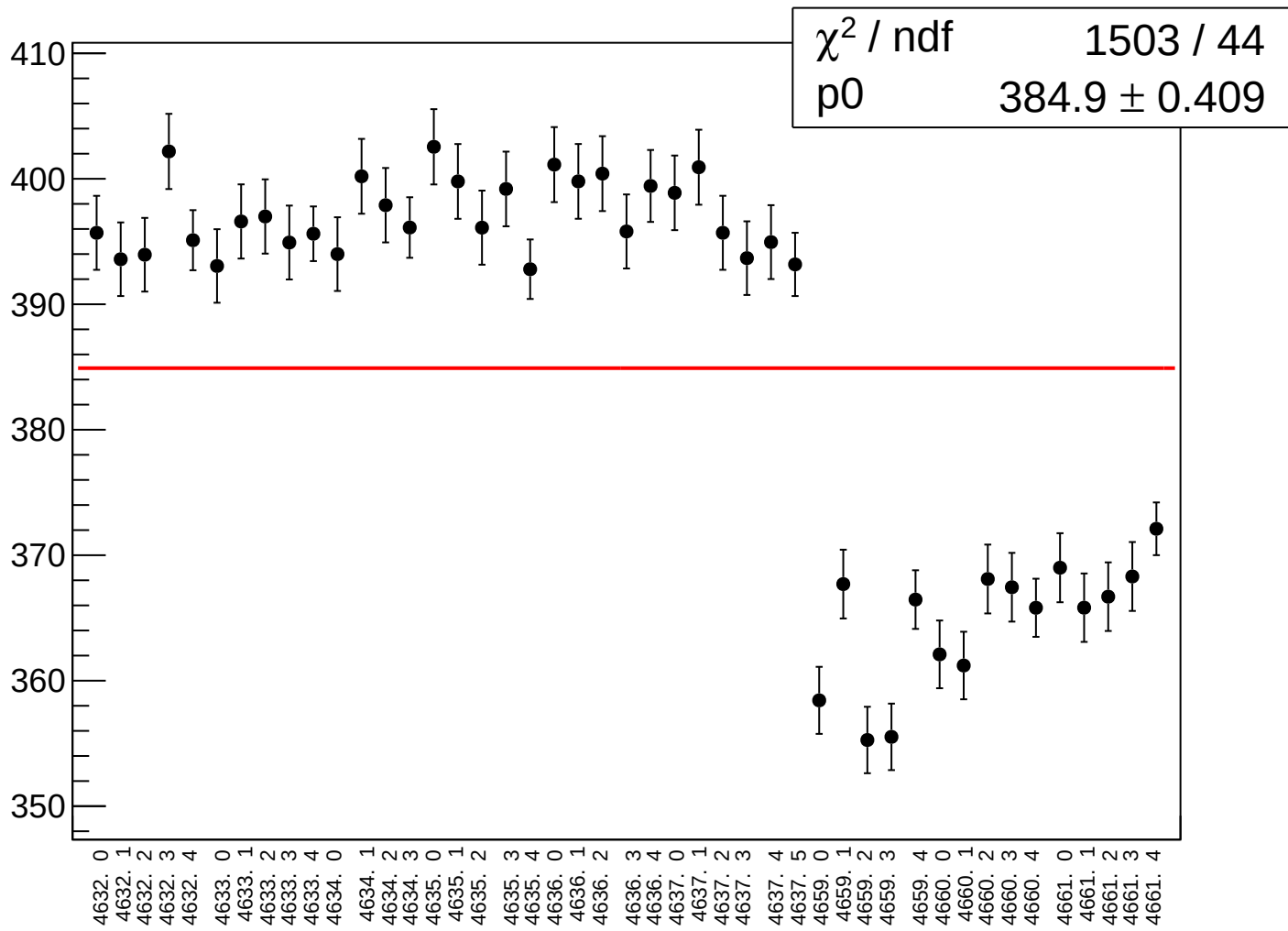
asym_at1_dd_rms vs run



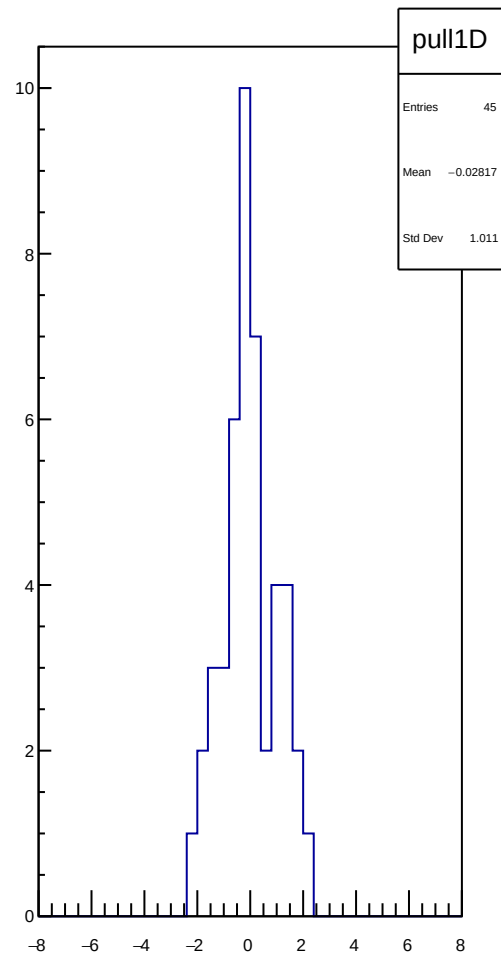
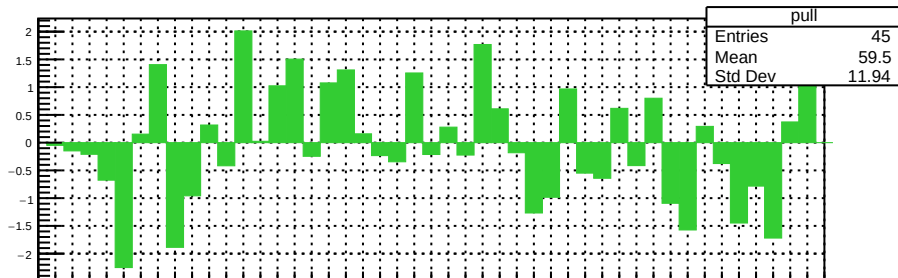
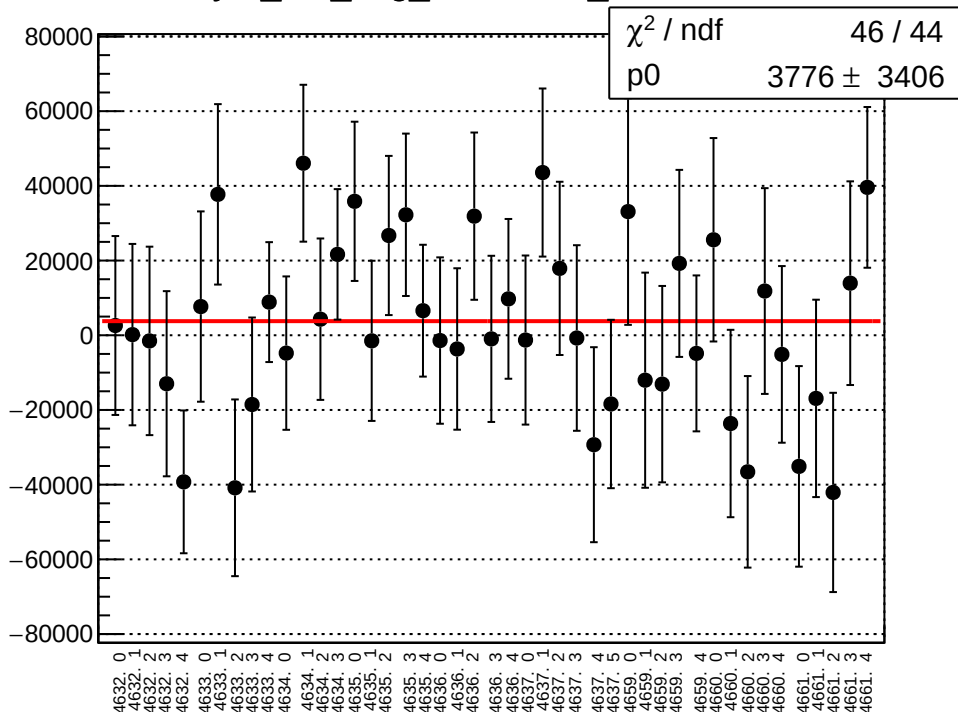
reg_asym_at2_avg_mean vs run



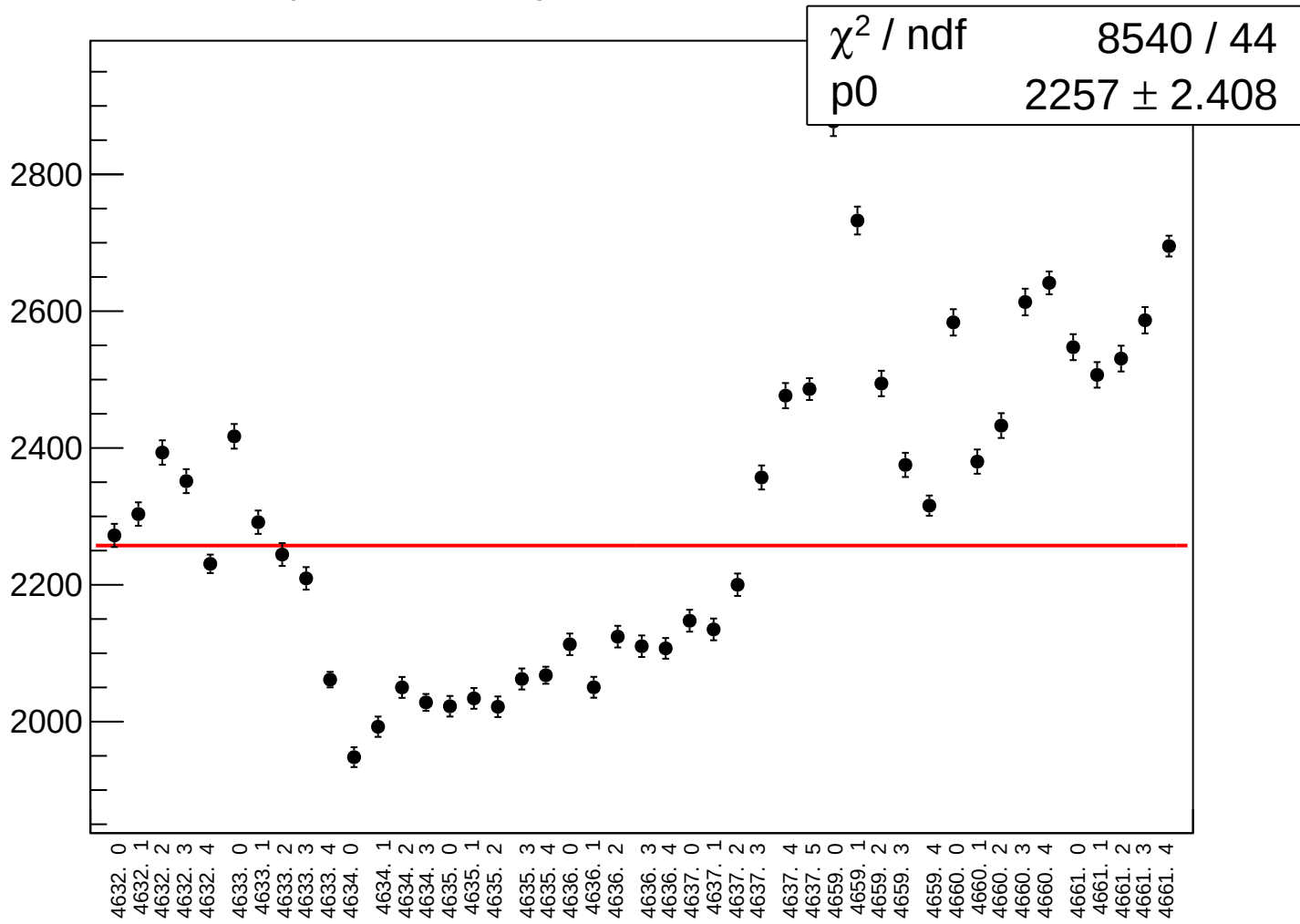
reg_asym_at2_avg_rms vs run



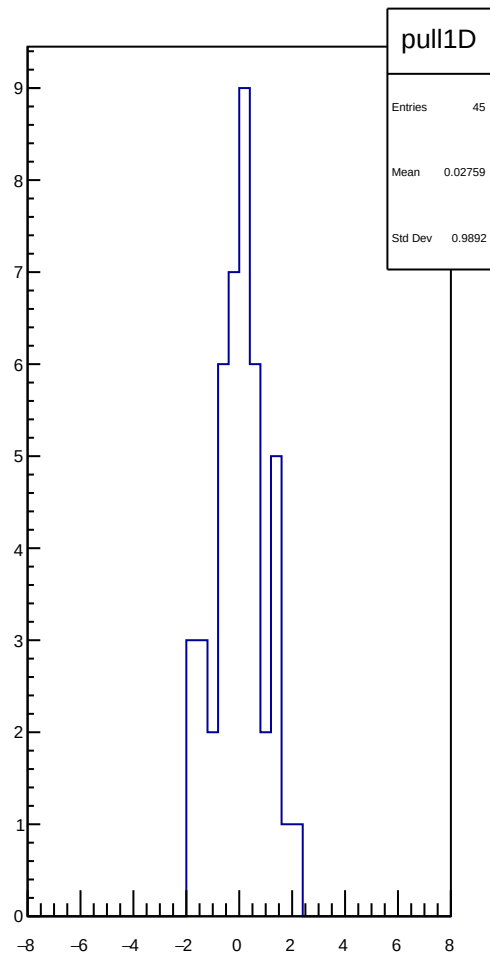
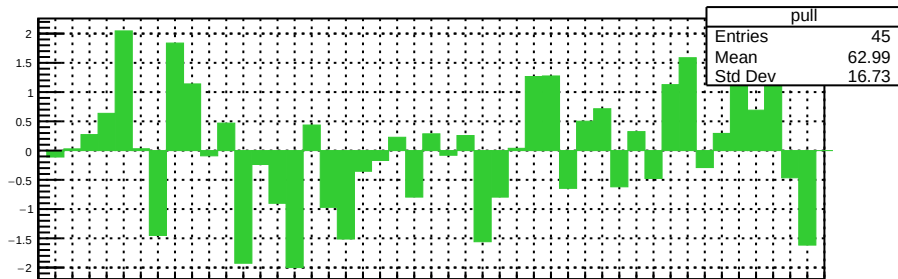
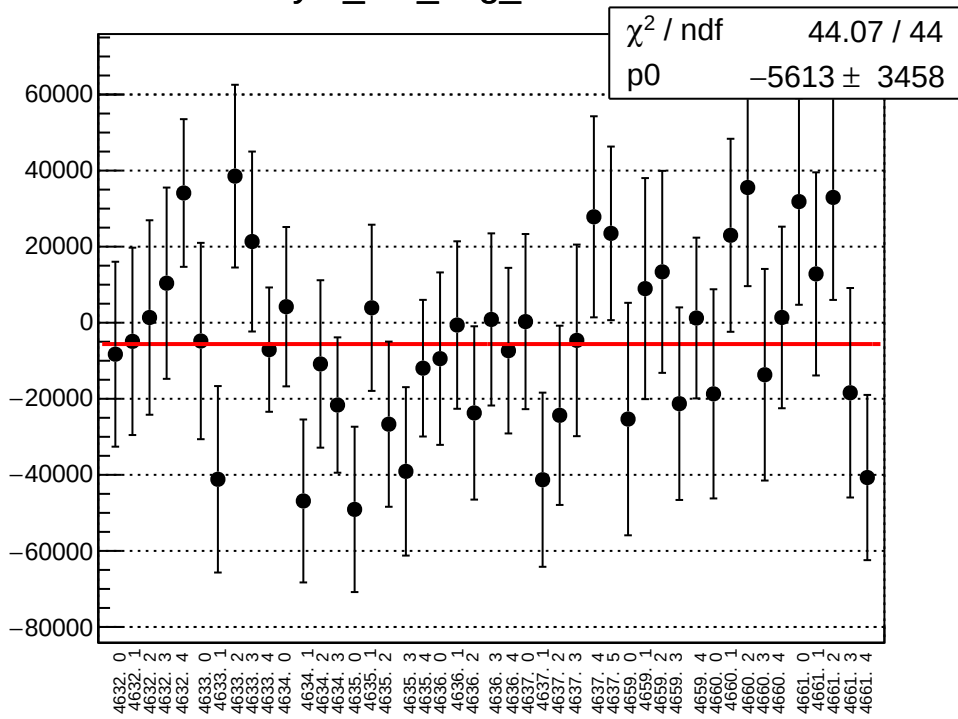
asym_at2_avg_correction_mean vs run



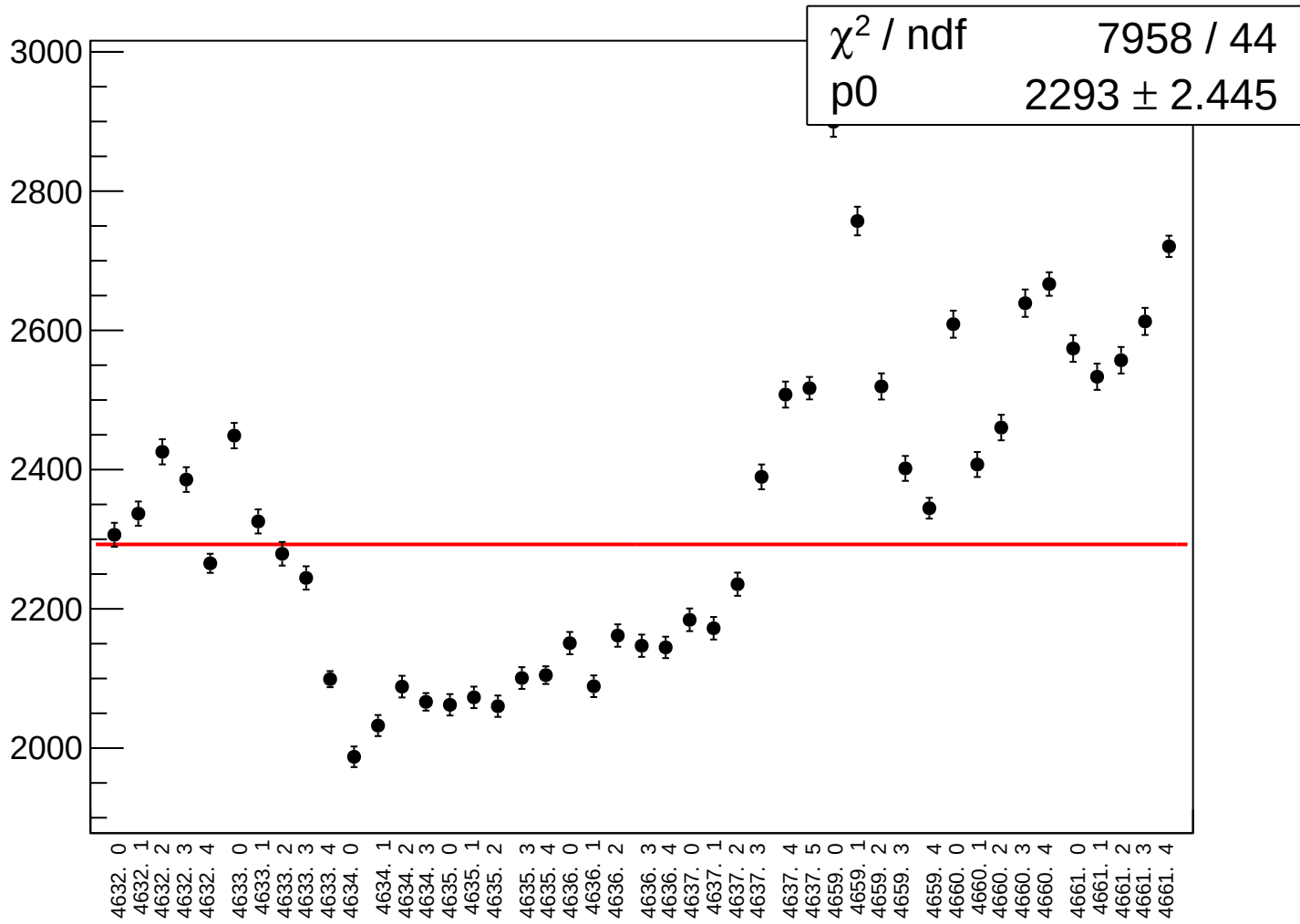
asym_at2_avg_correction_rms vs run



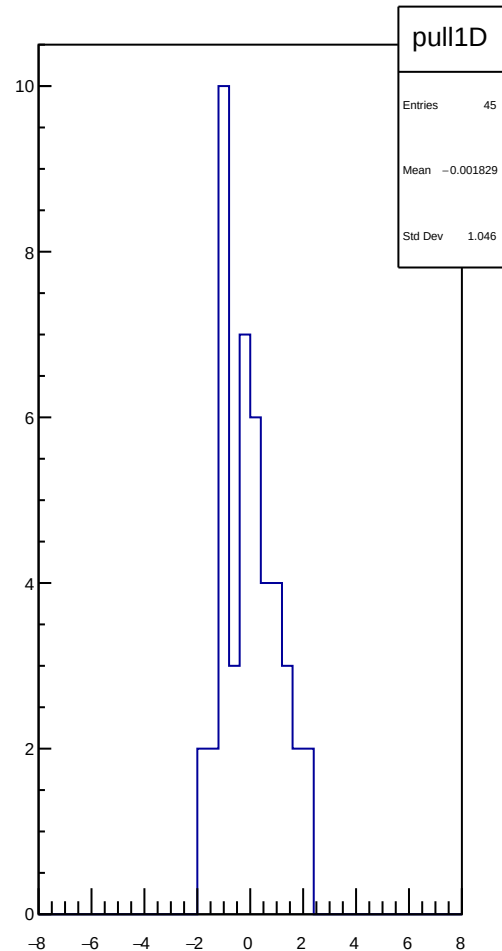
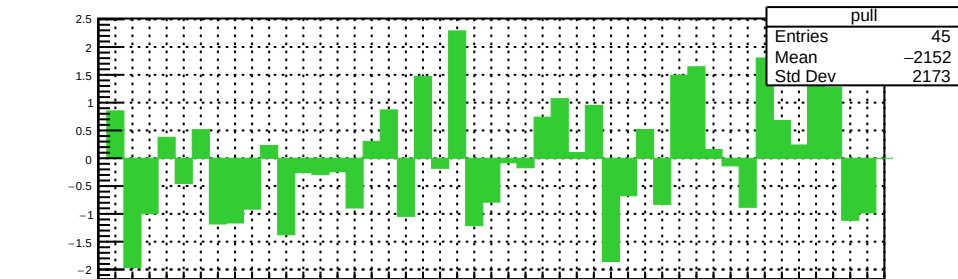
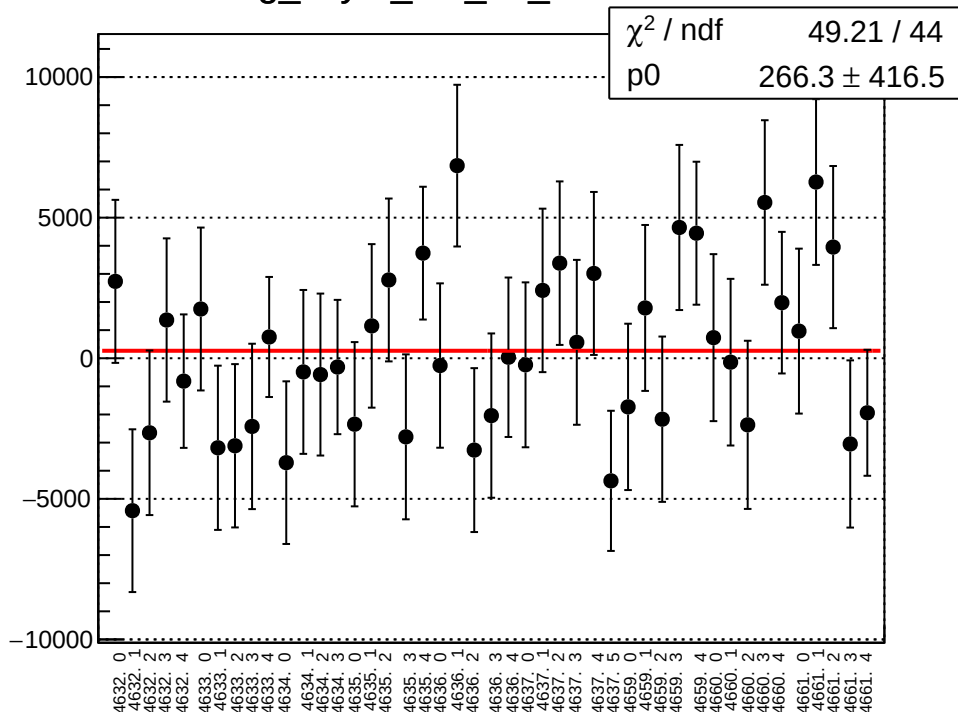
asym_at2_avg_mean vs run



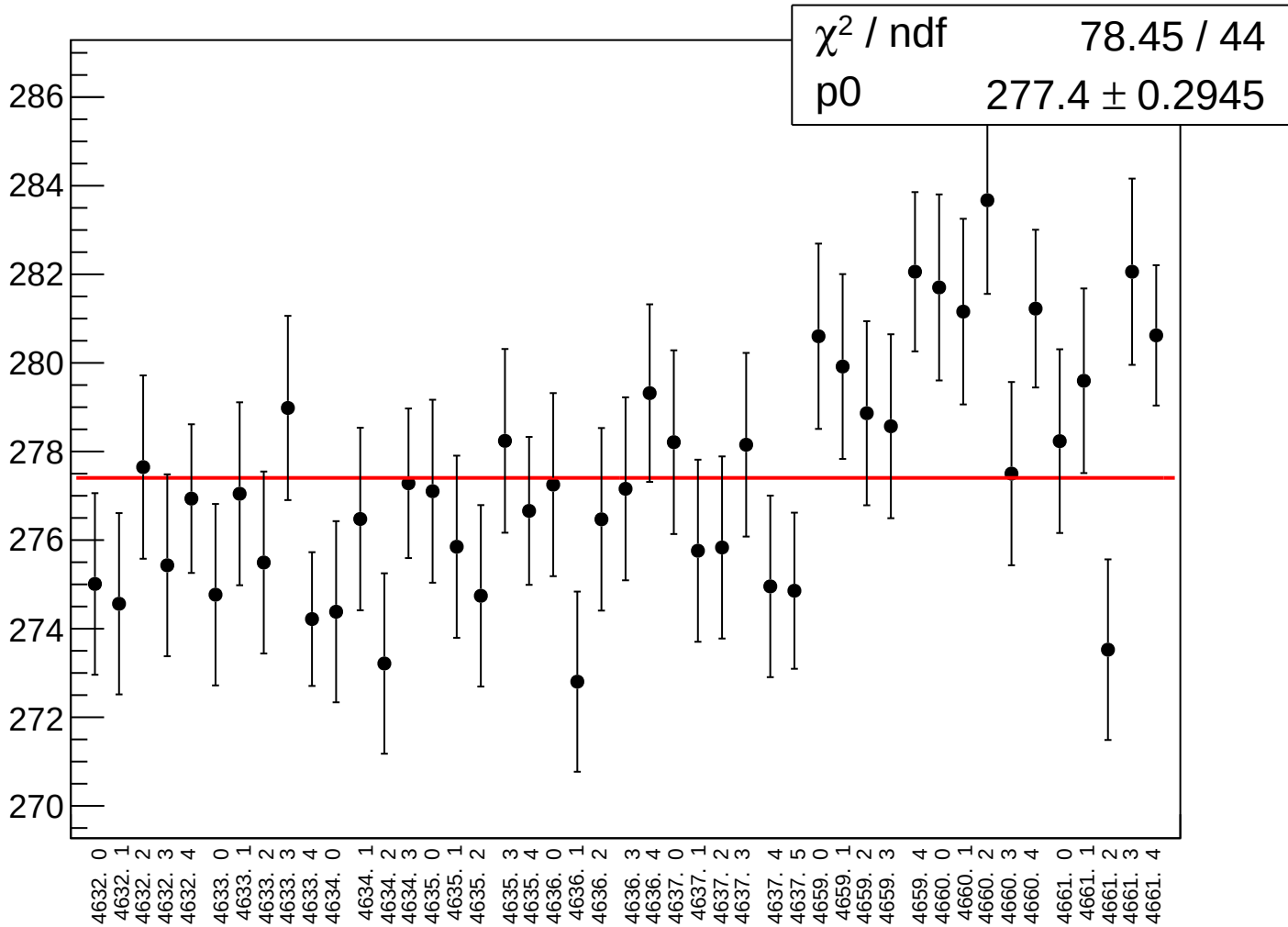
asym_at2_avg_rms vs run



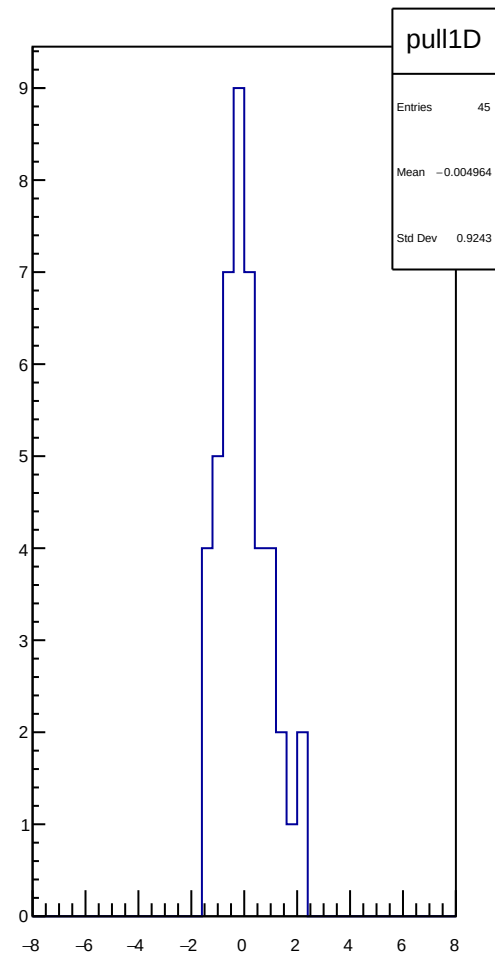
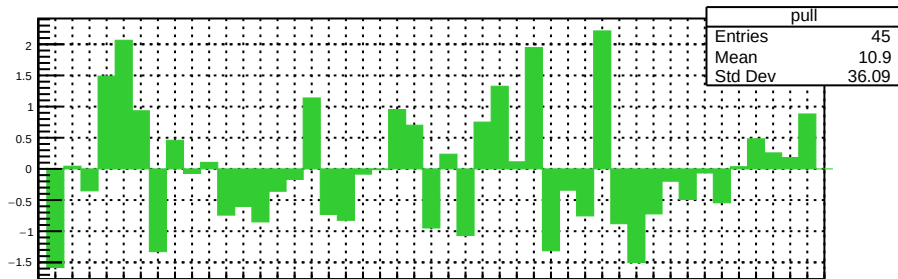
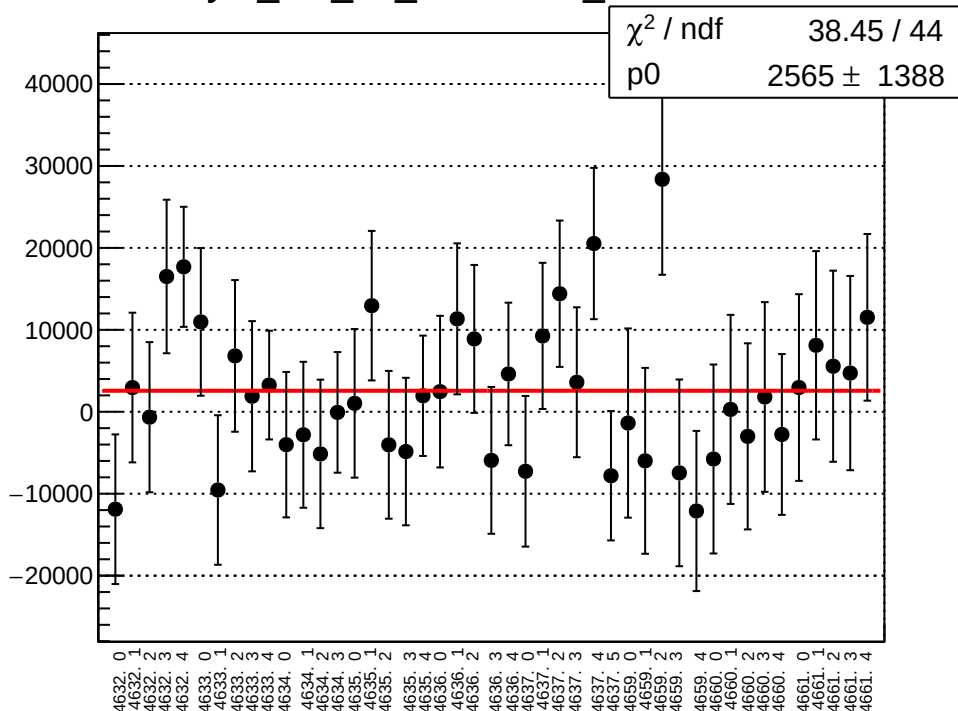
reg_asym_at2_dd_mean vs run



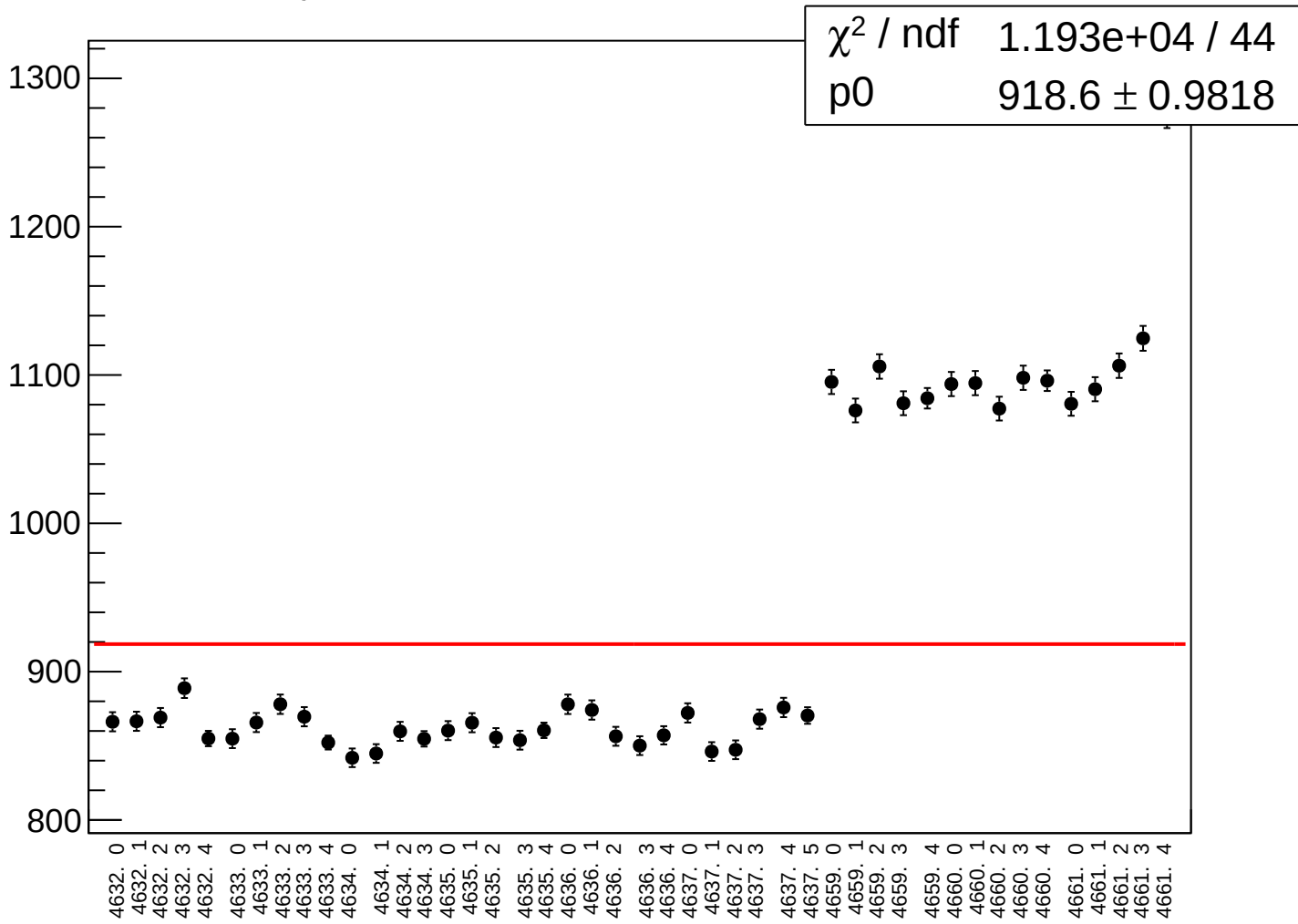
reg_asym_at2_dd_rms vs run



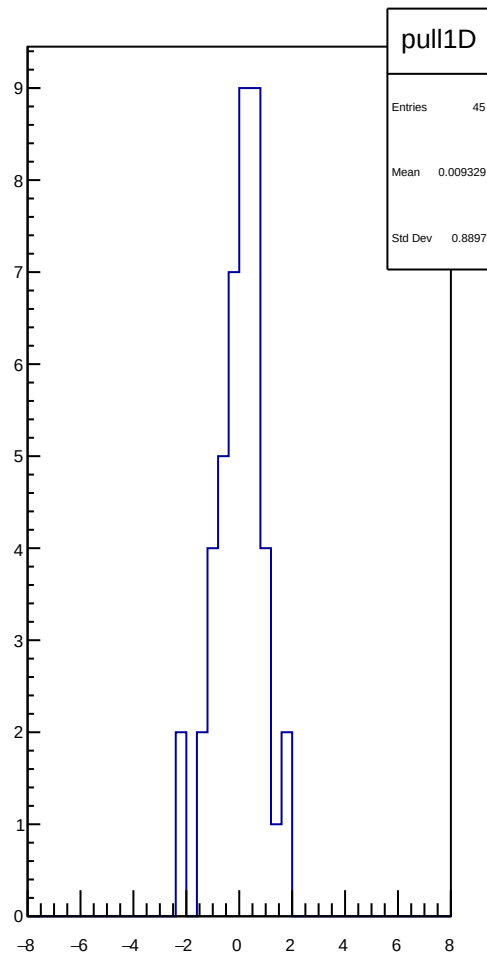
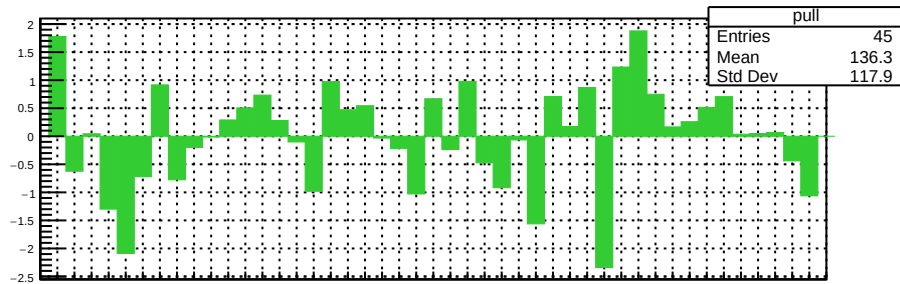
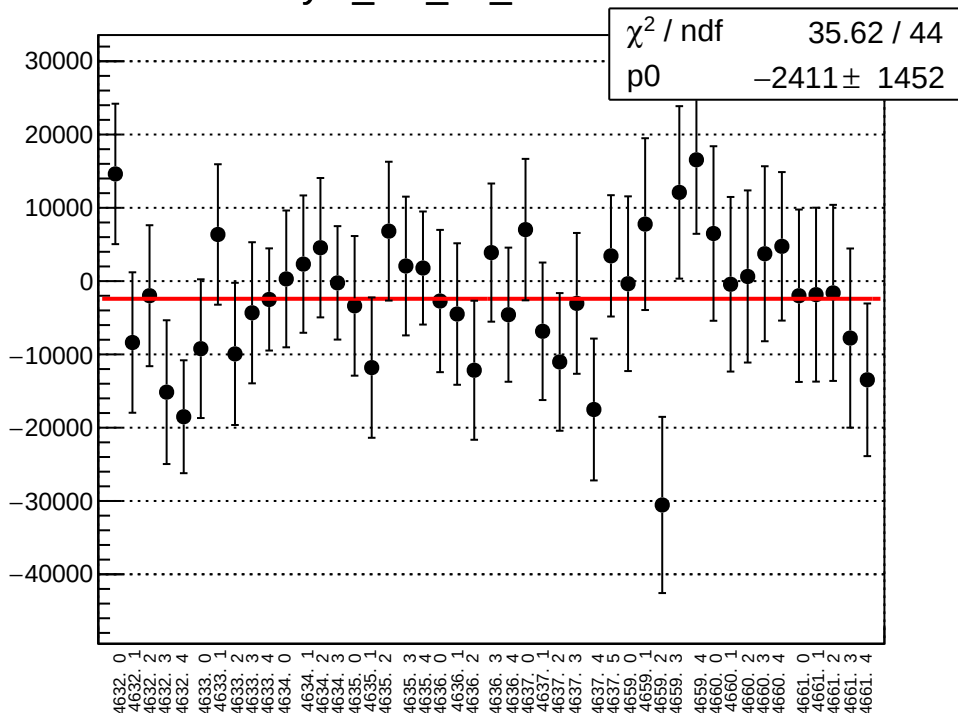
asym_at2_dd_correction_mean vs run



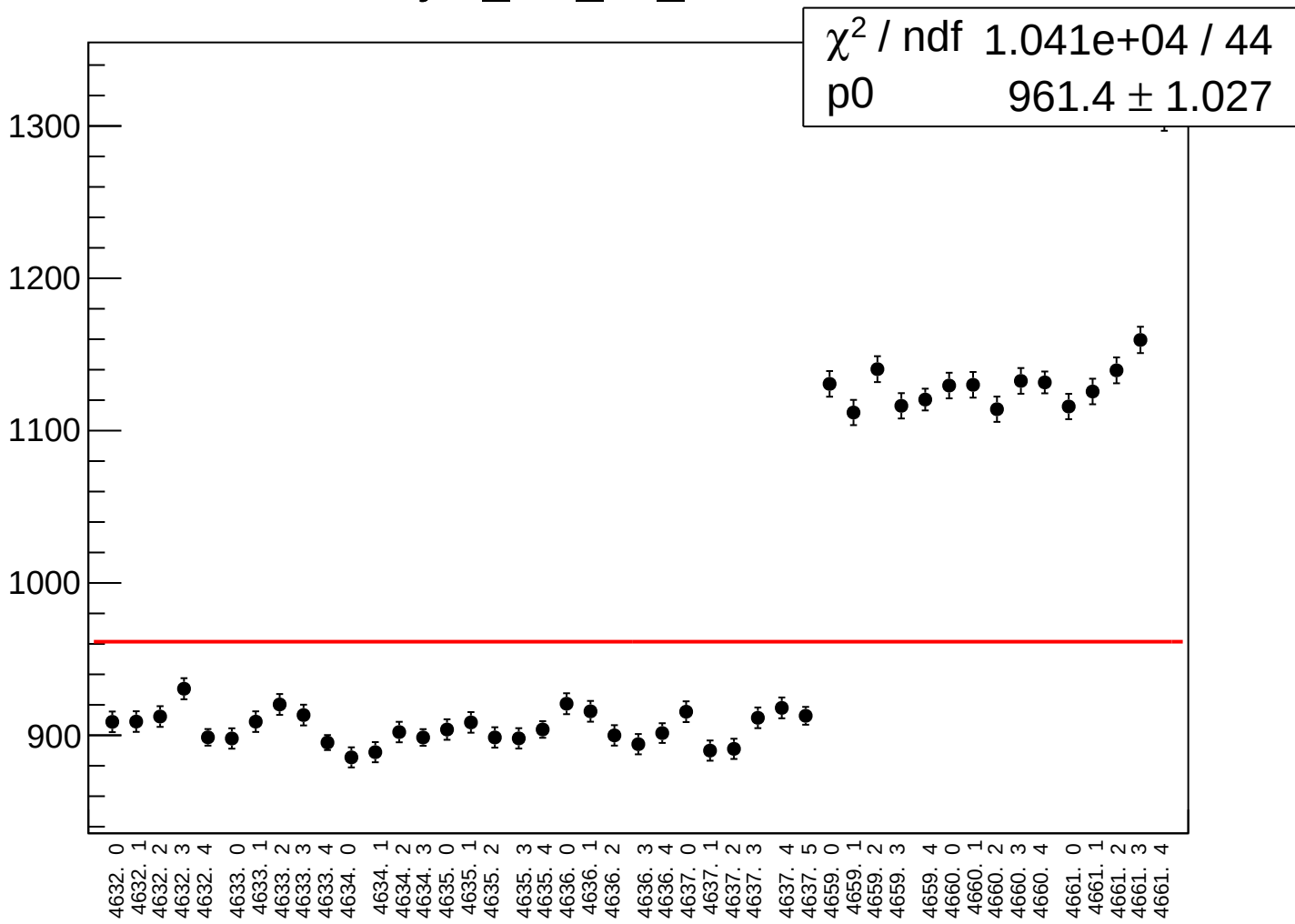
asym_at2_dd_correction_rms vs run



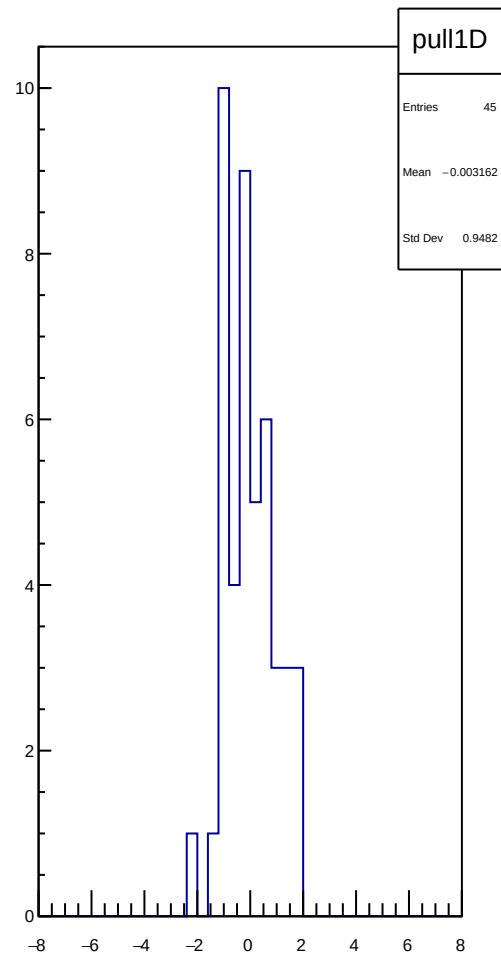
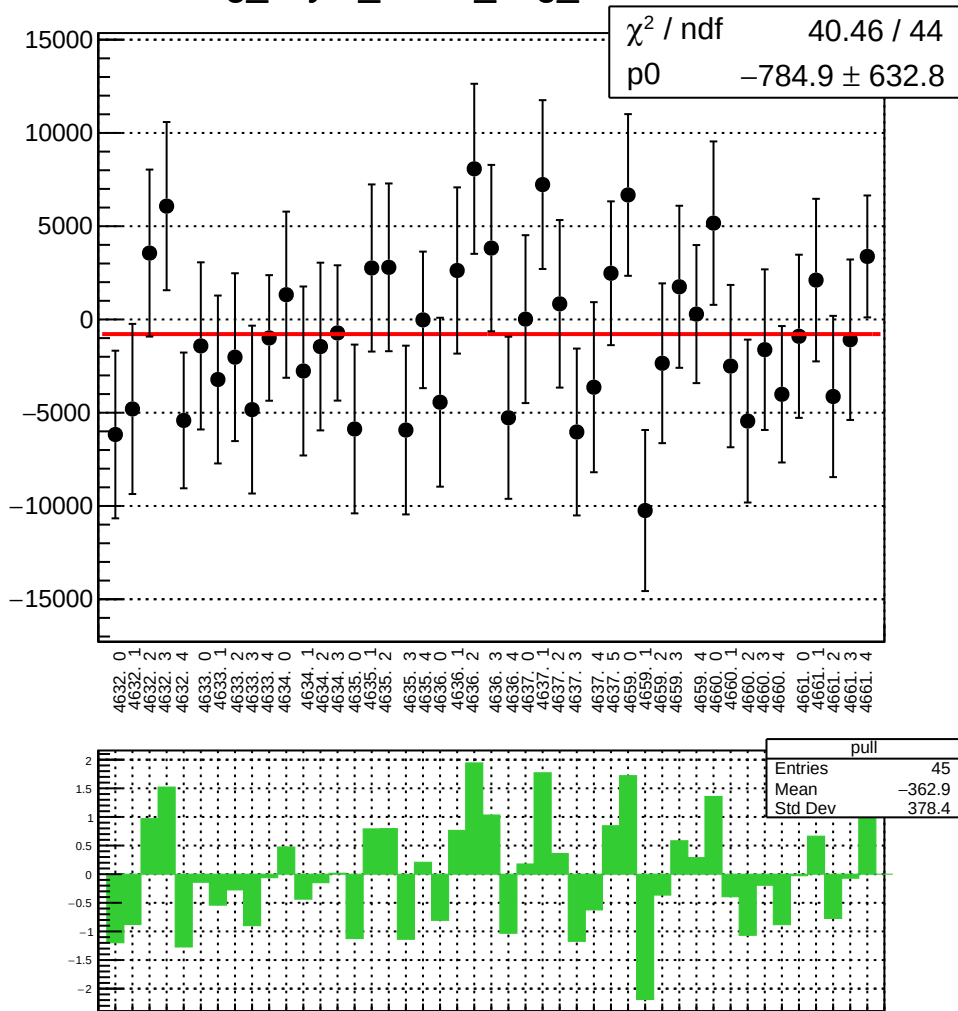
asym_at2_dd_mean vs run



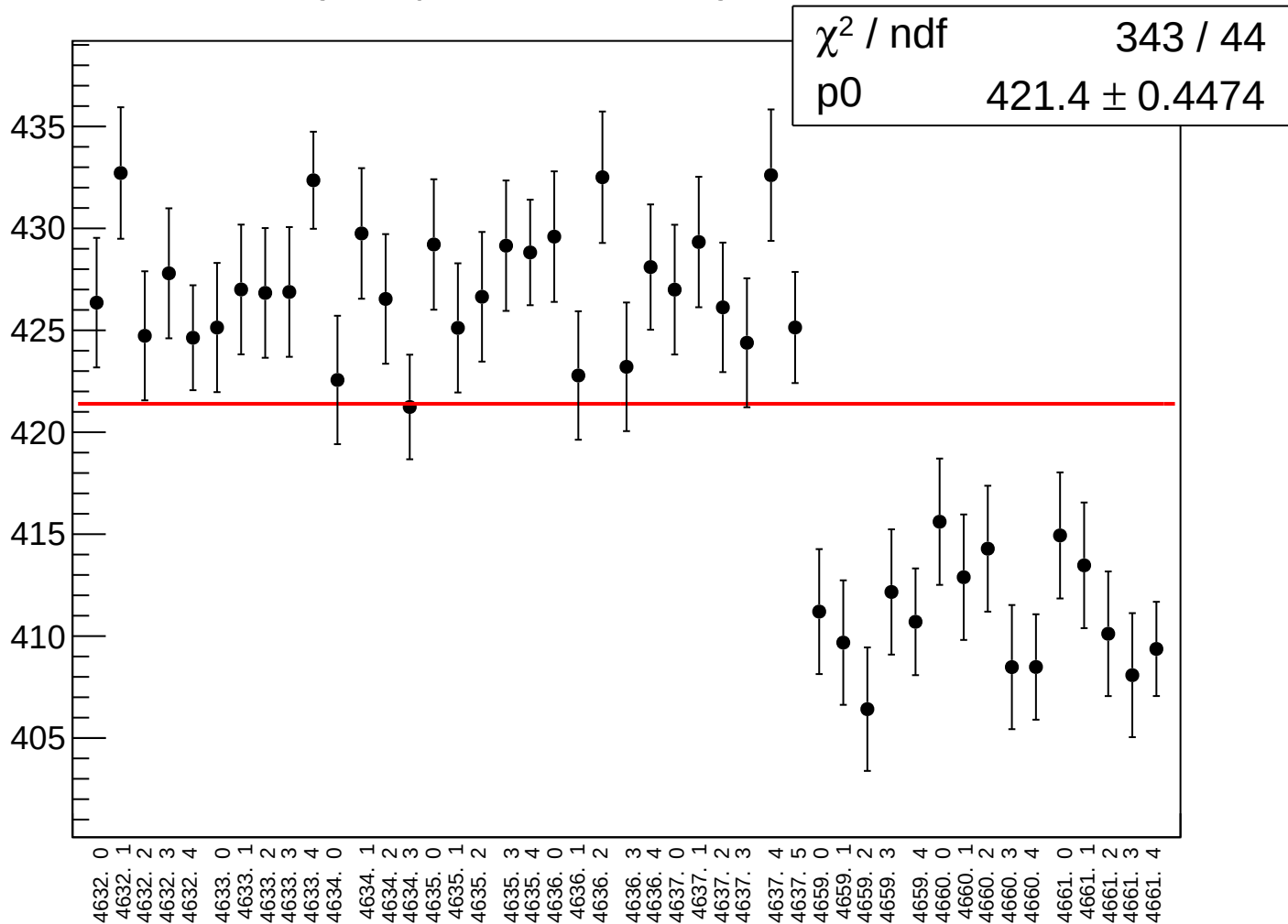
asym_at2_dd_rms vs run



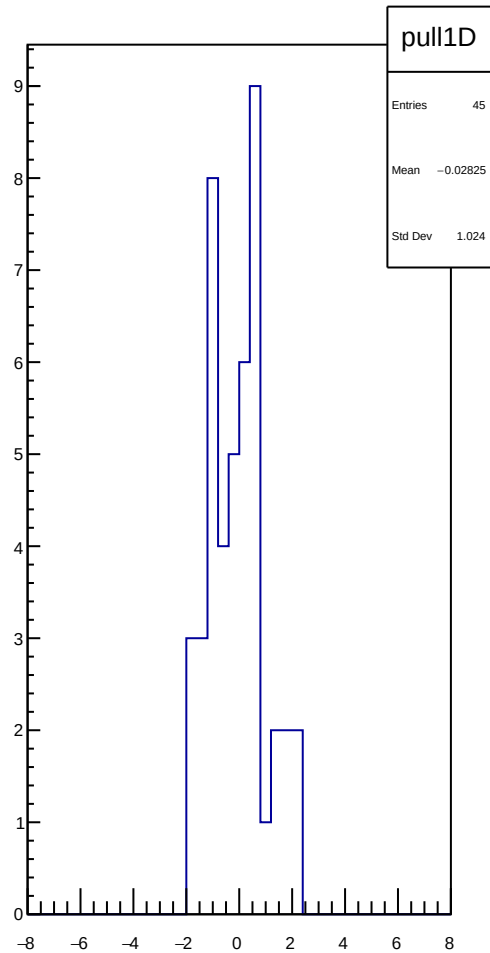
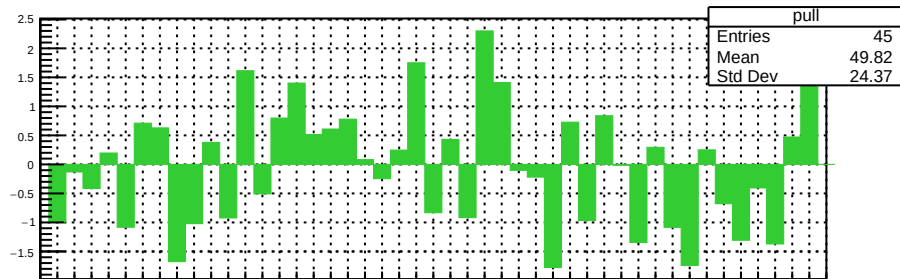
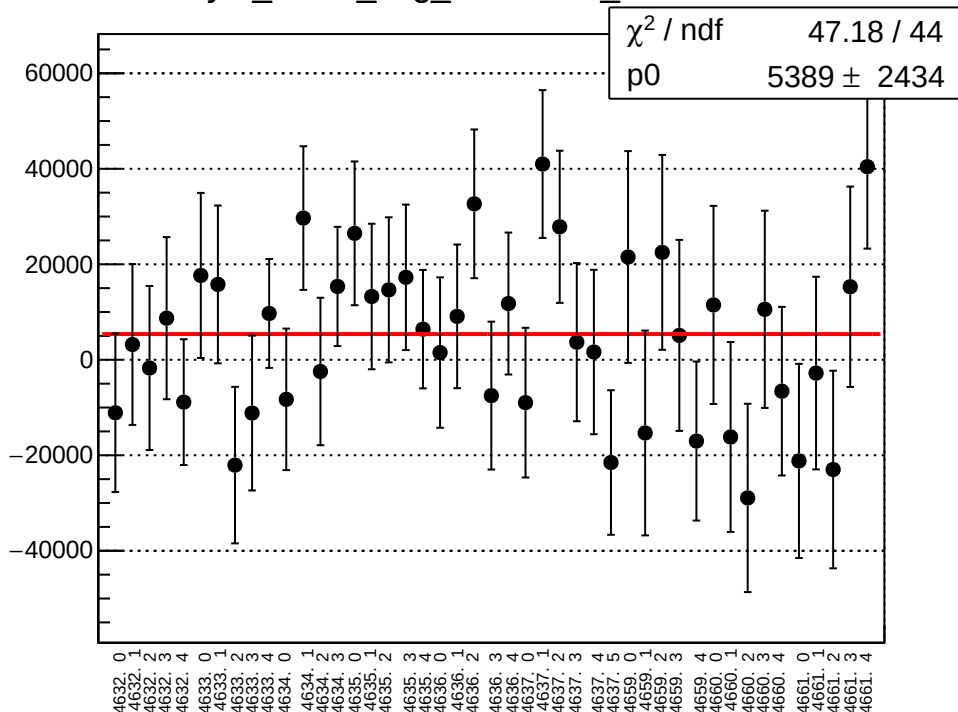
reg_asym_atl1r2_avg_mean vs run



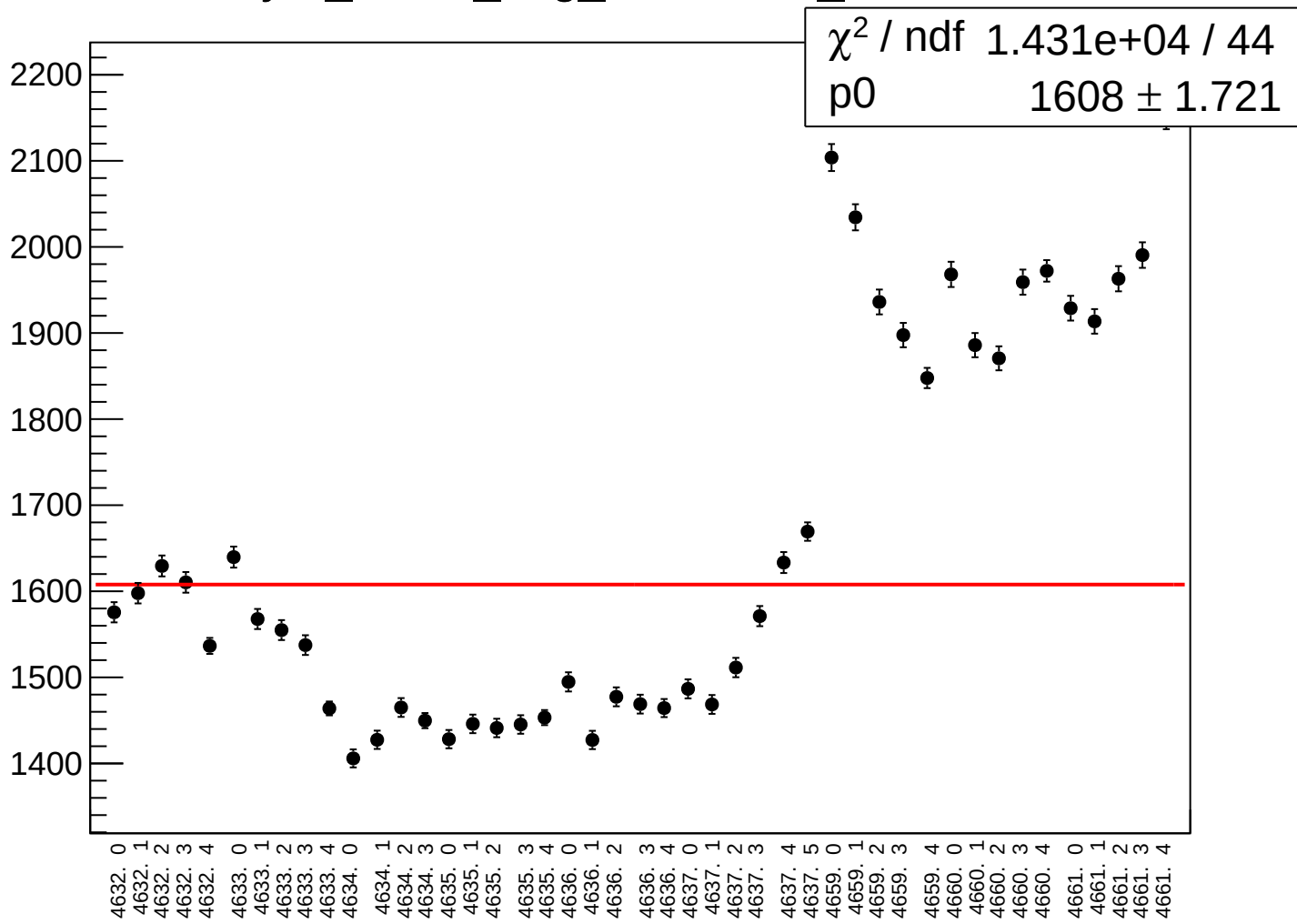
reg_asym_atl1r2_avg_rms vs run



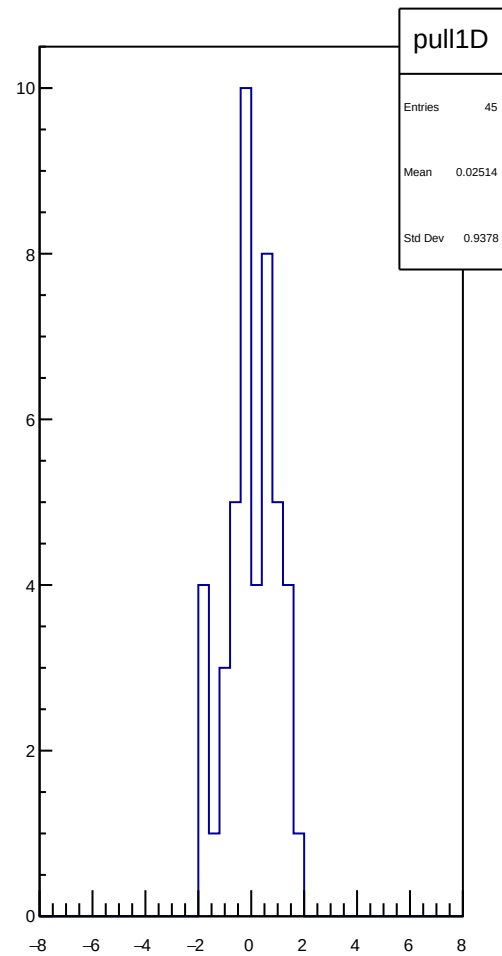
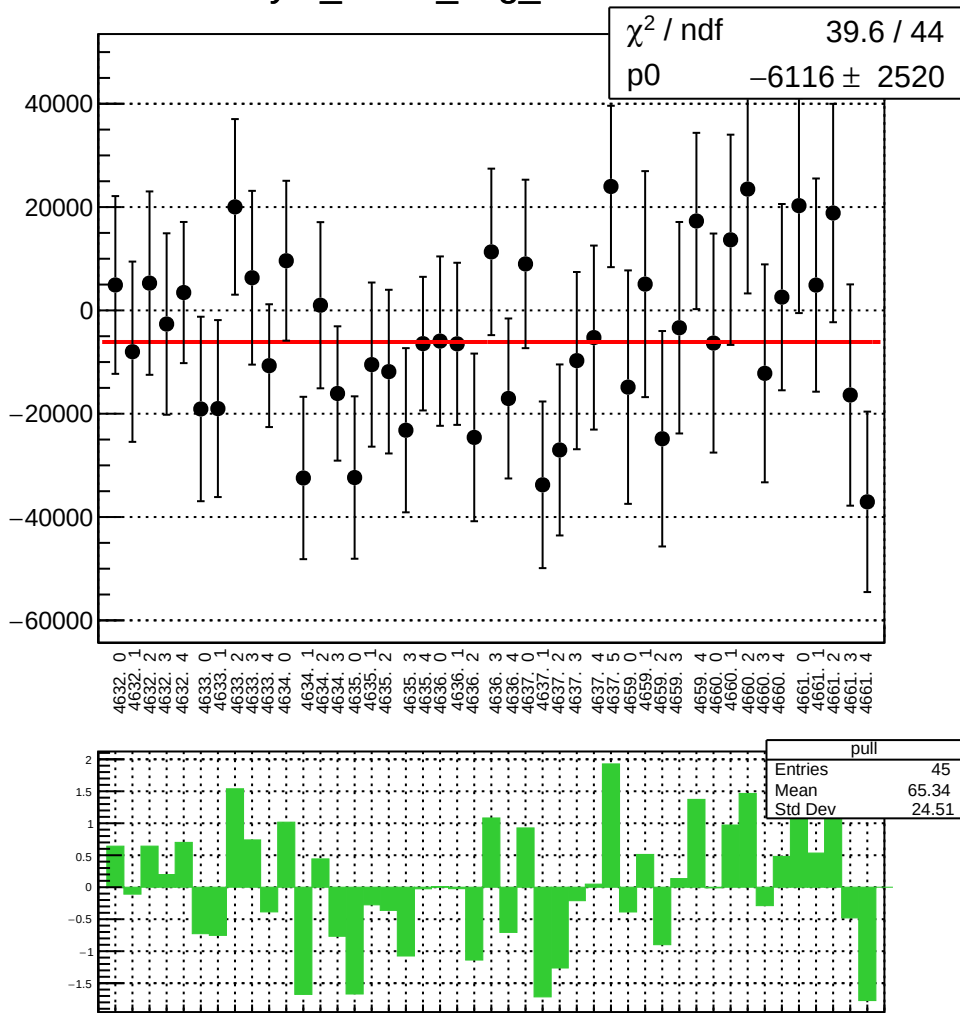
asym_atl1r2_avg_correction_mean vs run



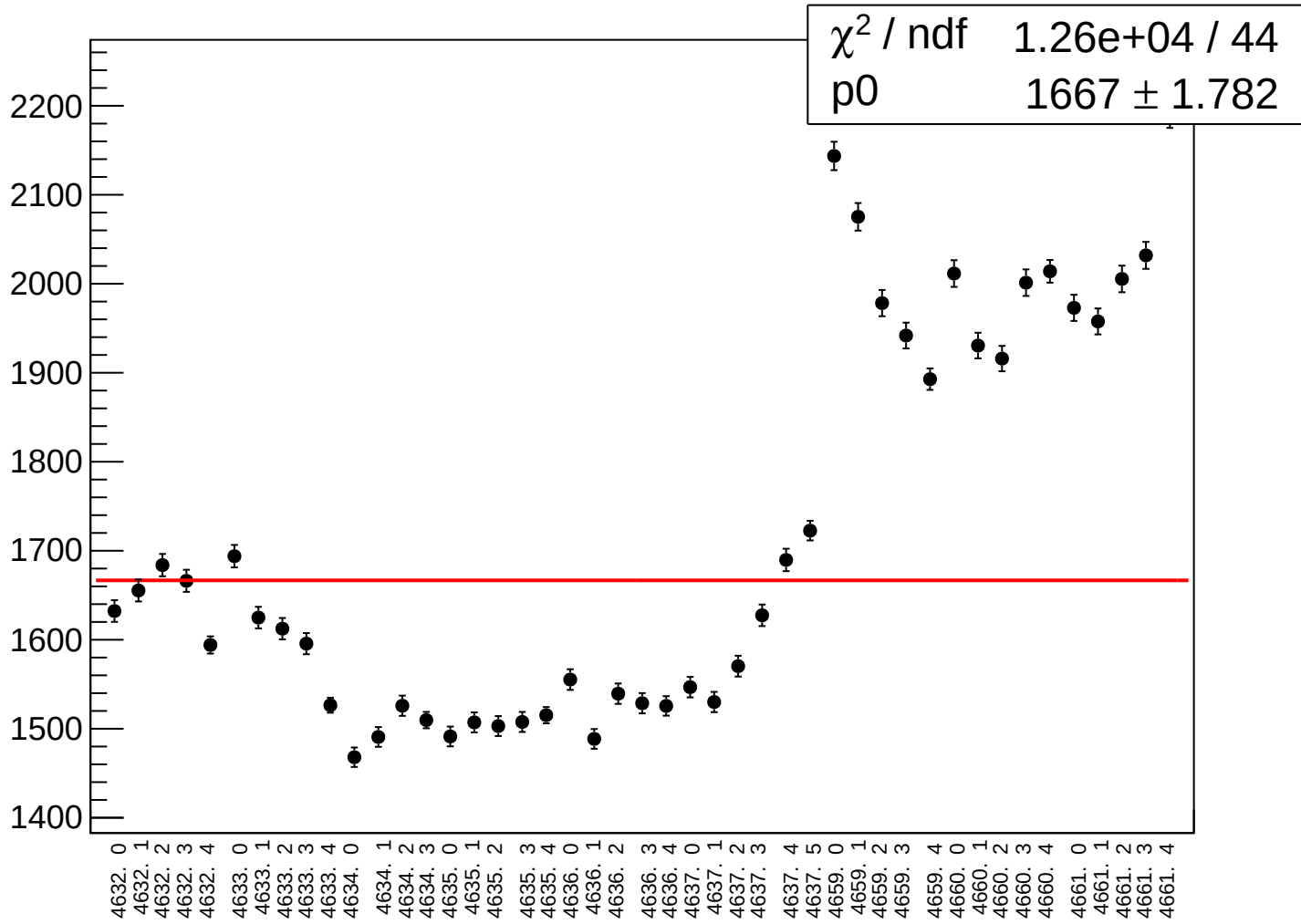
asym_atl1r2_avg_correction_rms vs run



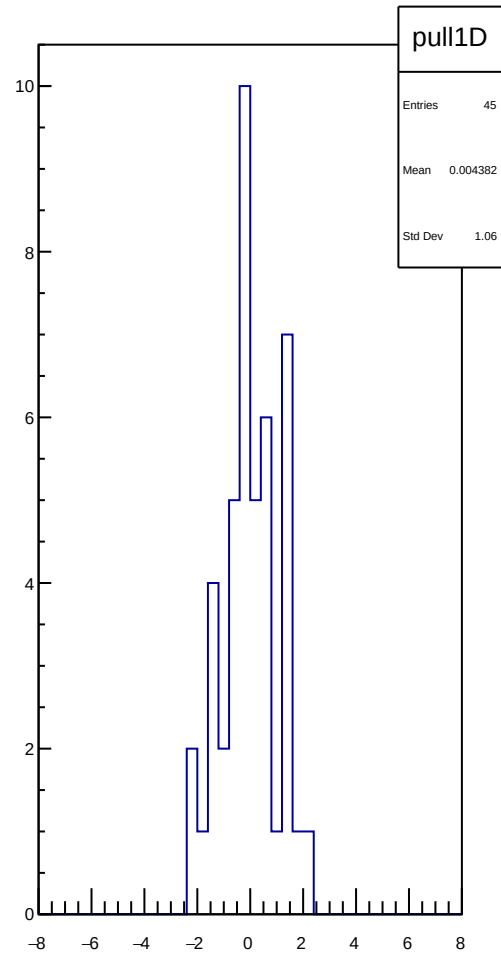
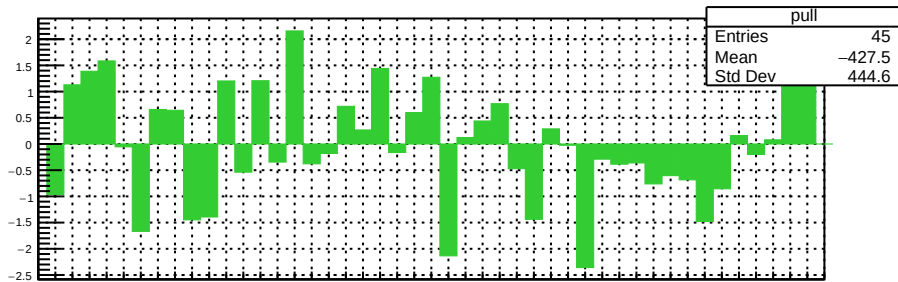
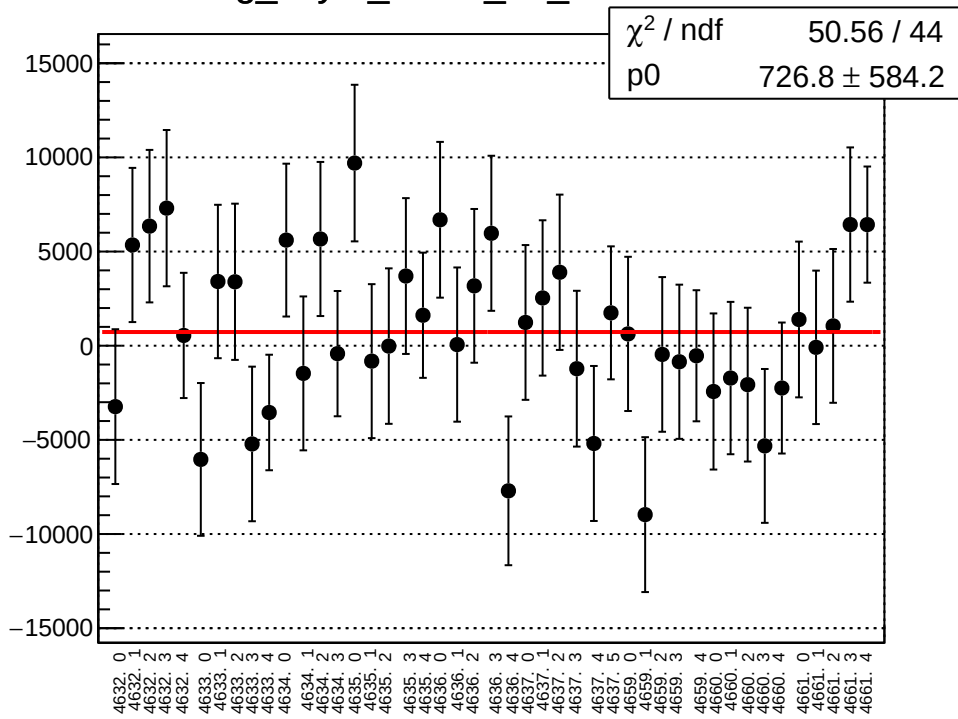
asym_atl1r2_avg_mean vs run



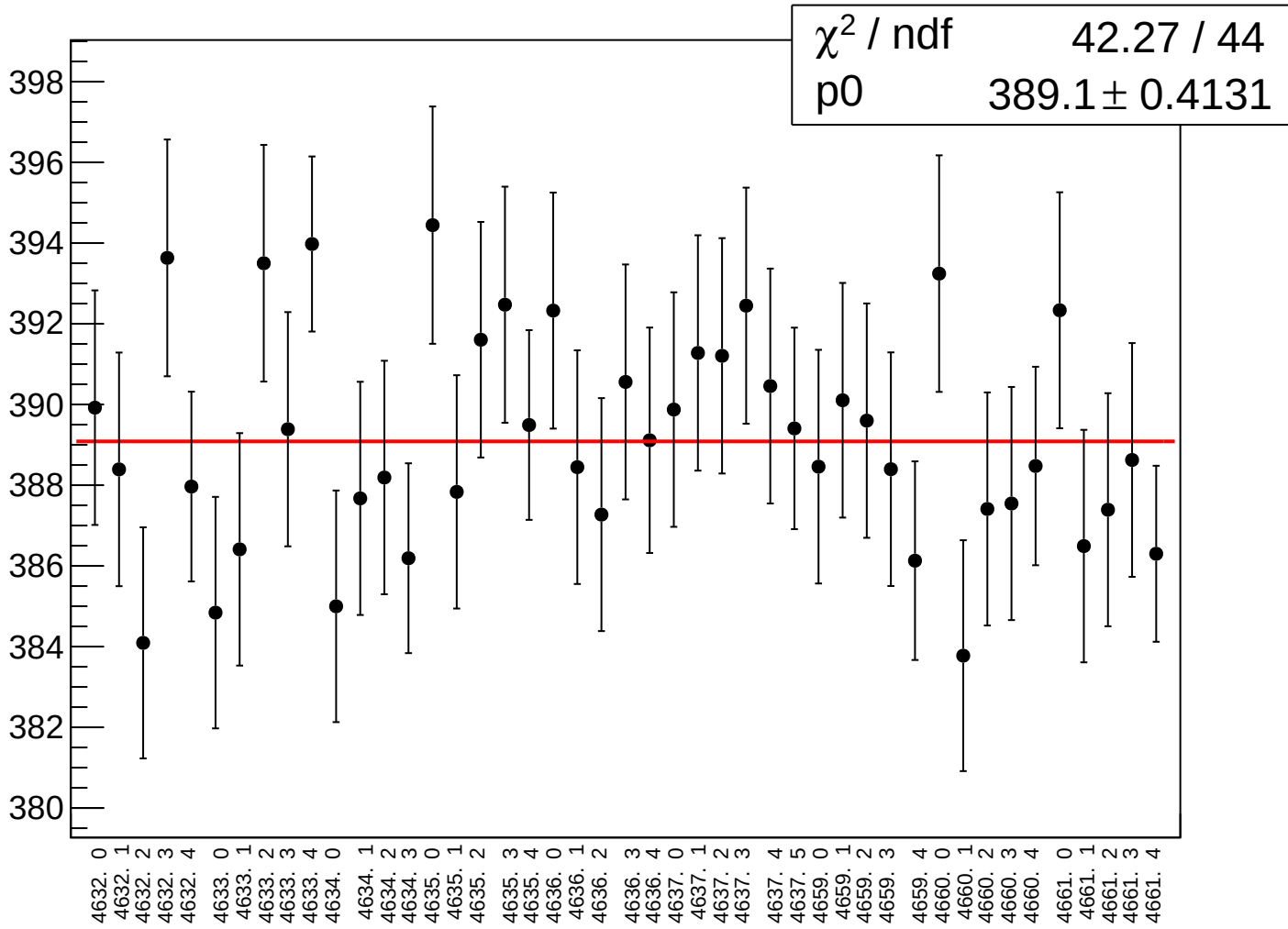
asym_atl1r2_avg_rms vs run



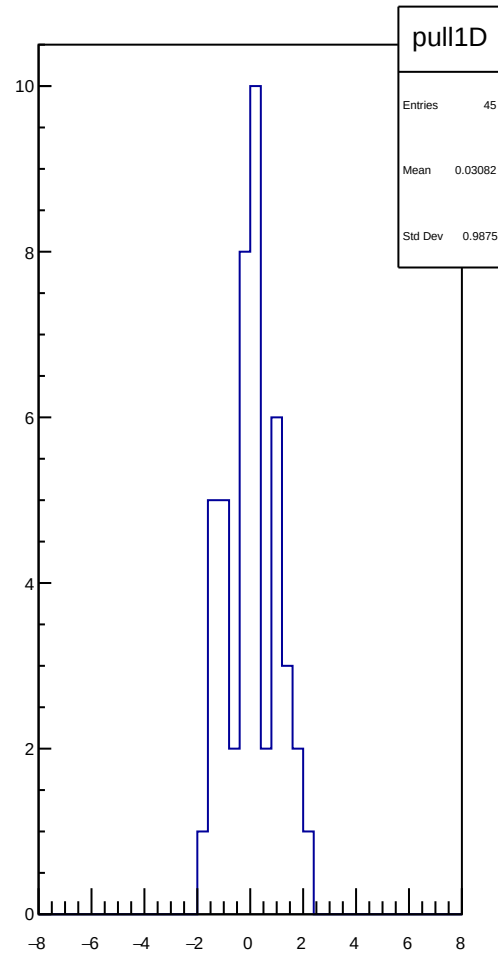
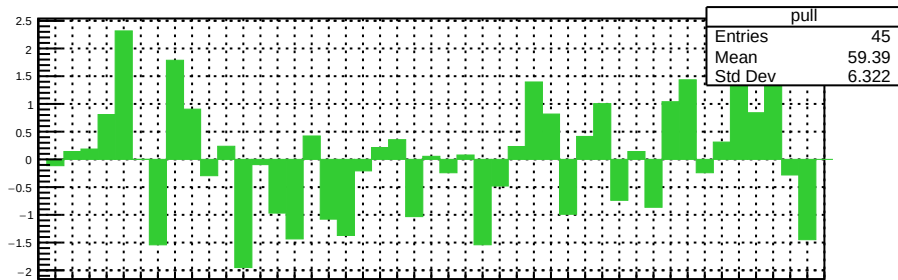
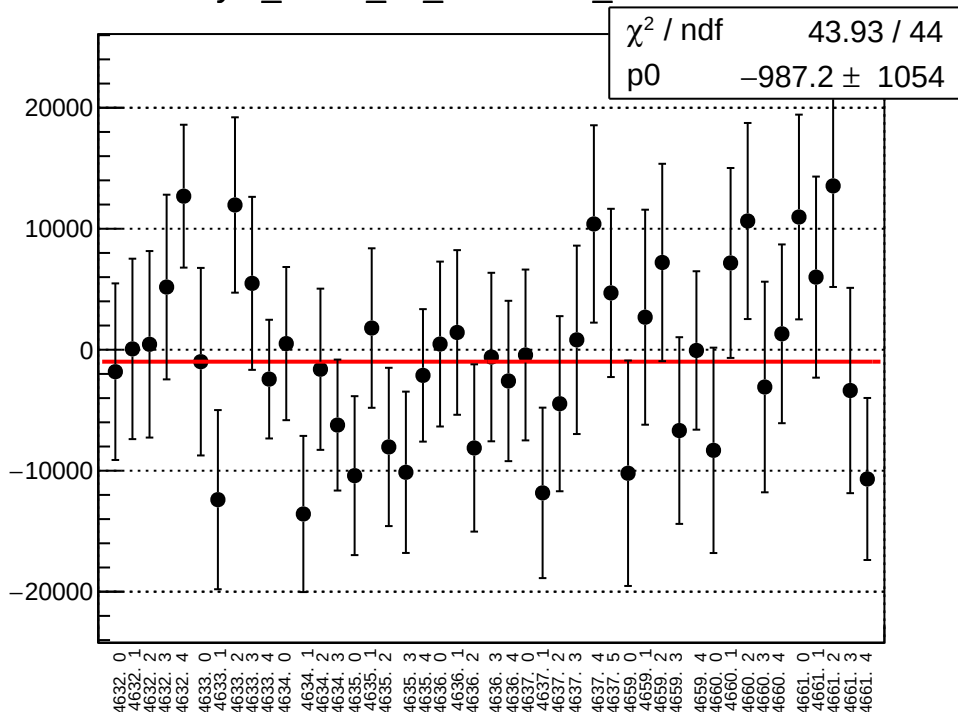
reg_asym_atl1r2_dd_mean vs run



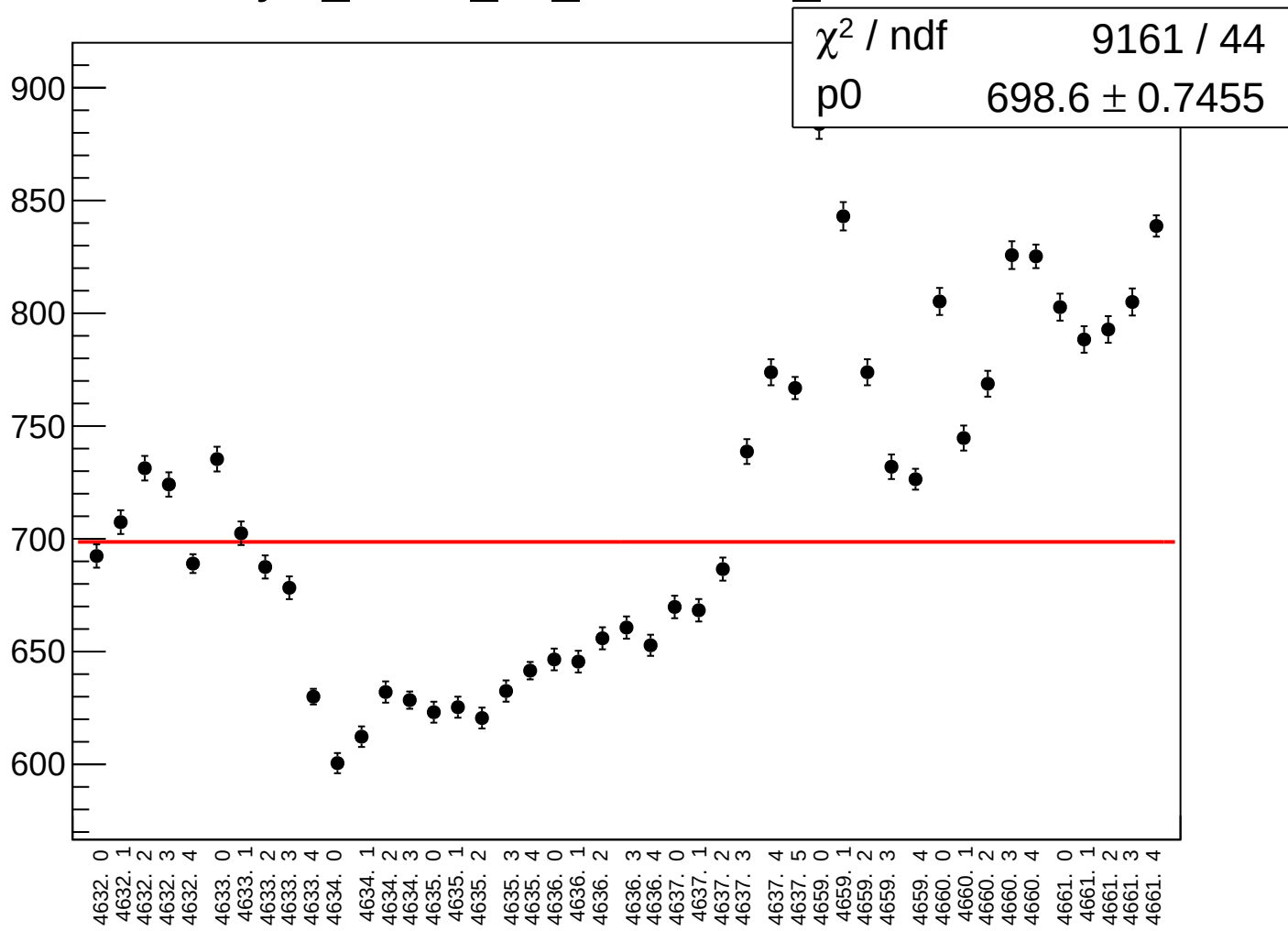
reg_asym_atl1r2_dd_rms vs run



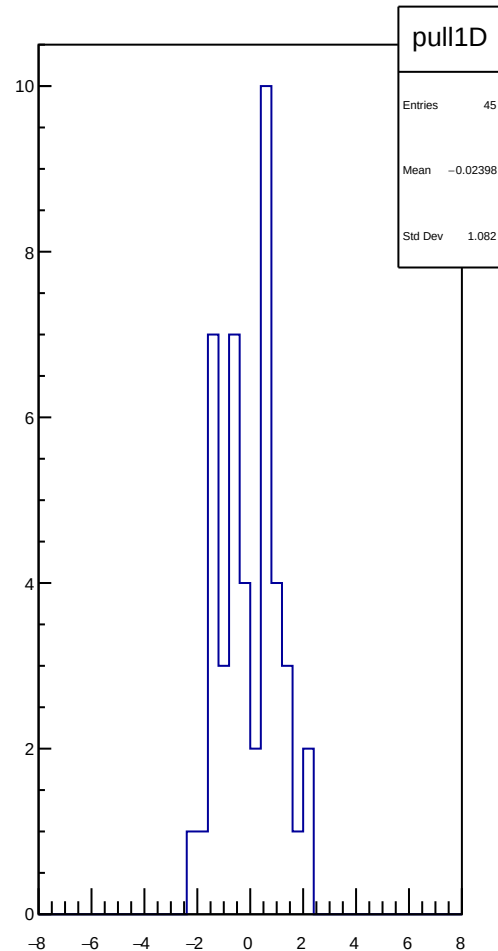
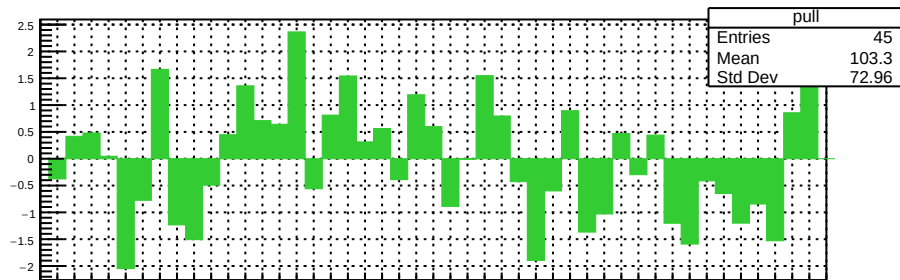
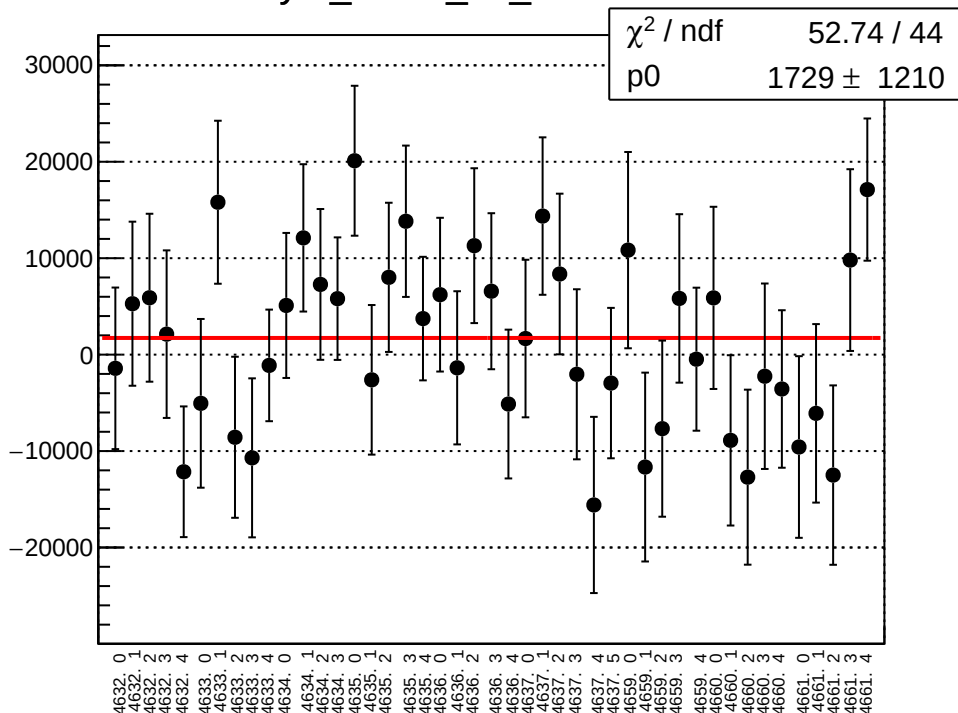
asym_atl1r2_dd_correction_mean vs run



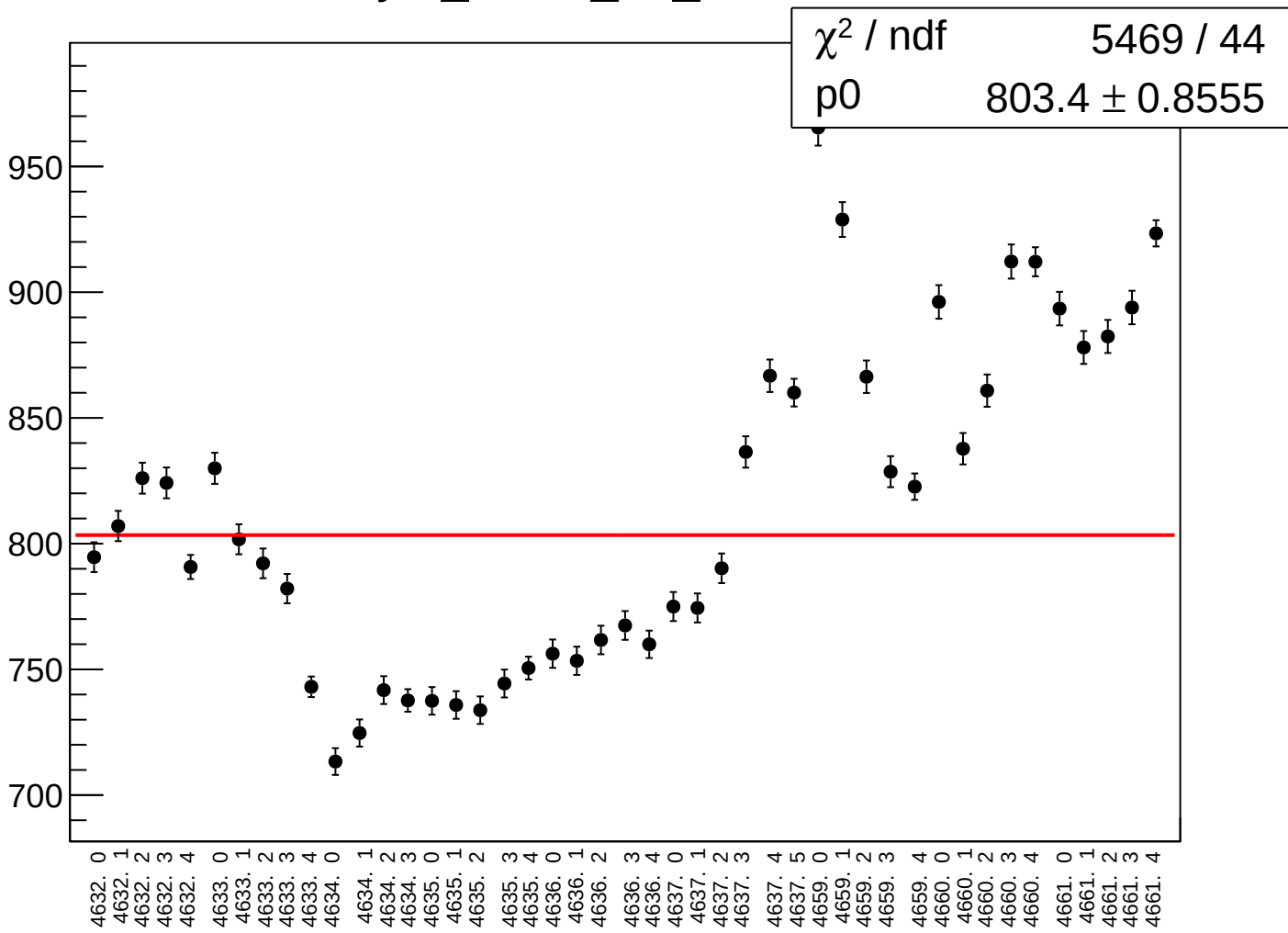
asym_atl1r2_dd_correction_rms vs run



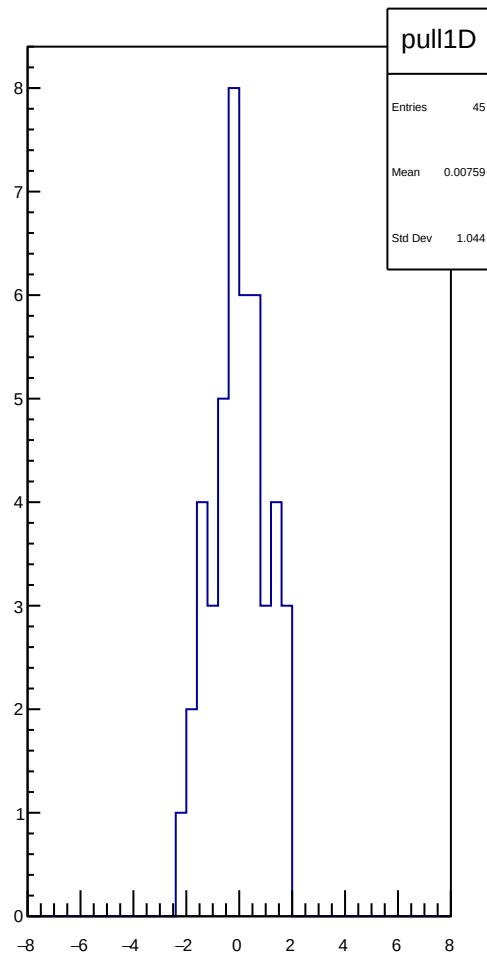
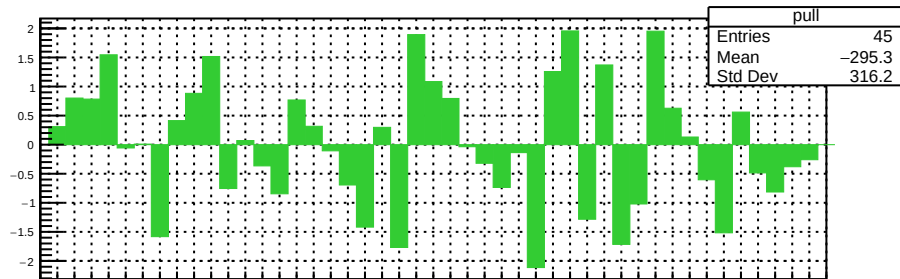
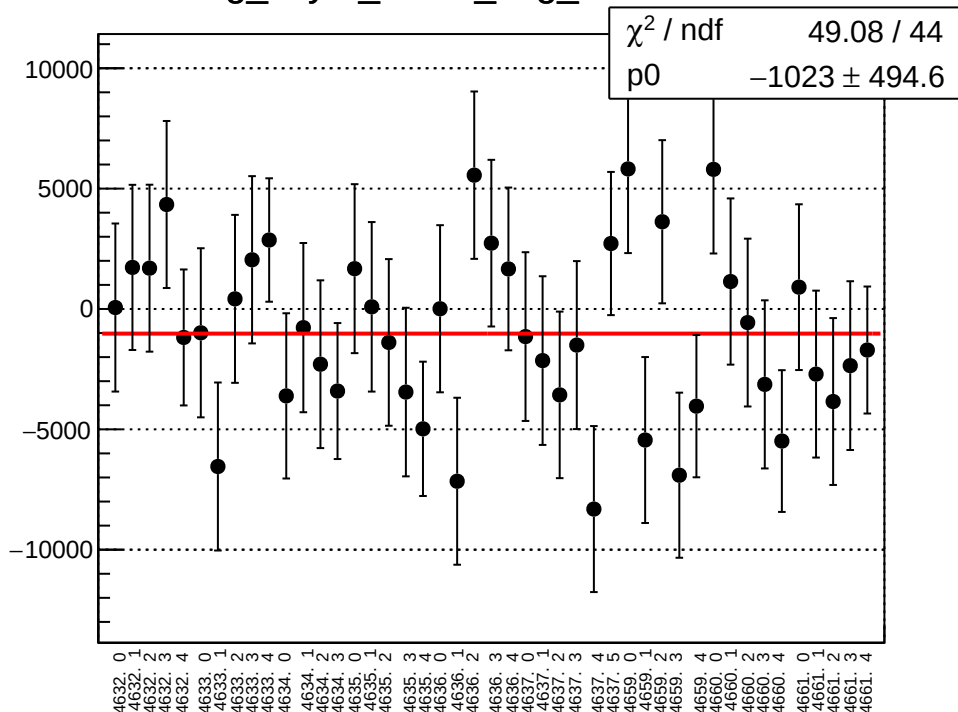
asym_atl1r2_dd_mean vs run



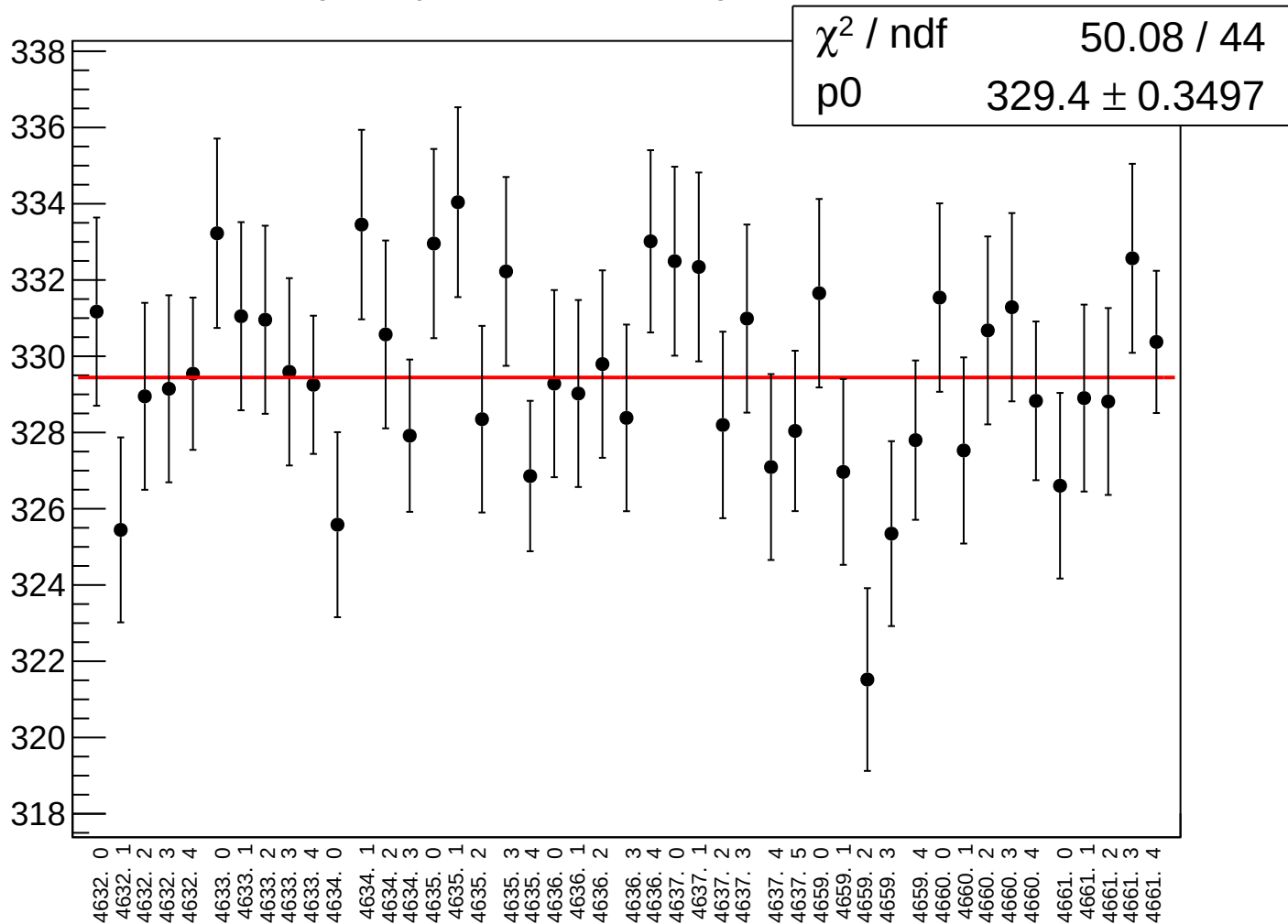
asym_atl1r2_dd_rms vs run



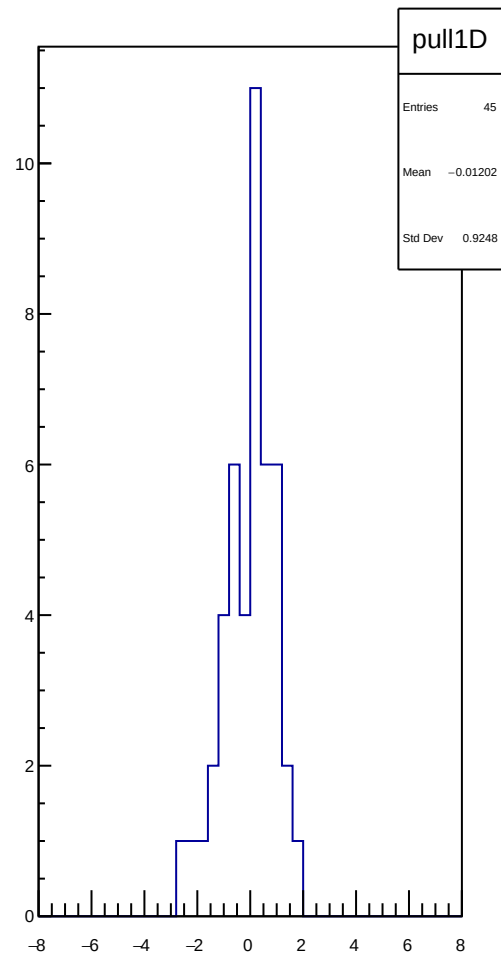
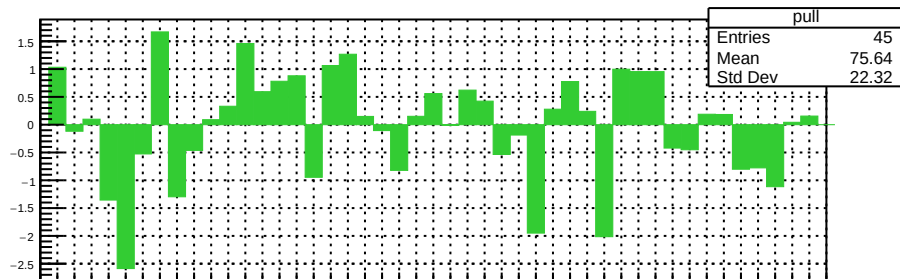
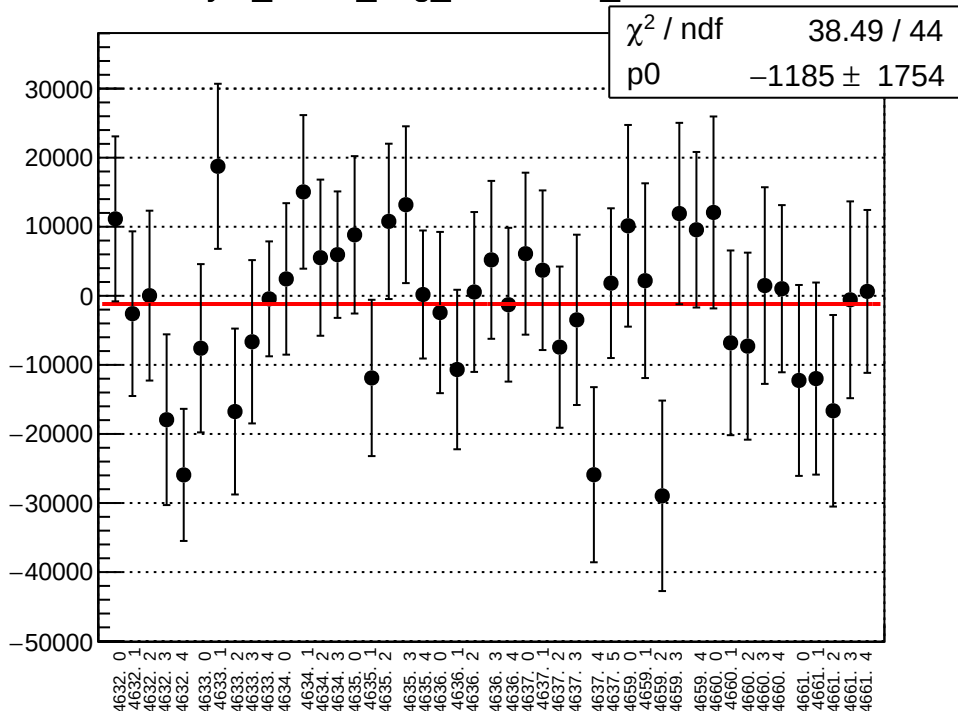
reg_asym_atr1l2_avg_mean vs run



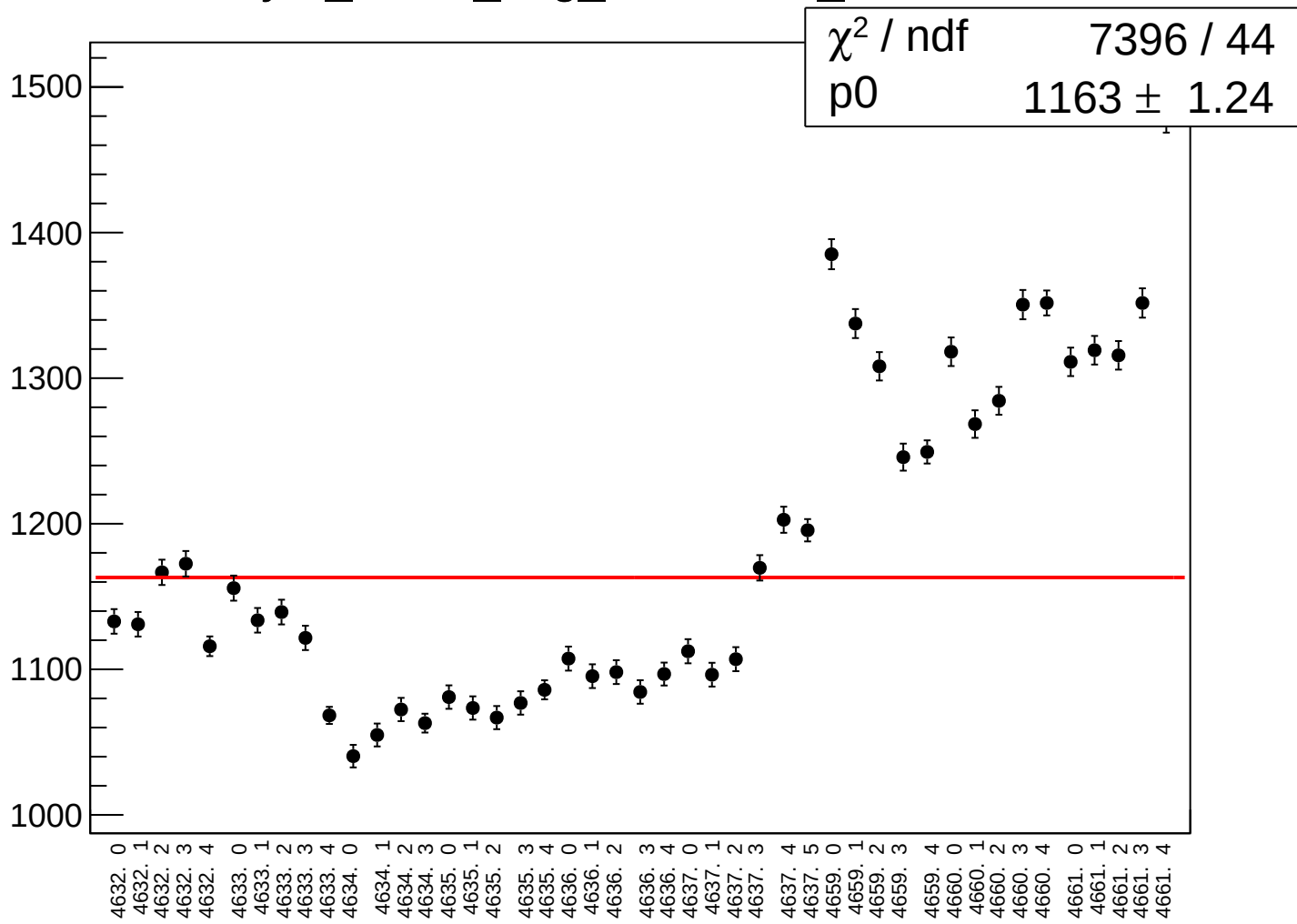
reg_asym_atr1l2_avg_rms vs run



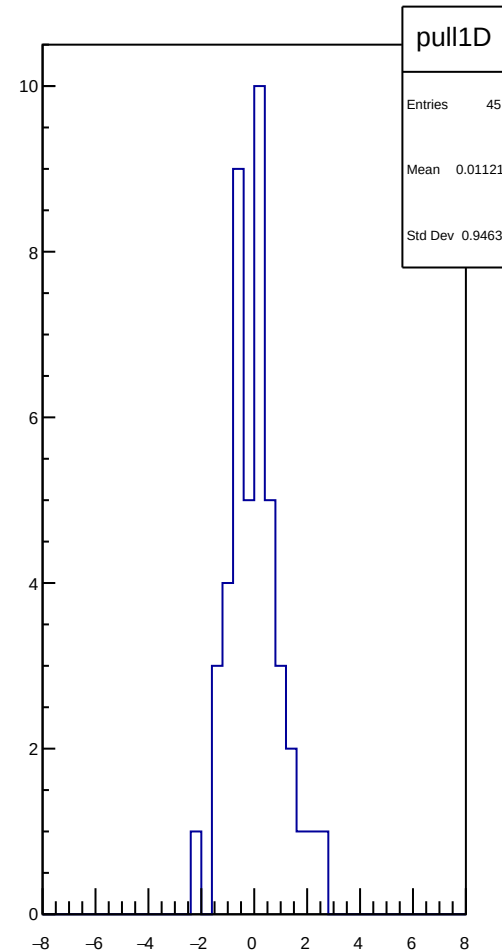
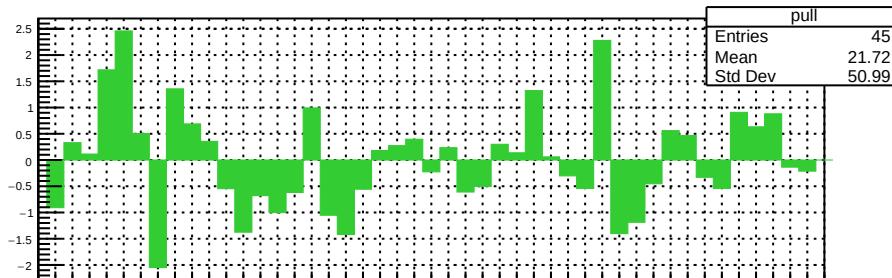
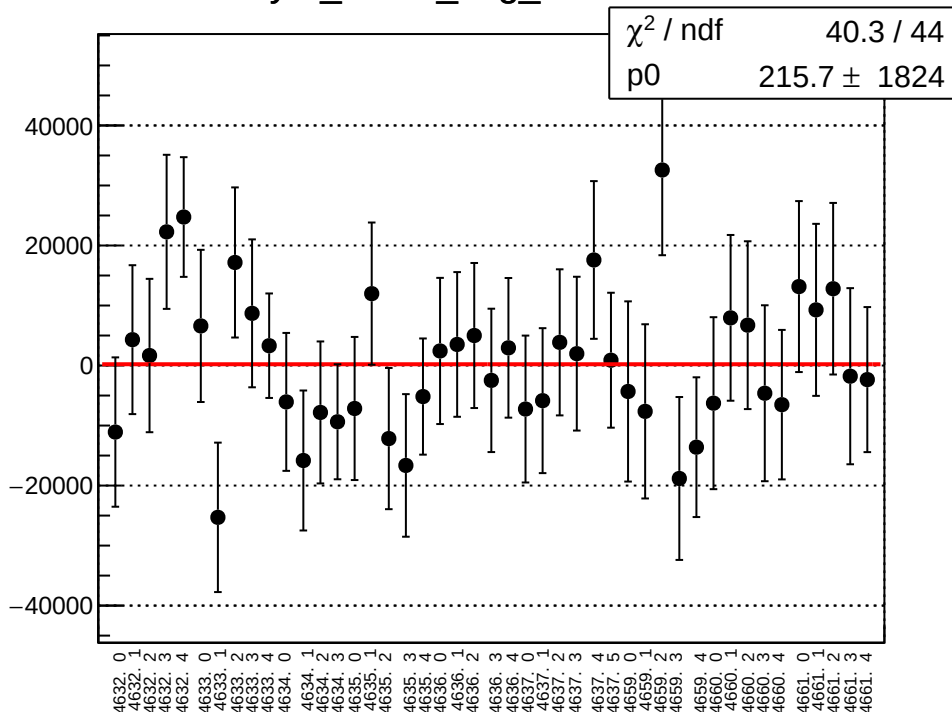
asym_atr1l2_avg_correction_mean vs run



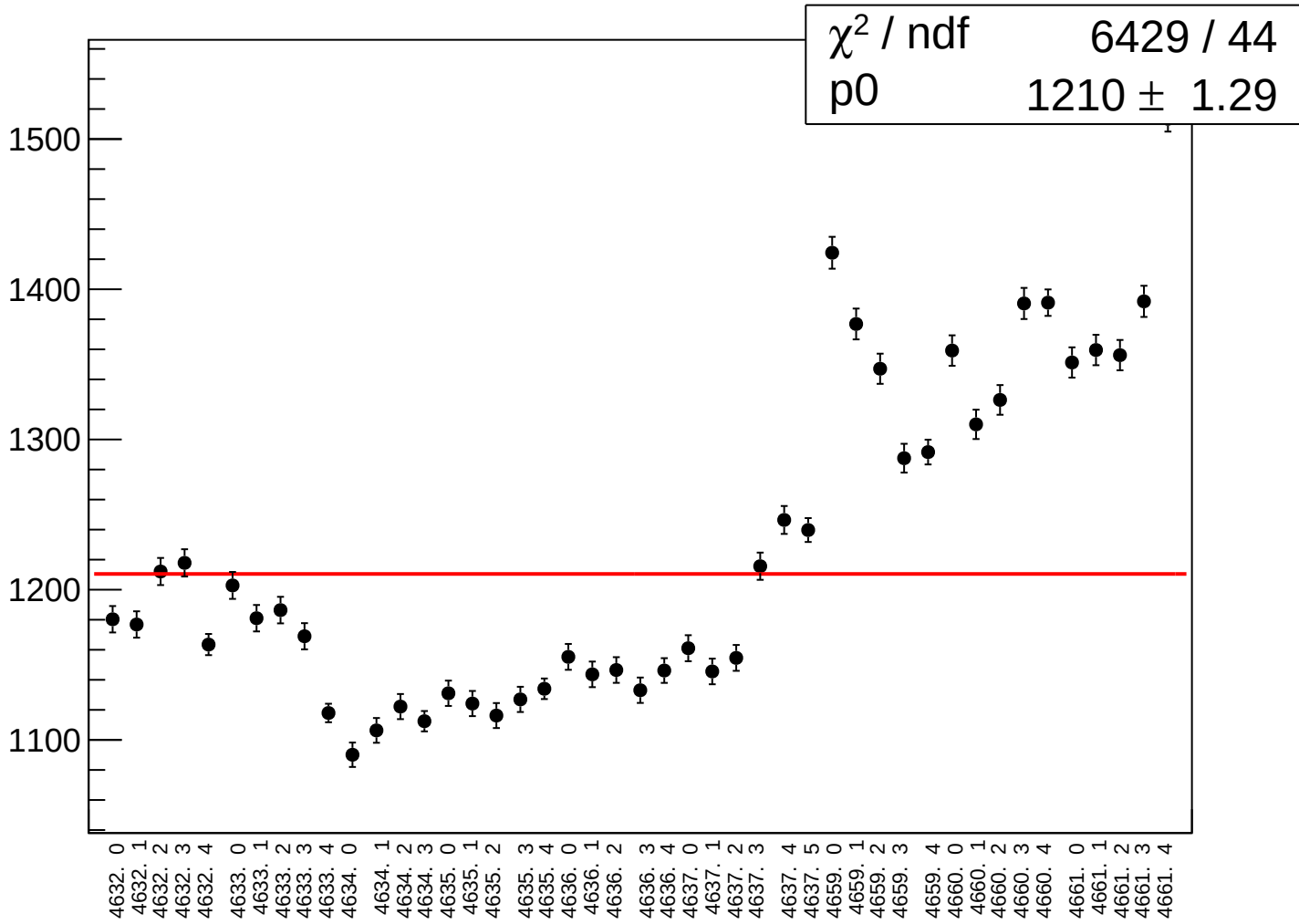
asym_atr1l2_avg_correction_rms vs run



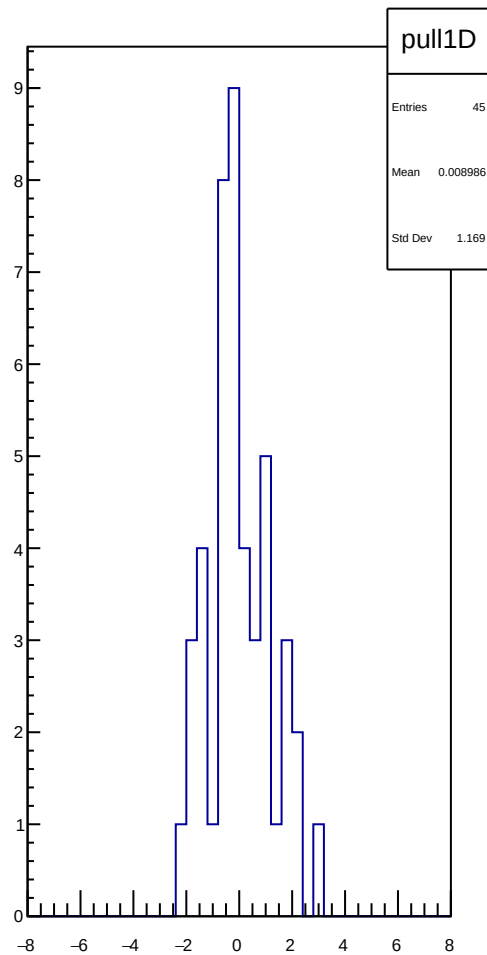
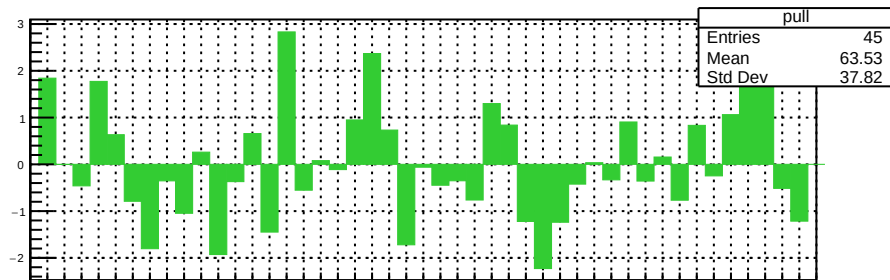
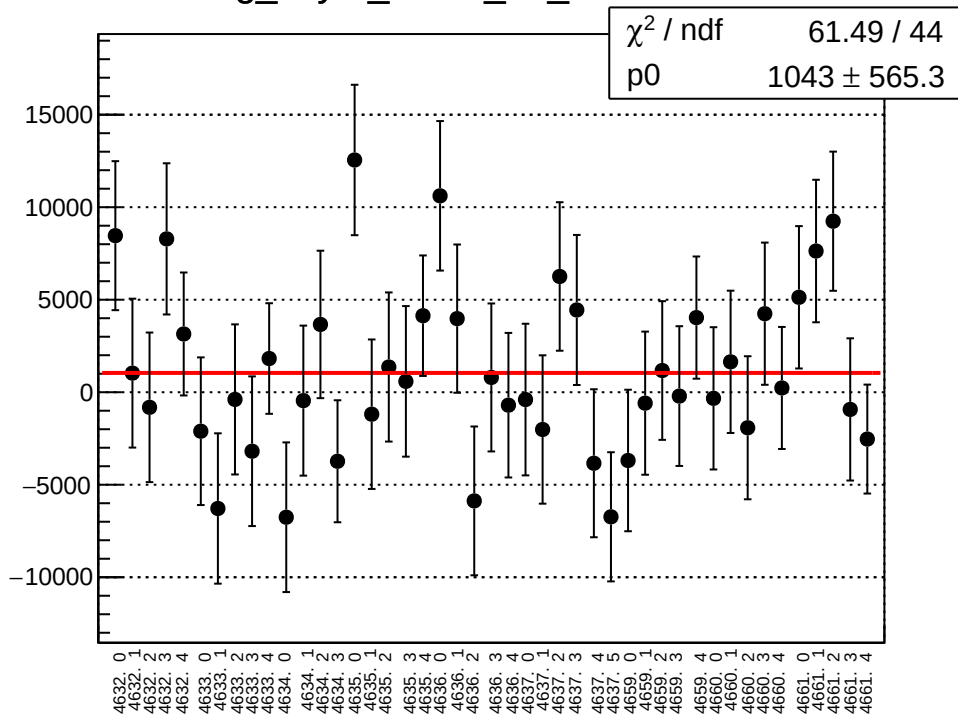
asym_atr1l2_avg_mean vs run



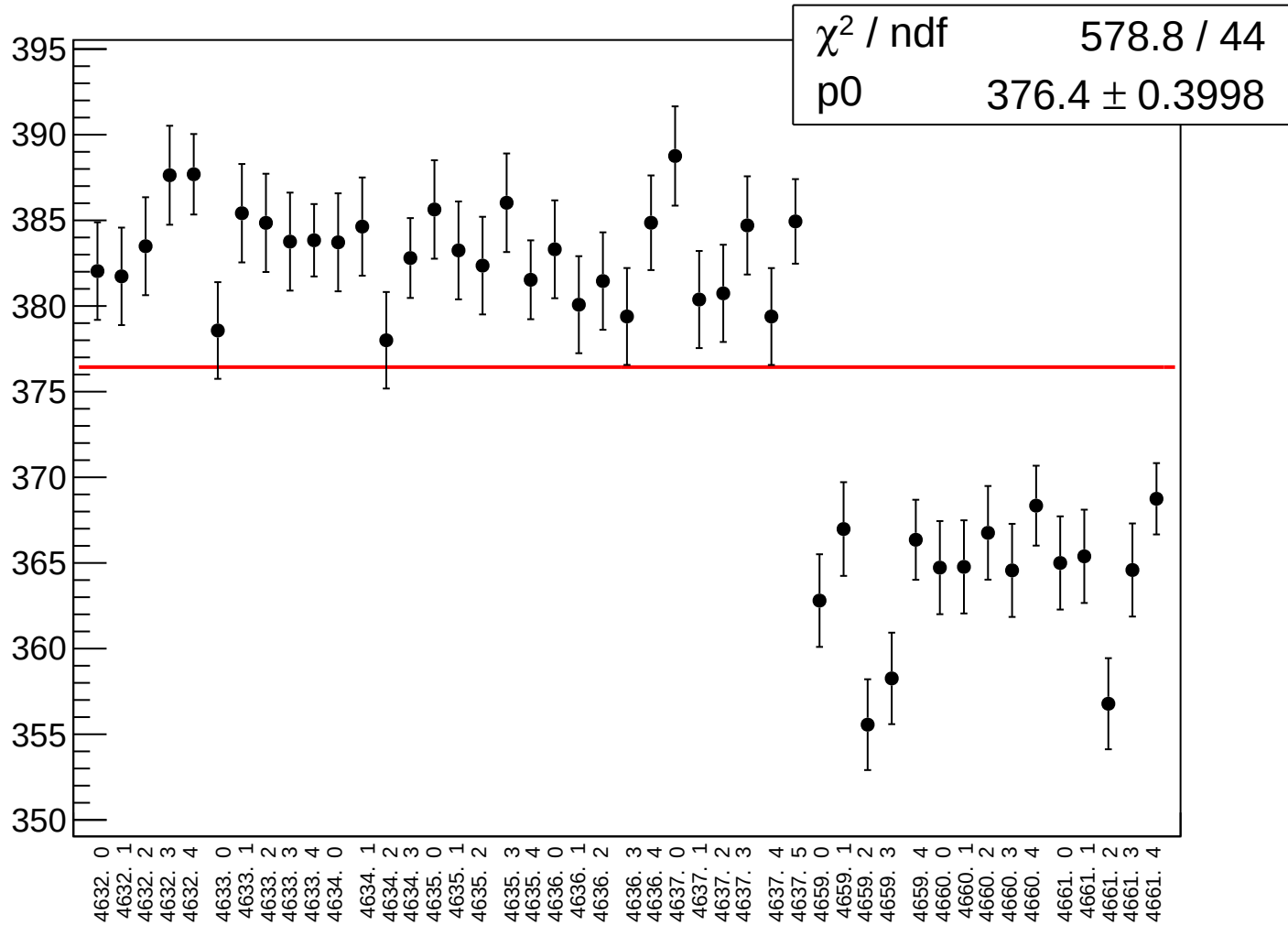
asym_atr1l2_avg_rms vs run



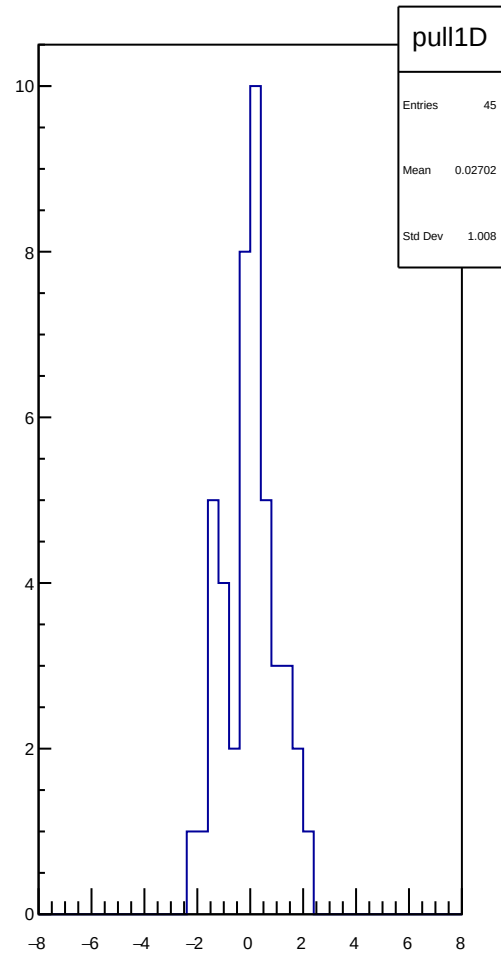
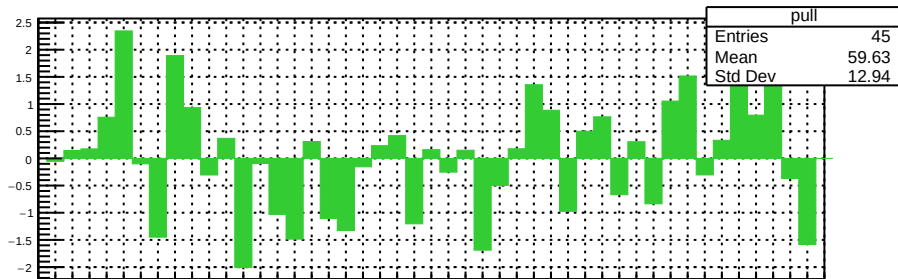
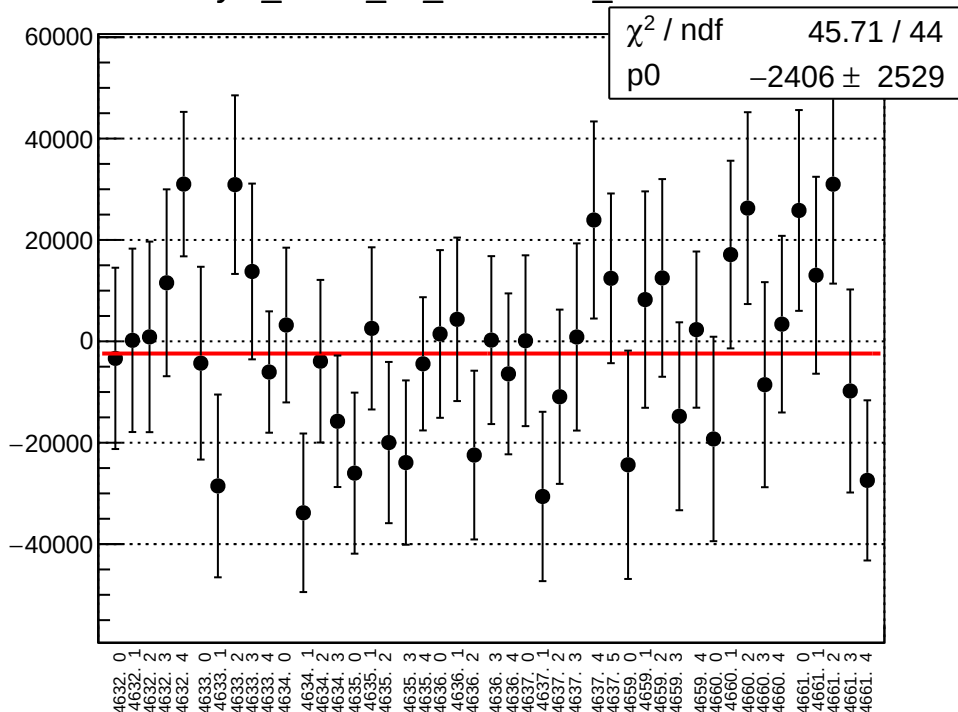
reg_asym_atr1l2_dd_mean vs run



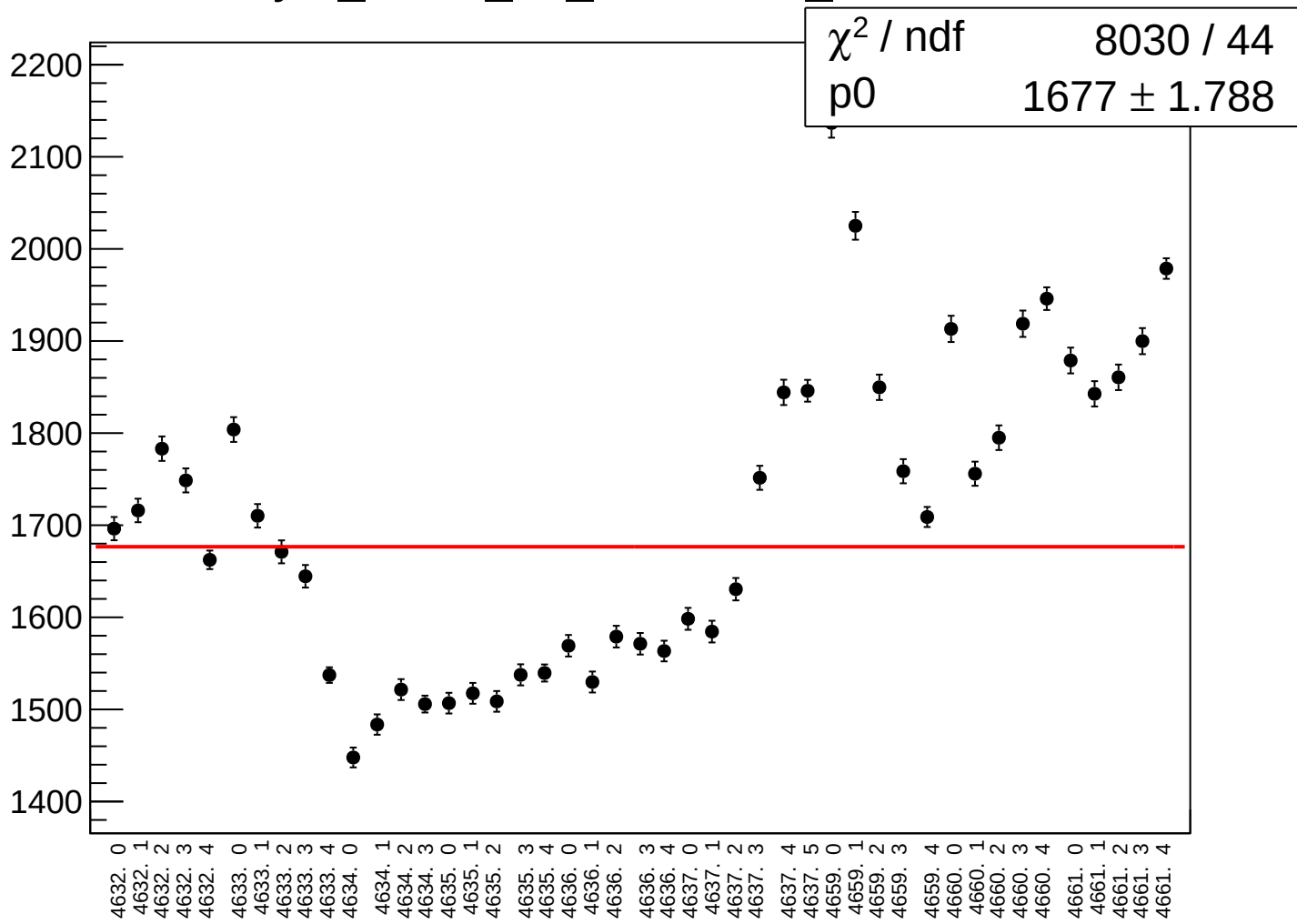
reg_asym_atr1l2_dd_rms vs run



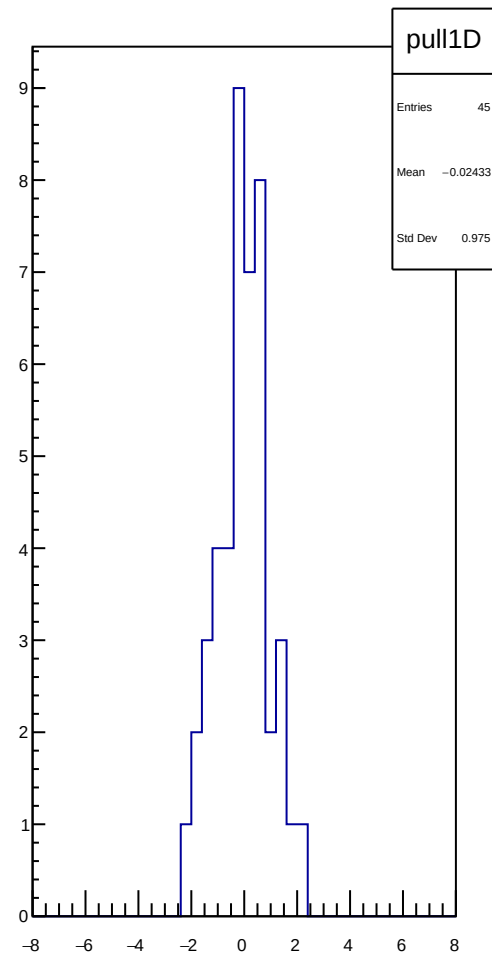
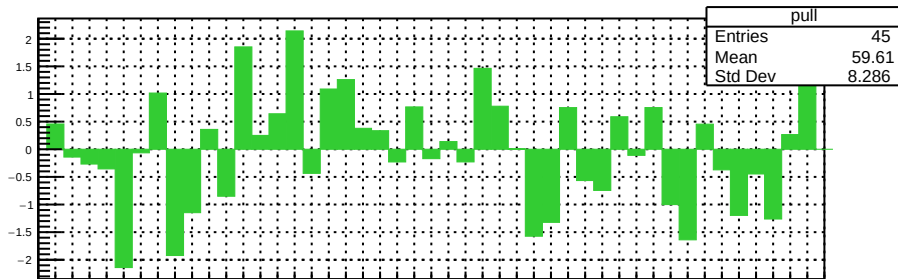
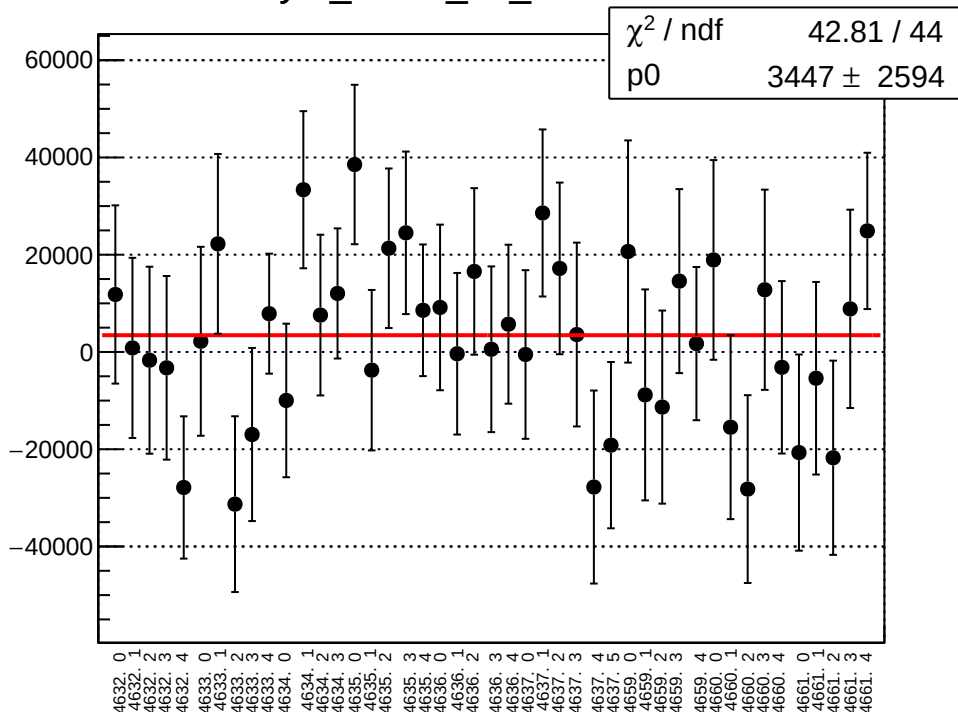
asym_atr1l2_dd_correction_mean vs run



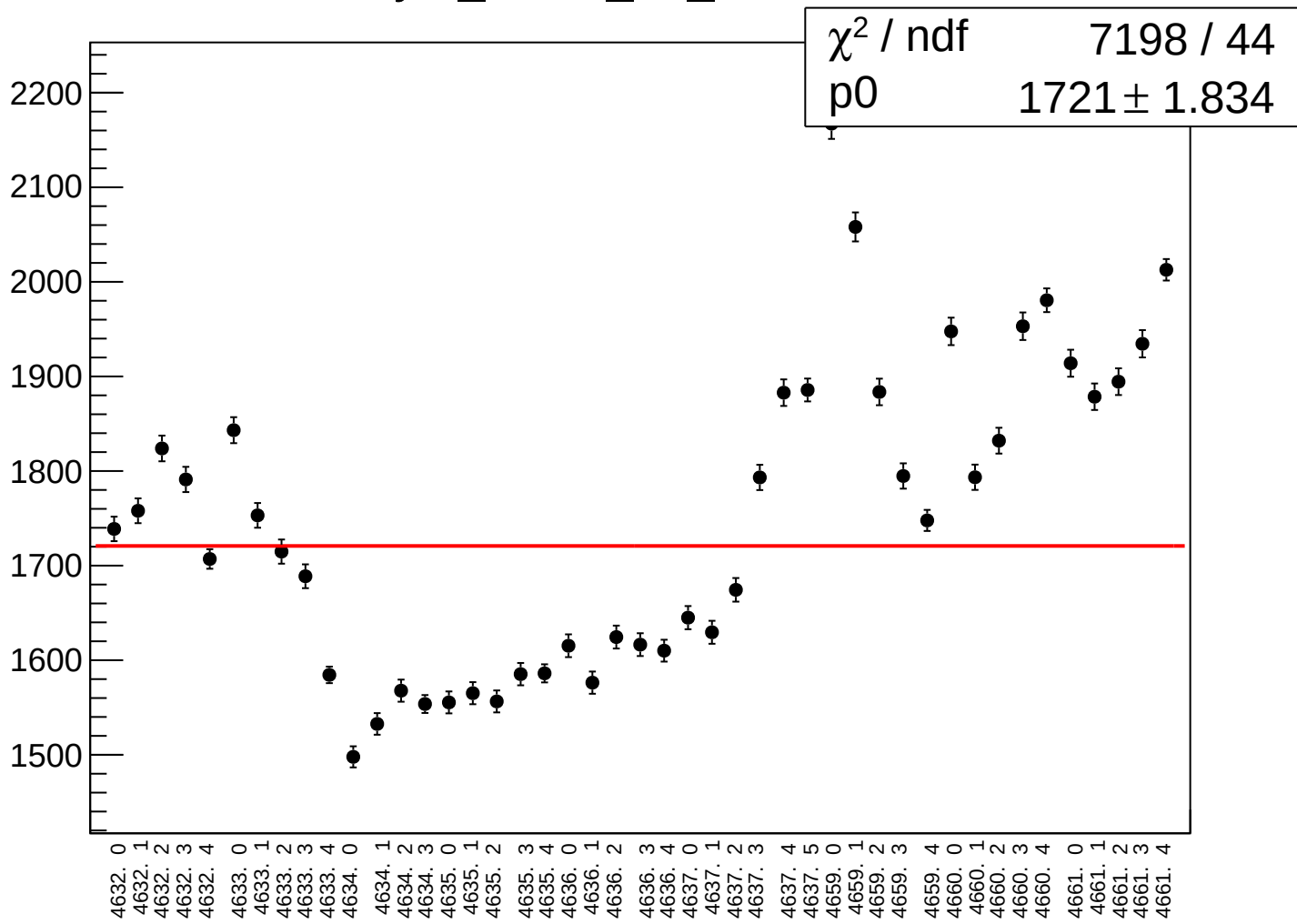
asym_atr1l2_dd_correction_rms vs run



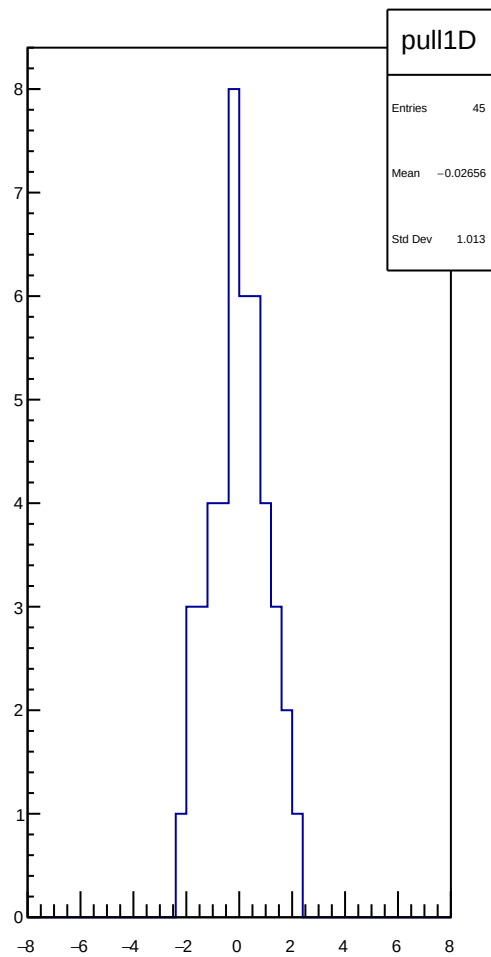
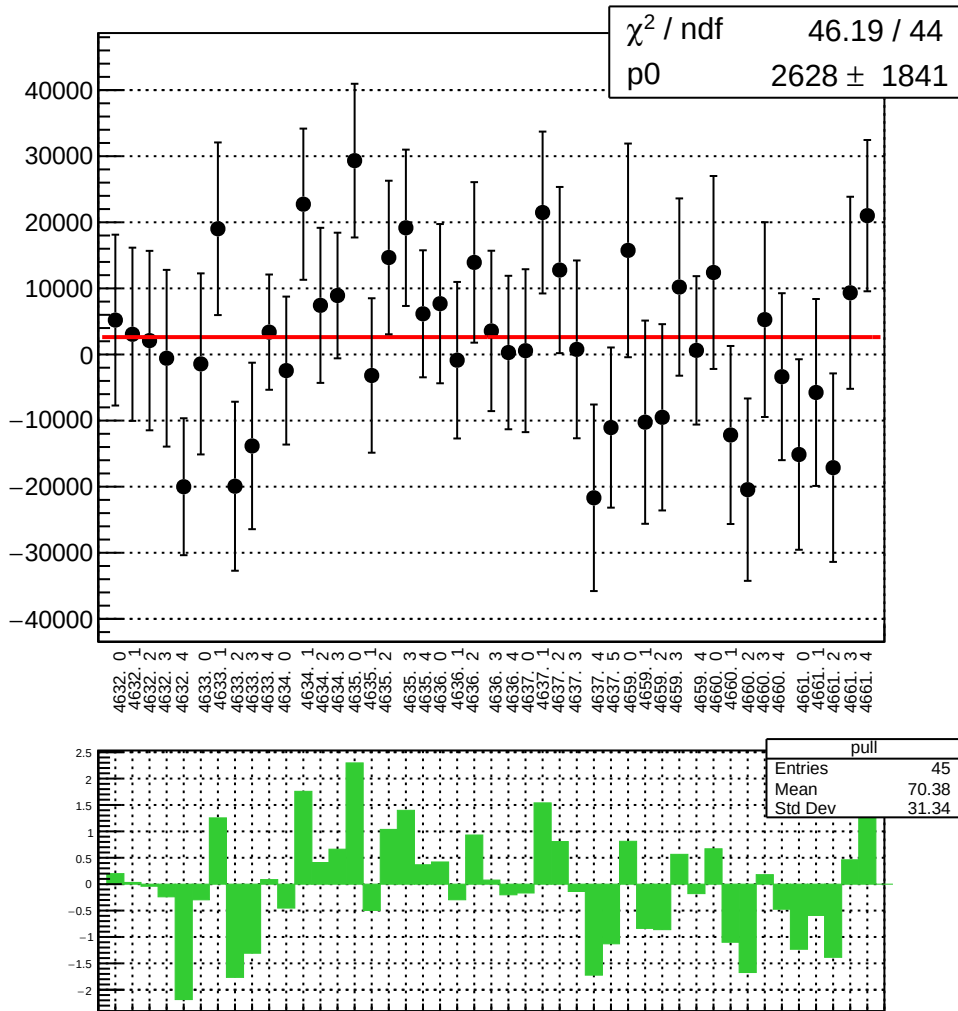
asym_atr1l2_dd_mean vs run



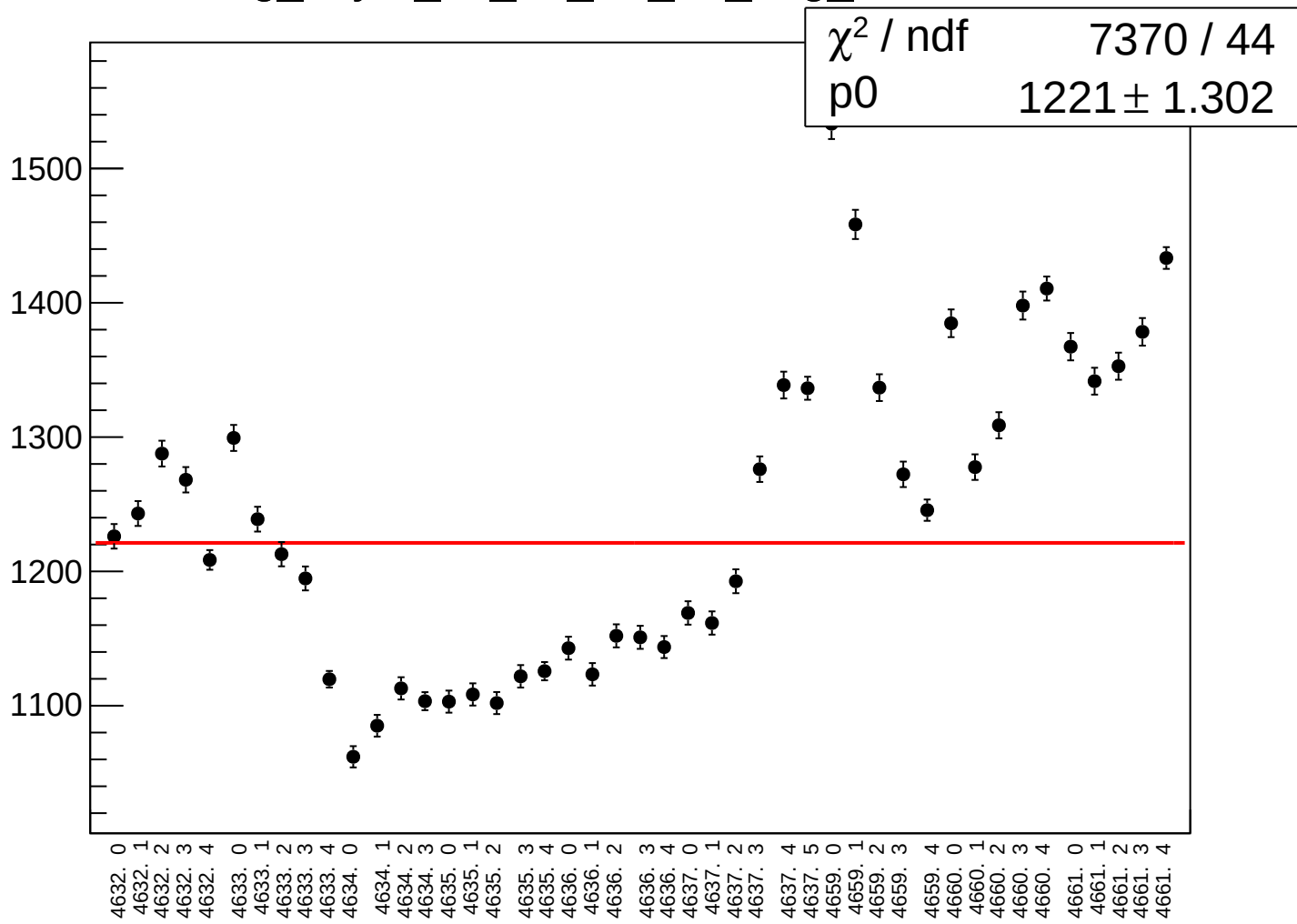
asym_atr1l2_dd_rms vs run



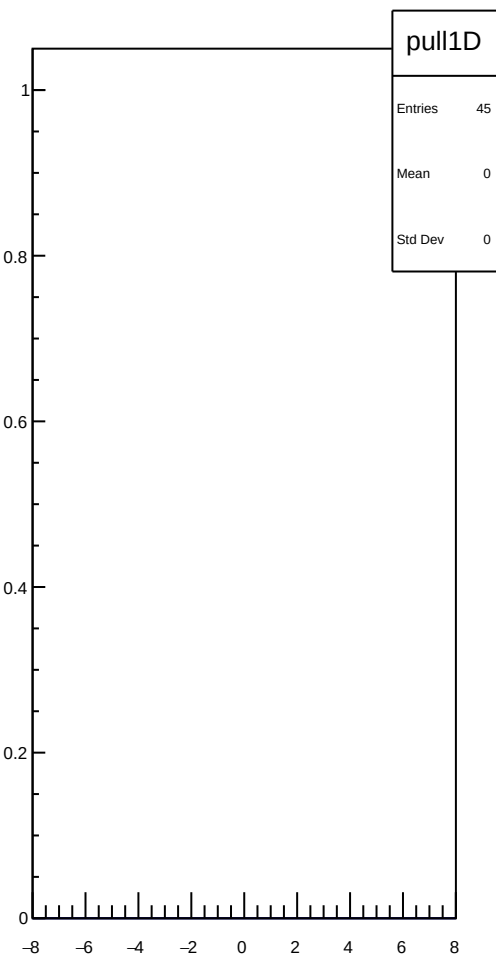
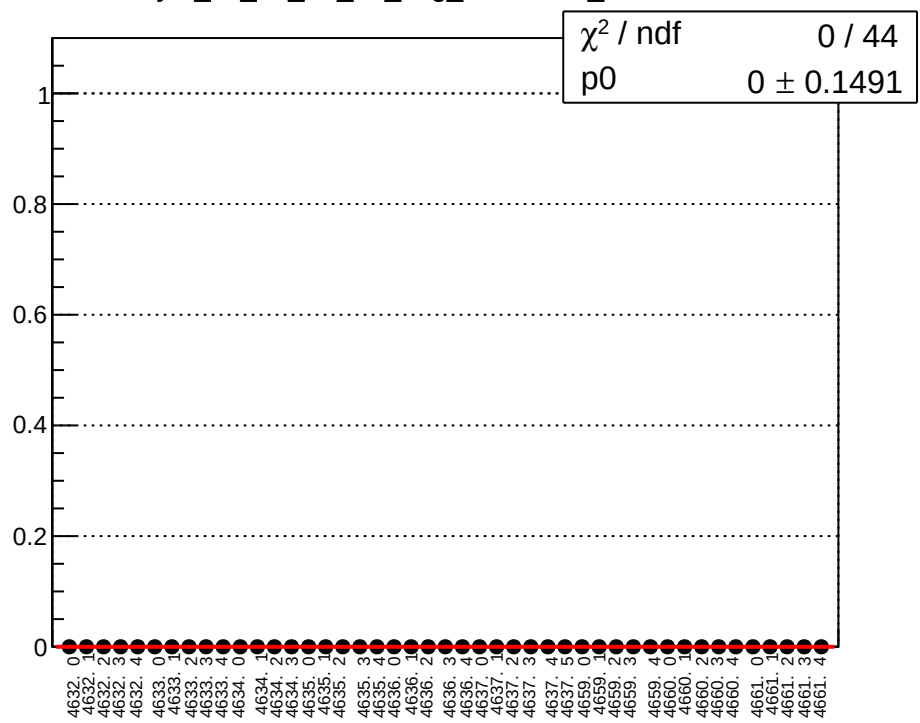
reg_asym_atl_dd_atr_dd_avg_mean vs run



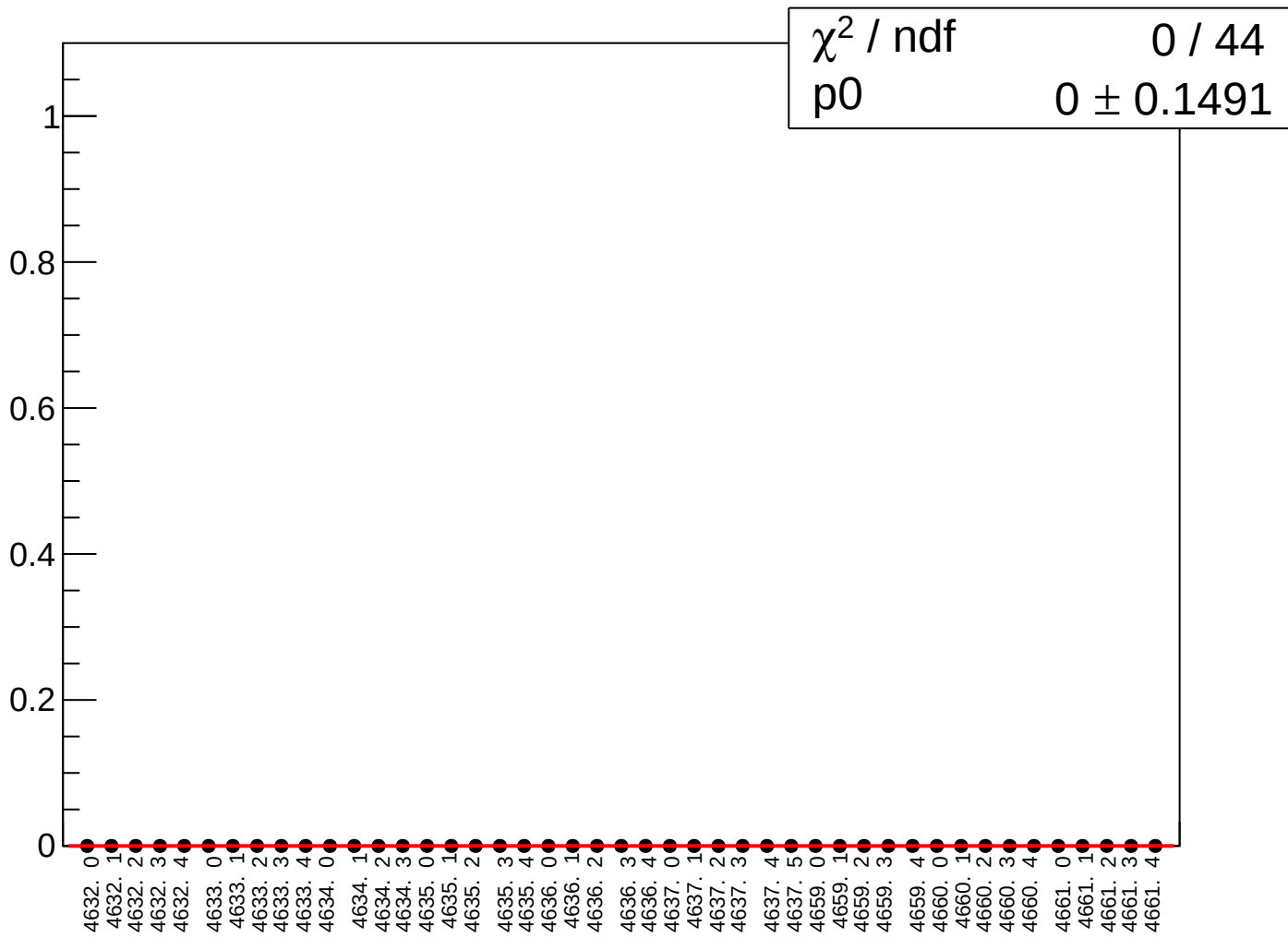
reg_asym_atl_dd_atr_dd_avg_rms vs run



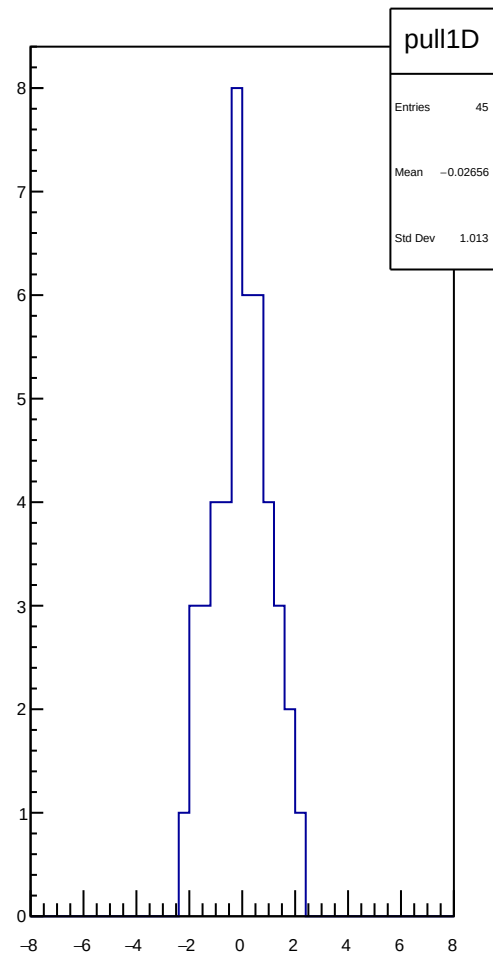
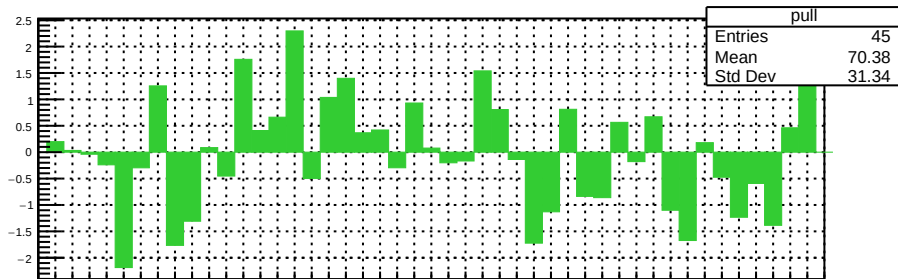
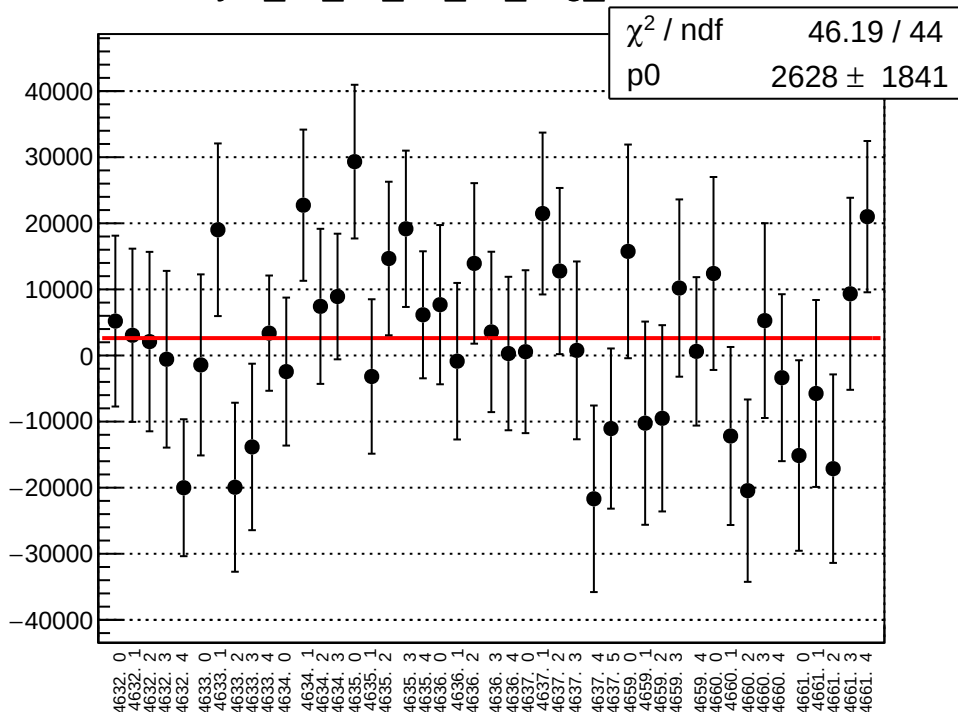
asym_atl_dd_atr_dd_avg_correction_mean vs run



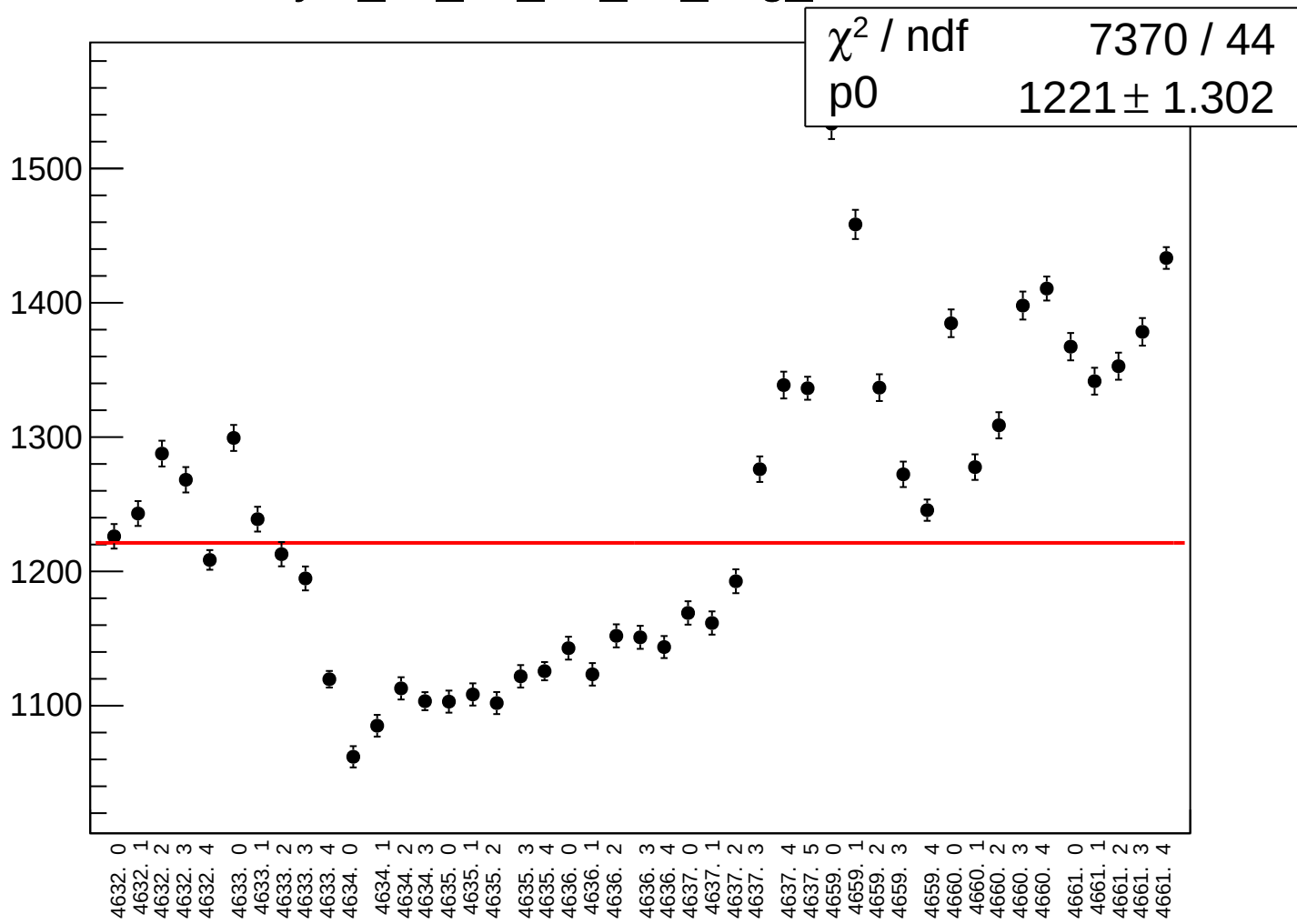
asym_atl_dd_atr_dd_avg_correction_rms vs run



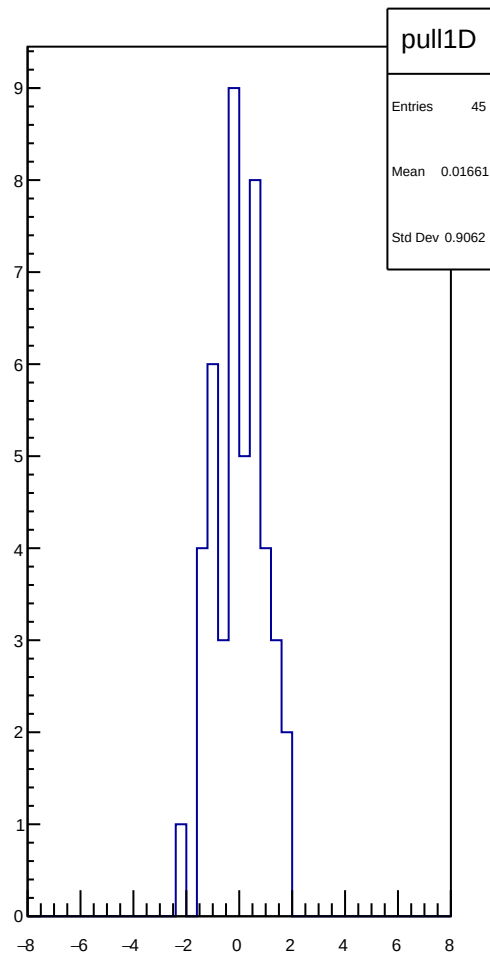
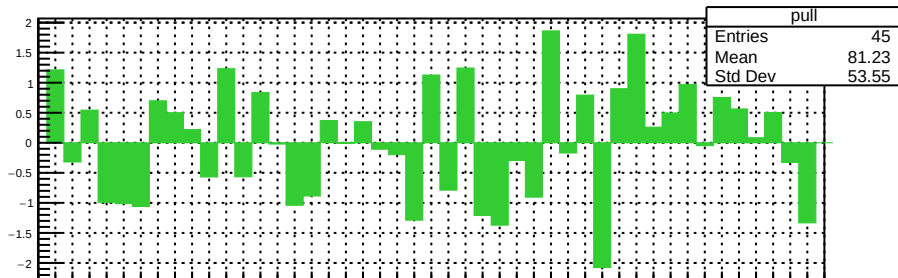
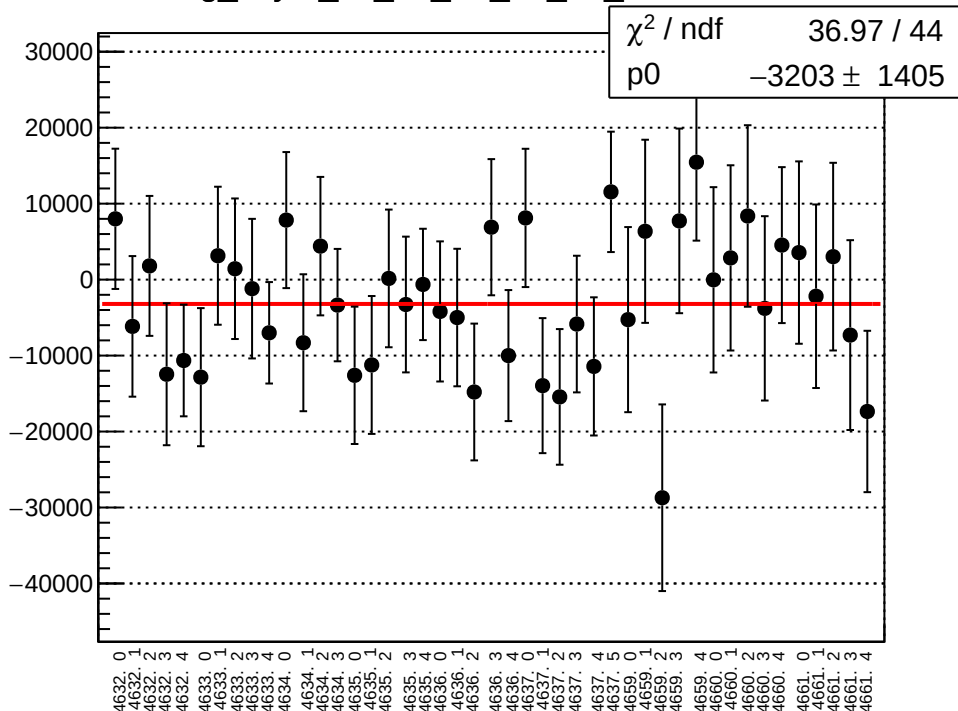
asym_atl_dd_atr_dd_avg_mean vs run



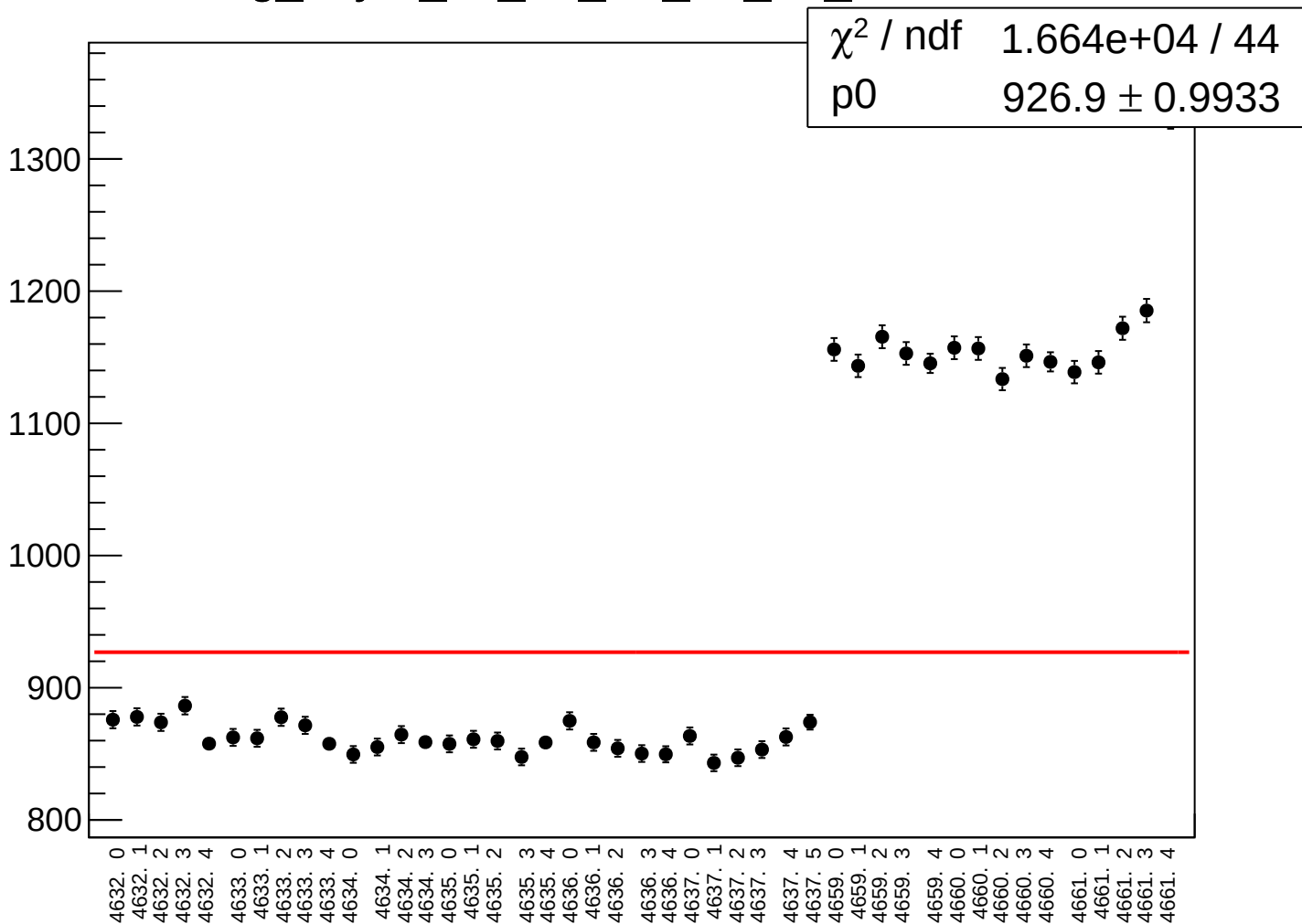
asym_atl_dd_atr_dd_avg_rms vs run



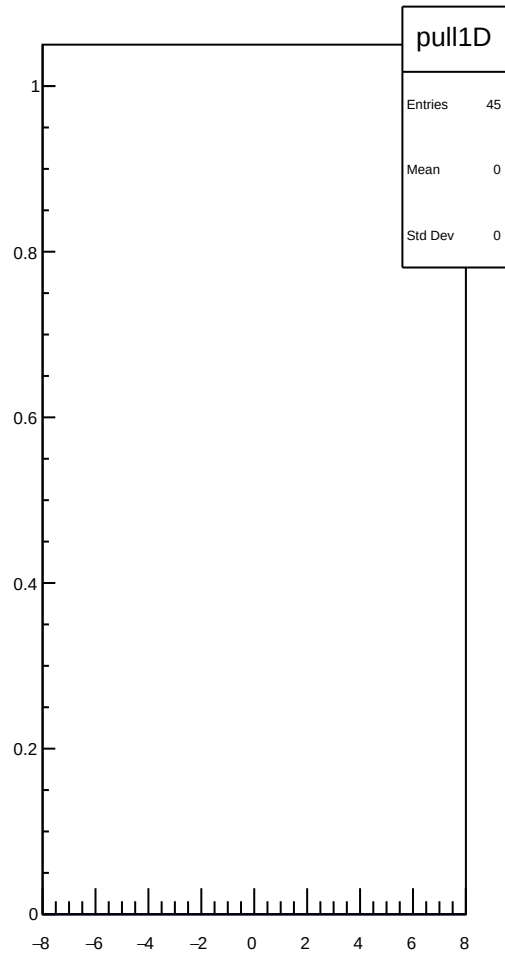
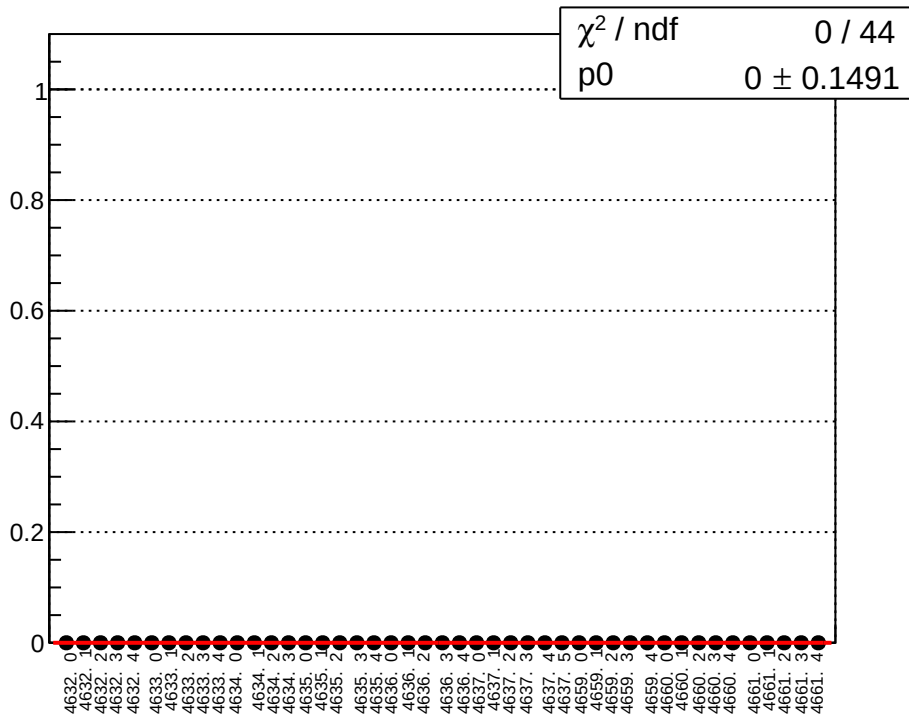
reg_asym_atl_dd_atr_dd_dd_mean vs run



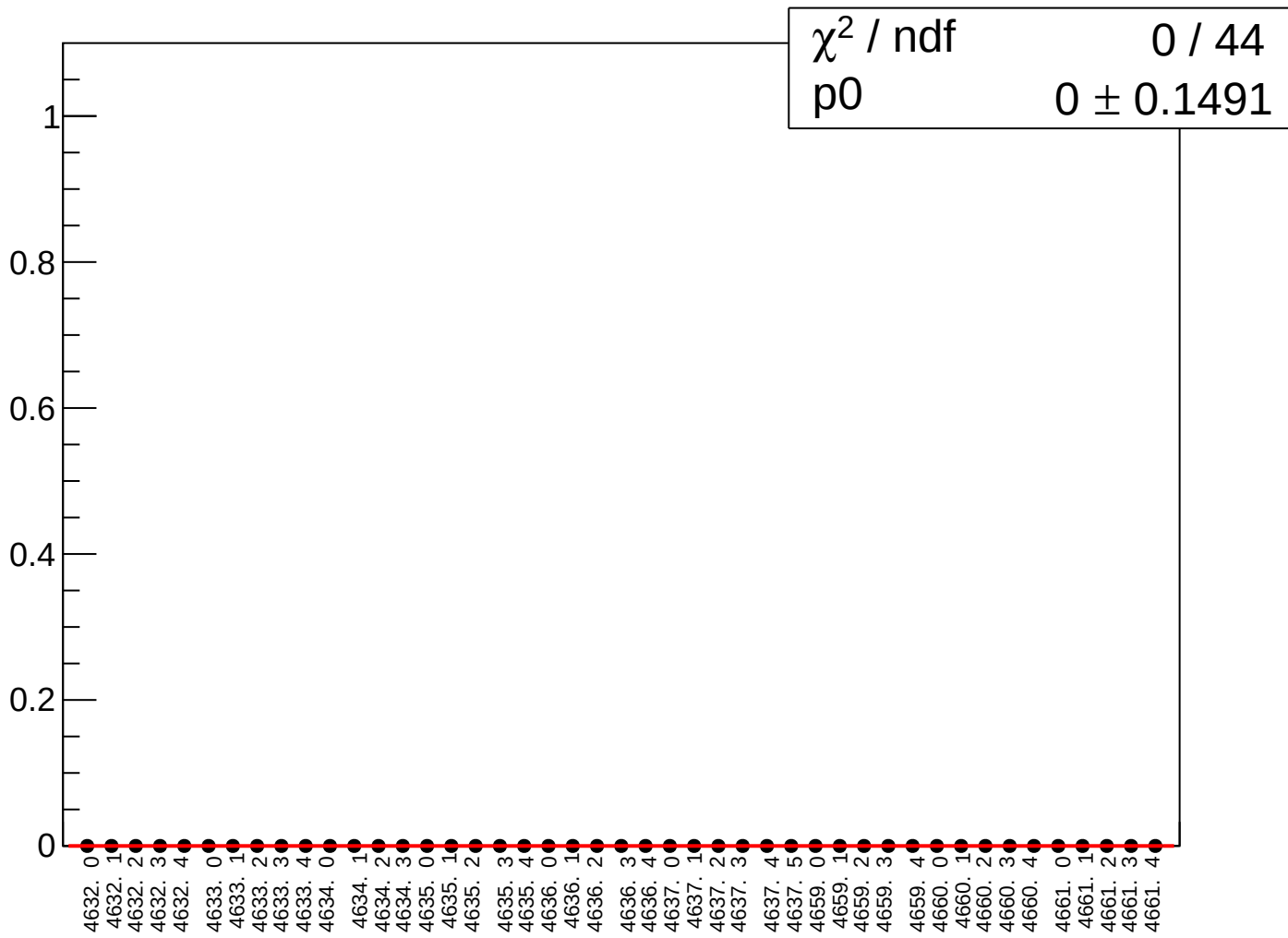
reg_asym_atl_dd_atr_dd_dd_rms vs run



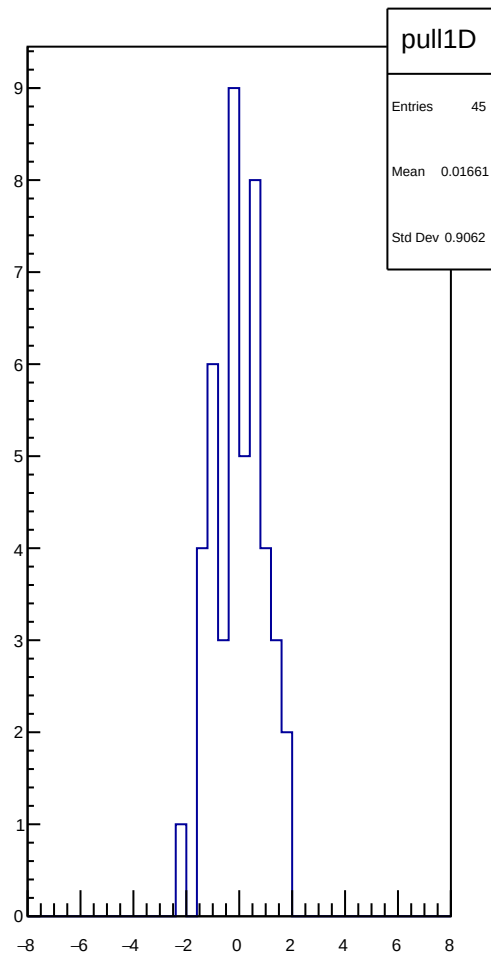
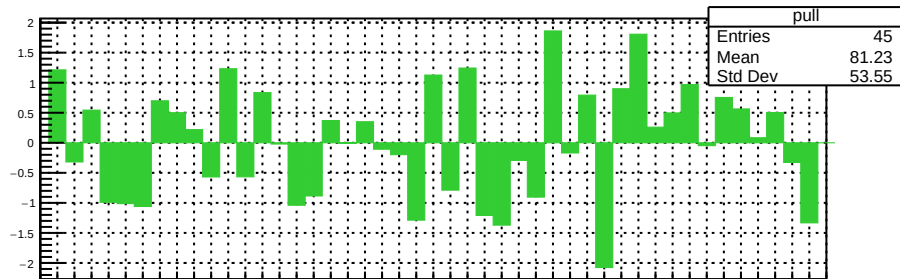
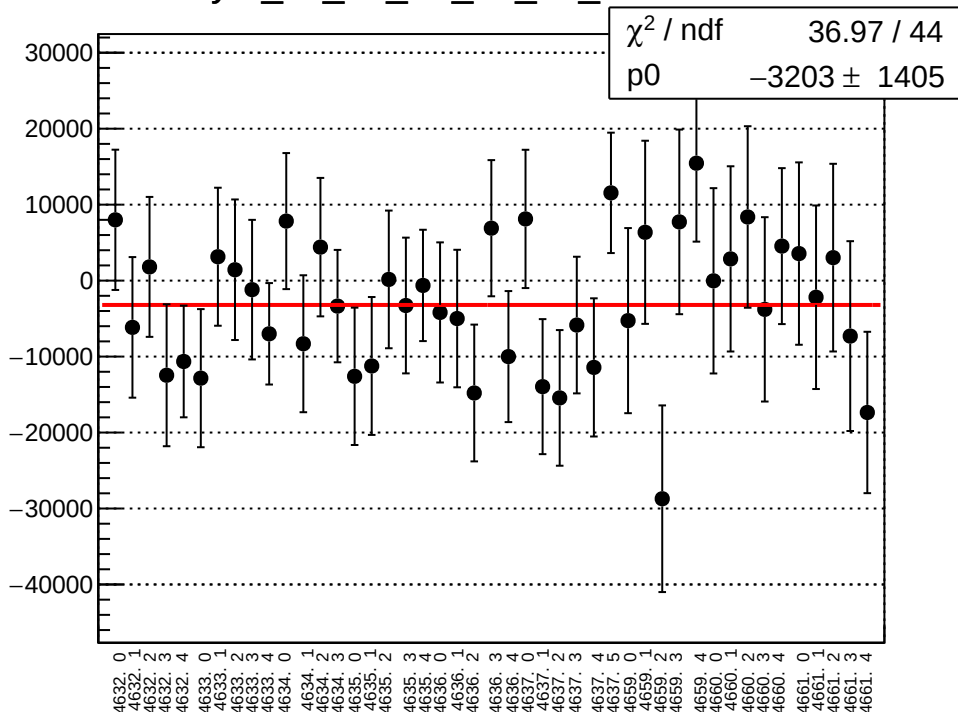
asym_atl_dd_atr_dd_dd_correction_mean vs run



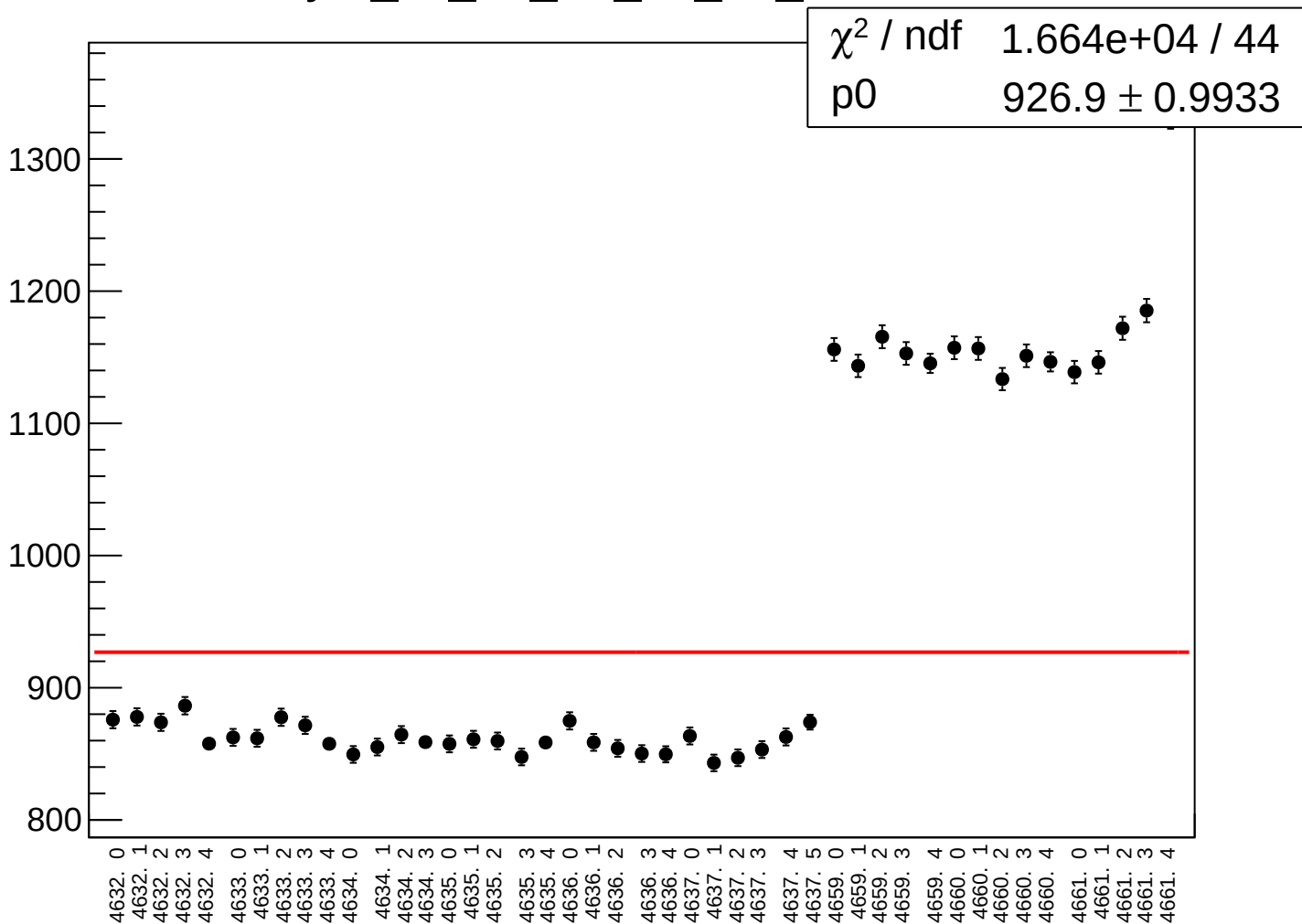
asym_atl_dd_atr_dd_dd_correction_rms vs run



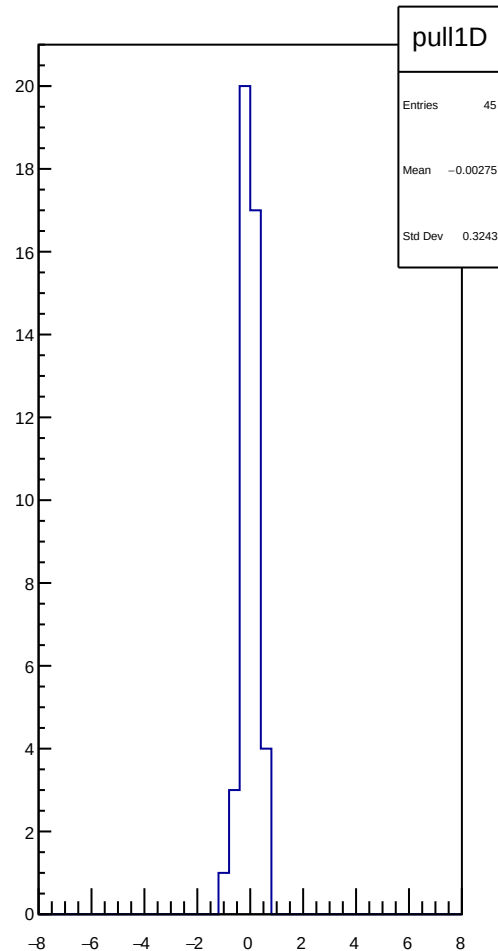
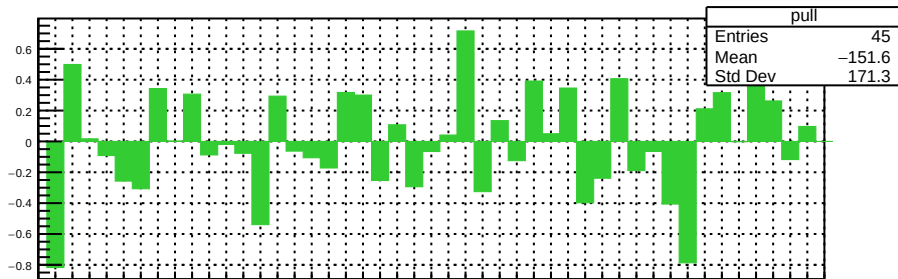
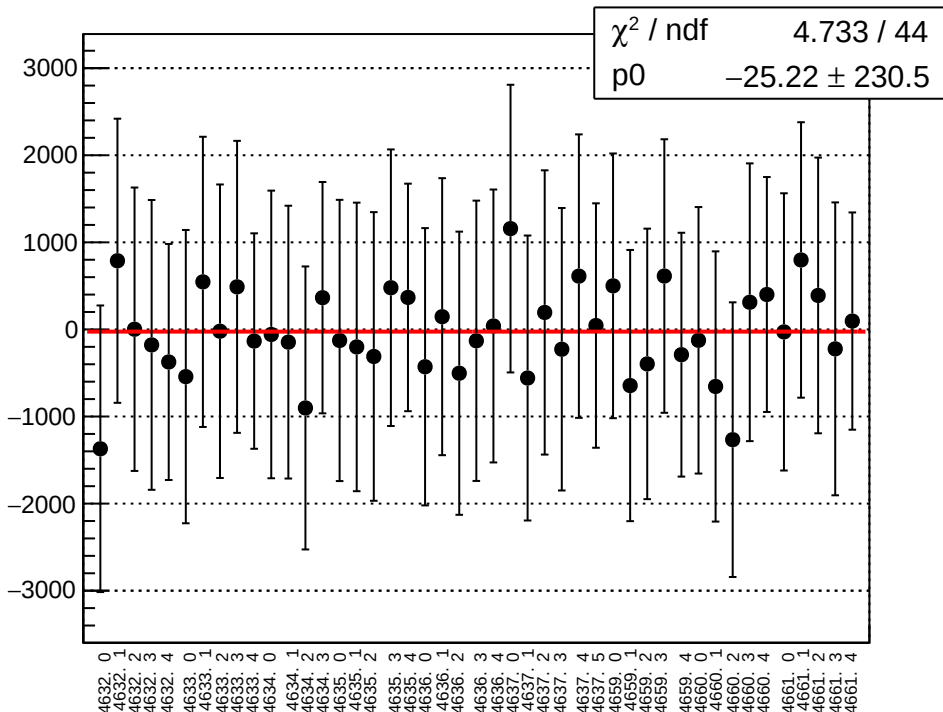
asym_atl_dd_atr_dd_dd_mean vs run



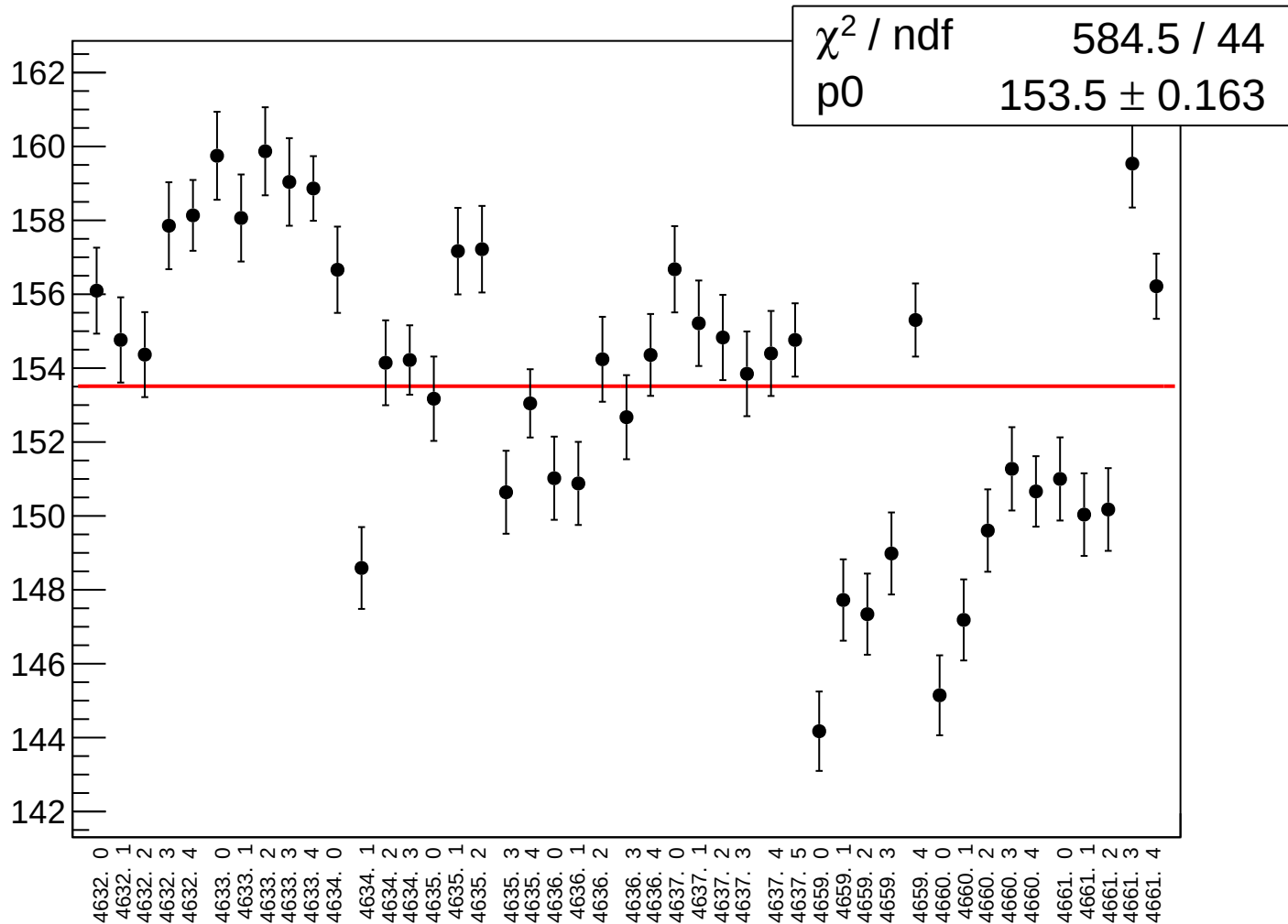
asym_atl_dd_atr_dd_dd_rms vs run



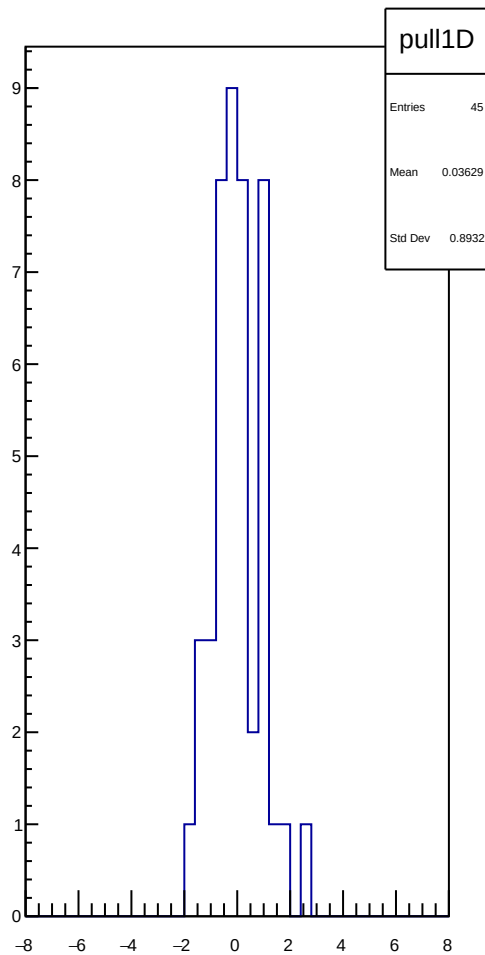
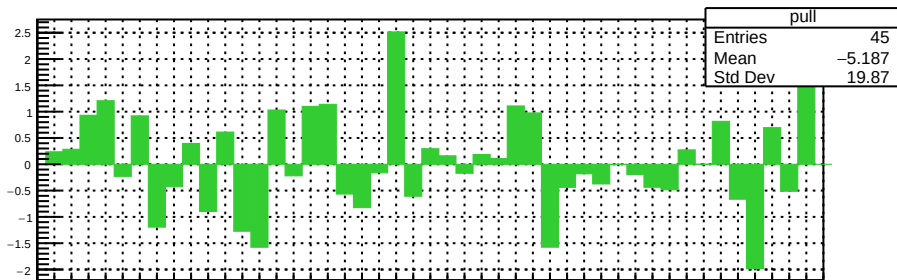
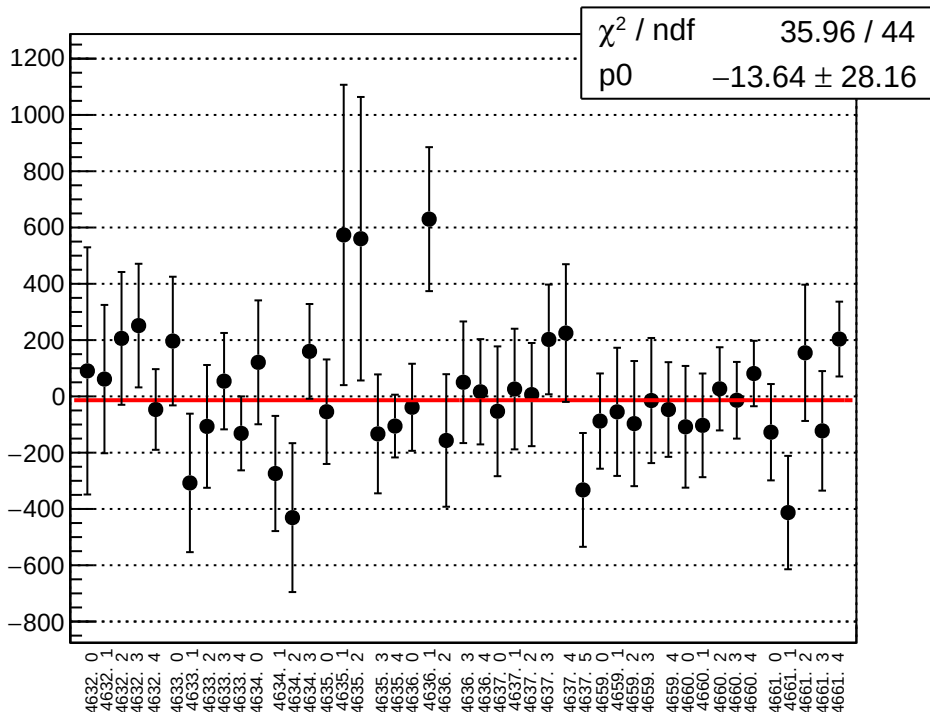
asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs run



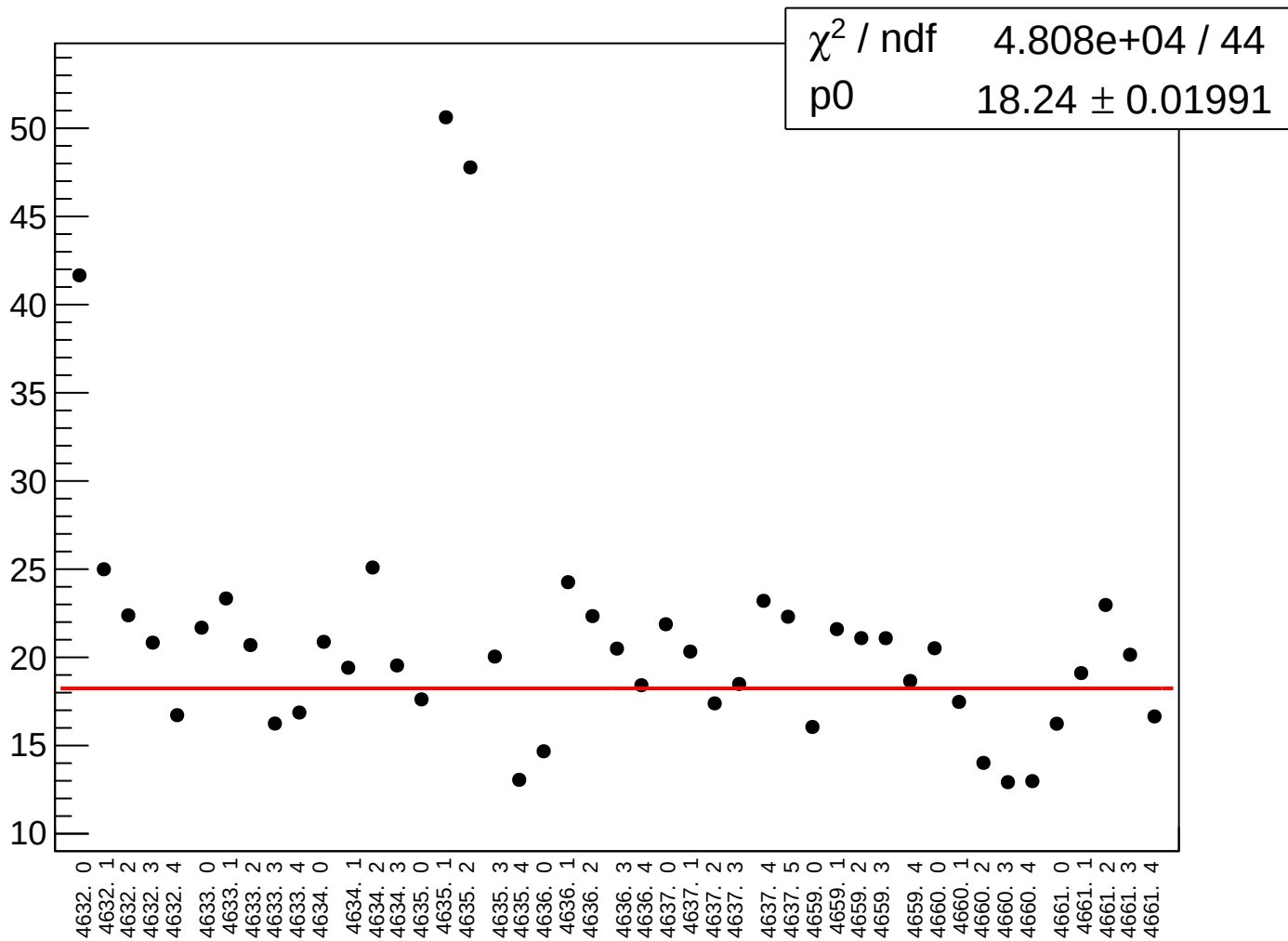
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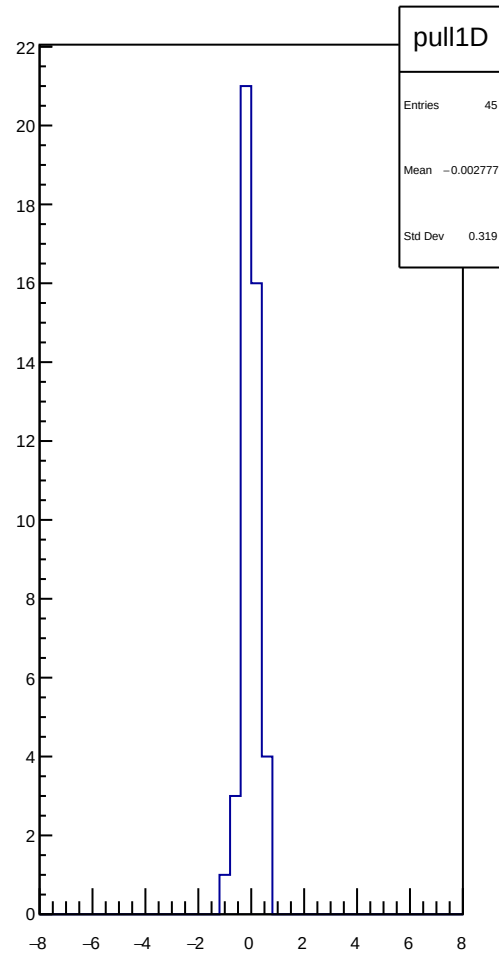
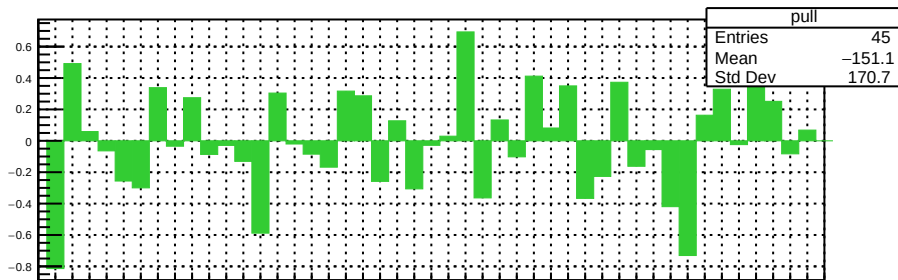
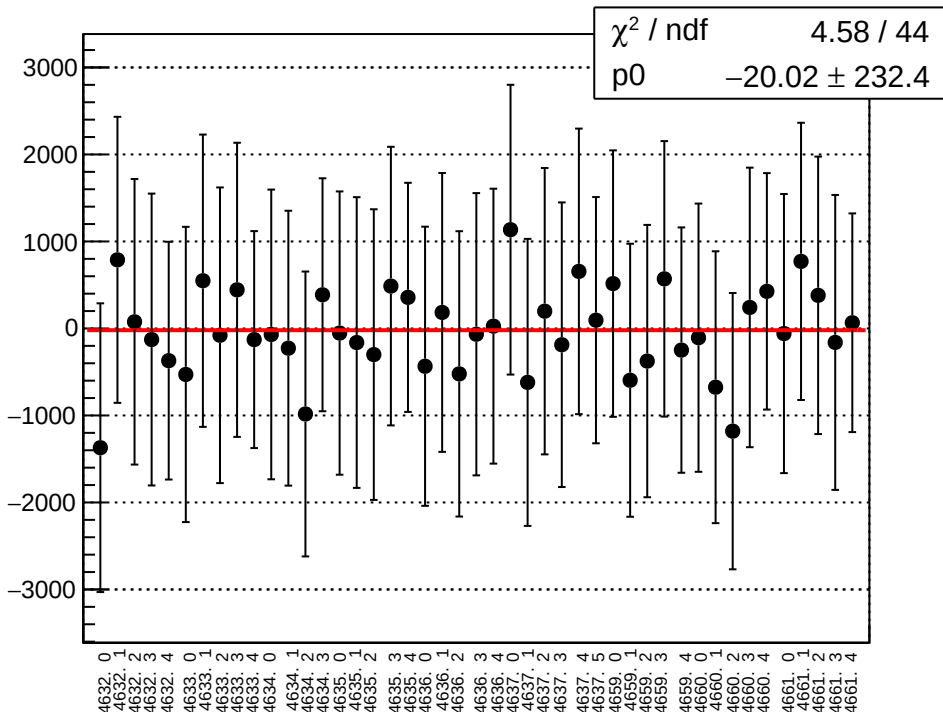
asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs run



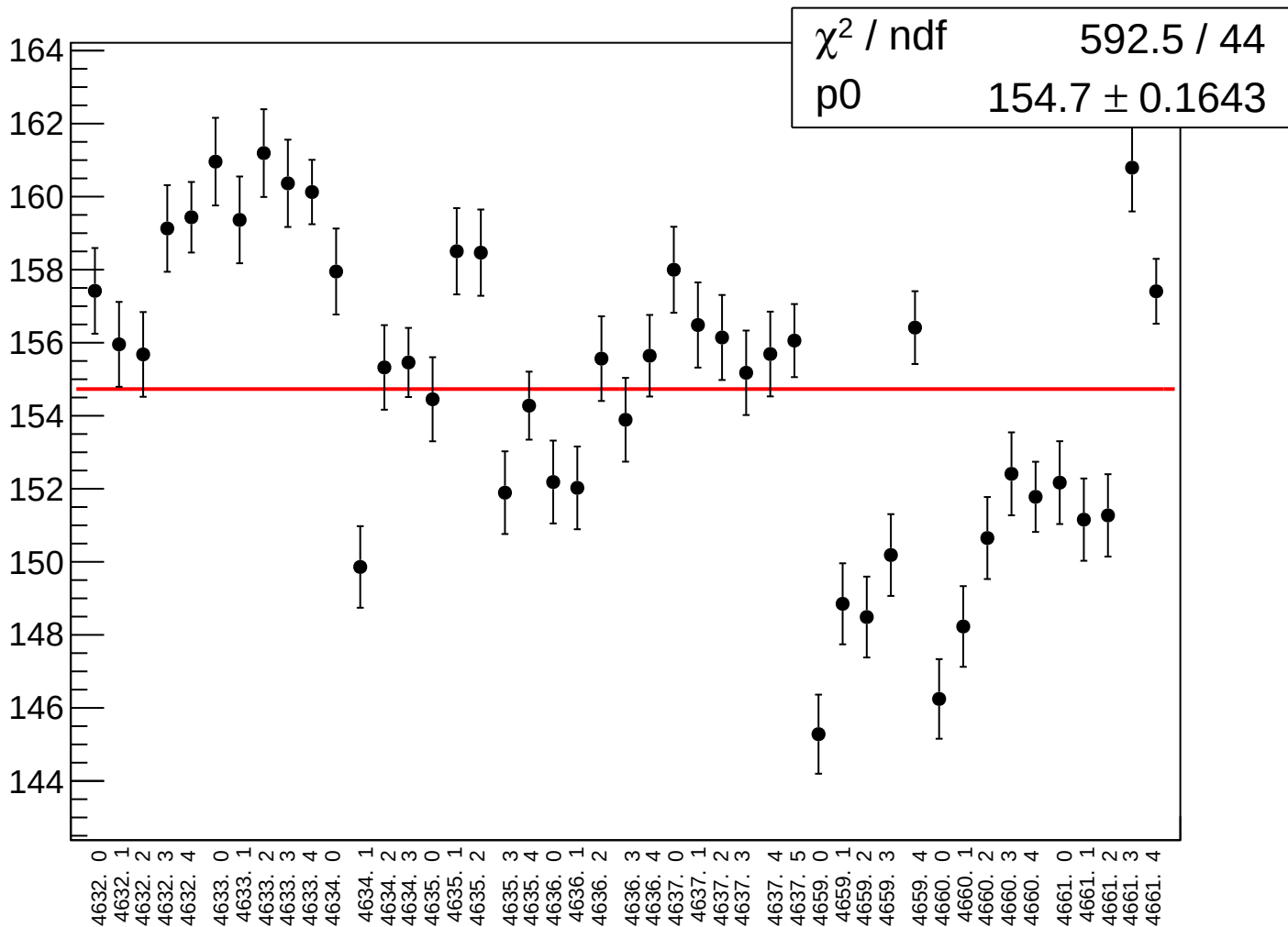
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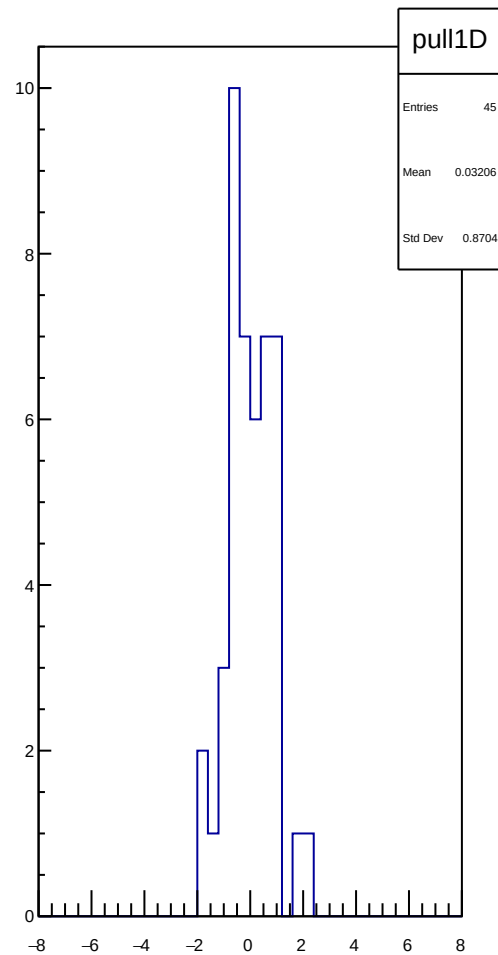
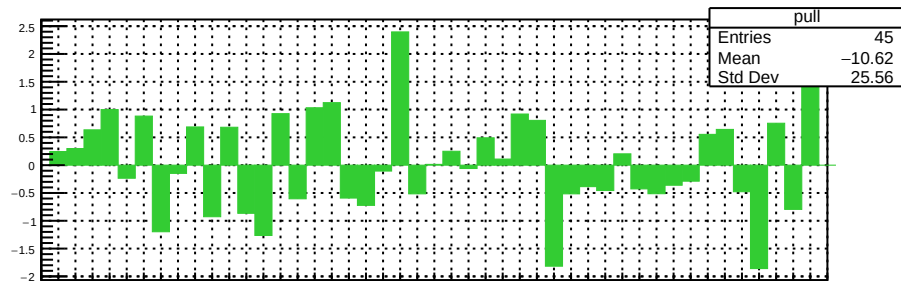
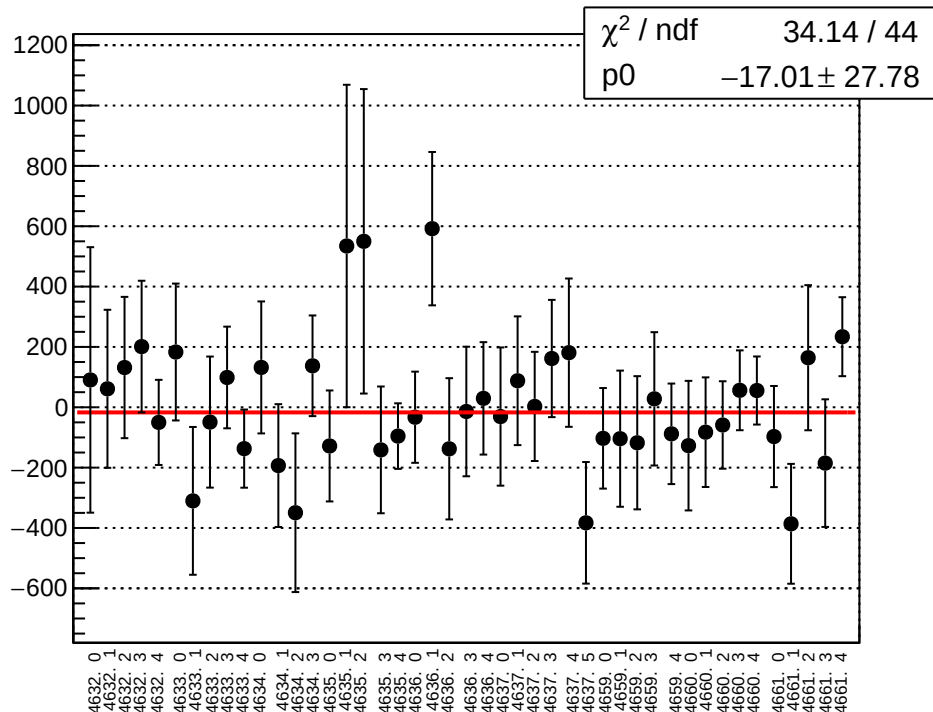
asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs run



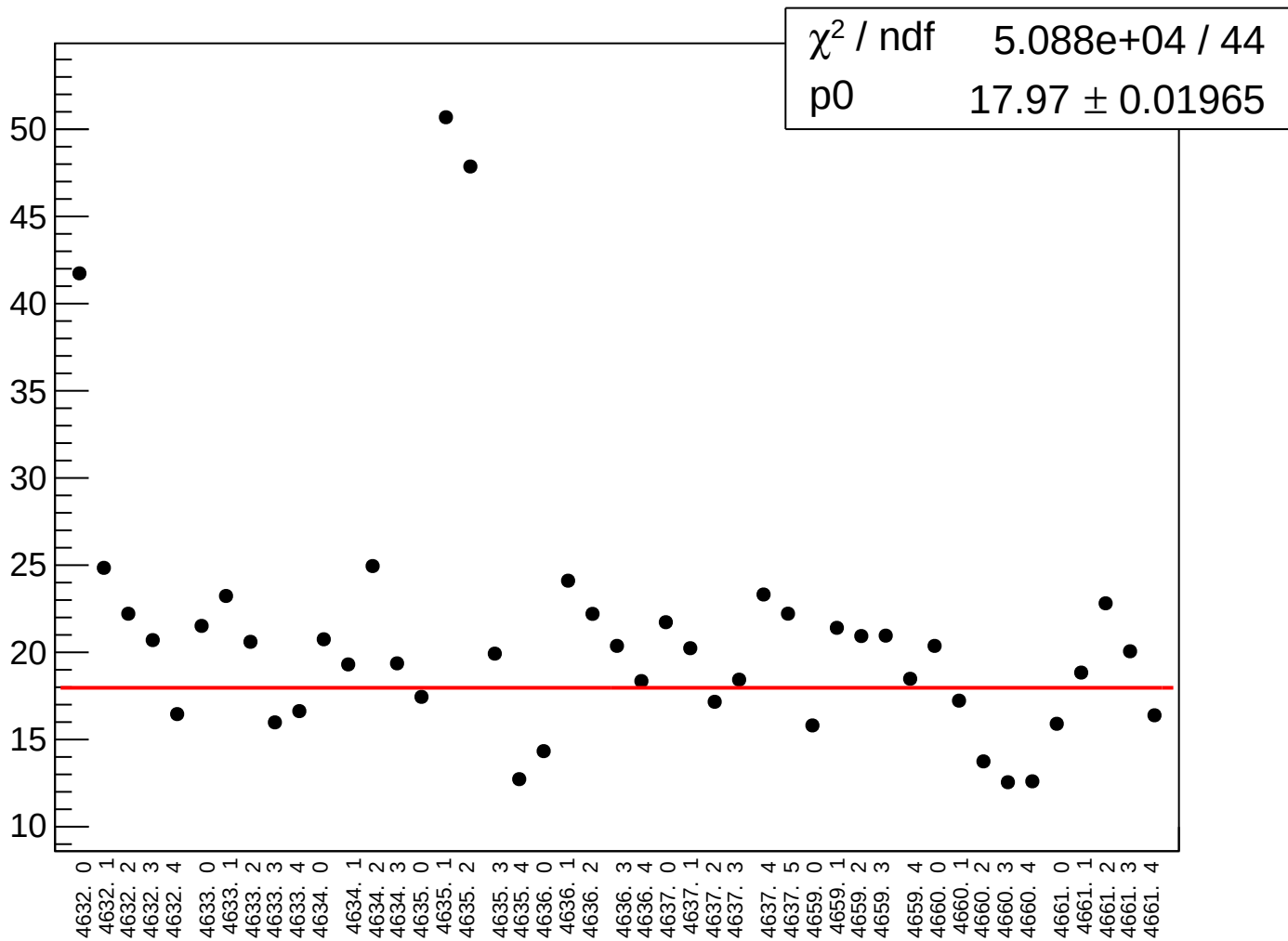
asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs run



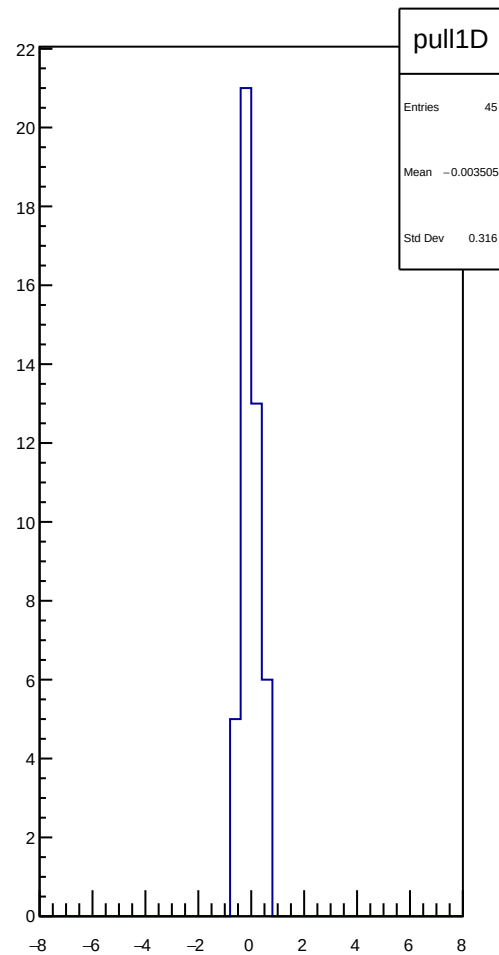
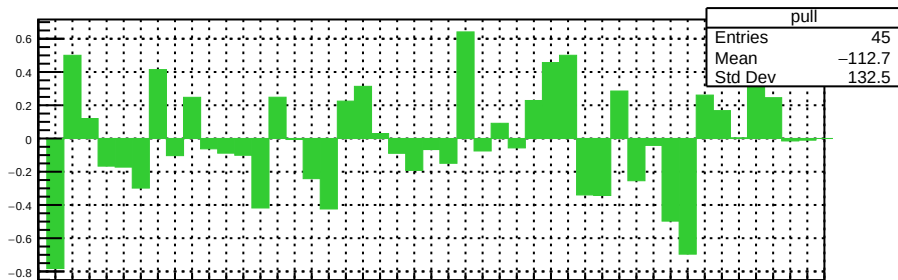
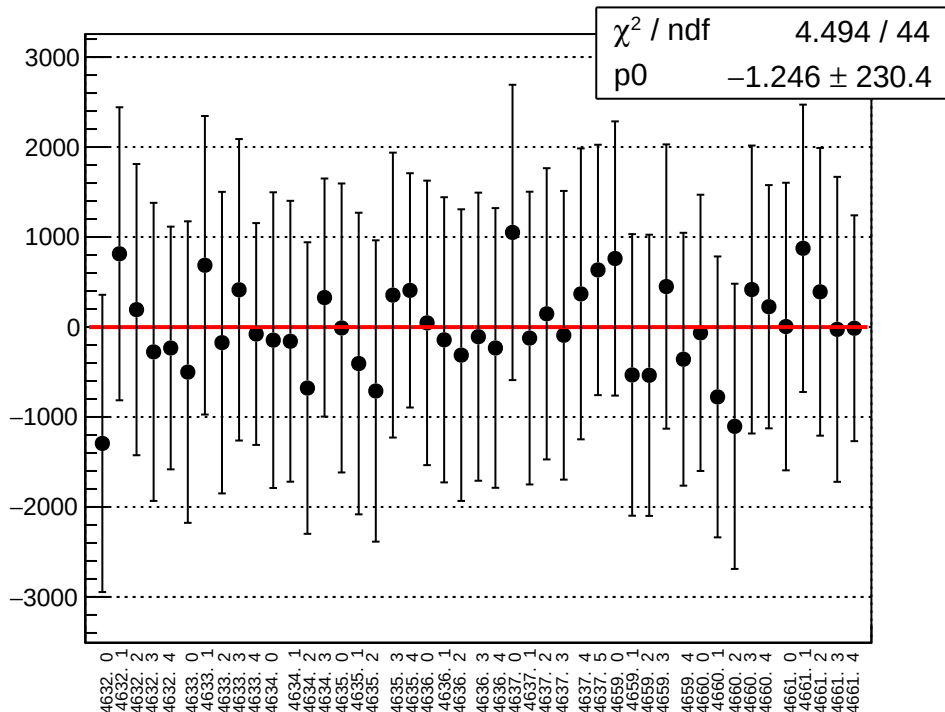
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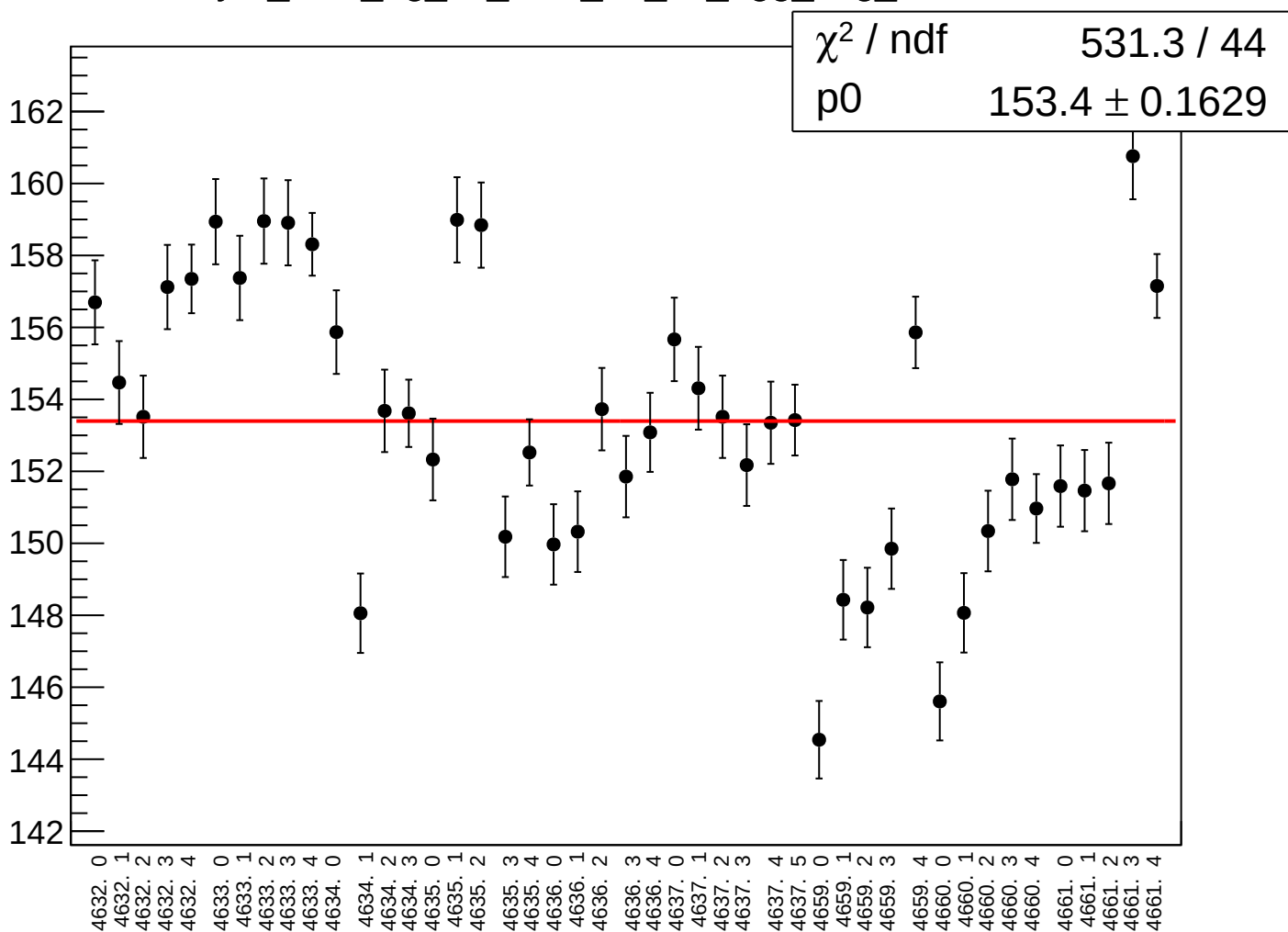
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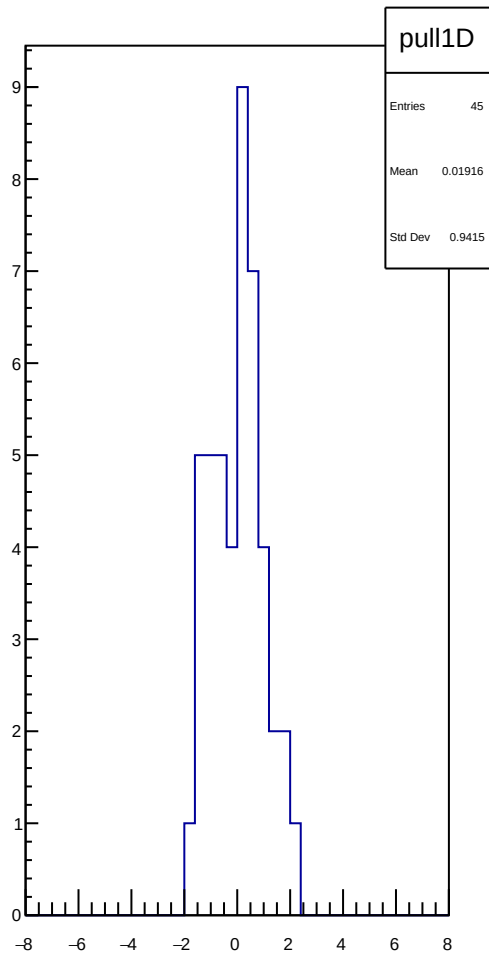
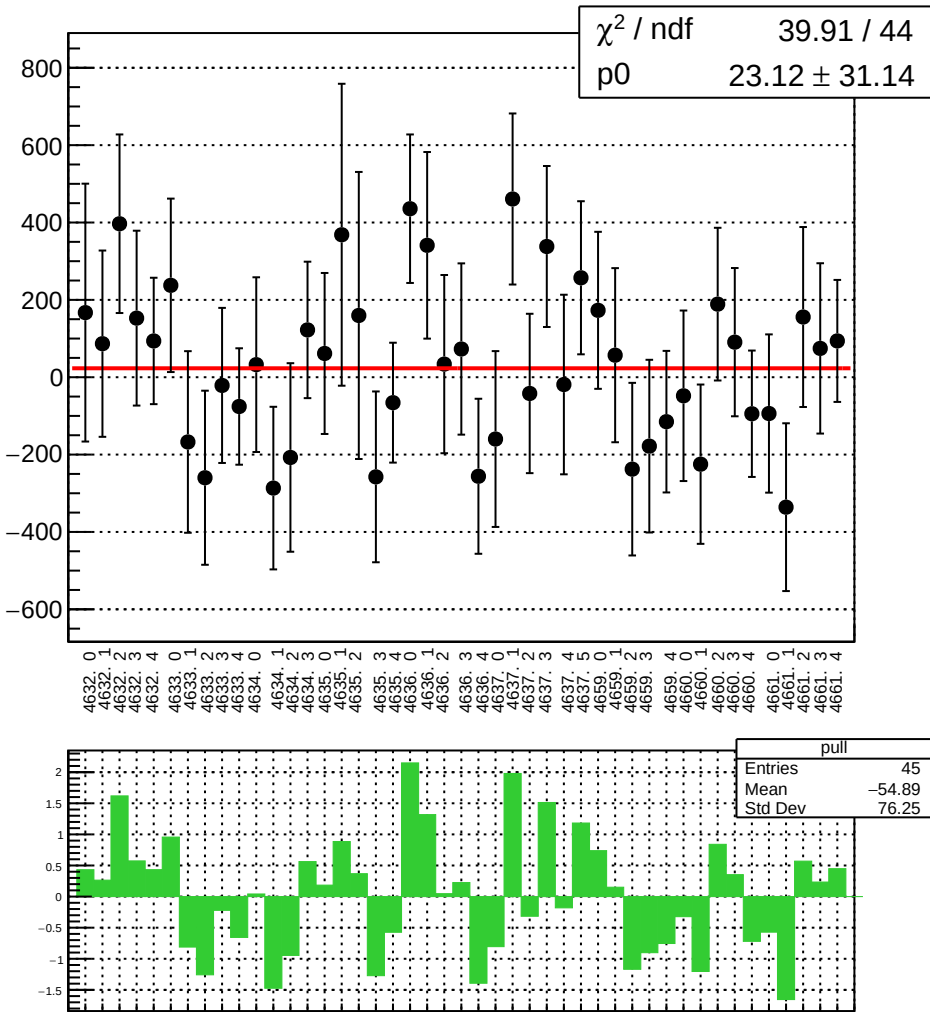
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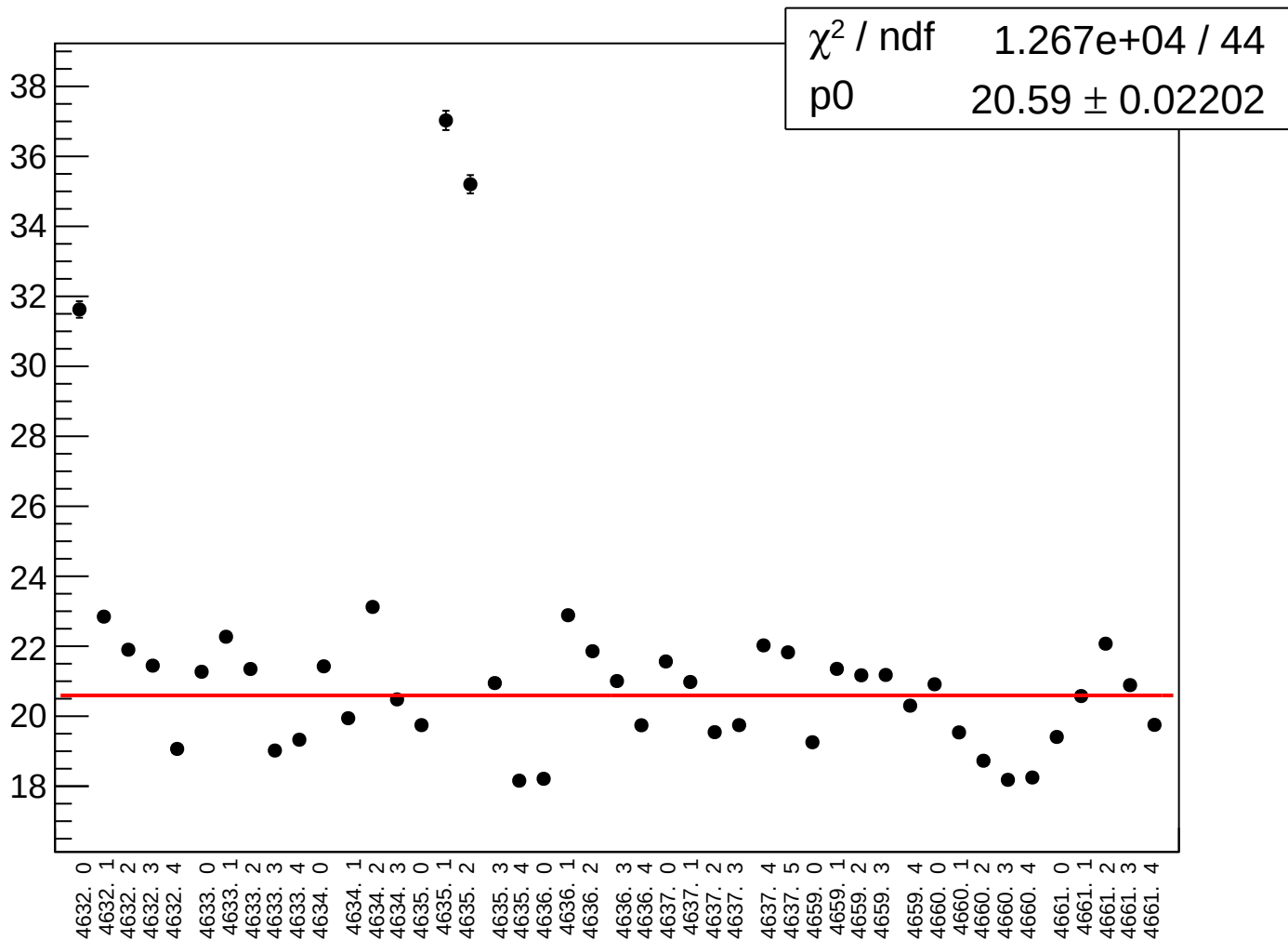
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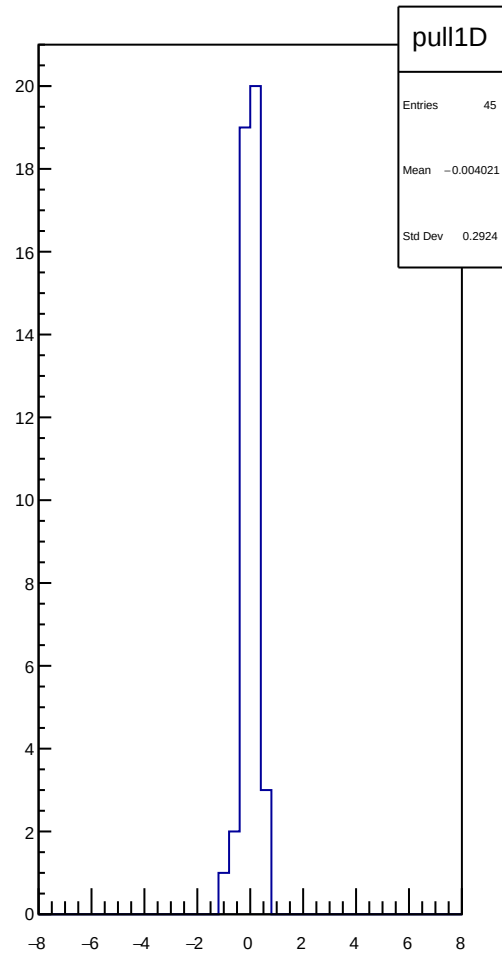
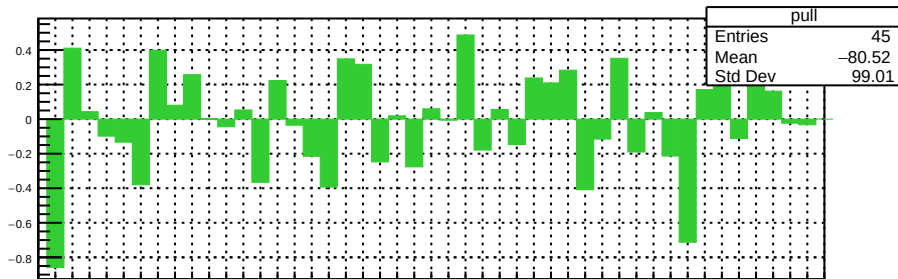
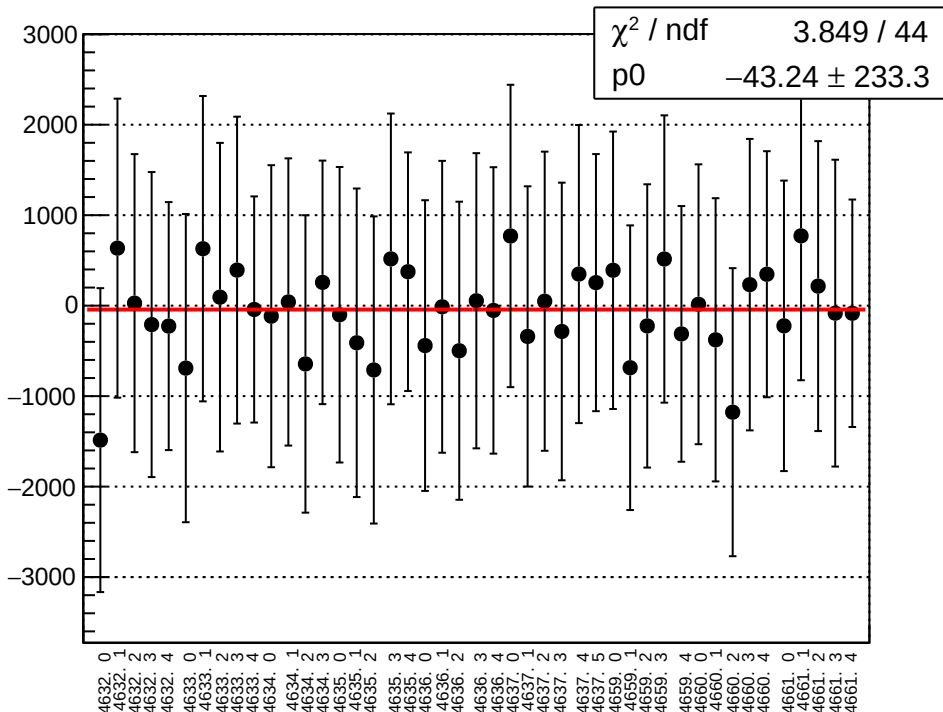
asym bcm dg us bcm an ds agg dd mean vs run



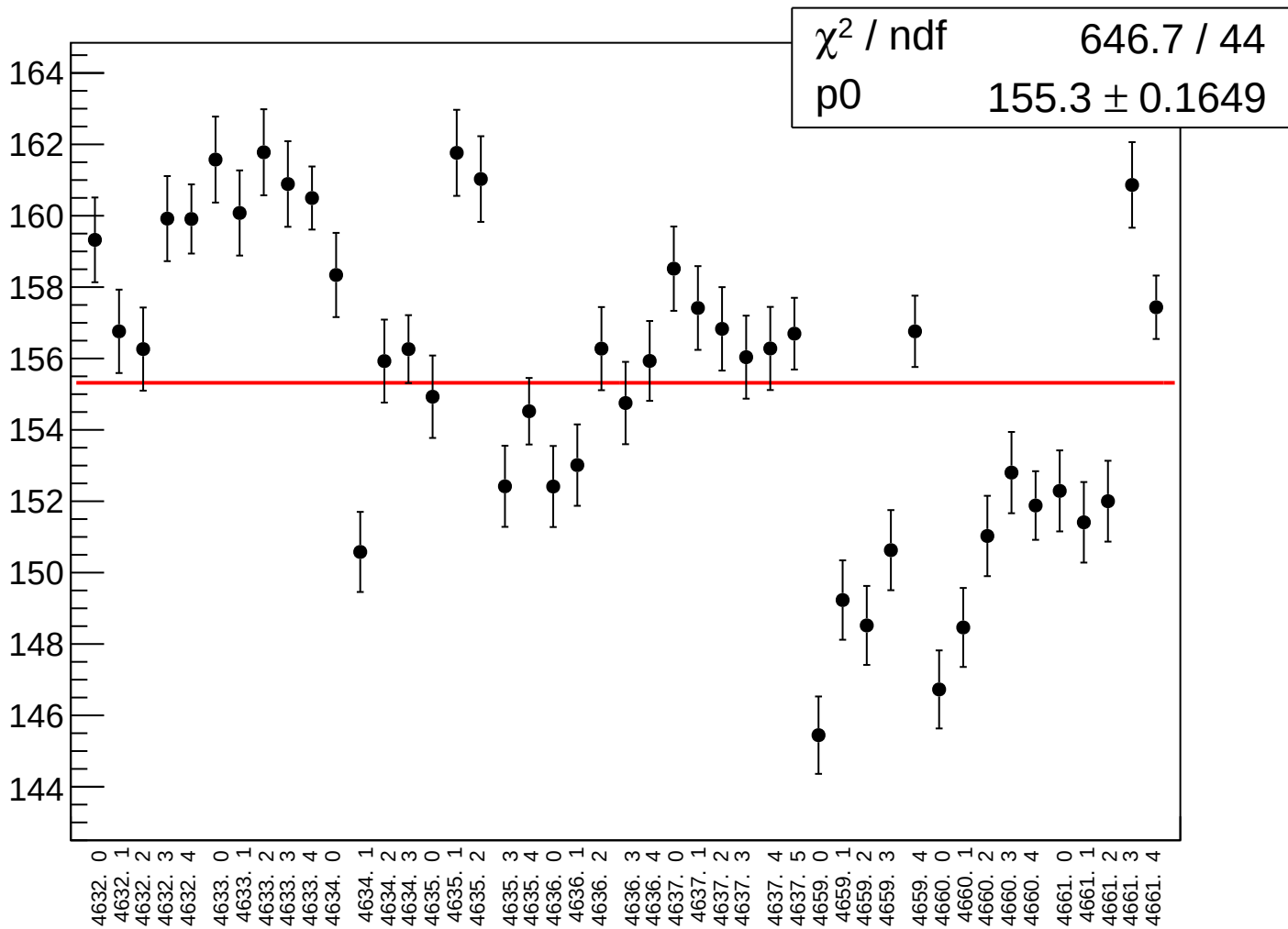
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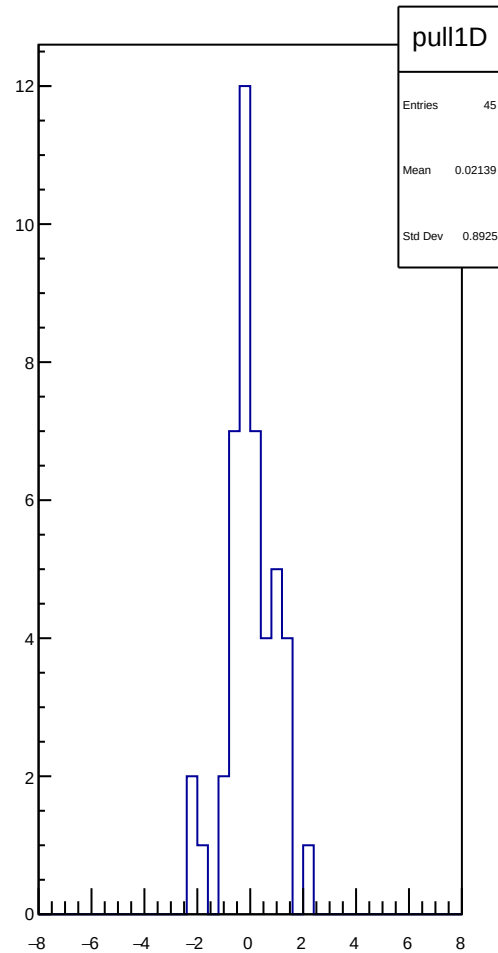
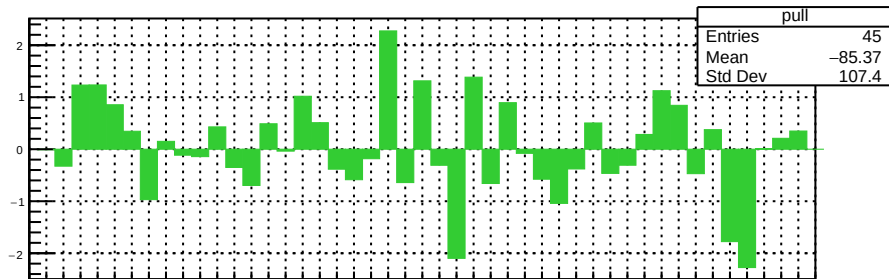
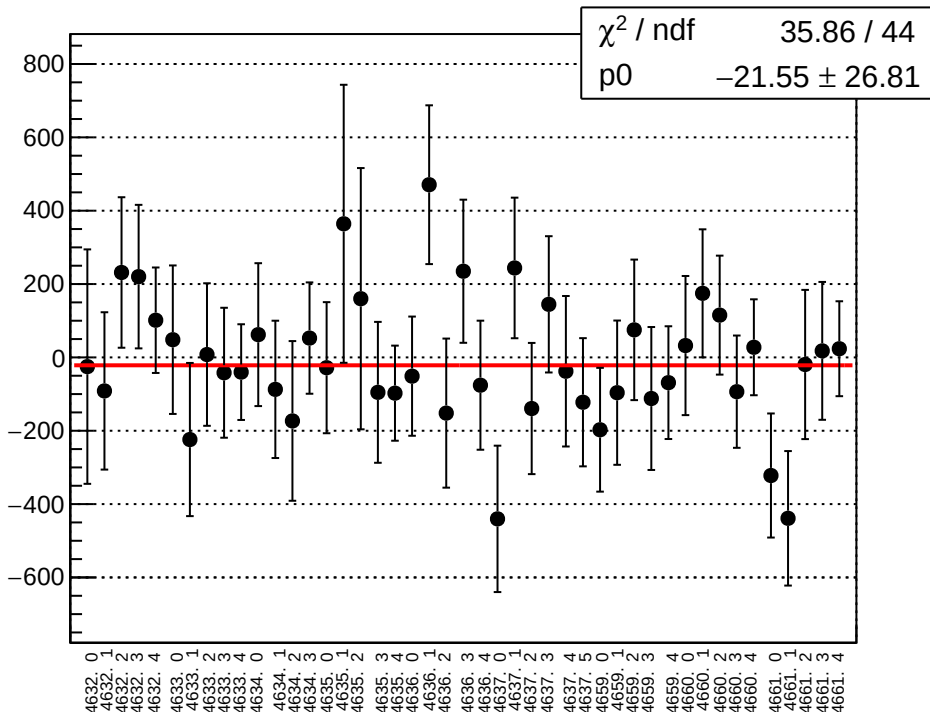
asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs run



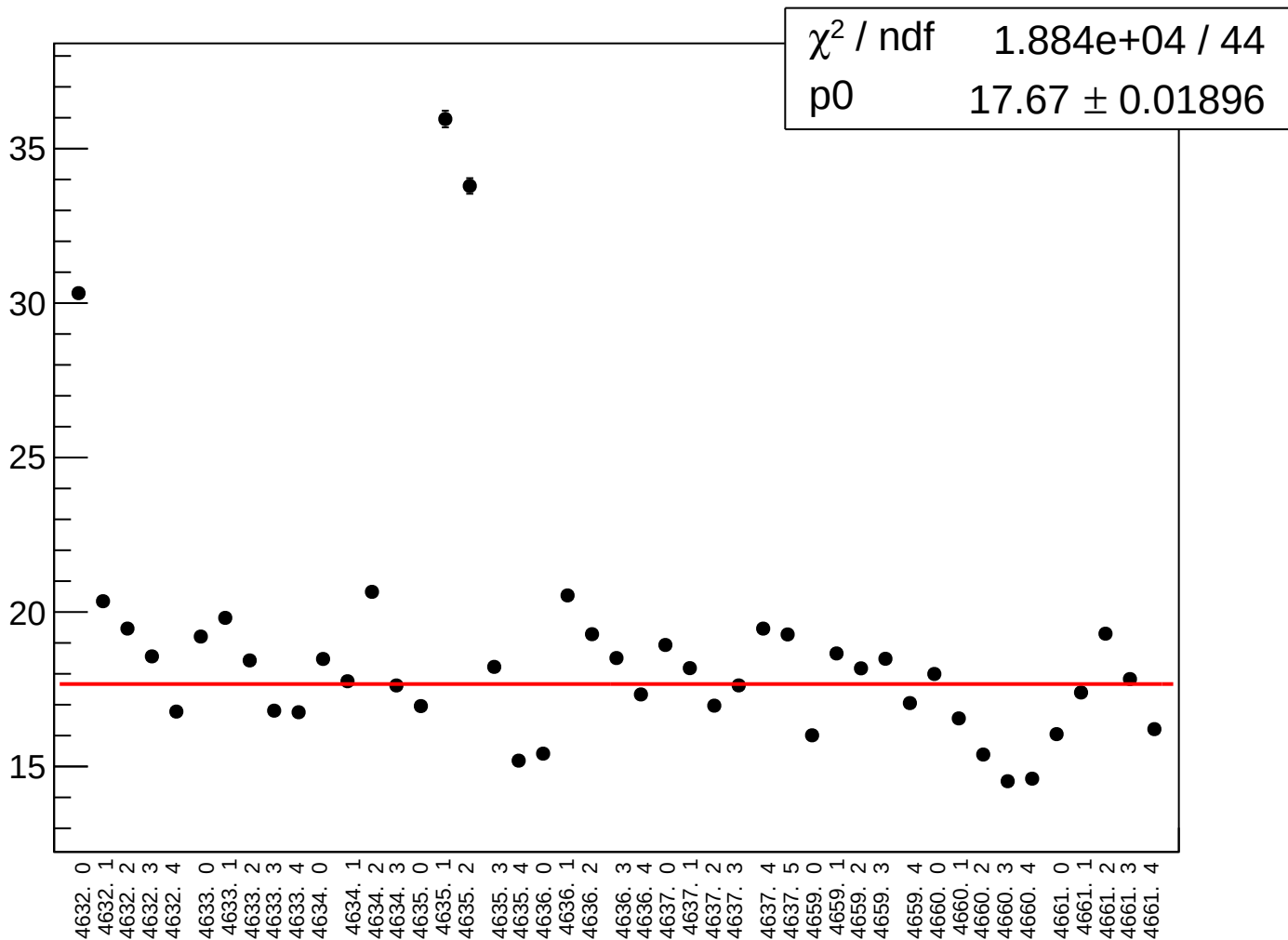
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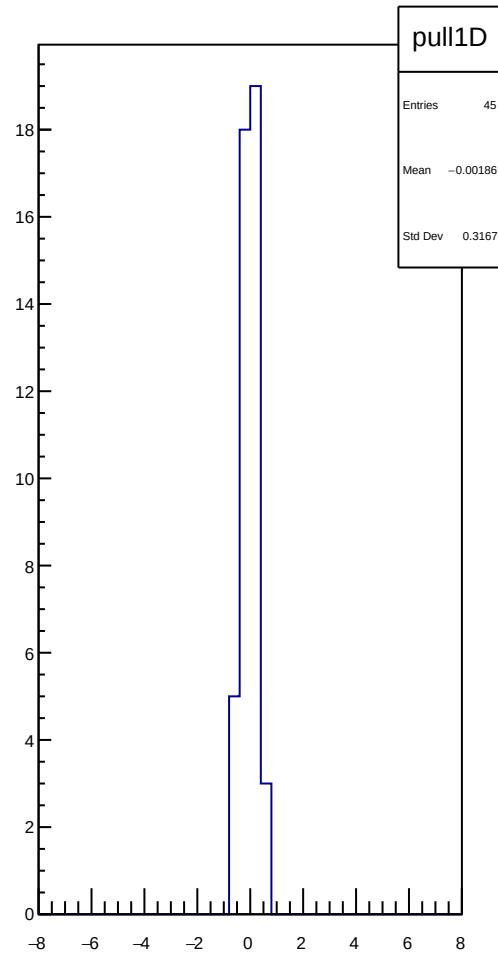
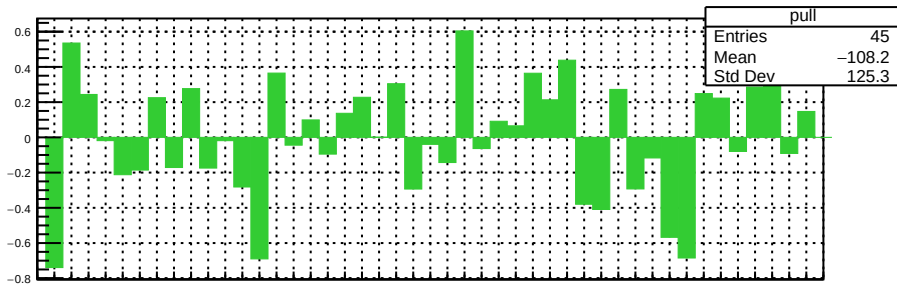
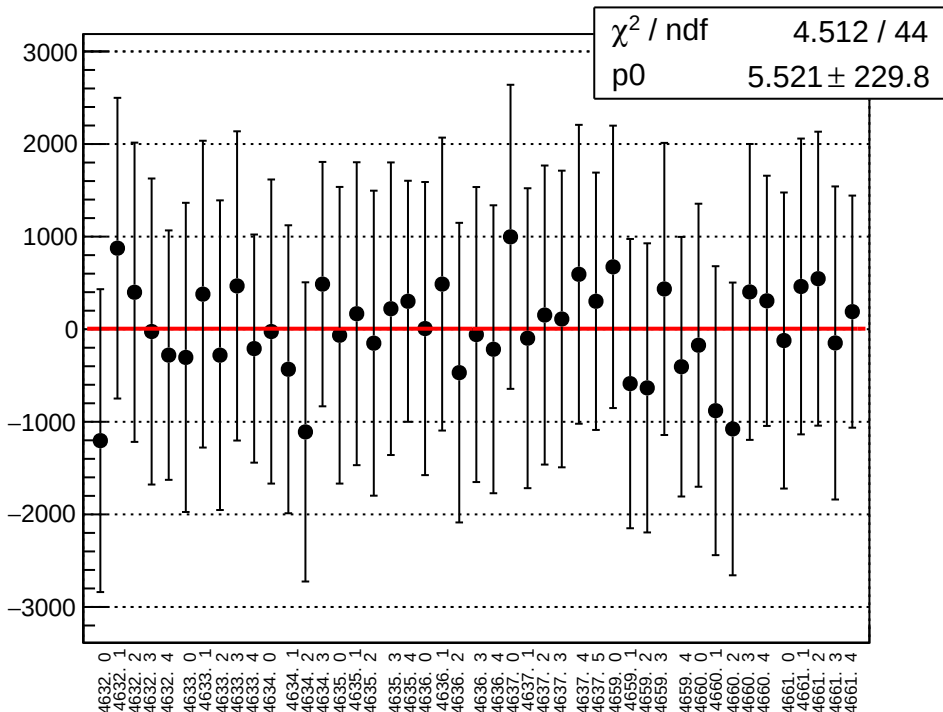
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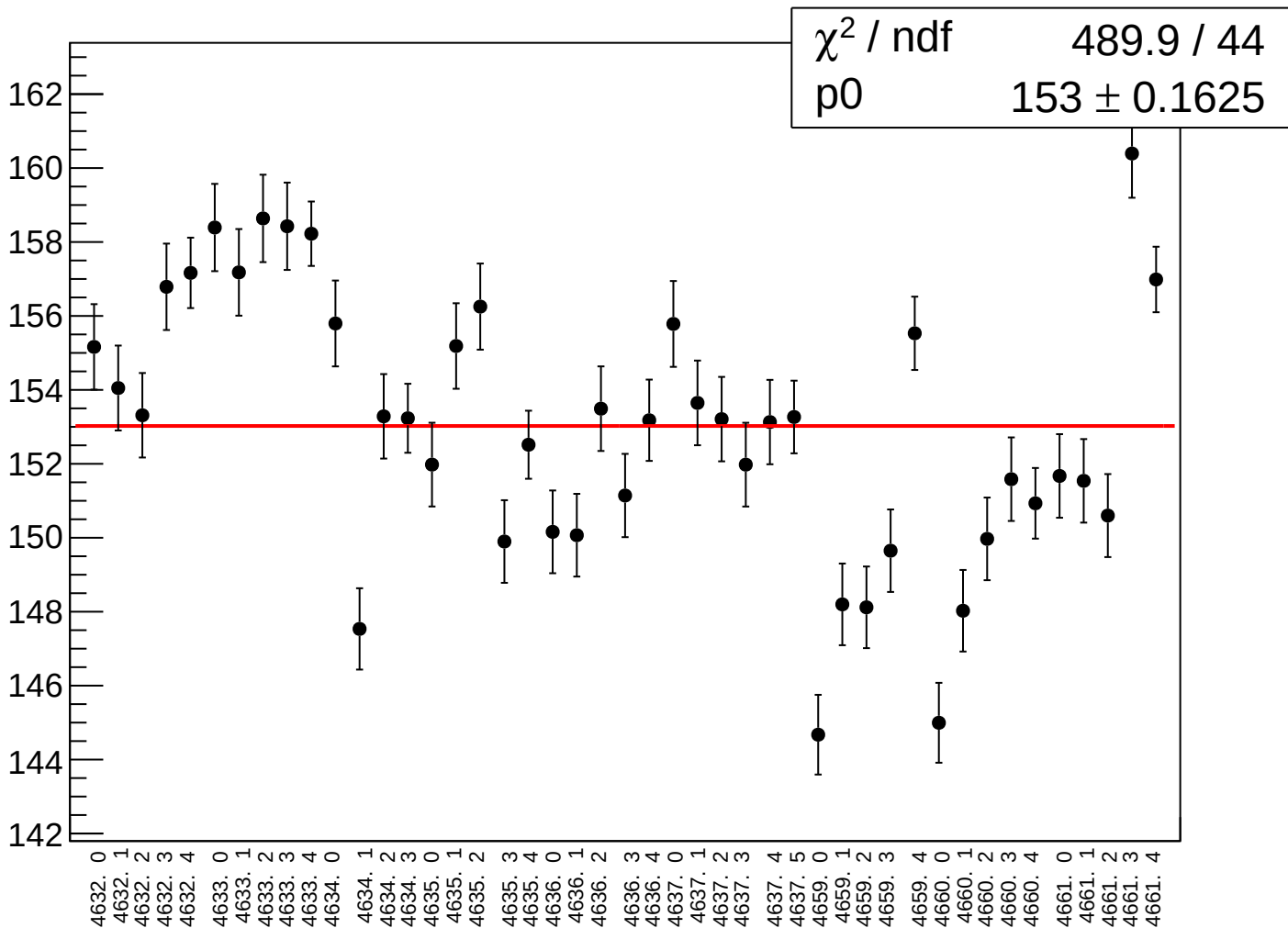
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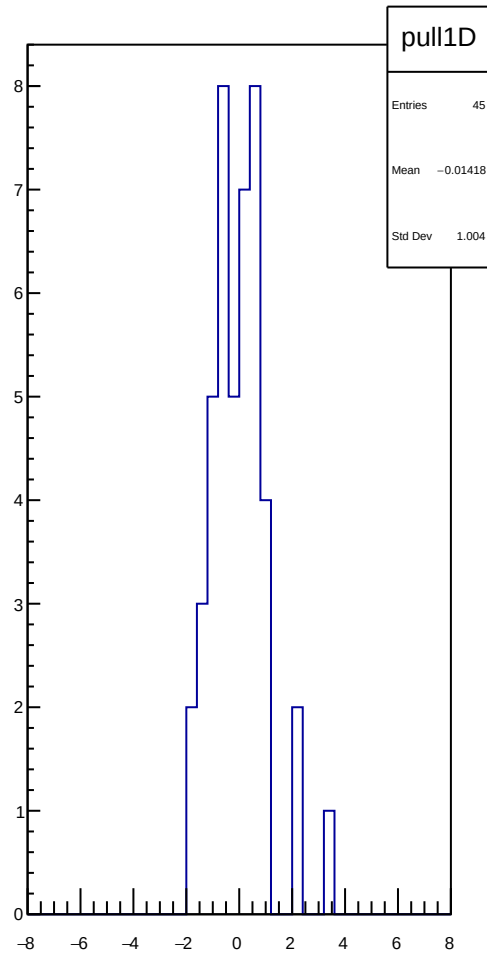
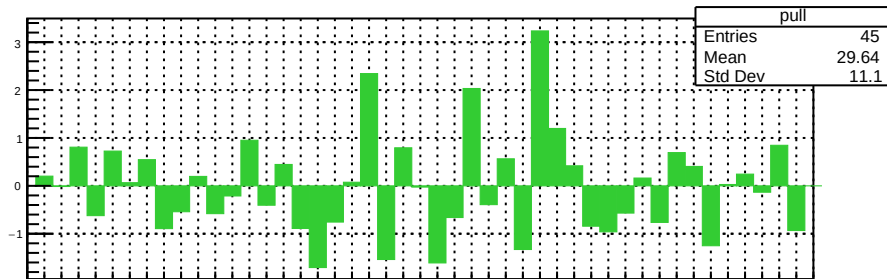
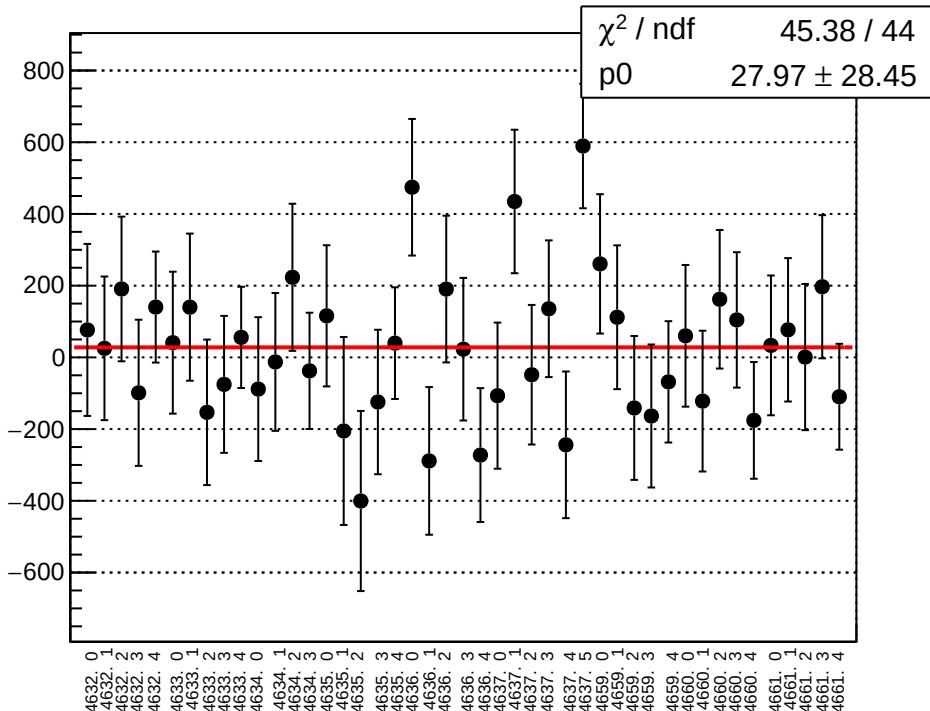
asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs run



asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs run



asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs run



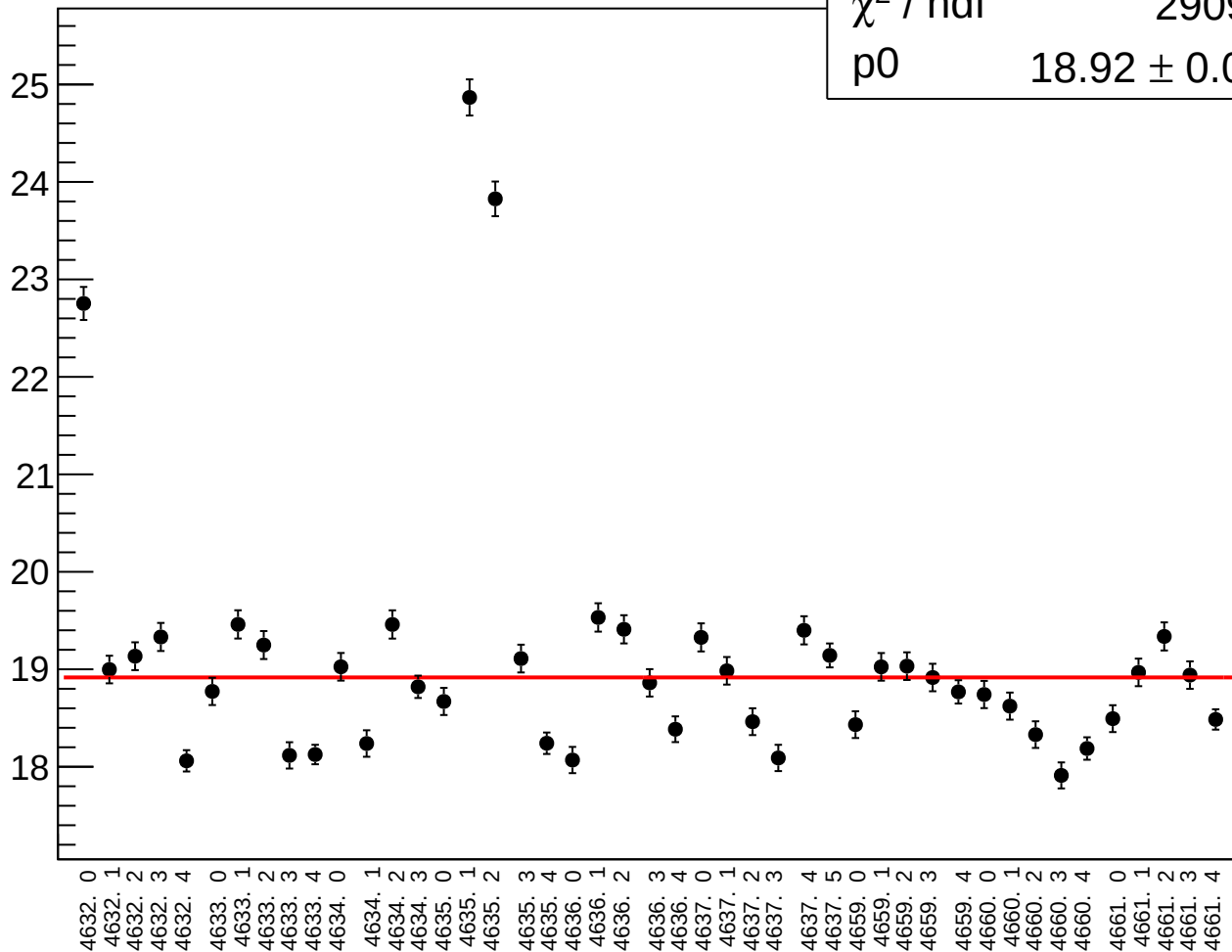
asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs run

χ^2 / ndf

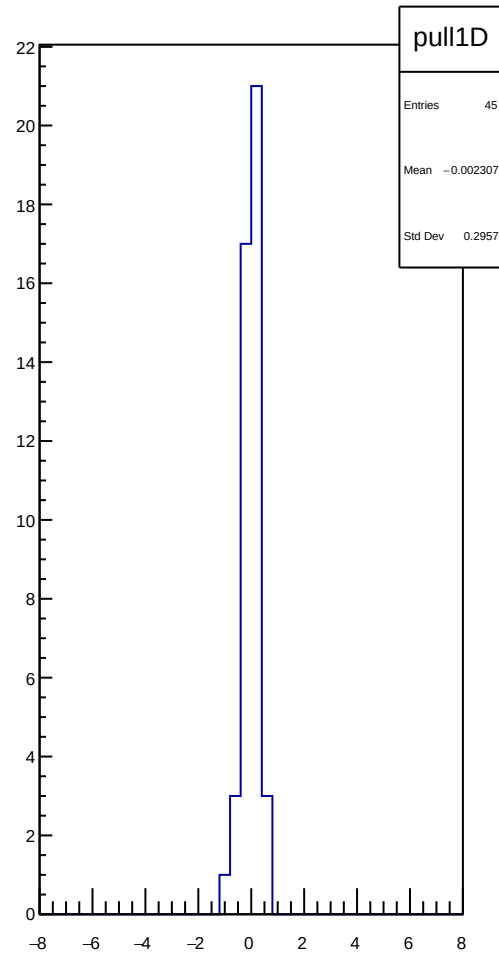
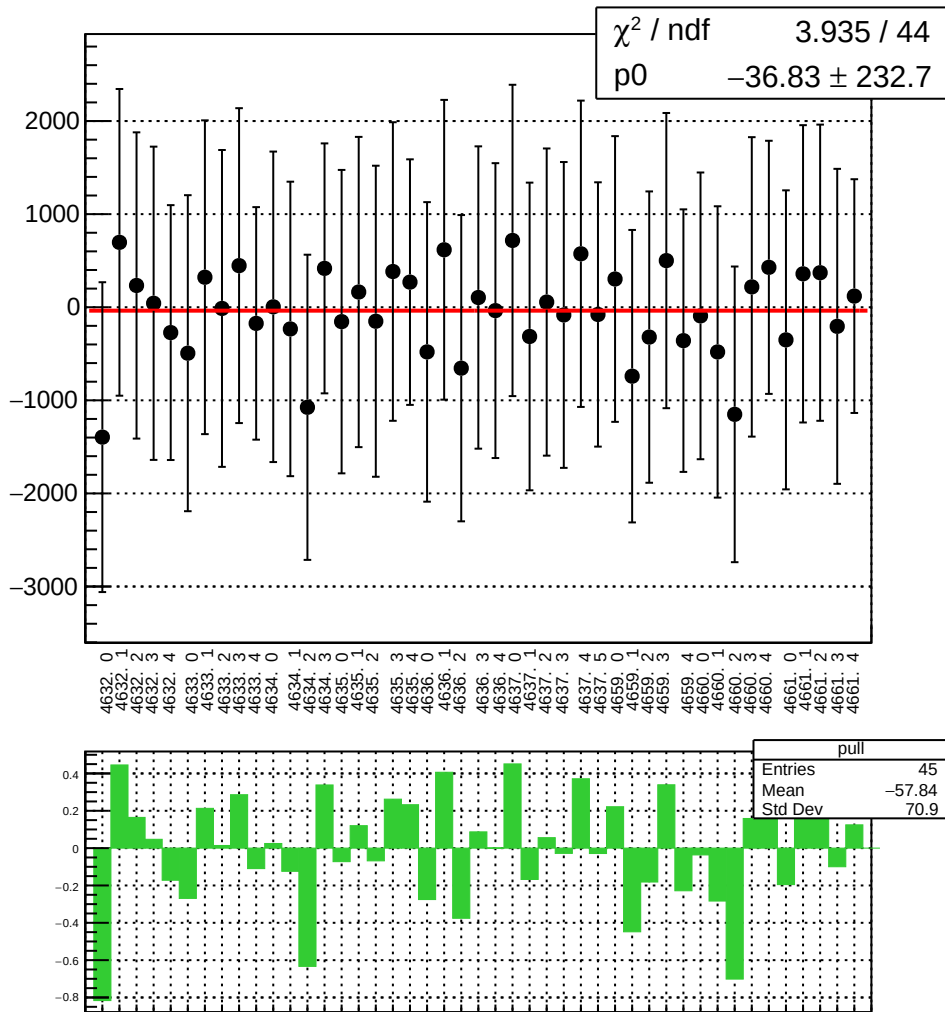
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p0

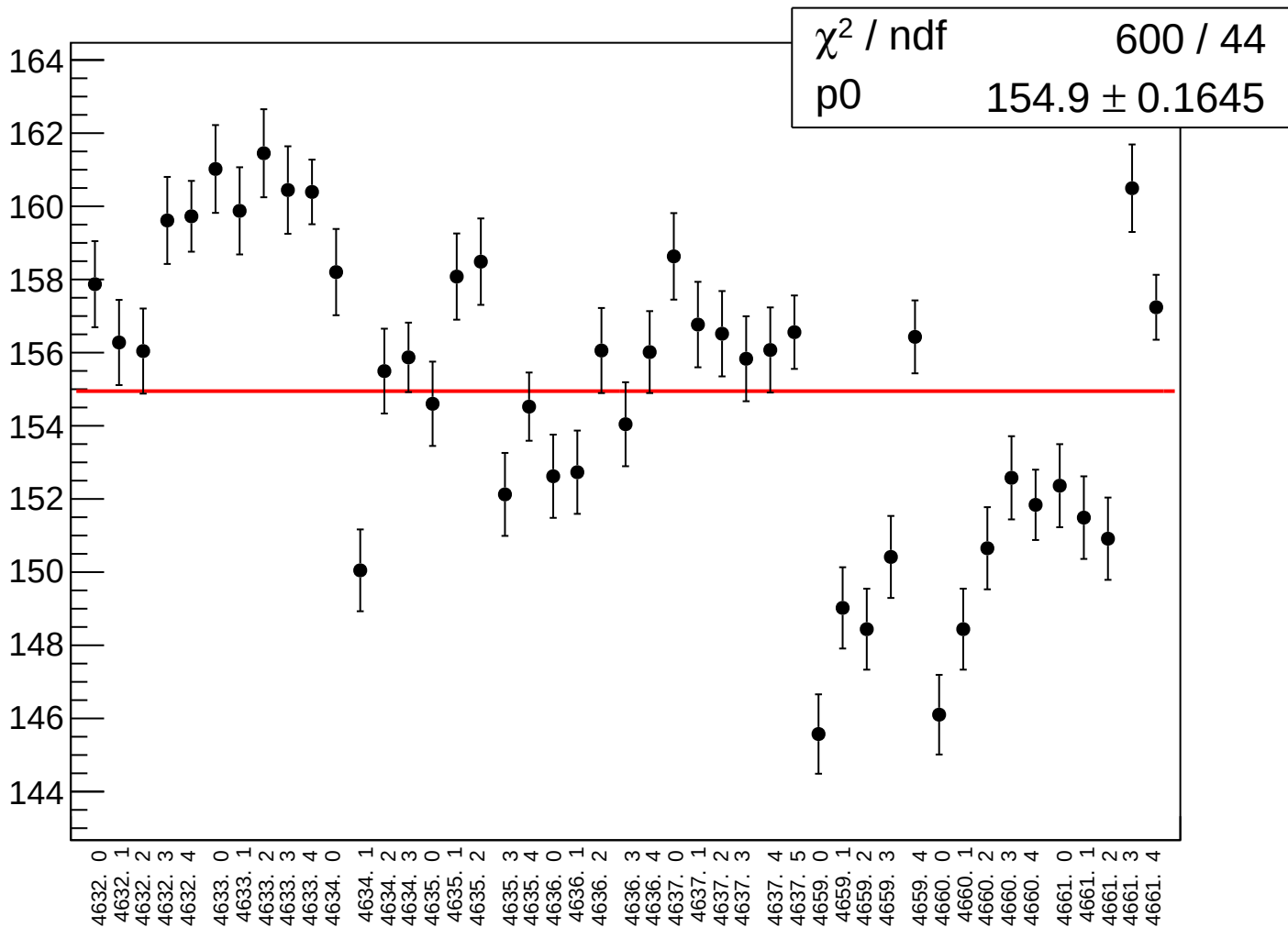
18.92 ± 0.02011



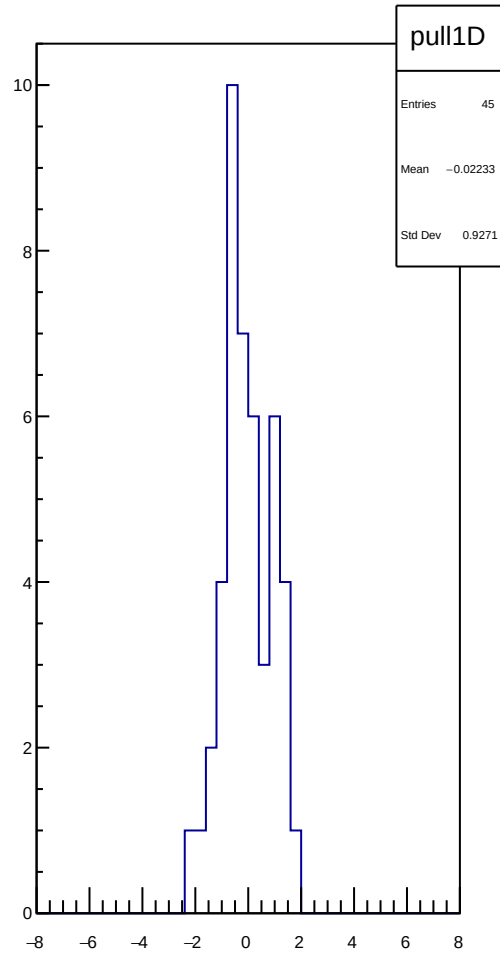
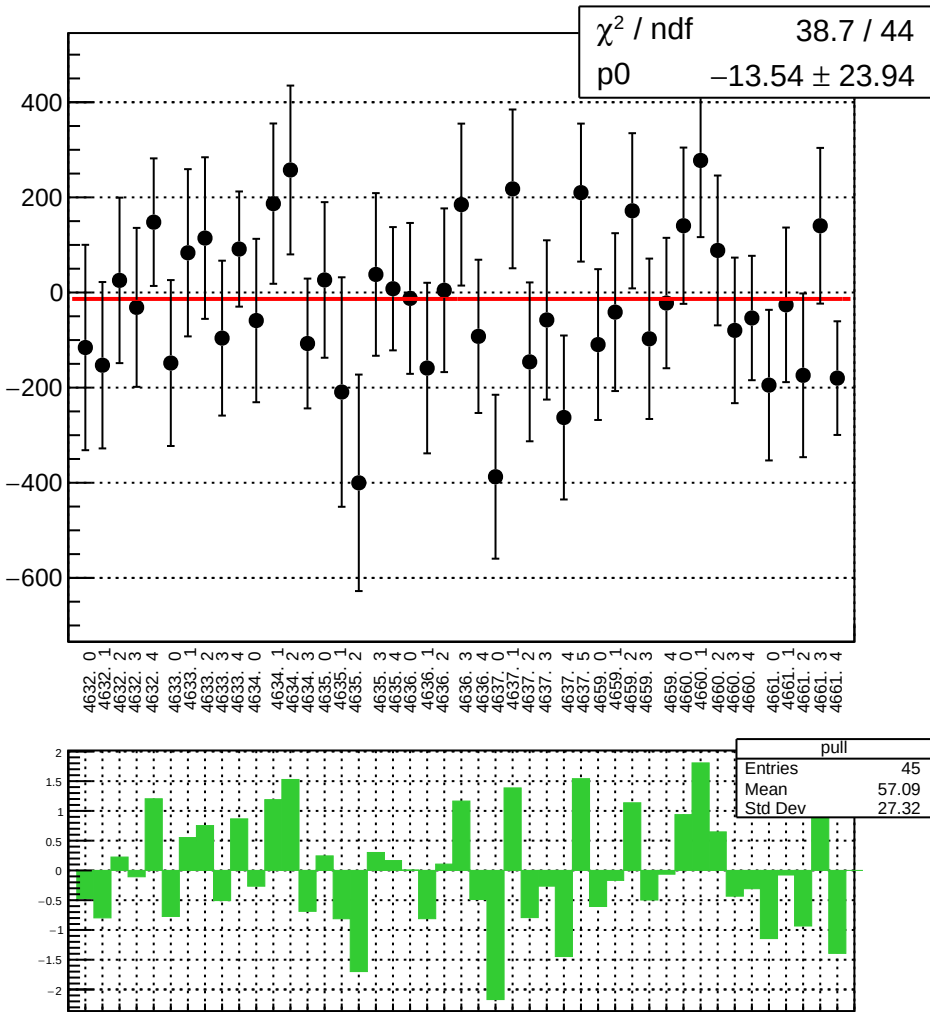
asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs run



asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs run



asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs run



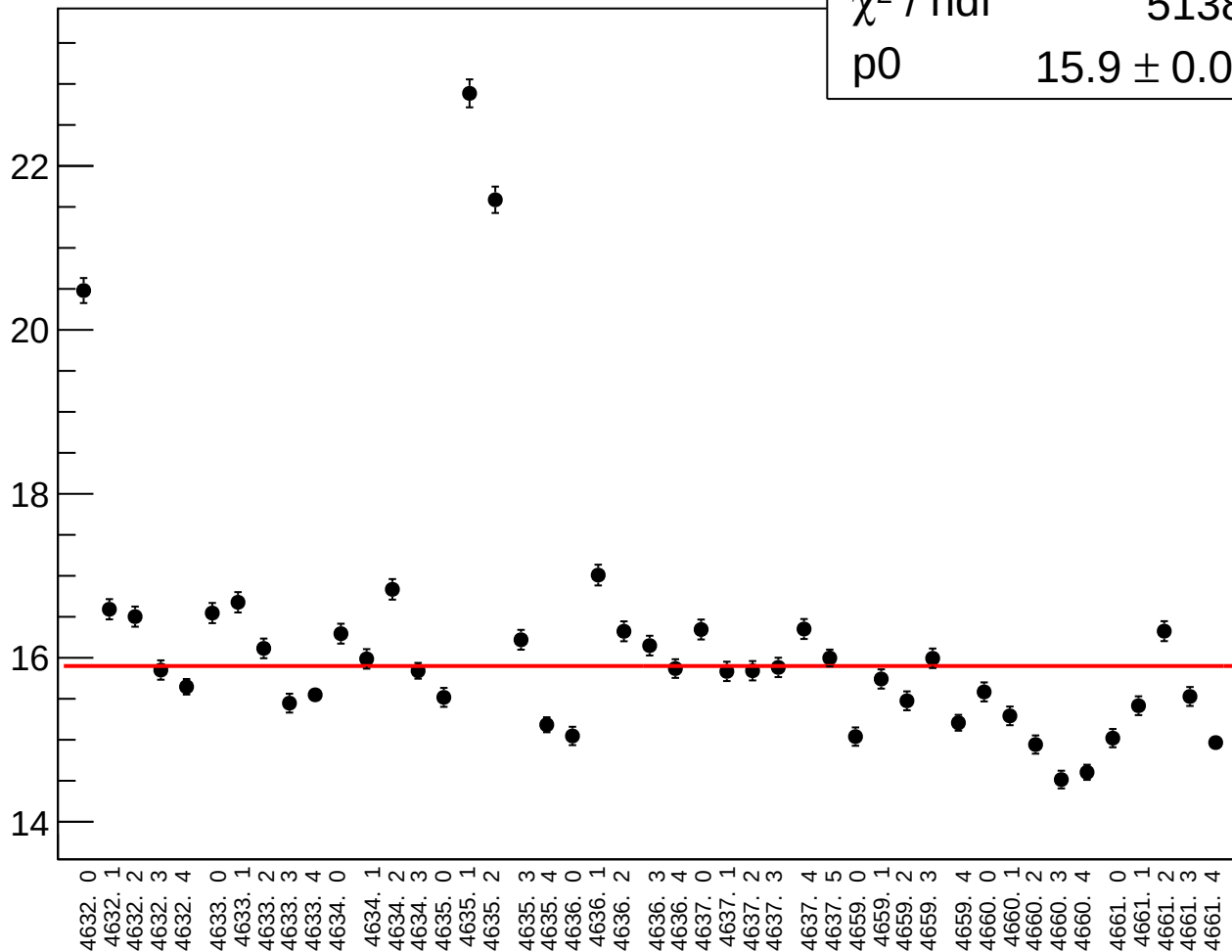
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χ^2 / ndf

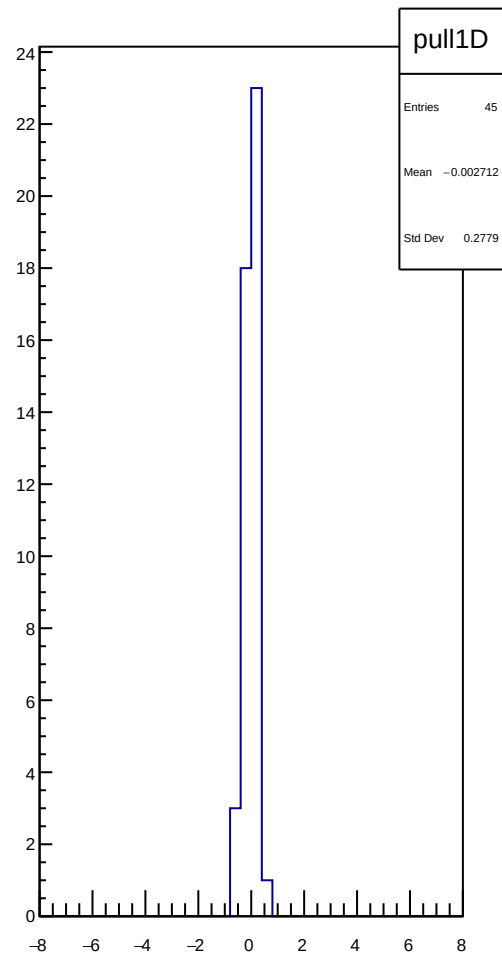
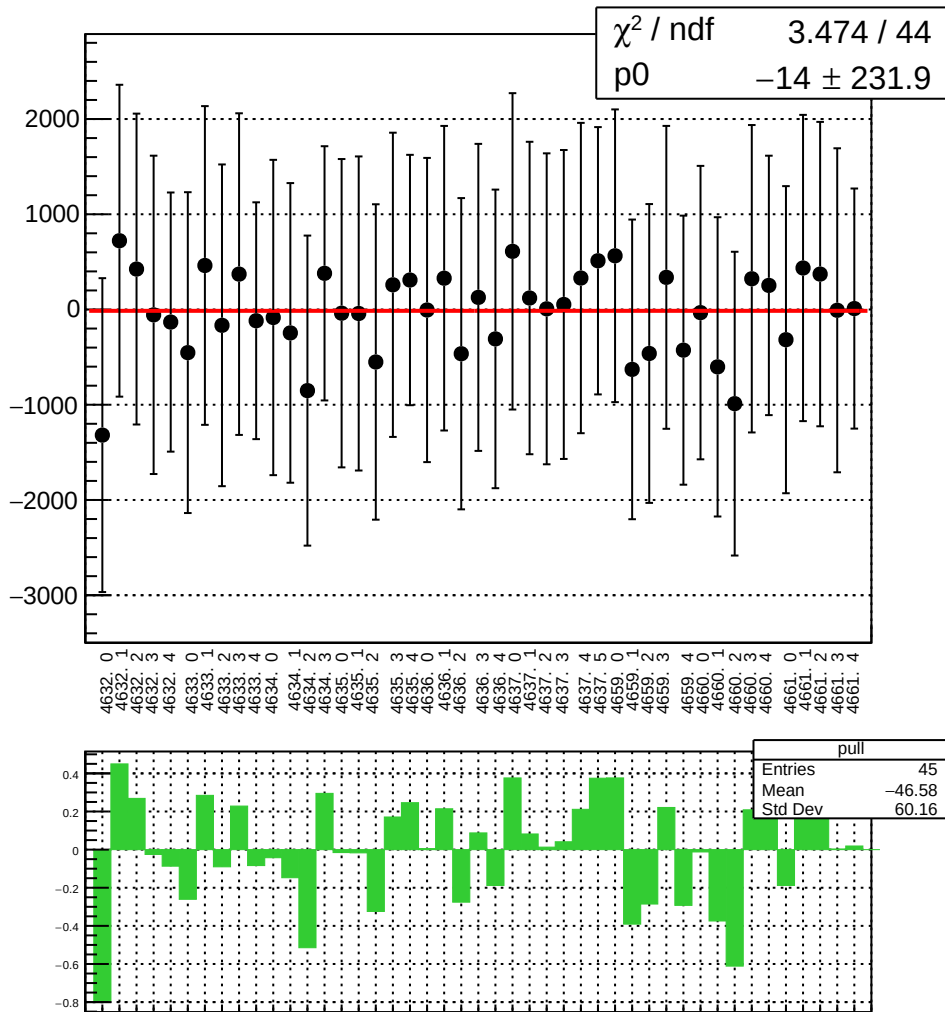
5138 / 44

p0

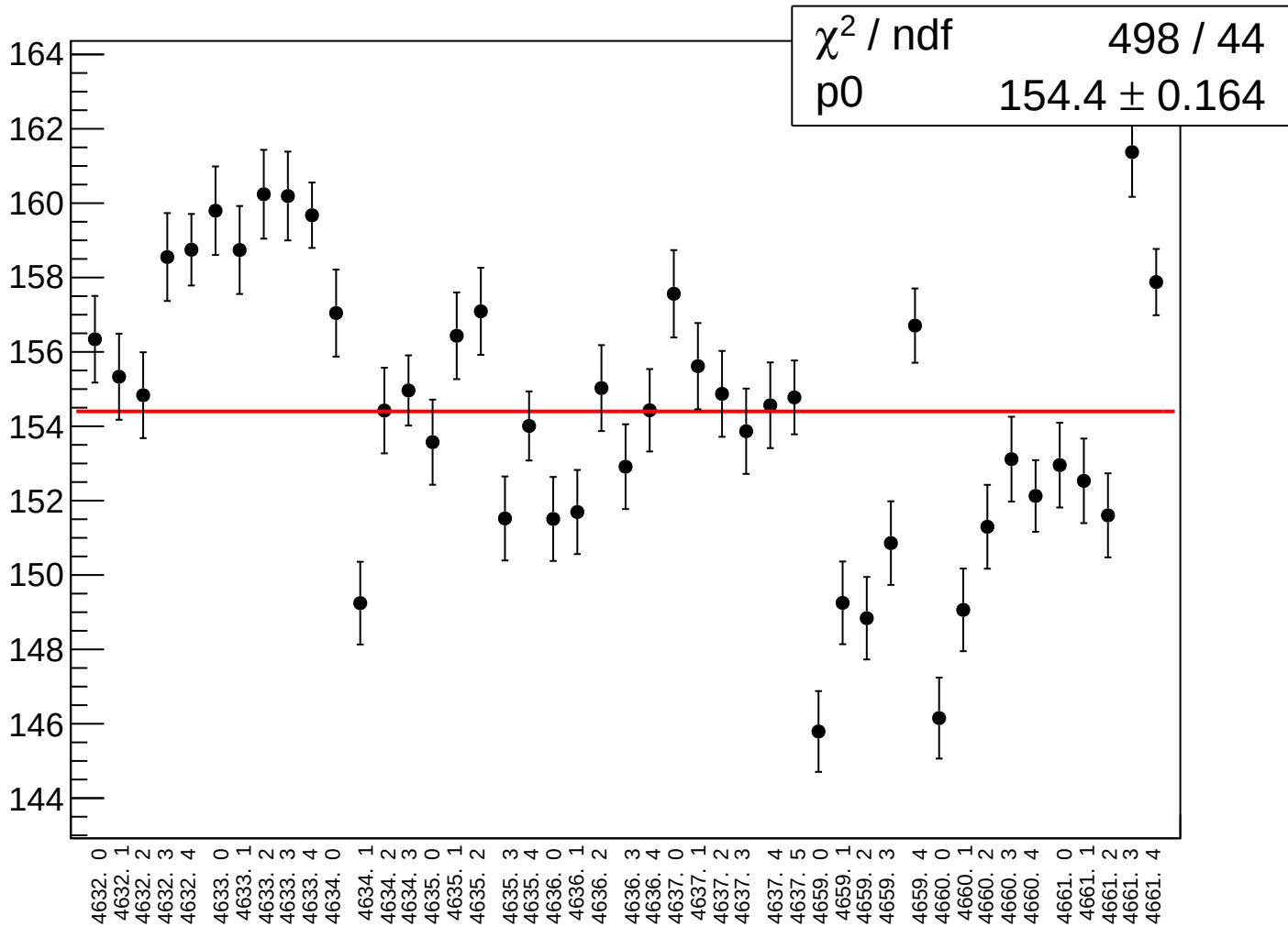
15.9 ± 0.01693



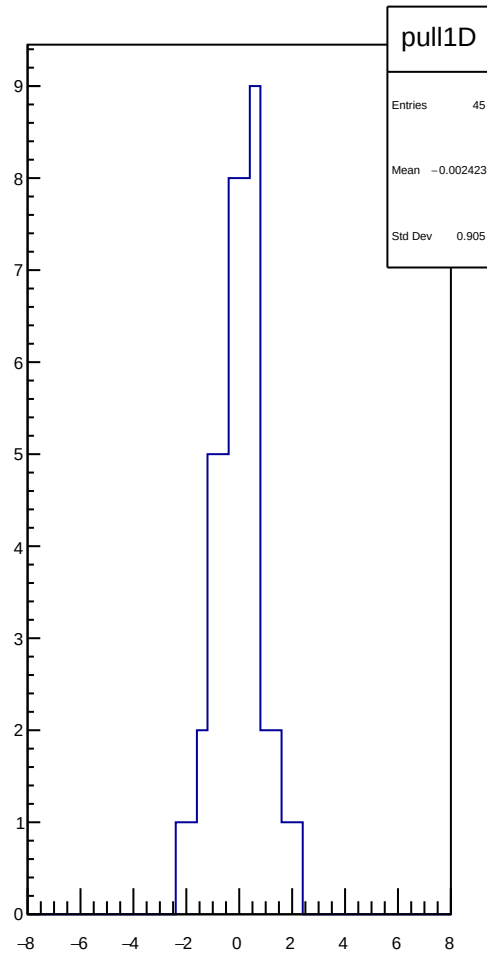
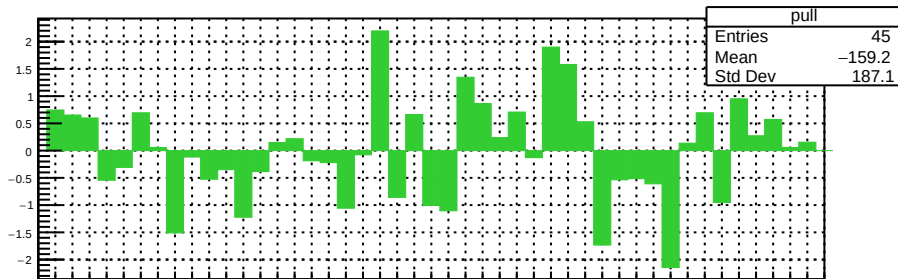
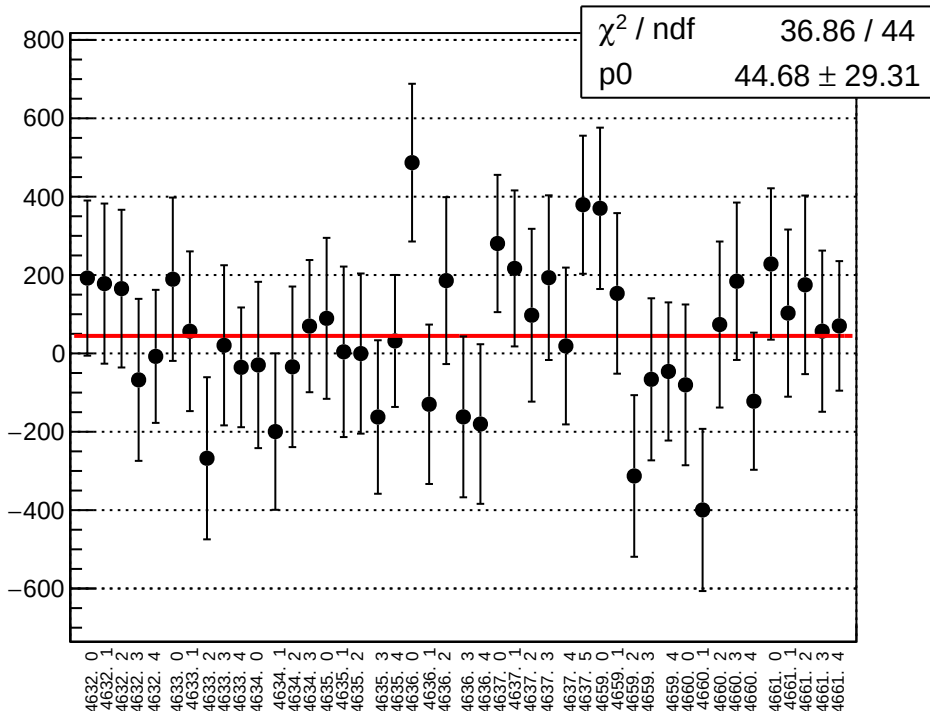
asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs run



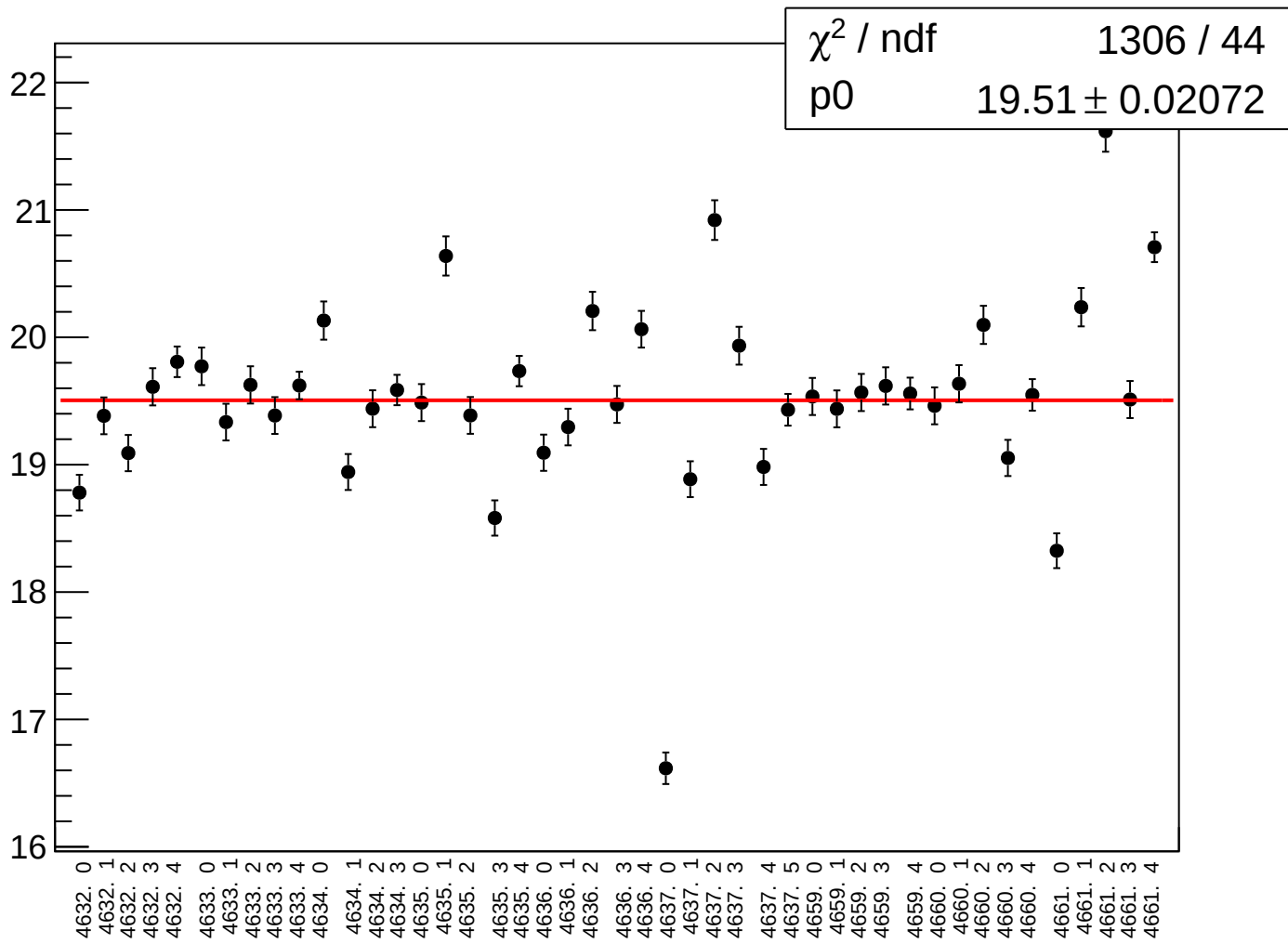
asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs run



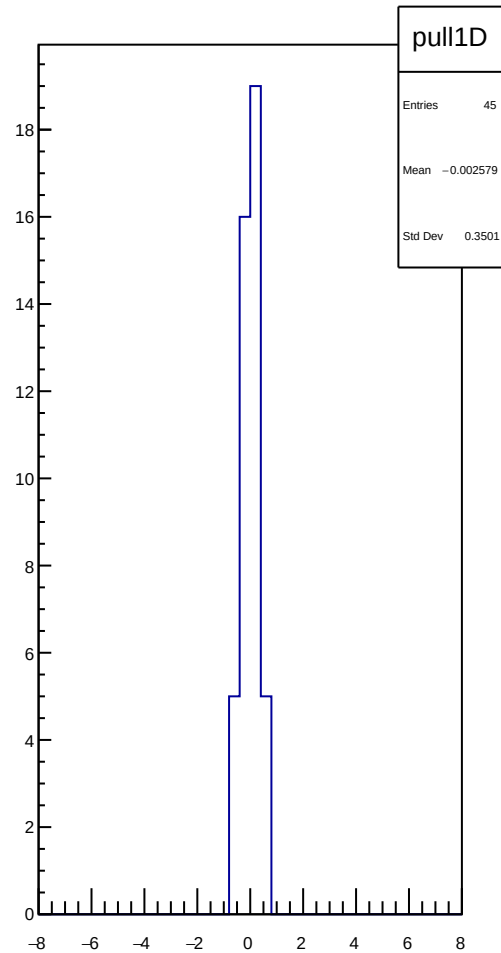
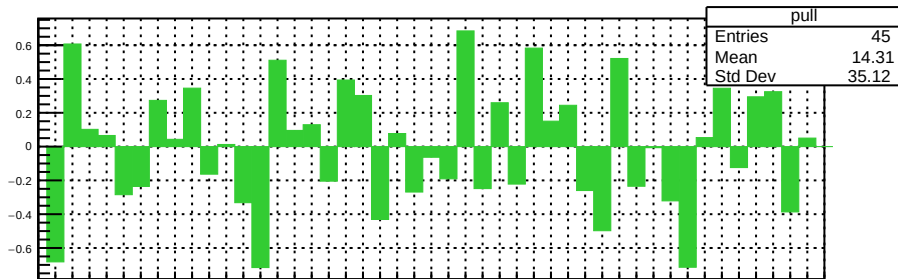
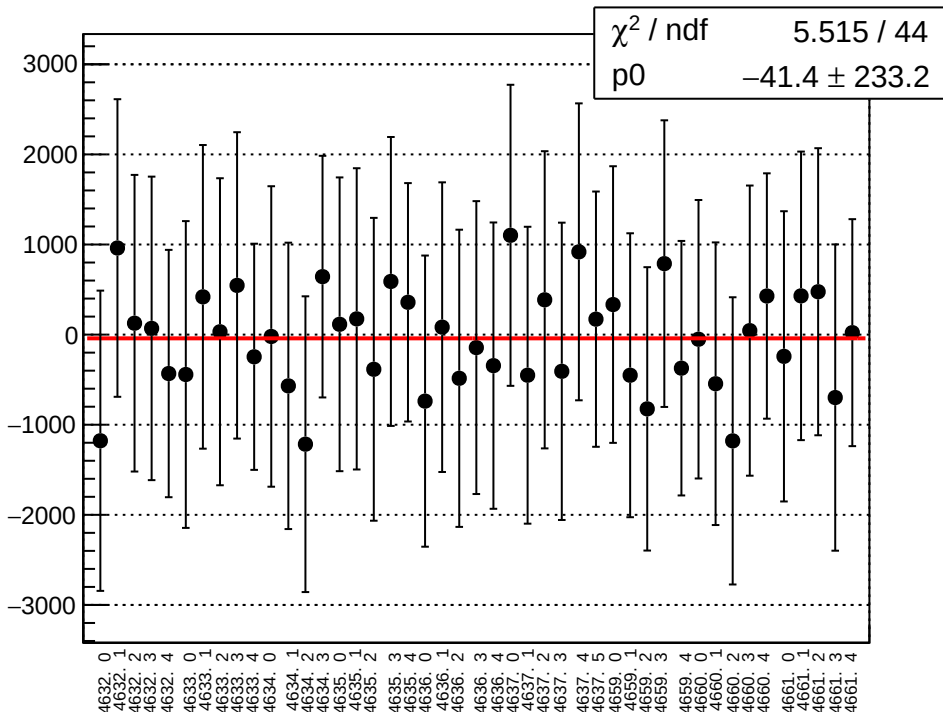
asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs run



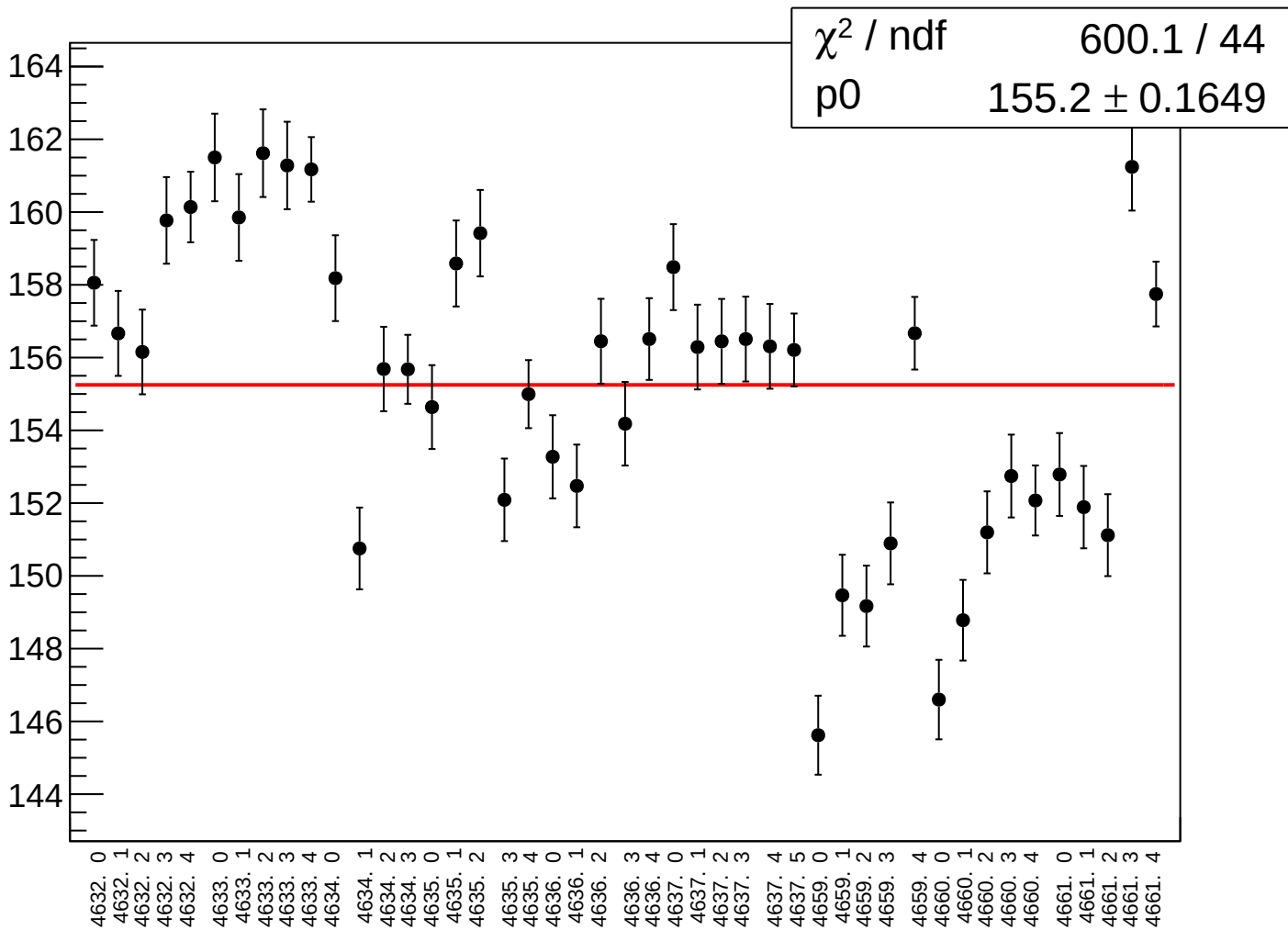
asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs run



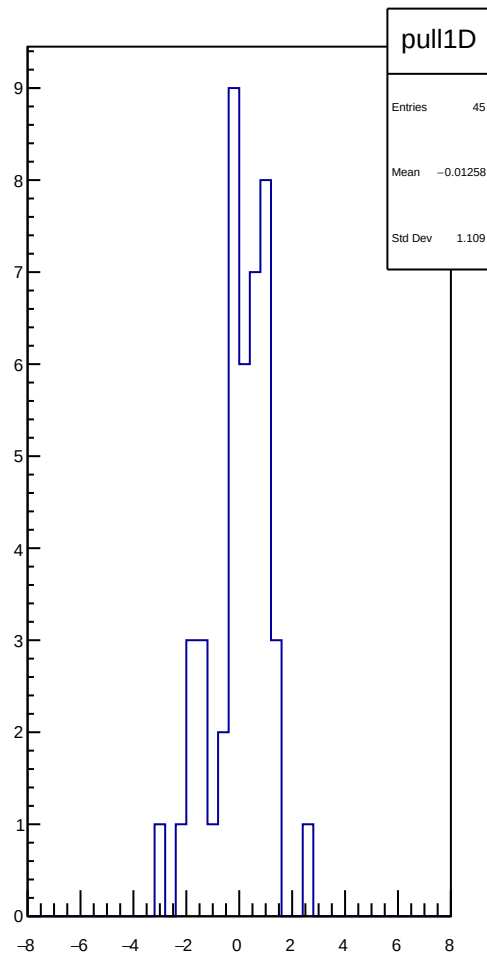
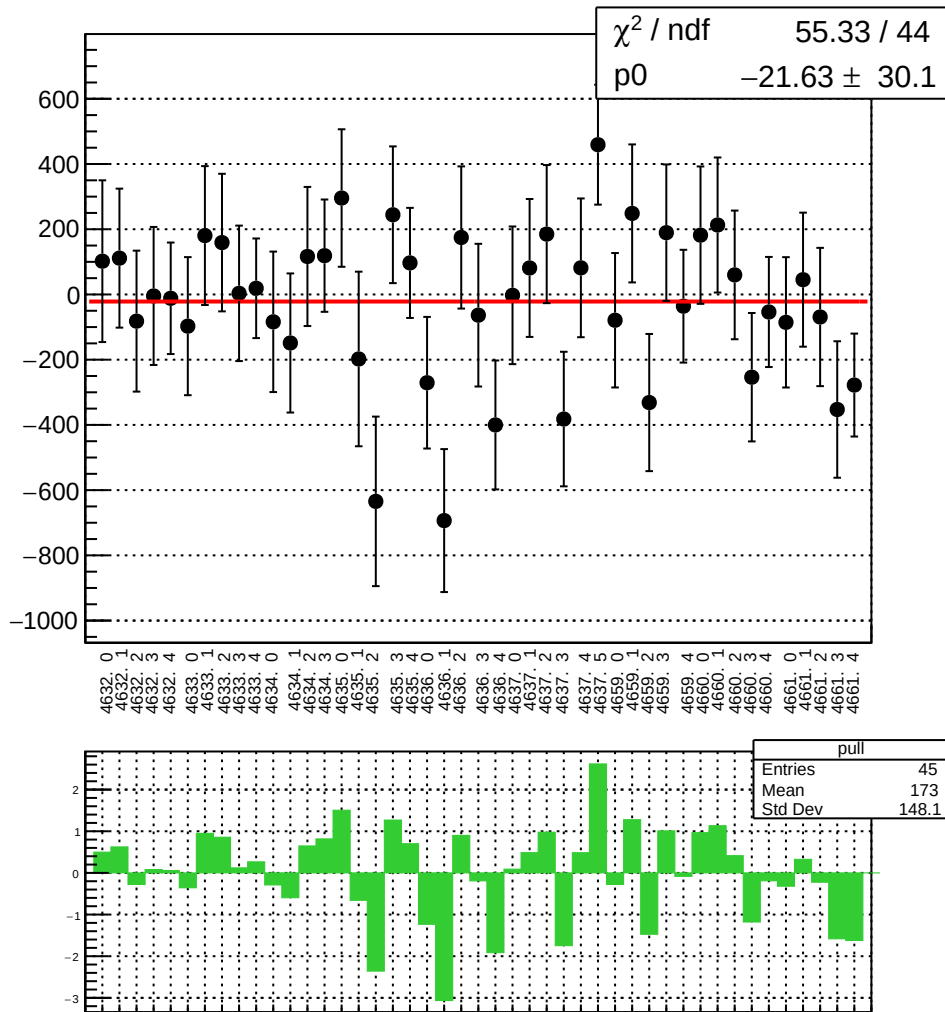
asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs run



asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs run



asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs run



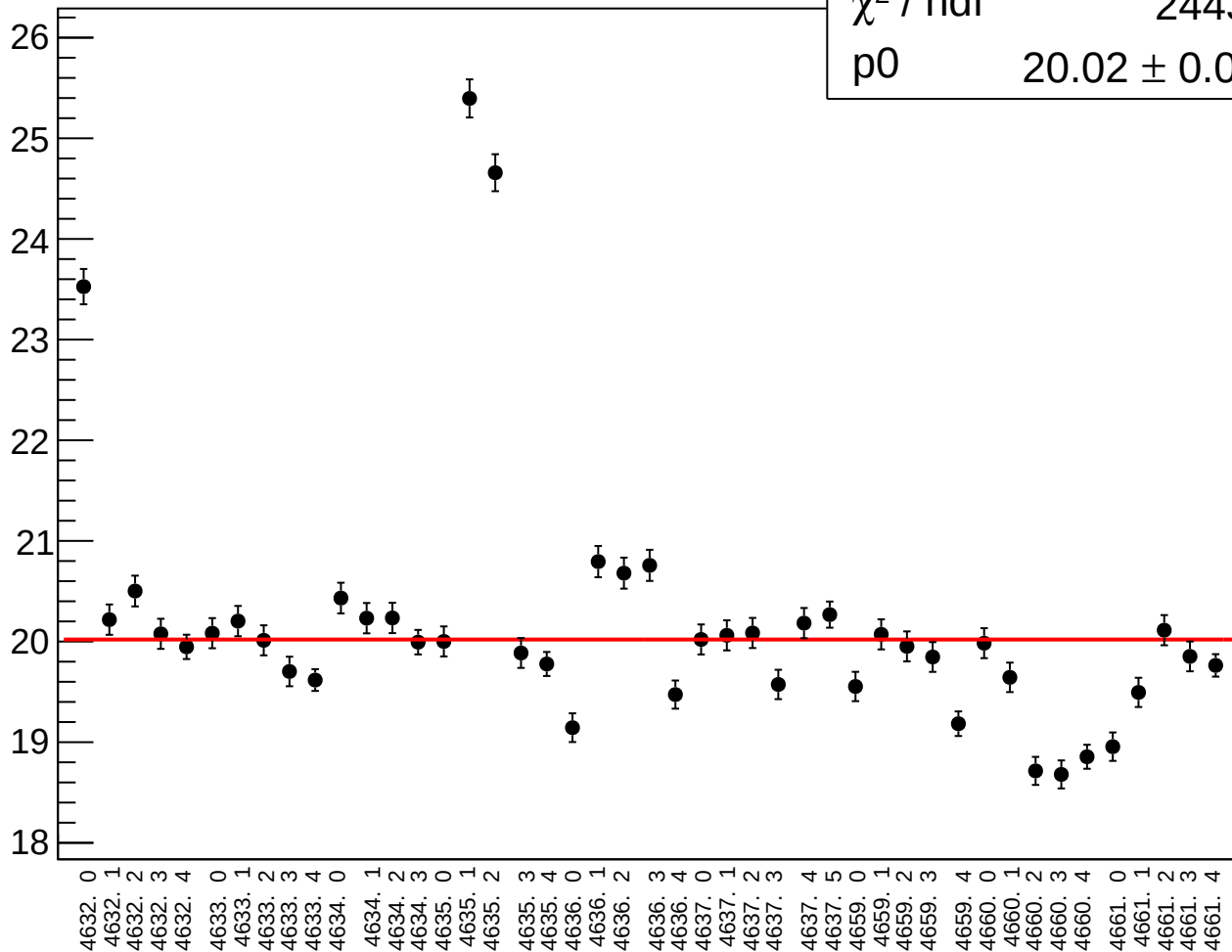
asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs run

χ^2 / ndf

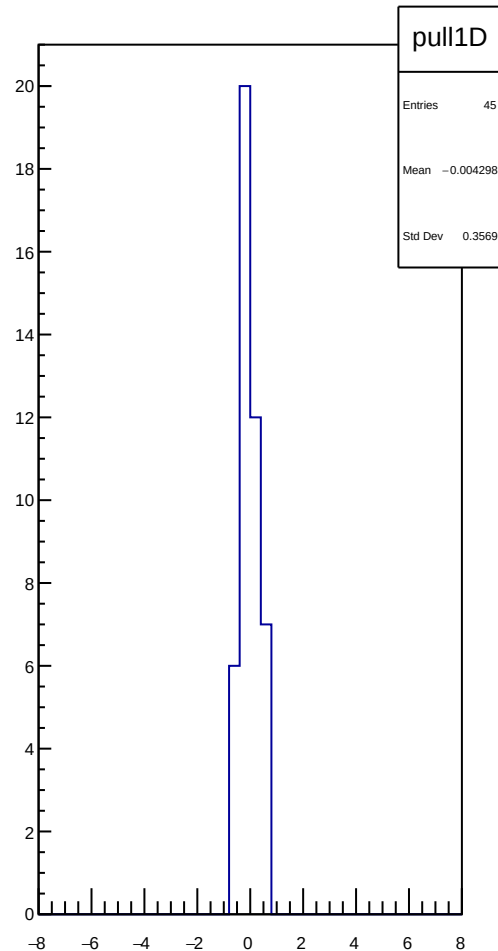
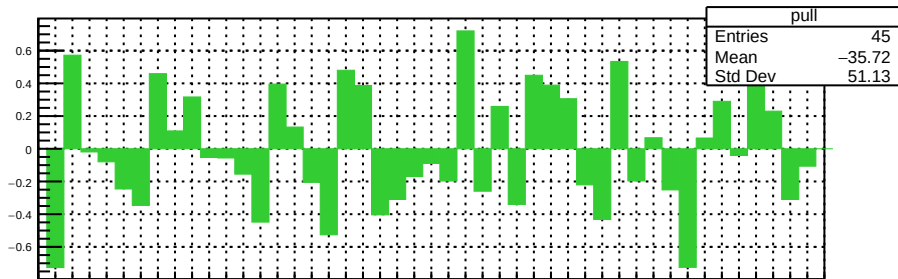
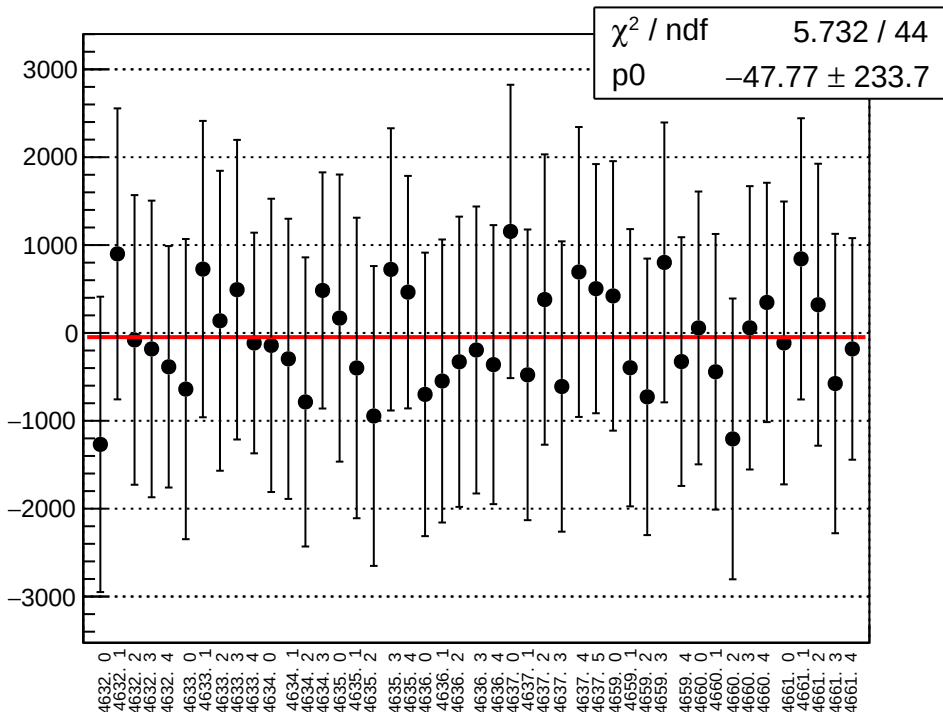
2443 / 44

p0

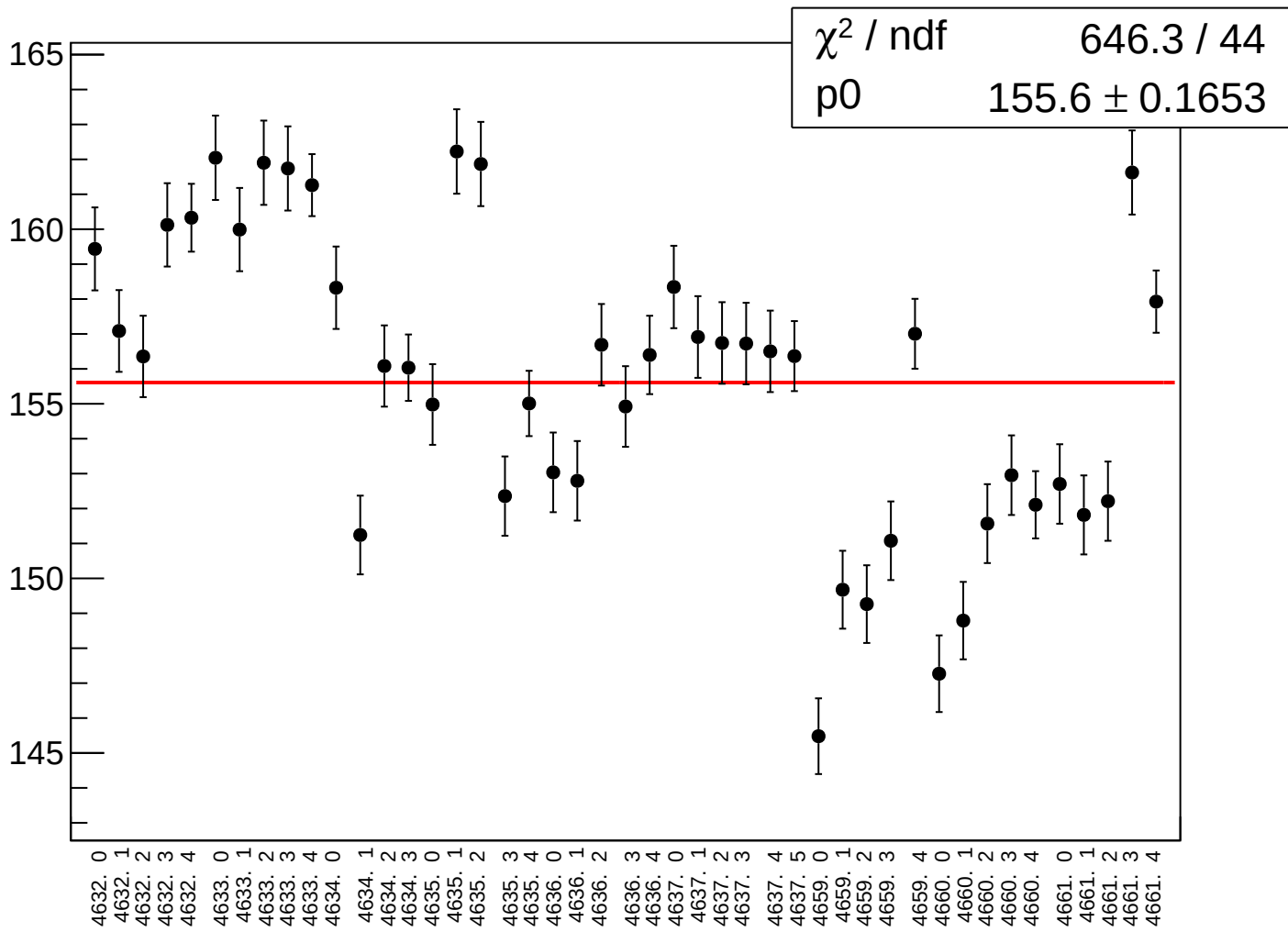
20.02 ± 0.02128



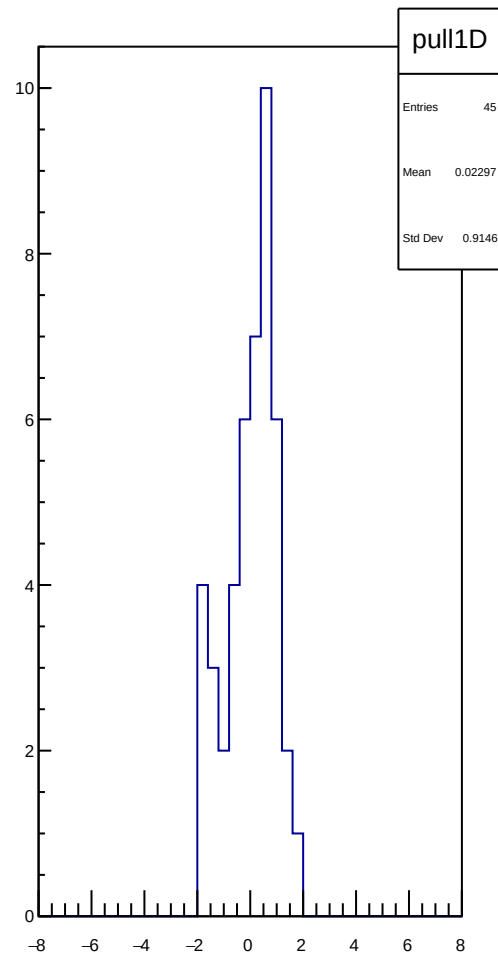
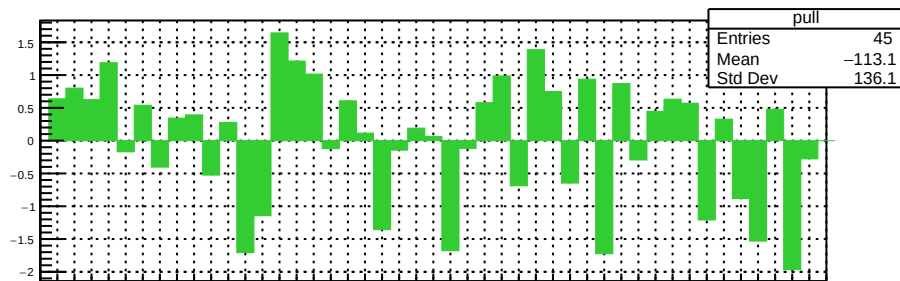
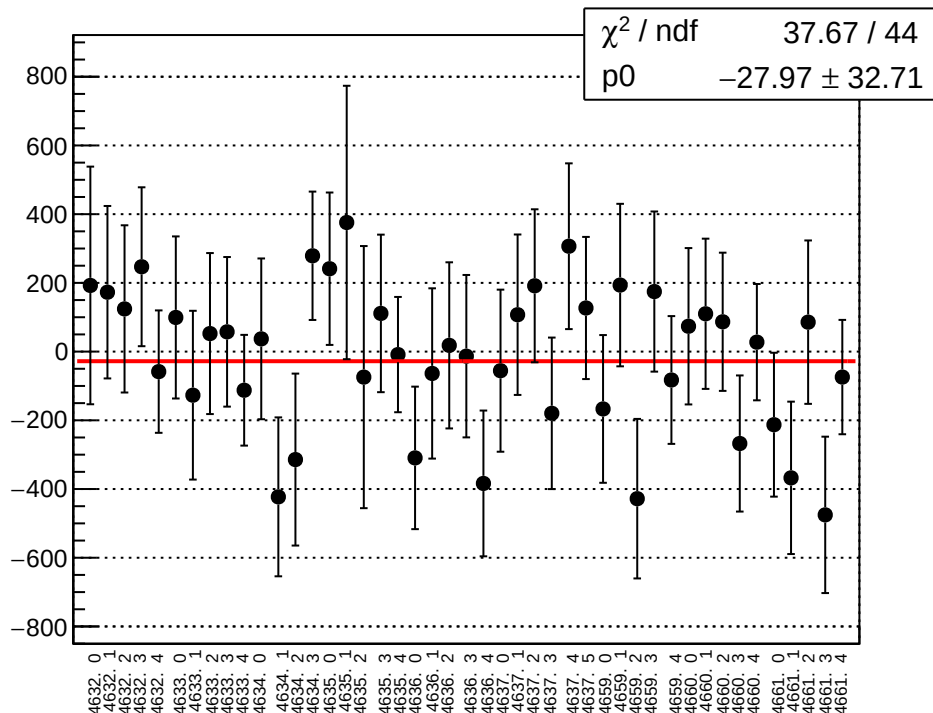
asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs run



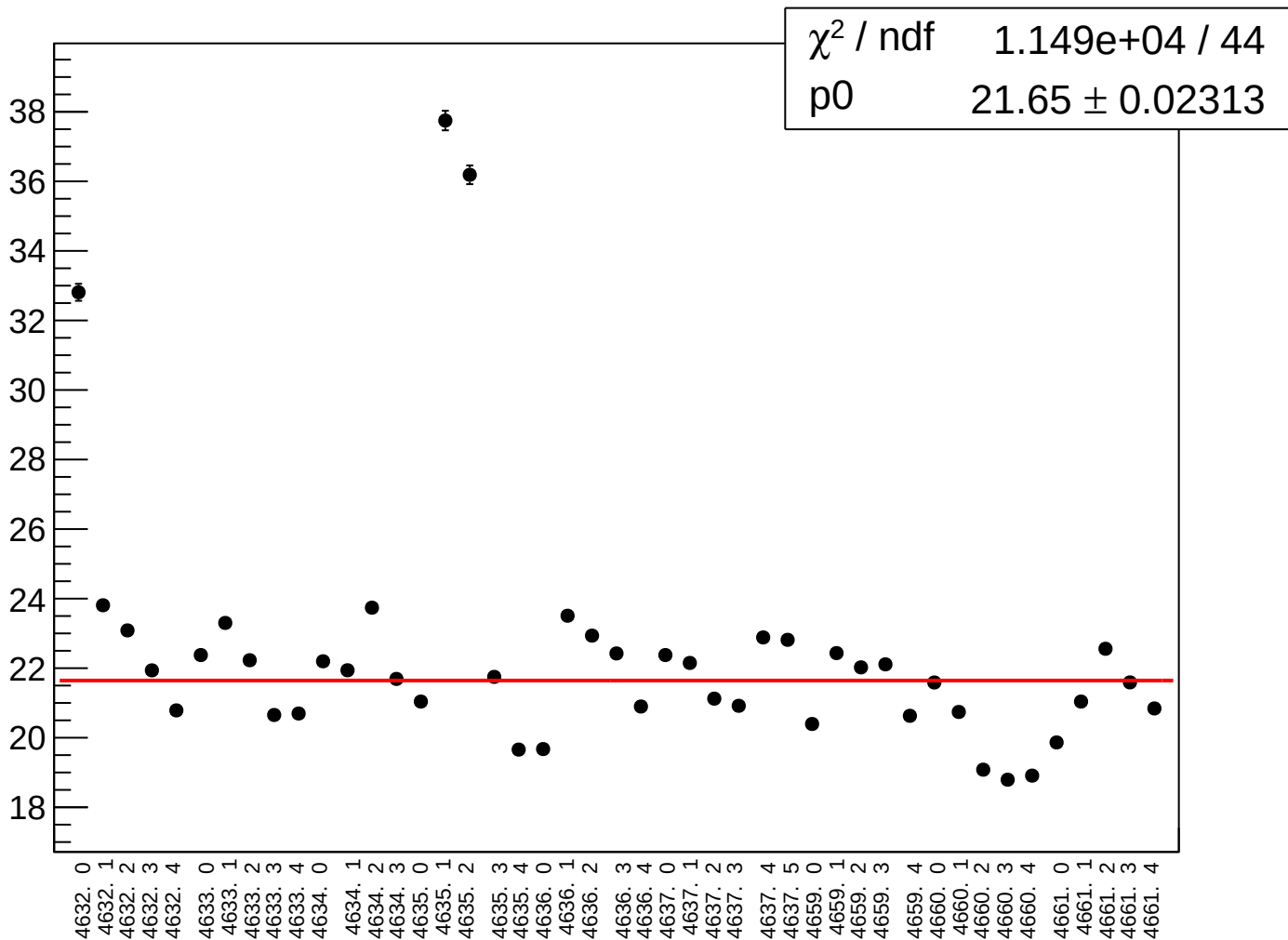
asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs run



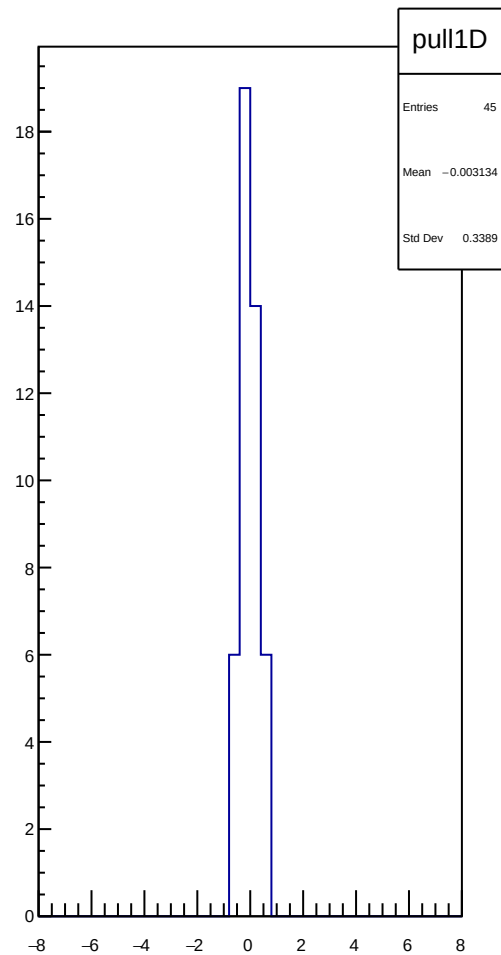
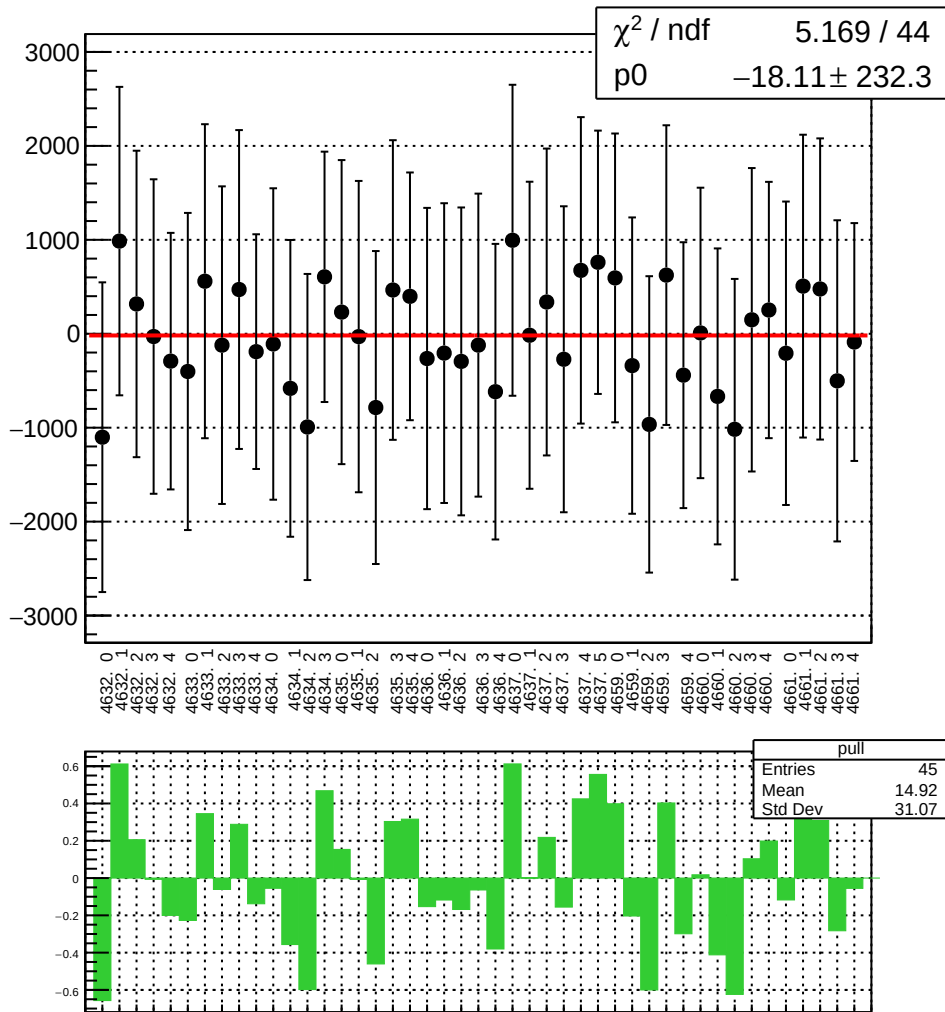
asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs run



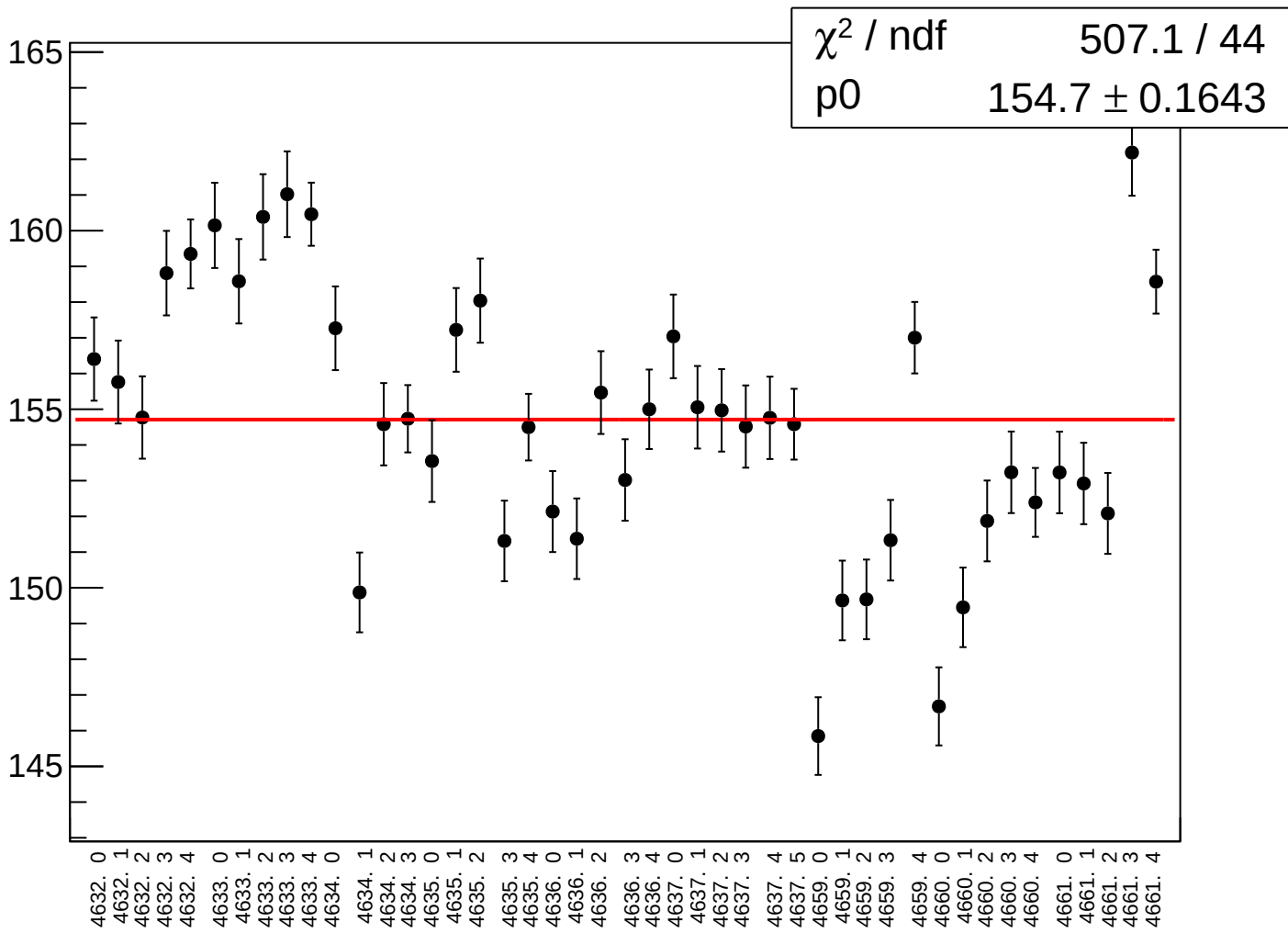
asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs run



