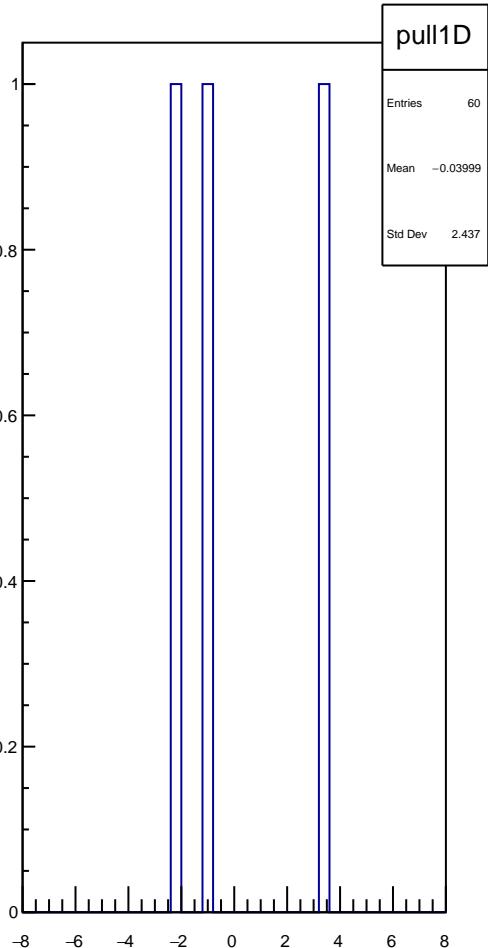
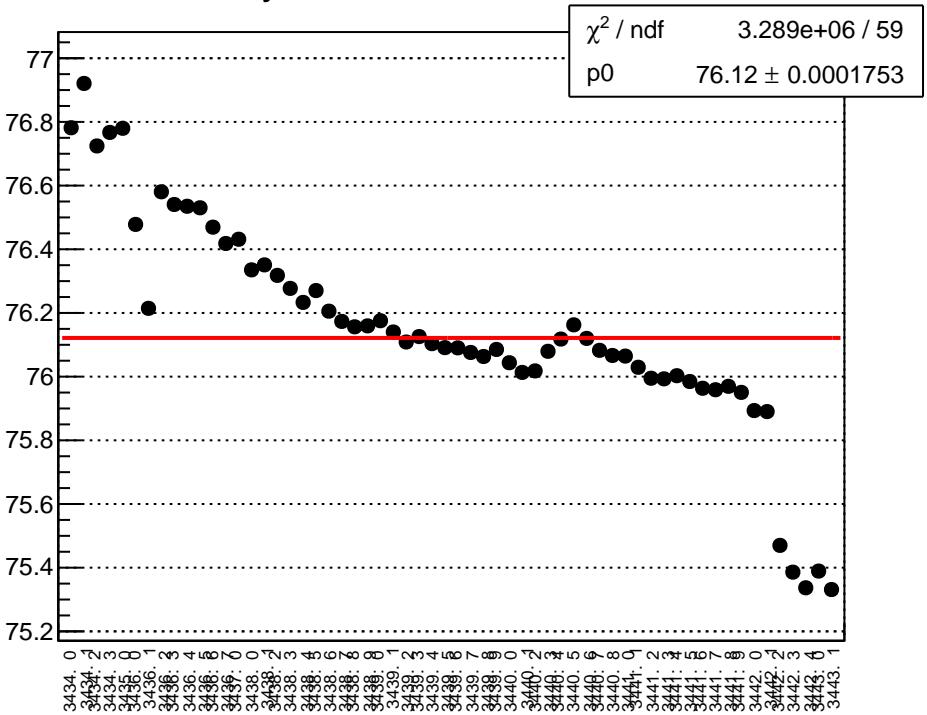
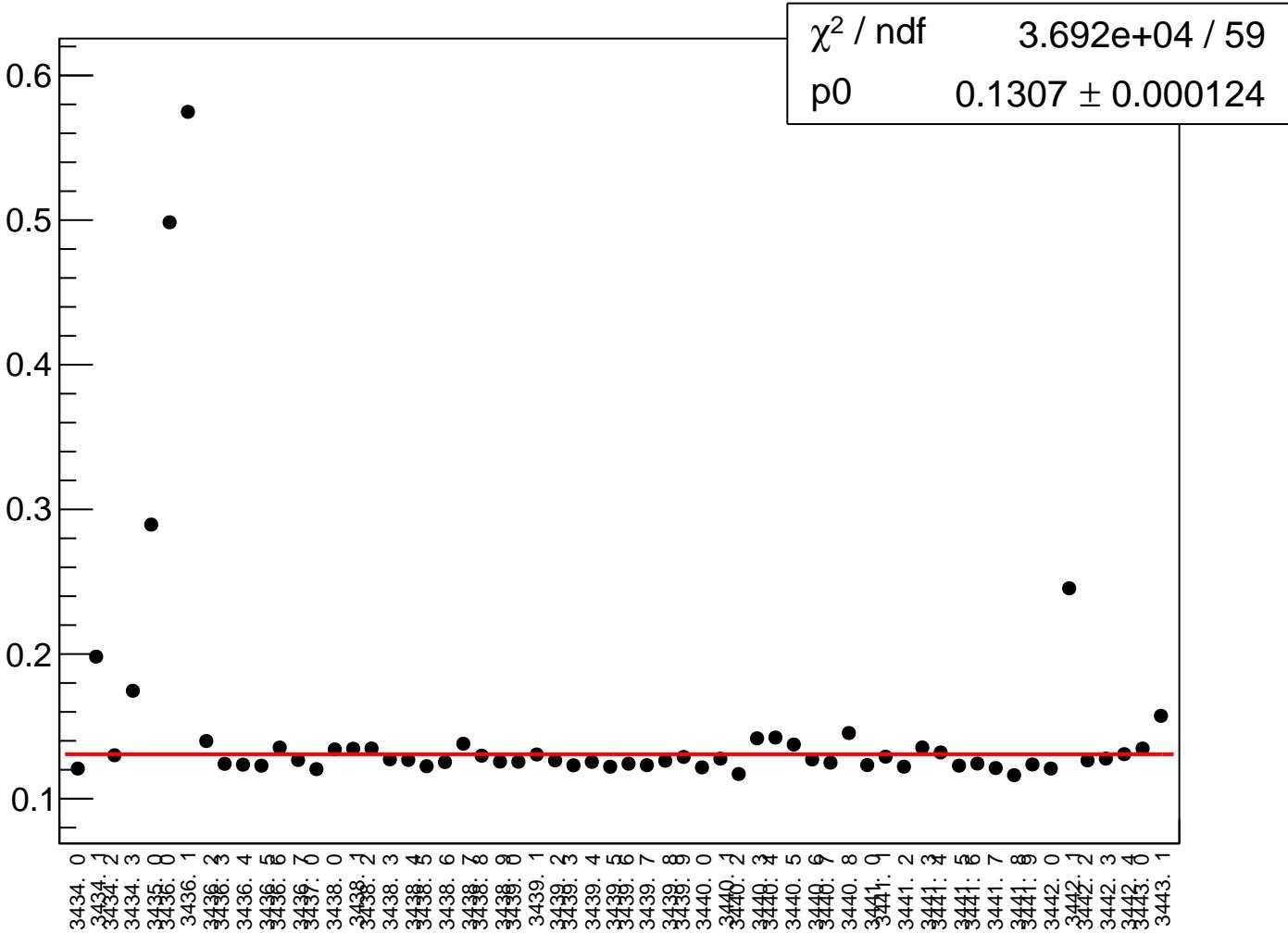


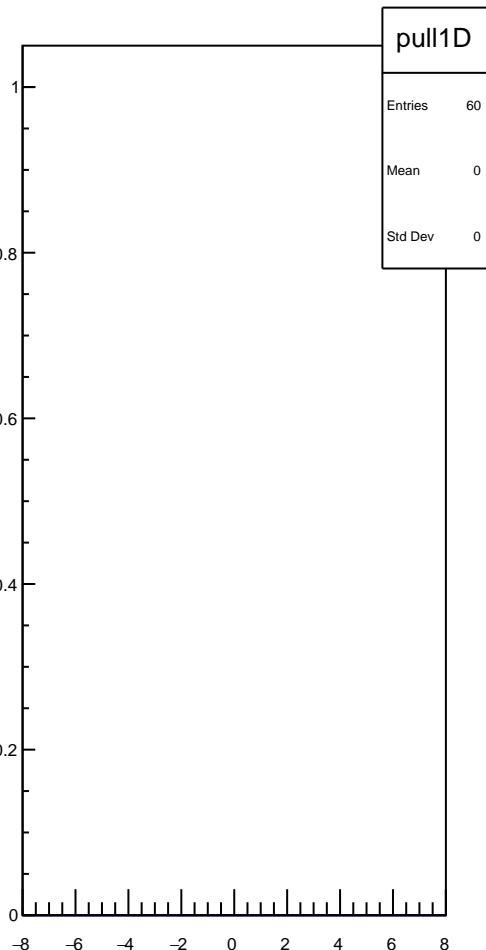
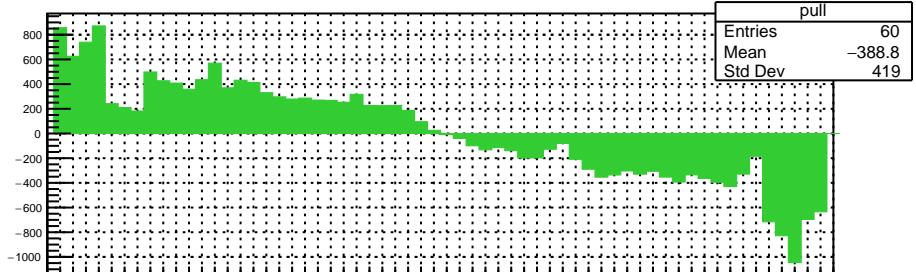
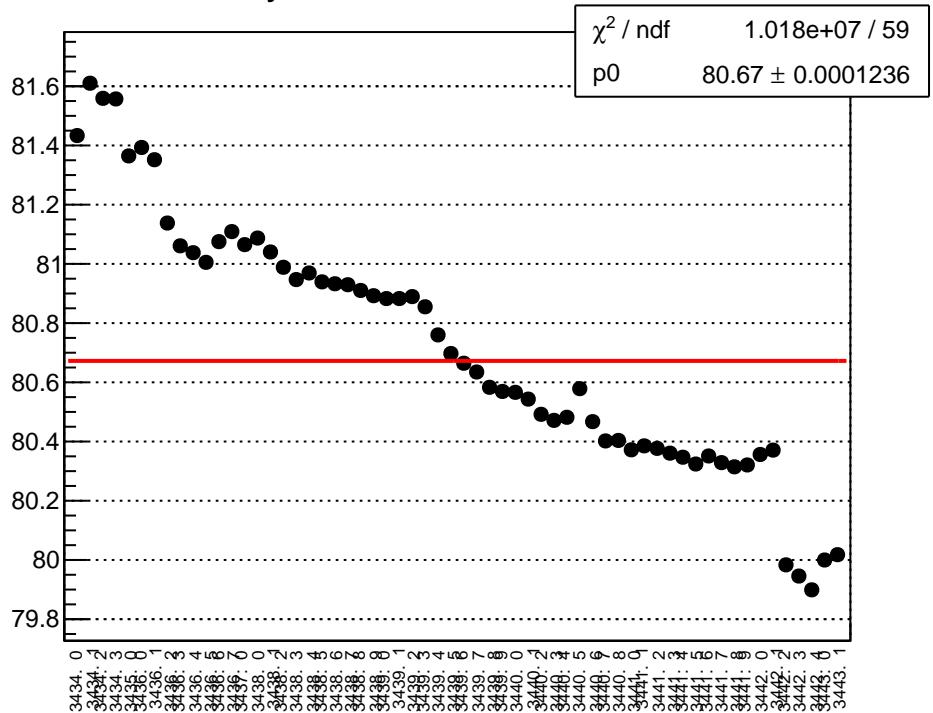
yield_usl_mean vs run



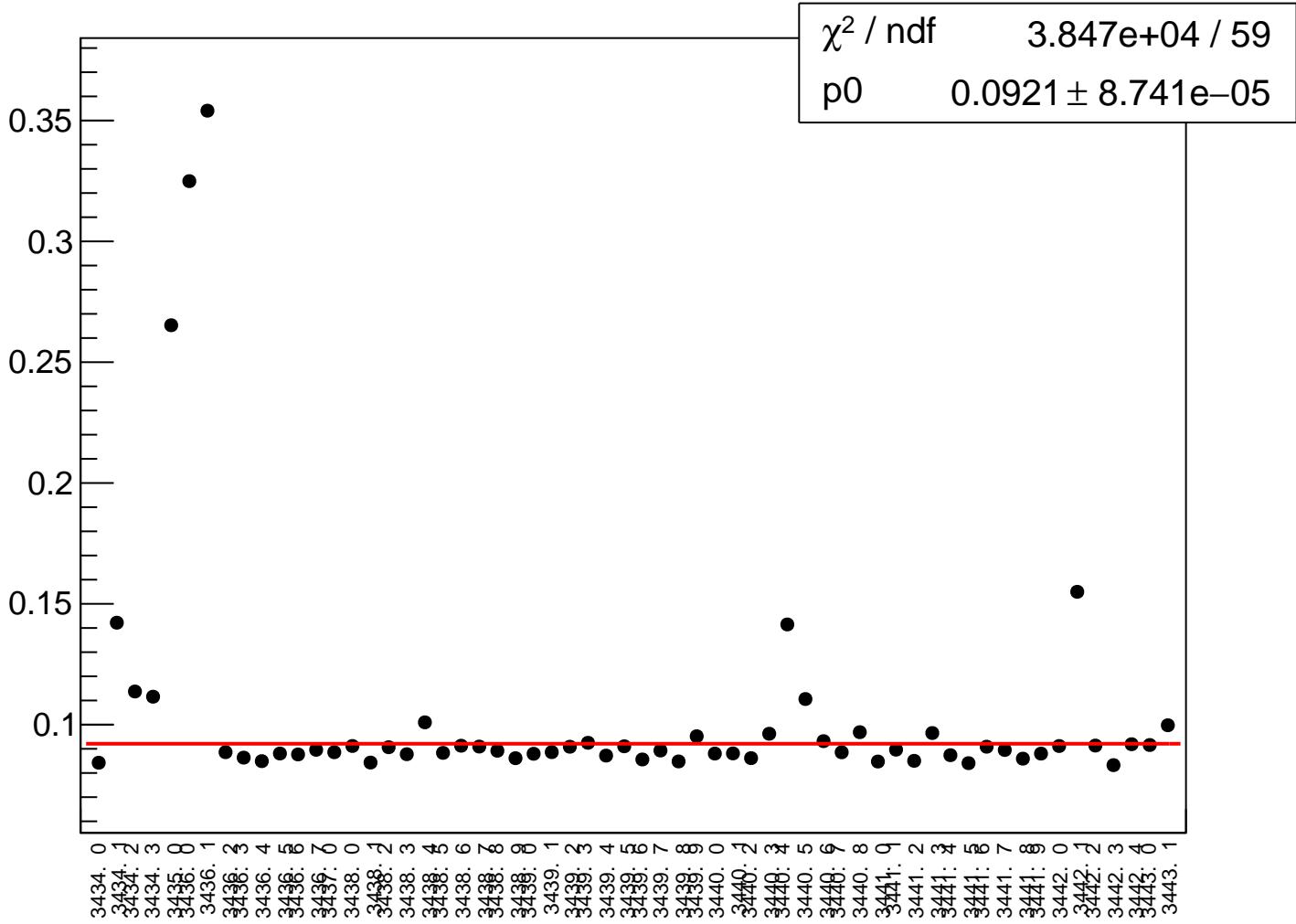
yield_usl_rms vs run



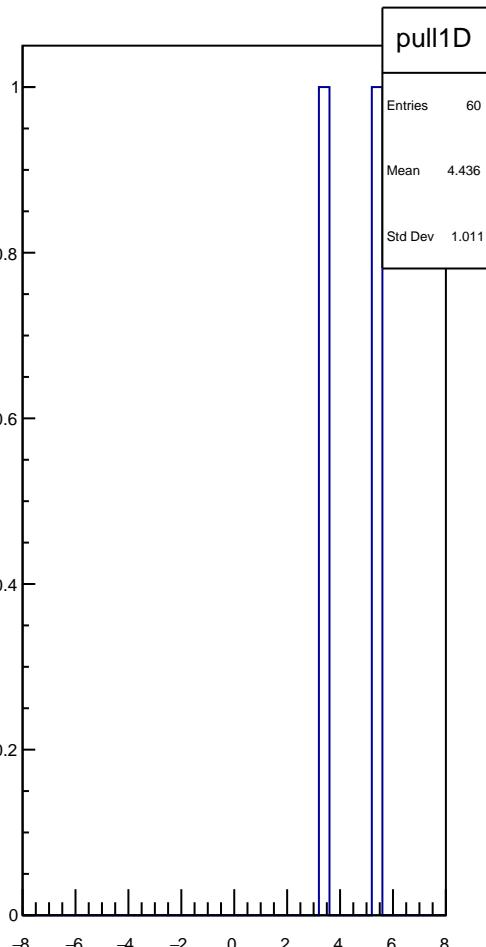
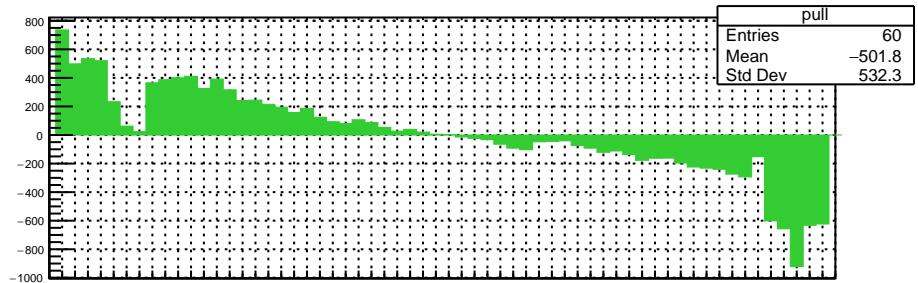
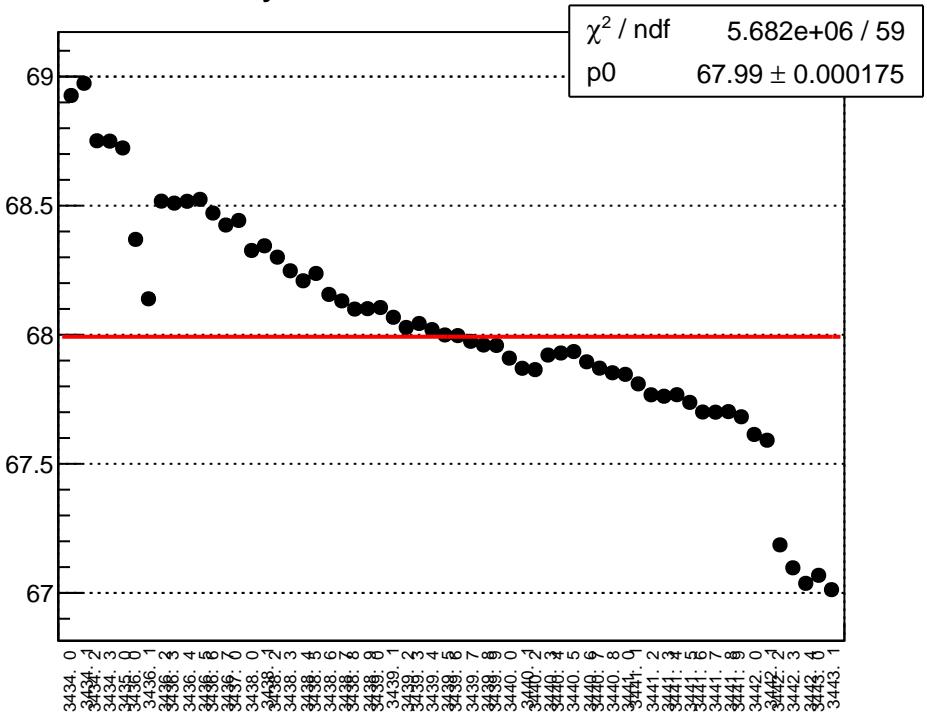
yield_usr_mean vs run



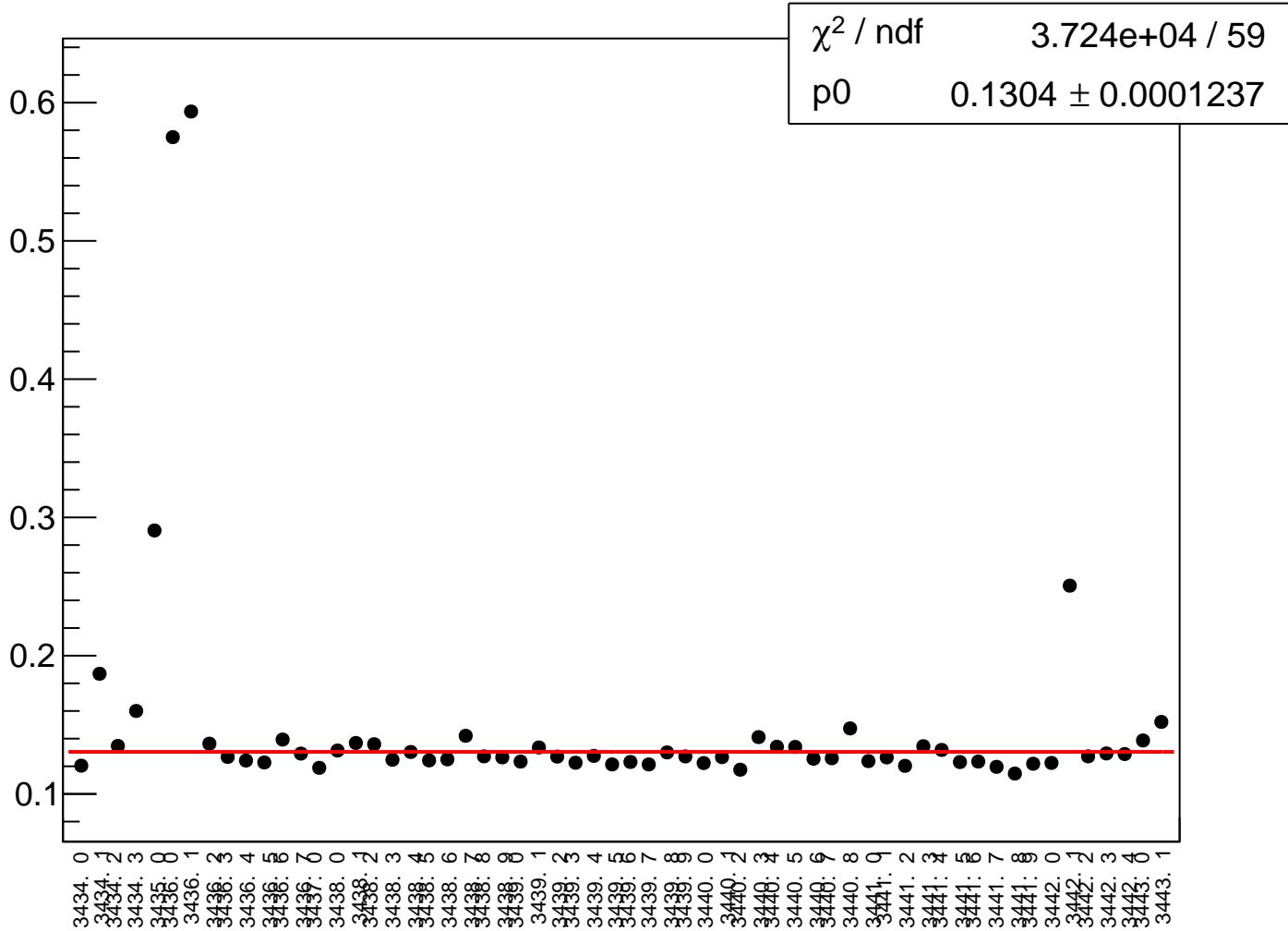
yield_usr_rms vs run



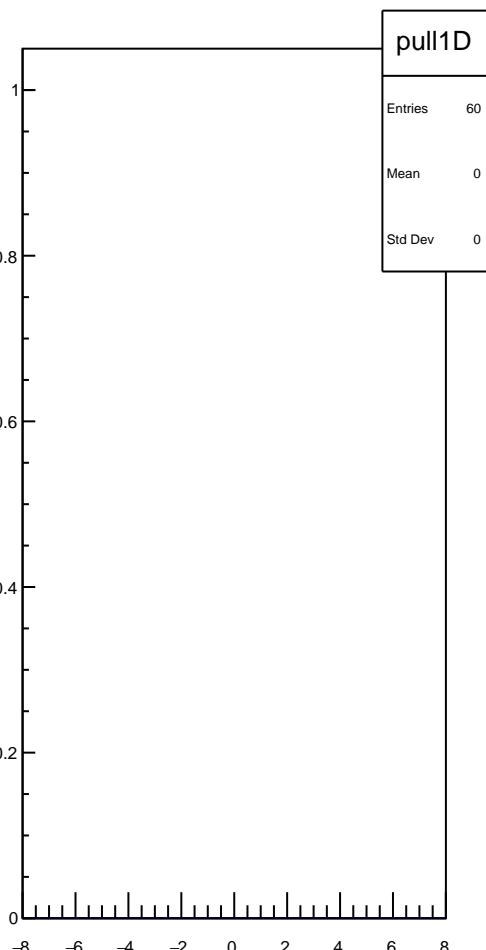
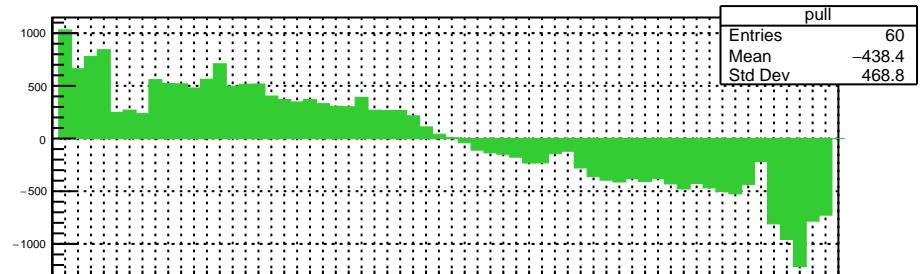
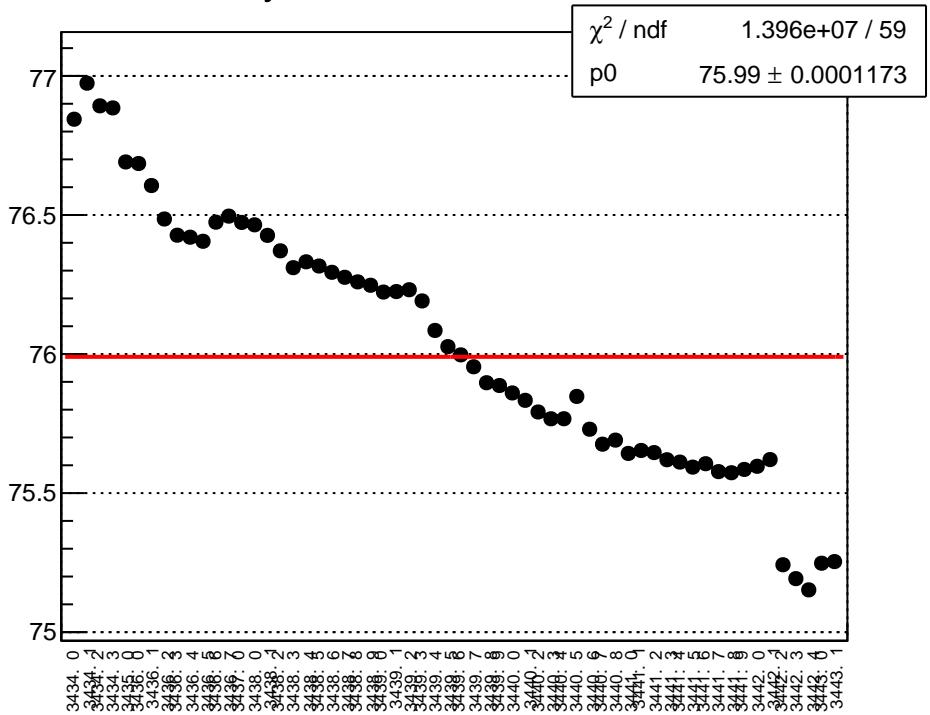
yield_dsl_mean vs run



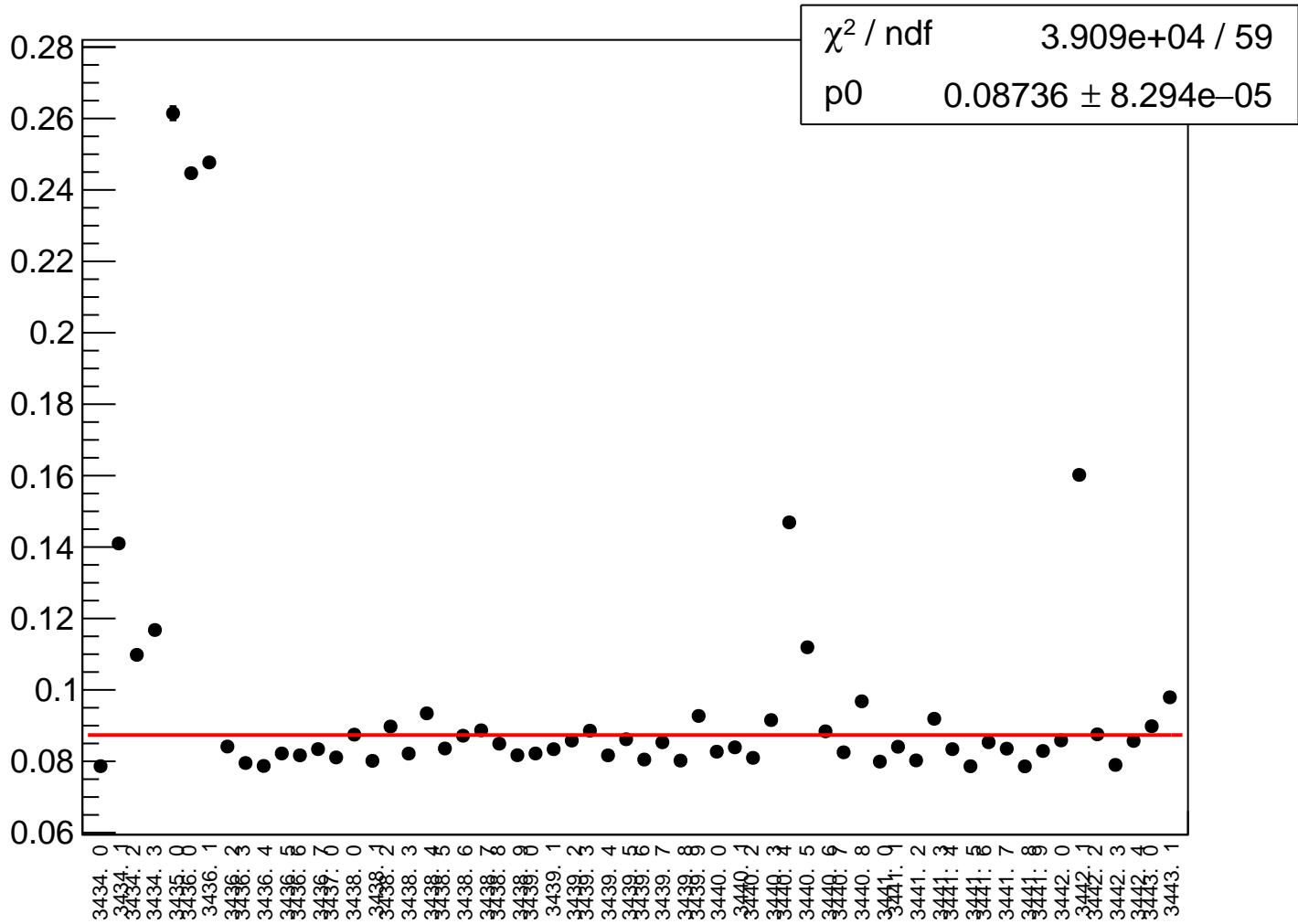
yield_dsl_rms vs run



yield_dsr_mean vs run

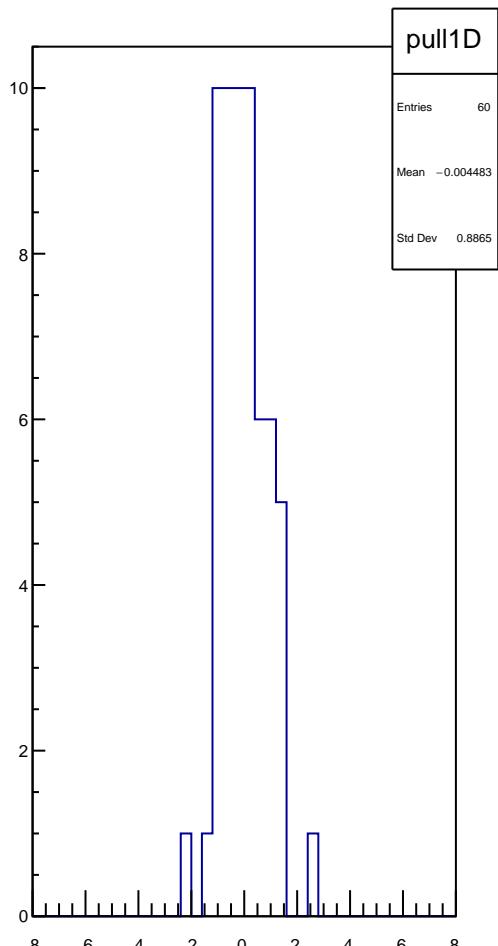
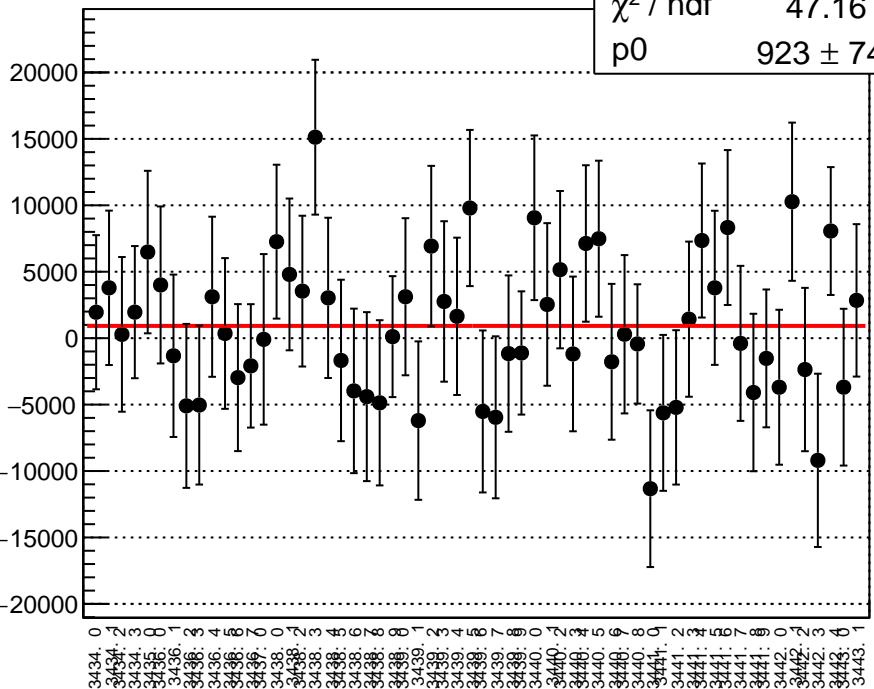


yield_dsr_rms vs run

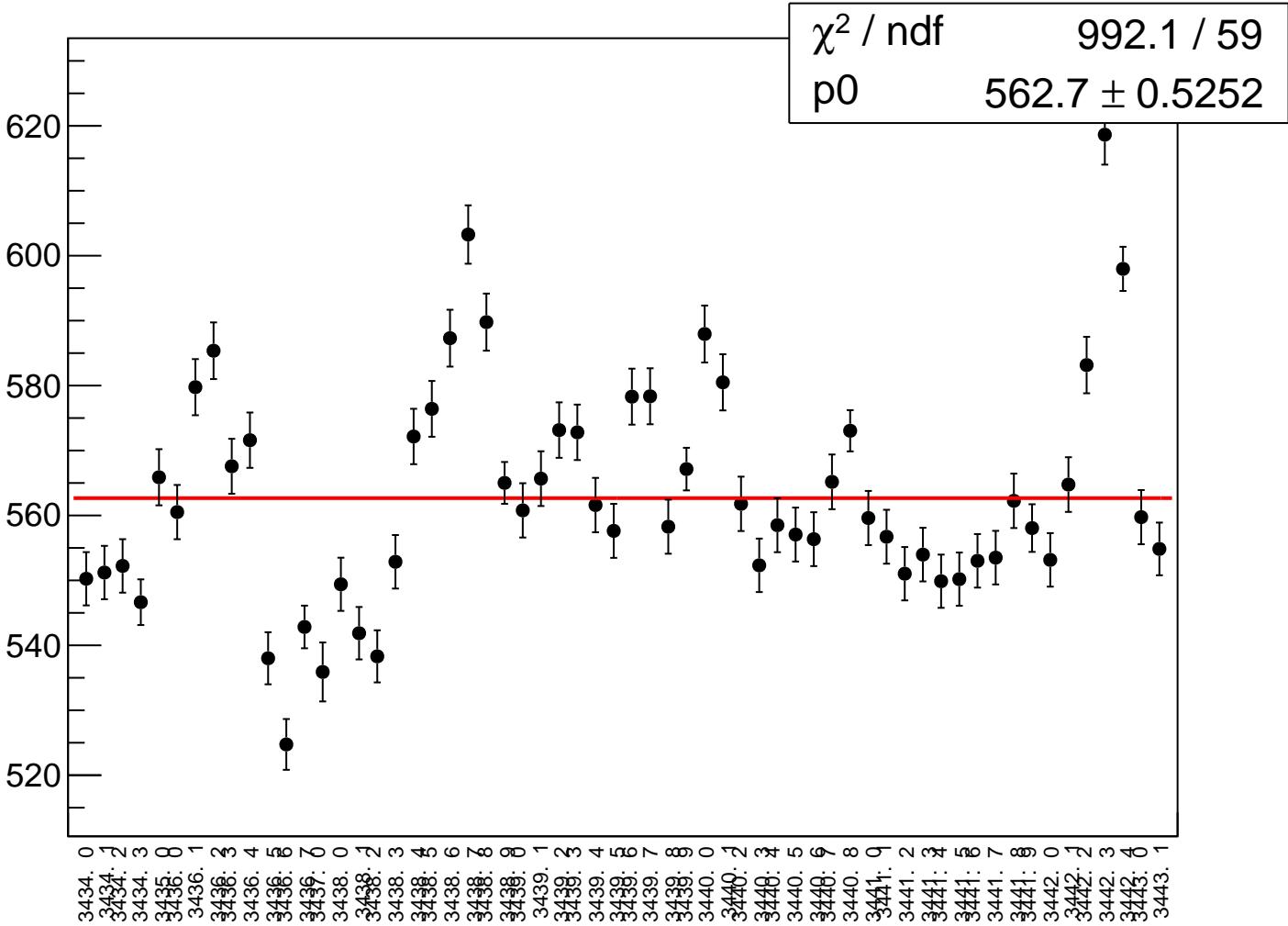


asym_usl_mean vs run

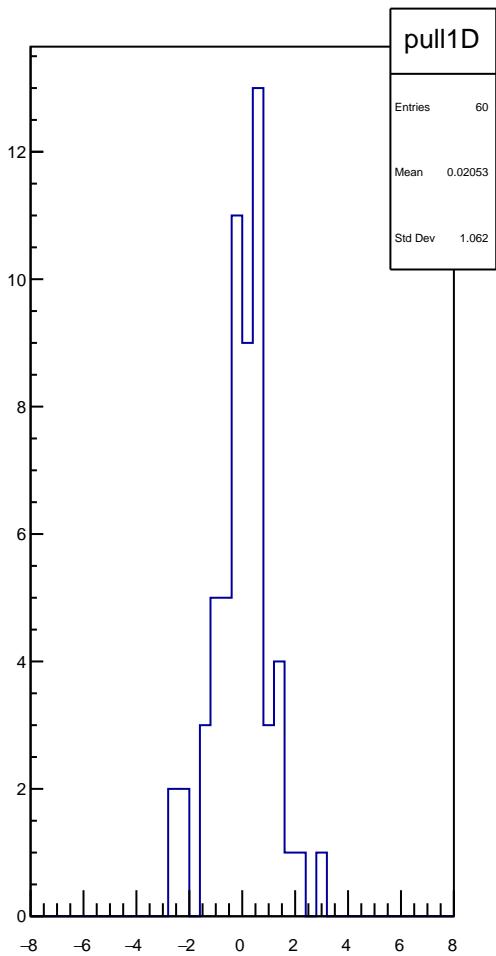
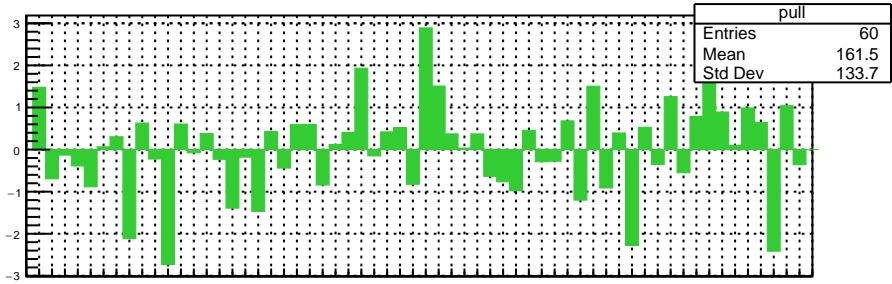
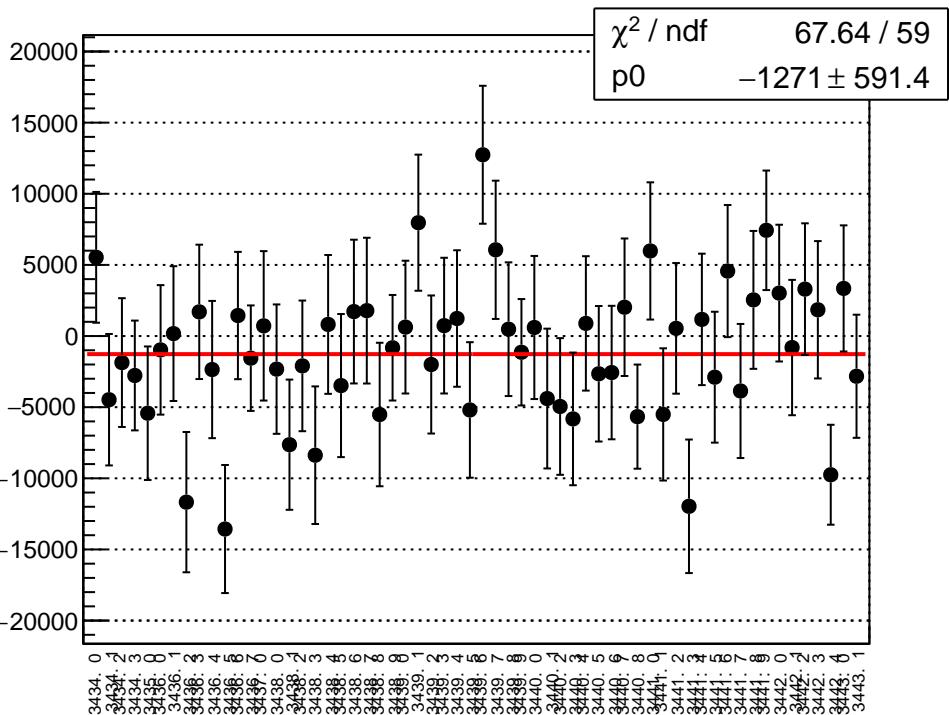
χ^2 / ndf 47.16 / 59
 $p0$ 923 ± 742.8



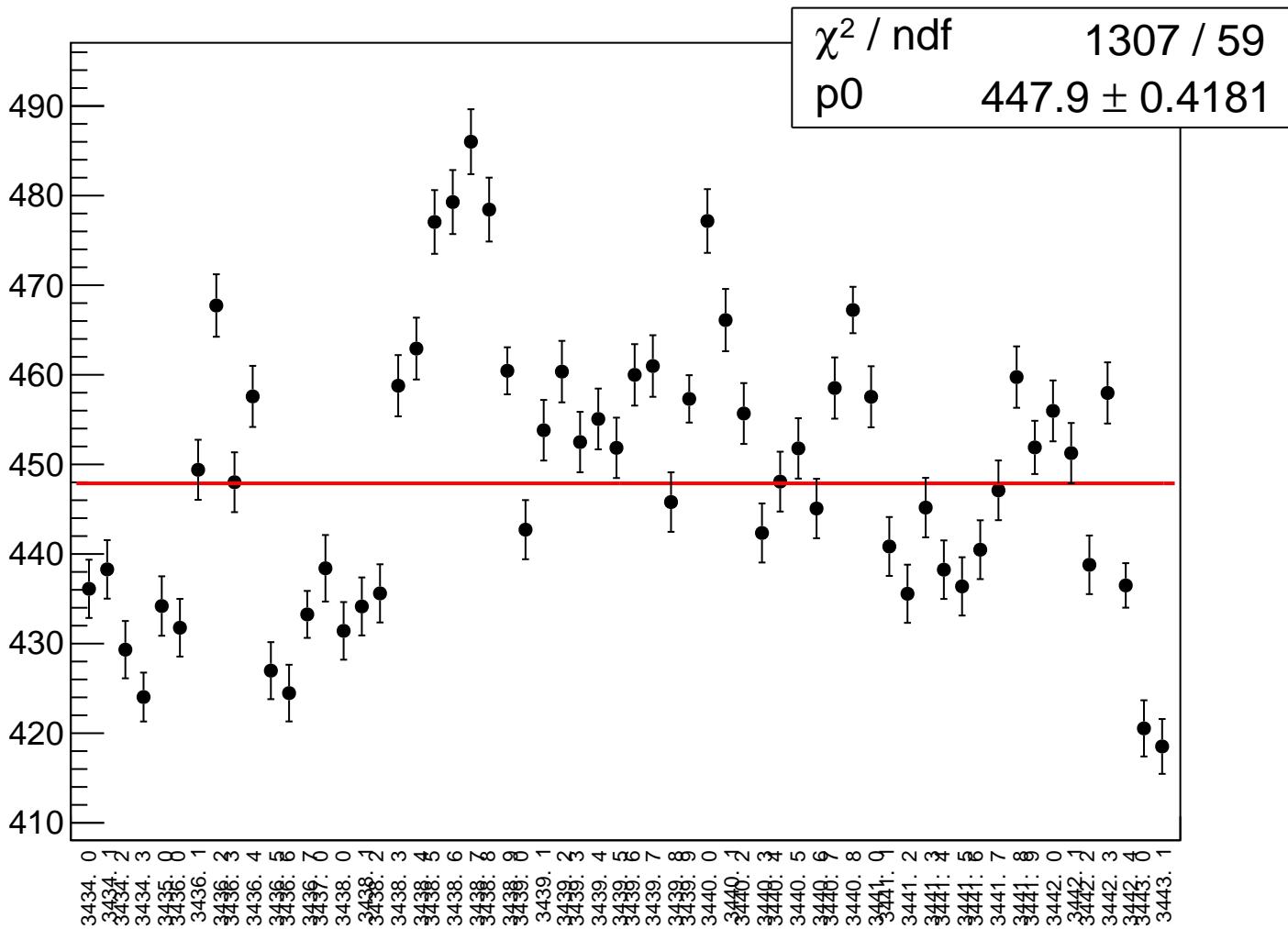
asym_usl_rms vs run



asym_usr_mean vs run

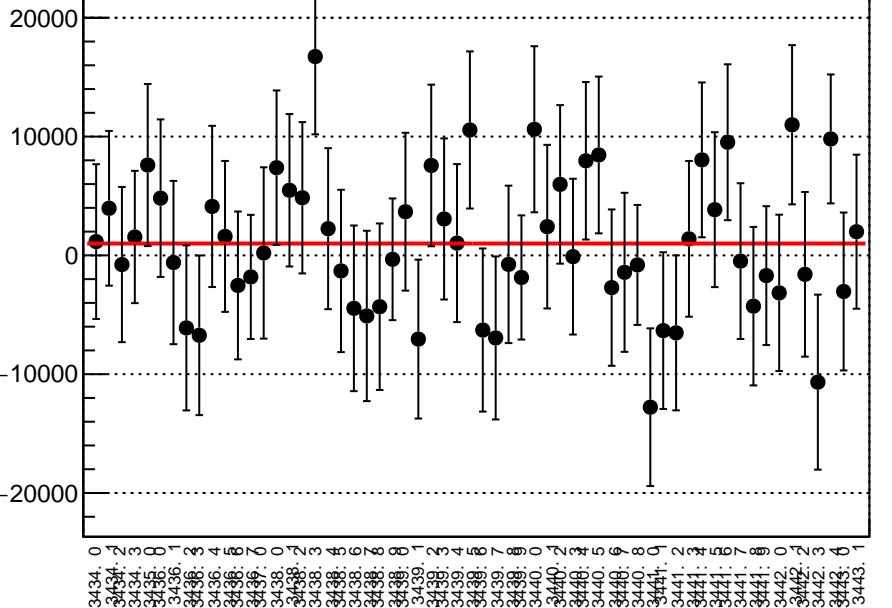


asym_usr_rms vs run





χ^2 / ndf 46.69 / 59
p0 998.2 ± 835.3

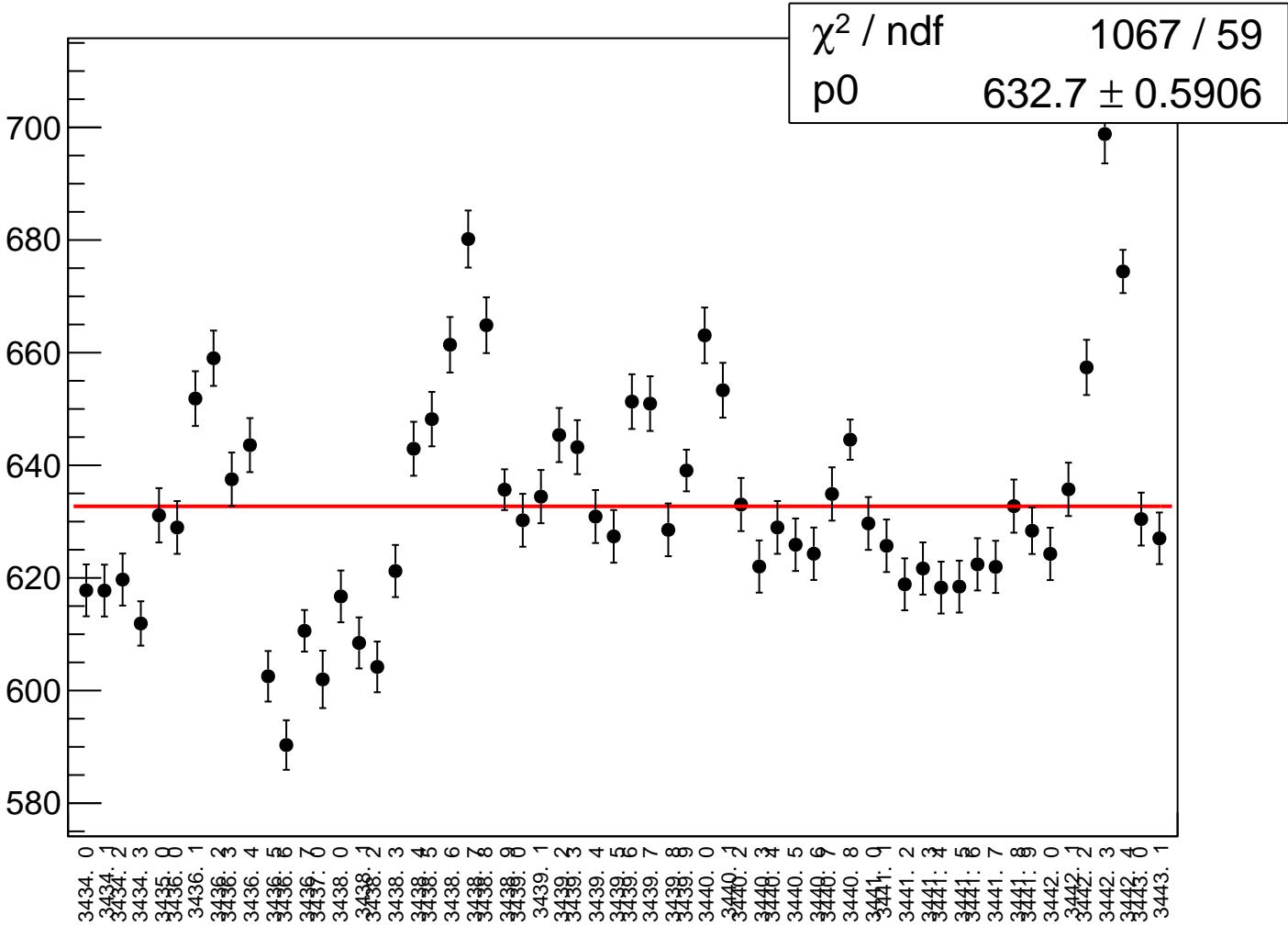


pull1D

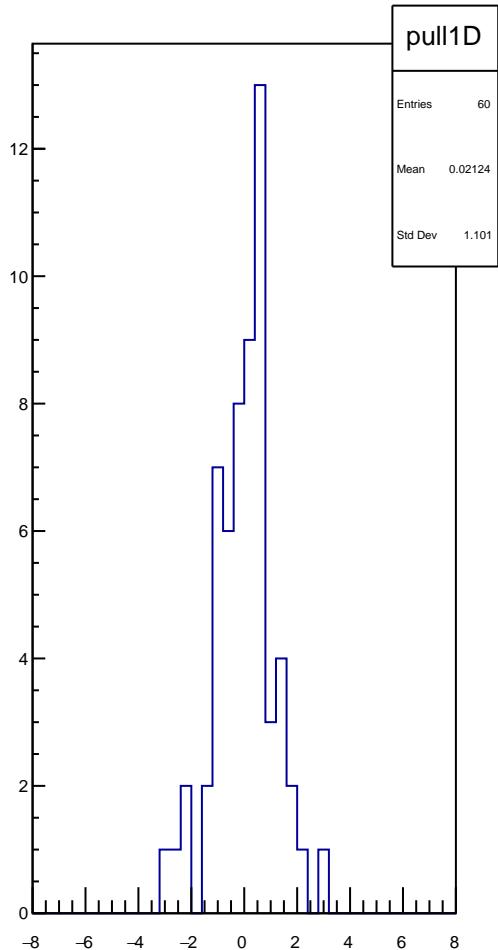
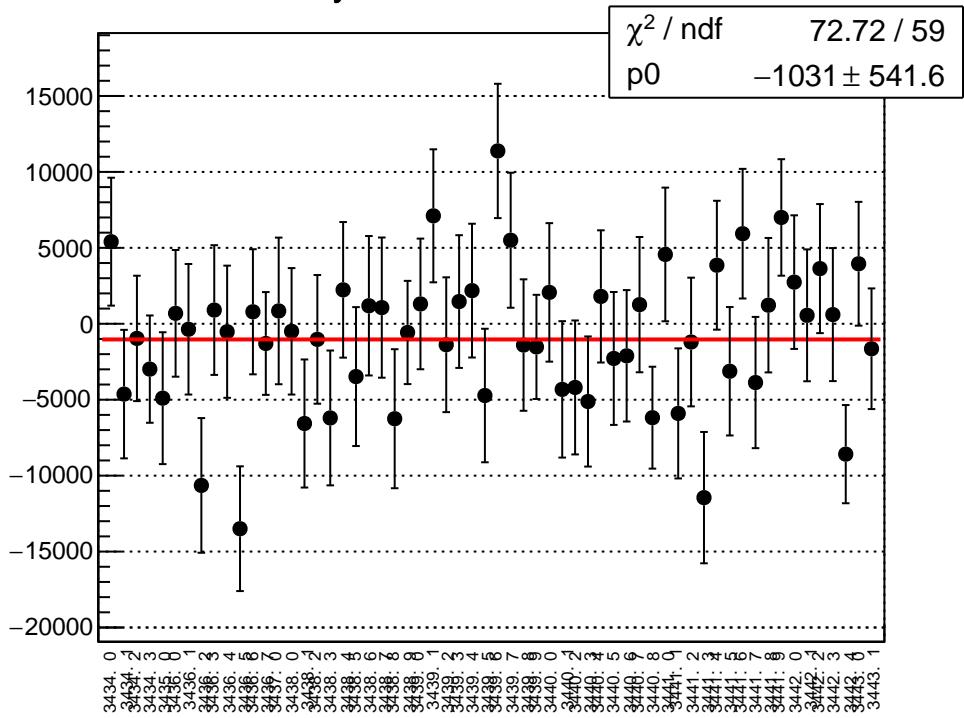
A histogram showing the distribution of the variable pull1D. The x-axis ranges from -8 to 8, and the y-axis ranges from 0 to 10. The distribution is unimodal and centered around 0, with the highest frequency occurring near -0.5.

Entries	60
Mean	-0.004211
Std Dev	0.8821

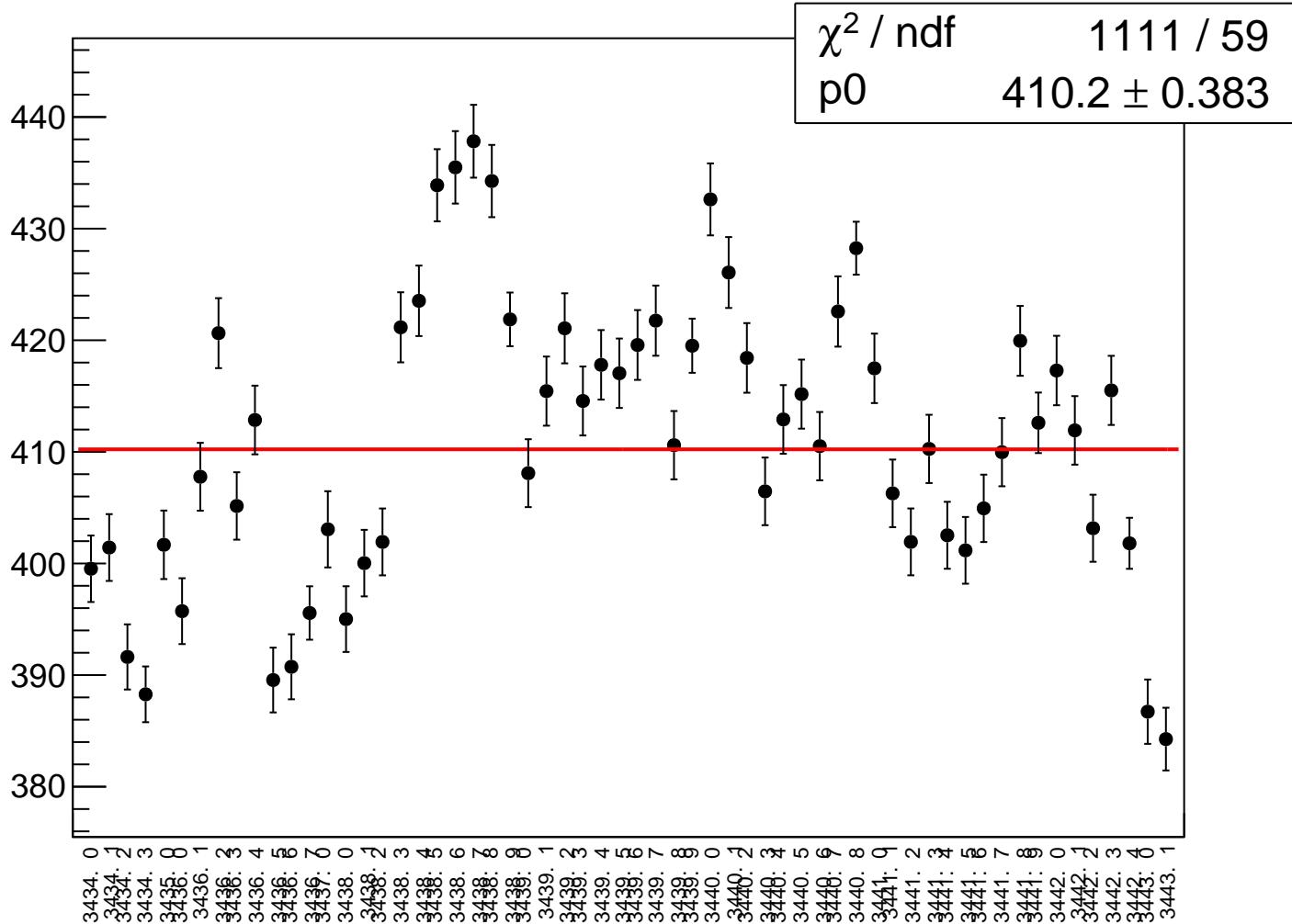
asym_dsl_rms vs run



asym_dsr_mean vs run

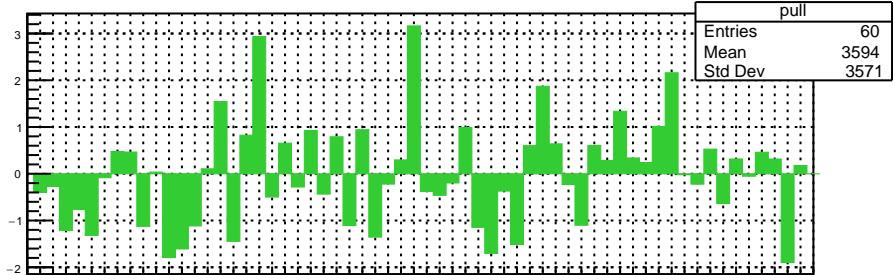
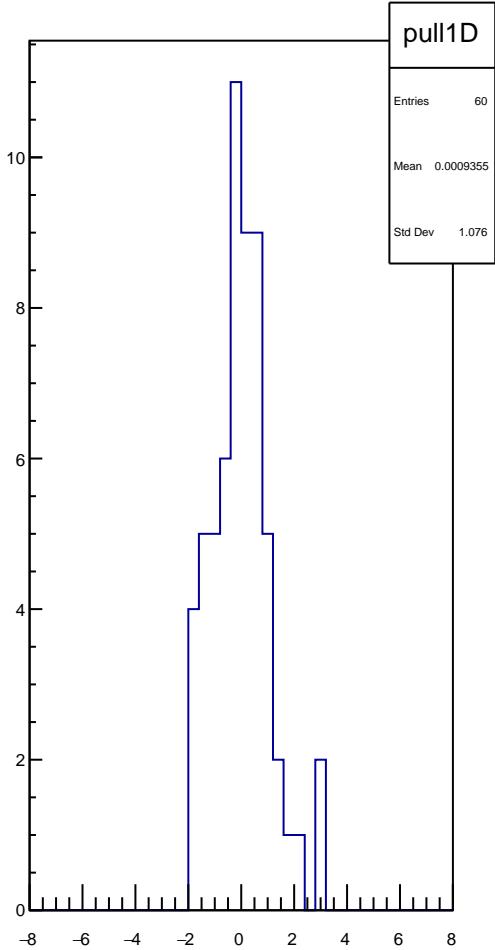
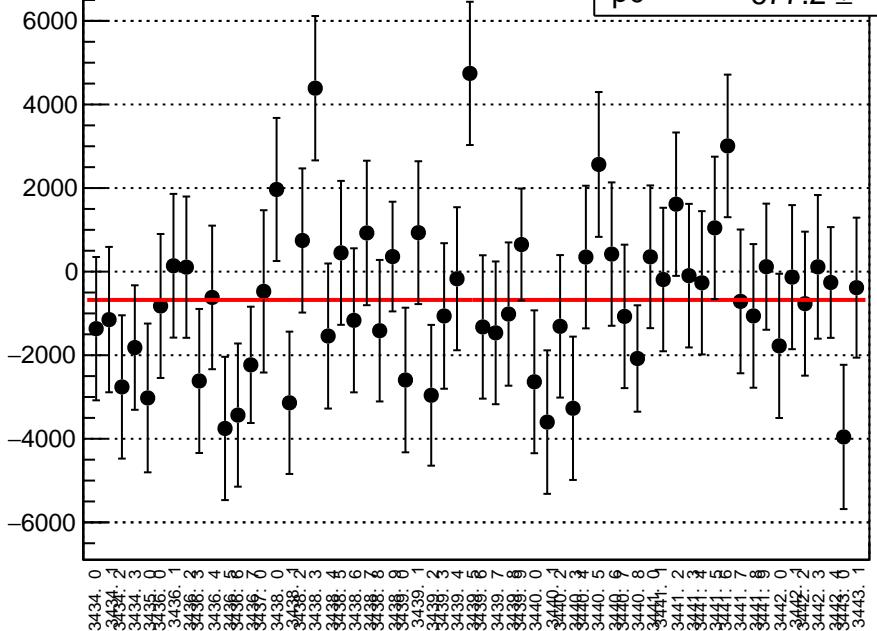


asym_dsr_rms vs run

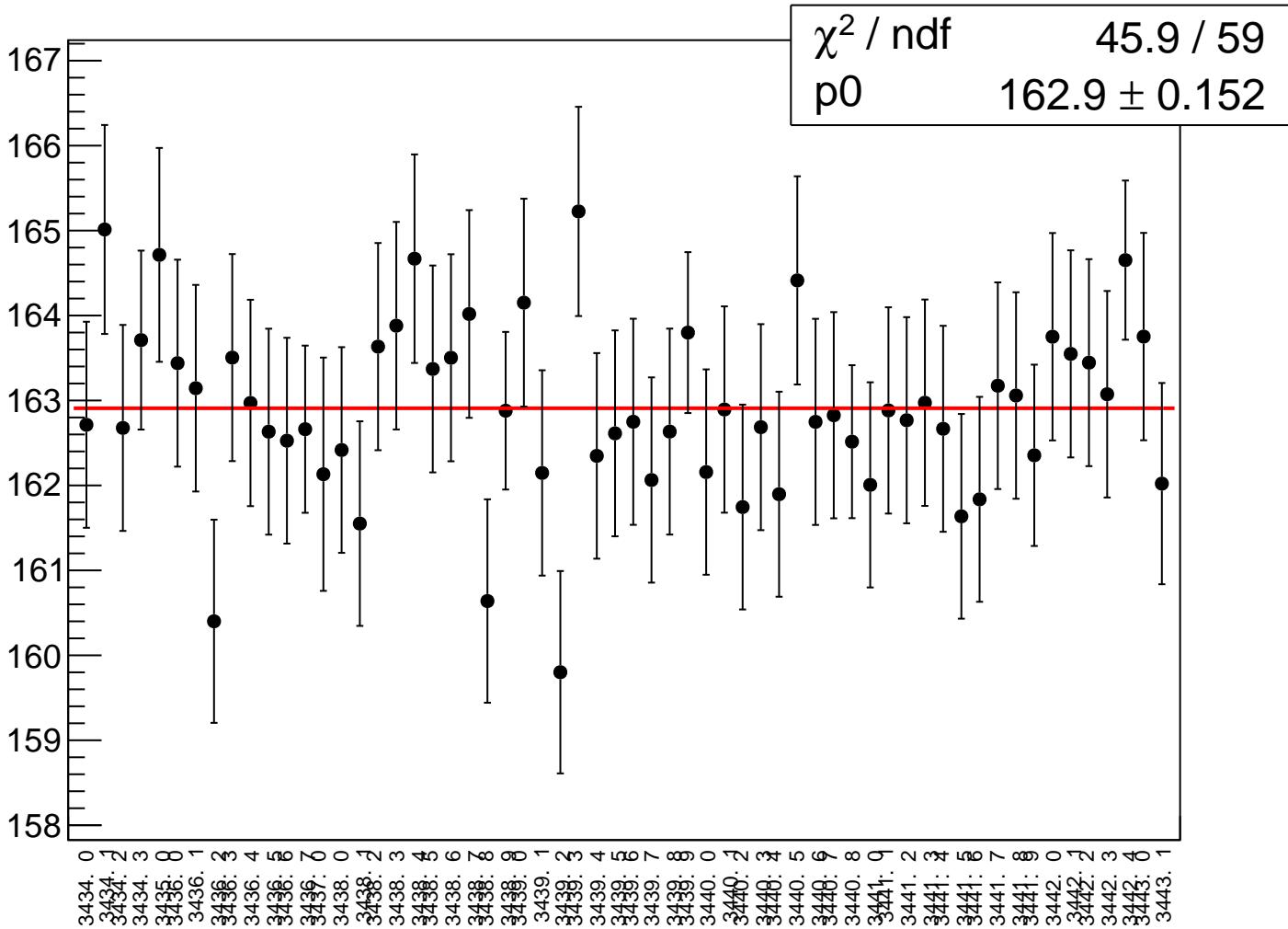


cor_usl_mean vs run

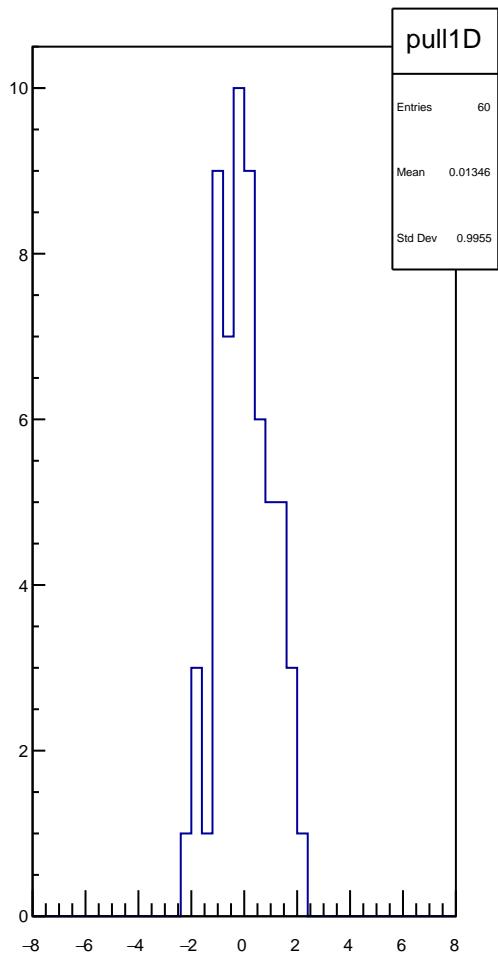
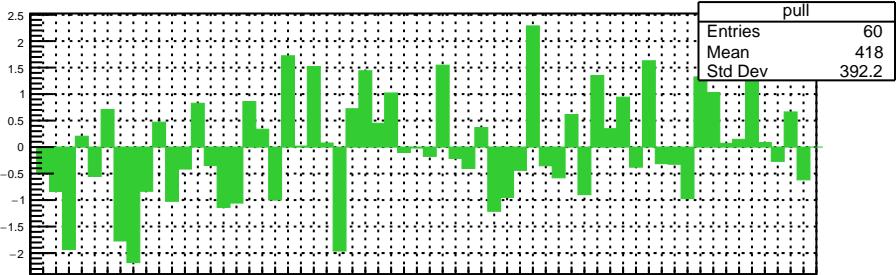
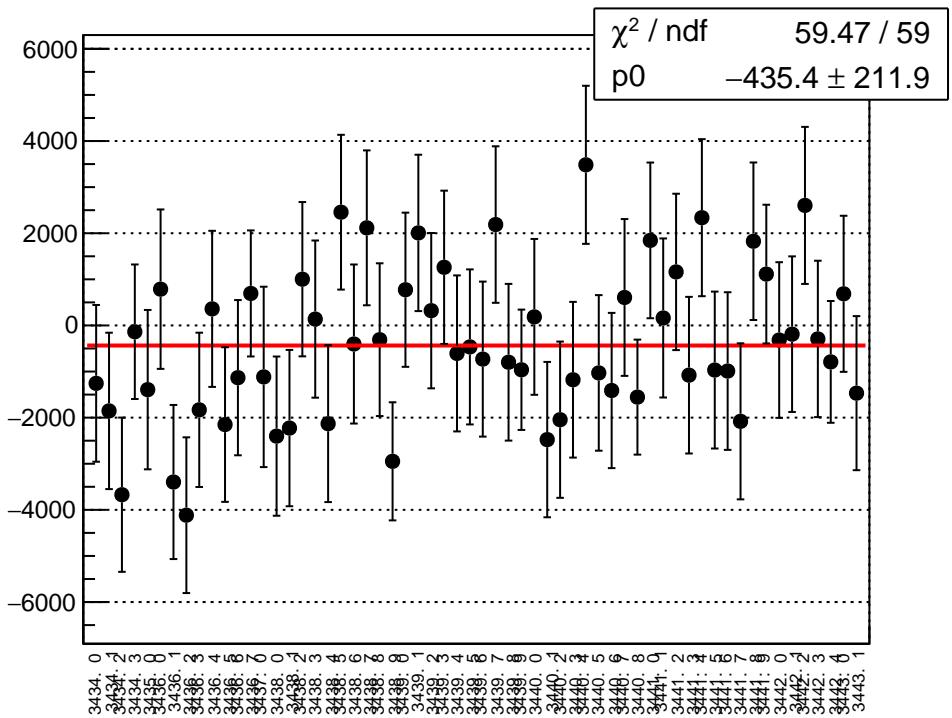
χ^2 / ndf 69.5 / 59
p0 -677.2 ± 215



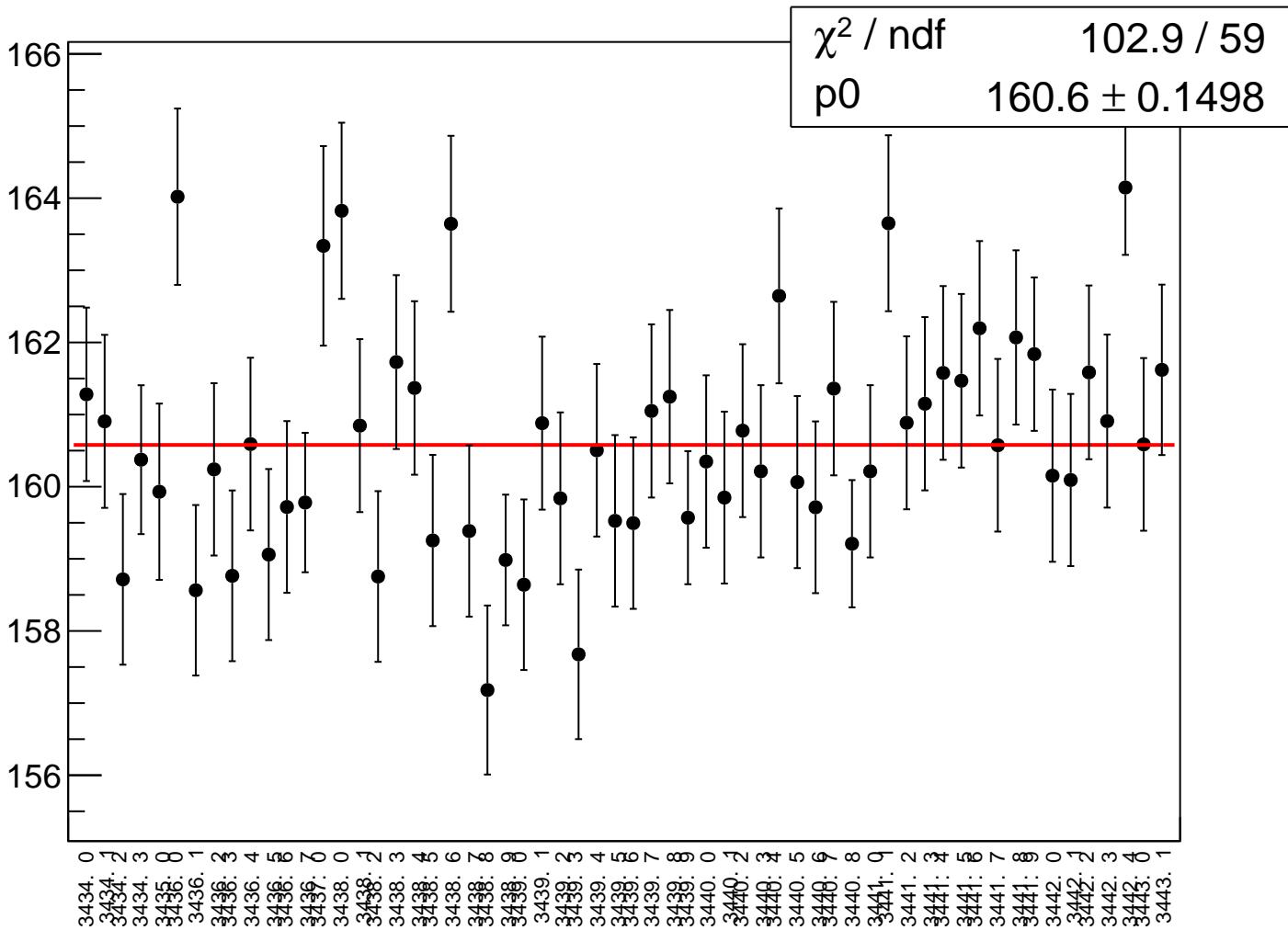
cor_usl_rms vs run



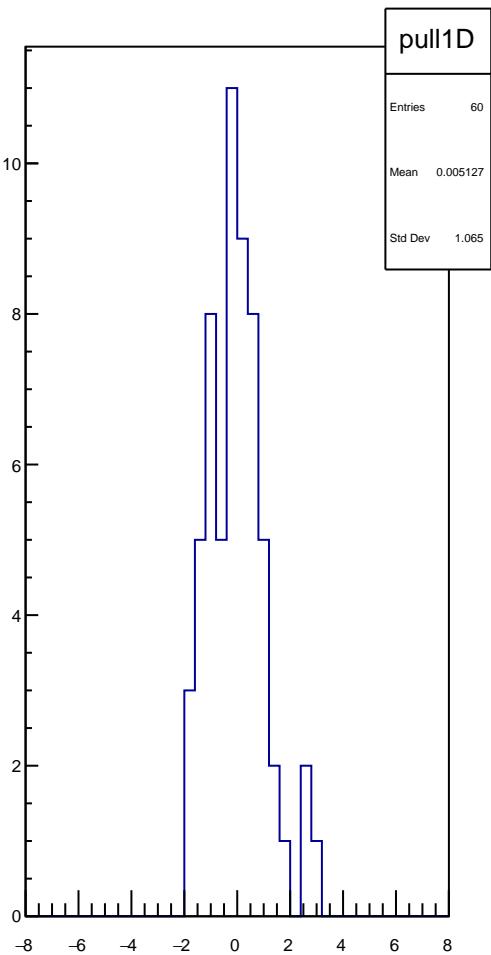
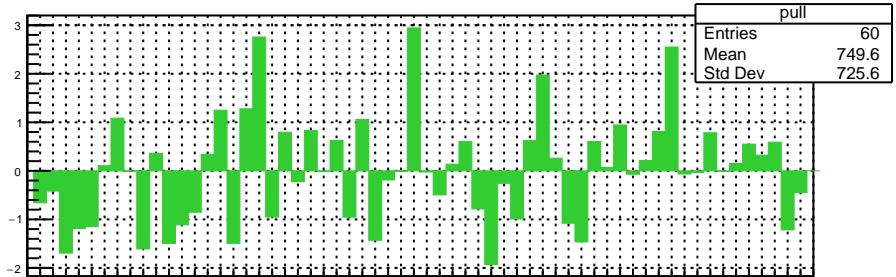
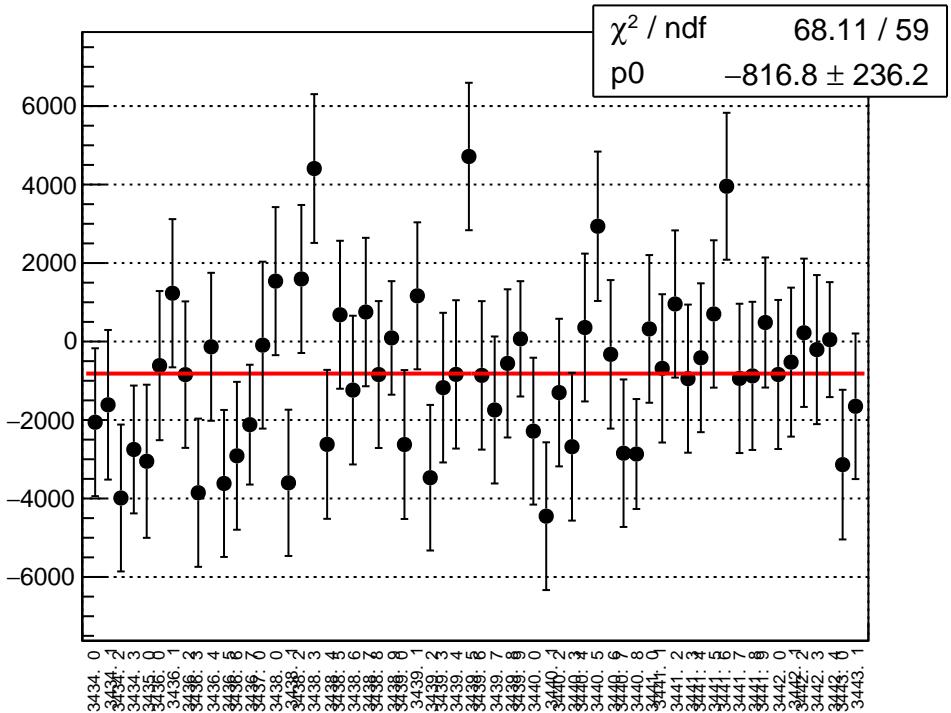
cor_usr_mean vs run



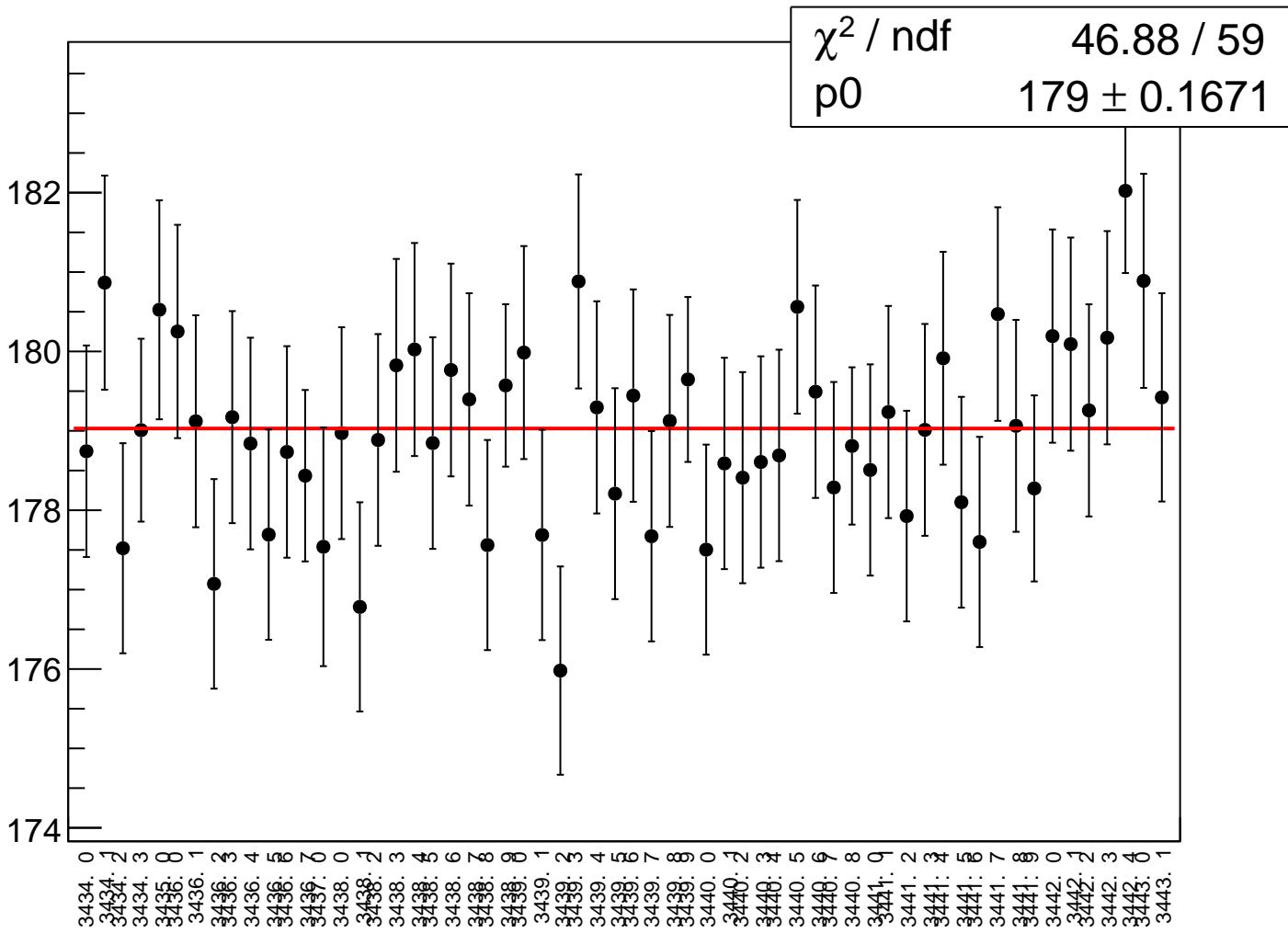
cor_usr_rms vs run



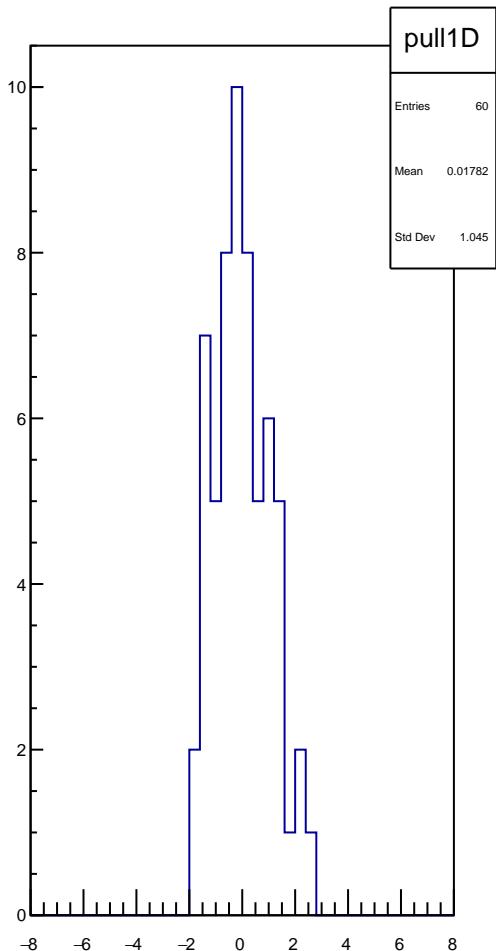
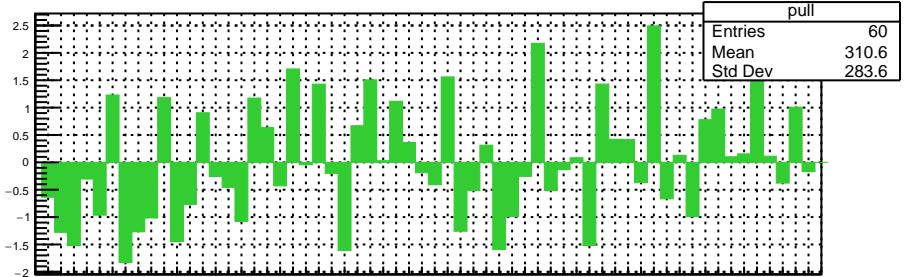
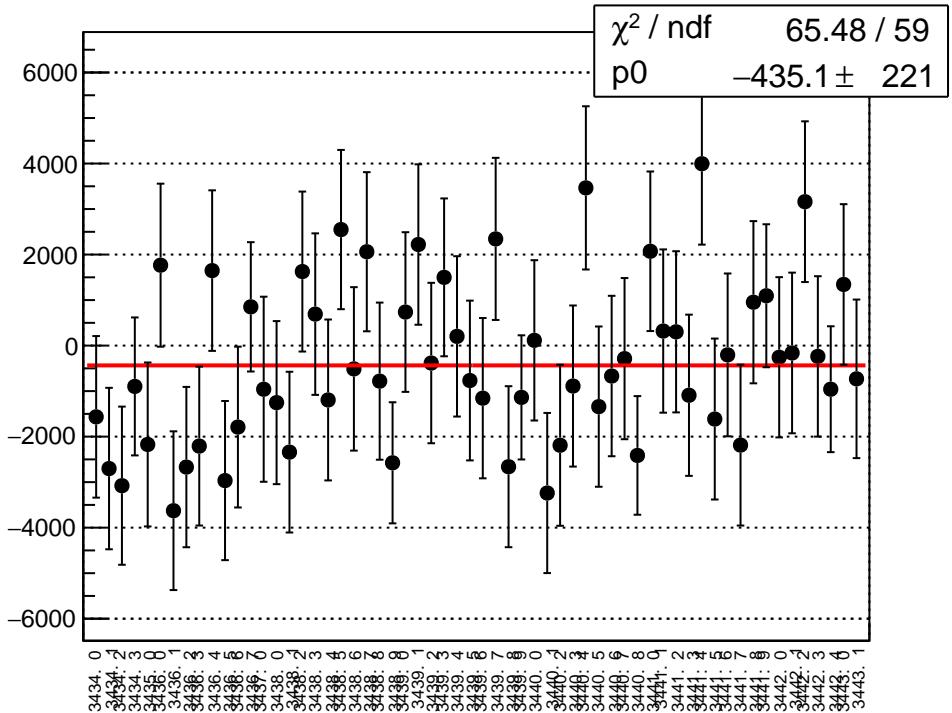
cor_dsl_mean vs run



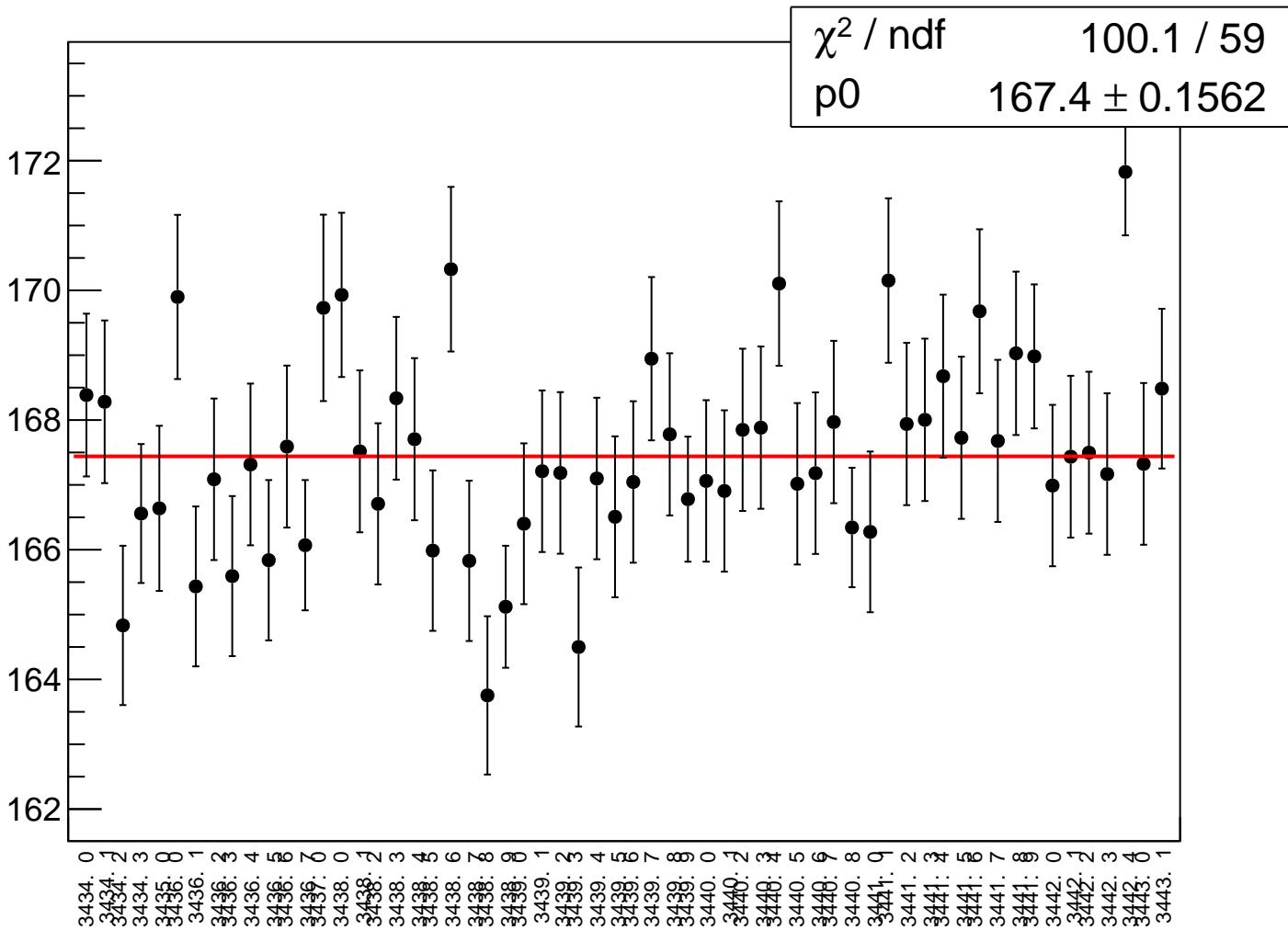
cor_dsl_rms vs run



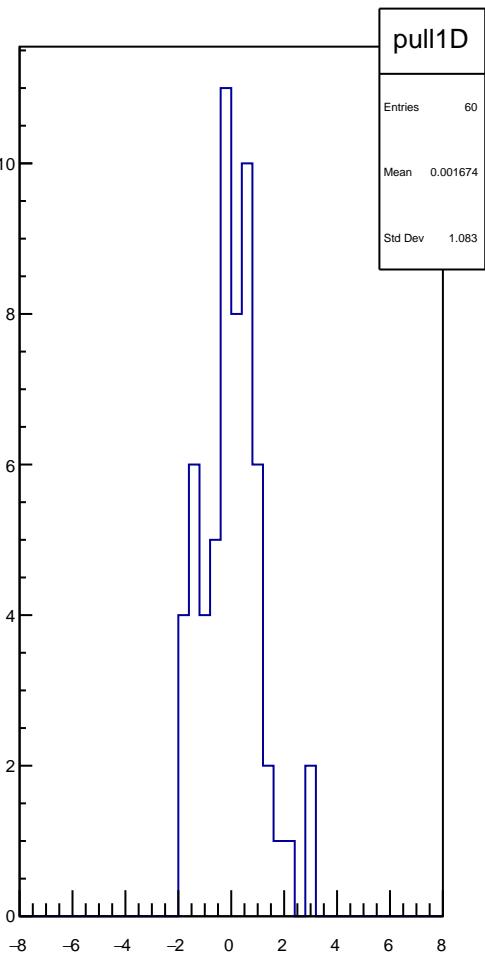
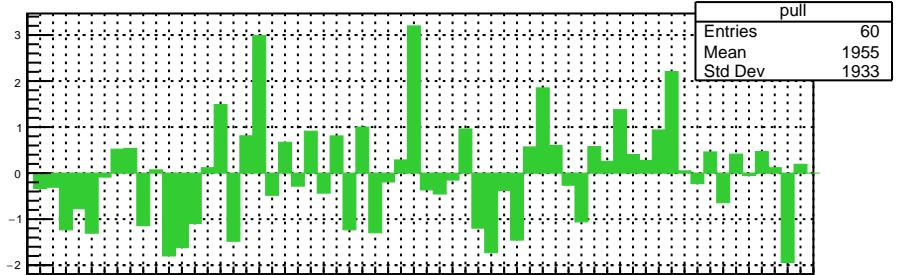
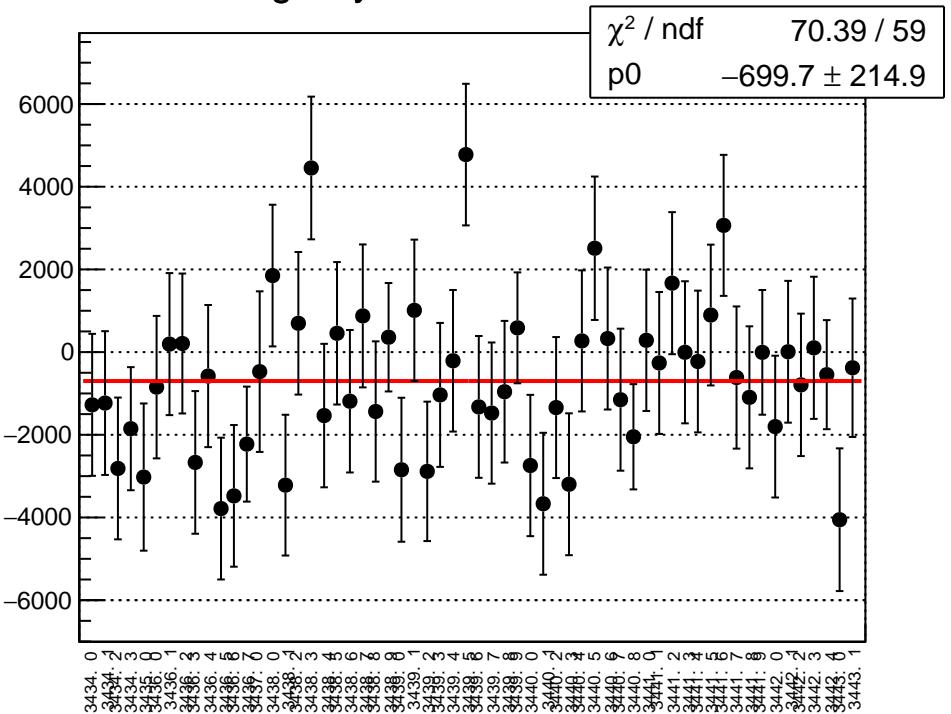
cor_dsr_mean vs run