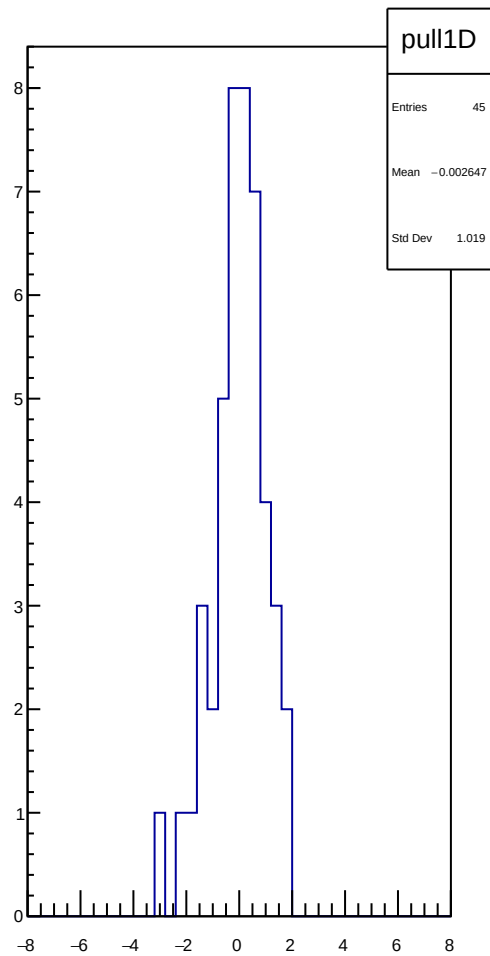
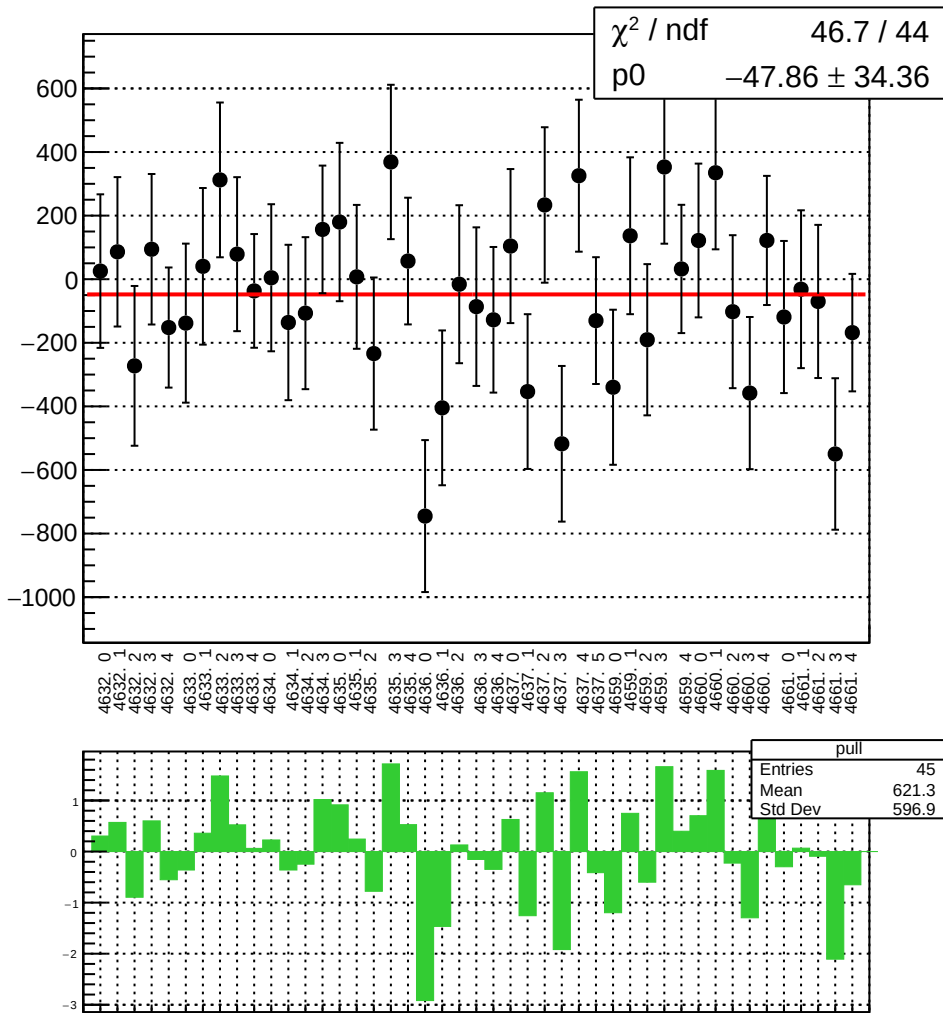
asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs run



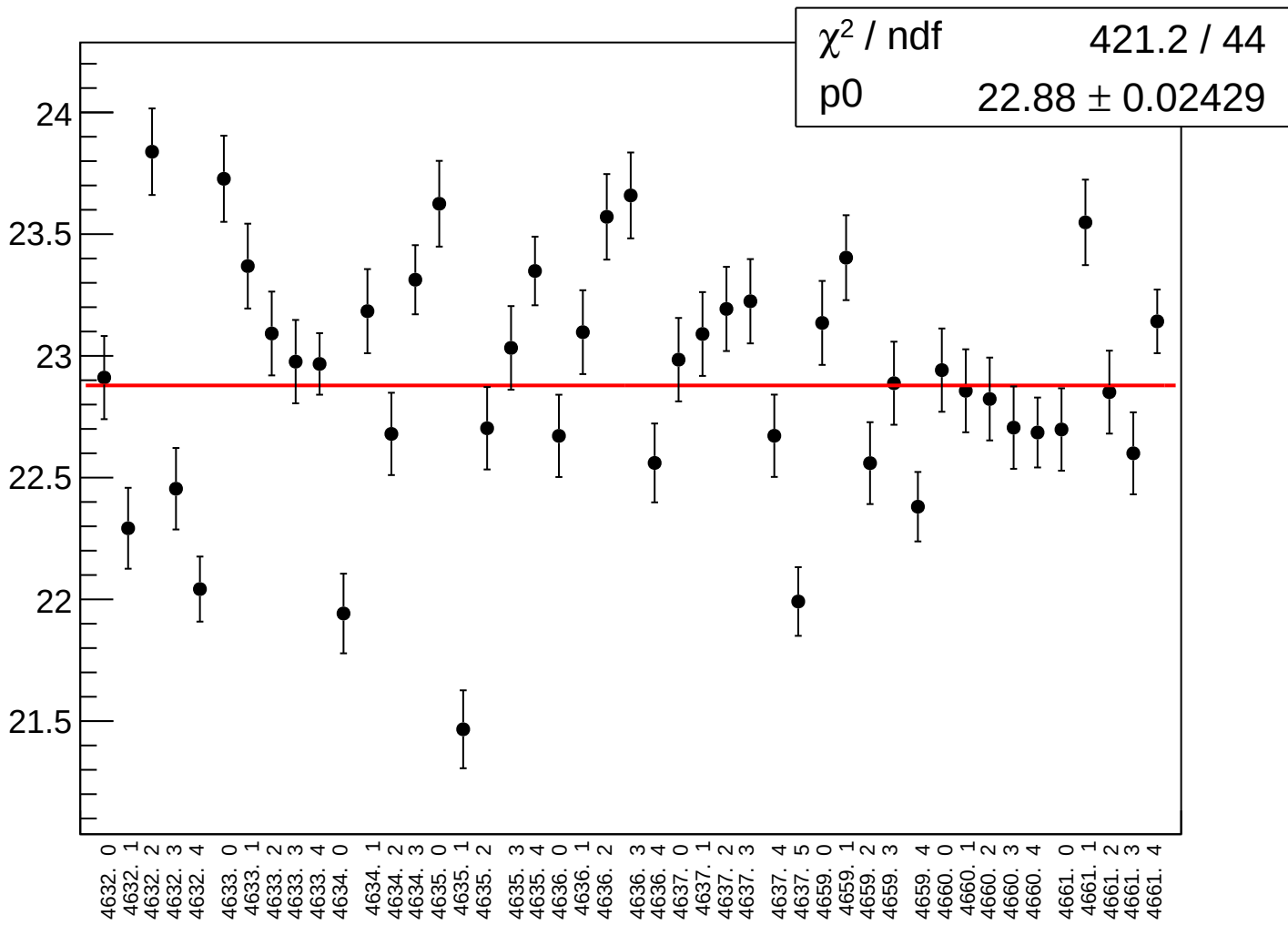
asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs run



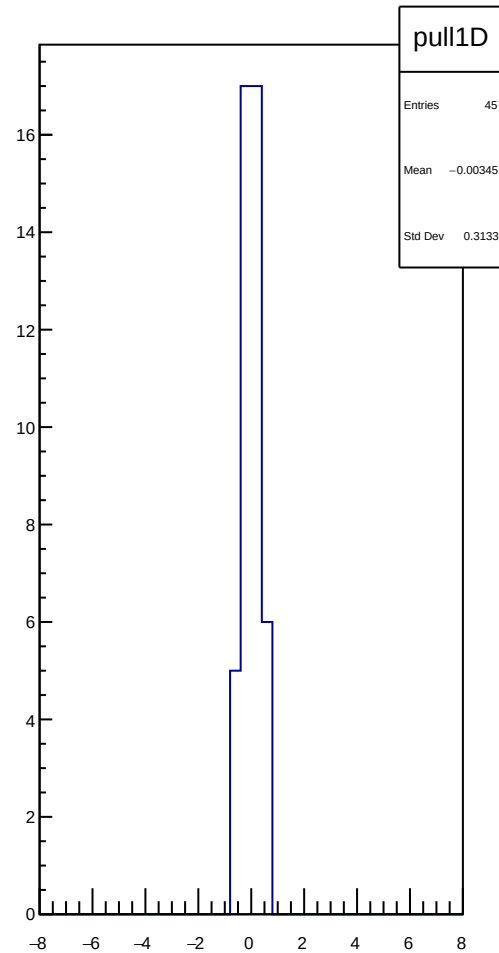
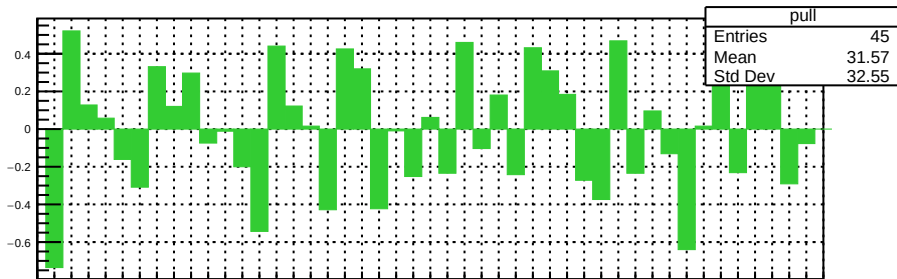
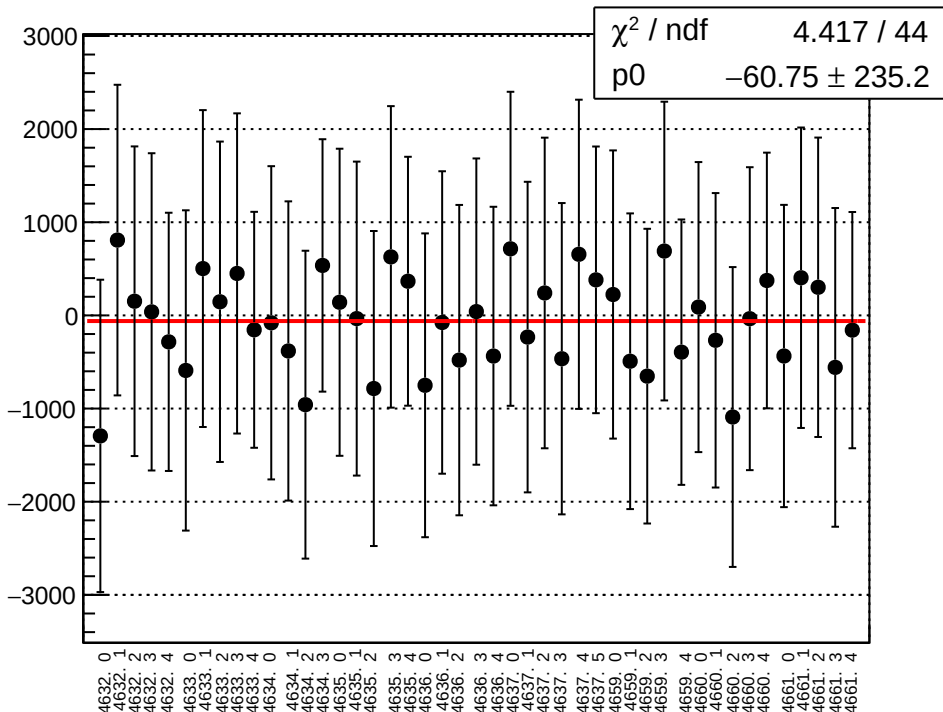
asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs run



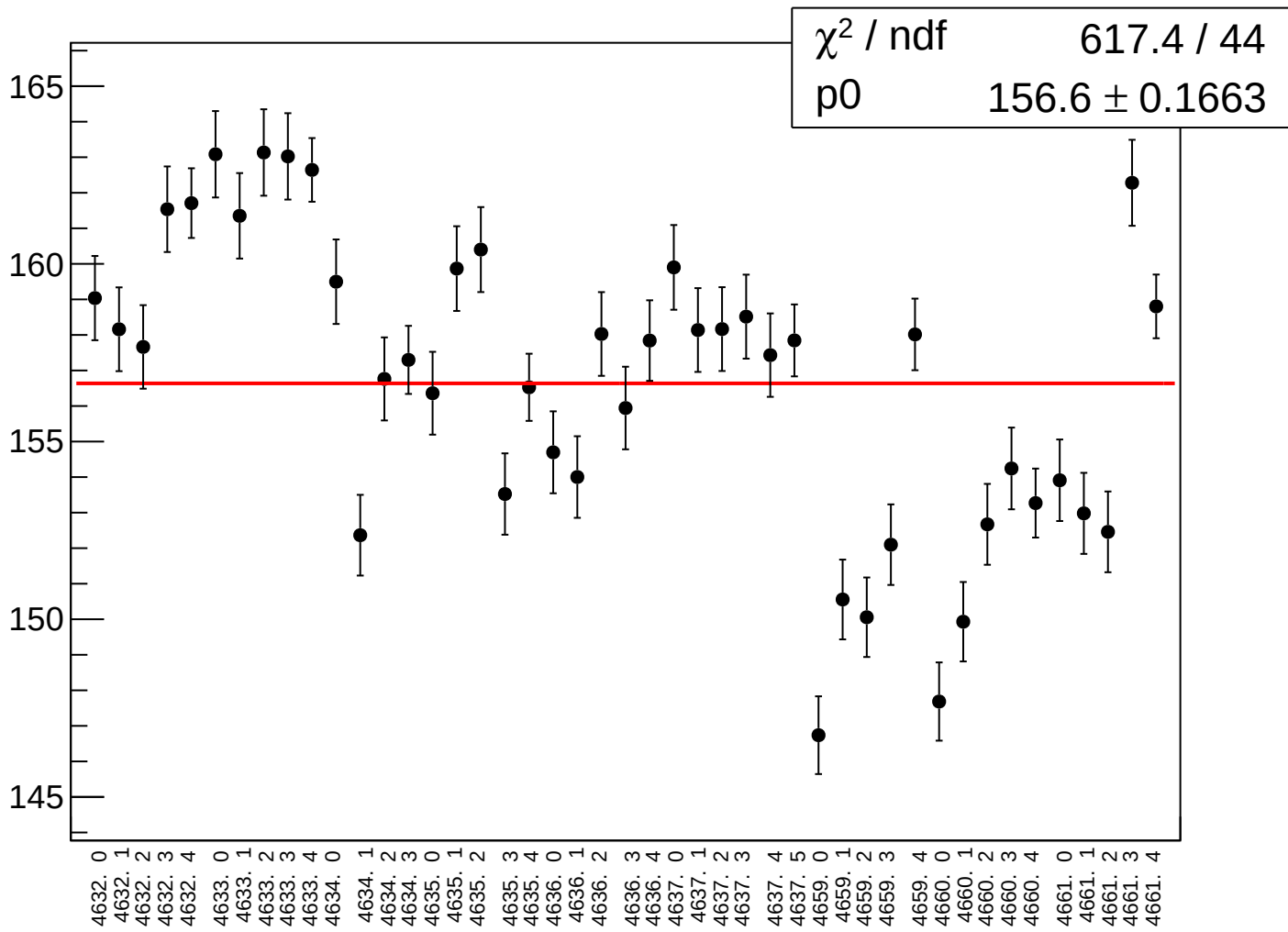
asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs run



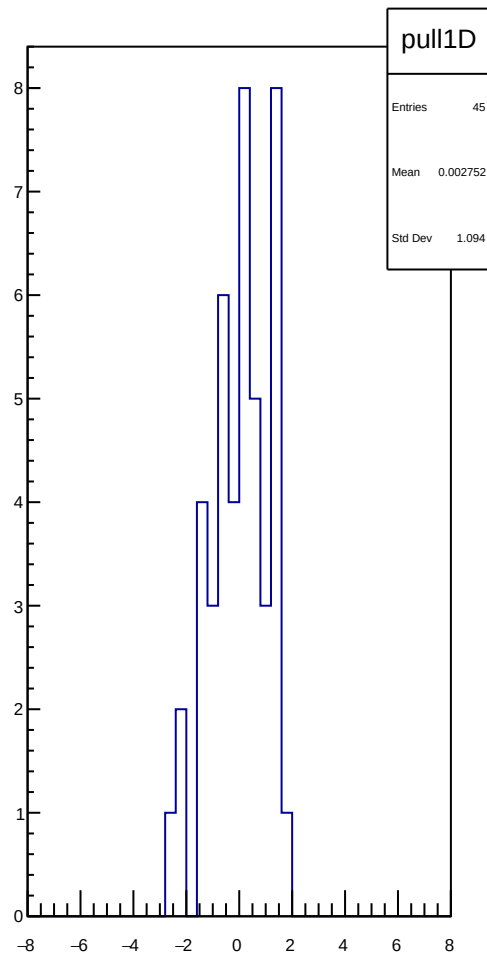
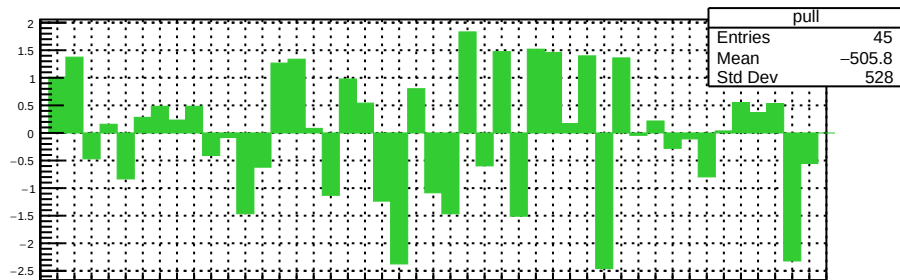
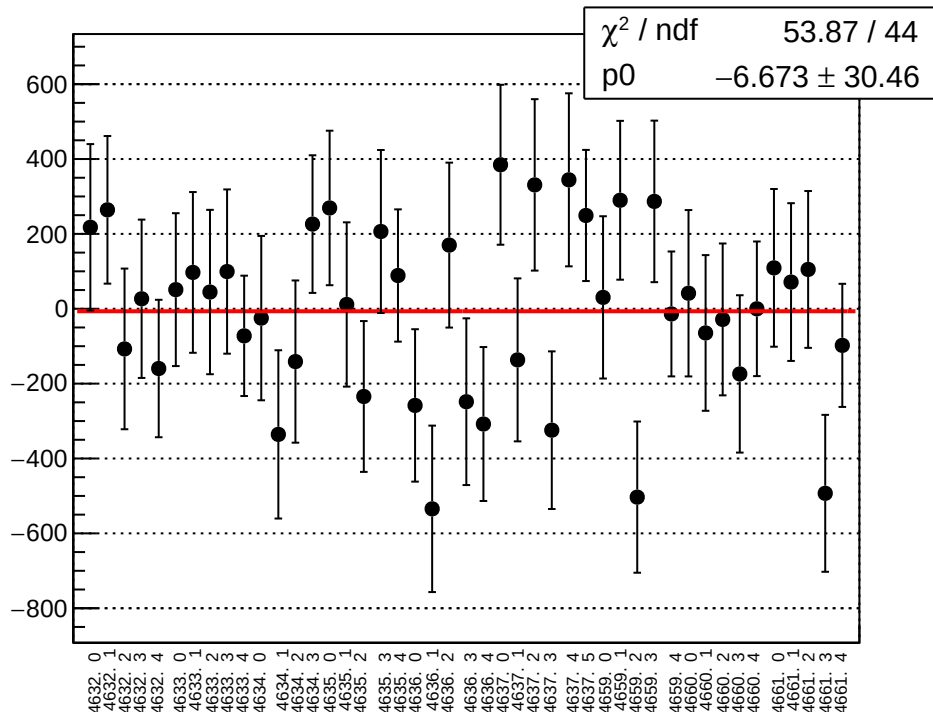
asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs run



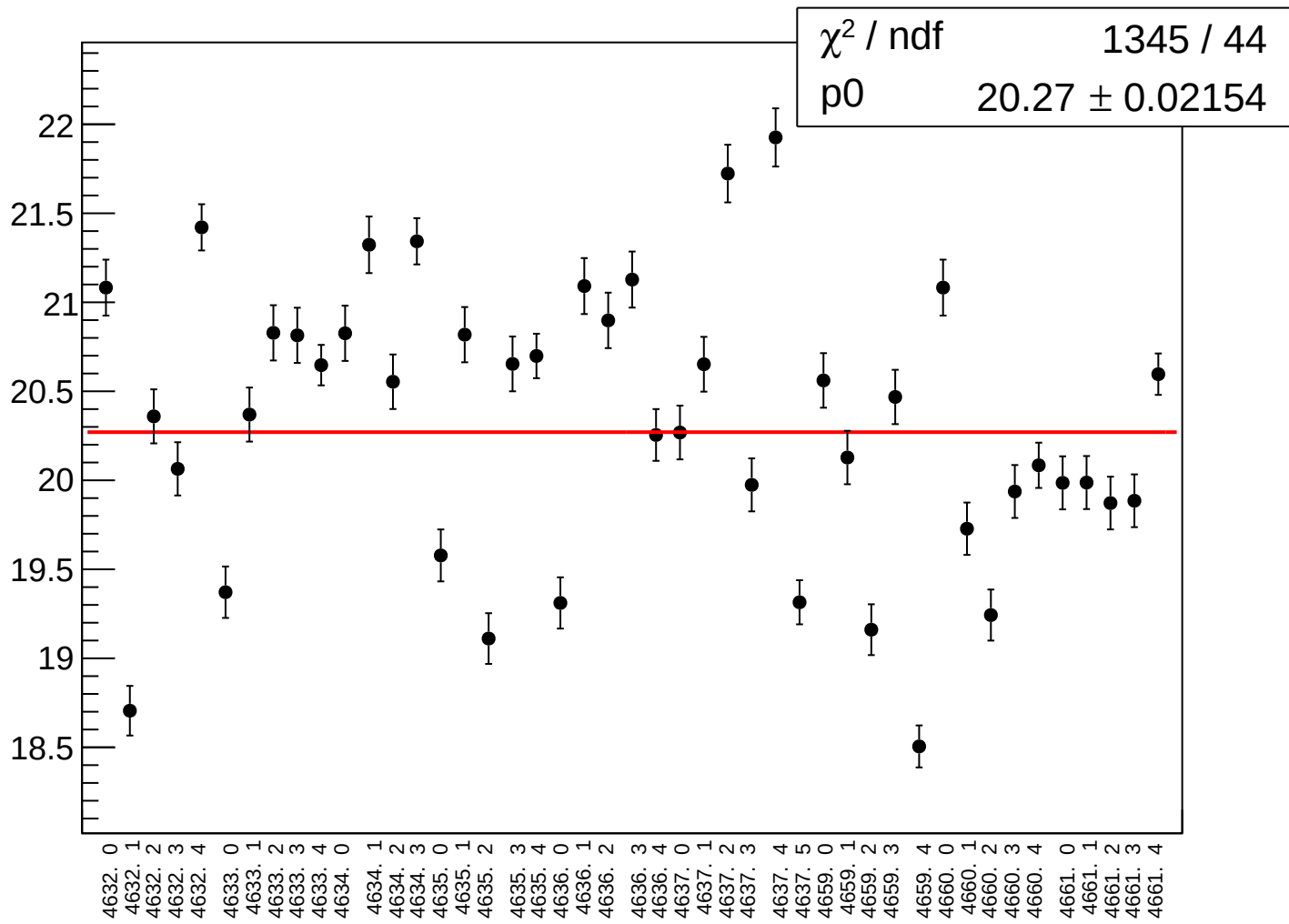
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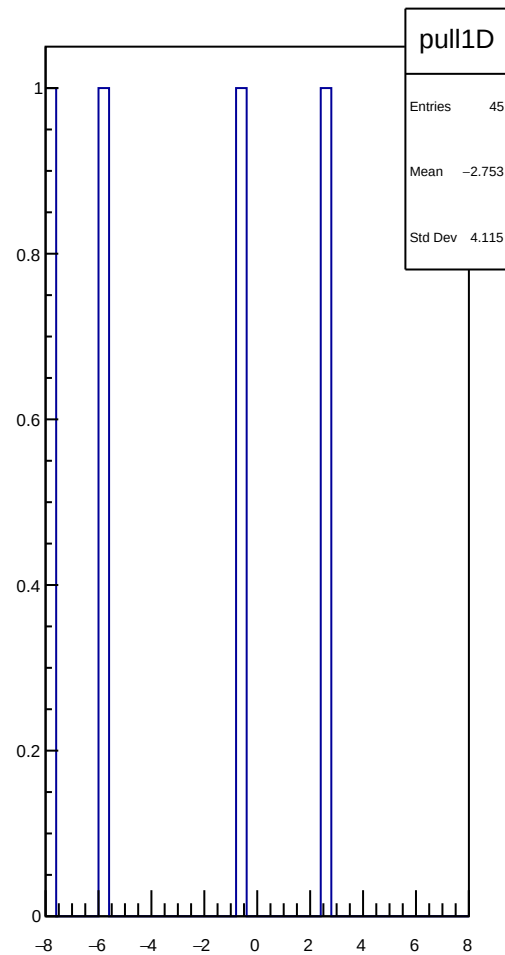
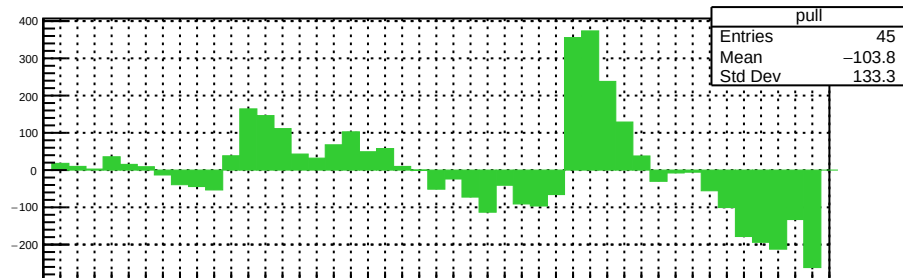
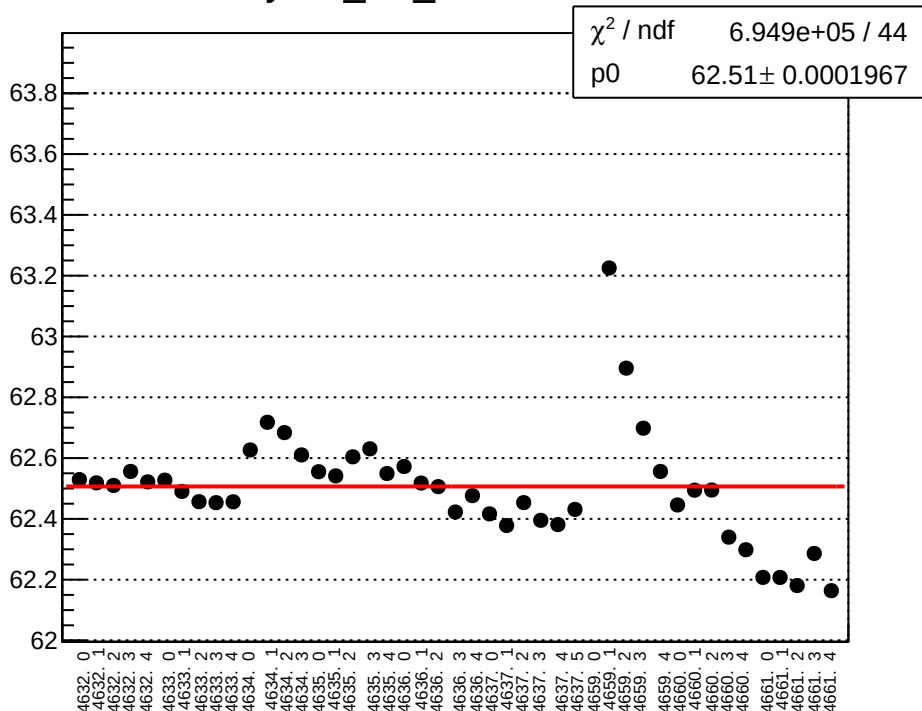
asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs run



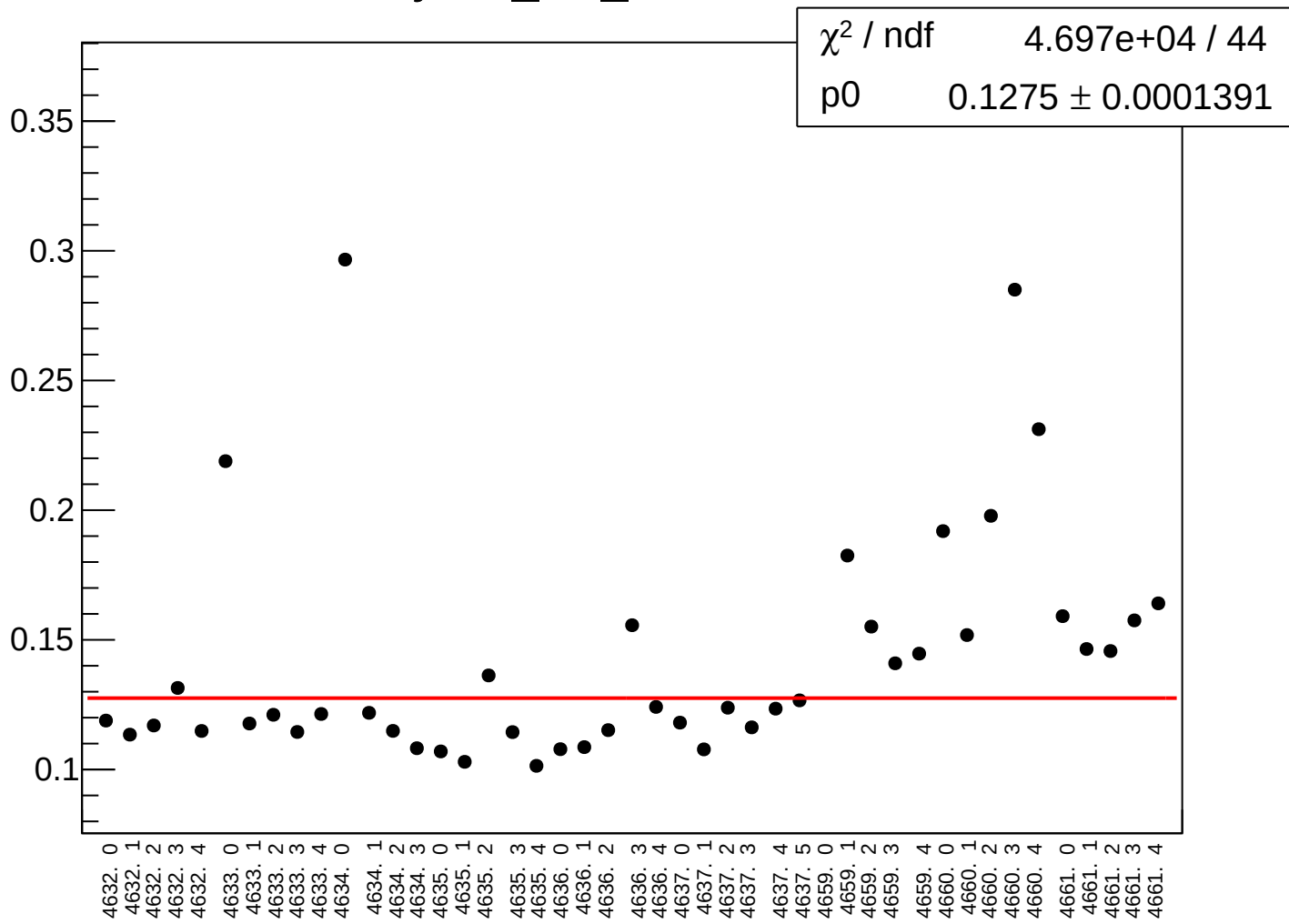
asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs run



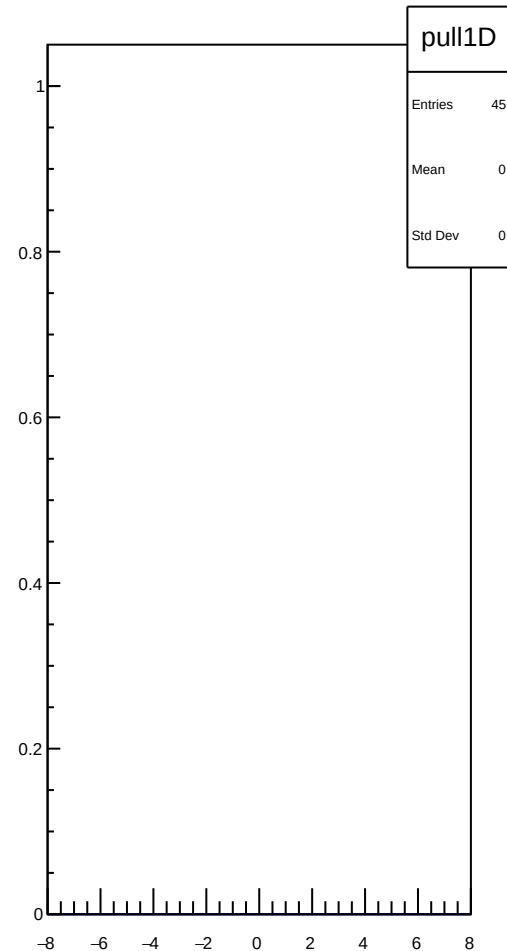
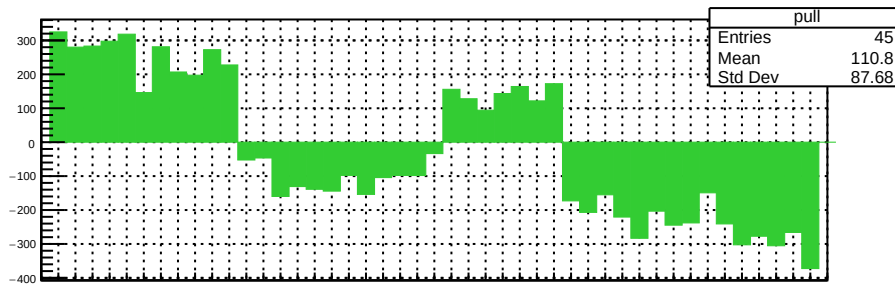
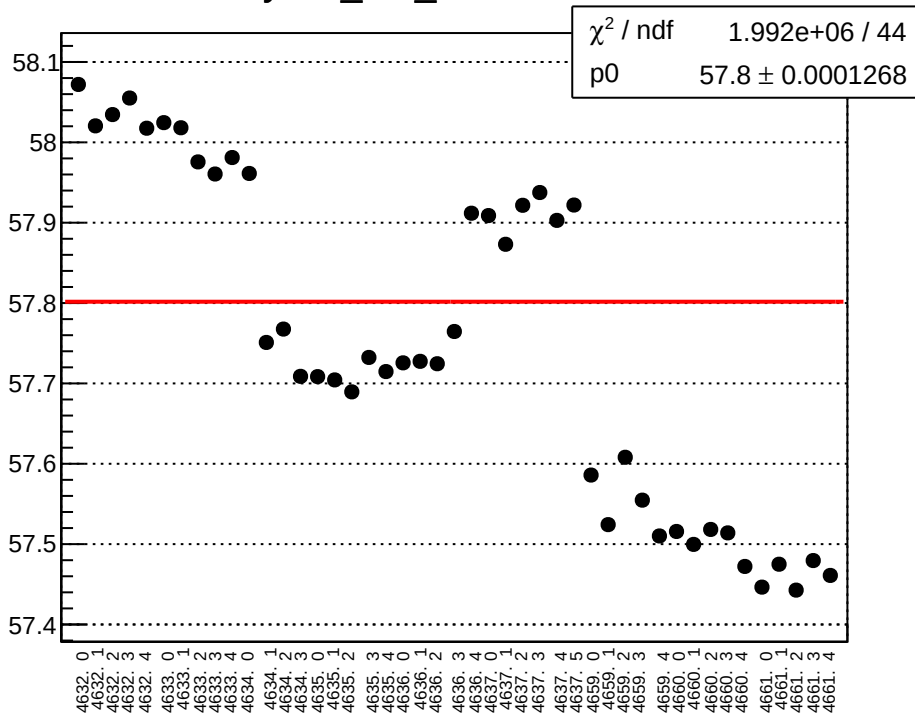
yield_usl_mean vs run



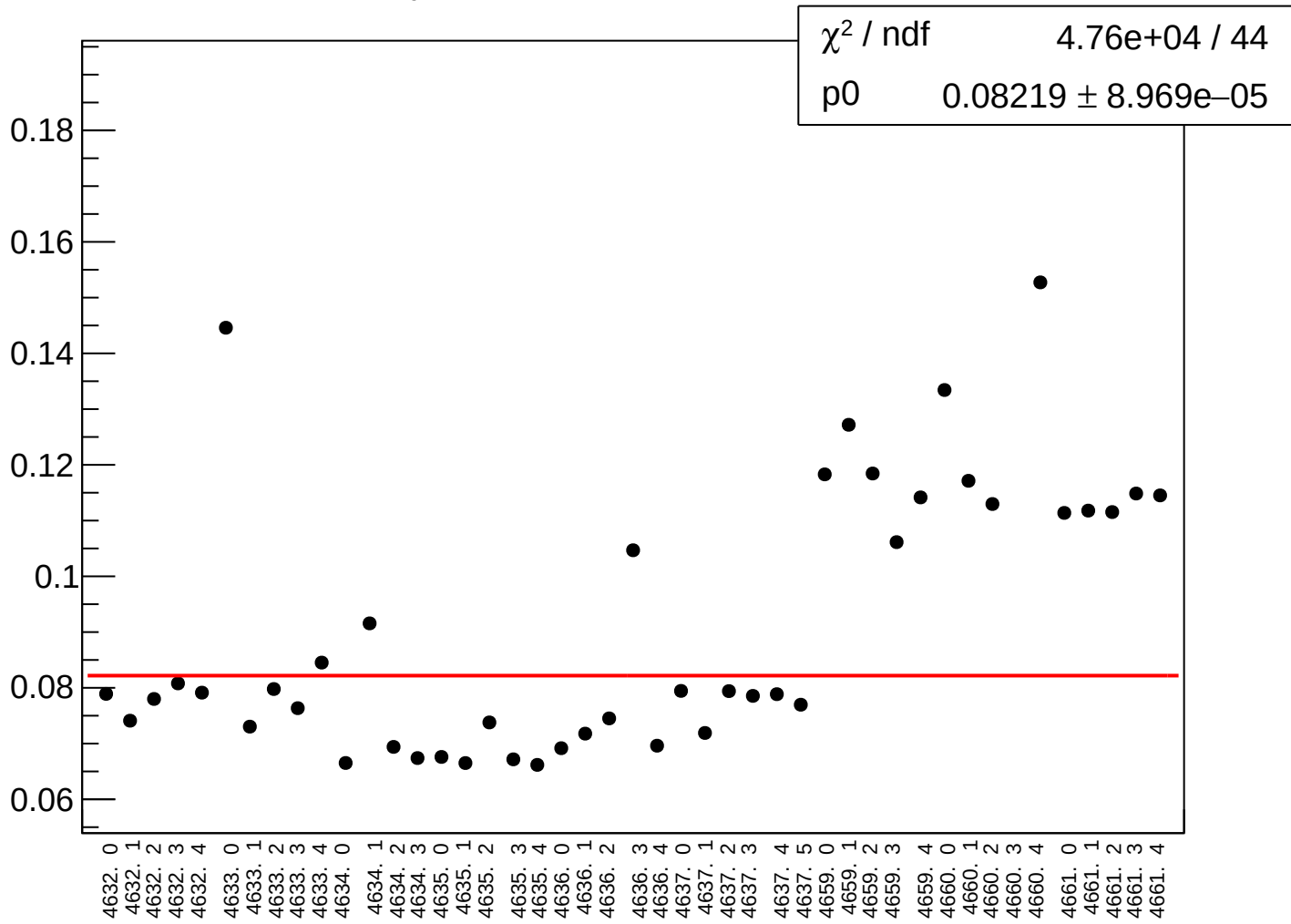
yield_usl_rms vs run



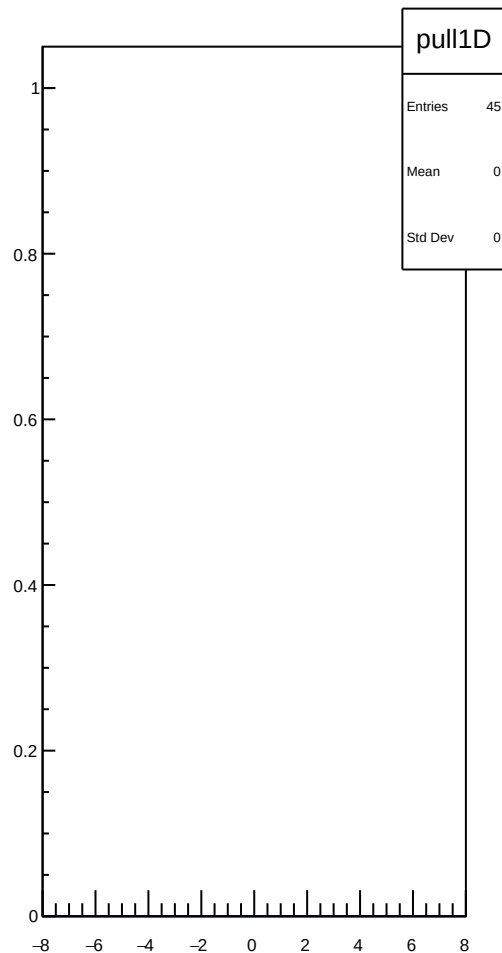
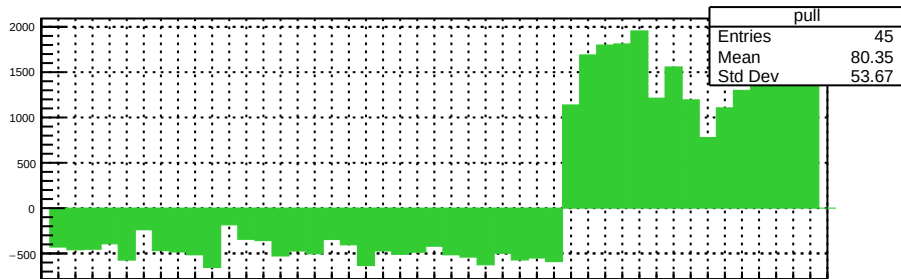
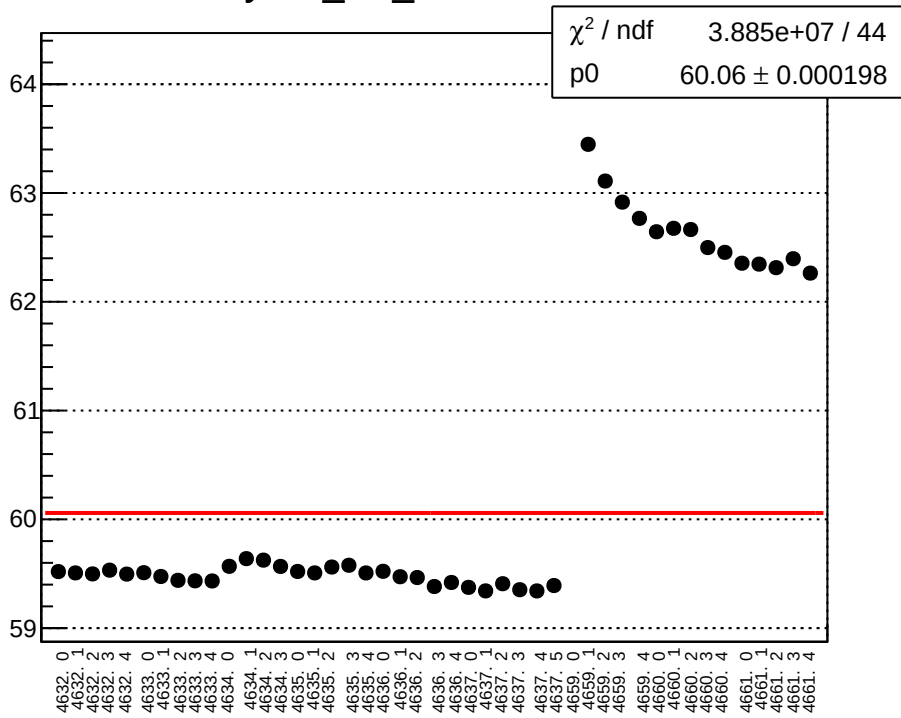
yield_usr_mean vs run



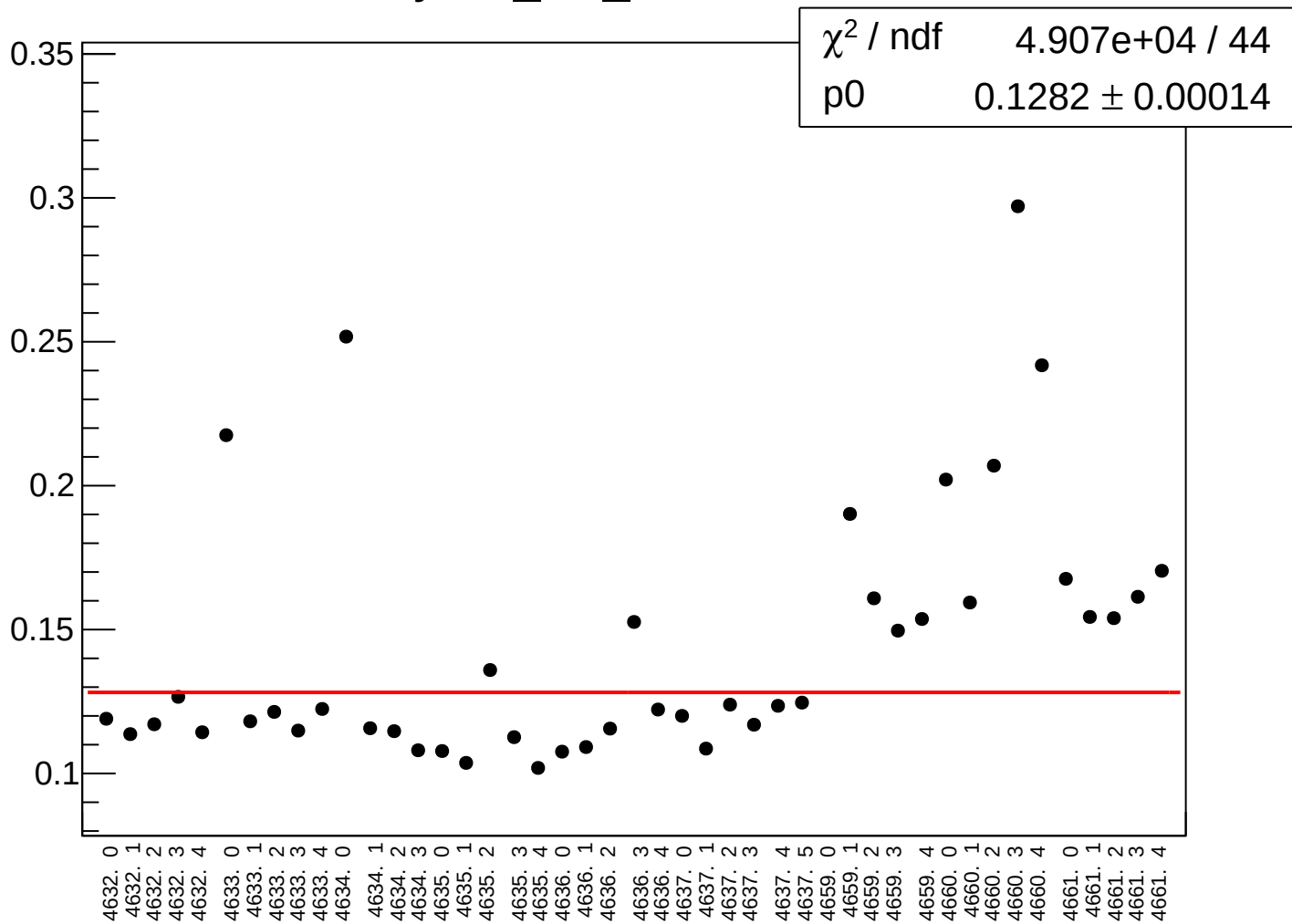
yield_usr_rms vs run



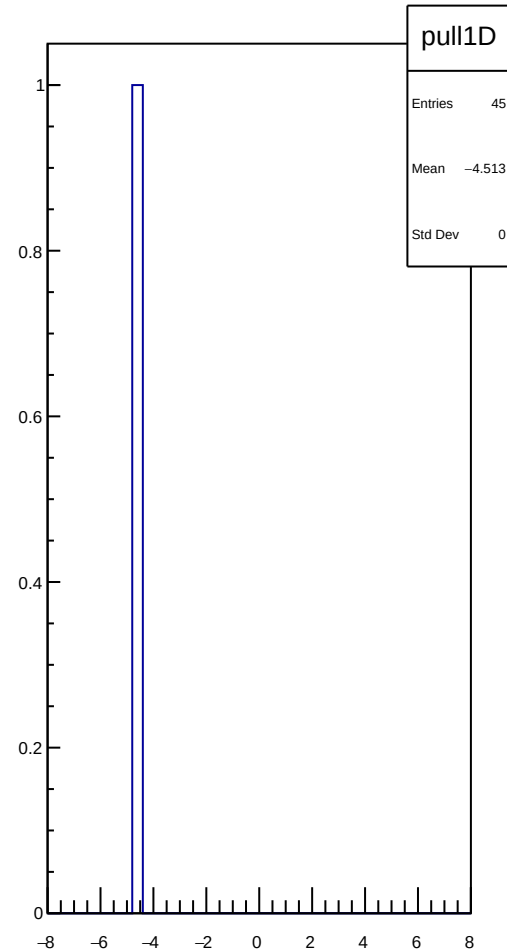
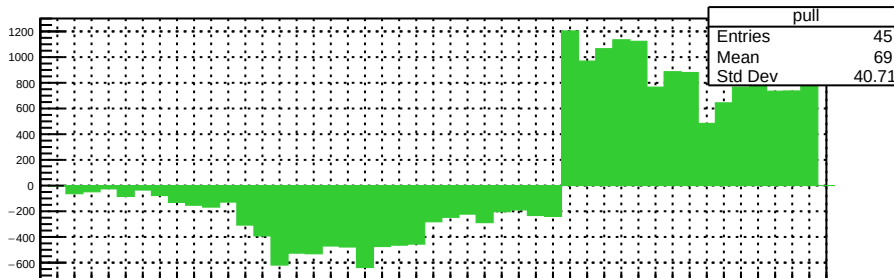
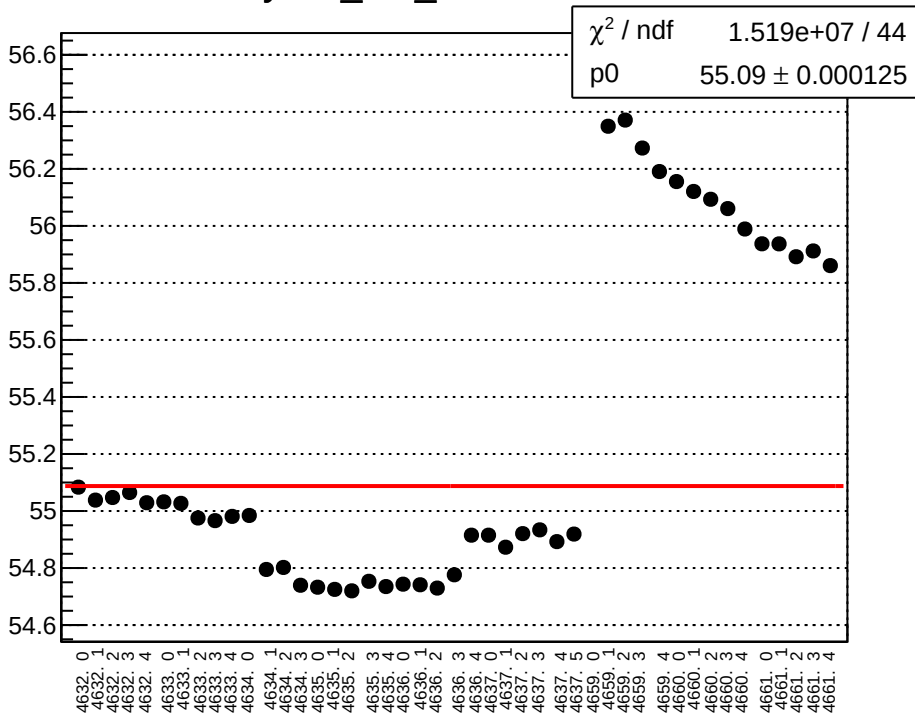
yield_dsl_mean vs run



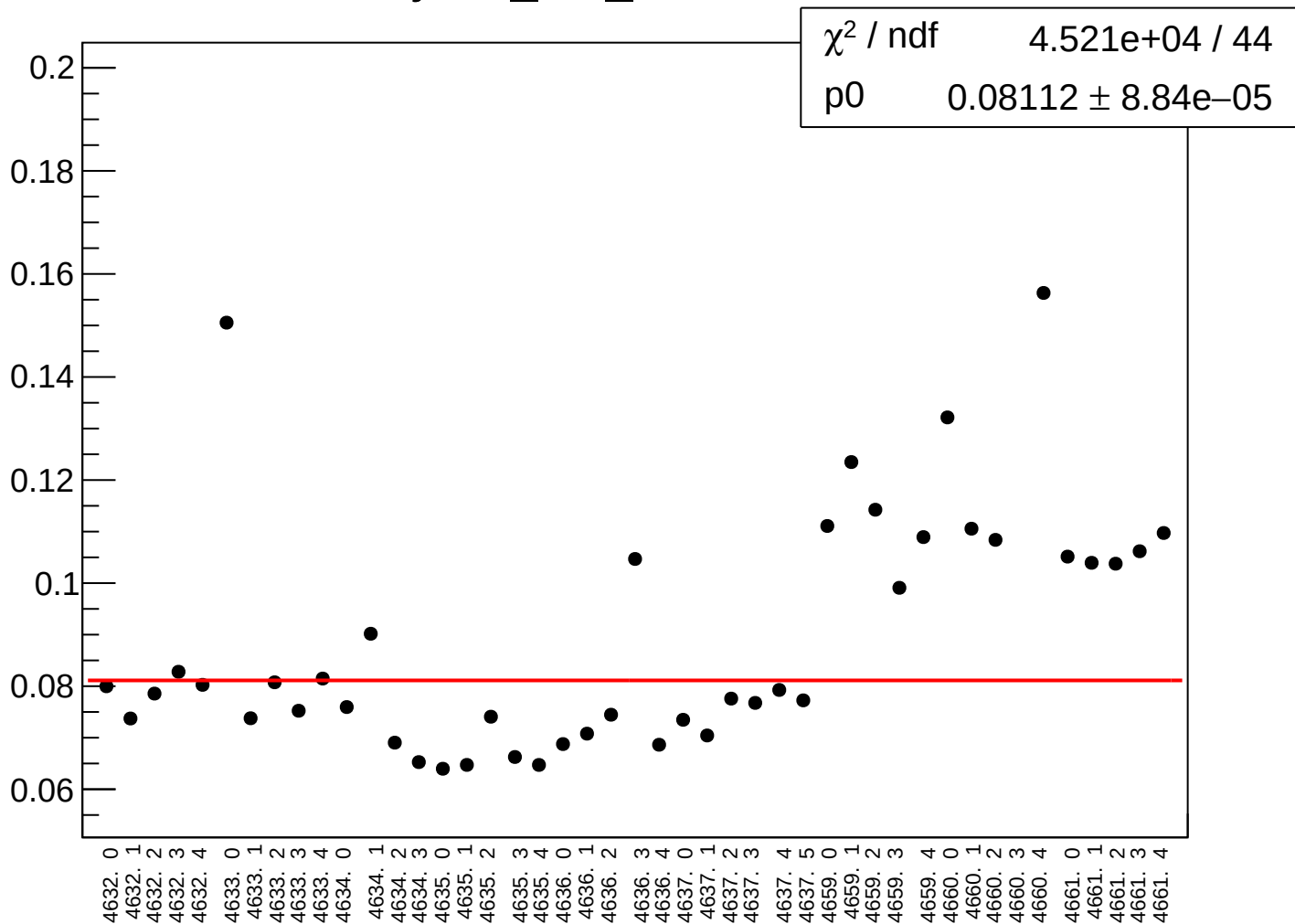
yield_dsl_rms vs run



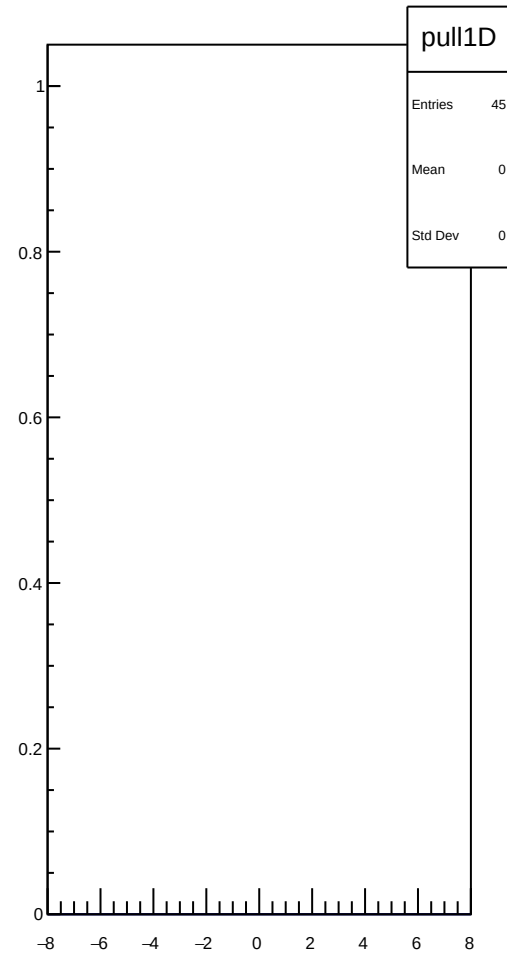
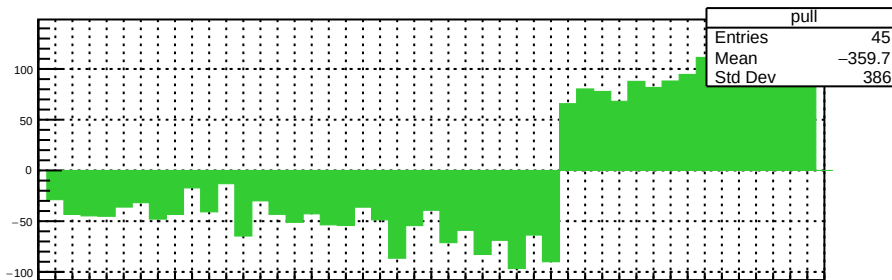
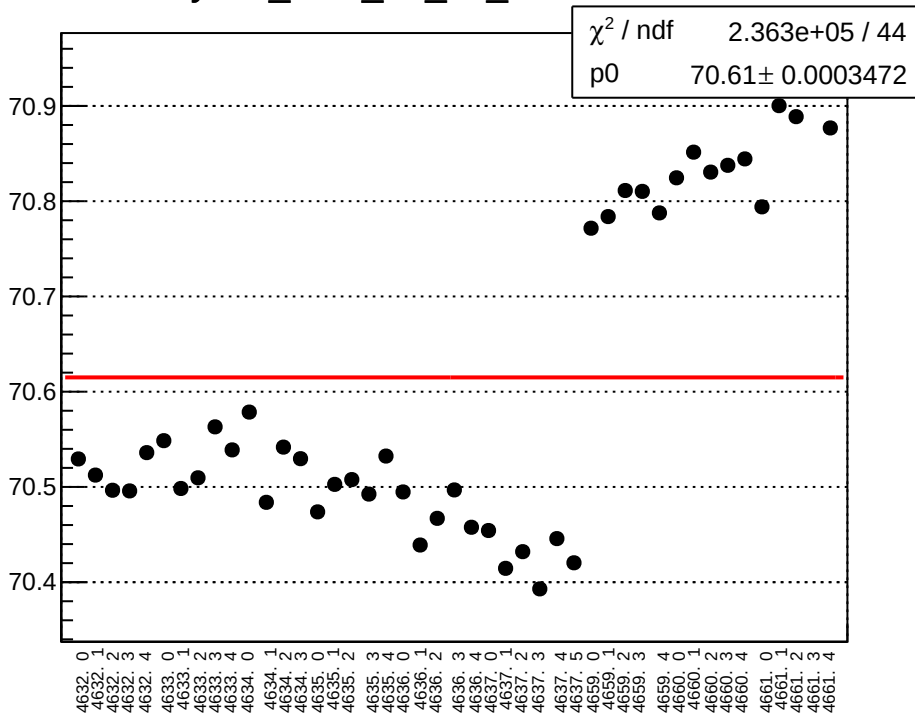
yield_dsr_mean vs run



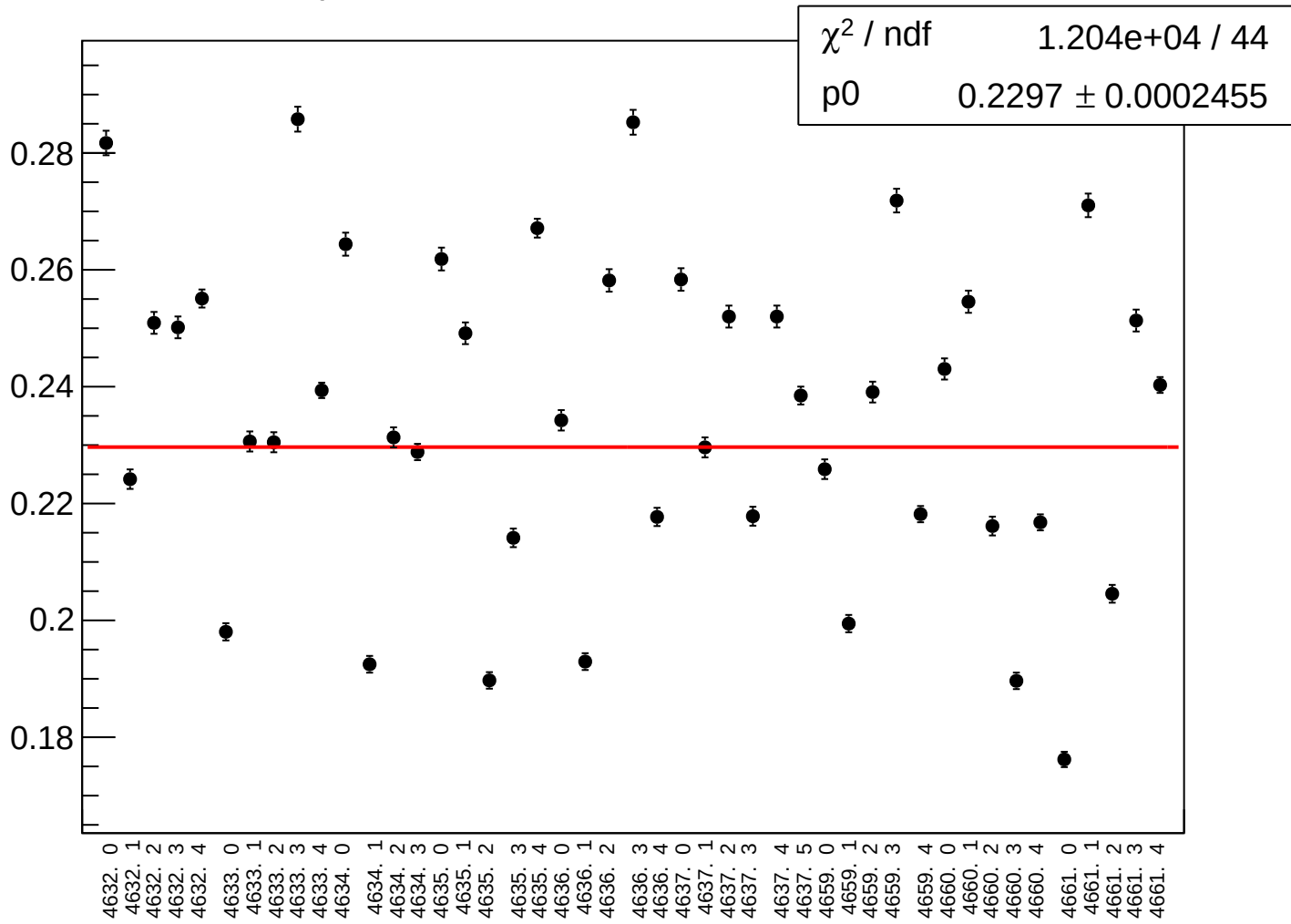
yield_dsr_rms vs run



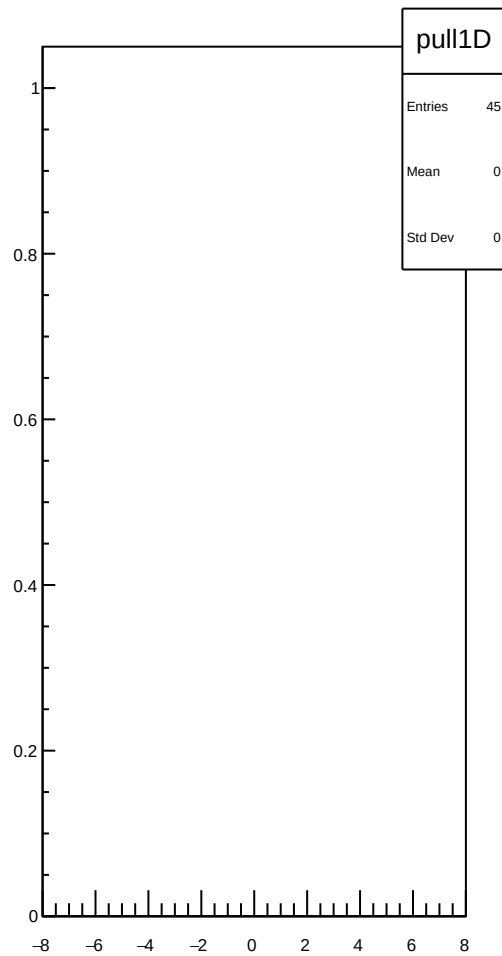
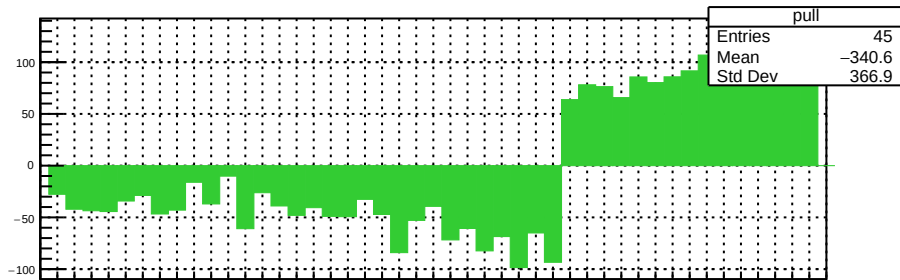
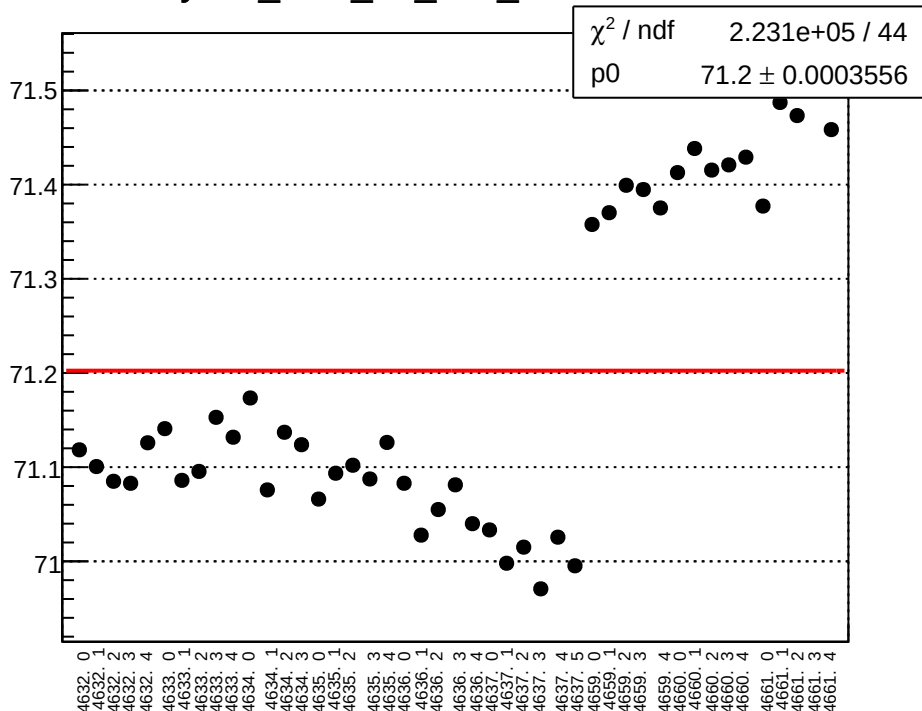
yield_bcm_an_ds_mean vs run



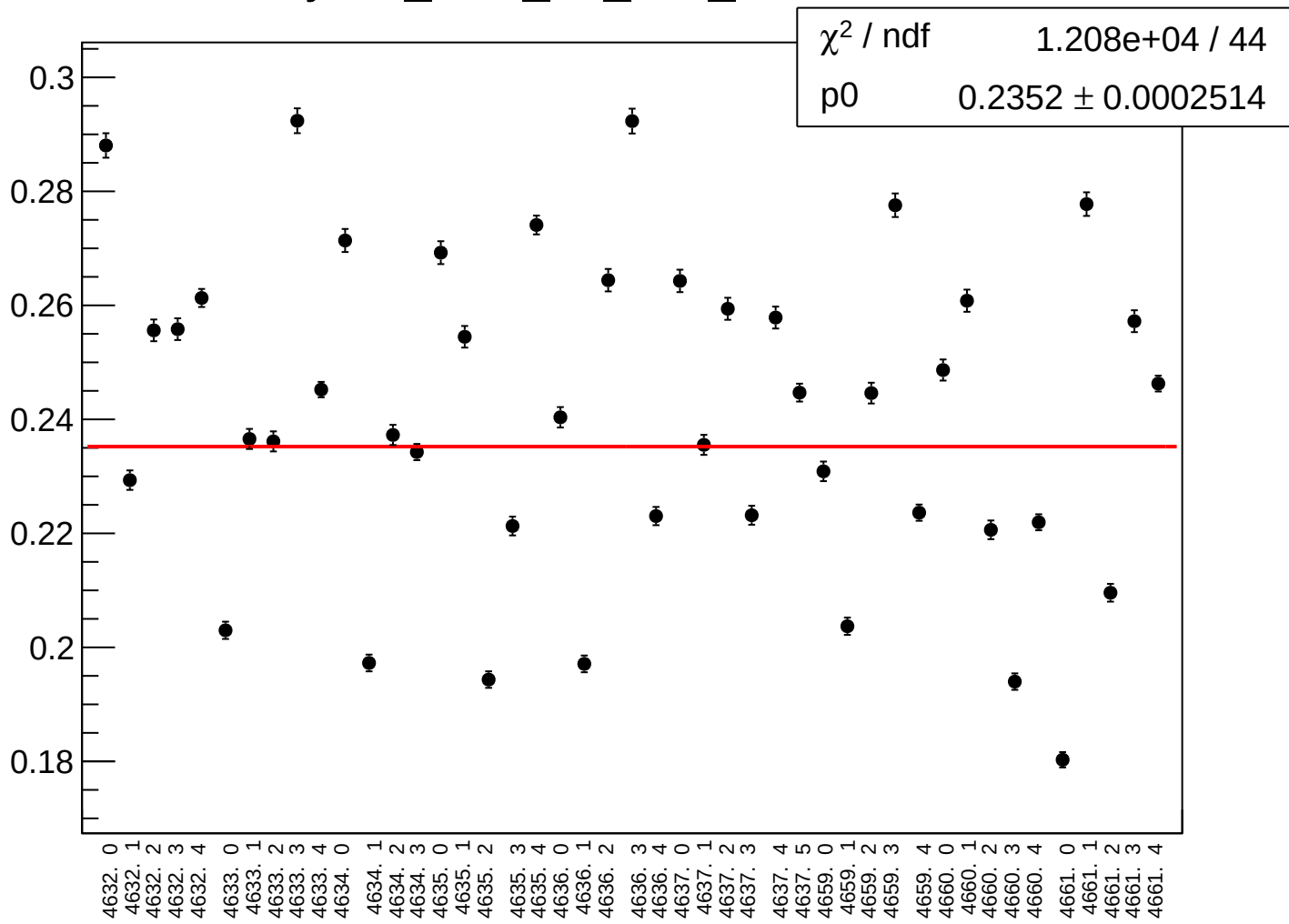
yield_bcm_an_ds_rms vs run



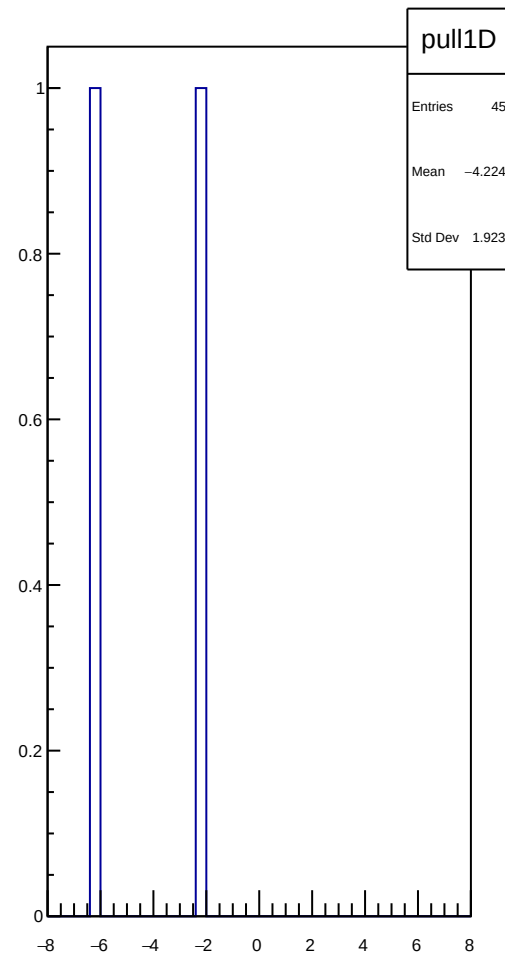
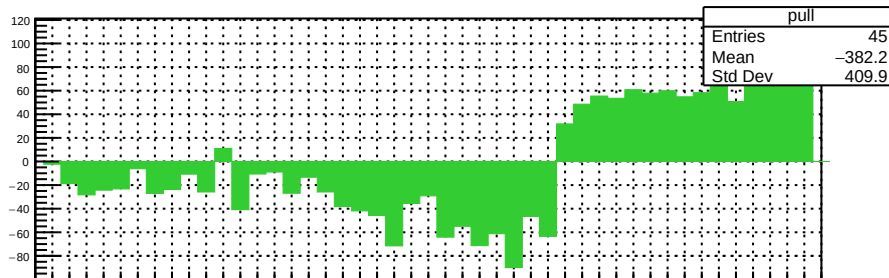
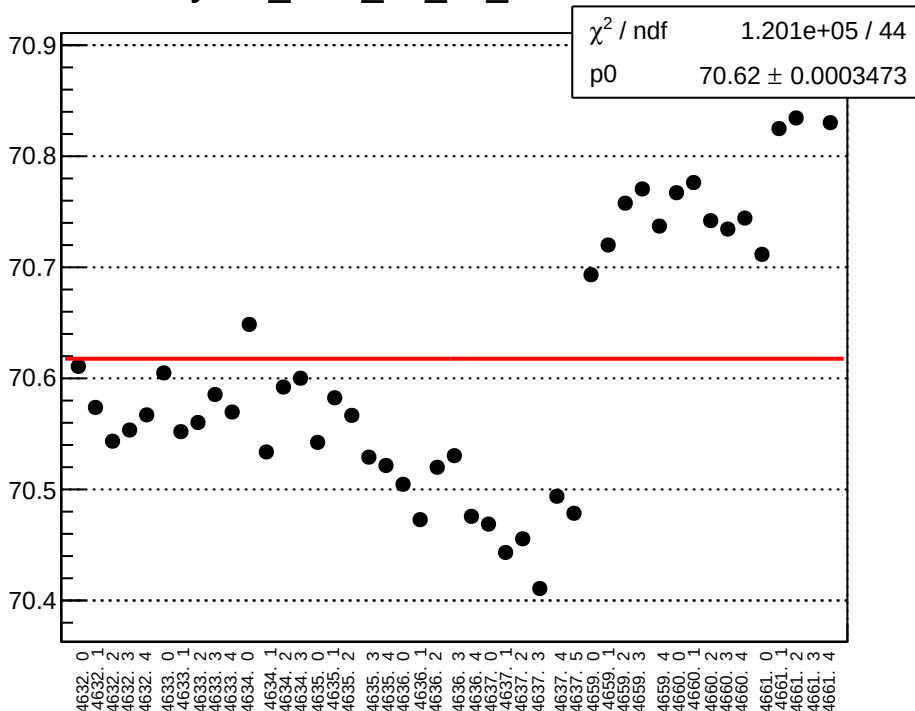
yield_bcm_an_ds3_mean vs run



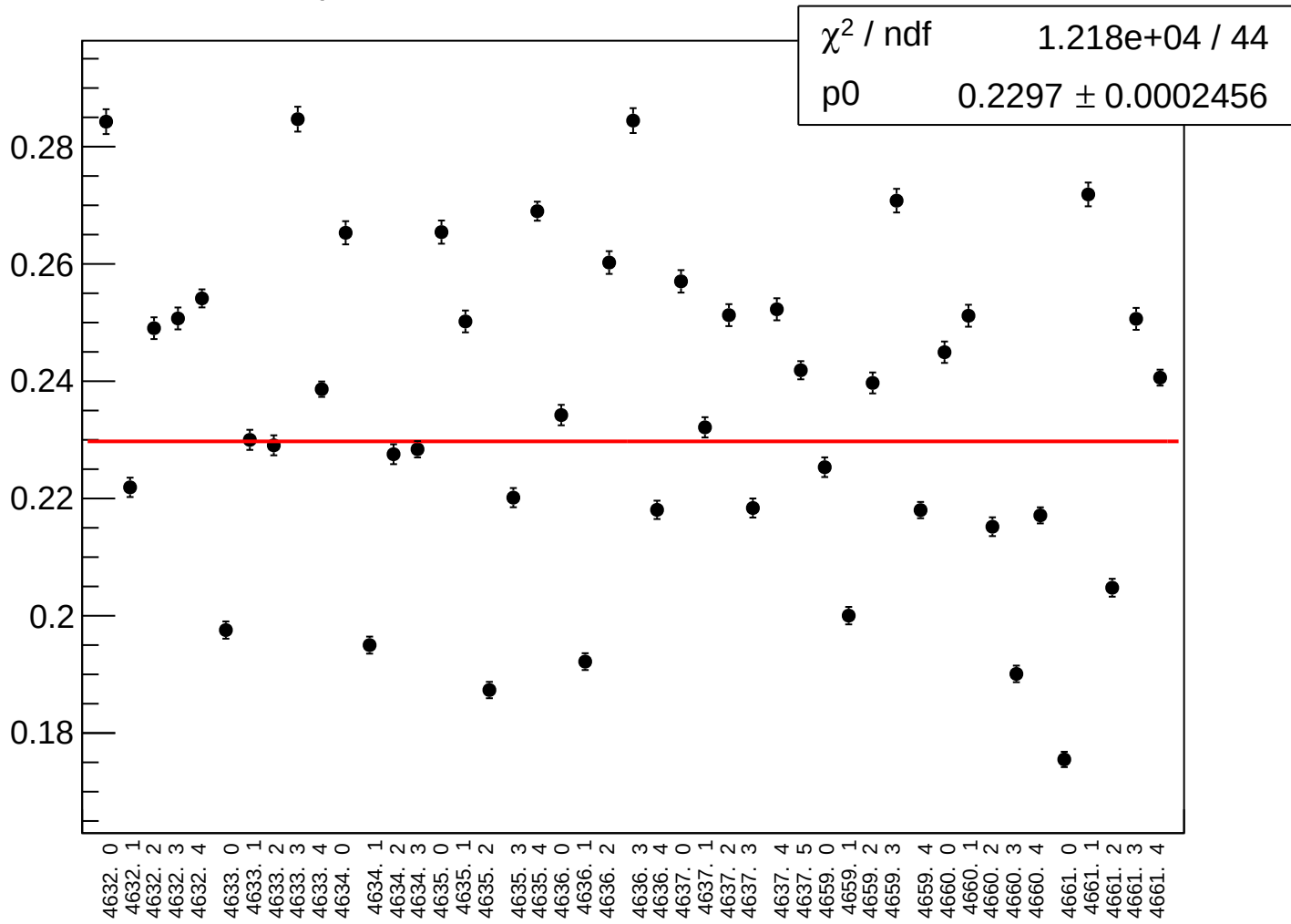
yield_bcm_an_ds3_rms vs run



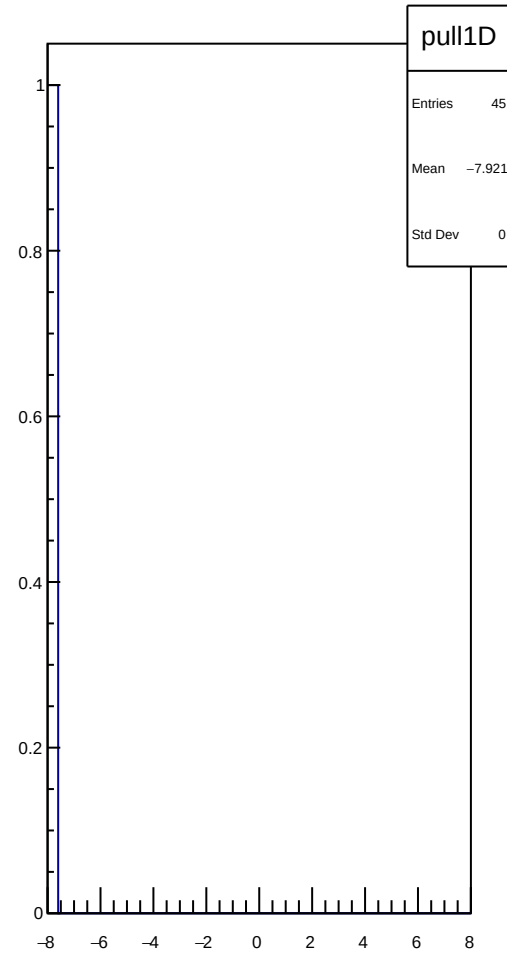
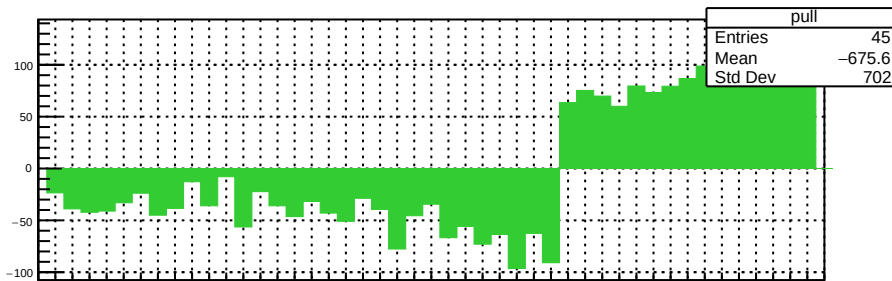
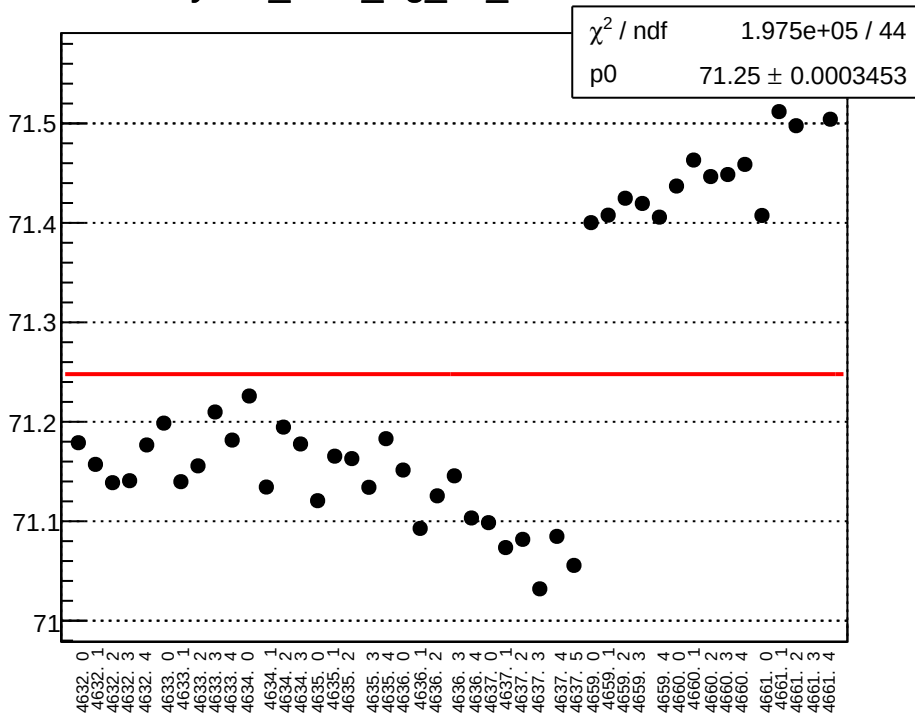
yield_bcm_an_us_mean vs run



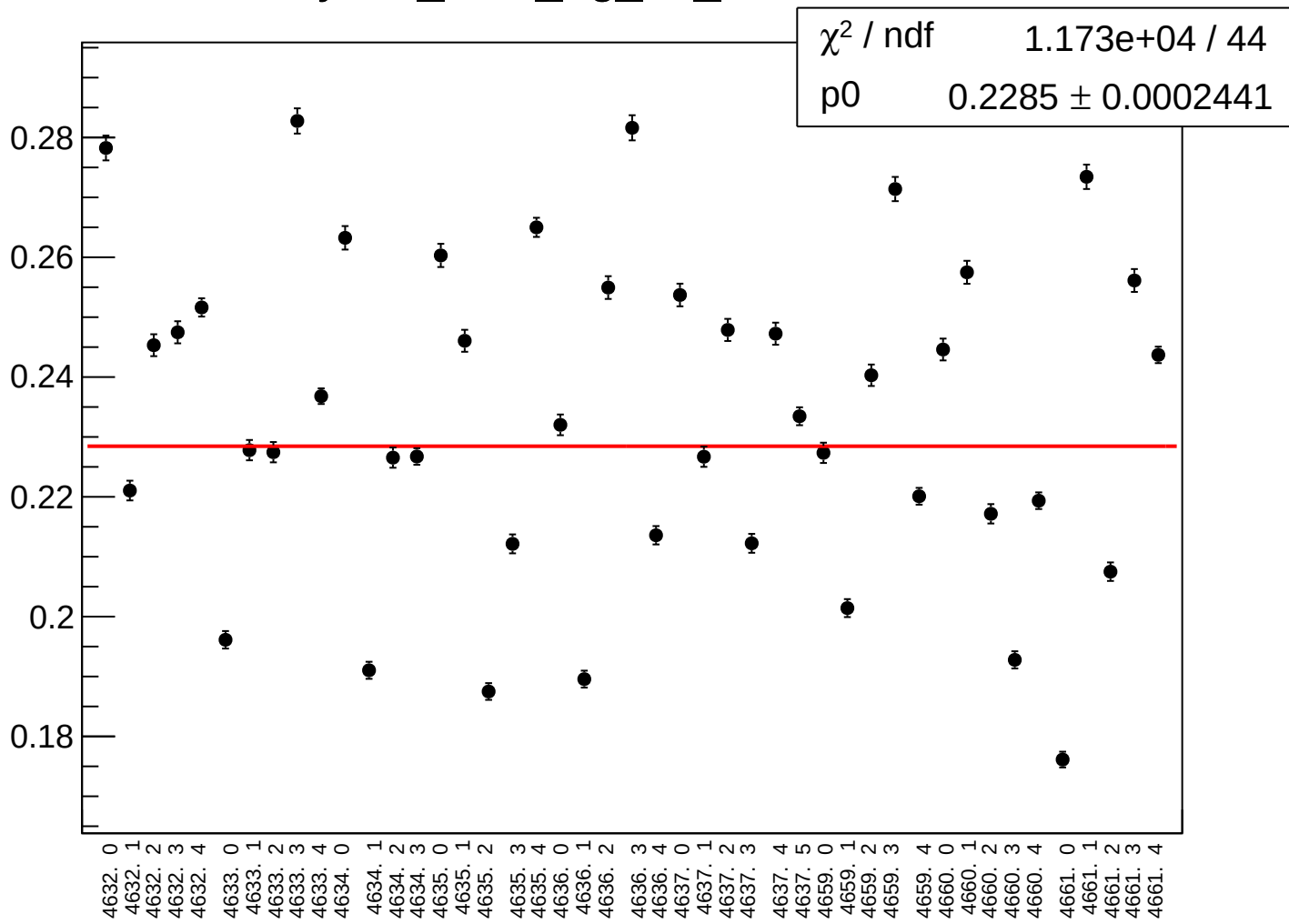
yield_bcm_an_us_rms vs run



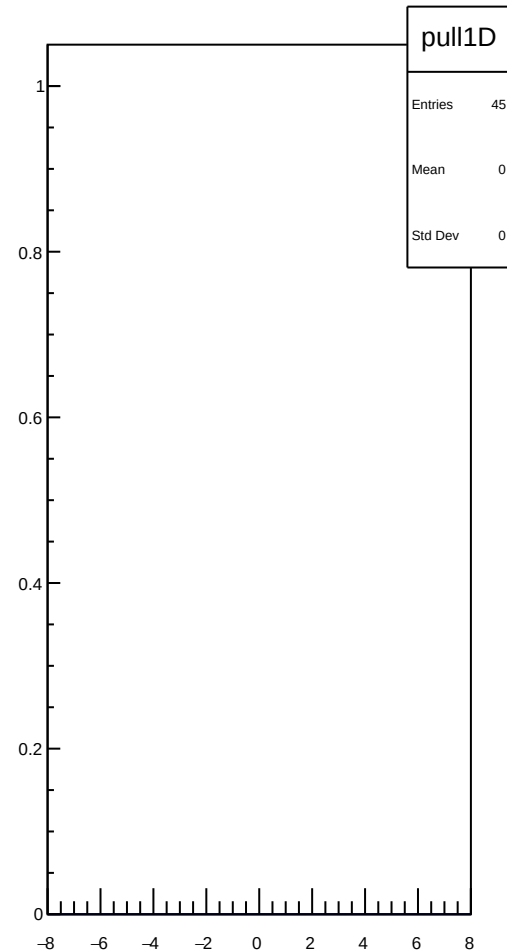
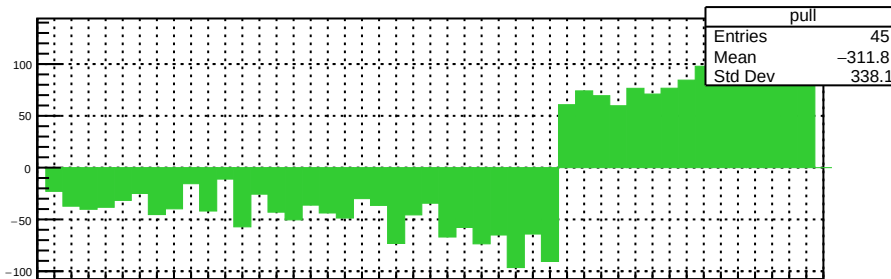
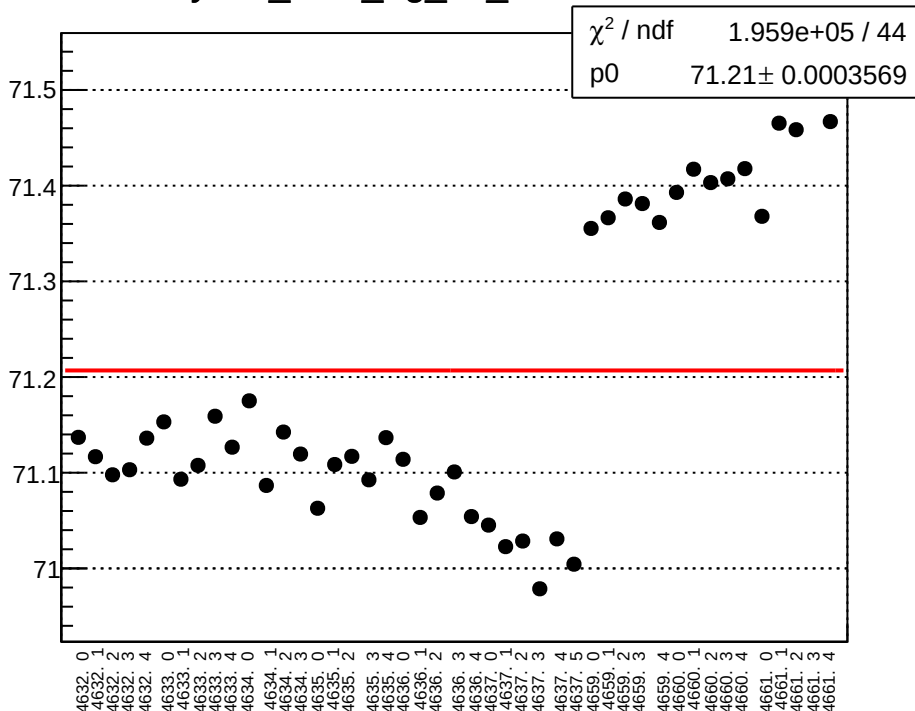
yield_bcm_dg_us_mean vs run



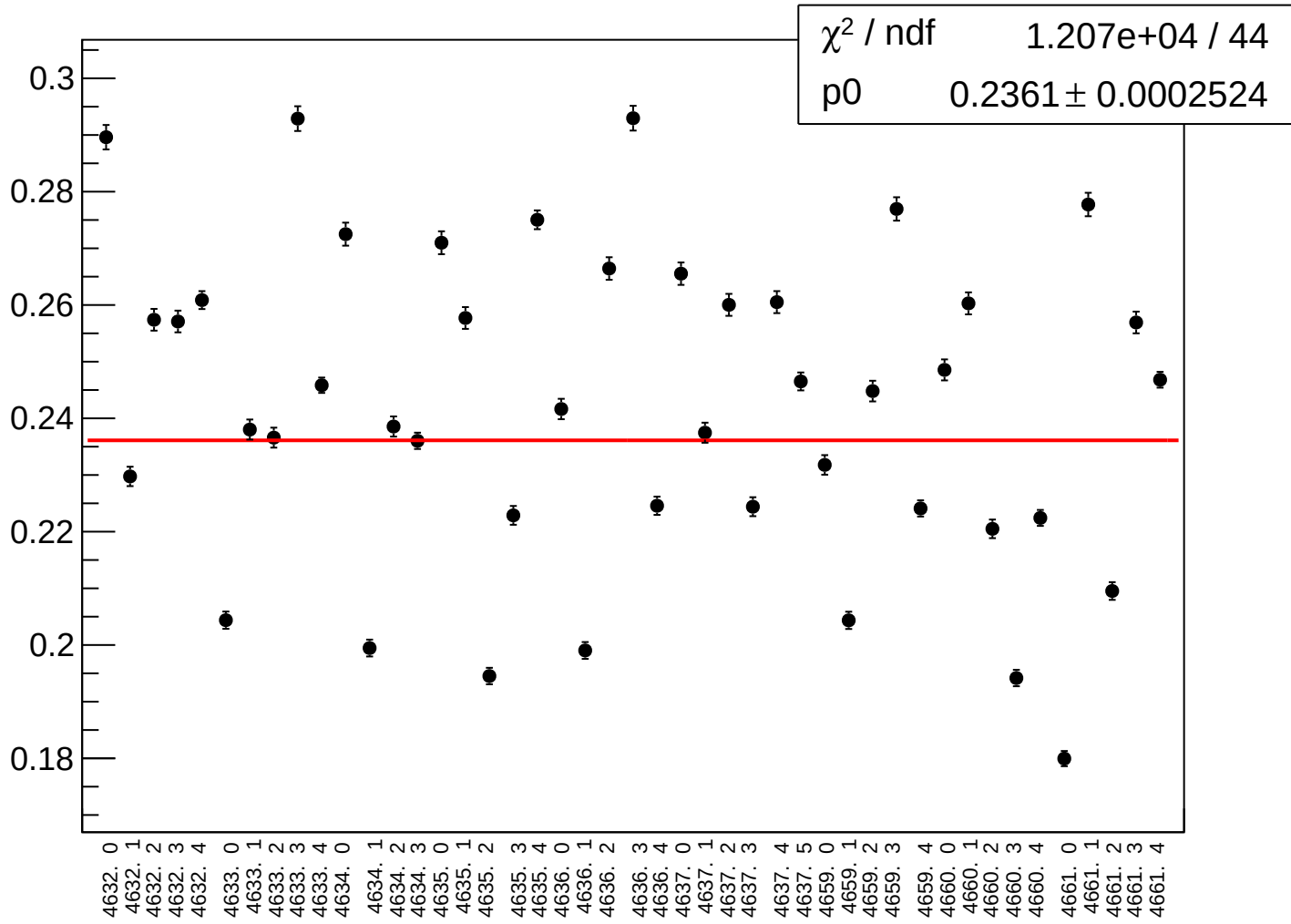
yield_bcm_dg_us_rms vs run



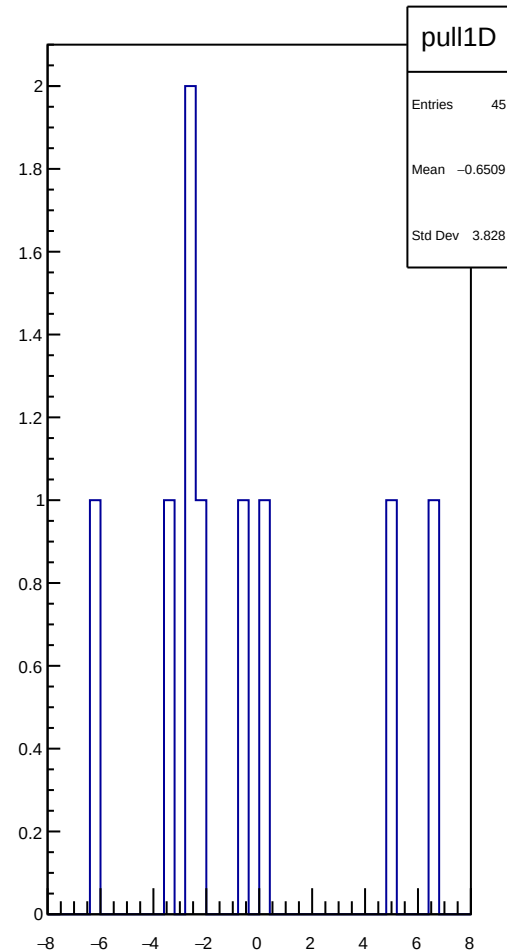
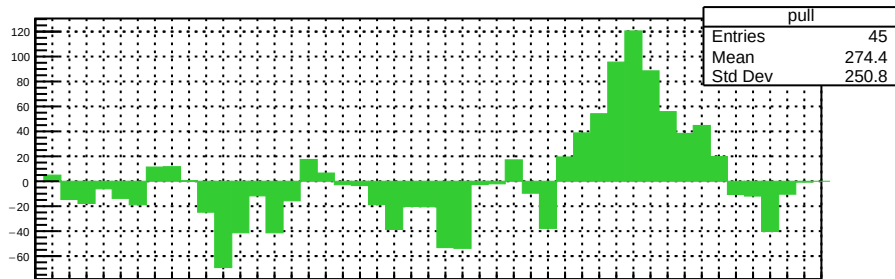
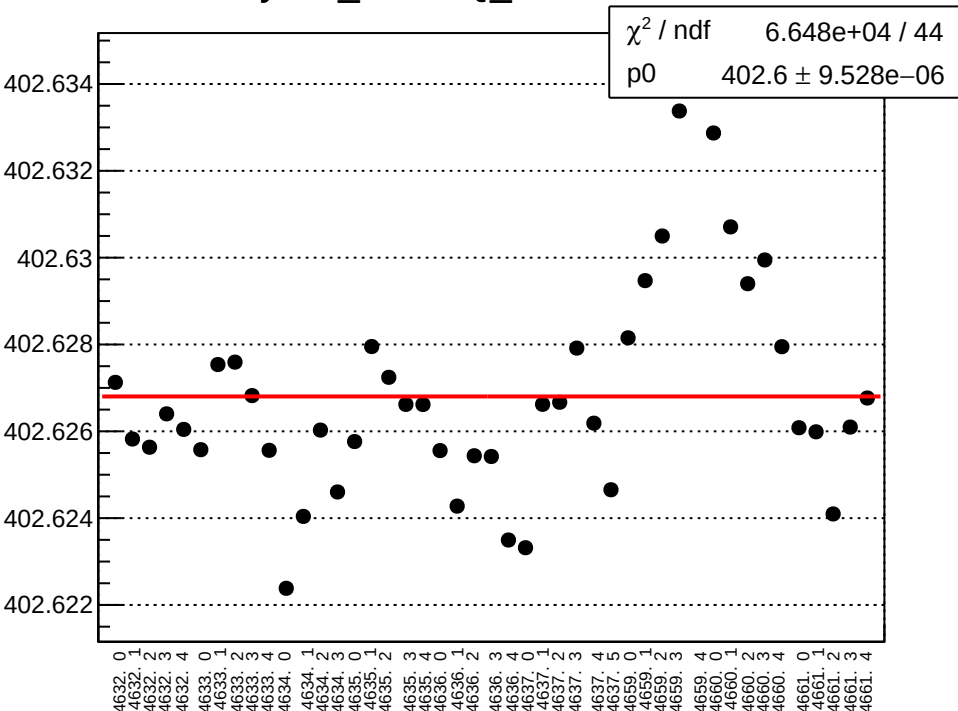
yield_bcm_dg_ds_mean vs run



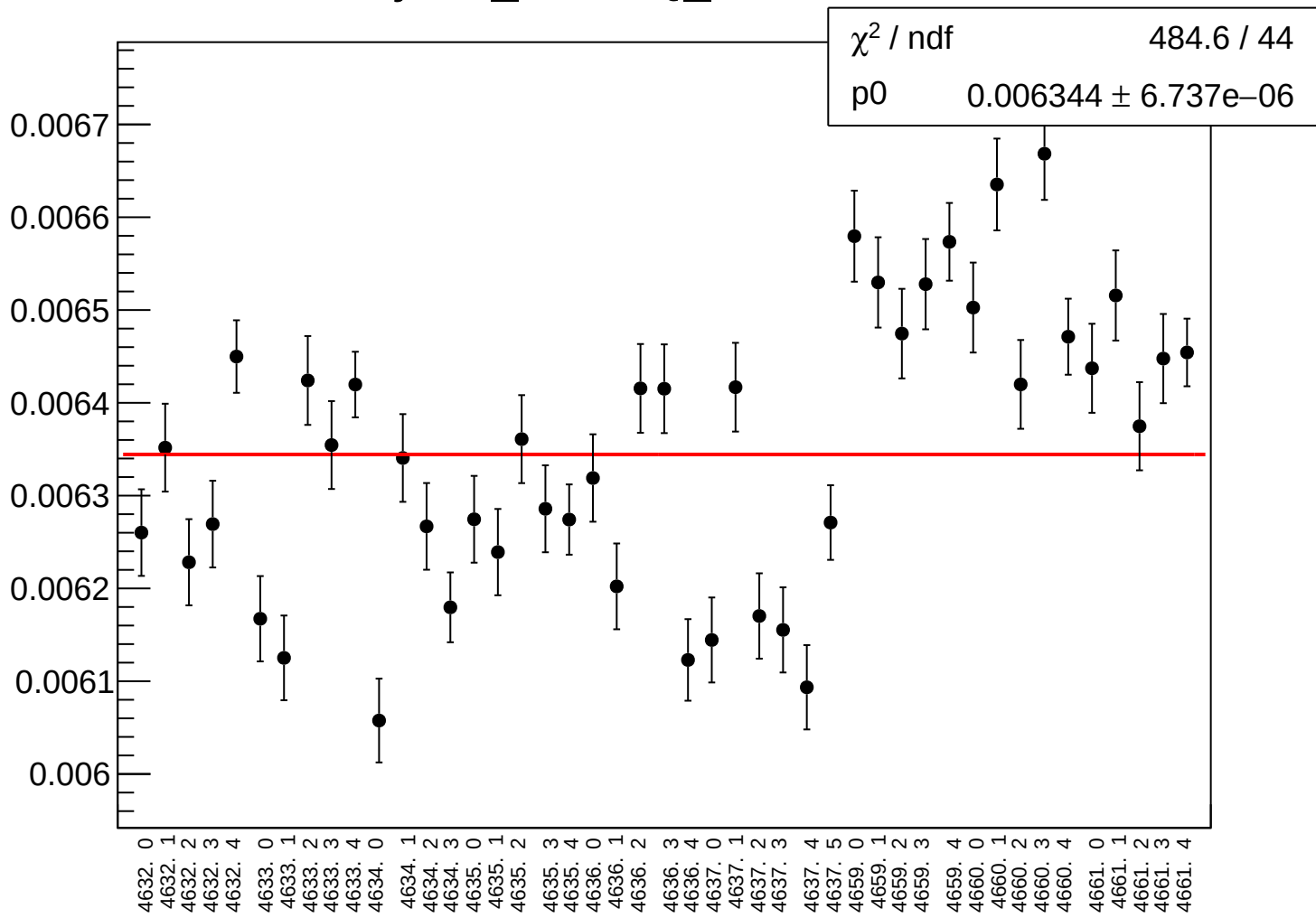
yield_bcm_dg_ds_rms vs run



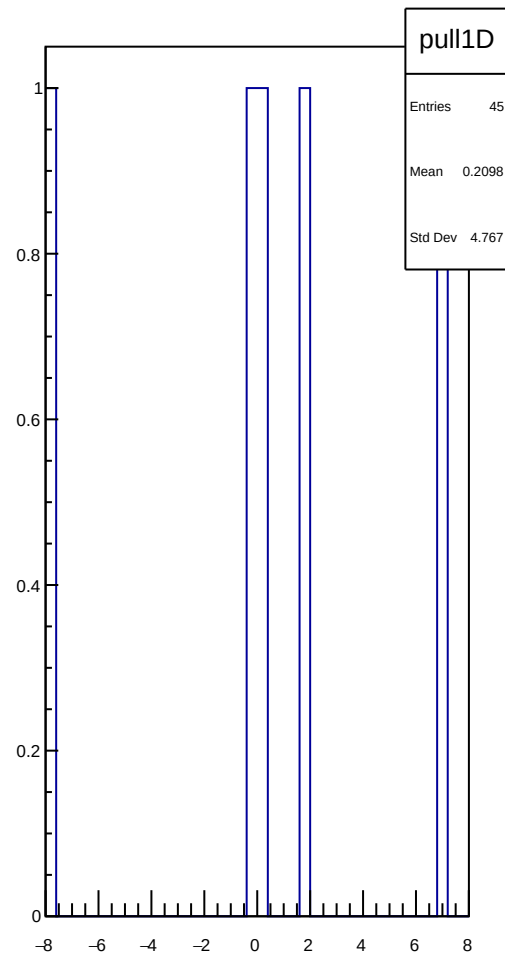
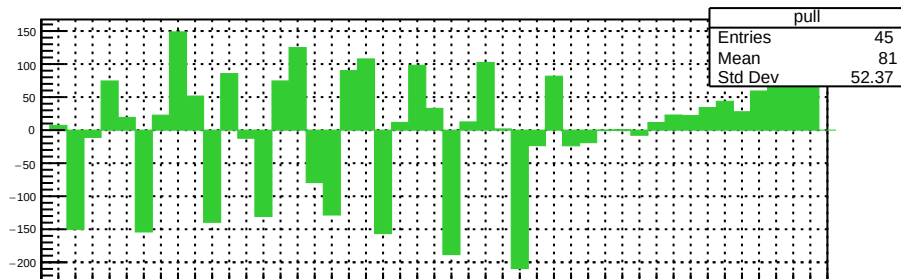
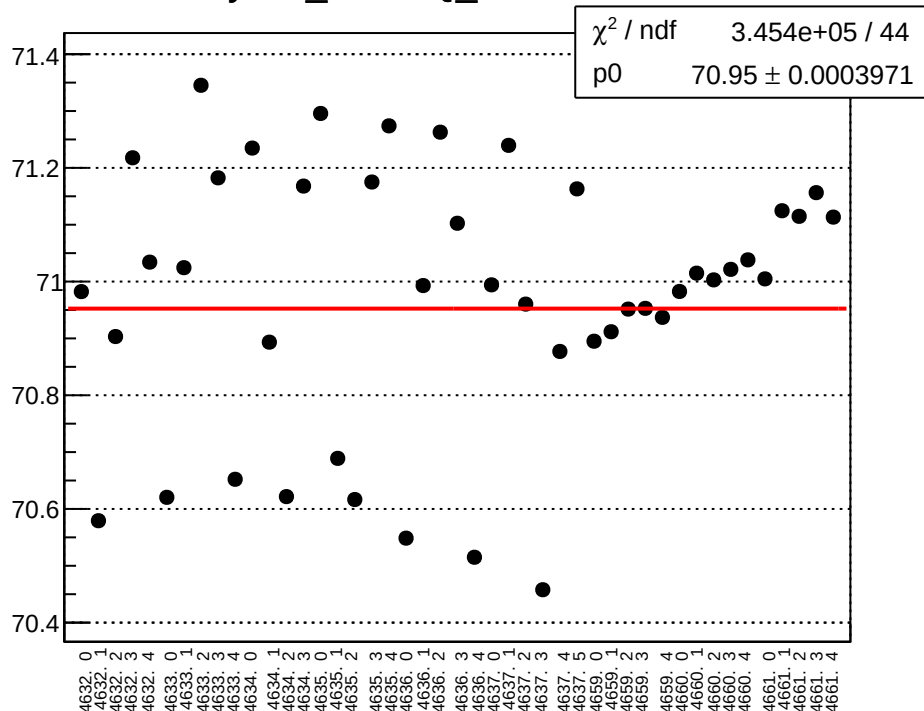
yield_cav4bQ_mean vs run



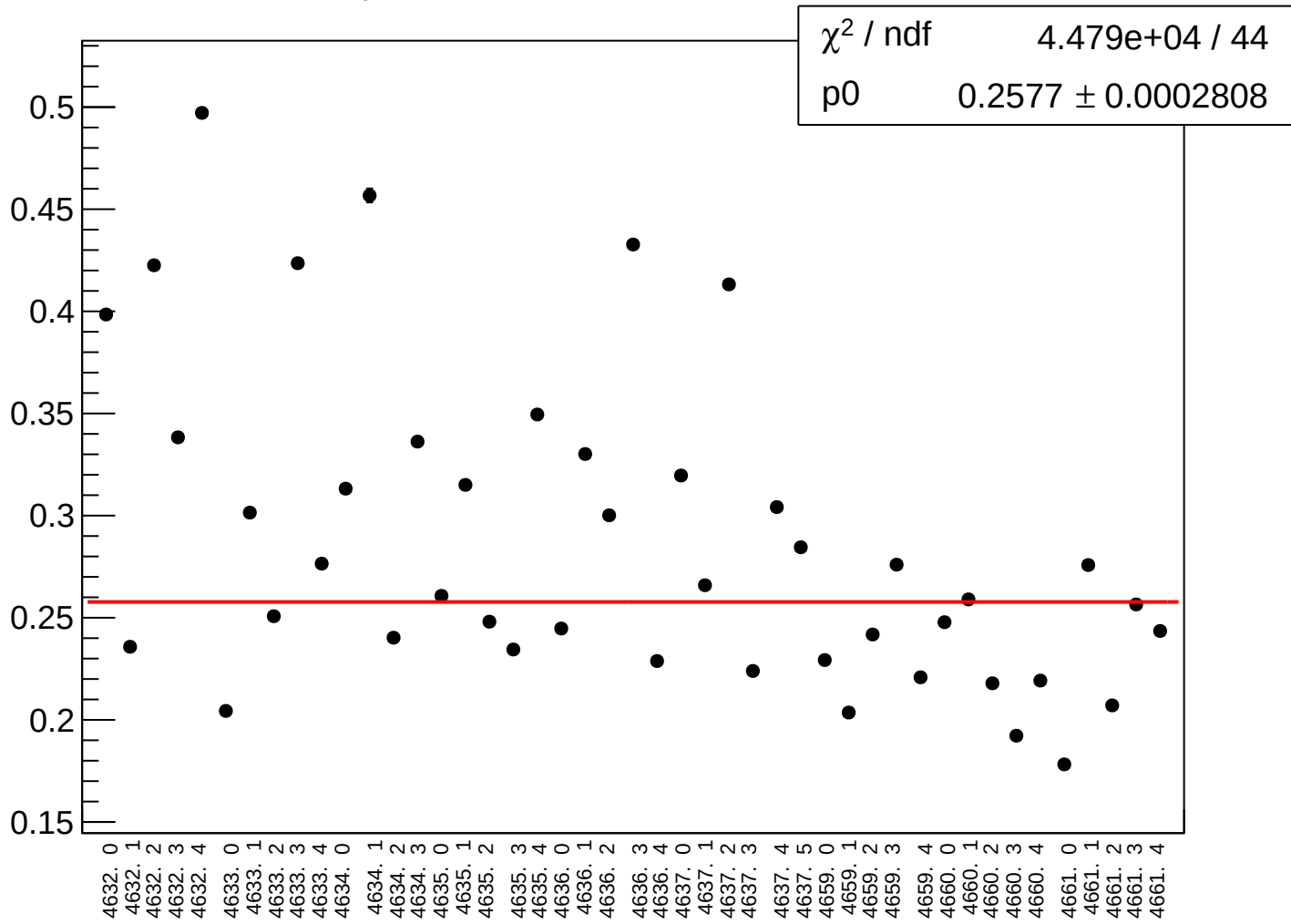
yield_cav4bQ_rms vs run



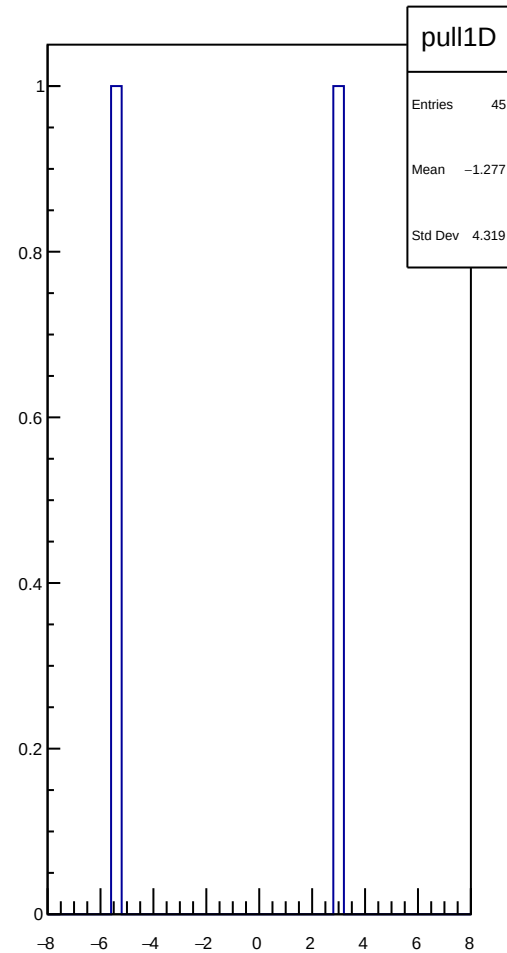
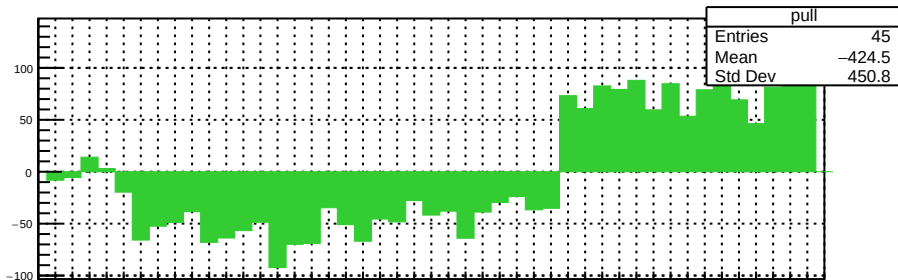
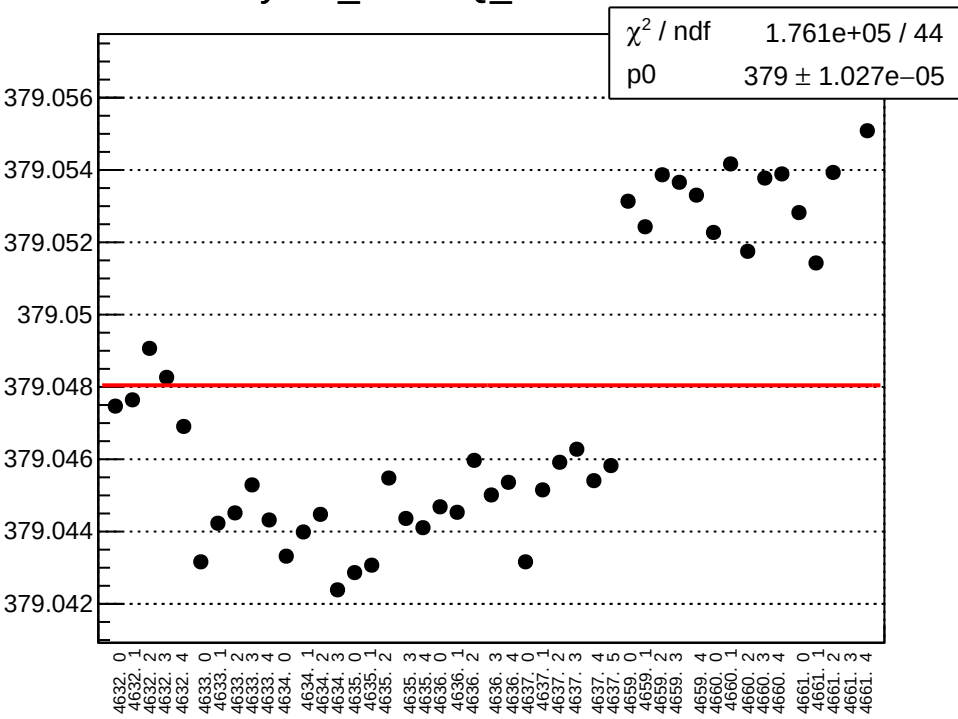
yield_cav4cQ_mean vs run



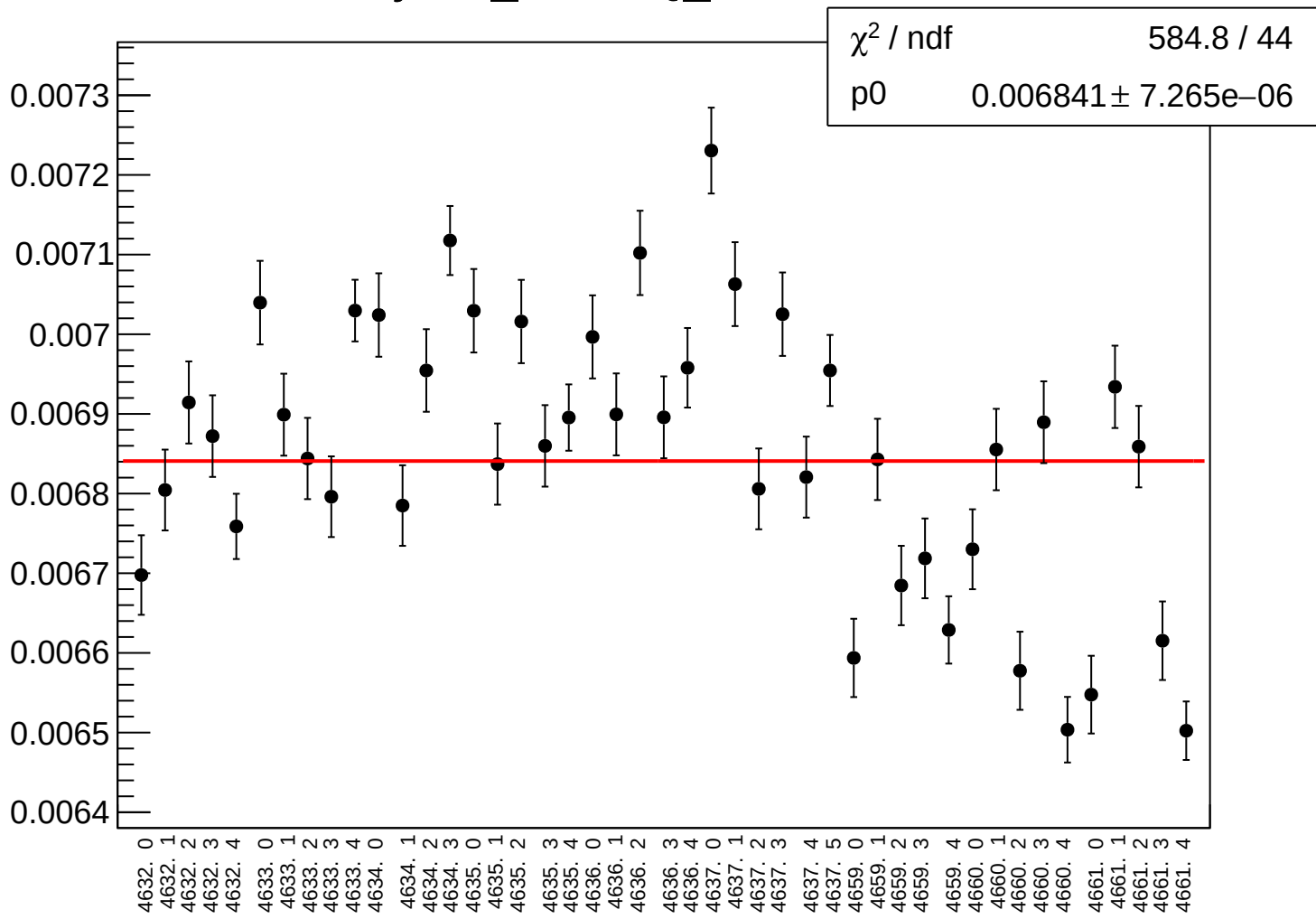
yield_cav4cQ_rms vs run



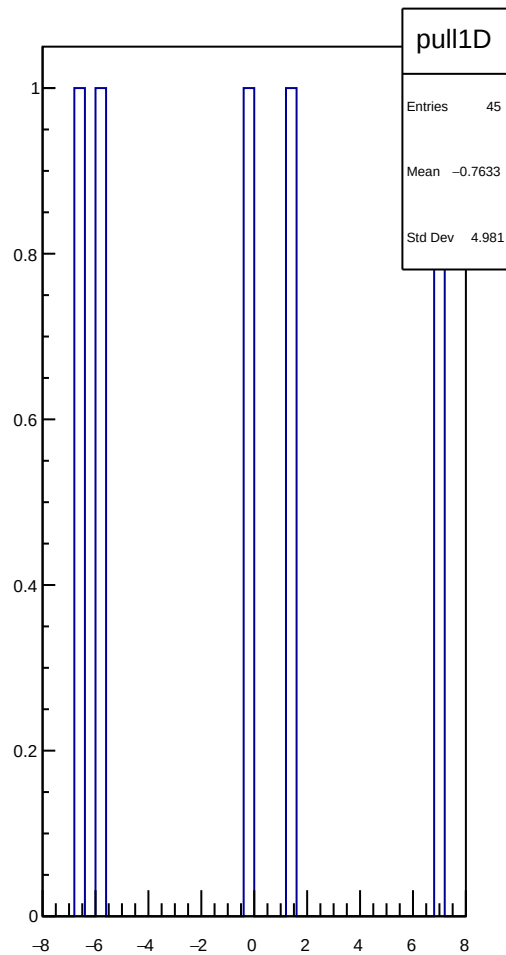
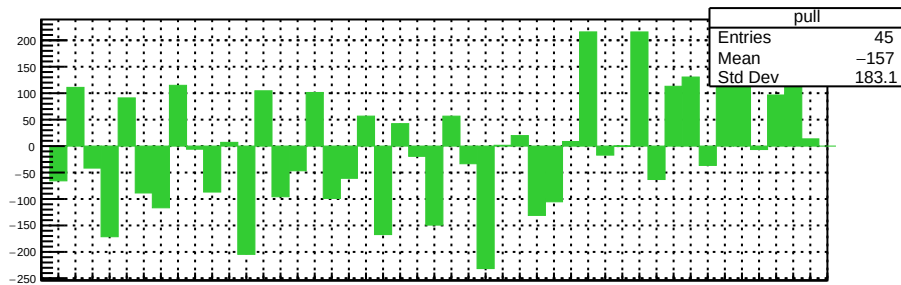
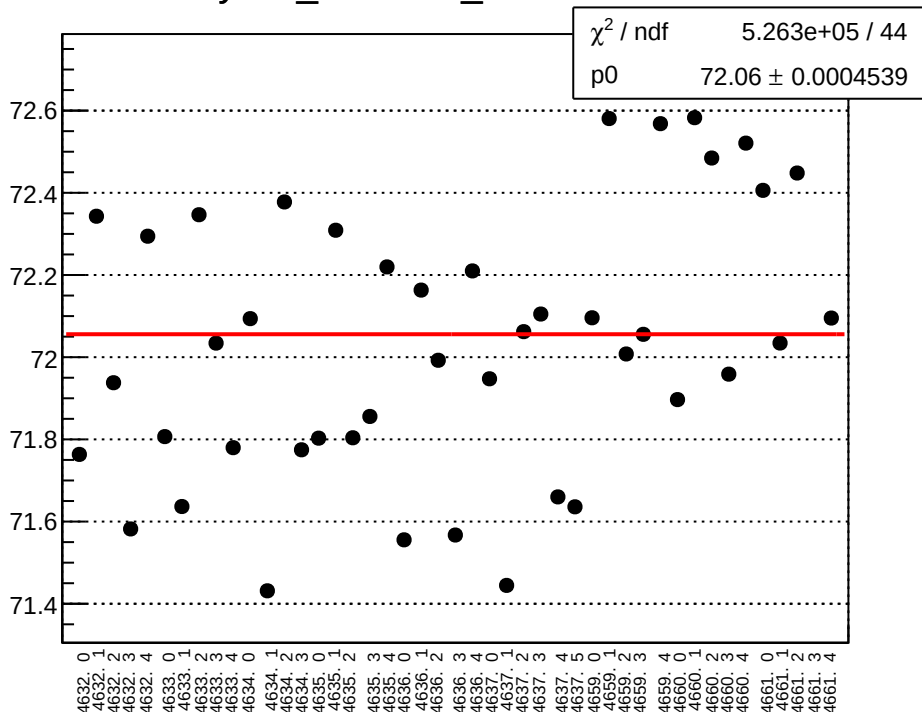
yield_cav4dQ_mean vs run



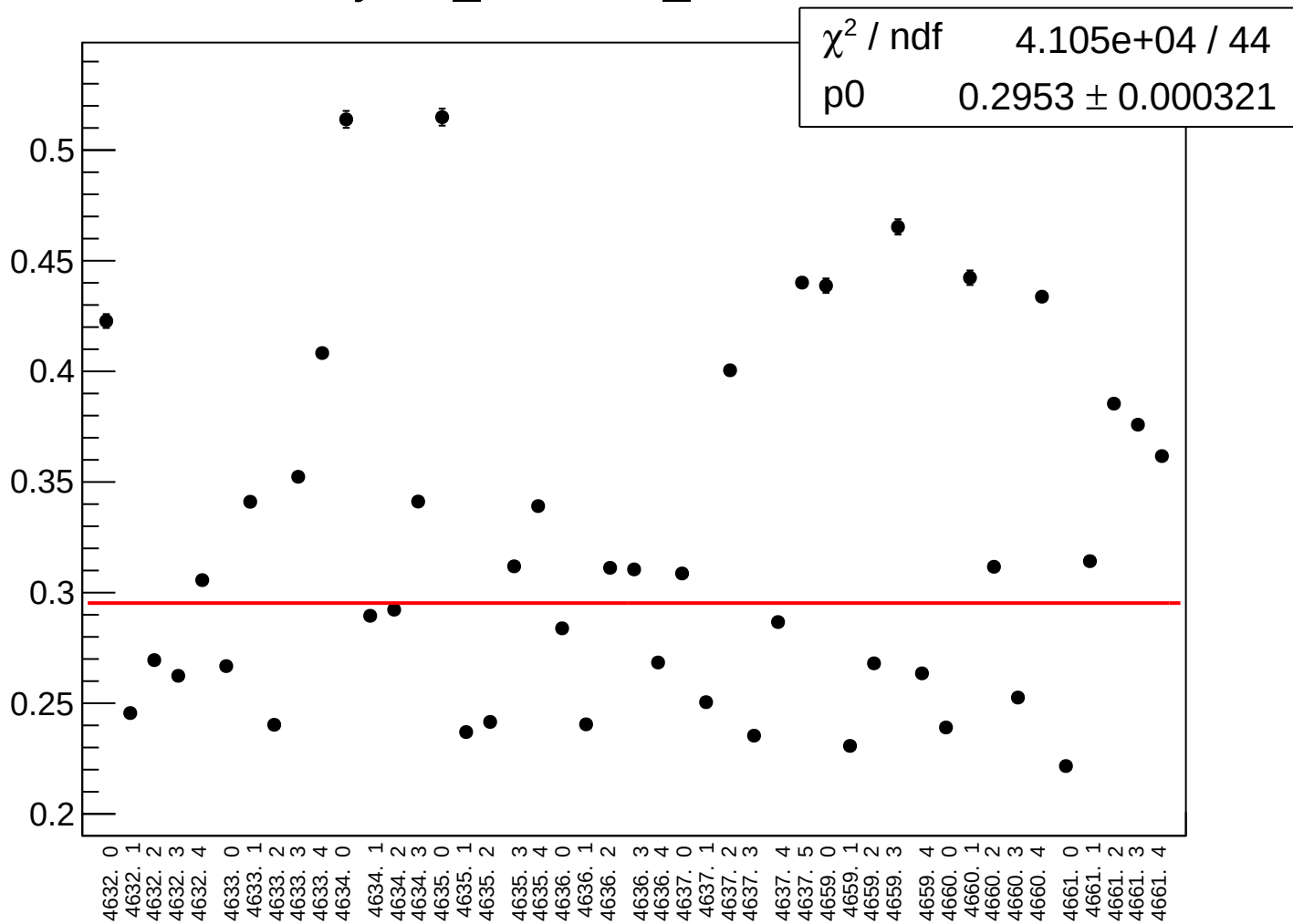
yield_cav4dQ_rms vs run



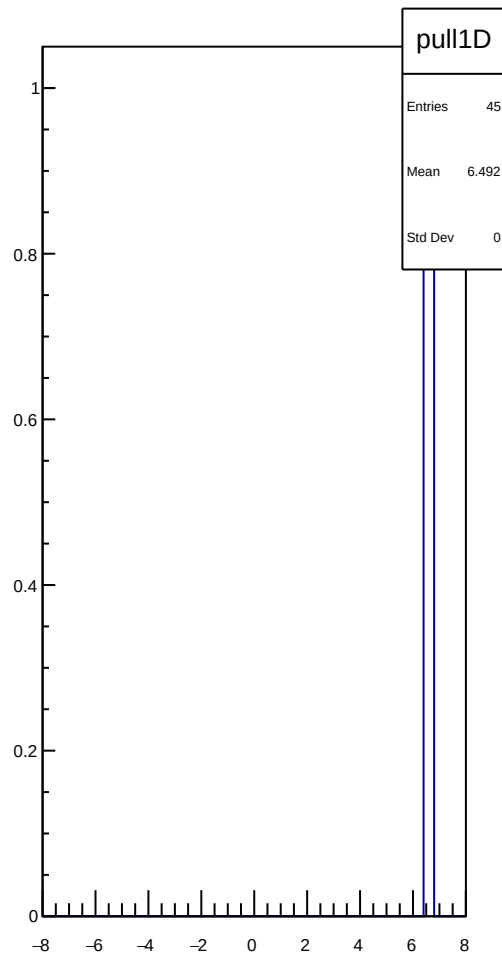
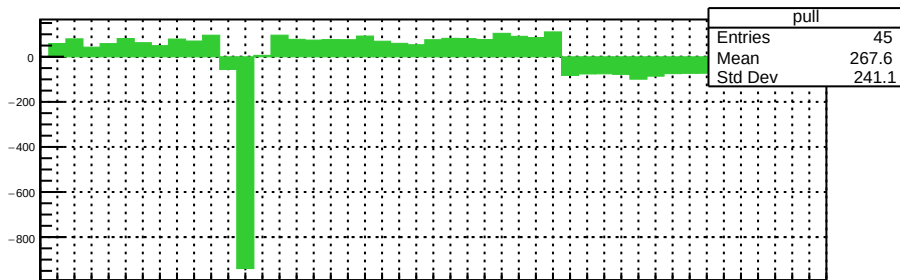
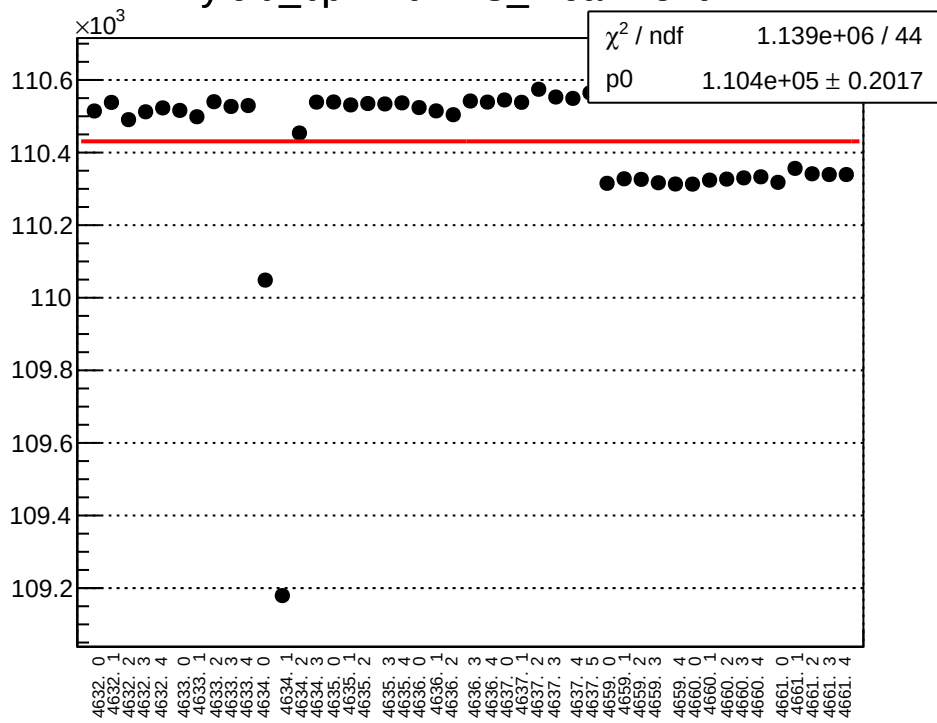
yield_bcm0l02_mean vs run



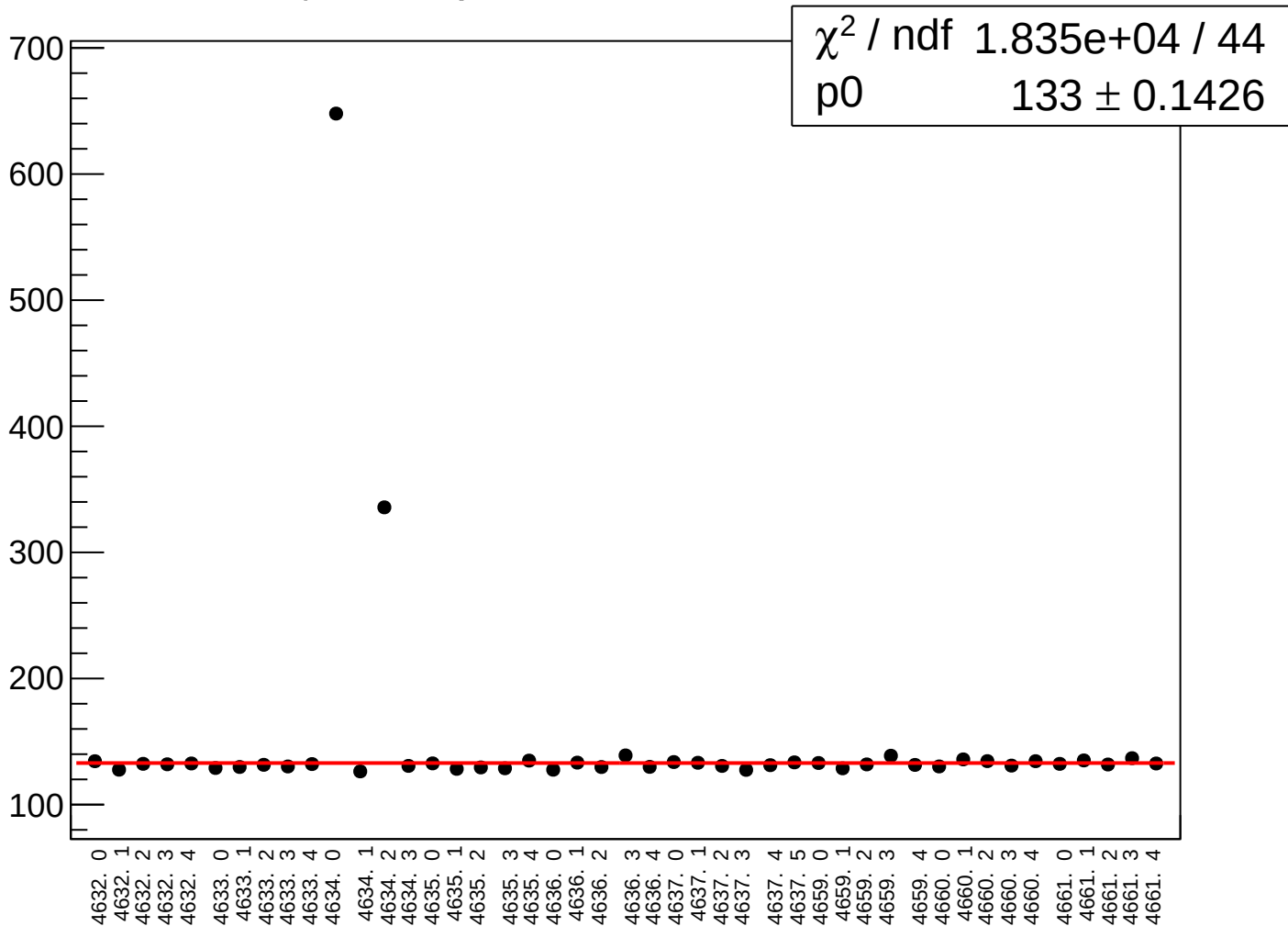
yield_bcm0l02_rms vs run



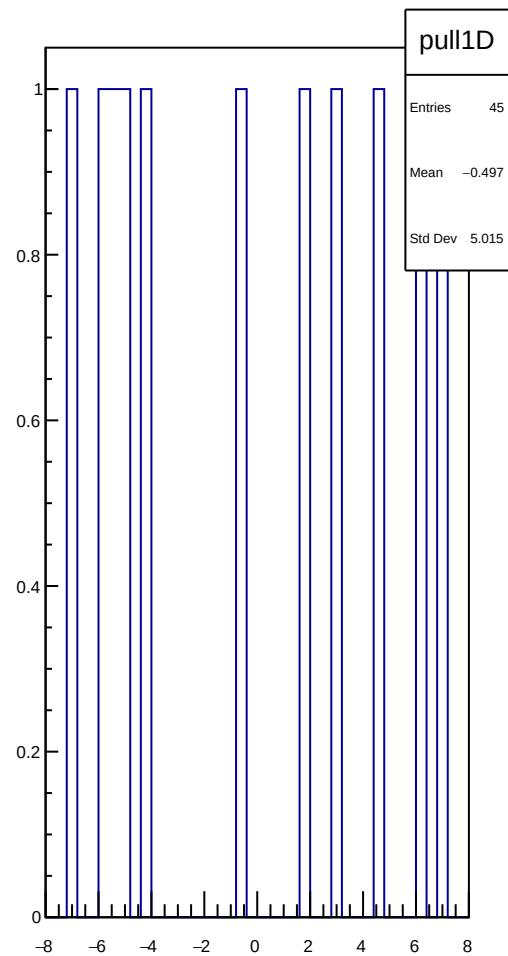
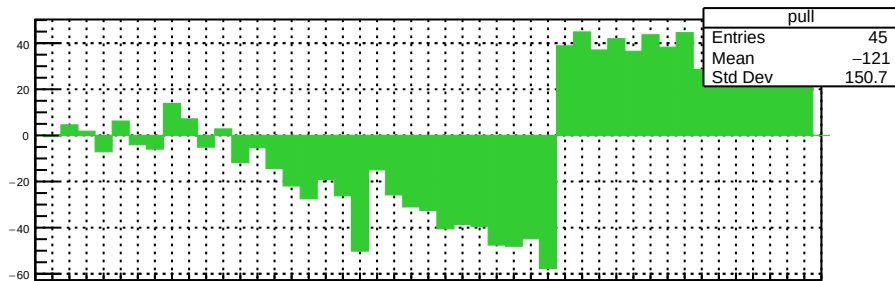
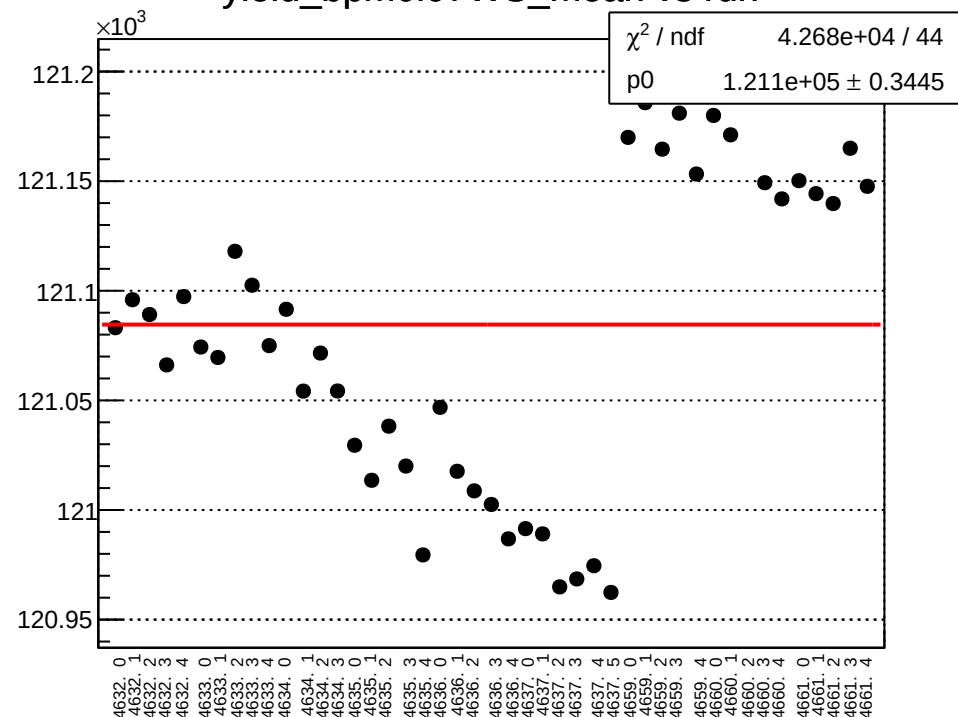
yield_bpm2i01WS_mean vs run



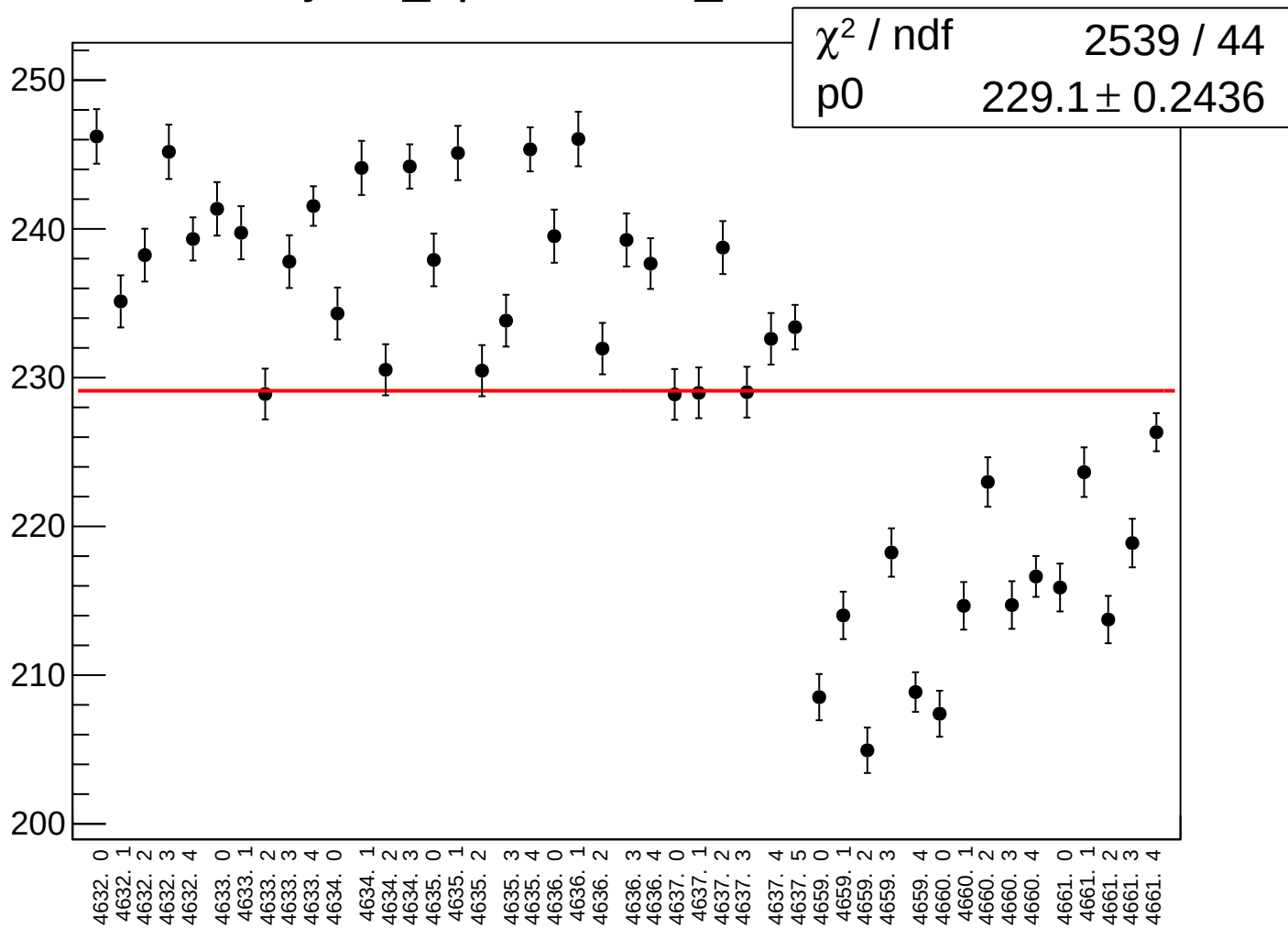
yield_bpm2i01WS_rms vs run



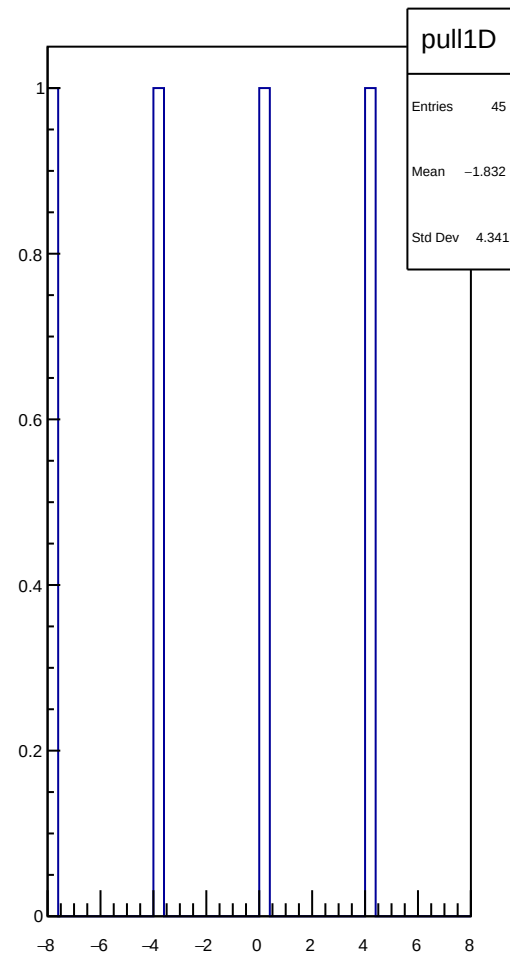
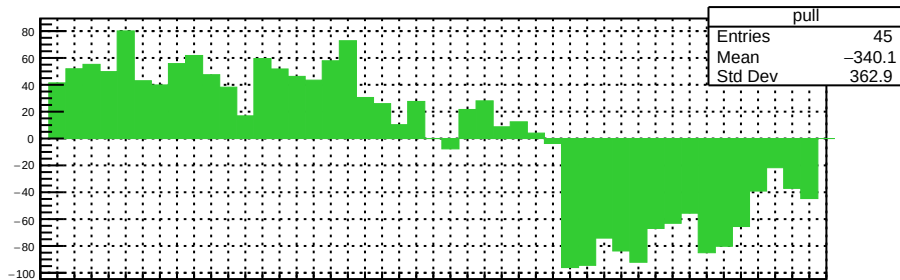
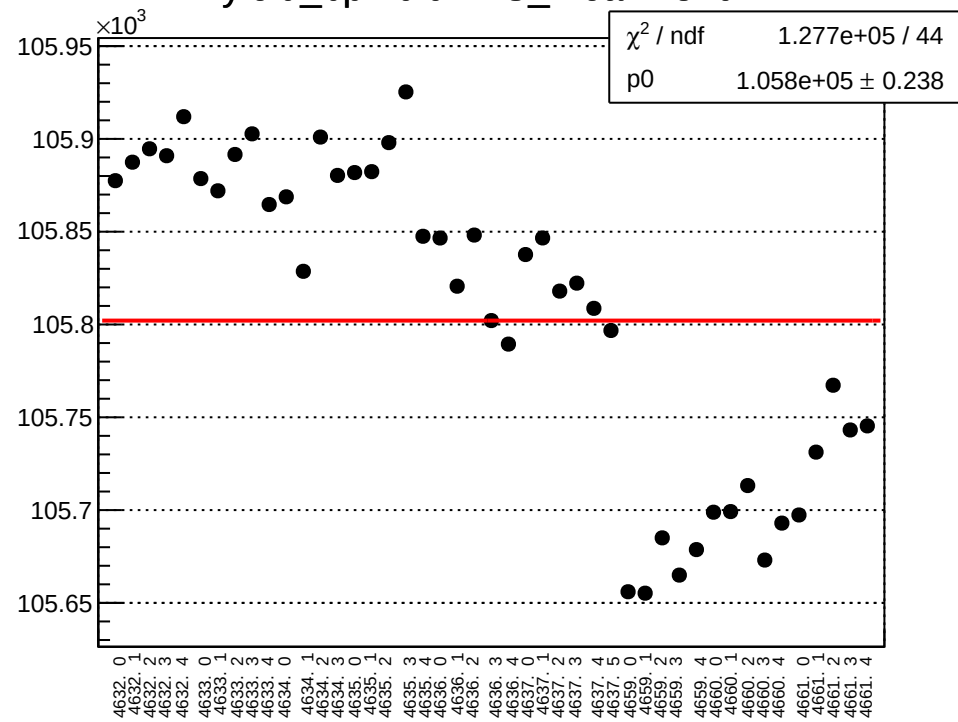
yield_bpm0i07WS_mean vs run



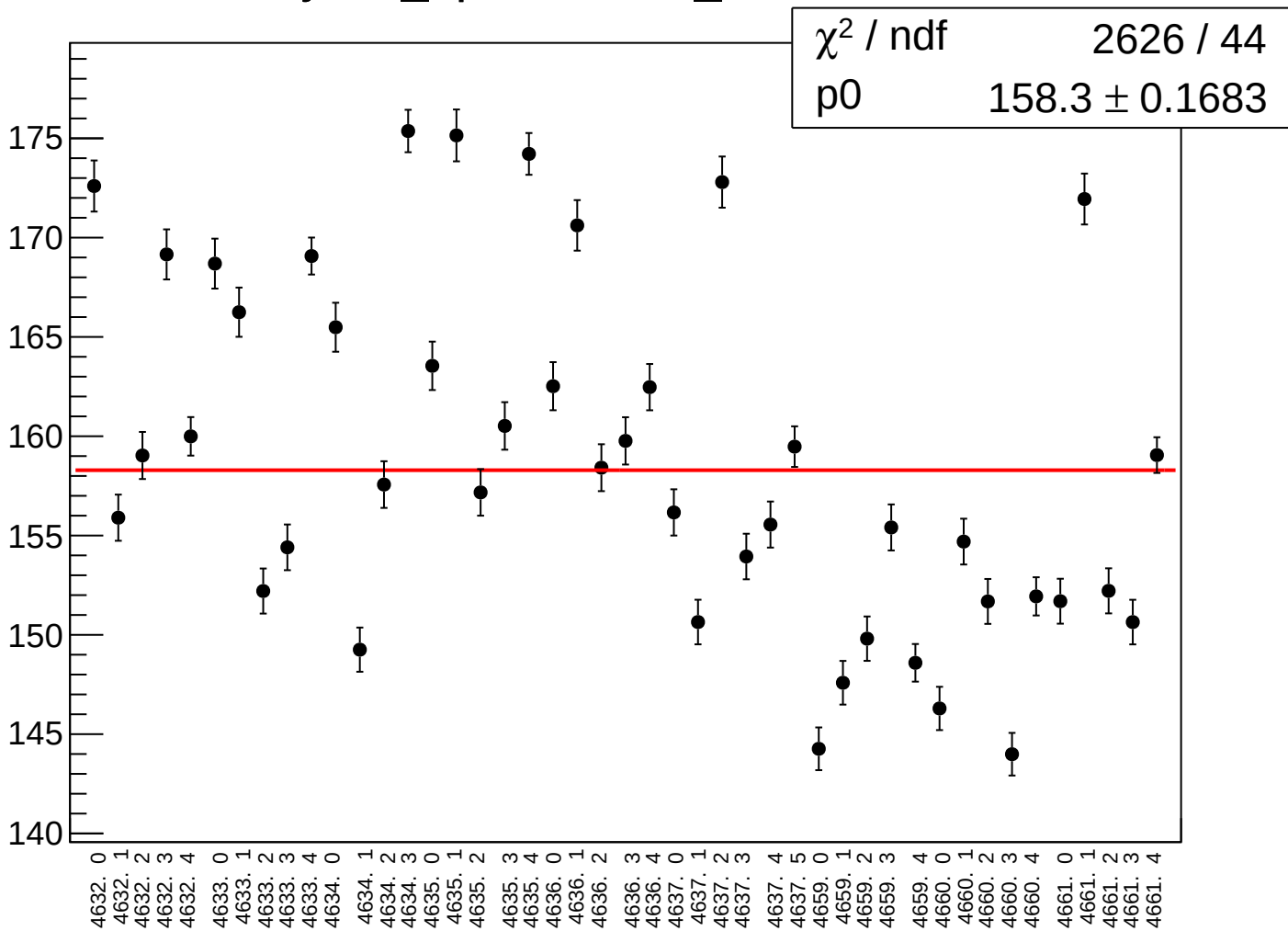
yield_bpm0i07WS_rms vs run



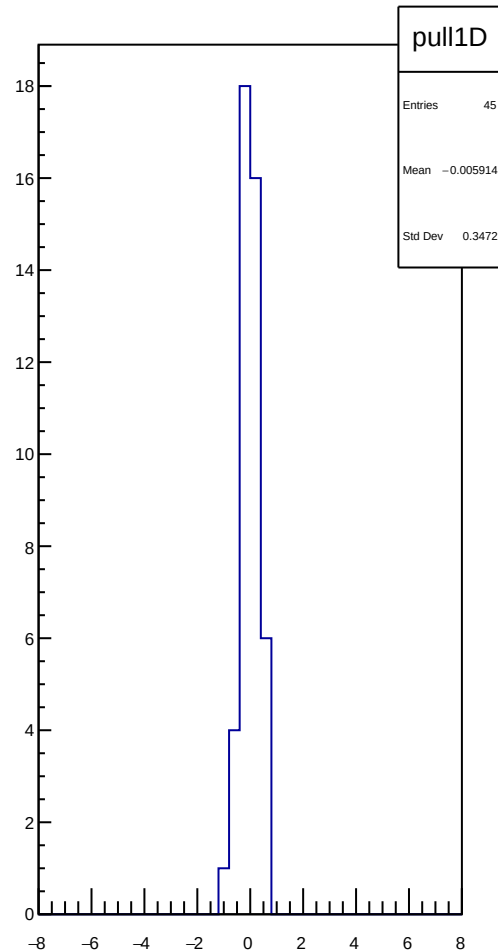
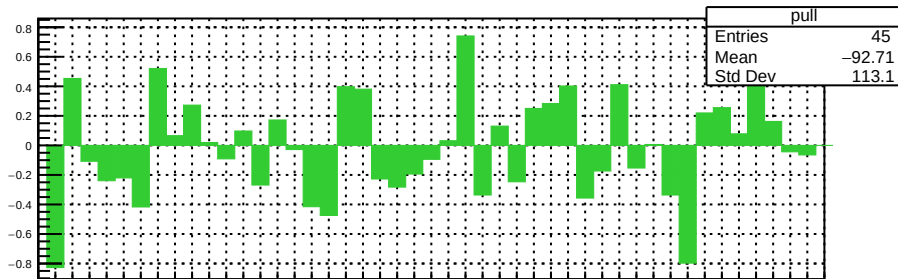
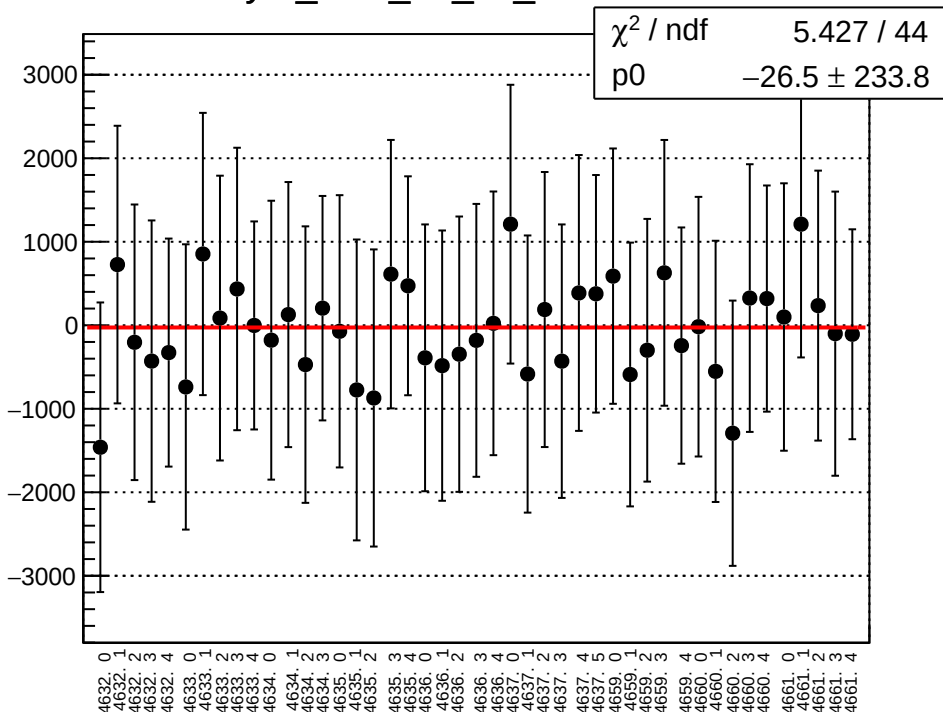
yield_bpm0l01WS_mean vs run



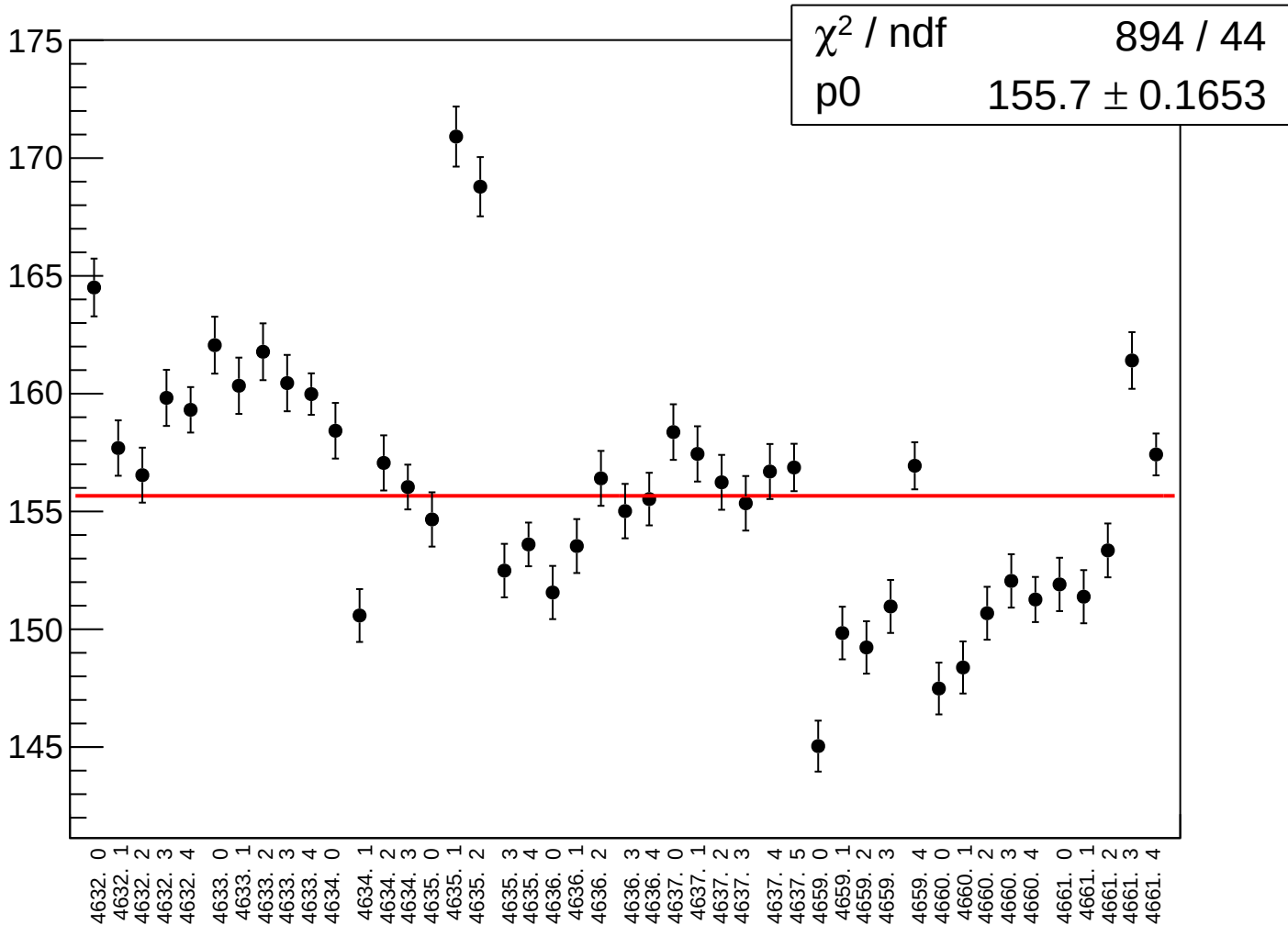
yield_bpm0l01WS_rms vs run



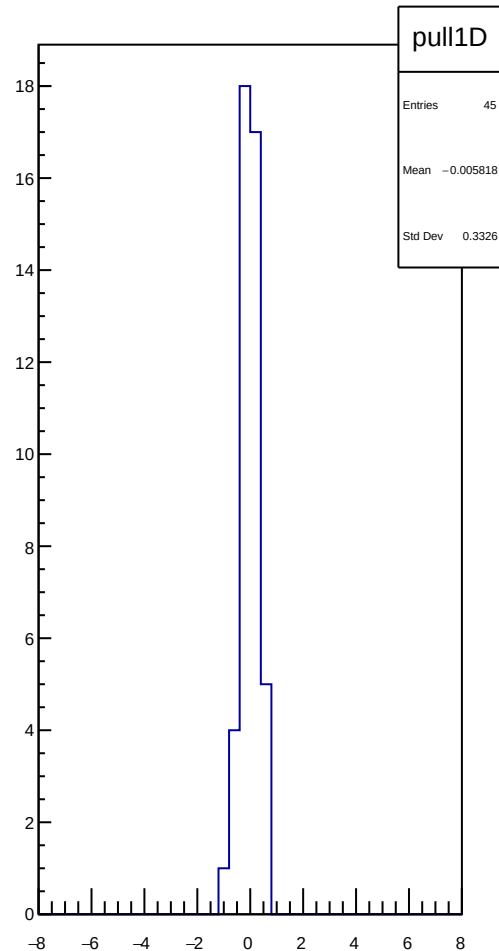
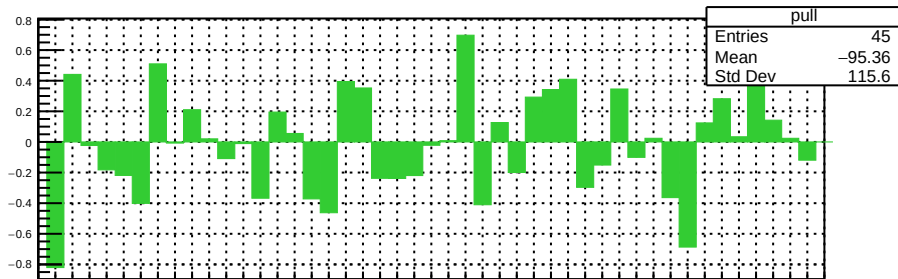
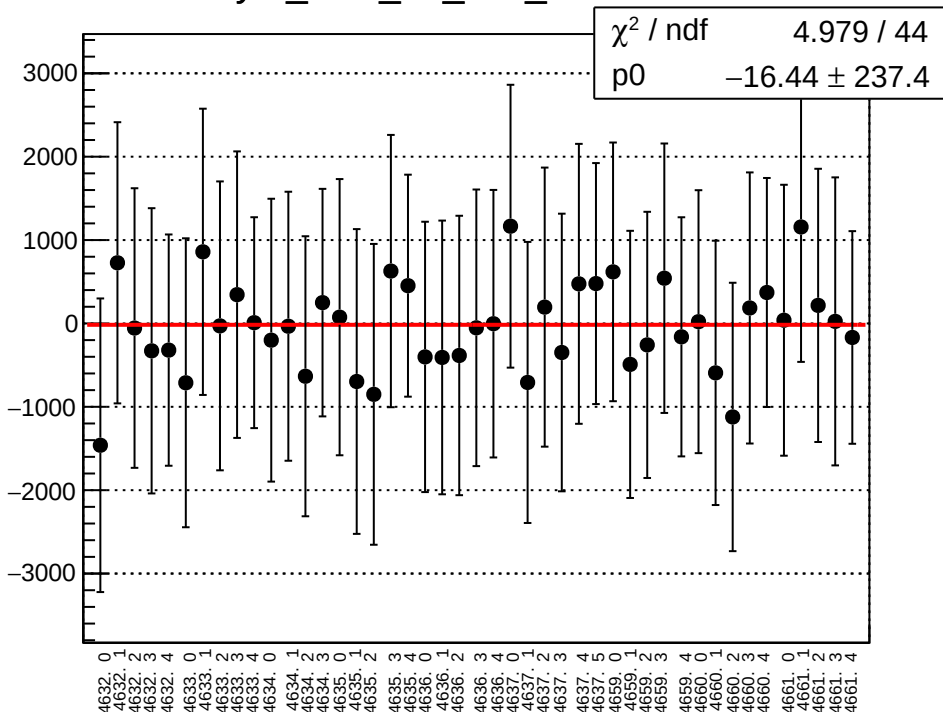
asym_bcm_an_ds_mean vs run



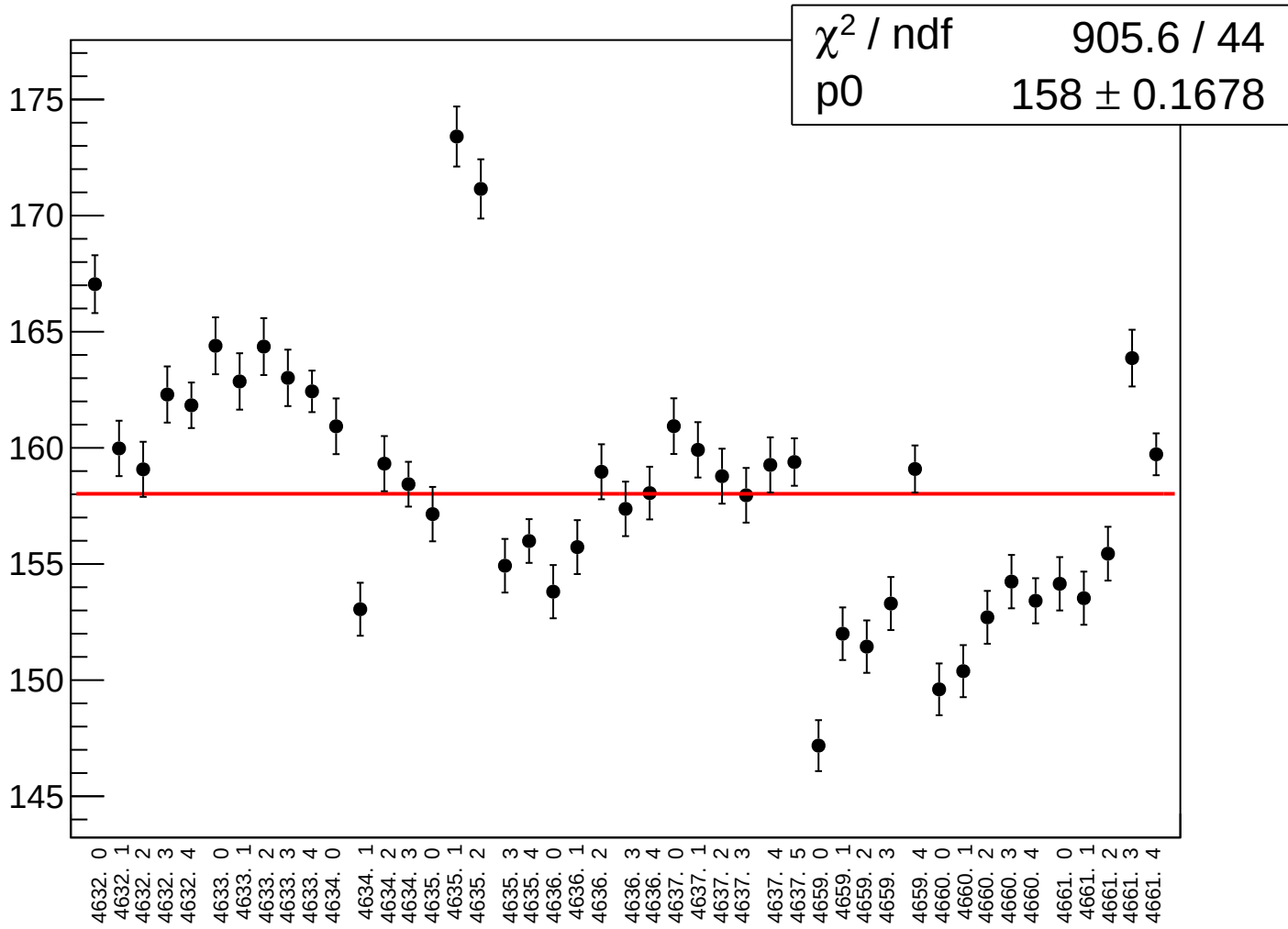
asym_bcm_an_ds_rms vs run



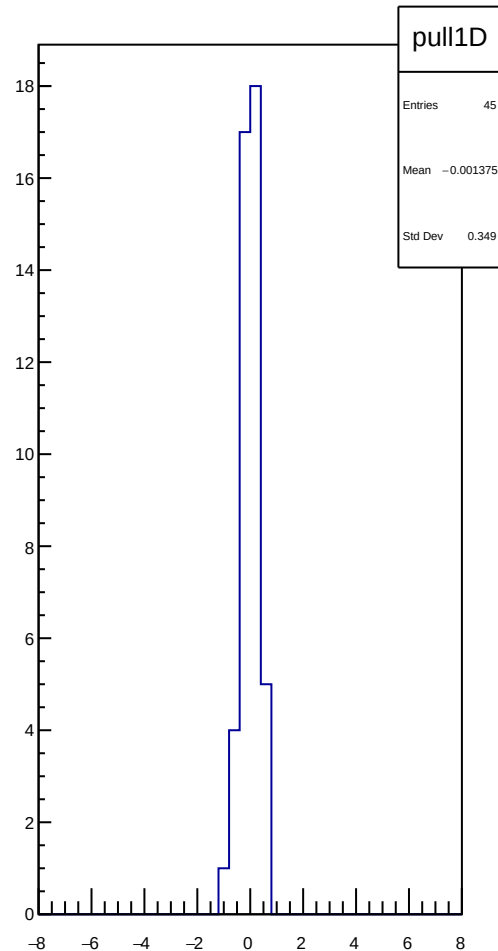
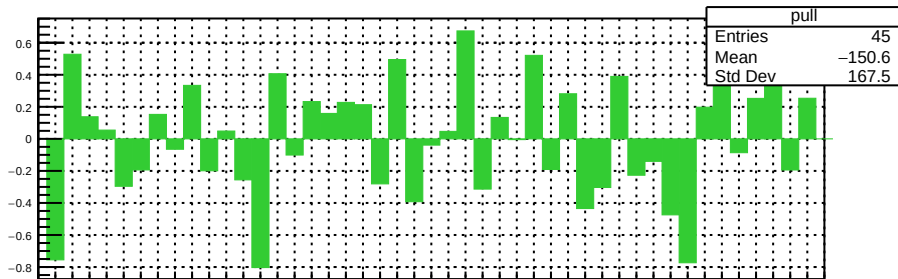
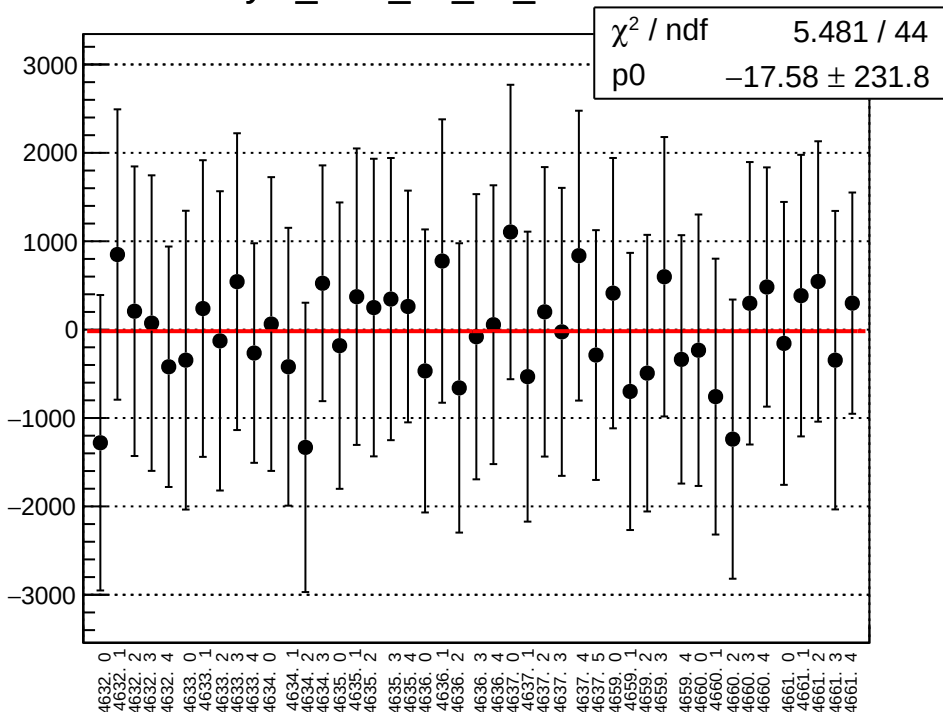
asym_bcm_an_ds3_mean vs run



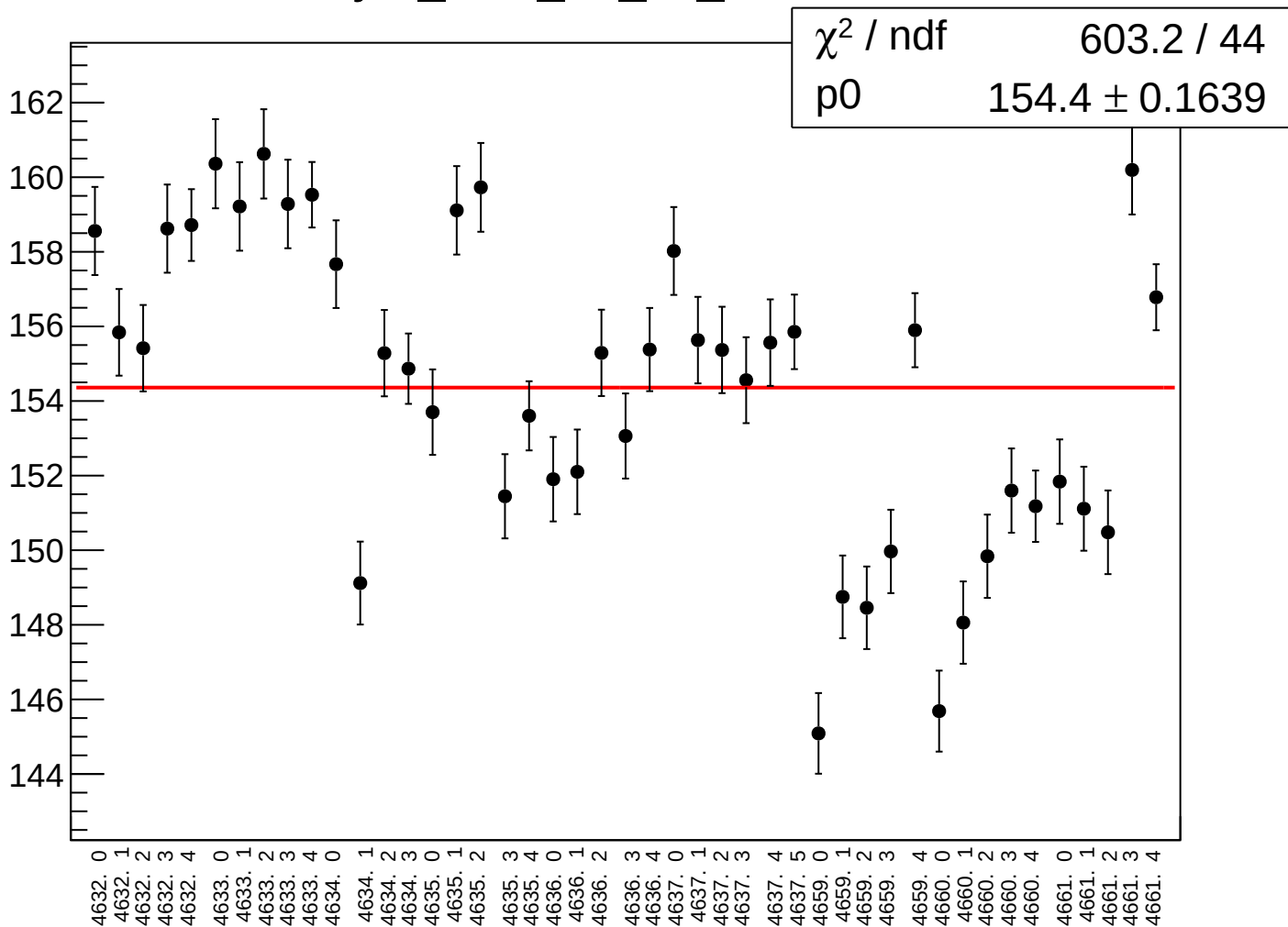
asym_bcm_an_ds3_rms vs run



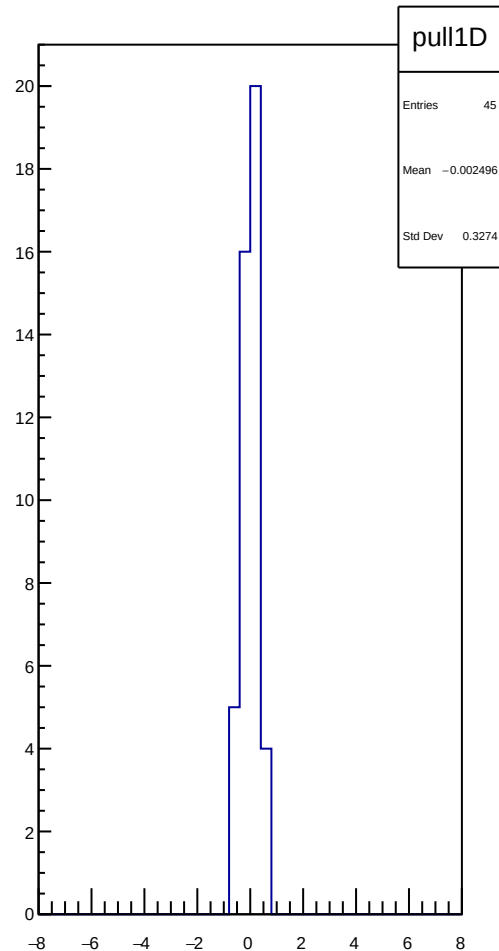
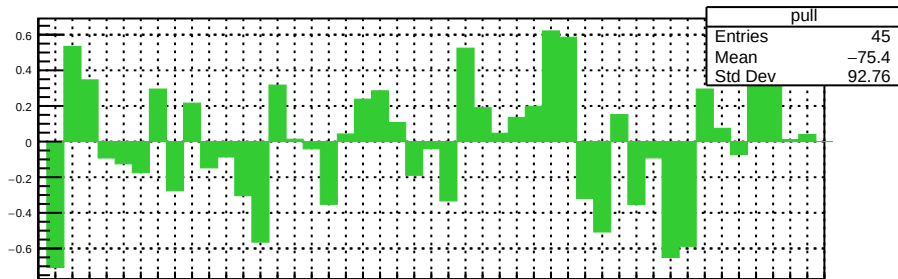
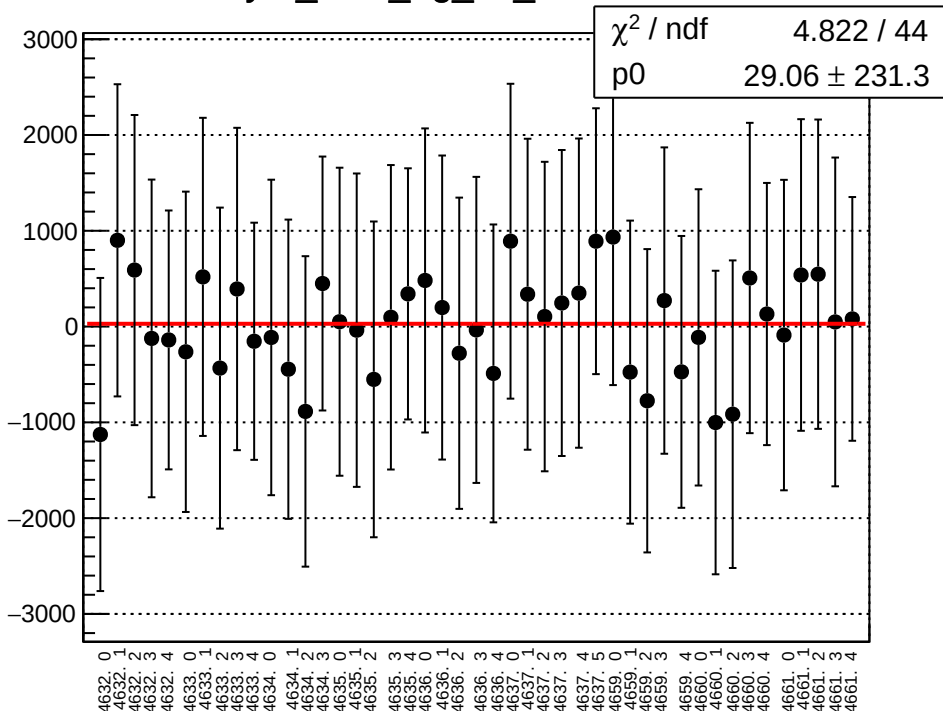
asym_bcm_an_us_mean vs run



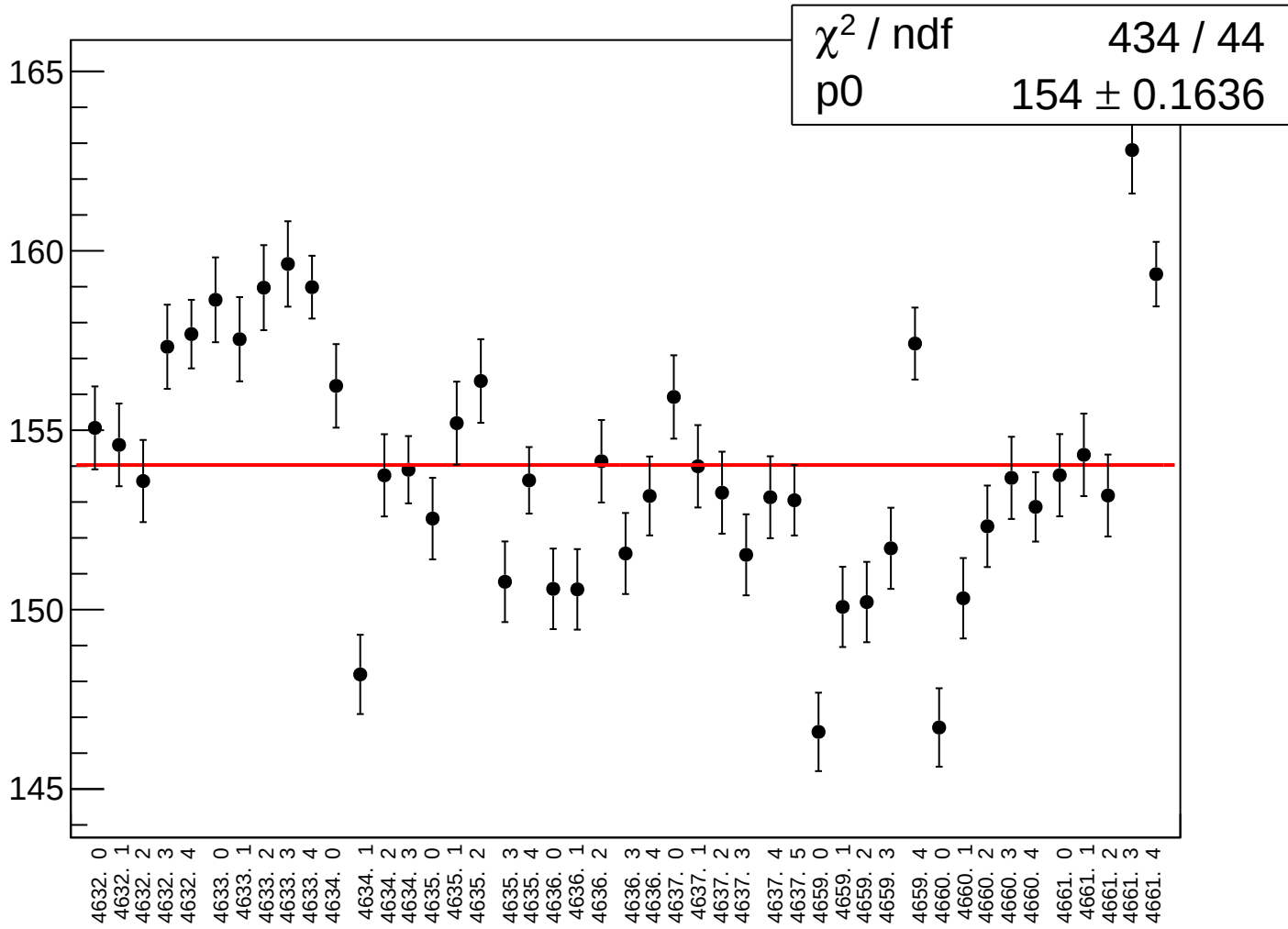
asym_bcm_an_us_rms vs run



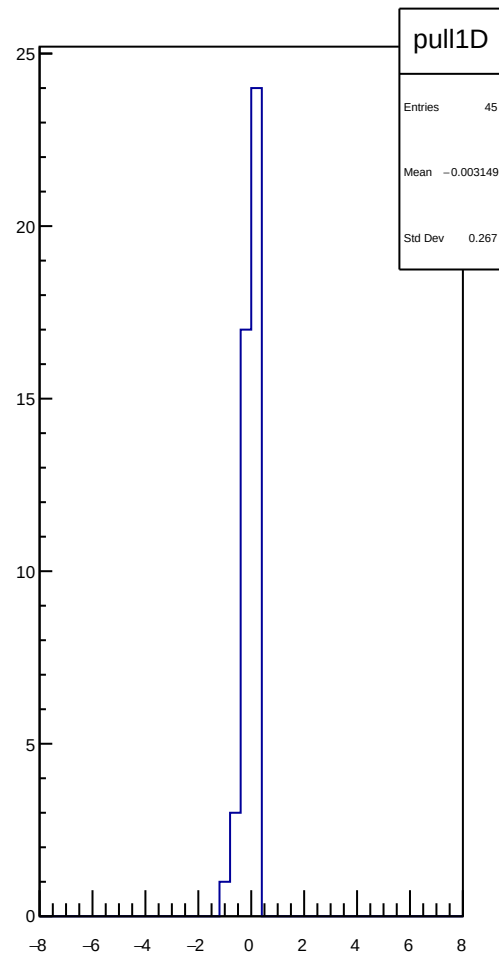
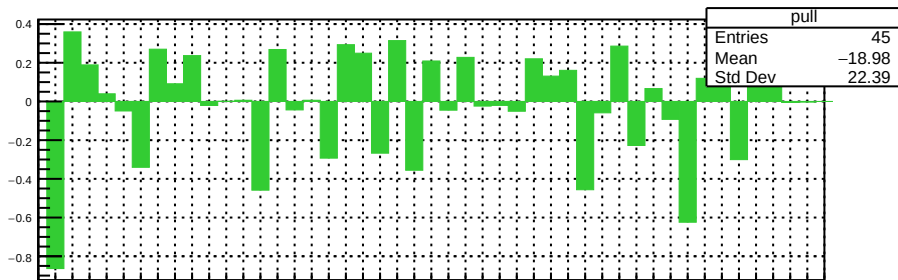
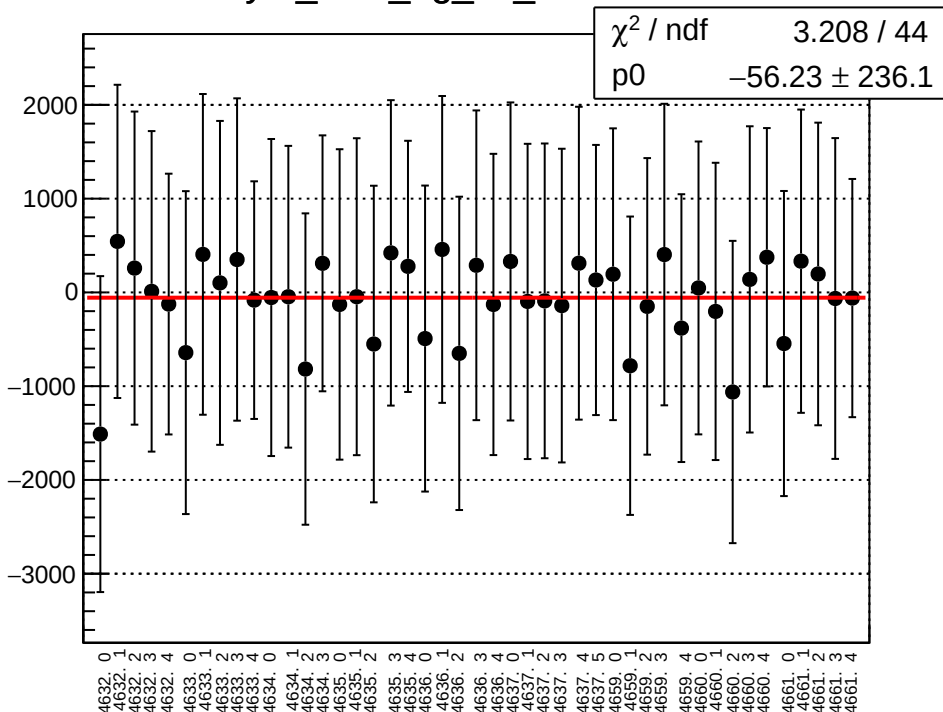
asym_bcm_dg_us_mean vs run



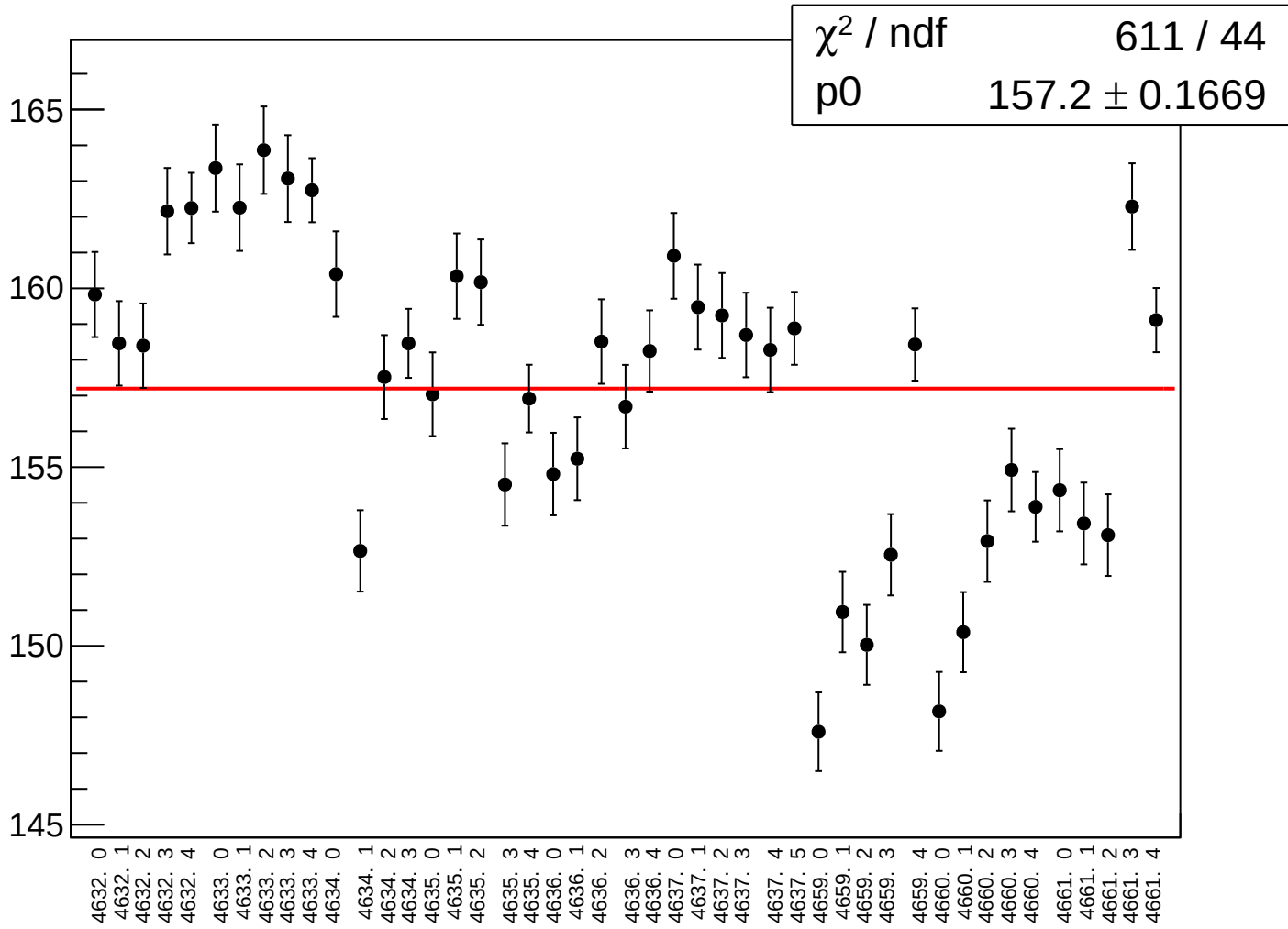
asym_bcm_dg_us_rms vs run



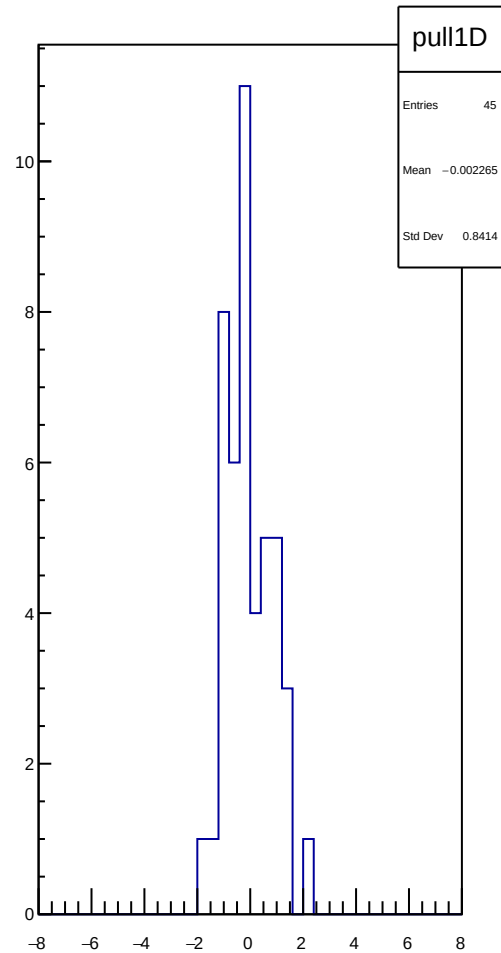
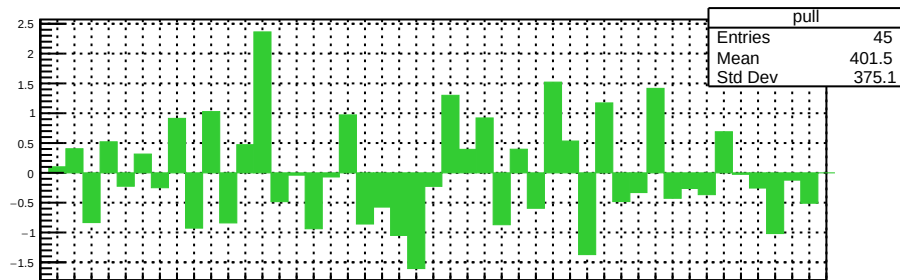
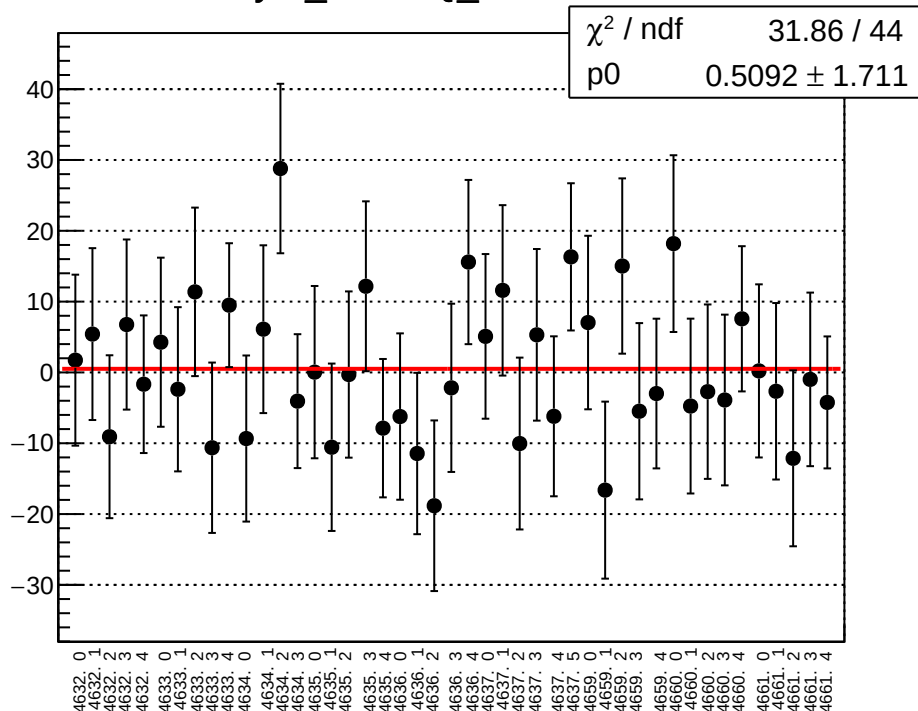
asym_bcm_dg_ds_mean vs run



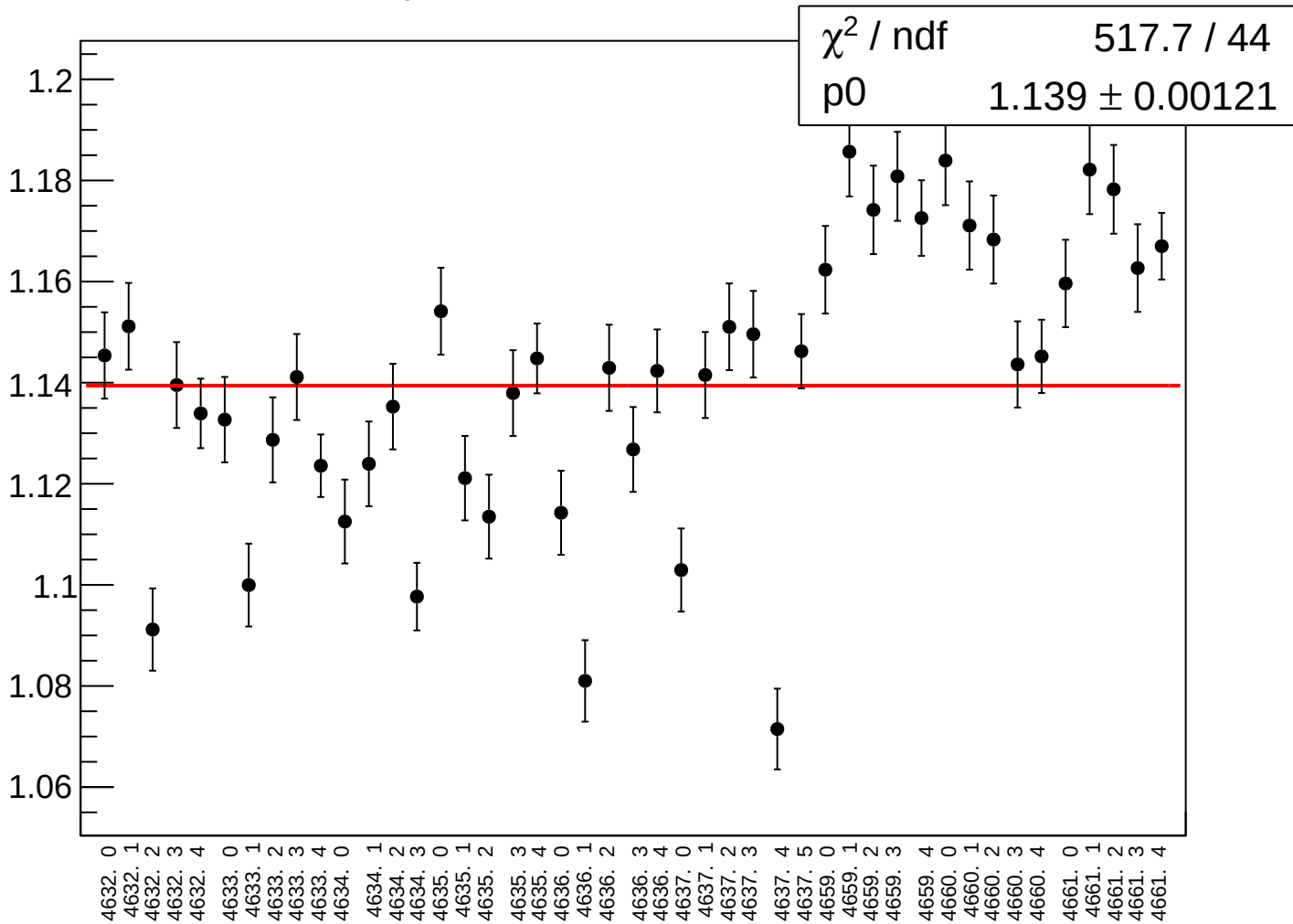
asym_bcm_dg_ds_rms vs run



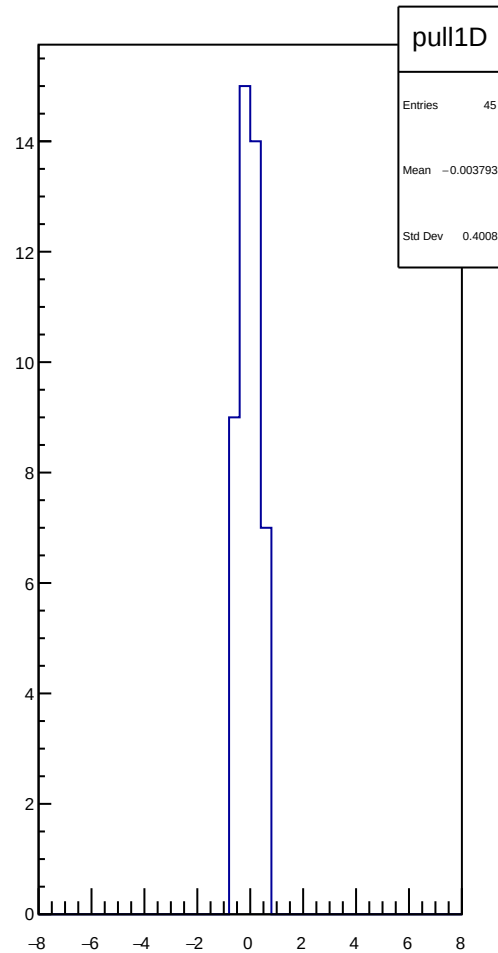
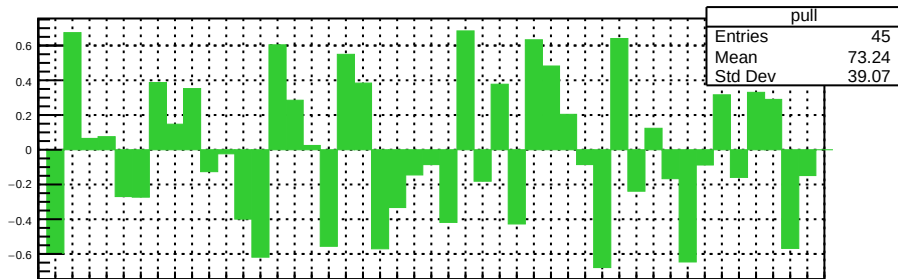
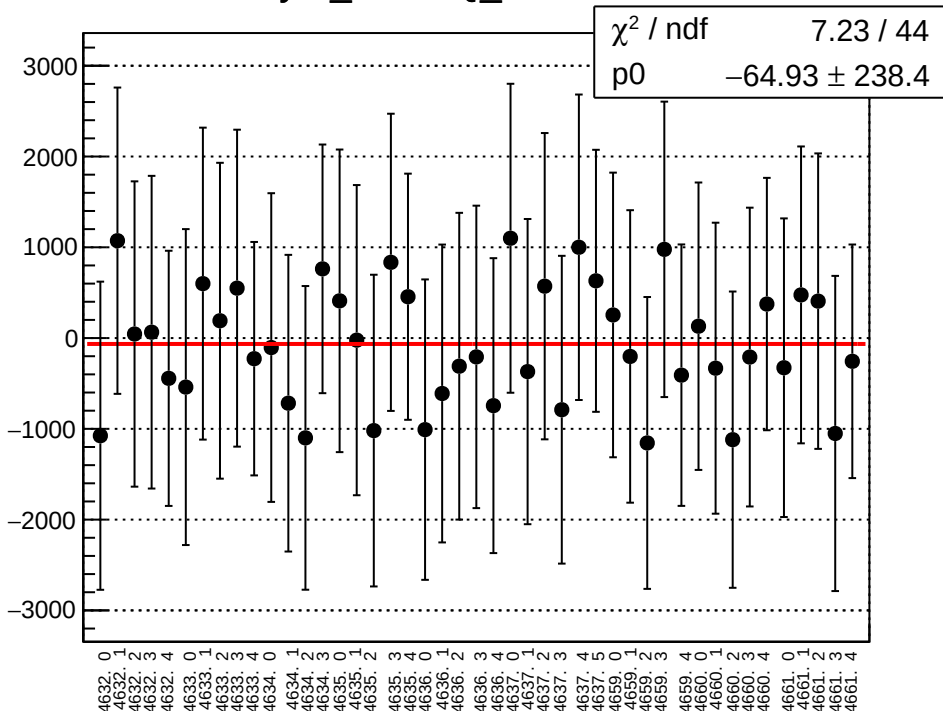
asym_cav4bQ_mean vs run



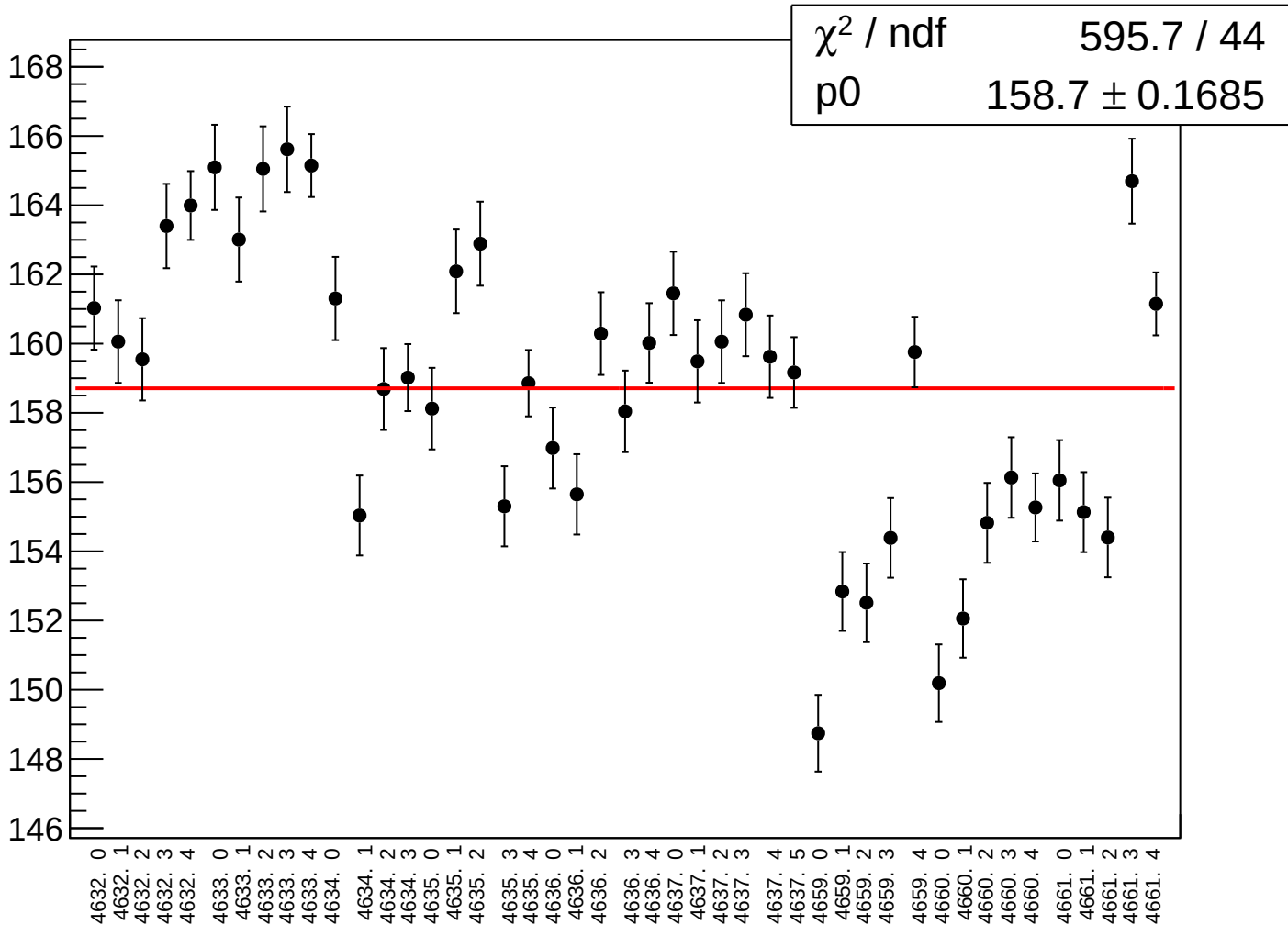
asym_cav4bQ_rms vs run



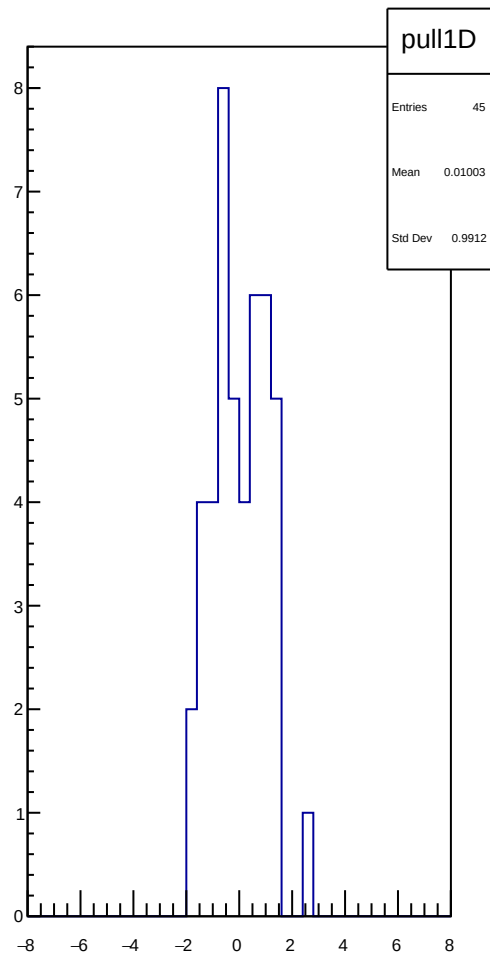
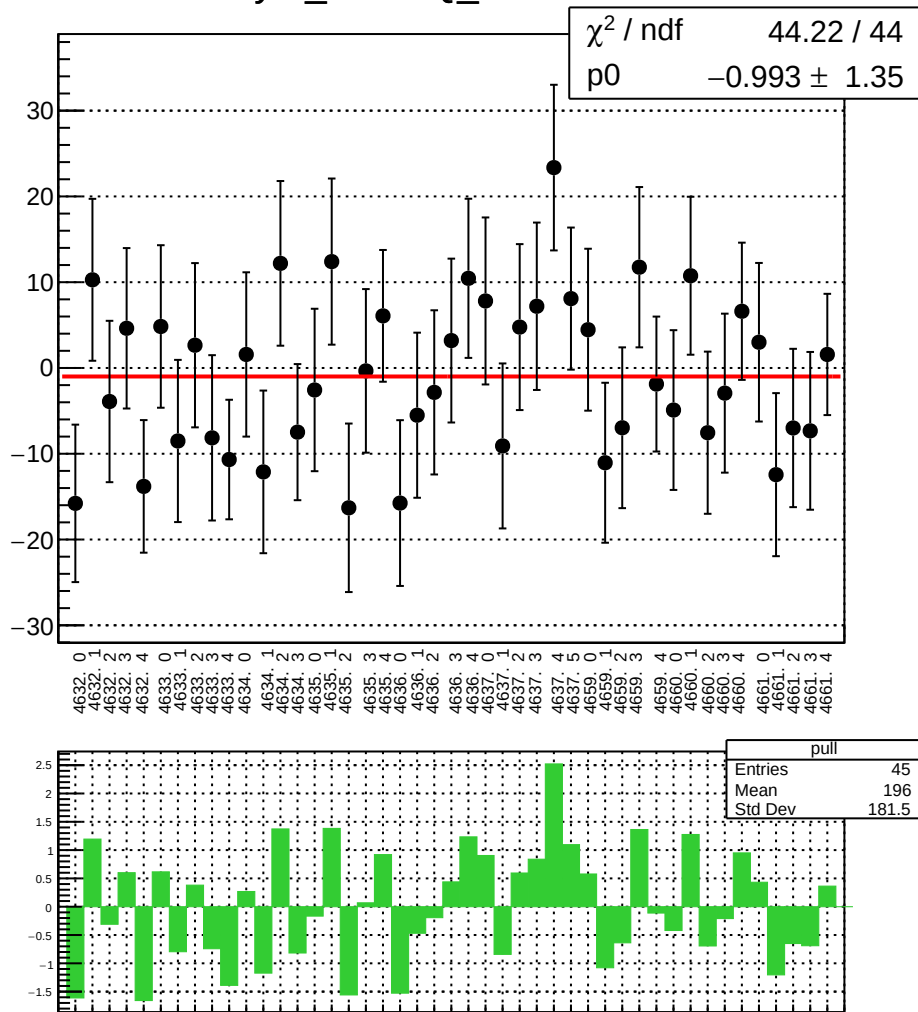
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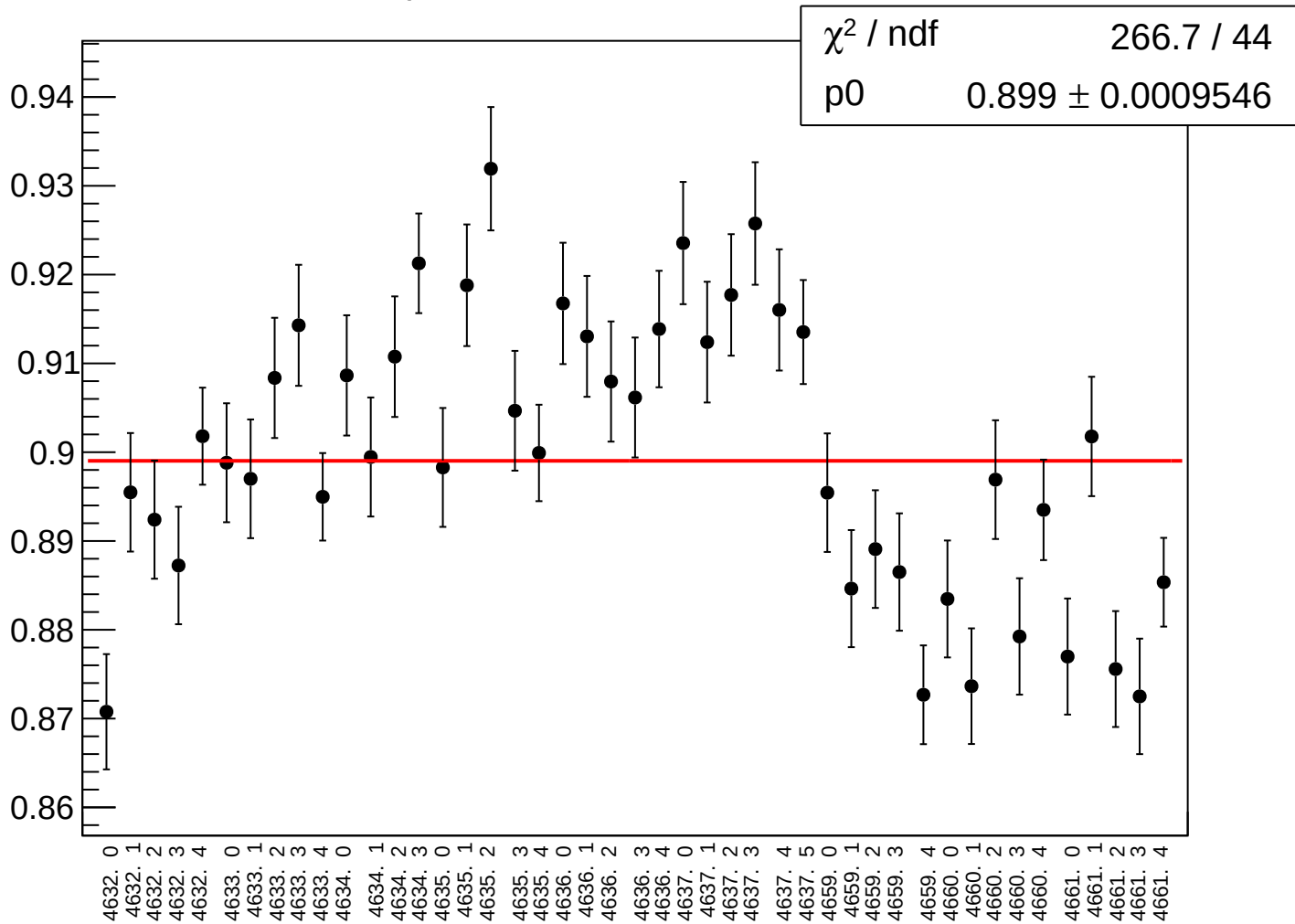
asym_cav4cQ_rms vs run



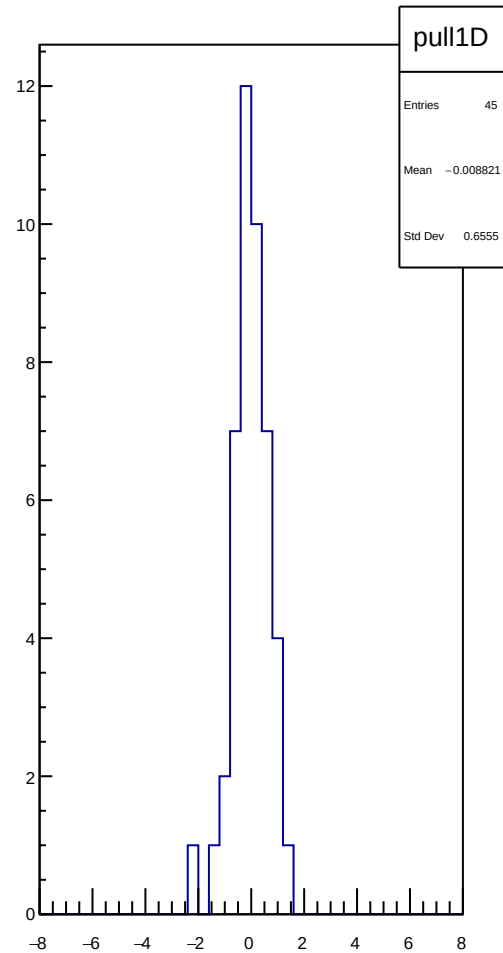
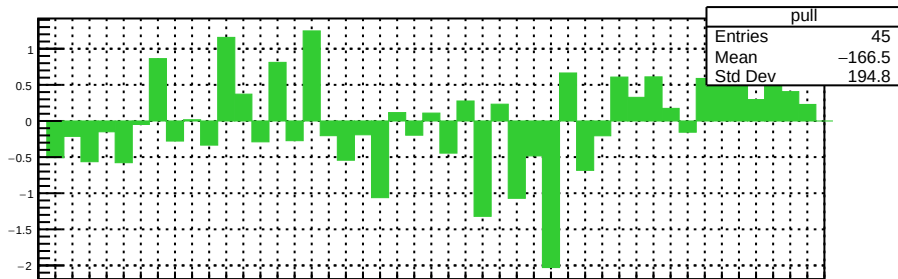
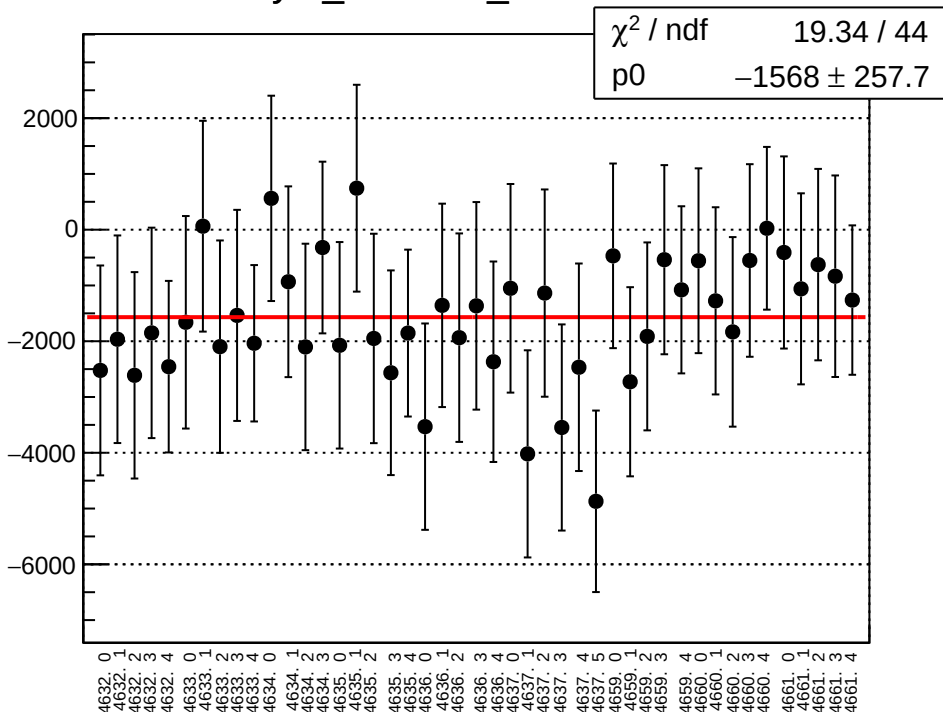
asym_cav4dQ_mean vs run



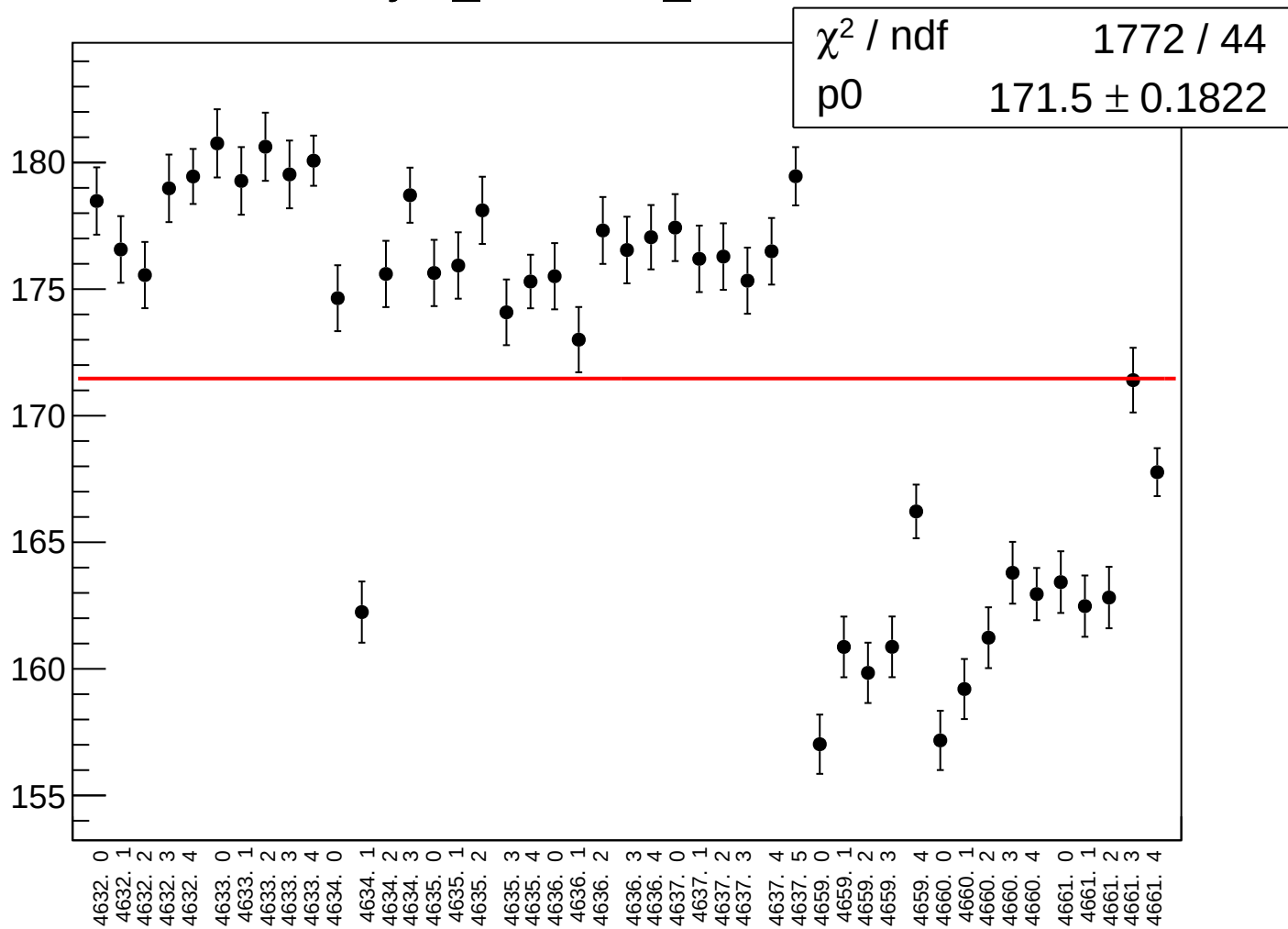
asym_cav4dQ_rms vs run



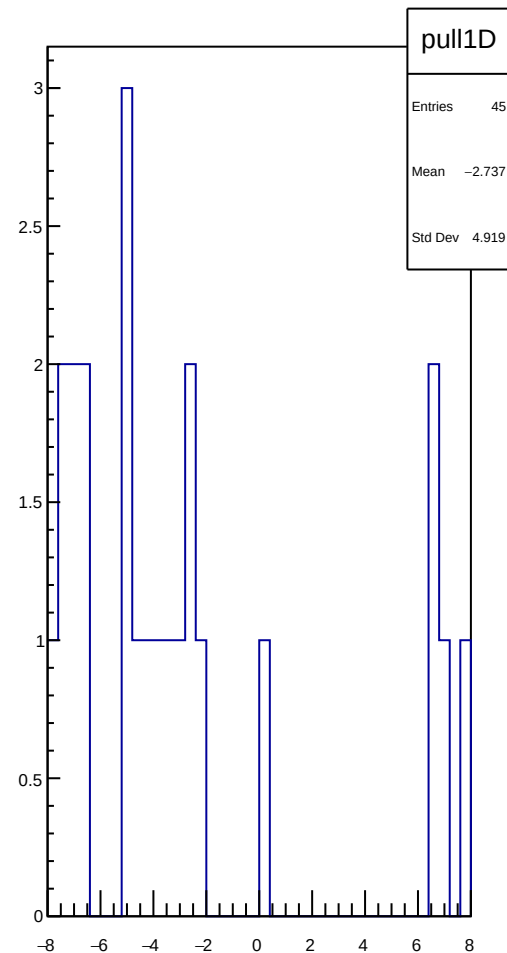
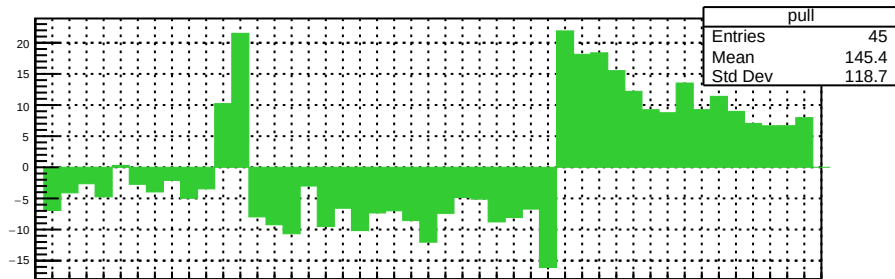
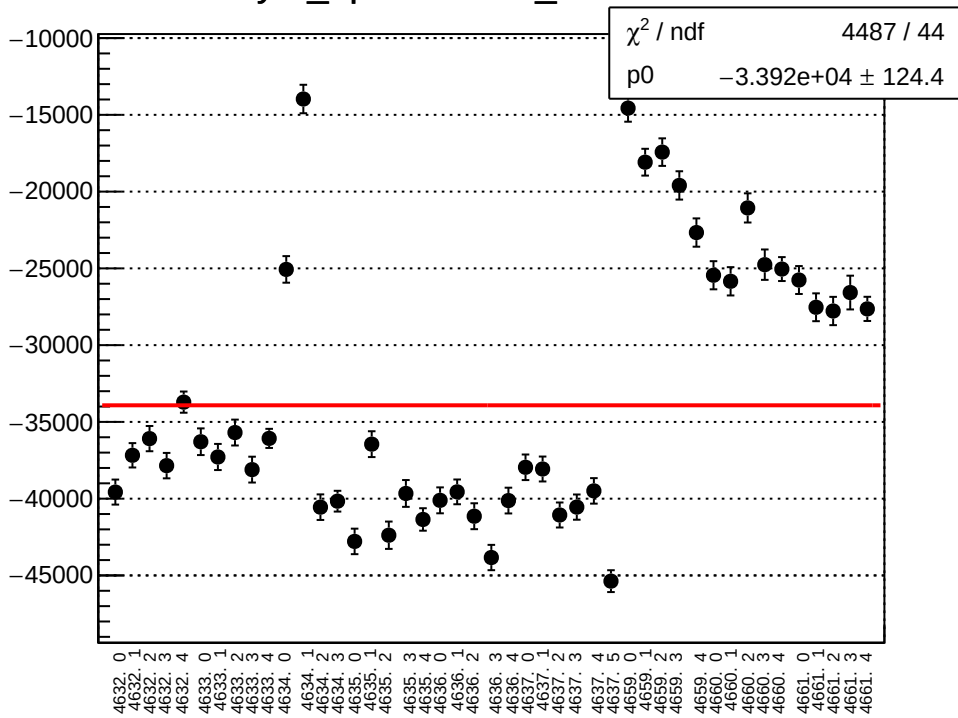
asym_bcm0l02_mean vs run



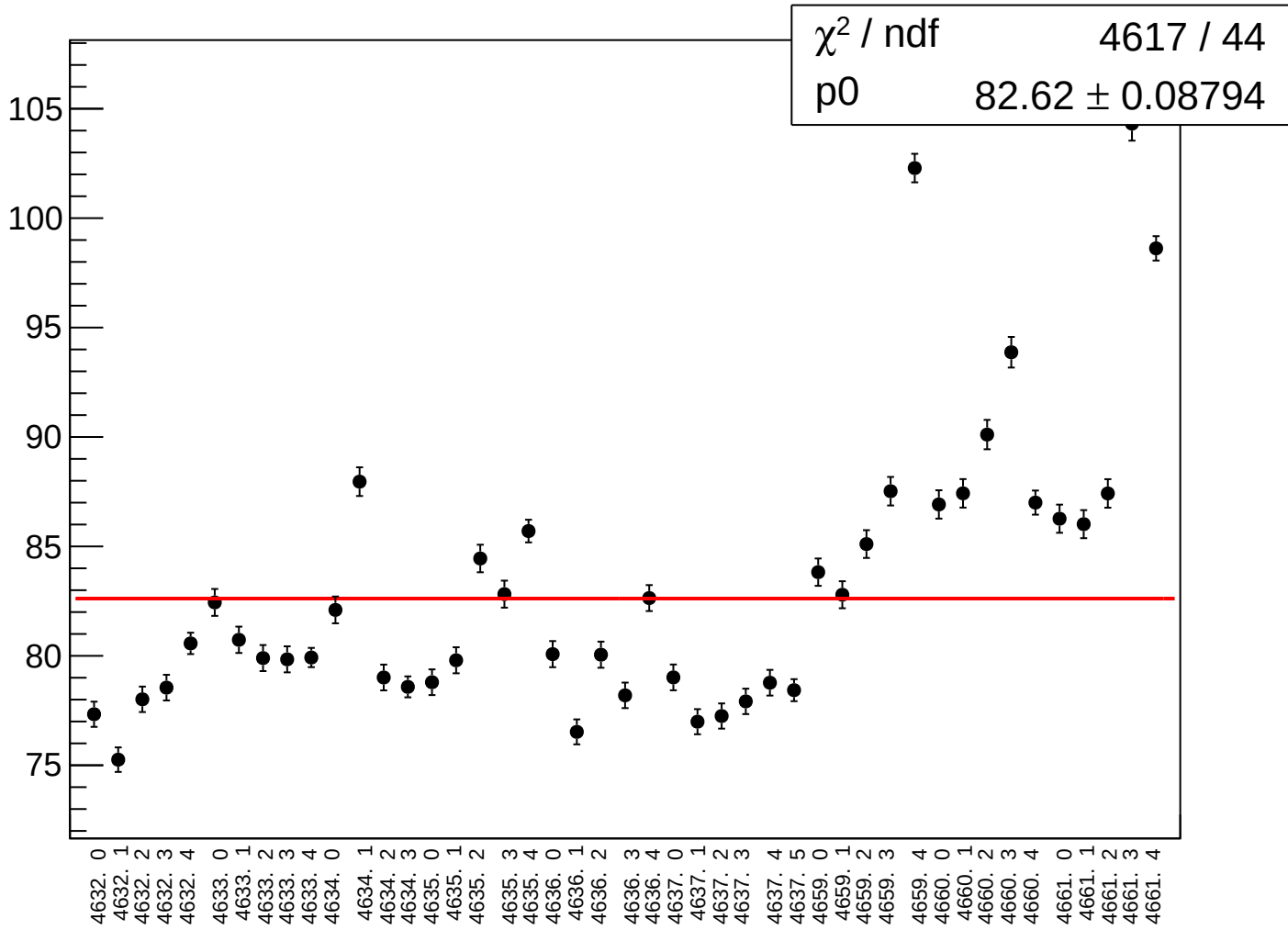
asym_bcm0l02_rms vs run



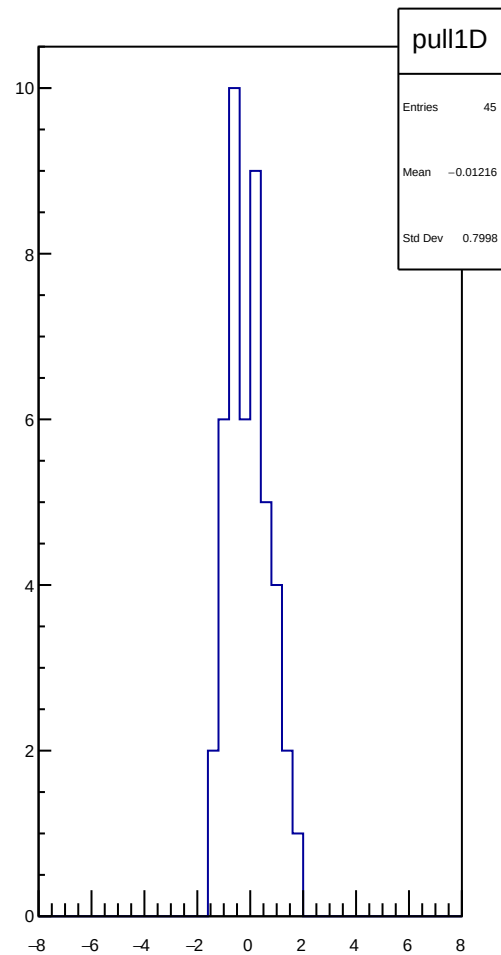
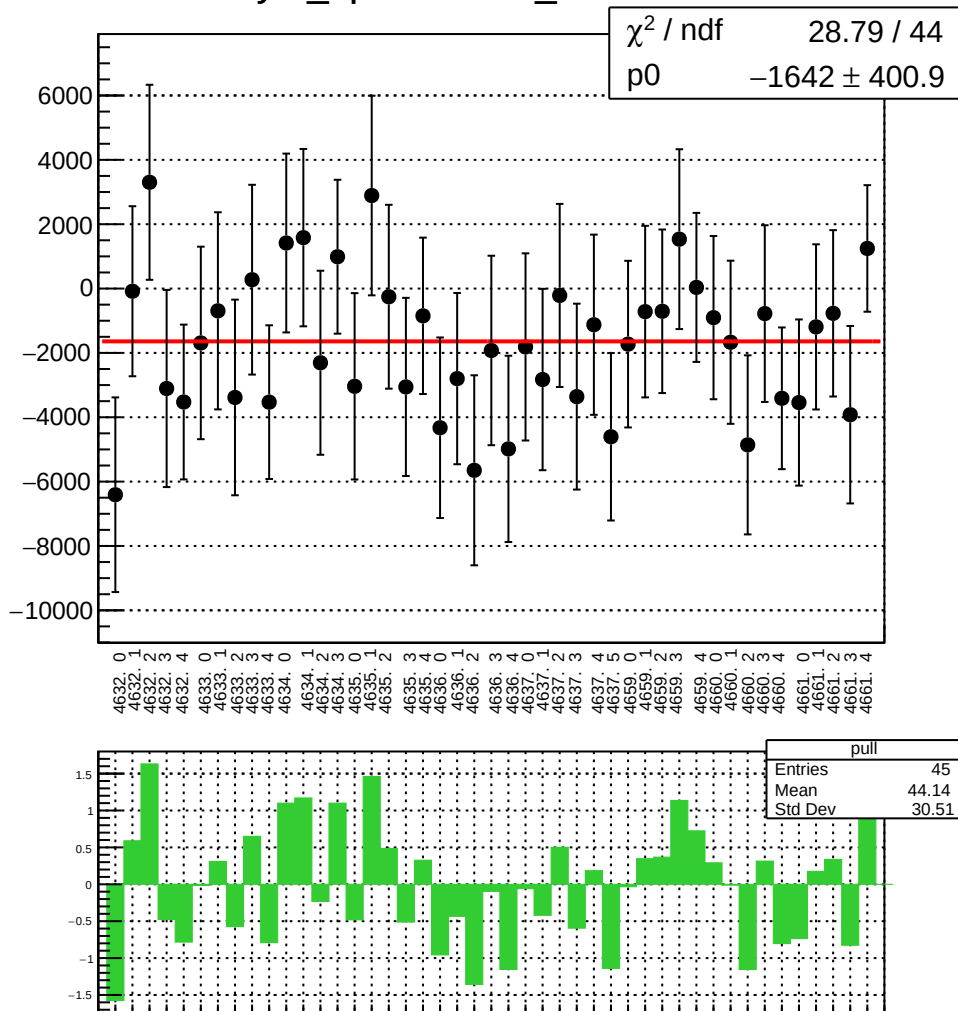
asym_bpm2i01WS_mean vs run



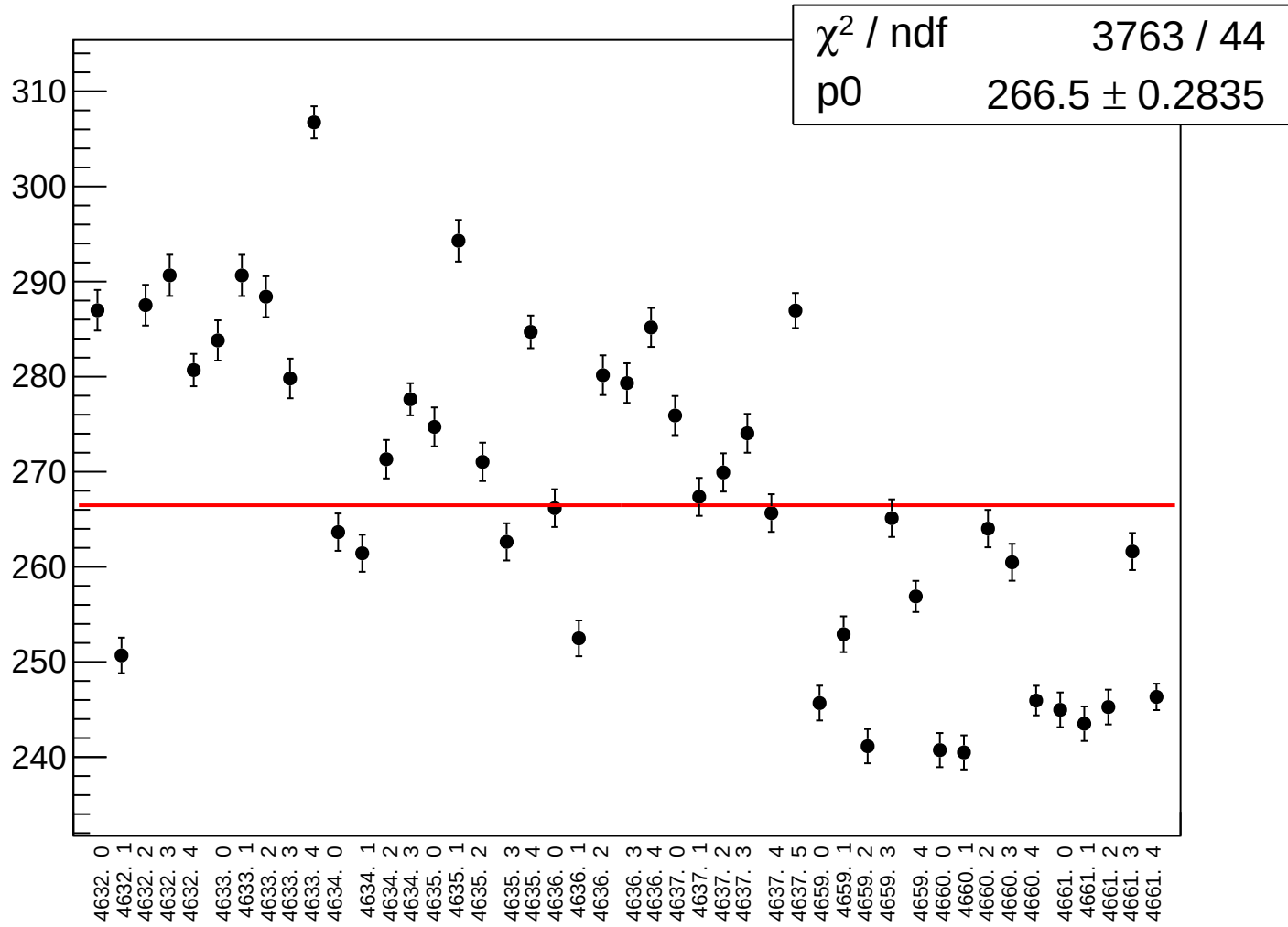
asym_bpm2i01WS_rms vs run



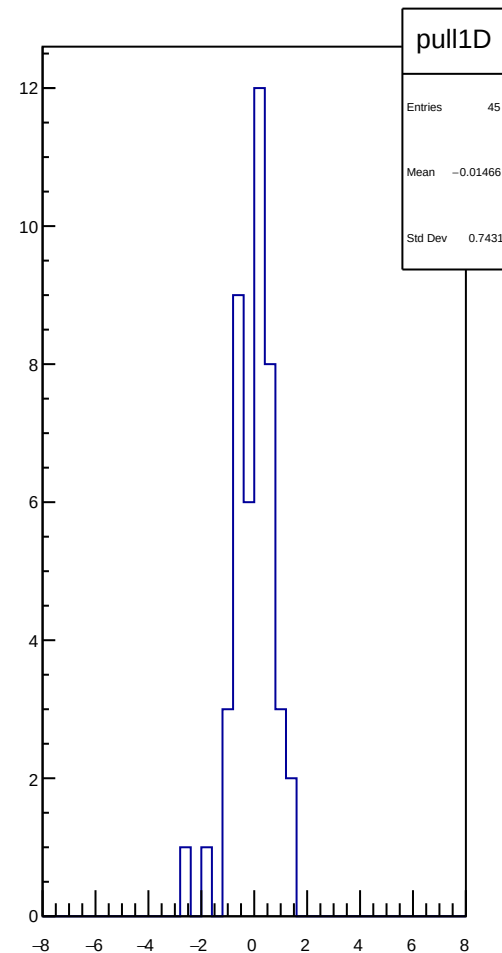
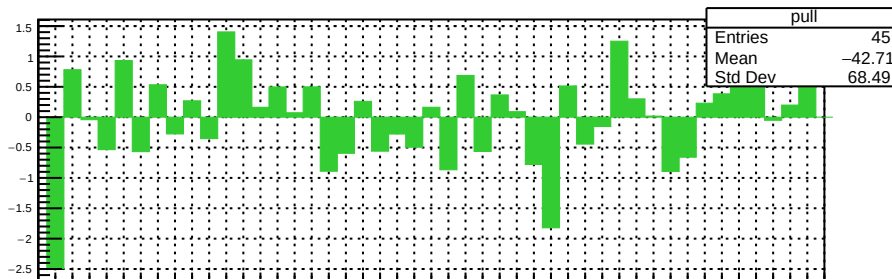
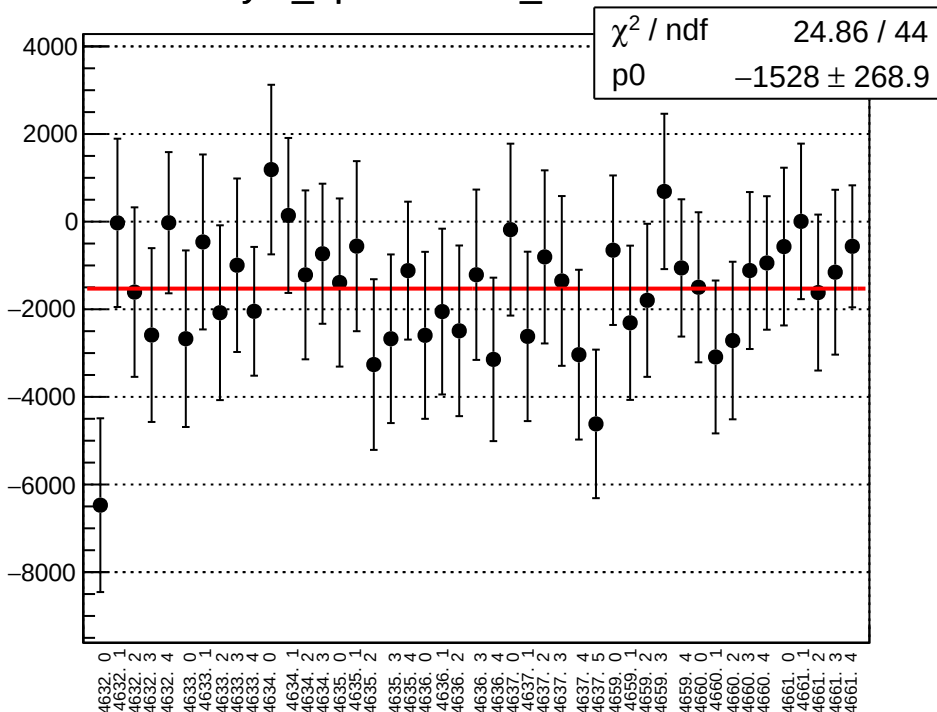
asym_bpm0i07WS_mean vs run



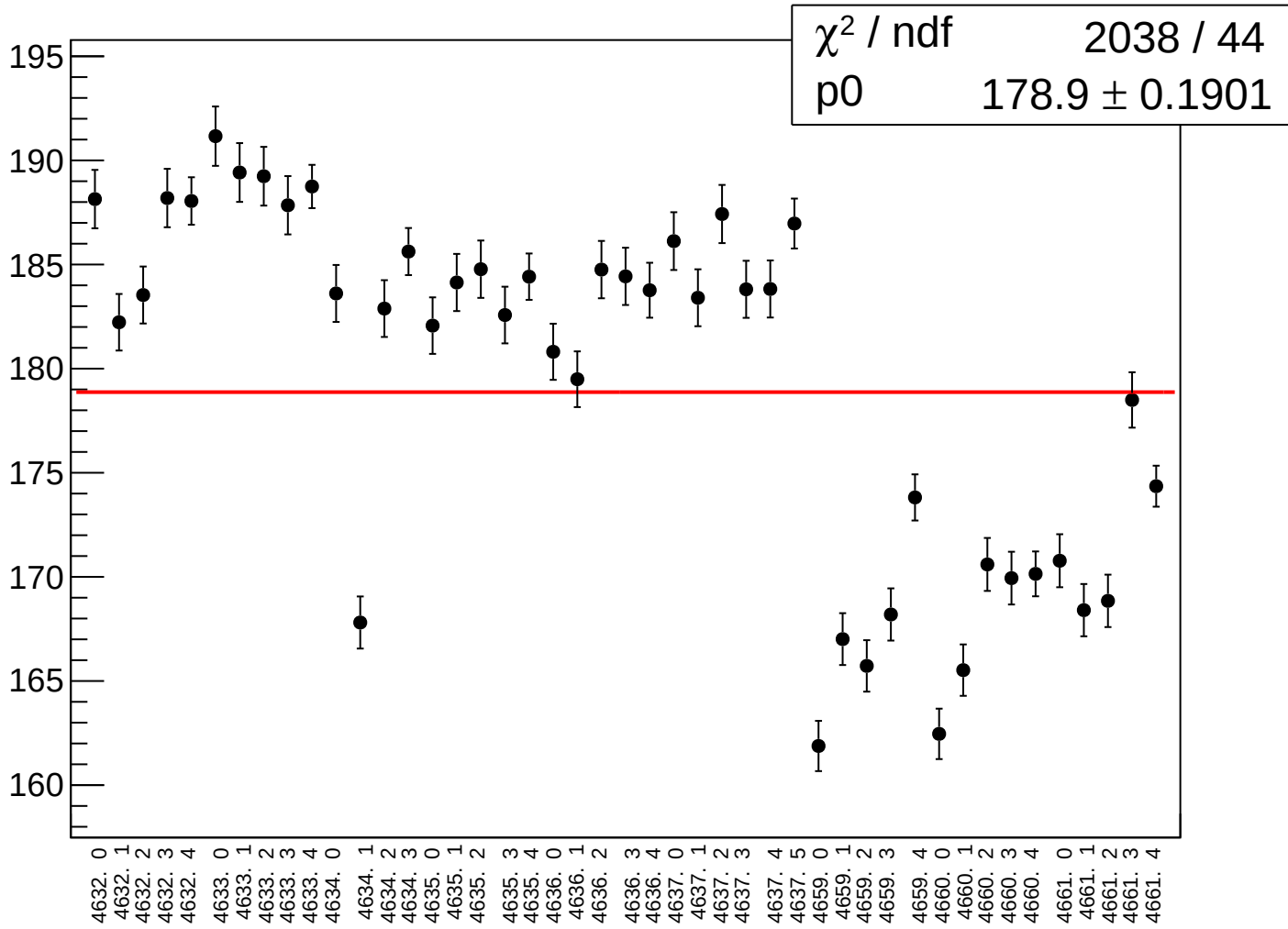
asym_bpm0i07WS_rms vs run



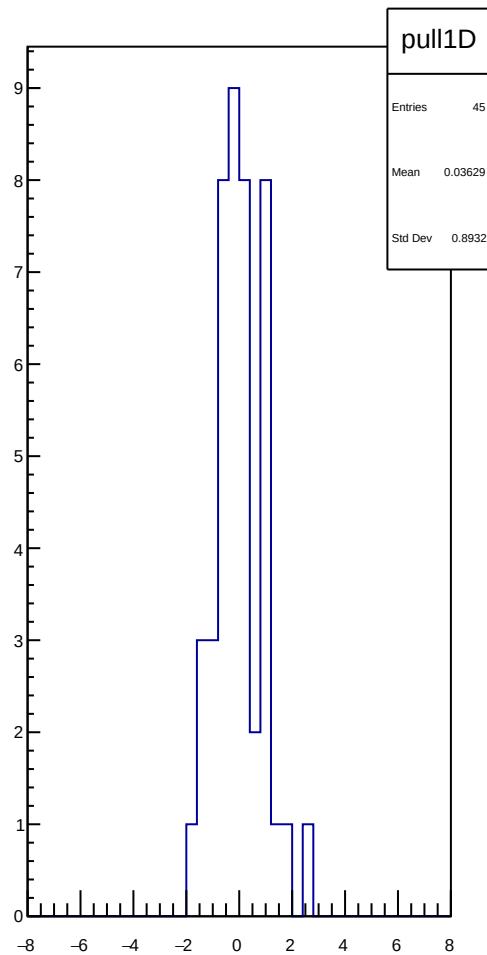
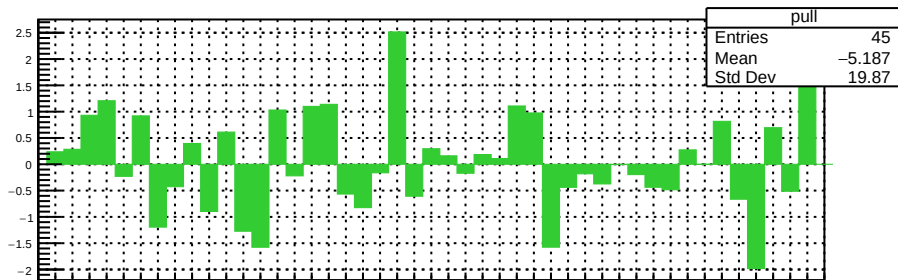
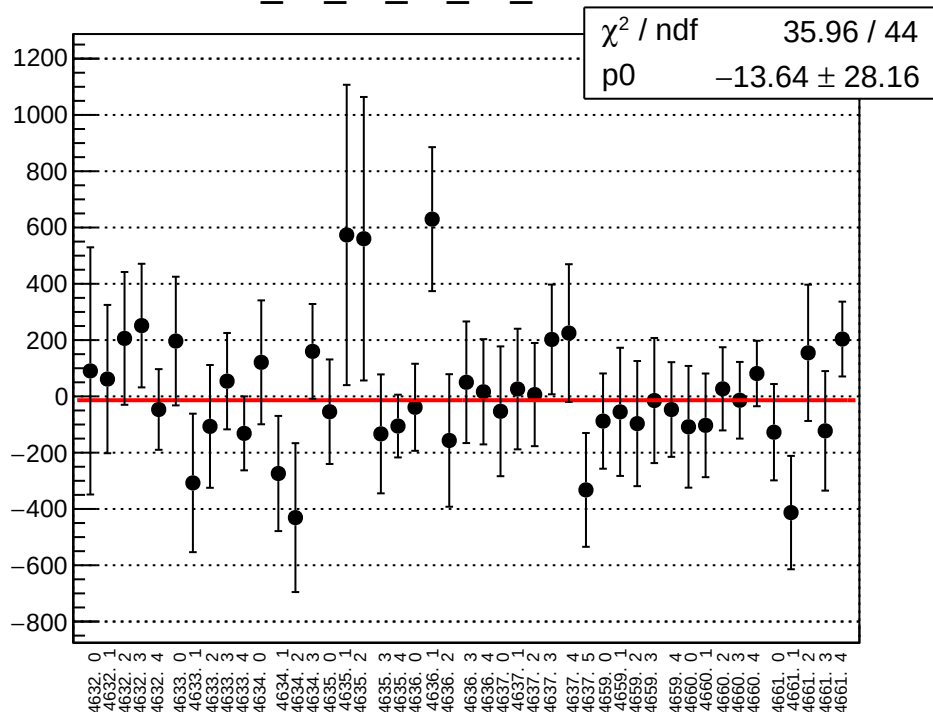
asym_bpm0l01WS_mean vs run



asym_bpm0l01WS_rms vs run

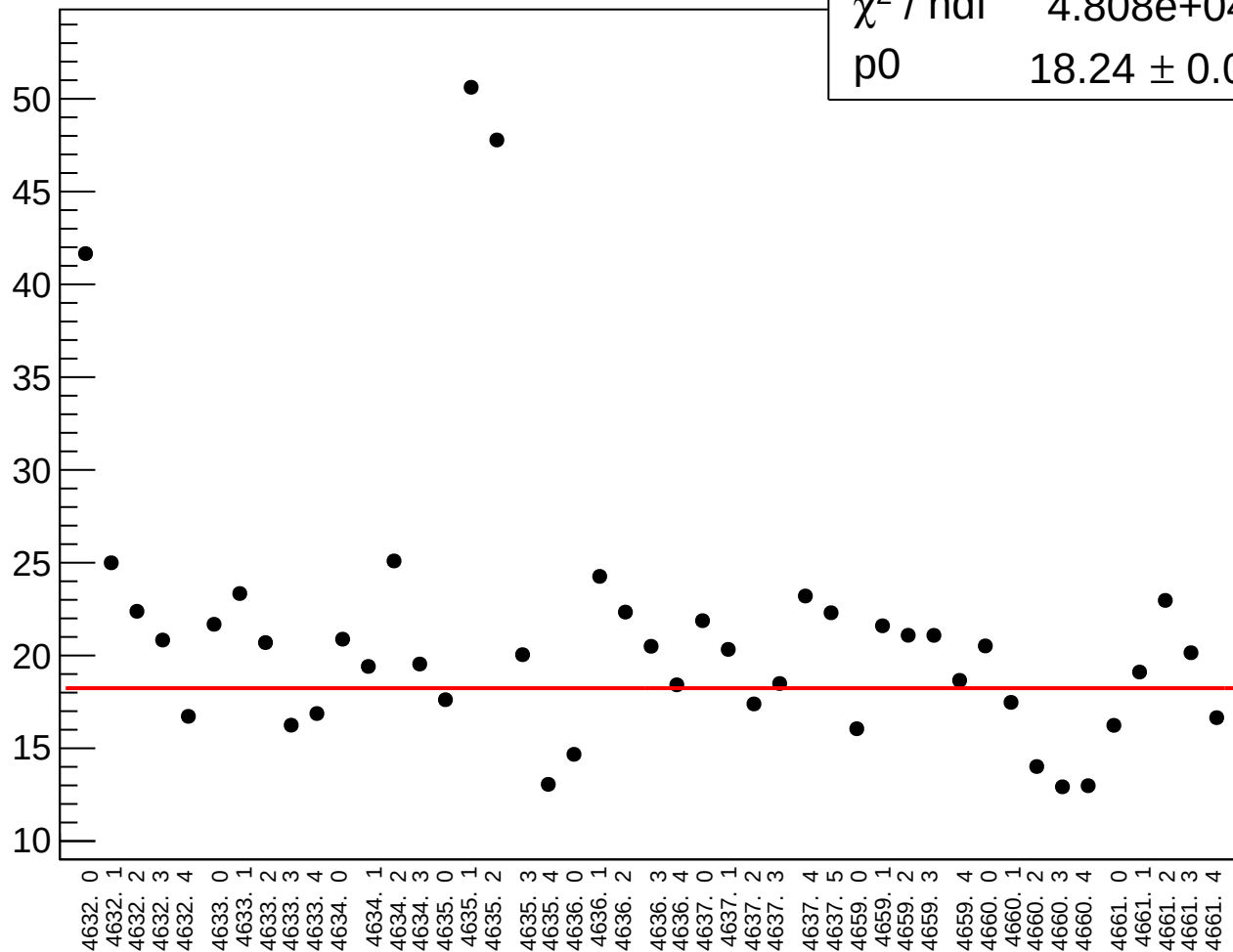


bcm_an_us_ds_dd_mean vs run

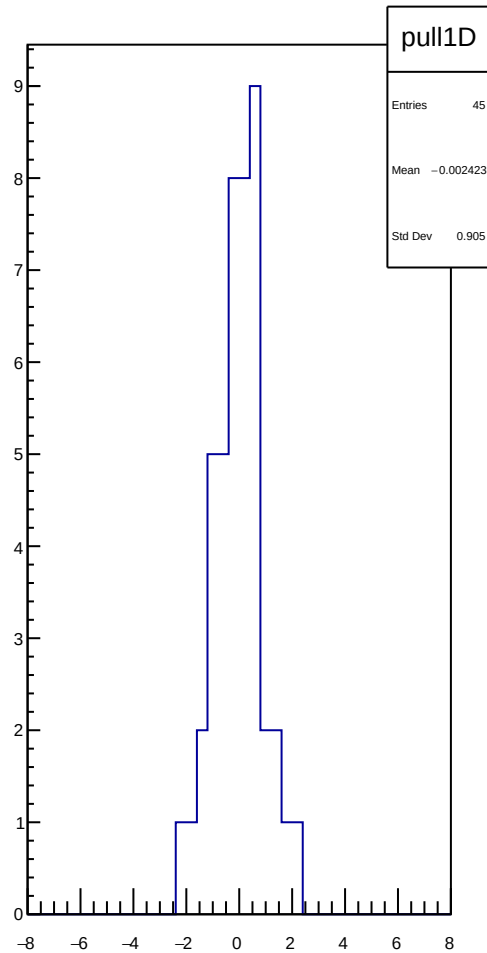
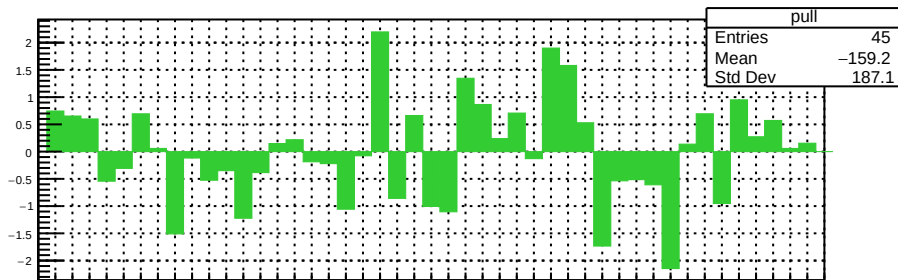
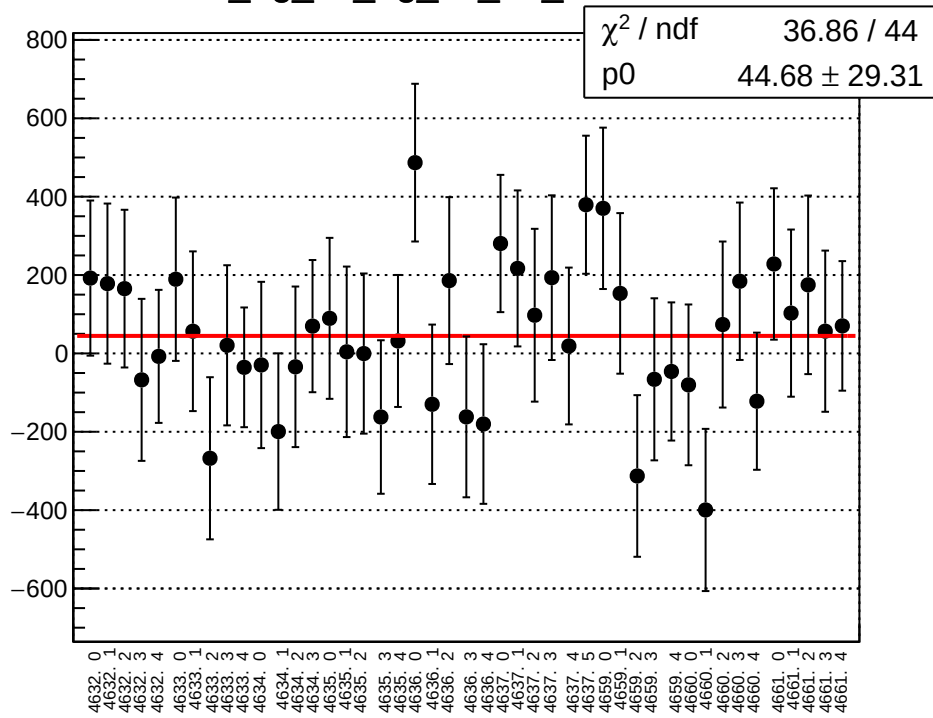


bcm_an_us_ds_dd_rms vs run

χ^2 / ndf	4.808e+04 / 44
p0	18.24 $\pm$ 0.01991



bcm_dg_us_dg_ds_dd_mean vs run



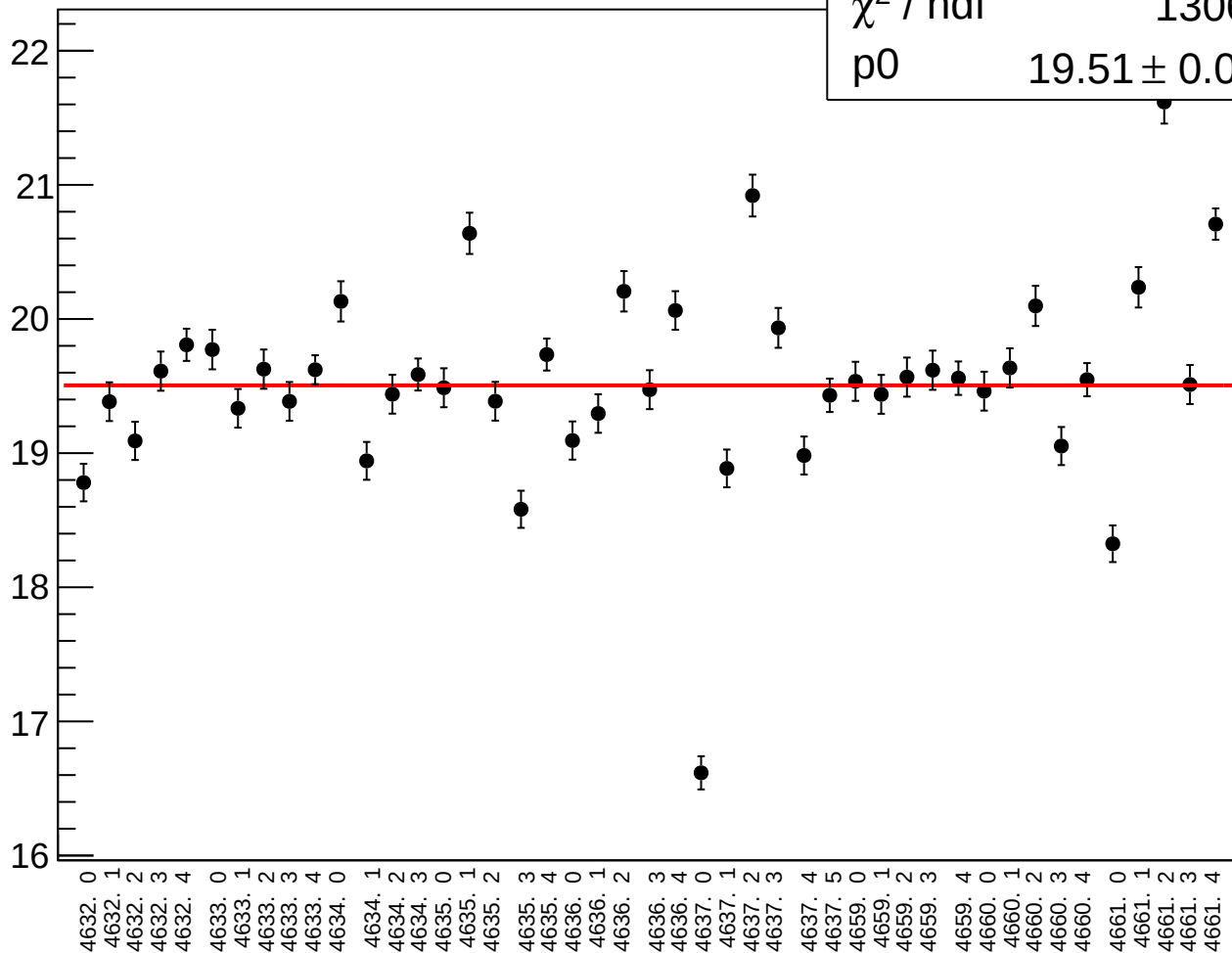
bcm_dg_us_dg_ds_dd_rms vs run

χ^2 / ndf

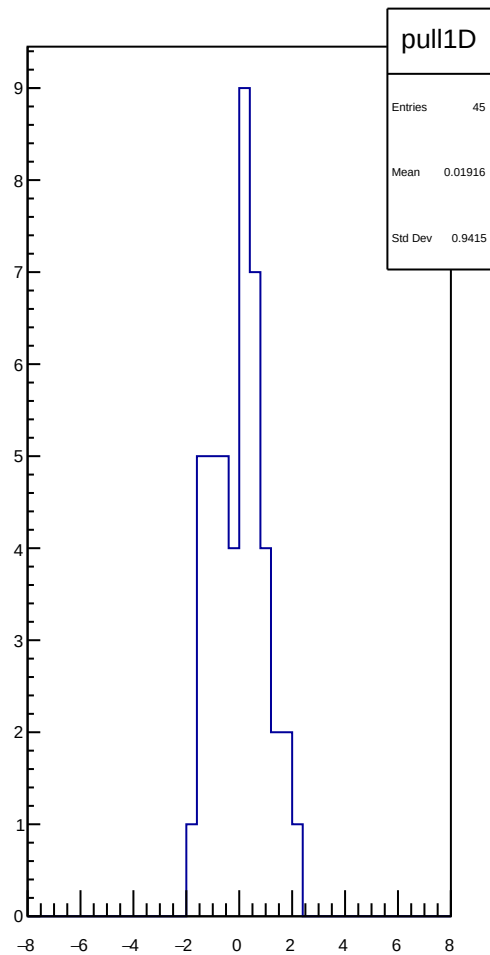
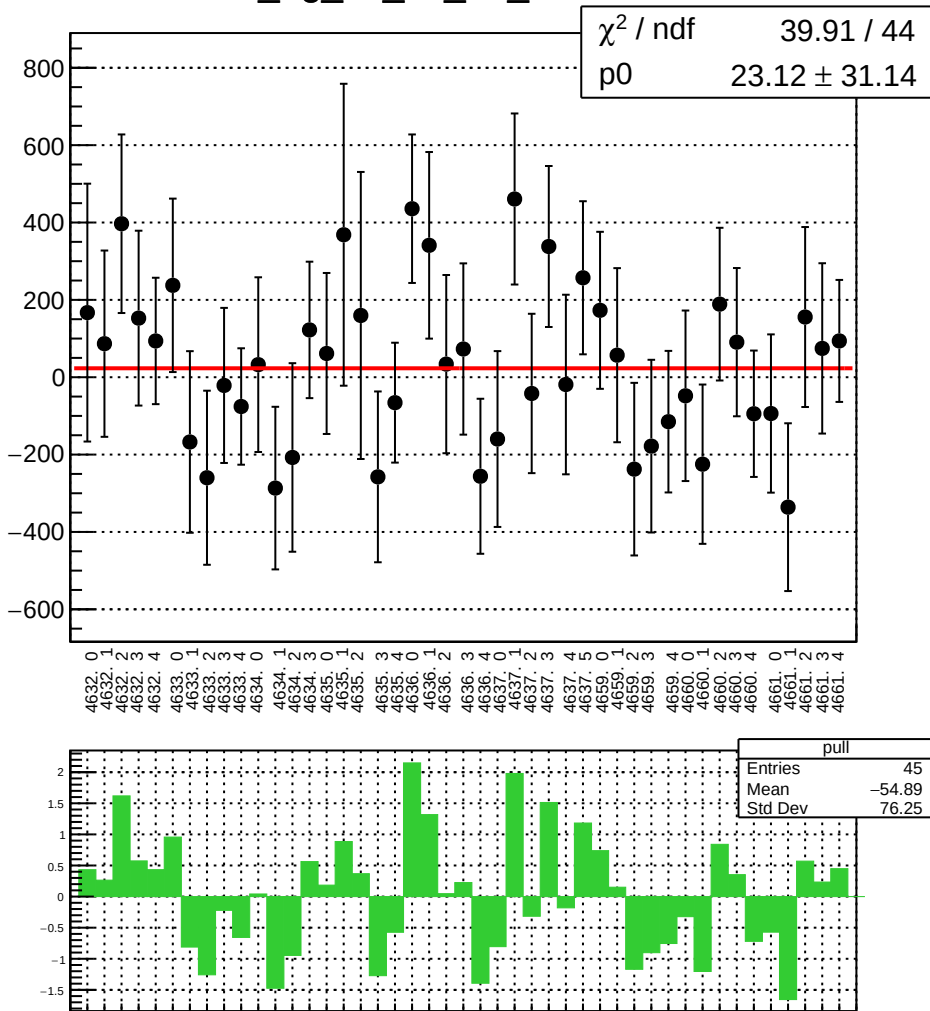
1306 / 44

p0

19.51 ± 0.02072

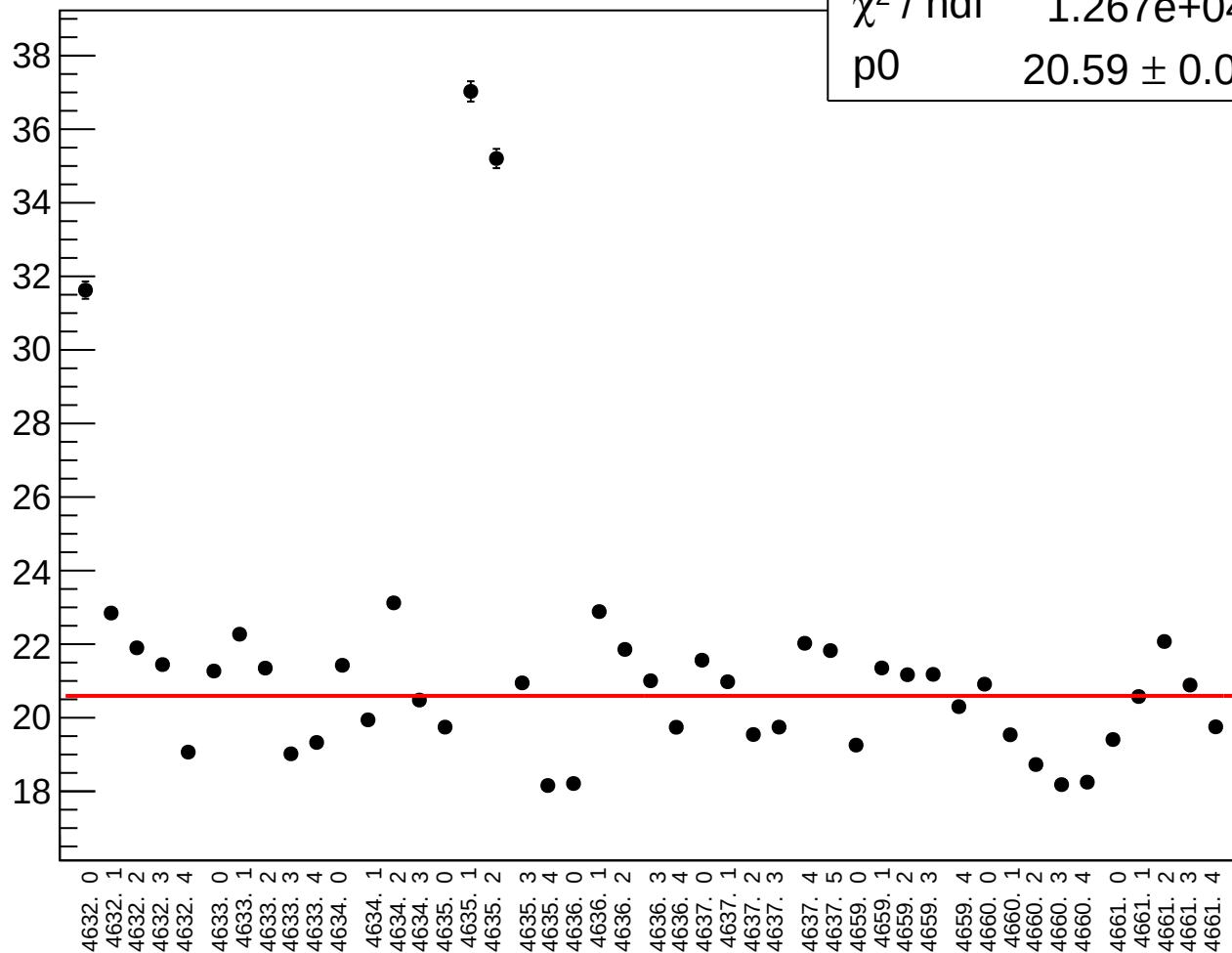


bcm_dg_us_ds_dd_mean vs run

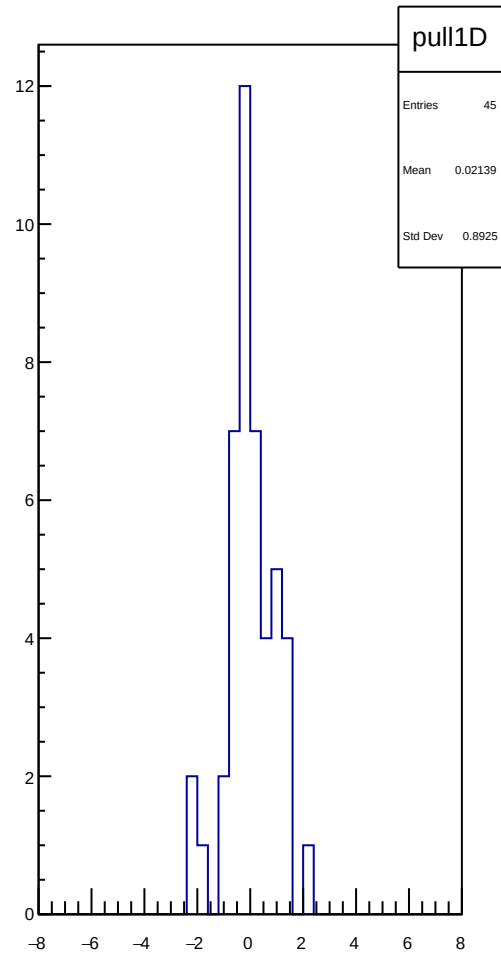
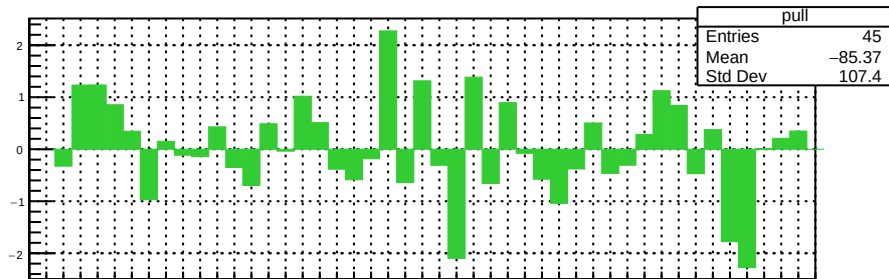
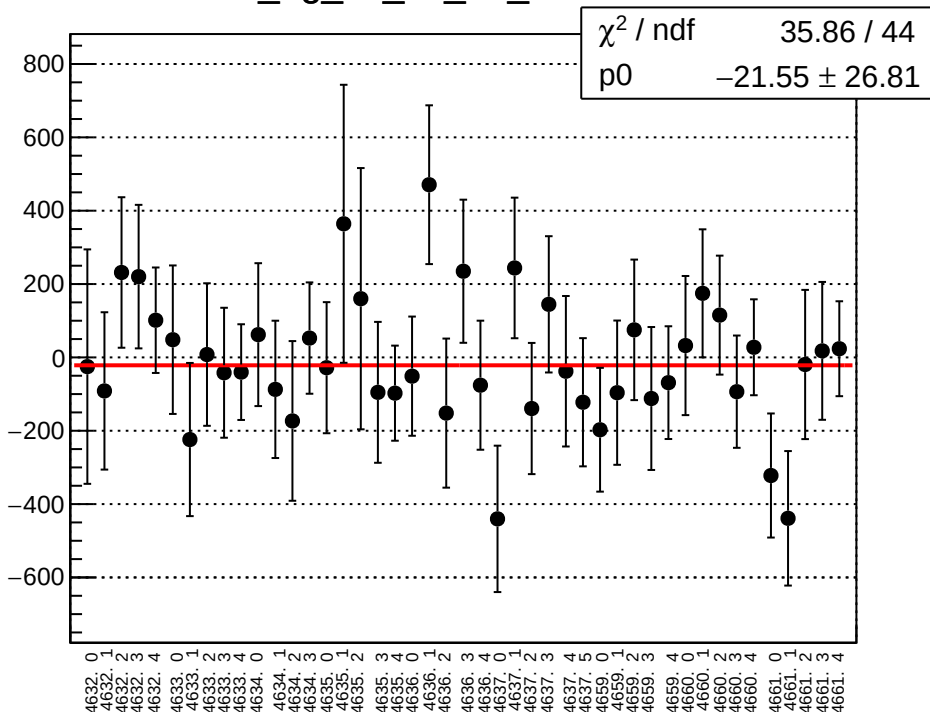


bcm_dg_us_ds_dd_rms vs run

χ^2 / ndf 1.267e+04 / 44
p0 20.59 ± 0.02202

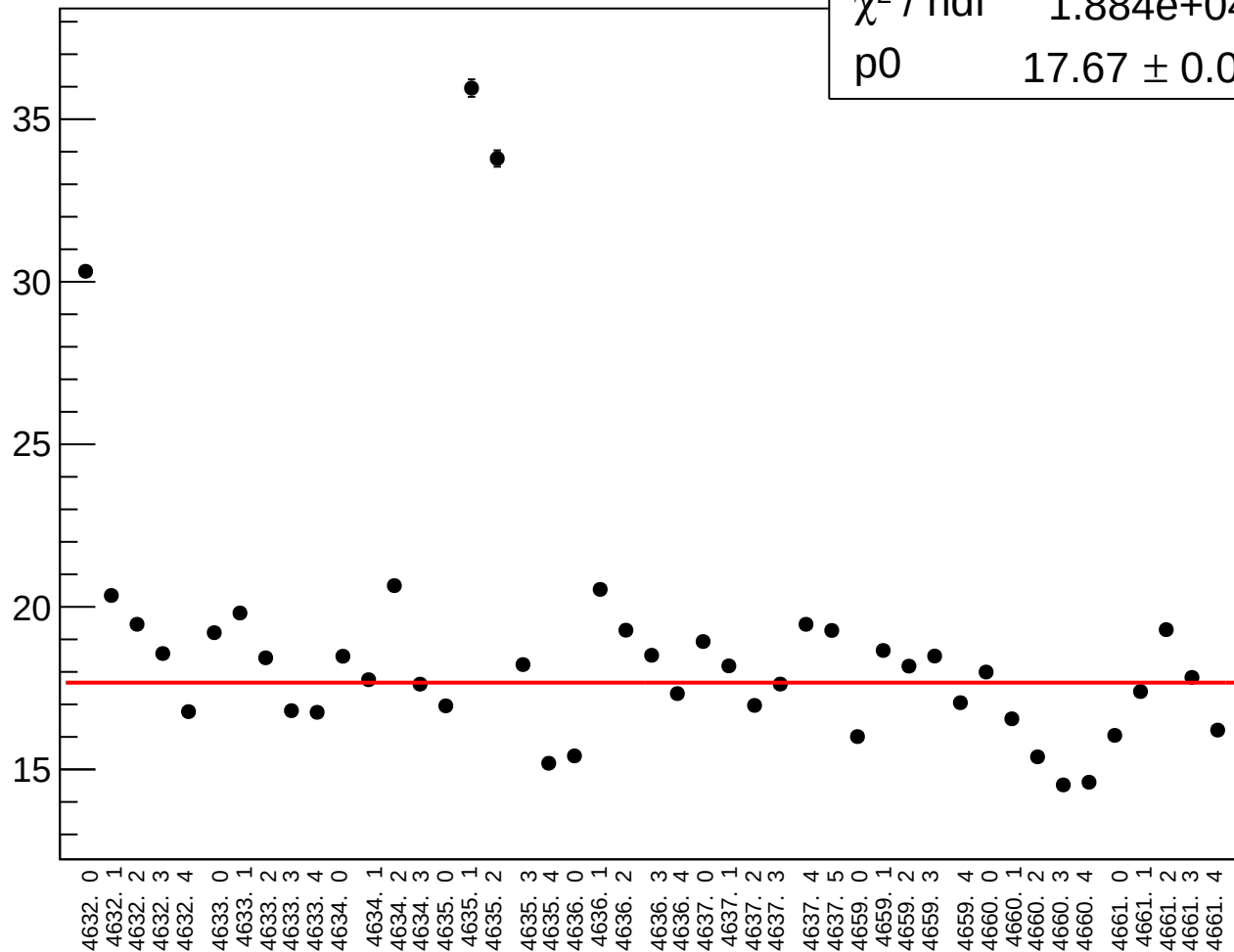


bcm_dg_ds_ds_dd_mean vs run

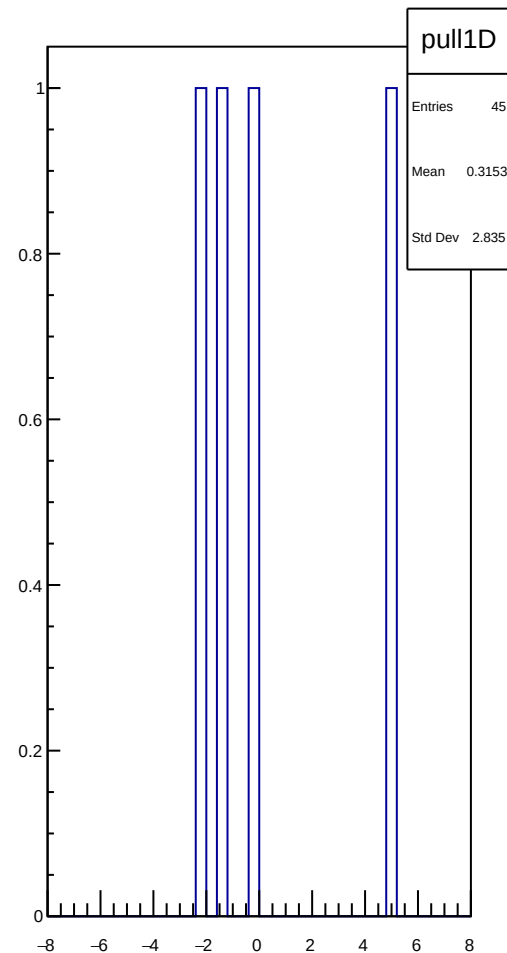
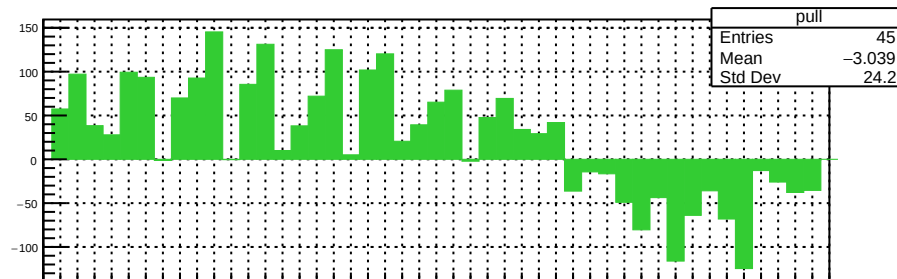
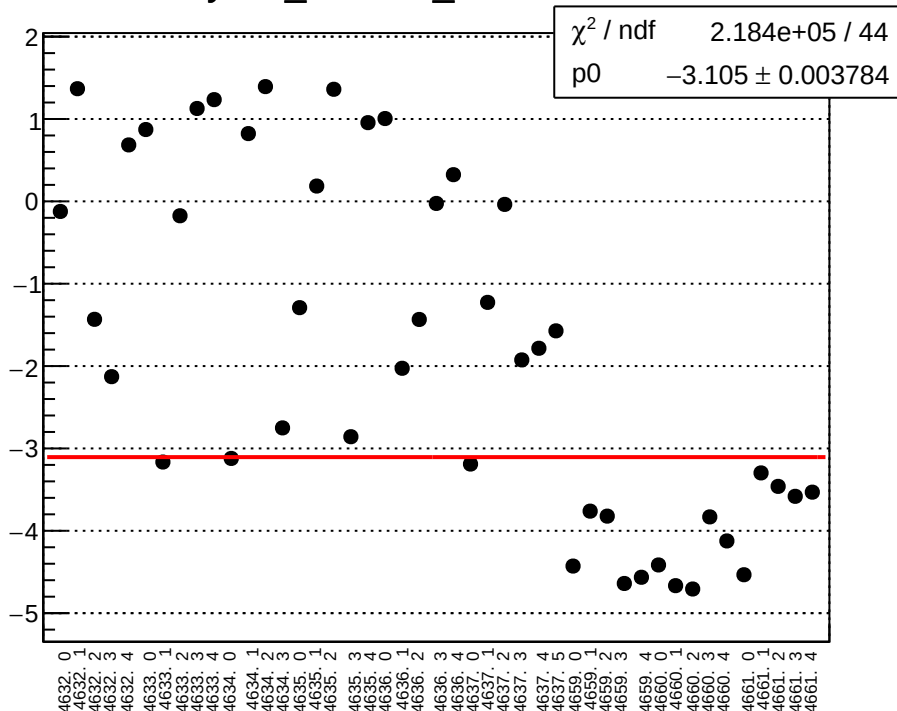


bcm_dg_ds_ds_dd_rms vs run

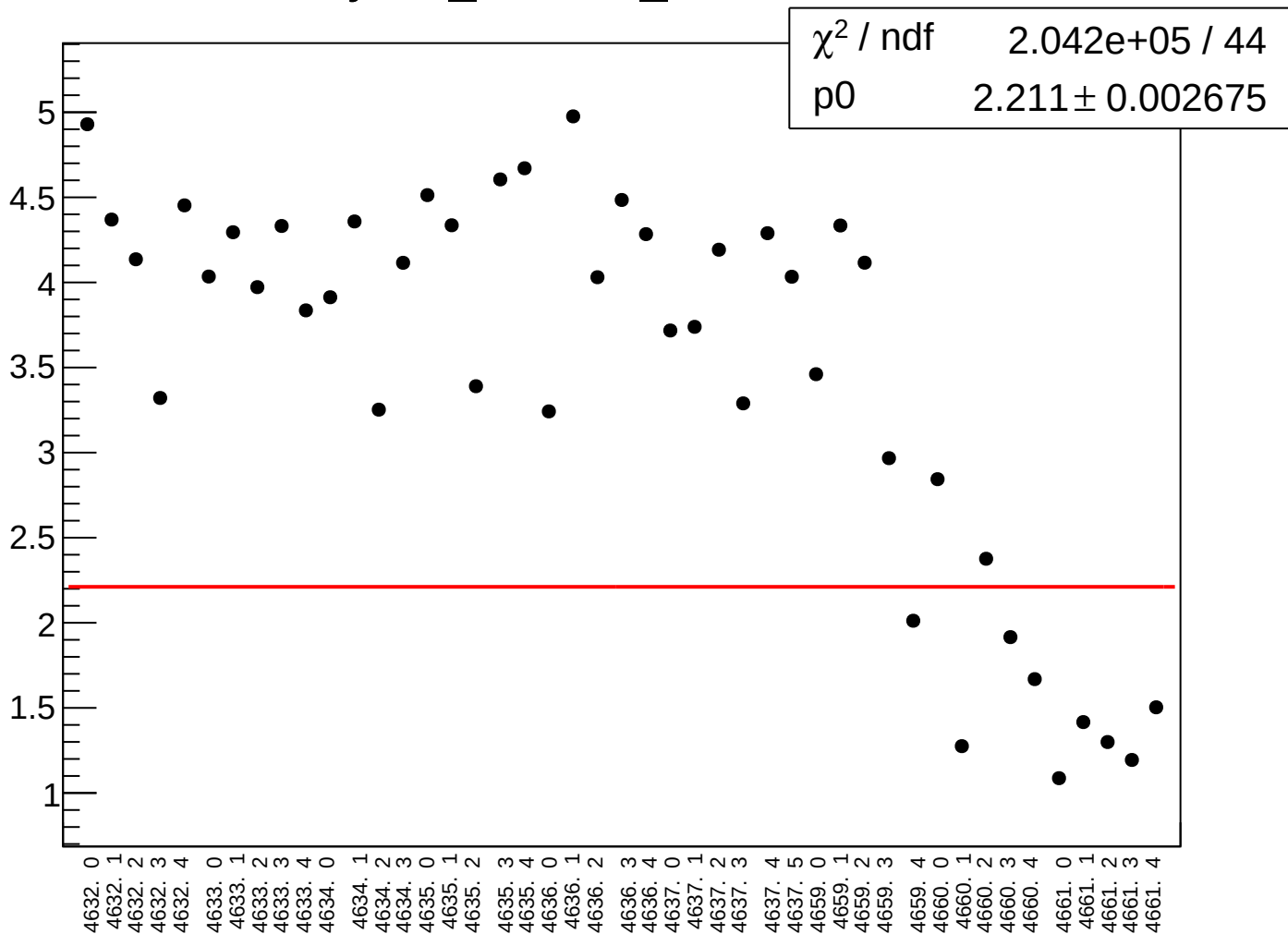
χ^2 / ndf 1.884e+04 / 44
p0 17.67 $\pm$ 0.01896



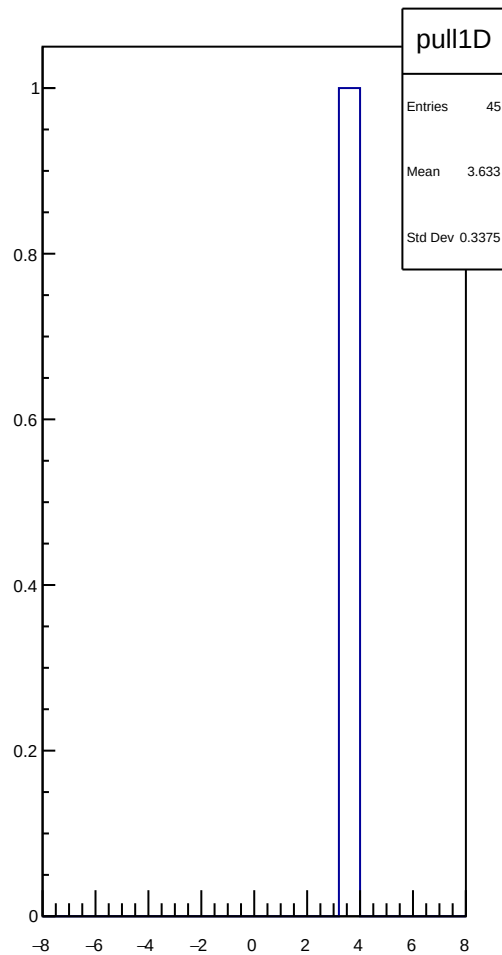
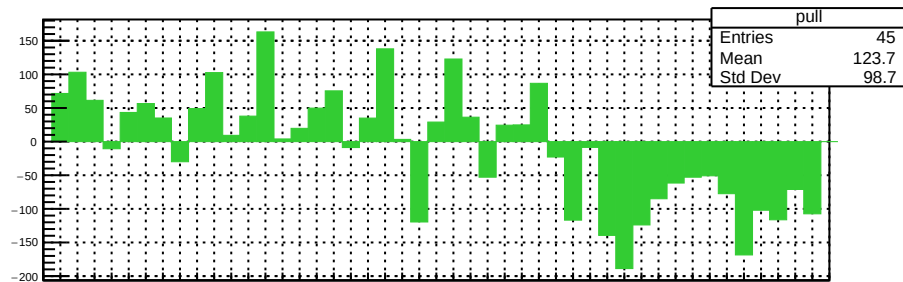
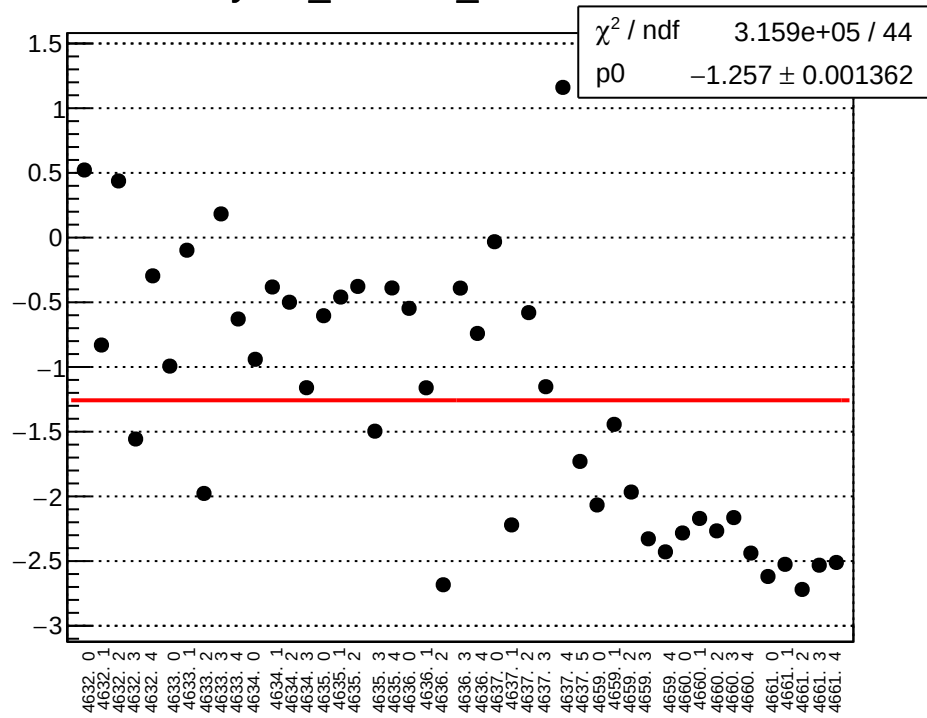
yield_cav4bX_mean vs run



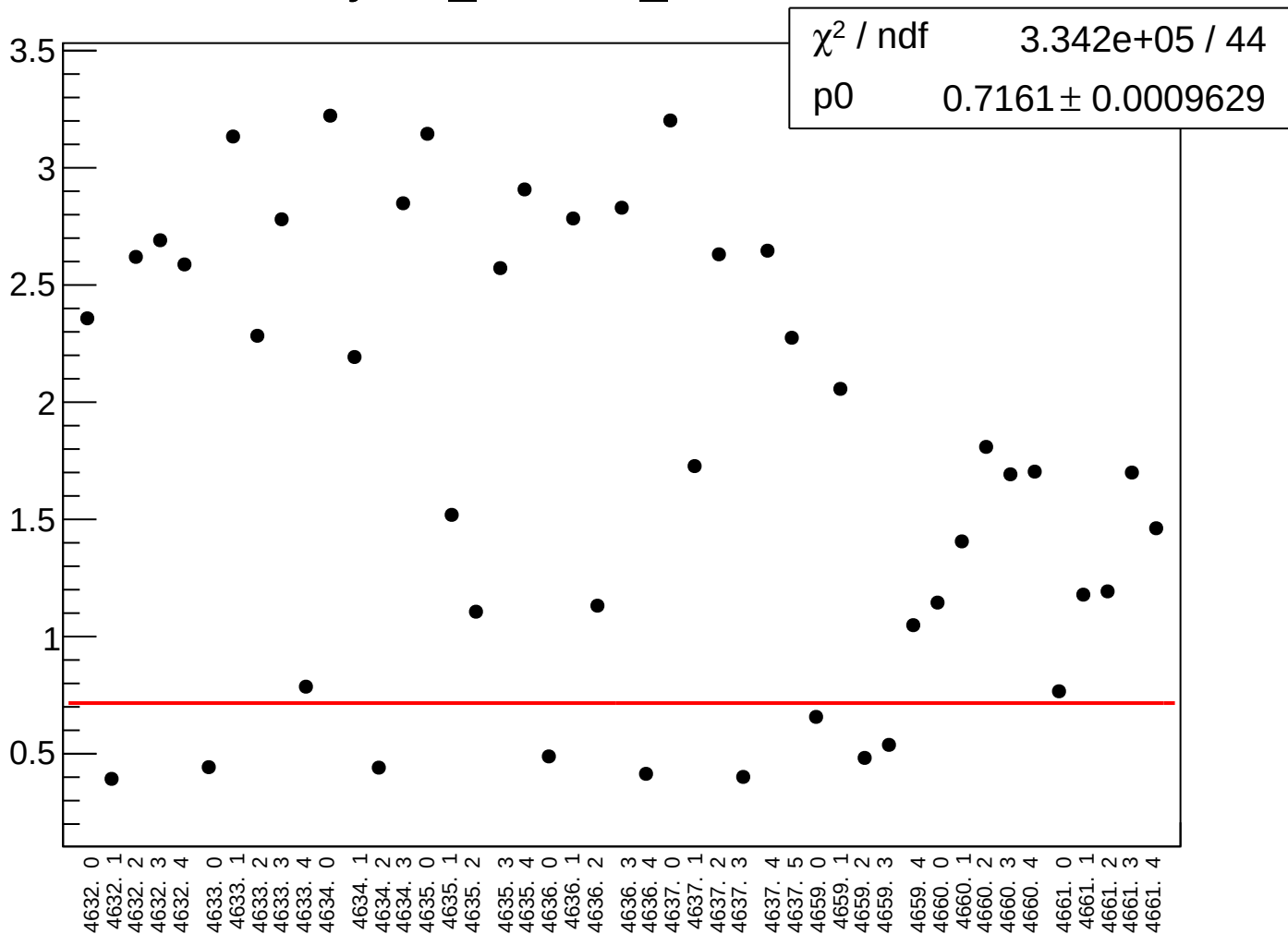
yield_cav4bX_rms vs run



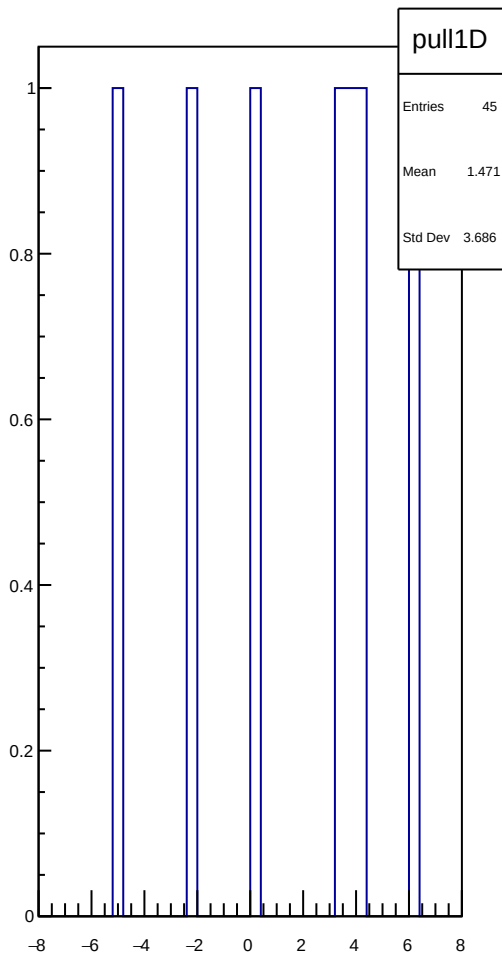
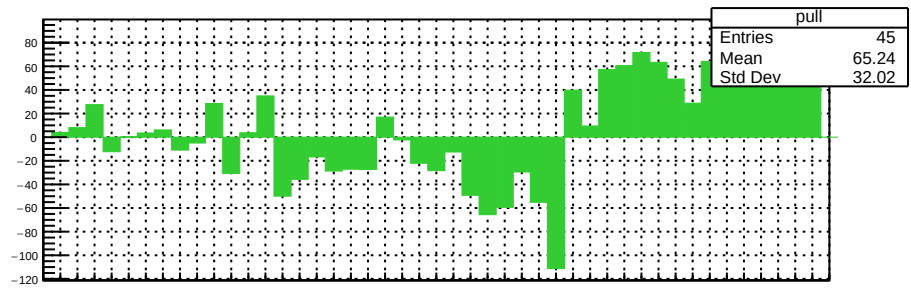
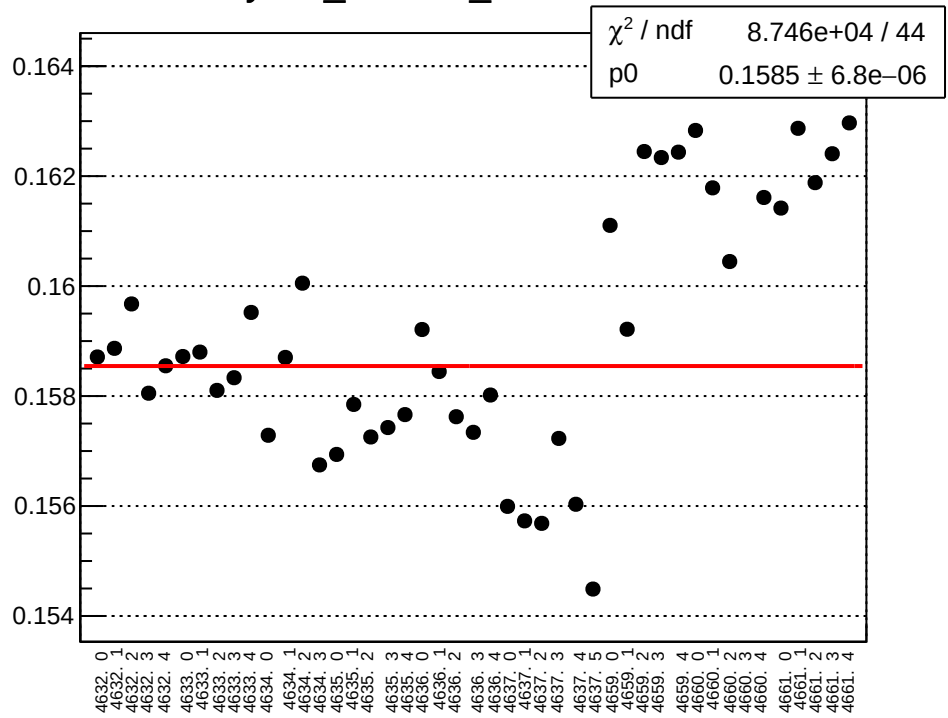
yield_cav4bY_mean vs run



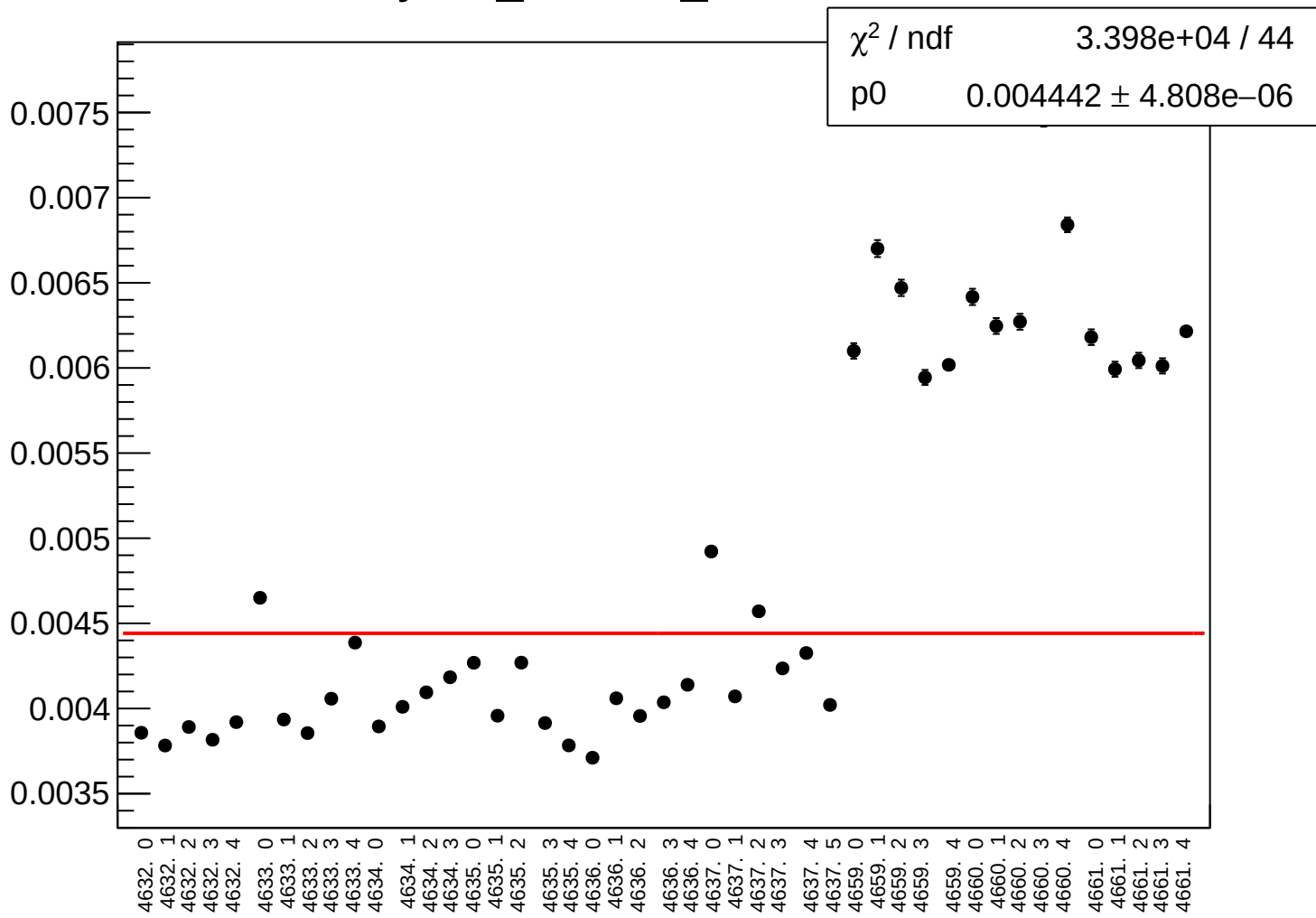
yield_cav4bY_rms vs run



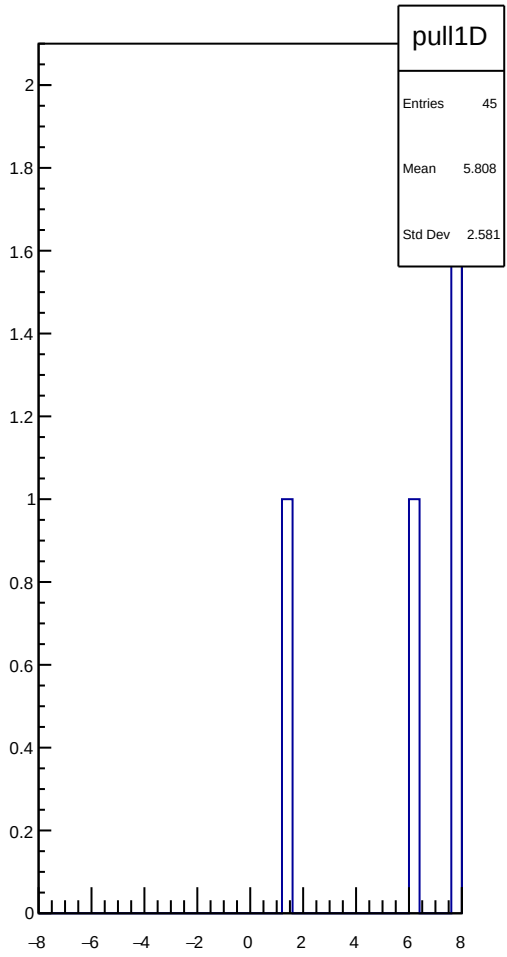
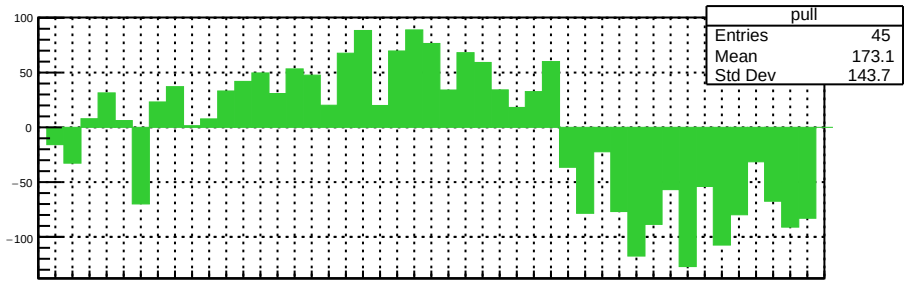
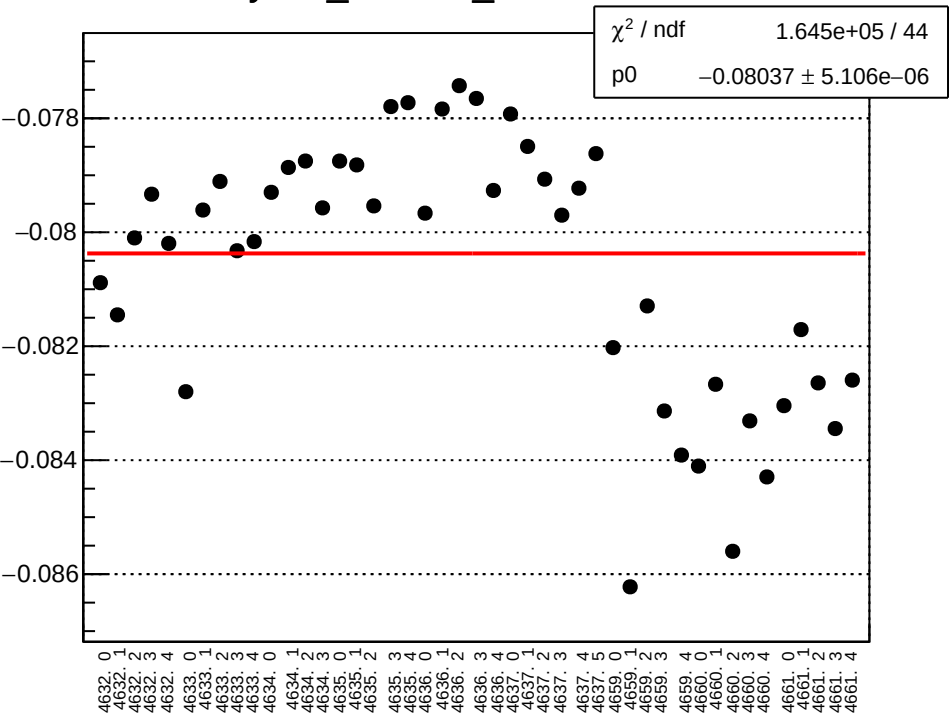
yield_cav4cX_mean vs run



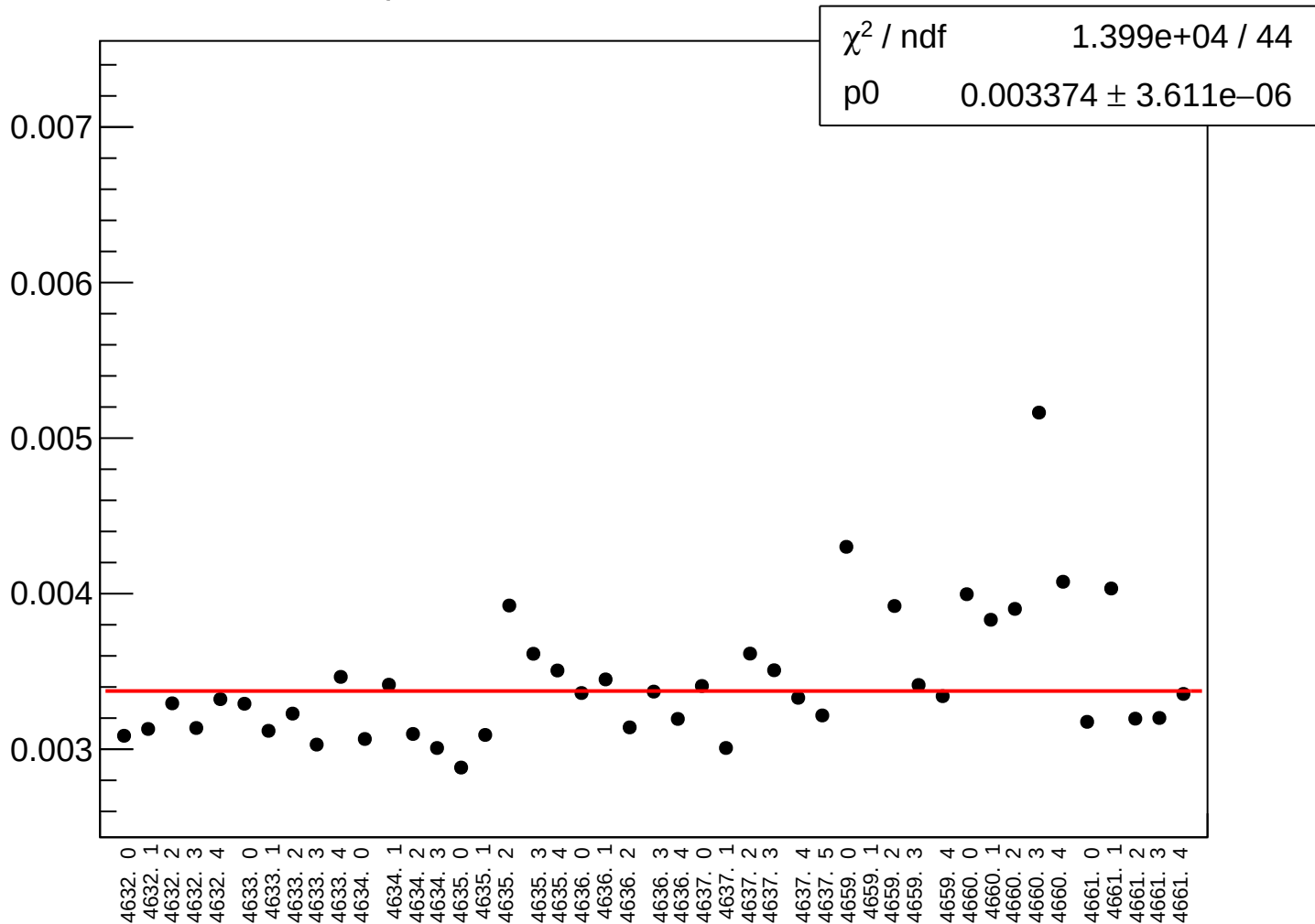
yield_cav4cX_rms vs run



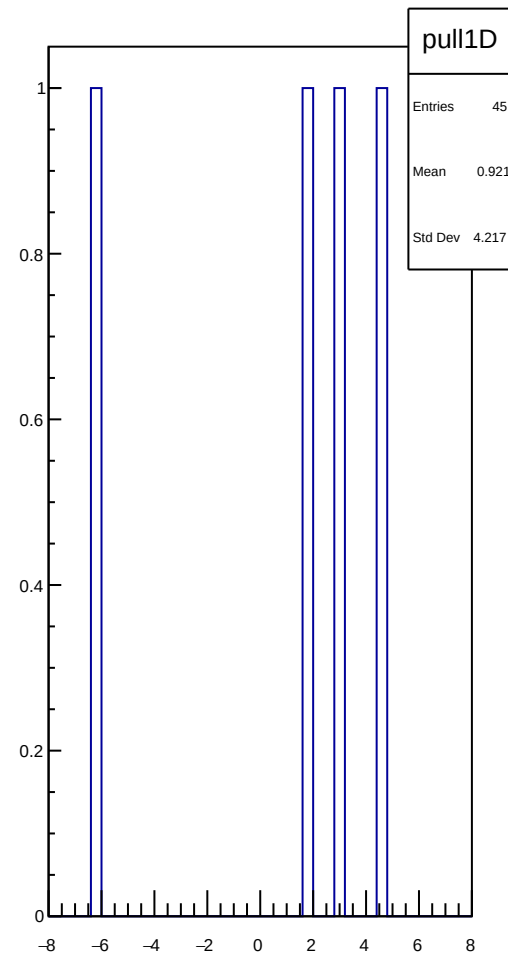
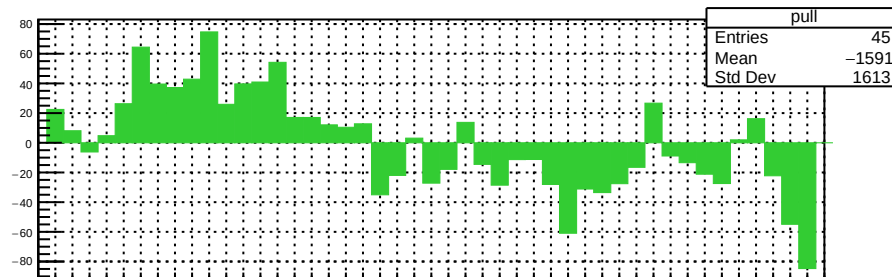
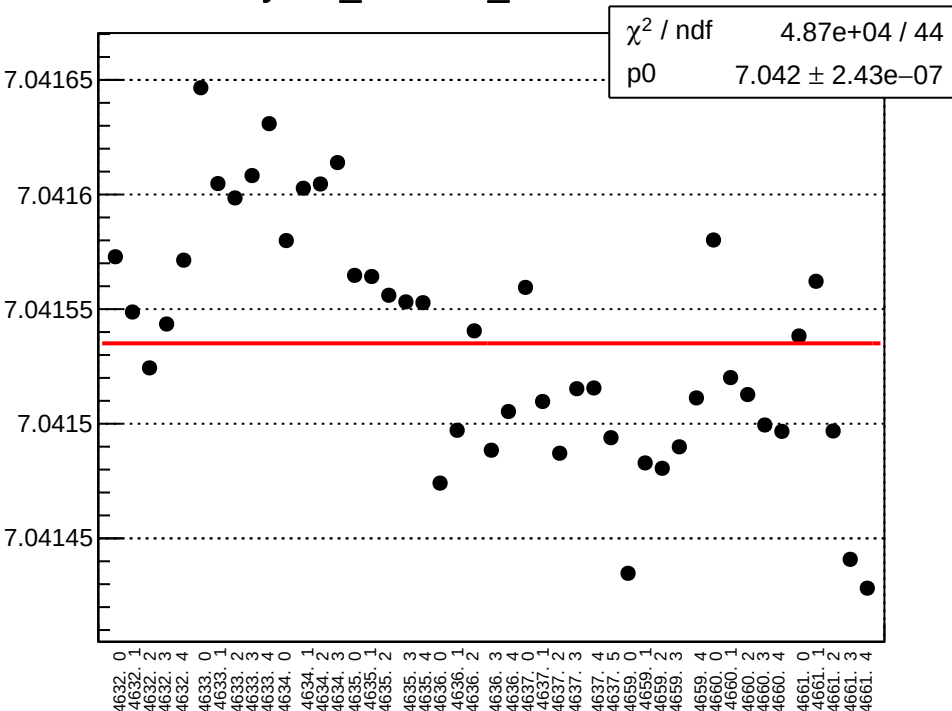
yield_cav4cY_mean vs run



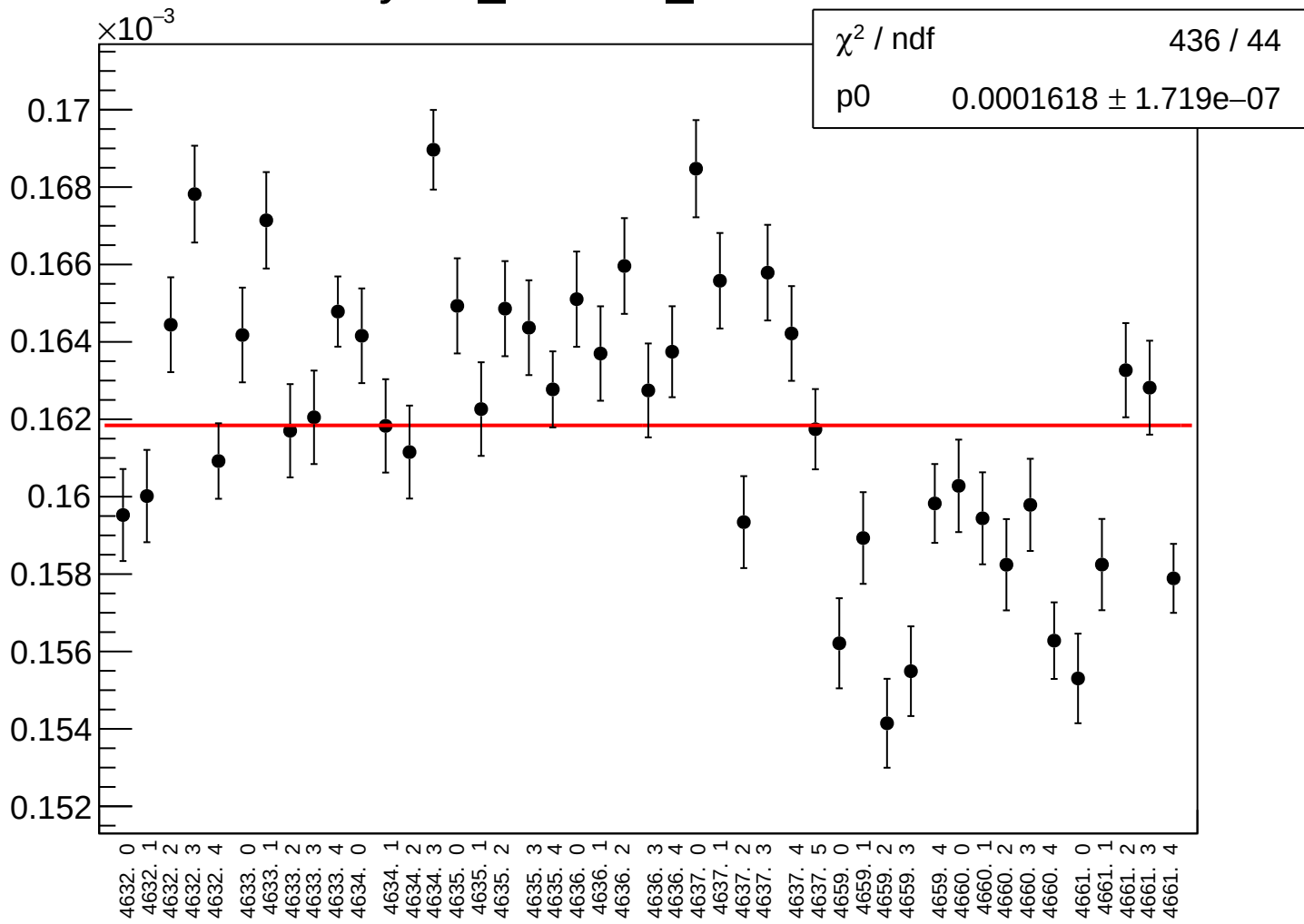
yield_cav4cY_rms vs run



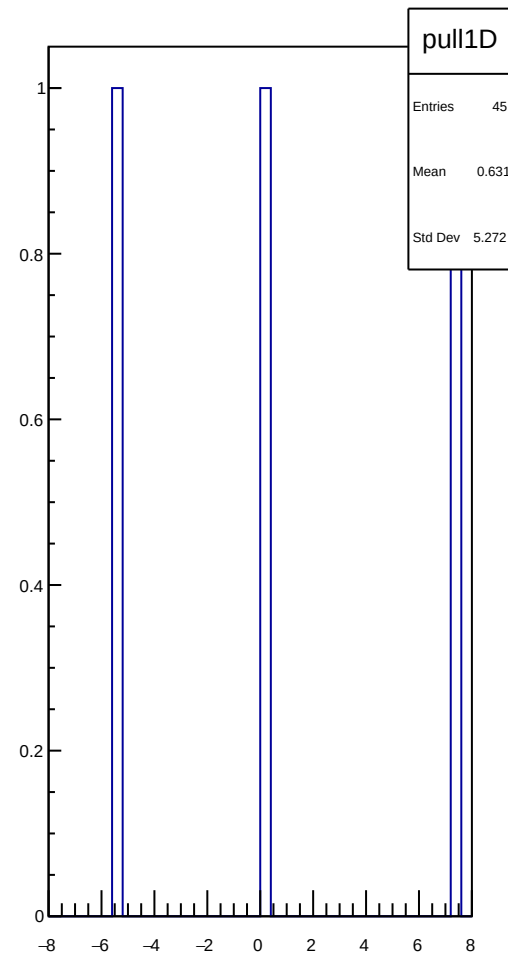
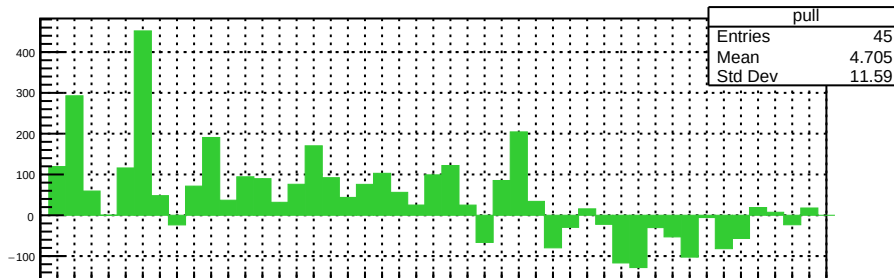
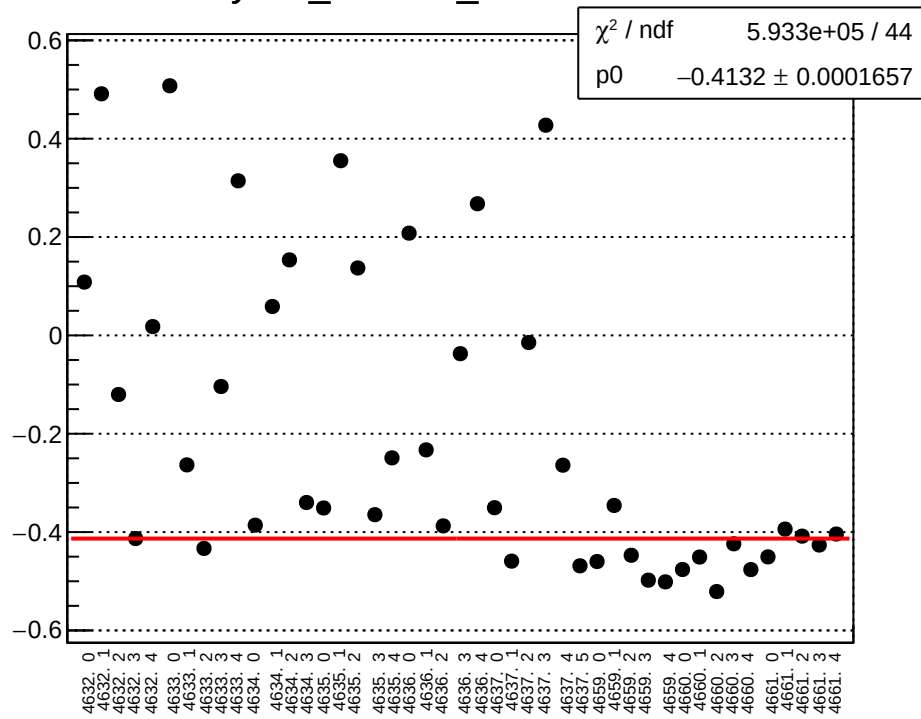
yield_cav4dX_mean vs run



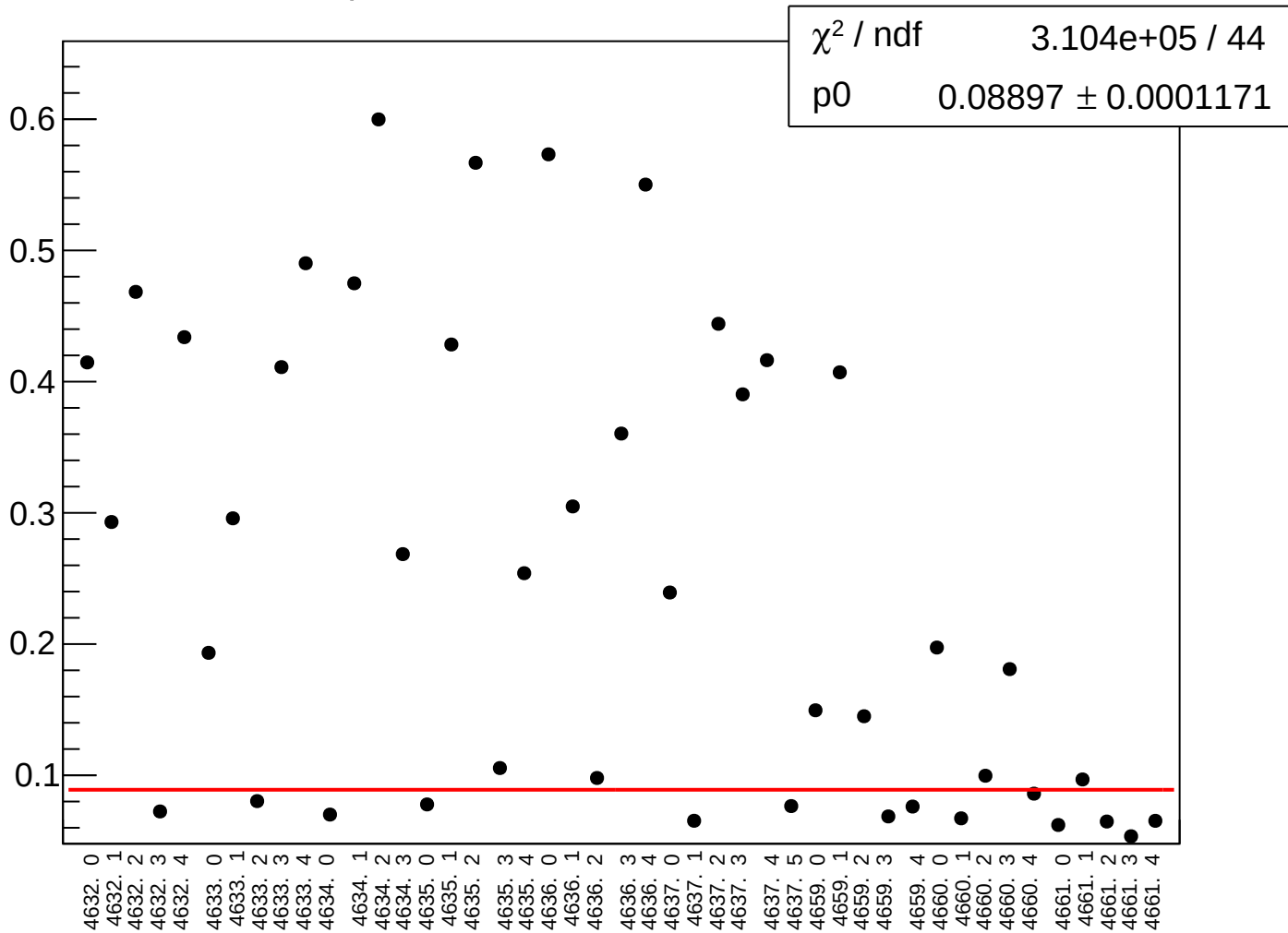
yield_cav4dX_rms vs run



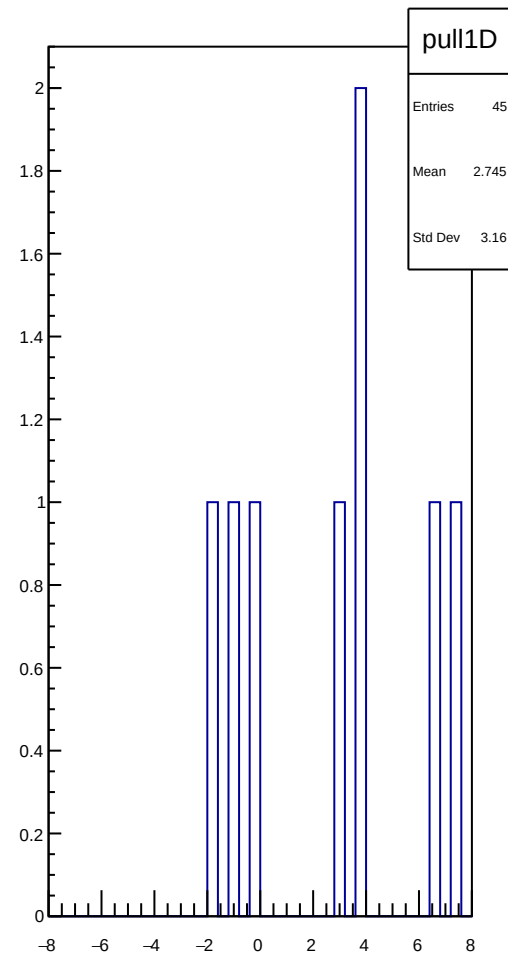
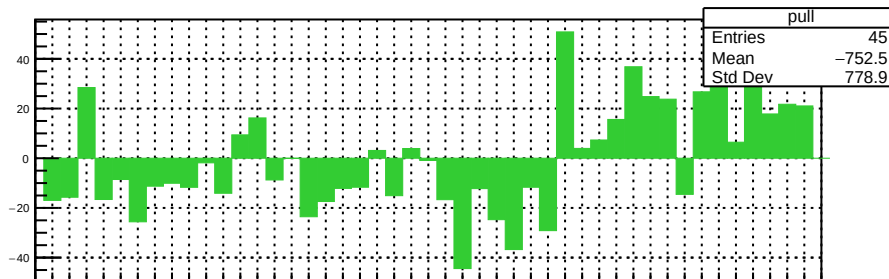
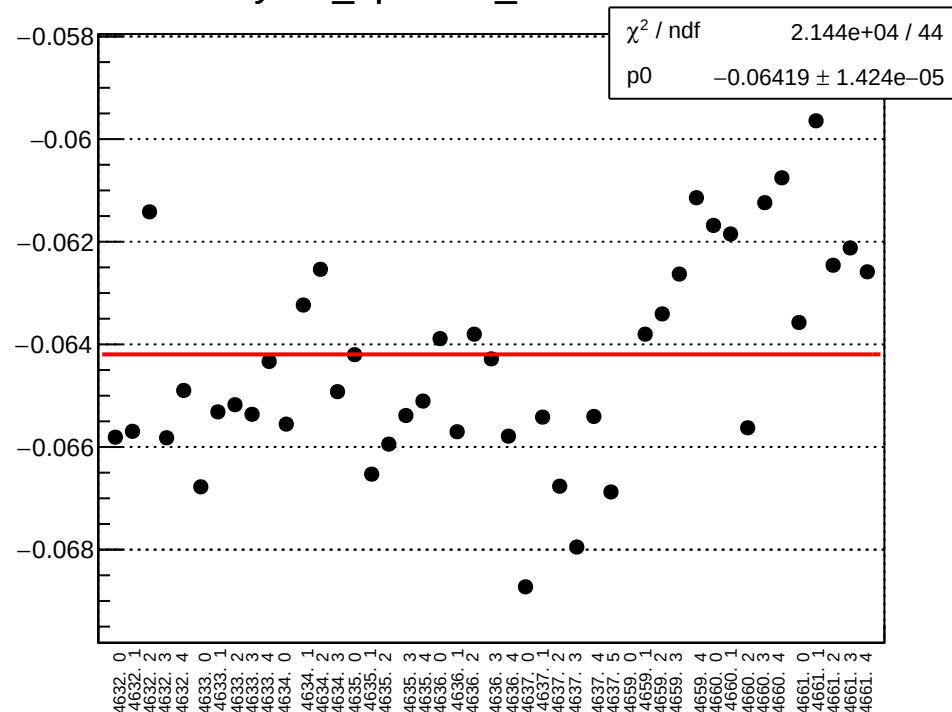
yield_cav4dY_mean vs run



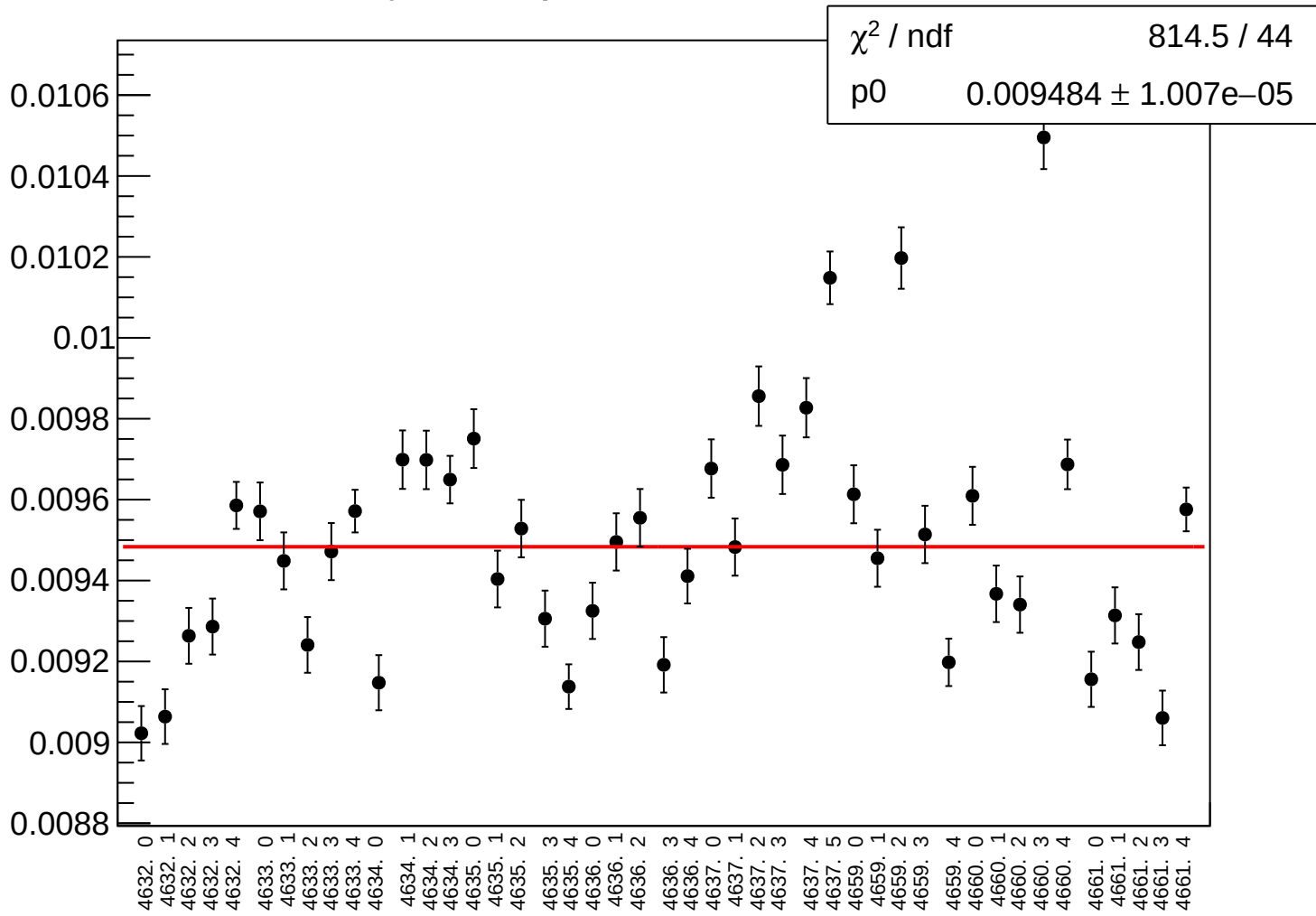
yield_cav4dY_rms vs run



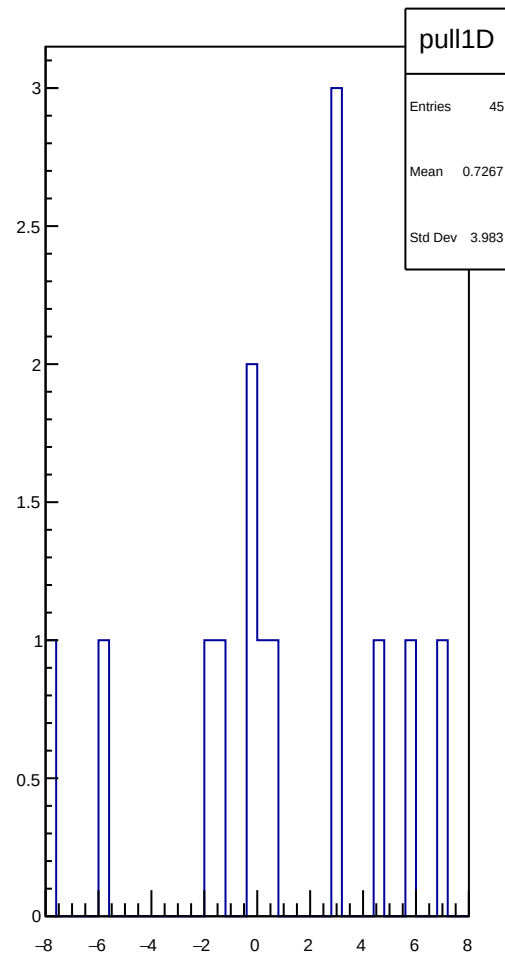
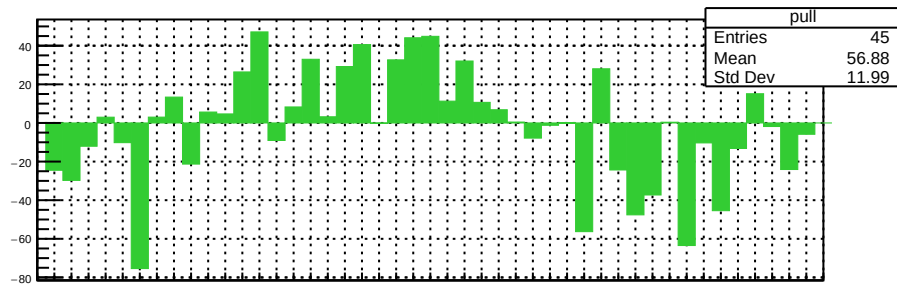
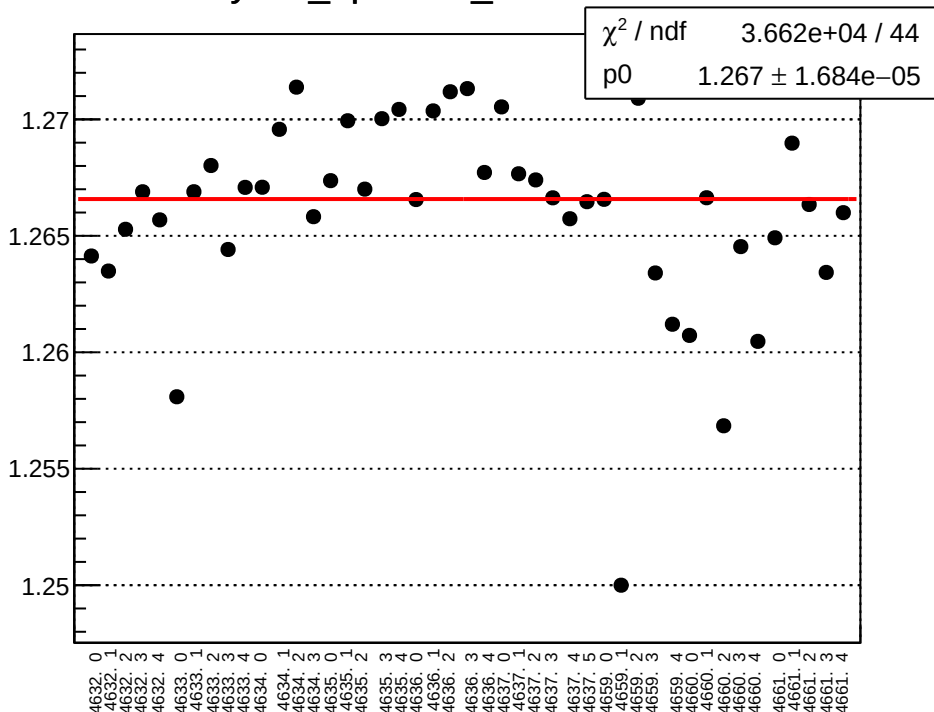
yield_bpm4aX_mean vs run



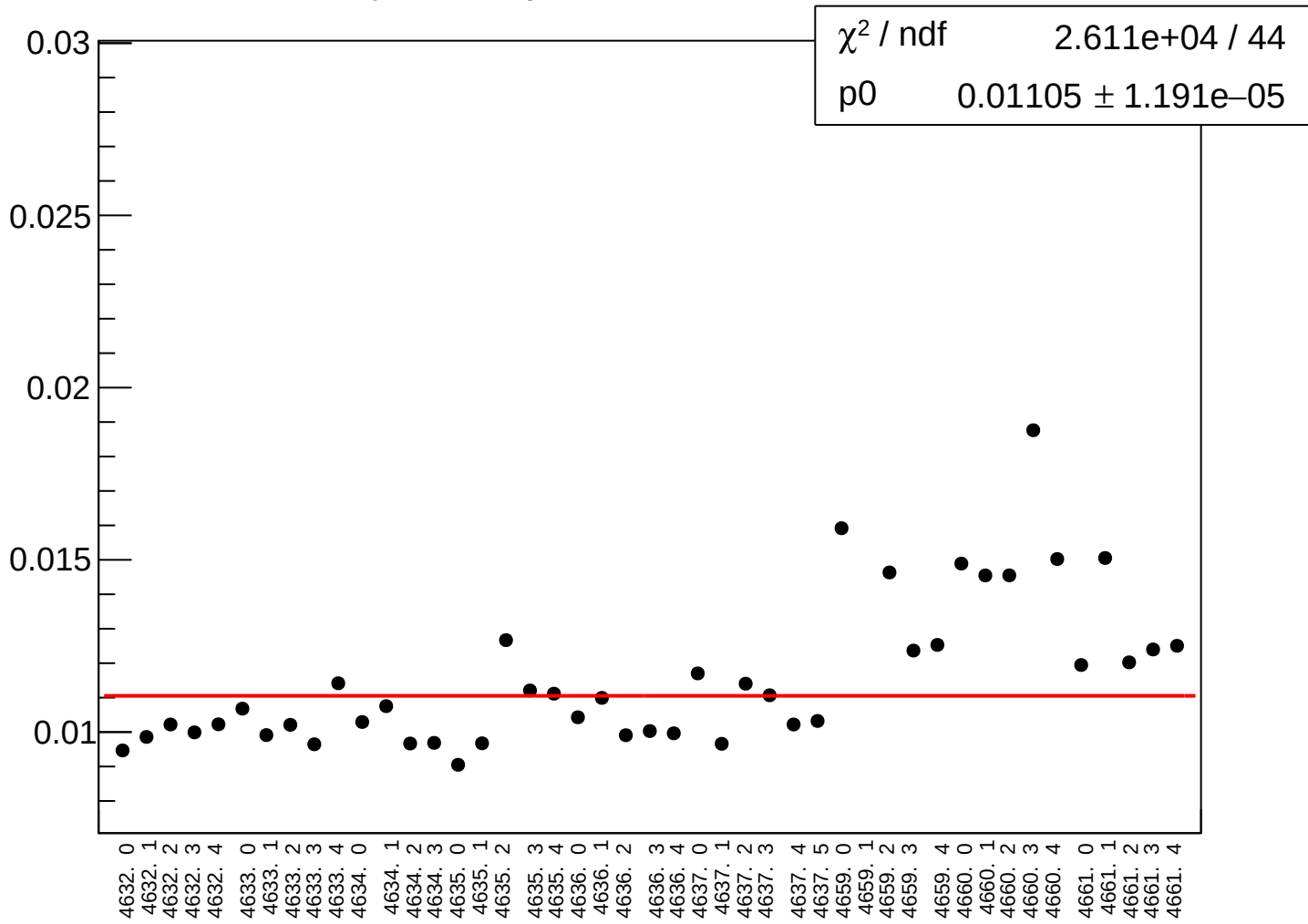
yield_bpm4aX_rms vs run



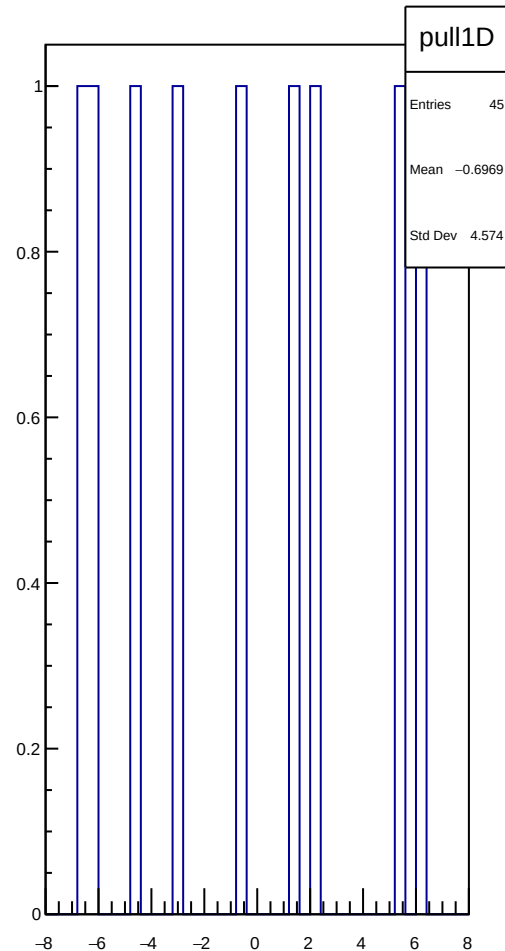
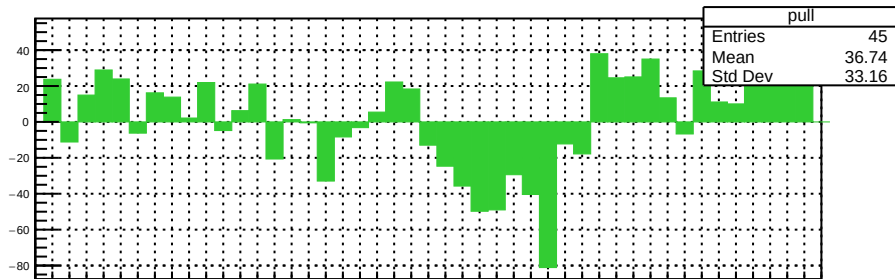
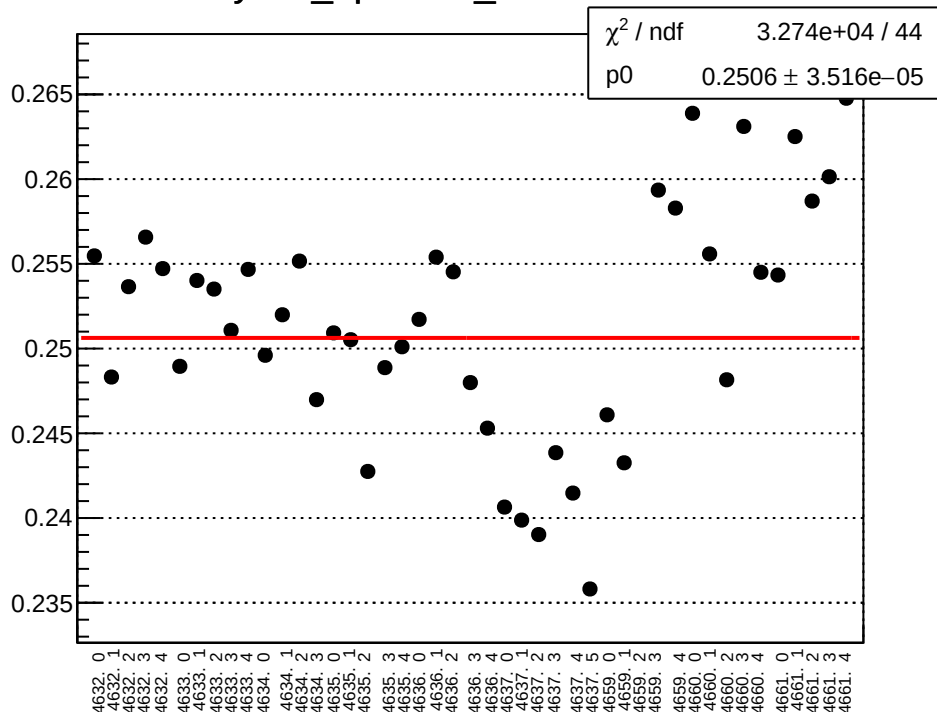
yield_bpm4aY_mean vs run



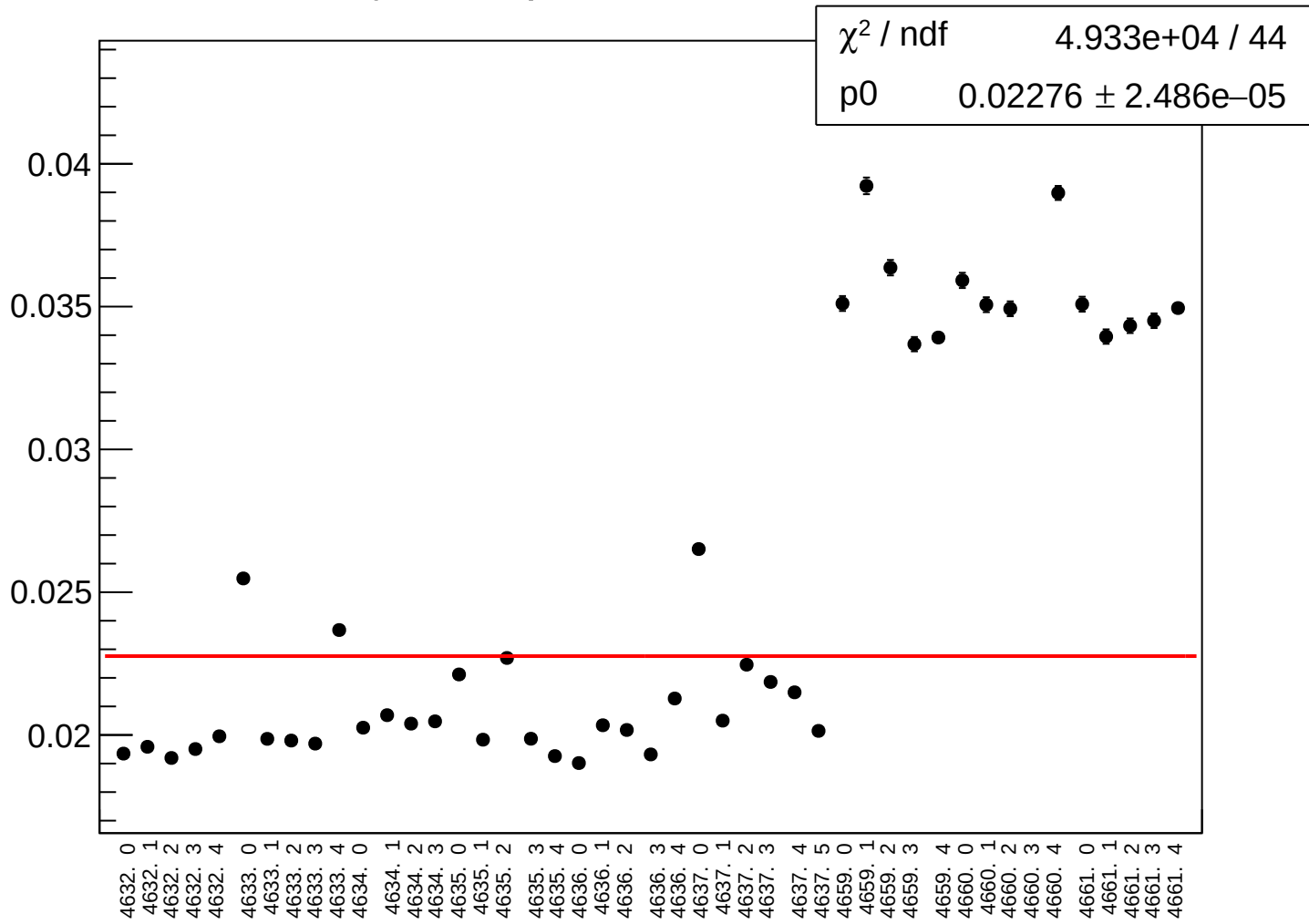
yield_bpm4aY_rms vs run



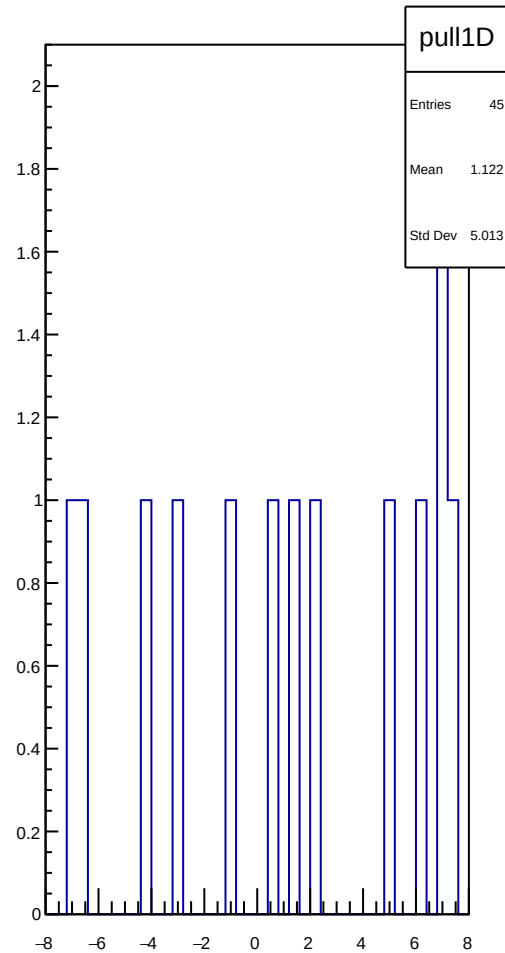
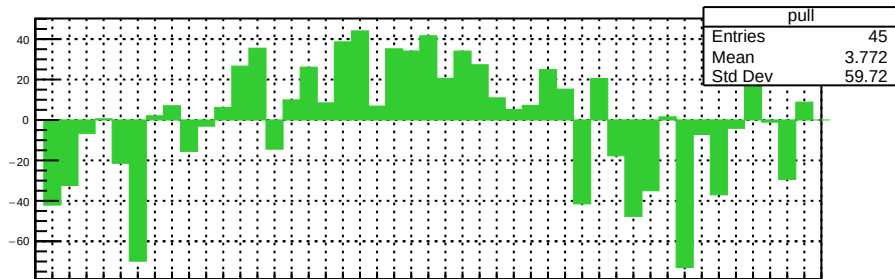
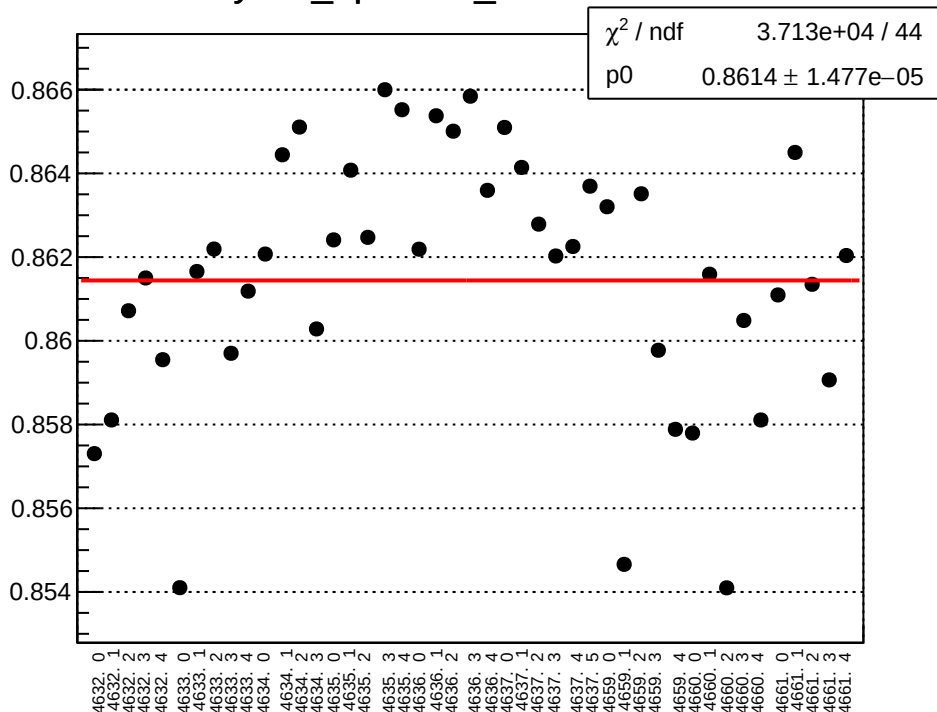
yield_bpm4eX_mean vs run



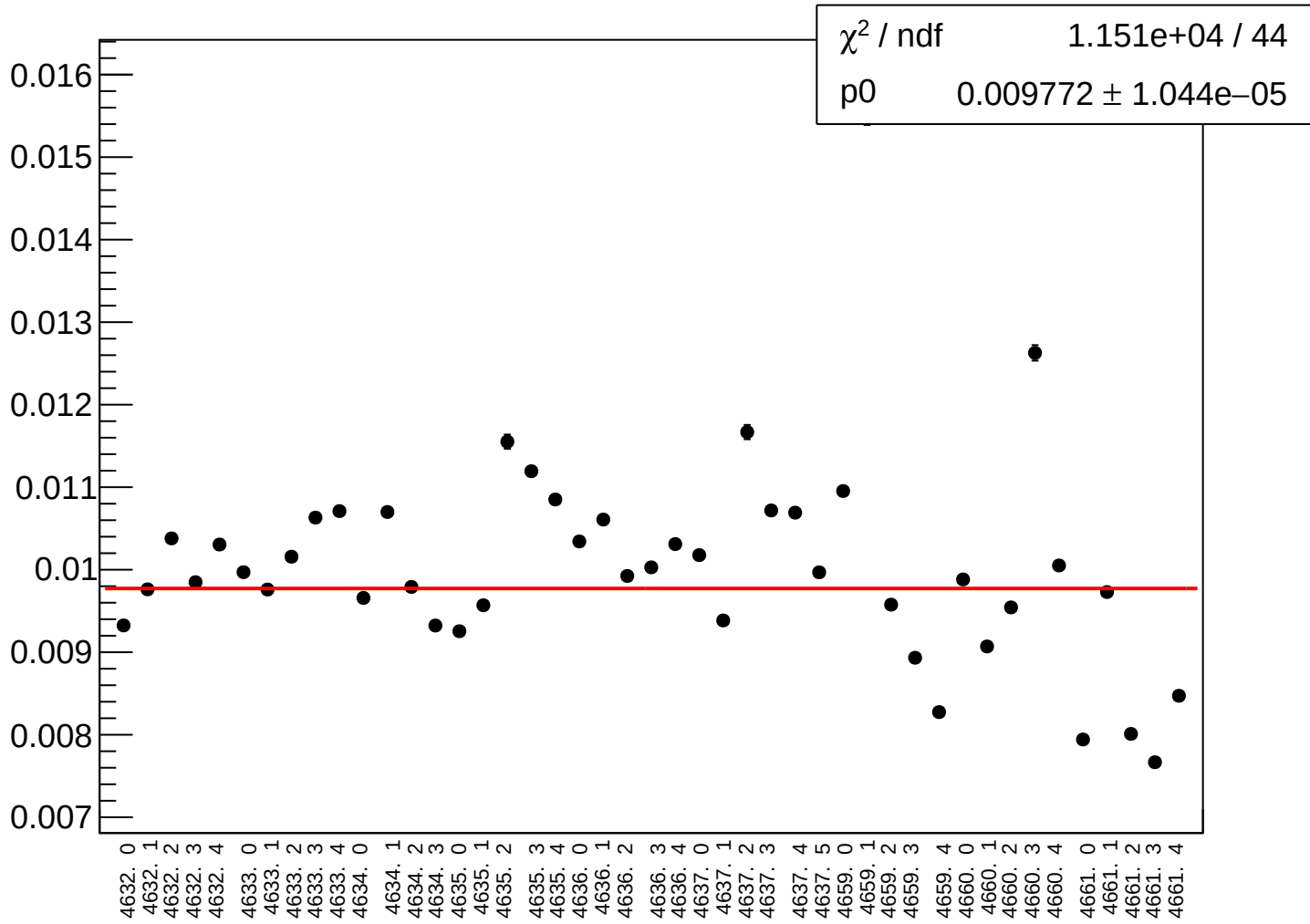
yield_bpm4eX_rms vs run



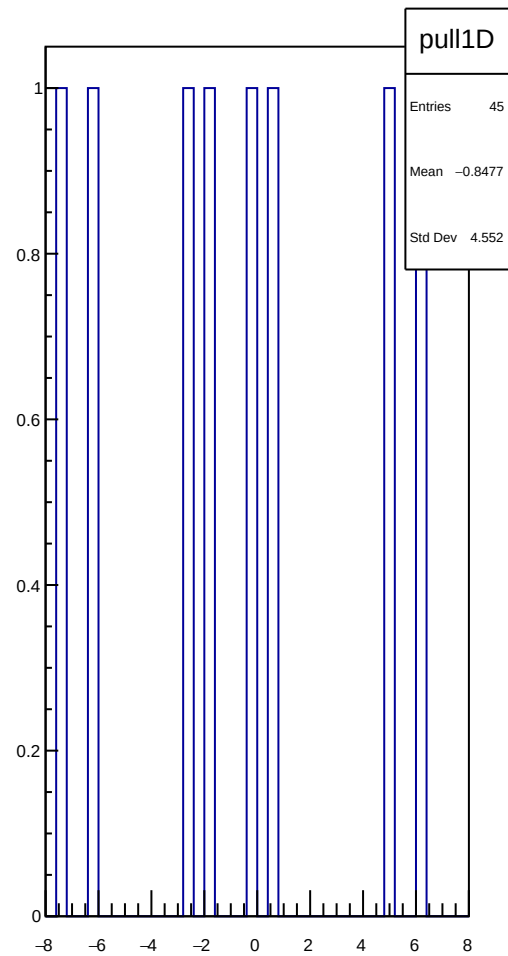
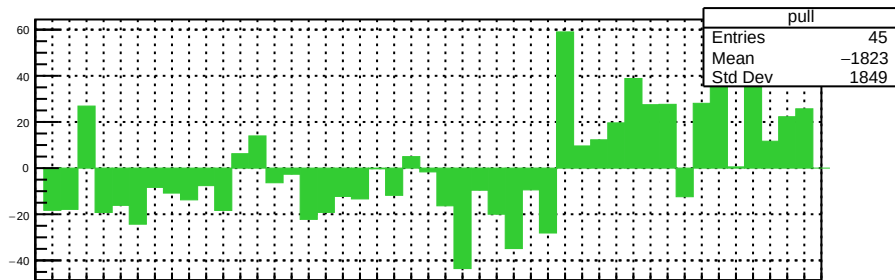
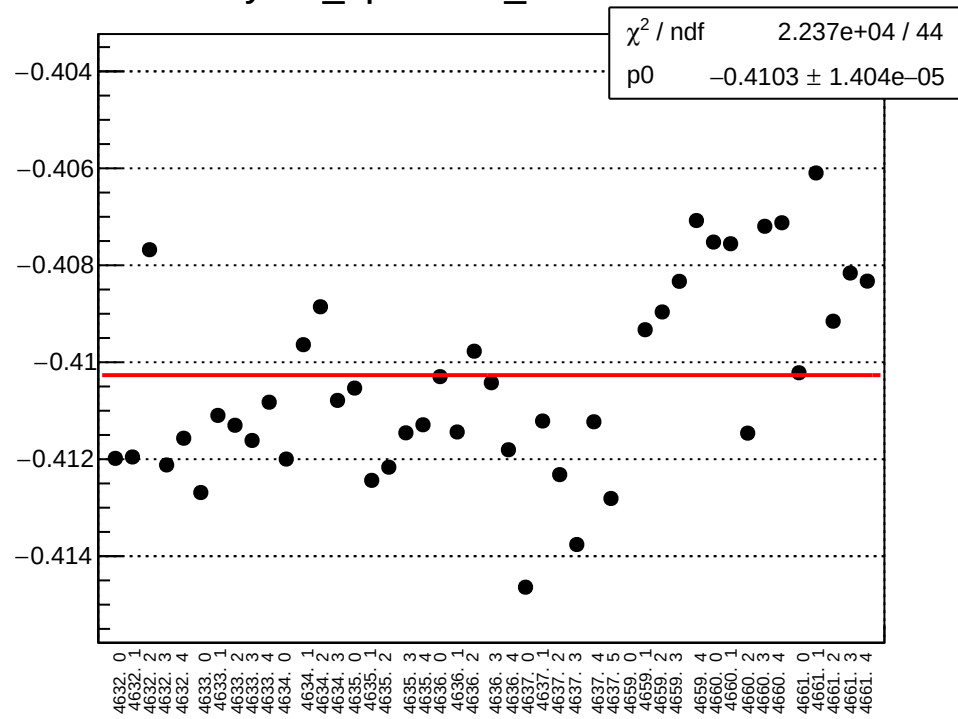
yield_bpm4eY_mean vs run



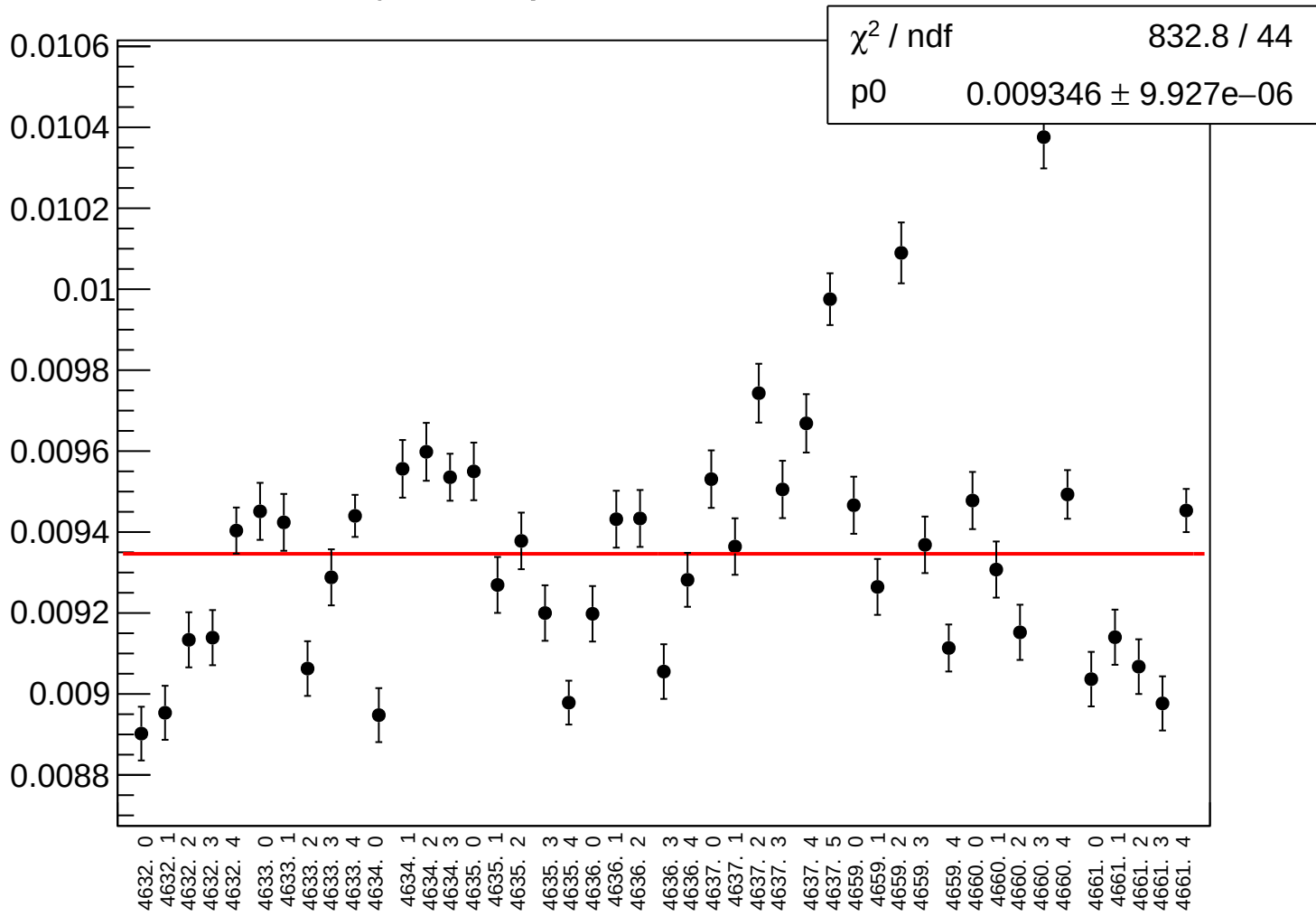
yield_bpm4eY_rms vs run



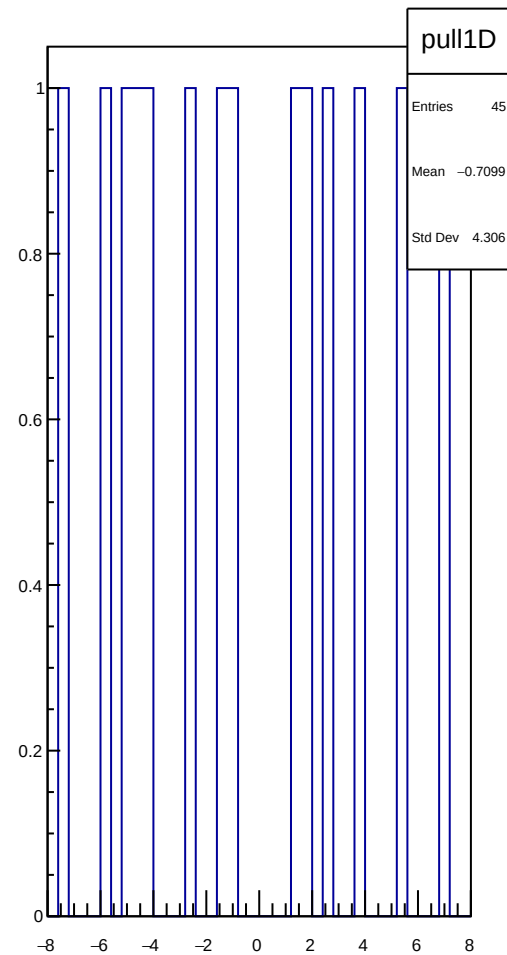
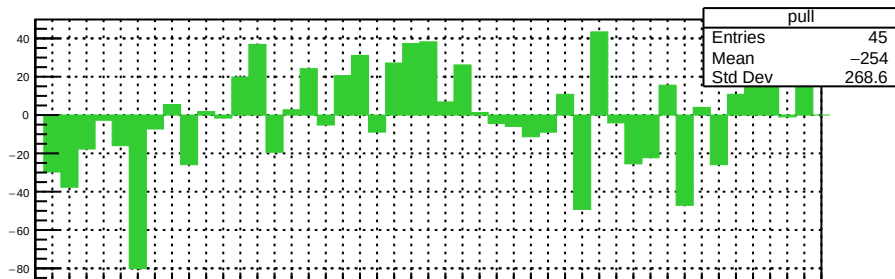
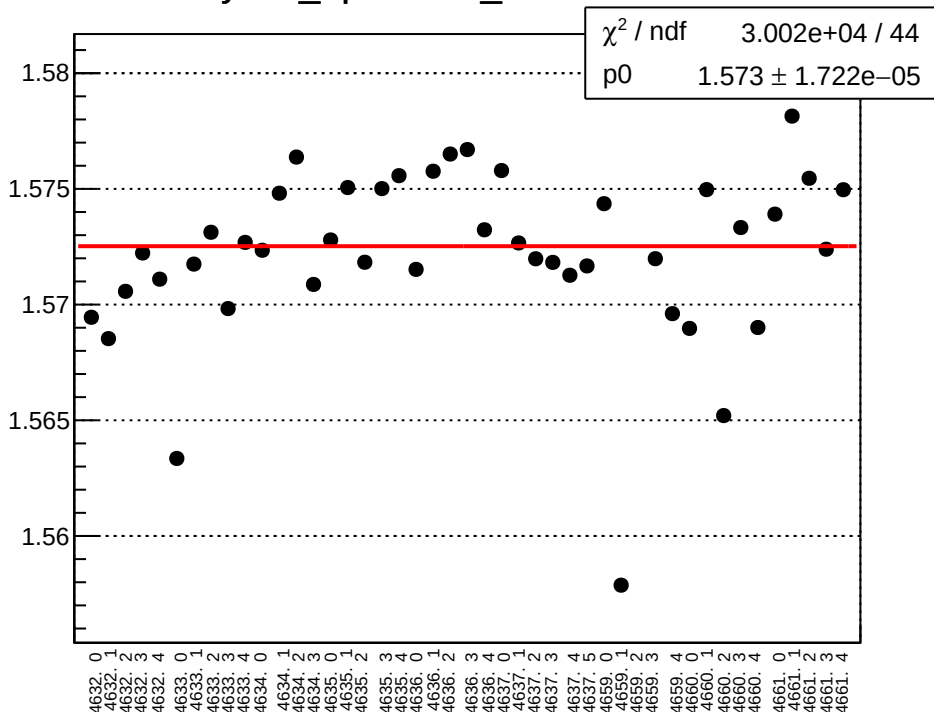
yield_bpm4acX_mean vs run



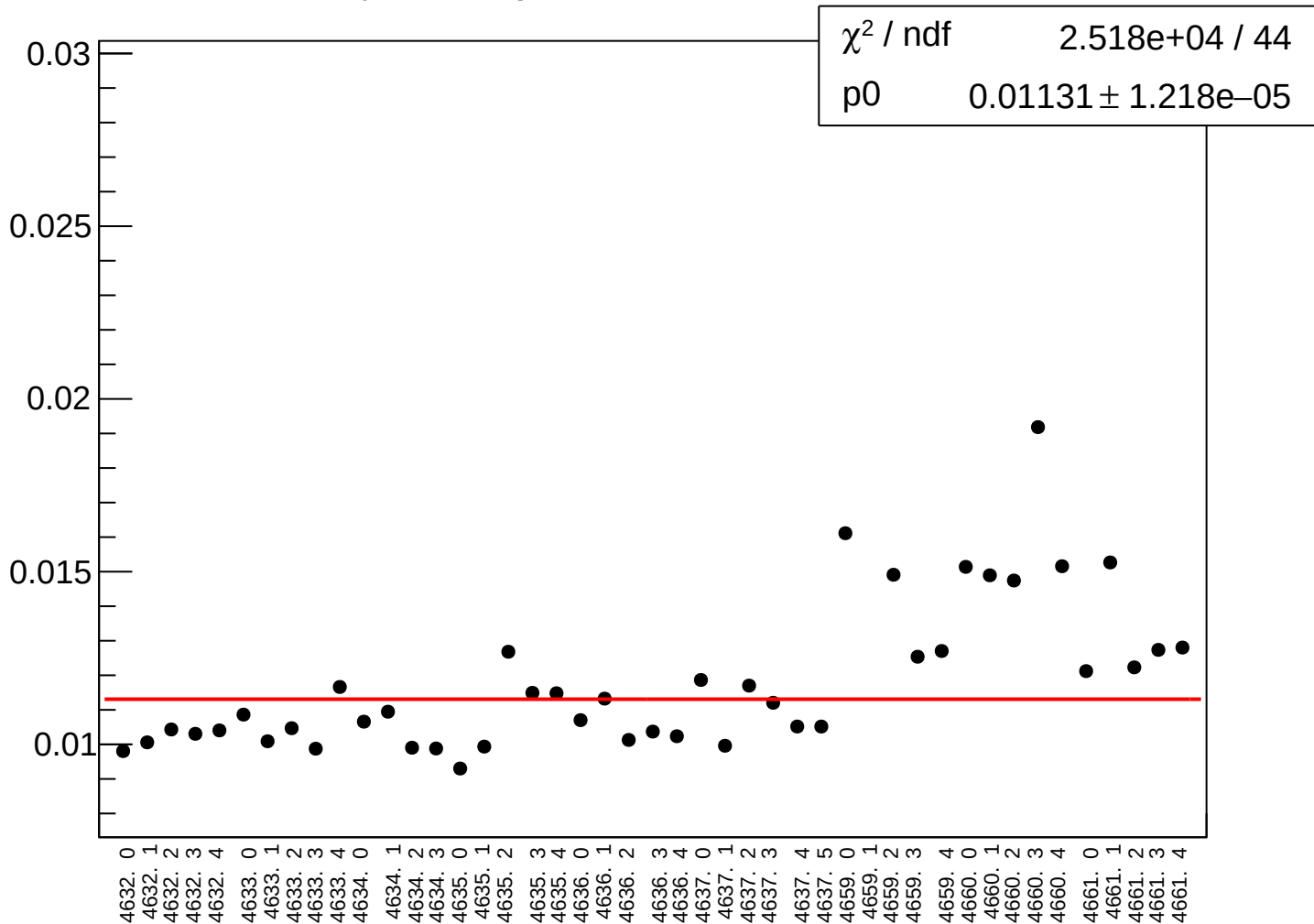
yield_bpm4acX_rms vs run



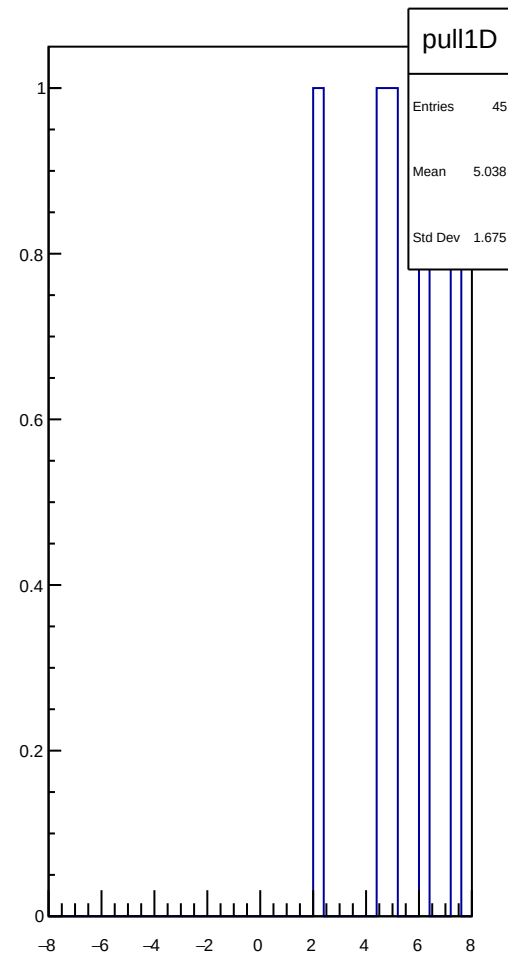
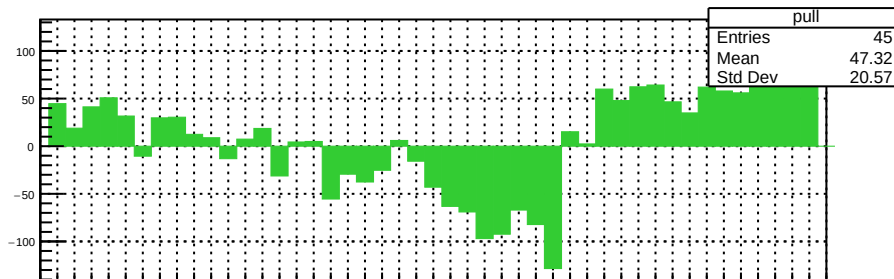
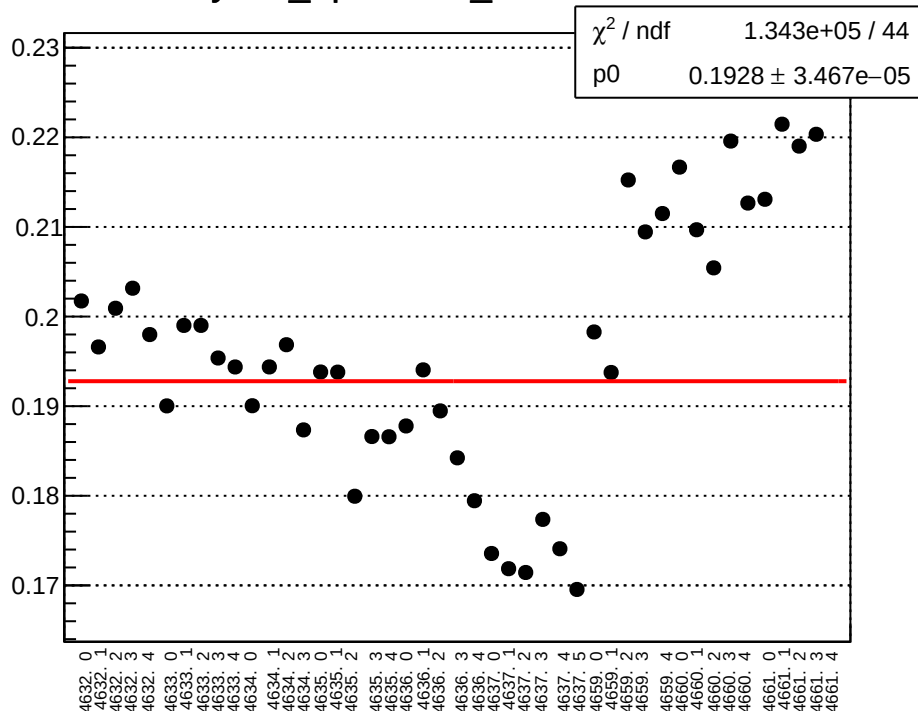
yield_bpm4acY_mean vs run



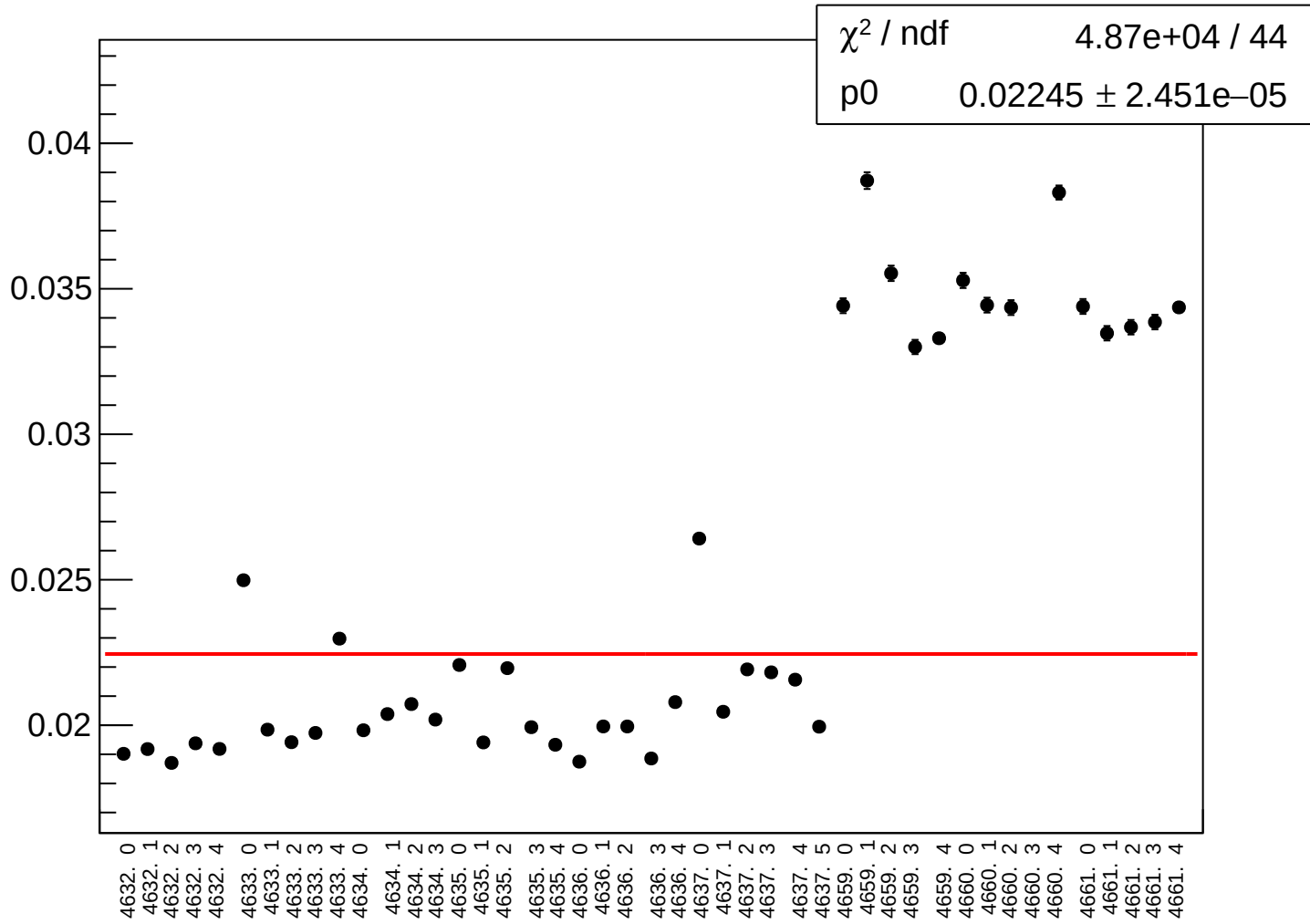
yield_bpm4acY_rms vs run



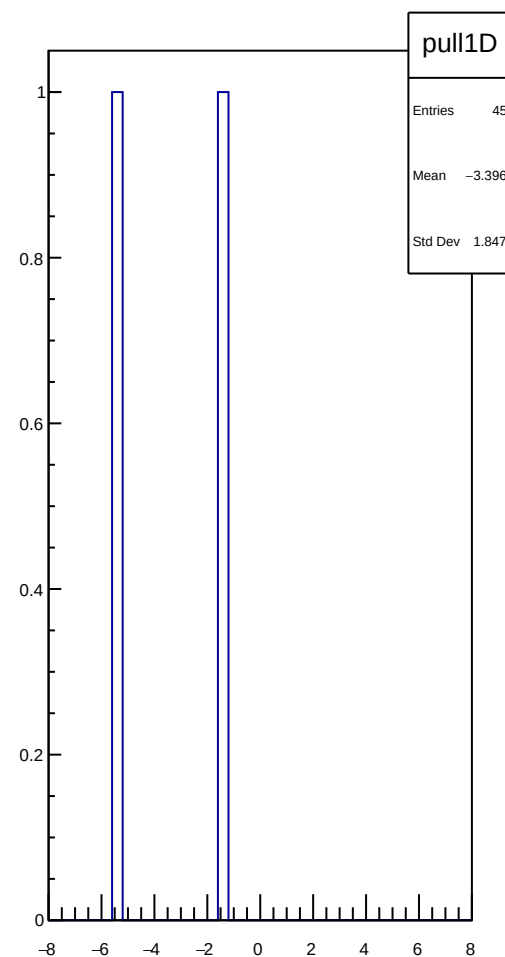
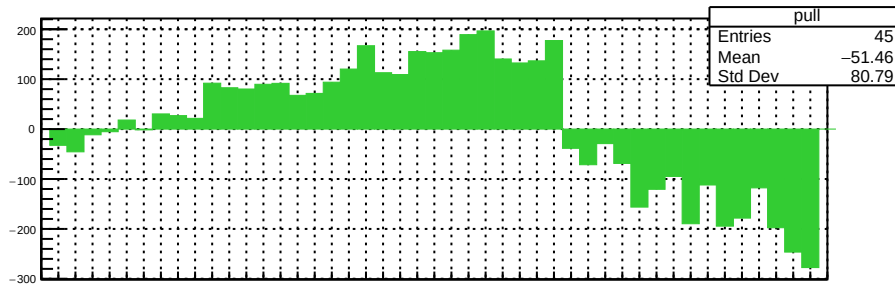
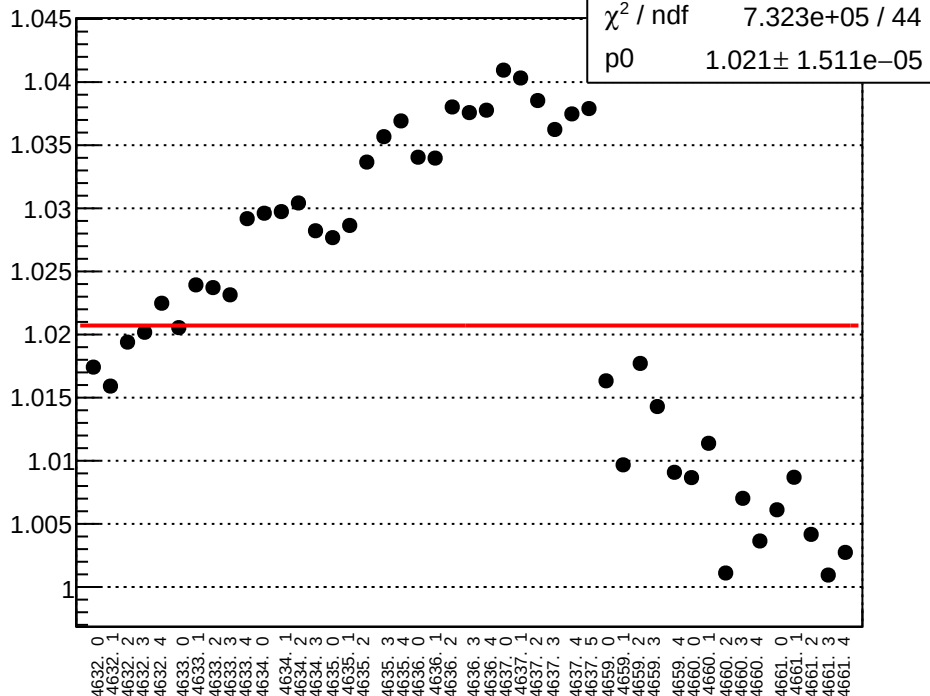
yield_bpm4ecX_mean vs run



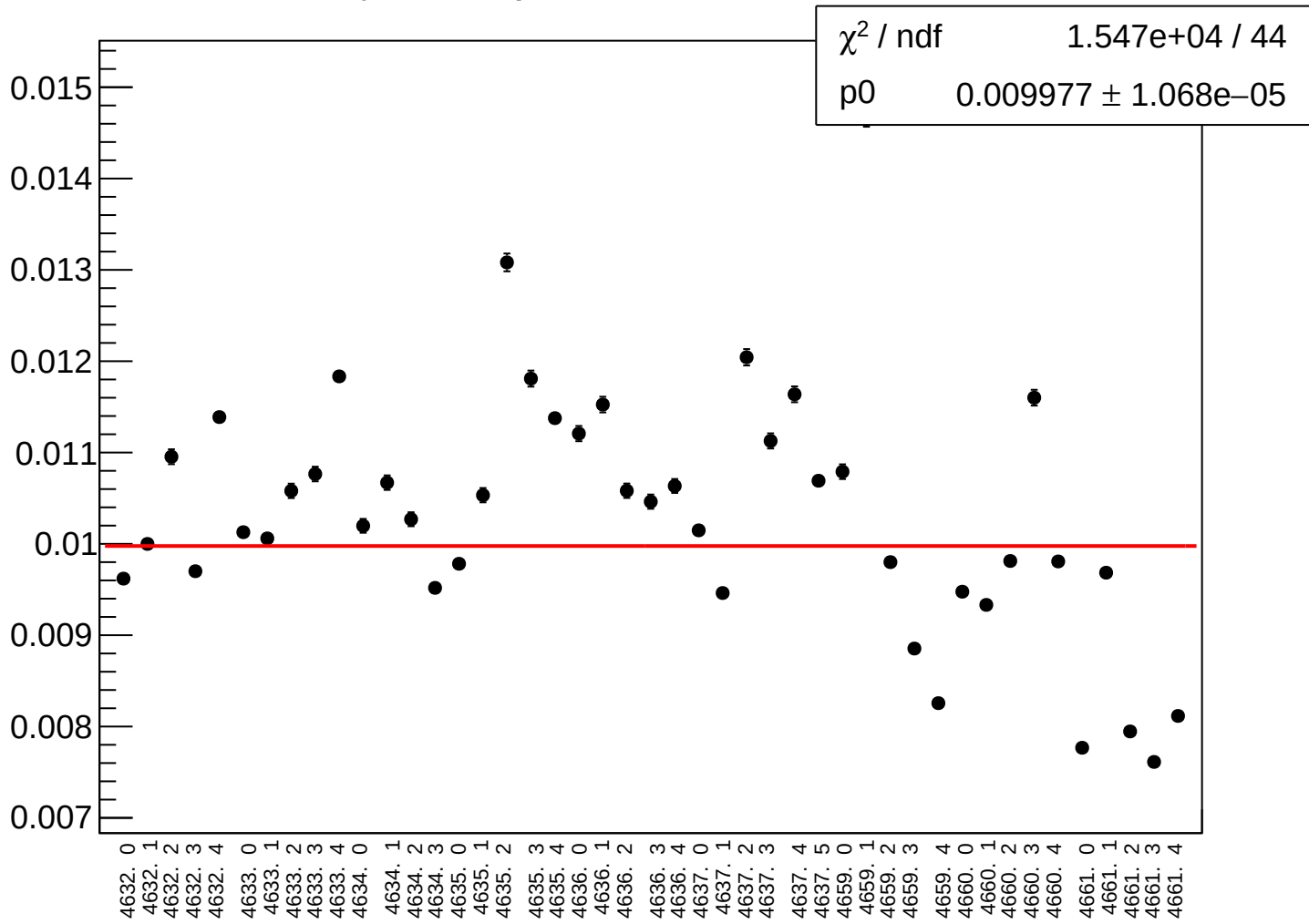
yield_bpm4ecX_rms vs run



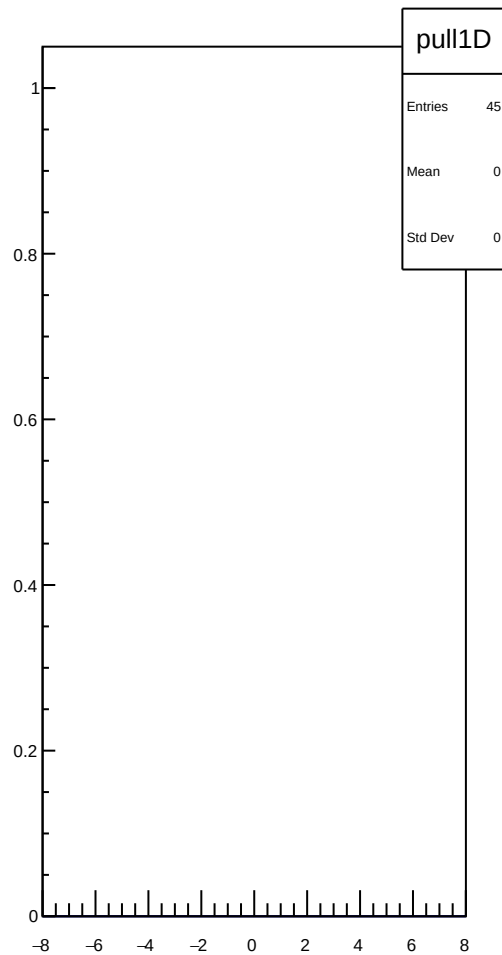
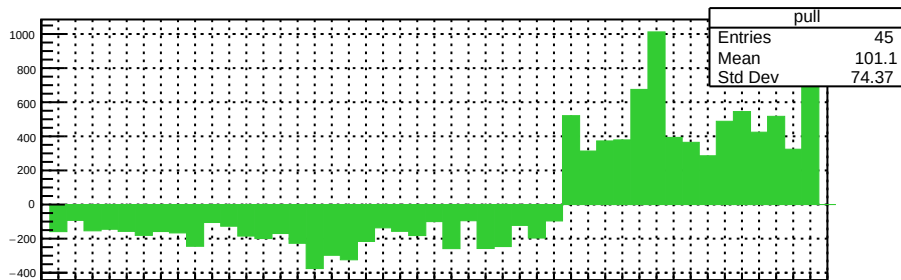
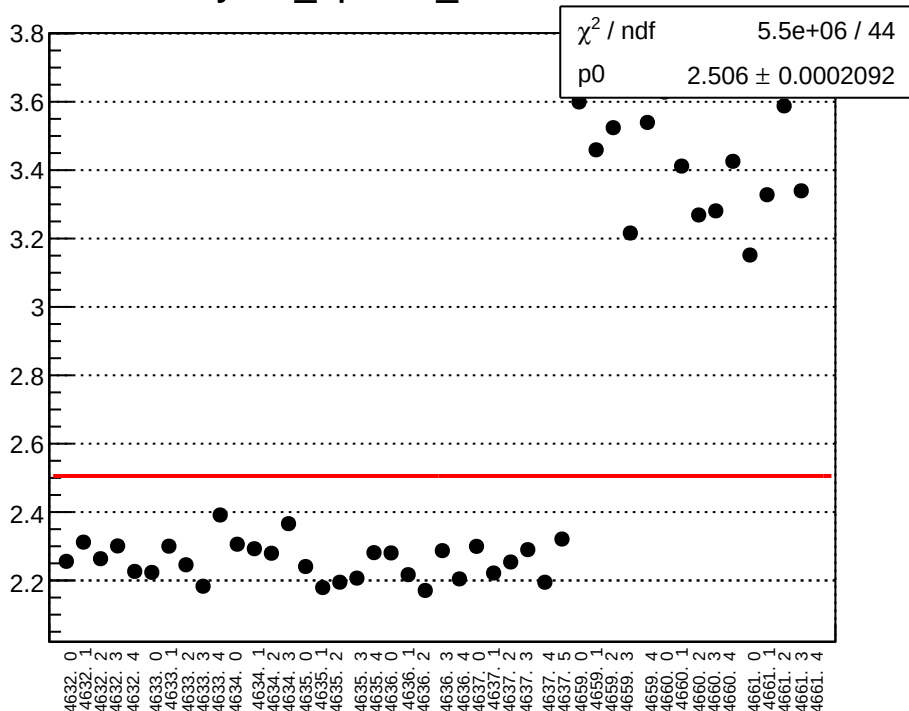
yield_bpm4ecY_mean vs run



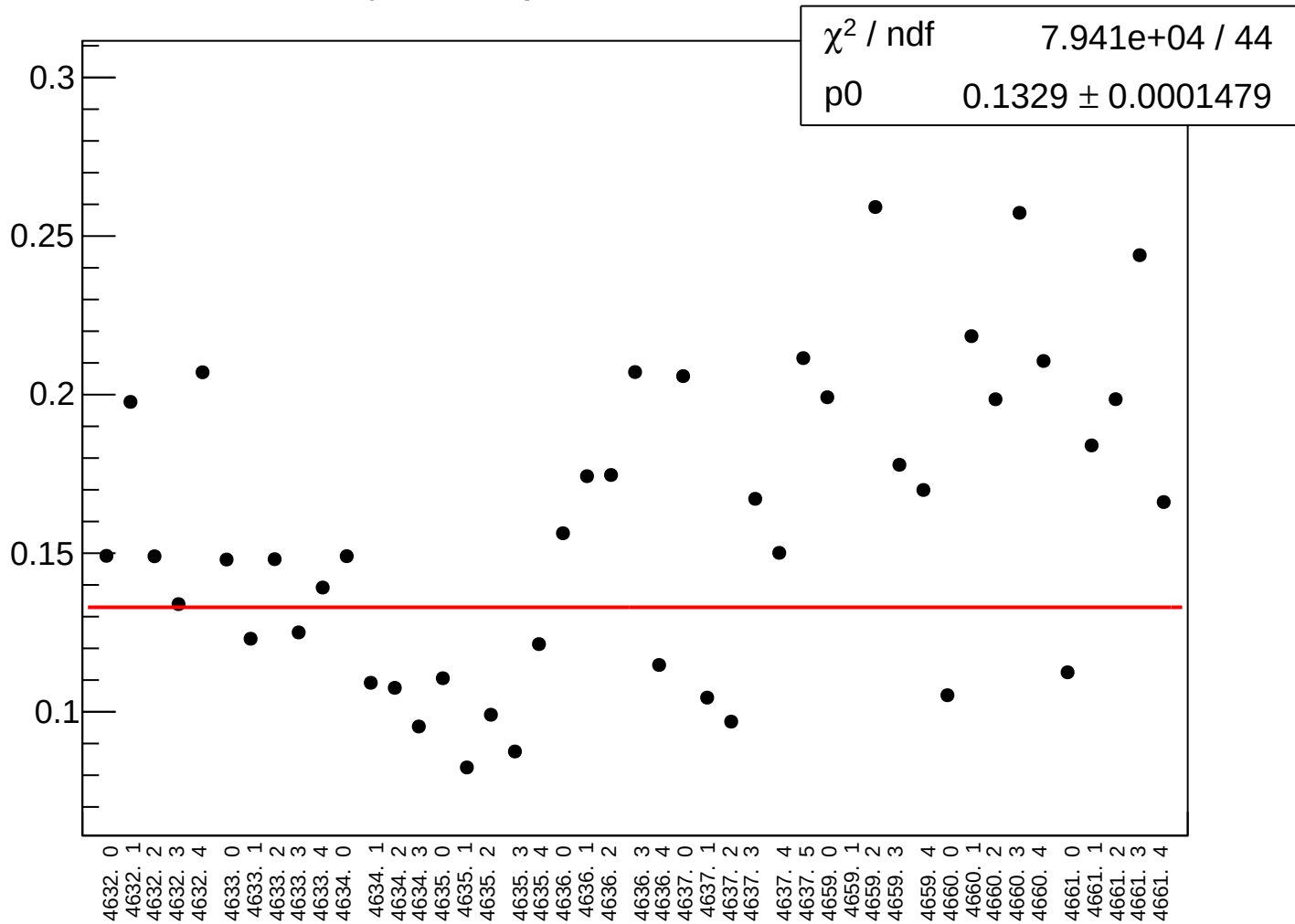
yield_bpm4ecY_rms vs run



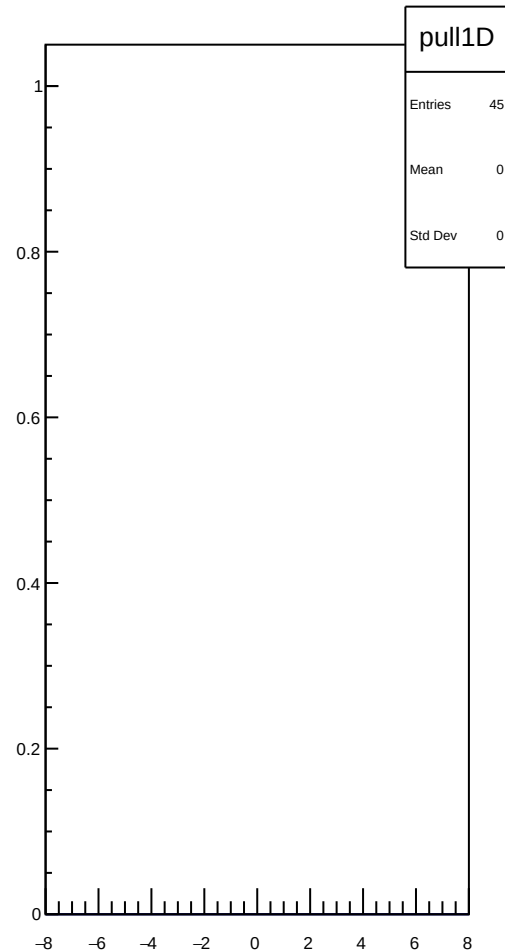
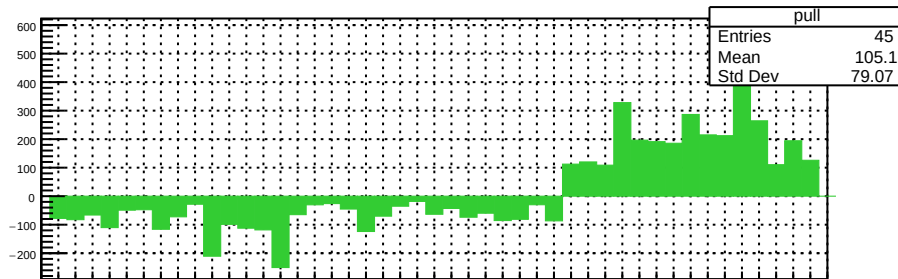
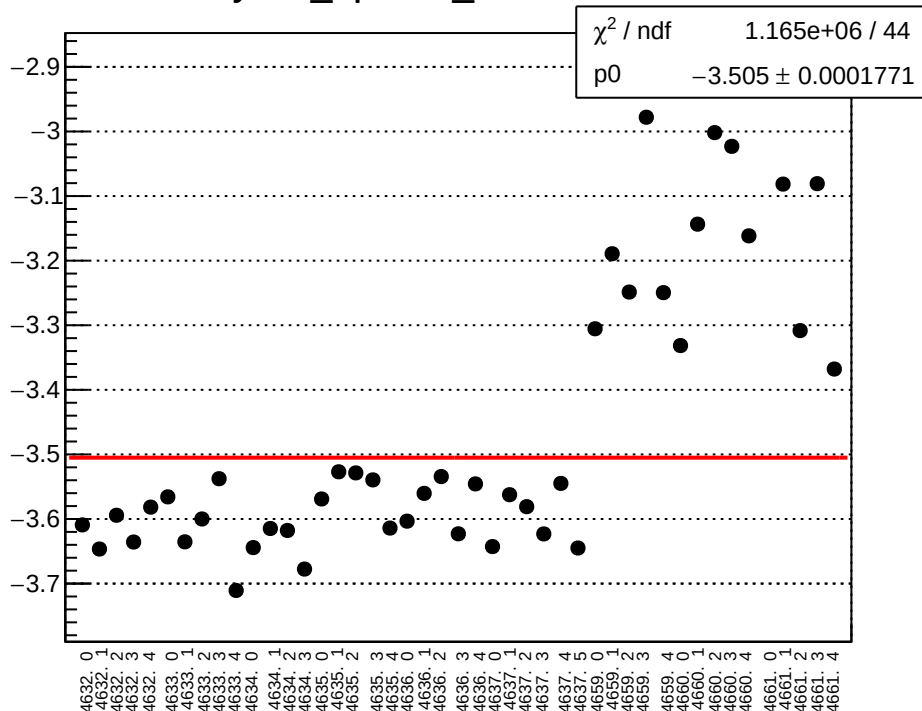
yield_bpm1X_mean vs run



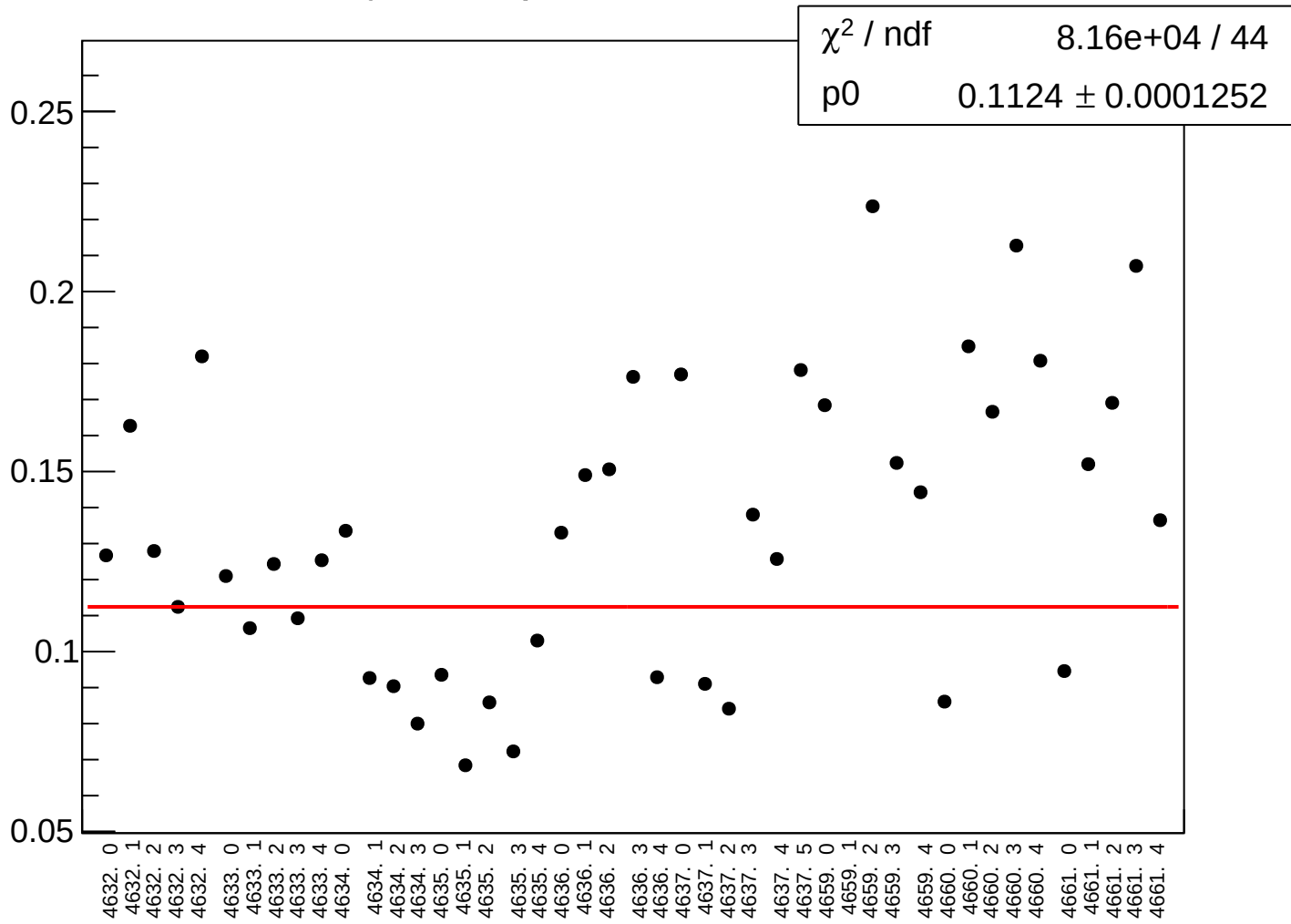
yield_bpm1X_rms vs run



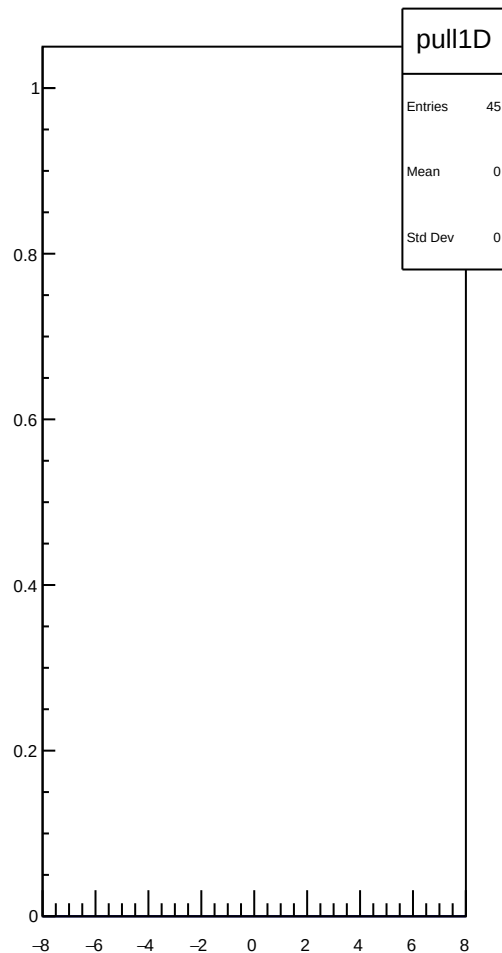
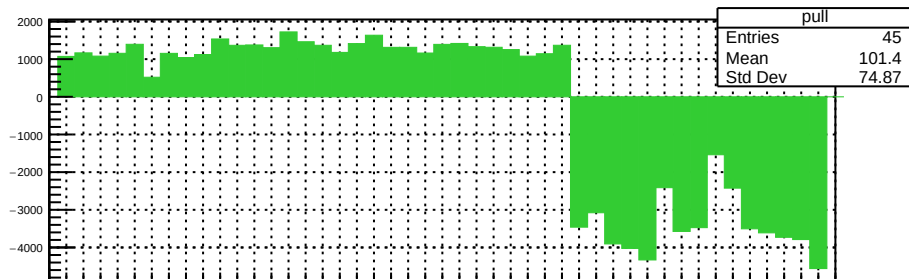
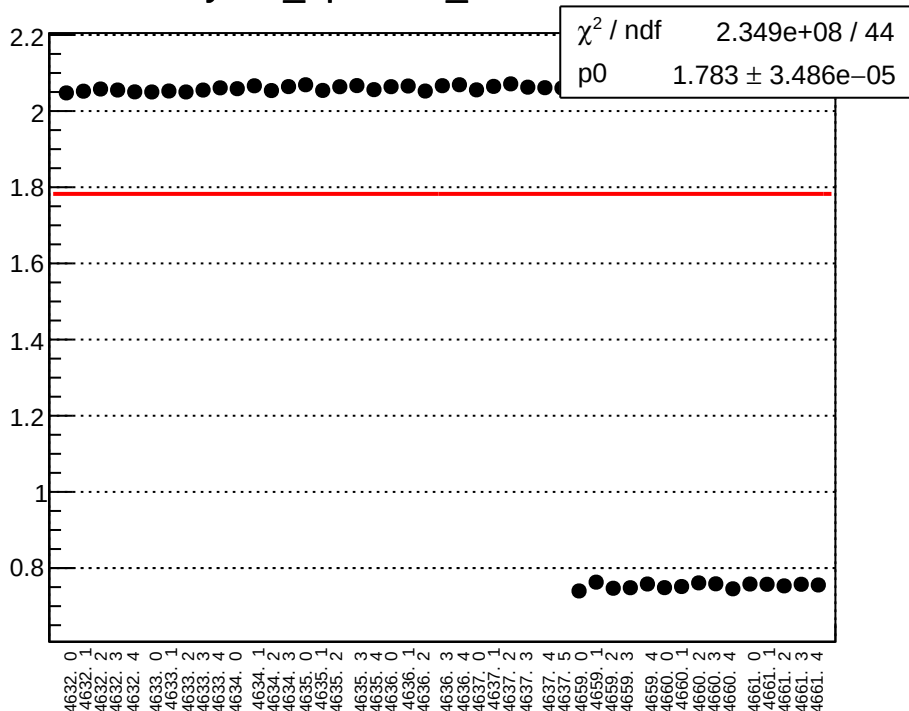
yield_bpm1Y_mean vs run



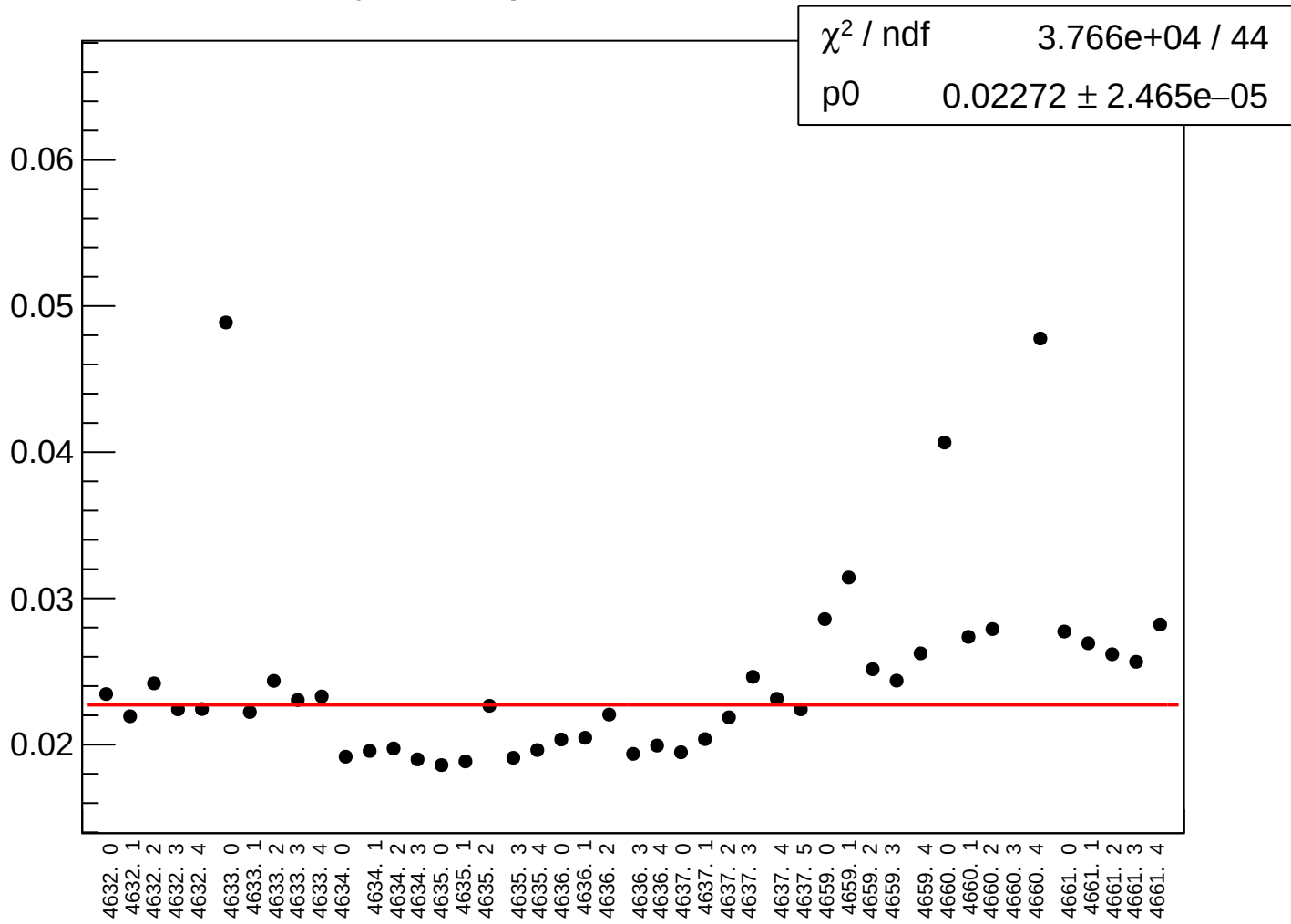
yield_bpm1Y_rms vs run



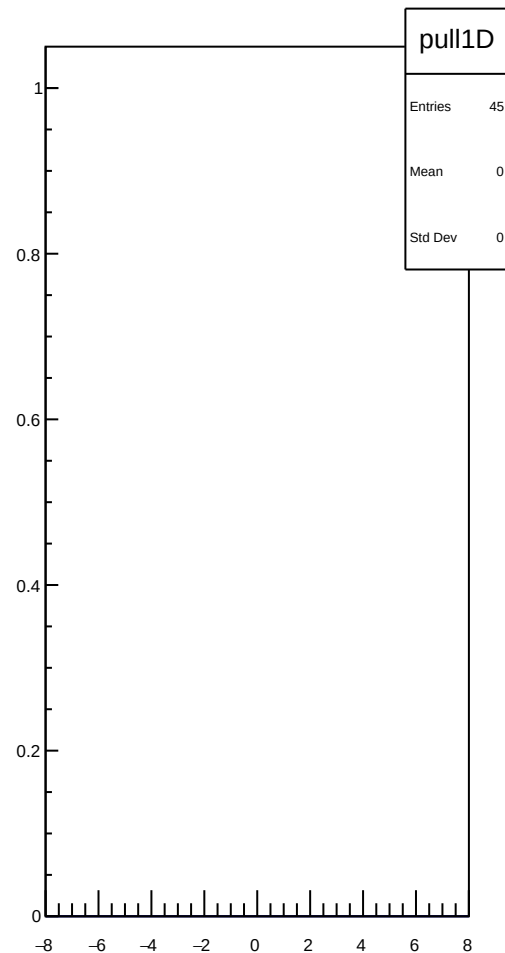
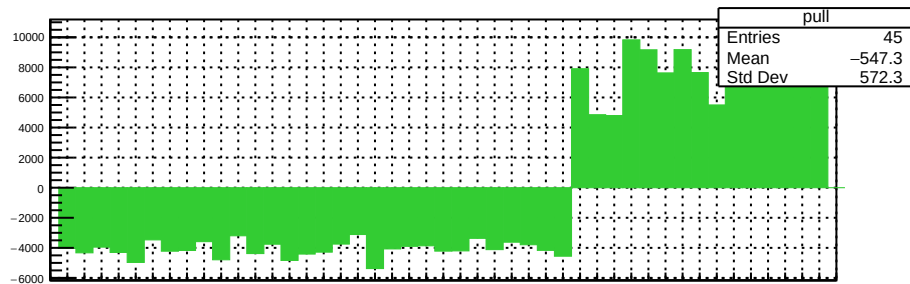
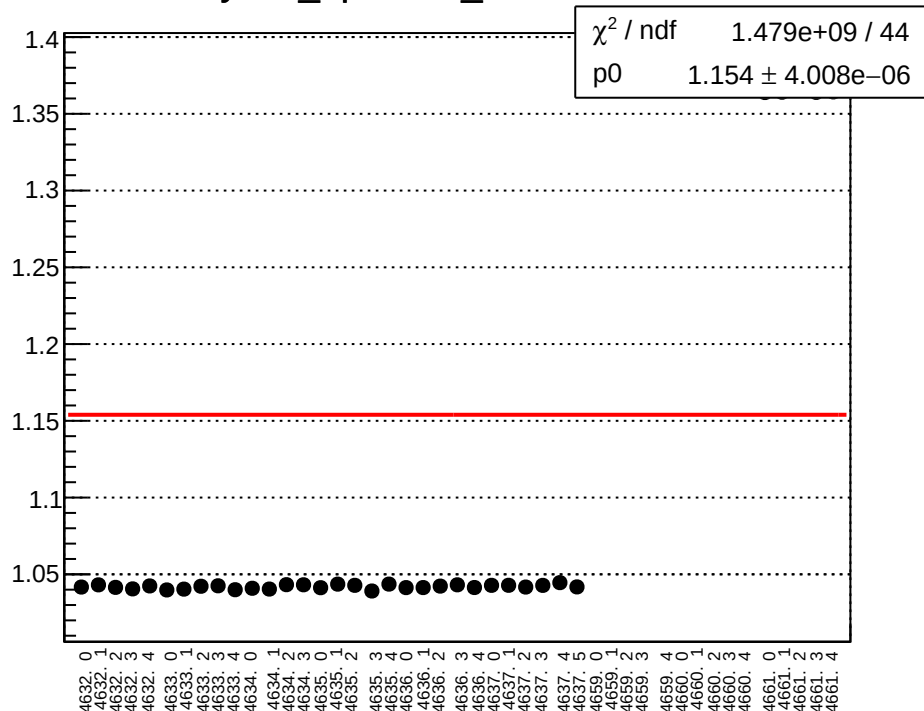
yield_bpm11X_mean vs run



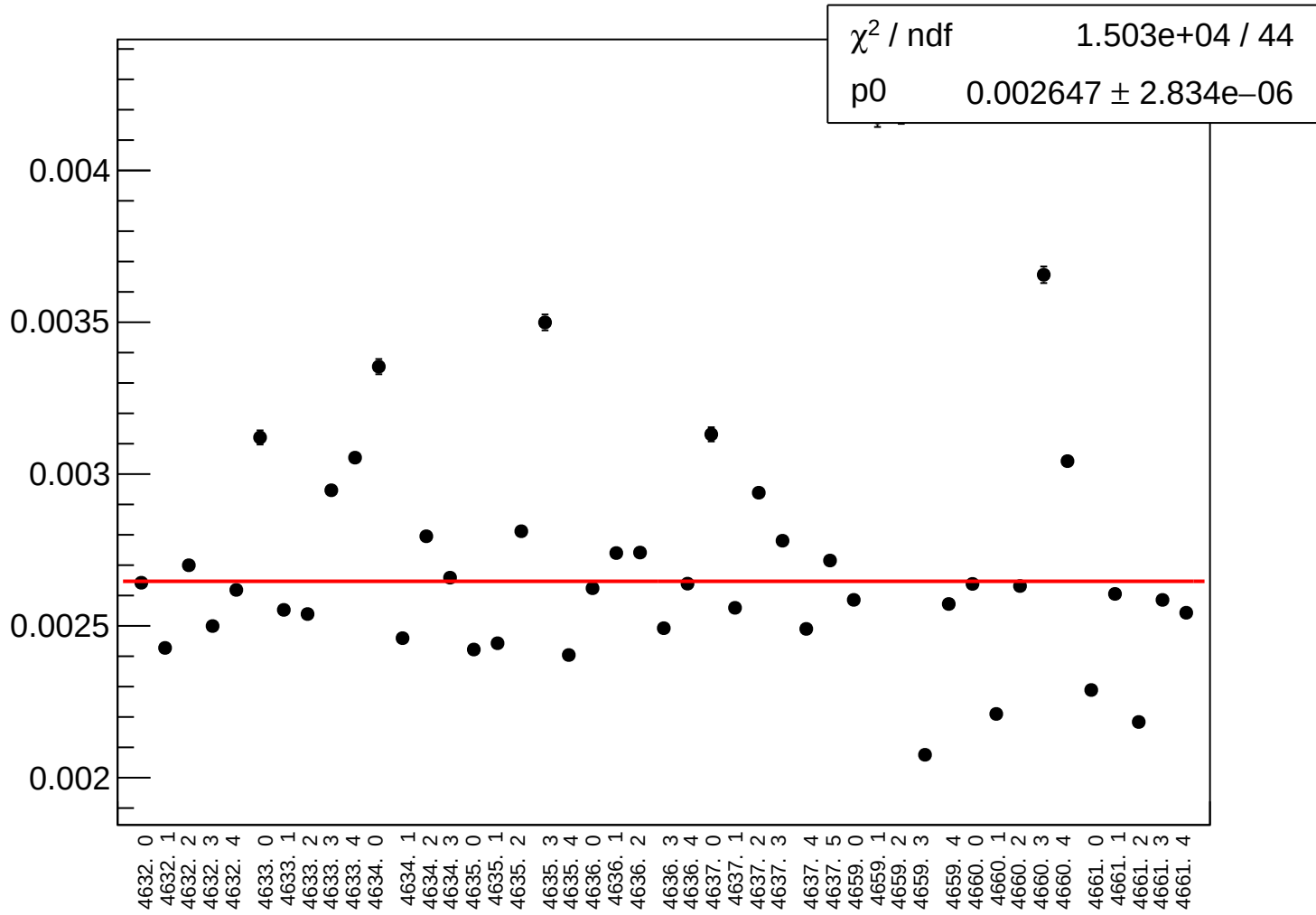
yield_bpm11X_rms vs run



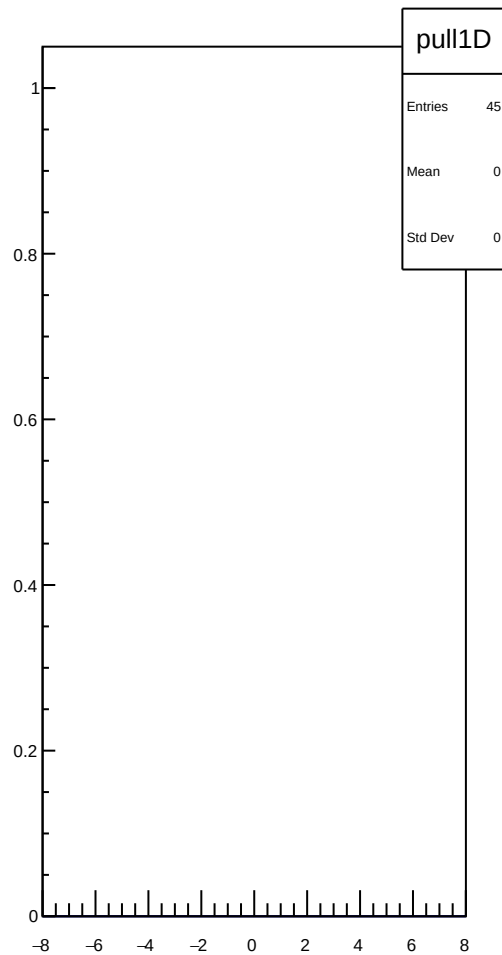
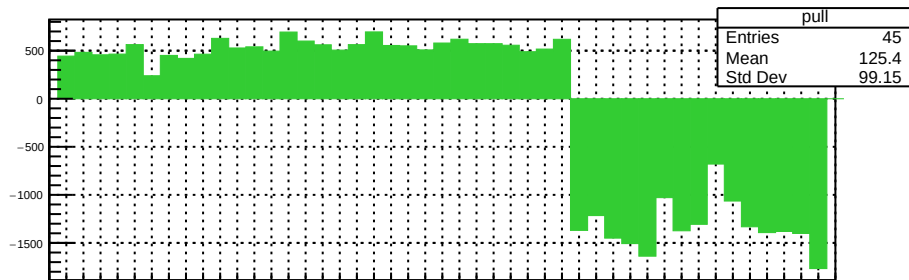
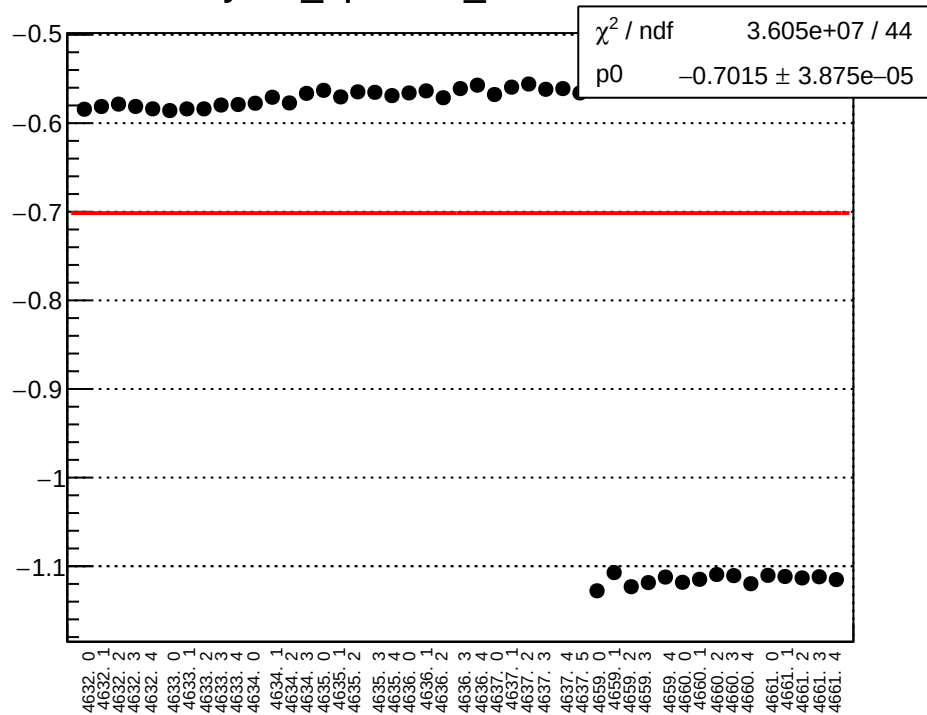
yield_bpm11Y_mean vs run



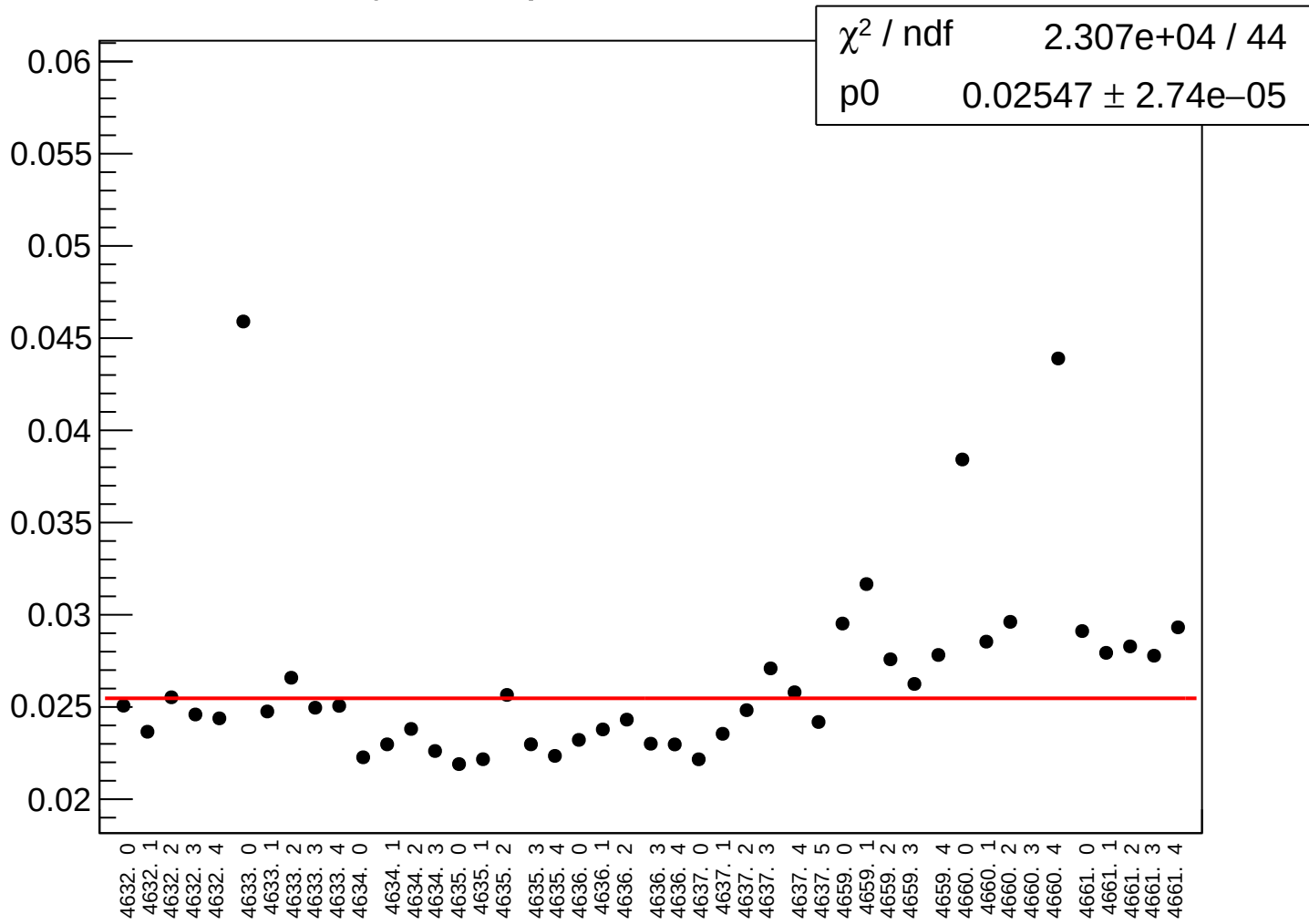
yield_bpm11Y_rms vs run



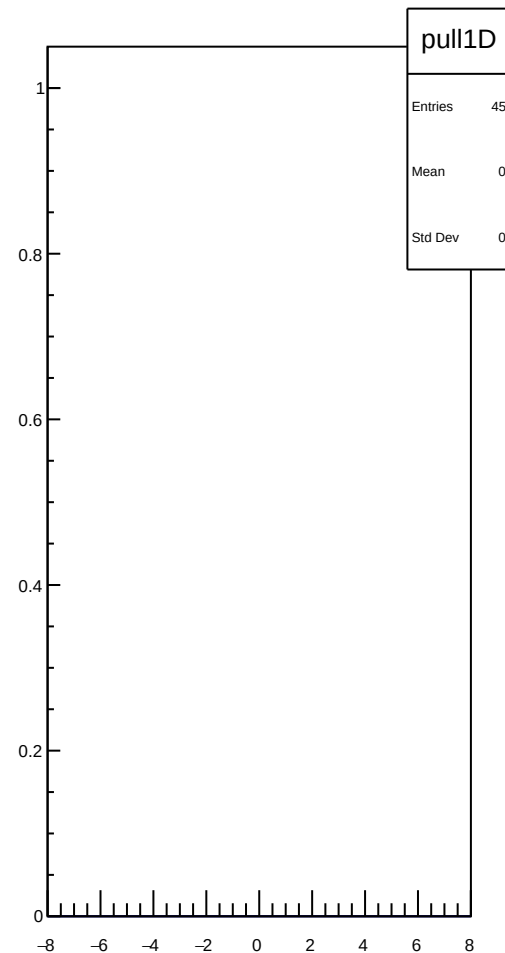
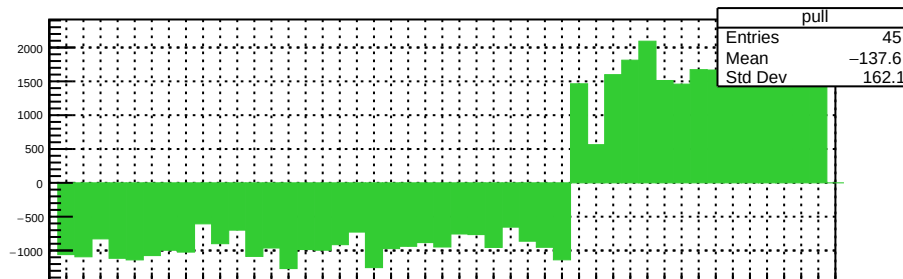
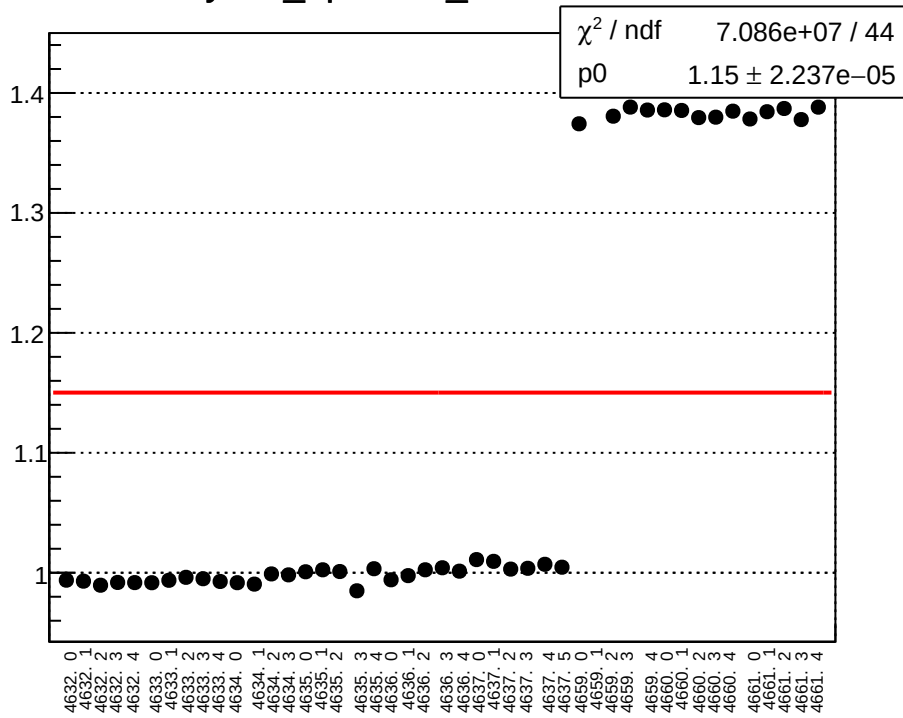
yield_bpm12X_mean vs run



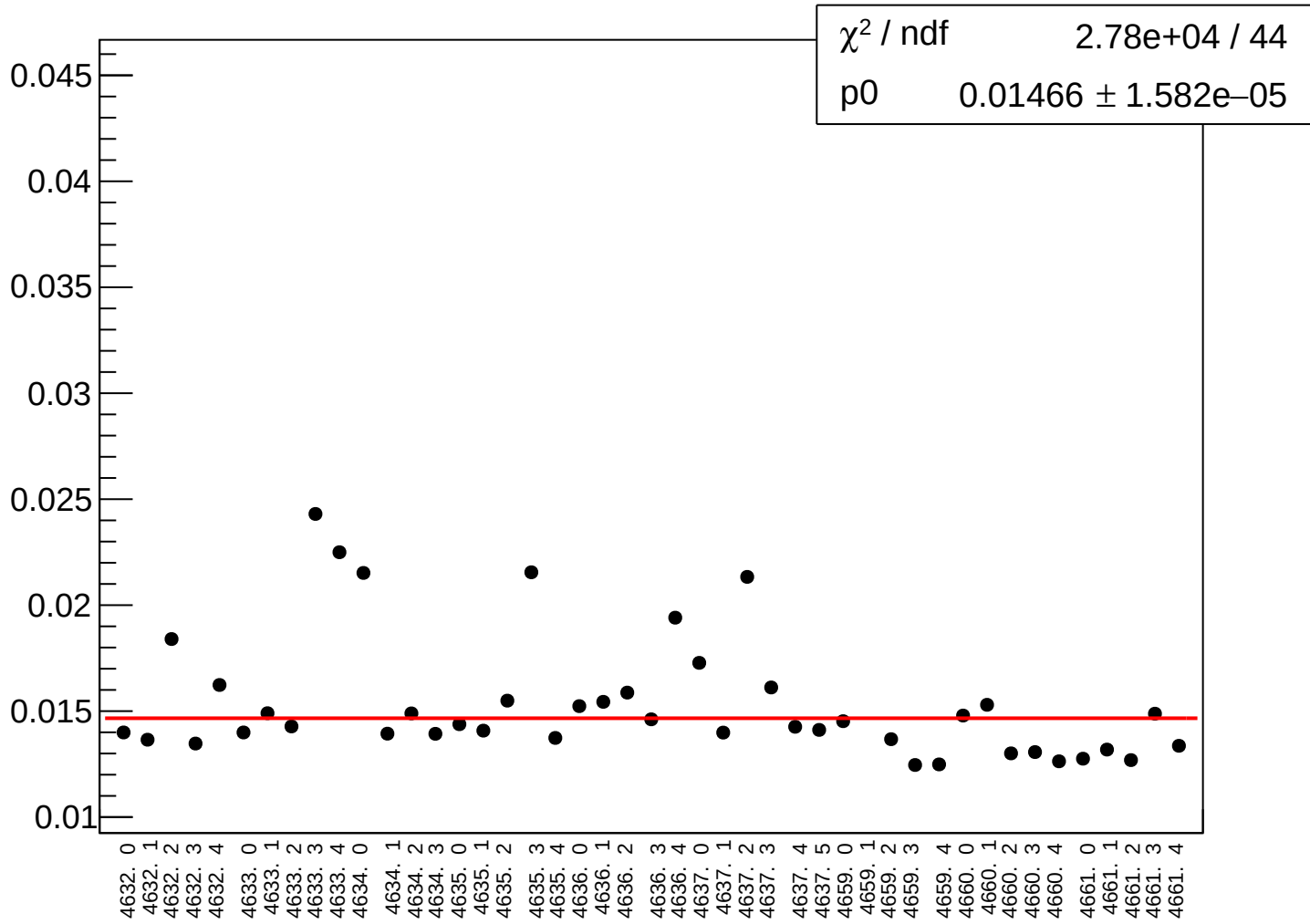
yield_bpm12X_rms vs run



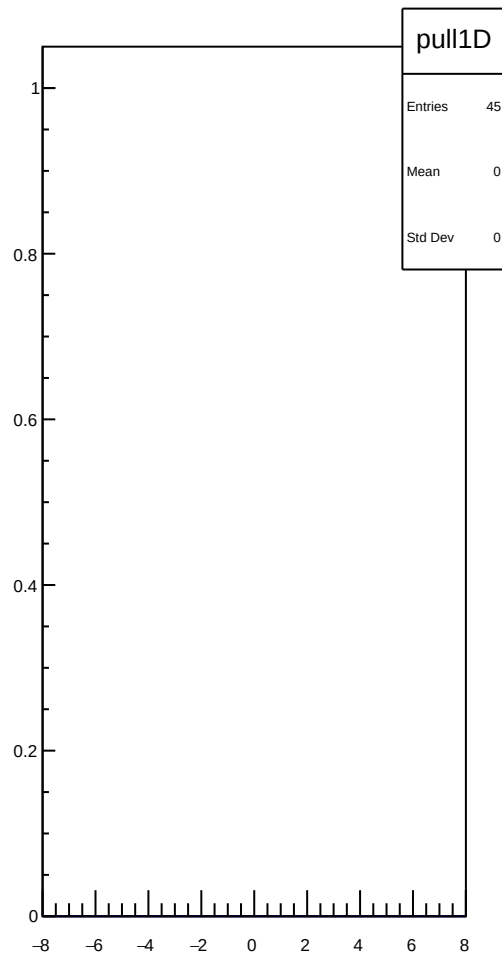
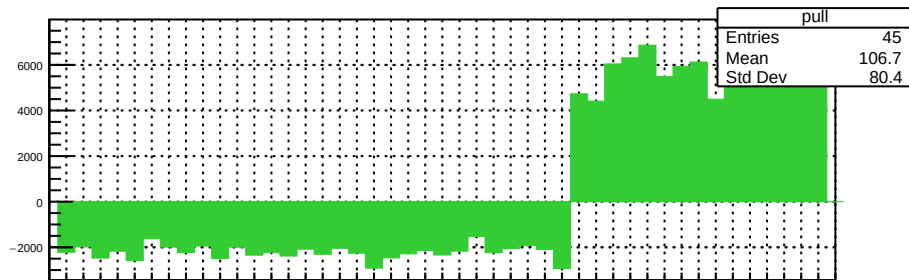
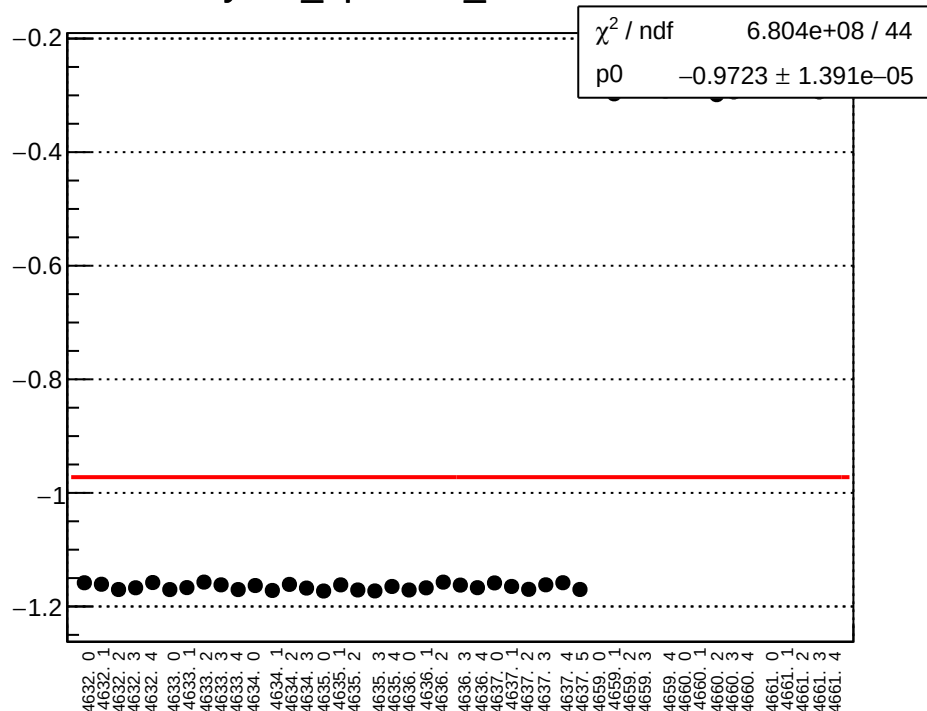
yield_bpm12Y_mean vs run



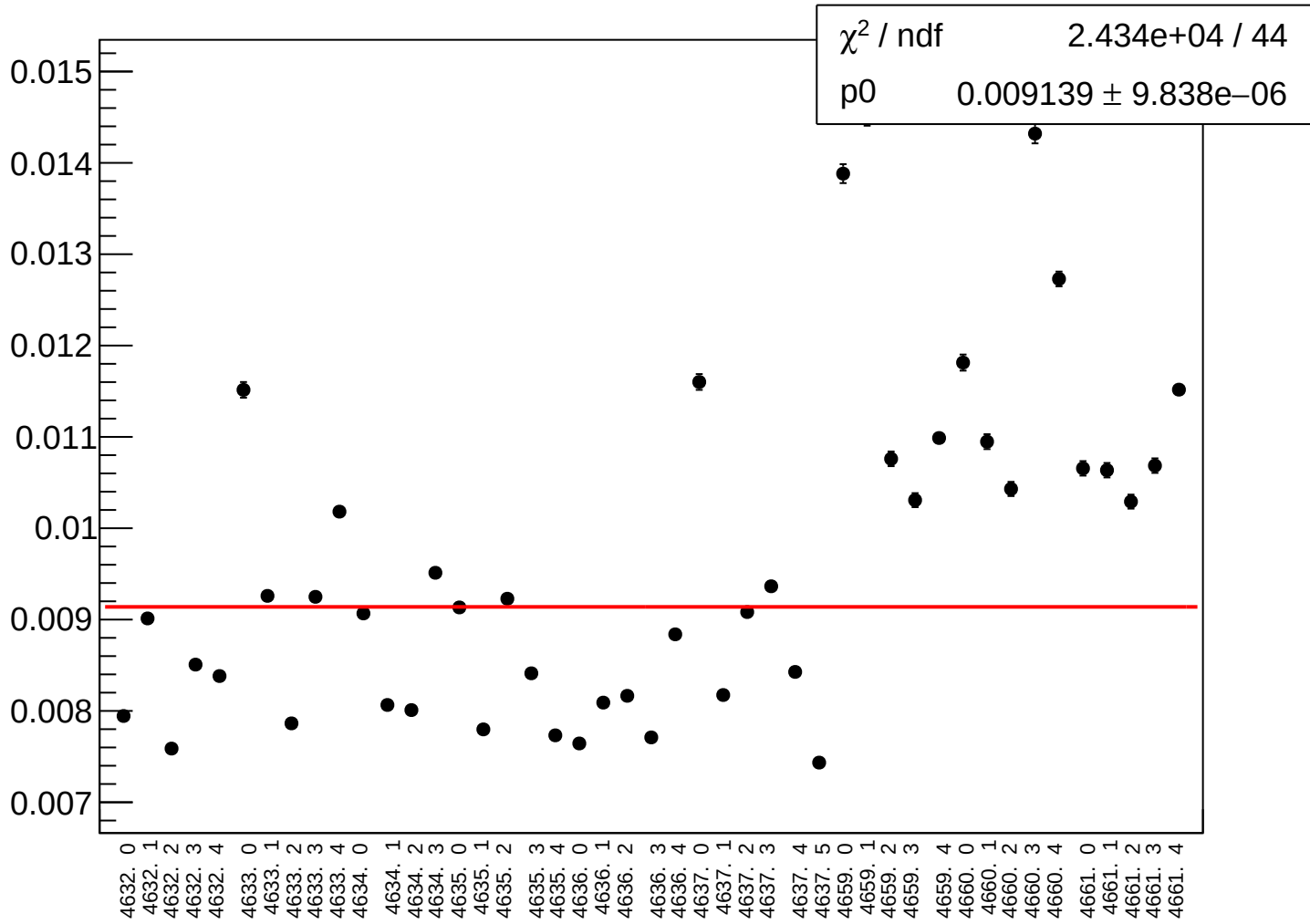
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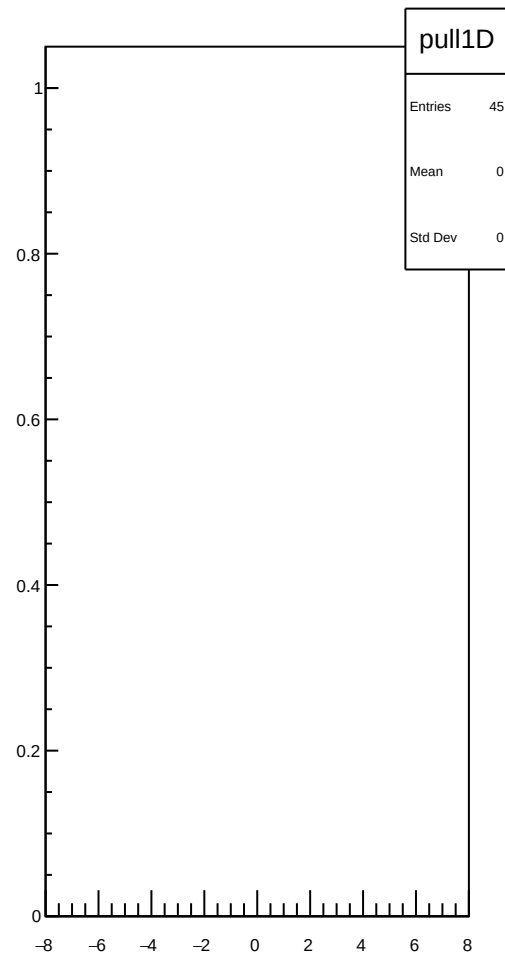
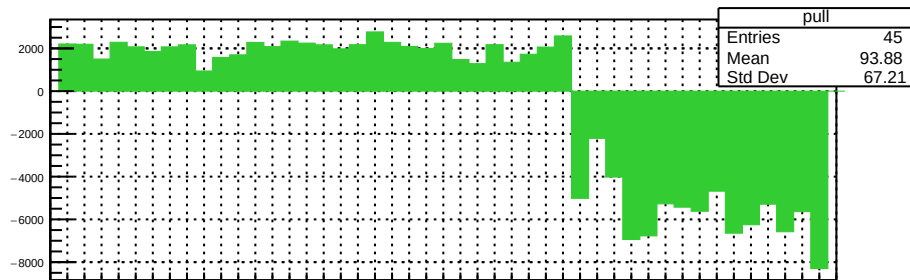
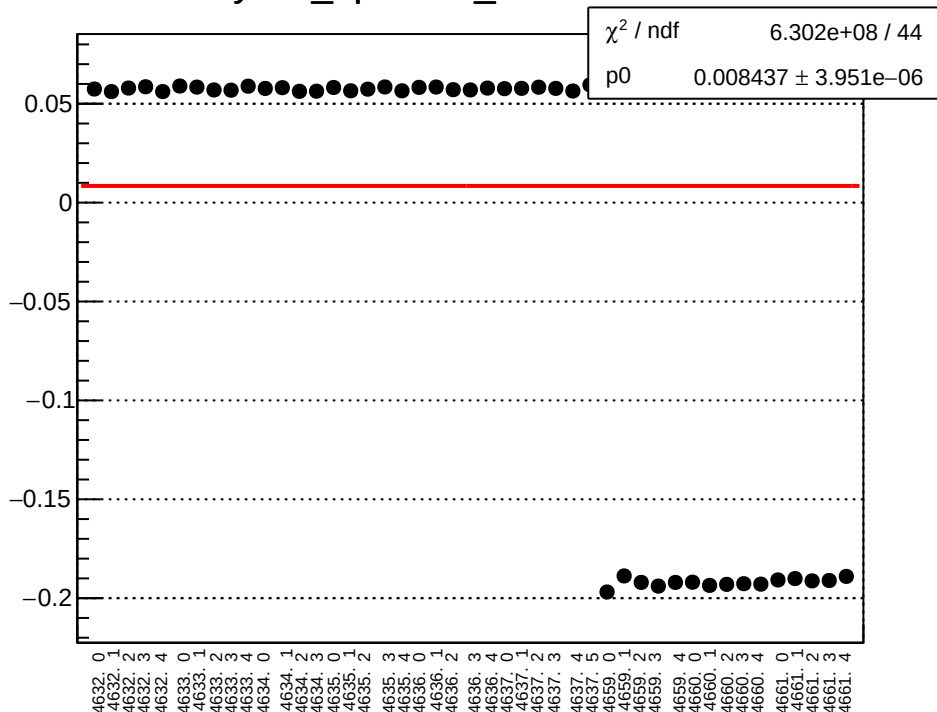
yield_bpm16X_mean vs run



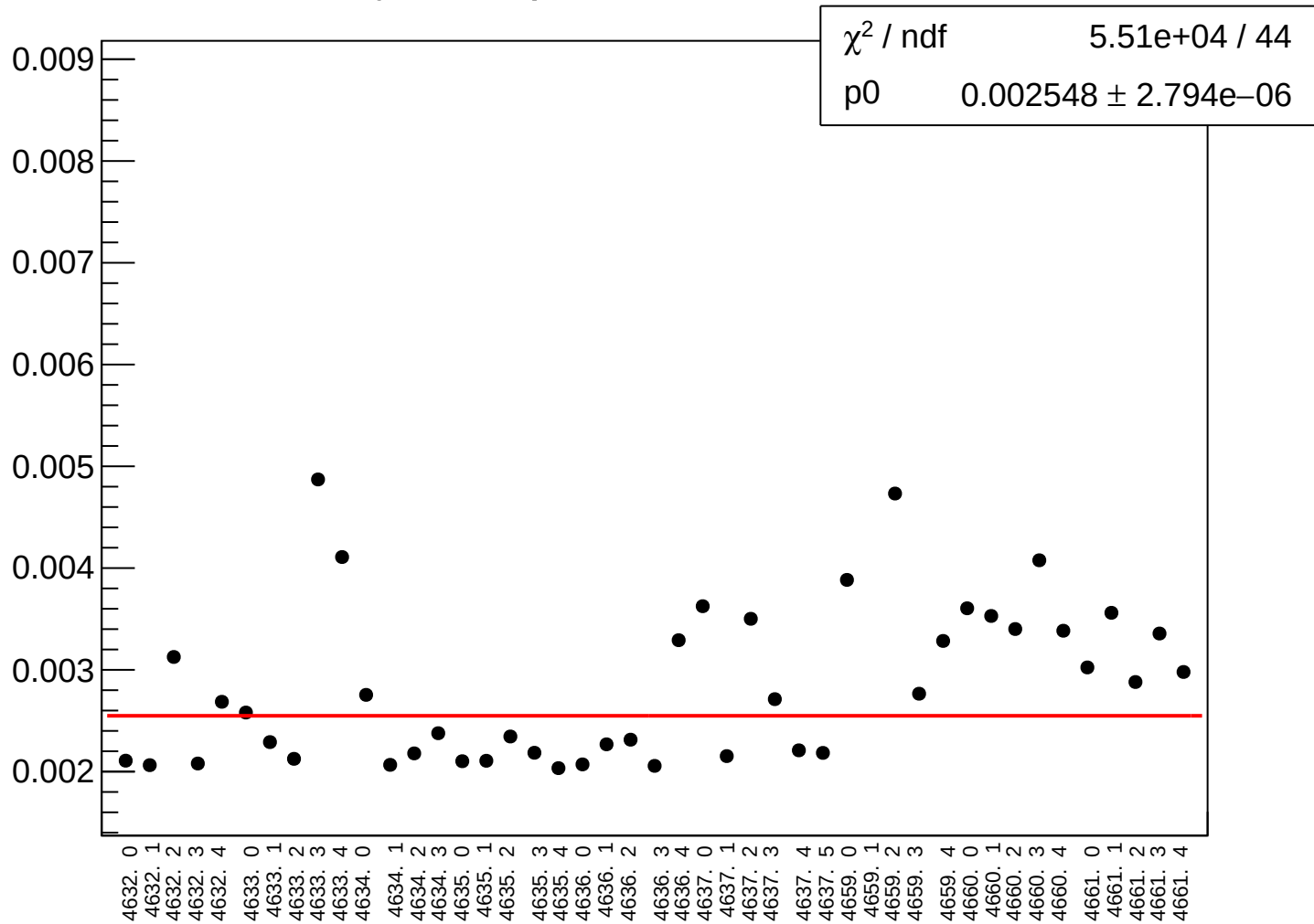
yield_bpm16X_rms vs run



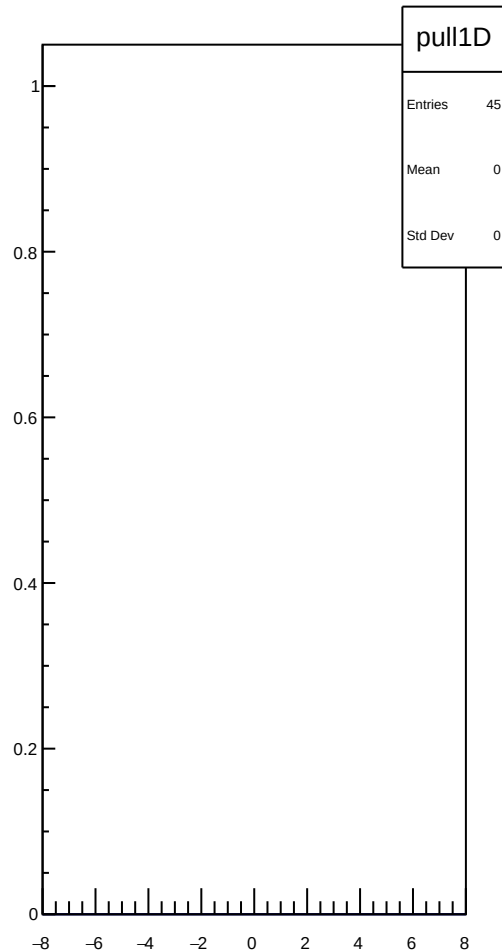
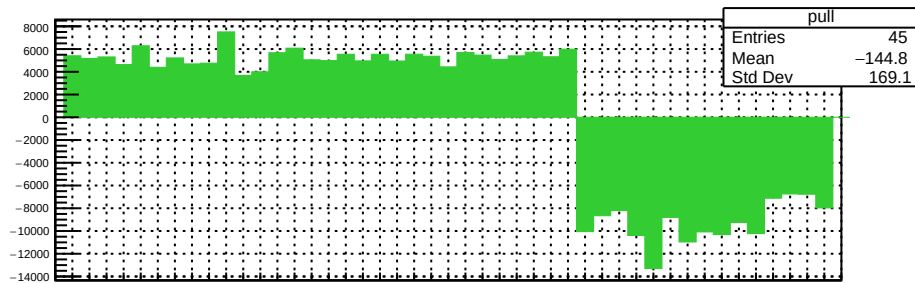
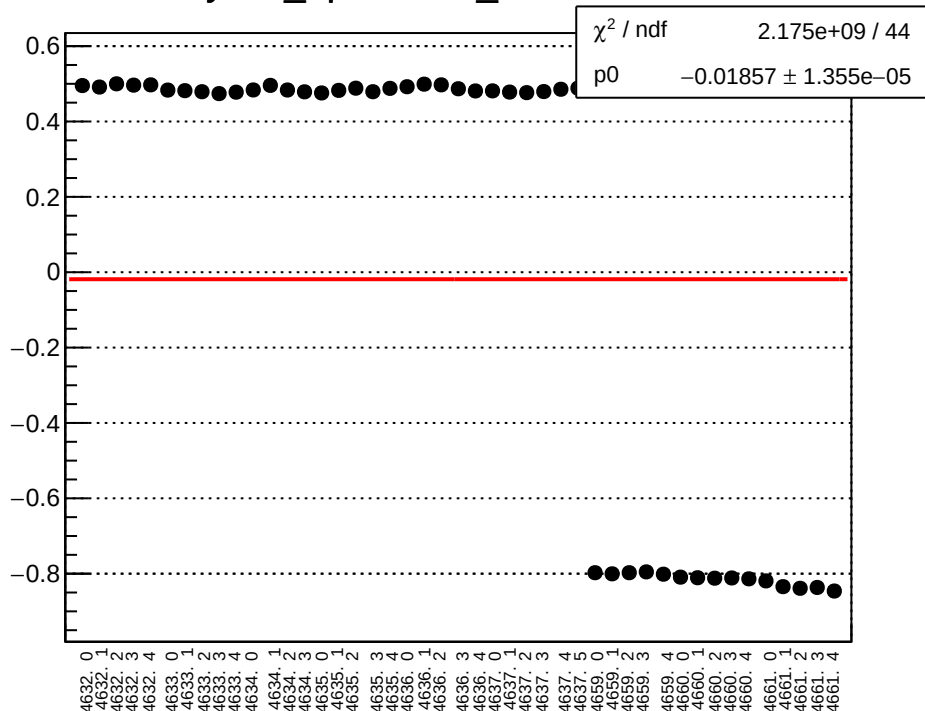
yield_bpm16Y_mean vs run



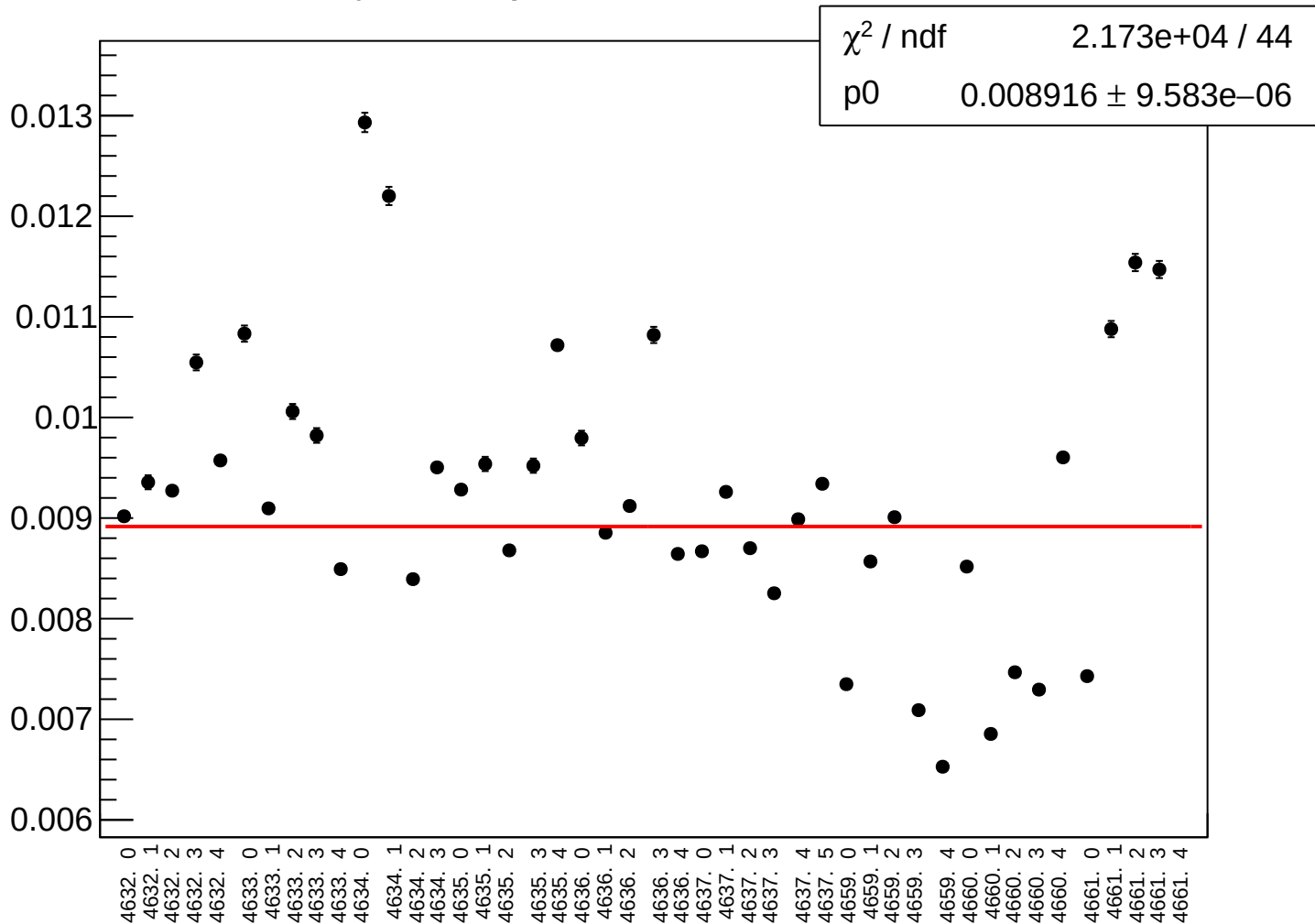
yield_bpm16Y_rms vs run



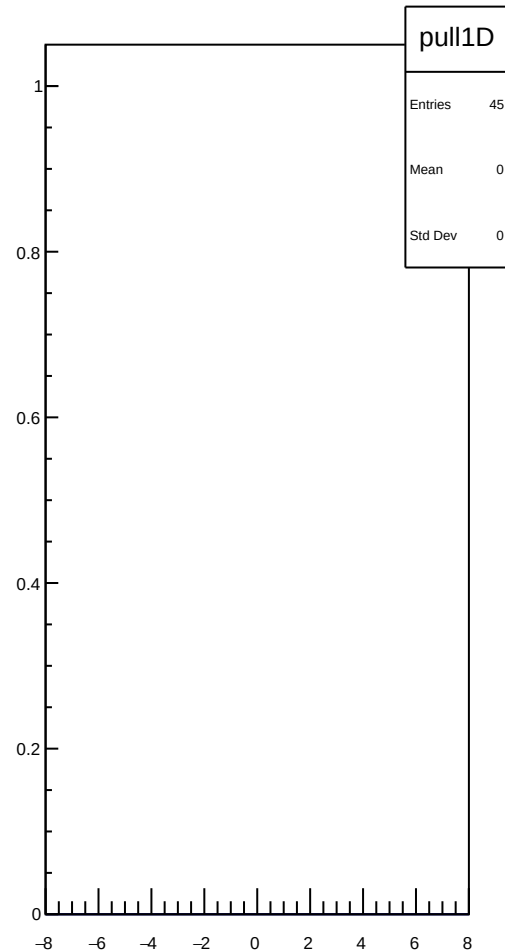
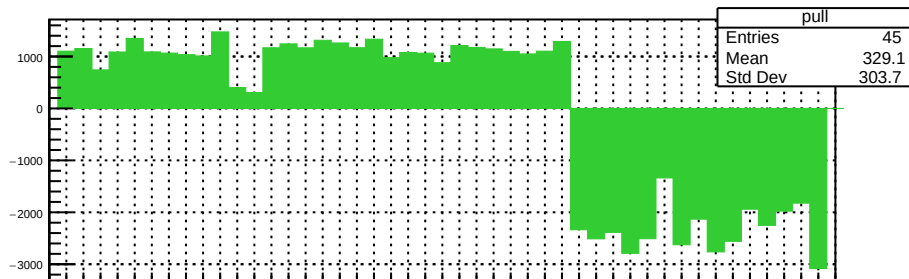
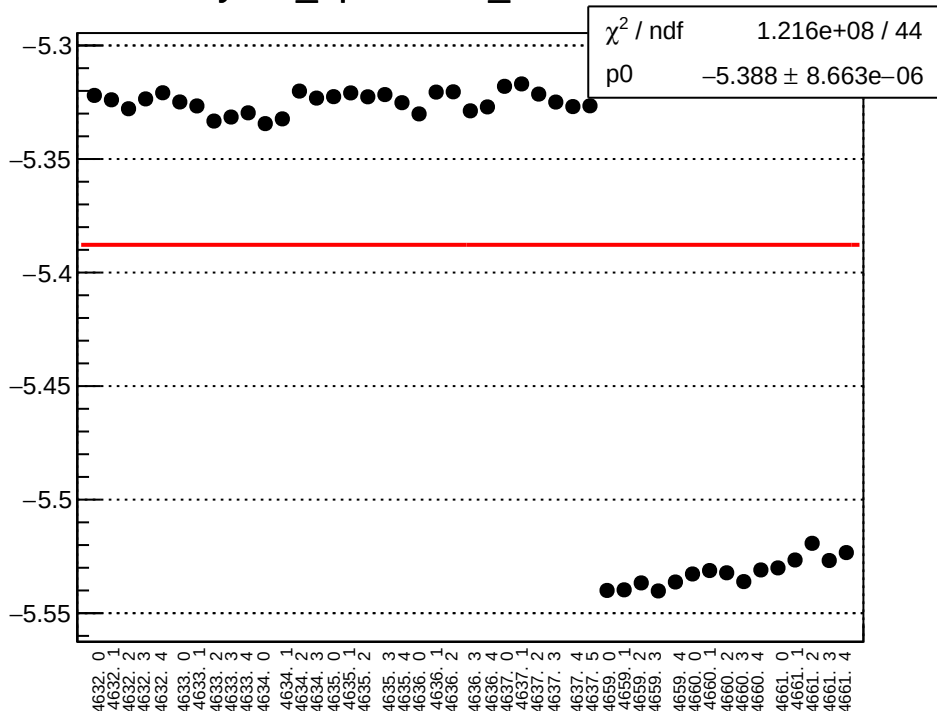
yield_bpm0l01X_mean vs run



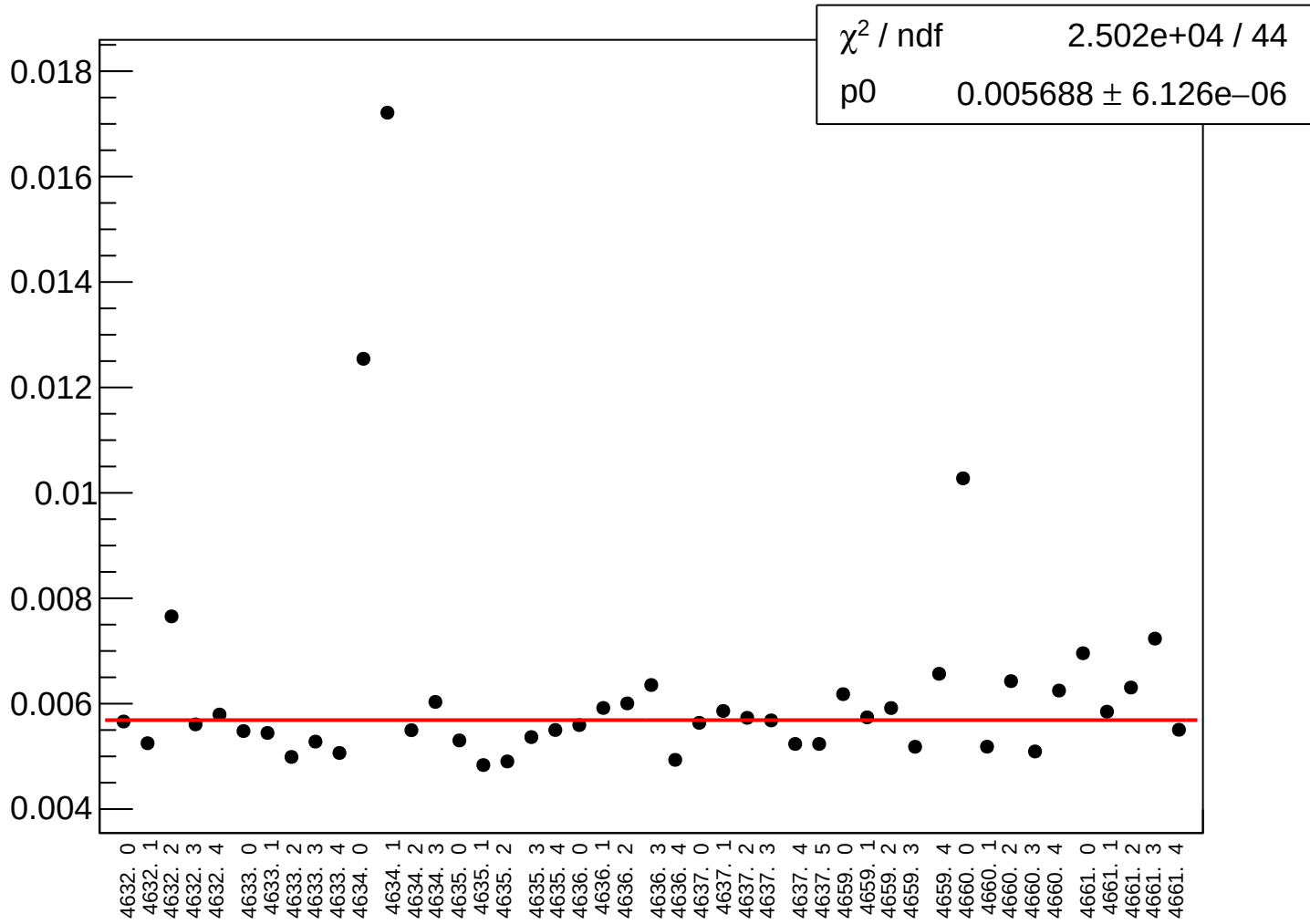
yield_bpm0l01X_rms vs run



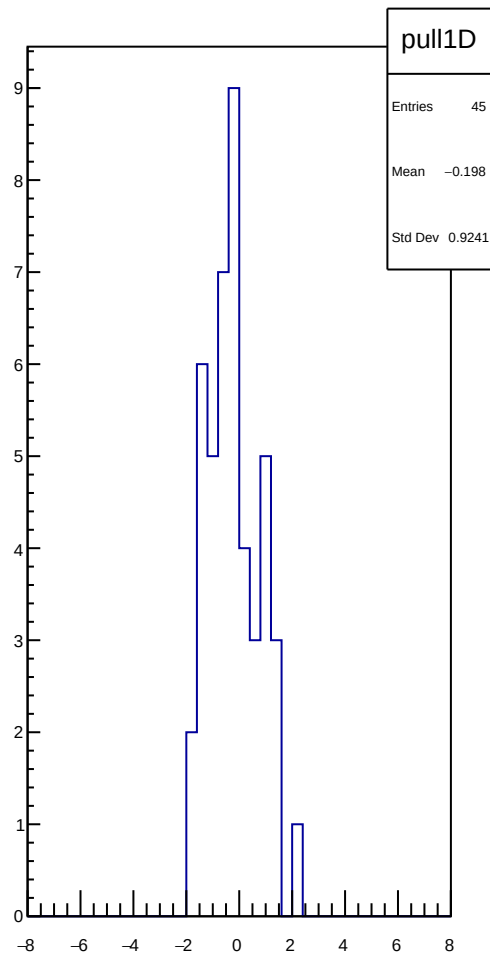
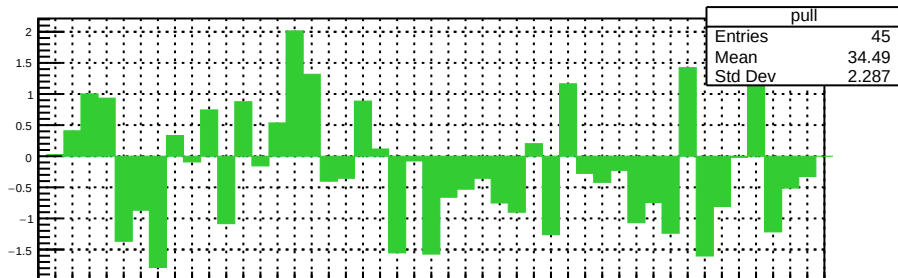
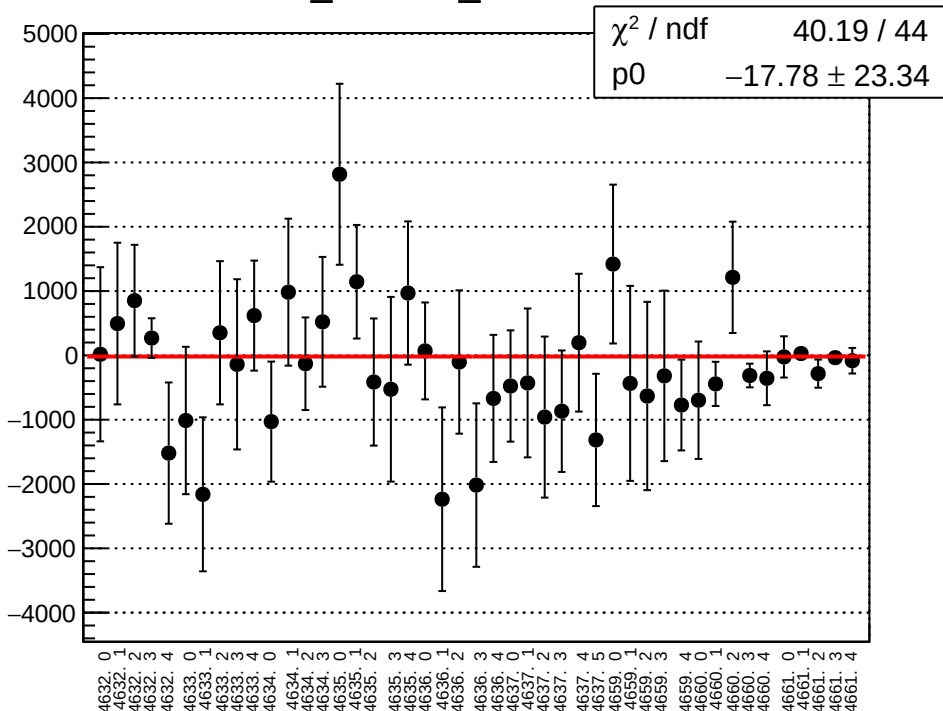
yield_bpm0l01Y_mean vs run



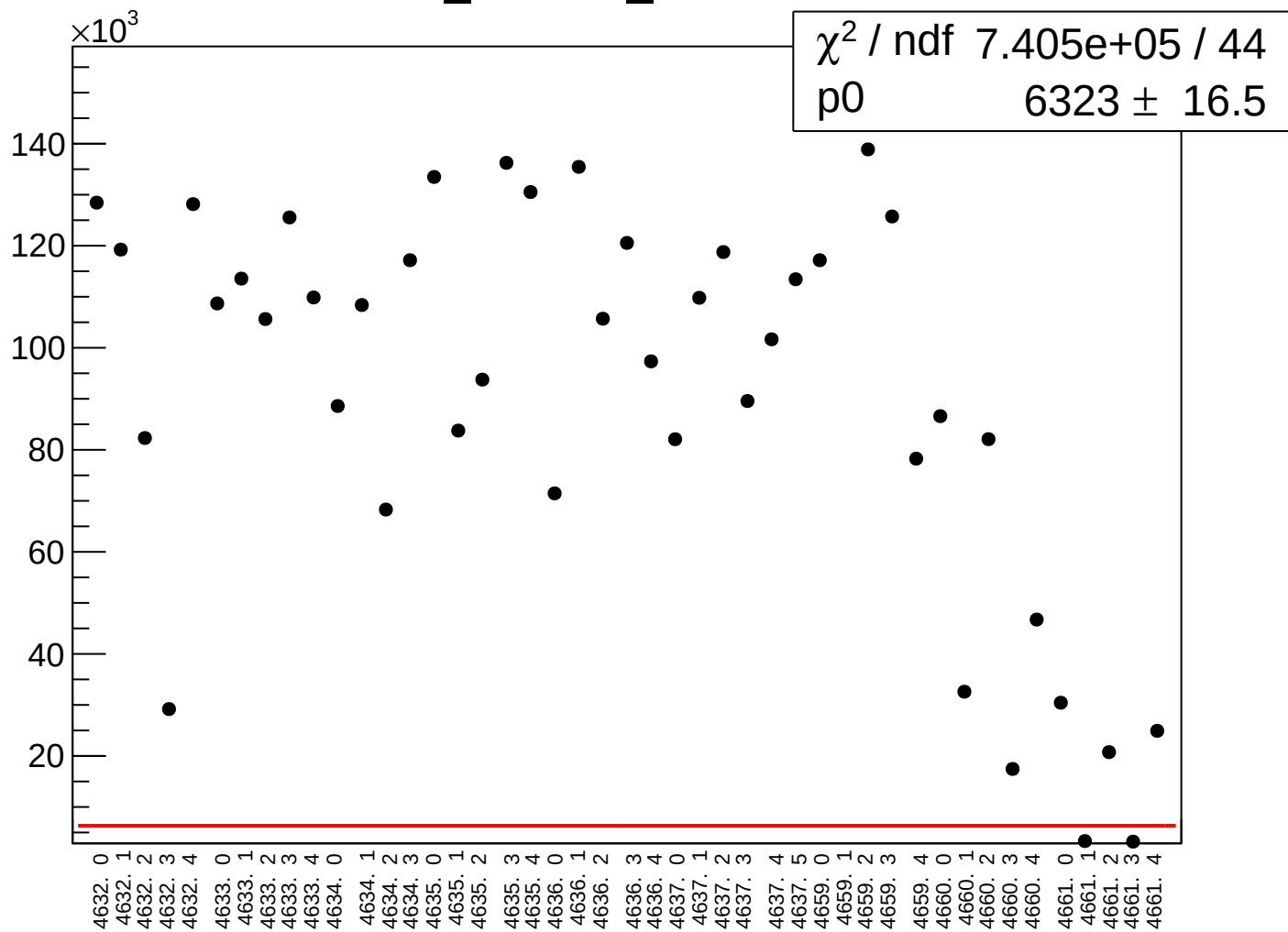
yield_bpm0l01Y_rms vs run



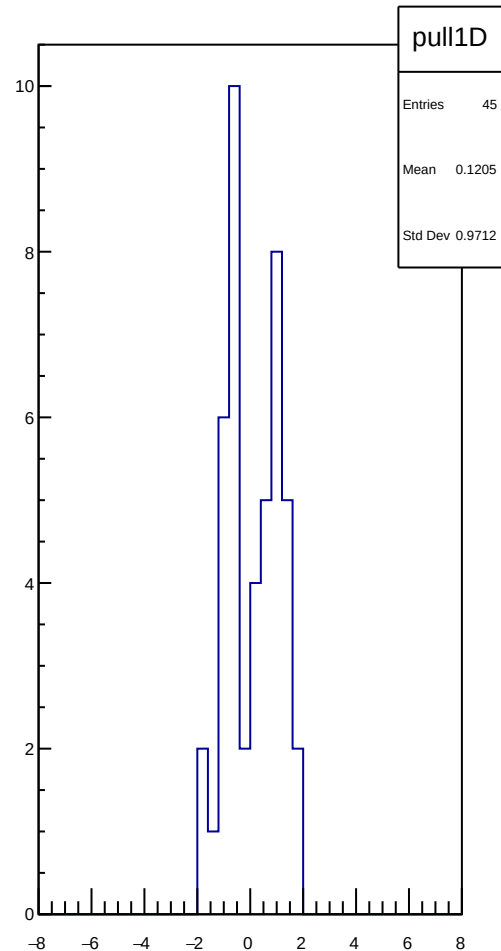
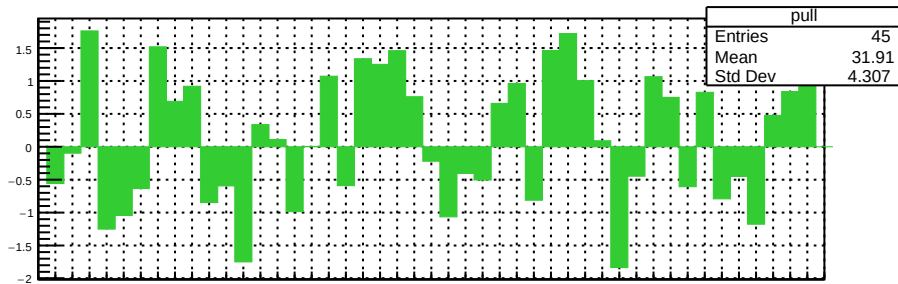
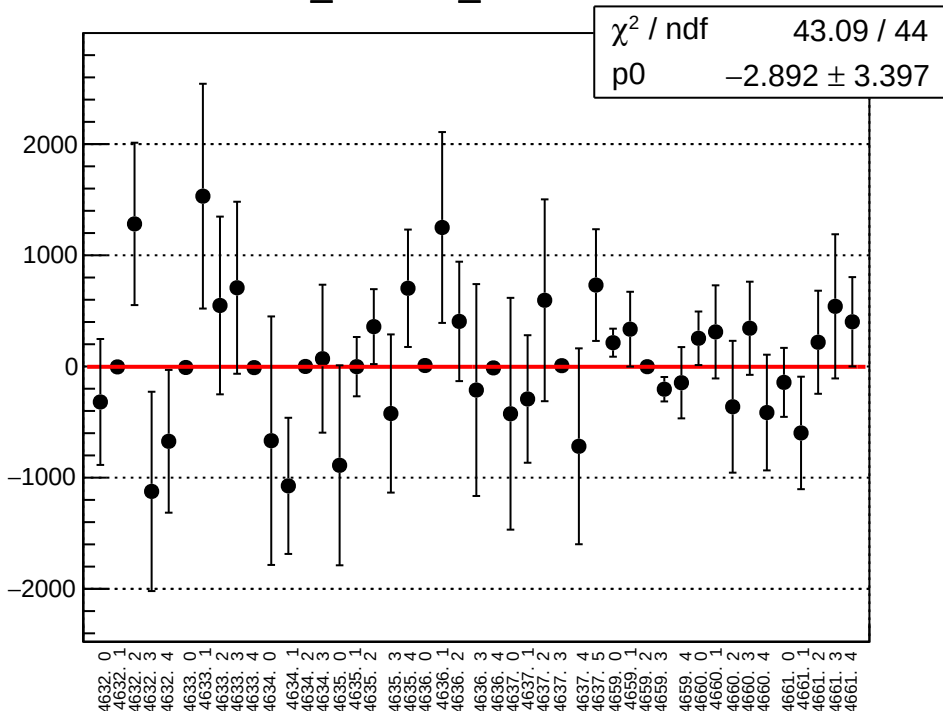
diff_cav4bX_mean vs run



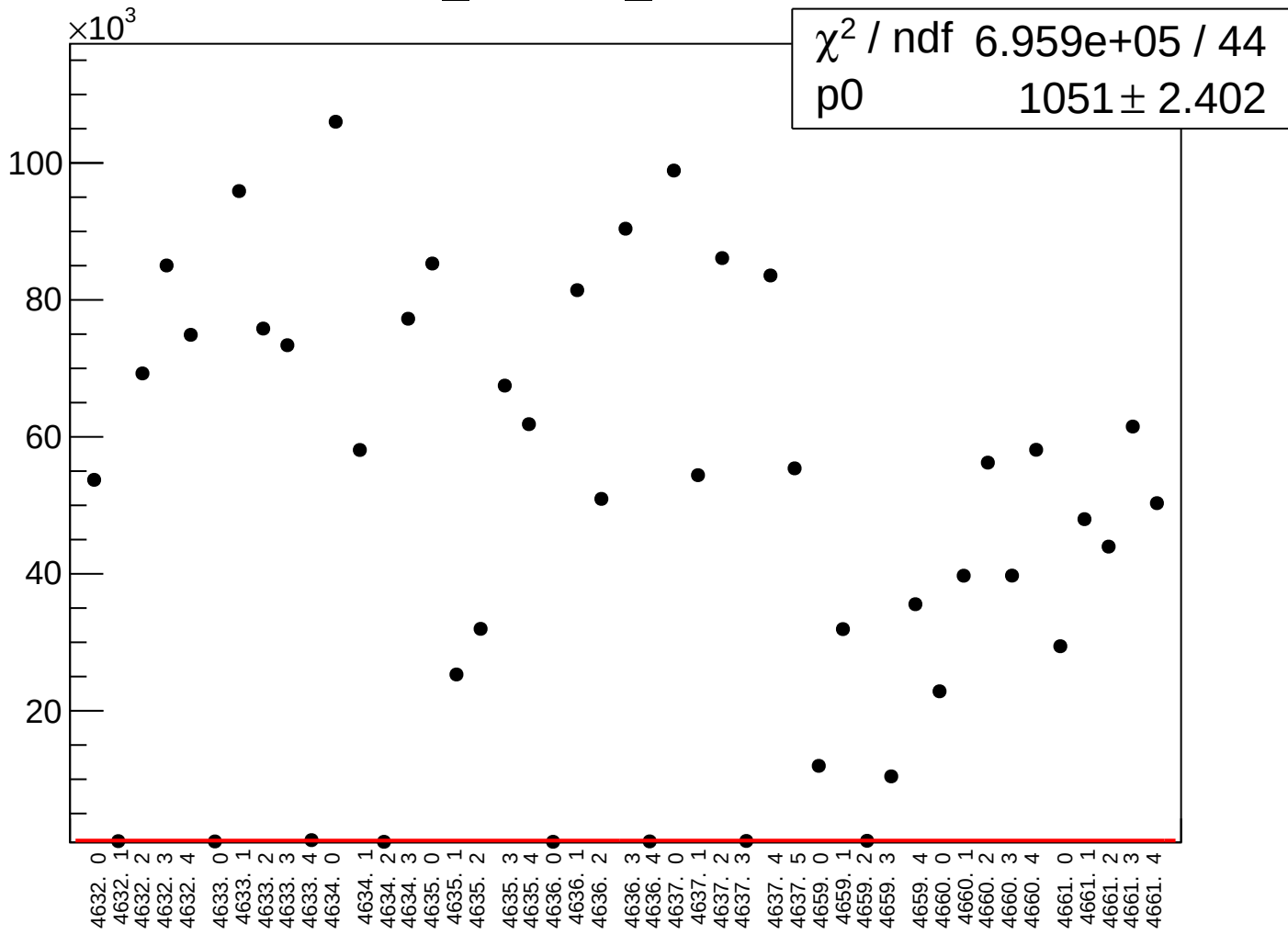
diff_cav4bX_rms vs run



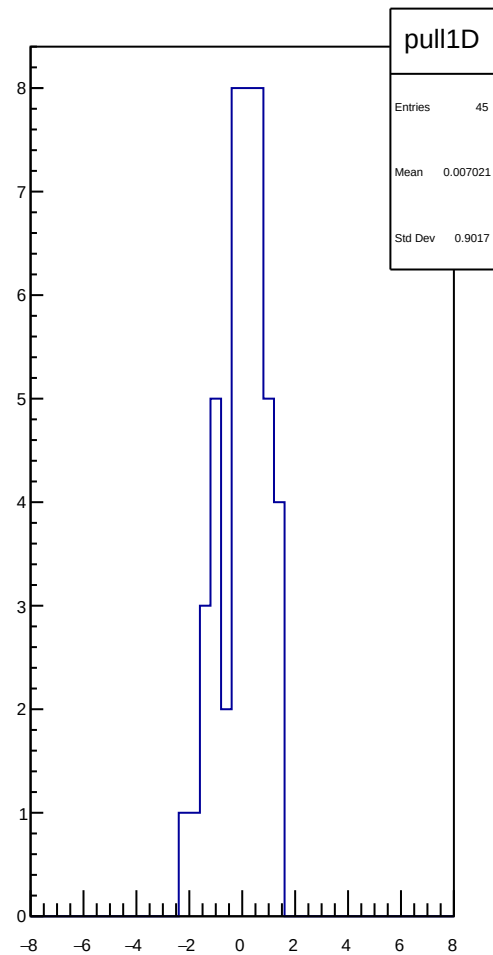
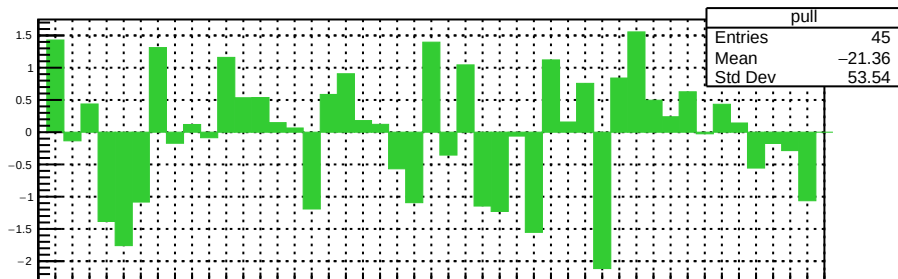
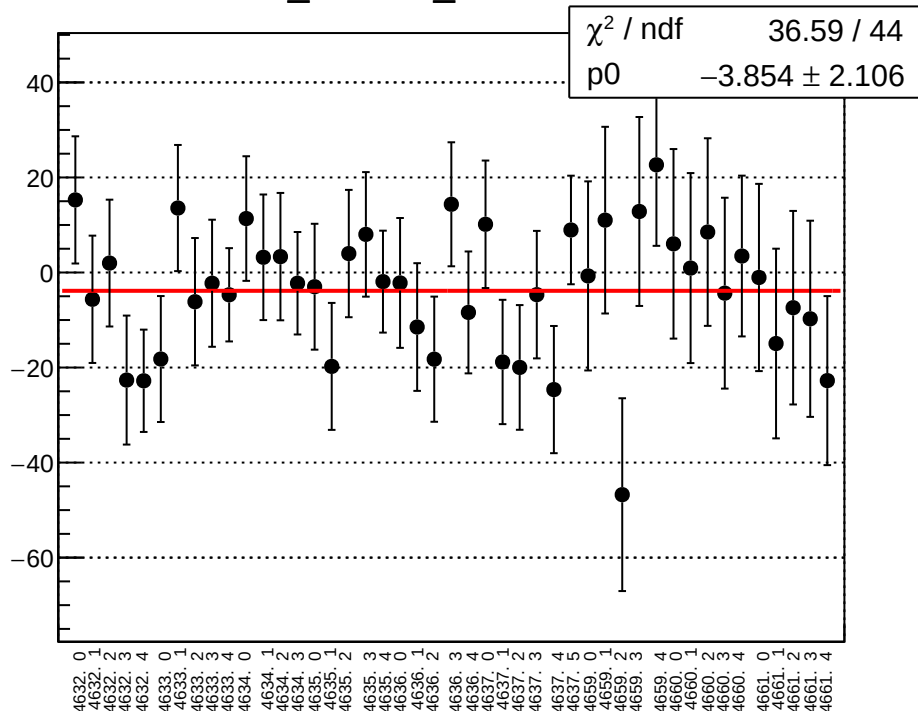
diff_cav4bY_mean vs run



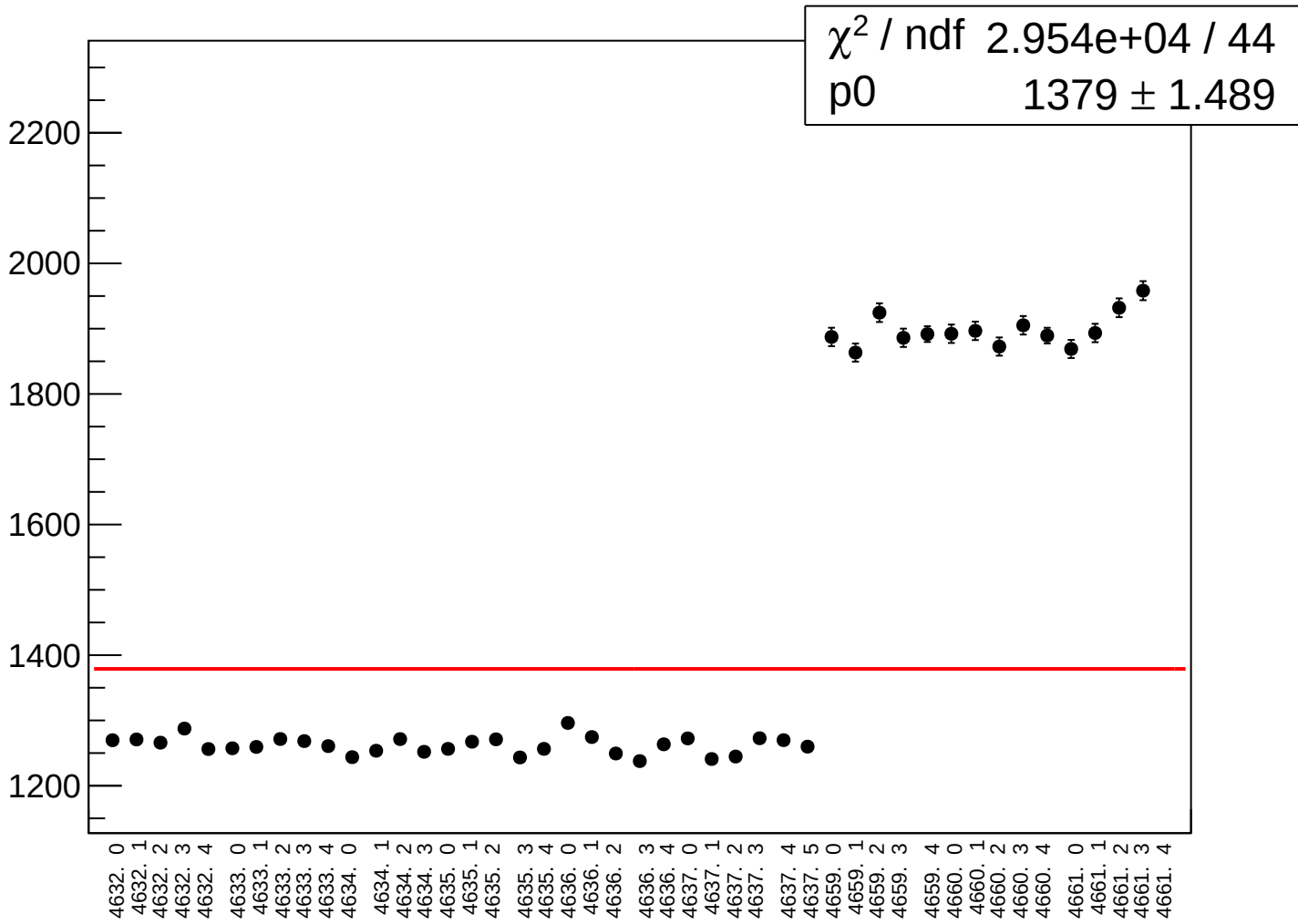
diff_cav4bY_rms vs run



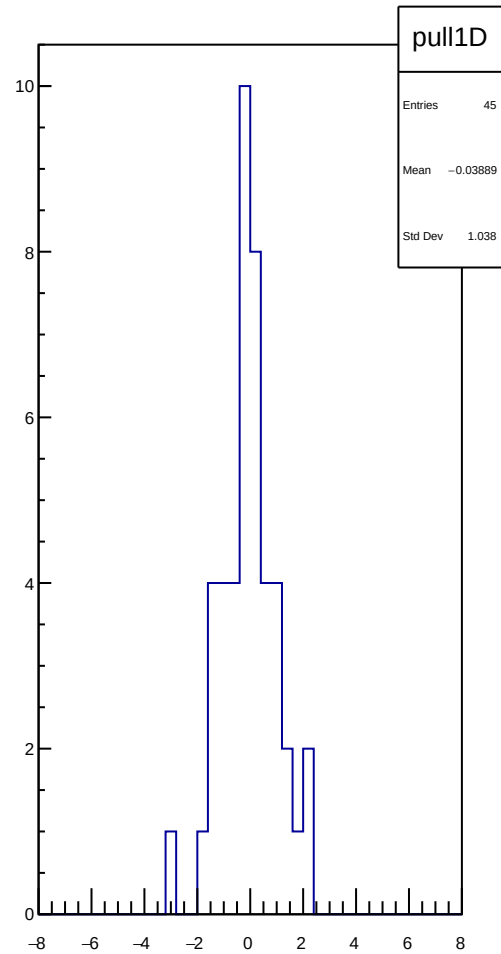
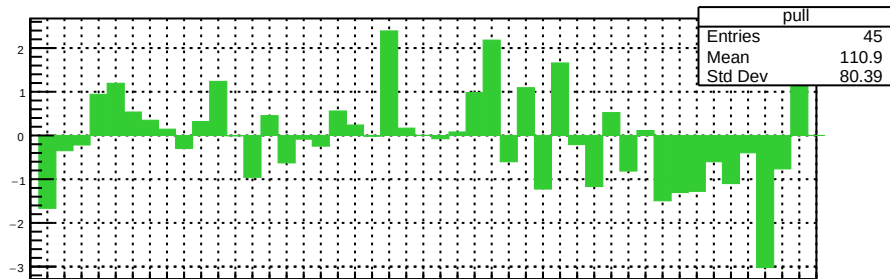
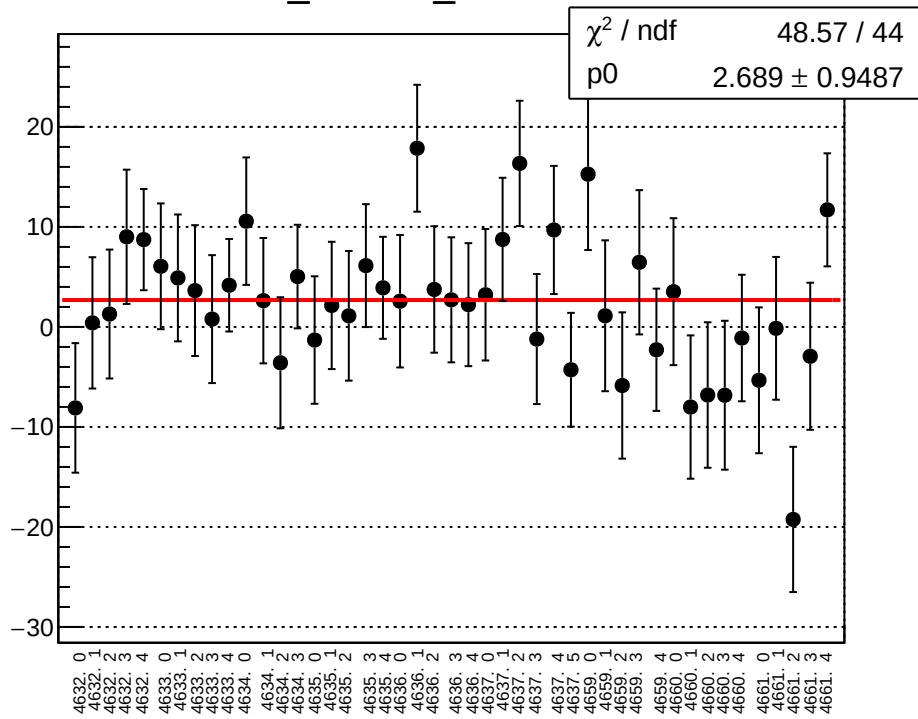
diff_cav4cX_mean vs run



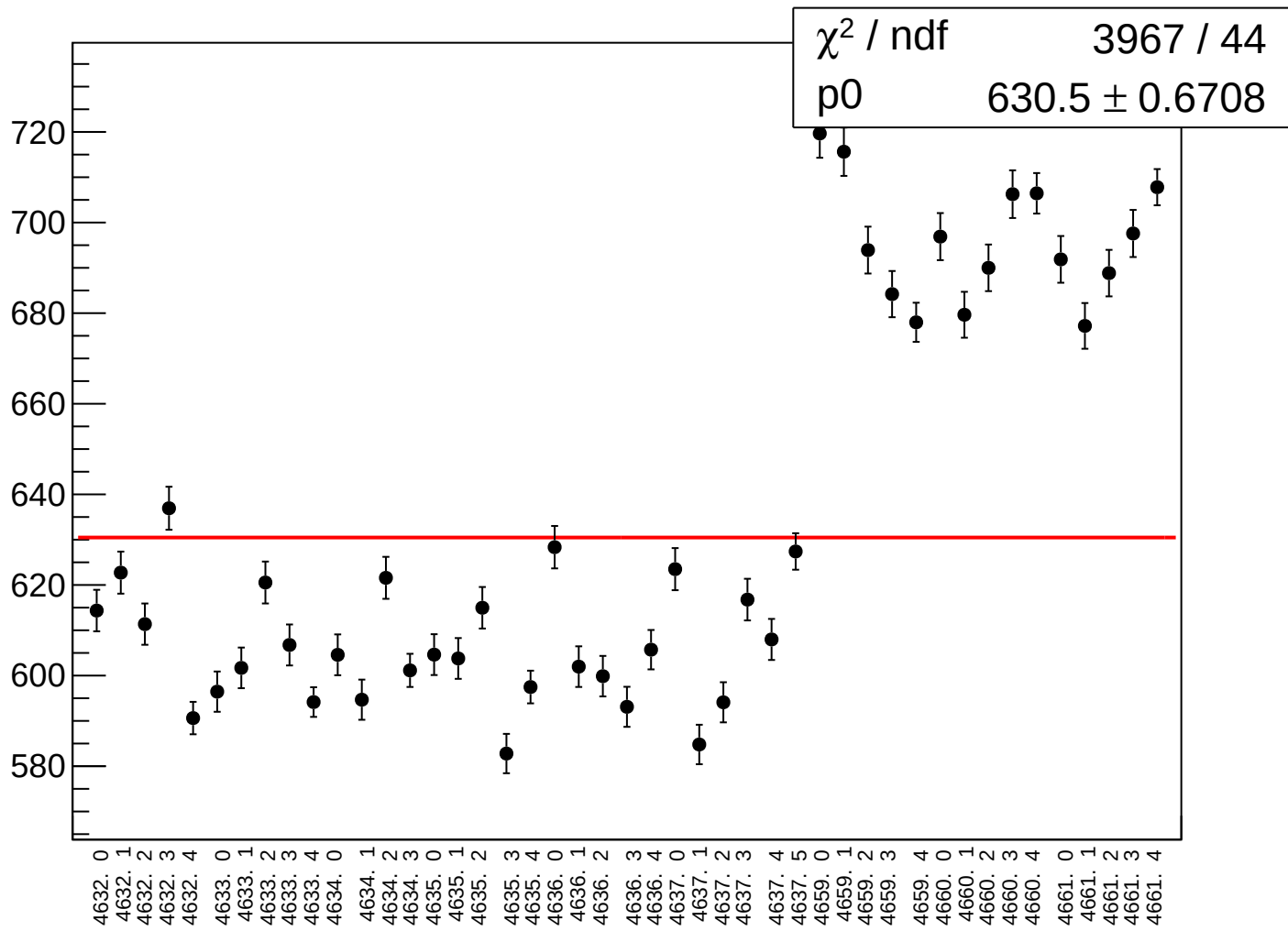
diff_cav4cX_rms vs run



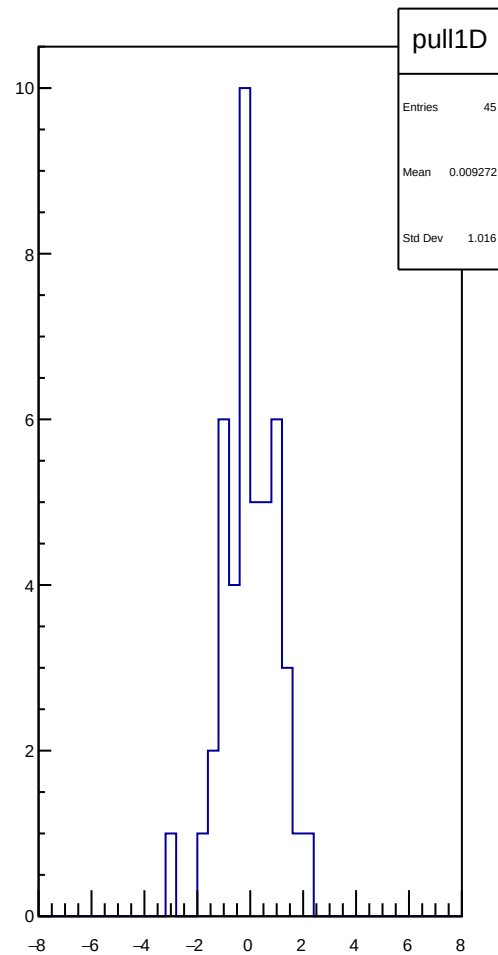
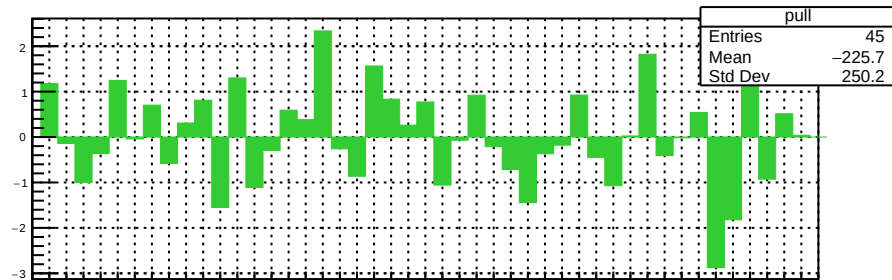
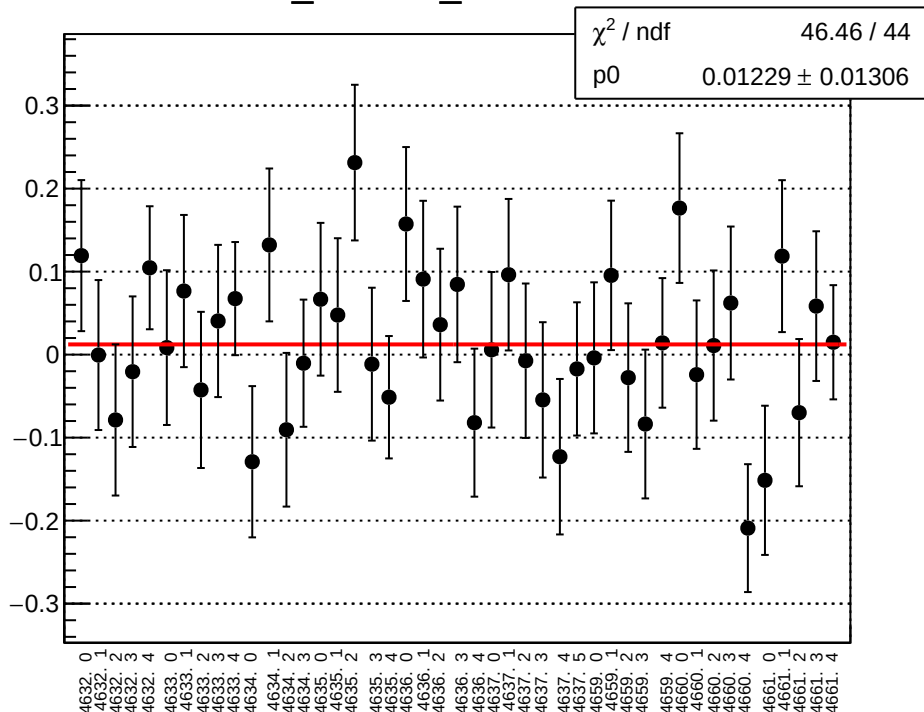
diff_cav4cY_mean vs run



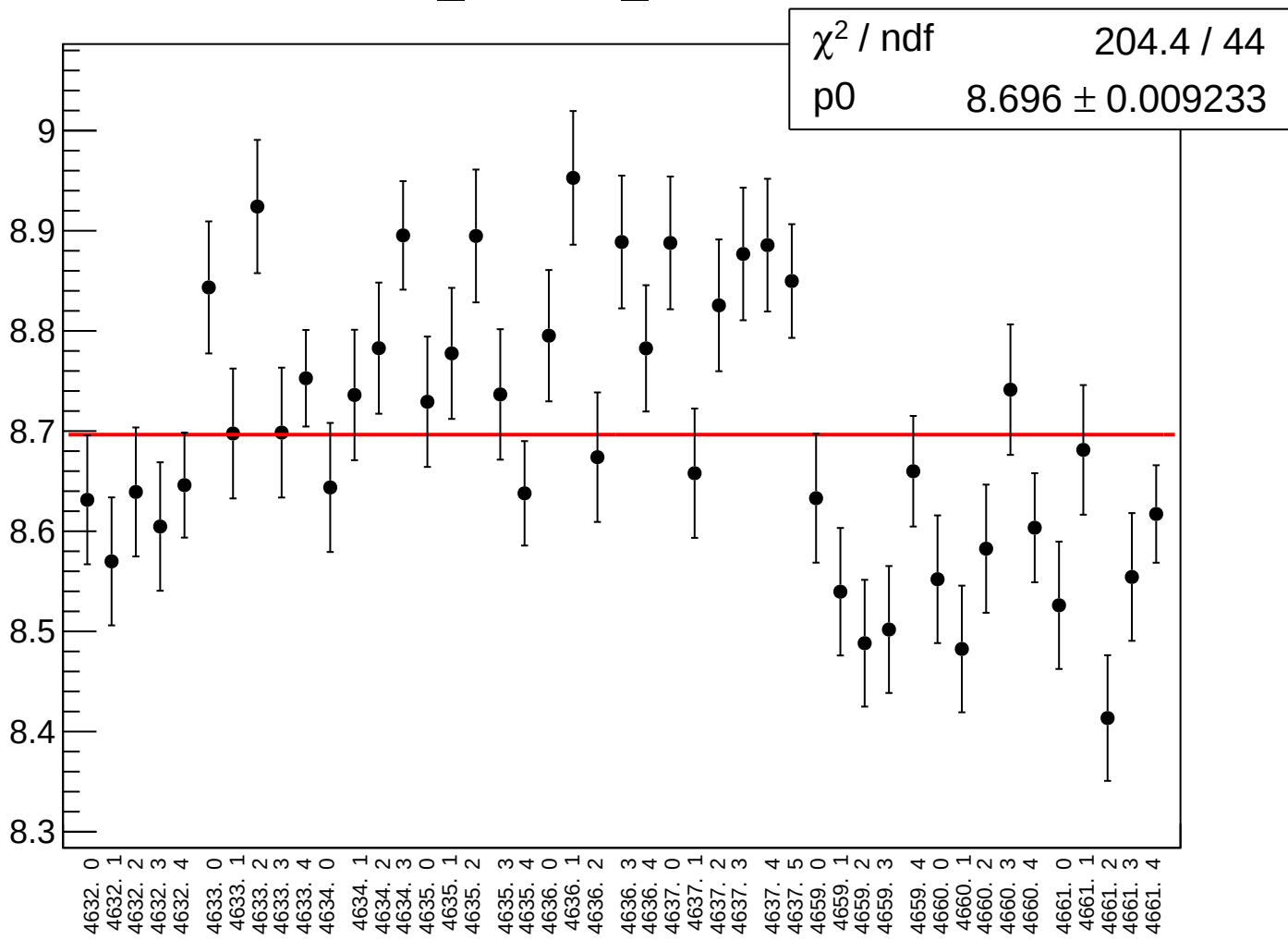
diff_cav4cY_rms vs run



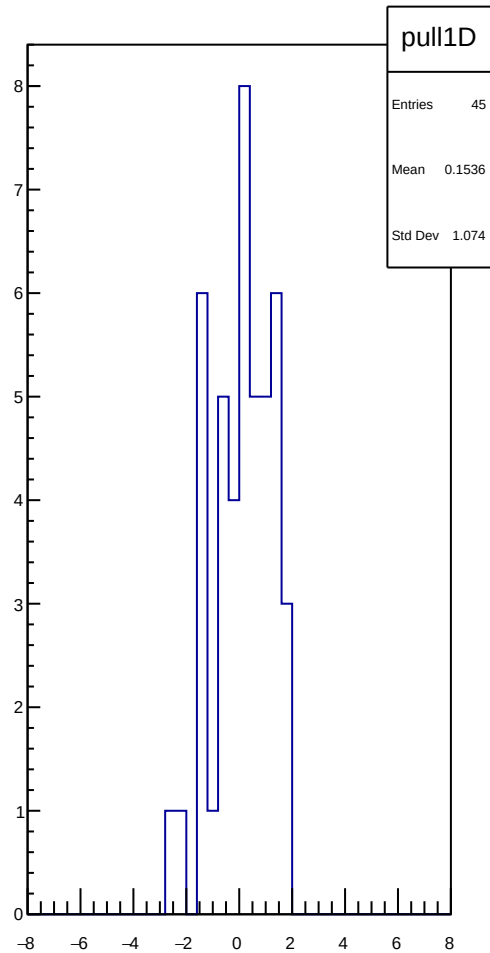
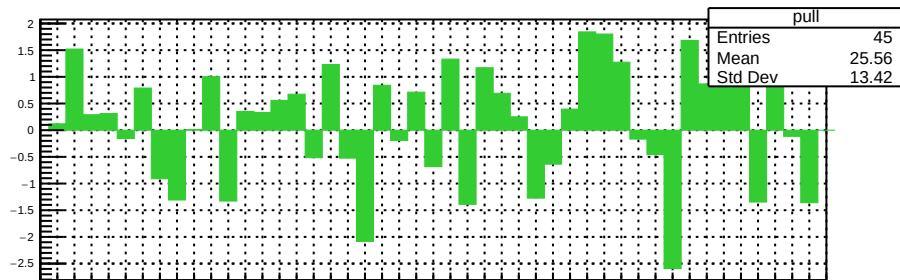
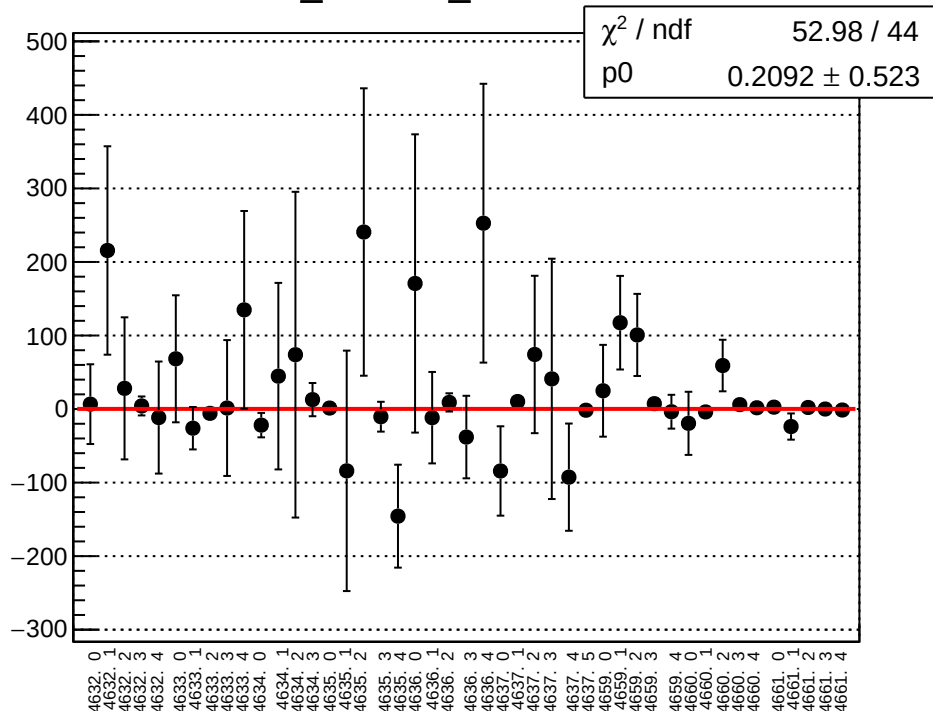
diff_cav4dX_mean vs run



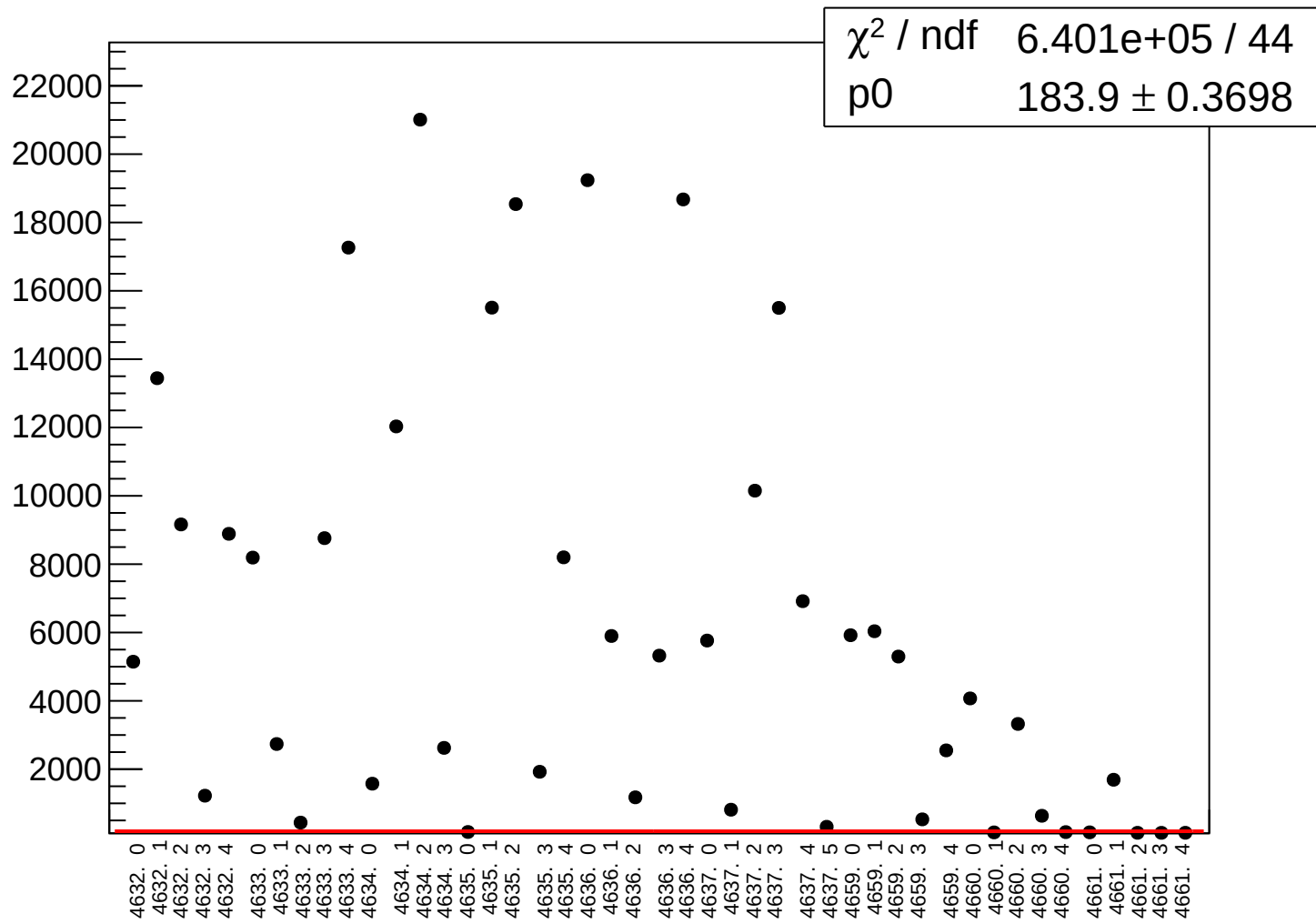
diff_cav4dX_rms vs run



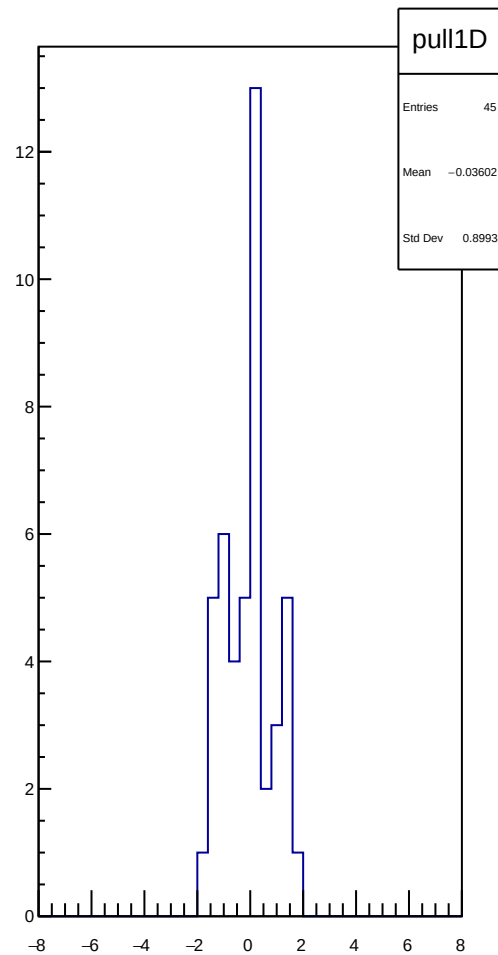
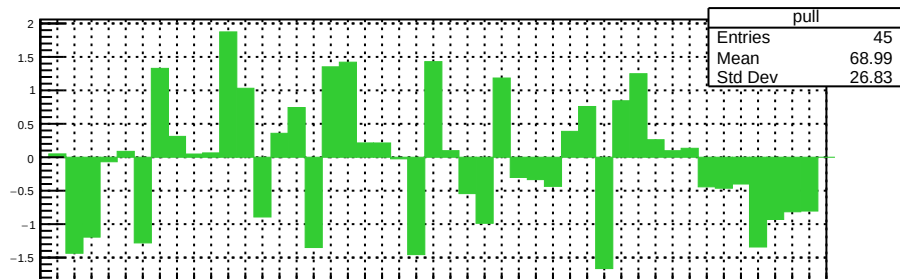
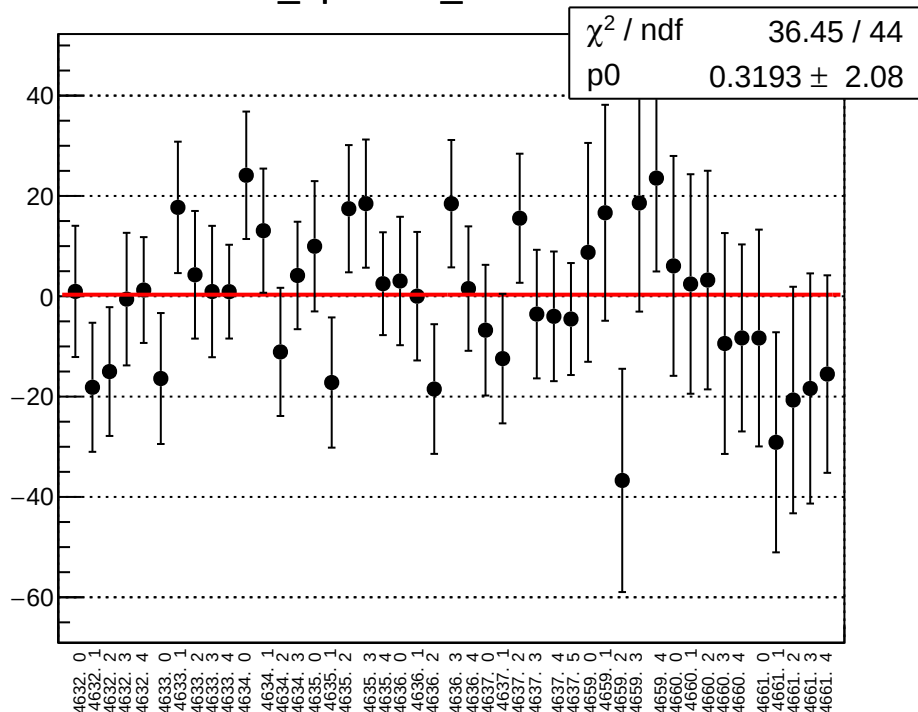
diff_cav4dY_mean vs run



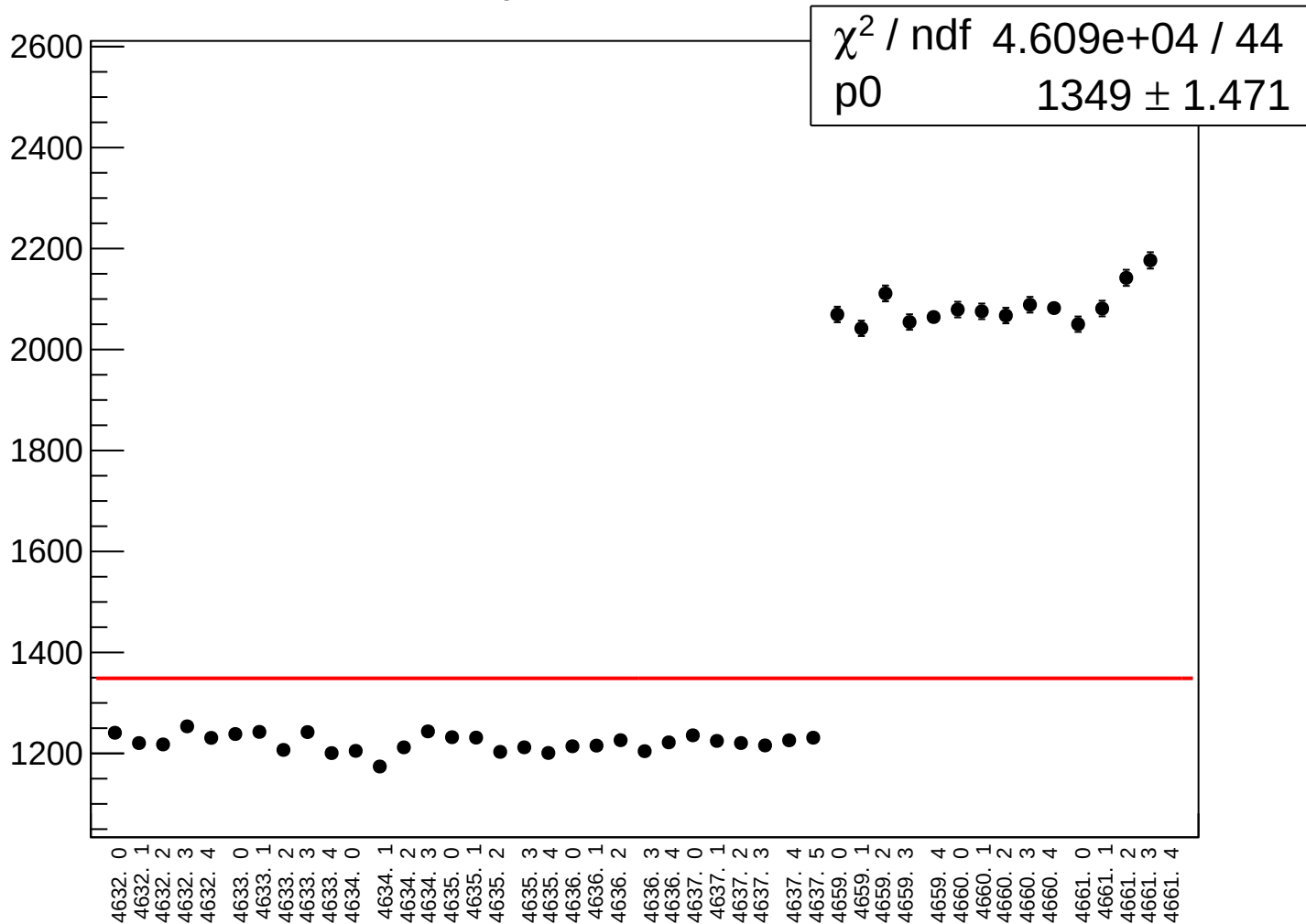
diff_cav4dY_rms vs run



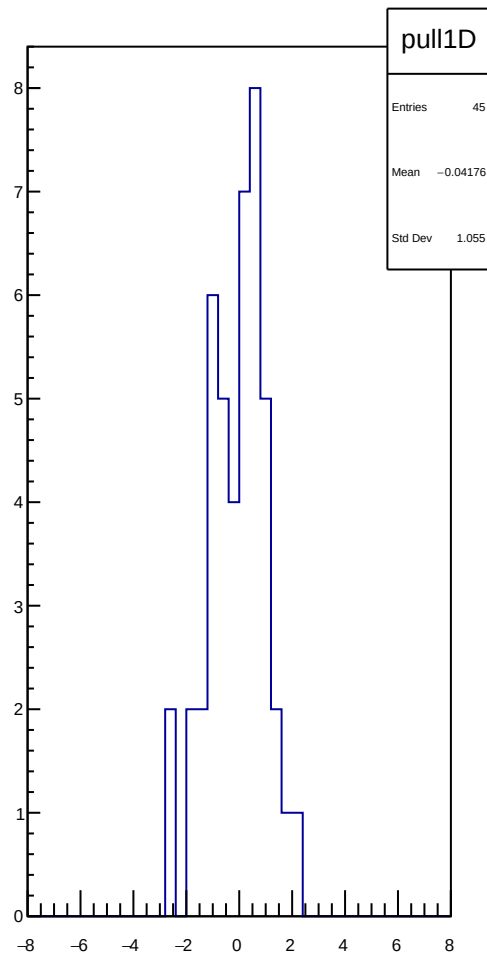
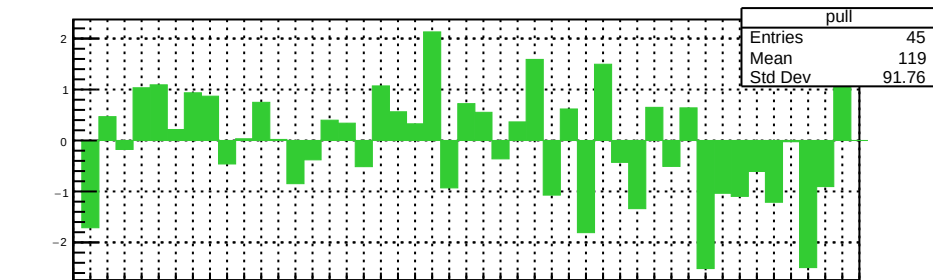
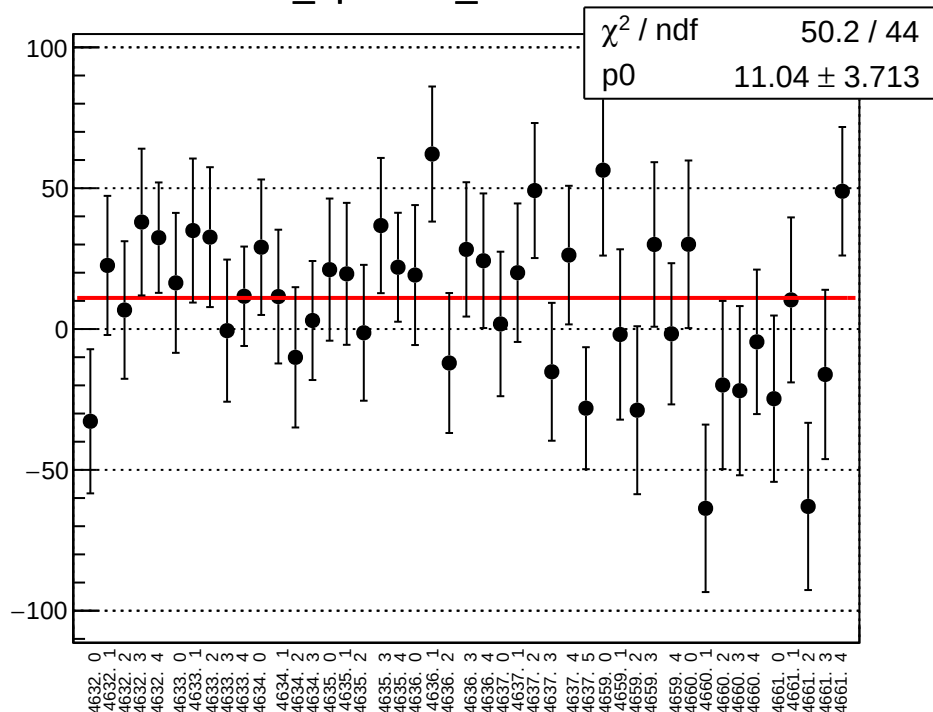
diff_bpm4aX_mean vs un



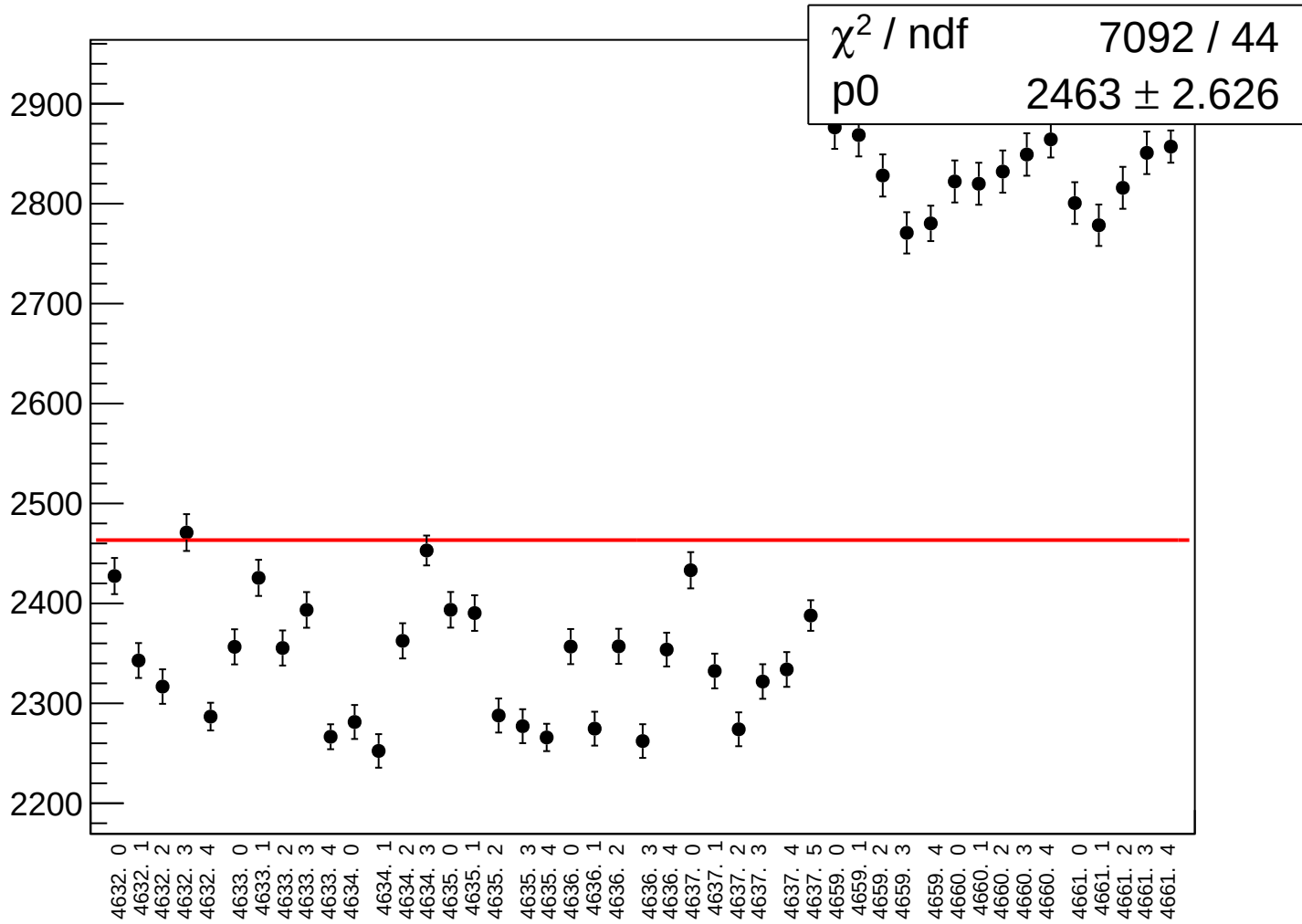
diff_bpm4aX_rms vs run



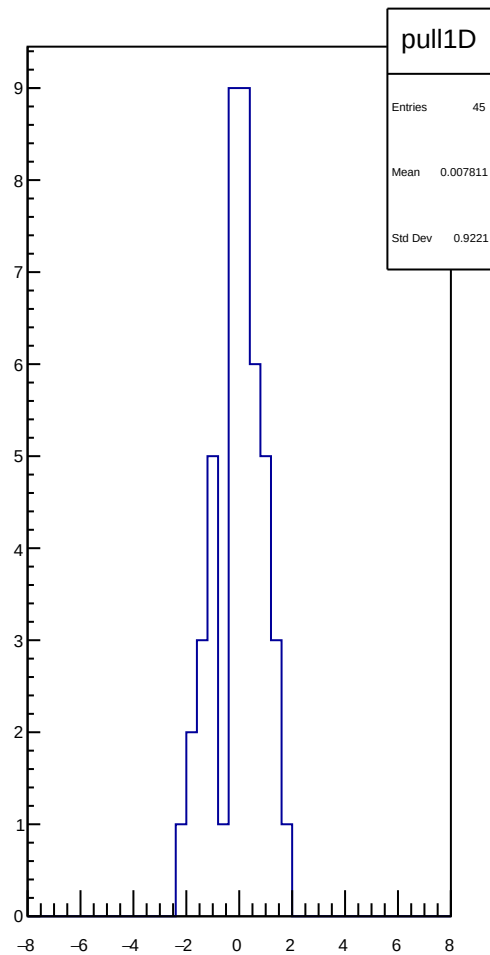
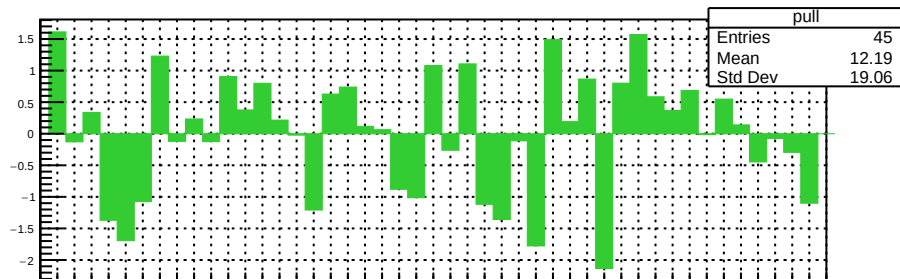
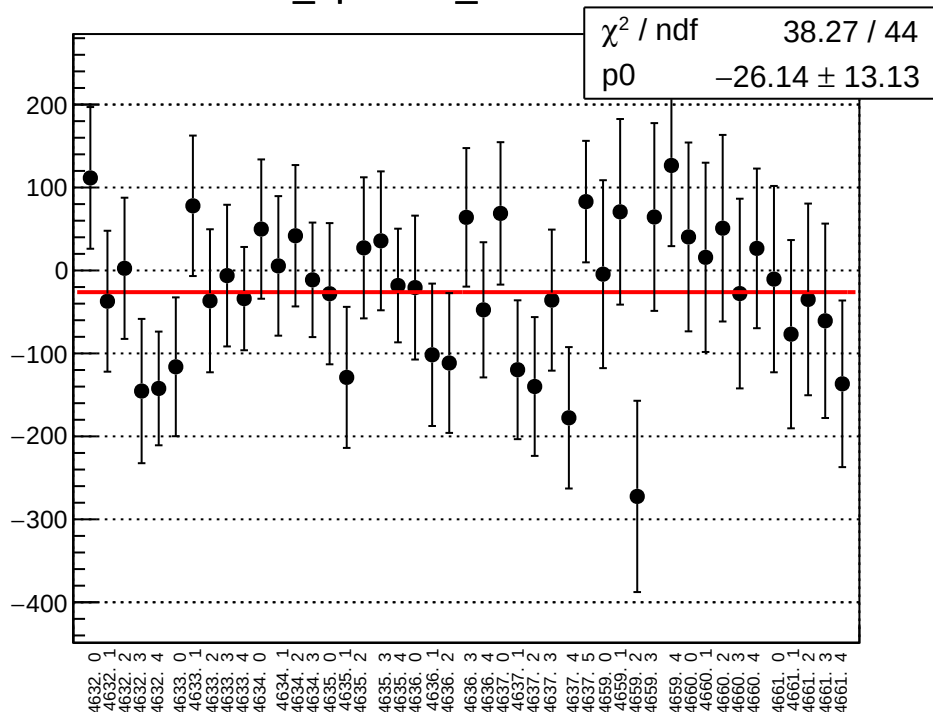
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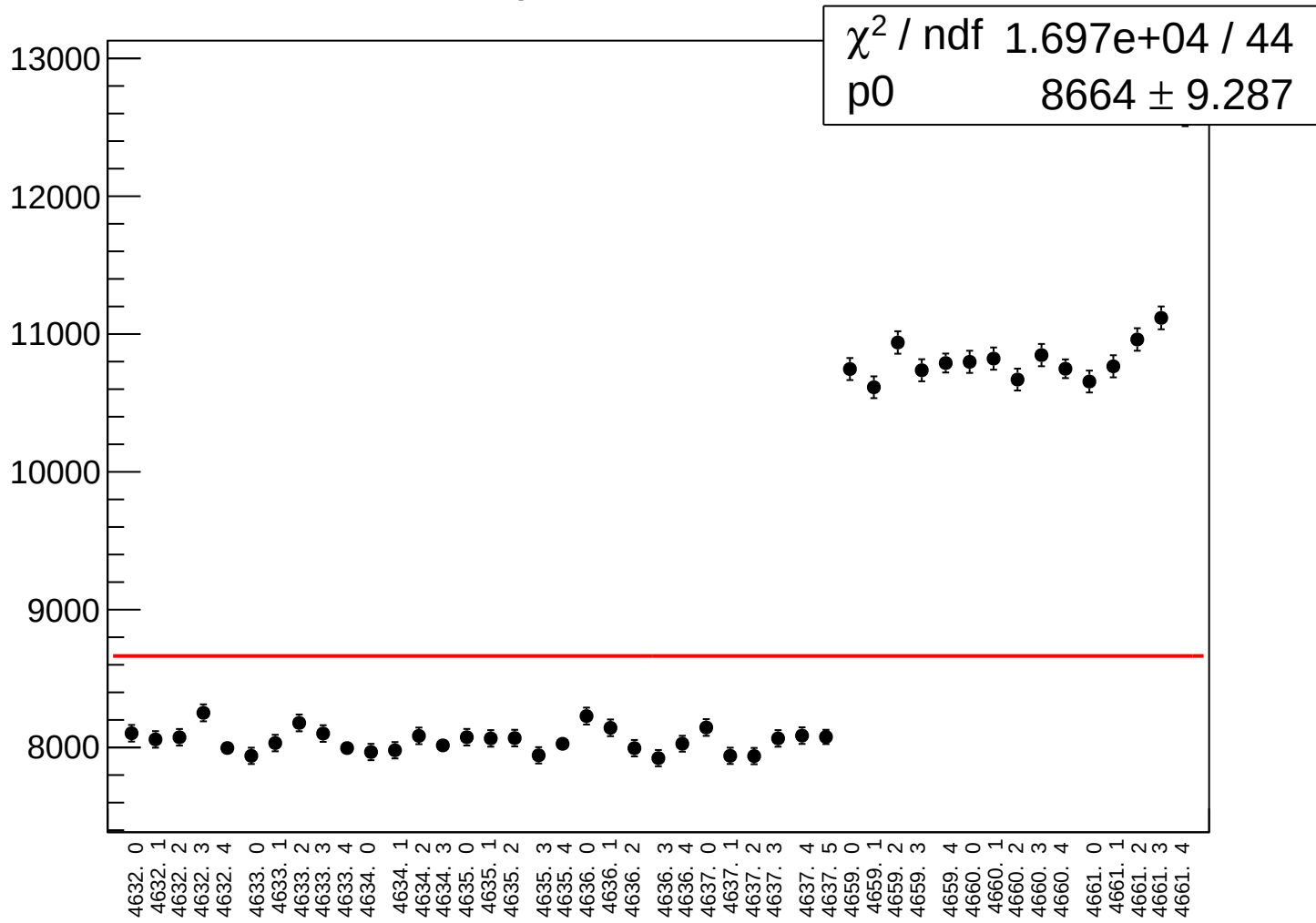
diff_bpm4aY_rms vs run



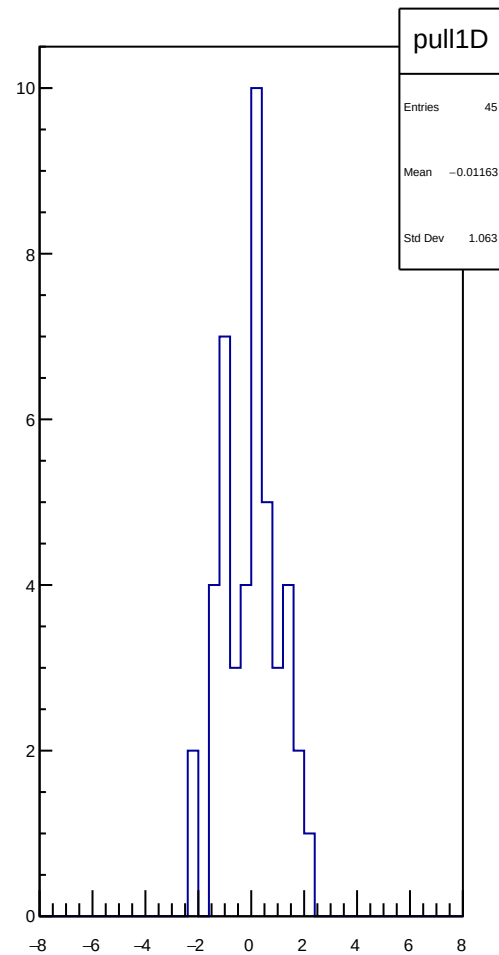
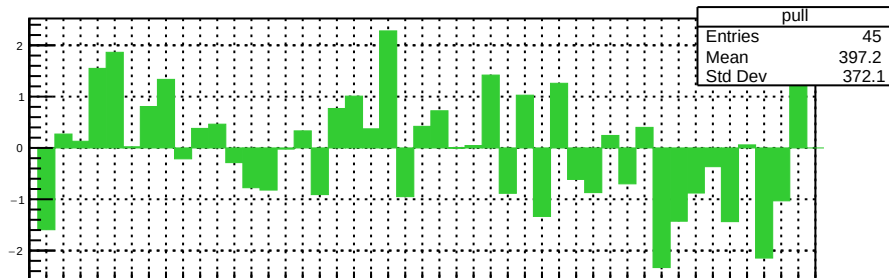
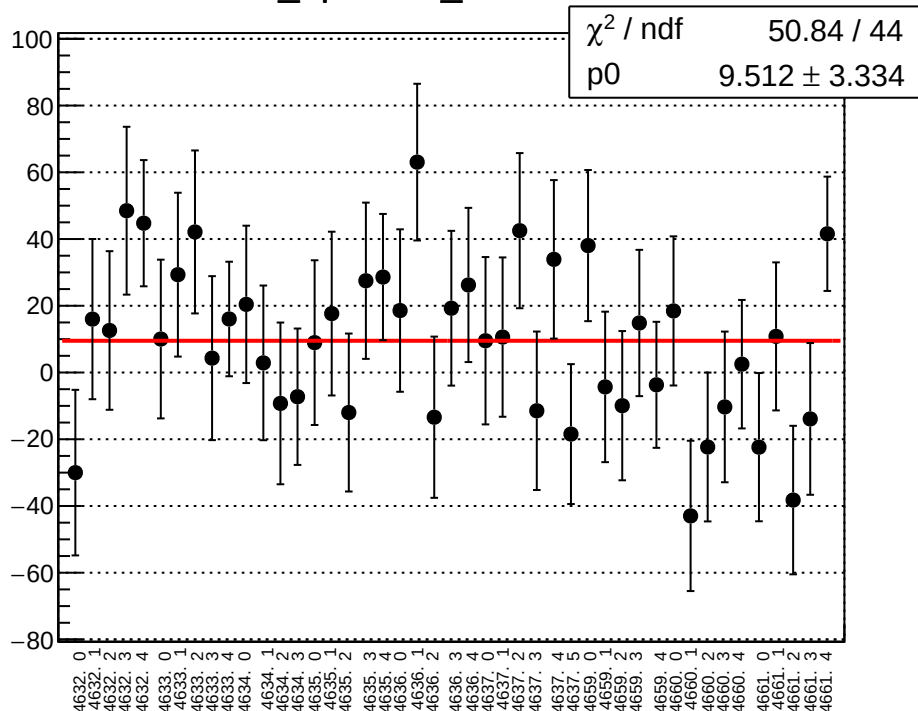
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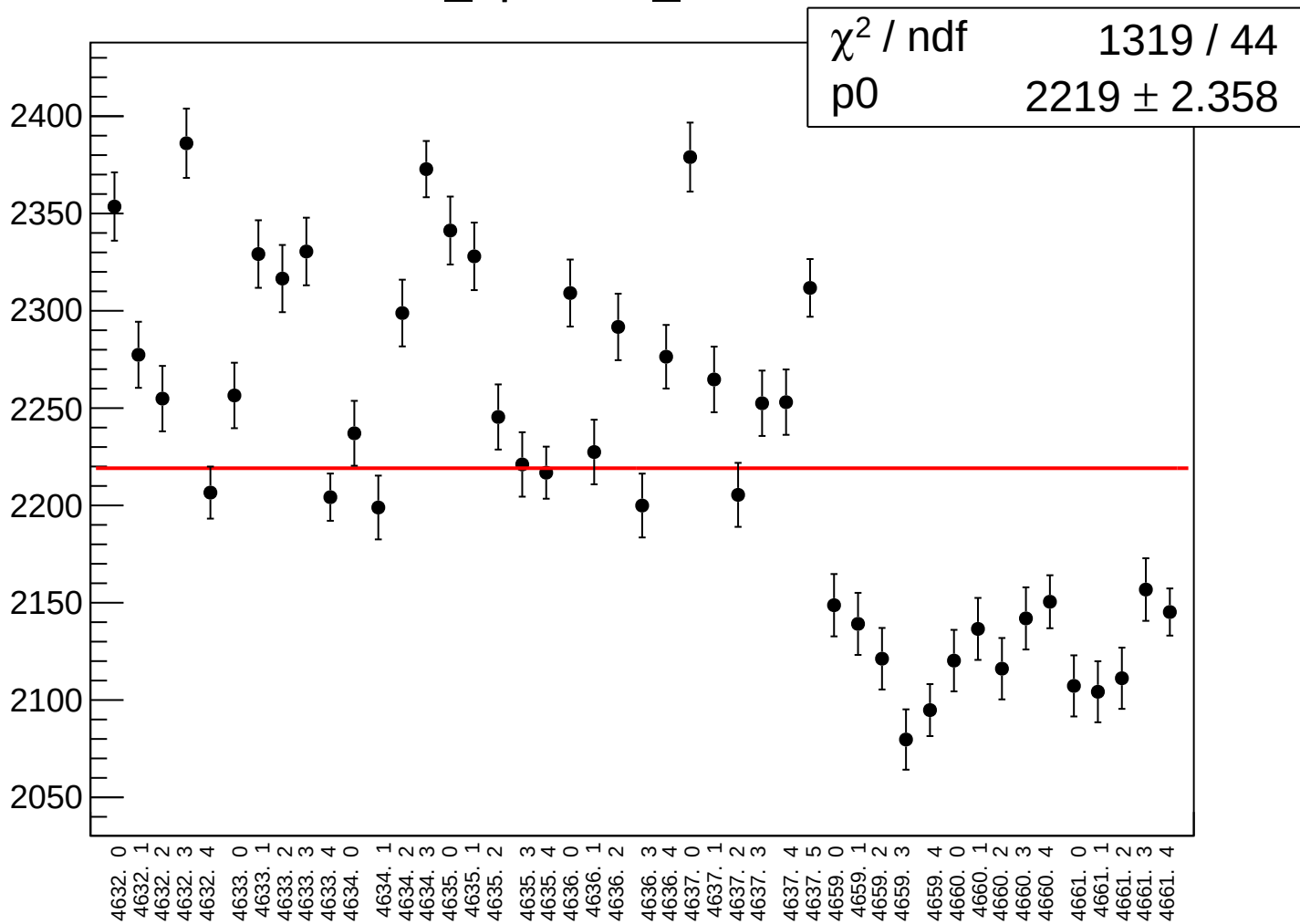
diff_bpm4eX_rms vs run



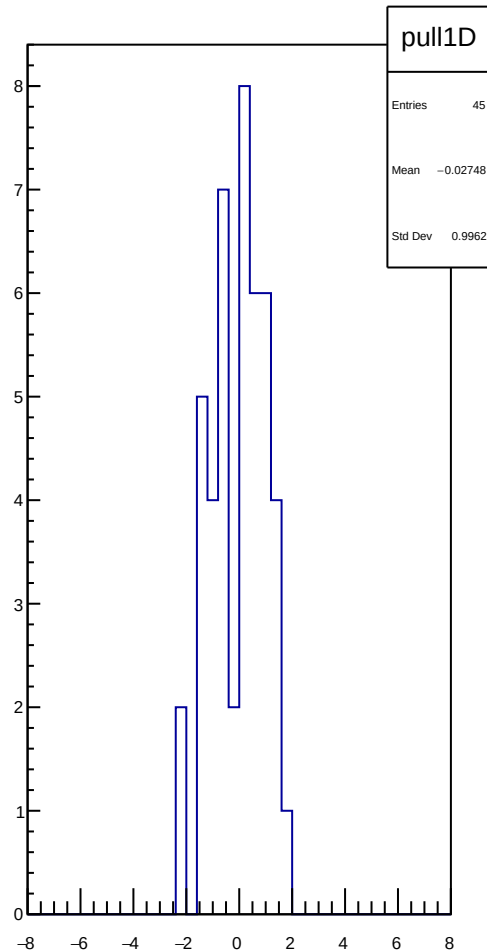
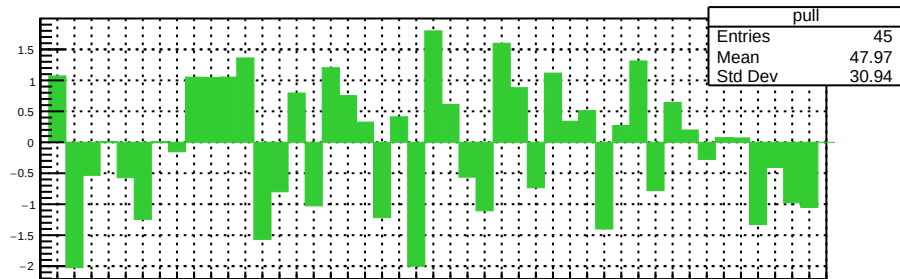
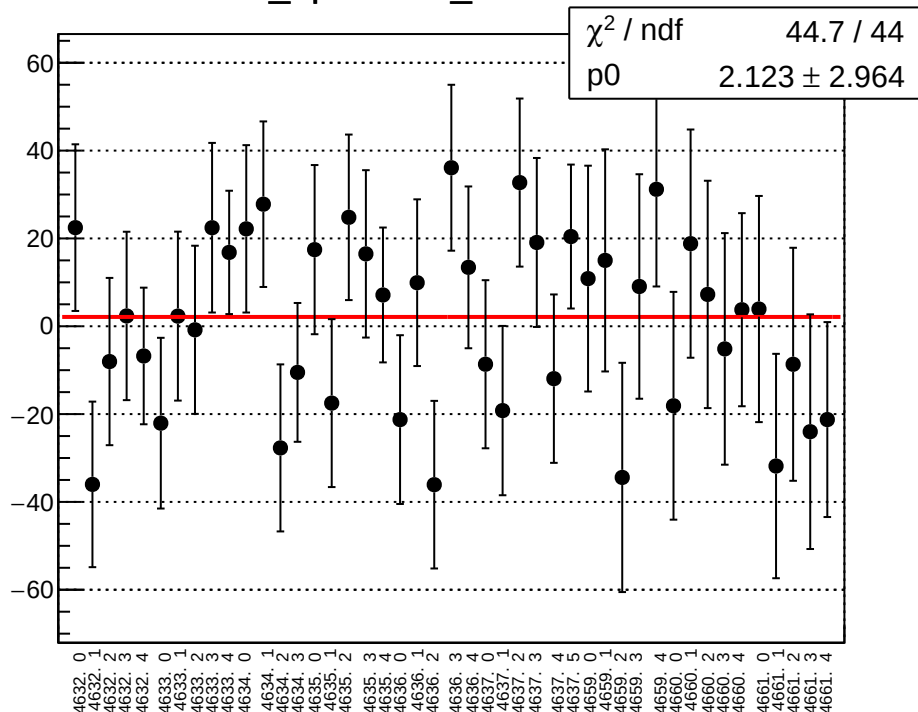
diff_bpm4eY_mean vs un



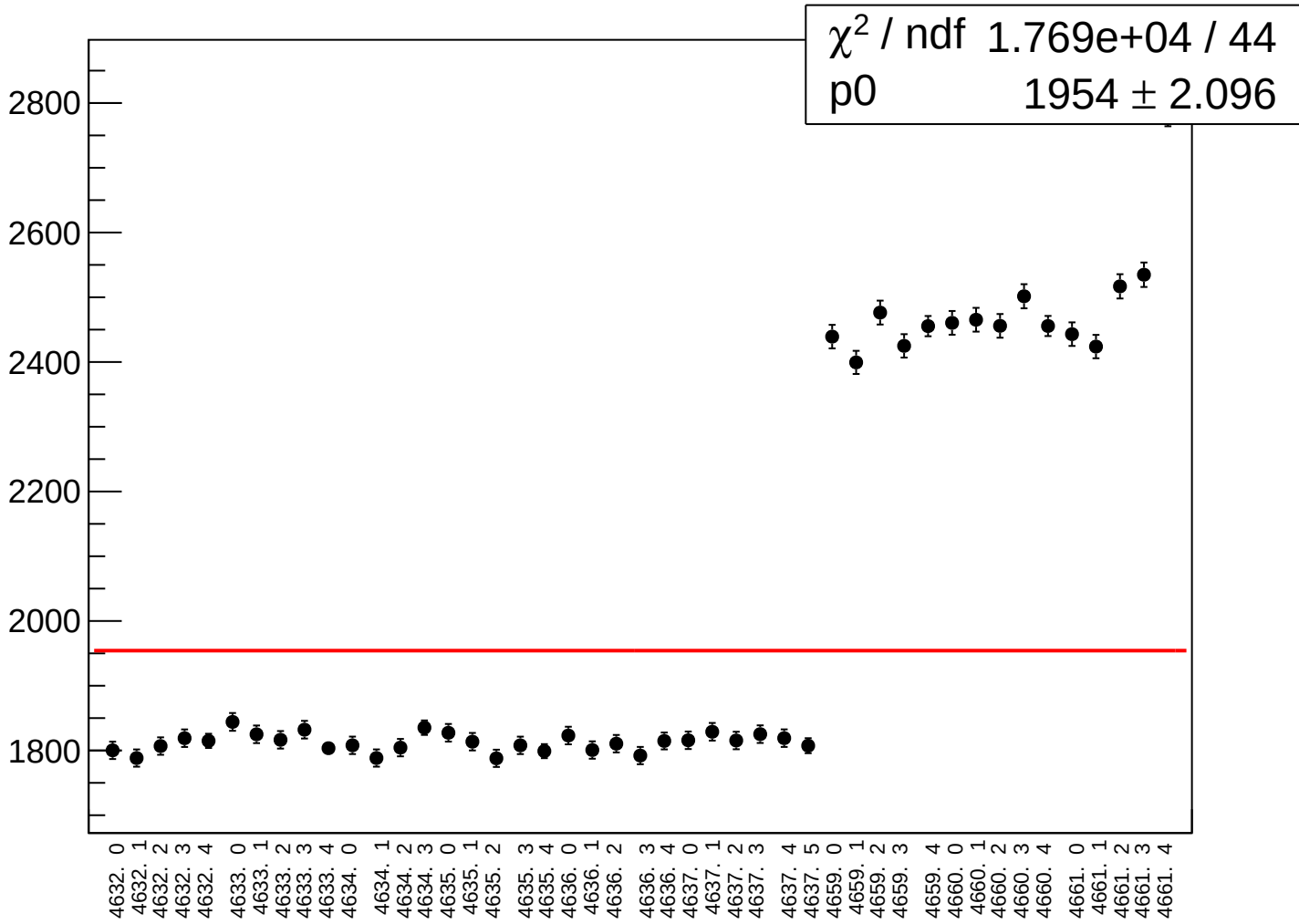
diff_bpm4eY_rms vs run



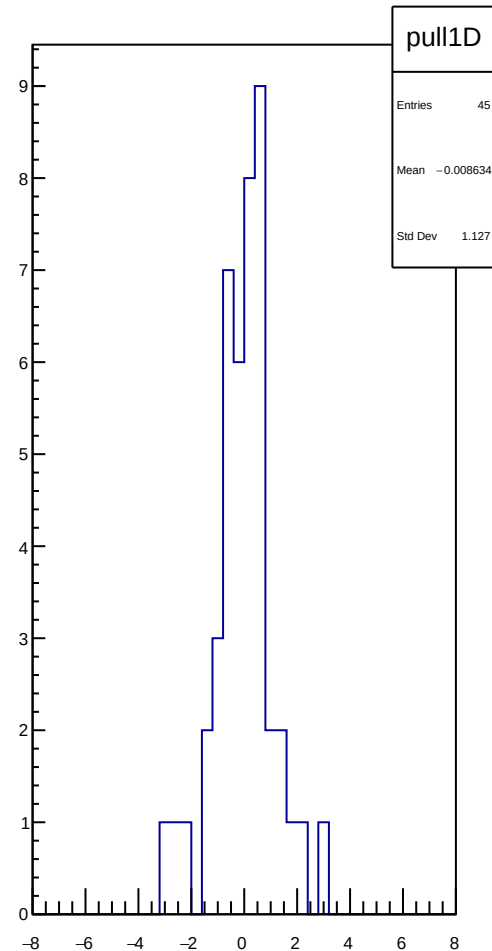
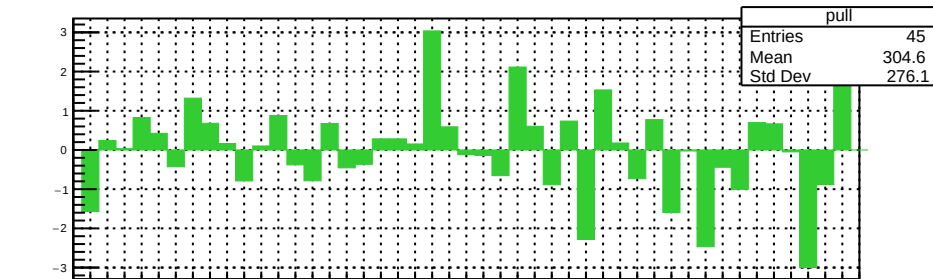
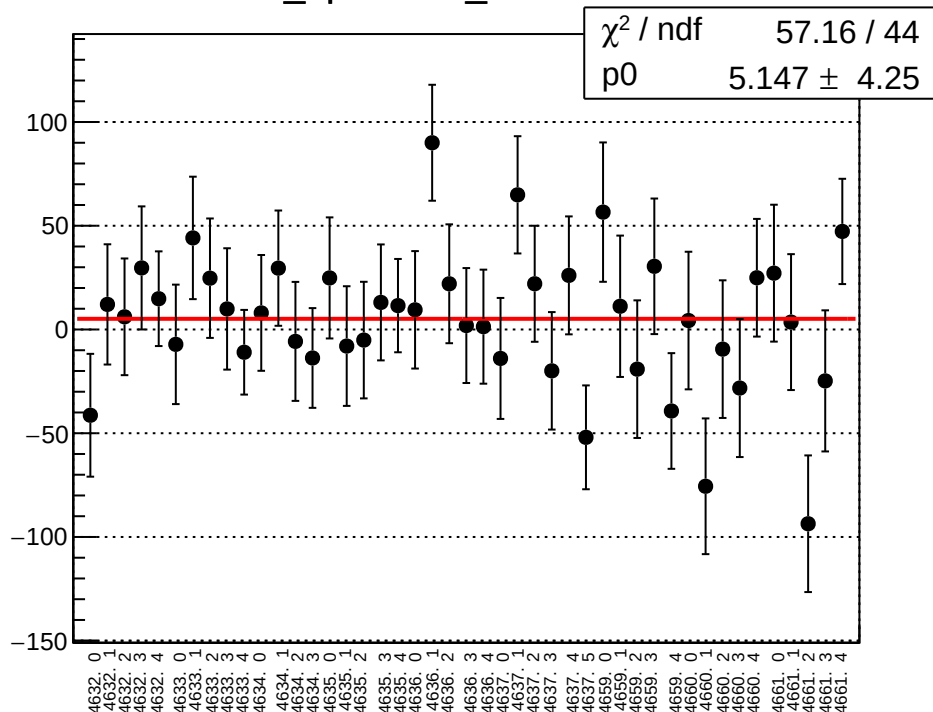
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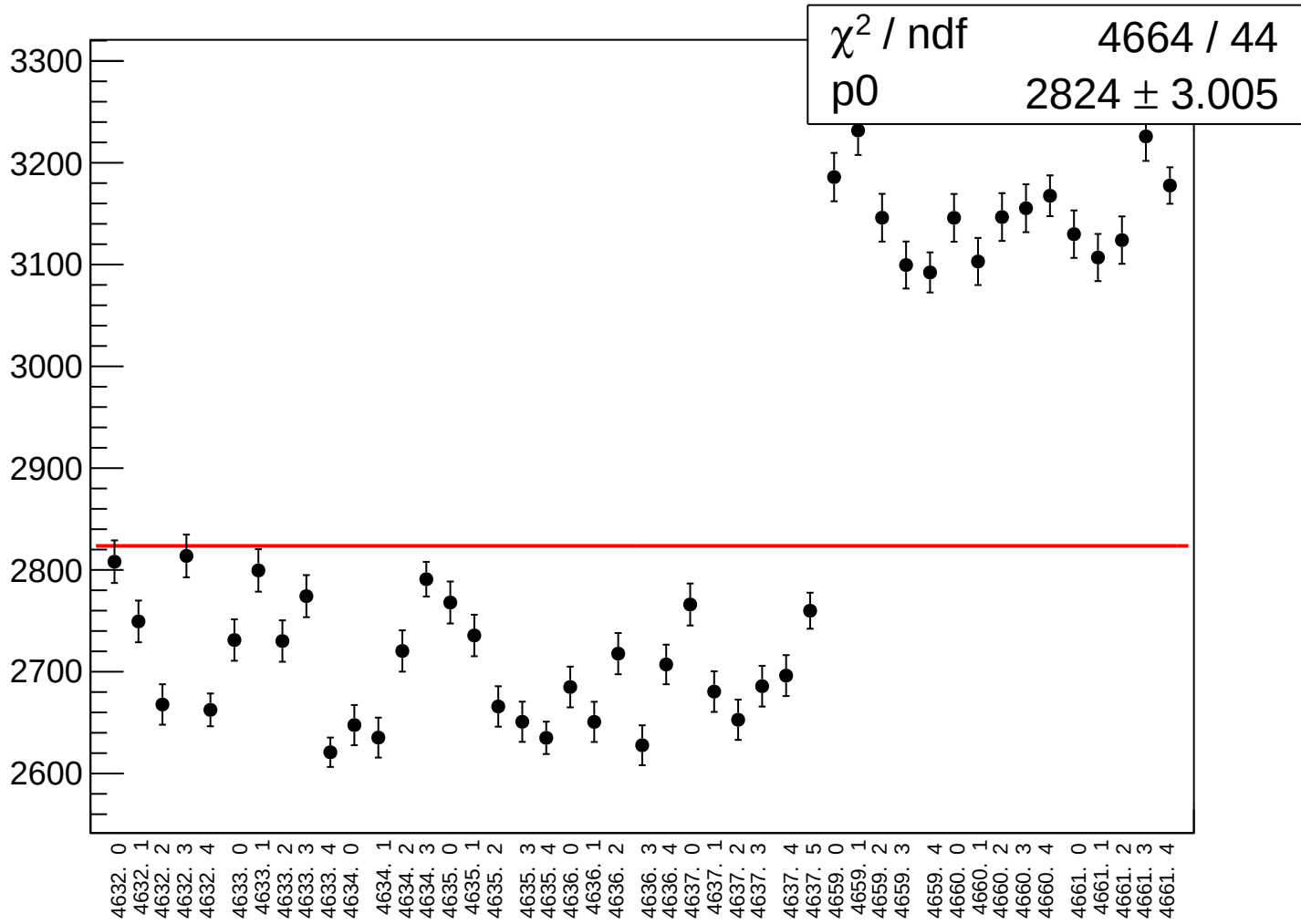
diff_bpm4acX_rms vs run



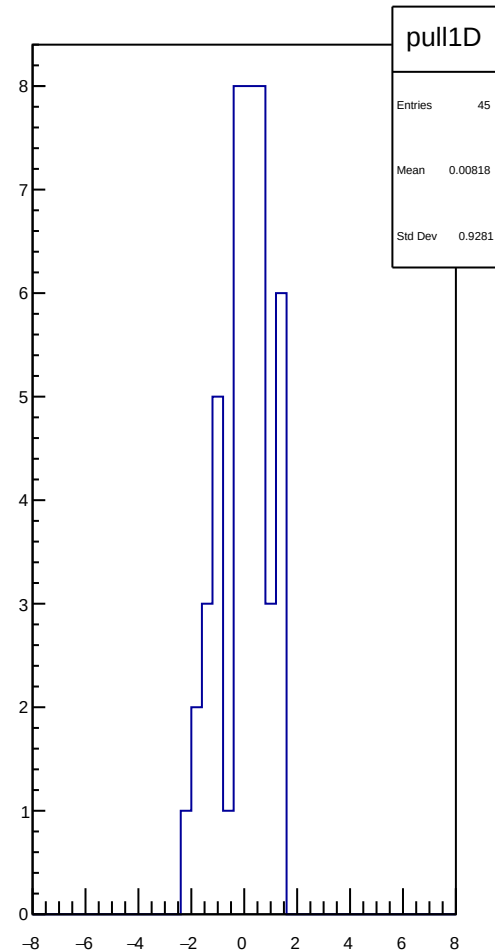
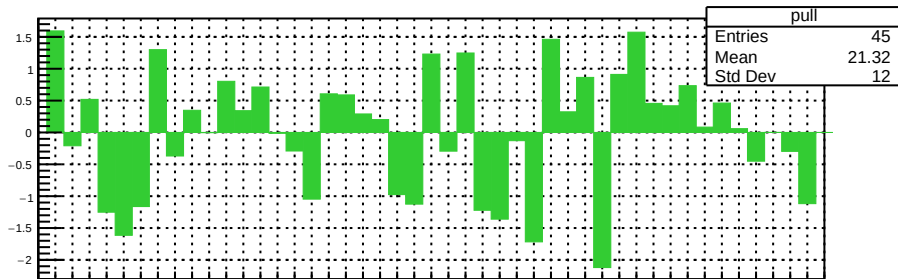
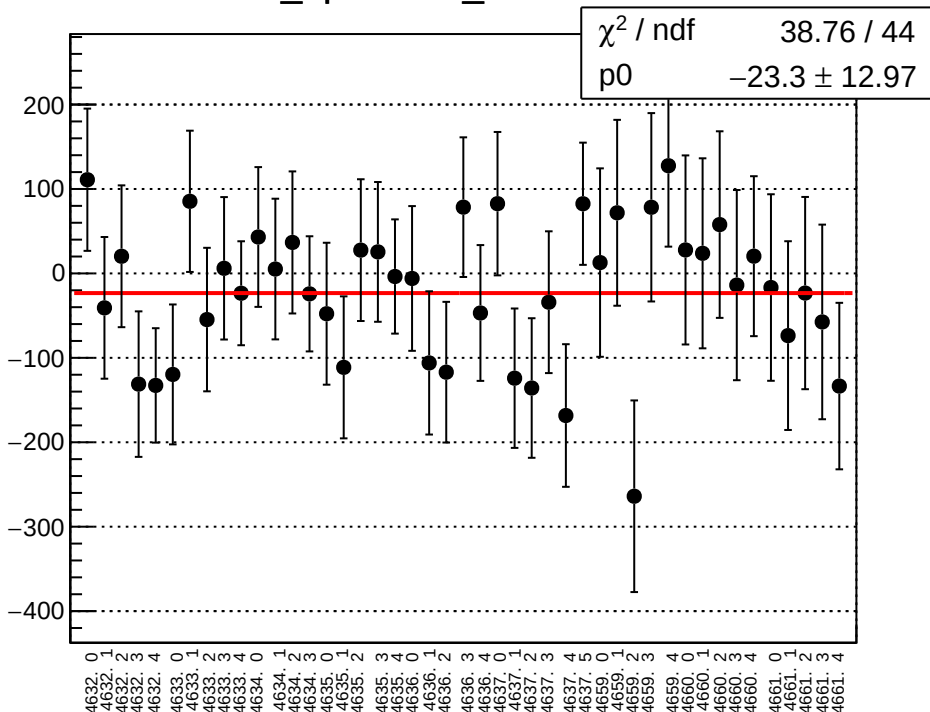
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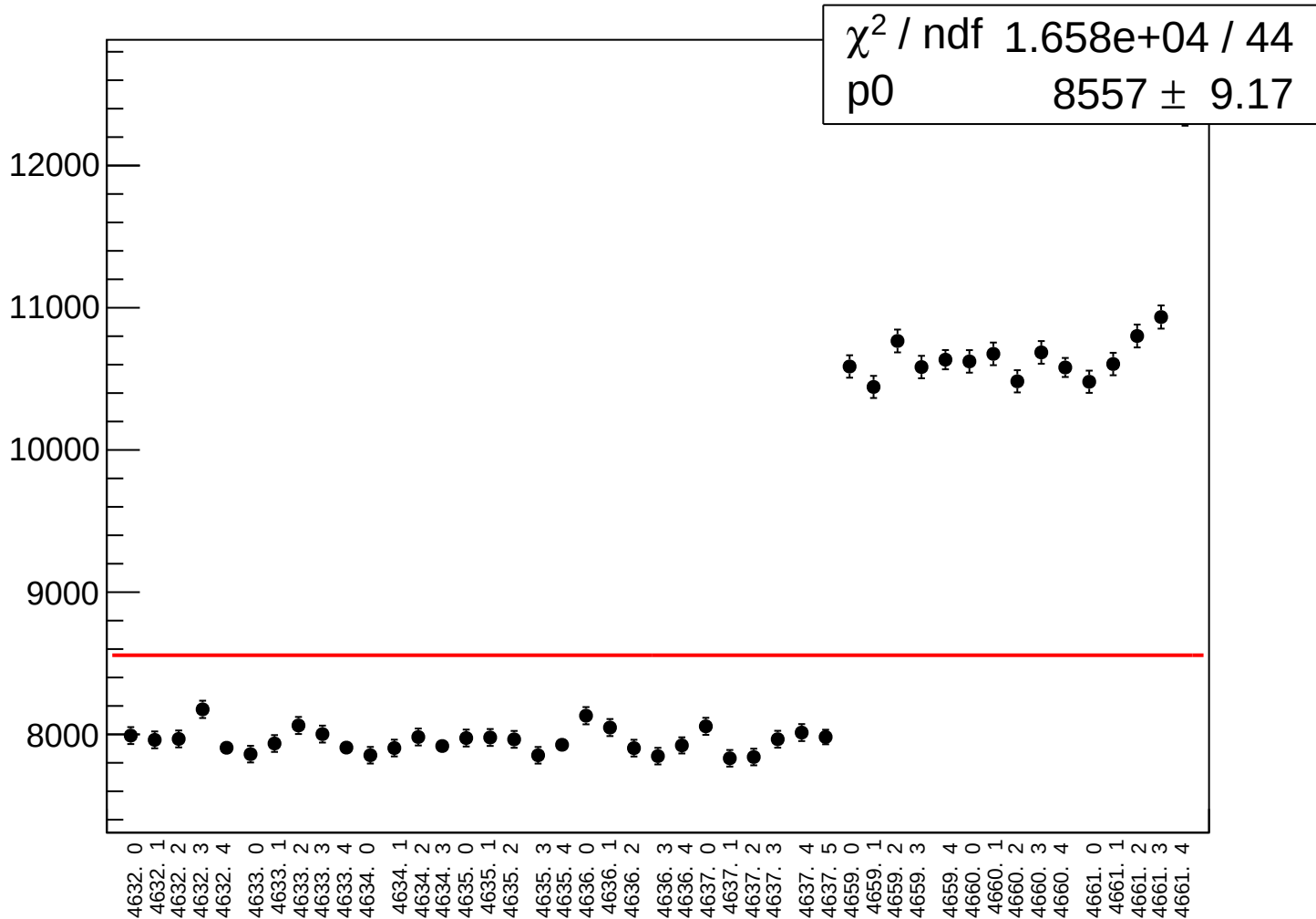
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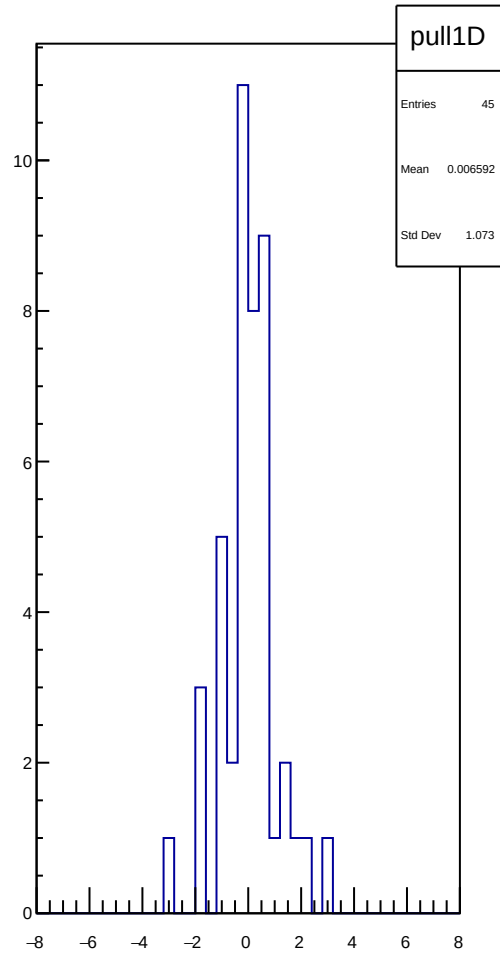
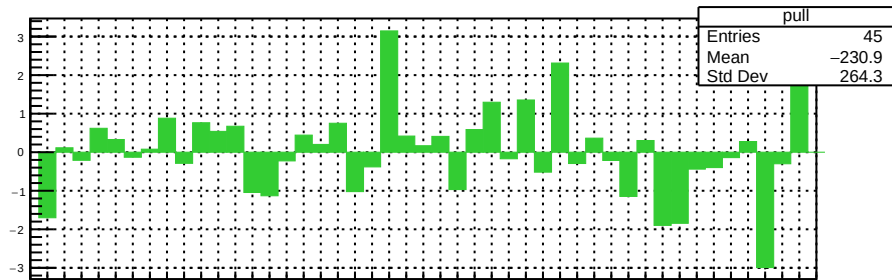
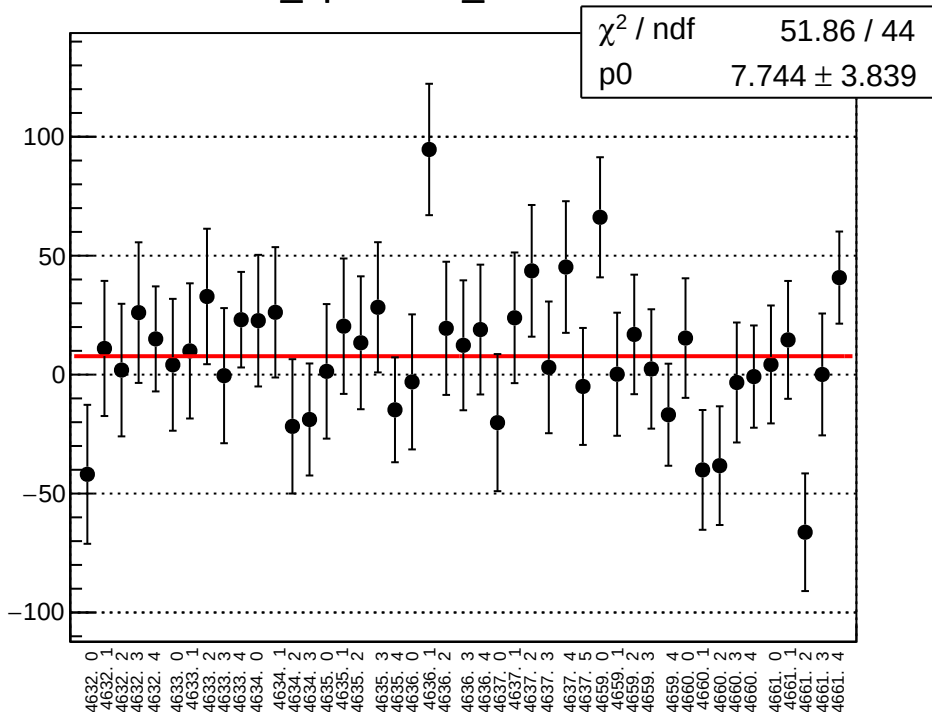
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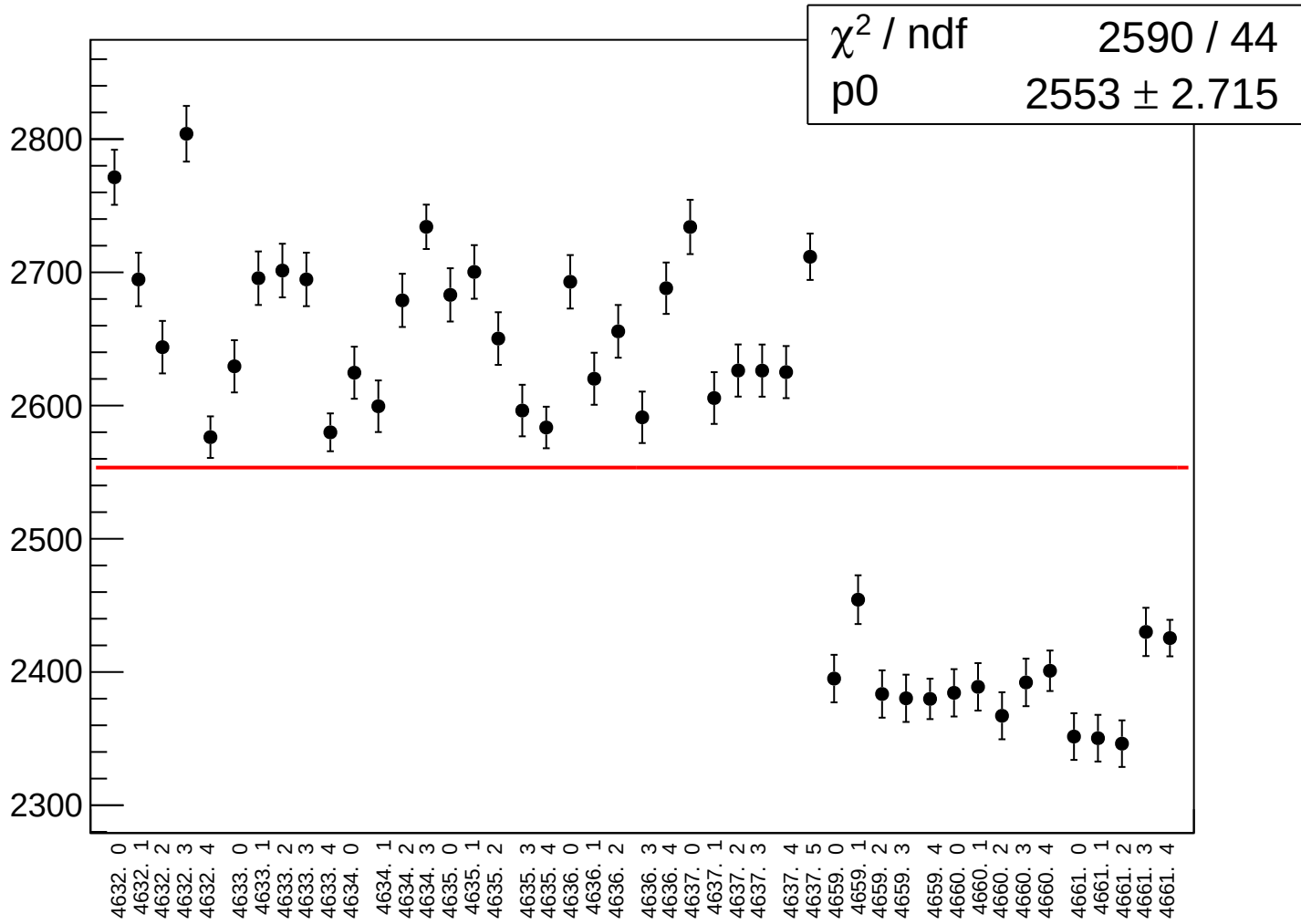
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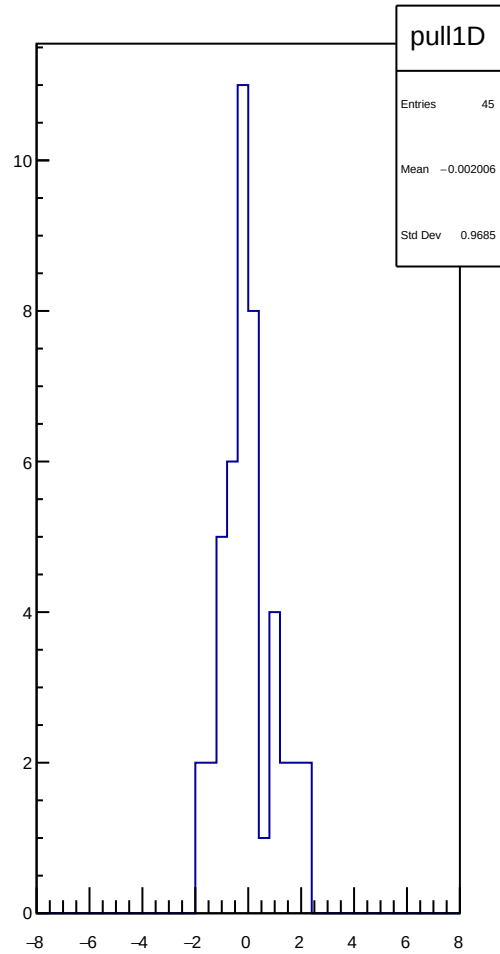
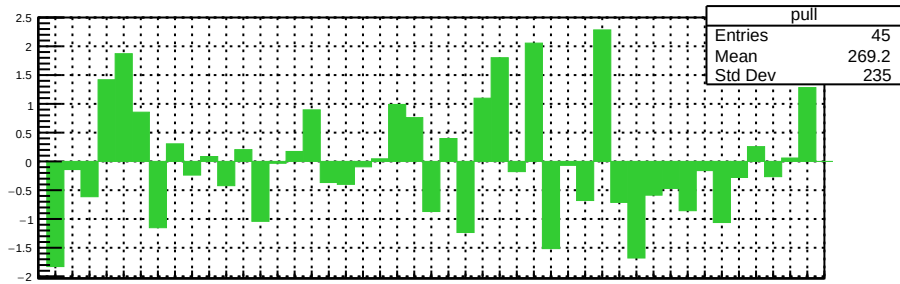
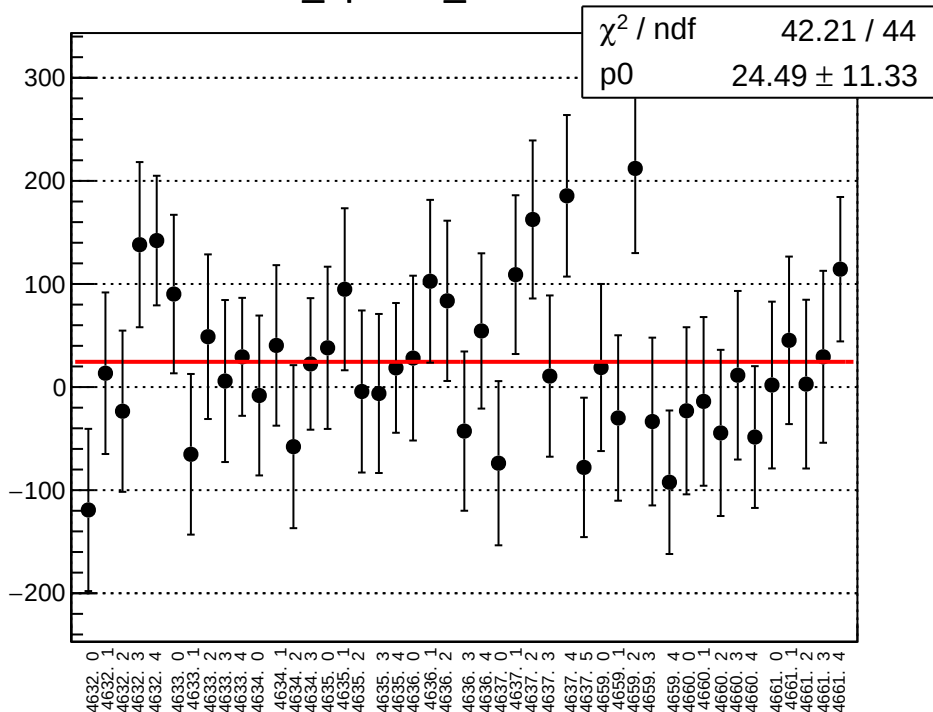
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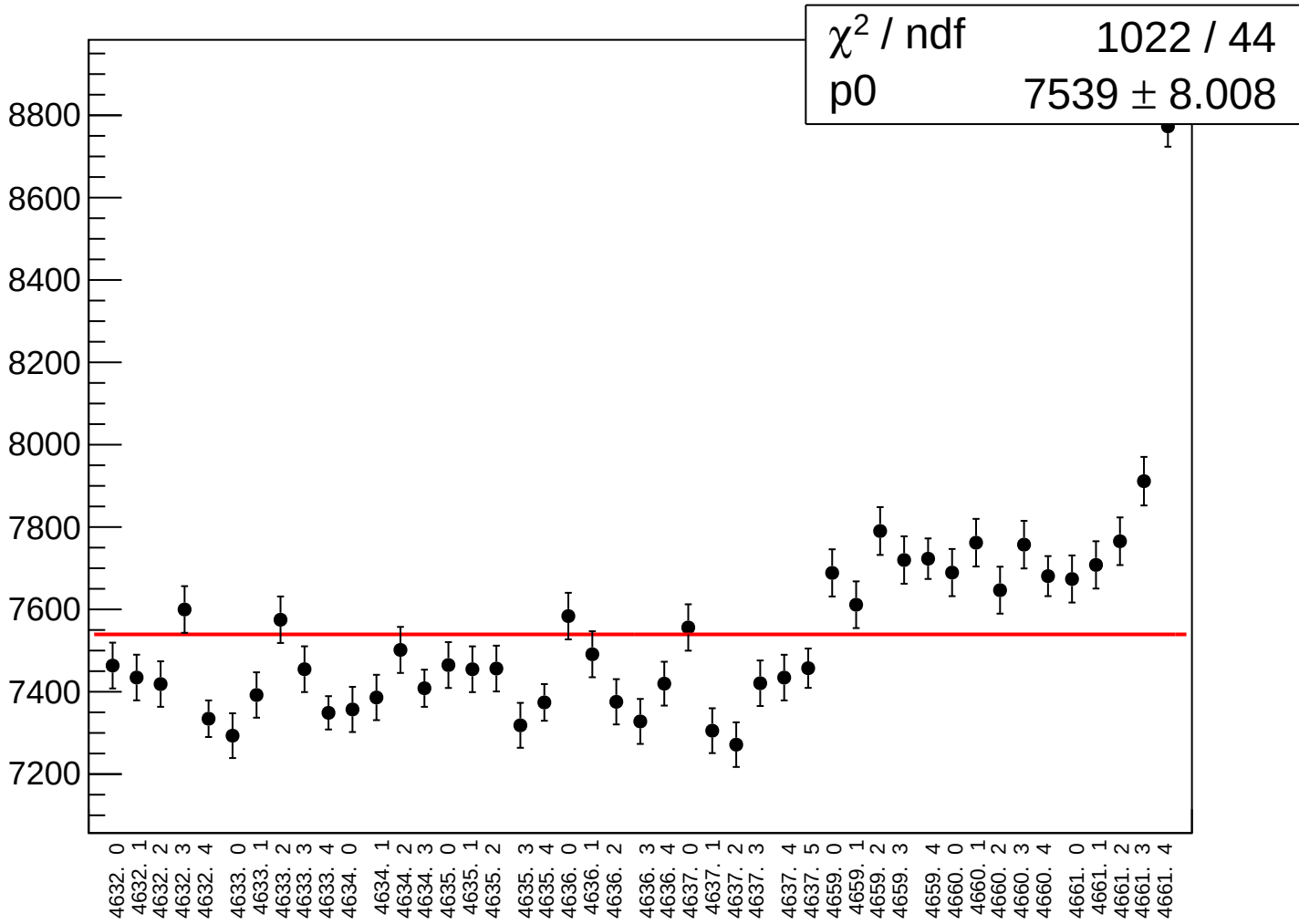
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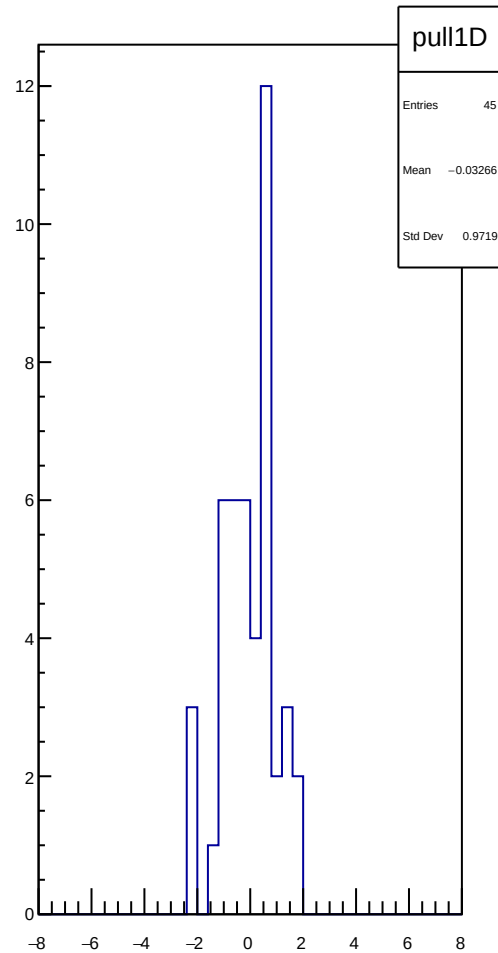
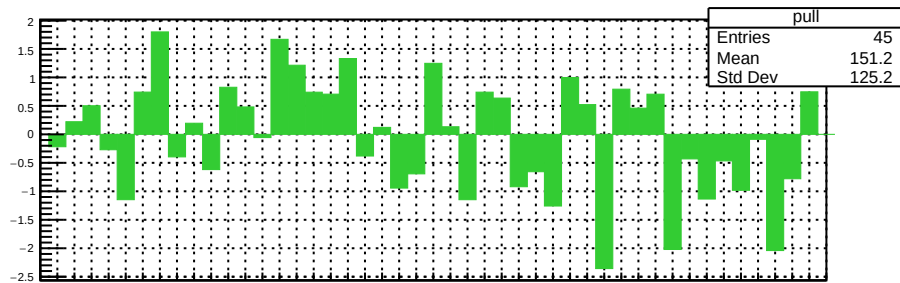
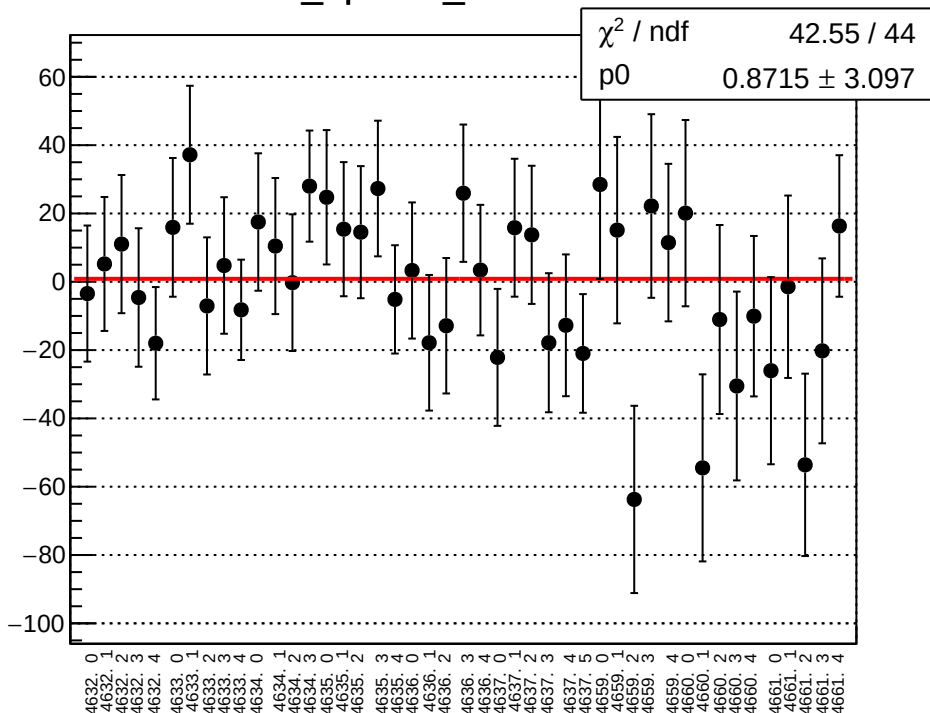
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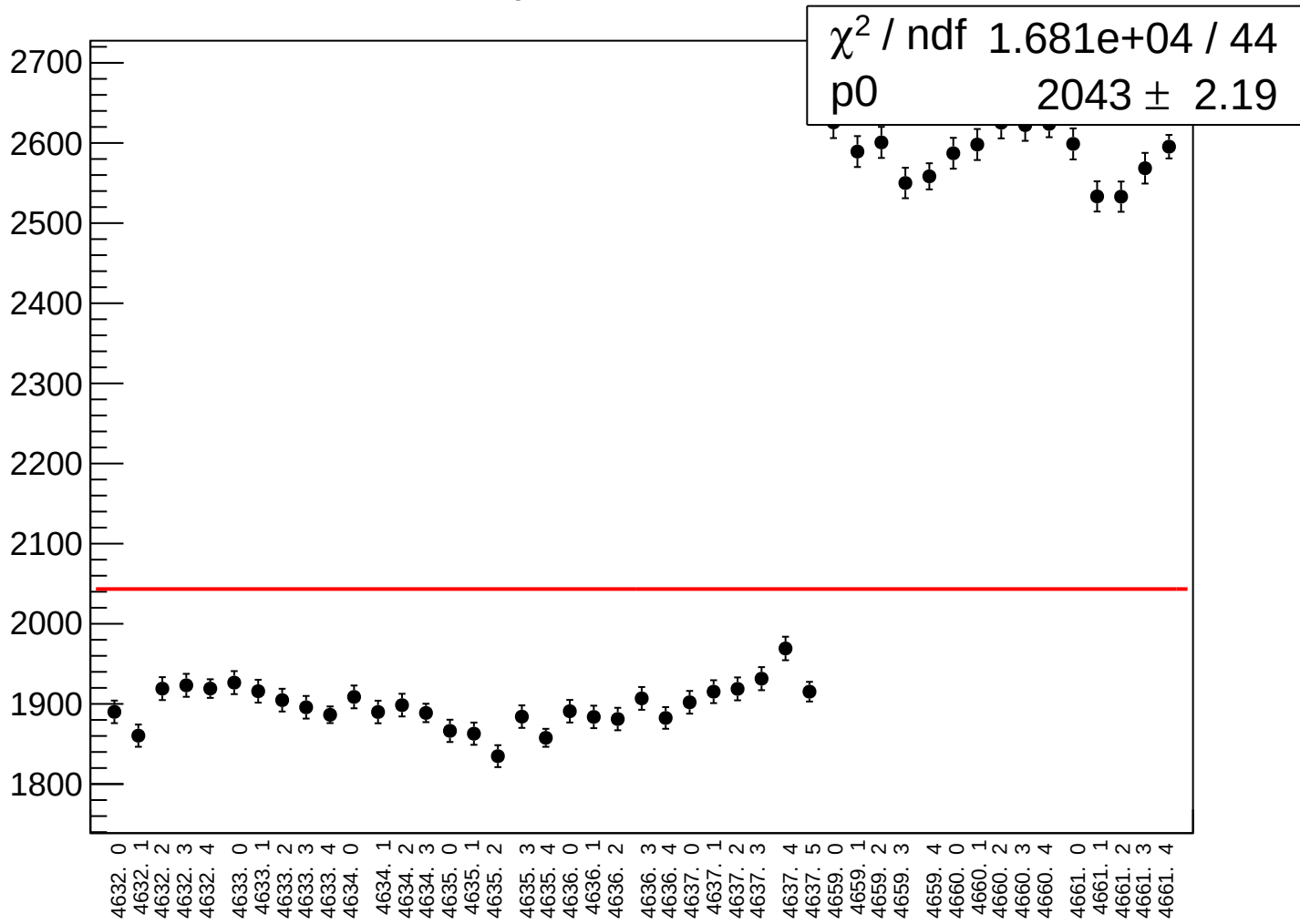
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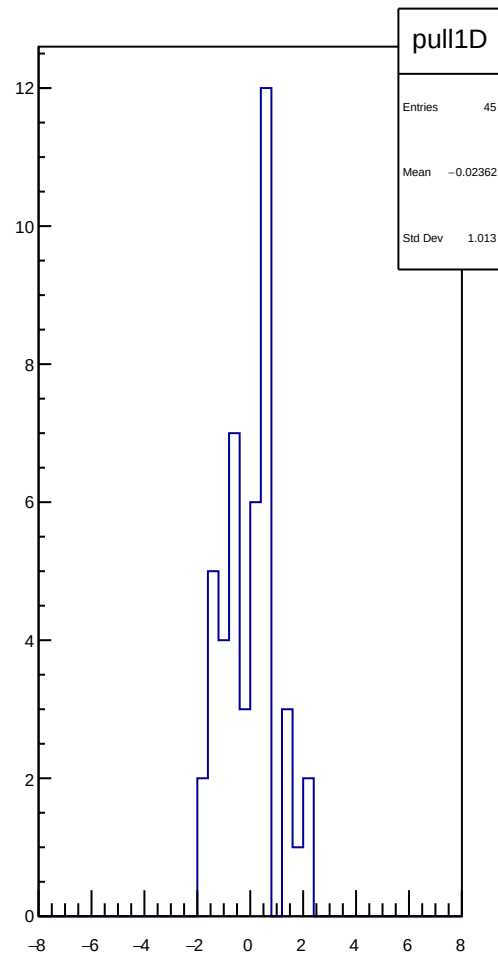
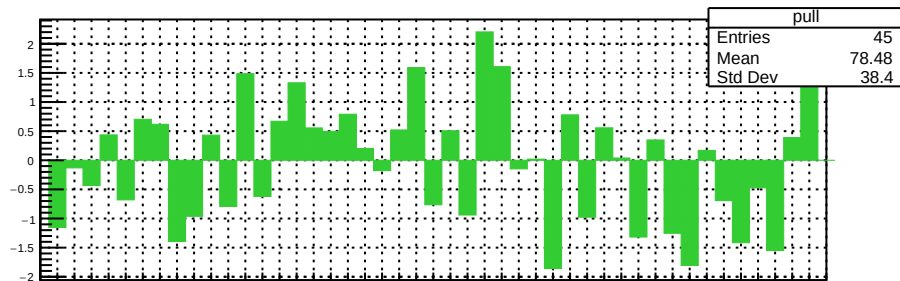
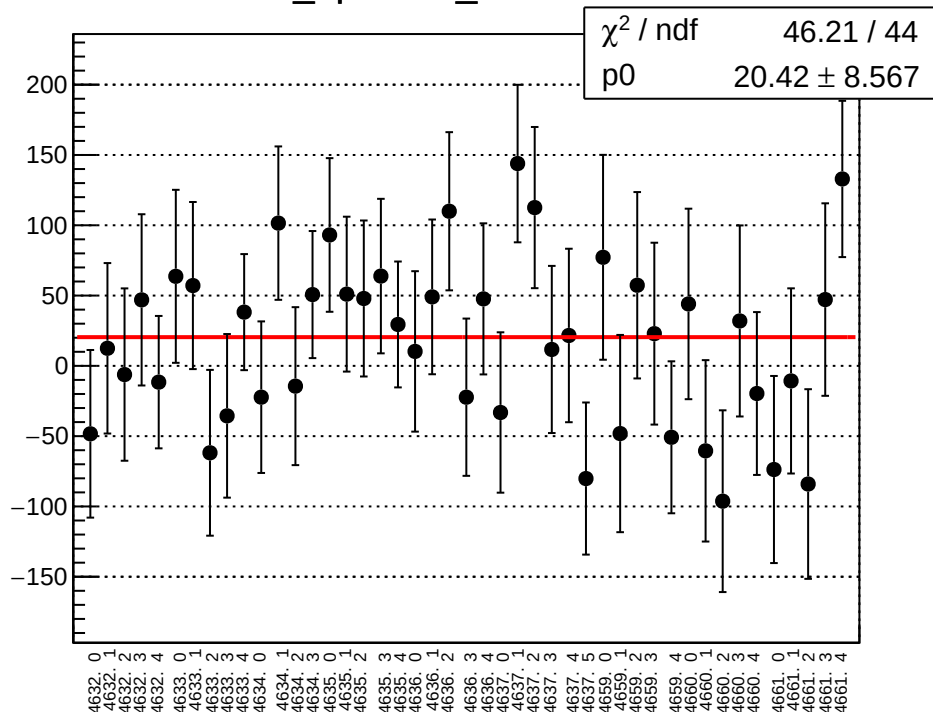
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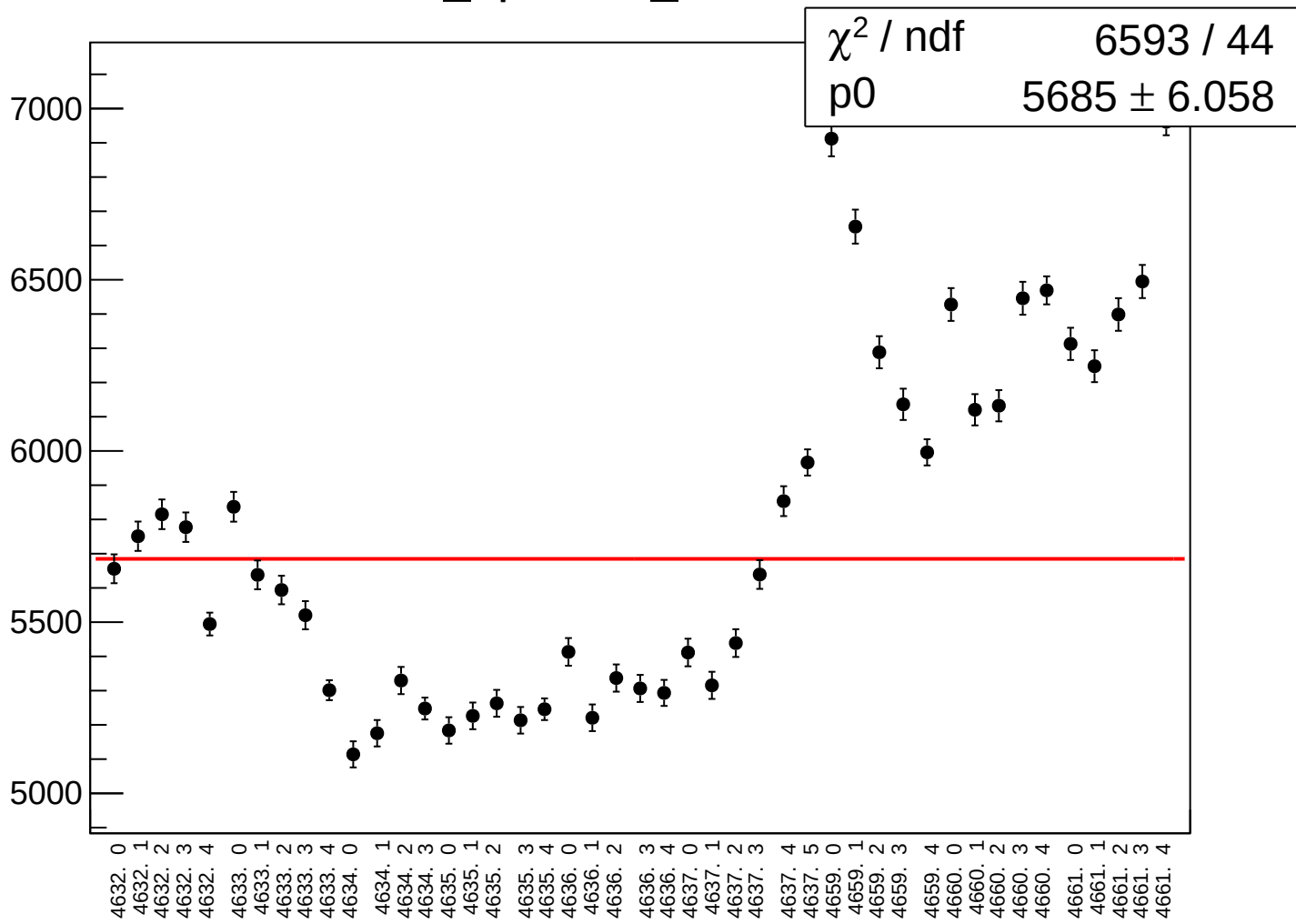
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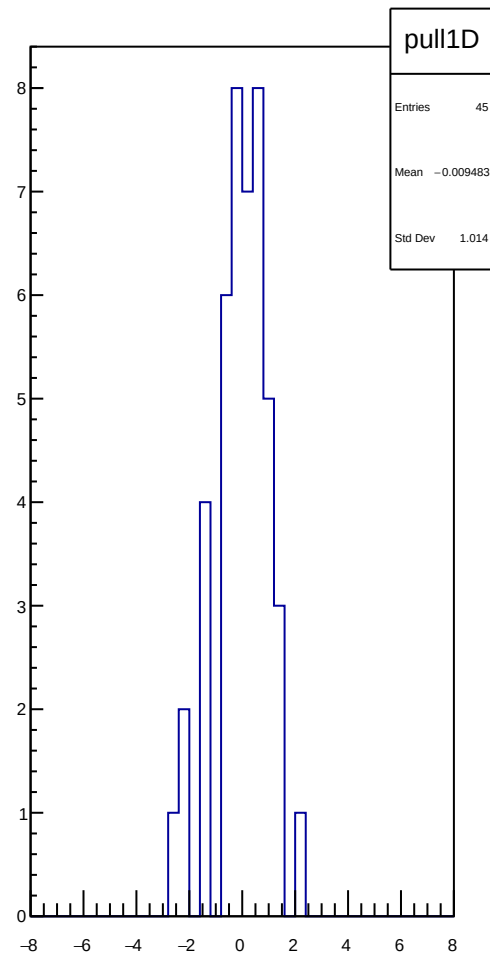
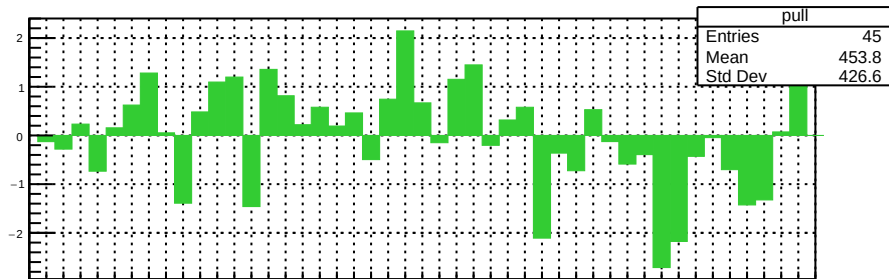
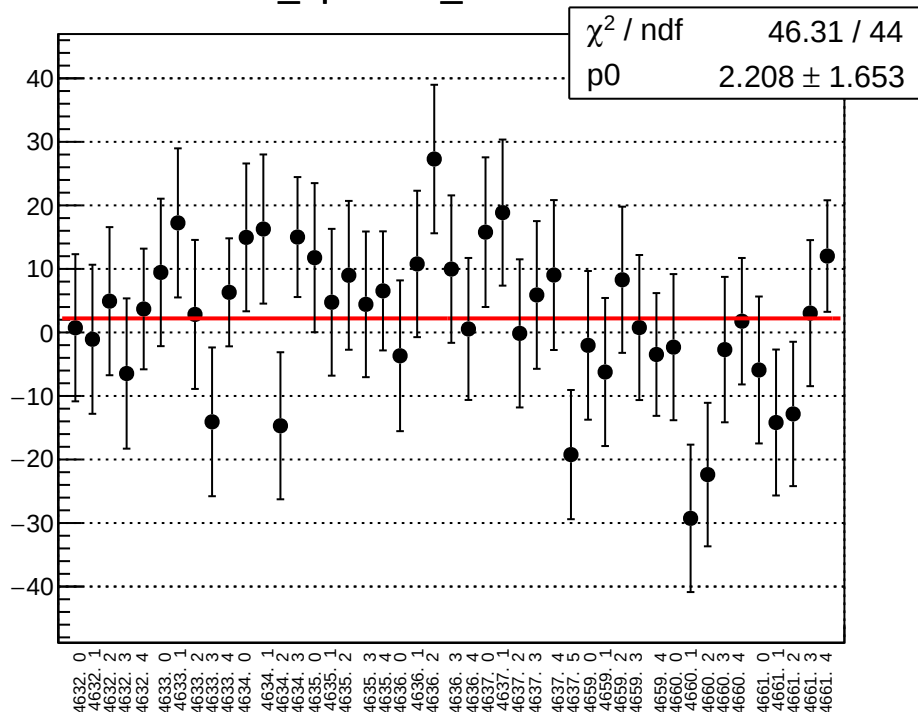
diff_bpm11X_mean vs un



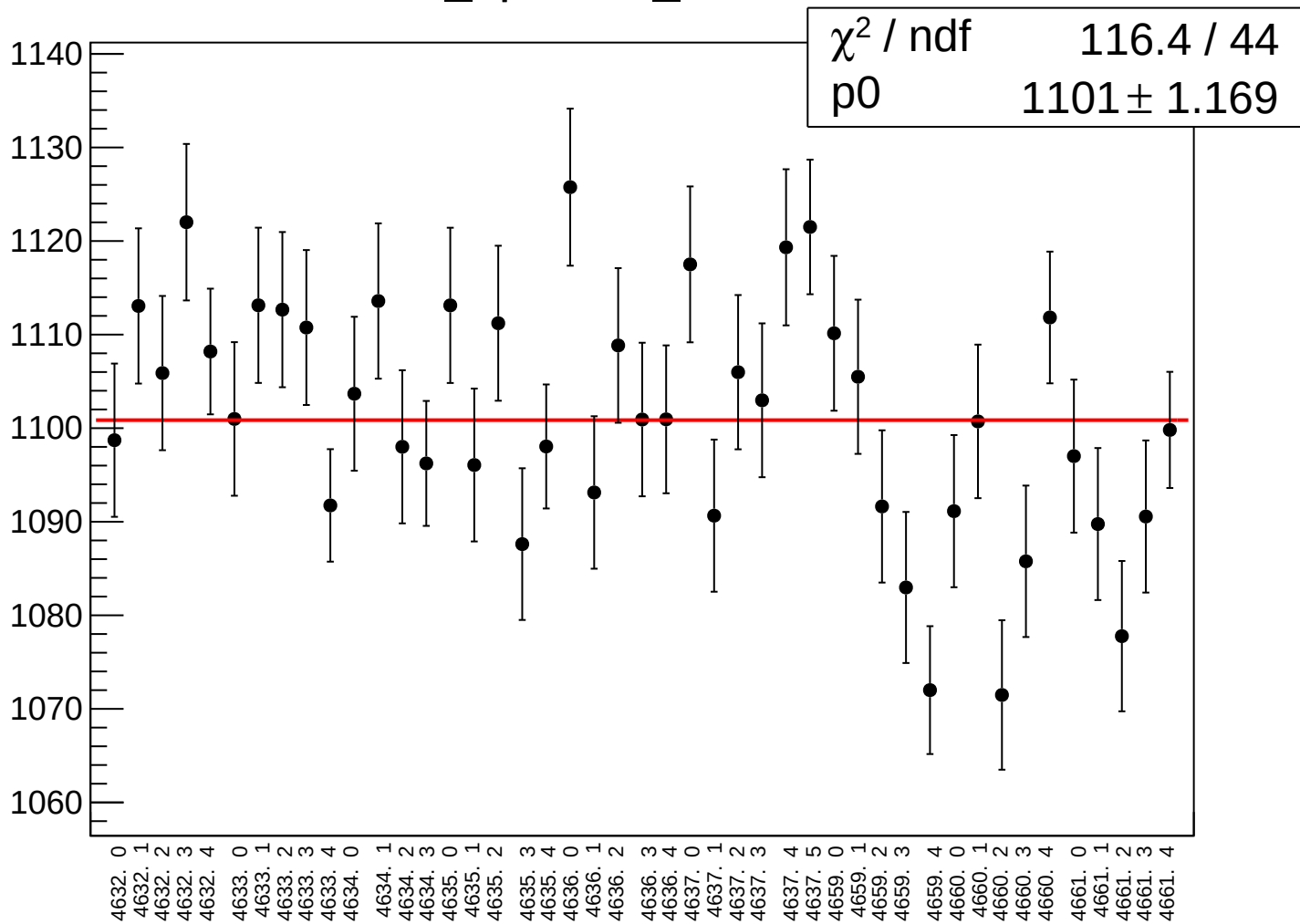
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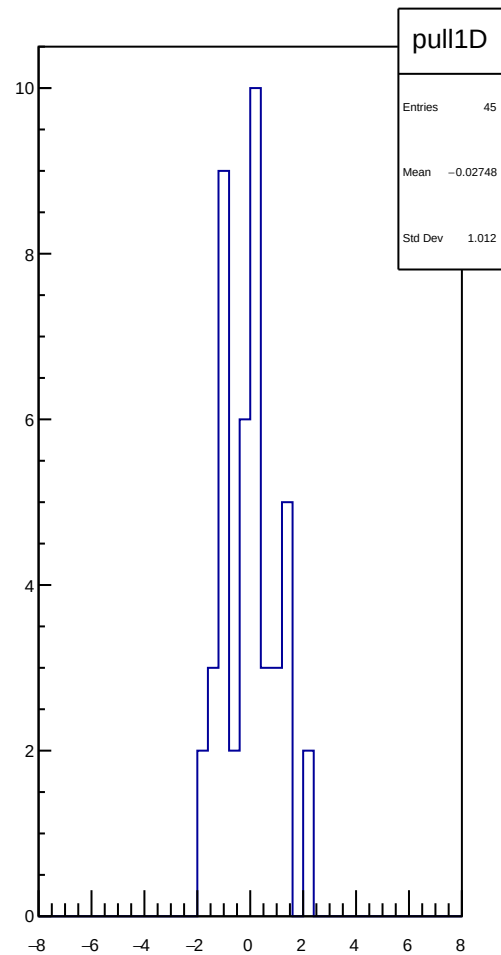
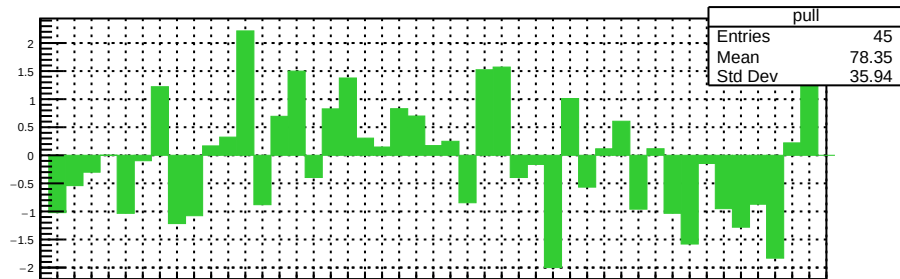
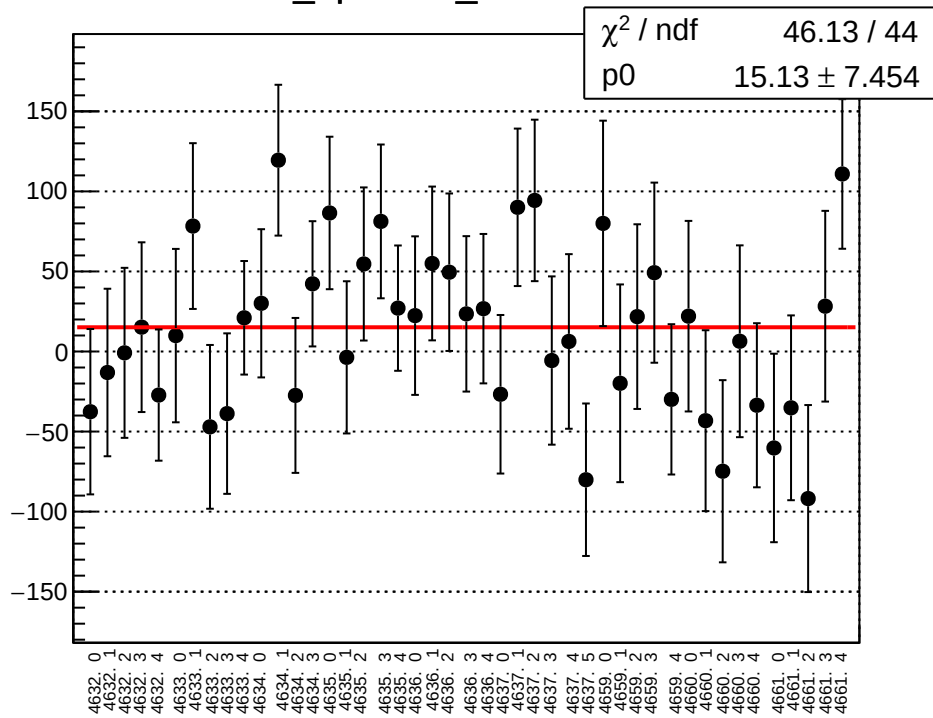
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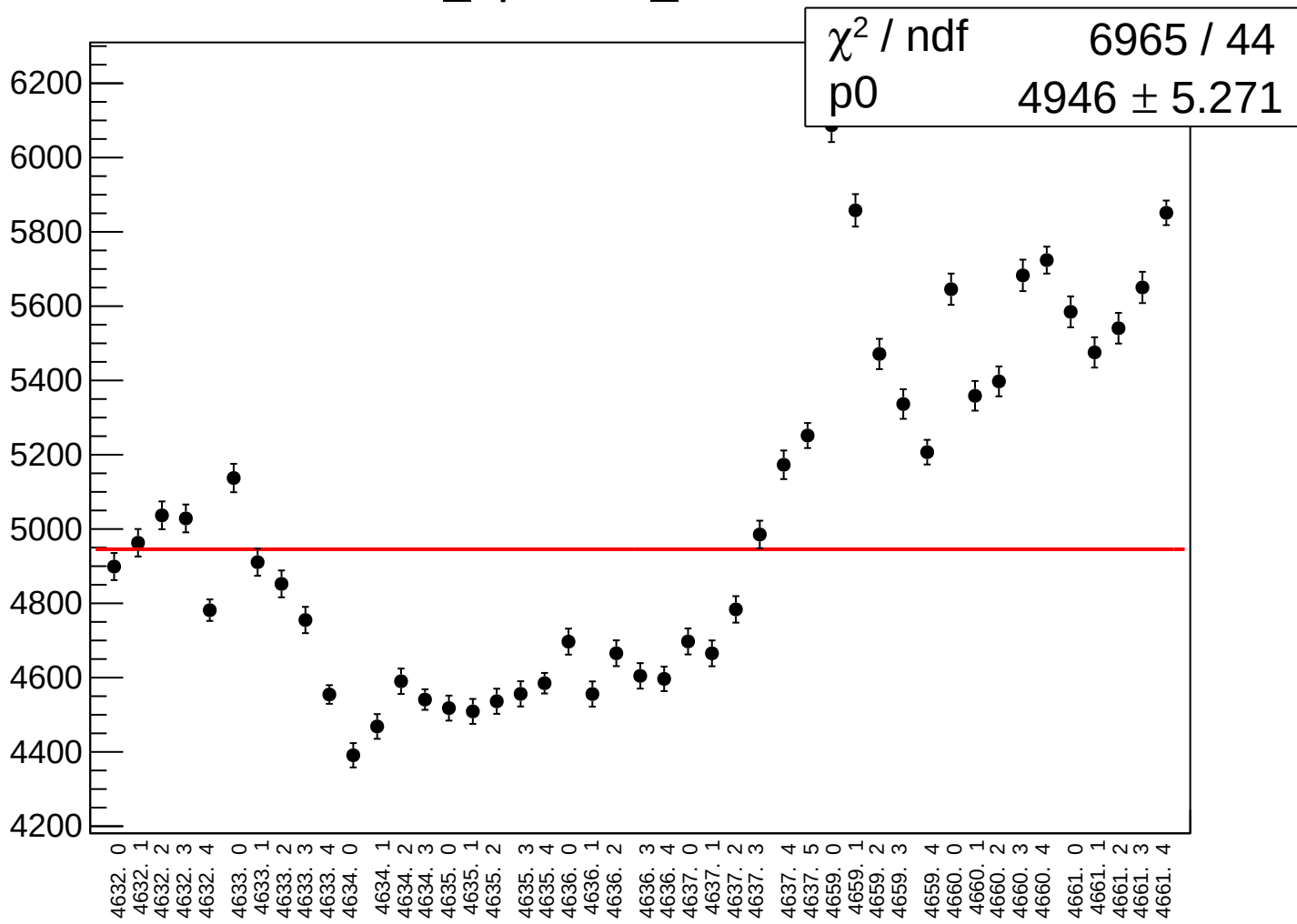
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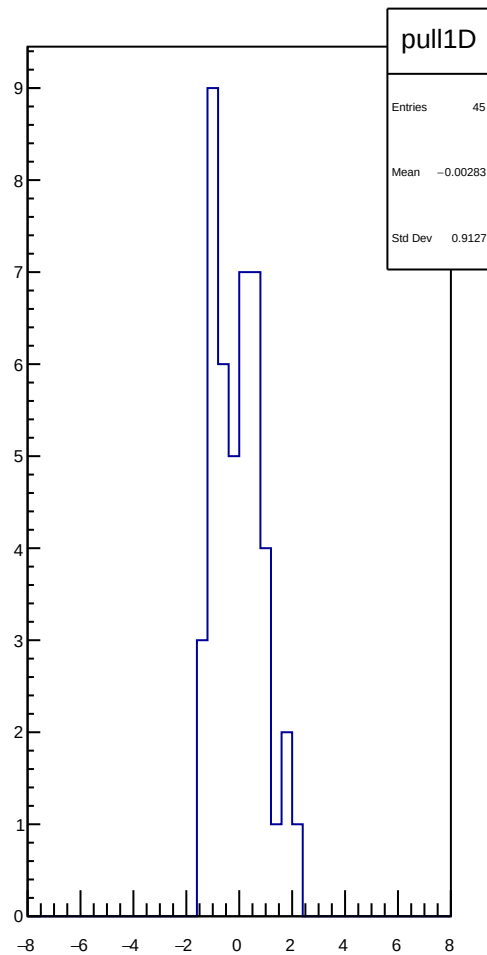
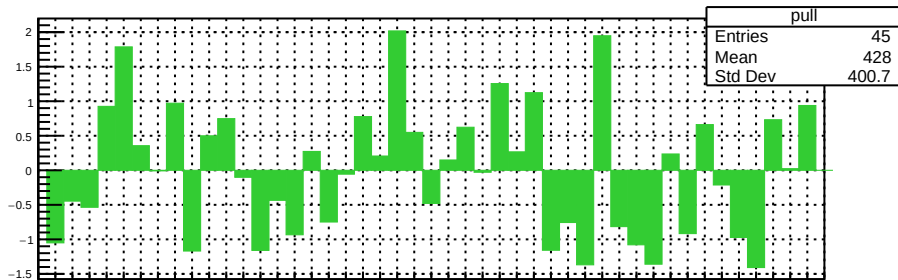
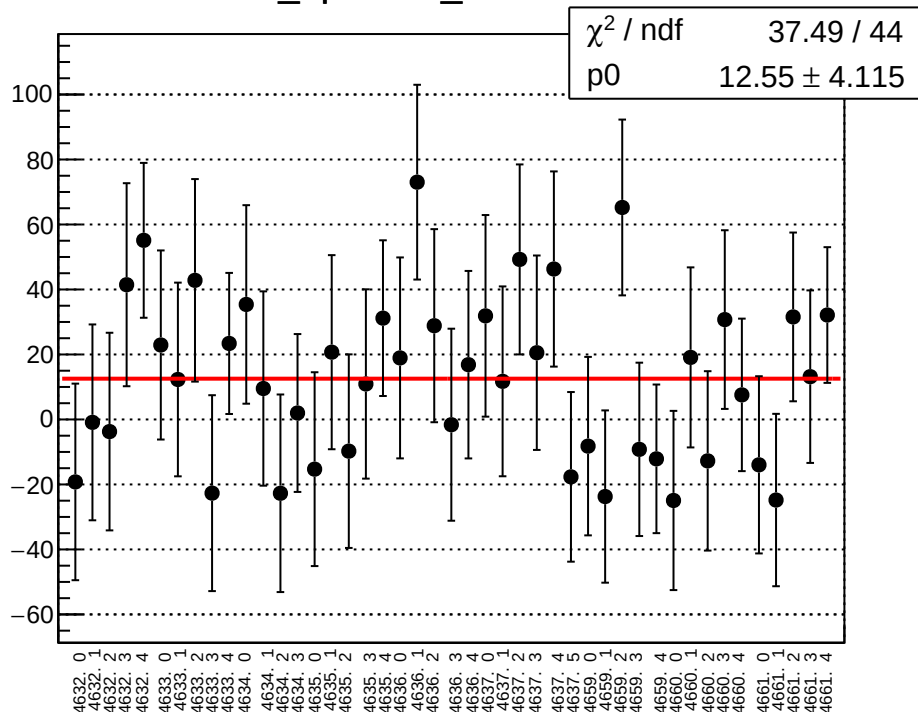
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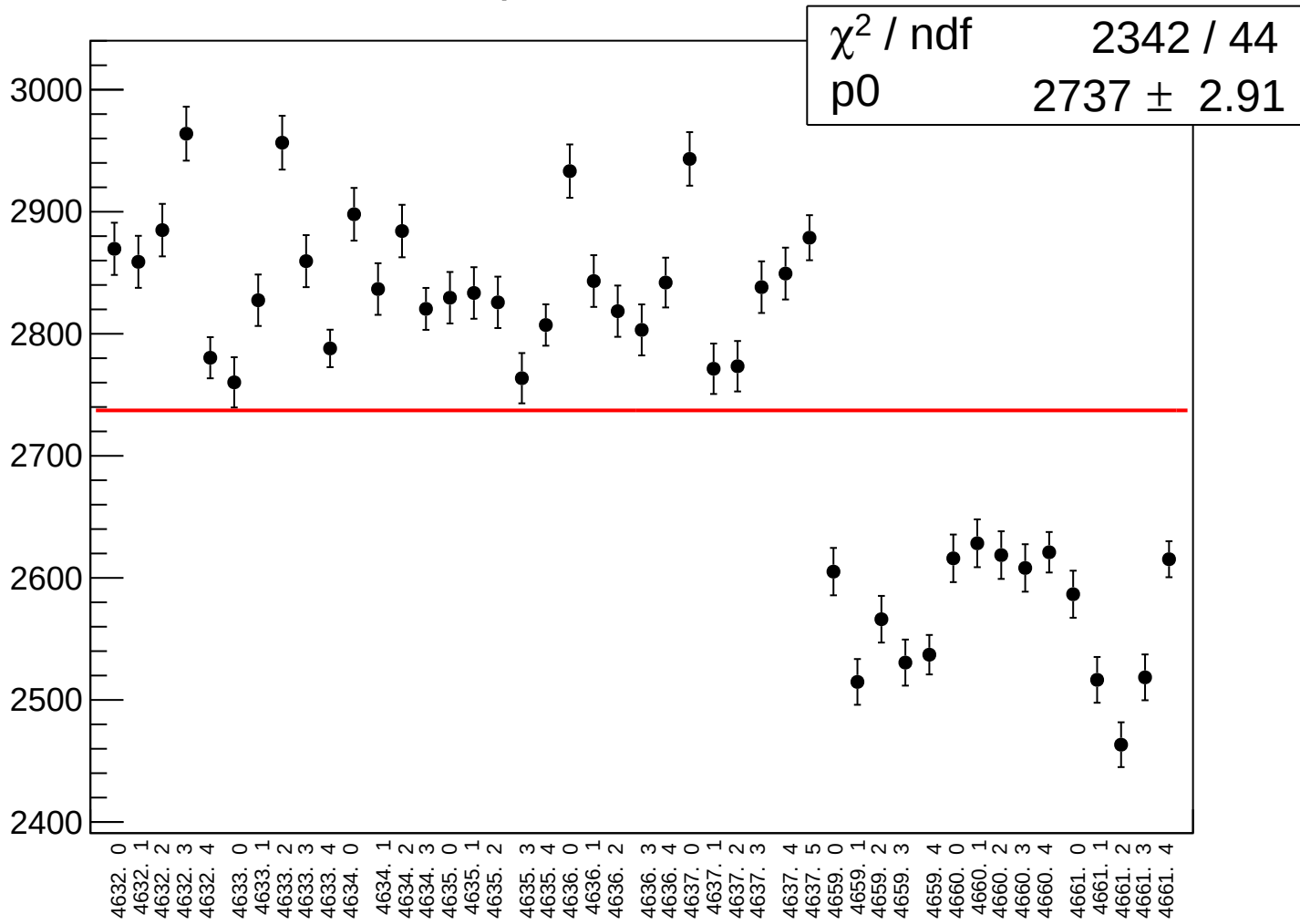
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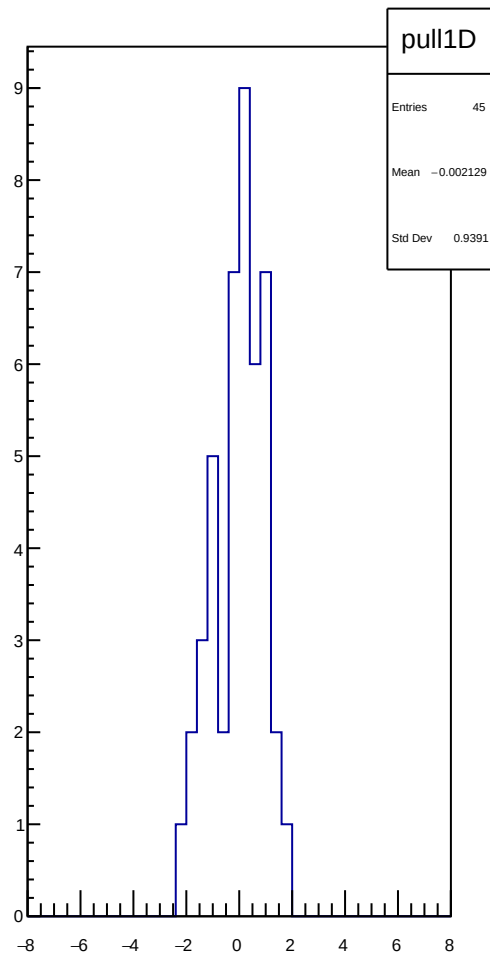
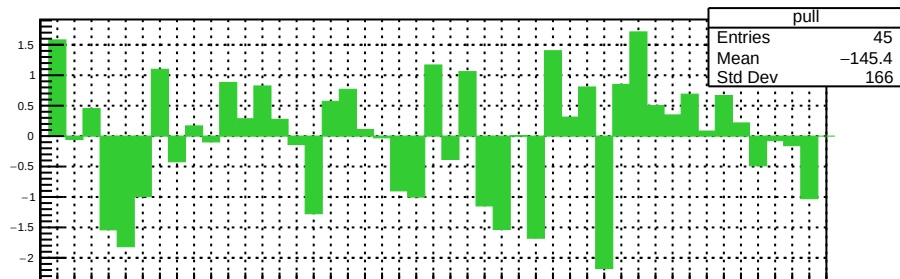
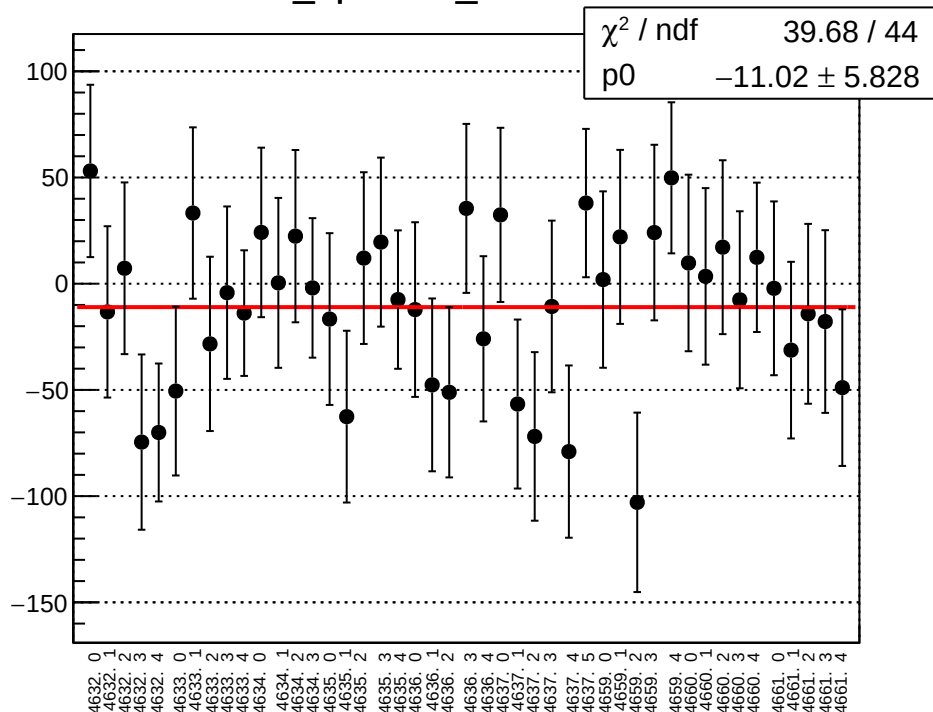
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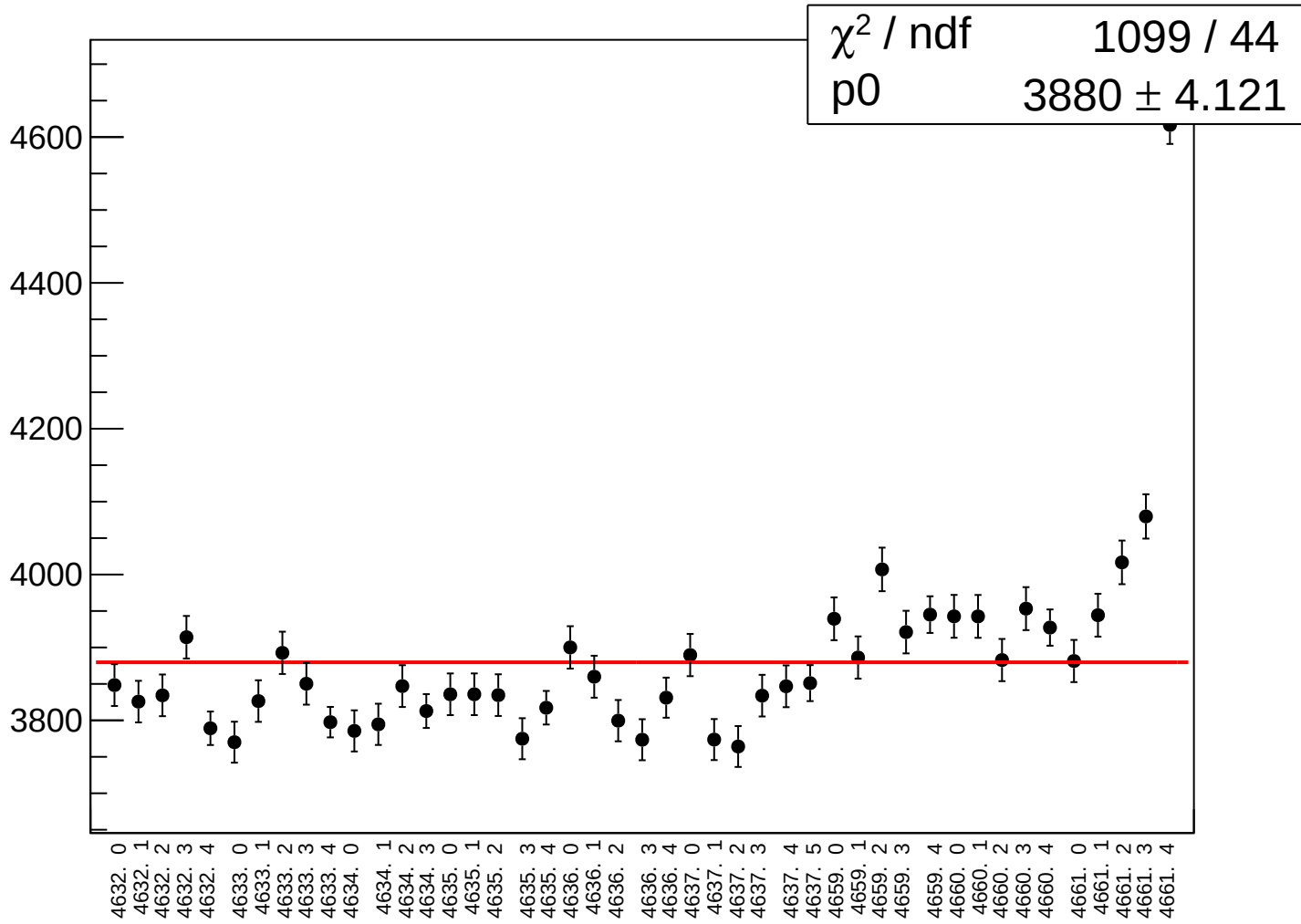
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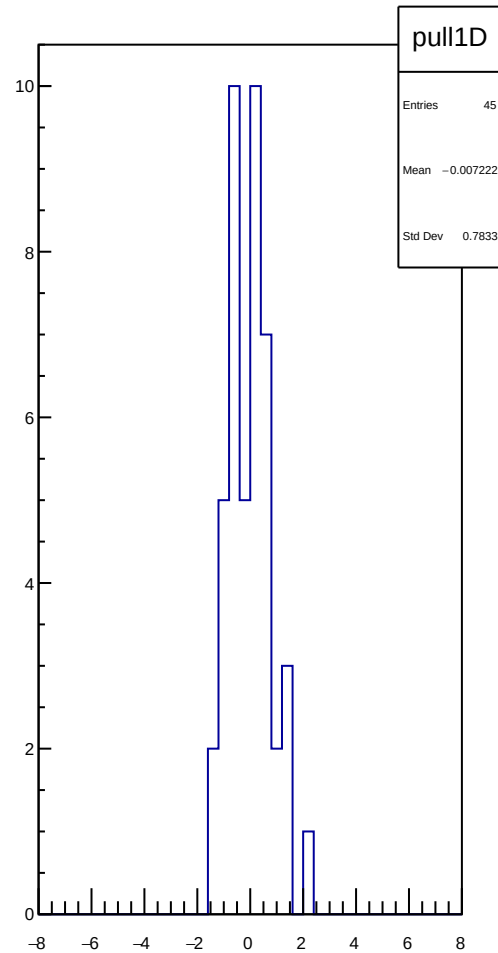
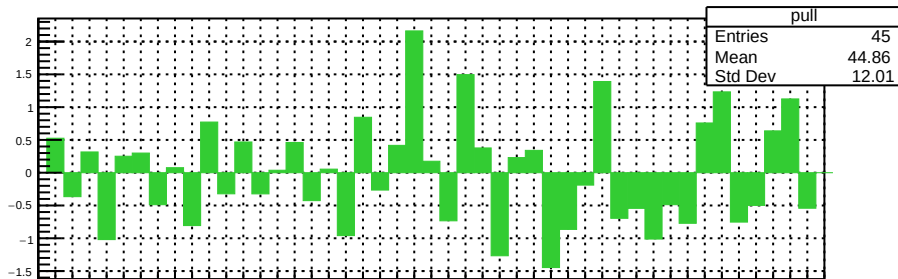
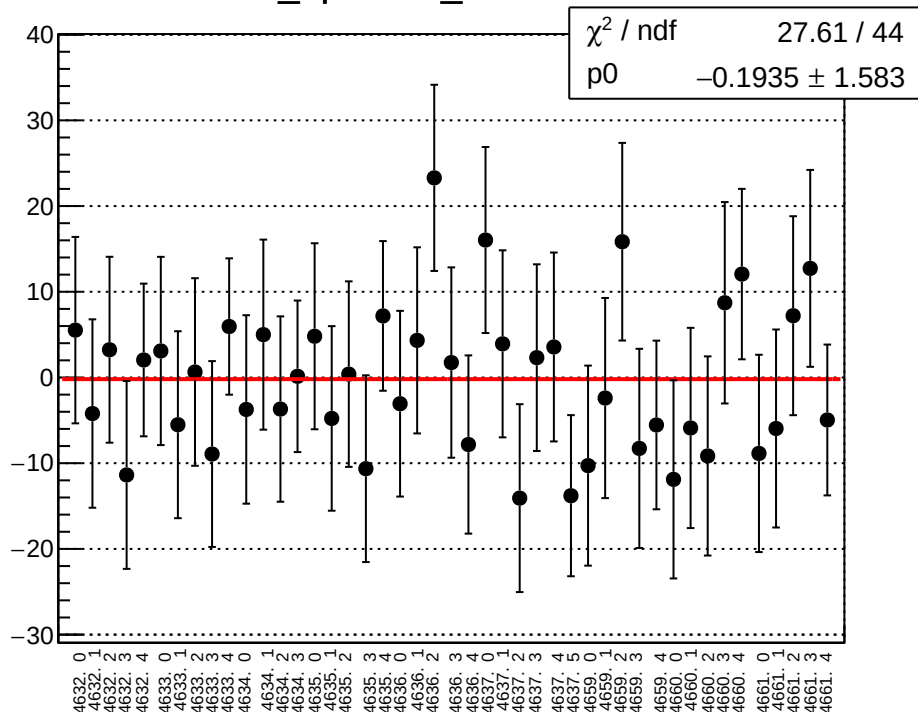
diff_bpm16X_mean vs run



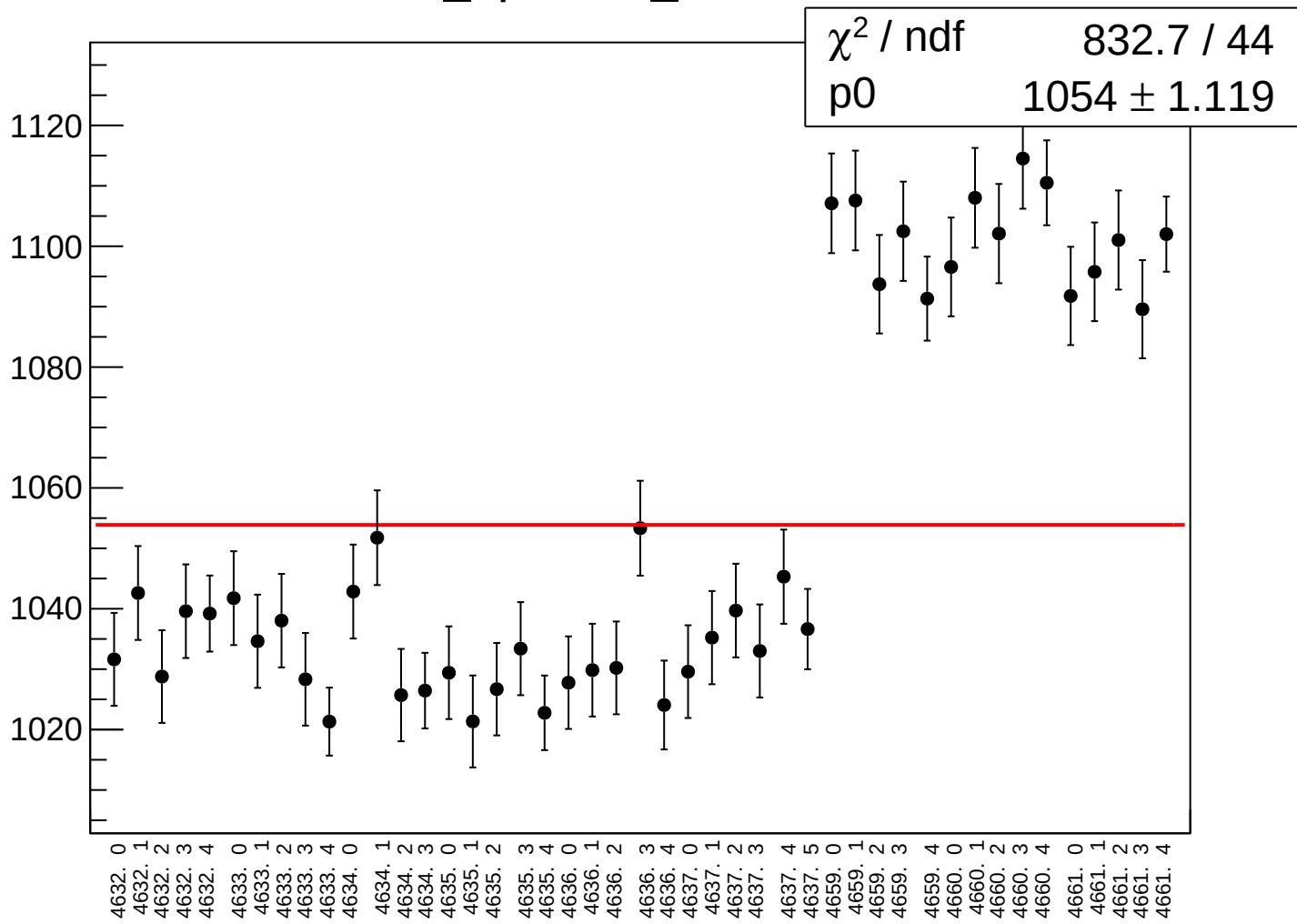
diff_bpm16X_rms vs run



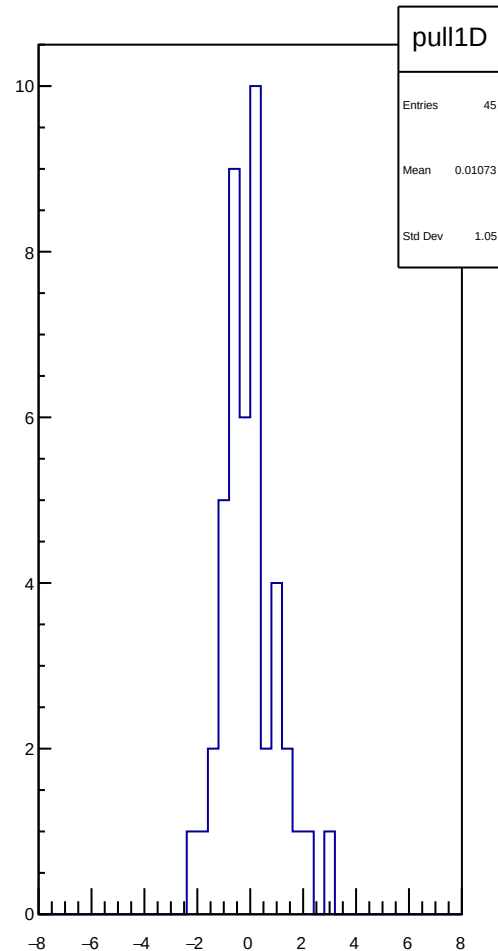
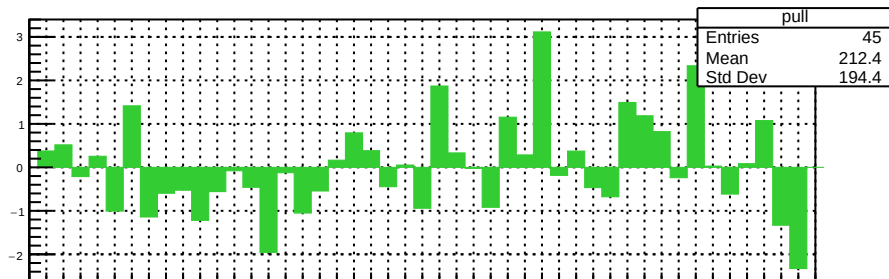
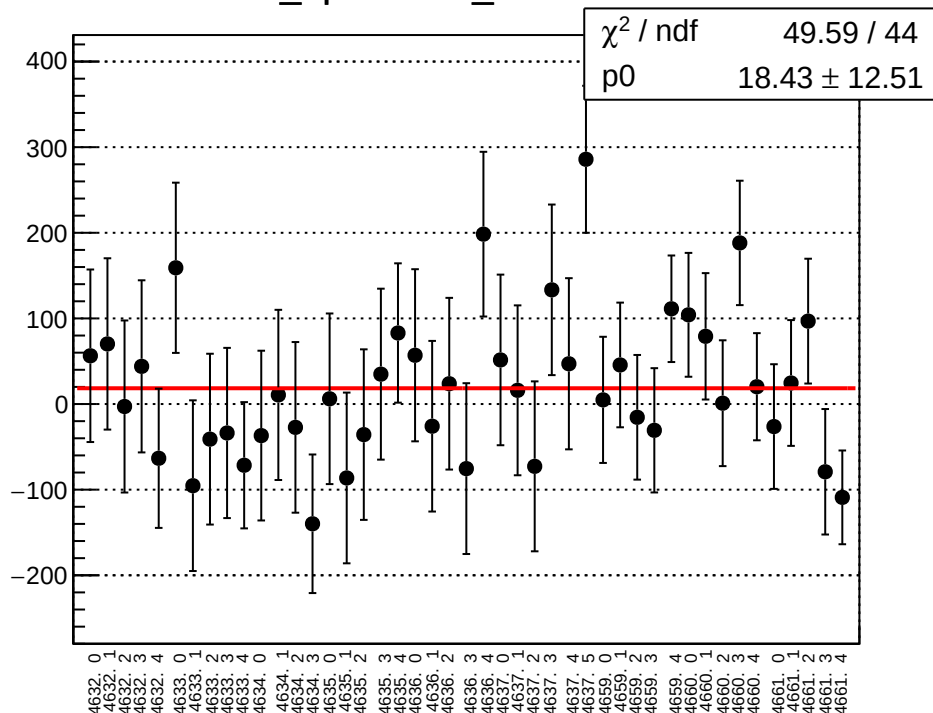
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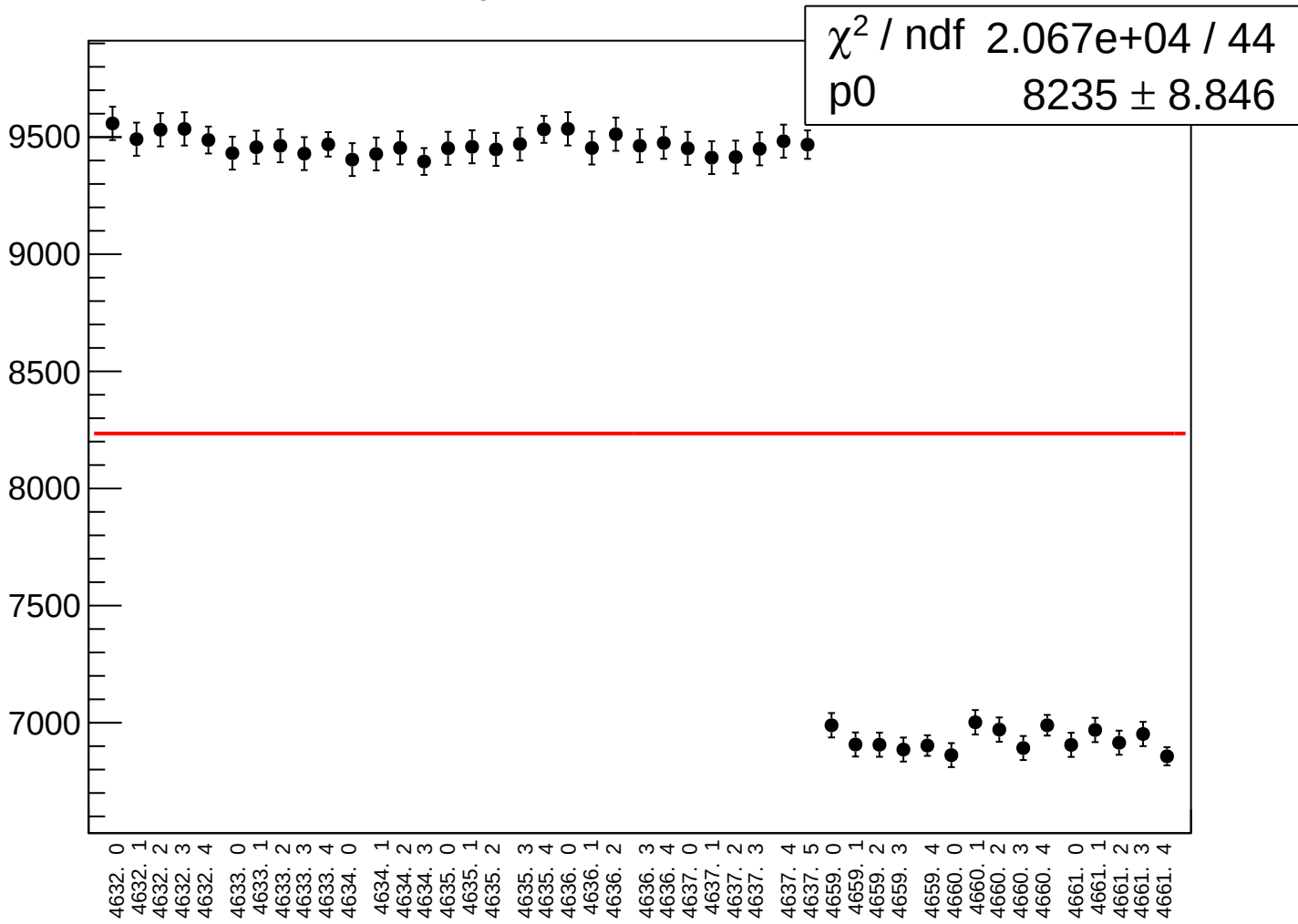
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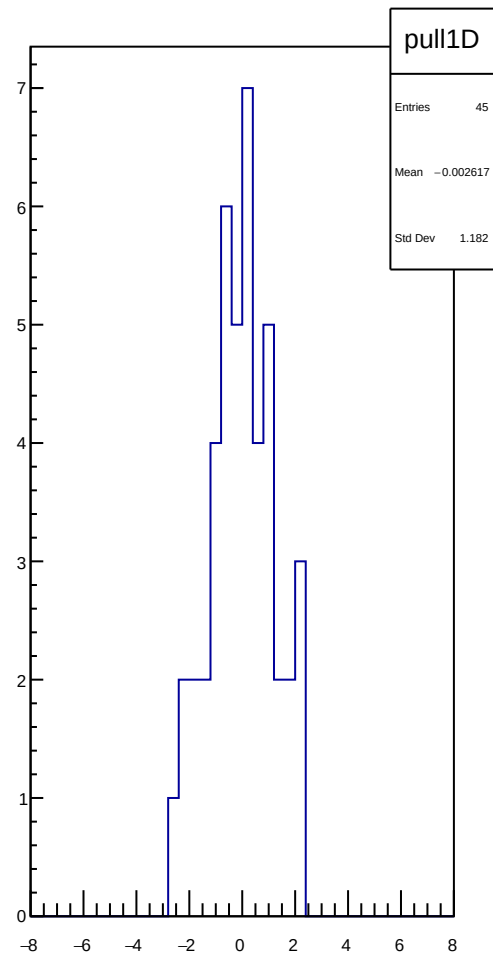
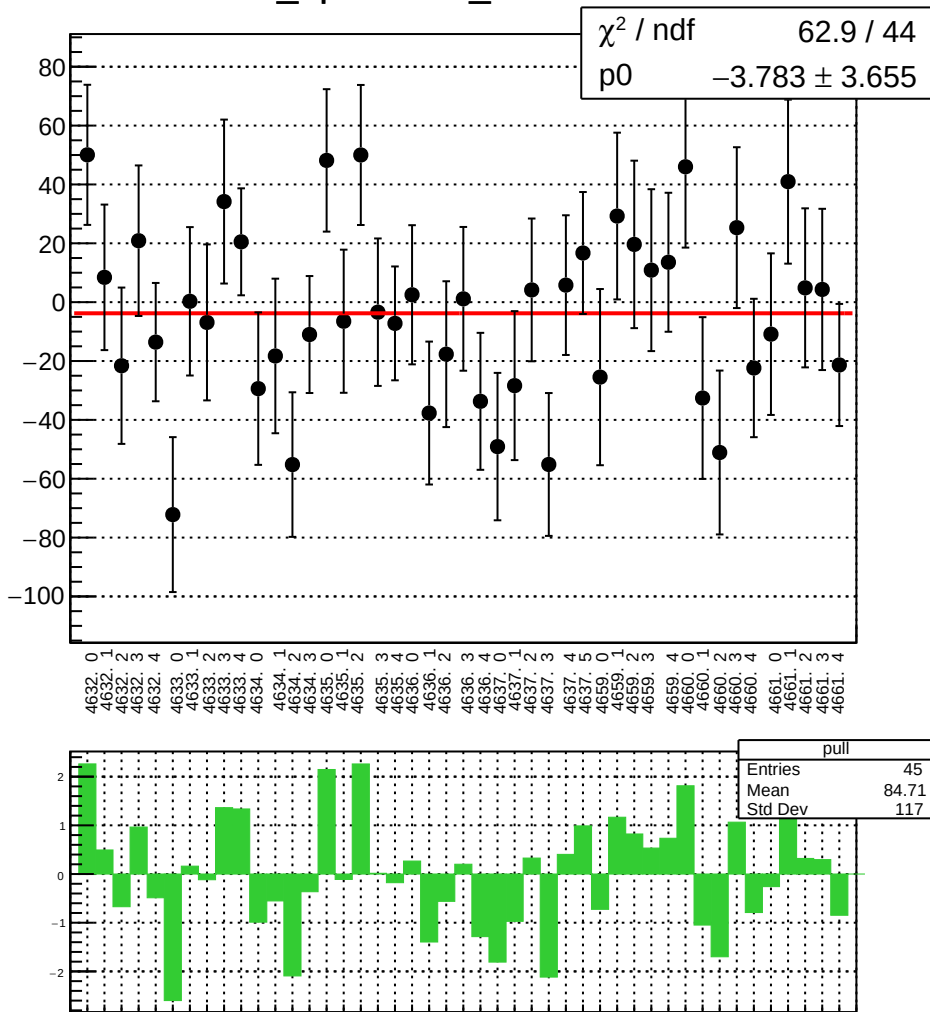
diff_bpm0I01X_mean vs run



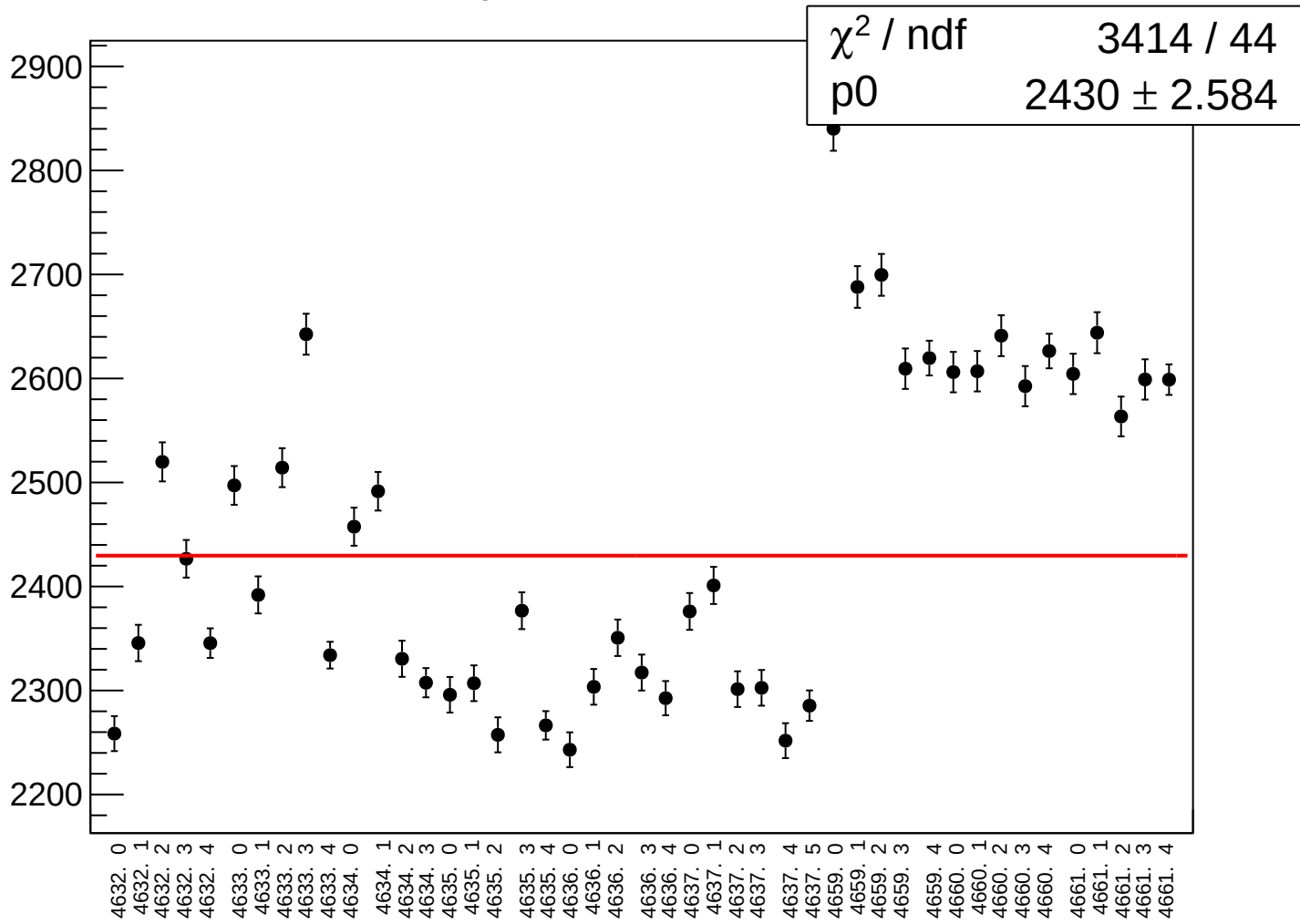
diff_bpm0l01X_rms vs run



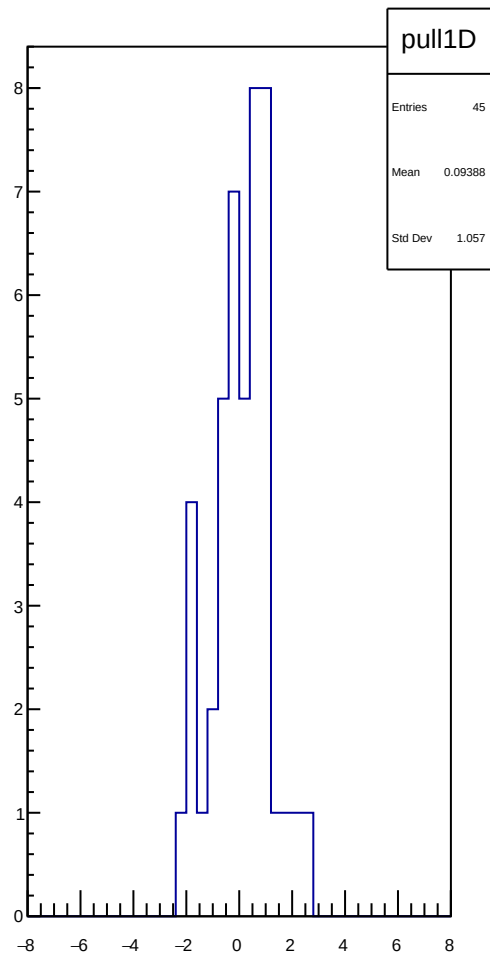
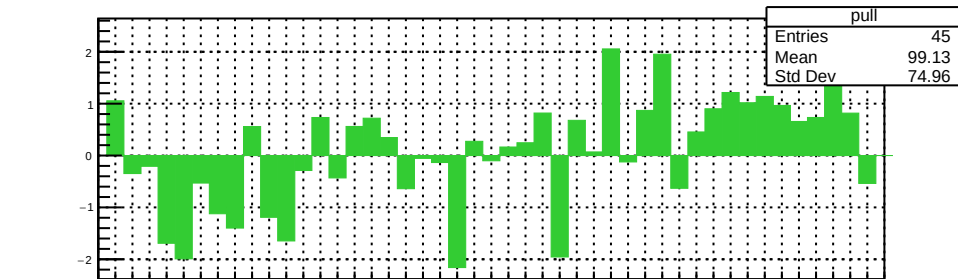
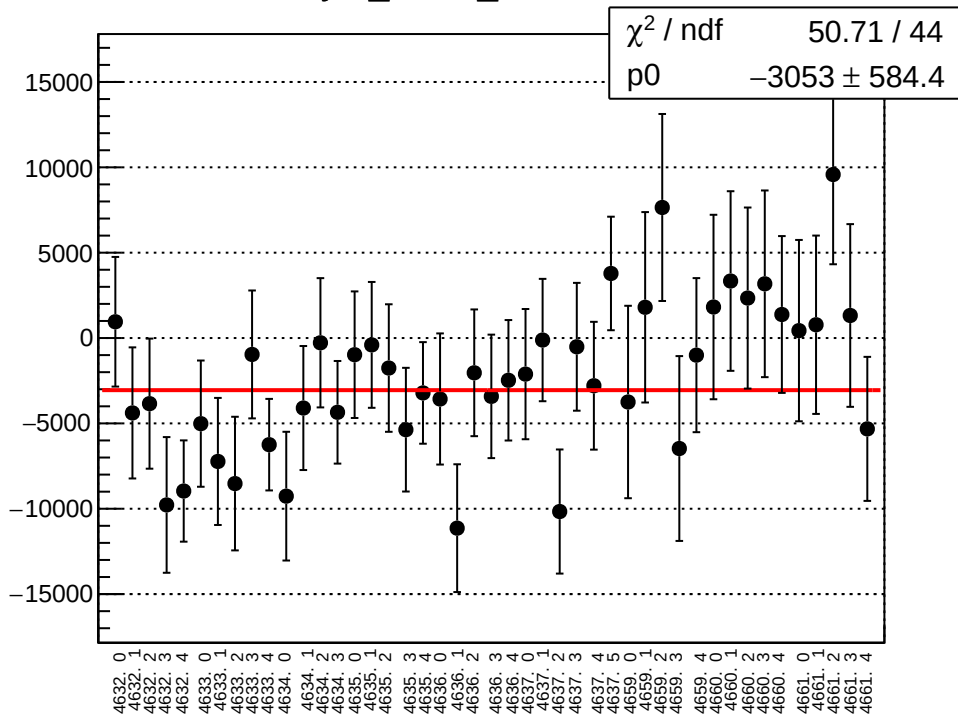
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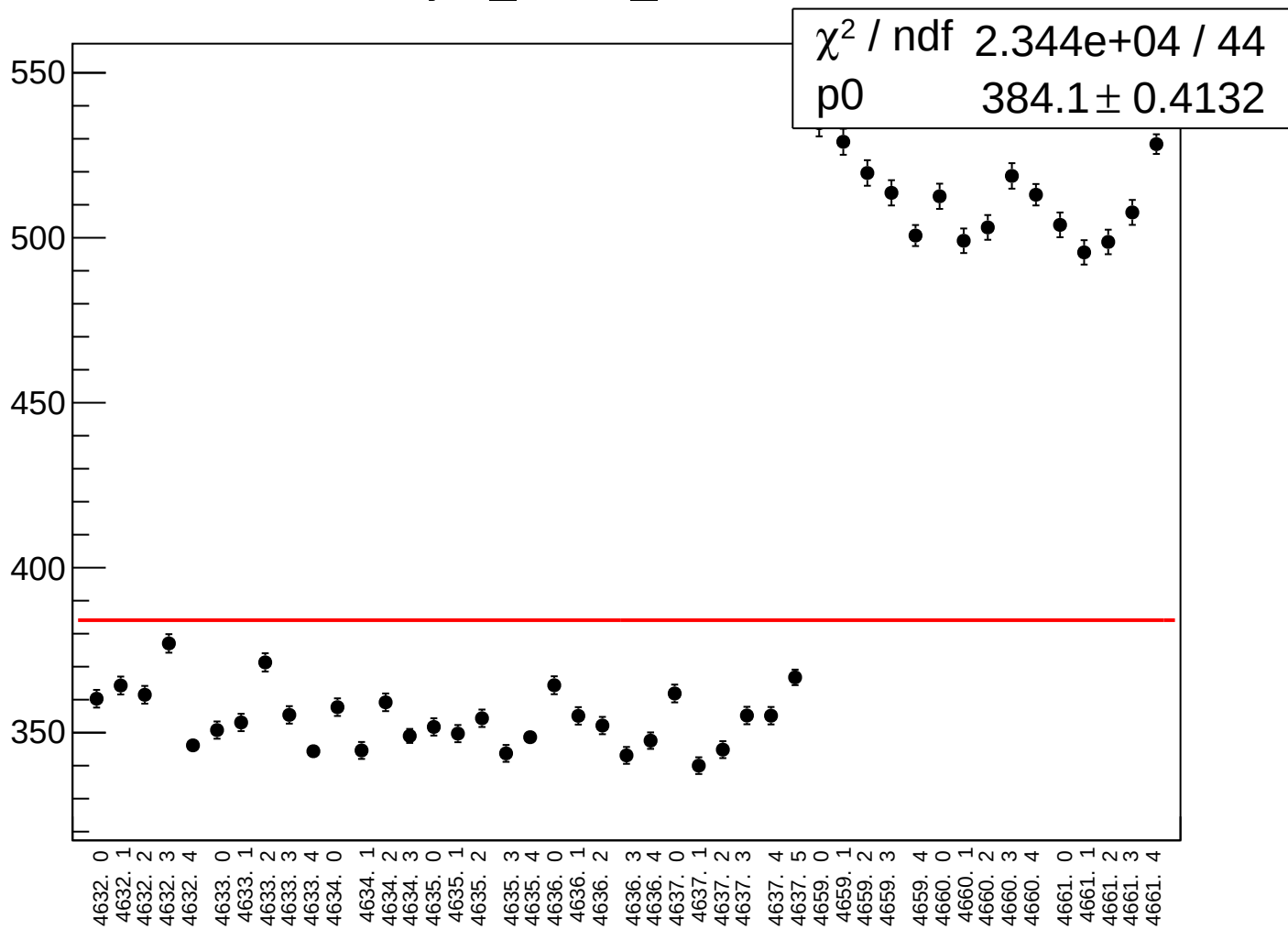
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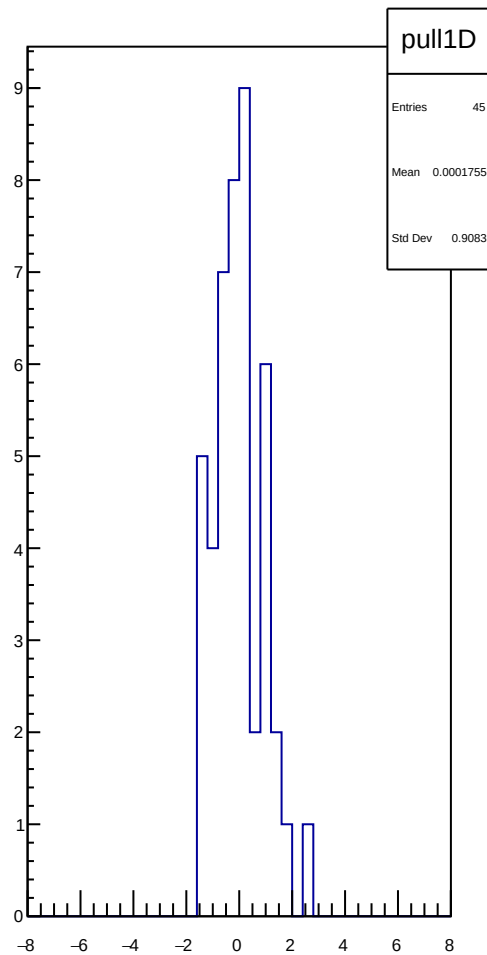
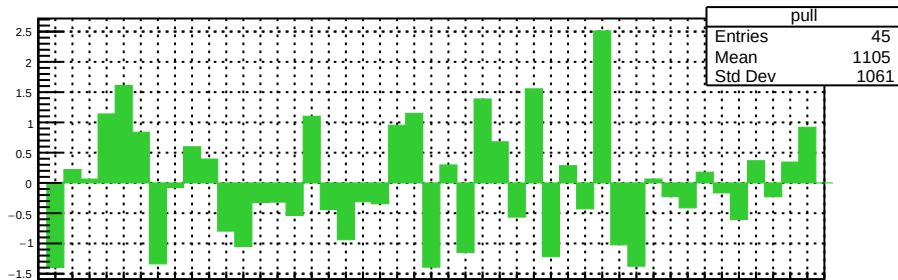
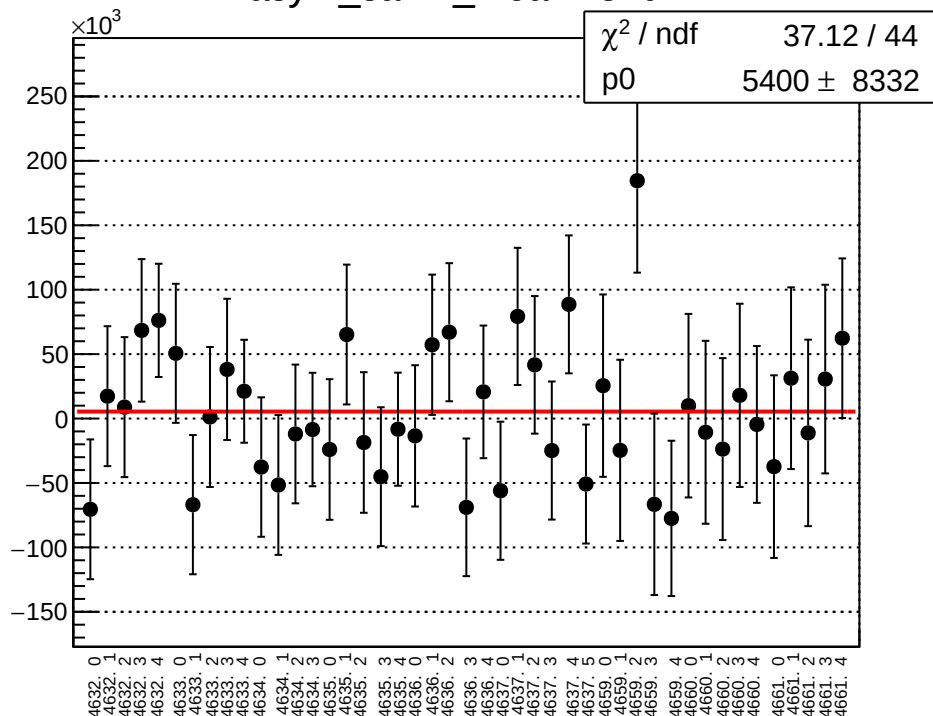
asym_sam1_mean vs run



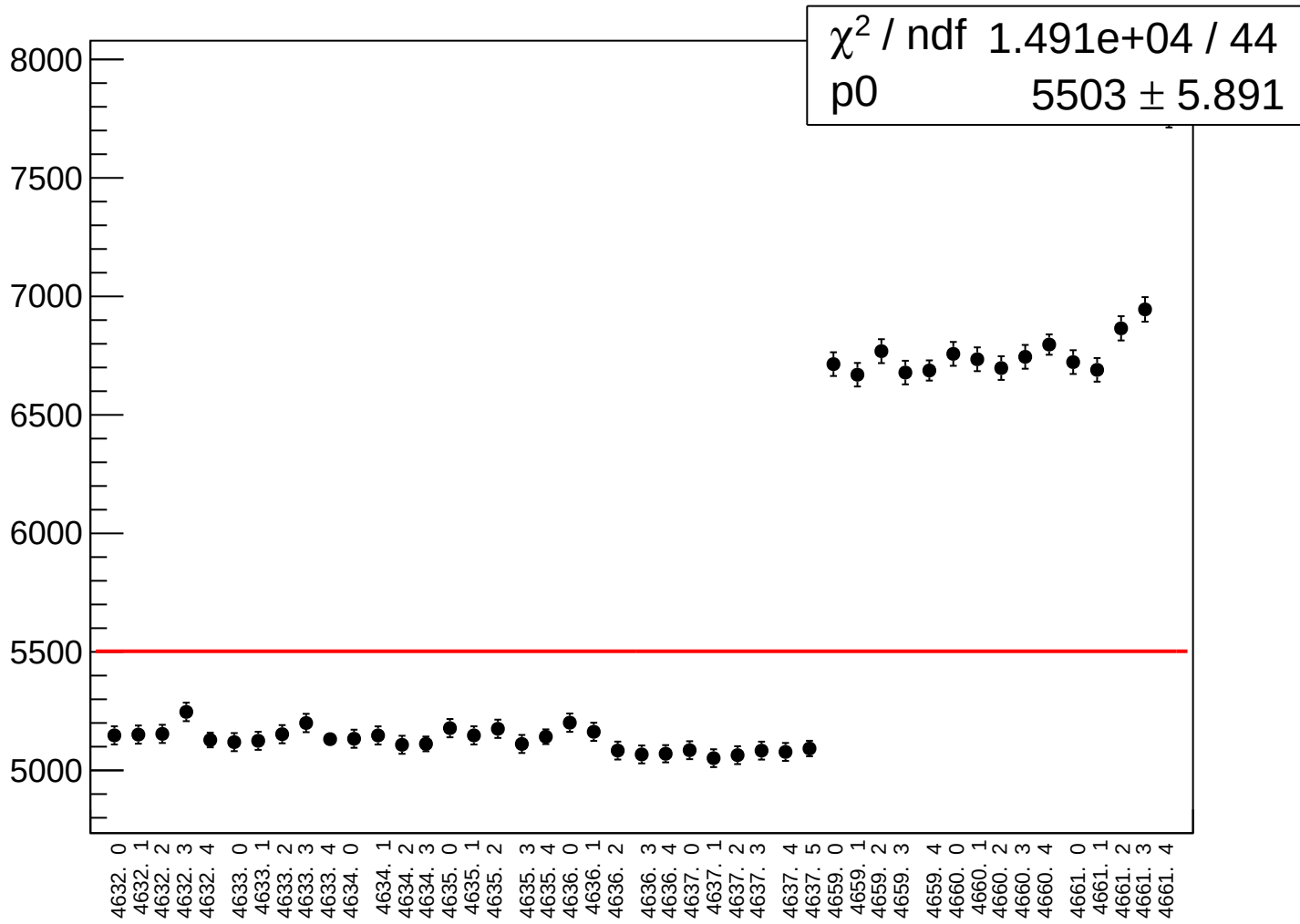
asym_sam1_rms vs run



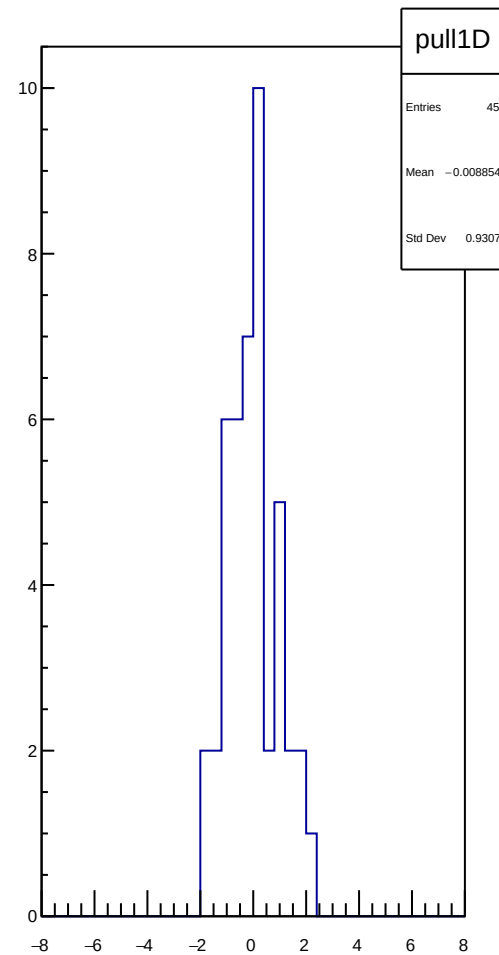
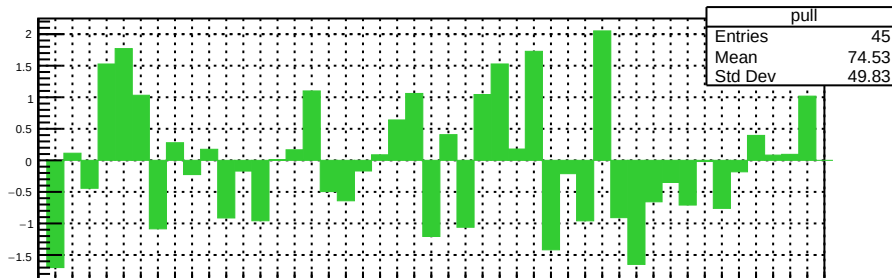
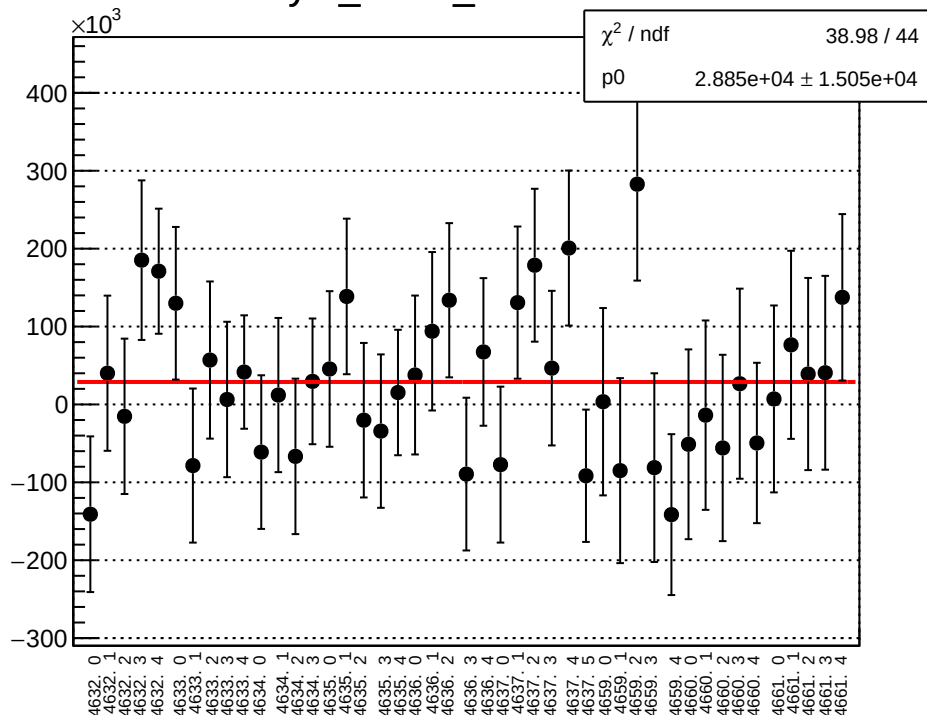
asym_sam2_mean vs run