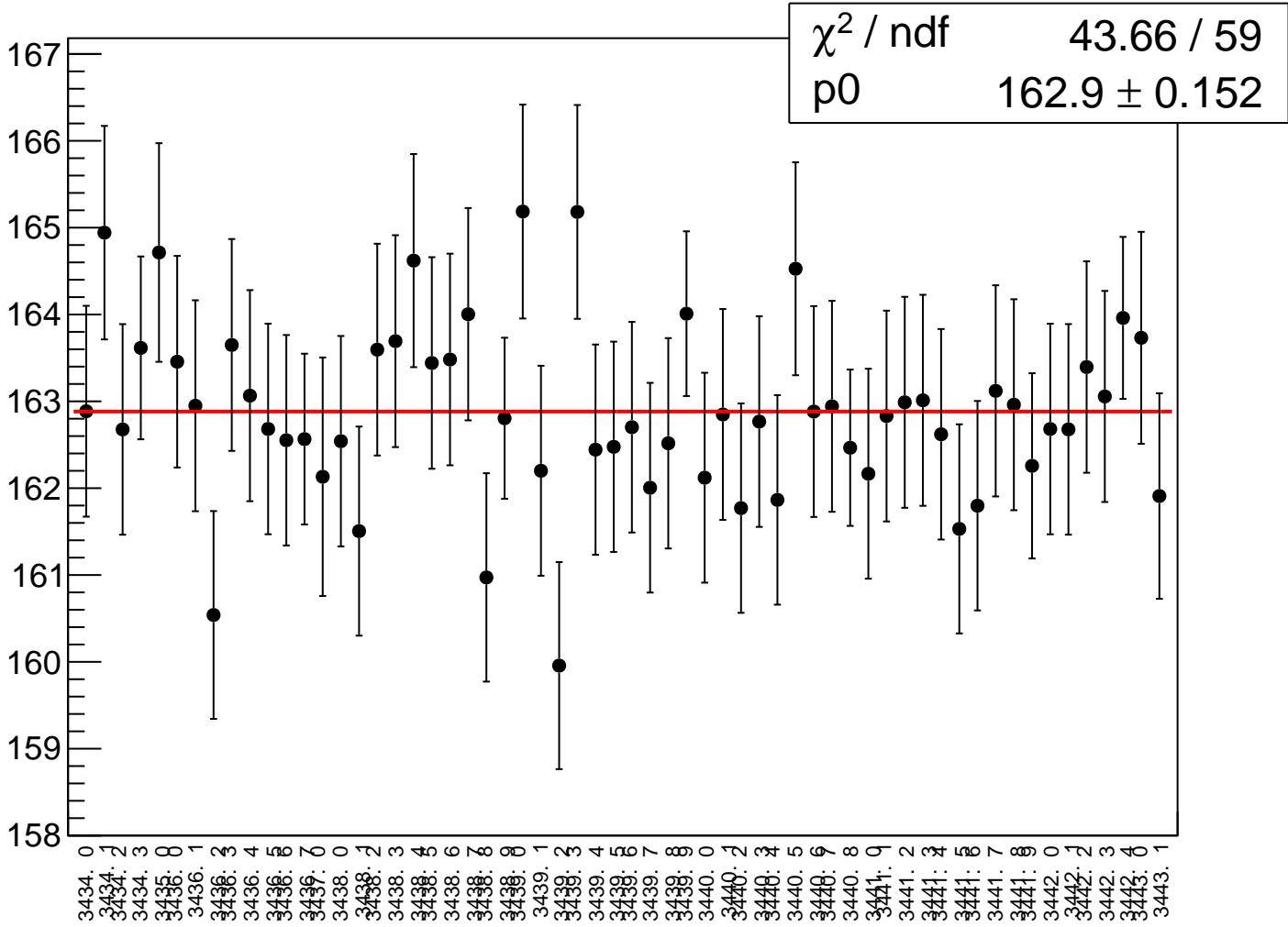
cor_dsr_rms vs run



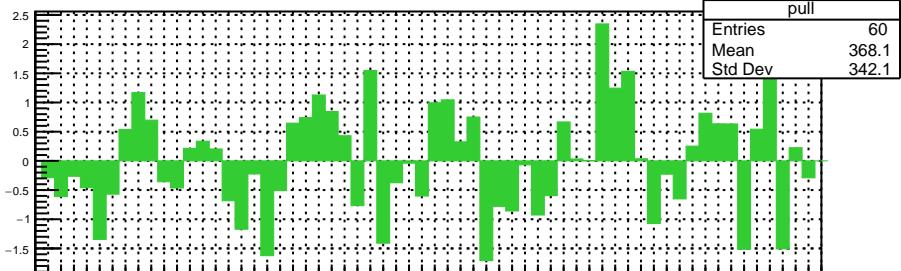
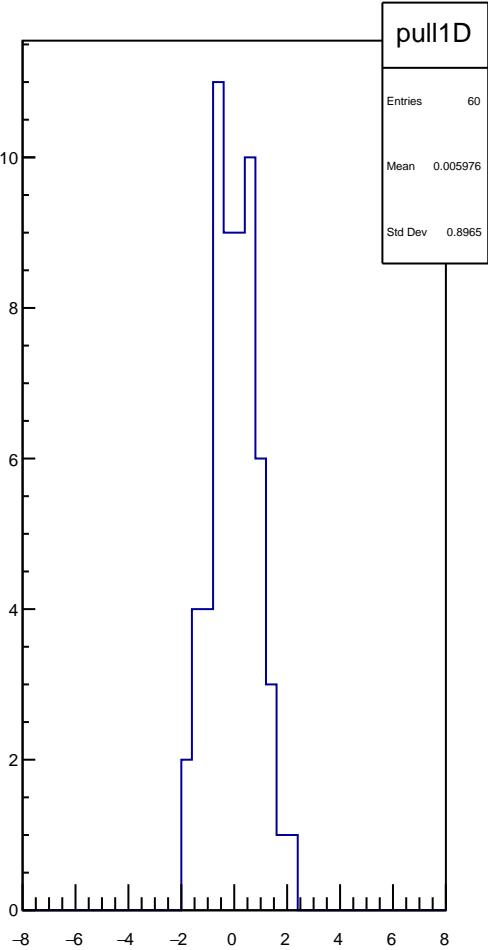
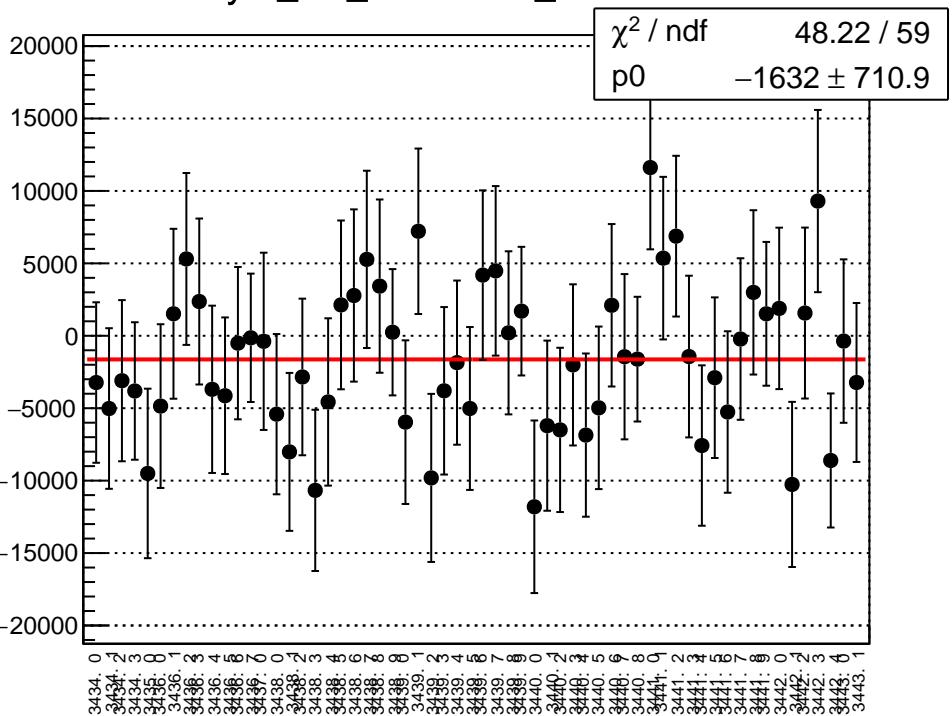
reg_asym_usl_mean vs run



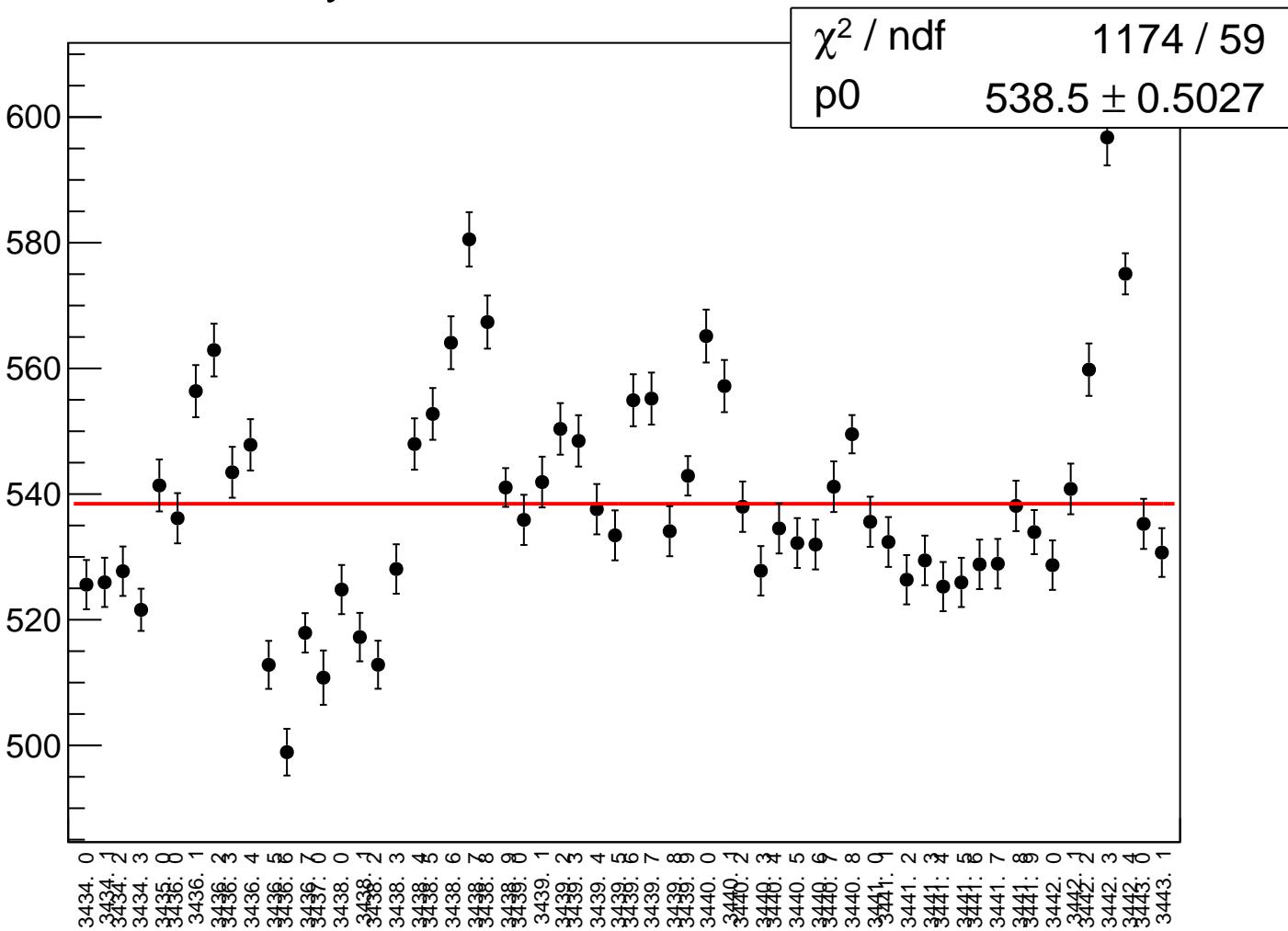
reg_asym_usl_rms vs run



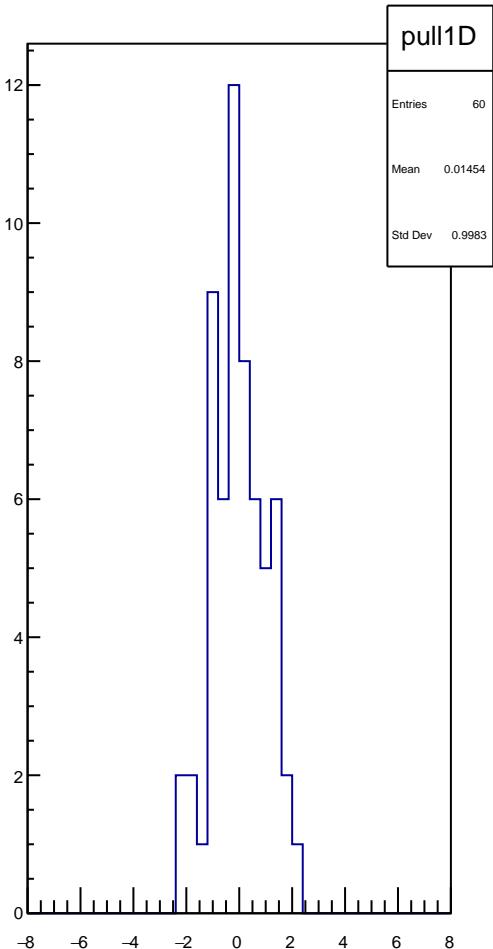
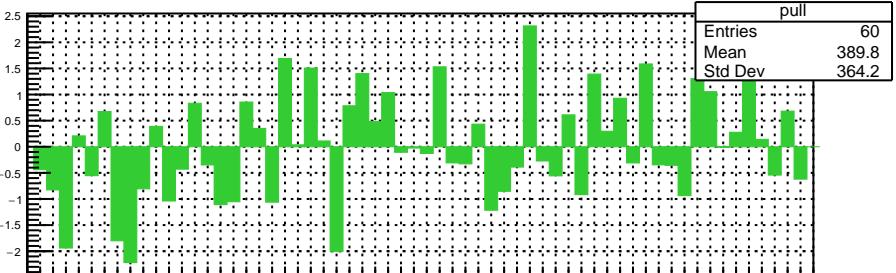
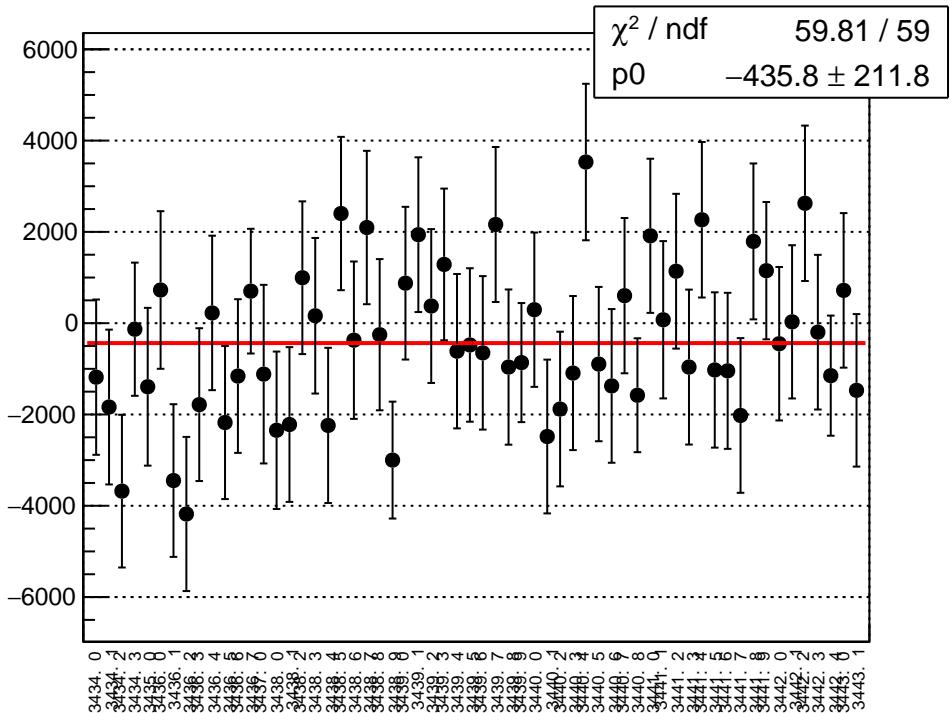
asym_usl_correction_mean vs run



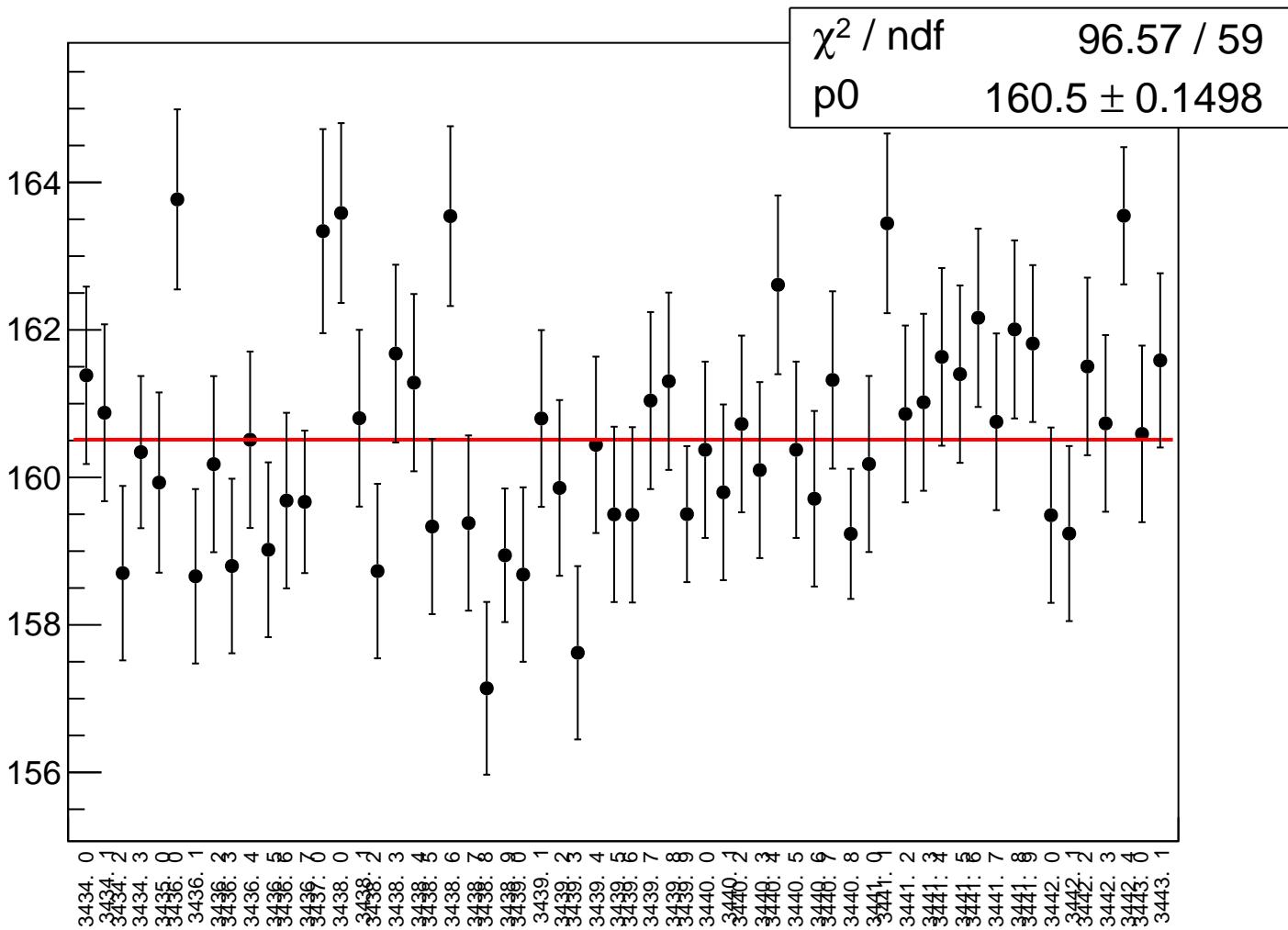
asym_usl_correction_rms vs run



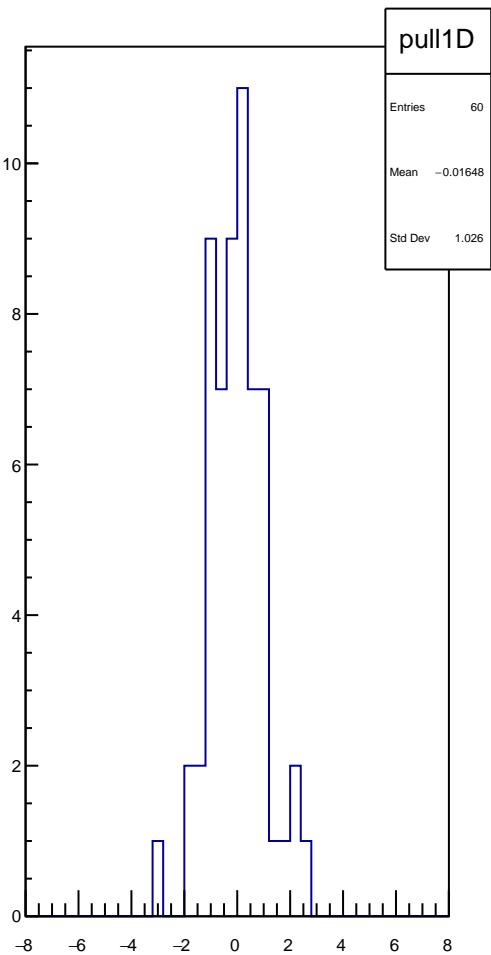
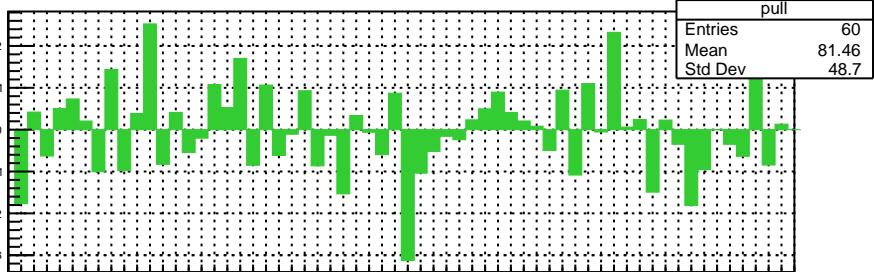
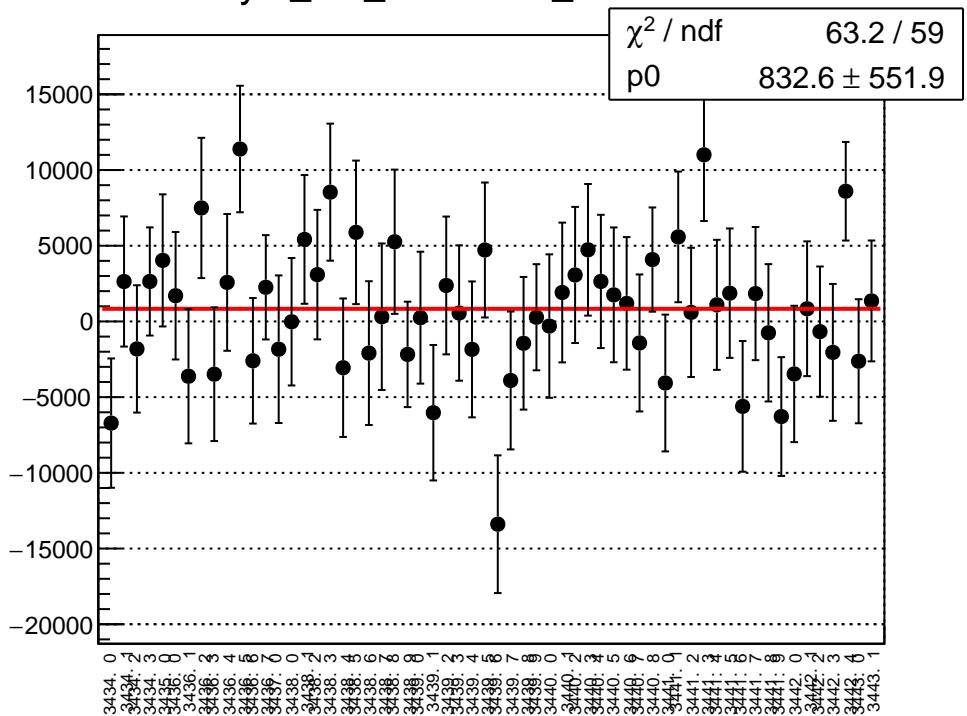
reg_asym_usr_mean vs run



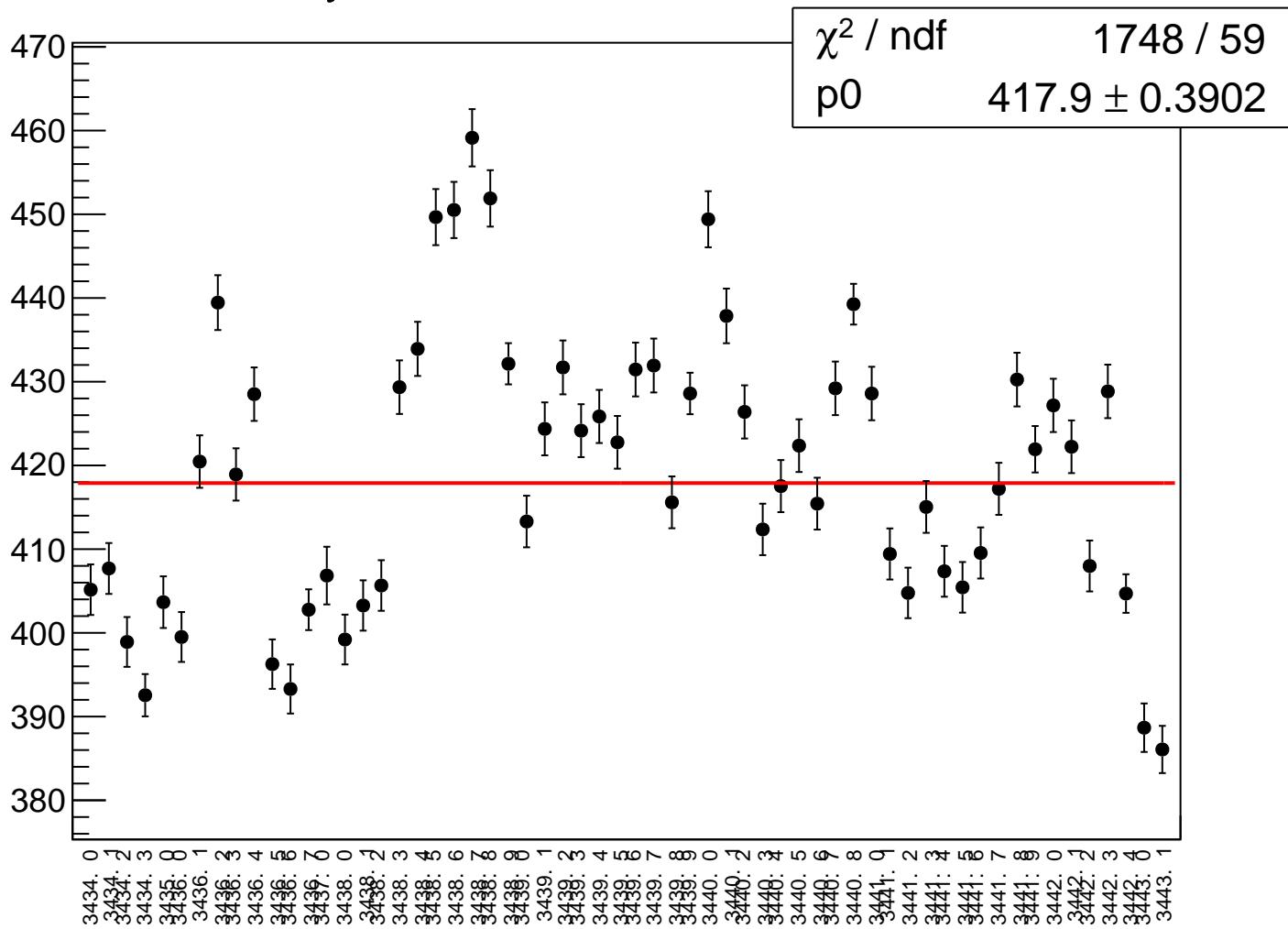
reg_asym_usr_rms vs run



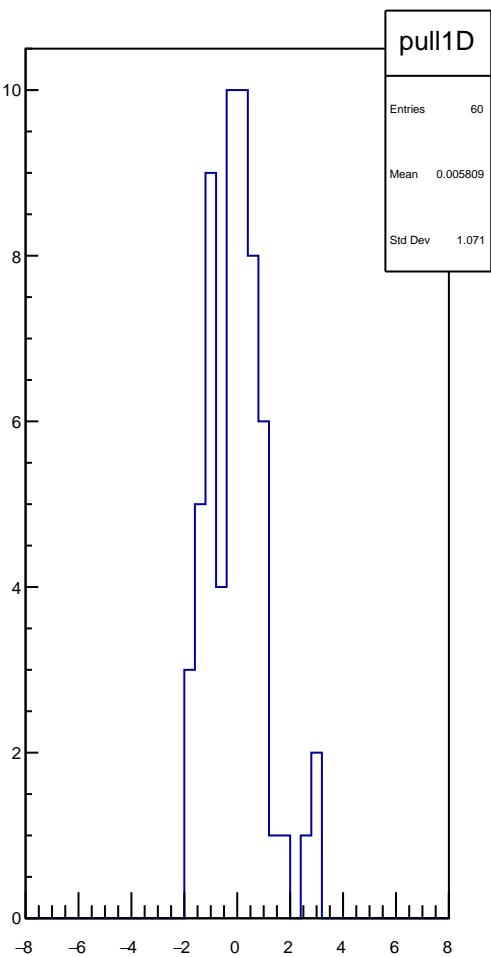
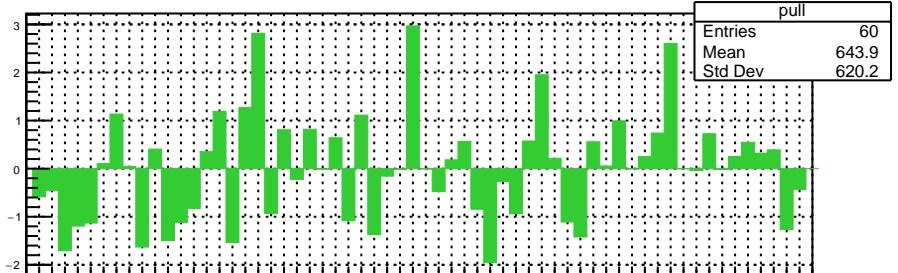
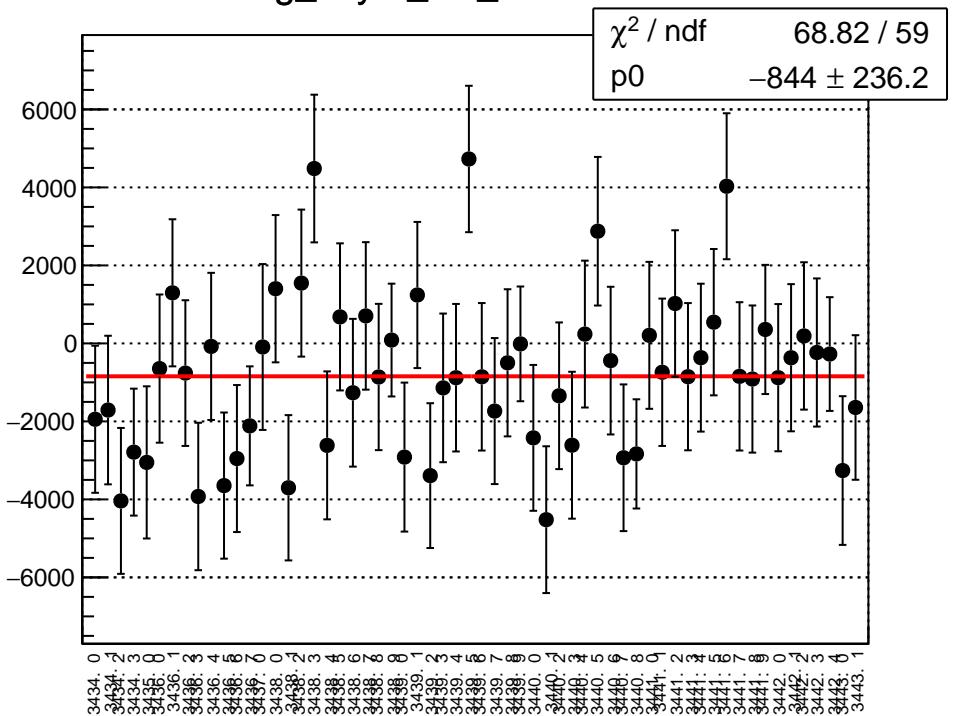
asym_usr_correction_mean vs run



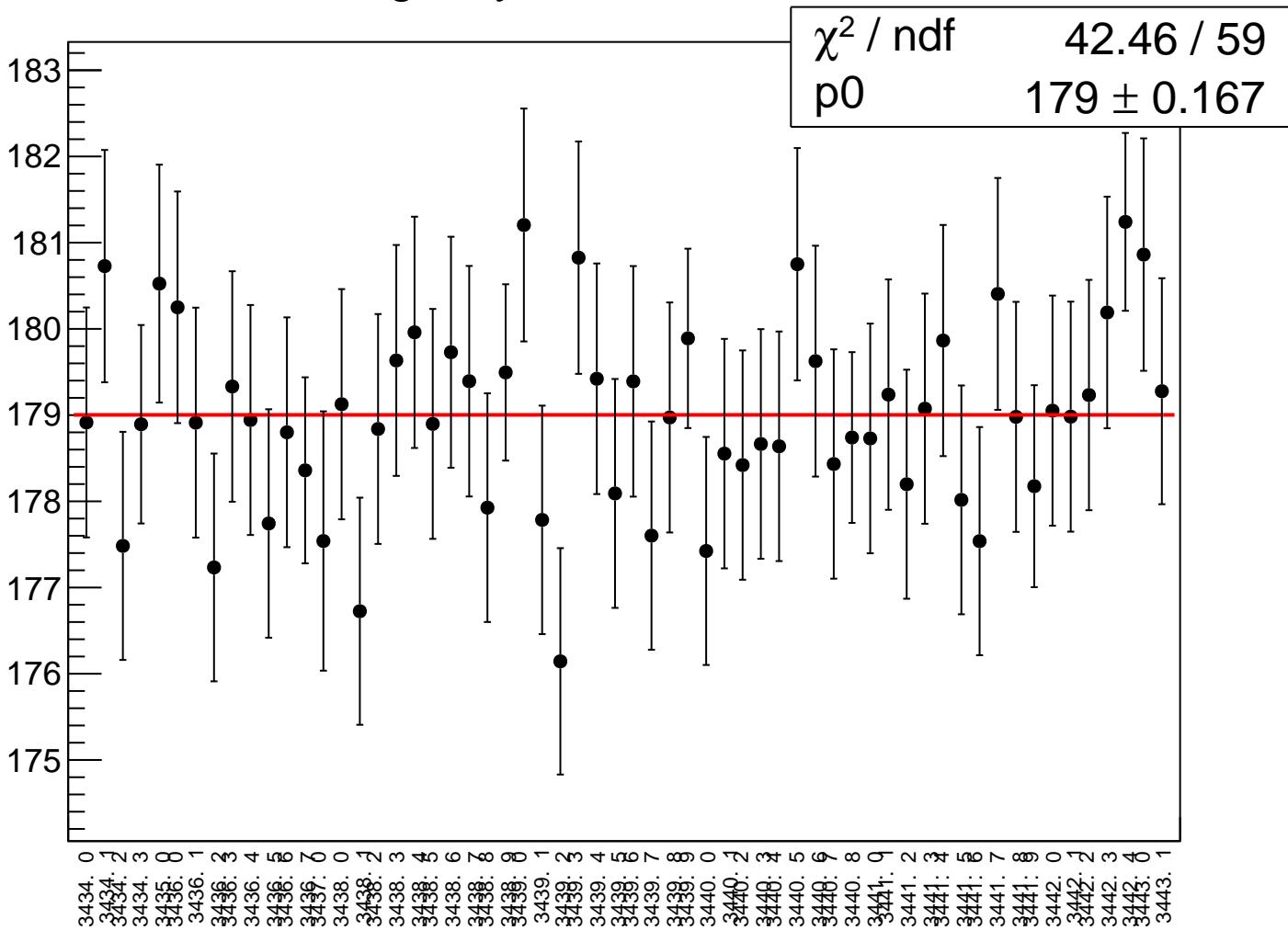
asym_usr_correction_rms vs run



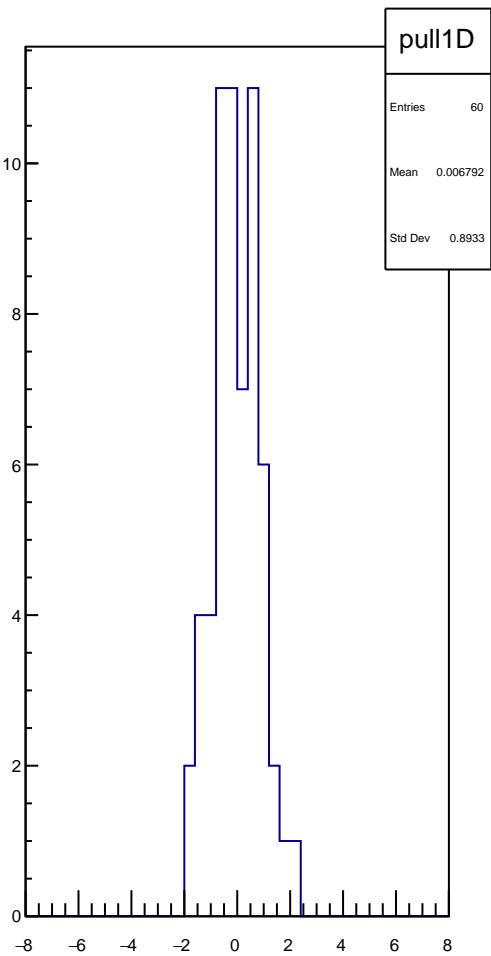
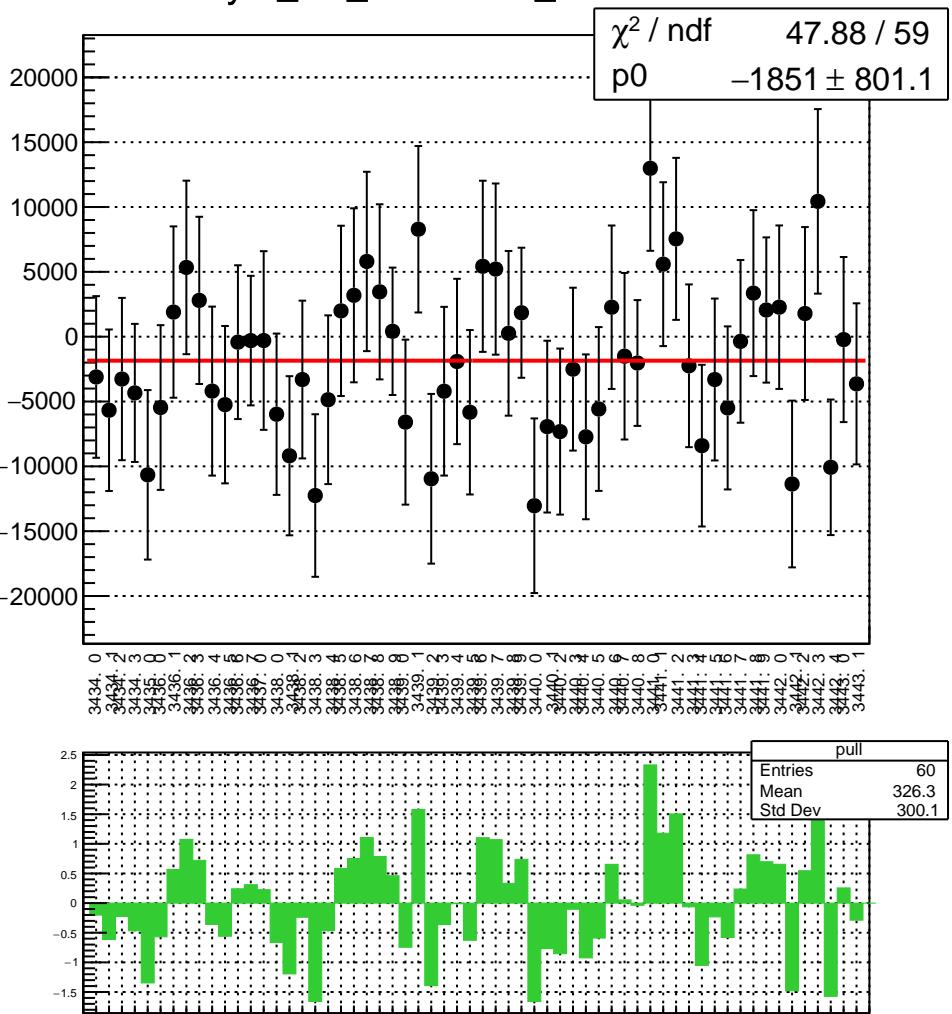
reg_asym_dsl_mean vs run



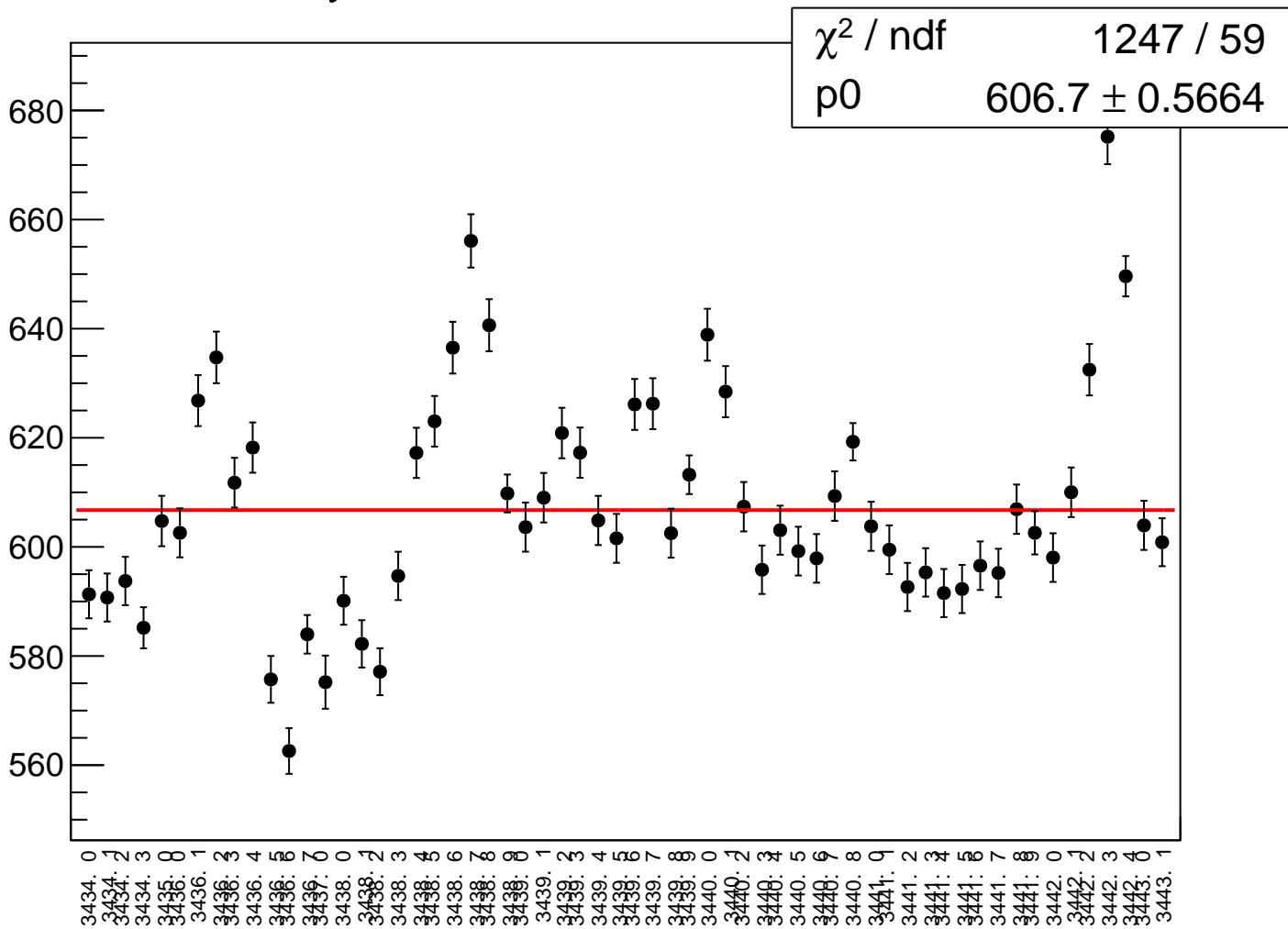
reg_asym_dsl_rms vs run



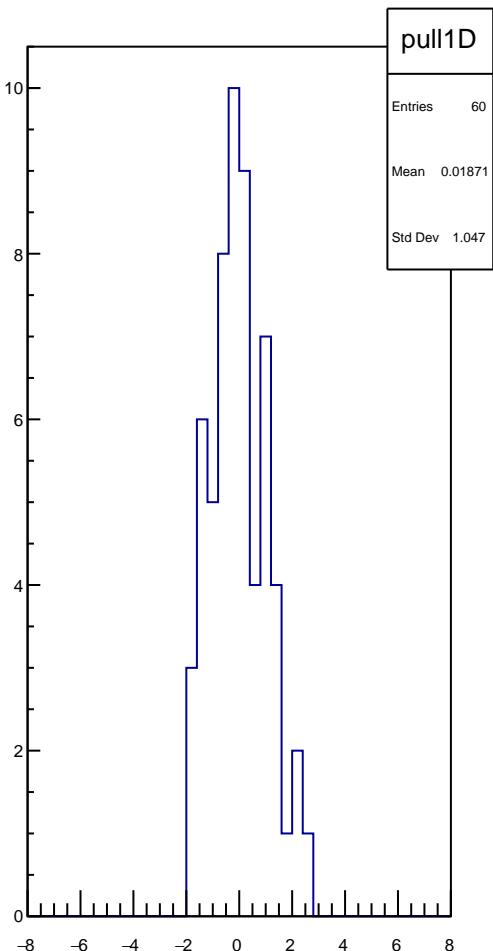
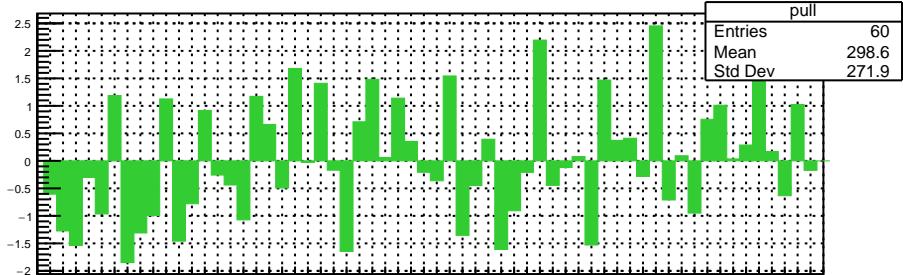
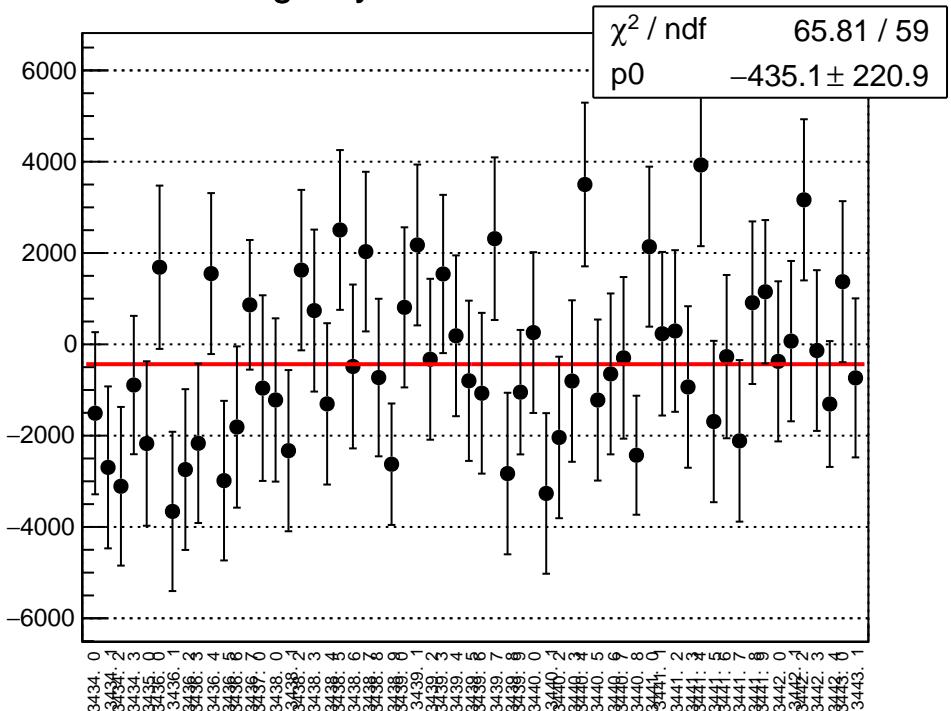
asym_dsl_correction_mean vs run



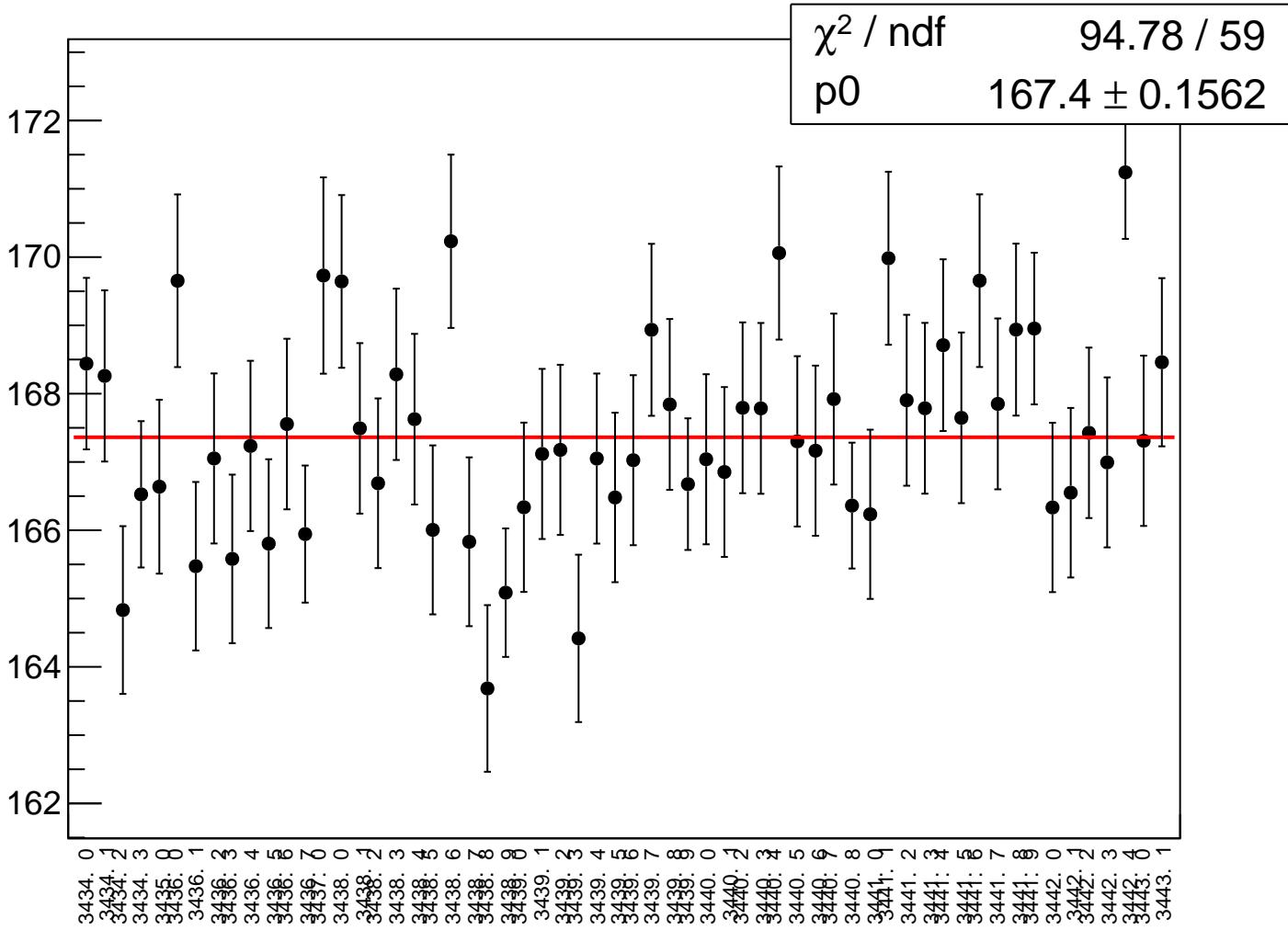
asym_dsl_correction_rms vs run

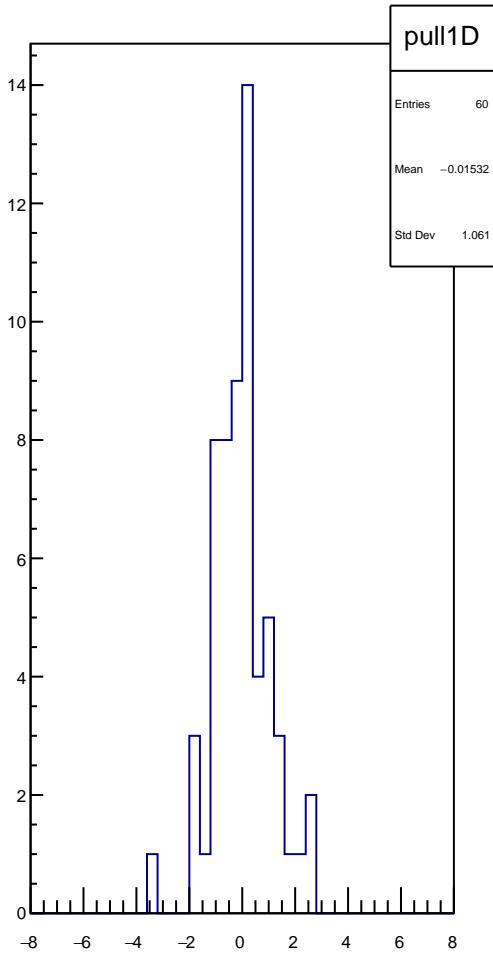
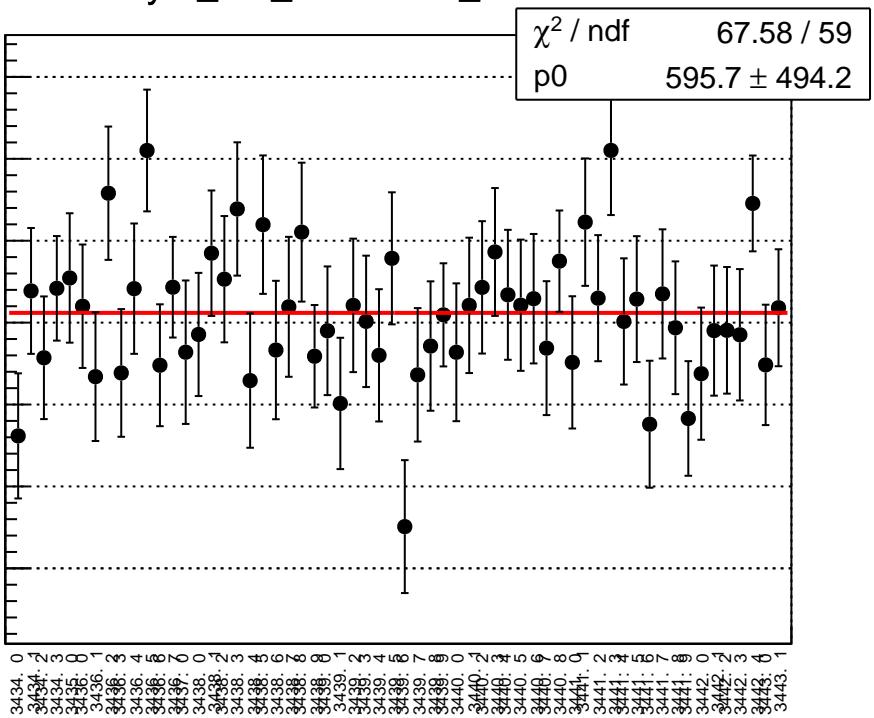


reg_asym_dsr_mean vs run

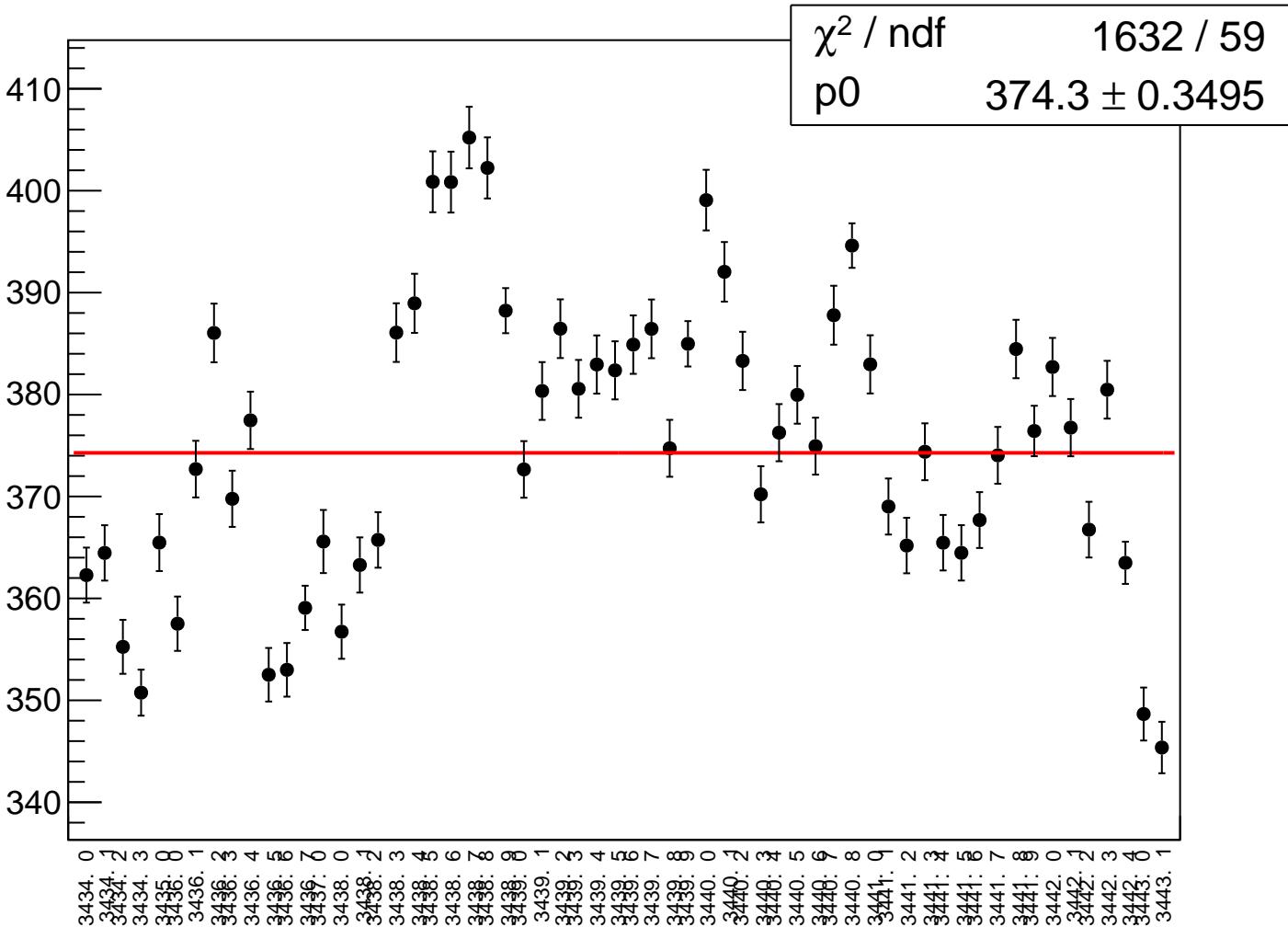


reg_asym_dsr_rms vs run

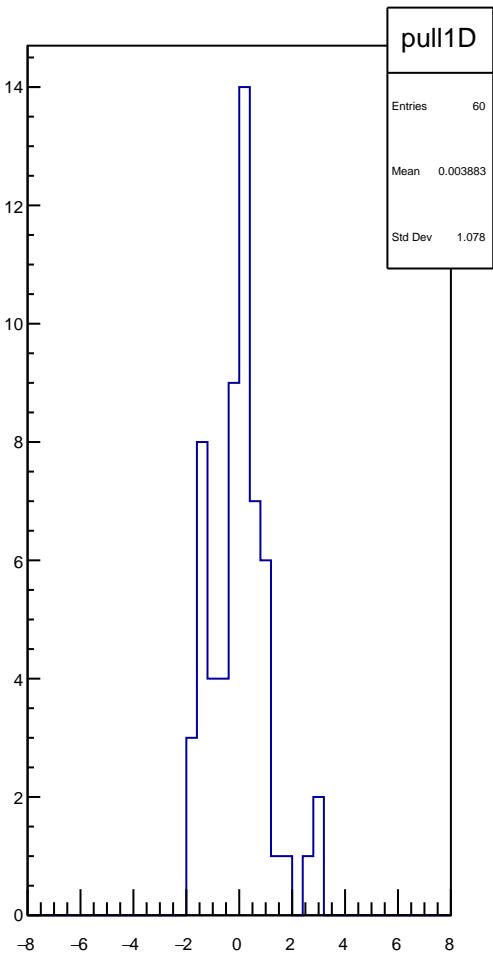
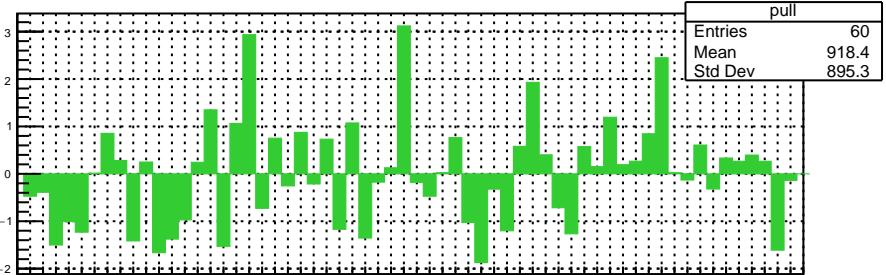
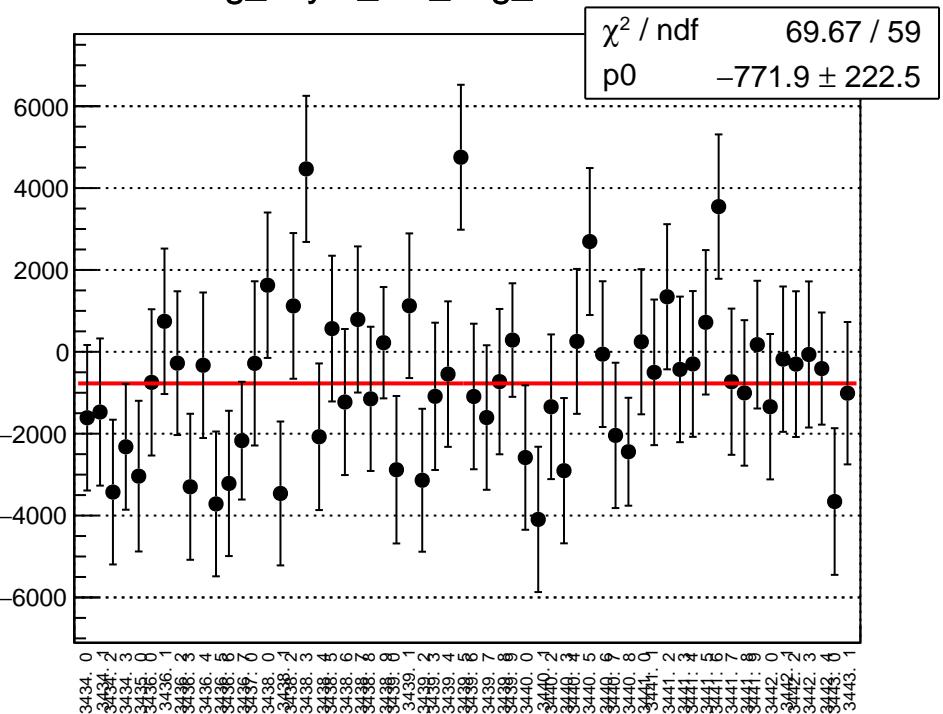




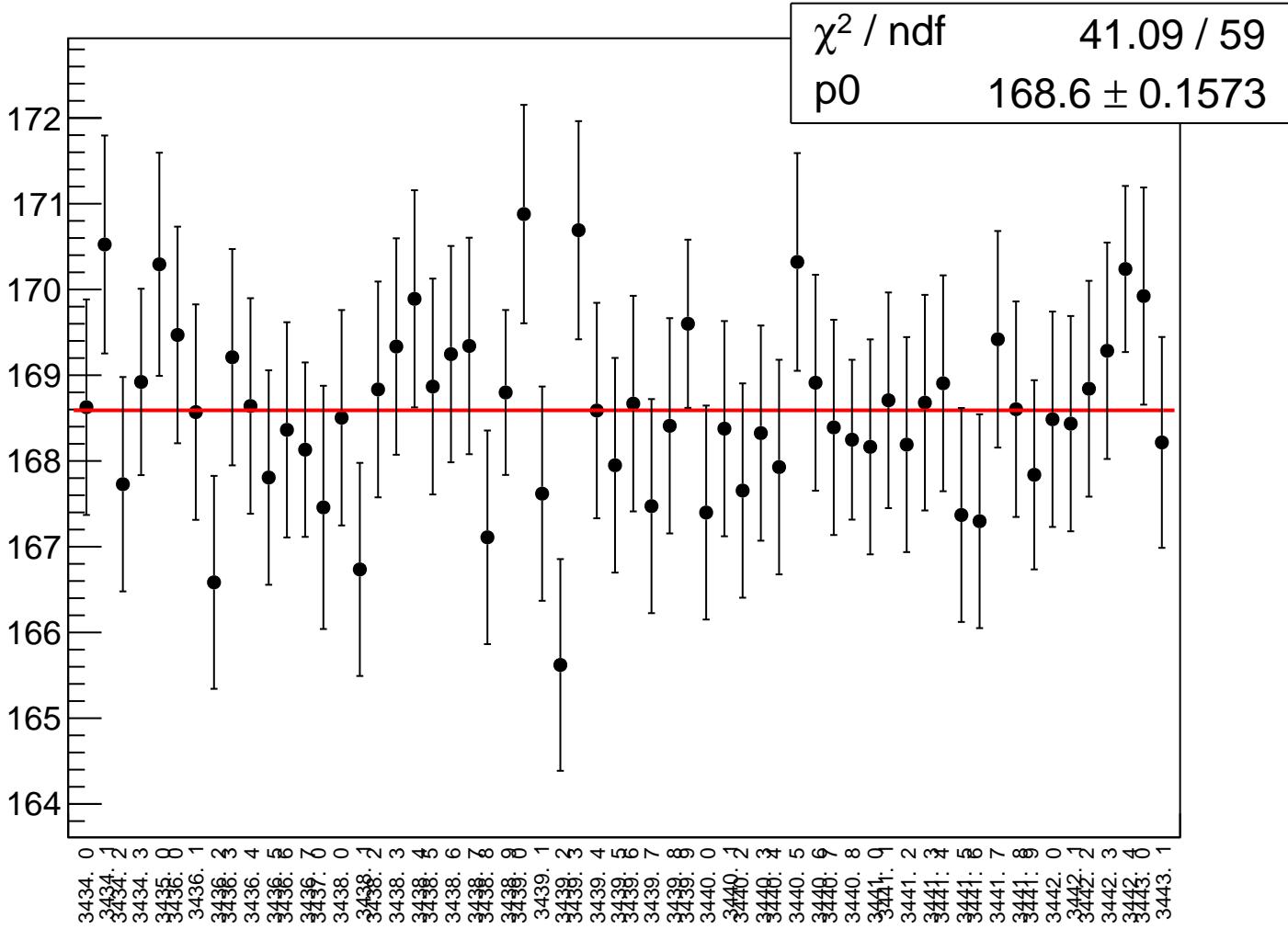
asym_dsr_correction_rms vs run



reg_asym_left_avg_mean vs run



reg_asym_left_avg_rms vs run



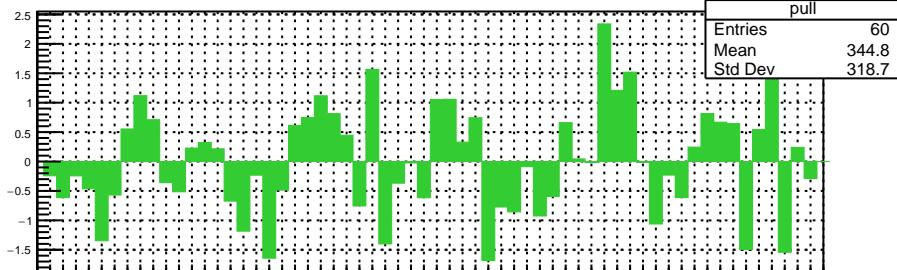
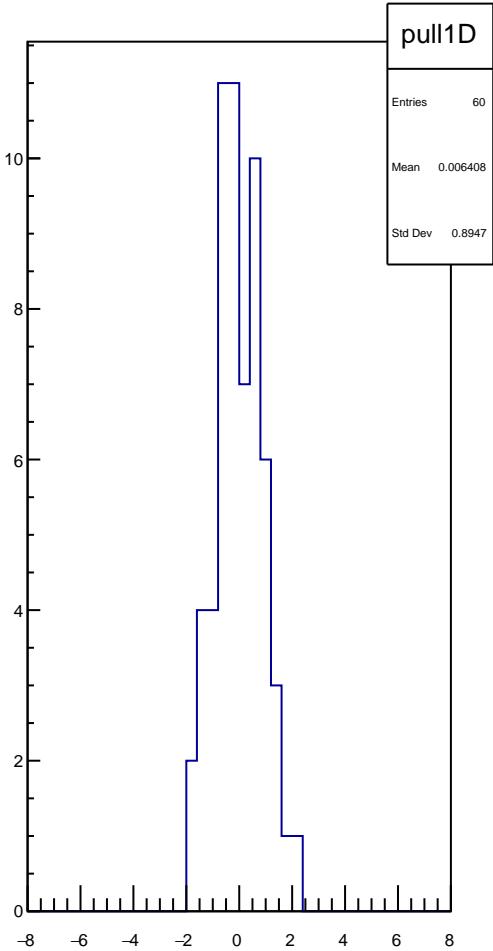
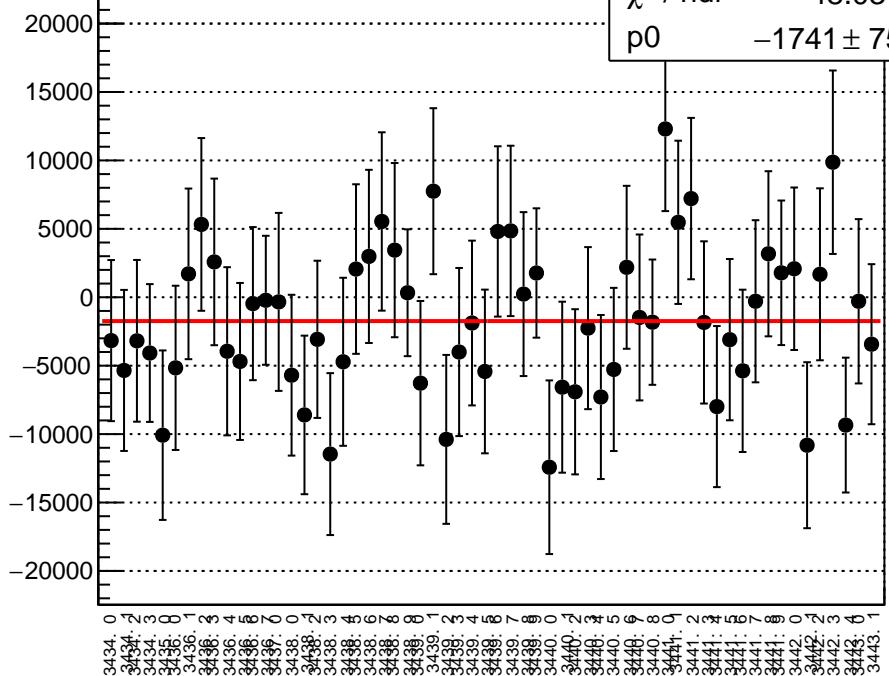
asym_left_avg_correction_mean vs run

χ^2 / ndf

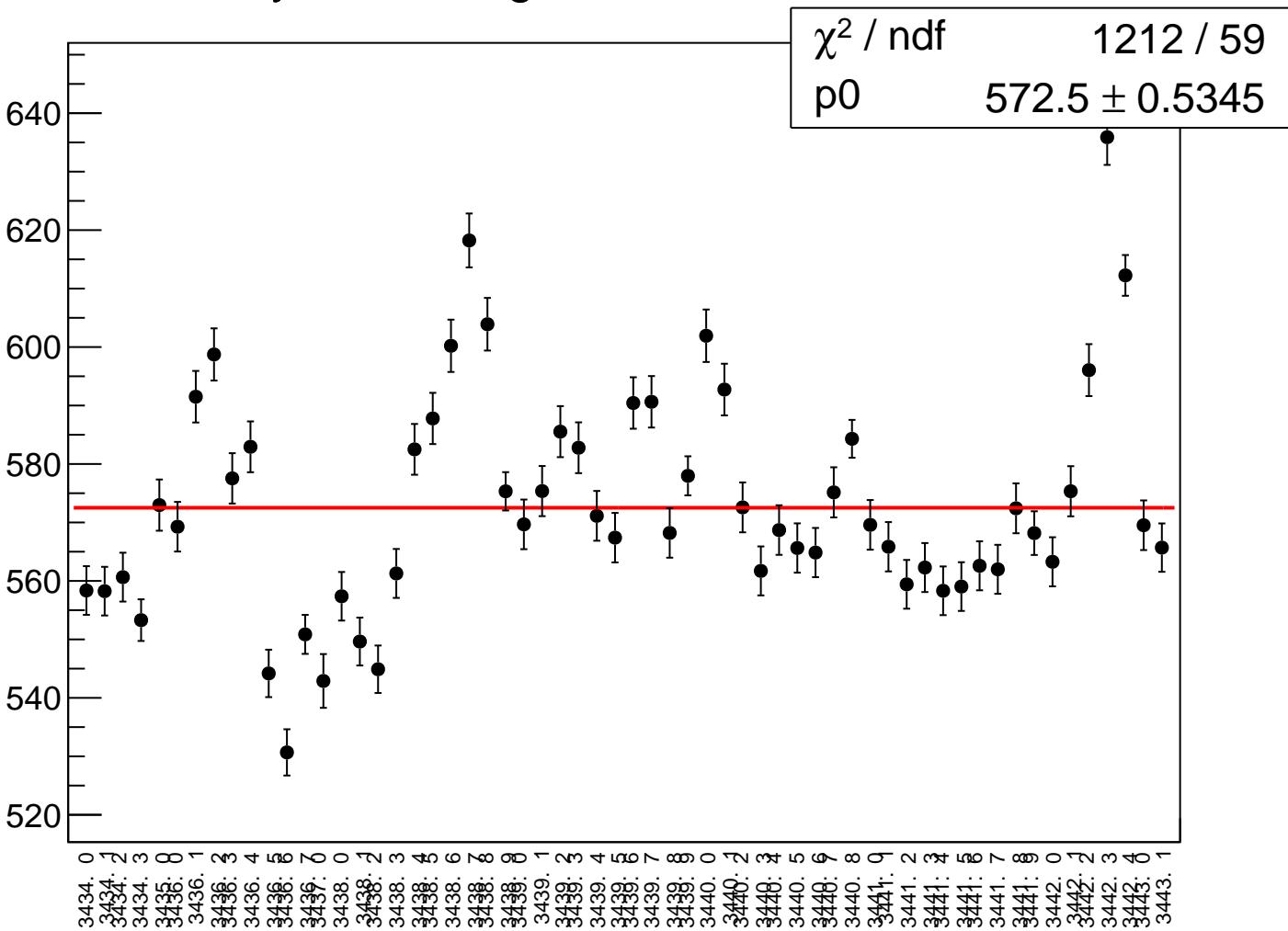
48.03 / 59

p0

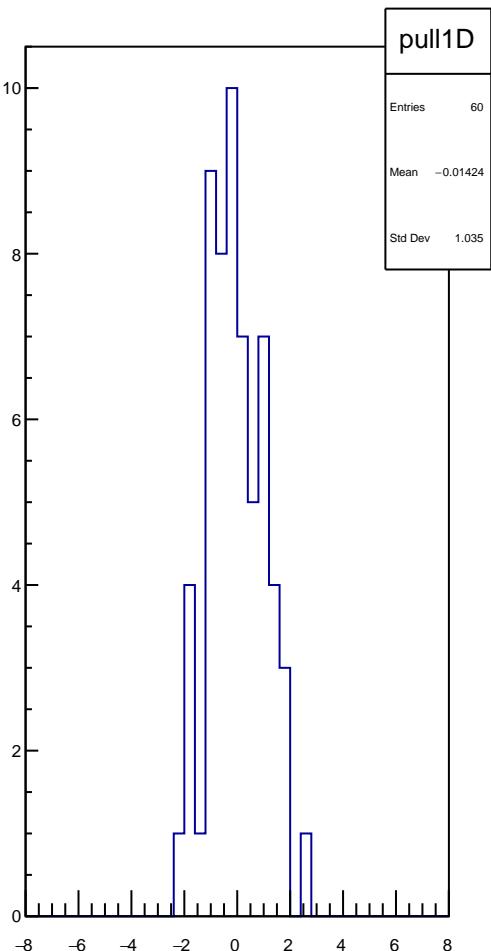
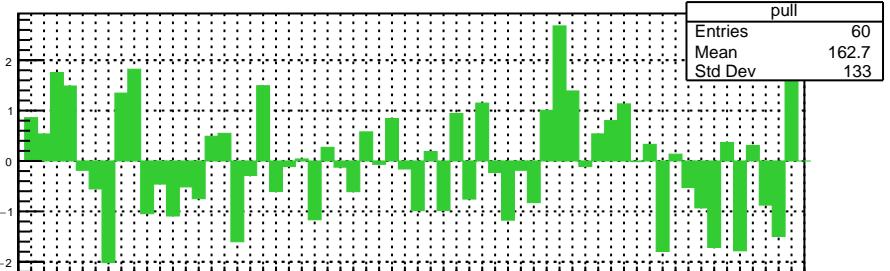
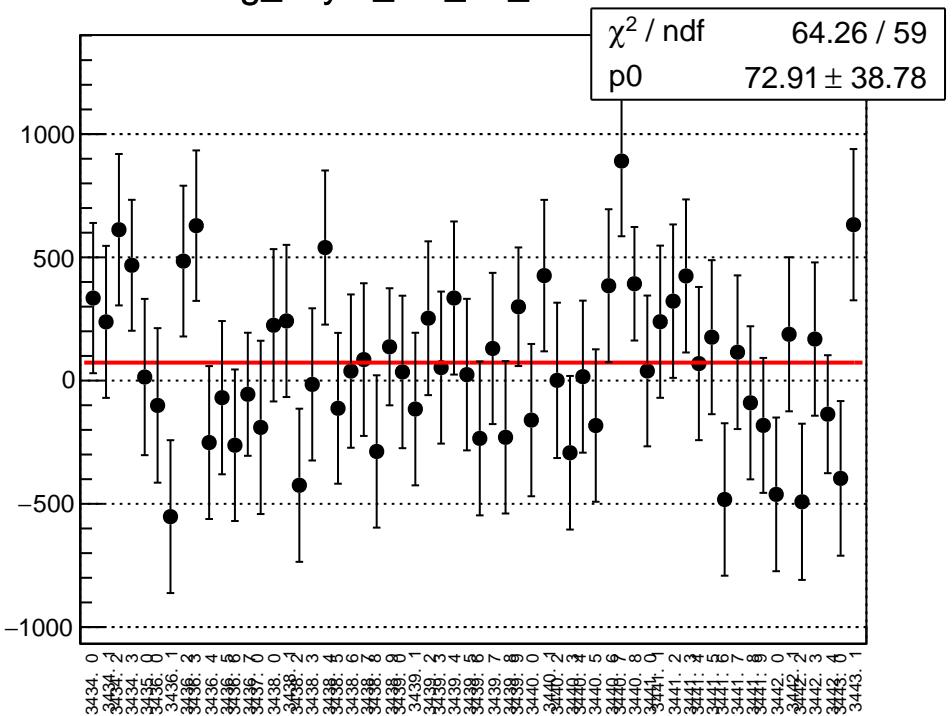
-1741 ± 755.9



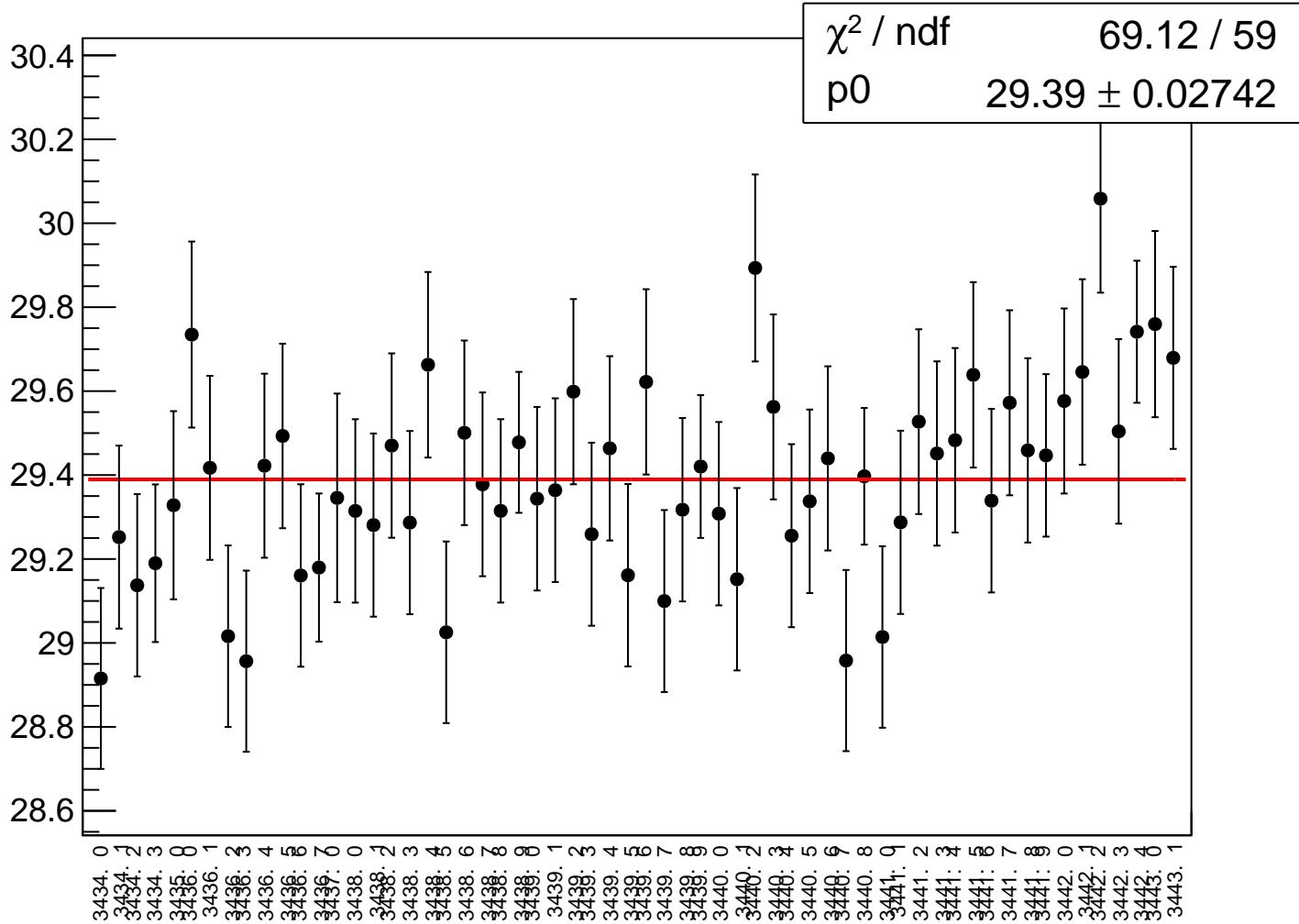
asym_left_avg_correction_rms vs run



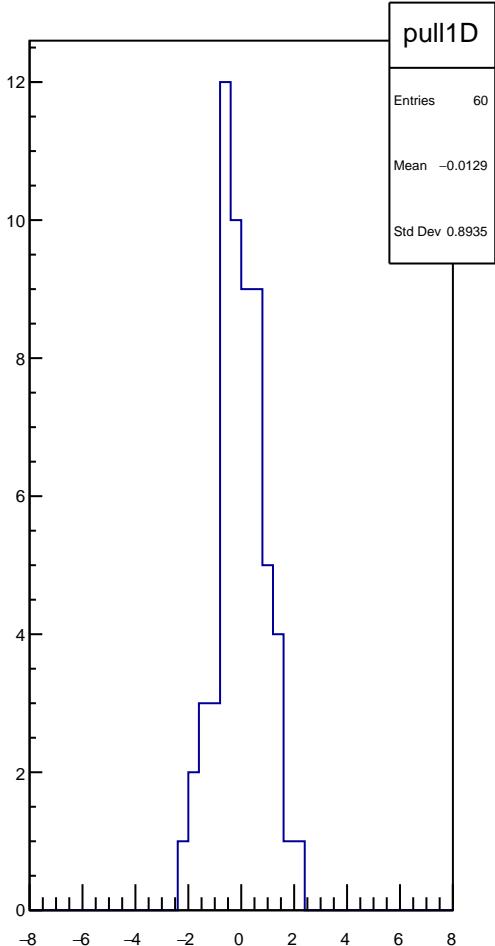
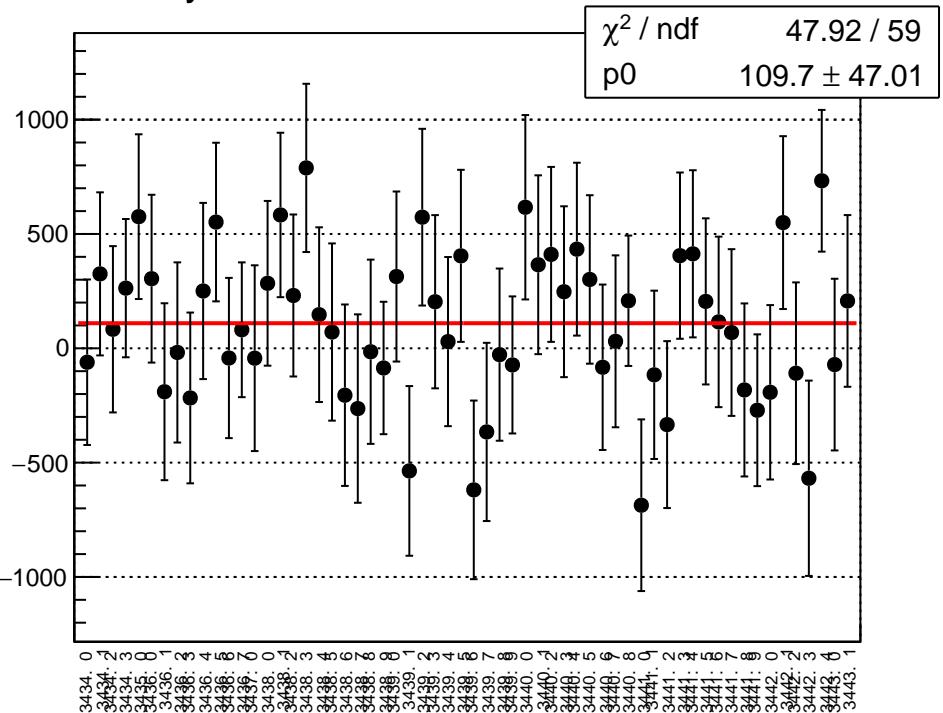
reg_asym_left_dd_mean vs run



reg_asym_left_dd_rms vs run



asym_left_dd_correction_mean vs run



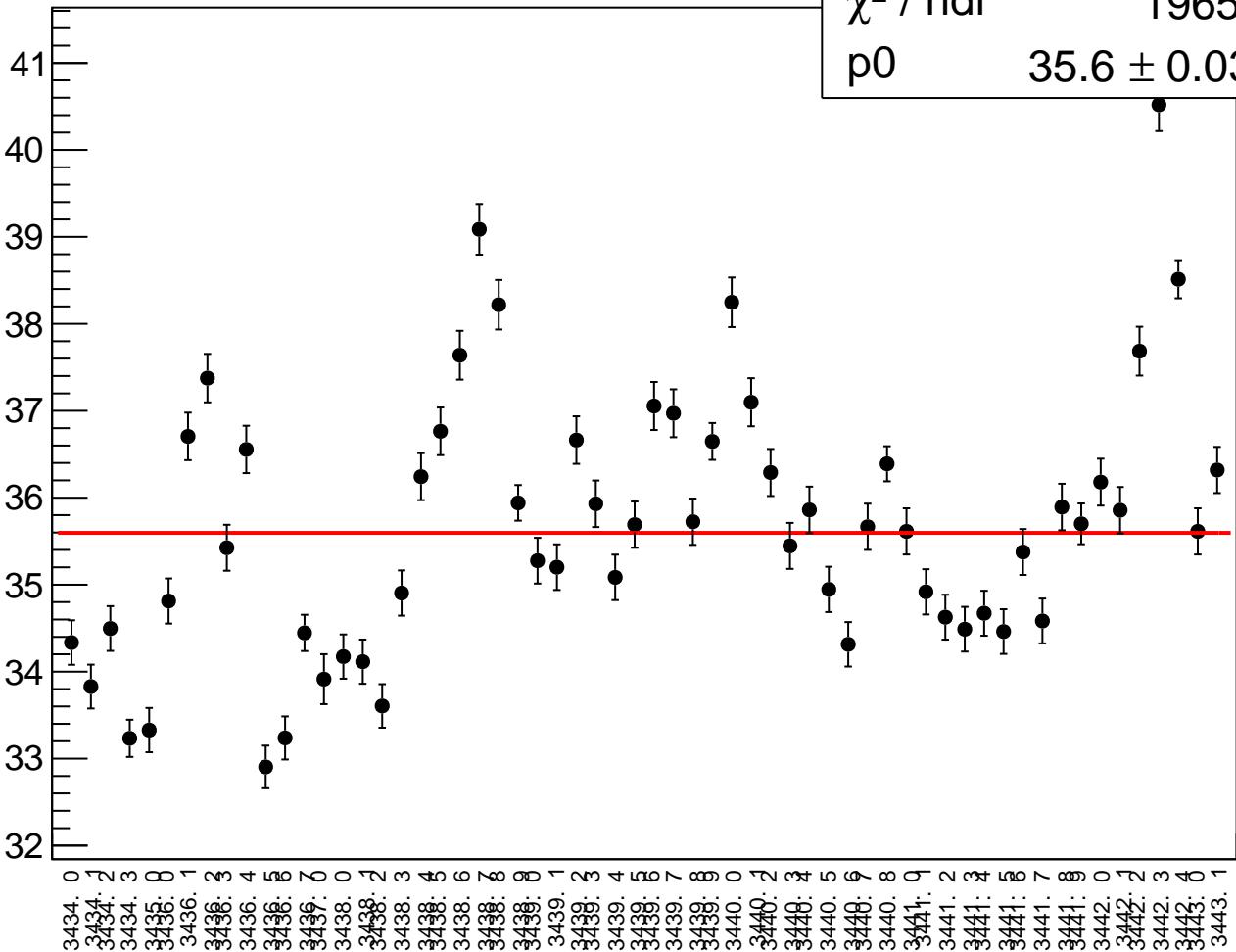
asym_left_dd_correction_rms vs run

χ^2 / ndf

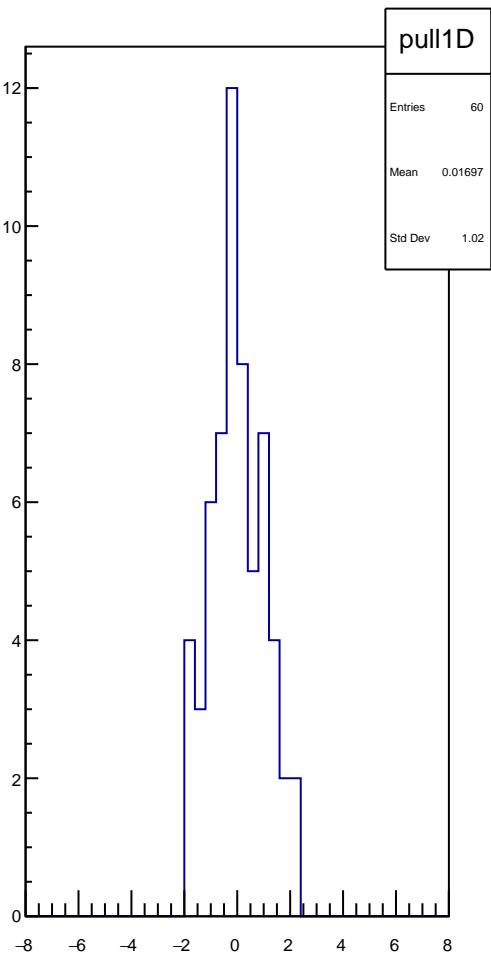
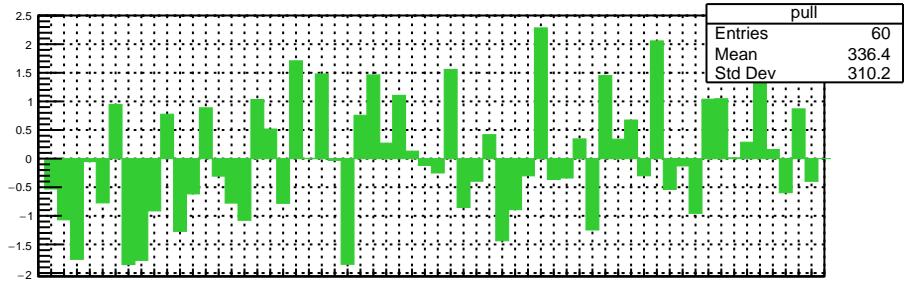
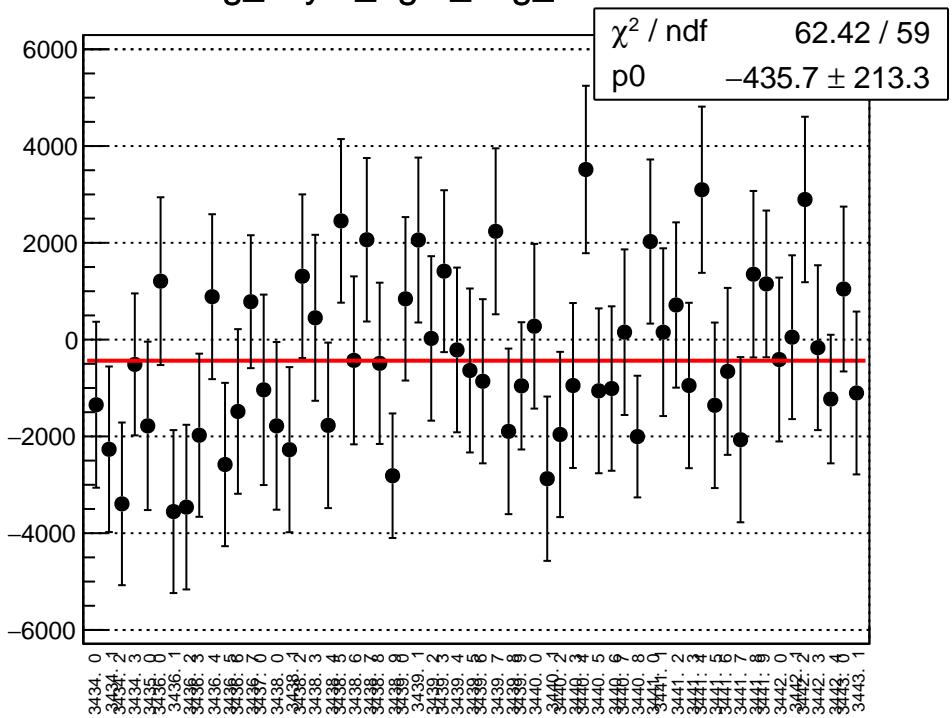
1965 / 59

p0

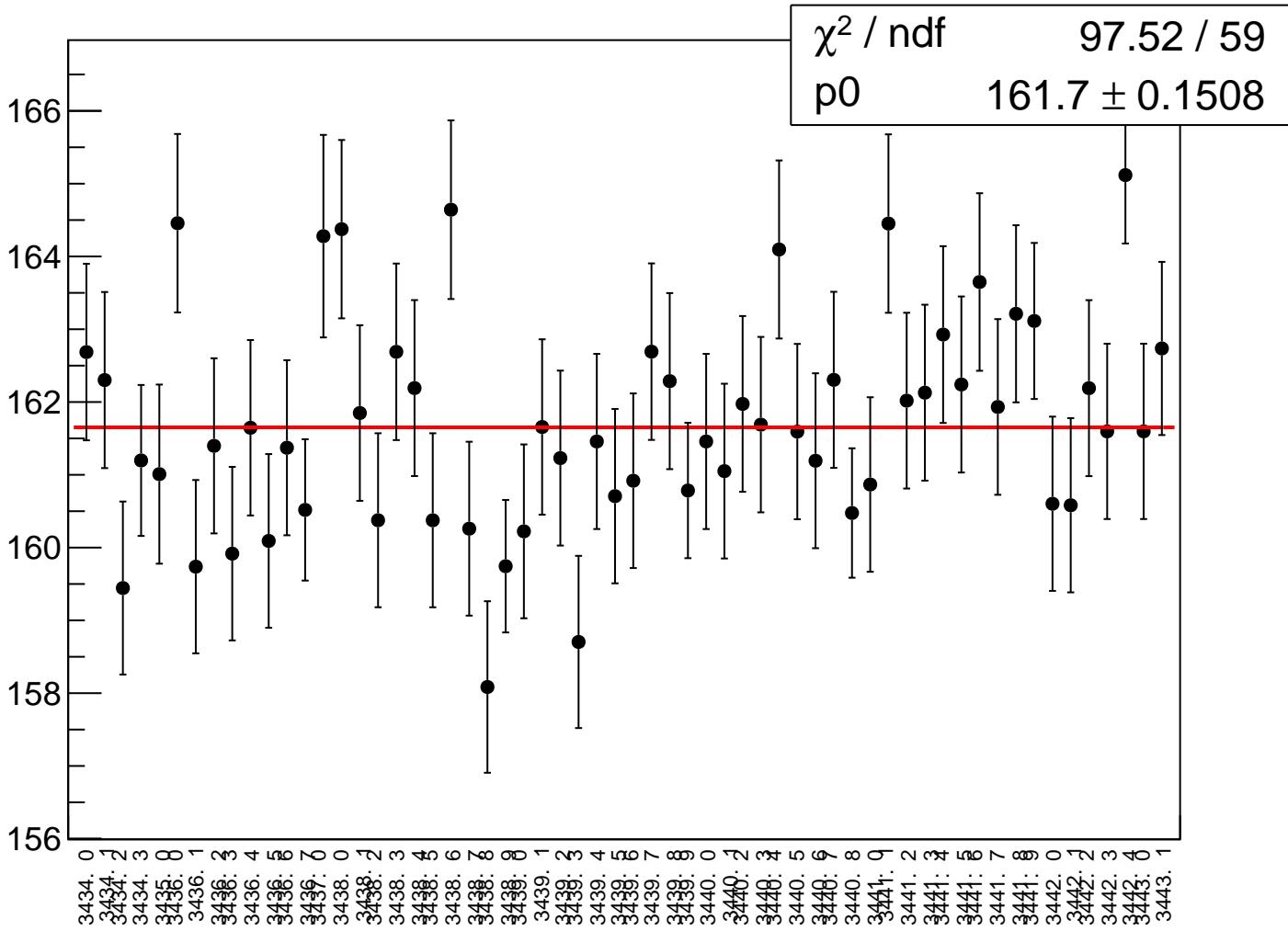
35.6 ± 0.03324



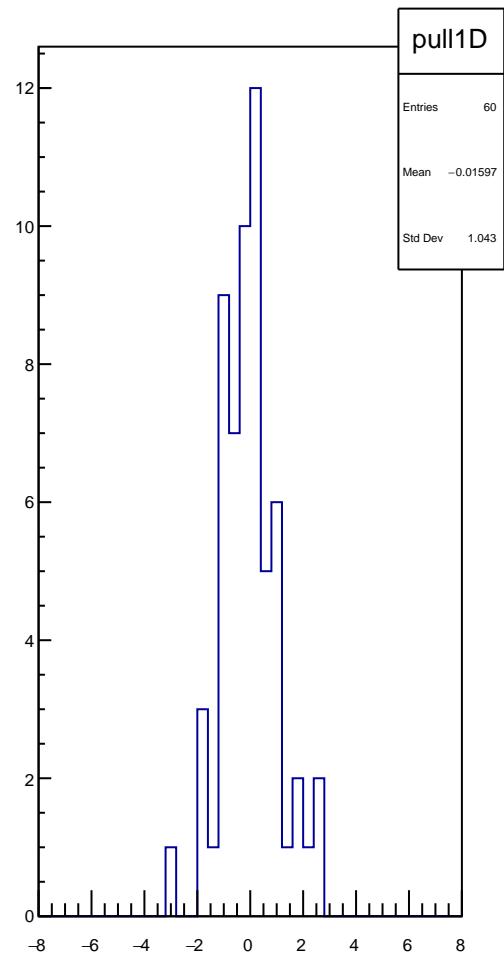
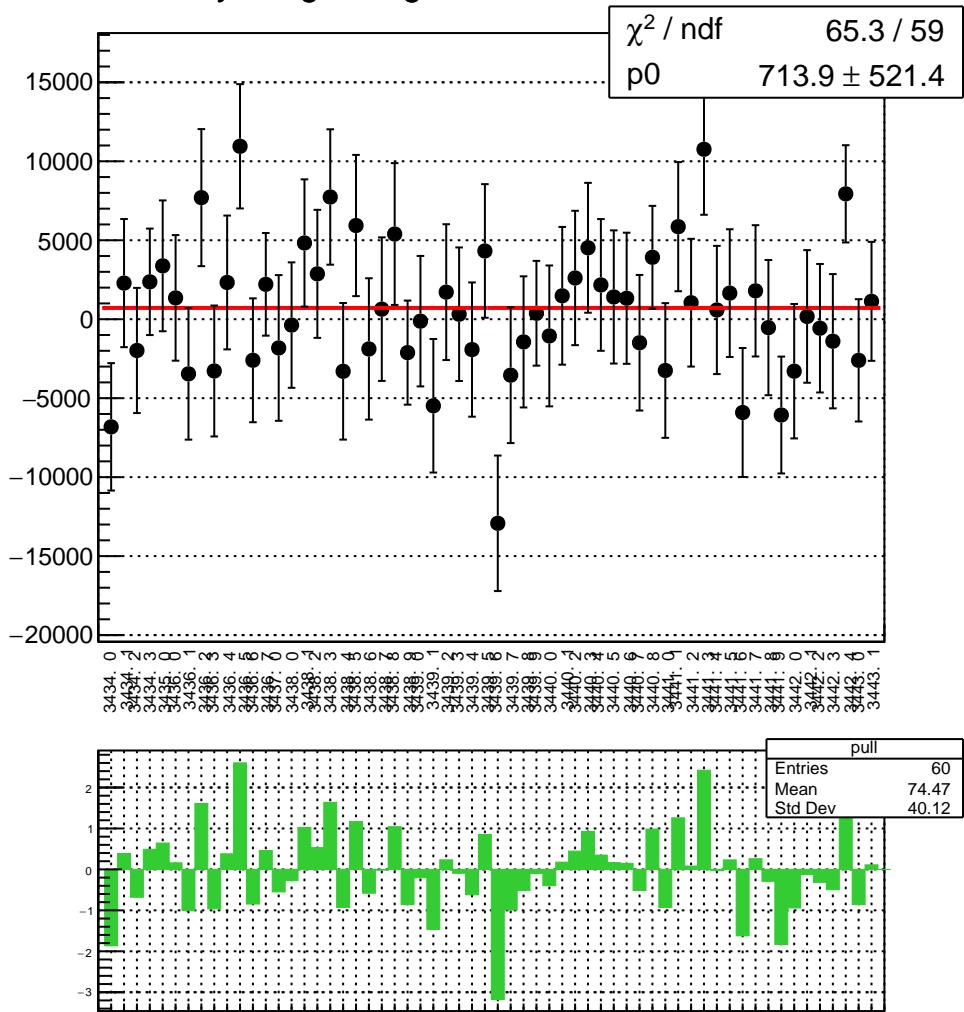
reg_asym_right_avg_mean vs run