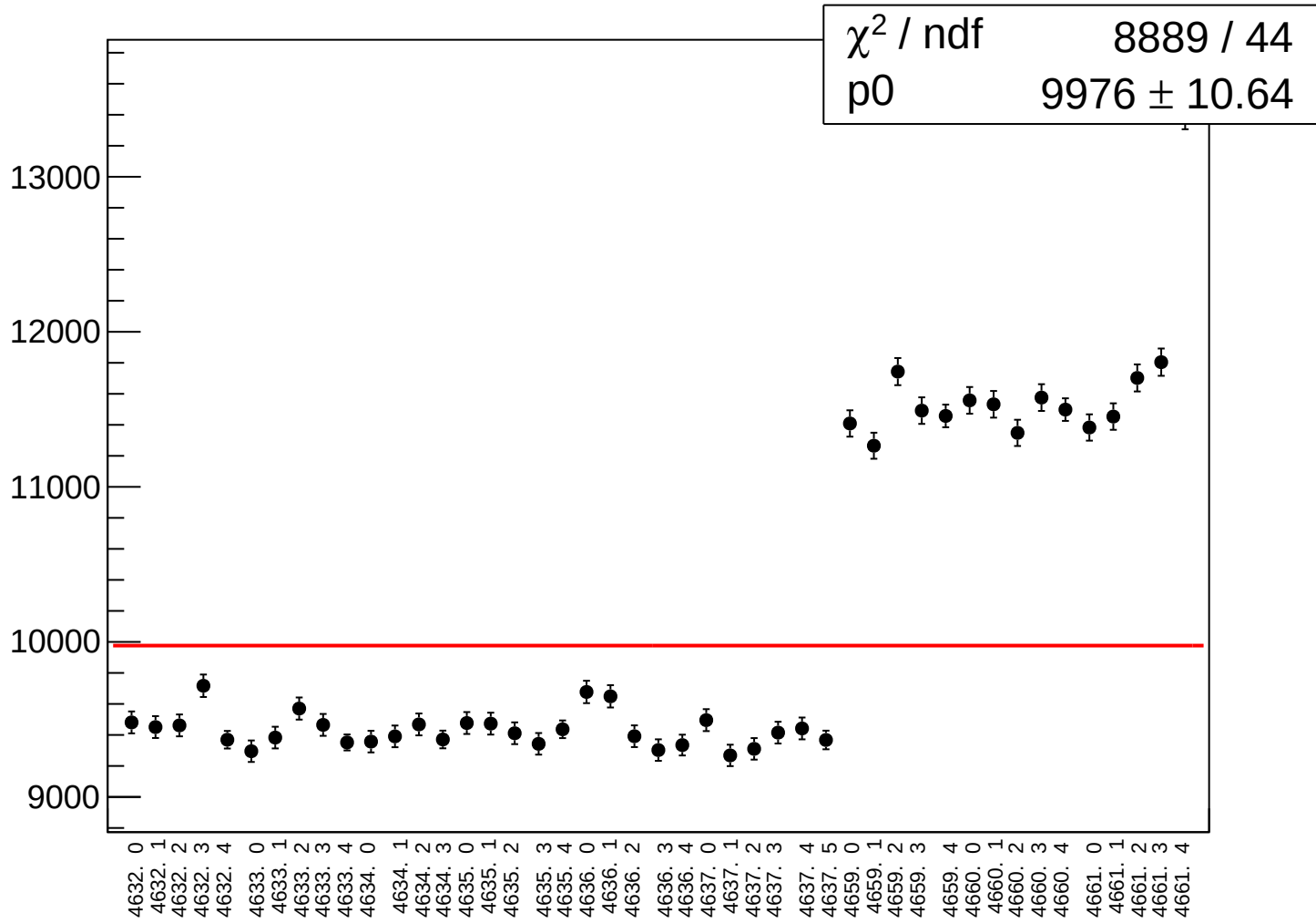
asym_sam2_rms vs run



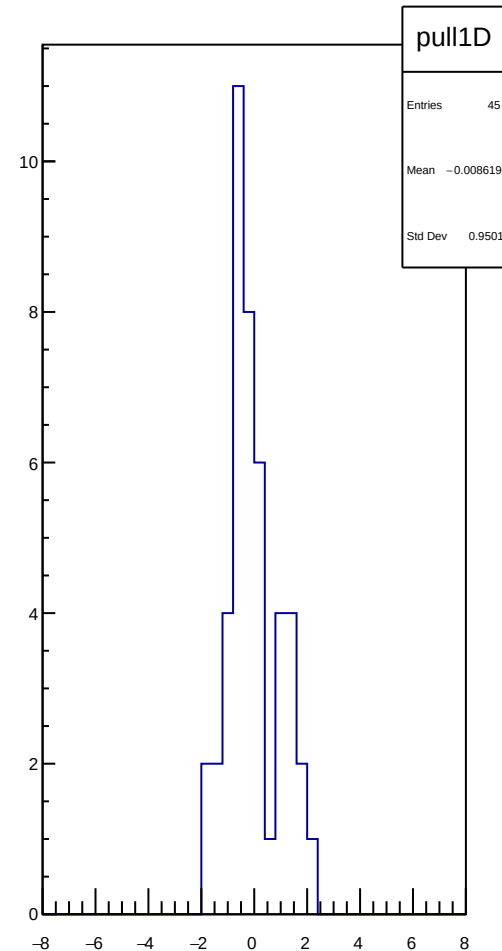
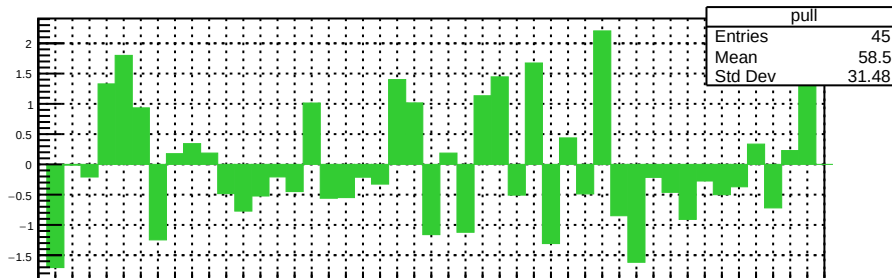
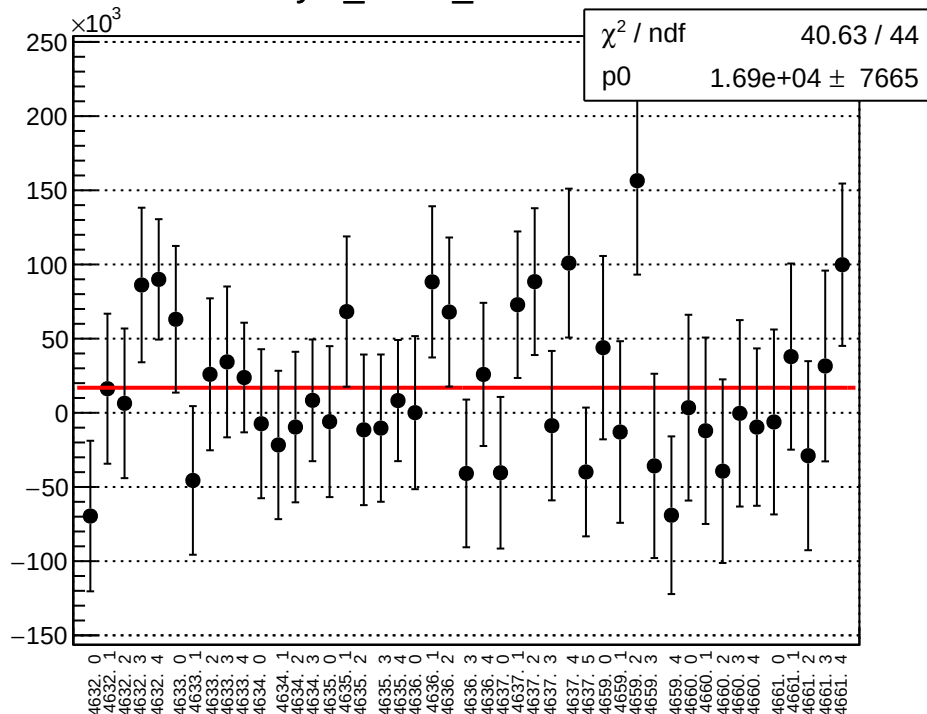
asym_sam3_mean vs run



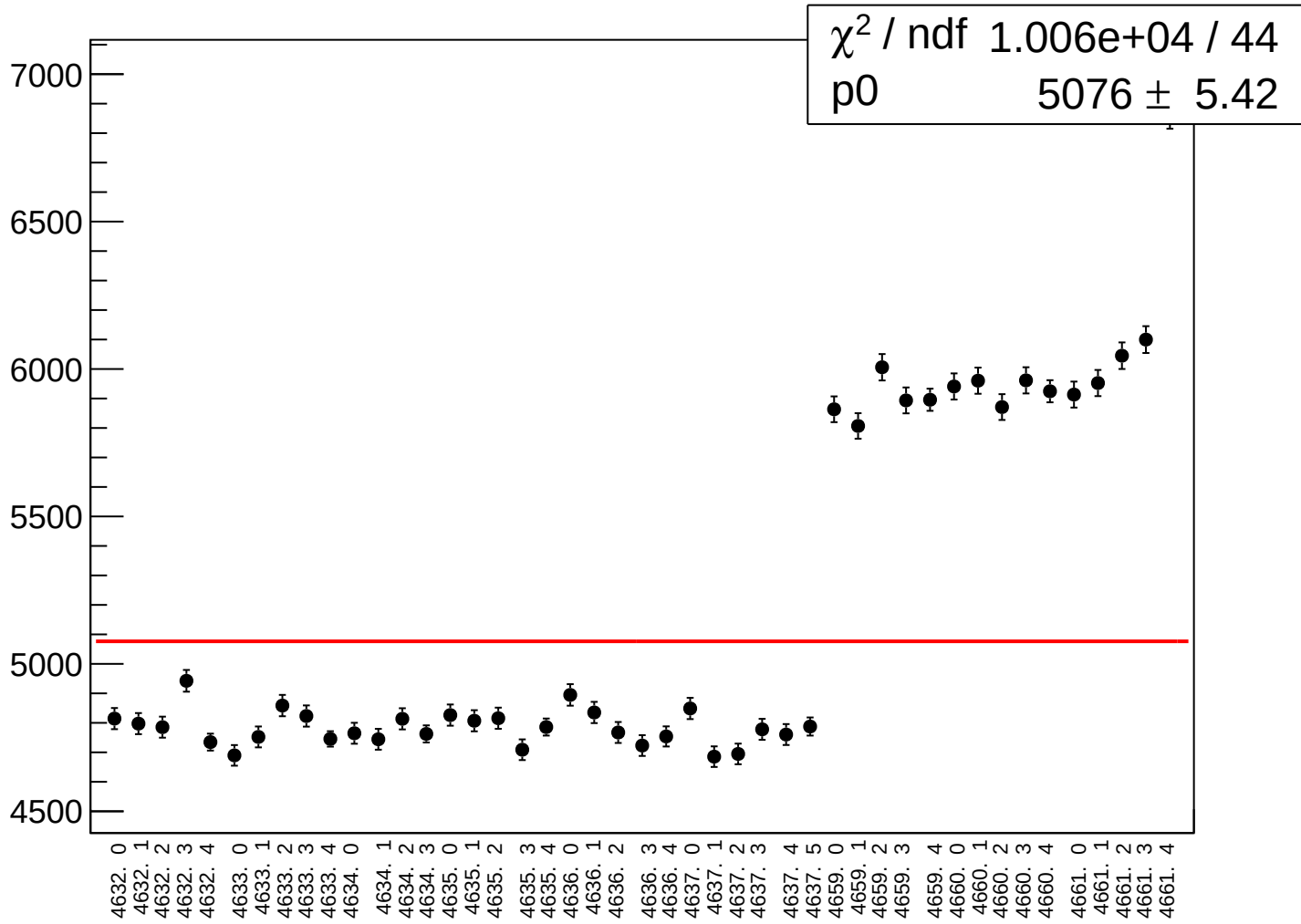
asym_sam3_rms vs run



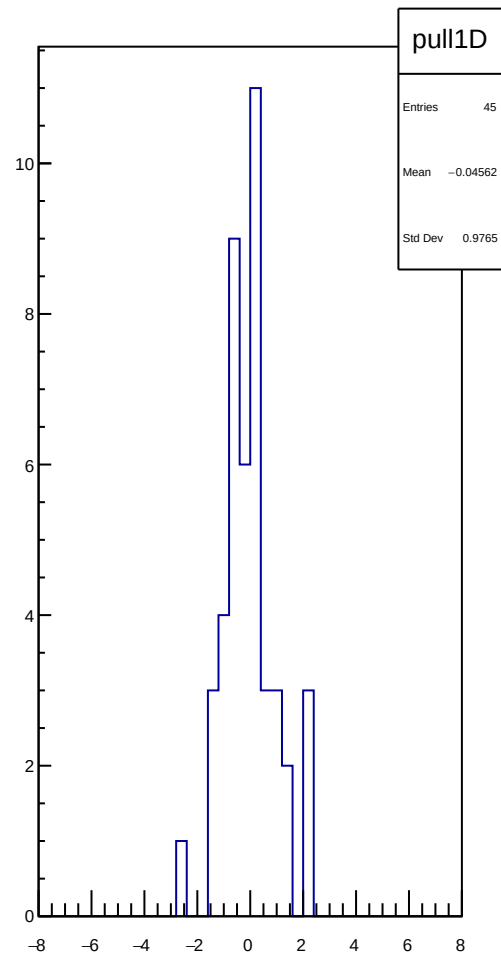
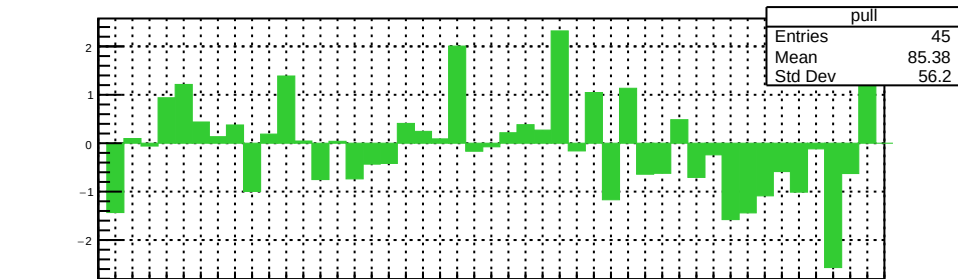
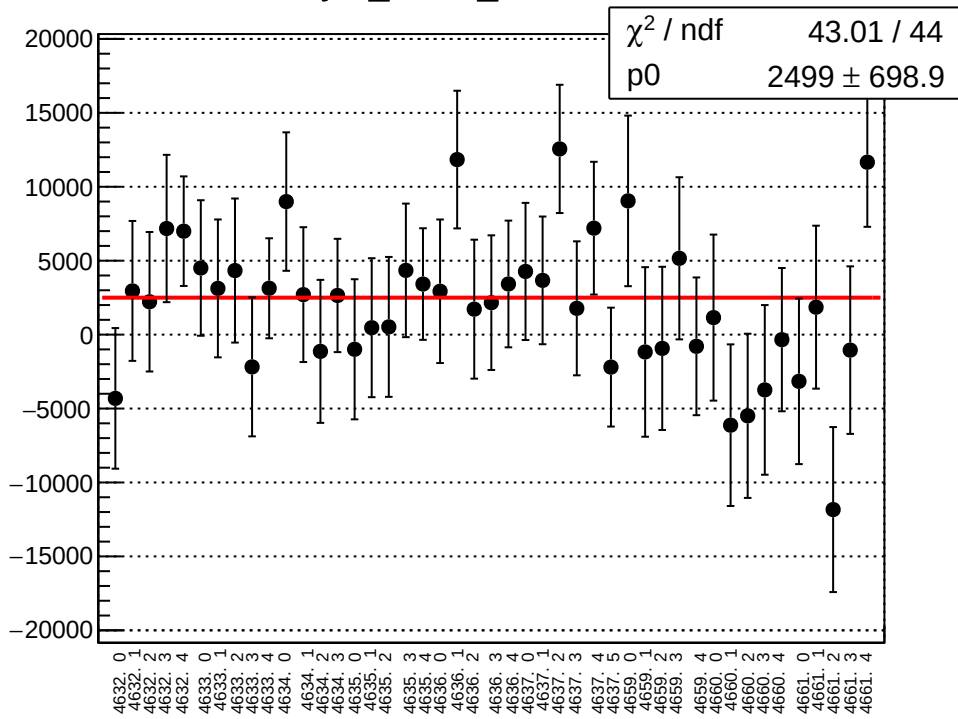
asym_sam4_mean vs run



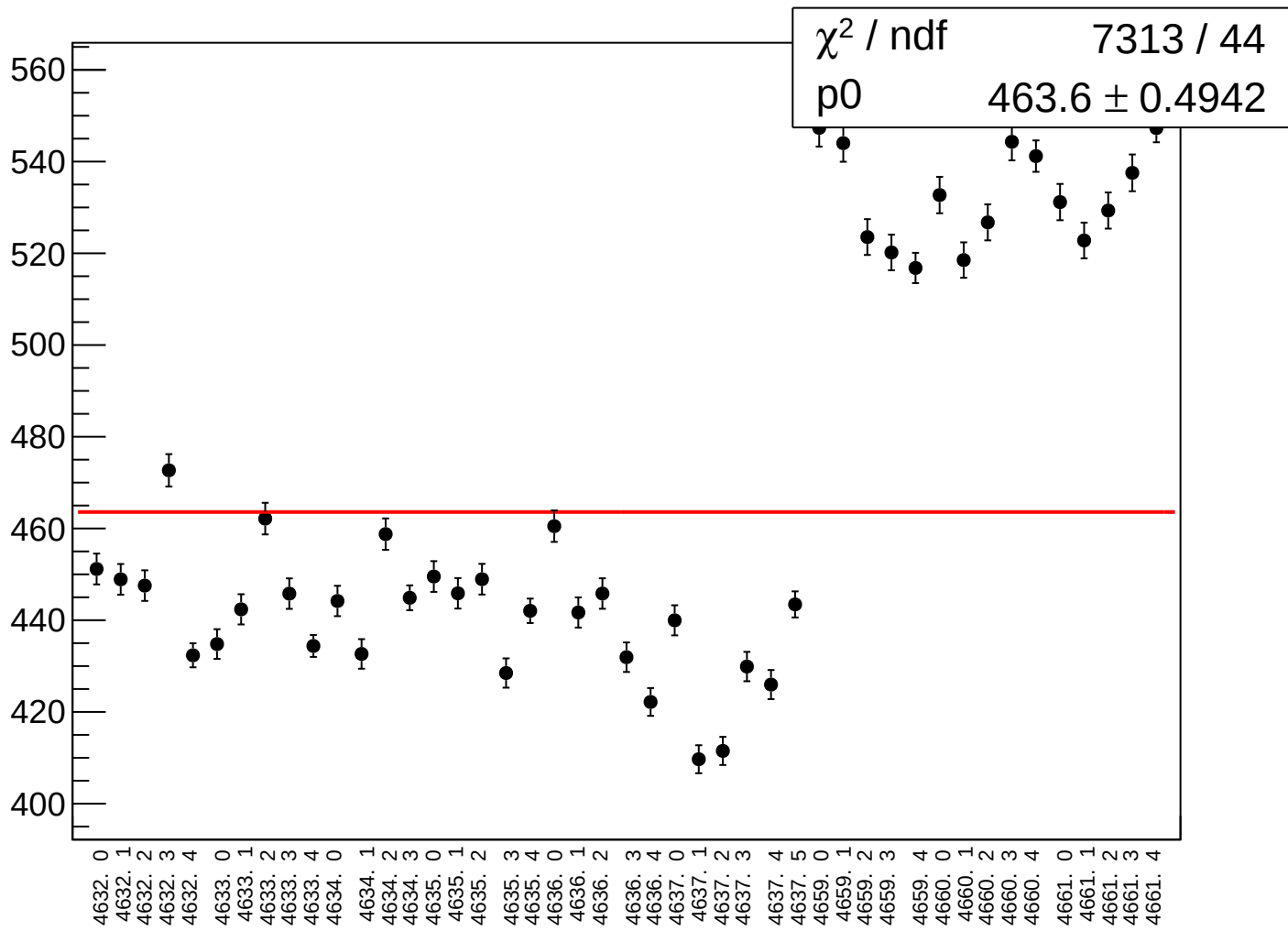
asym_sam4_rms vs run



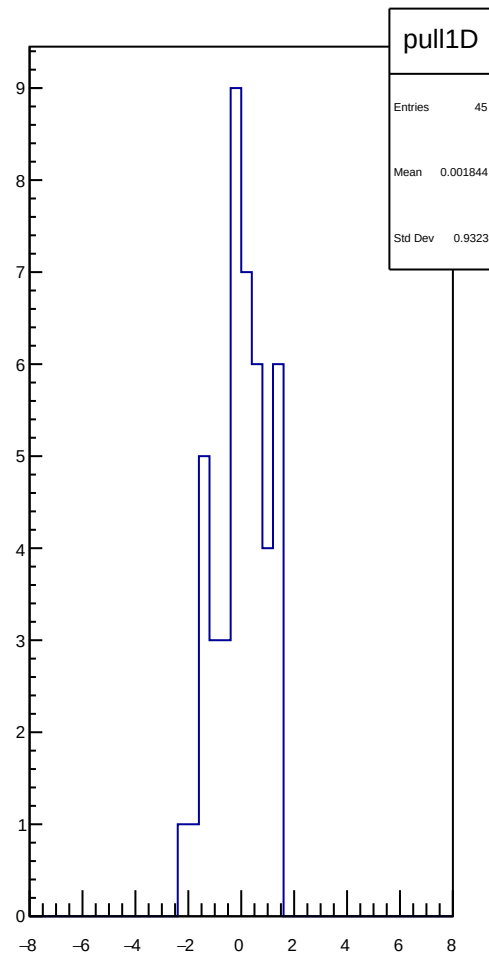
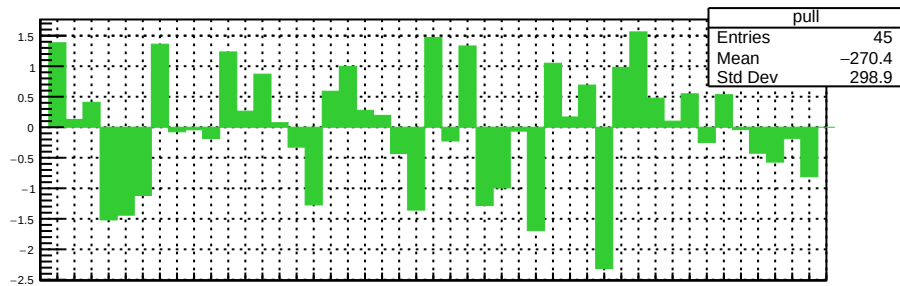
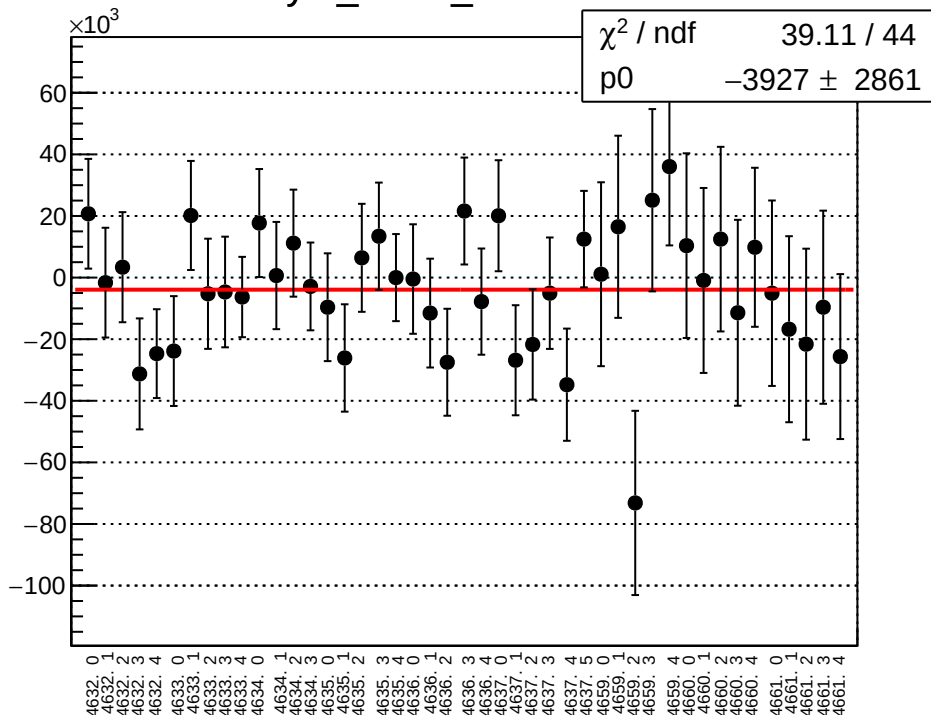
asym_sam5_mean vs run



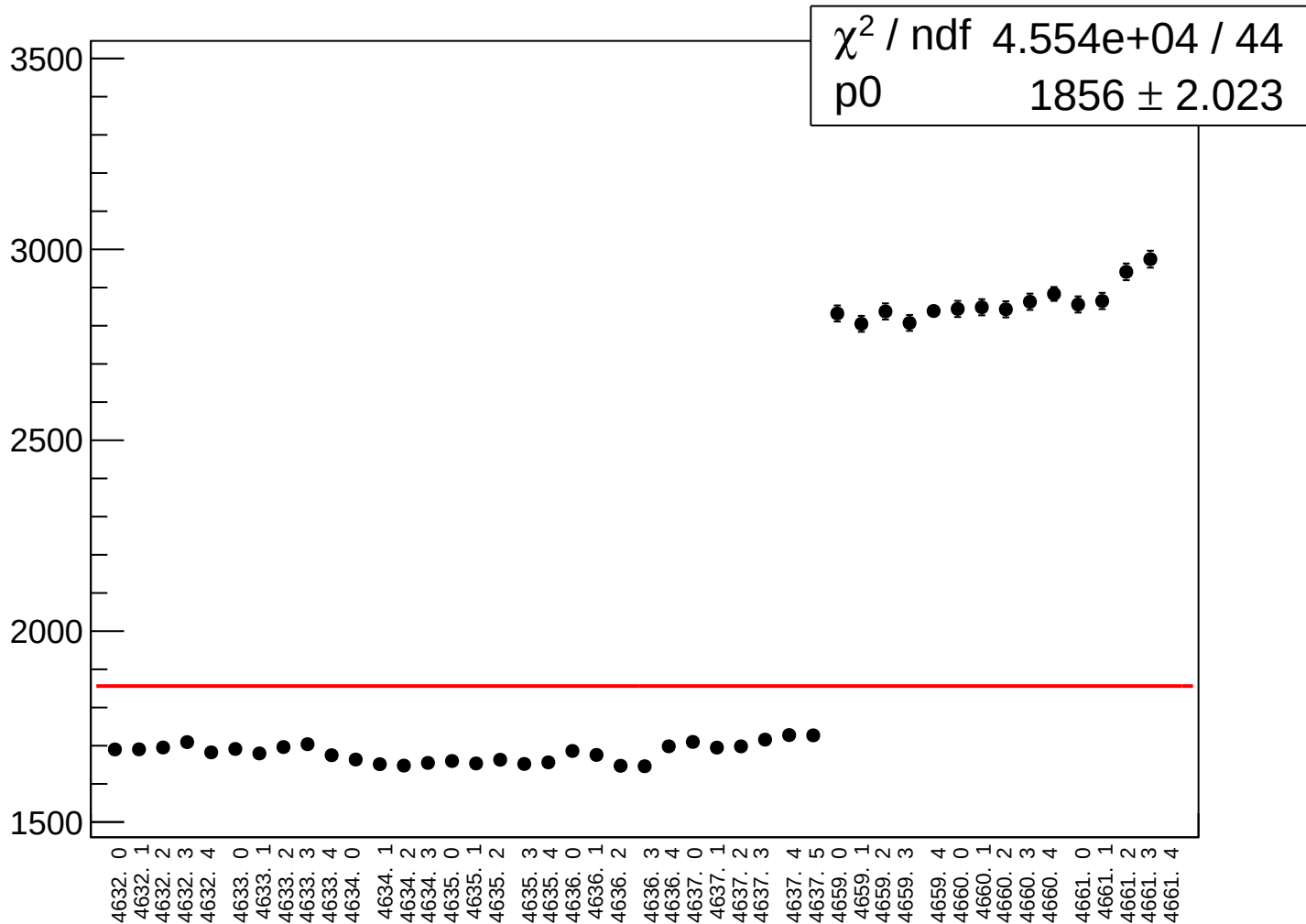
asym_sam5_rms vs run



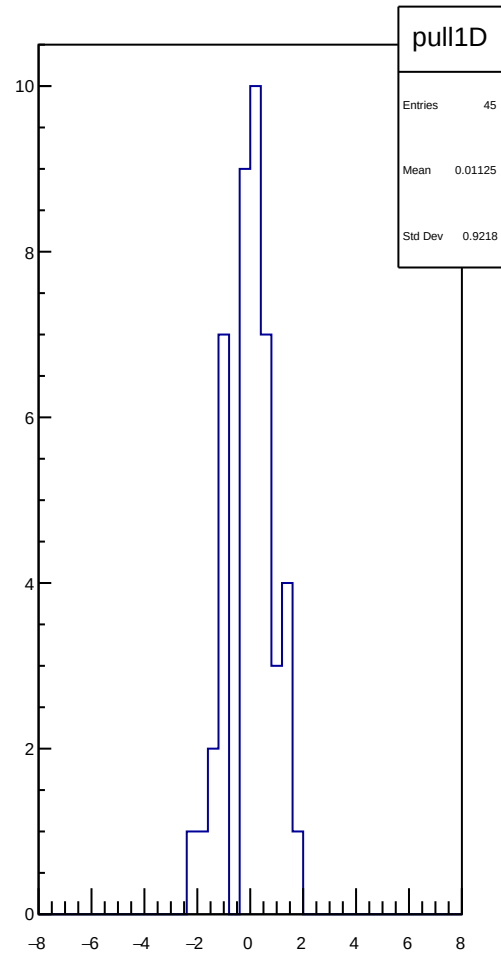
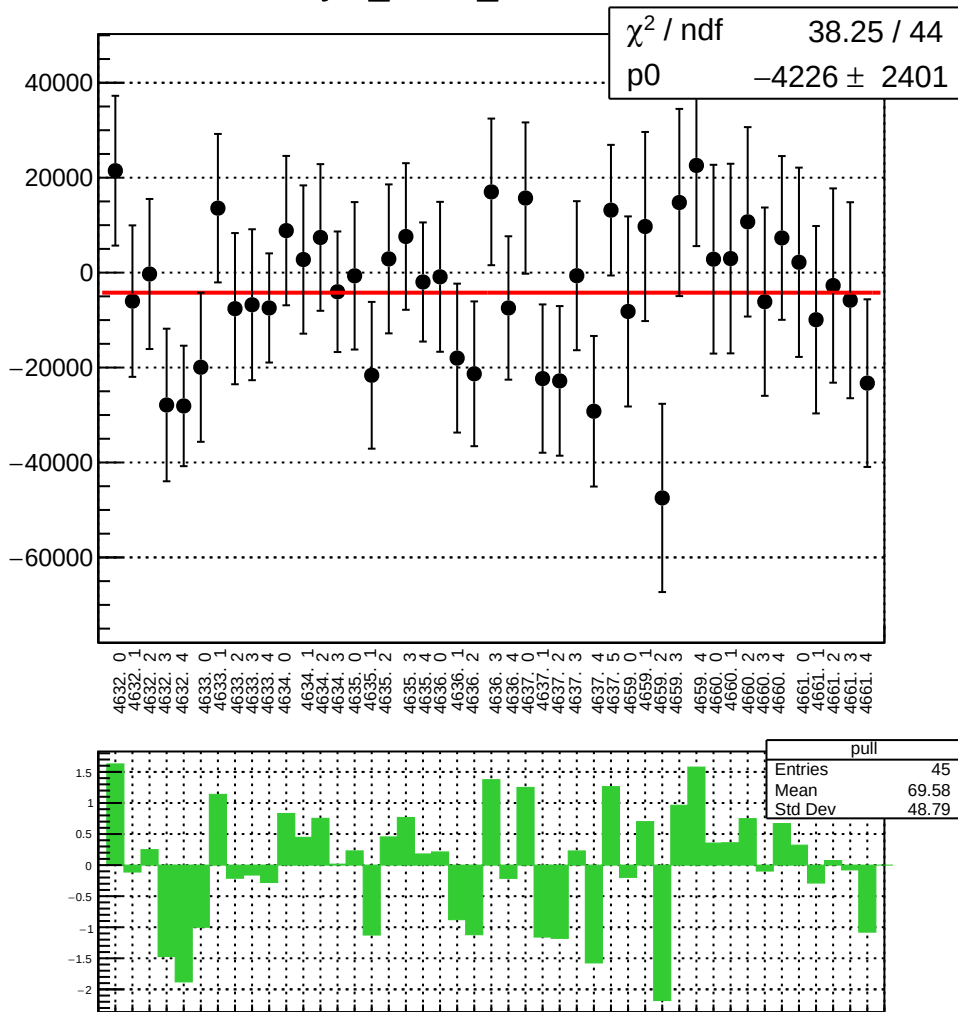
asym_sam6_mean vs run



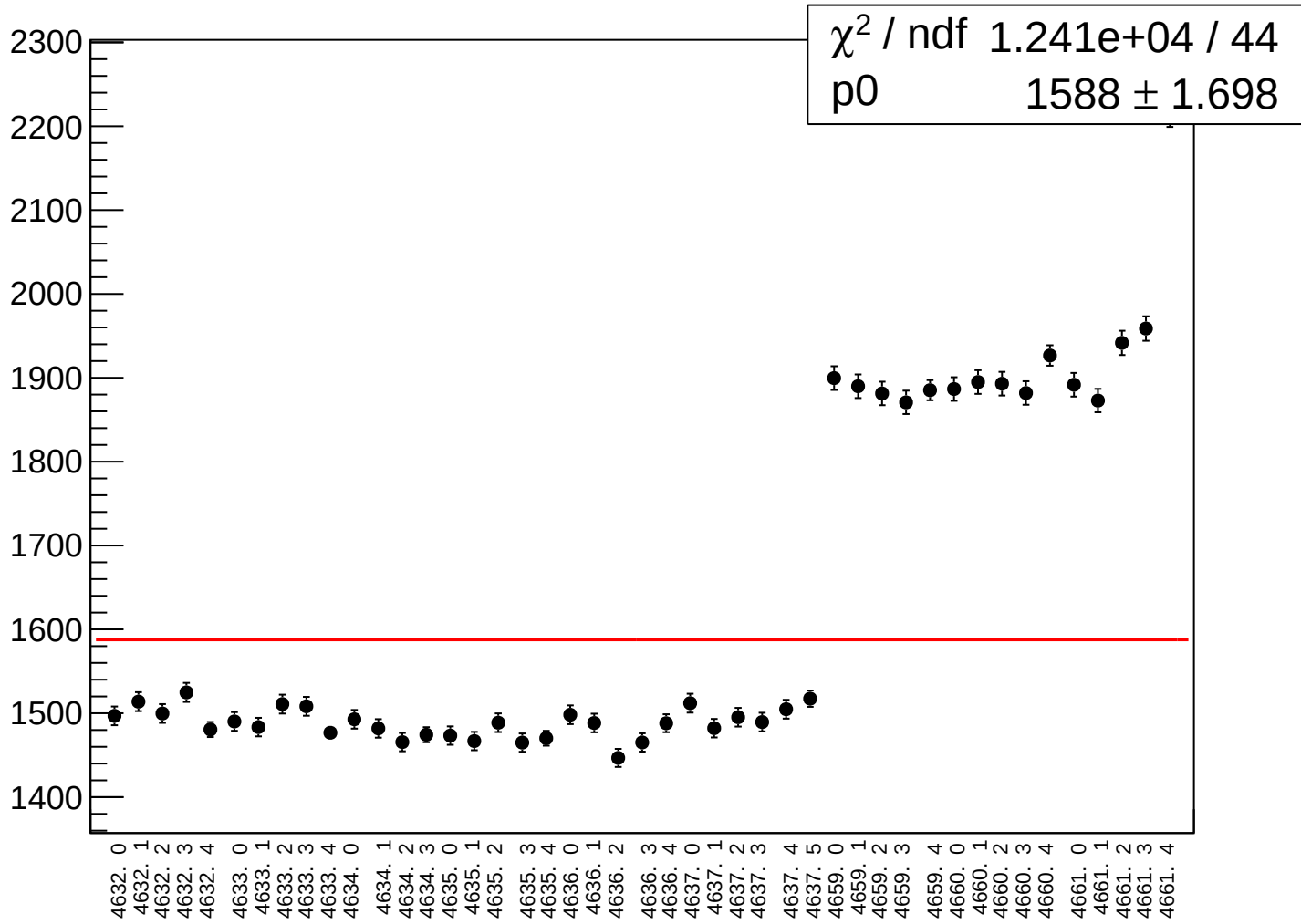
asym_sam6_rms vs run



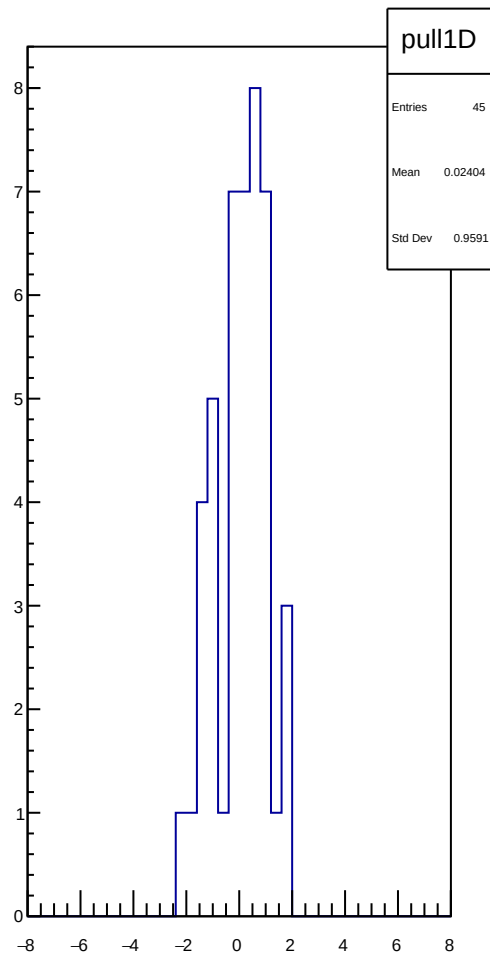
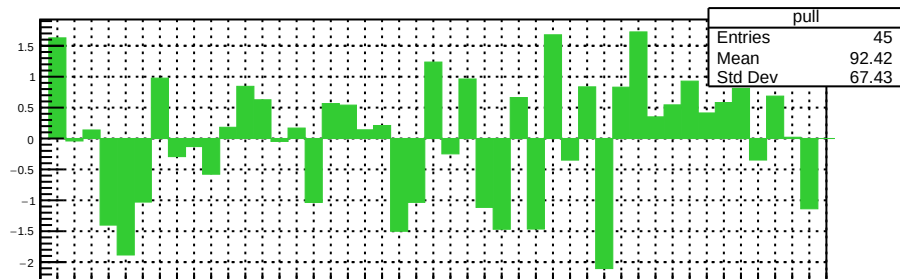
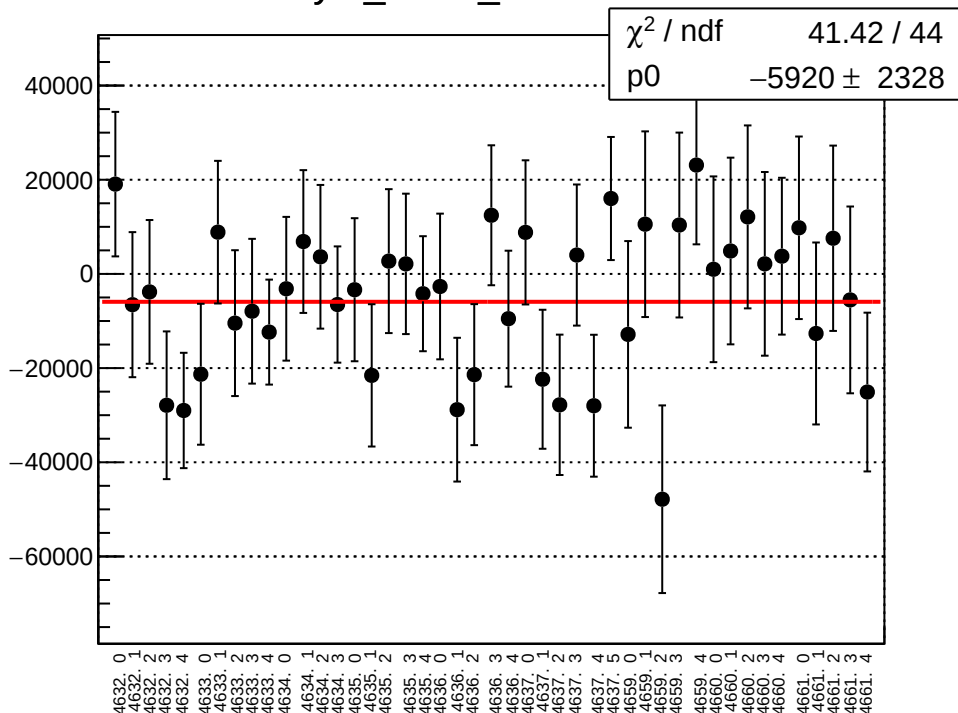
asym_sam7_mean vs run



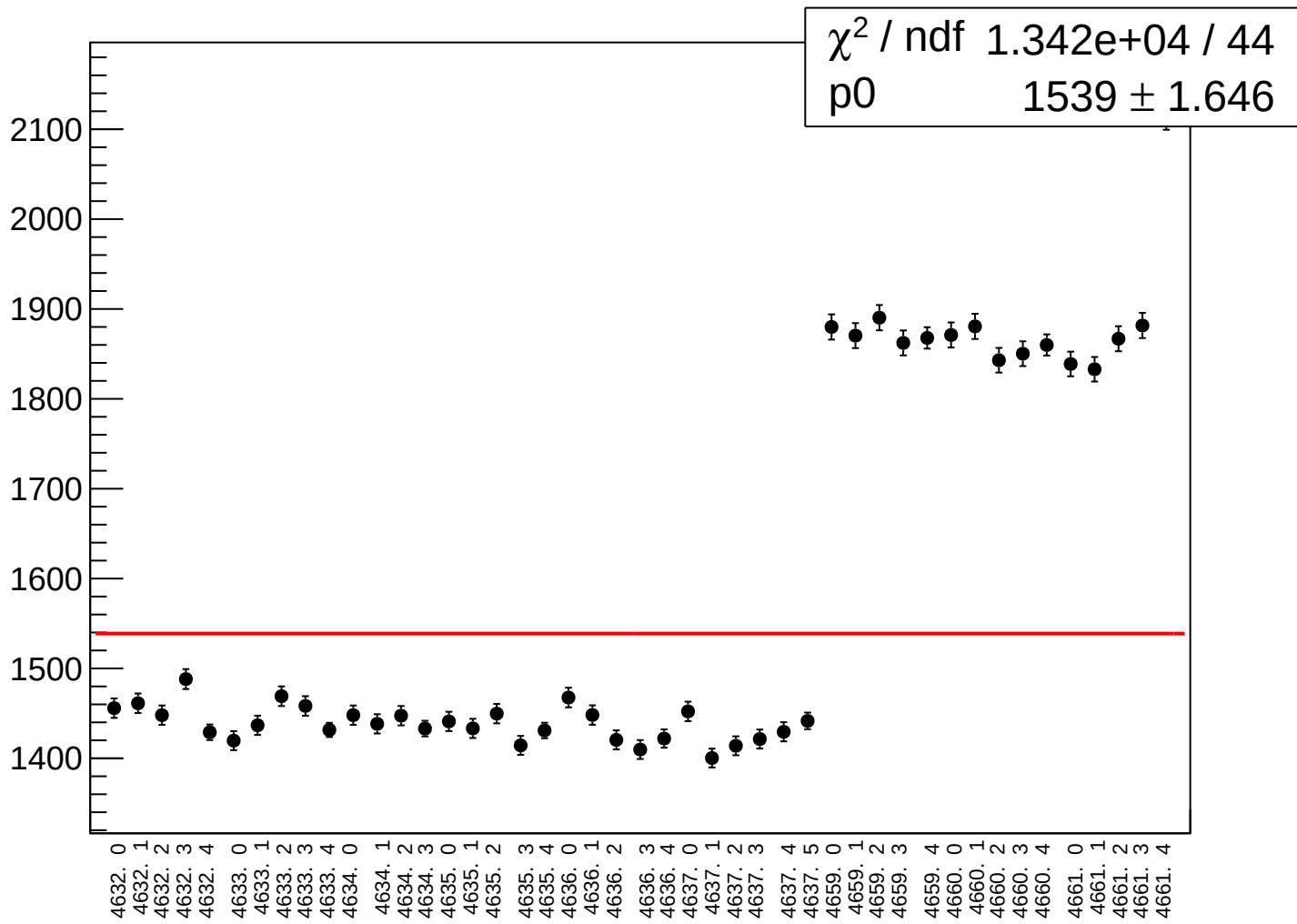
asym_sam7_rms vs run



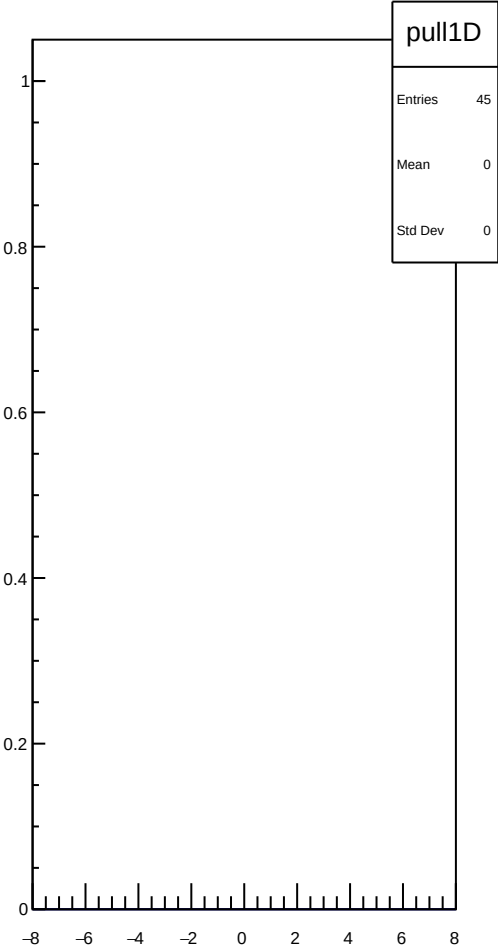
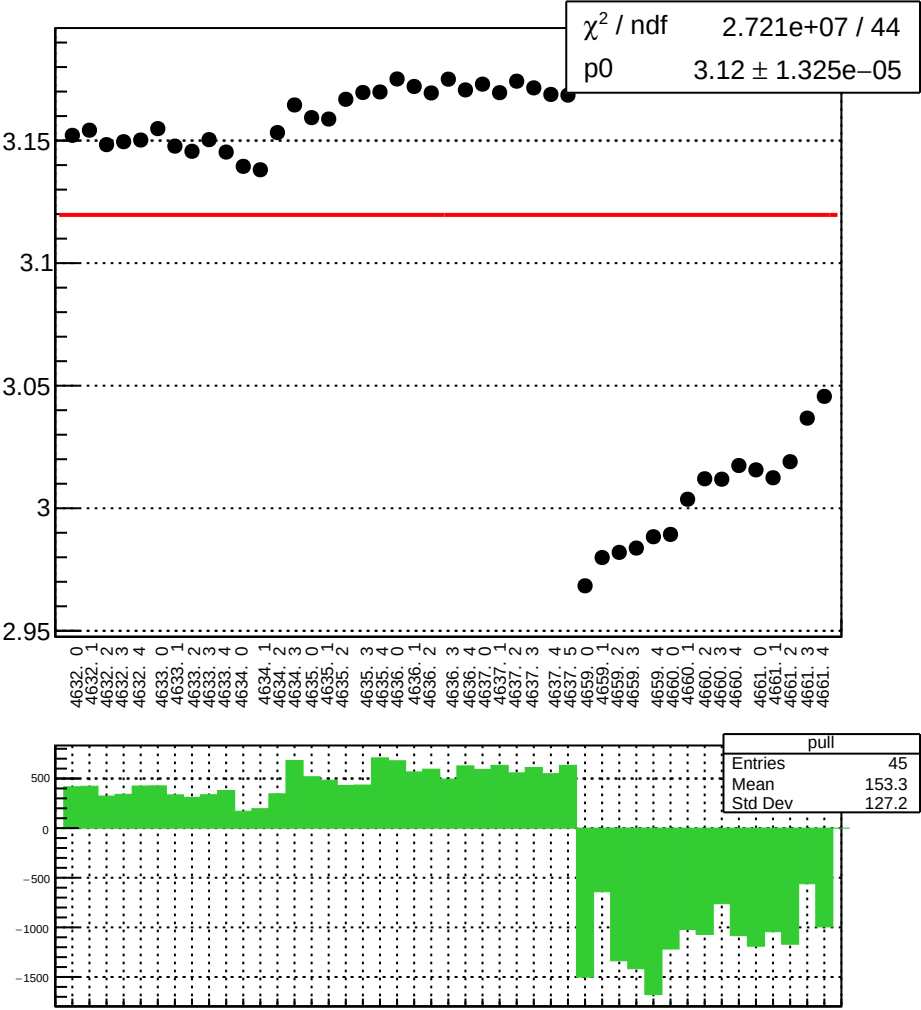
asym_sam8_mean vs run



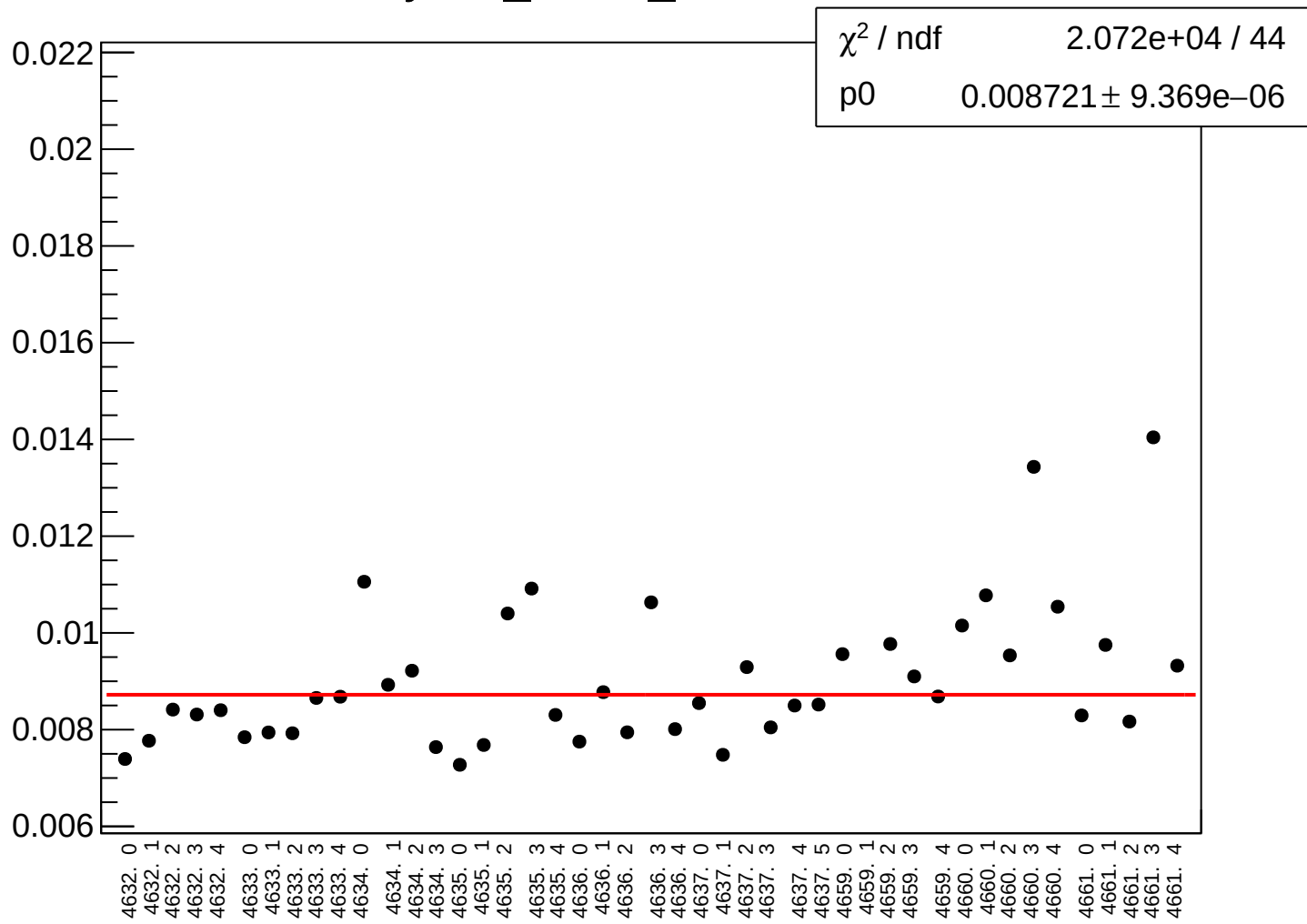
asym_sam8_rms vs run



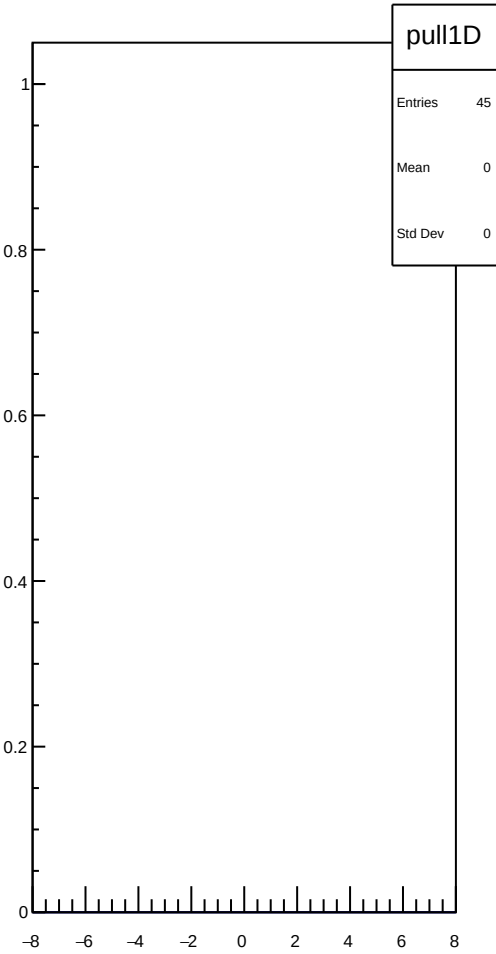
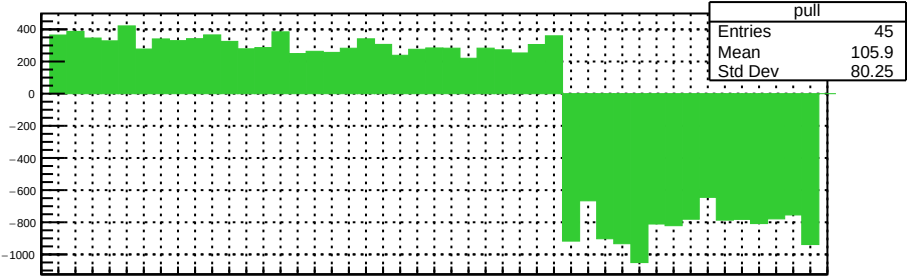
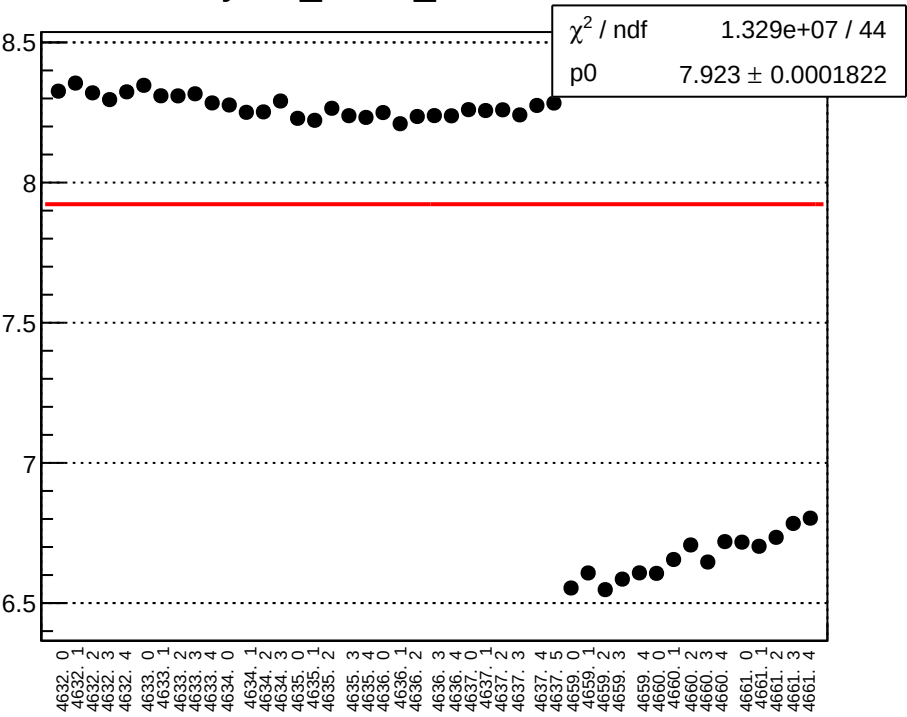
yield_sam1_mean vs run



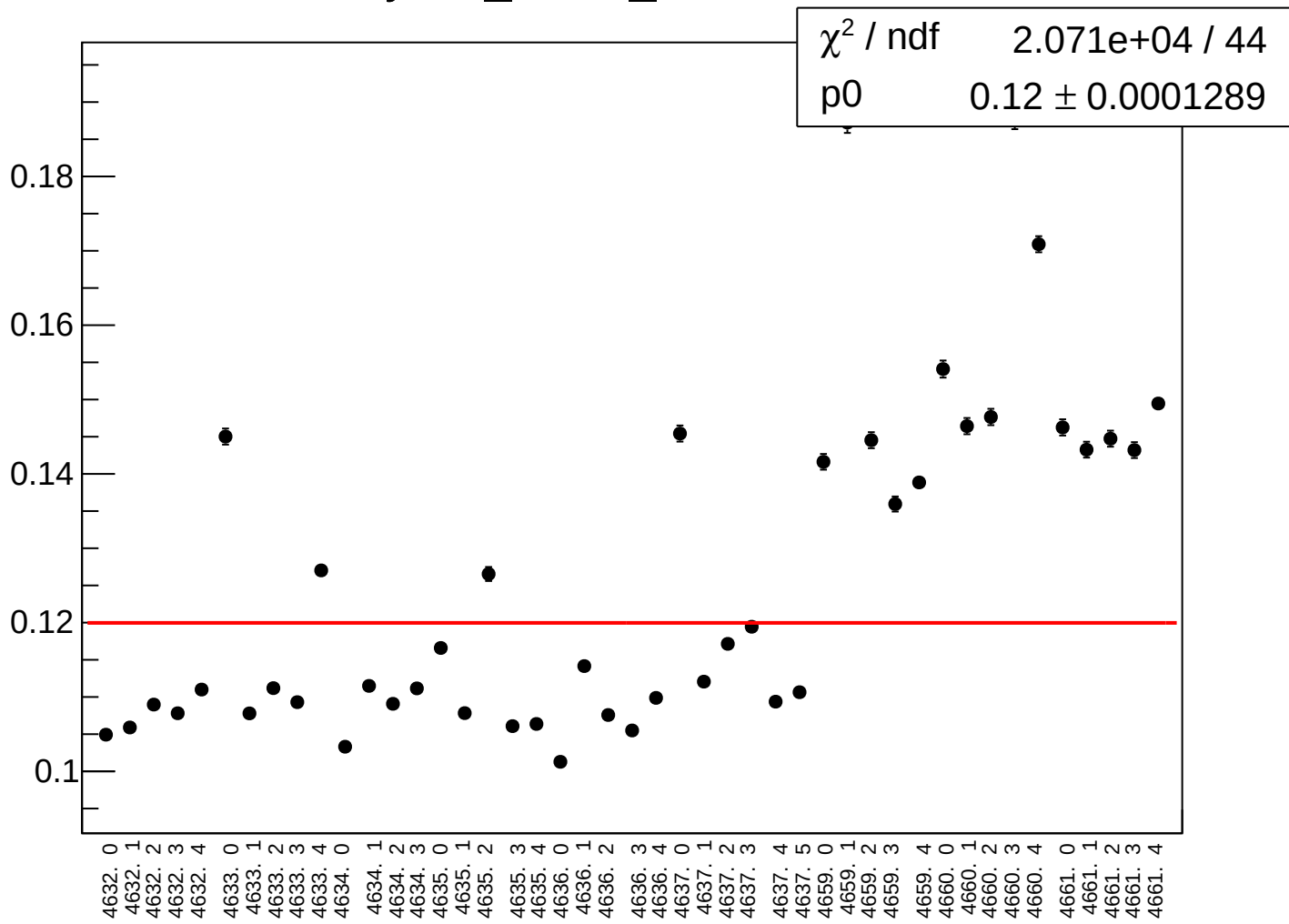
yield_sam1_rms vs run



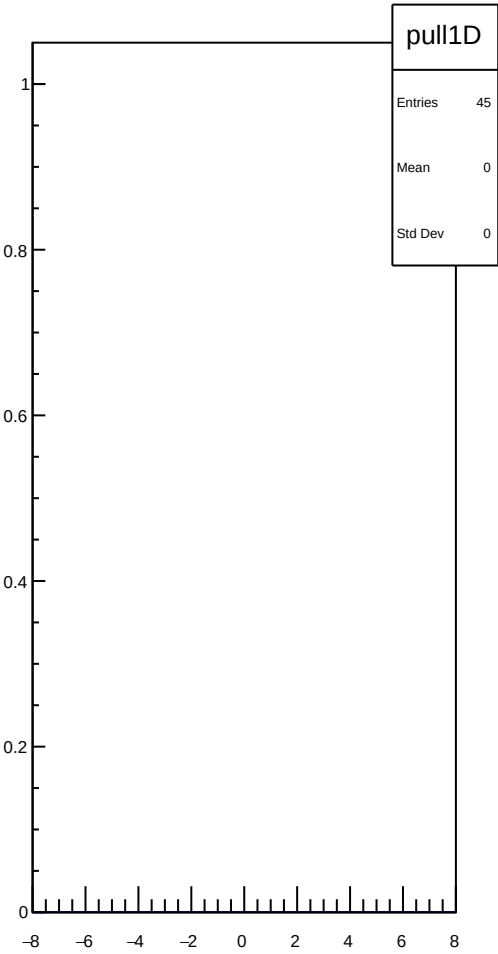
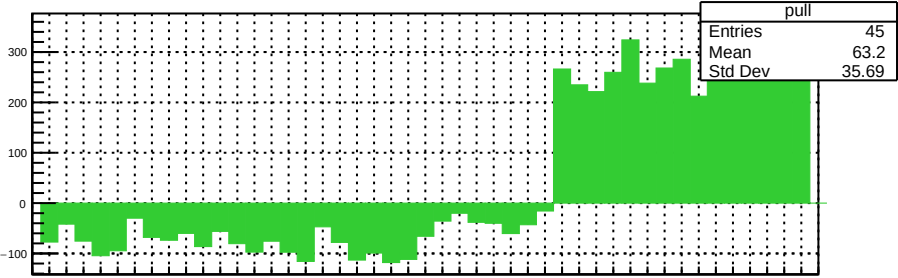
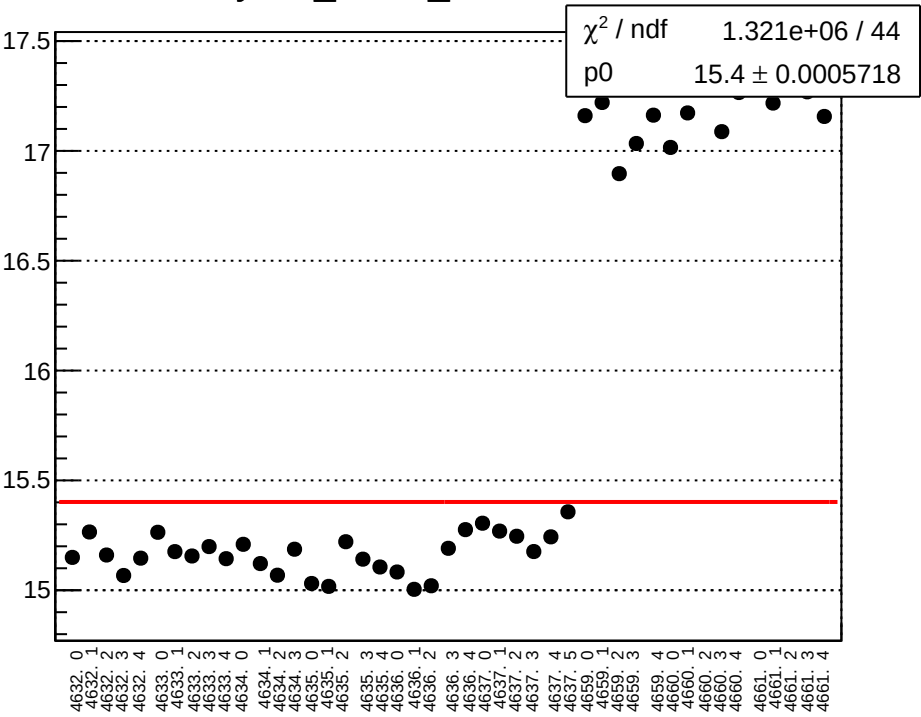
yield_sam2_mean vs run



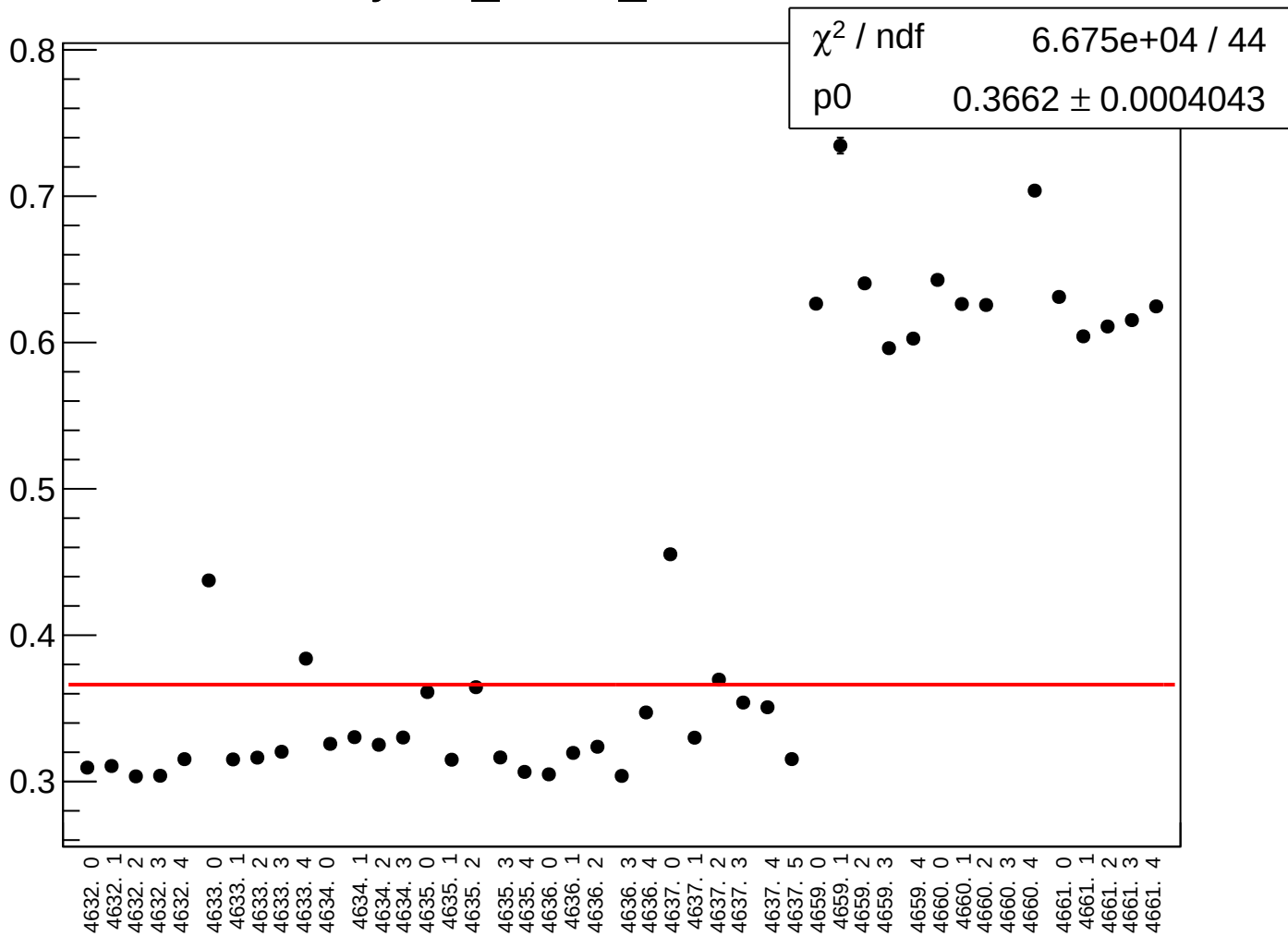
yield_sam2_rms vs run



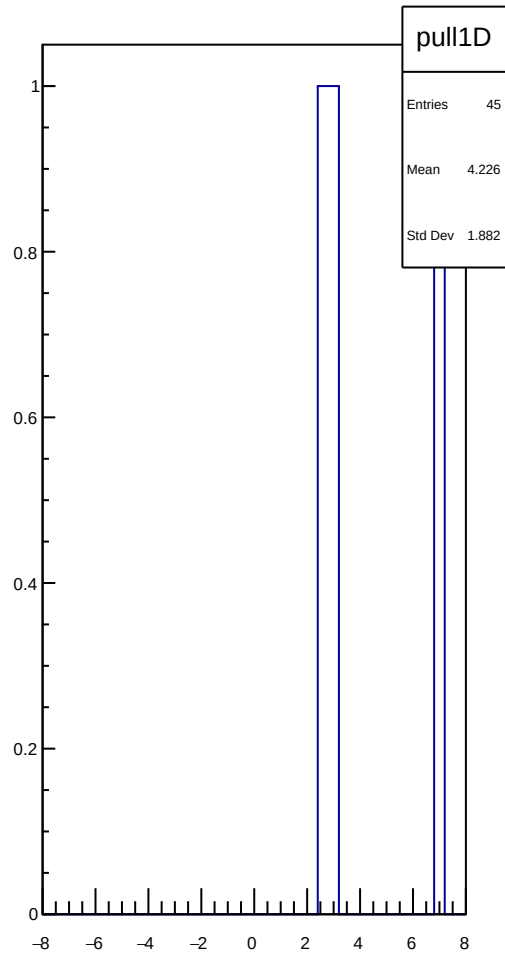
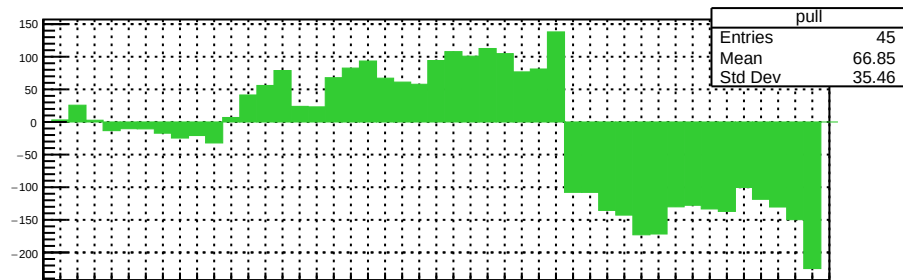
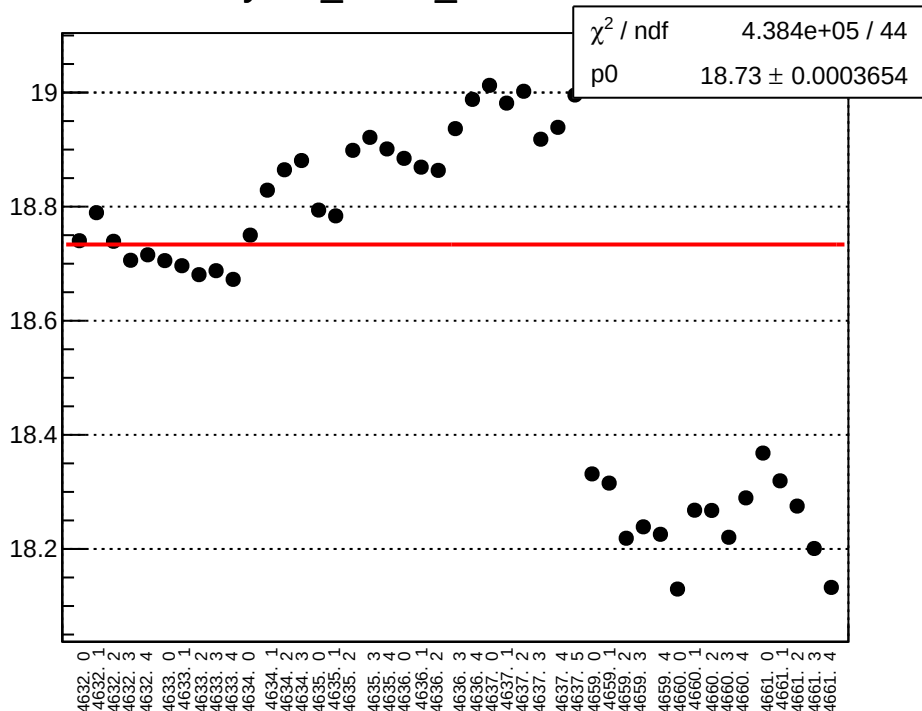
yield_sam3_mean vs run



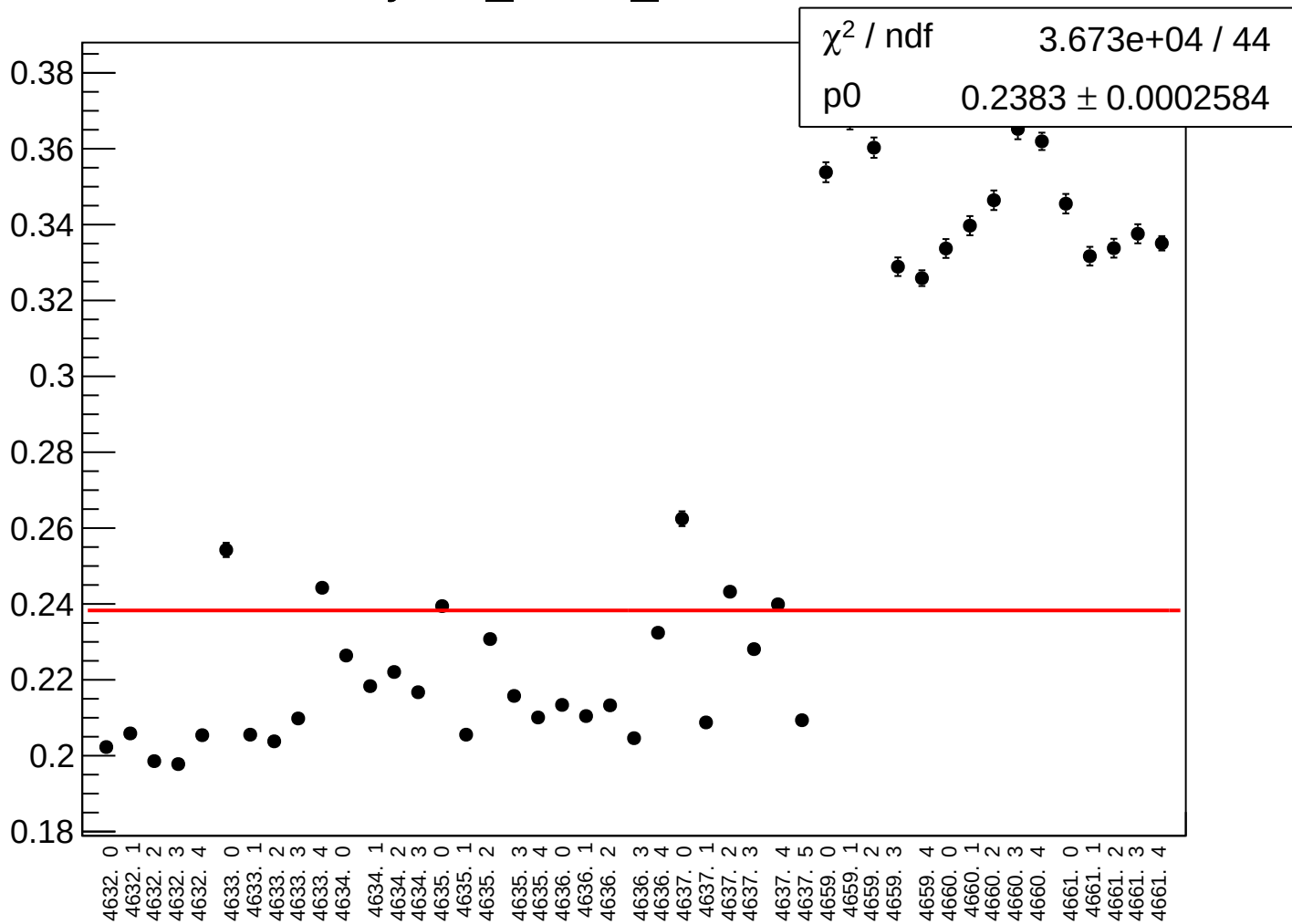
yield_sam3_rms vs run



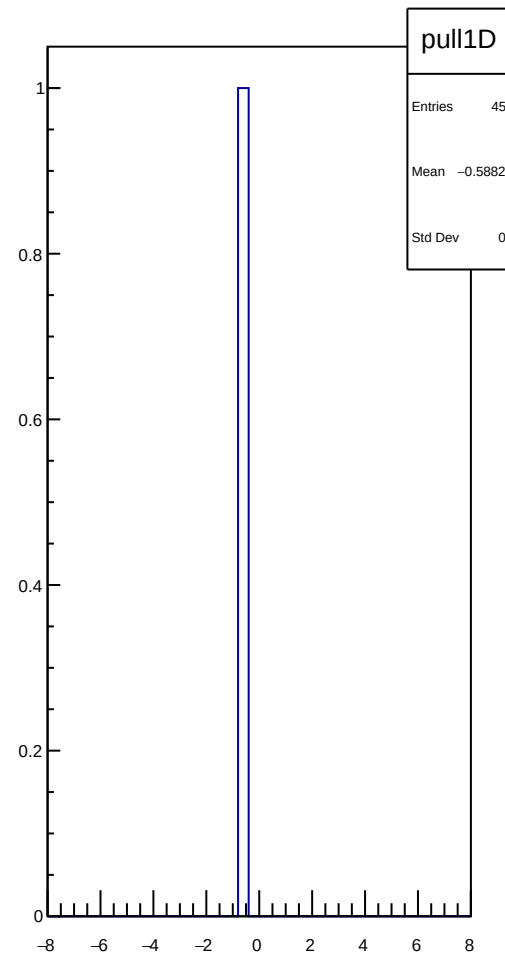
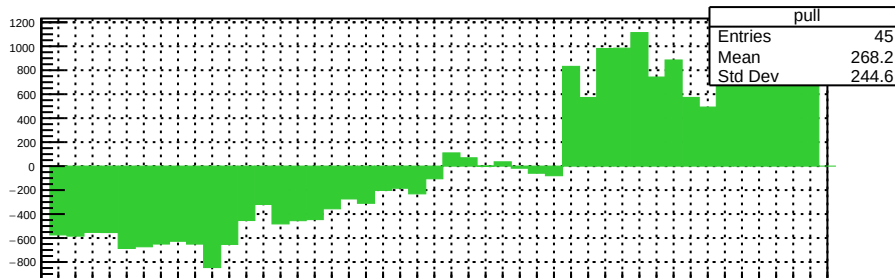
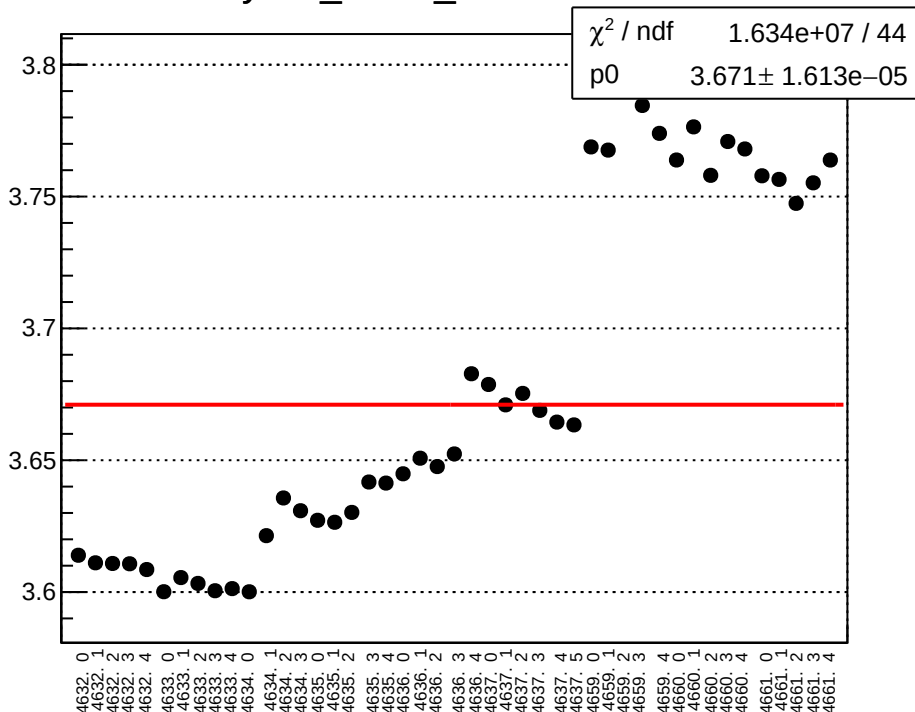
yield_sam4_mean vs run



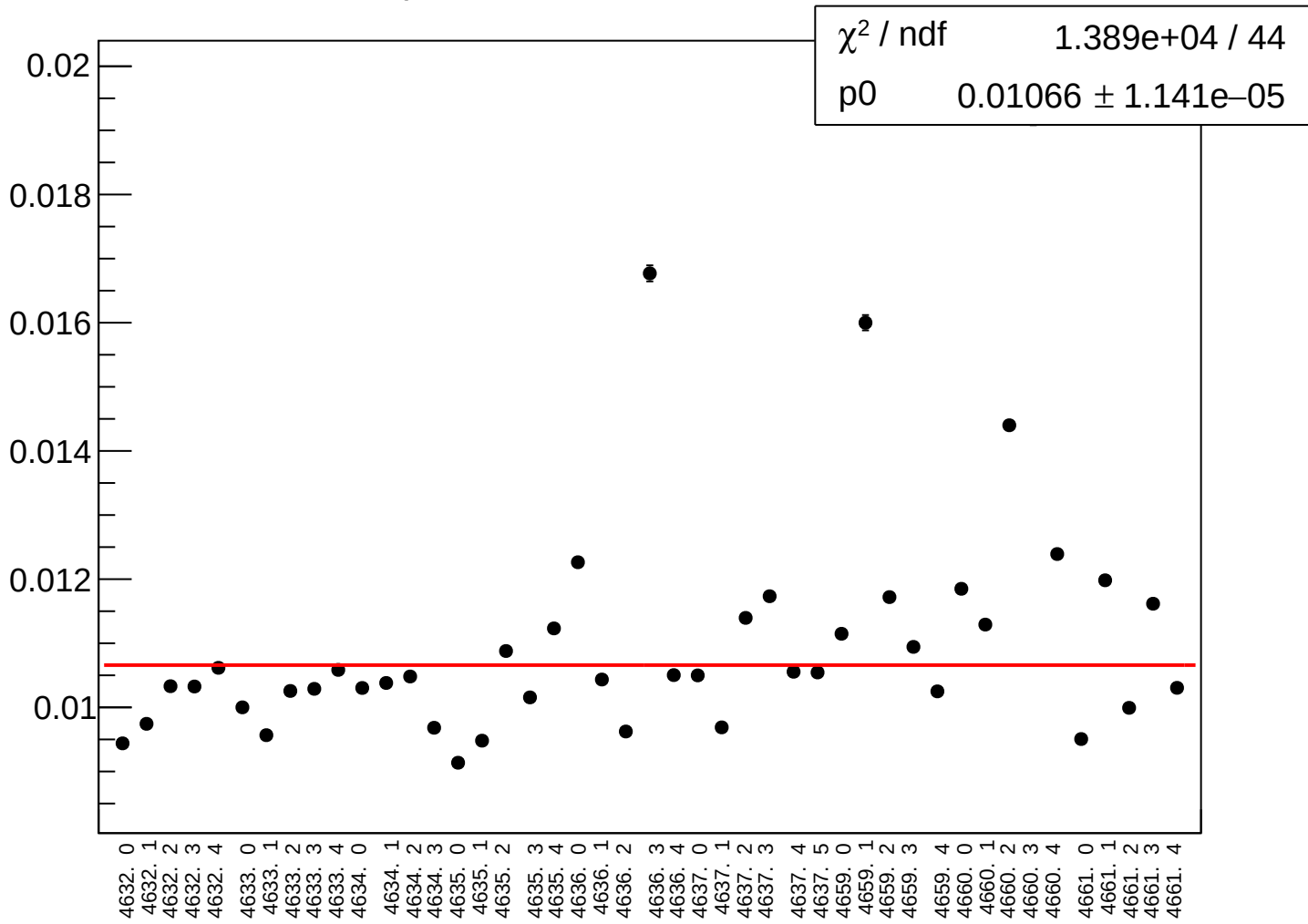
yield_sam4_rms vs run



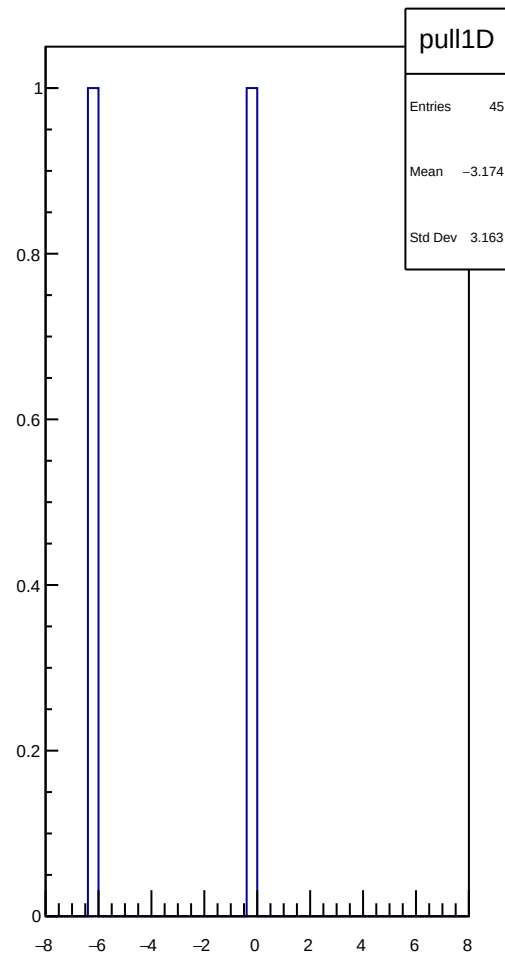
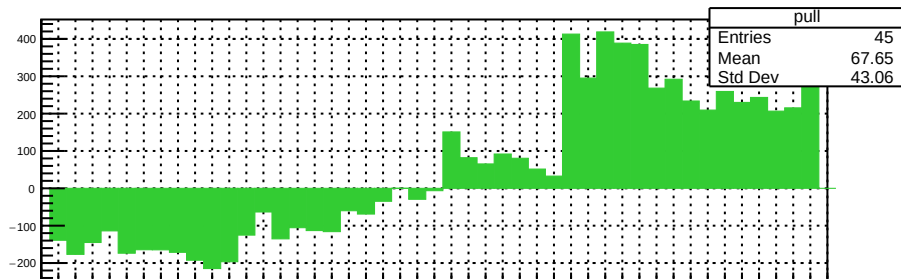
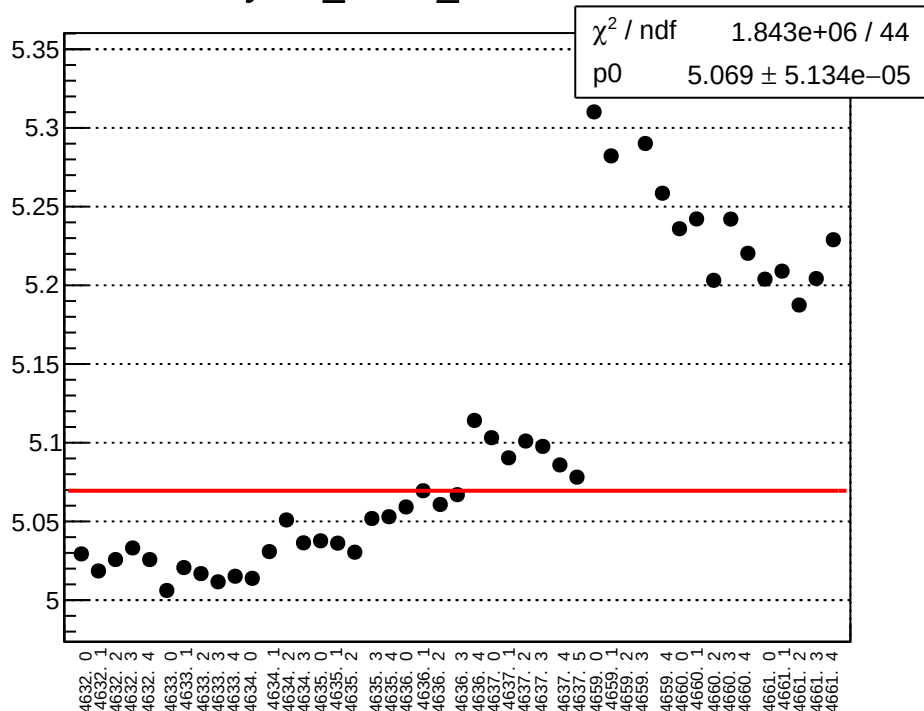
yield_sam5_mean vs run



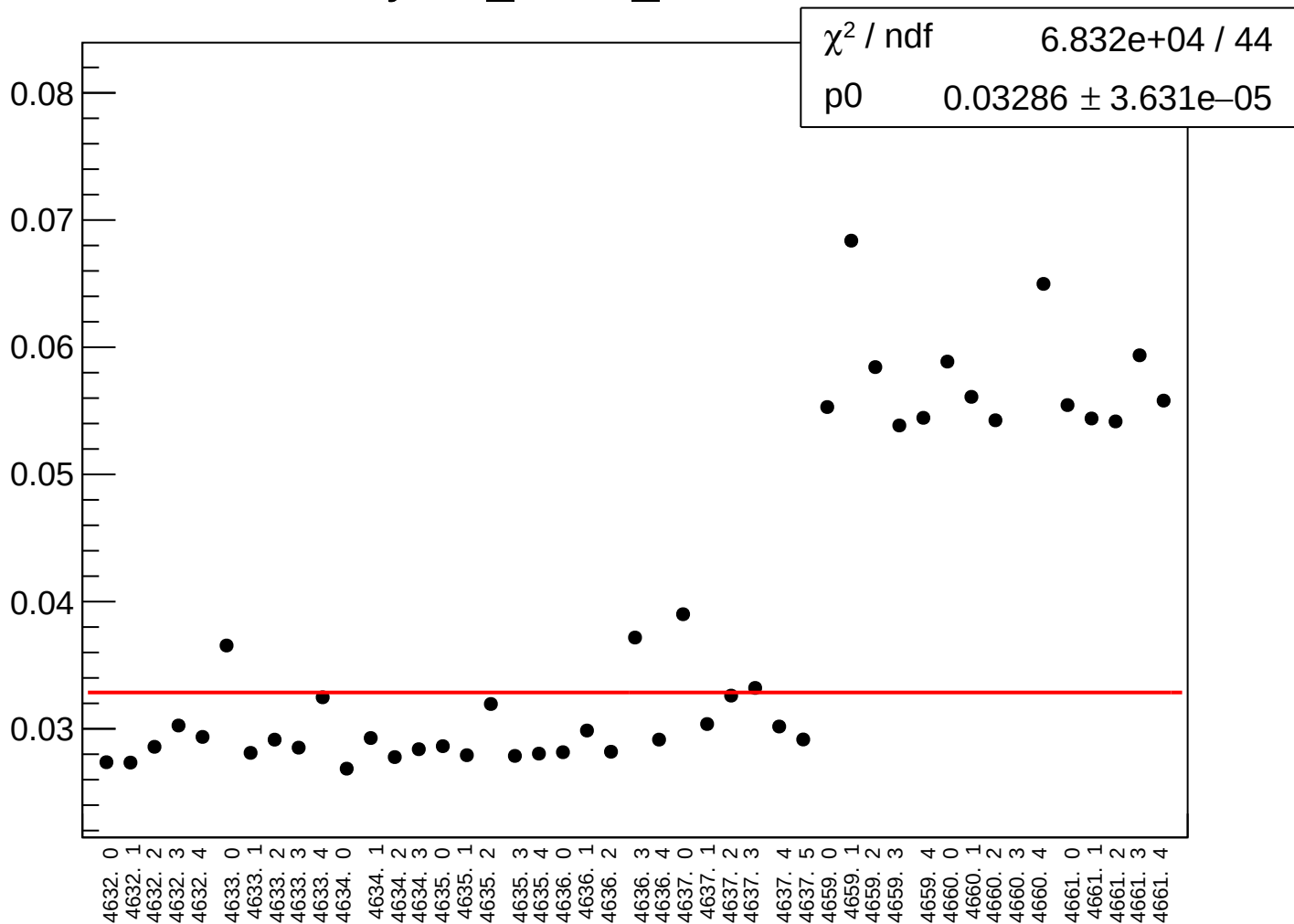
yield_sam5_rms vs run



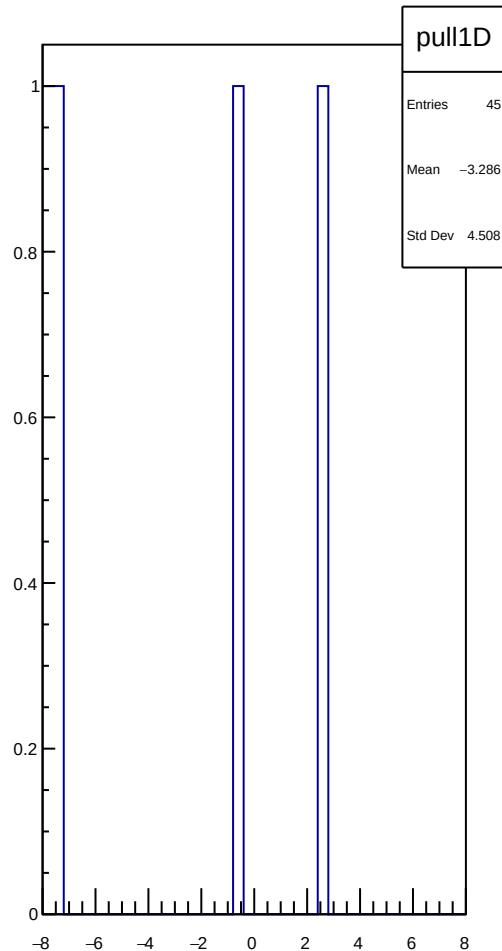
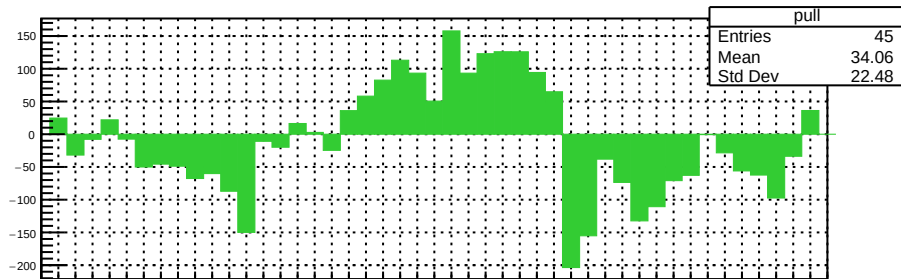
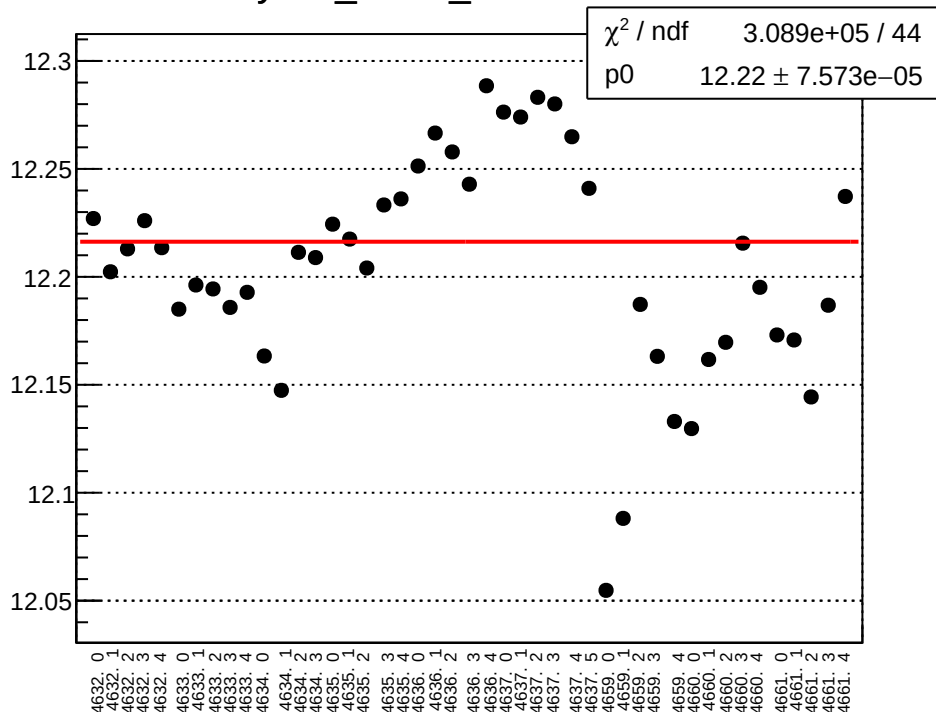
yield_sam6_mean vs run



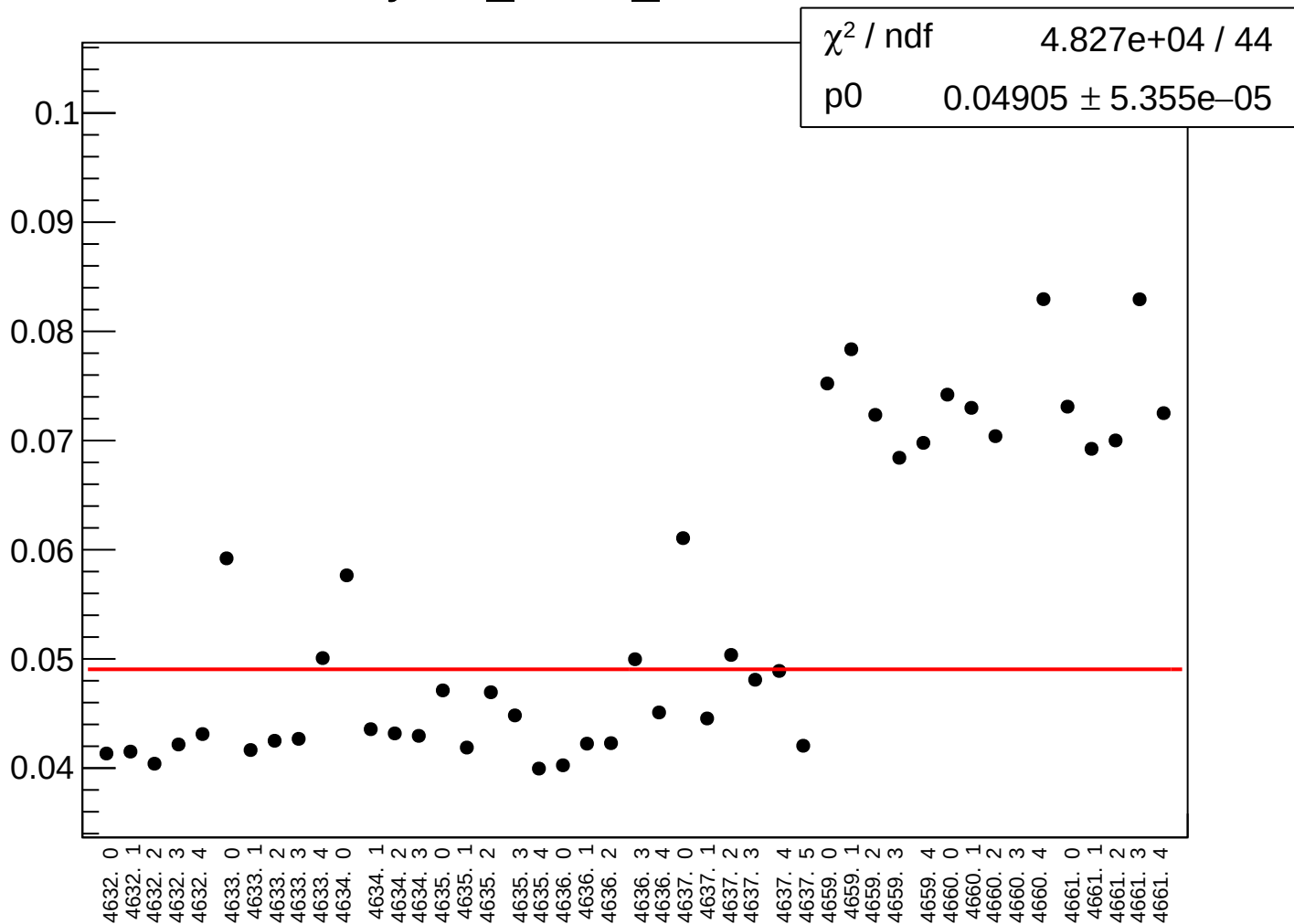
yield_sam6_rms vs run



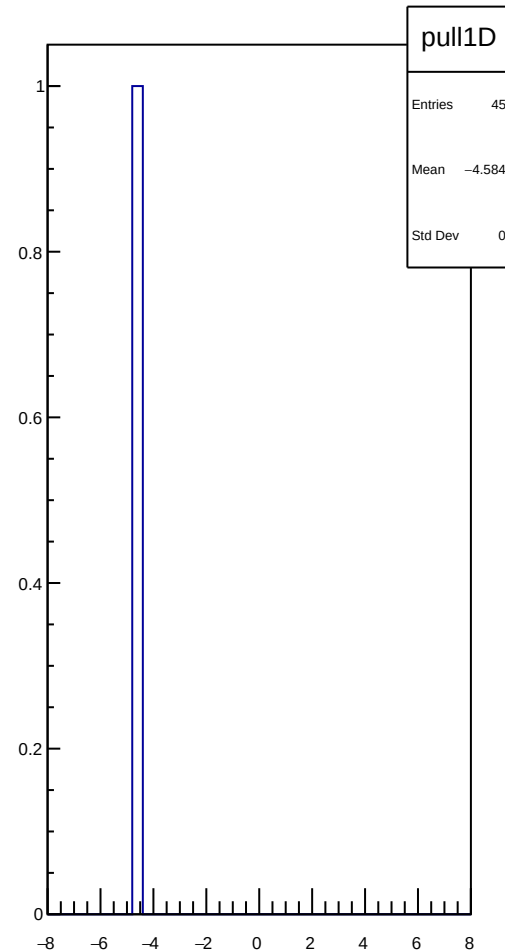
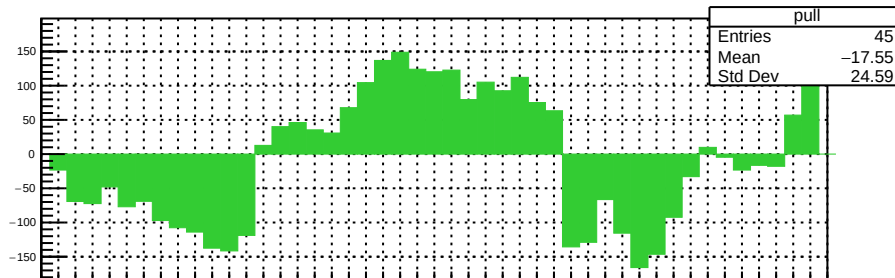
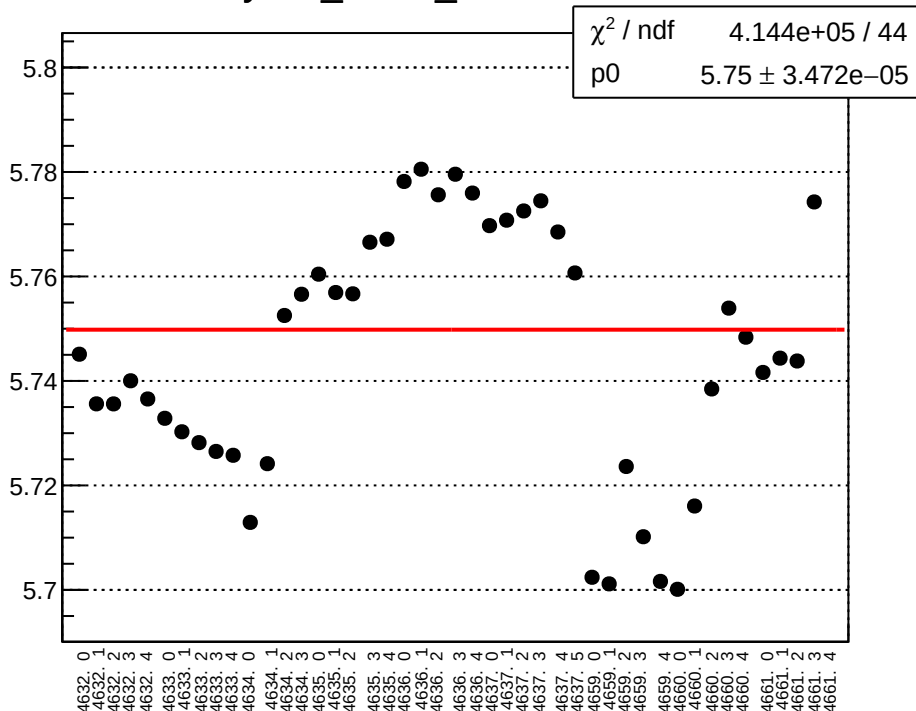
yield_sam7_mean vs run



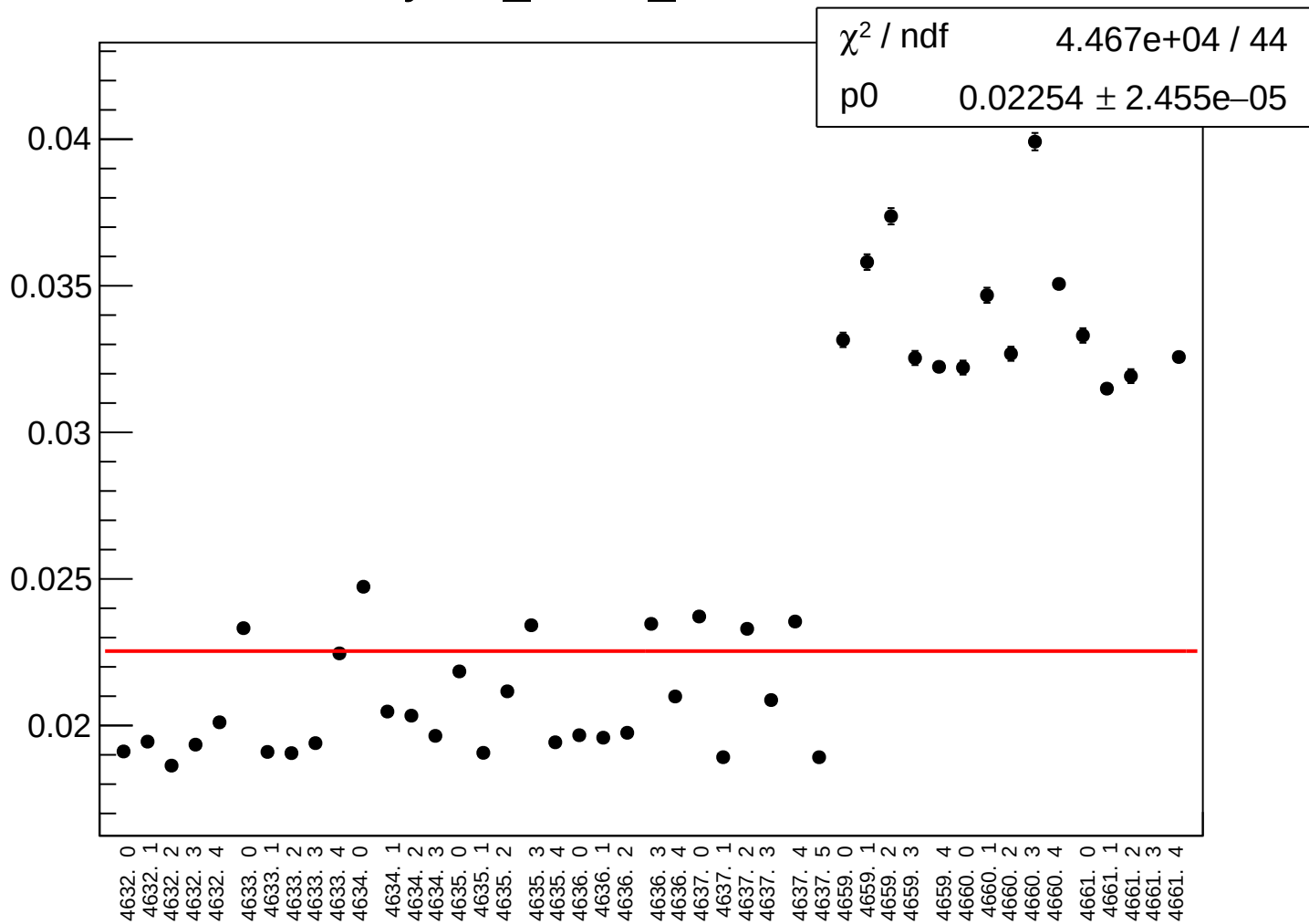
yield_sam7_rms vs run



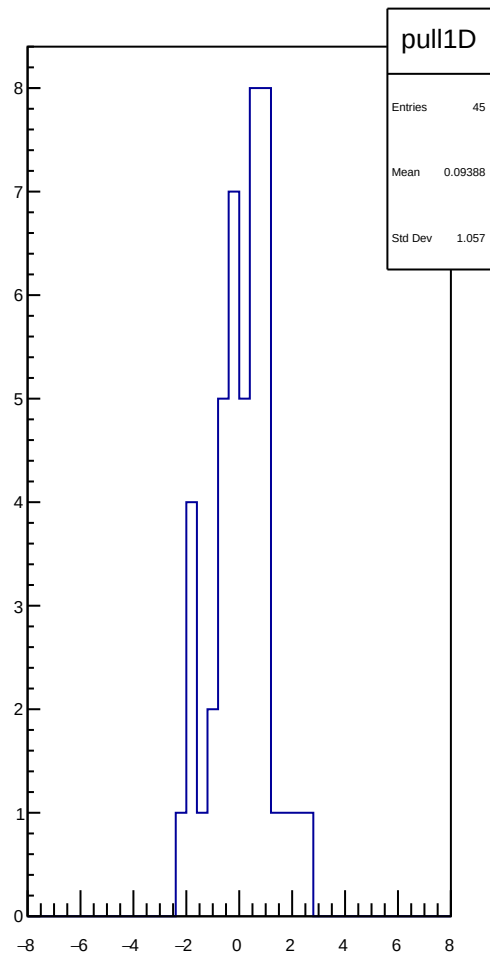
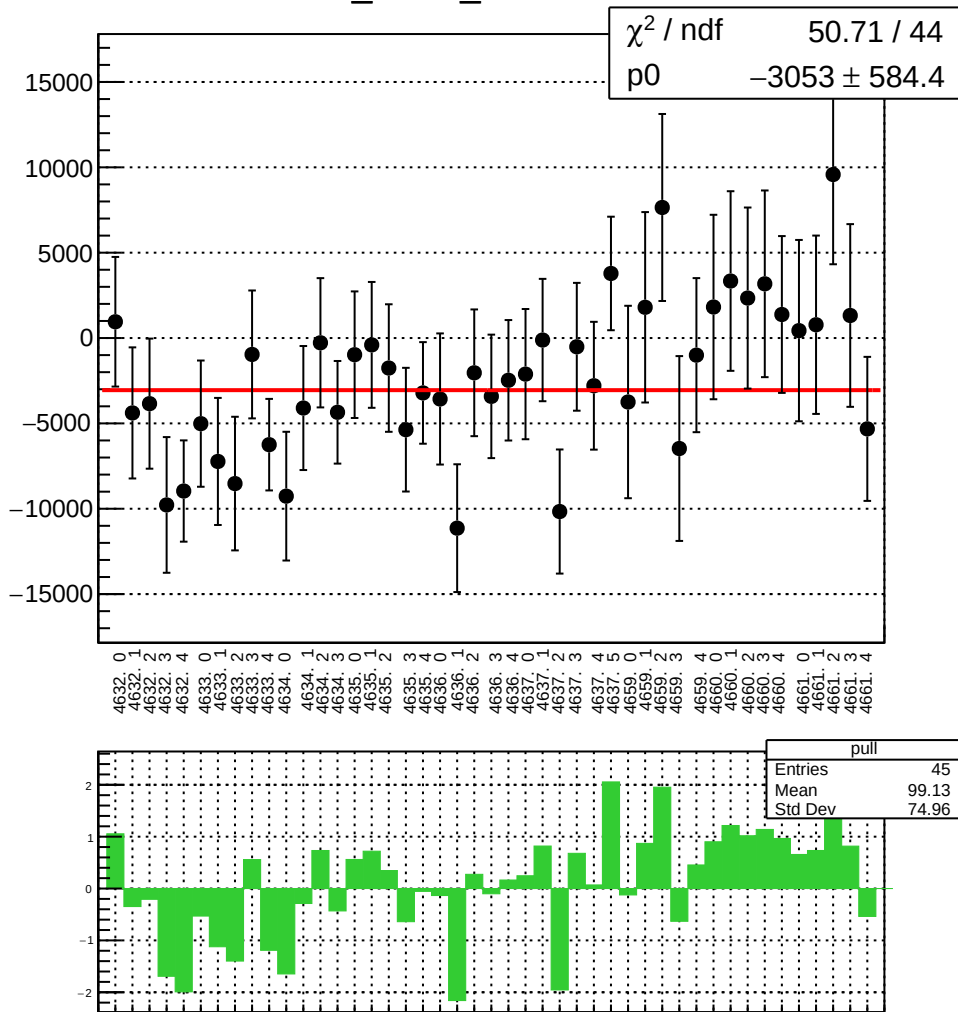
yield_sam8_mean vs run



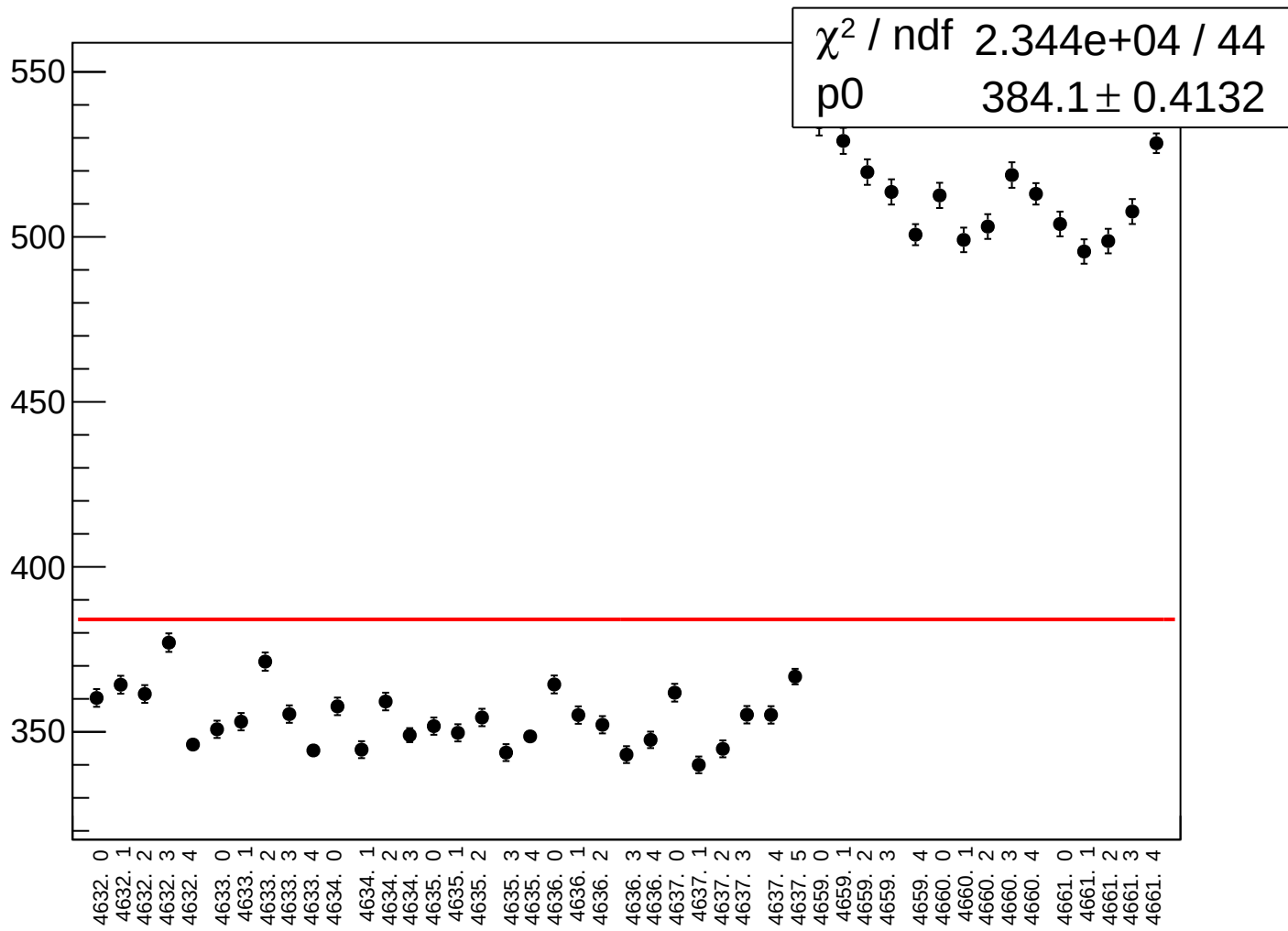
yield_sam8_rms vs run



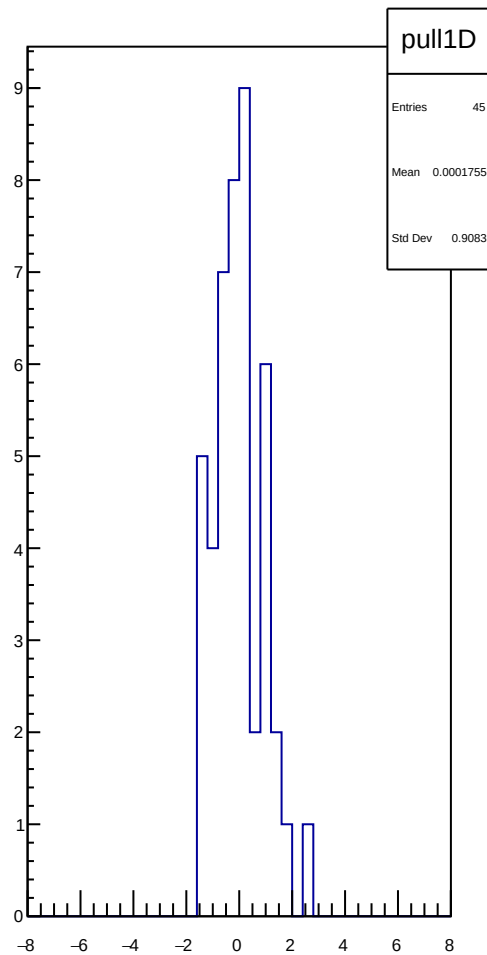
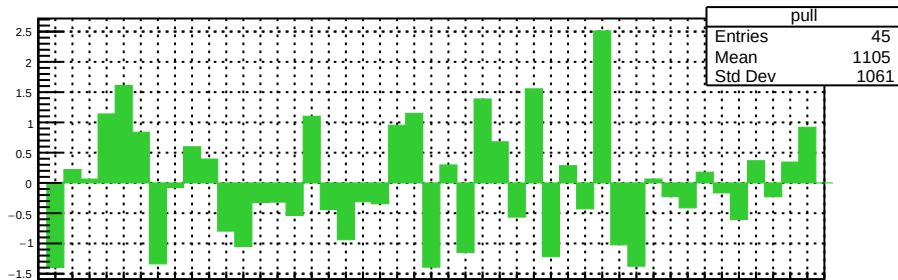
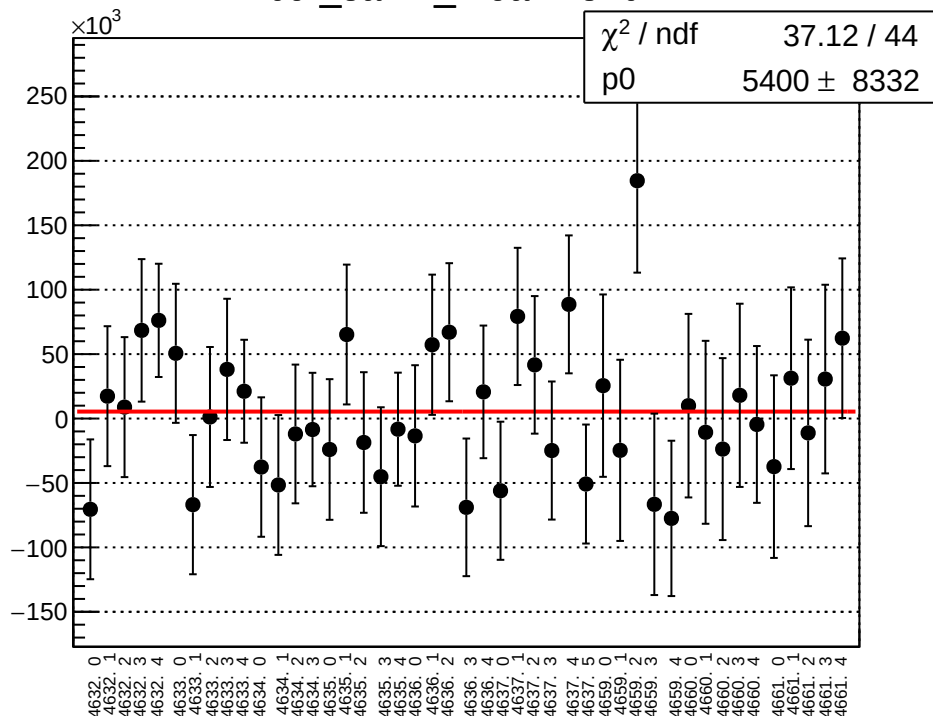
cor_sam1_mean vs run



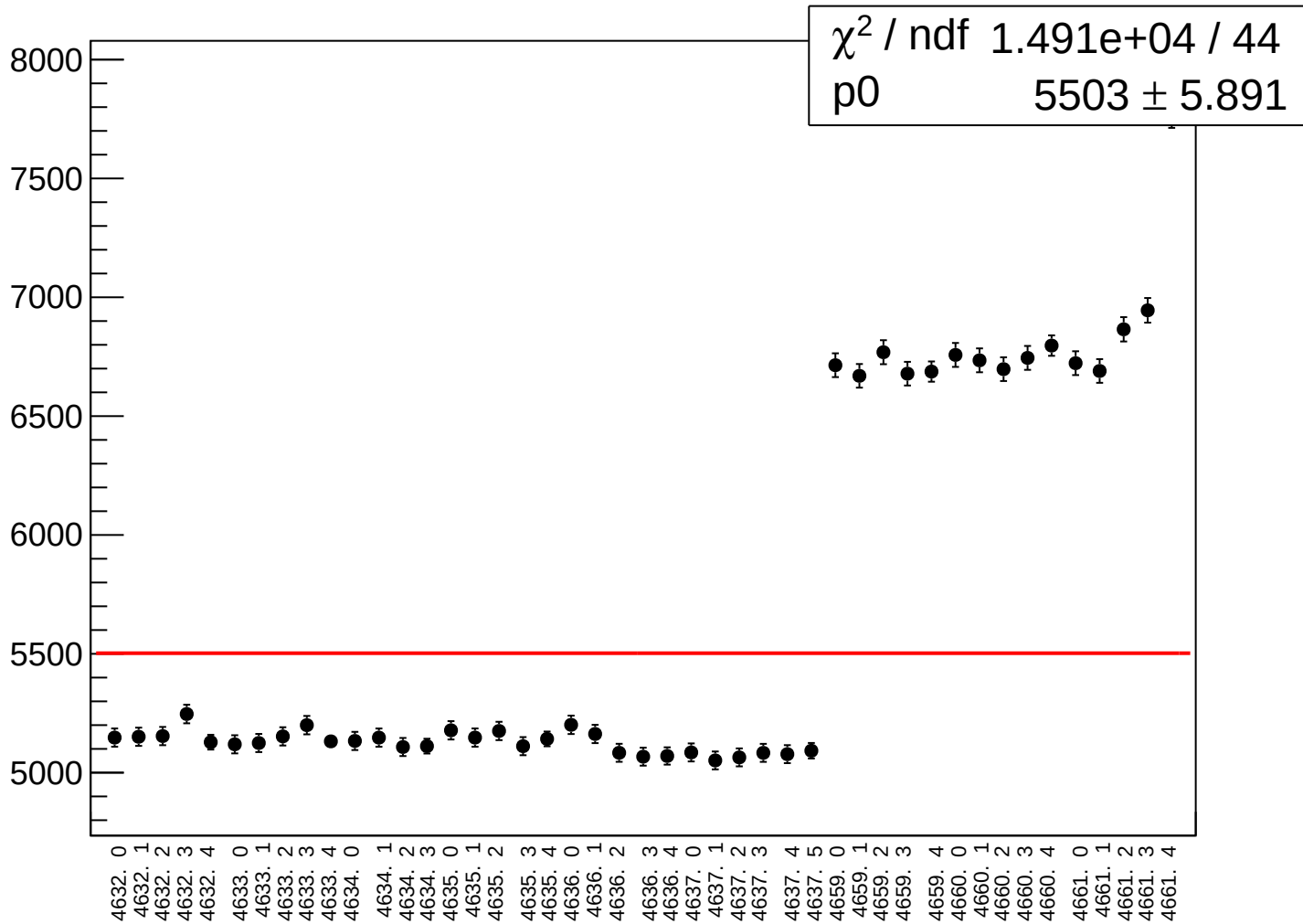
cor_sam1_rms vs run



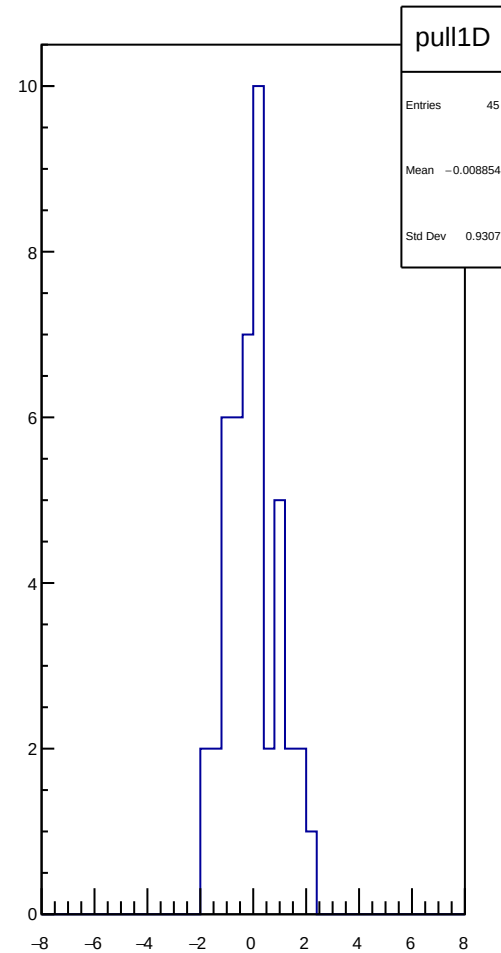
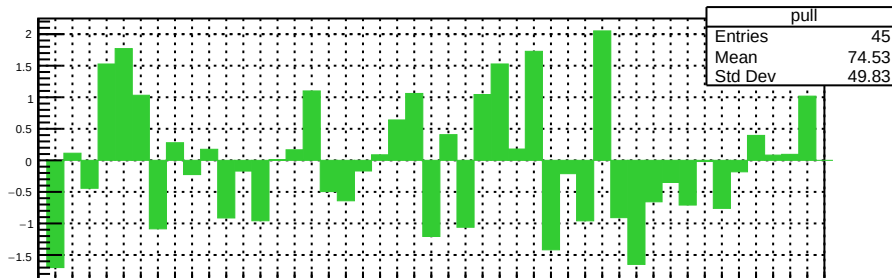
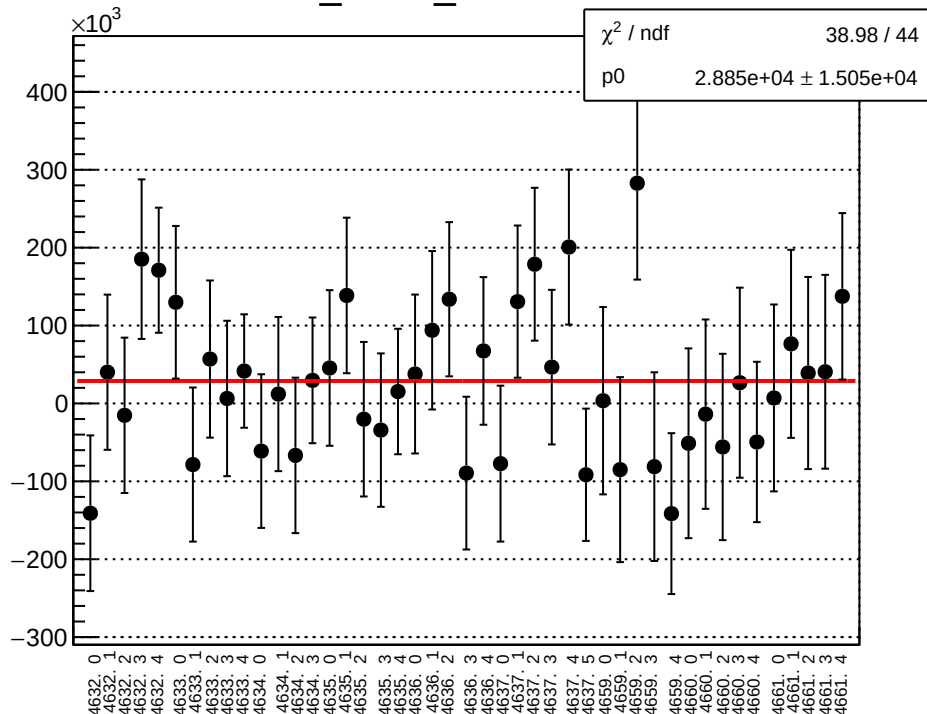
cor_sam2_mean vs run



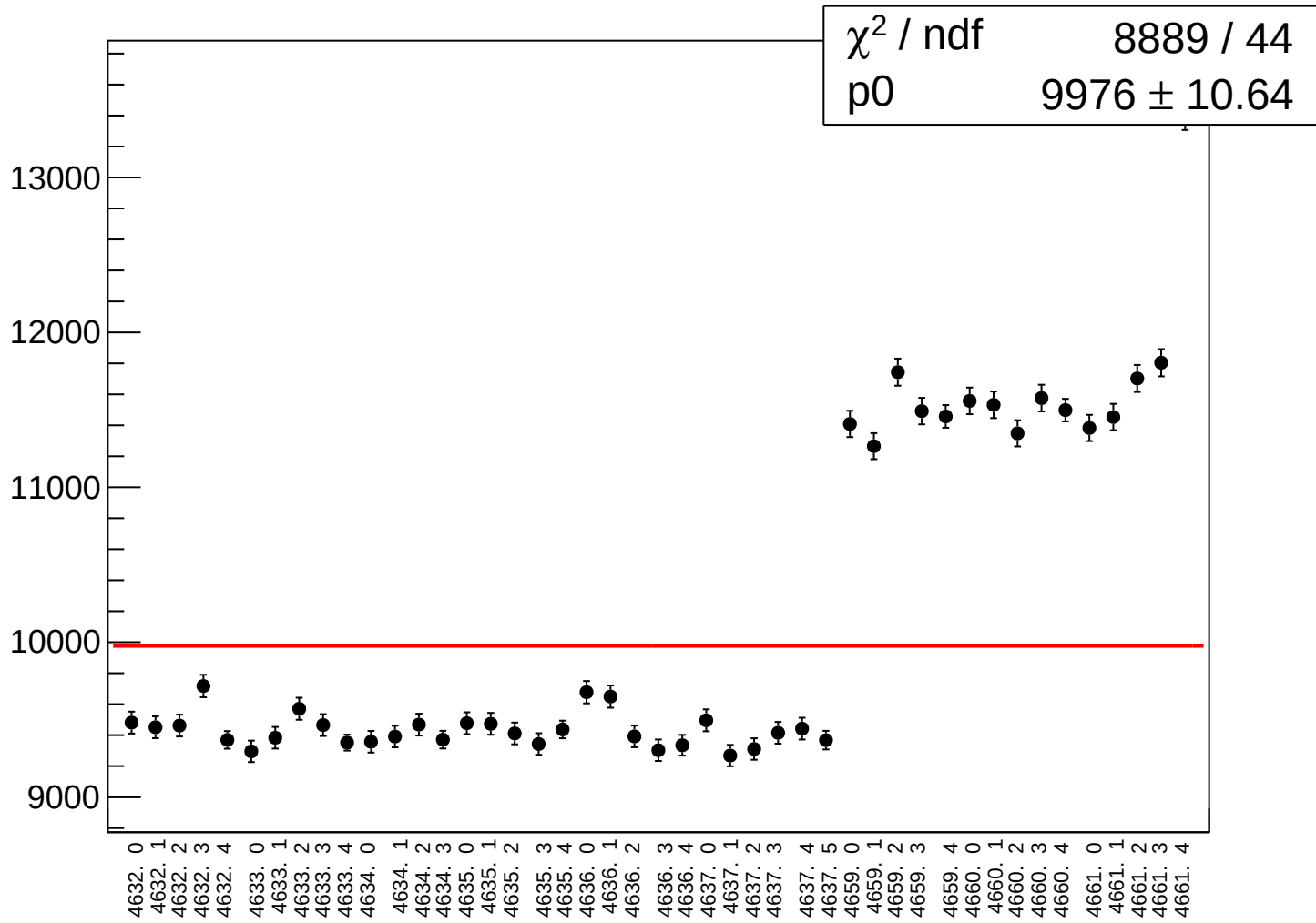
cor_sam2_rms vs run



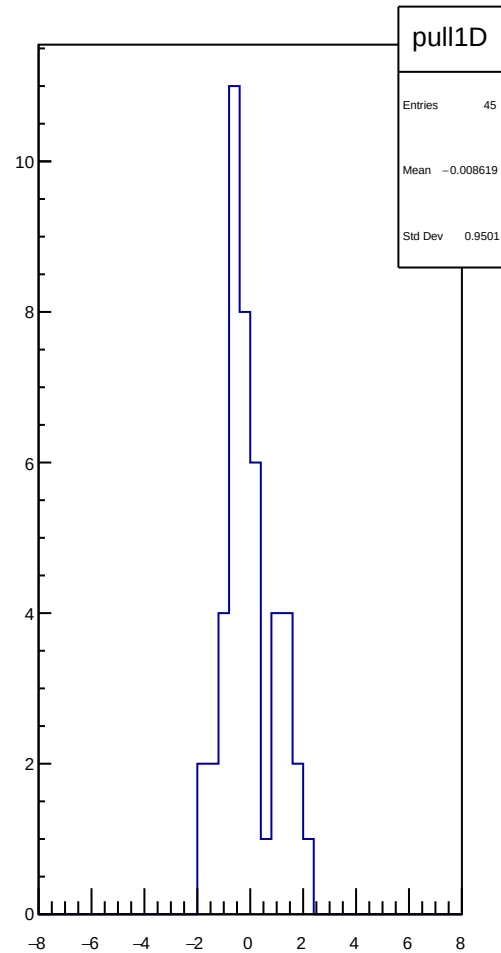
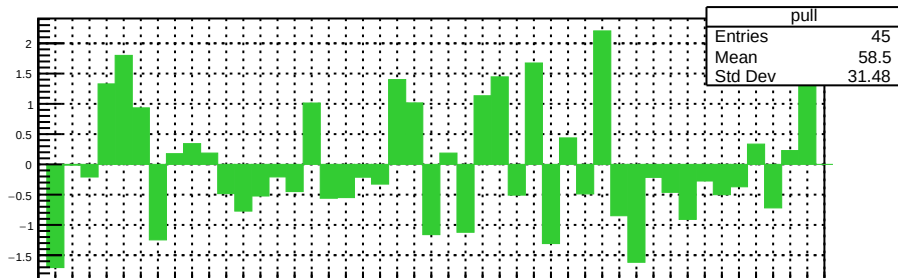
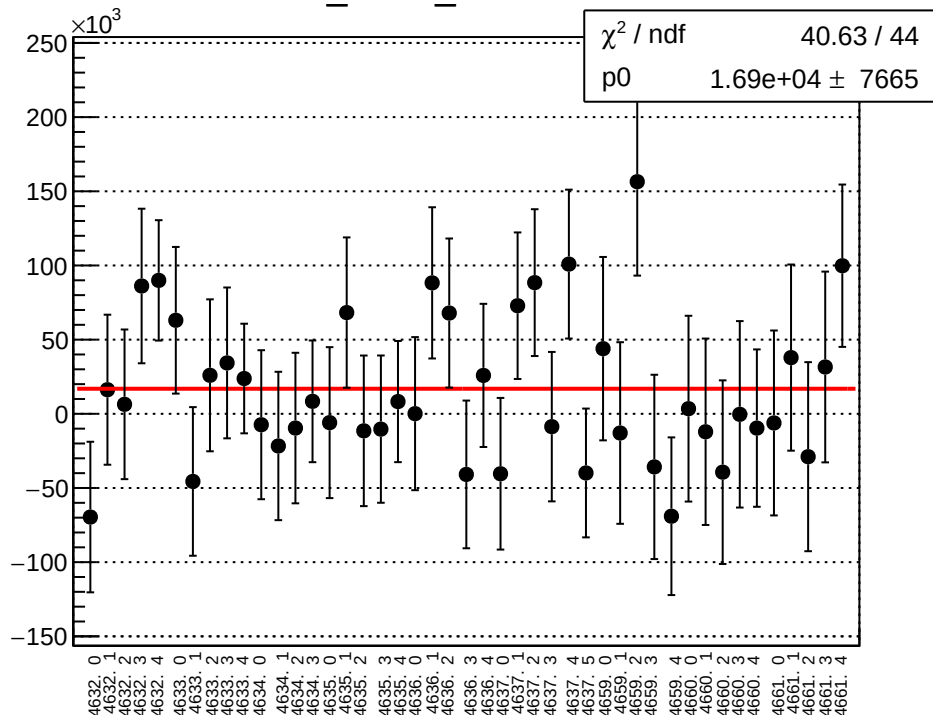
cor_sam3_mean vs run



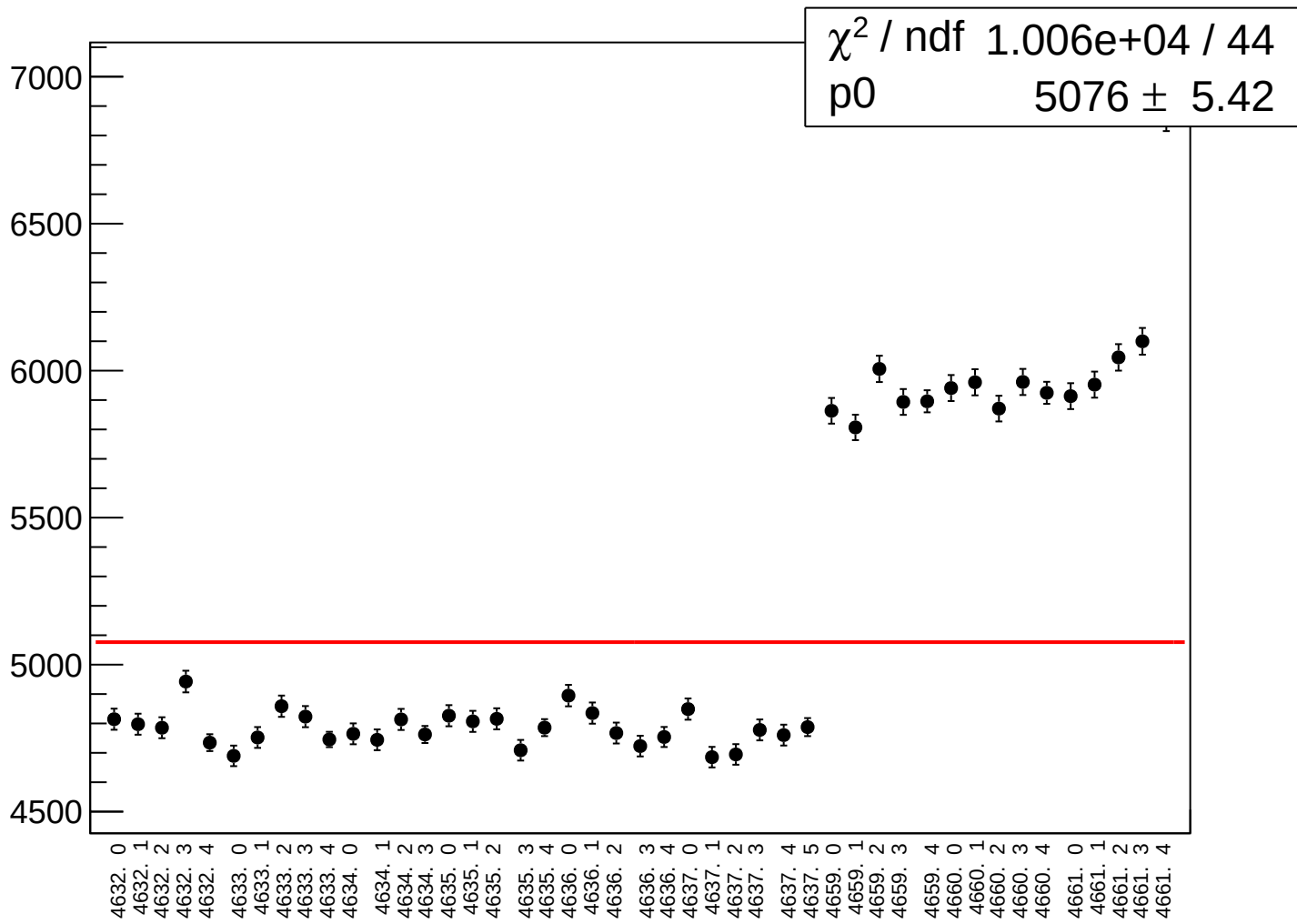
cor_sam3_rms vs run



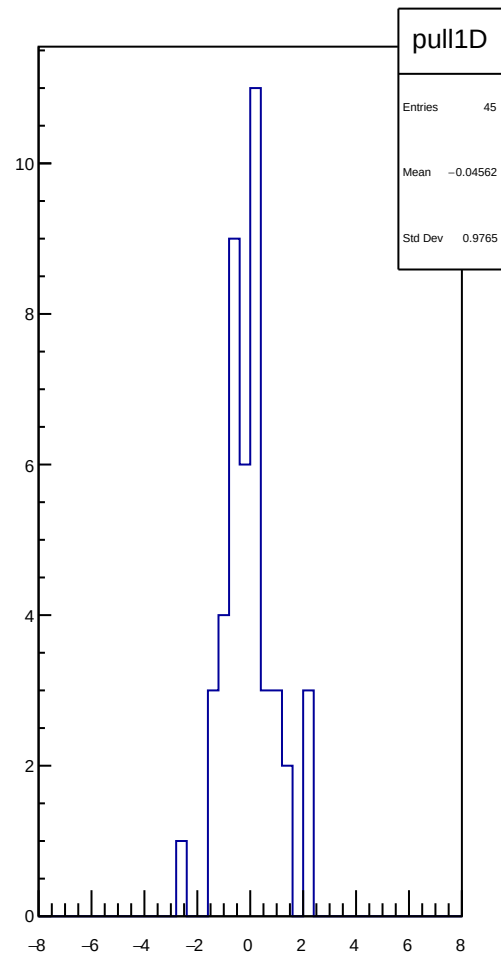
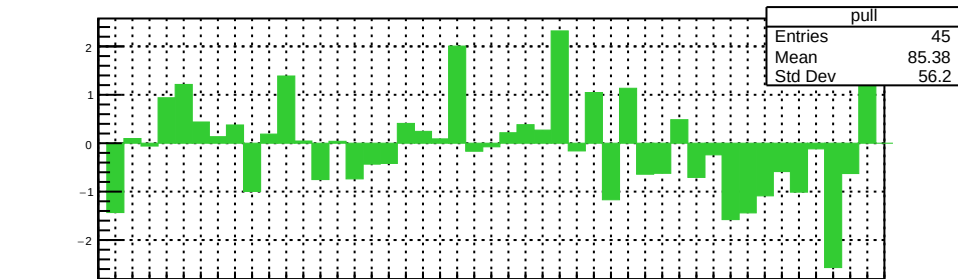
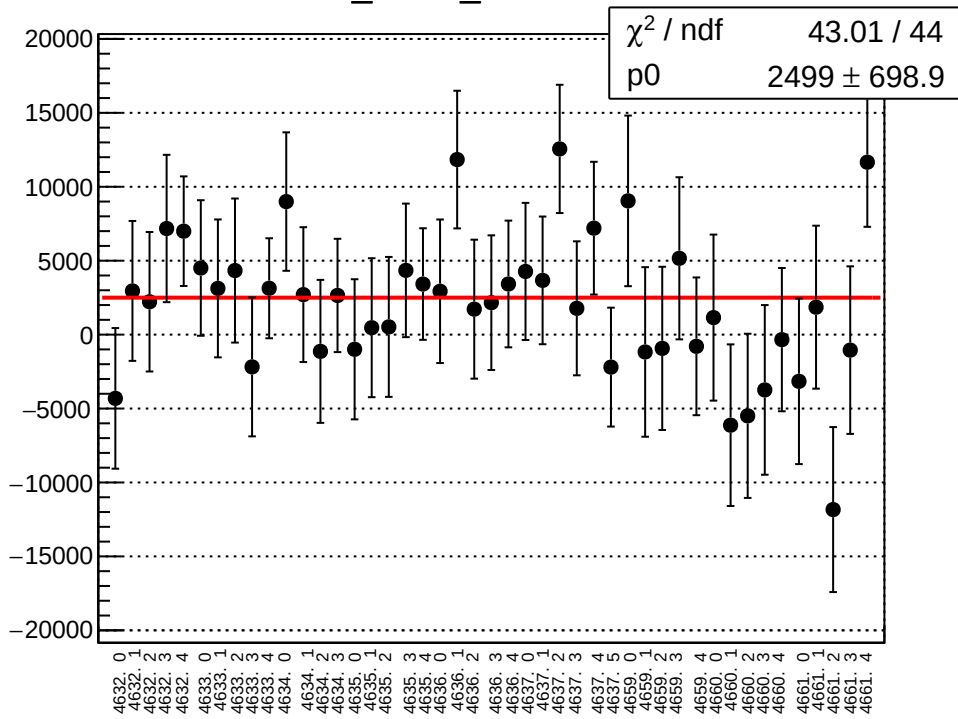
cor_sam4_mean vs run



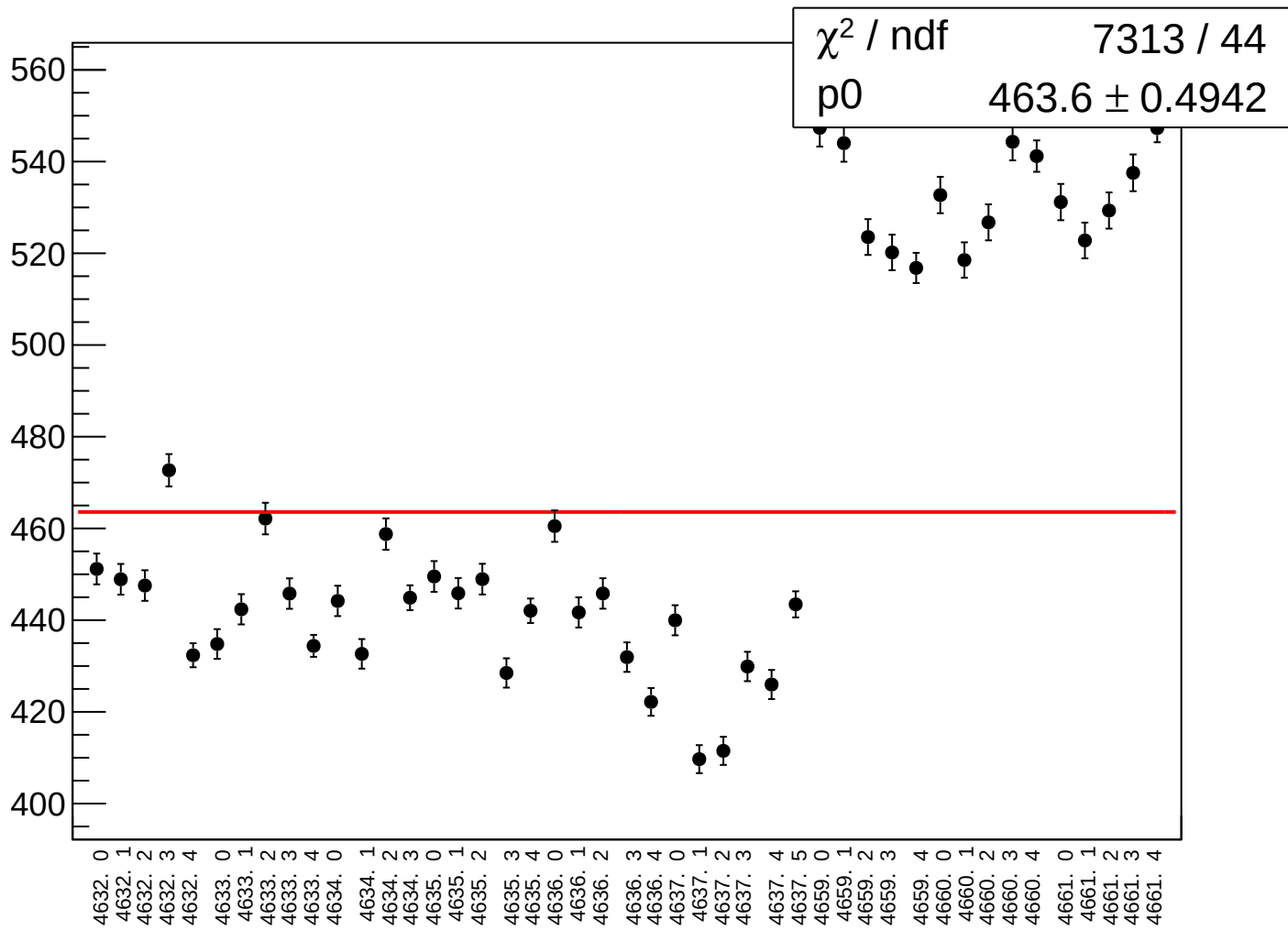
cor_sam4_rms vs run



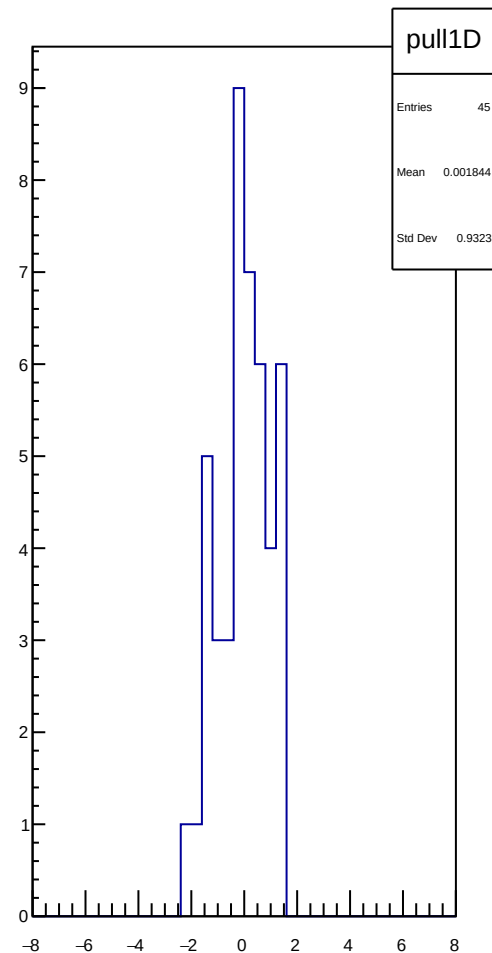
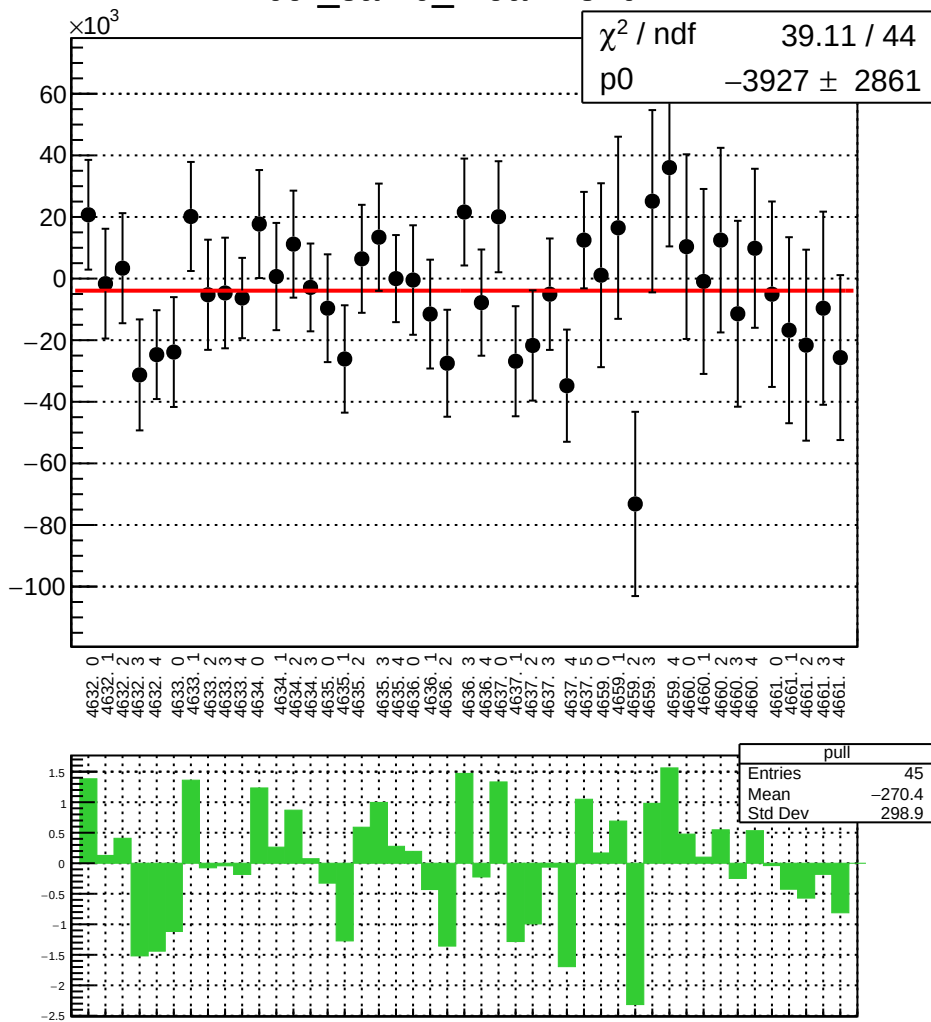
cor_sam5_mean vs run



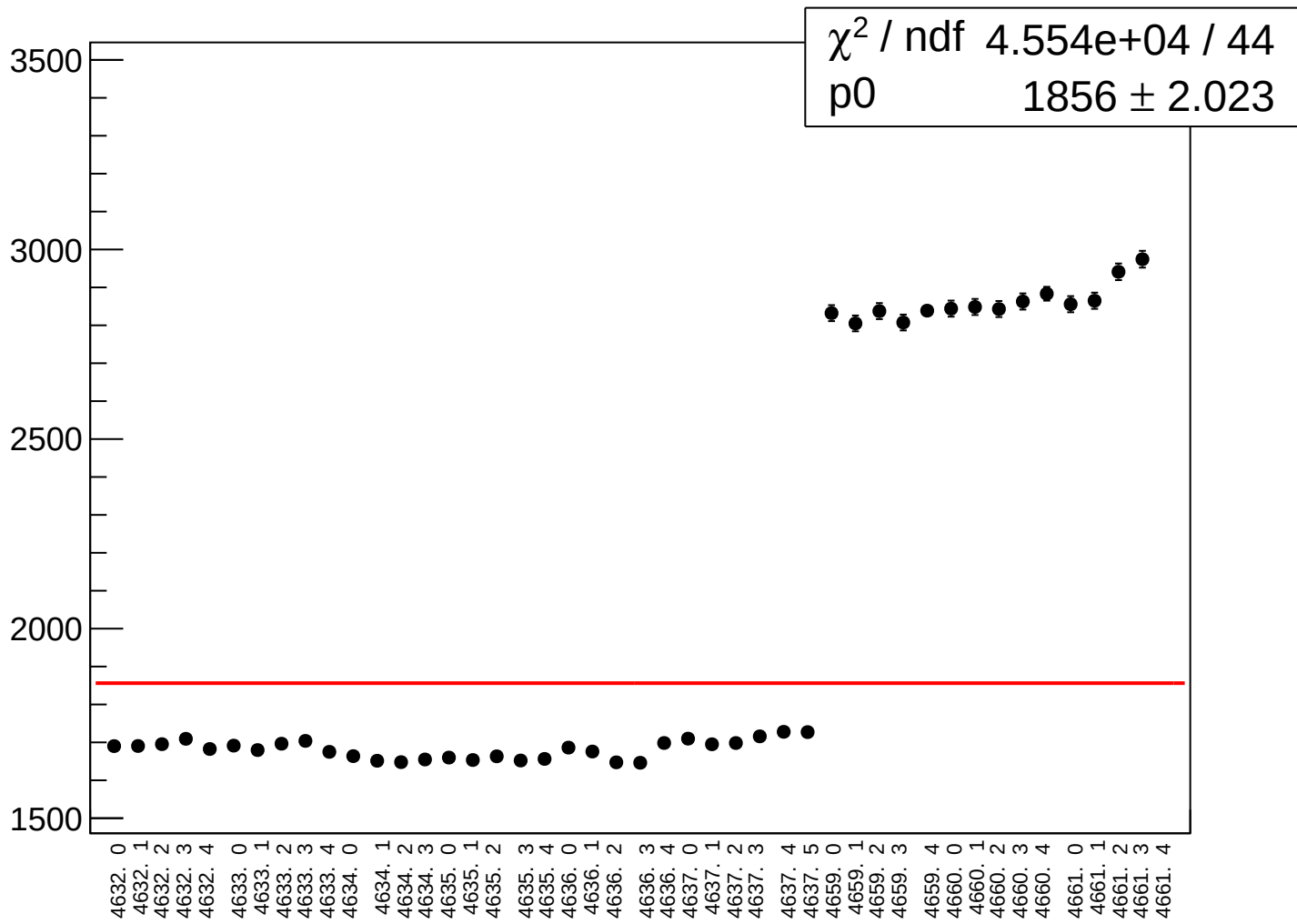
cor_sam5_rms vs run



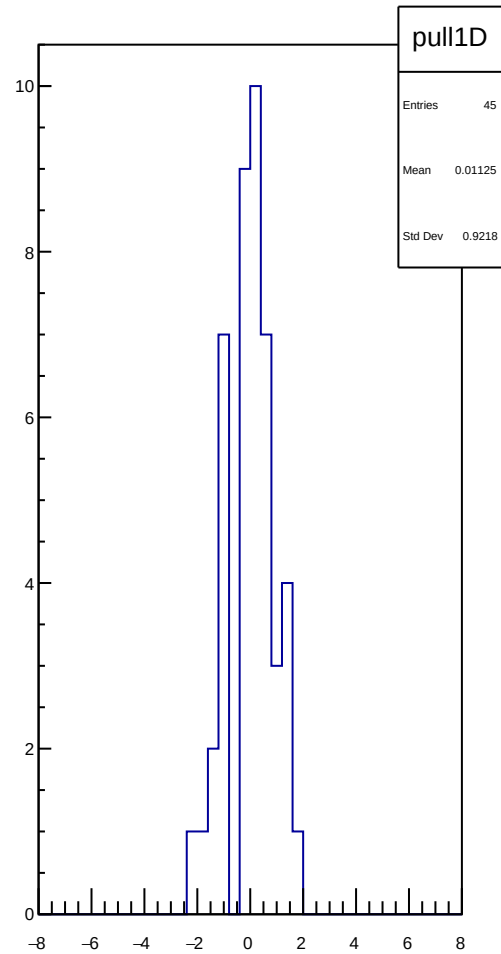
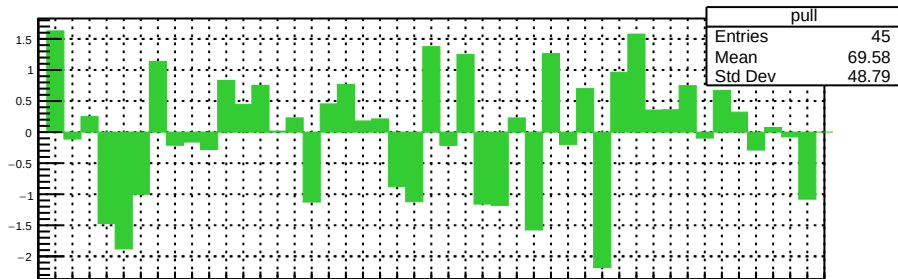
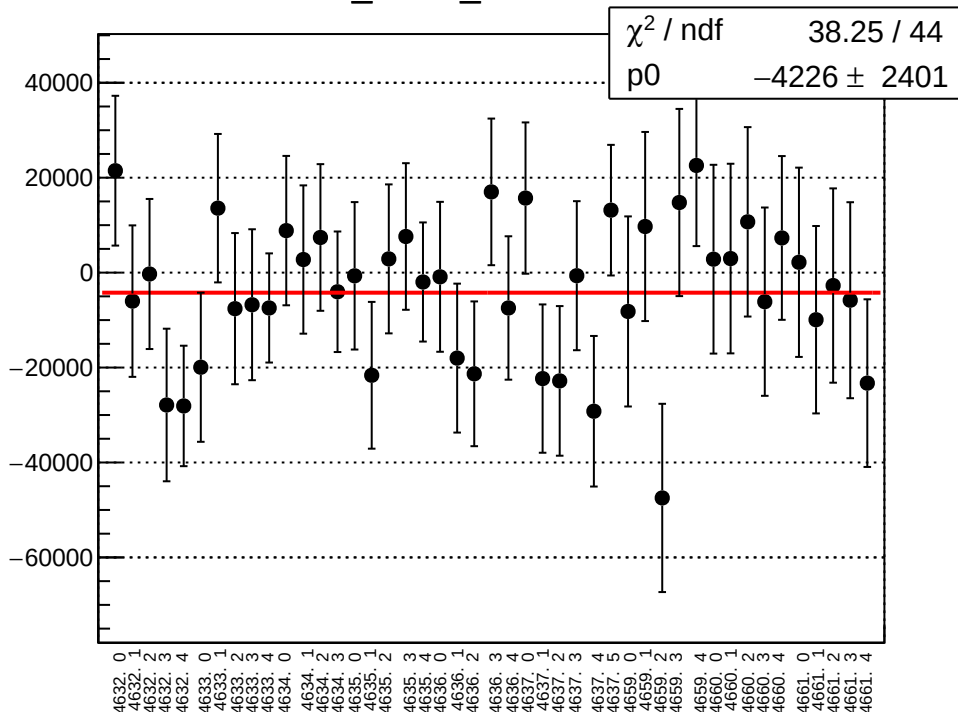
cor_sam6_mean vs run



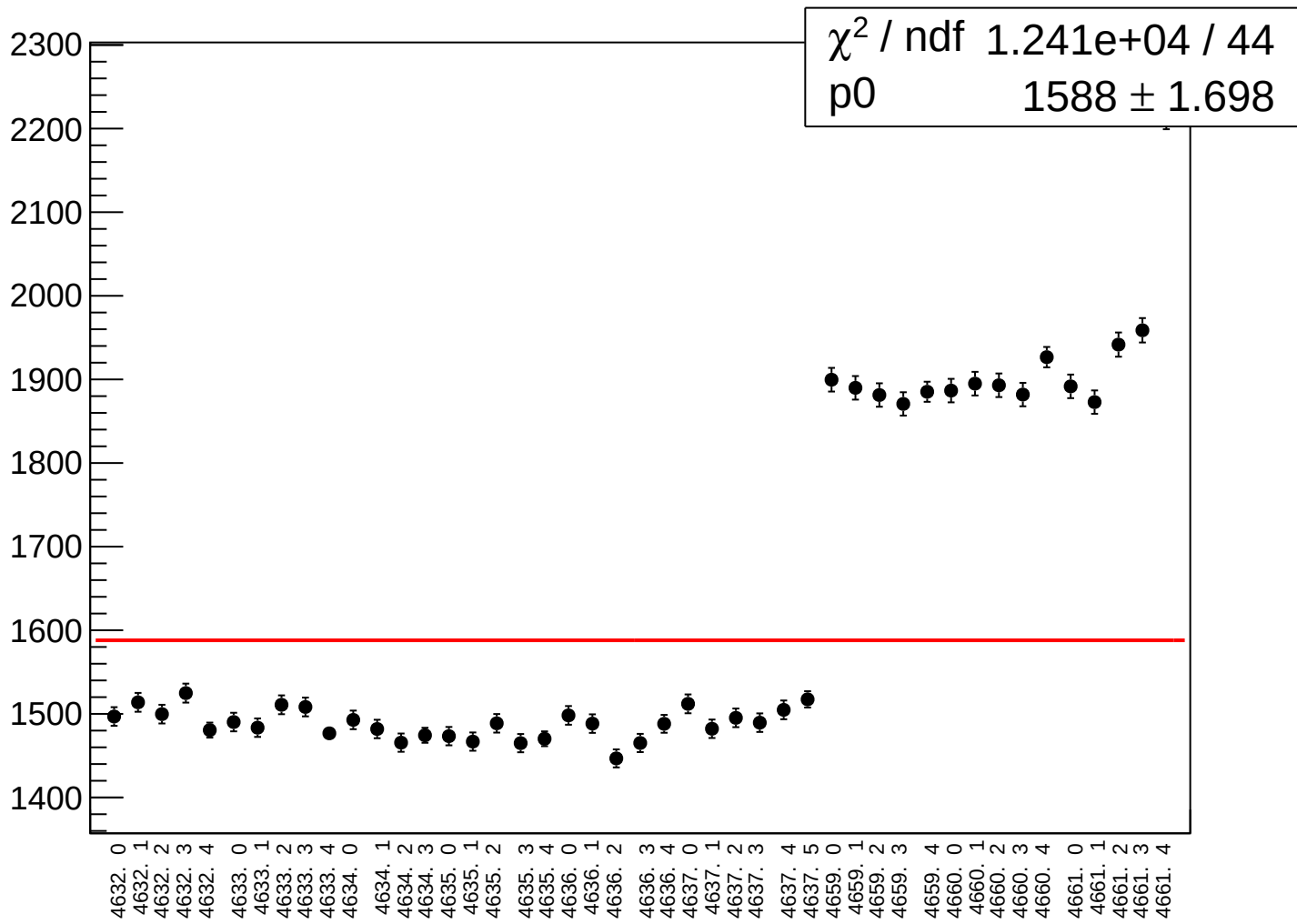
cor_sam6_rms vs run



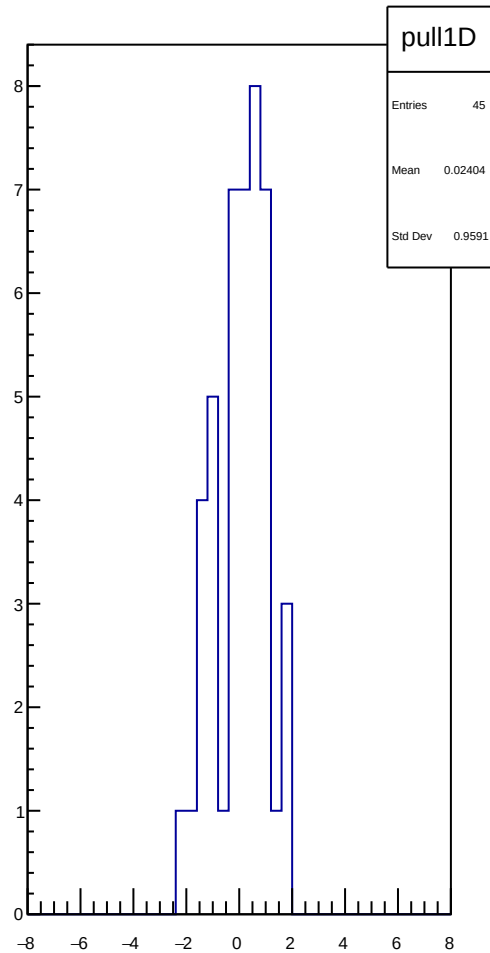
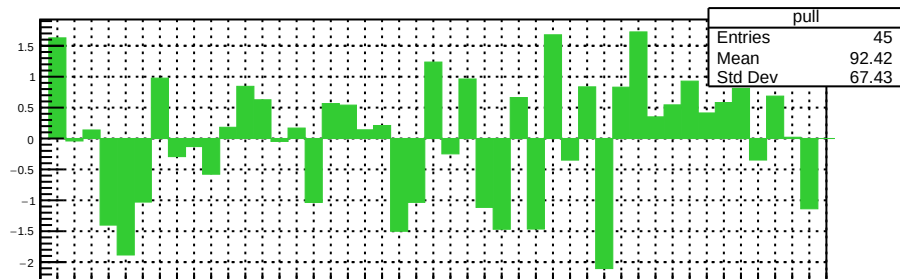
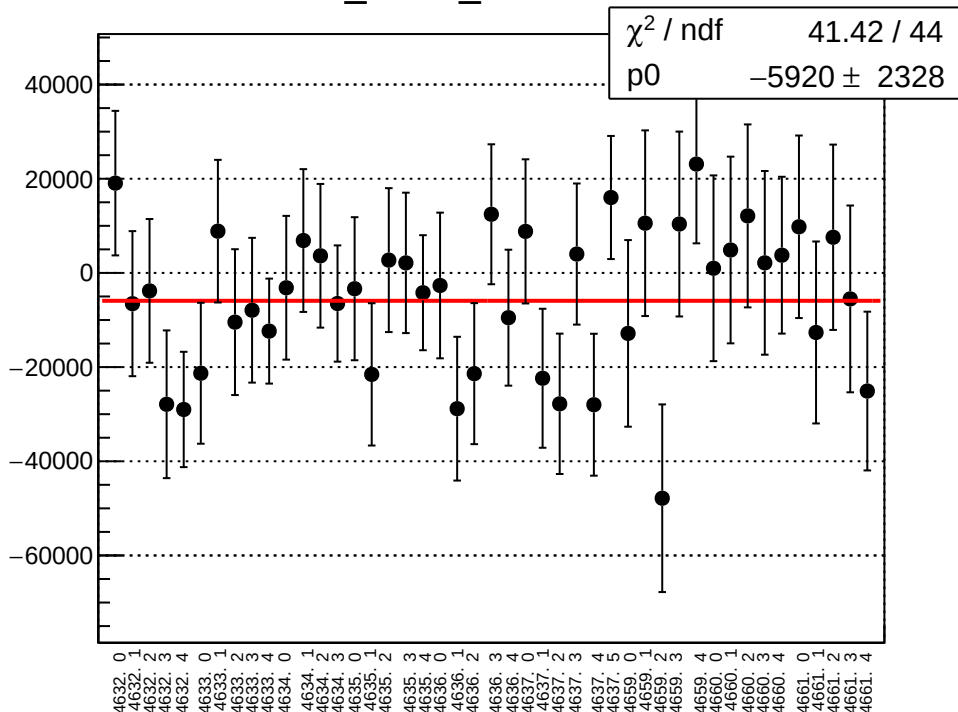
cor_sam7_mean vs run



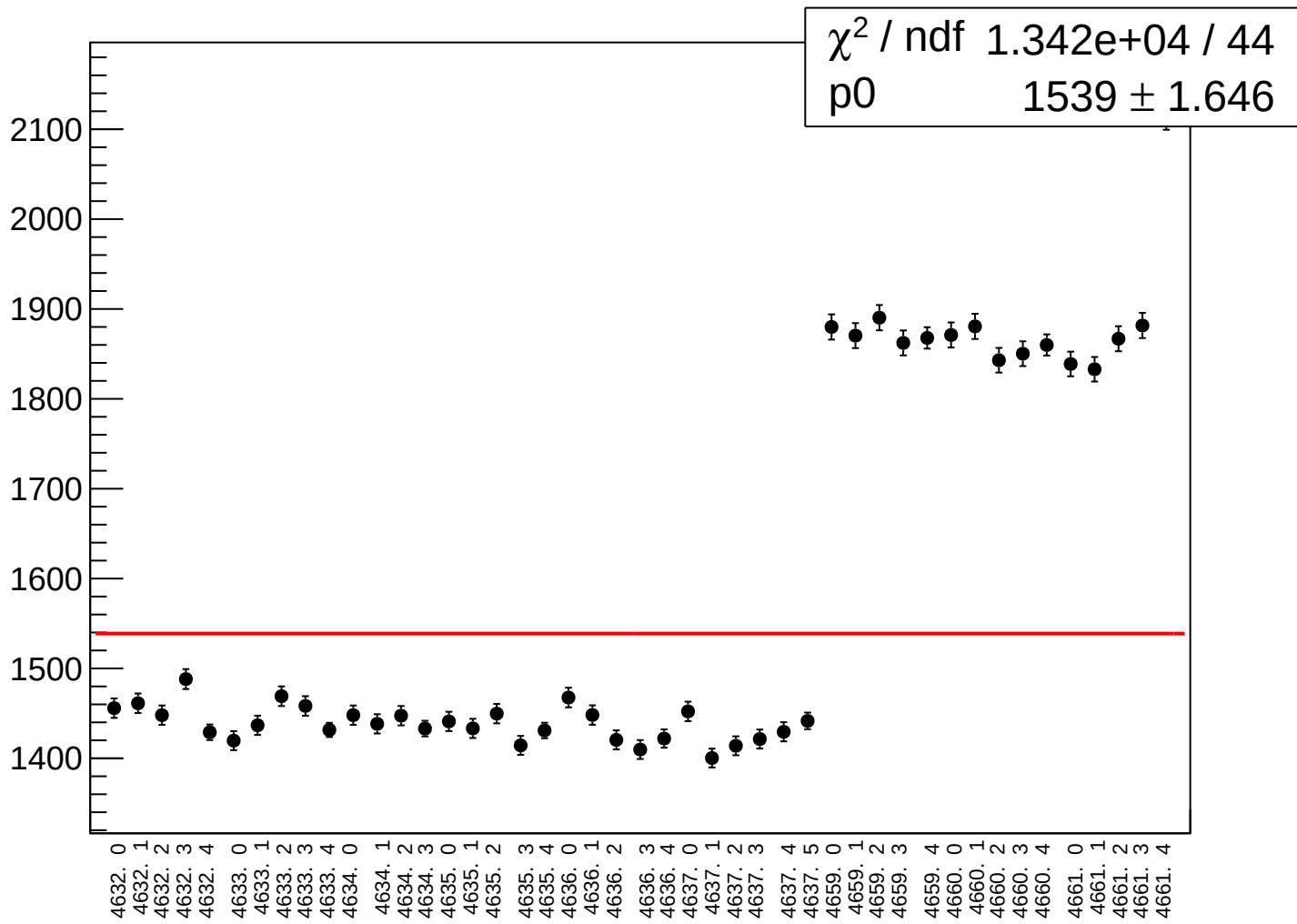
cor_sam7_rms vs run



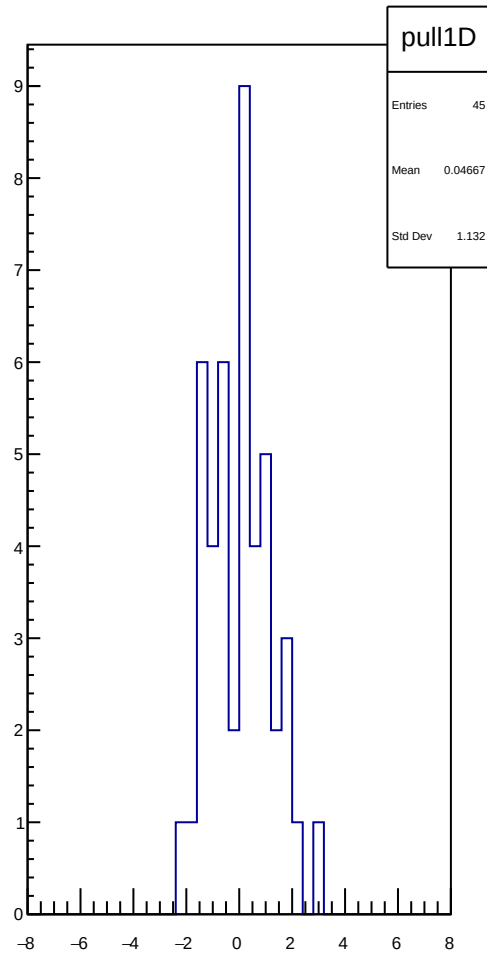
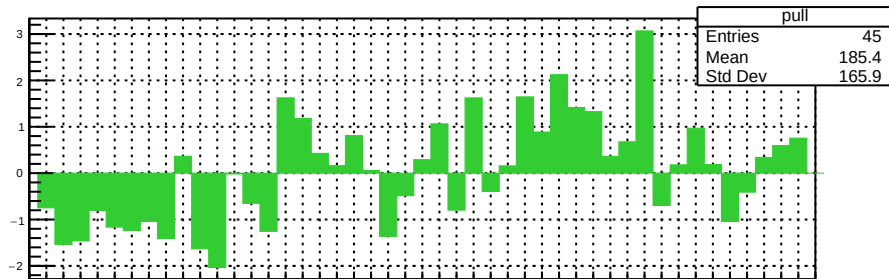
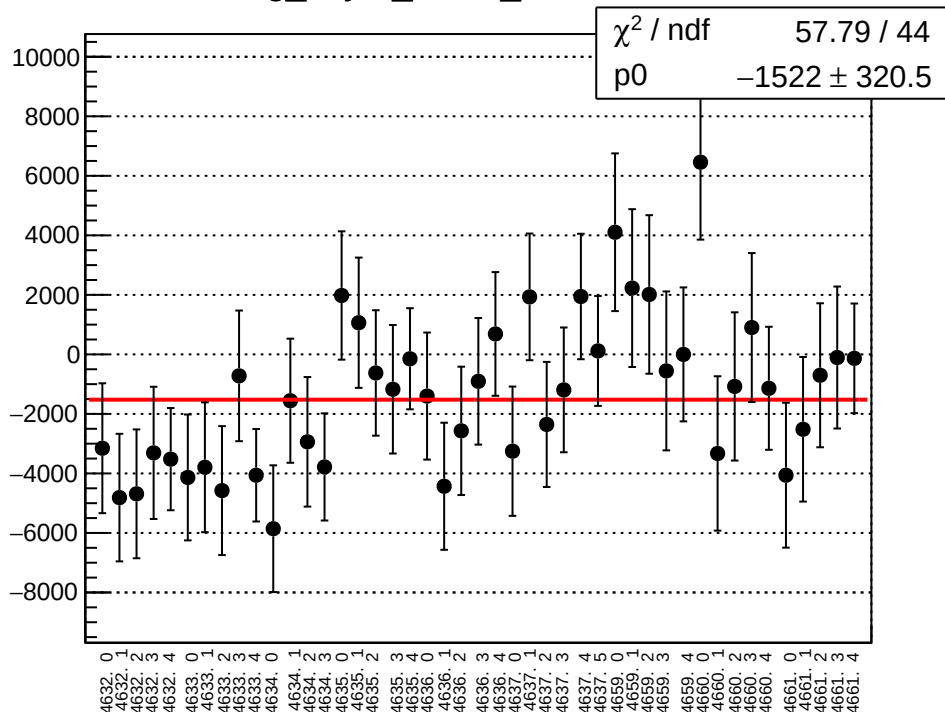
cor_sam8_mean vs run



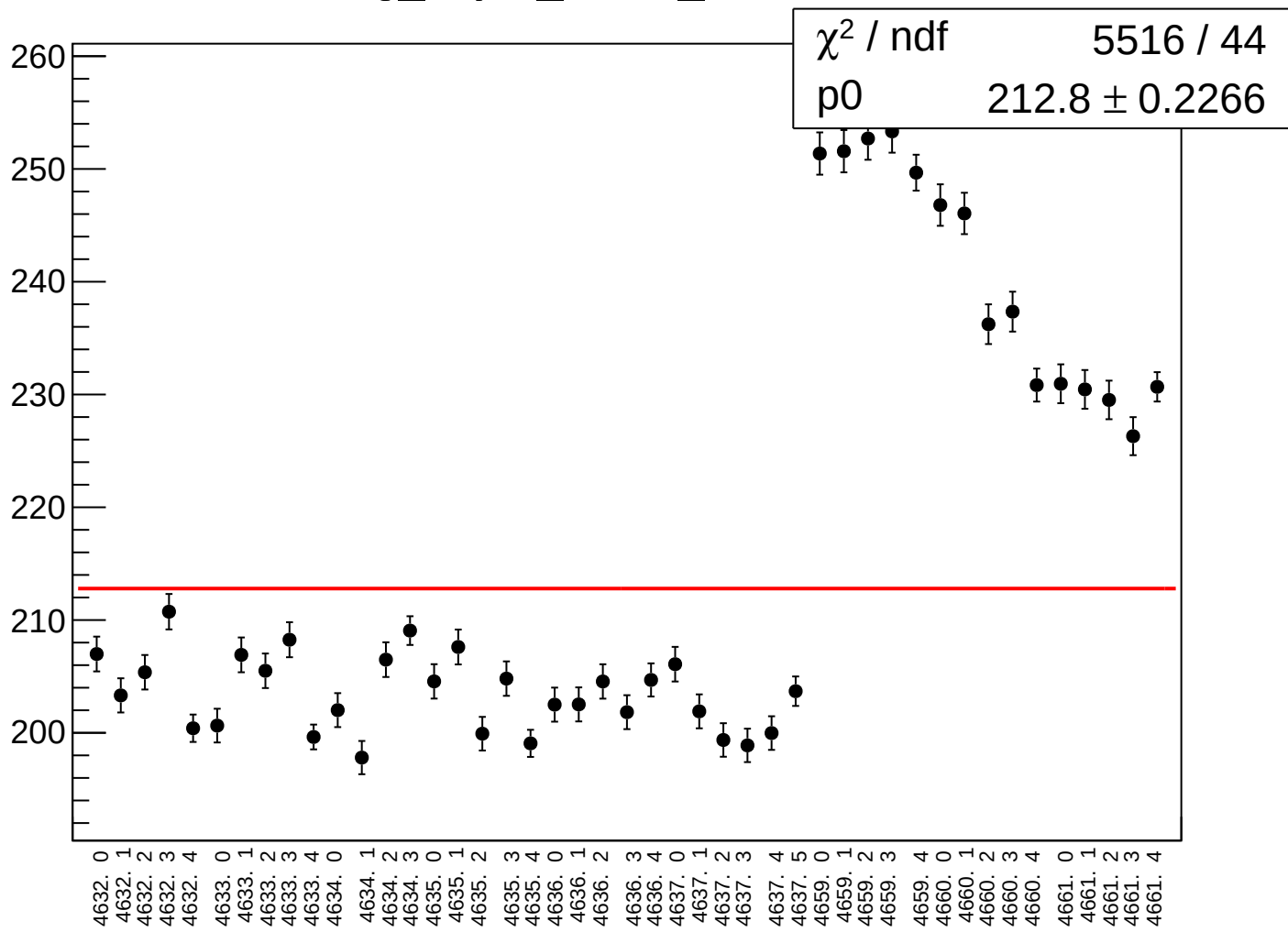
cor_sam8_rms vs run



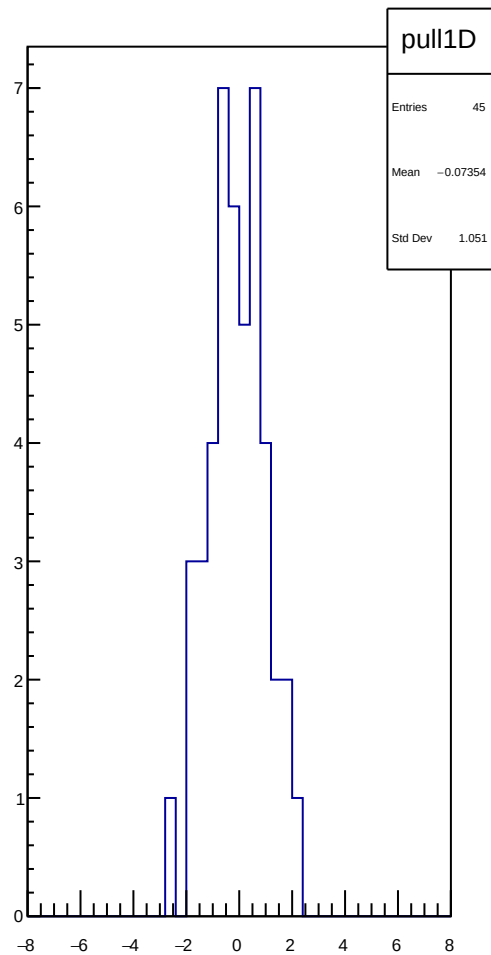
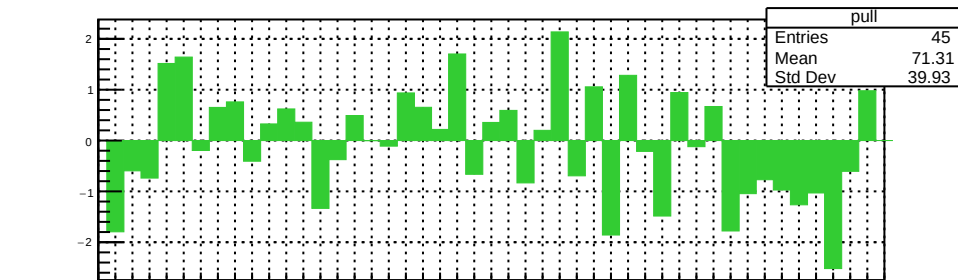
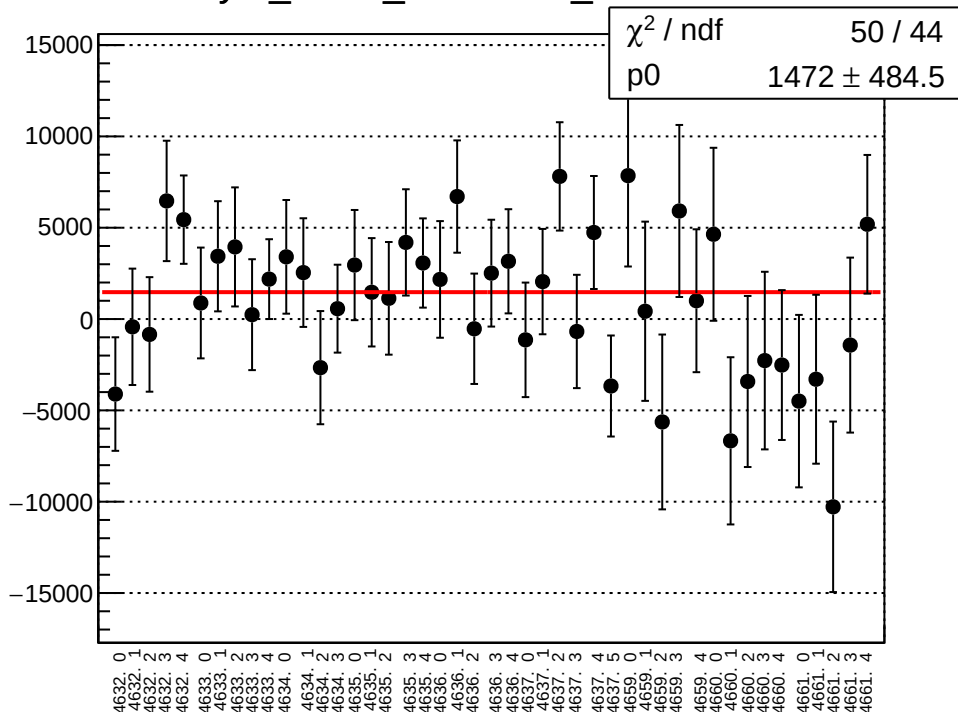
reg_asym_sam1_mean vs run



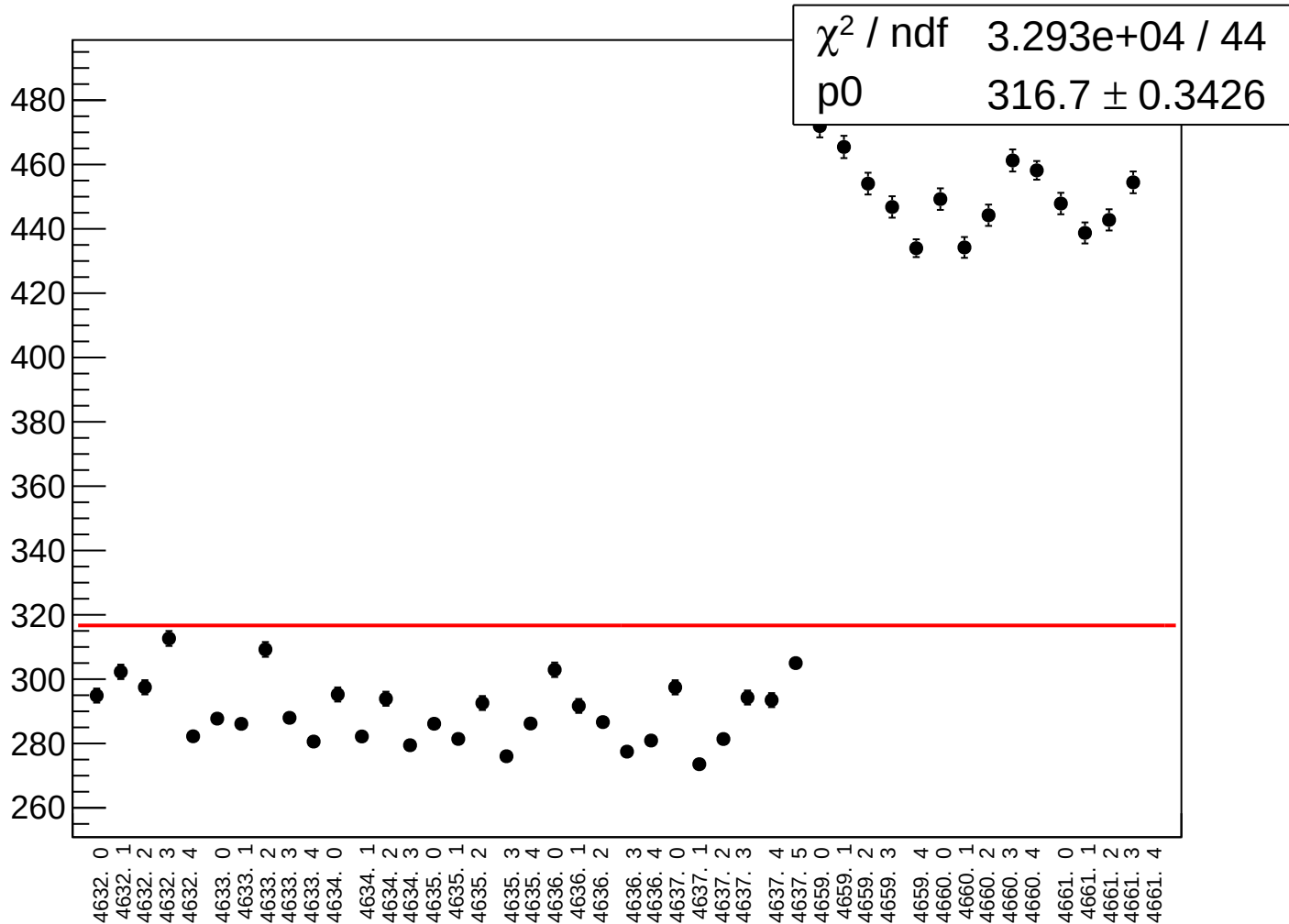
reg_asym_sam1_rms vs run



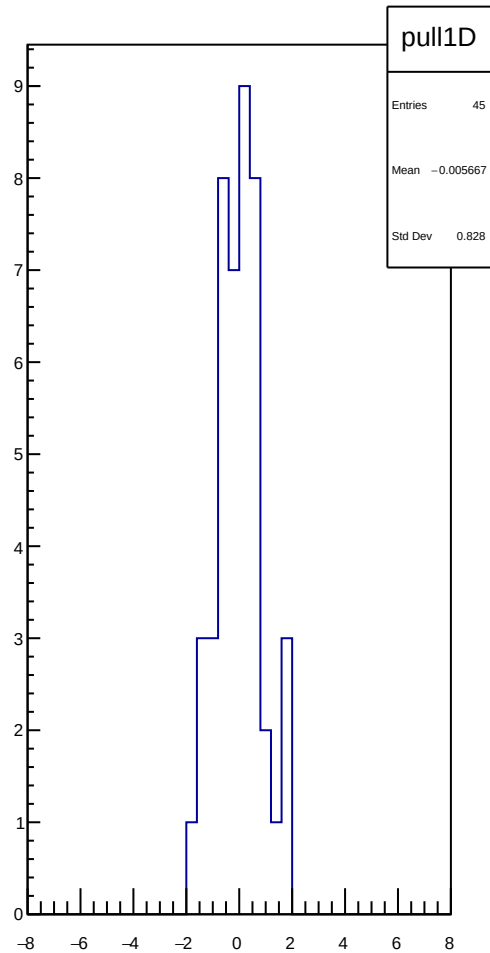
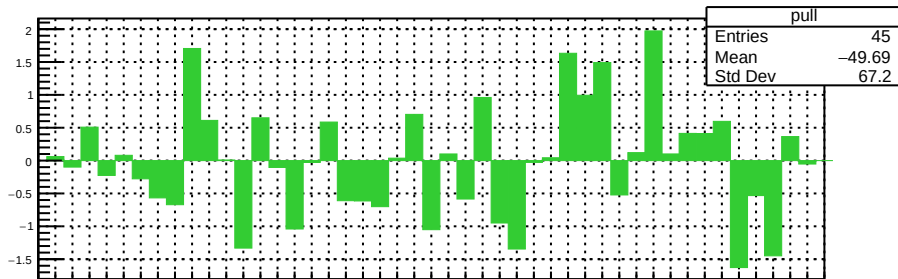
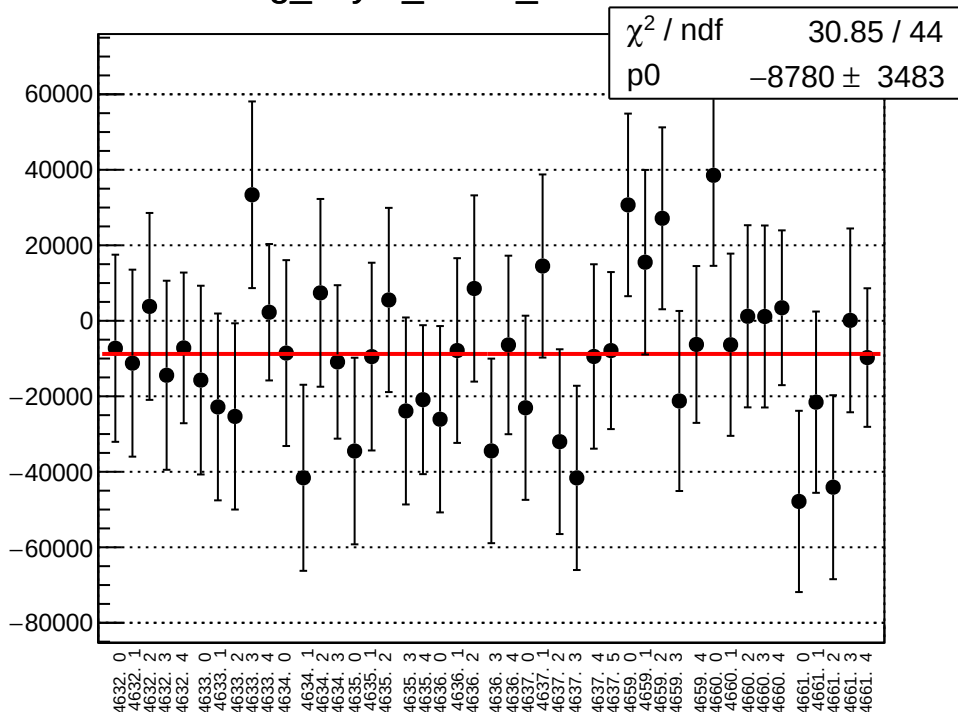
asym_sam1_correction_mean vs run



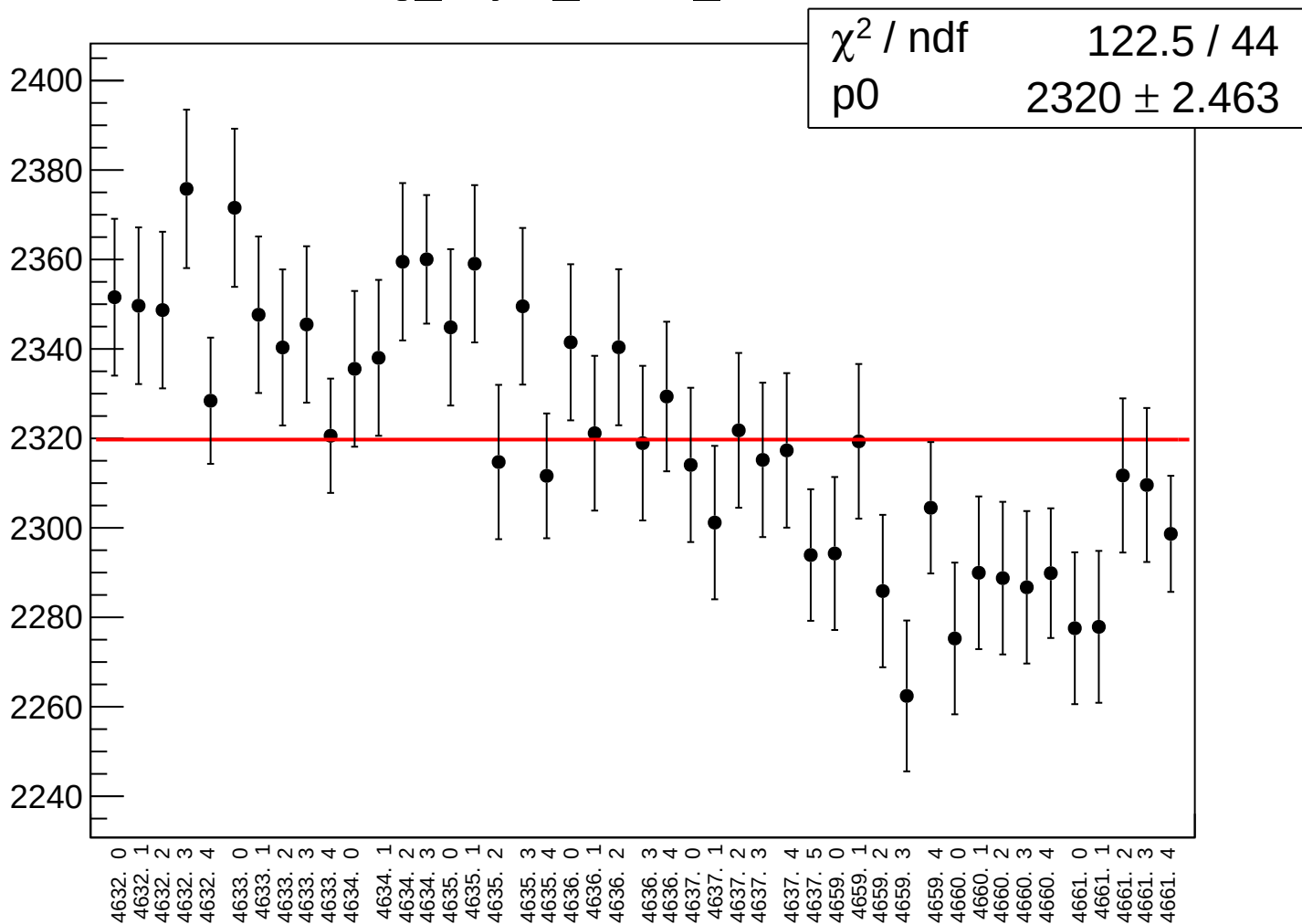
asym_sam1_correction_rms vs run



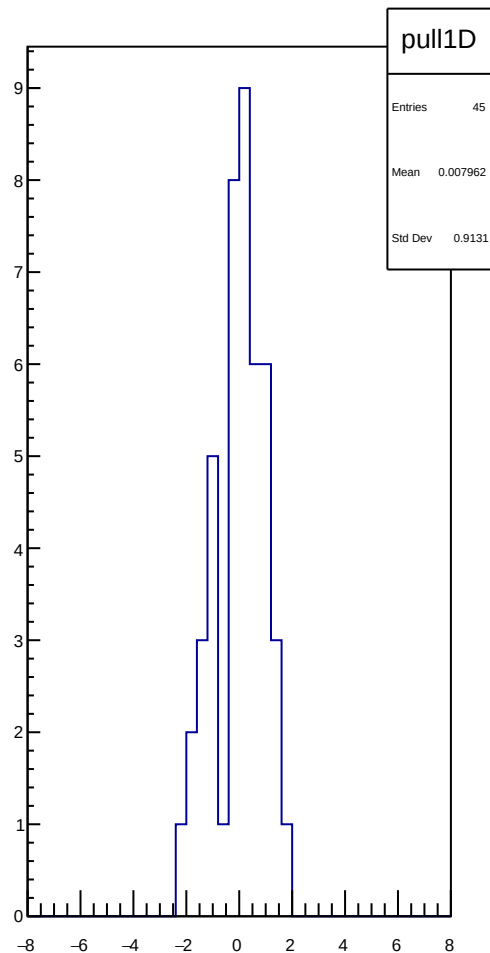
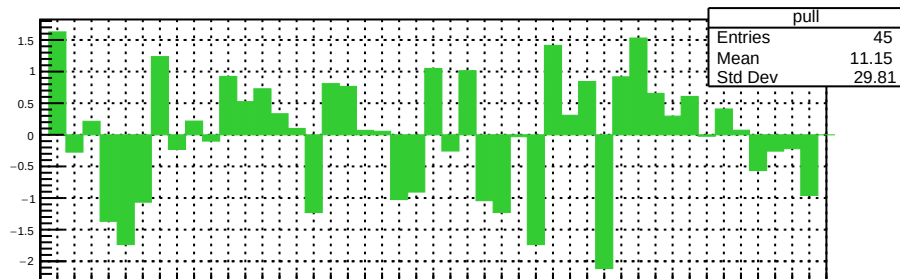
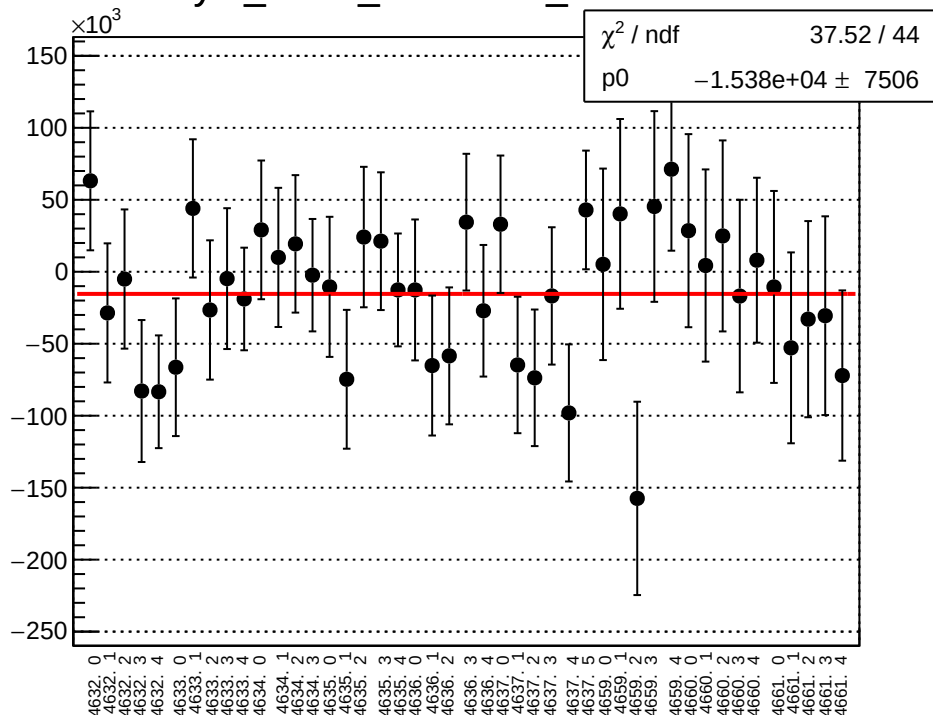
reg_asym_sam2_mean vs run



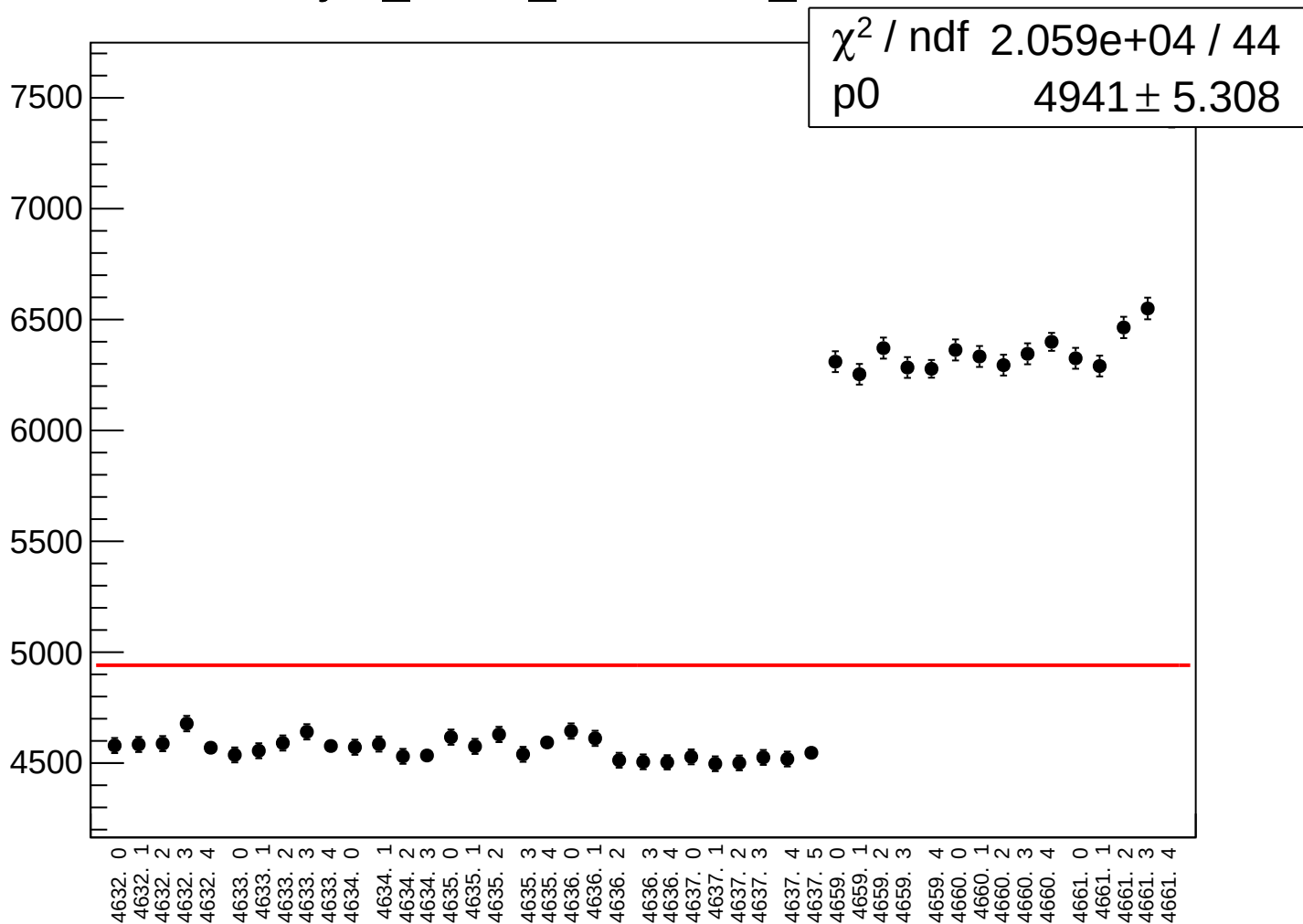
reg_asym_sam2_rms vs run



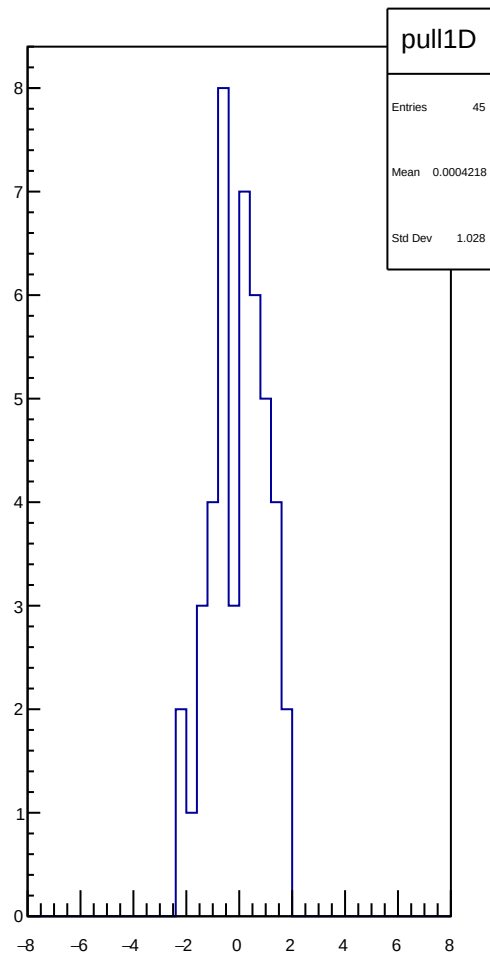
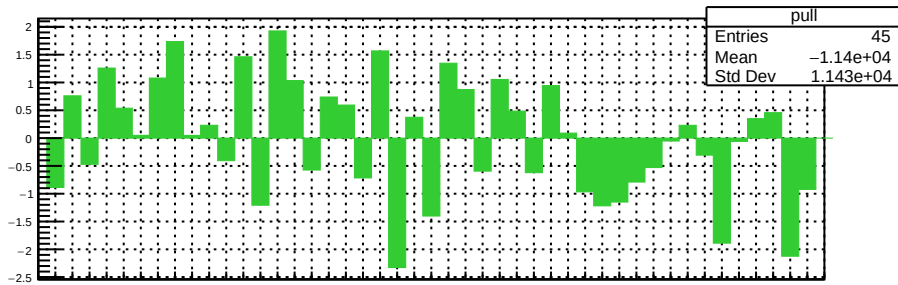
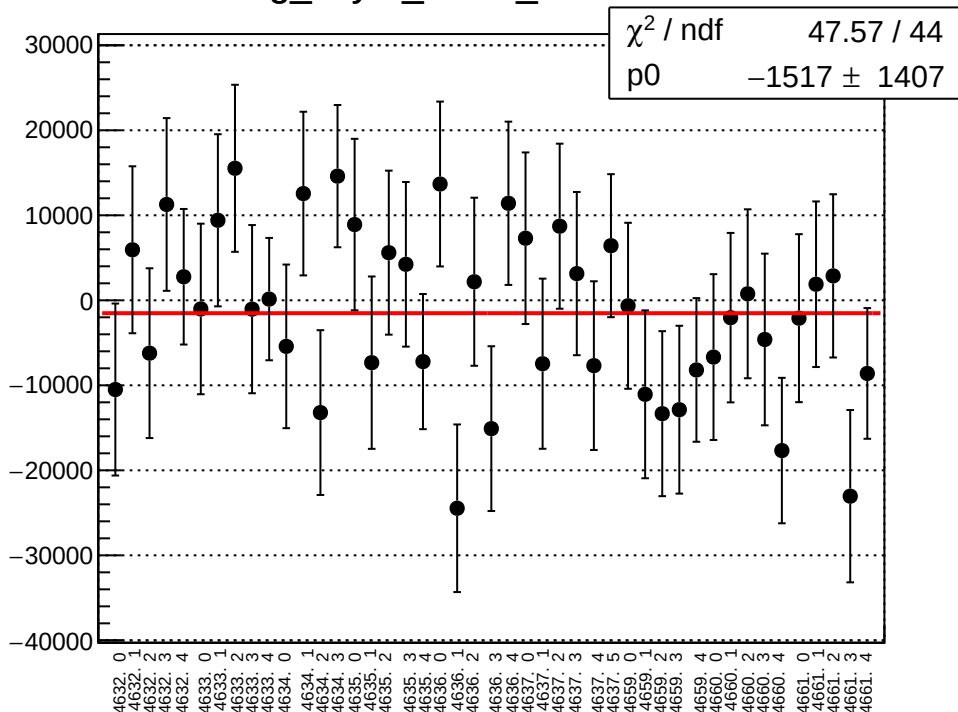
asym_sam2_correction_mean vs run



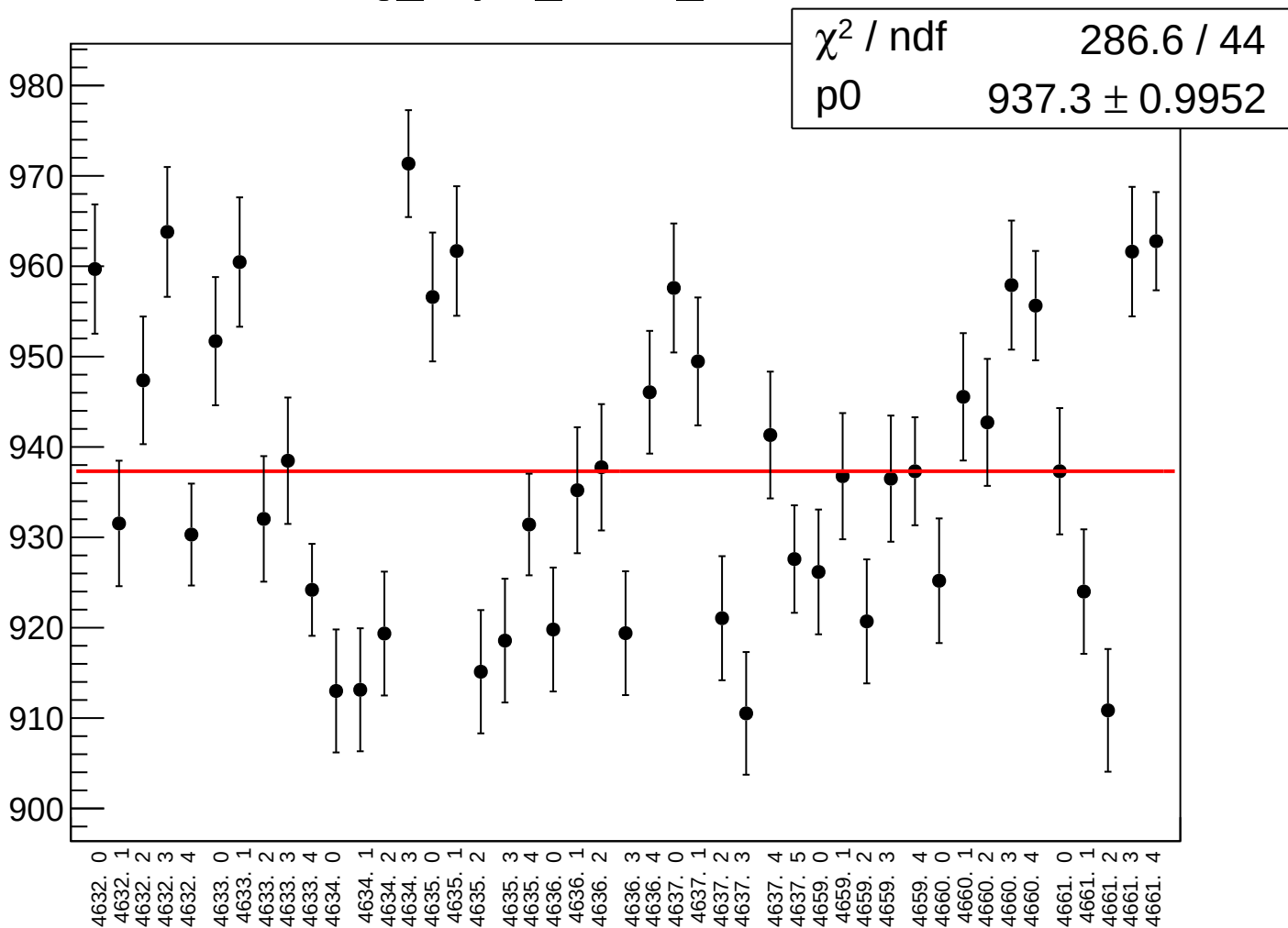
asym_sam2_correction_rms vs run



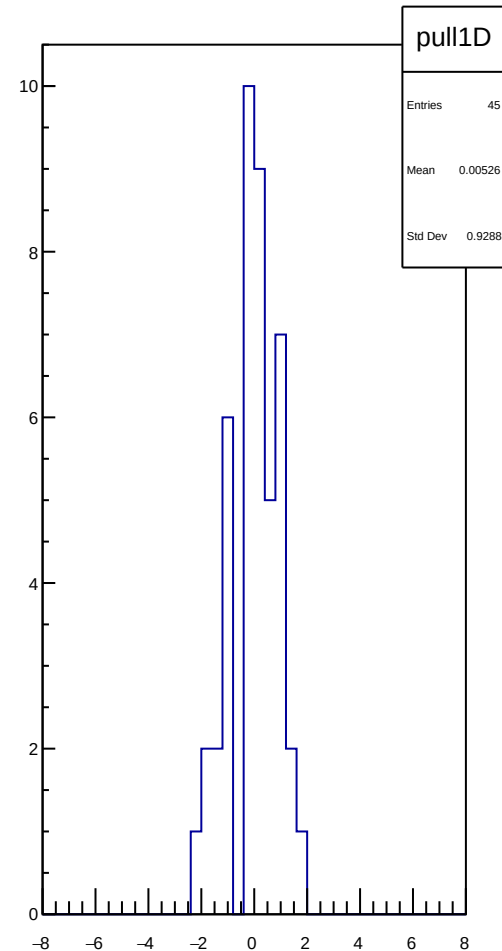
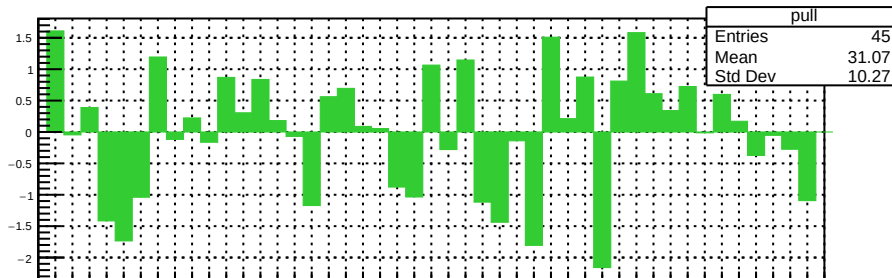
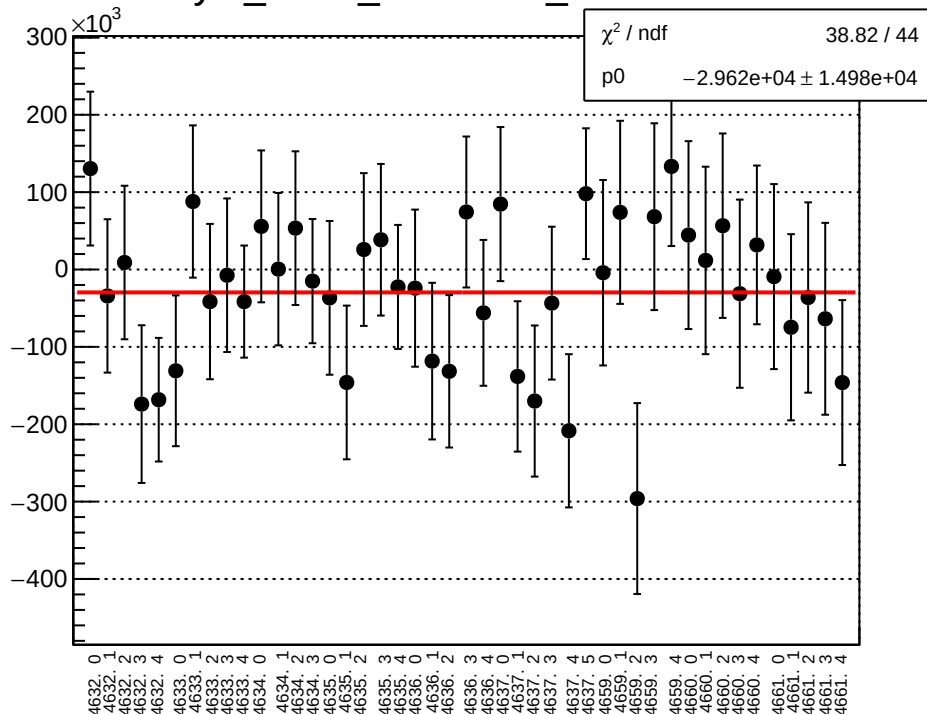
reg_asym_sam3_mean vs run



reg_asym_sam3_rms vs run



asym_sam3_correction_mean vs run



asym_sam3_correction_rms vs run

χ^2 / ndf

9020 / 44

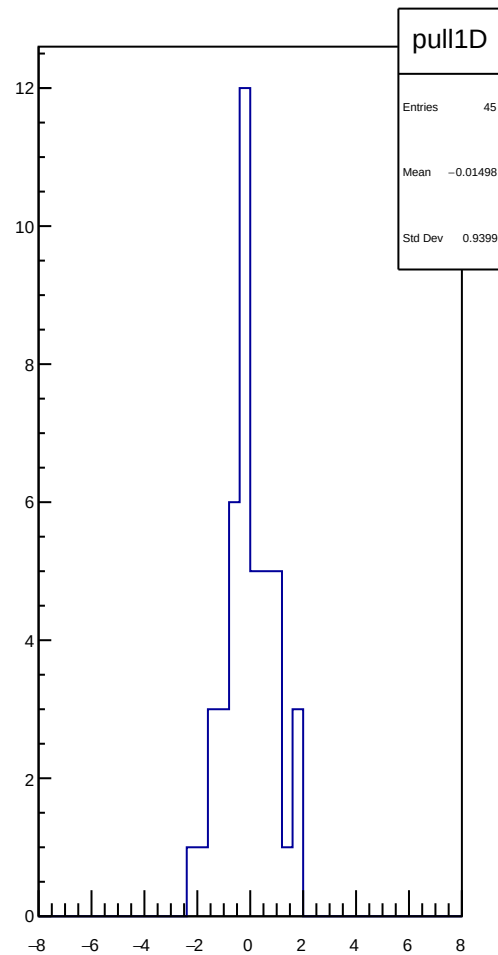
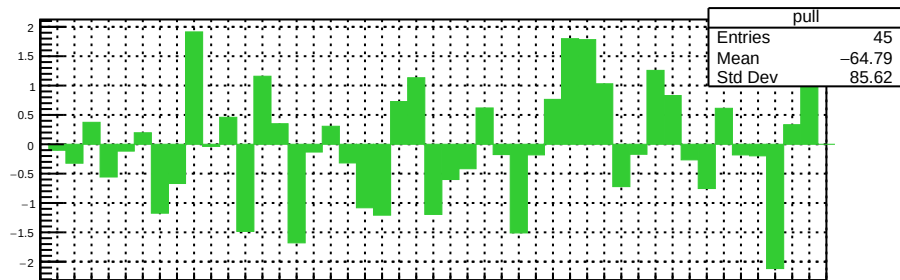
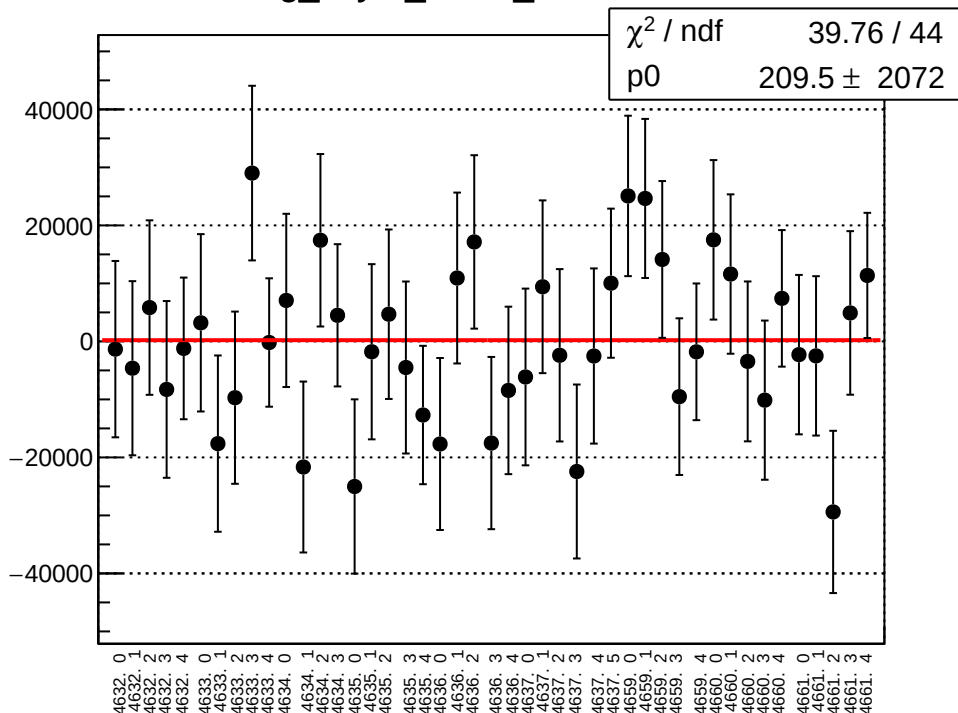
p0

9930 ± 10.6

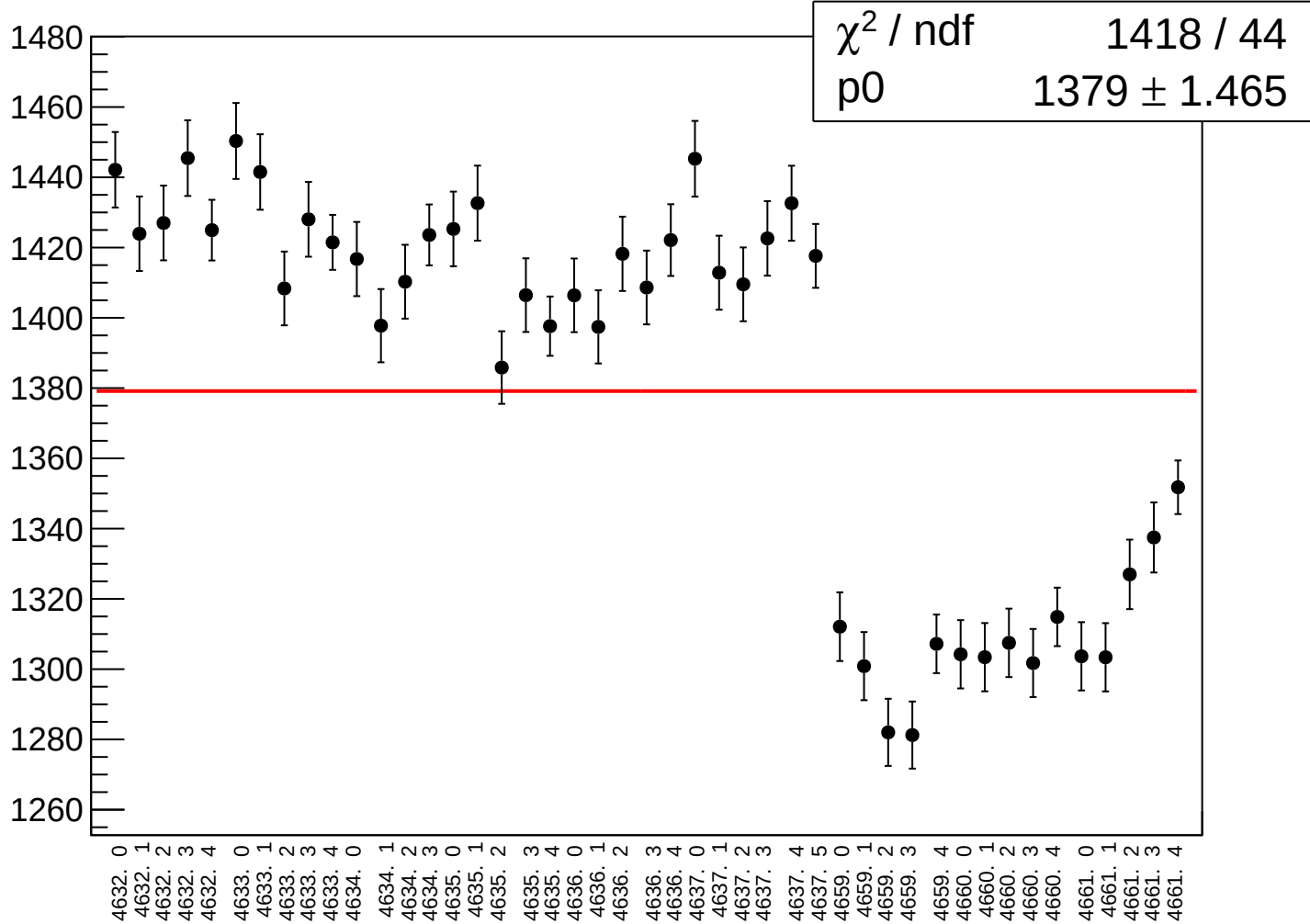
13000
12000
11000
10000
9000

4632. 0
4632. 1
4632. 2
4632. 3
4632. 4
4633. 0
4633. 1
4633. 2
4633. 3
4633. 4
4634. 0
4634. 1
4634. 2
4634. 3
4635. 0
4635. 1
4635. 2
4635. 3
4635. 4
4636. 0
4636. 1
4636. 2
4636. 3
4636. 4
4637. 0
4637. 1
4637. 2
4637. 3
4637. 4
4637. 5
4659. 0
4659. 1
4659. 2
4659. 3
4659. 4
4660. 0
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4660. 2
4660. 3
4660. 4
4661. 0
4661. 1
4661. 2
4661. 3
4661. 4

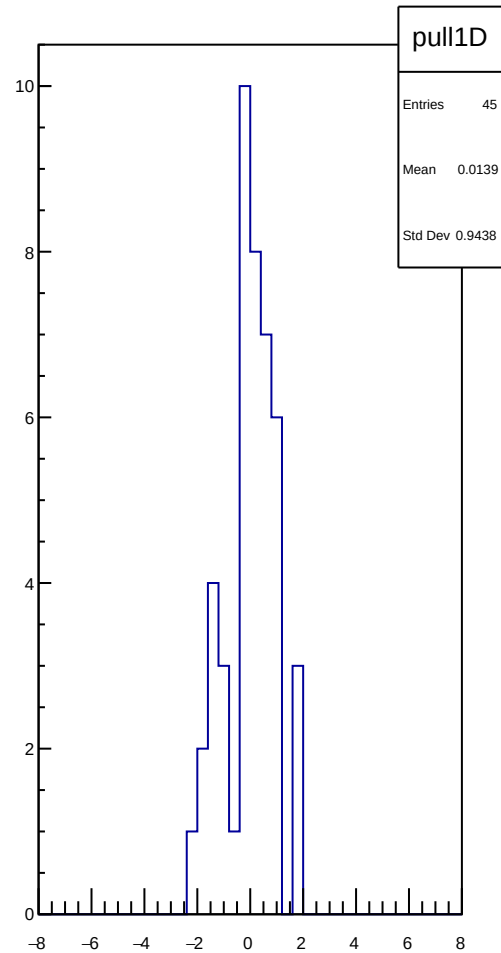
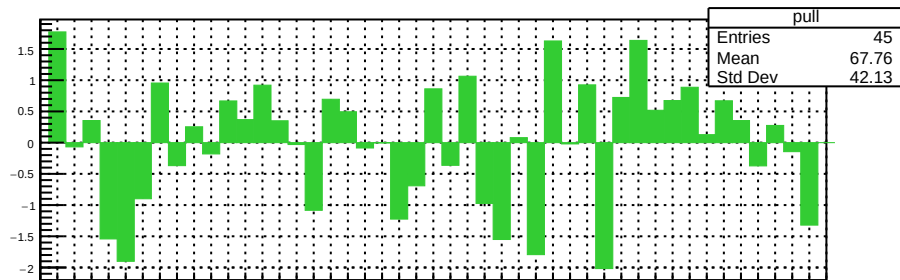
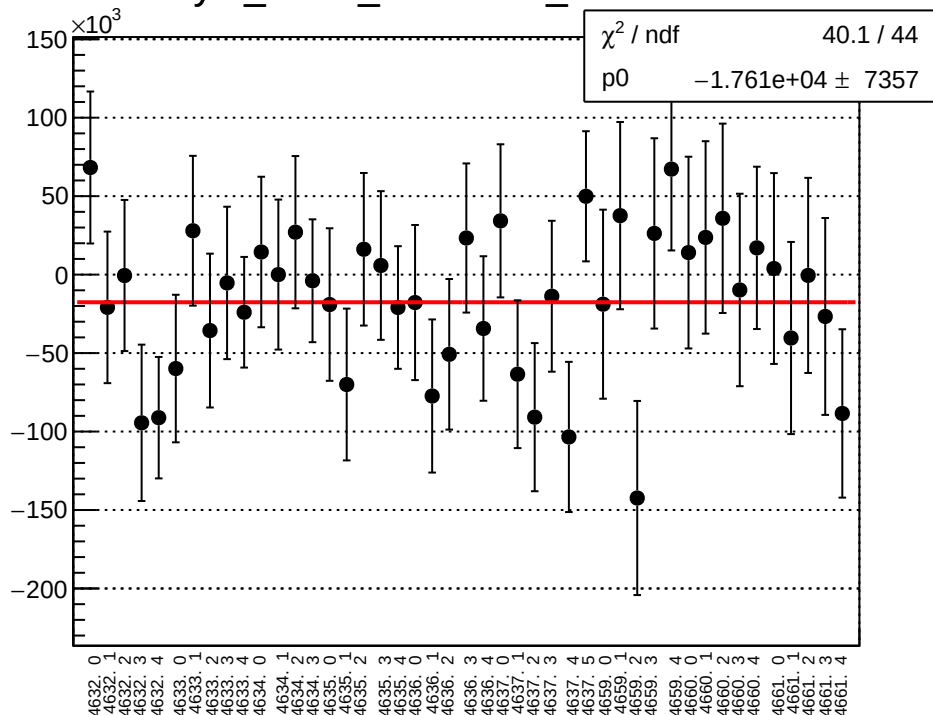
reg_asym_sam4_mean vs run



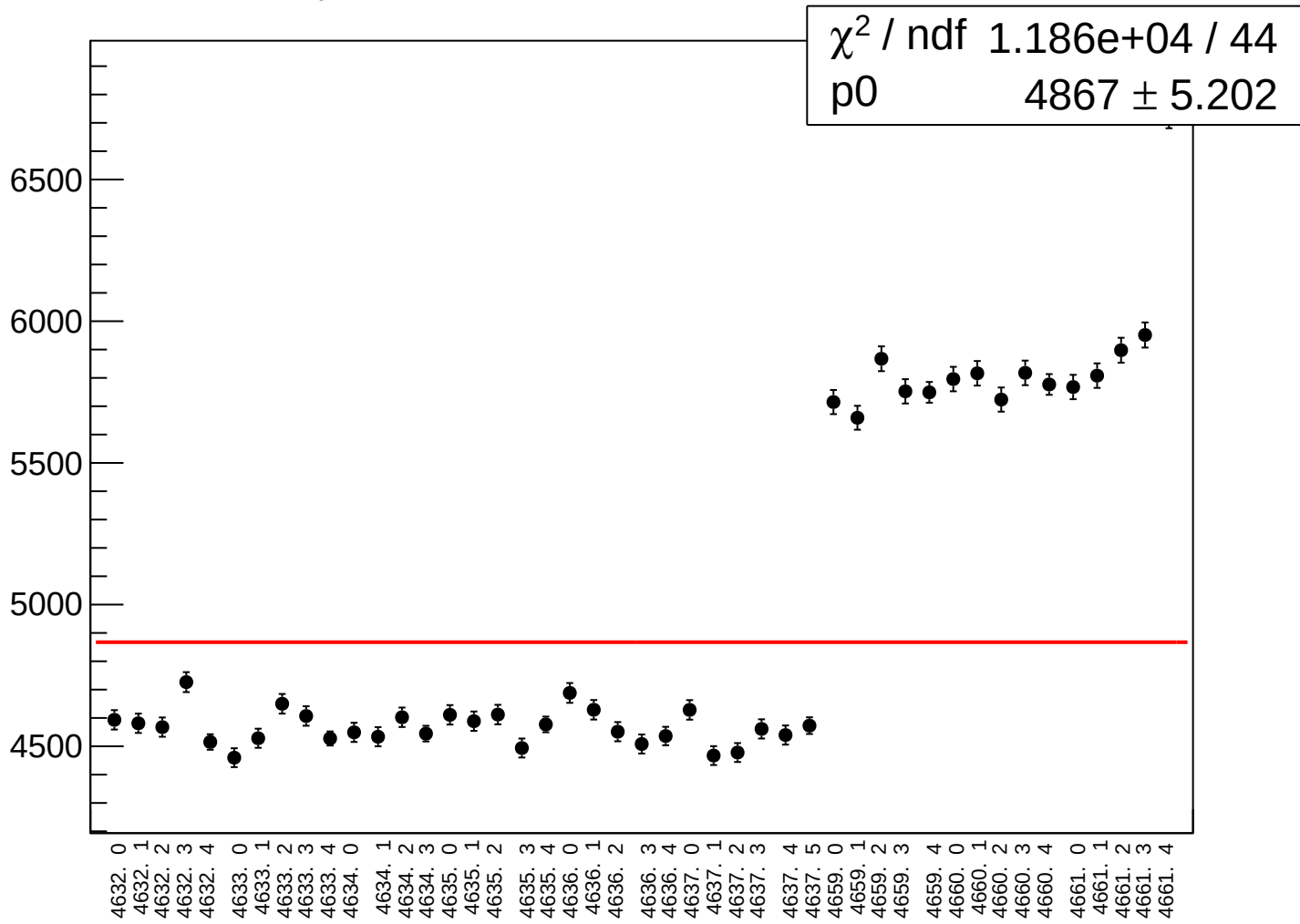
reg_asym_sam4_rms vs run



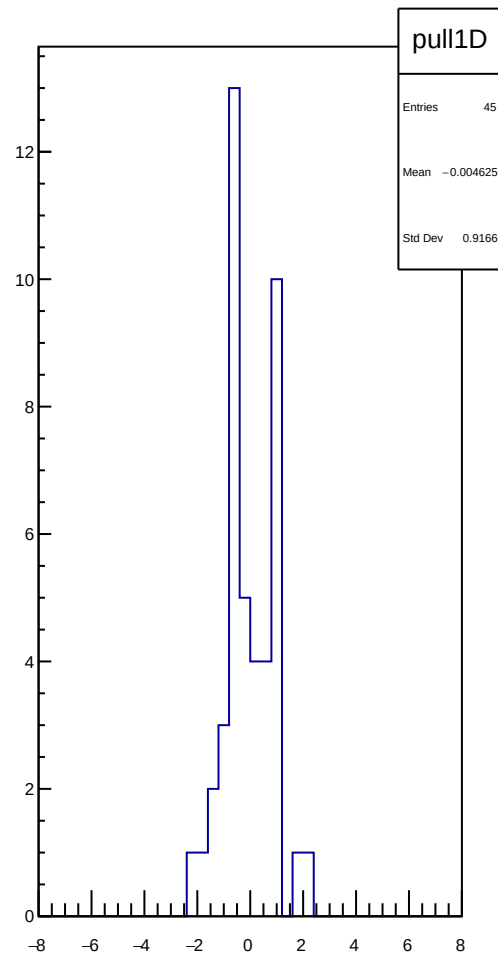
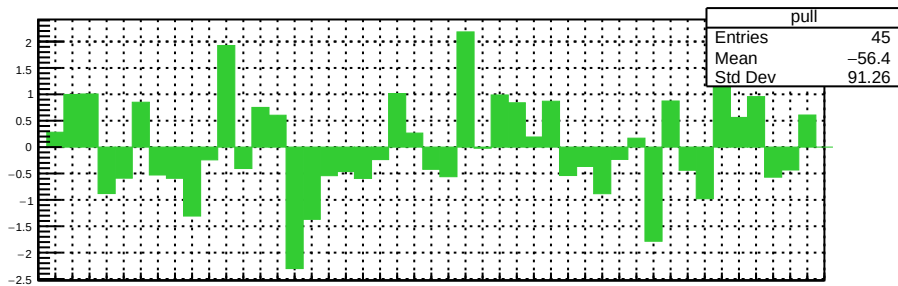
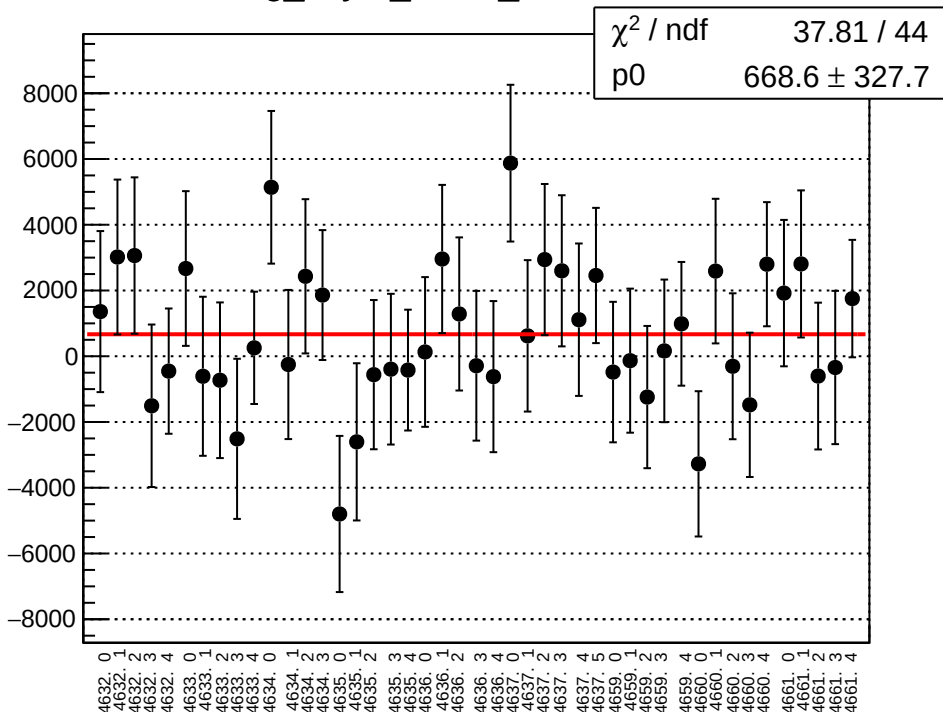
asym_sam4_correction_mean vs run



asym_sam4_correction_rms vs run



reg_asym_sam5_mean vs run



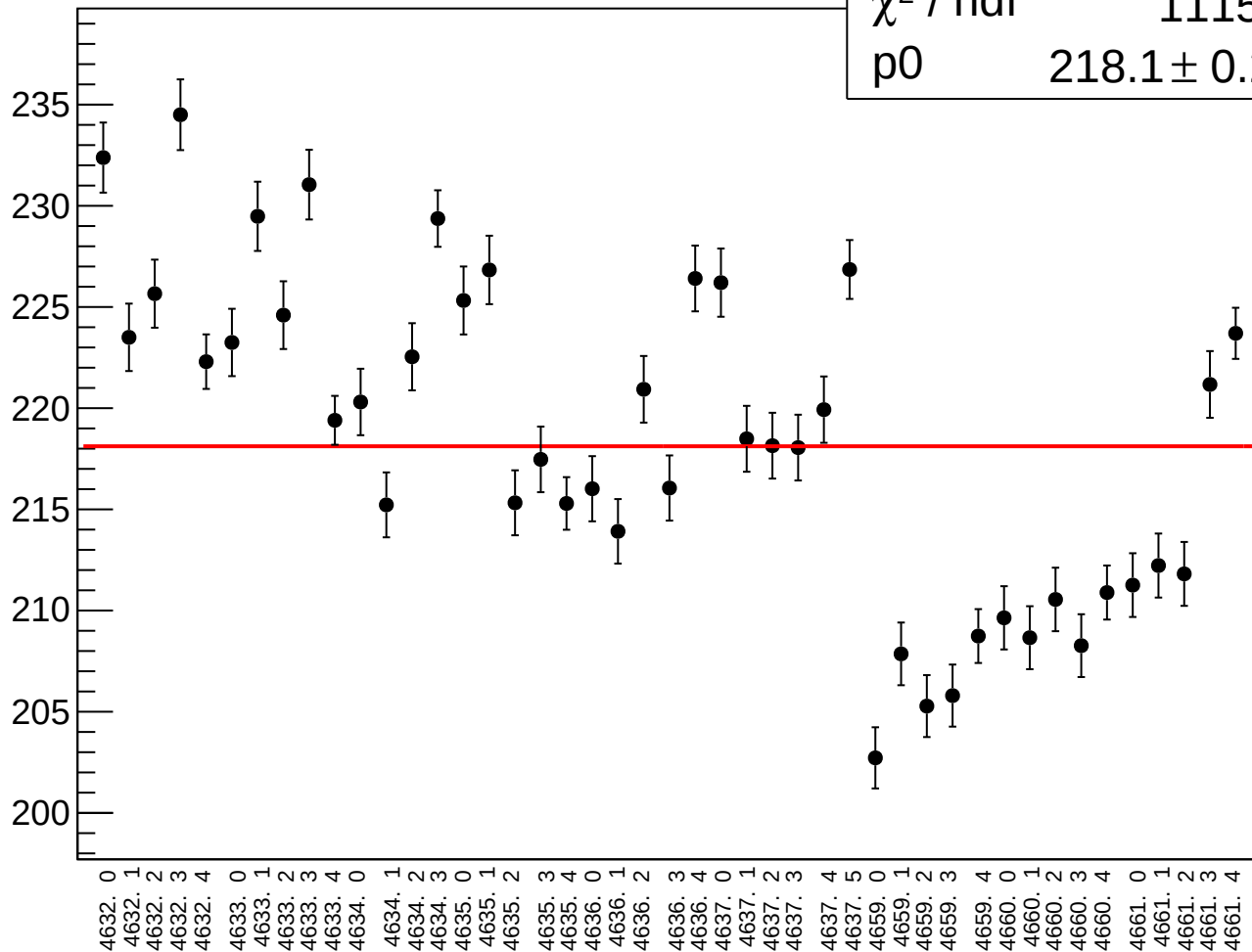
reg_asym_sam5_rms vs run

χ^2 / ndf

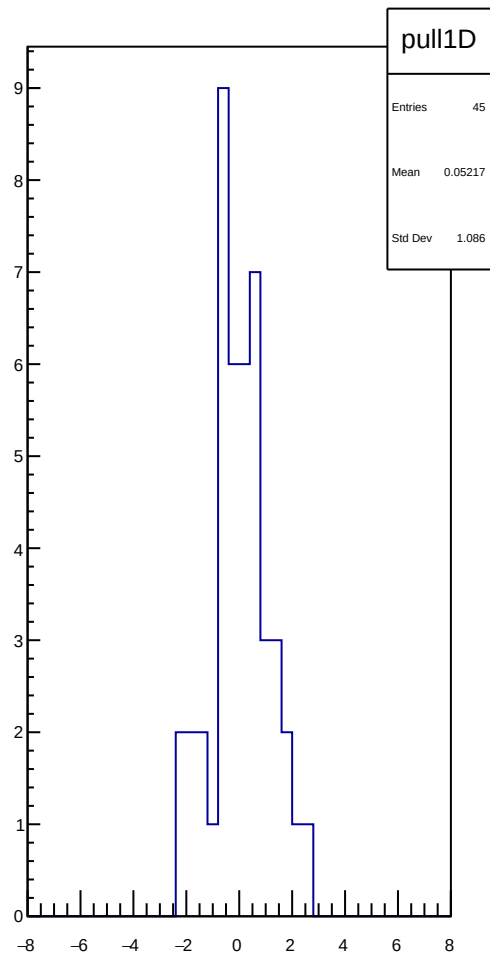
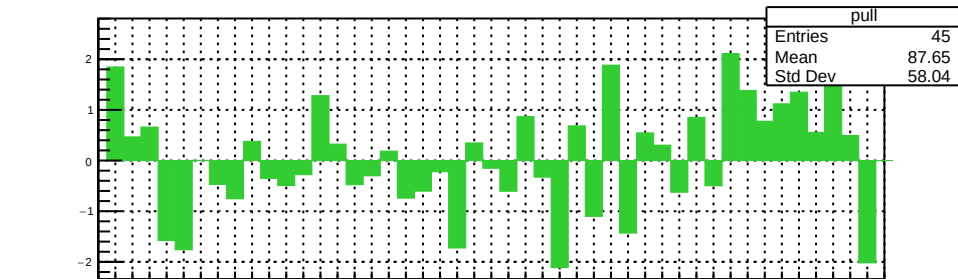
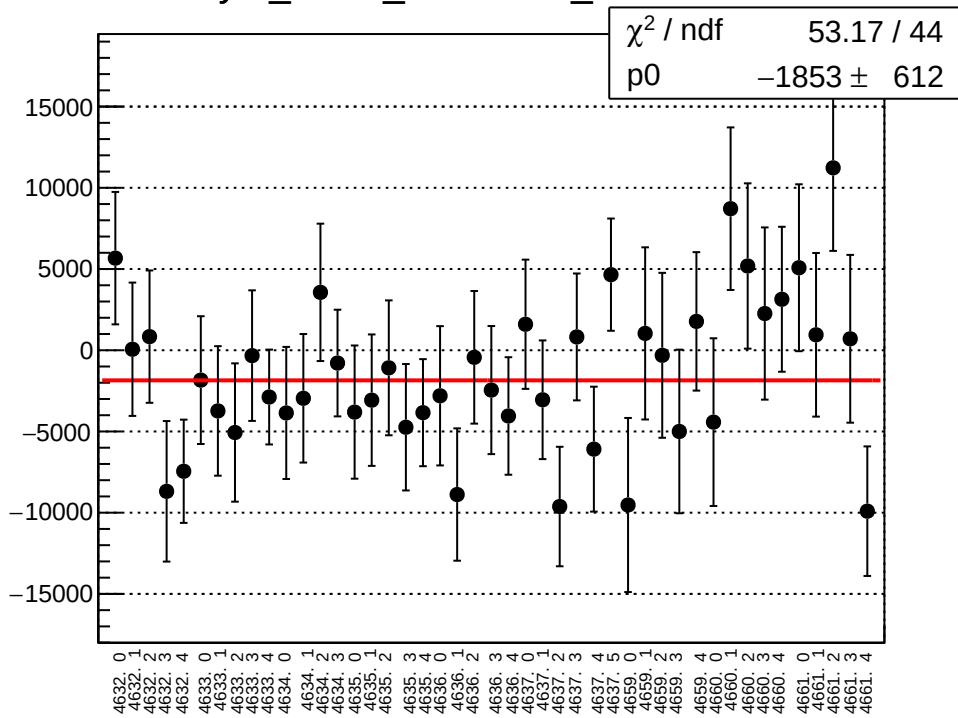
1115 / 44

p0

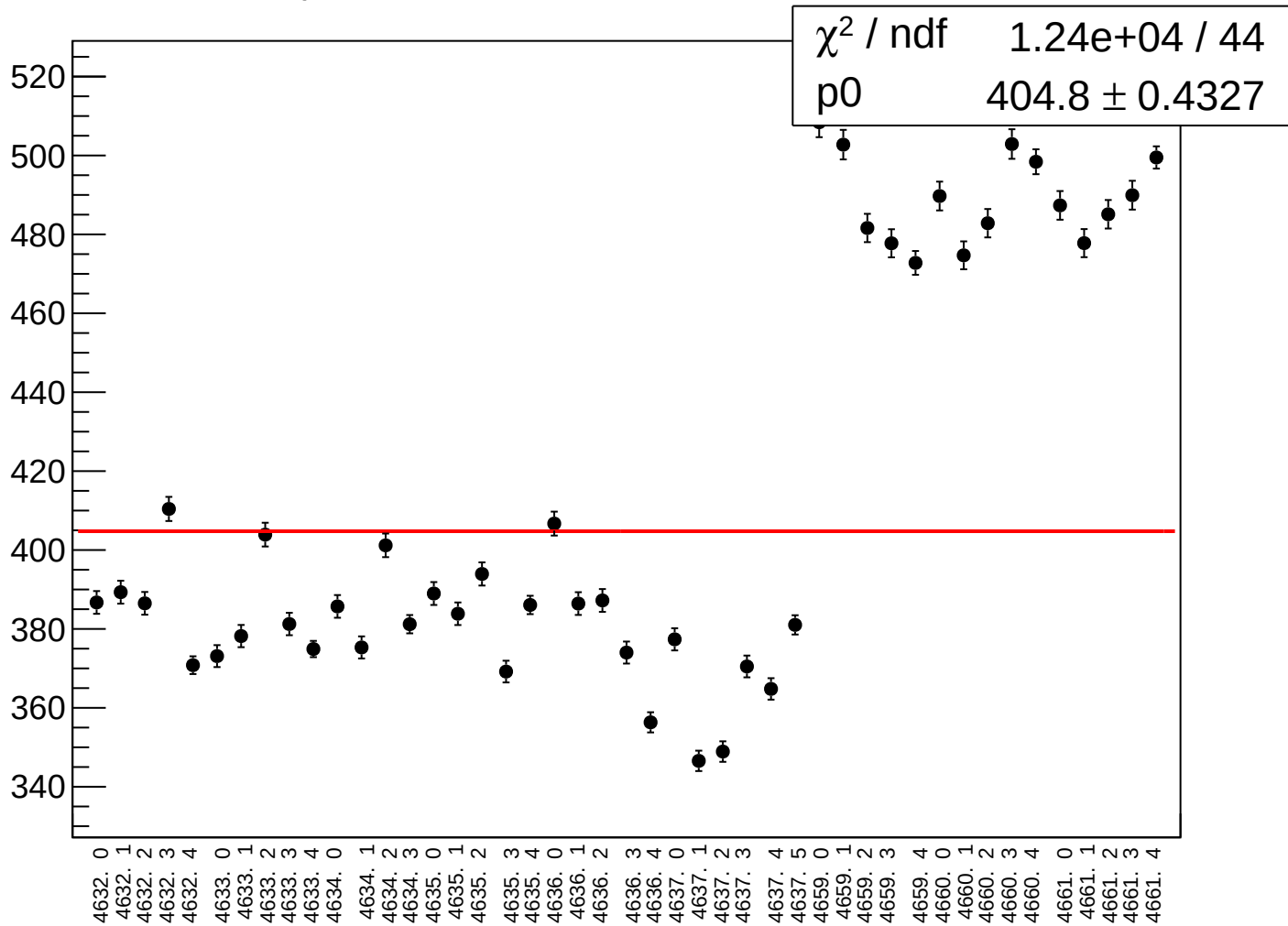
218.1 ± 0.2317



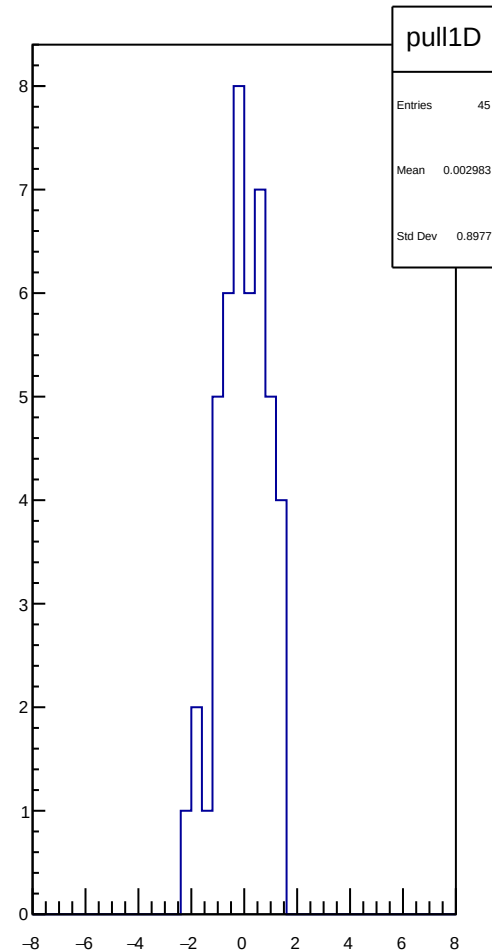
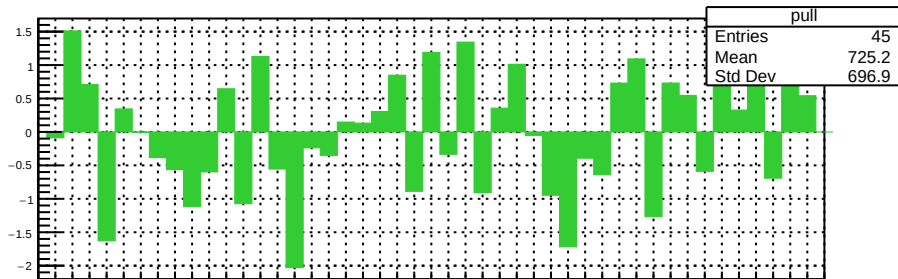
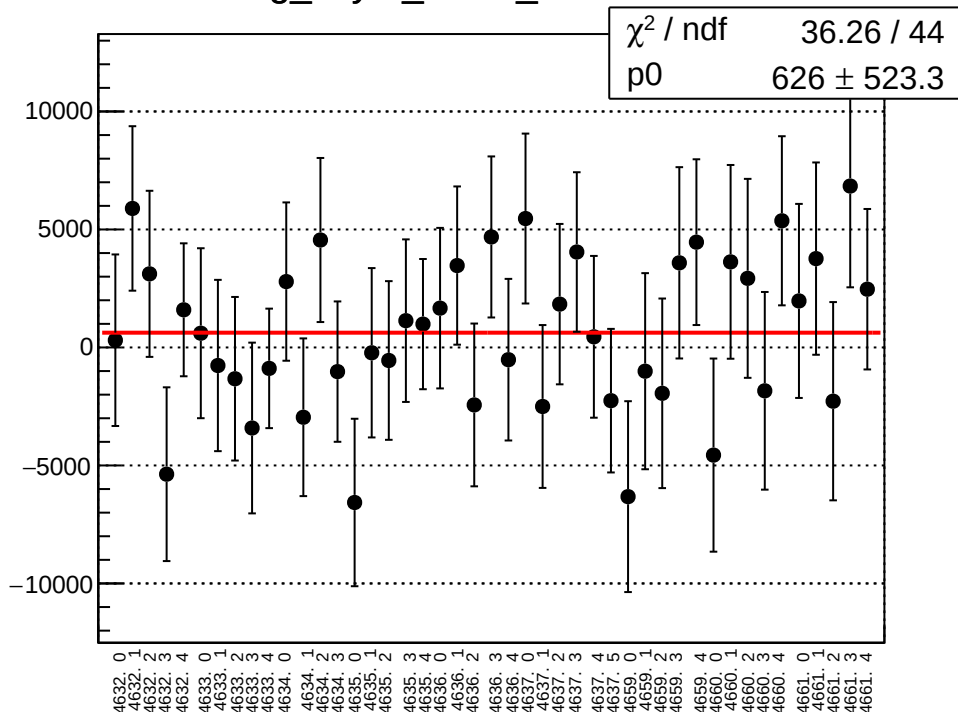
asym_sam5_correction_mean vs run



asym_sam5_correction_rms vs run



reg_asym_sam6_mean vs run



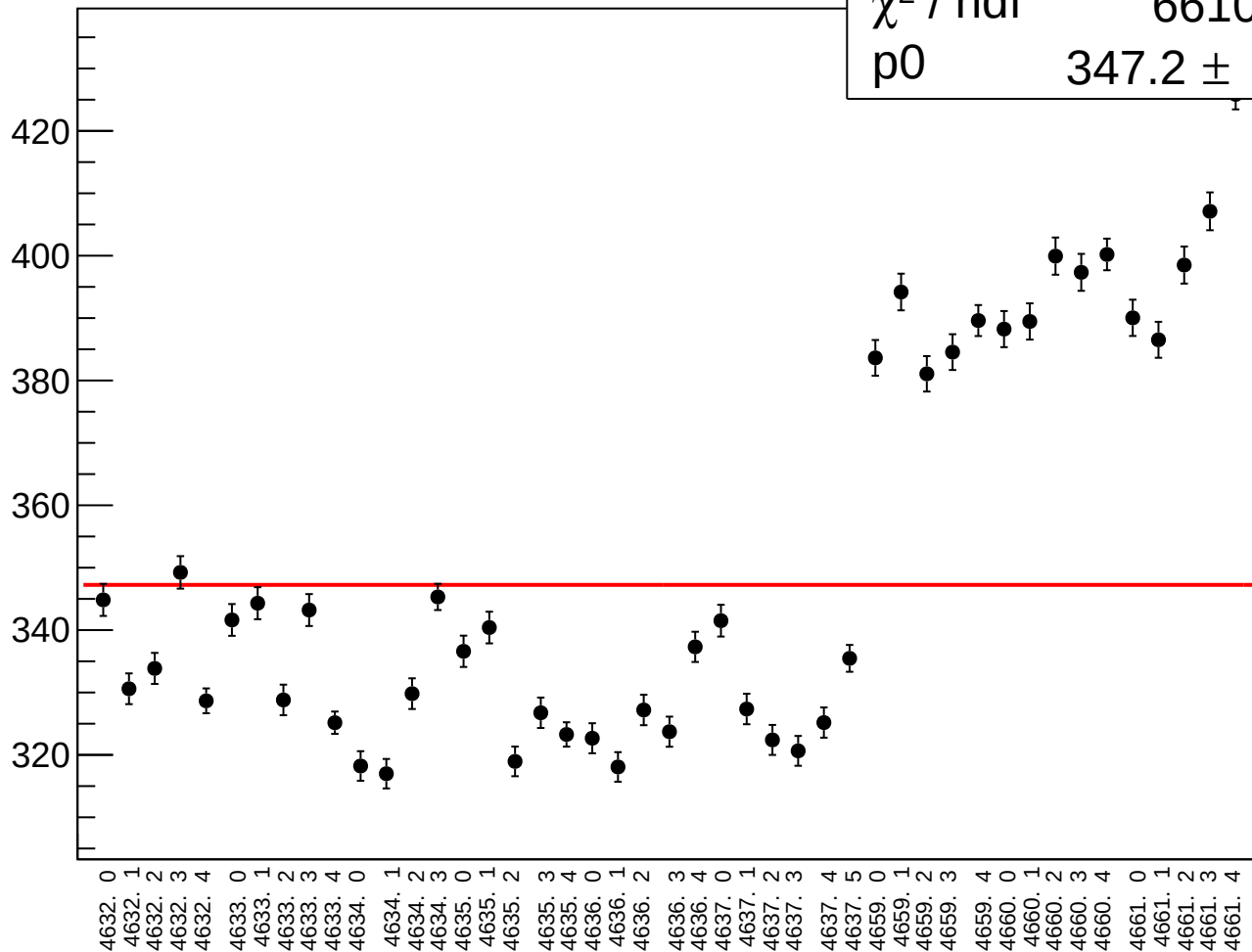
reg_asym_sam6_rms vs run

χ^2 / ndf

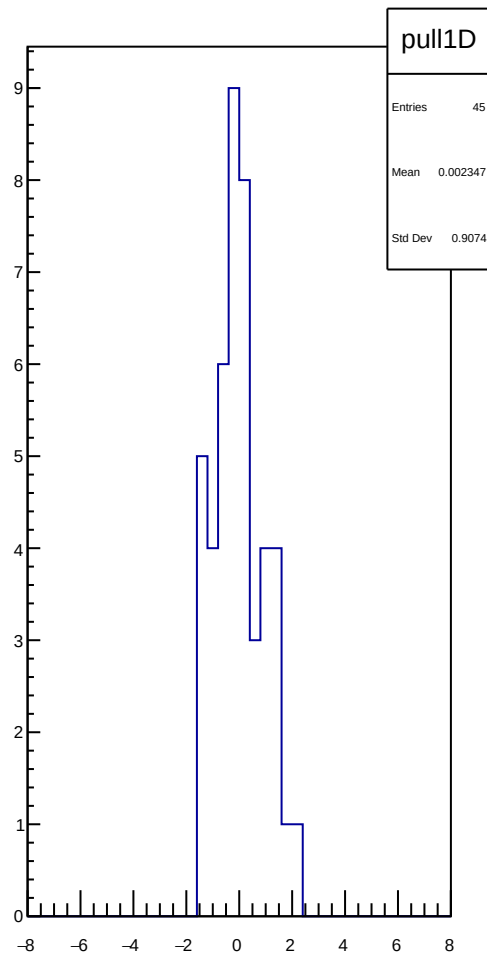
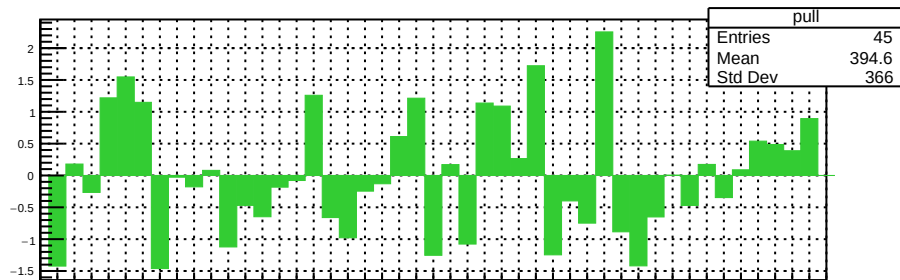
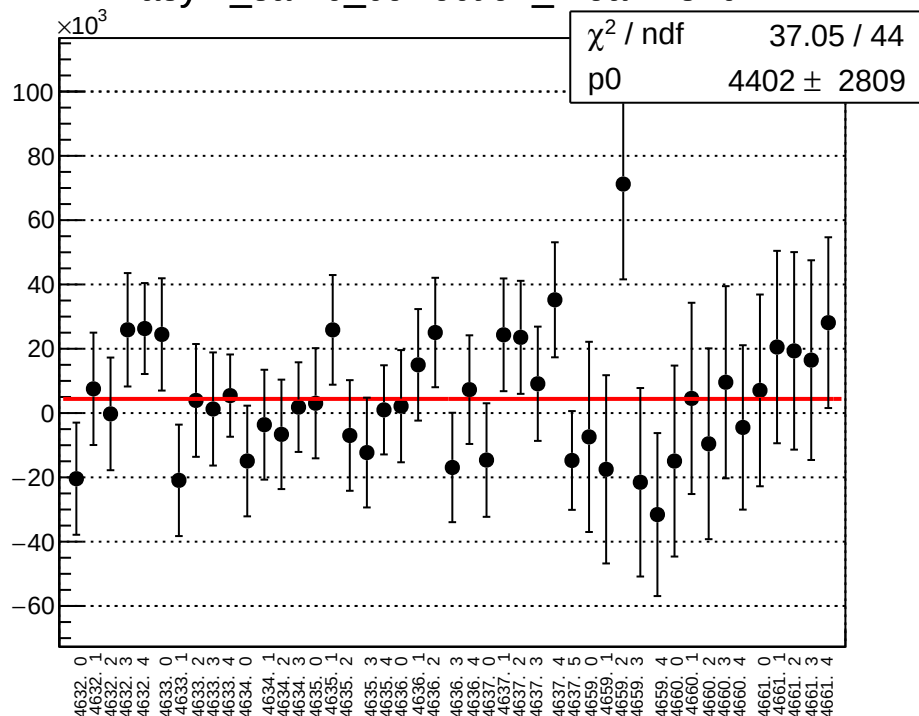
6610 / 44

p0

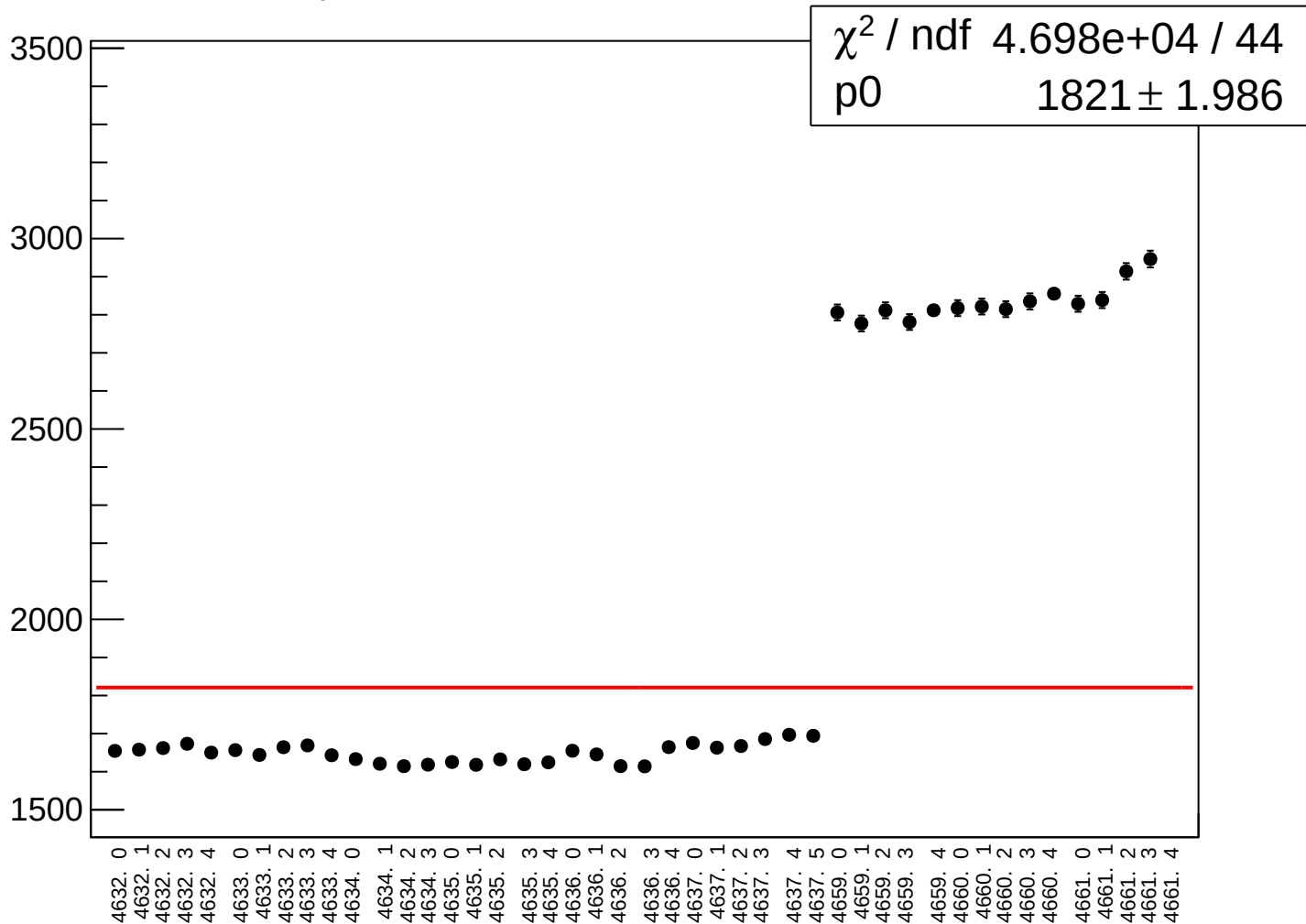
347.2 ± 0.37



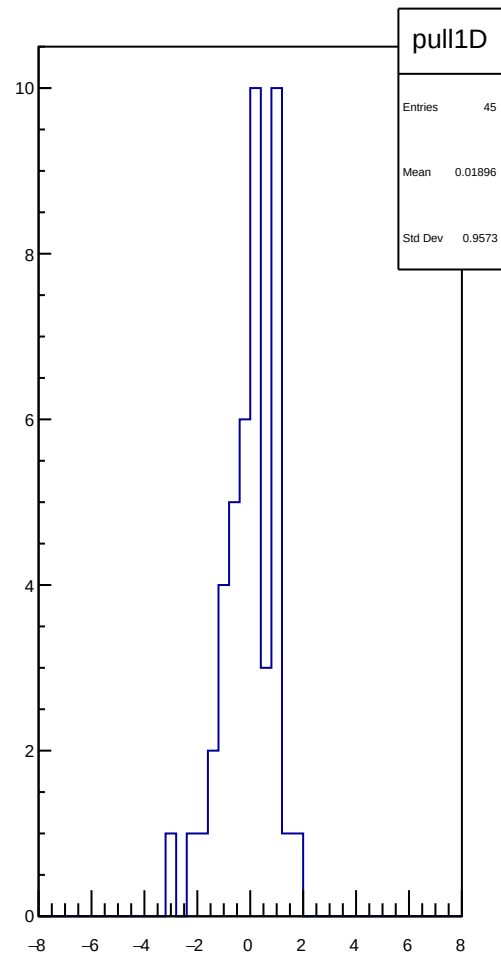
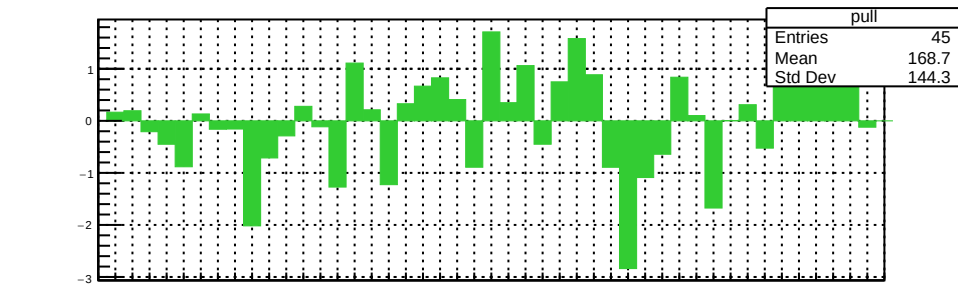
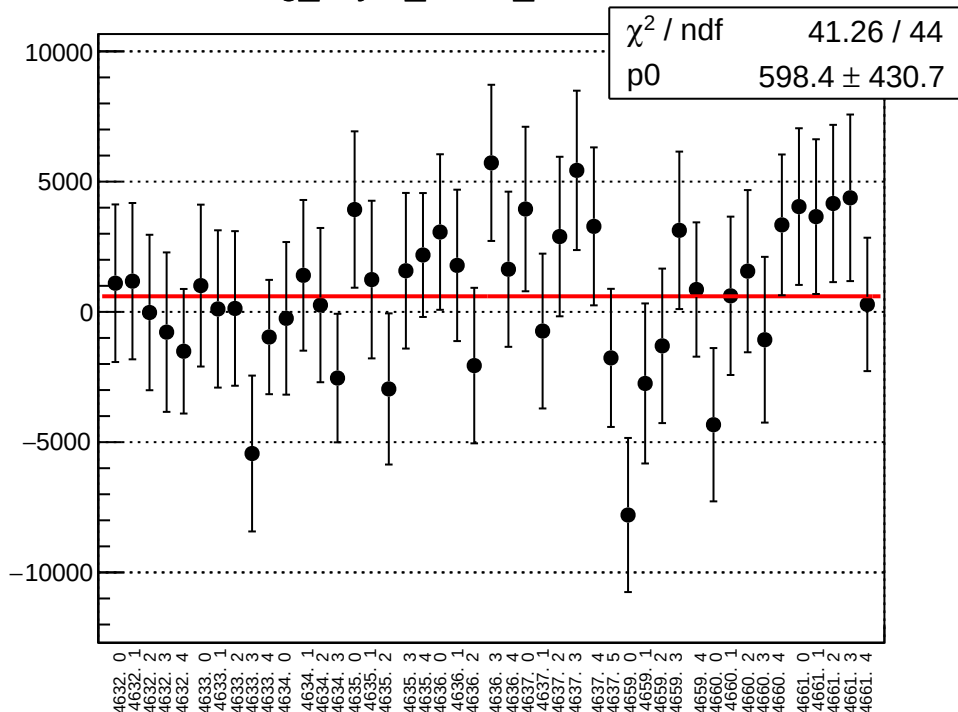
asym_sam6_correction_mean vs run



asym_sam6_correction_rms vs run



reg_asym_sam7_mean vs run



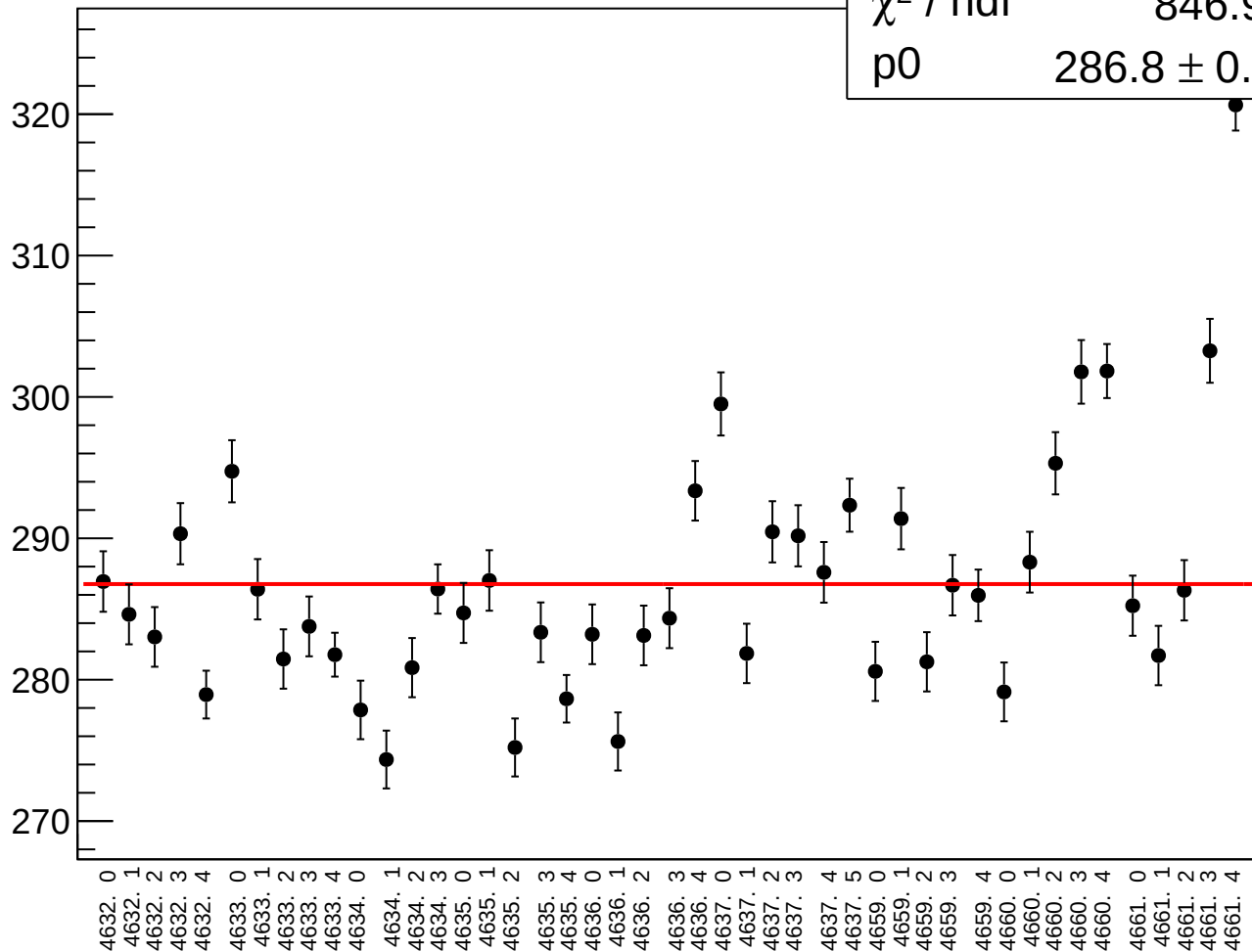
reg_asym_sam7_rms vs run

χ^2 / ndf

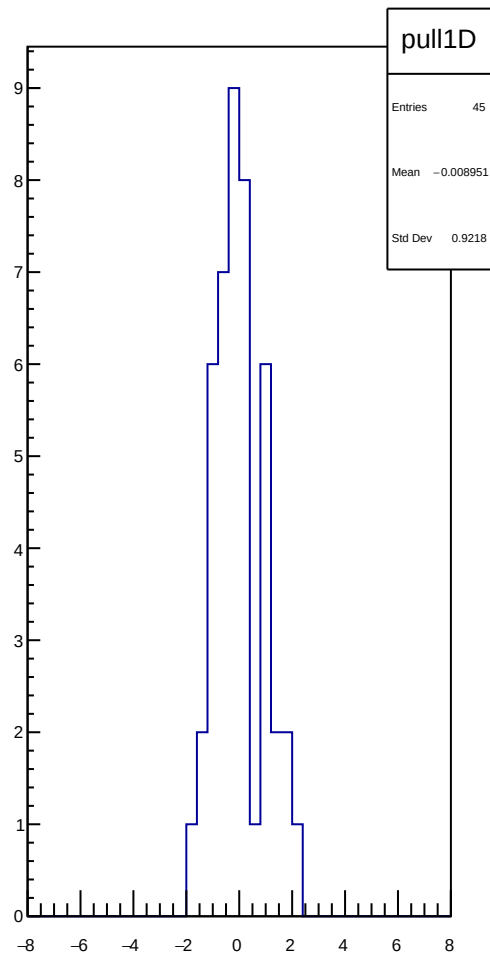
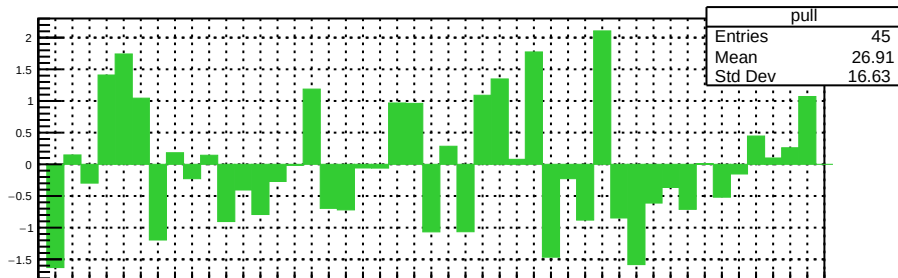
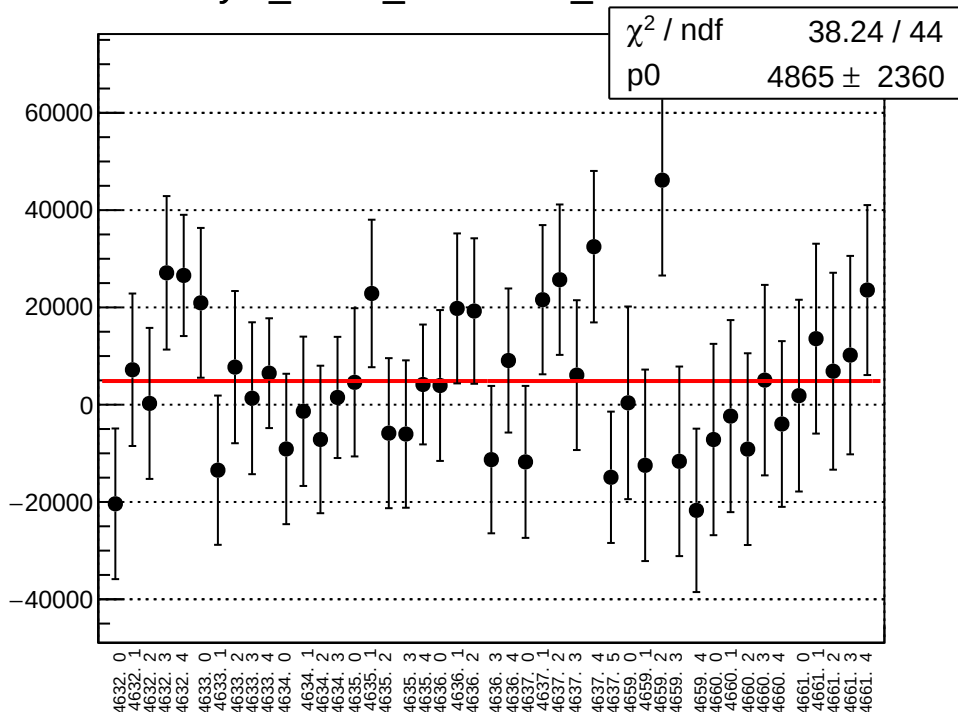
846.9 / 44

p0

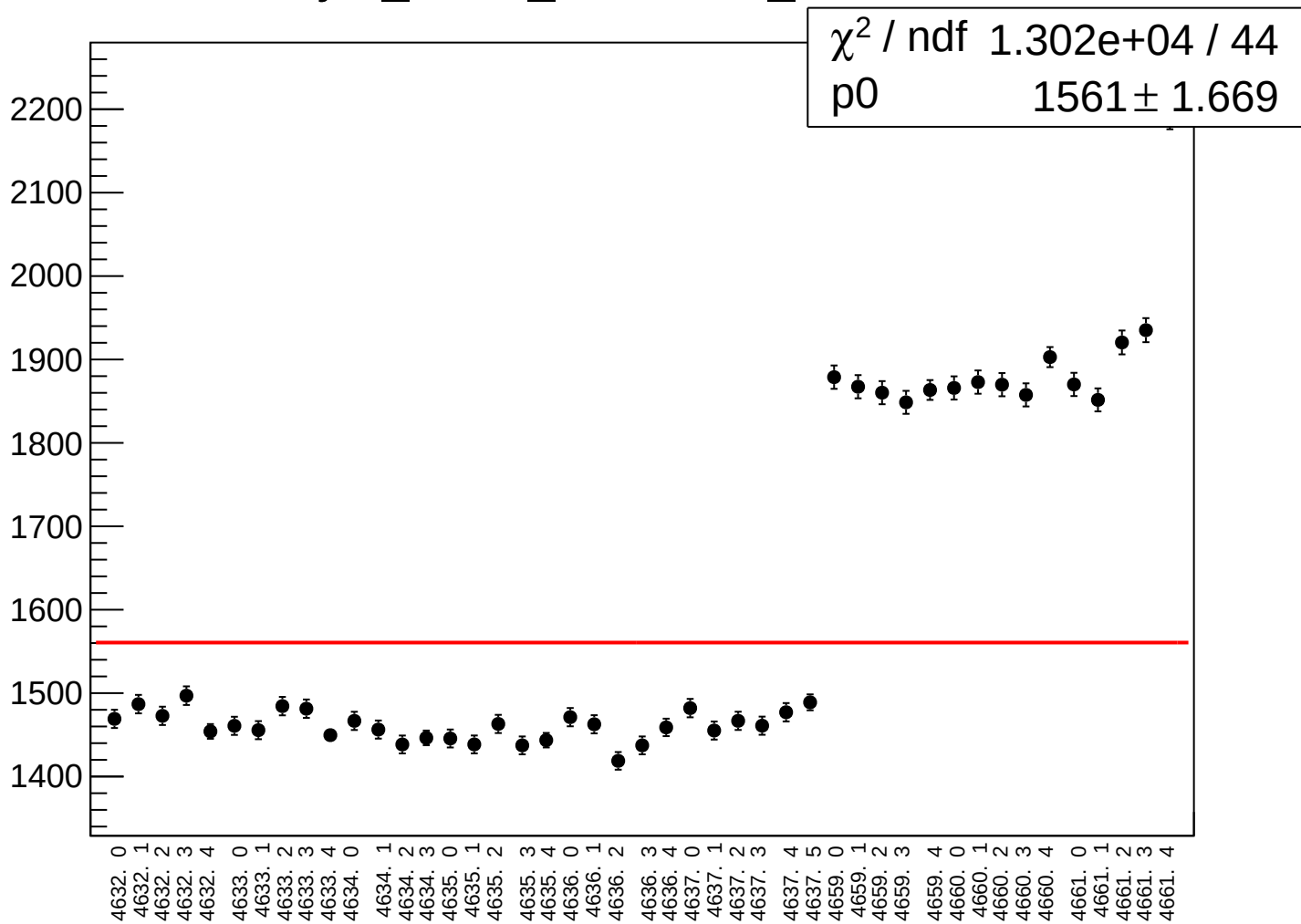
286.8 ± 0.3046



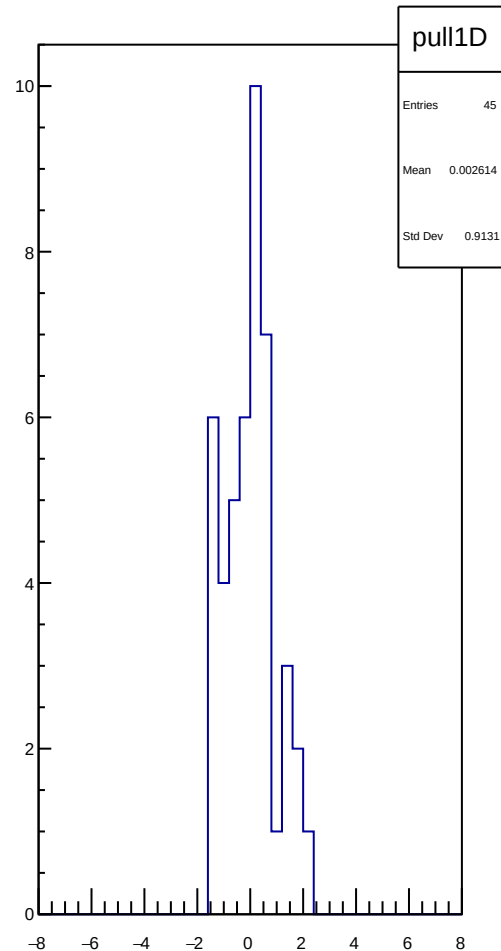
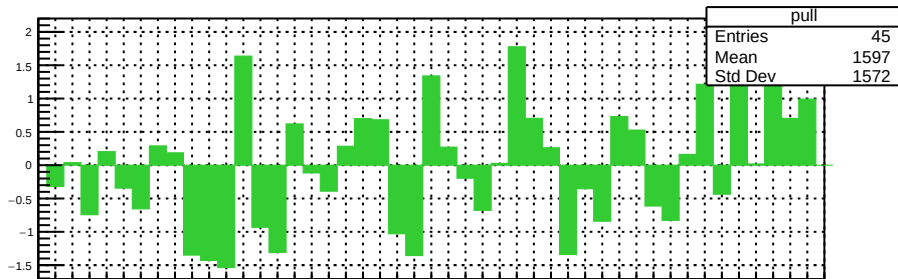
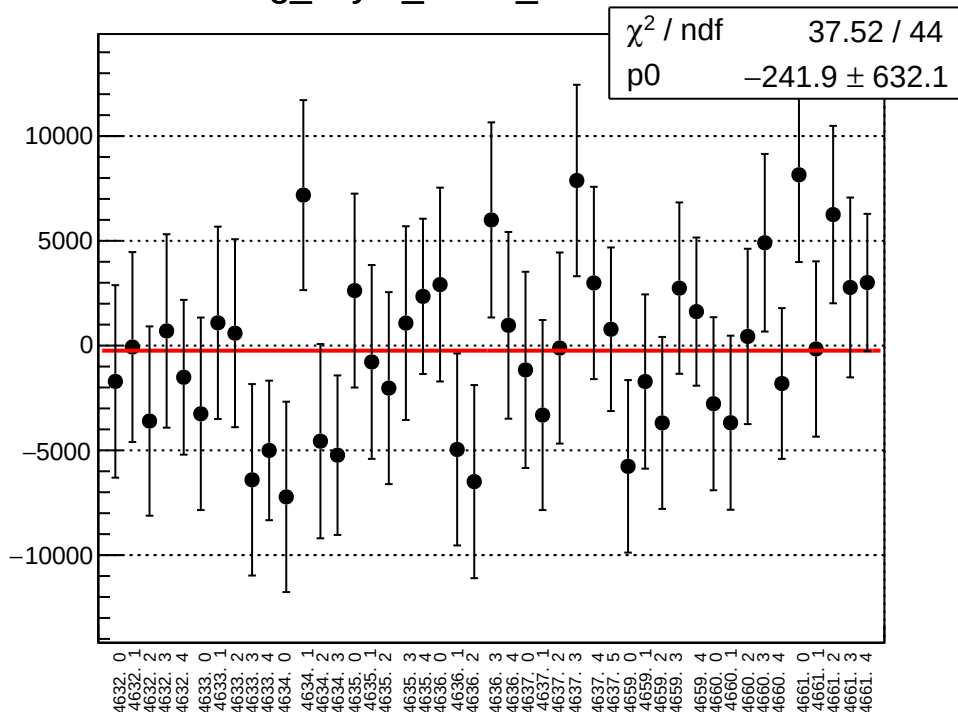
asym_sam7_correction_mean vs run



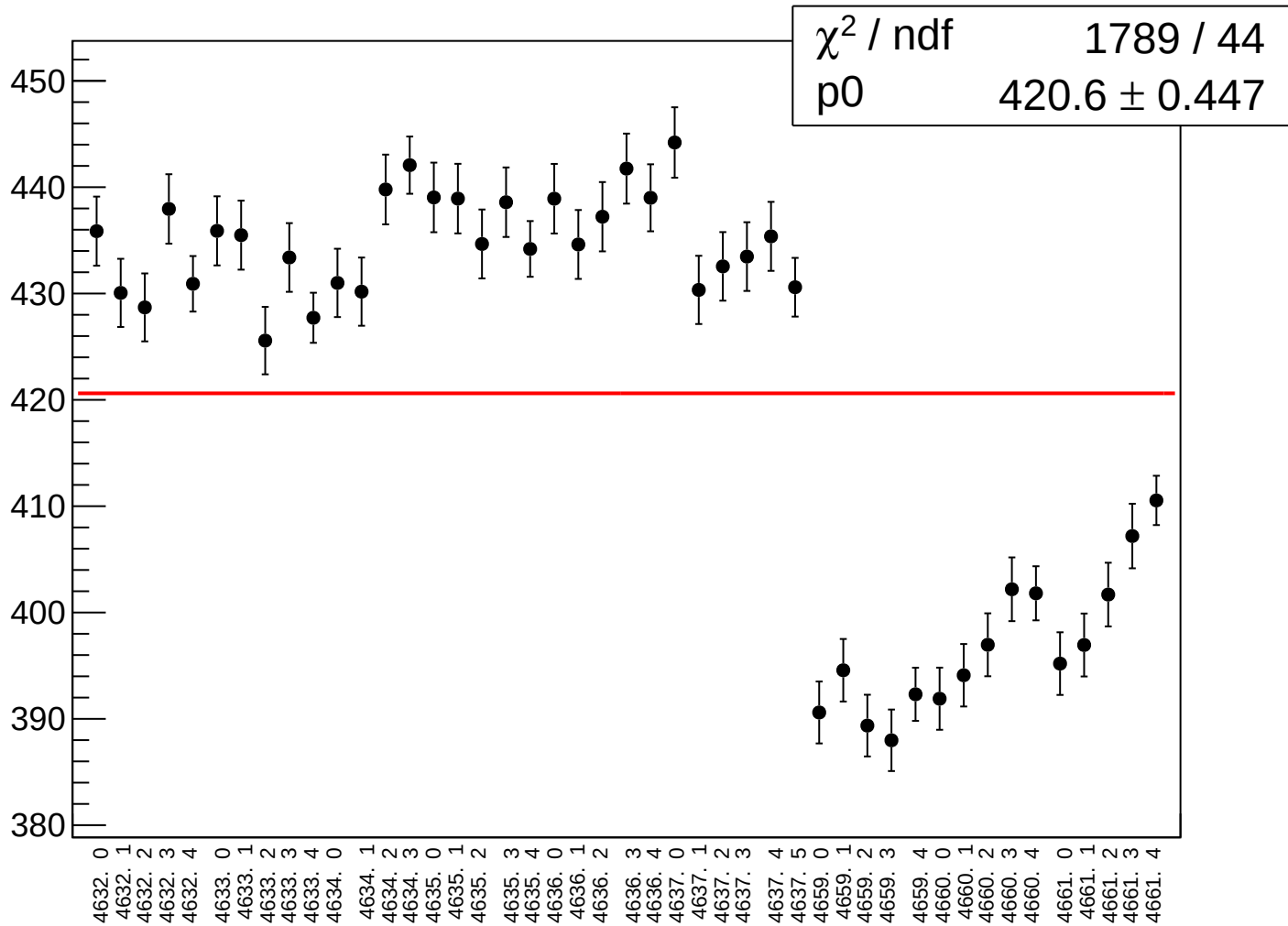
asym_sam7_correction_rms vs run



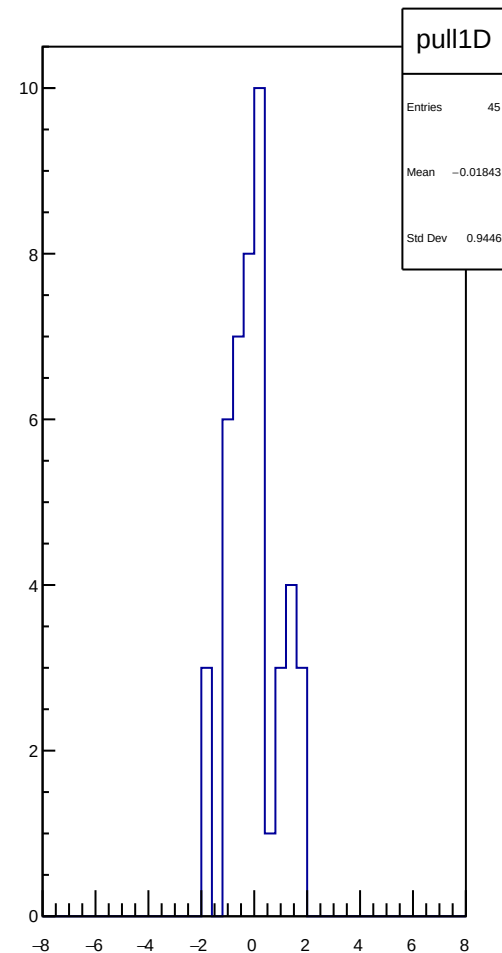
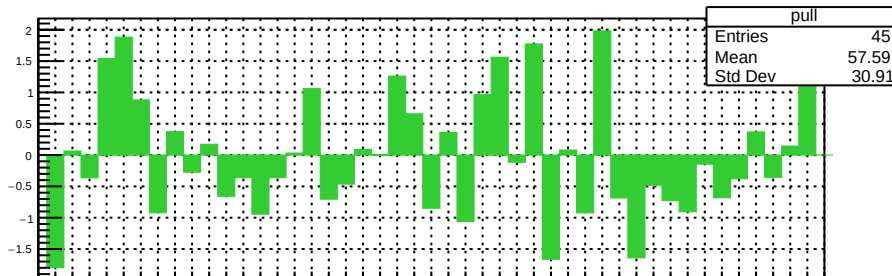
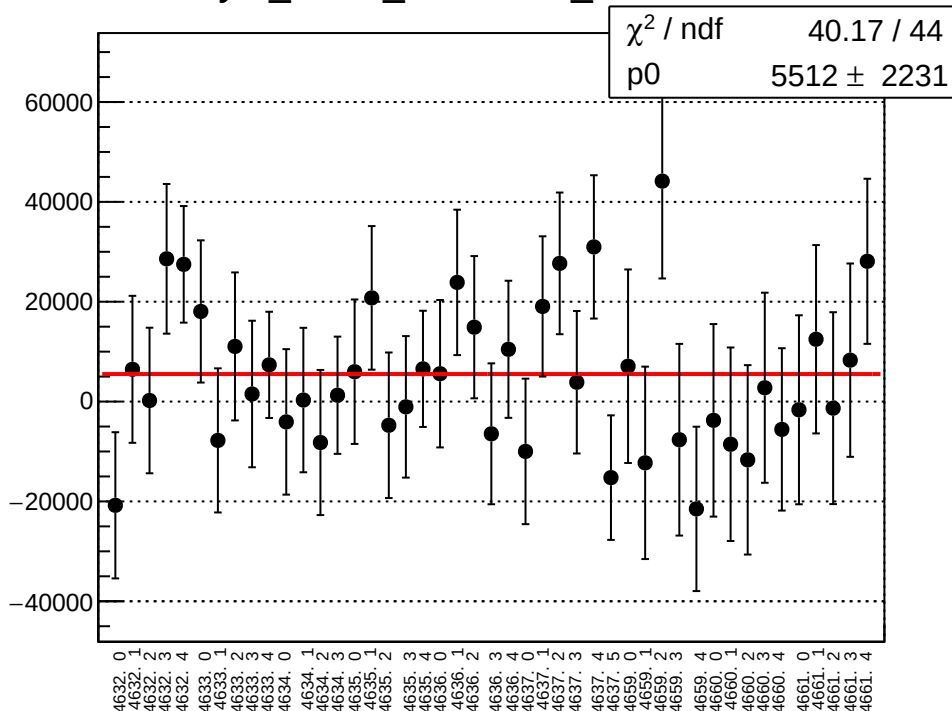
reg_asym_sam8_mean vs run



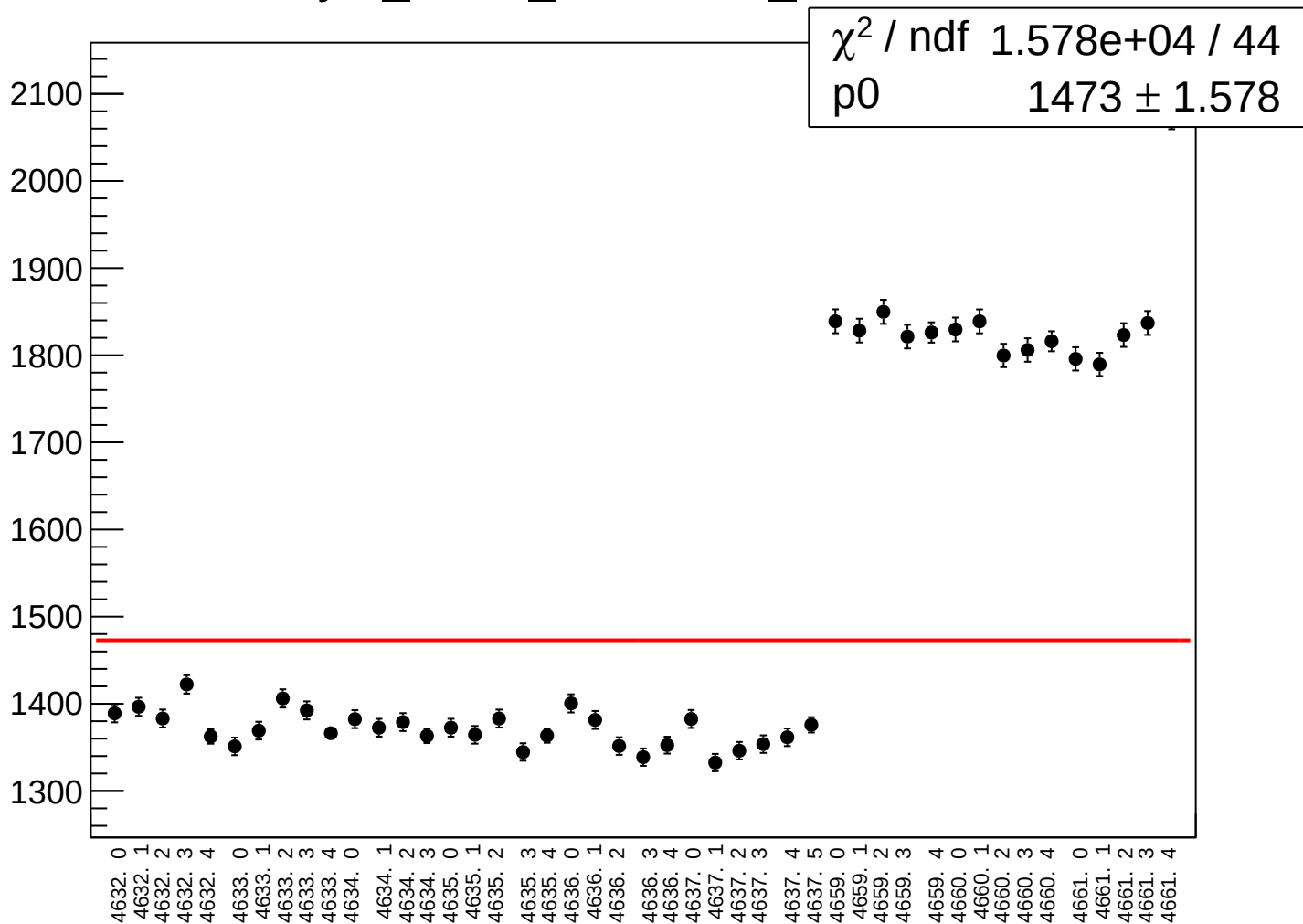
reg_asym_sam8_rms vs run



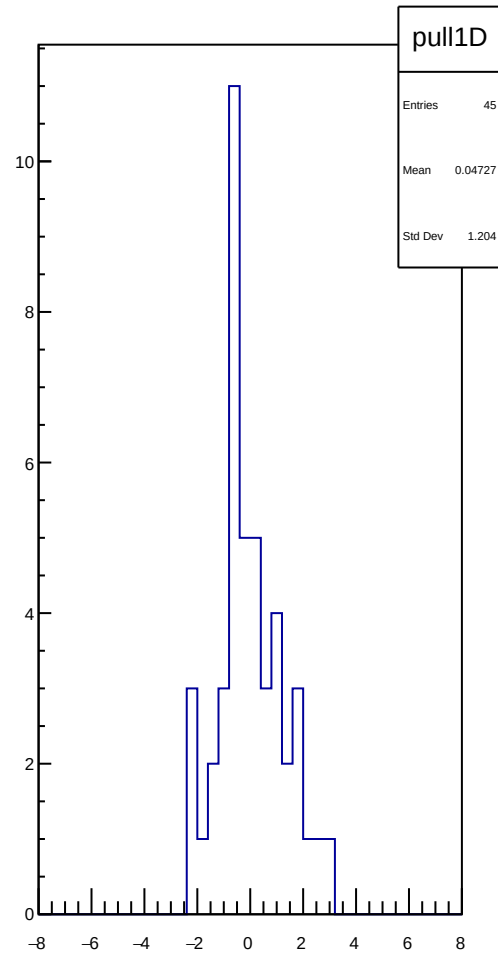
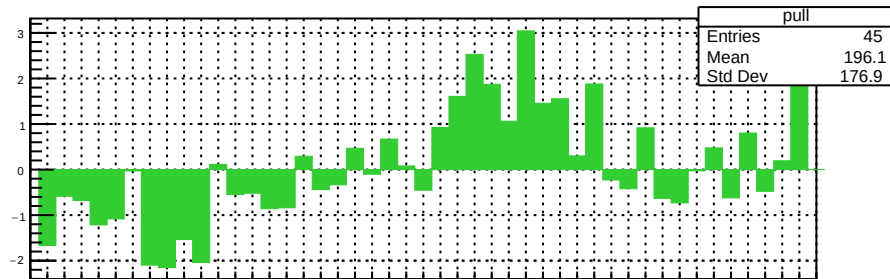
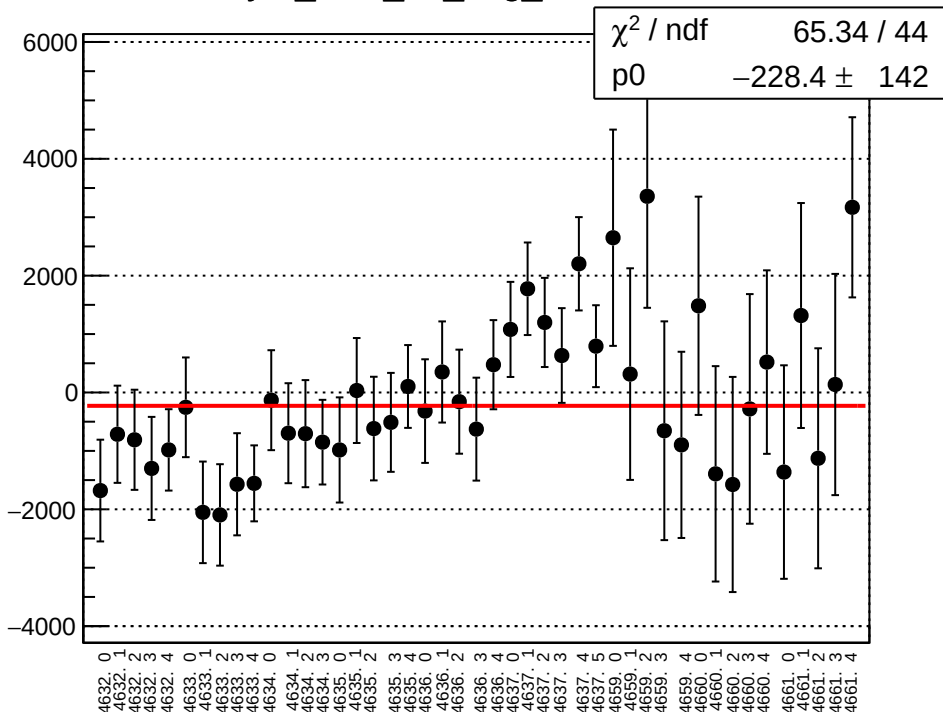
asym_sam8_correction_mean vs run



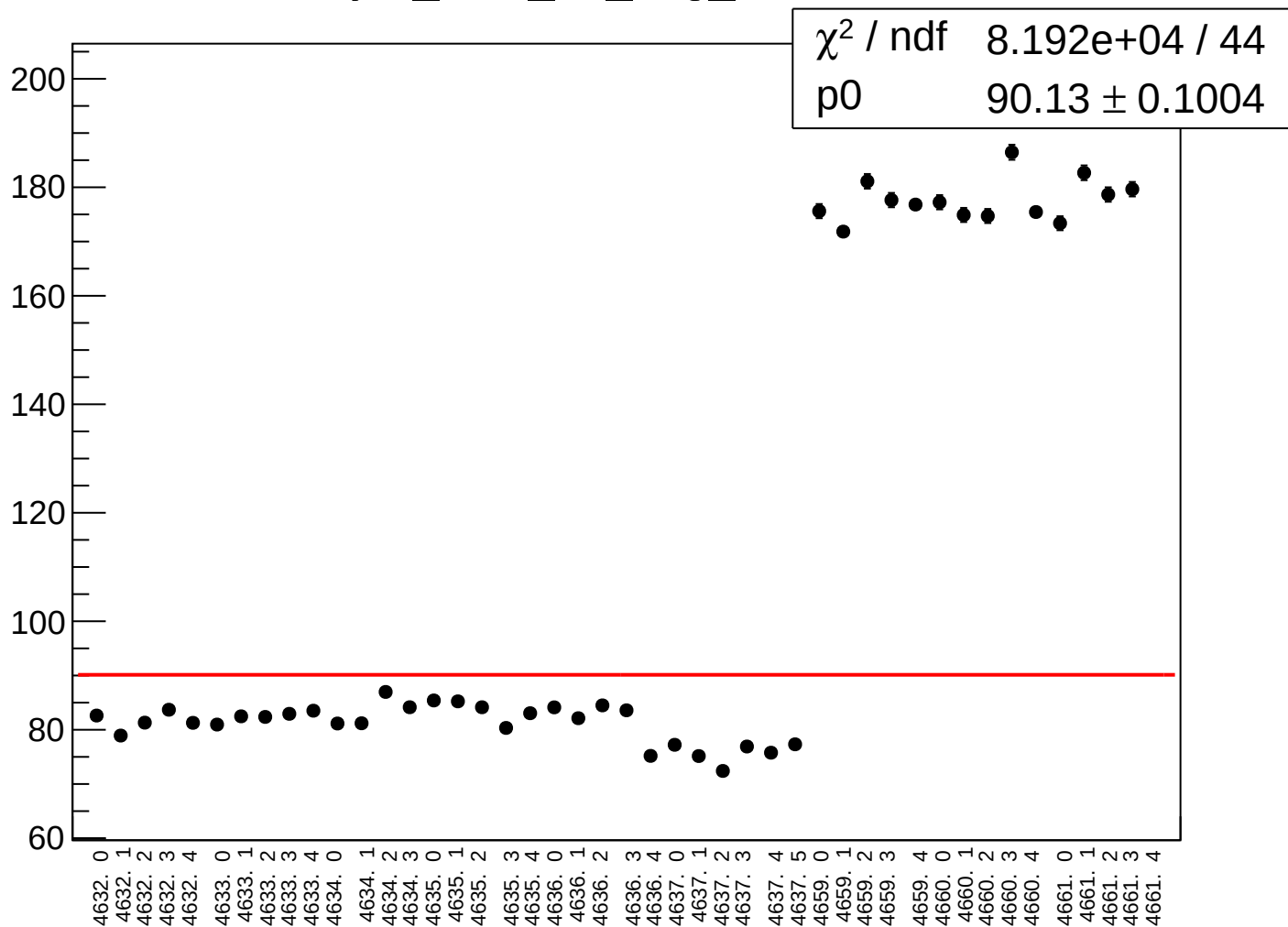
asym_sam8_correction_rms vs run



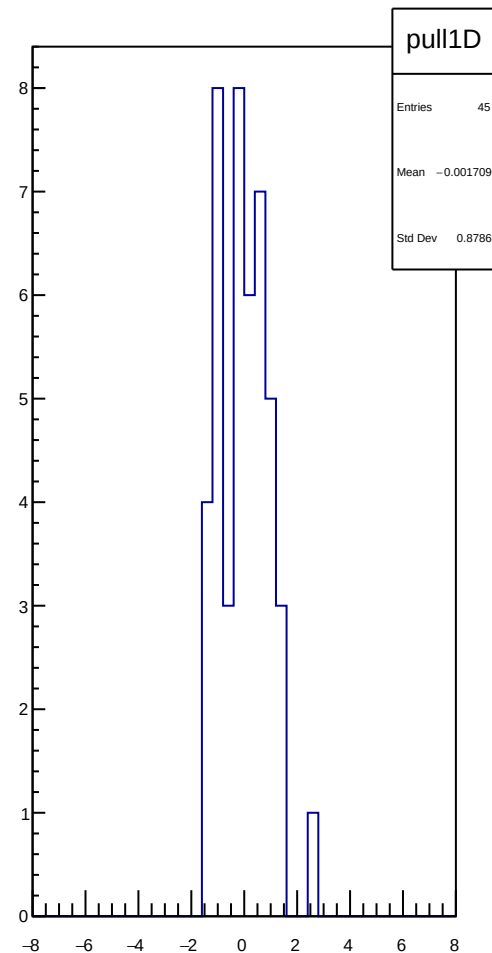
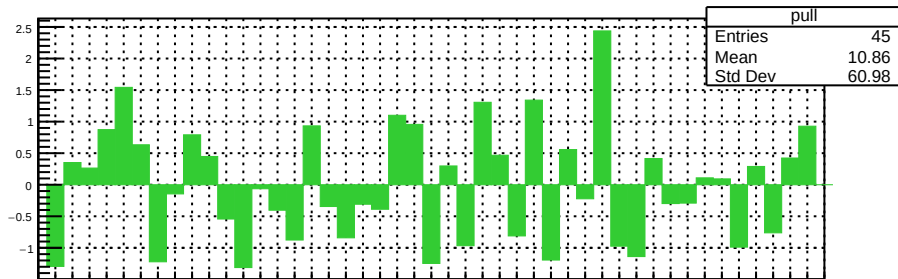
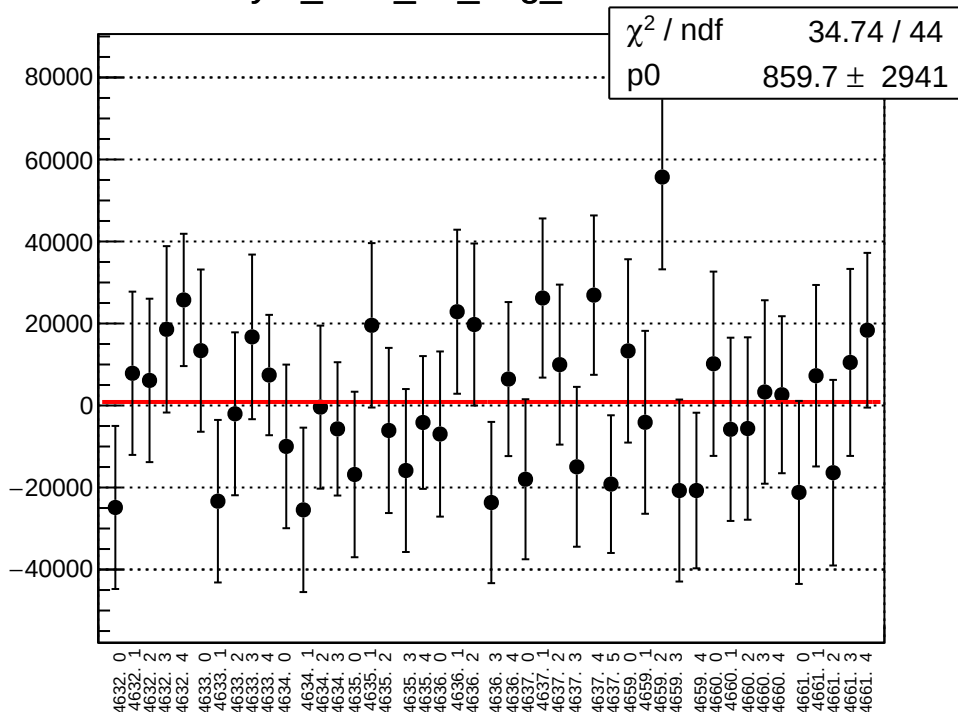
asym_sam_15_avg_mean vs run



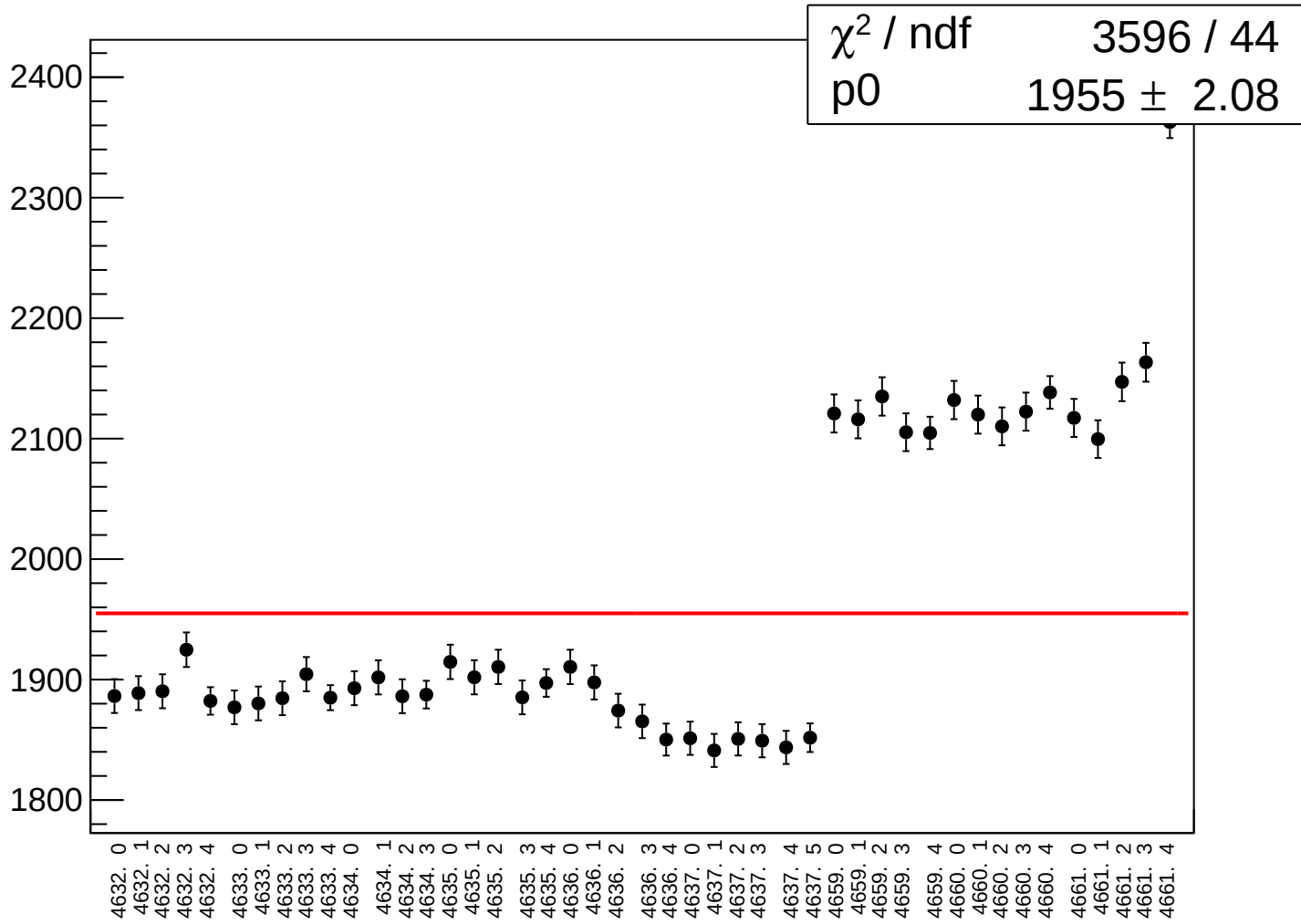
asym_sam_15_avg_rms vs run



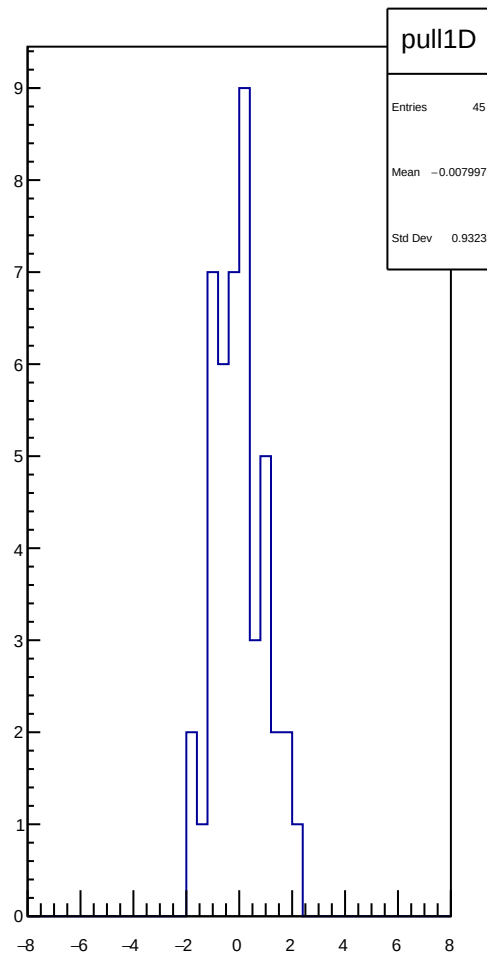
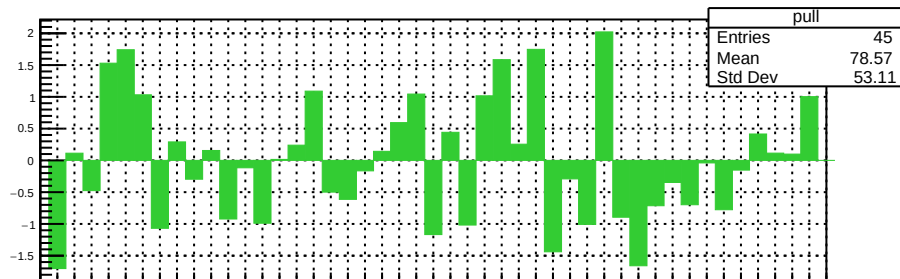
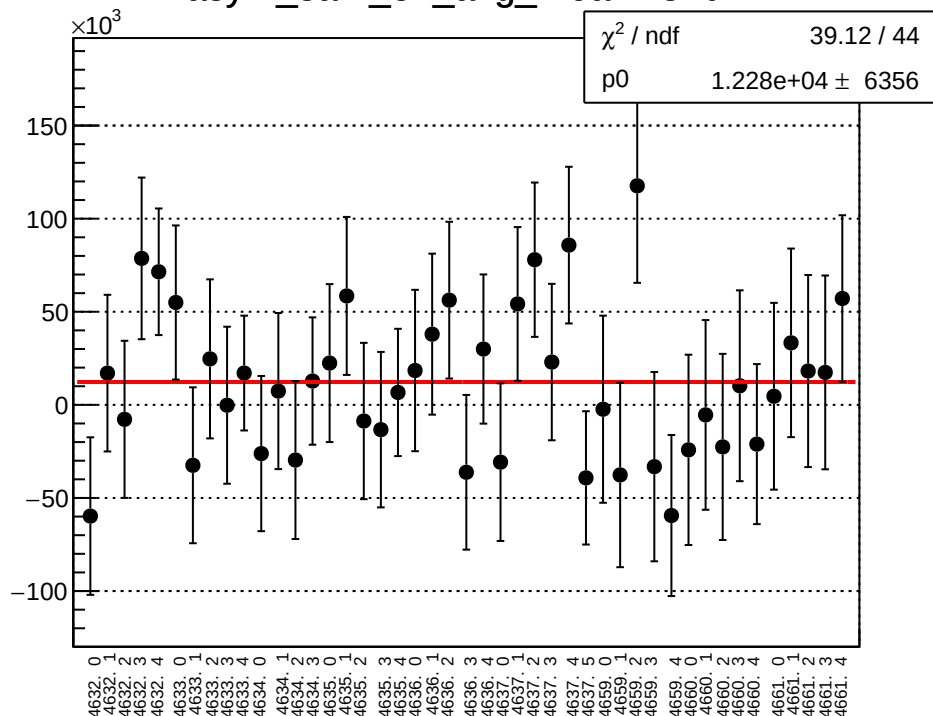
asym_sam_26_avg_mean vs run



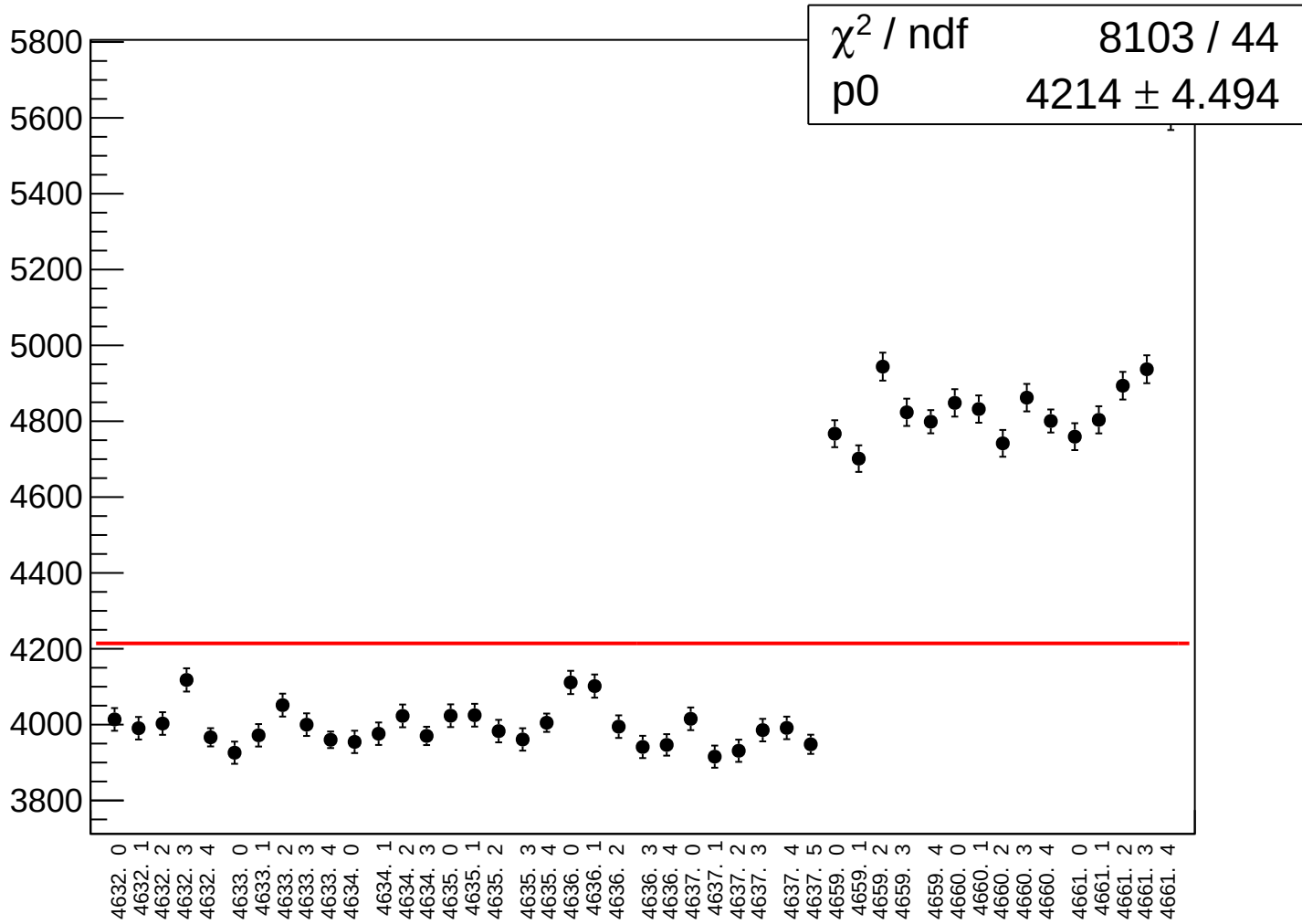
asym_sam_26_avg_rms vs run



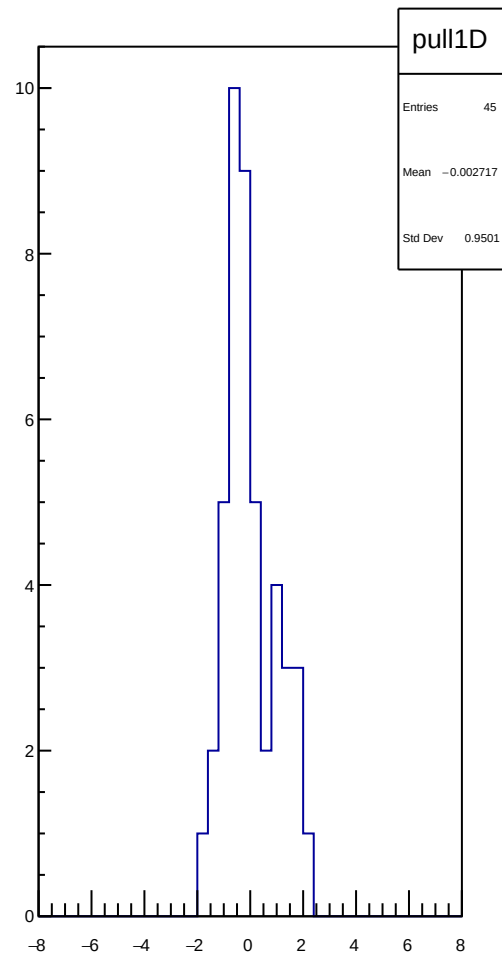
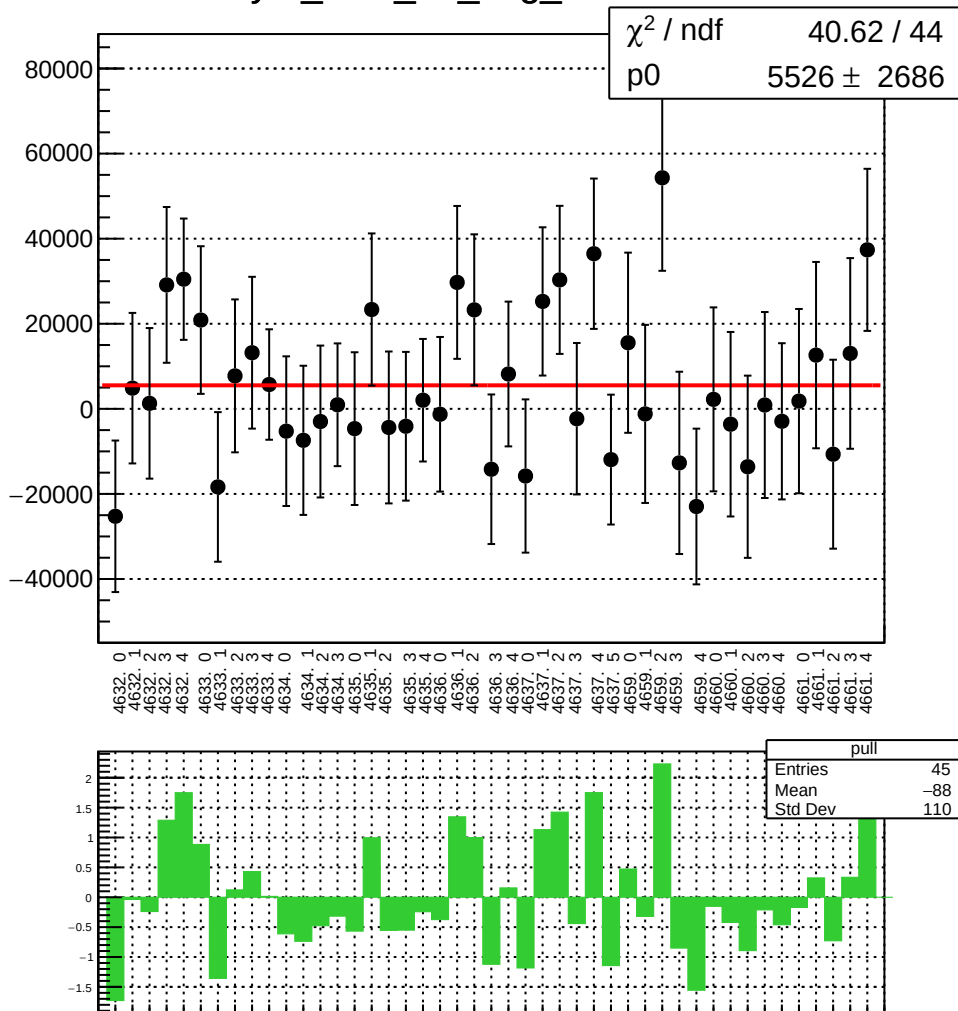
asym_sam_37_avg_mean vs run



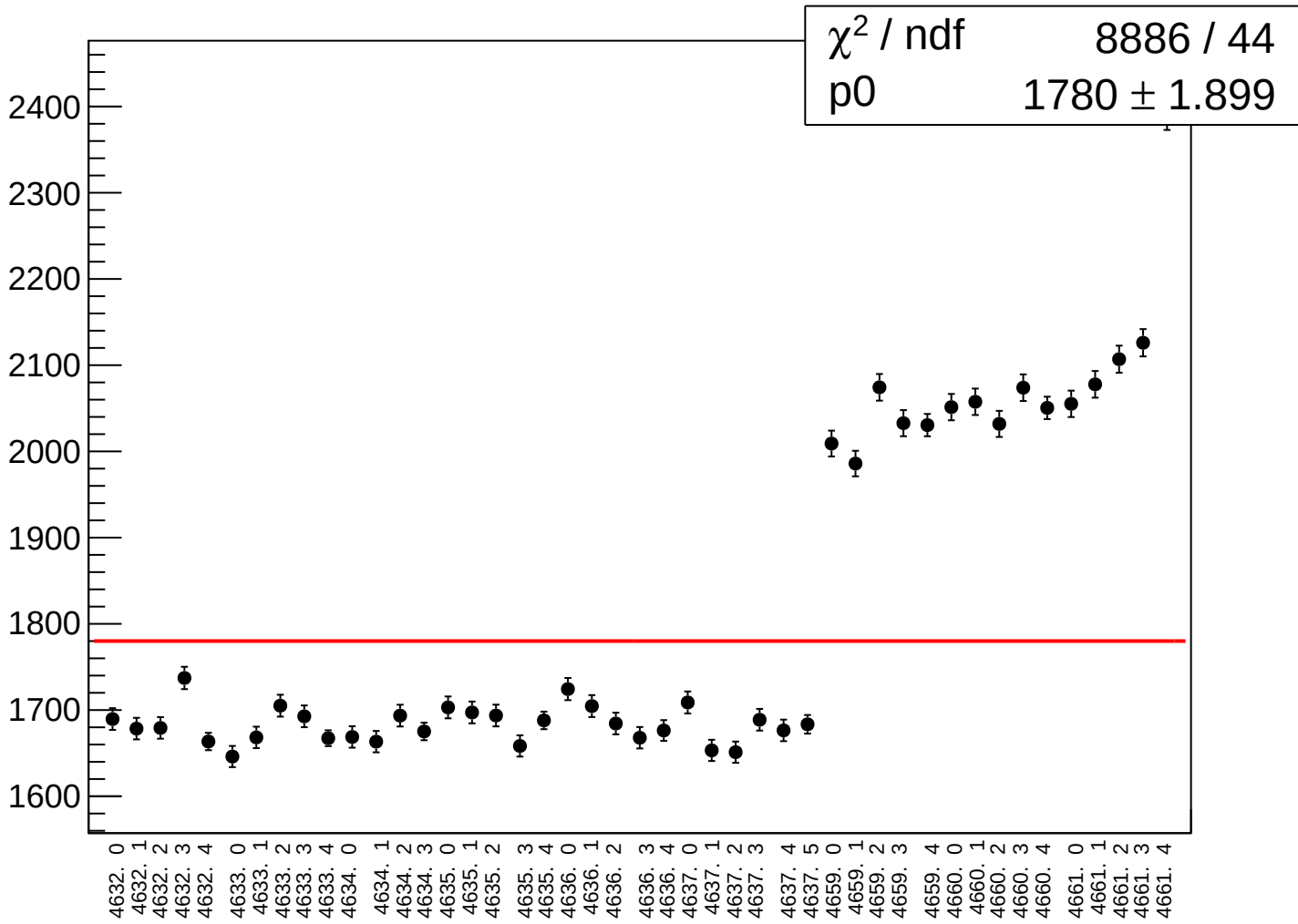
asym_sam_37_avg_rms vs run



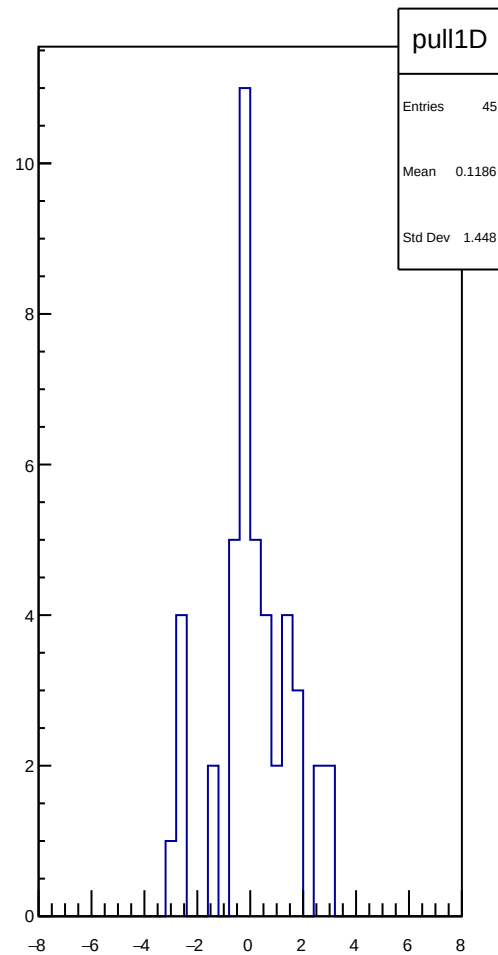
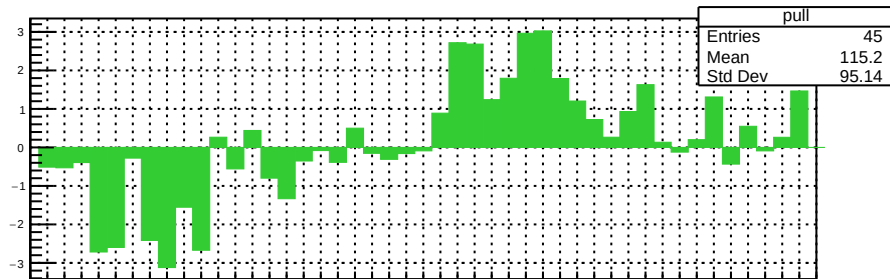
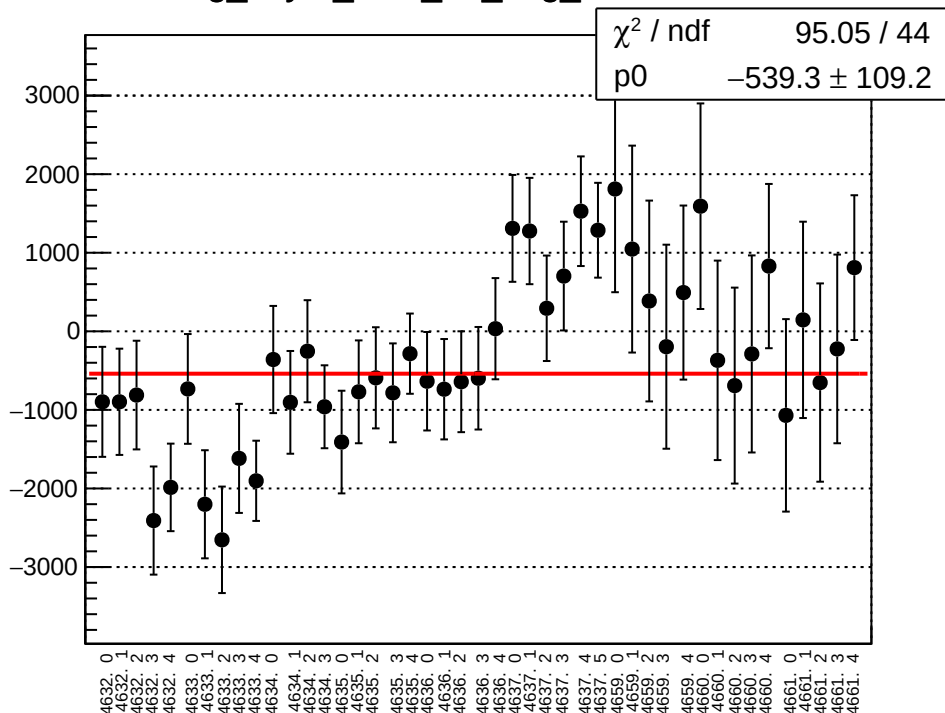
asym_sam_48_avg_mean vs run



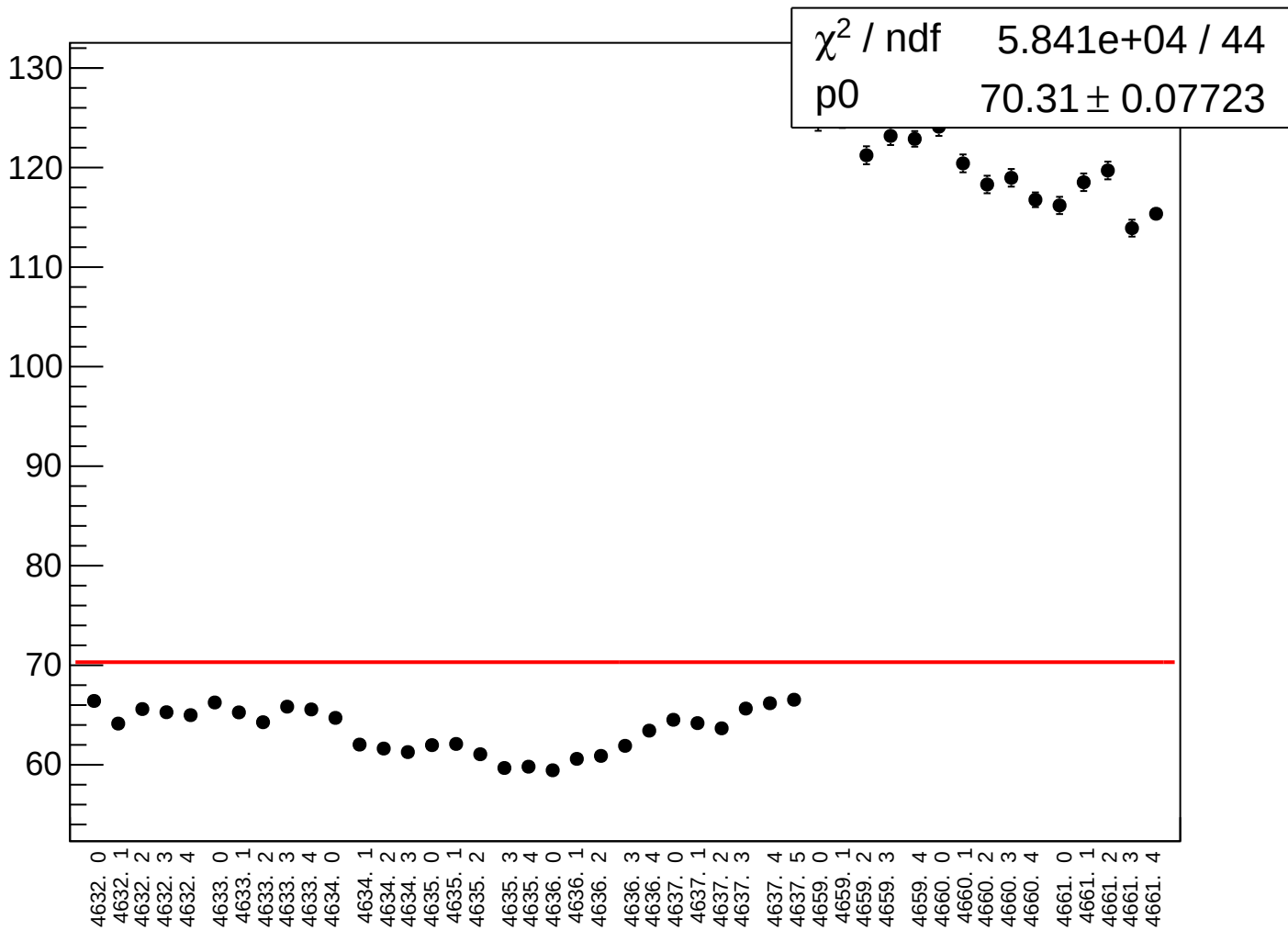
asym_sam_48_avg_rms vs run



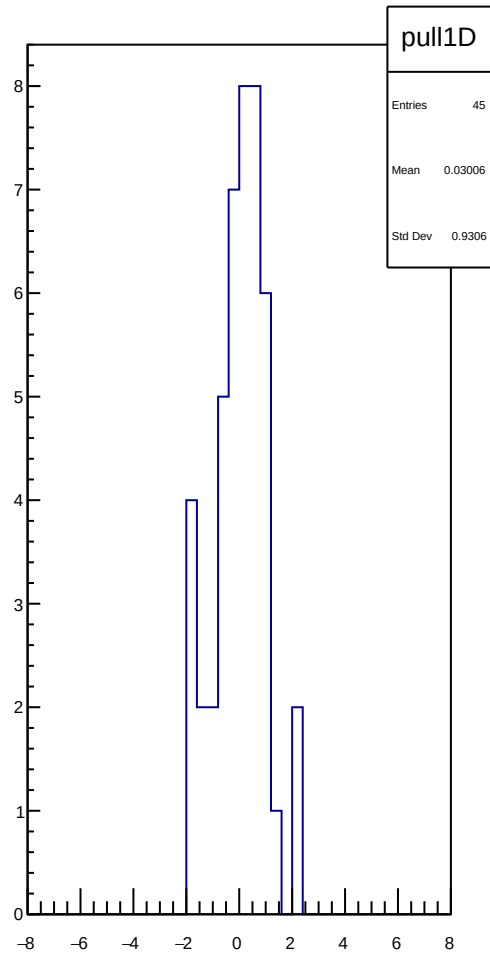
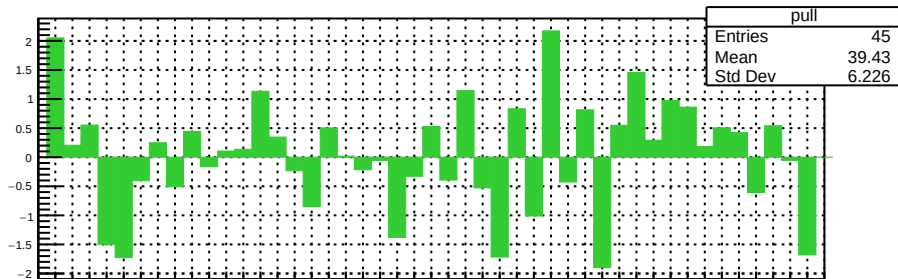
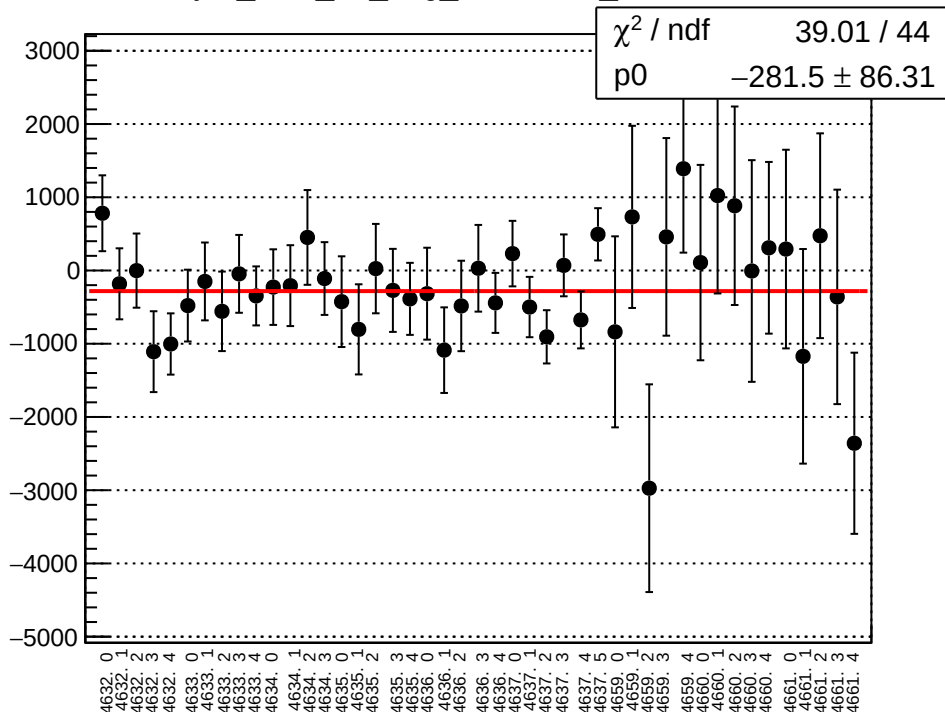
reg_asym_sam_15_avg_mean vs run



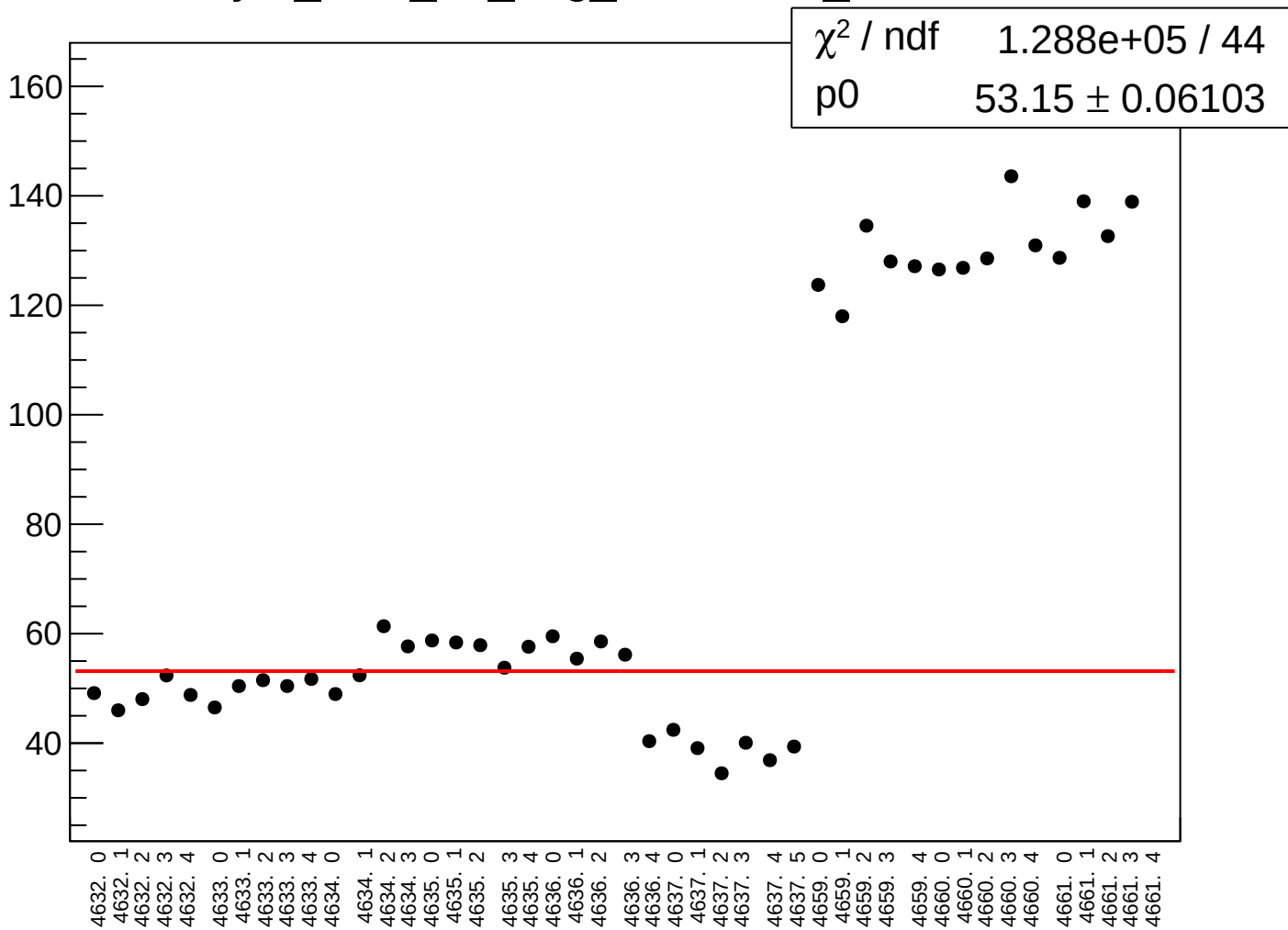
reg_asym_sam_15_avg_rms vs run



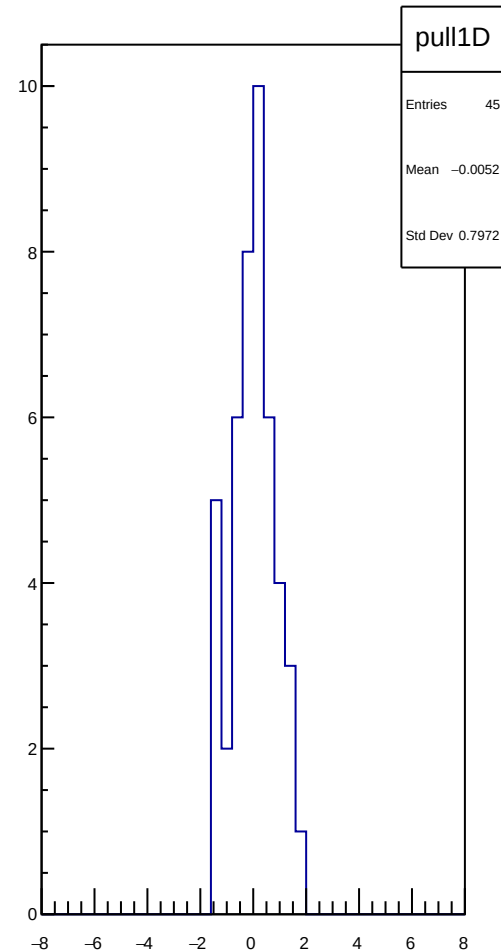
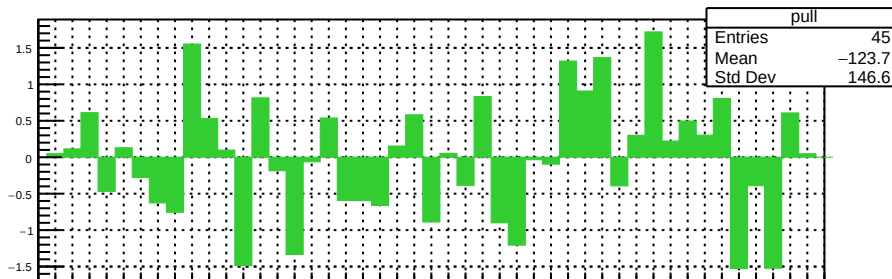
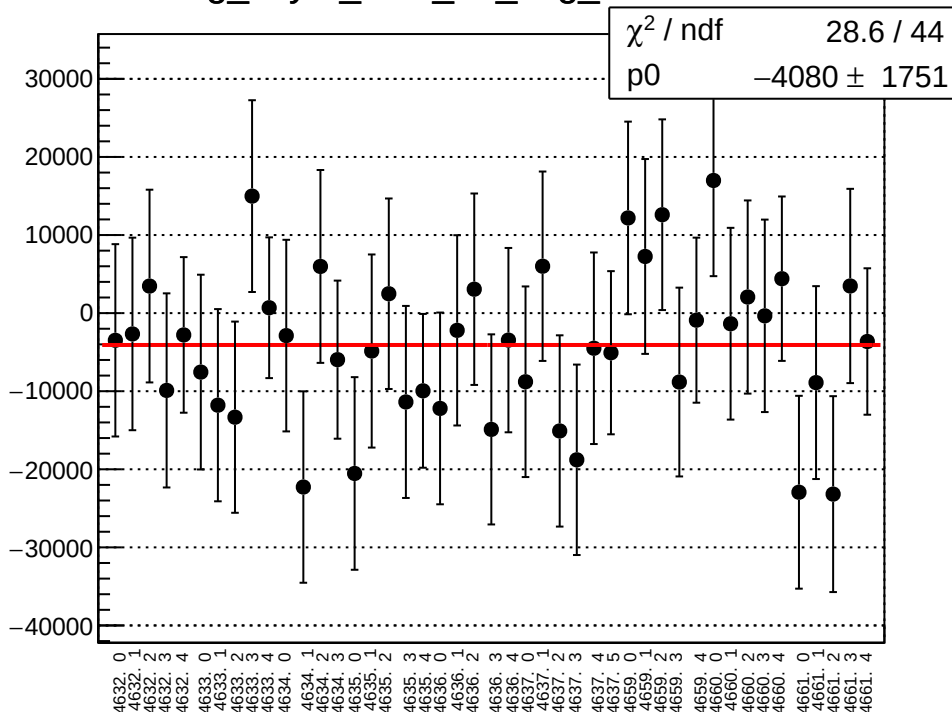
asym_sam_15_avg_correction_mean vs run



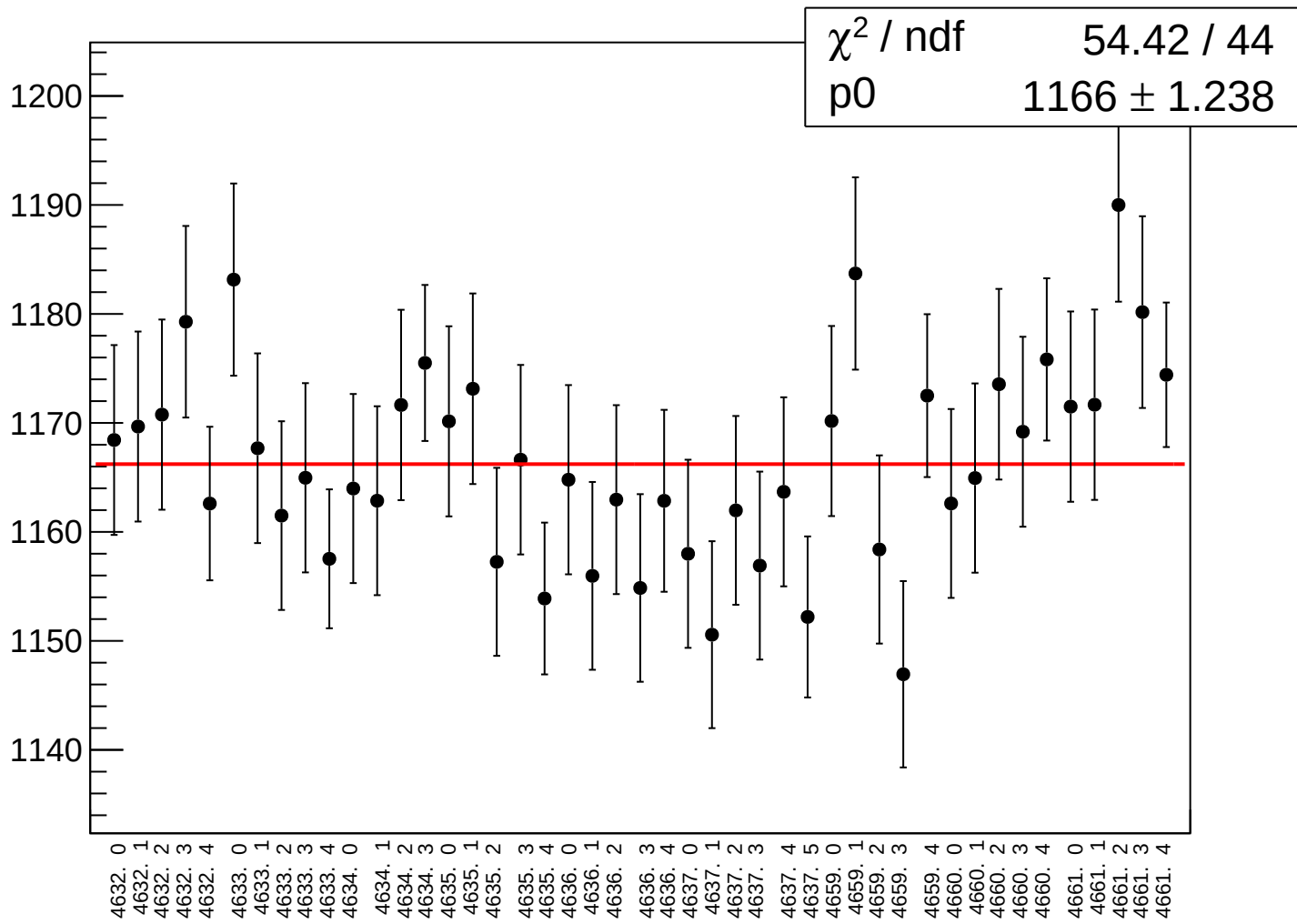
asym_sam_15_avg_correction_rms vs run



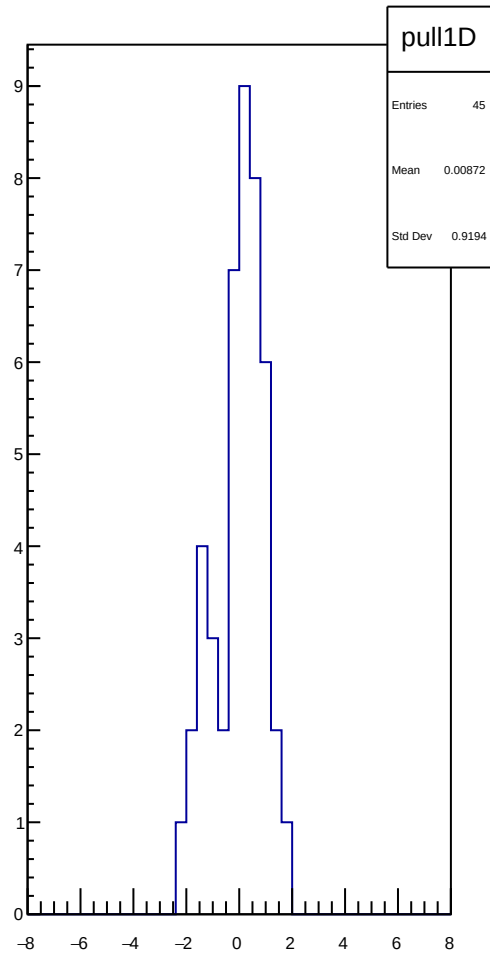
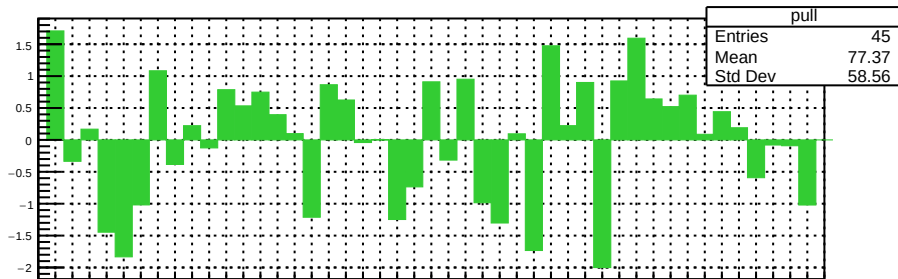
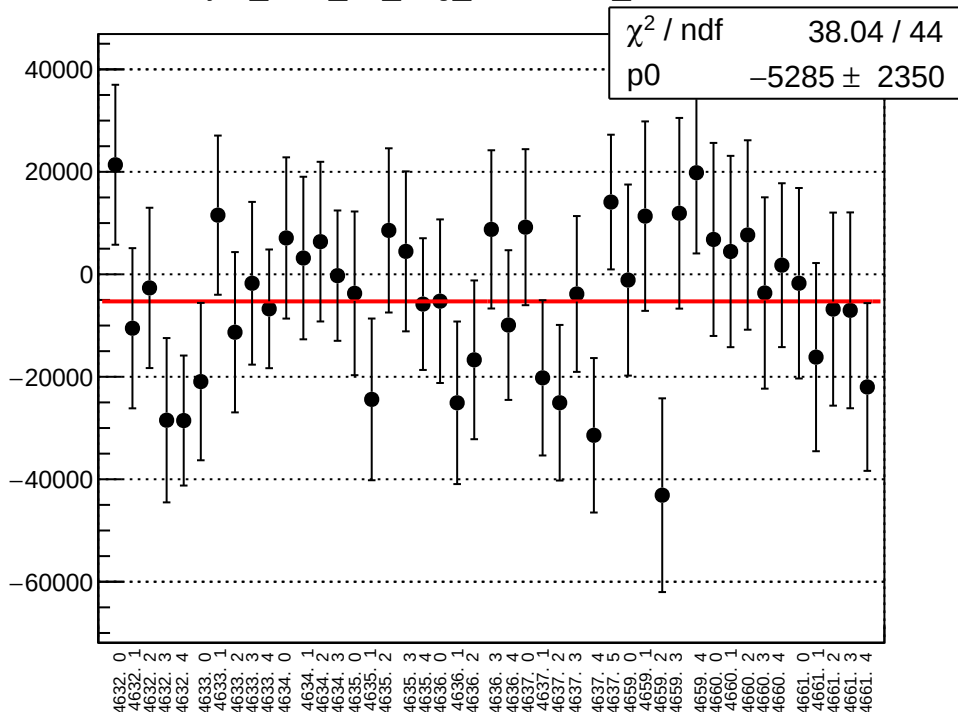
reg_asym_sam_26_avg_mean vs run



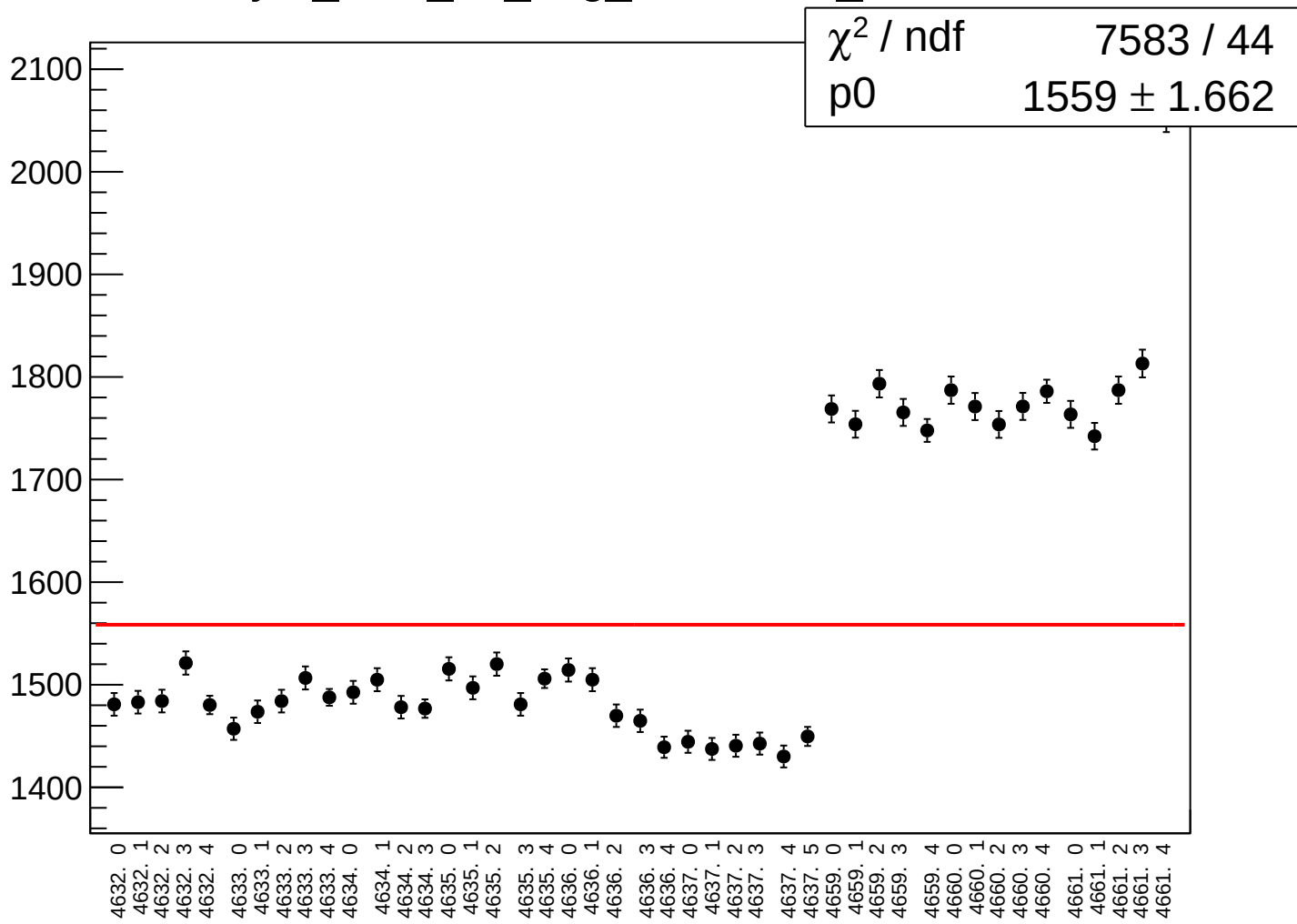
reg_asym_sam_26_avg_rms vs run



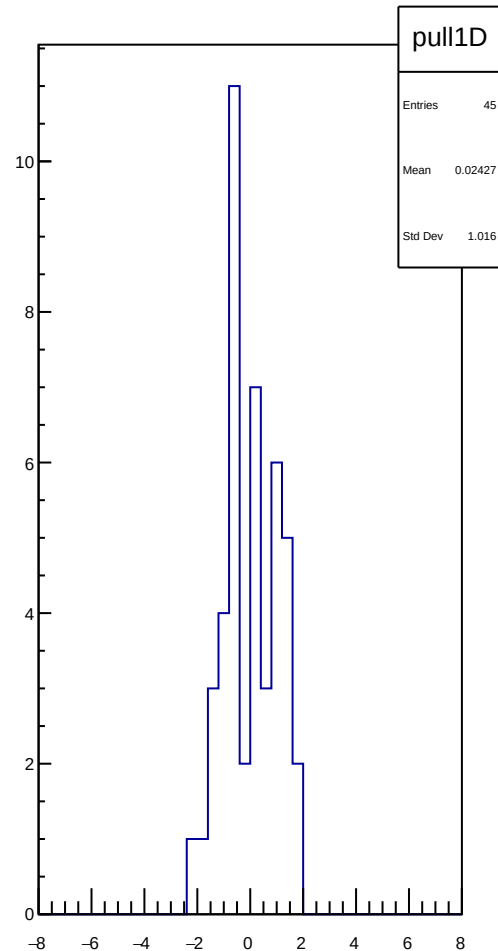
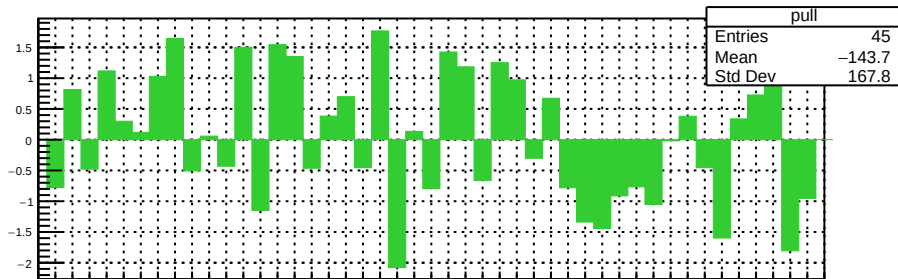
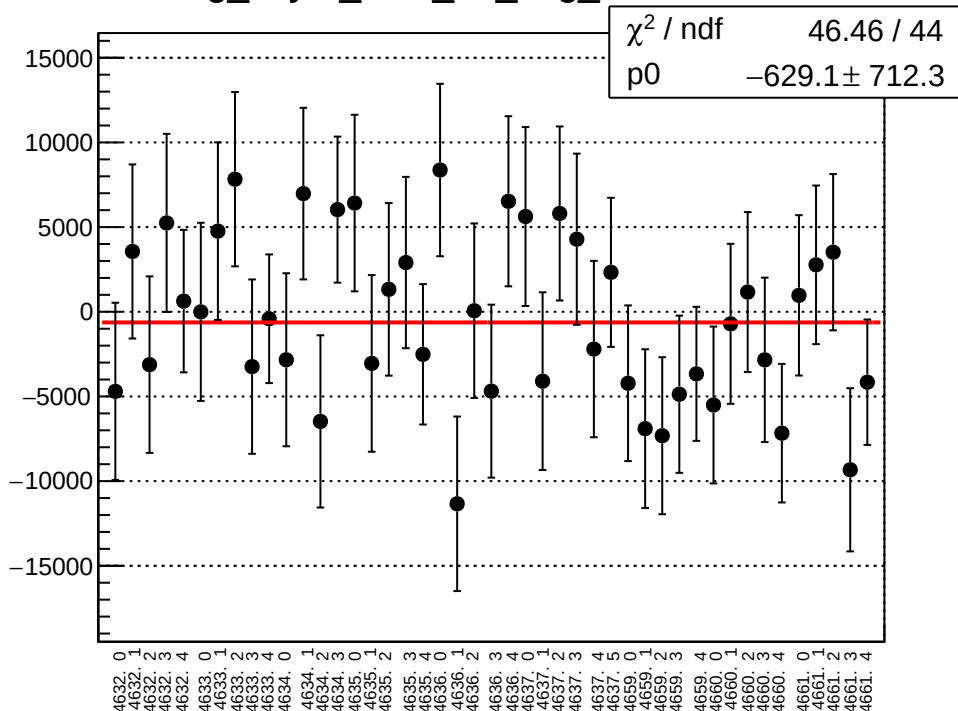
asym_sam_26_avg_correction_mean vs run



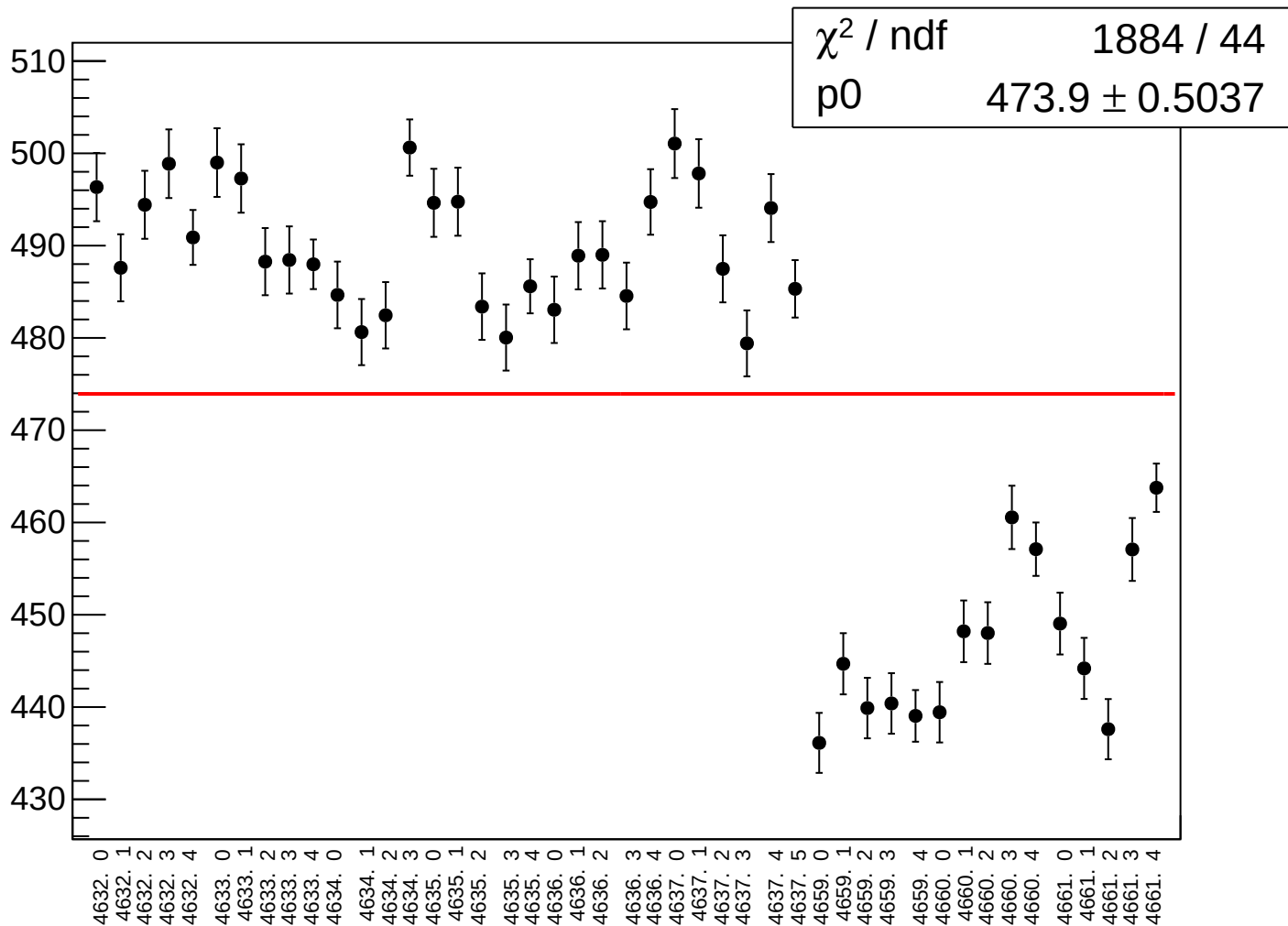
asym_sam_26_avg_correction_rms vs run



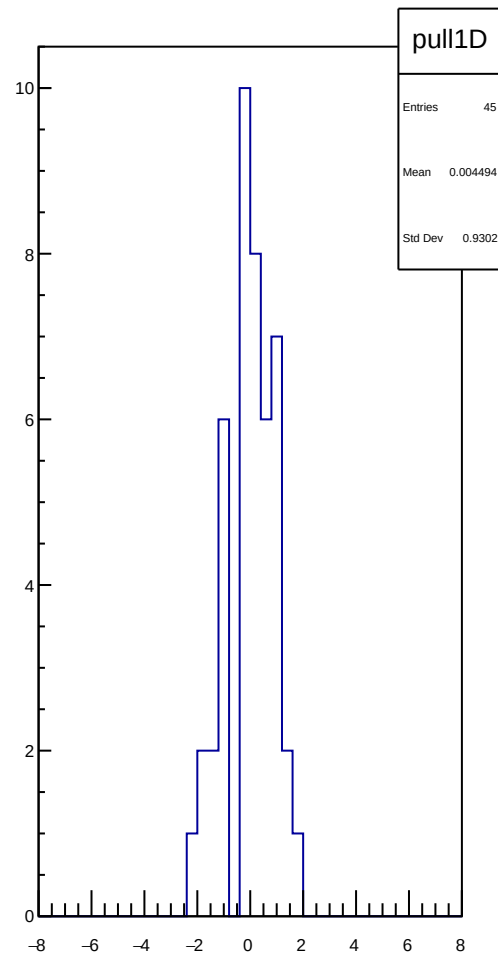
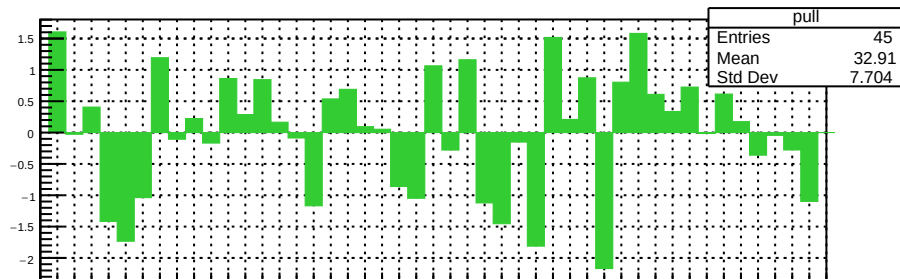
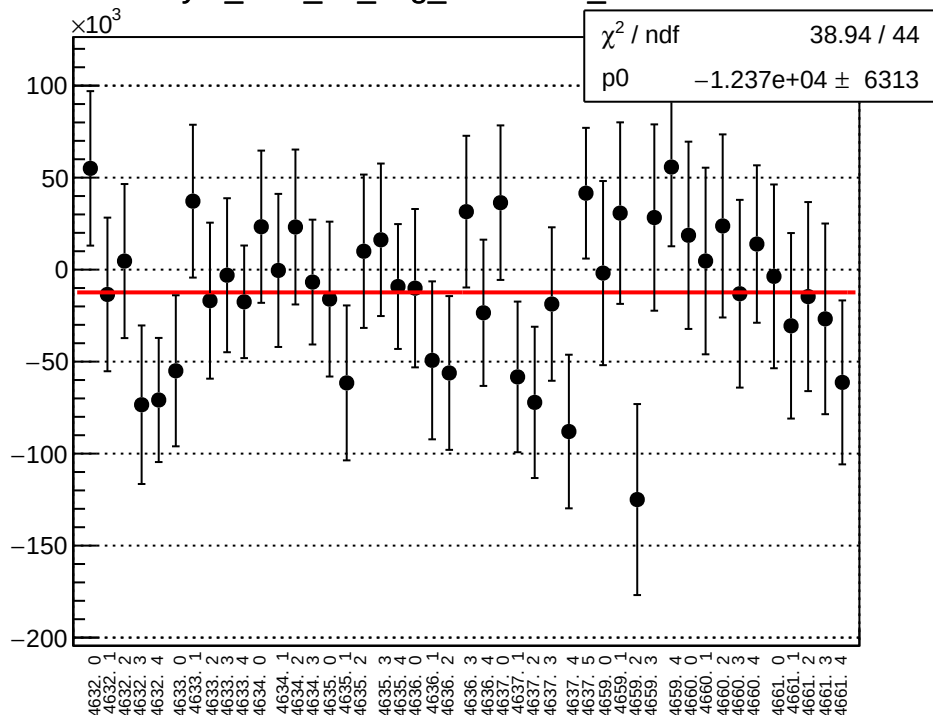
reg_asym_sam_37_avg_mean vs run



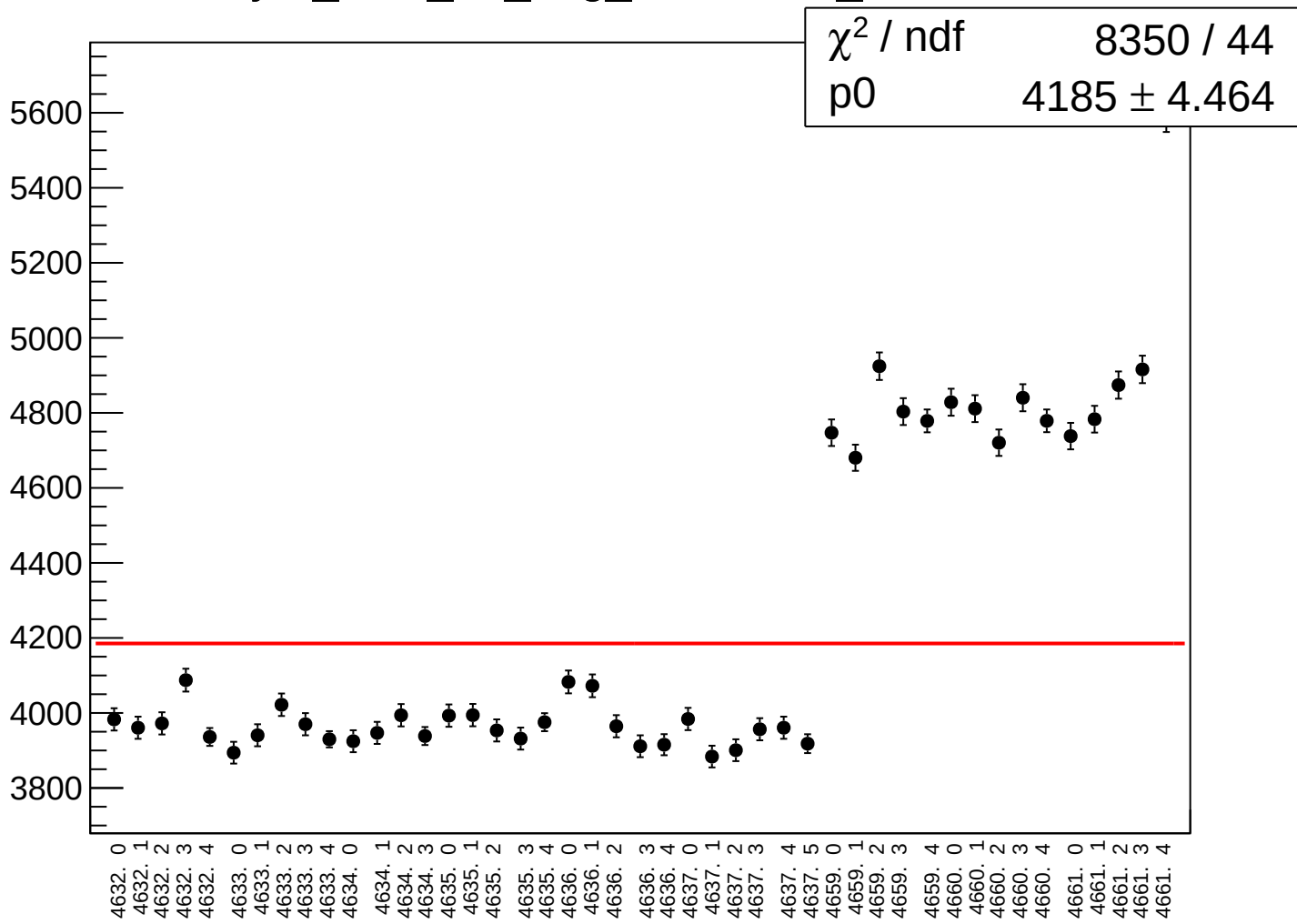
reg_asym_sam_37_avg_rms vs run



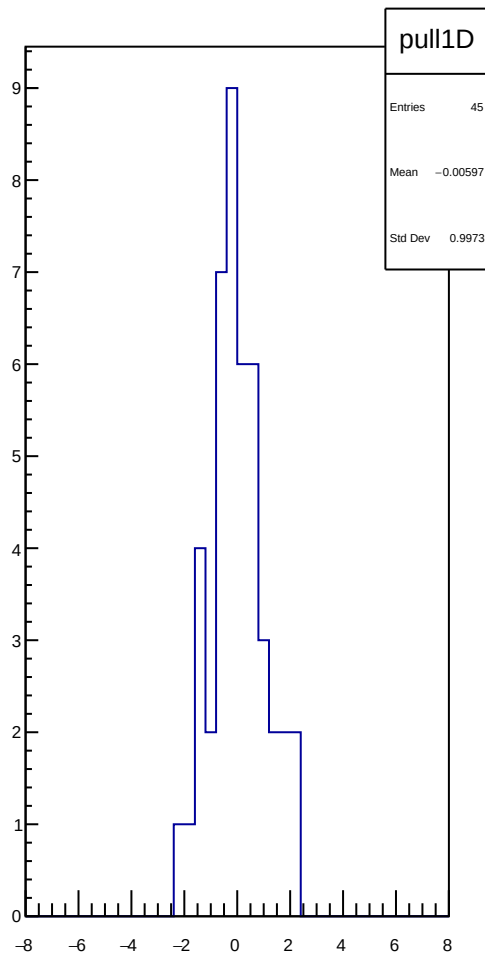
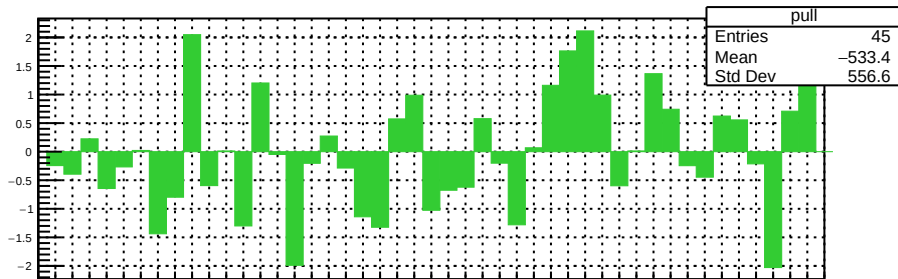
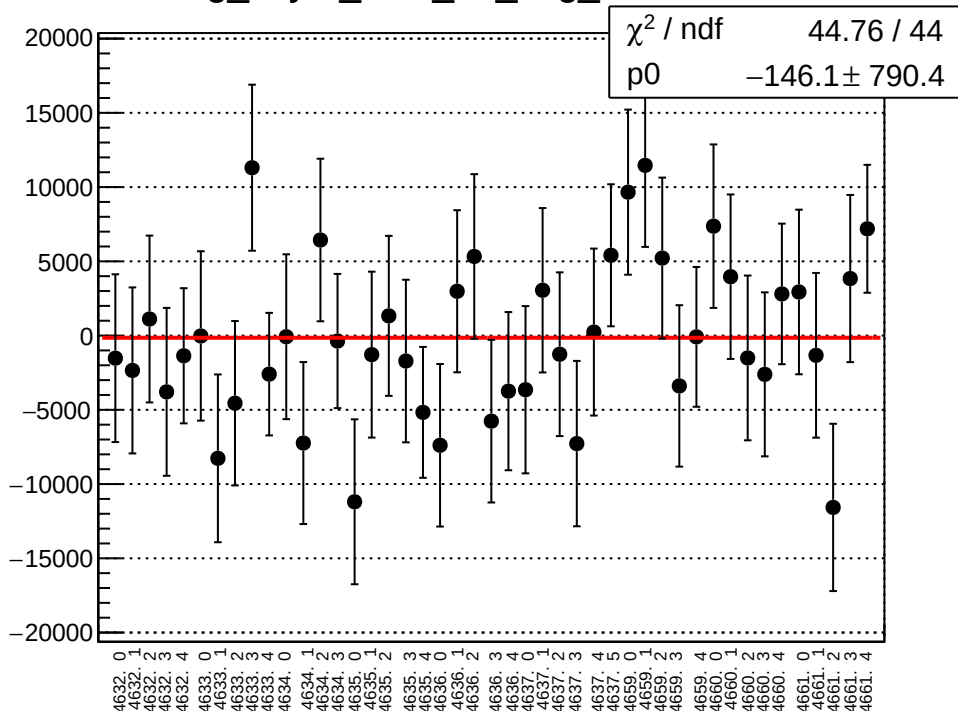
asym_sam_37_avg_correction_mean vs run



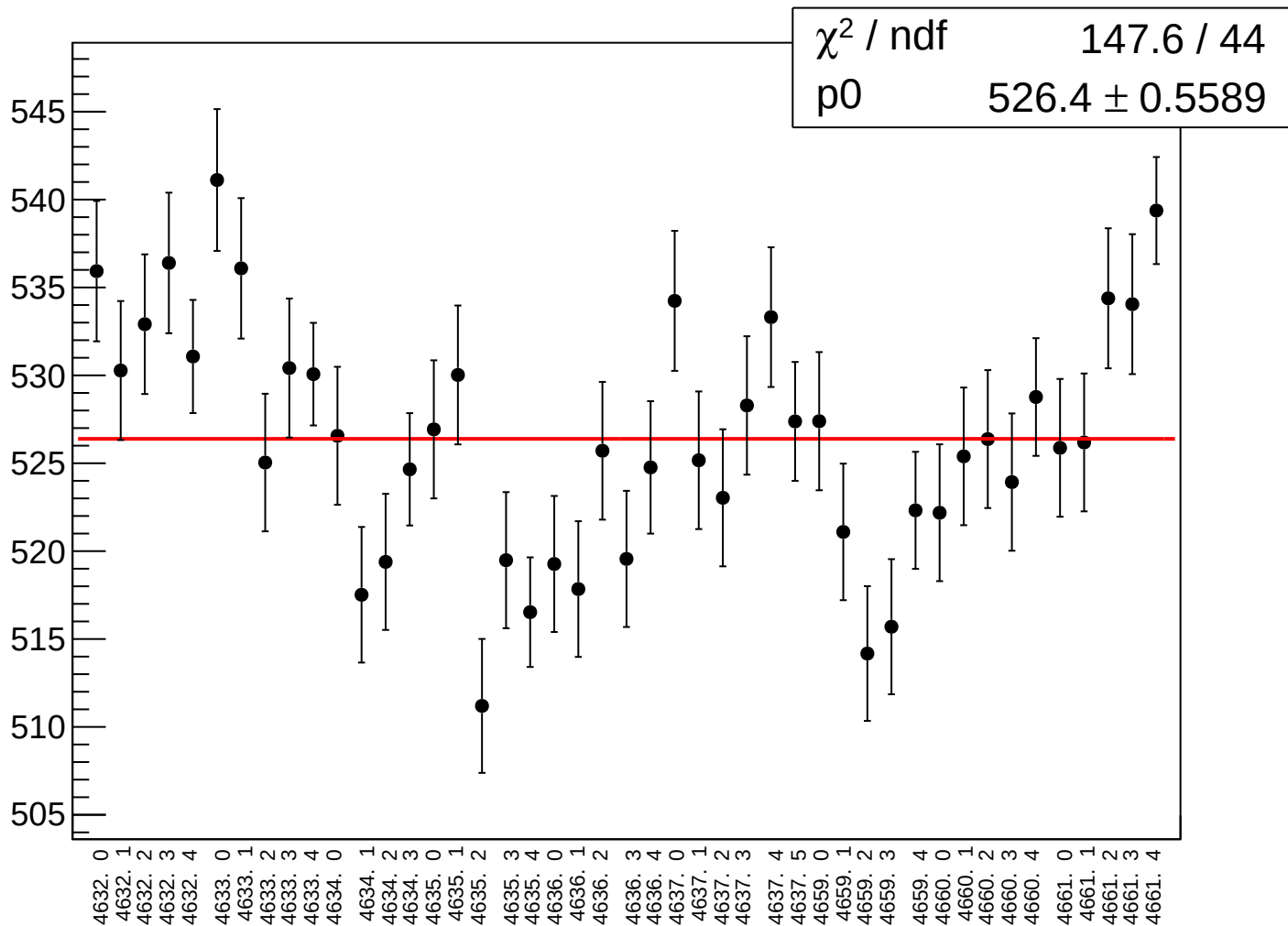
asym_sam_37_avg_correction_rms vs run



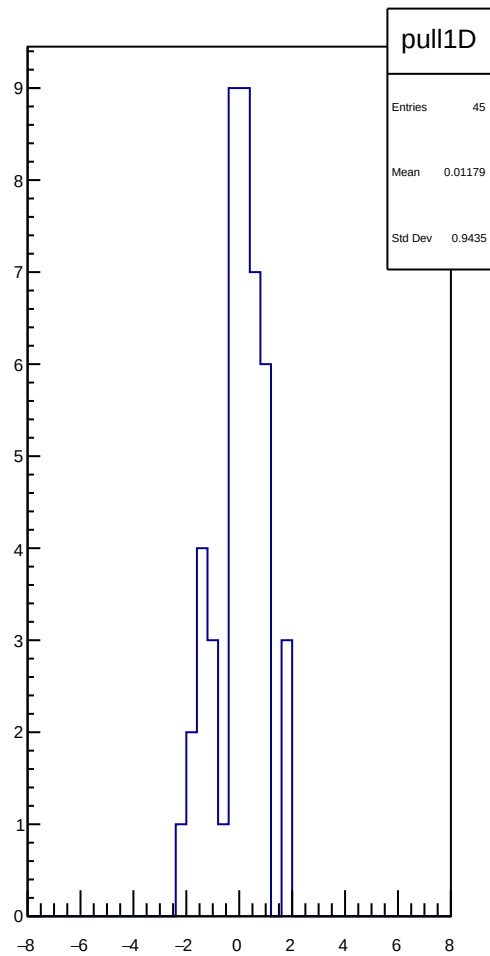
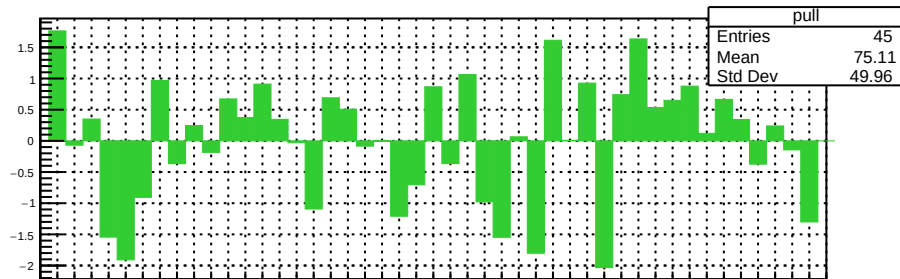
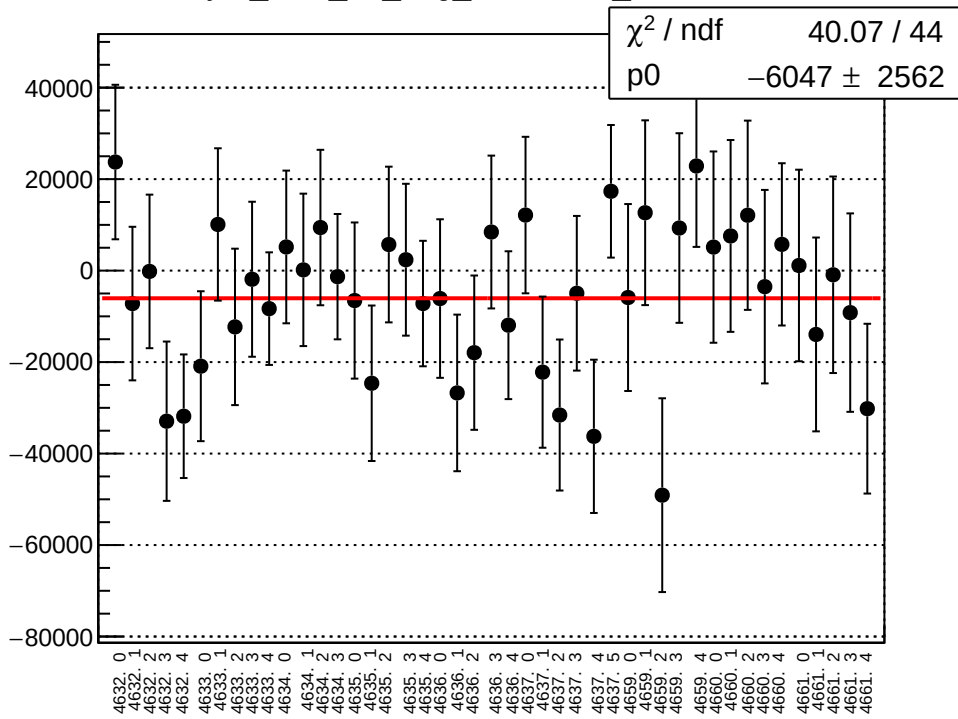
reg_asym_sam_48_avg_mean vs run



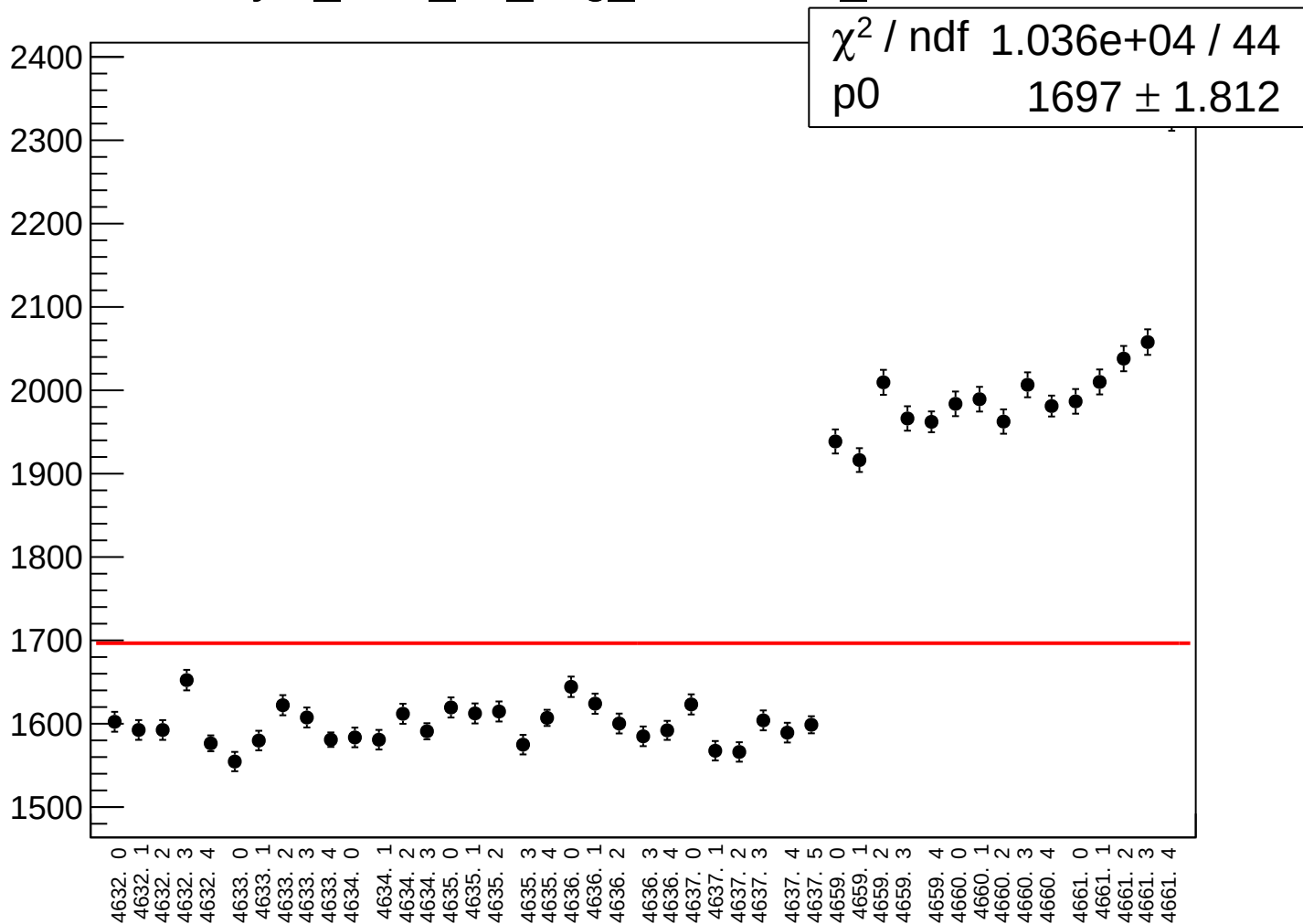
reg_asym_sam_48_avg_rms vs run



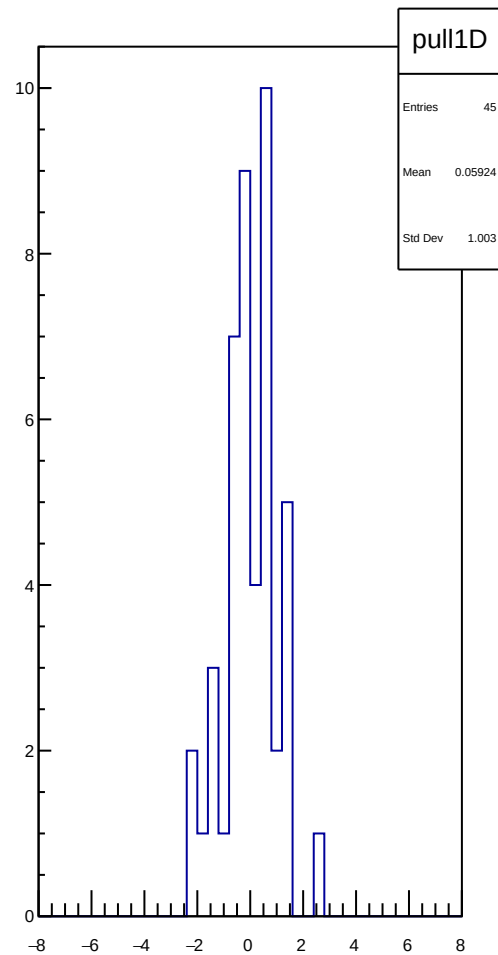
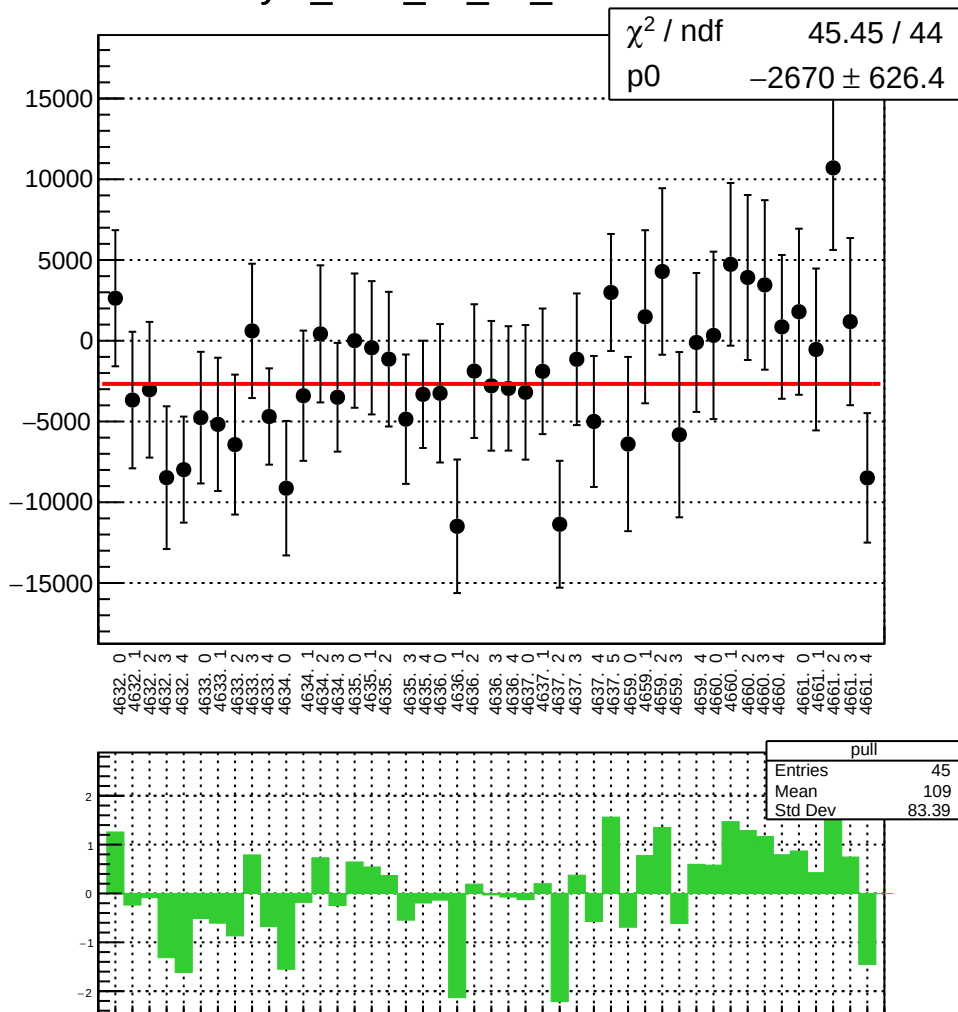
asym_sam_48_avg_correction_mean vs run



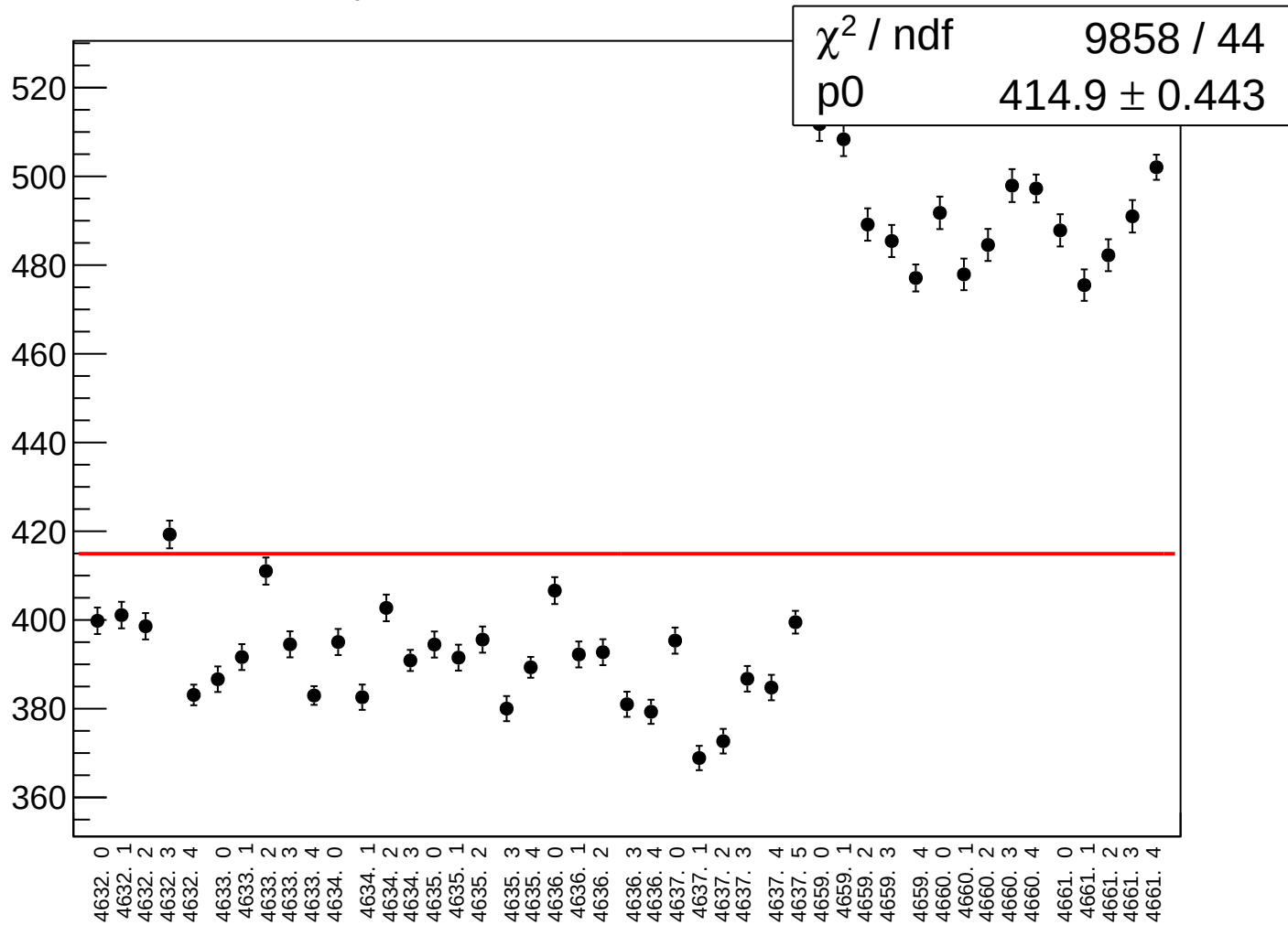
asym_sam_48_avg_correction_rms vs run



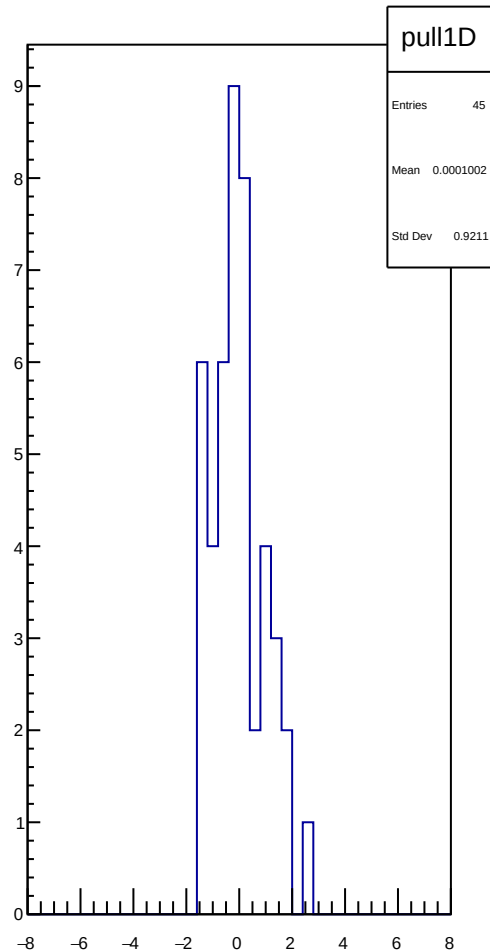
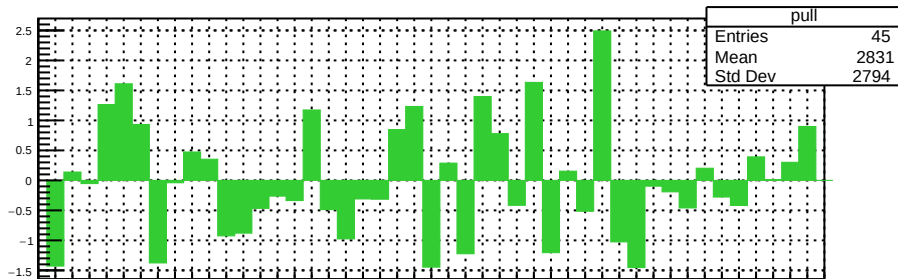
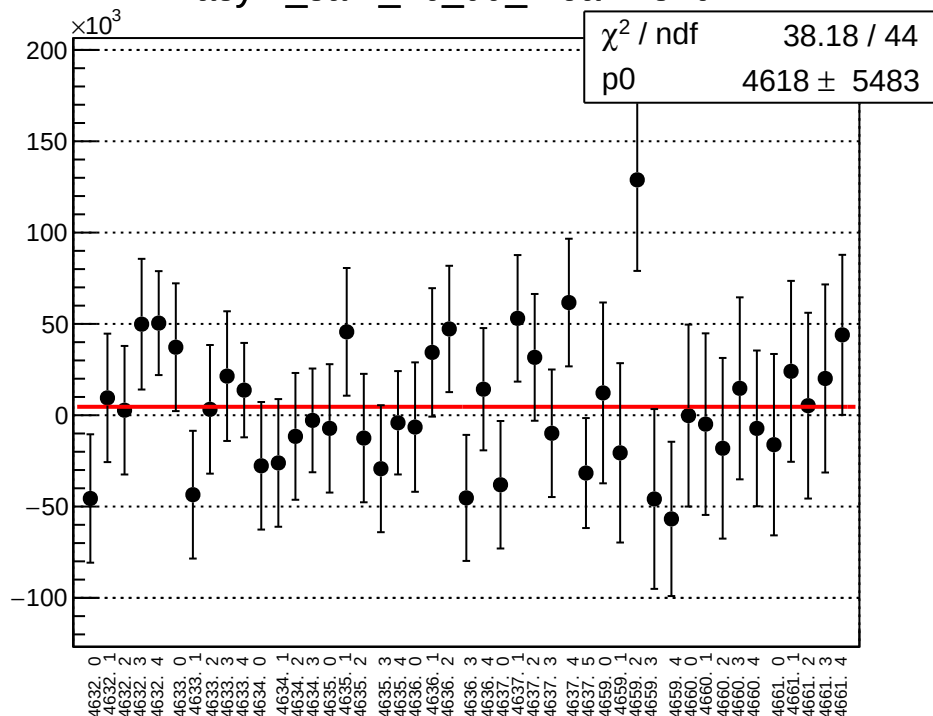
asym_sam_15_dd_mean vs run



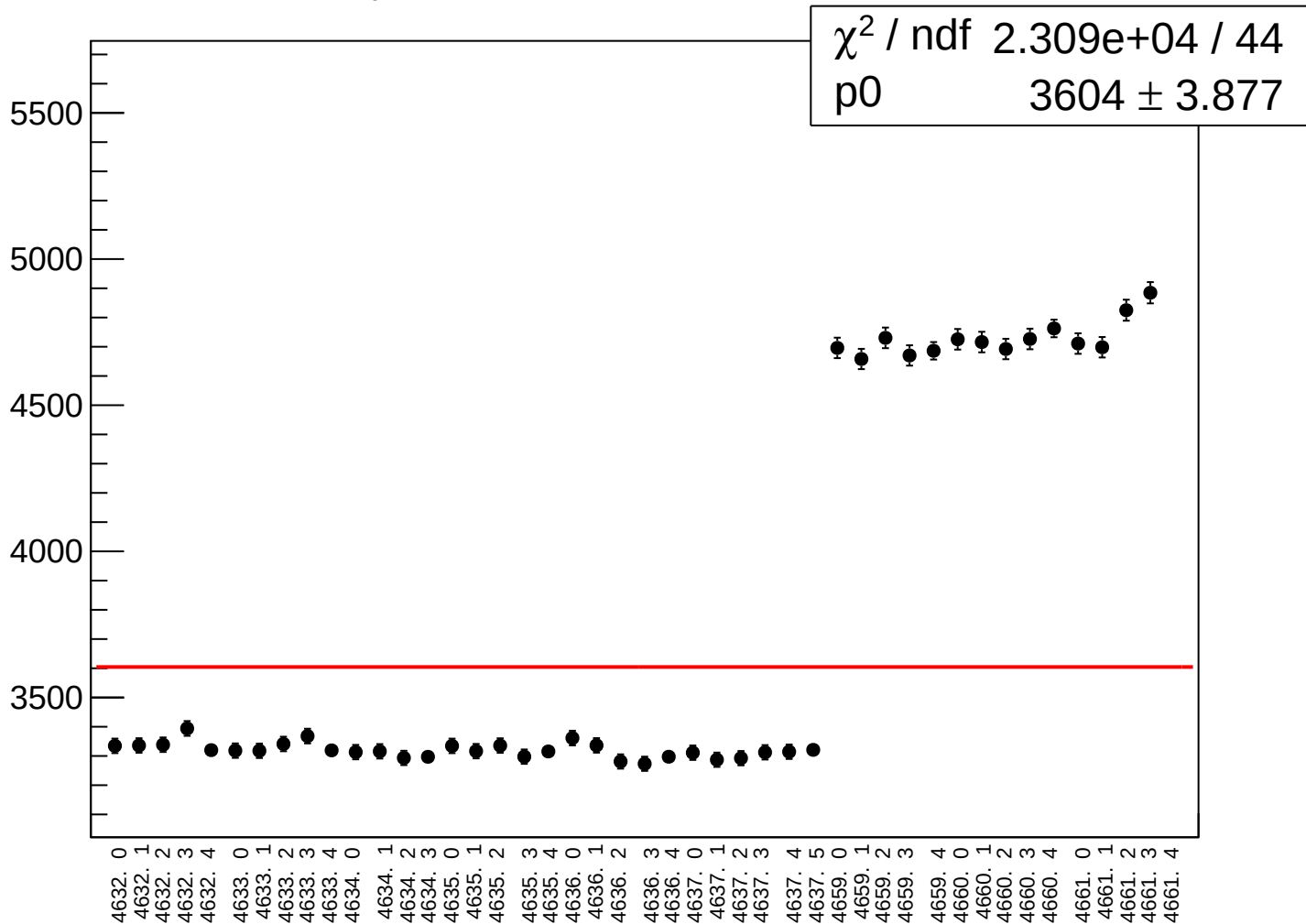
asym_sam_15_dd_rms vs run



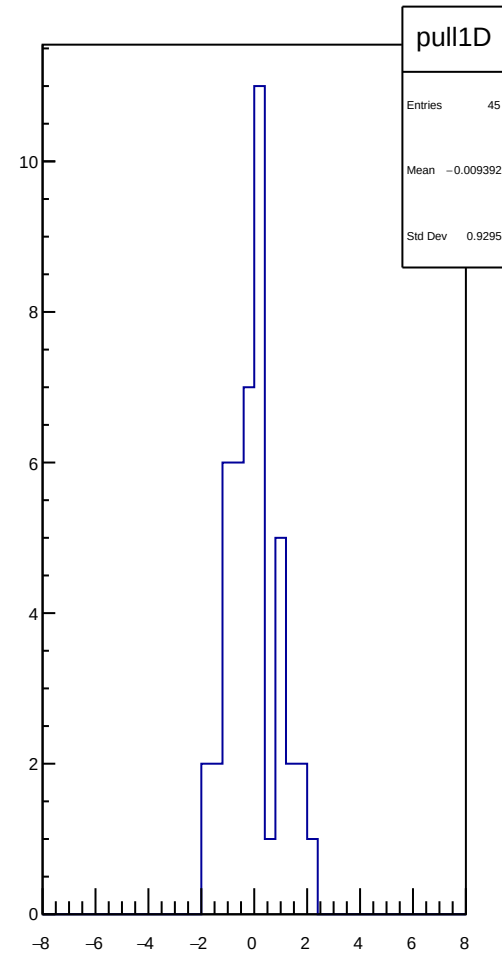
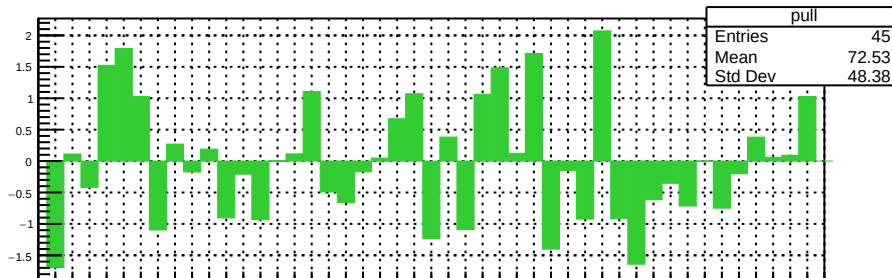
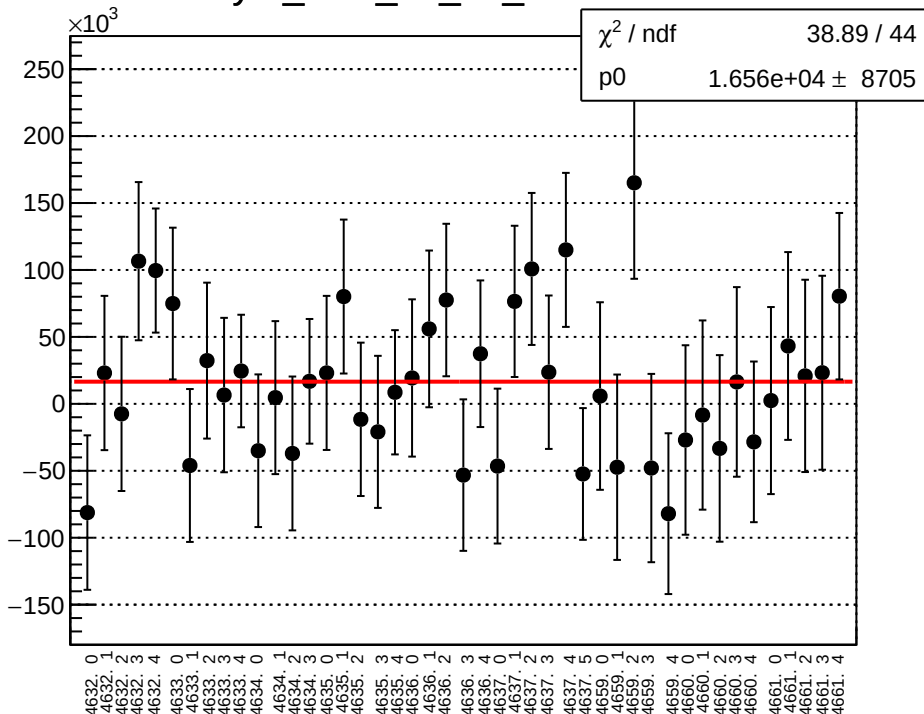
asym_sam_26_dd_mean vs run



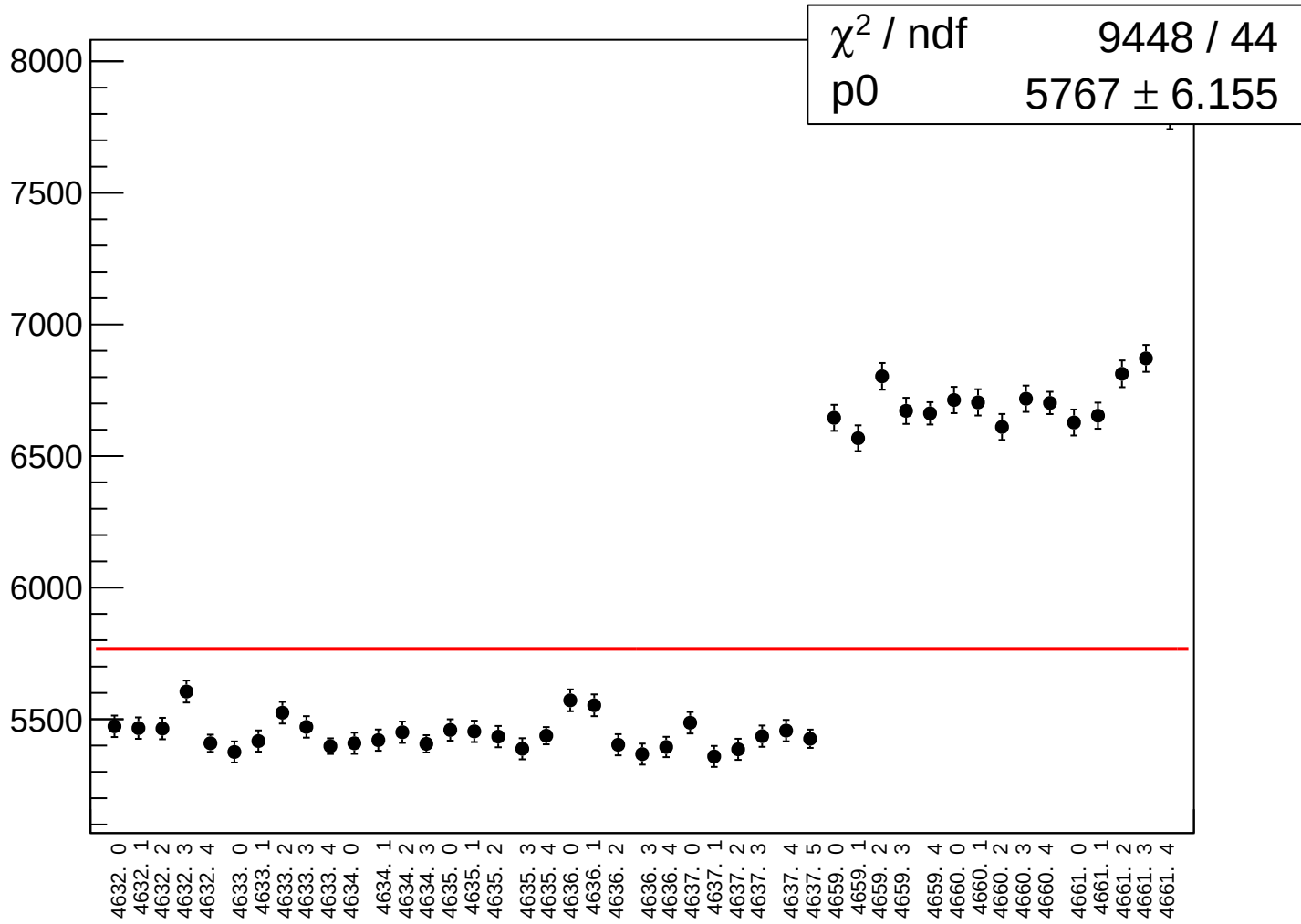
asym_sam_26_dd_rms vs run



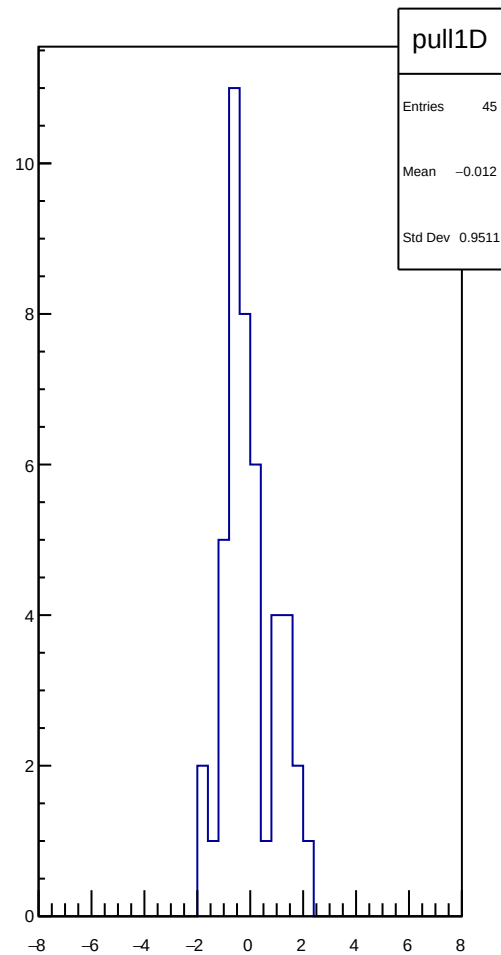
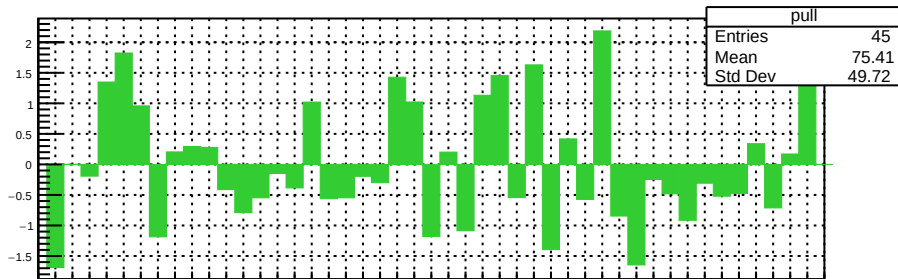
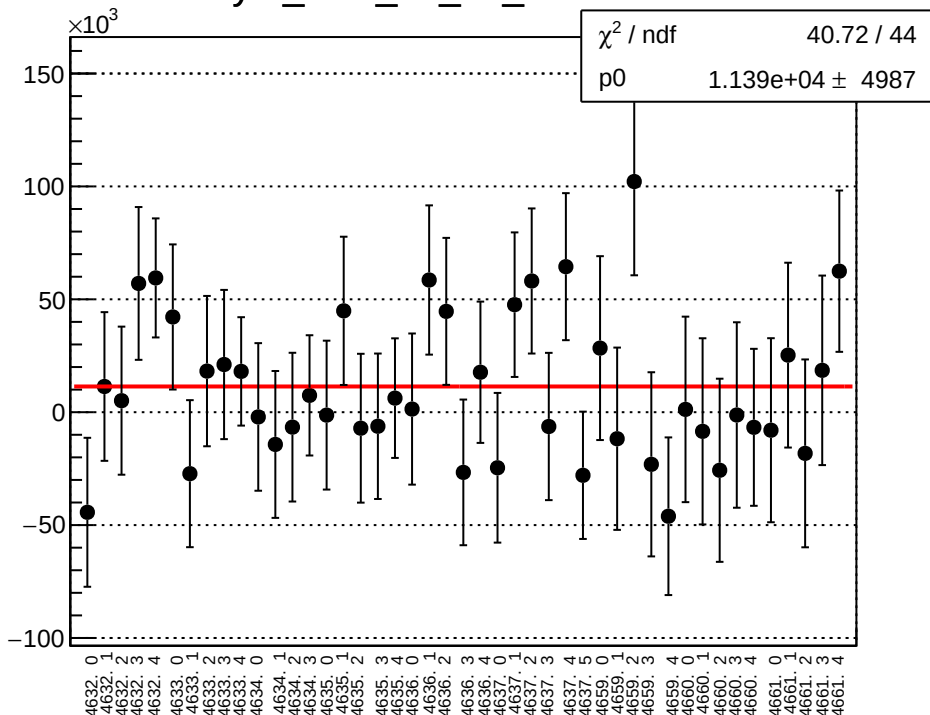
asym_sam_37_dd_mean vs run



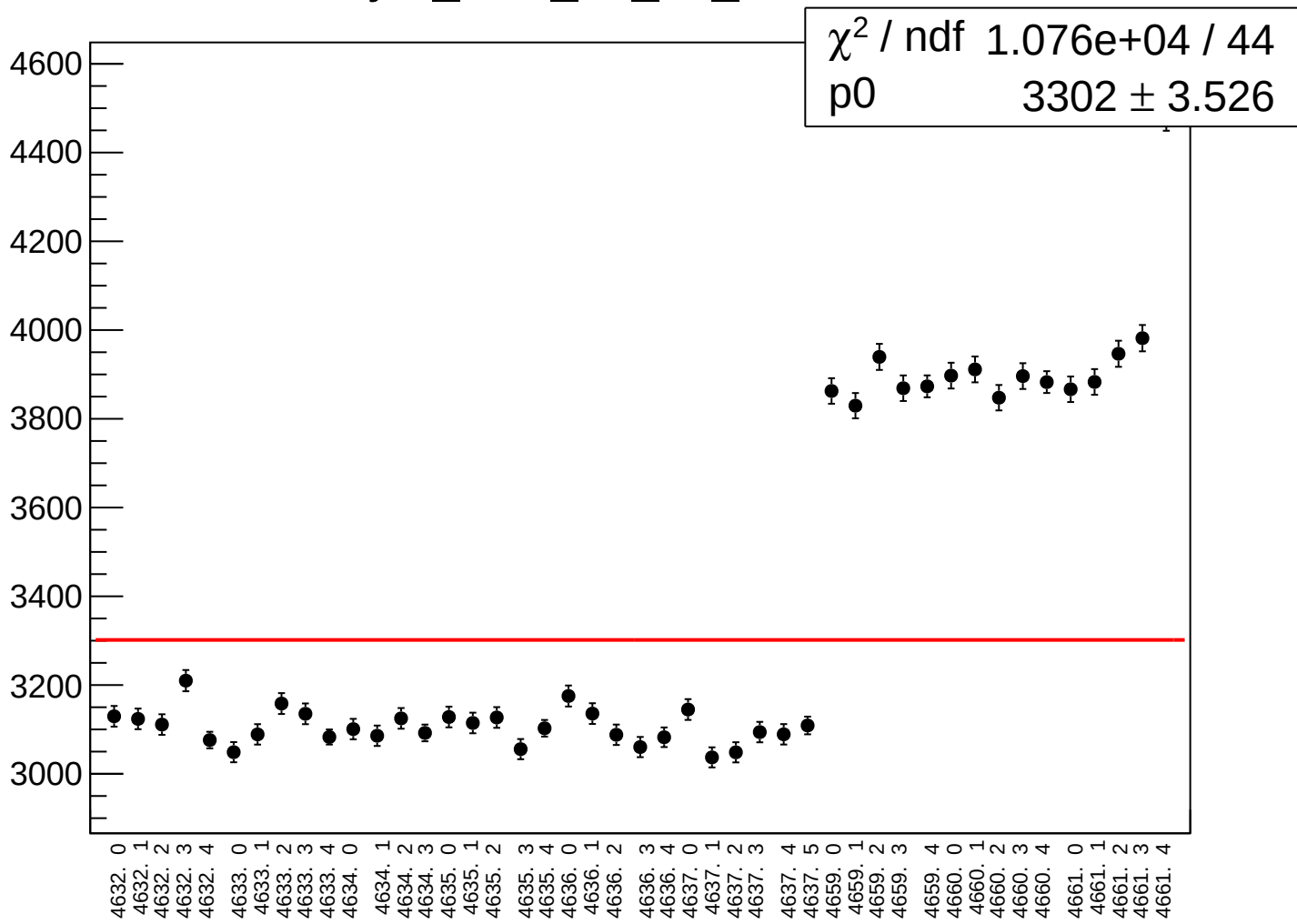
asym_sam_37_dd_rms vs run



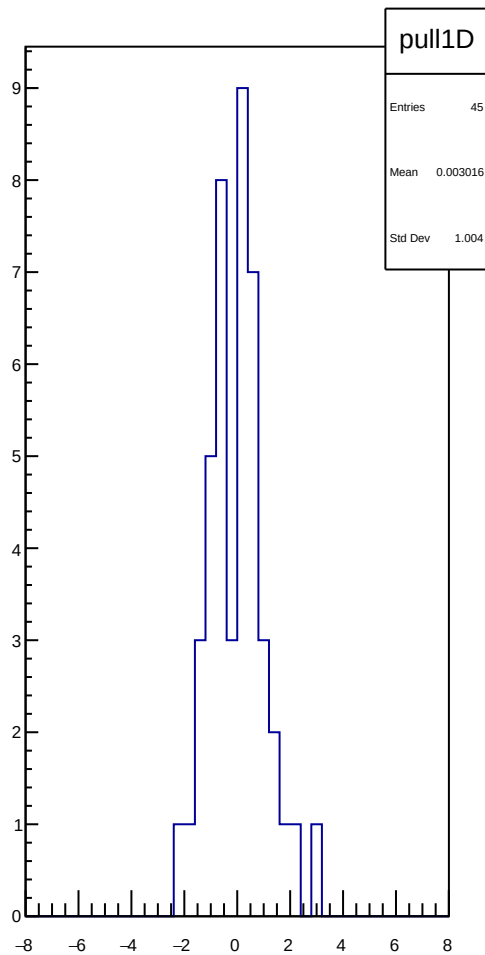
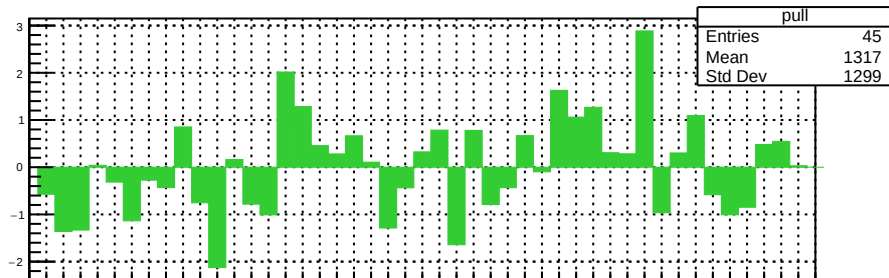
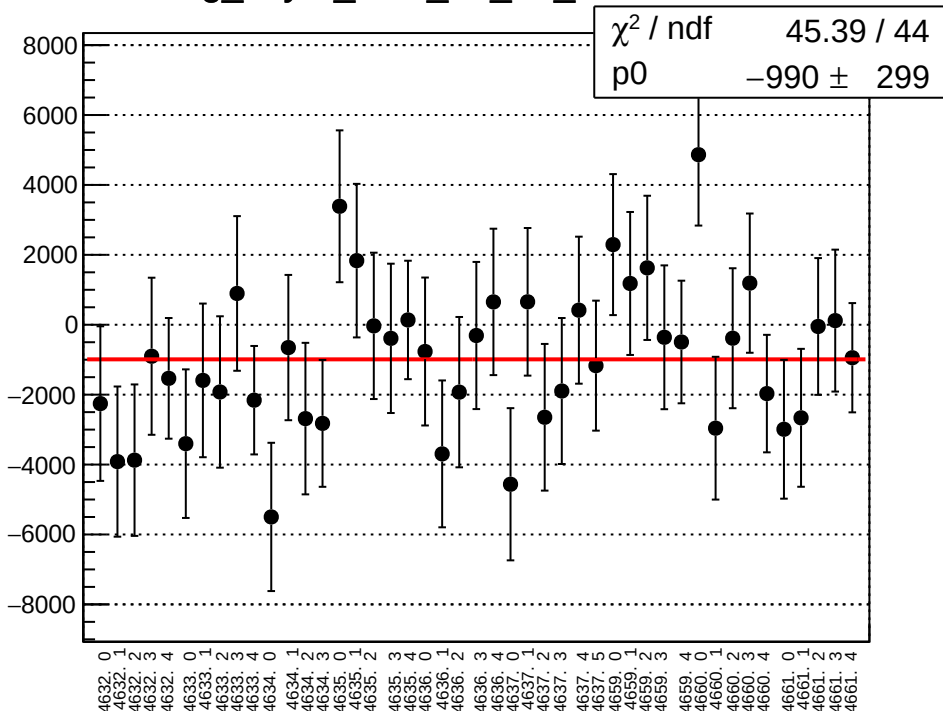
asym_sam_48_dd_mean vs run



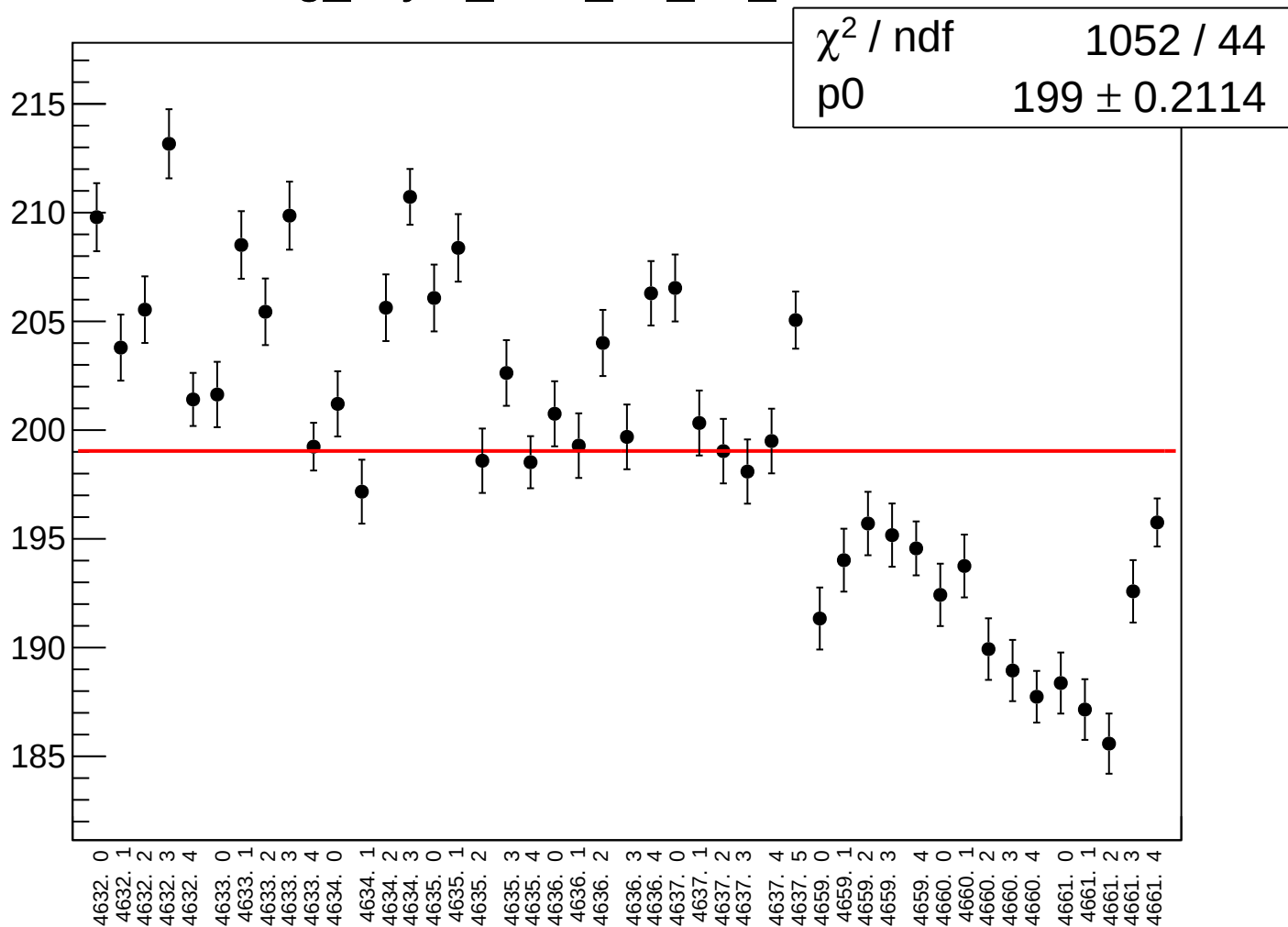
asym_sam_48_dd_rms vs run



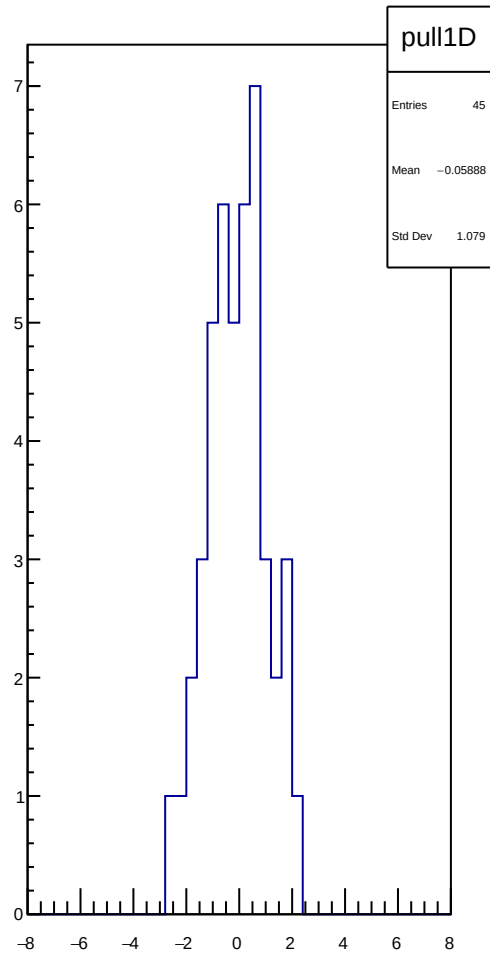
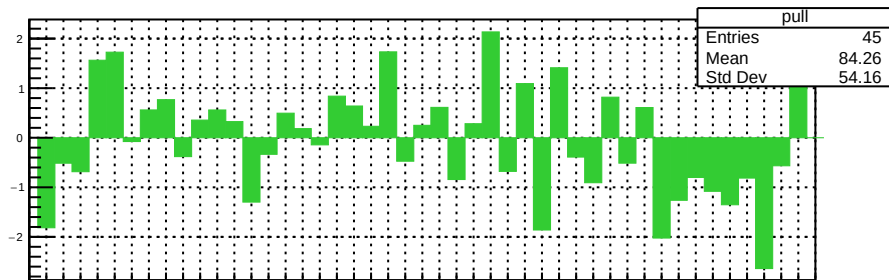
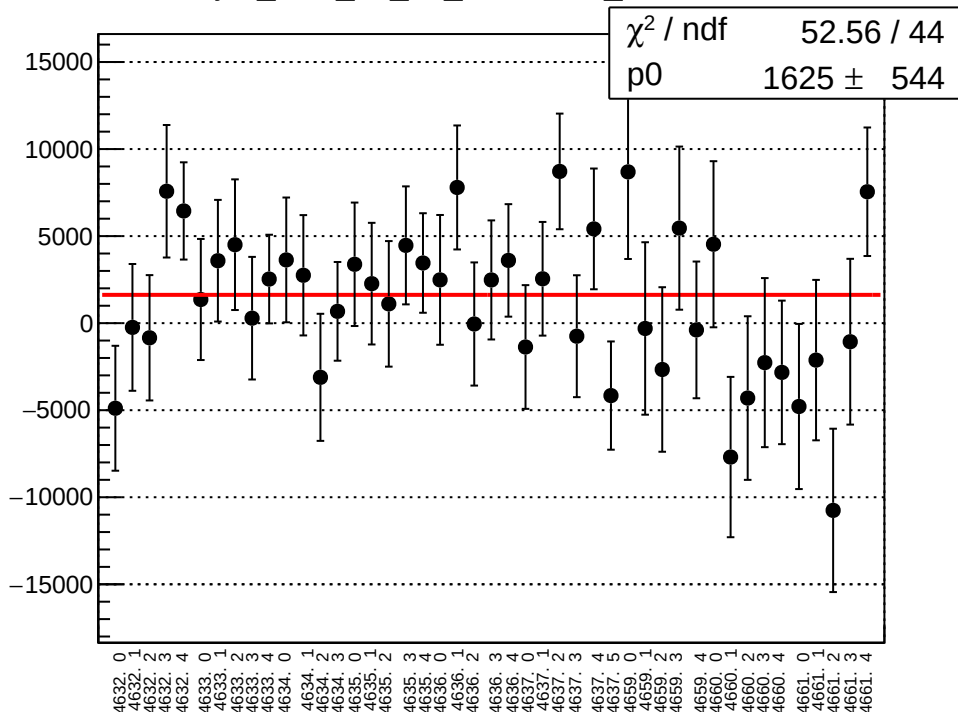
reg_asym_sam_15_dd_mean vs run



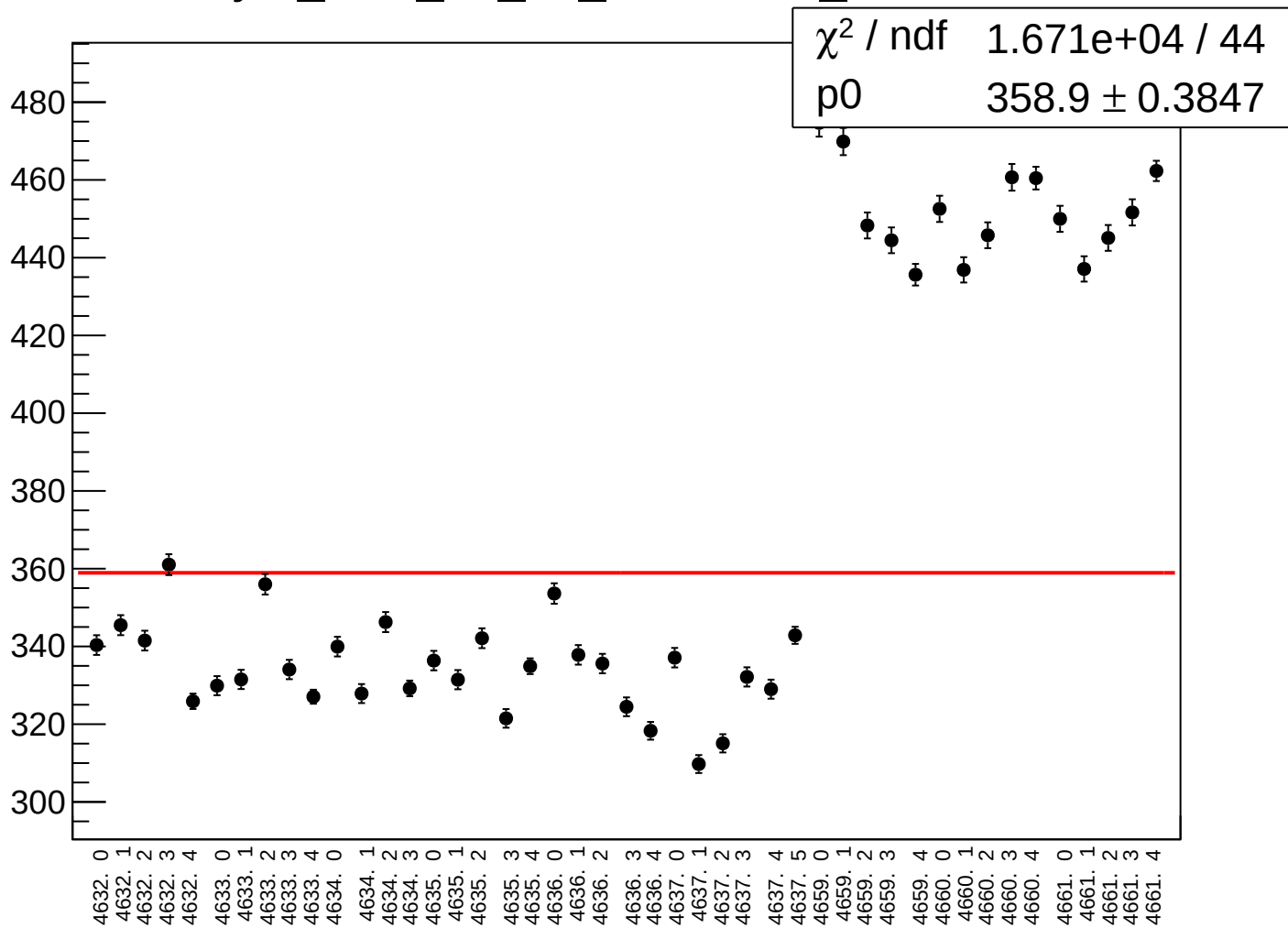
reg_asym_sam_15_dd_rms vs run



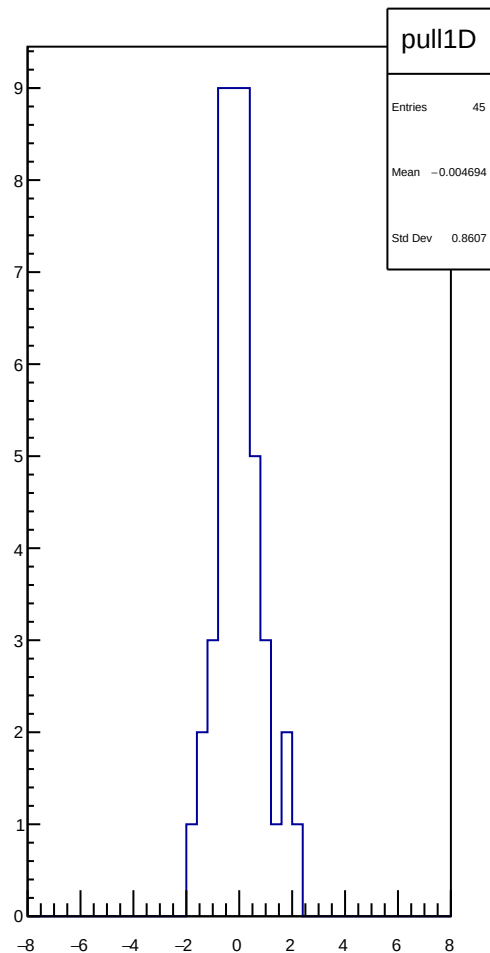
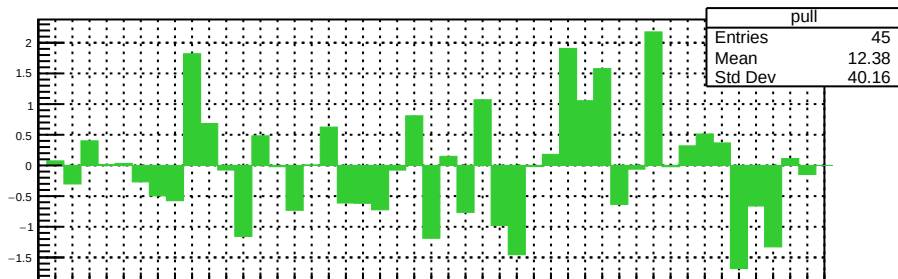
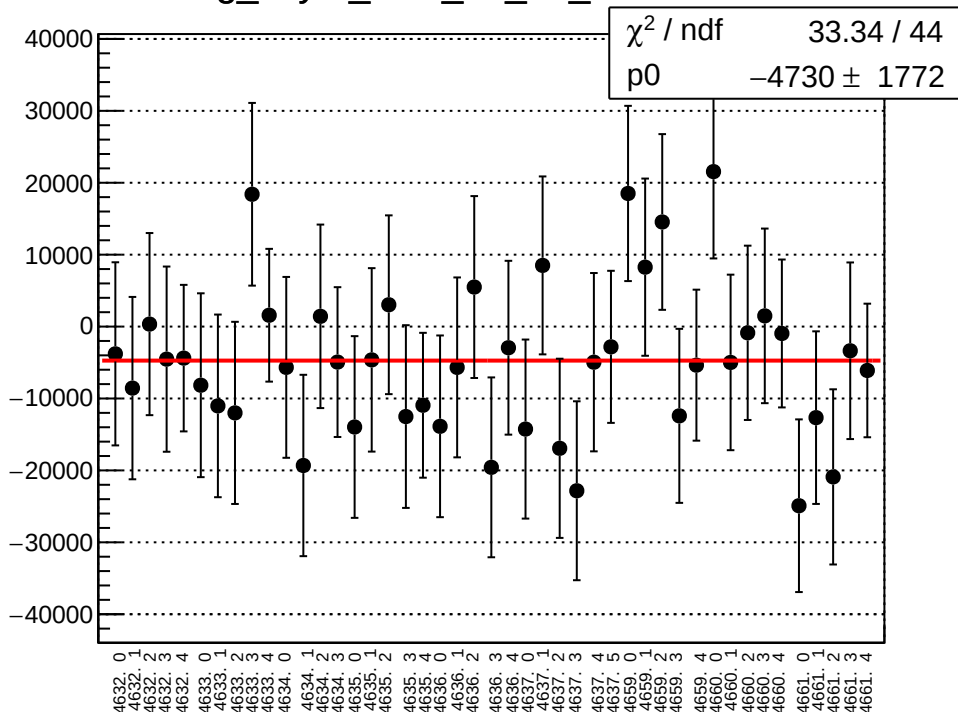
asym_sam_15_dd_correction_mean vs run



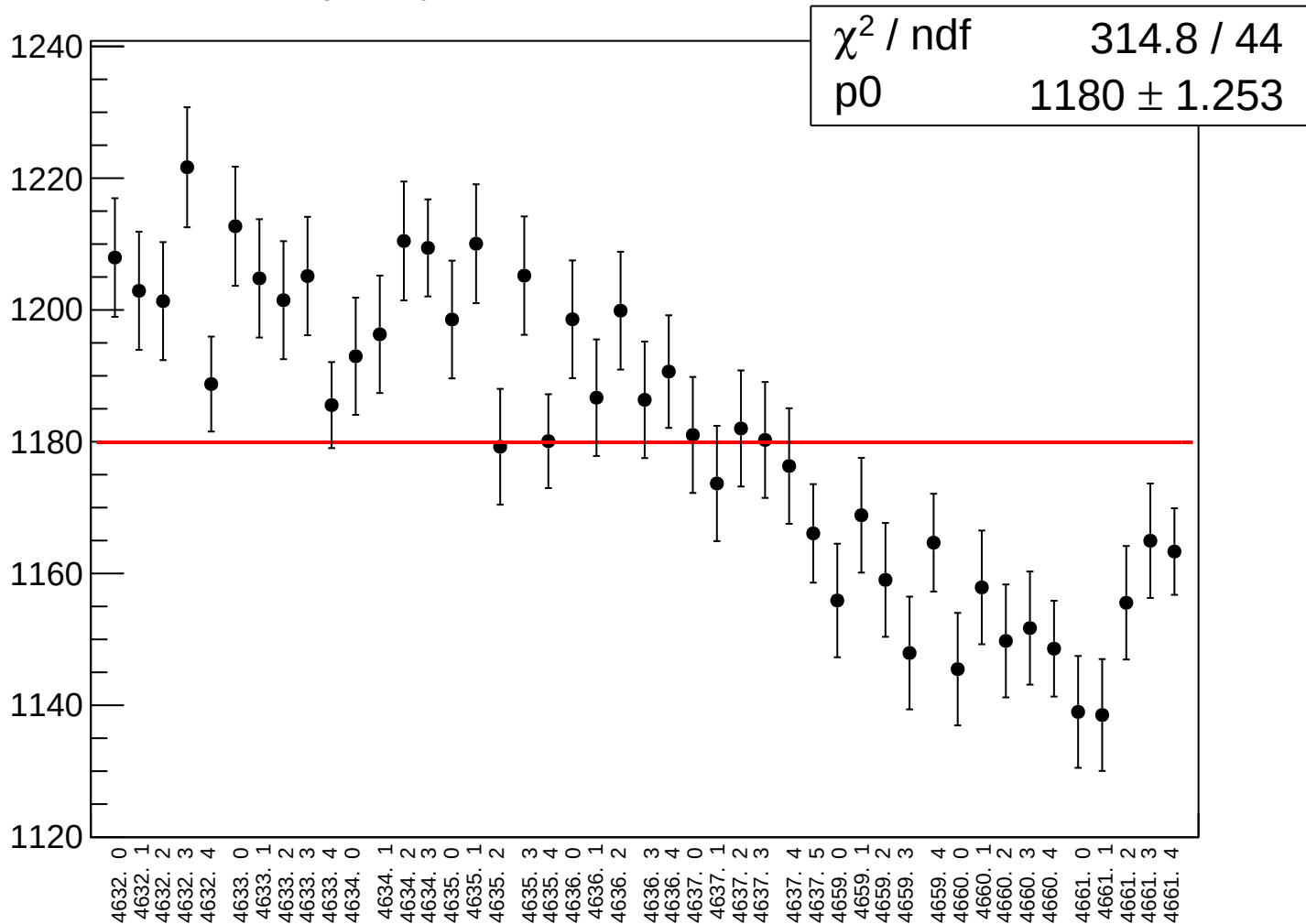
asym_sam_15_dd_correction_rms vs run



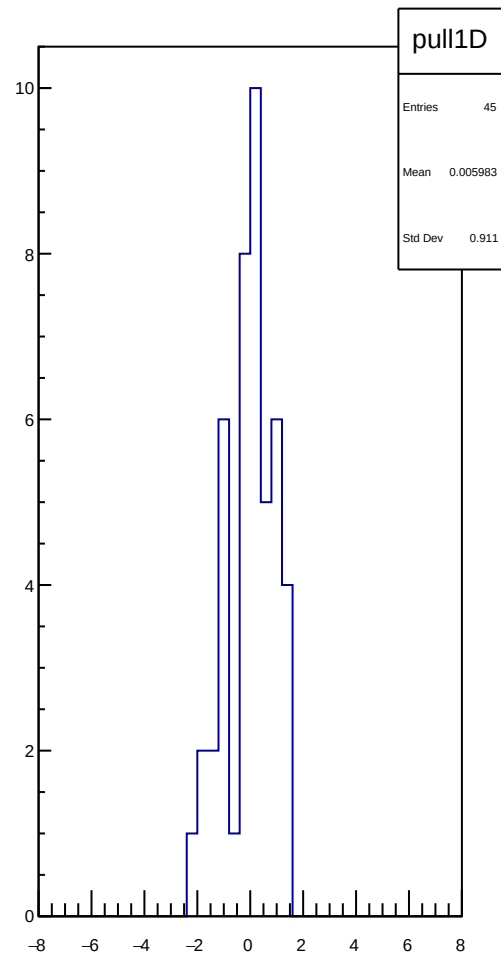
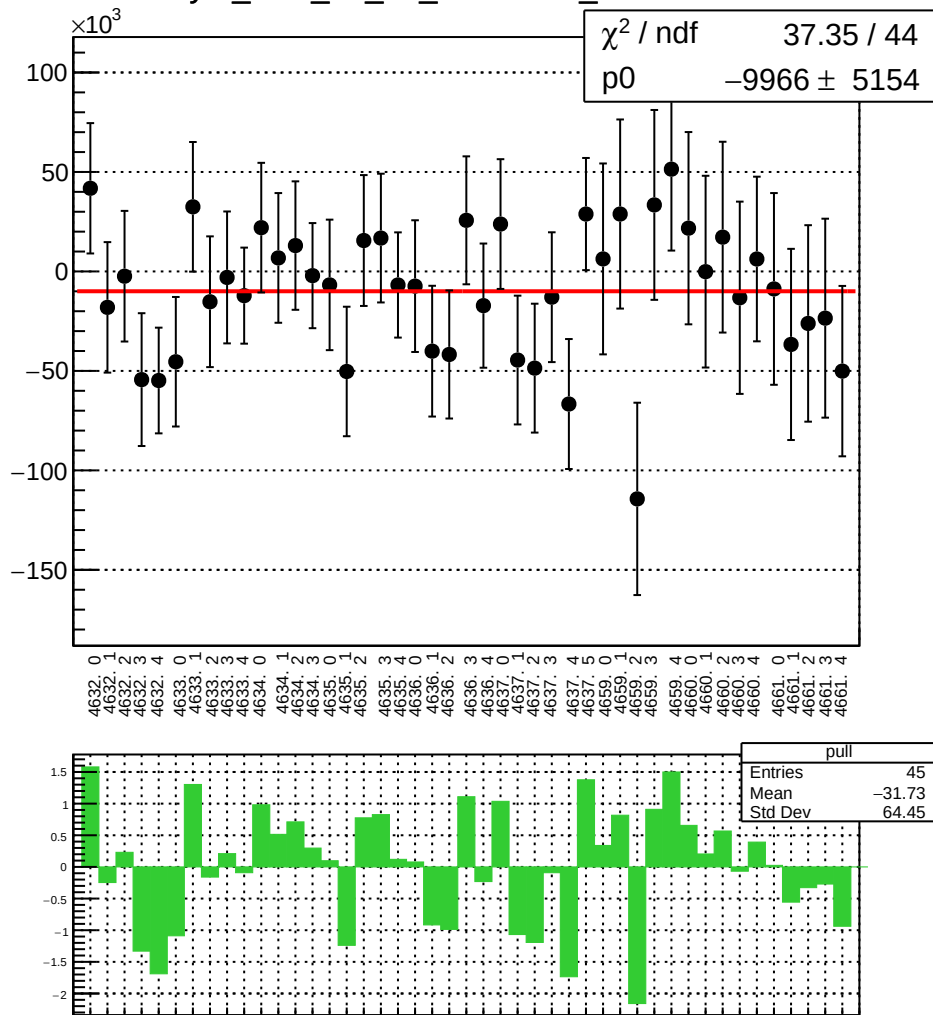
reg_asym_sam_26_dd_mean vs run



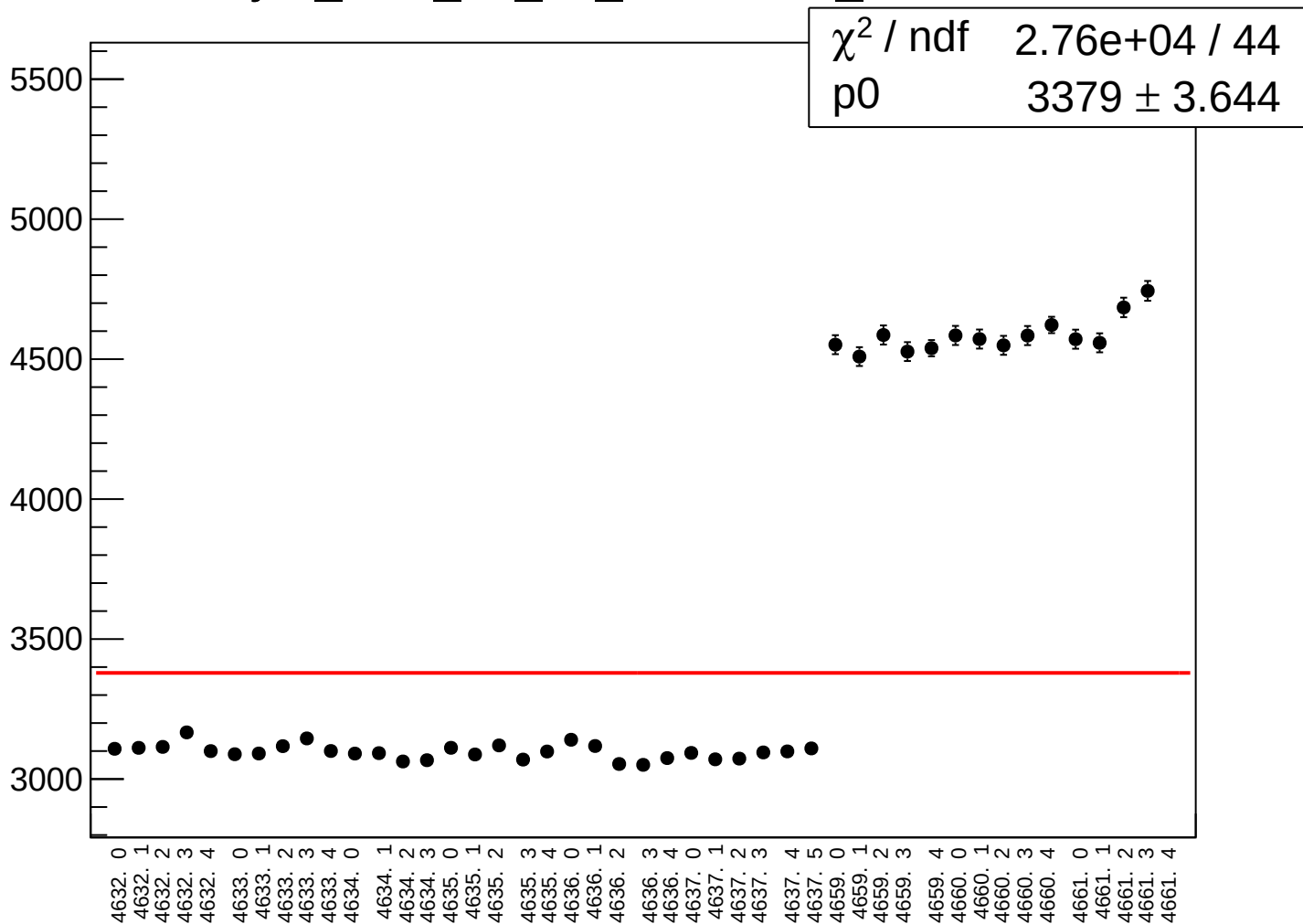
reg_asym_sam_26_dd_rms vs run



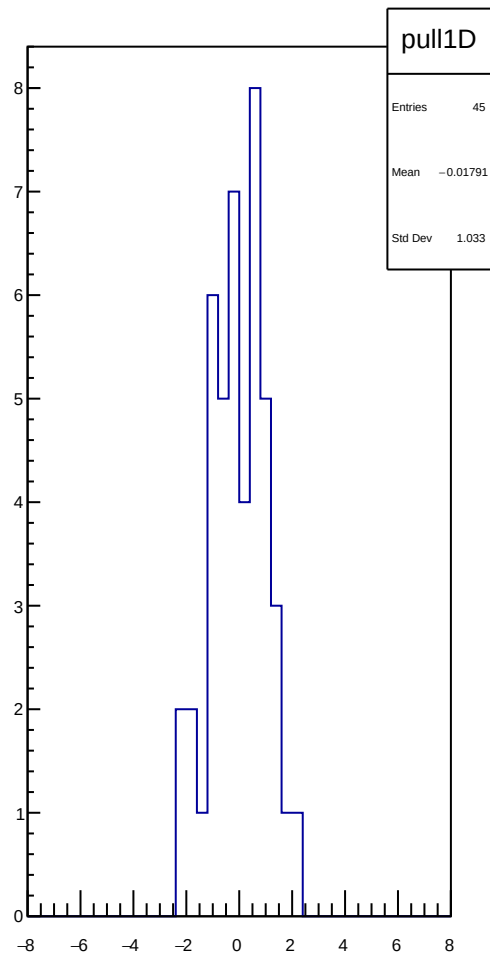
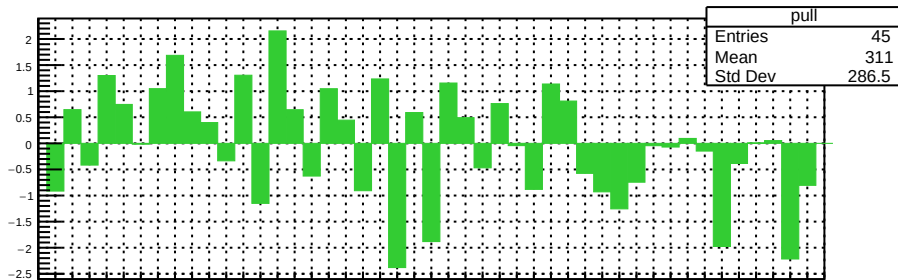
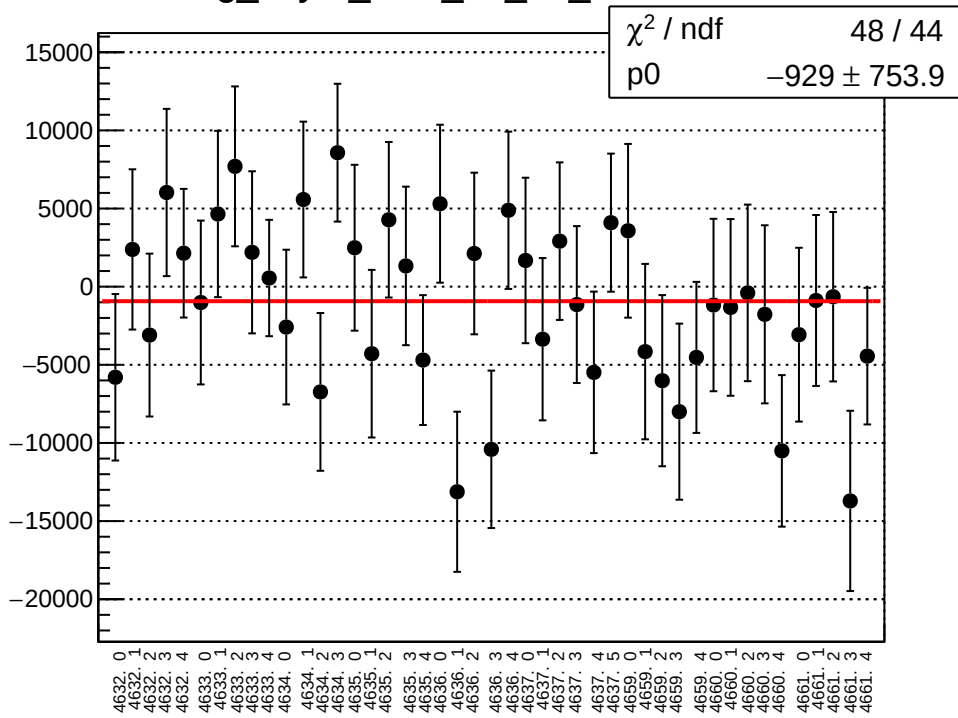
asym_sam_26_dd_correction_mean vs run



asym_sam_26_dd_correction_rms vs run



reg_asym_sam_37_dd_mean vs run



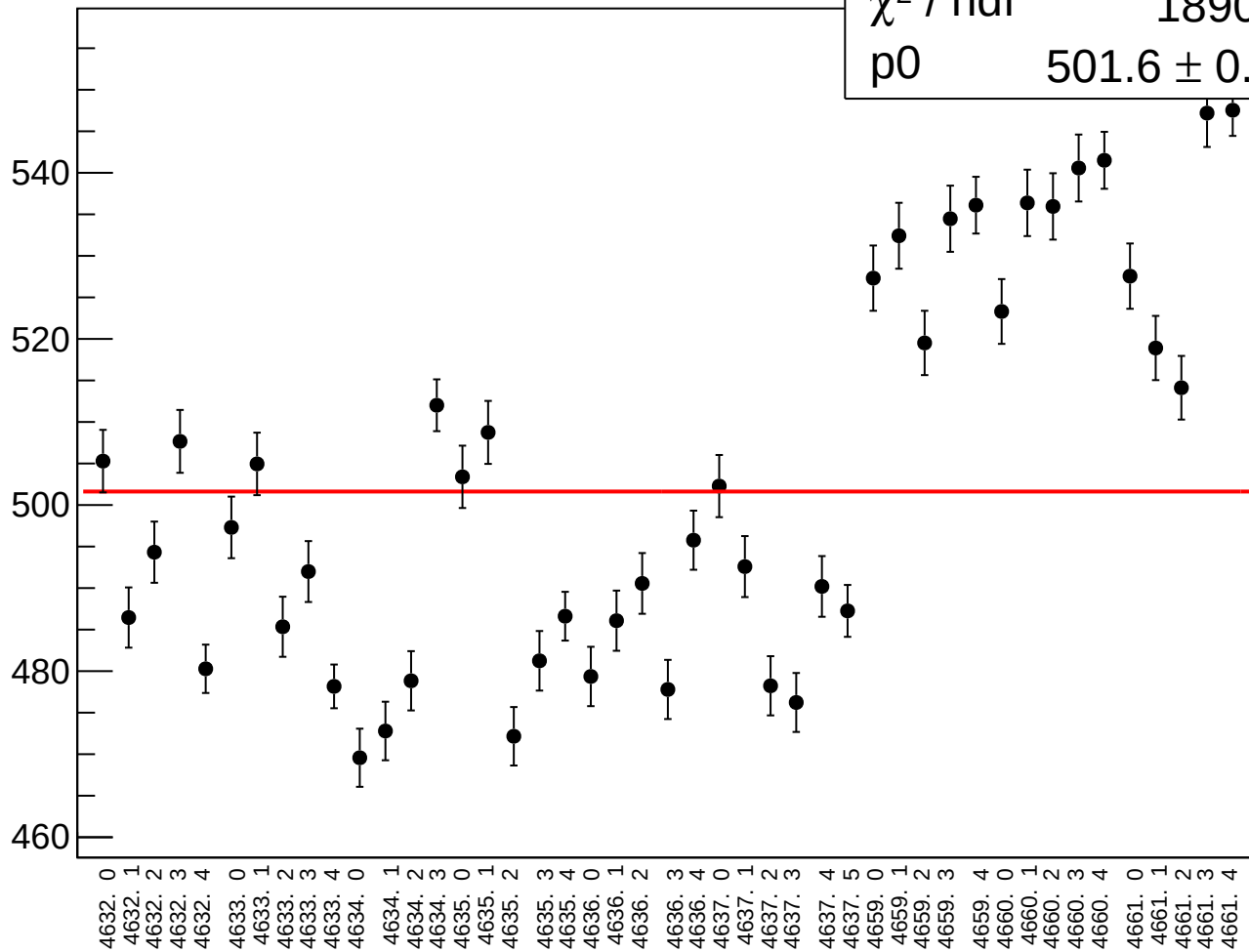
reg_asym_sam_37_dd_rms vs run

χ^2 / ndf

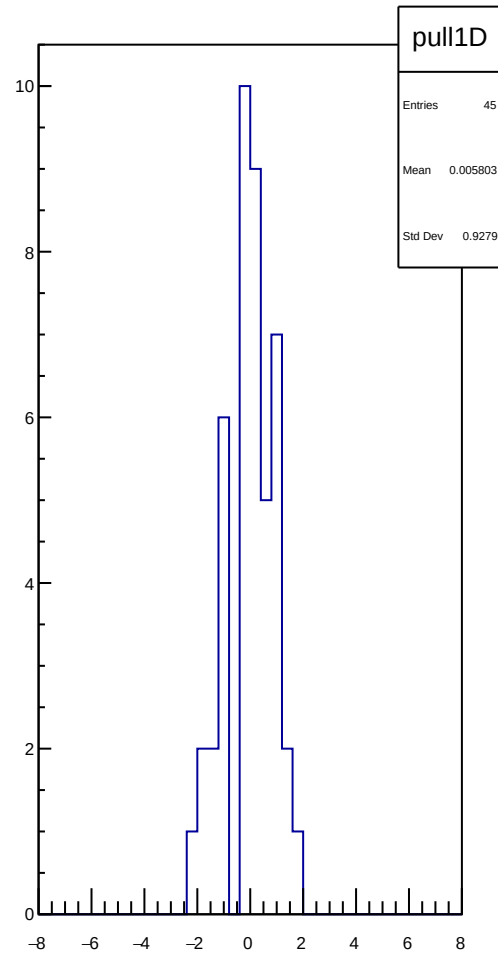
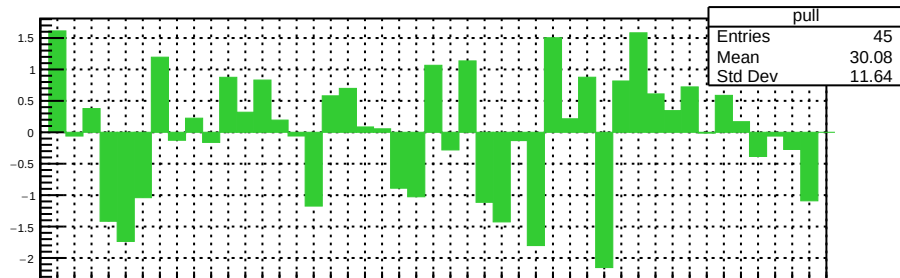
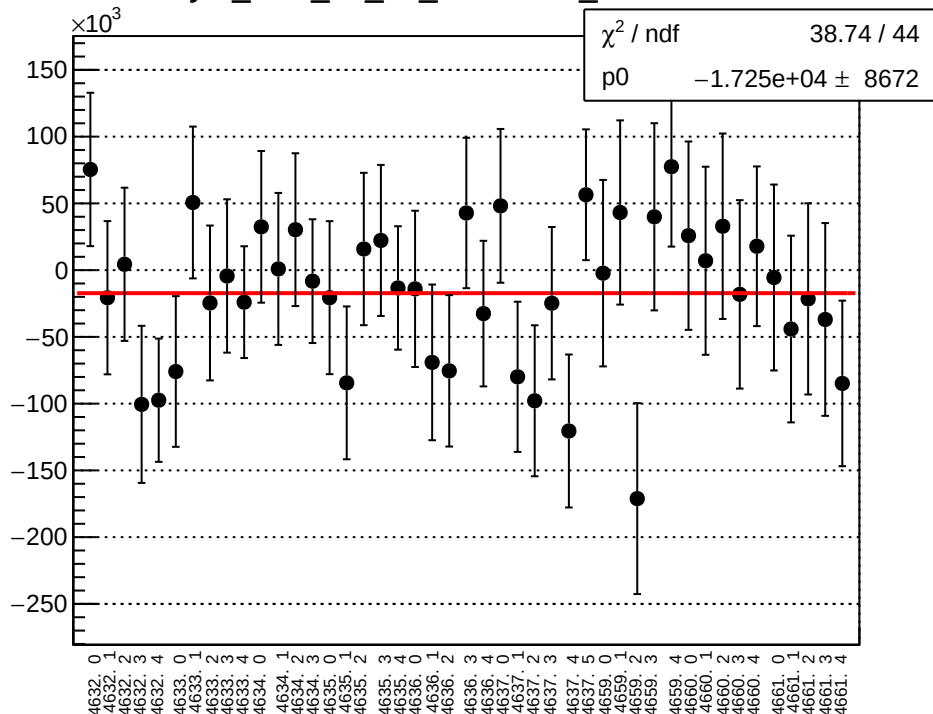
1890 / 44

p0

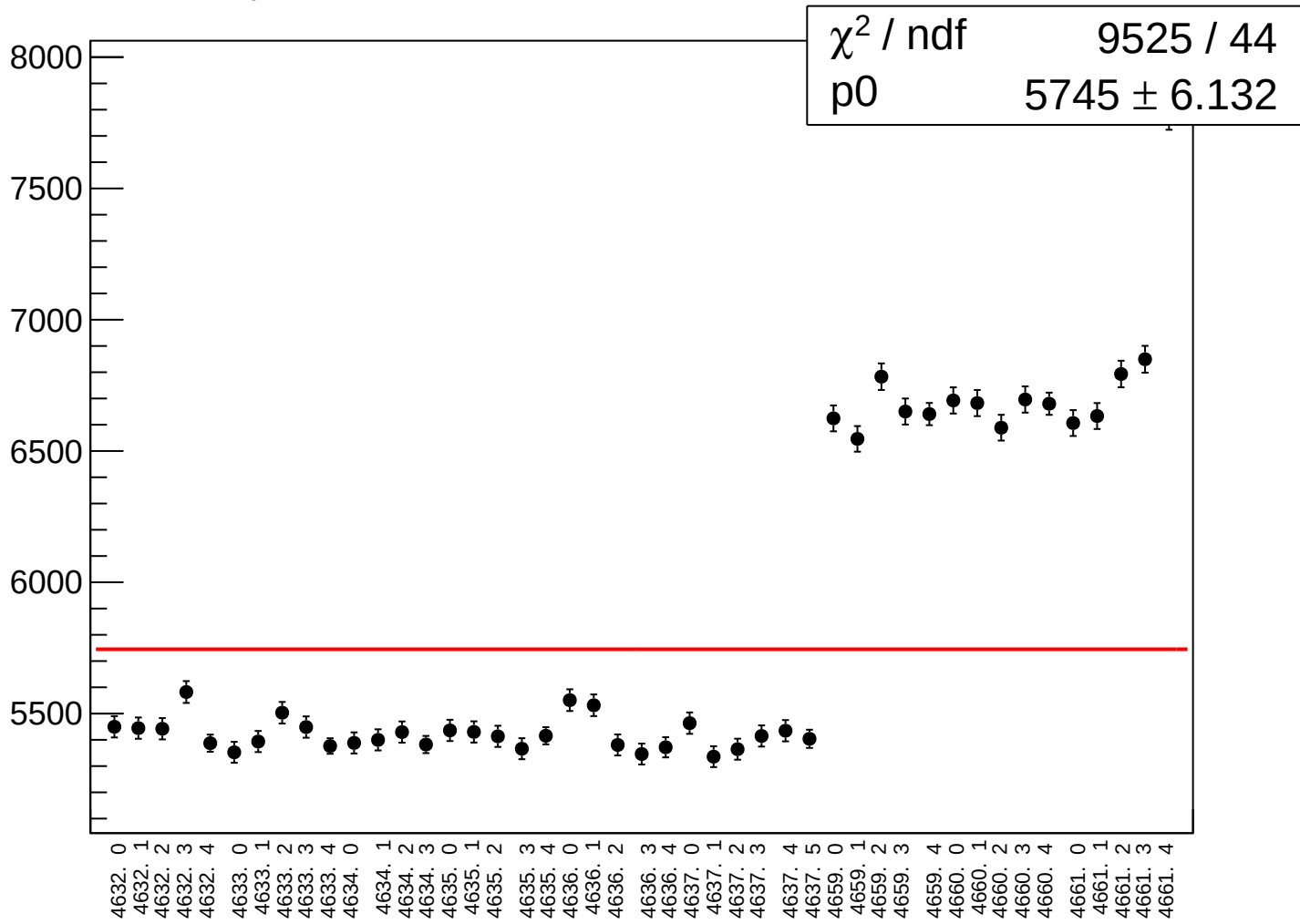
501.6 ± 0.5331



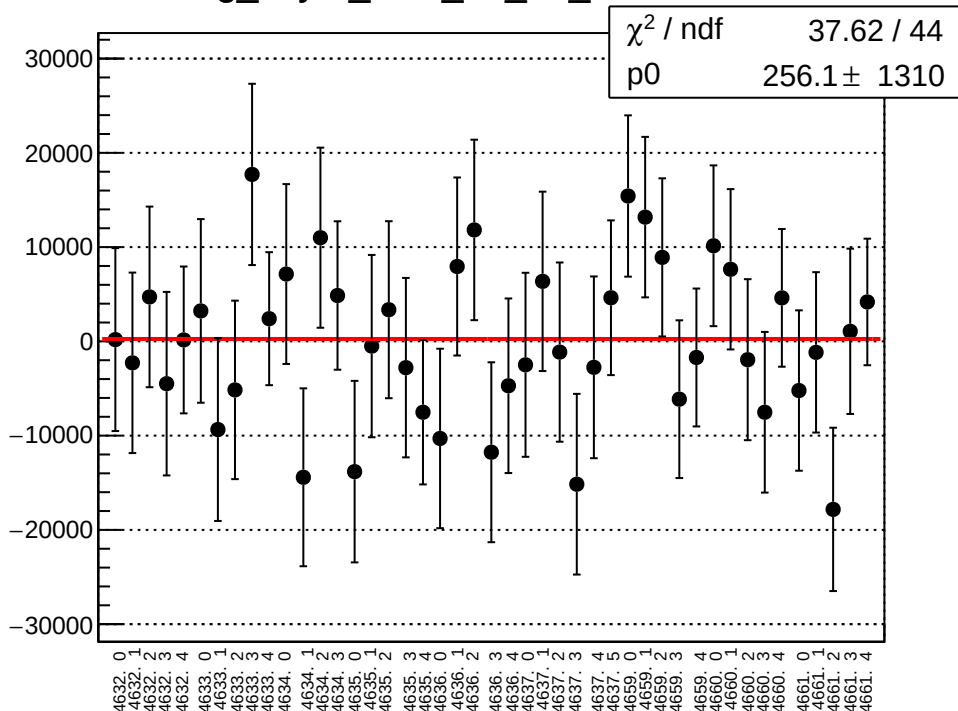
asym_sam_37_dd_correction_mean vs run



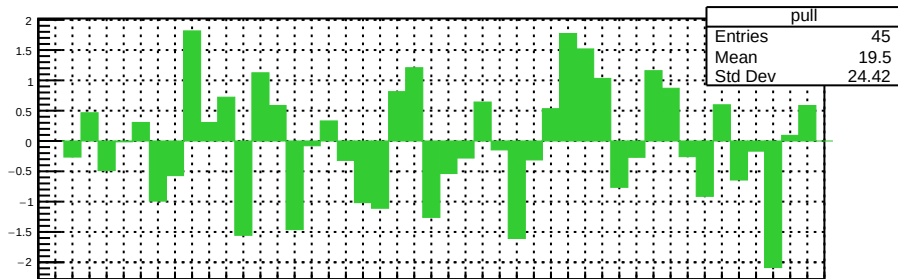
asym_sam_37_dd_correction_rms vs run



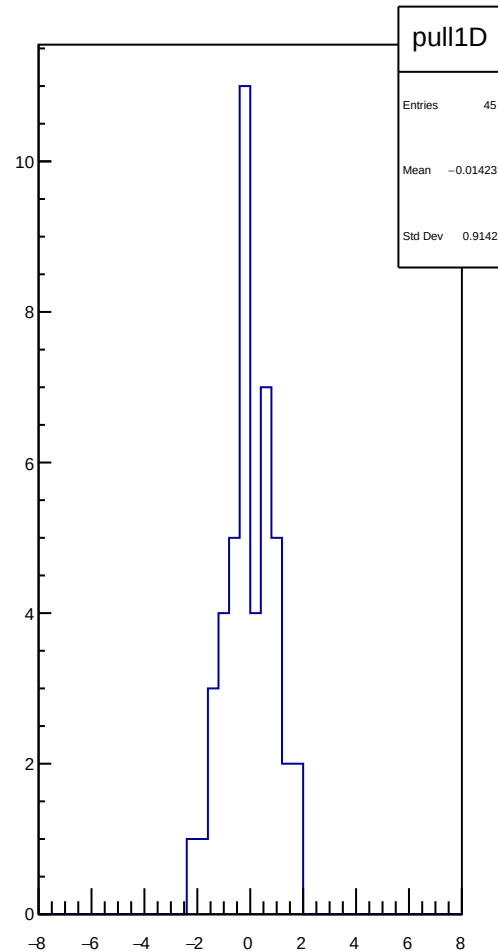
reg_asym_sam_48_dd_mean vs run



χ^2 / ndf 37.62 / 44
 p0 256.1 ± 1310

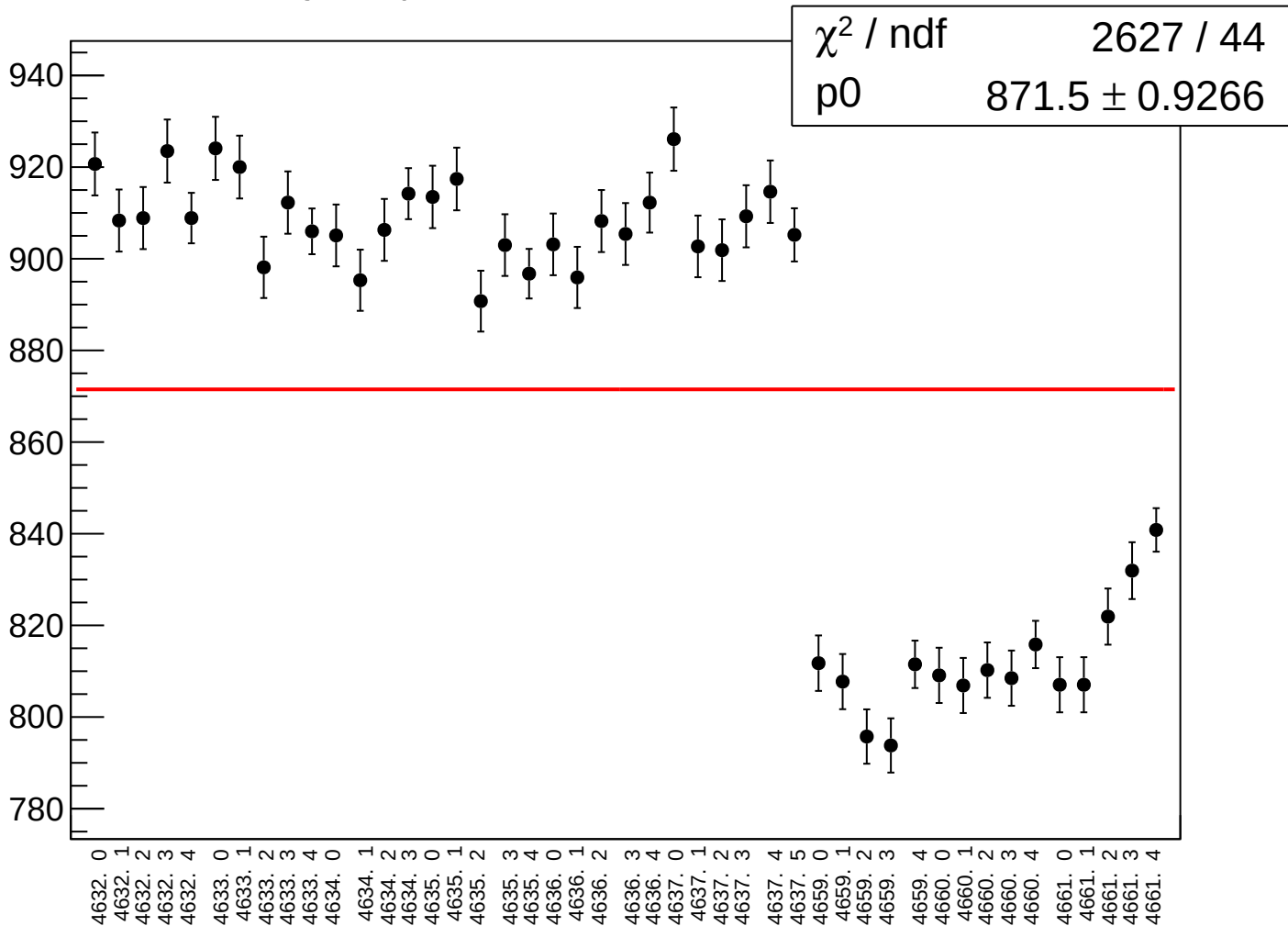


pull
 Entries 45
 Mean 19.5
 Std Dev 24.42

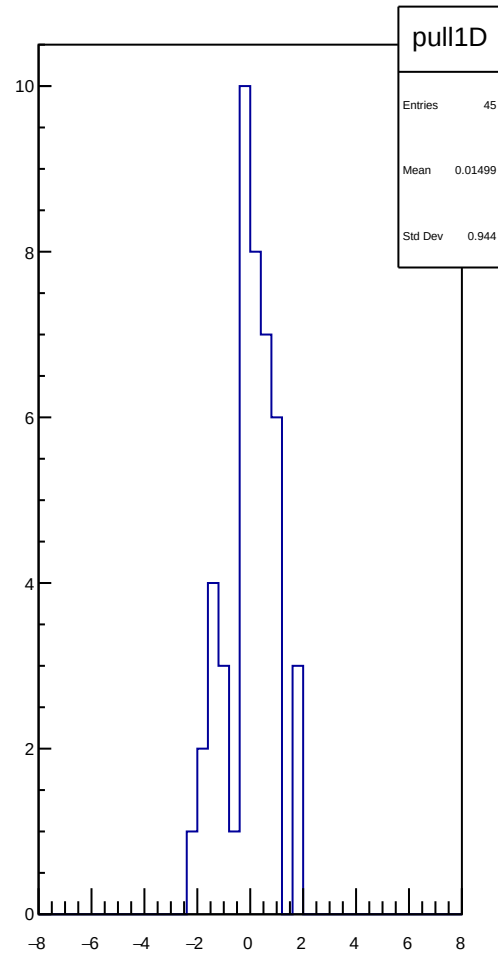
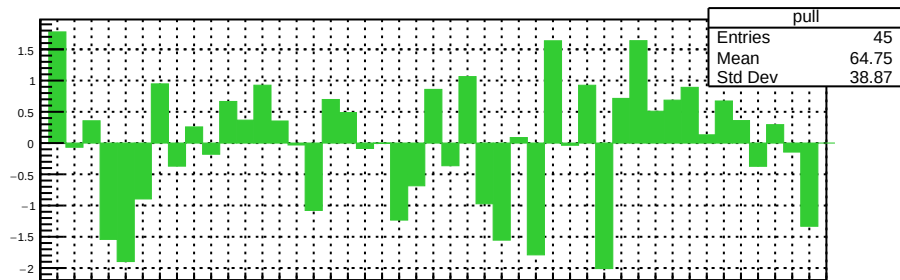
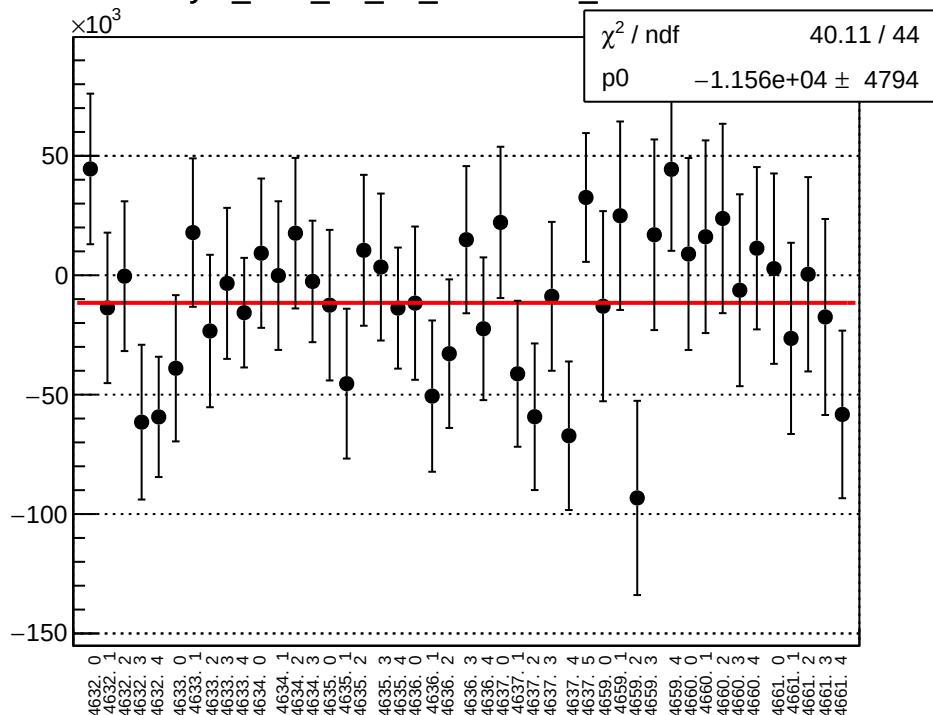


pull1D
 Entries 45
 Mean -0.01423
 Std Dev 0.9142

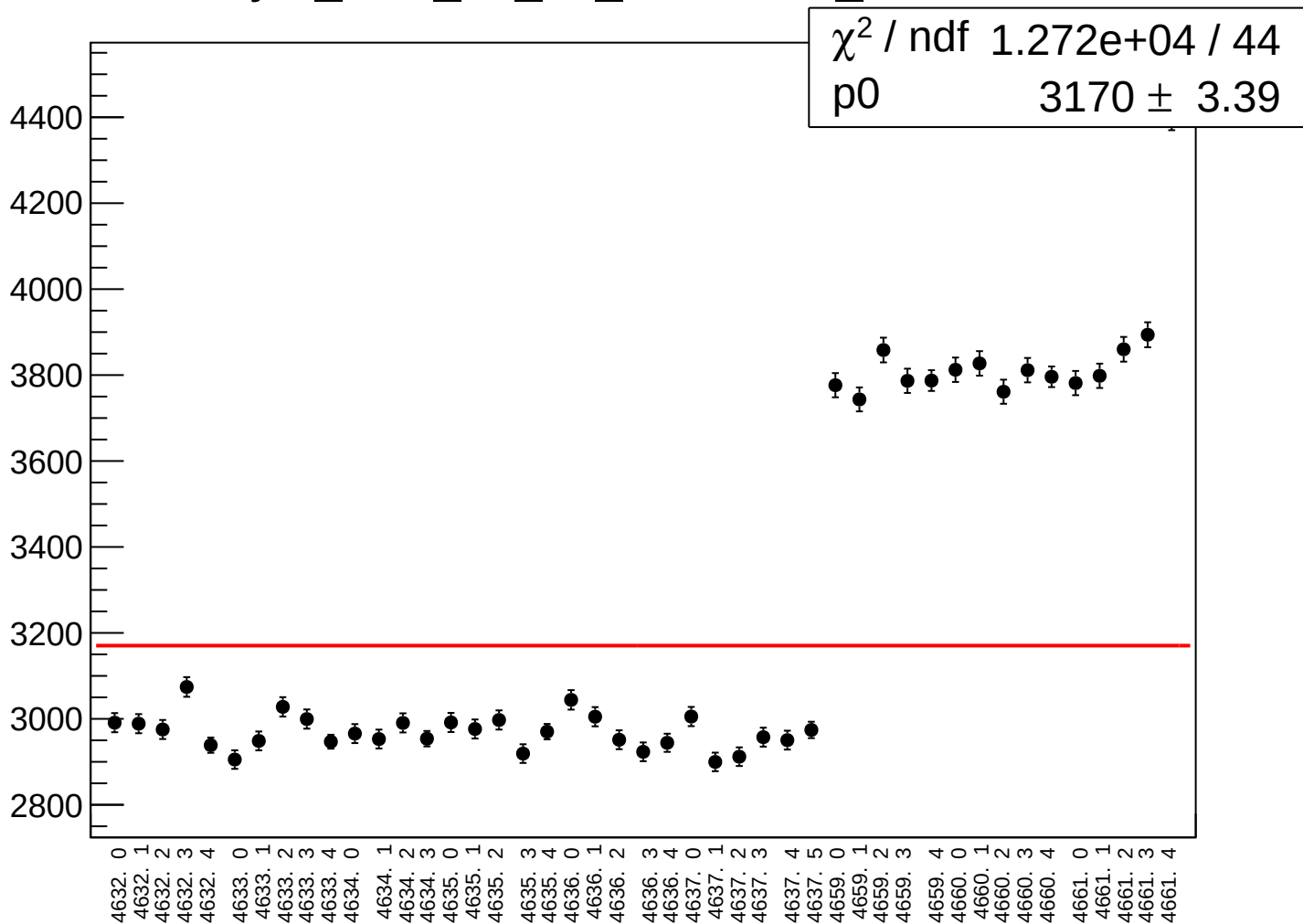
reg_asym_sam_48_dd_rms vs run



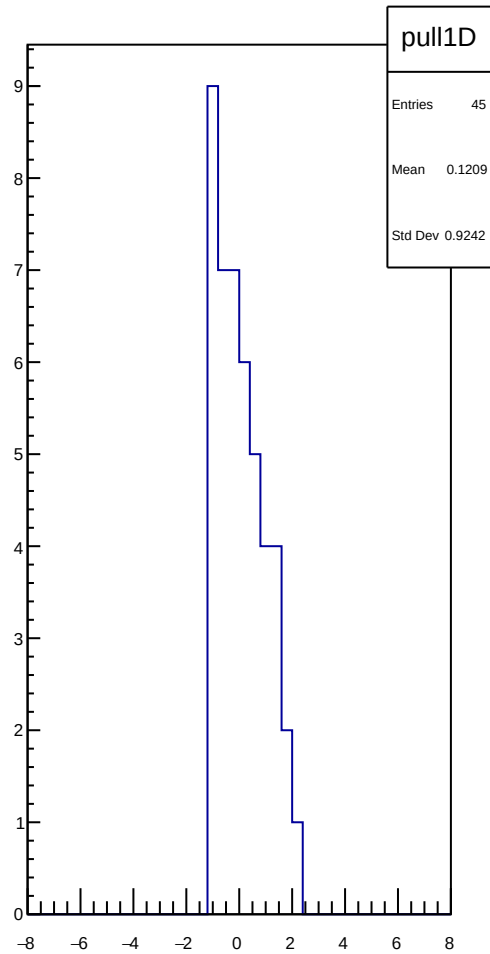
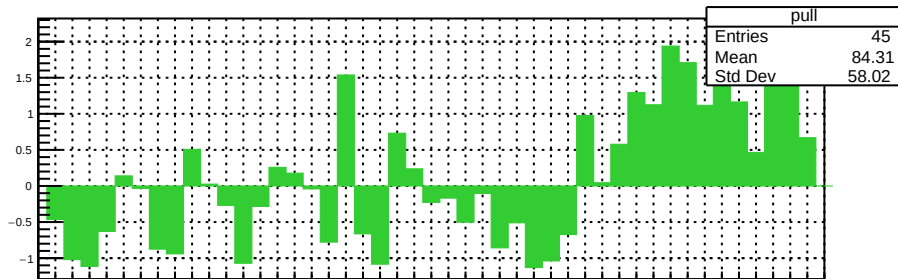
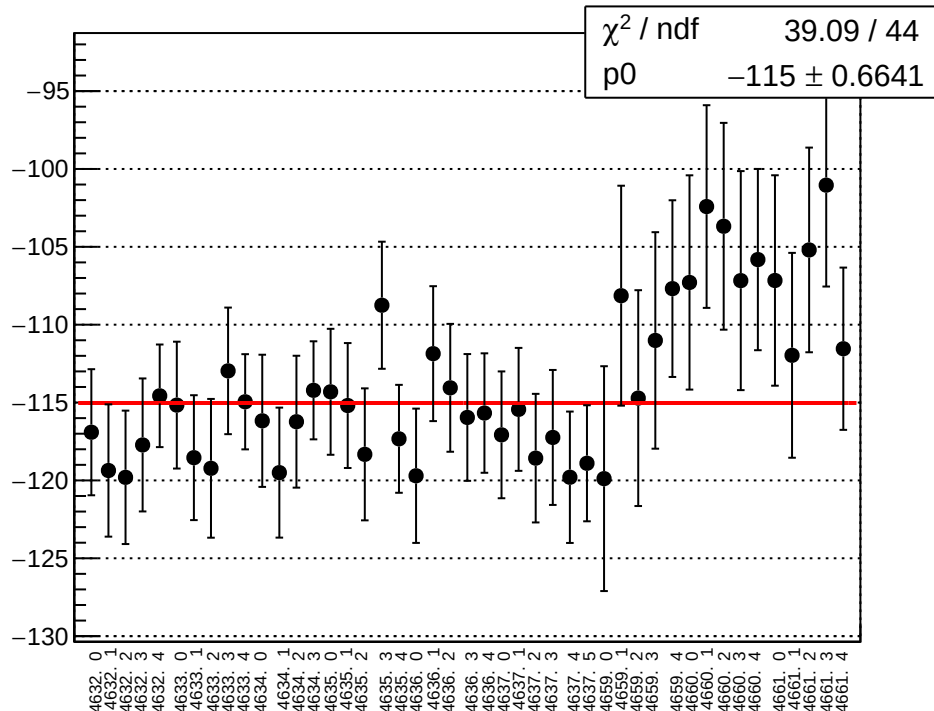
asym_sam_48_dd_correction_mean vs run



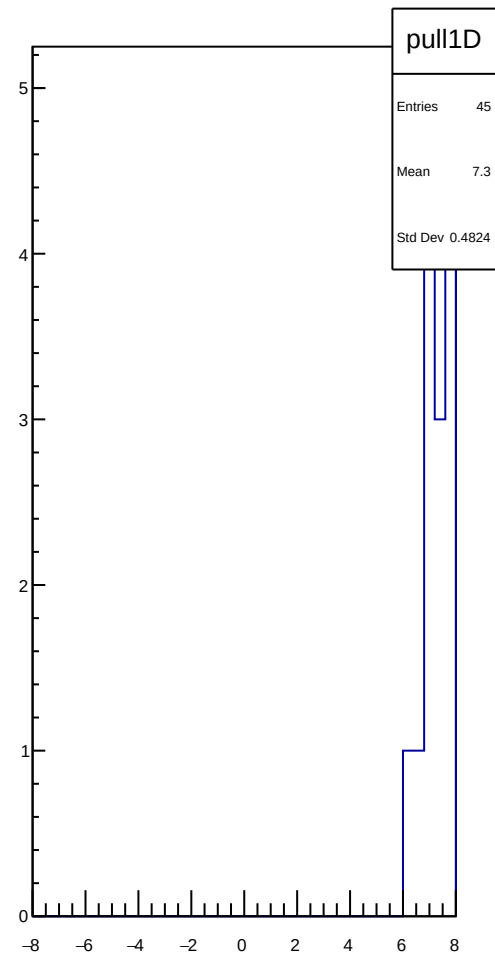
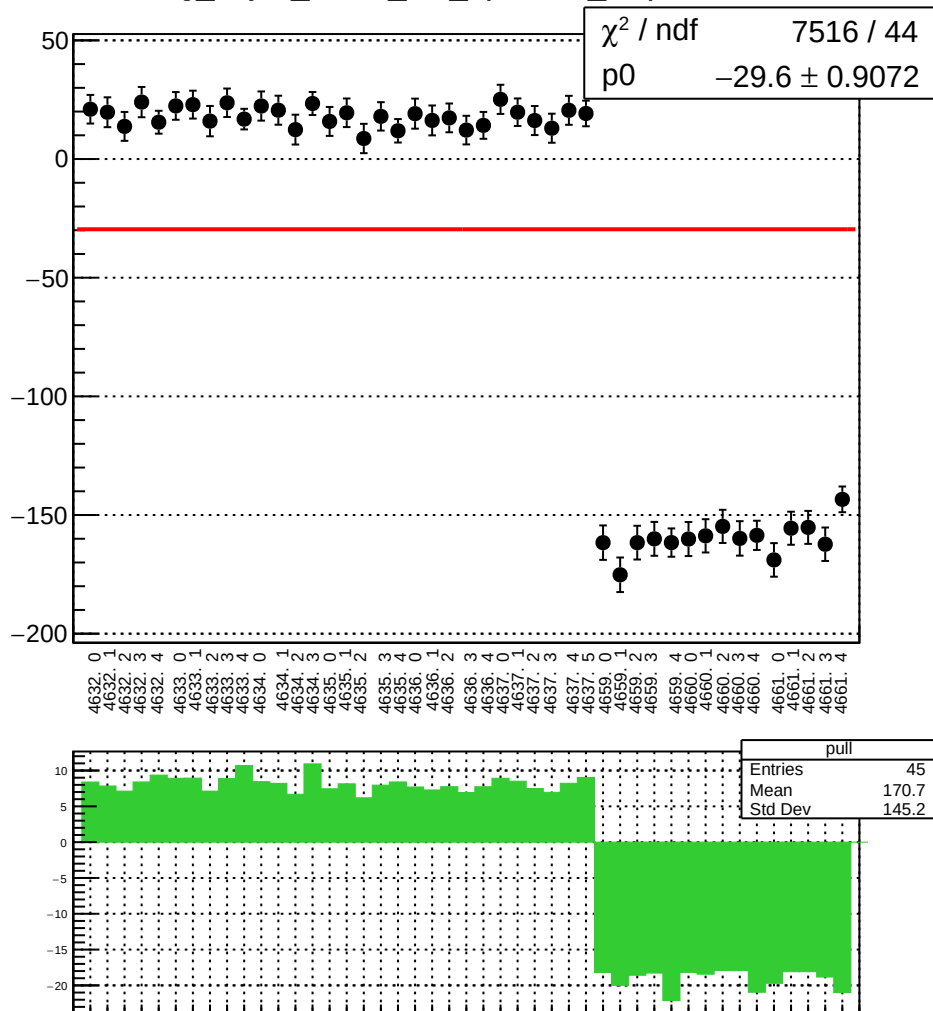
asym_sam_48_dd_correction_rms vs run



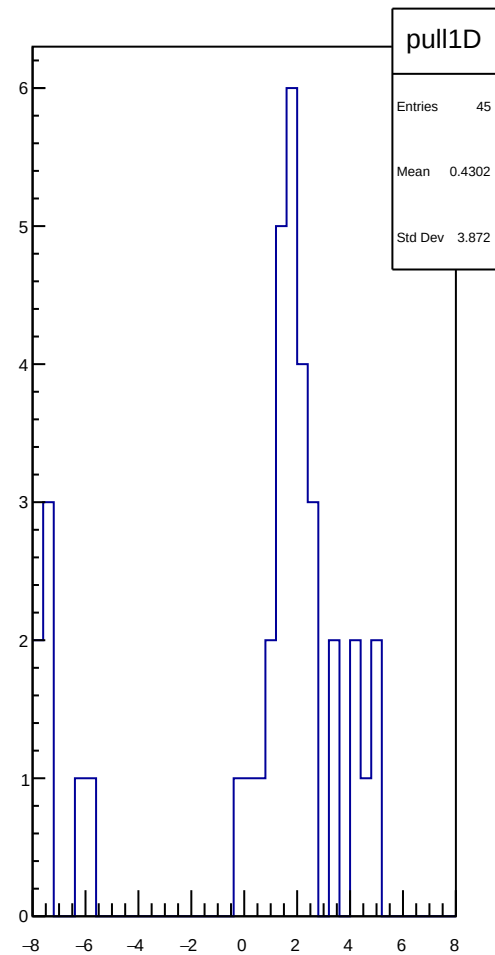
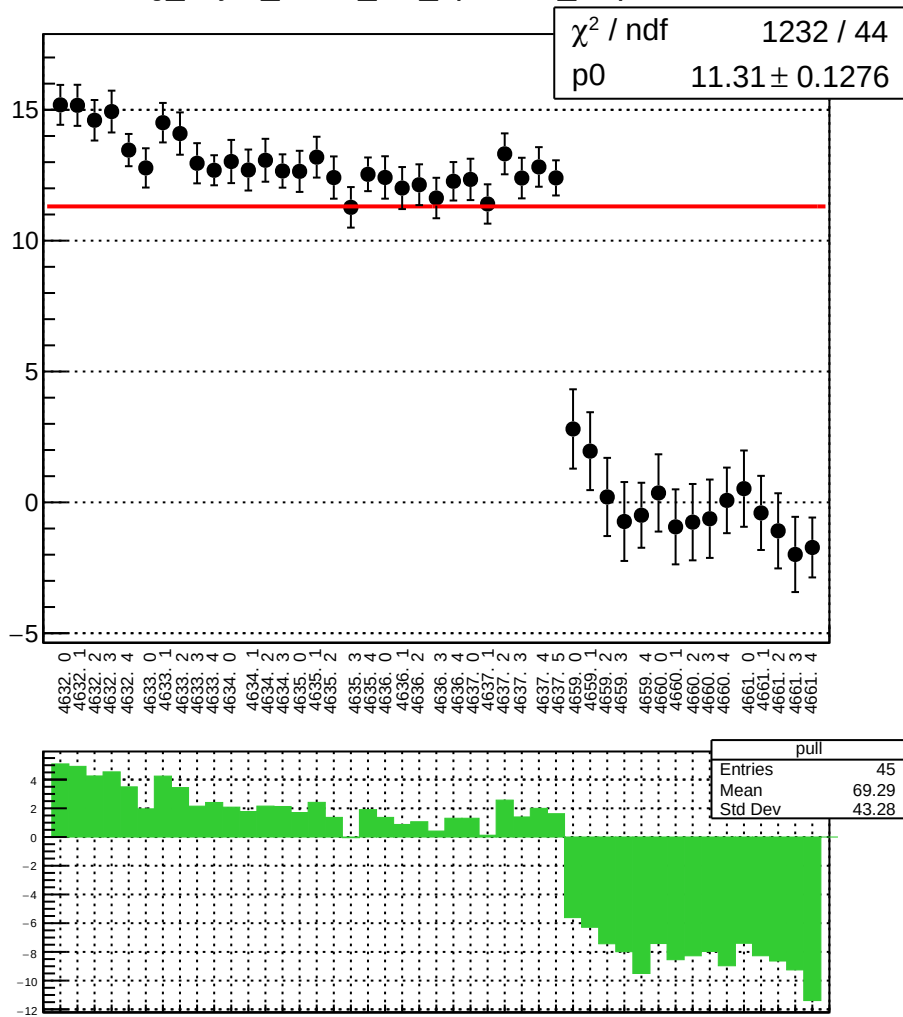
reg_asym_sam1_diff_bpm4aX_slope vs run



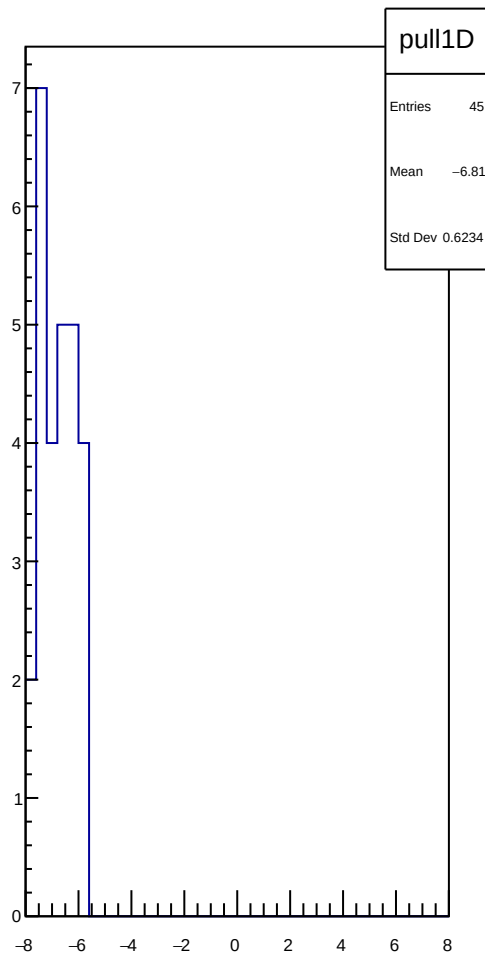
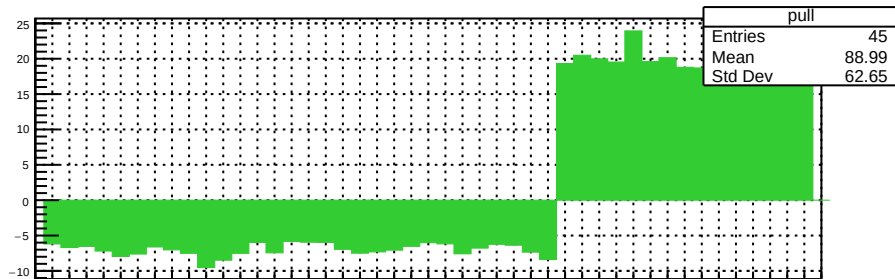
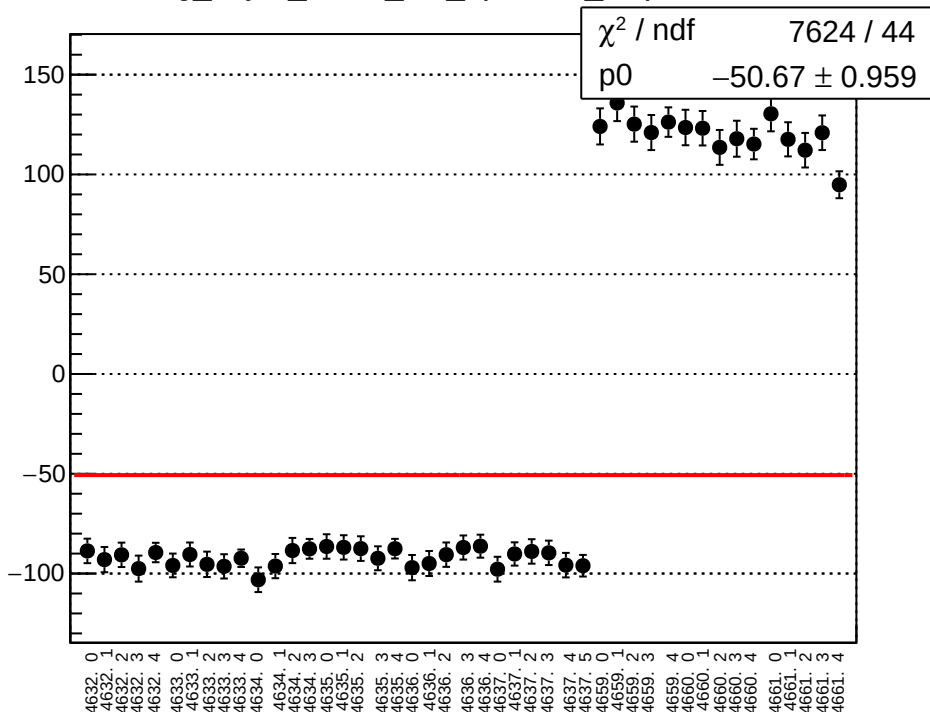
reg_asym_sam1_diff_bpm4aY_slope vs run



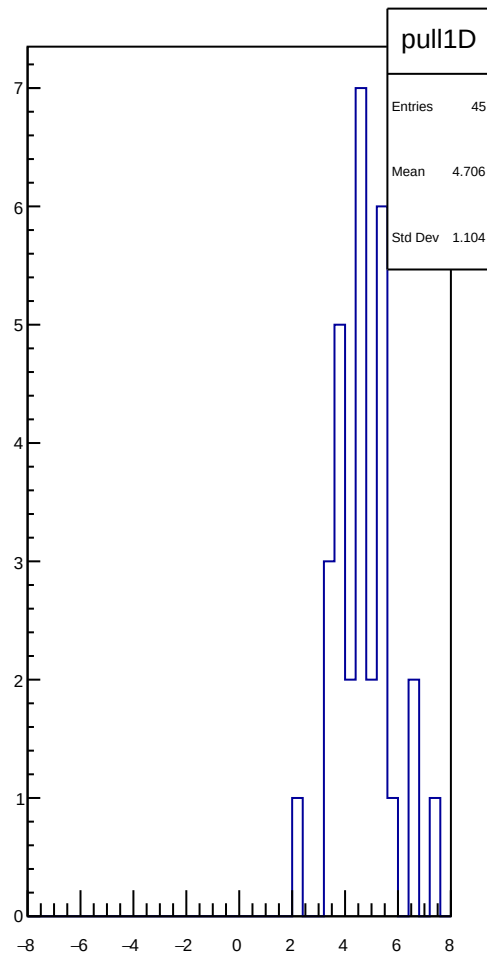
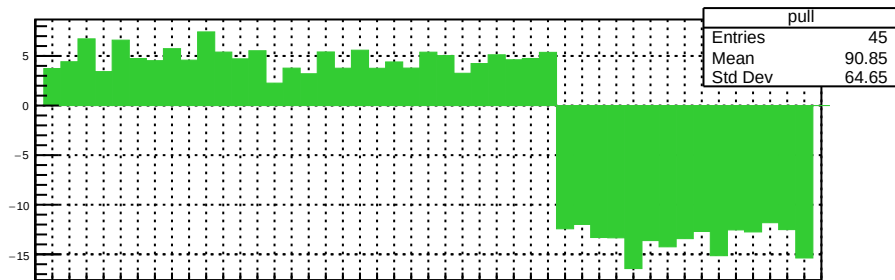
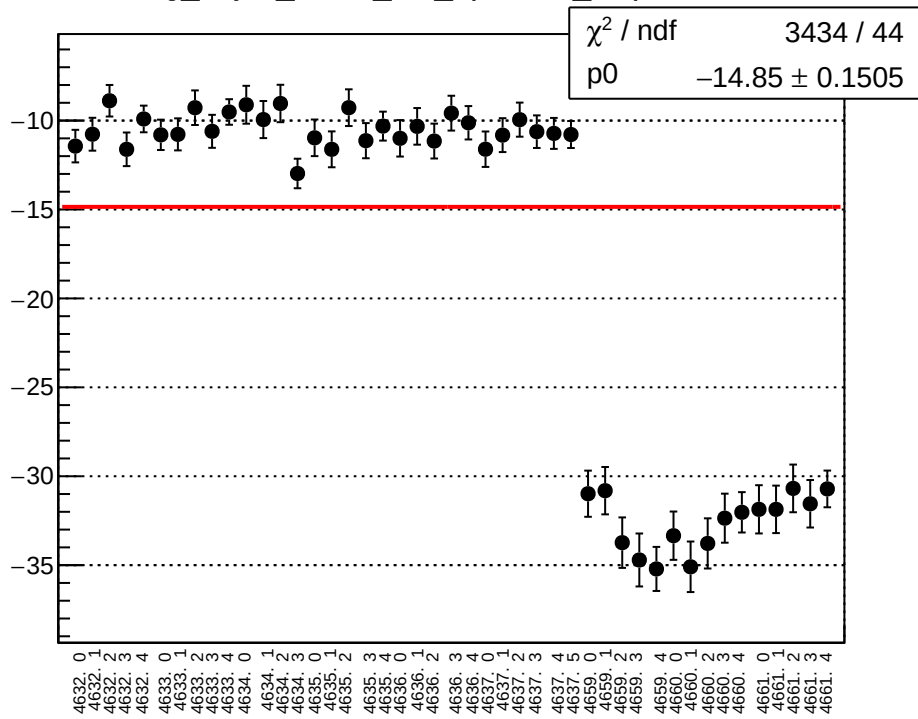
reg_asym_sam1_diff_bpm4eX_slope vs run



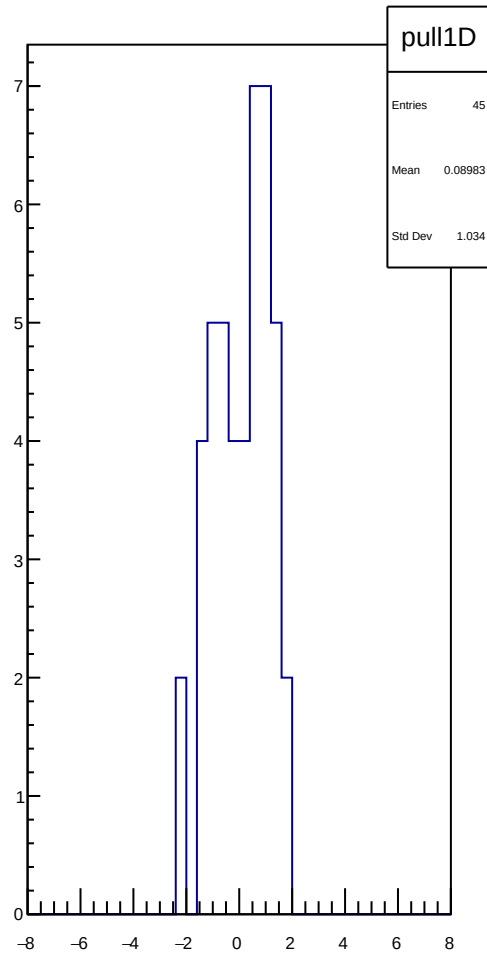
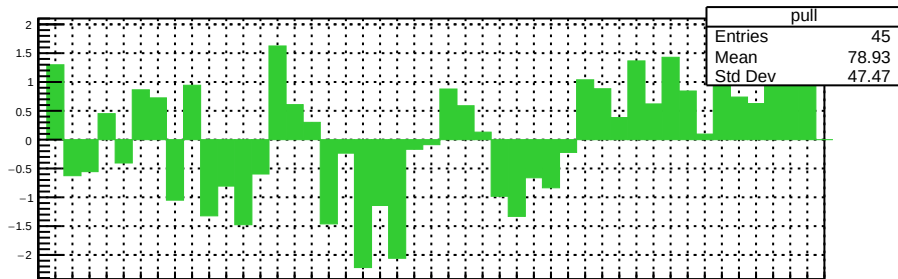
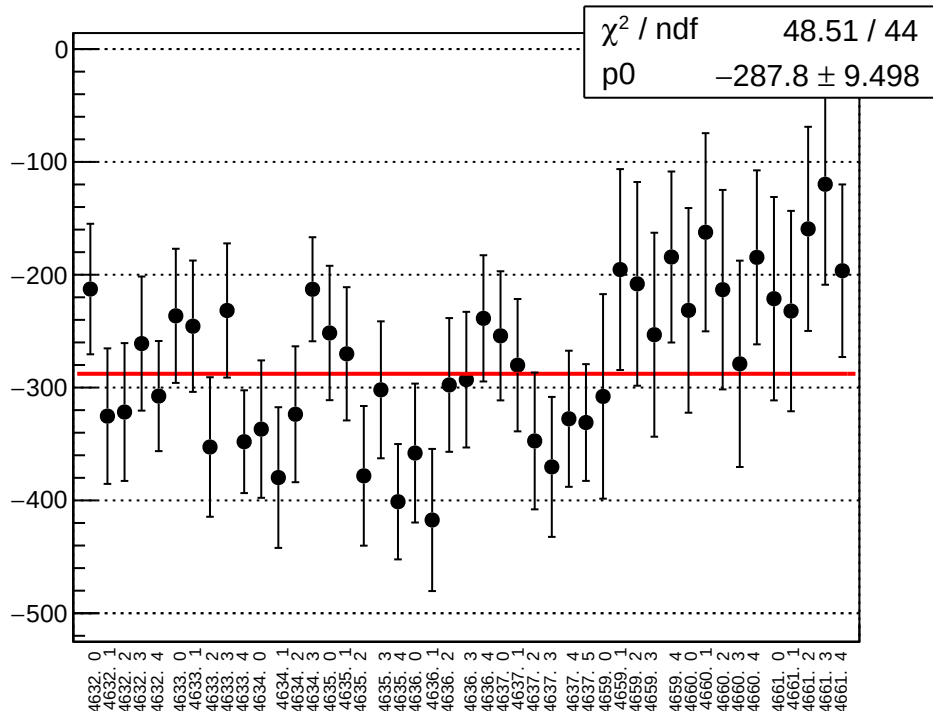
reg_asym_sam1_diff_bpm4eY_slope vs run



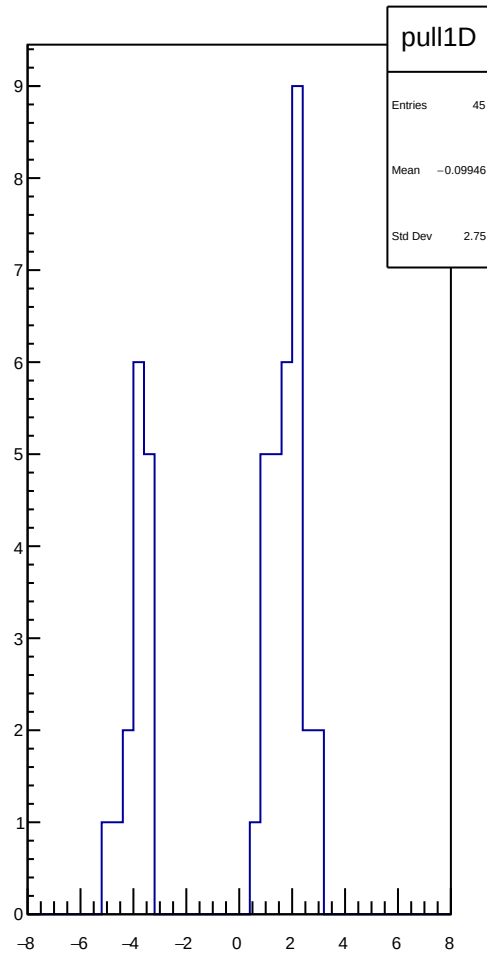
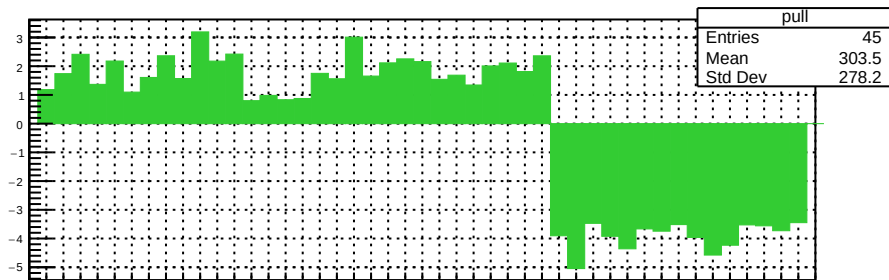
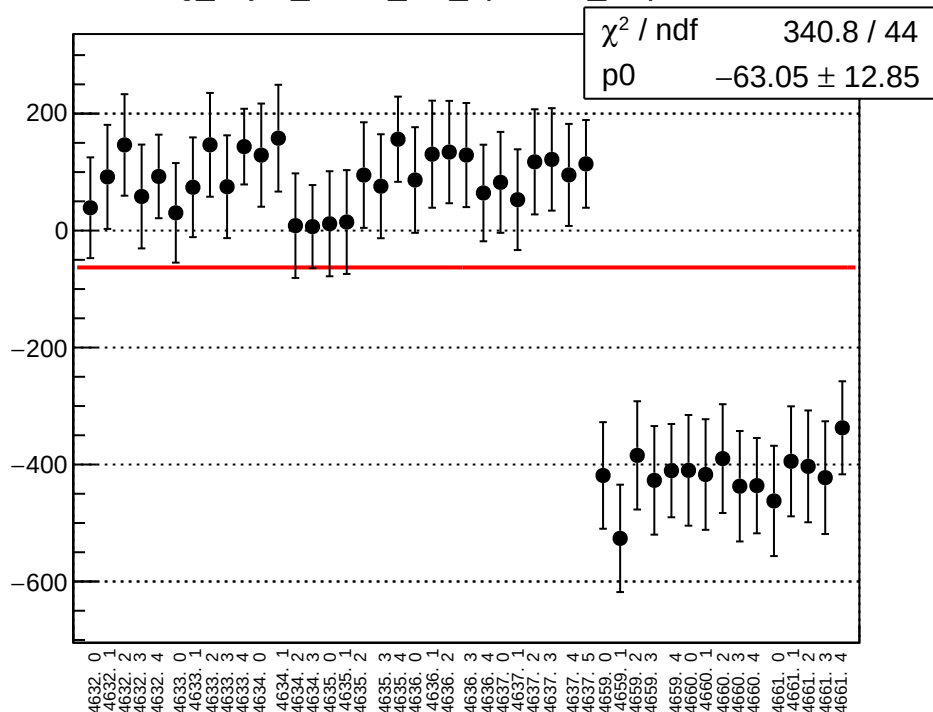
reg_asym_sam1_diff_bpm11X_slope vs run



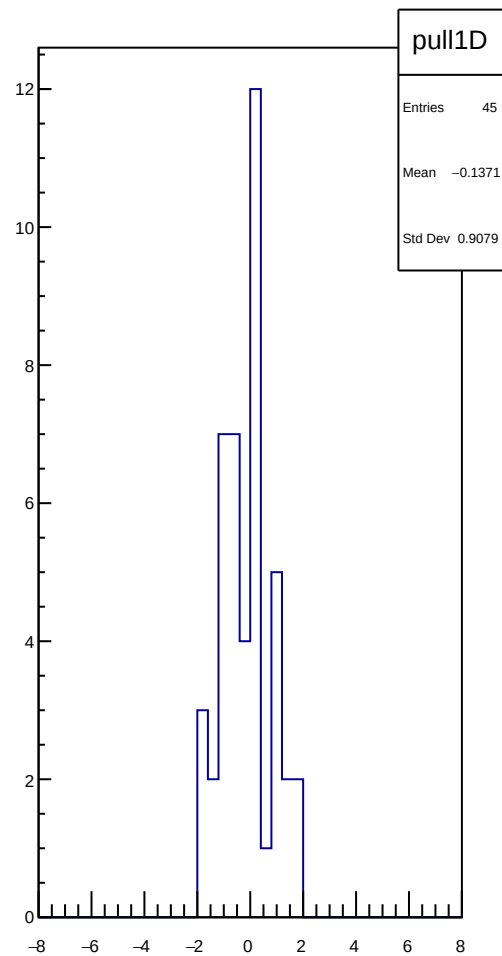
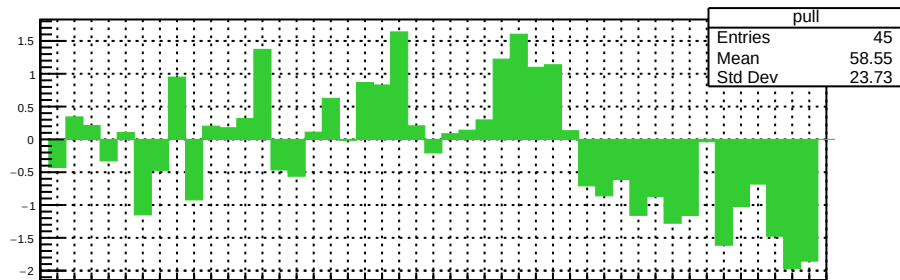
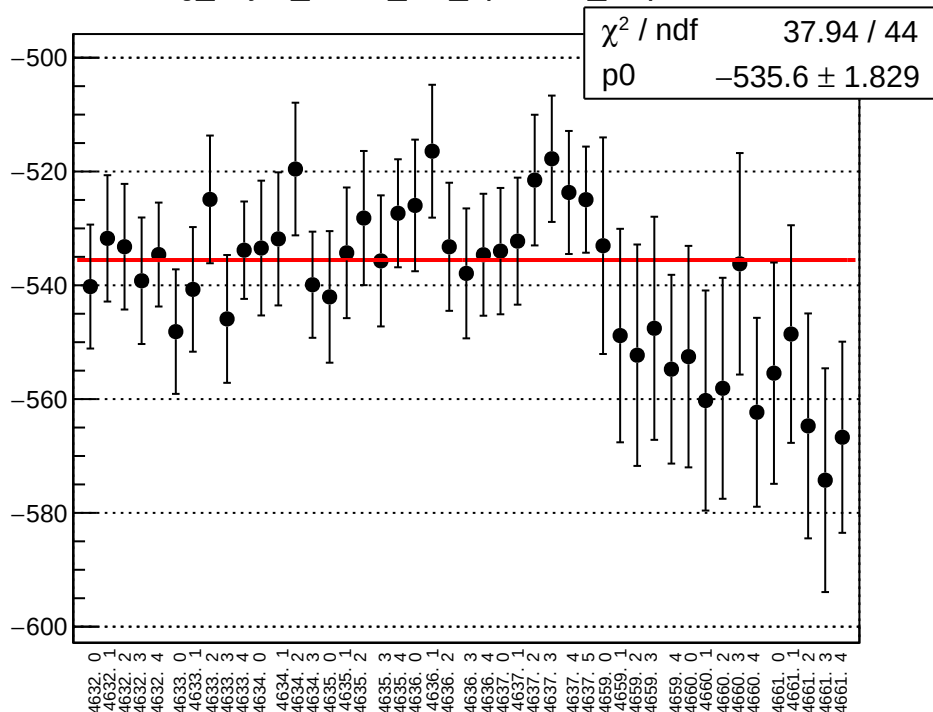
reg_asym_sam2_diff_bpm4aX_slope vs run



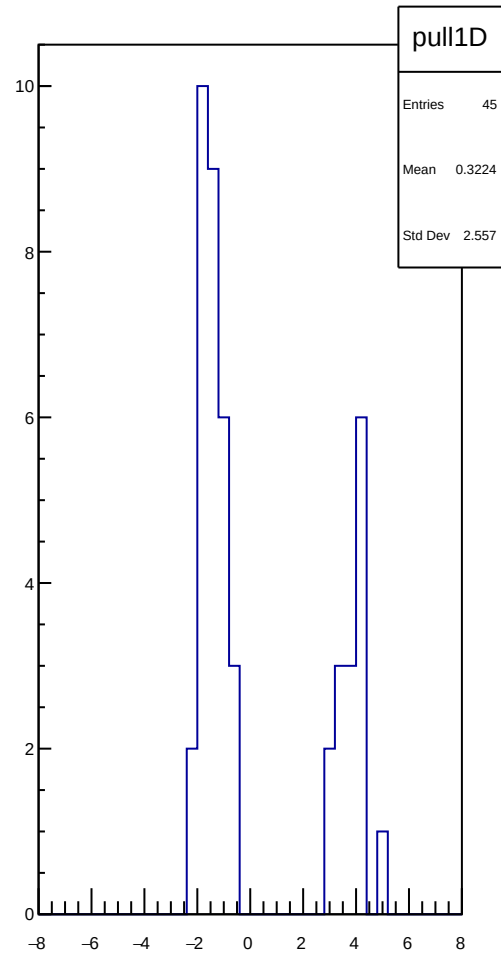
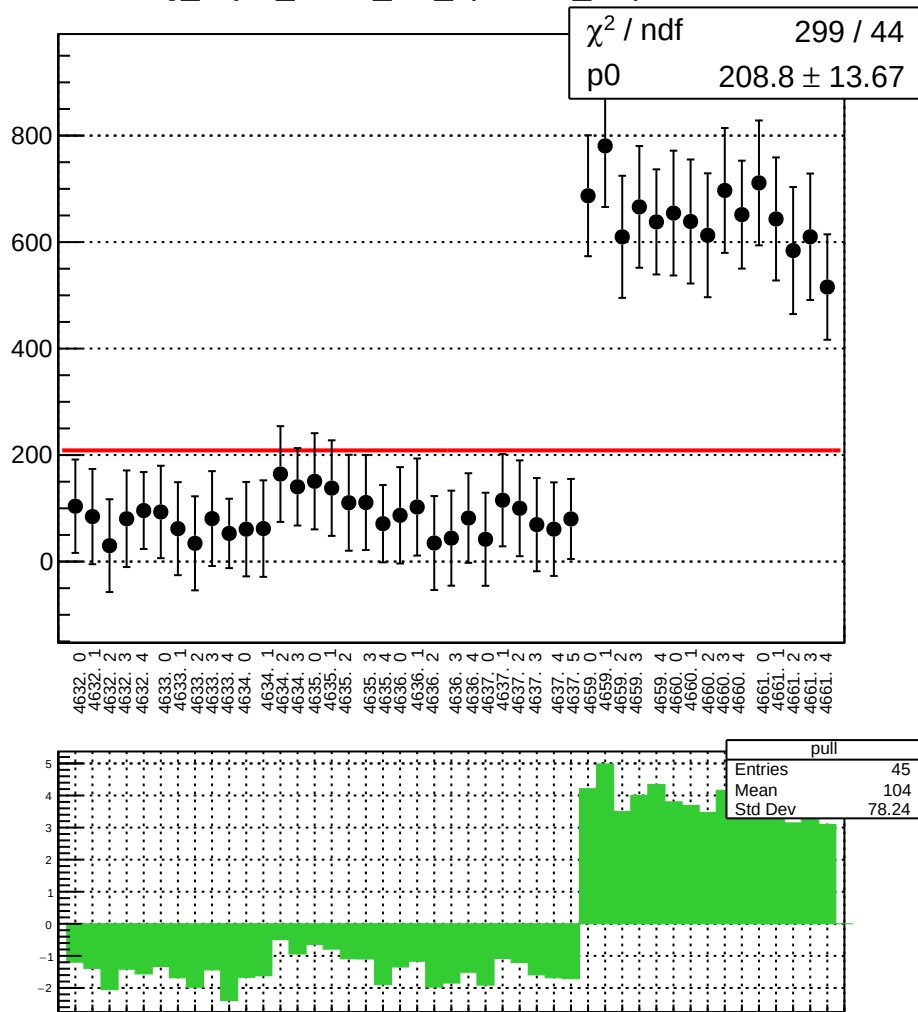
reg_asym_sam2_diff_bpm4aY_slope vs run



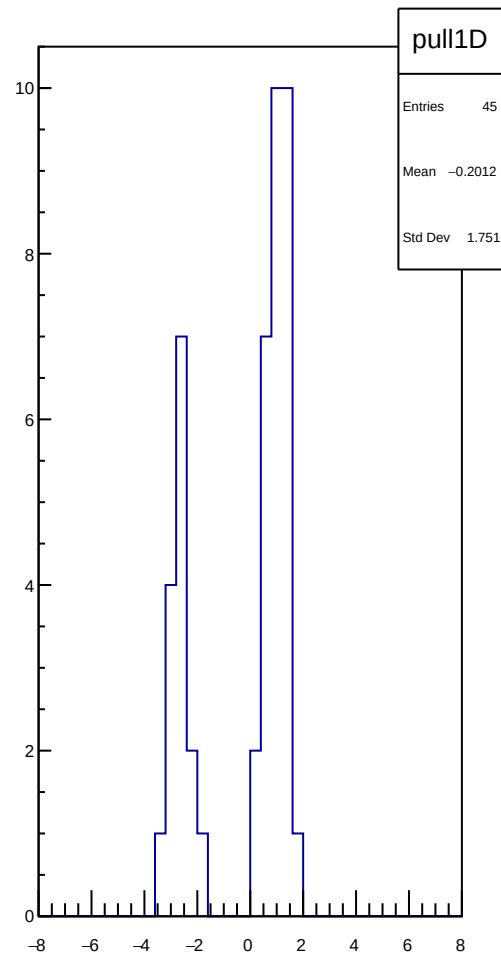
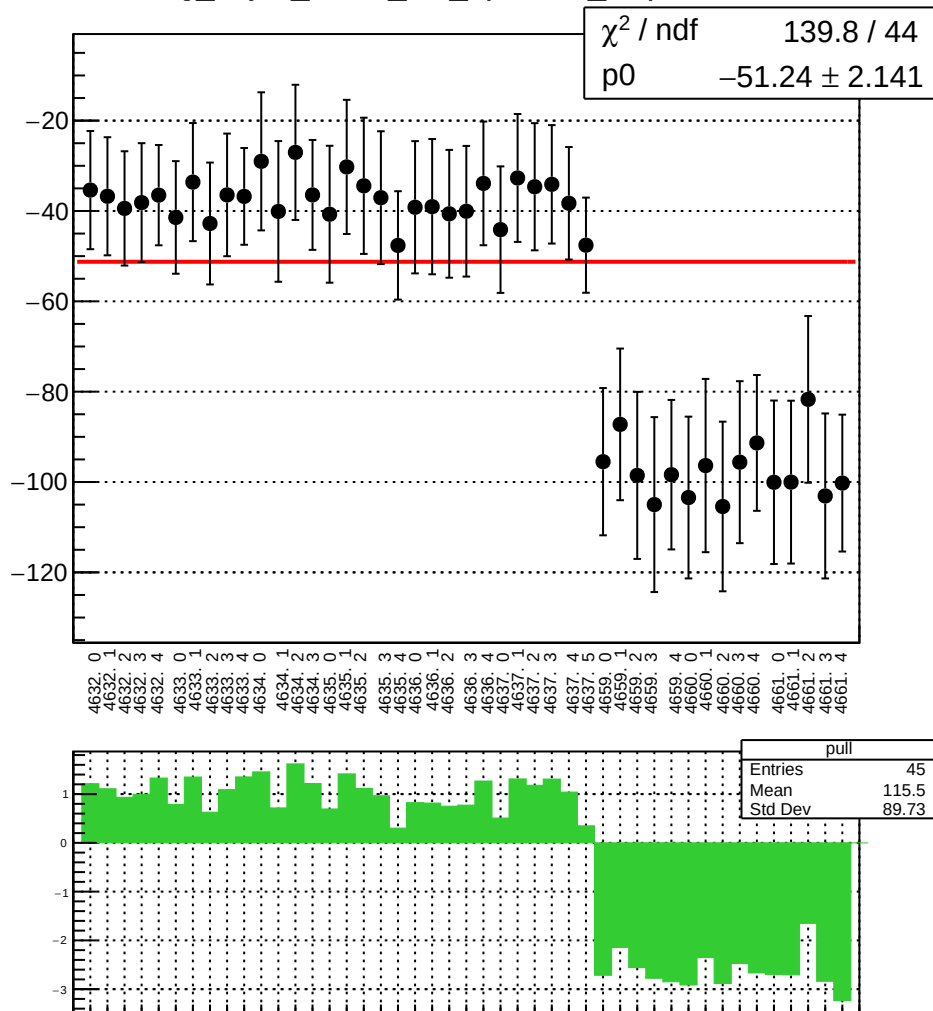
reg_asym_sam2_diff_bpm4eX_slope vs run



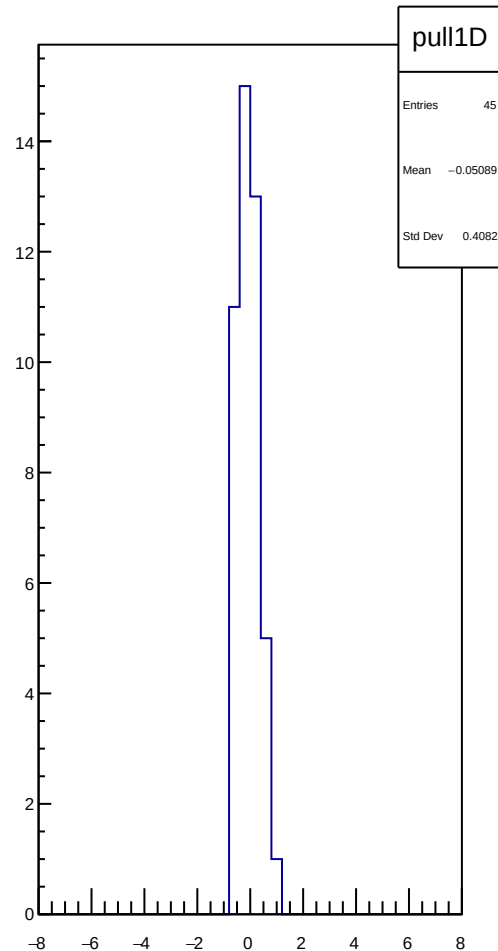
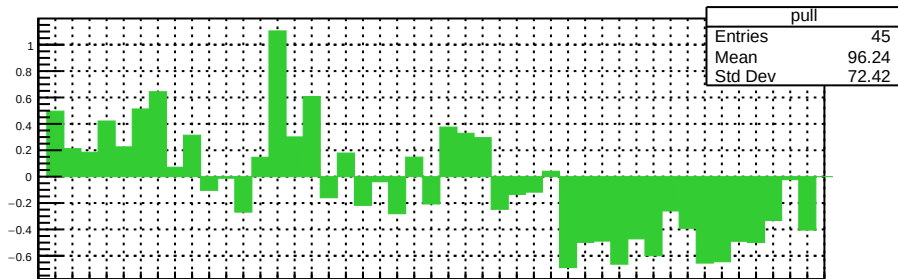
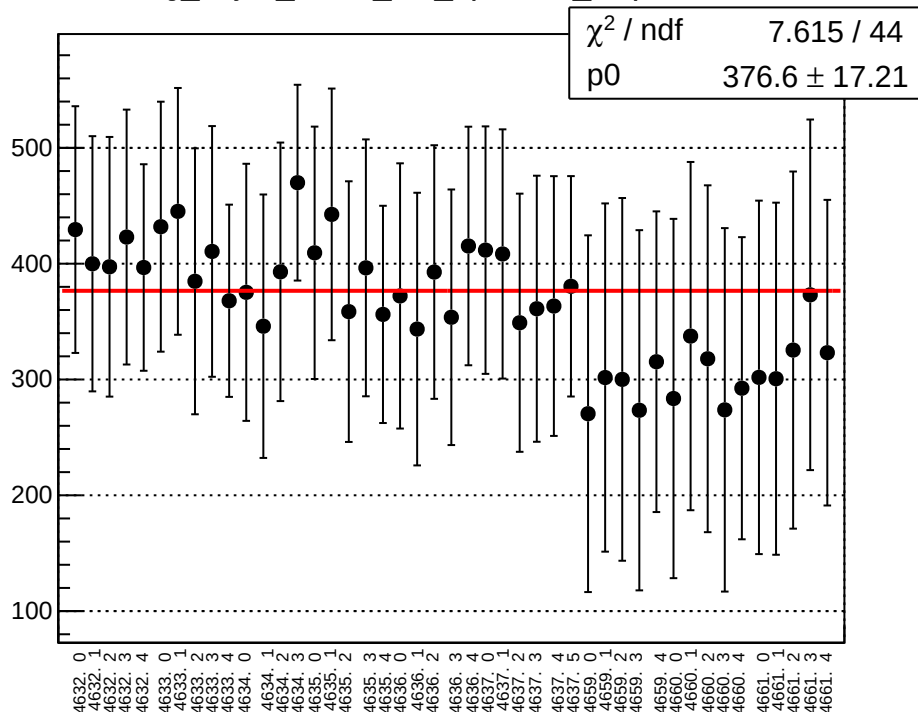
reg_asym_sam2_diff_bpm4eY_slope vs run



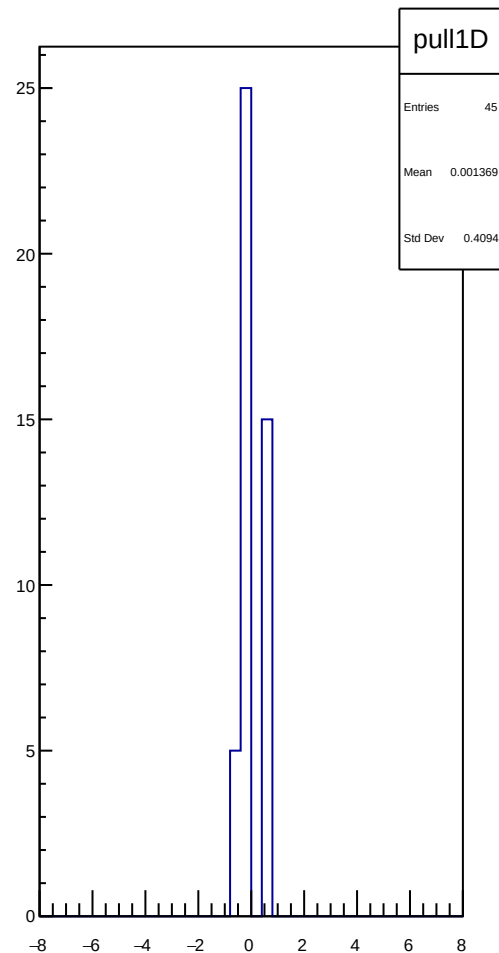
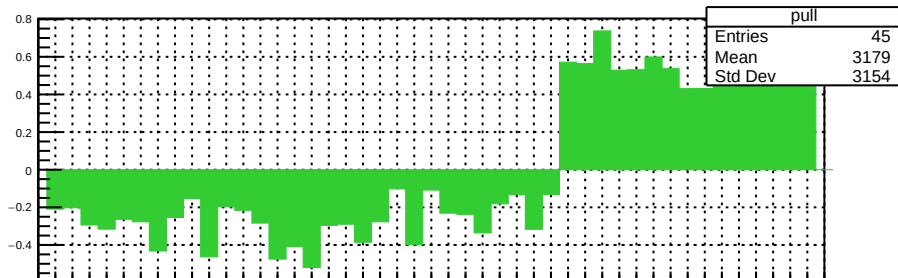
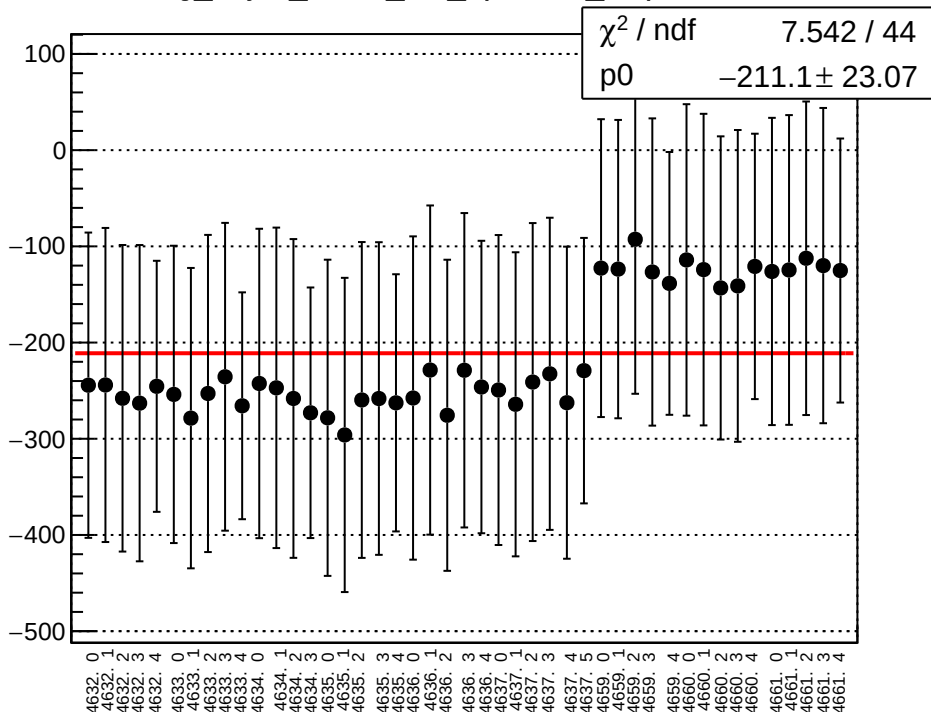
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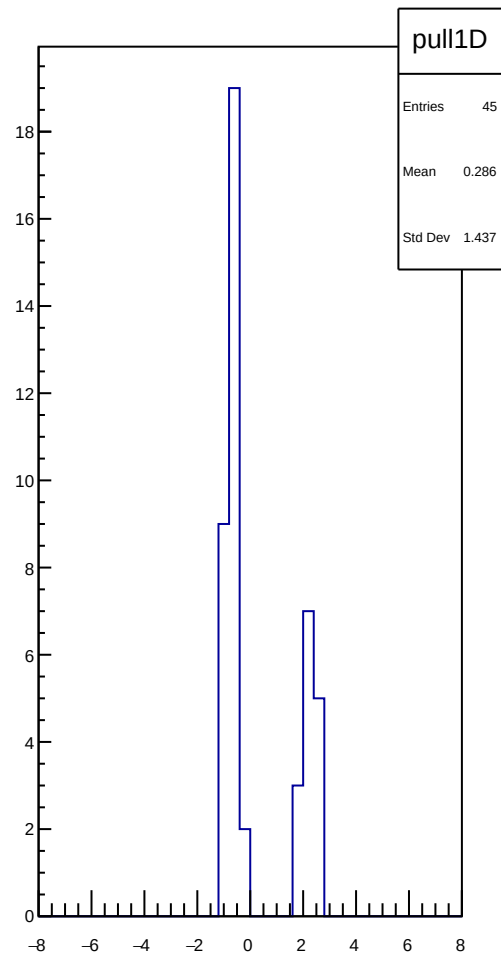
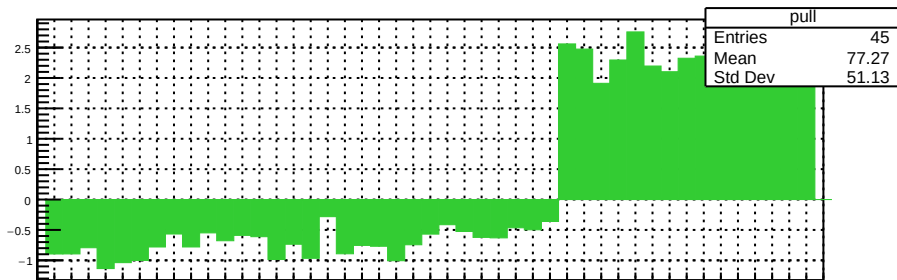
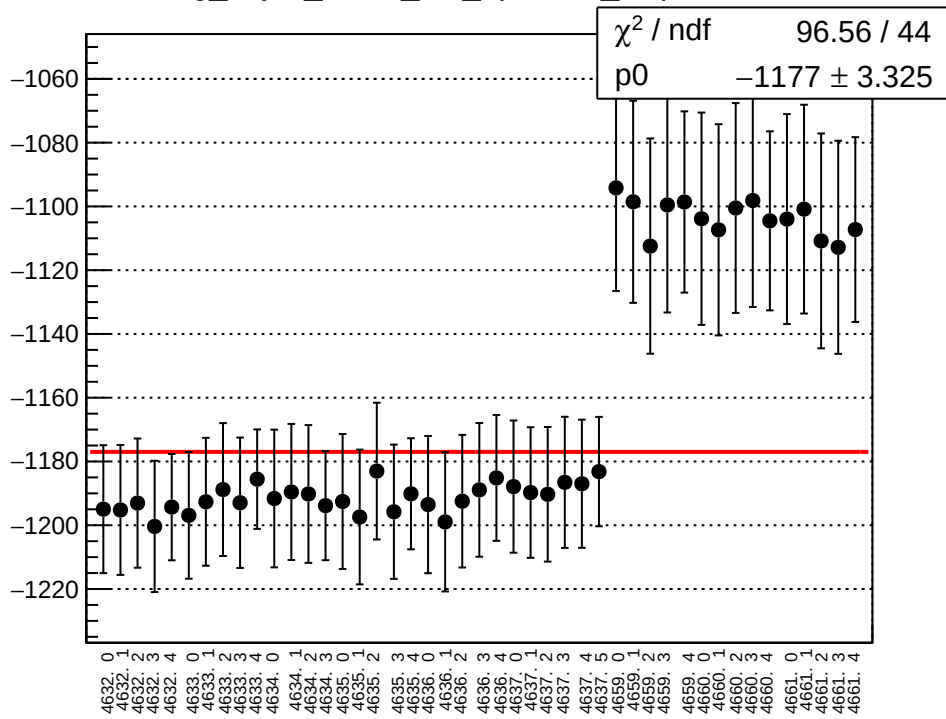
reg_asym_sam3_diff_bpm4aX_slope vs run



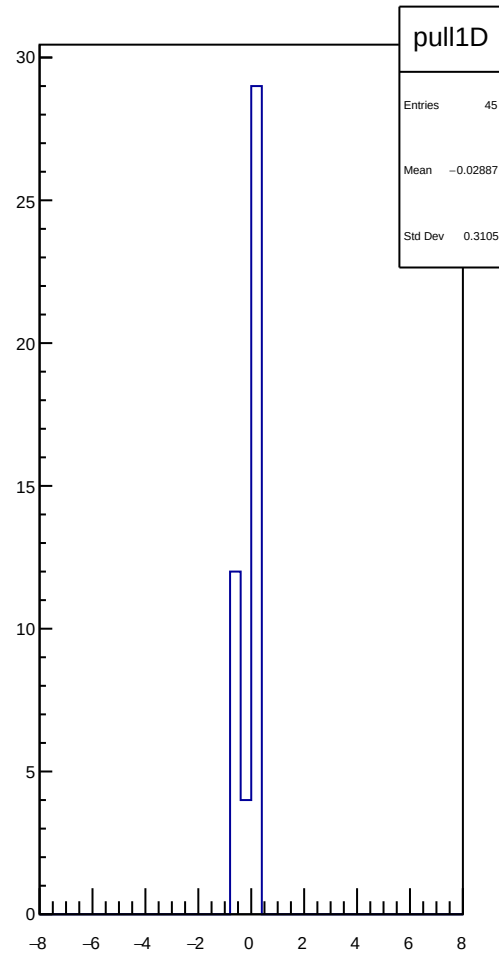
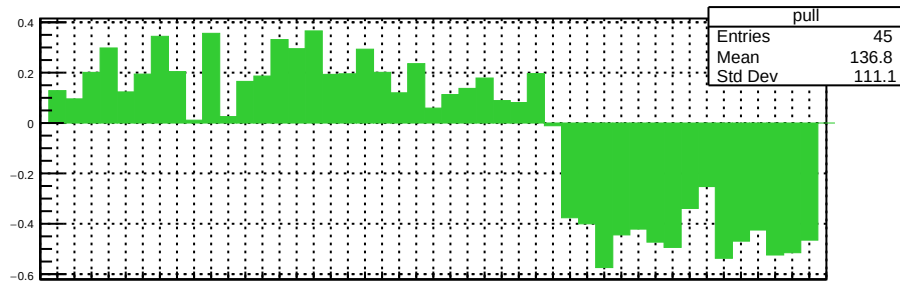
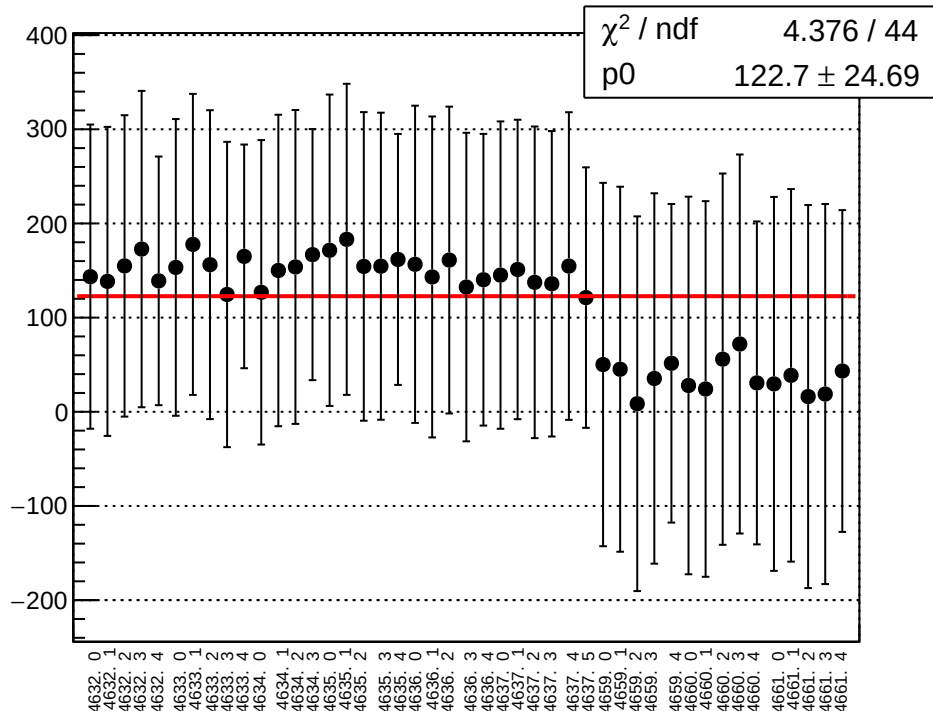
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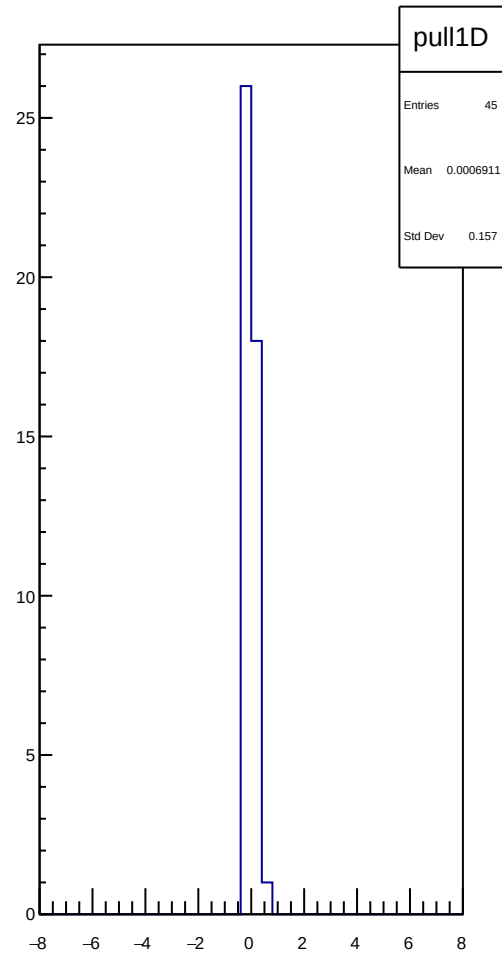
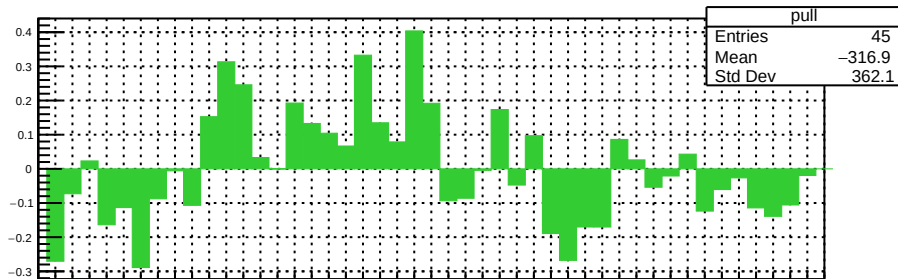
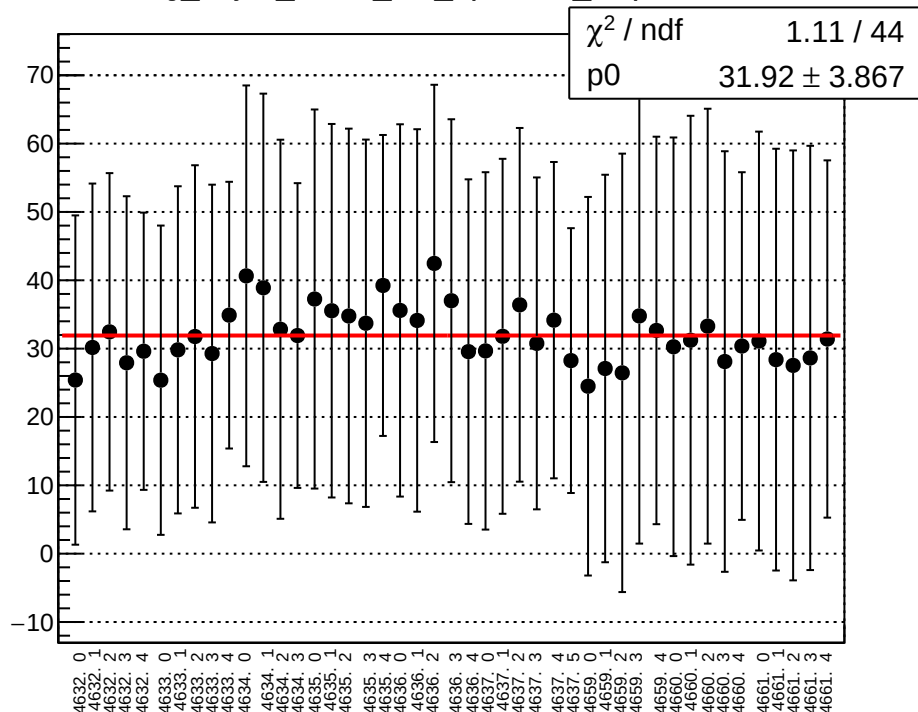
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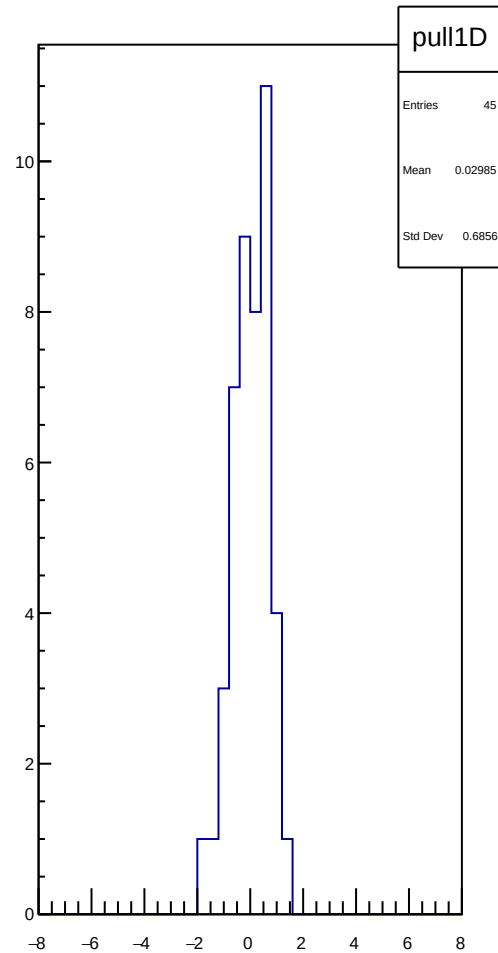
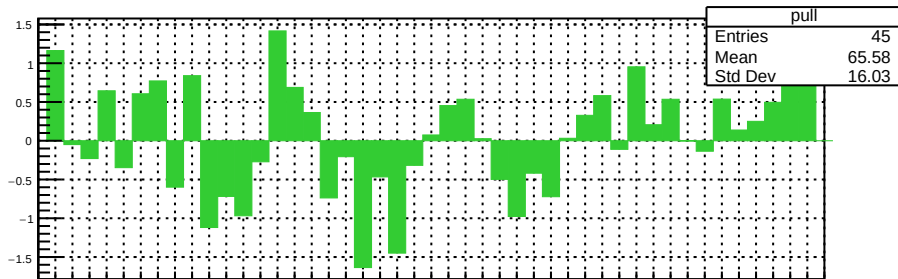
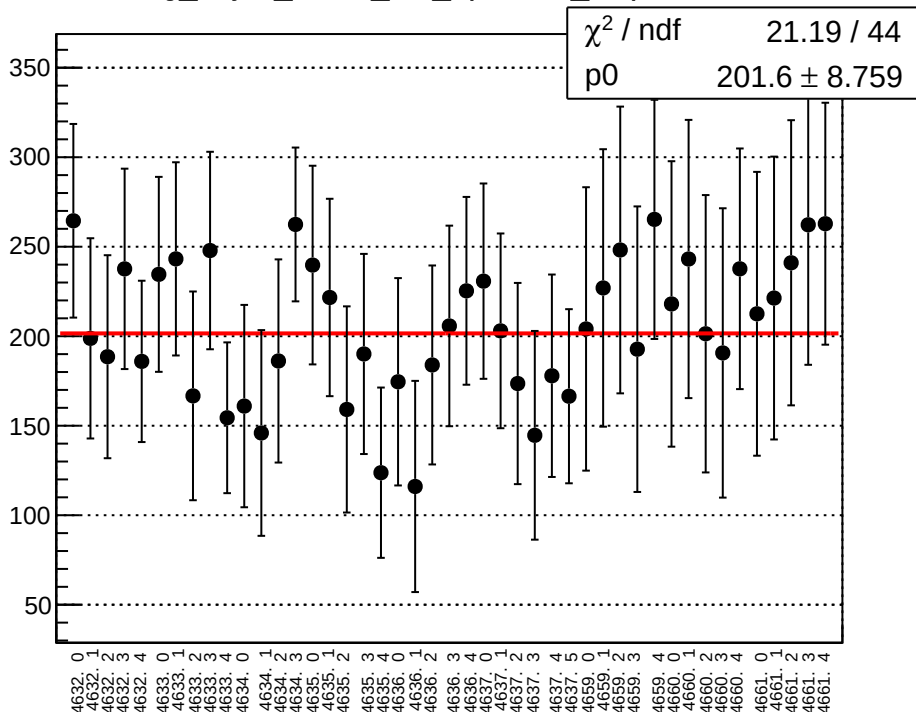
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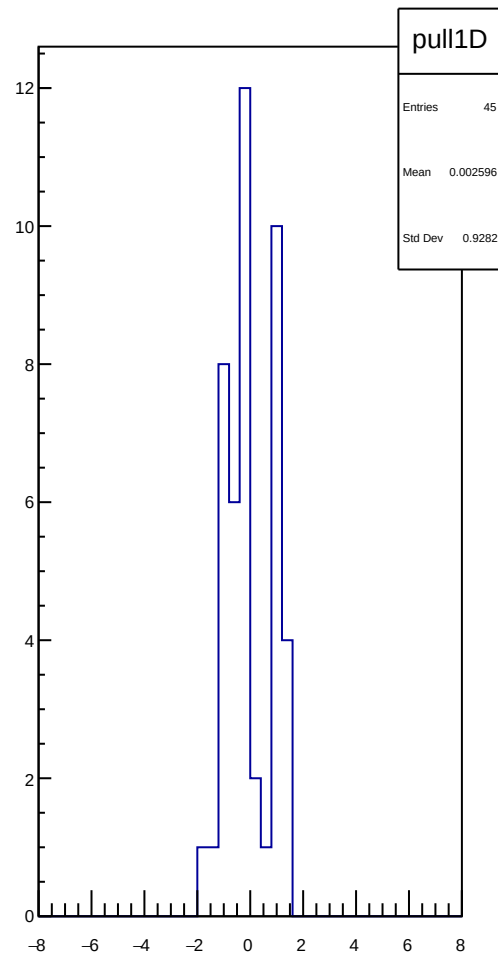
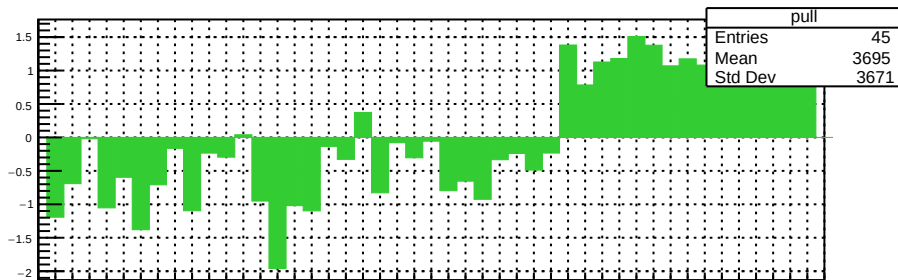
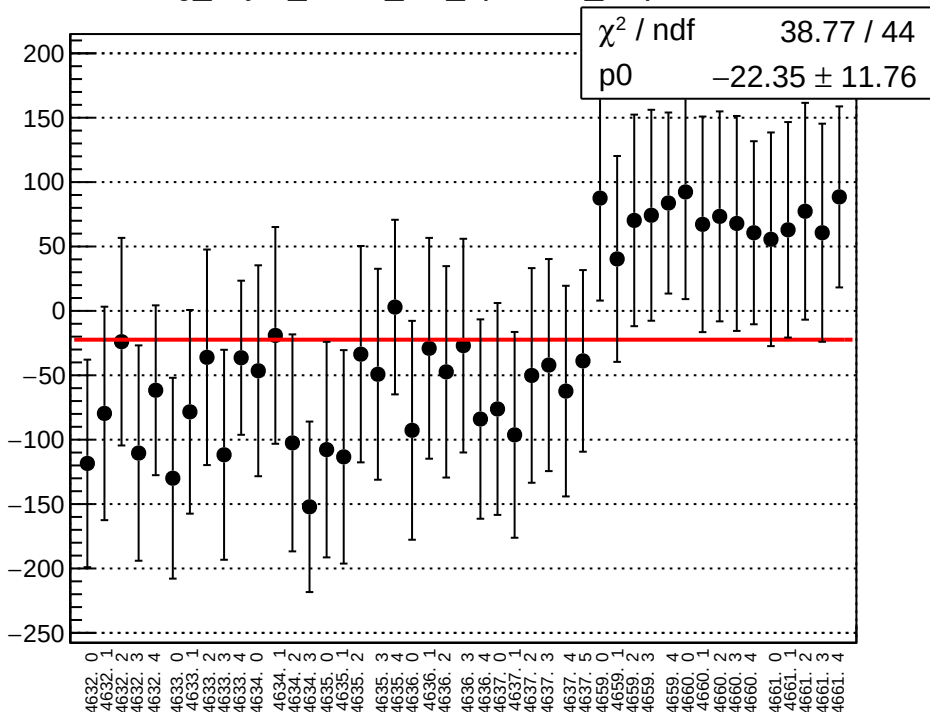
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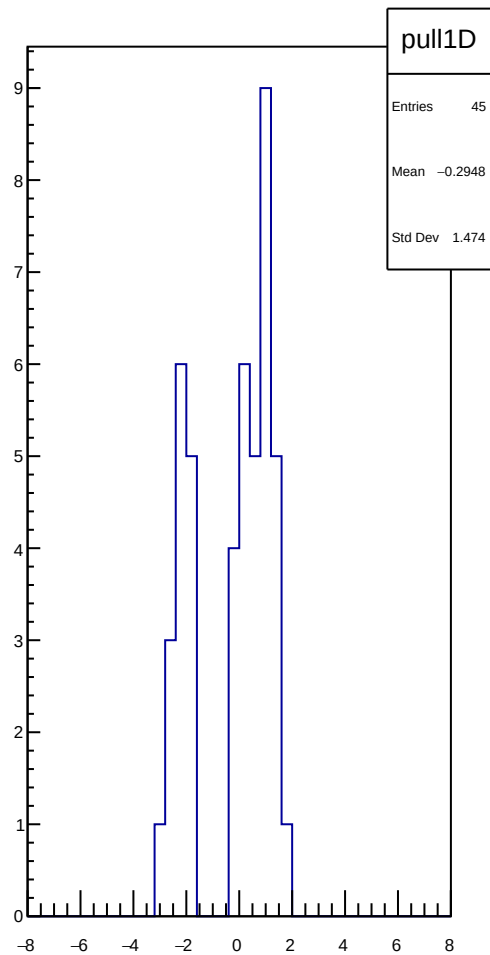
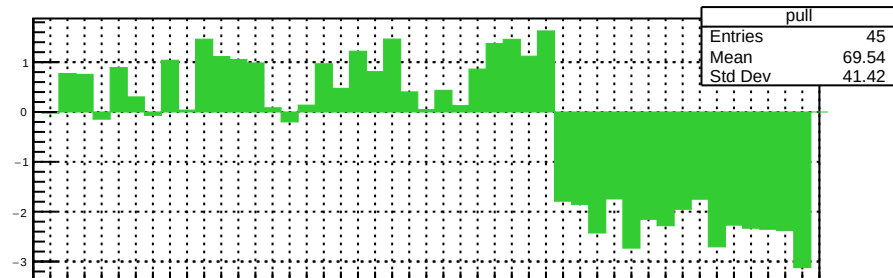
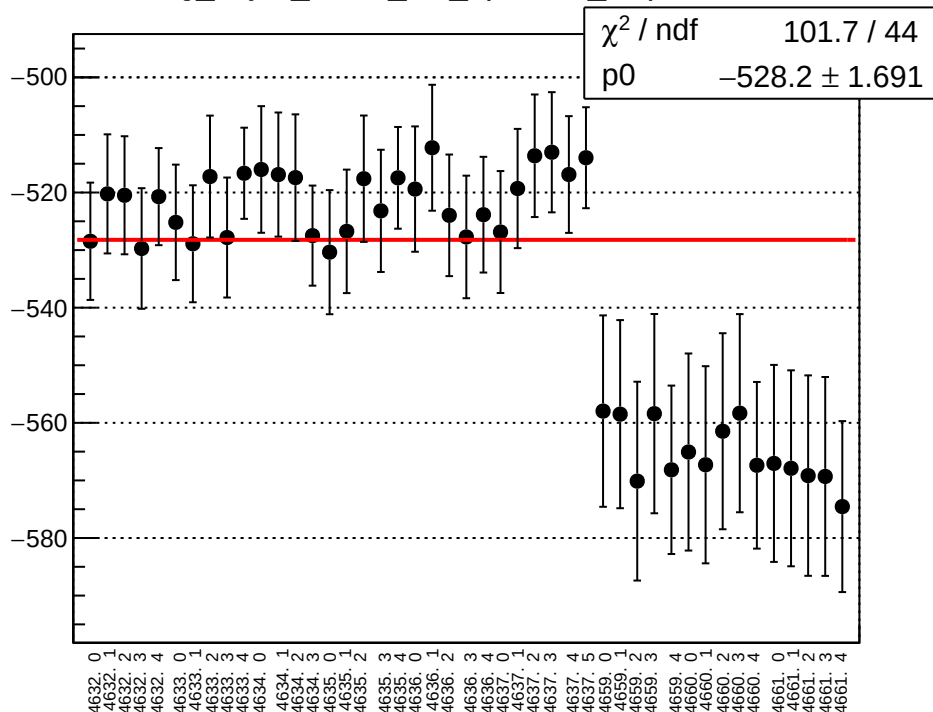
reg_asym_sam4_diff_bpm4aX_slope vs run



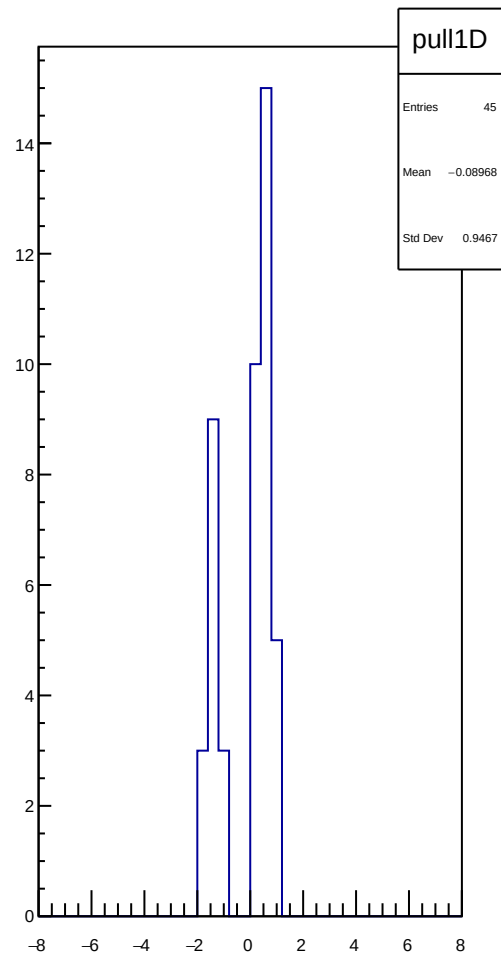
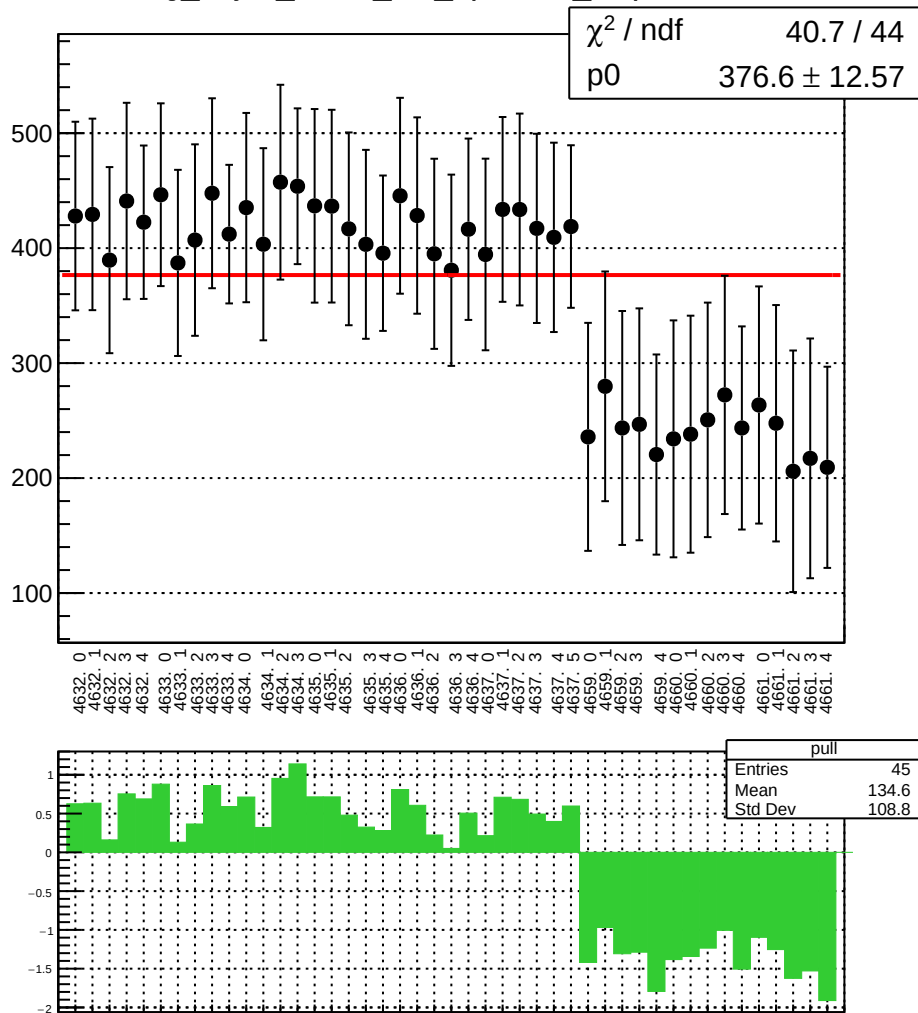
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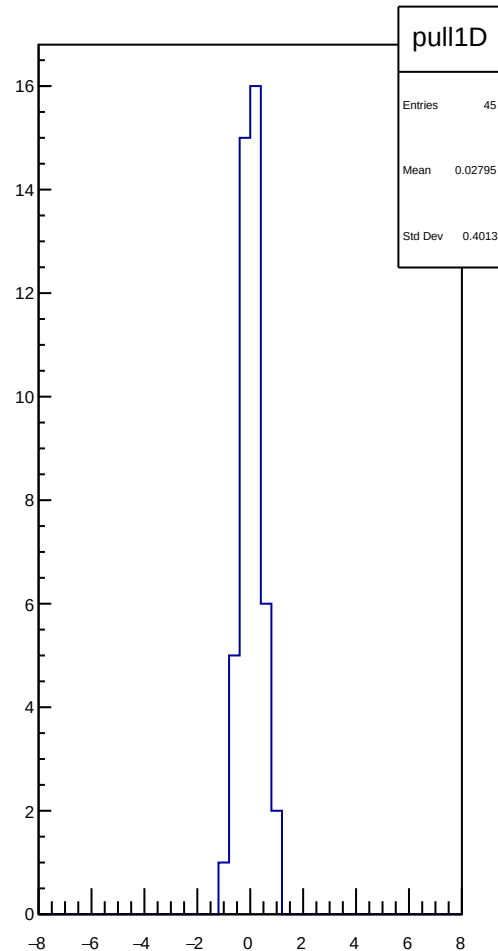
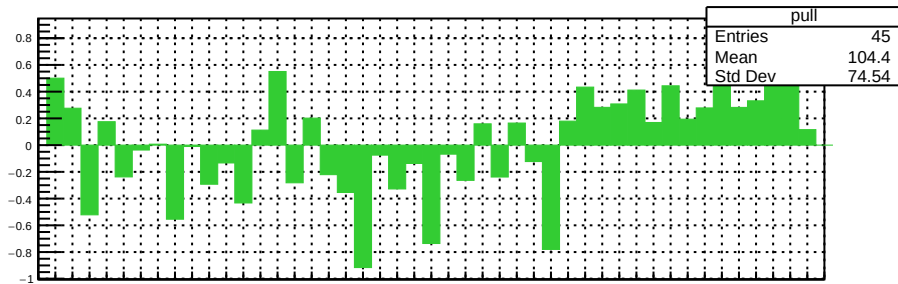
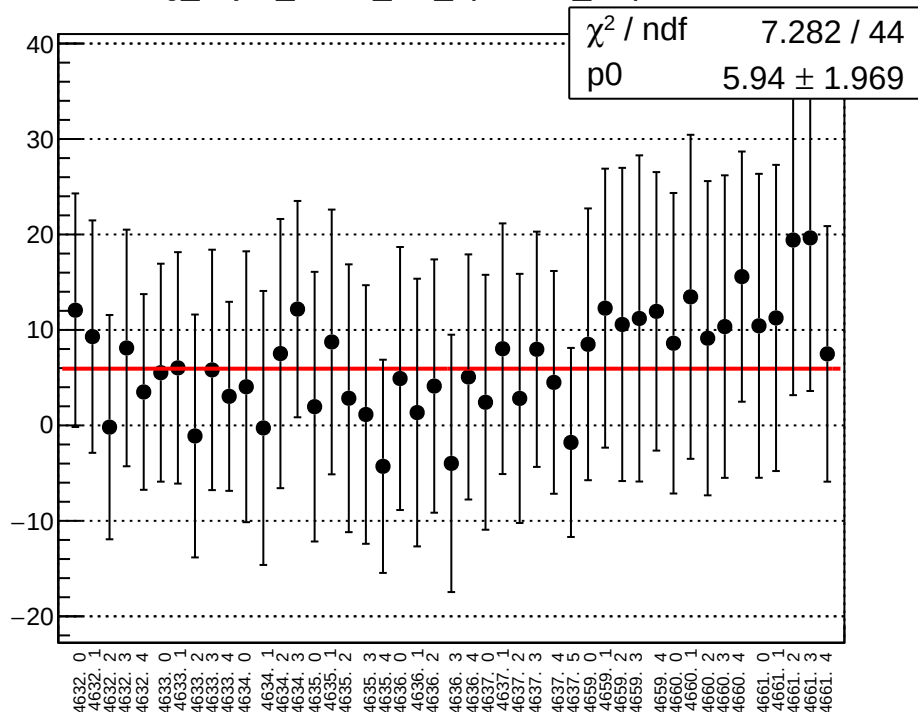
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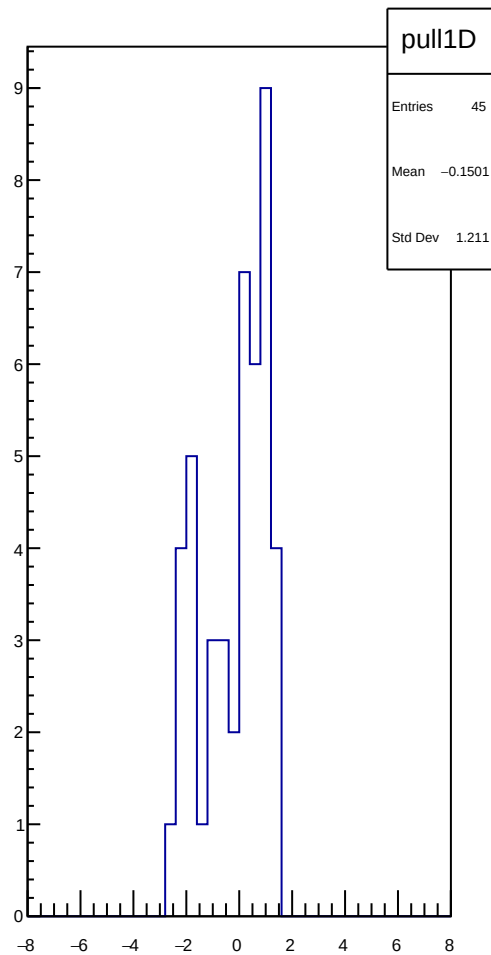
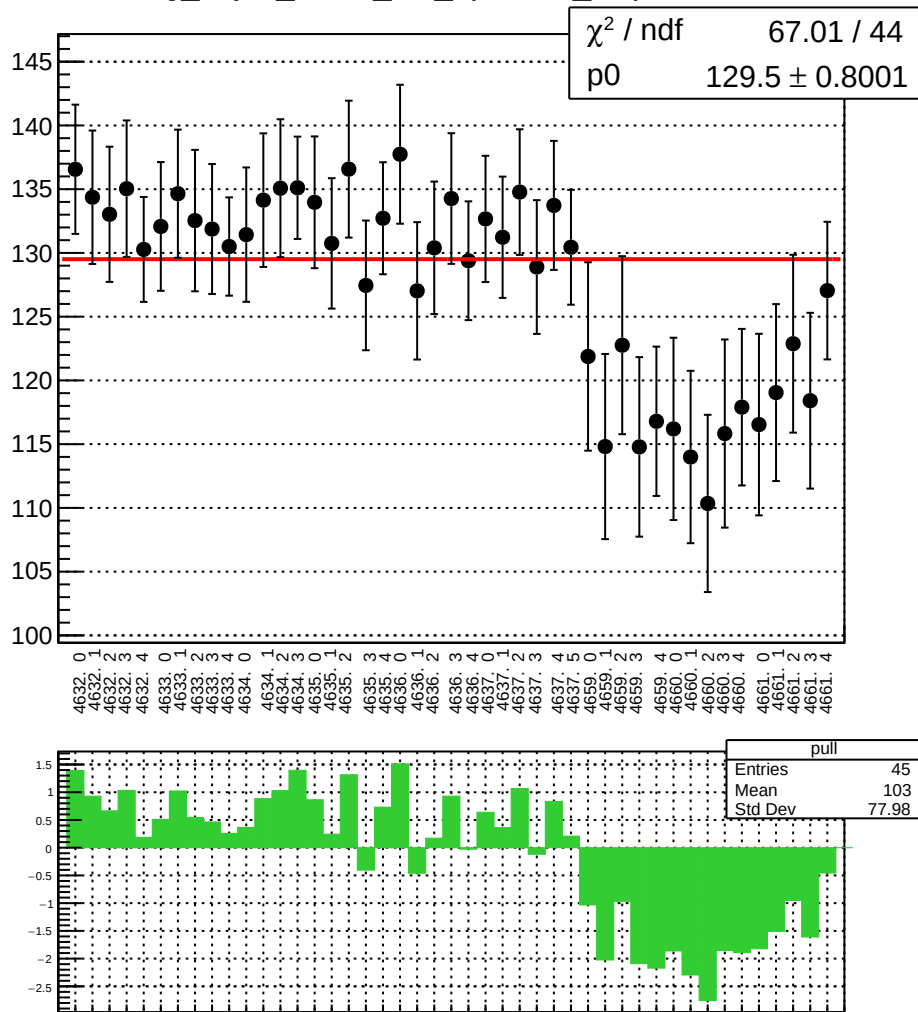
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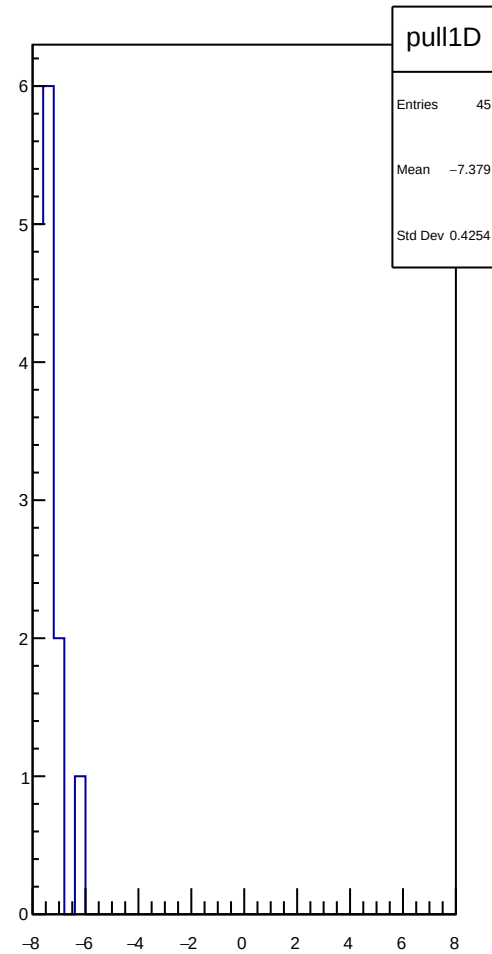
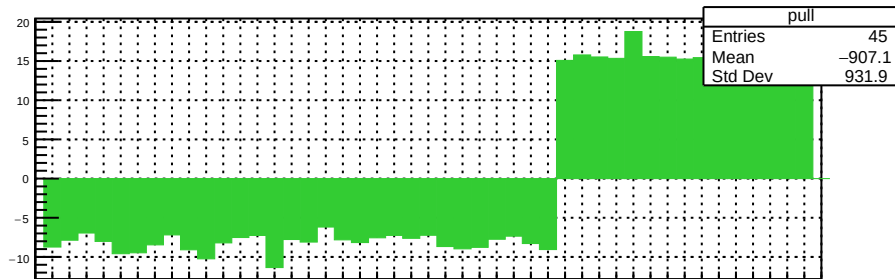
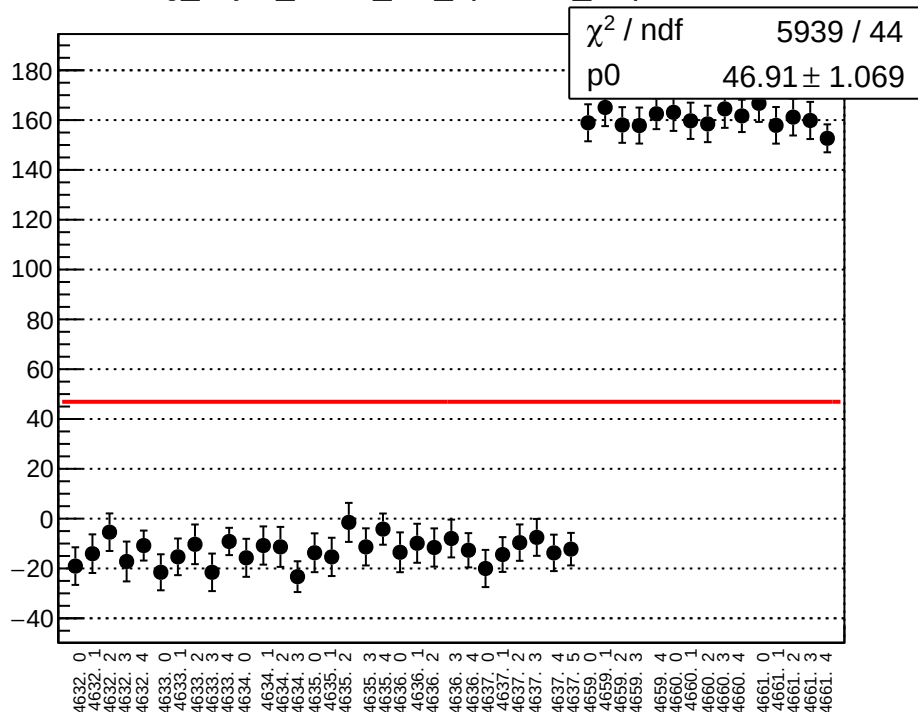
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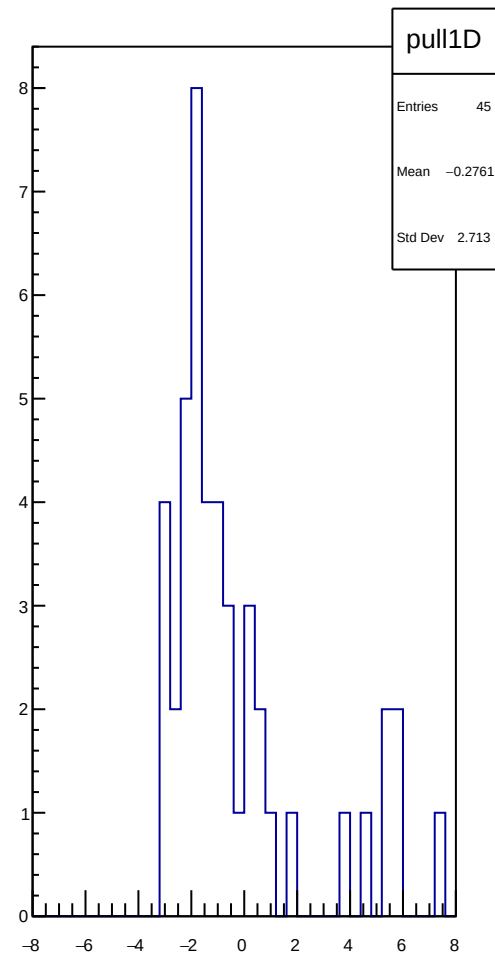
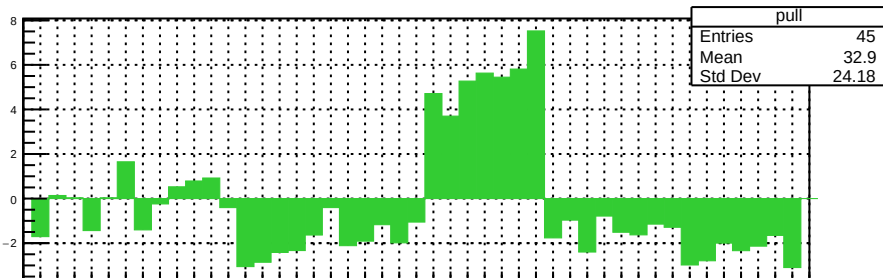
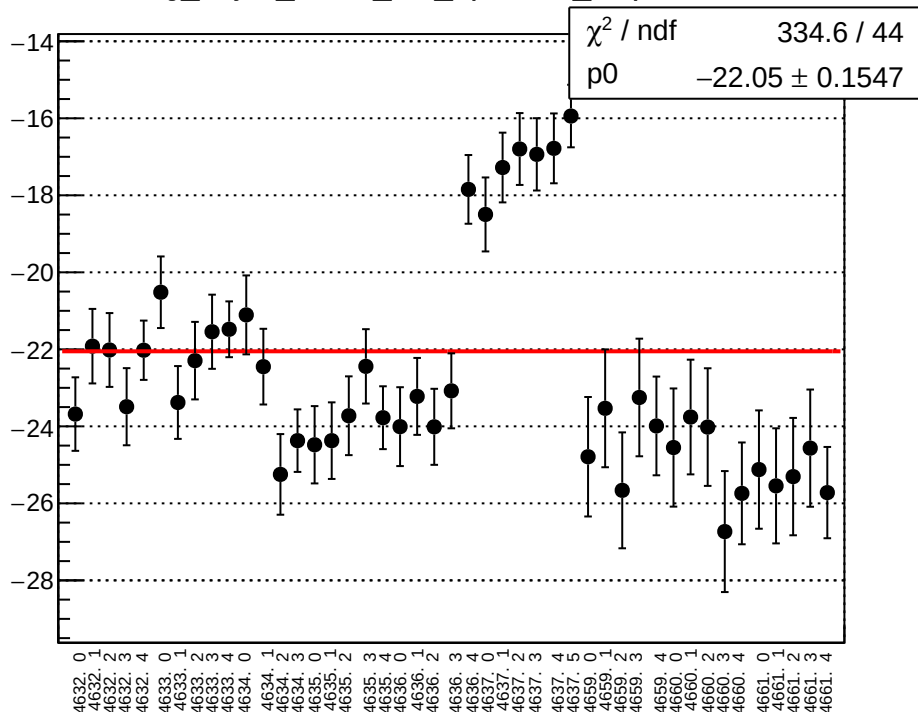
reg_asym_sam5_diff_bpm4aX_slope vs run



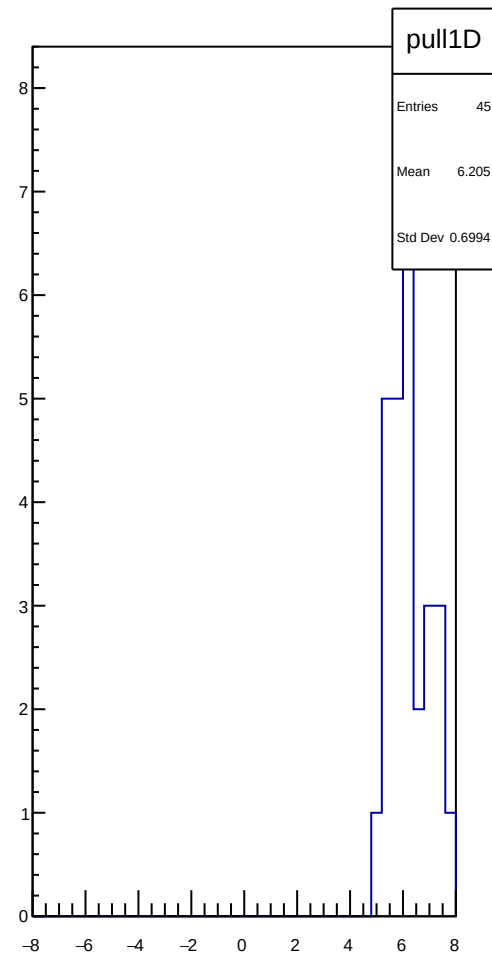
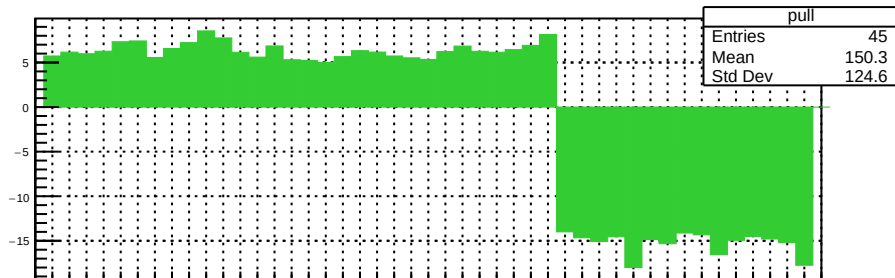
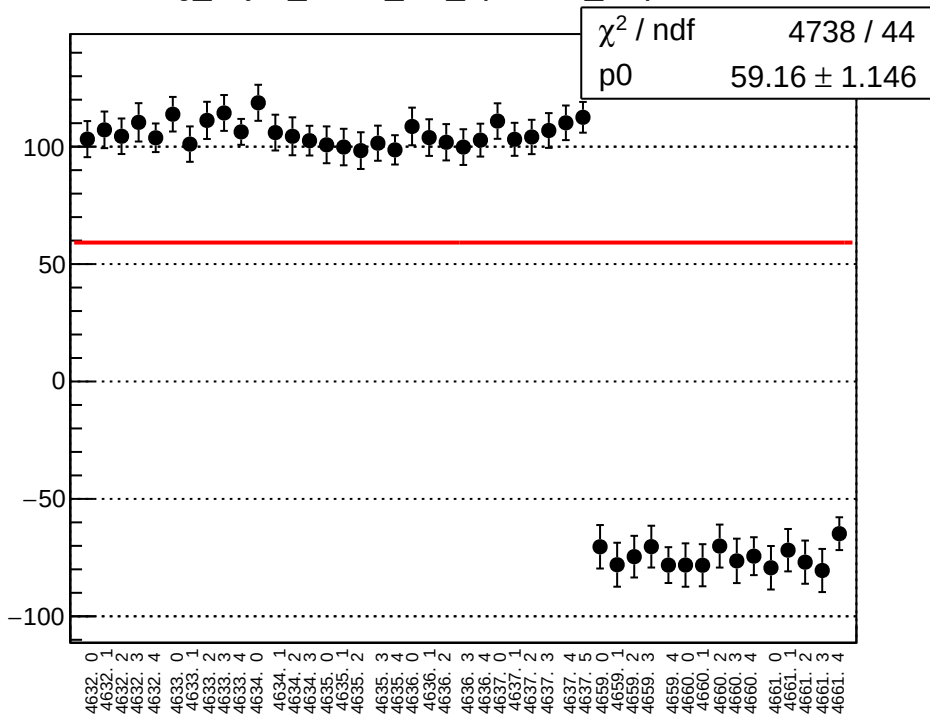
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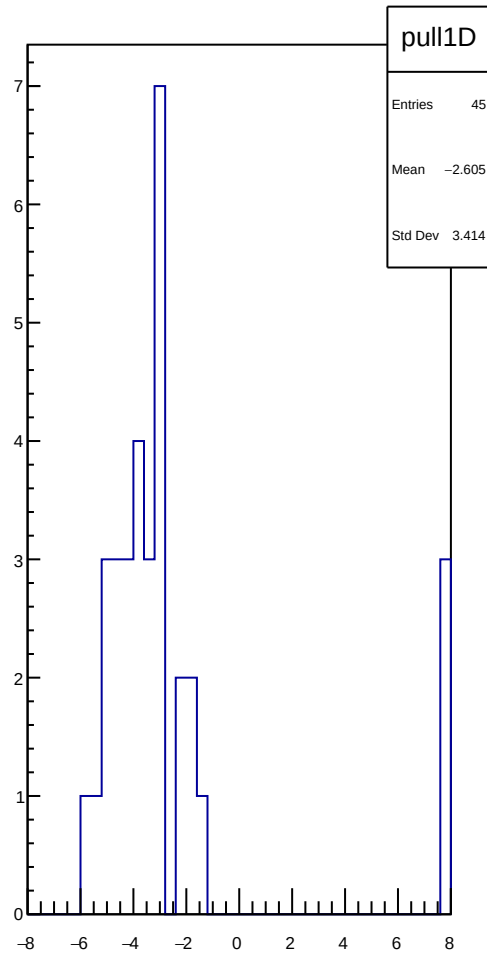
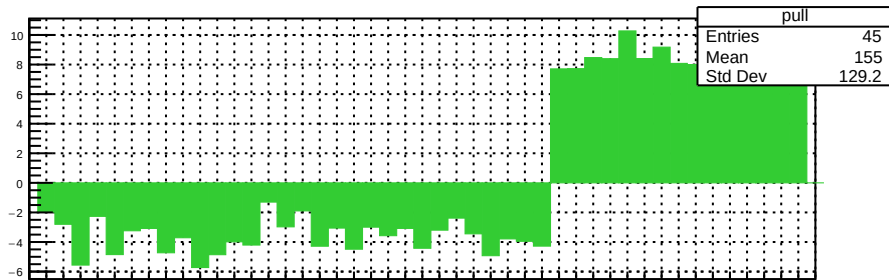
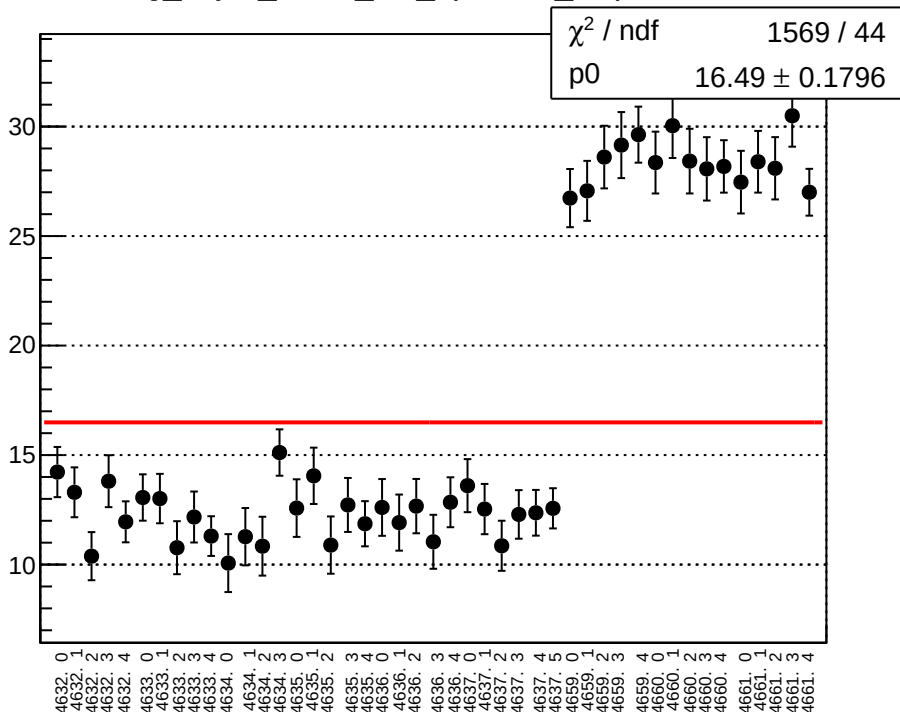
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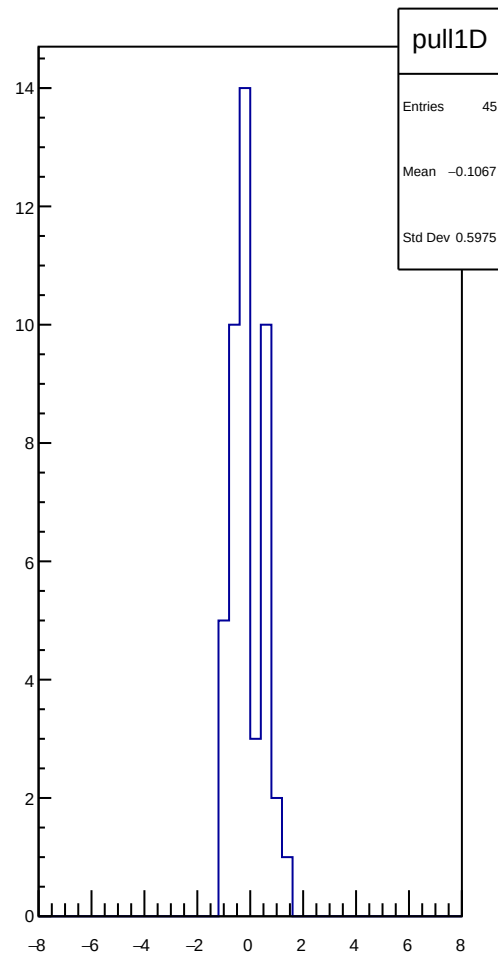
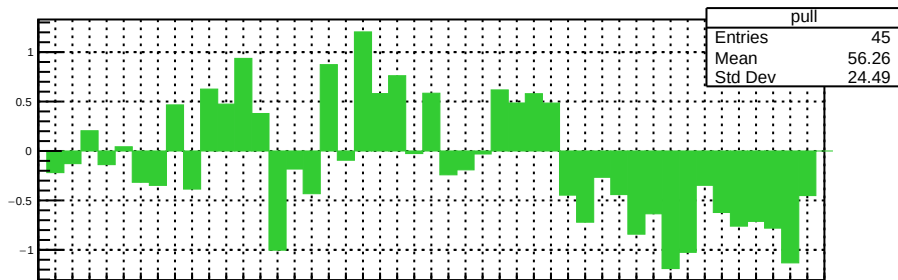
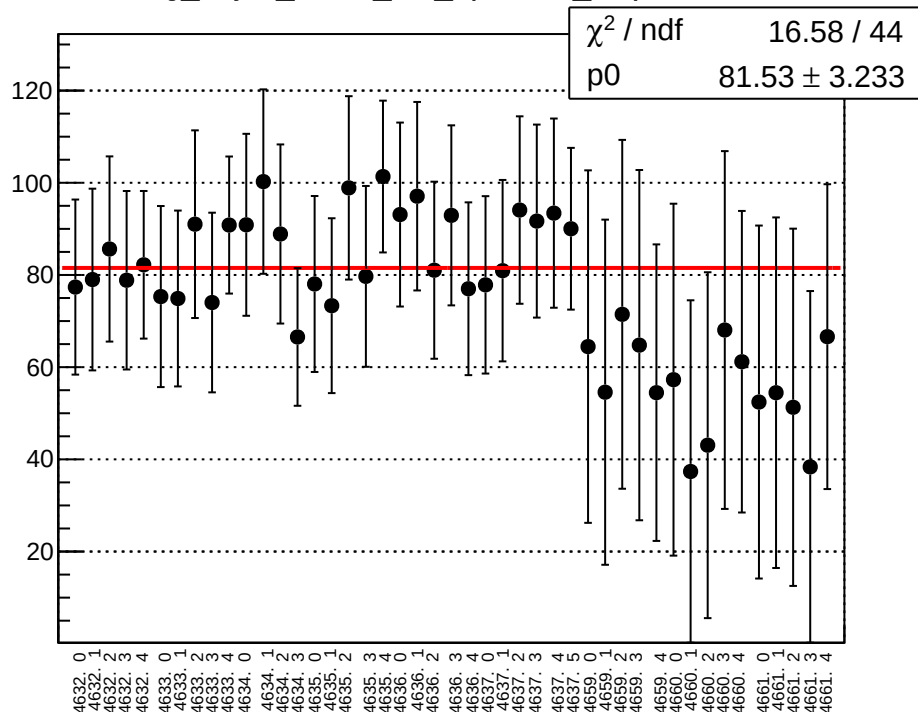
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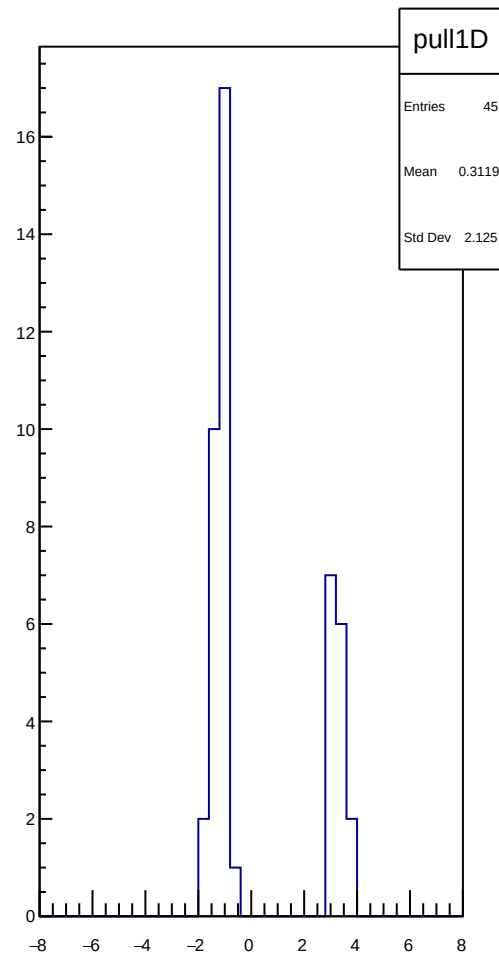
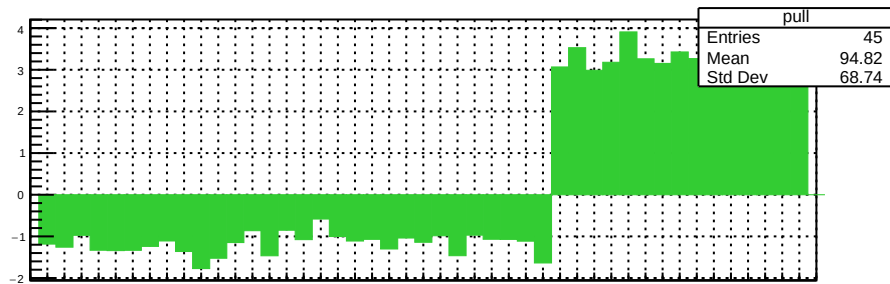
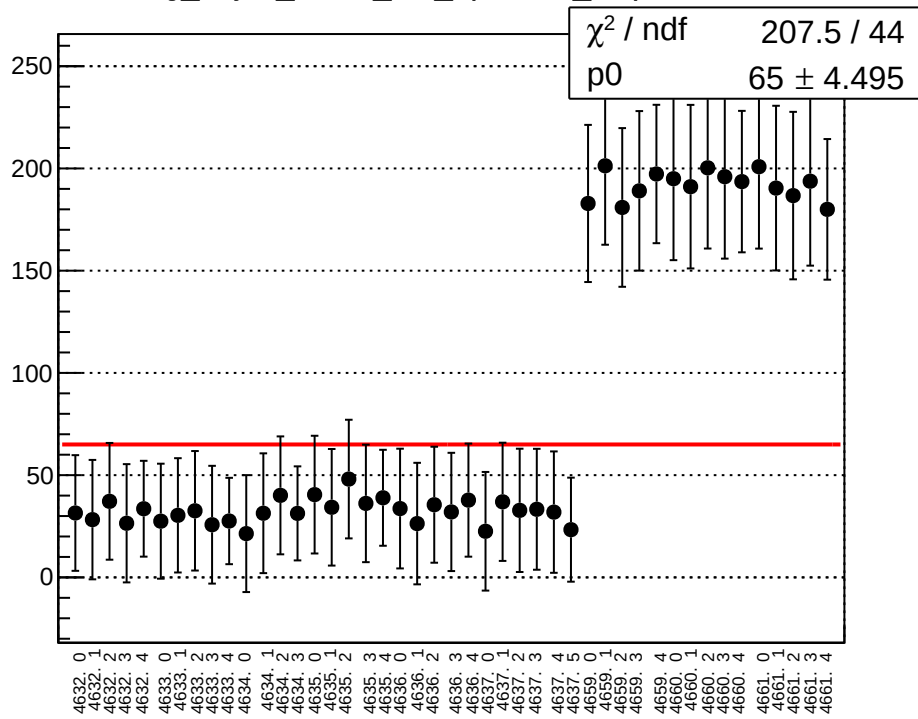
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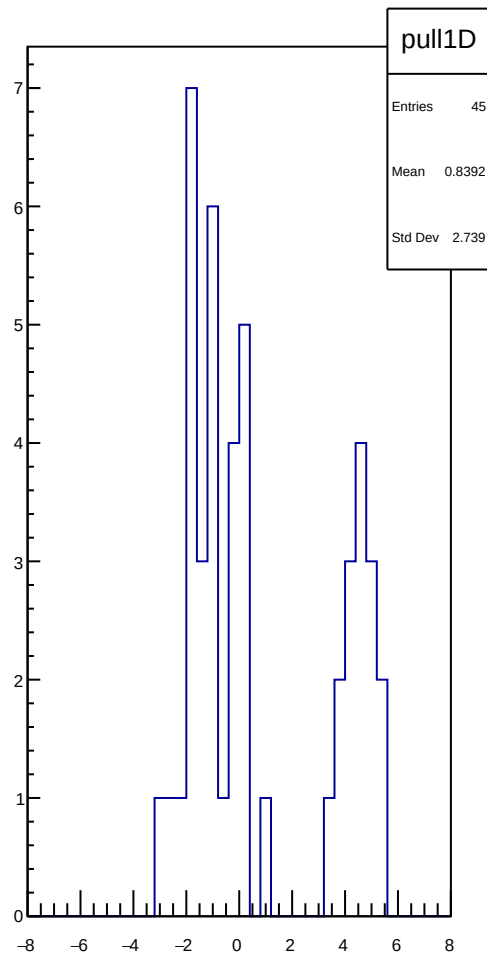
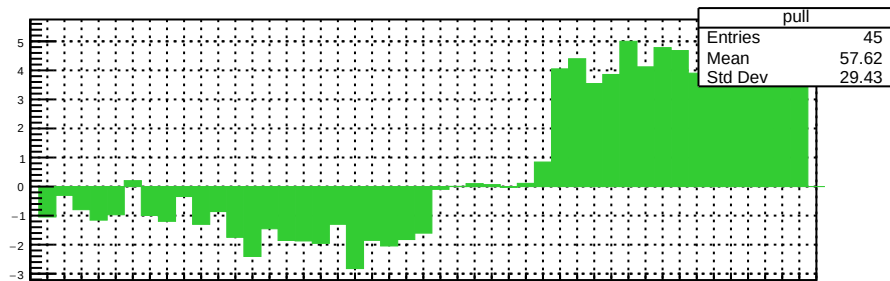
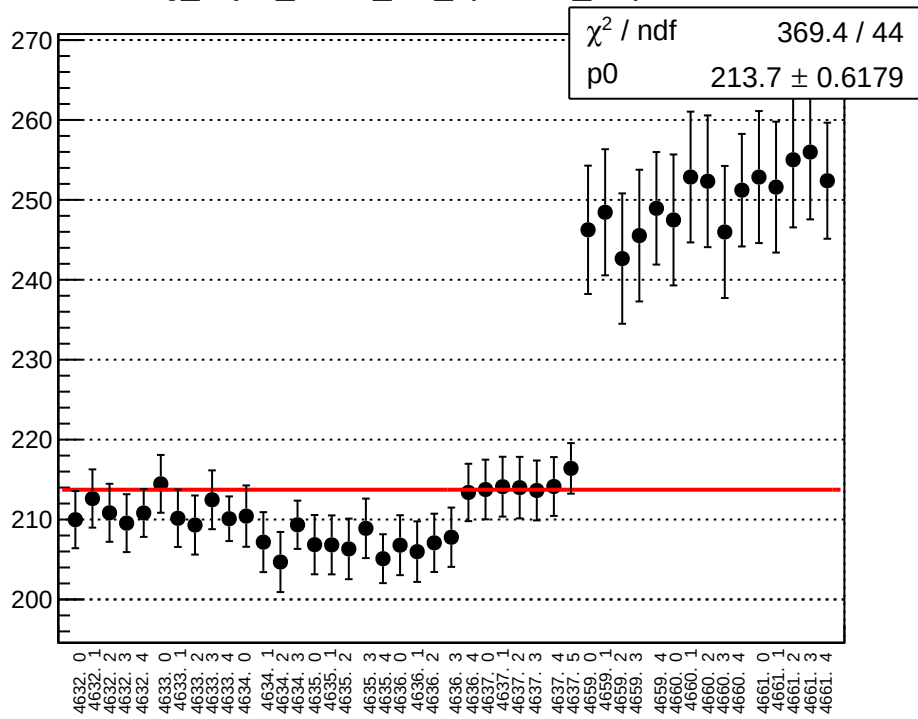
reg_asym_sam6_diff_bpm4aX_slope vs run



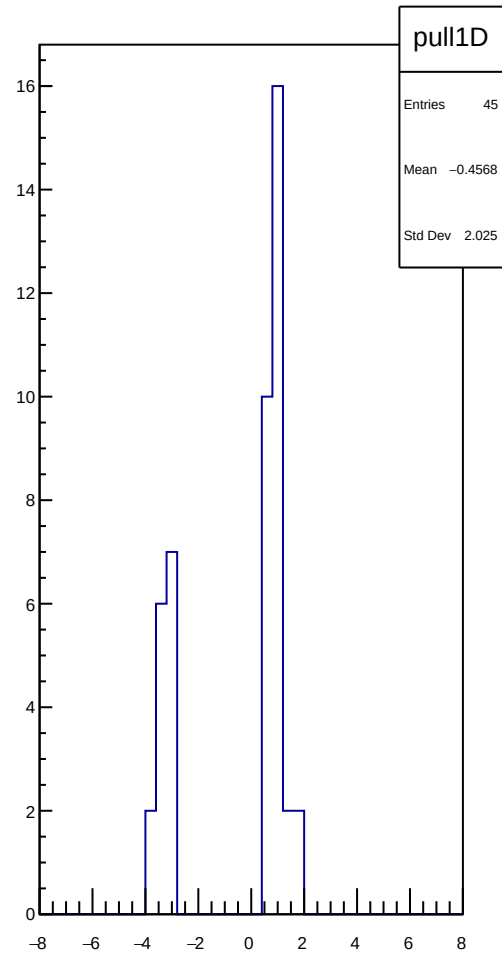
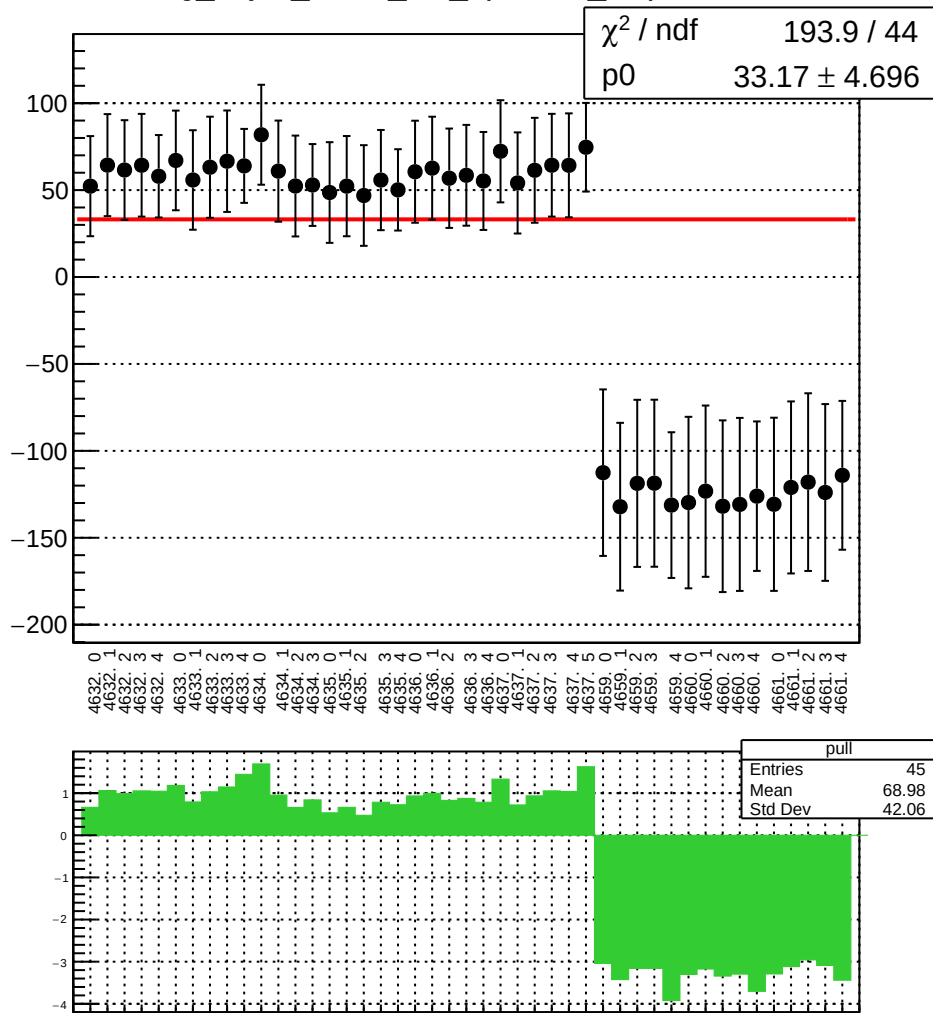
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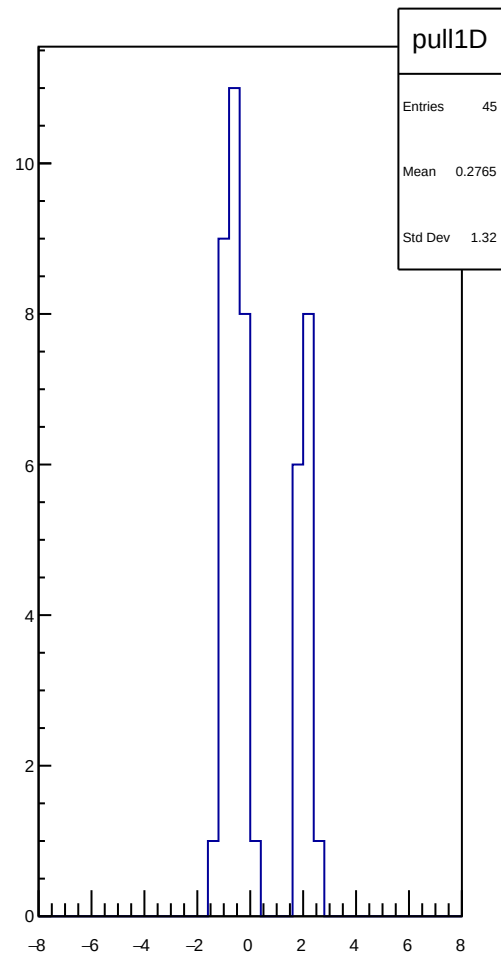
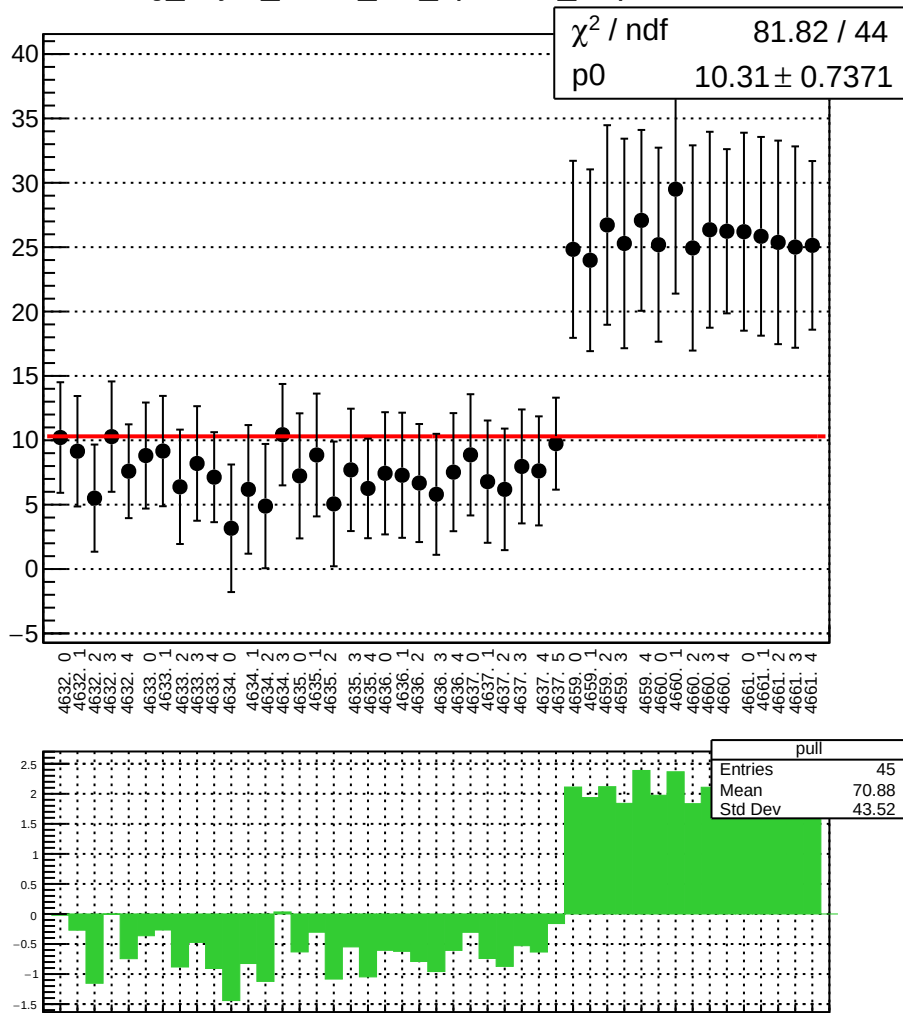
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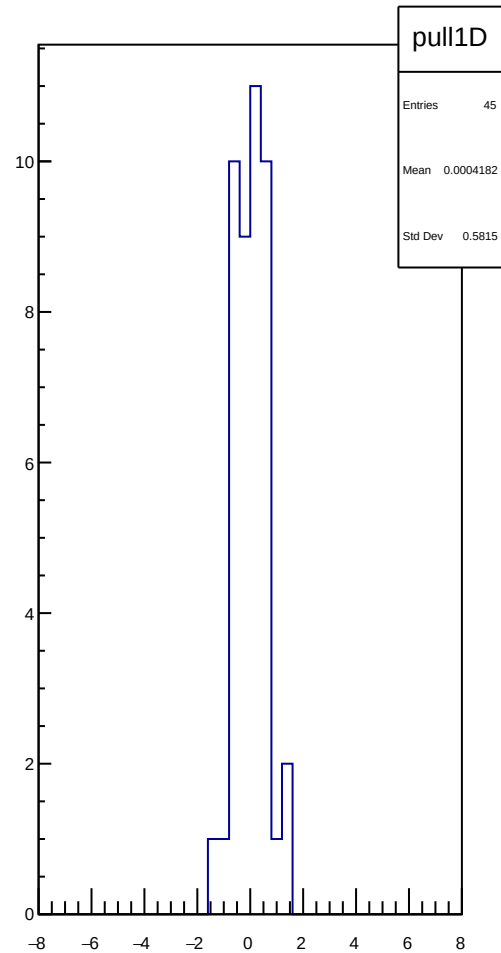
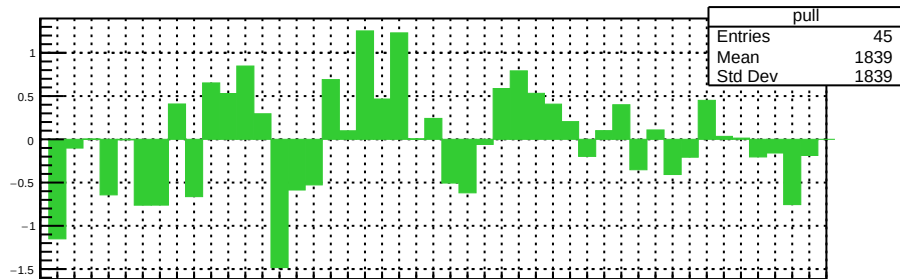
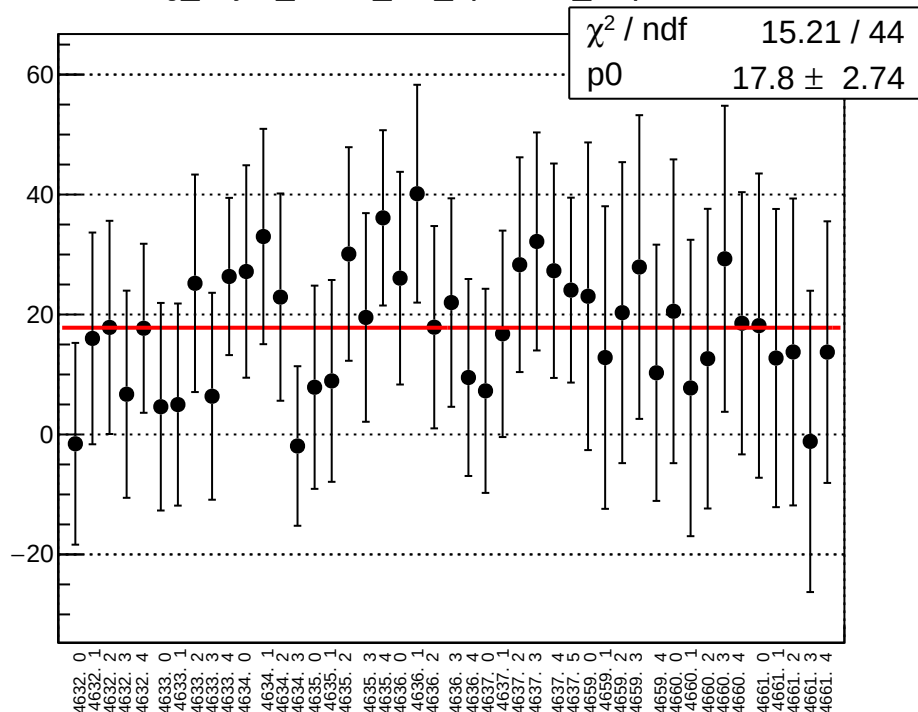
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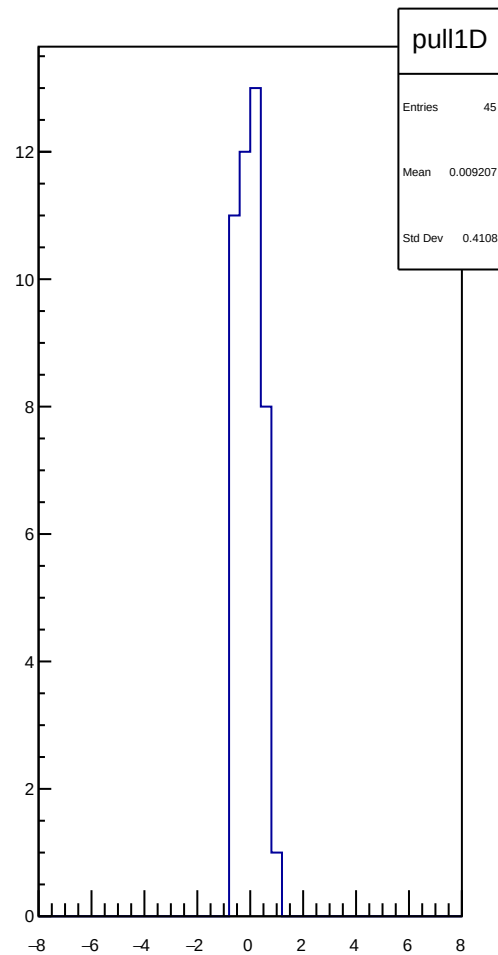
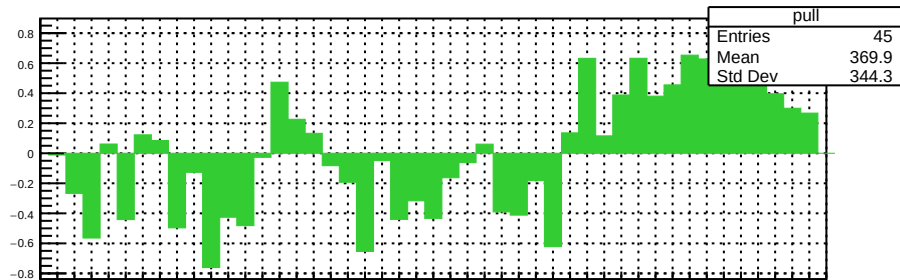
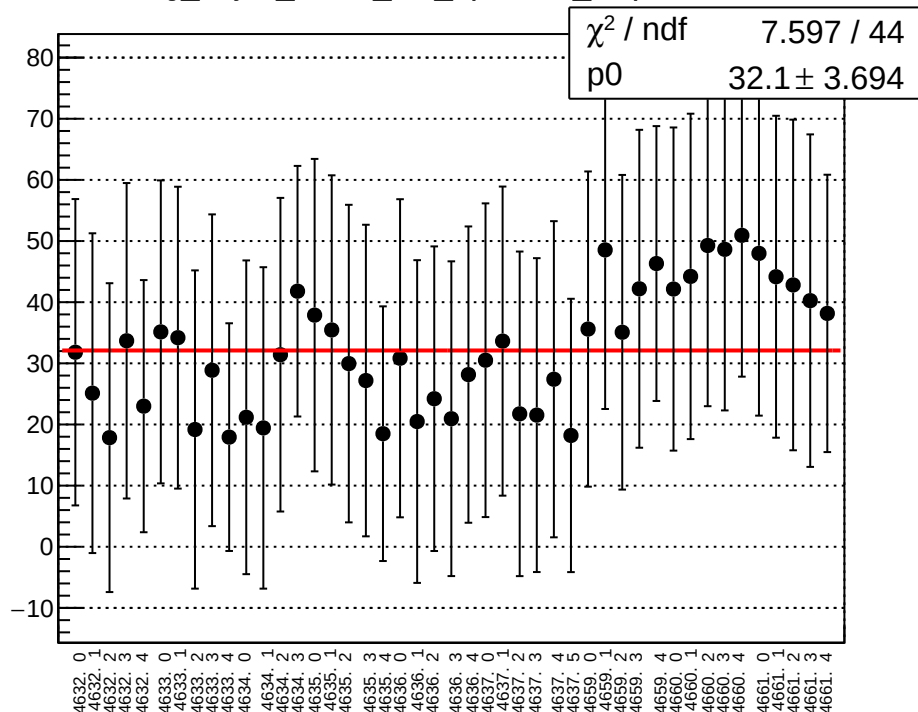
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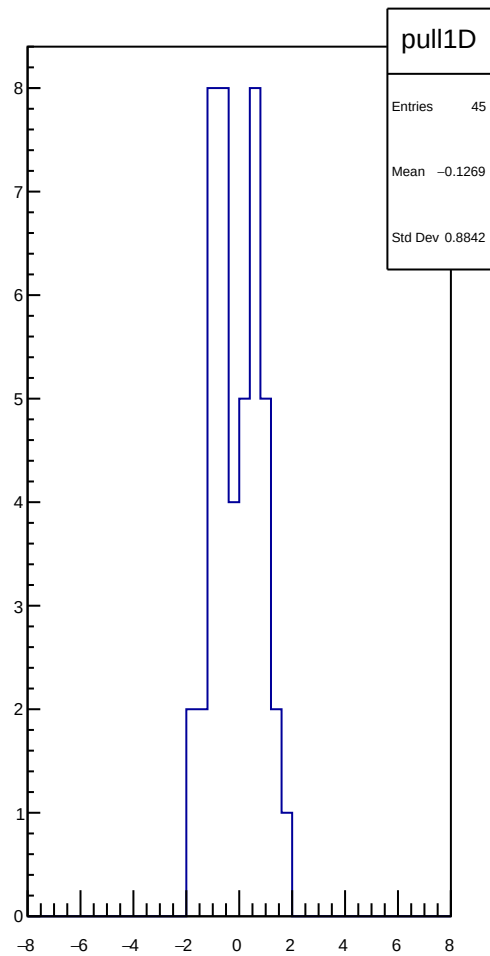
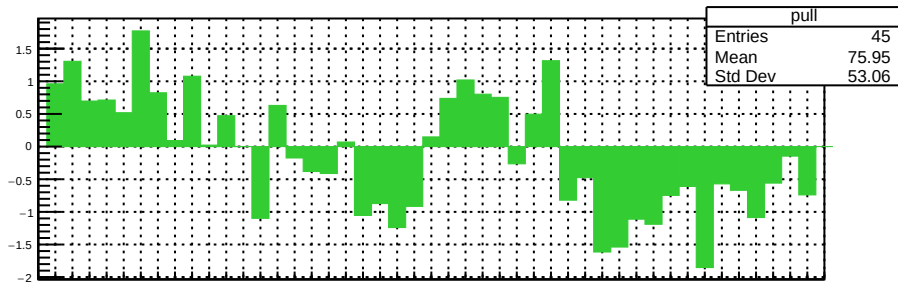
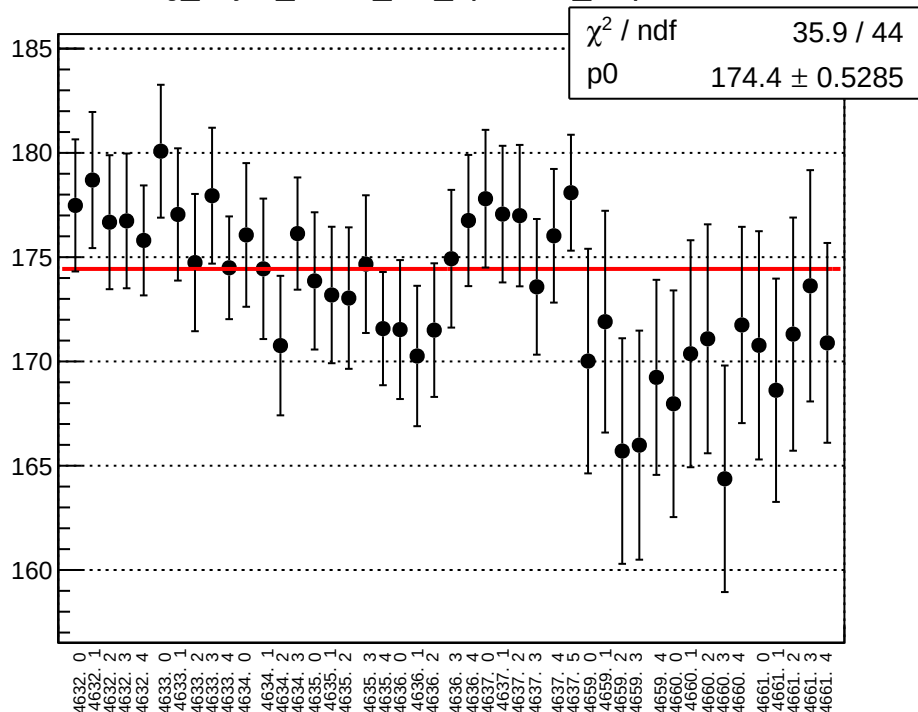
reg_asym_sam7_diff_bpm4aX_slope vs run



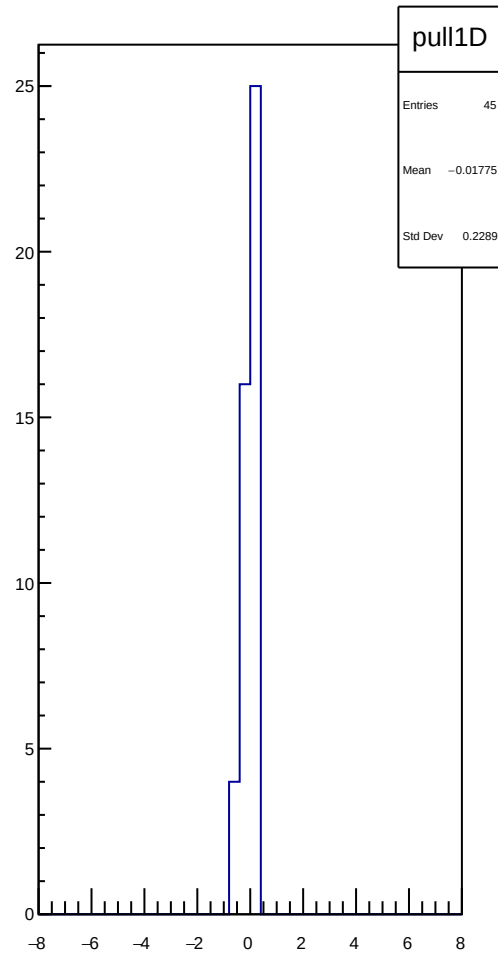
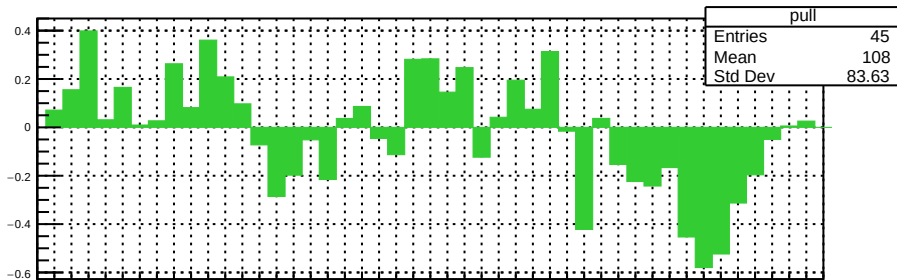
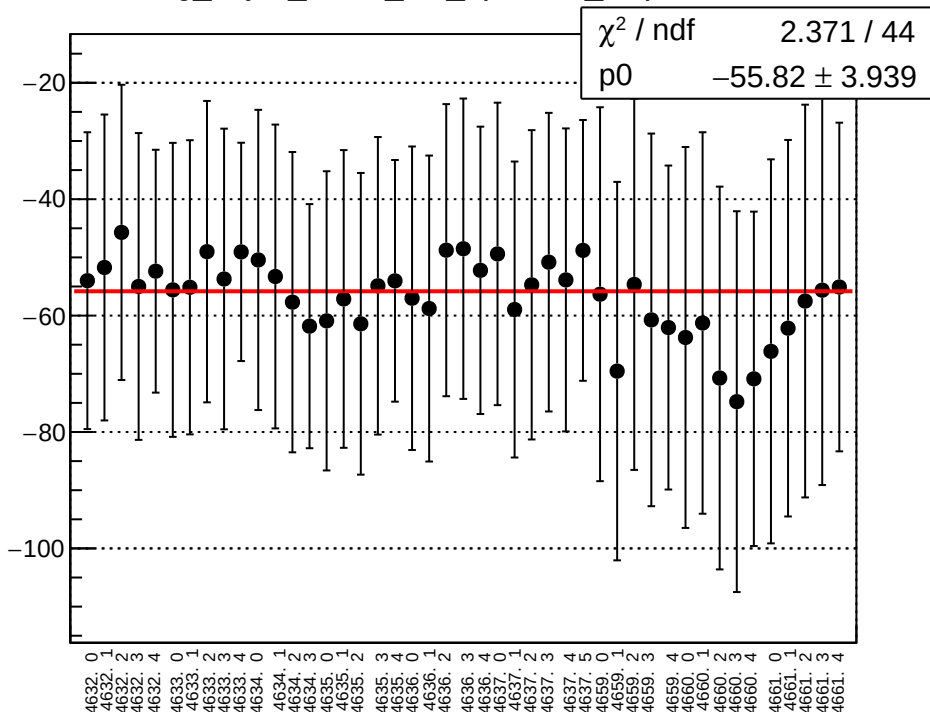
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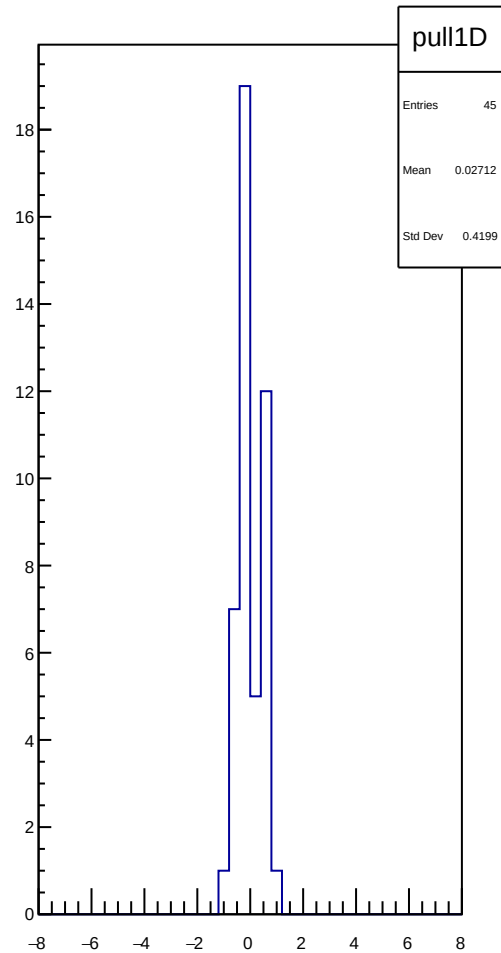
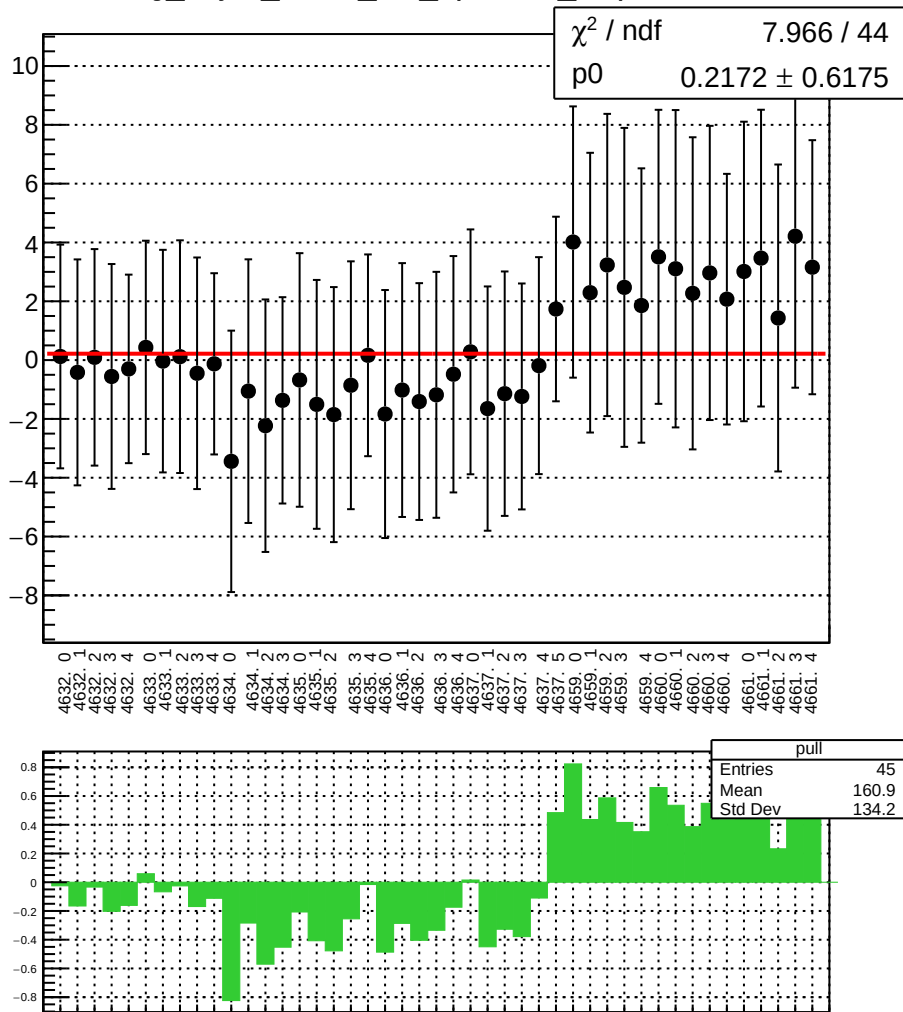
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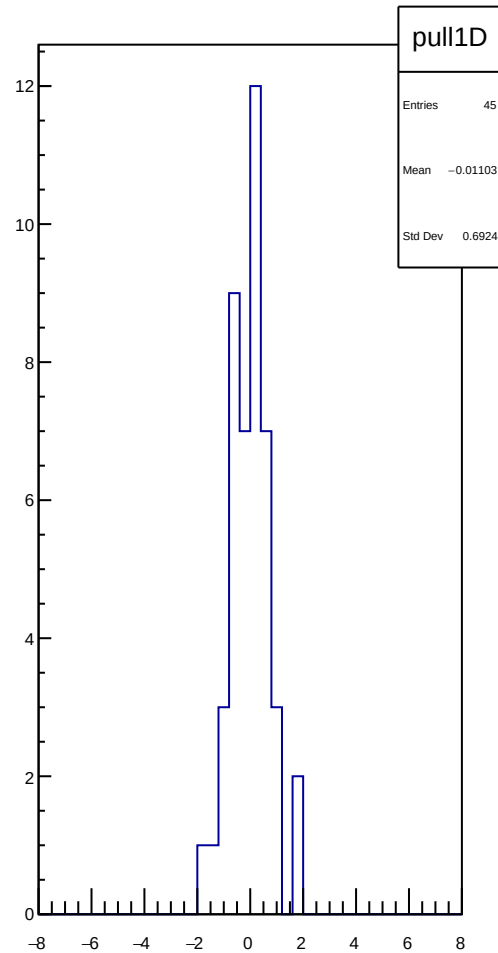
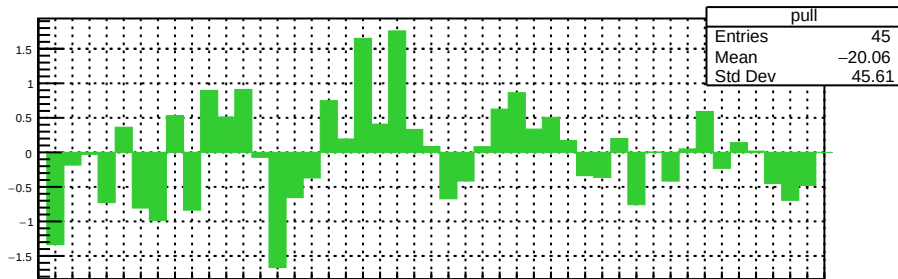
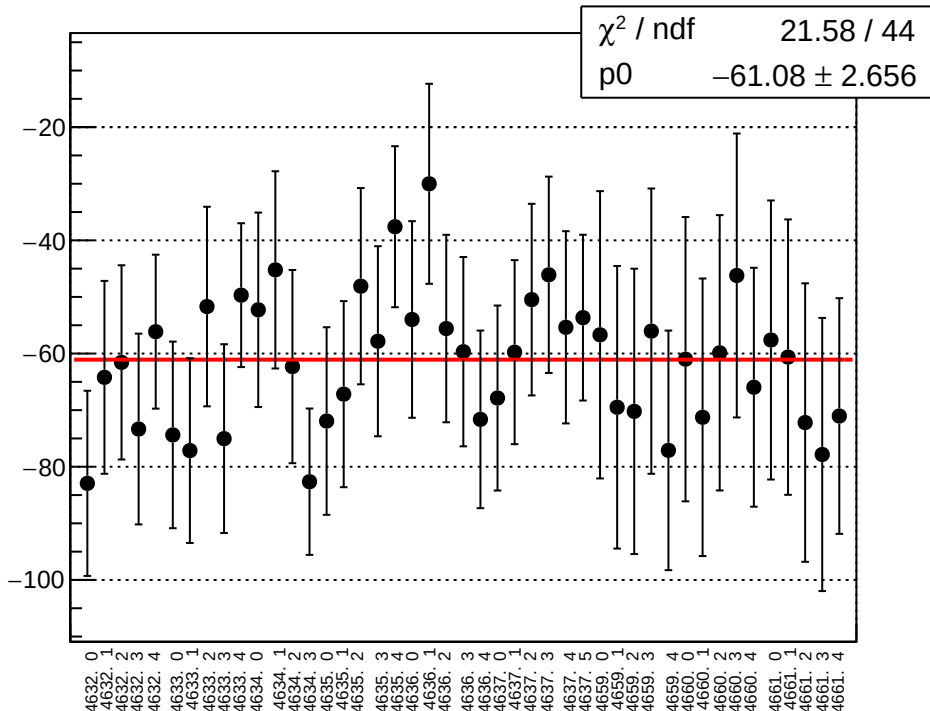
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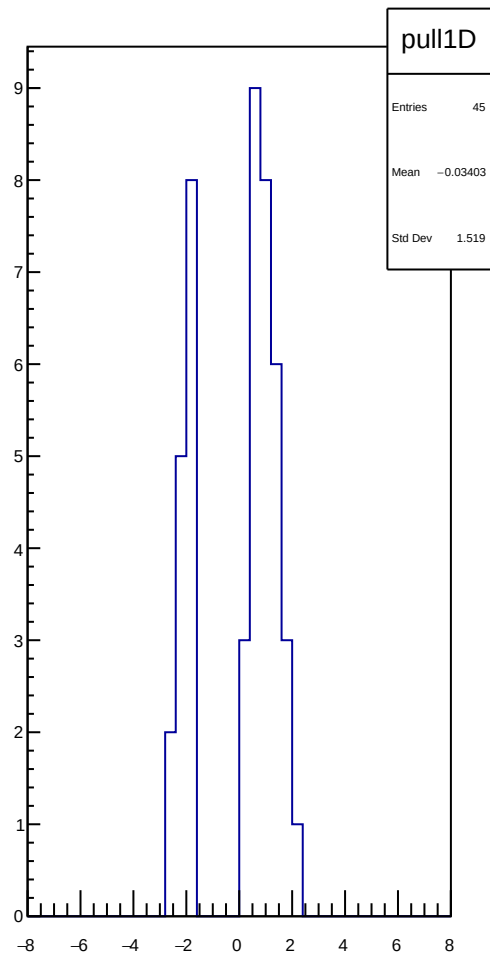
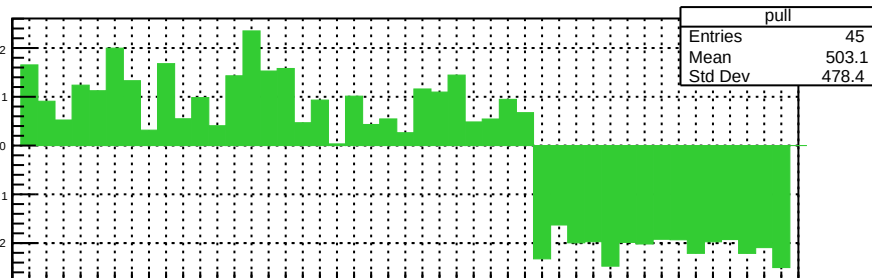
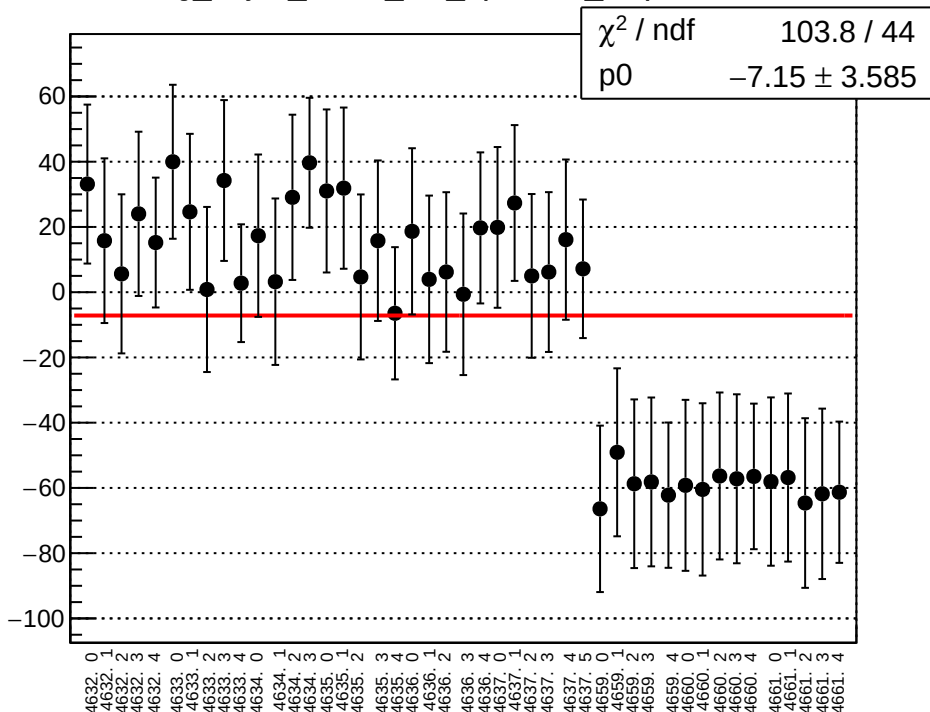
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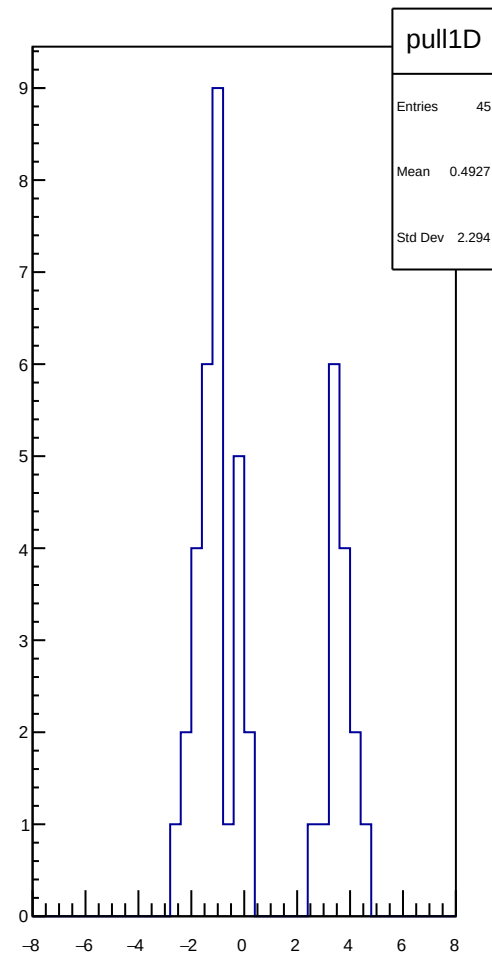
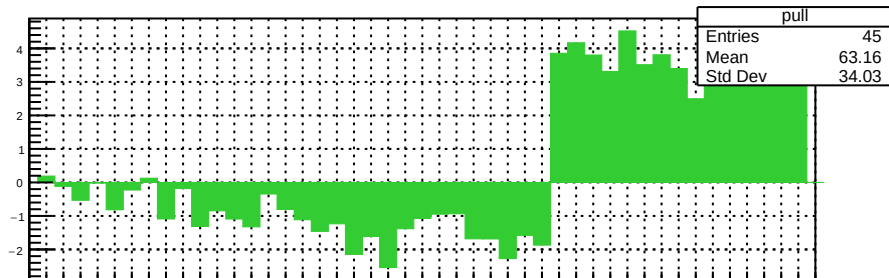
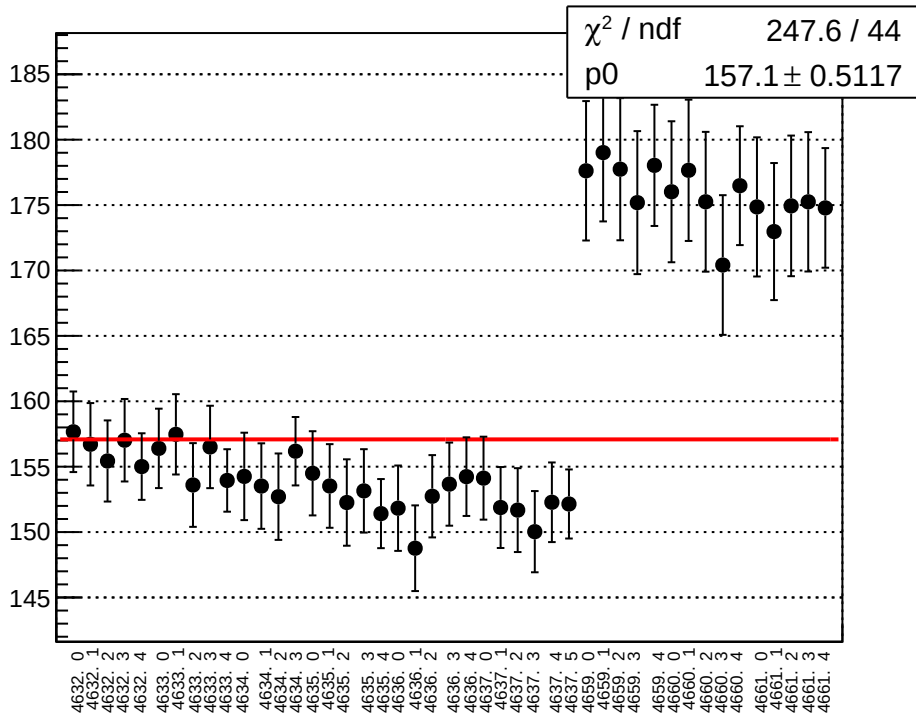
reg_asym_sam8_diff_bpm4aX_slope vs run



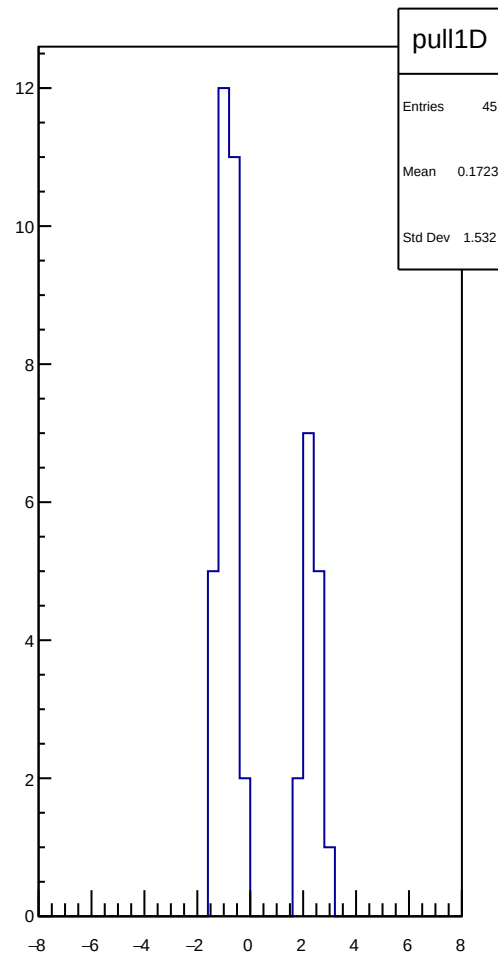
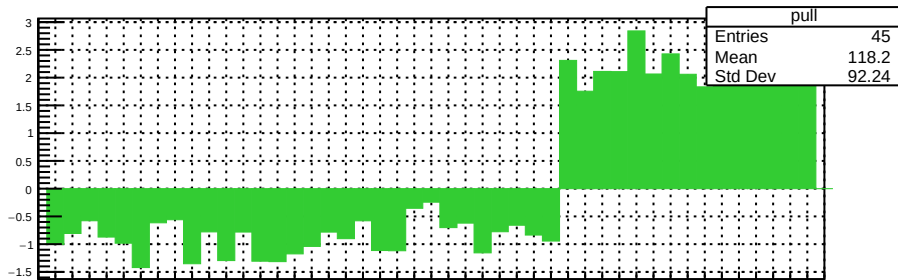
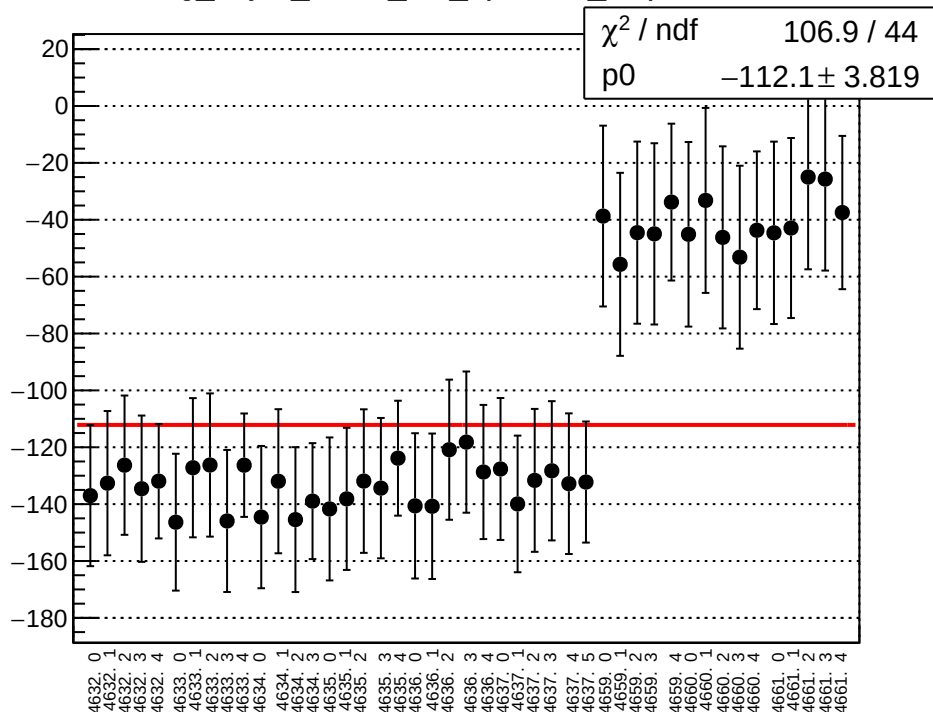
reg_asym_sam8_diff_bpm4aY_slope vs run



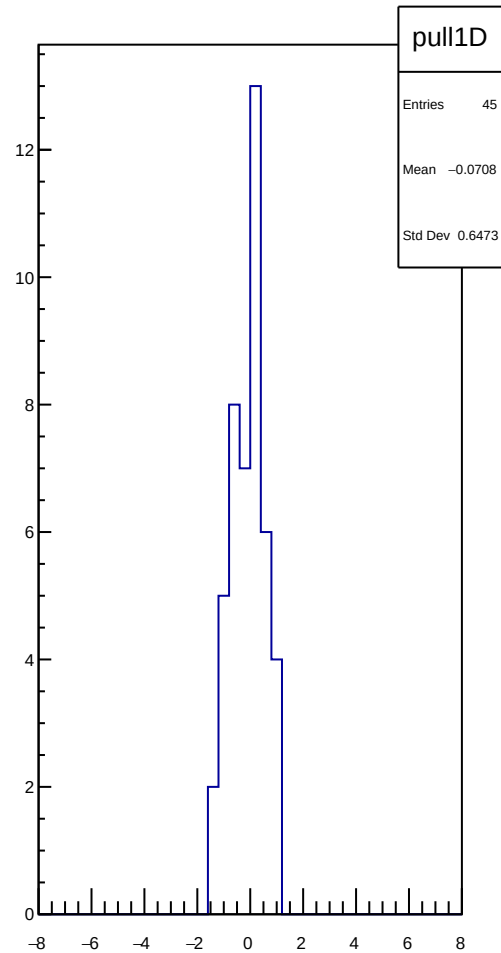
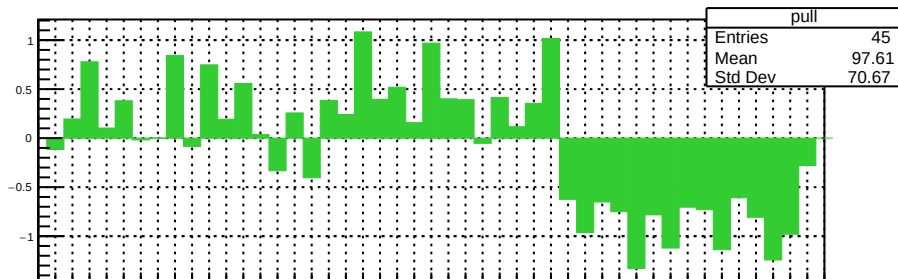
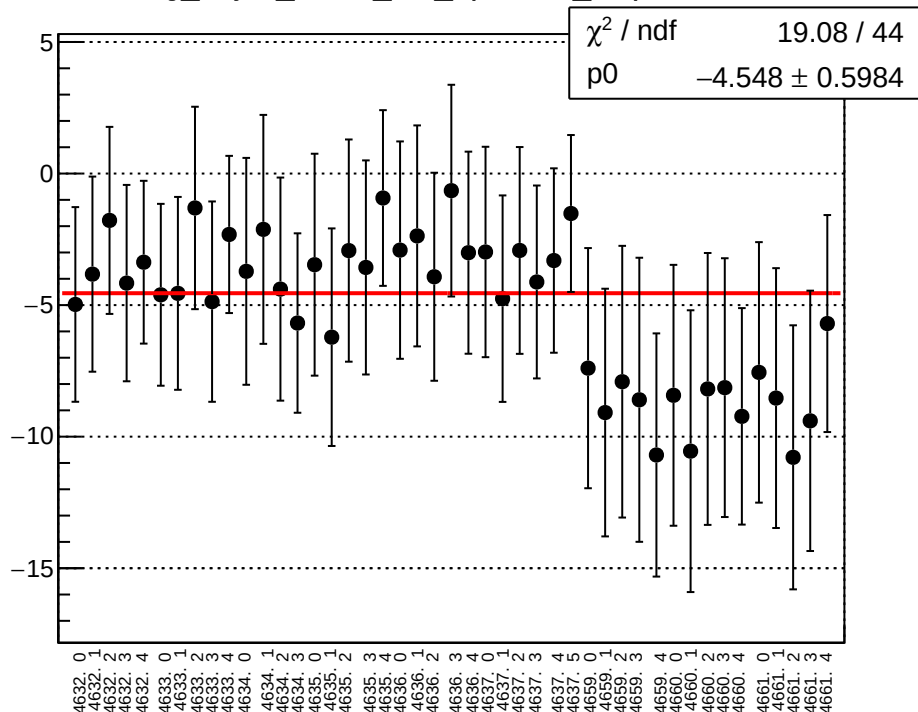
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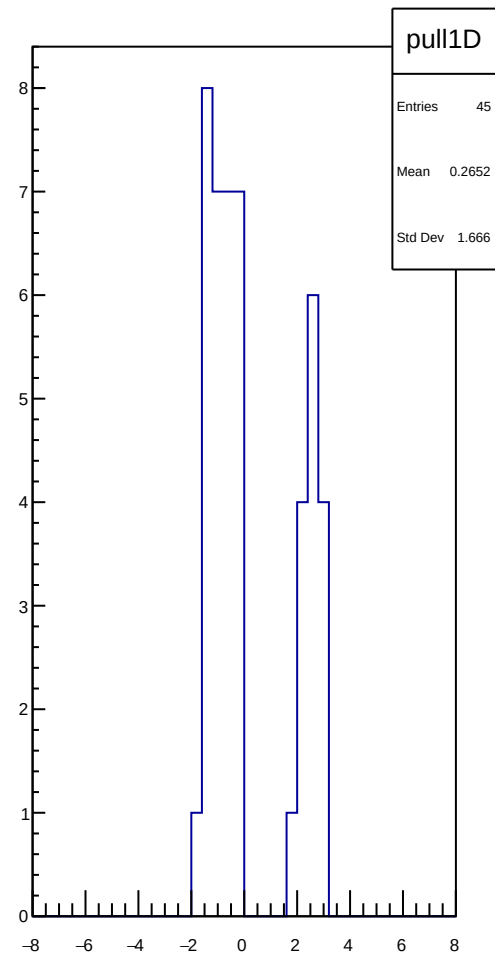
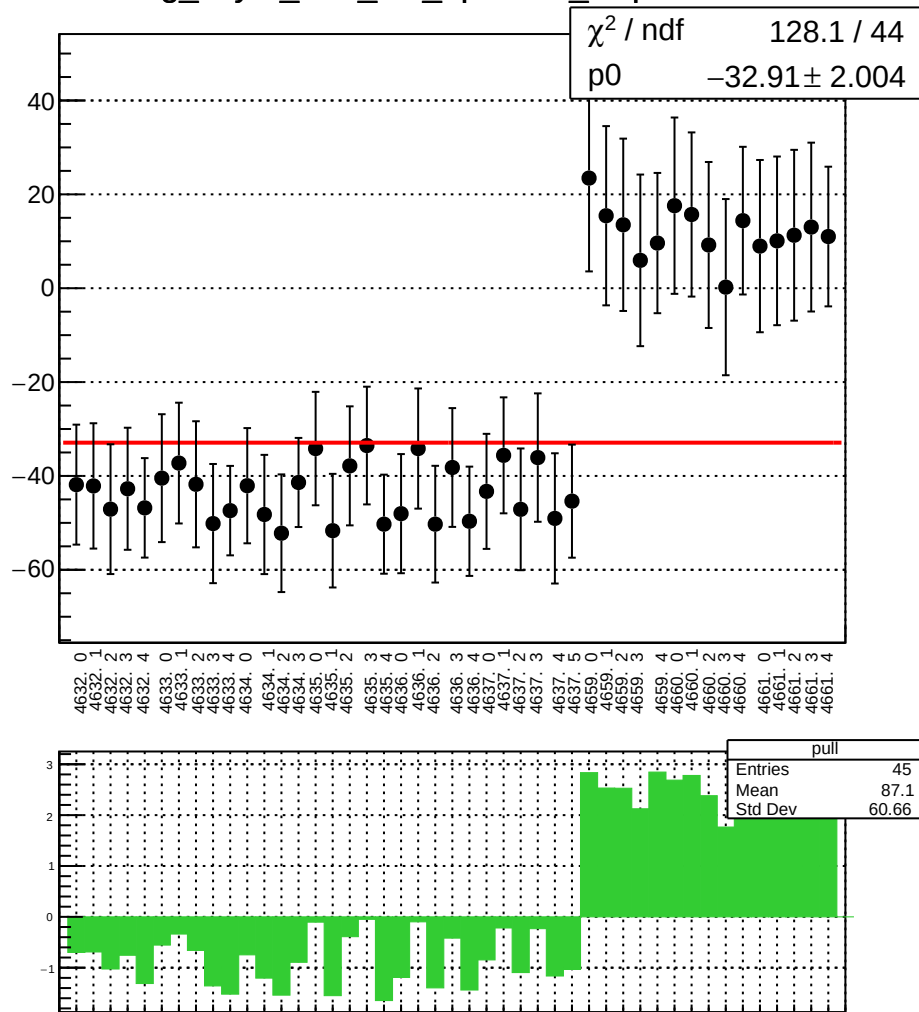
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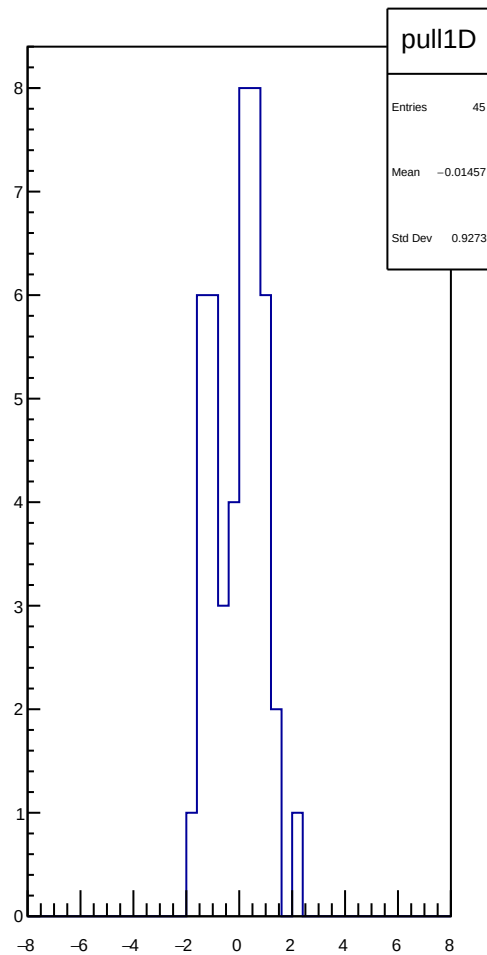
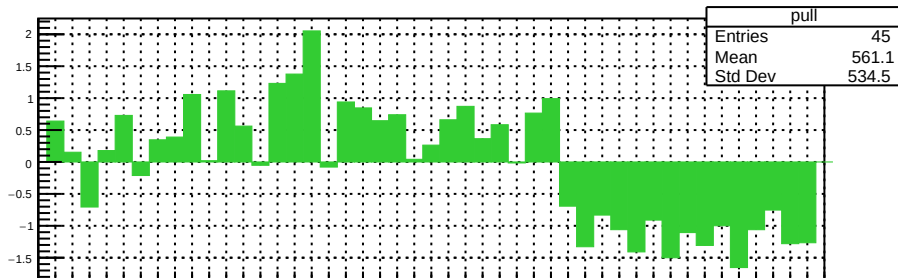
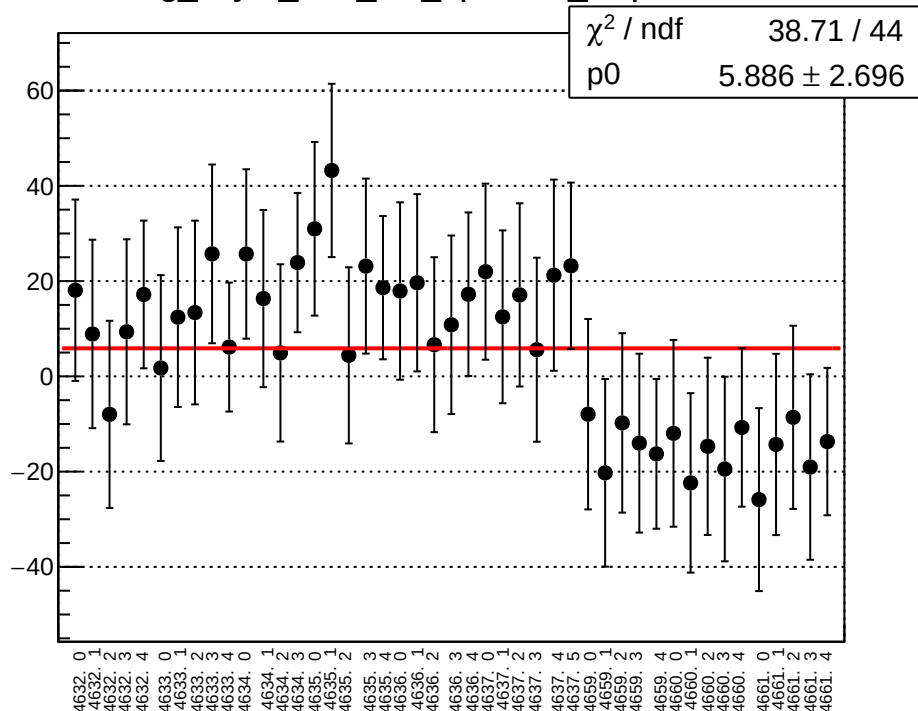
reg_asym_sam8_diff_bpm11X_slope vs run



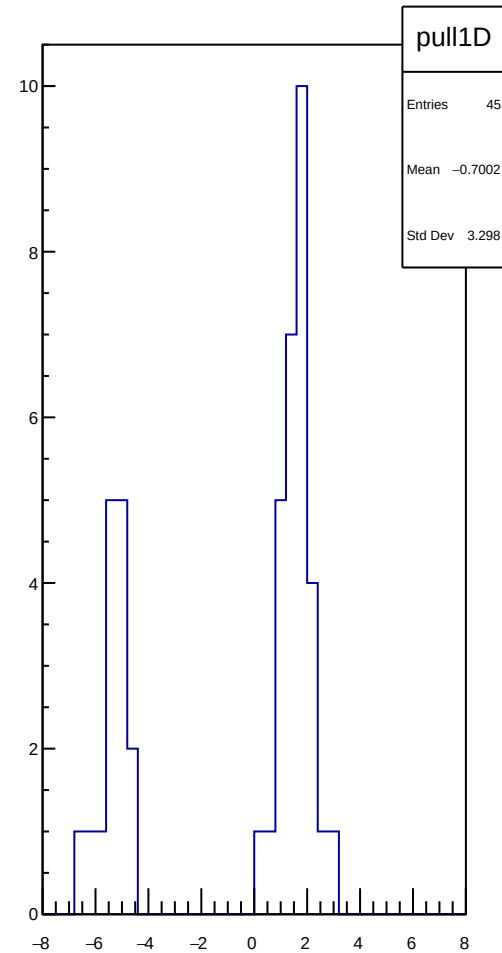
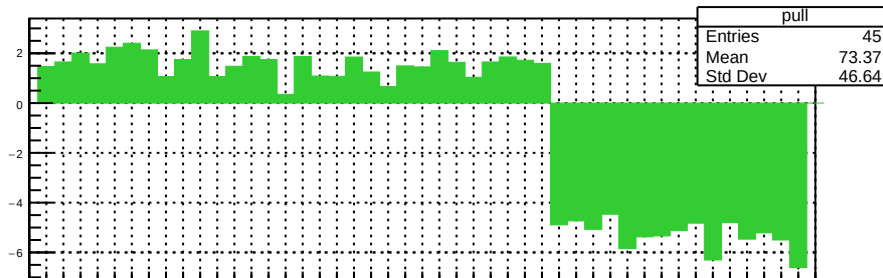
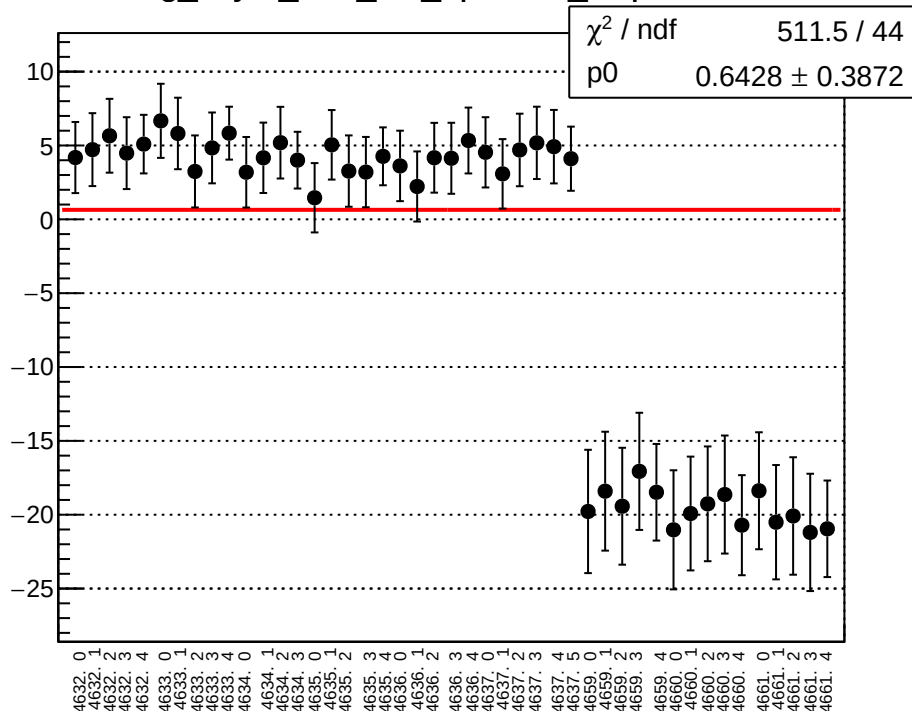
reg_asym_atr1_diff_bpm4aX_slope vs run



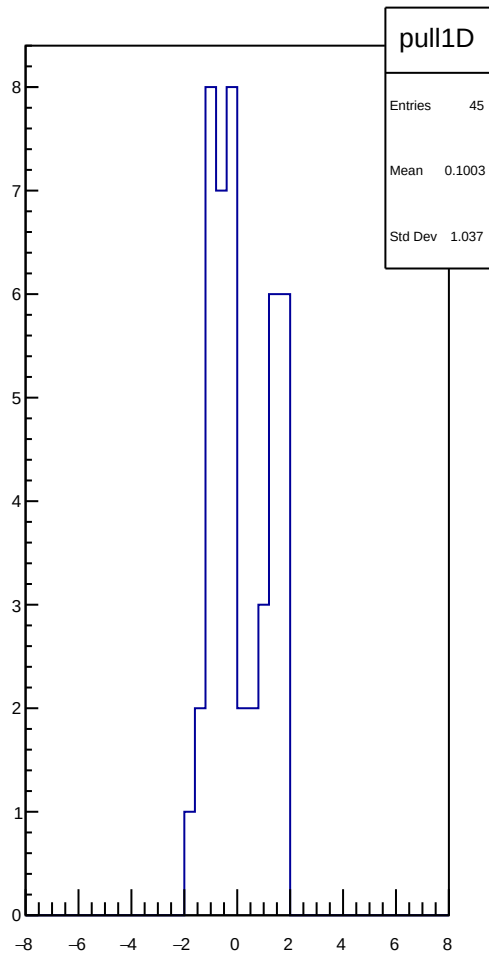
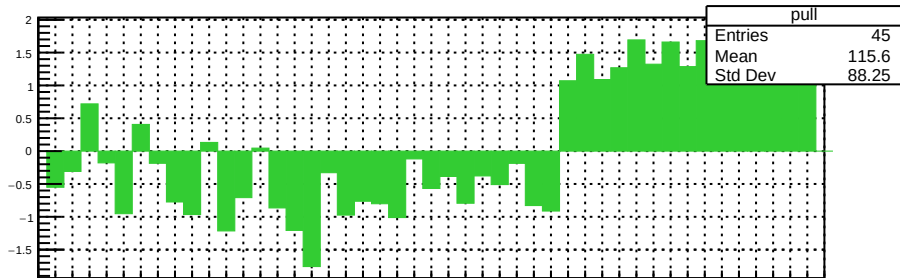
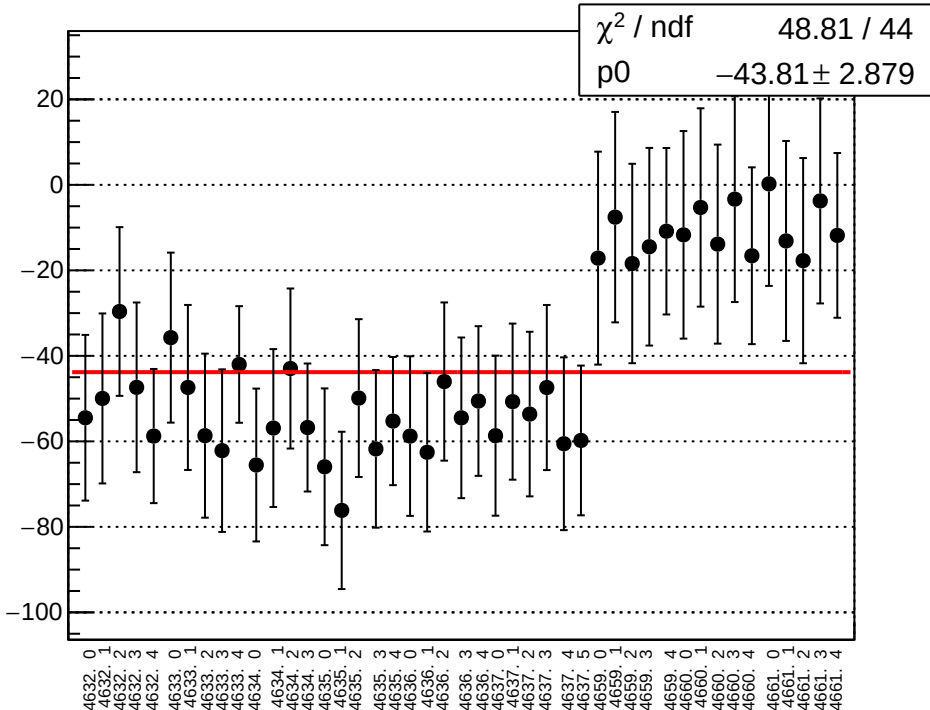
reg_asym_atr1_diff_bpm4aY_slope vs run