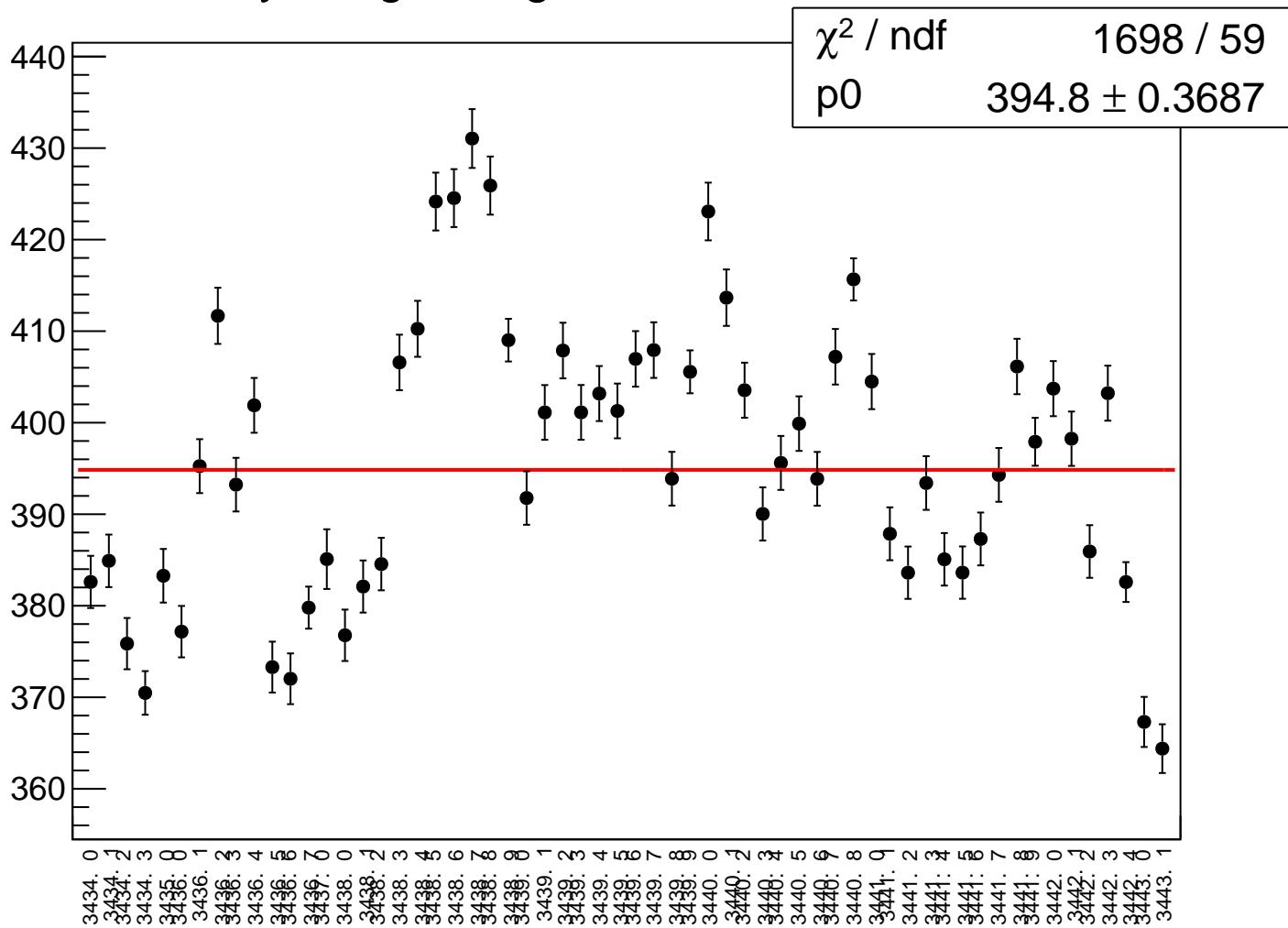
reg_asym_right_avg_rms vs run



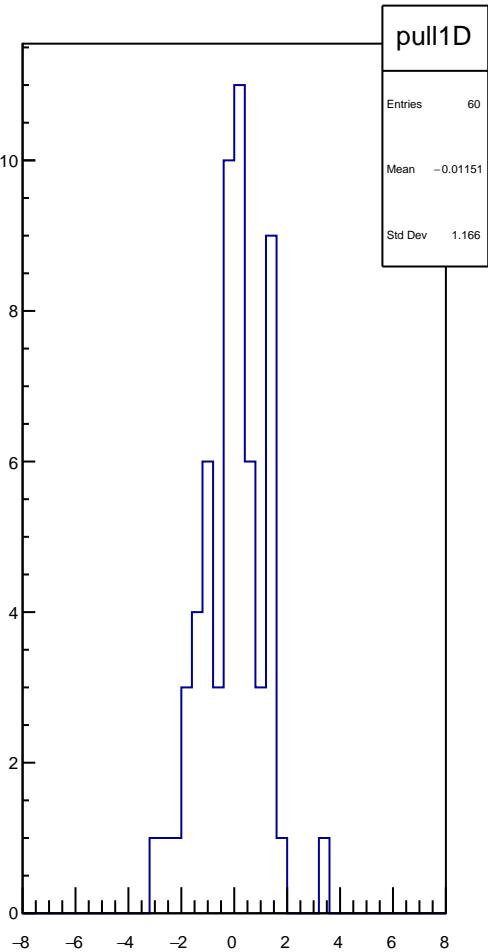
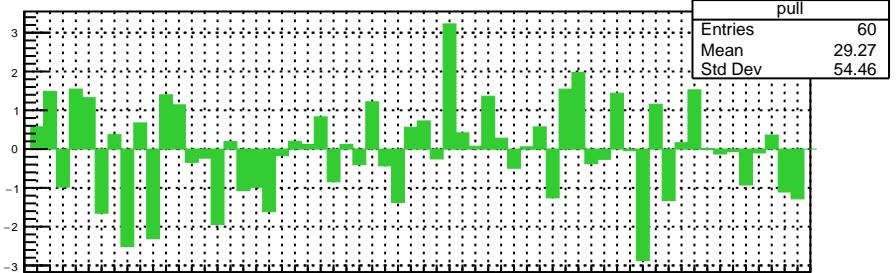
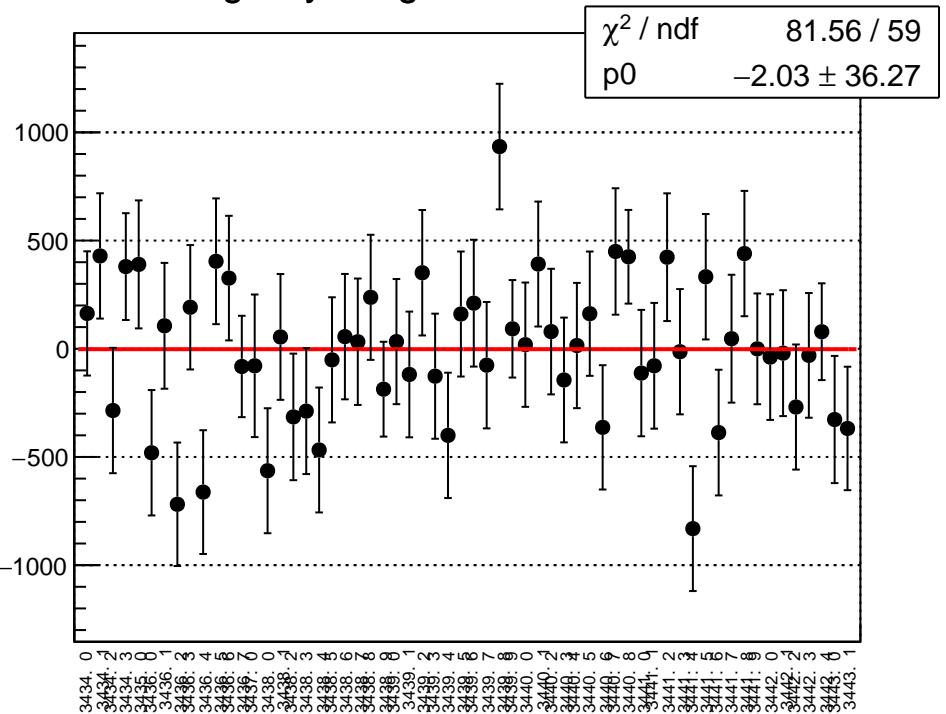
asym_right_avg_correction_mean vs run



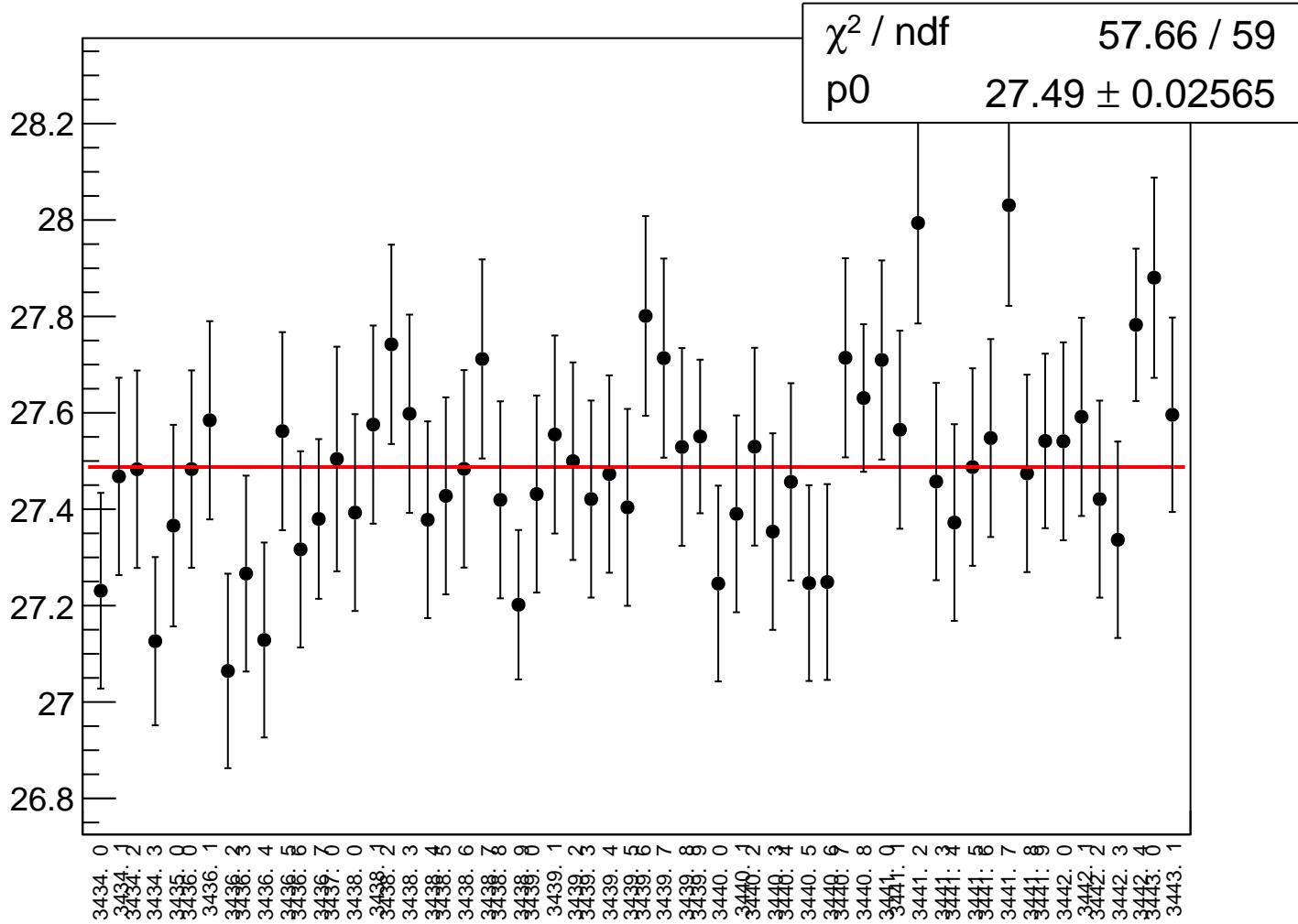
asym_right_avg_correction_rms vs run



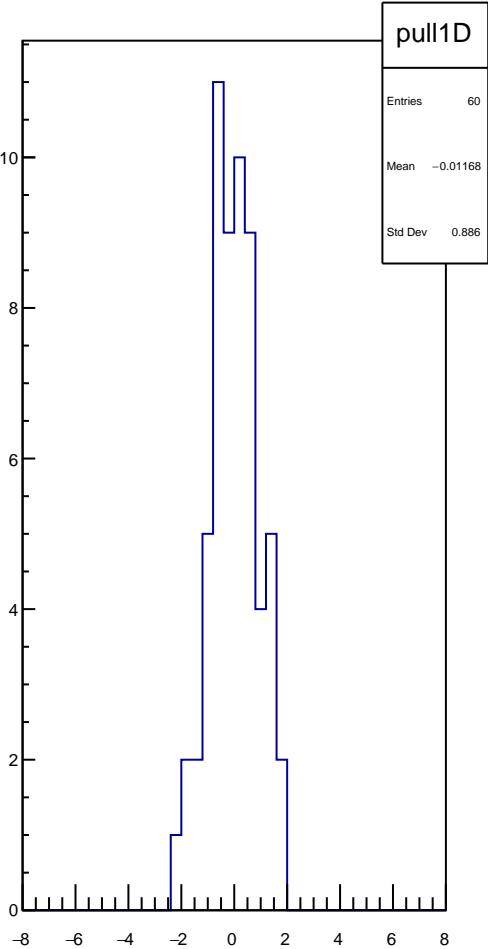
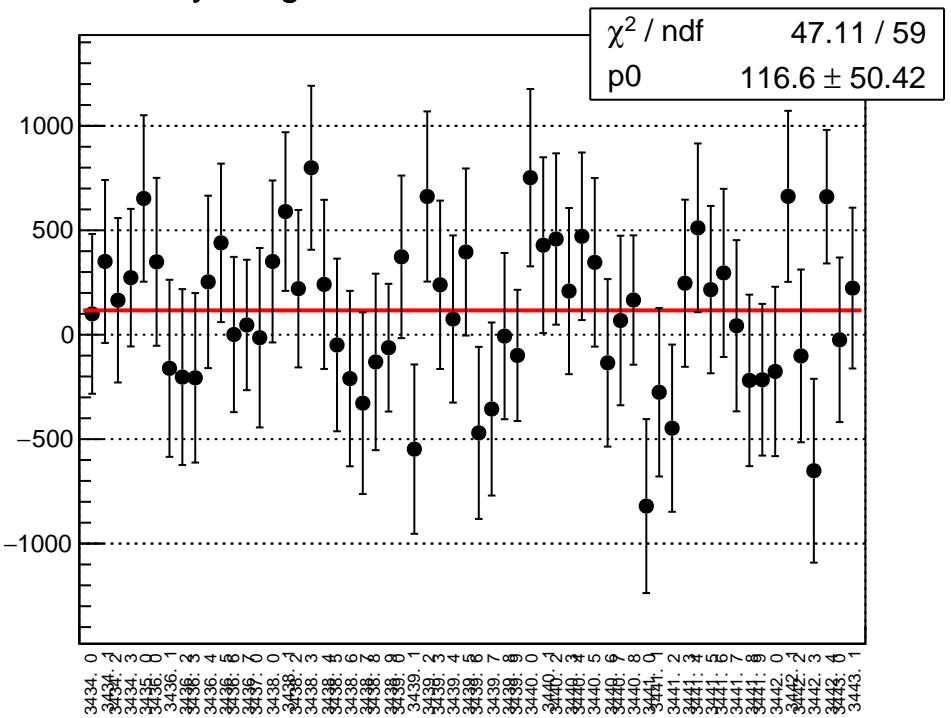
reg_asym_right_dd_mean vs run



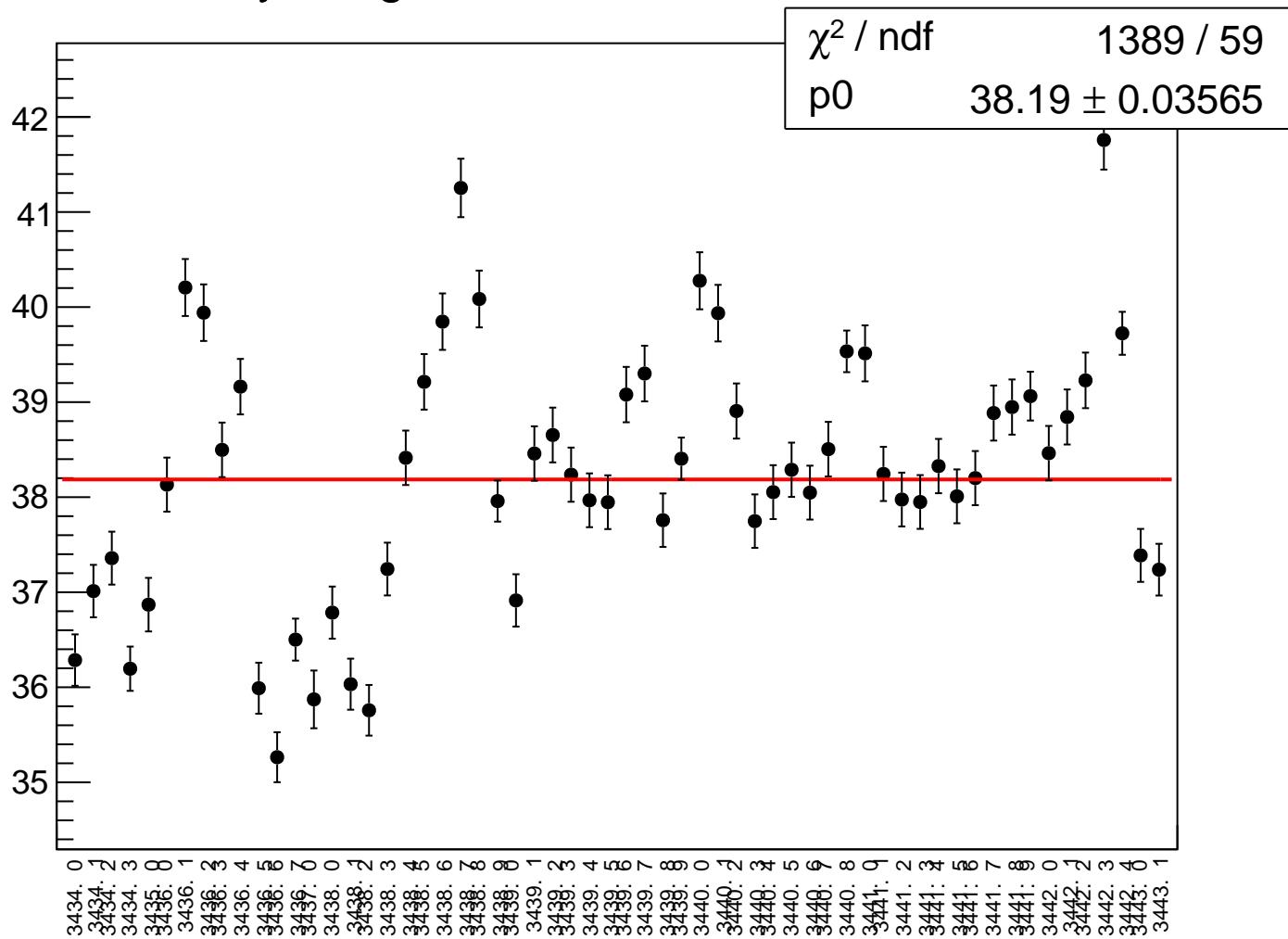
reg_asym_right_dd_rms vs run



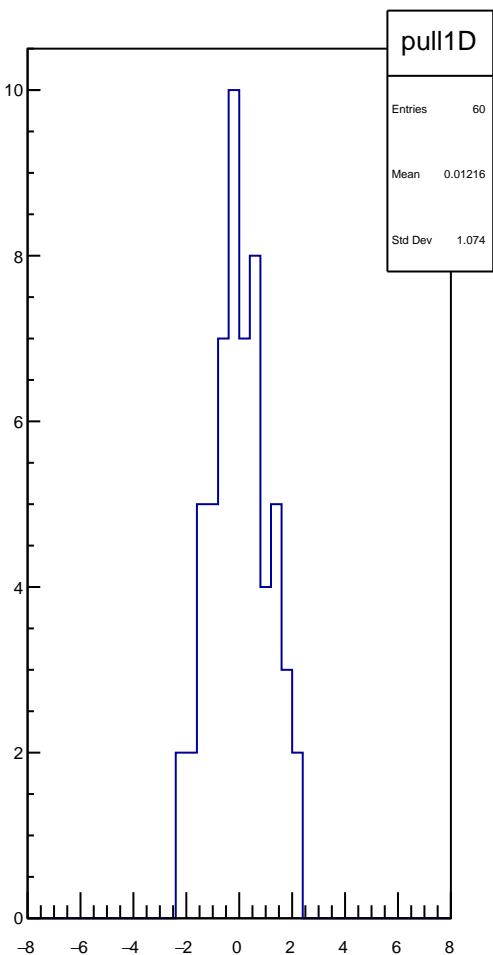
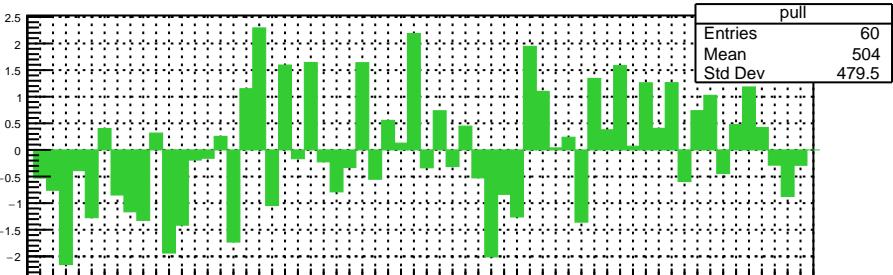
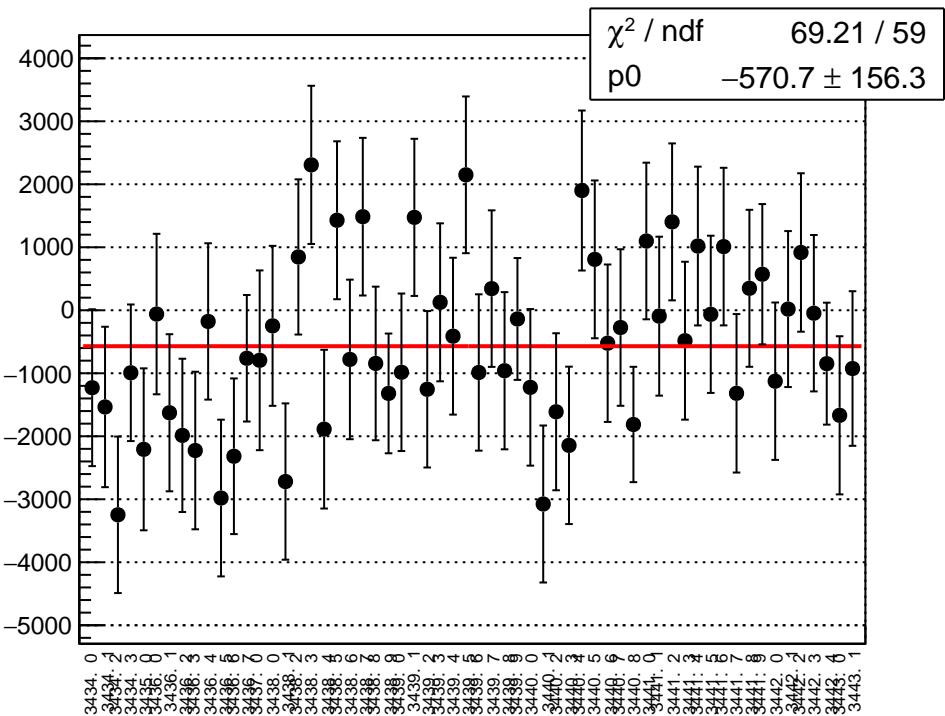
asym_right_dd_correction_mean vs run



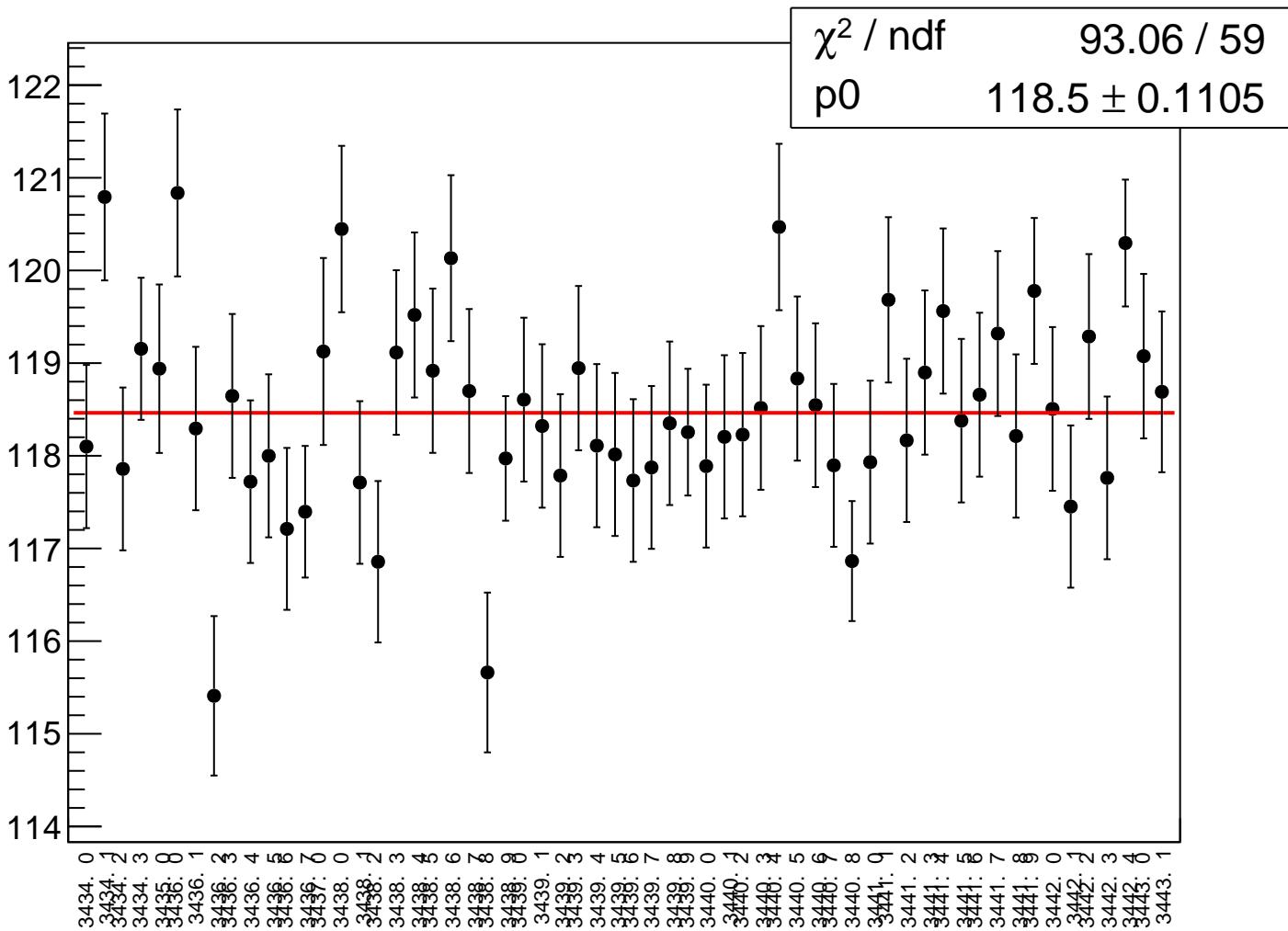
asym_right_dd_correction_rms vs run



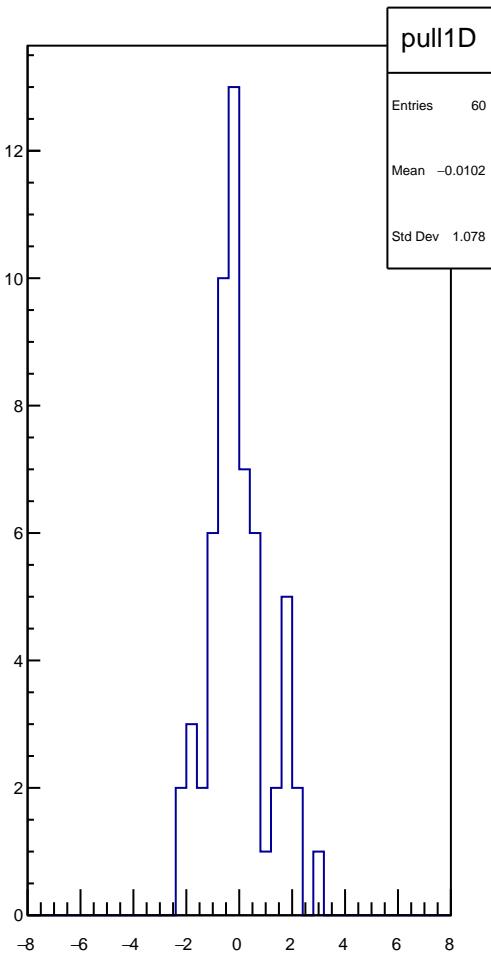
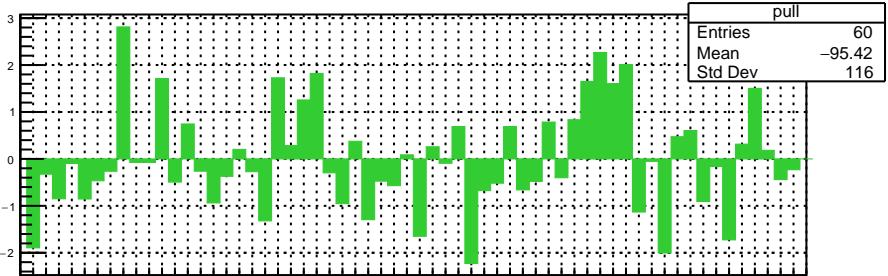
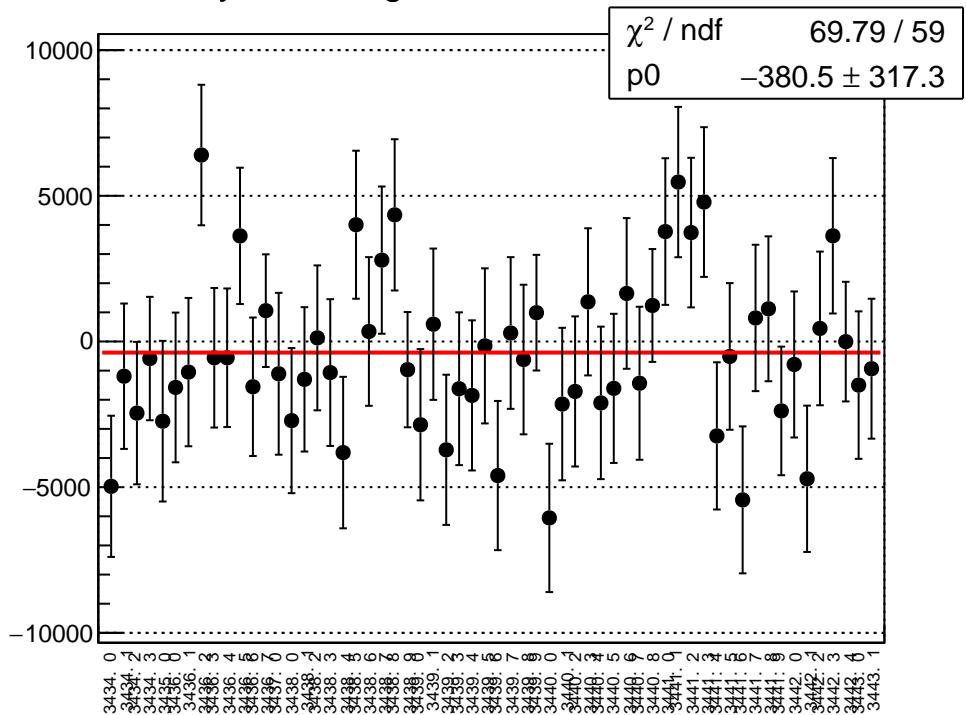
reg_asym_us_avg_mean vs run



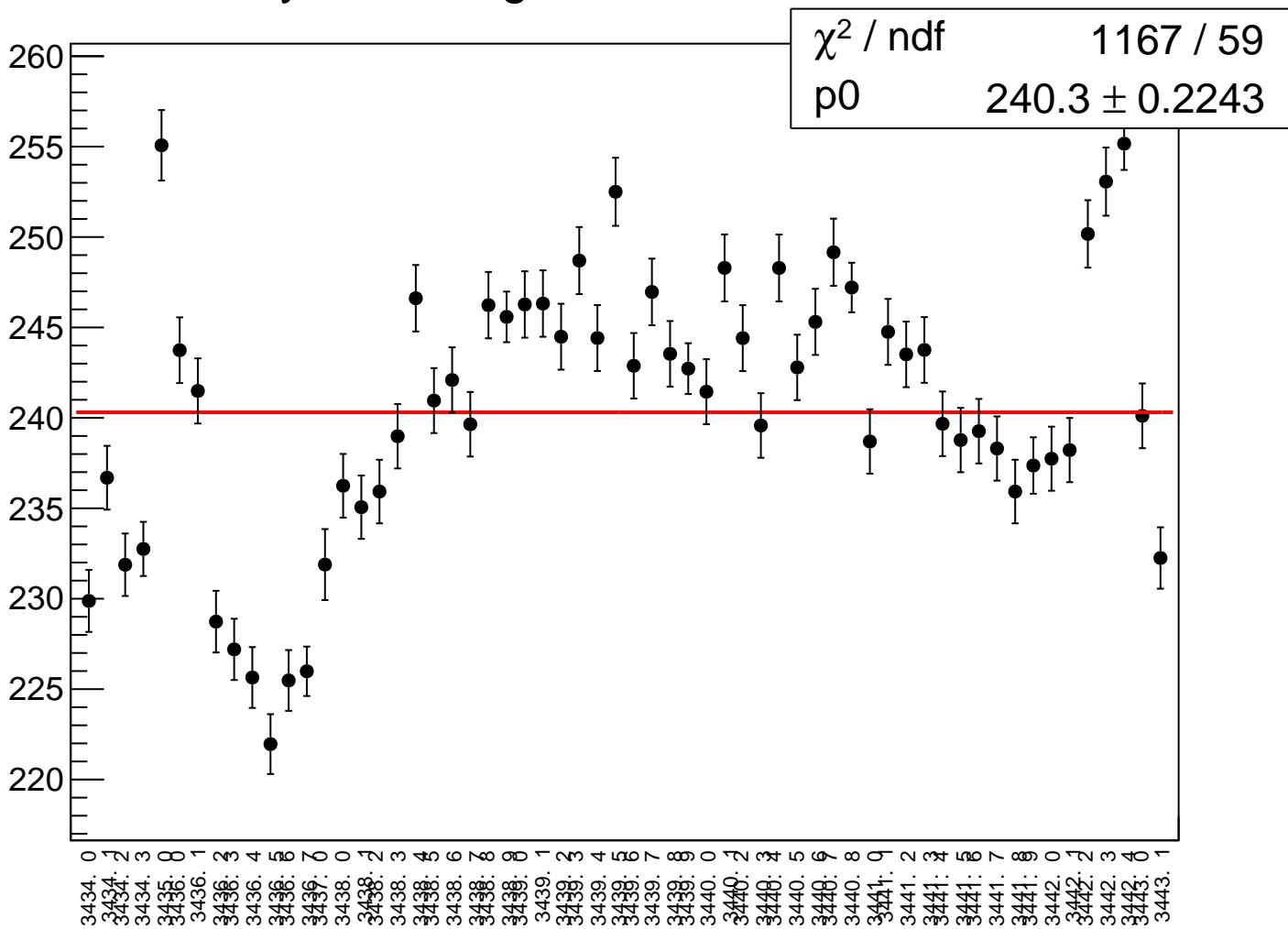
reg_asym_us_avg_rms vs run



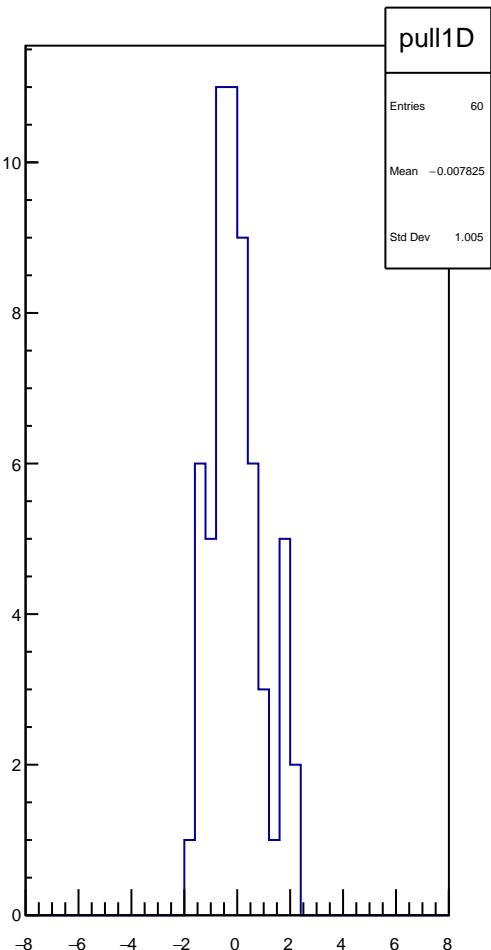
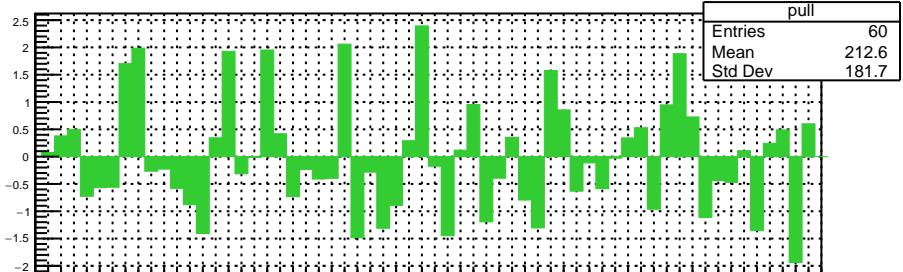
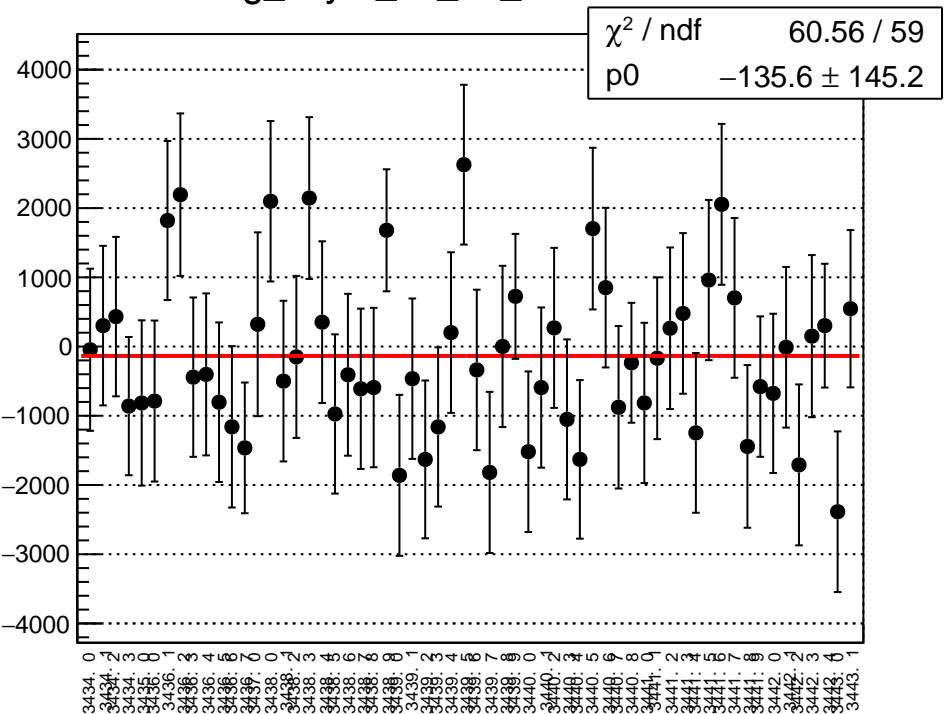
asym_us_avg_correction_mean vs run



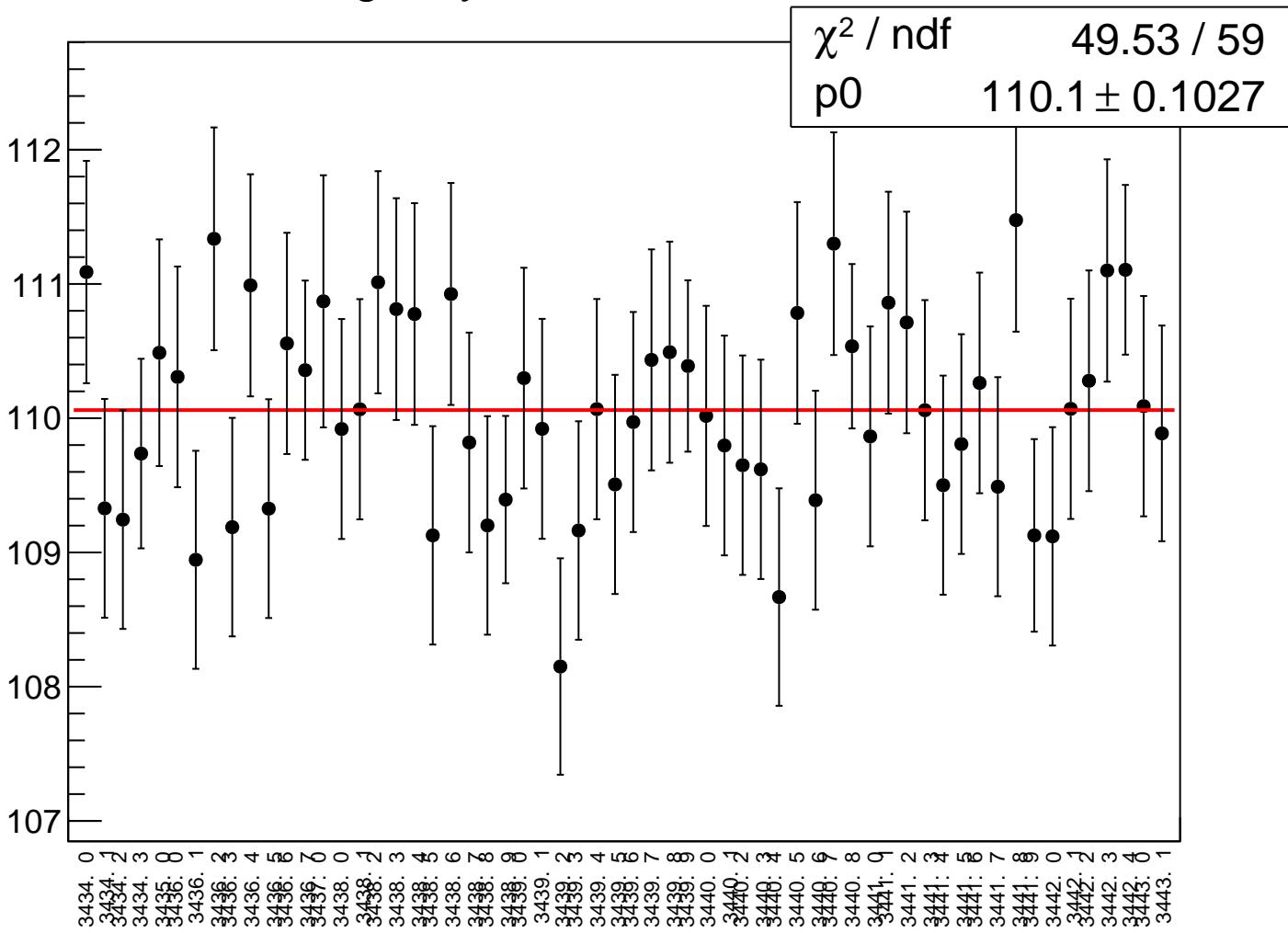
asym_us_avg_correction_rms vs run



reg_asym_us_dd_mean vs run

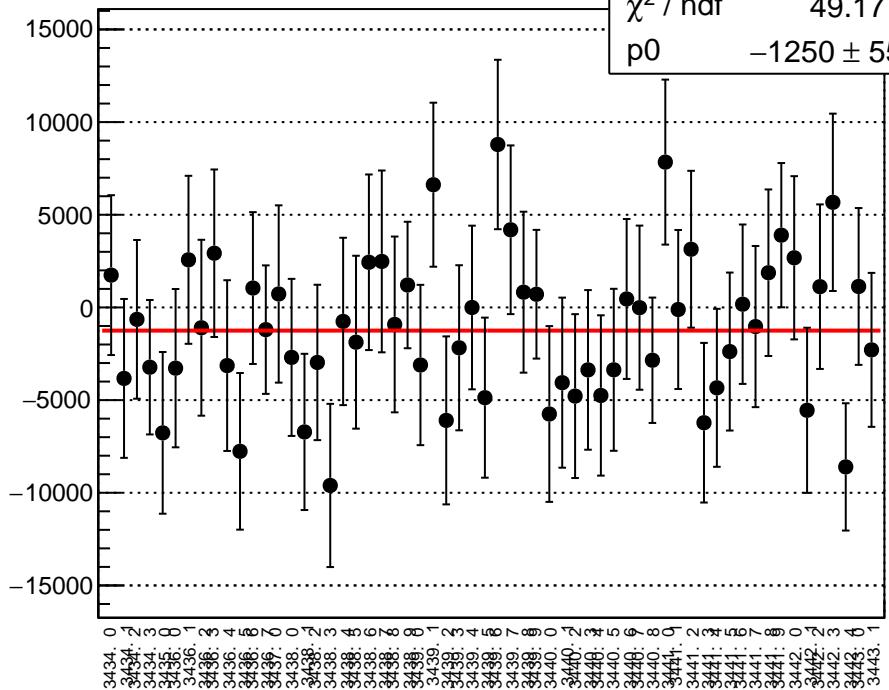


reg_asym_us_dd_rms vs run





χ^2 / ndf 49.17 / 59
p0 -1250 ± 551.5

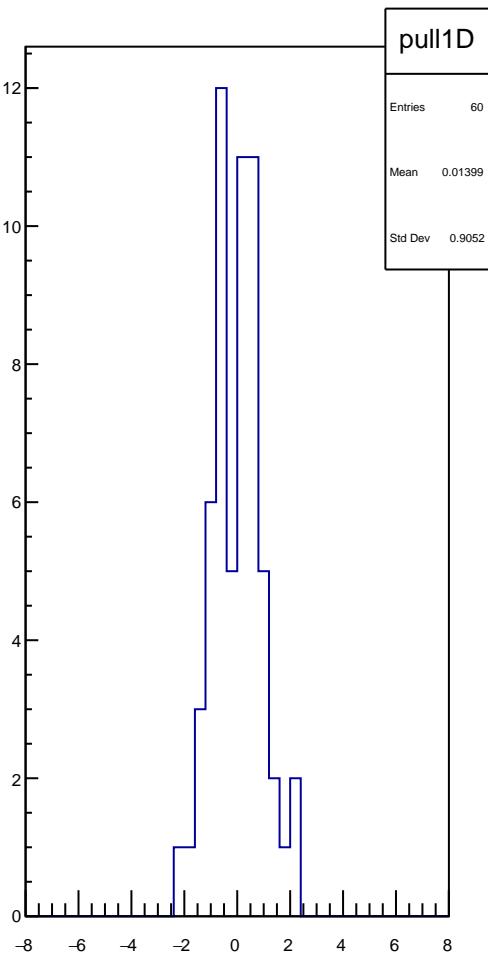


pull

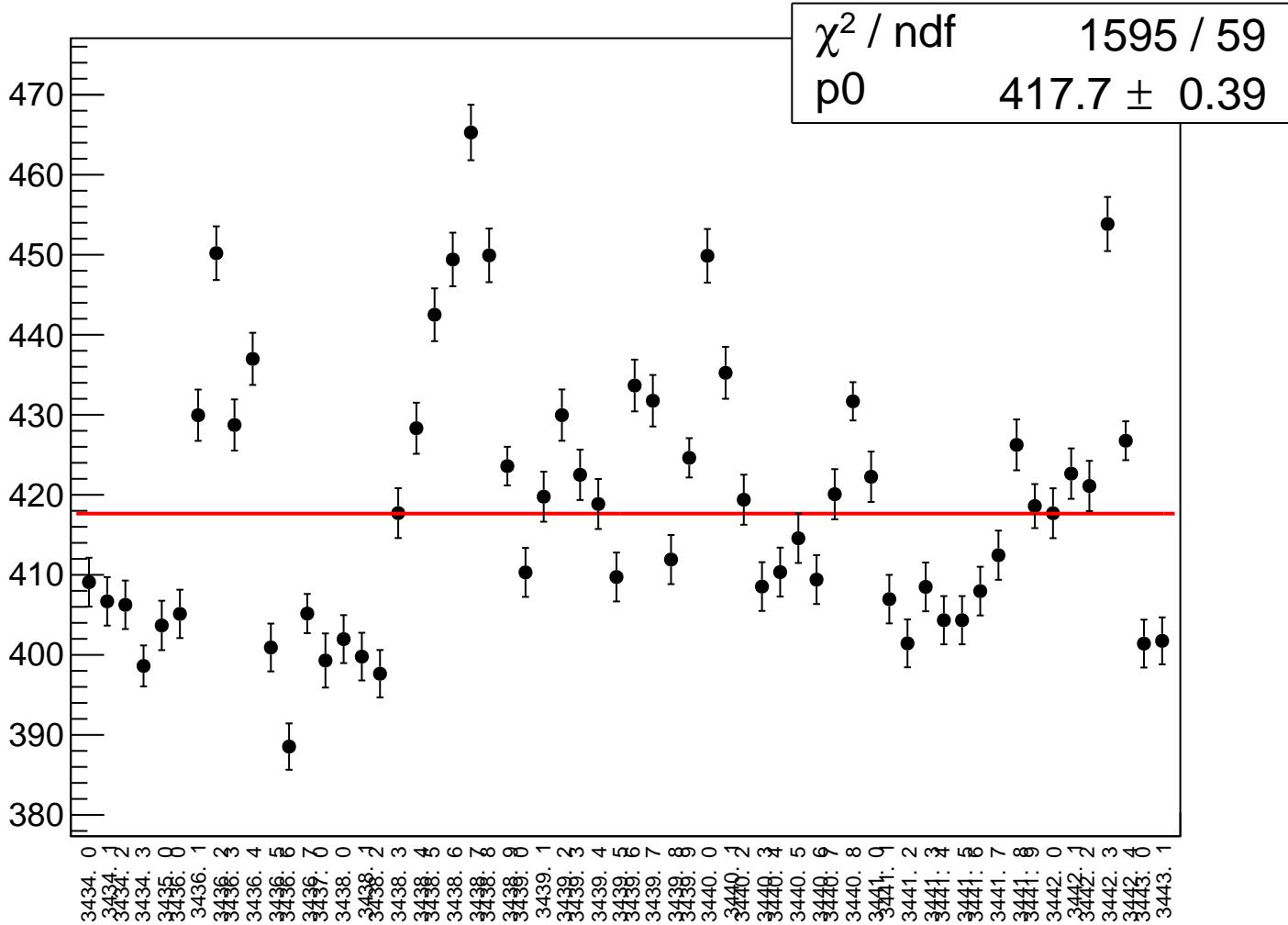
Entries 60

Mean 156.7

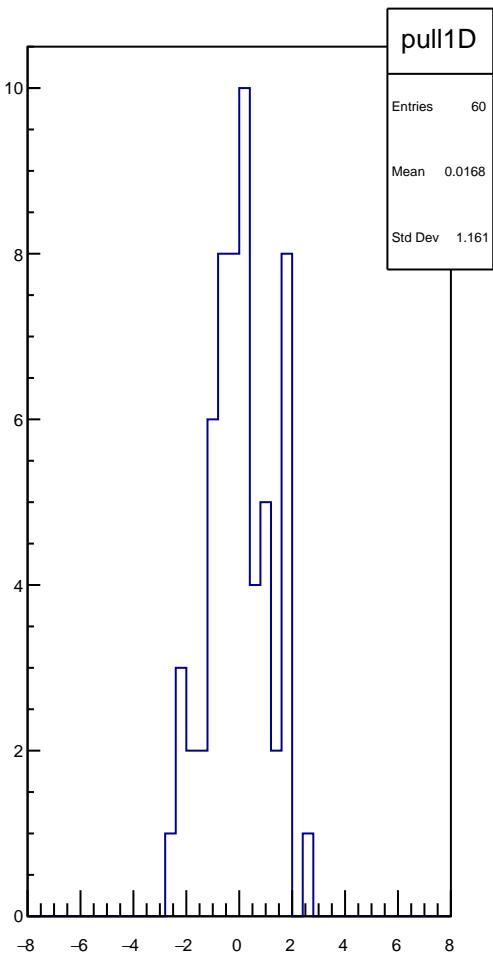
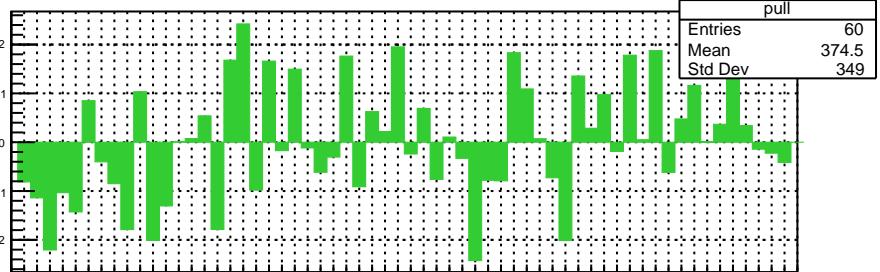
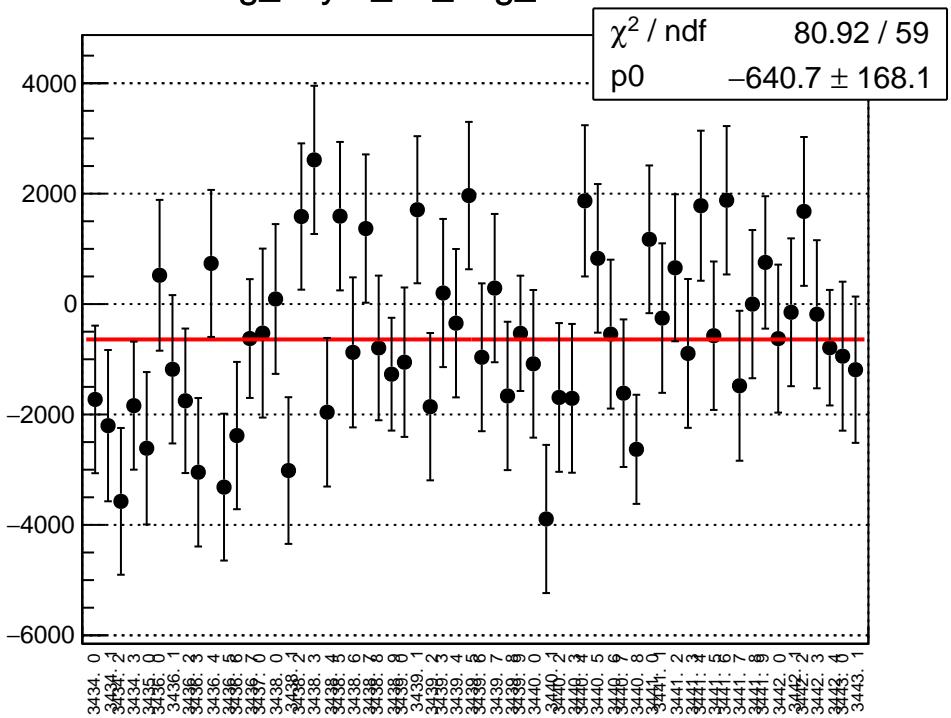
Std Dev 128.9



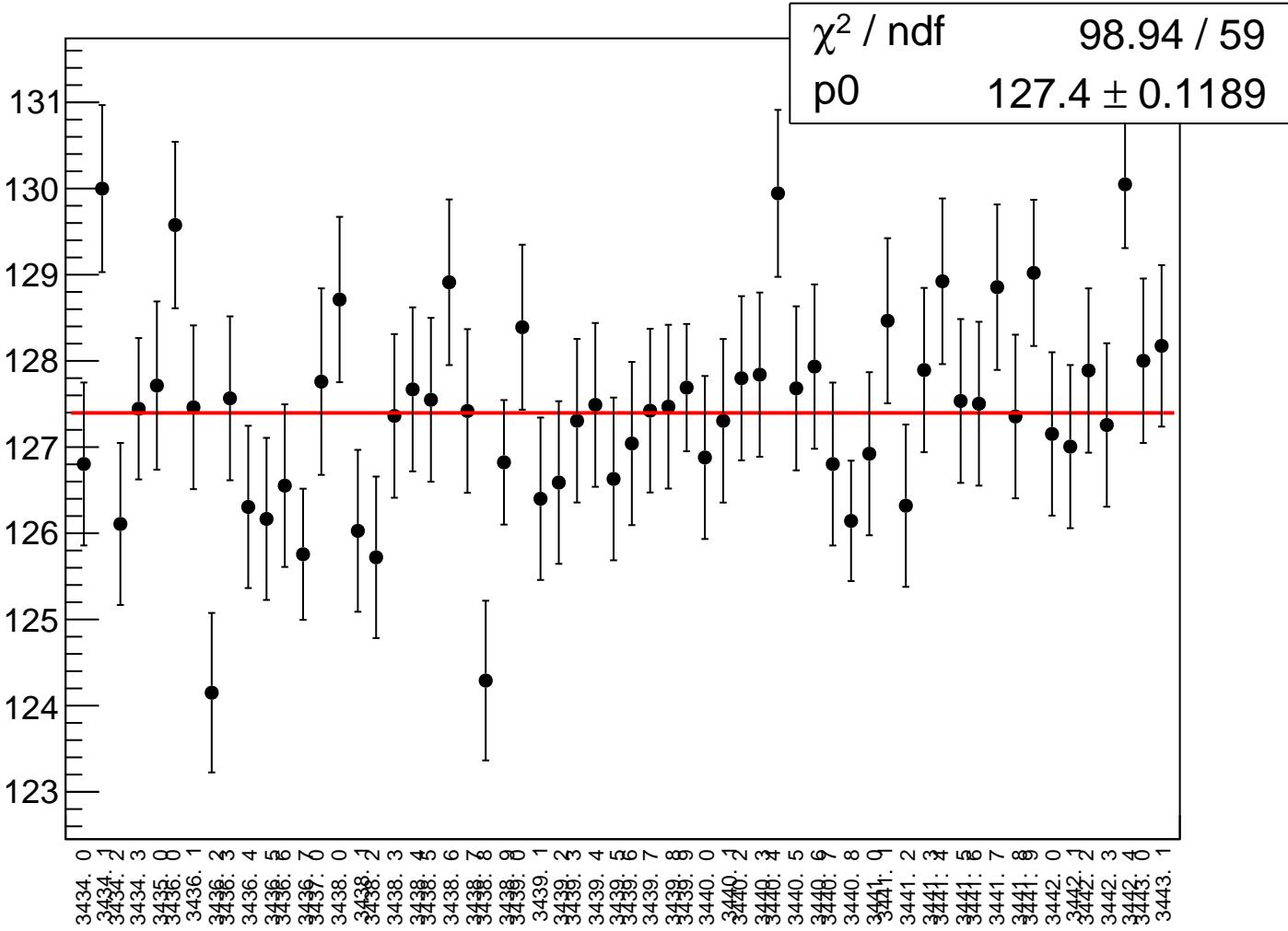
asym_us_dd_correction_rms vs run



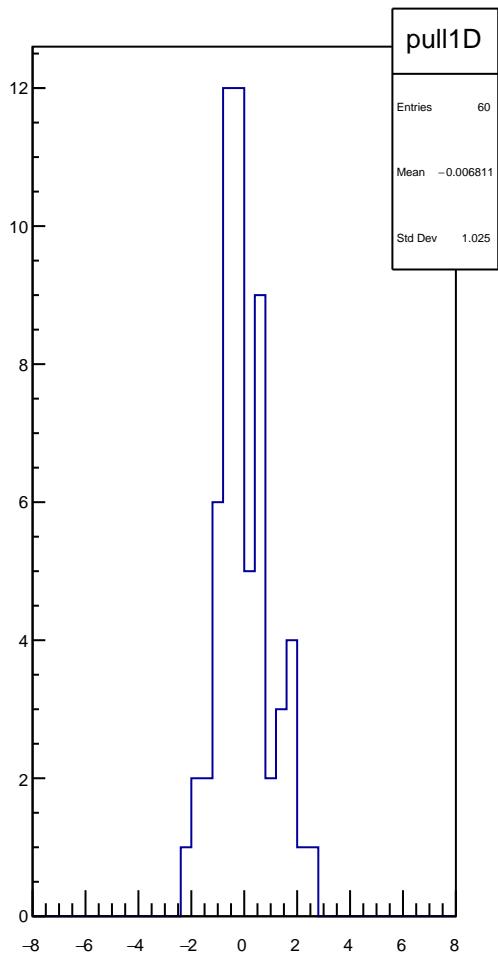
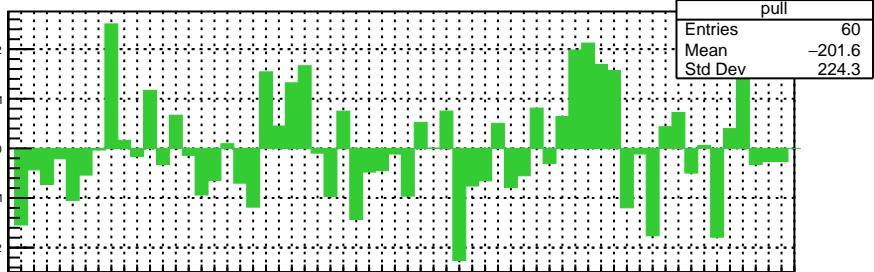
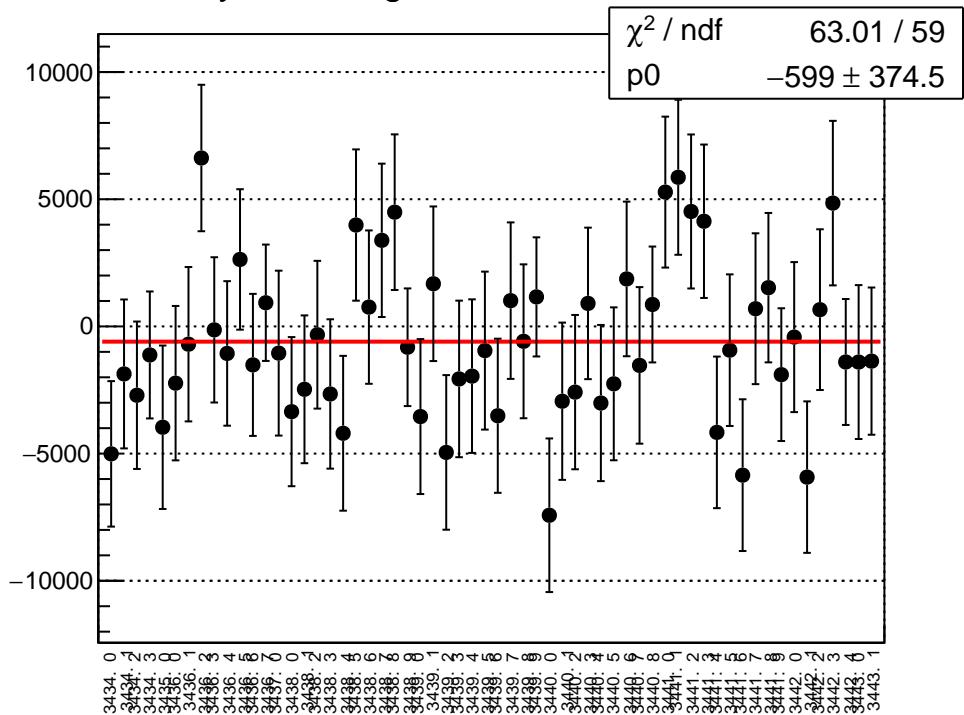
reg_asym_ds_avg_mean vs run



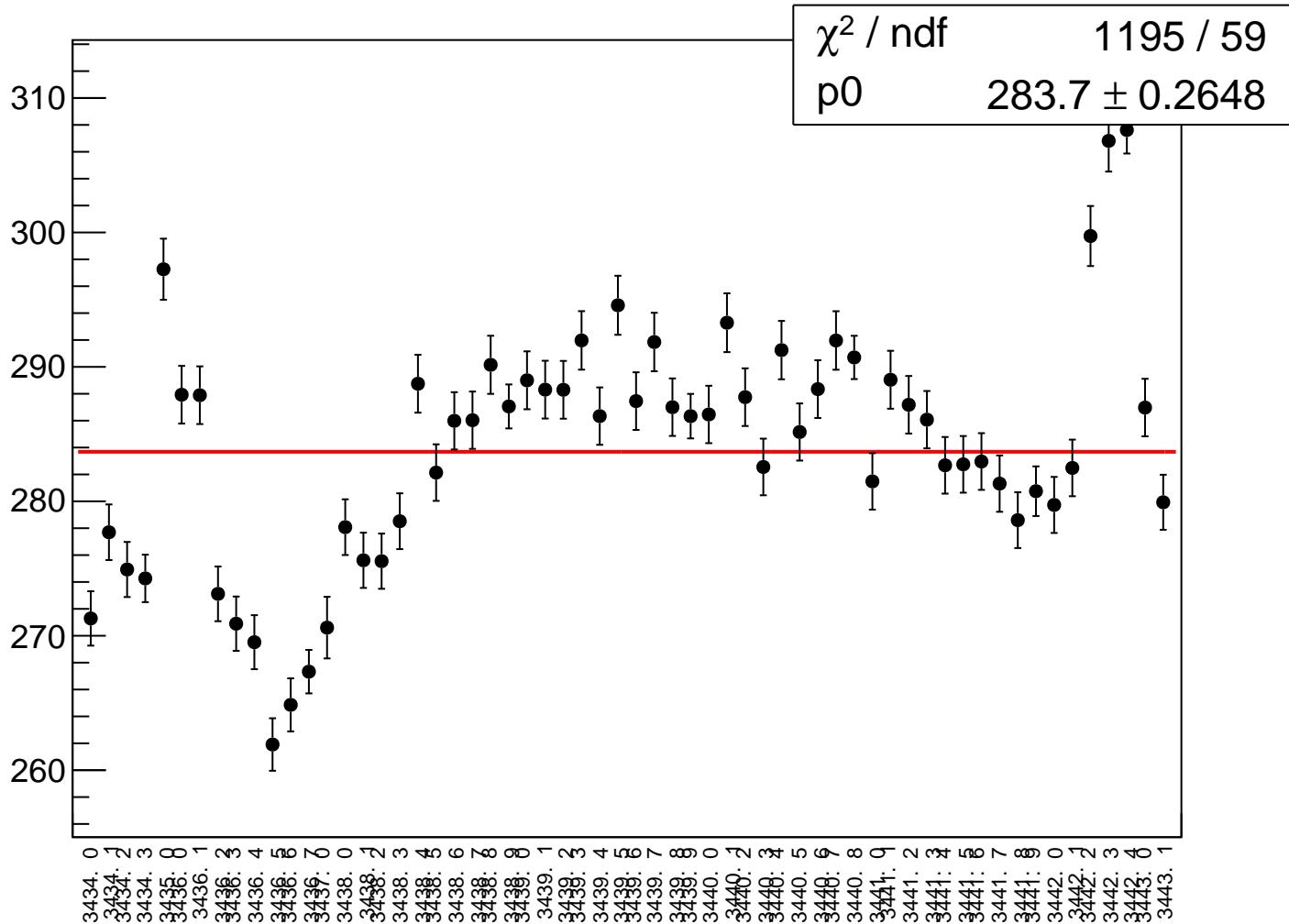
reg_asym_ds_avg_rms vs run



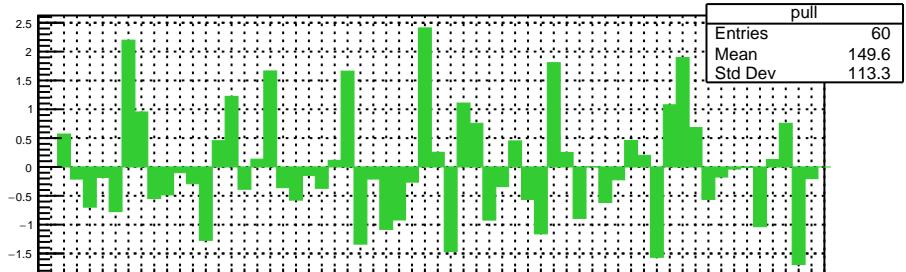
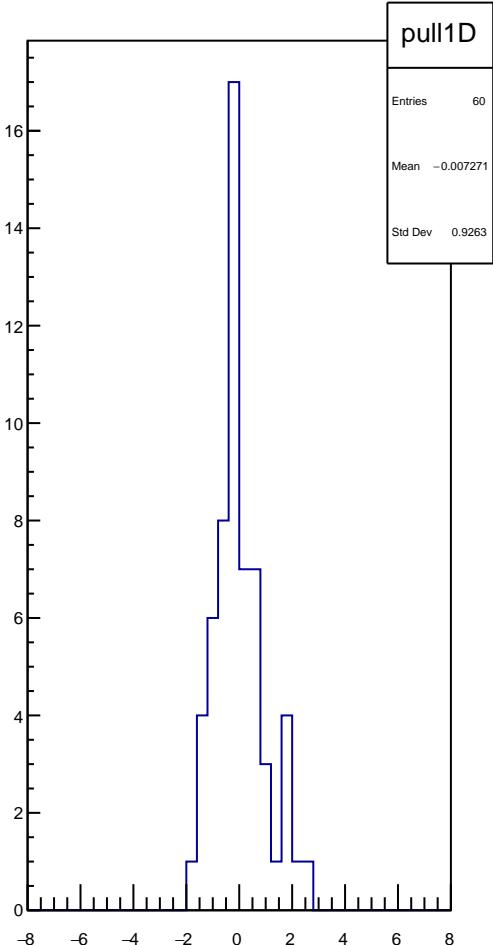
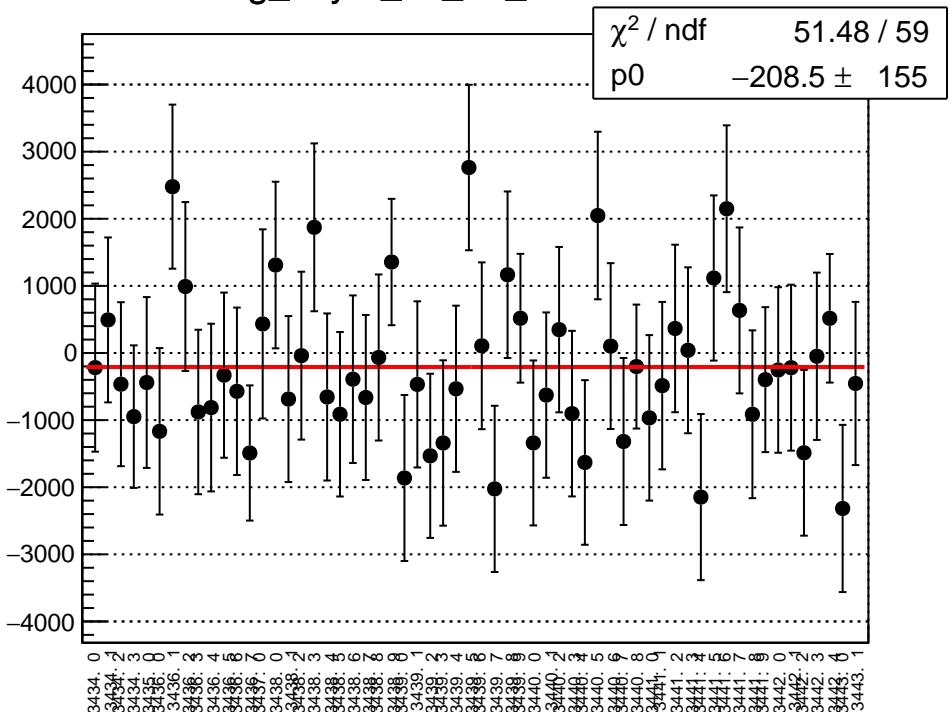
asym_ds_avg_correction_mean vs run



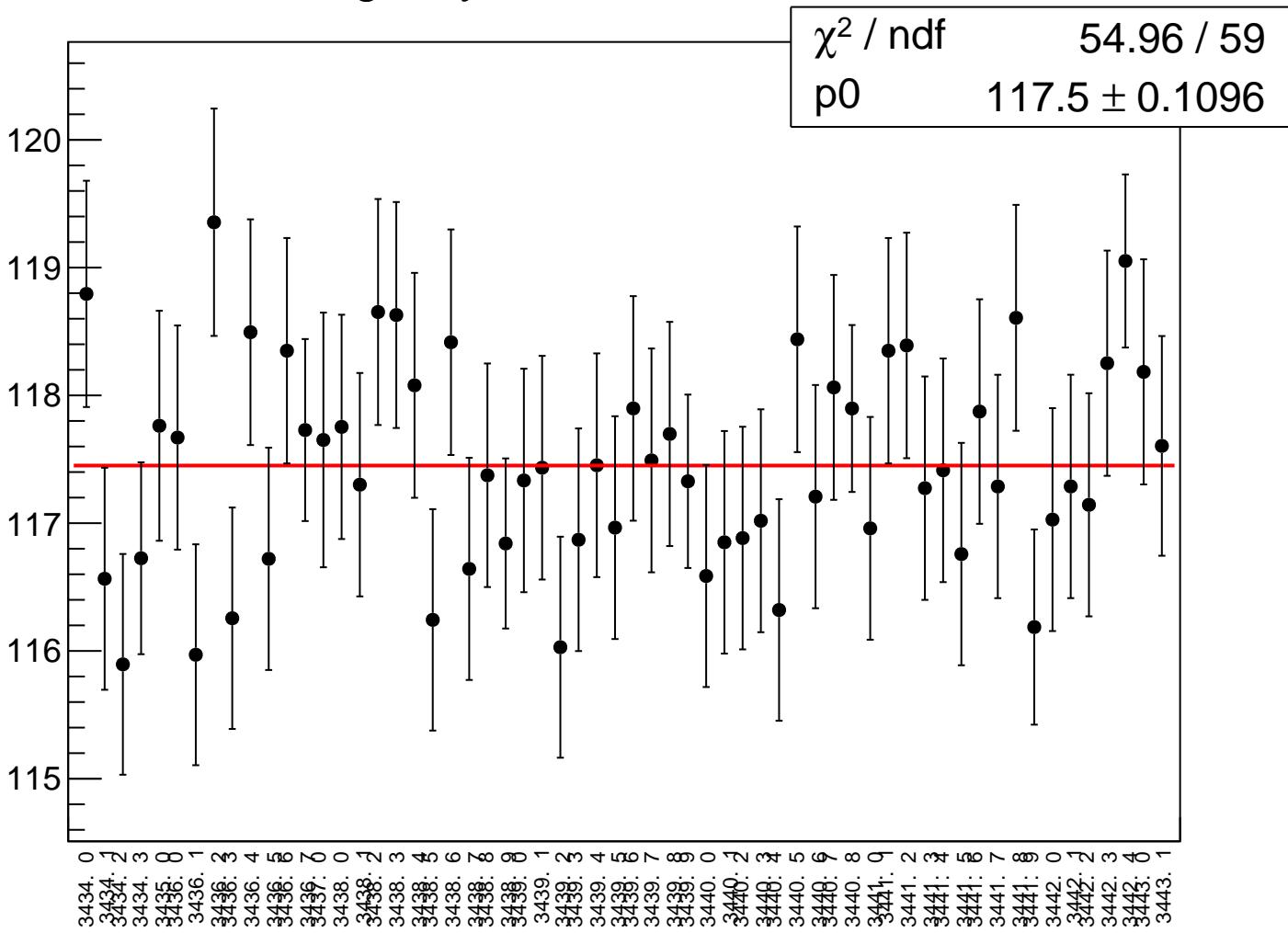
asym_ds_avg_correction_rms vs run



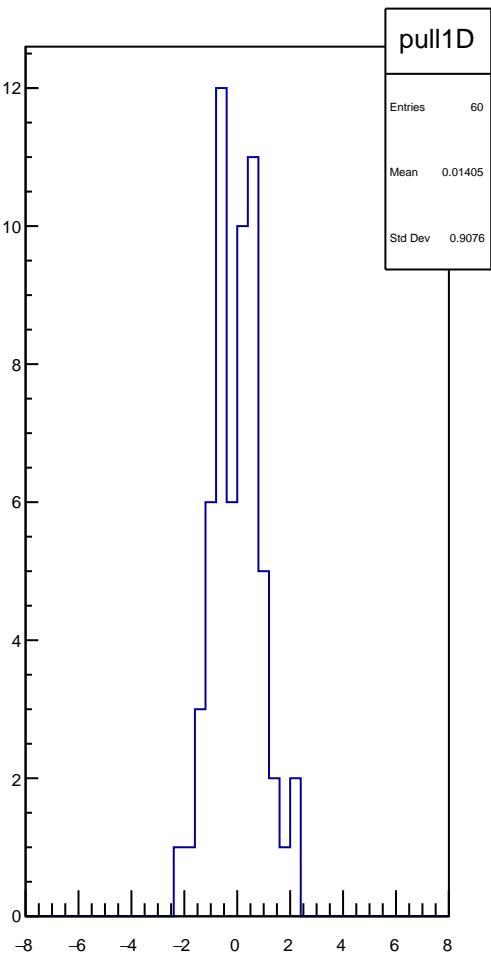
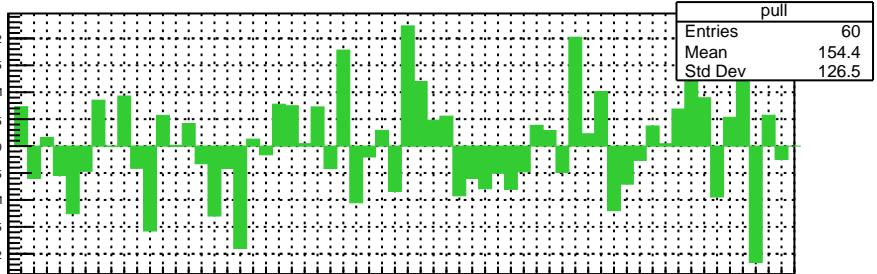
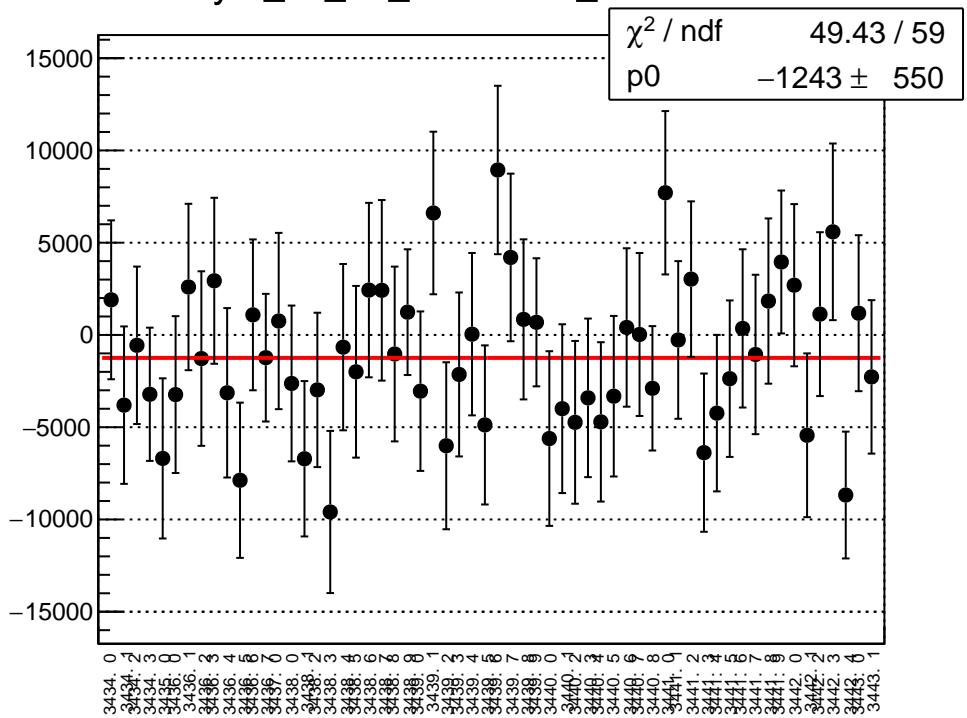
reg_asym_ds_dd_mean vs run



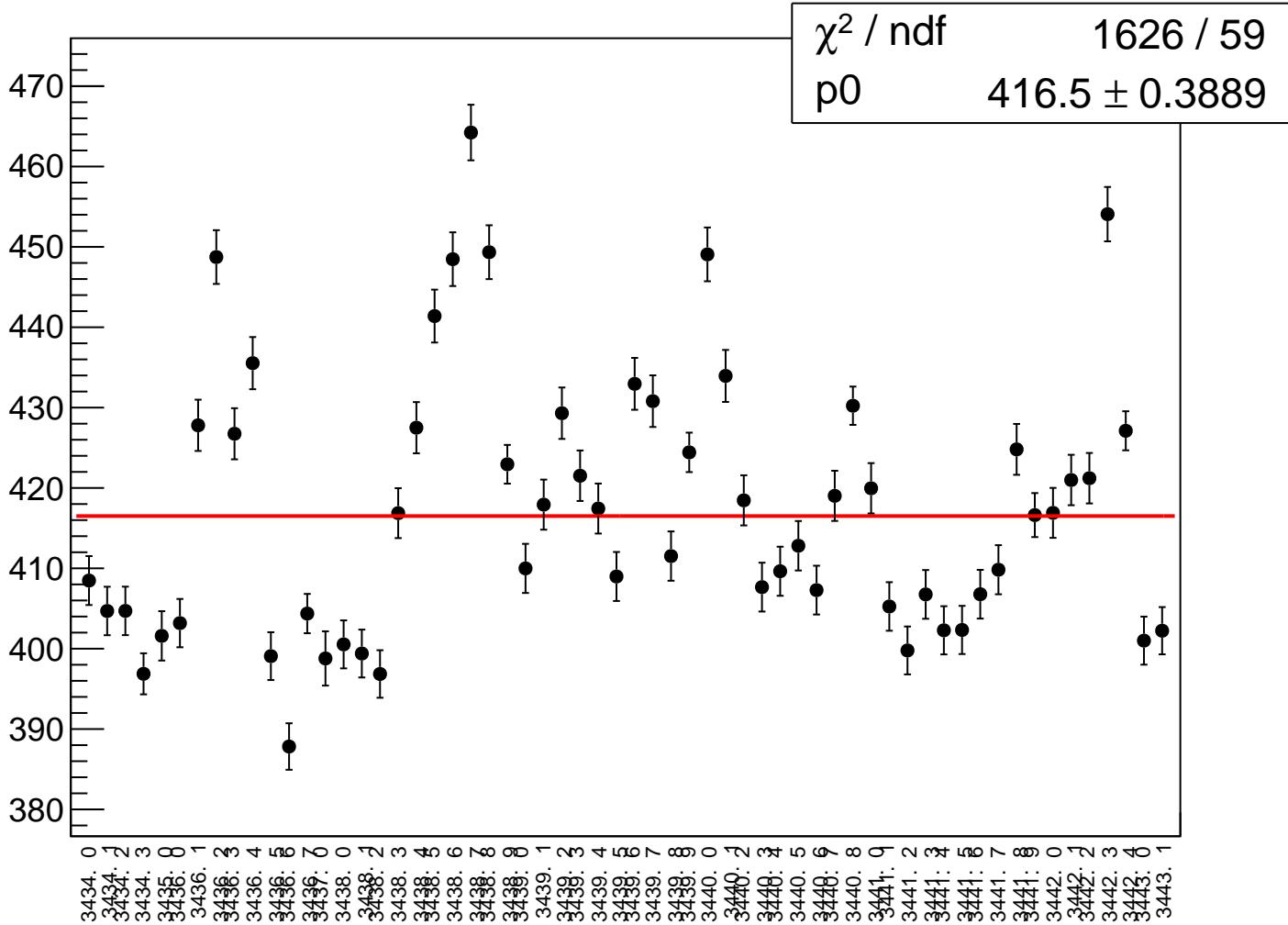
reg_asym_ds_dd_rms vs run



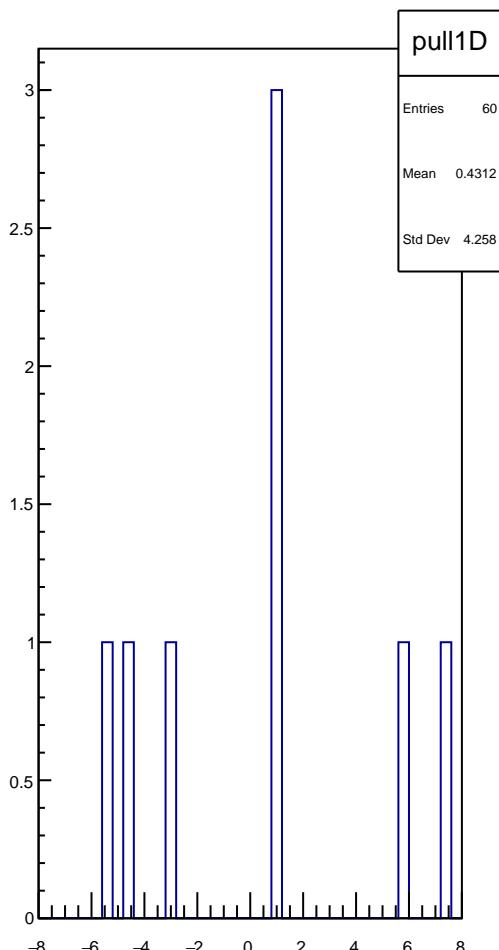
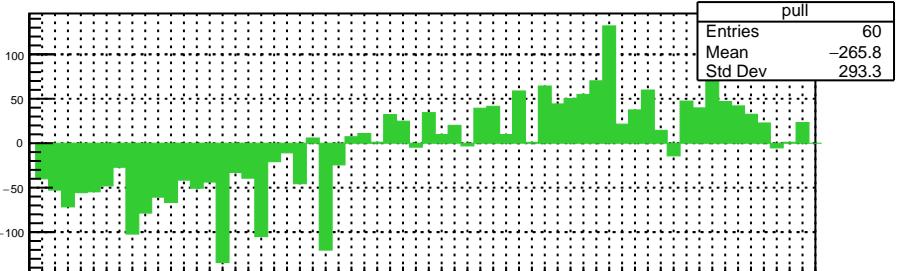
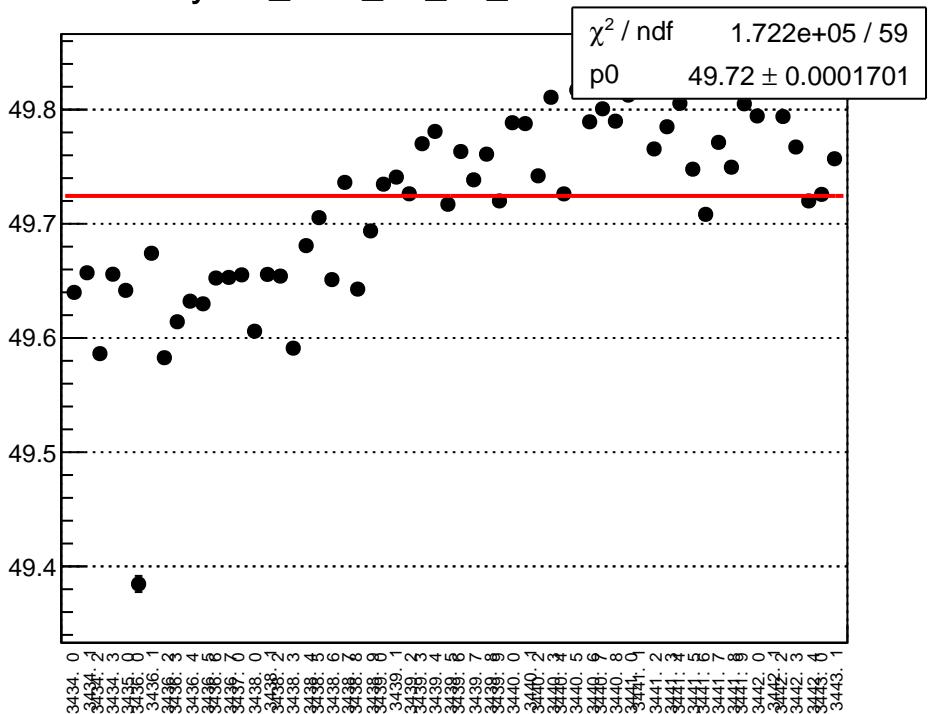
asym_ds_dd_correction_mean vs run