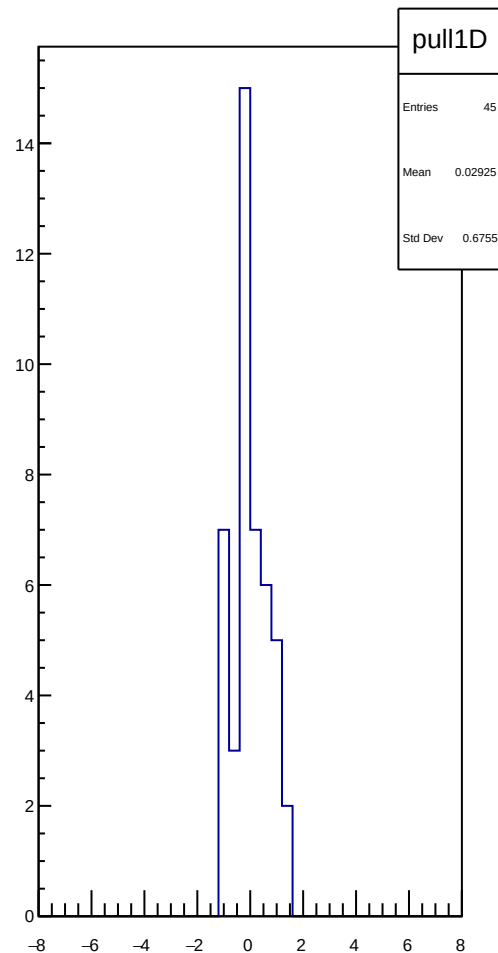
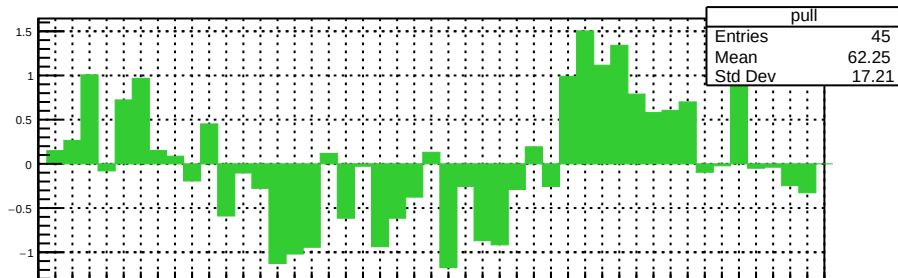
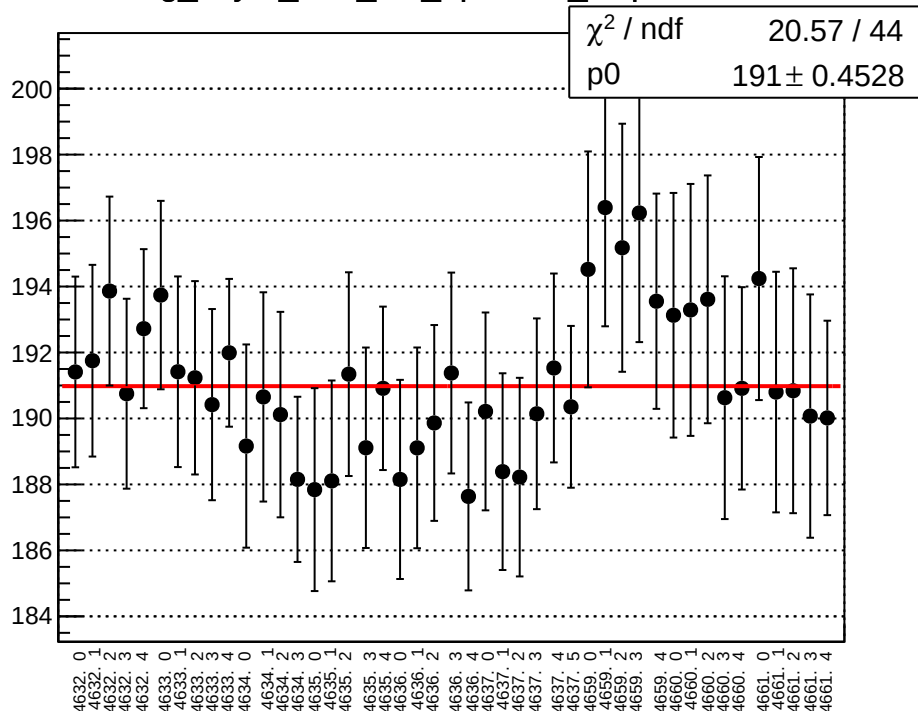
reg_asym_atr1_diff_bpm4eX_slope vs run



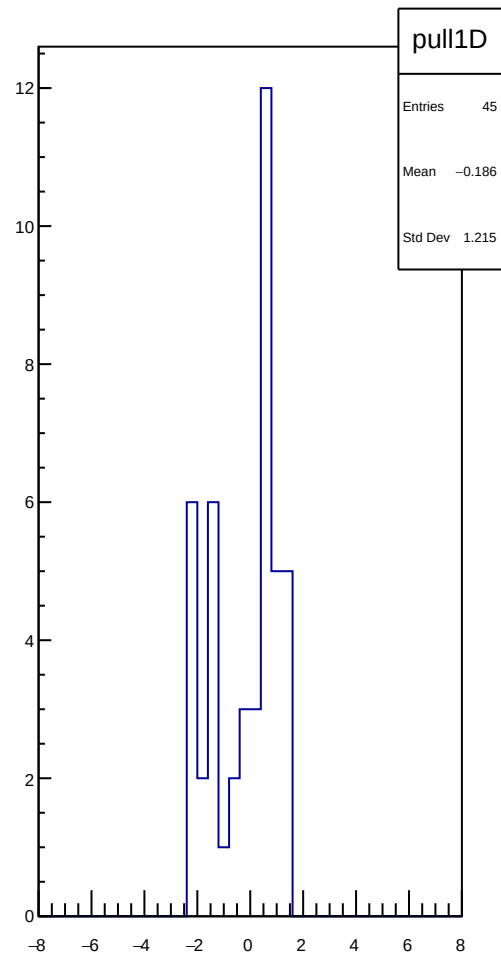
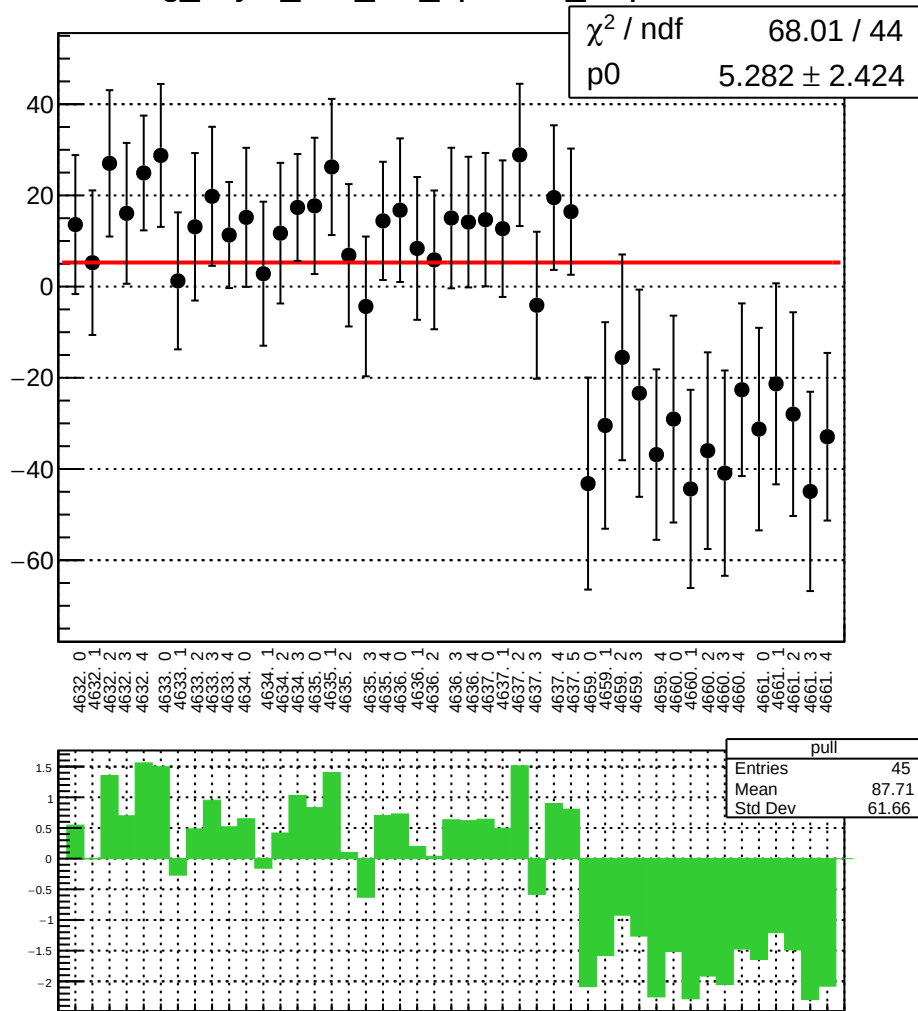
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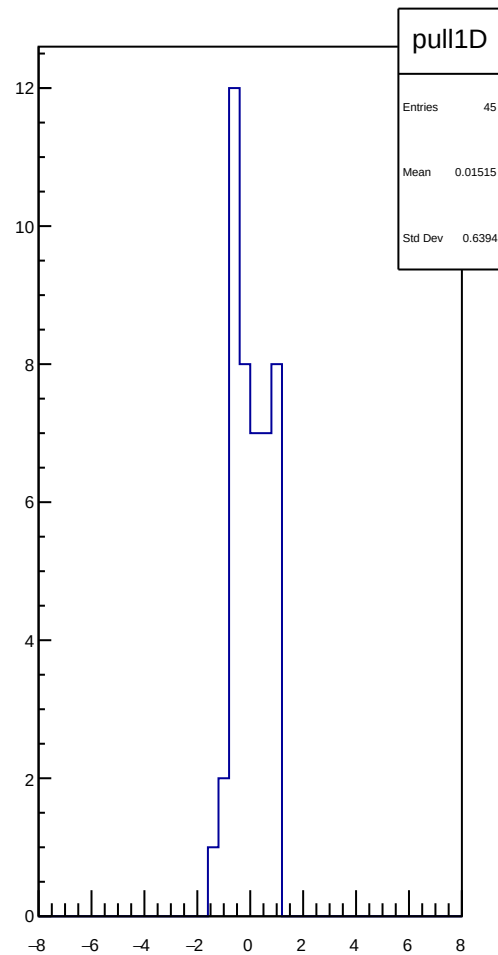
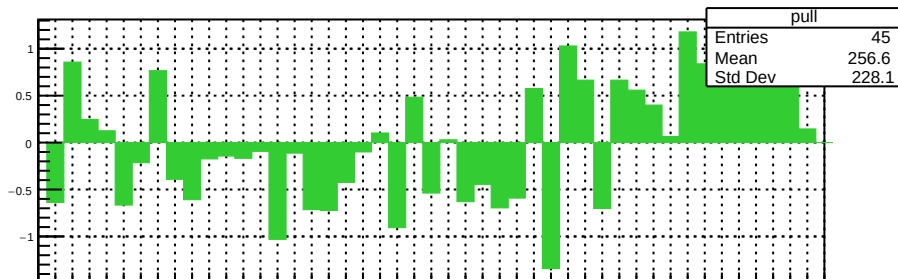
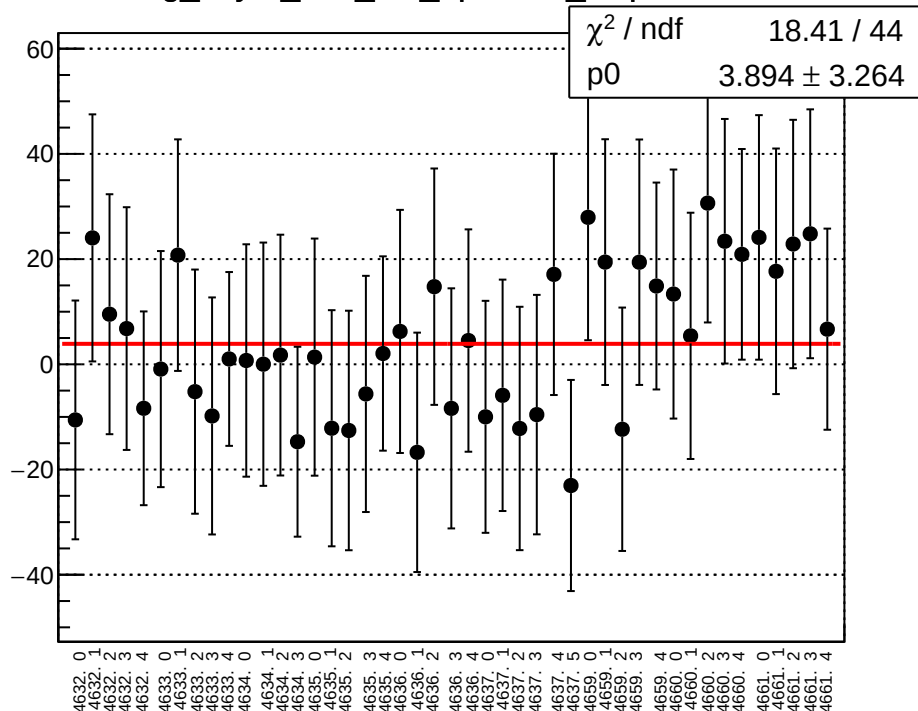
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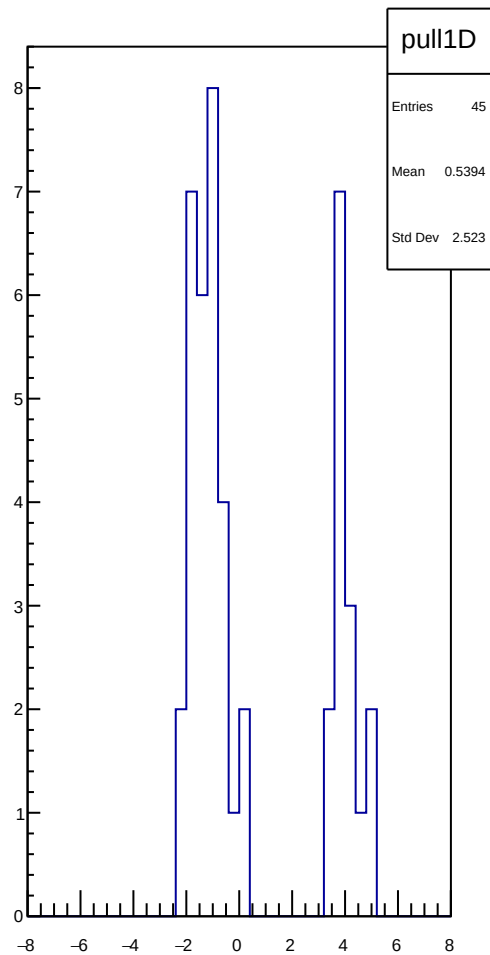
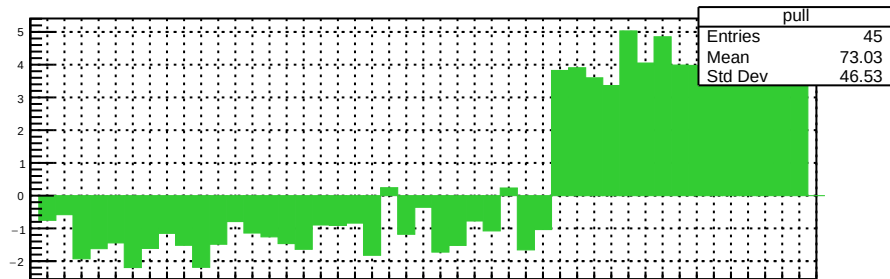
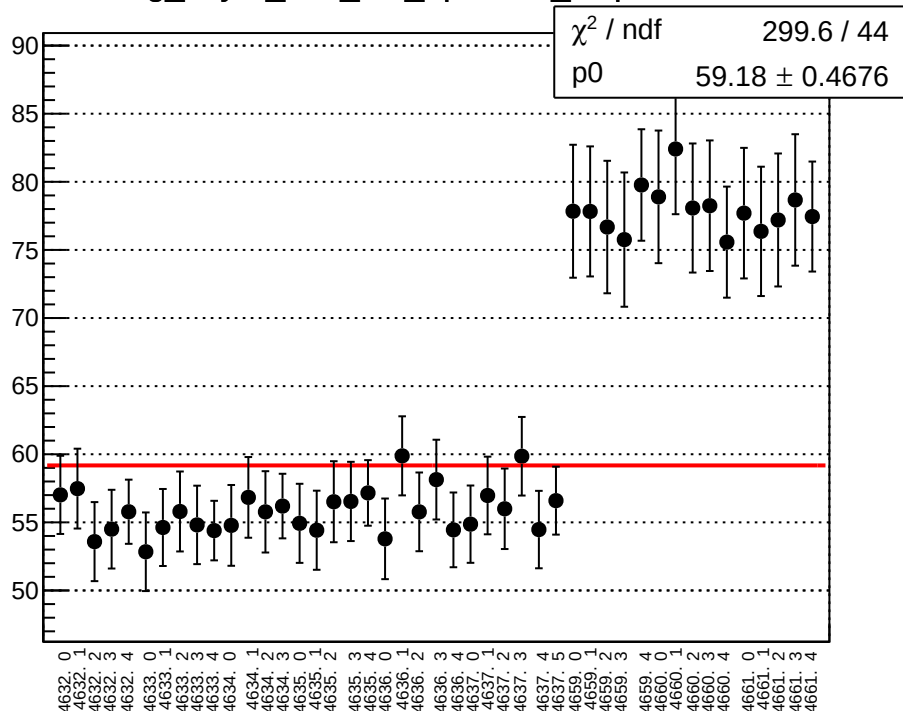
reg_asym_atl1_diff_bpm4aX_slope vs run



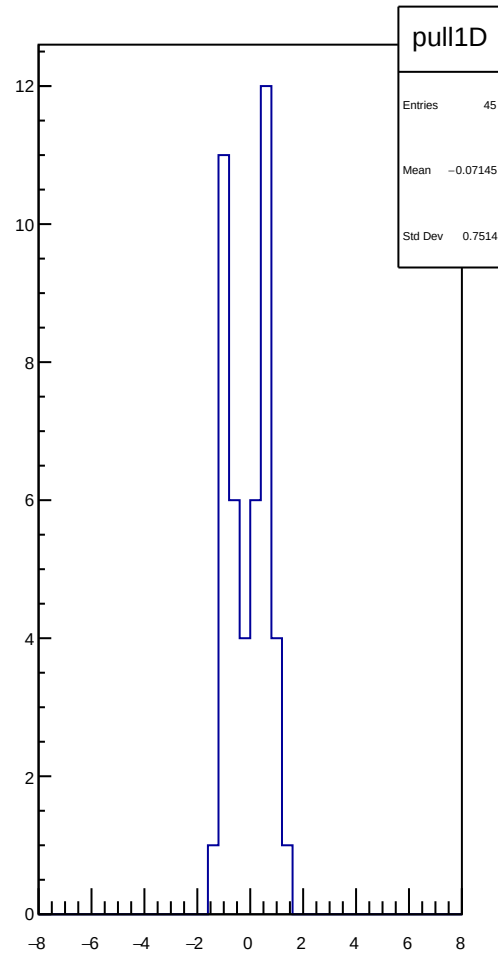
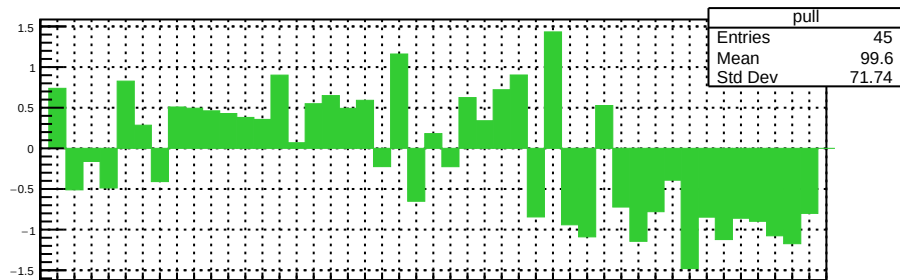
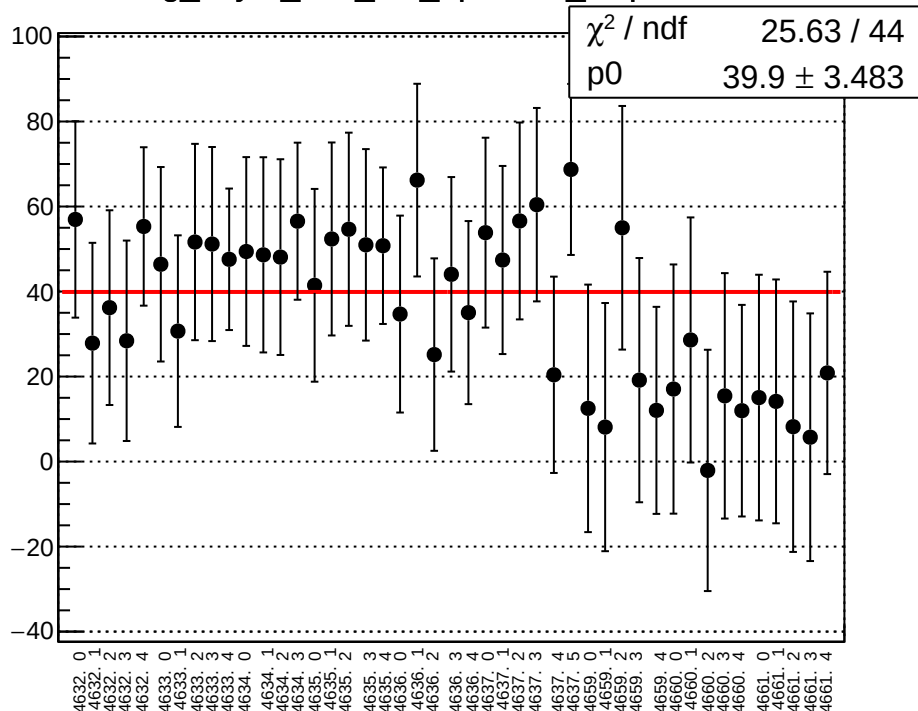
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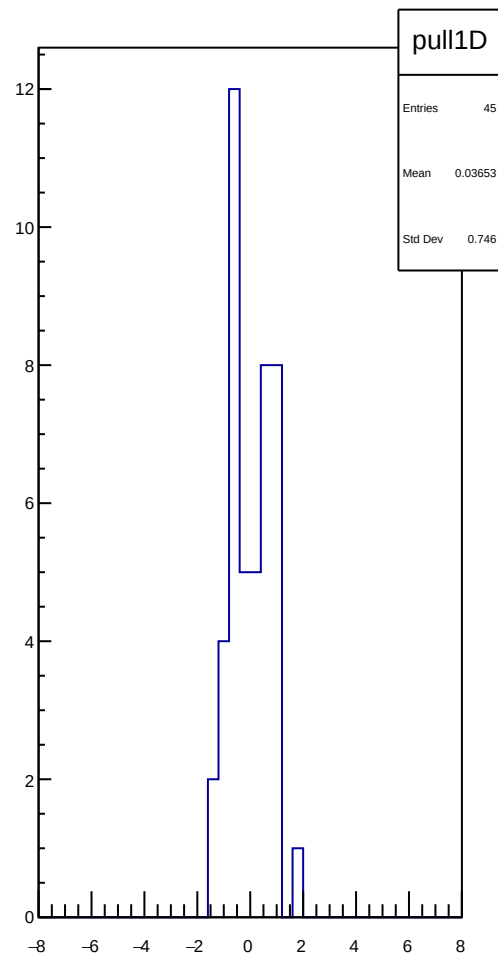
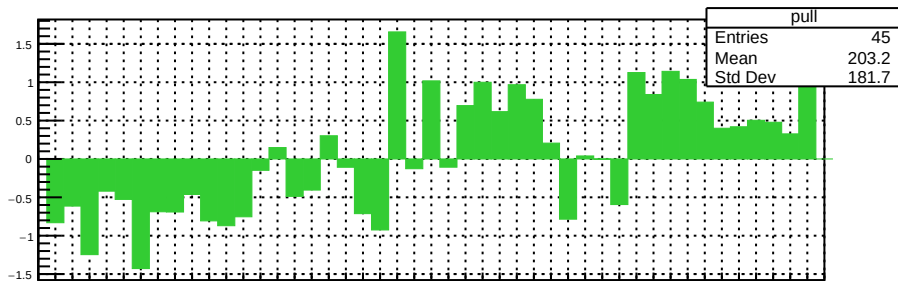
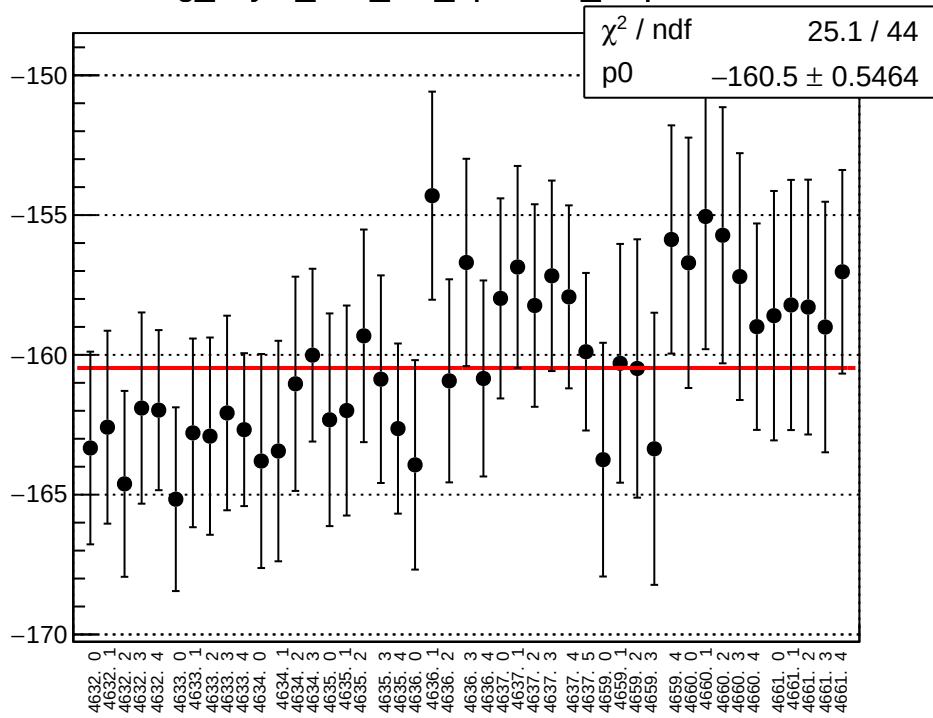
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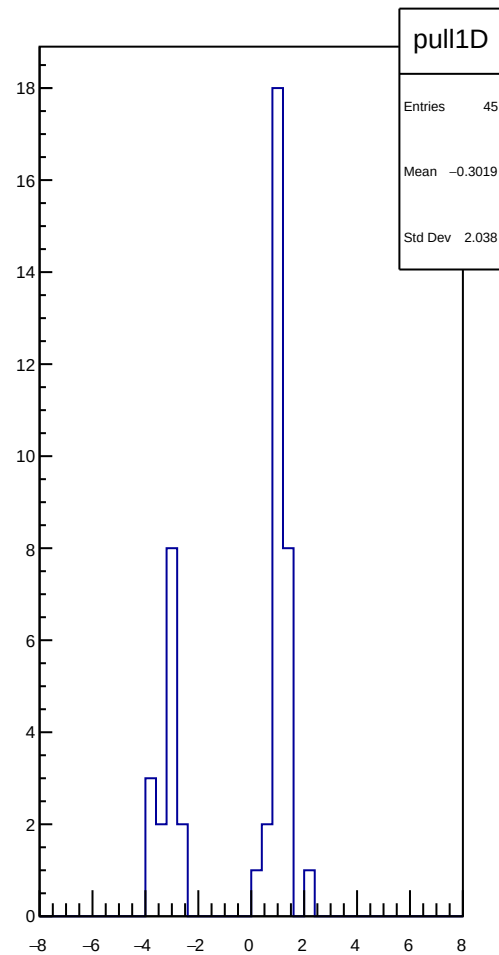
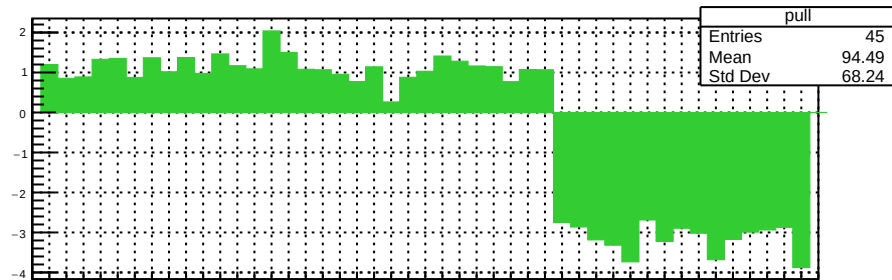
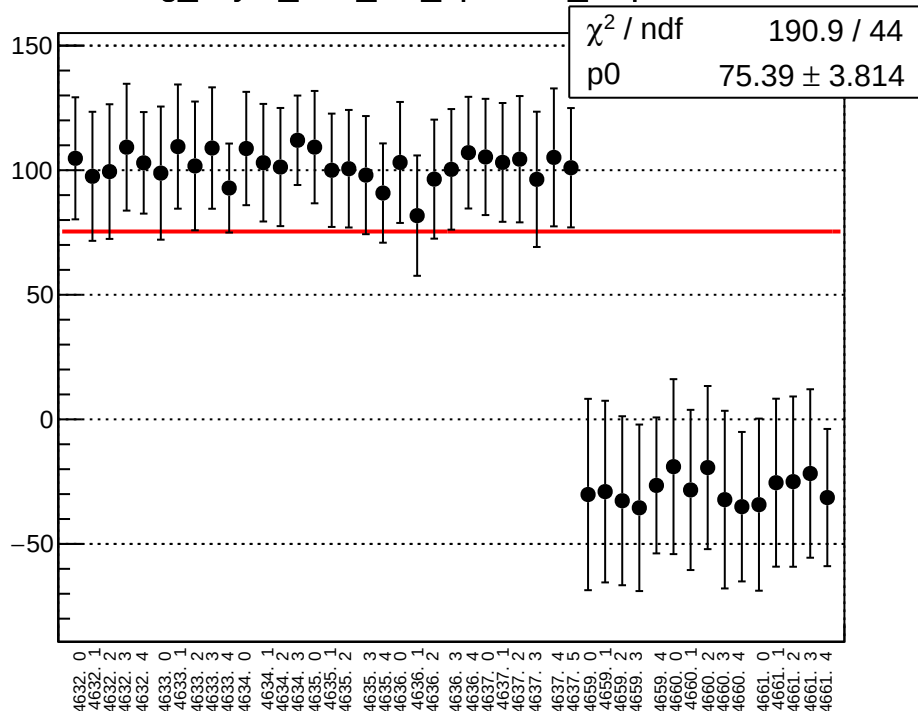
reg_asym_atl1_diff_bpm4eY_slope vs run



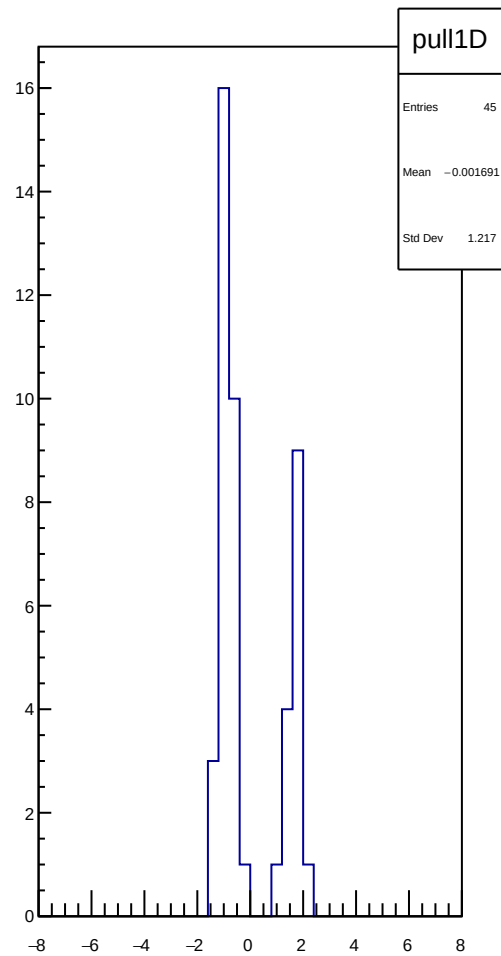
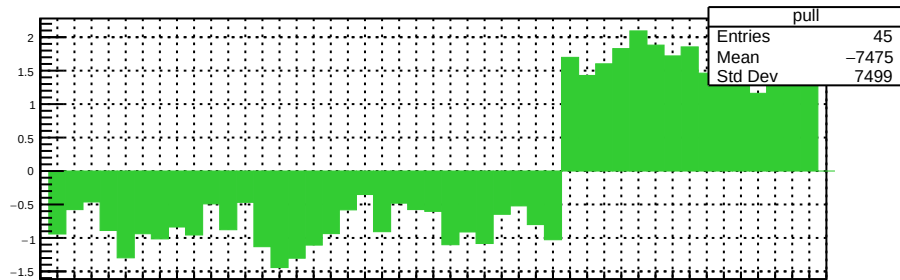
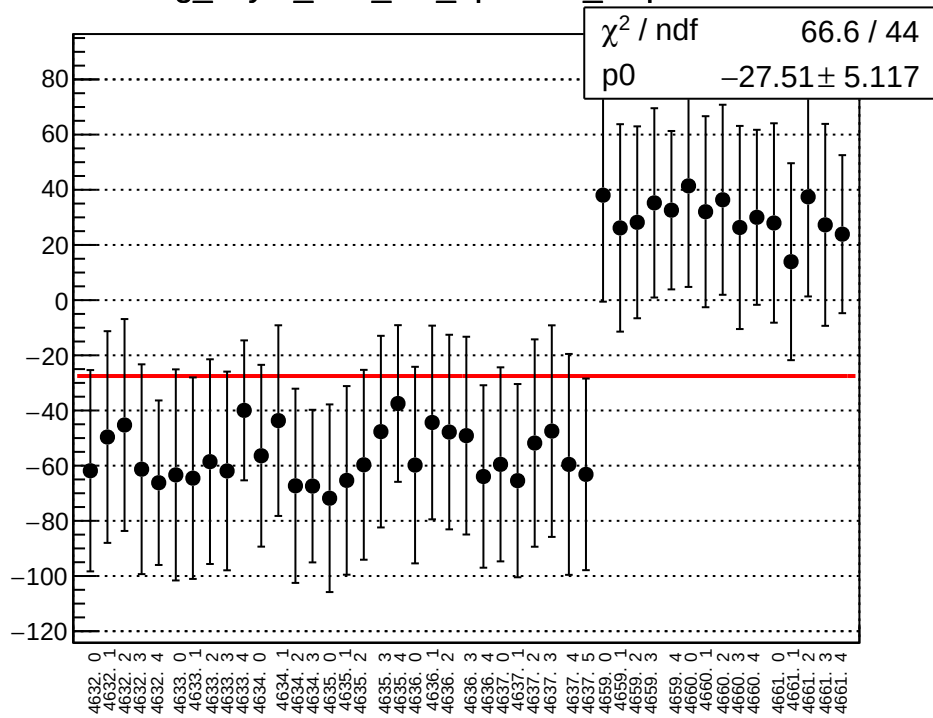
reg_asym_atl1_diff_bpm11X_slope vs run



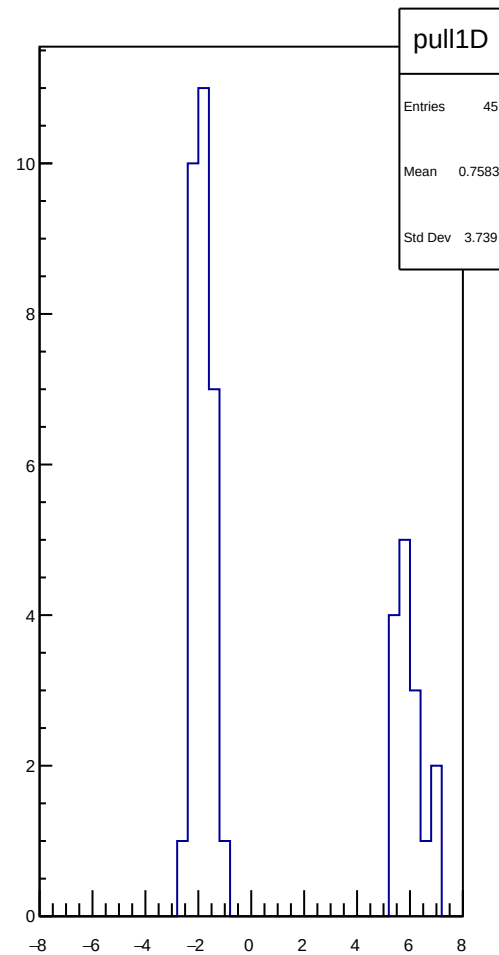
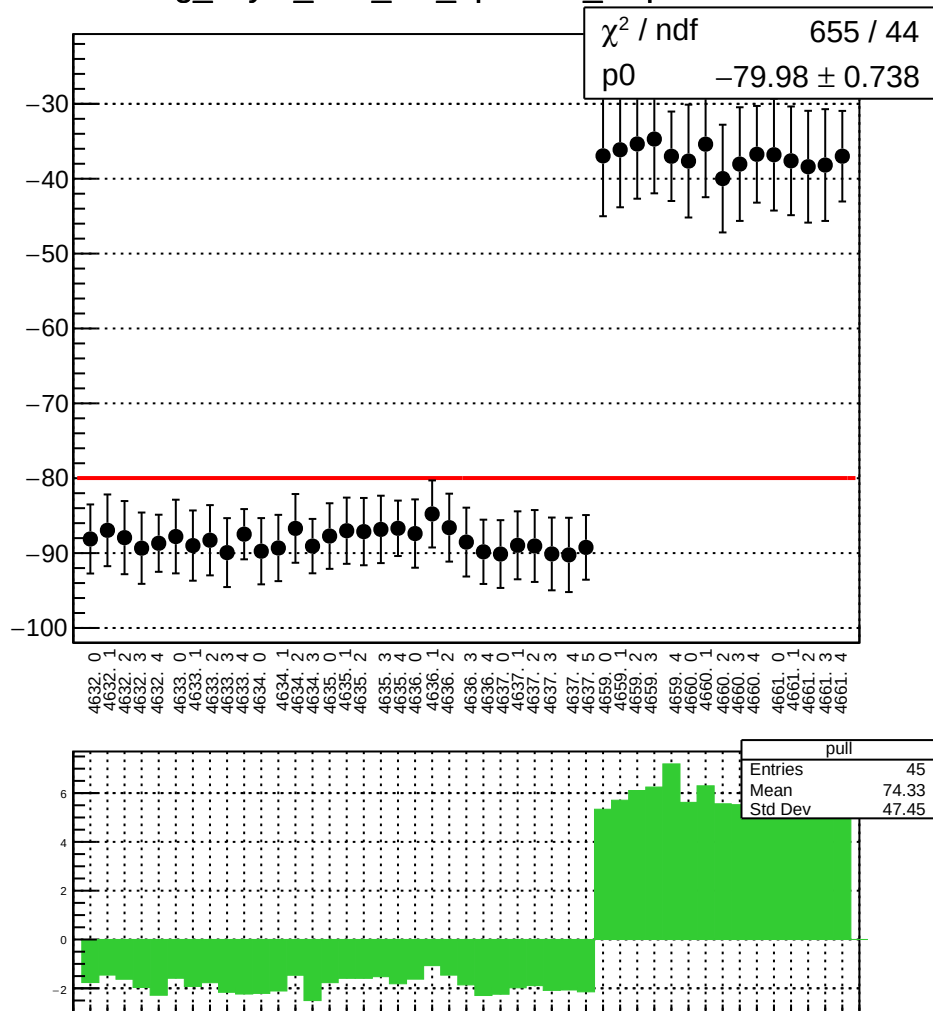
reg_asym_atr2_diff_bpm4aX_slope vs run



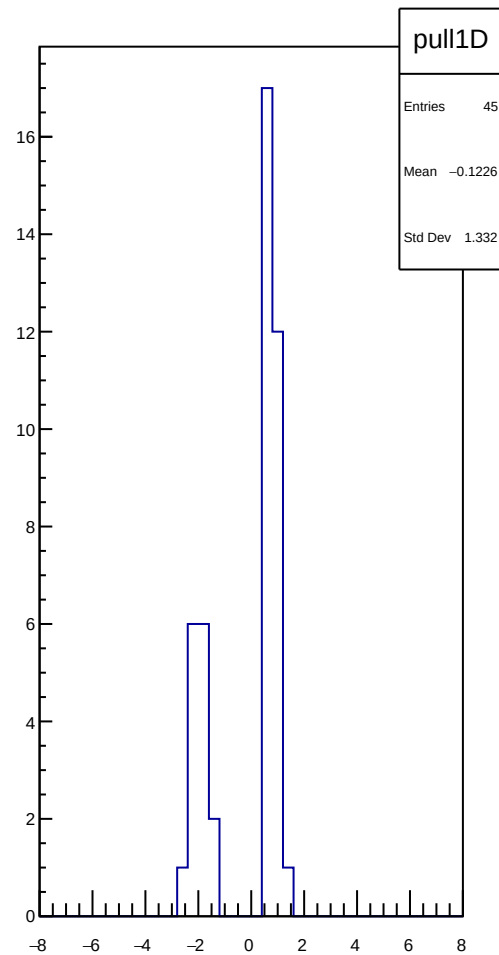
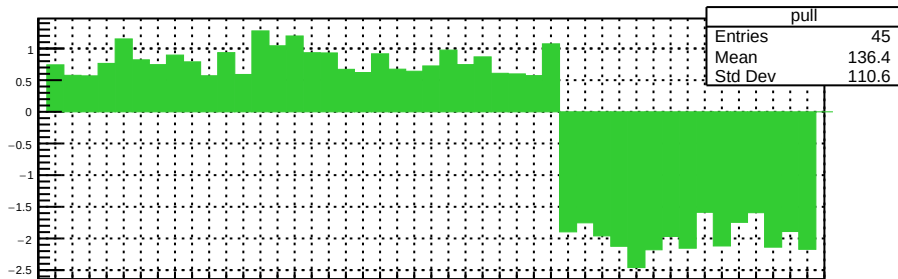
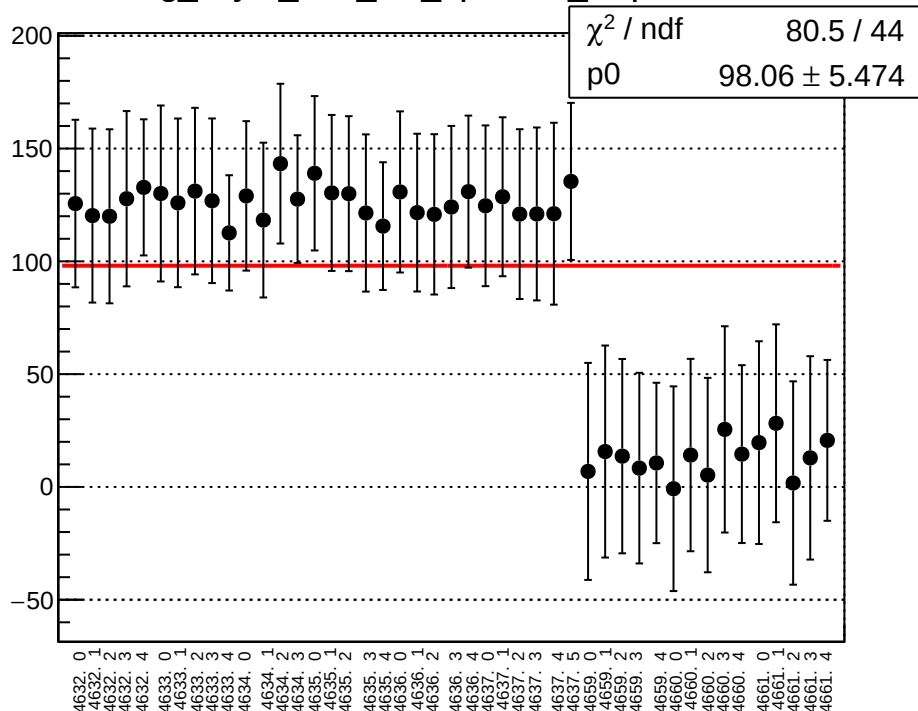
reg_asym_atr2_diff_bpm4aY_slope vs run



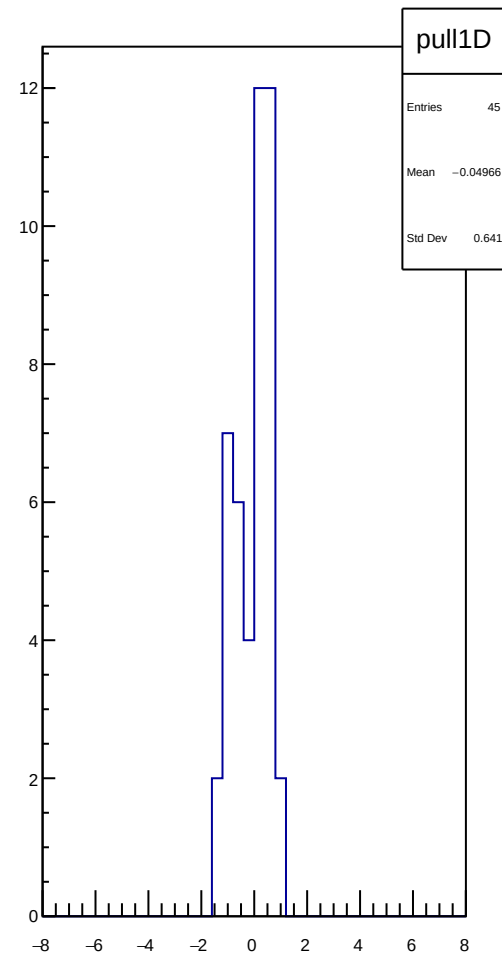
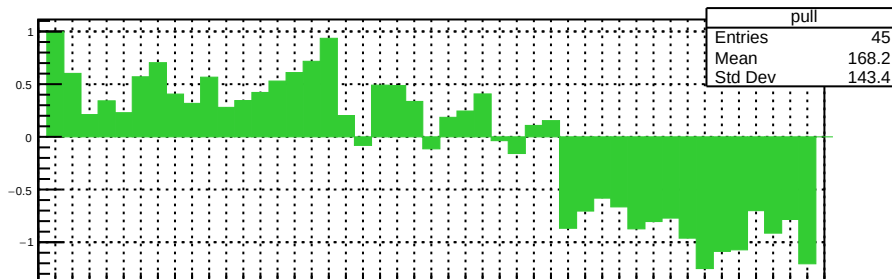
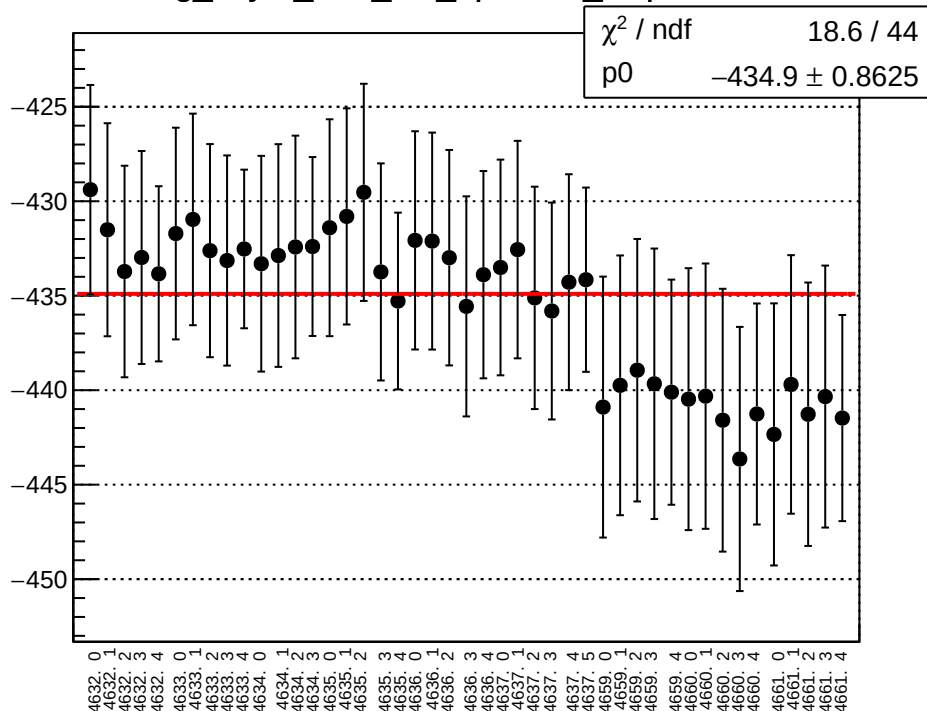
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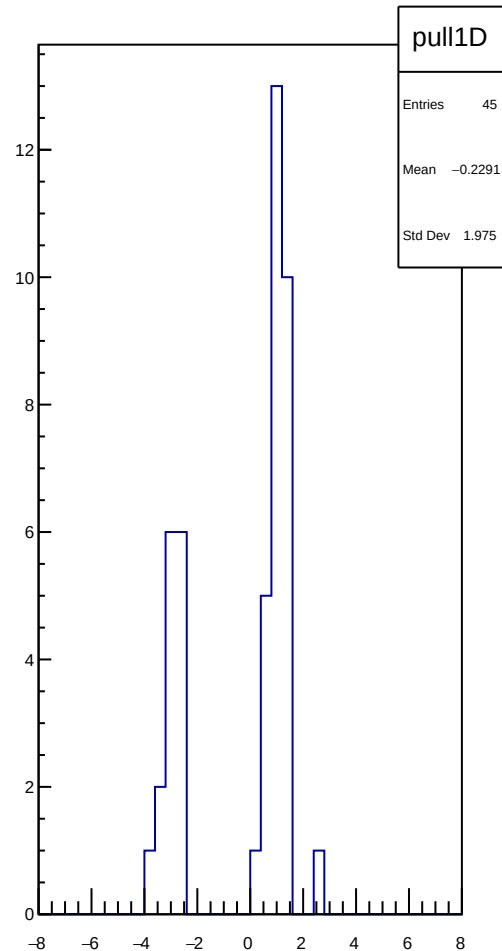
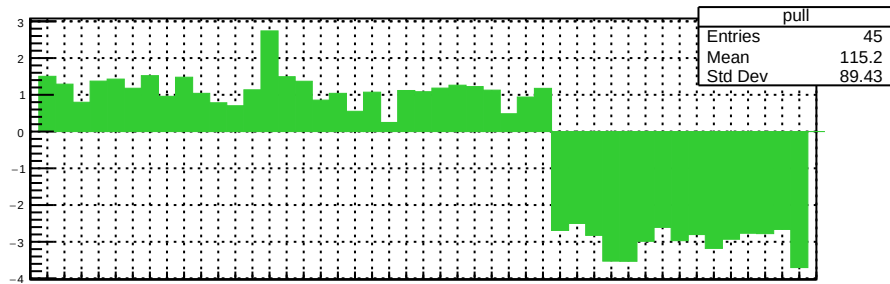
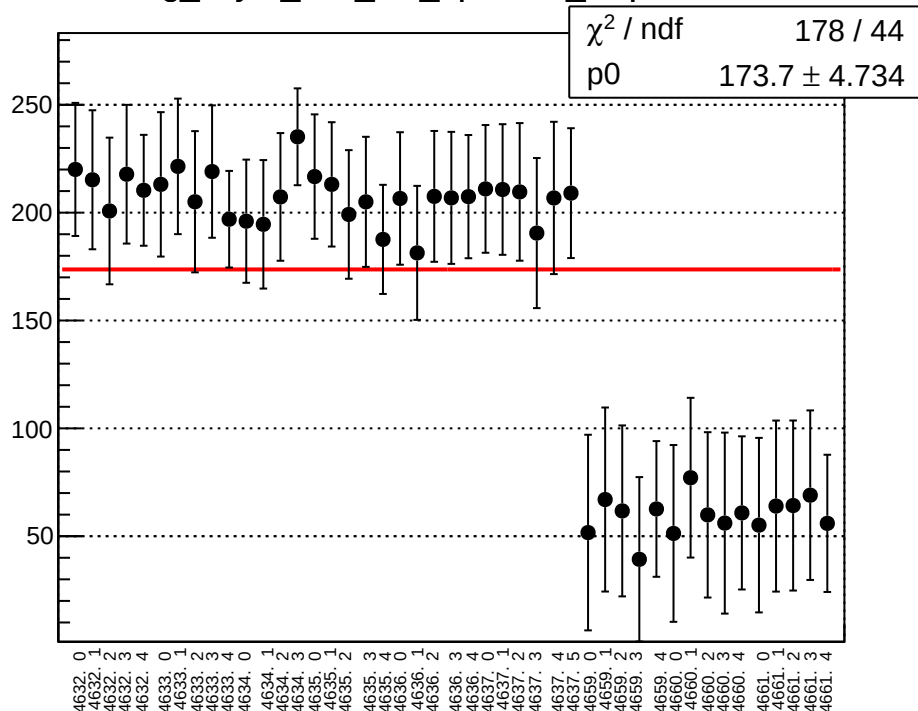
reg_asym_atr2_diff_bpm4eY_slope vs run



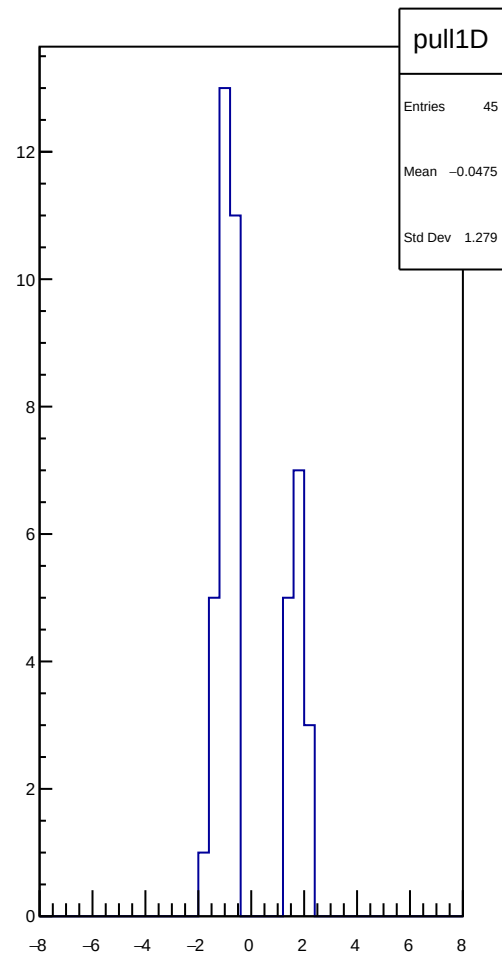
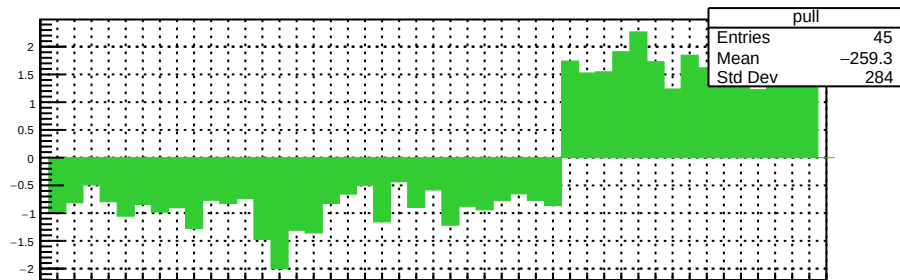
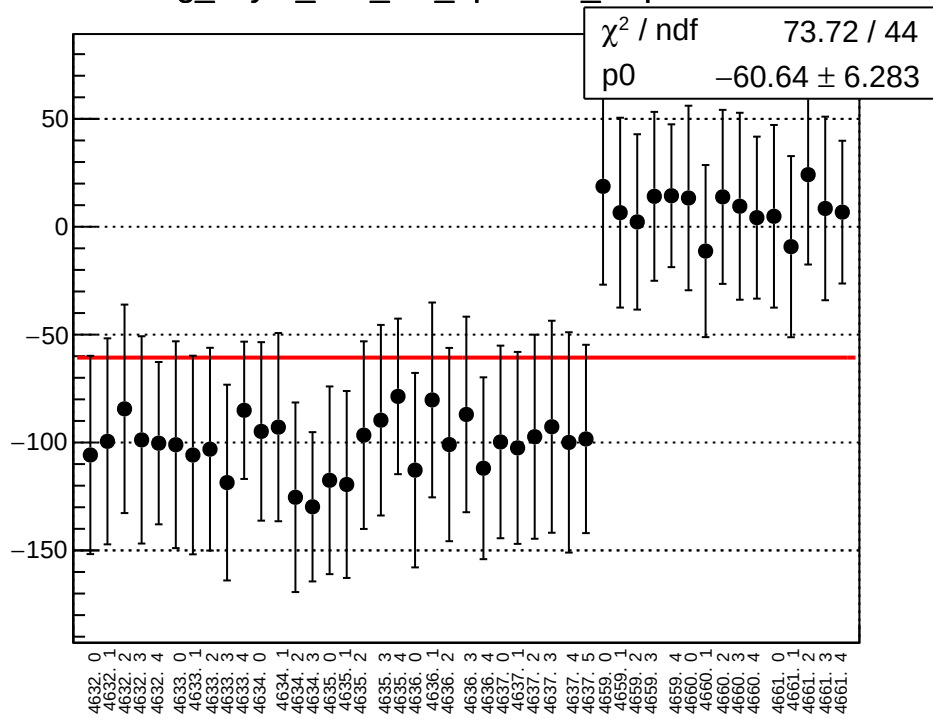
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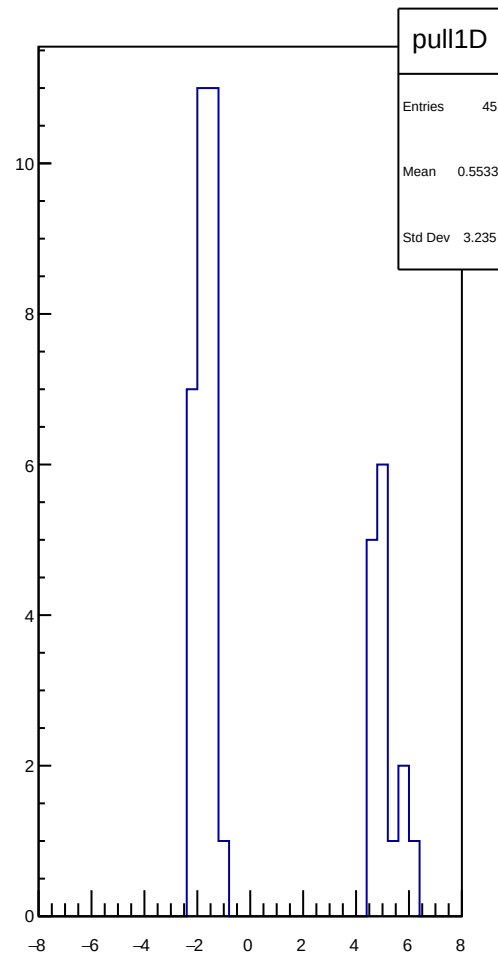
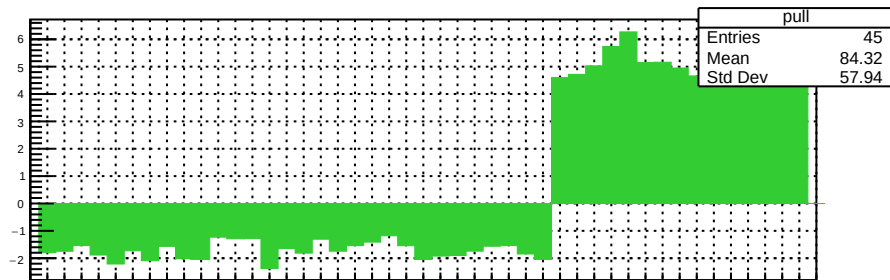
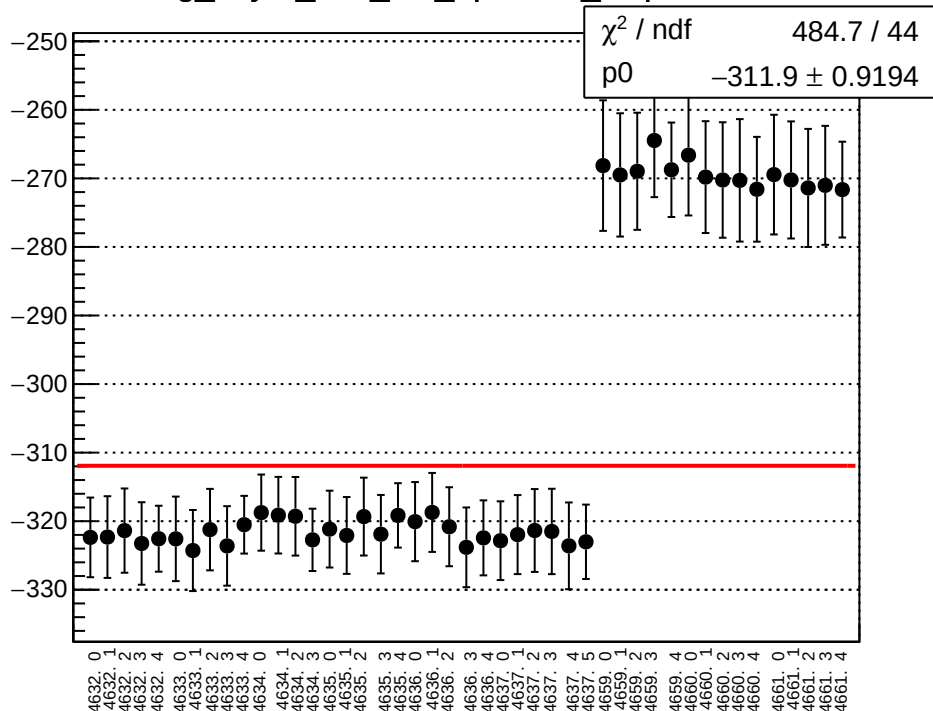
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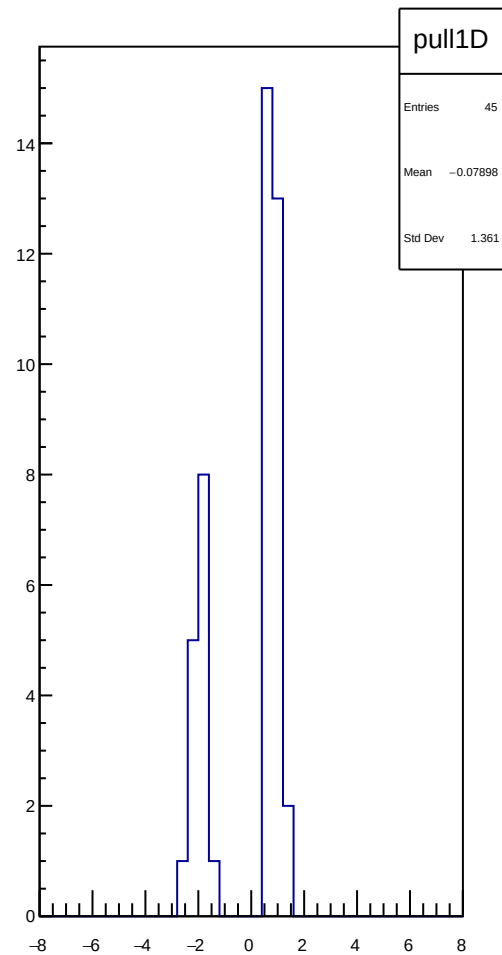
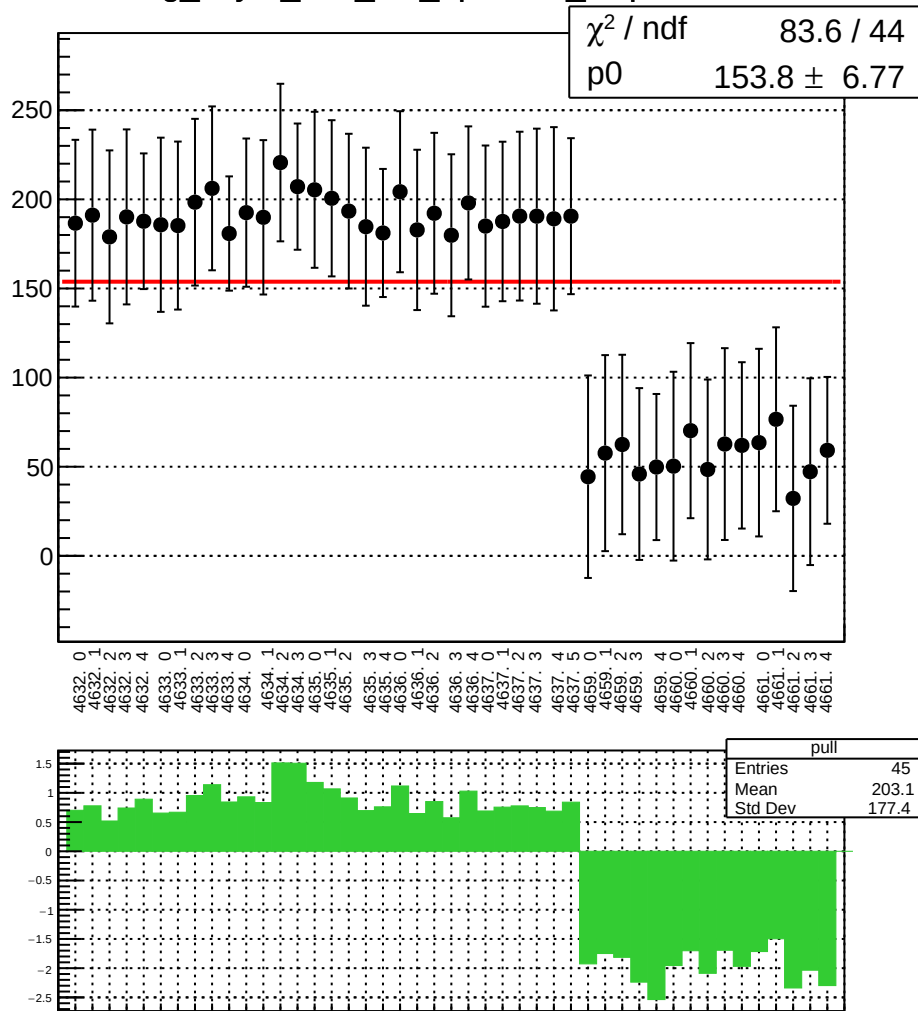
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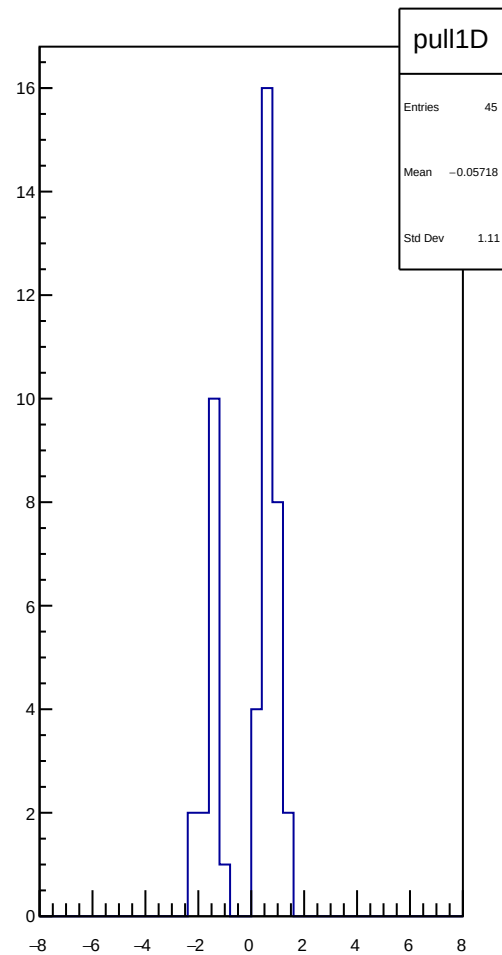
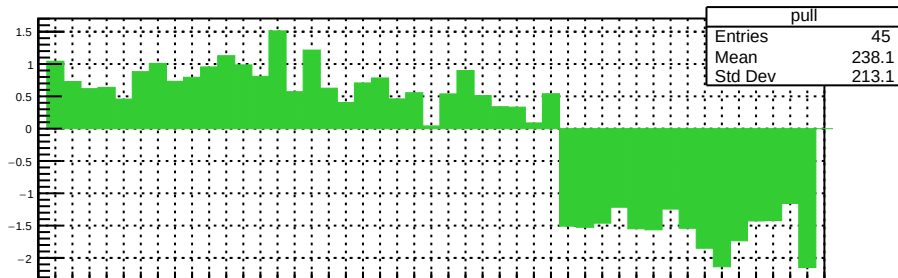
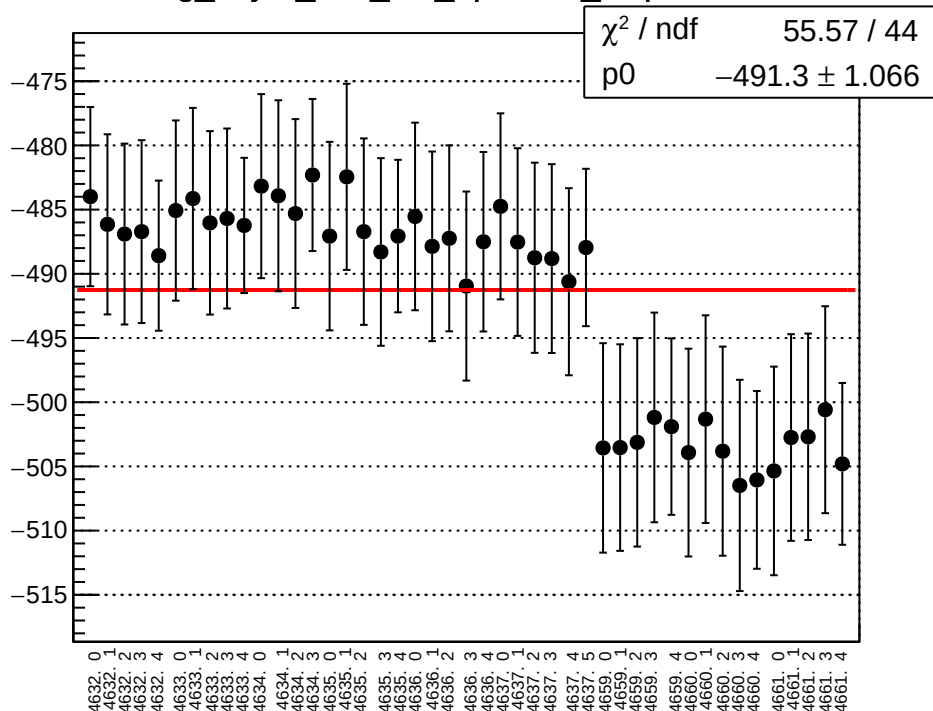
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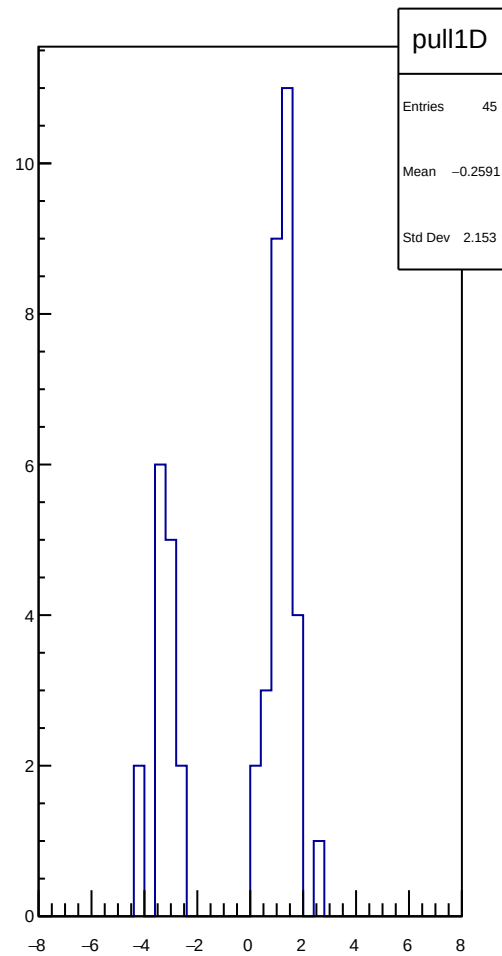
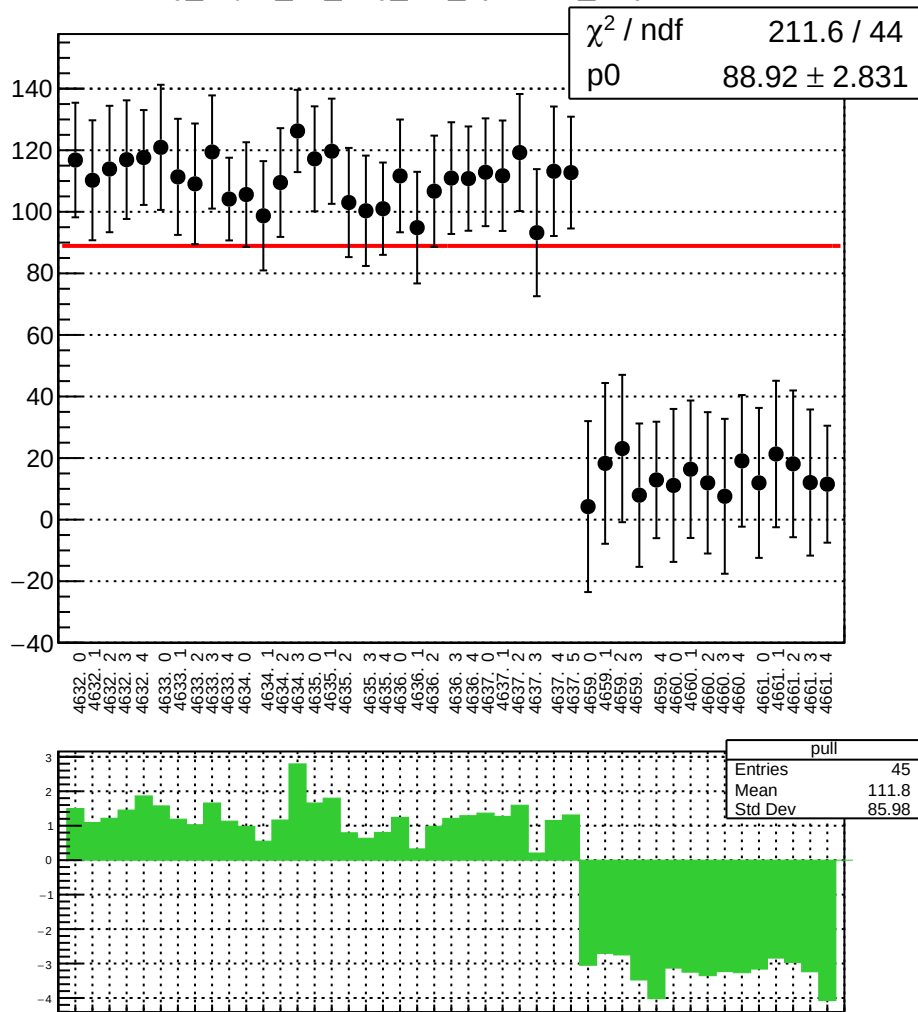
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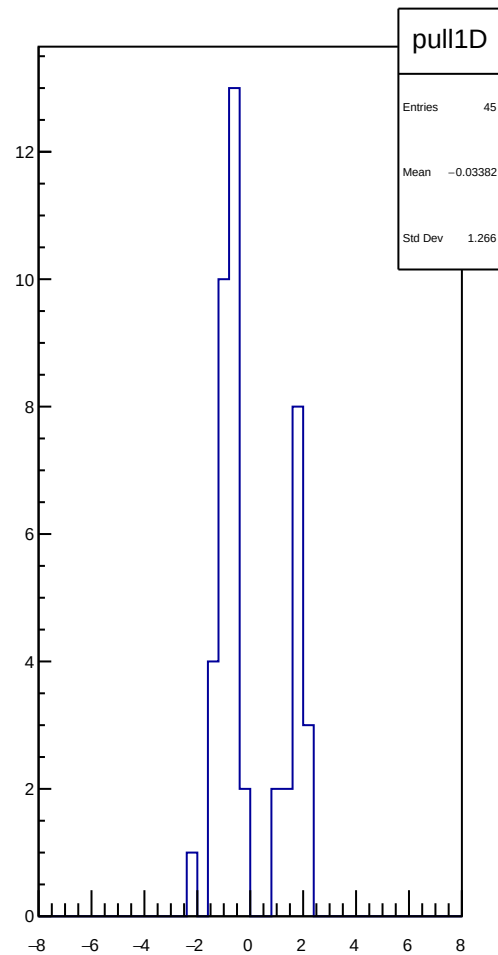
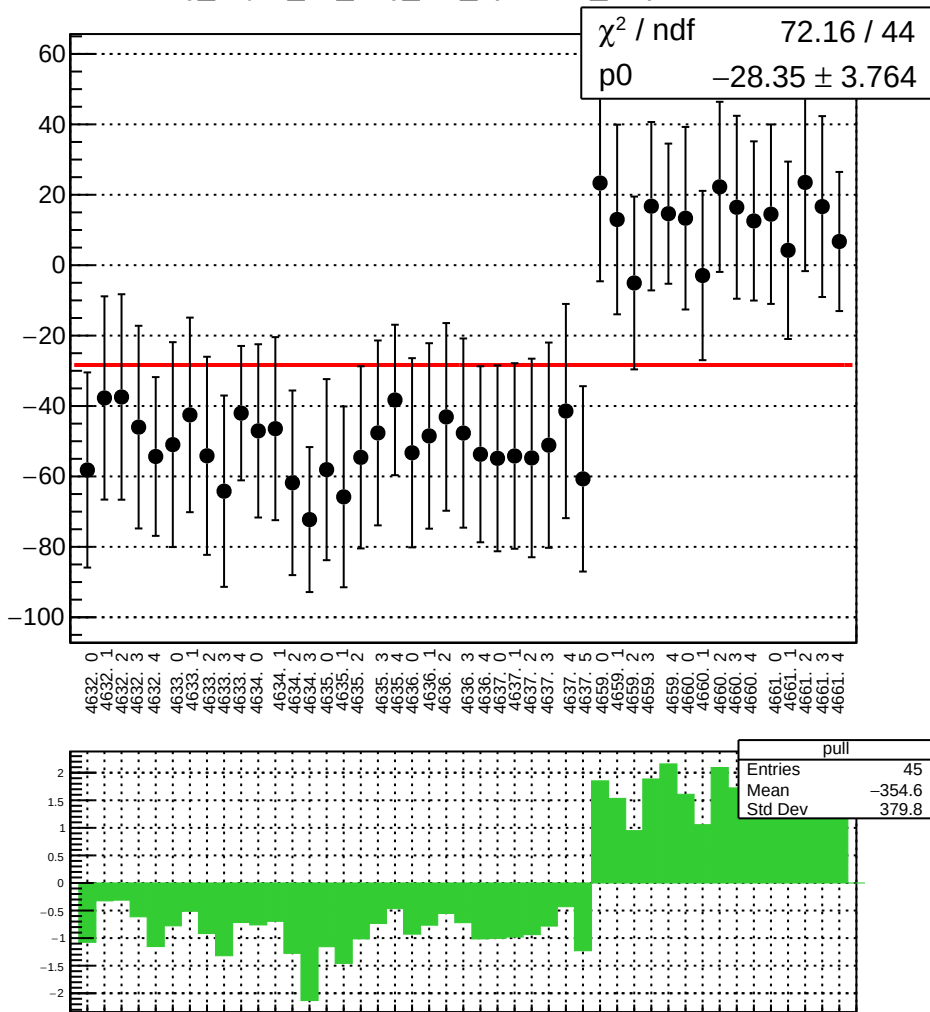
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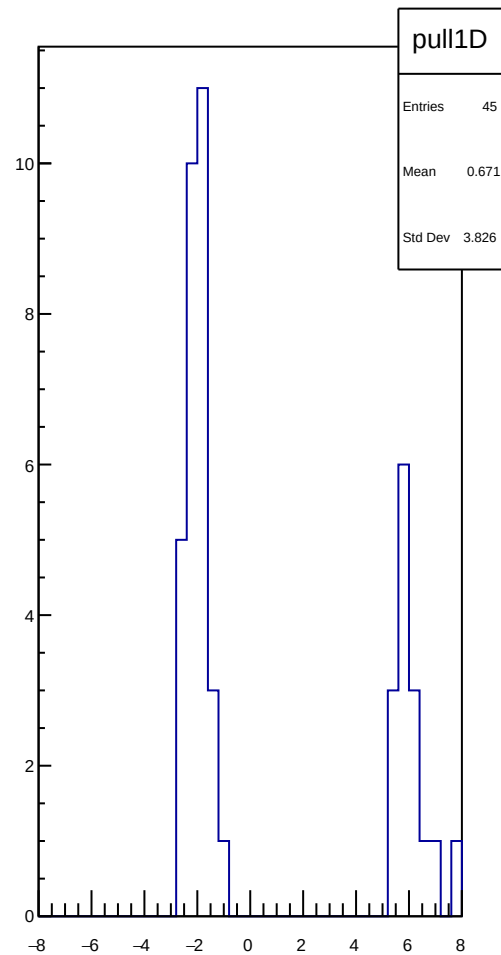
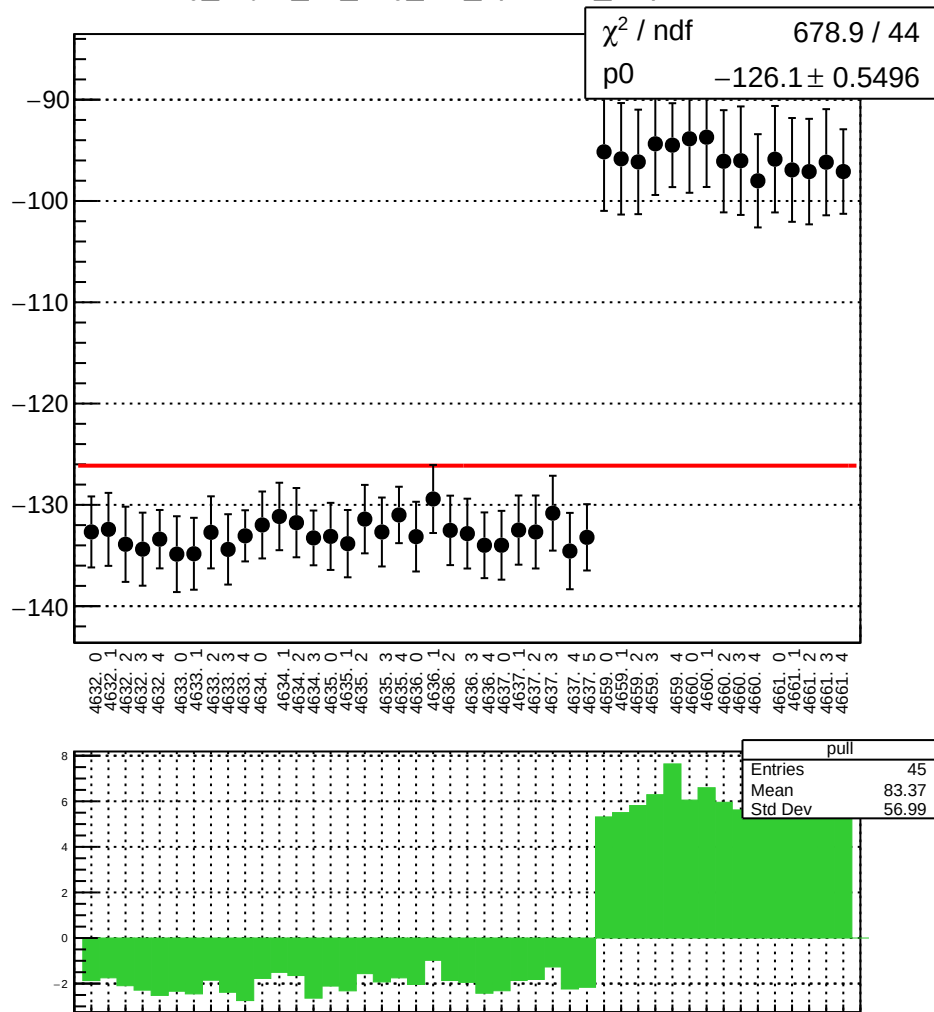
reg_asym_atl_avg_diff_bpm4aX_slope vs run



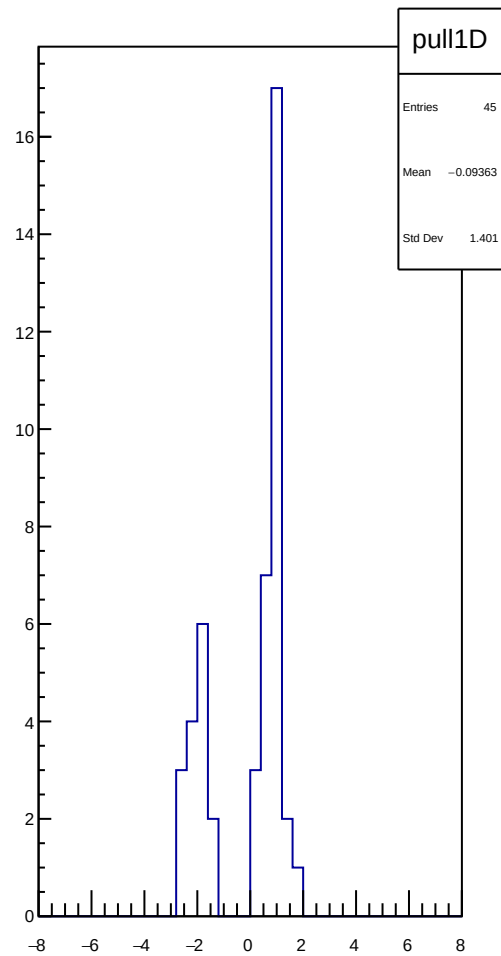
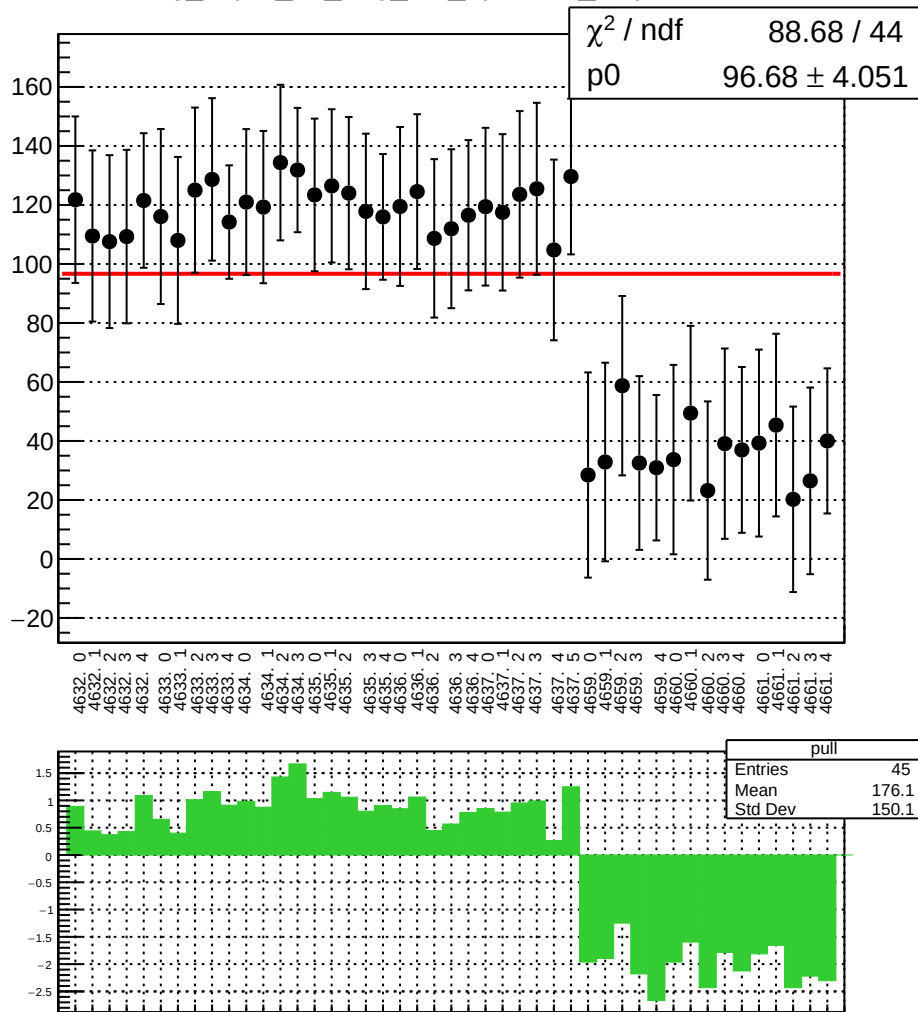
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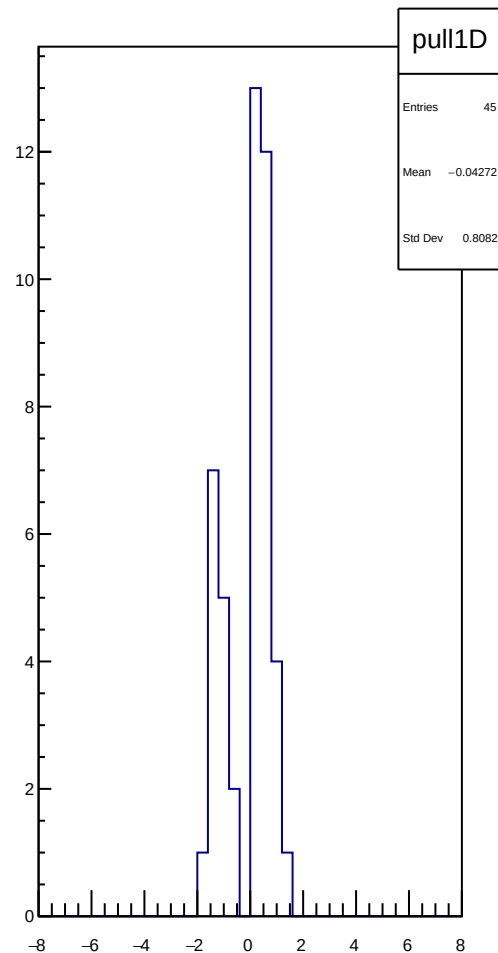
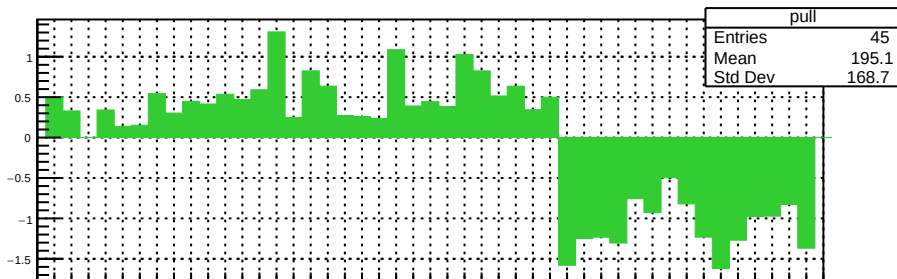
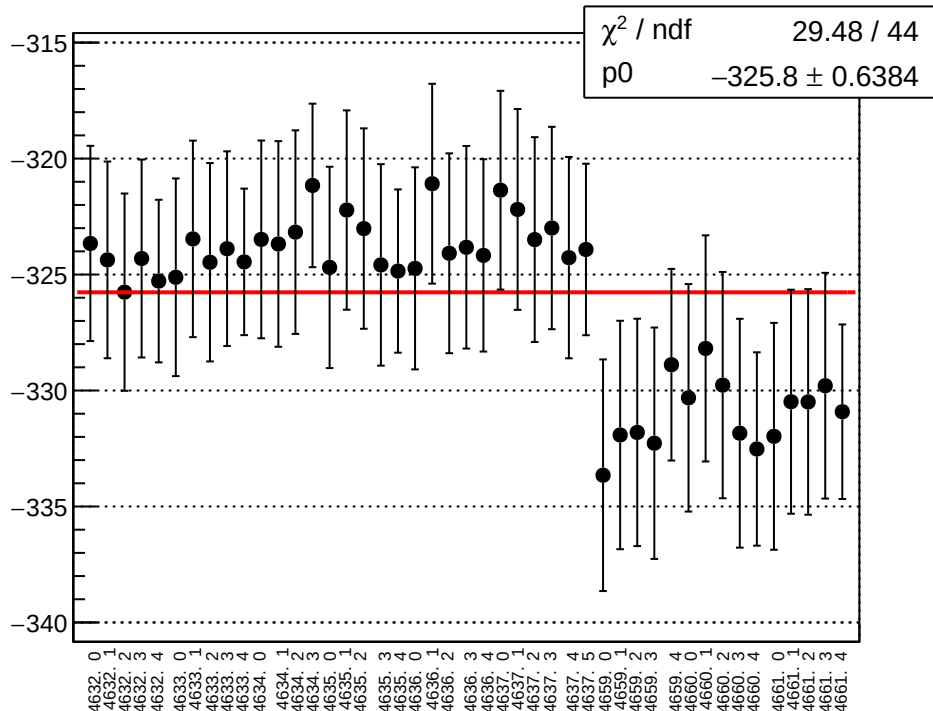
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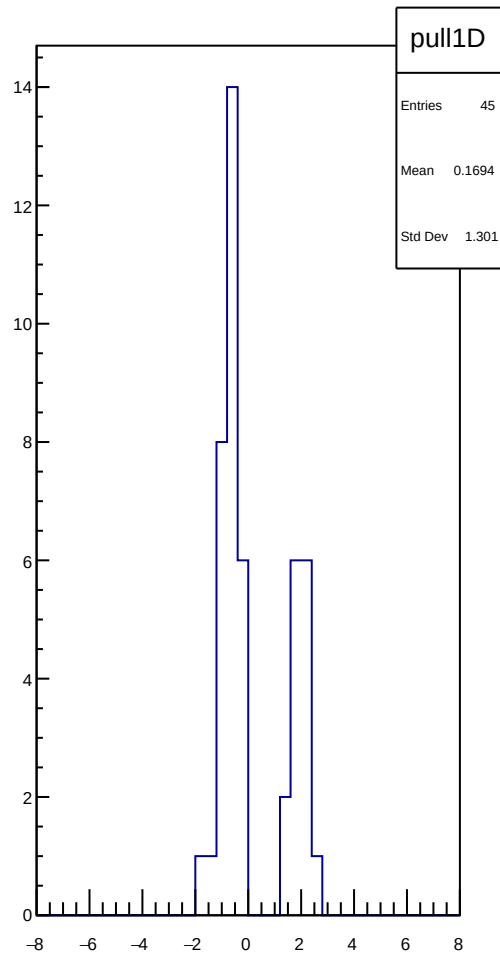
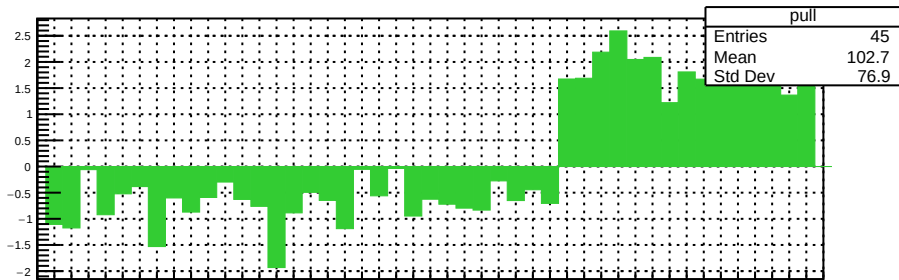
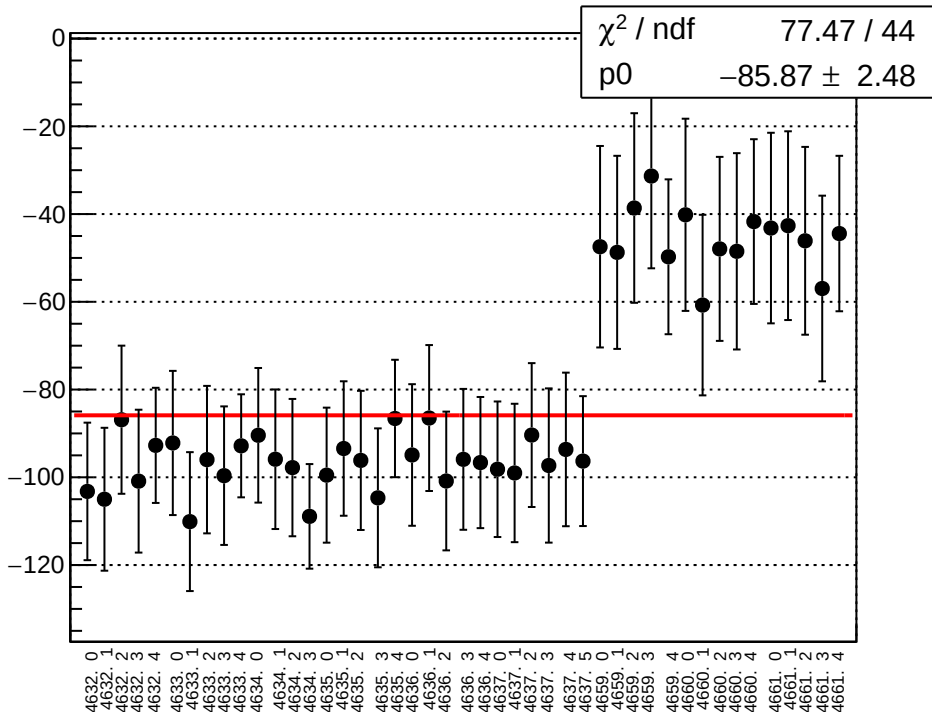
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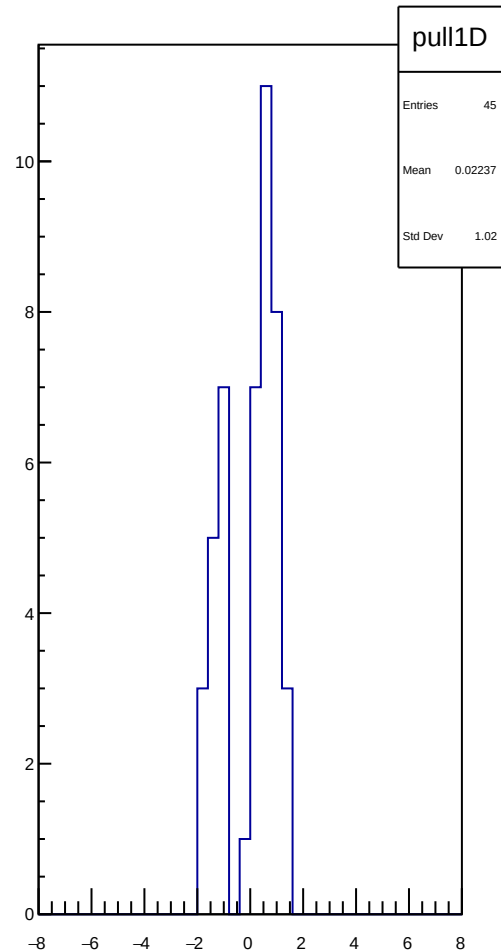
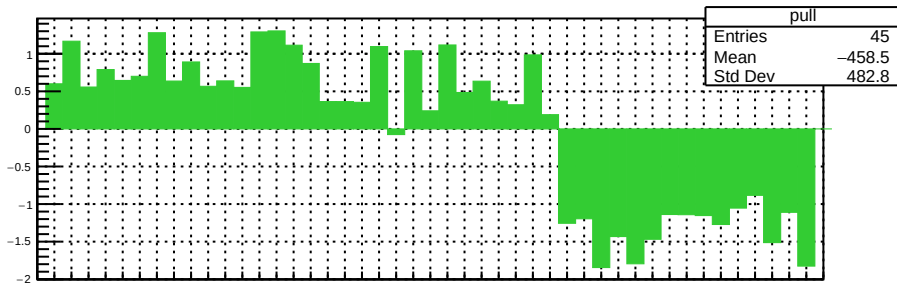
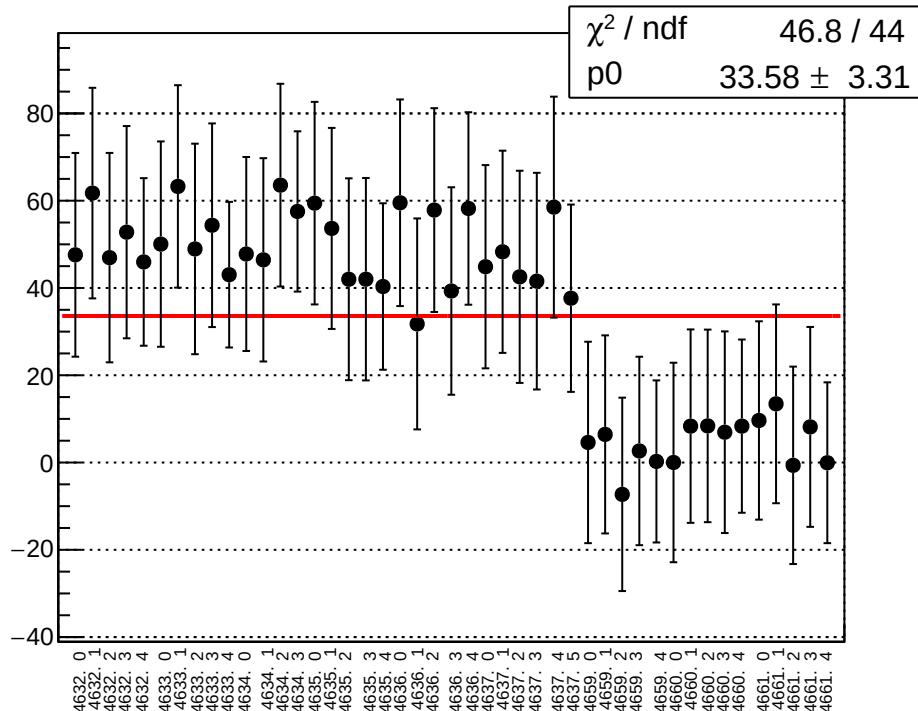
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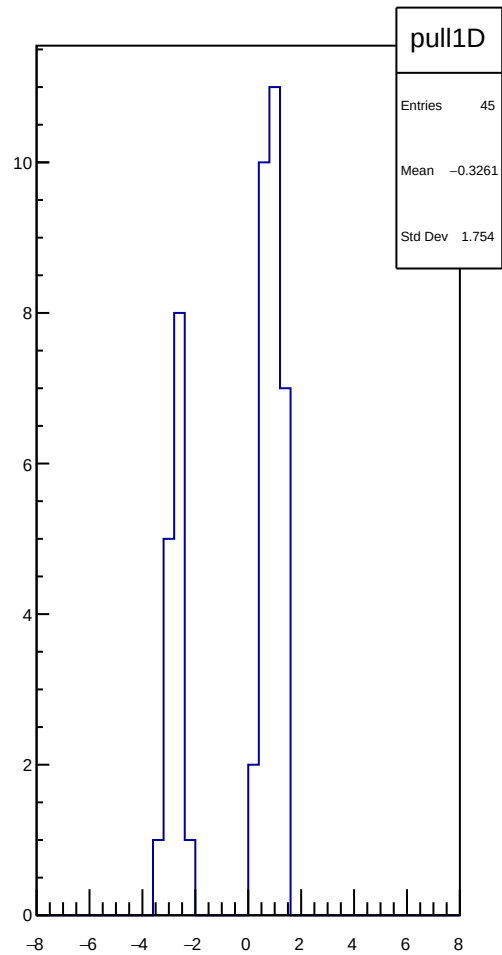
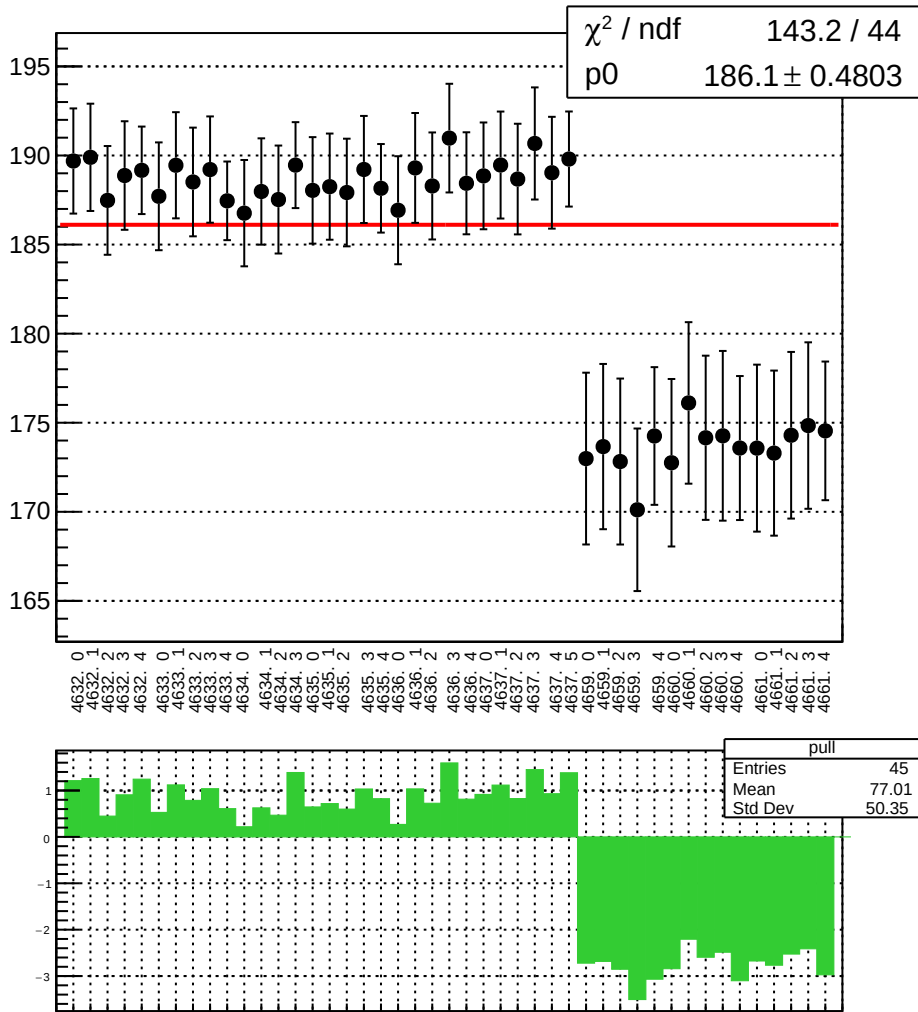
reg_asym_atl_dd_diff_bpm4aX_slope vs run



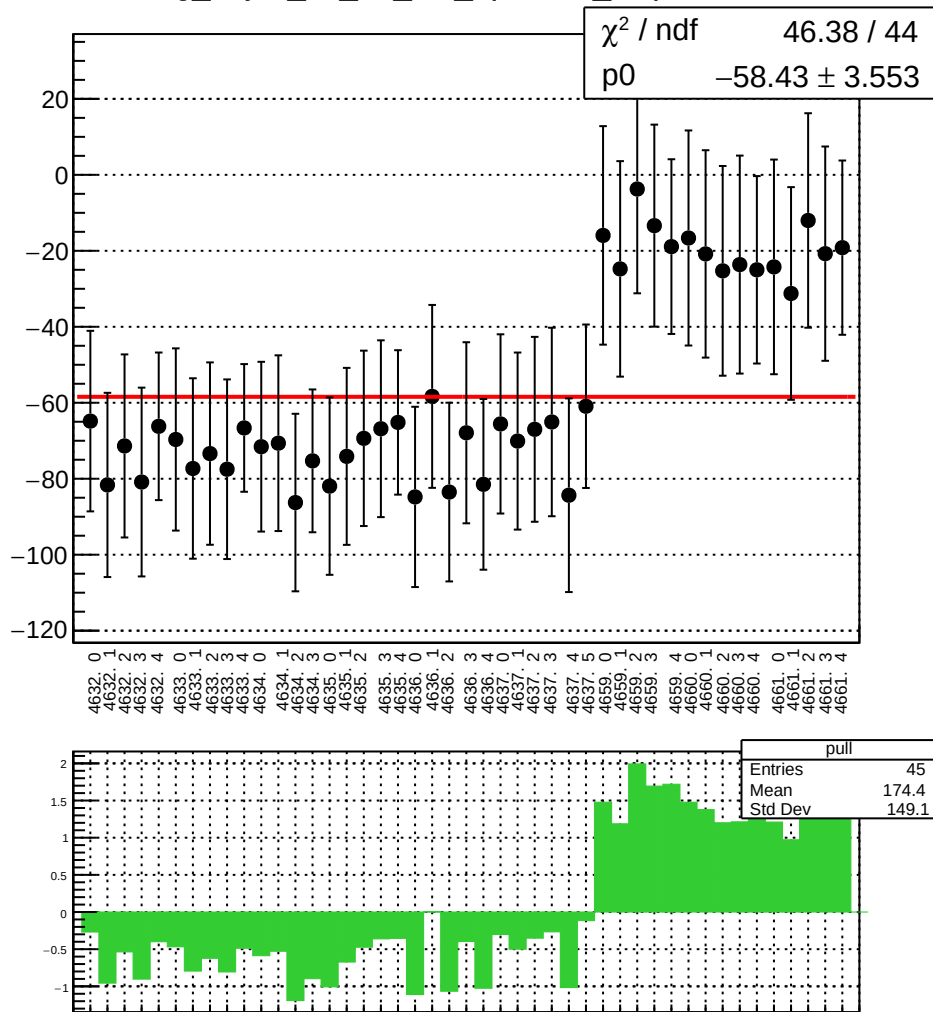
reg_asym_atl_dd_diff_bpm4aY_slope vs run



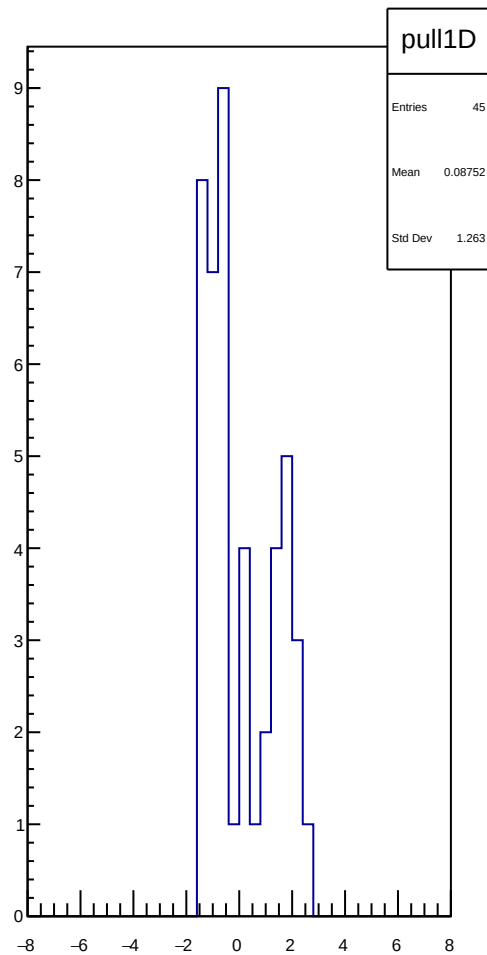
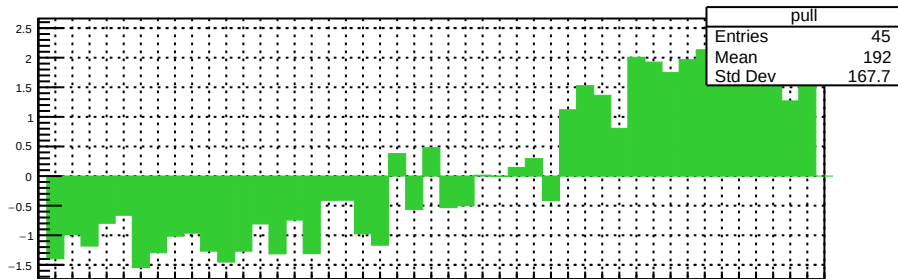
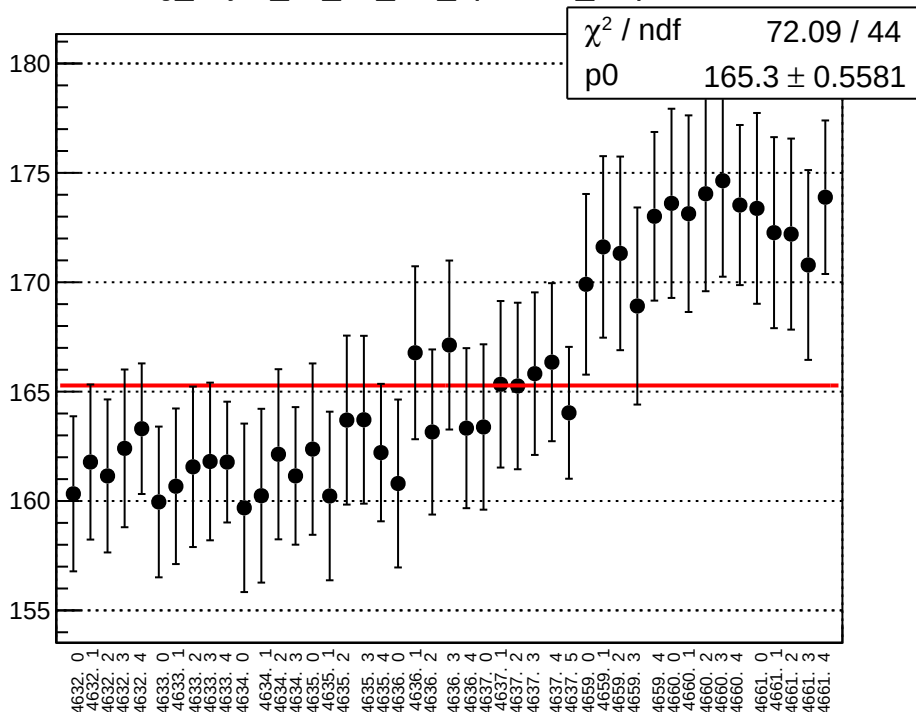
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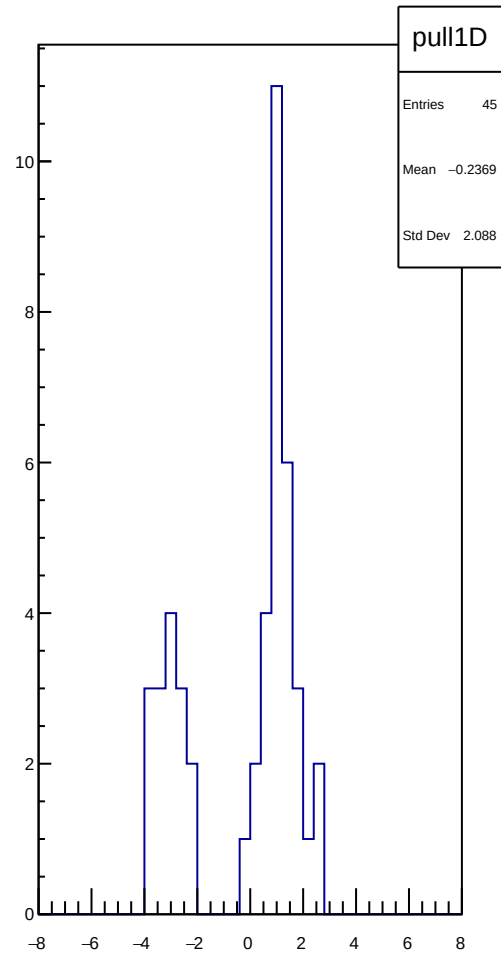
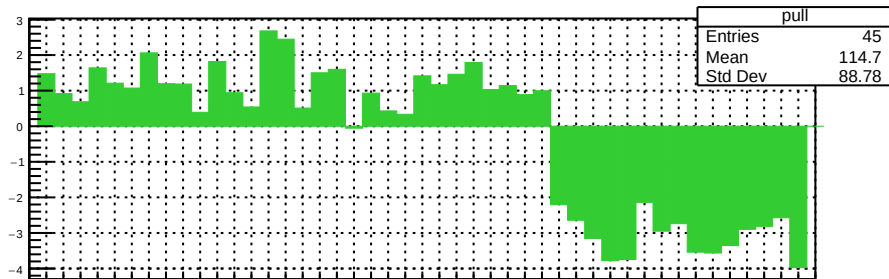
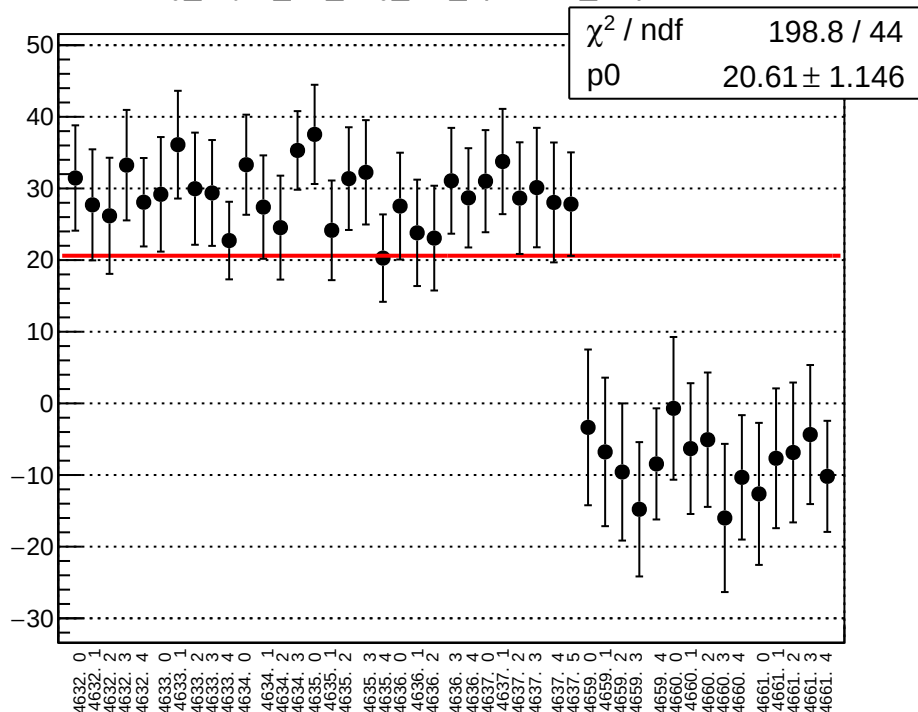
reg_asym_atl_dd_diff_bpm4eY_slope vs run



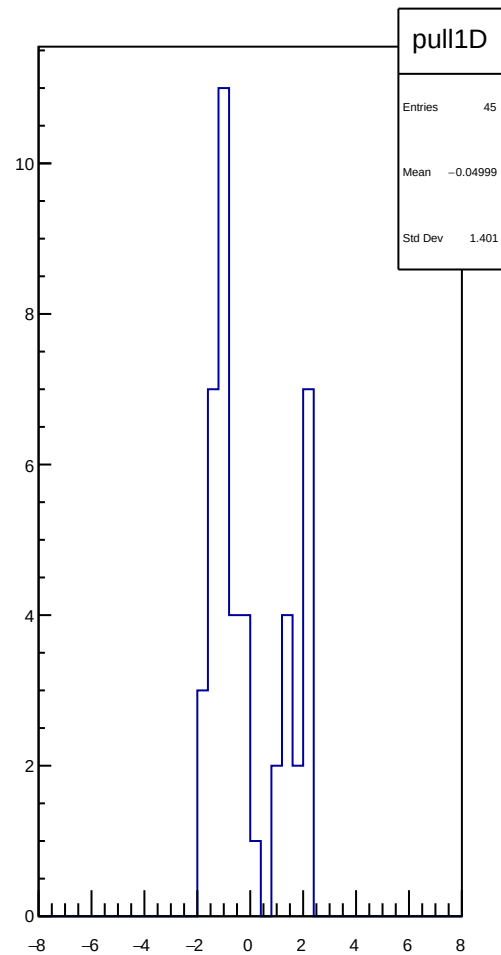
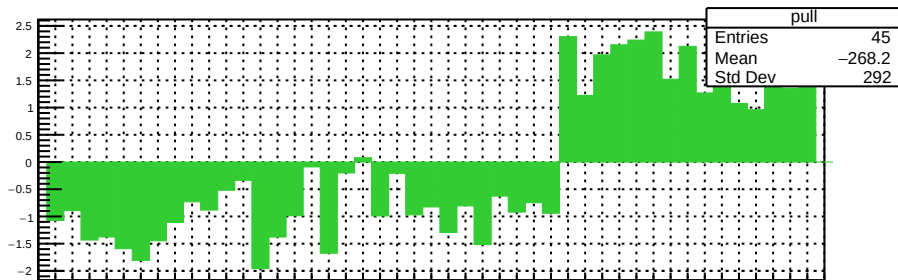
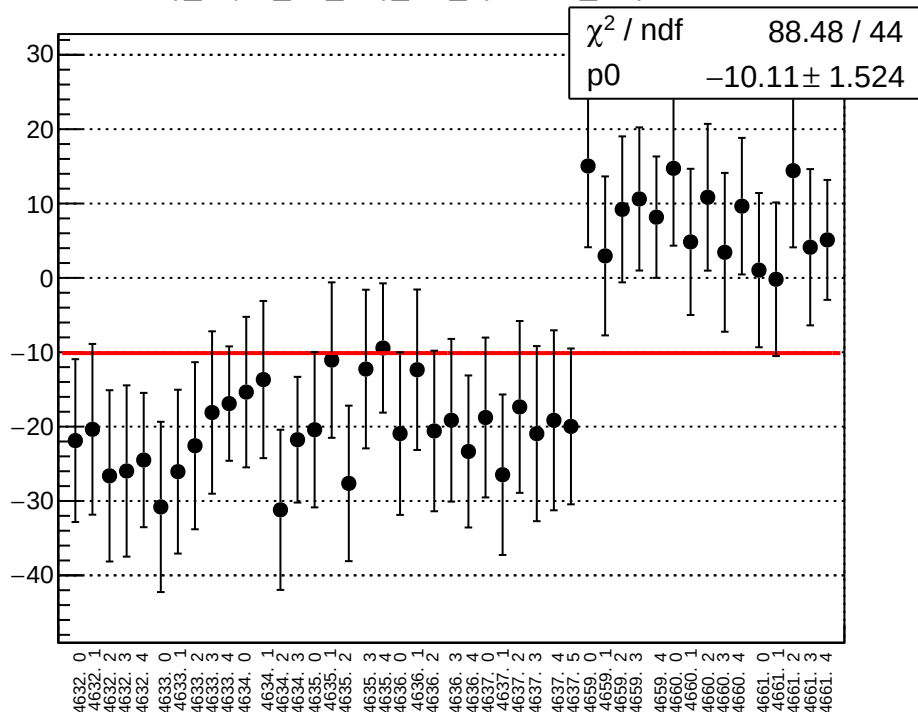
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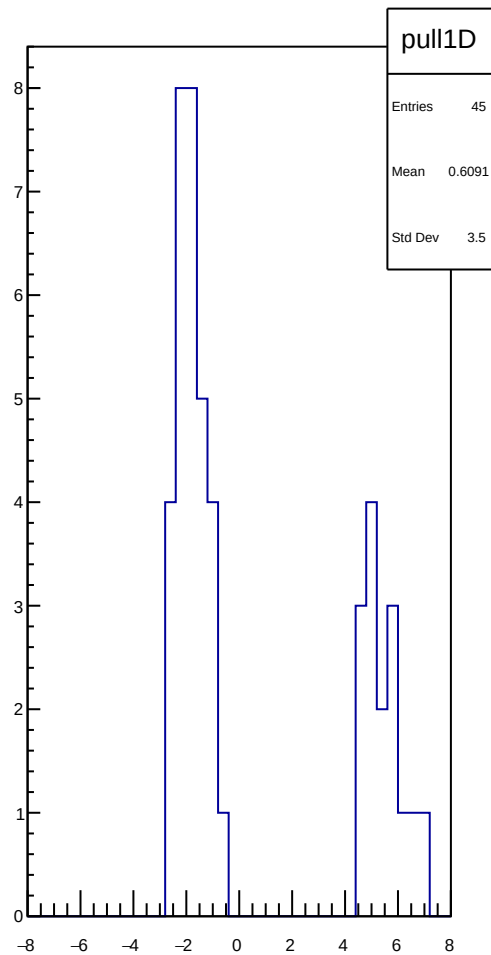
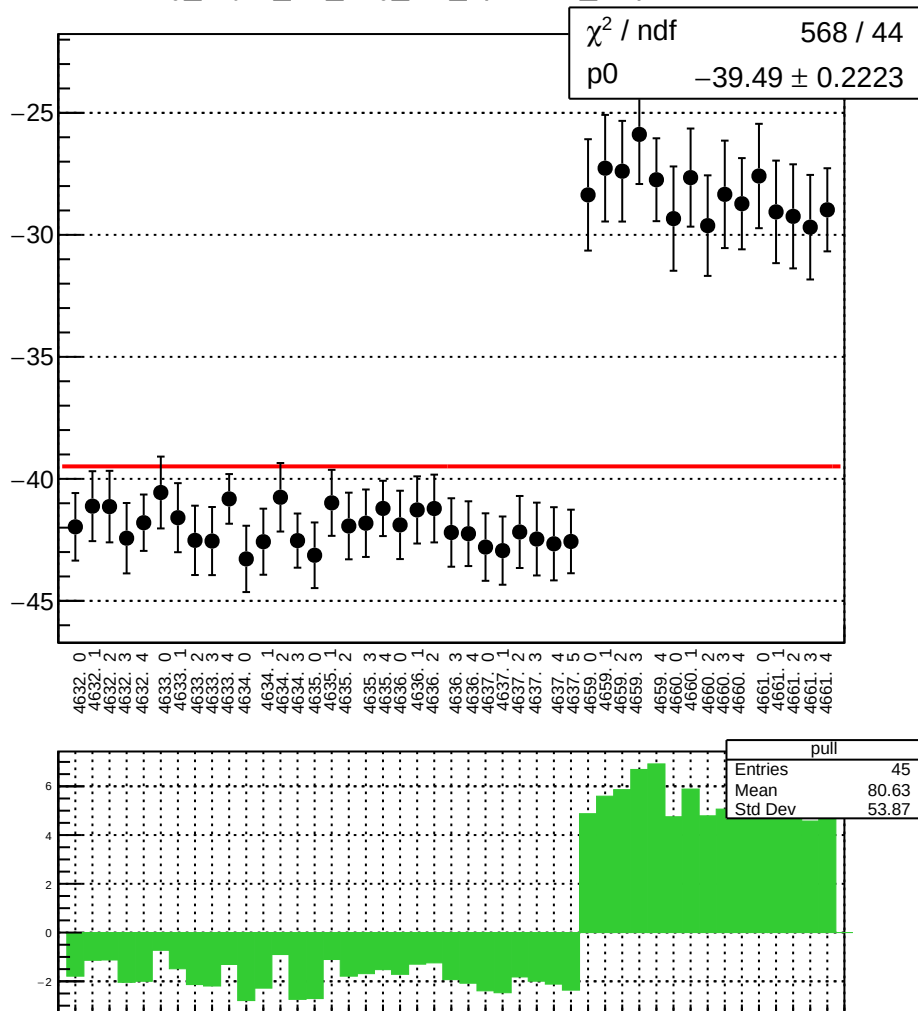
reg_asym_atr_avg_diff_bpm4aX_slope vs run



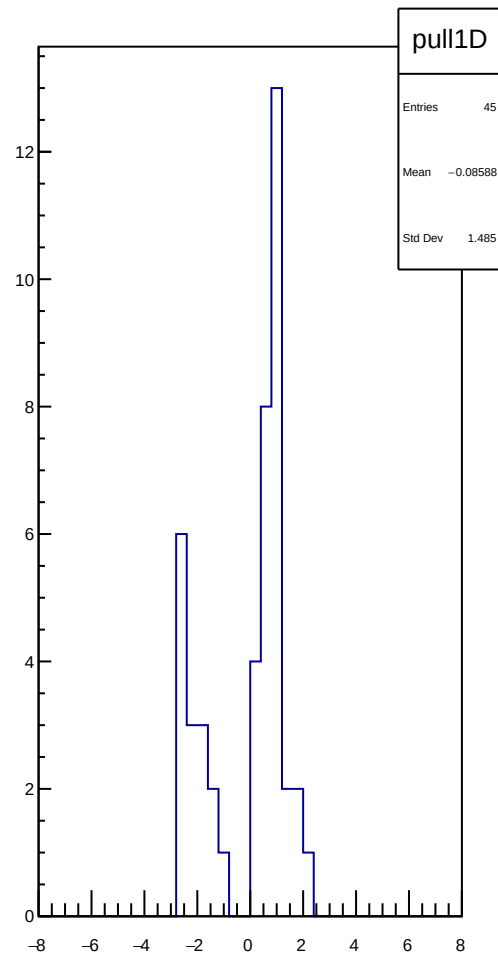
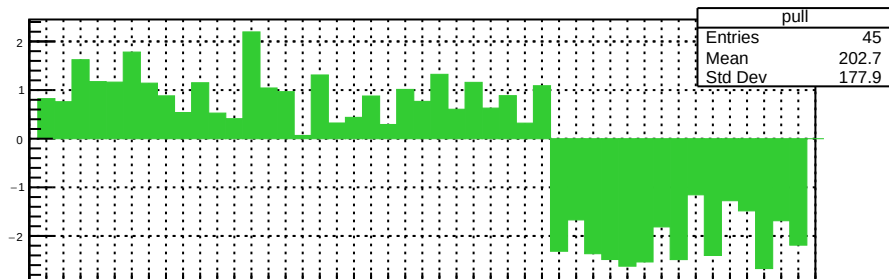
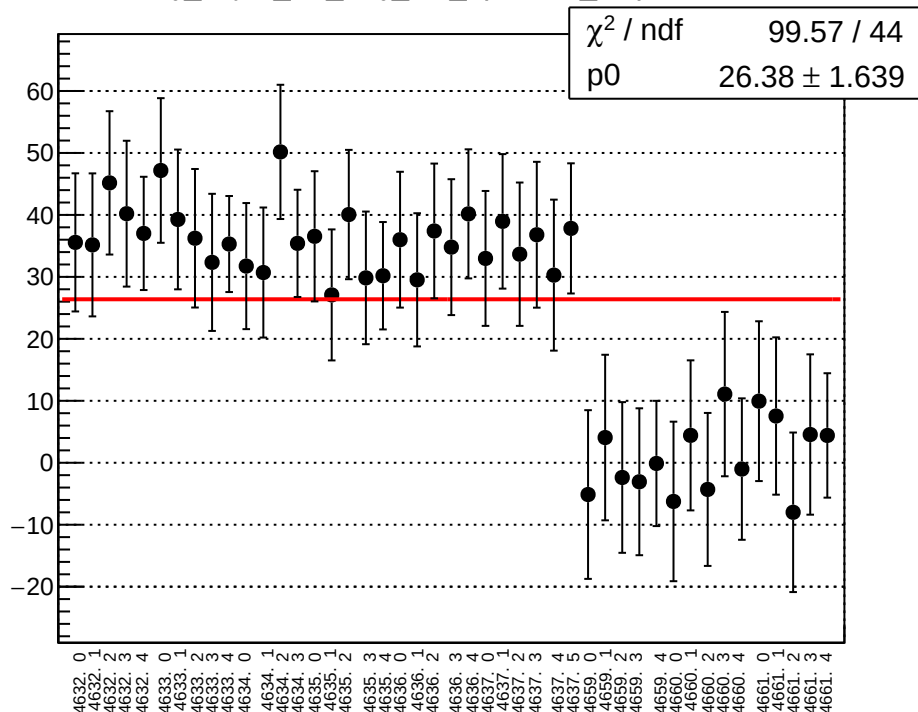
reg_asym_atr_avg_diff_bpm4aY_slope vs run



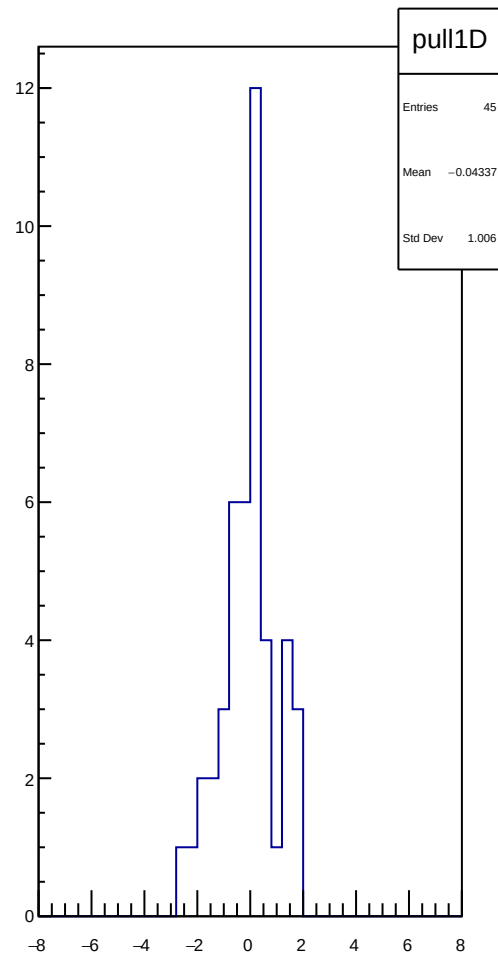
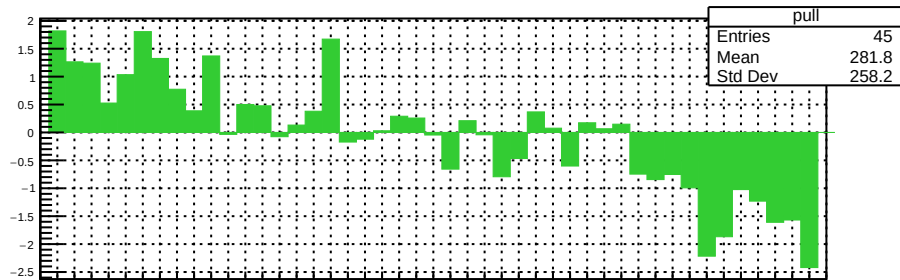
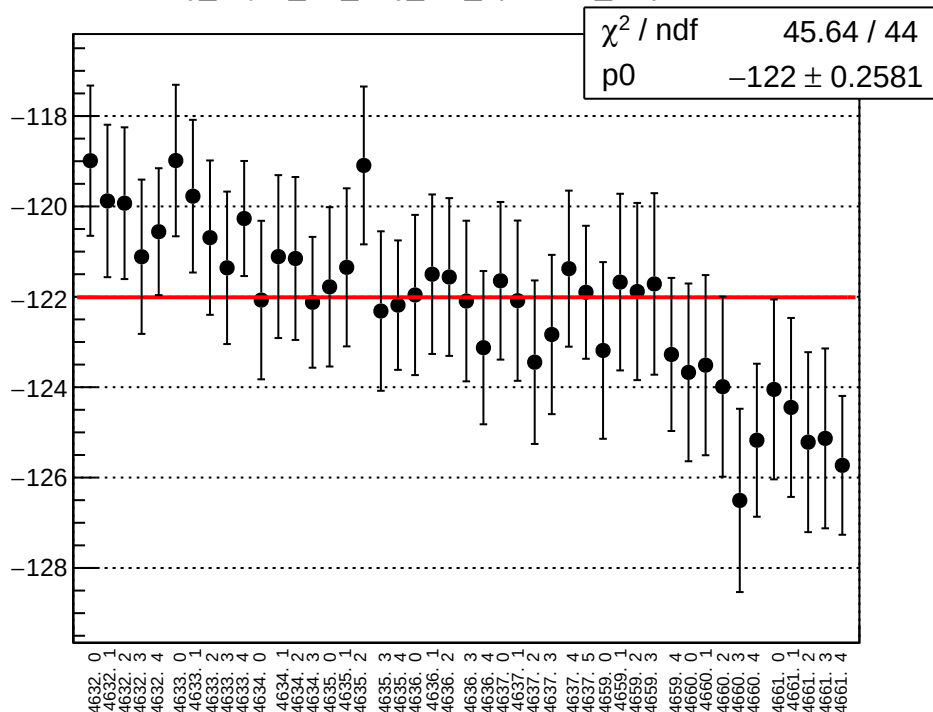
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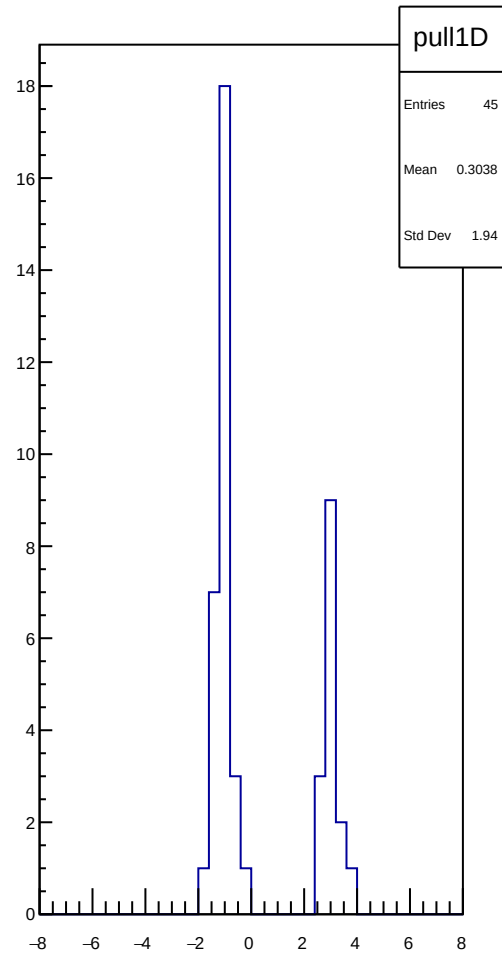
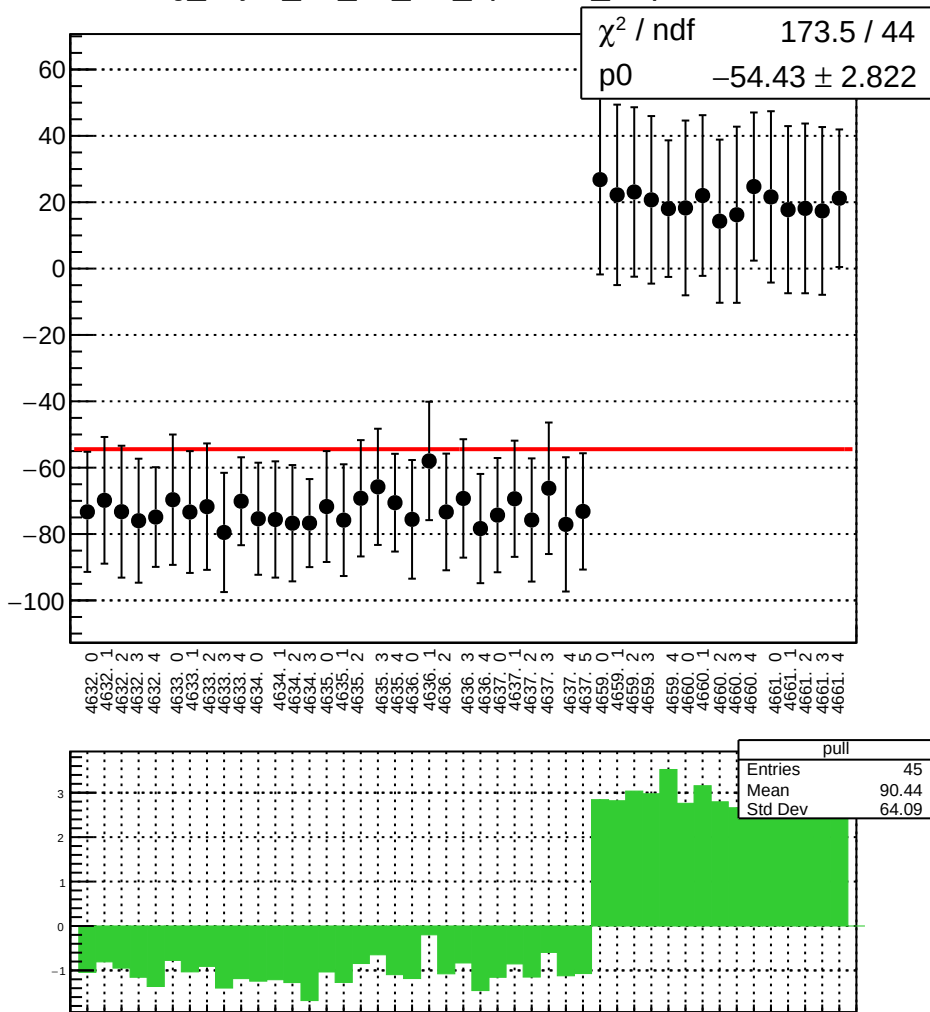
reg_asym_atr_avg_diff_bpm4eY_slope vs run



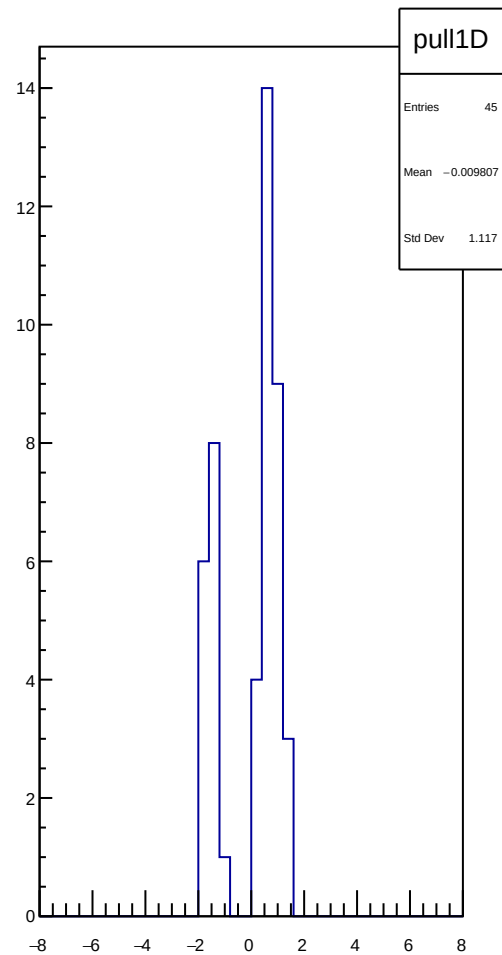
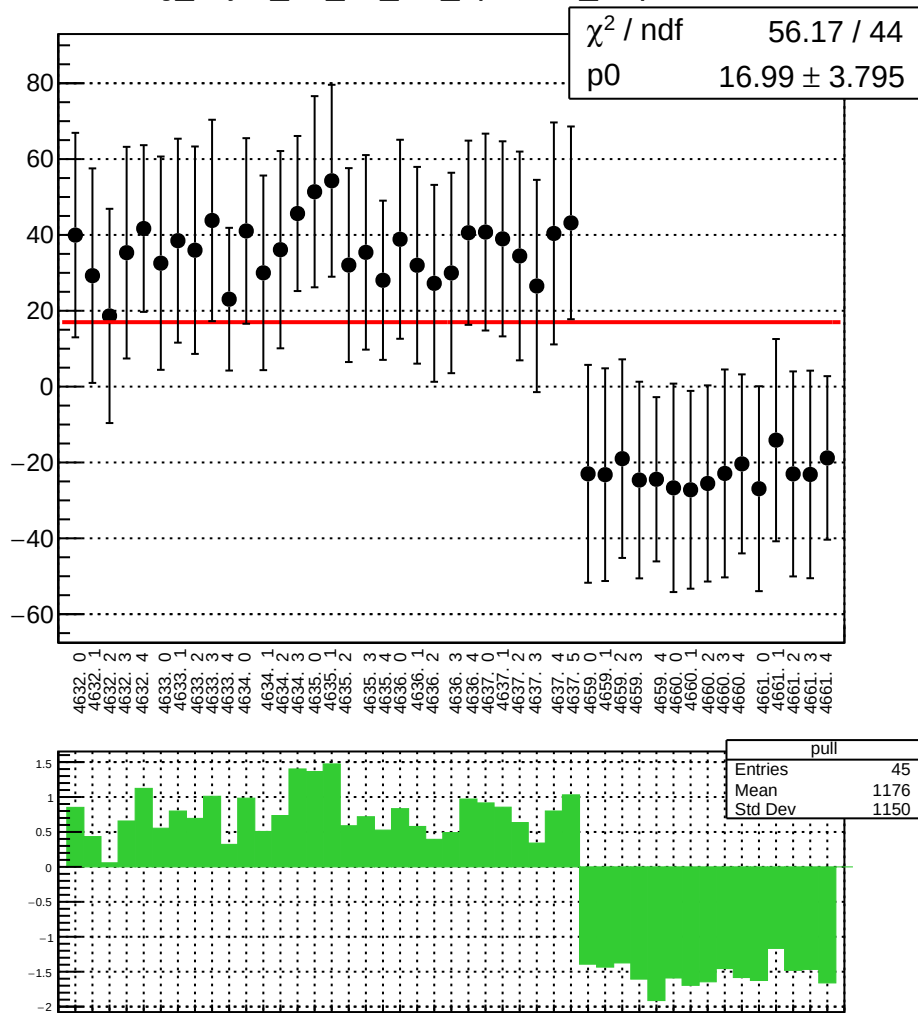
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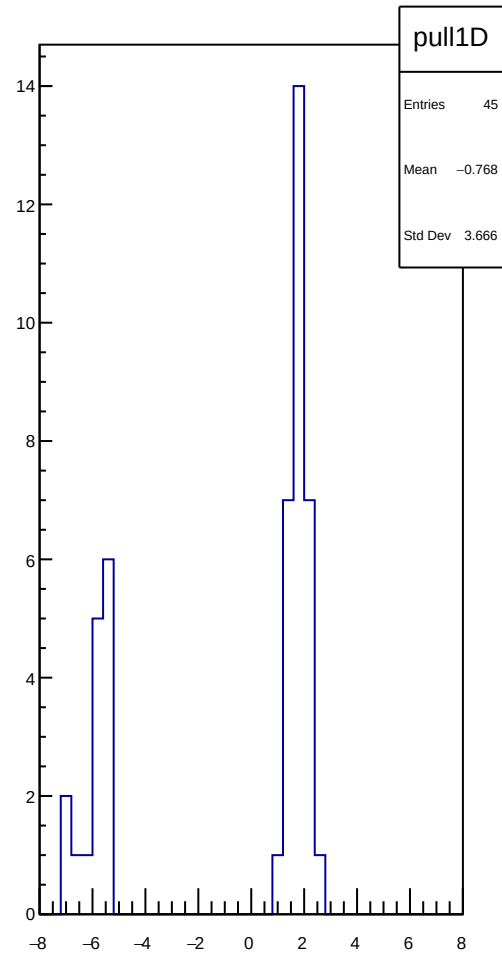
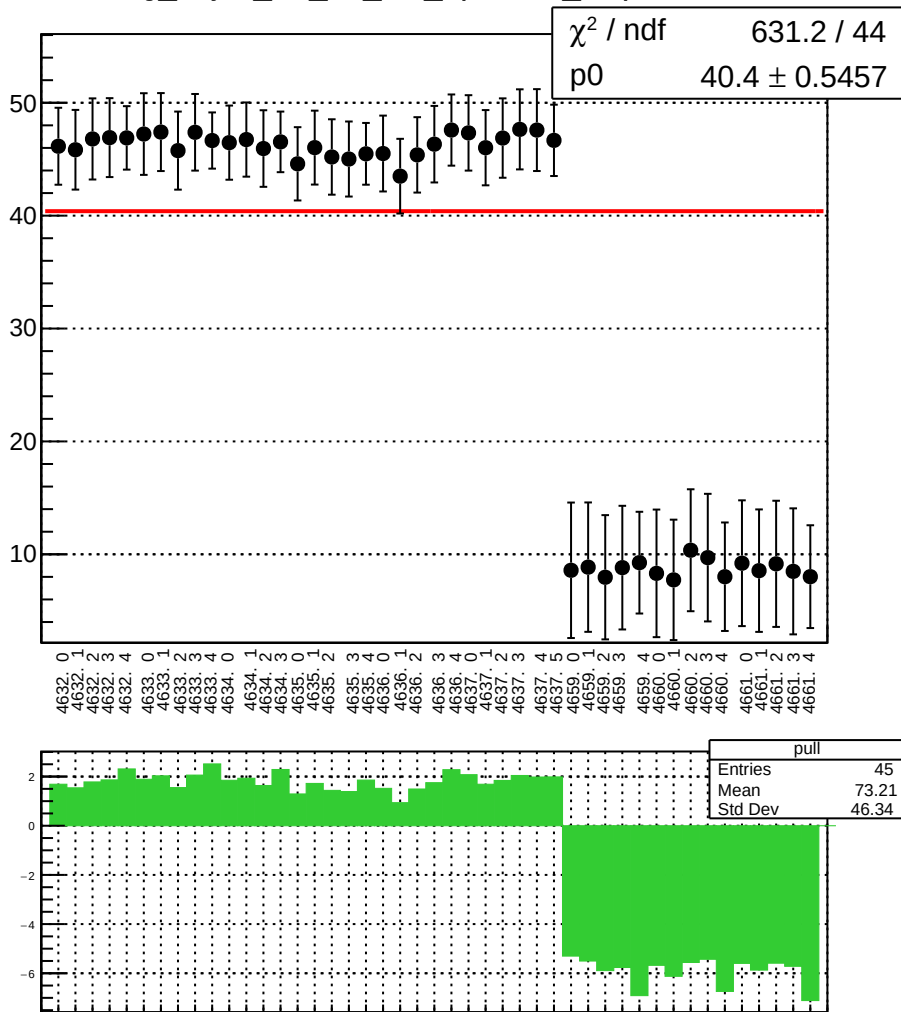
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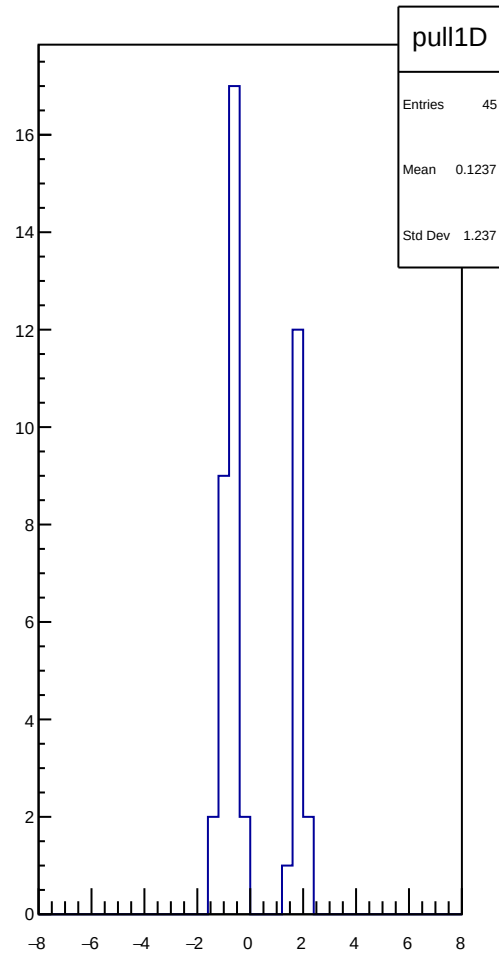
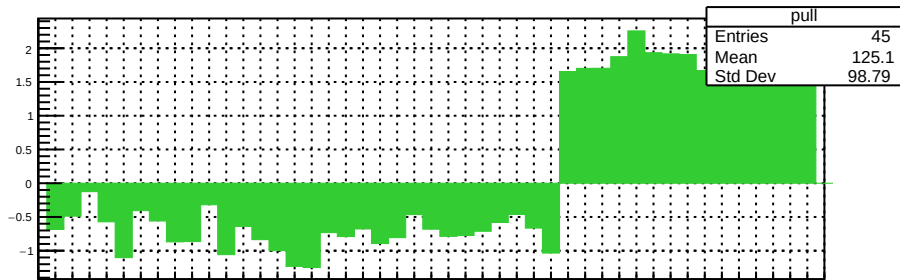
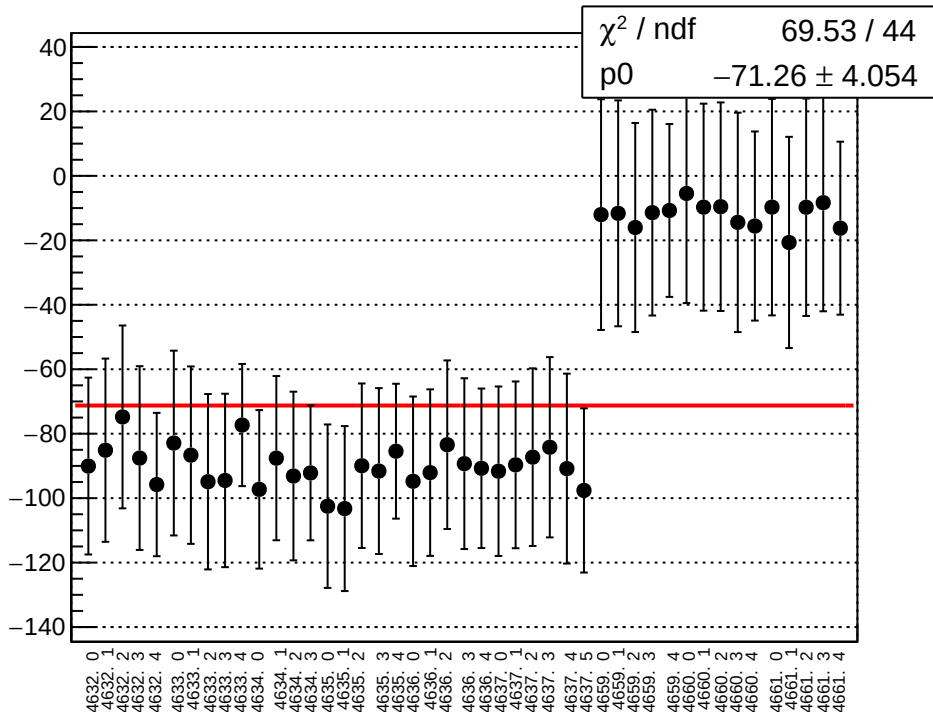
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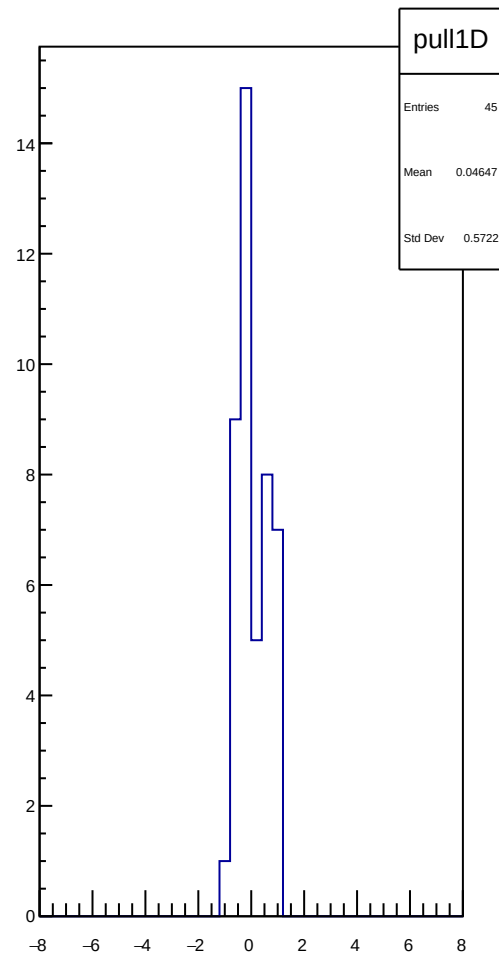
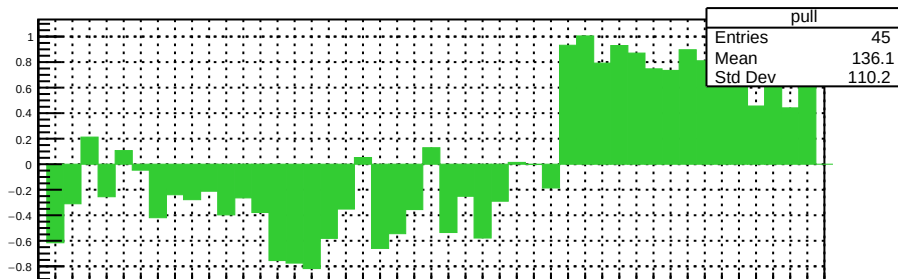
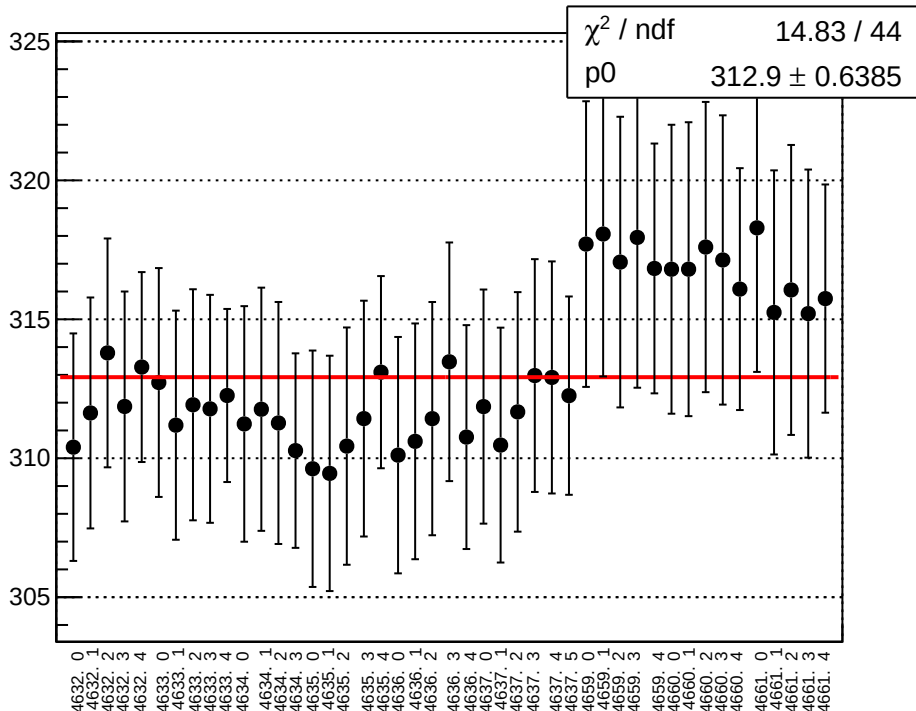
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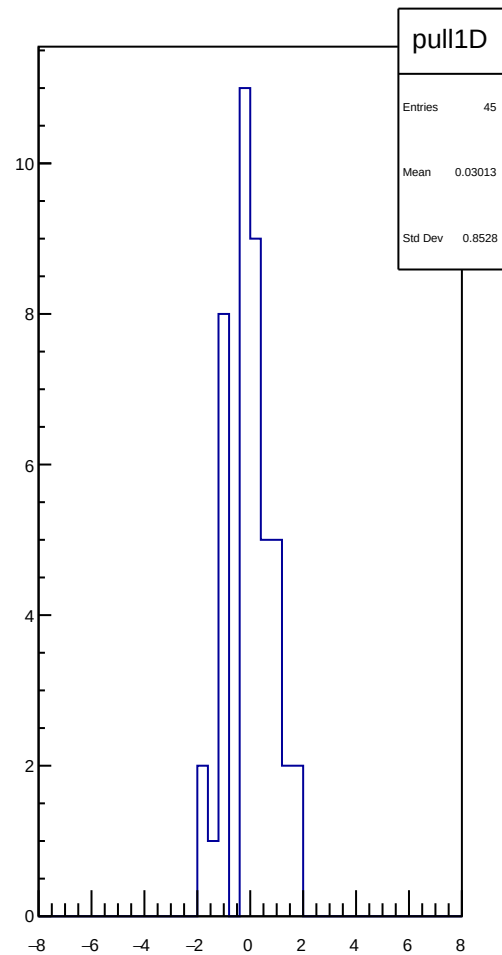
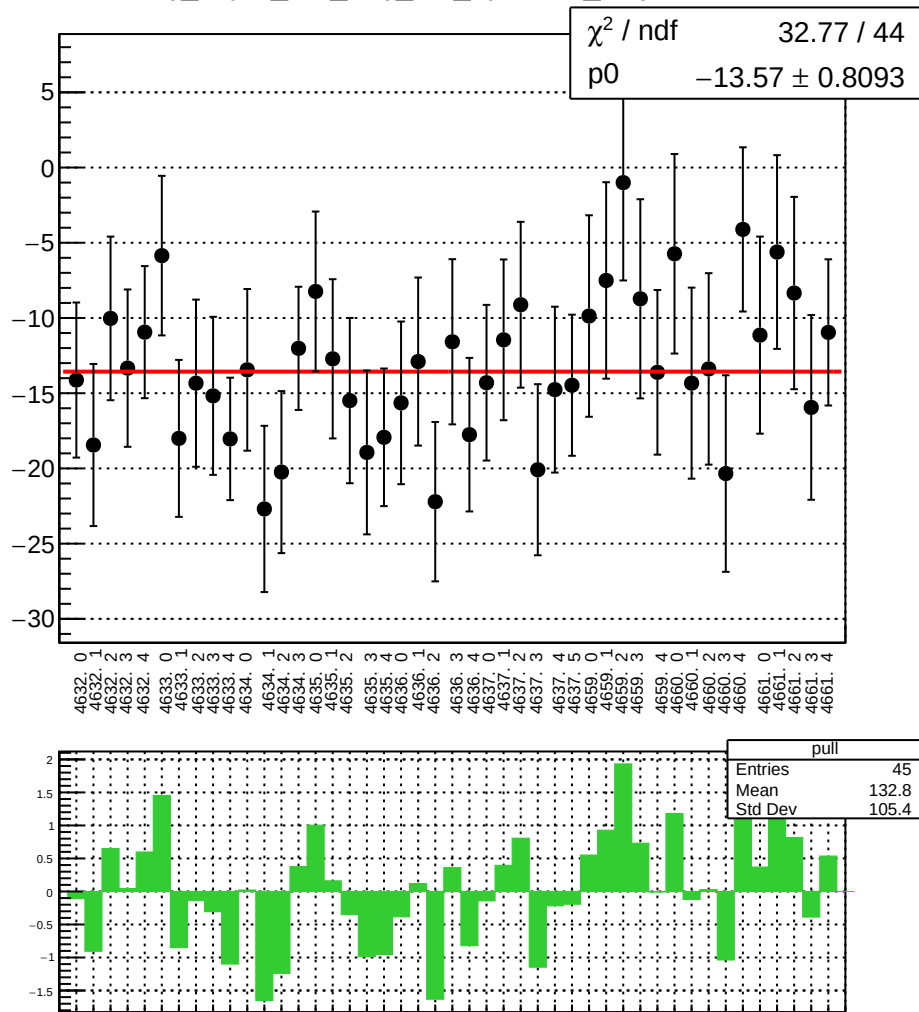
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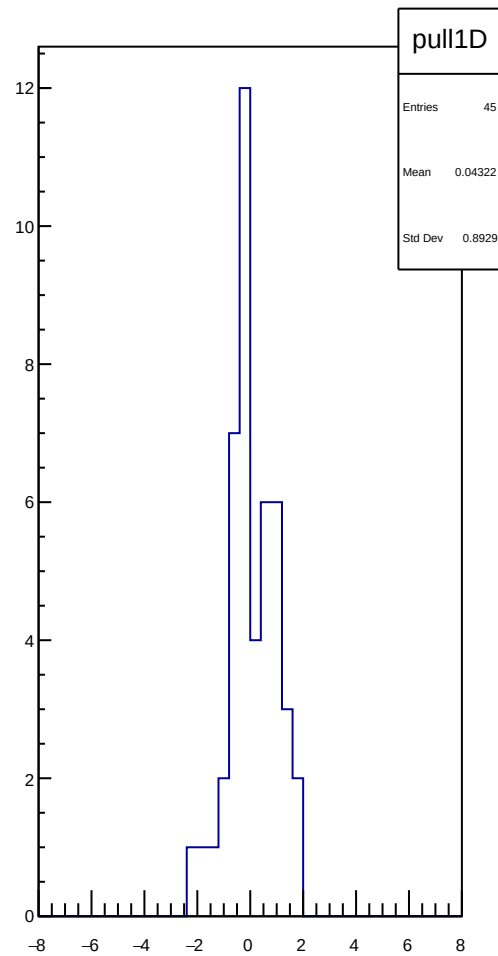
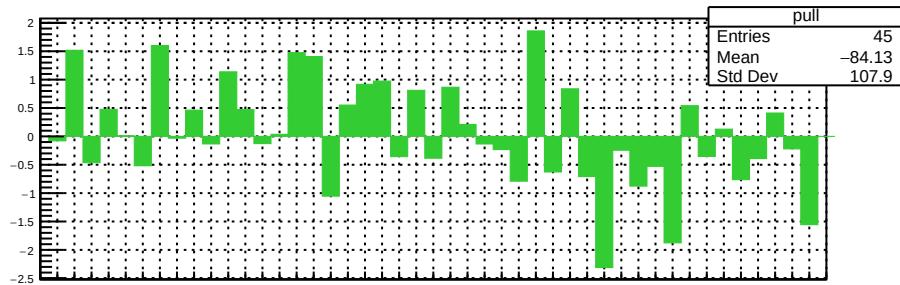
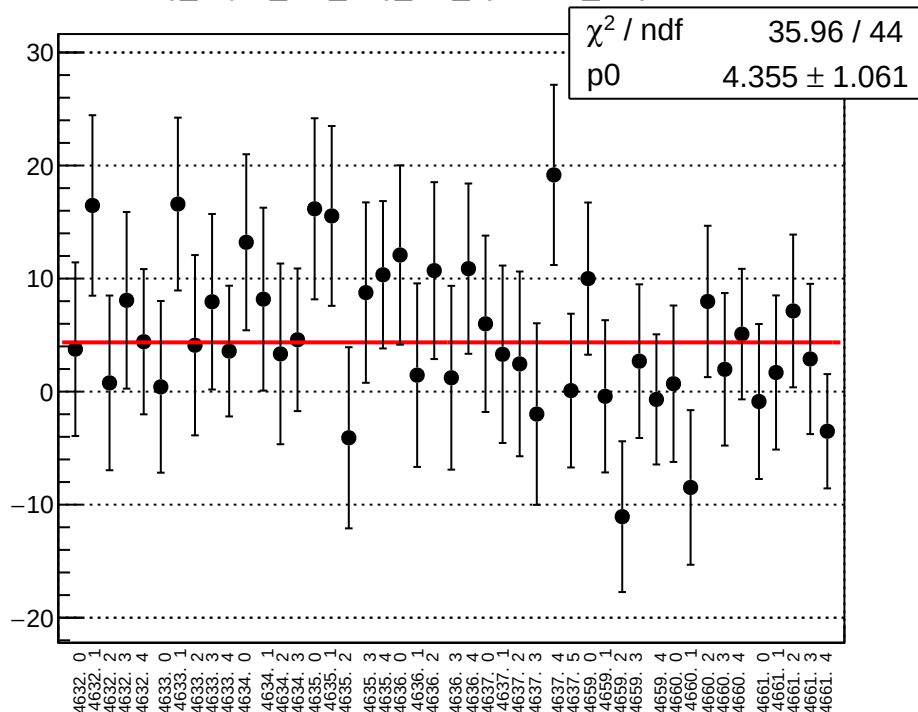
reg_asym_atr_dd_diff_bpm11X_slope vs run



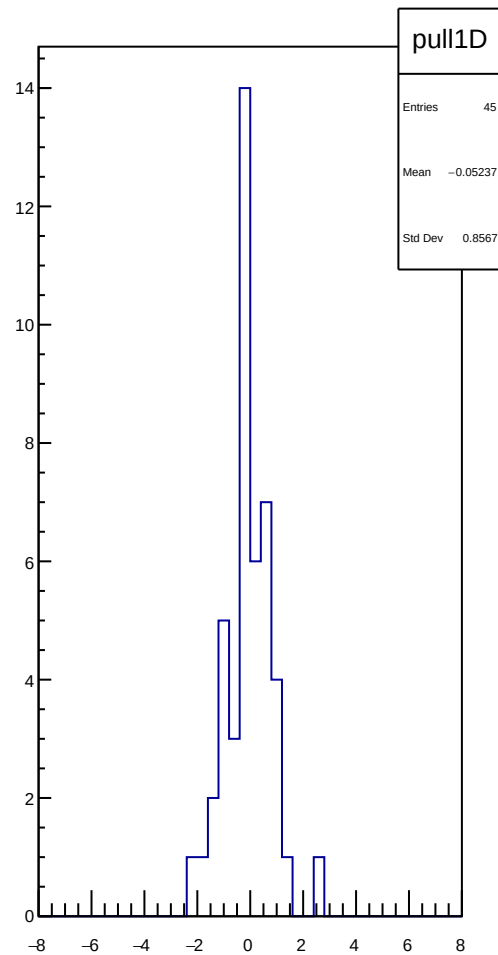
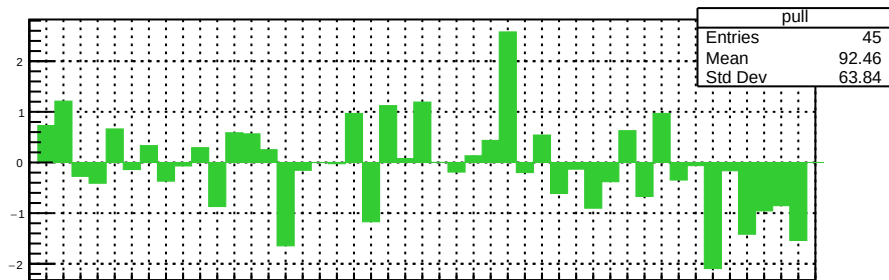
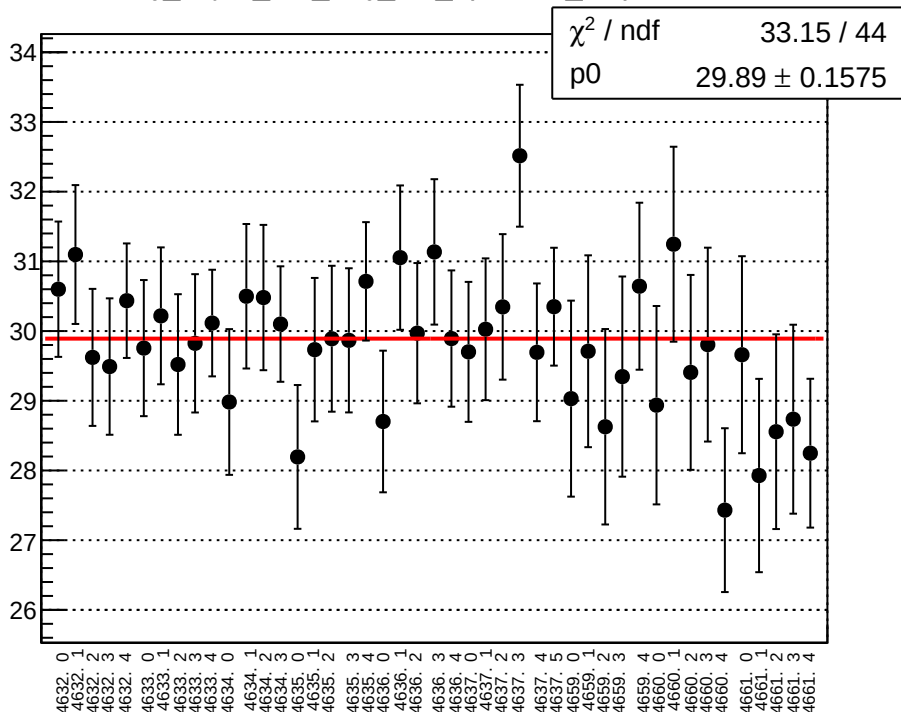
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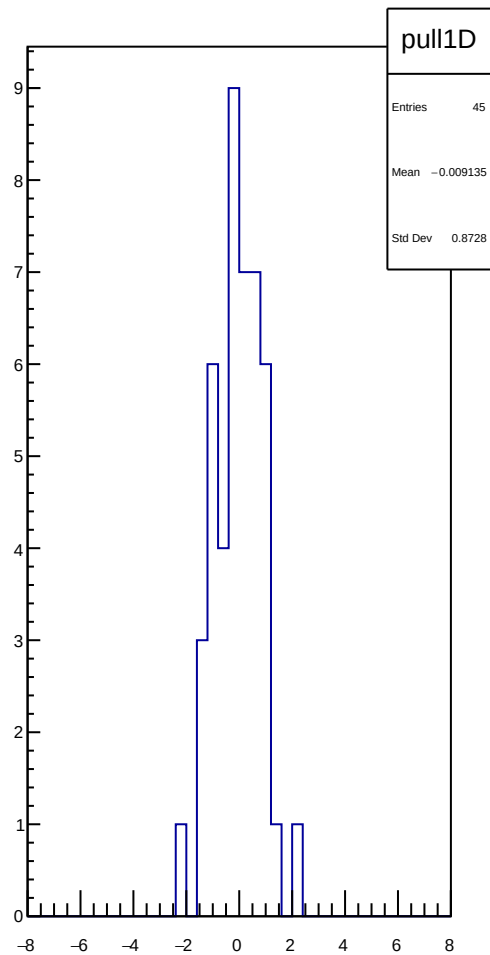
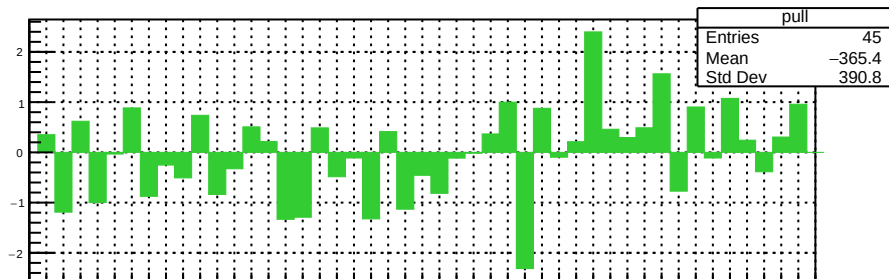
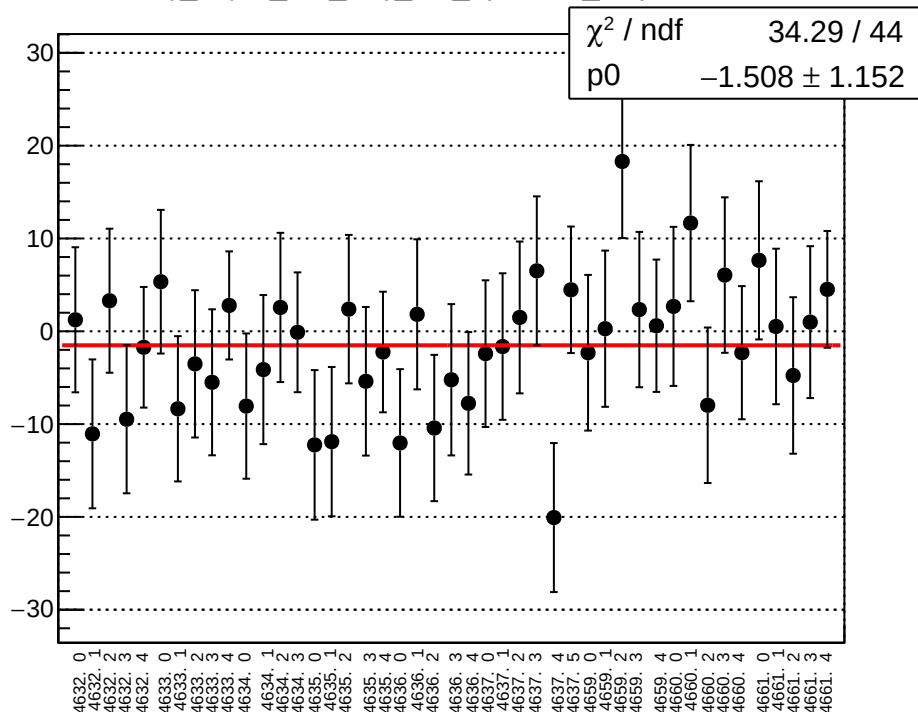
reg_asym_at1_avg_diff_bpm4aY_slope vs run



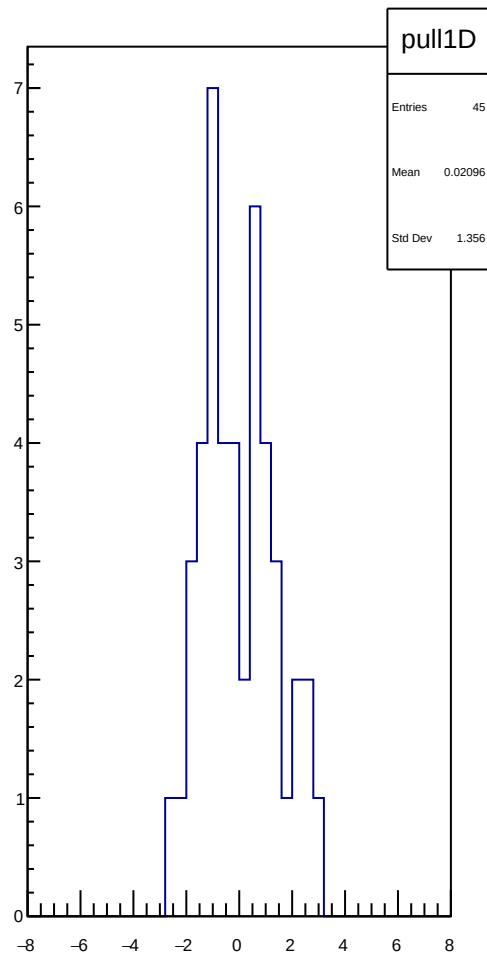
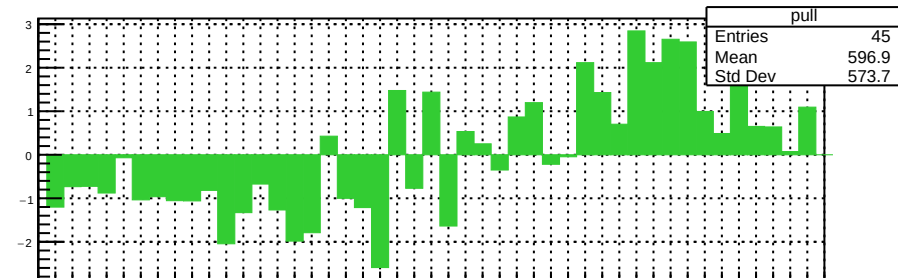
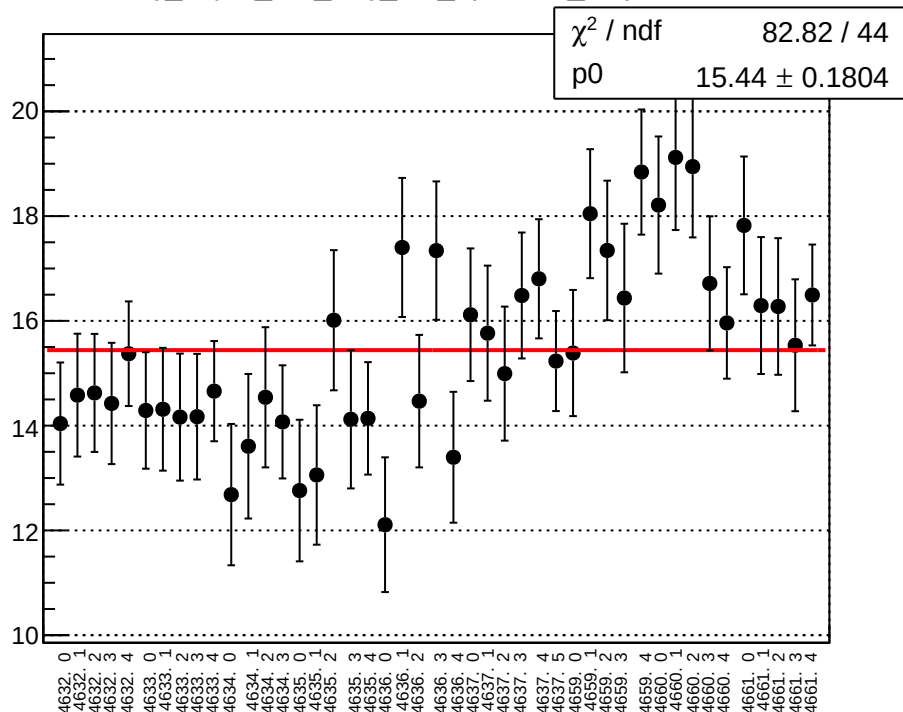
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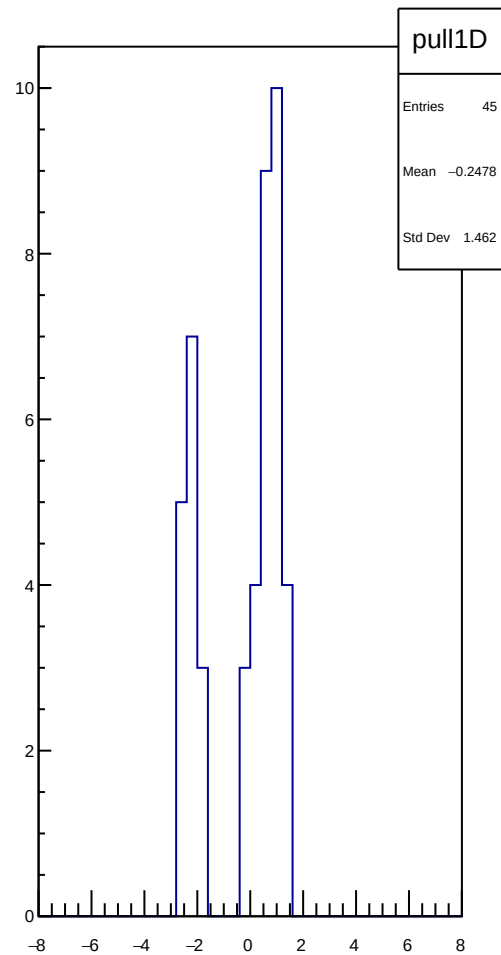
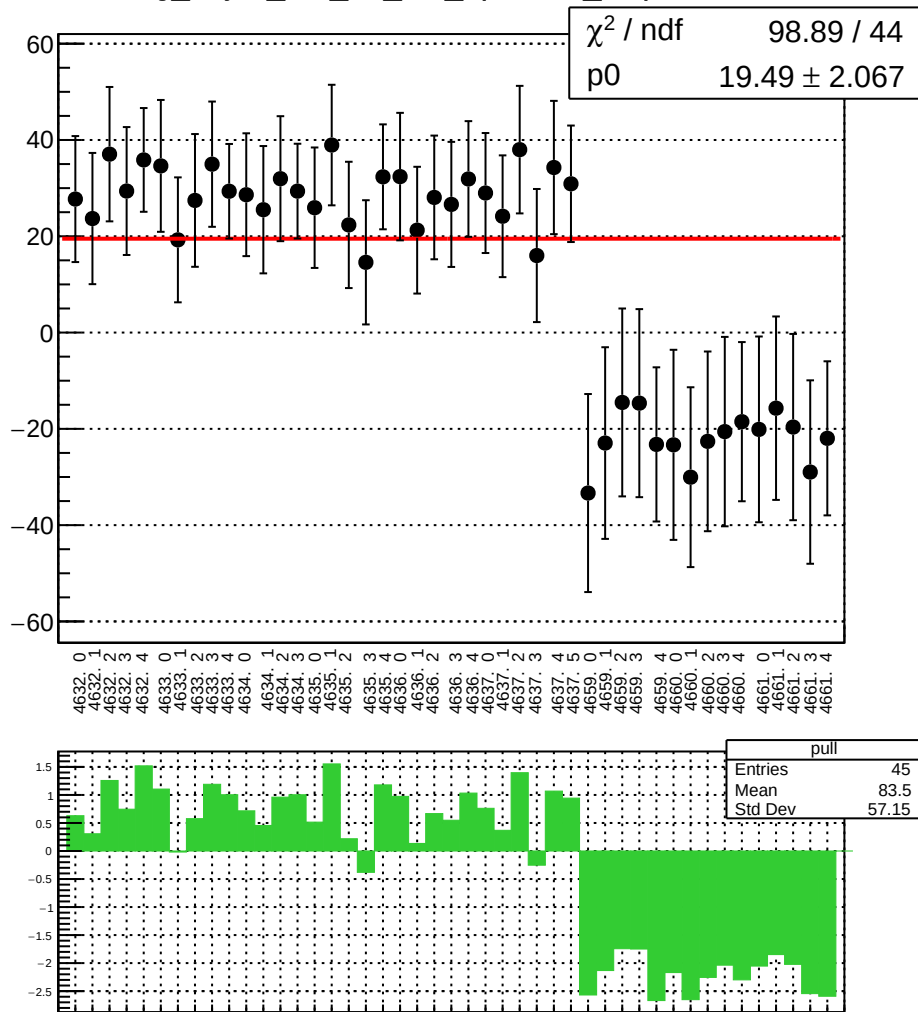
reg_asym_at1_avg_diff_bpm4eY_slope vs run



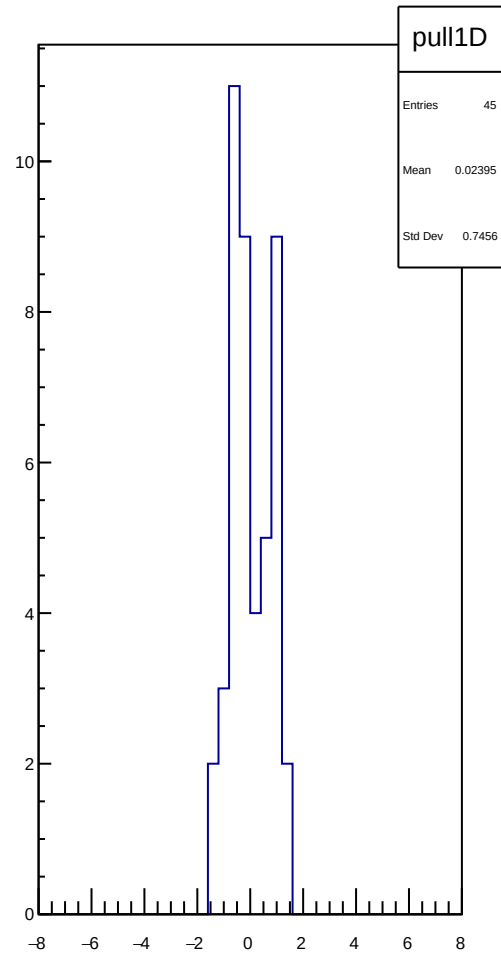
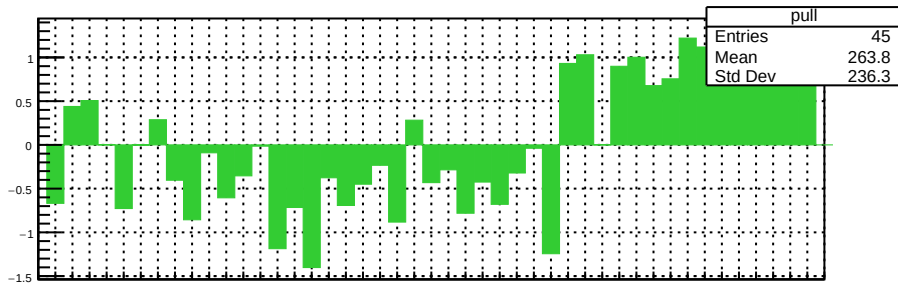
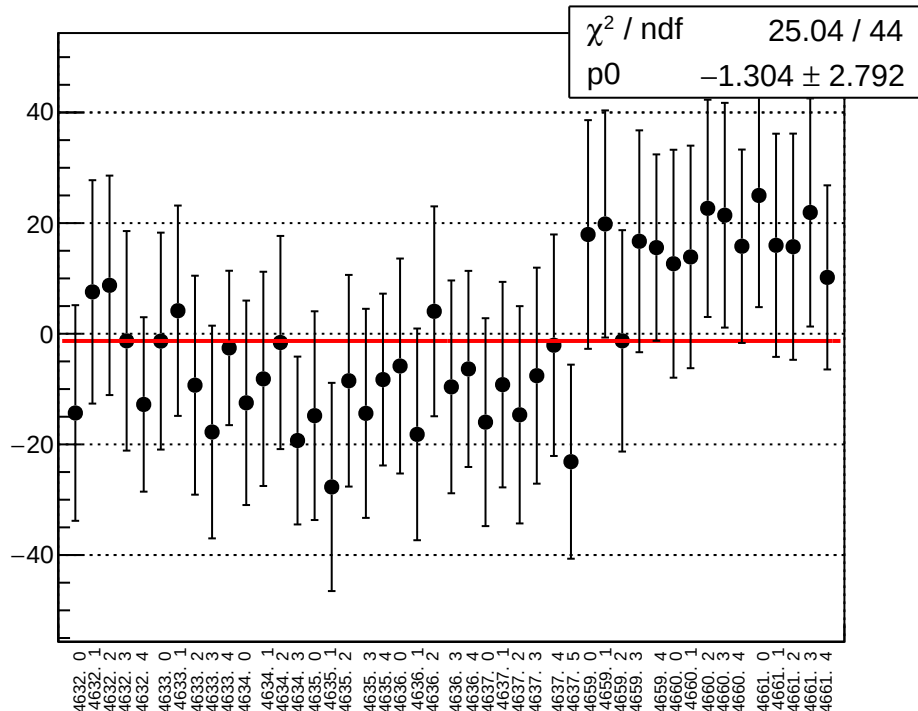
reg_asym_at1_avg_diff_bpm11X_slope vs run



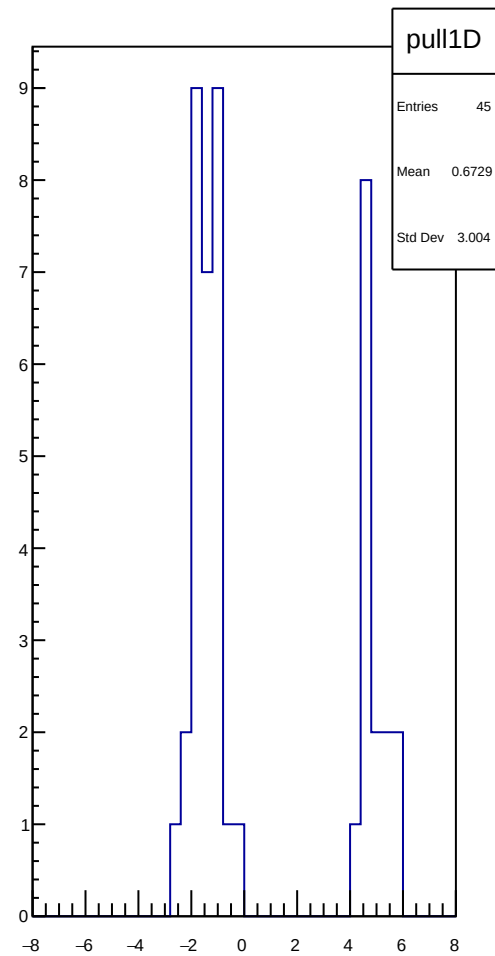
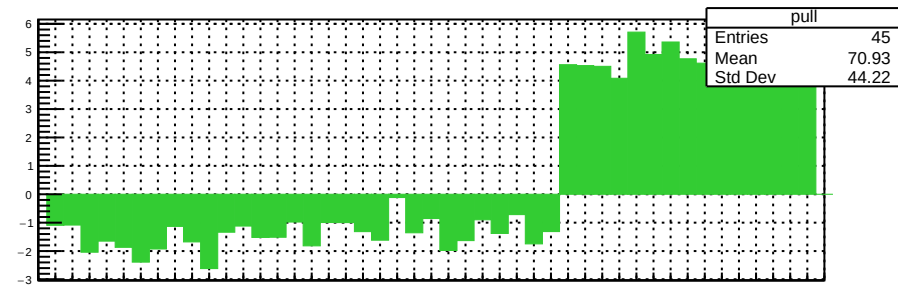
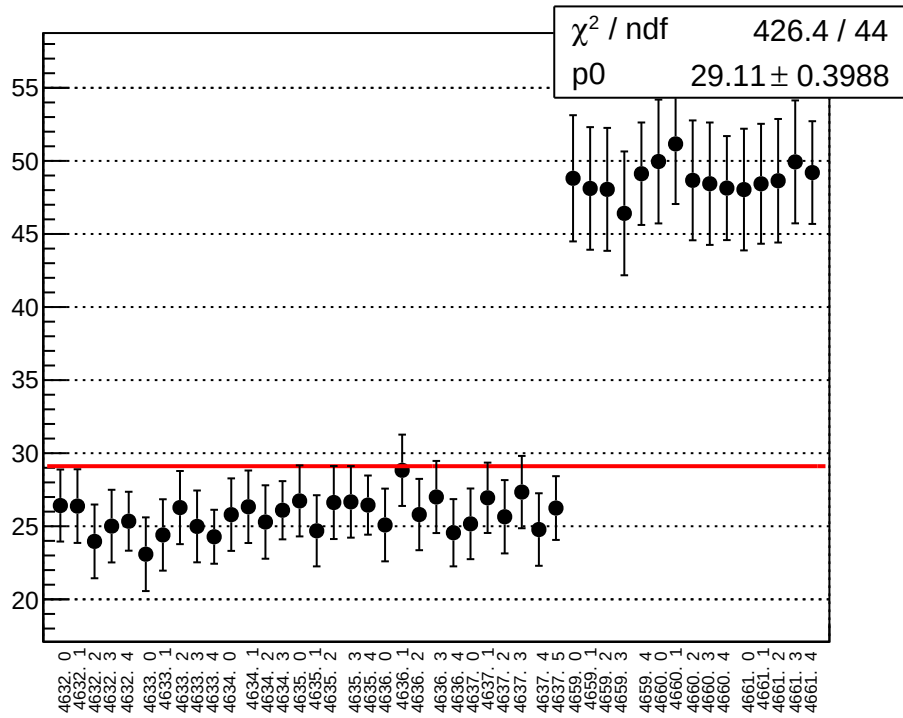
reg_asym_at1_dd_diff_bpm4aX_slope vs run



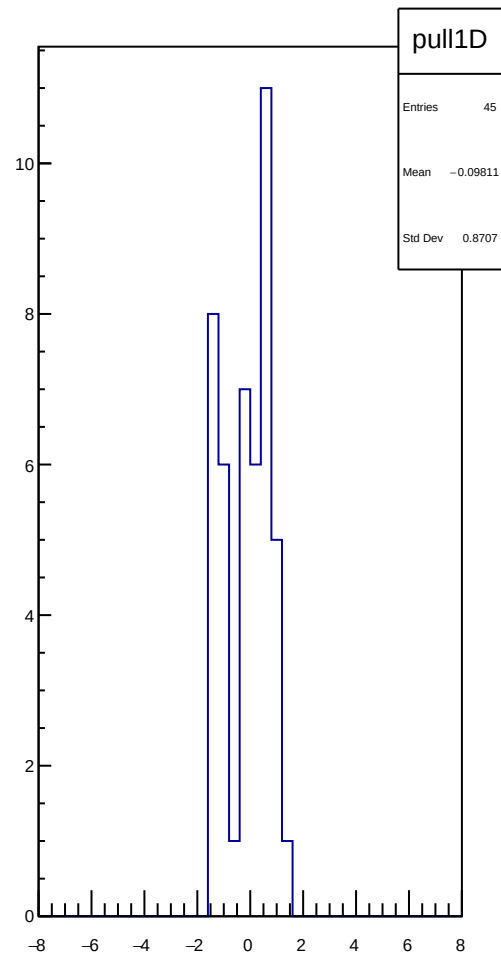
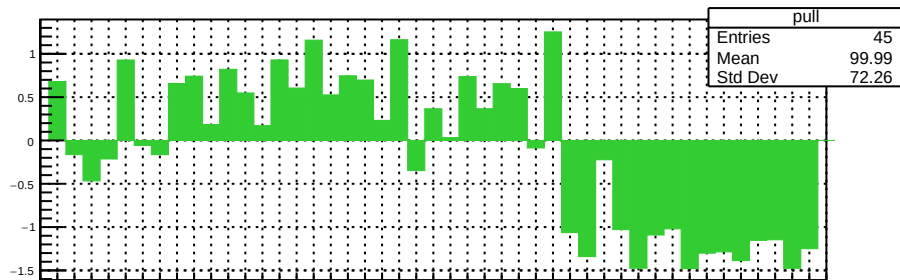
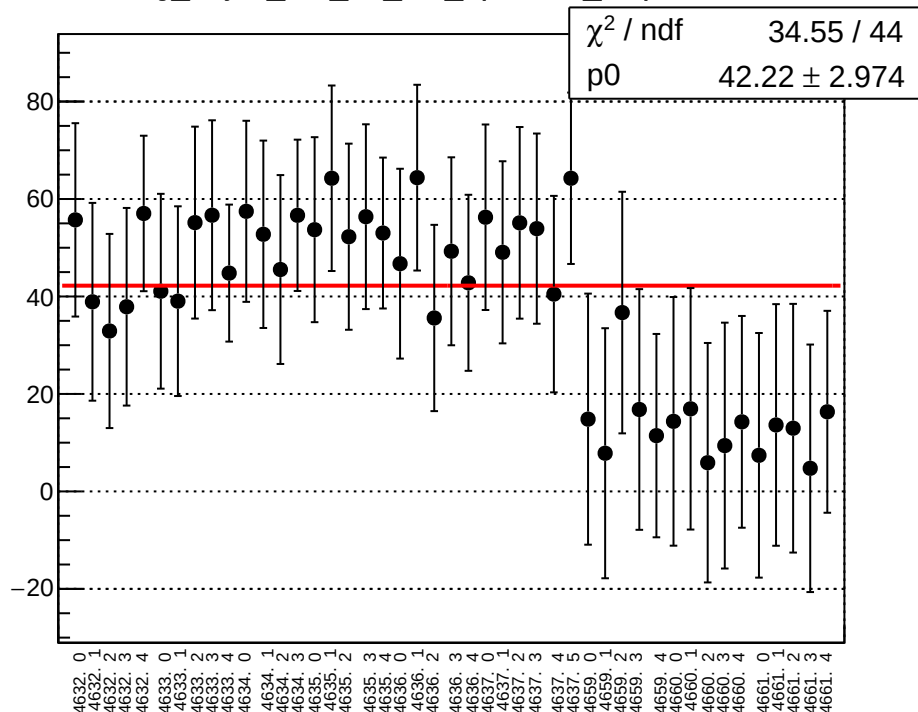
reg_asym_at1_dd_diff_bpm4aY_slope vs run



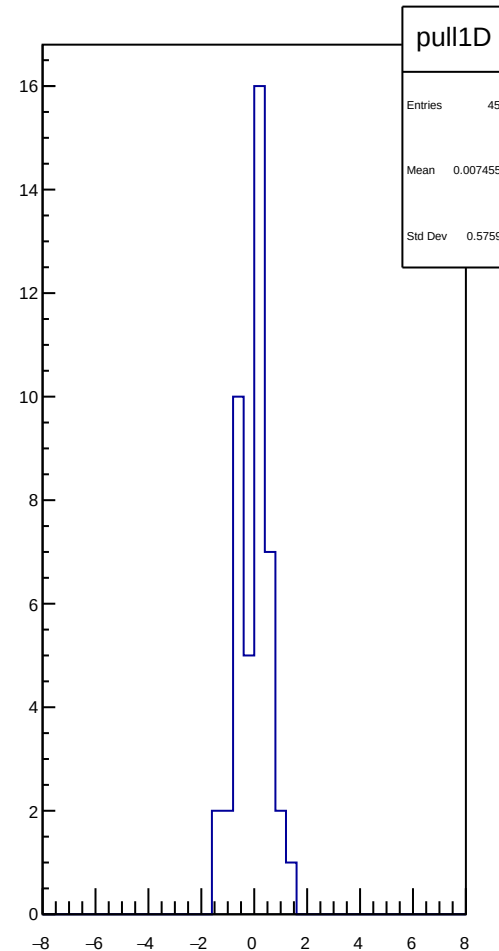
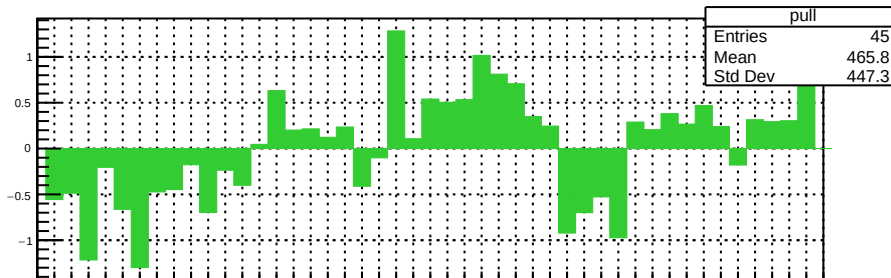
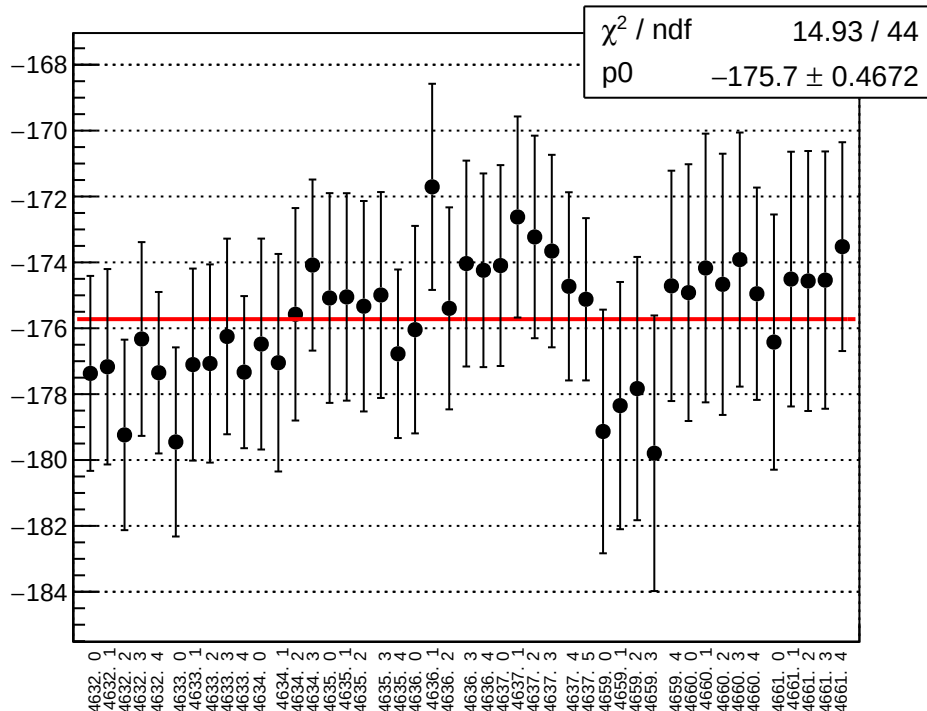
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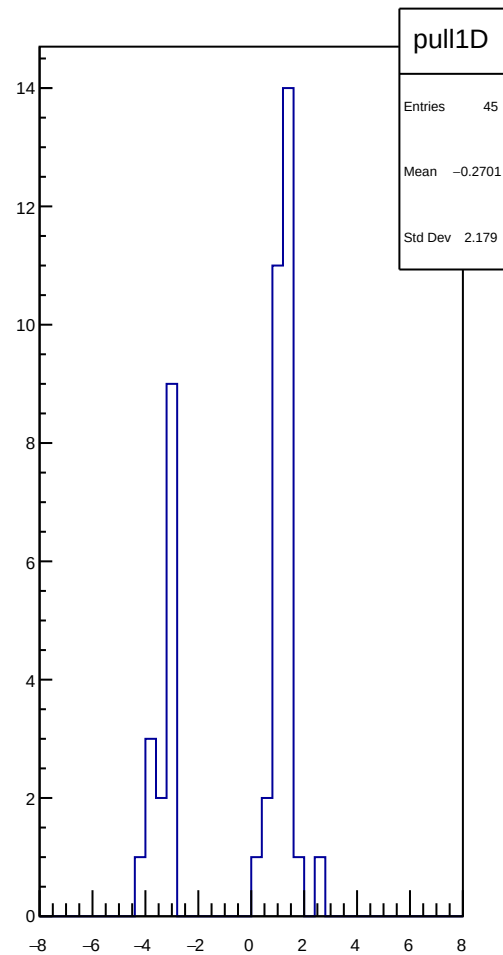
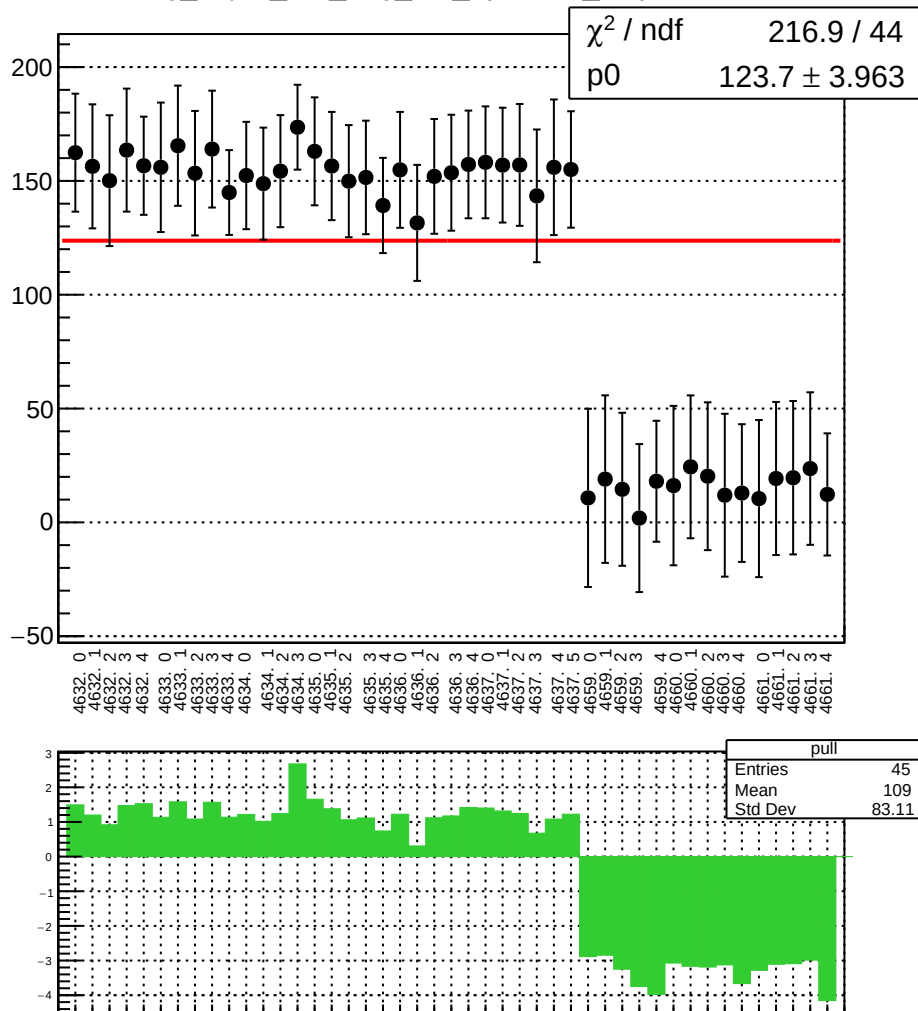
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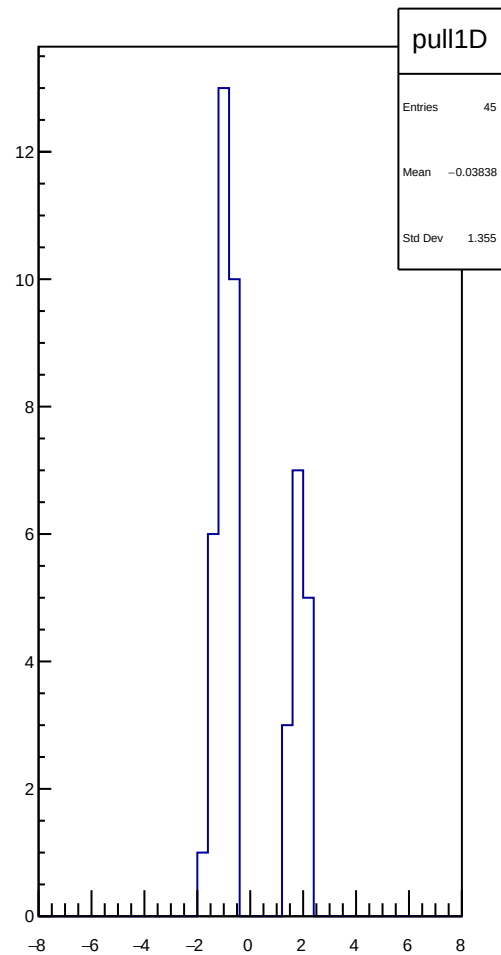
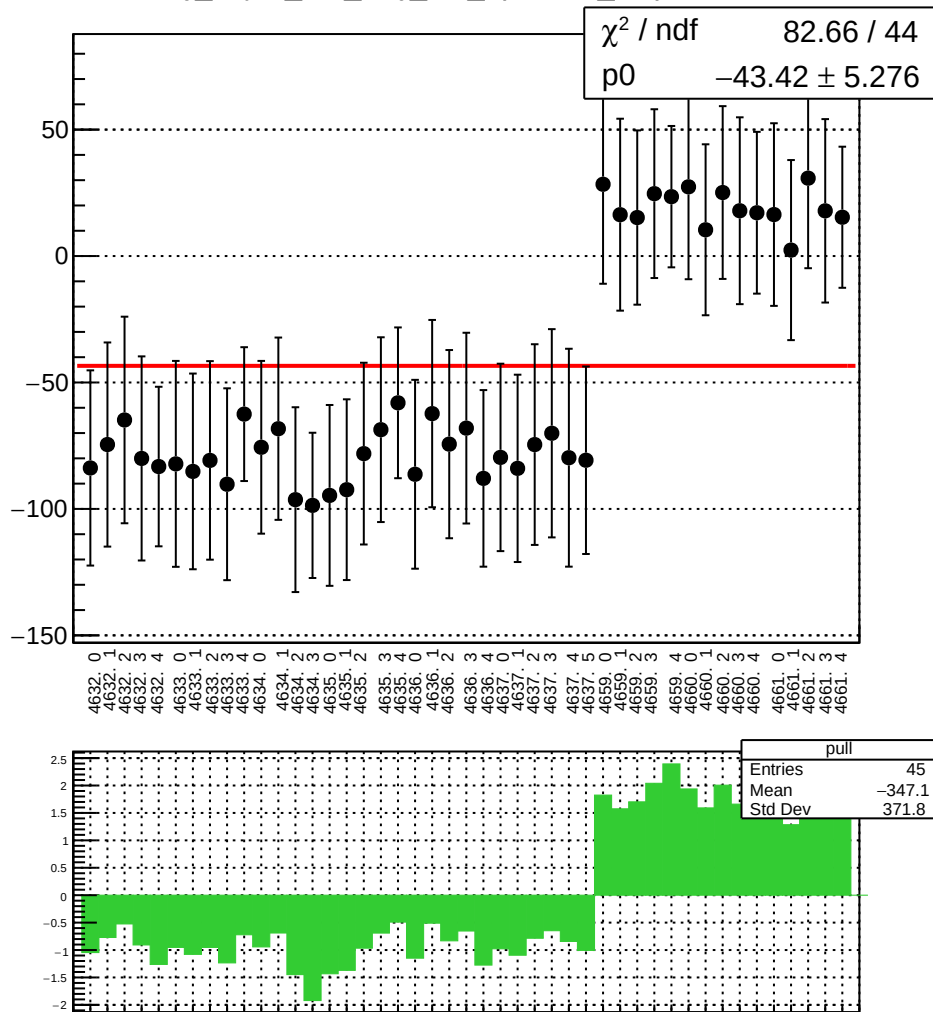
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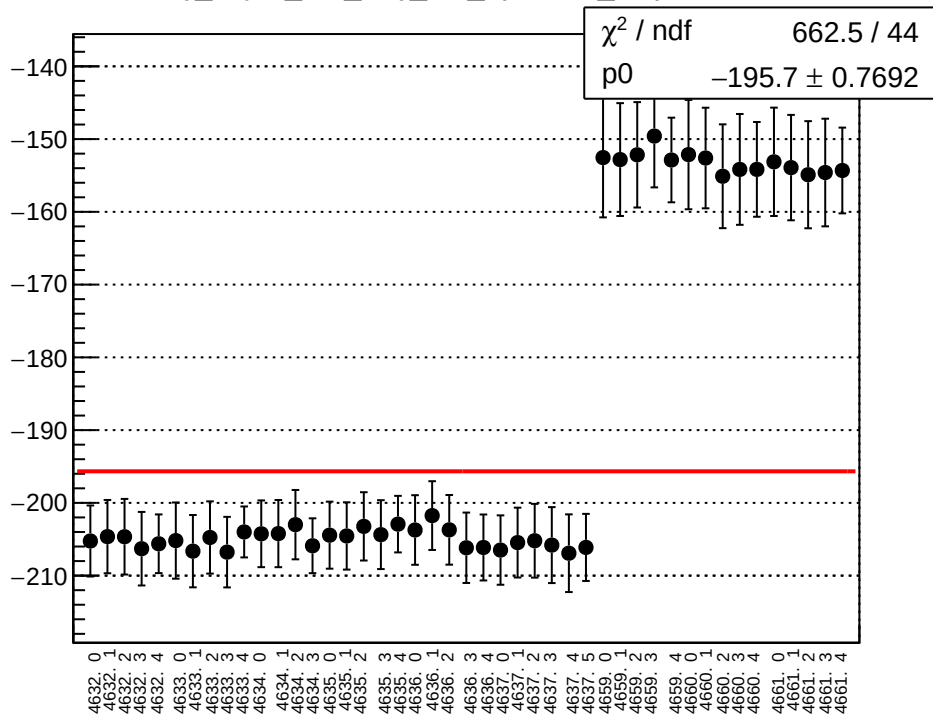
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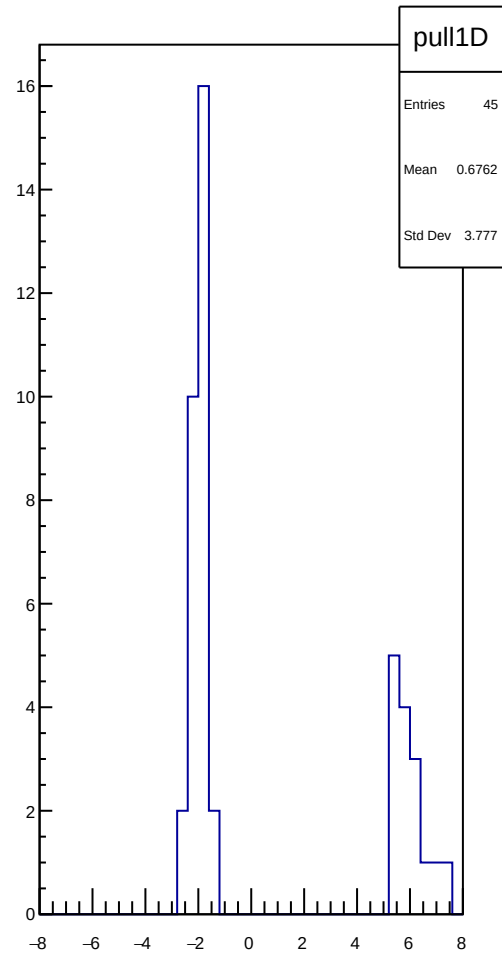
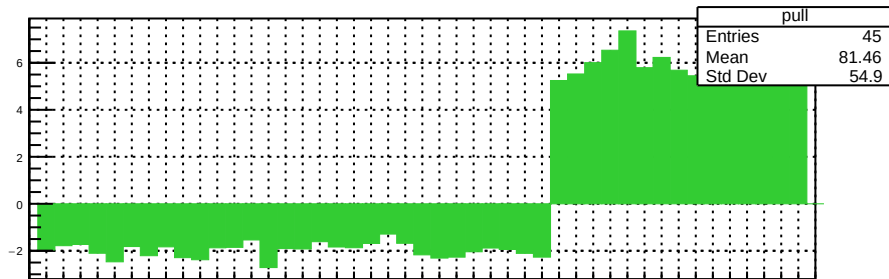
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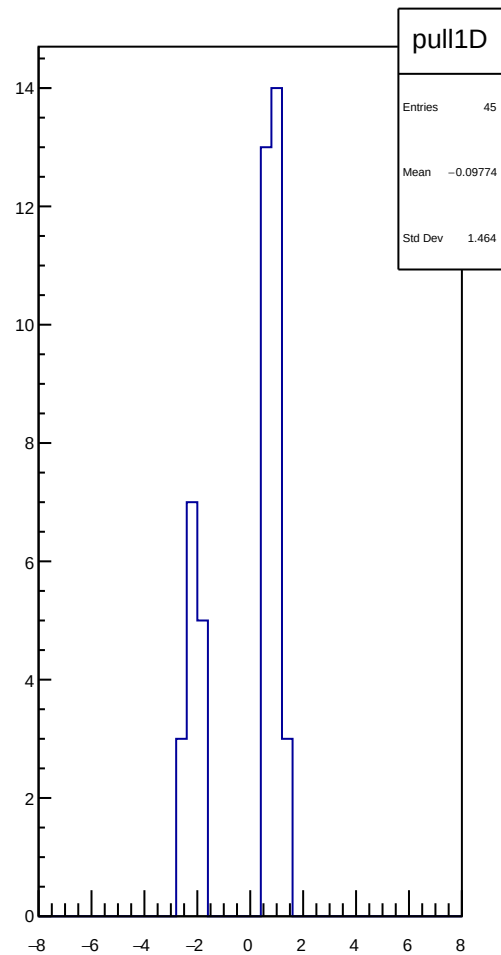
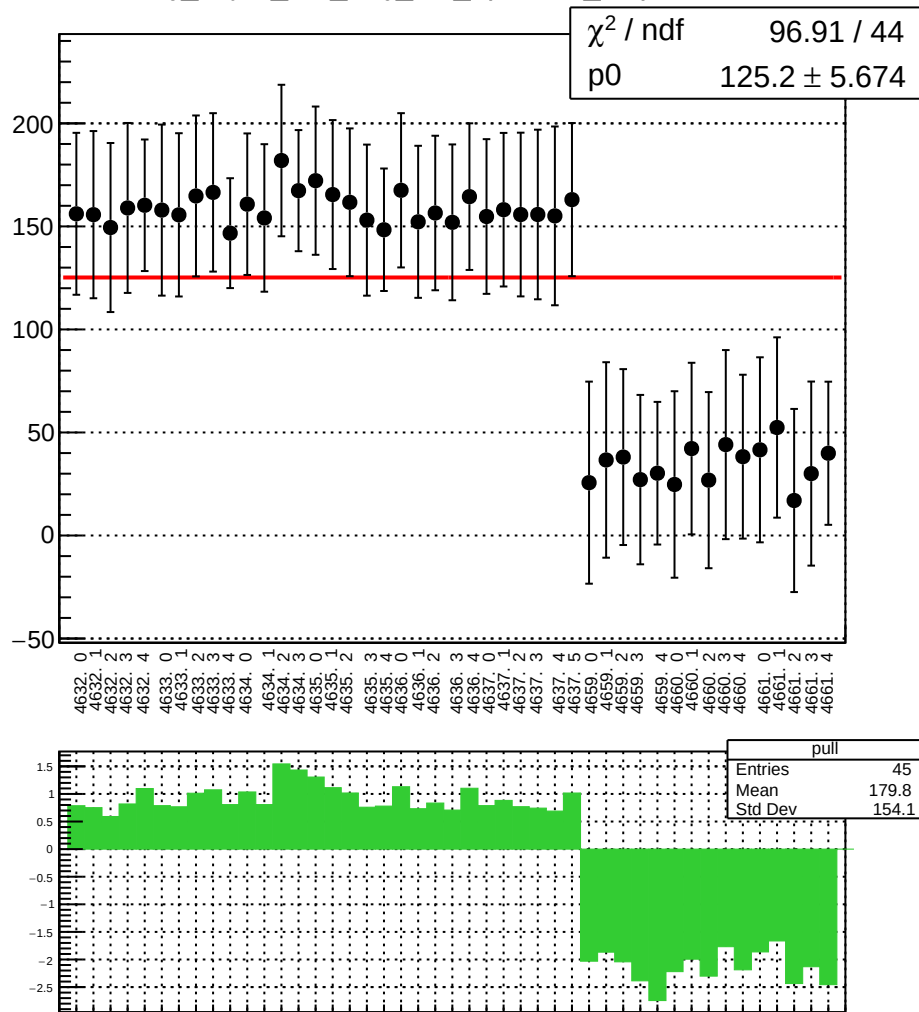
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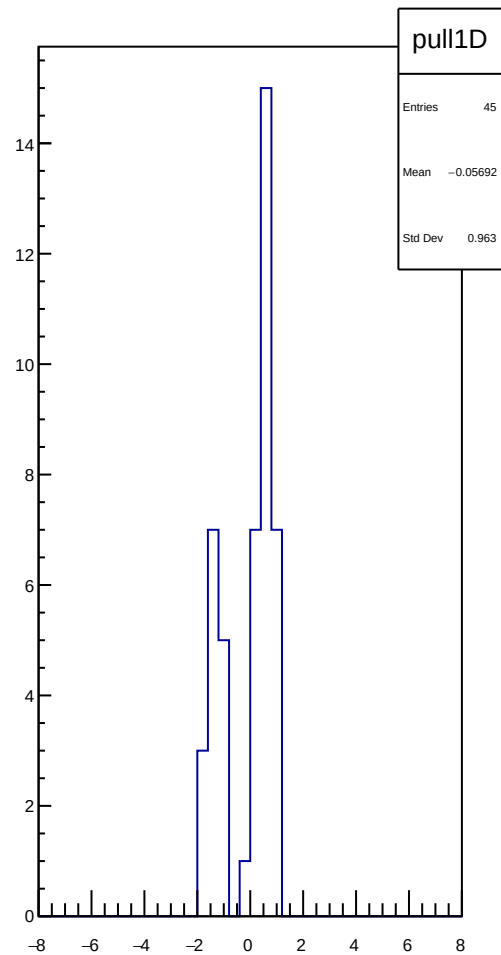
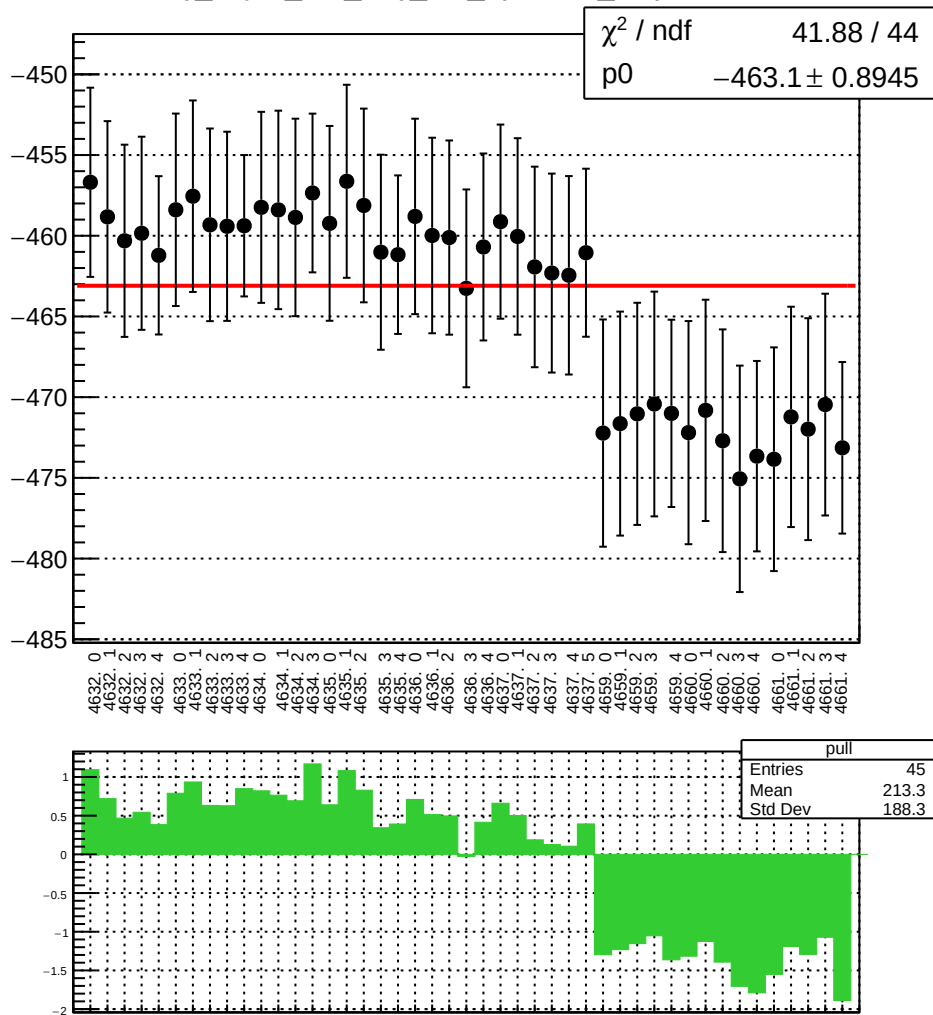
χ^2 / ndf 662.5 / 44
p0 -195.7 ± 0.7692



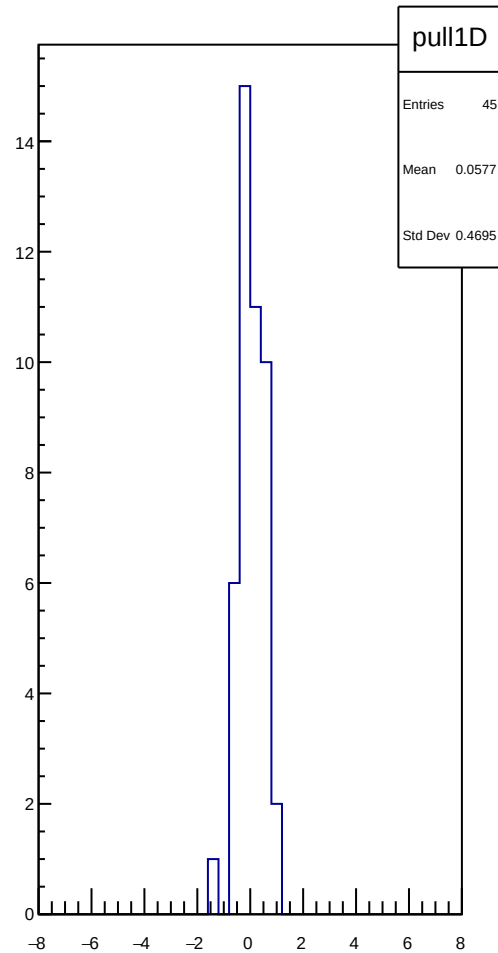
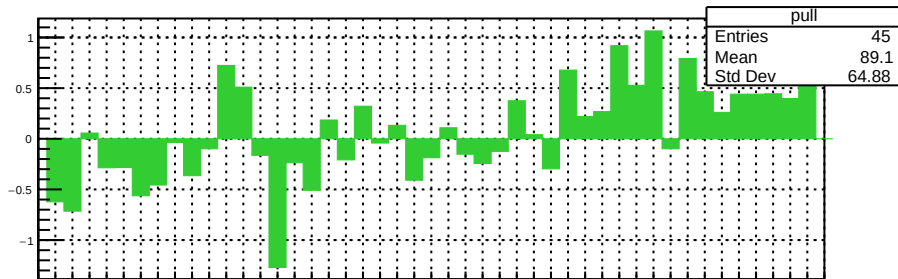
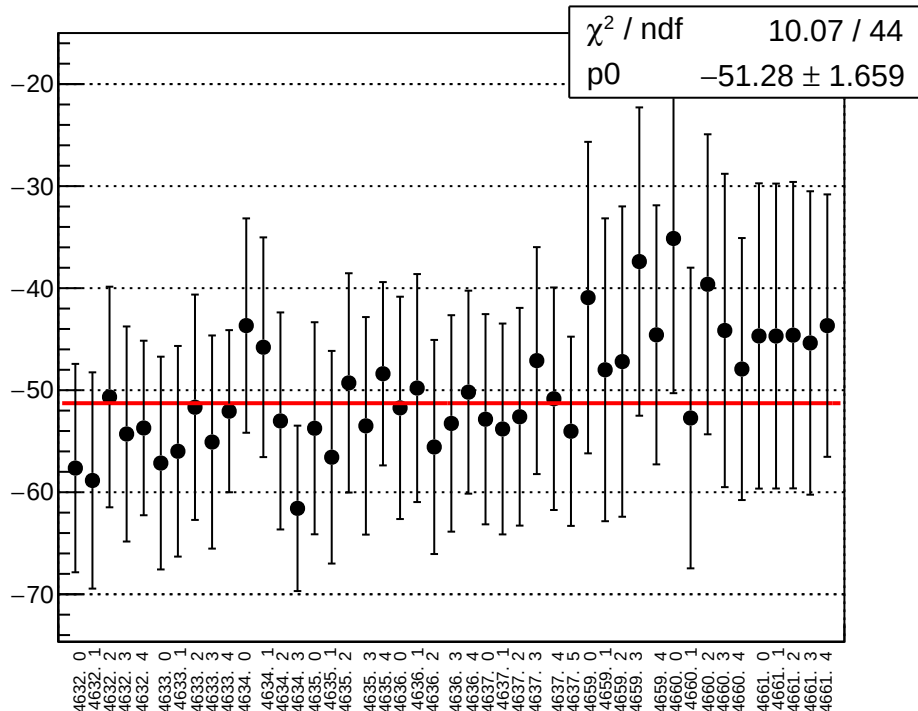
reg_asym_at2_avg_diff_bpm4eY_slope vs run



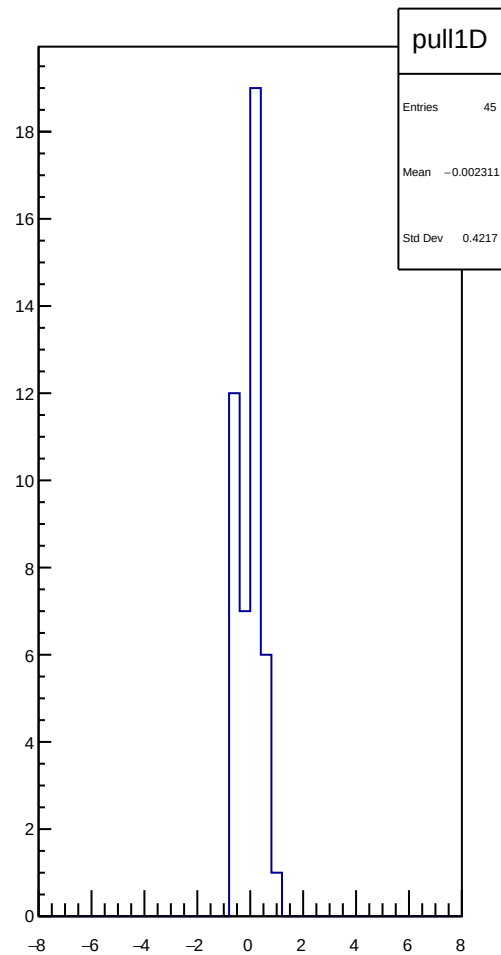
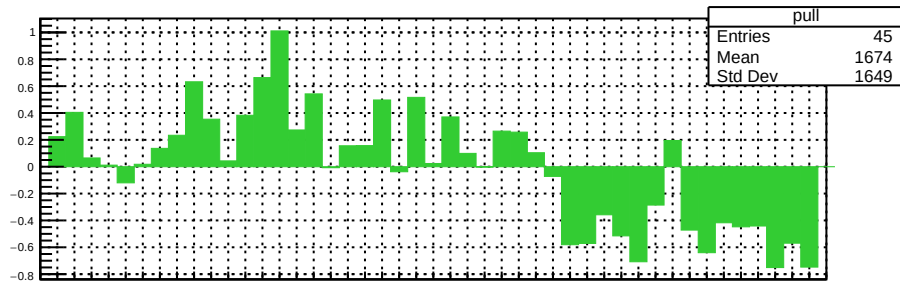
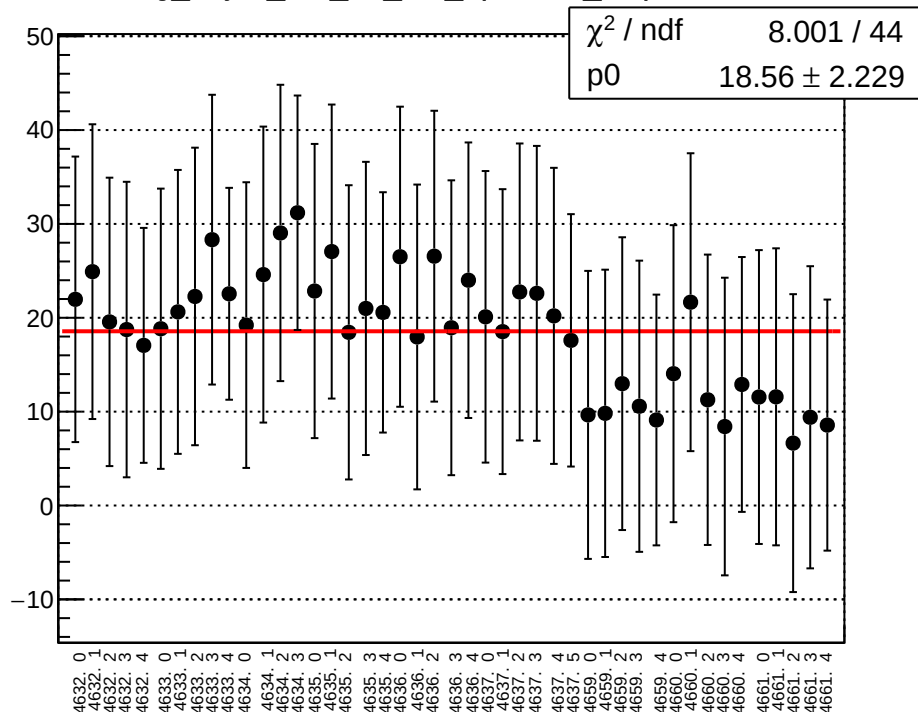
reg_asym_at2_avg_diff_bpm11X_slope vs run



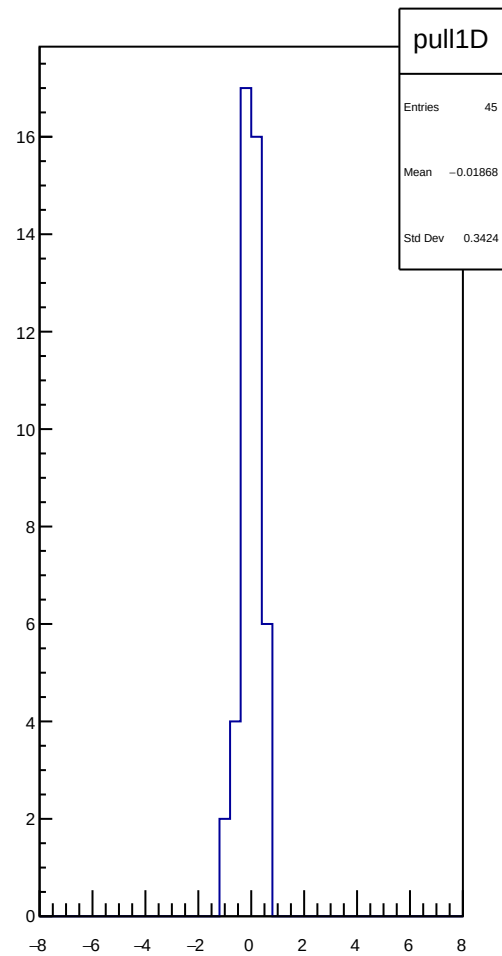
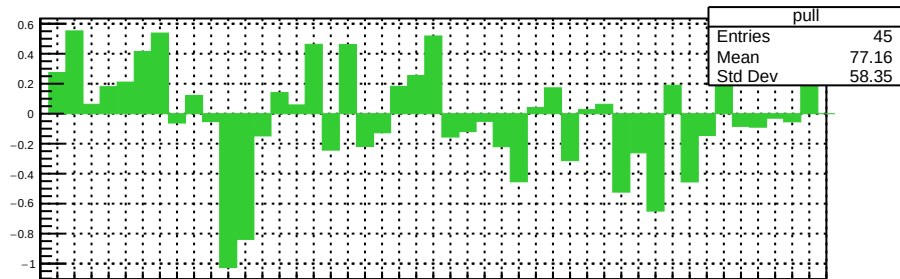
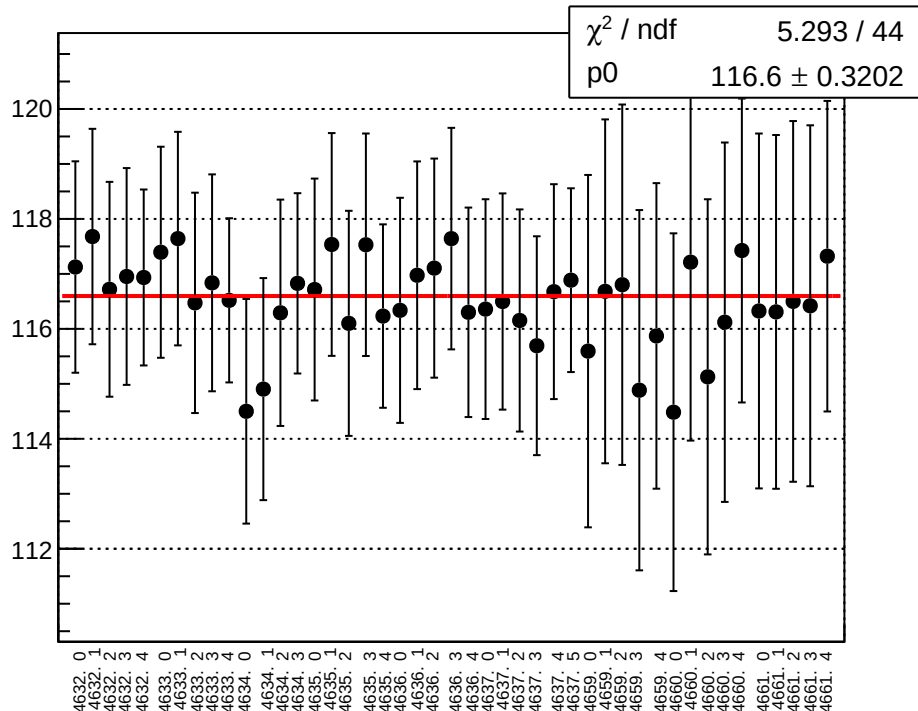
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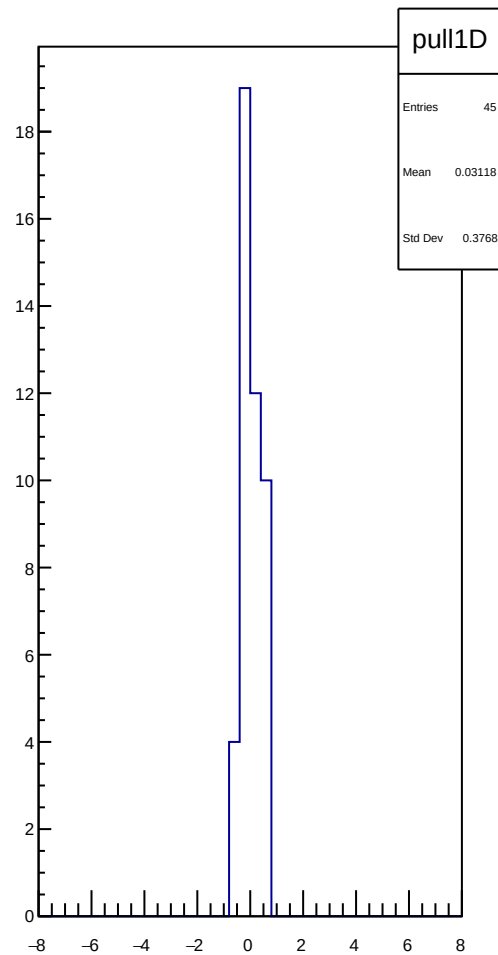
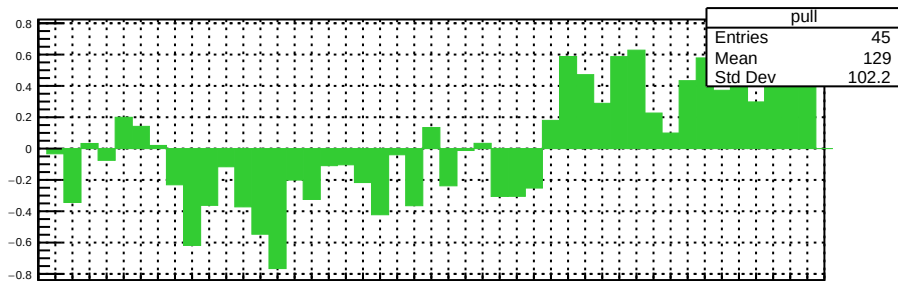
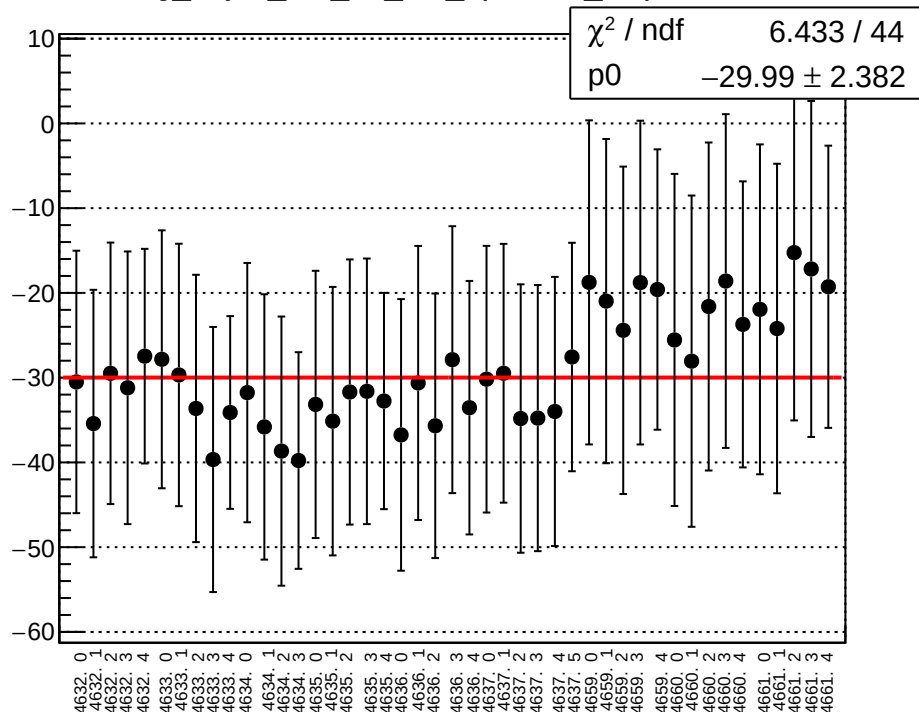
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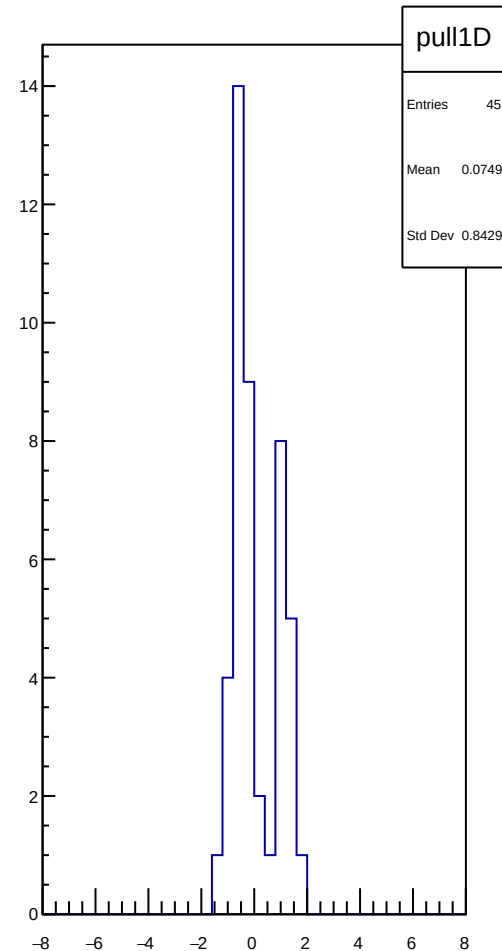
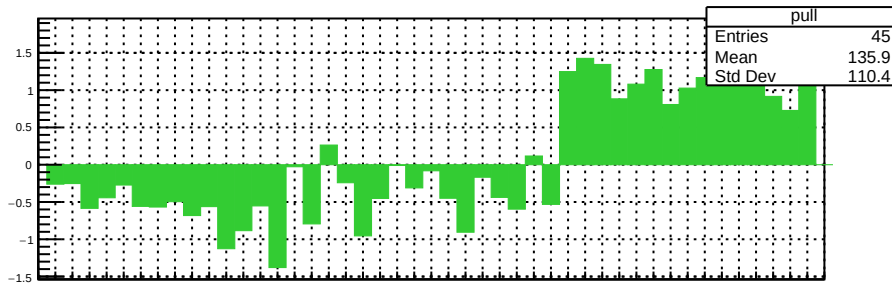
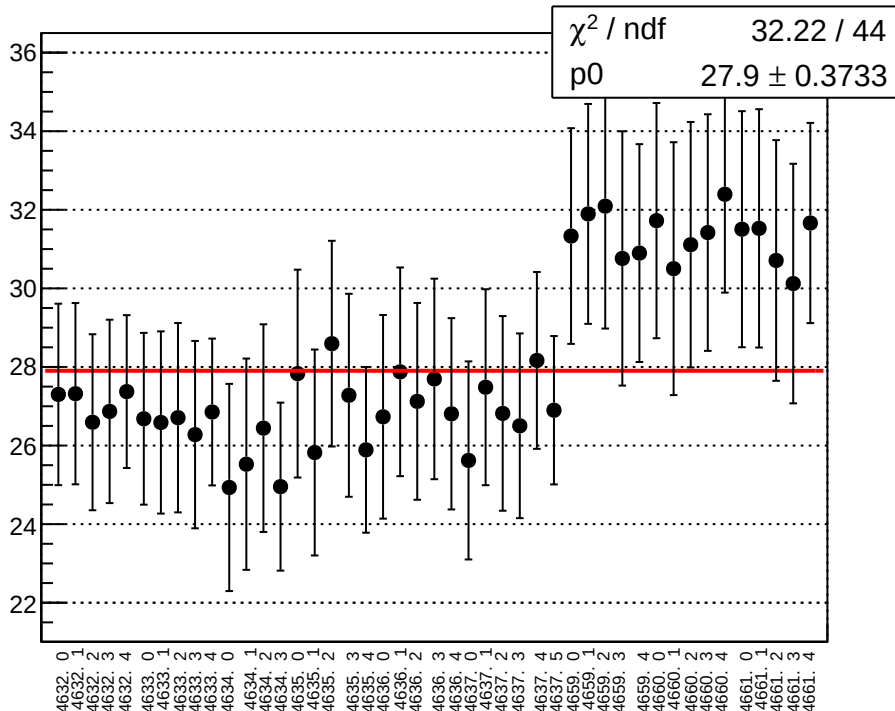
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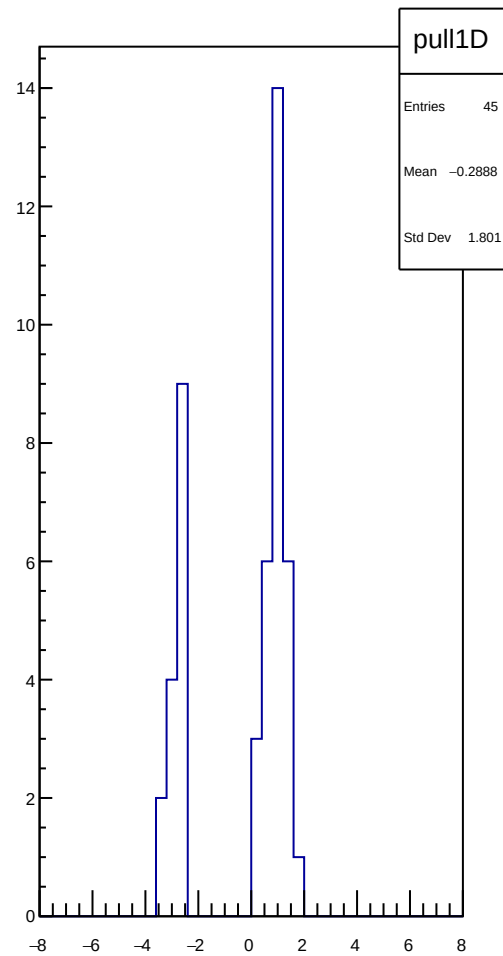
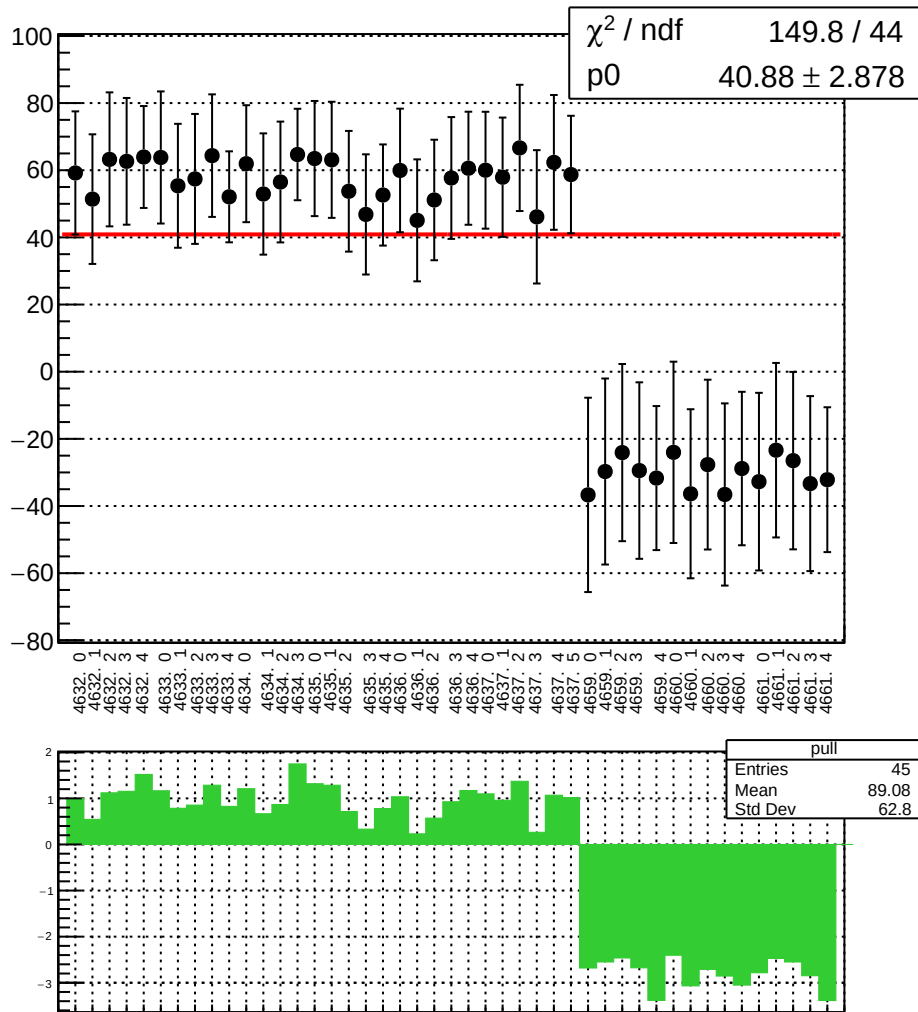
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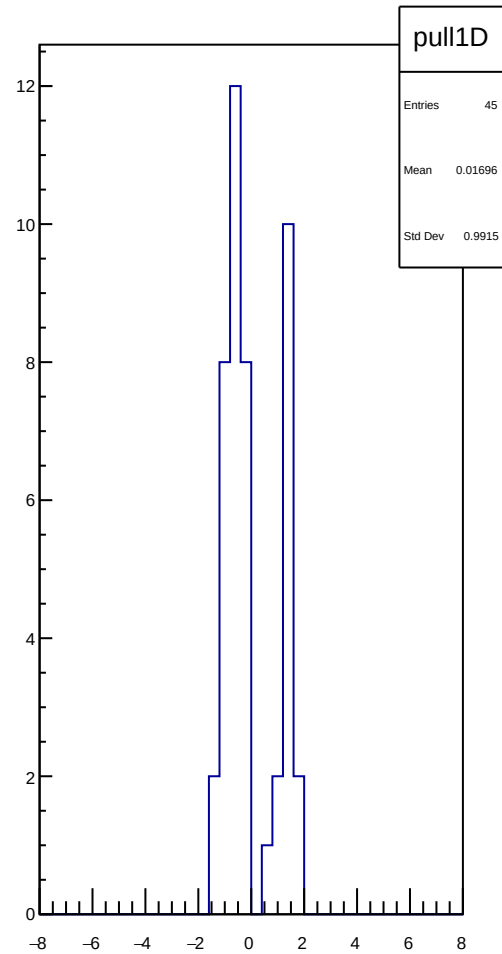
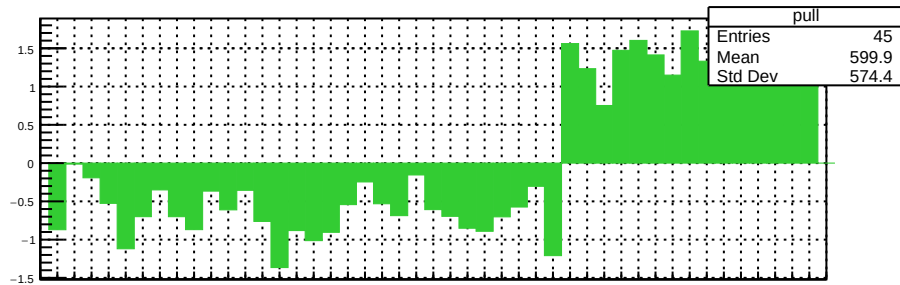
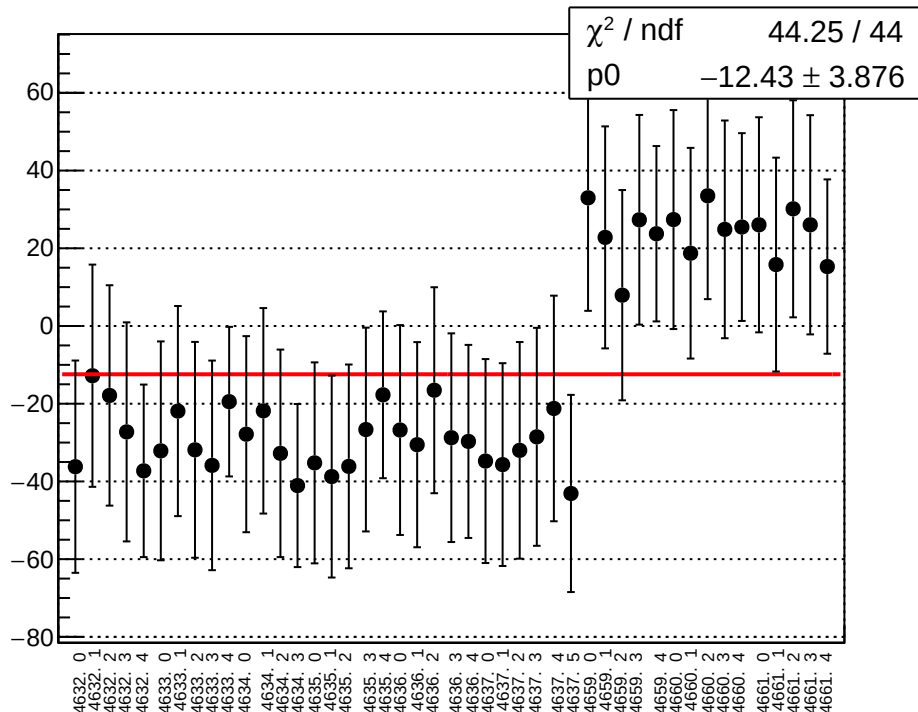
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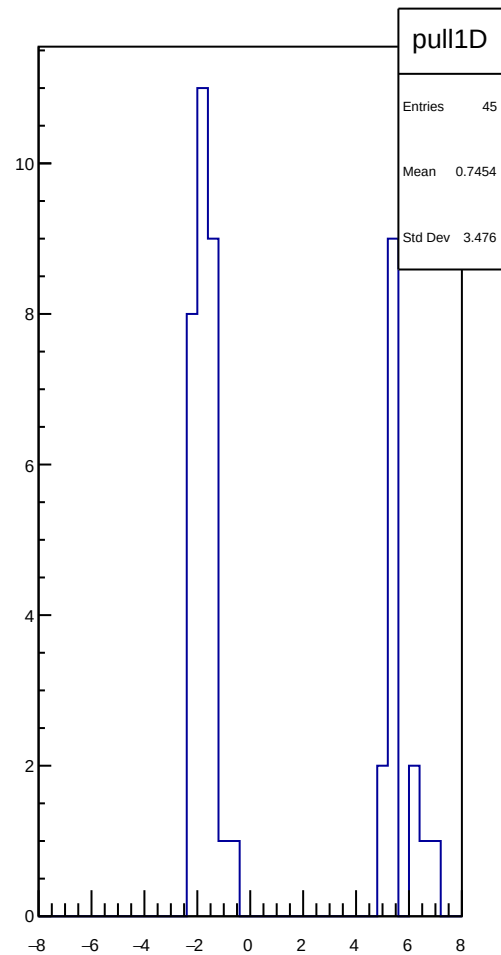
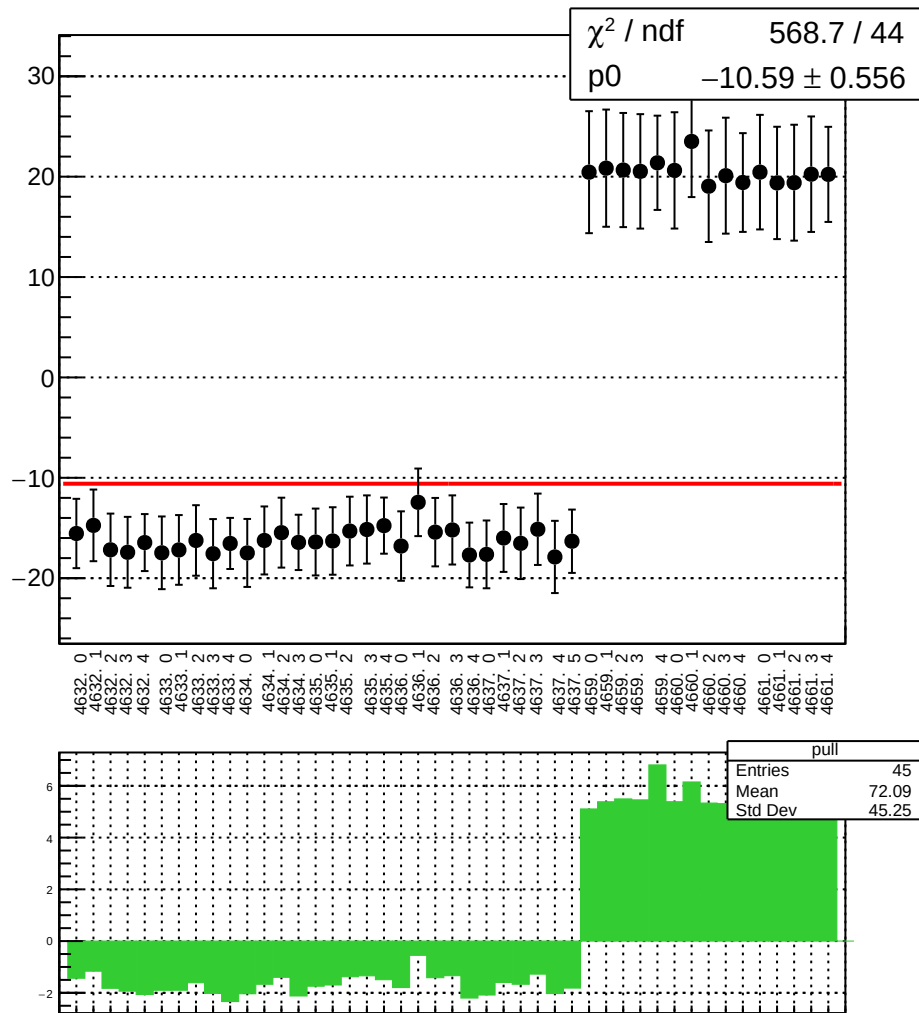
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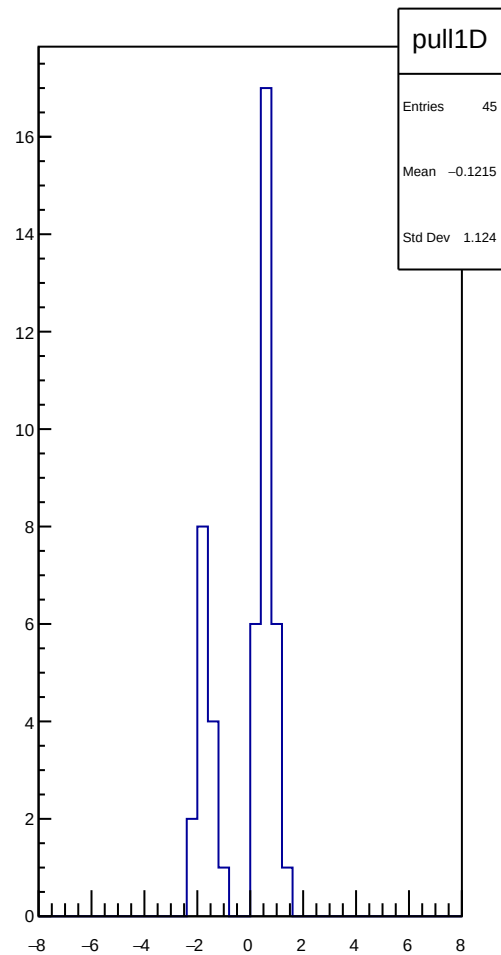
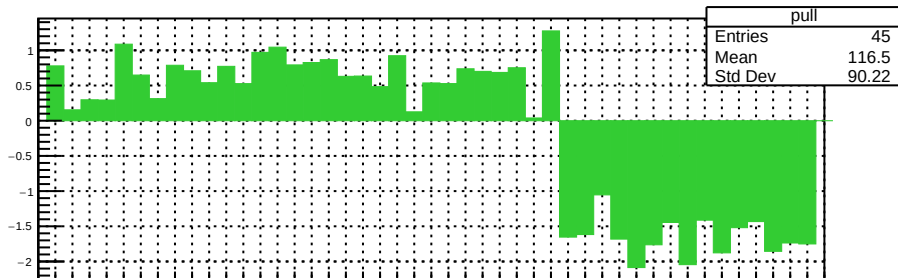
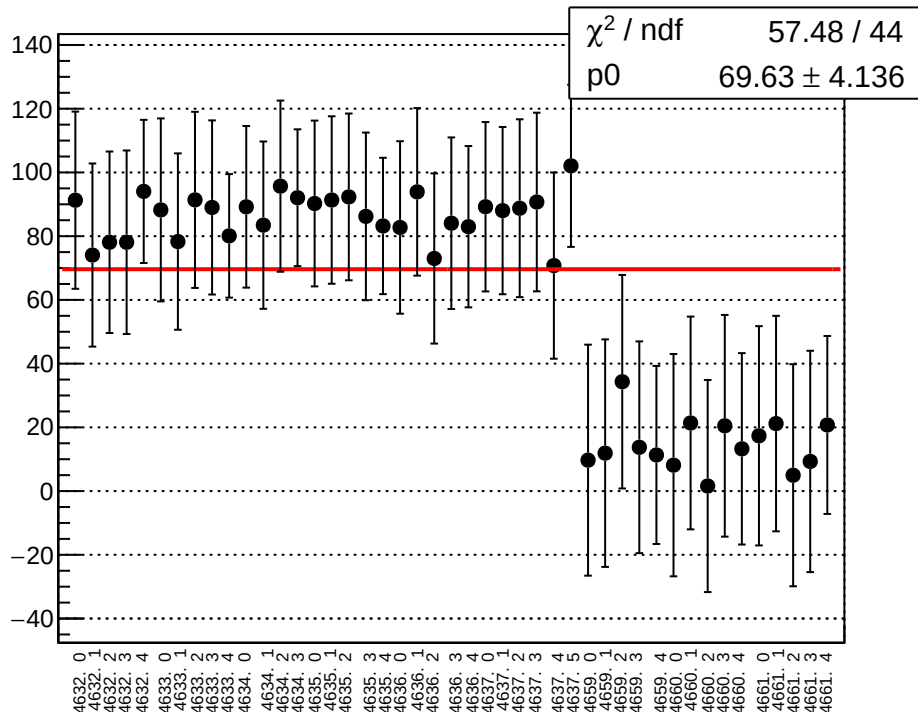
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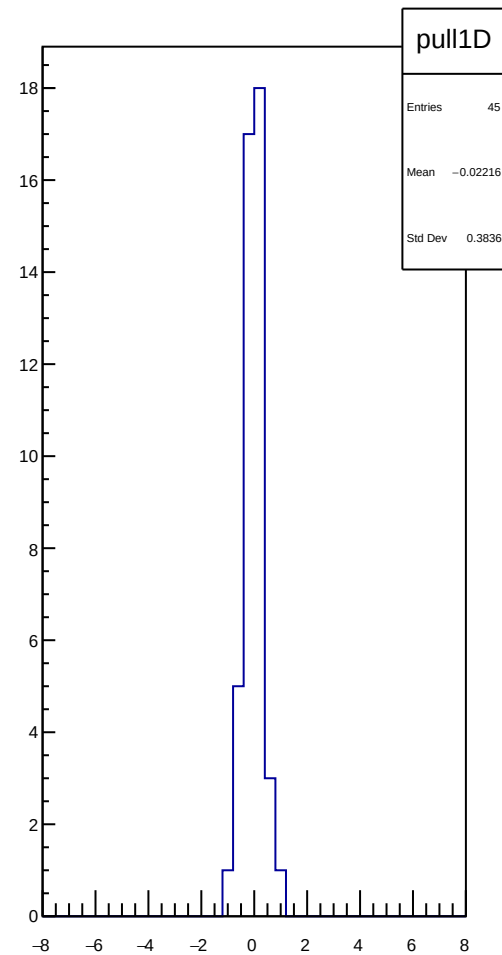
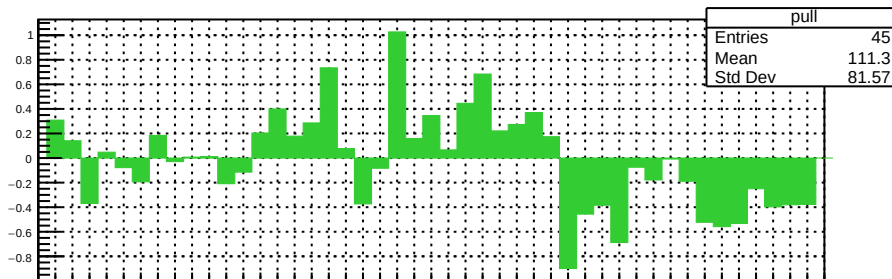
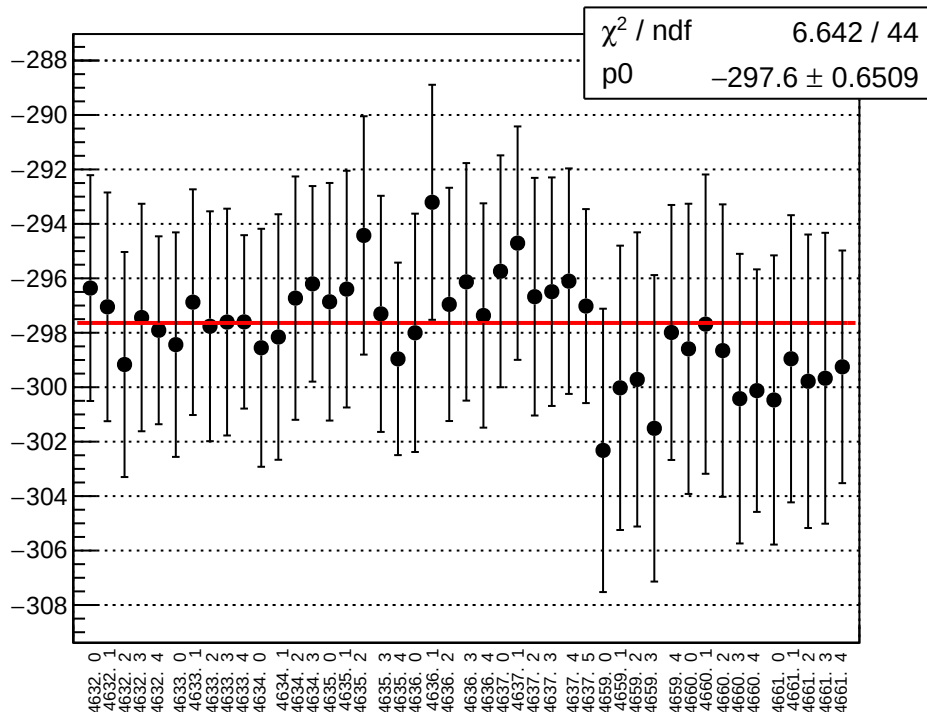
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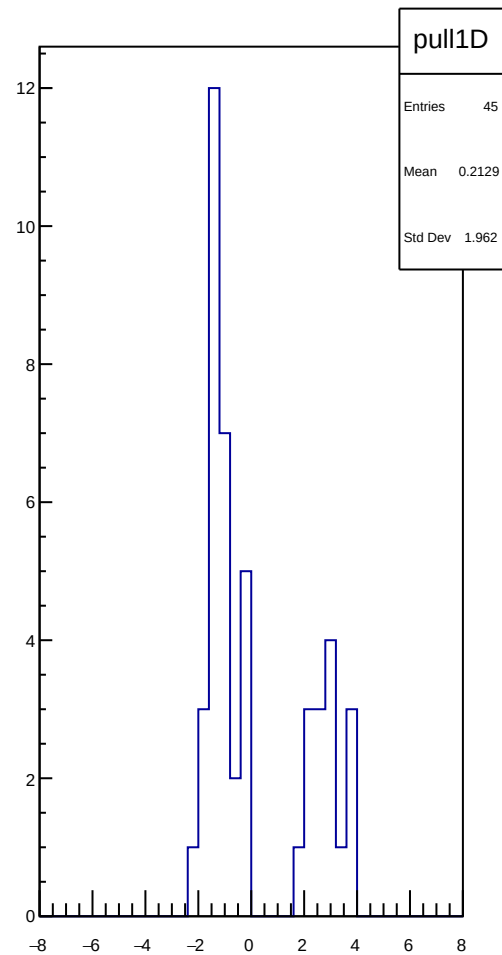
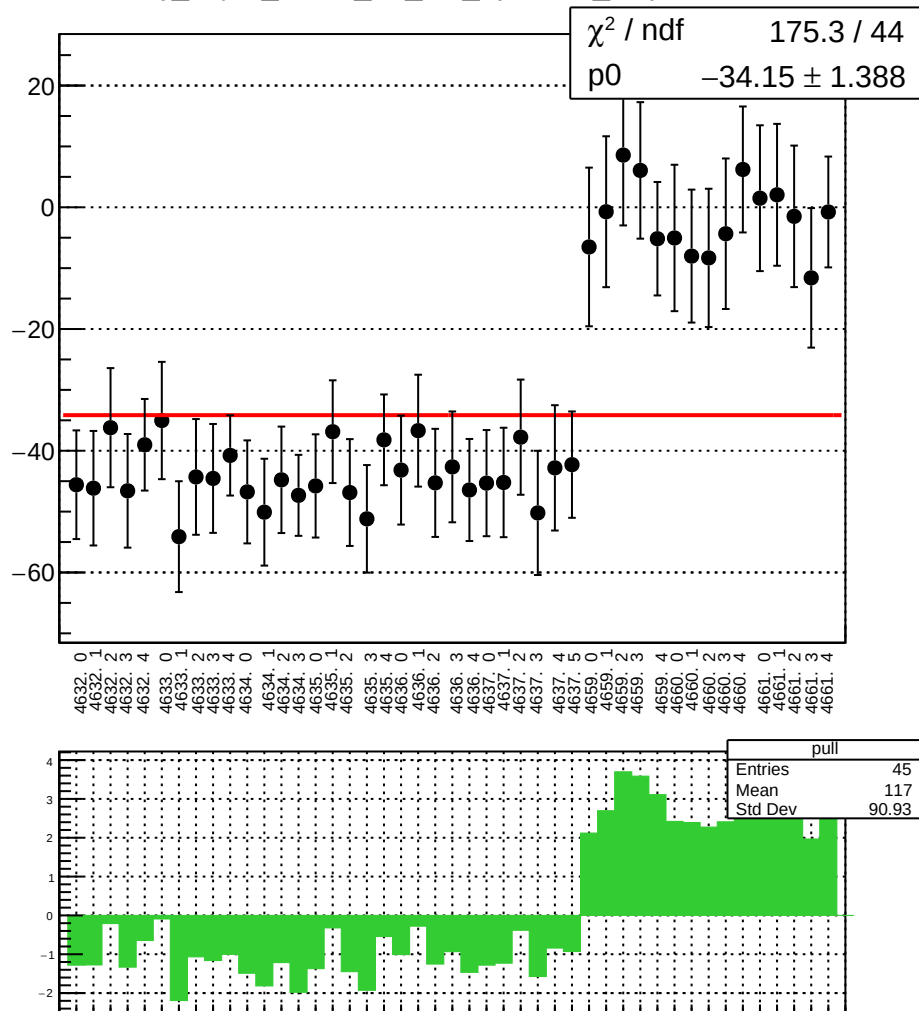
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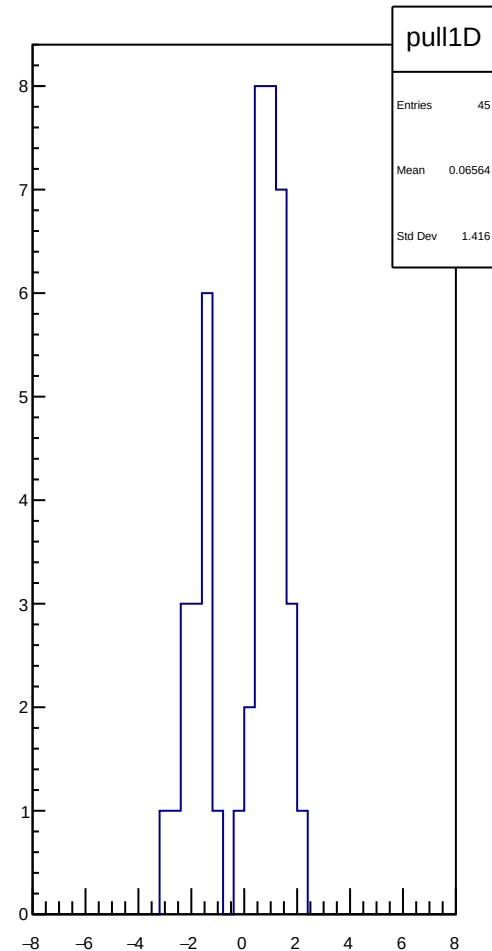
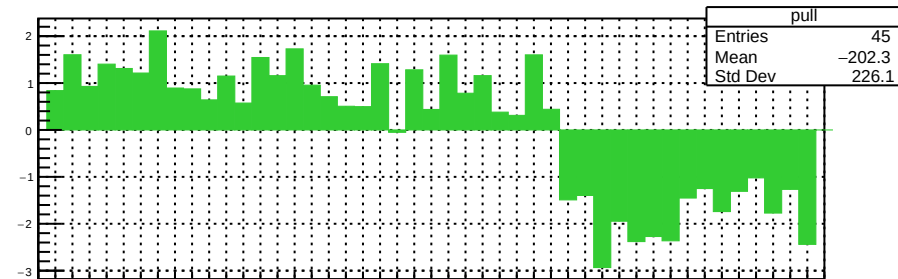
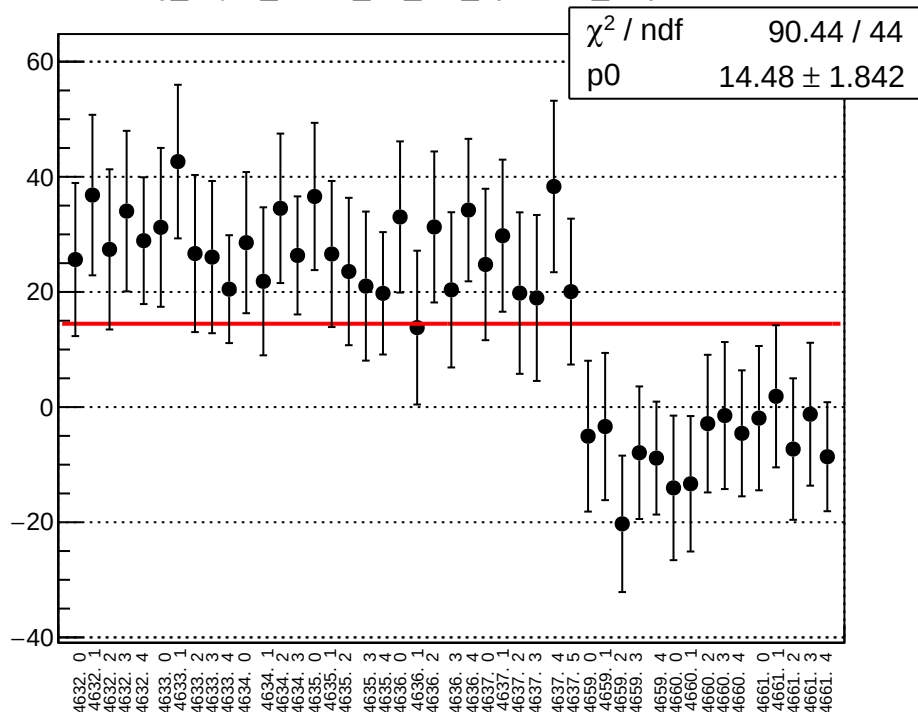
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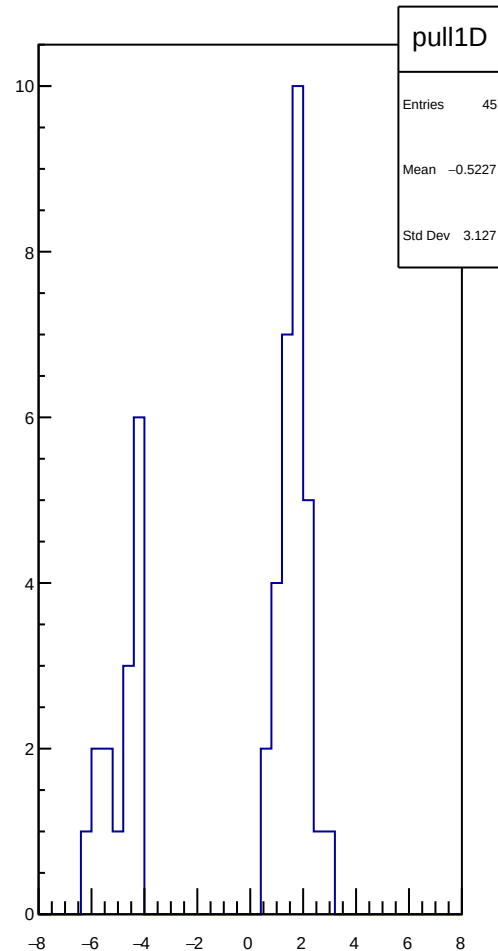
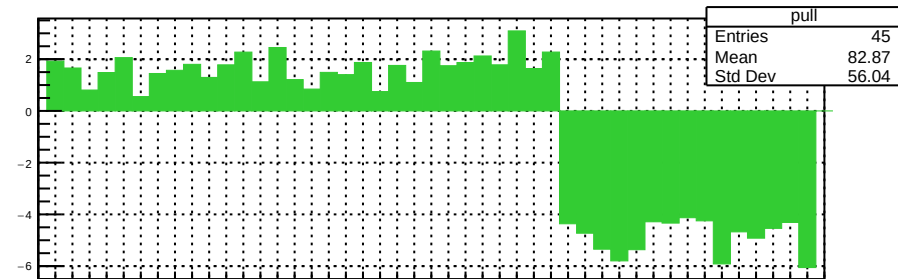
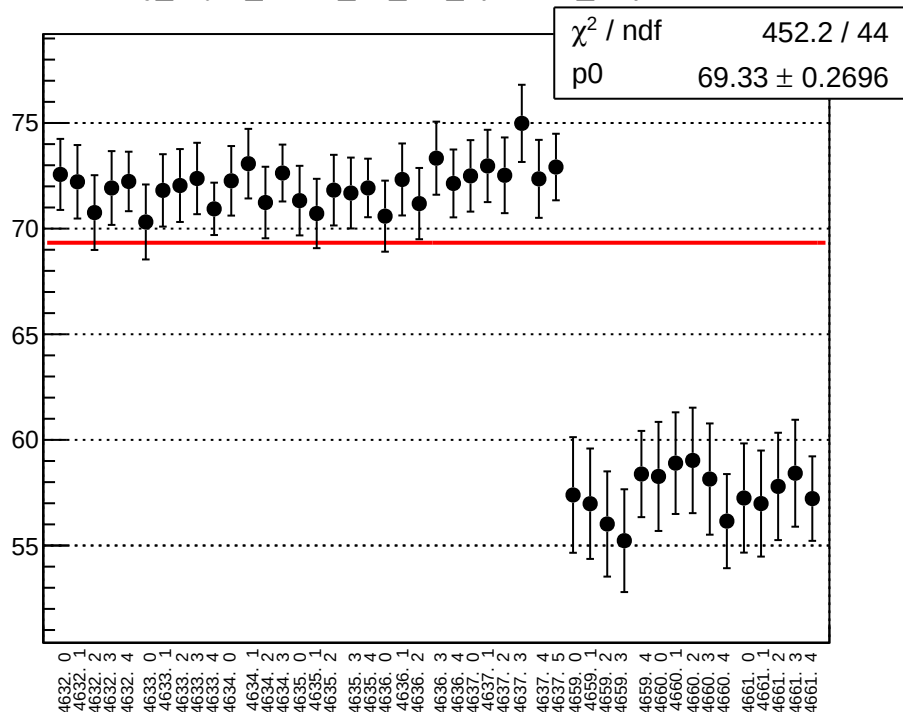
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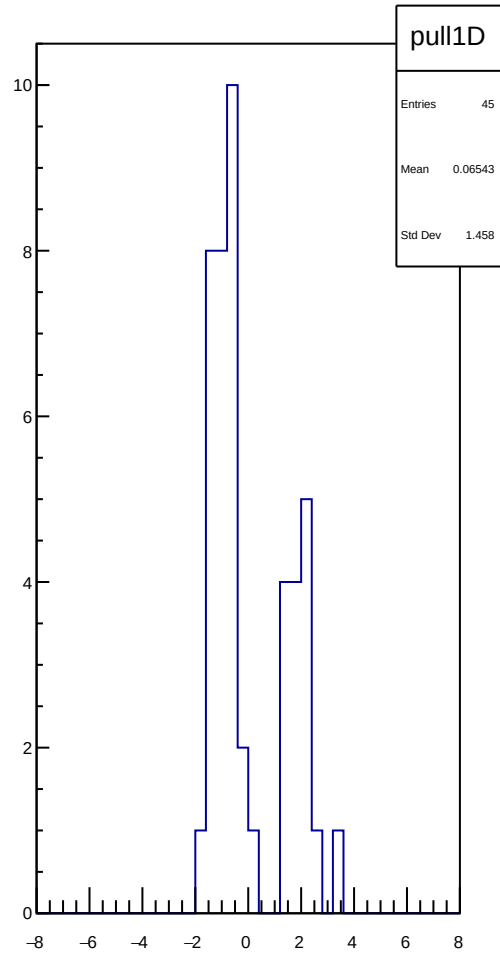
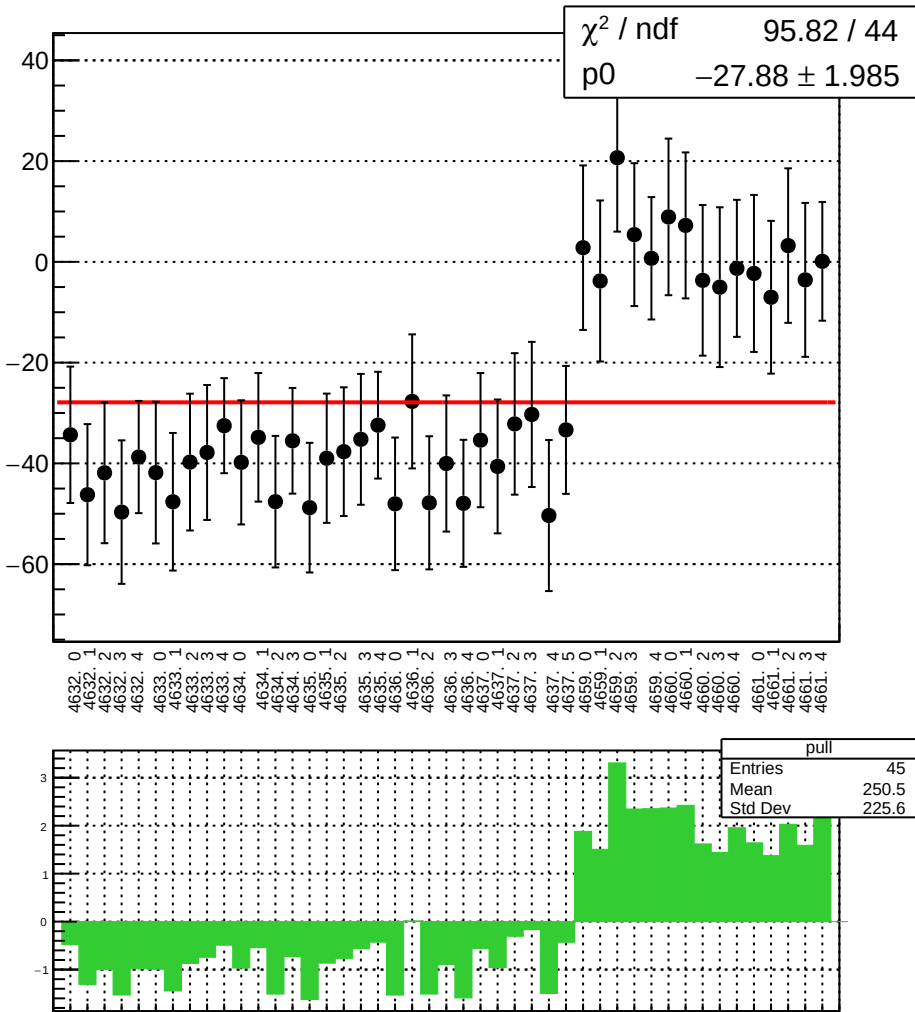
reg_asym_atl1r2_dd_diff_bpm4aY_slope vs run



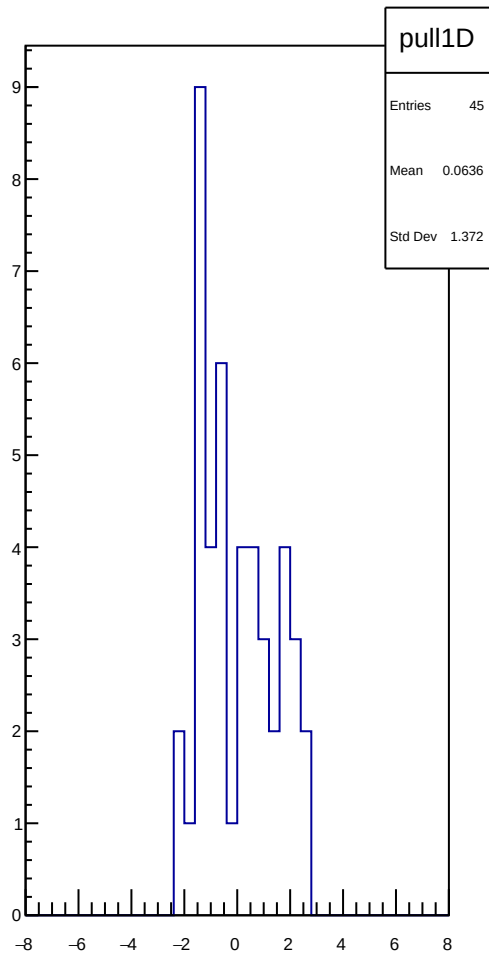
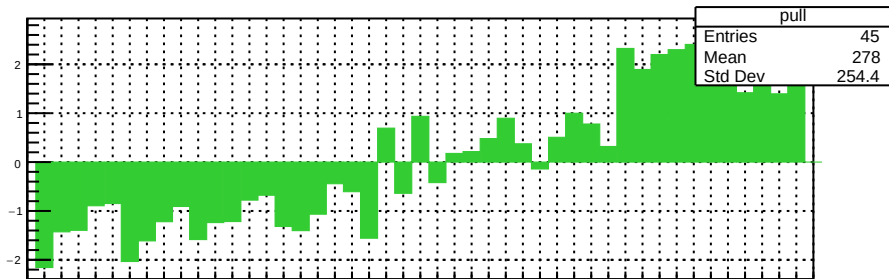
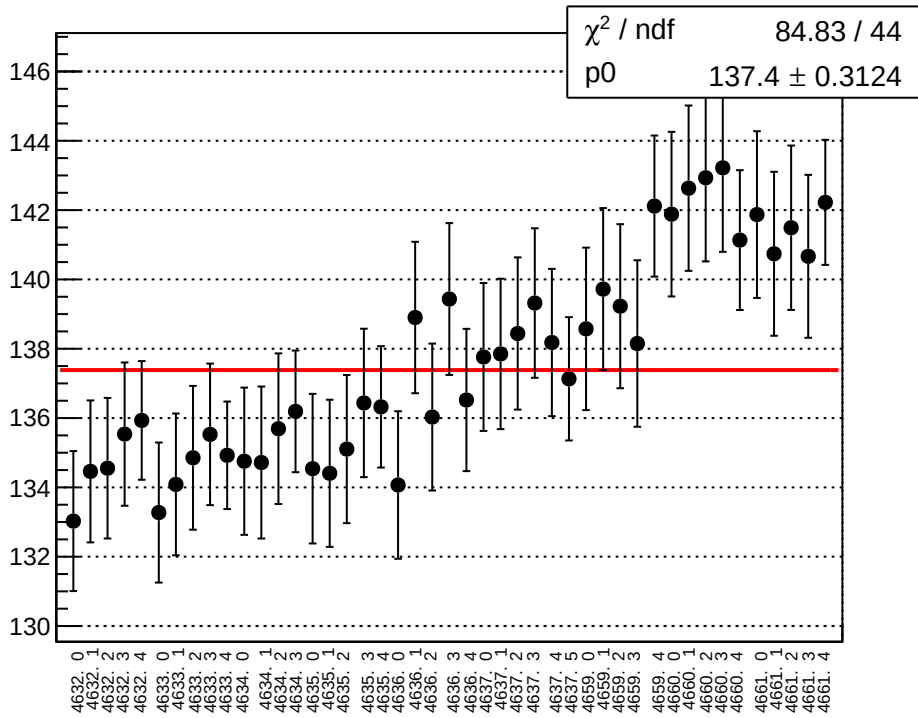
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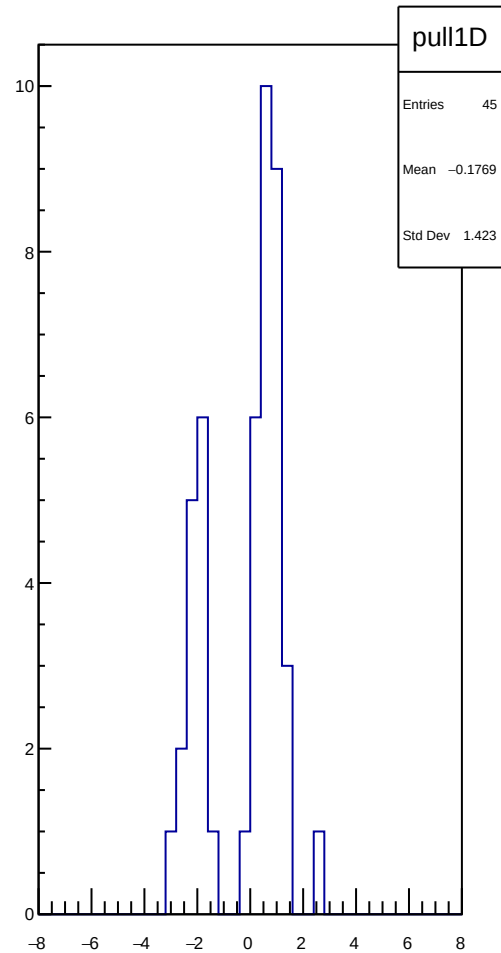
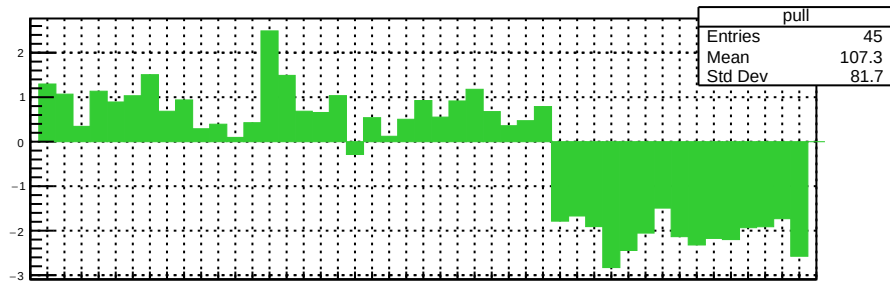
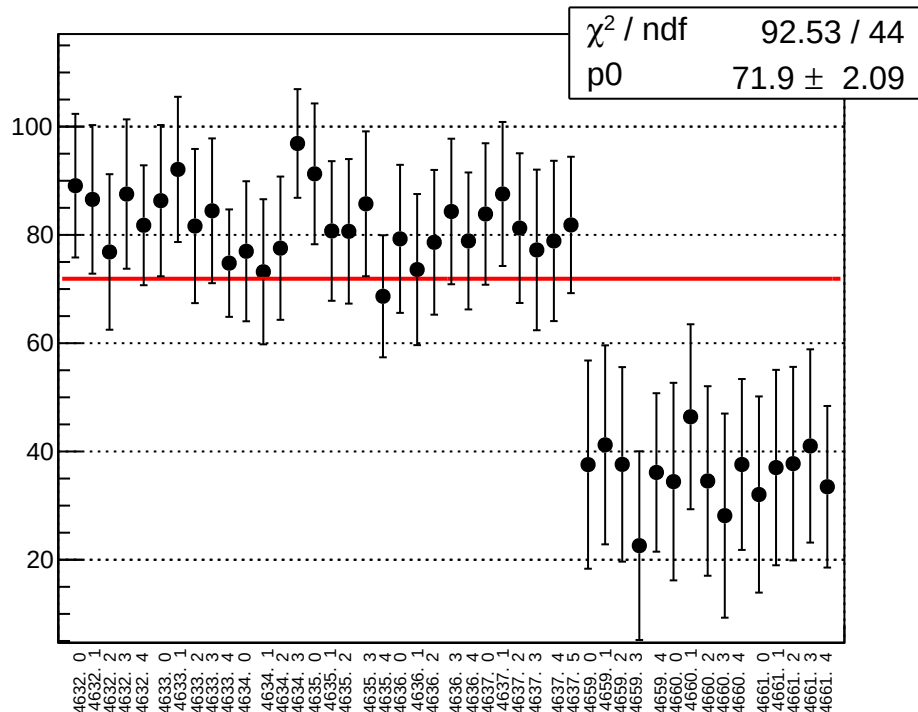
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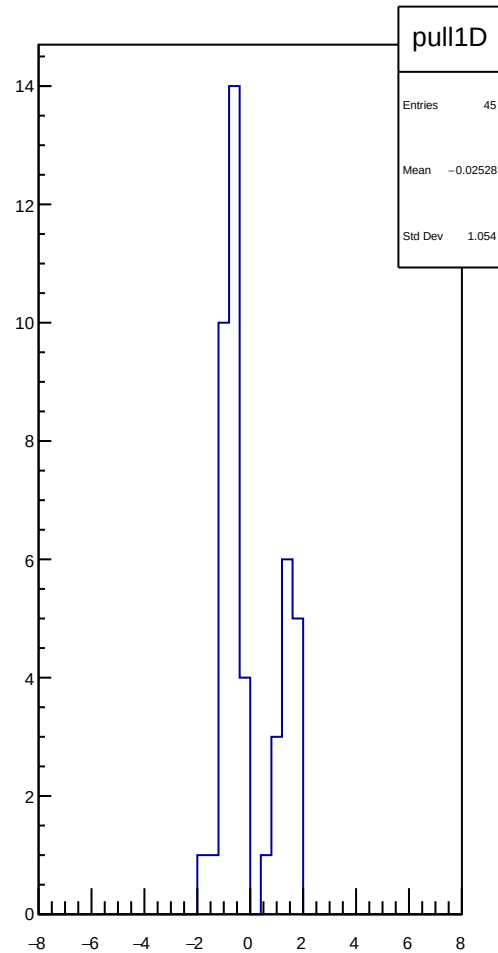
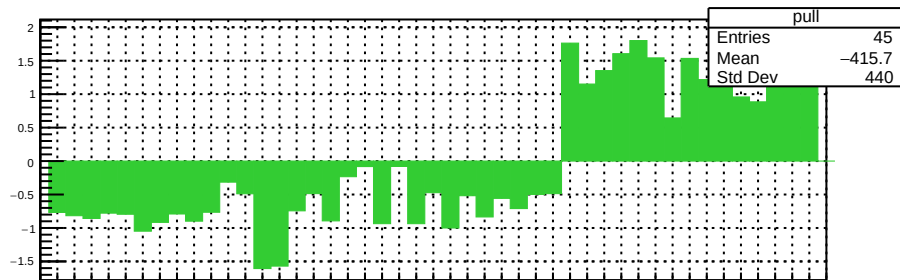
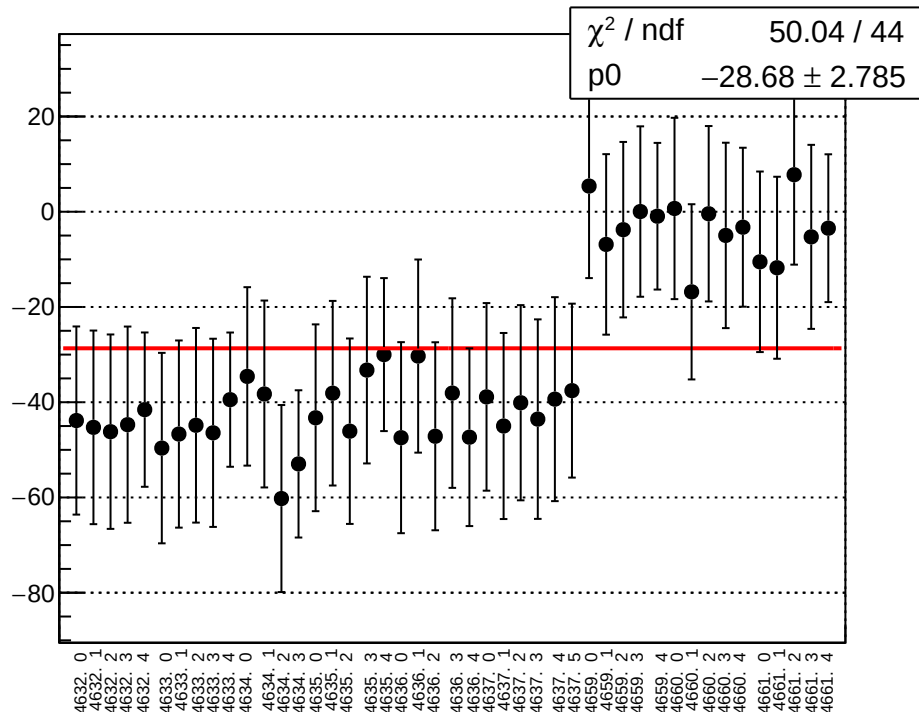
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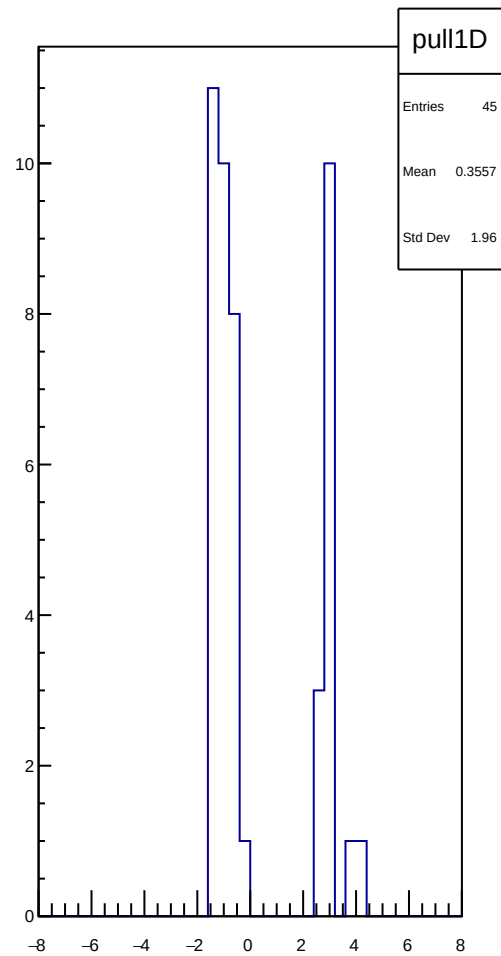
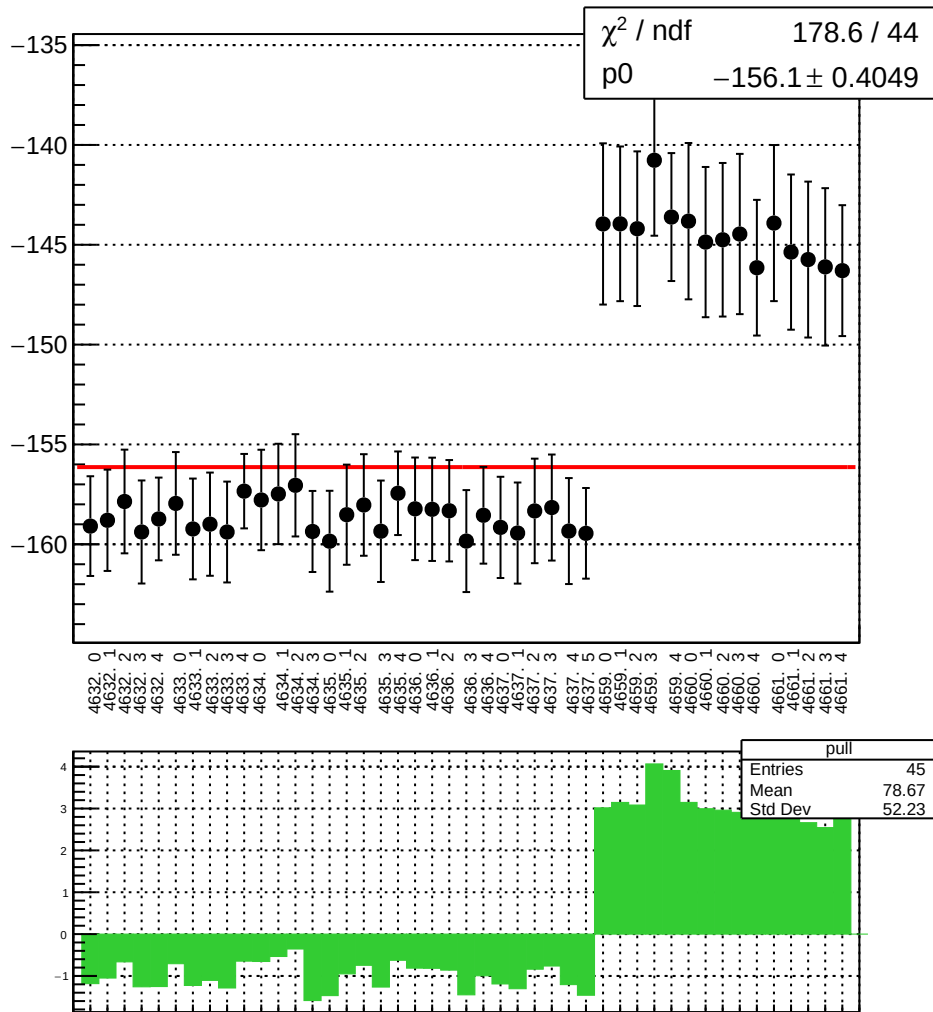
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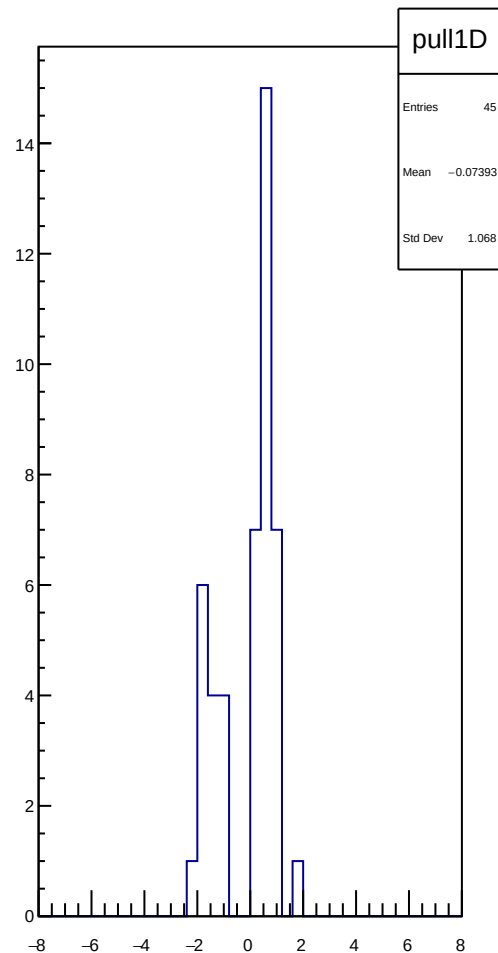
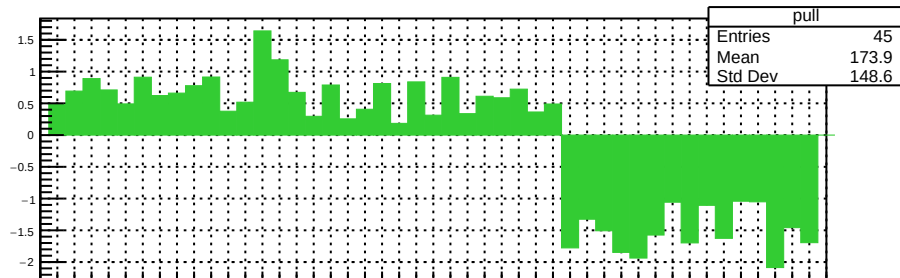
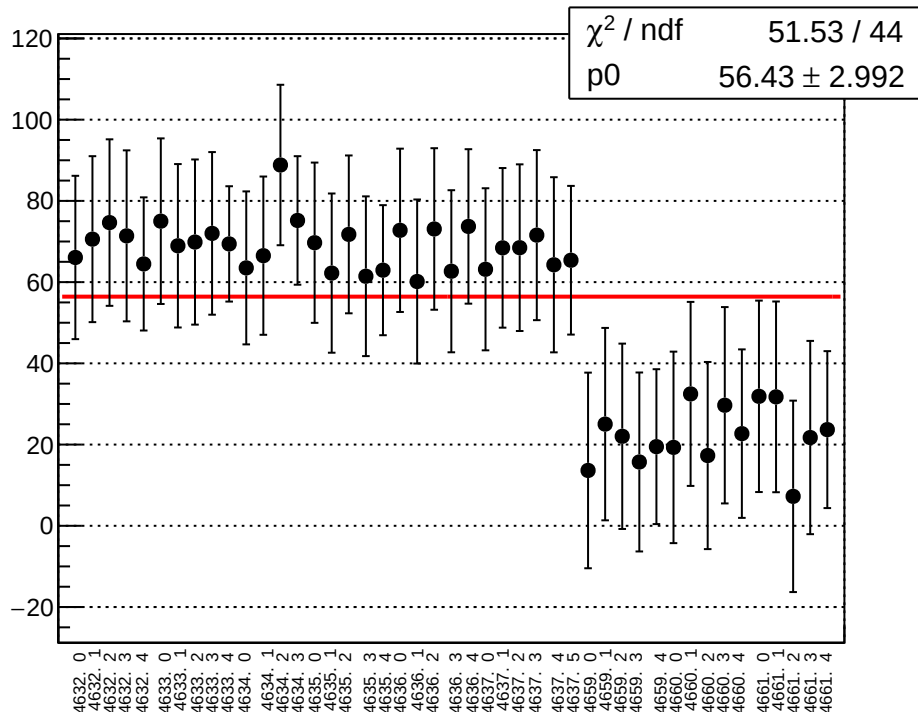
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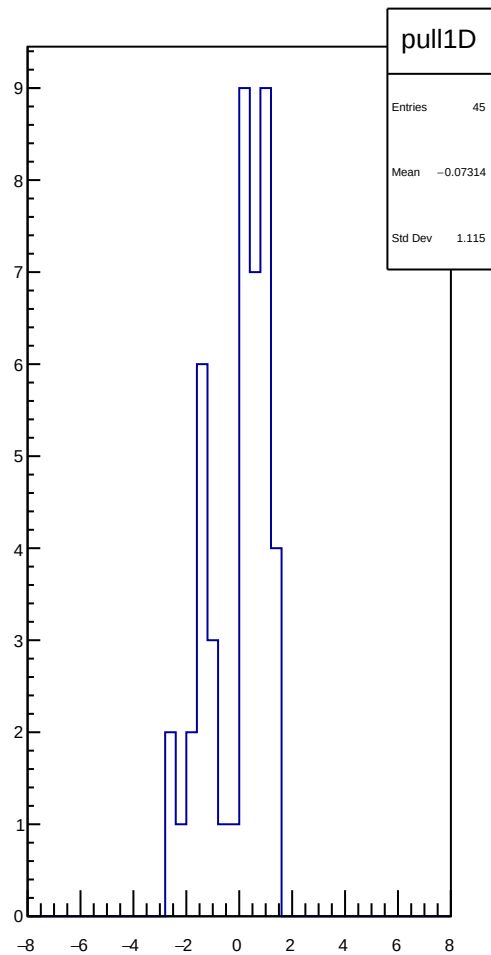
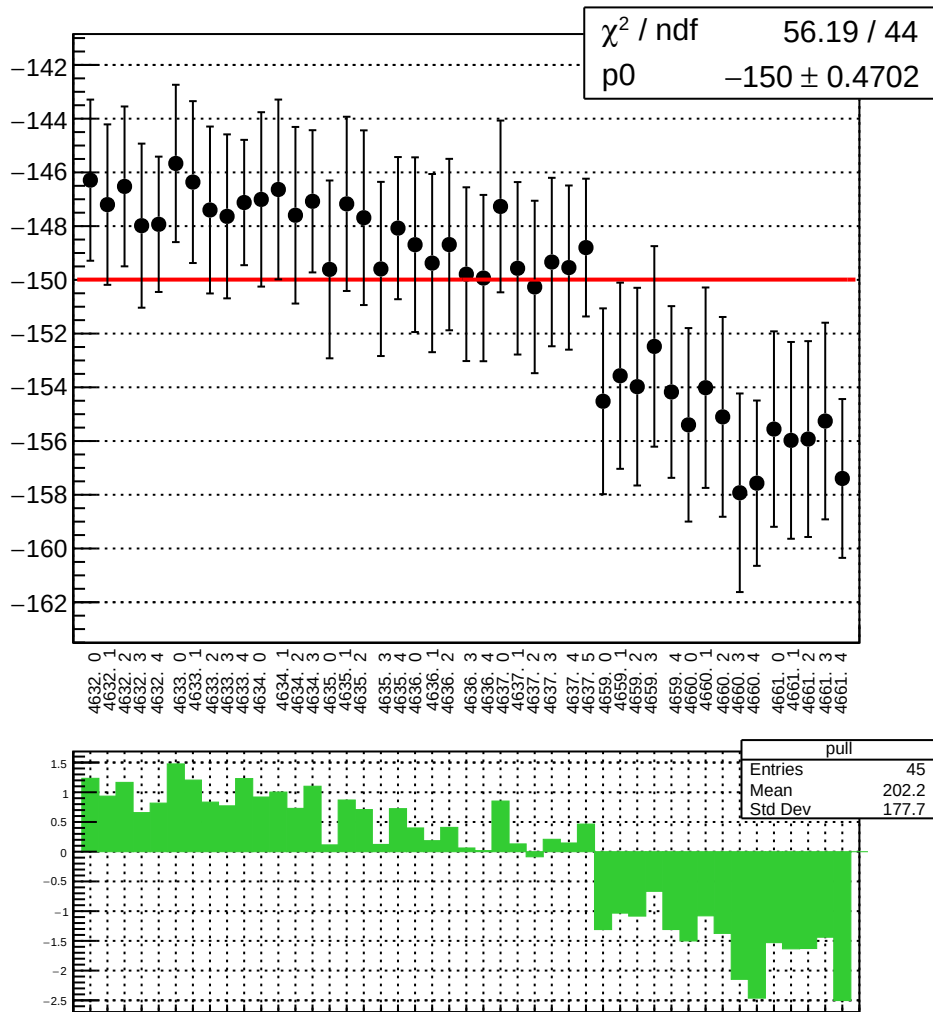
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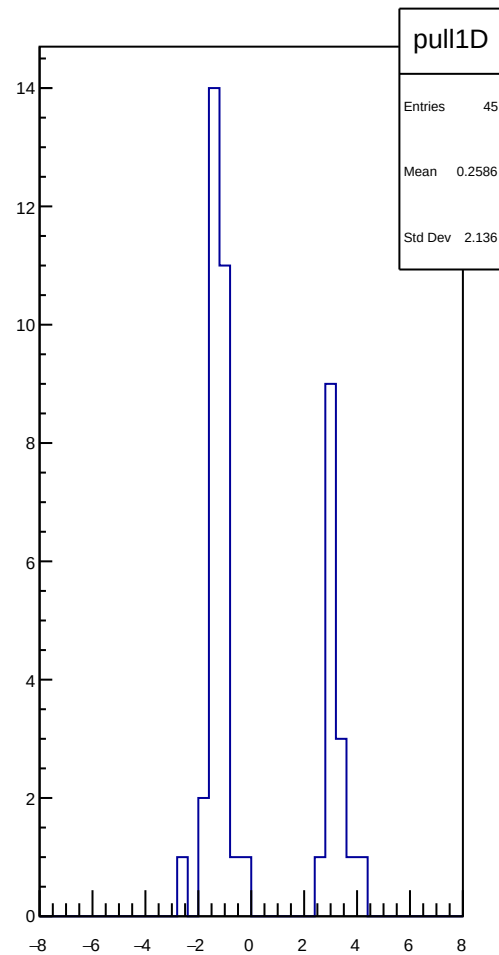
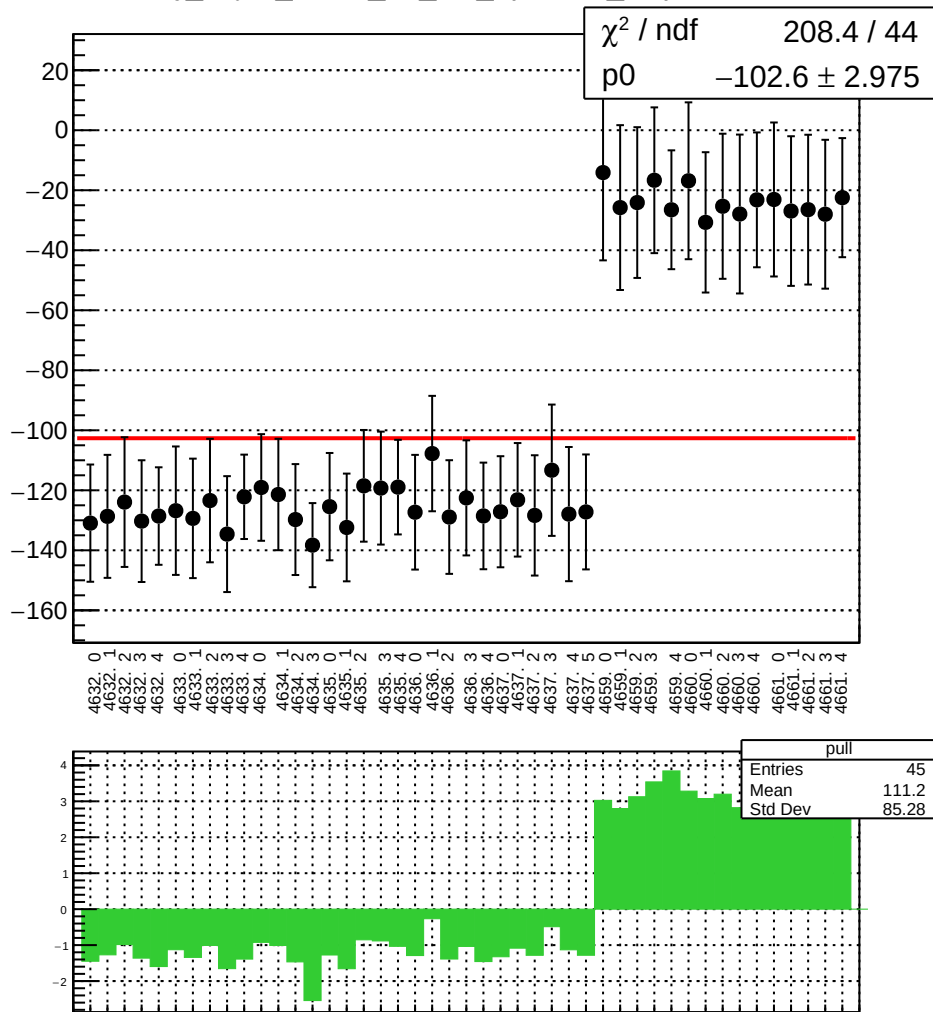
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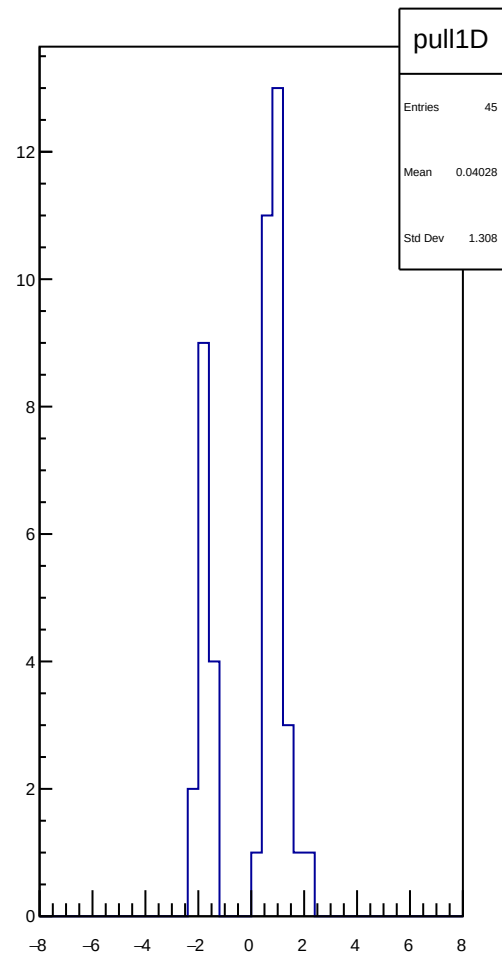
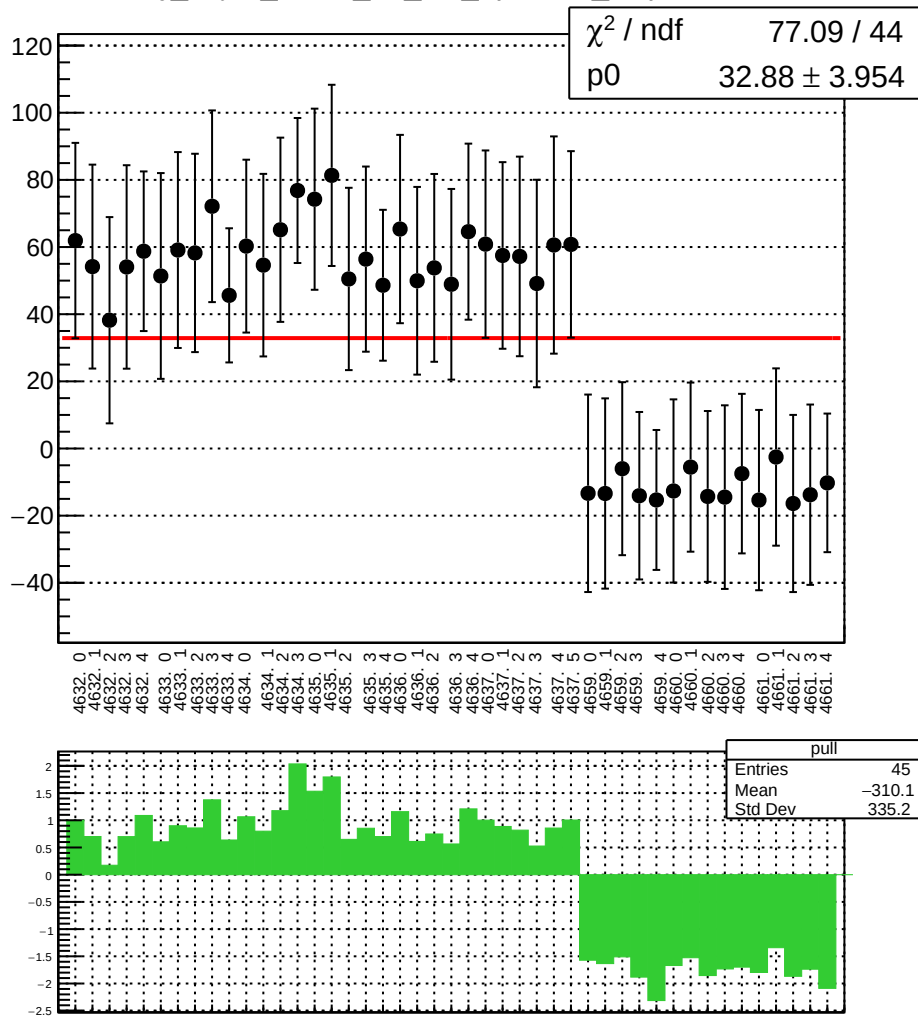
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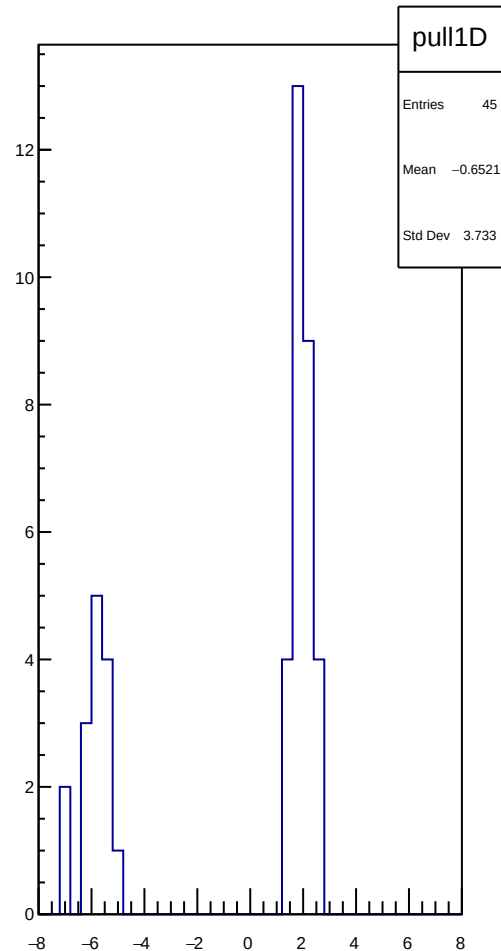
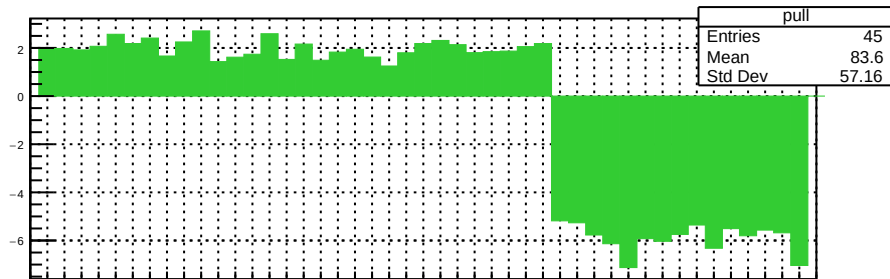
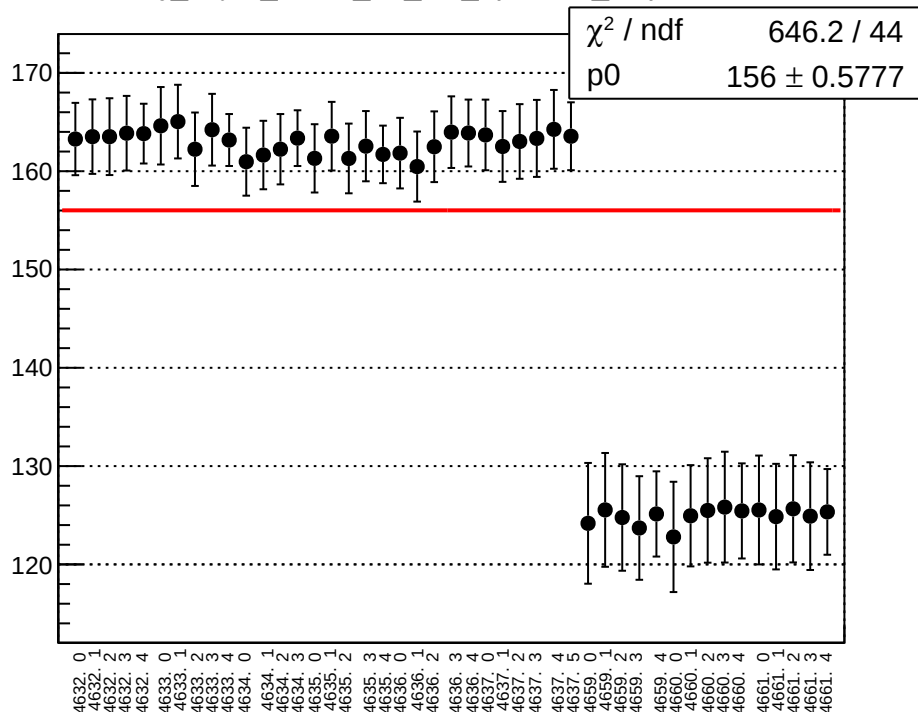
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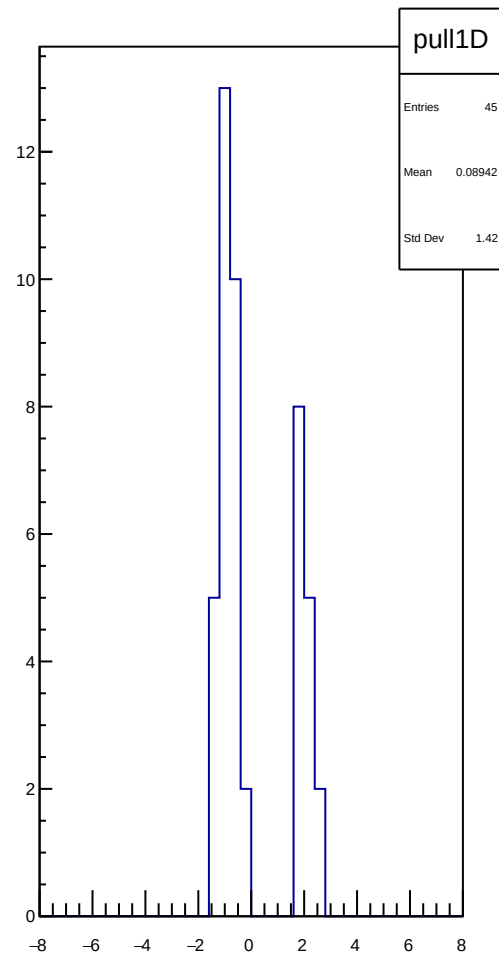
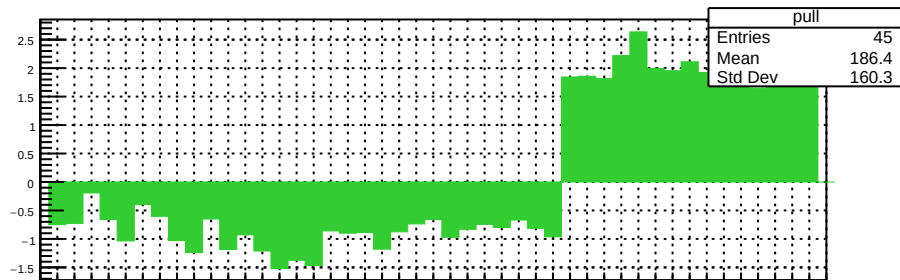
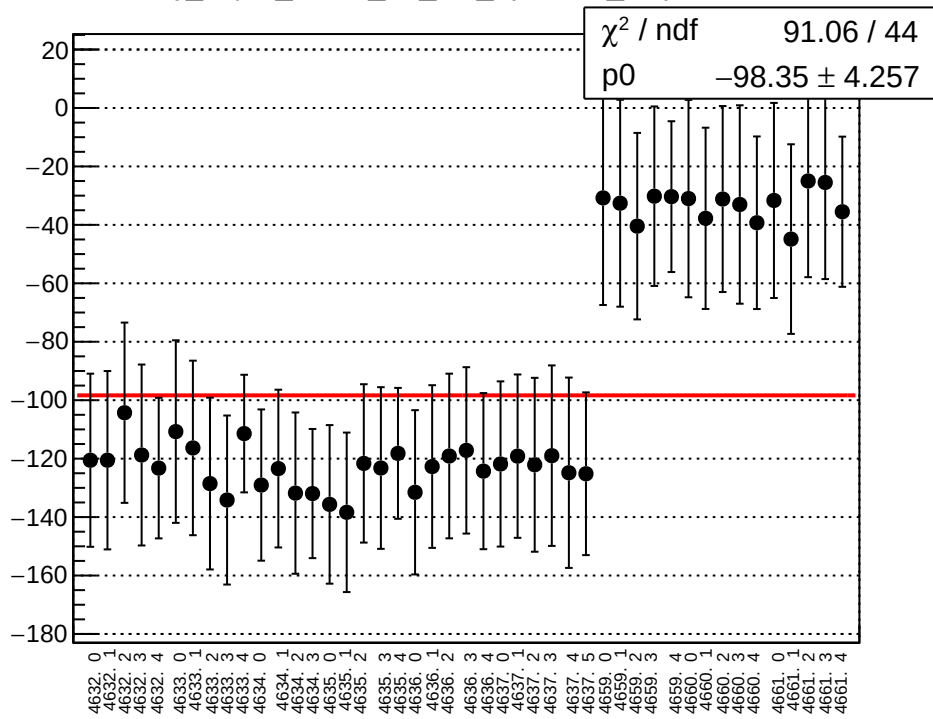
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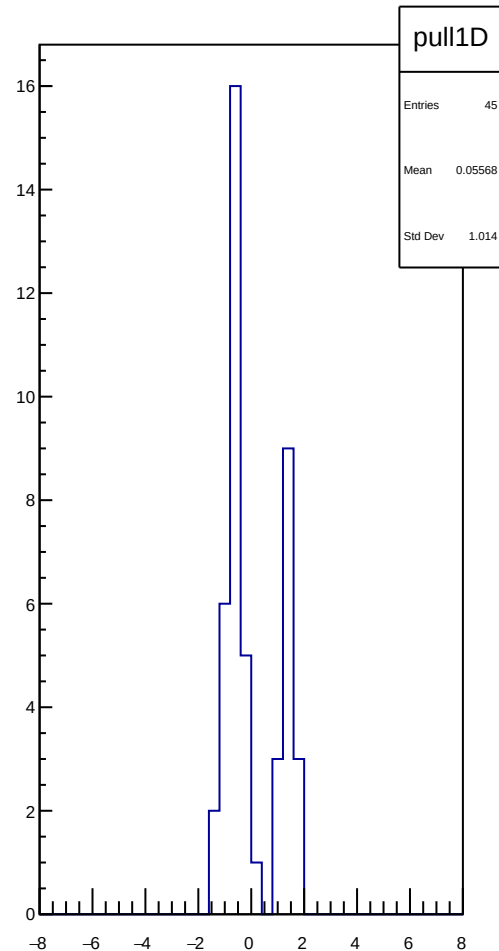
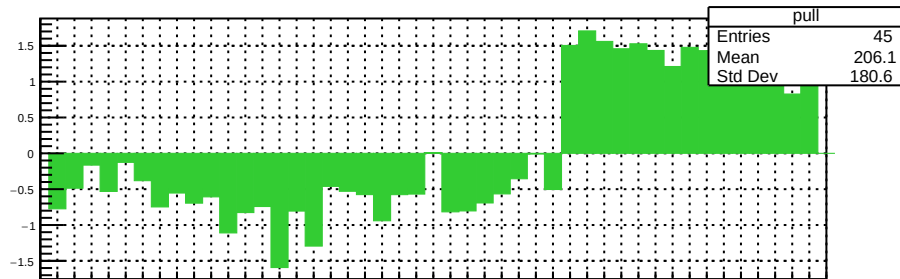
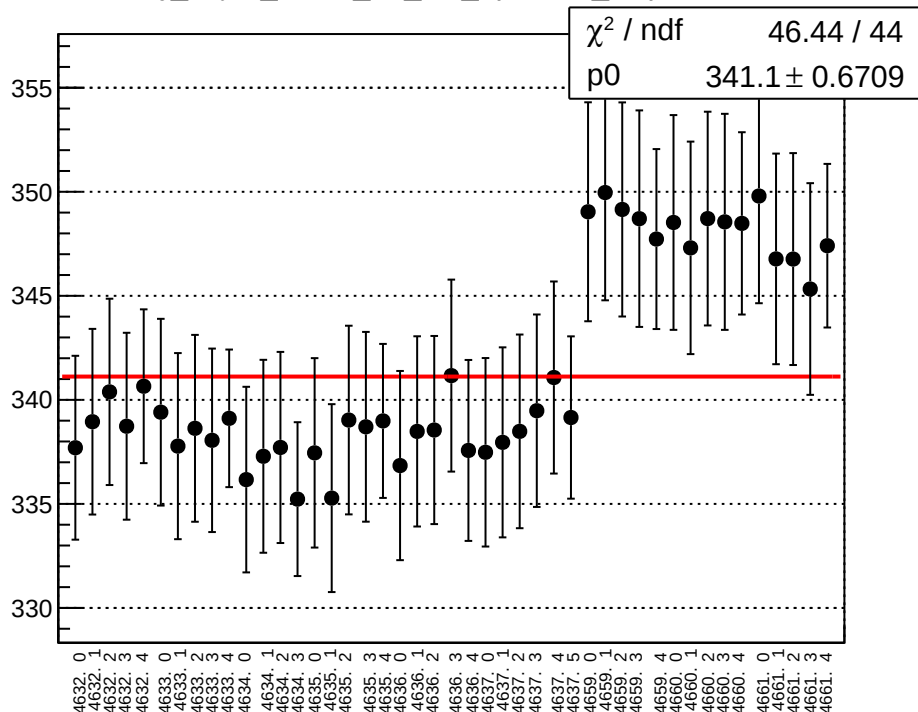
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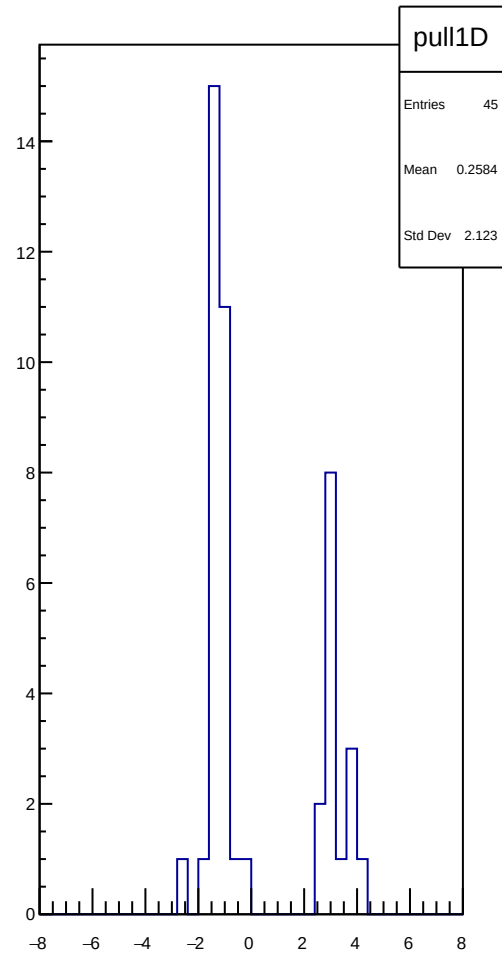
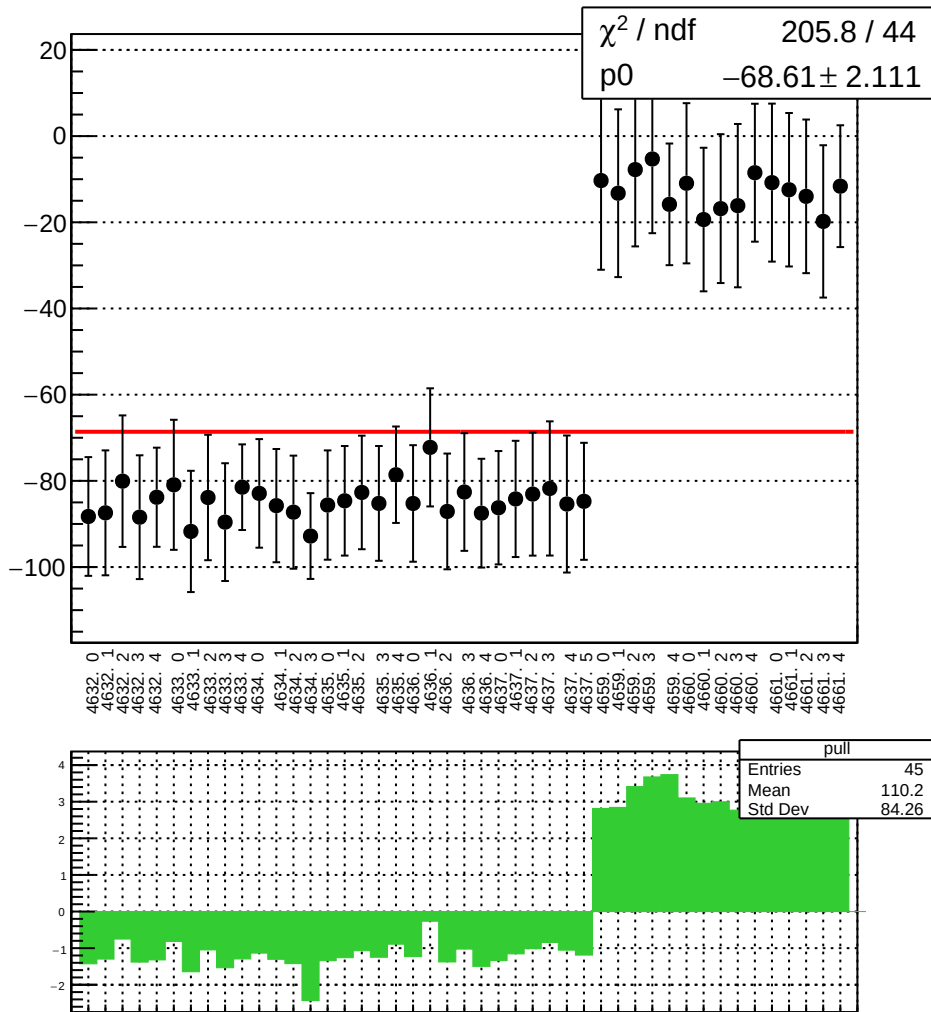
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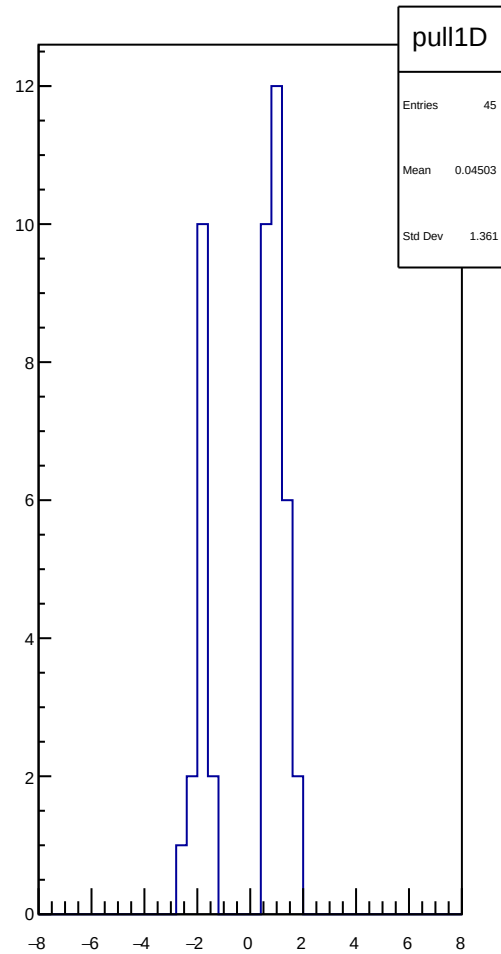
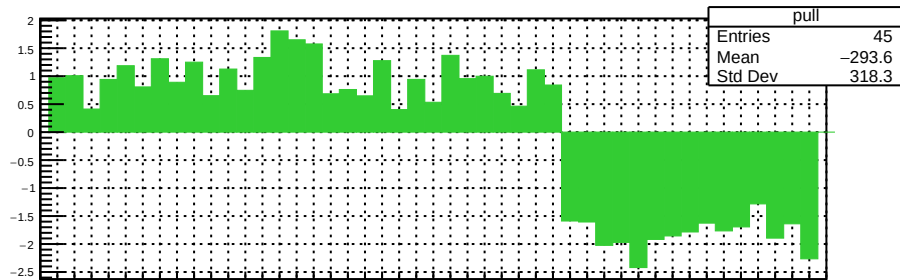
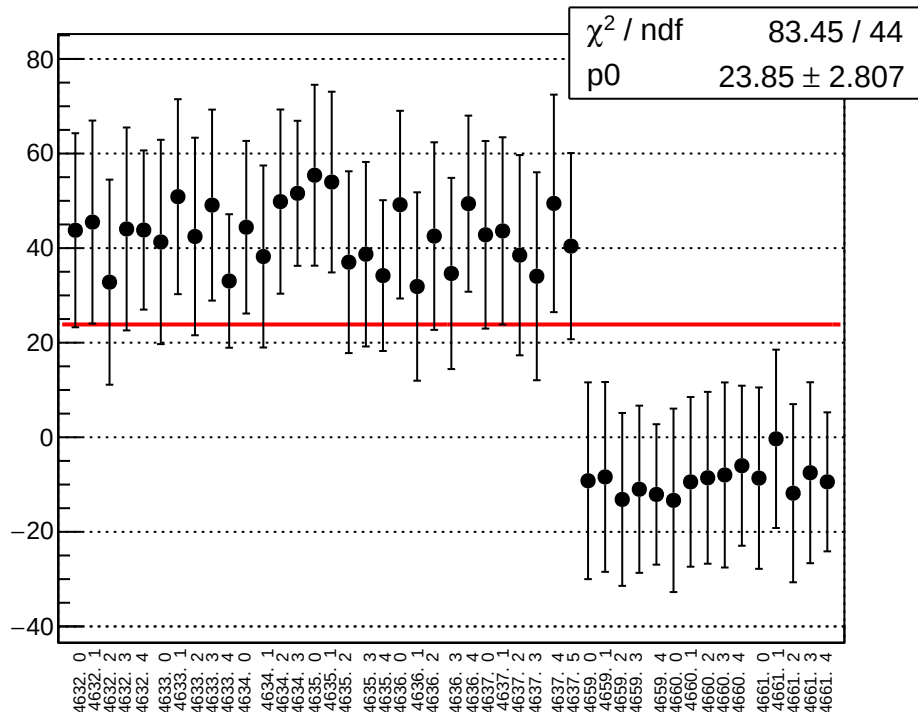
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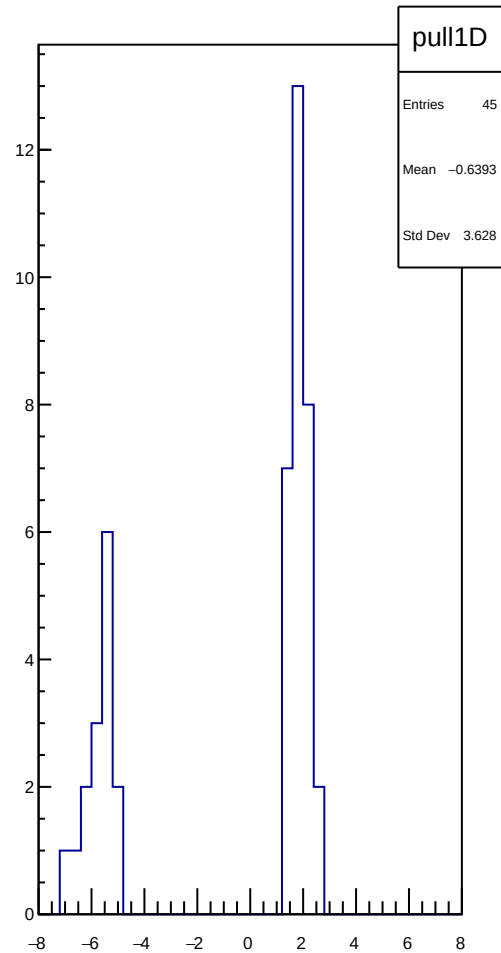
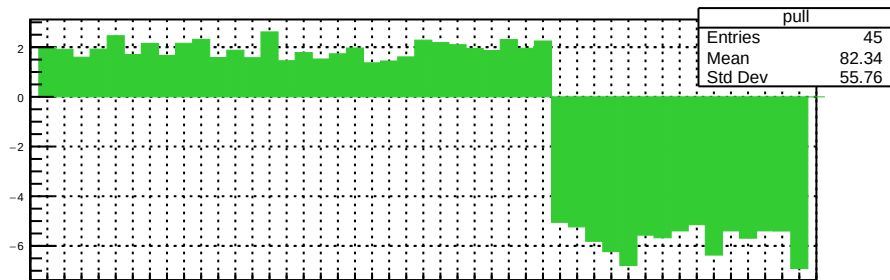
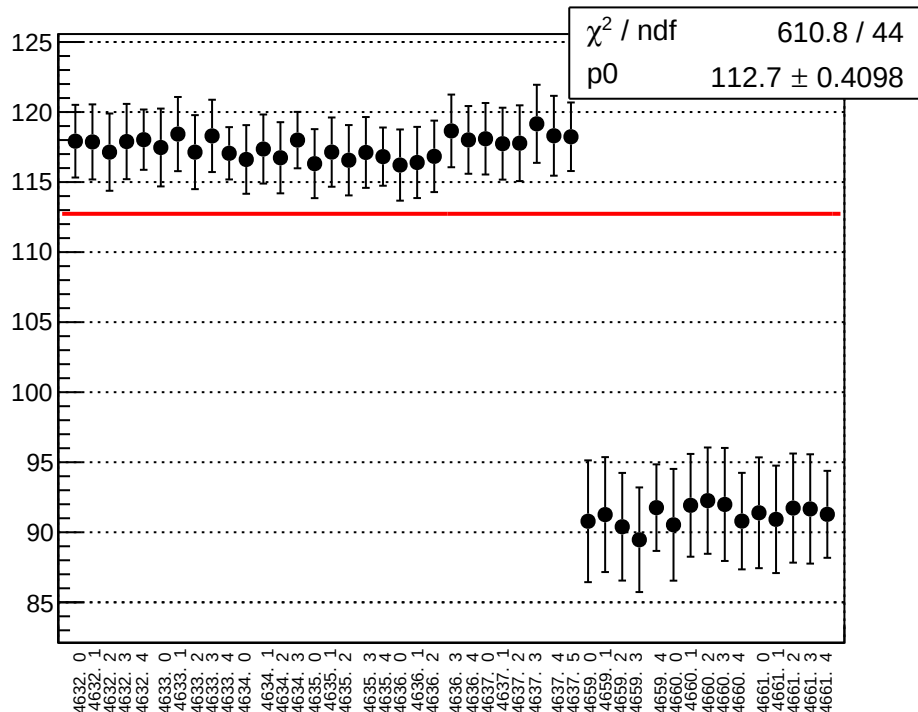
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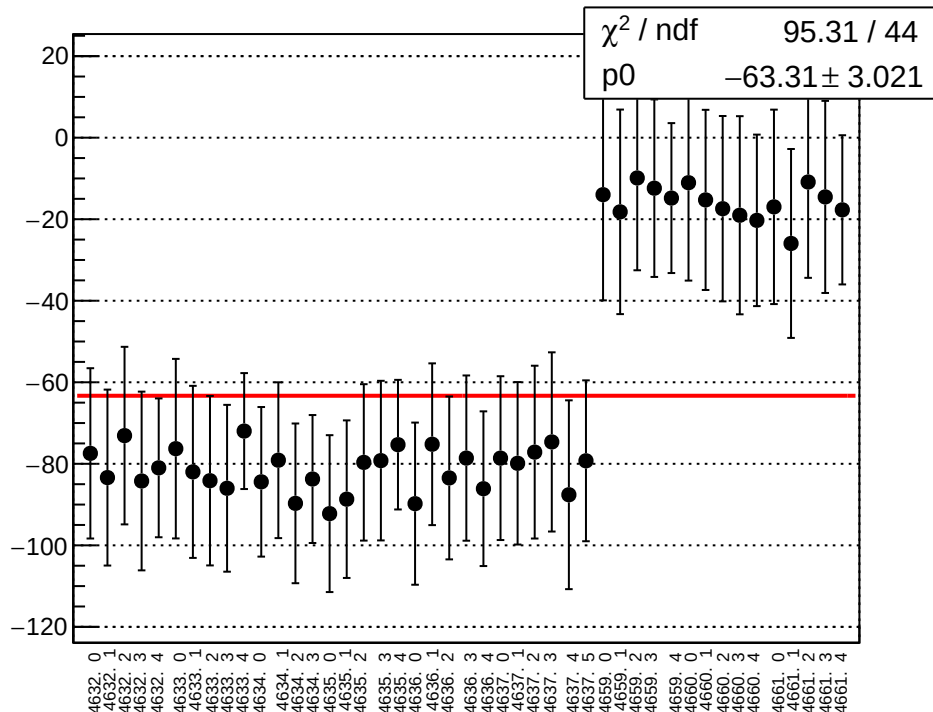
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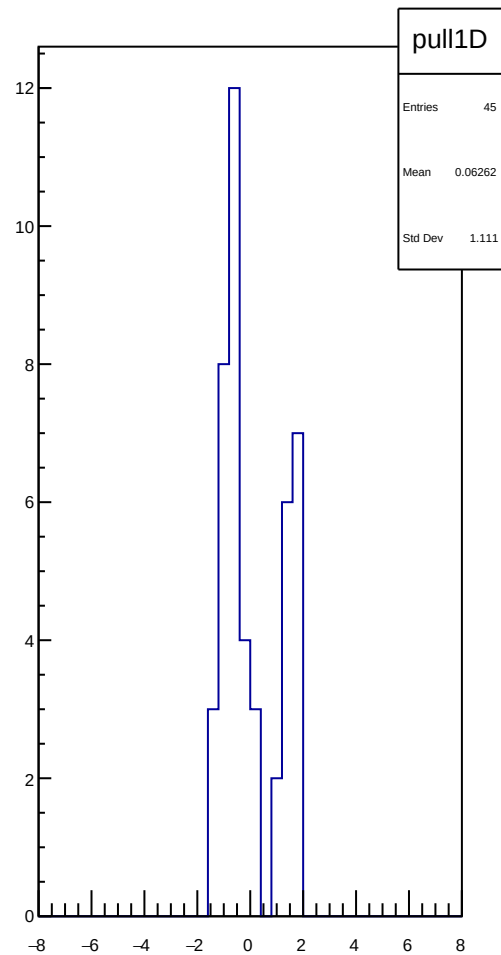
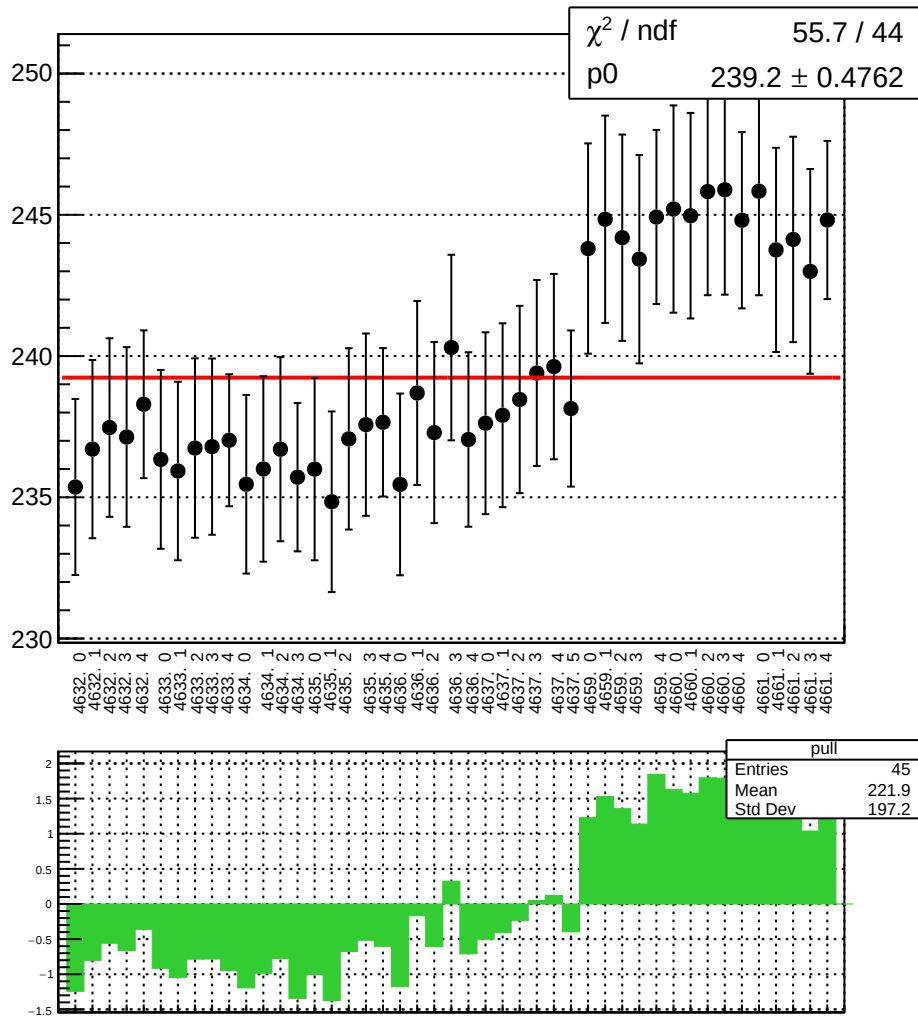
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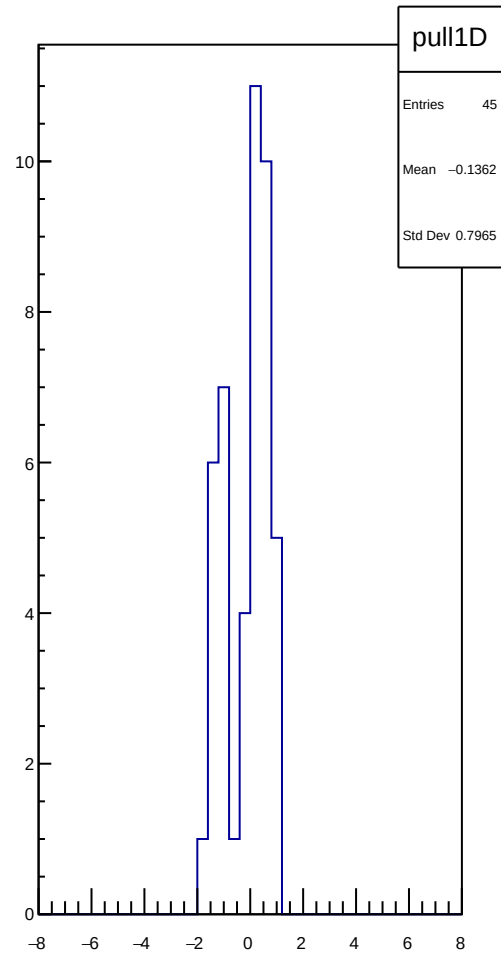
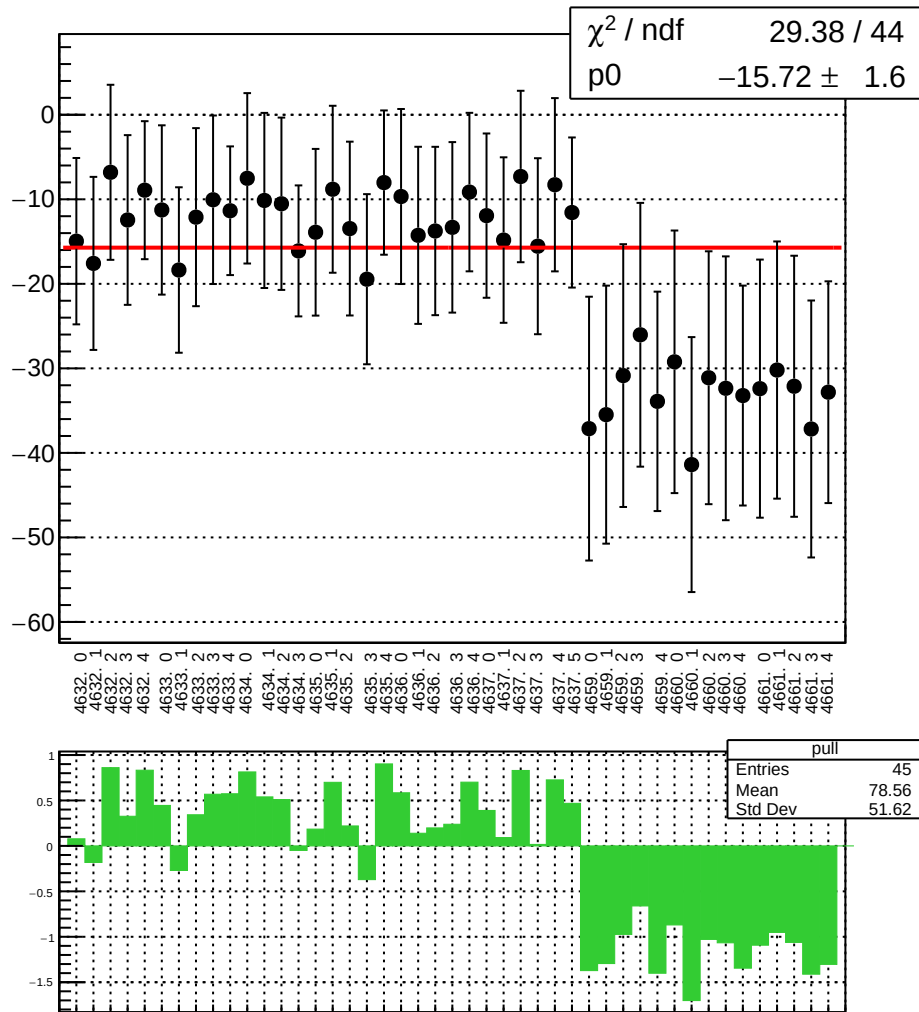
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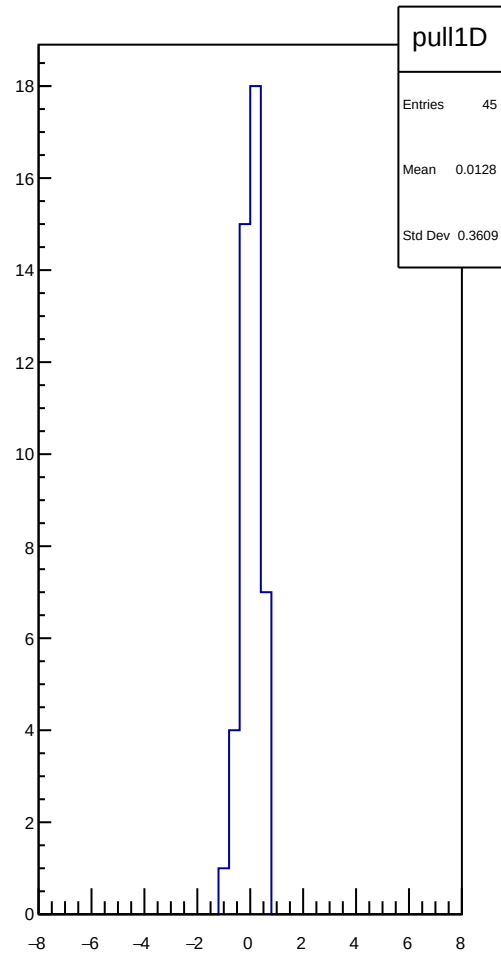
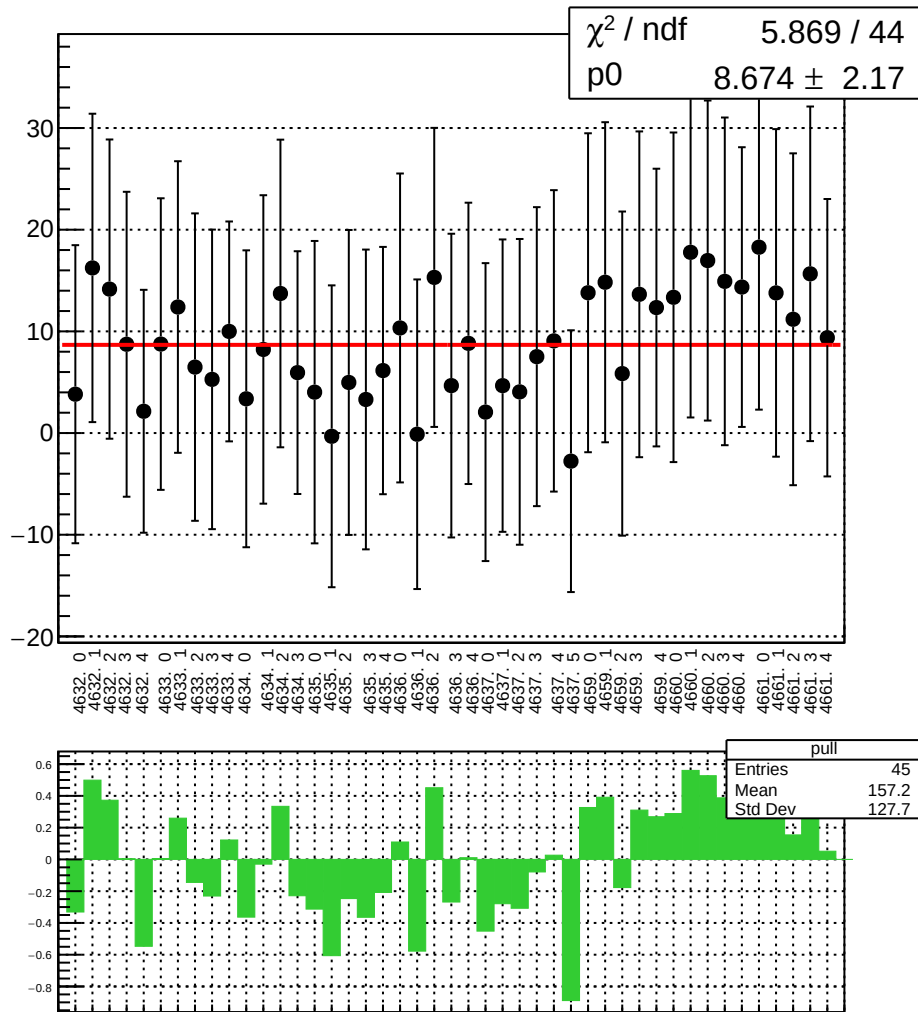
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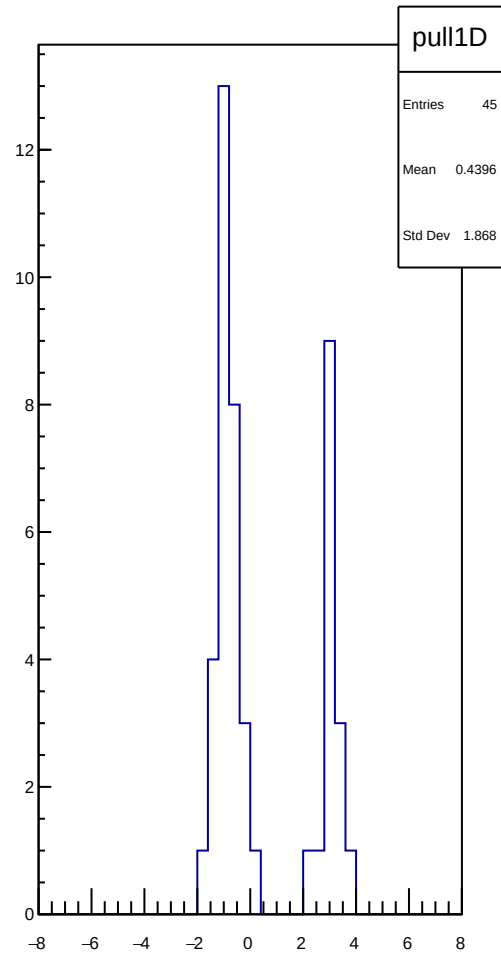
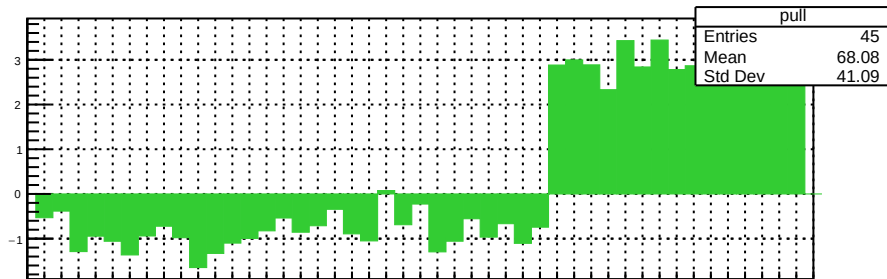
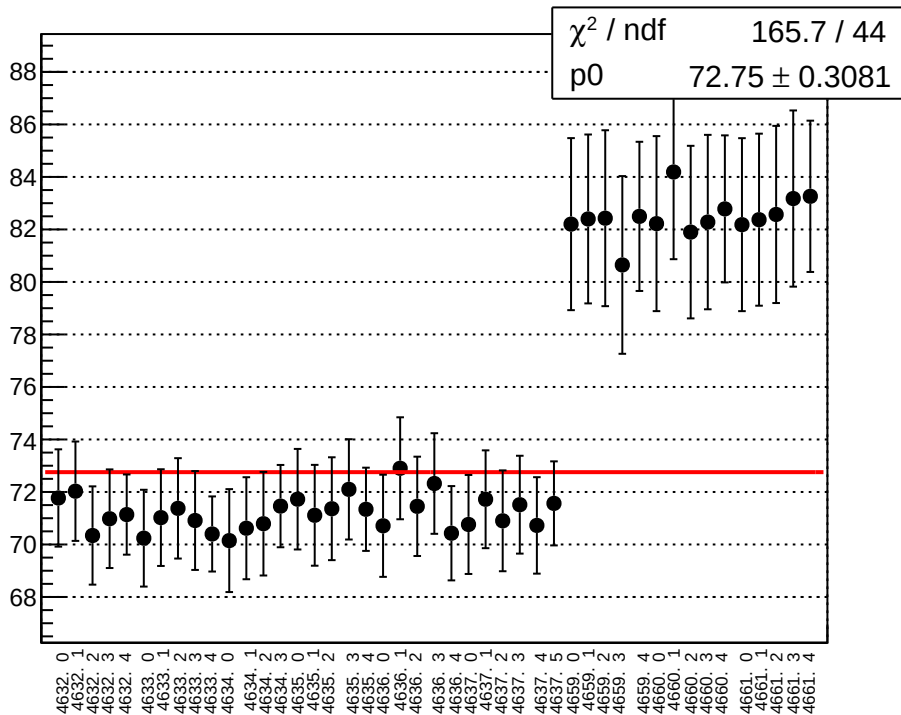
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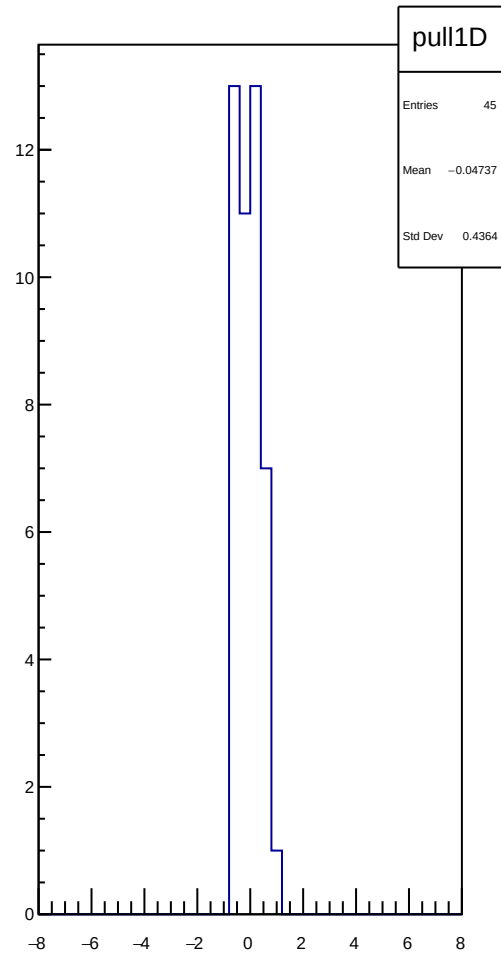
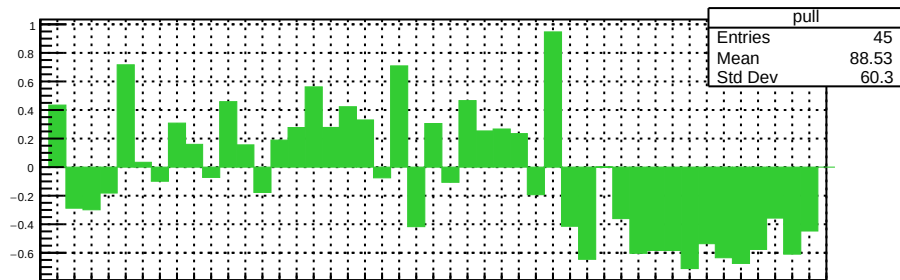
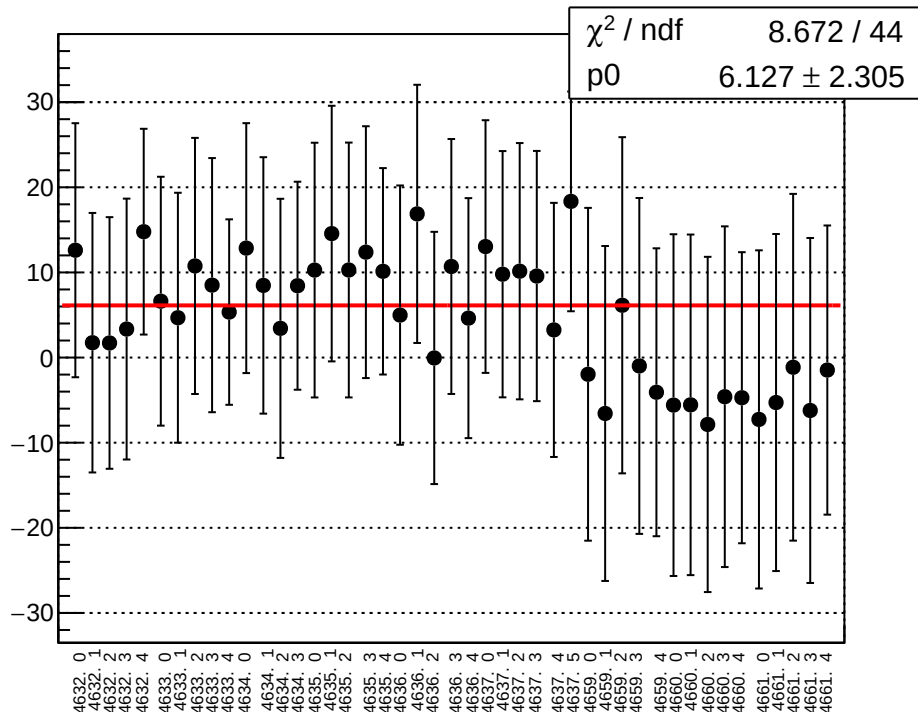
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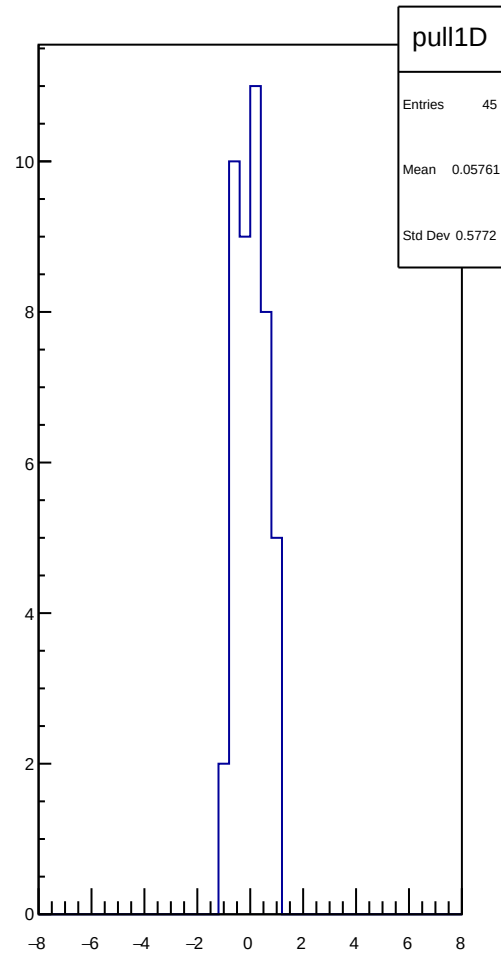
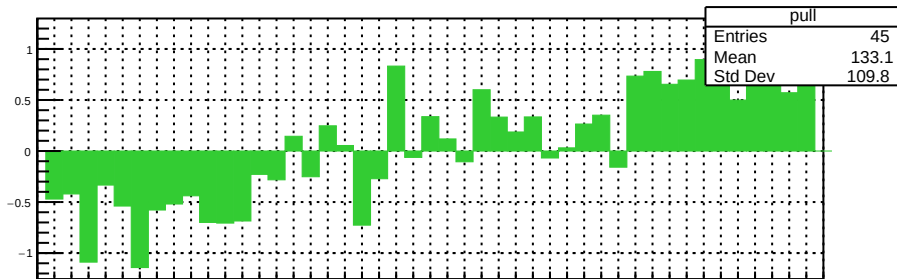
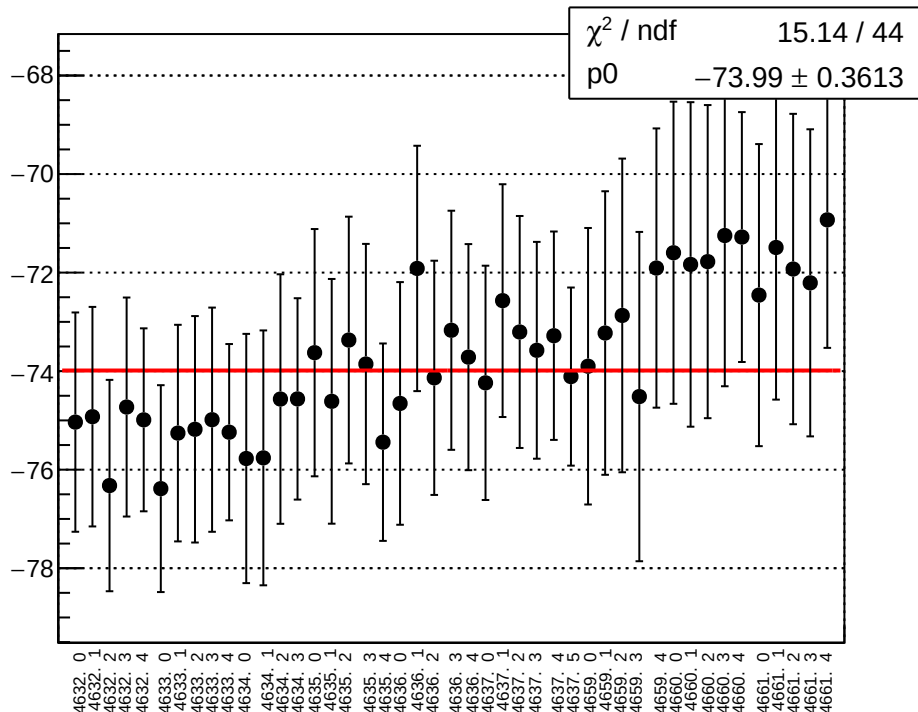
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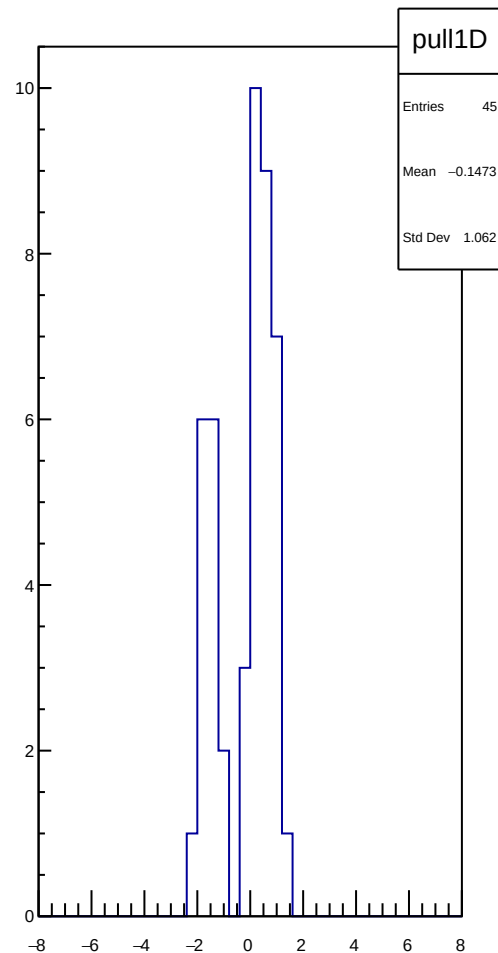
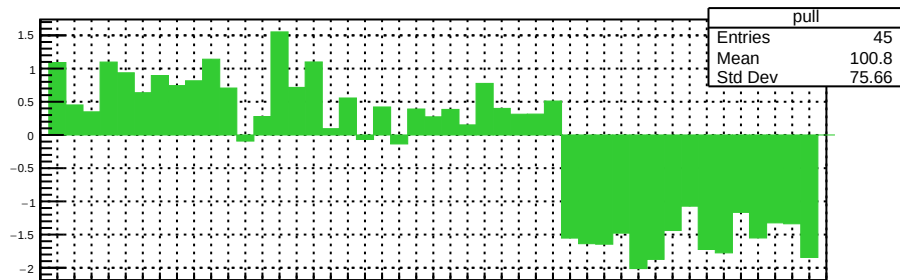
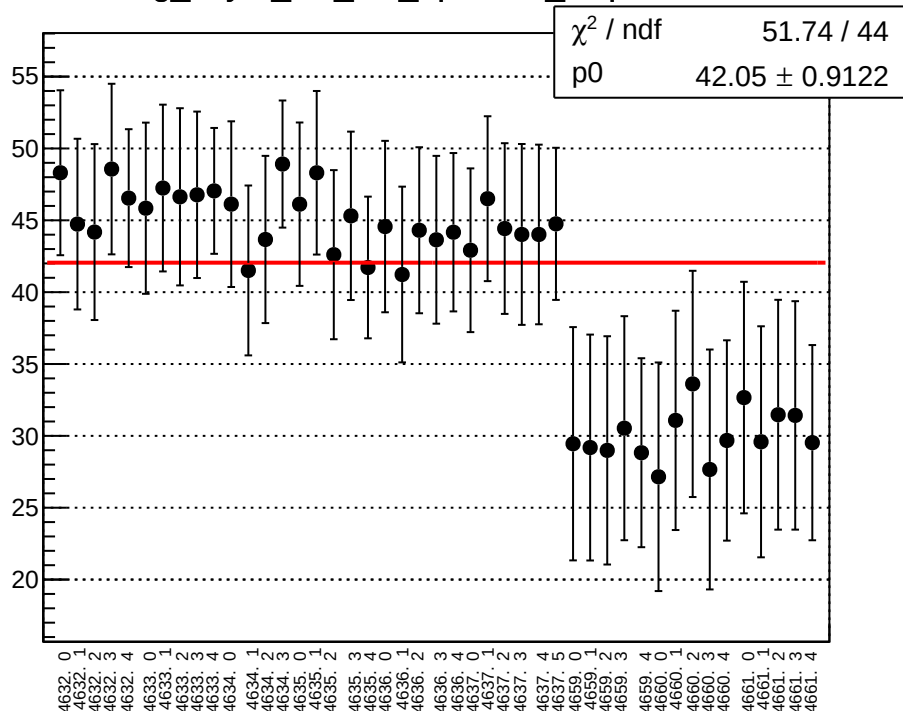
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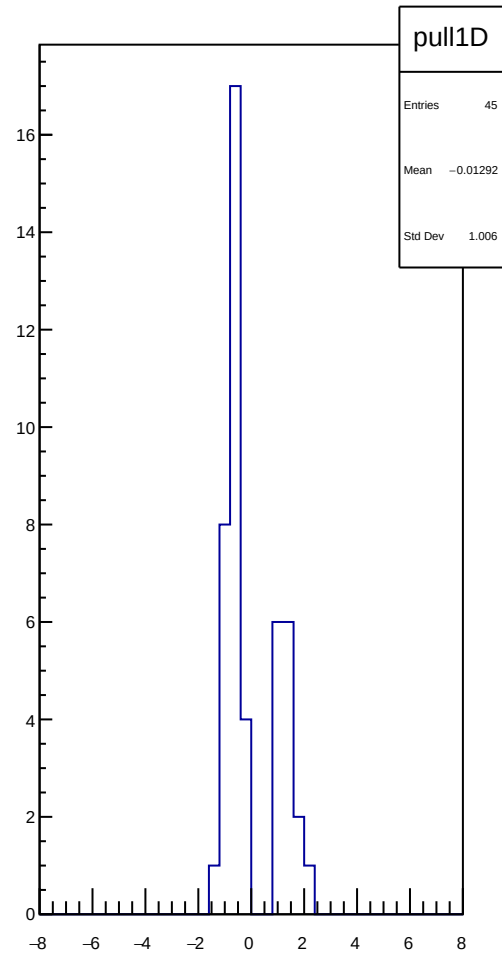
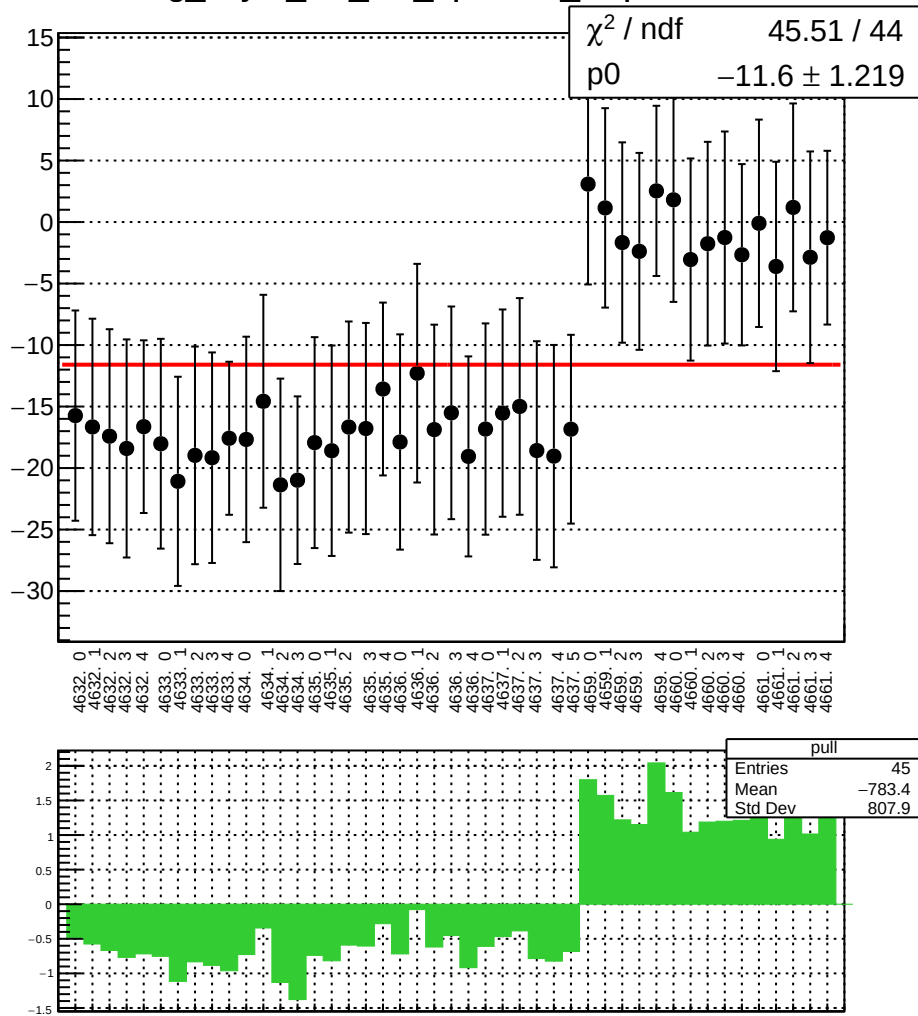
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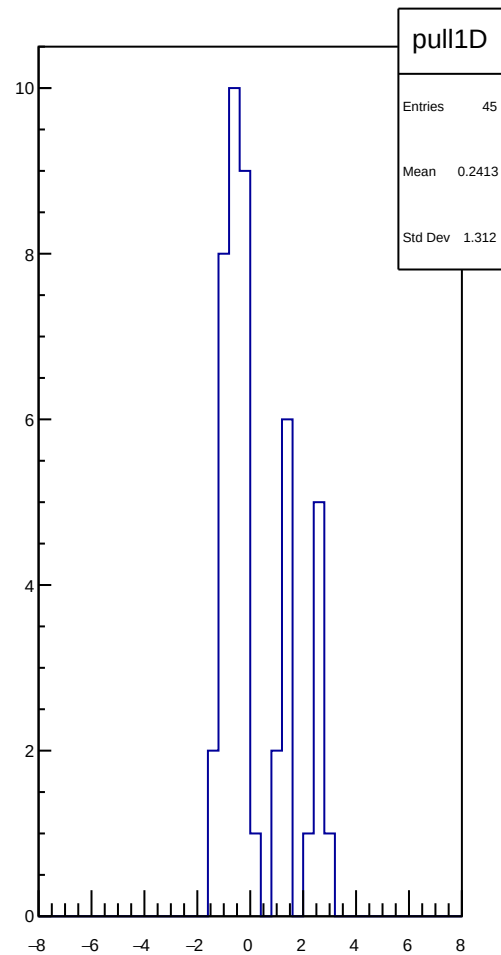
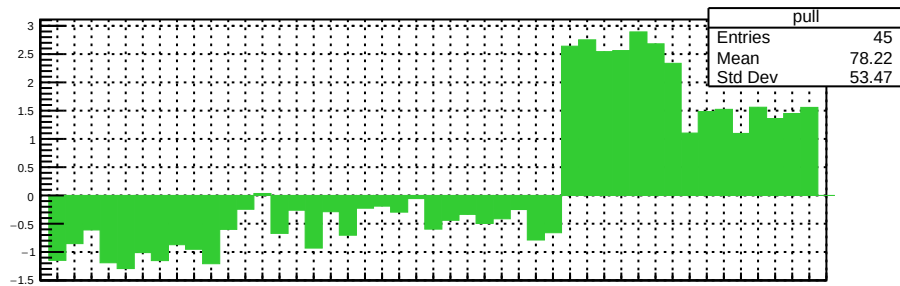
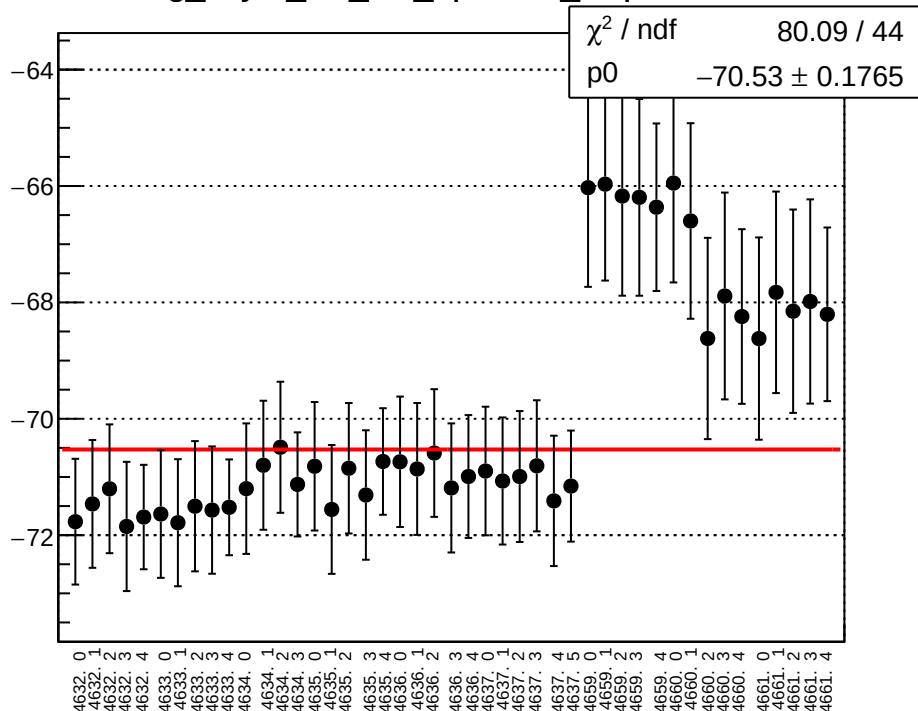
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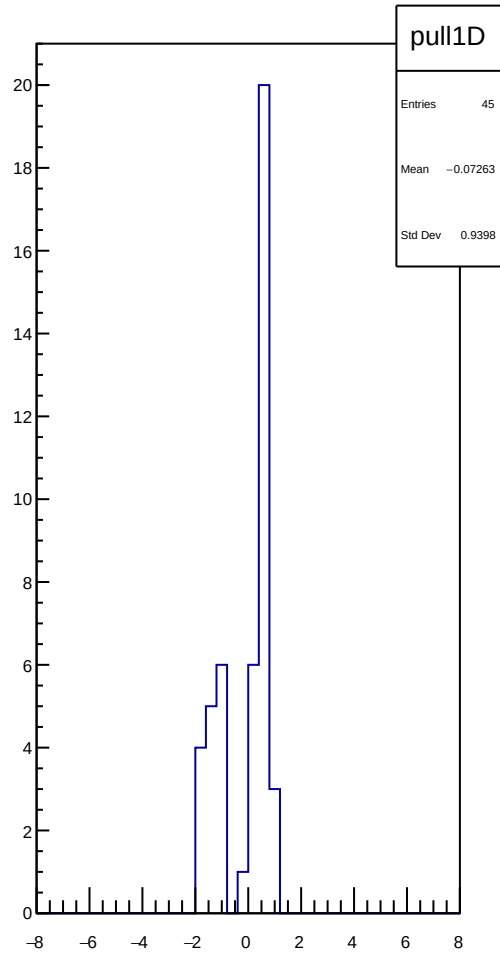
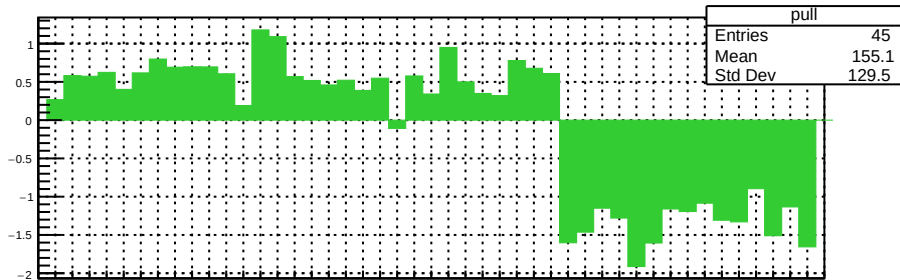
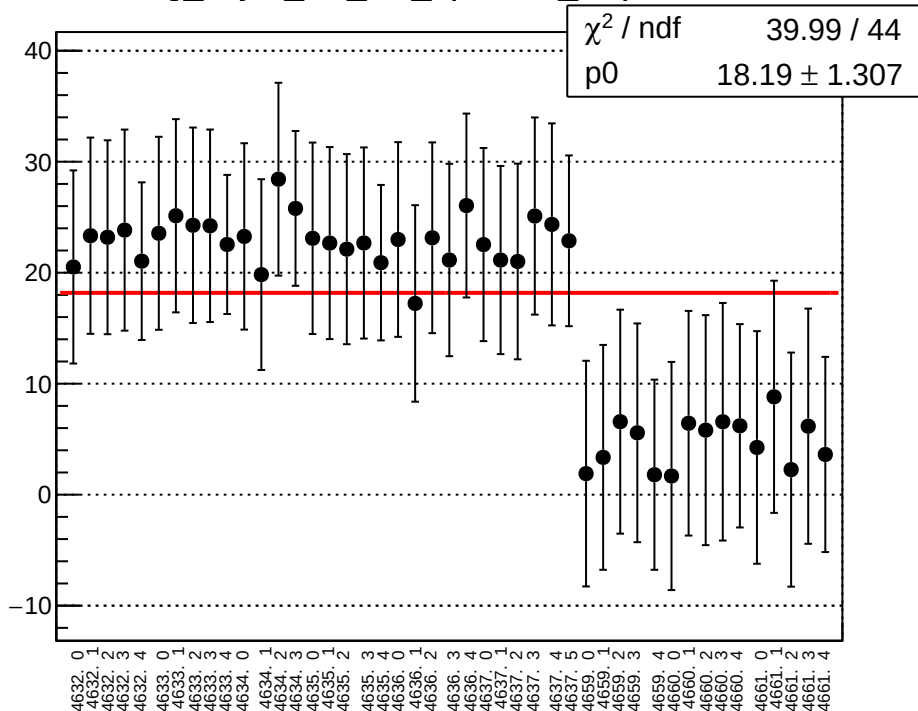
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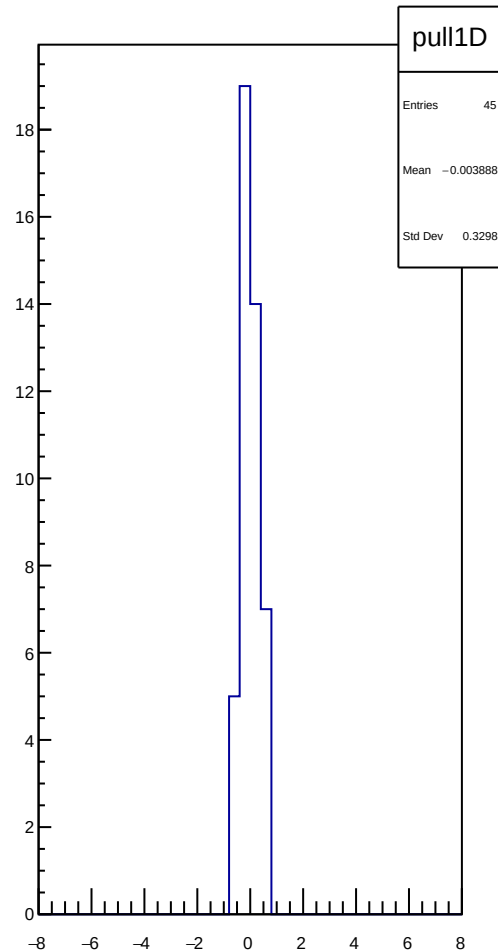
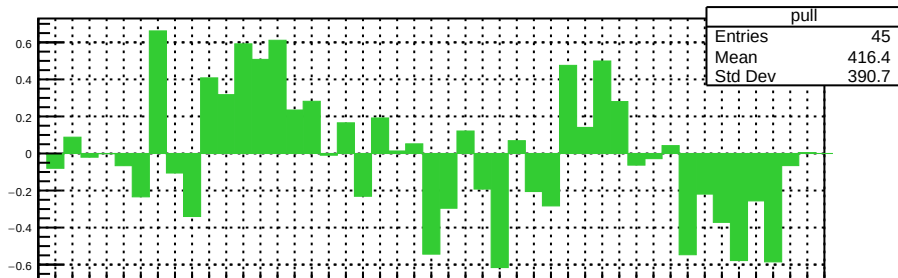
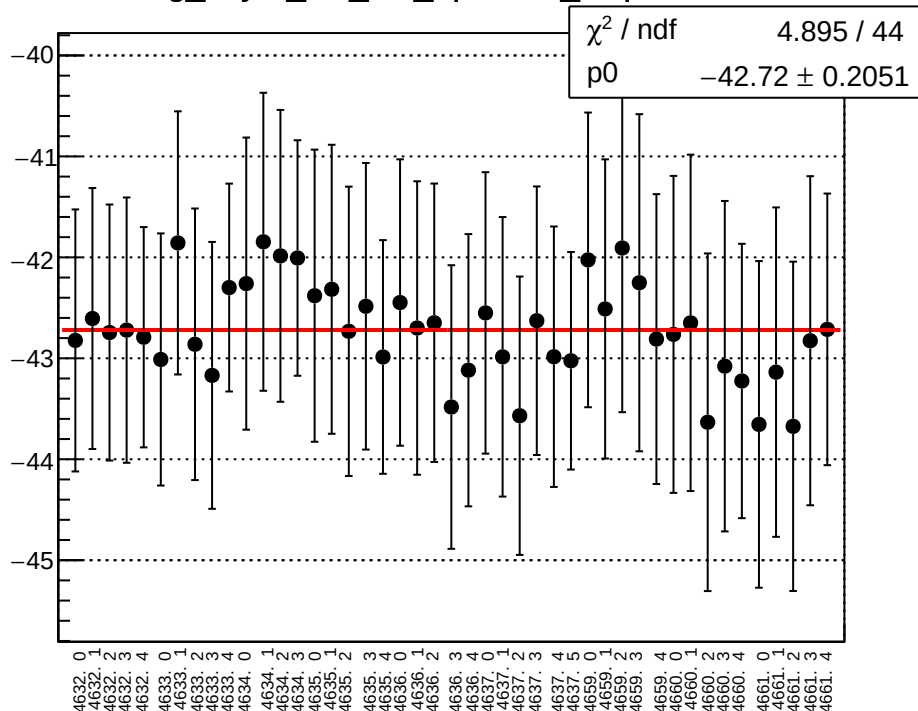
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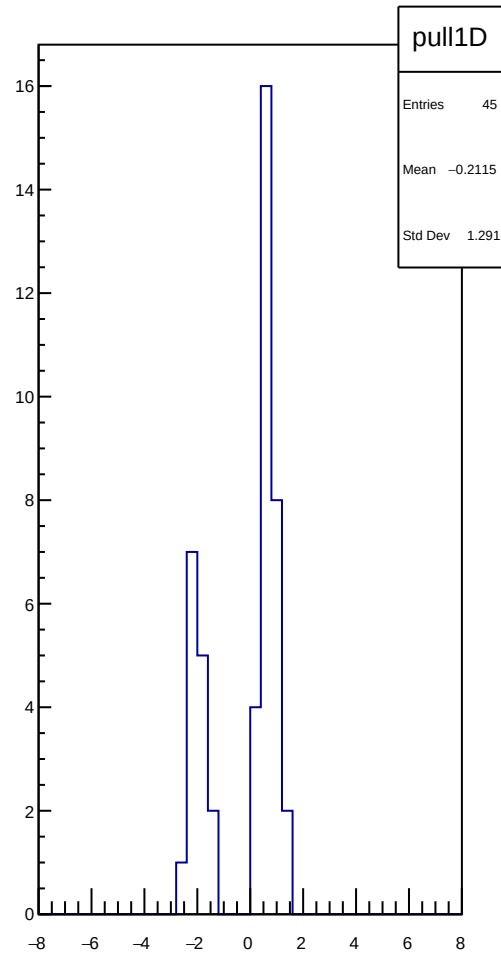
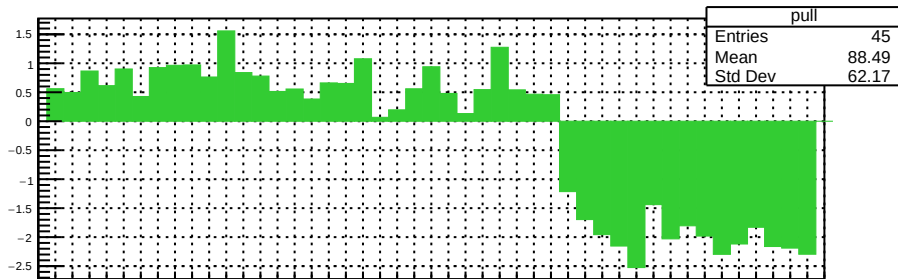
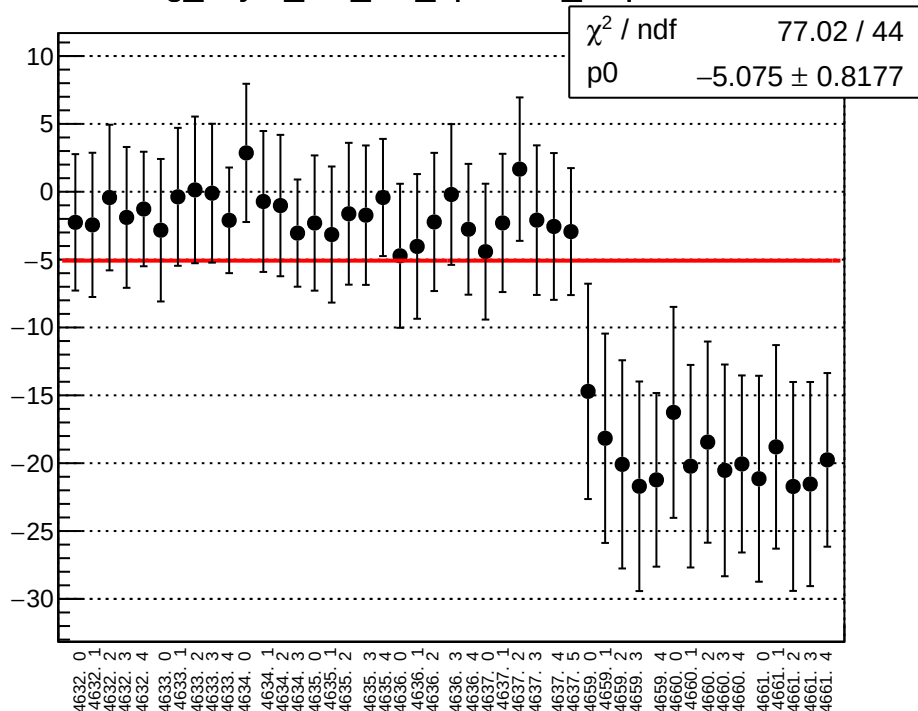
reg asym usl diff bpm4eY slope vs run



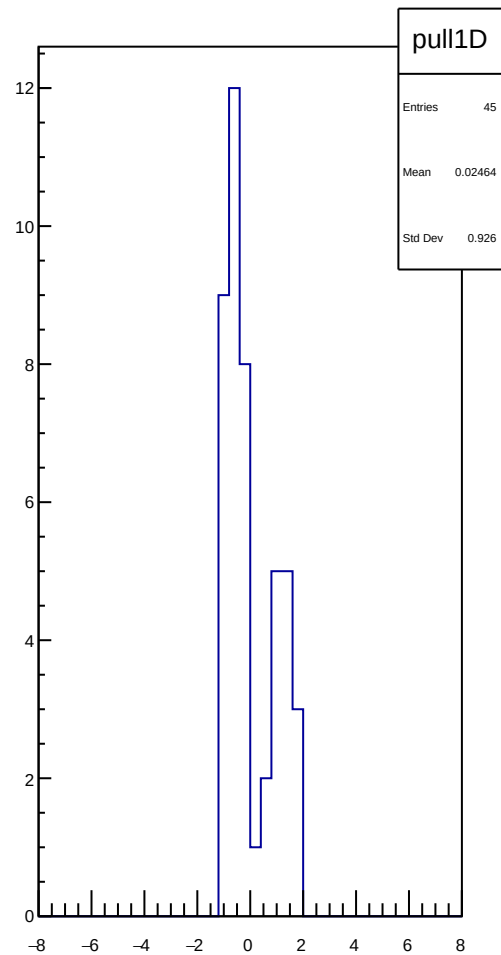
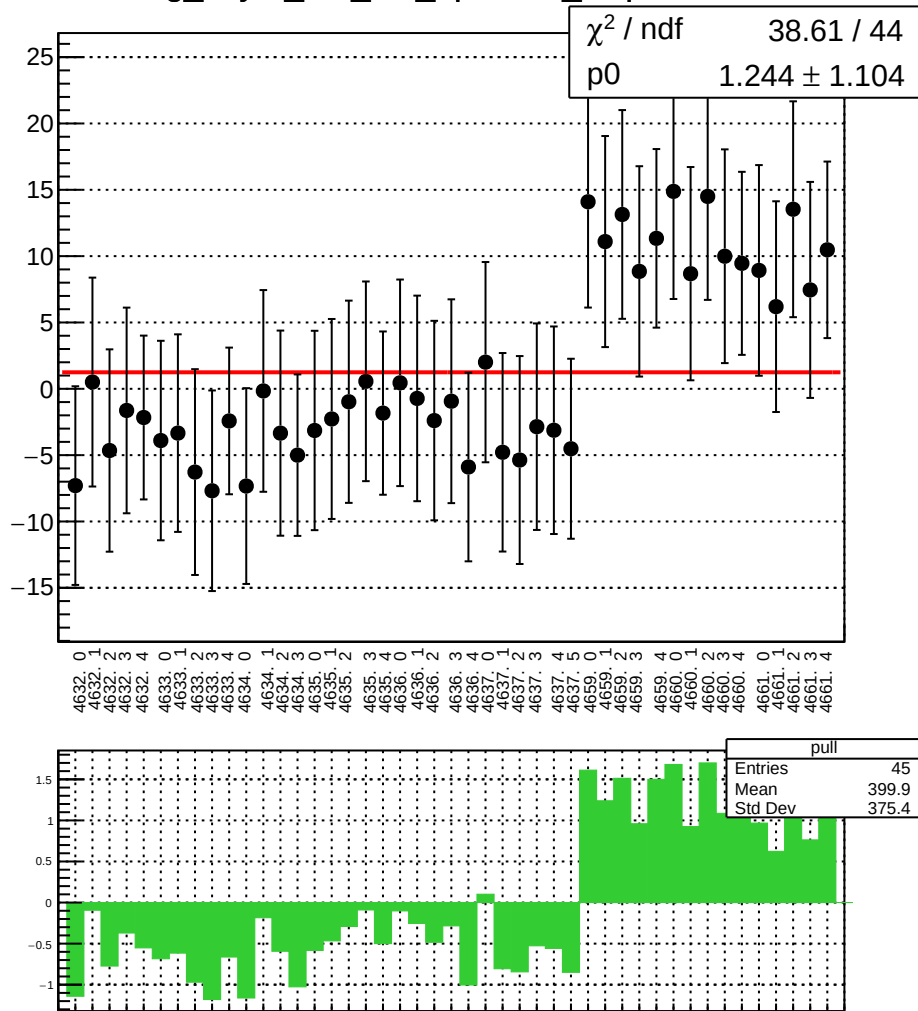
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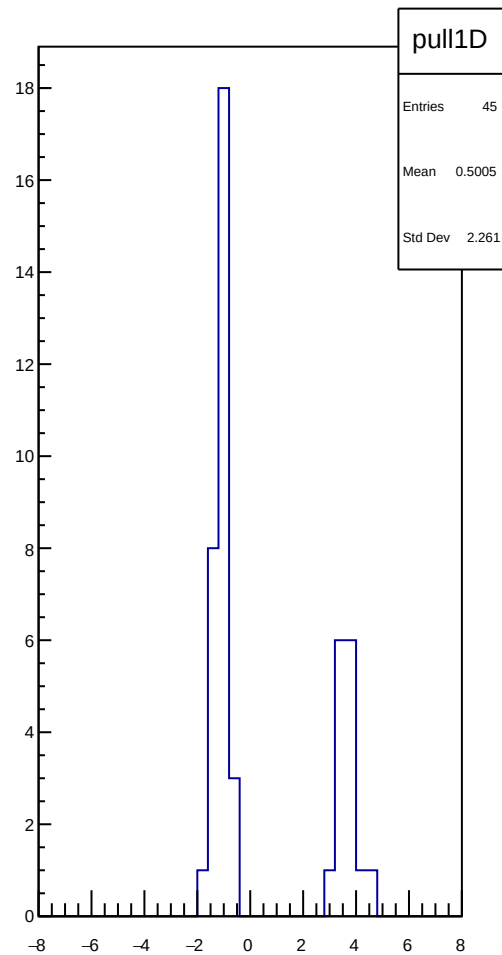
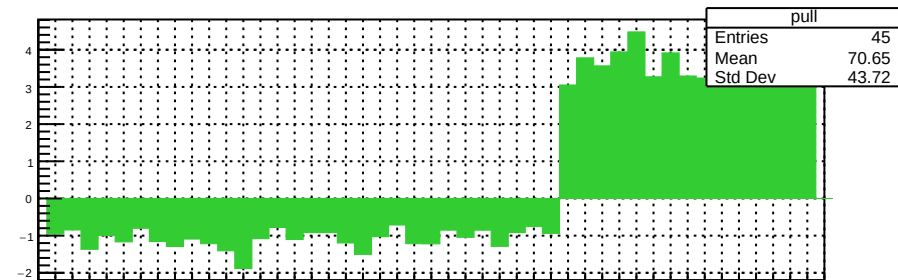
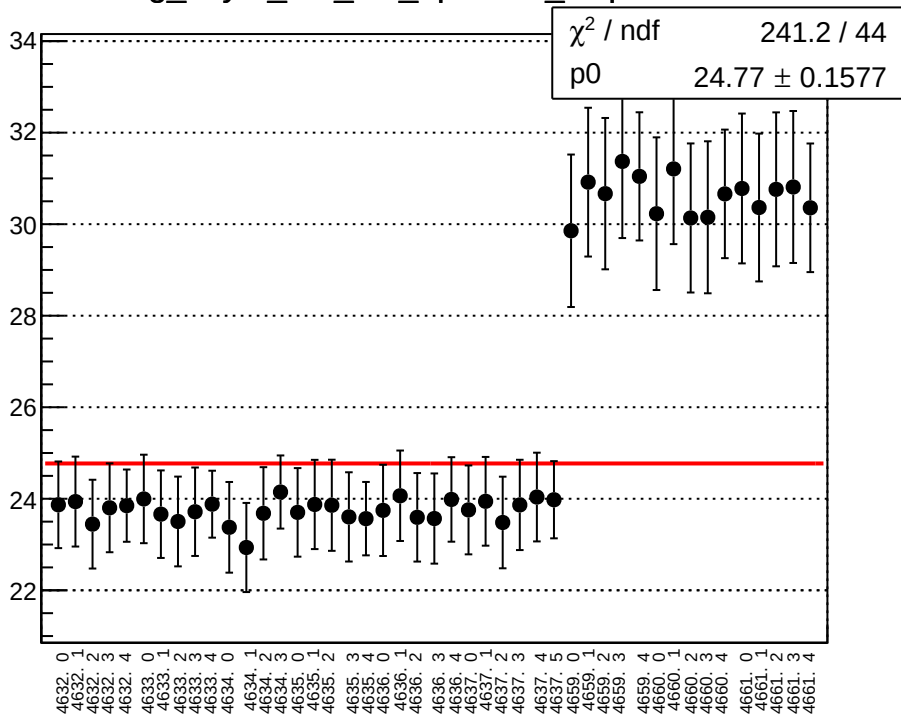
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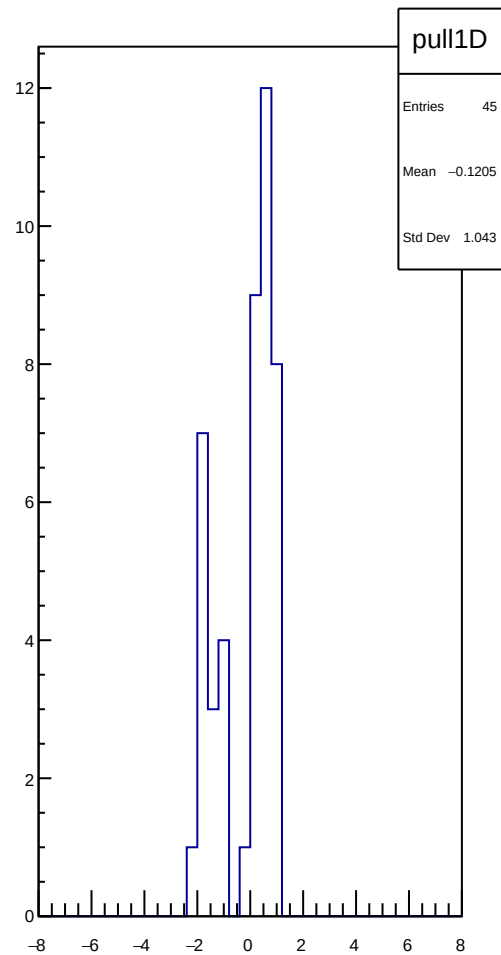
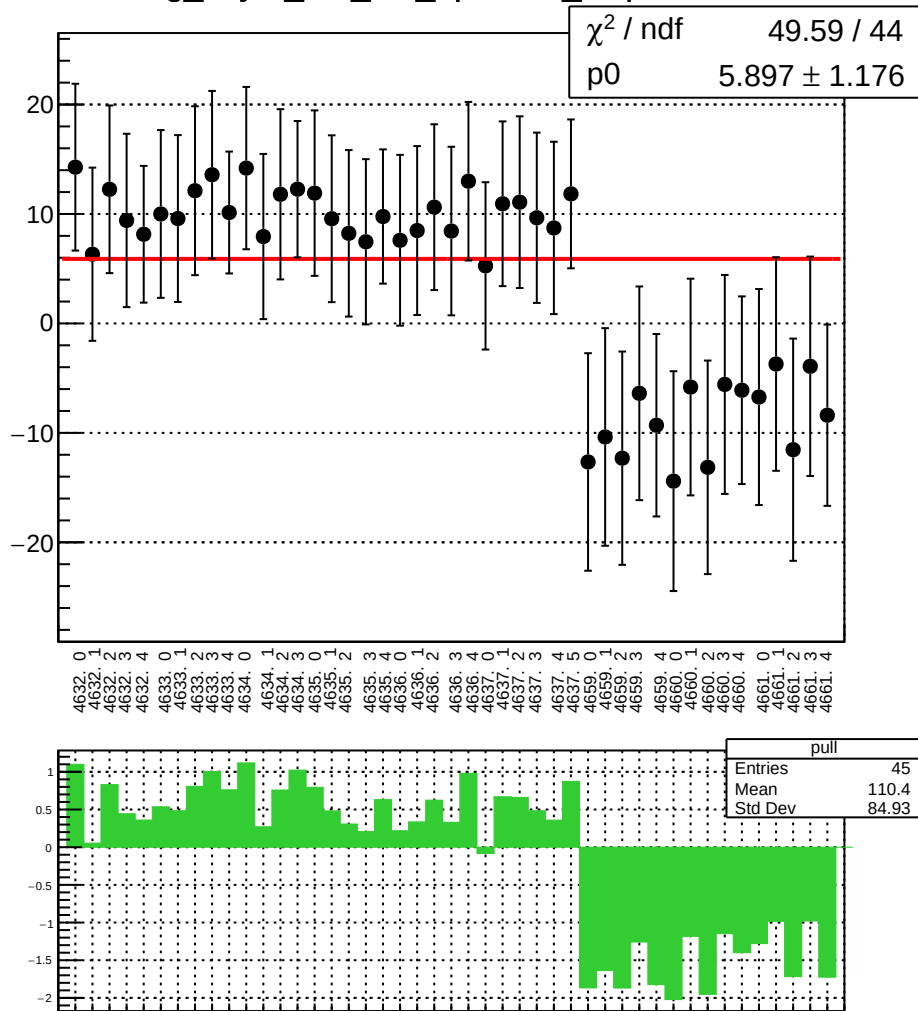
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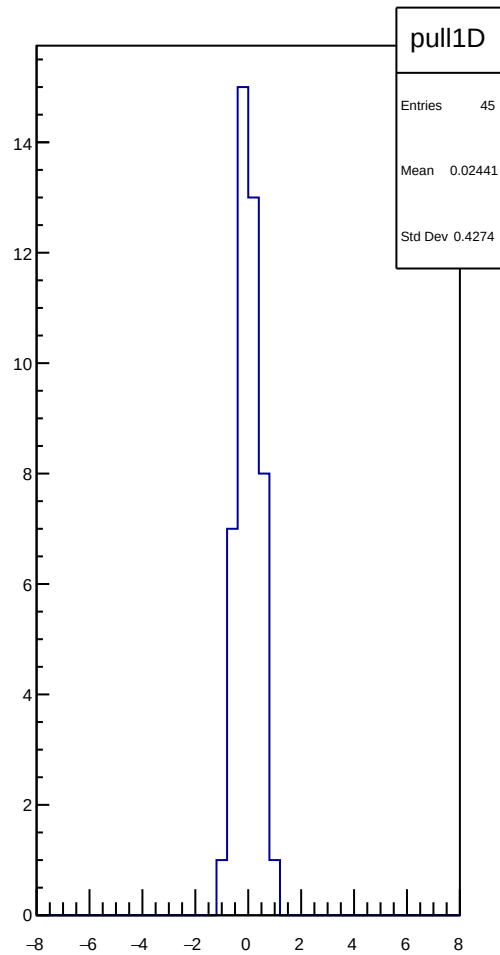
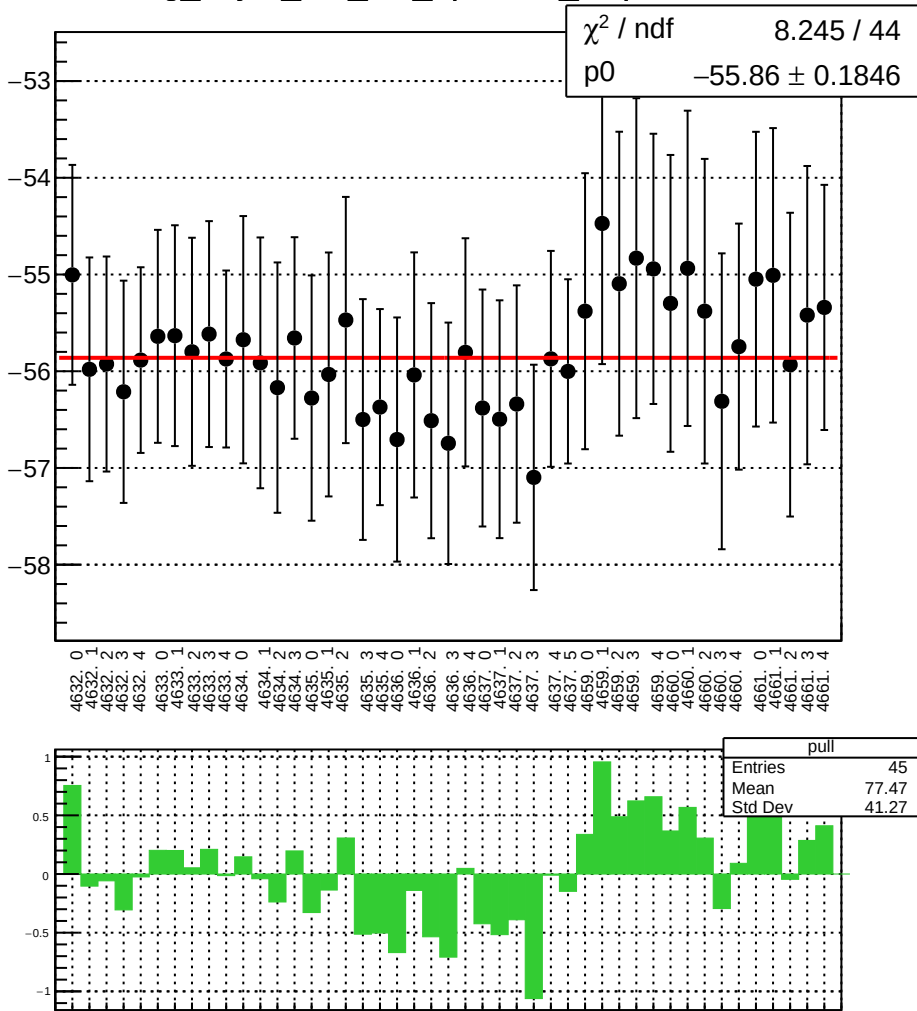
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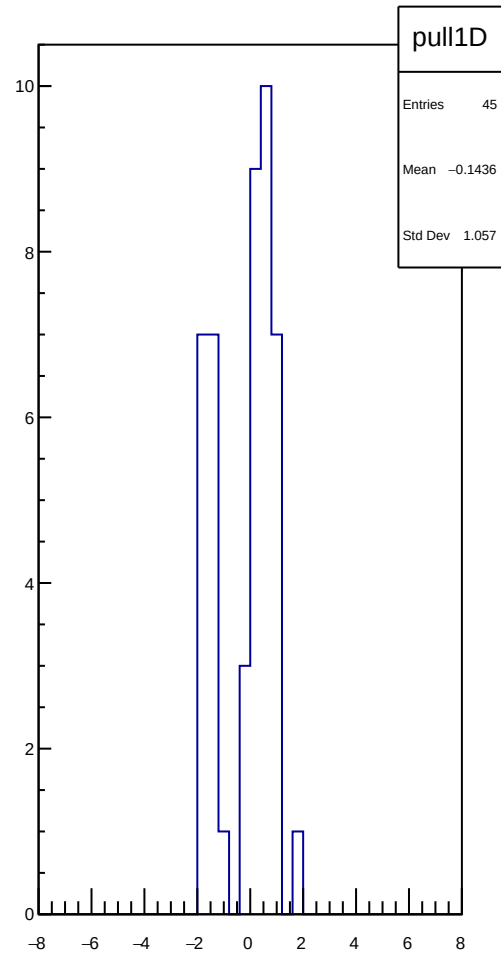
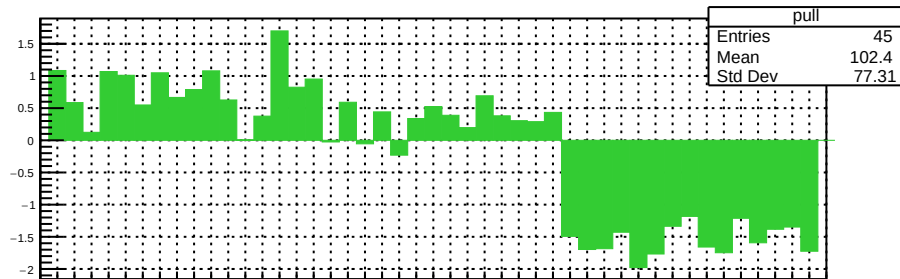
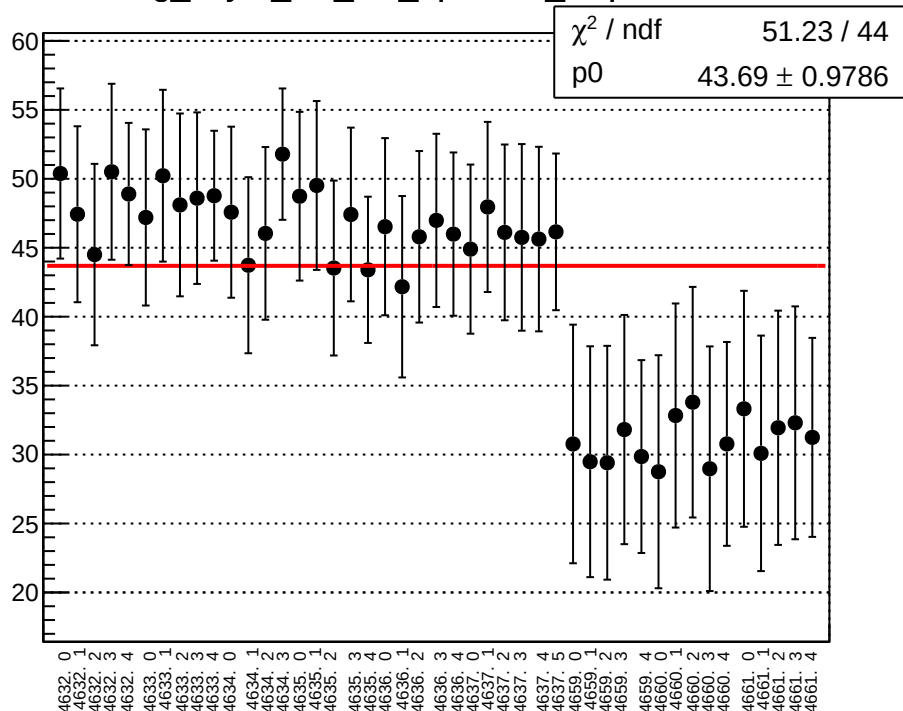
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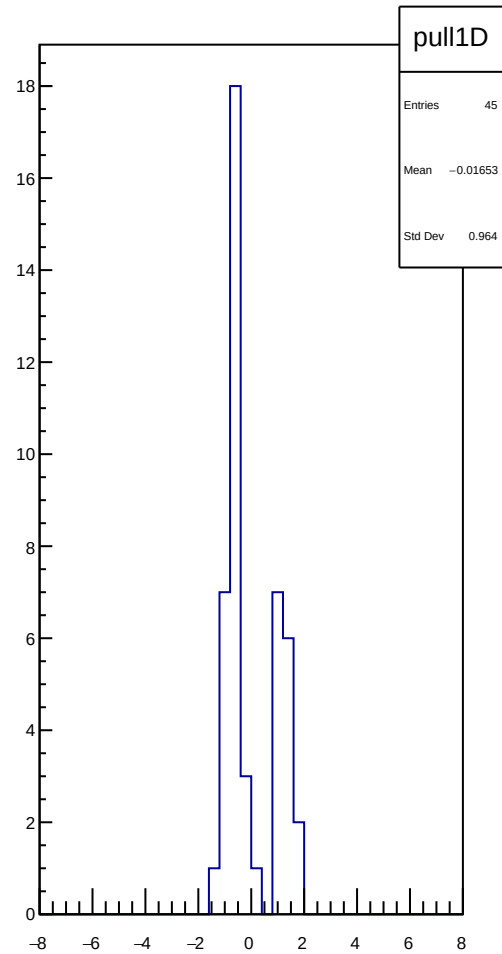
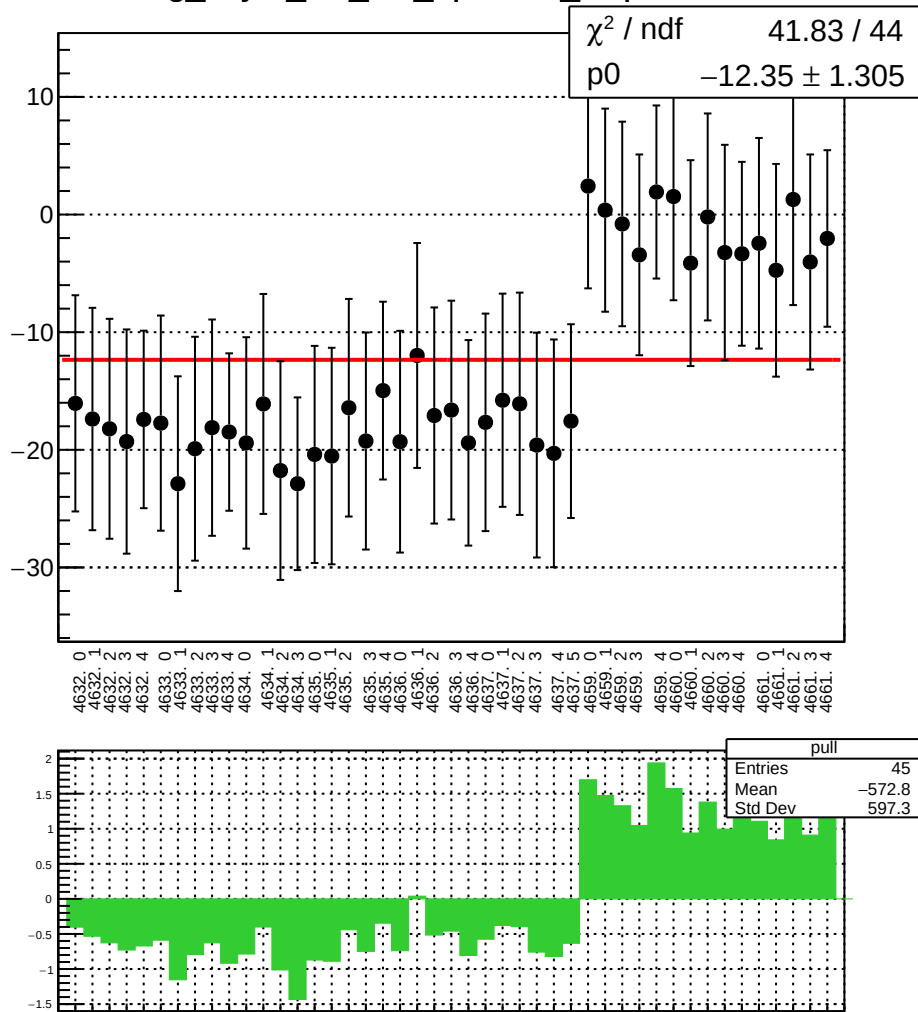
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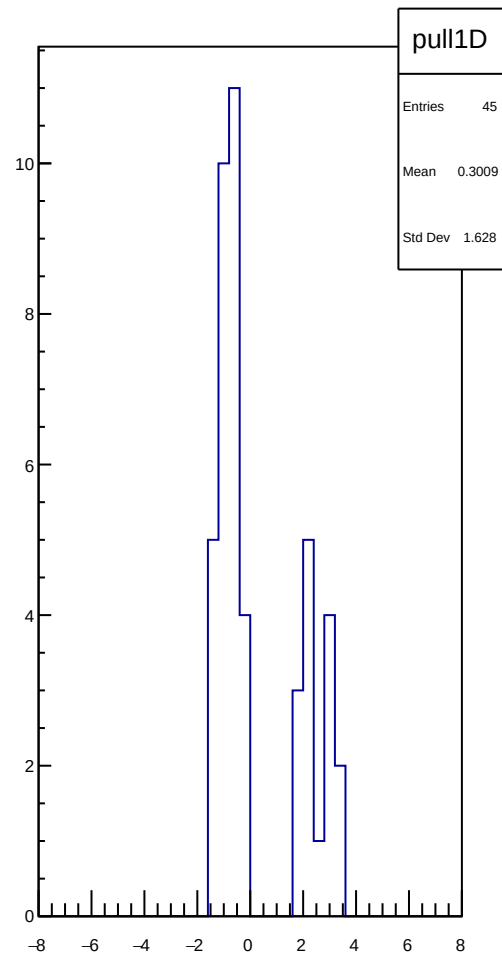
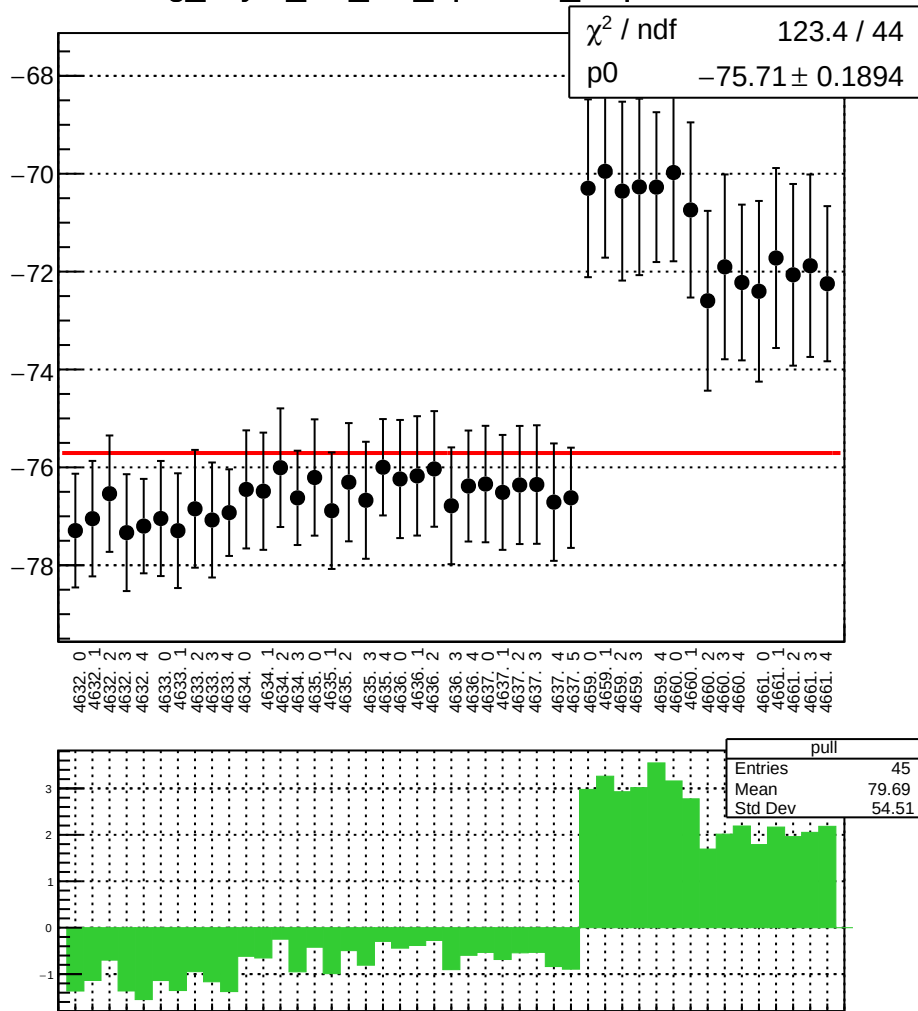
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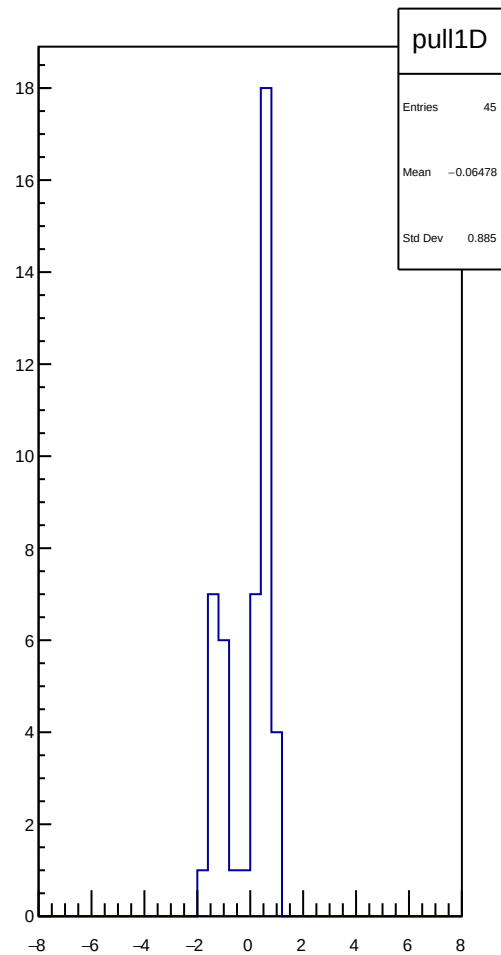
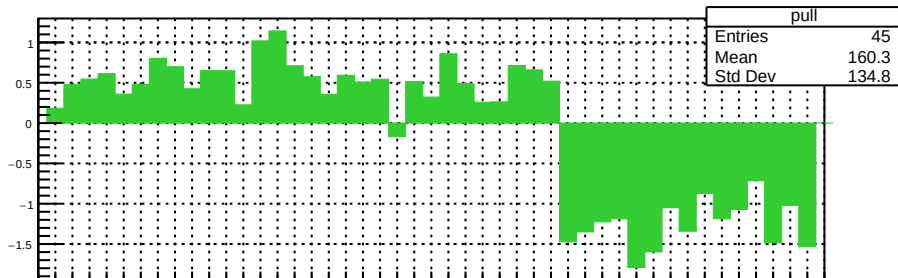
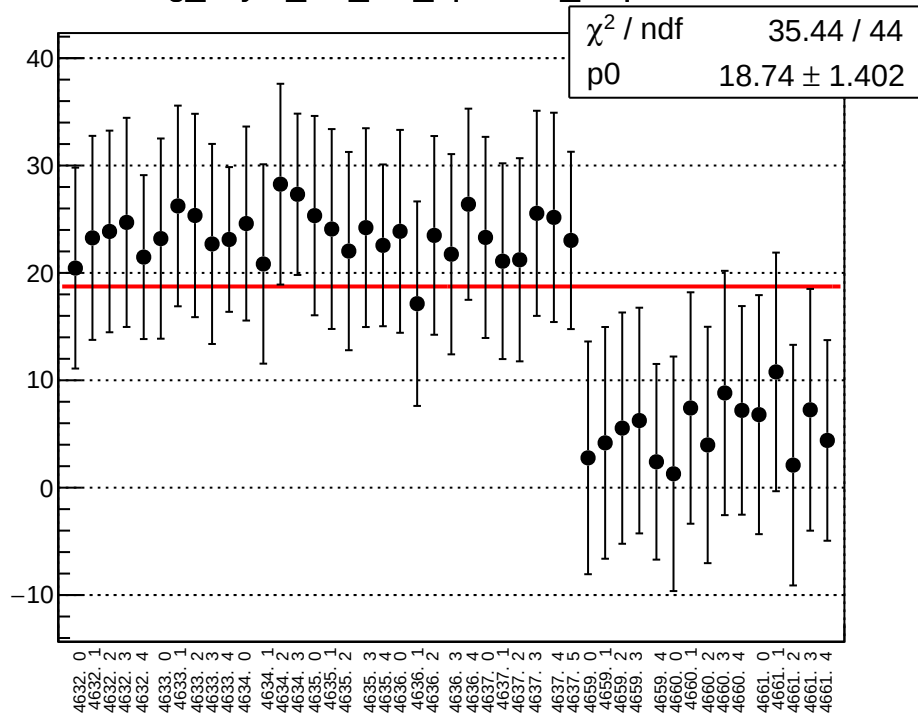
reg_asym_dsl_diff_bpm4aY_slope vs run



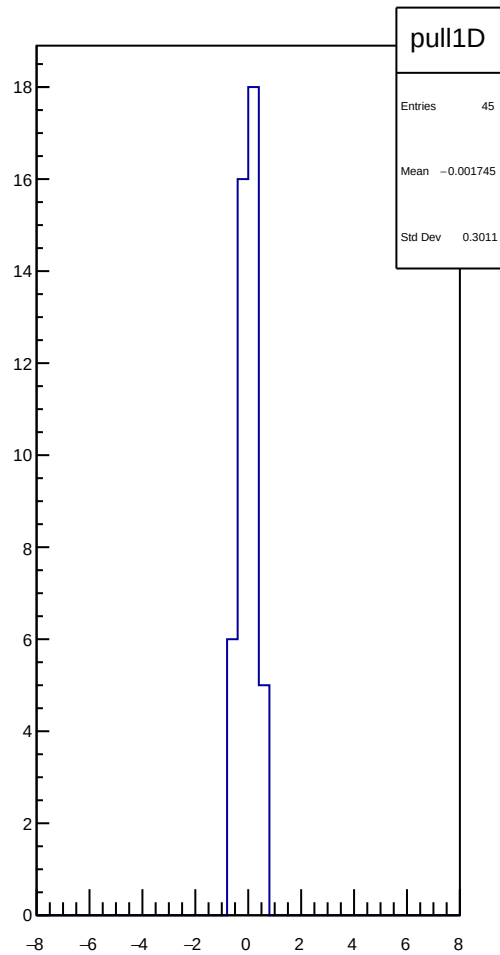
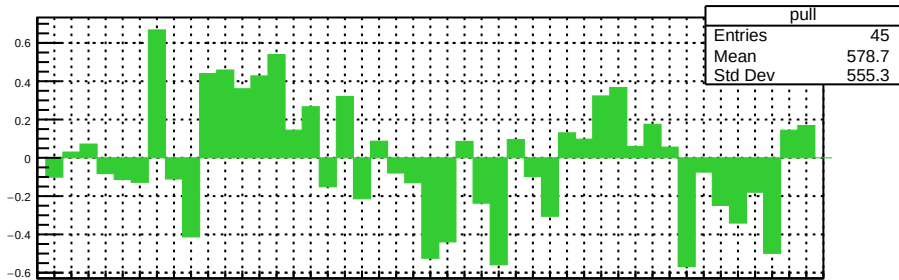
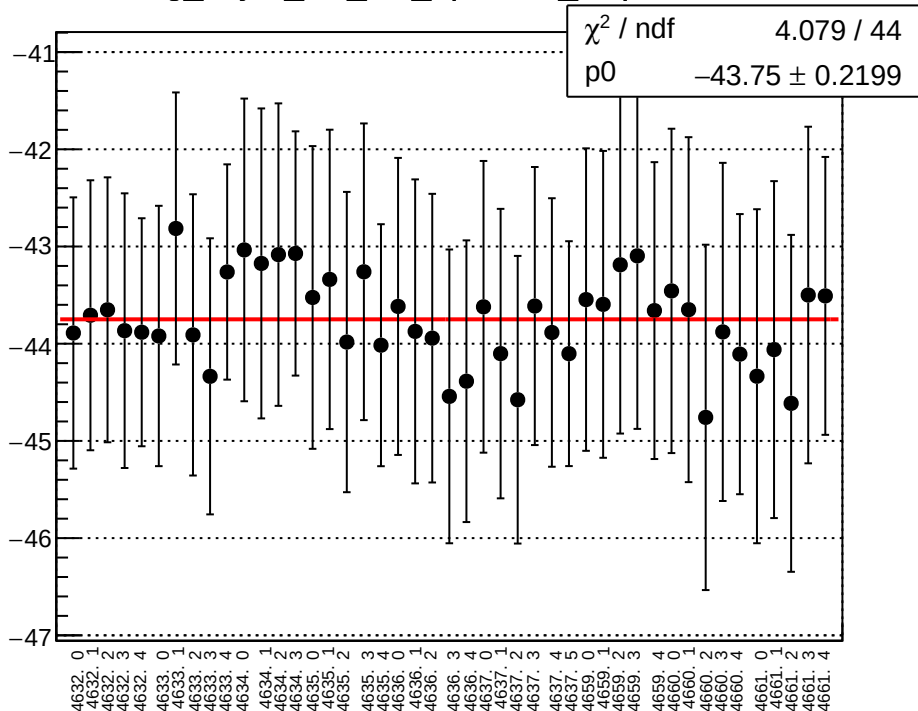
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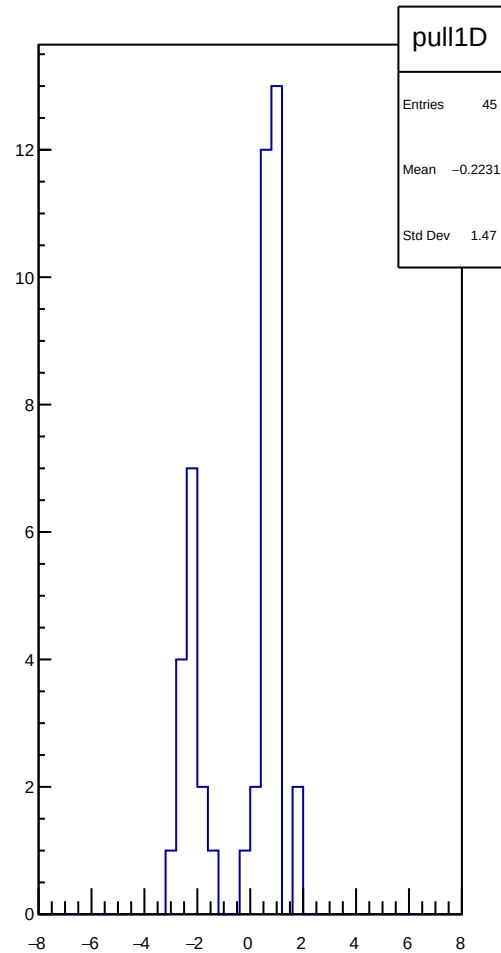
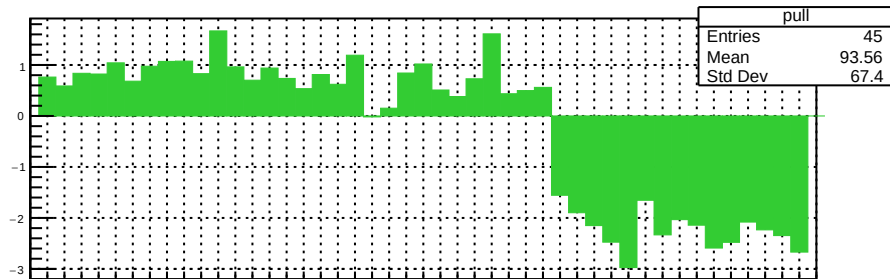
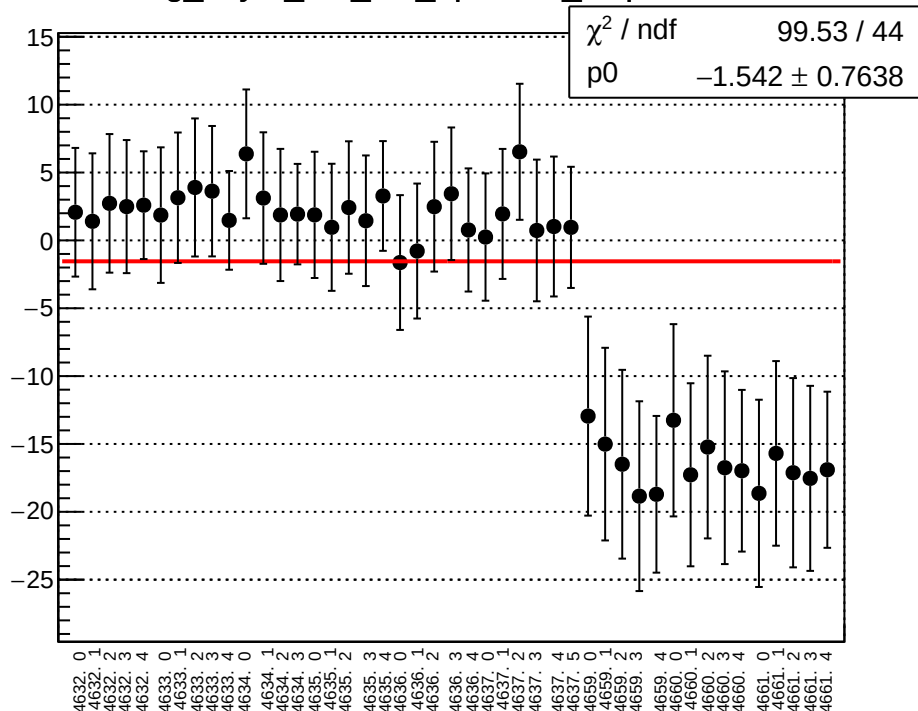
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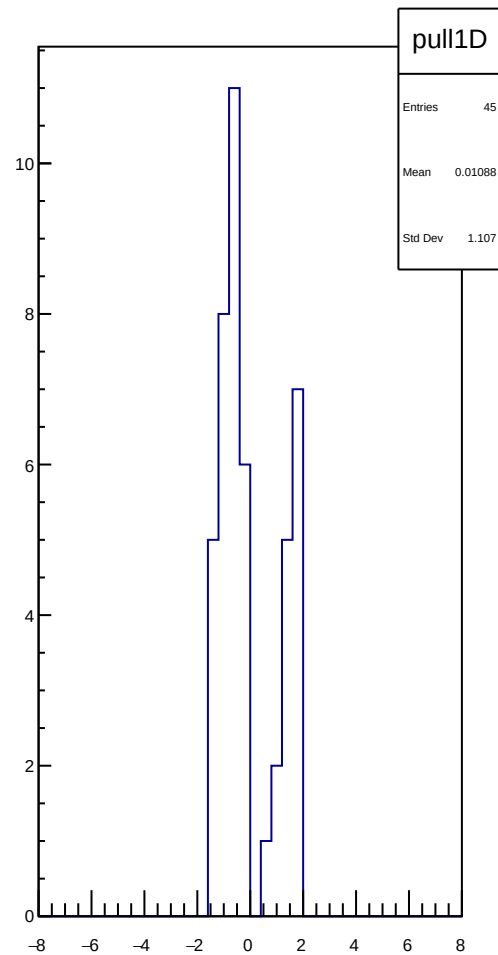
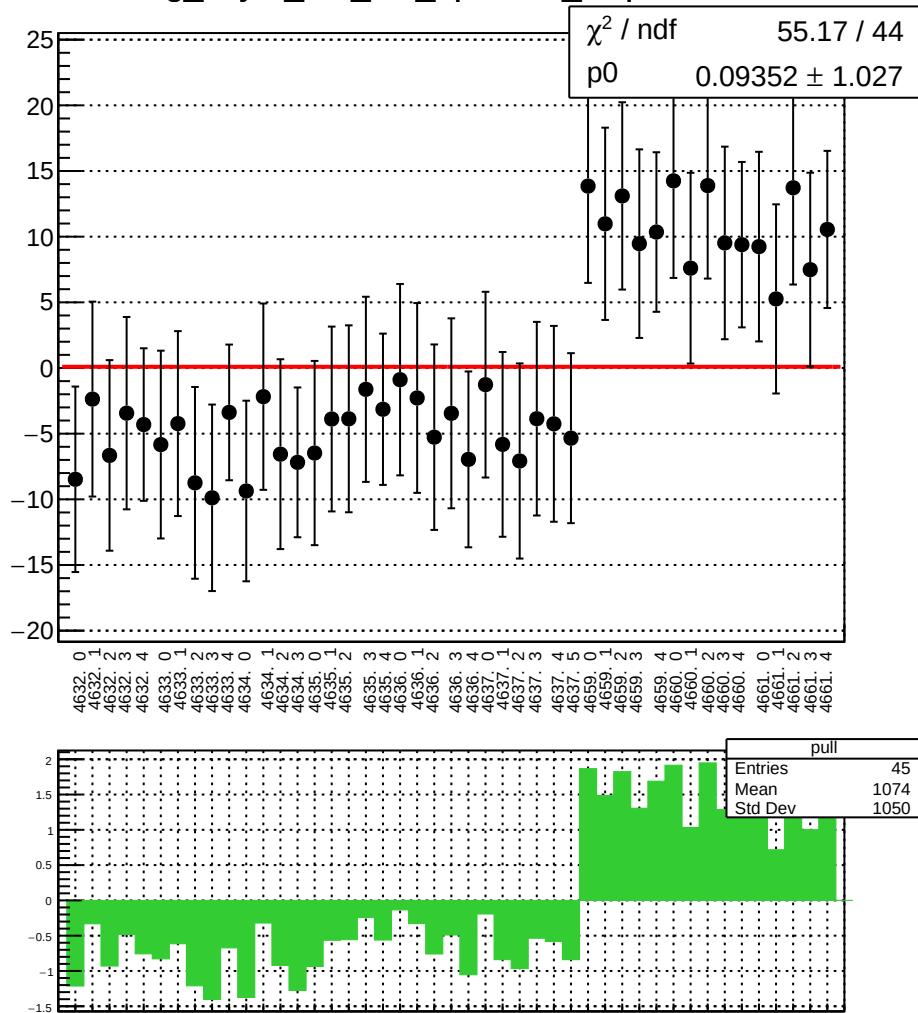
reg asym dsl diff bpm11X slope vs run



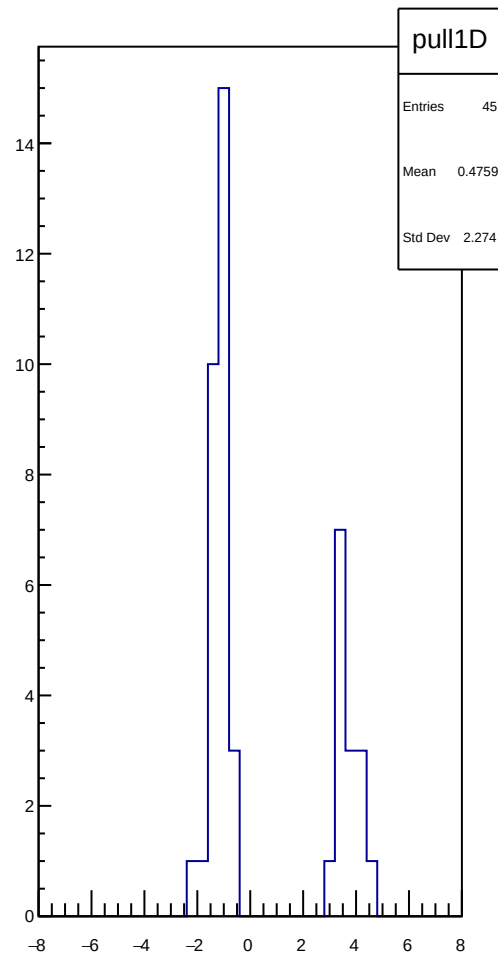
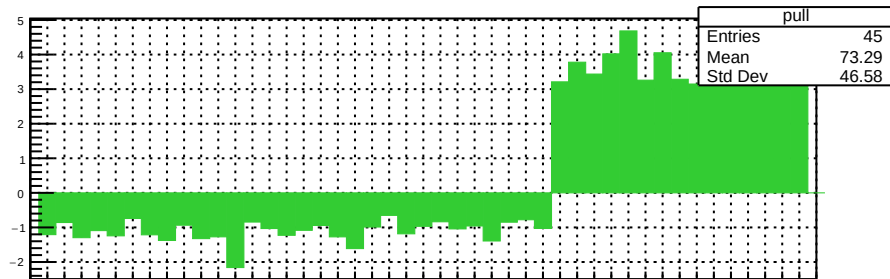
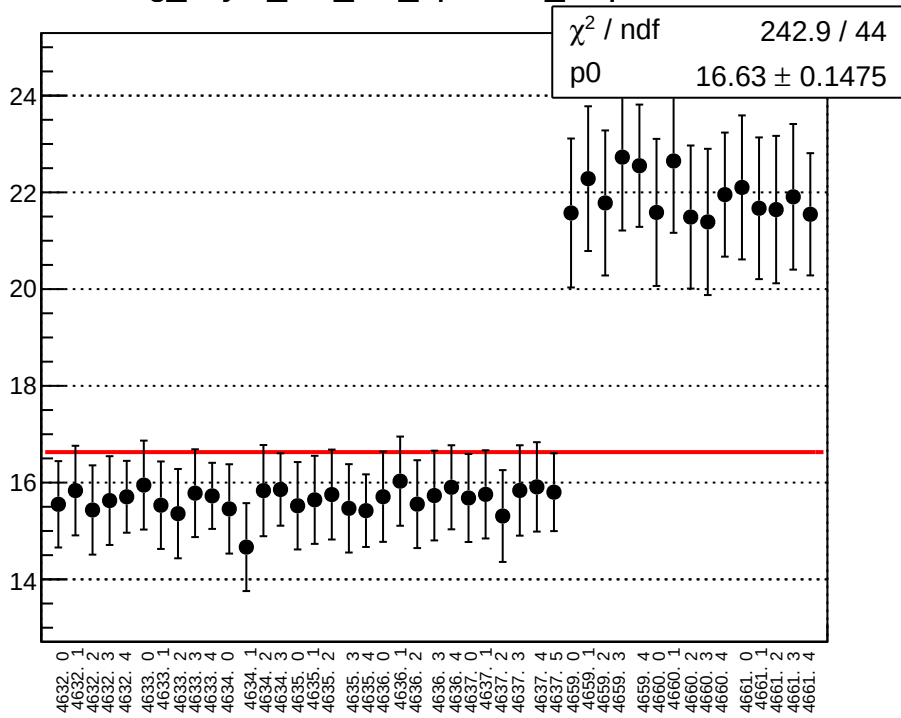
reg_asym_dsr_diff_bpm4aX_slope vs run



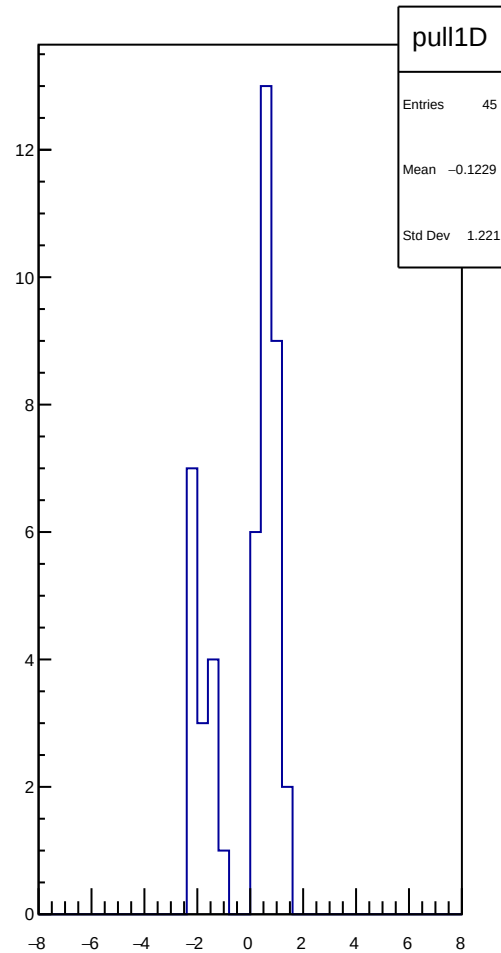
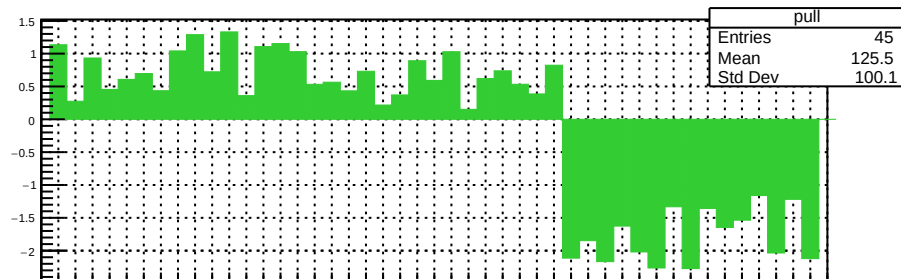
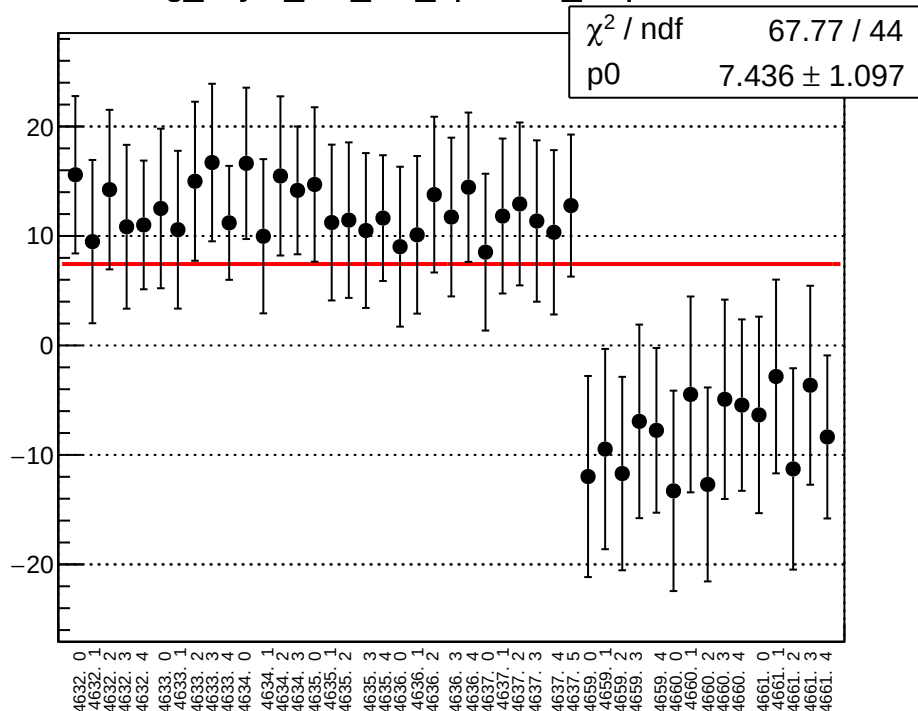
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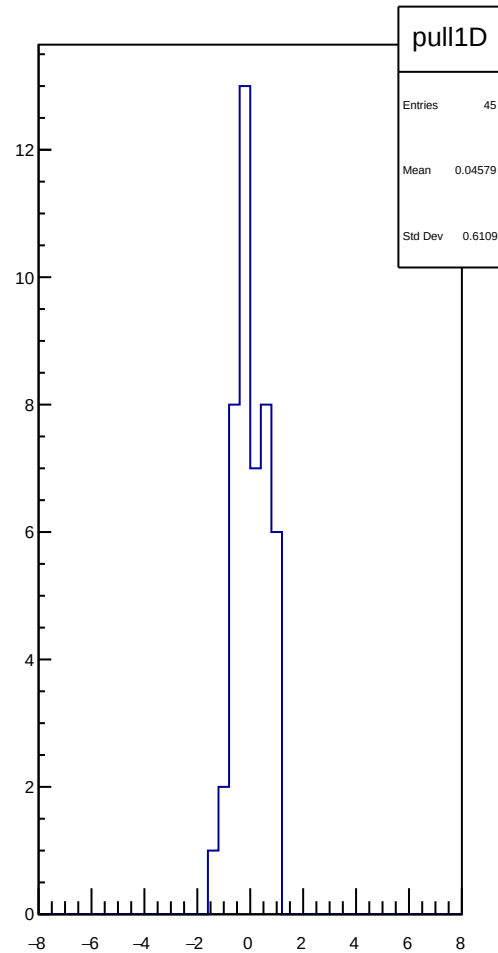
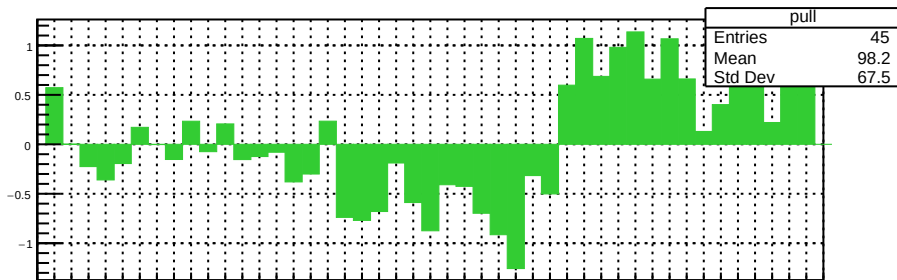
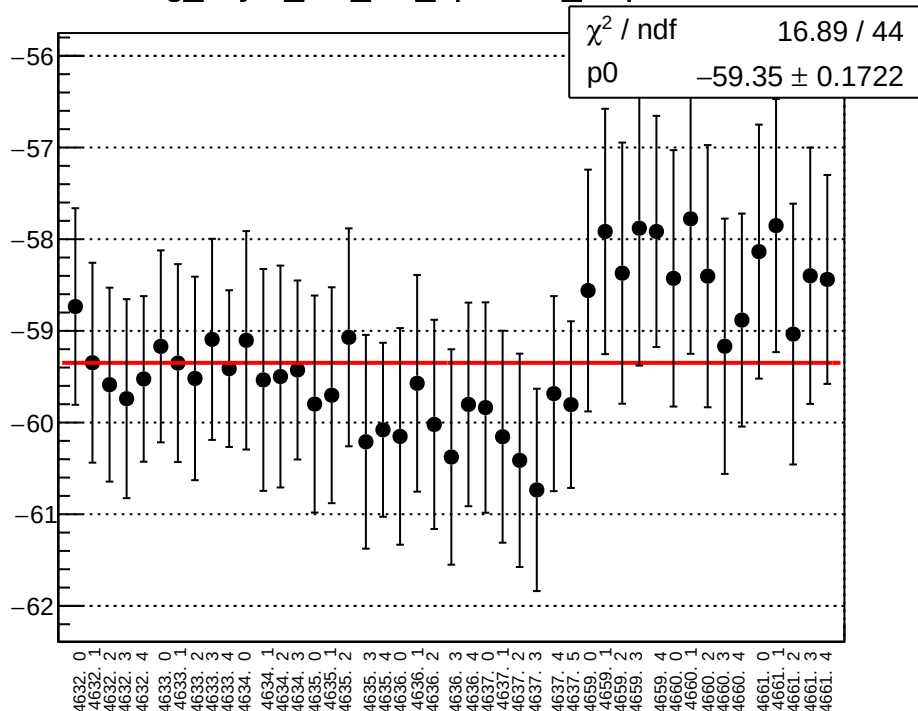
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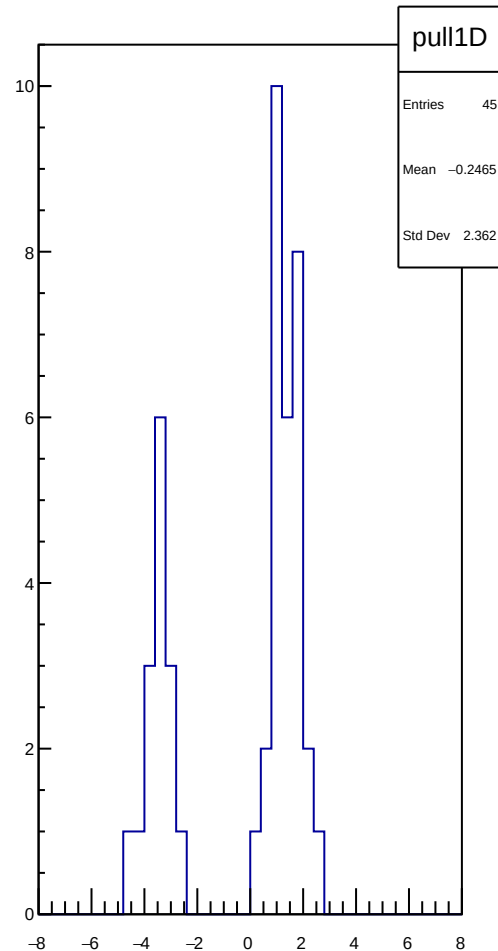
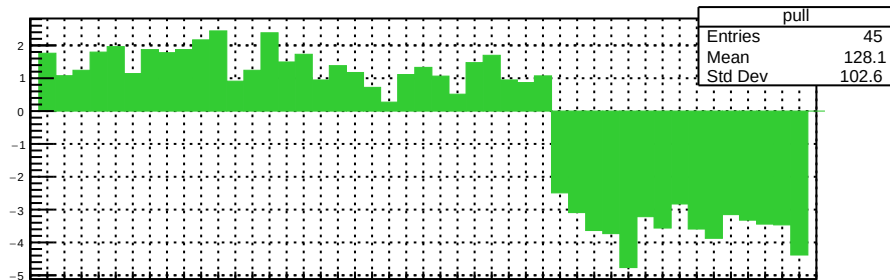
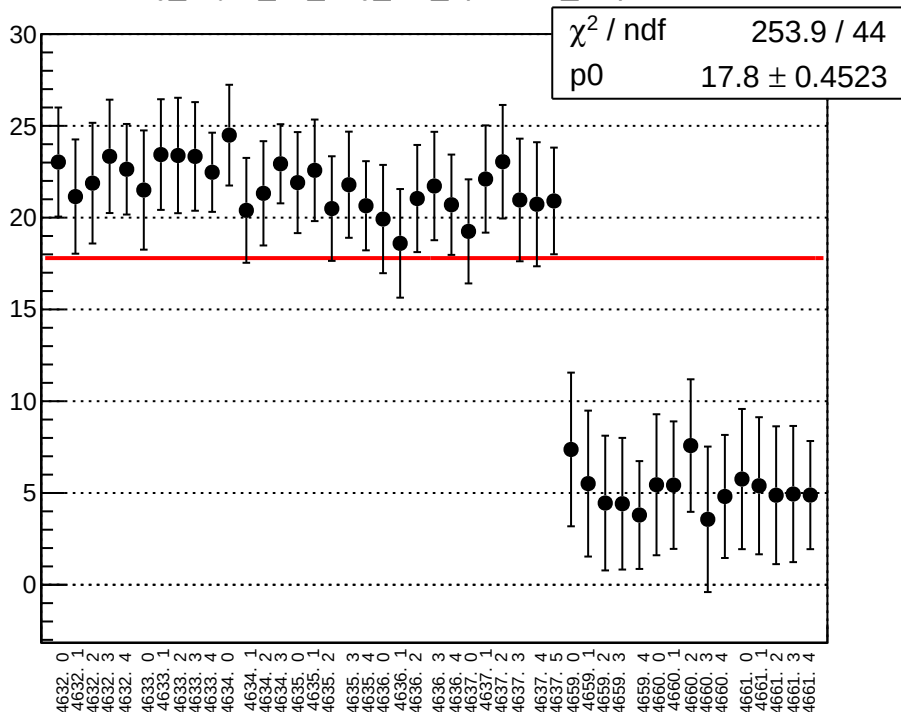
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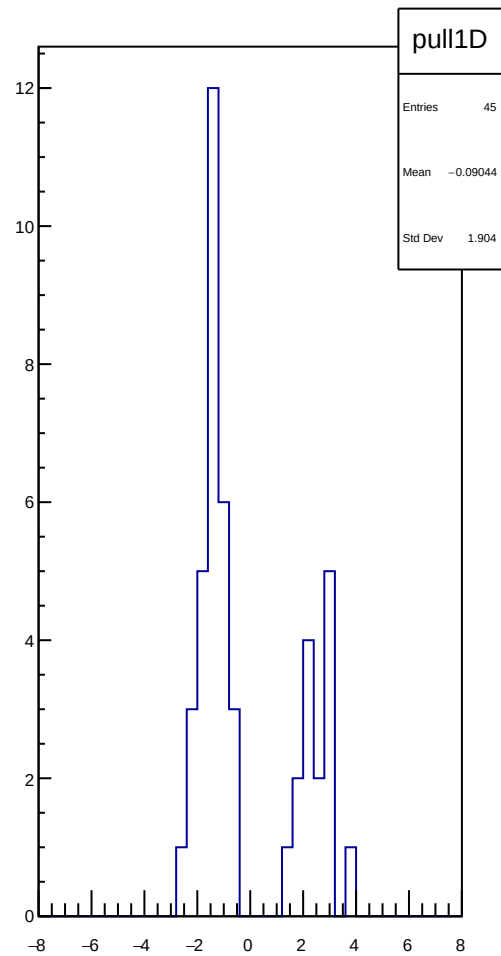
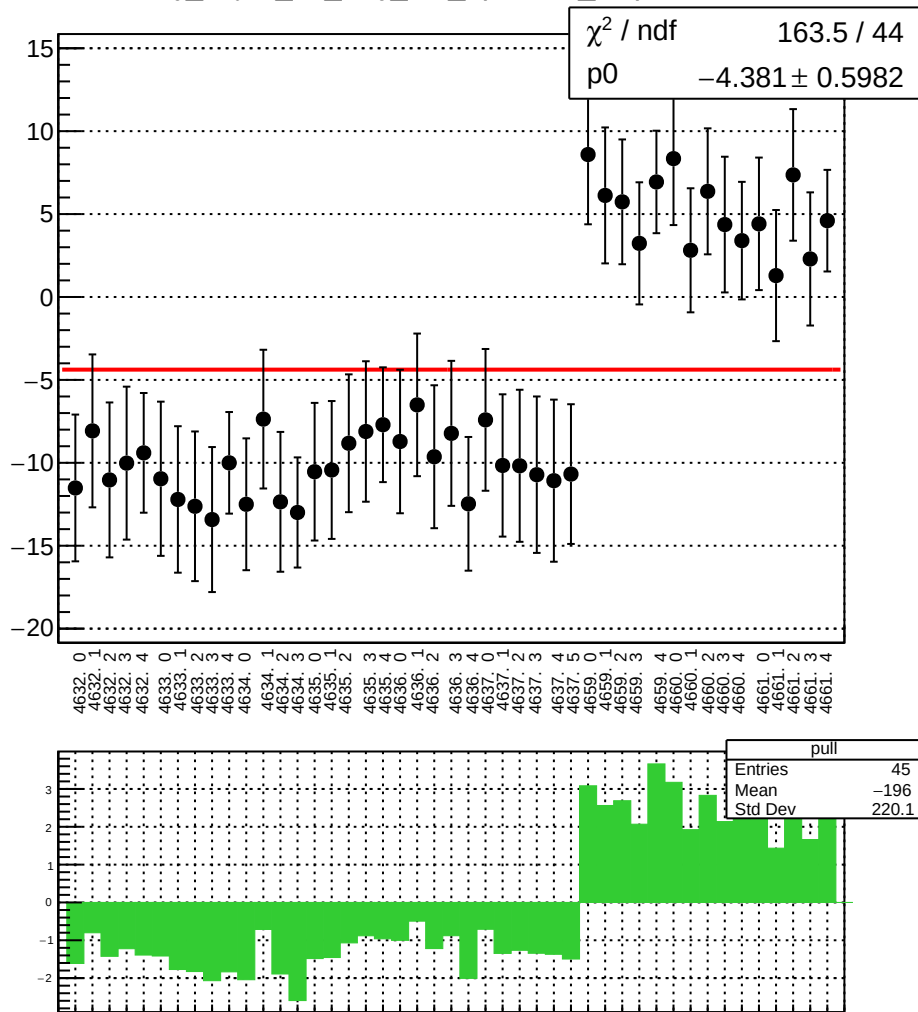
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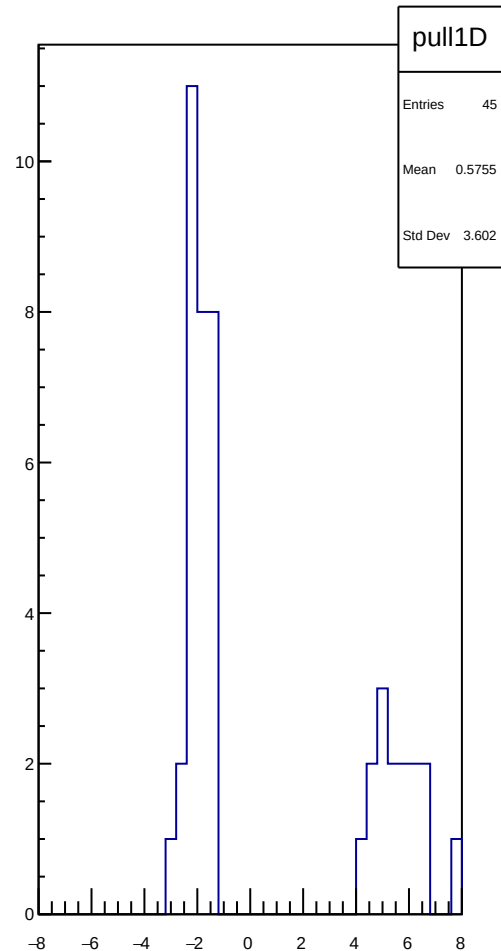
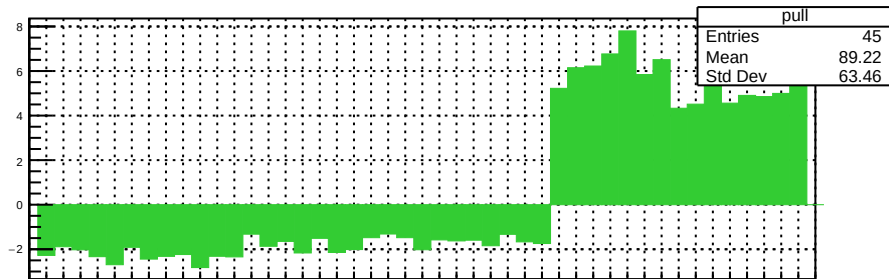
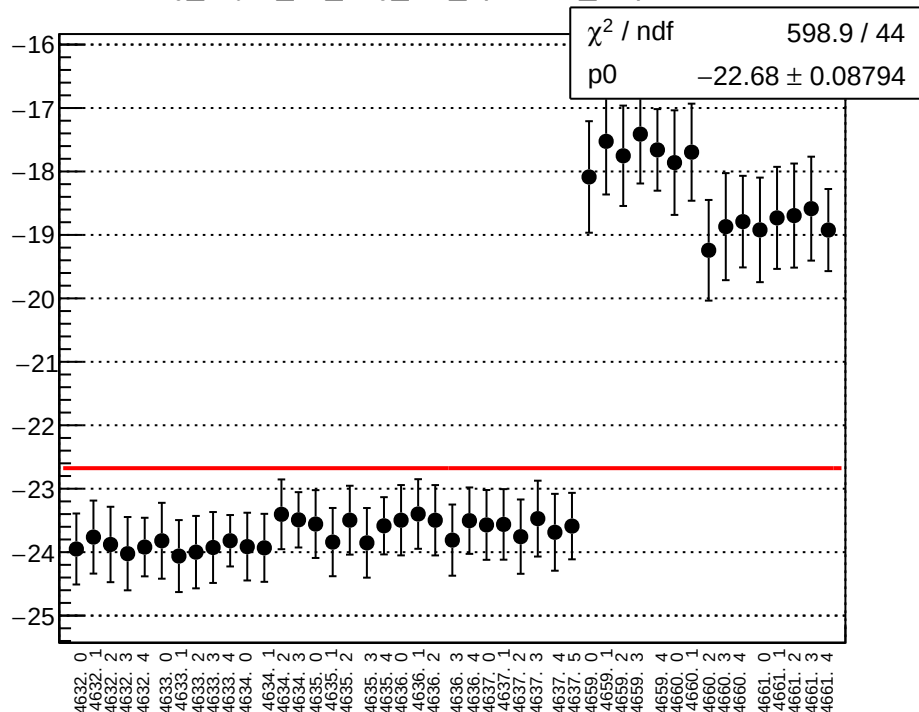
reg_asym_us_avg_diff_bpm4aX_slope vs run



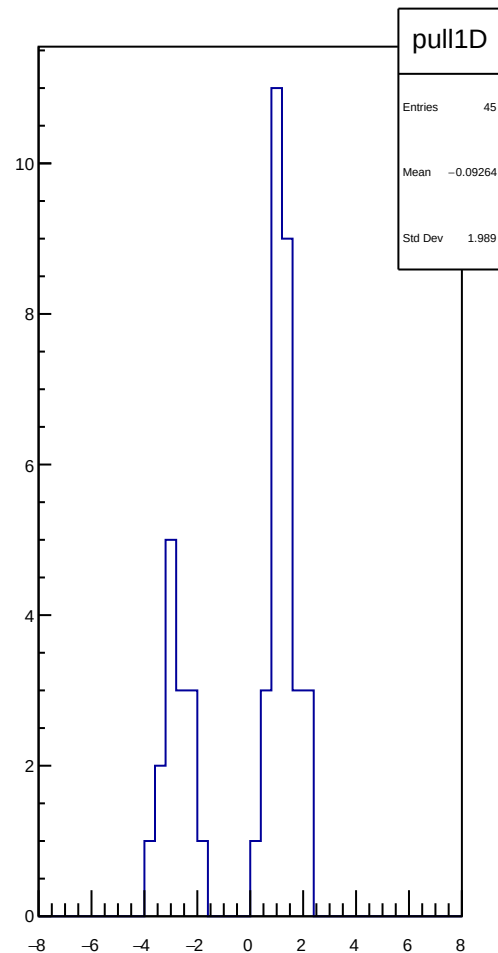
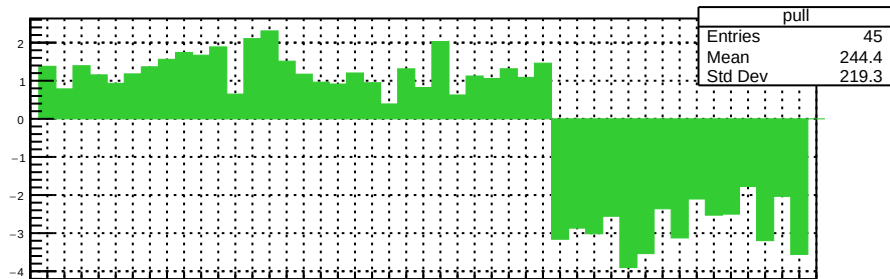
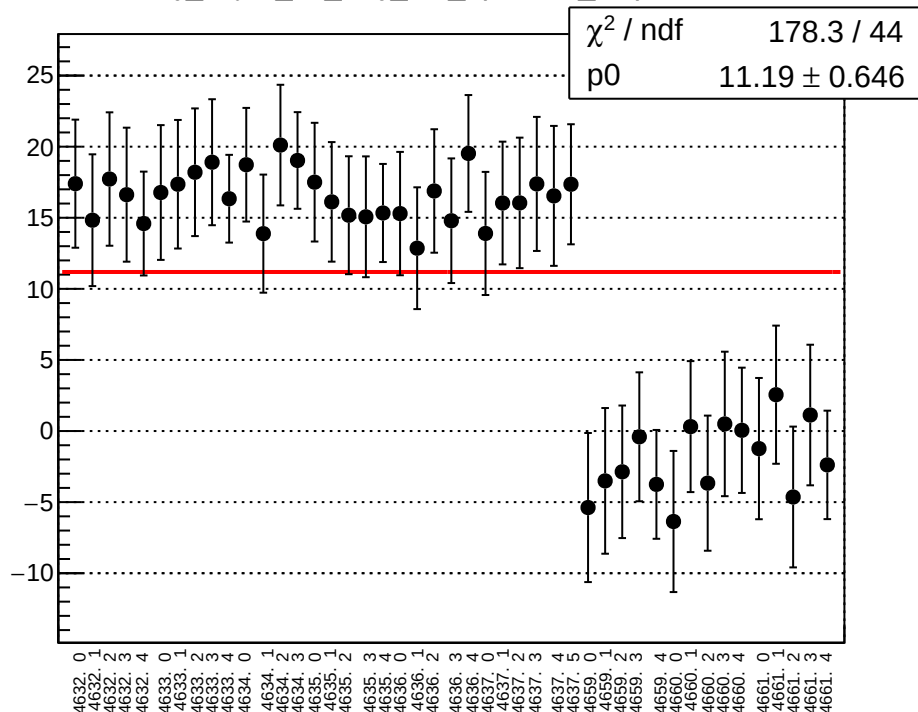
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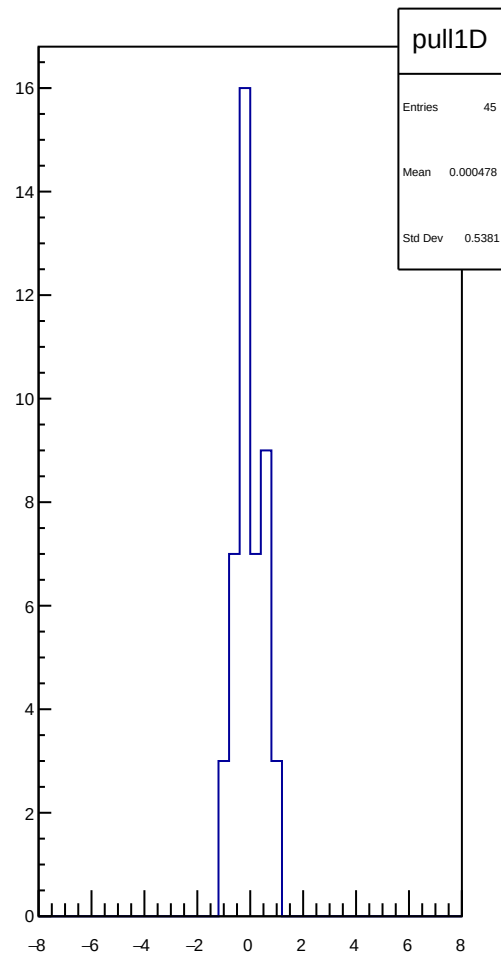
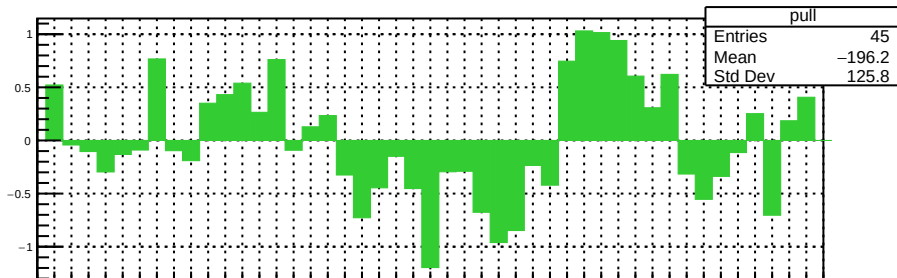
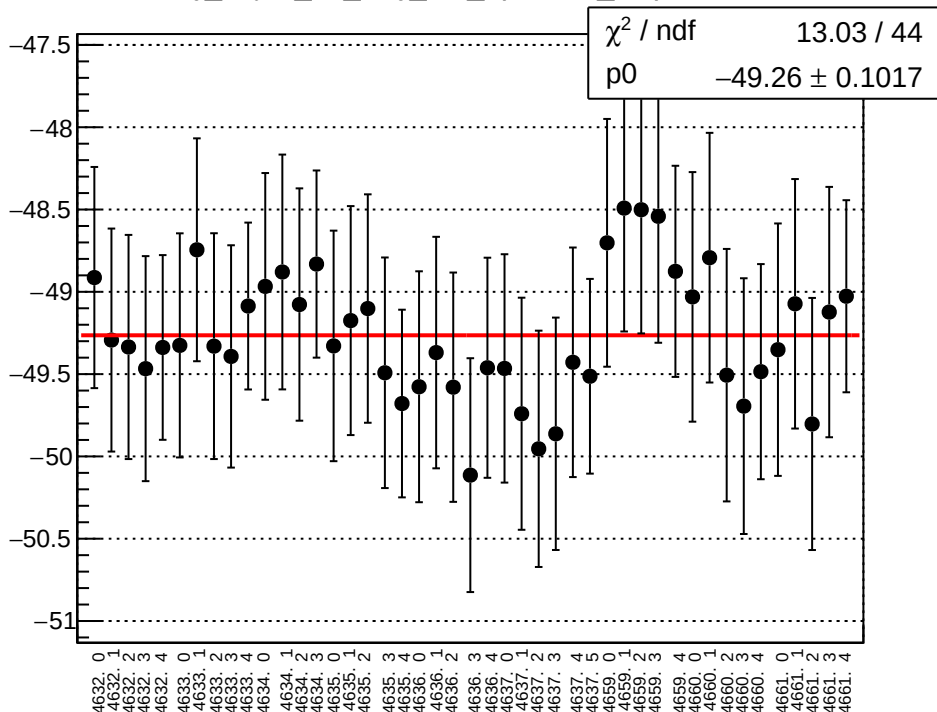
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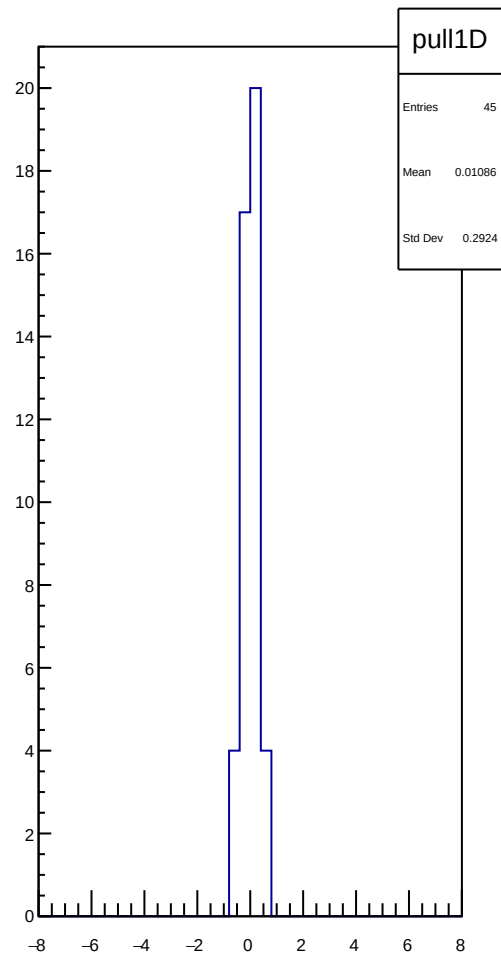
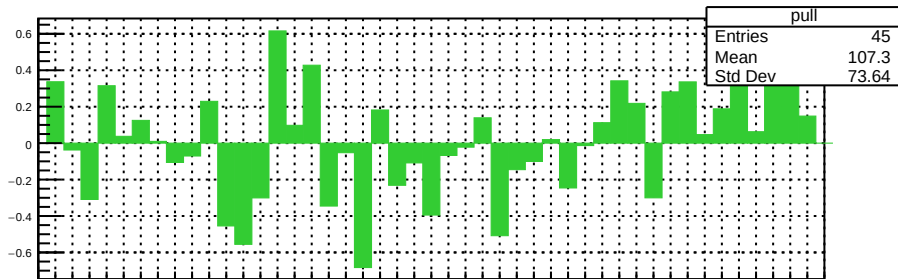
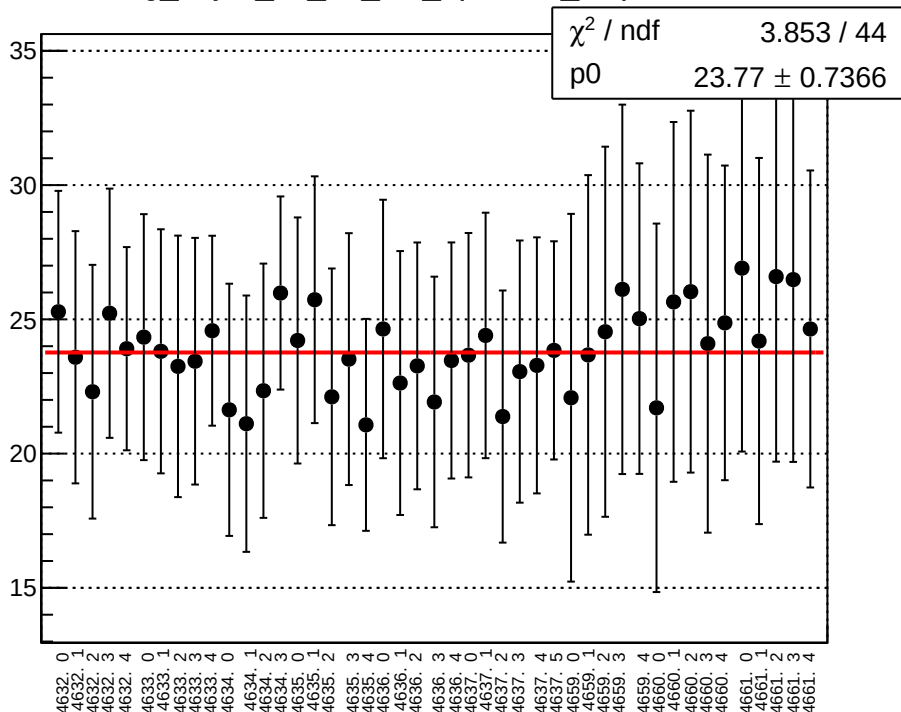
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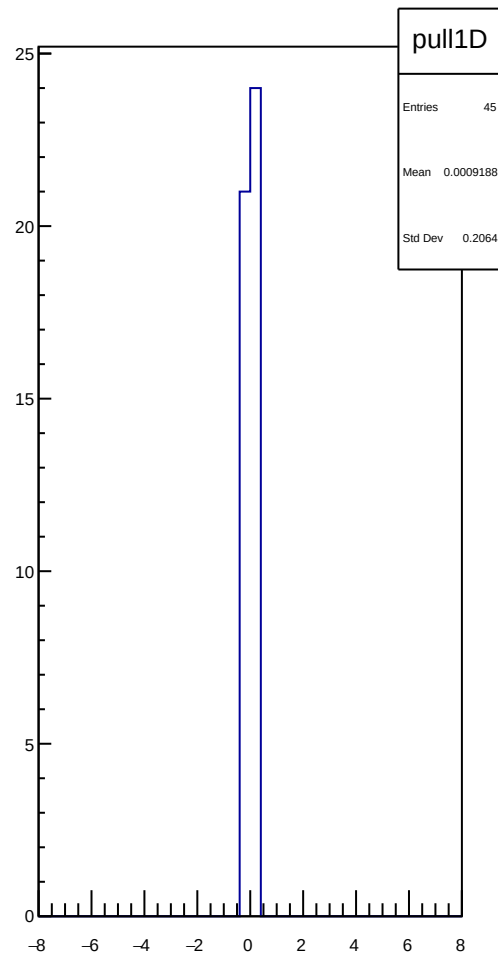
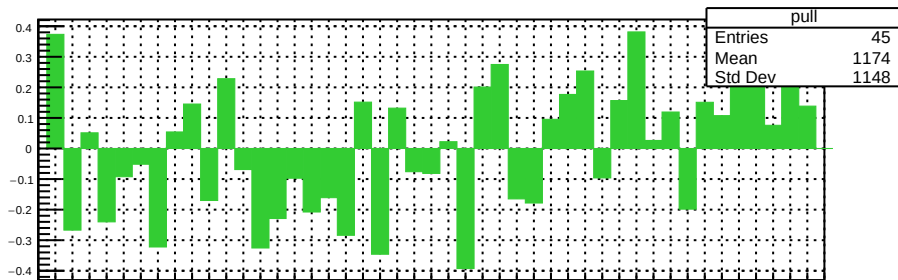
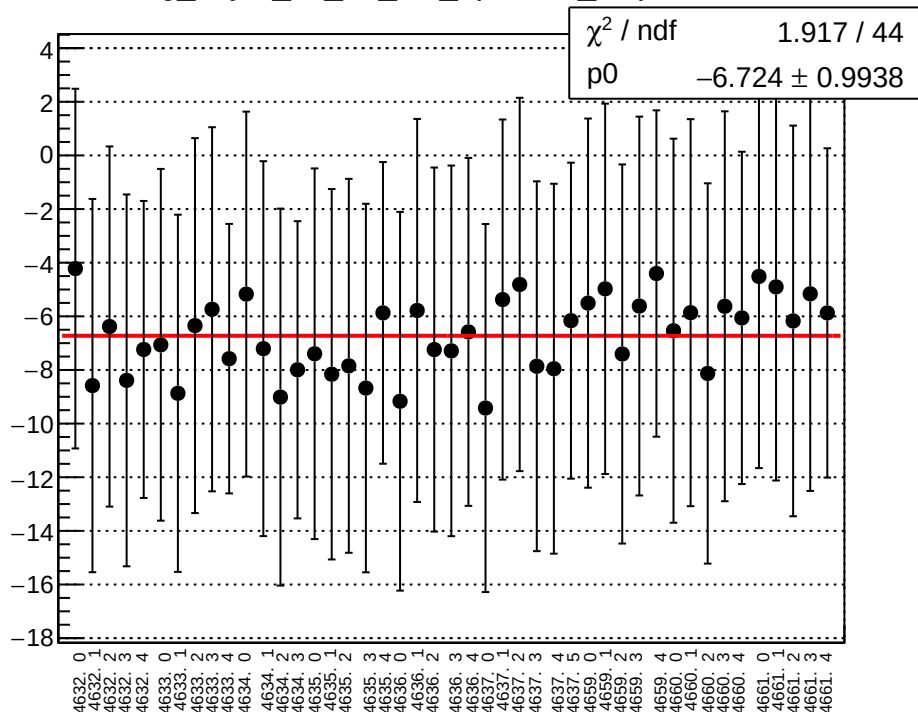
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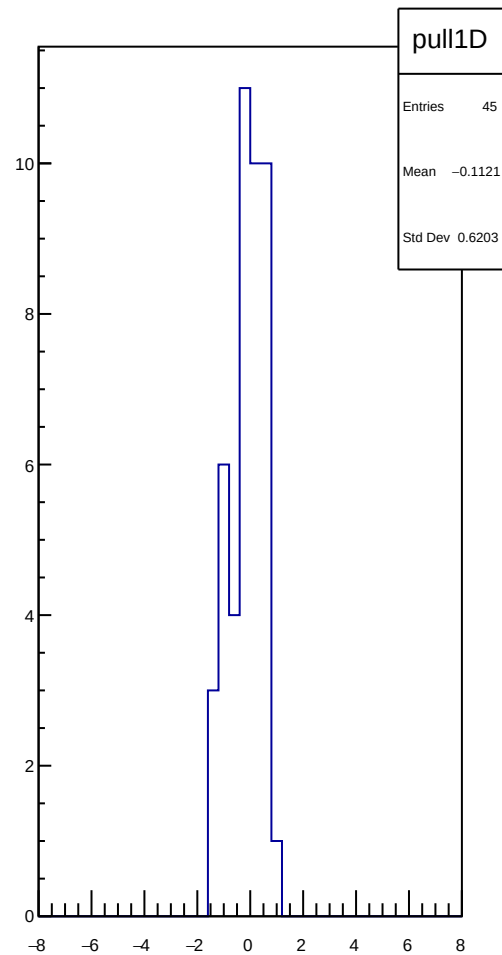
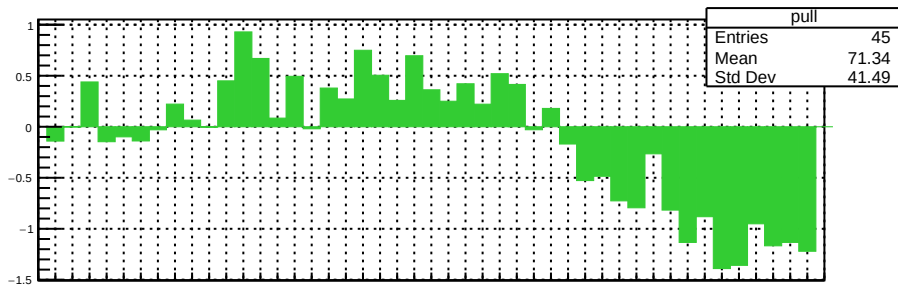
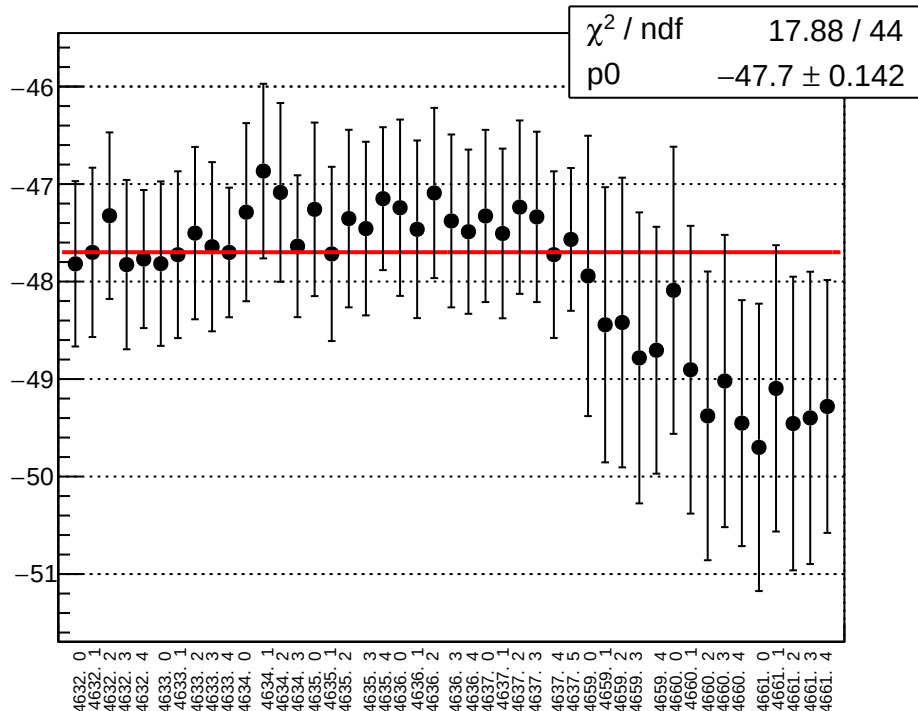
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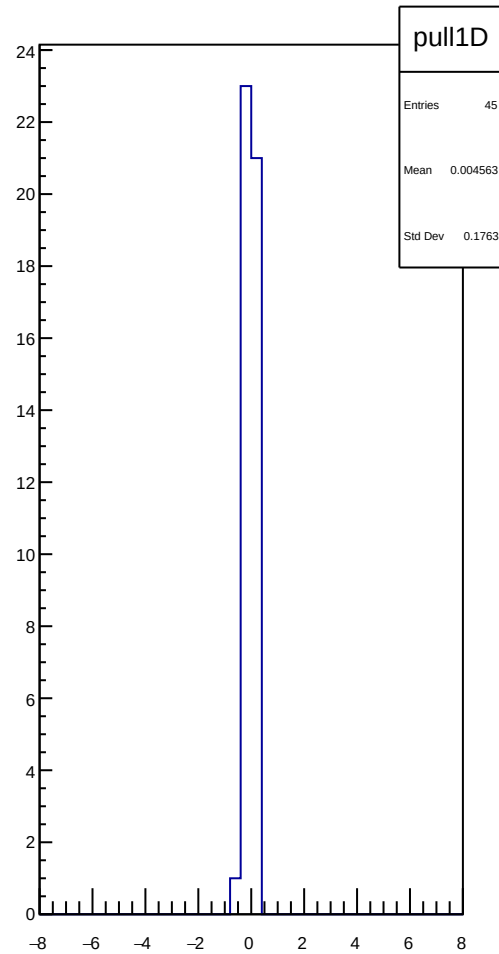
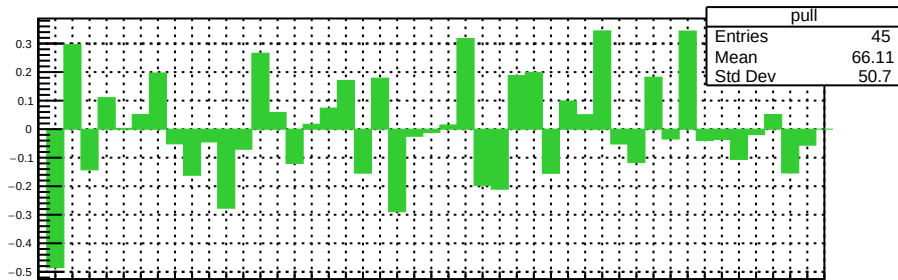
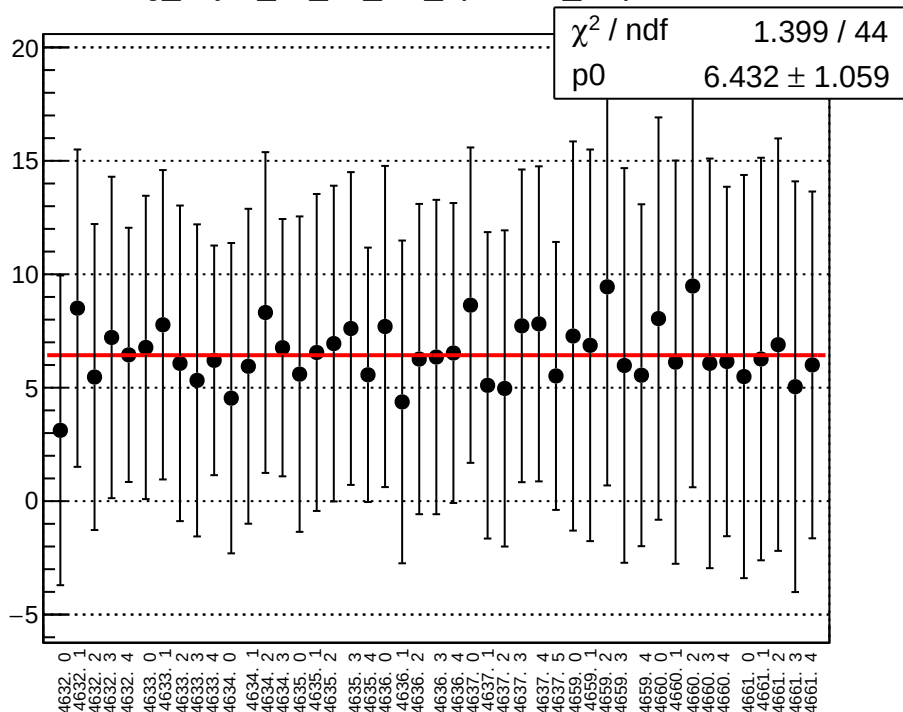
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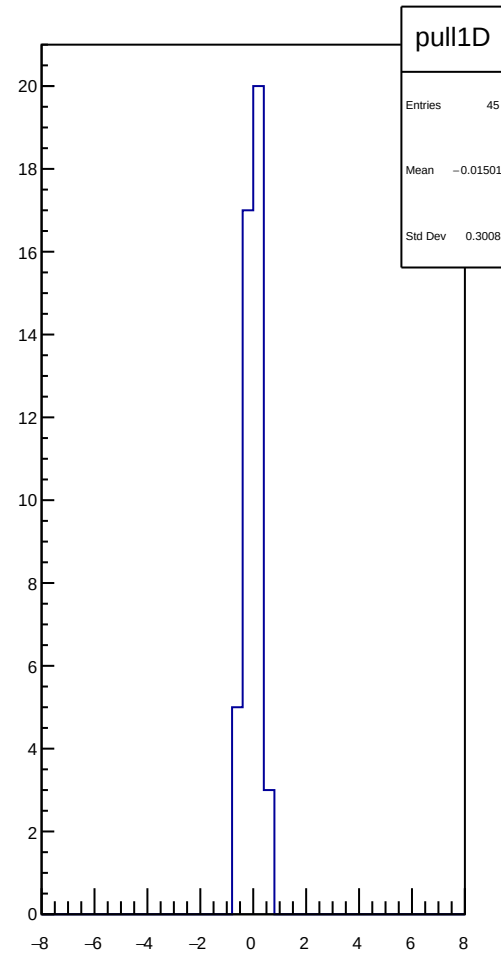
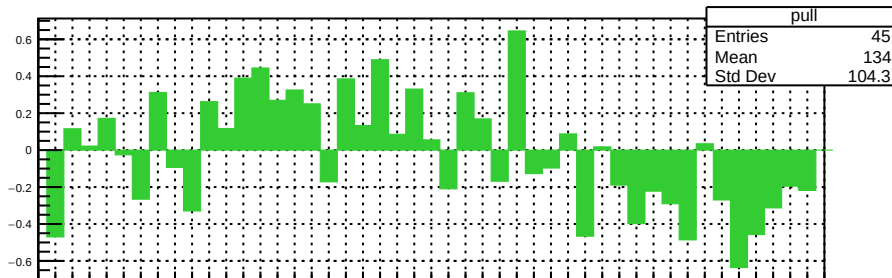
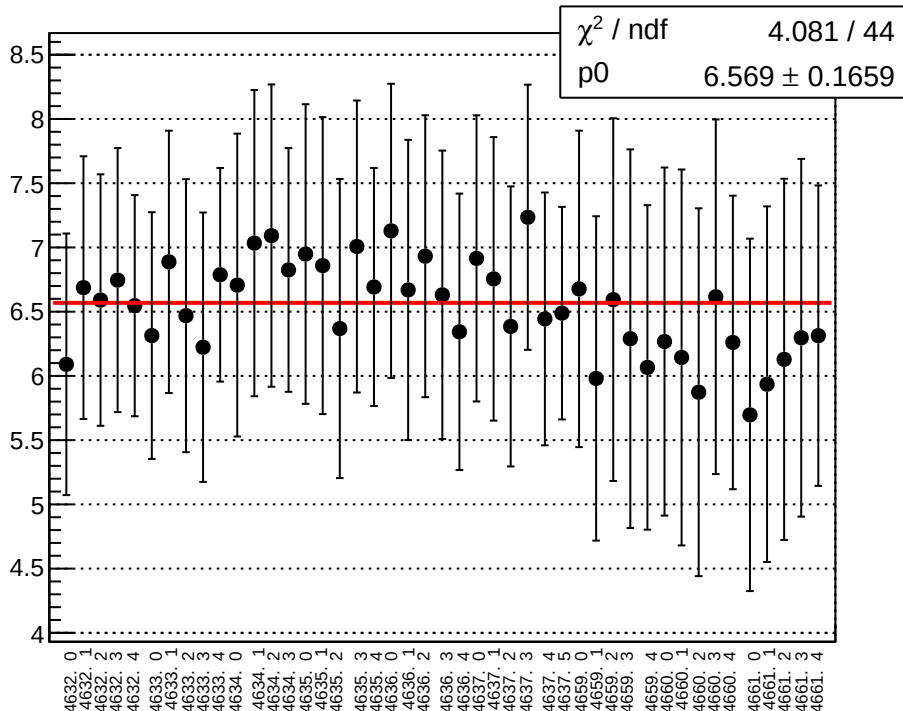
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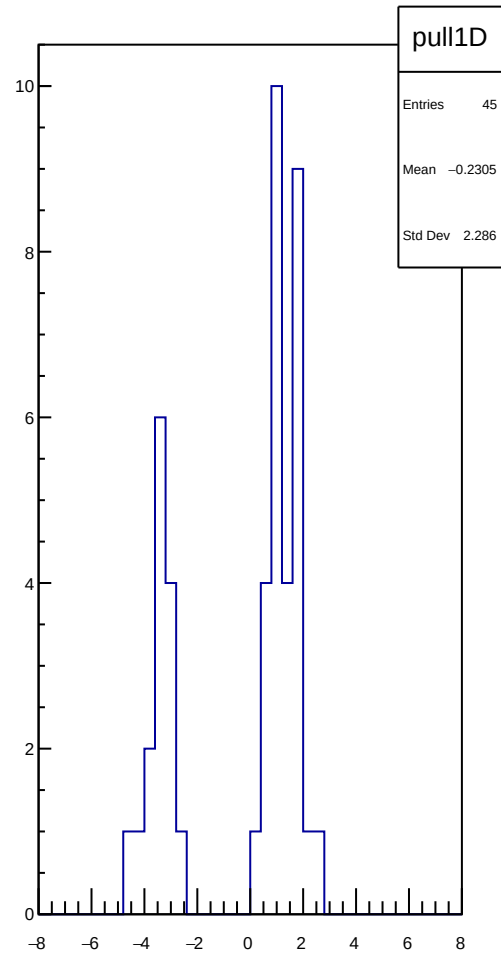
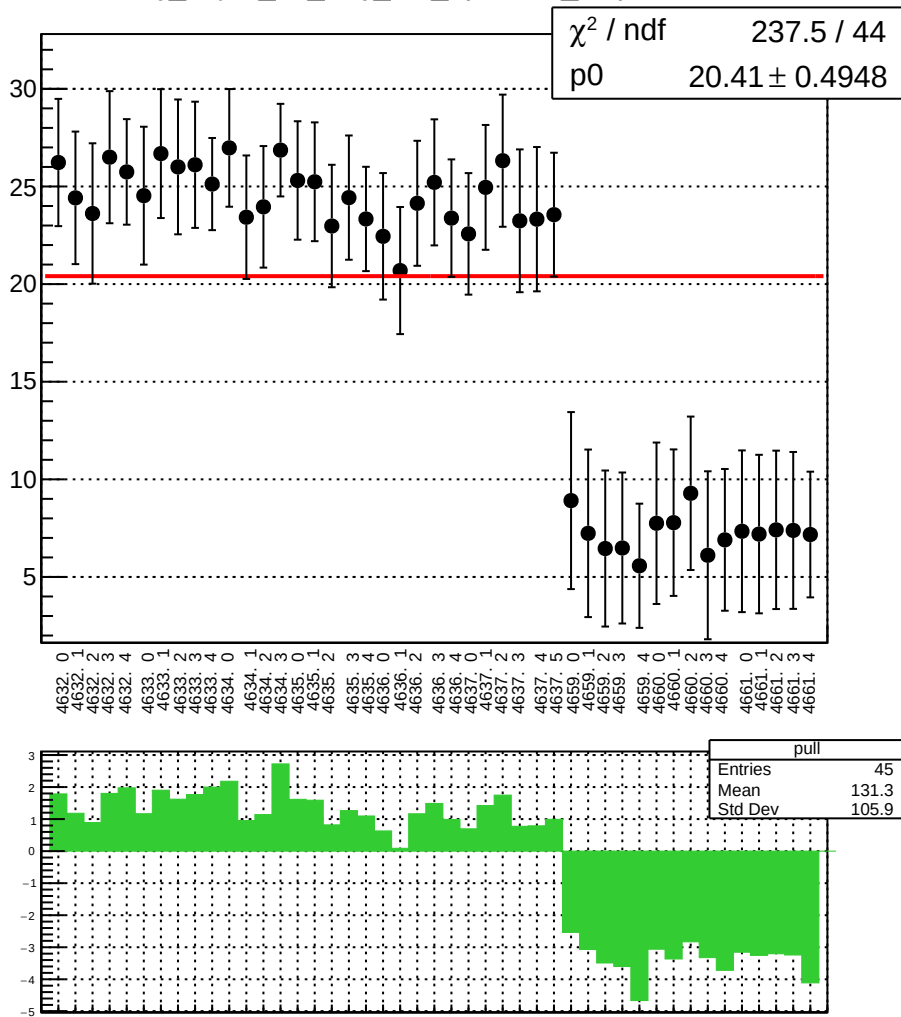
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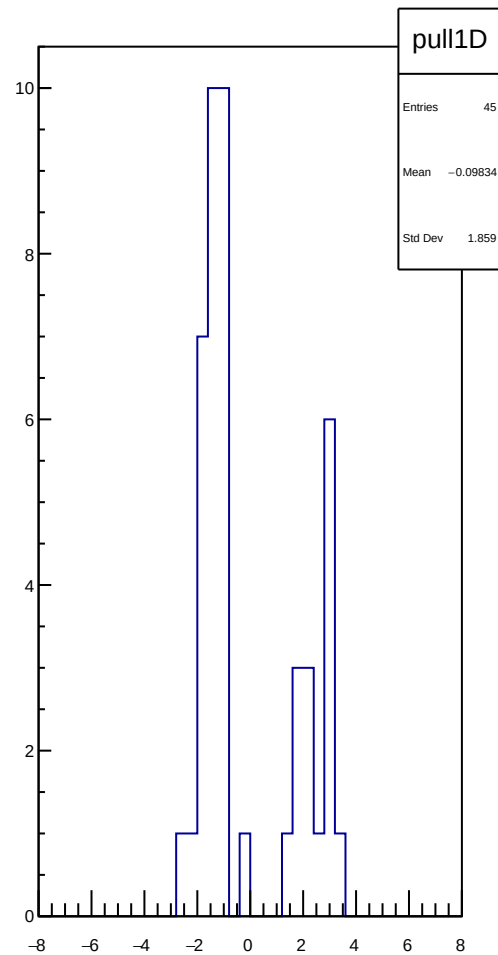
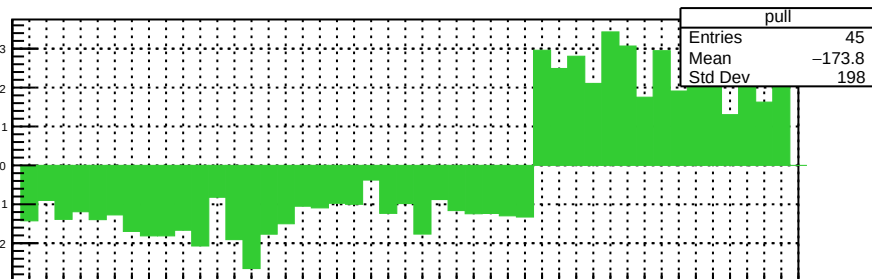
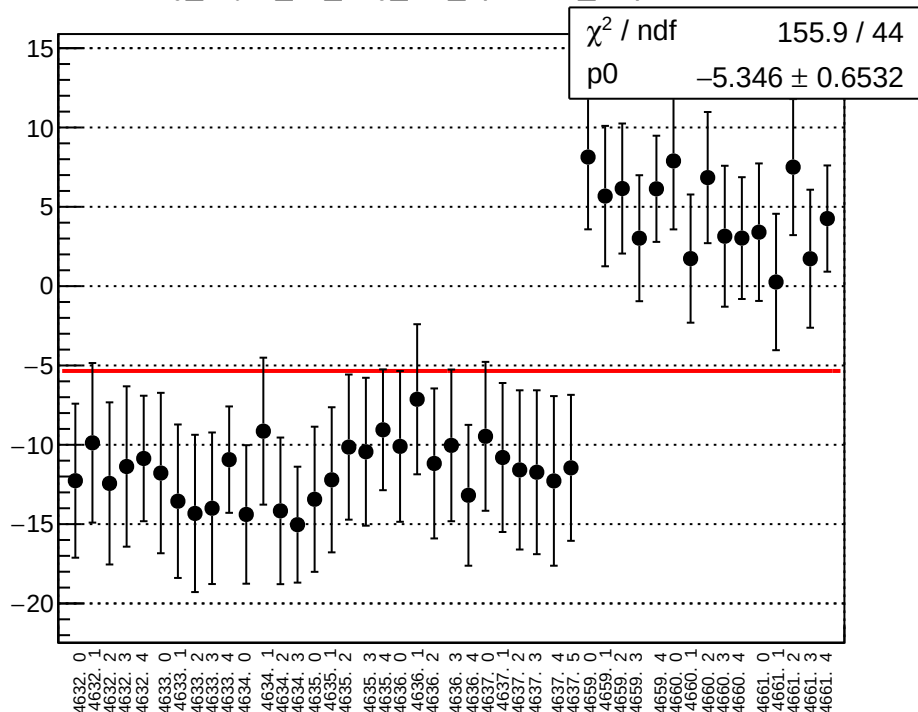
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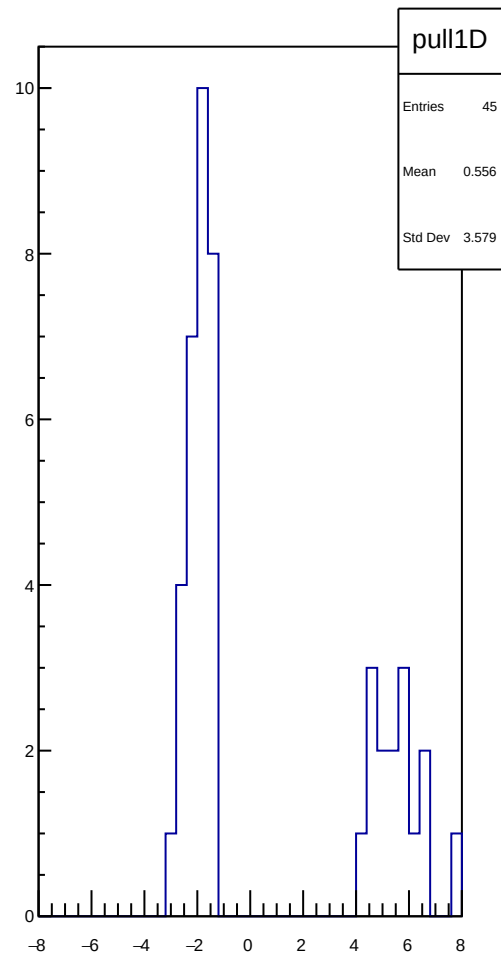
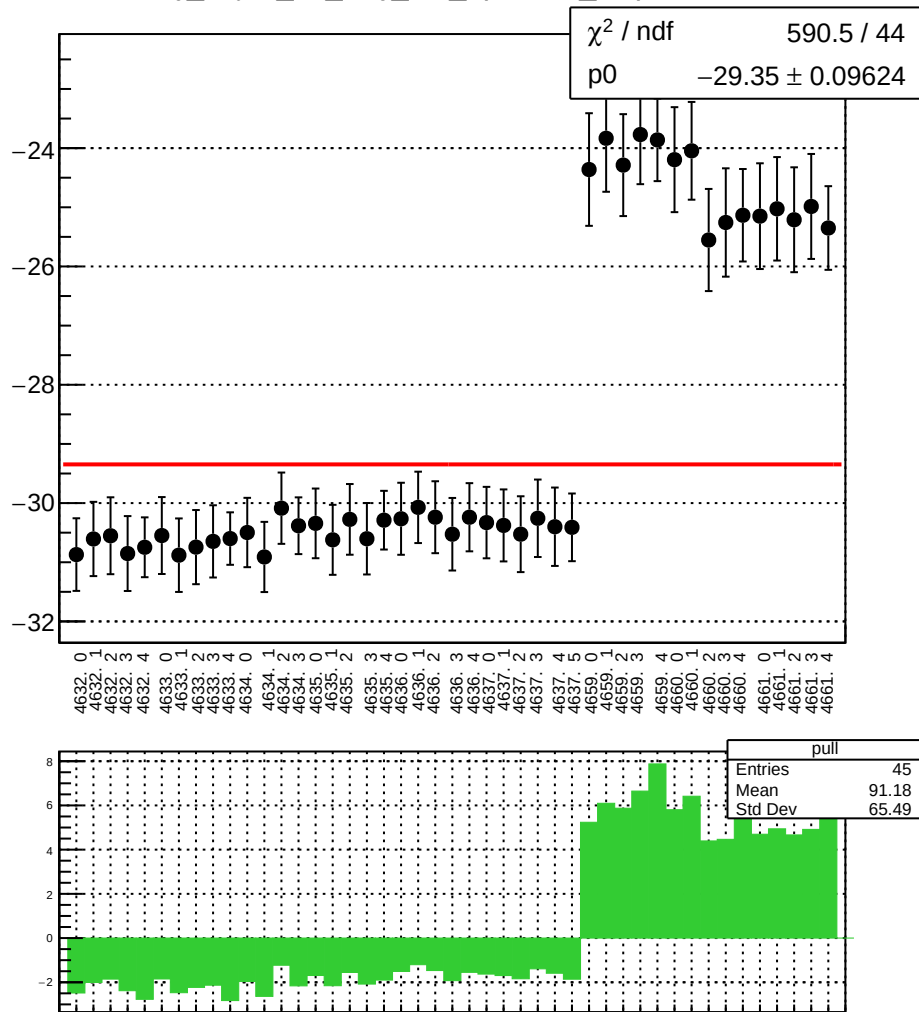
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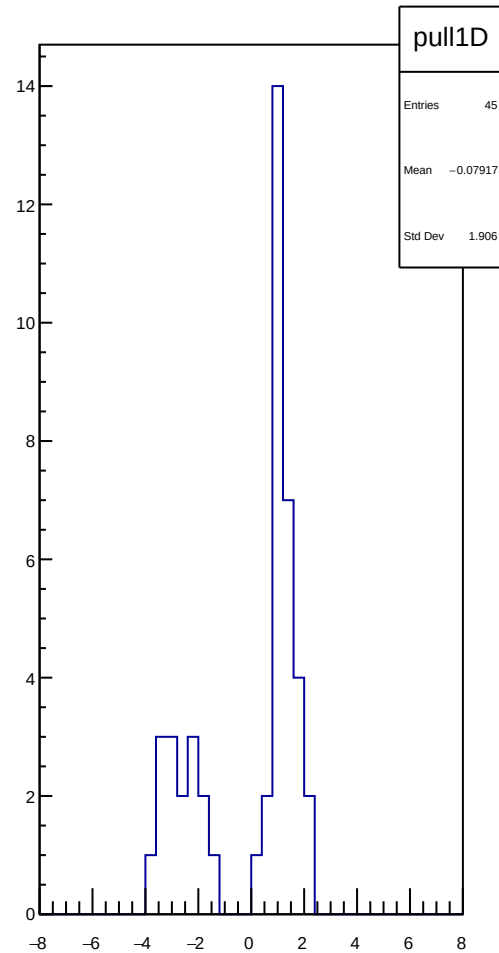
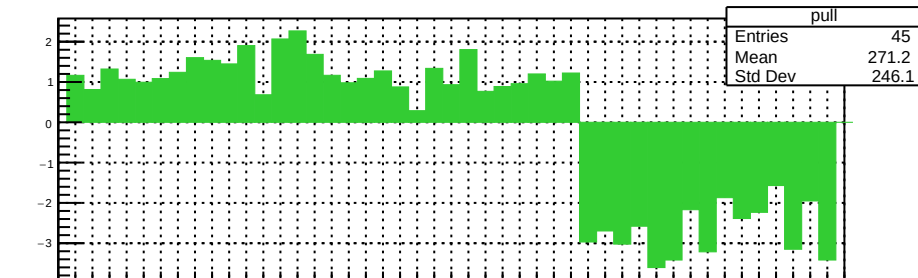
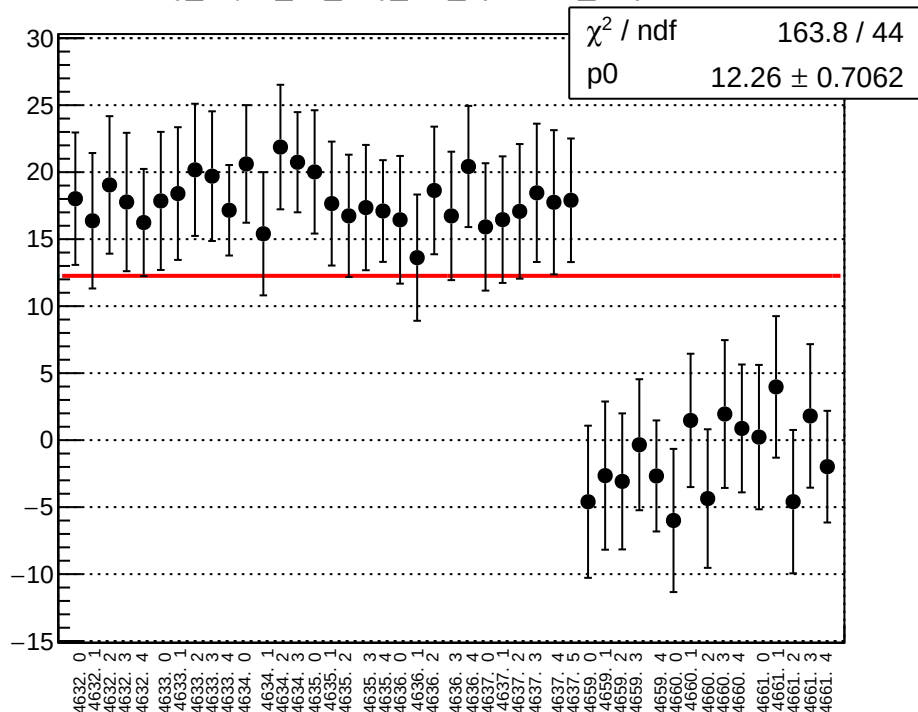
reg_asym_ds_avg_diff_bpm4aY_slope vs run



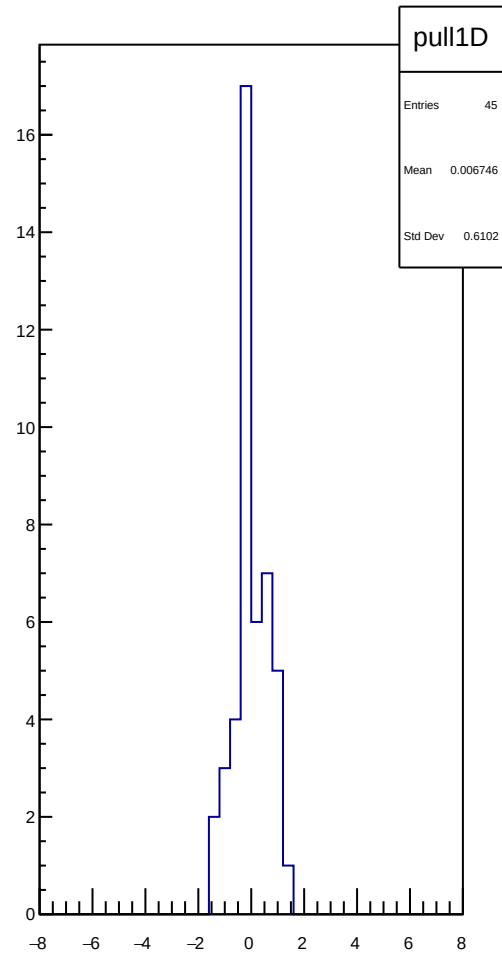
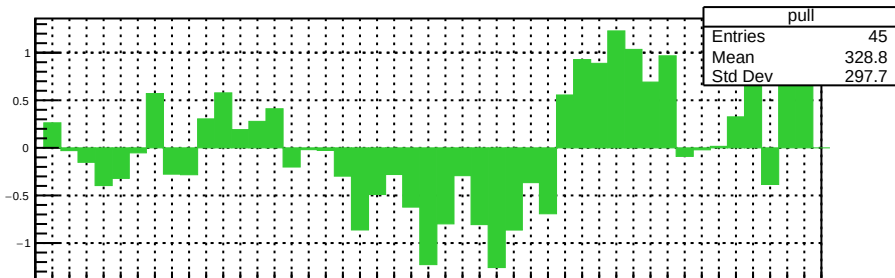
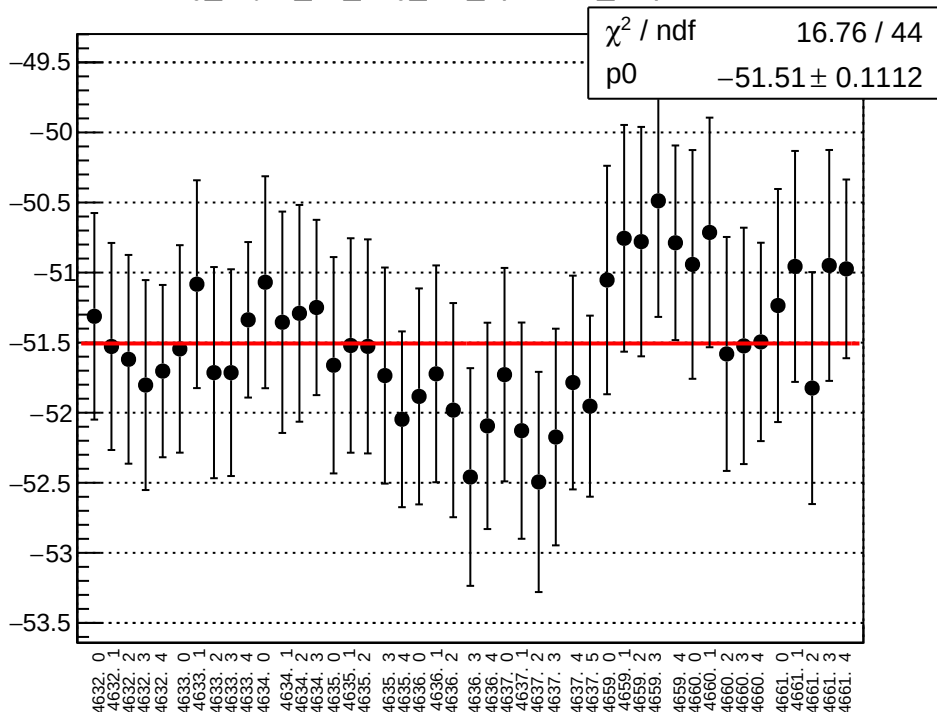
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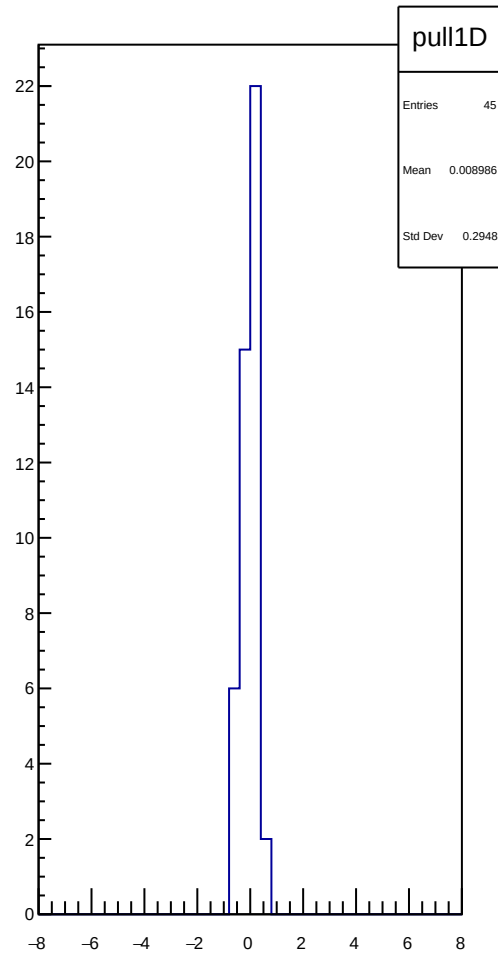
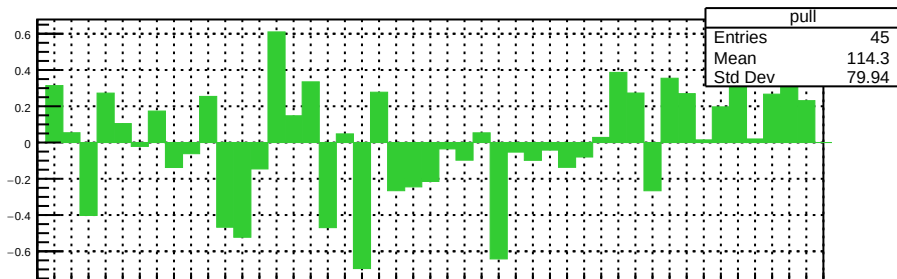
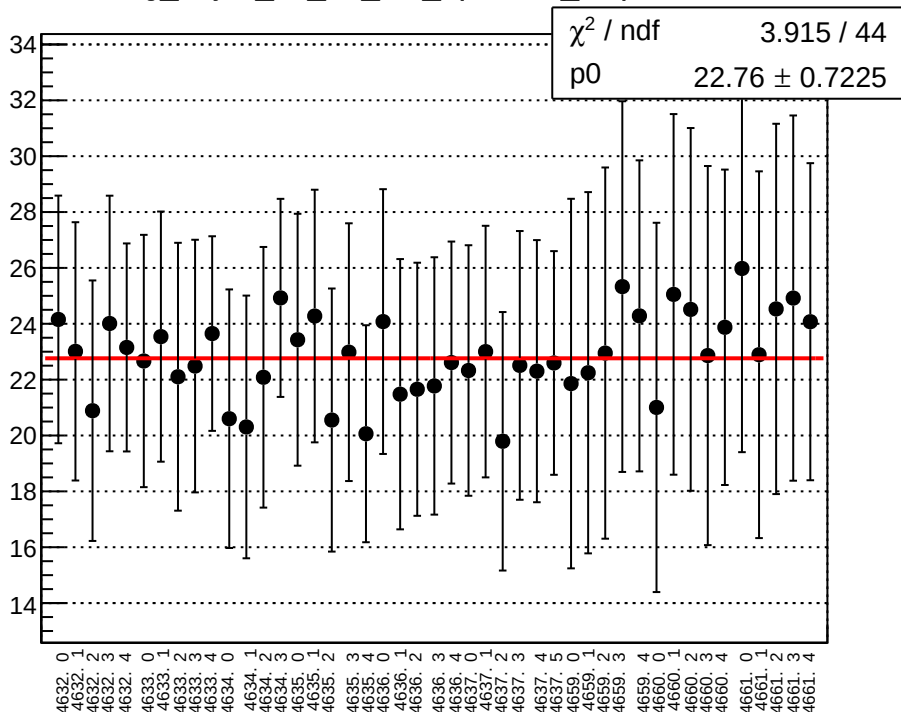
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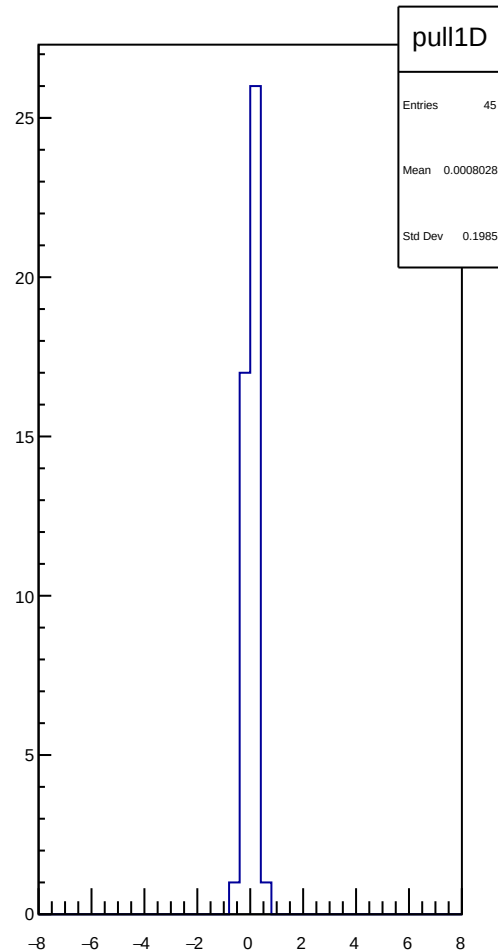
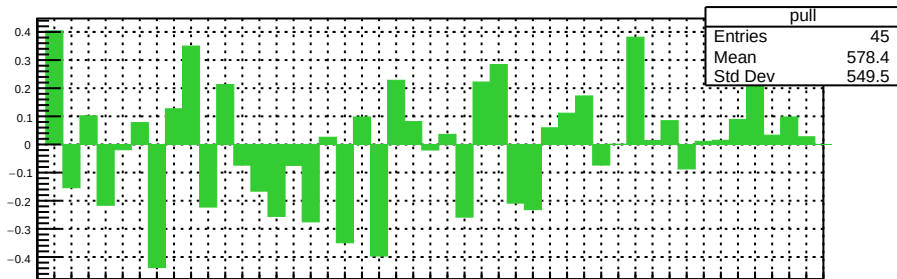
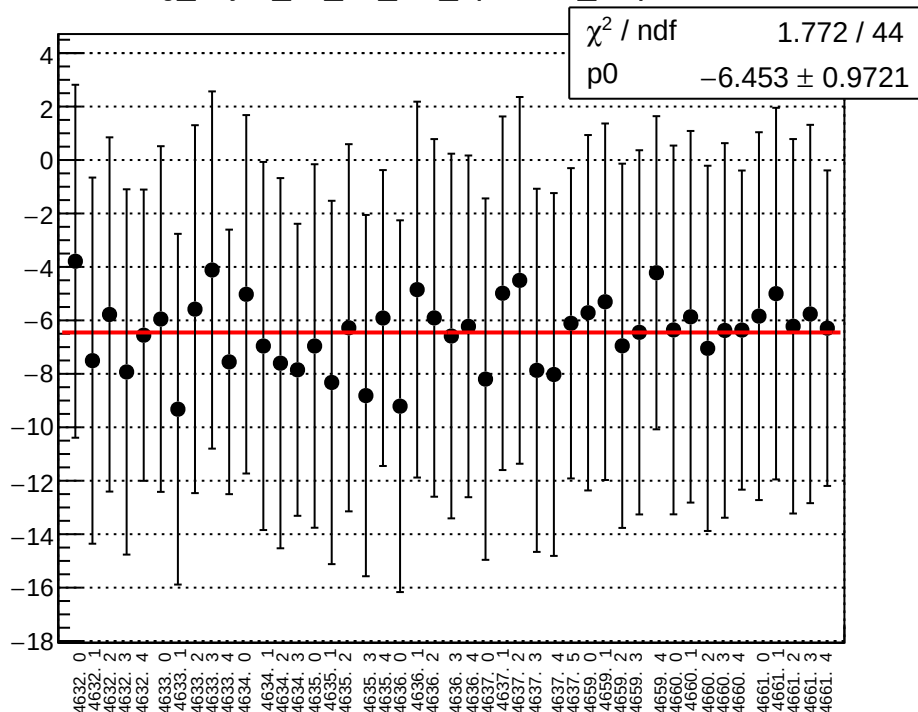
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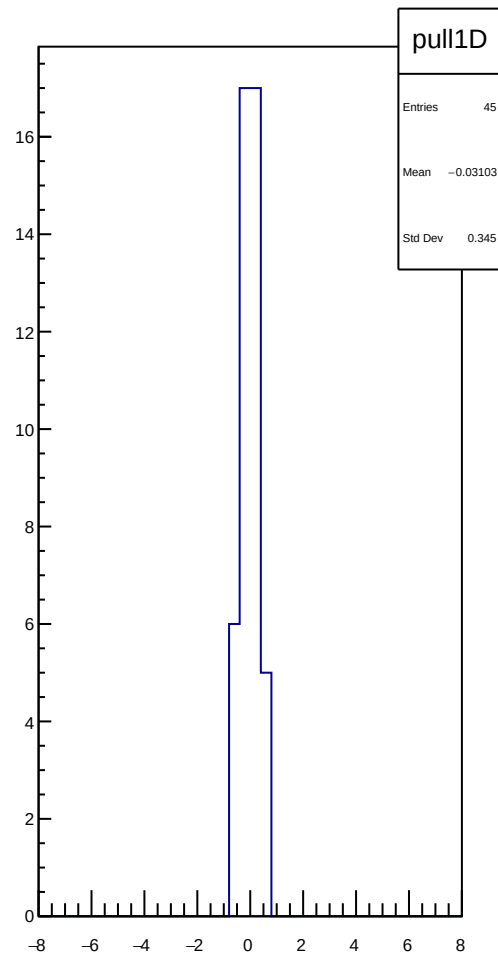
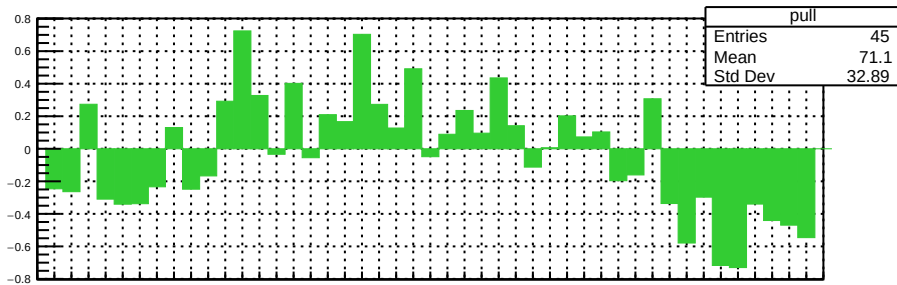
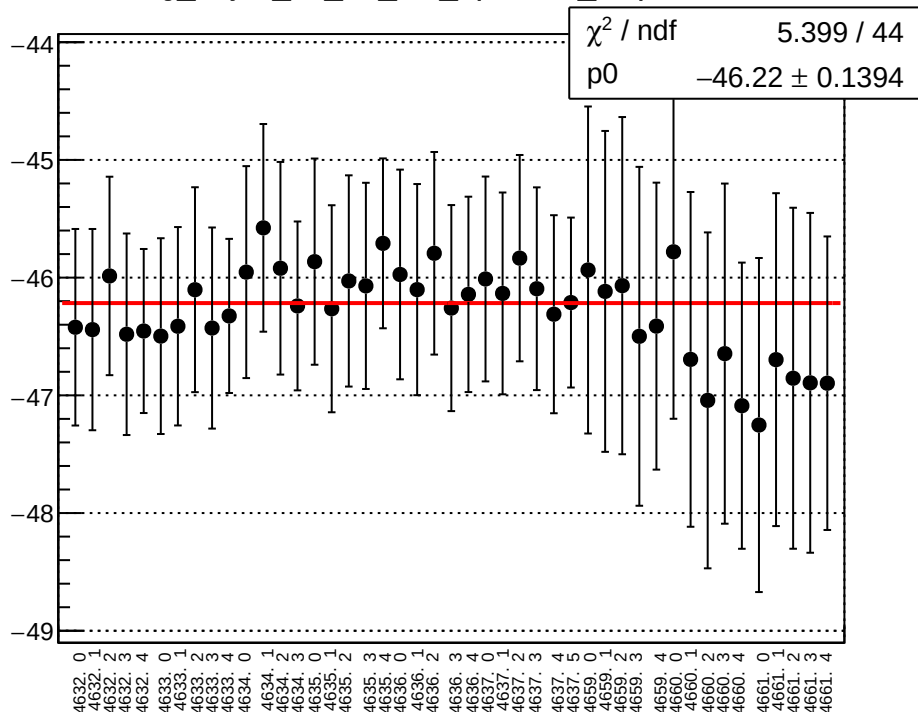
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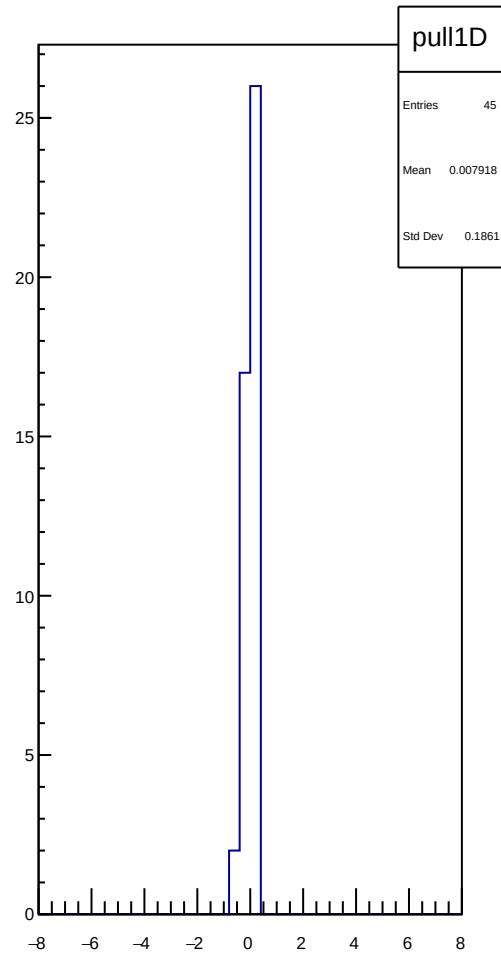
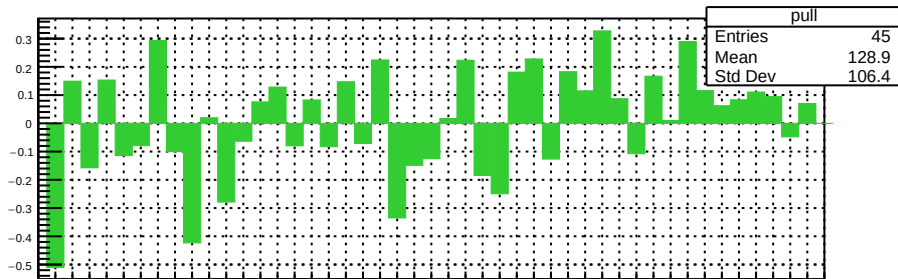
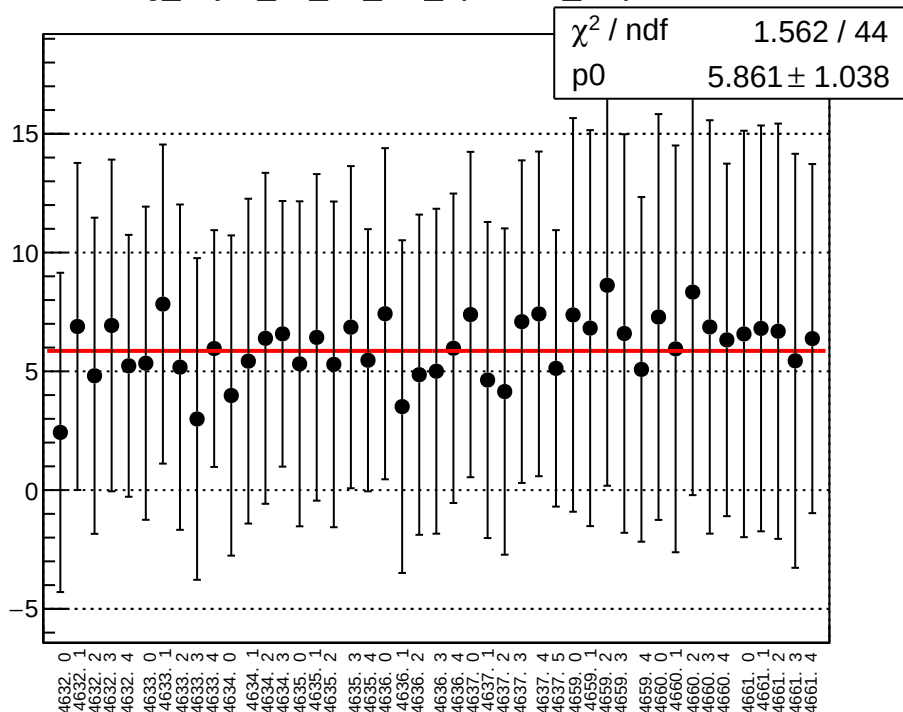
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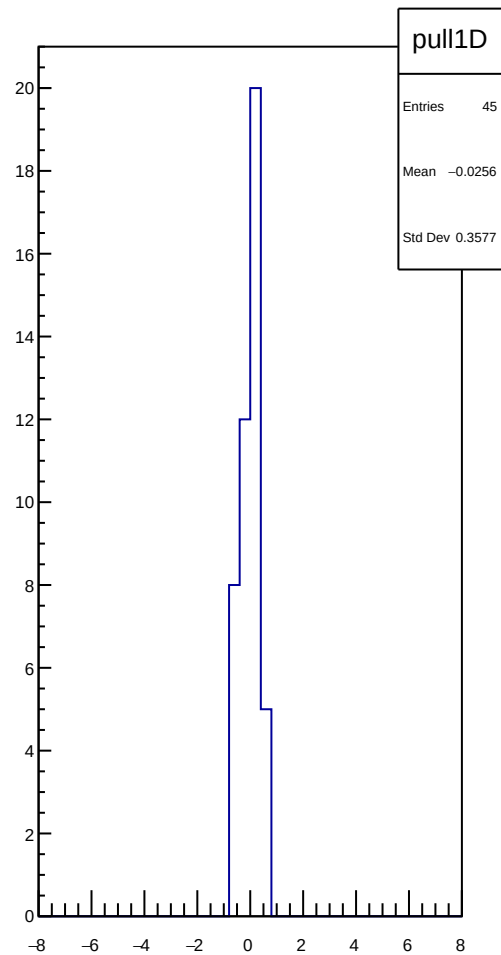
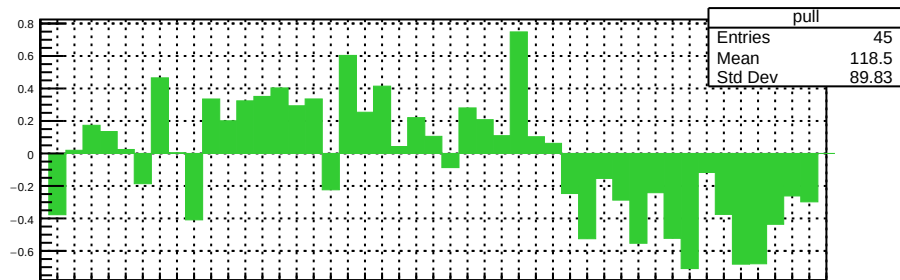
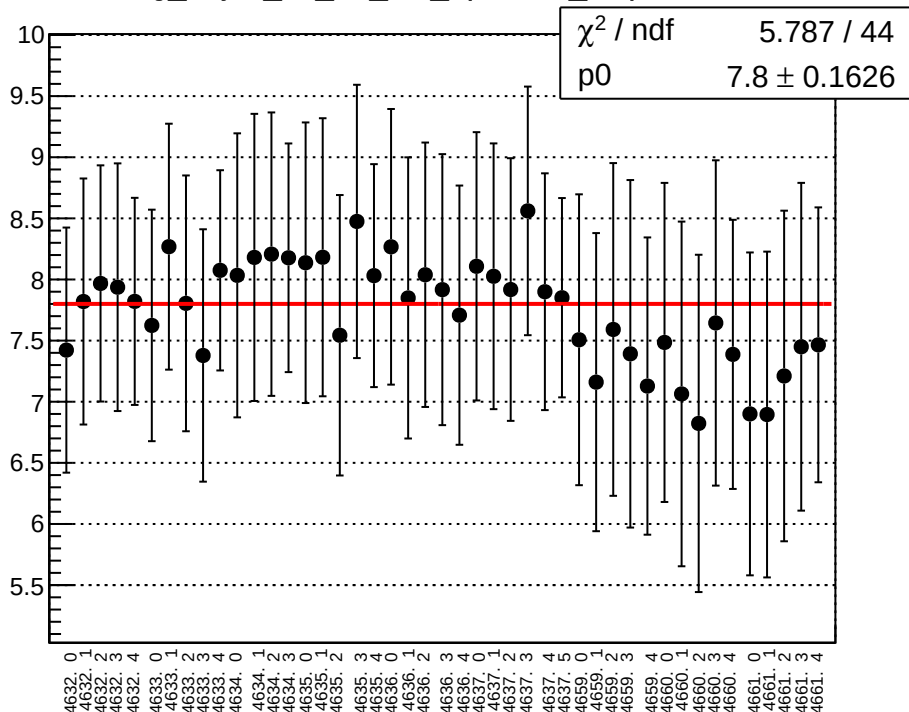
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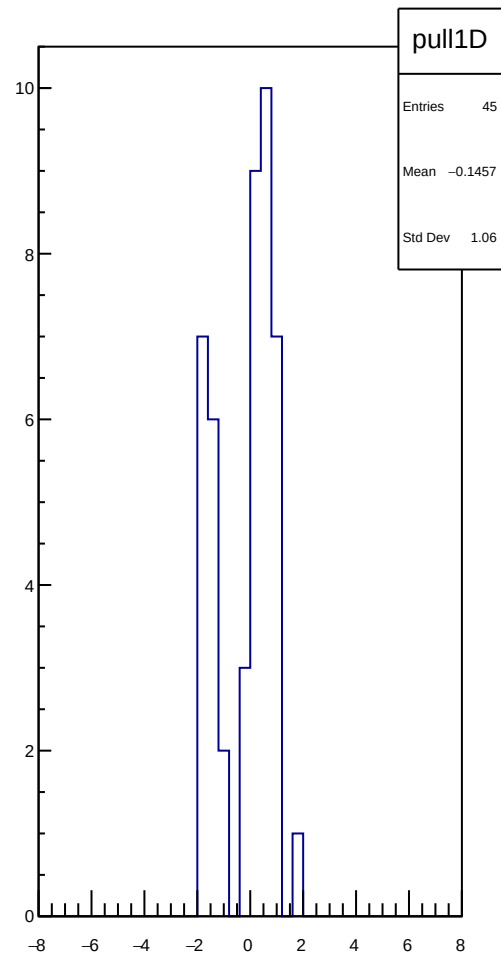
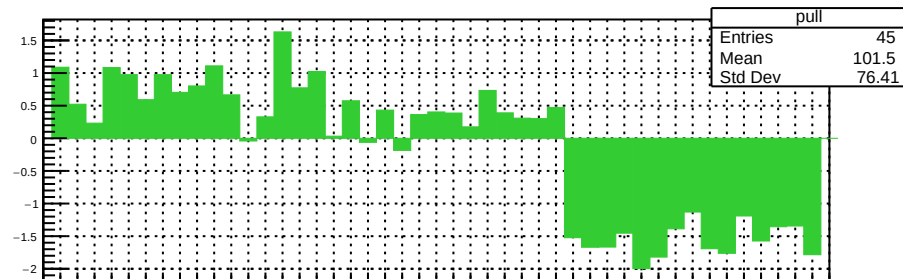
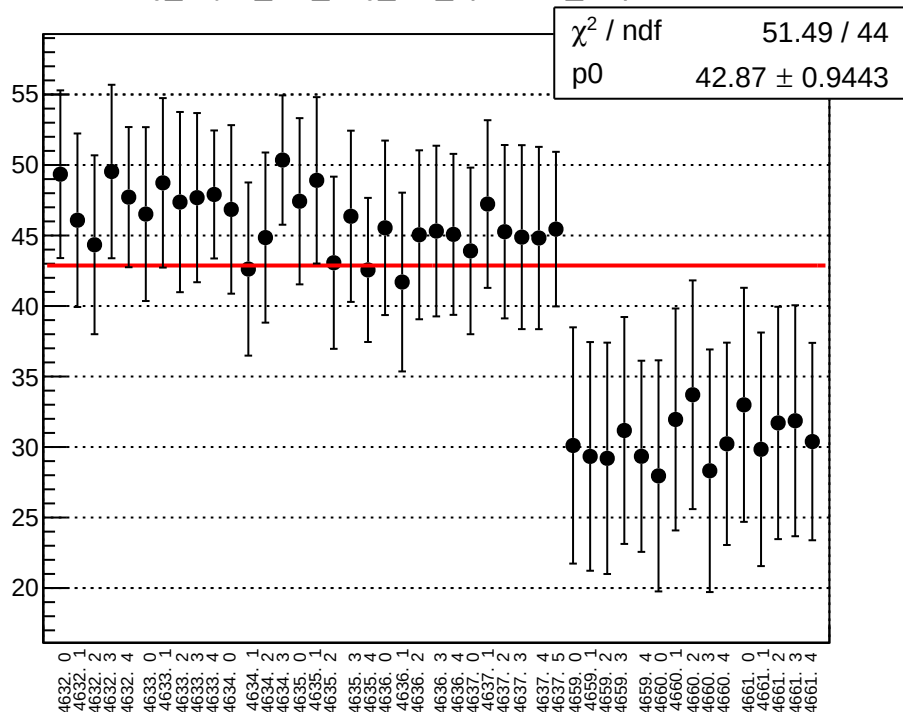
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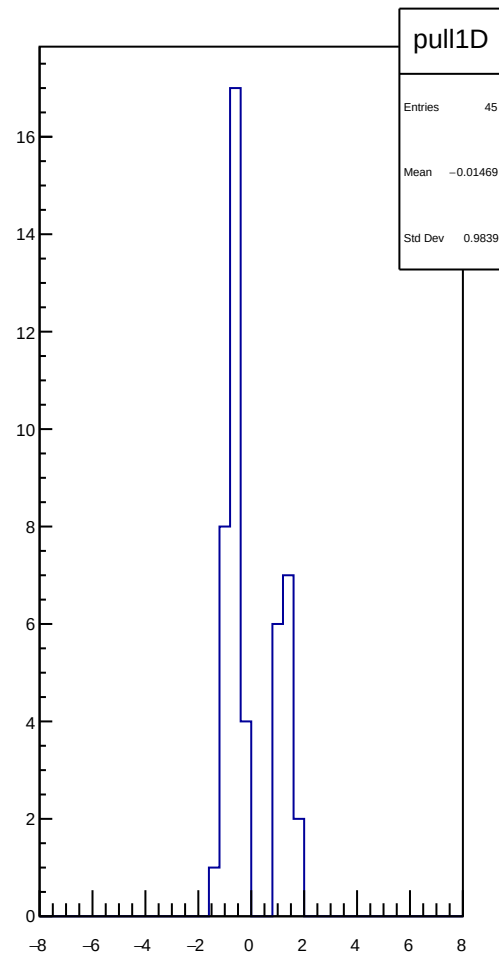
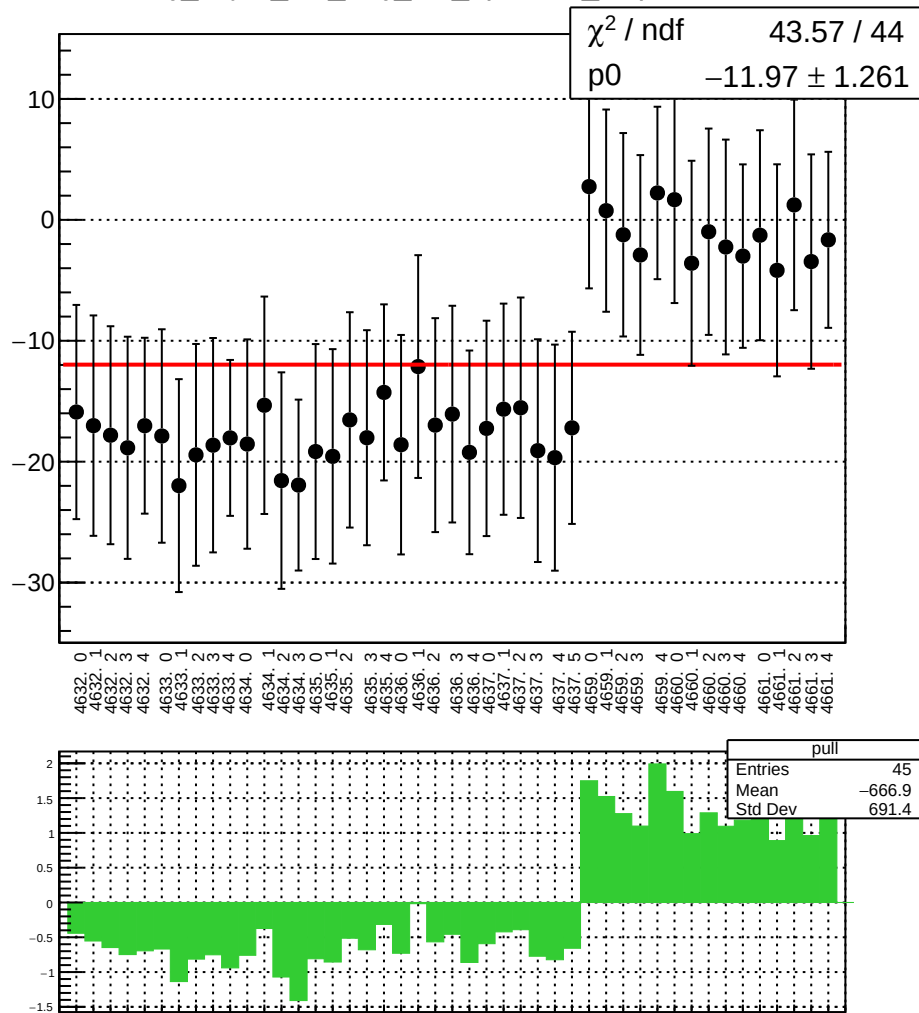
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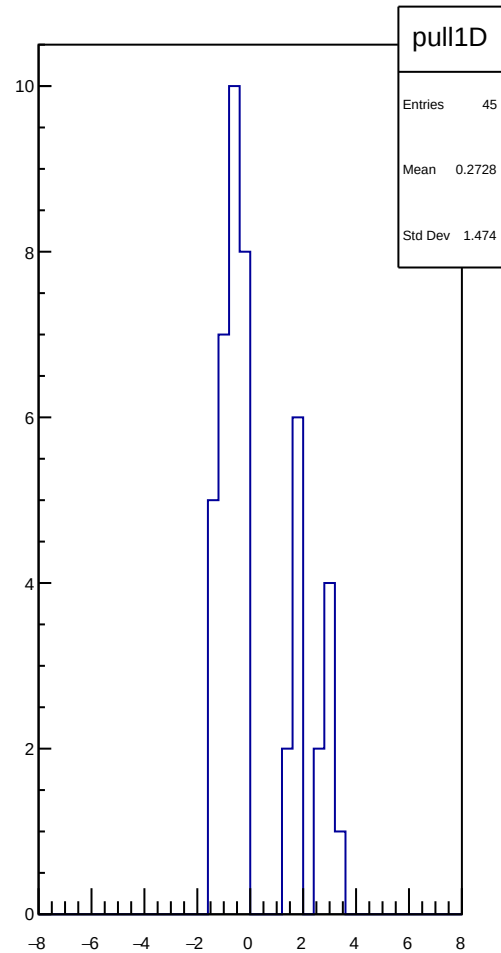
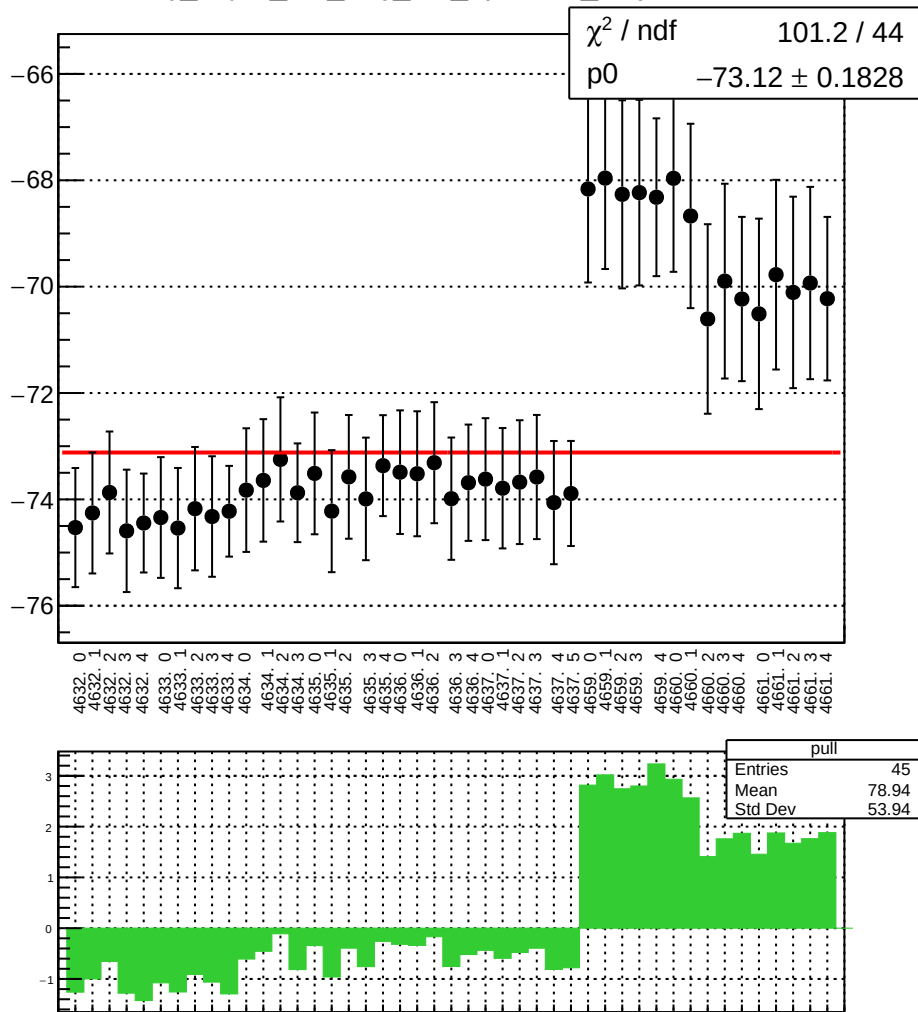
reg_asym_left_avg_diff_bpm4aX_slope vs run



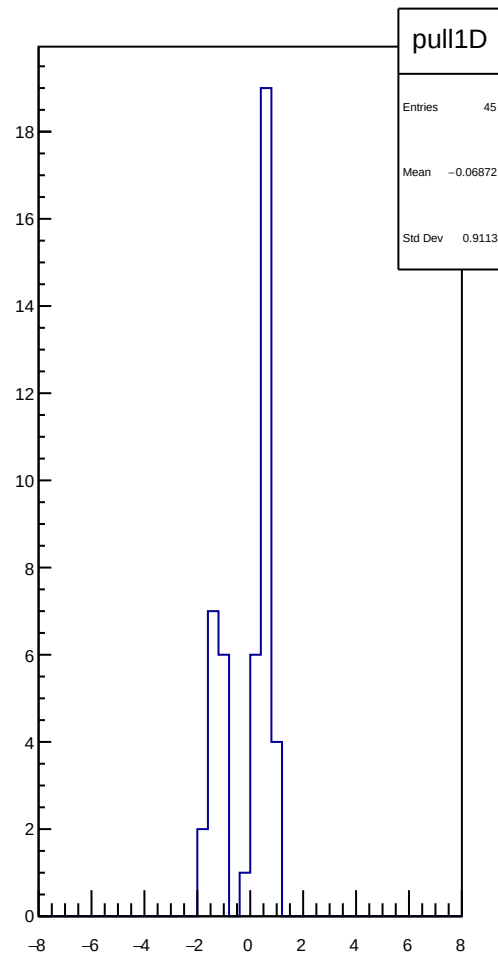
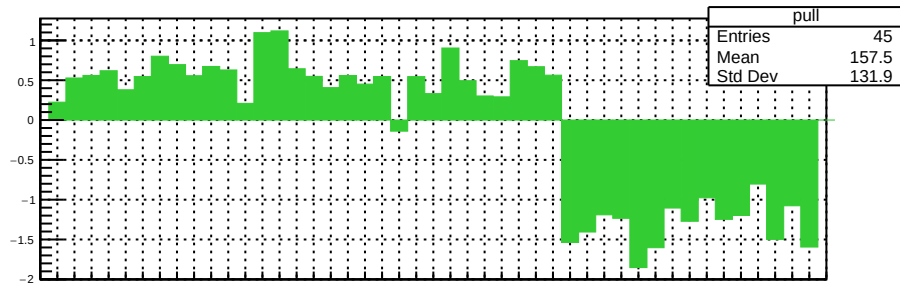
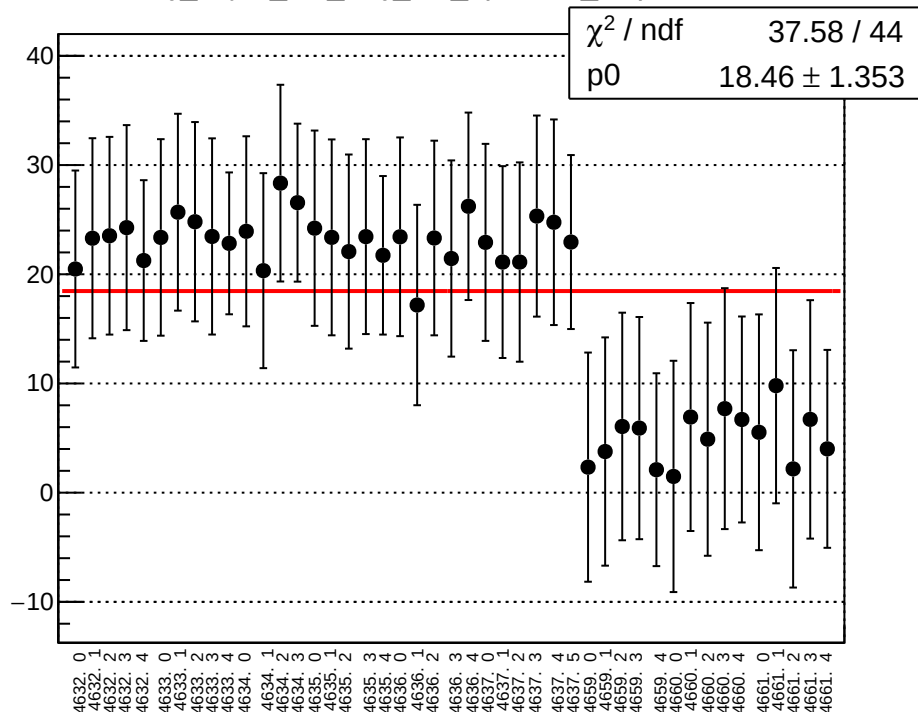
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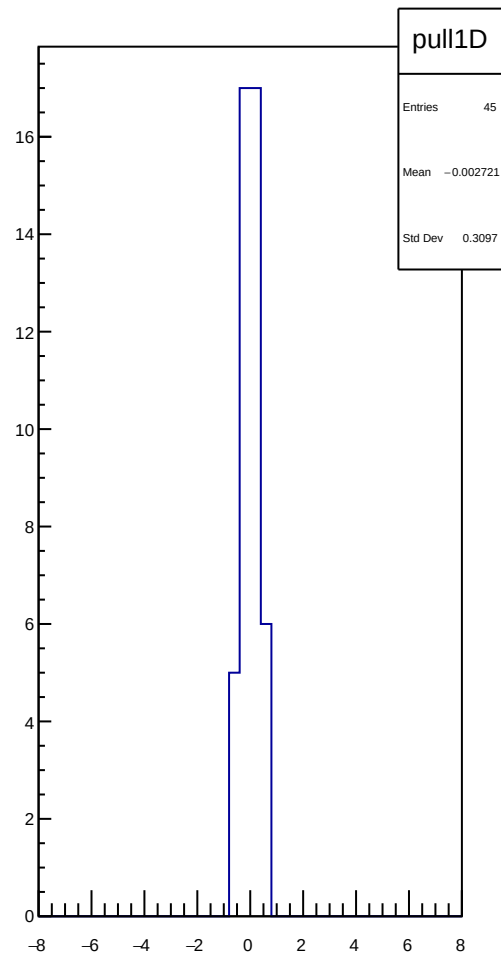
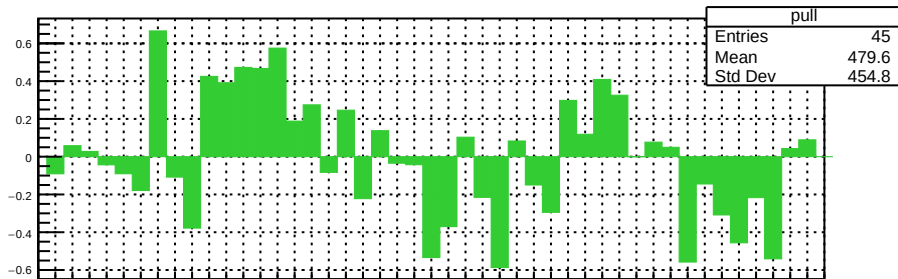
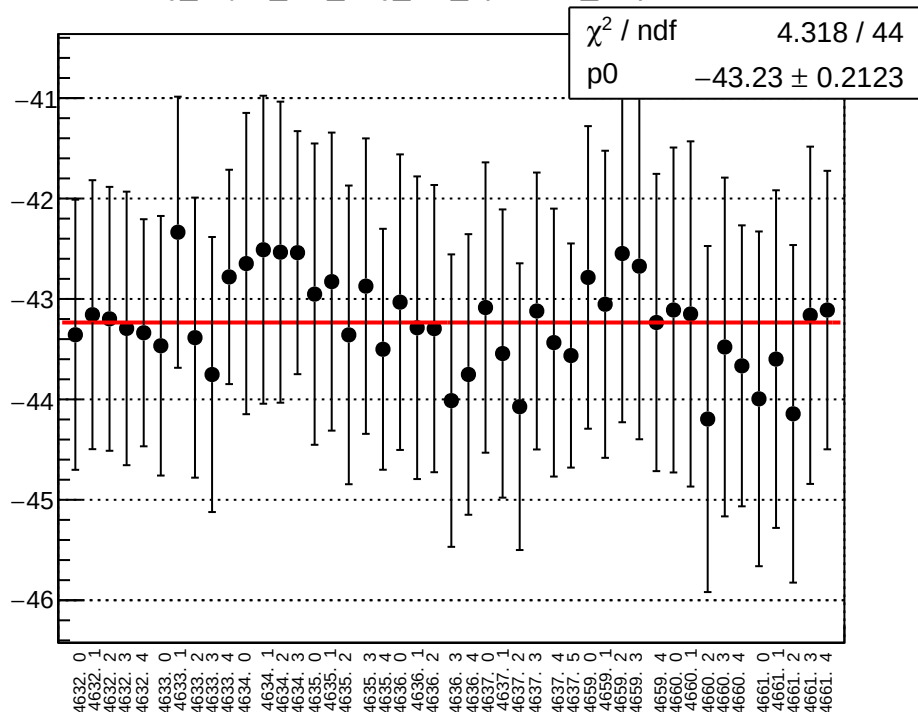
reg_asym_left_avg_diff_bpm4eX_slope vs run



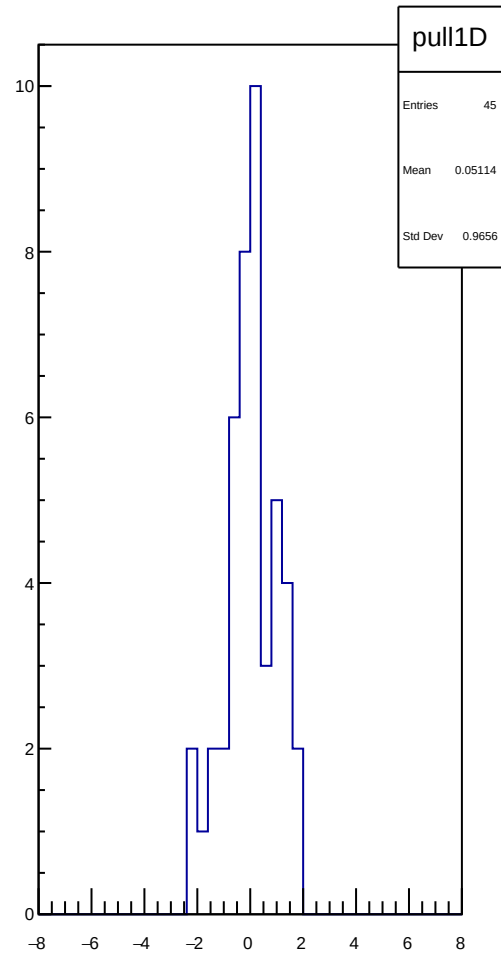
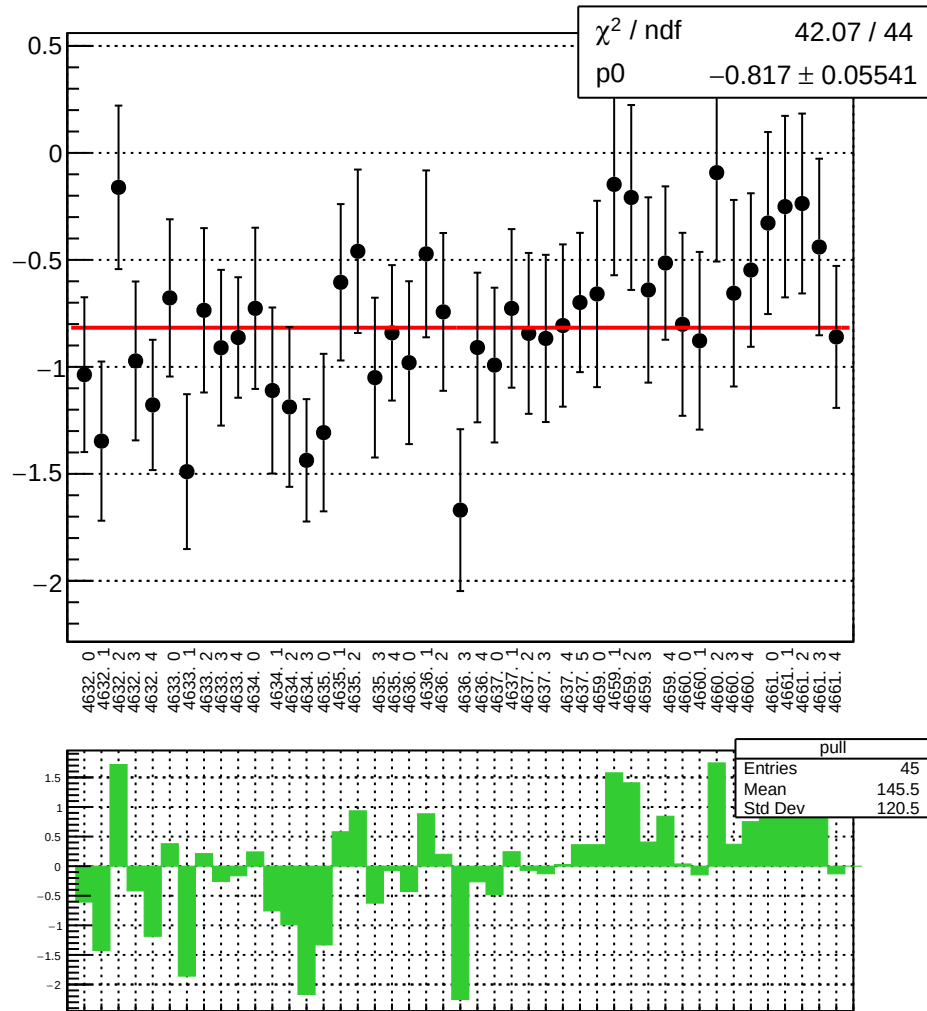
reg_asym_left_avg_diff_bpm4eY_slope vs run



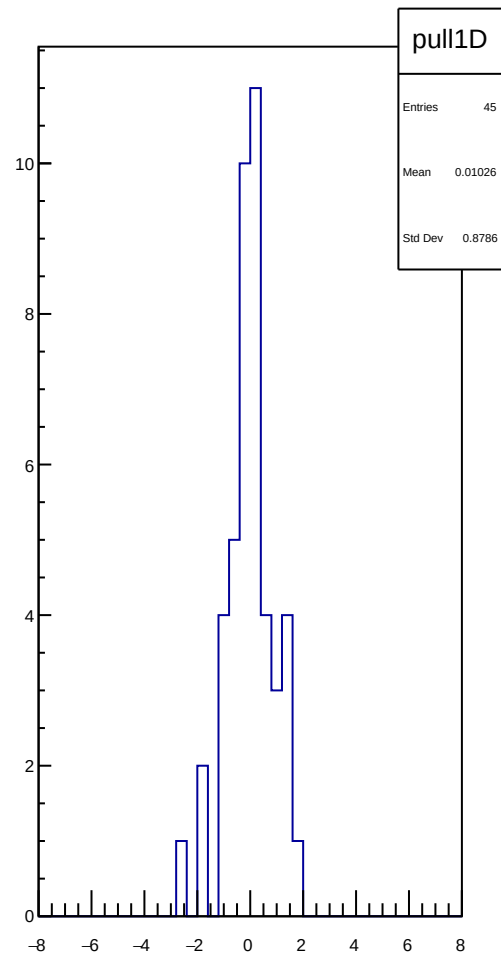
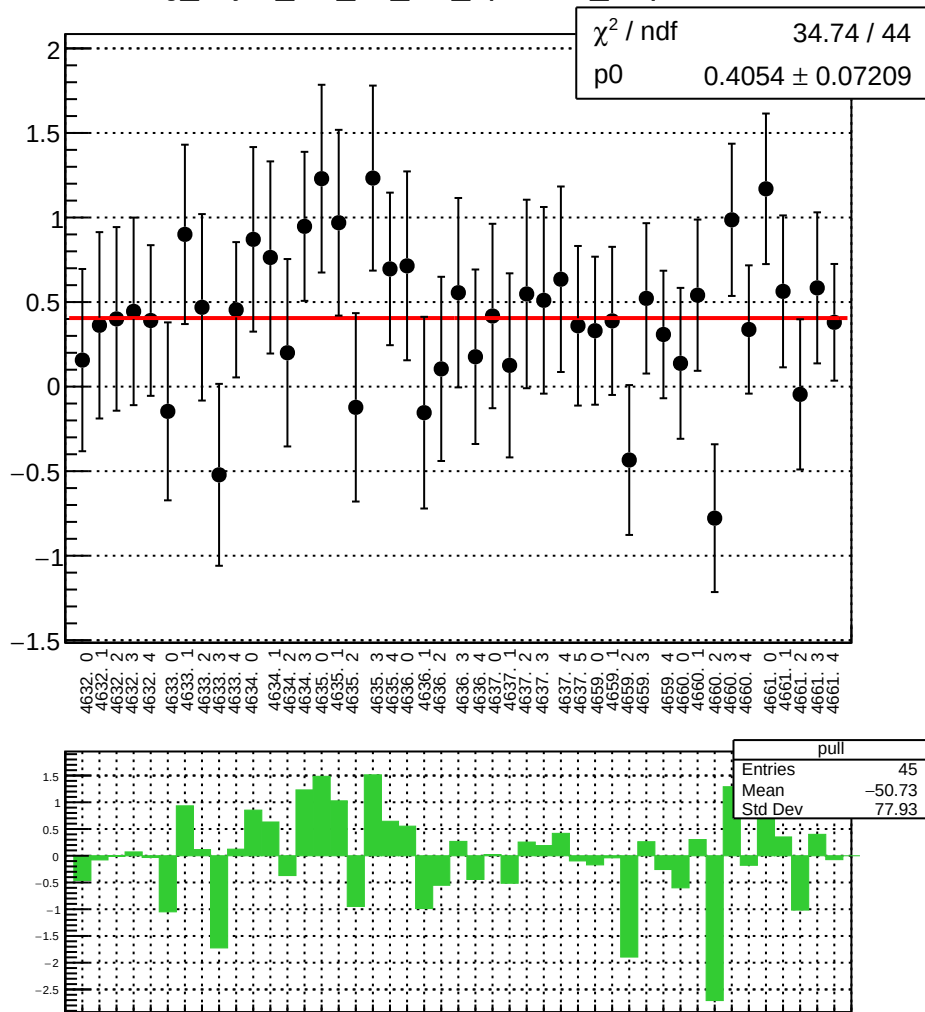
reg_asym_left_avg_diff_bpm11X_slope vs run



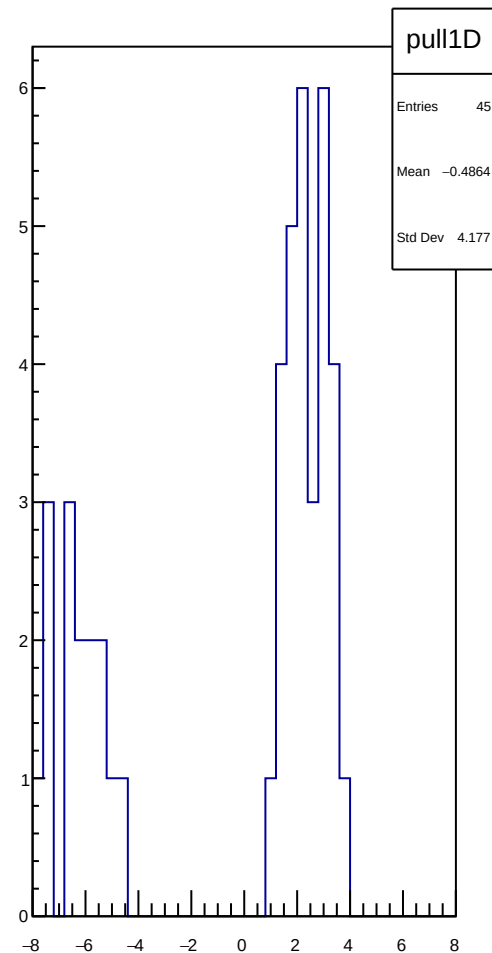
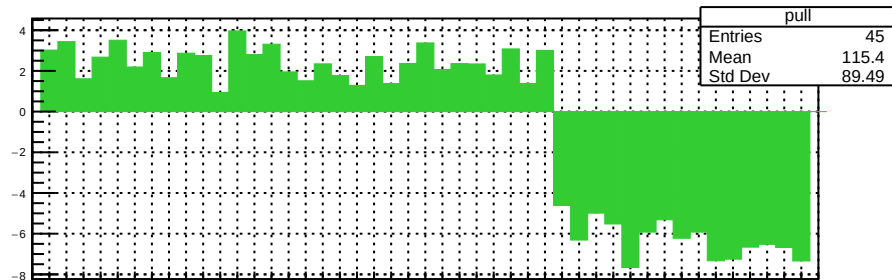
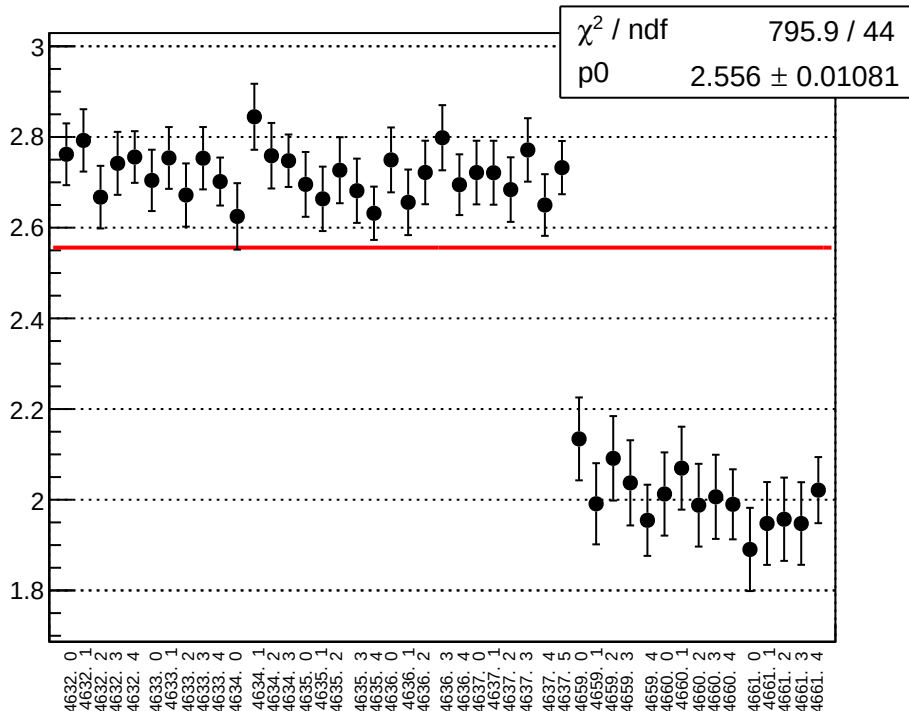
reg_asym_left_dd_diff_bpm4aX_slope vs run



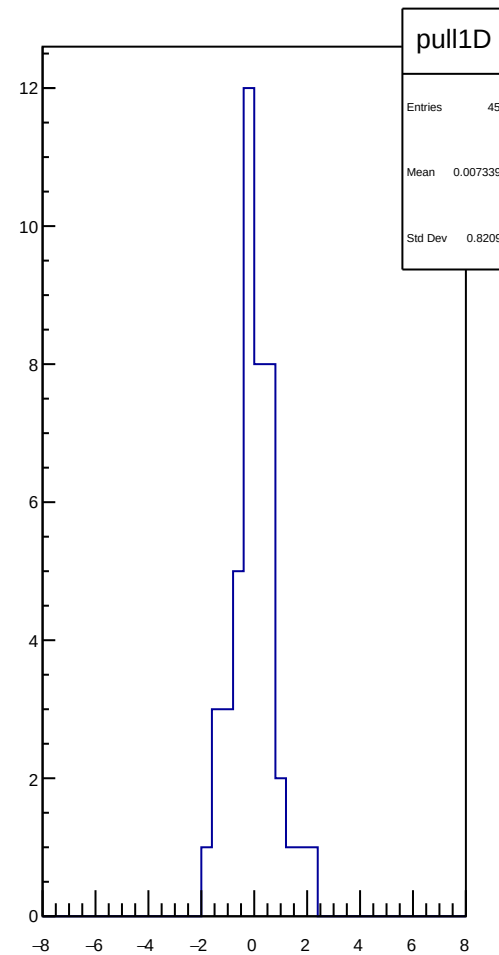
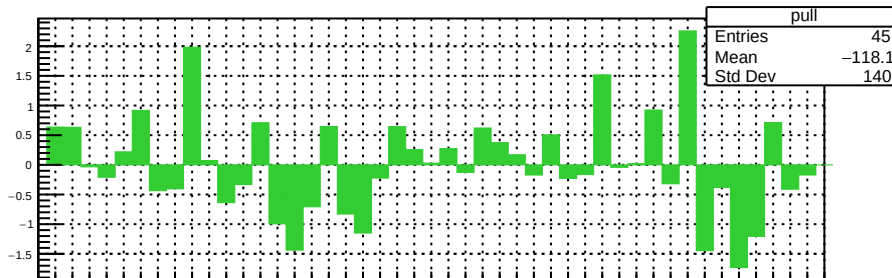
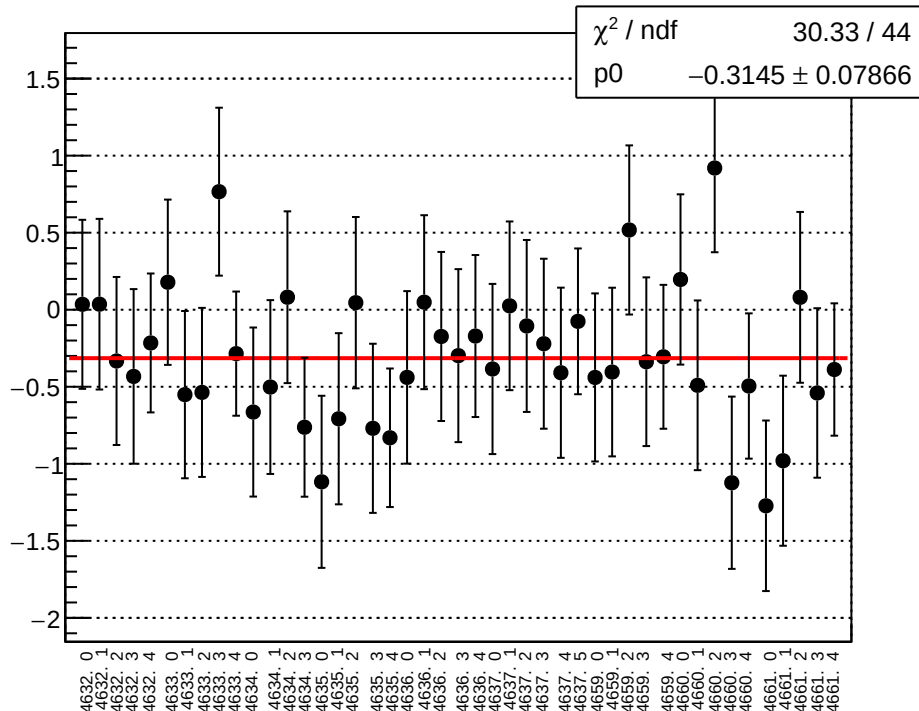
reg_asym_left_dd_diff_bpm4aY_slope vs run



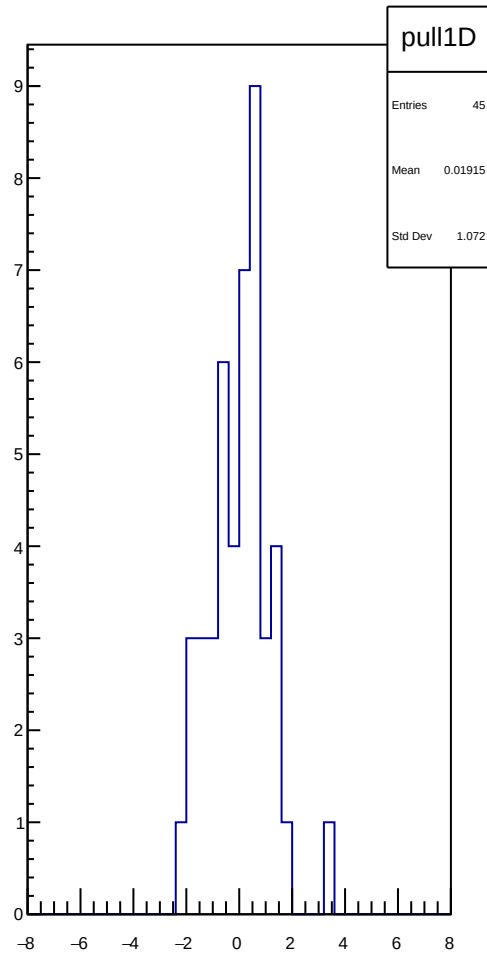
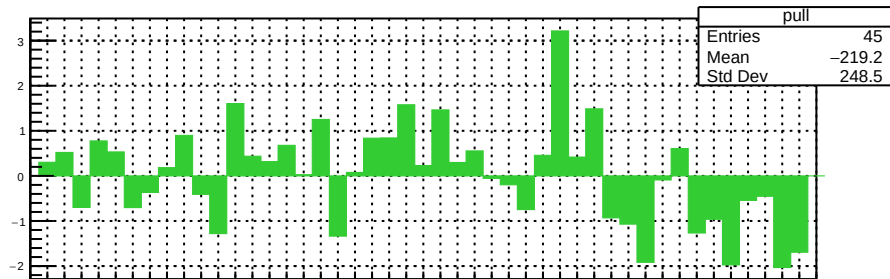
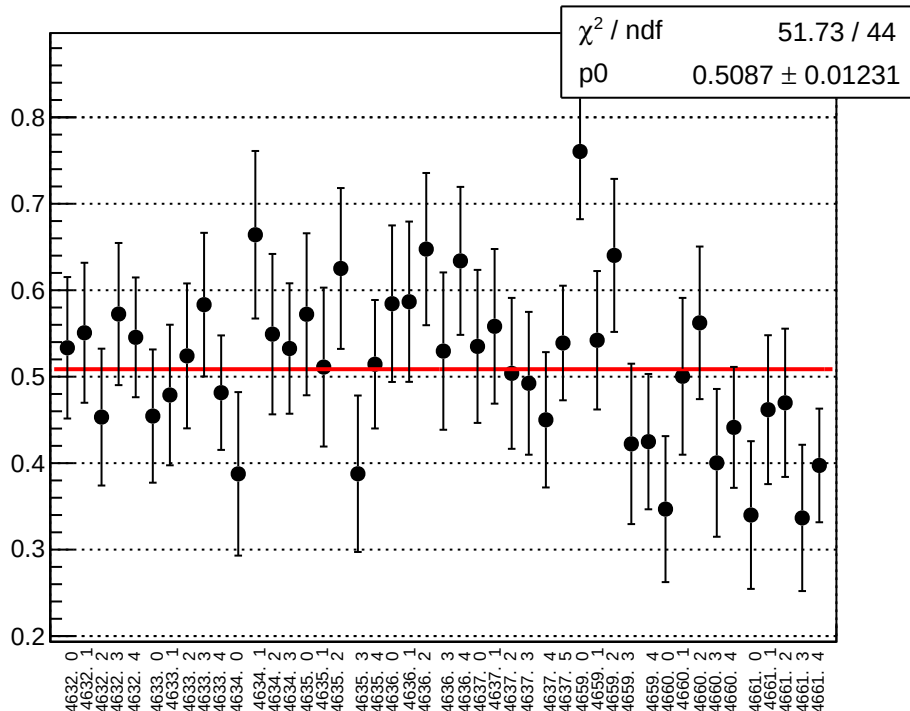
reg_asym_left_dd_diff_bpm4eX_slope vs run



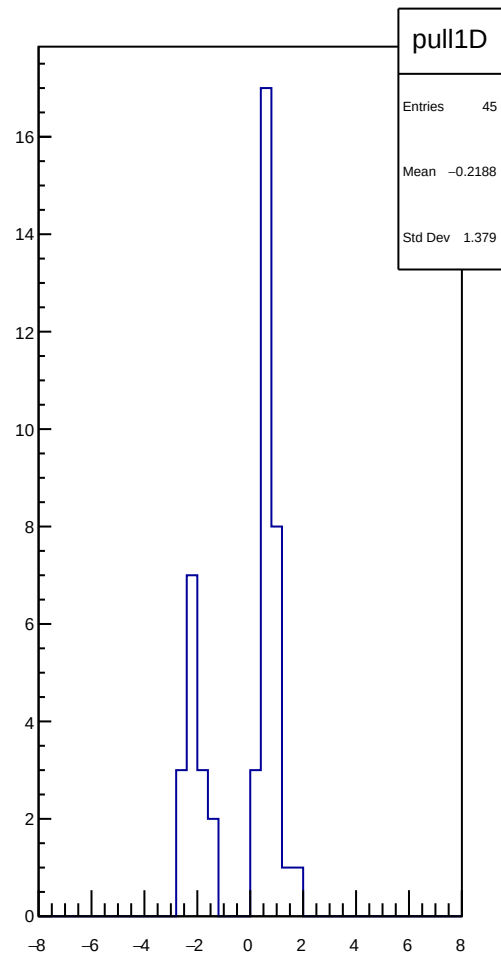
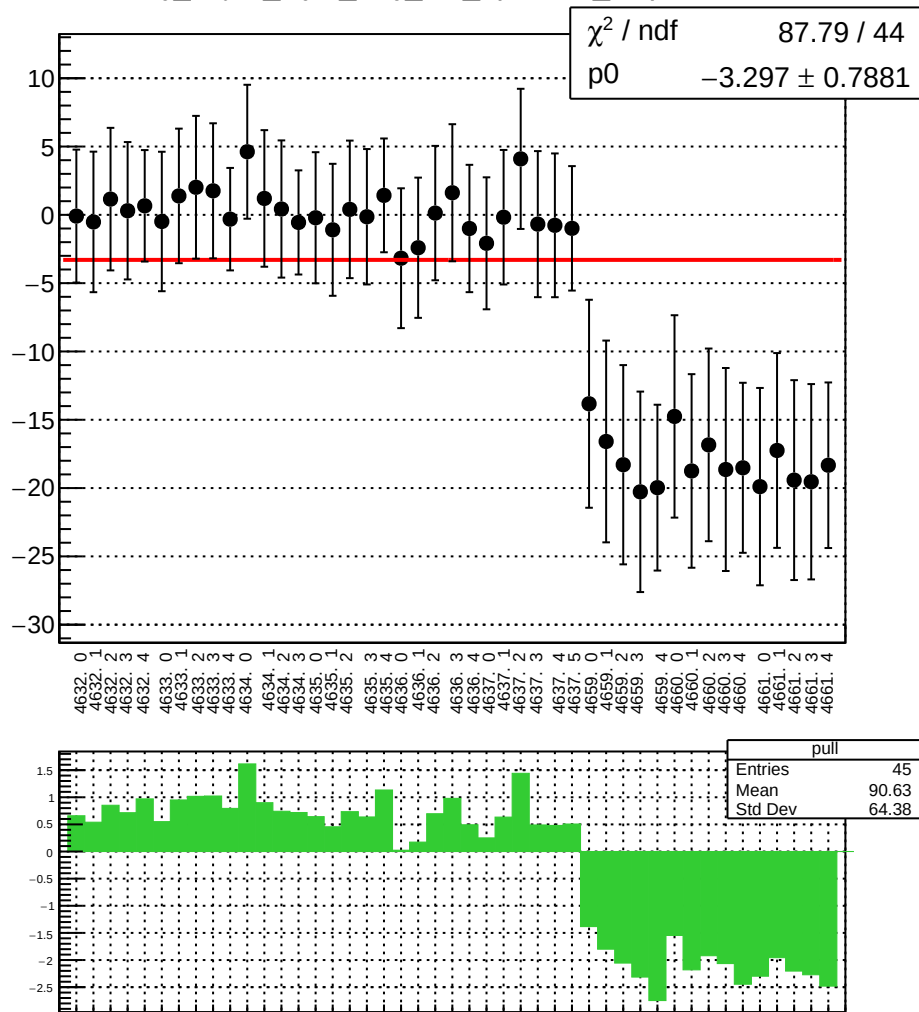
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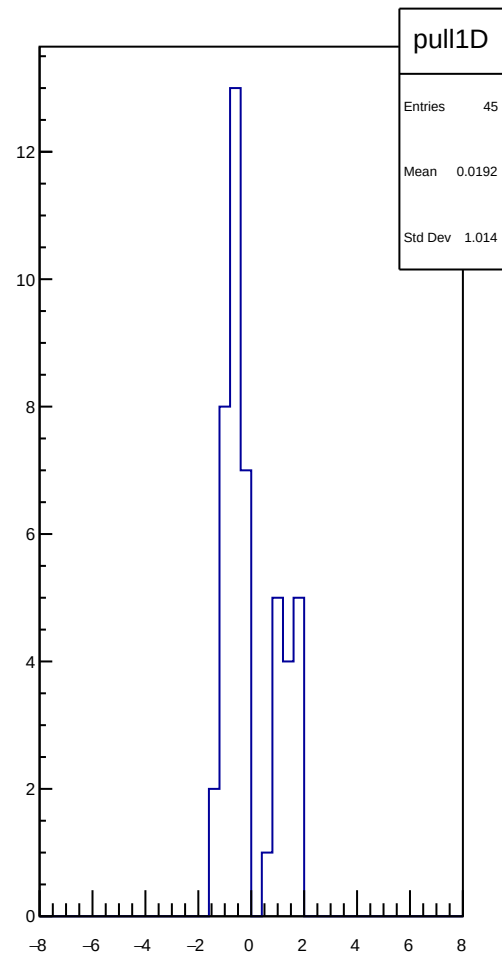
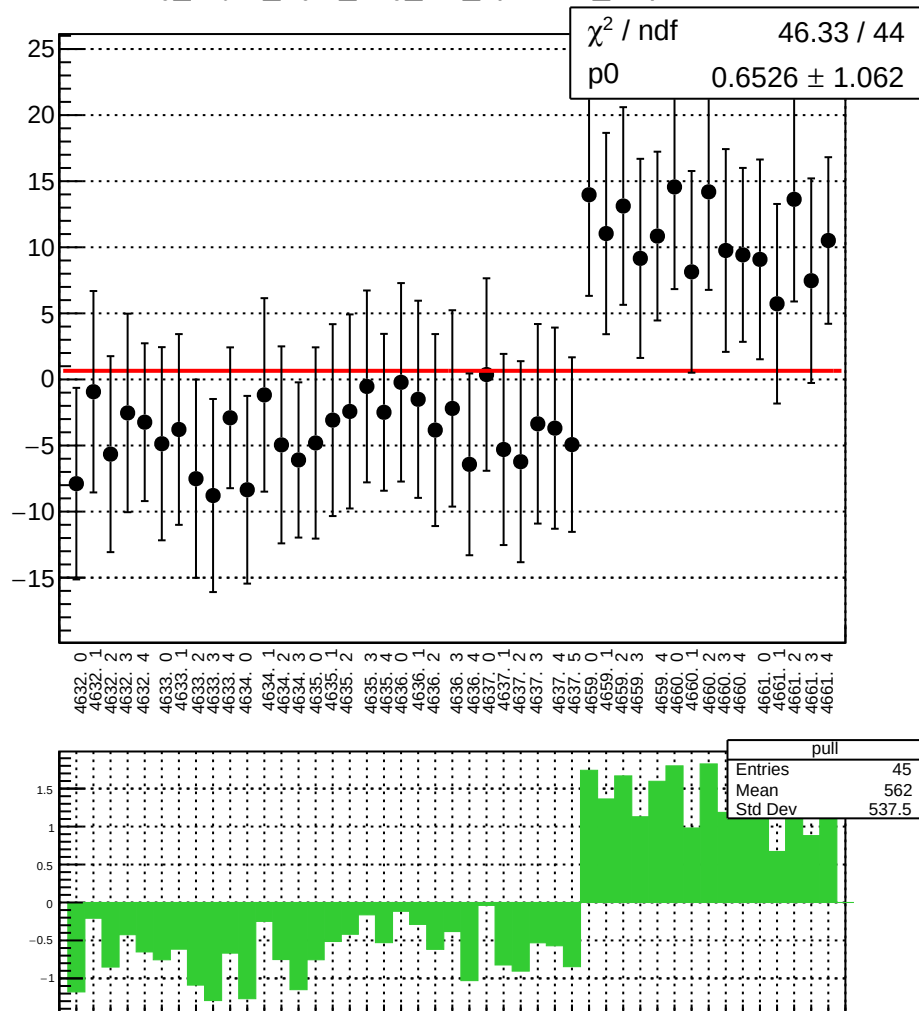
reg_asym_left_dd_diff_bpm11X_slope vs run



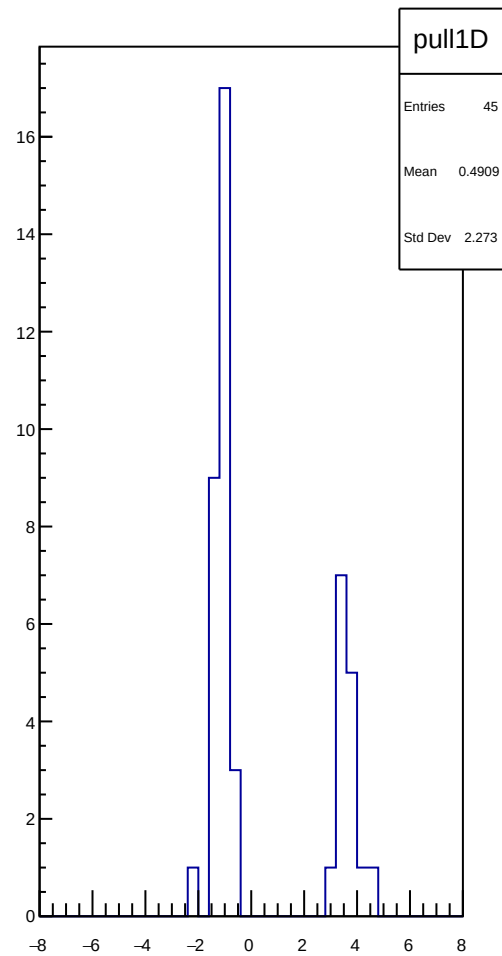
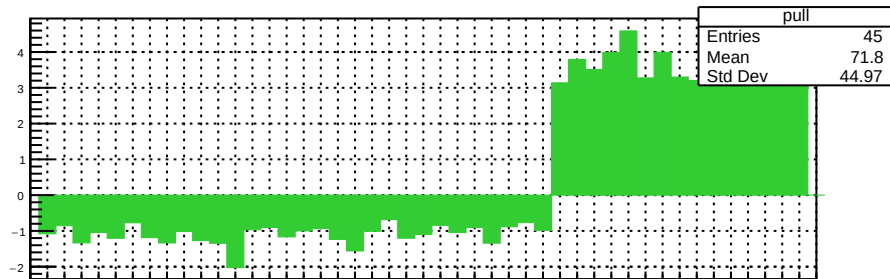
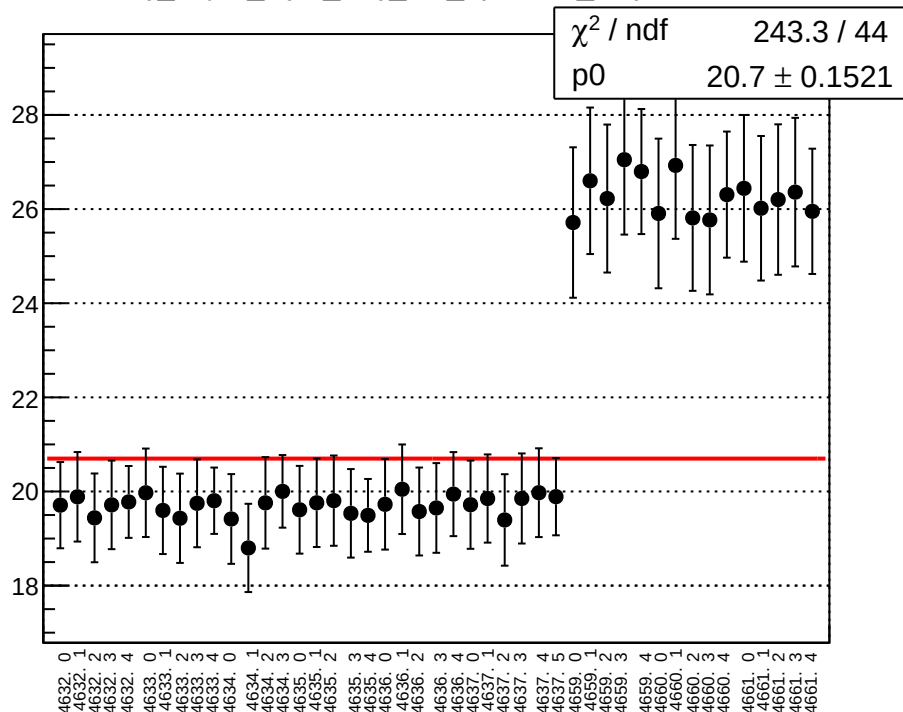
reg_asym_right_avg_diff_bpm4aX_slope vs run



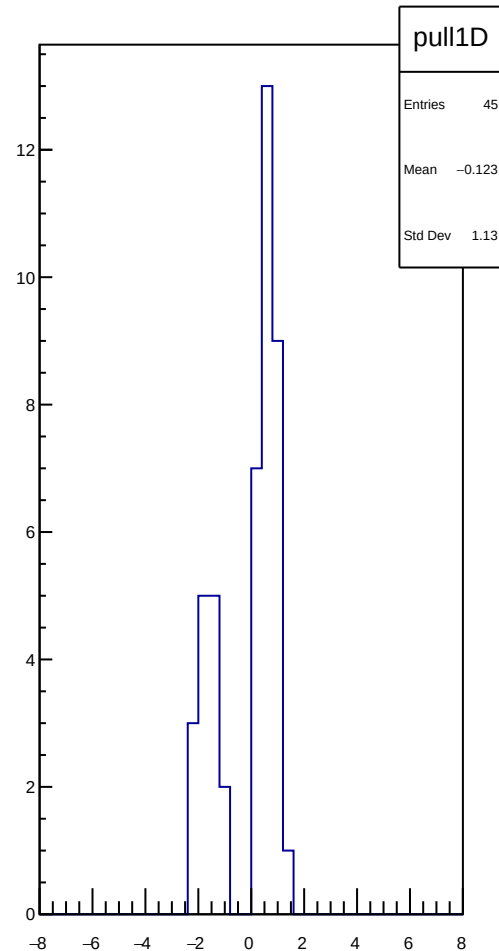
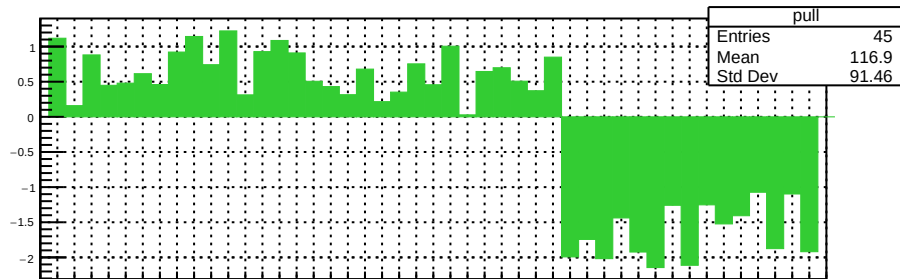
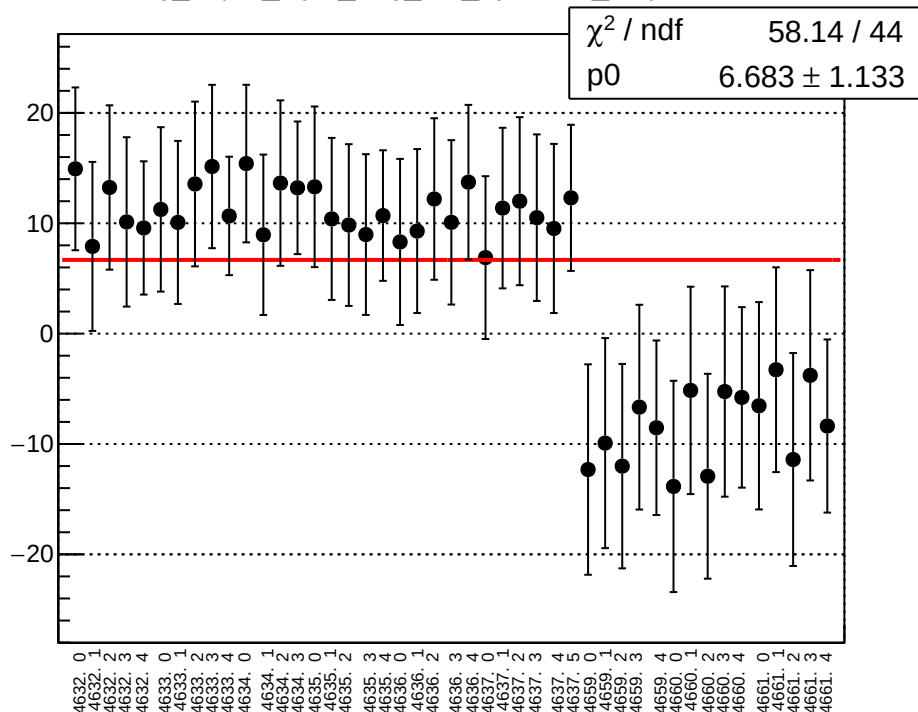
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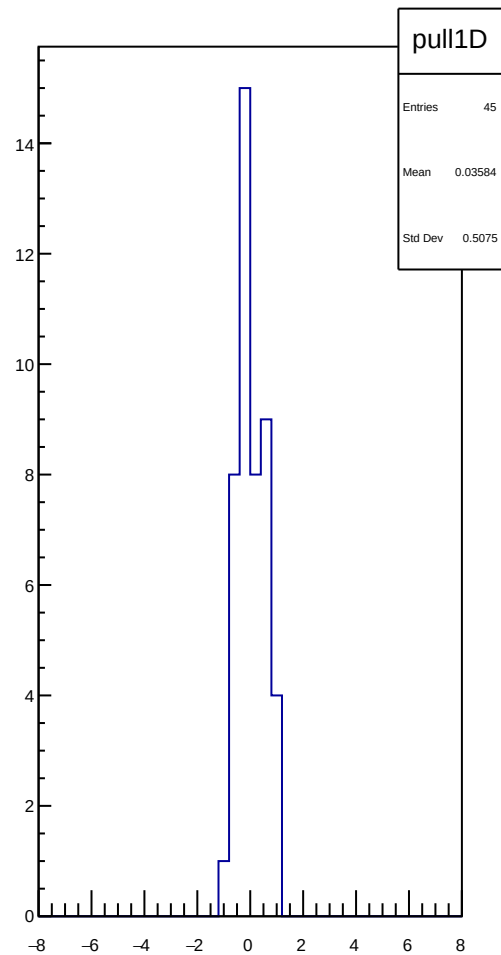
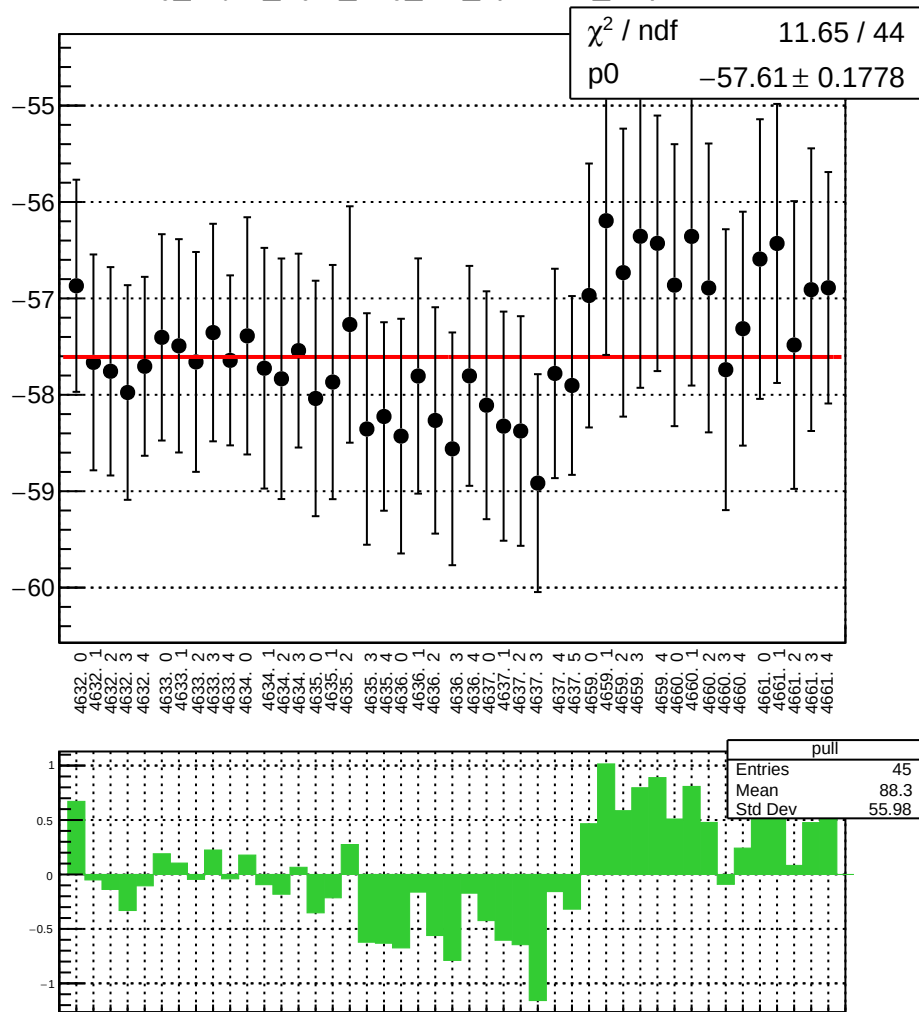
reg_asym_right_avg_diff_bpm4eX_slope vs run



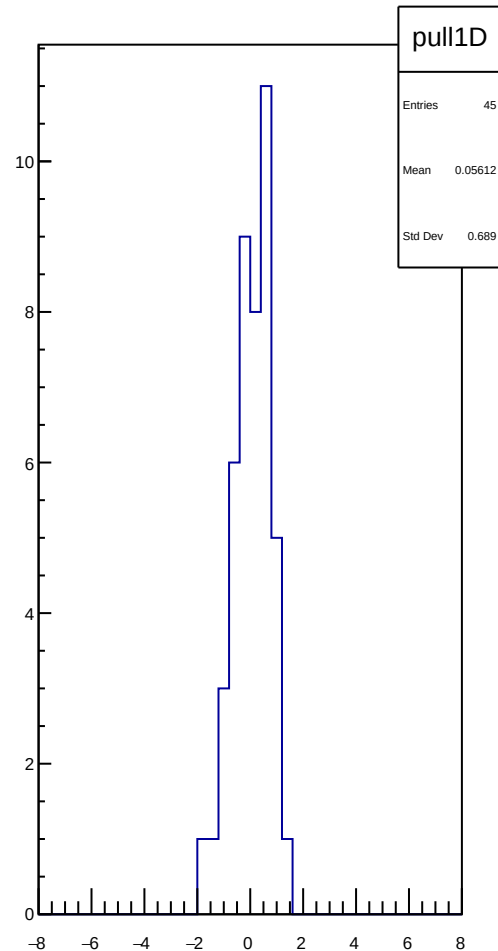
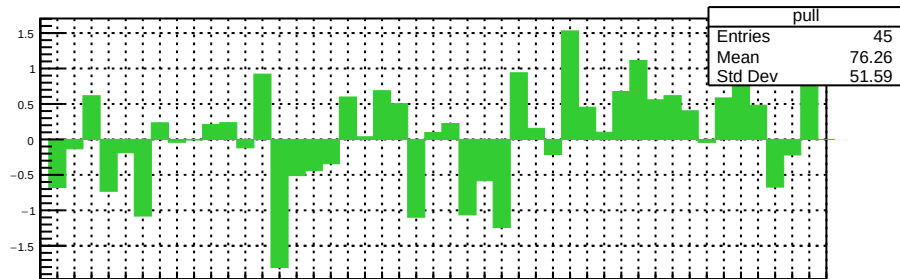
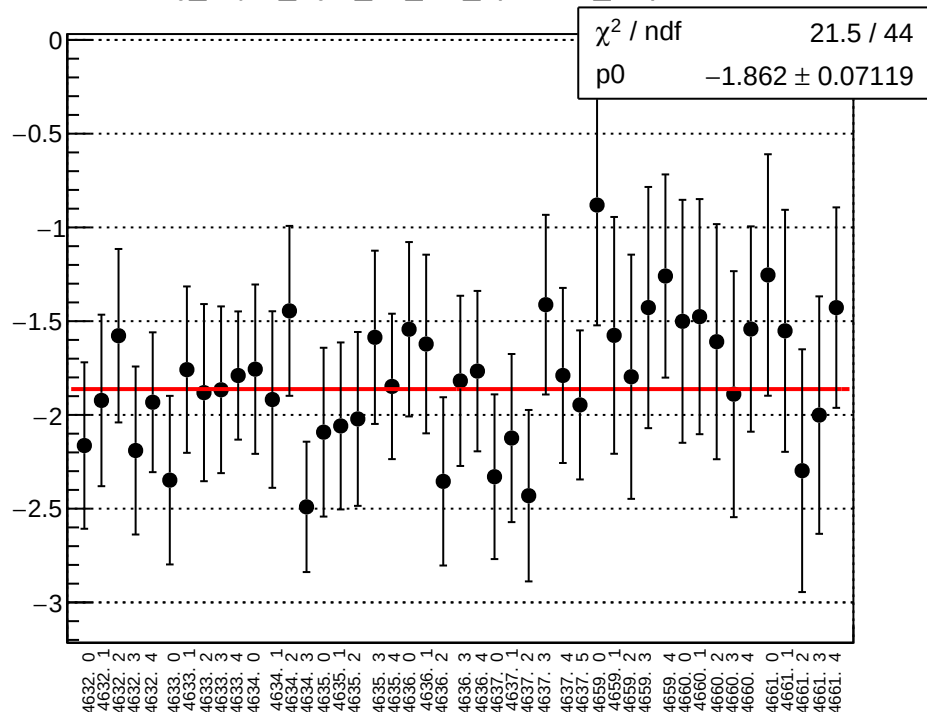
reg_asym_right_avg_diff_bpm4eY_slope vs run



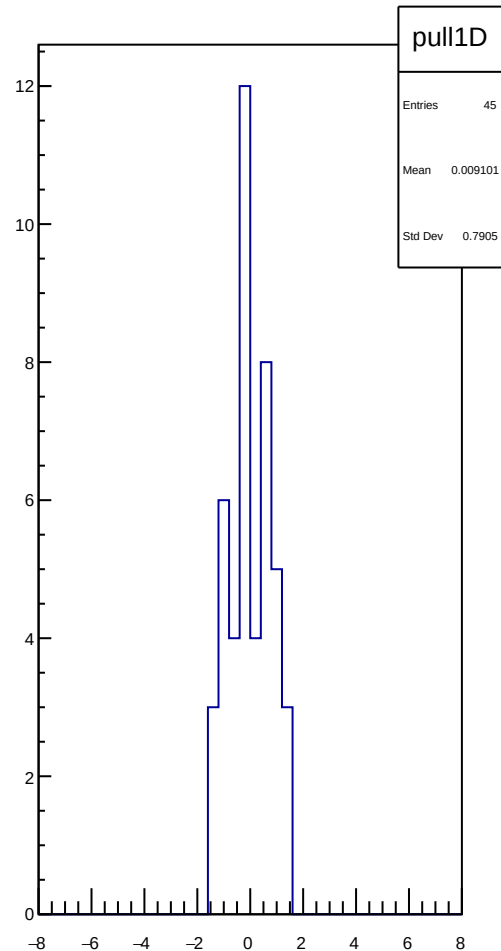
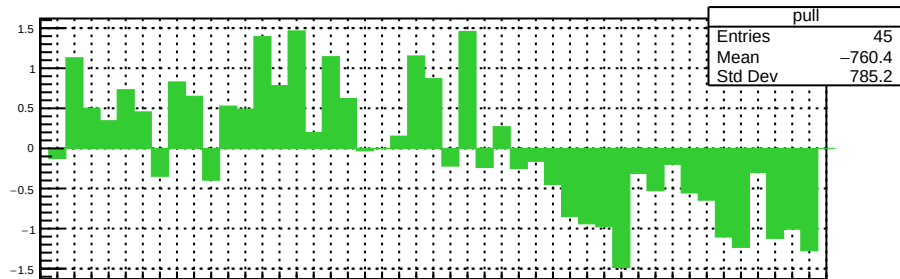
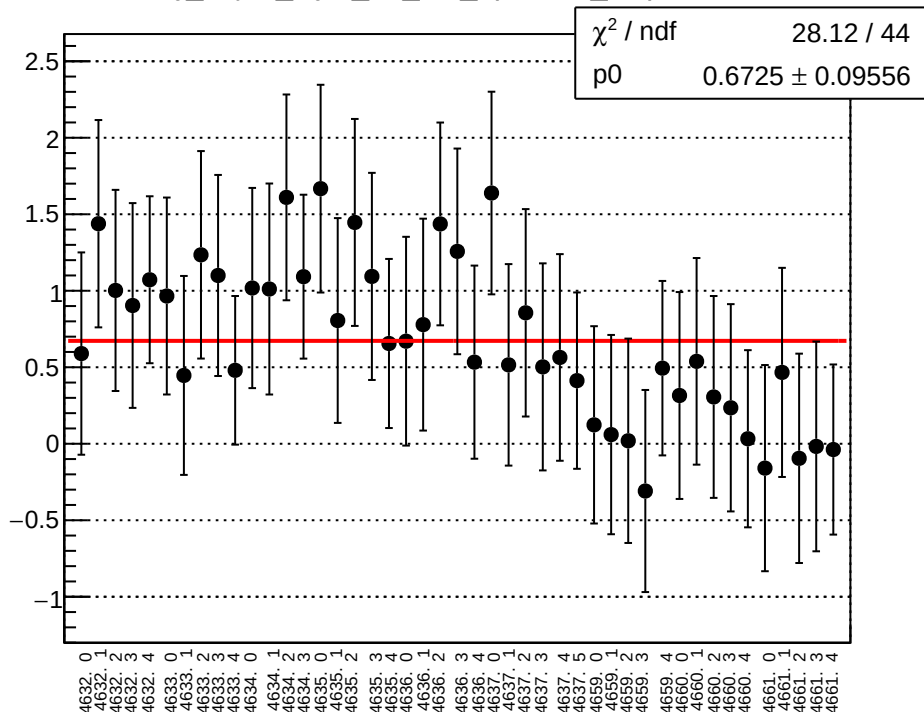
reg_asym_right_avg_diff_bpm11X_slope vs run



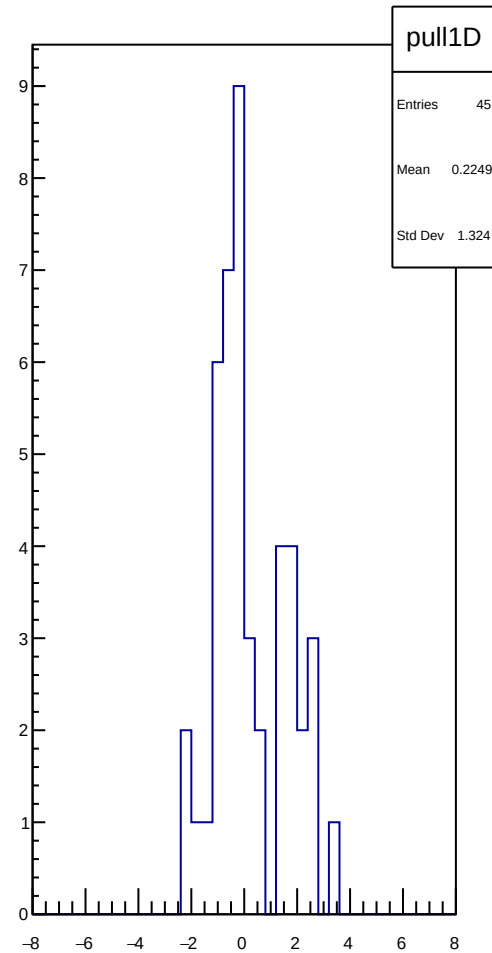
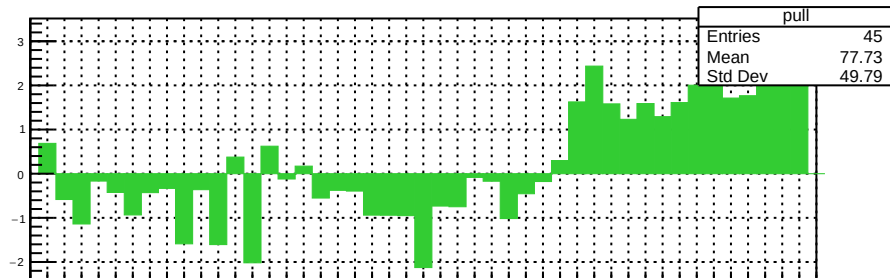
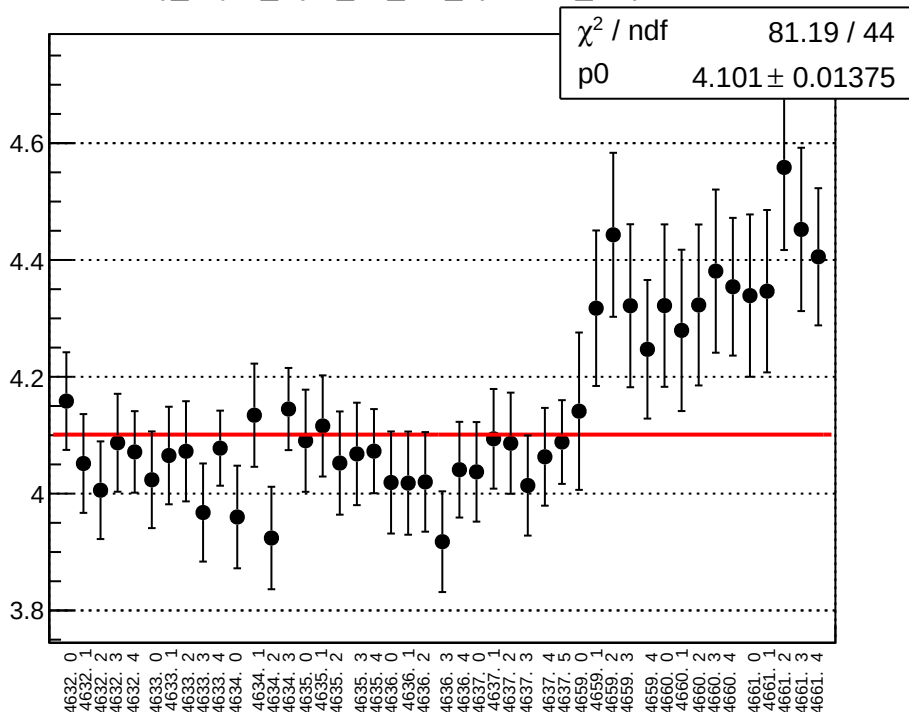
reg_asym_right_dd_diff_bpm4aX_slope vs run



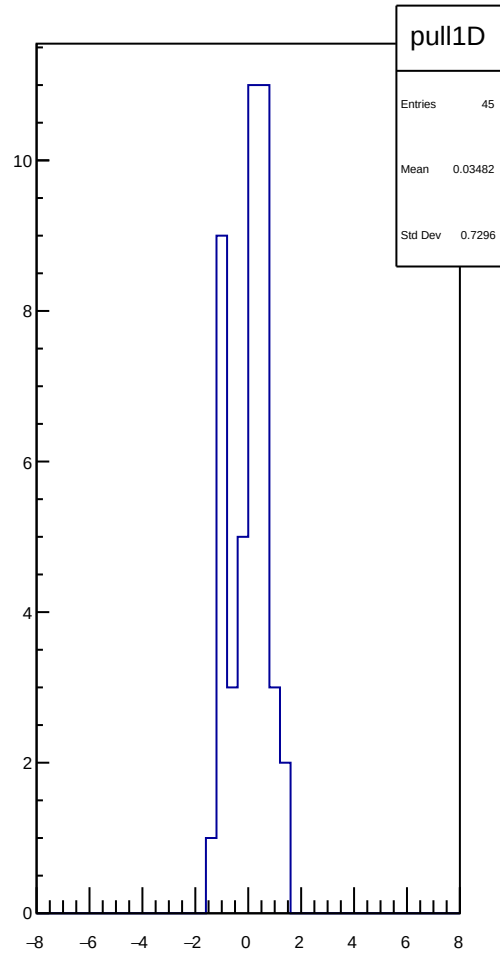
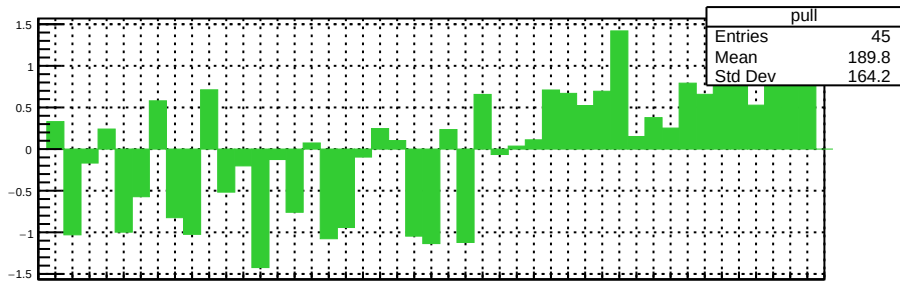
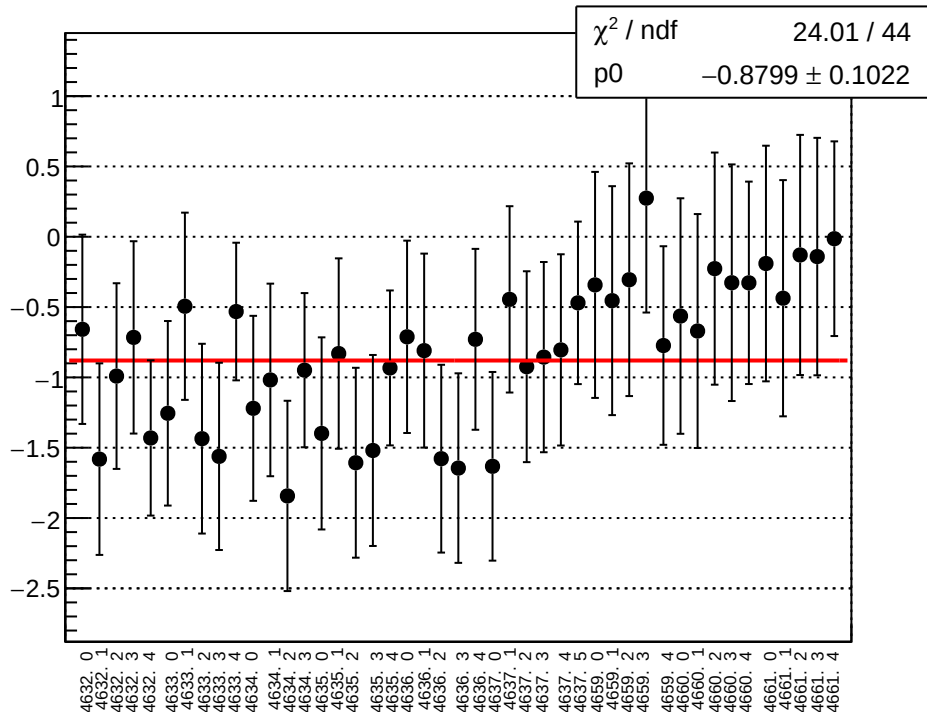
reg_asym_right_dd_diff_bpm4aY_slope vs run



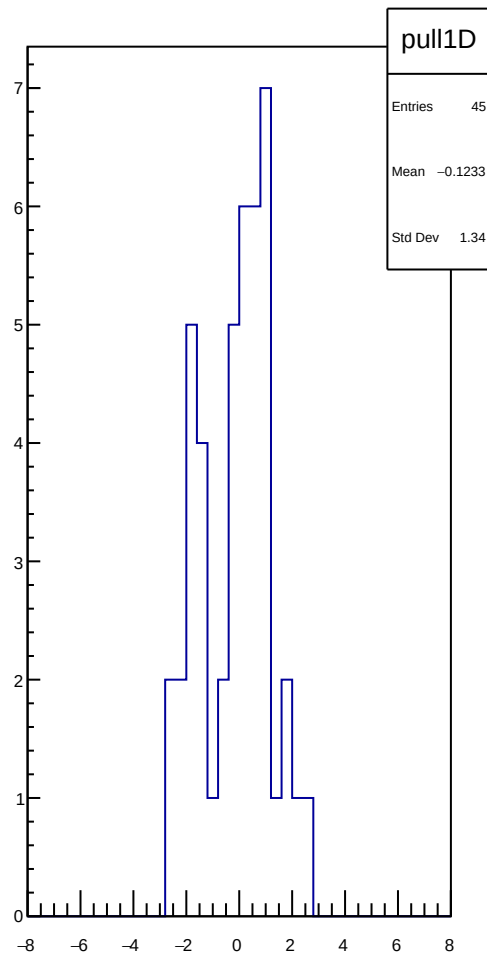
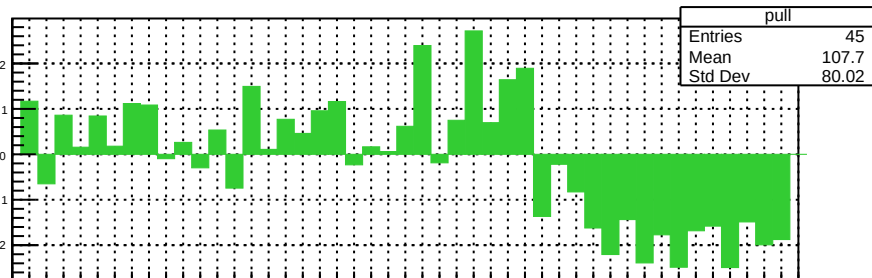
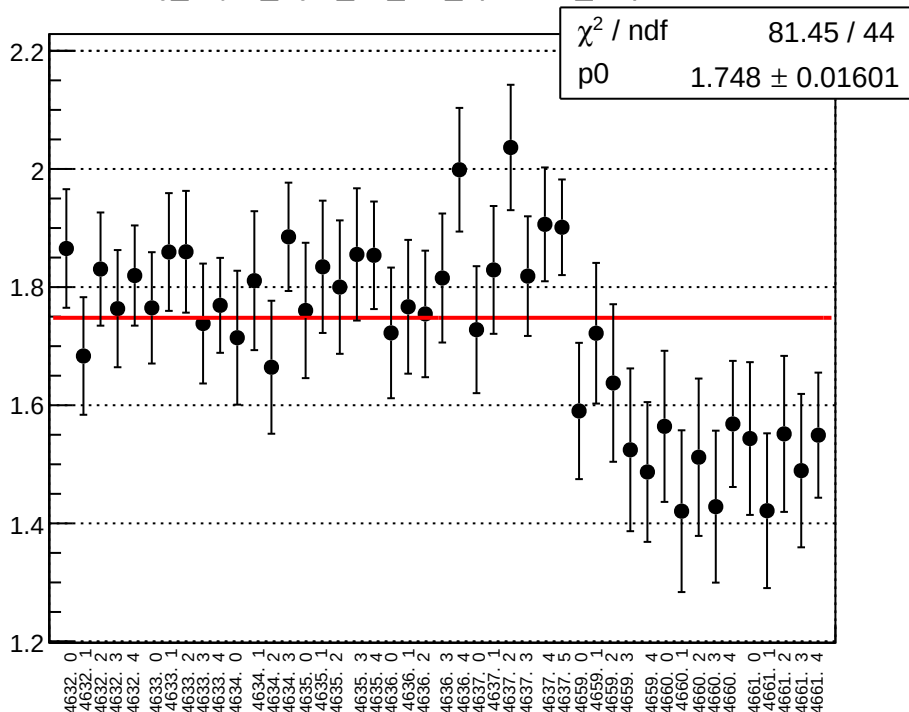
reg_asym_right_dd_diff_bpm4eX_slope vs run



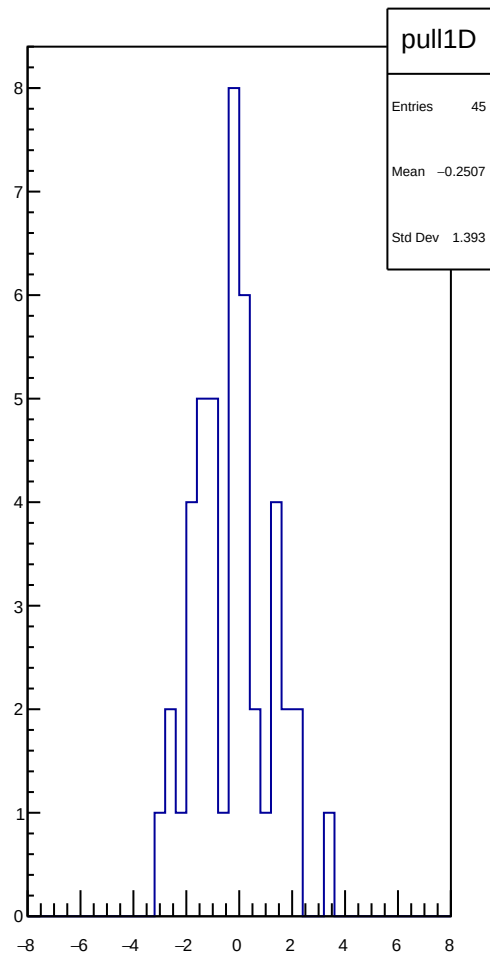
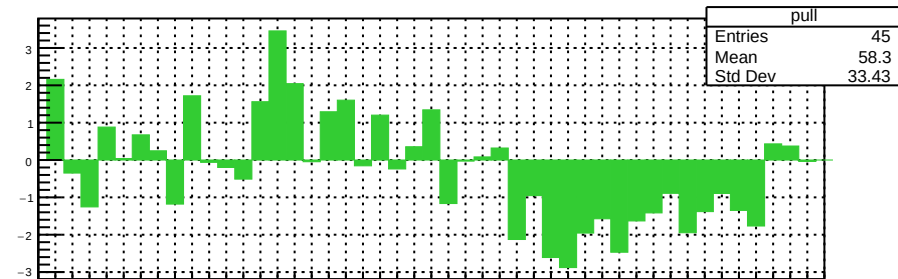
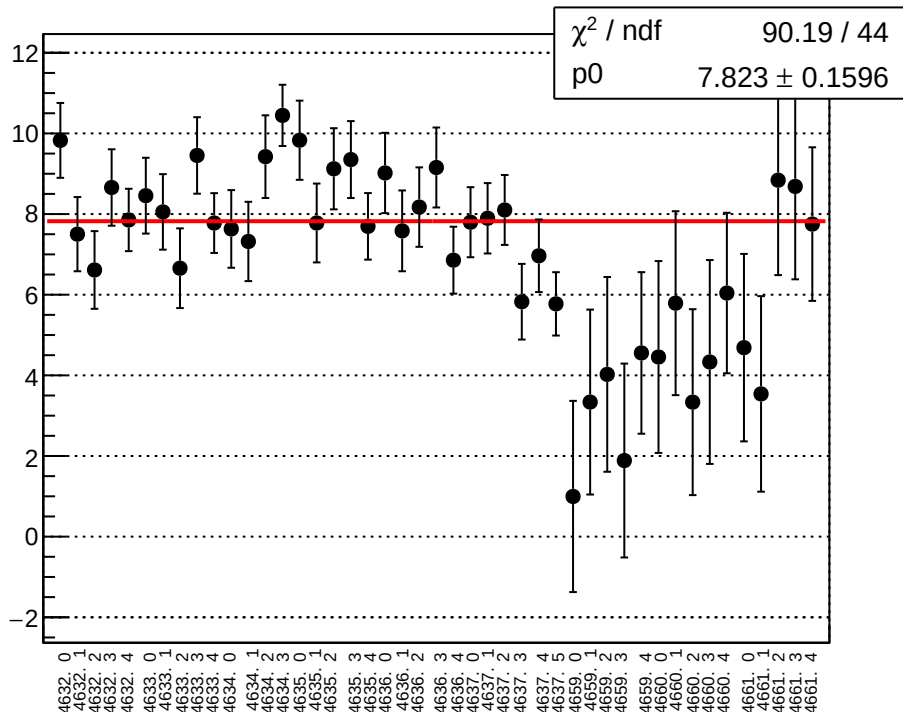
reg_asym_right_dd_diff_bpm4eY_slope vs run



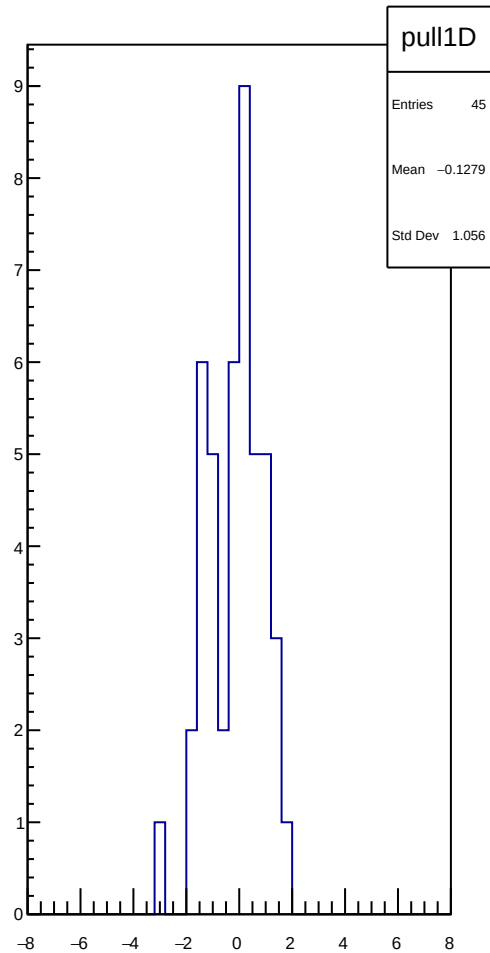
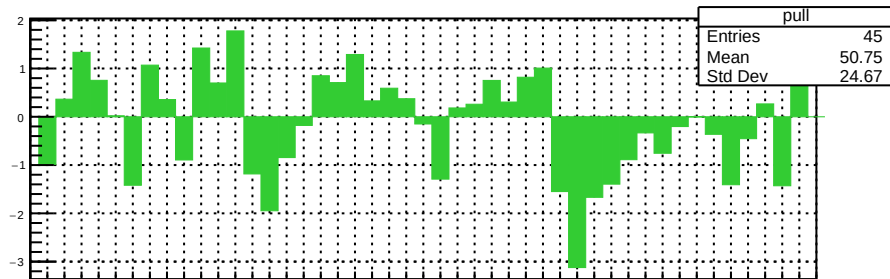
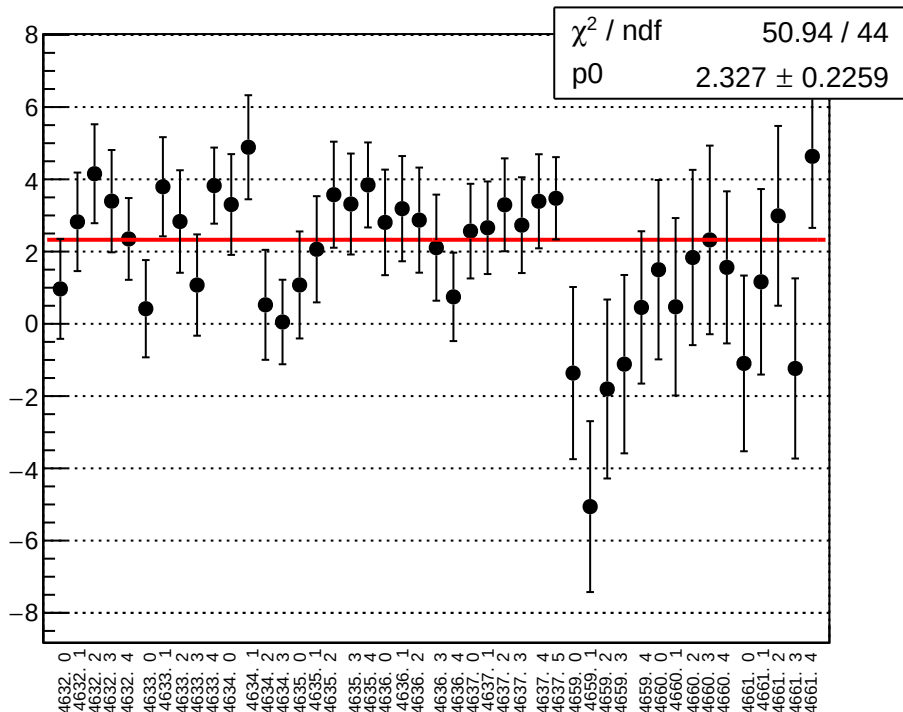
reg_asym_right_dd_diff_bpm11X_slope vs run



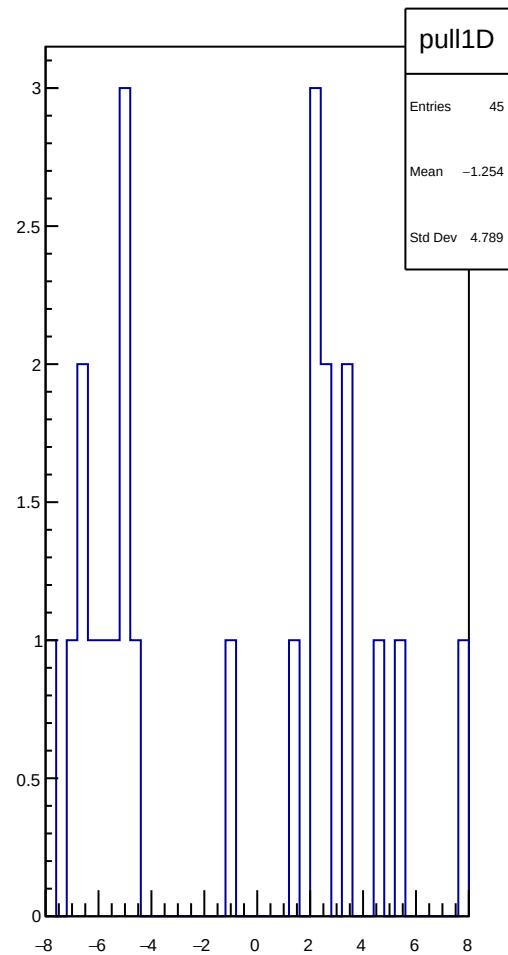
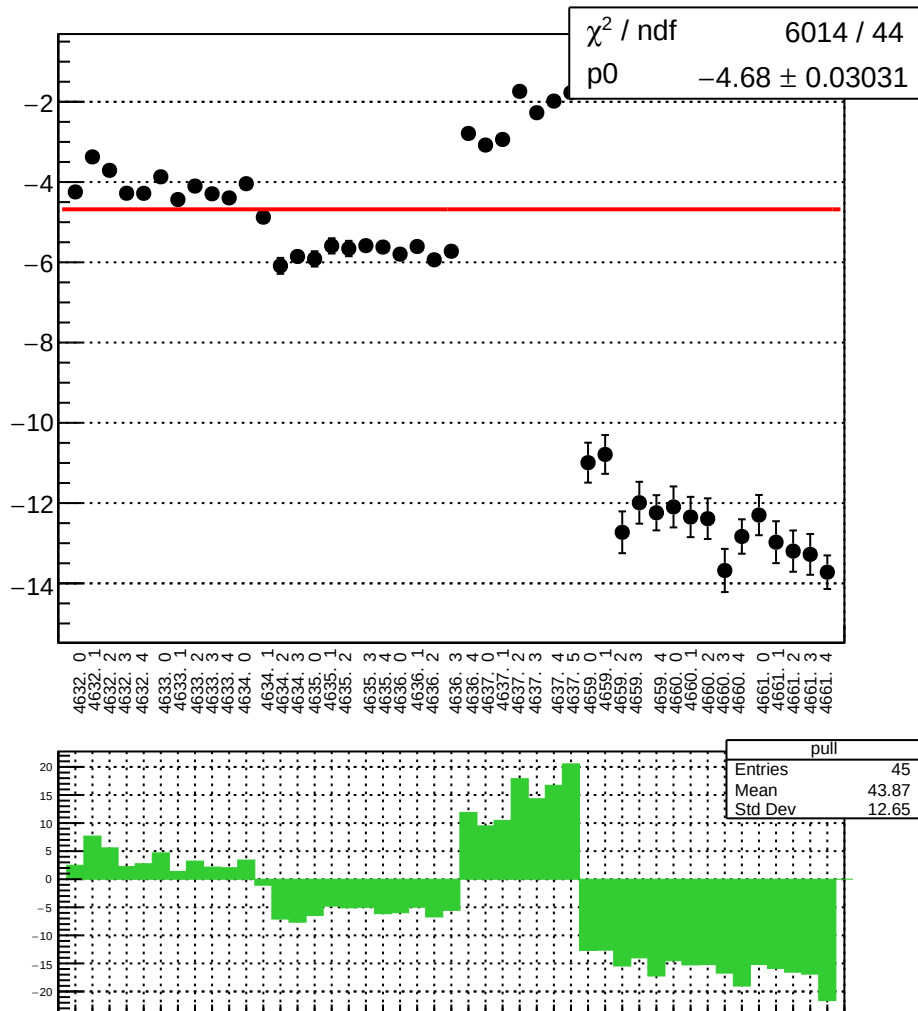
reg_asym_sam_15_avg_diff_bpm4aX_slope vs run



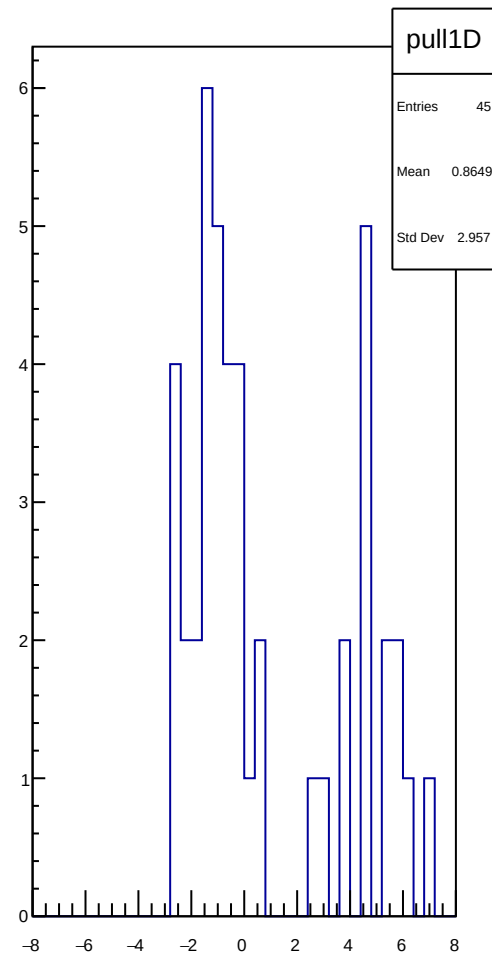
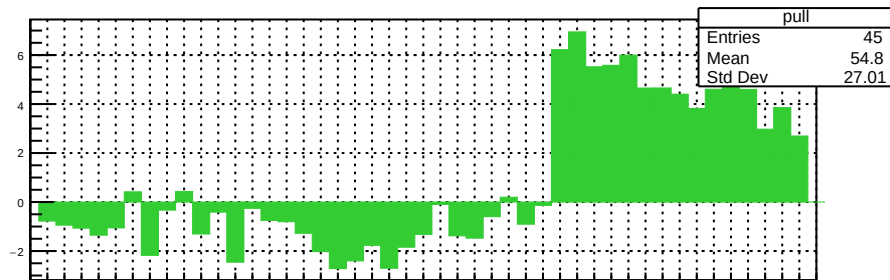
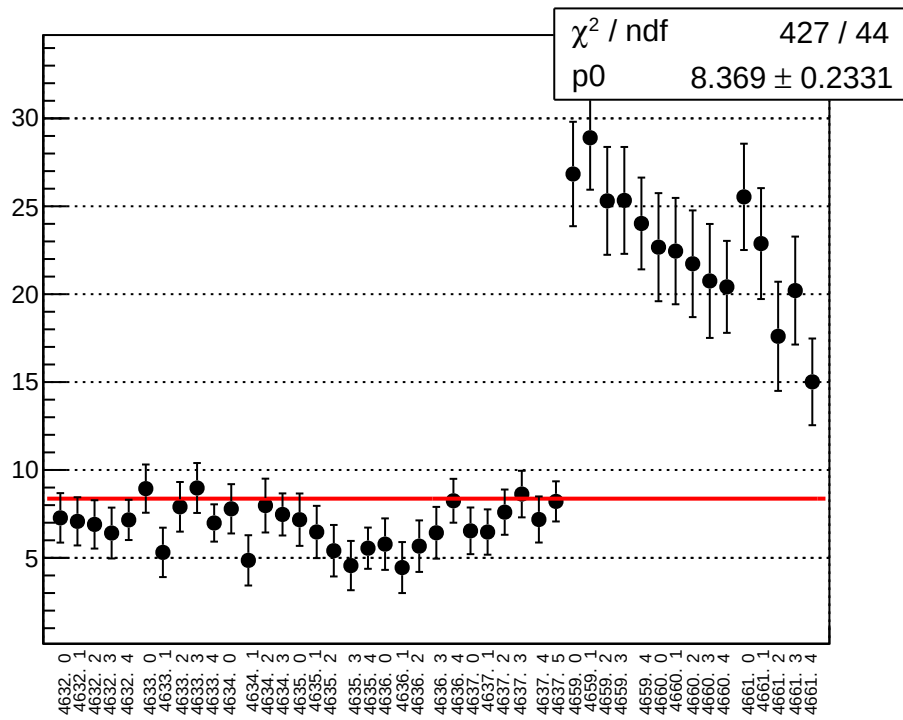
reg_asym_sam_15_avg_diff_bpm4aY_slope vs run



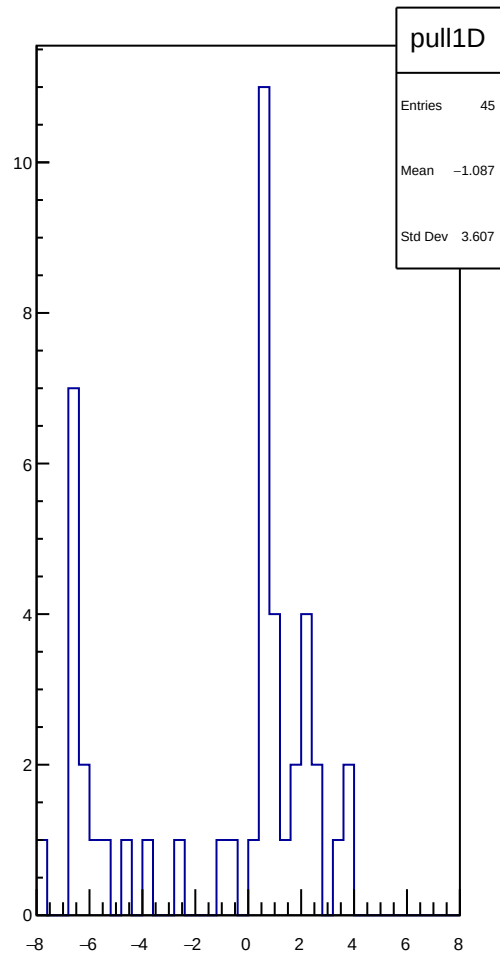
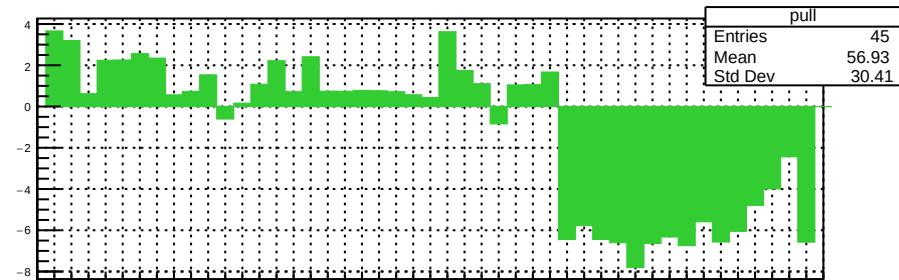
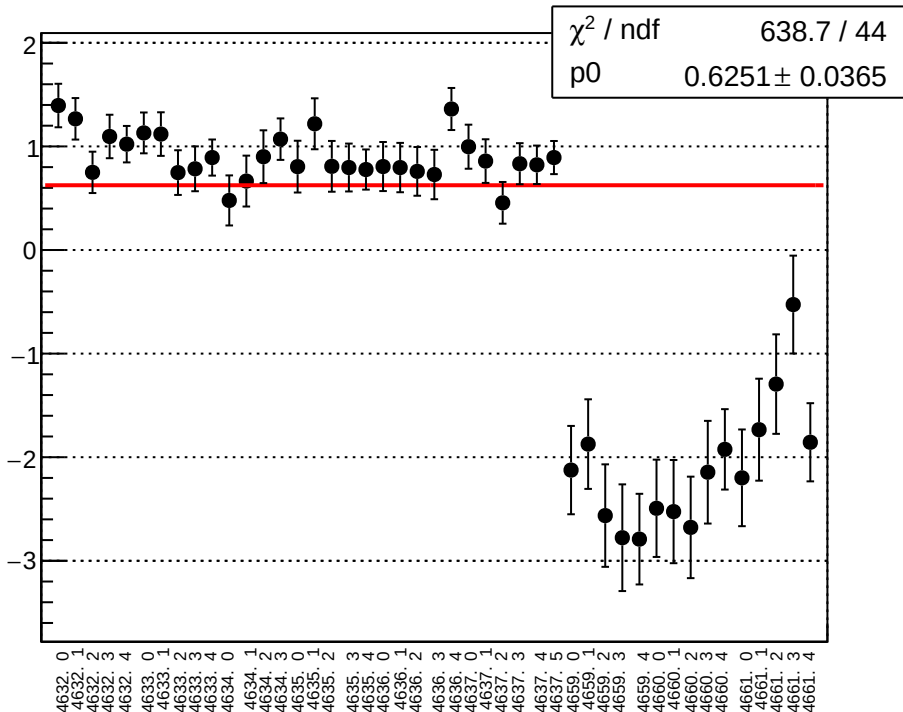
reg_asym_sam_15_avg_diff_bpm4eX_slope vs run



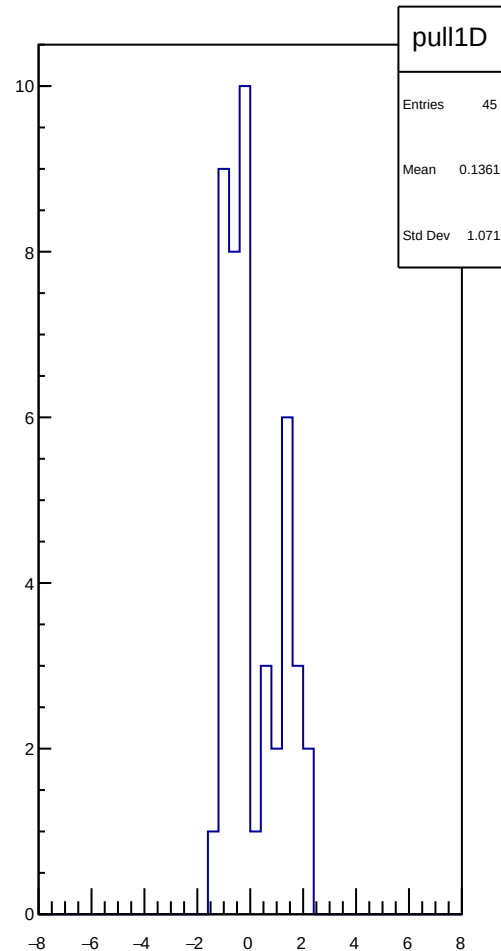
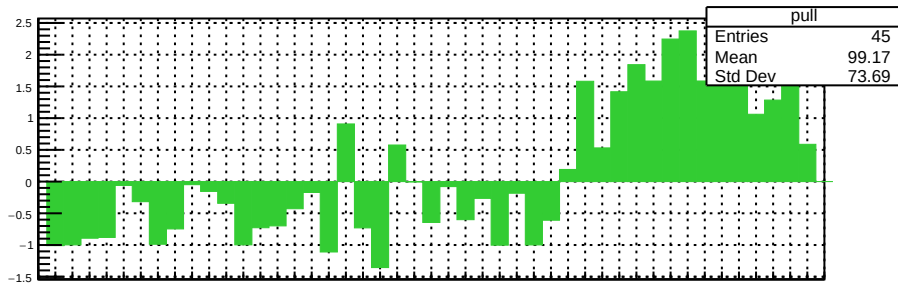
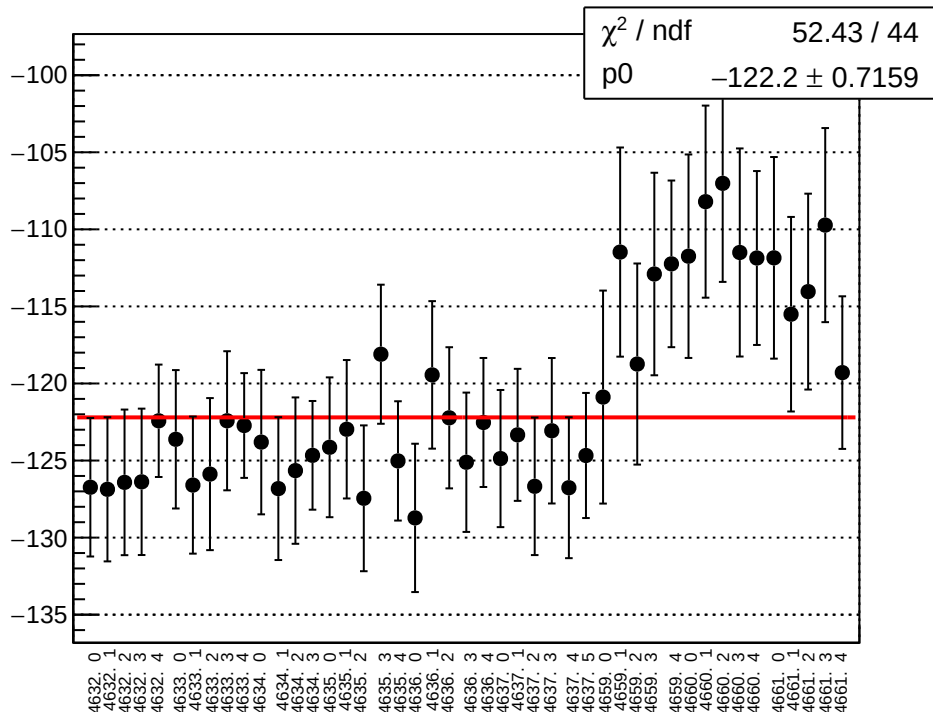
reg_asym_sam_15_avg_diff_bpm4eY_slope vs run



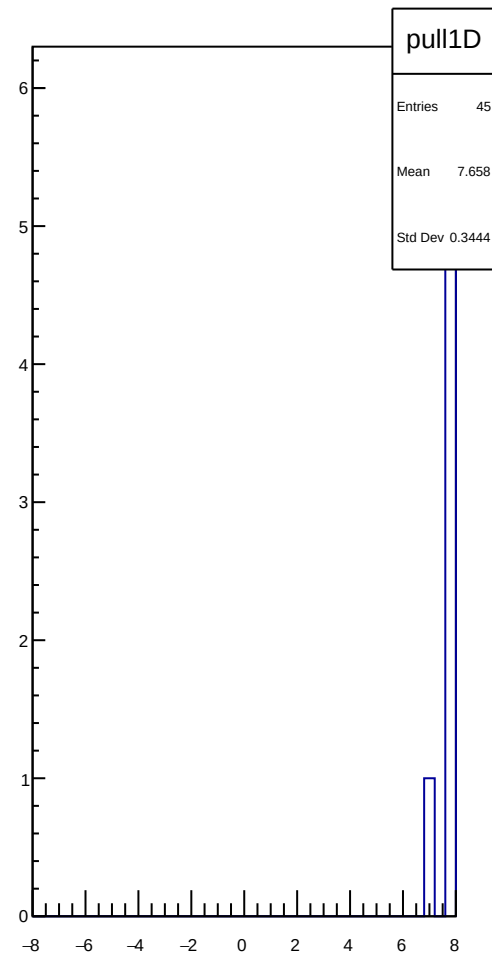
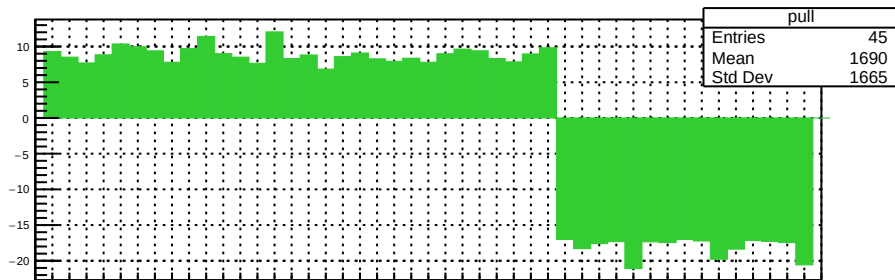
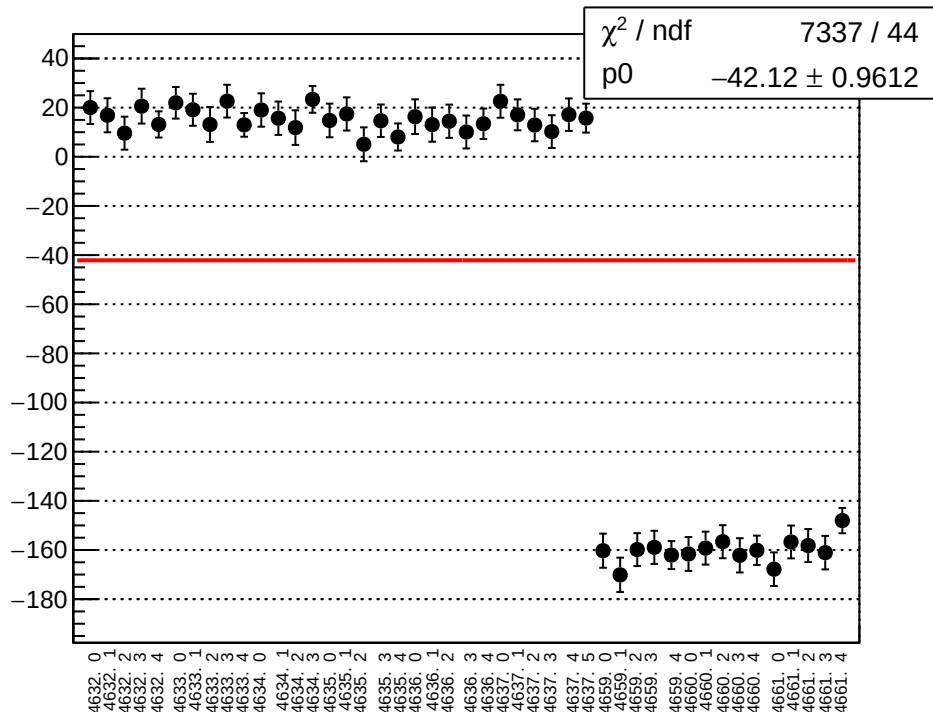
reg asym sam 15 avg diff bpm11X slope vs run



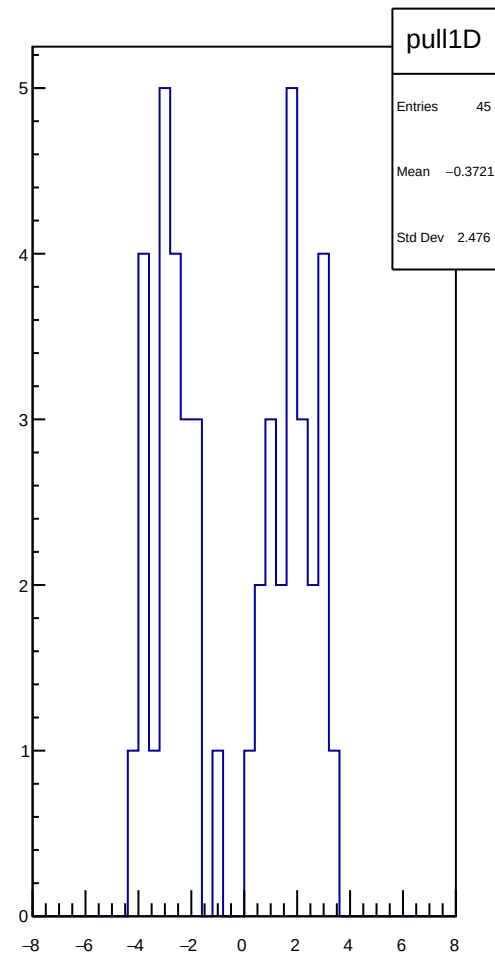
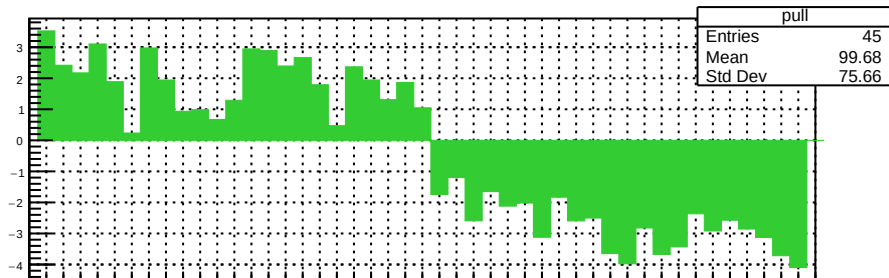
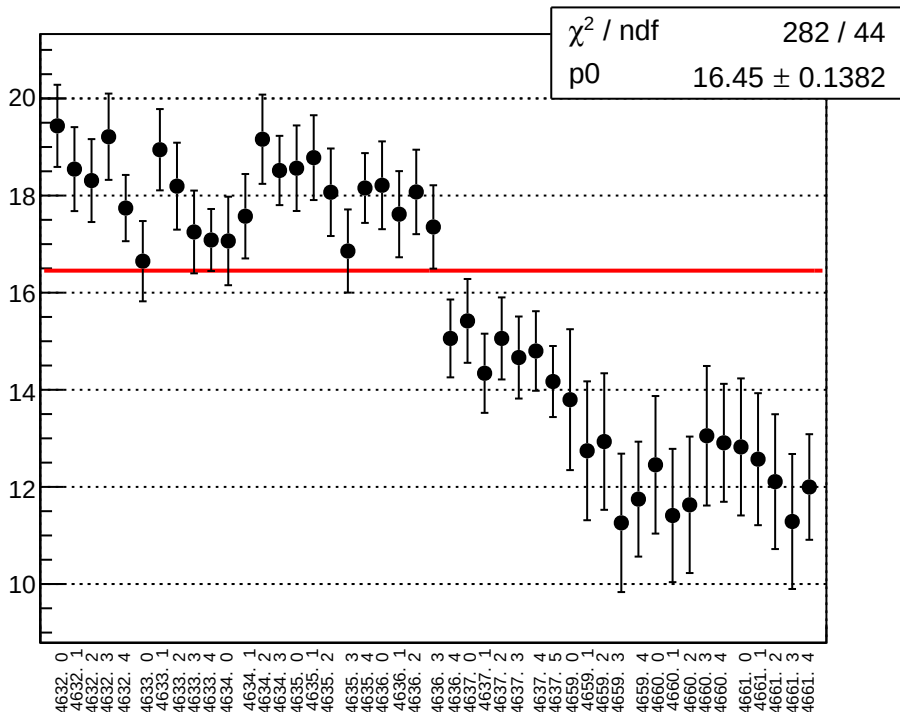
reg_asym_sam_15_dd_diff_bpm4aX_slope vs run



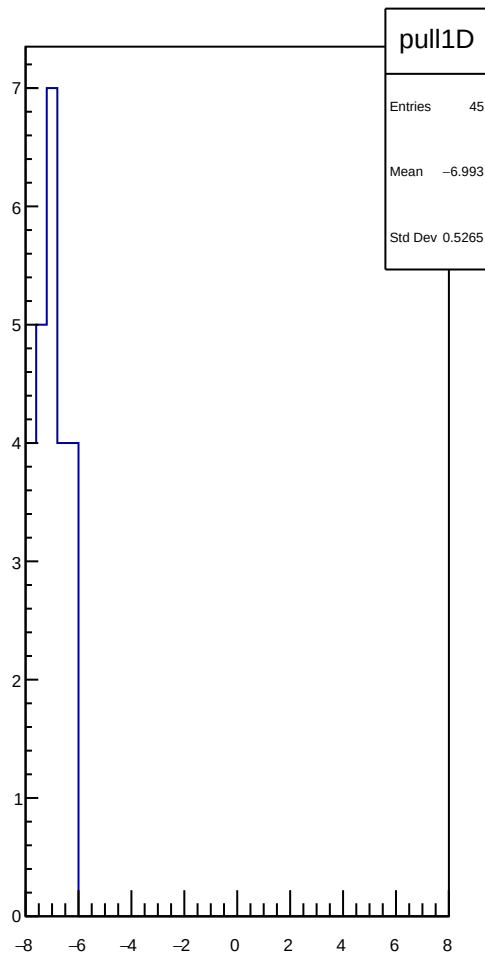
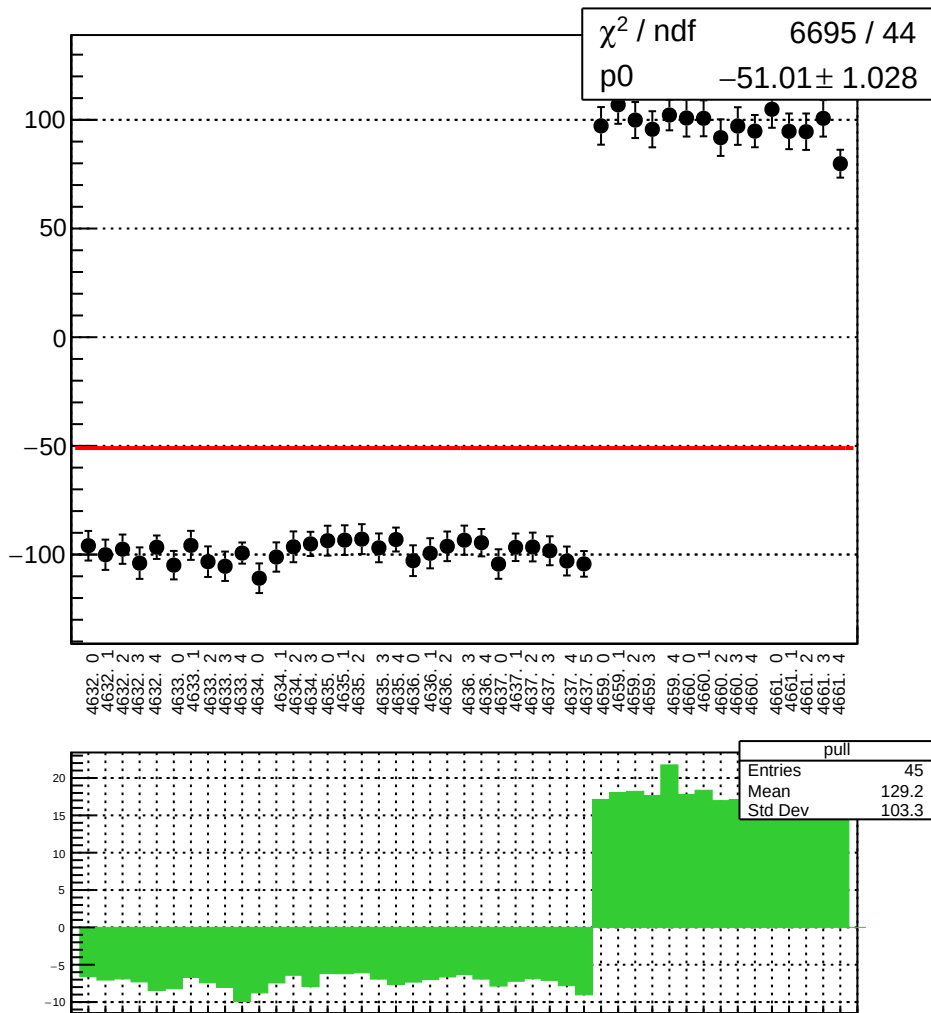
reg_asym_sam_15_dd_diff_bpm4aY_slope vs run



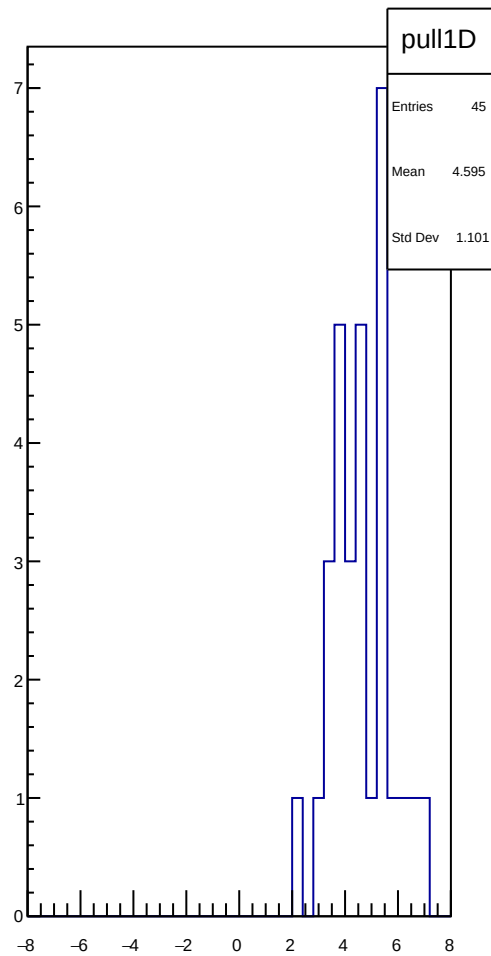
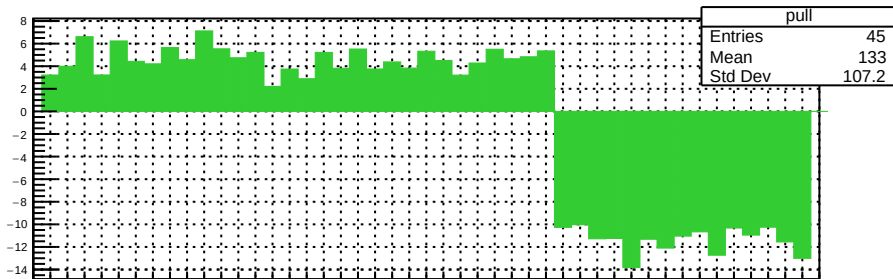
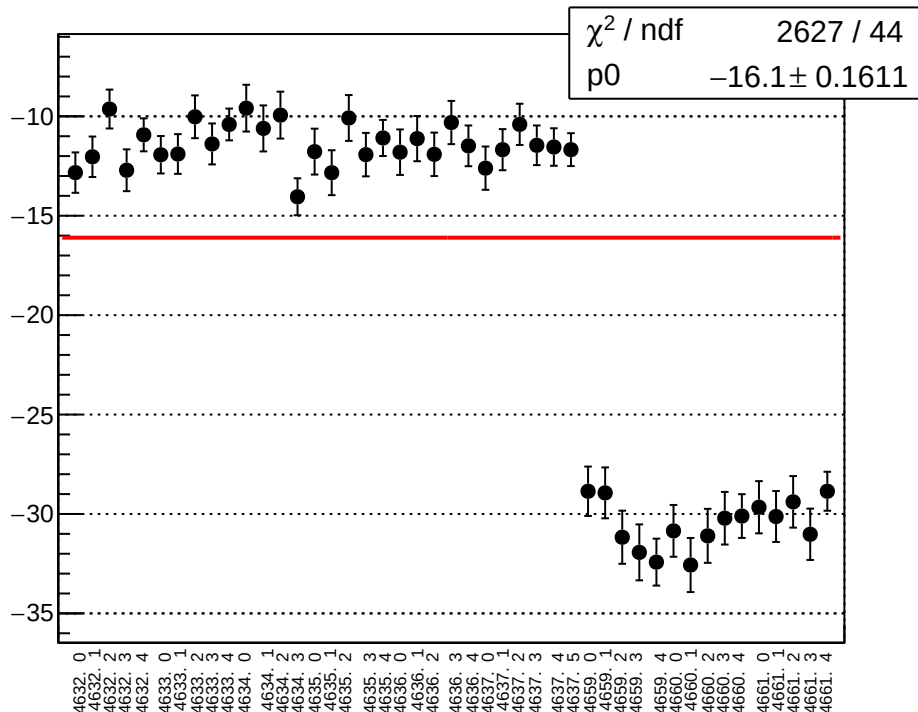
reg_asym_sam_15_dd_diff_bpm4eX_slope vs run



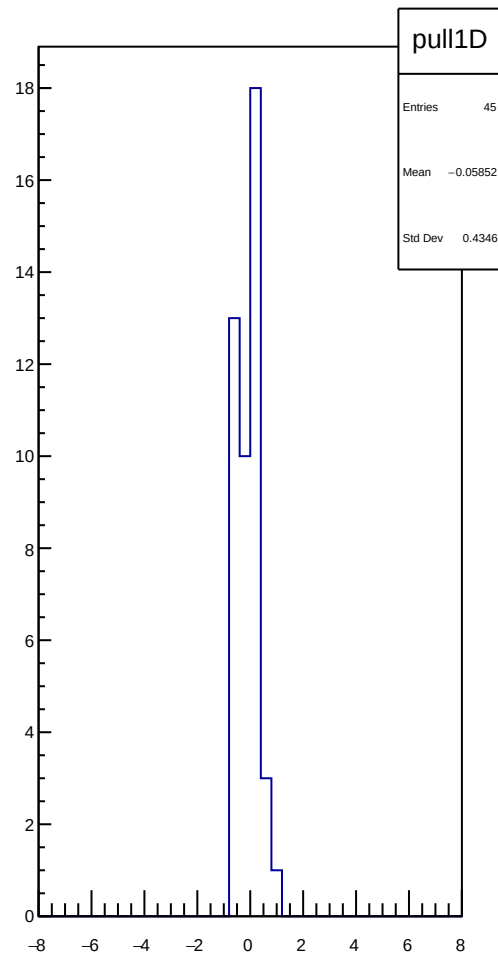
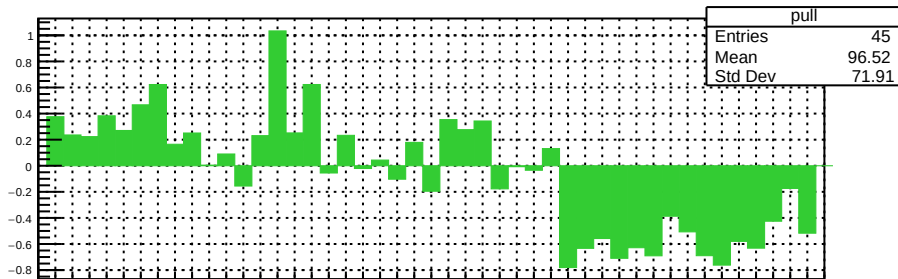
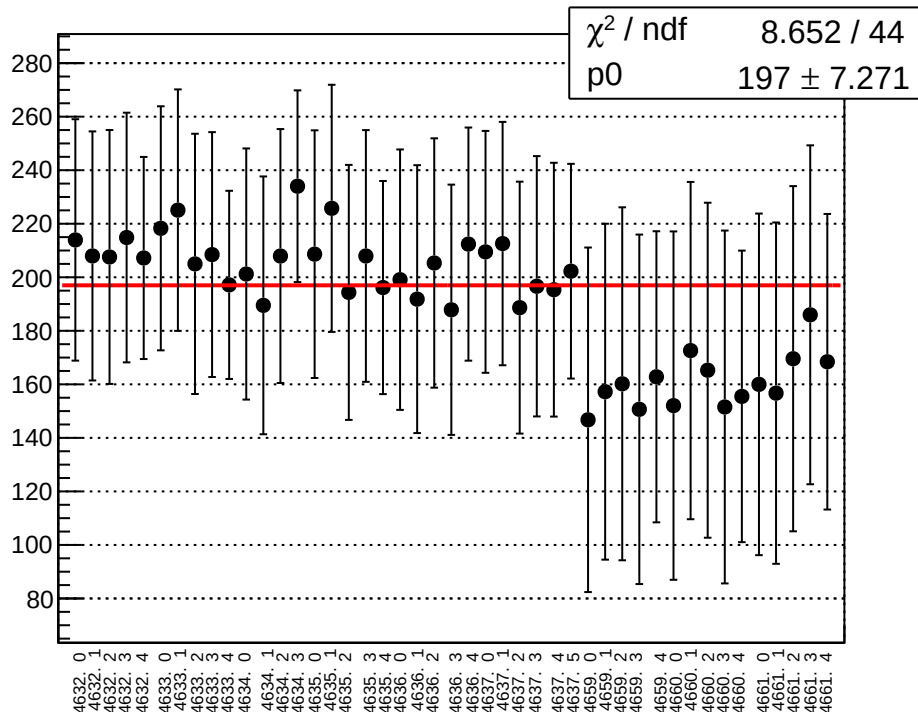
reg_asym_sam_15_dd_diff_bpm4eY_slope vs run



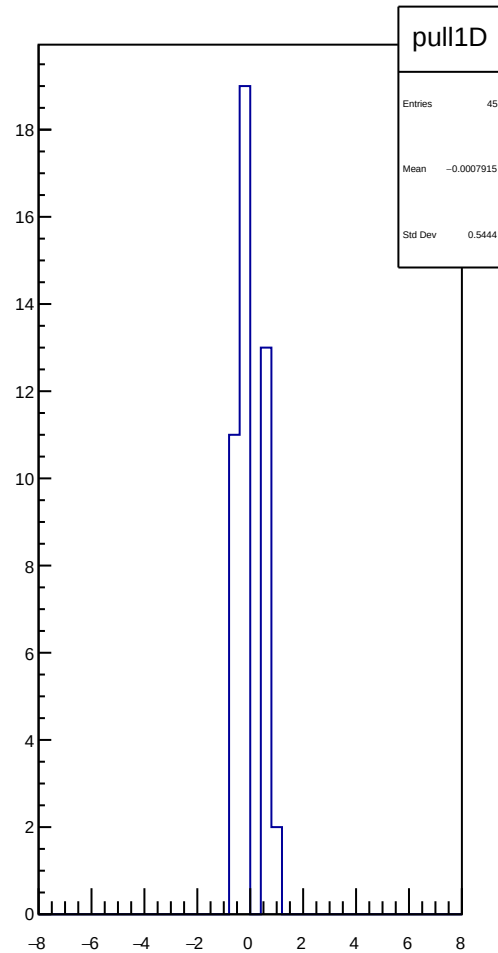
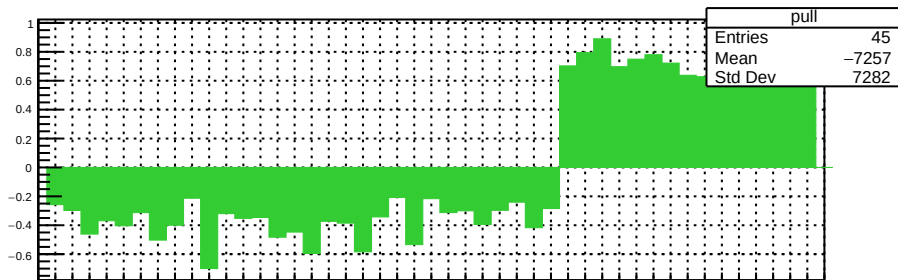
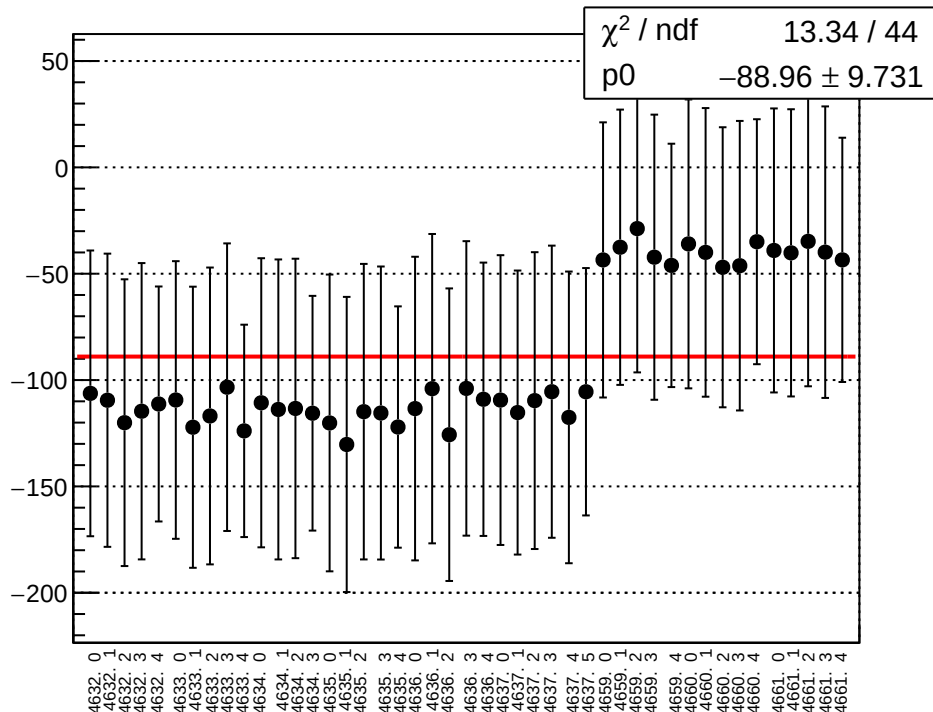
reg_asym_sam_15_dd_diff_bpm11X_slope vs run



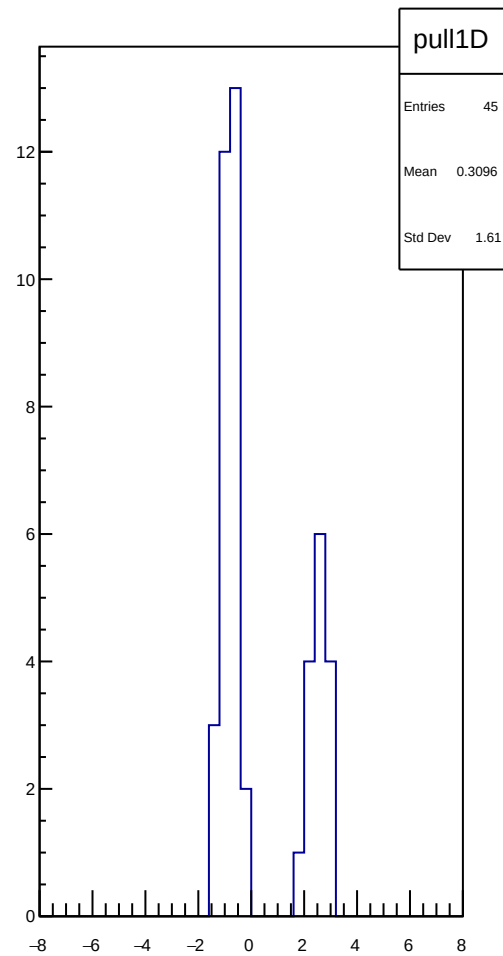
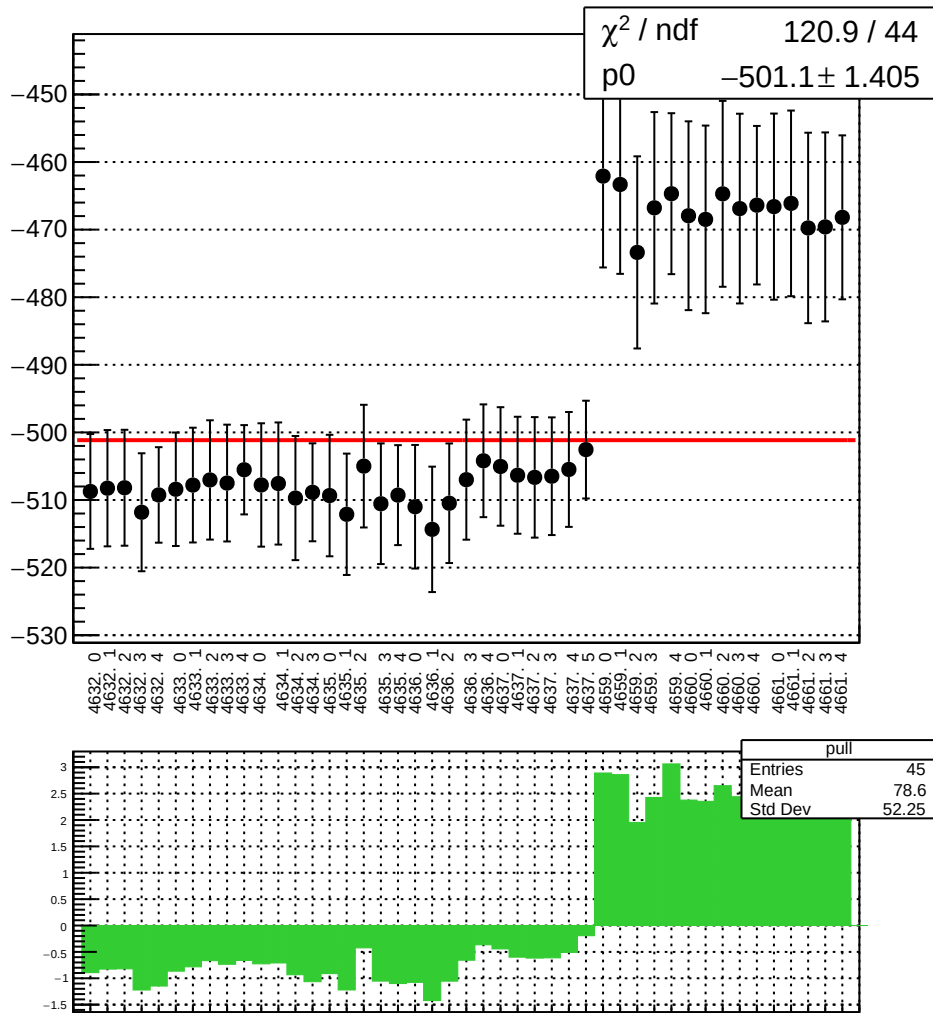
reg_asym_sam_37_avg_diff_bpm4aX_slope vs run



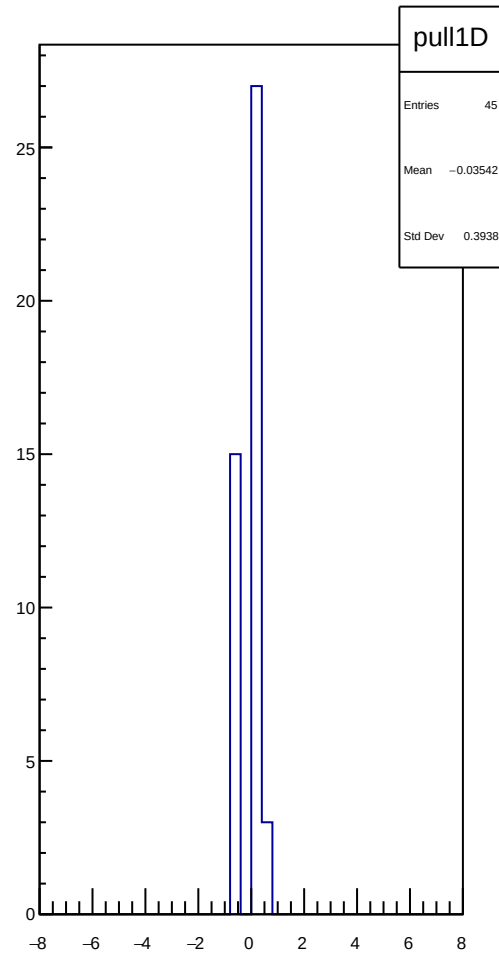
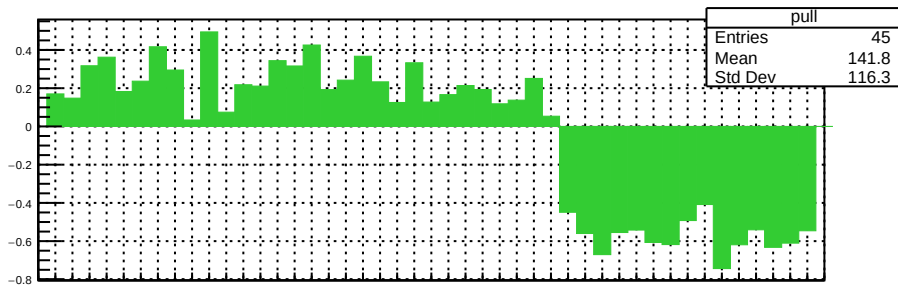
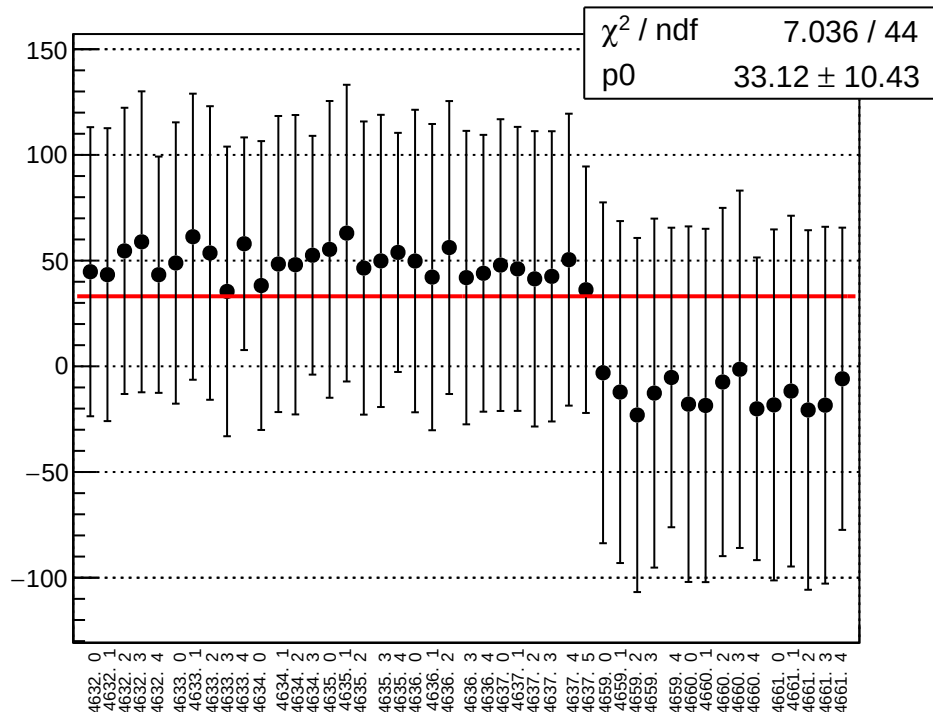
reg_asym_sam_37_avg_diff_bpm4aY_slope vs run