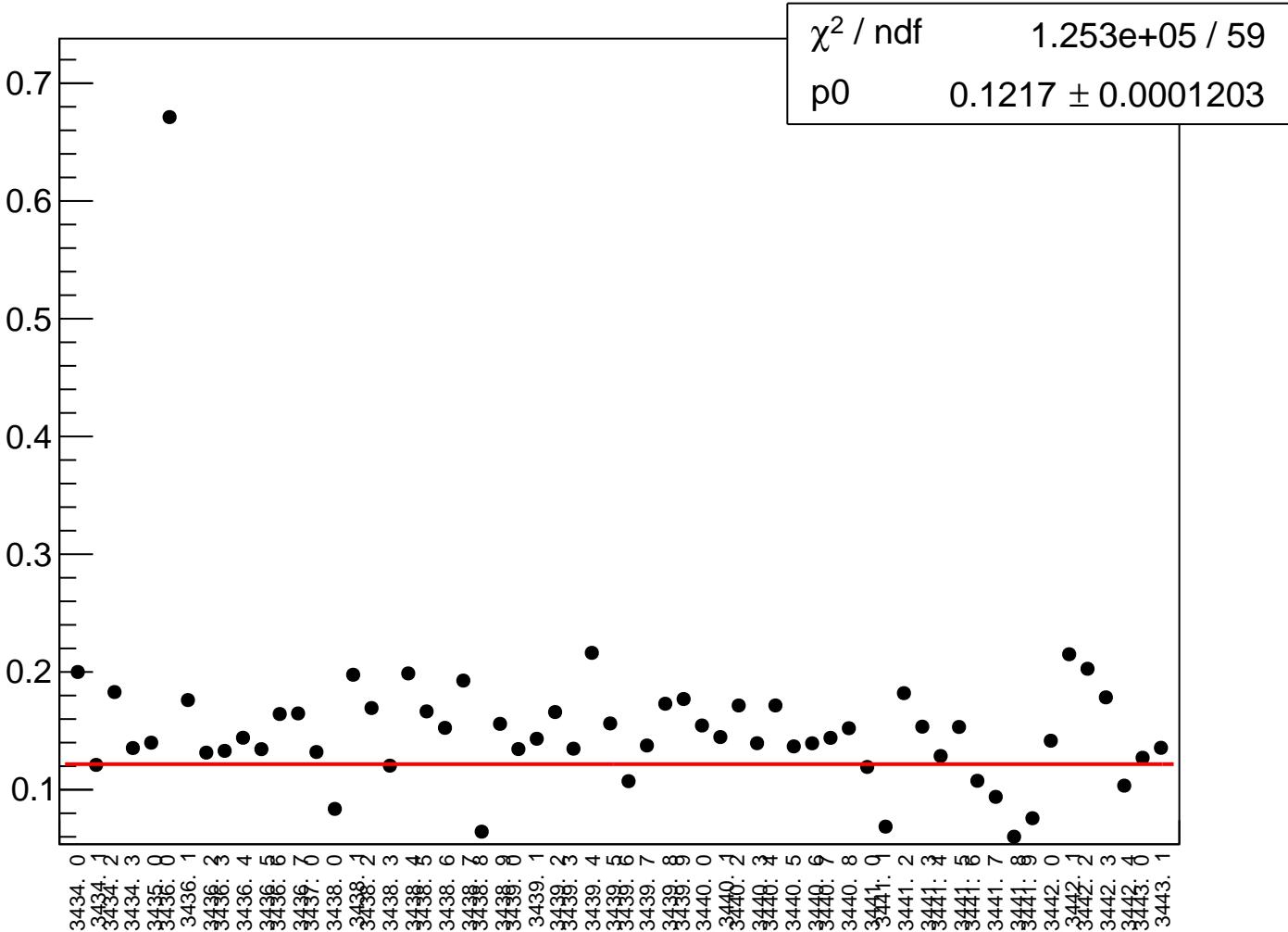
asym_ds_dd_correction_rms vs run



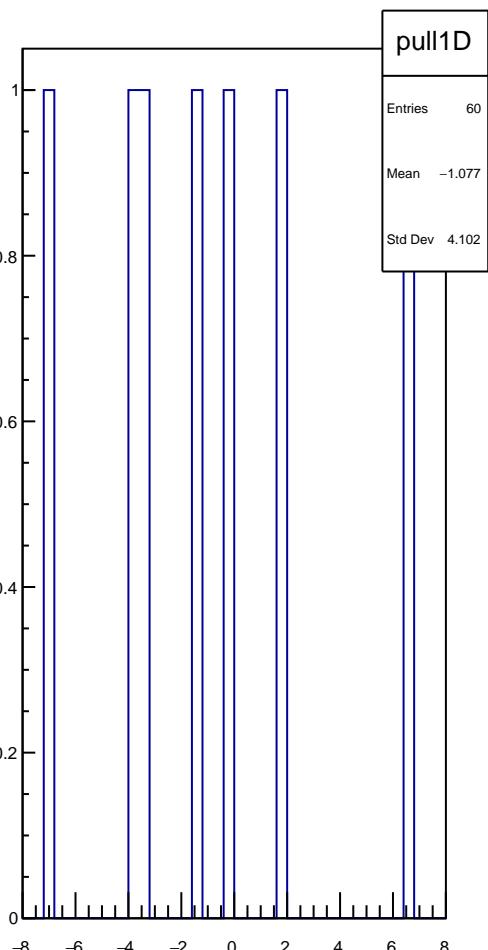
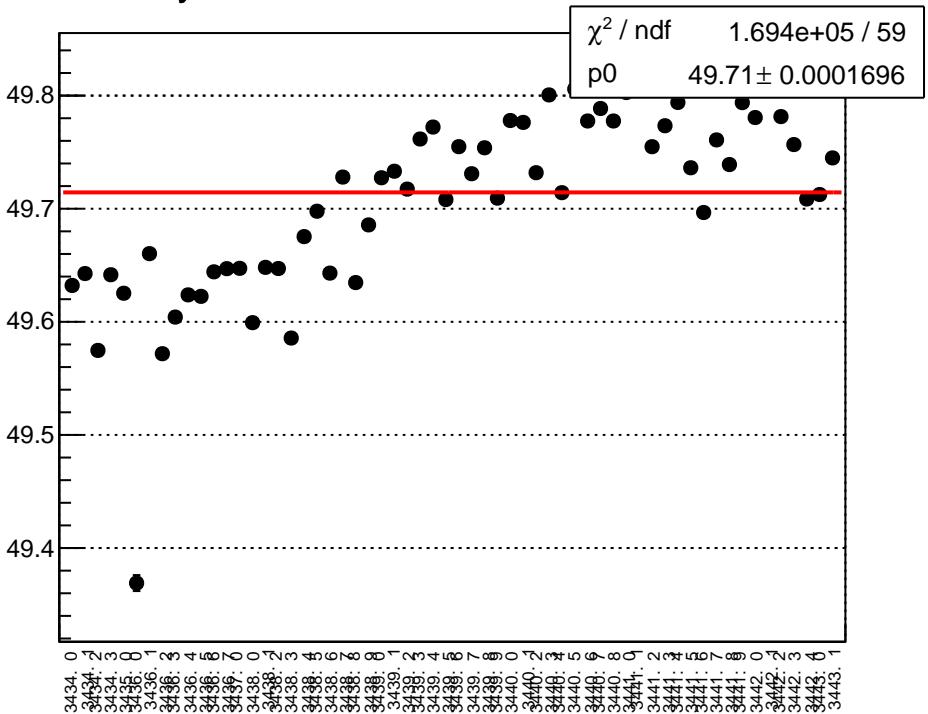
yield_bcm_an_ds_mean vs run



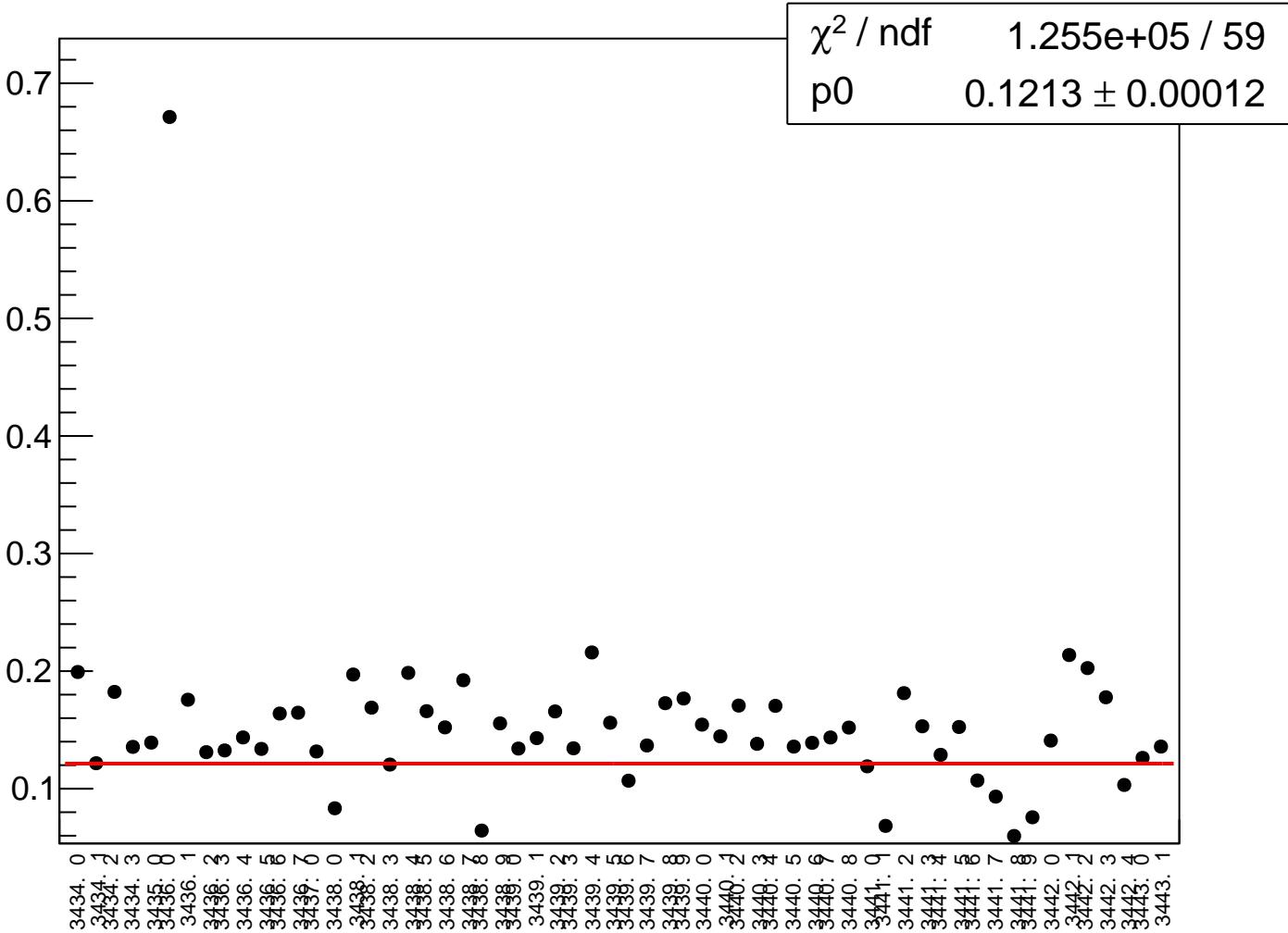
yield_bcm_an_ds_rms vs run



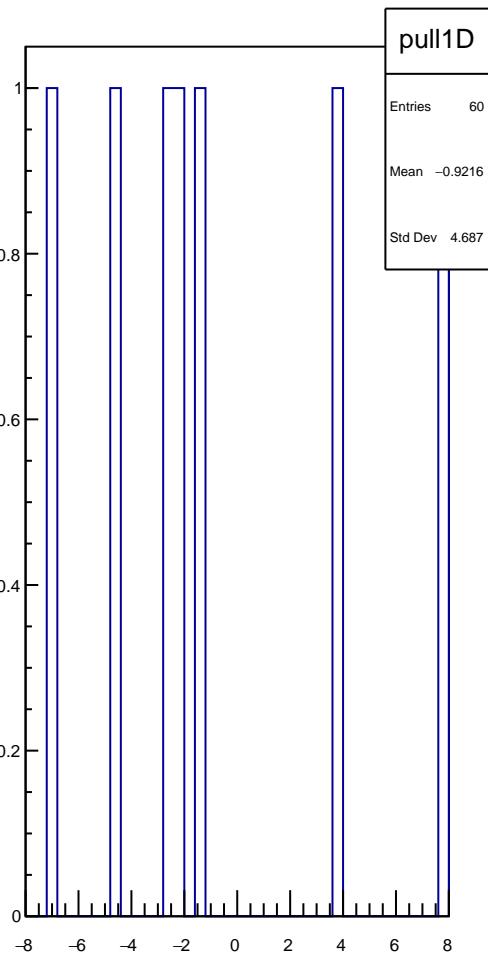
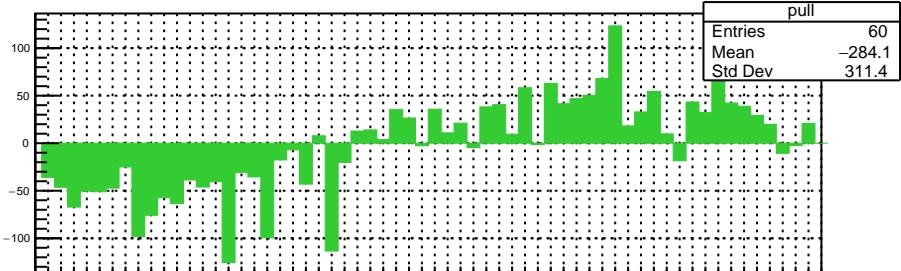
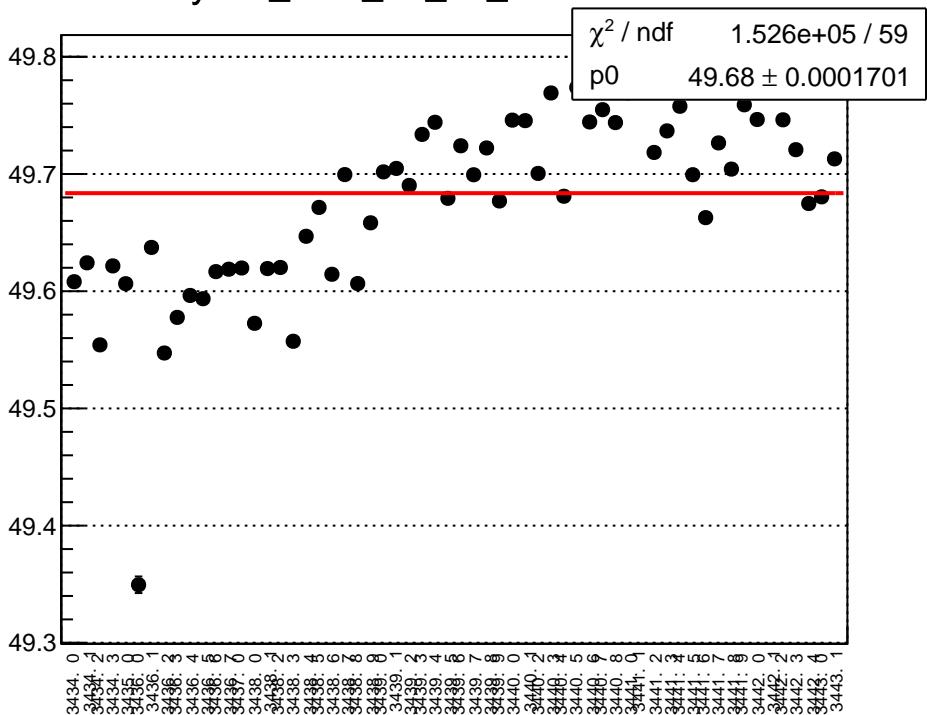
yield_bcm_an_ds3_mean vs run



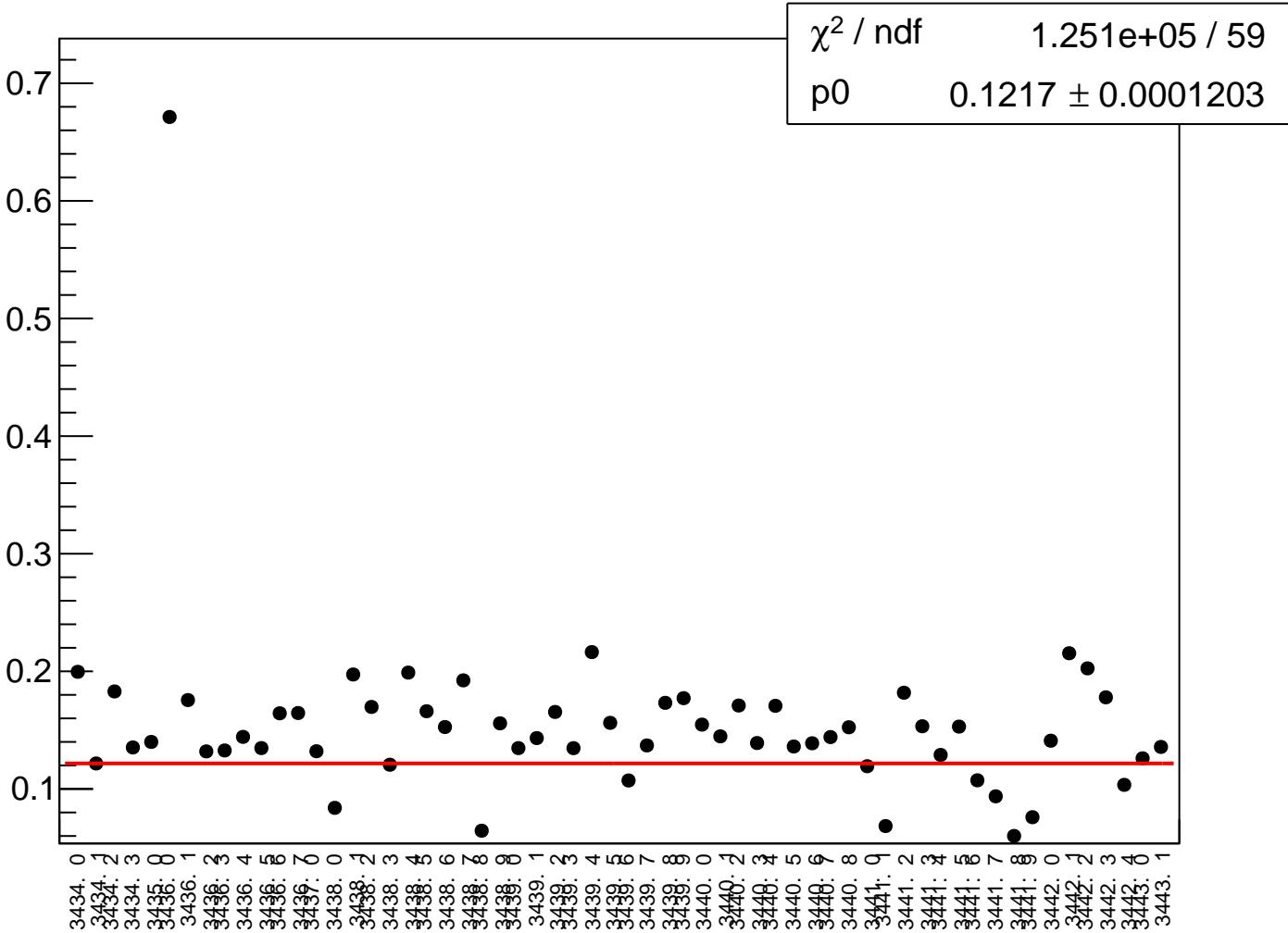
yield_bcm_an_ds3_rms vs run



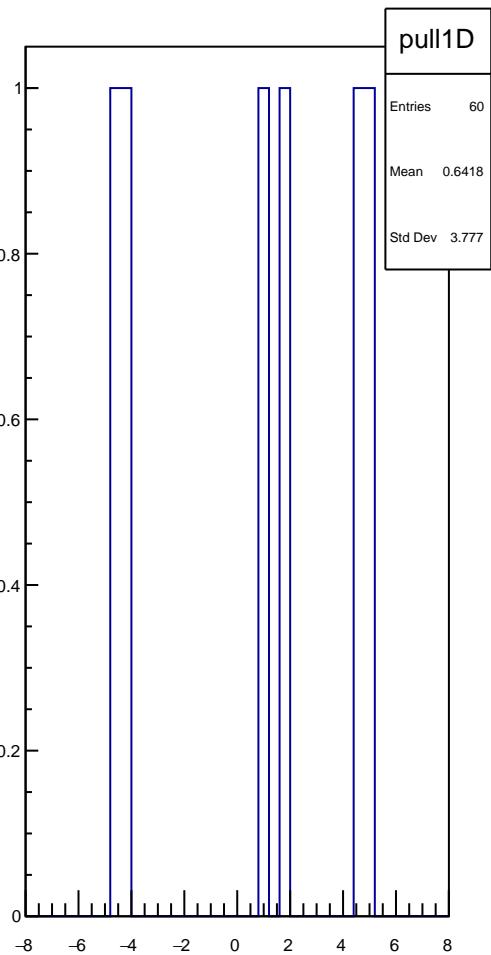
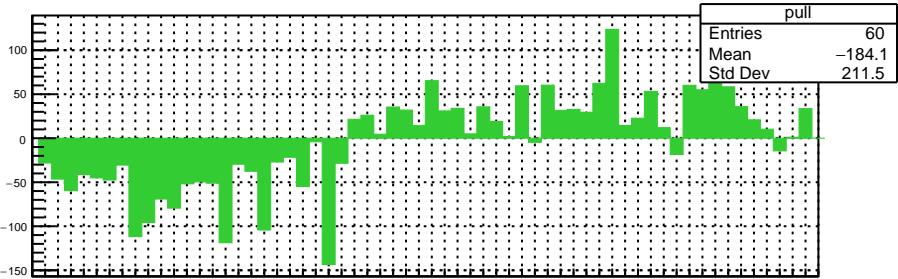
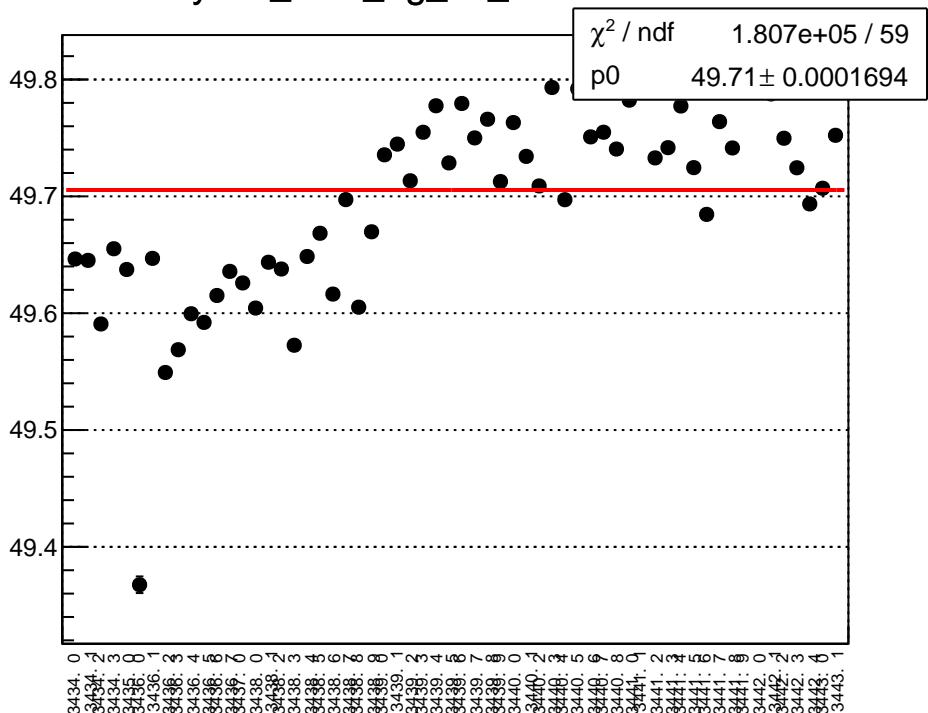
yield_bcm_an_us_mean vs run



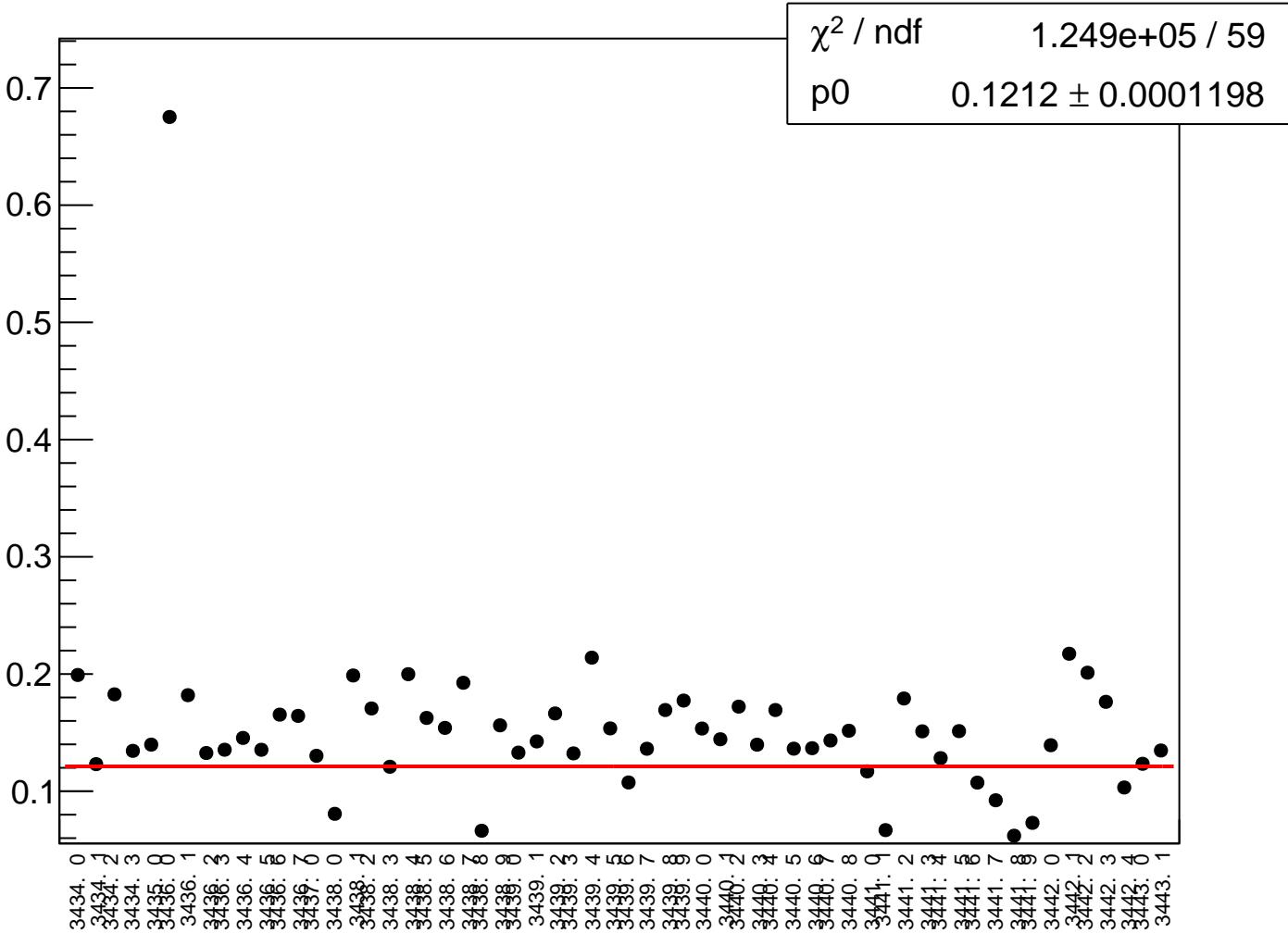
yield_bcm_an_us_rms vs run



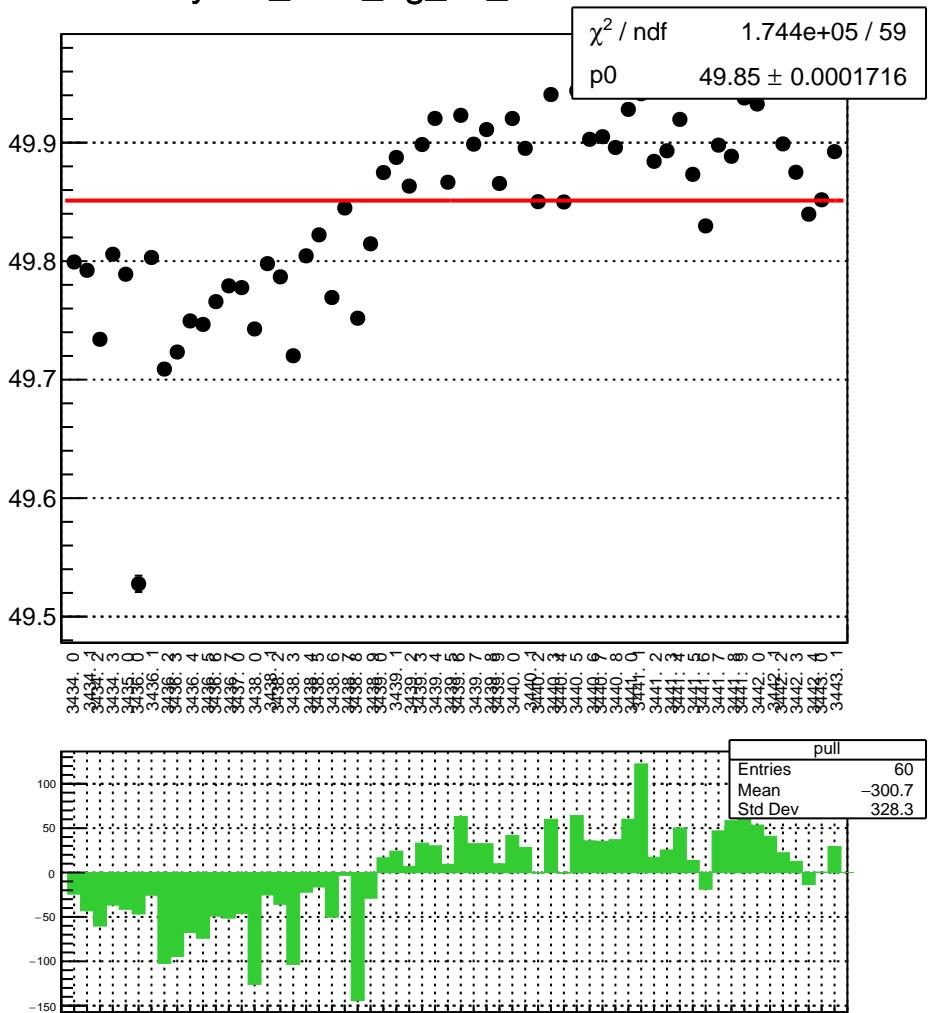
yield_bcm_dg_us_mean vs run



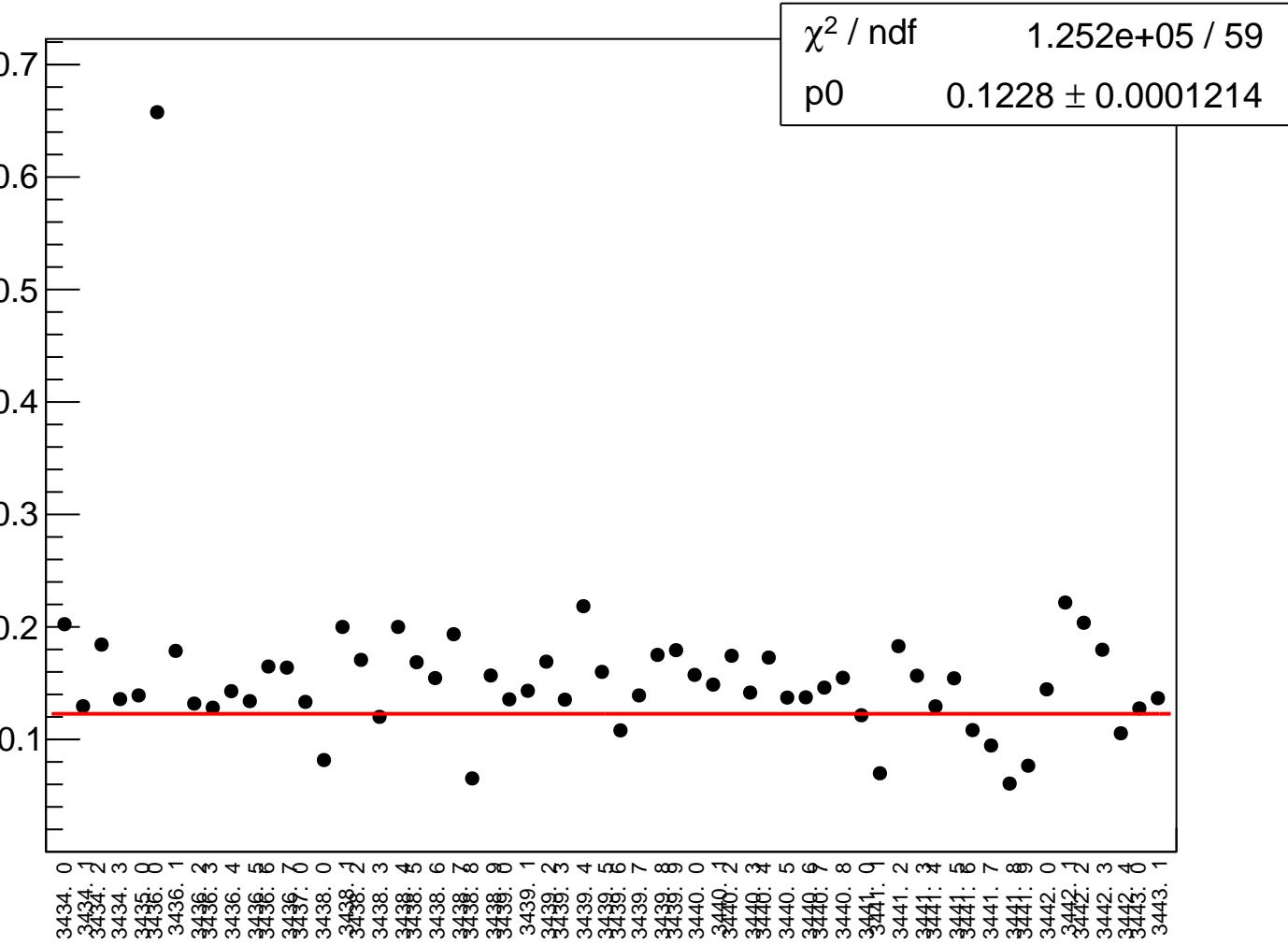
yield_bcm_dg_us_rms vs run

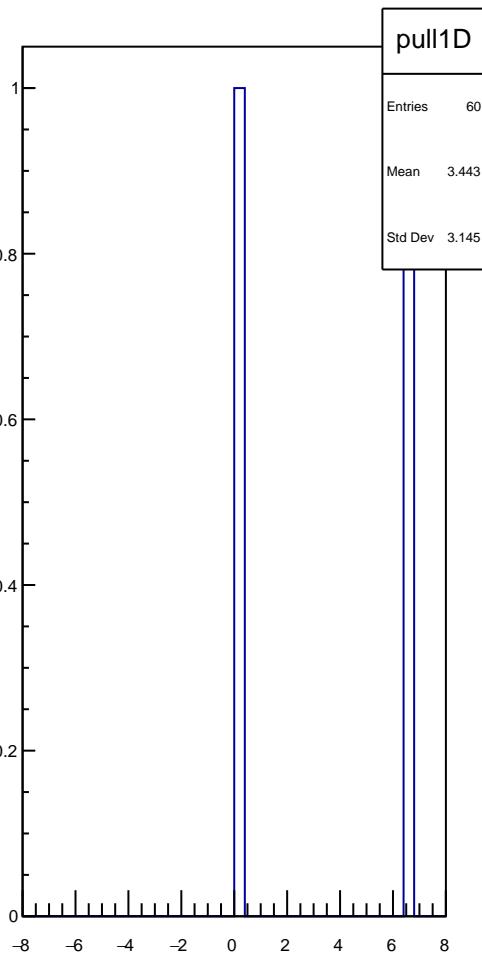
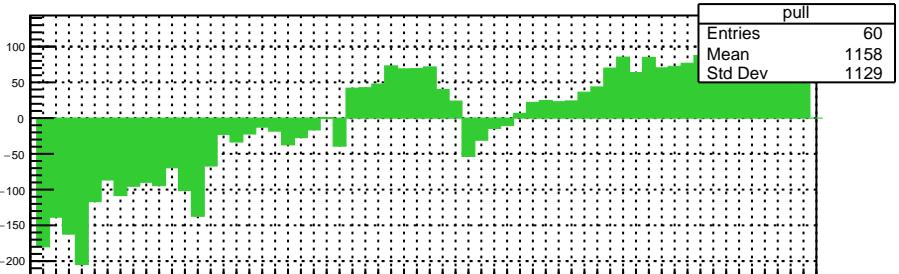
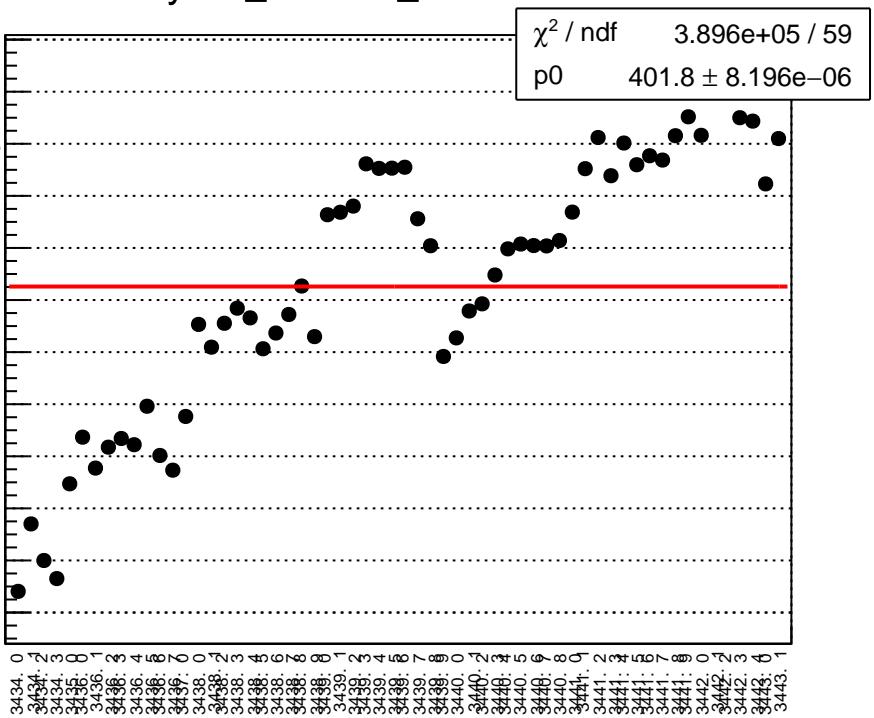


yield_bcm_dg_ds_mean vs run

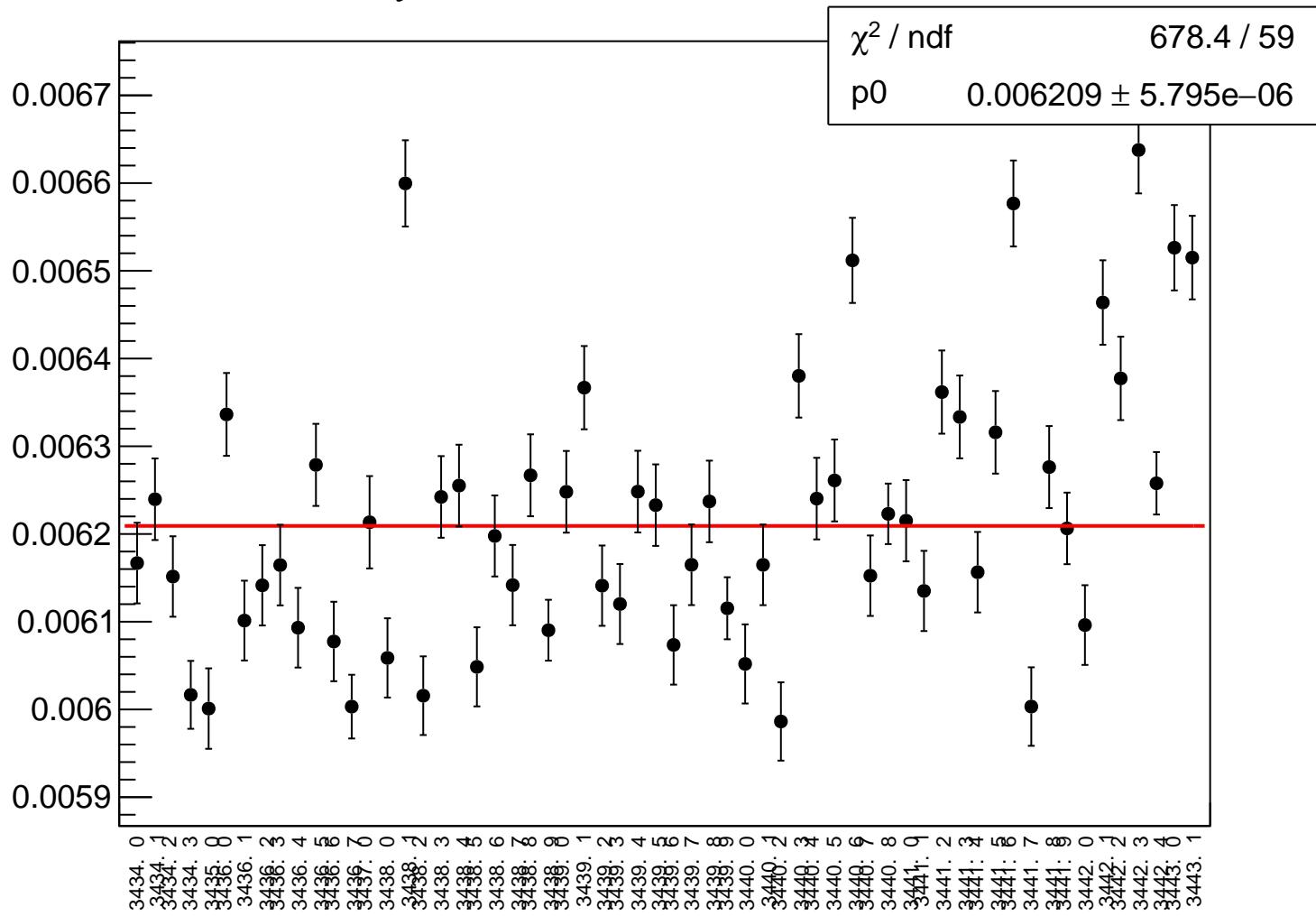


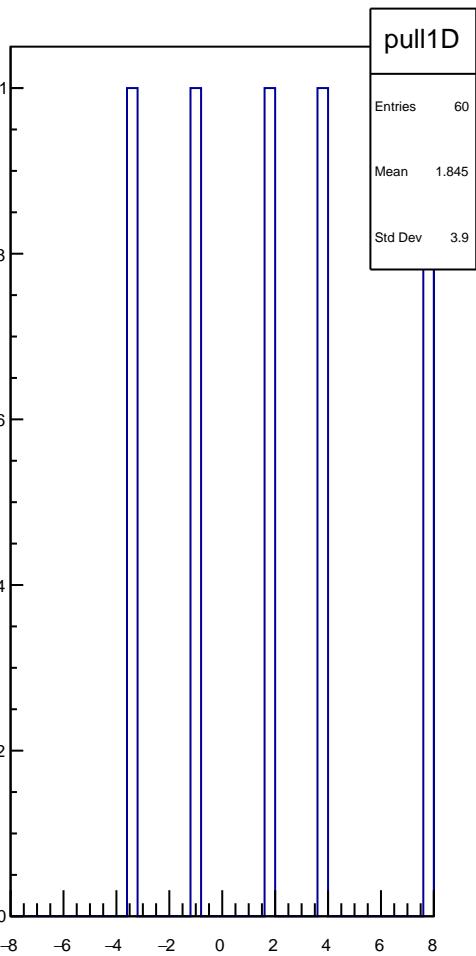
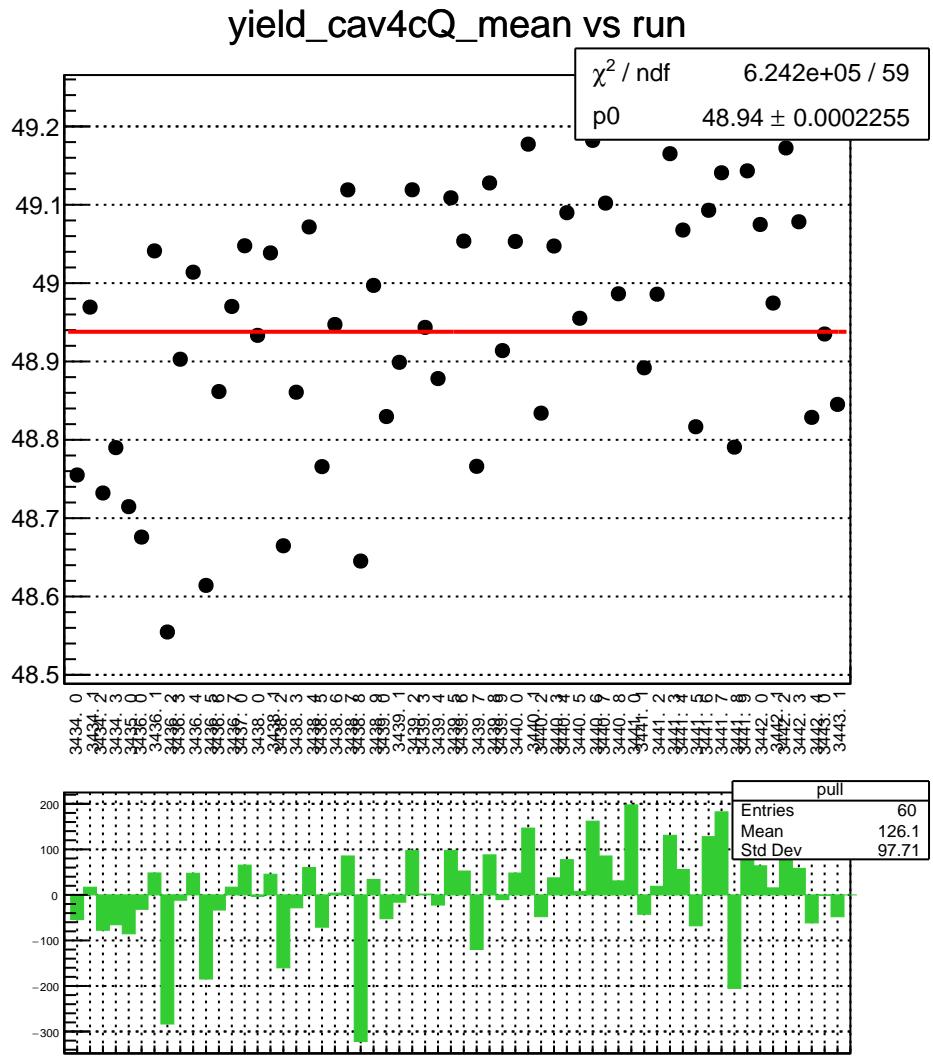
yield_bcm_dg_ds_rms vs run



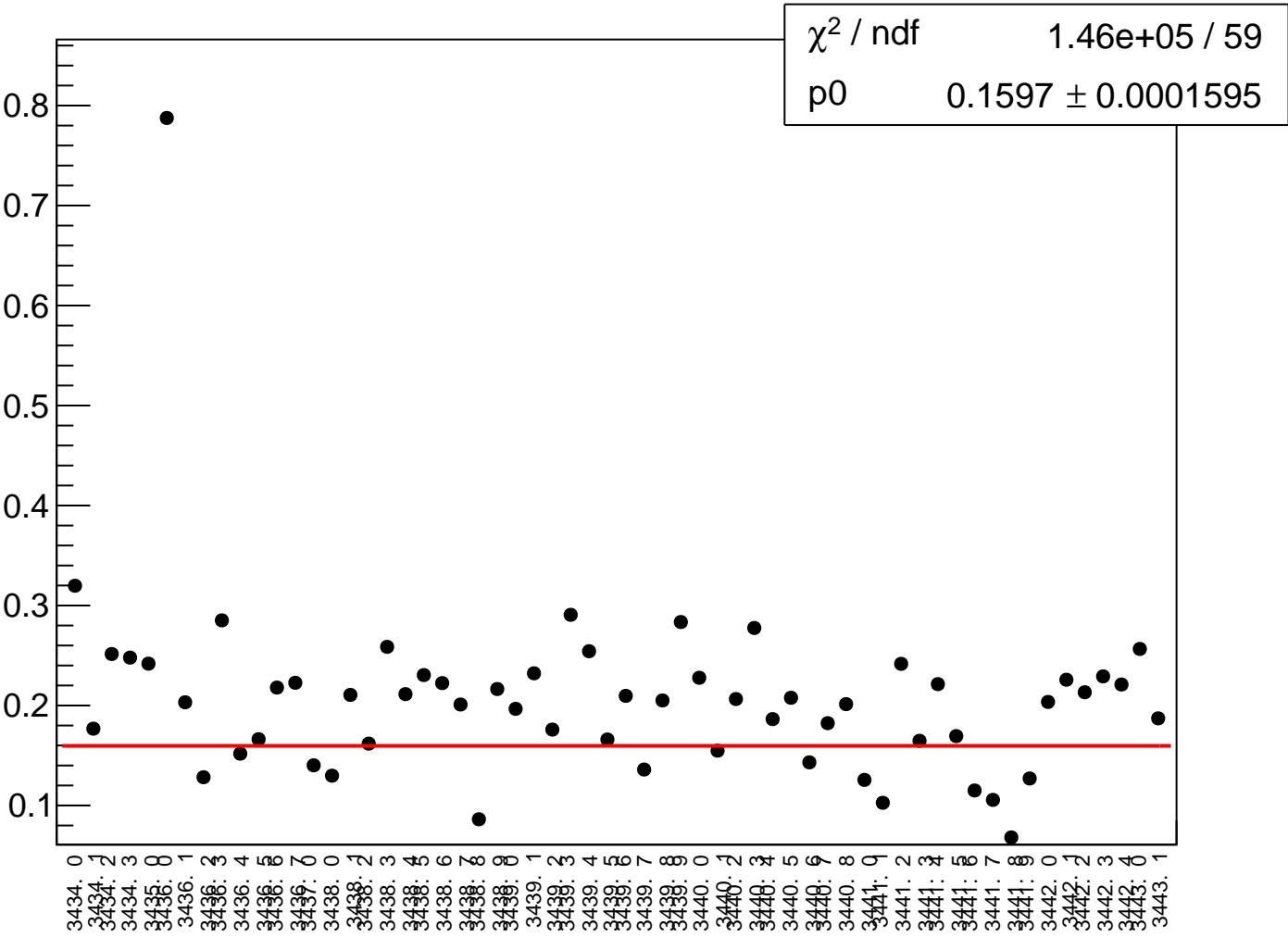


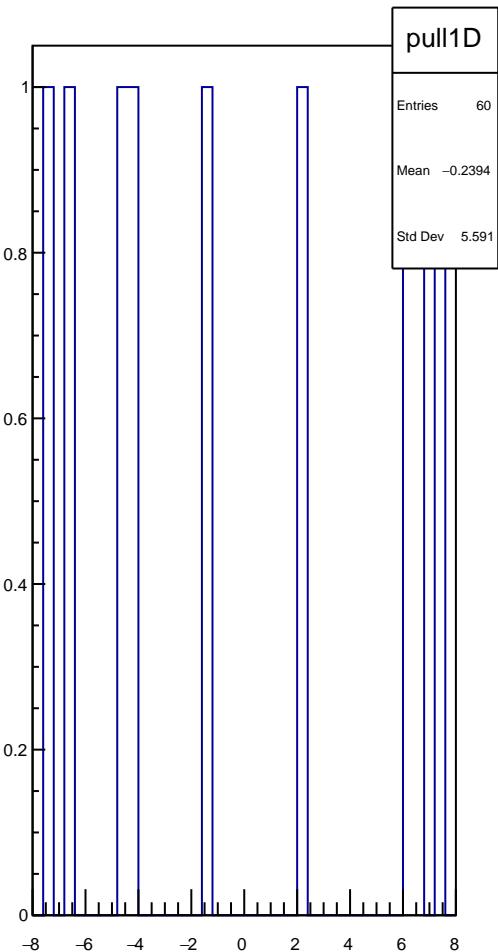
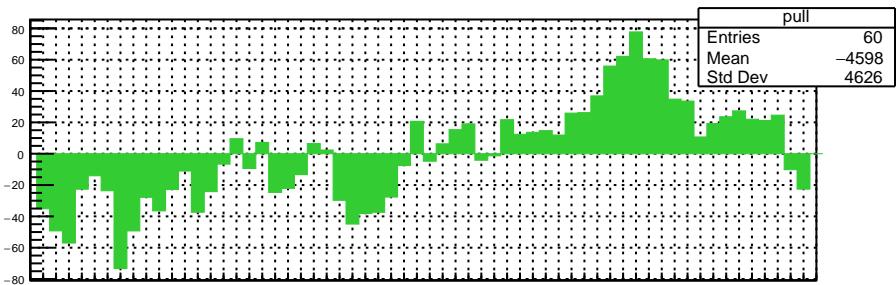
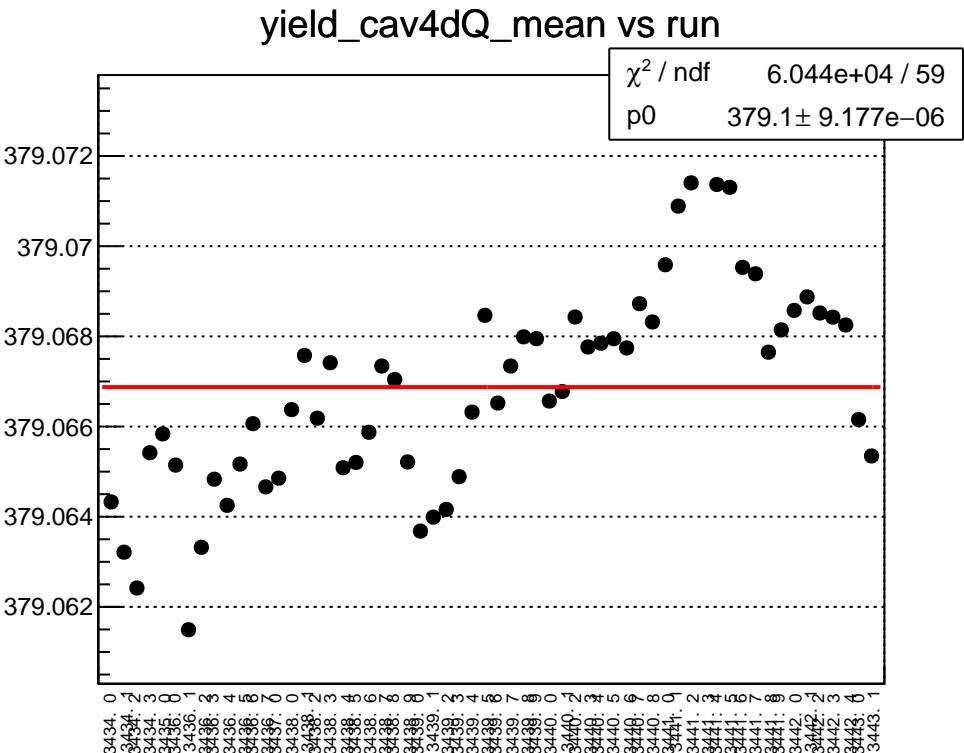
yield_cav4bQ_rms vs run

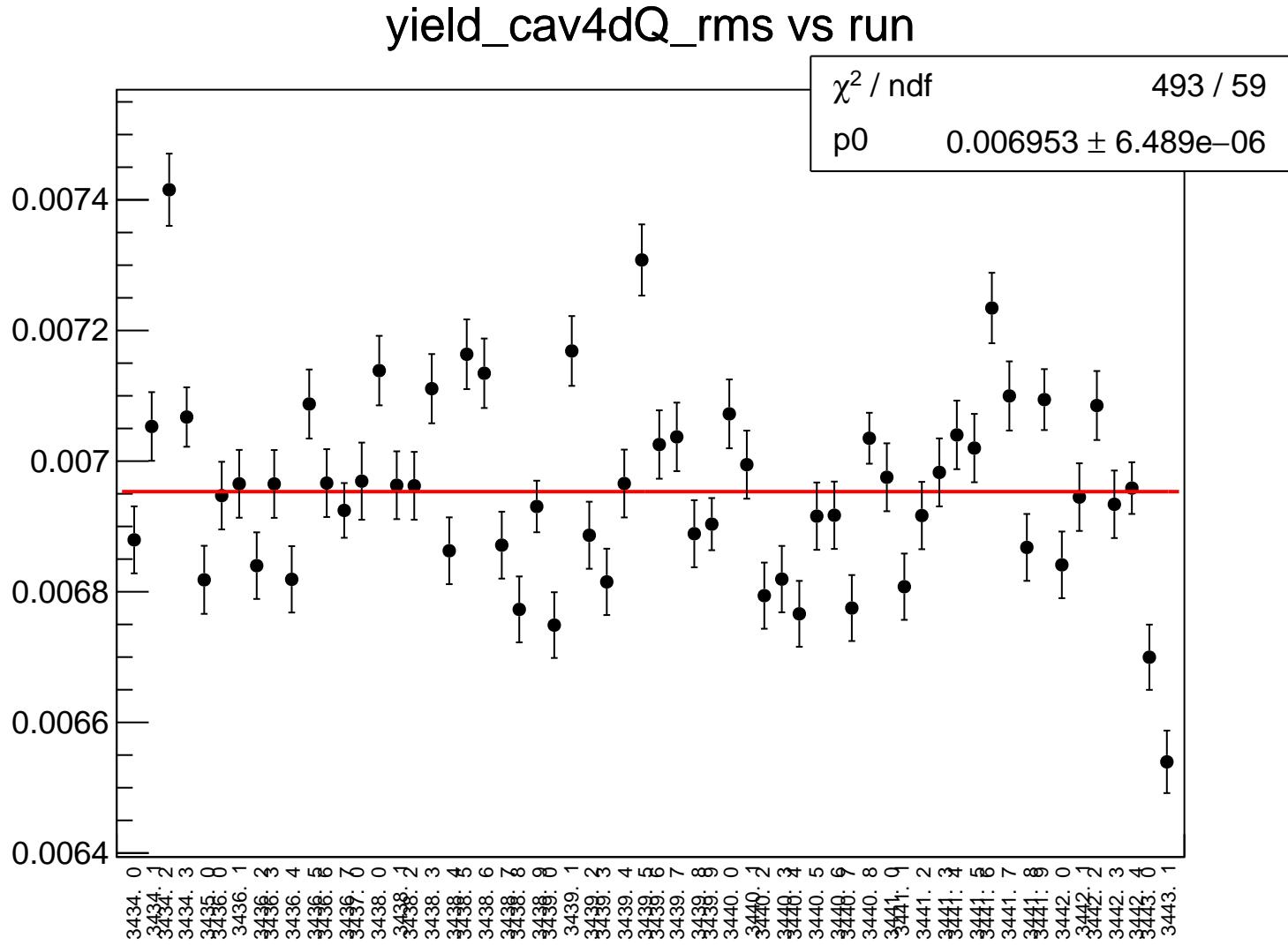


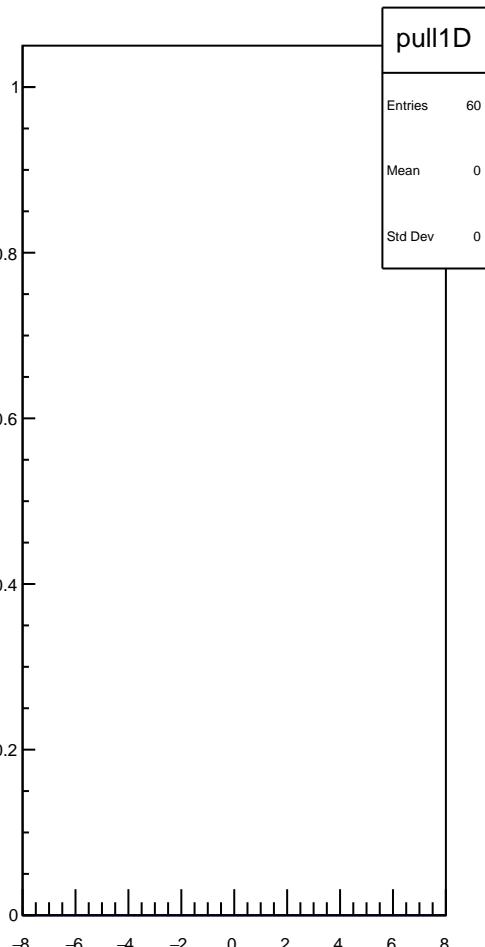
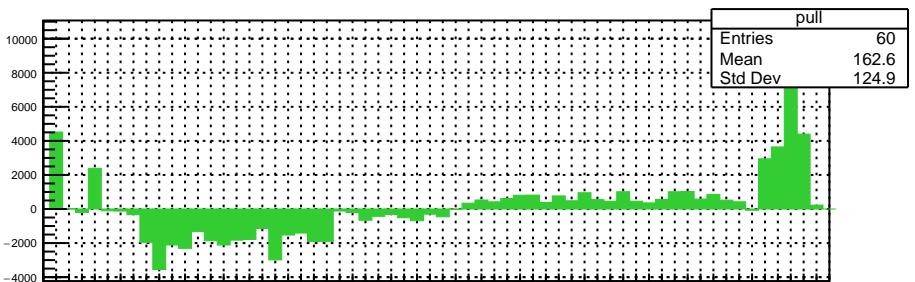
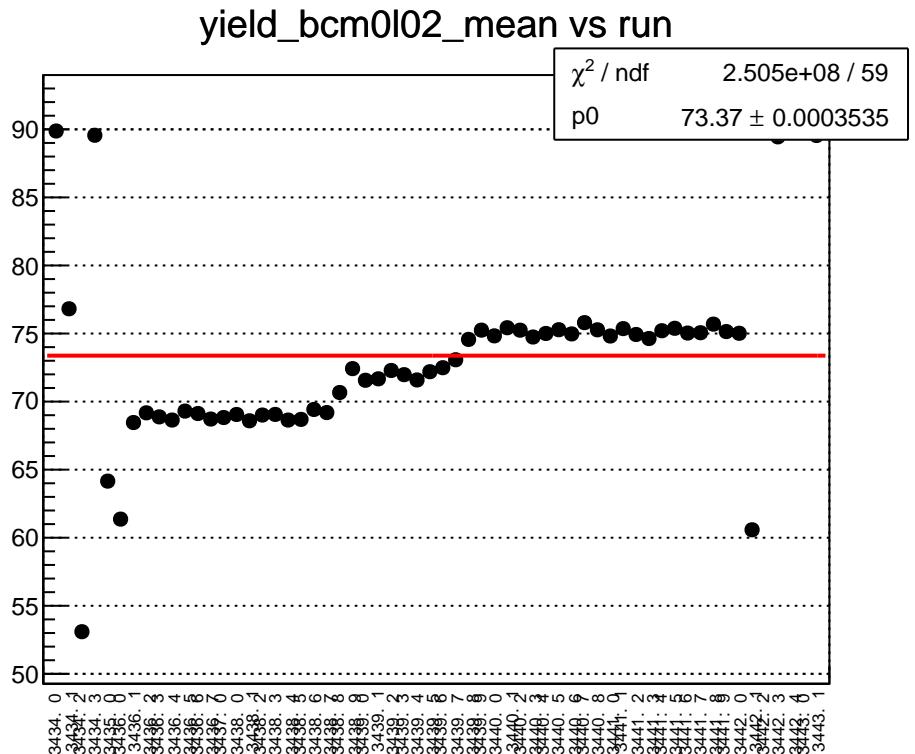


yield_cav4cQ_rms vs run

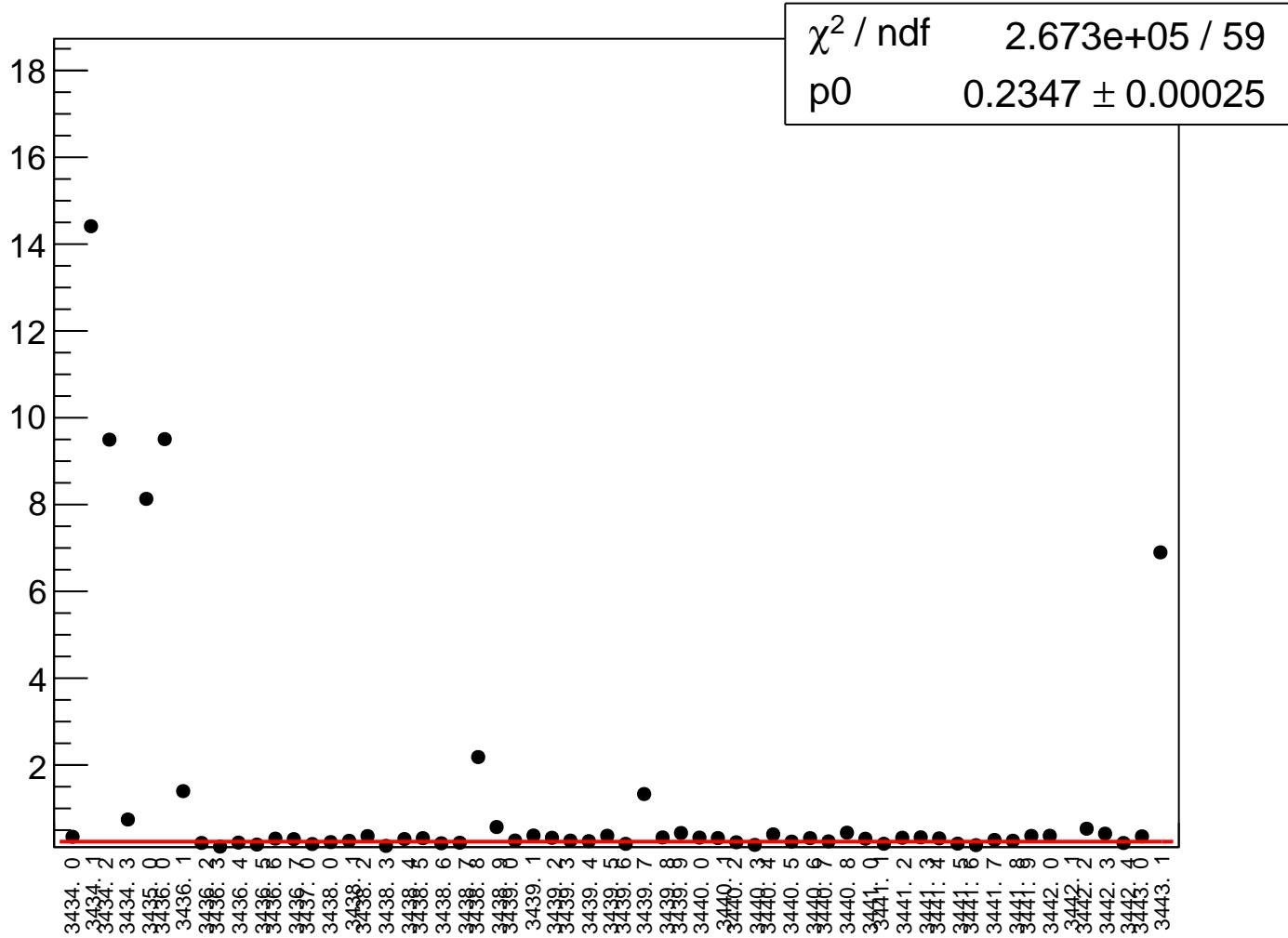


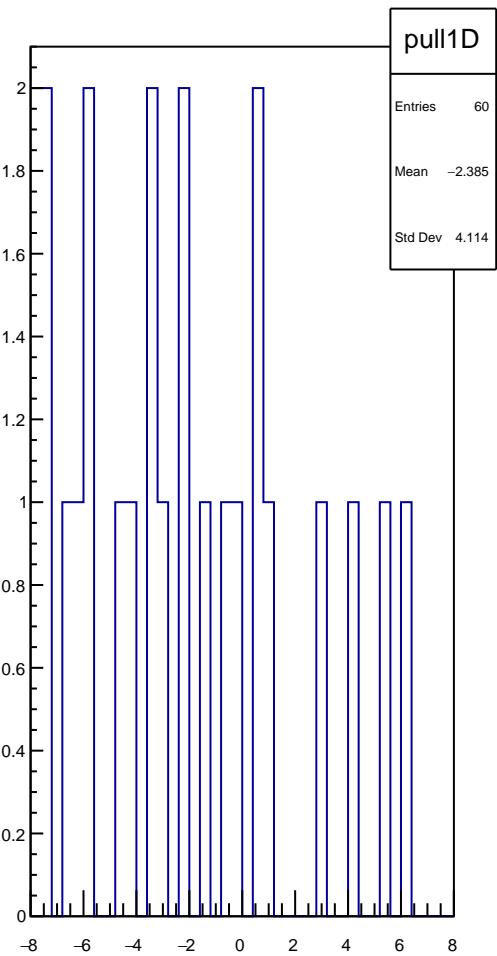
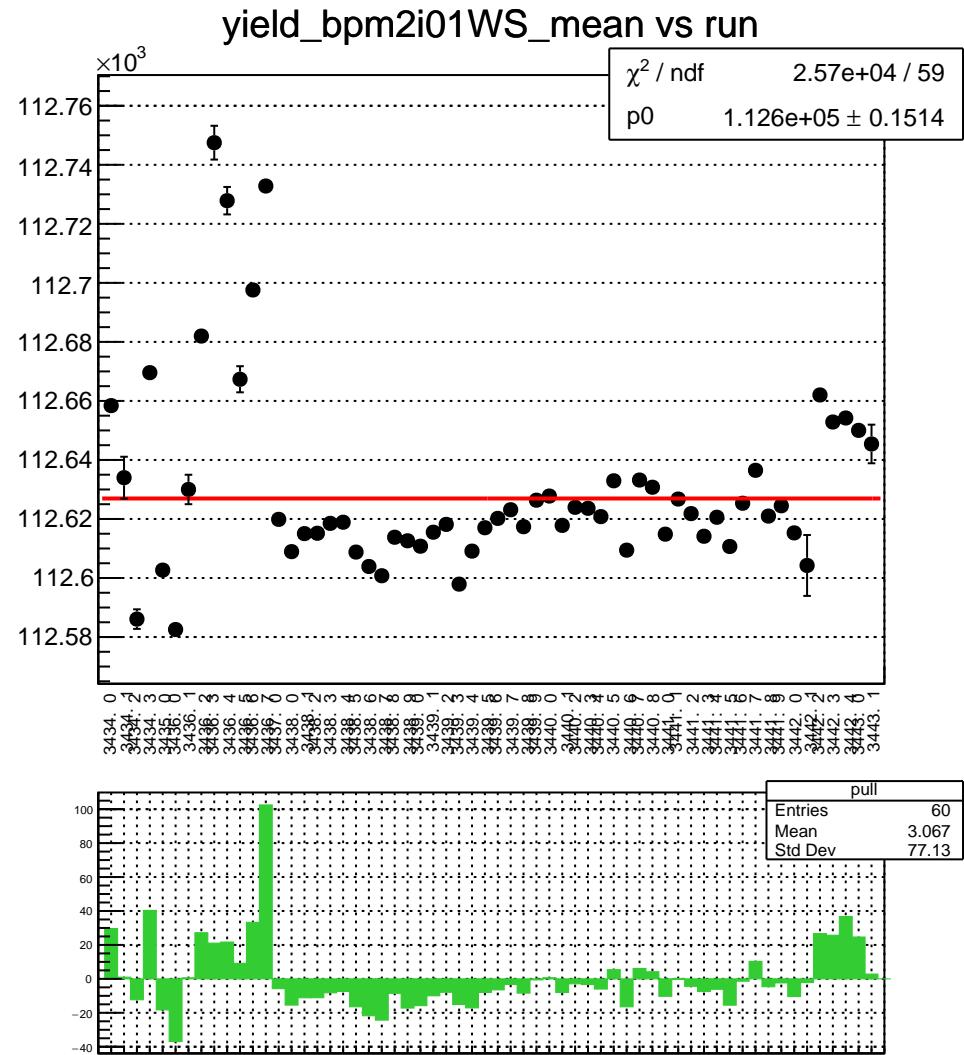




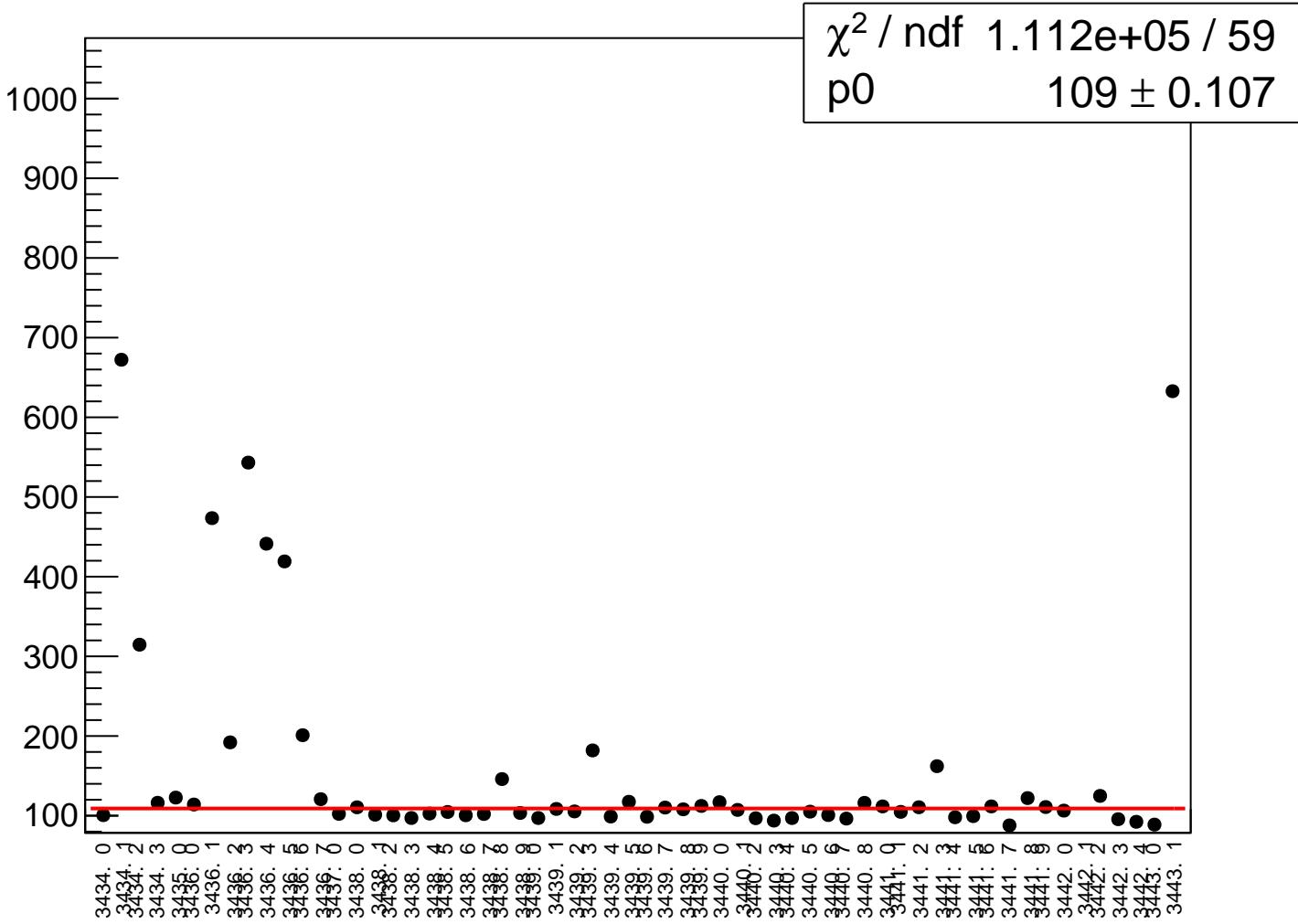


yield_bcm0l02_rms vs run

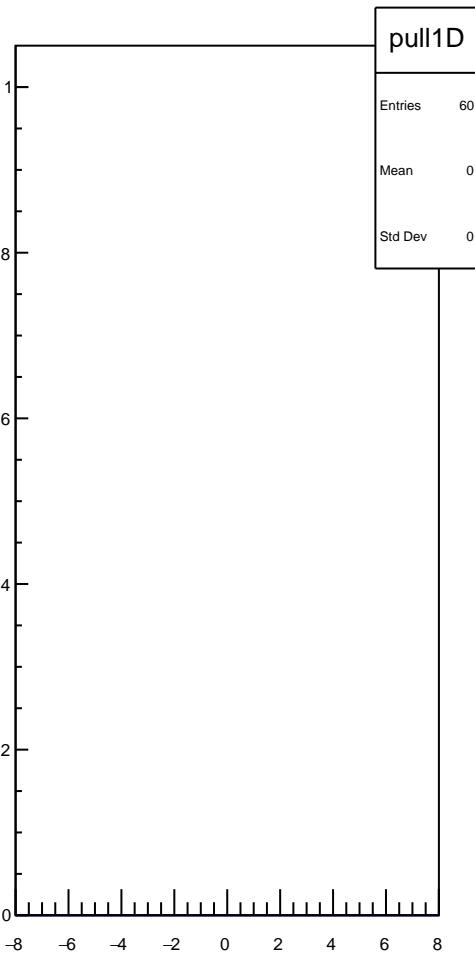
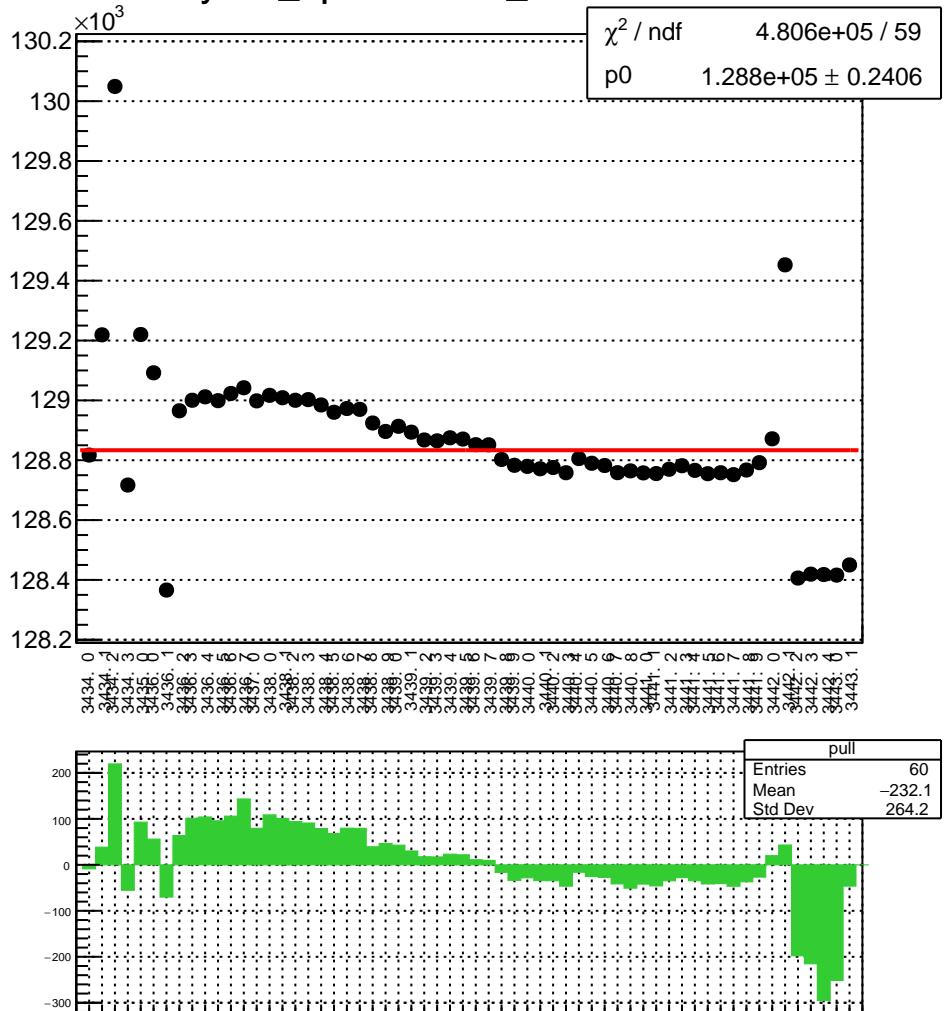




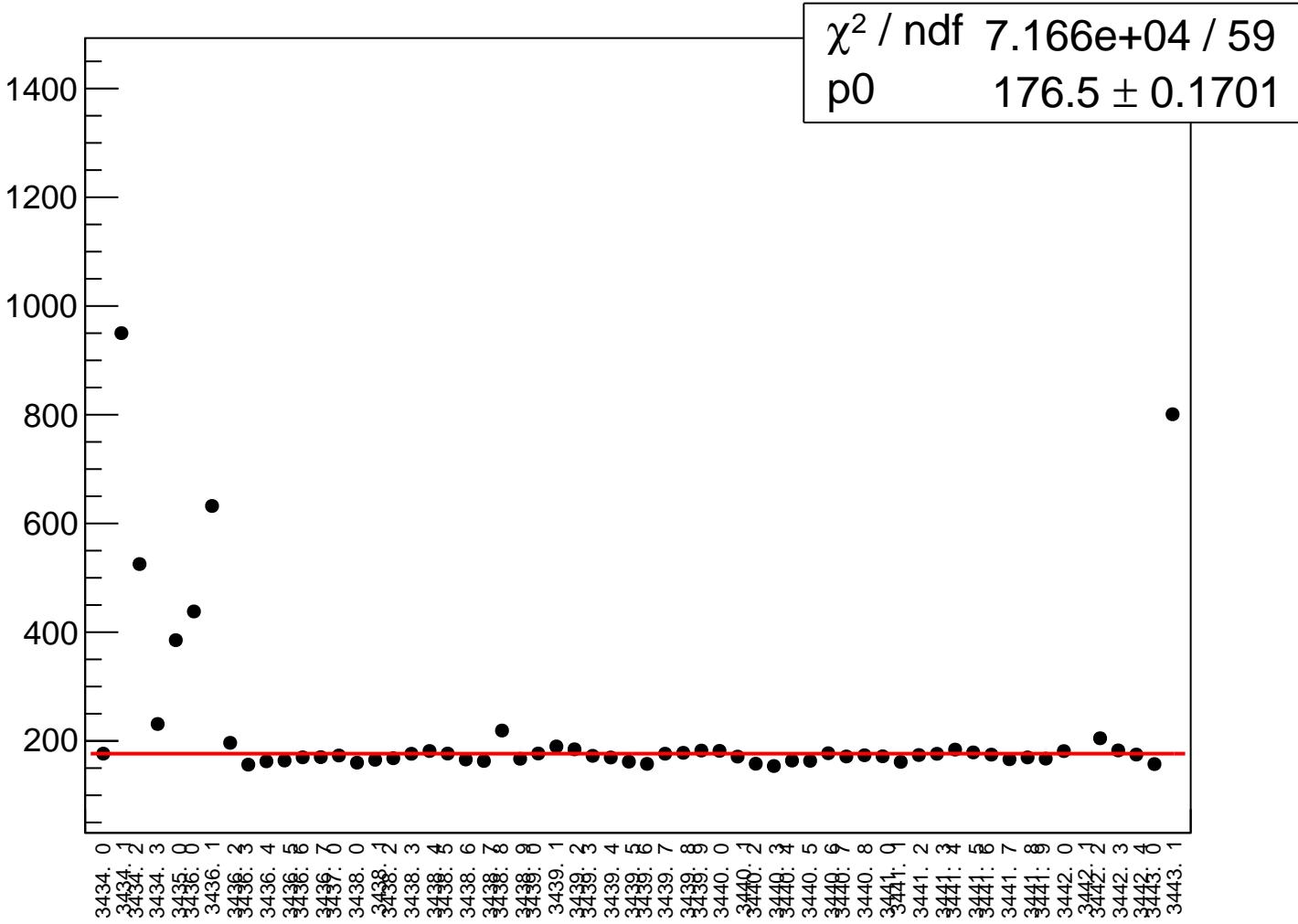
yield_bpm2i01WS_rms vs run

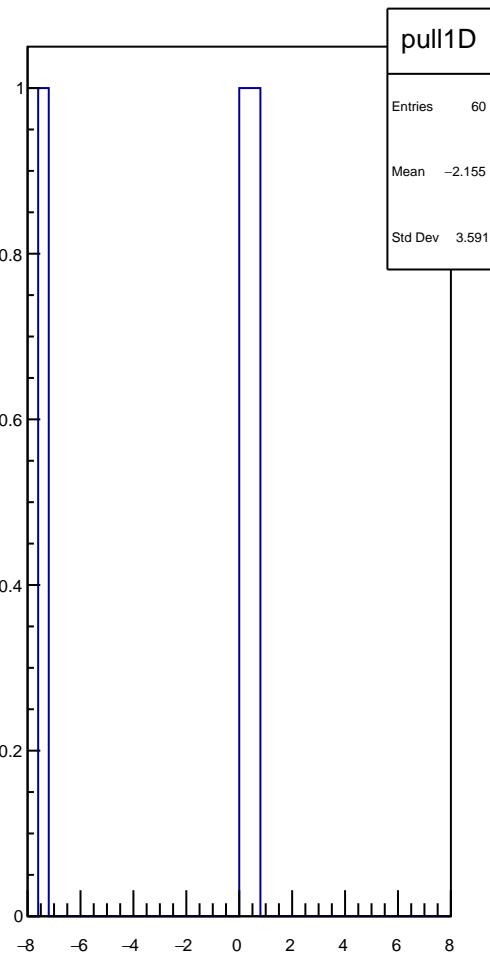
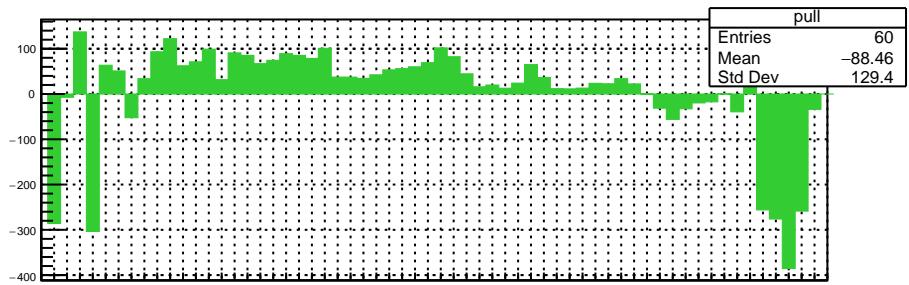
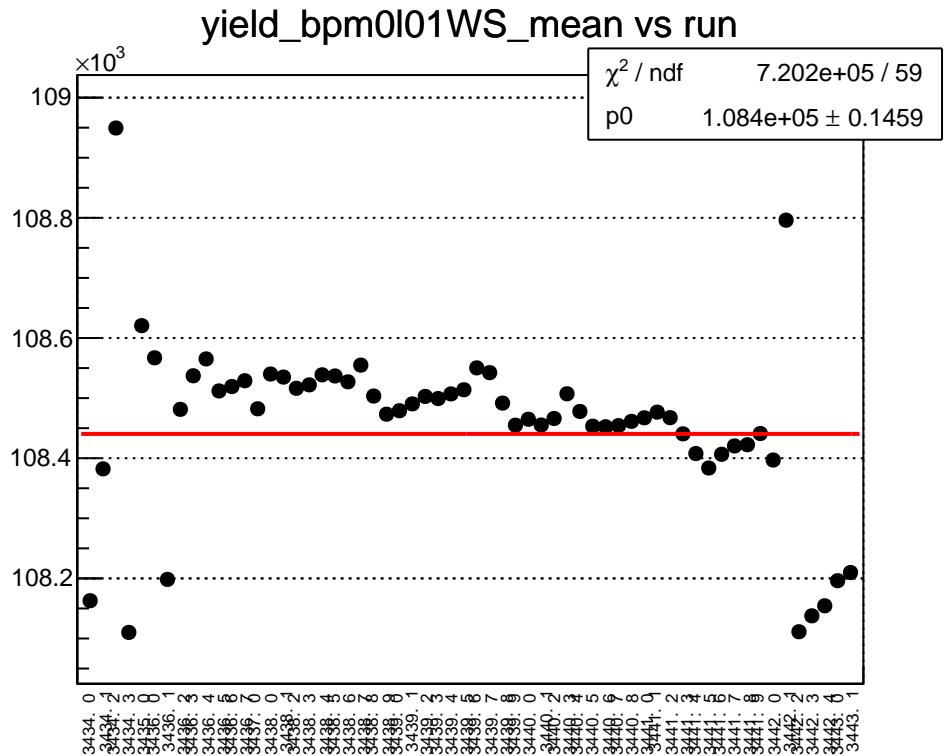


yield_bpm0i07WS_mean vs run

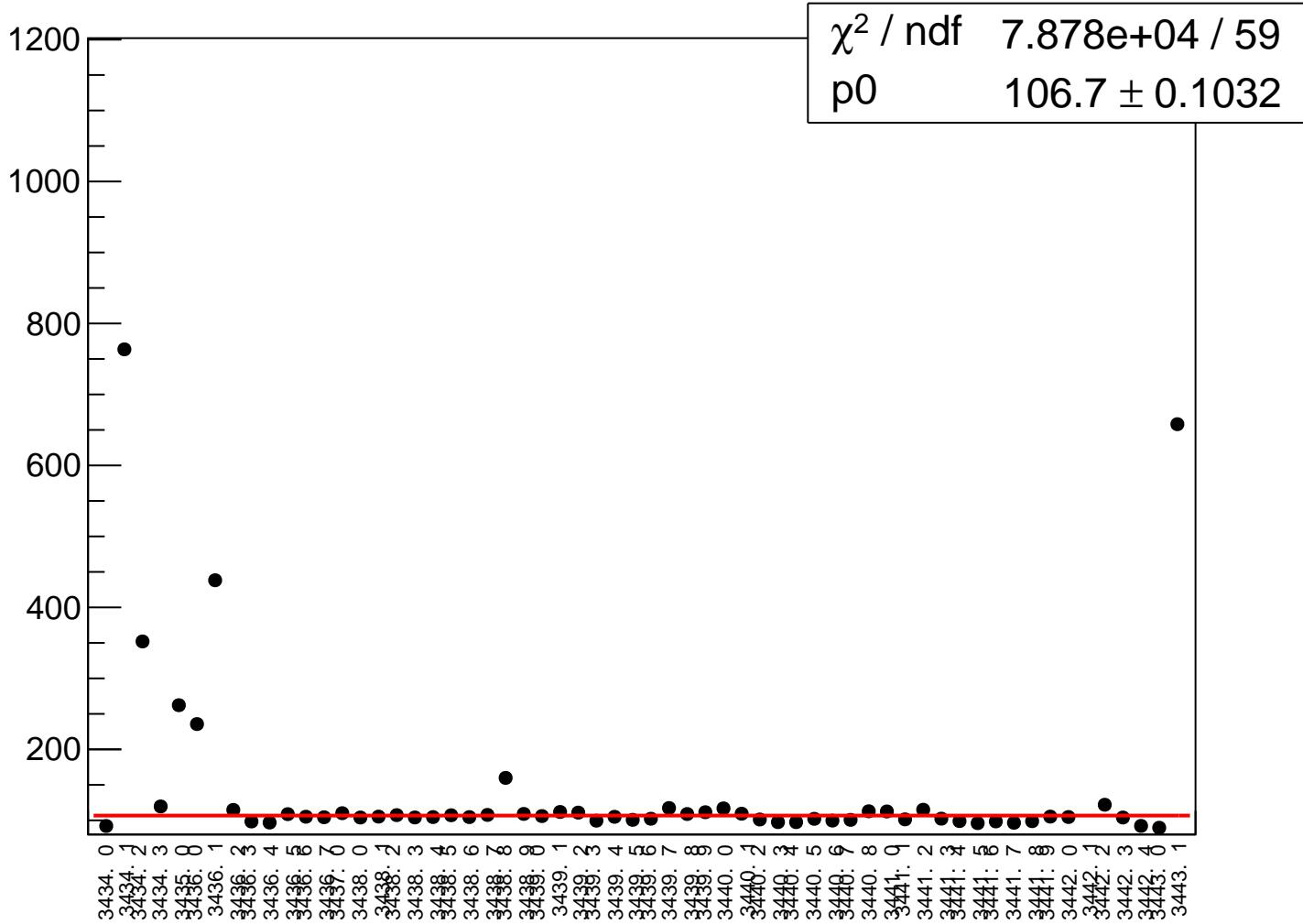


yield_bpm0i07WS_rms vs run



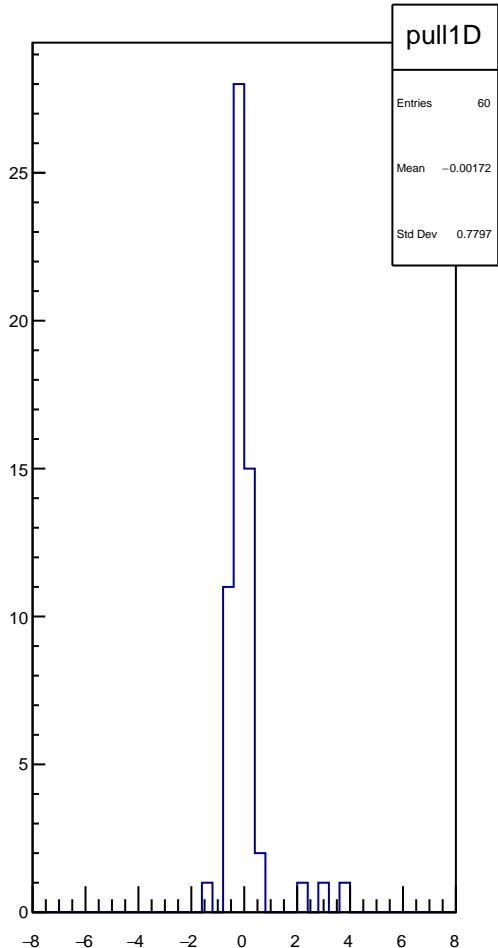
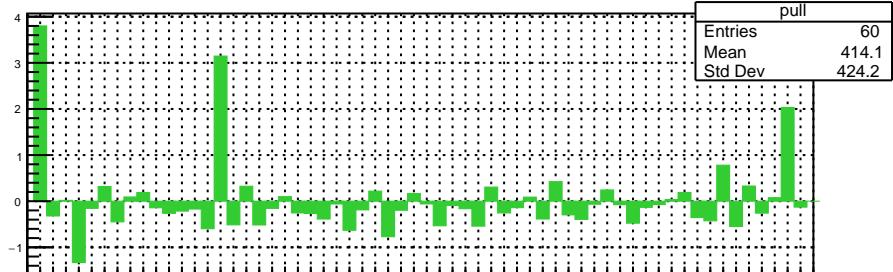
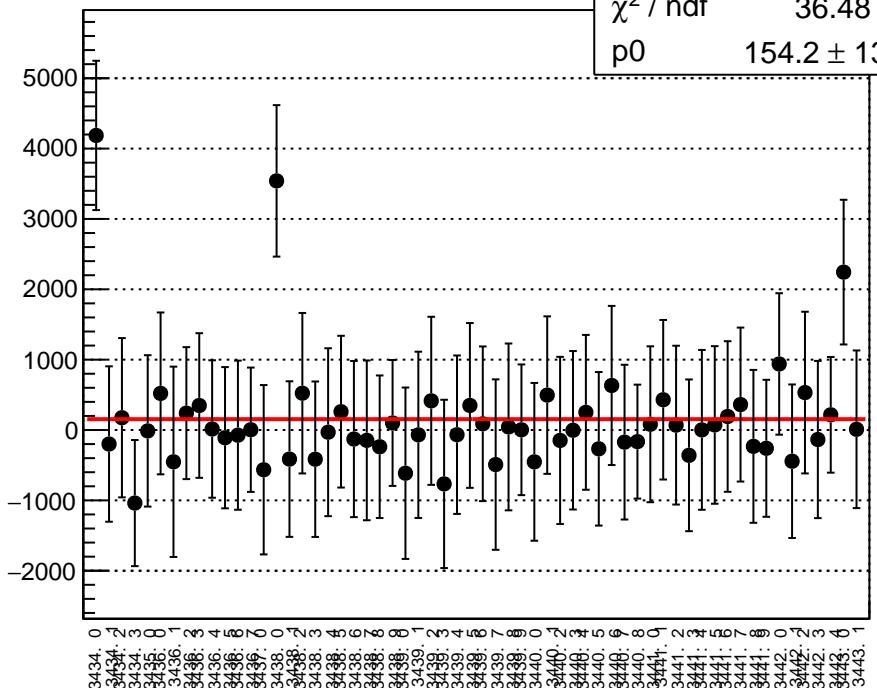


yield_bpm0l01WS_rms vs run

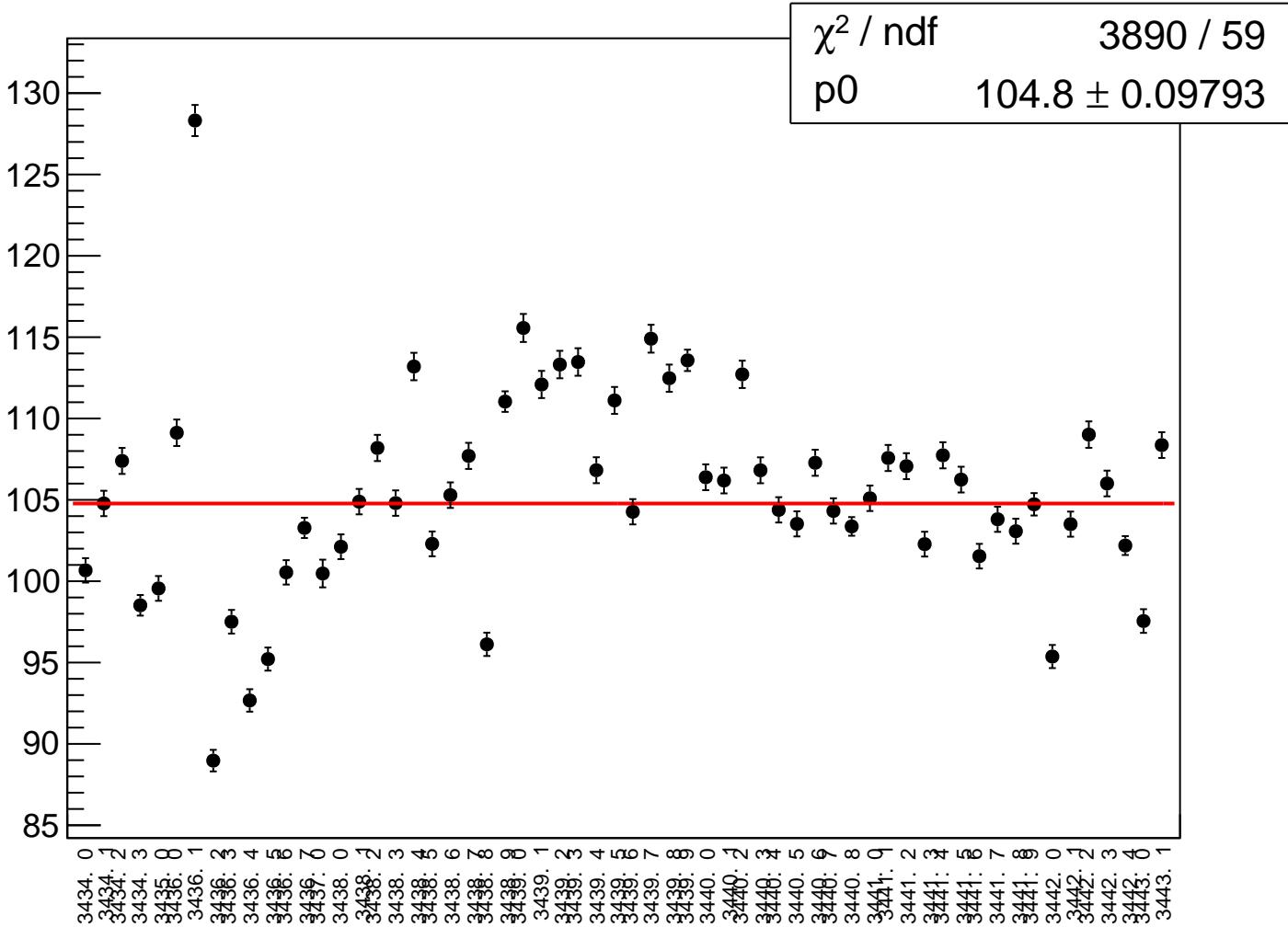


asym_bcm_an_ds_mean vs run

χ^2 / ndf 36.48 / 59
 p_0 154.2 ± 138.5

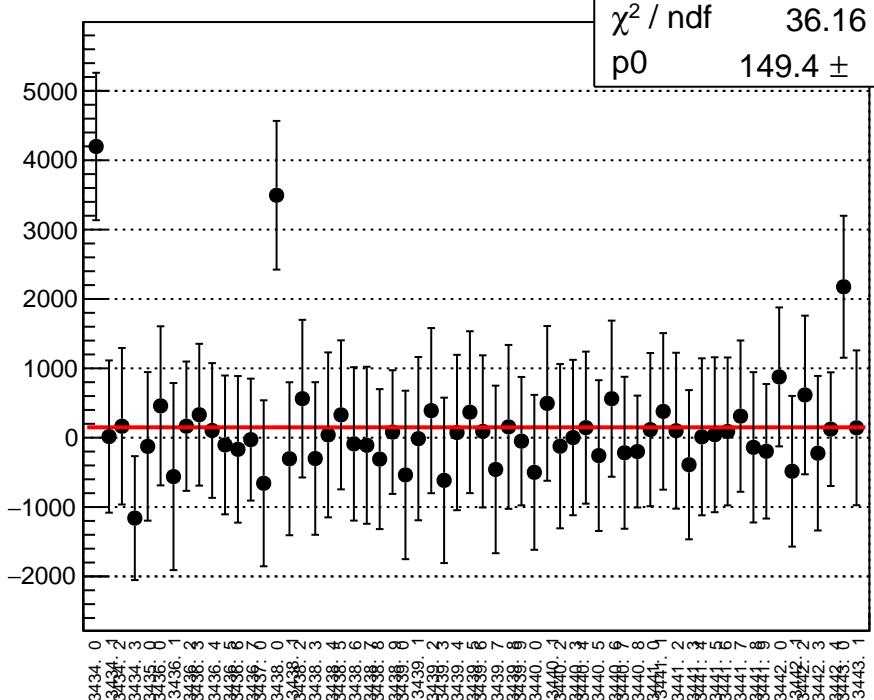


asym_bcm_an_ds_rms vs run





χ^2 / ndf 36.16 / 59
p0 149.4 ± 138



A histogram showing the distribution of 'pull' values. The x-axis ranges from -1.0 to 4.0 with major ticks every 1.0 unit. The y-axis ranges from 0 to 4 with major ticks every 1.0 unit. The histogram bars are green. A black Gaussian curve is overlaid on the histogram, peaking at approximately -825.3. Text annotations on the right side of the plot provide summary statistics: Entries: 60, Mean: -825.3, Std Dev: 817.2. The word 'pull' is written above the mean value.