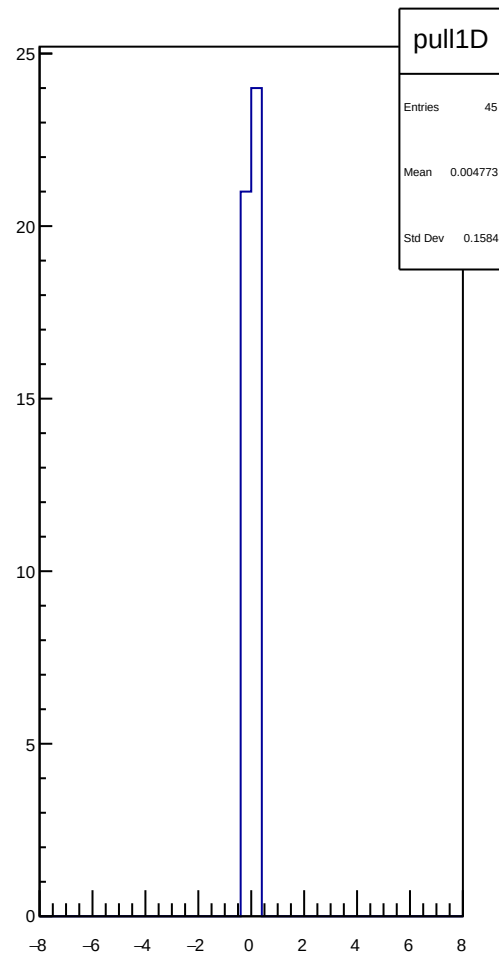
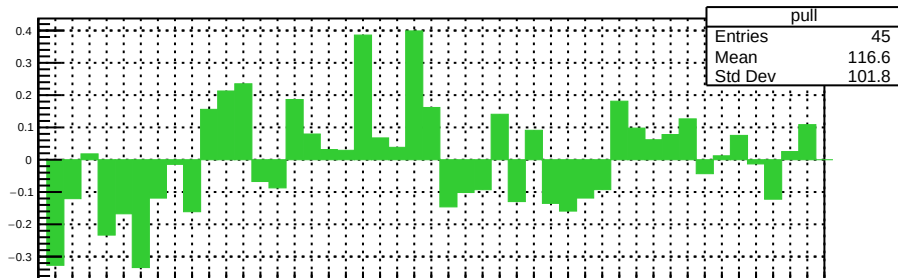
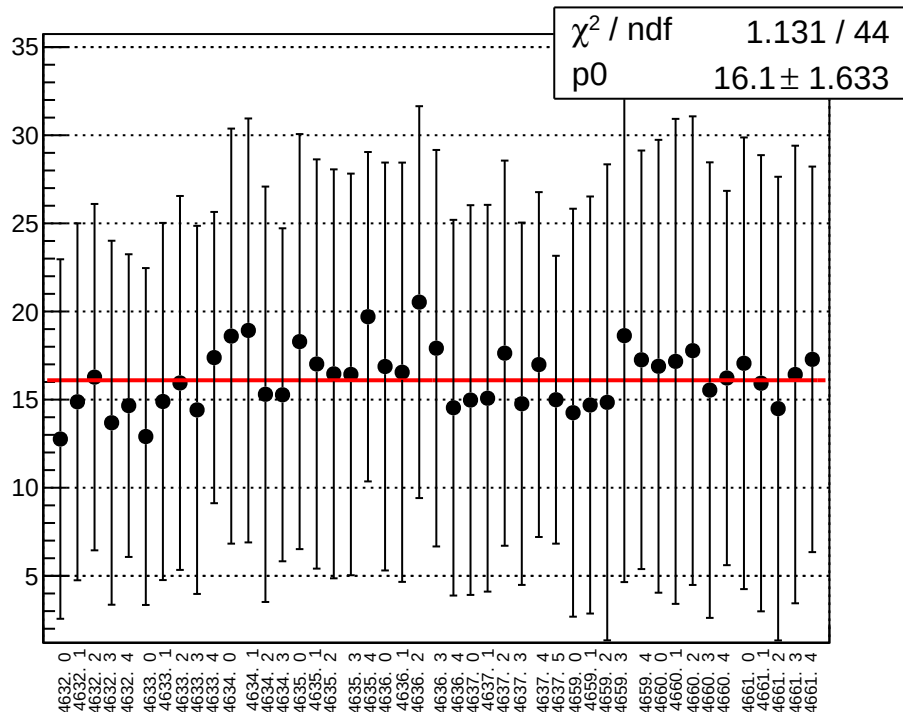
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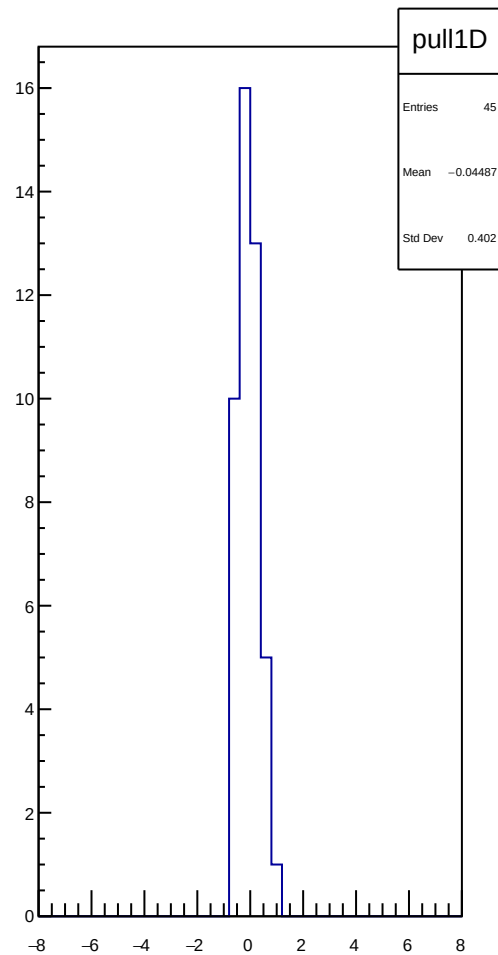
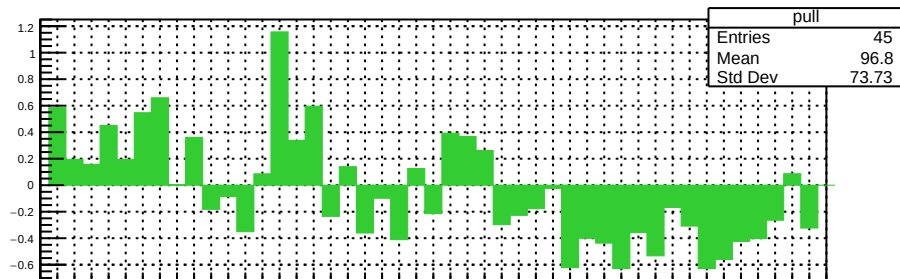
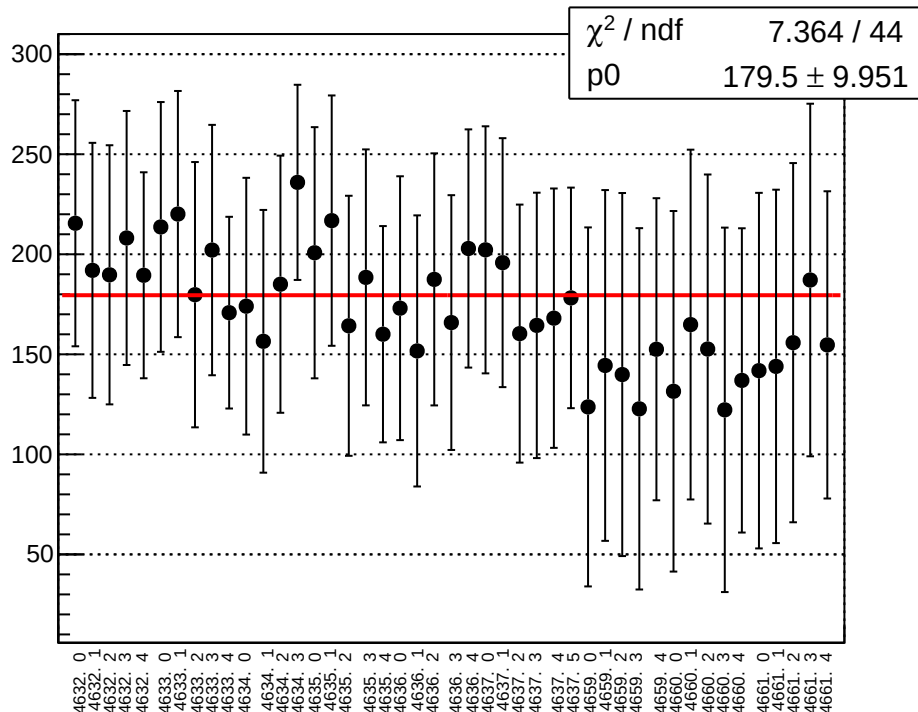
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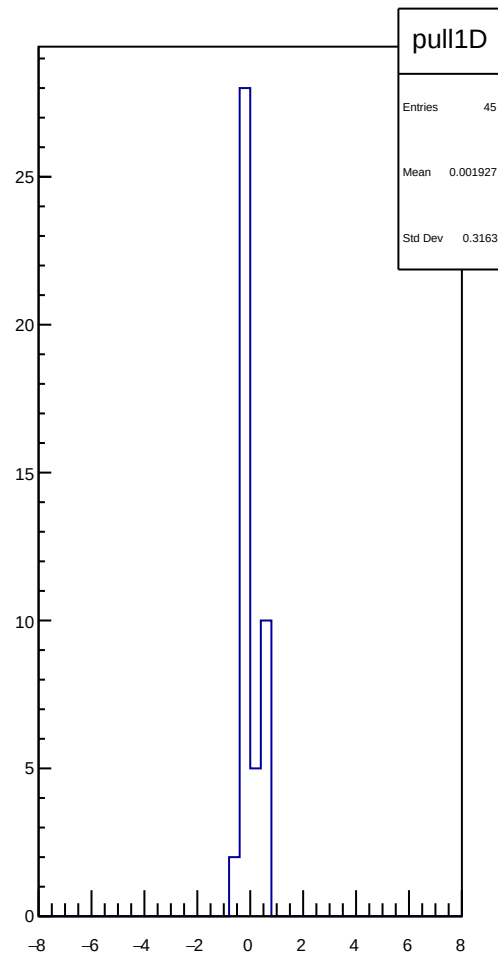
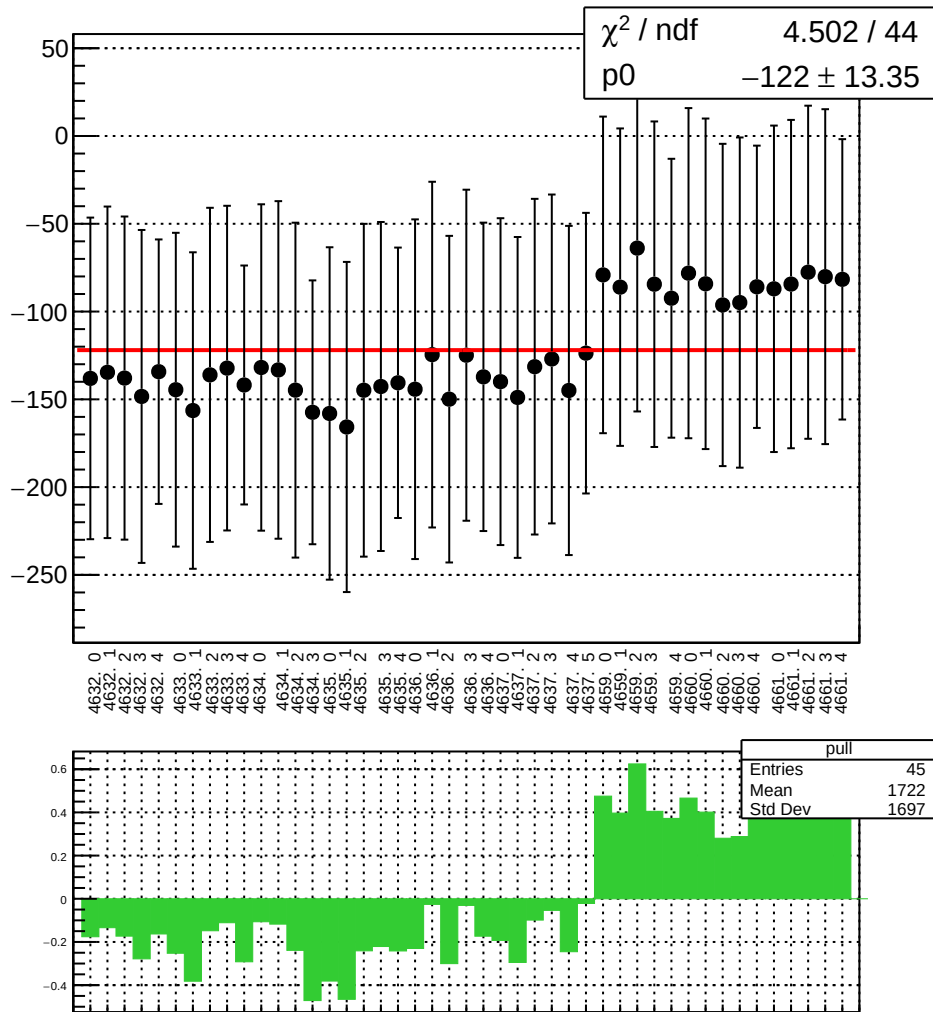
reg_asym_sam_37_avg_diff_bpm11X_slope vs run



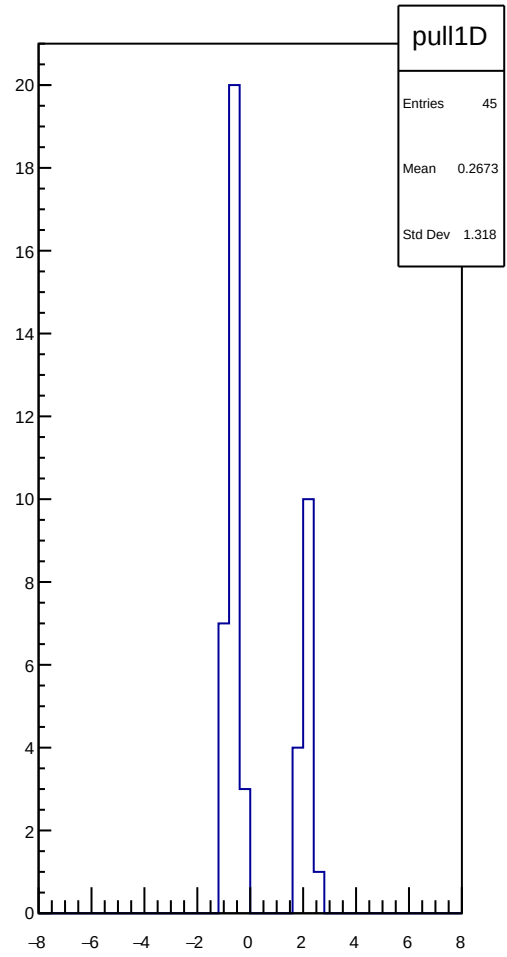
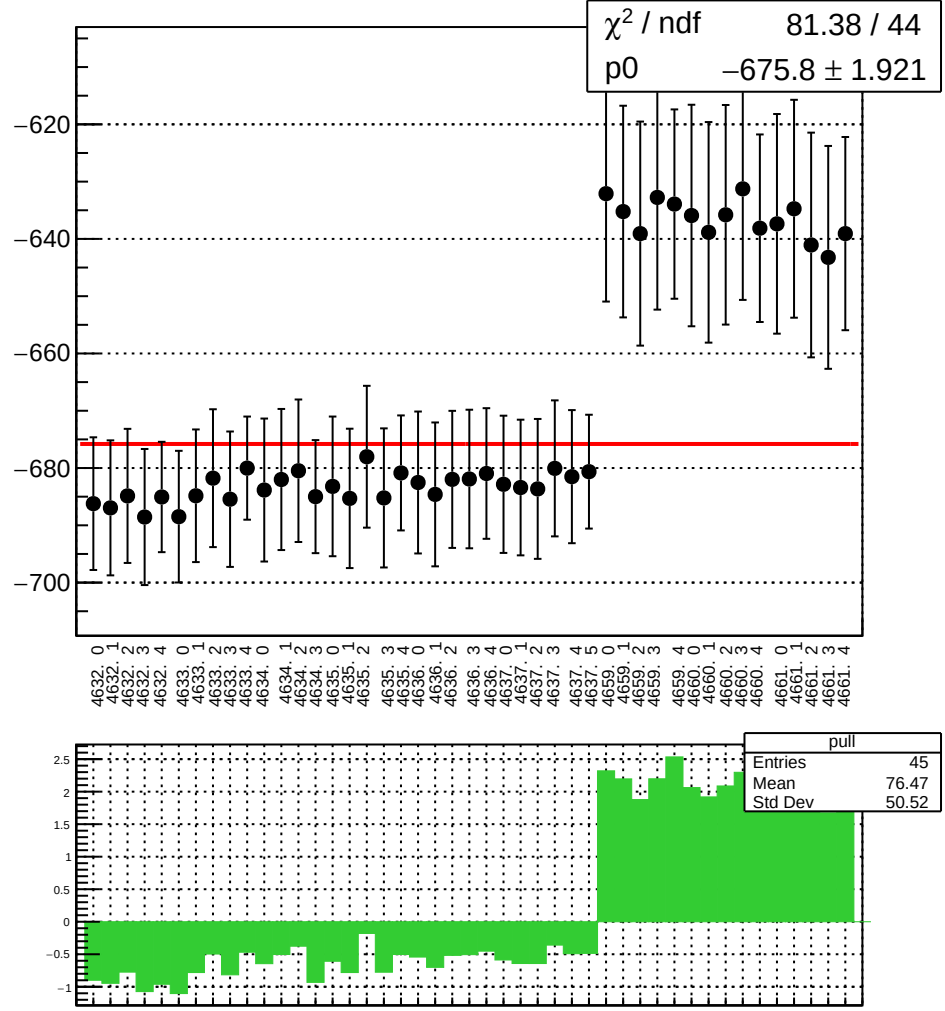
reg_asym_sam_37_dd_diff_bpm4aX_slope vs run



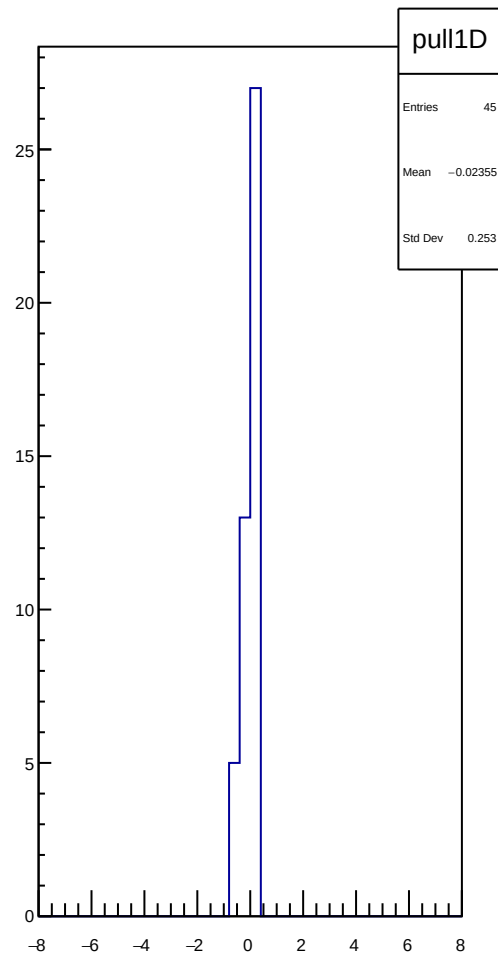
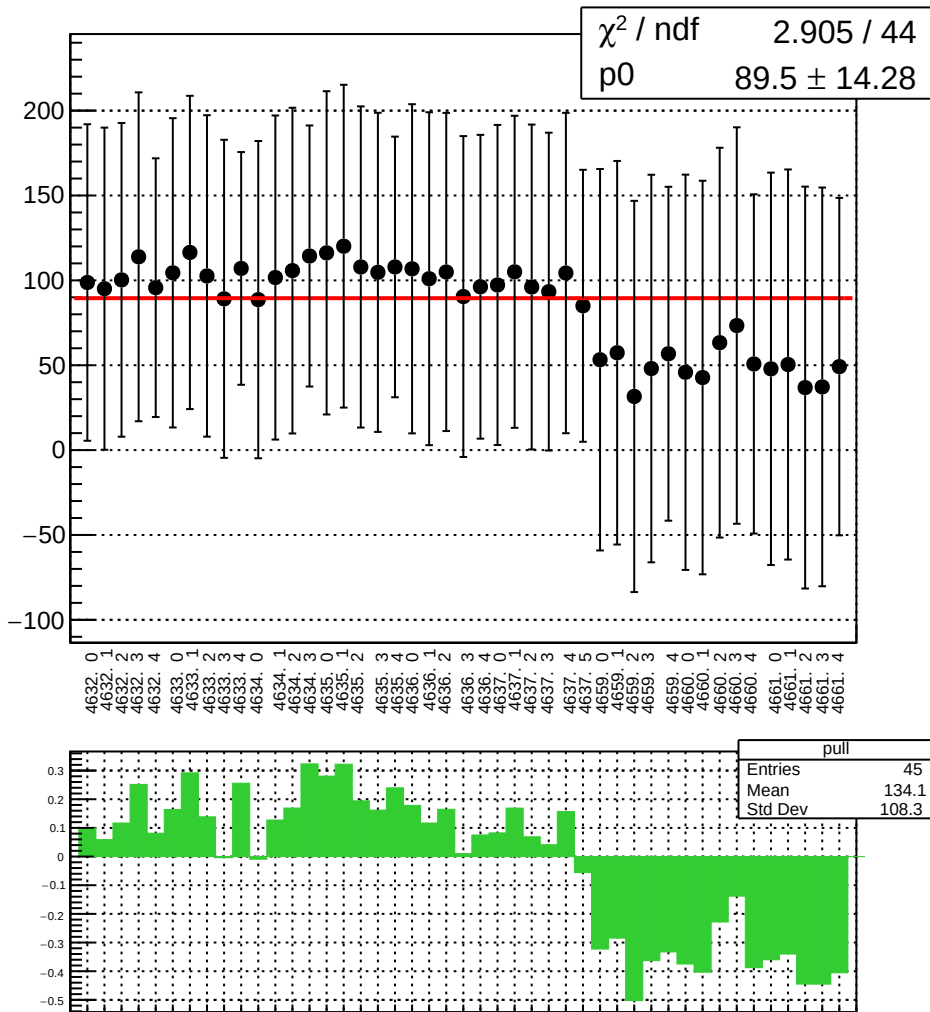
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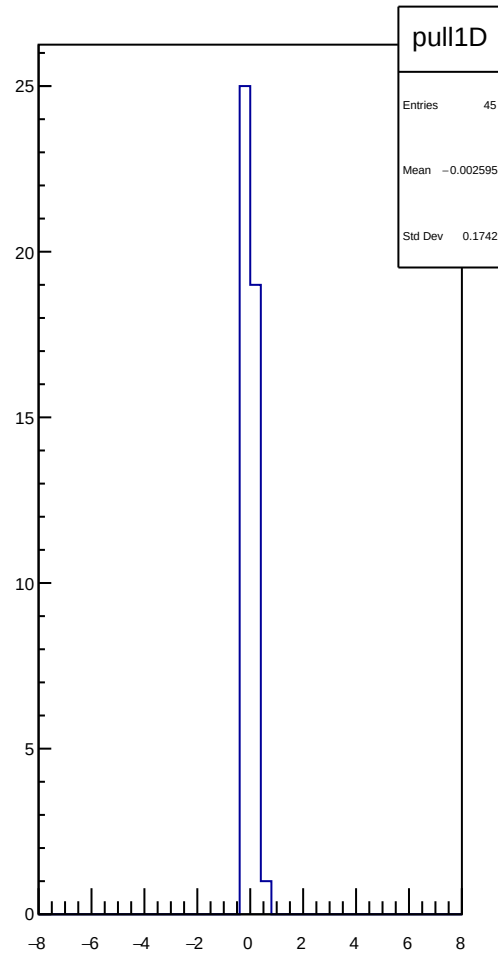
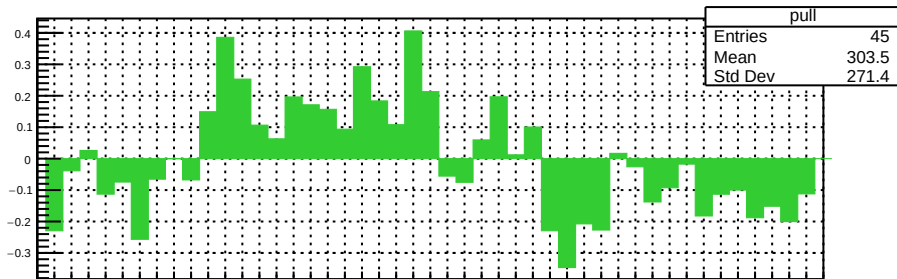
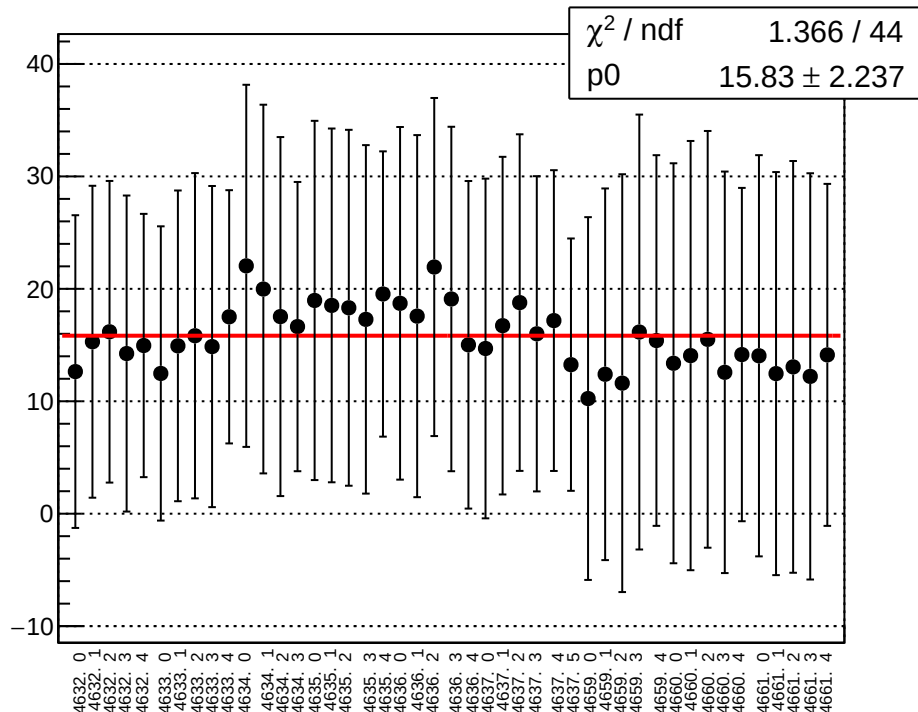
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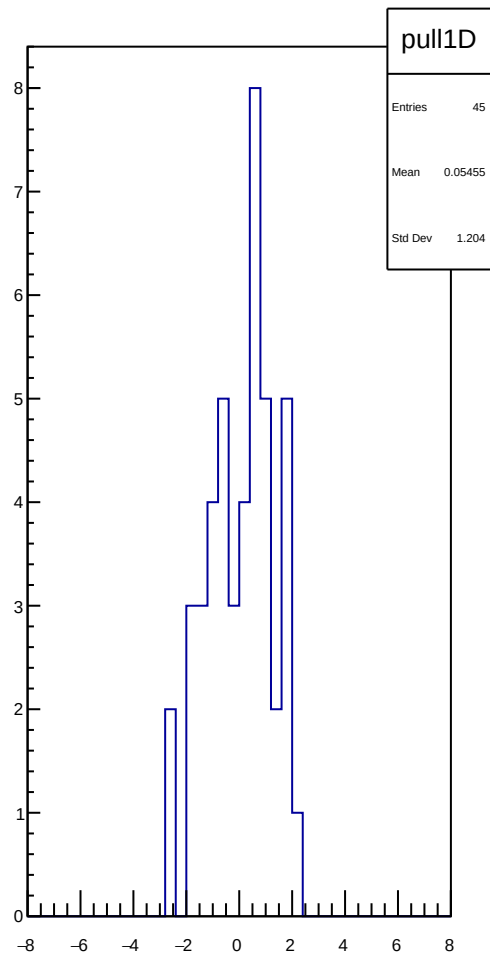
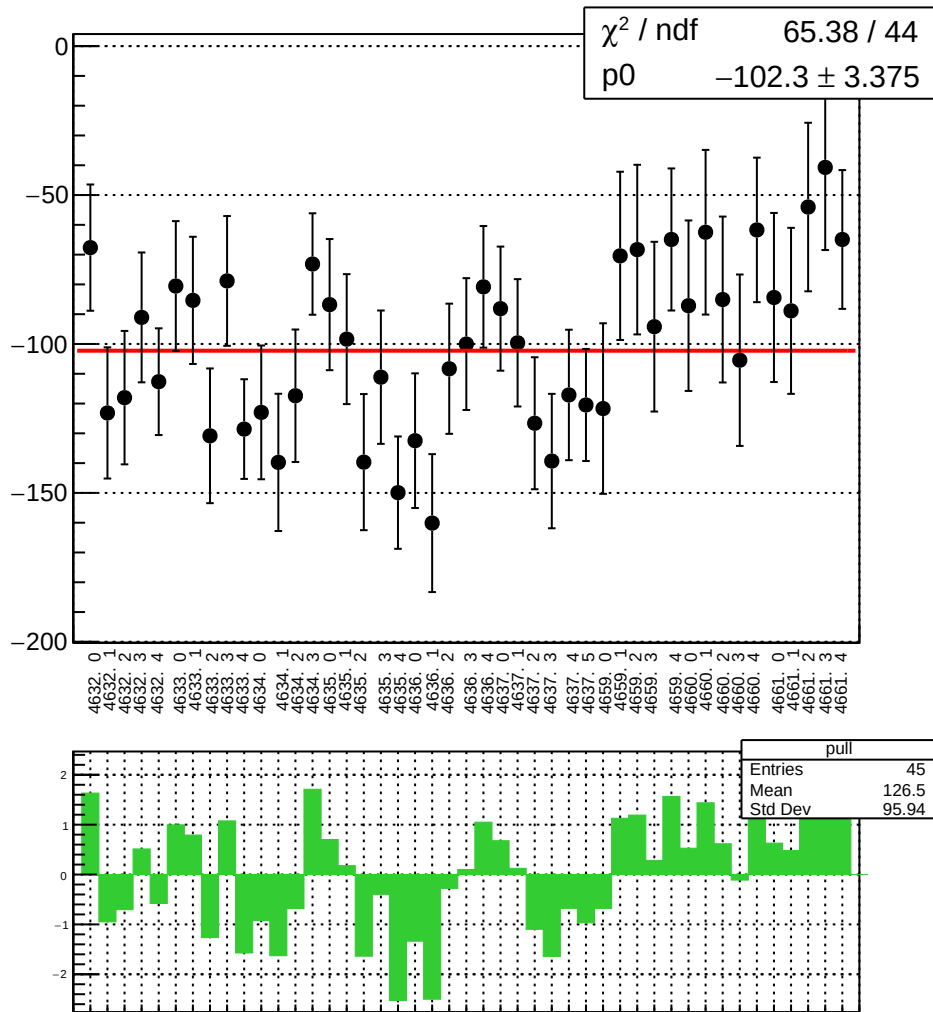
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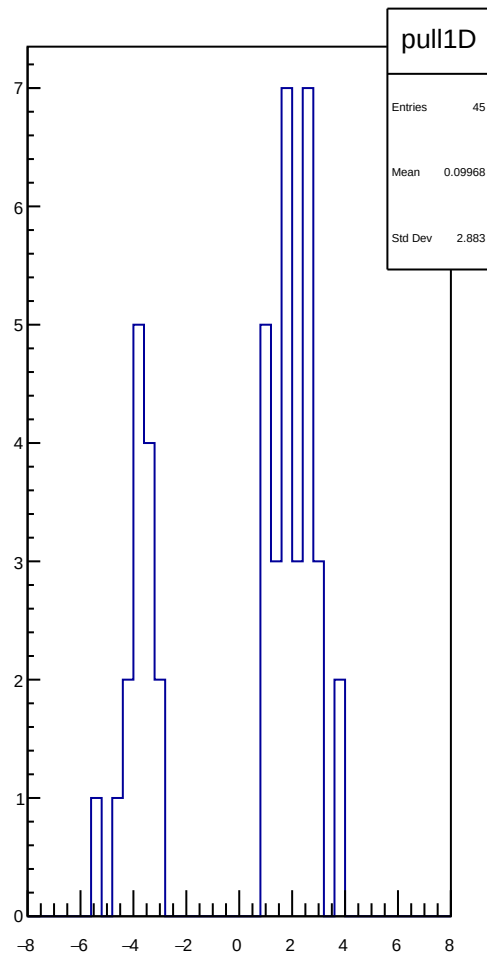
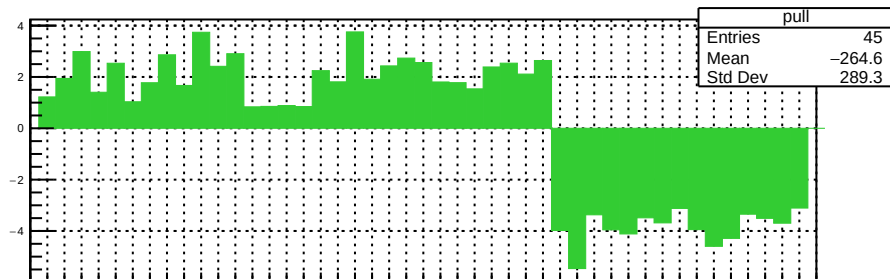
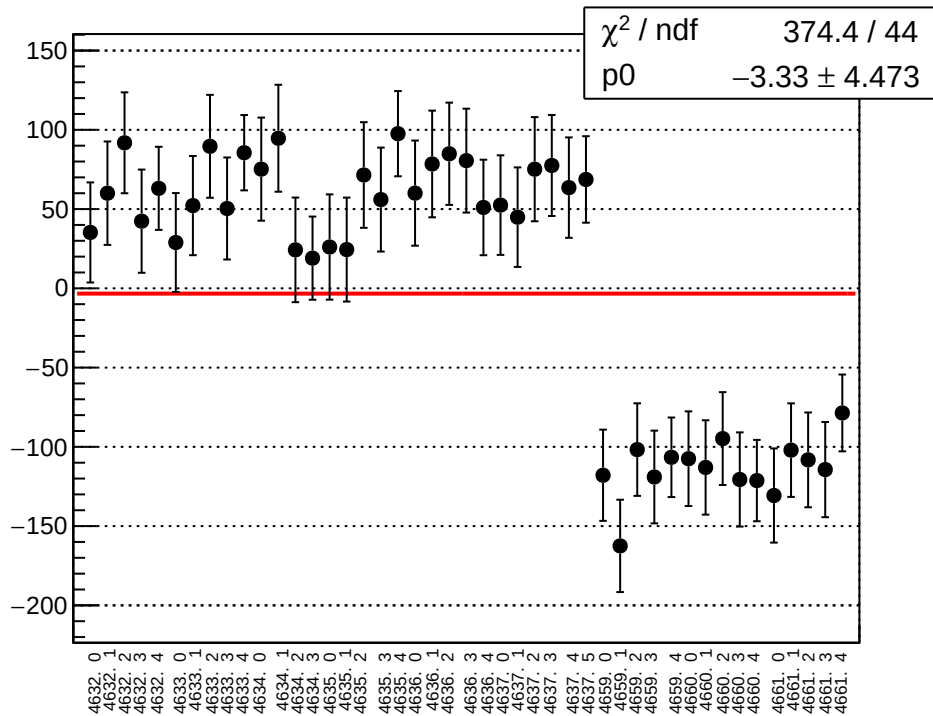
reg_asym_sam_37_dd_diff_bpm11X_slope vs run



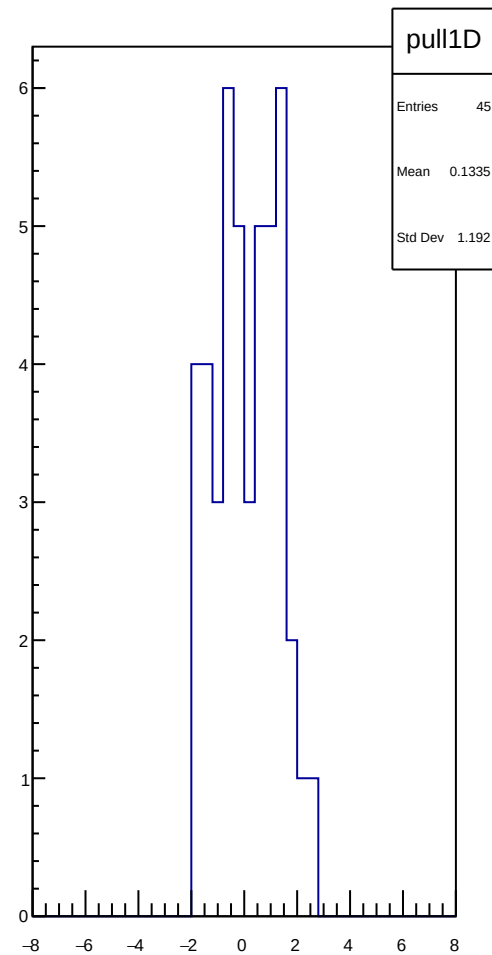
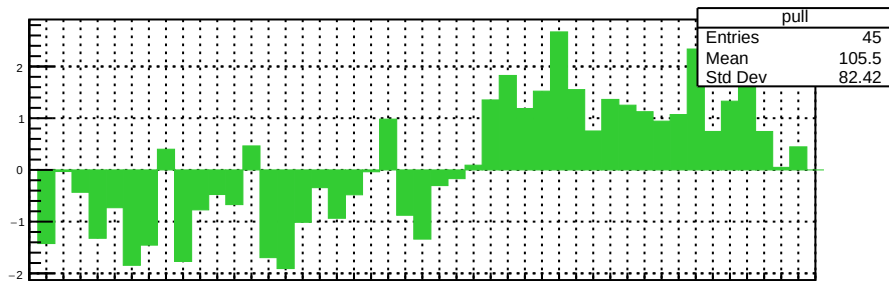
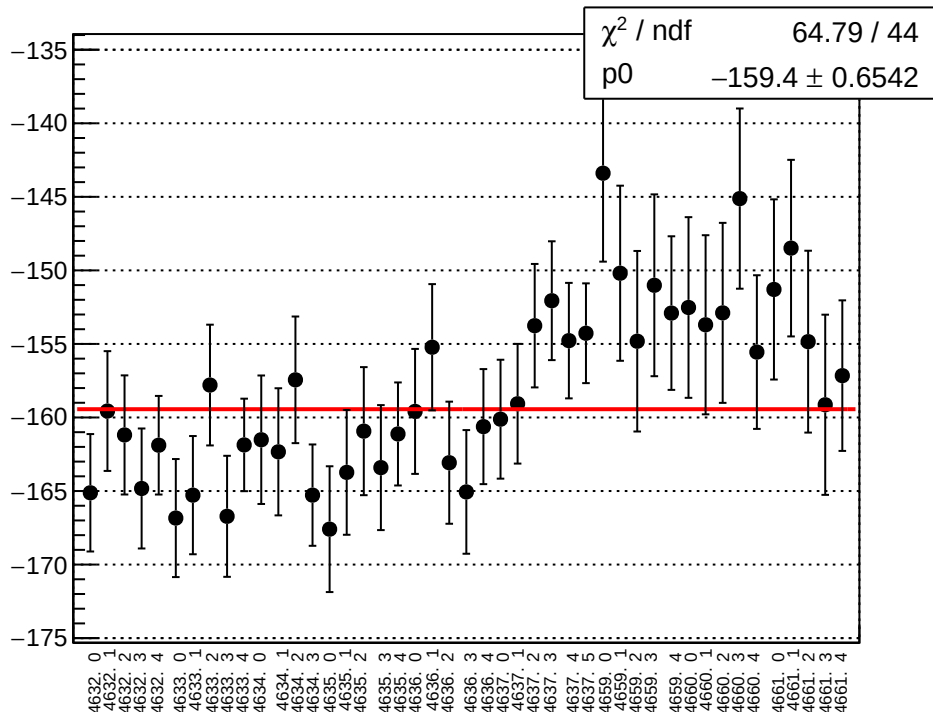
reg_asym_sam_26_avg_diff_bpm4aX_slope vs run



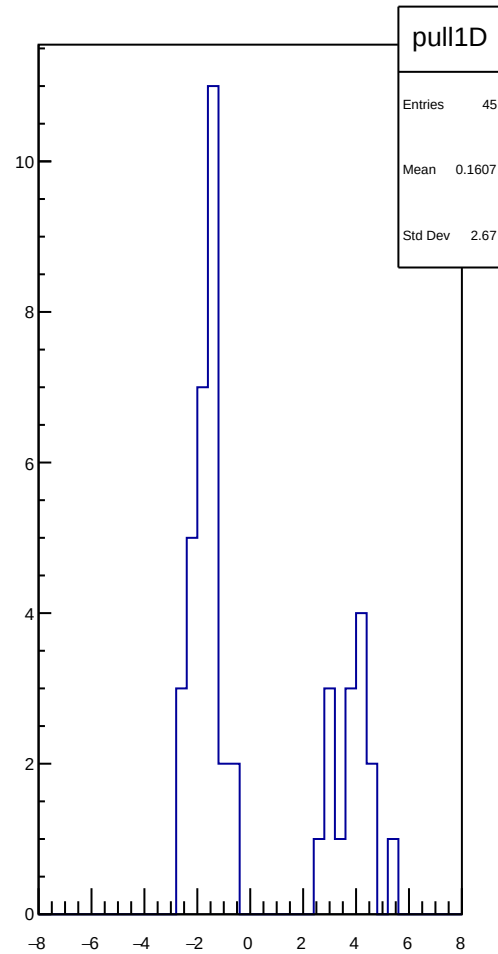
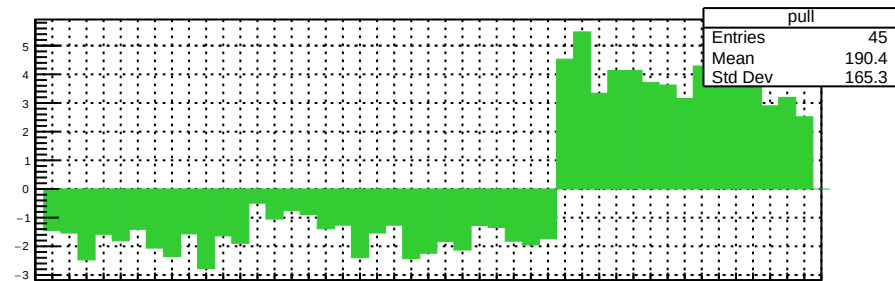
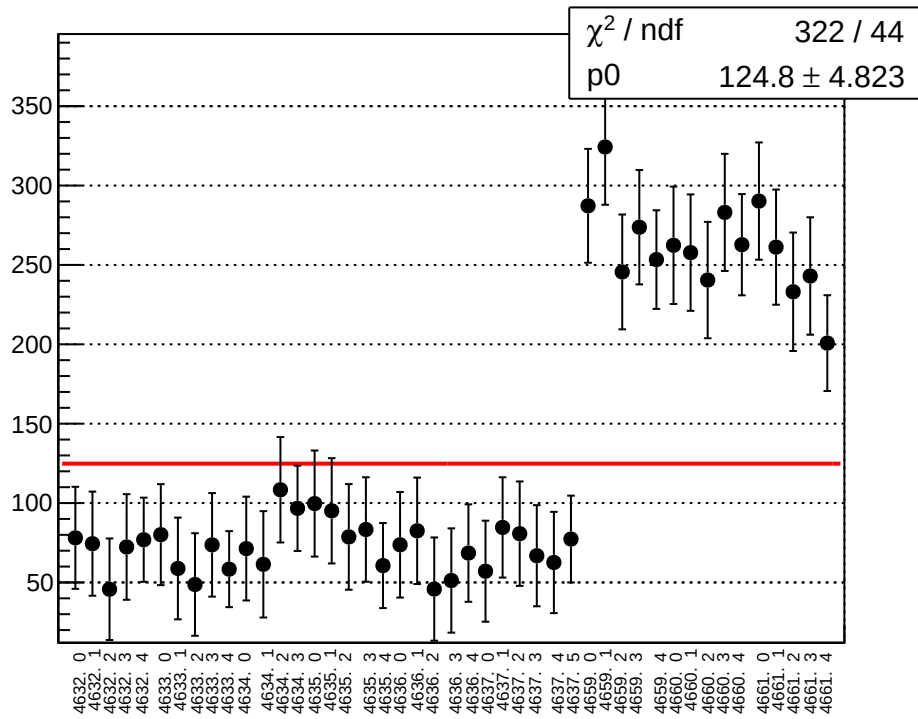
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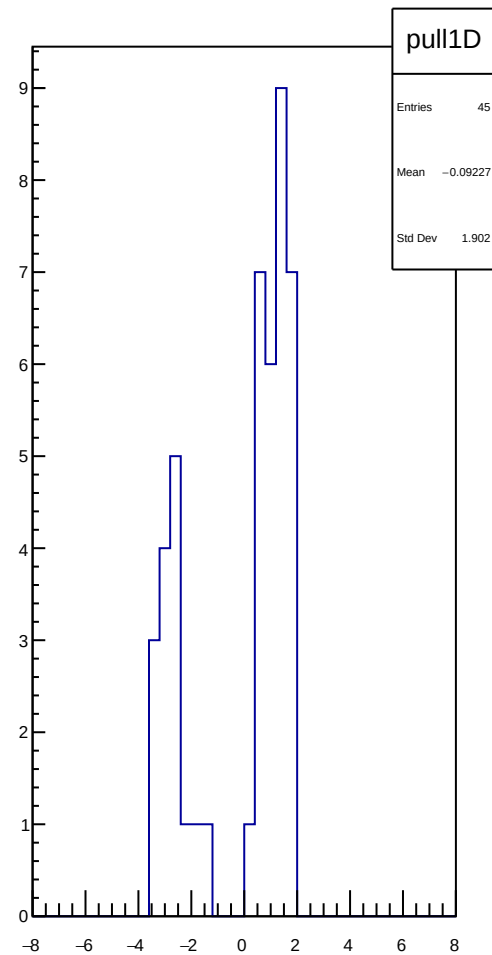
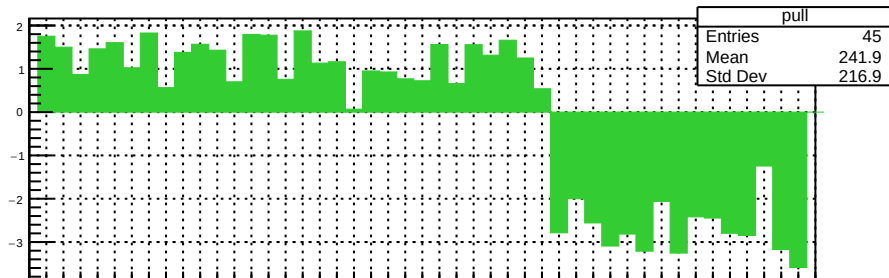
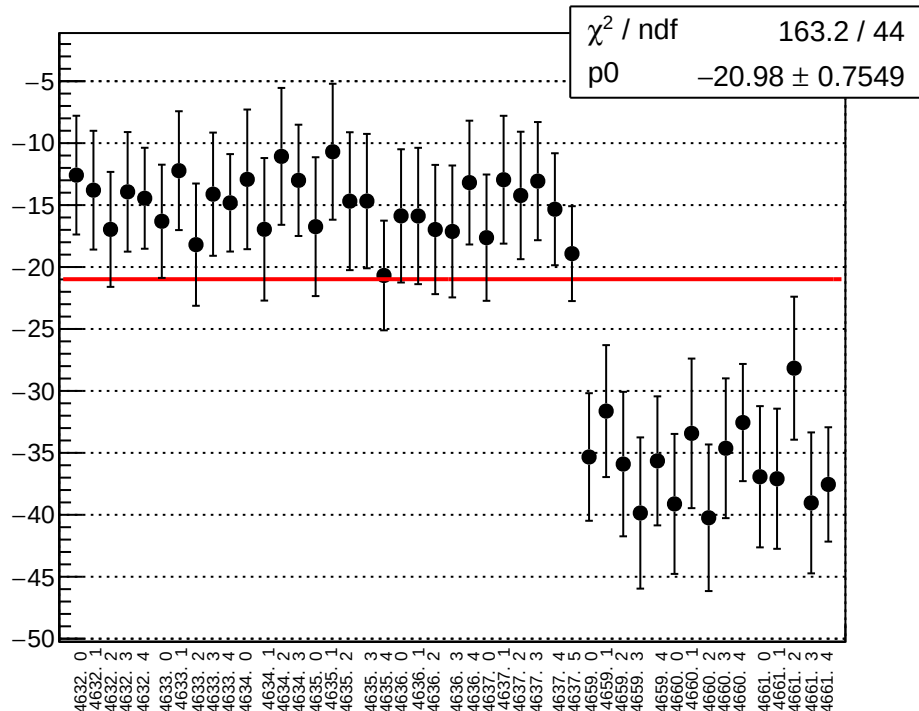
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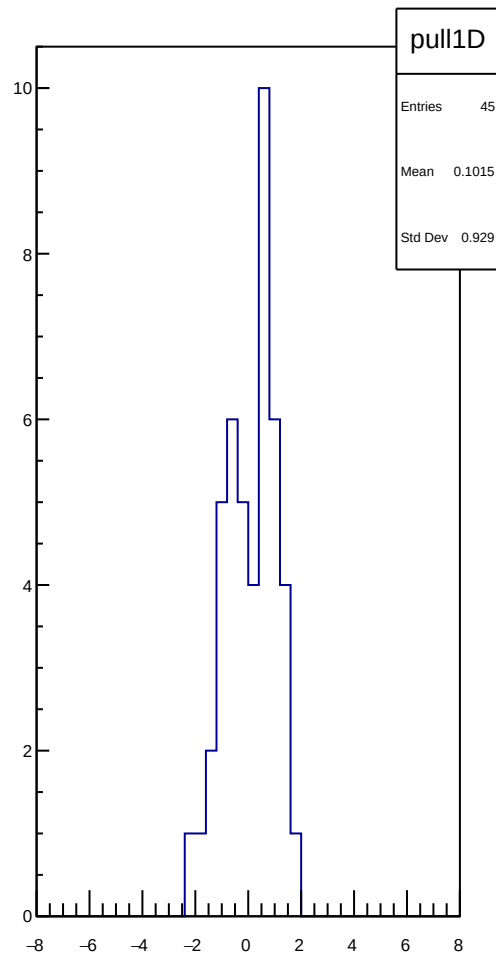
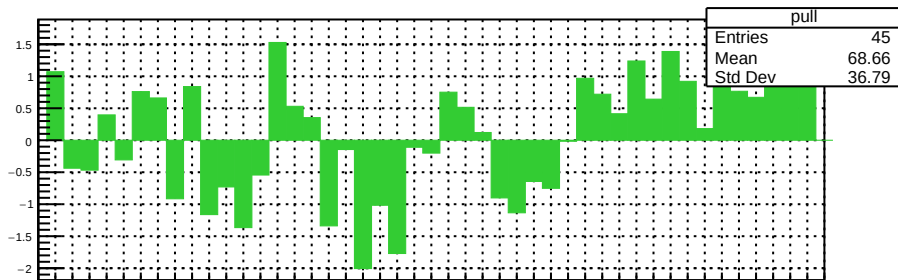
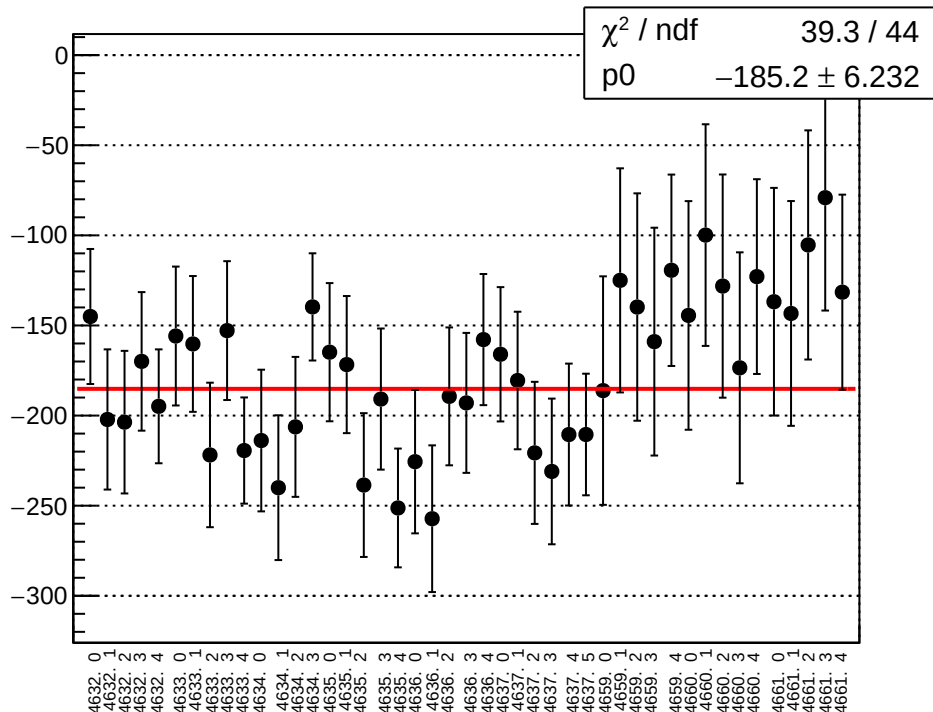
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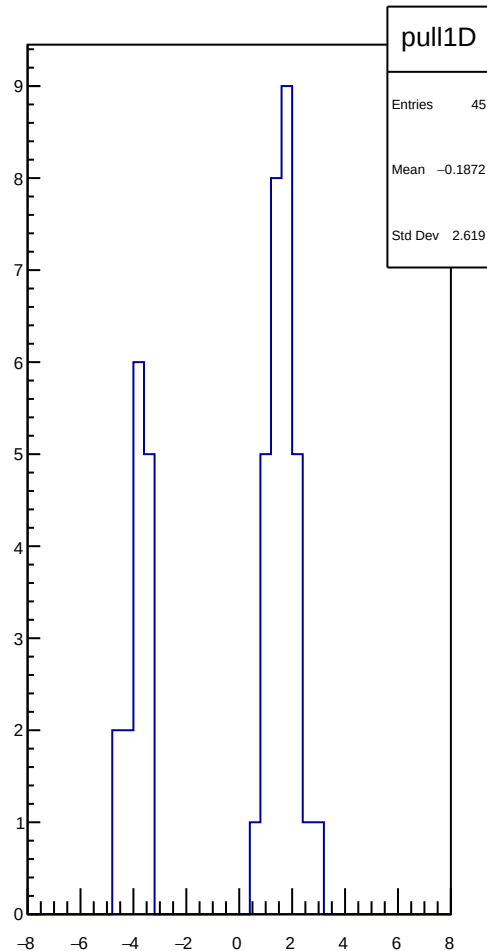
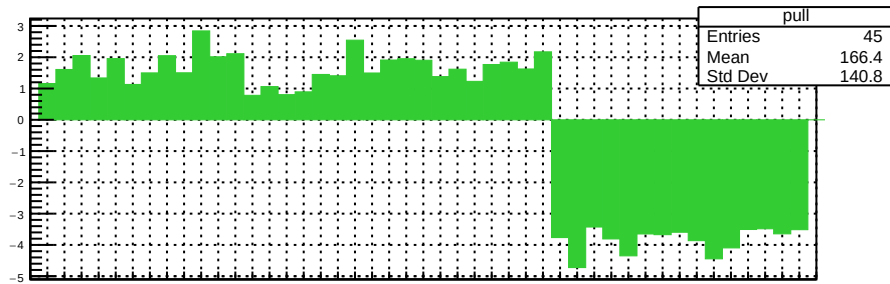
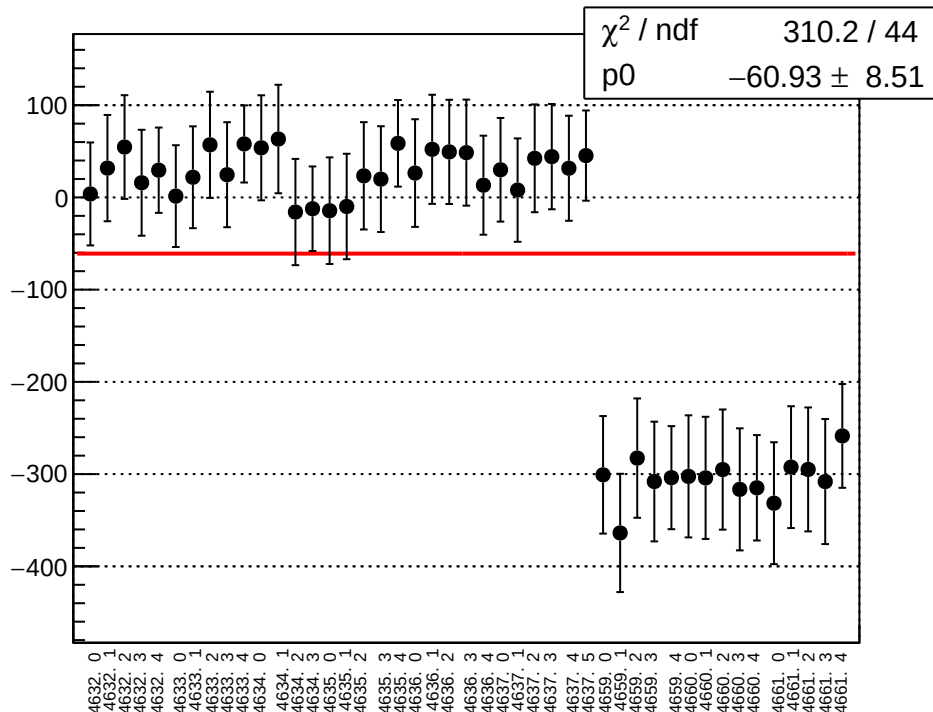
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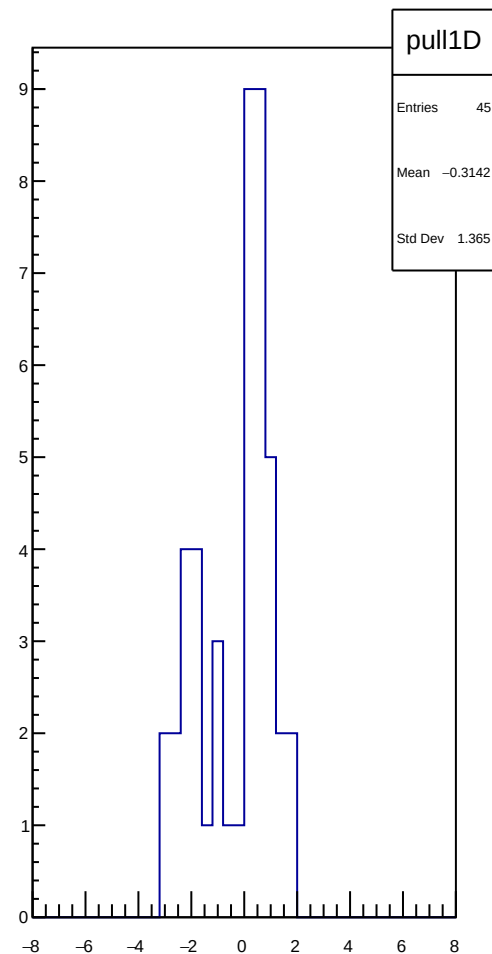
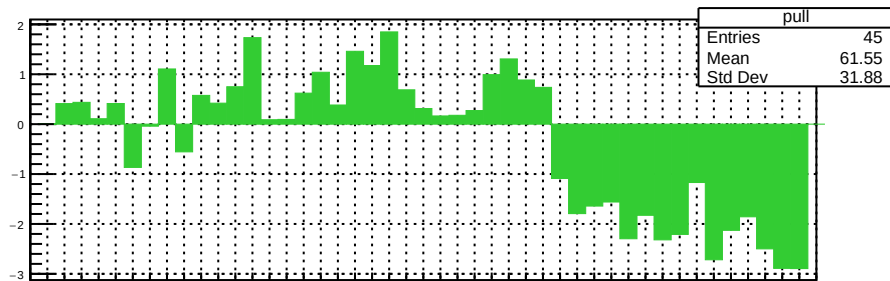
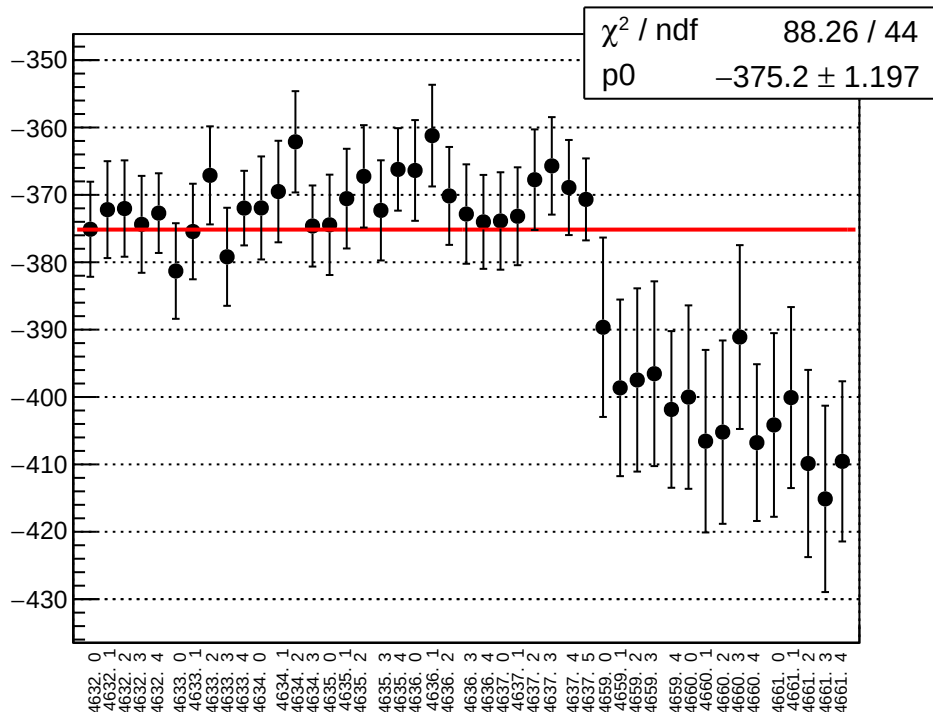
reg_asym_sam_26_dd_diff_bpm4aX_slope vs run



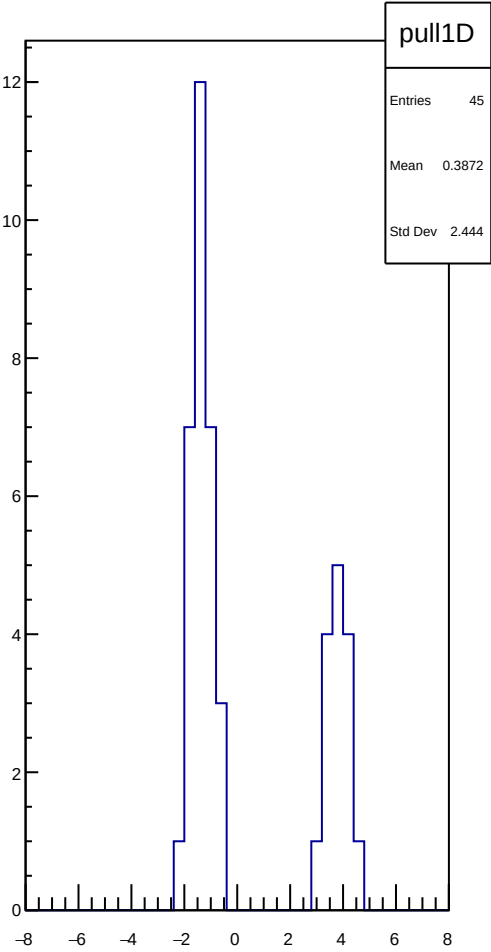
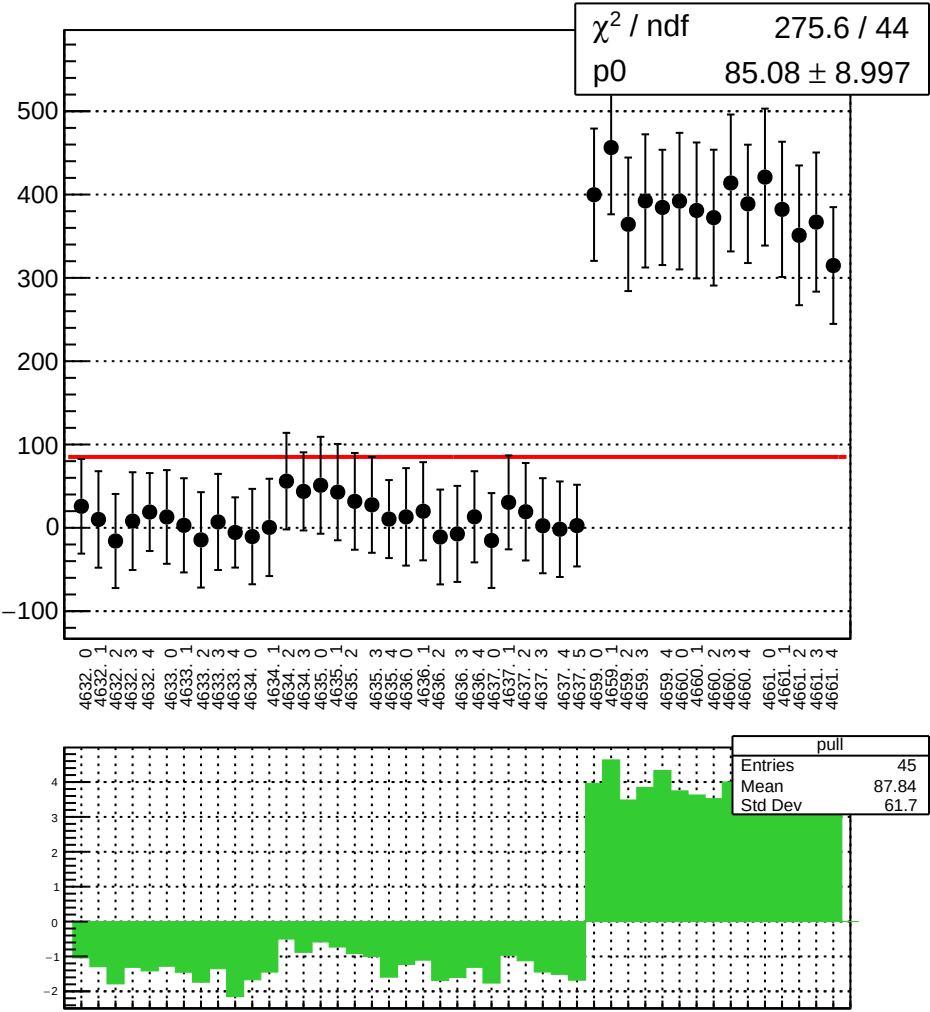
reg_asym_sam_26_dd_diff_bpm4aY_slope vs run



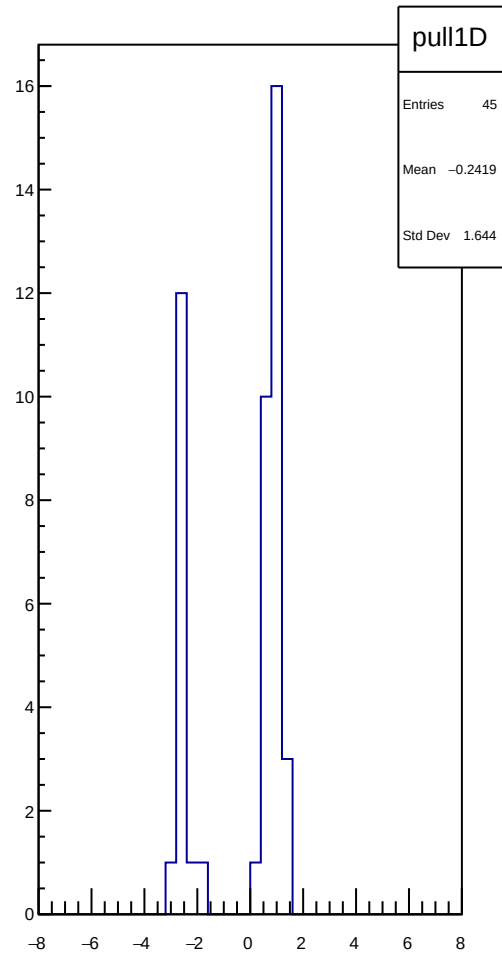
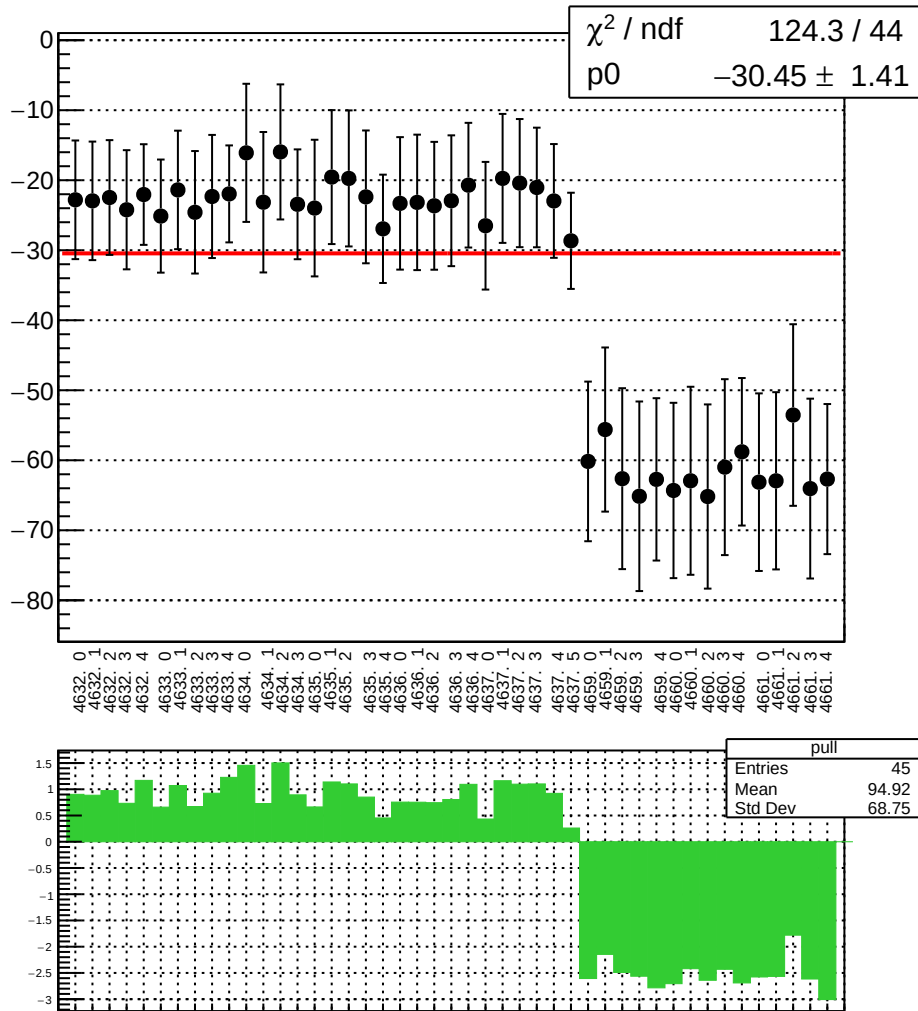
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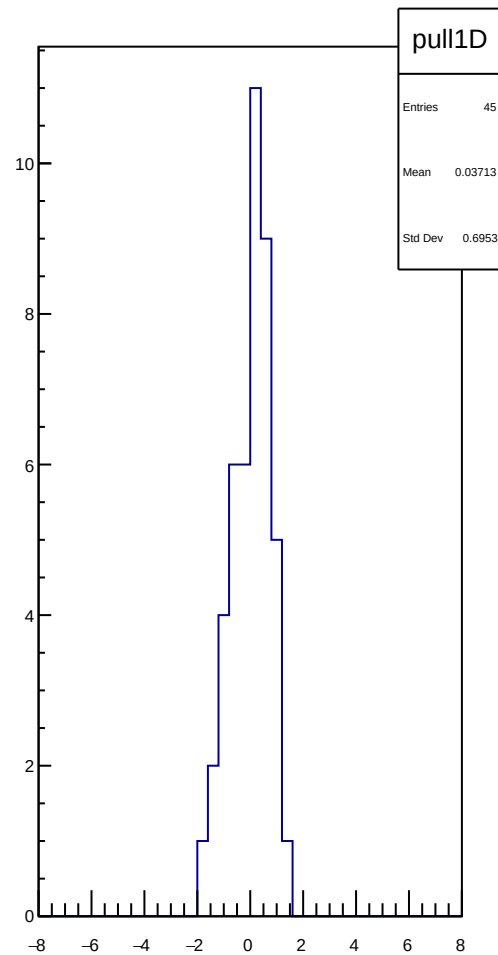
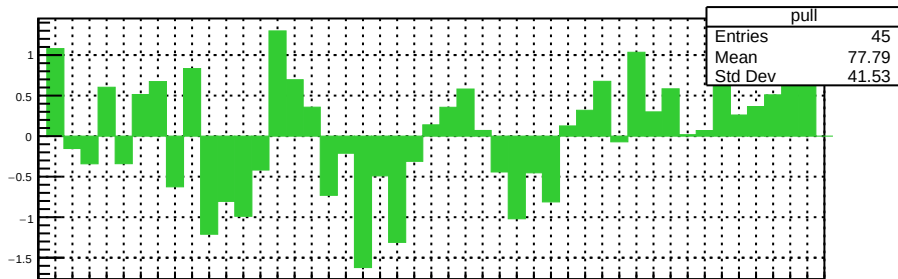
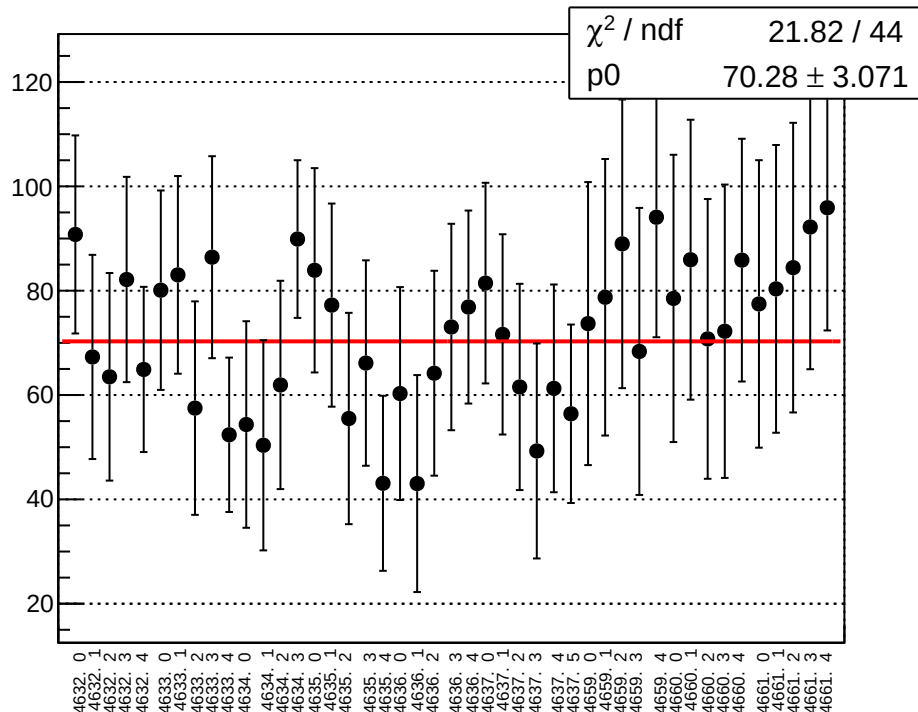
reg_asym_sam_26_dd_diff_bpm4eY_slope vs run



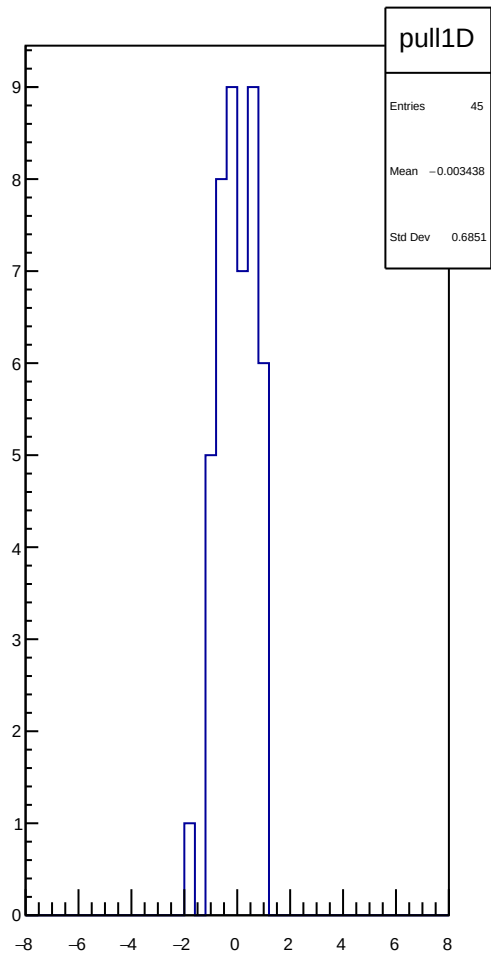
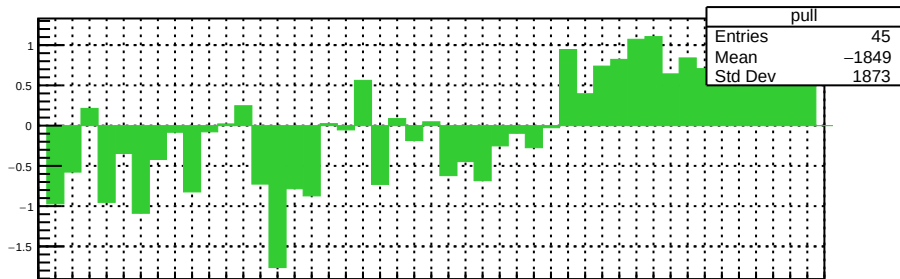
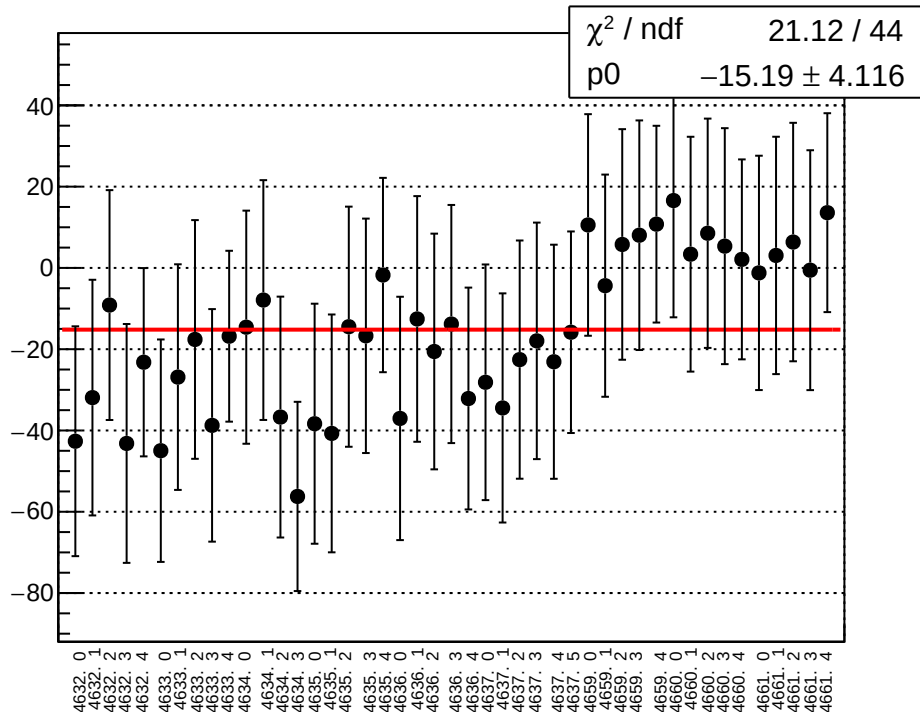
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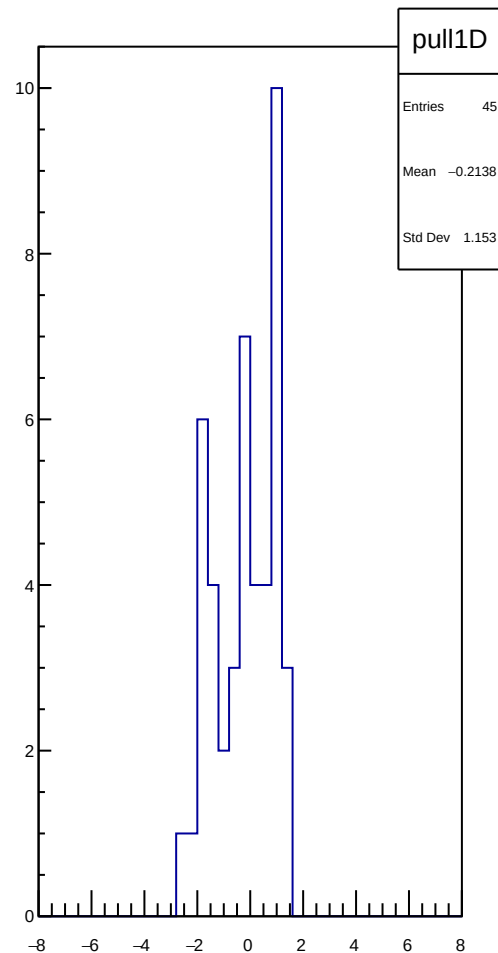
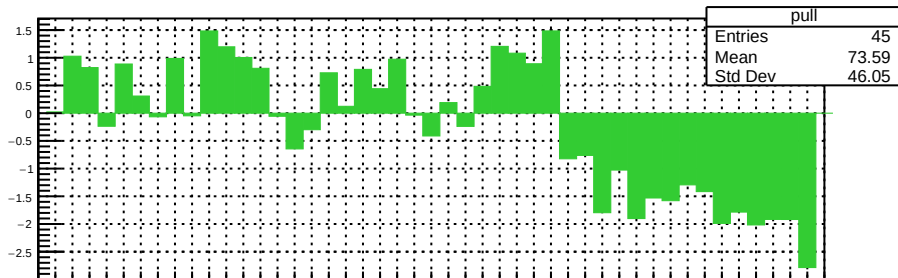
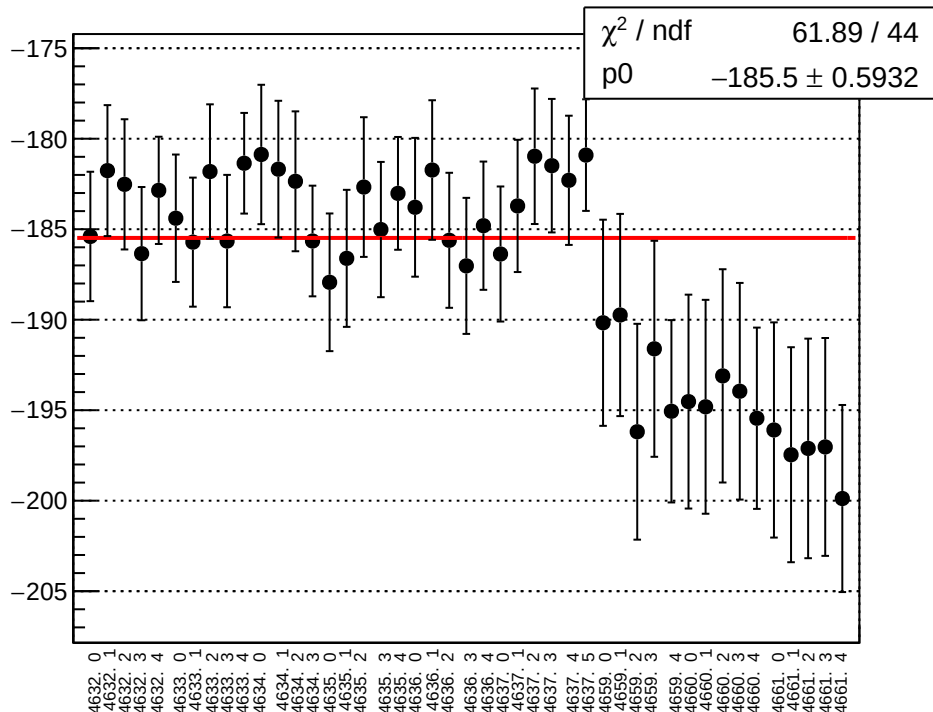
reg_asym_sam_48_avg_diff_bpm4aX_slope vs run



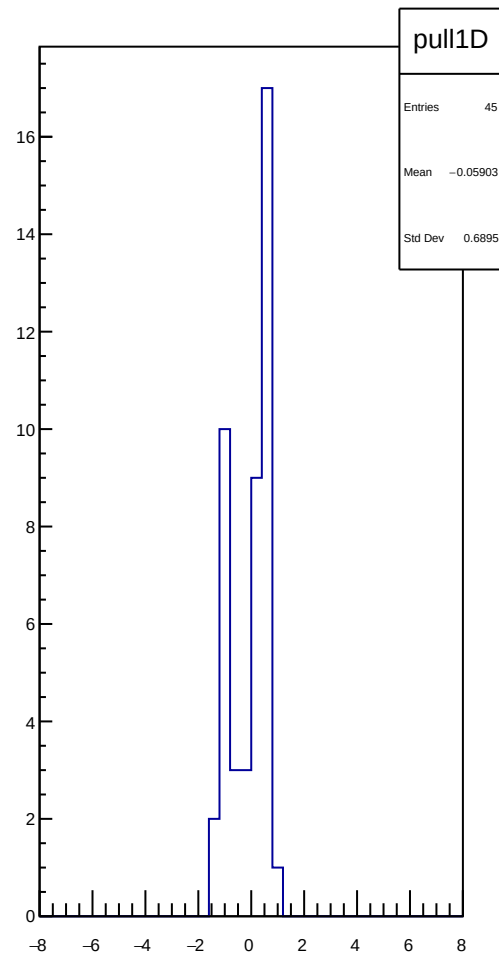
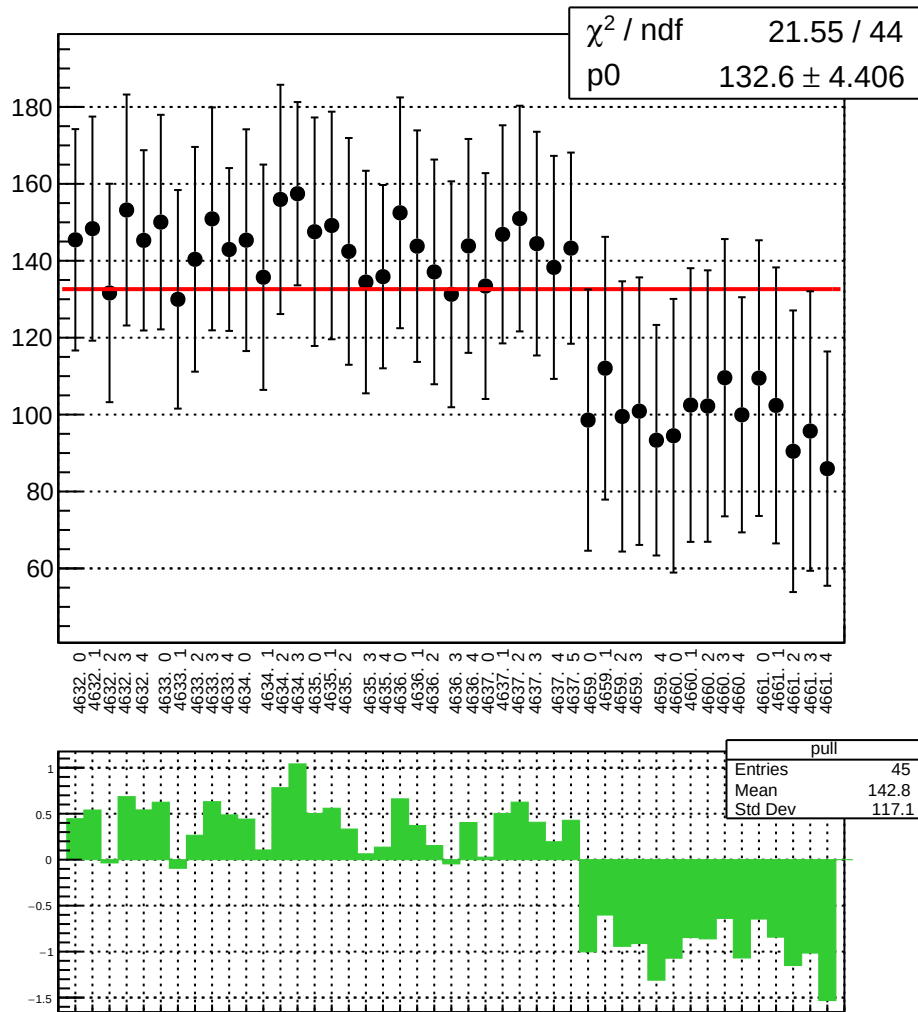
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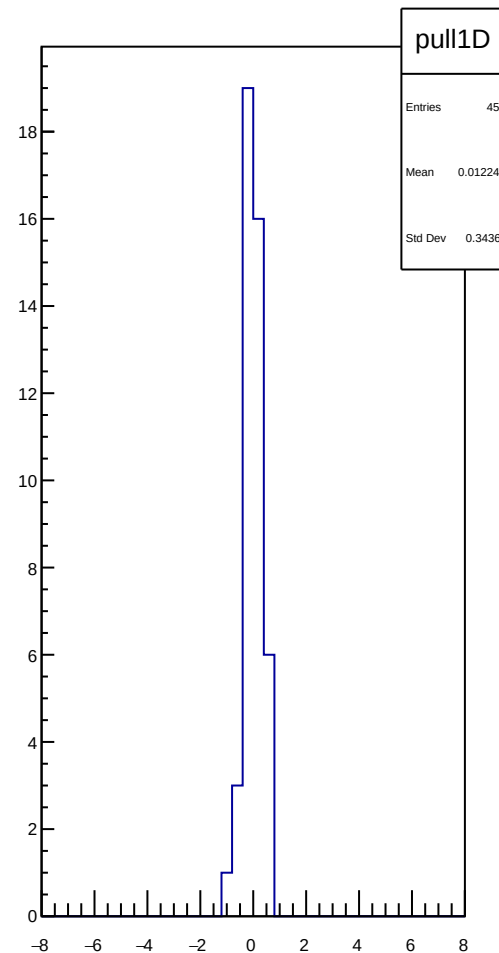
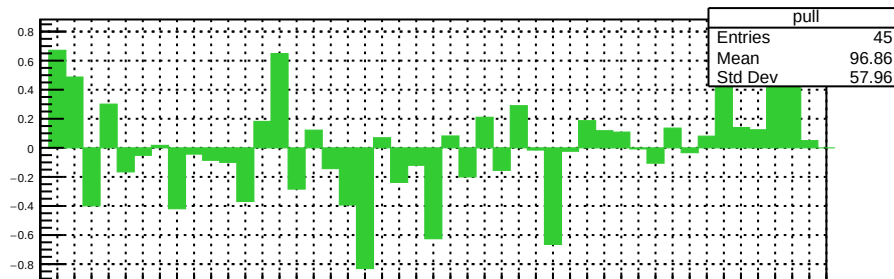
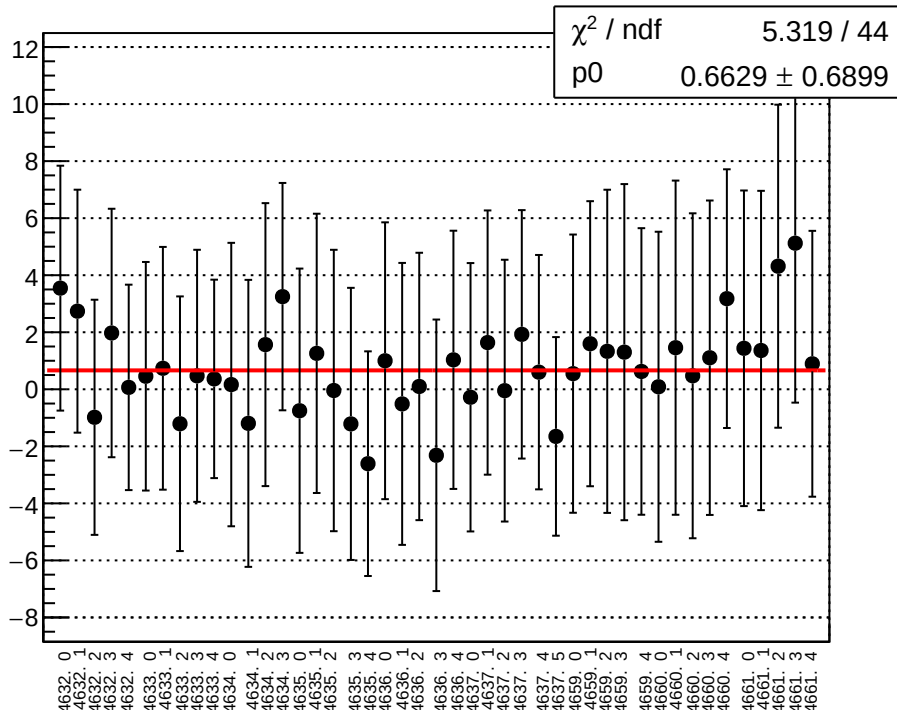
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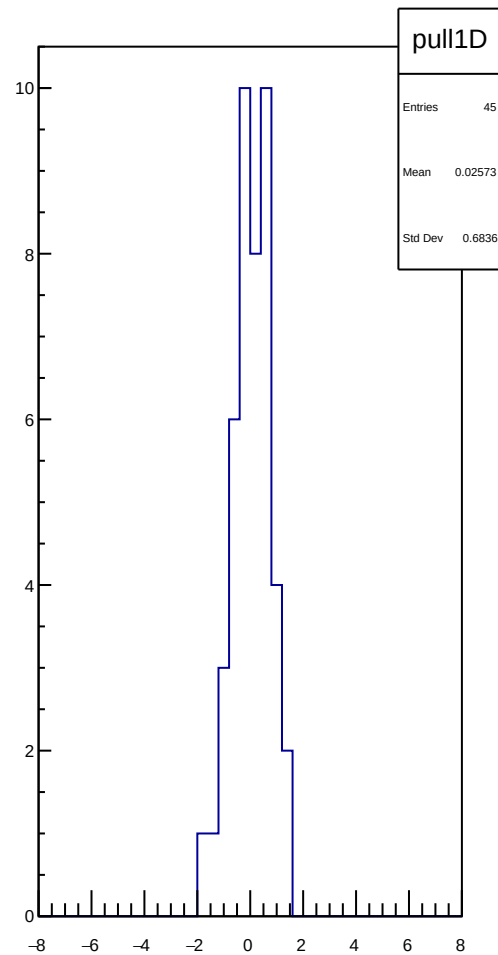
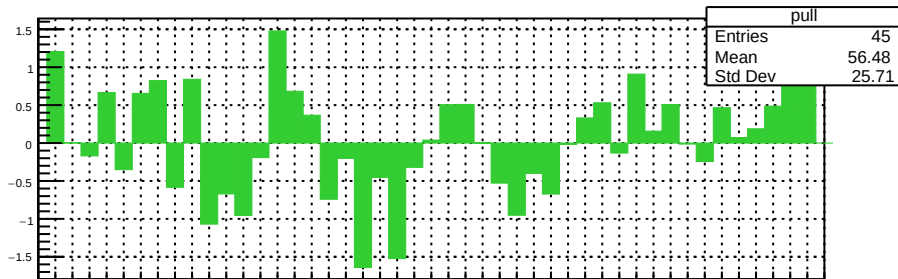
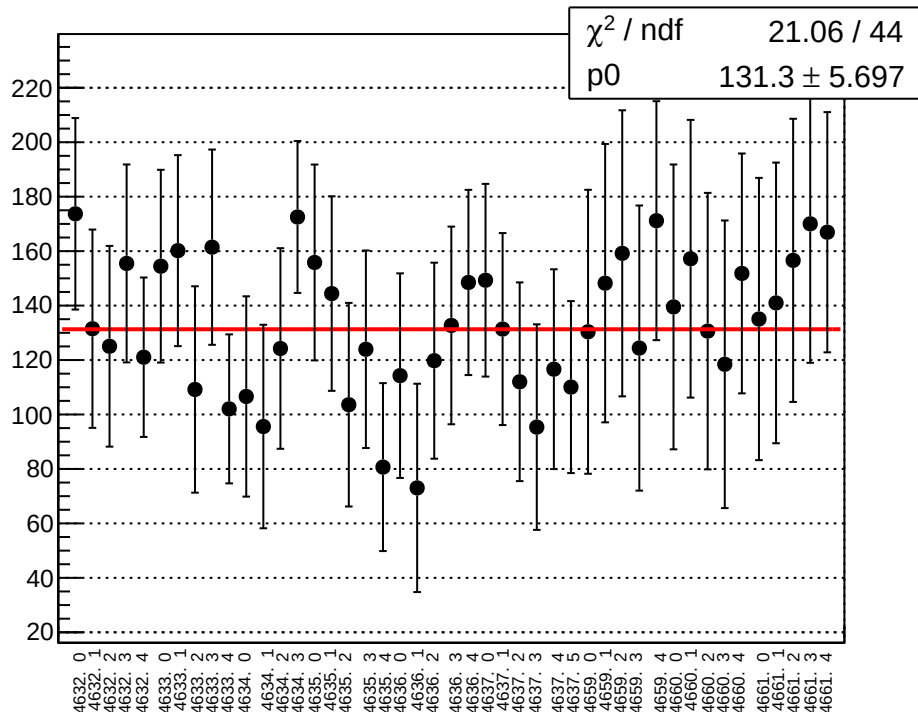
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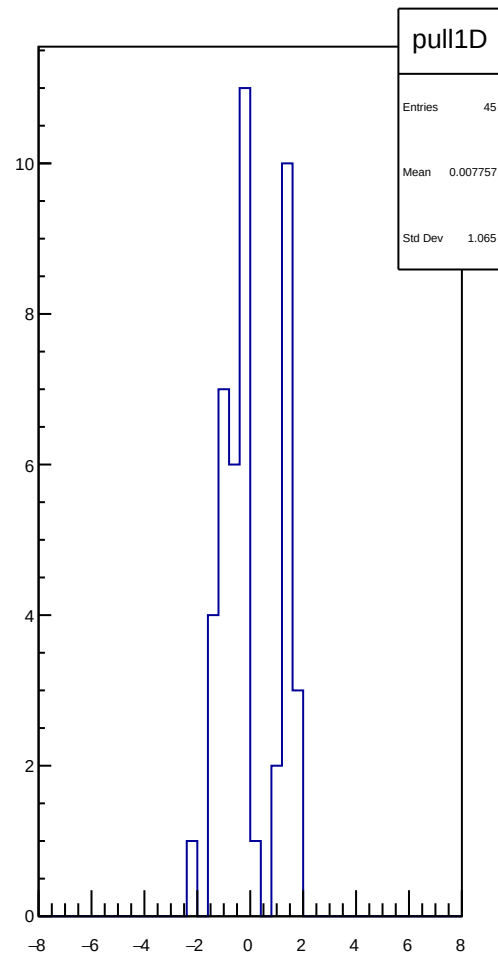
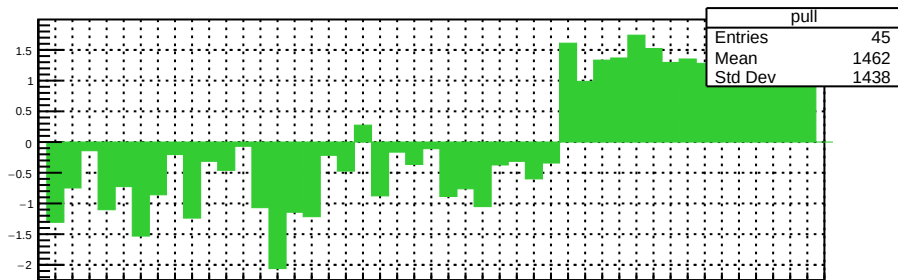
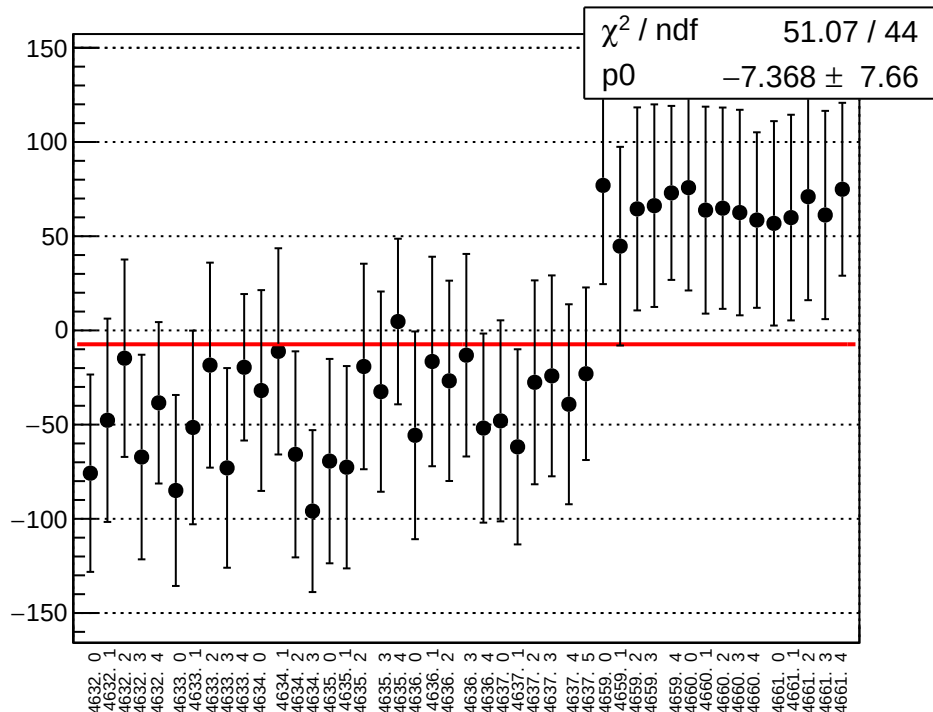
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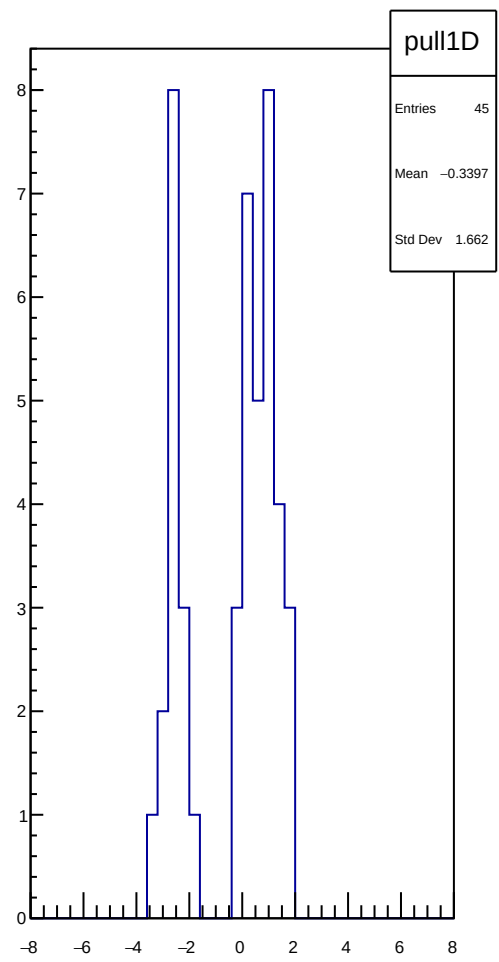
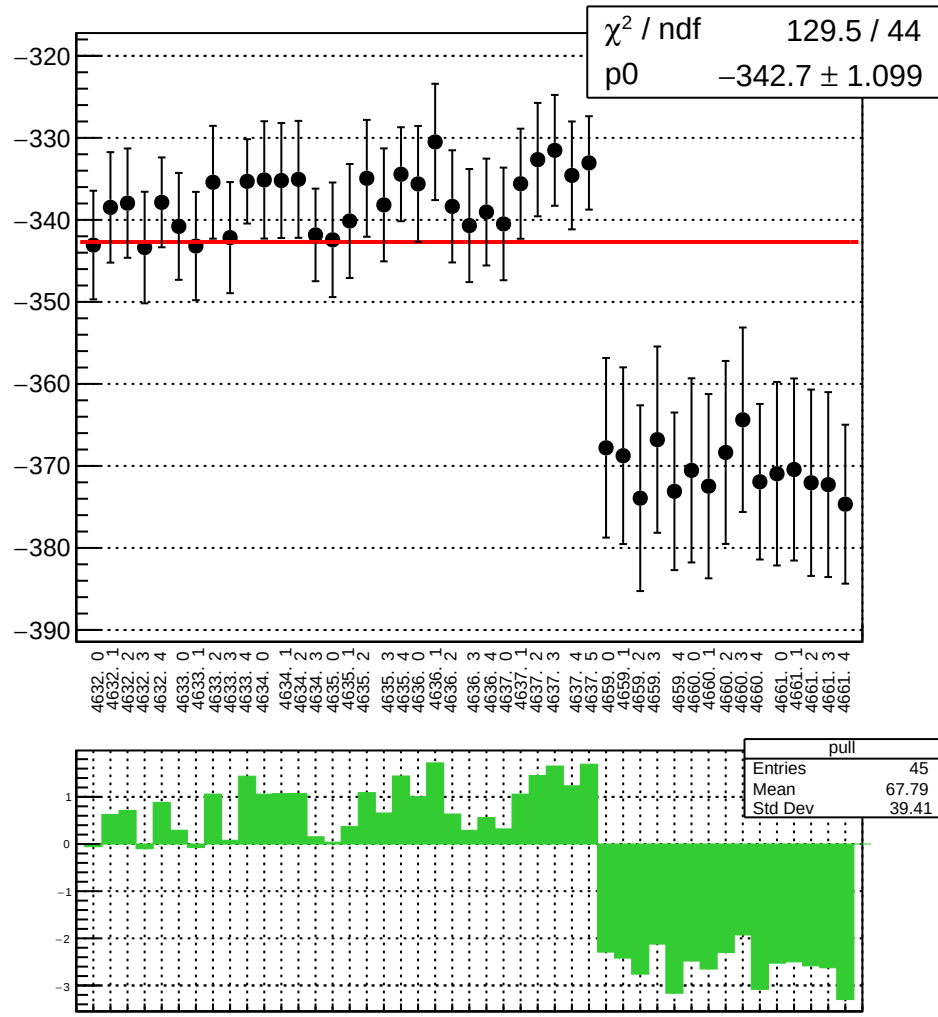
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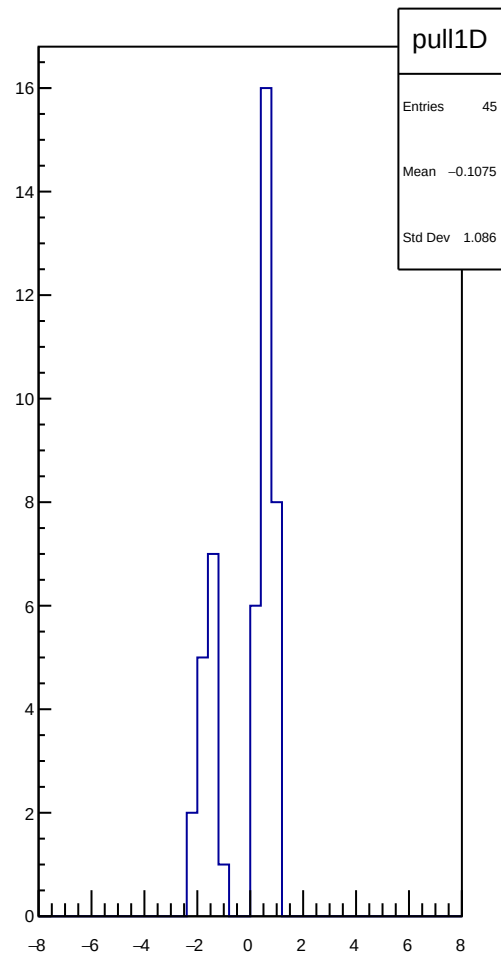
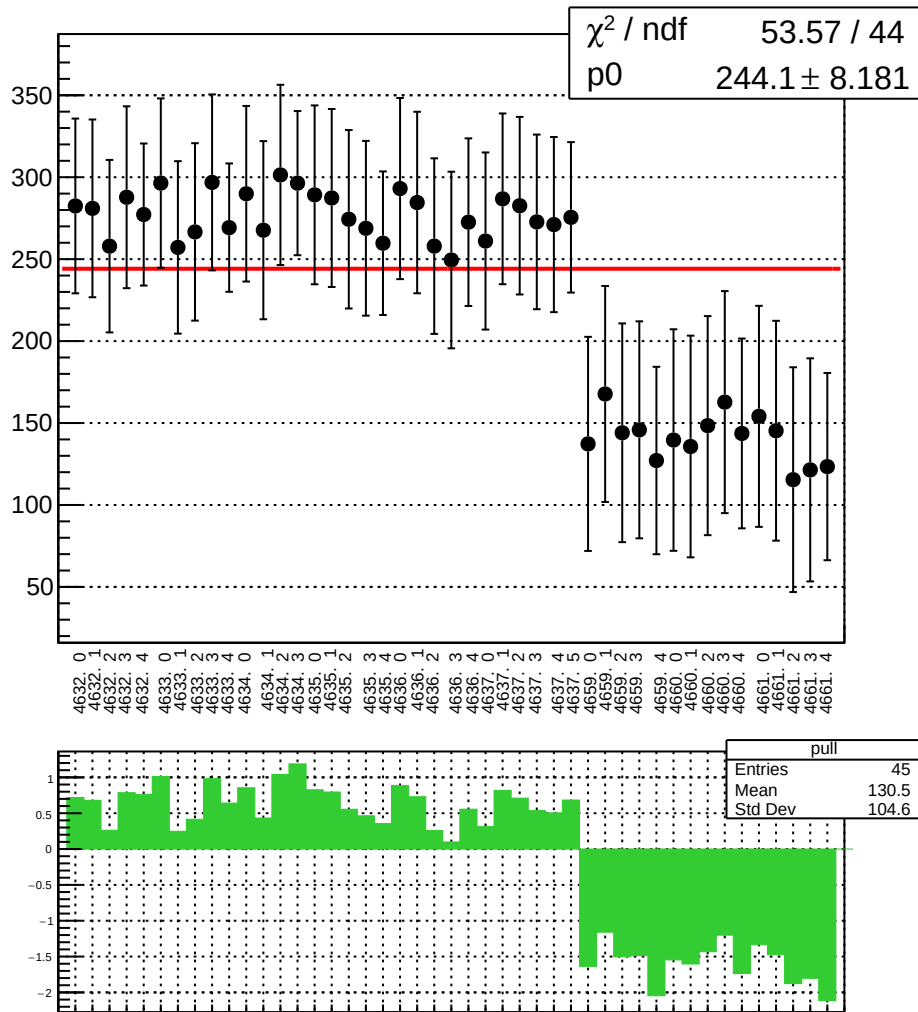
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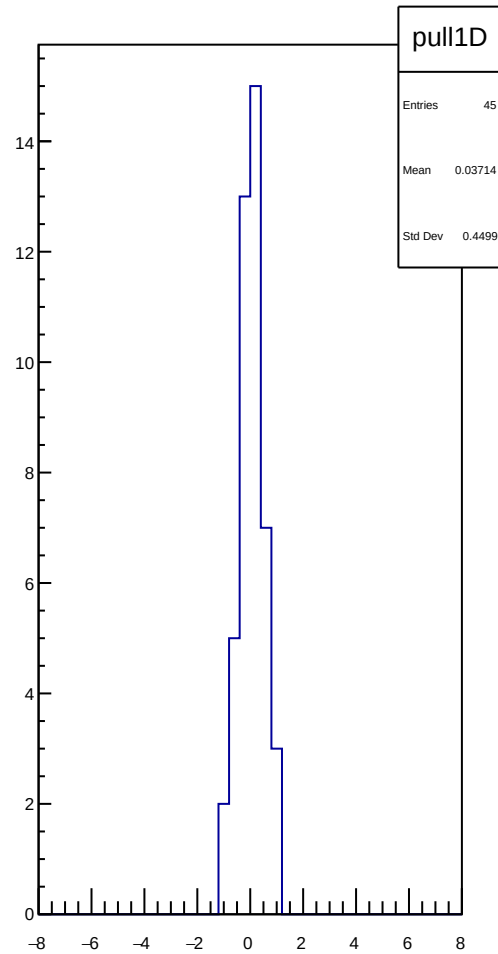
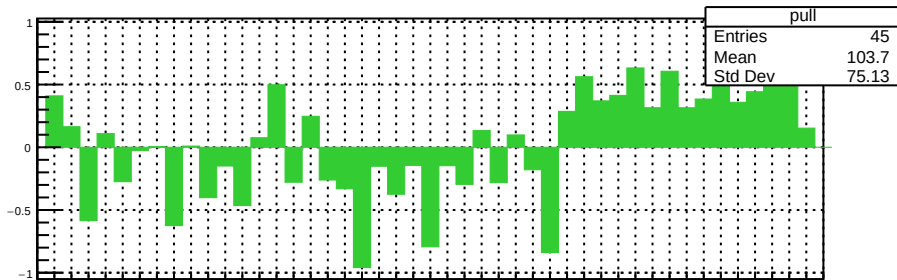
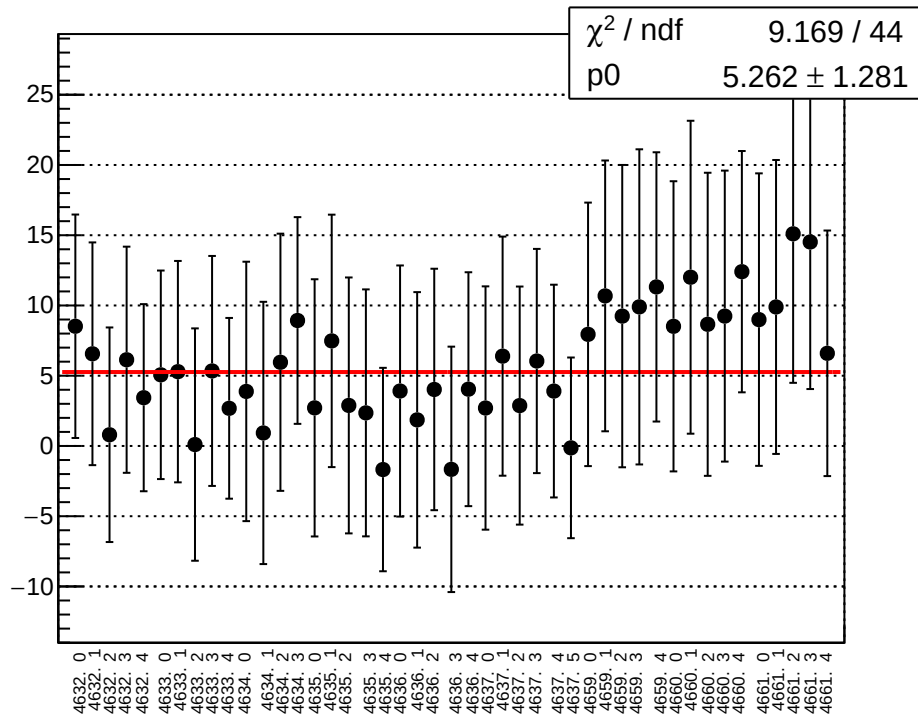
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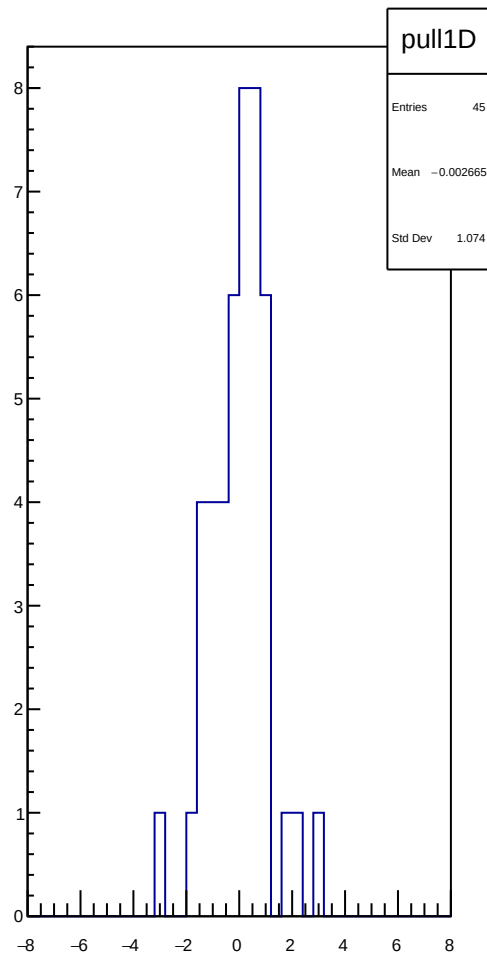
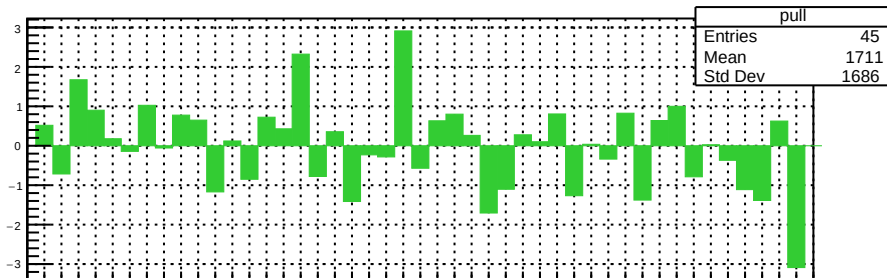
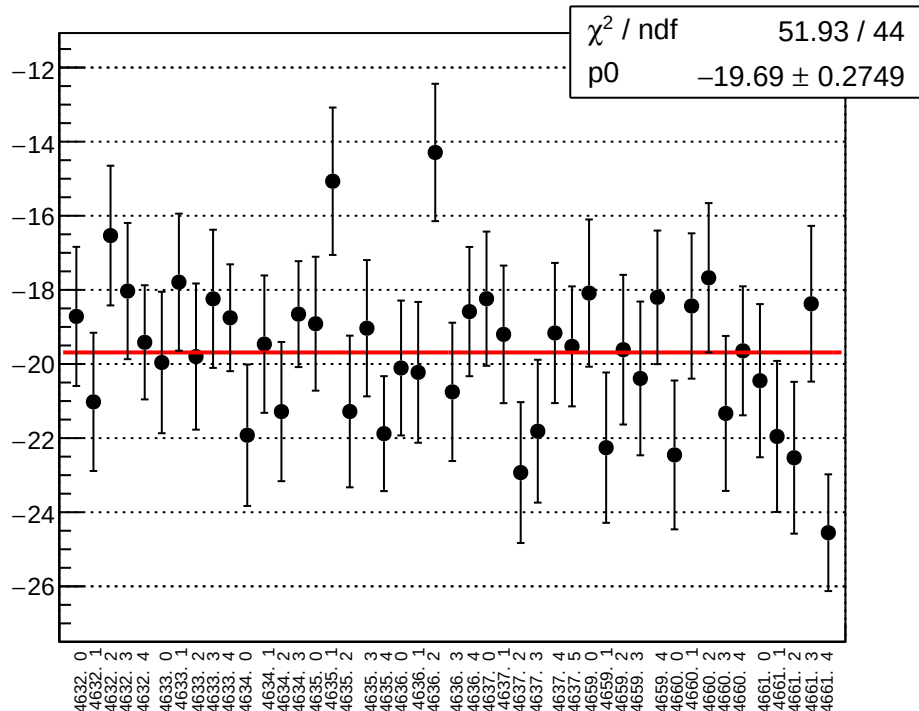
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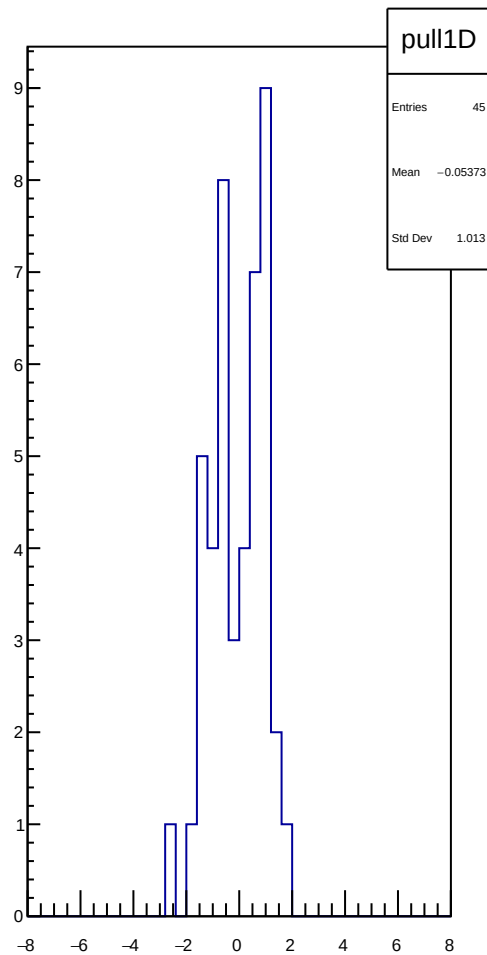
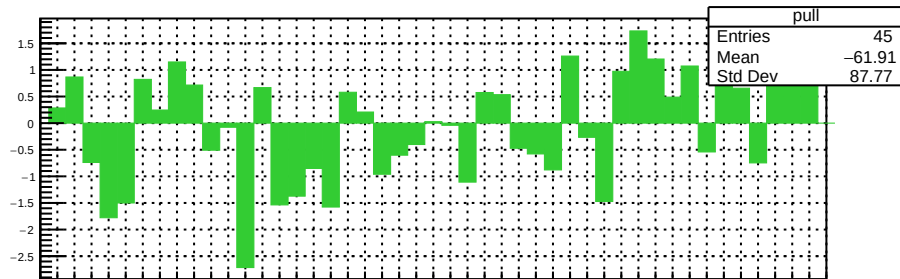
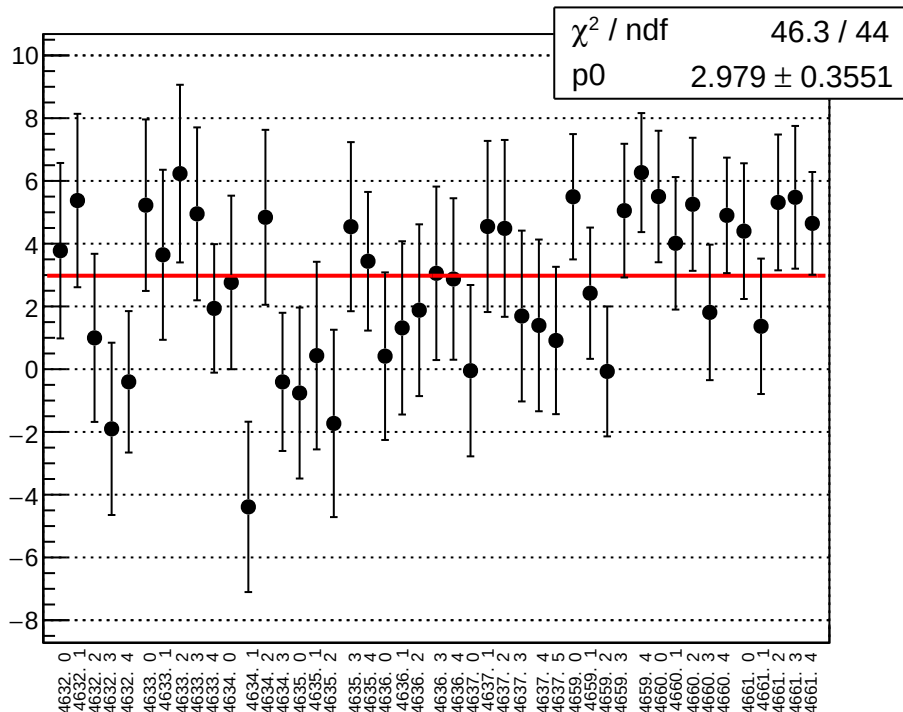
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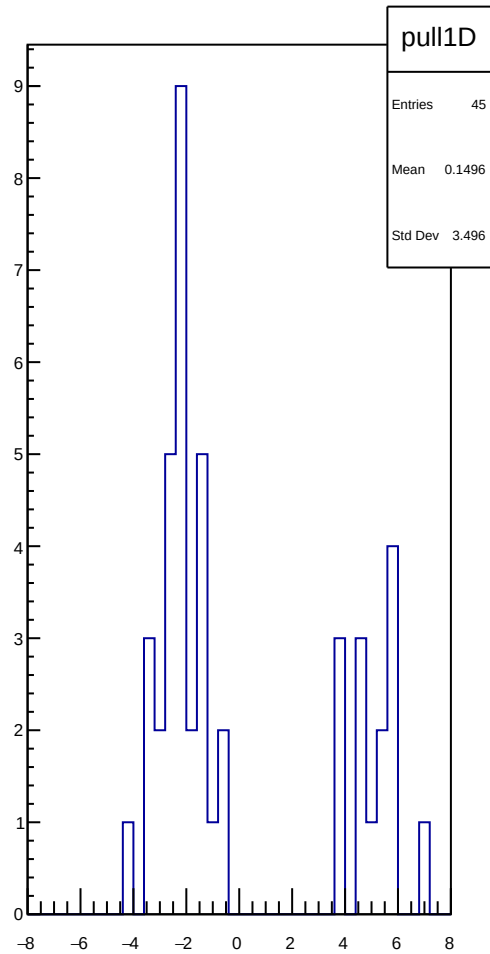
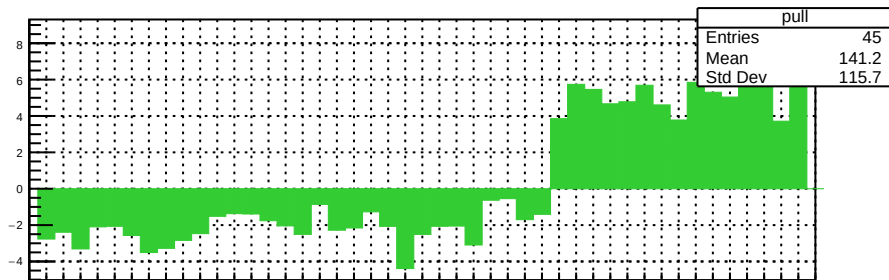
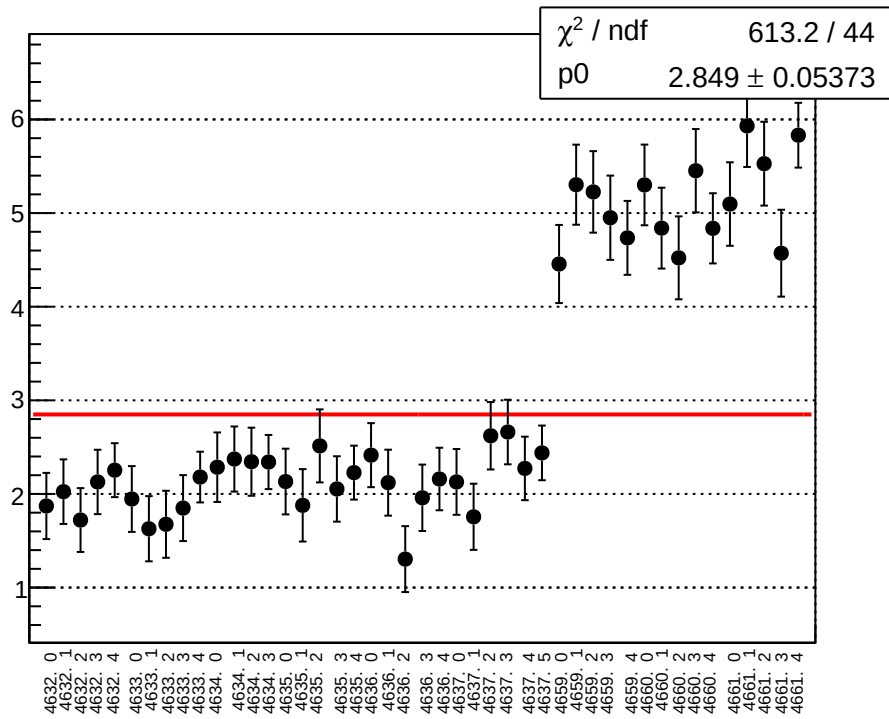
reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs run



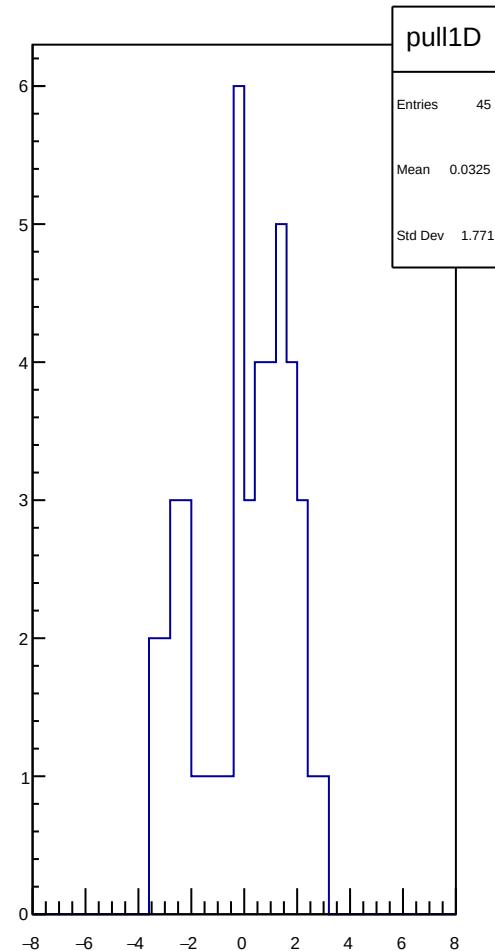
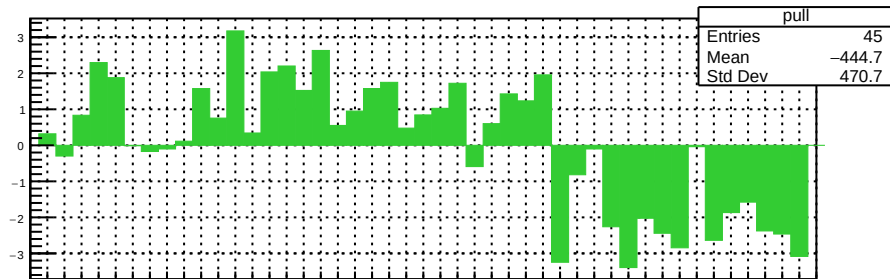
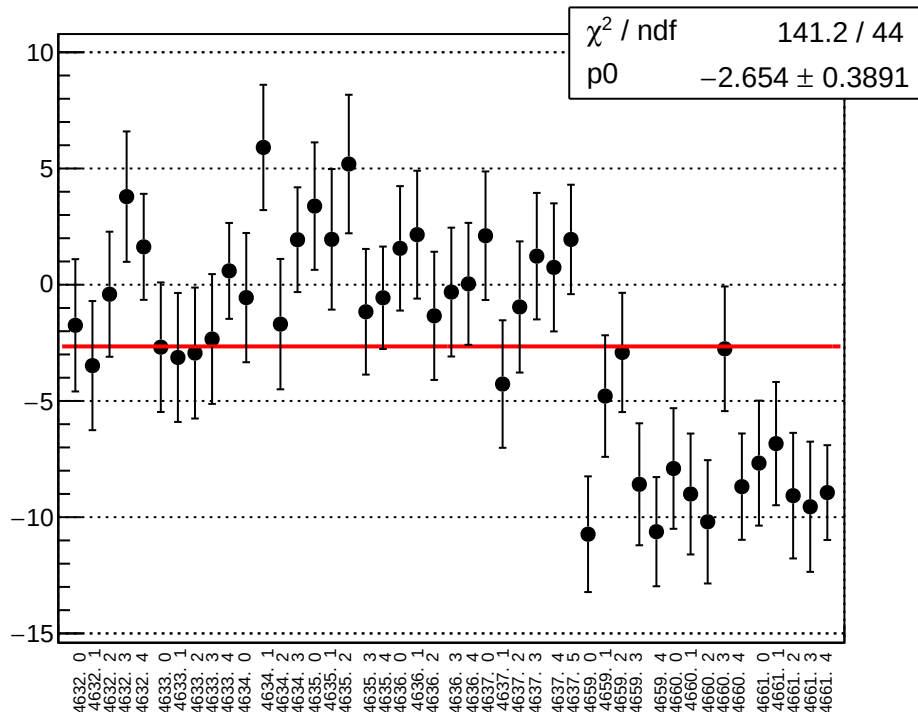
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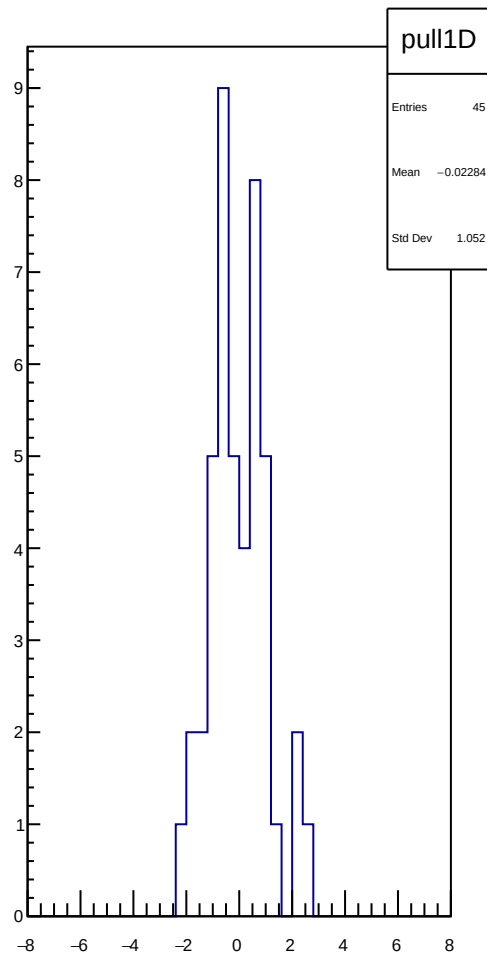
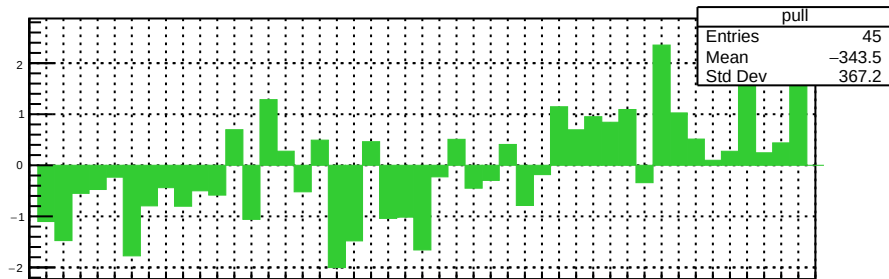
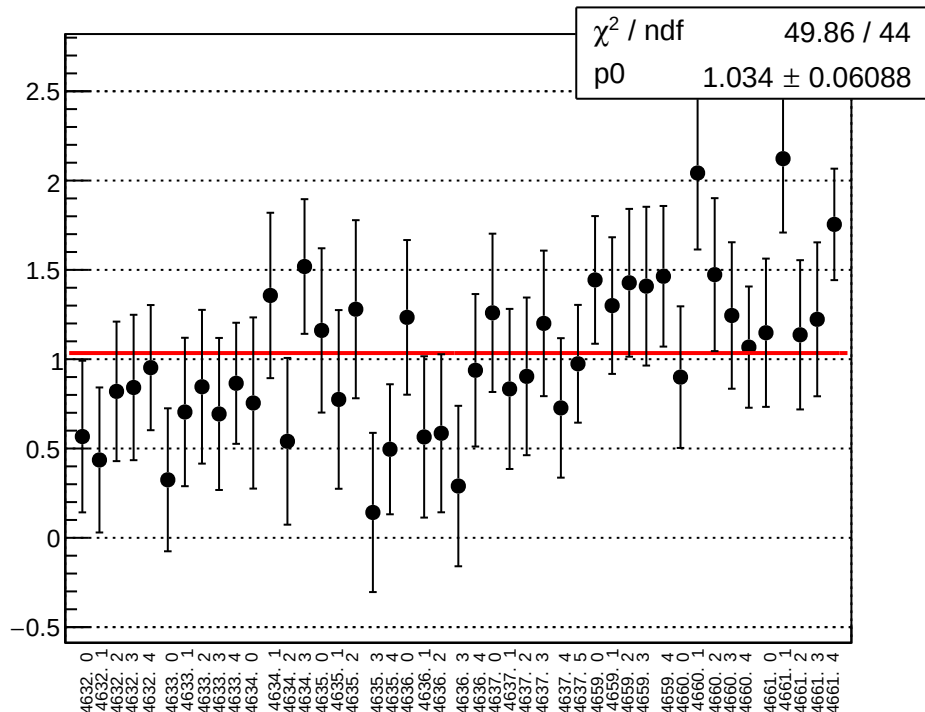
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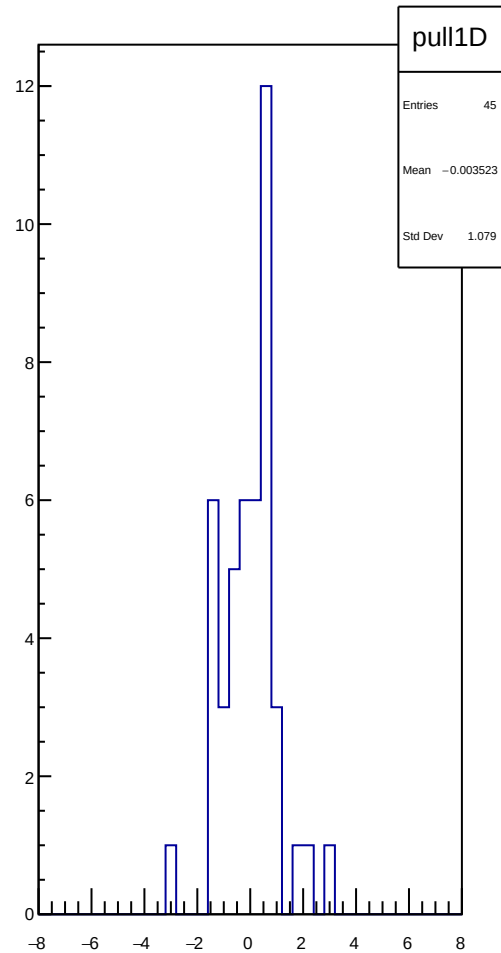
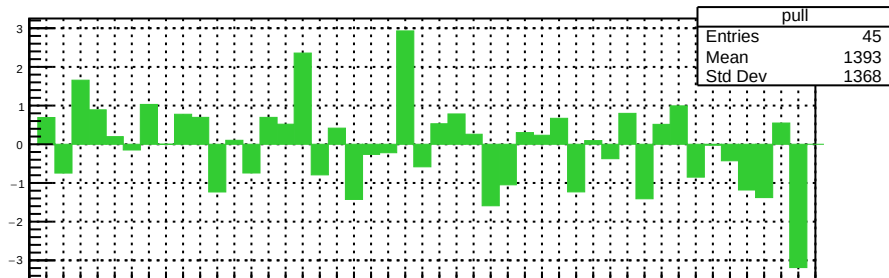
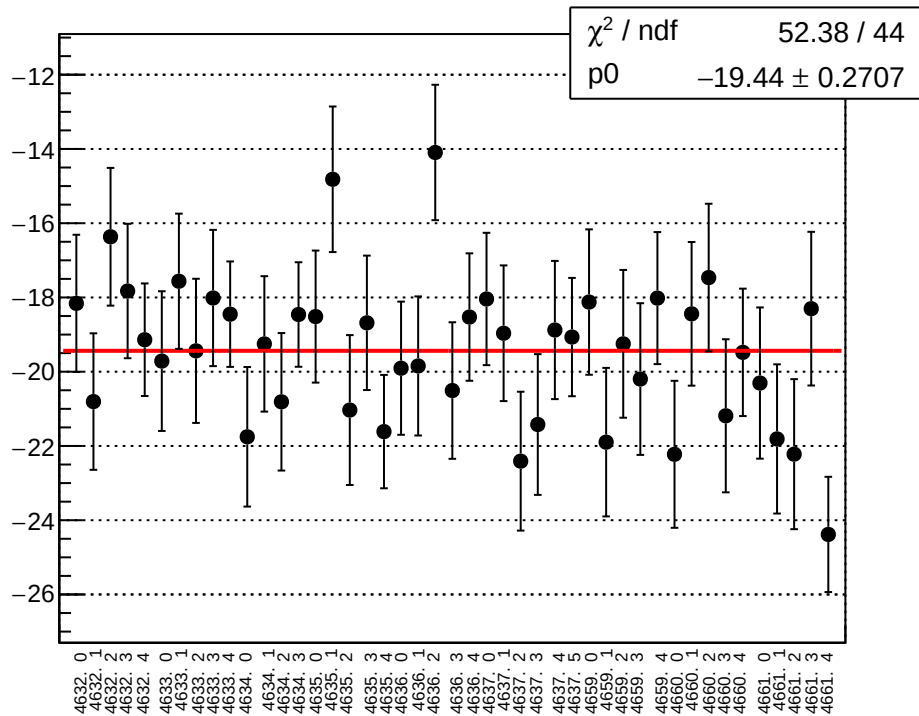
reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs run



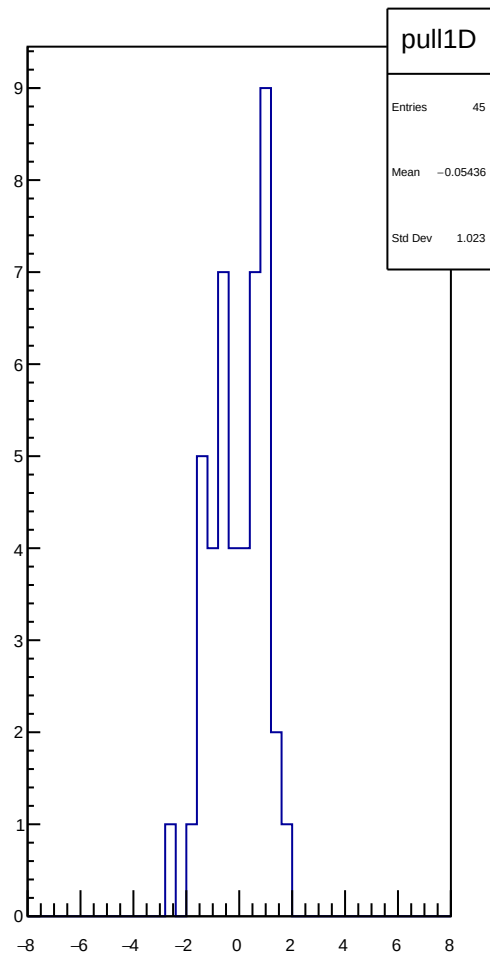
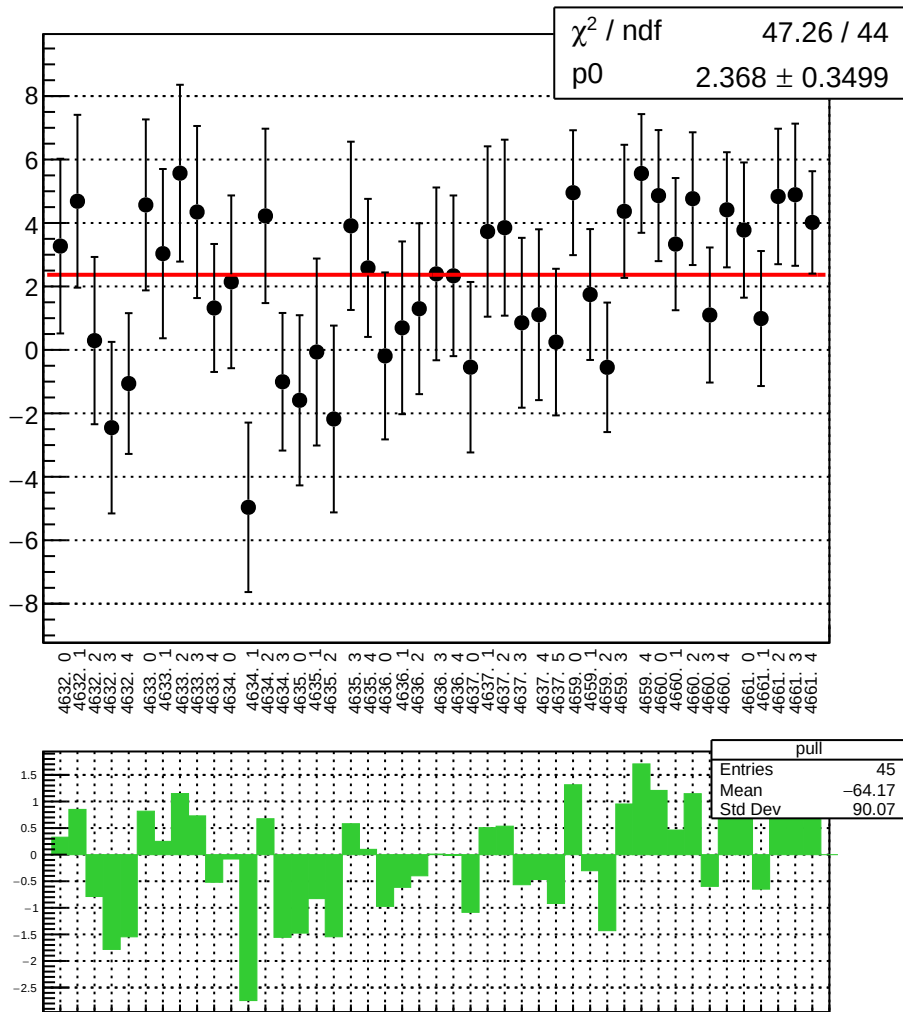
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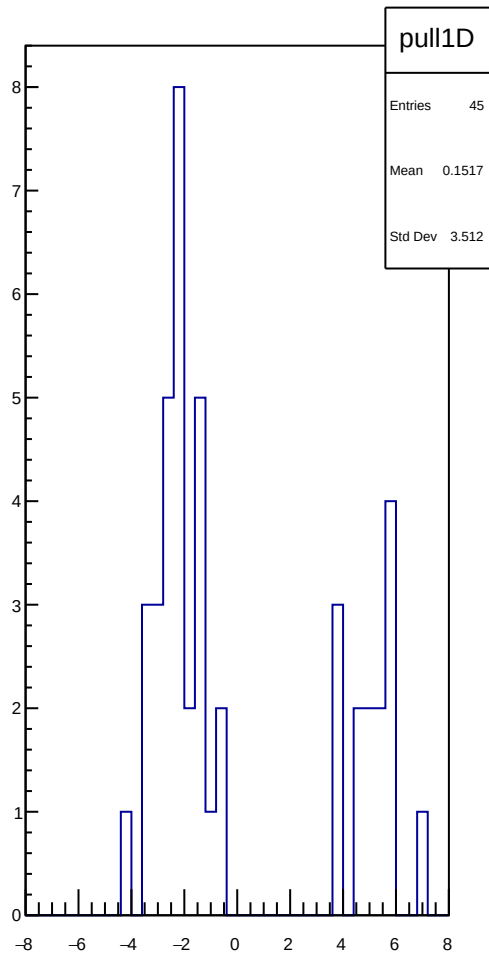
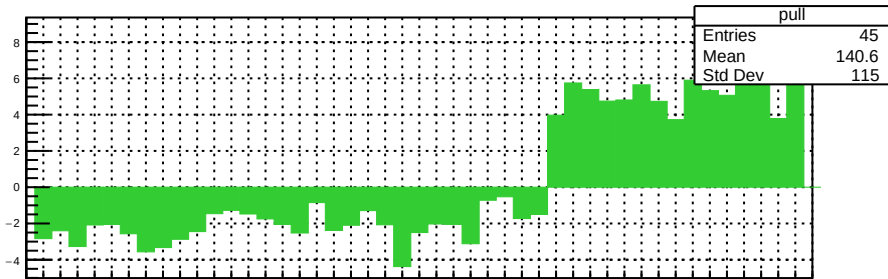
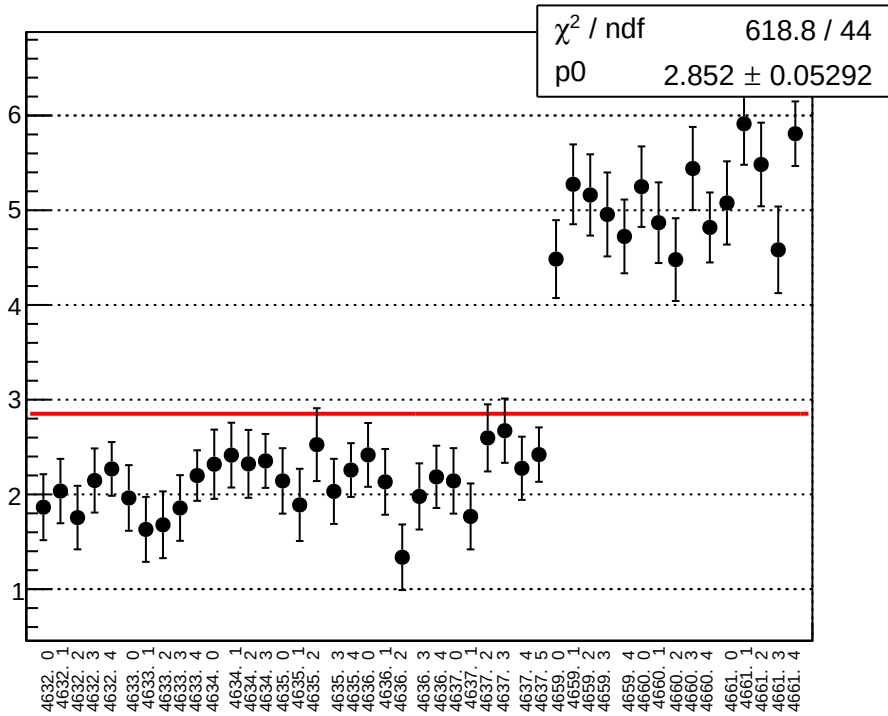
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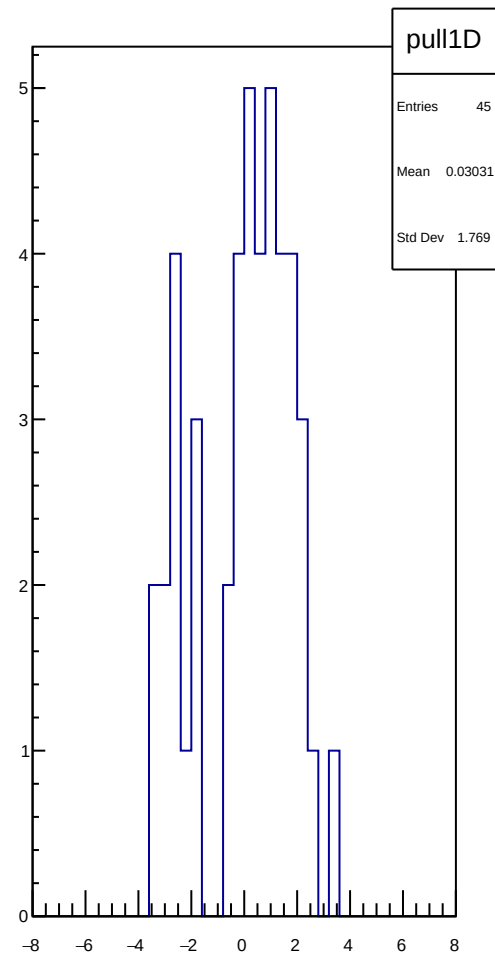
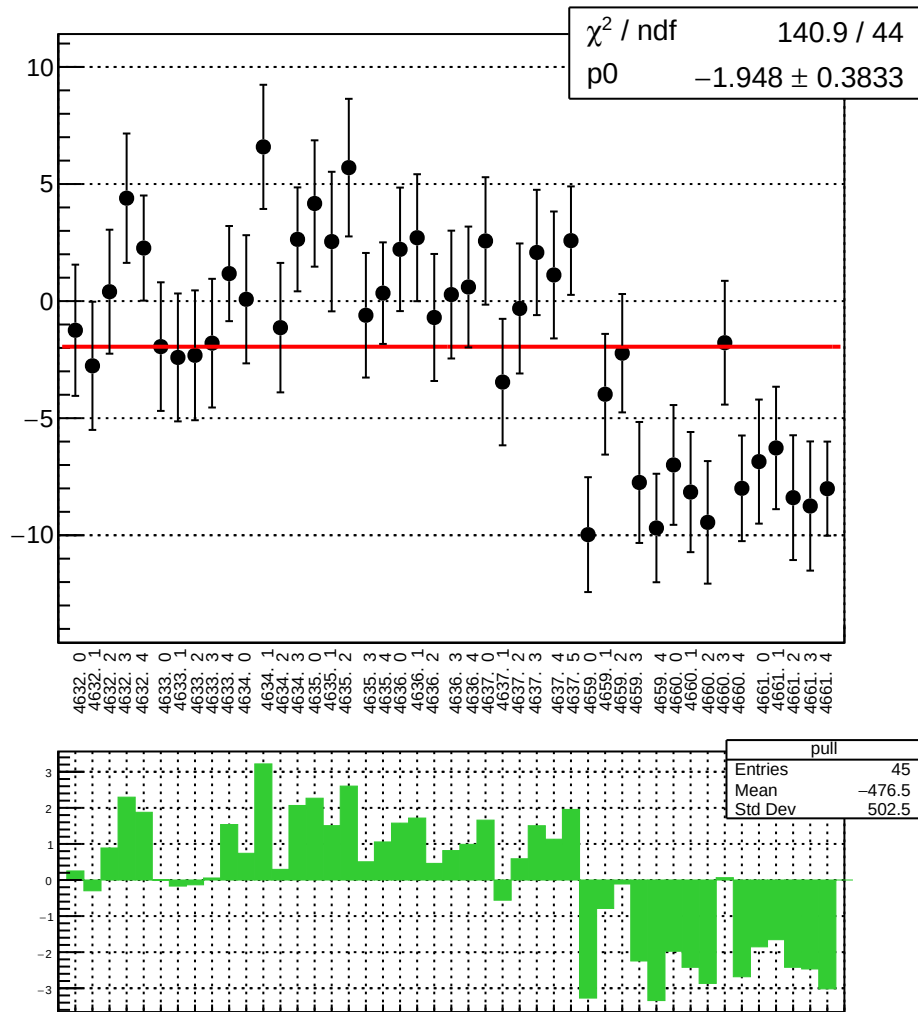
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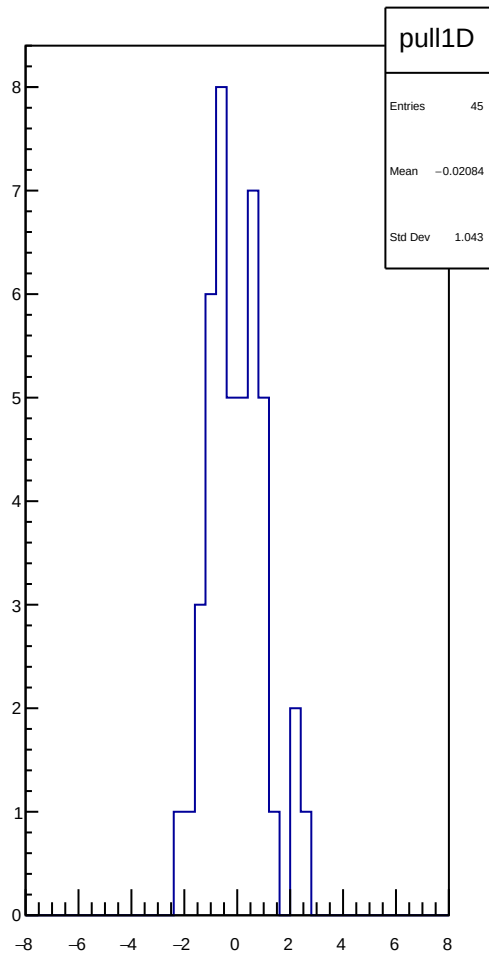
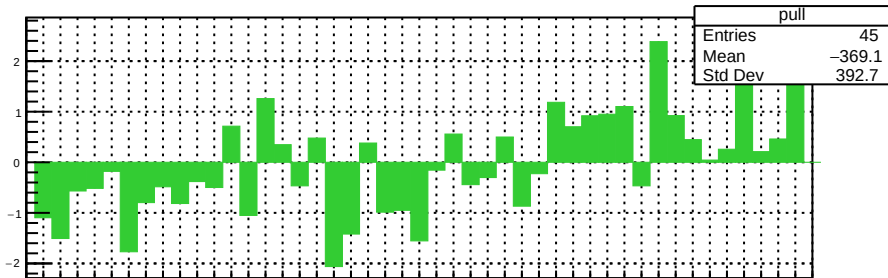
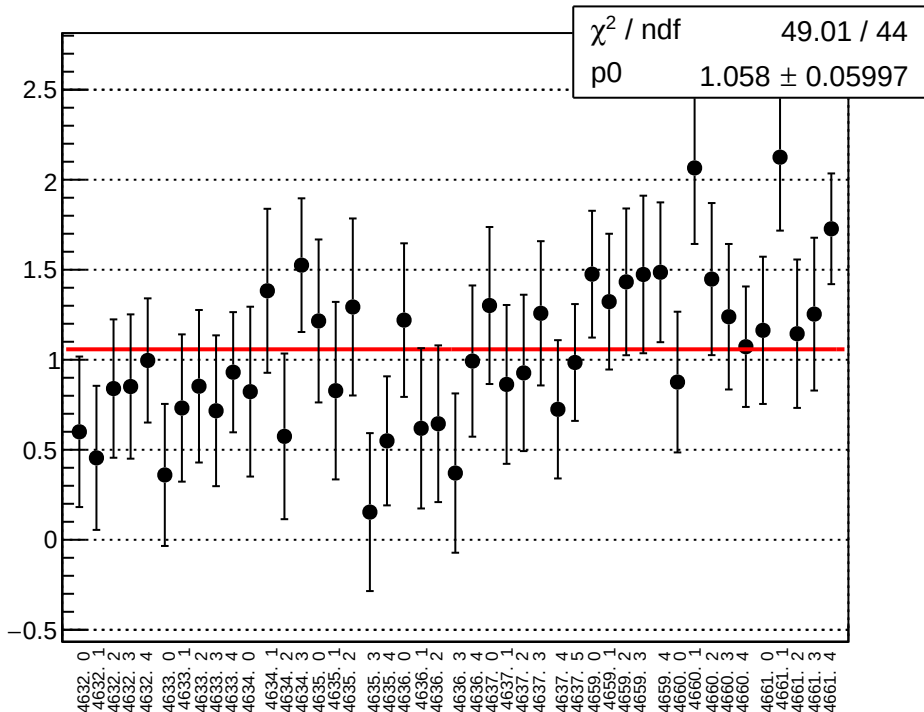
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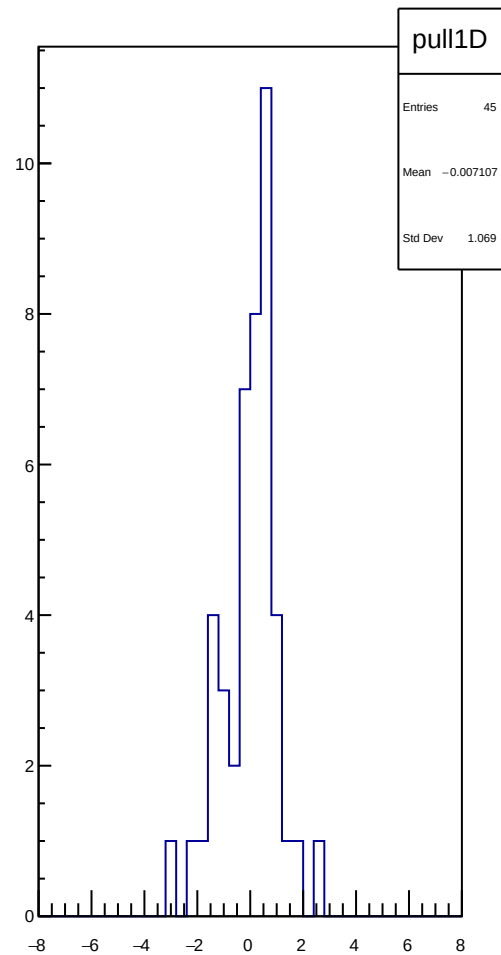
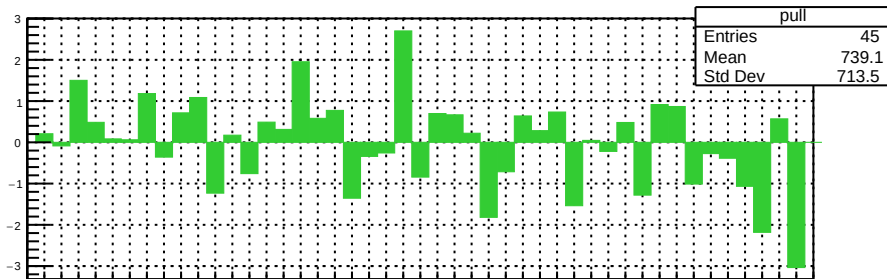
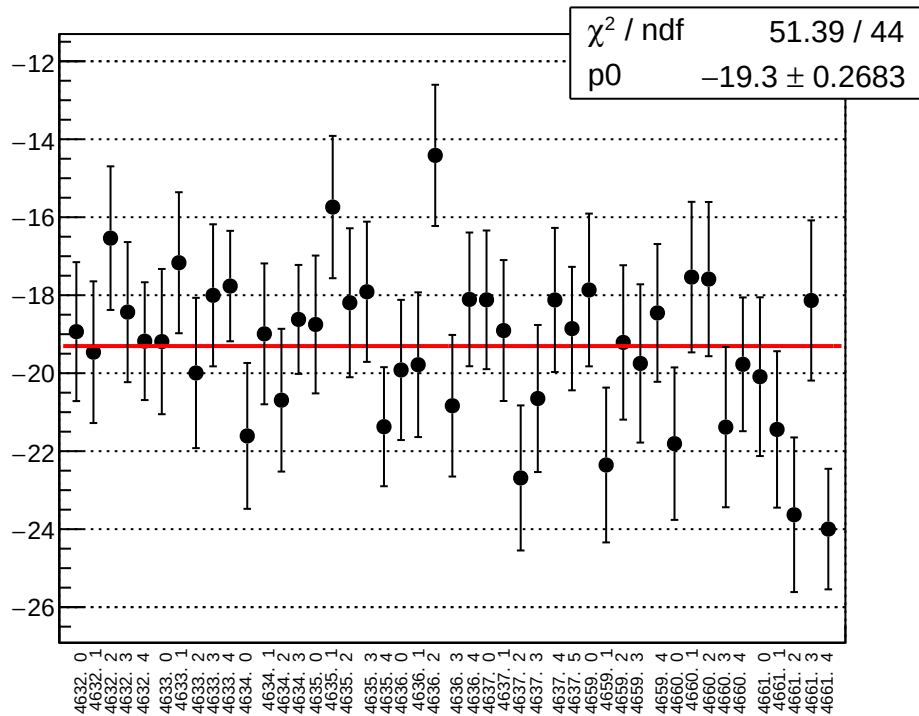
reg_asym_bcm_an_ds_diff_bpm4eY_slope vs run



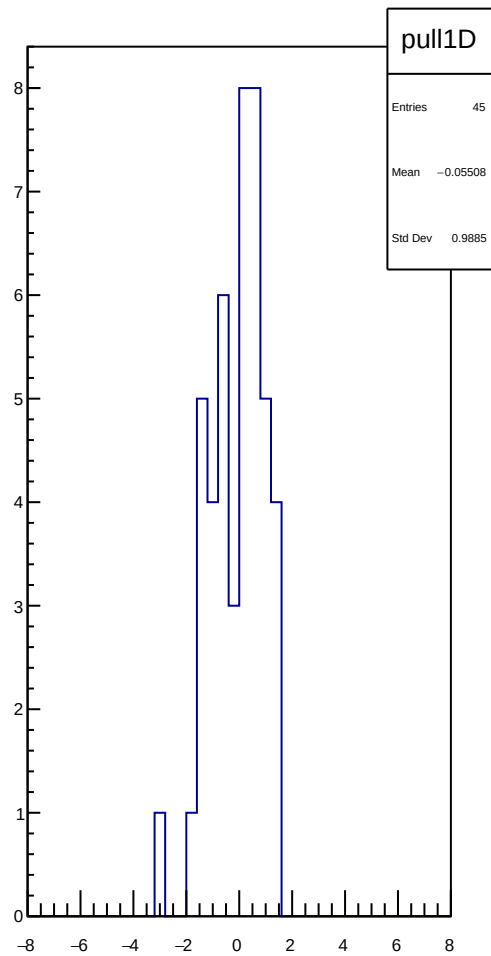
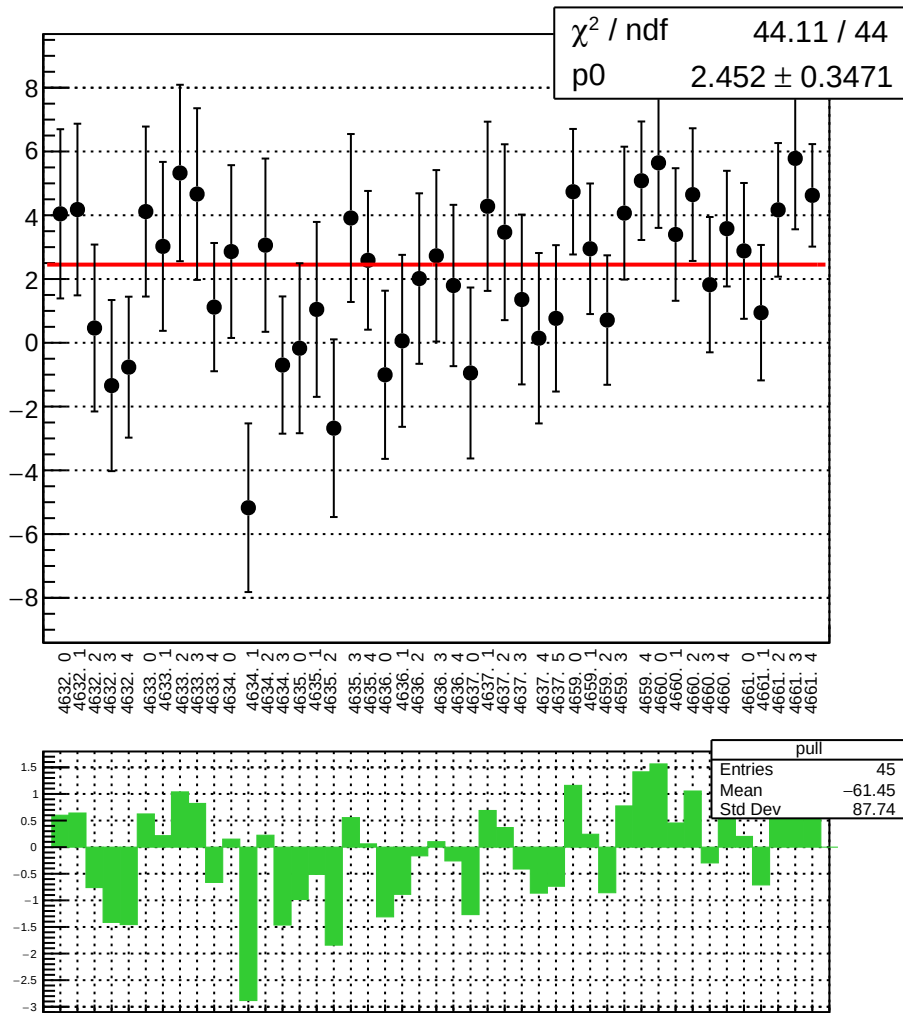
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reg_asym_bcm_an_us_diff_bpm4aX_slope vs run

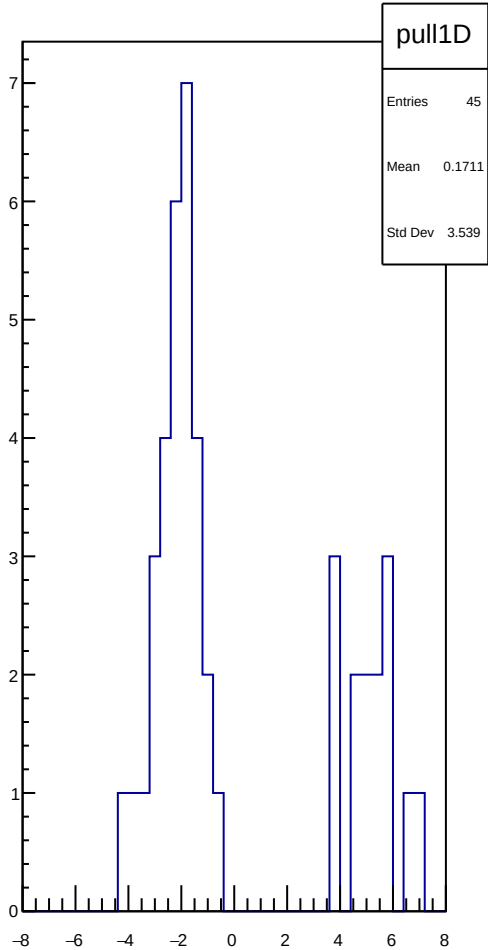
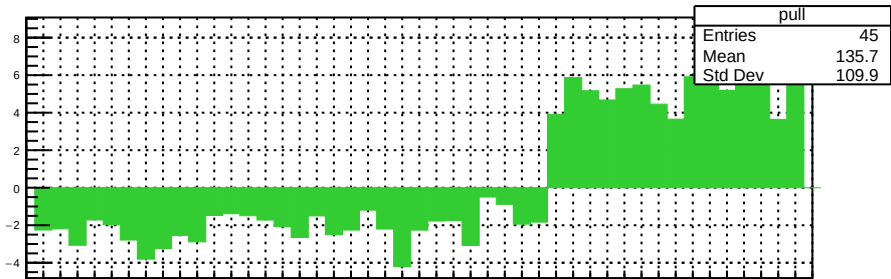
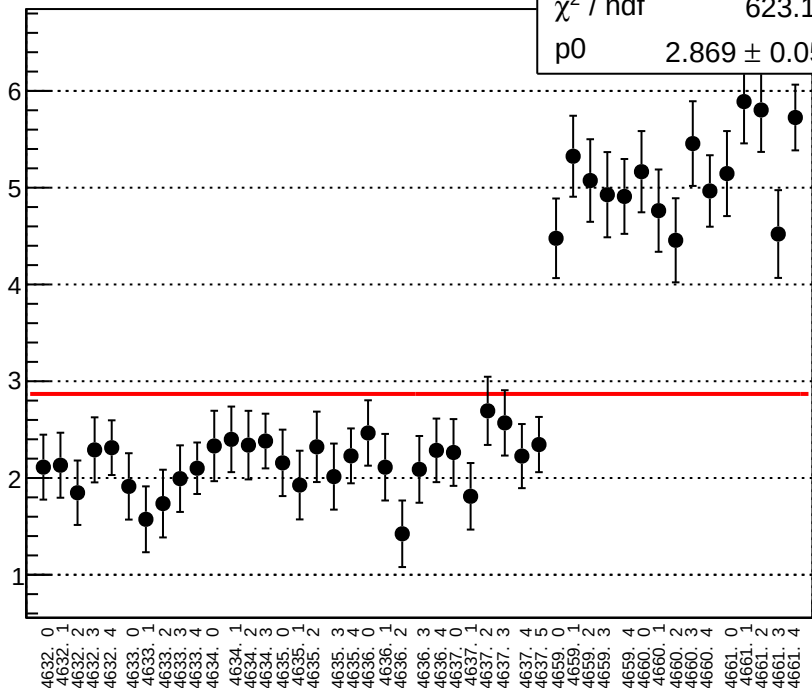


reg_asym_bcm_an_us_diff_bpm4aY_slope vs run

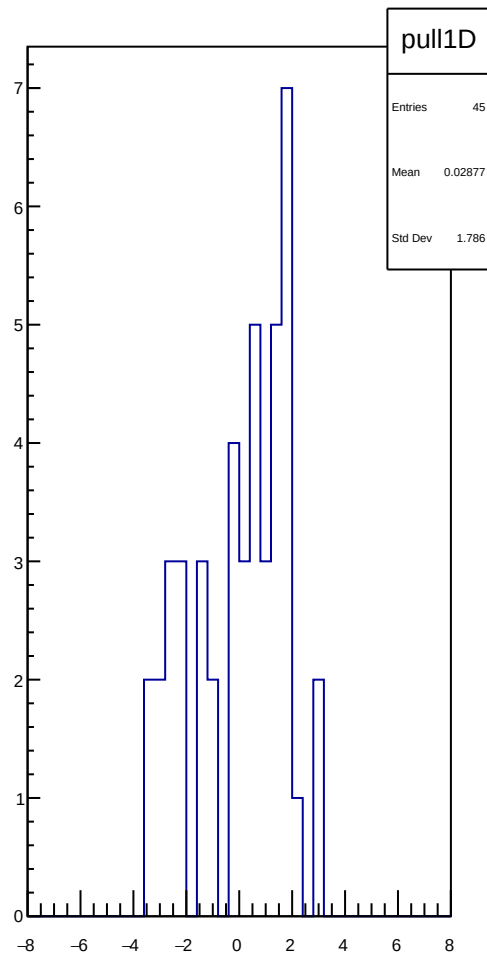
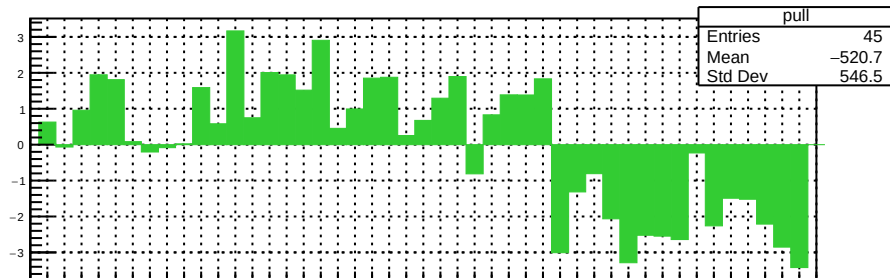
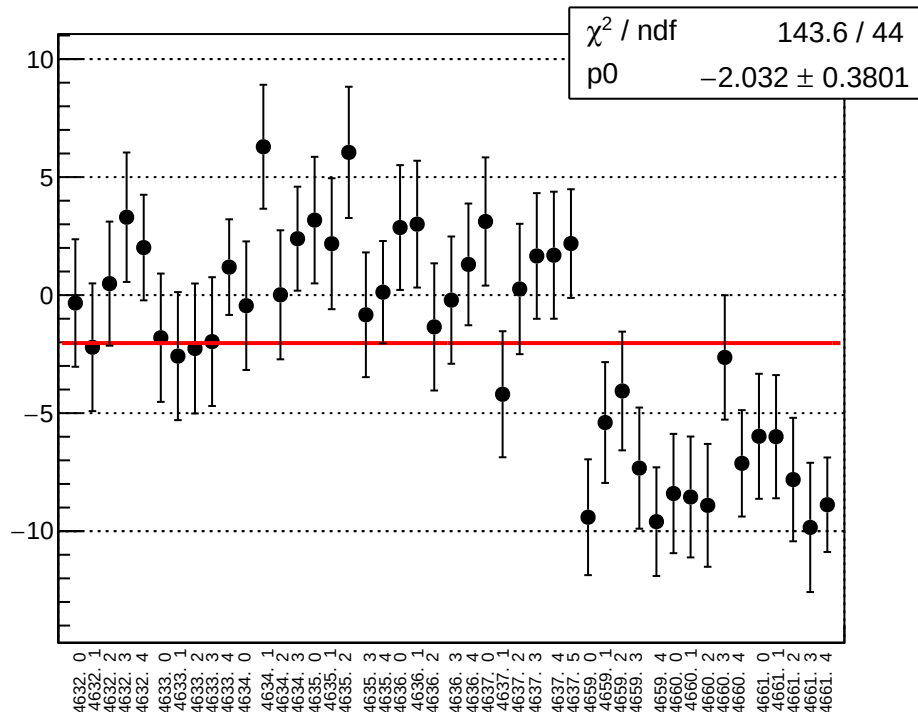


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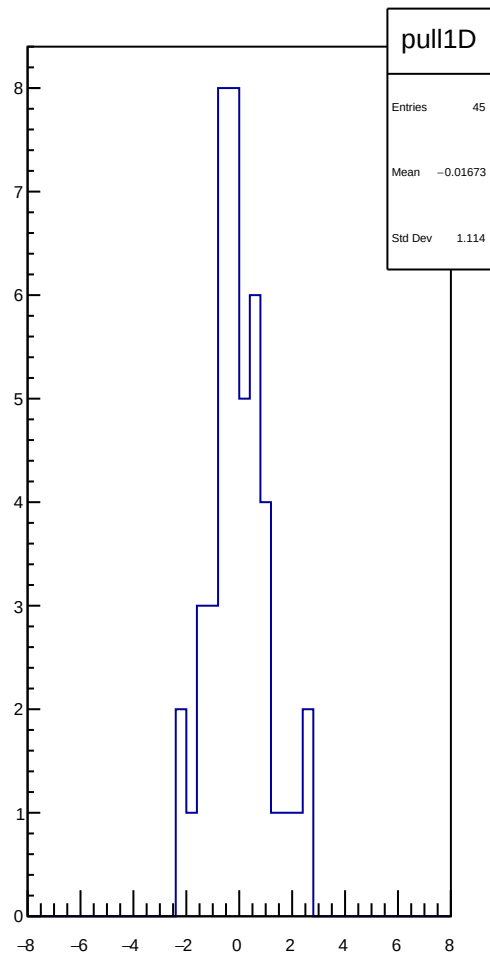
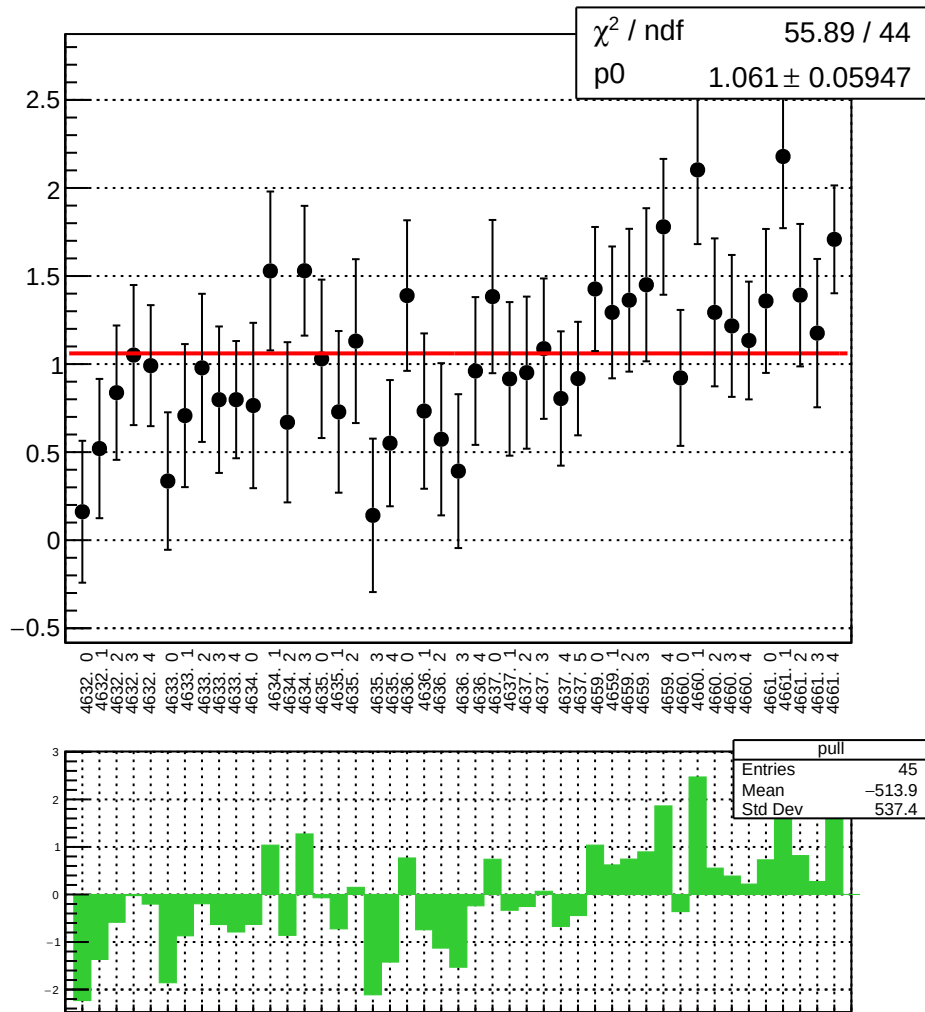
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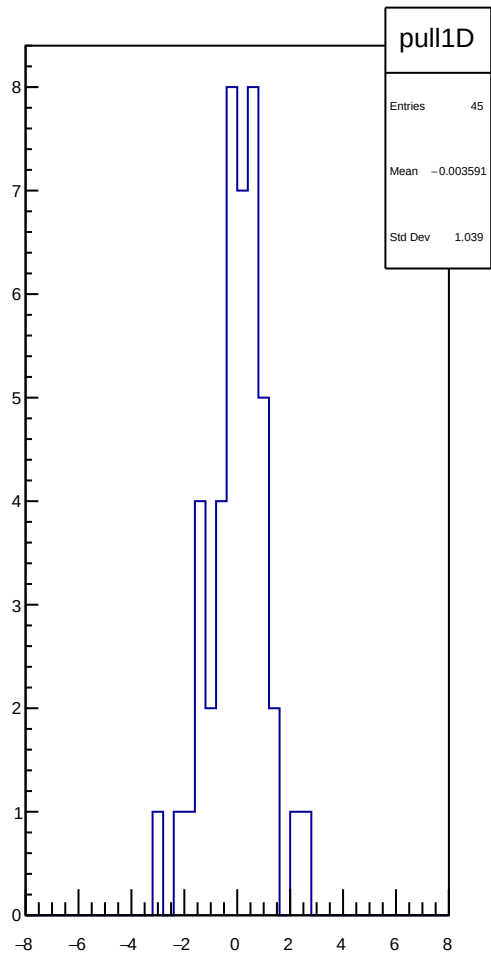
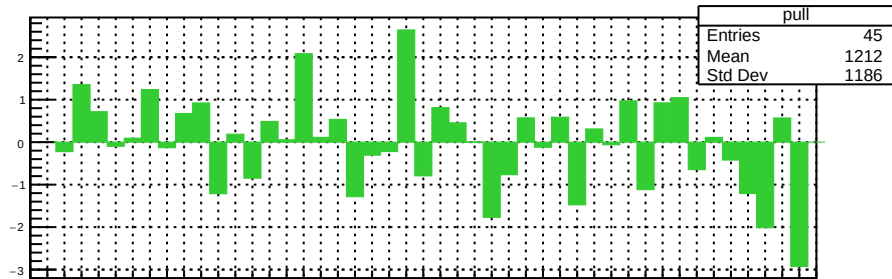
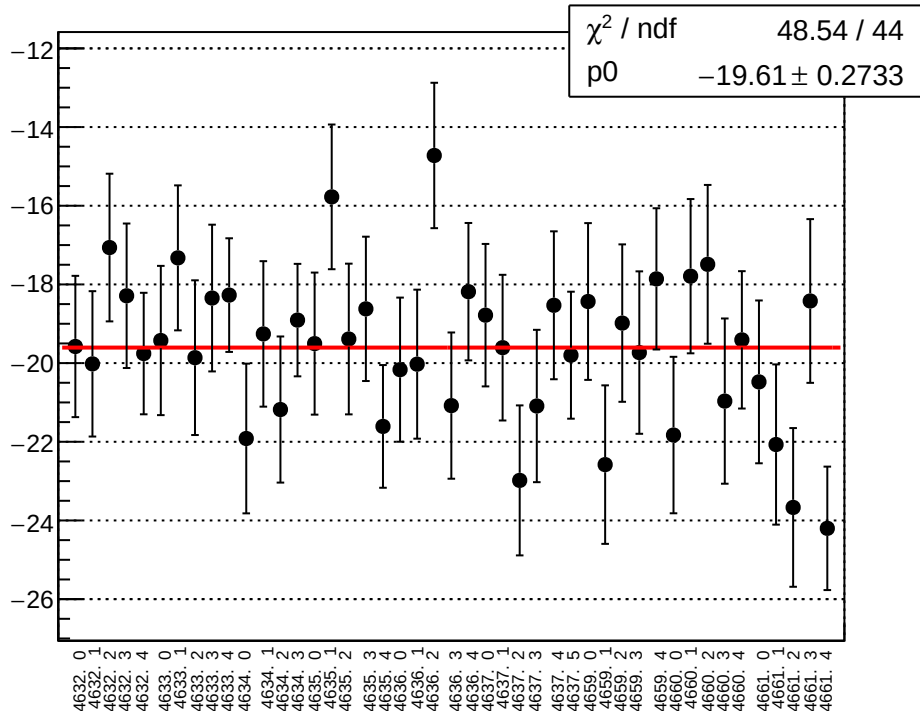
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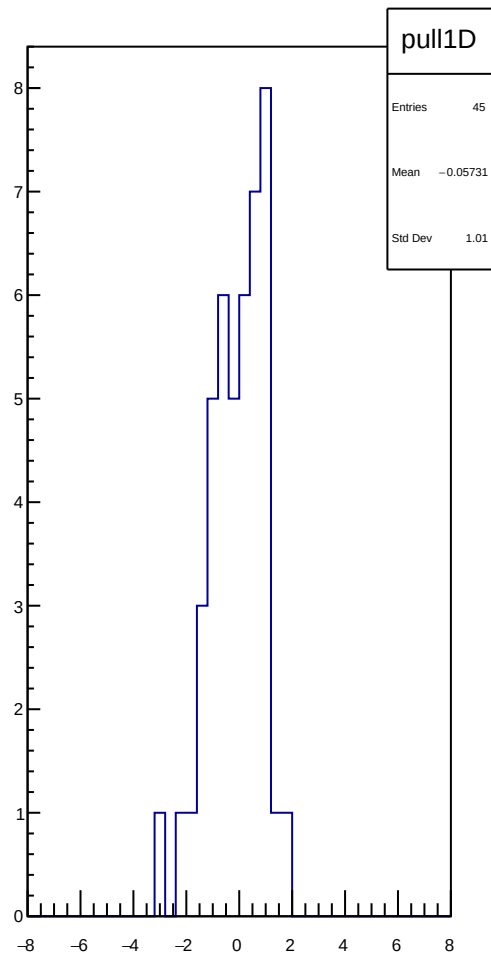
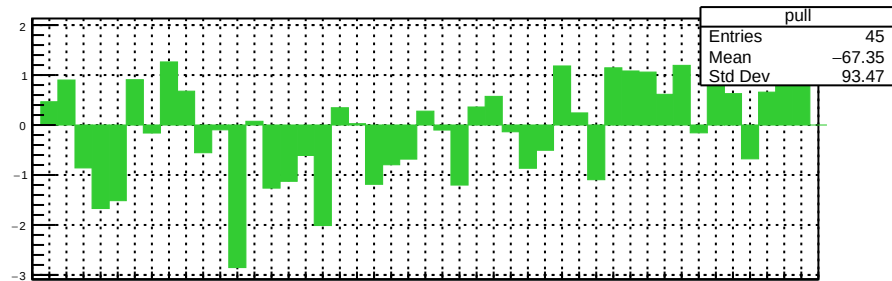
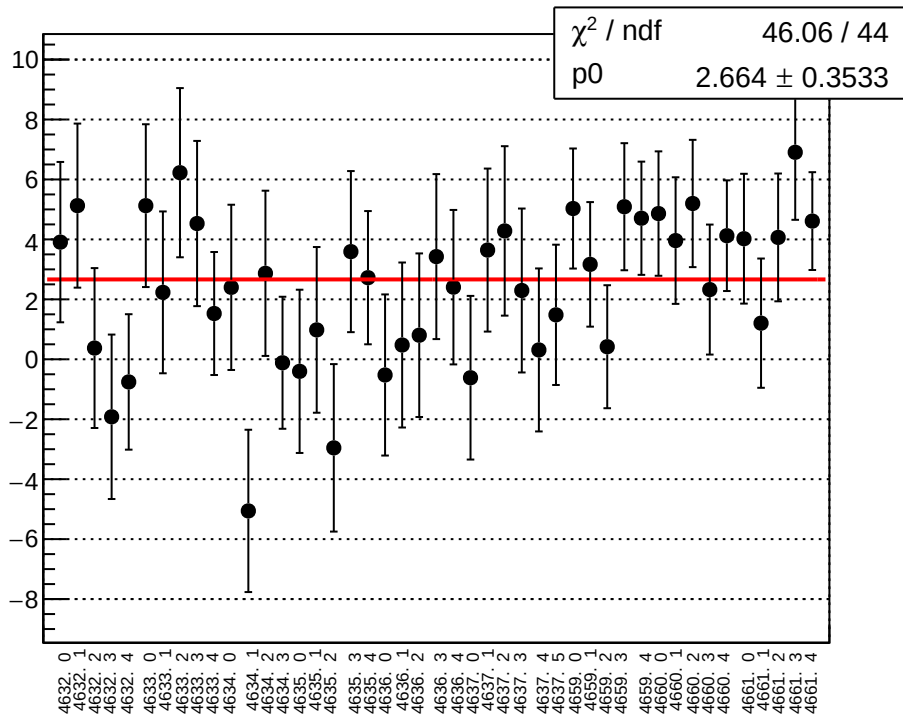
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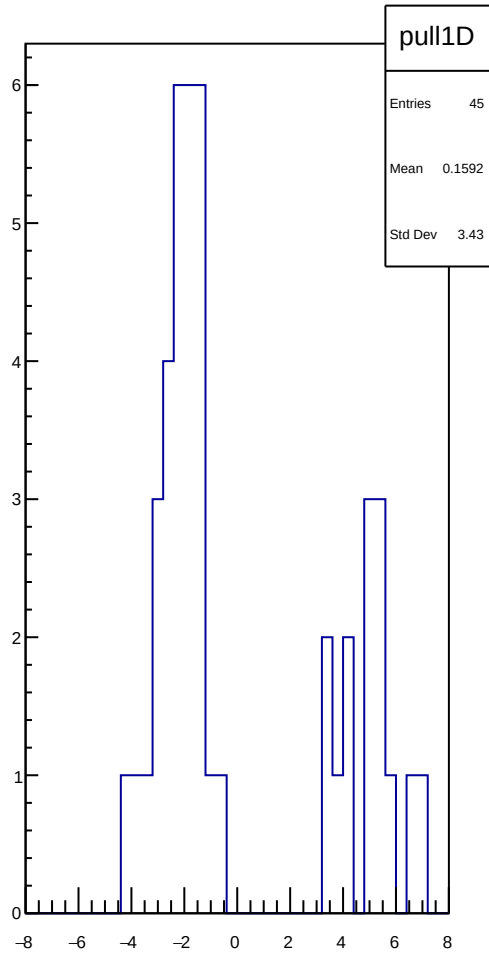
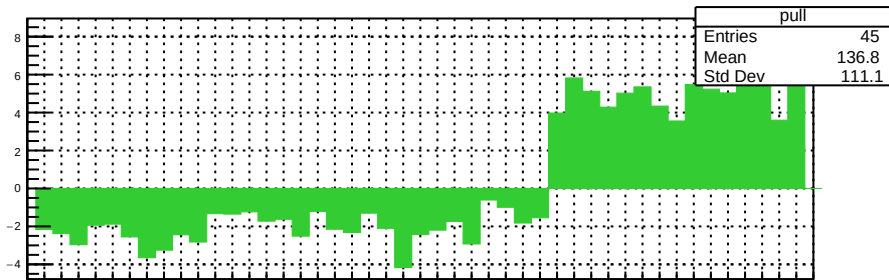
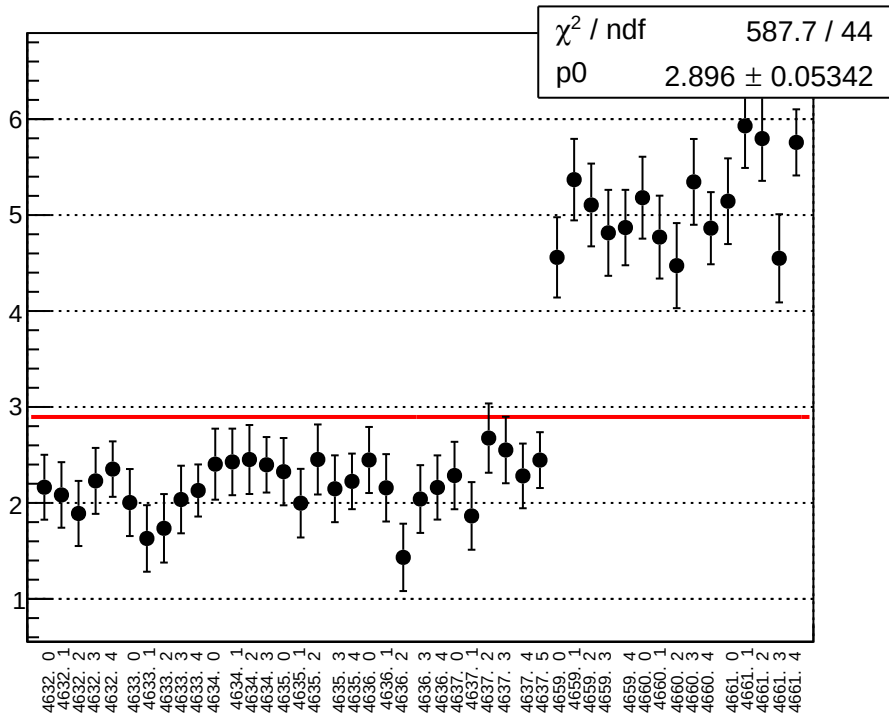
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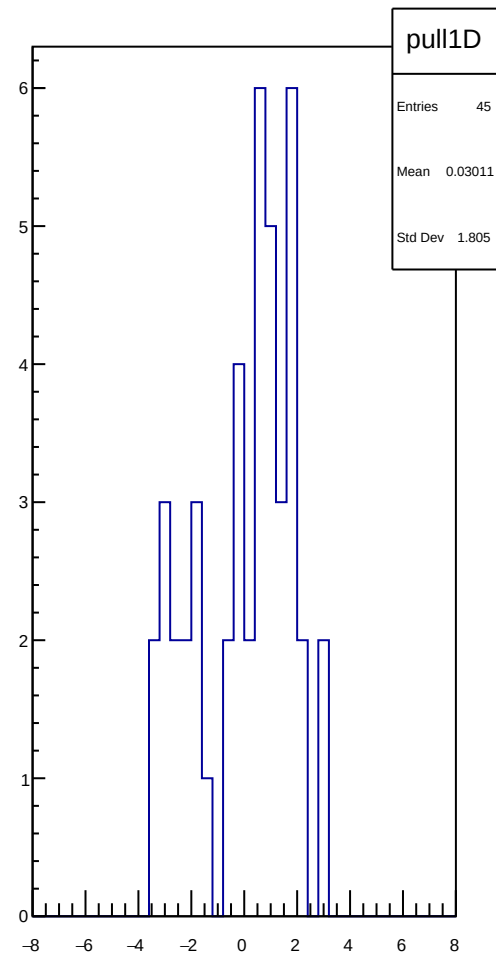
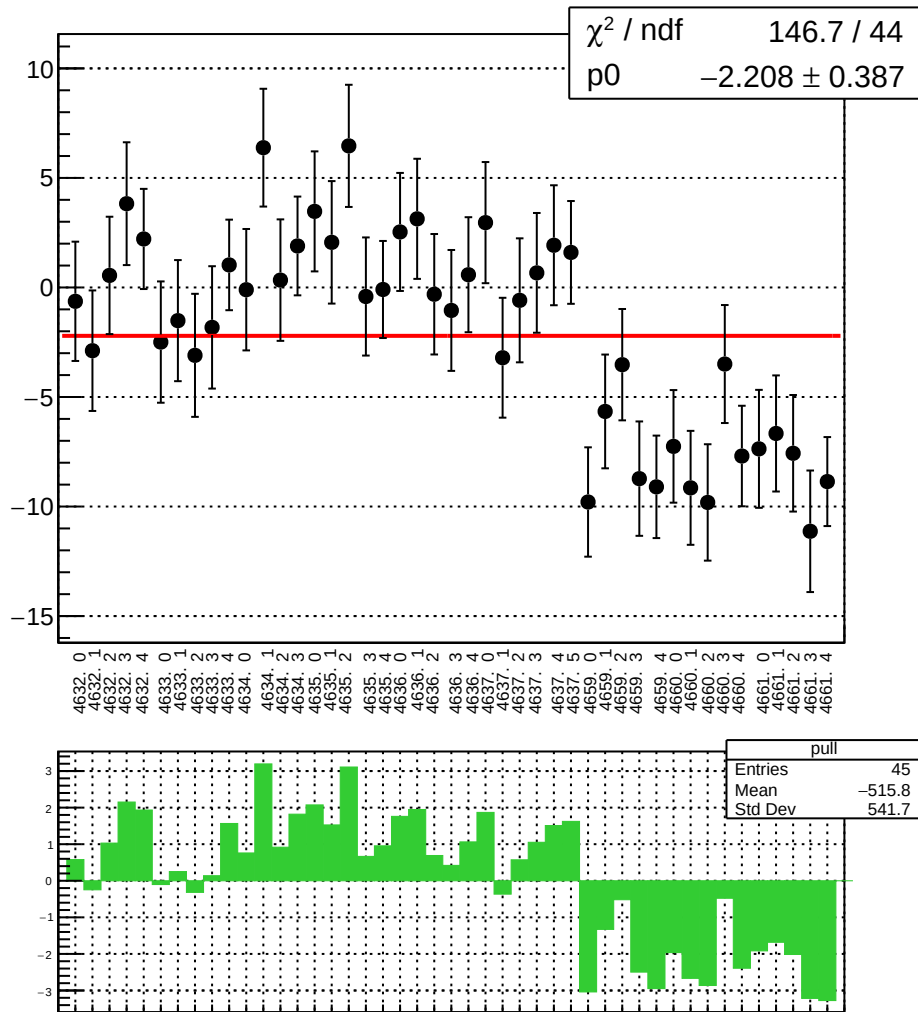
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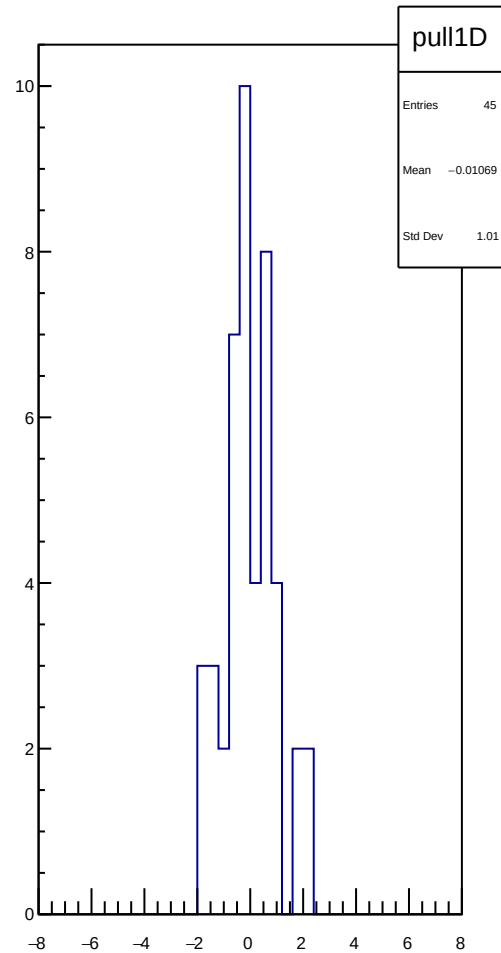
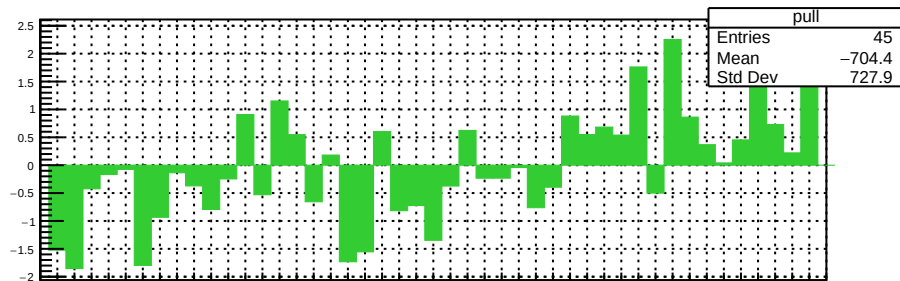
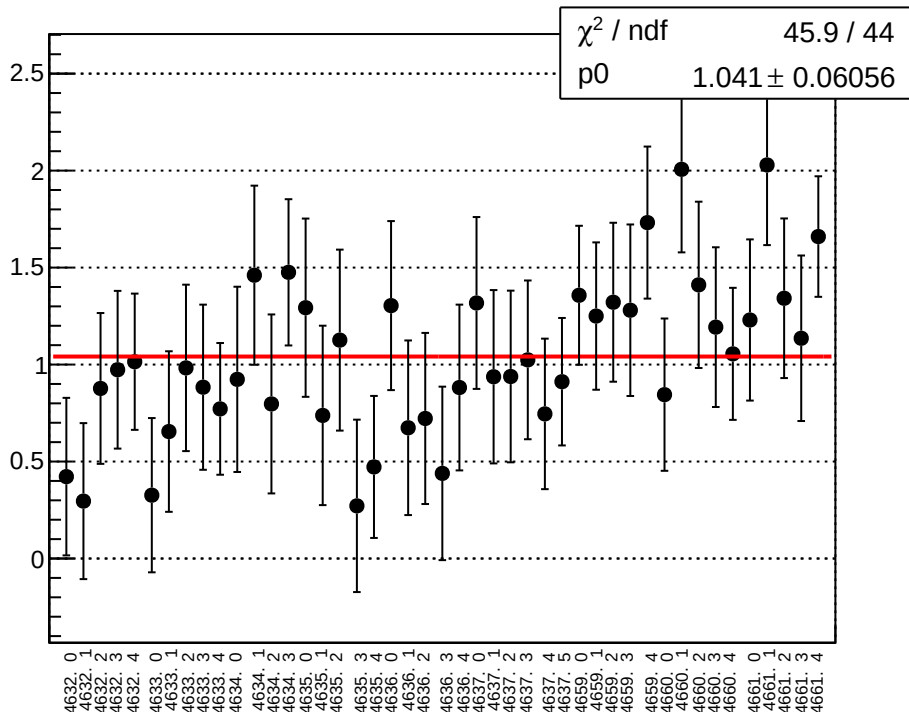
reg_asym_bcm dg ds diff_bpm4eX slope vs run



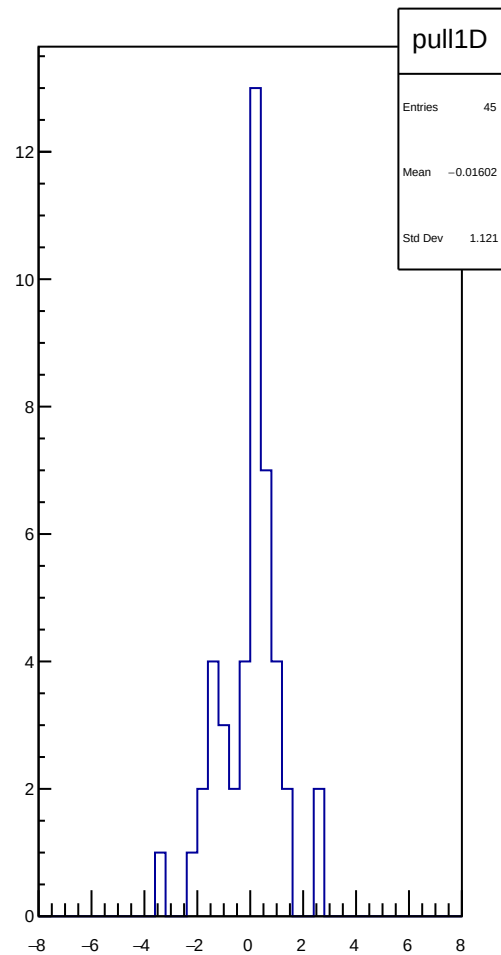
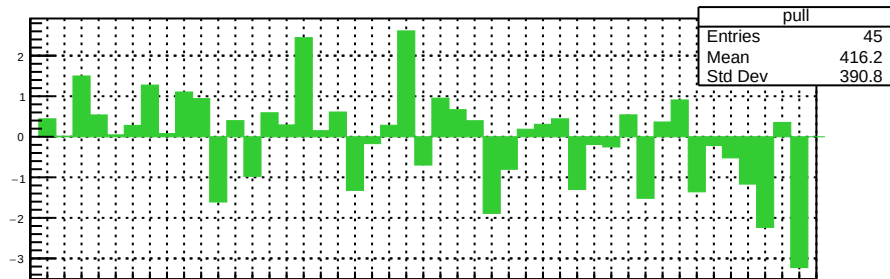
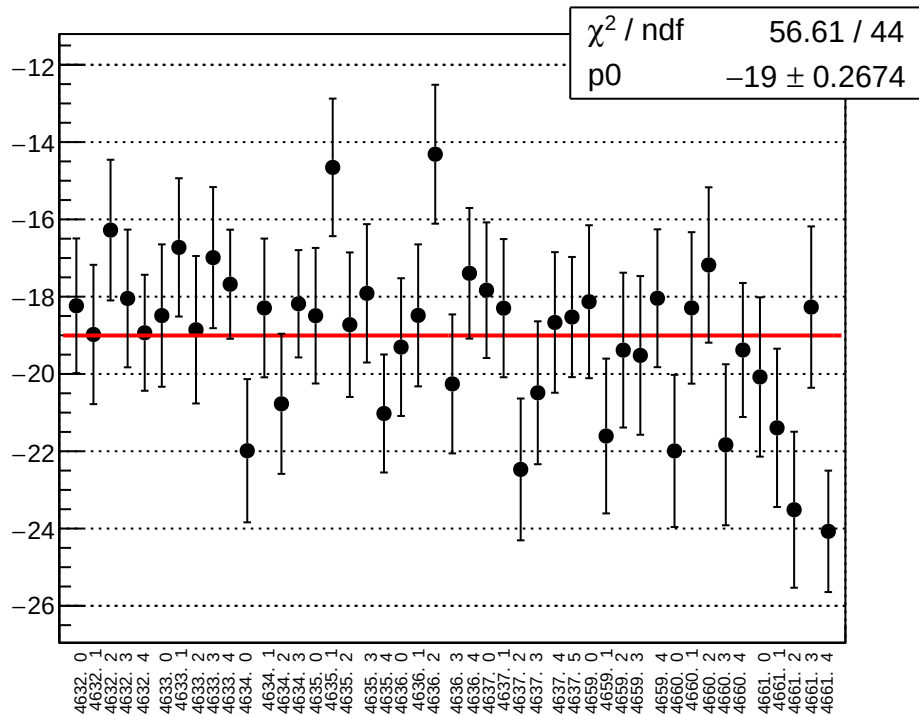
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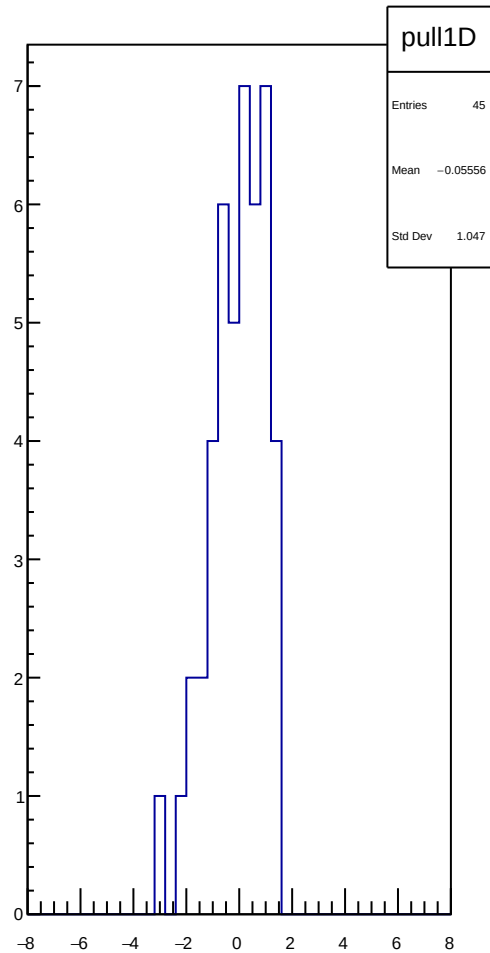
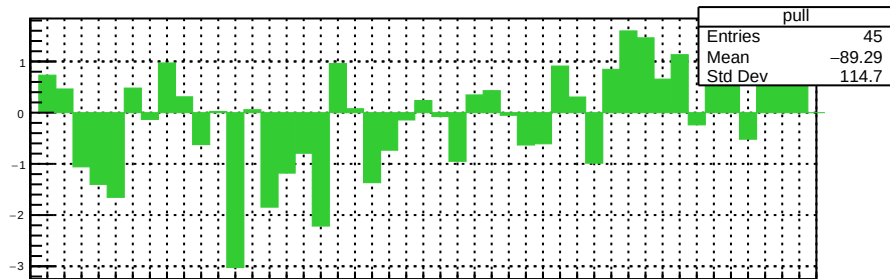
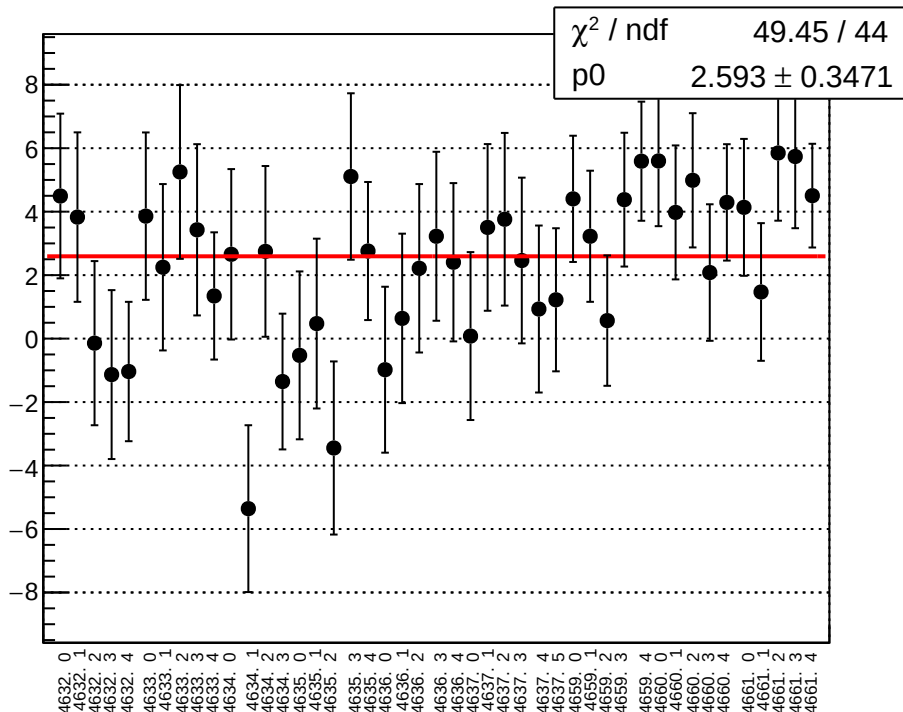
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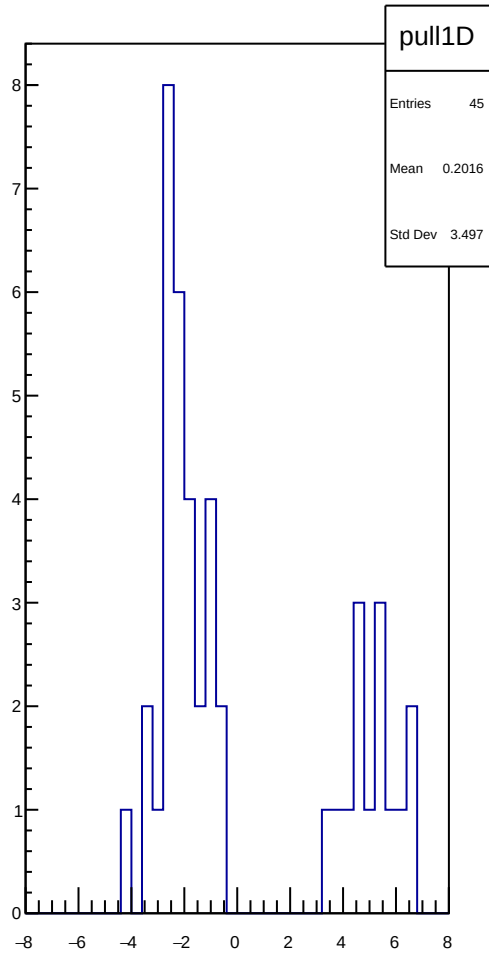
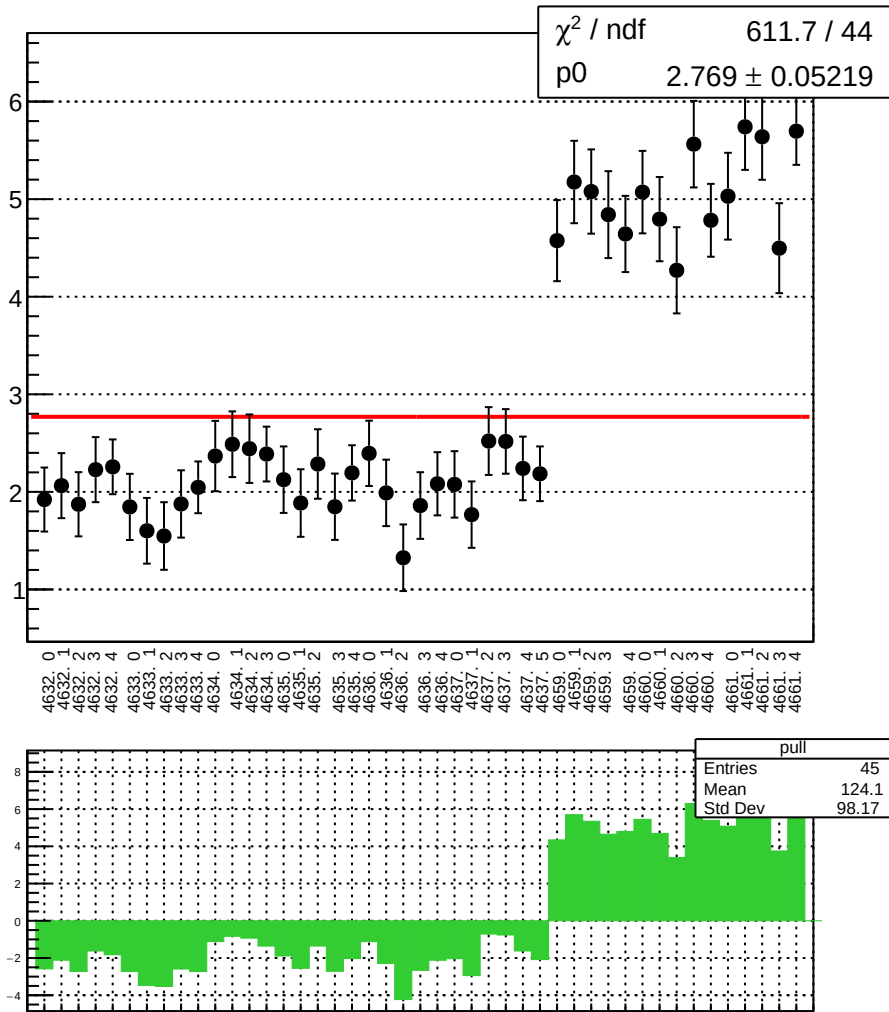
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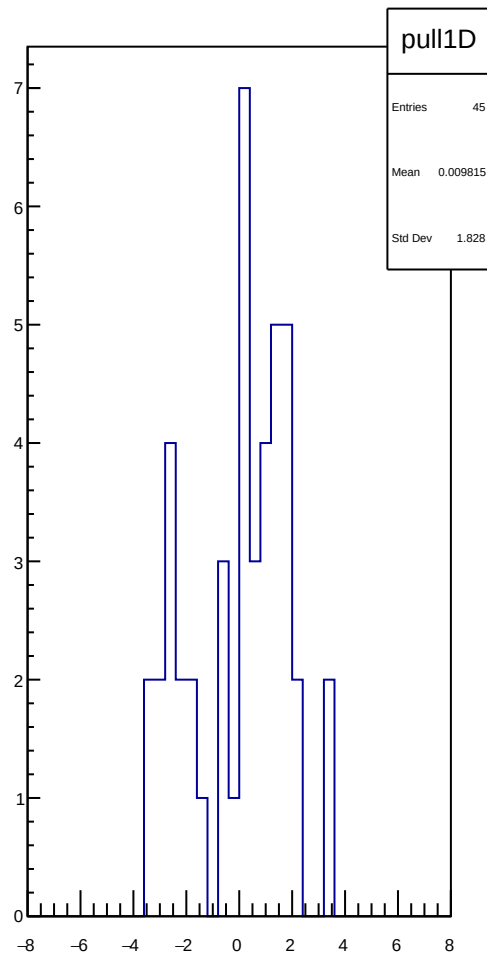
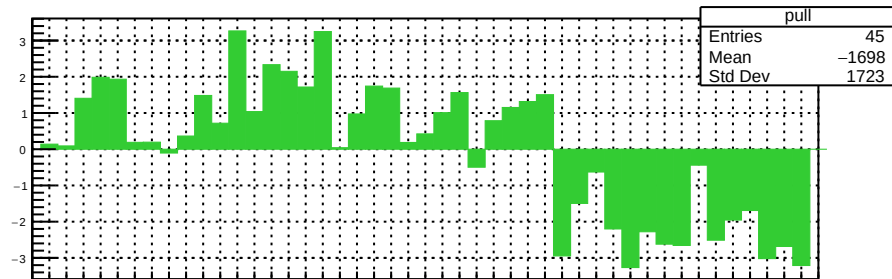
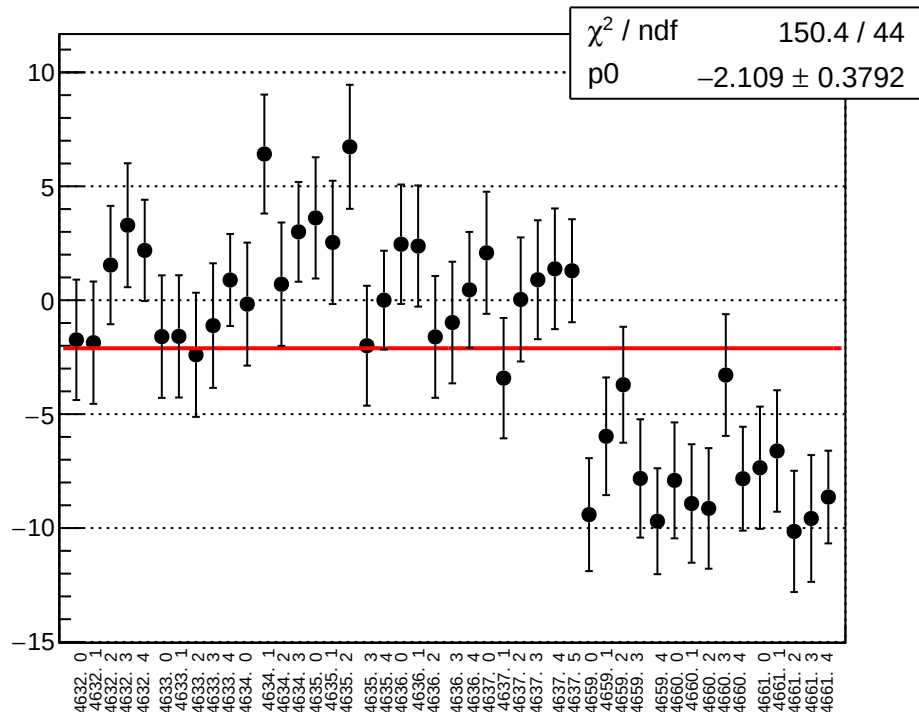
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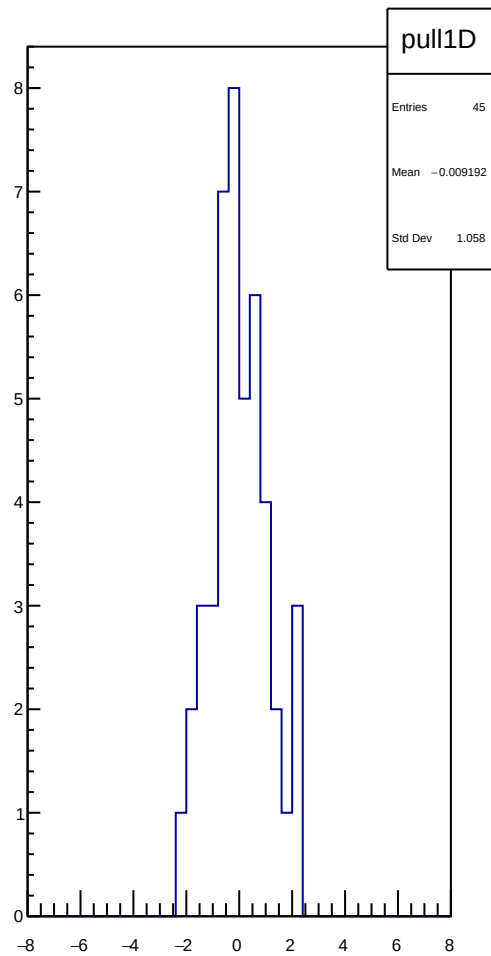
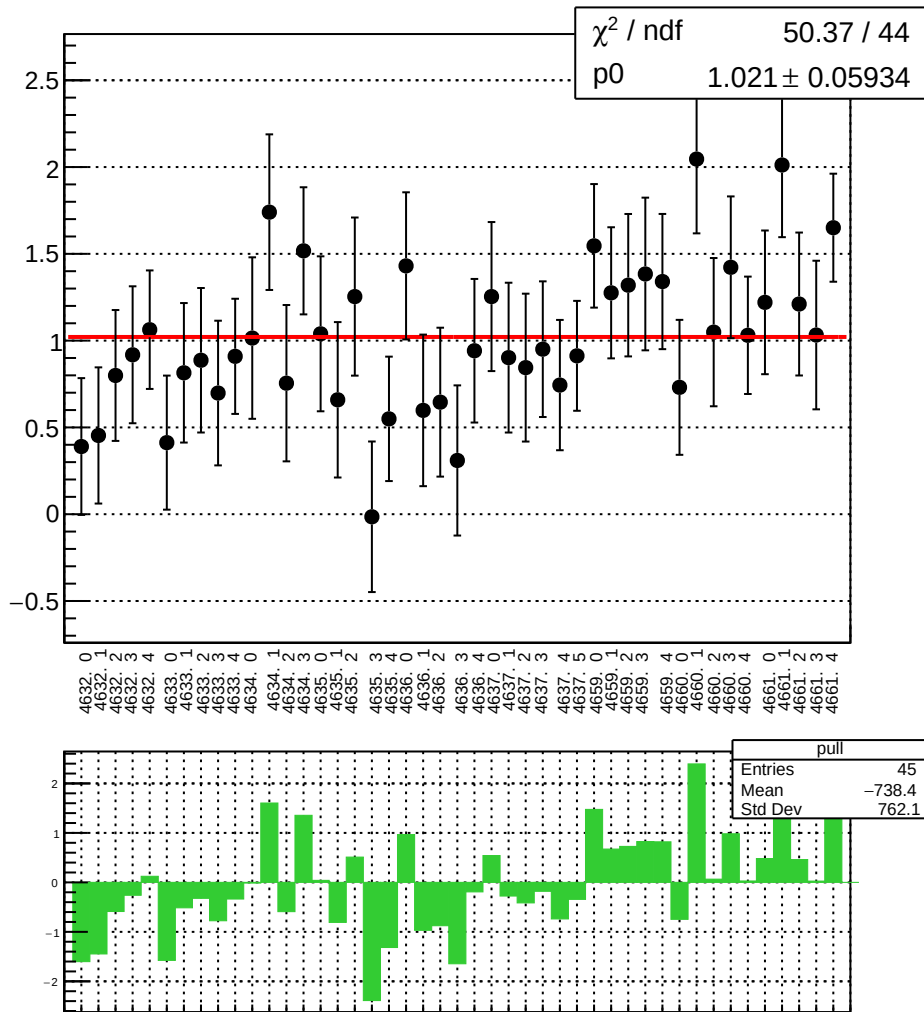
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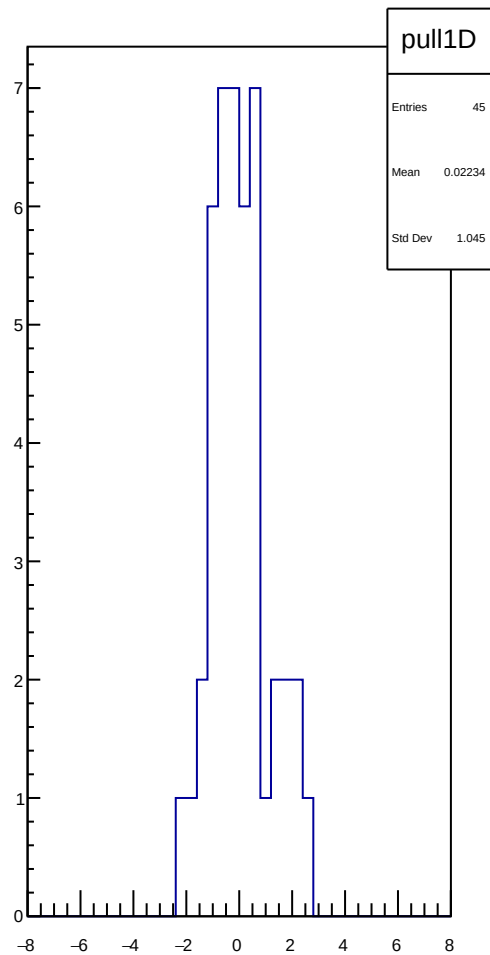
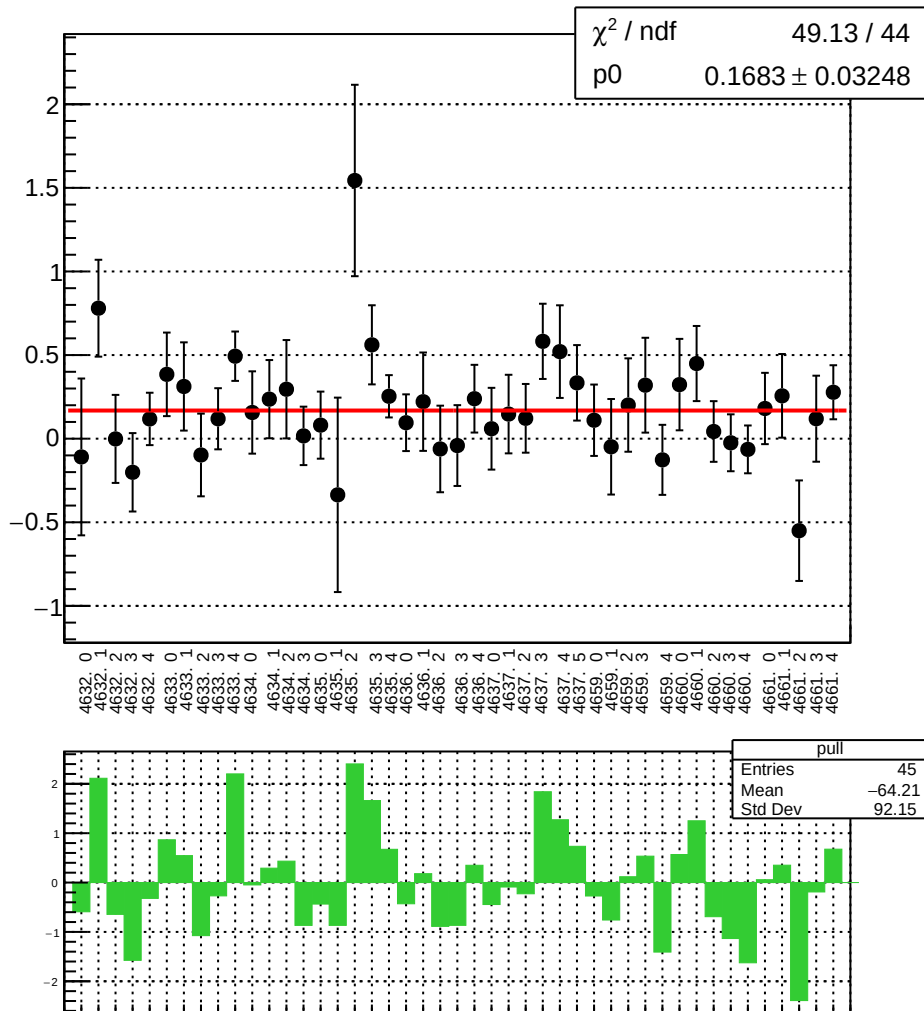
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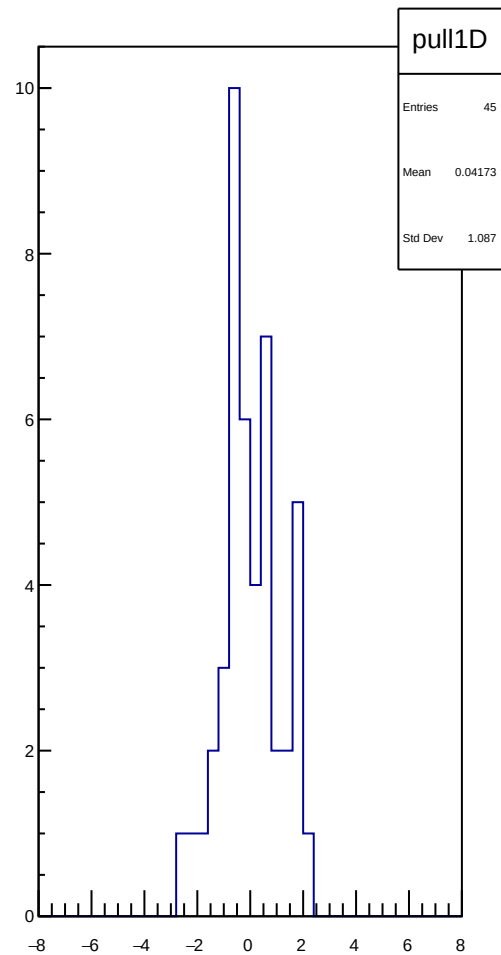
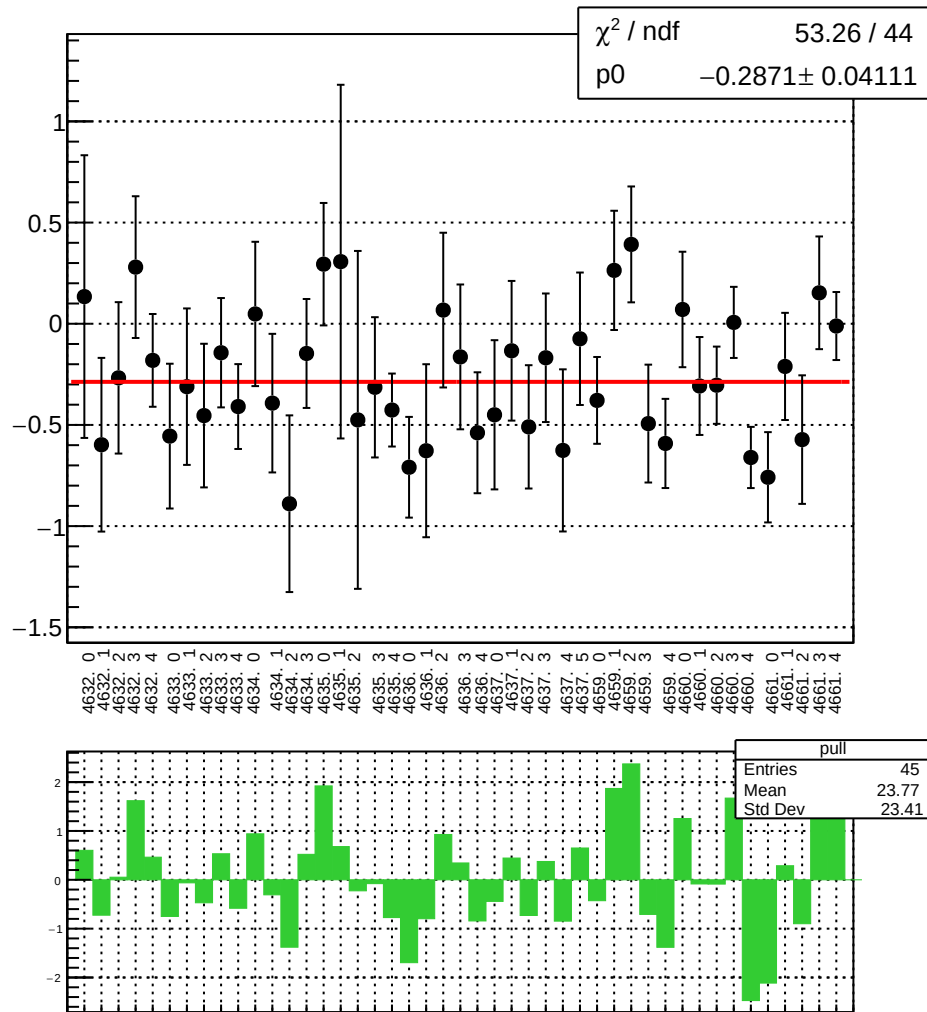
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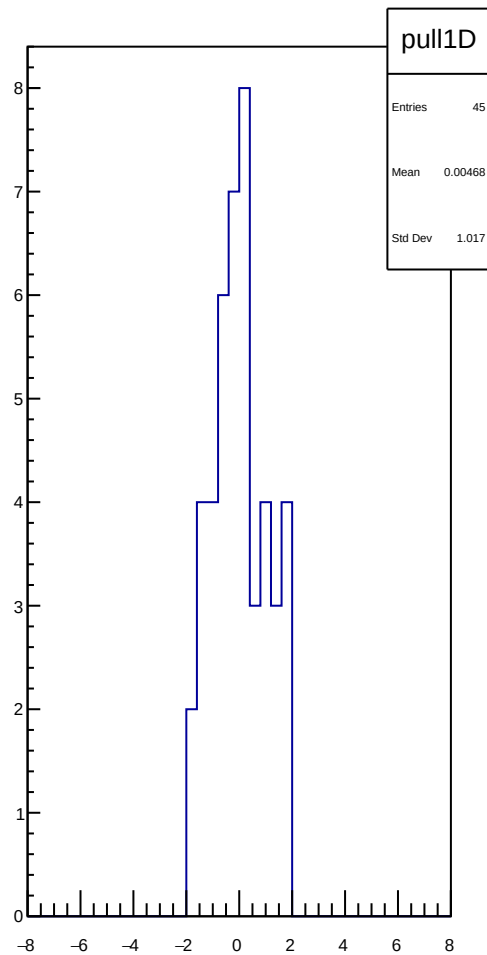
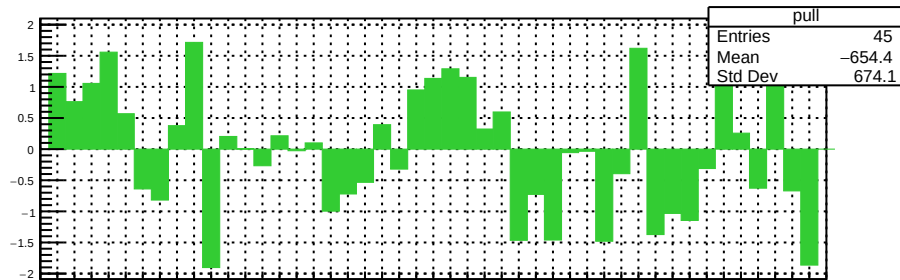
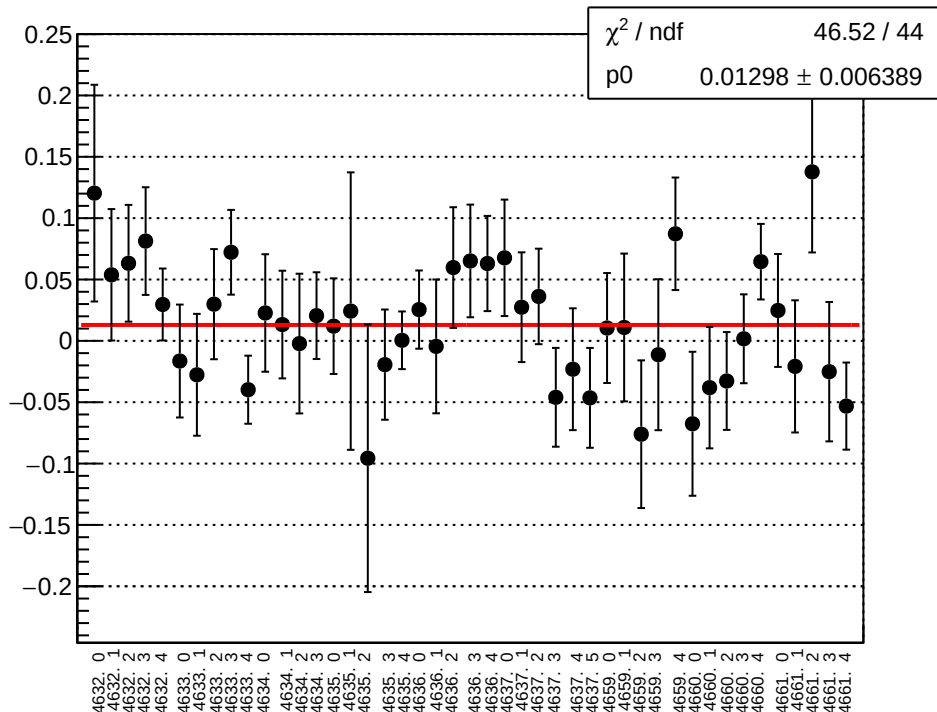
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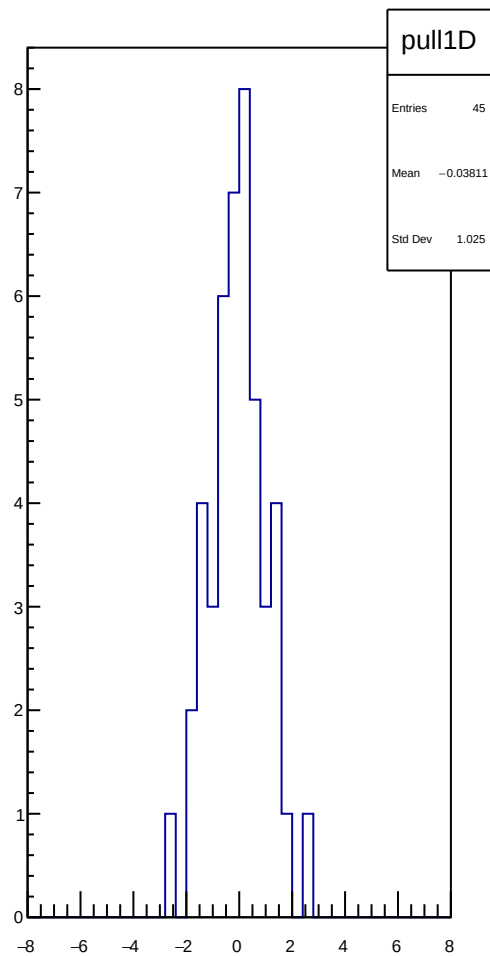
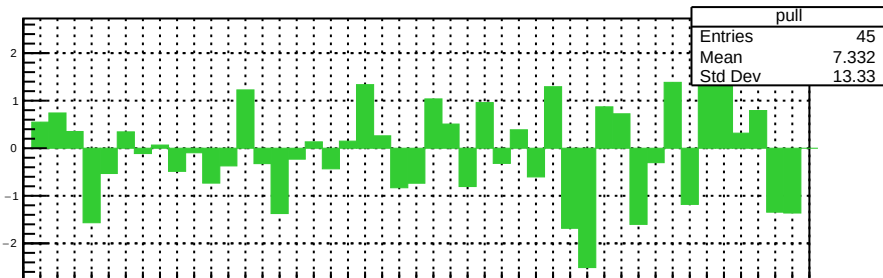
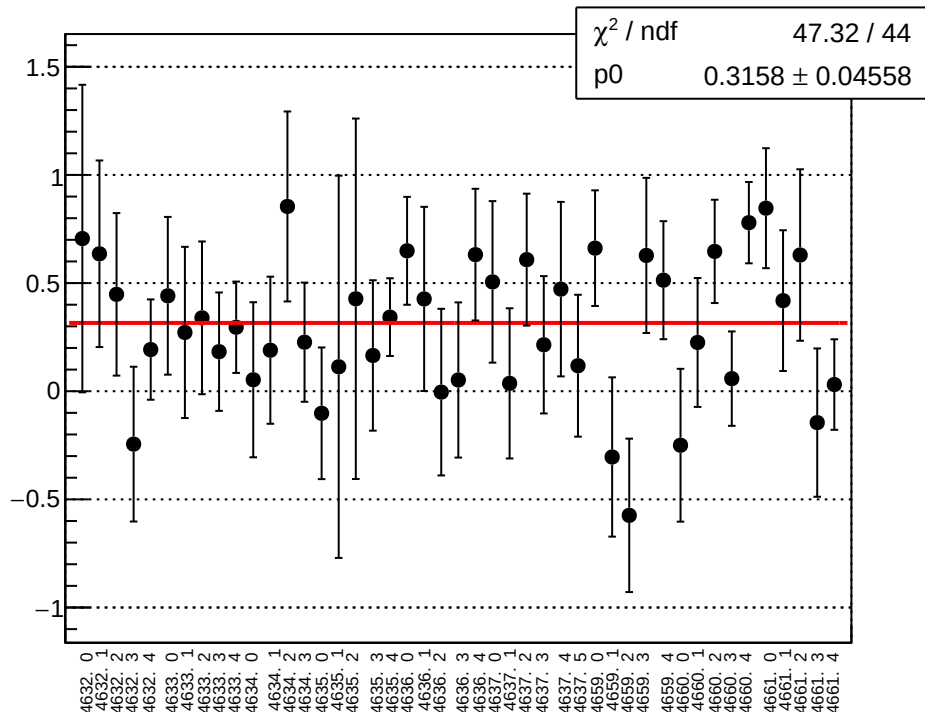
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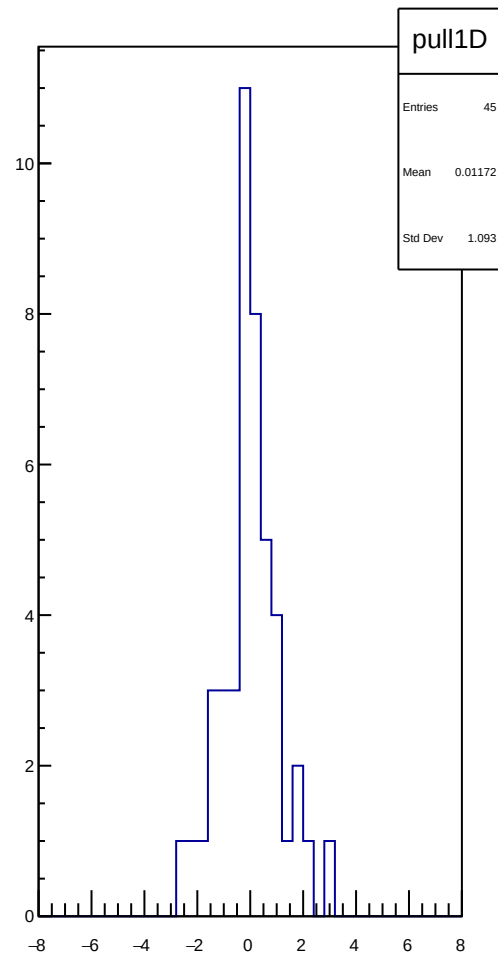
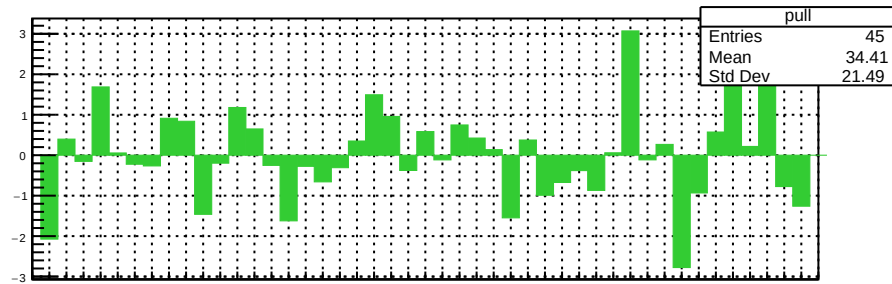
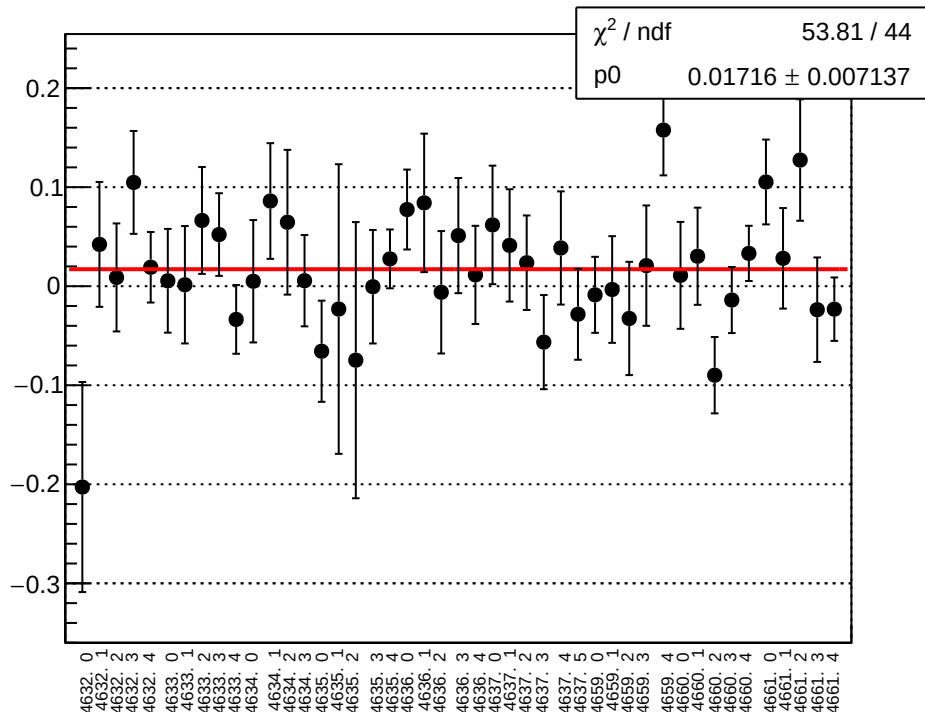
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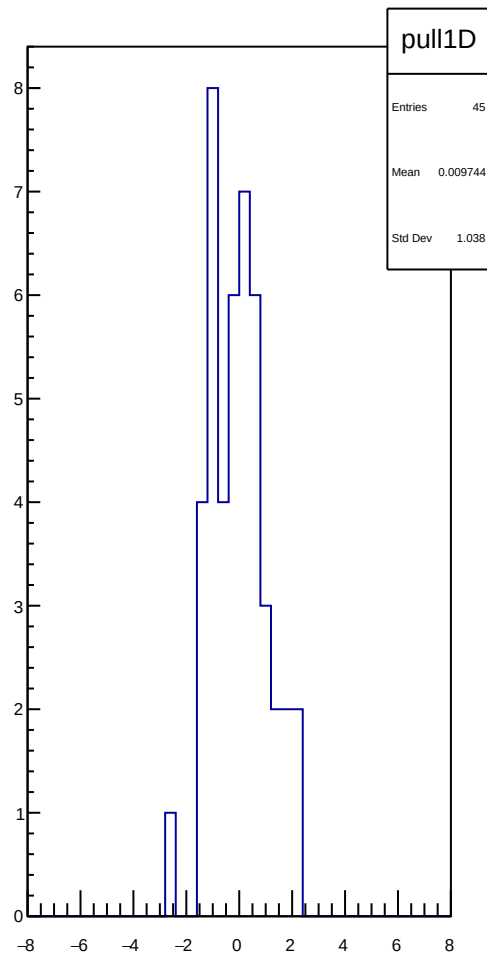
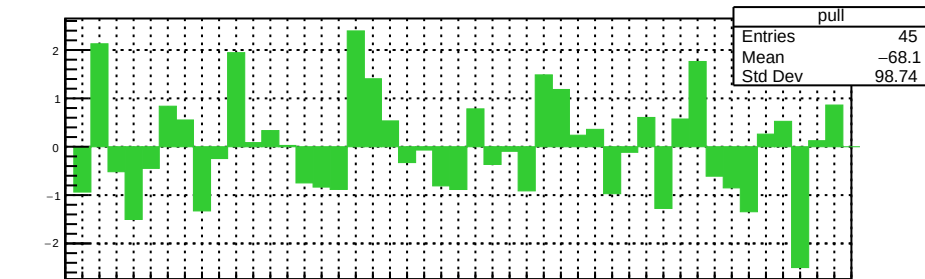
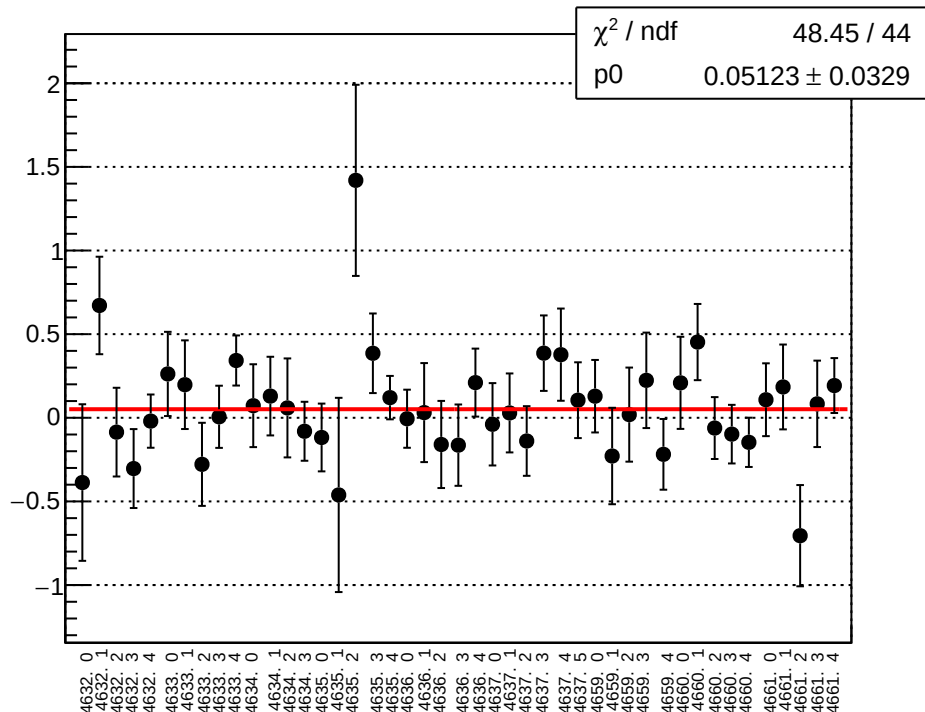
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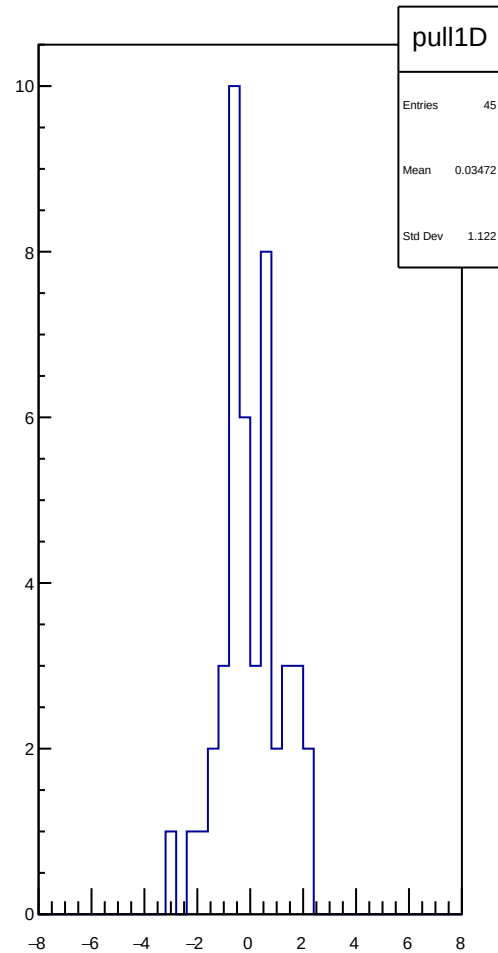
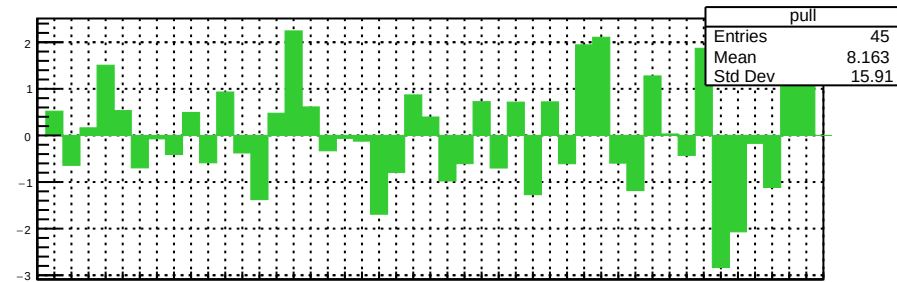
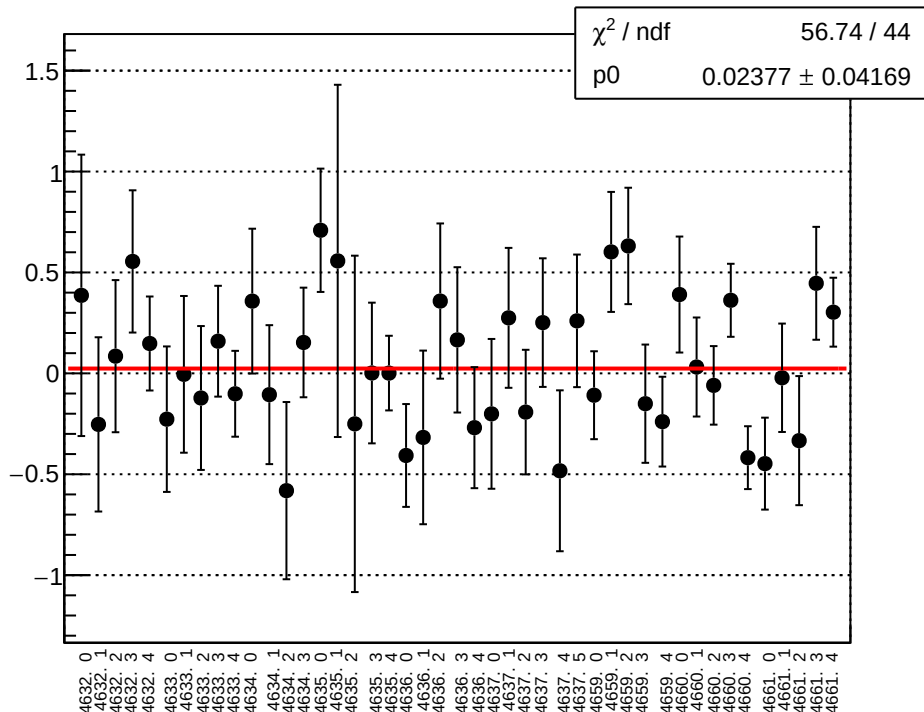
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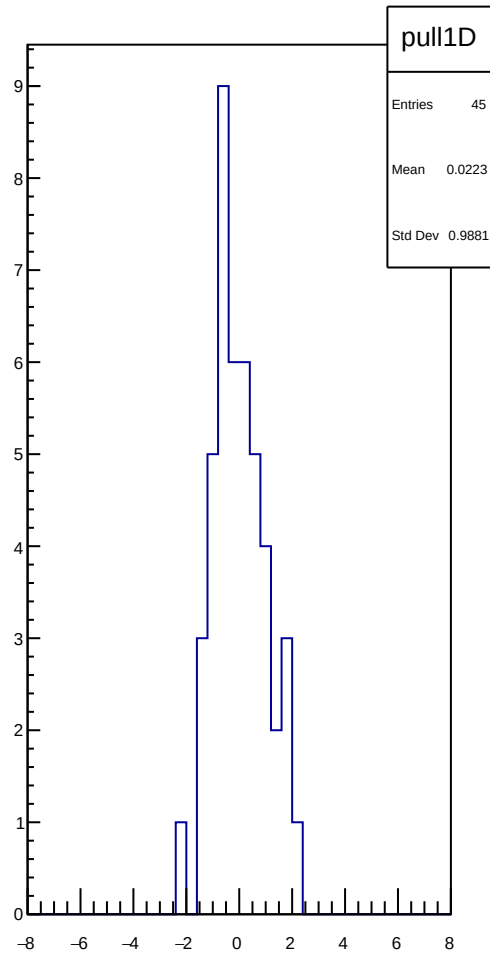
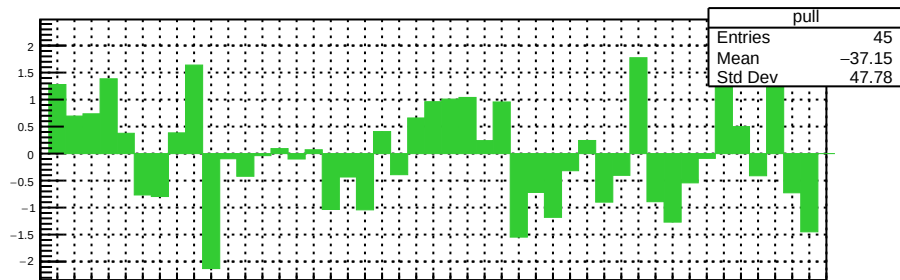
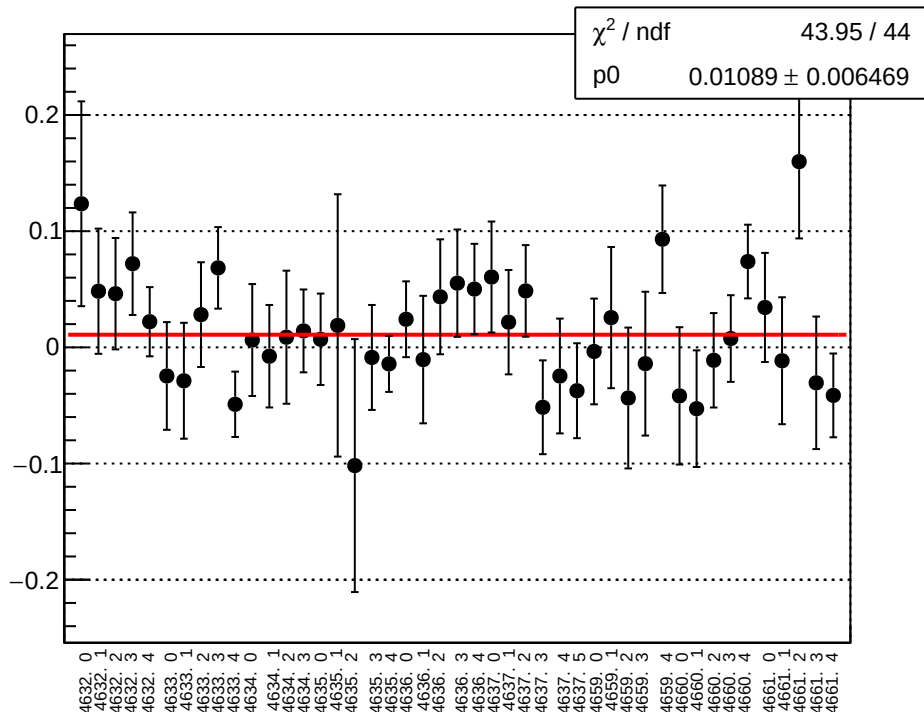
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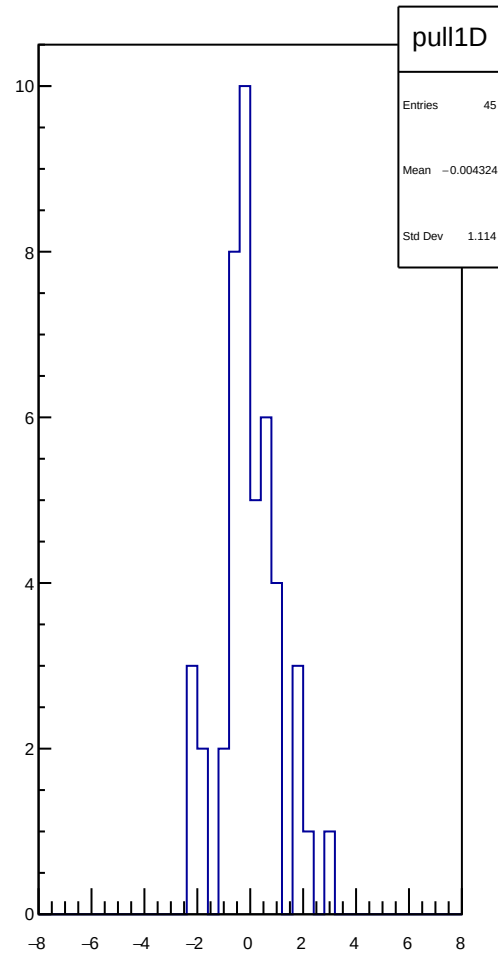
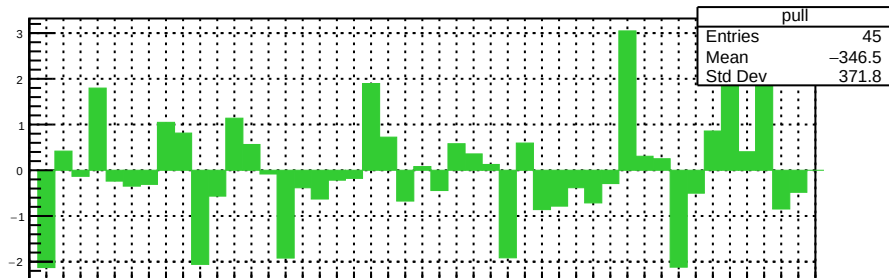
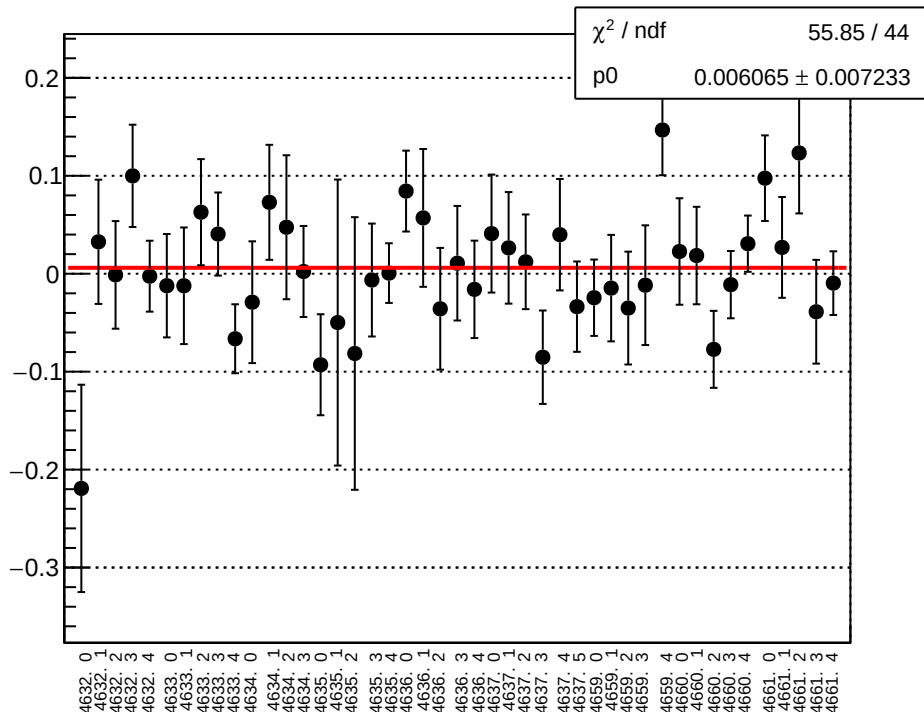
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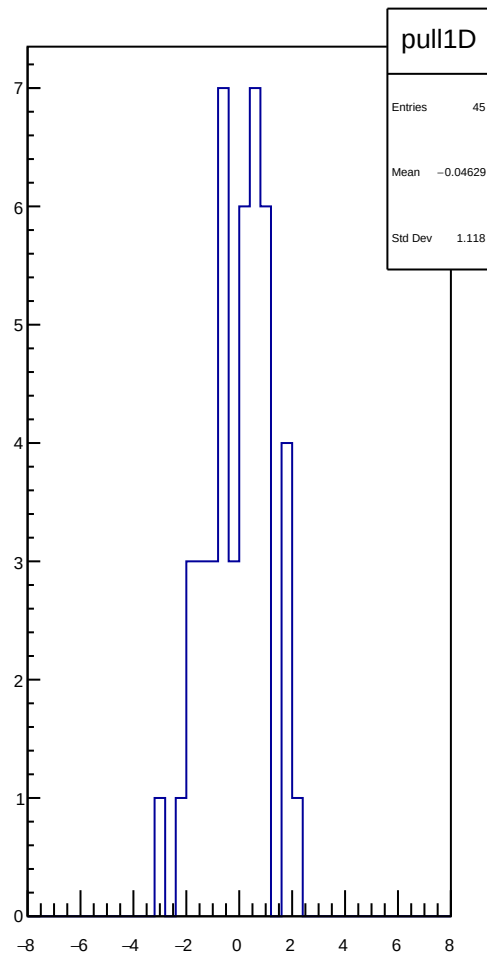
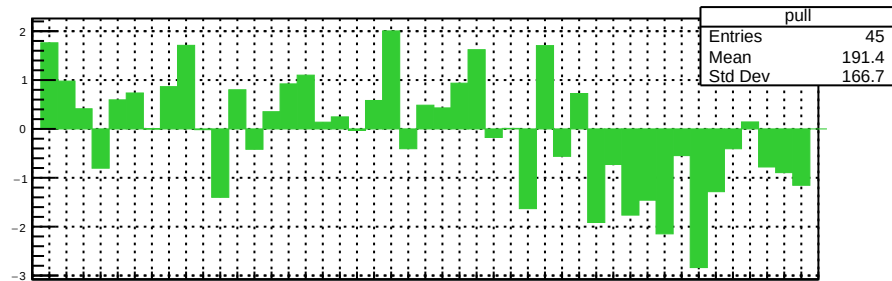
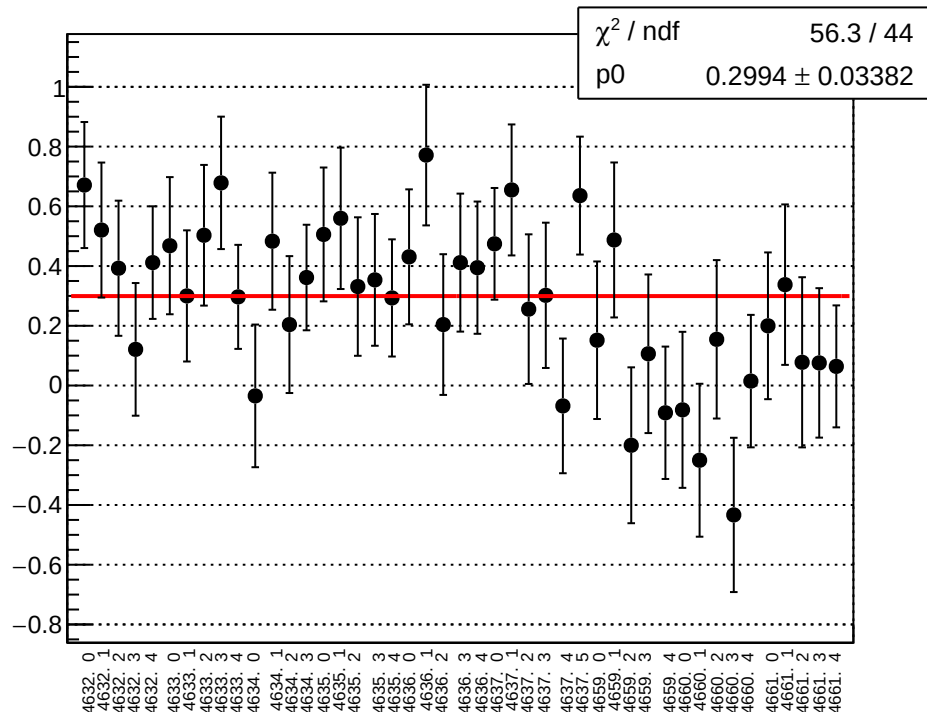
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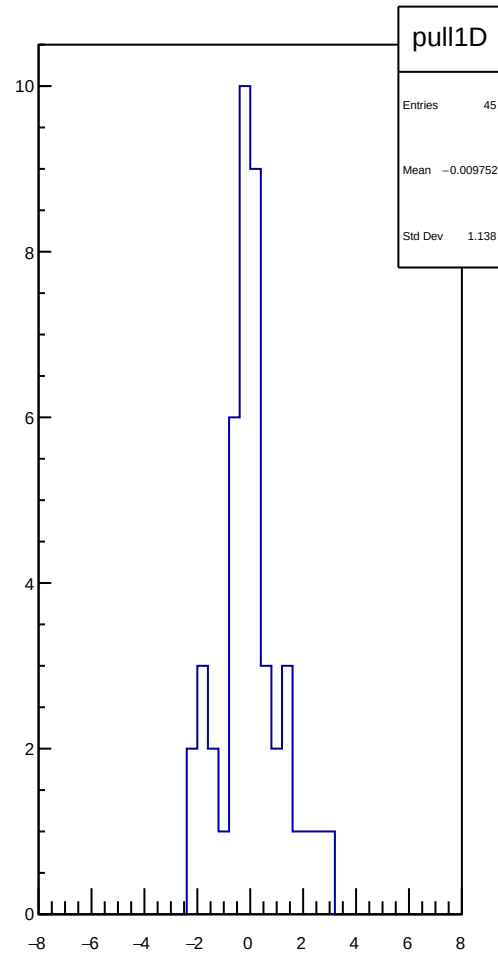
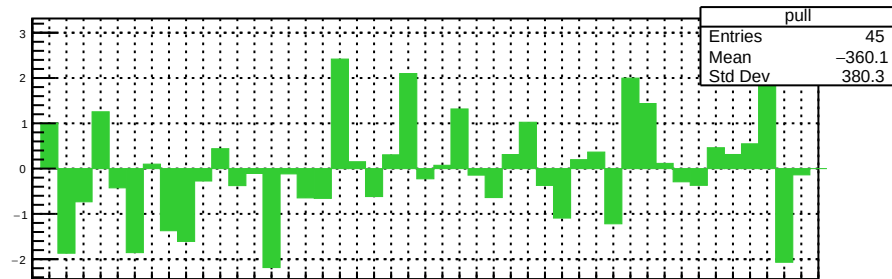
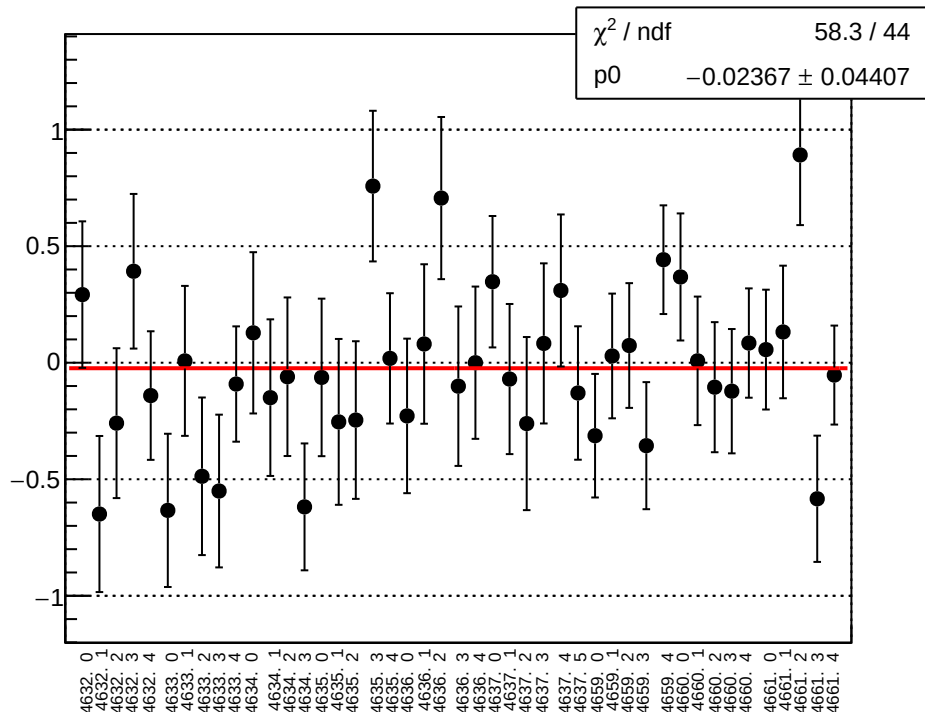
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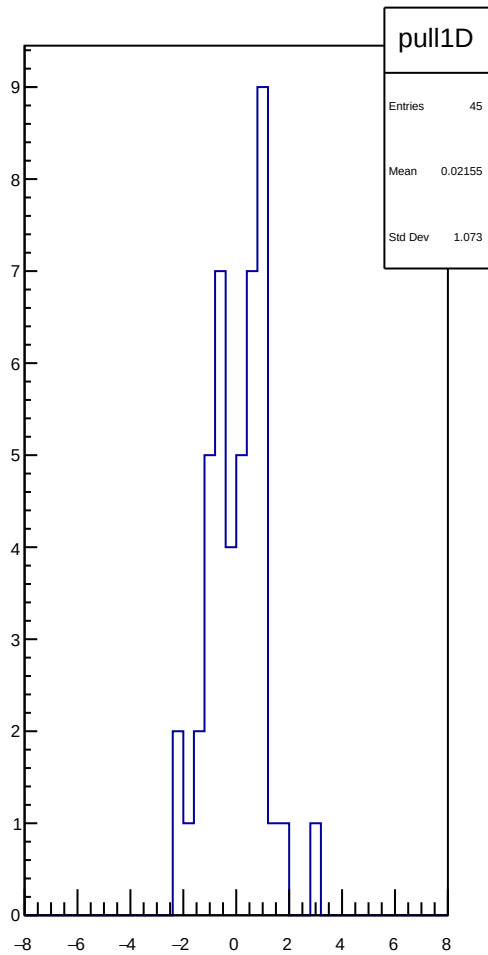
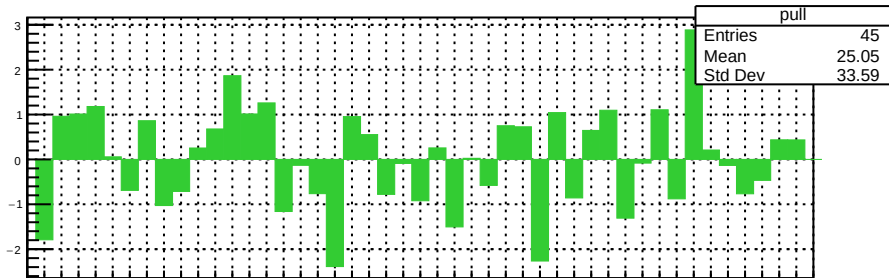
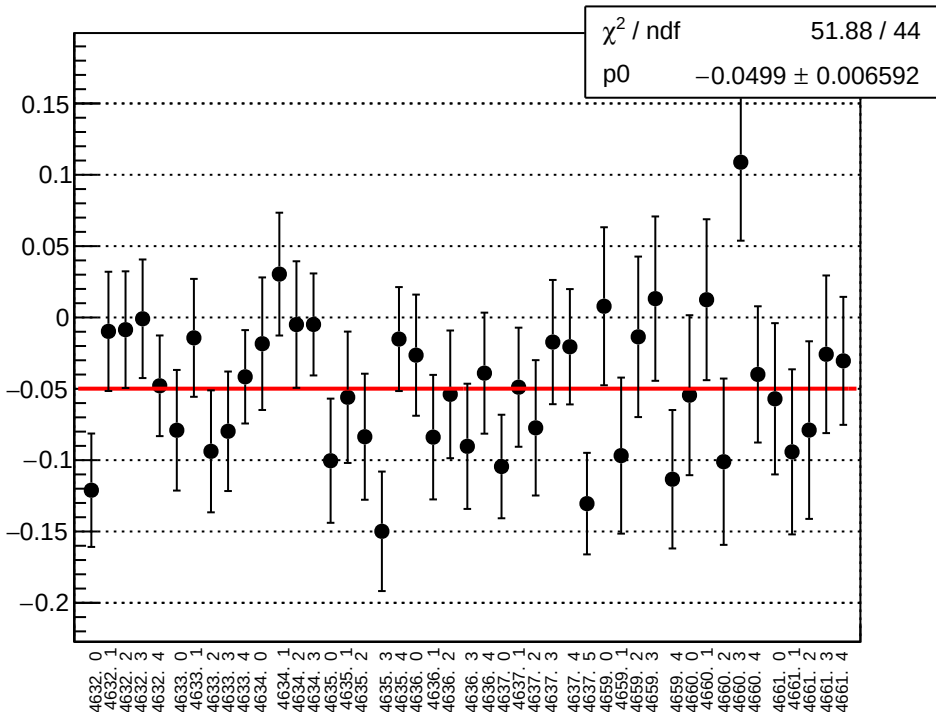
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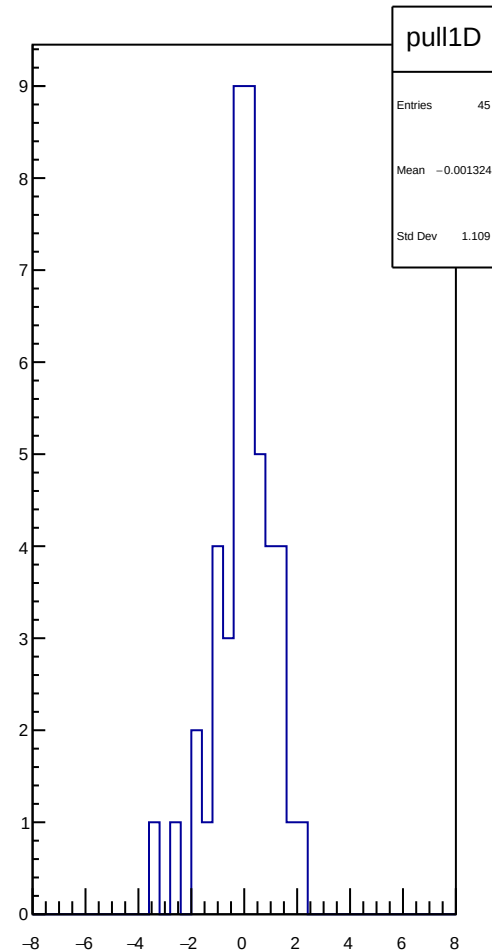
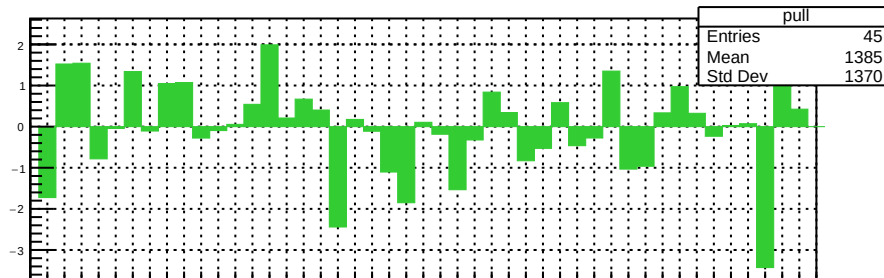
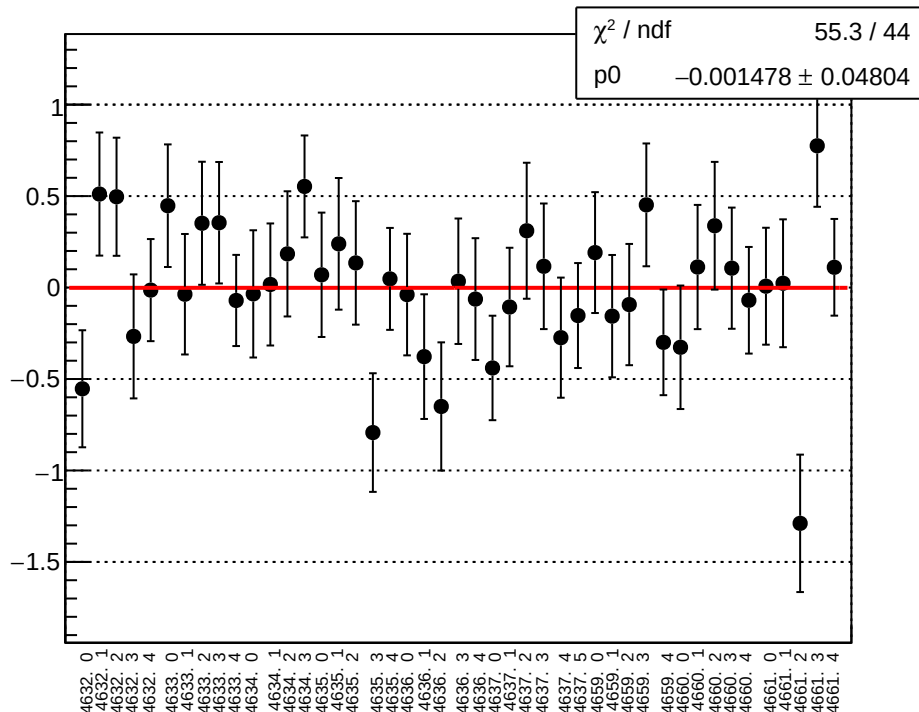
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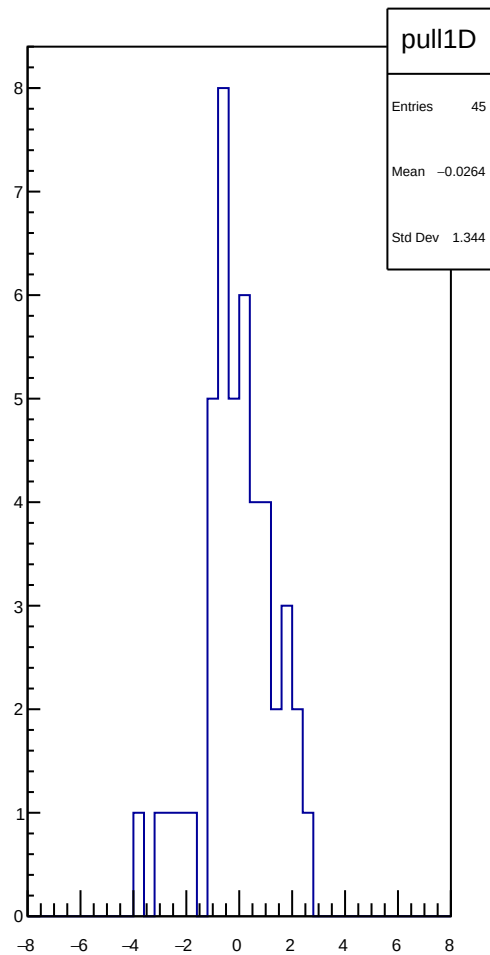
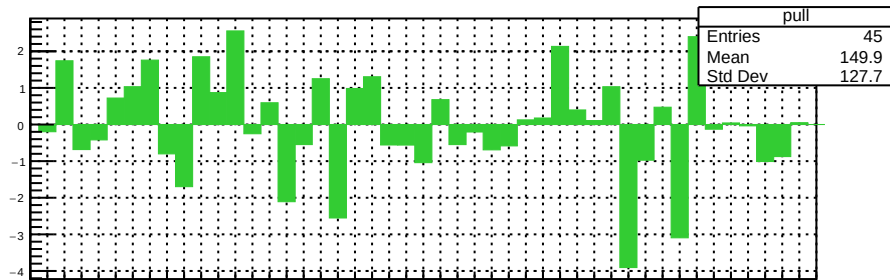
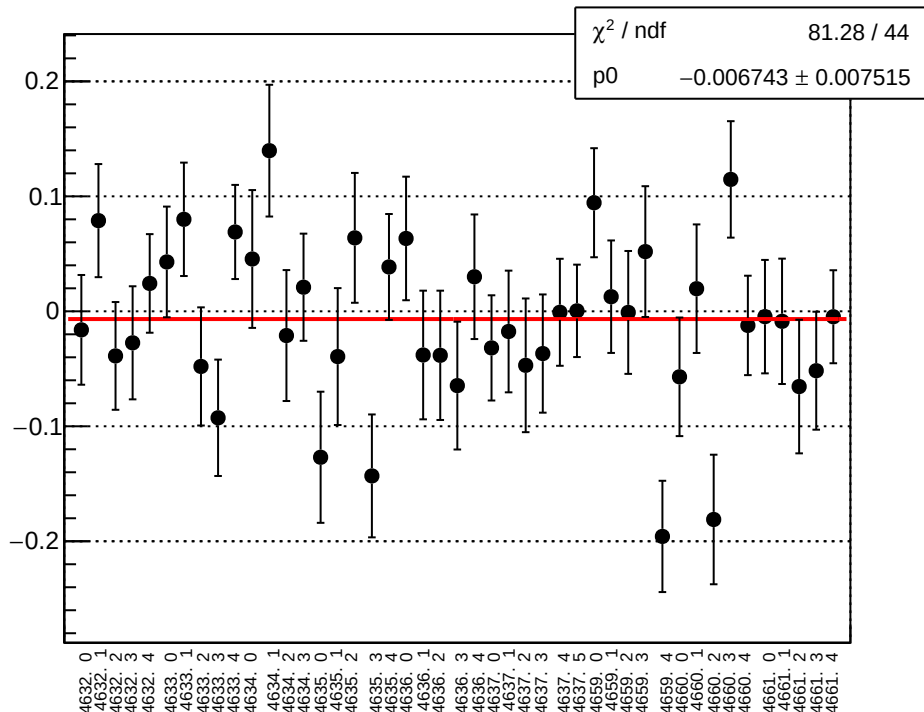
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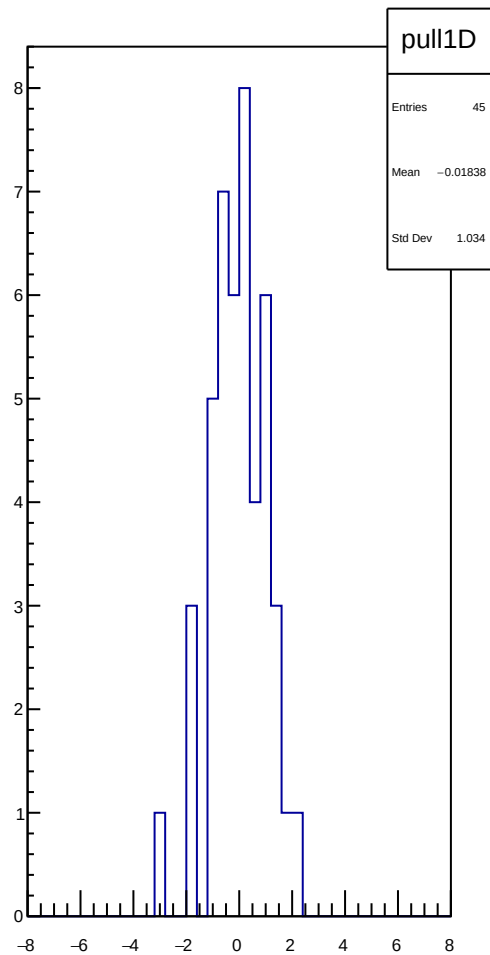
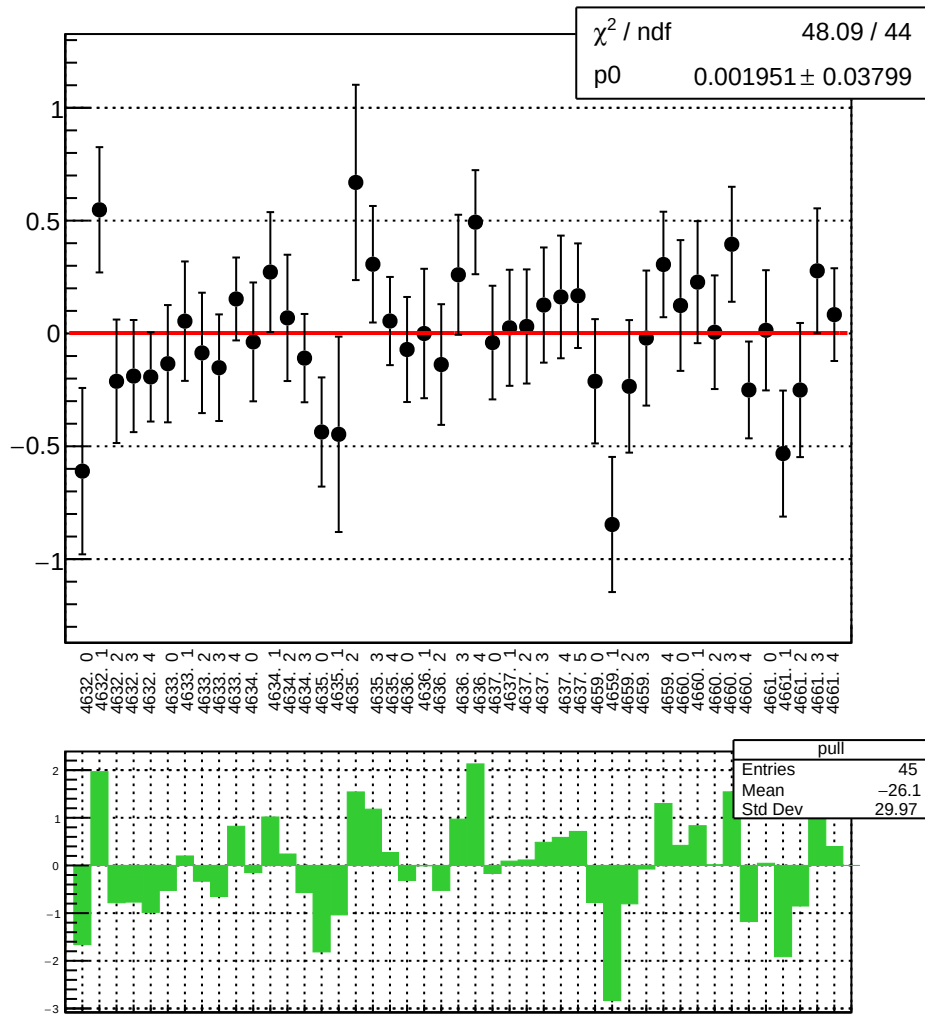
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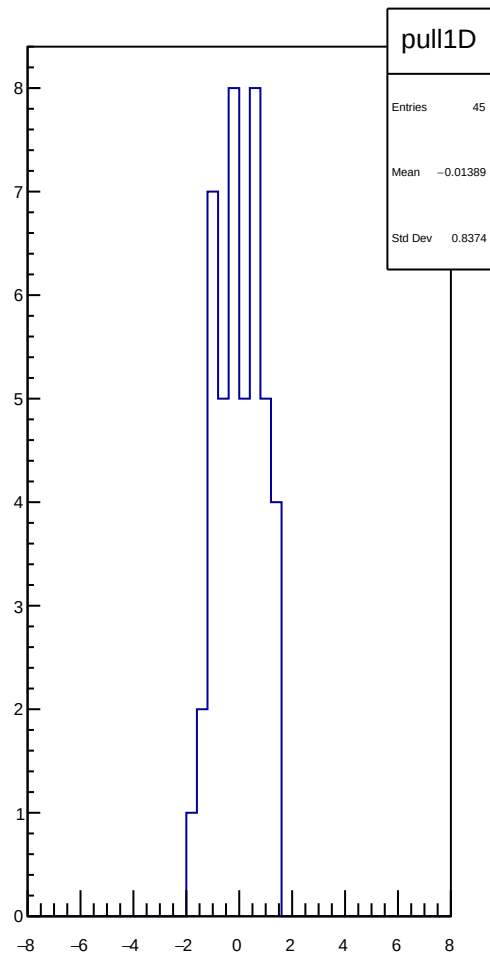
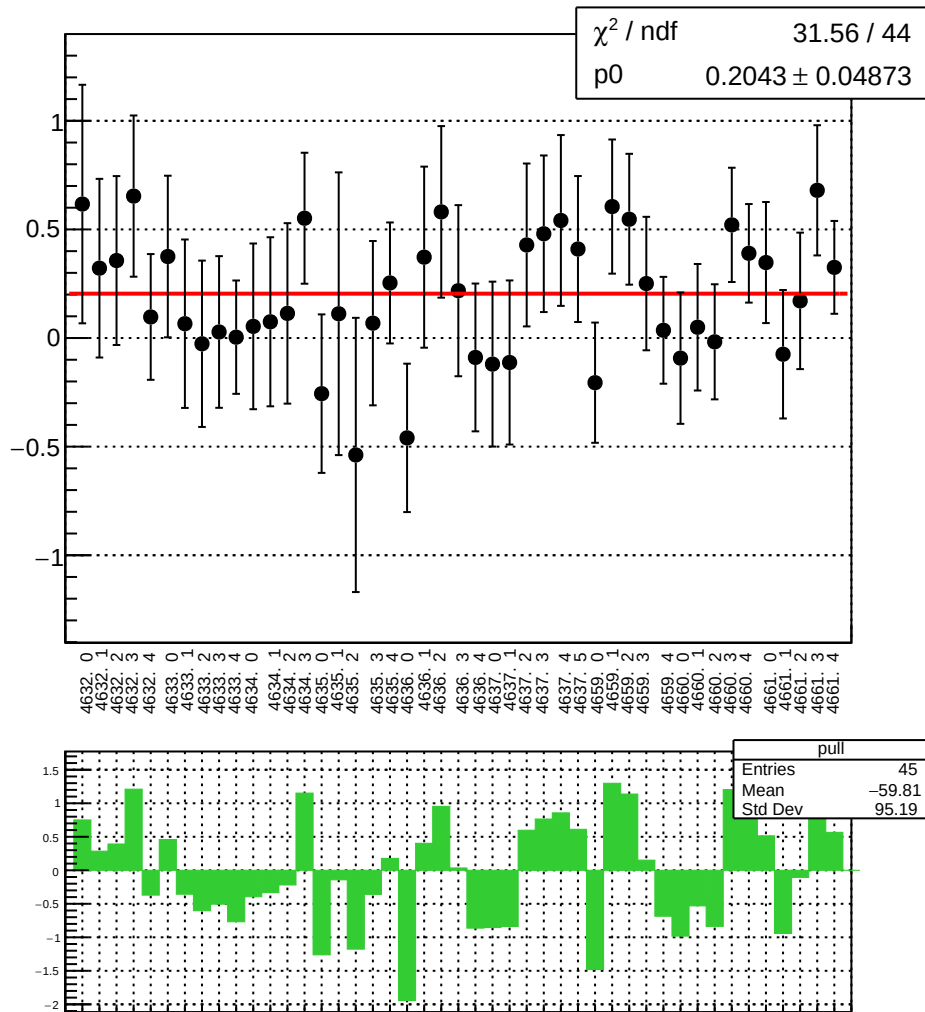
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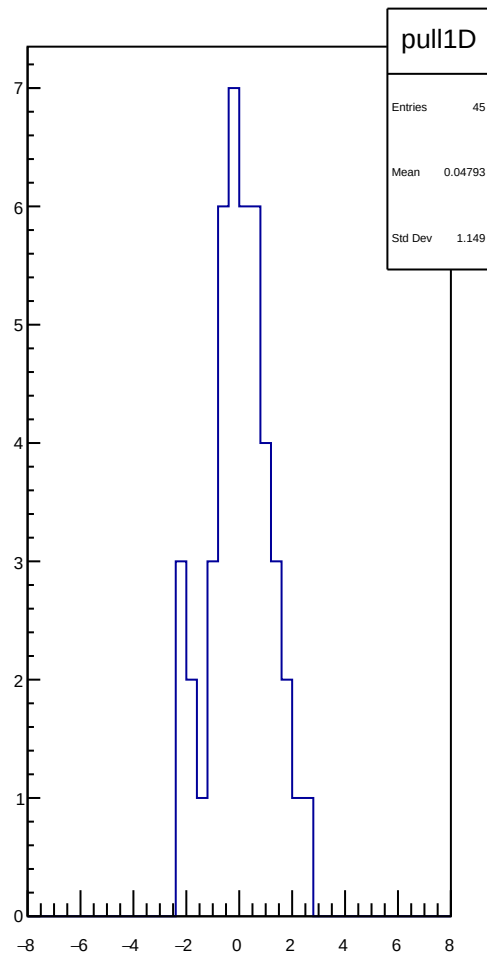
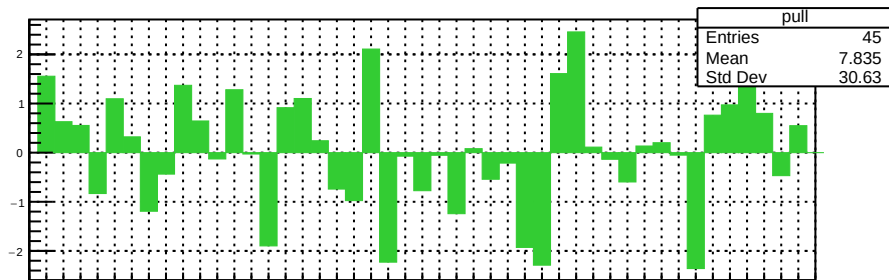
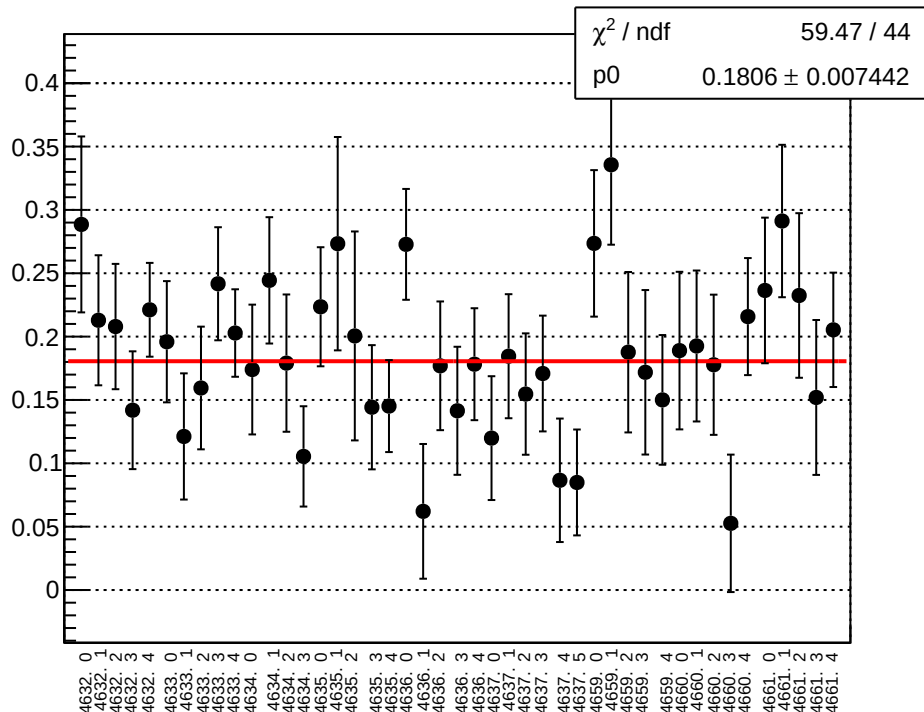
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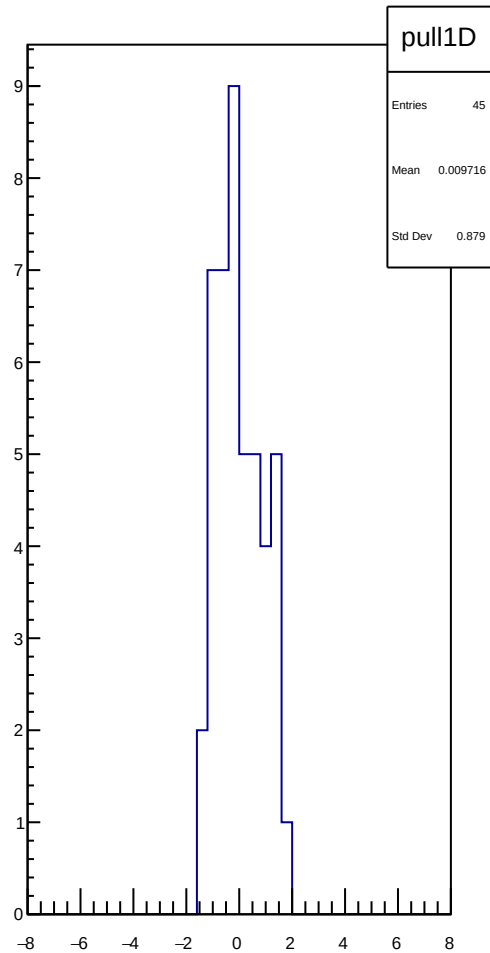
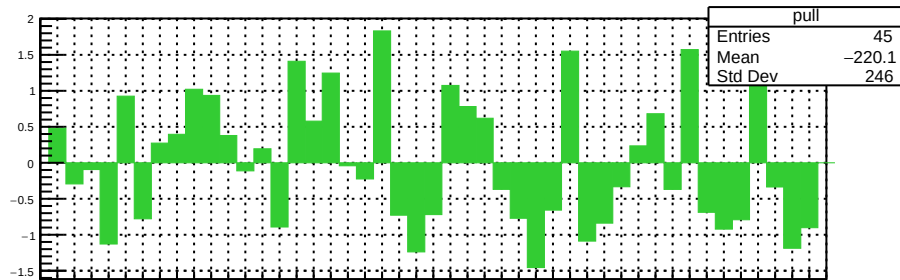
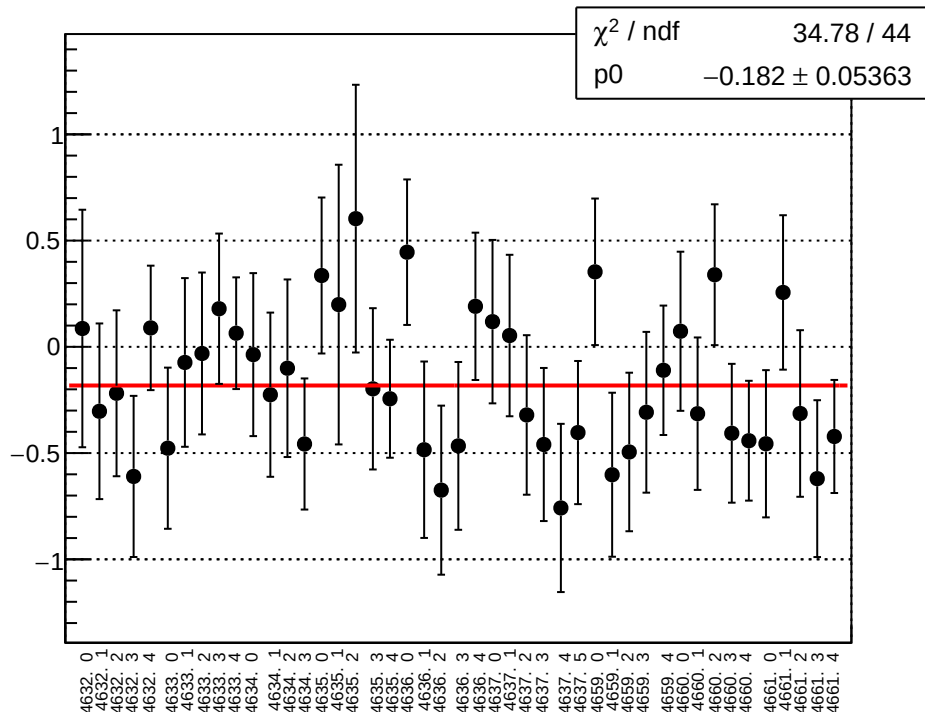
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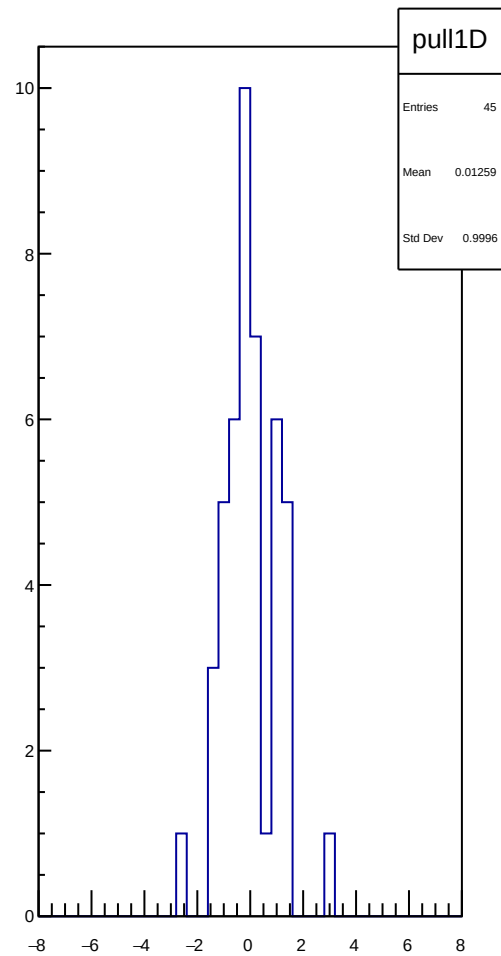
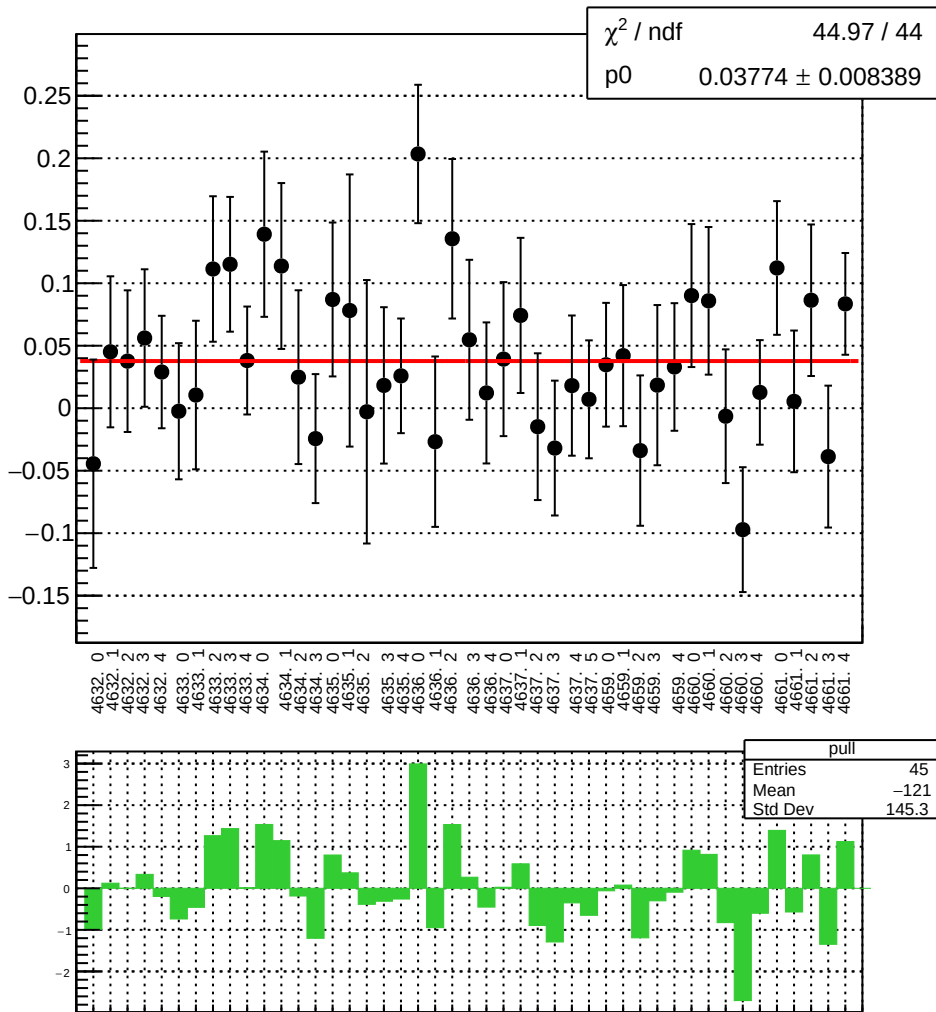
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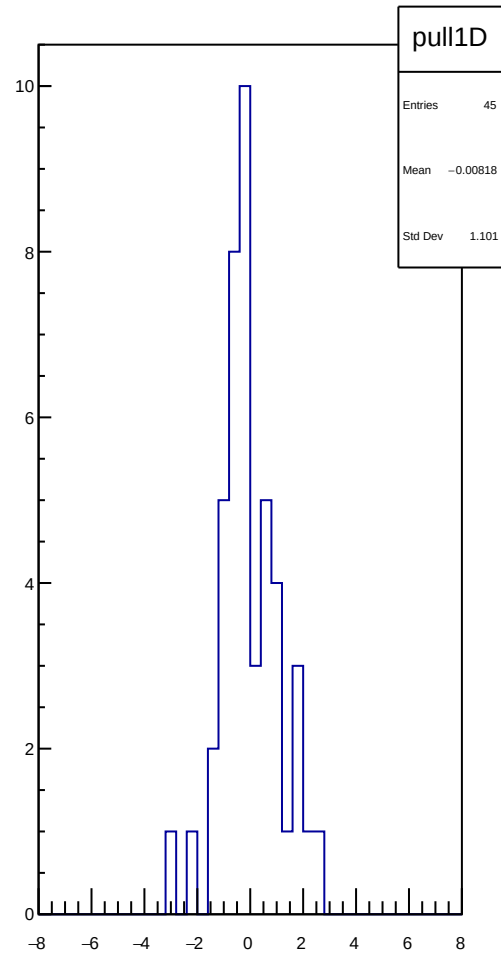
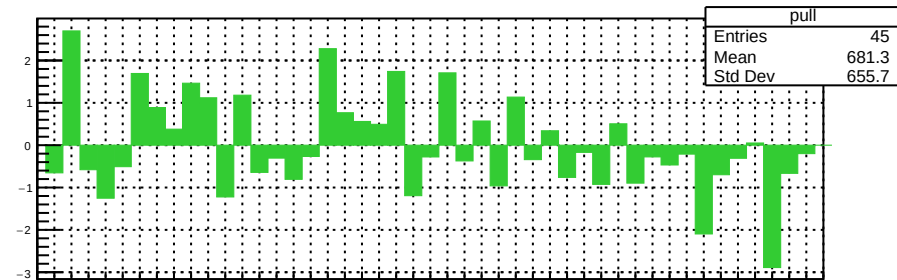
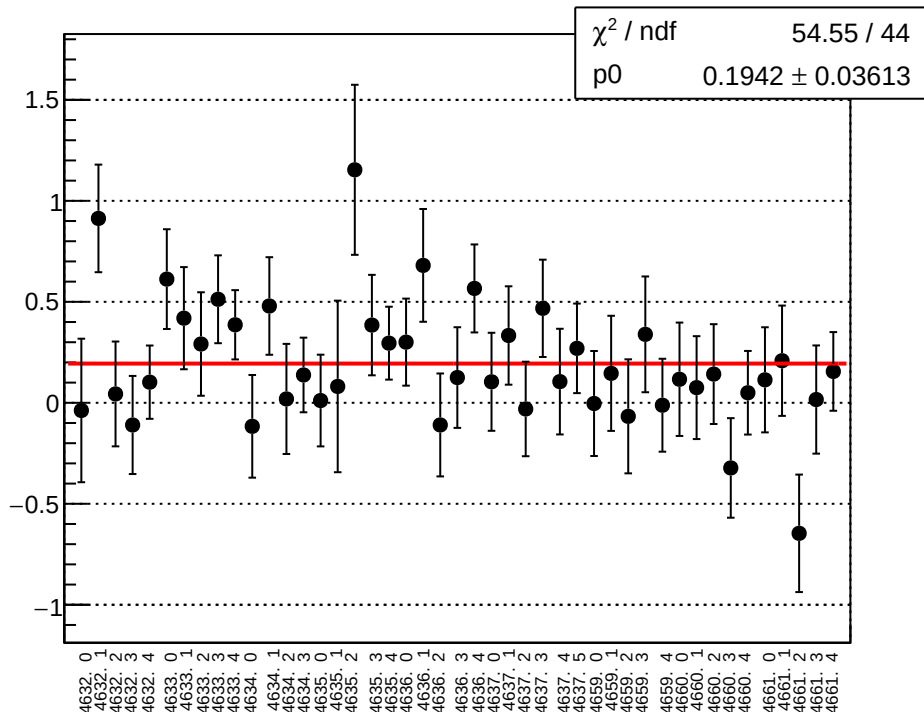
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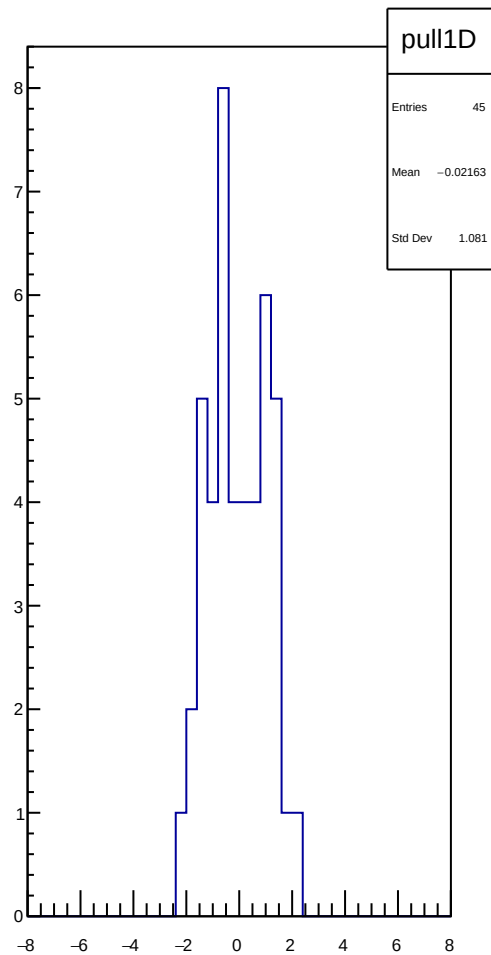
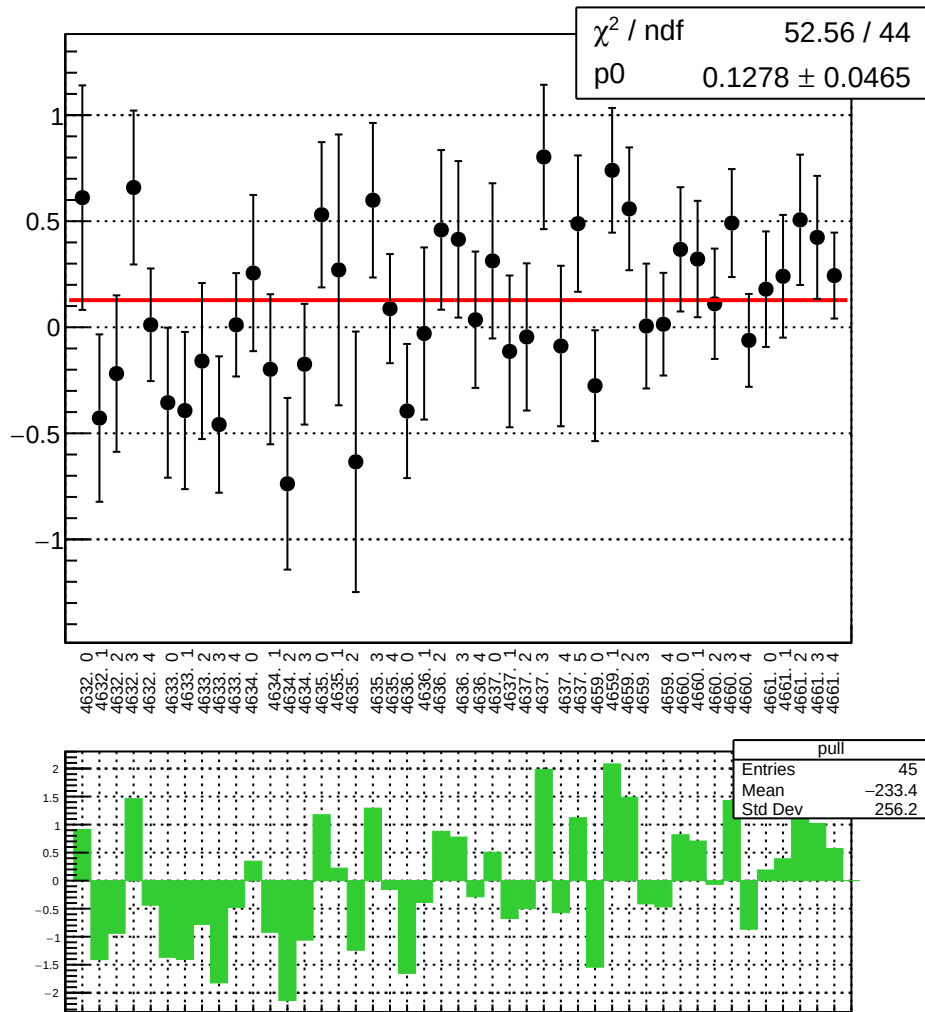
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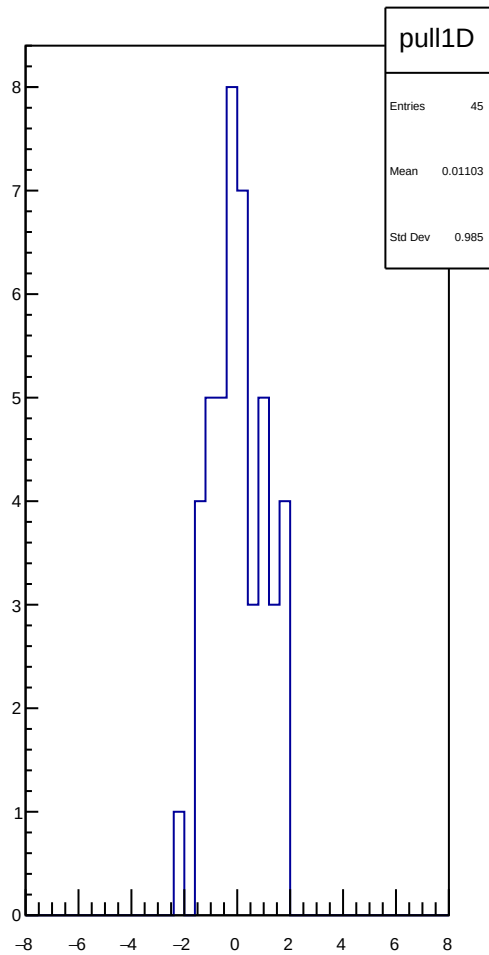
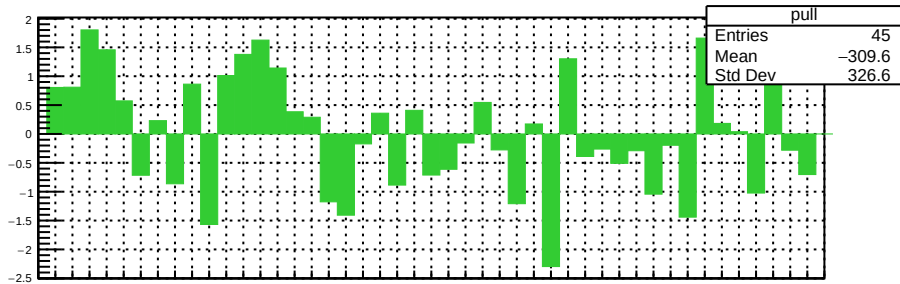
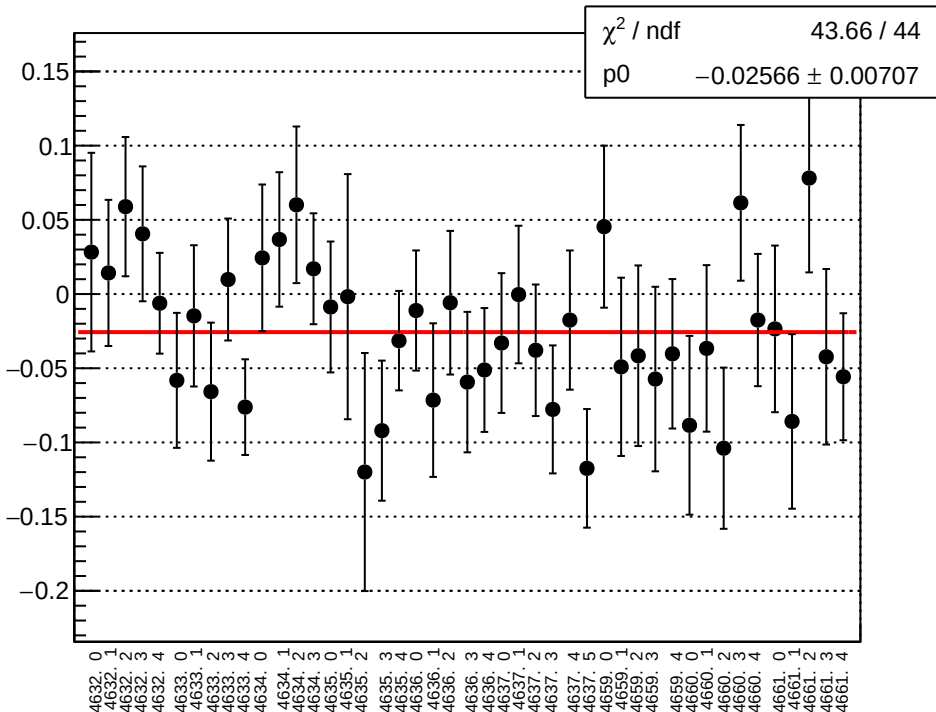
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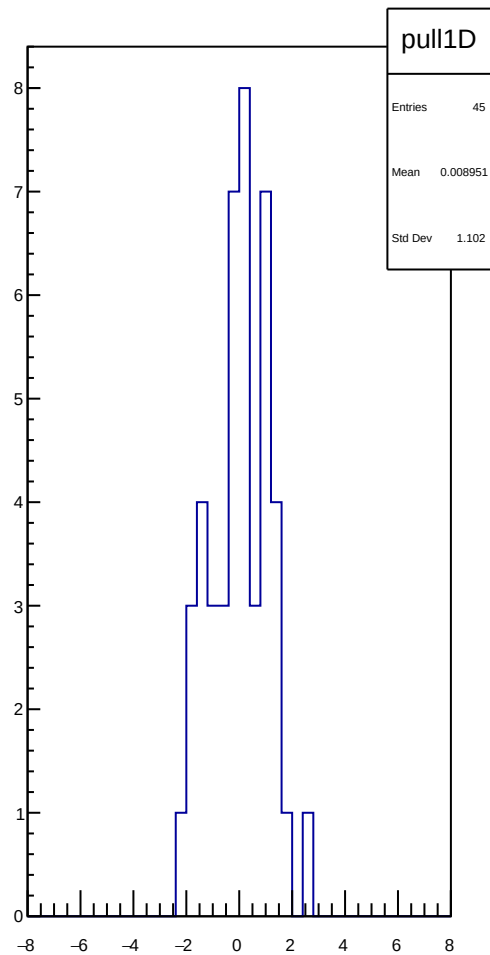
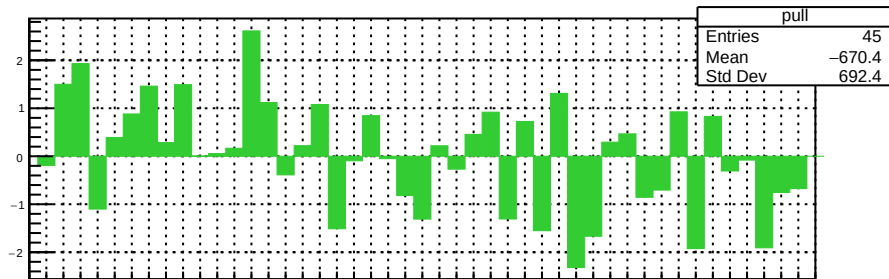
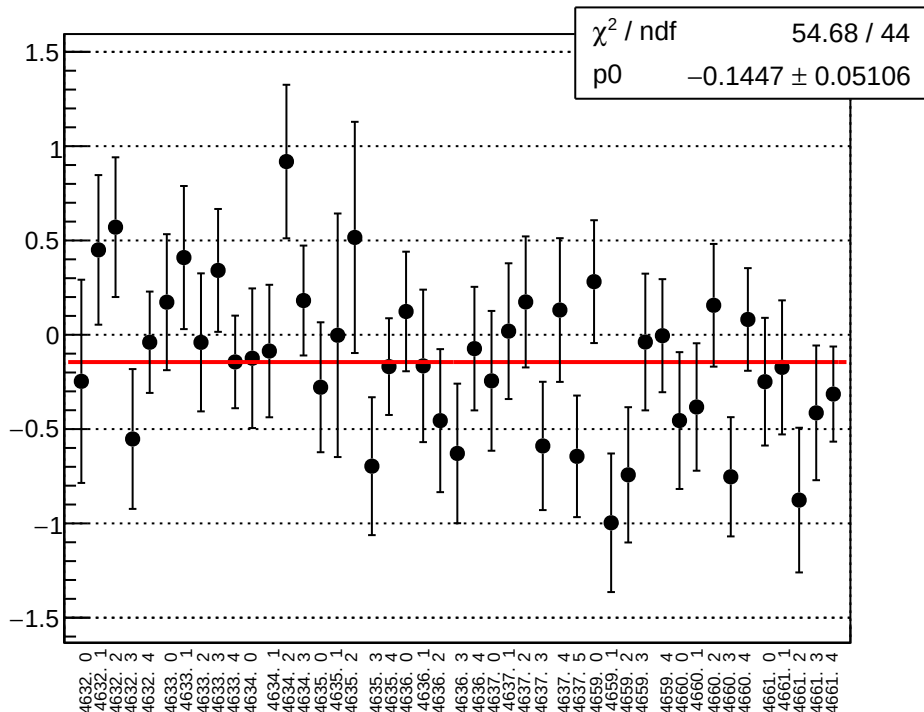
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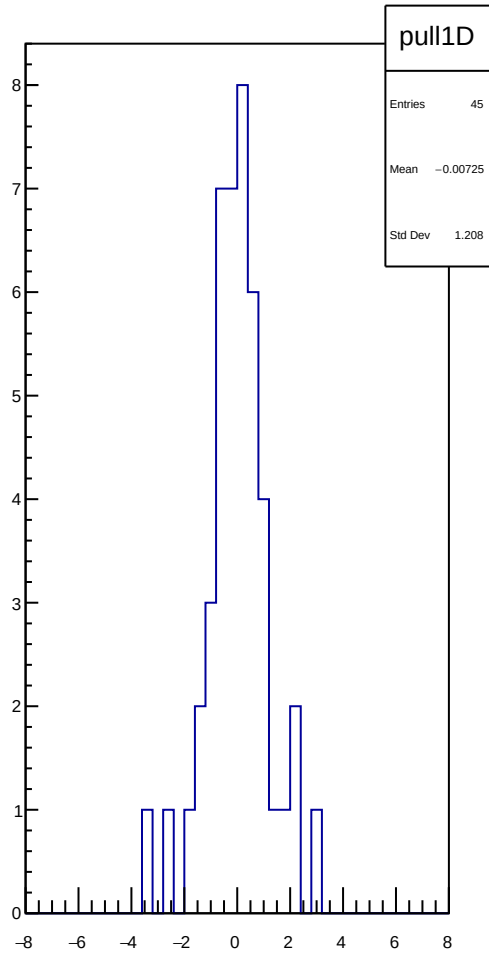
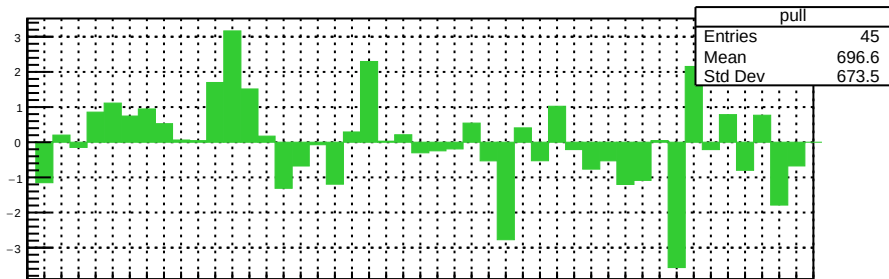
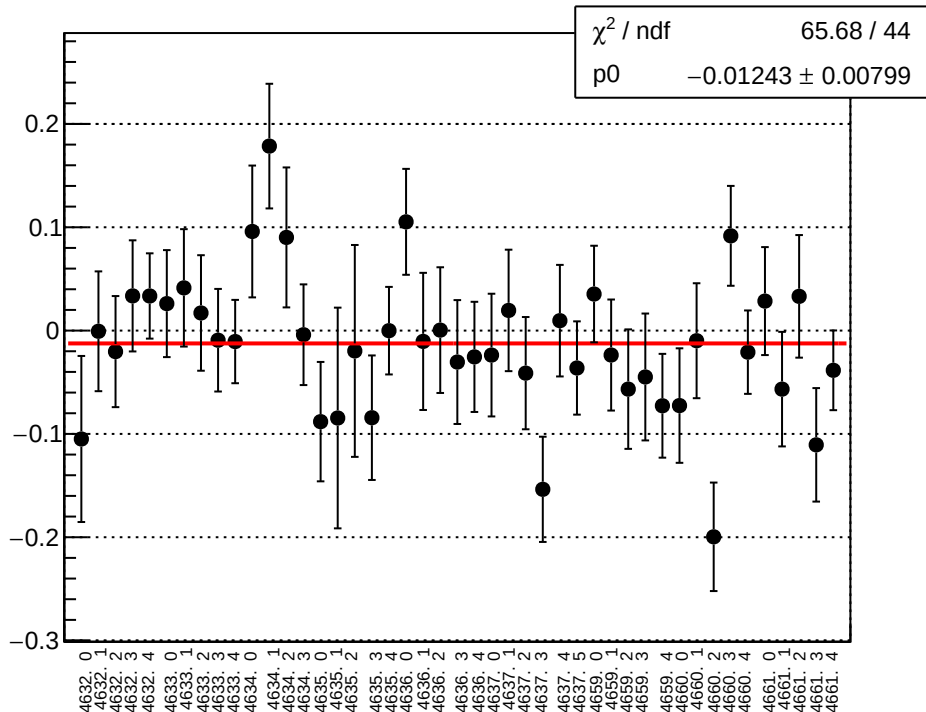
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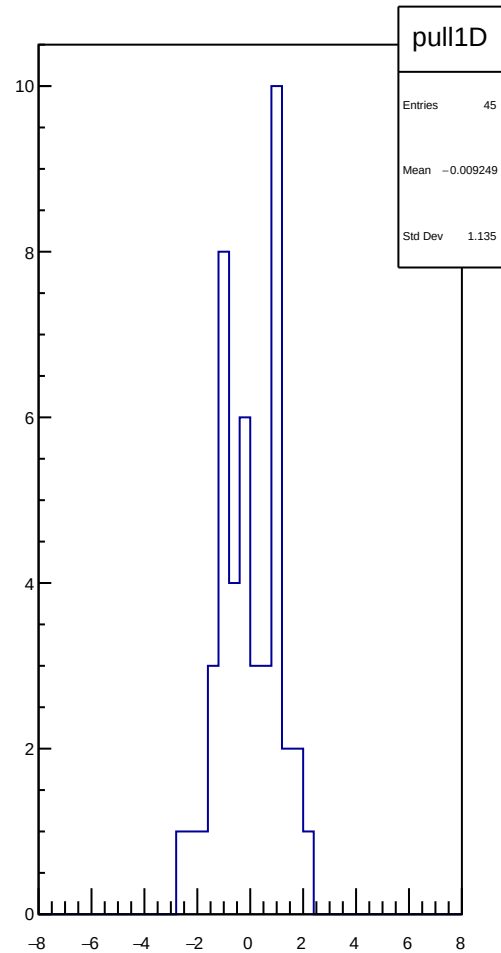
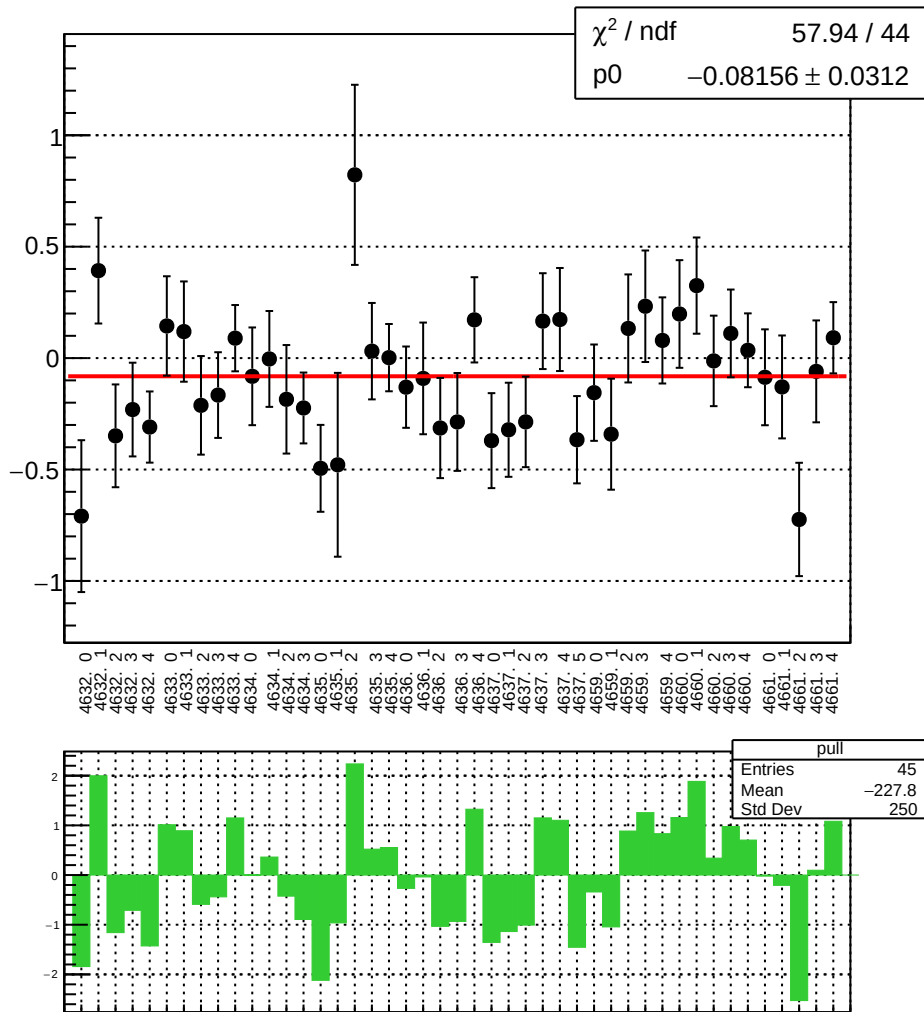
reg_bcm_dg_us_ds_dd_diff_bpm4eY_slope vs run



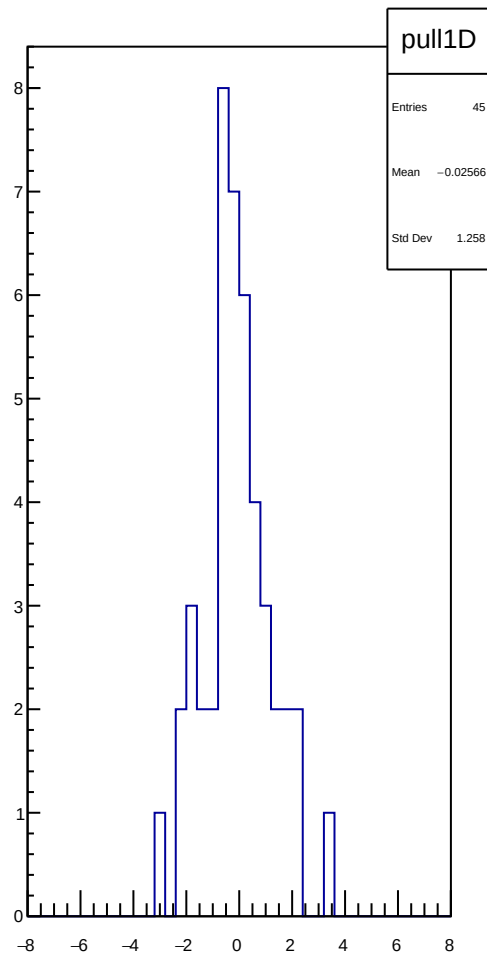
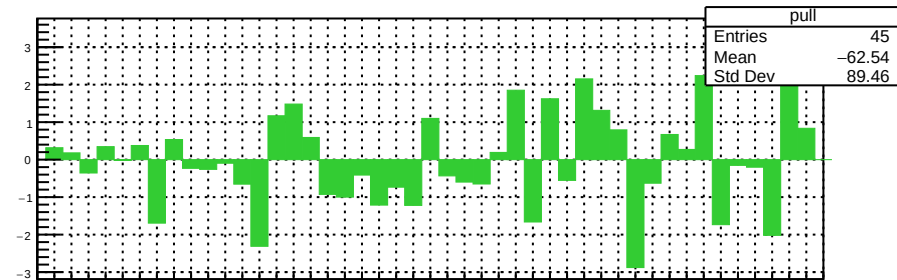
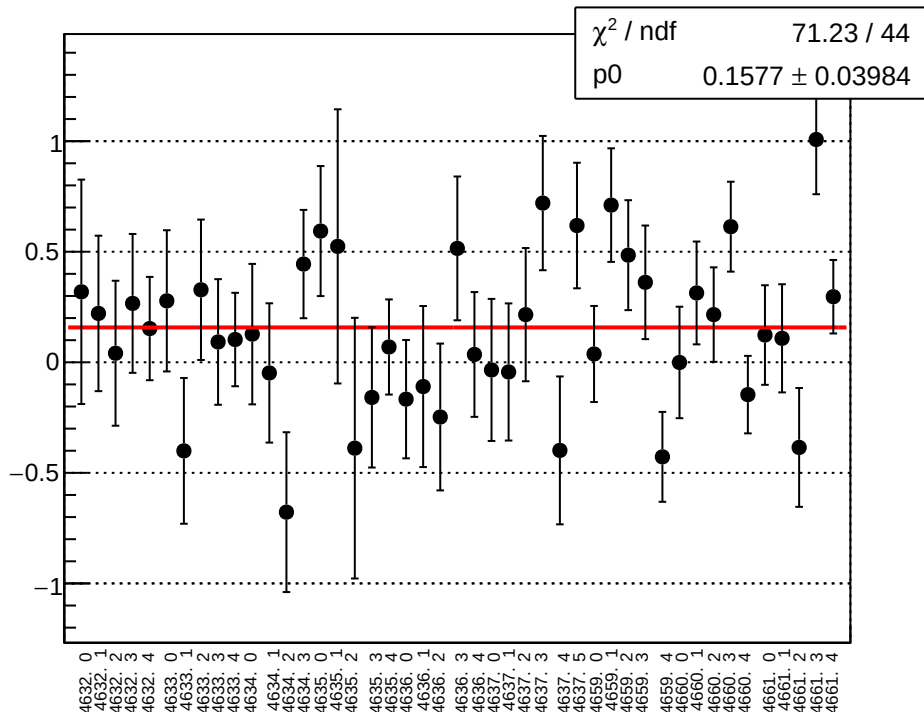
reg bcm dg us ds dd diff bpm11X slope vs run



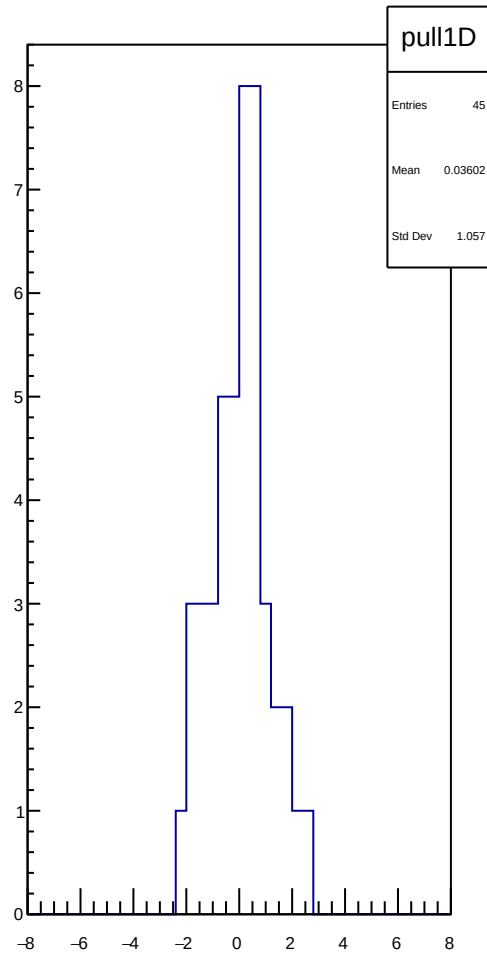
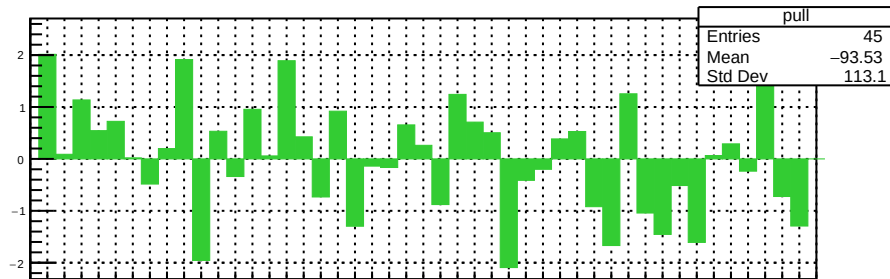
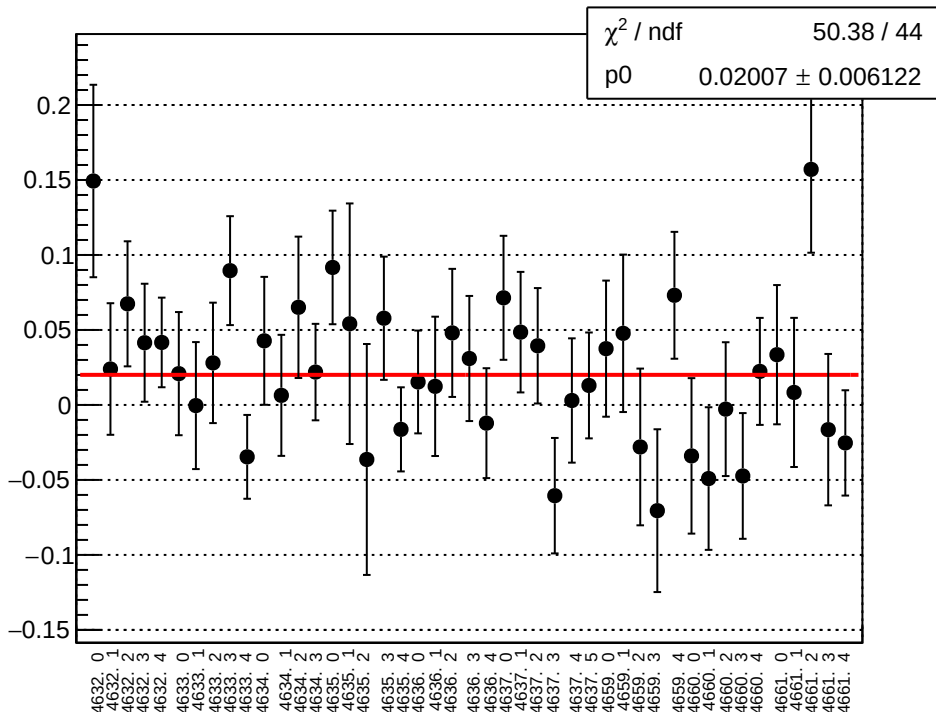
reg_bcm_dg_ds_ds_dd_diff_bpm4aX_slope vs run



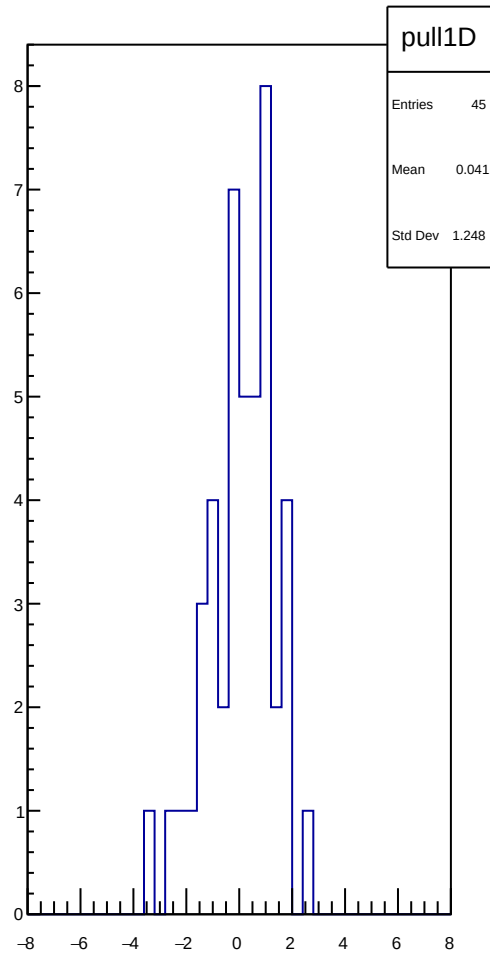
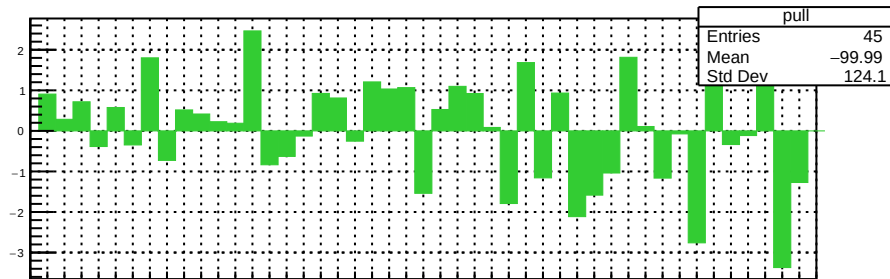
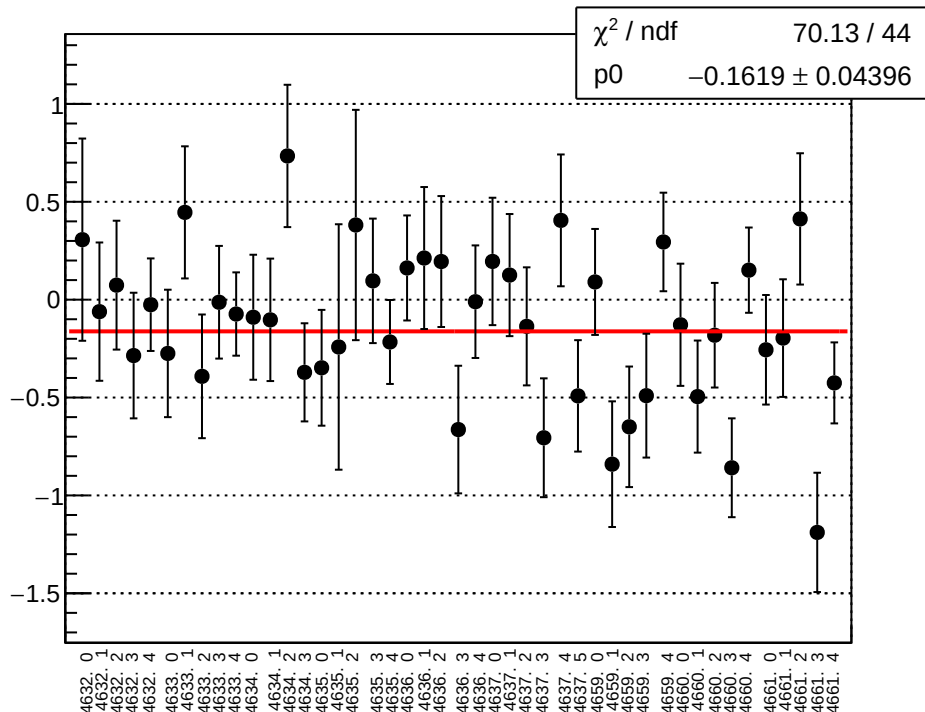
reg_bcm_dg_ds_ds_dd_diff_bpm4aY_slope vs run



reg_bcm_dg_ds_ds_dd_diff_bpm4eX_slope vs run



reg_bcm_dg_ds_ds_dd_diff_bpm4eY_slope vs run



reg_bcm_dg_ds_ds_dd_diff_bpm11X_slope vs run