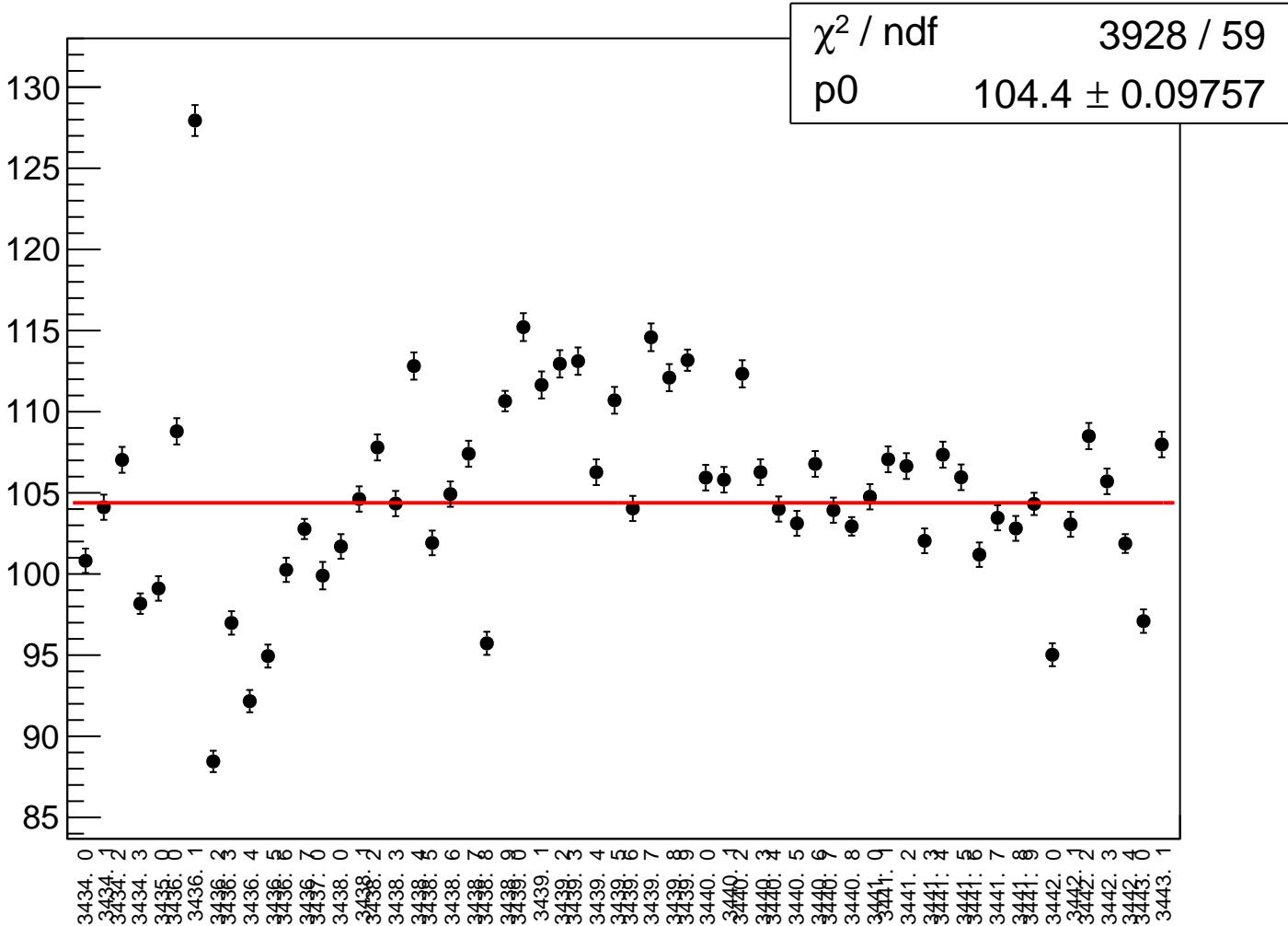
Statistic	Value
Entries	60
Mean	-825.3
Std Dev	817.2

pull

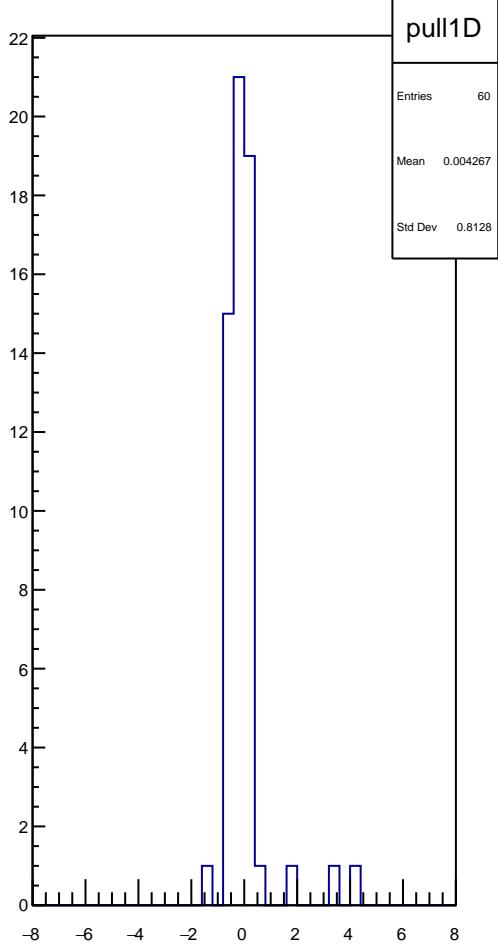
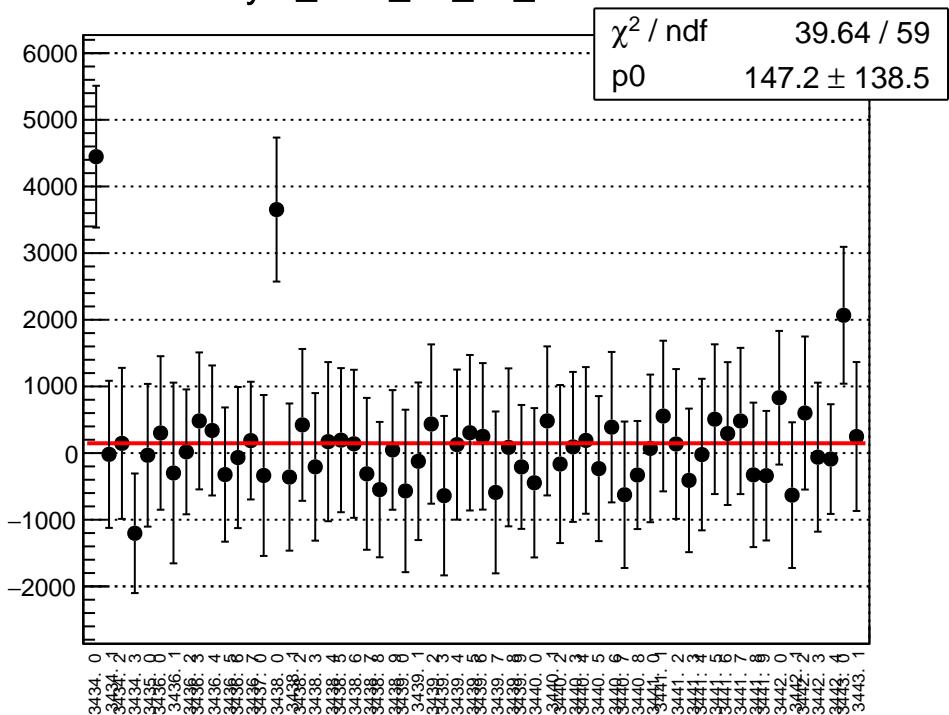
A histogram showing the distribution of pull1D . The x-axis ranges from -8 to 8, and the y-axis ranges from 0 to 30. The distribution is highly peaked at zero, with a maximum frequency of approximately 29. The plot includes a legend box with the following information:

- Entries: 60
- Mean: 0.0008387
- Std Dev: 0.7763

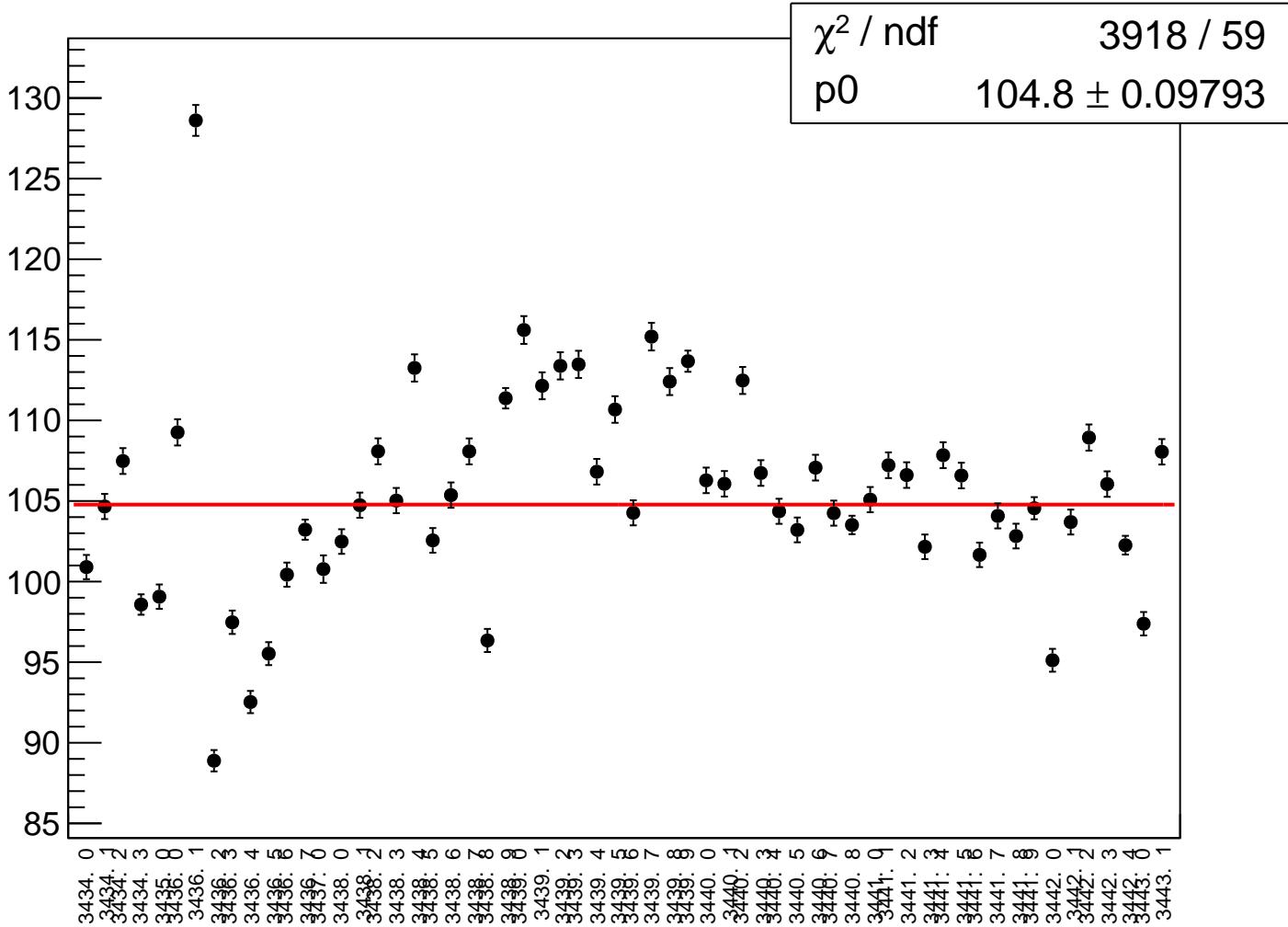
asym_bcm_an_ds3_rms vs run



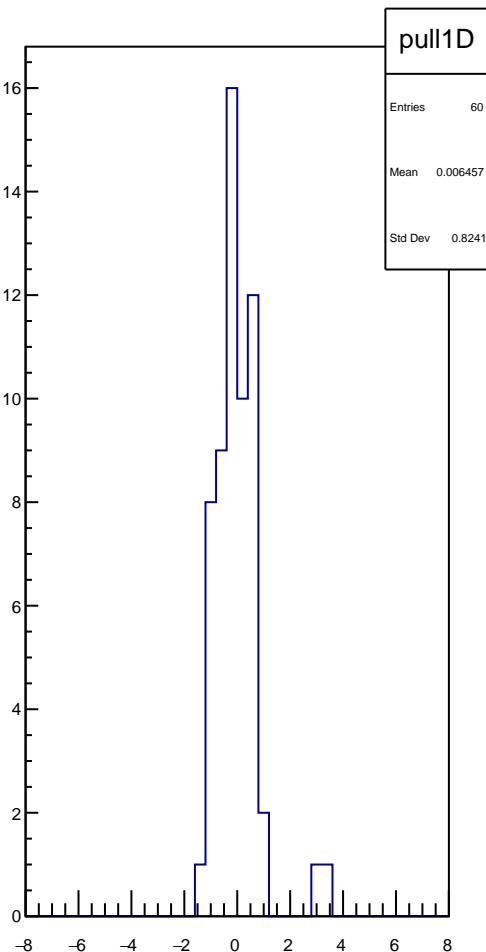
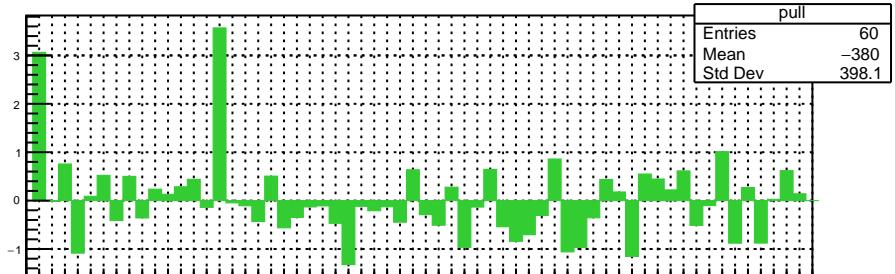
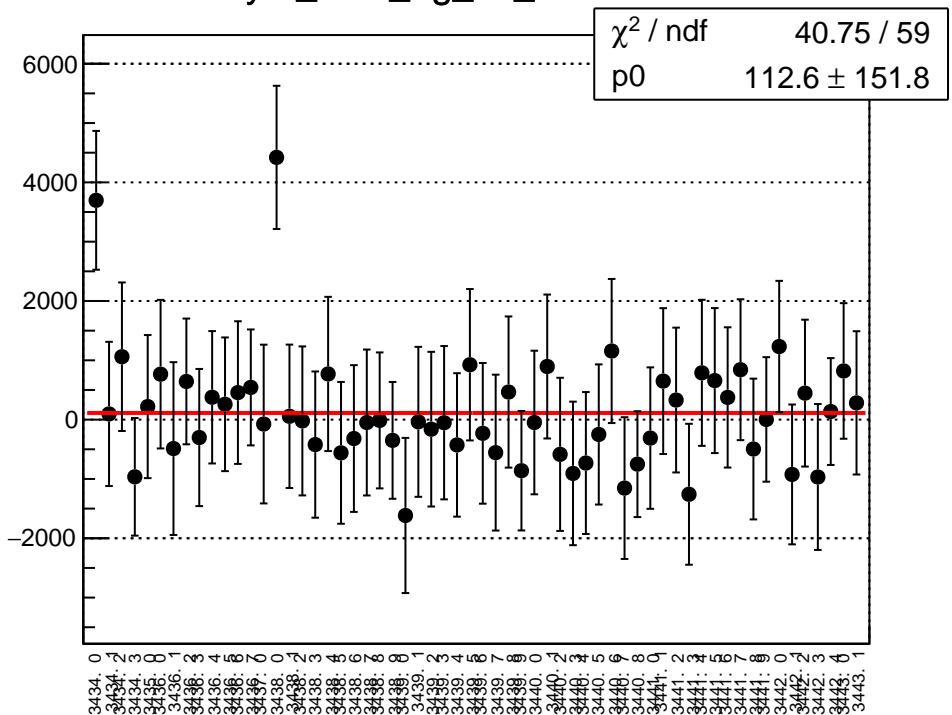
asym_bcm_an_us_mean vs run



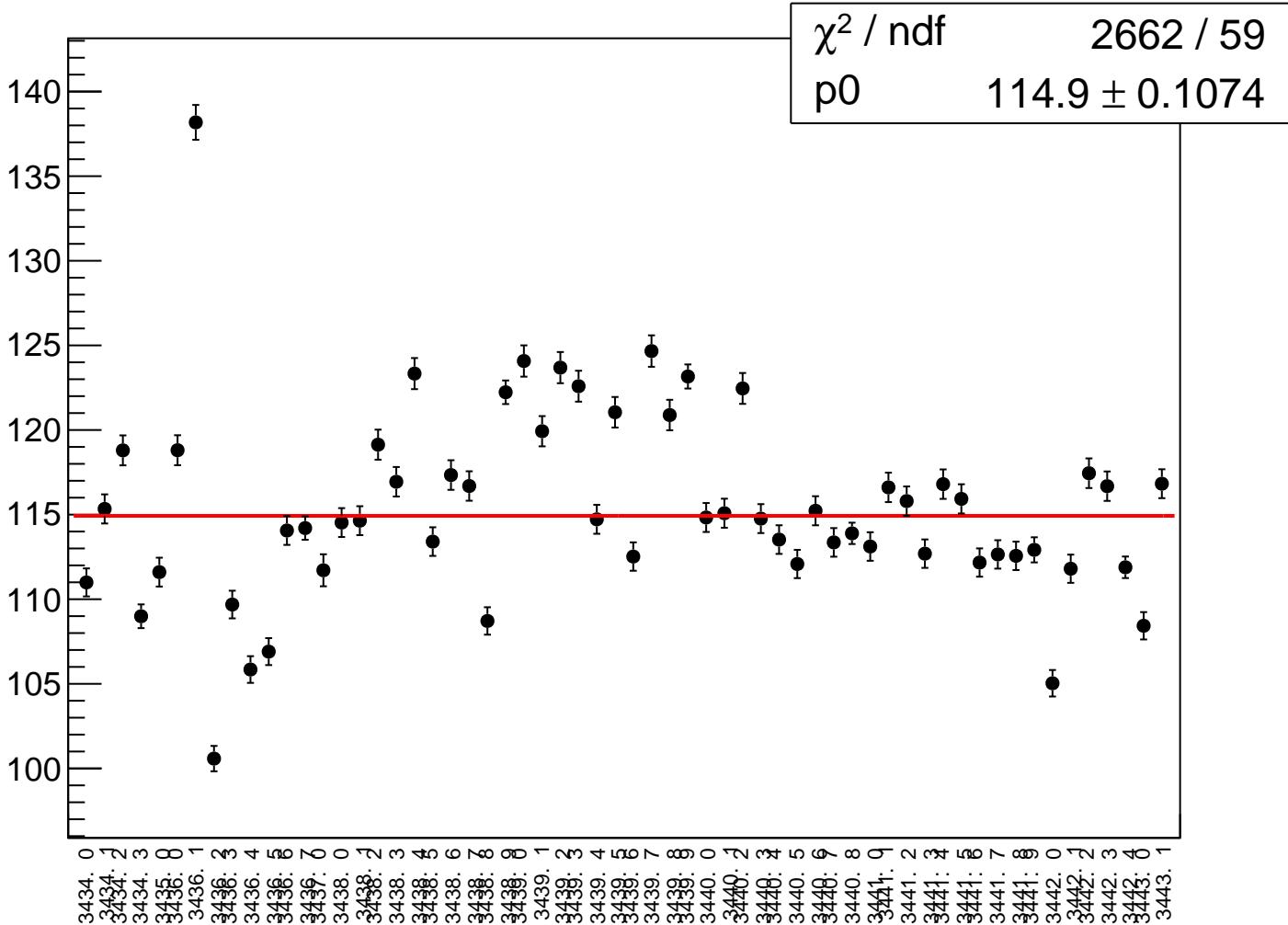
asym_bcm_an_us_rms vs run



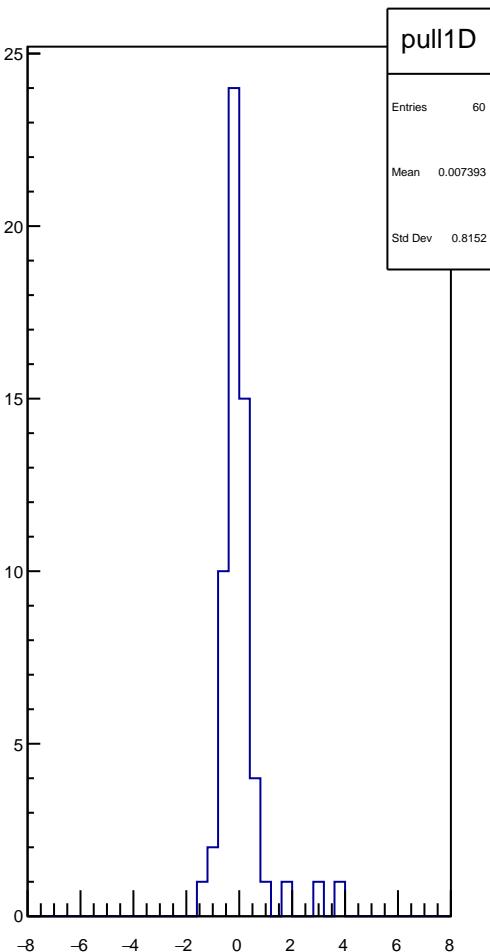
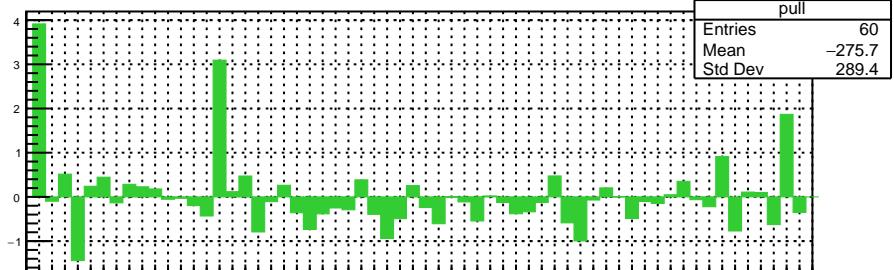
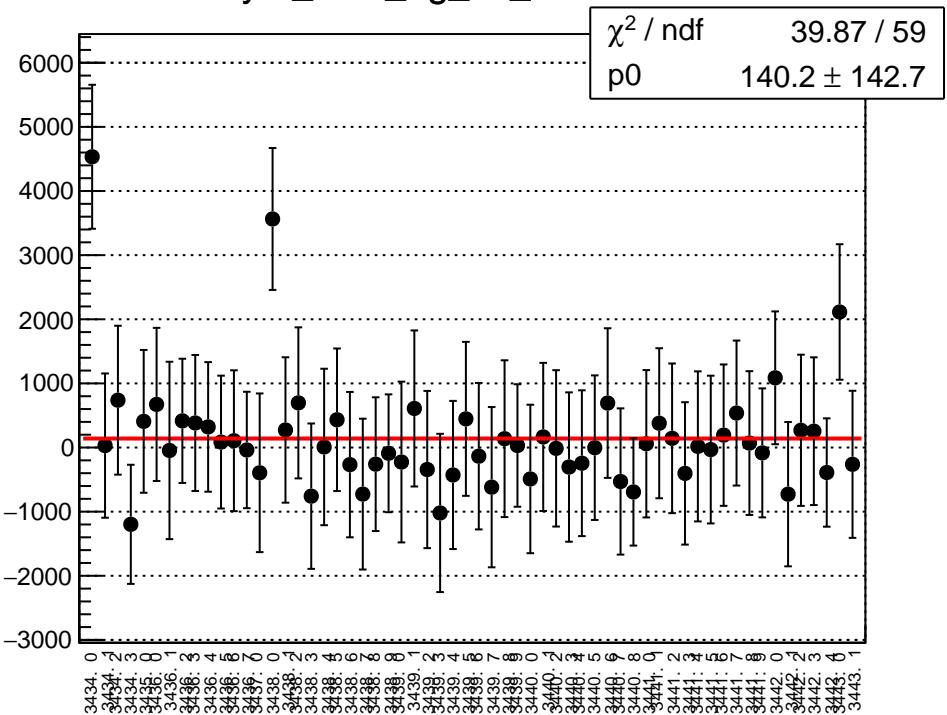
asym_bcm_dg_us_mean vs run



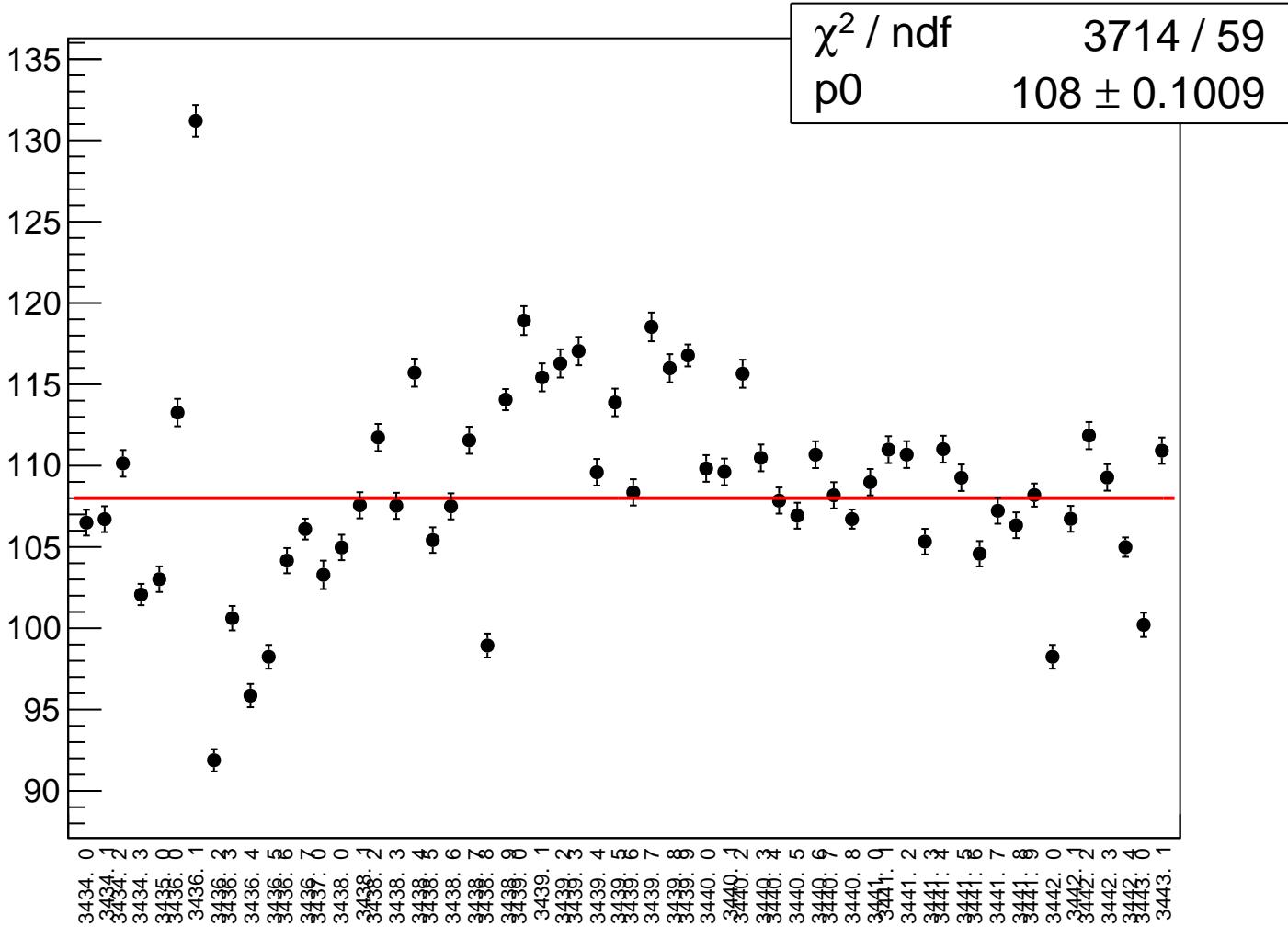
asym_bcm_dg_us_rms vs run



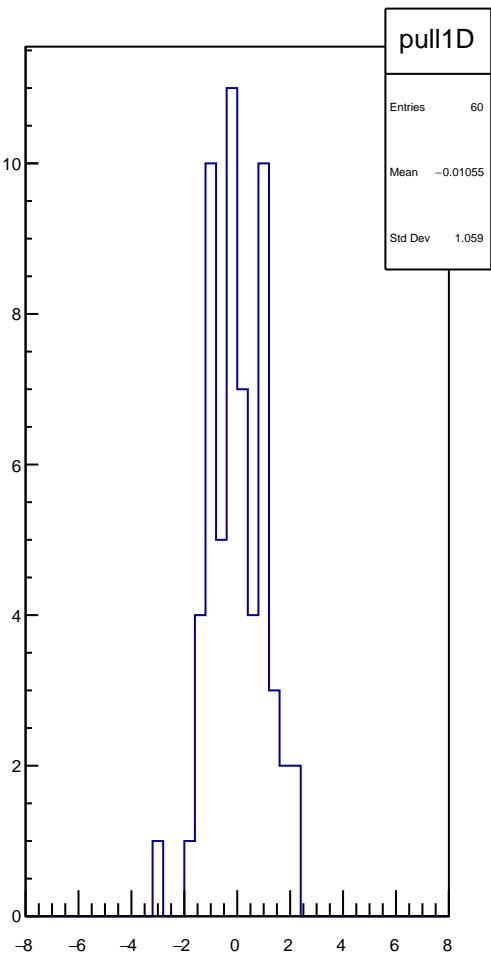
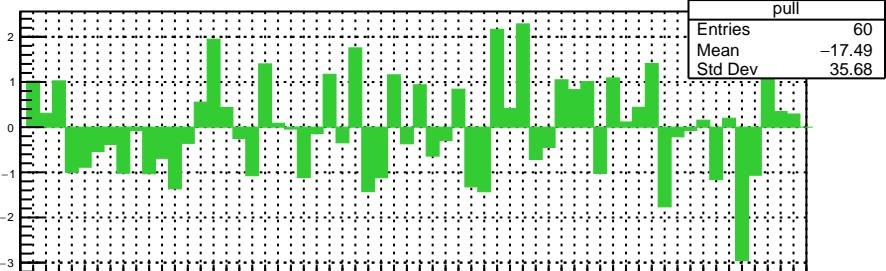
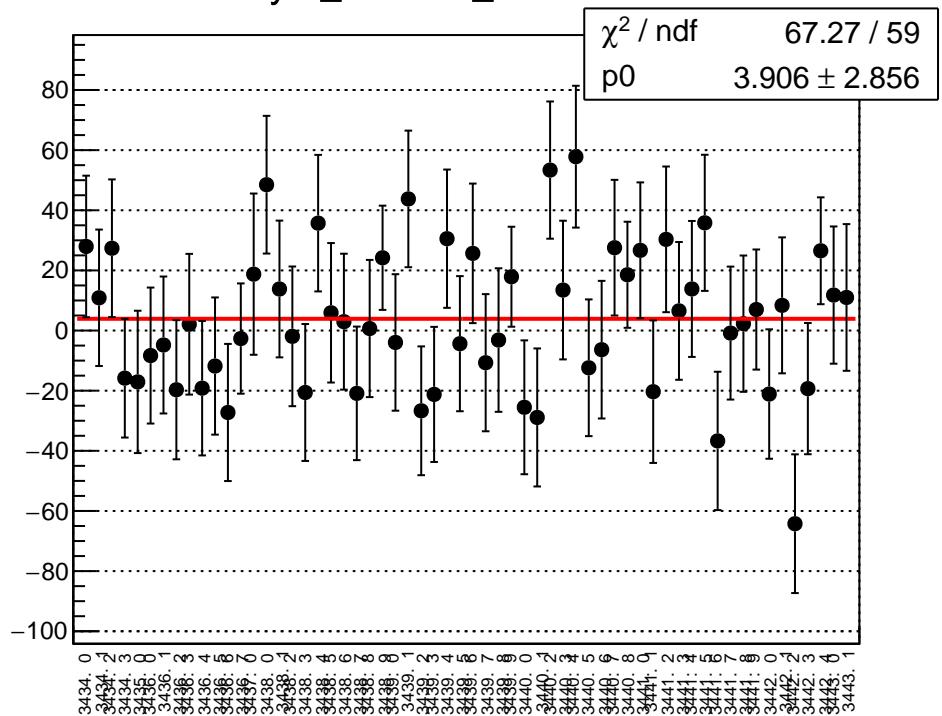
asym_bcm_dg_ds_mean vs run



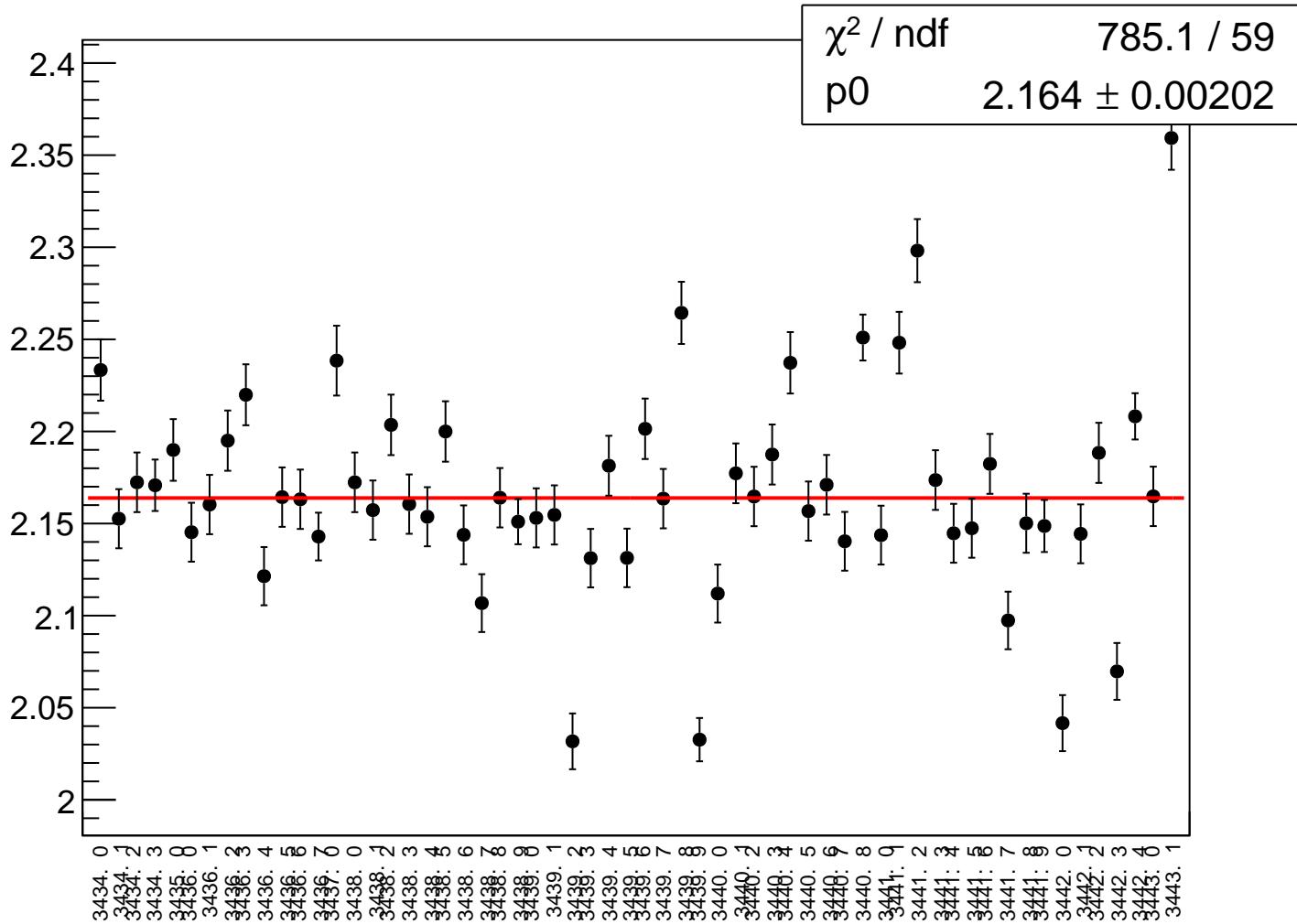
asym_bcm_dg_ds_rms vs run



asym_cav4bQ_mean vs run

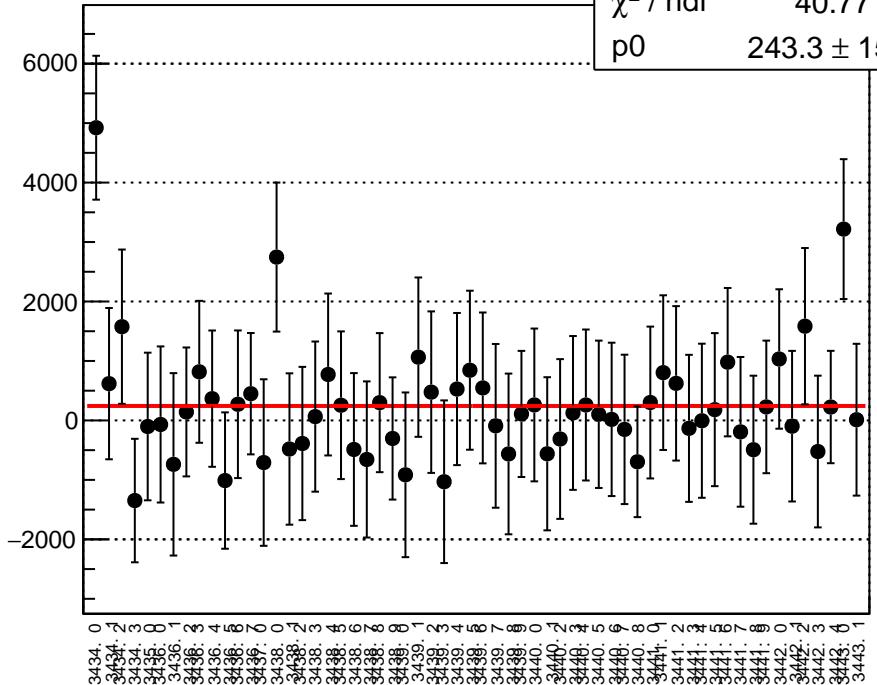


asym_cav4bQ_rms vs run

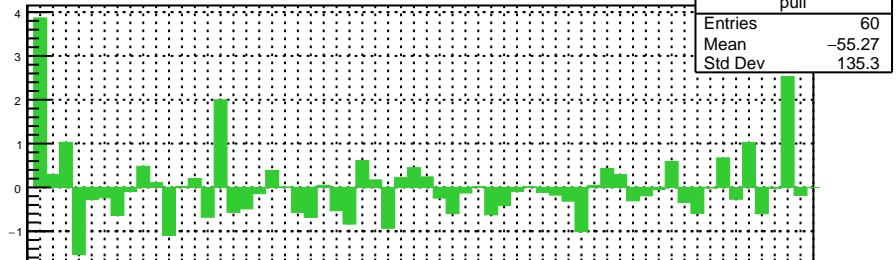


asym_cav4cQ_mean vs run

χ^2 / ndf 40.77 / 59
 p0 243.3 ± 159.1

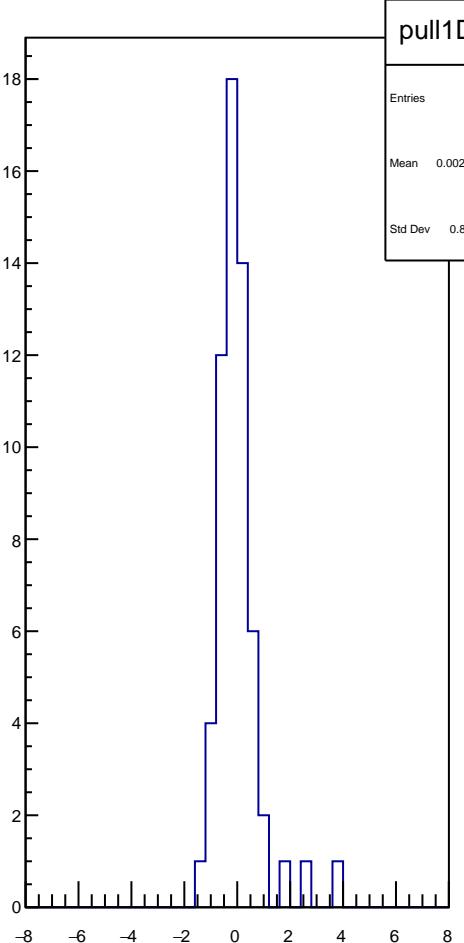


3434, 3435, 3436, 3437, 3438, 3439, 3440, 3441, 3442, 3443.

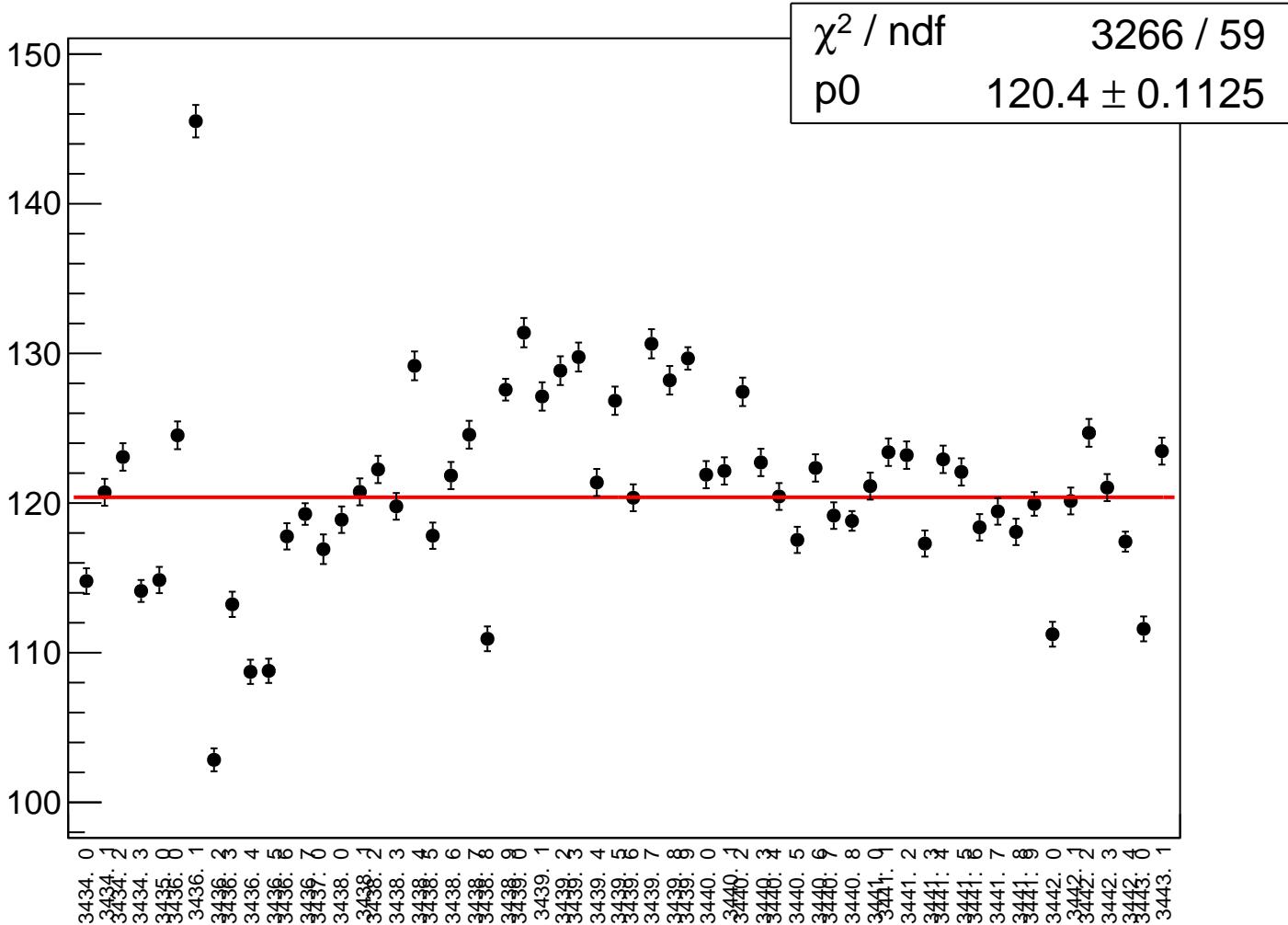


pull1D

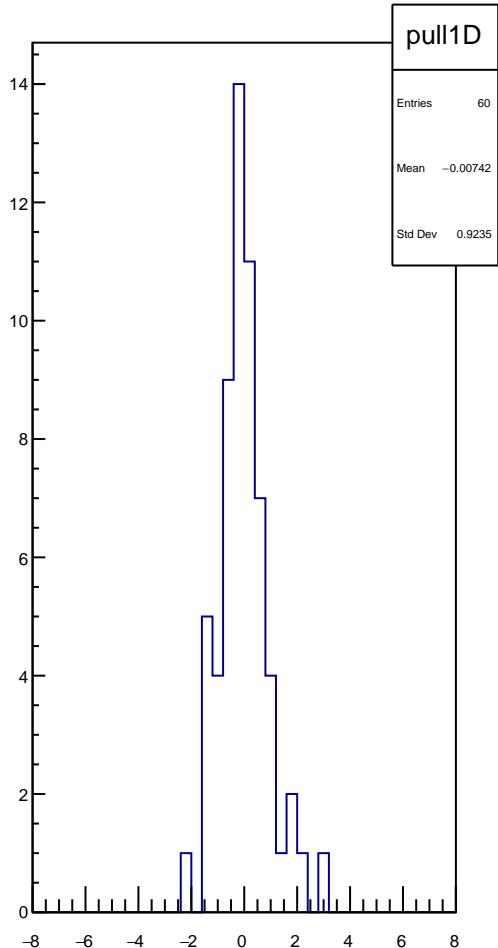
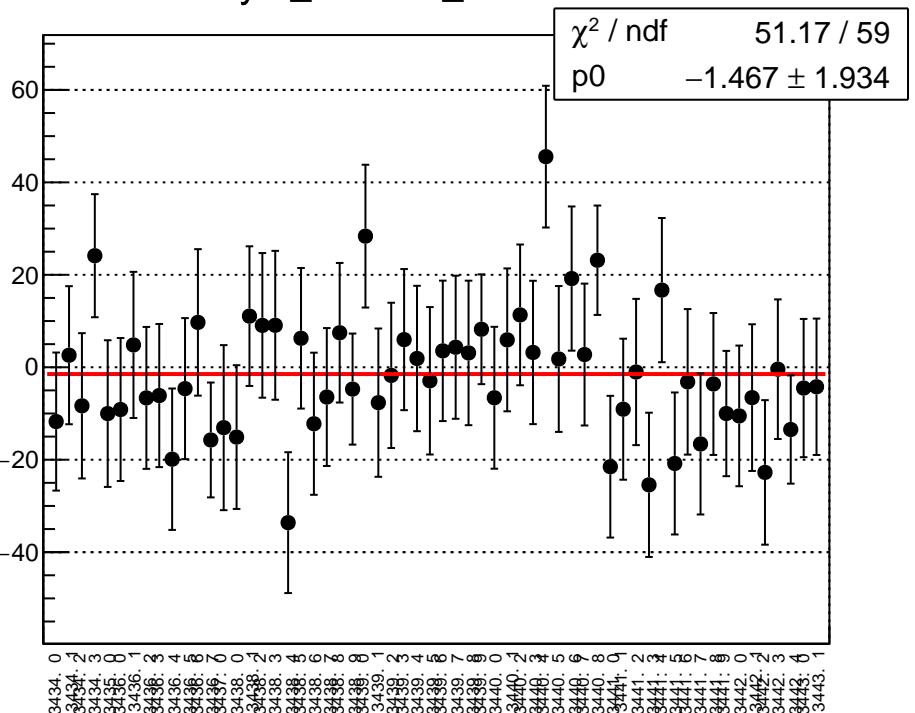
Entries 60
 Mean 0.002836
 Std Dev 0.8243



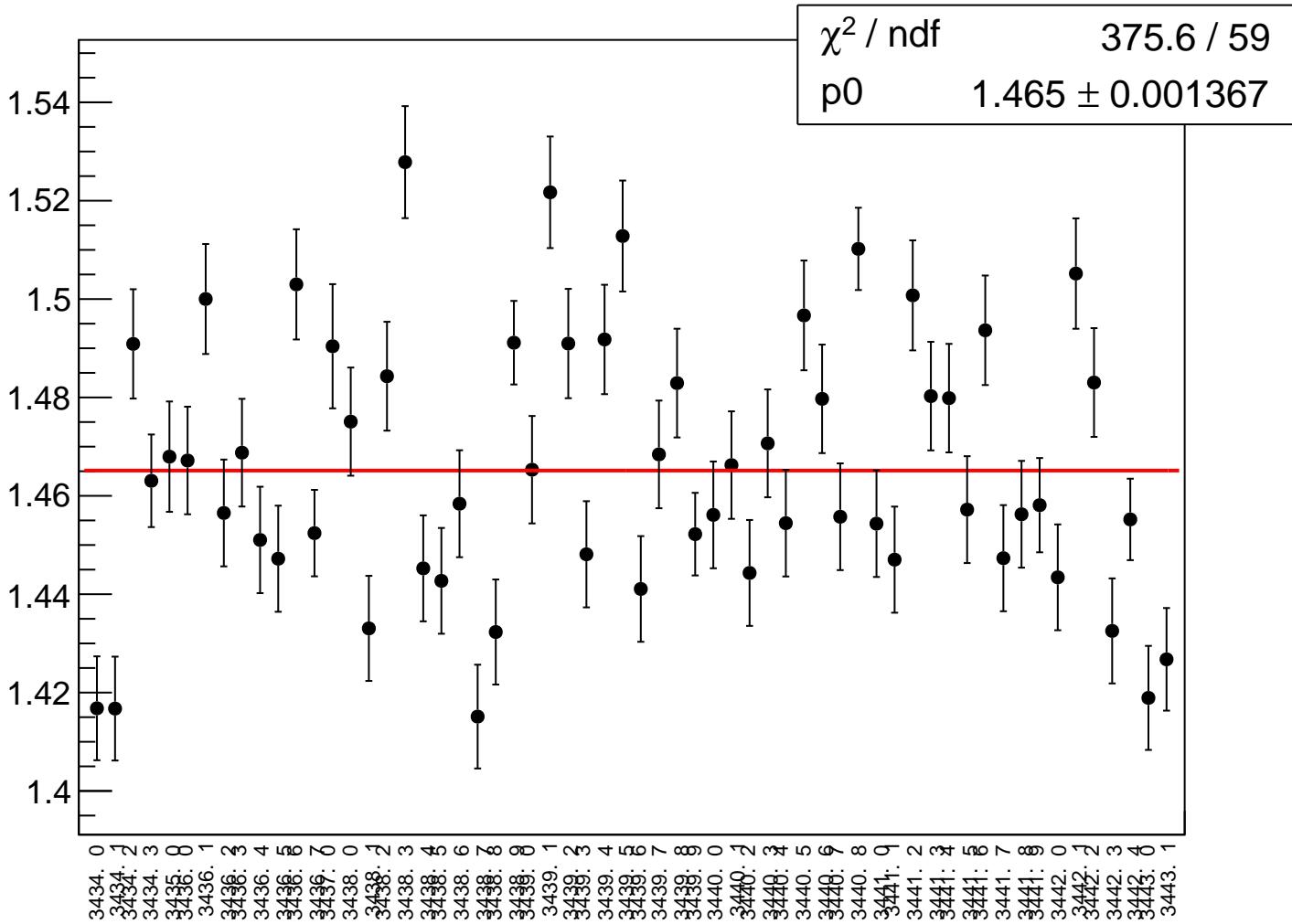
asym_cav4cQ_rms vs run



asym_cav4dQ_mean vs run

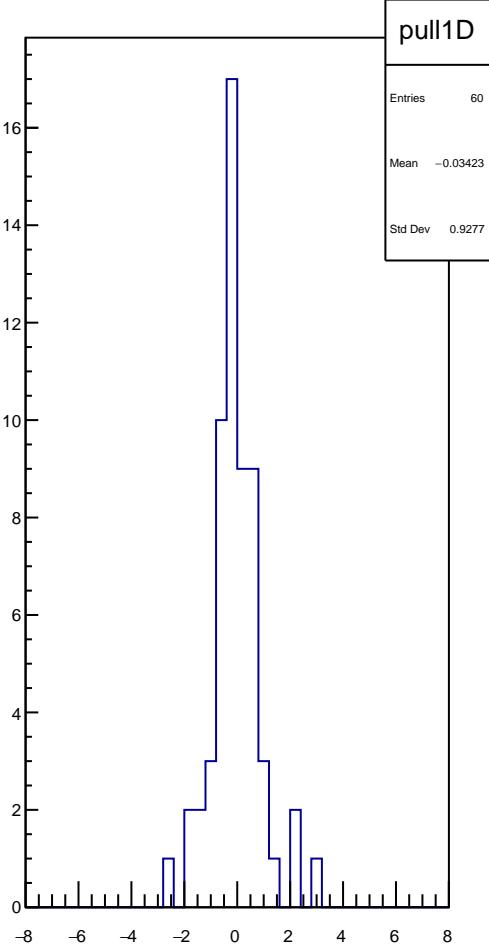
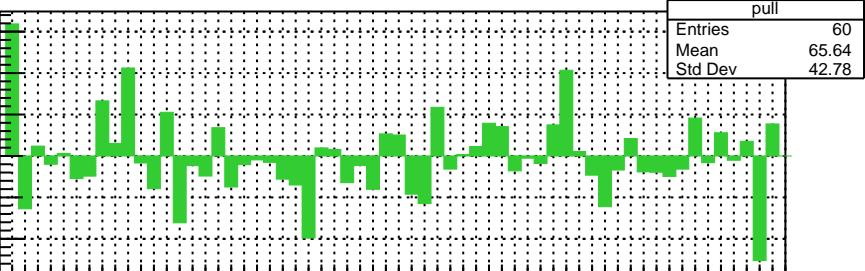
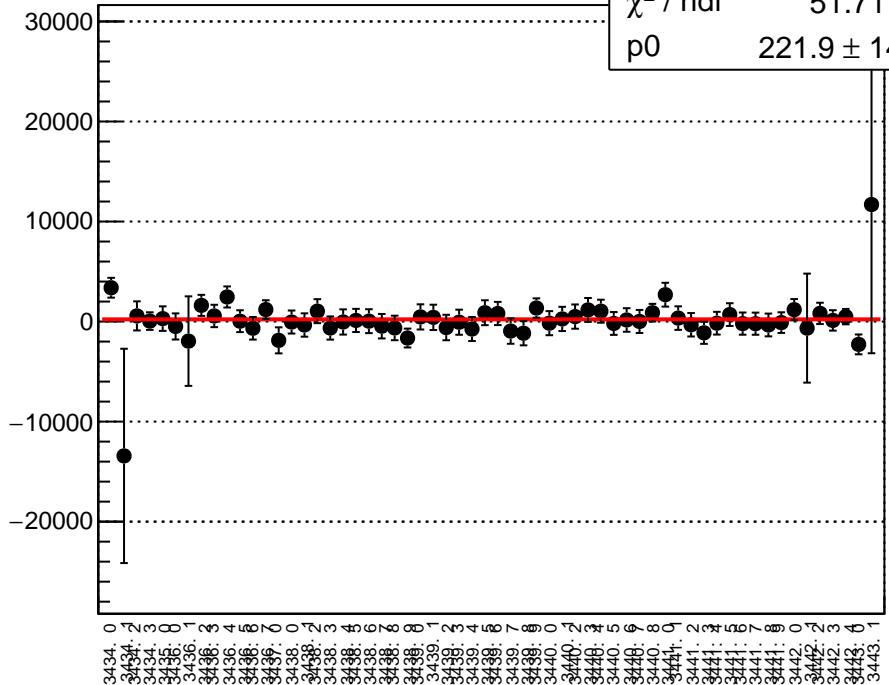


asym_cav4dQ_rms vs run

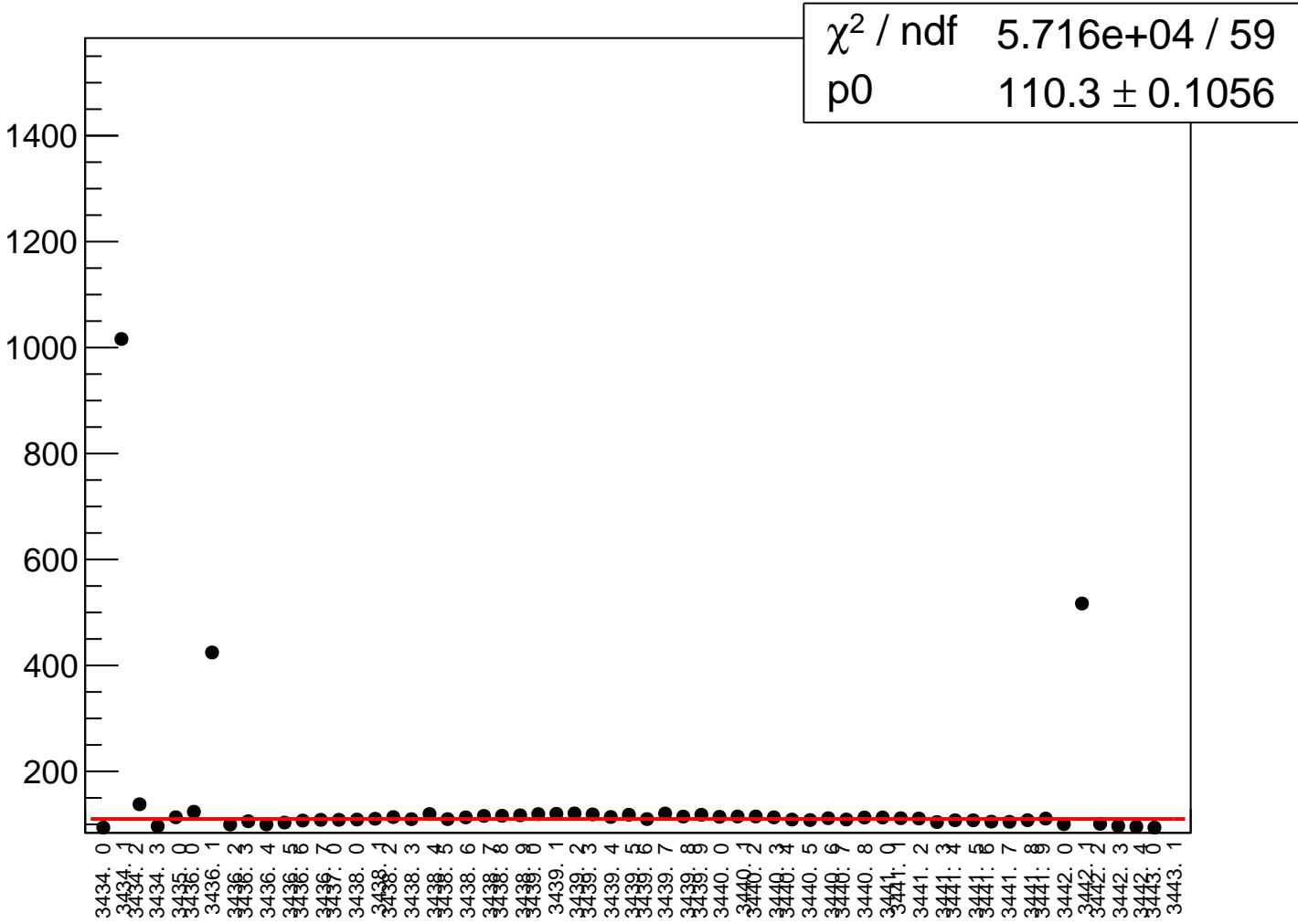


asym_bcm0l02_mean vs run

χ^2 / ndf 51.71 / 59
p0 221.9 ± 149.3

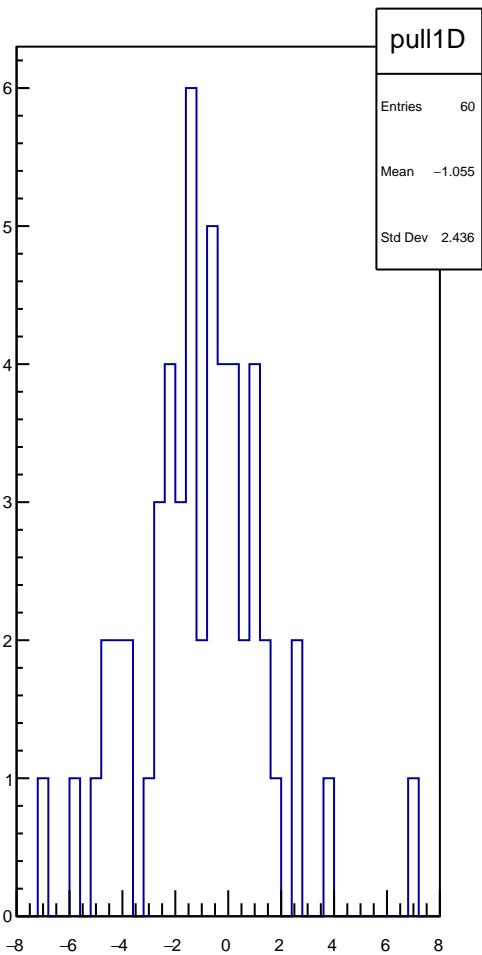
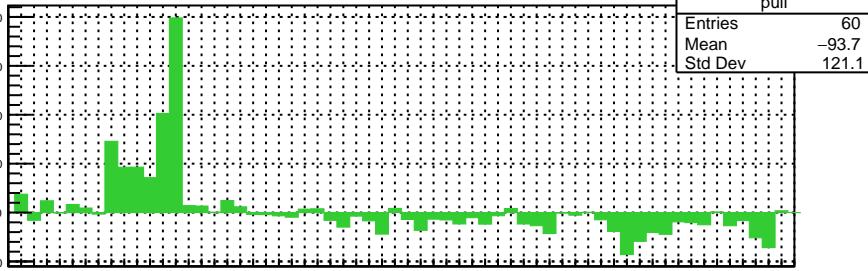
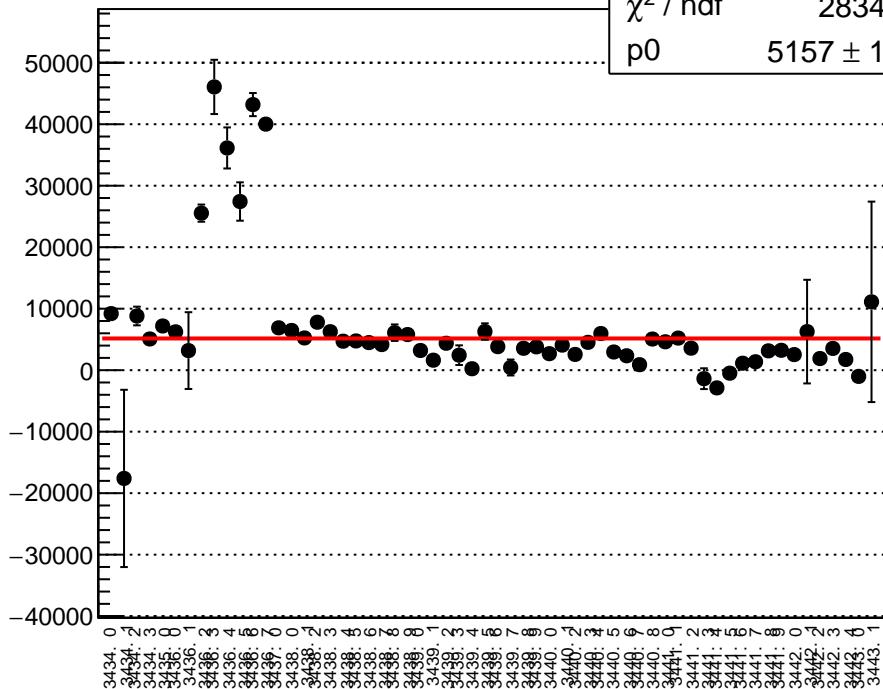


asym_bcm0l02_rms vs run

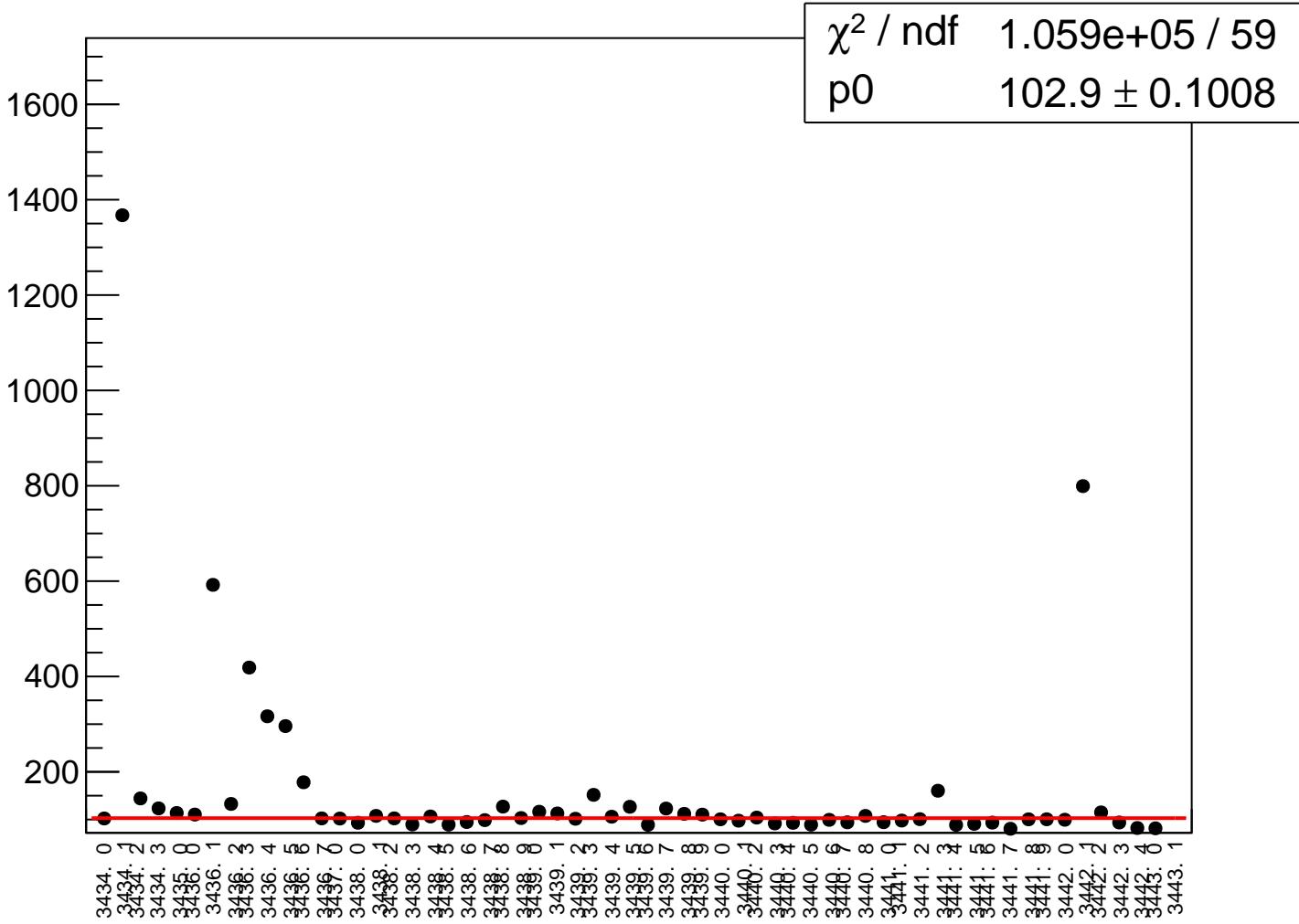


asym_bpm2i01WS_mean vs run

χ^2 / ndf 2834 / 59
 p_0 5157 ± 142.5

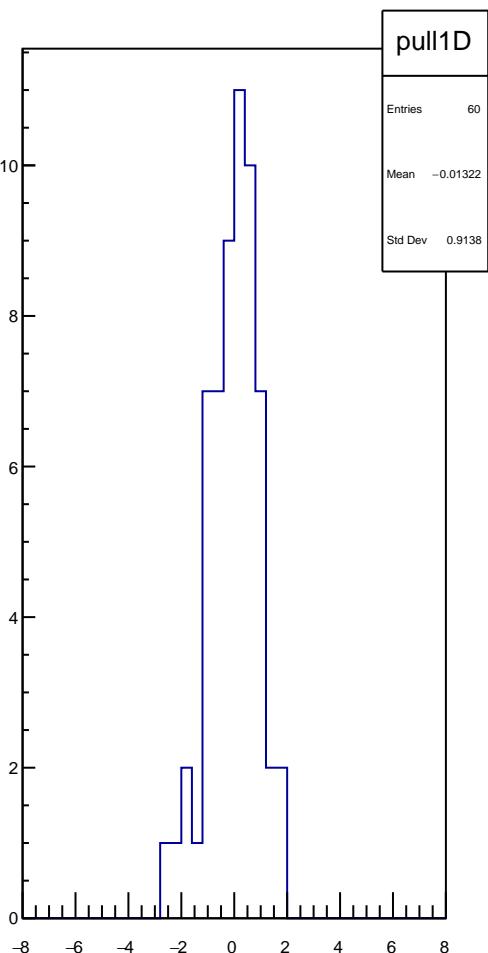
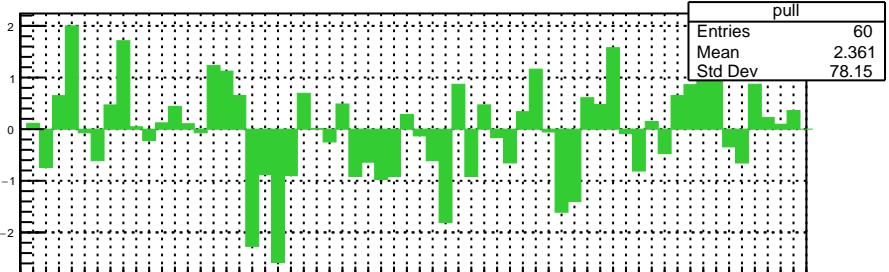
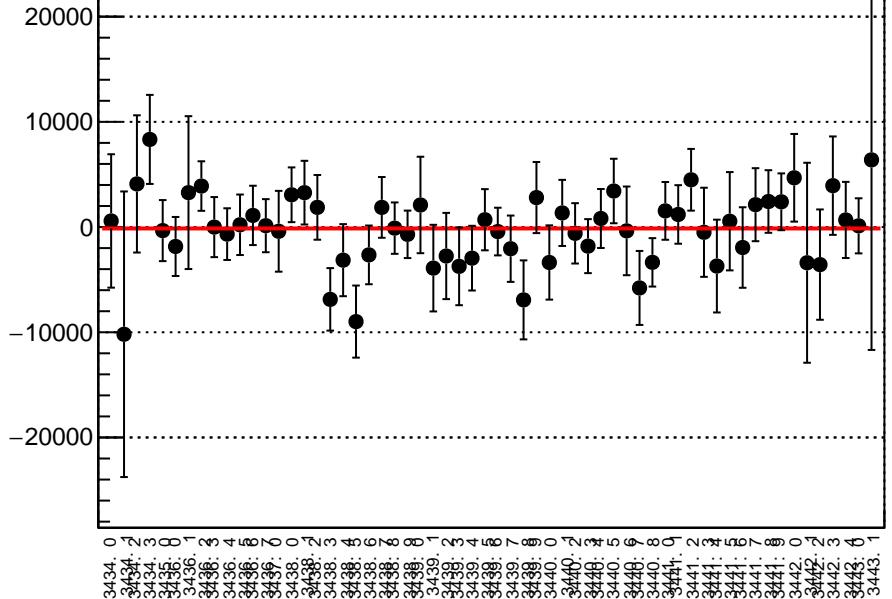


asym_bpm2i01WS_rms vs run

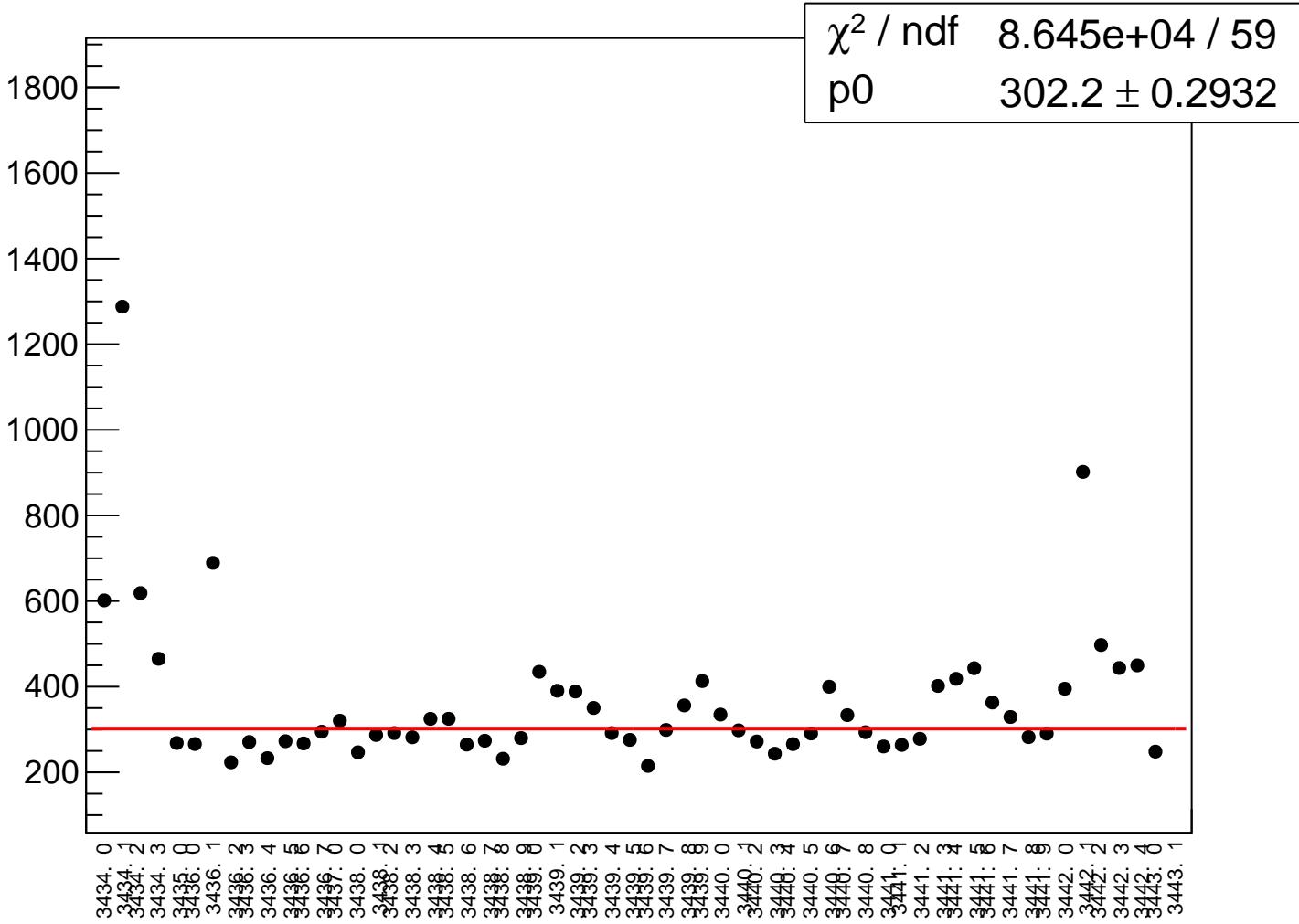


asym_bpm0i07WS_mean vs run

χ^2 / ndf 50.11 / 59
p0 -133.6 ± 414.7

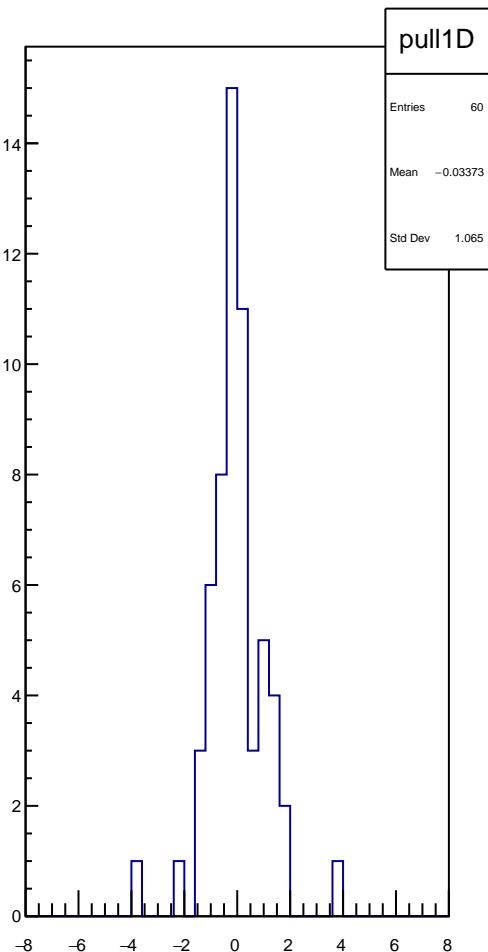
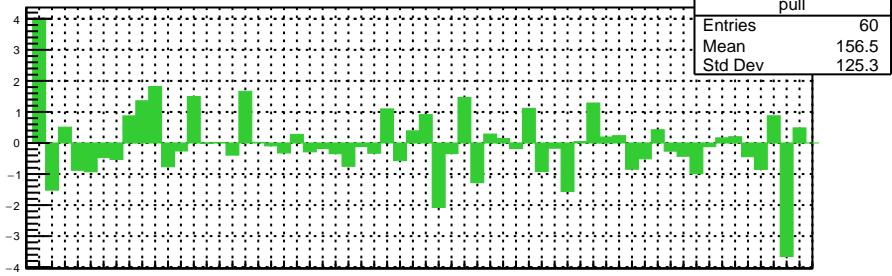
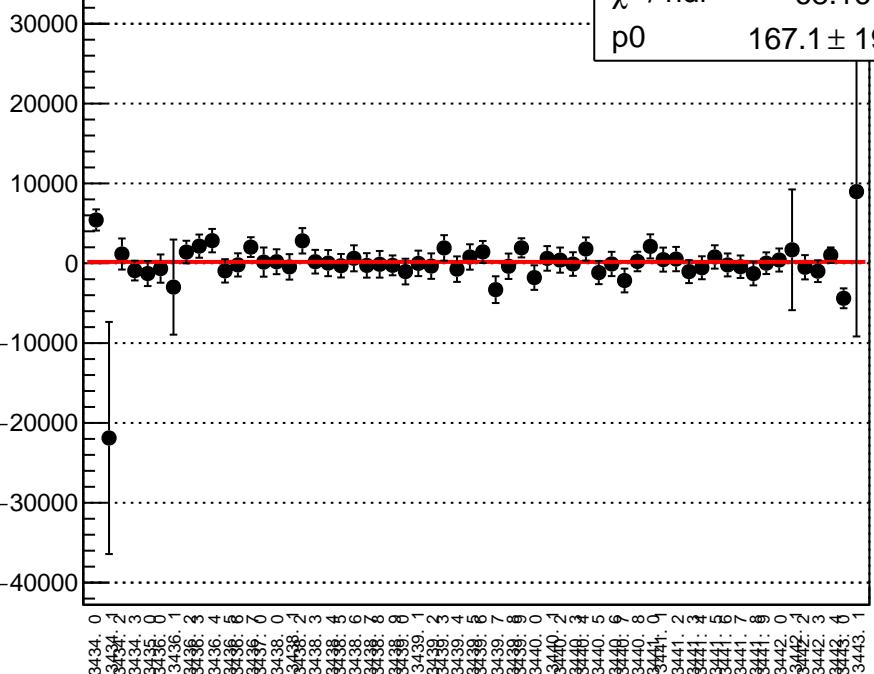


asym_bpm0i07WS_rms vs run

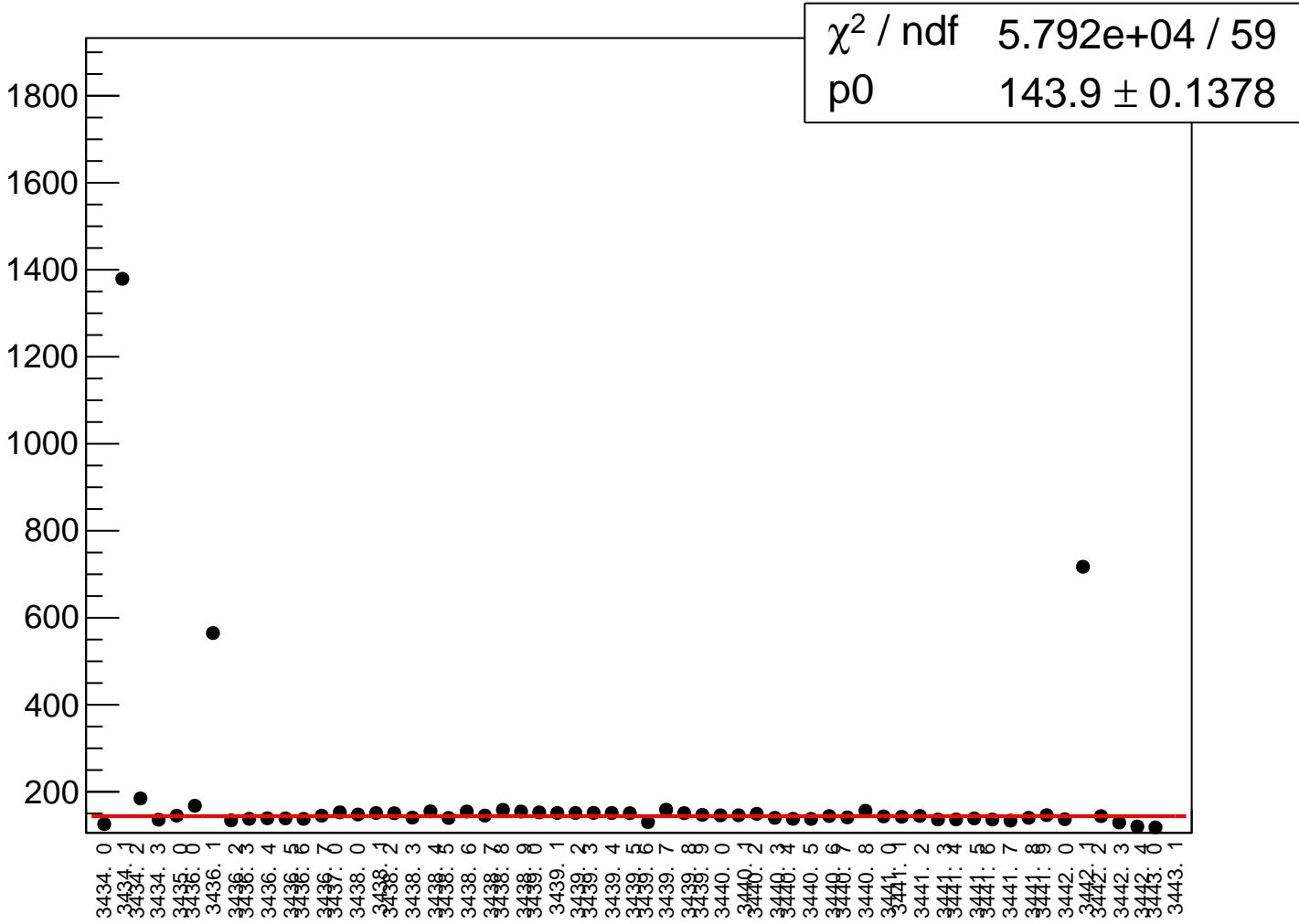


asym_bpm0l01WS_mean vs run

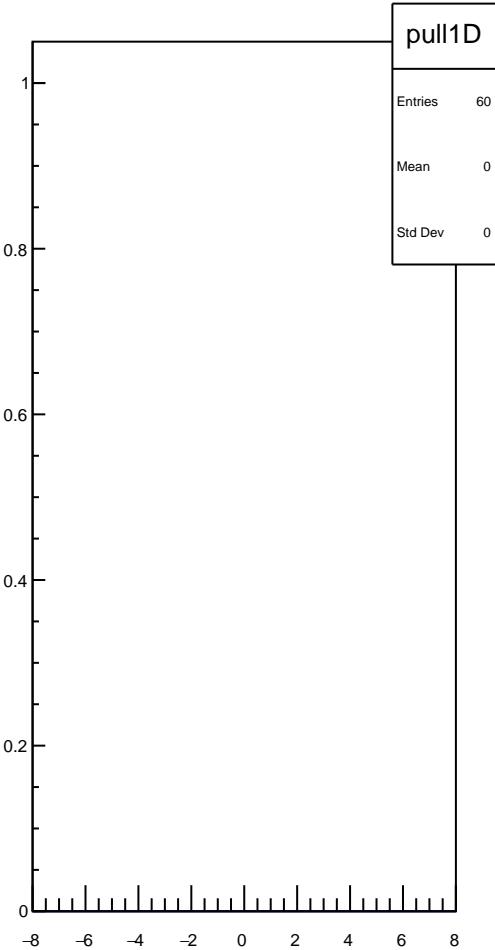
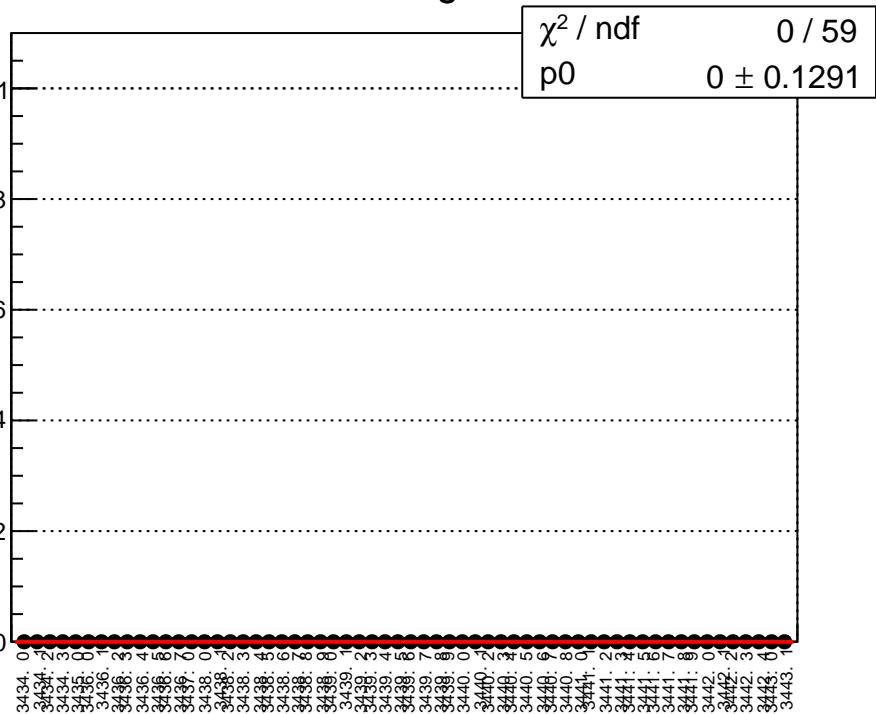
χ^2 / ndf 68.16 / 59
 $p0$ 167.1 ± 194.9



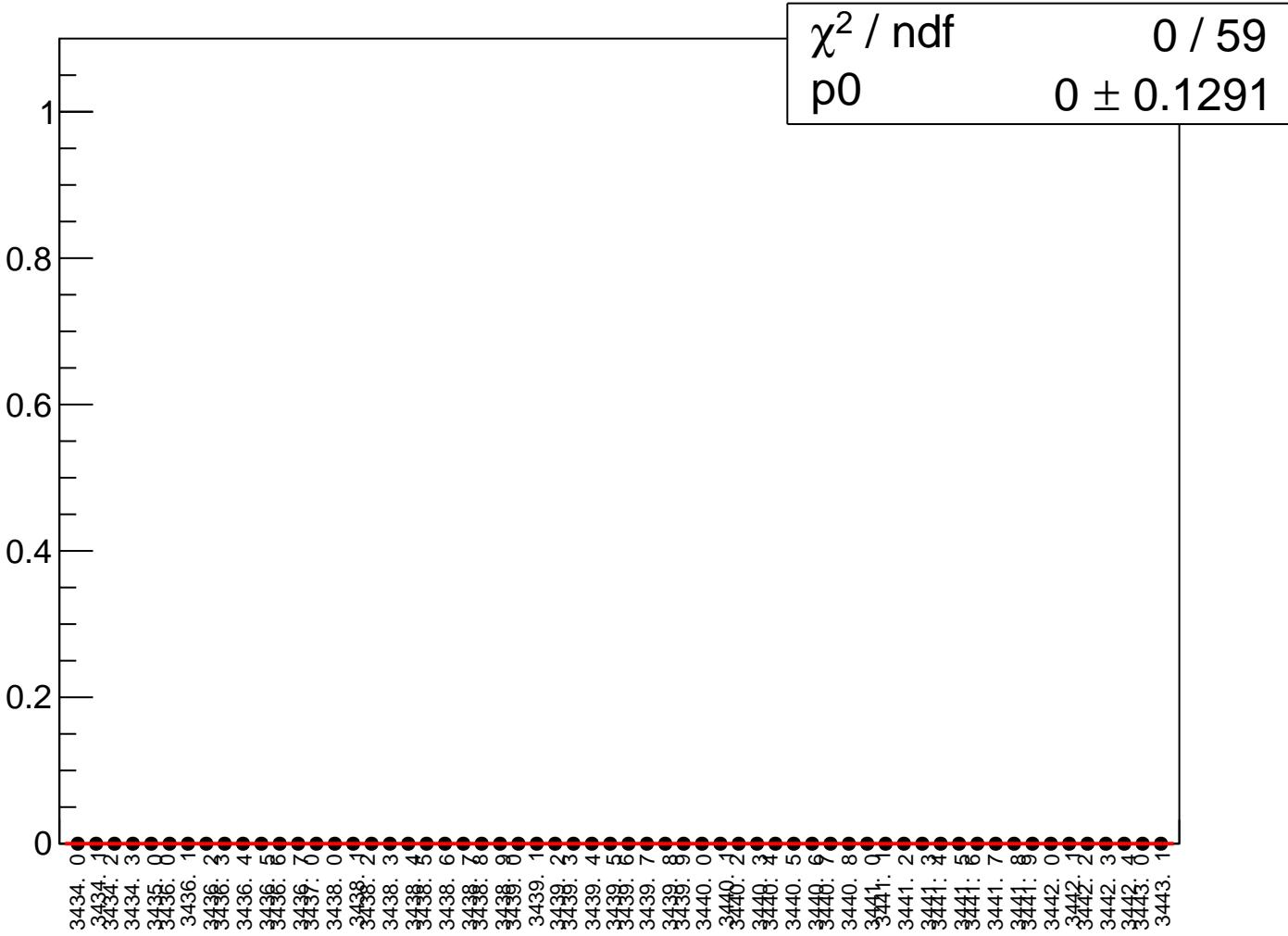
asym_bpm0l01WS_rms vs run



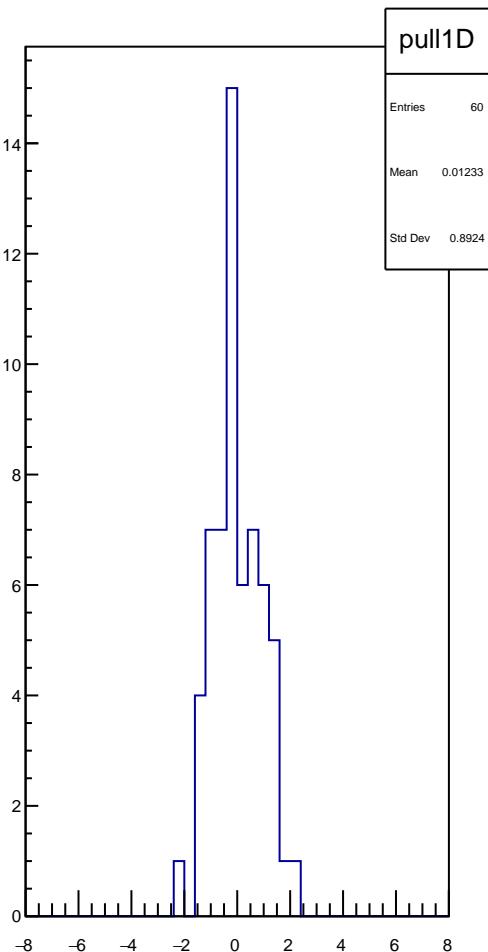
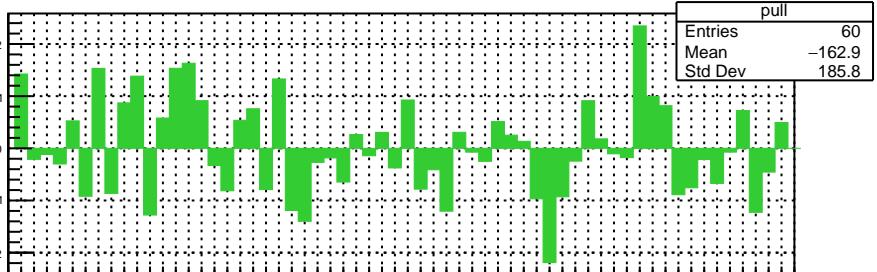
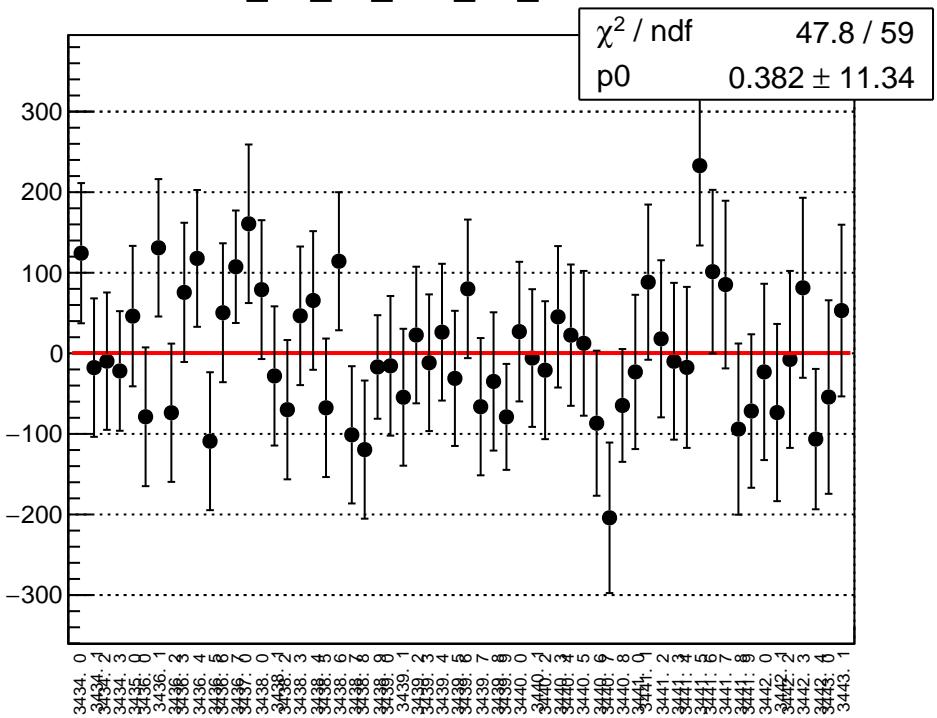
bcm_an_us_ds_avg_mean vs run



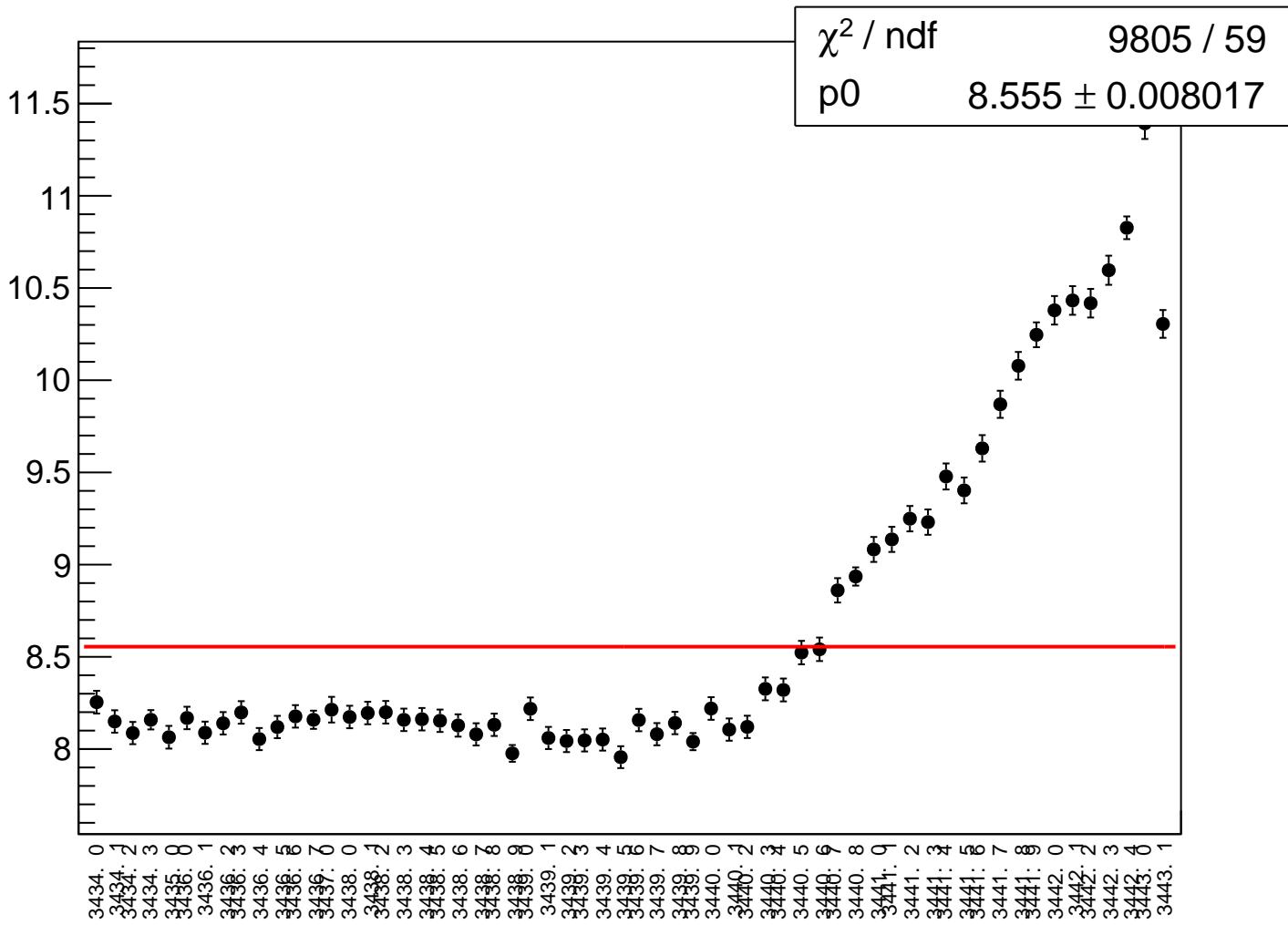
bcm_an_us_ds_avg_rms vs run



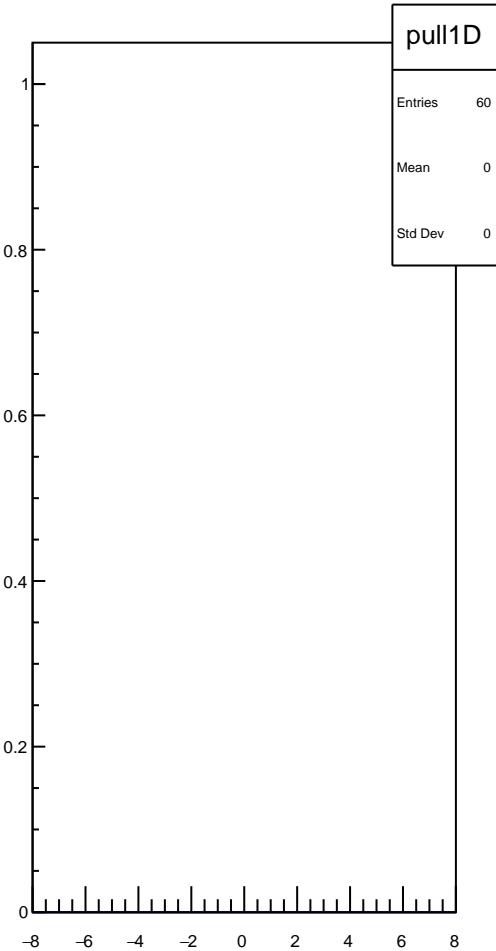
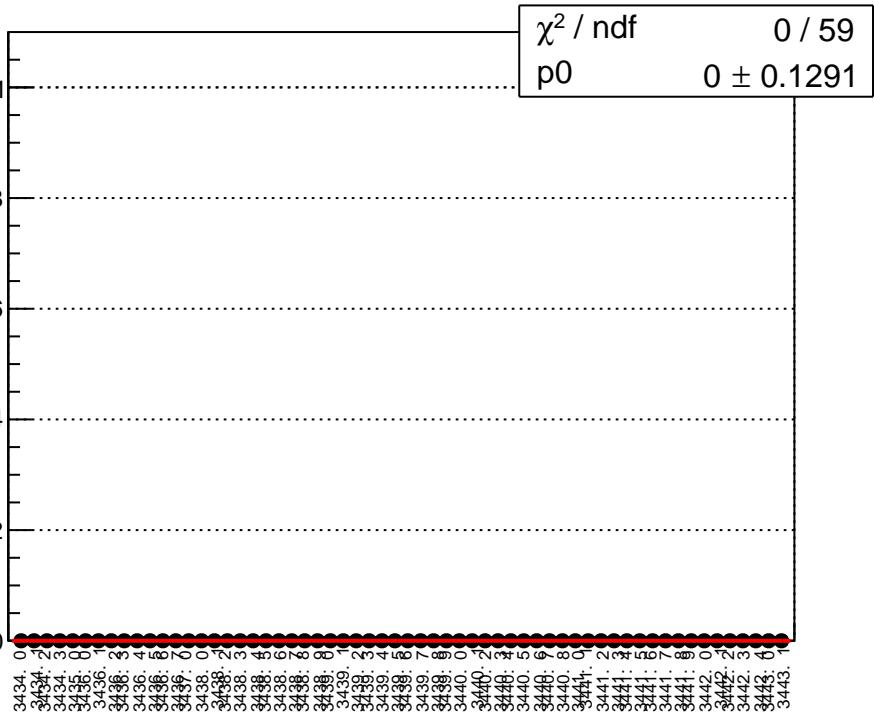
bcm_an_us_ds3_dd_mean vs run



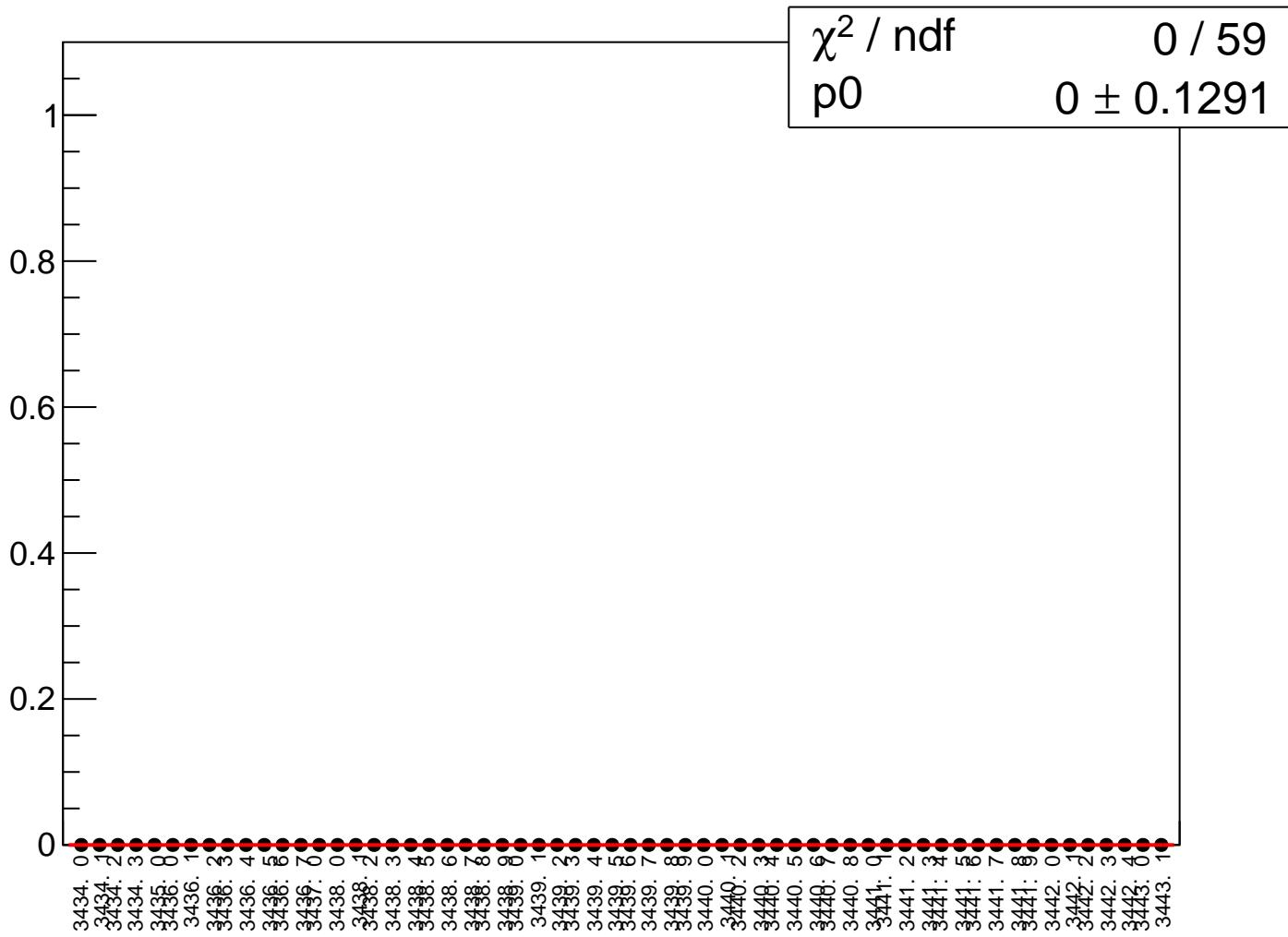
bcm_an_us_ds3_dd_rms vs run



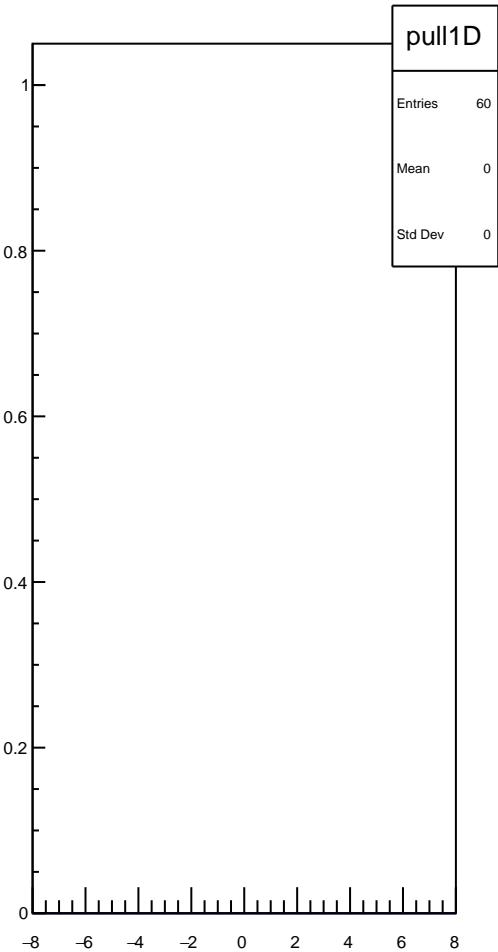
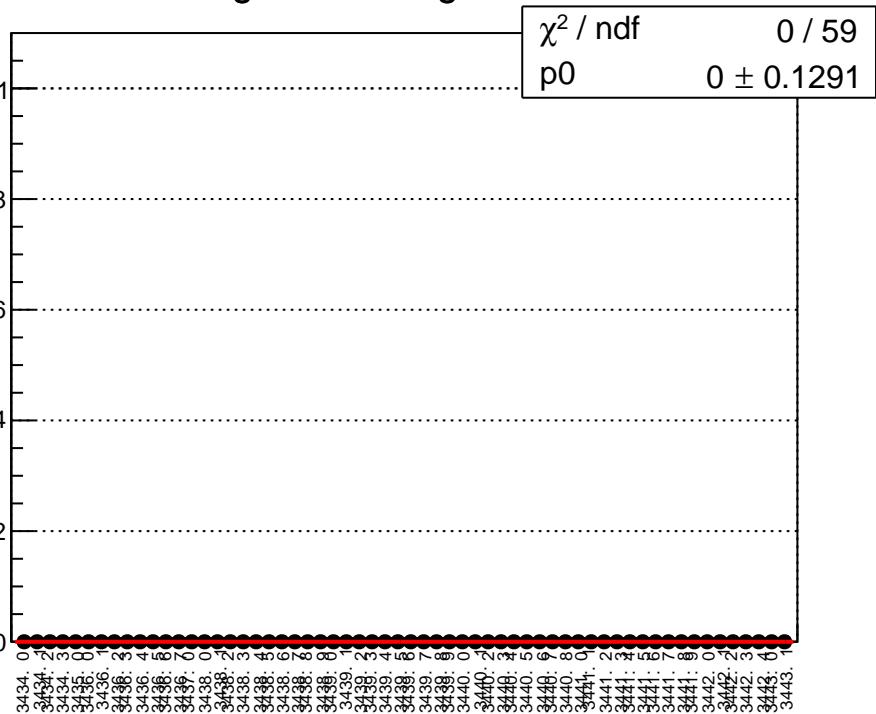
bcm_an_ds_ds3_dd_mean vs run



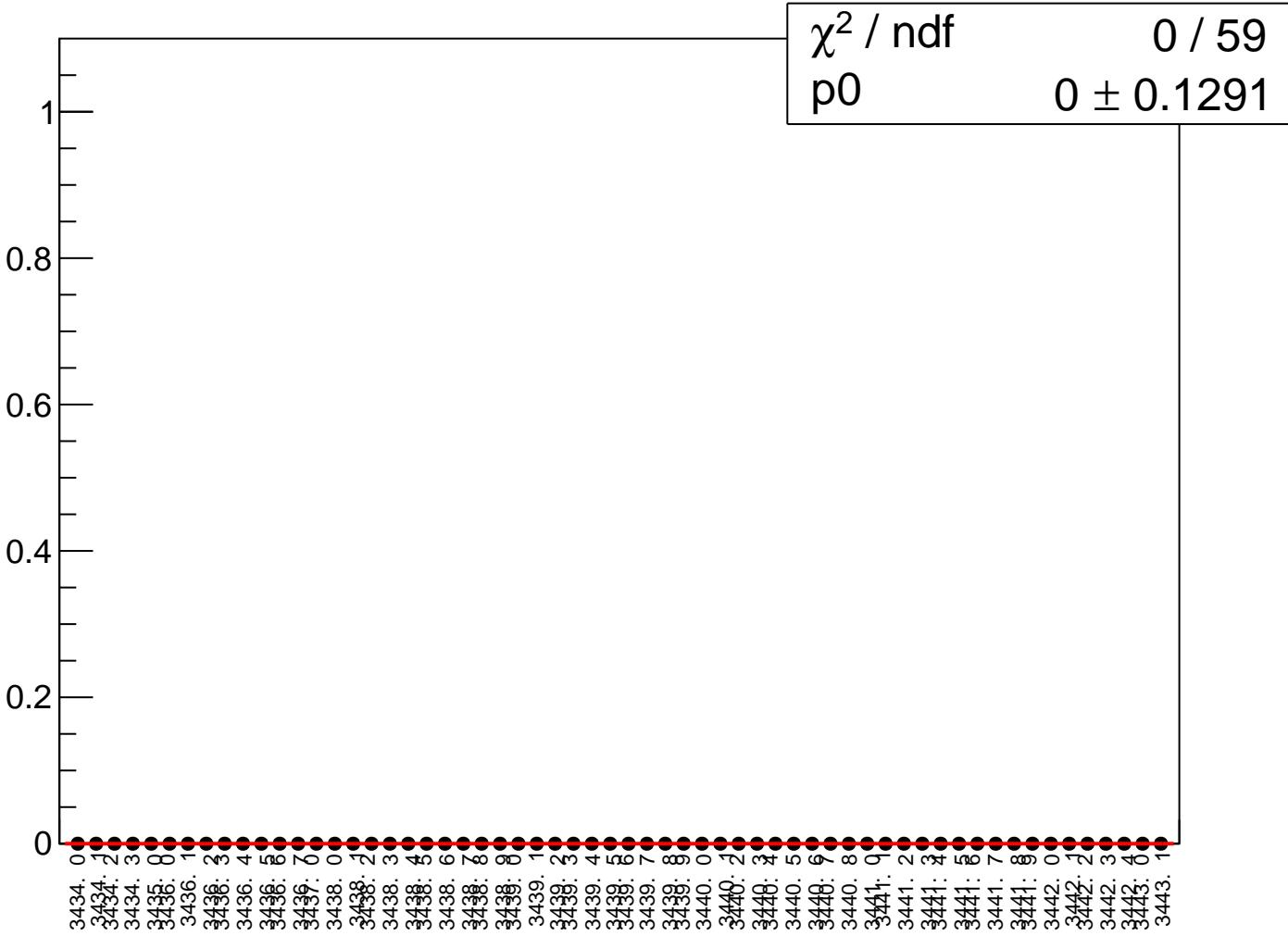
bcm_an_ds_ds3_dd_rms vs run



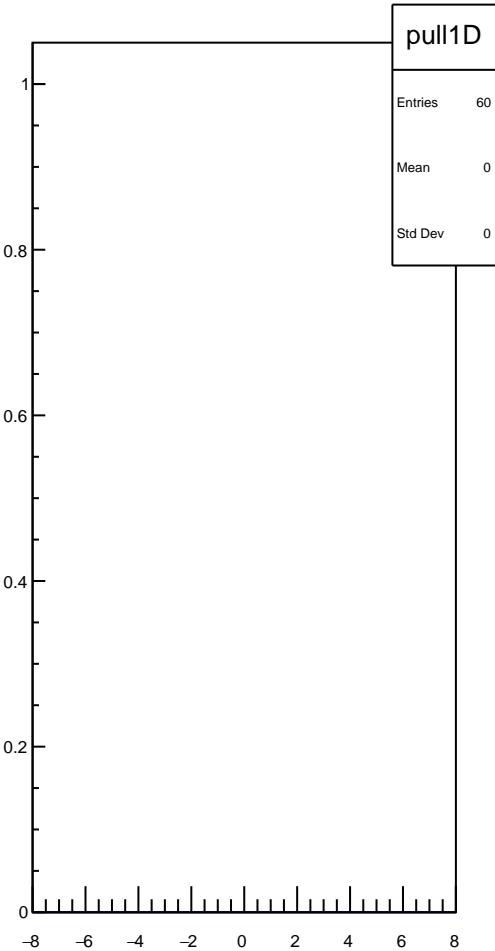
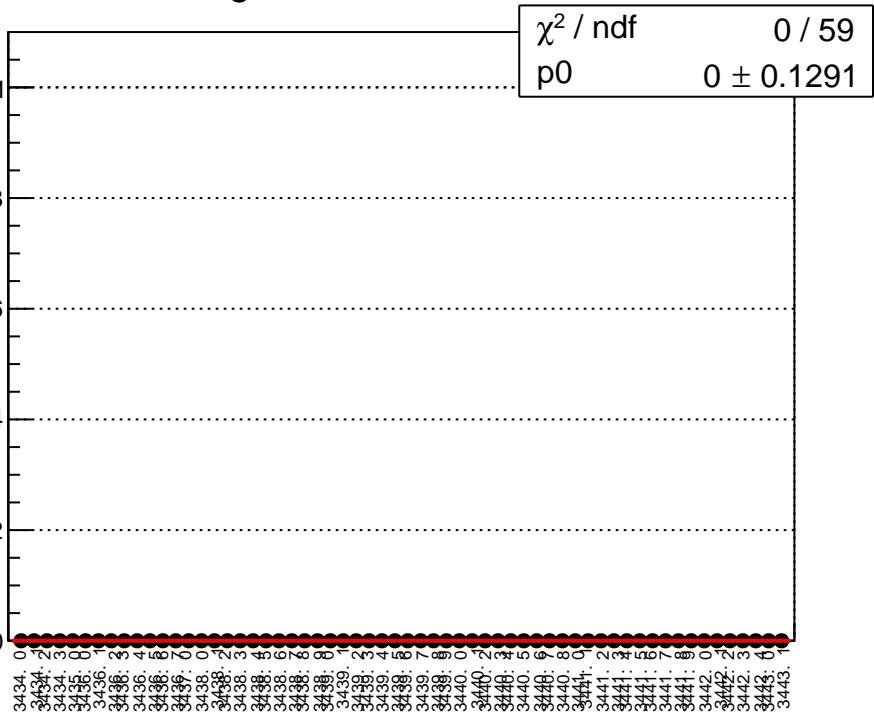
bcm_dg_us_ds_avg_mean vs run



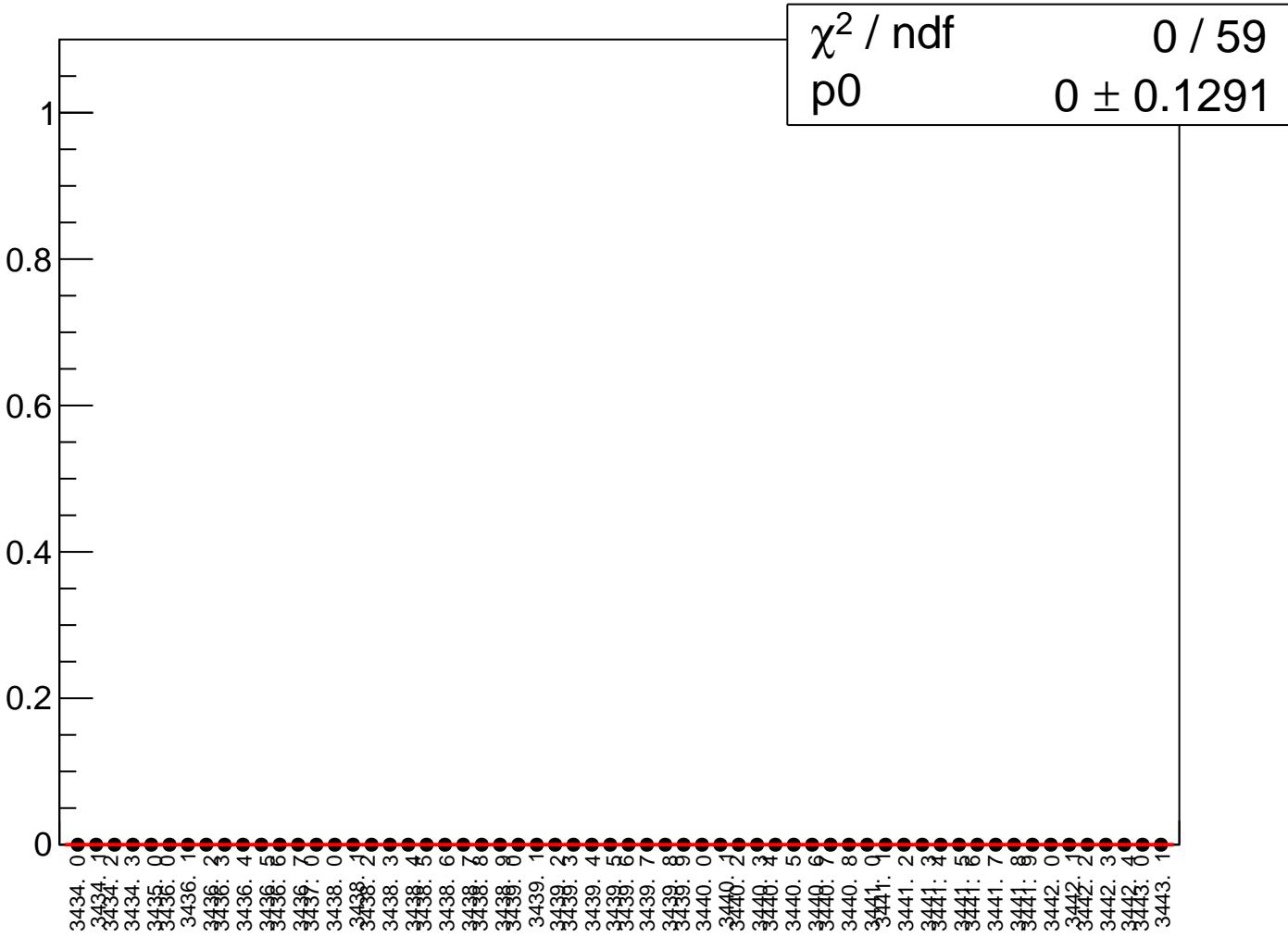
bcm_dg_us_ds_avg_rms vs run



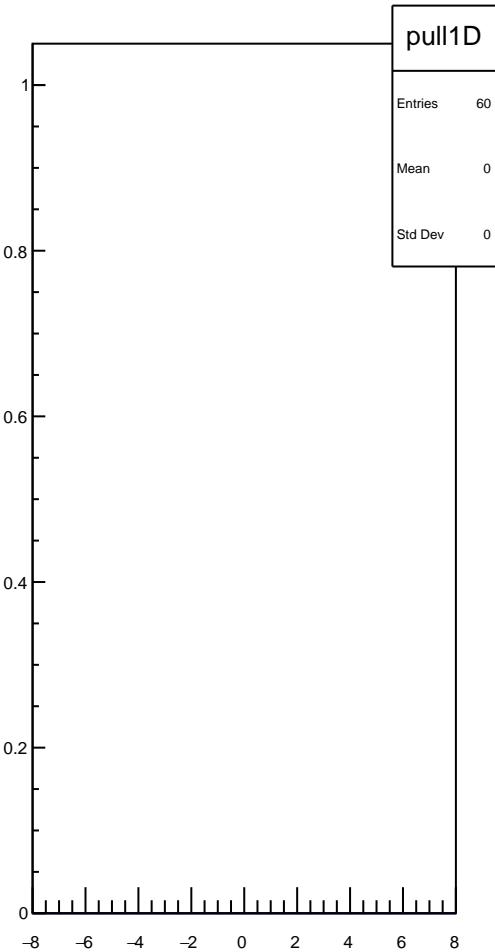
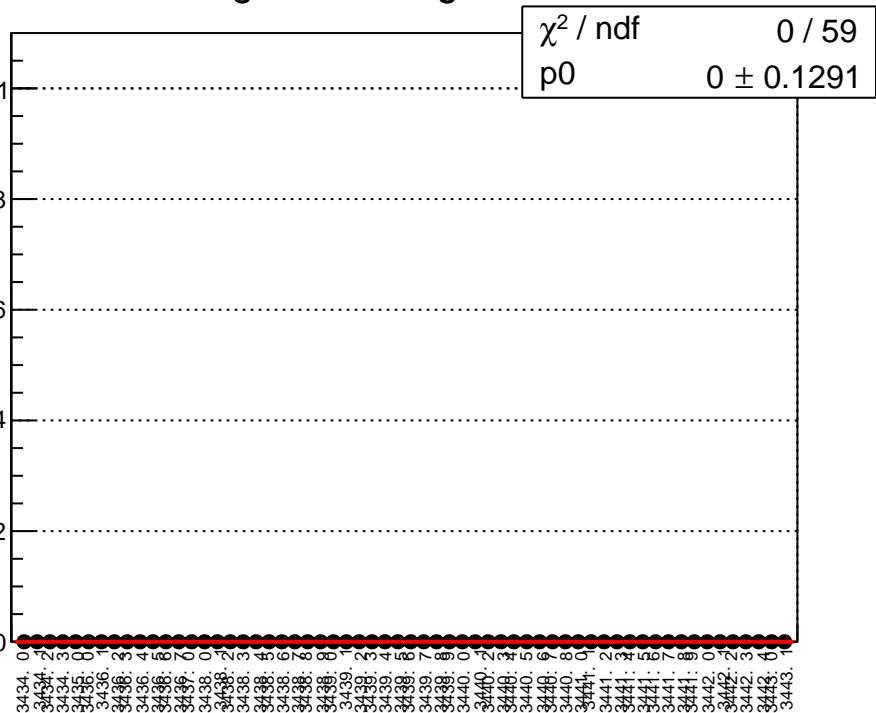
bcm_dg_us_ds3_dd_mean vs run



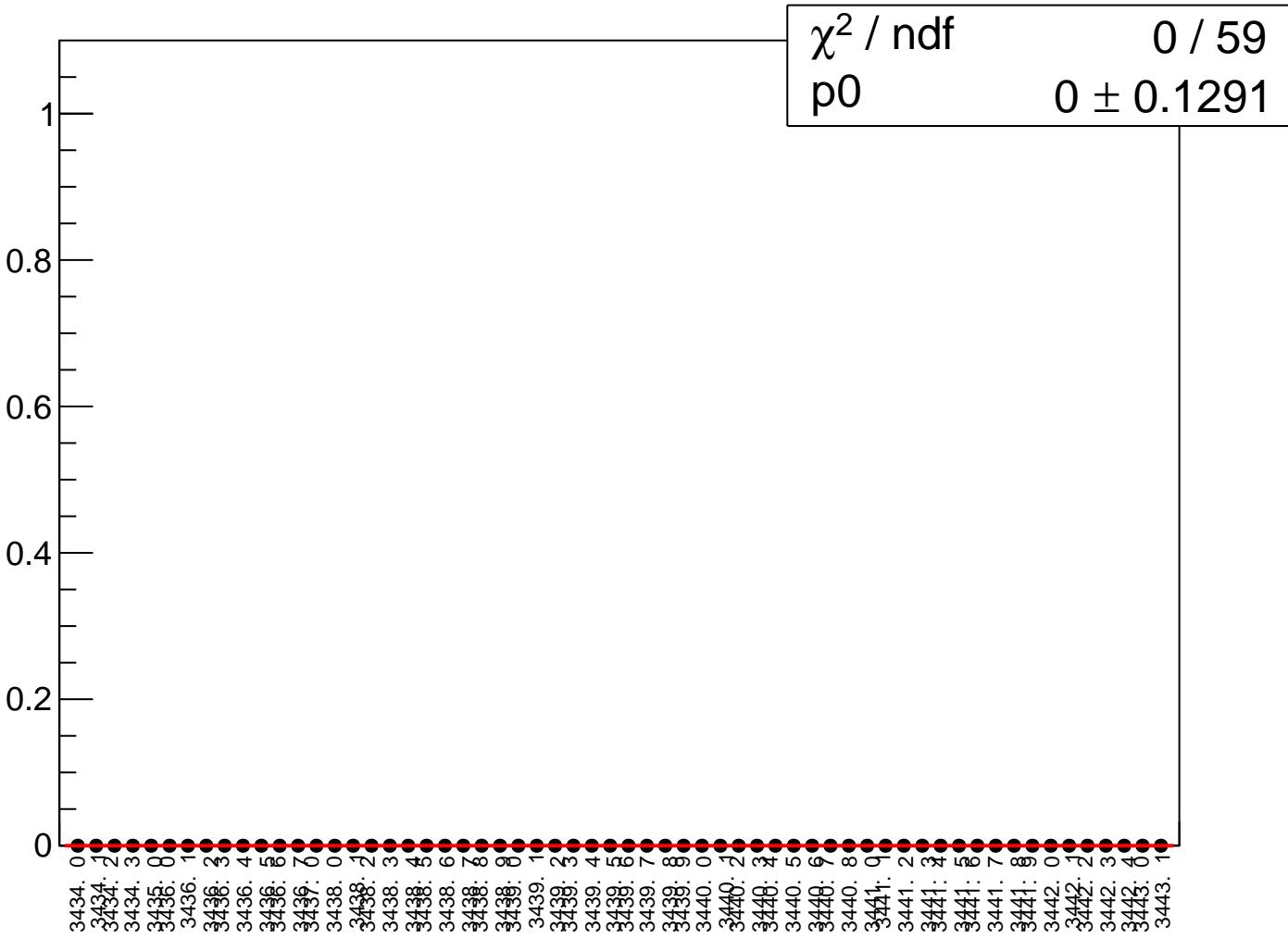
bcm_dg_us_ds3_dd_rms vs run



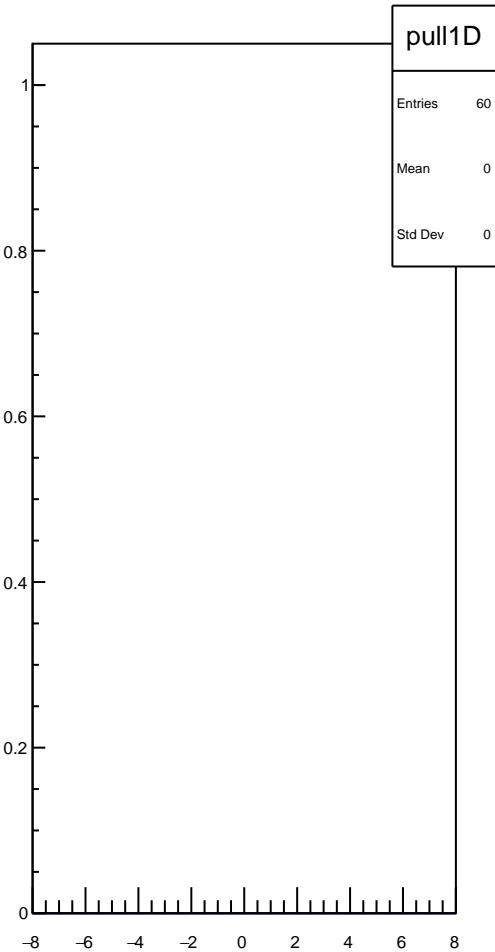
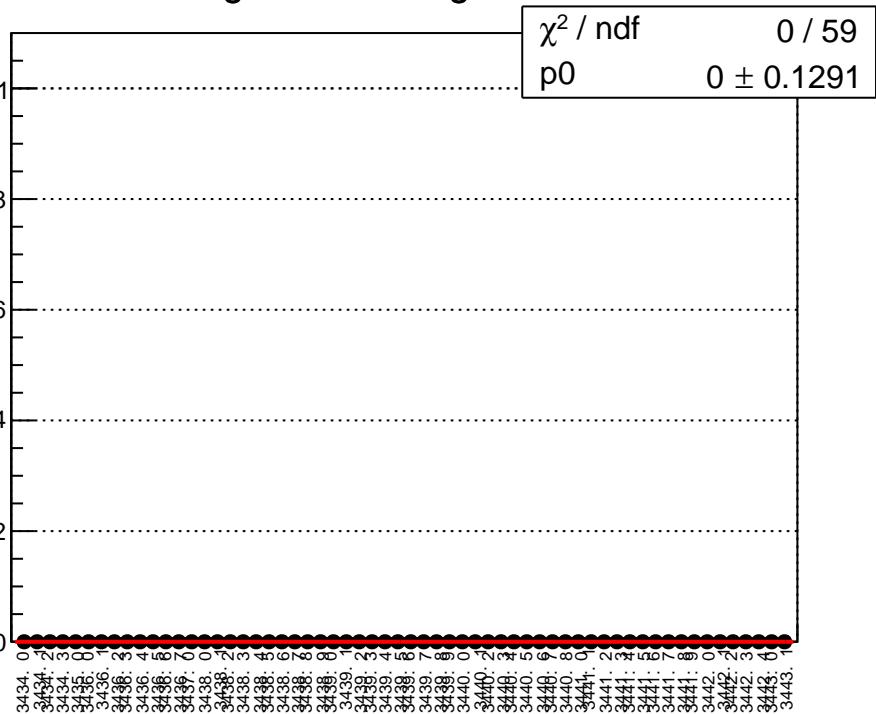
bcm_dg_ds_ds_avg_mean vs run



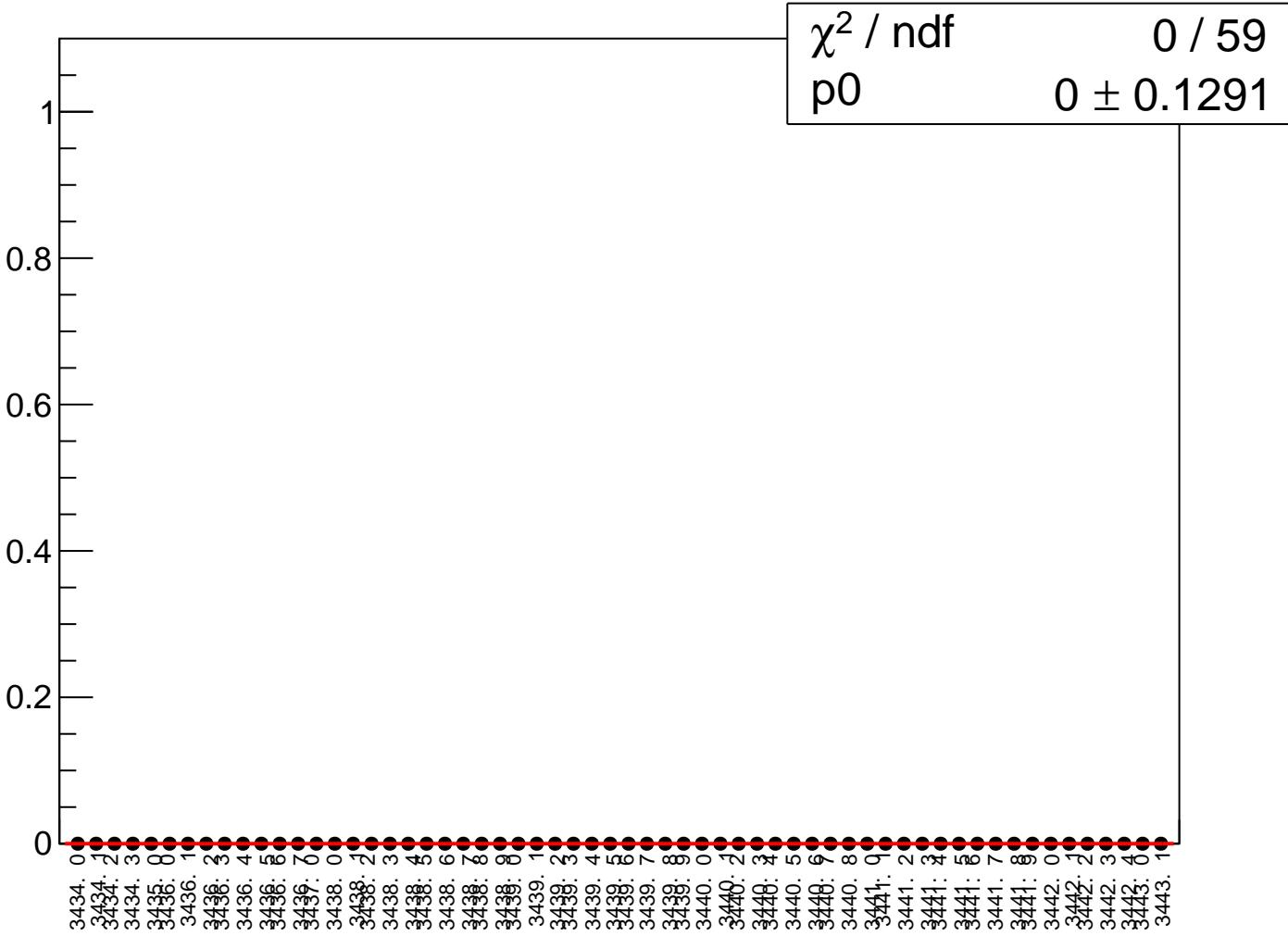
bcm_dg_ds_ds_avg_rms vs run



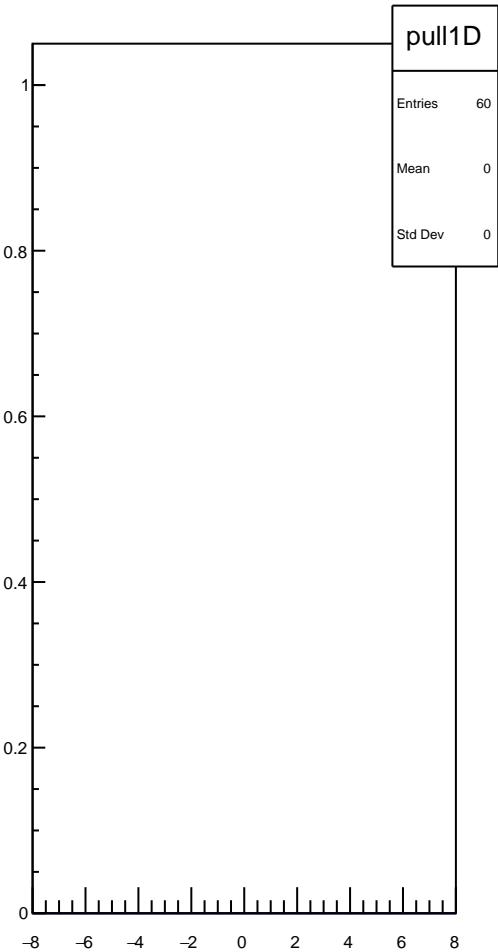
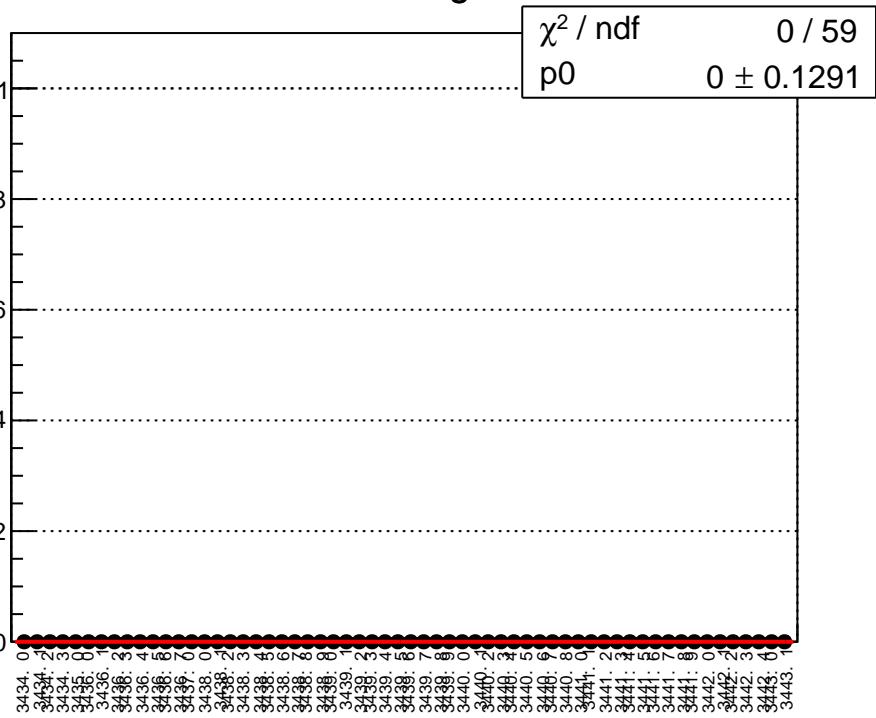
bcm_dg_ds_ds3_avg_mean vs run



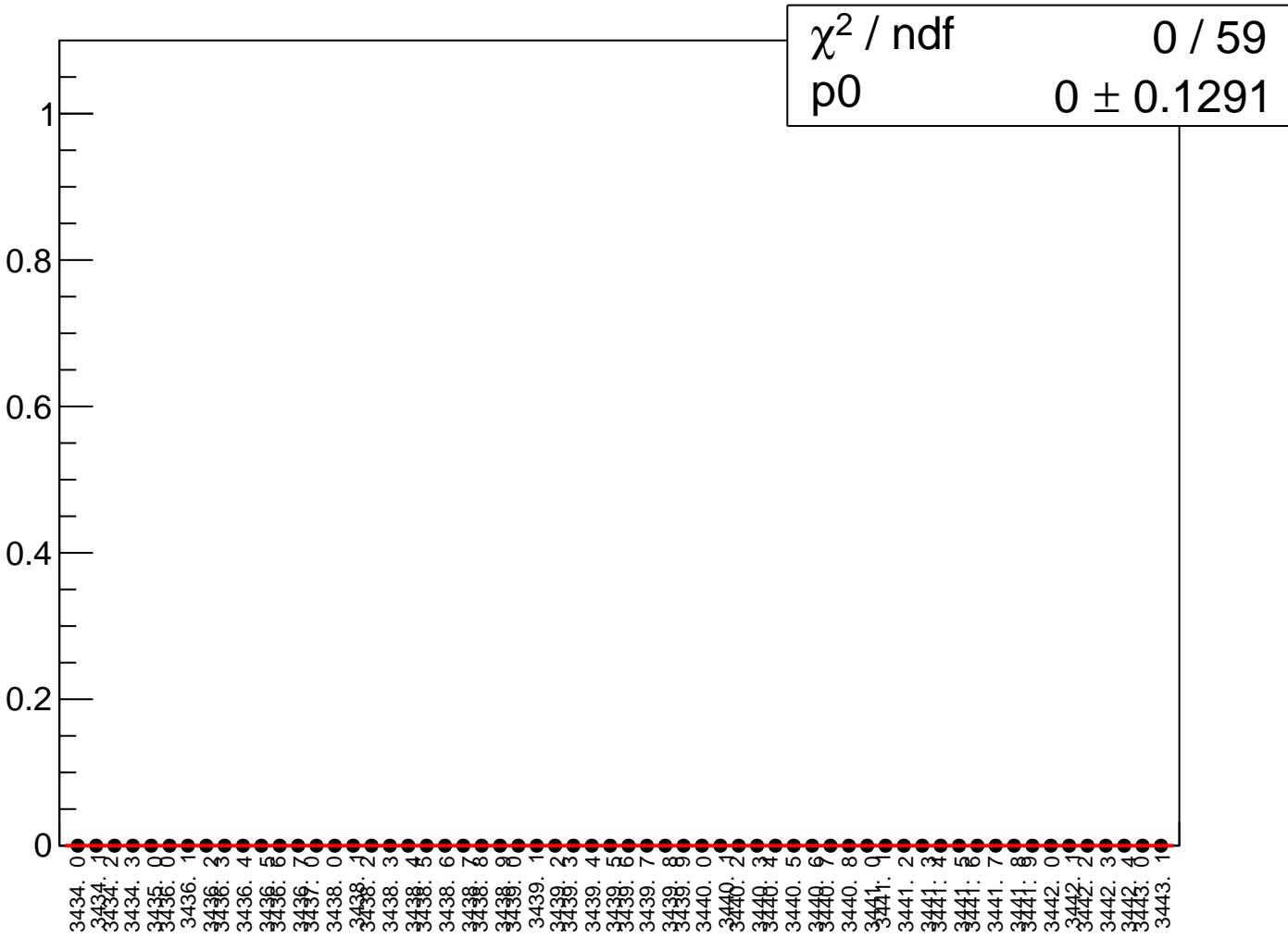
bcm_dg_ds_ds3_avg_rms vs run



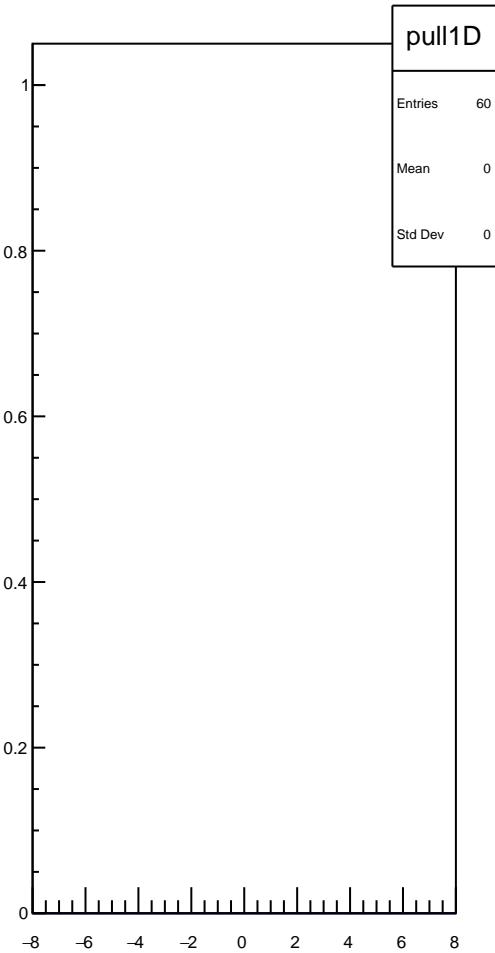
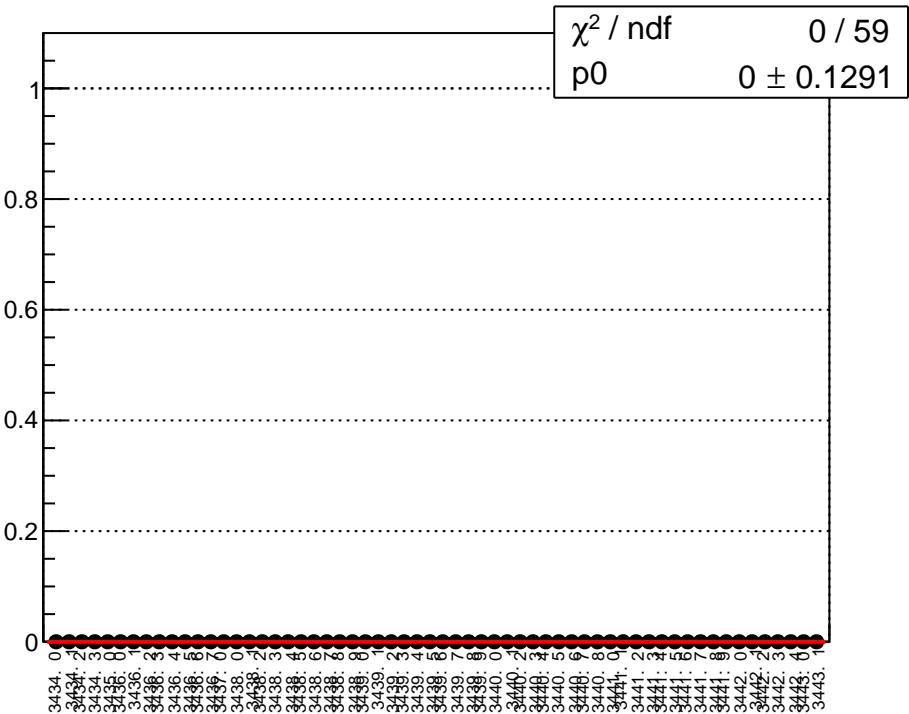
bcm_cav4cQ_ds_avg_mean vs run



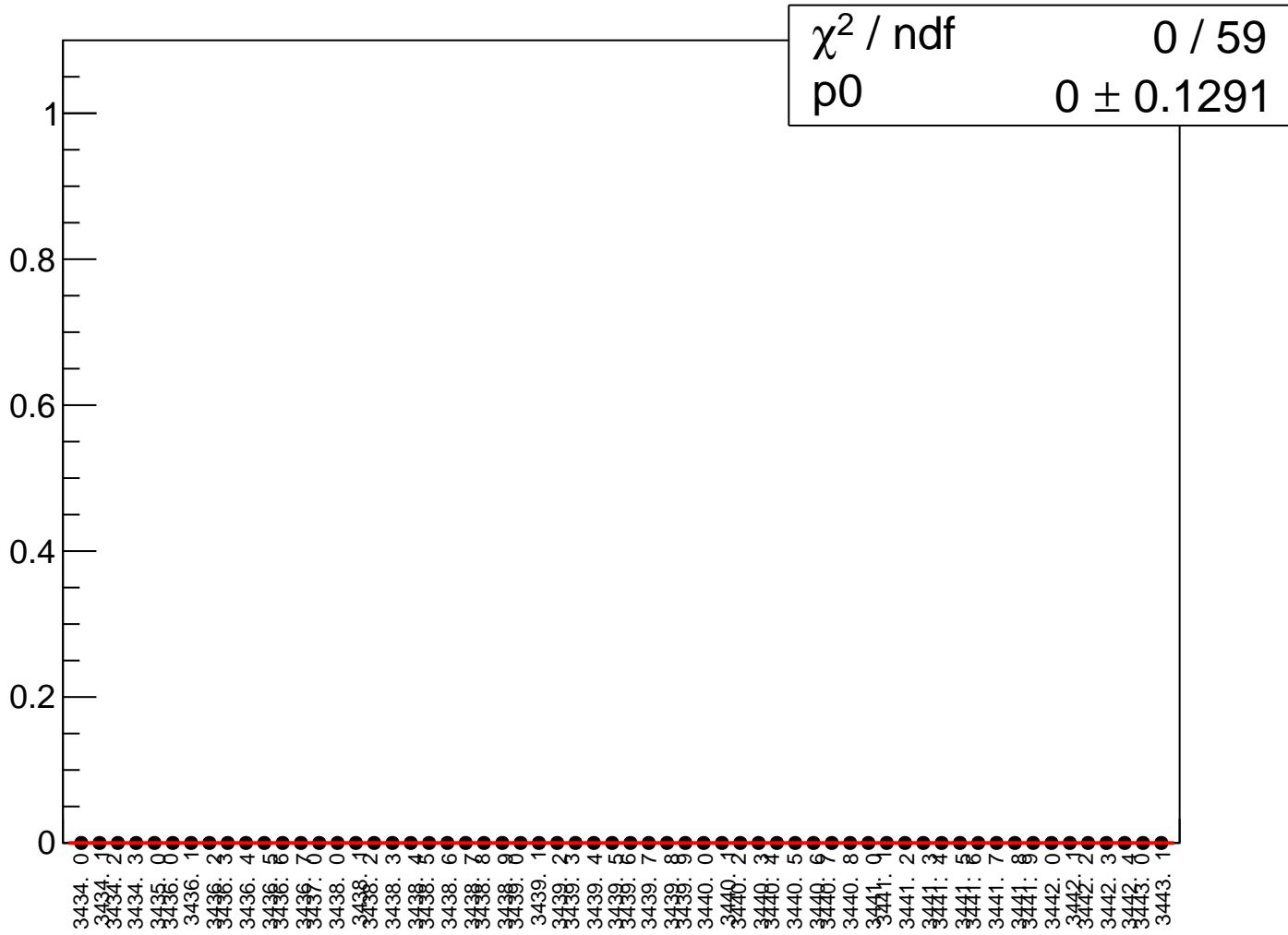
bcm_cav4cQ_ds_avg_rms vs run



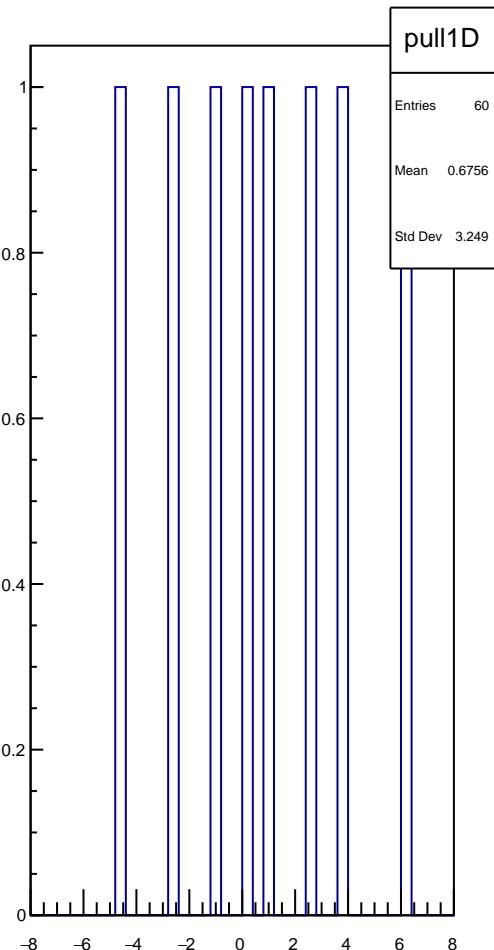
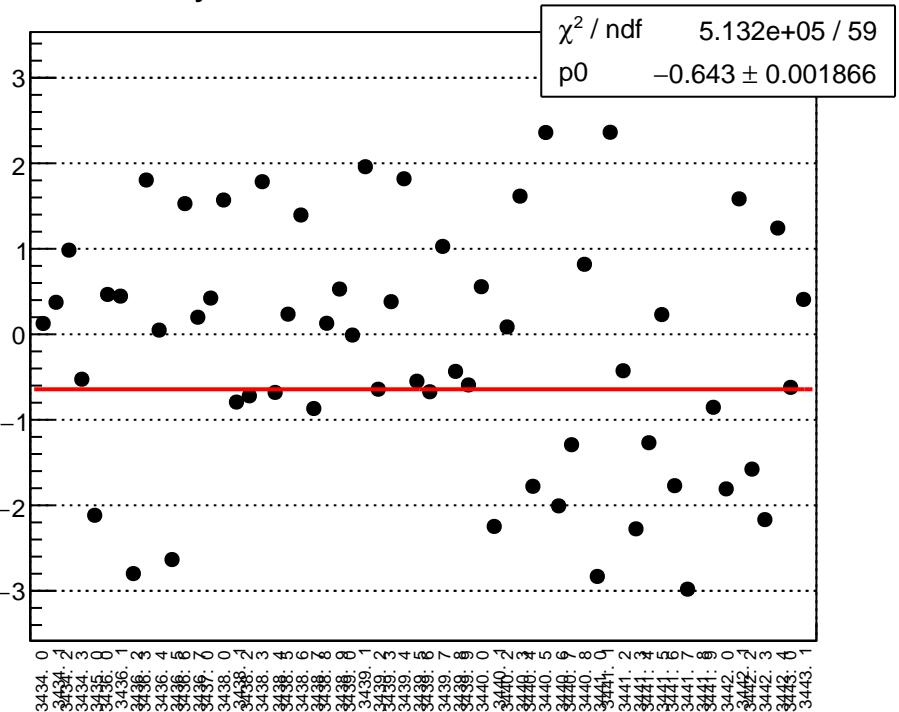
bcm_cav4cQ_ds3_dd_mean vs run



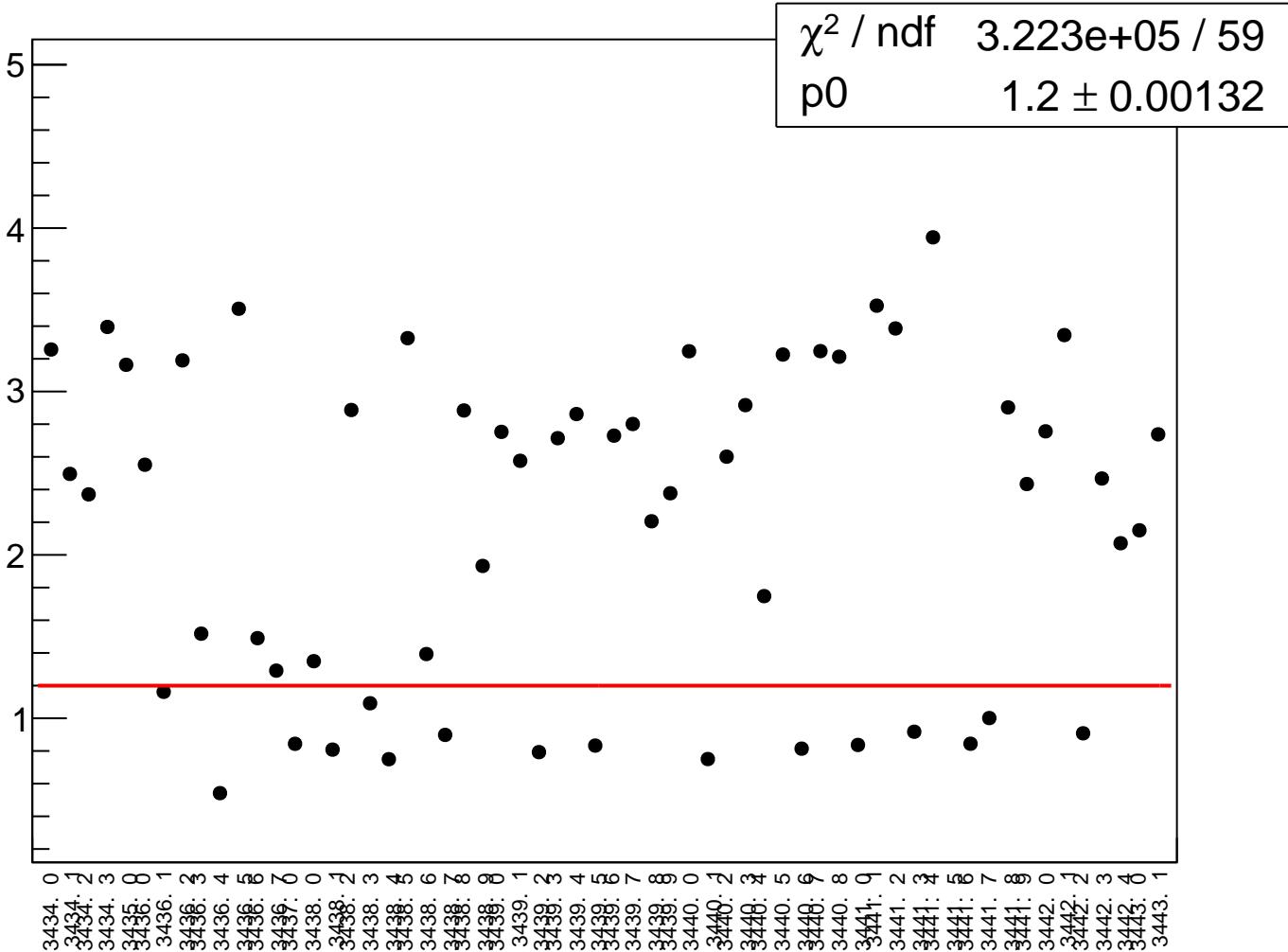
bcm_cav4cQ_ds3_dd_rms vs run



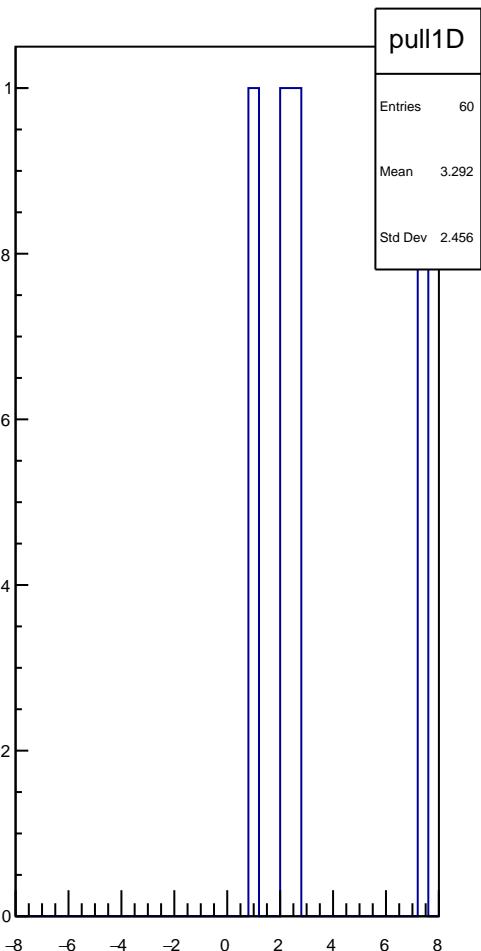
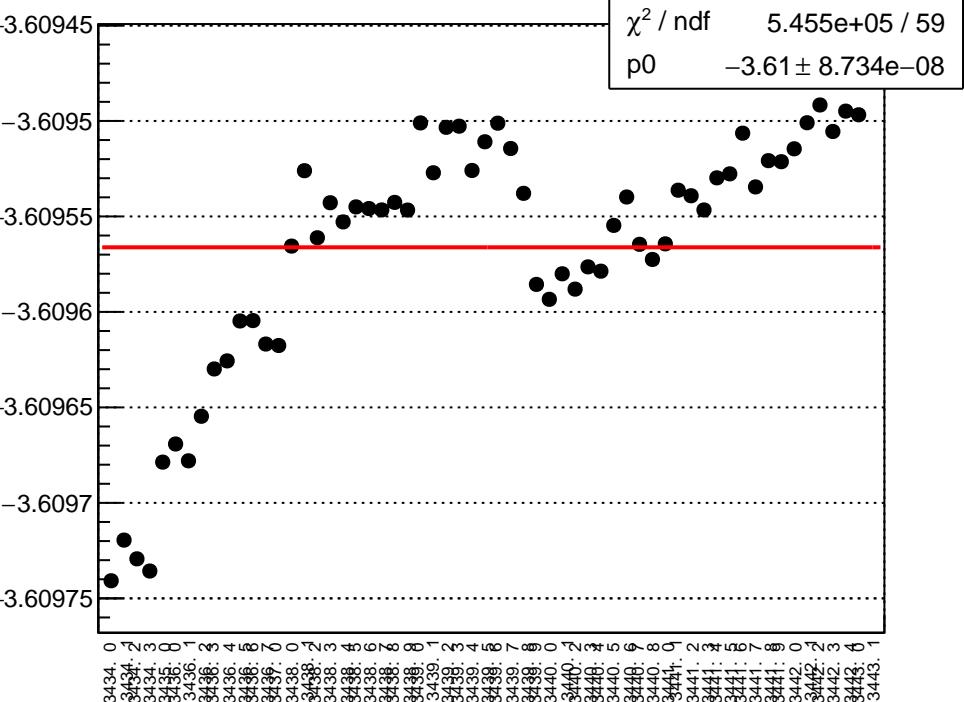
yield_cav4bX_mean vs run



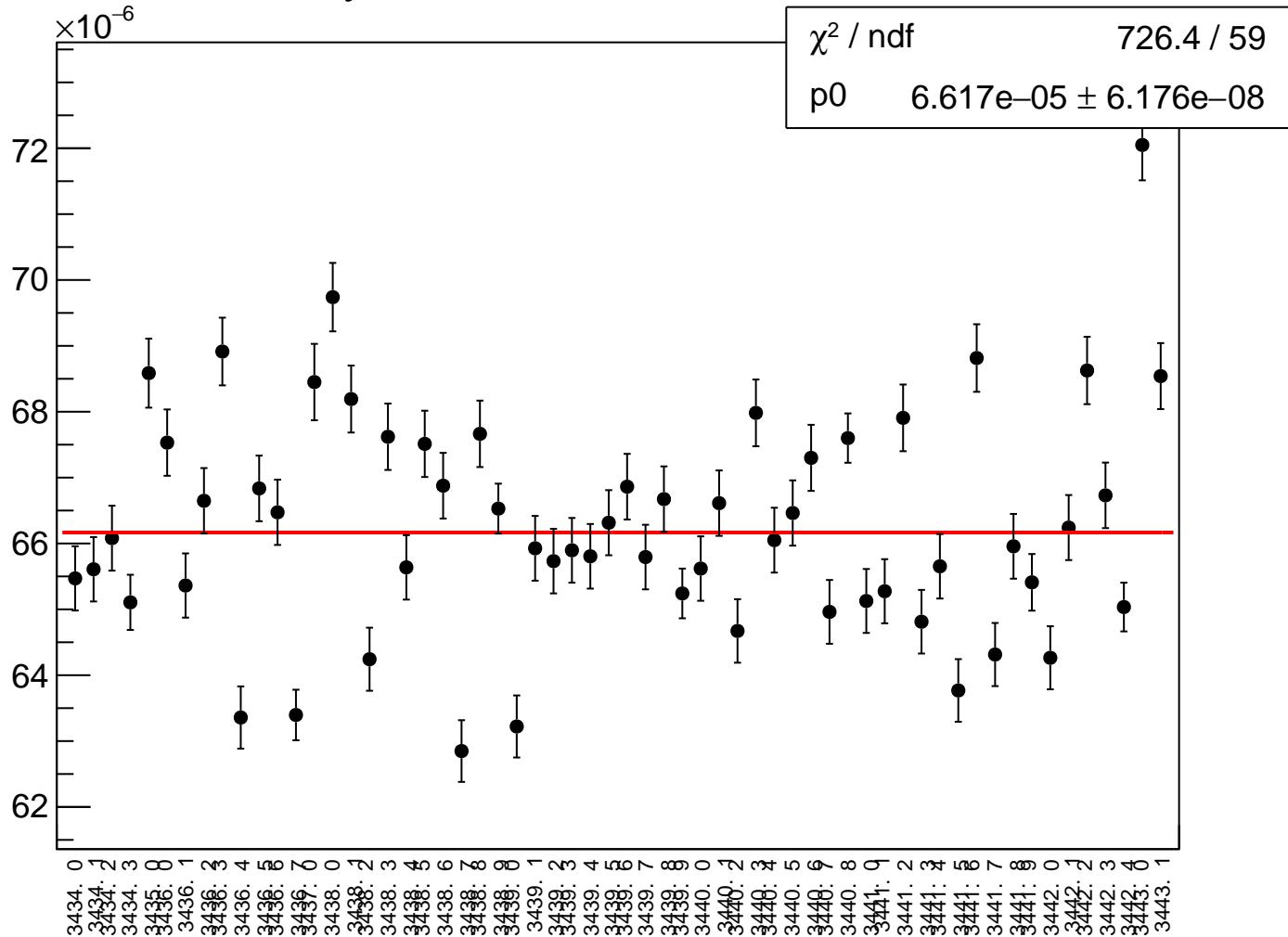
yield_cav4bX_rms vs run



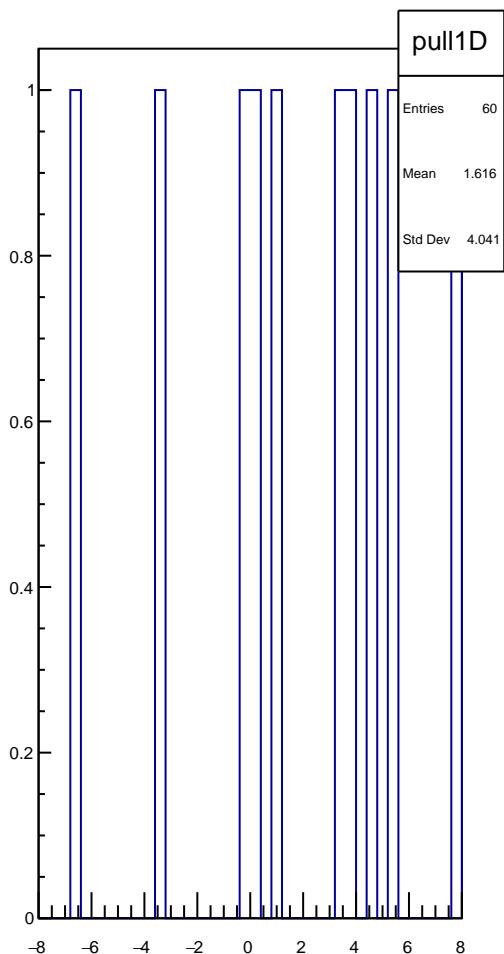
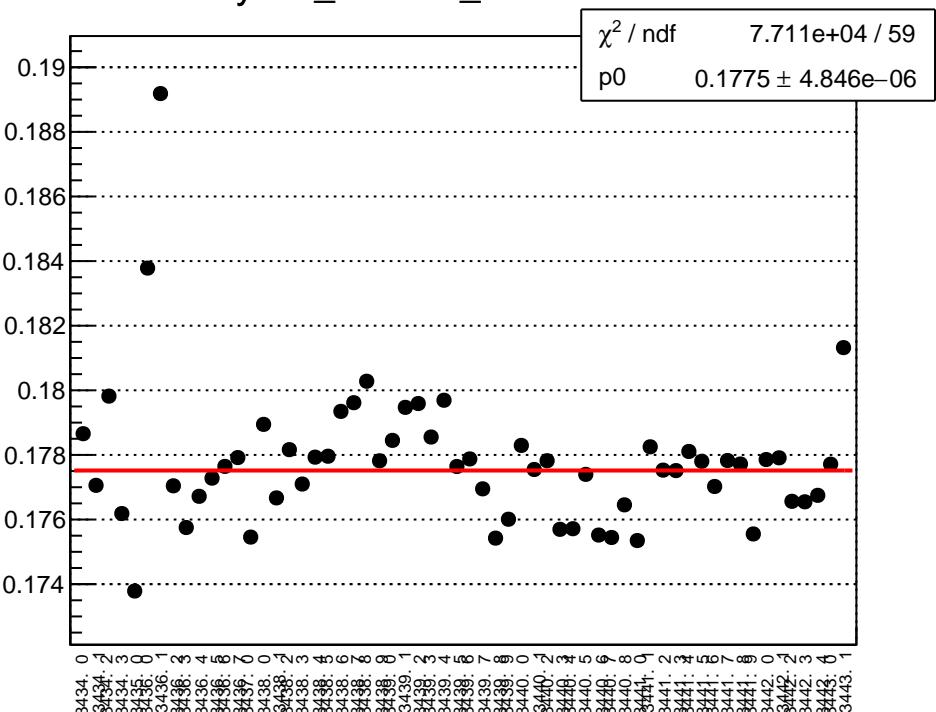
yield_cav4bY_mean vs run



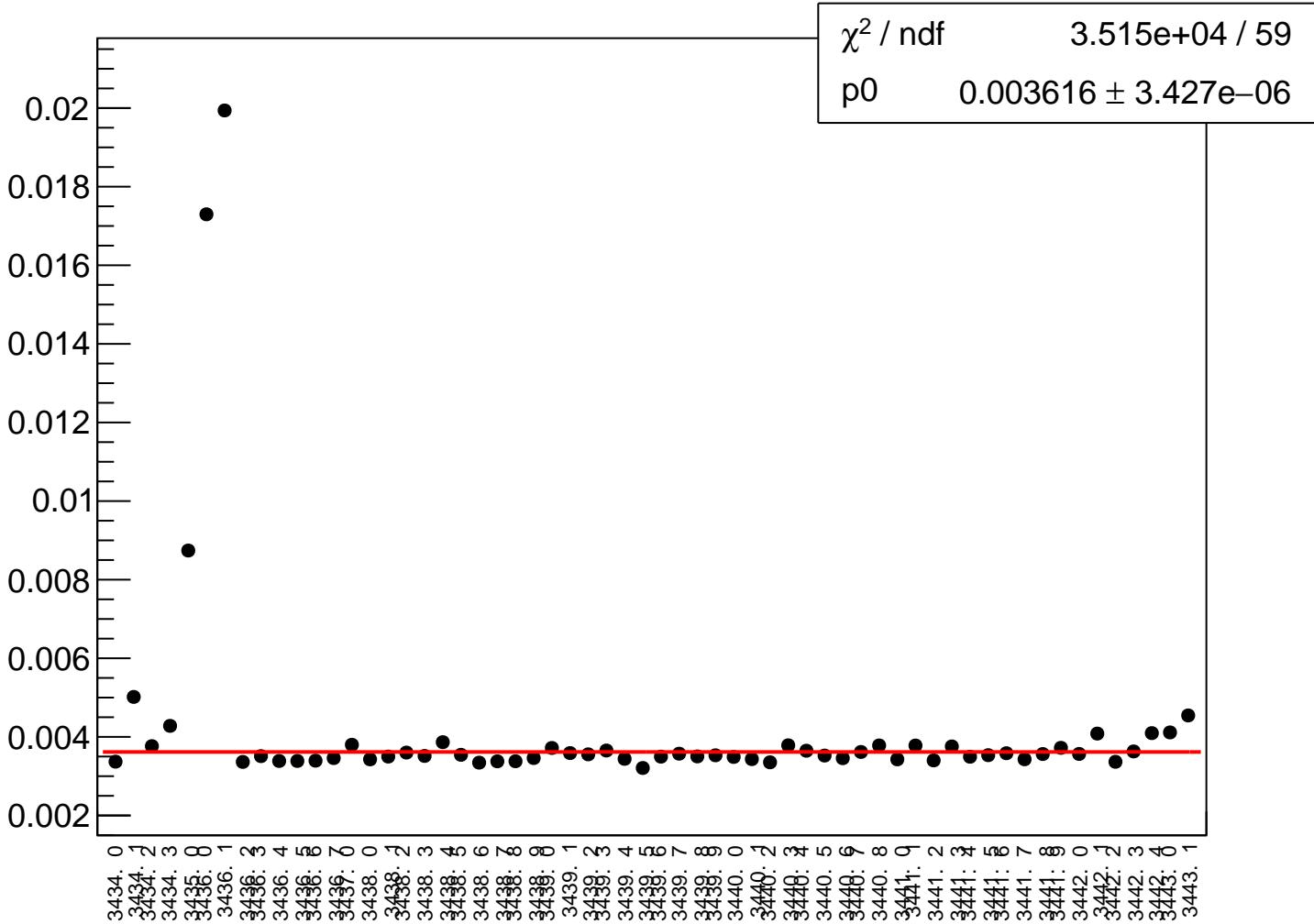
yield_cav4bY_rms vs run



yield_cav4cX_mean vs run

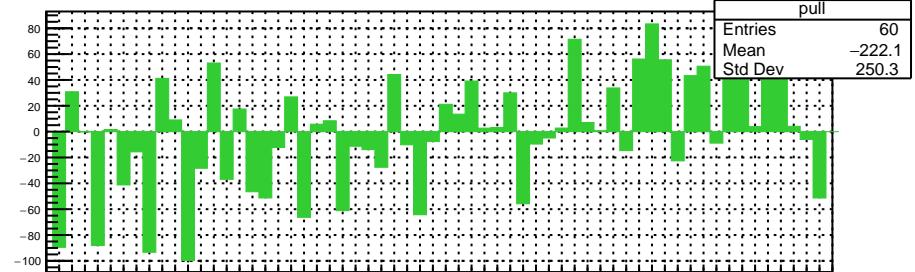
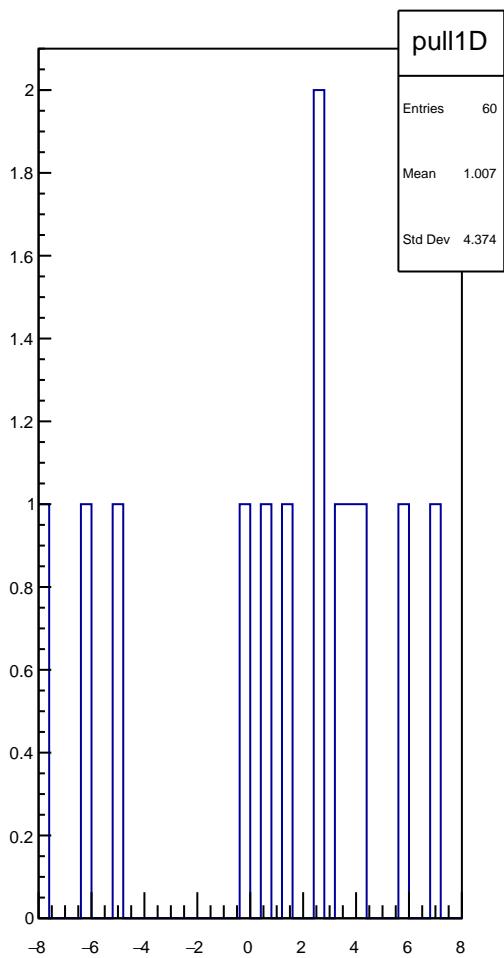
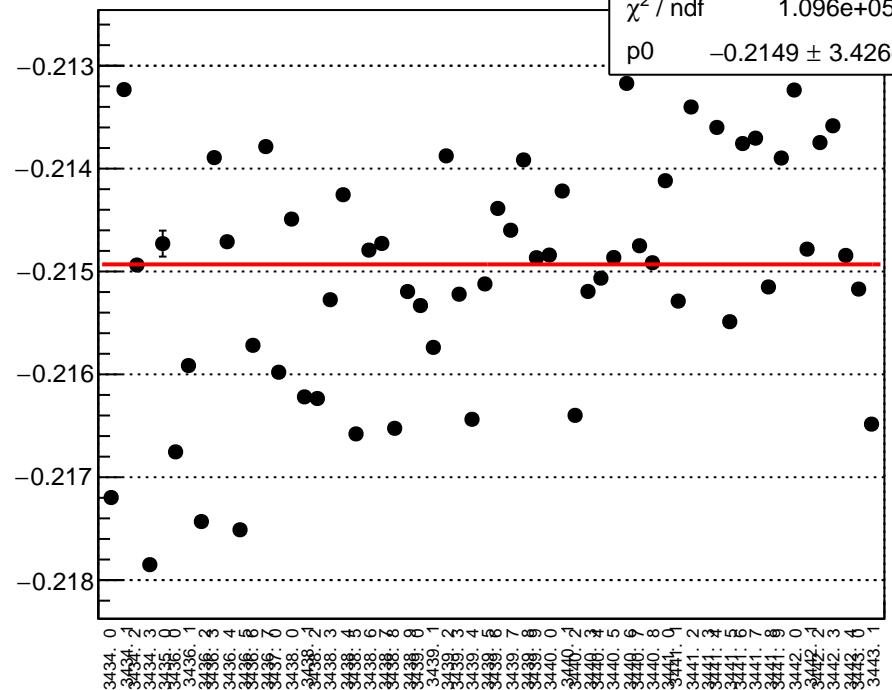


yield_cav4cX_rms vs run

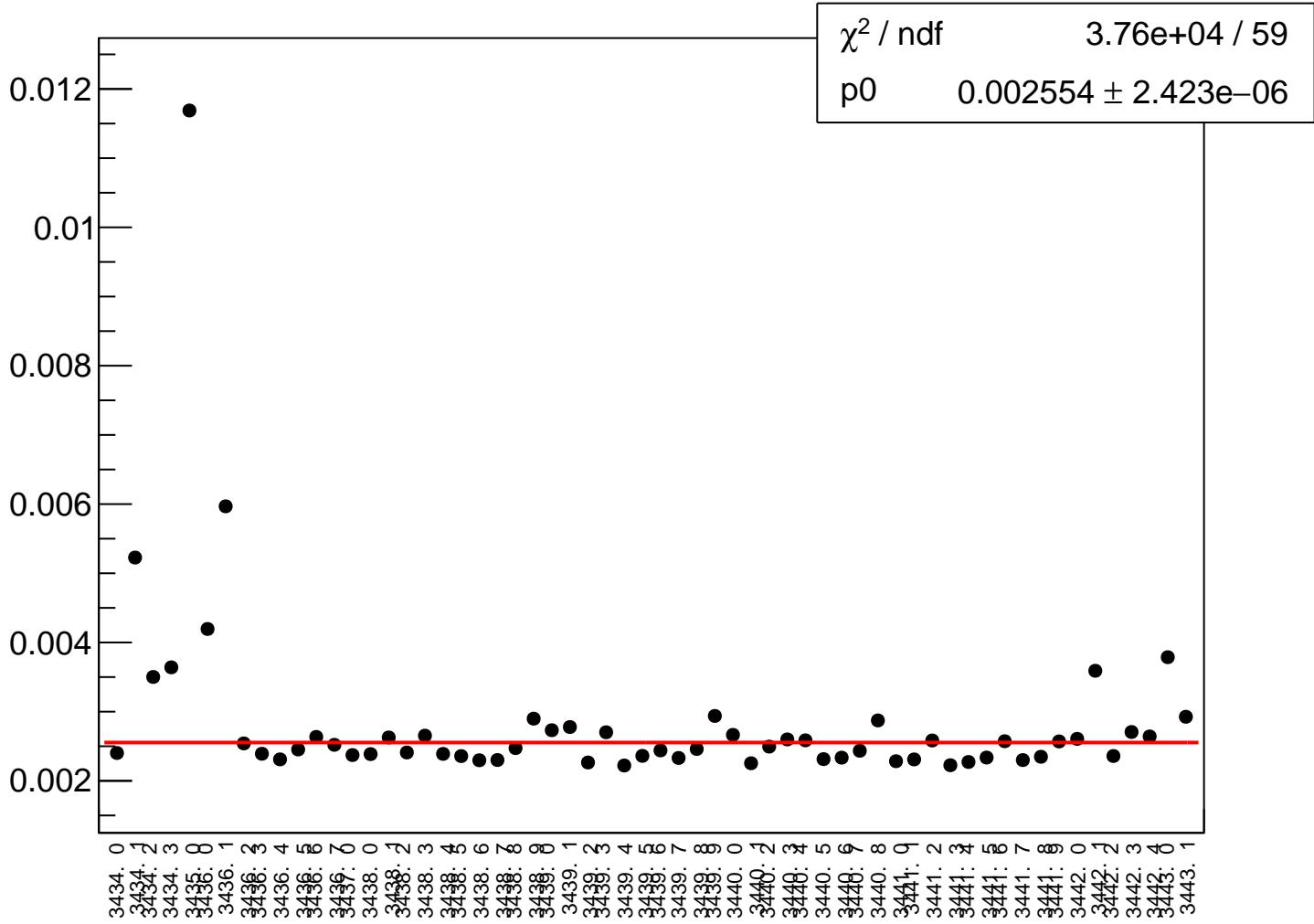


yield_cav4cY_mean vs run

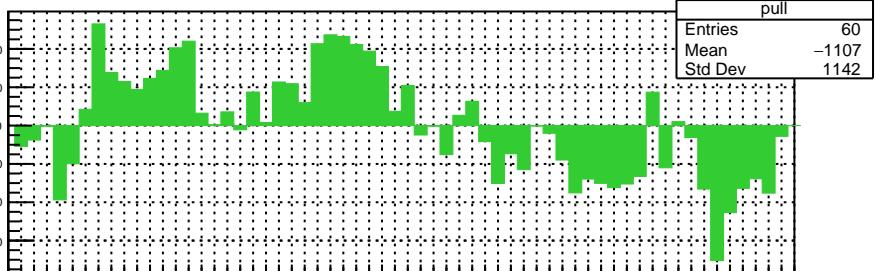
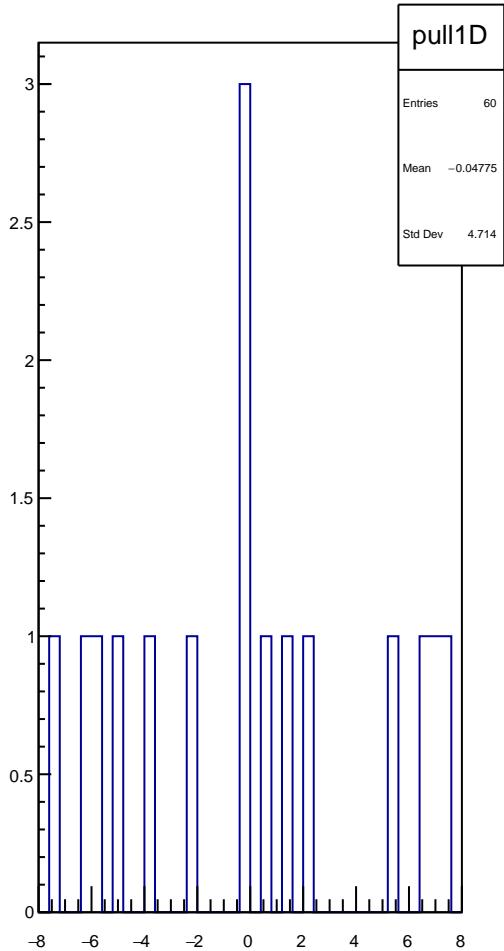
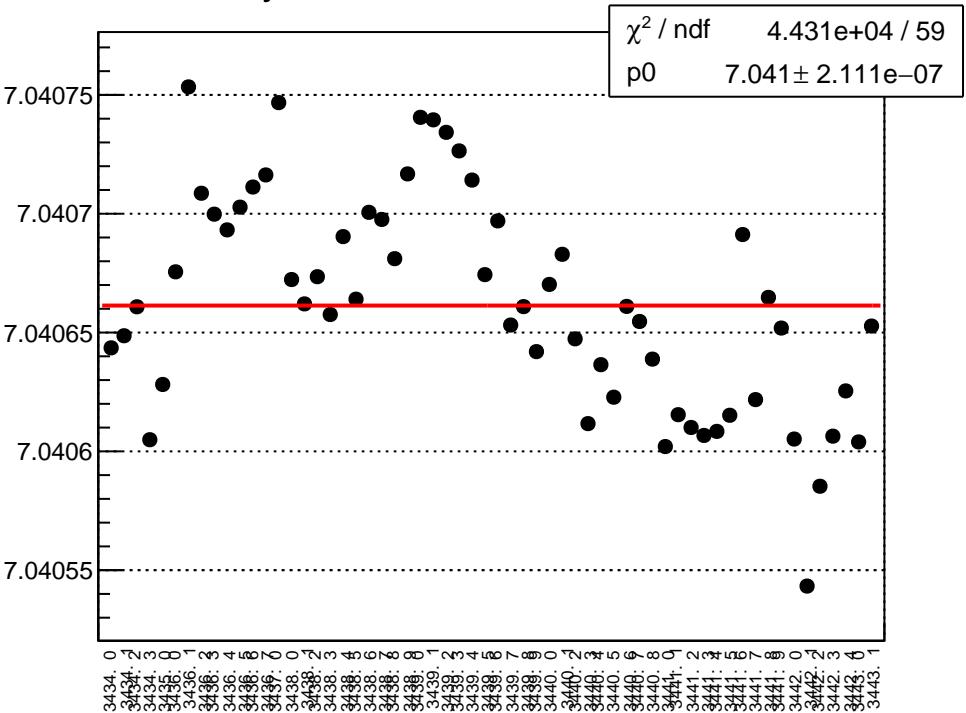
χ^2 / ndf 1.096e+05 / 59
 p_0 $-0.2149 \pm 3.426\text{e}{-06}$



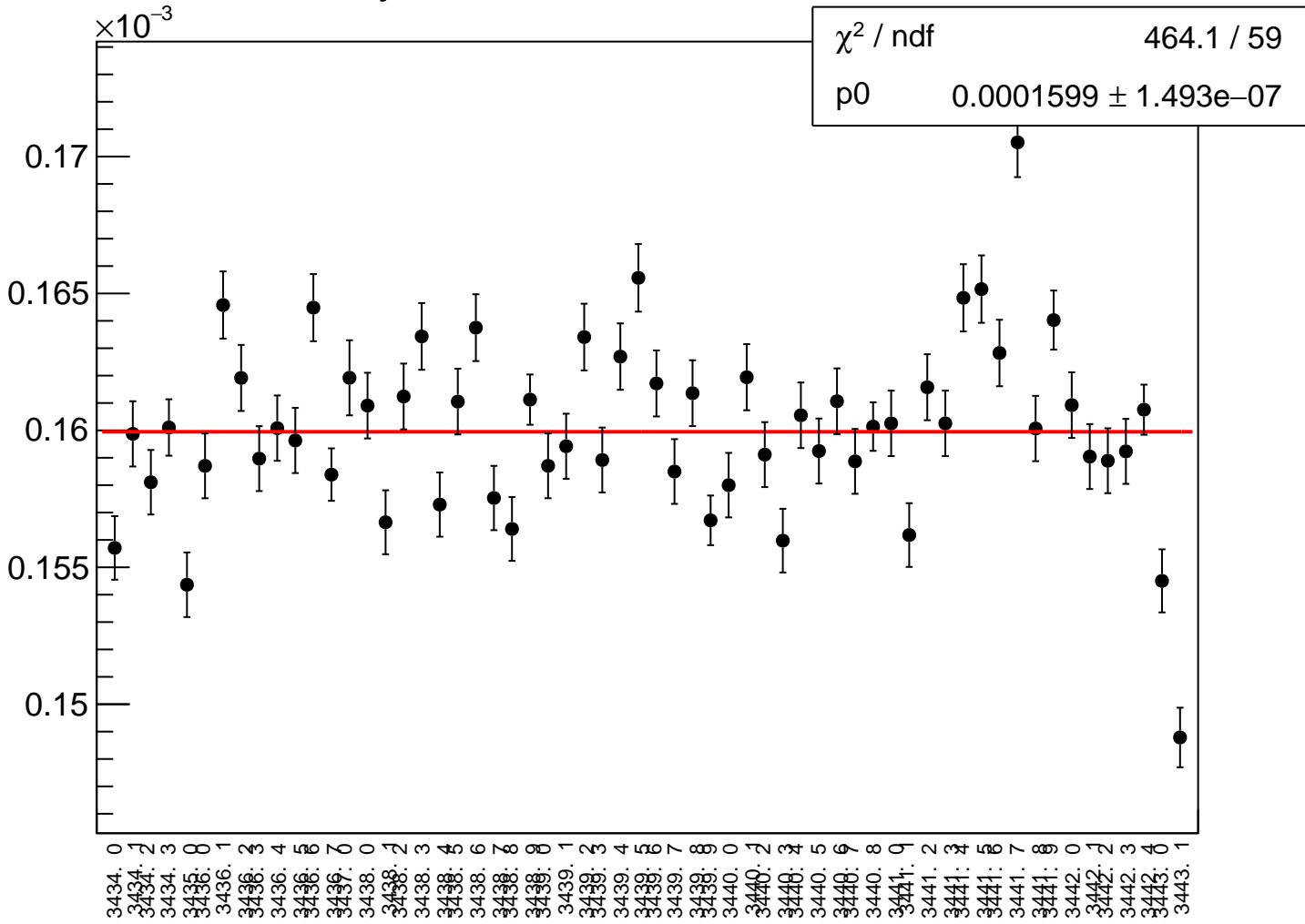
yield_cav4cY_rms vs run



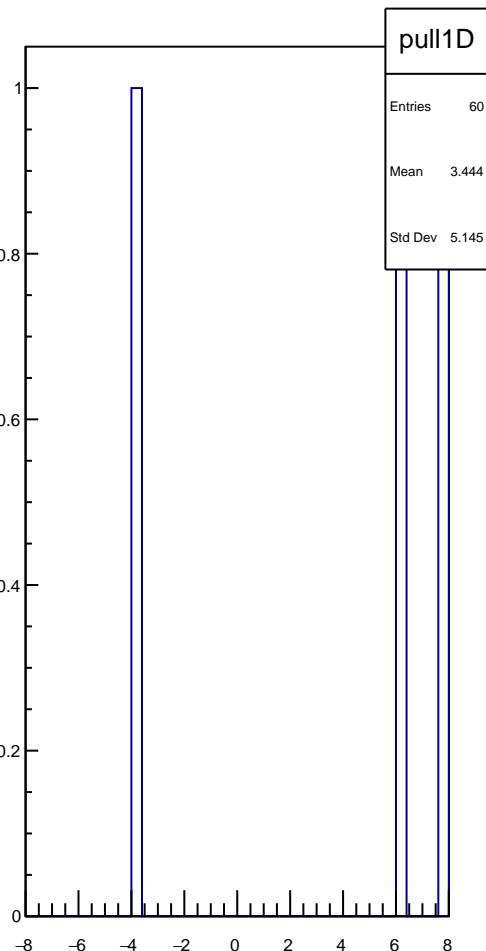
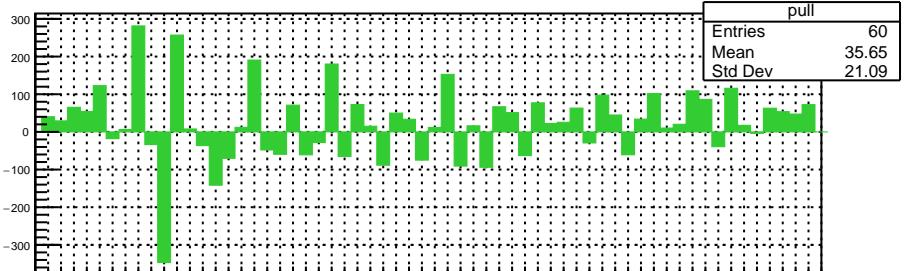
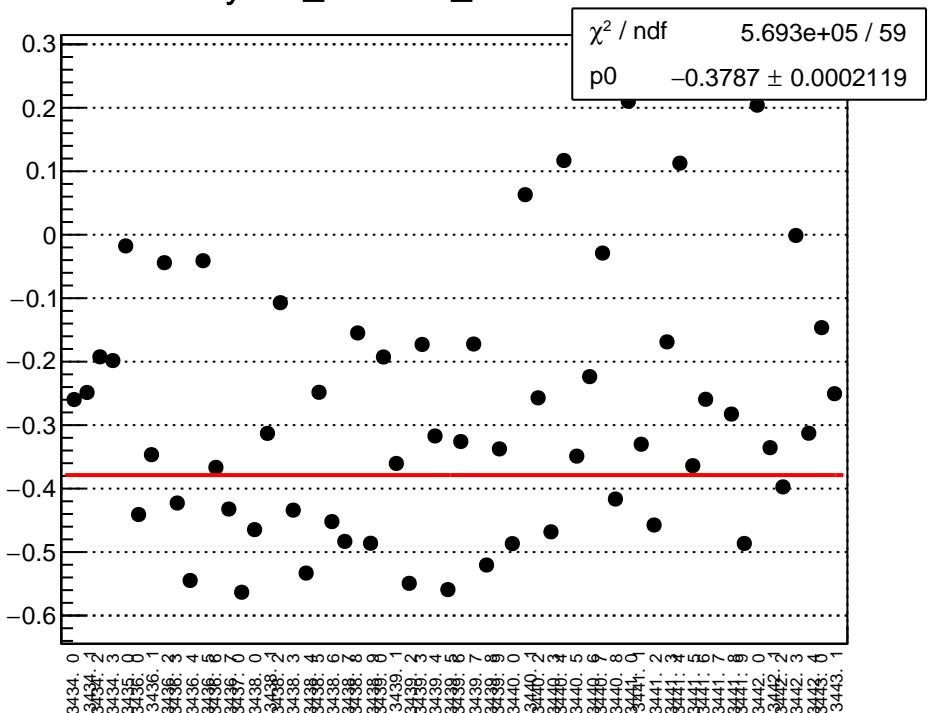
yield_cav4dX_mean vs run



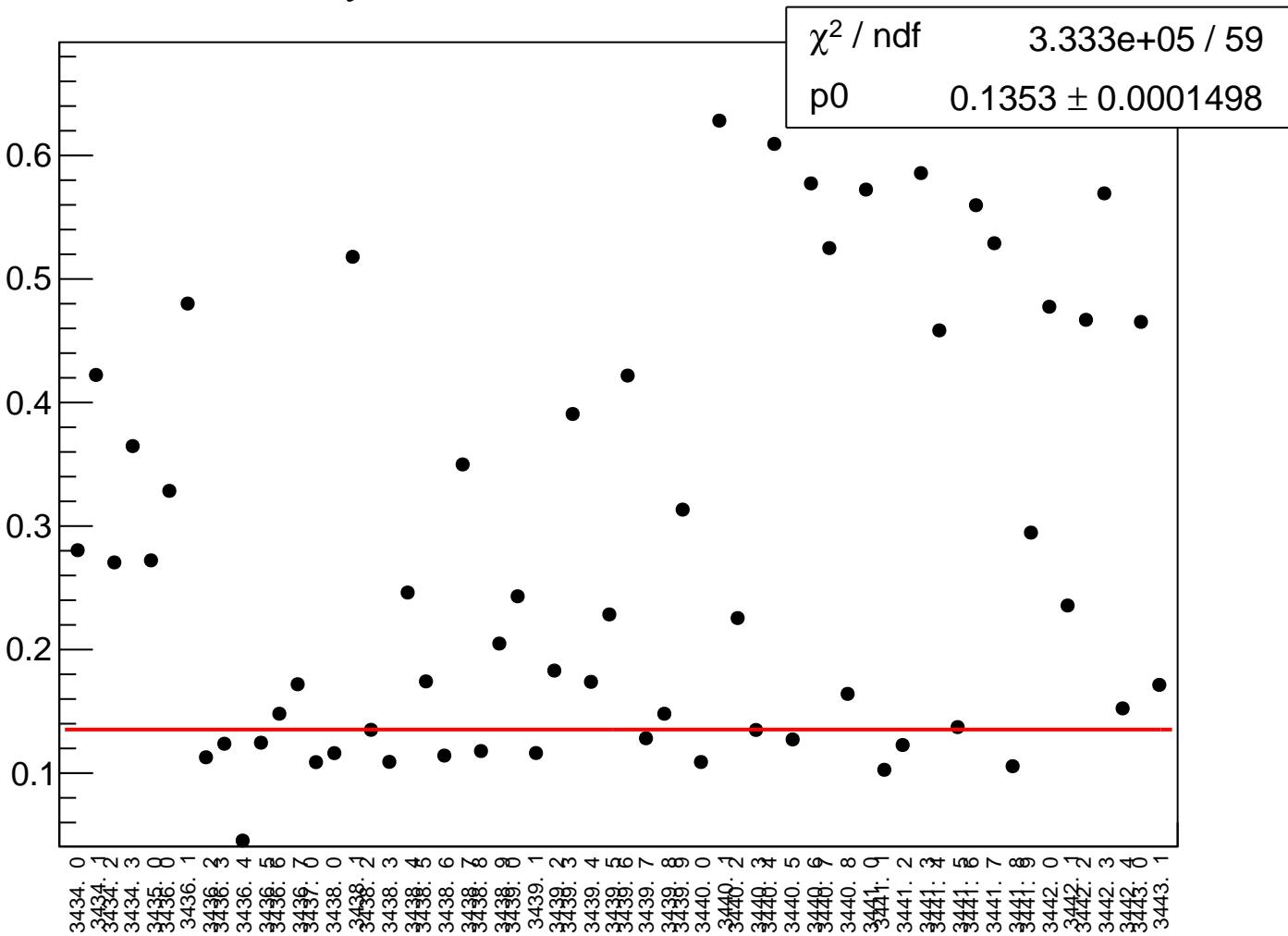
yield_cav4dX_rms vs run



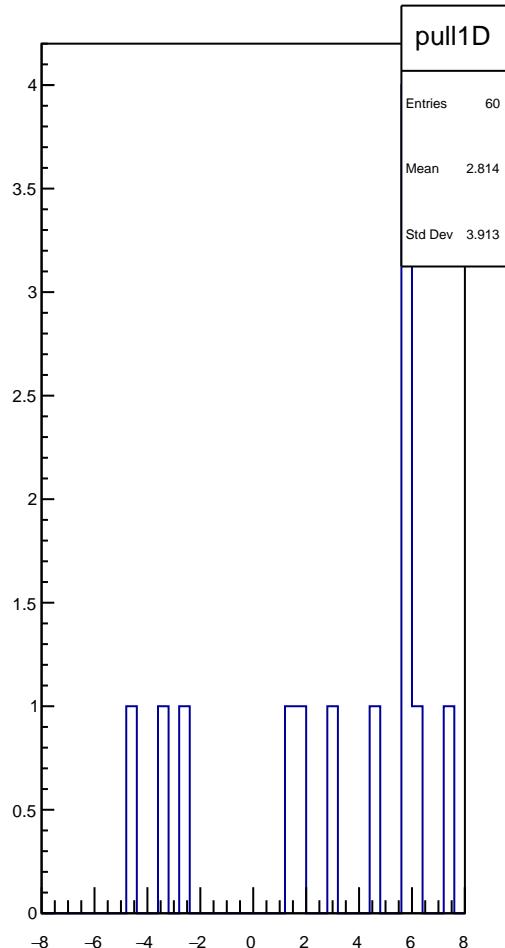
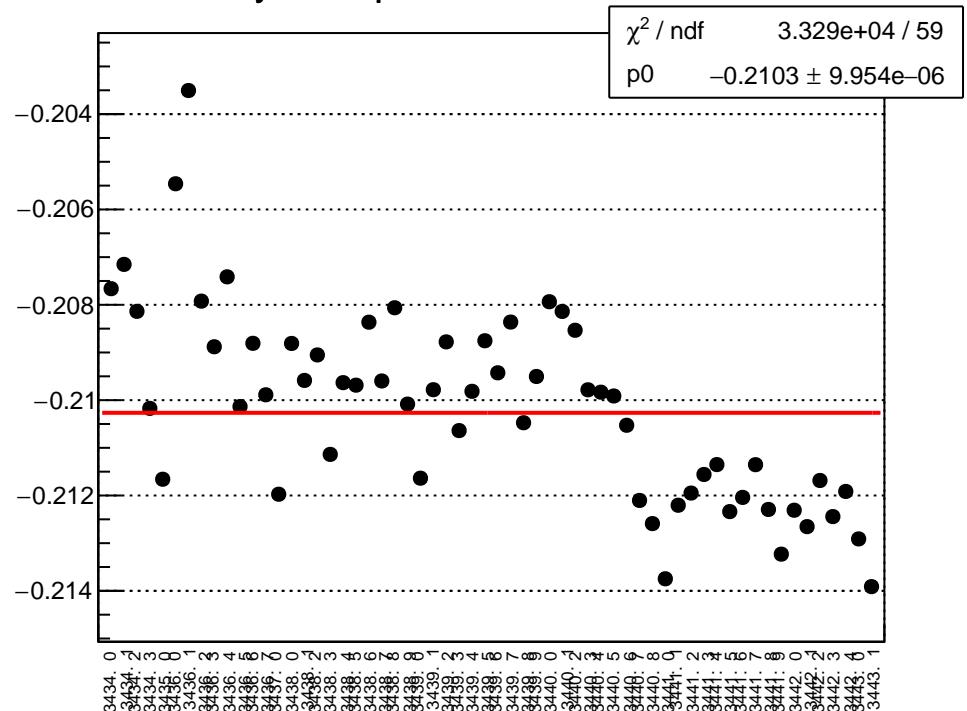
yield_cav4dY_mean vs run



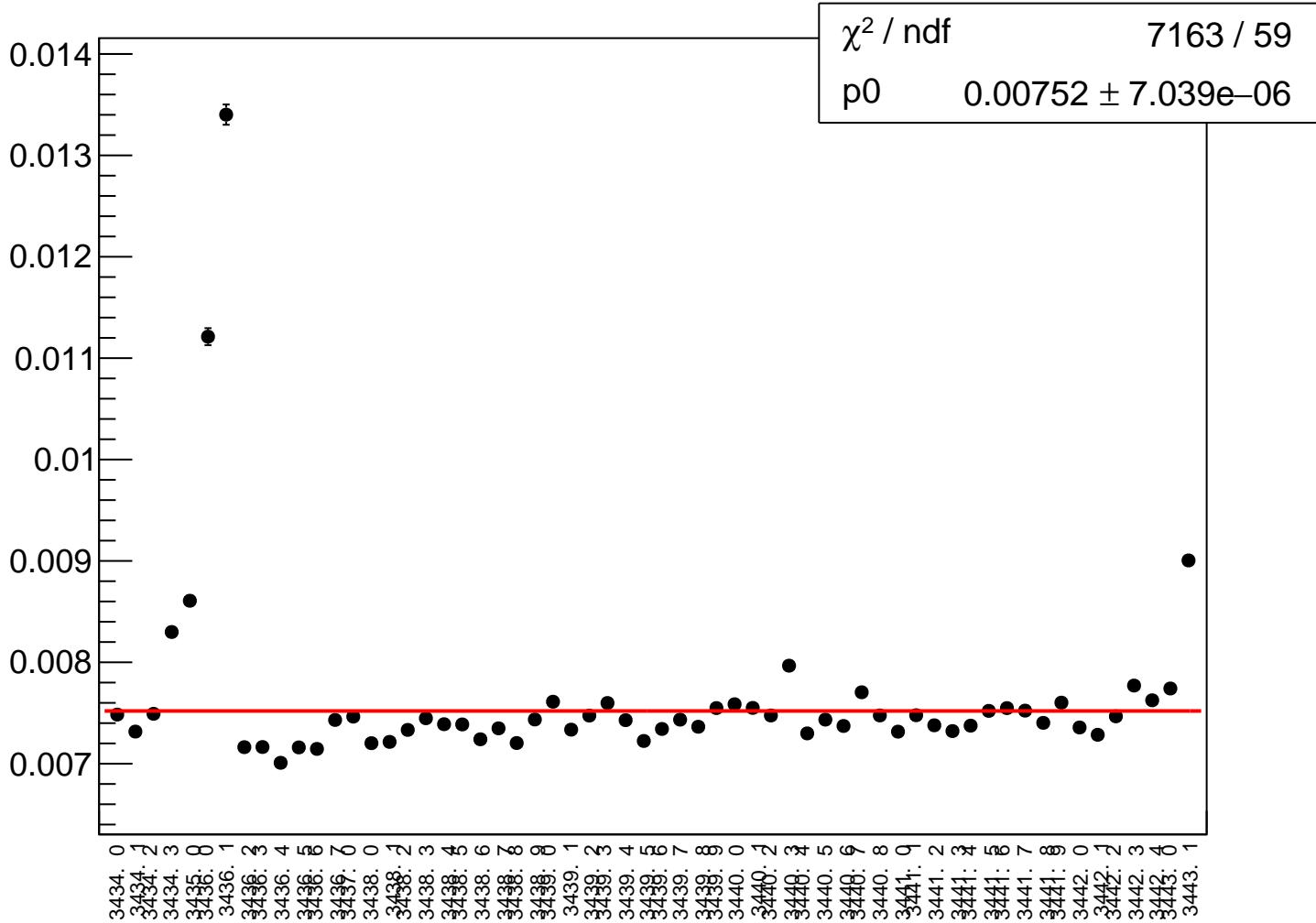
yield_cav4dY_rms vs run



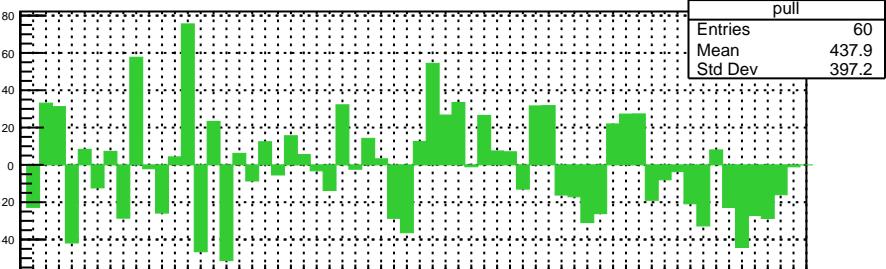
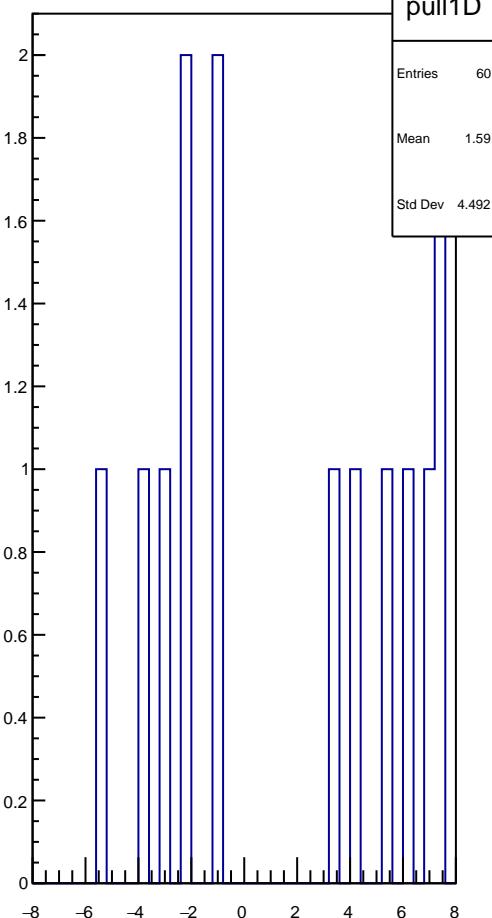
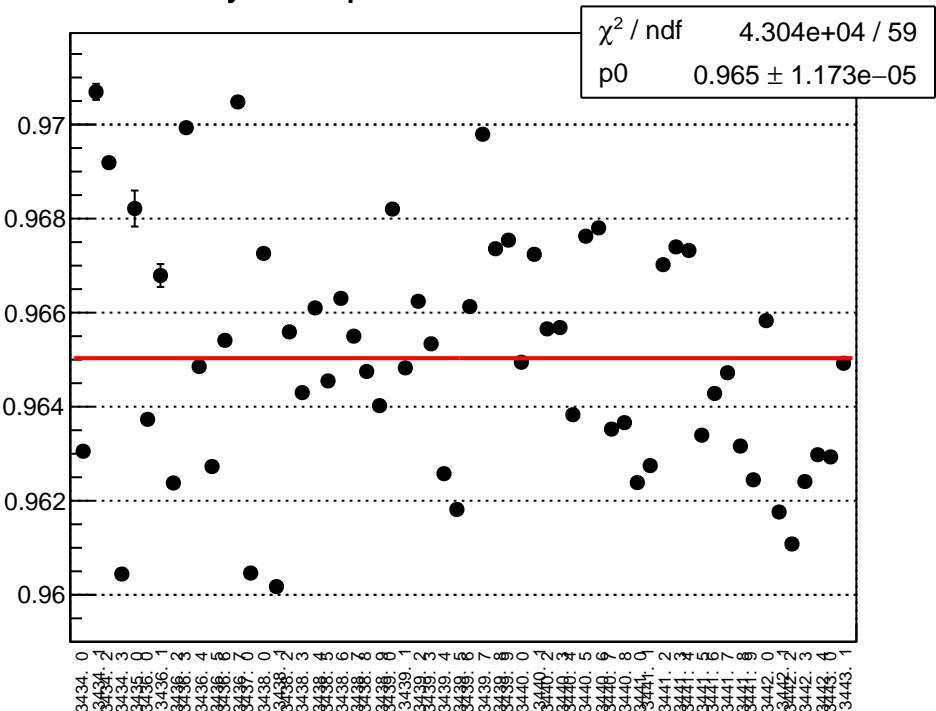
yield_bpm4aX_mean vs run



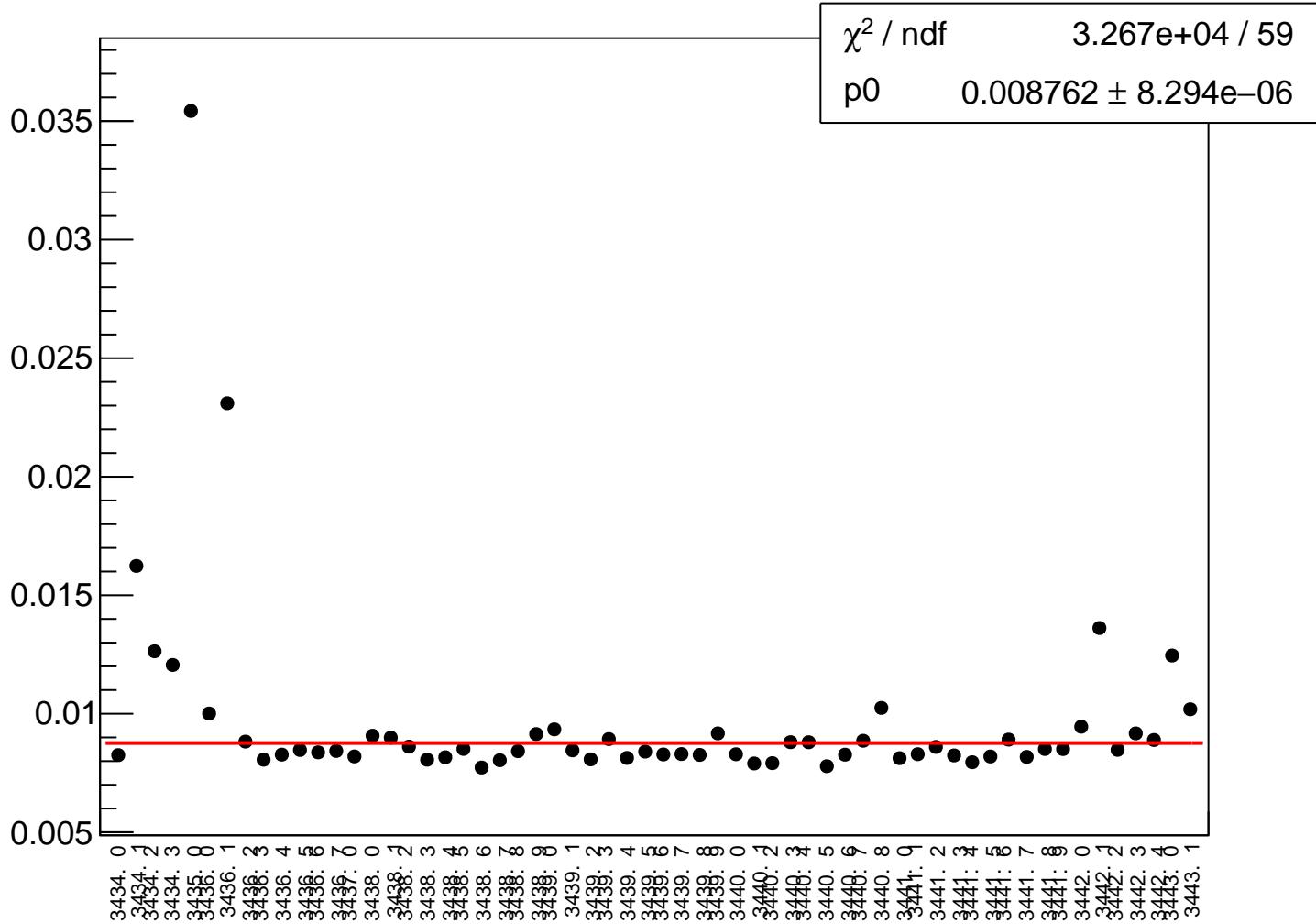
yield_bpm4aX_rms vs run



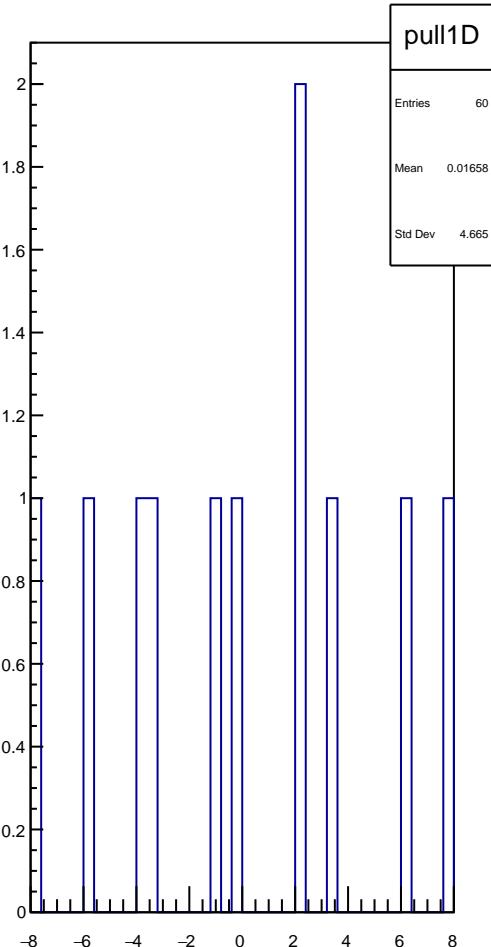
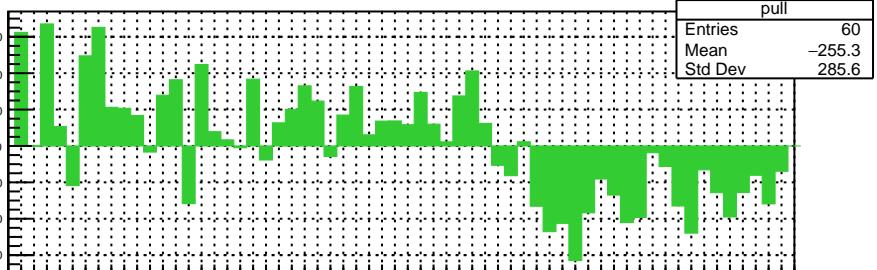
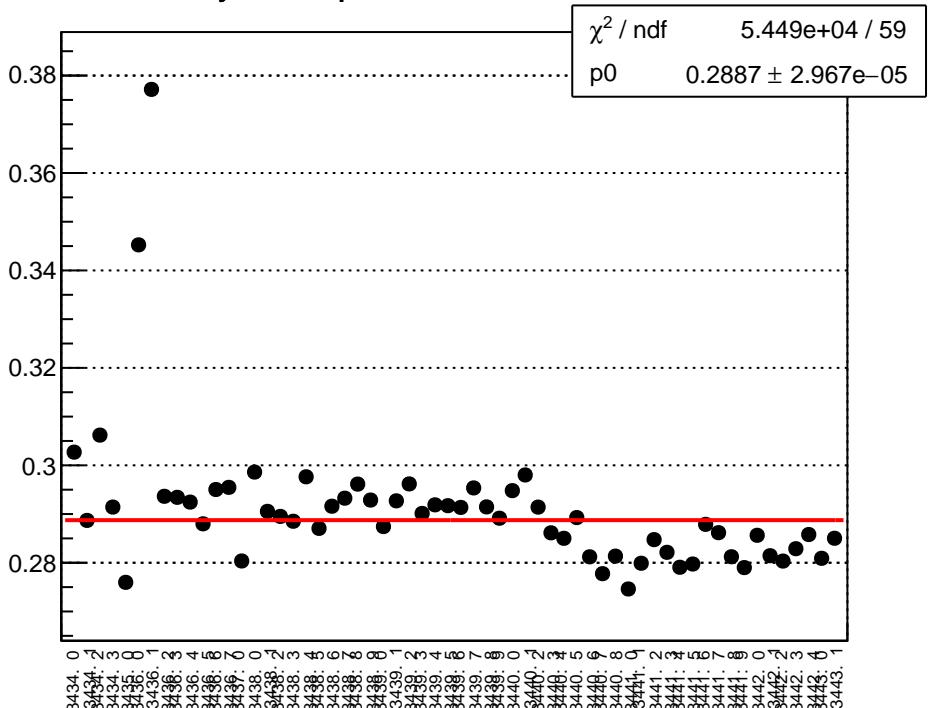
yield_bpm4aY_mean vs run



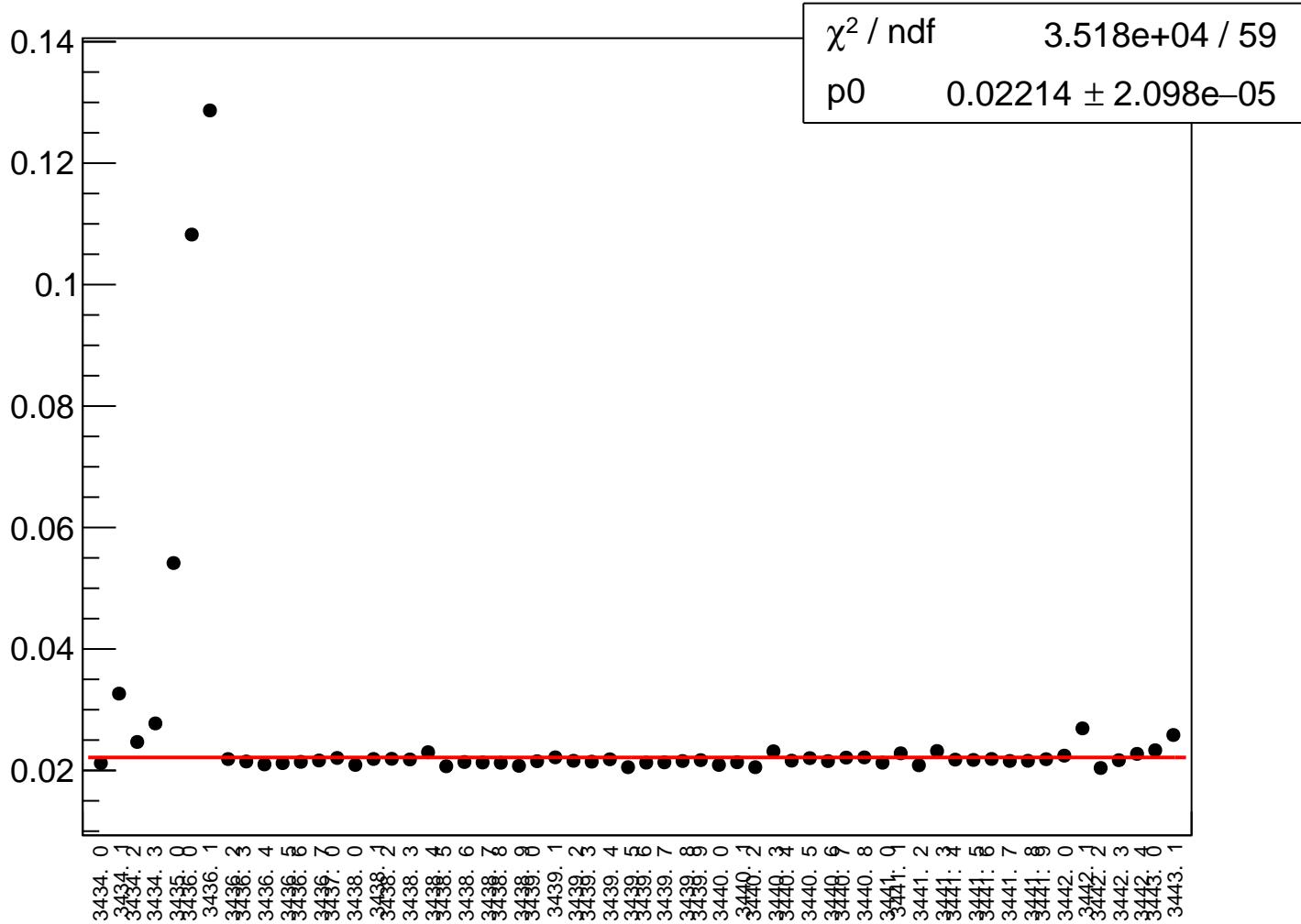
yield_bpm4aY_rms vs run



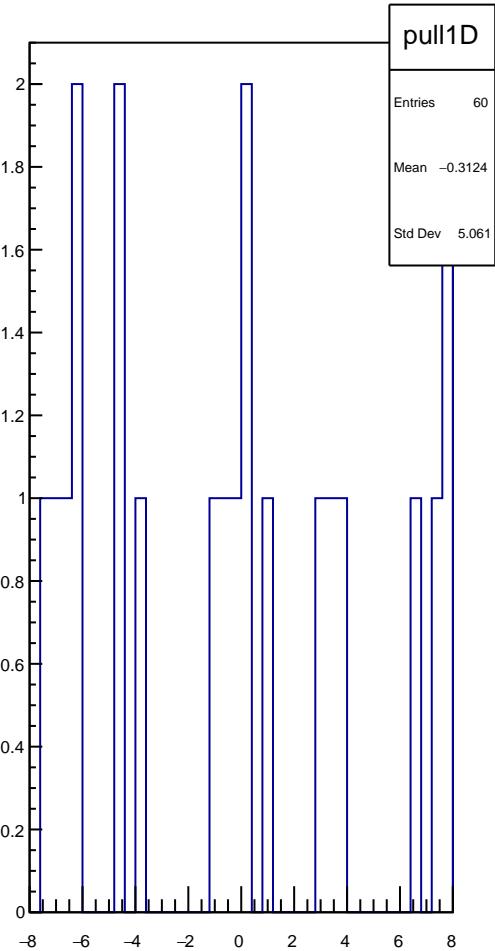
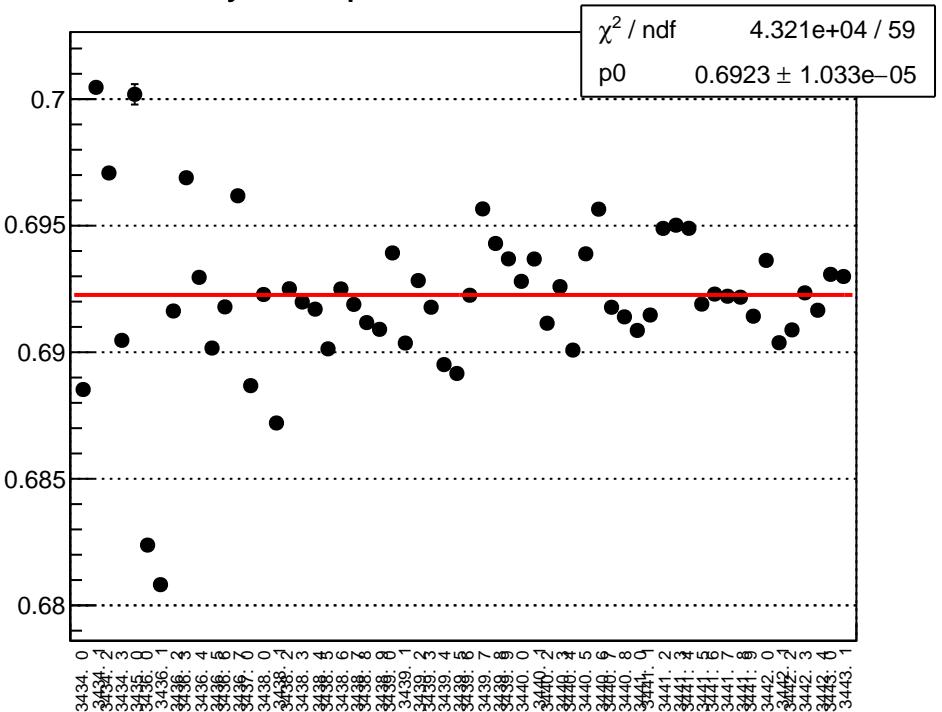
yield_bpm4eX_mean vs run



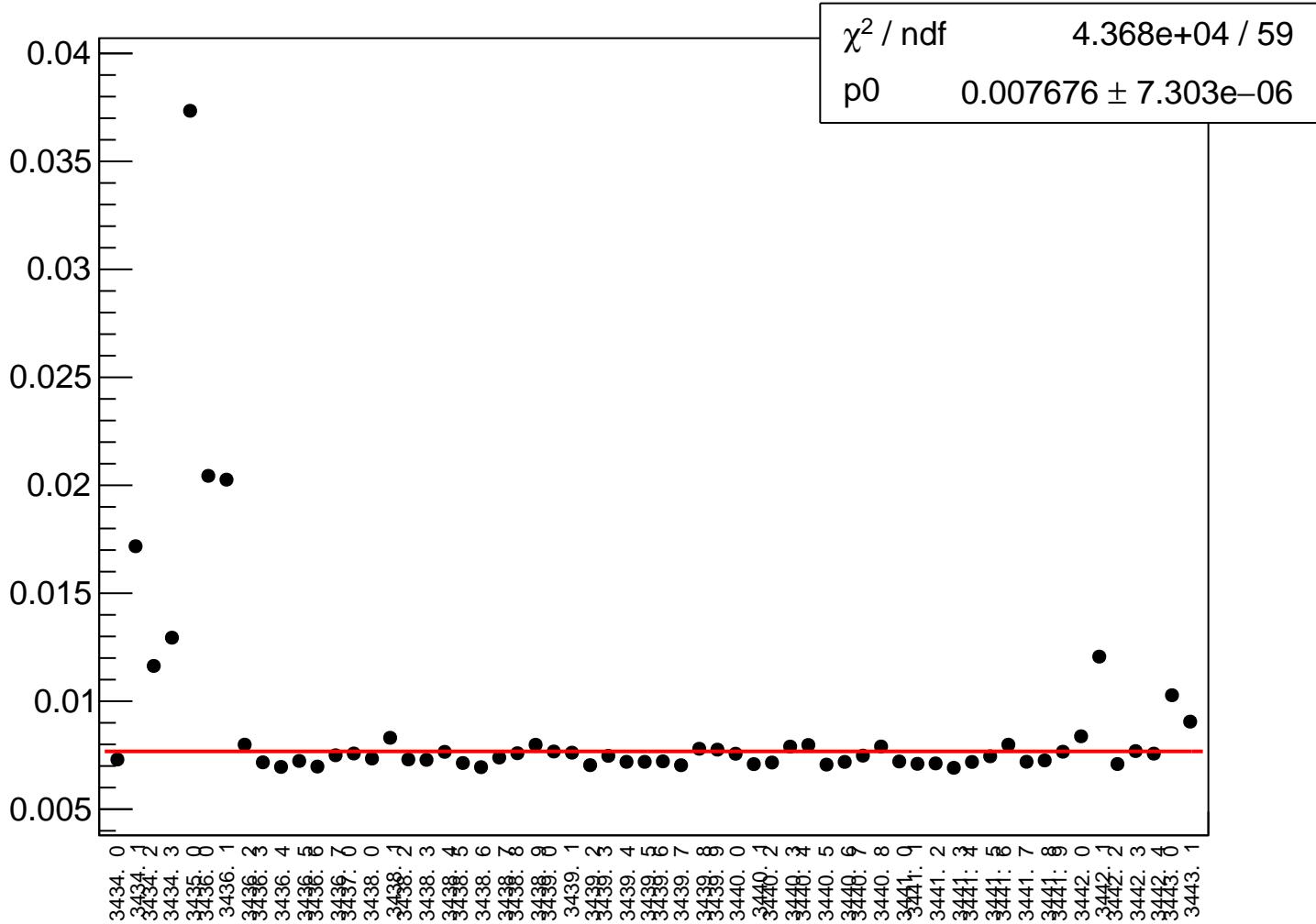
yield_bpm4eX_rms vs run



yield_bpm4eY_mean vs run

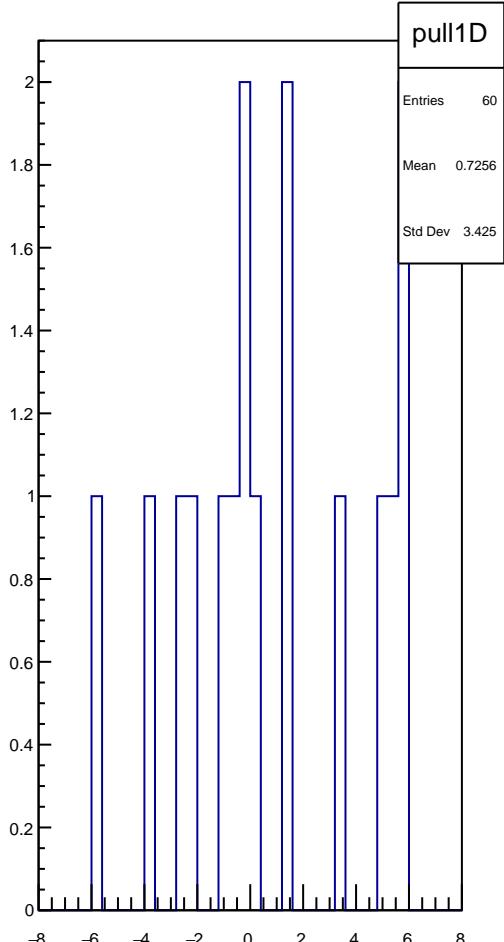
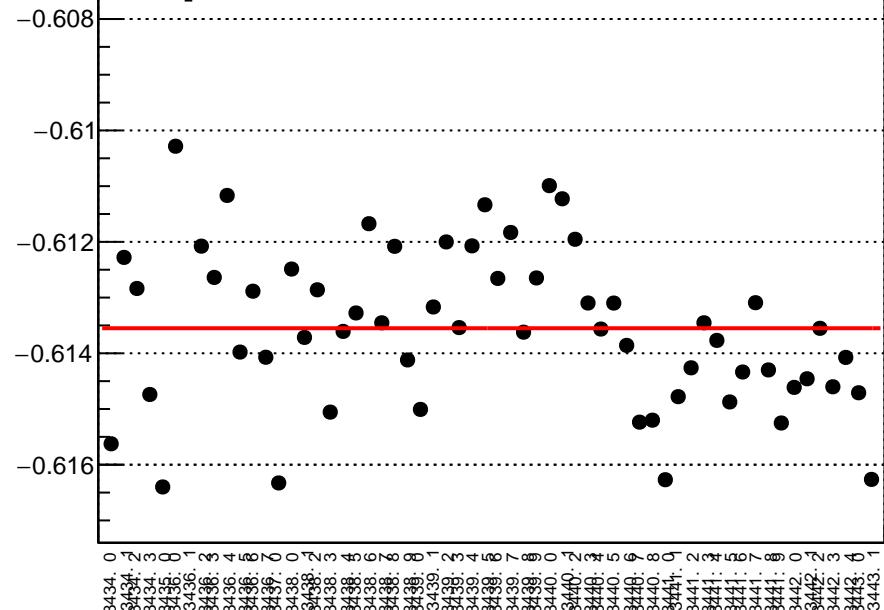


yield_bpm4eY_rms vs run



yield_bpm4acX_mean vs run

χ^2 / ndf 1.974e+04 / 59
 $p0$ $-0.6136 \pm 9.997\text{e}{-06}$

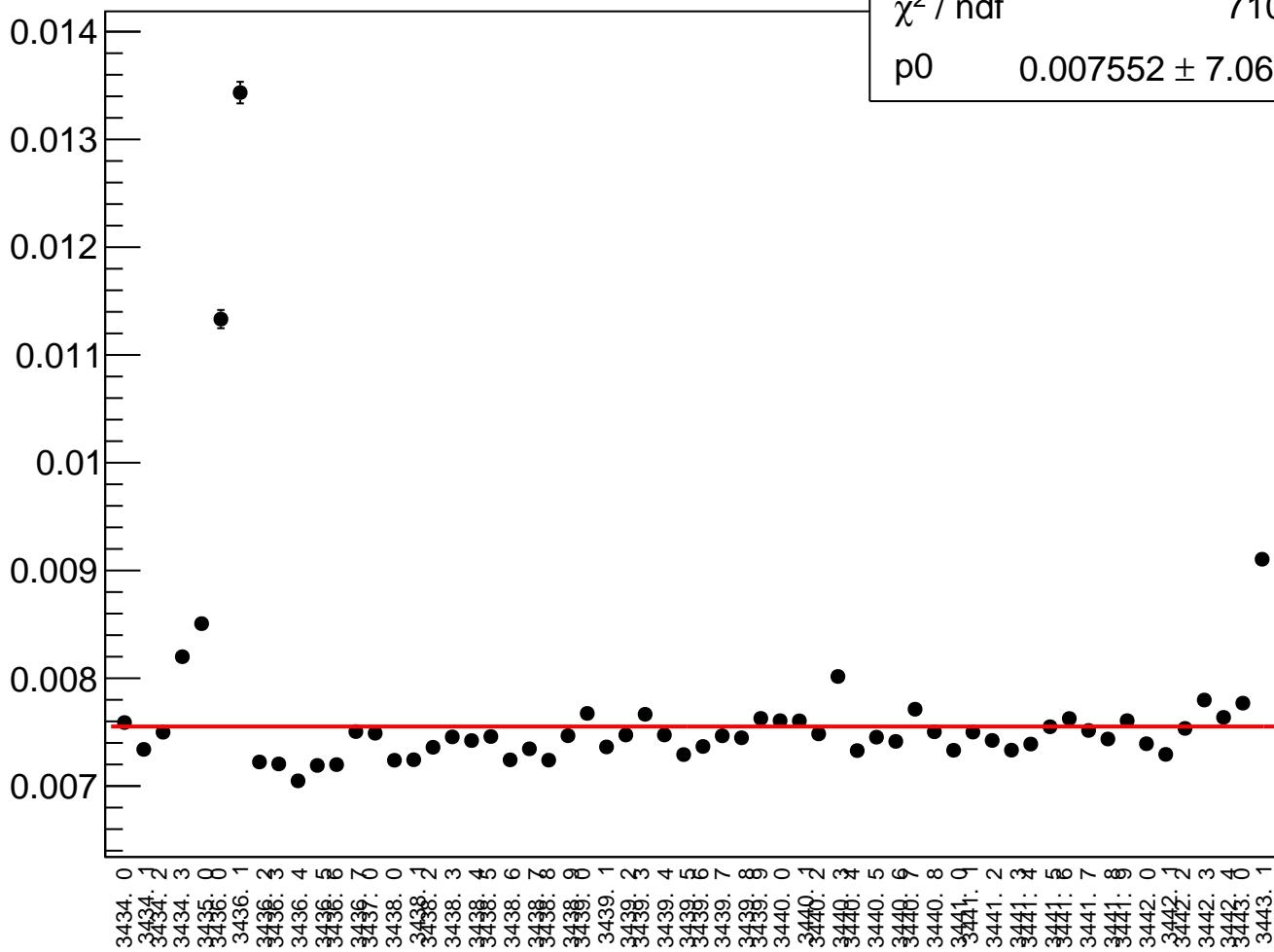


yield_bpm4acX_rms vs run

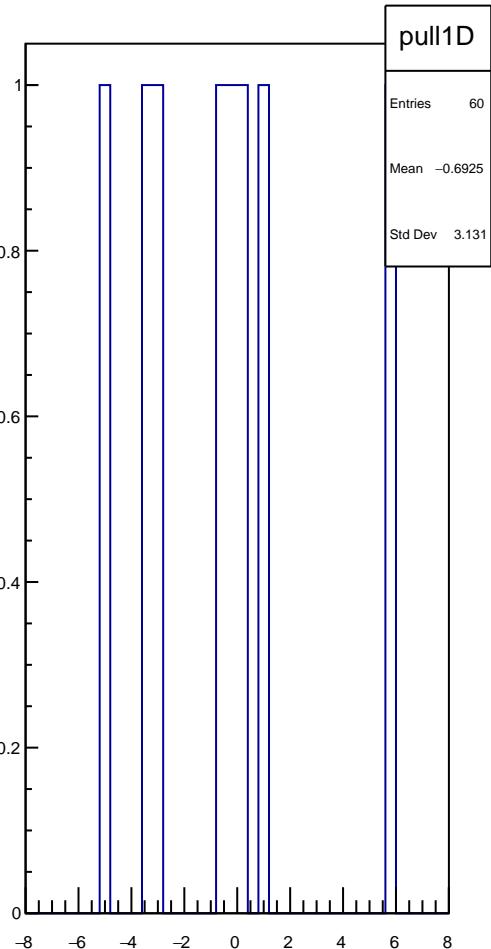
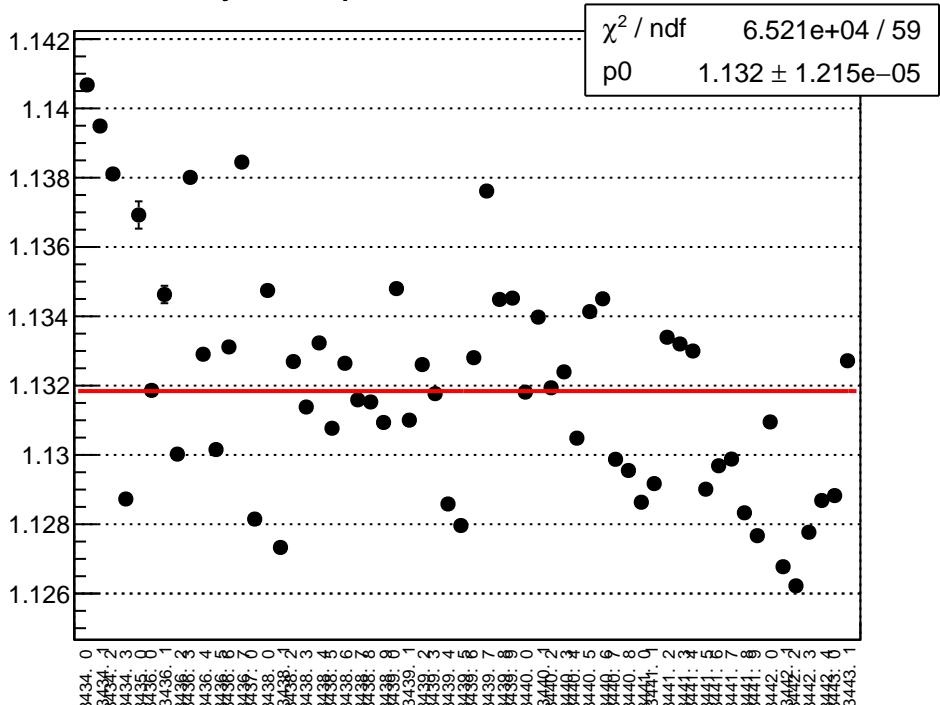
χ^2 / ndf

7105 / 59

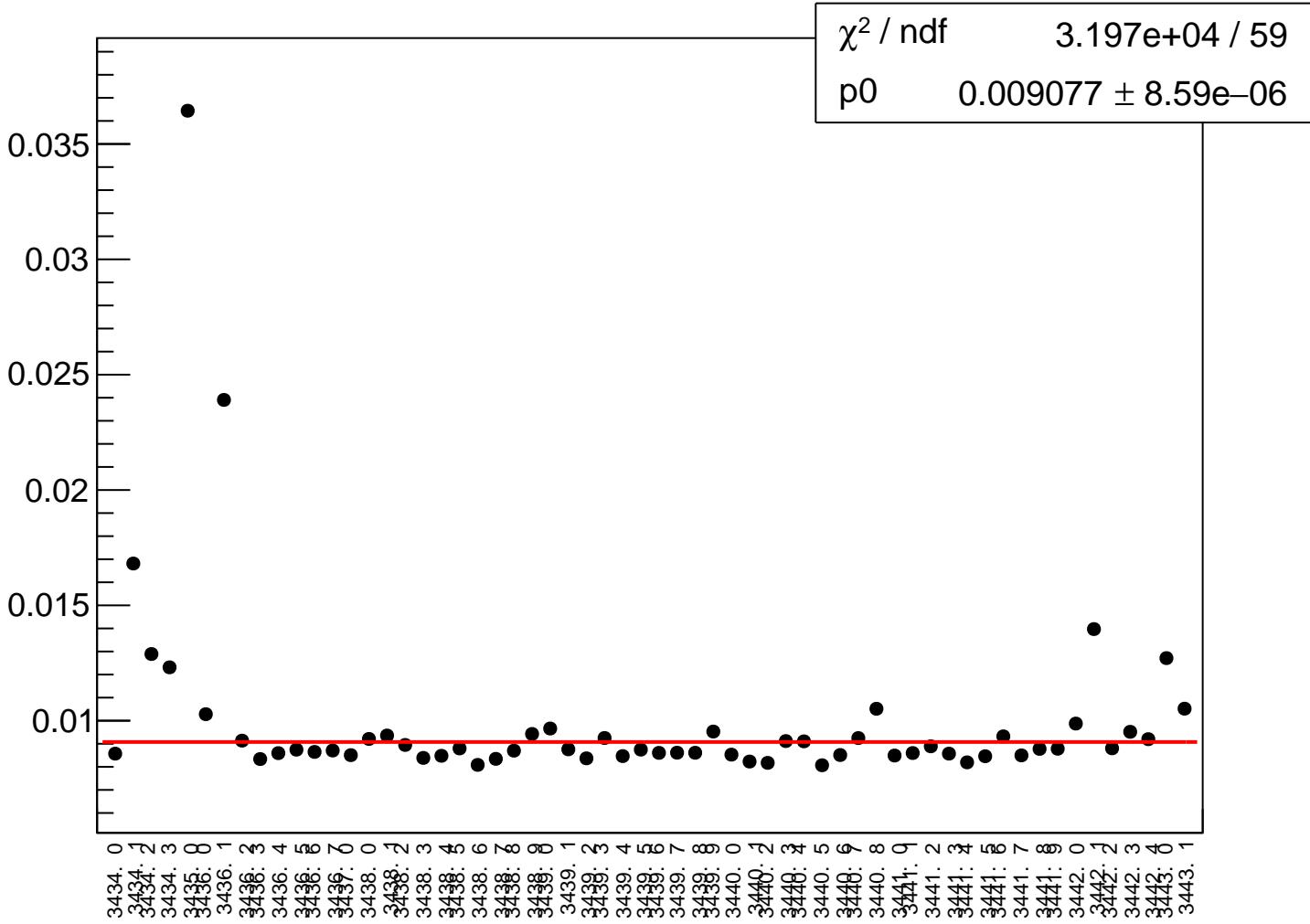
p0 0.007552 ± 7.069e-06



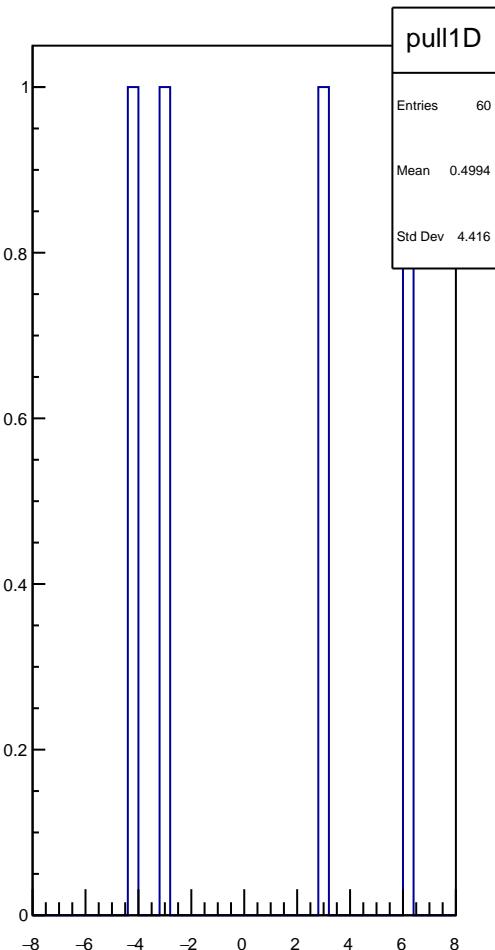
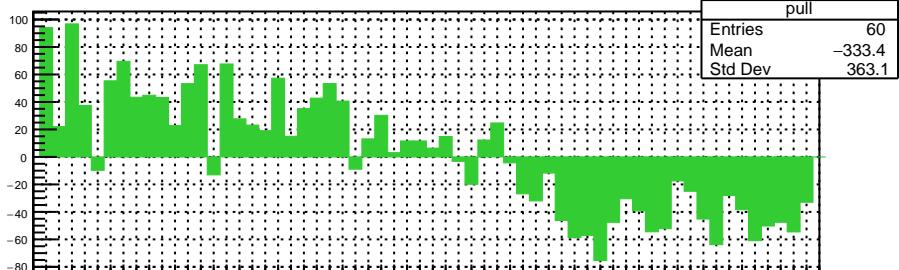
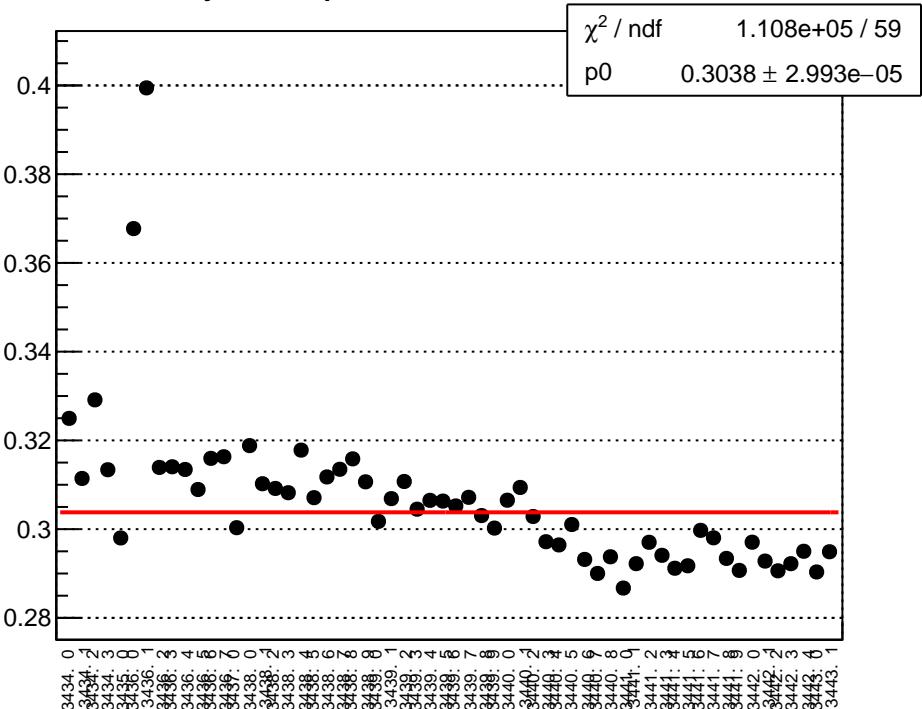
yield_bpm4acY_mean vs run



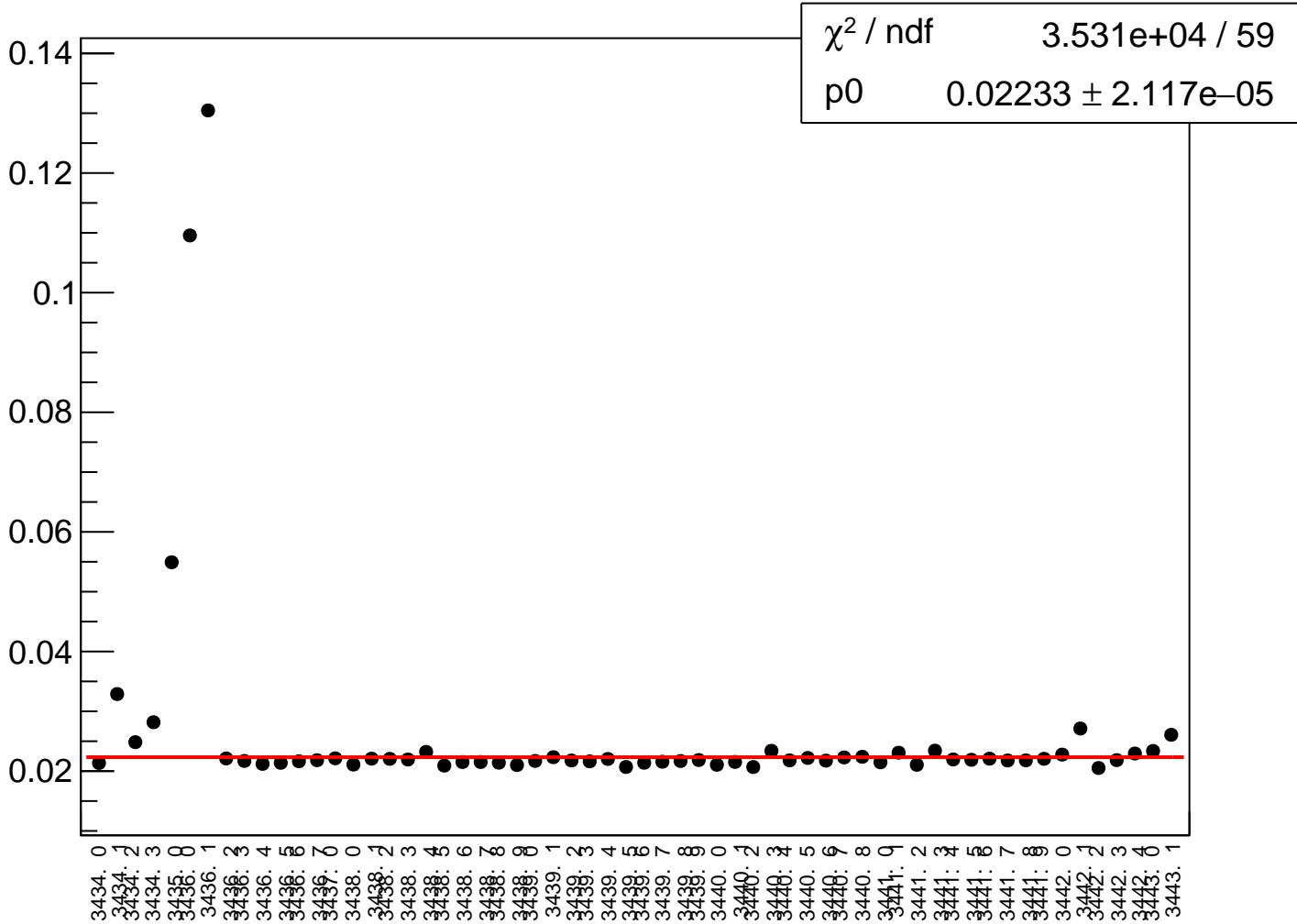
yield_bpm4acY_rms vs run



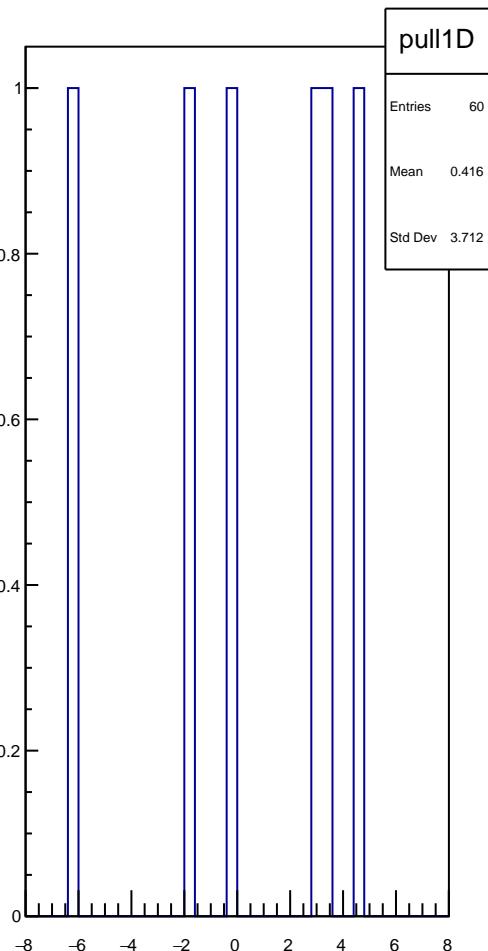
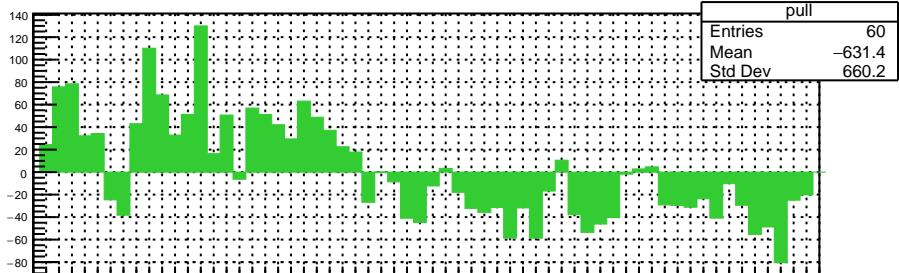
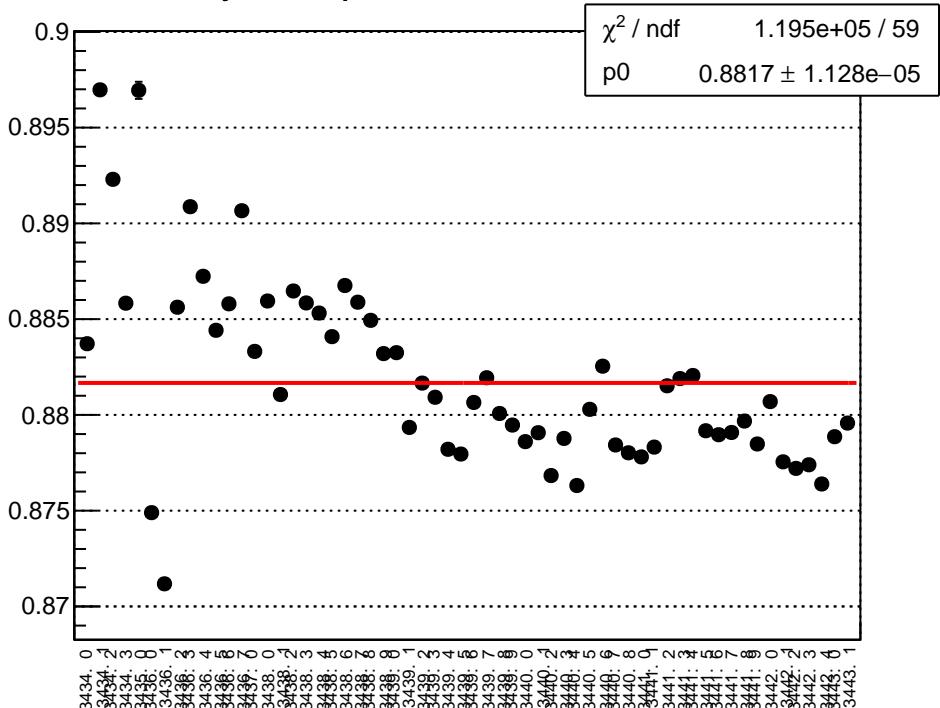
yield_bpm4ecX_mean vs run



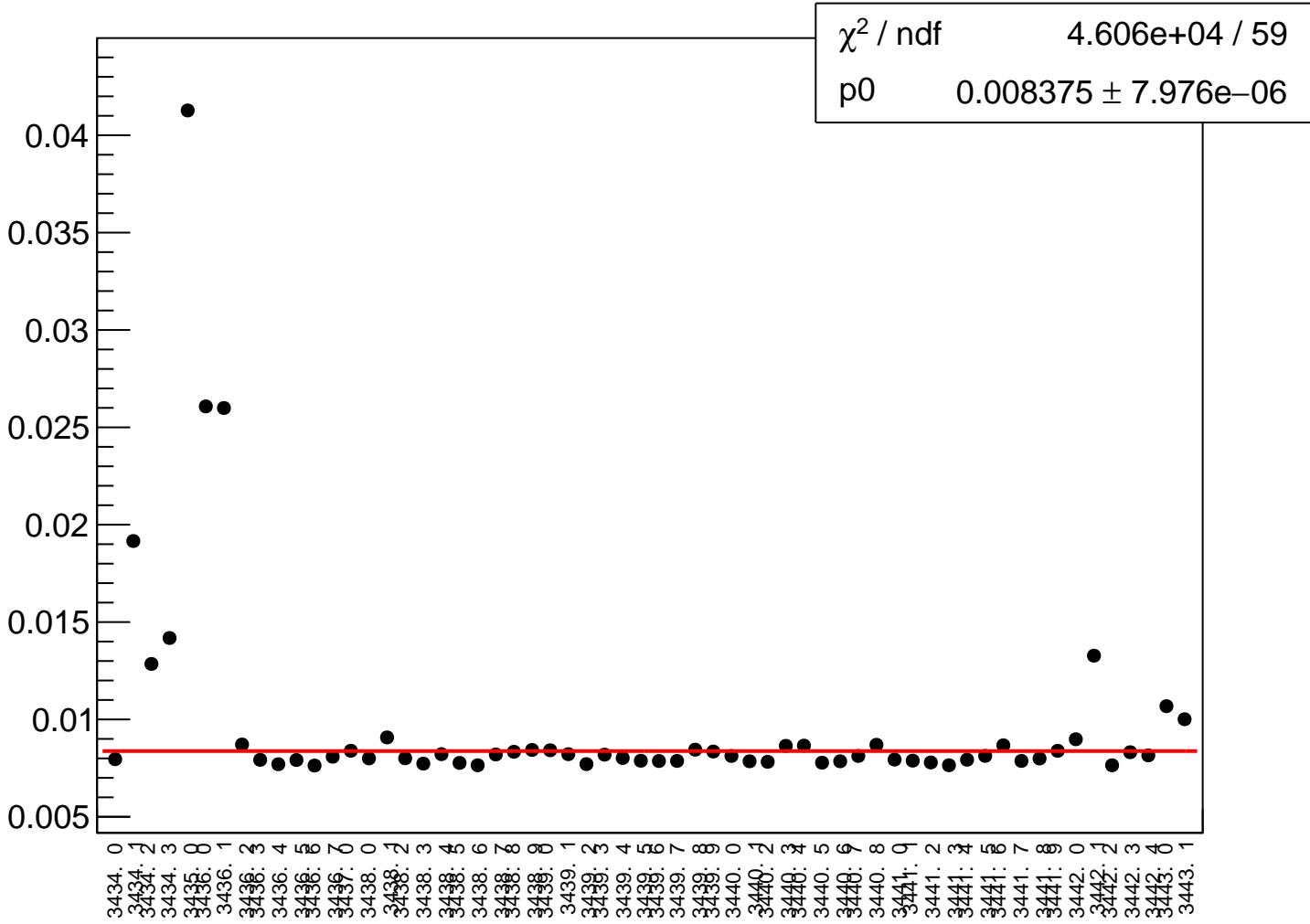
yield_bpm4ecX_rms vs run

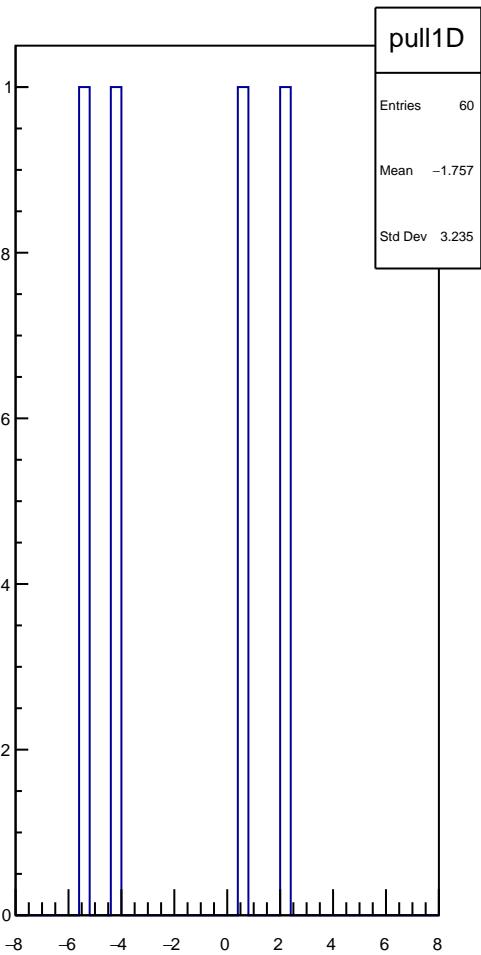
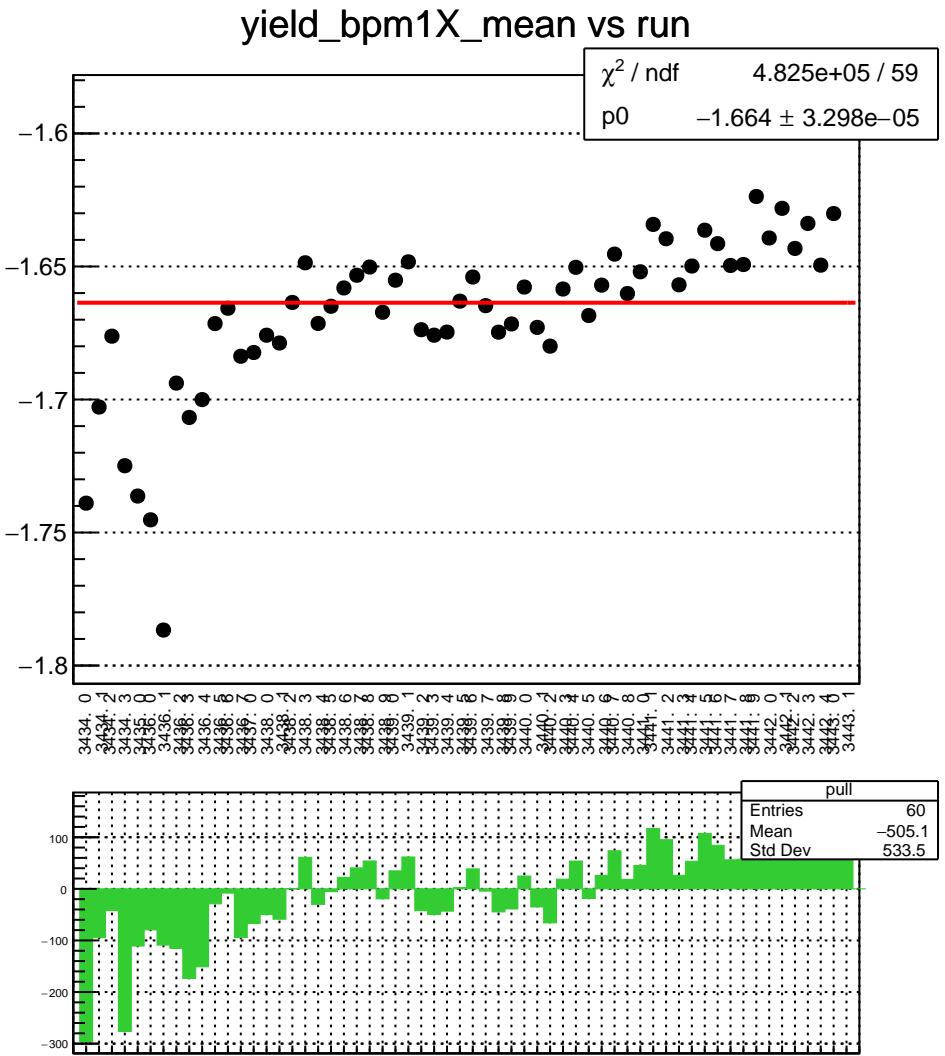


yield_bpm4ecY_mean vs run

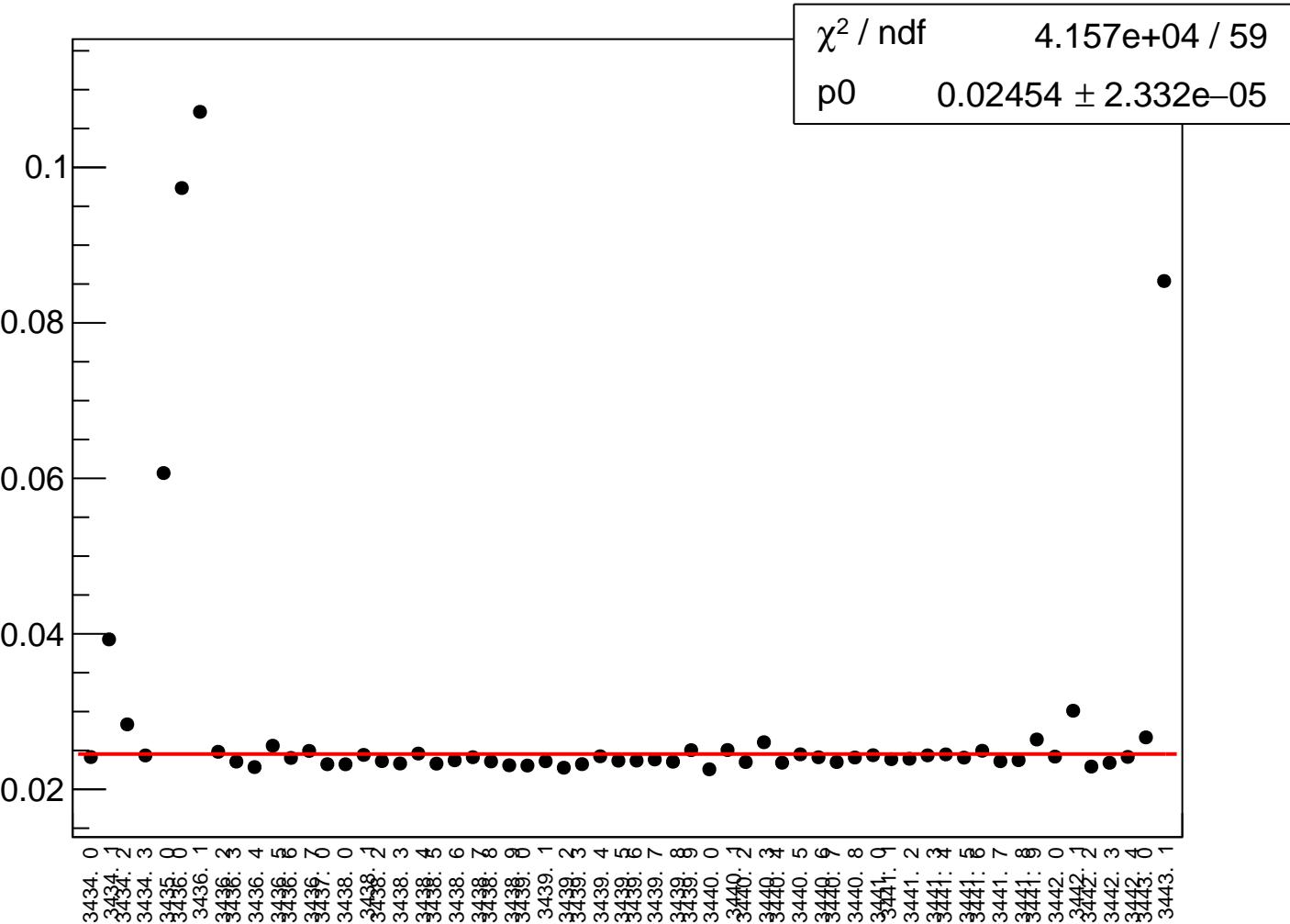


yield_bpm4ecY_rms vs run

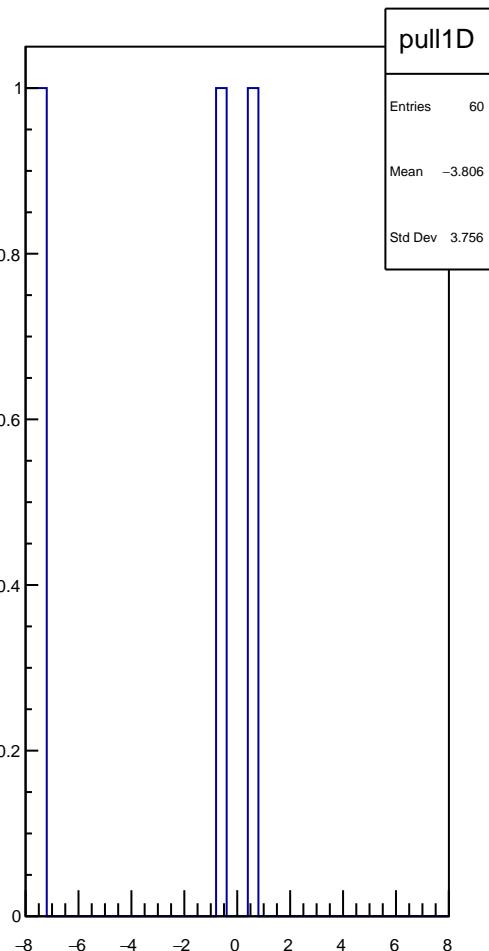
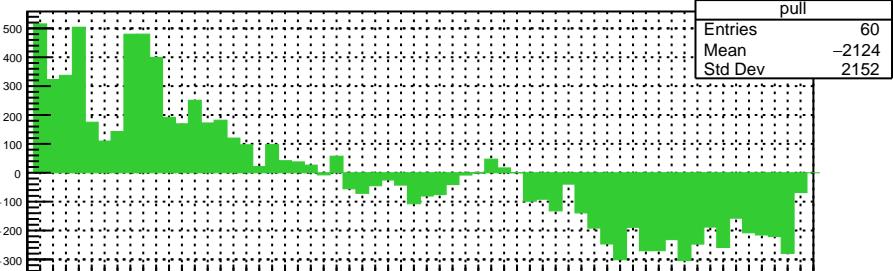
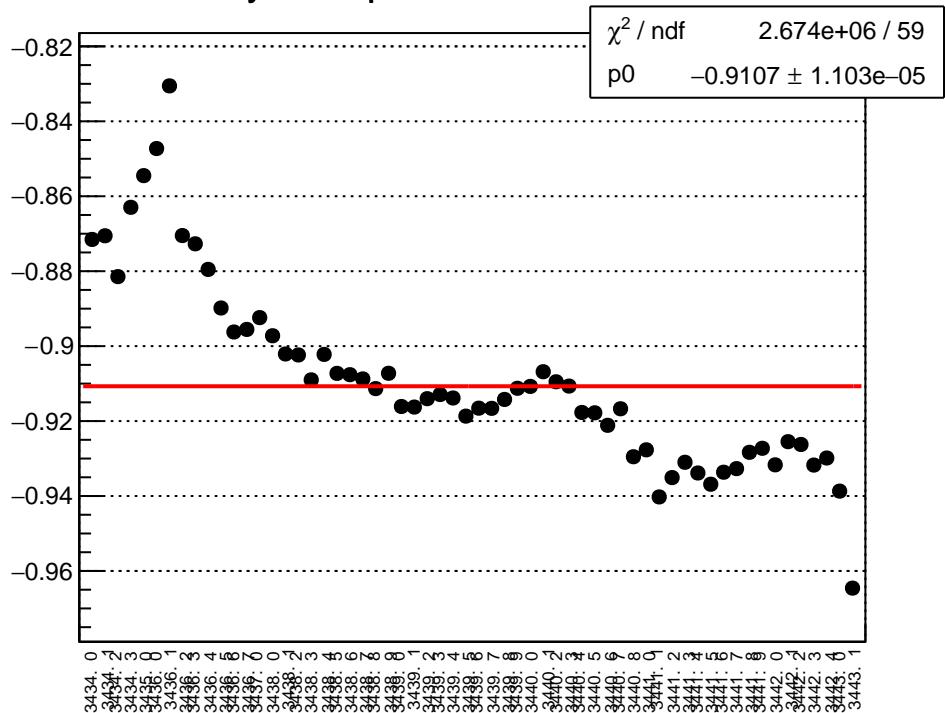




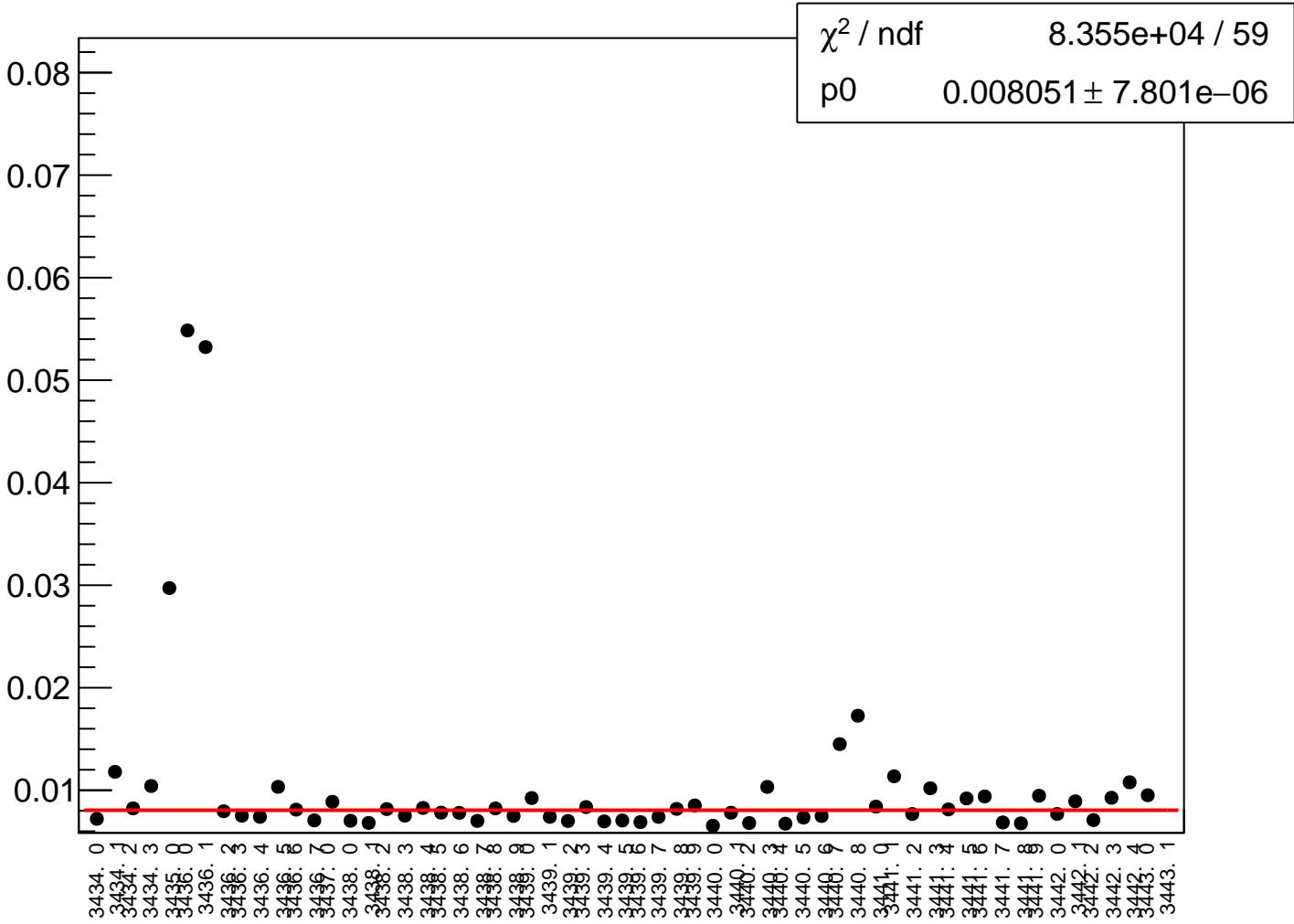
yield_bpm1X_rms vs run



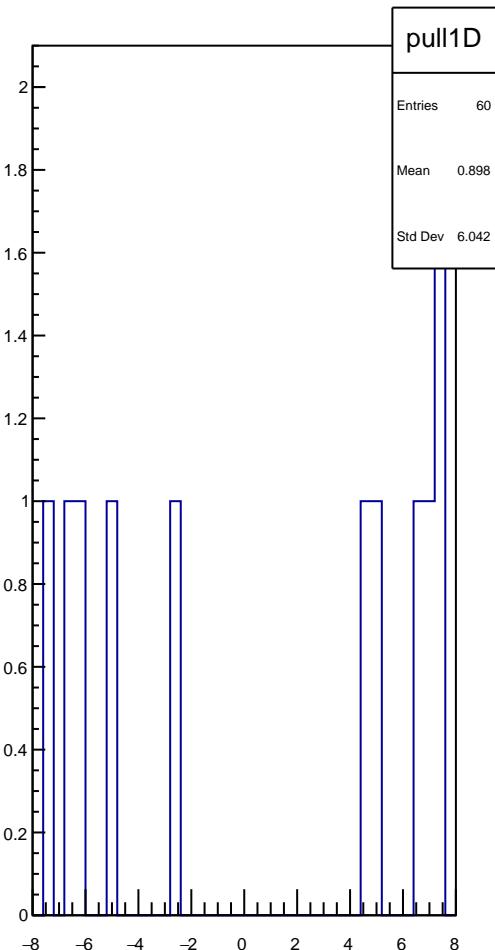
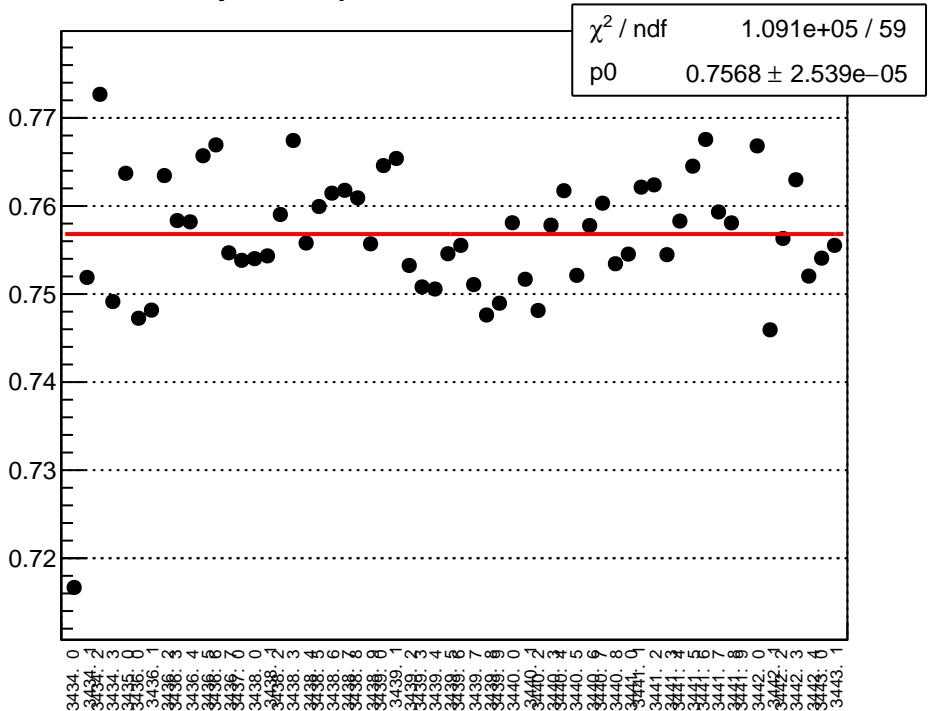
yield_bpm1Y_mean vs run



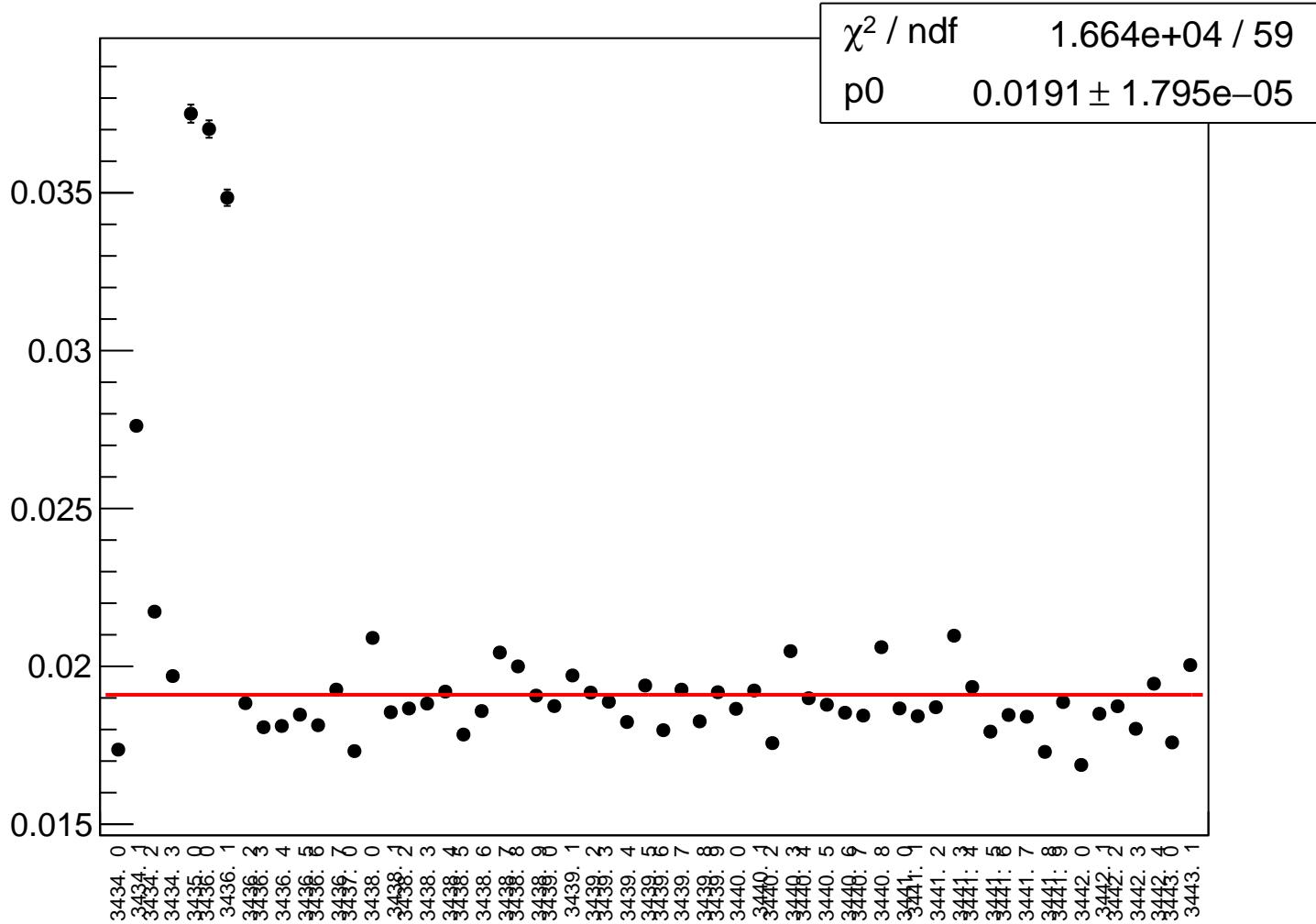
yield_bpm1Y_rms vs run



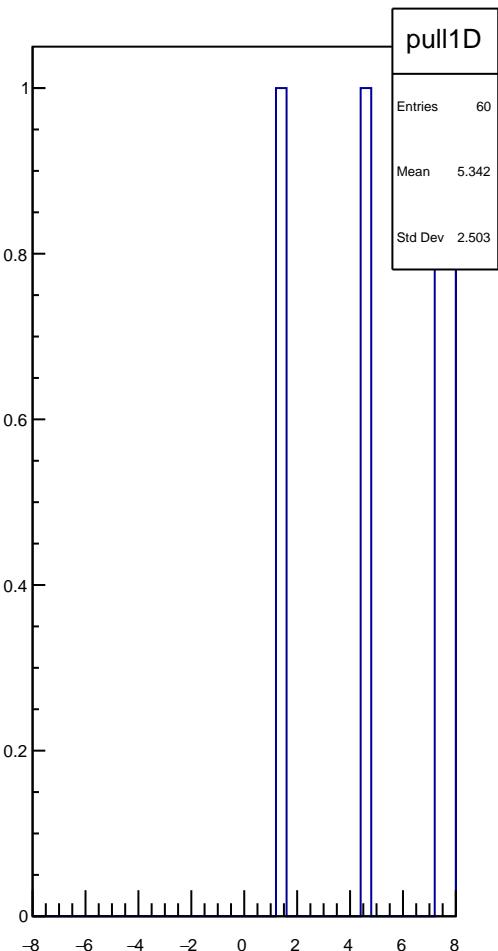
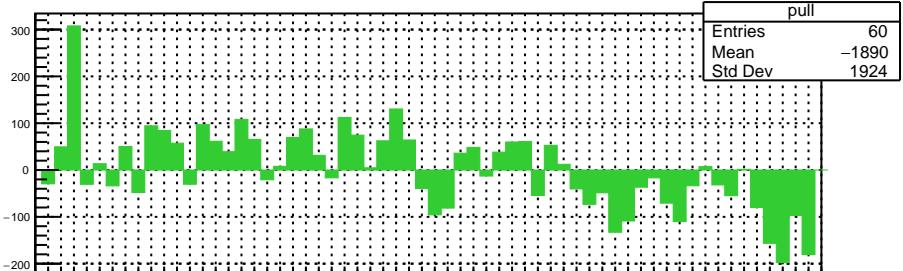
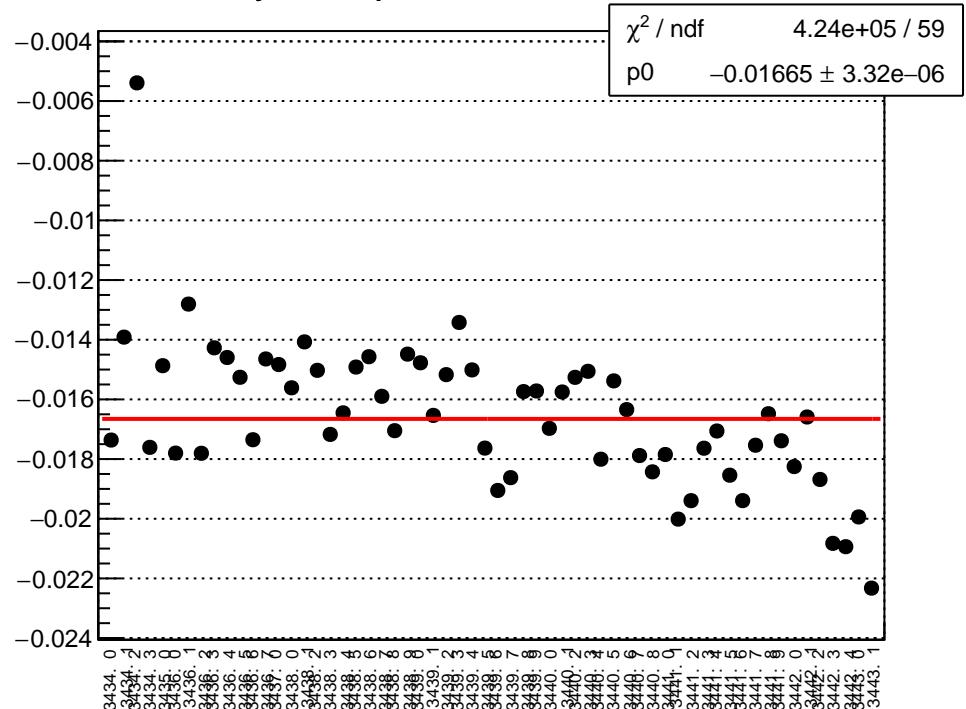
yield_bpm11X_mean vs run



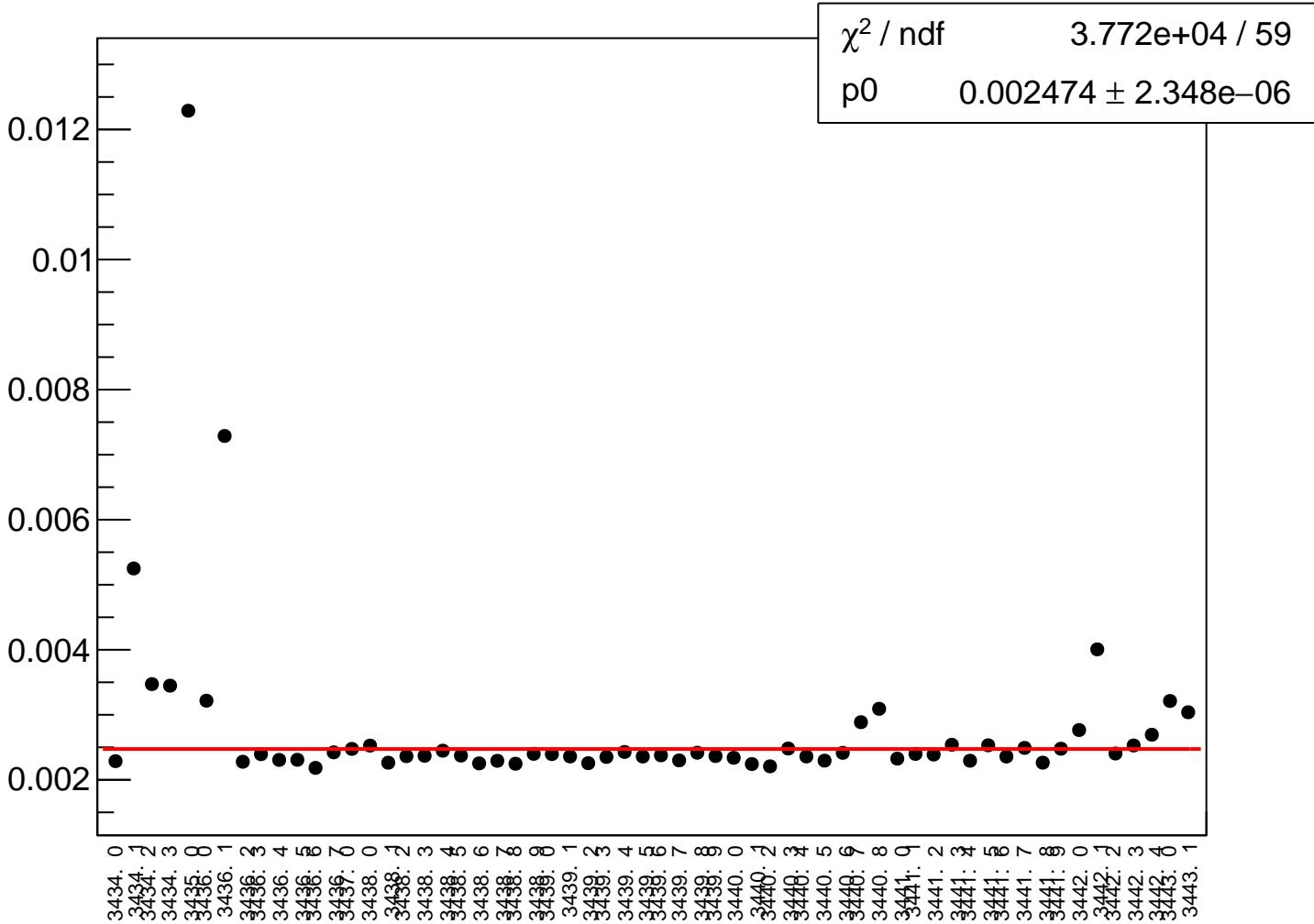
yield_bpm11X_rms vs run



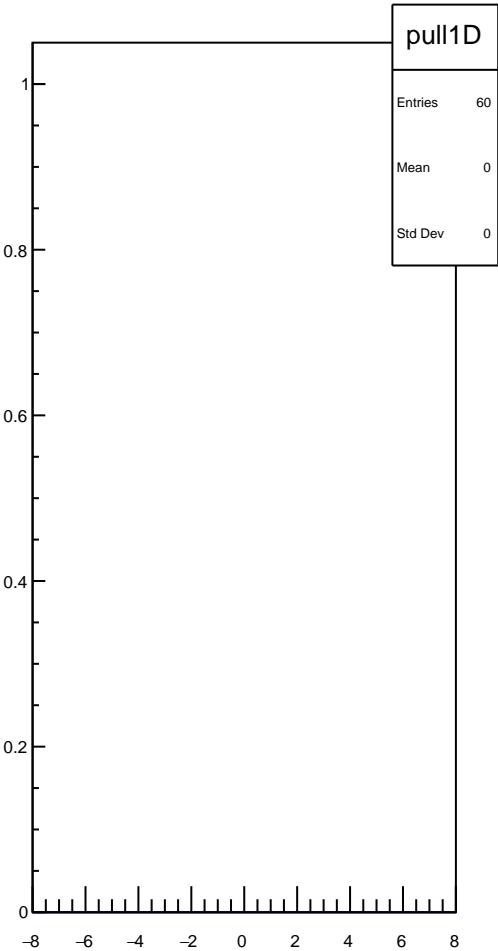
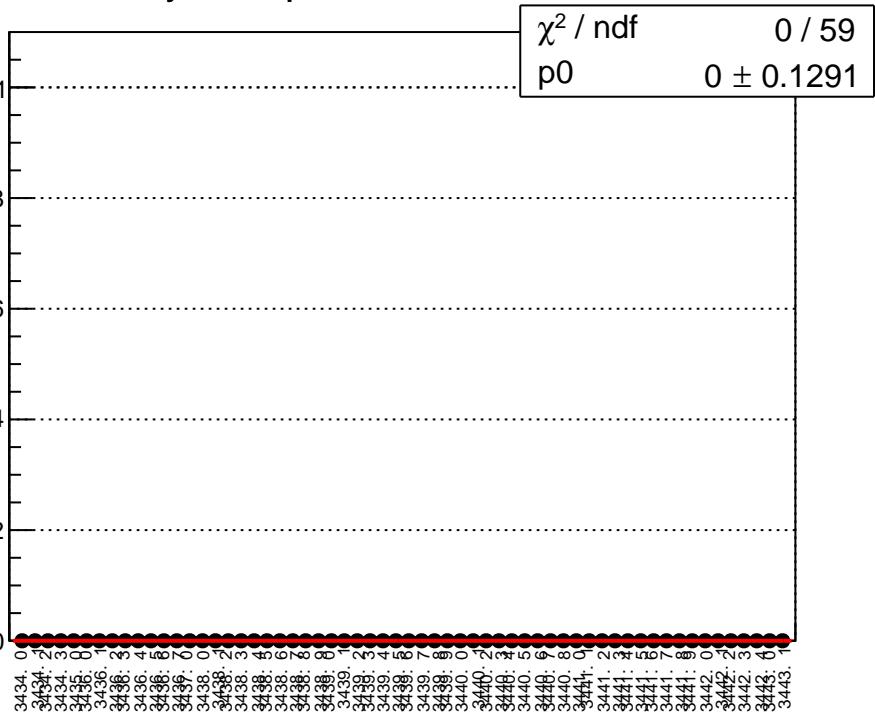
yield_bpm11Y_mean vs run



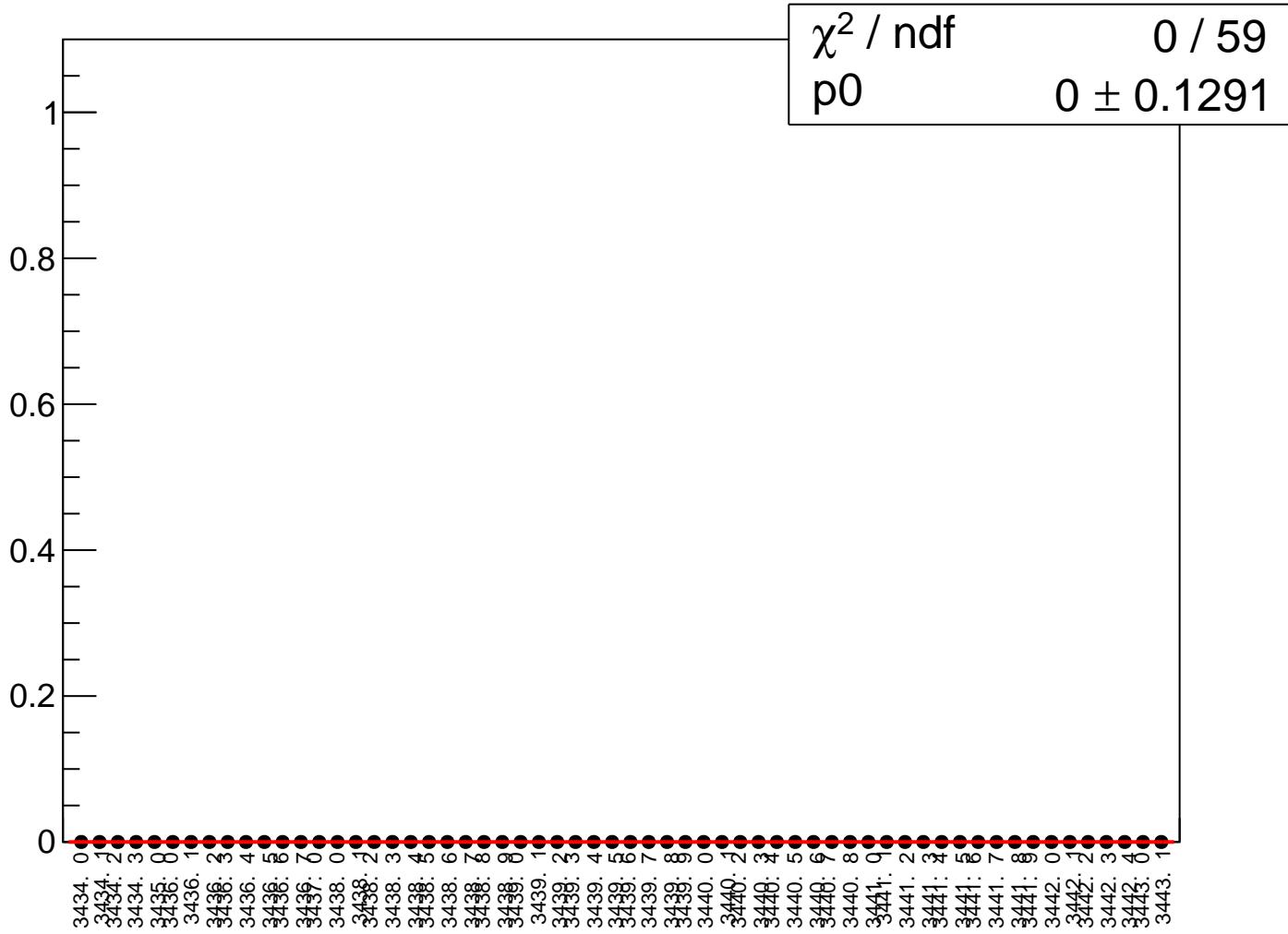
yield_bpm11Y_rms vs run

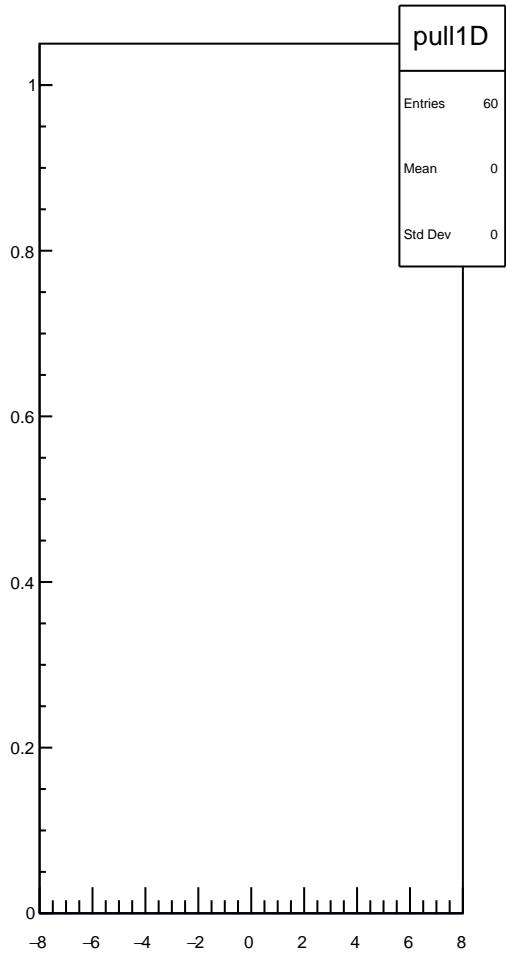
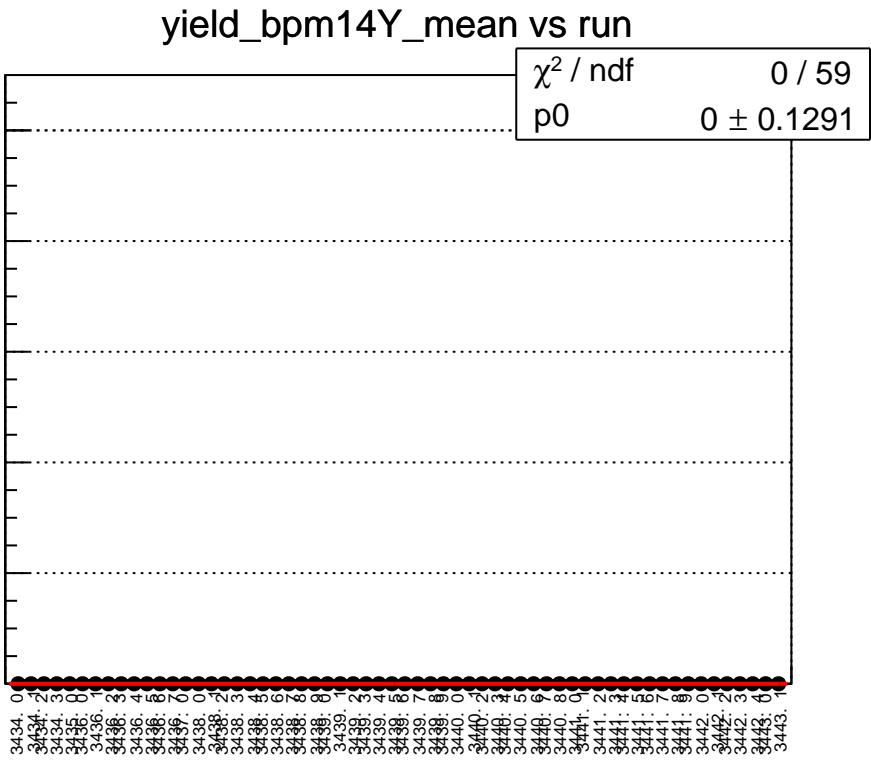


yield_bpm14X_mean vs run

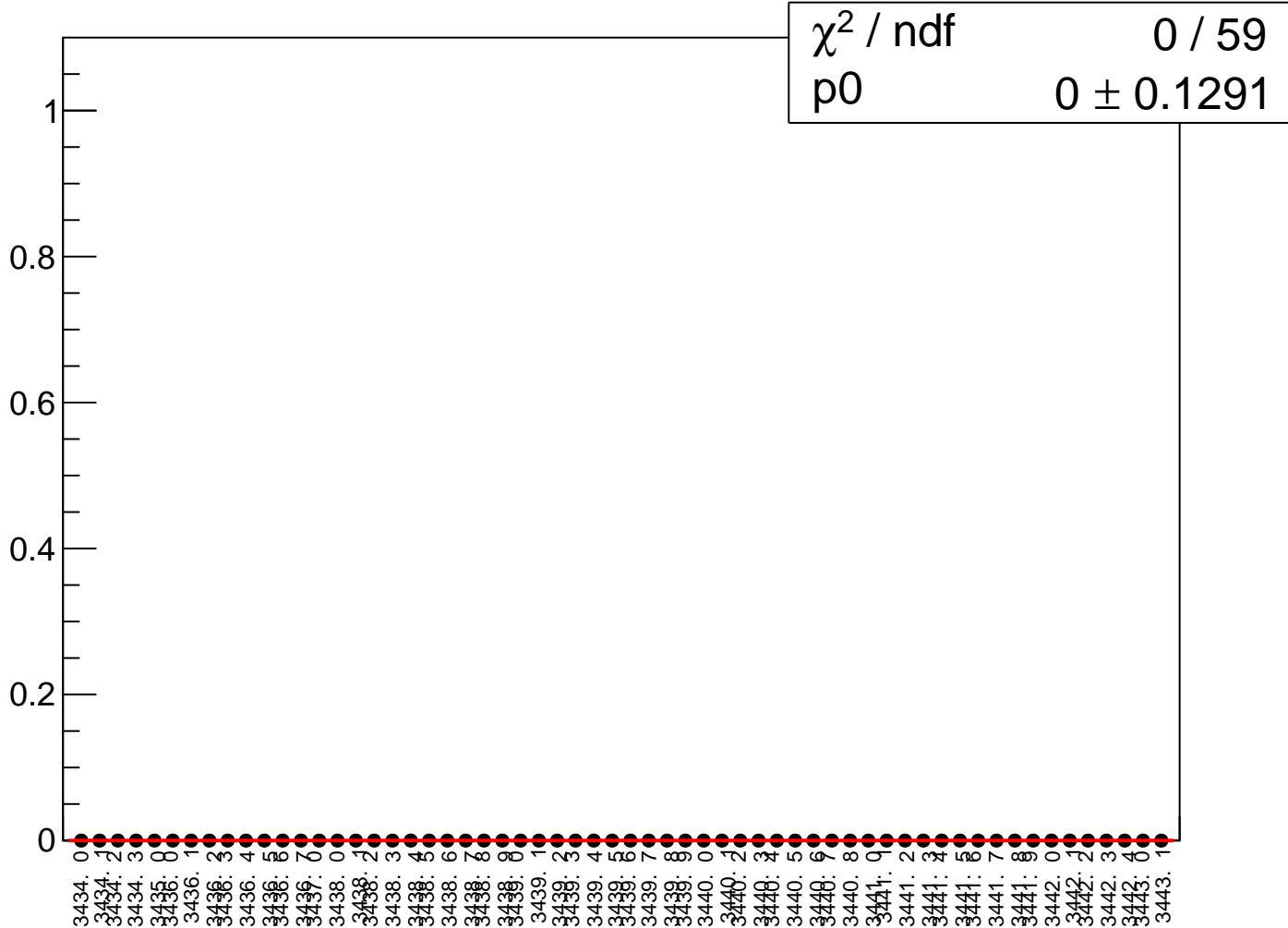


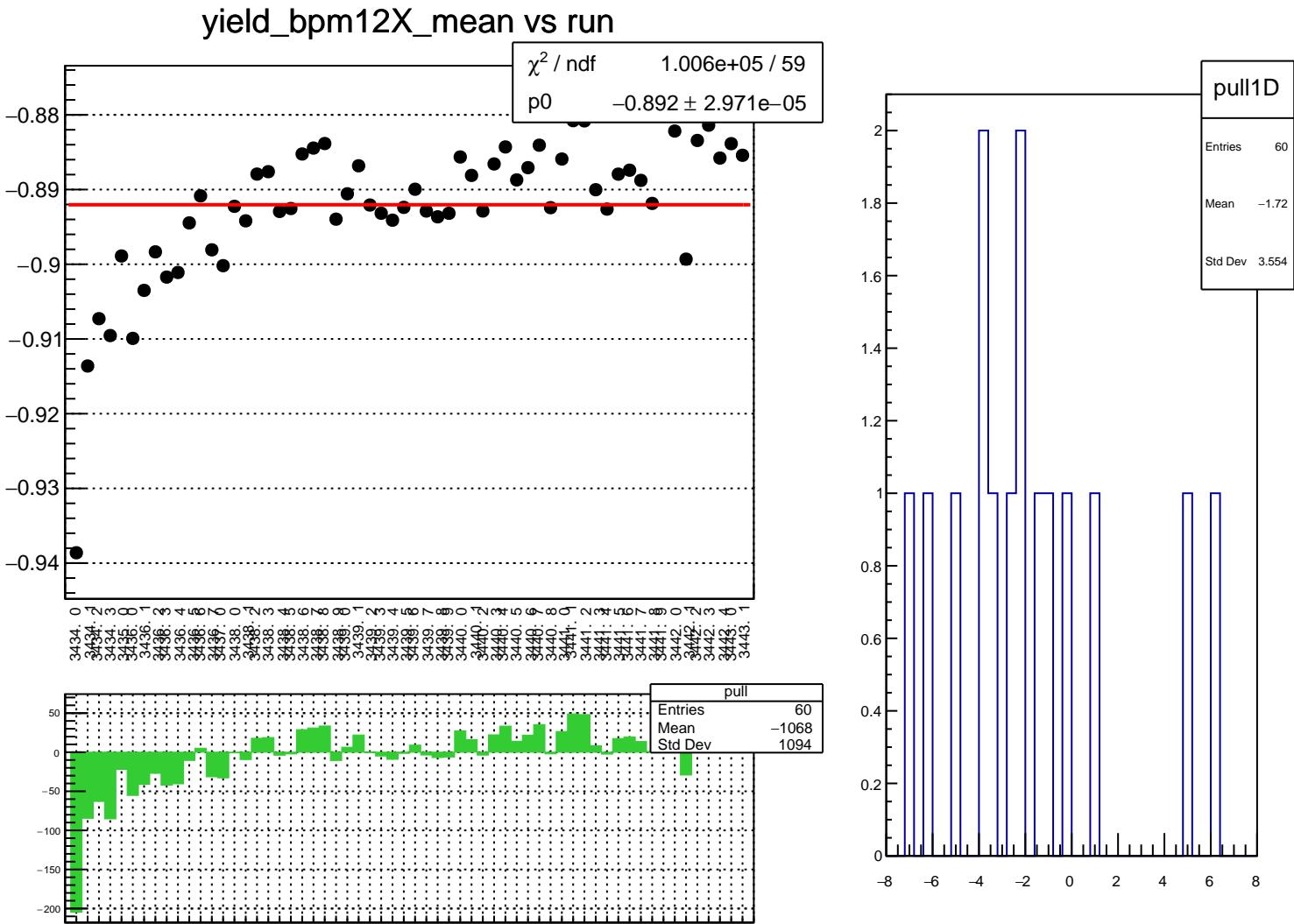
yield_bpm14X_rms vs run



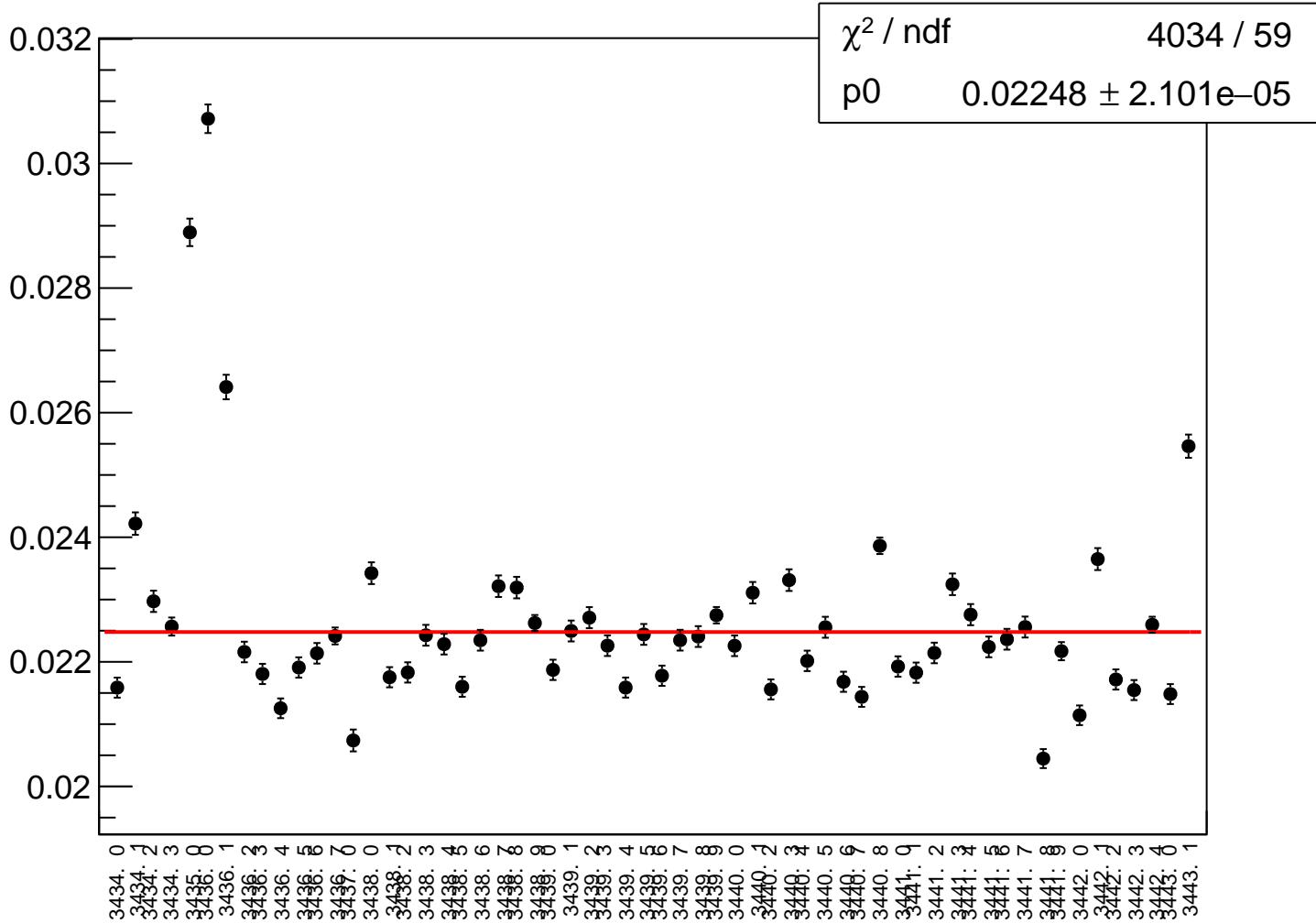


yield_bpm14Y_rms vs run

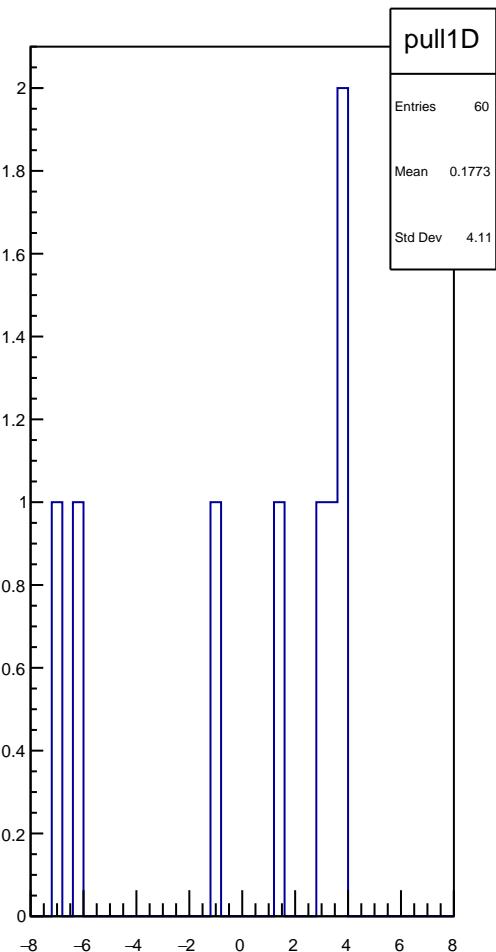
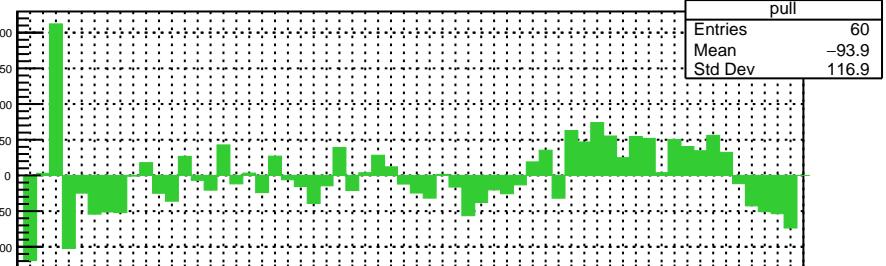
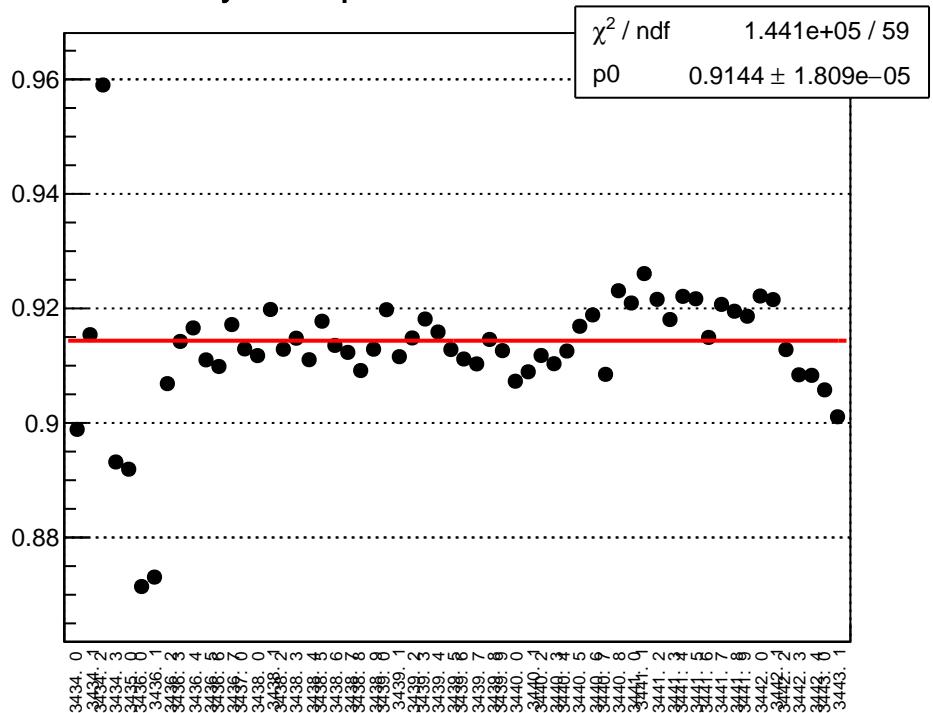




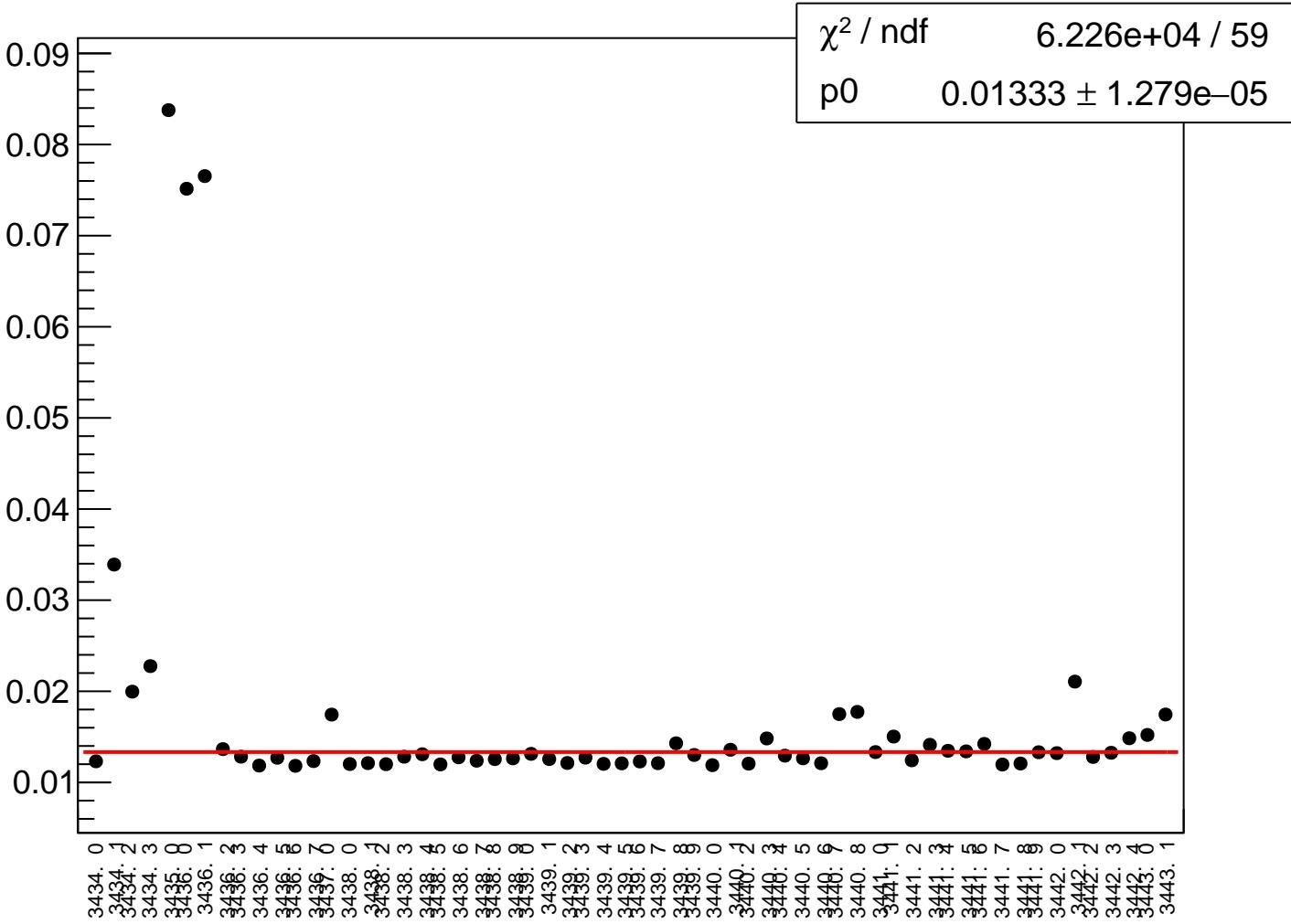
yield_bpm12X_rms vs run



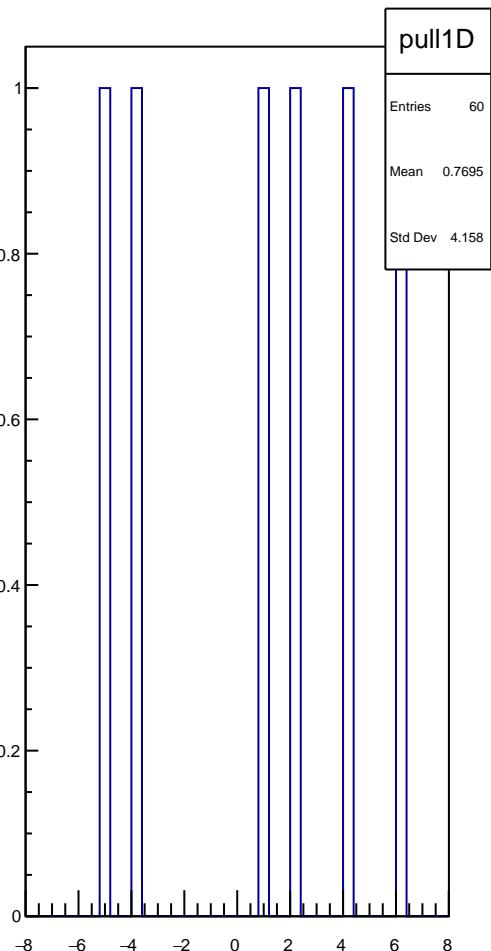
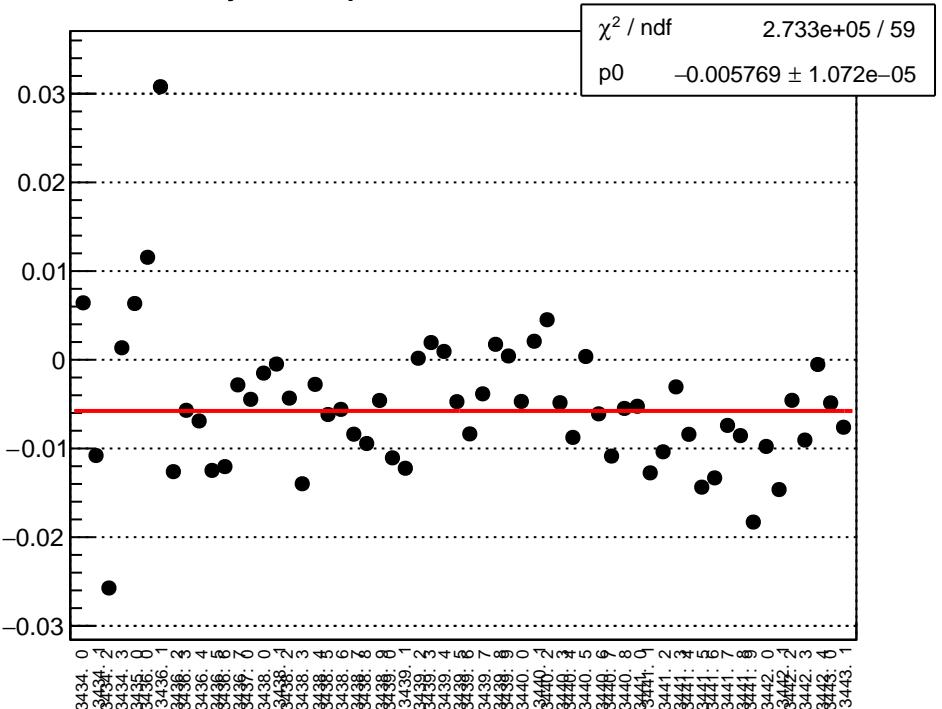
yield_bpm12Y_mean vs run



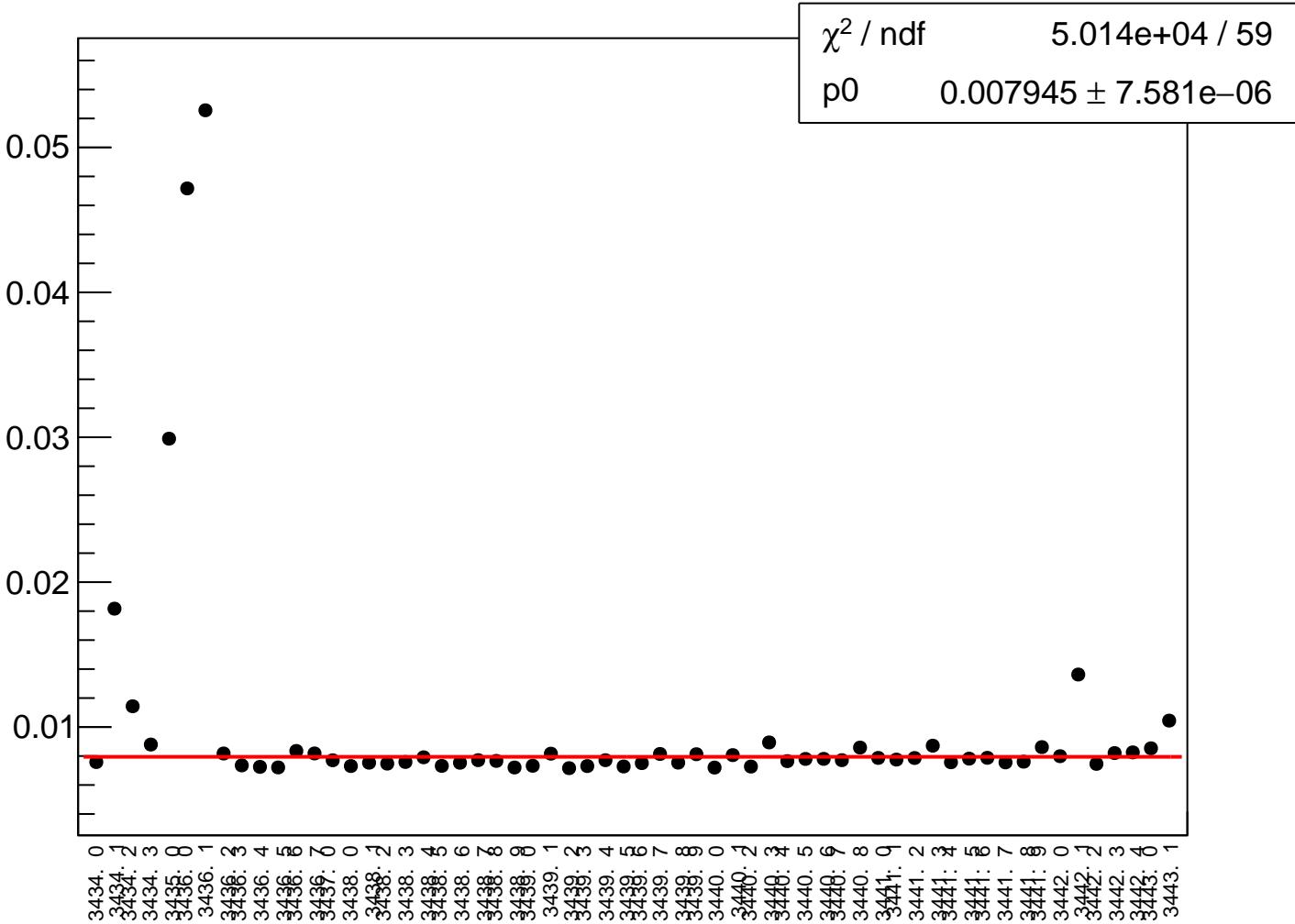
yield_bpm12Y_rms vs run



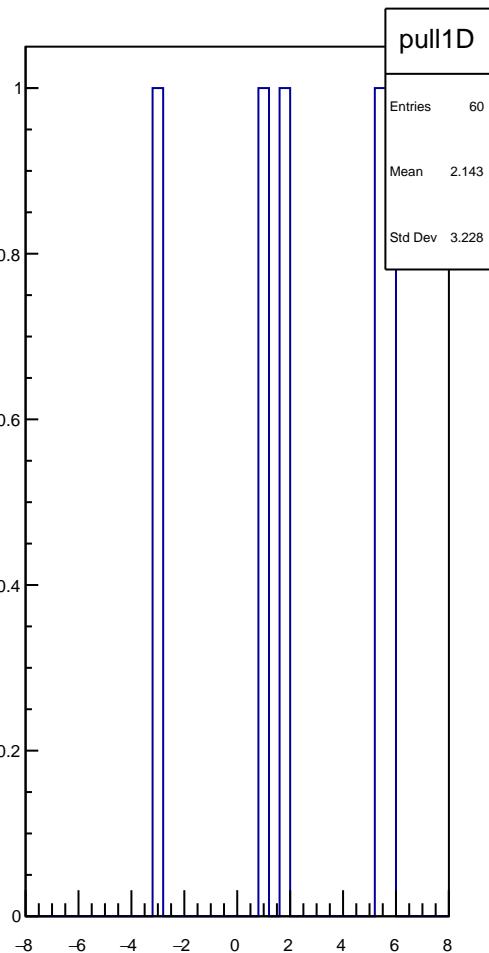
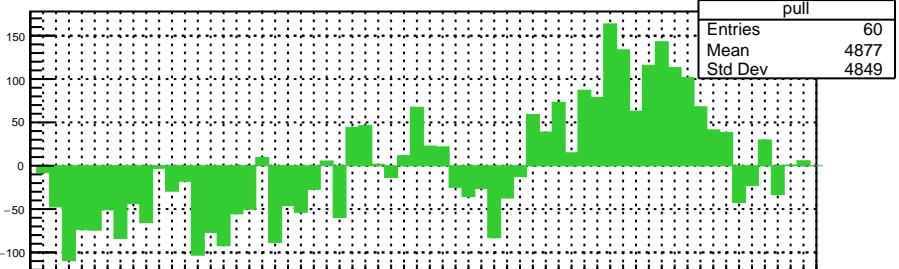
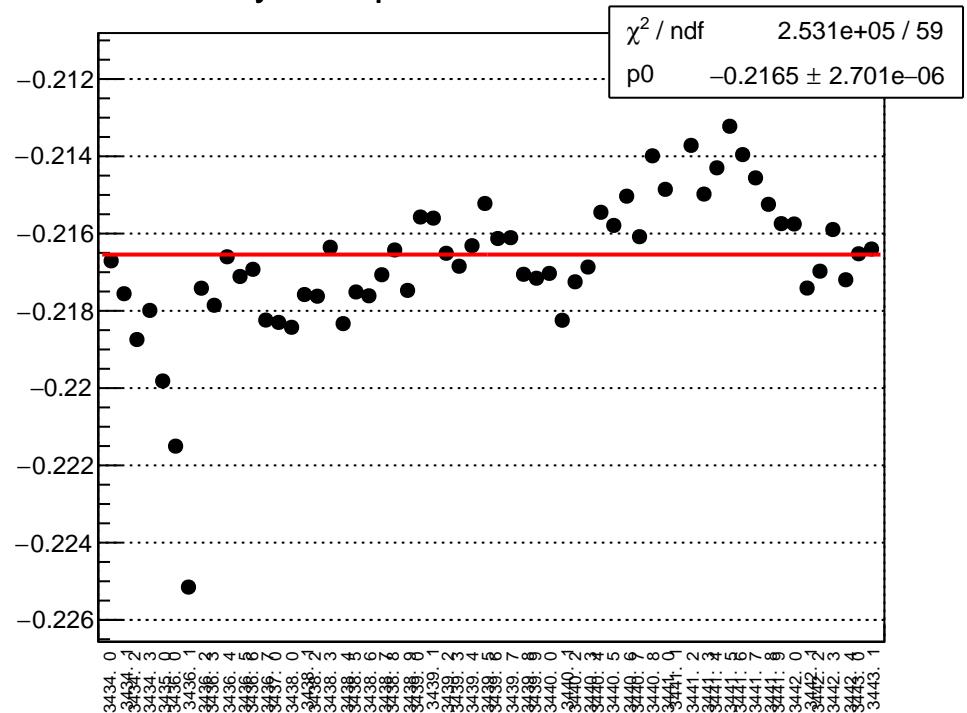
yield_bpm16X_mean vs run



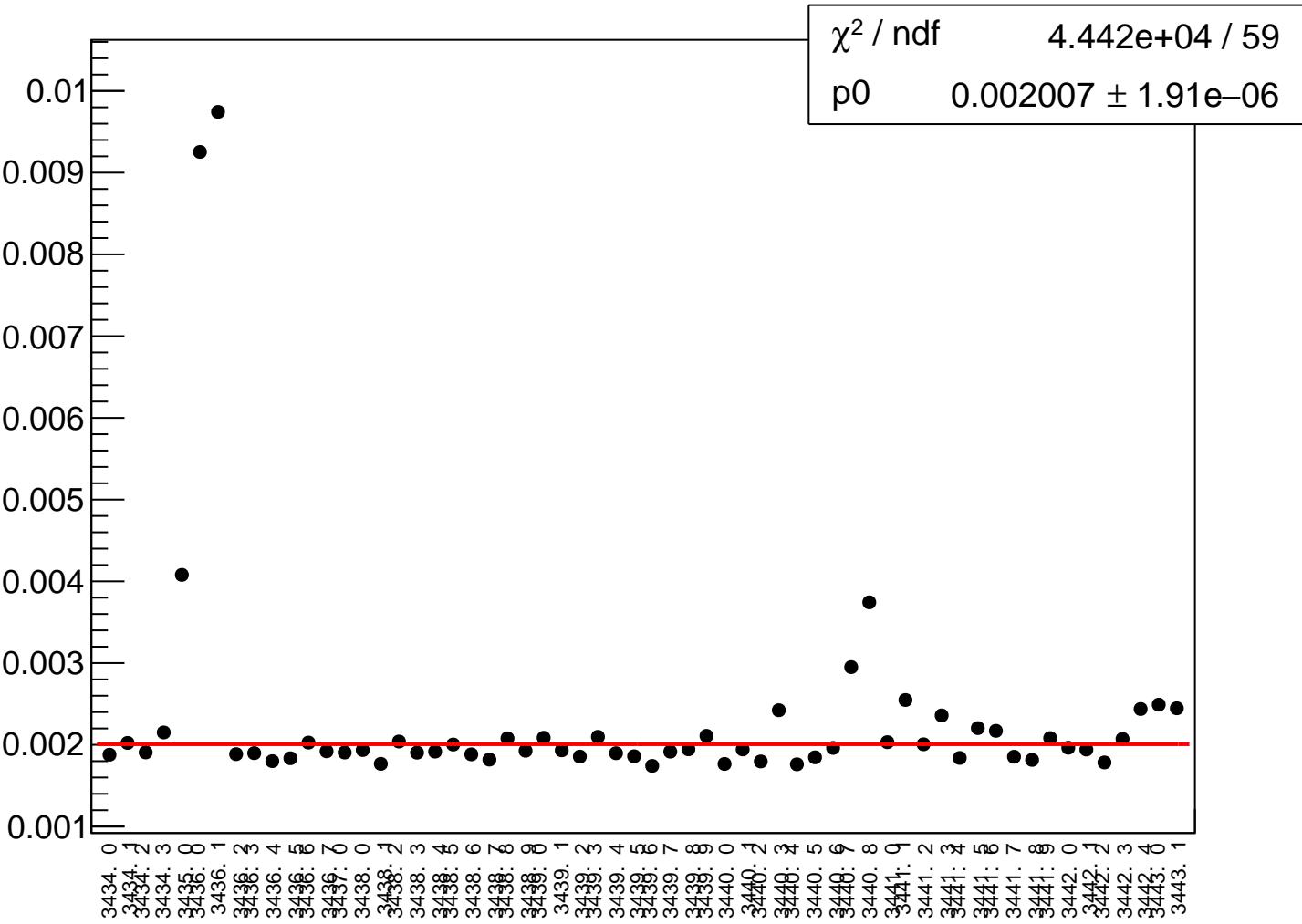
yield_bpm16X_rms vs run



yield_bpm16Y_mean vs run

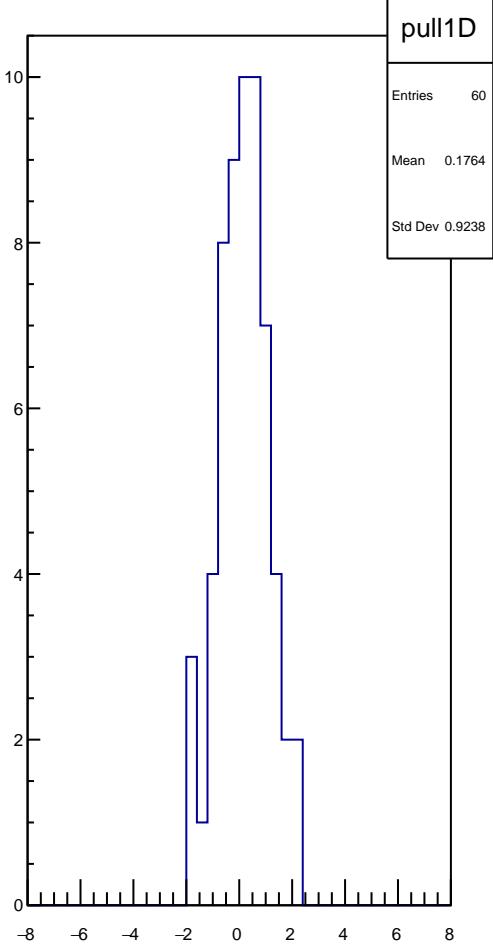
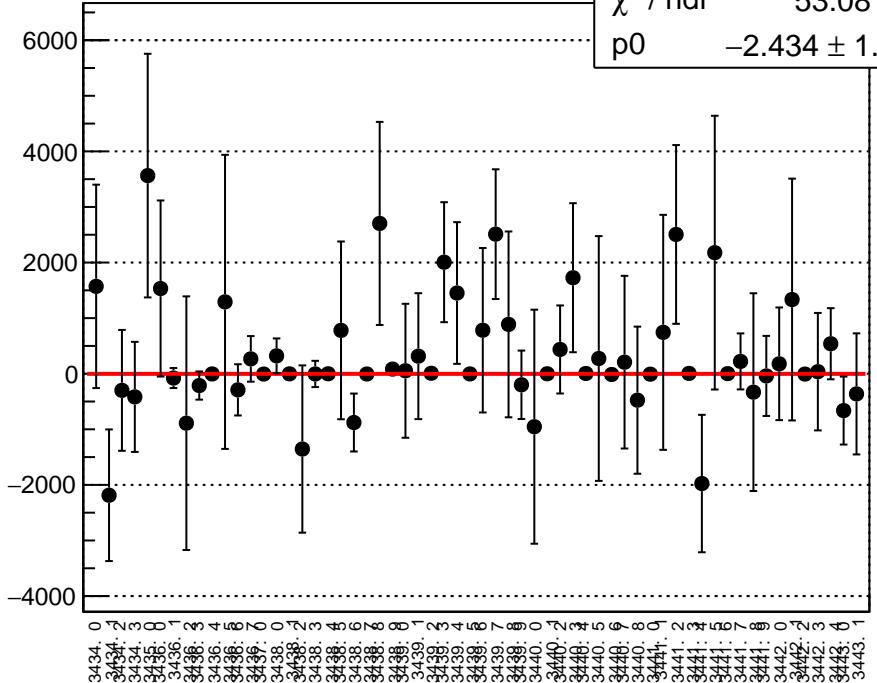


yield_bpm16Y_rms vs run

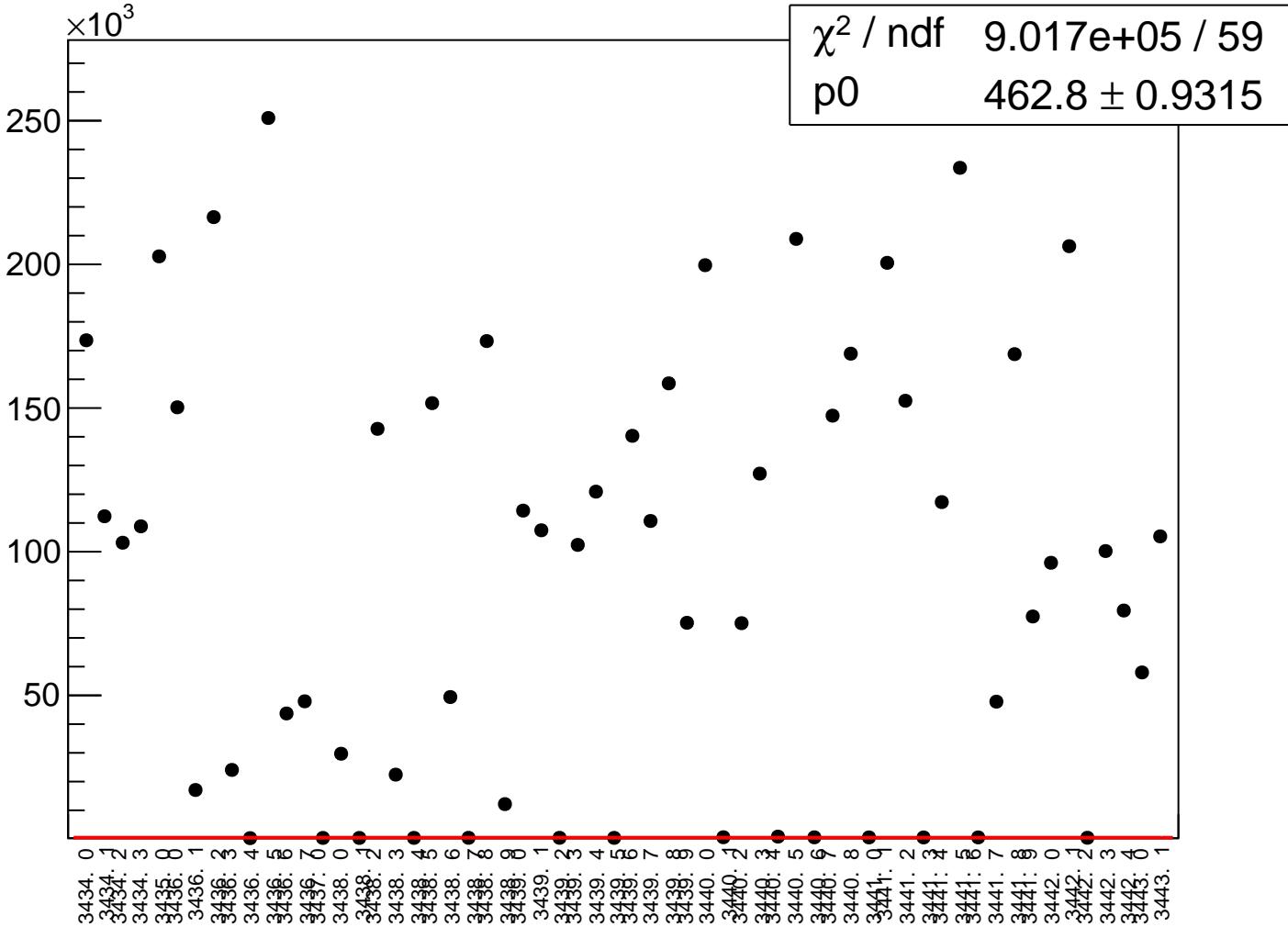


diff_cav4bX_mean vs run

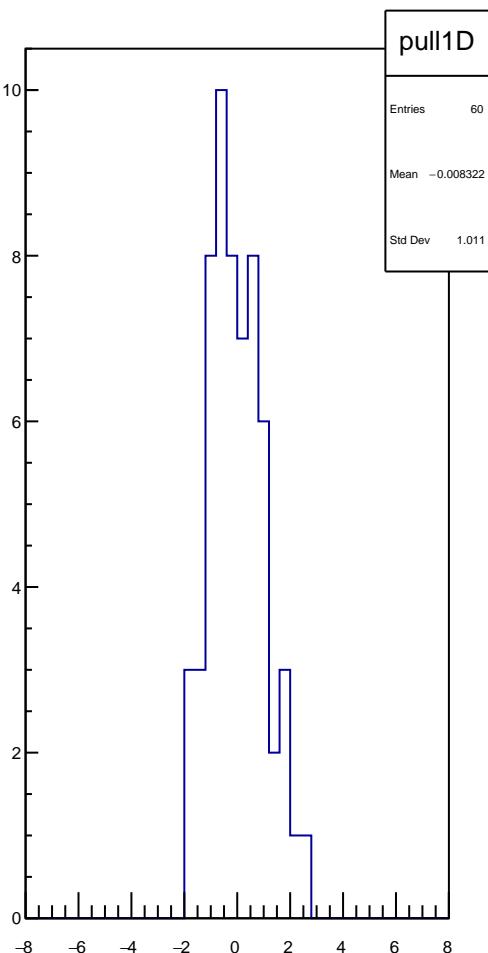
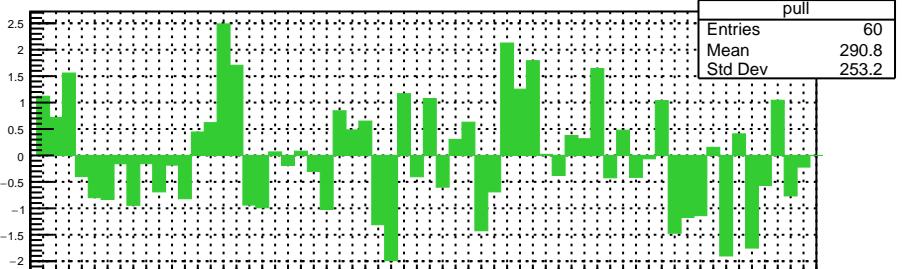
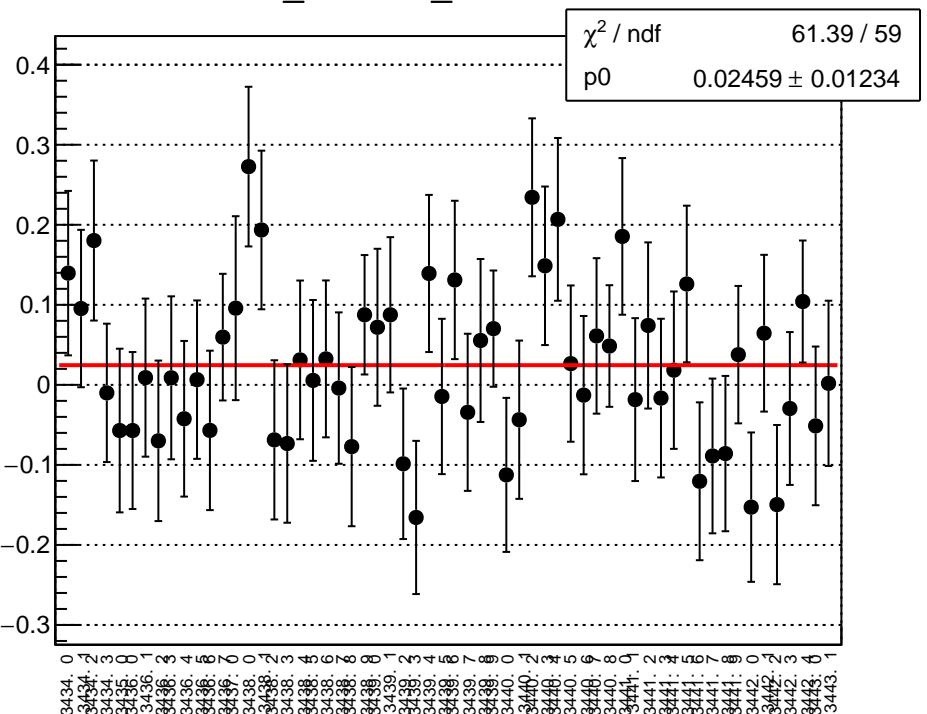
χ^2 / ndf 53.08 / 59
p0 -2.434 ± 1.317



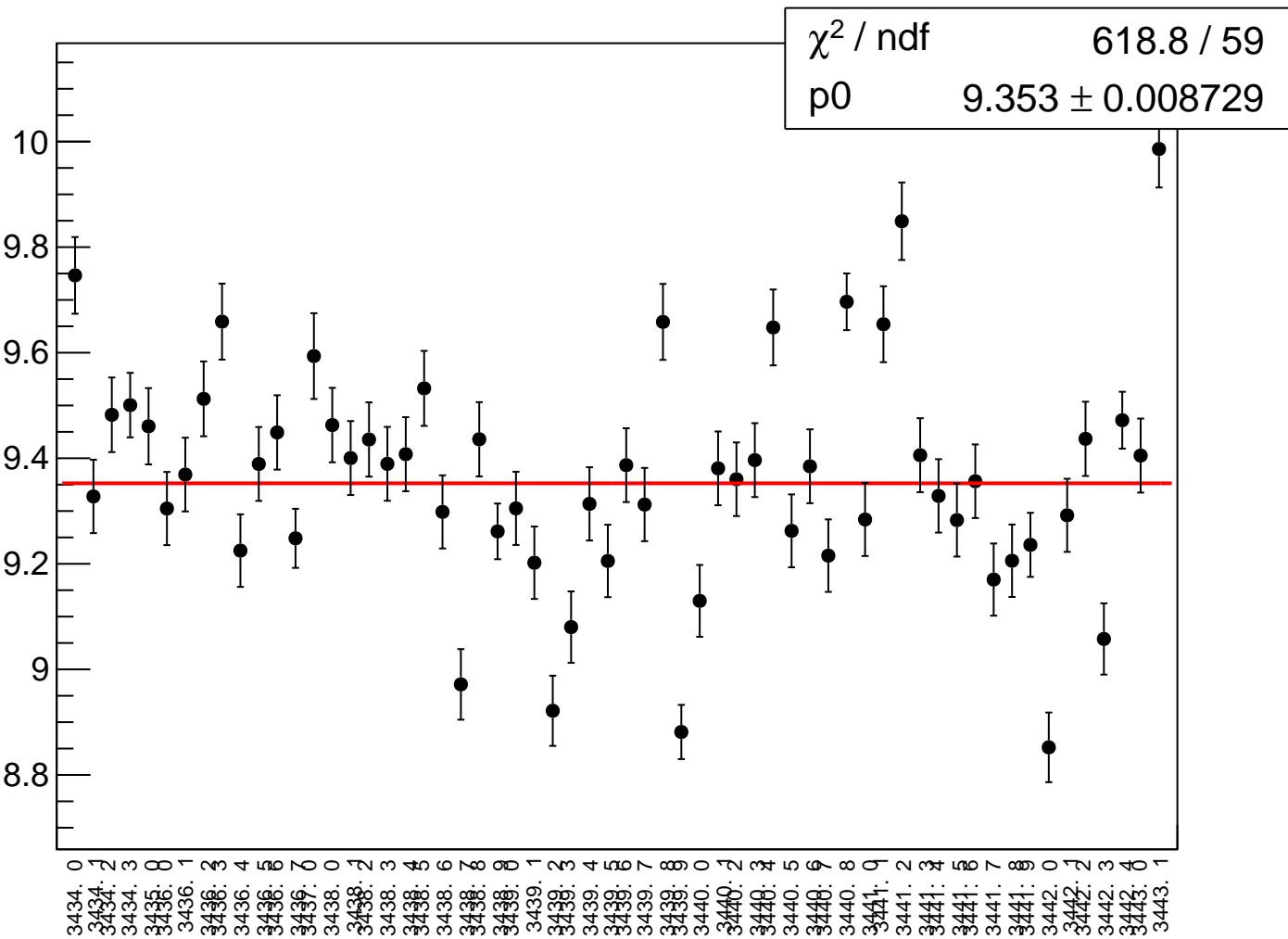
diff_cav4bX_rms vs run



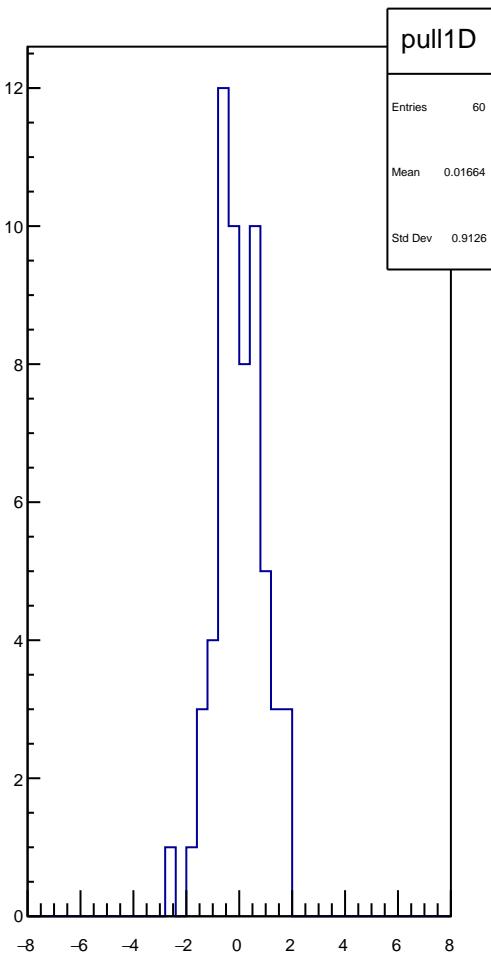
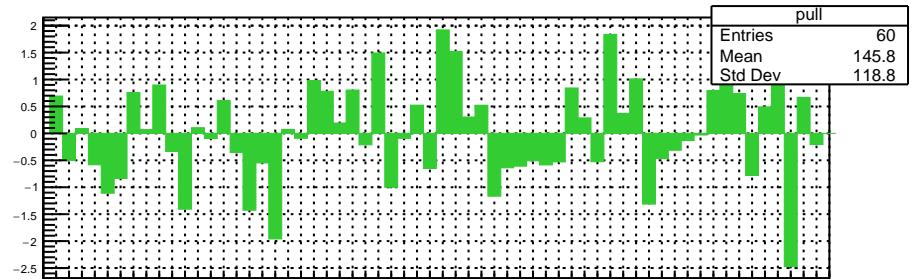
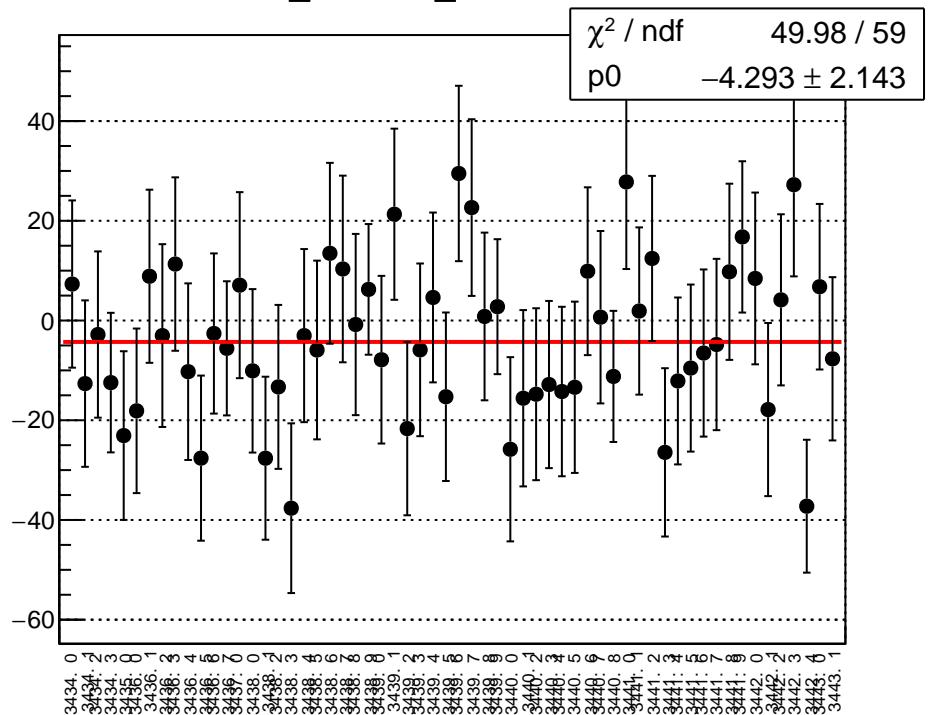
diff_cav4bY_mean vs run



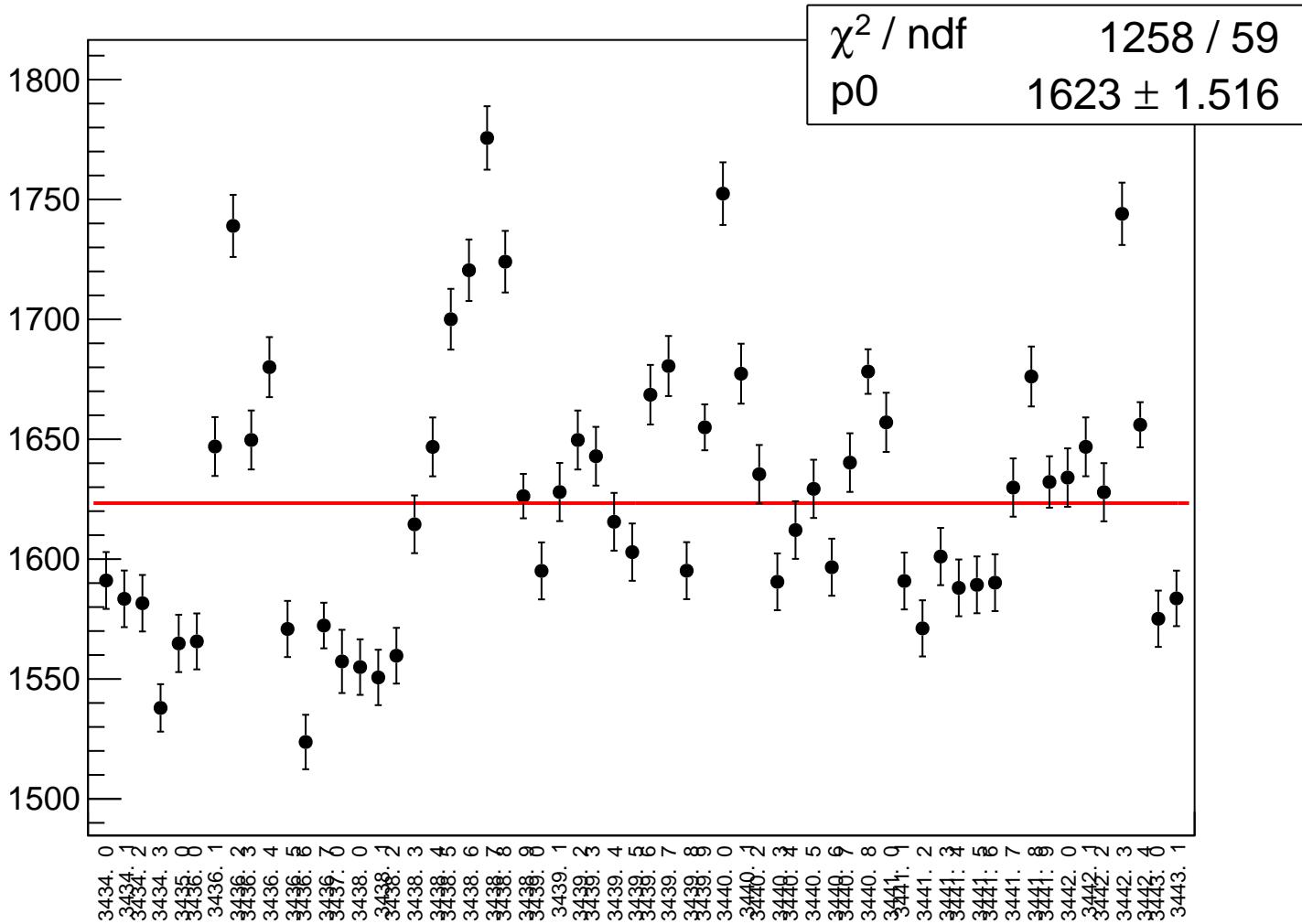
diff_cav4bY_rms vs run



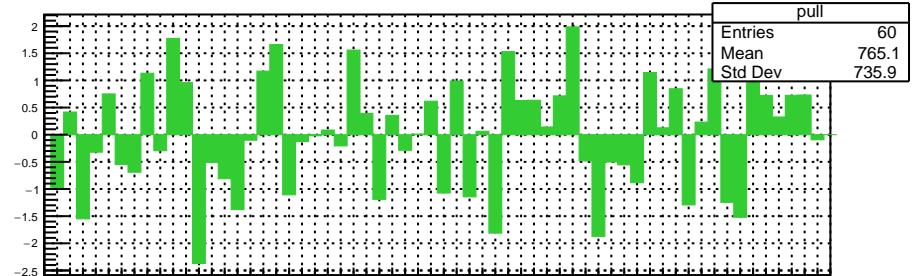
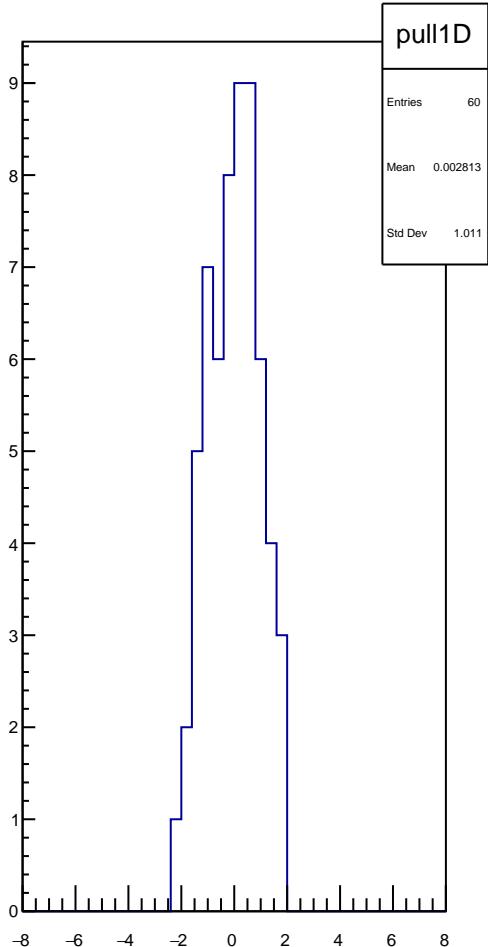
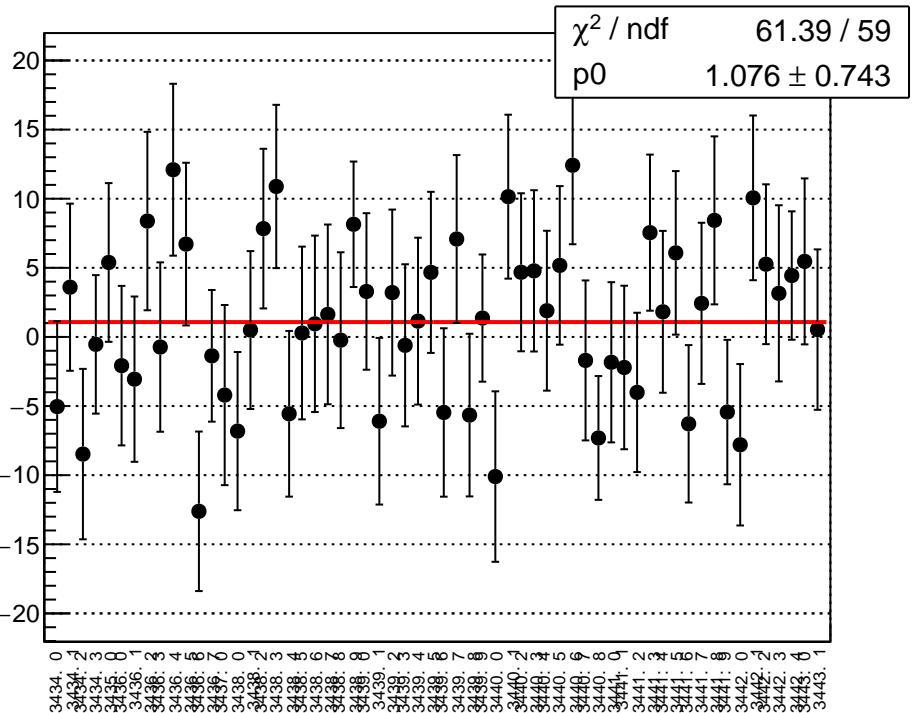
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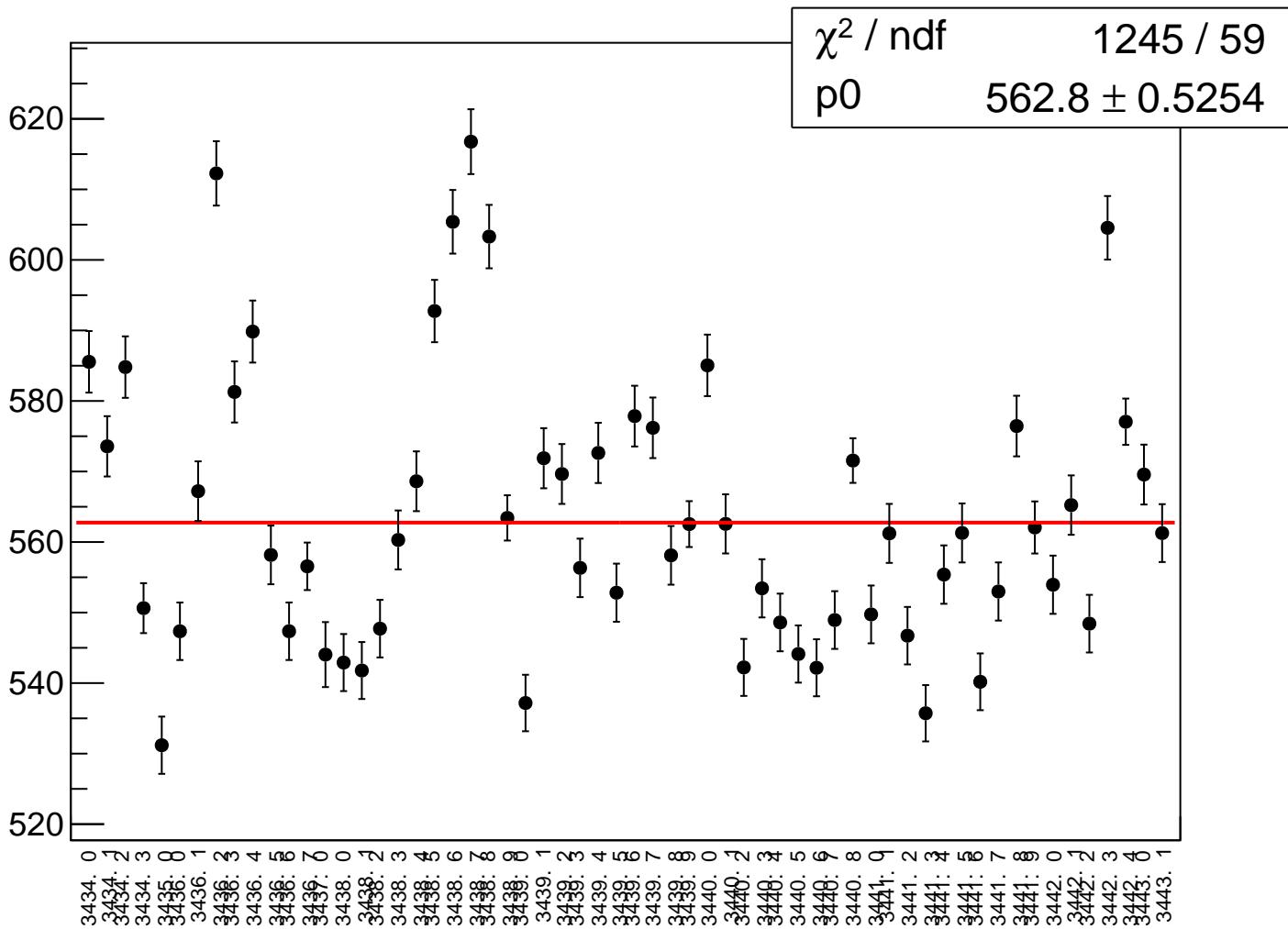
diff_cav4cX_rms vs run



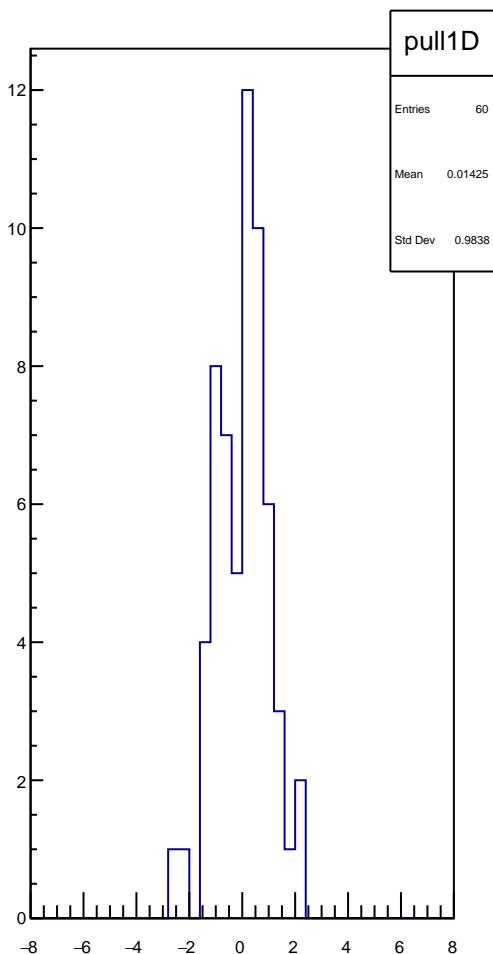
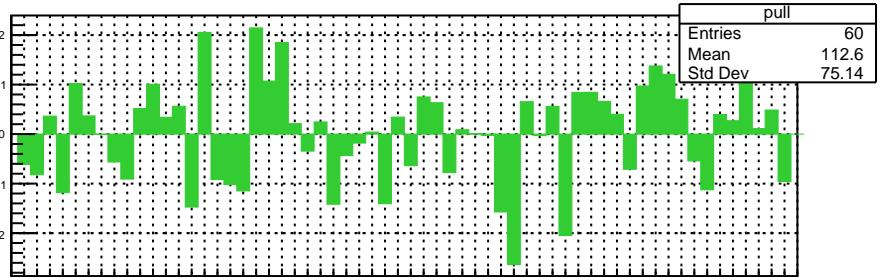
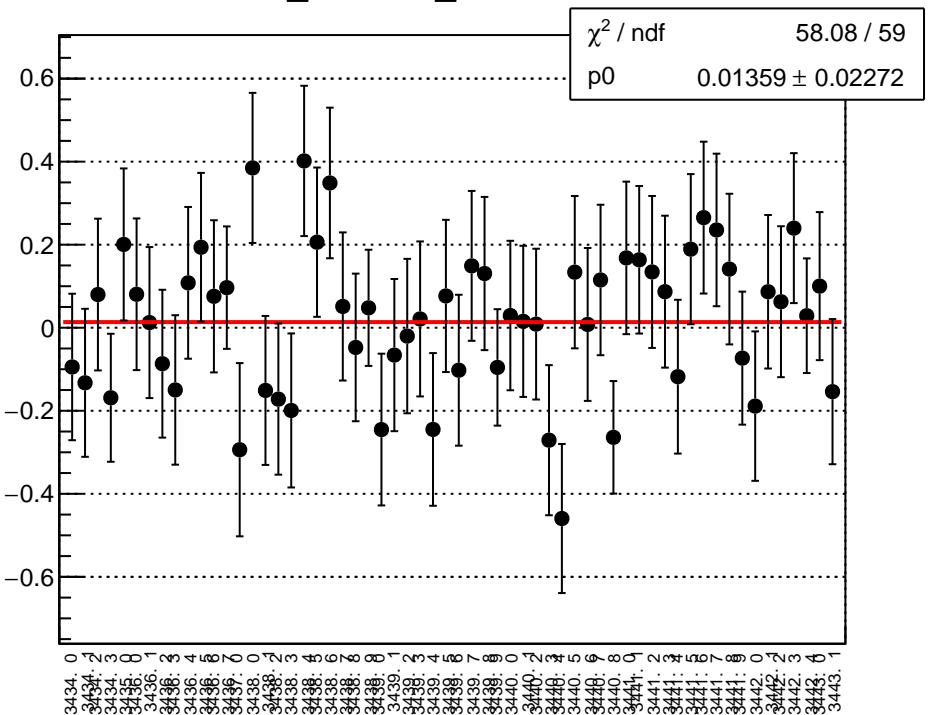
diff_cav4cY_mean vs run



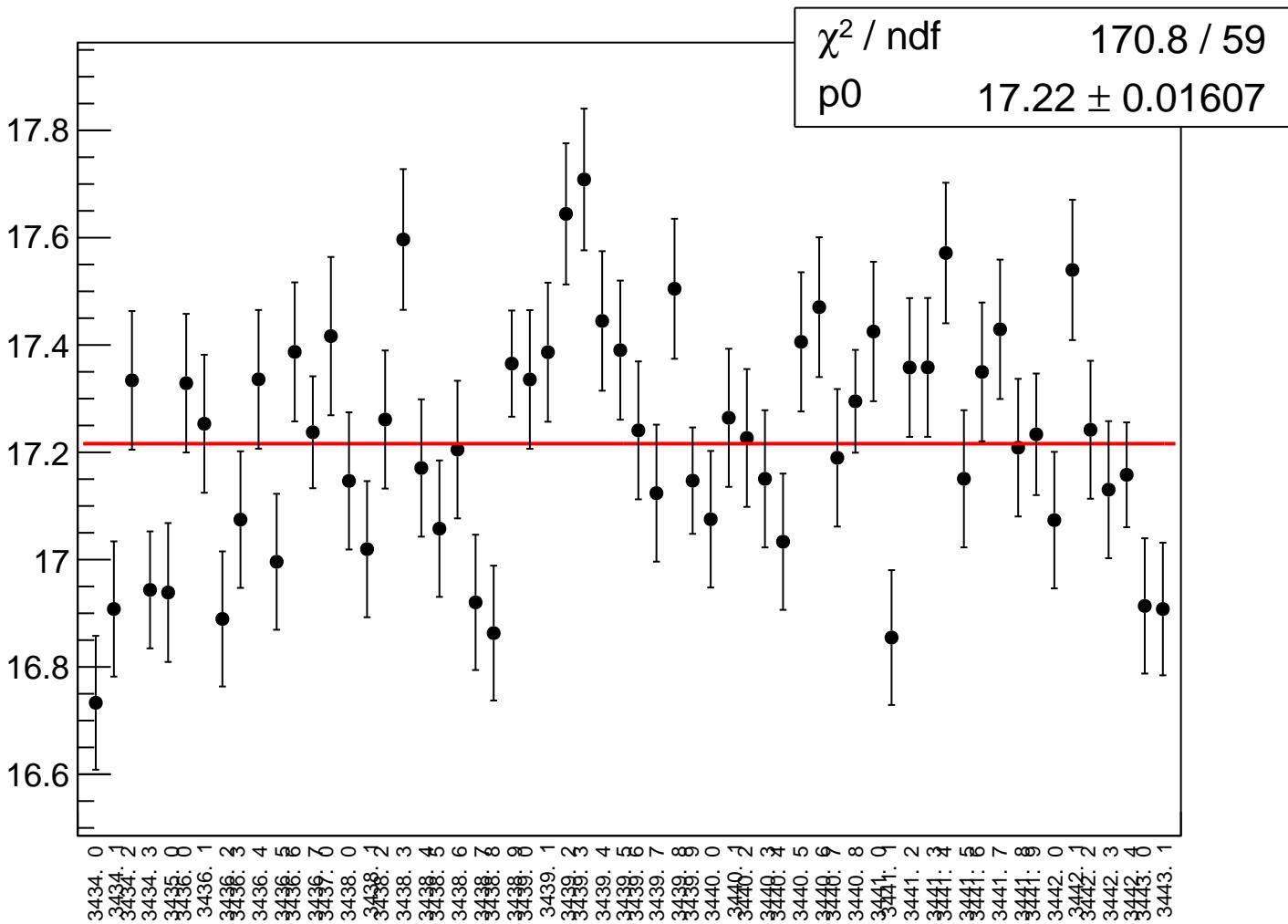
diff_cav4cY_rms vs run



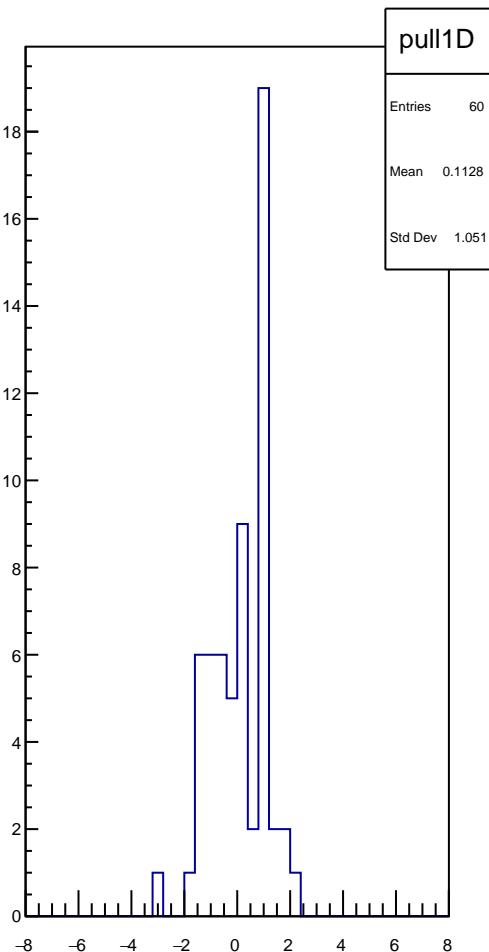
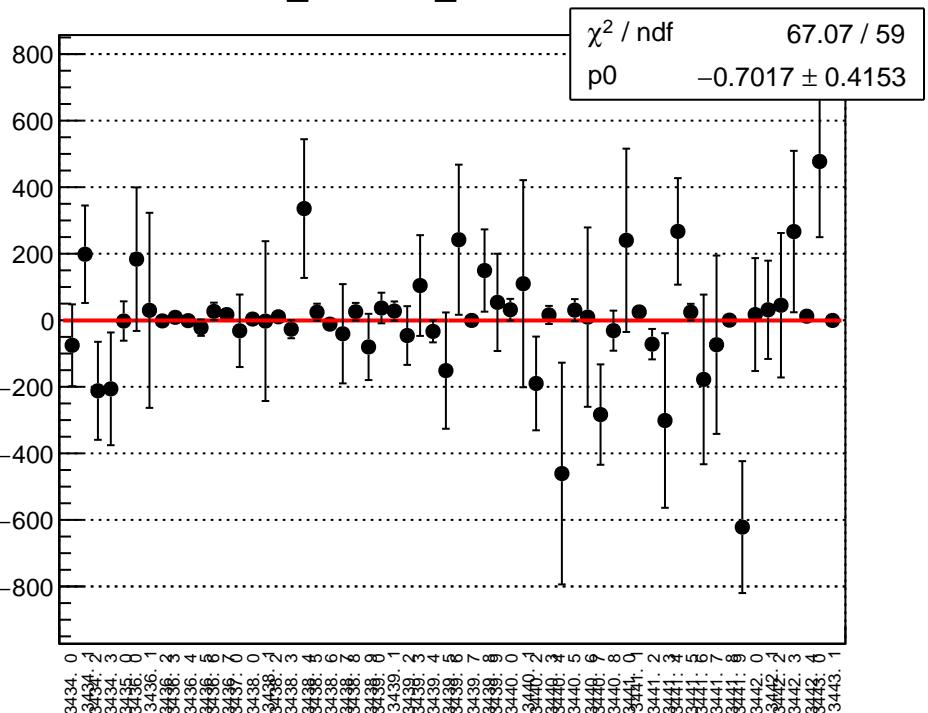
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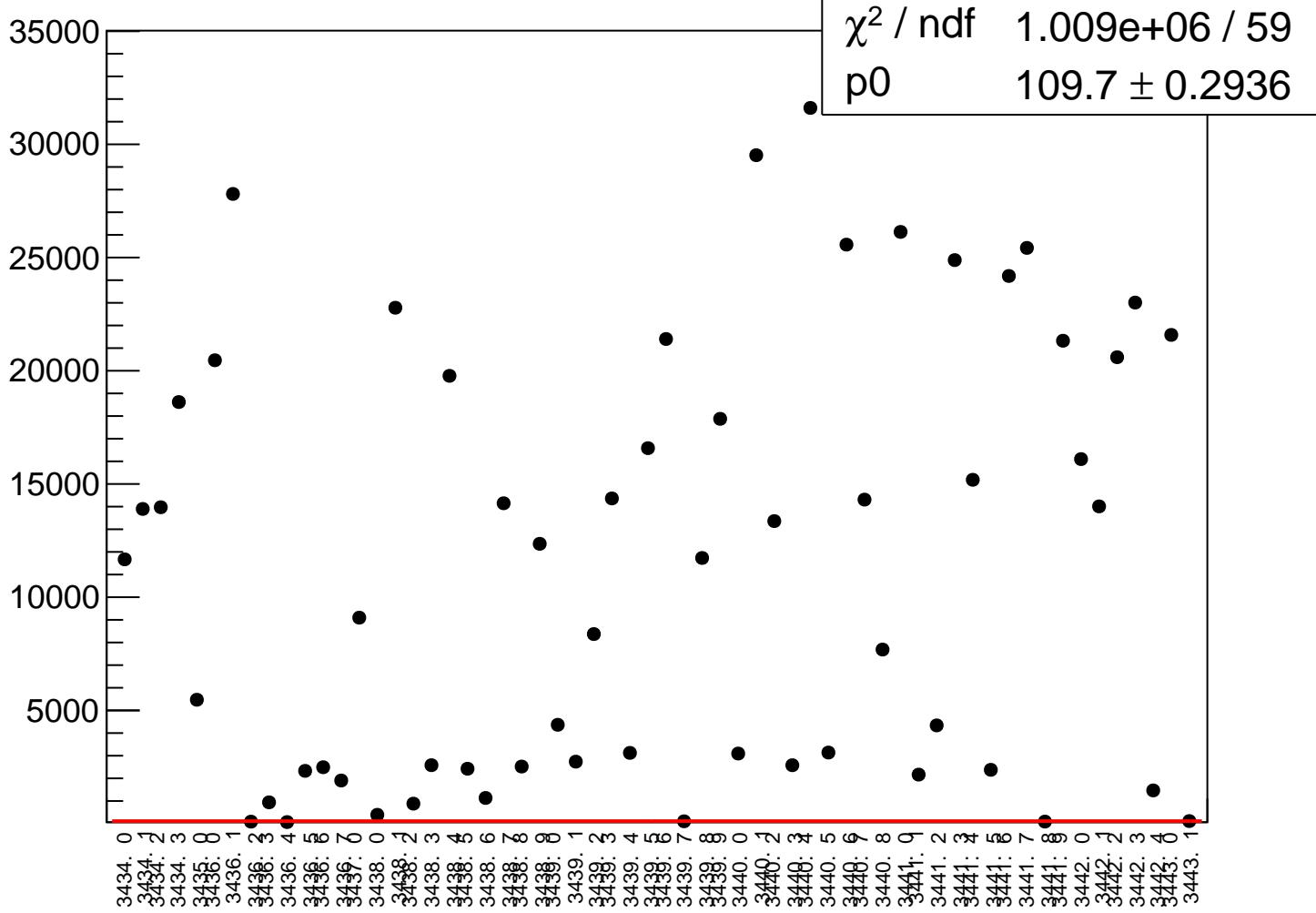
diff_cav4dX_rms vs run

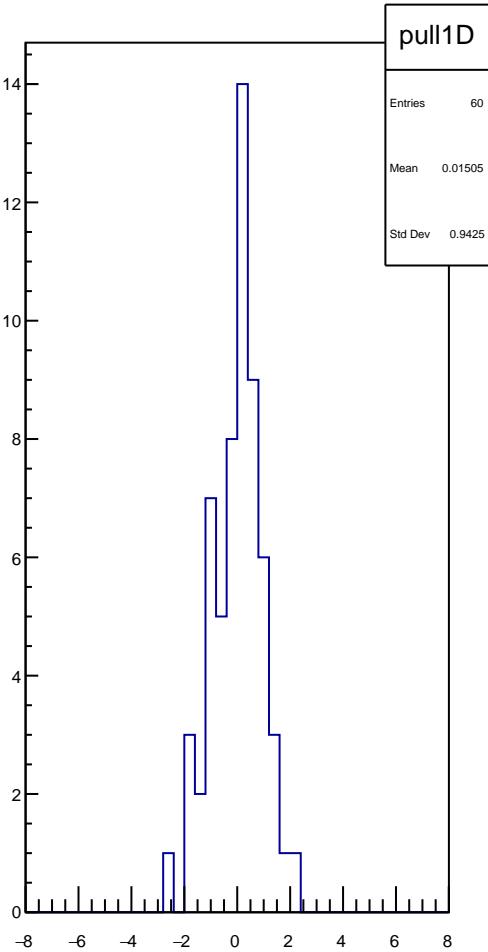
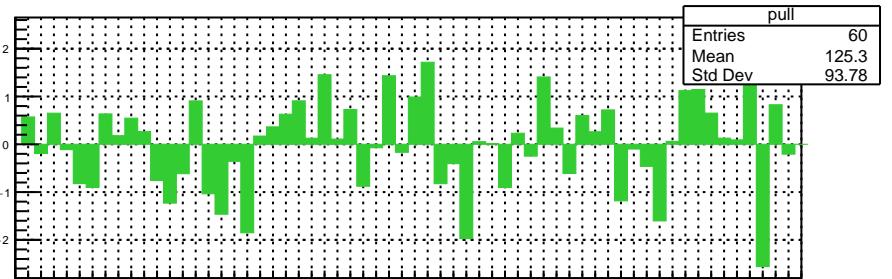
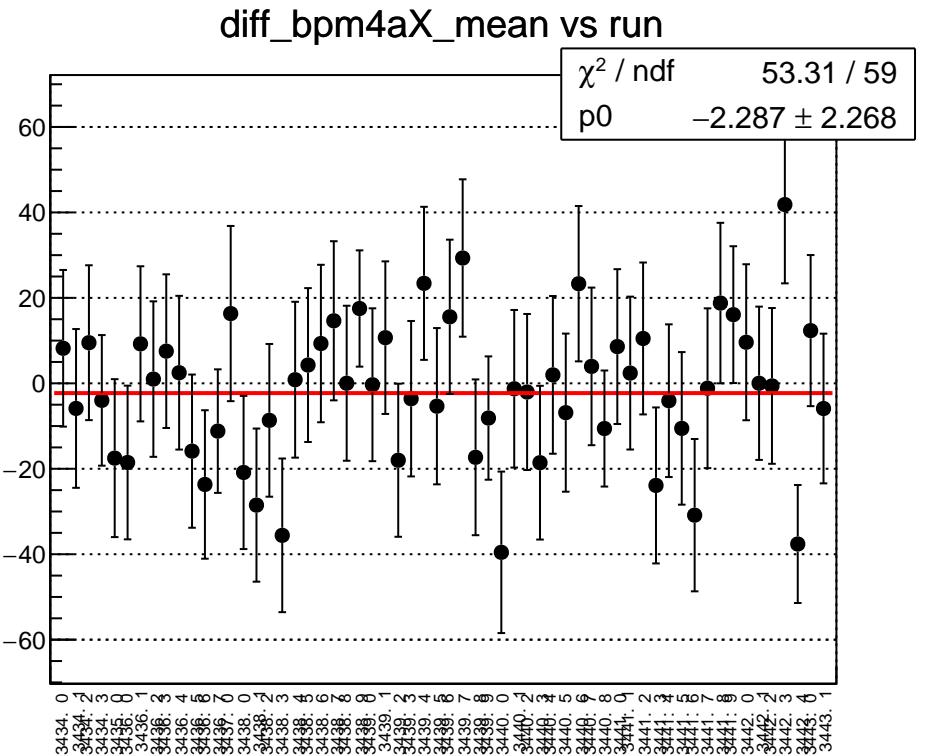


diff_cav4dY_mean vs run

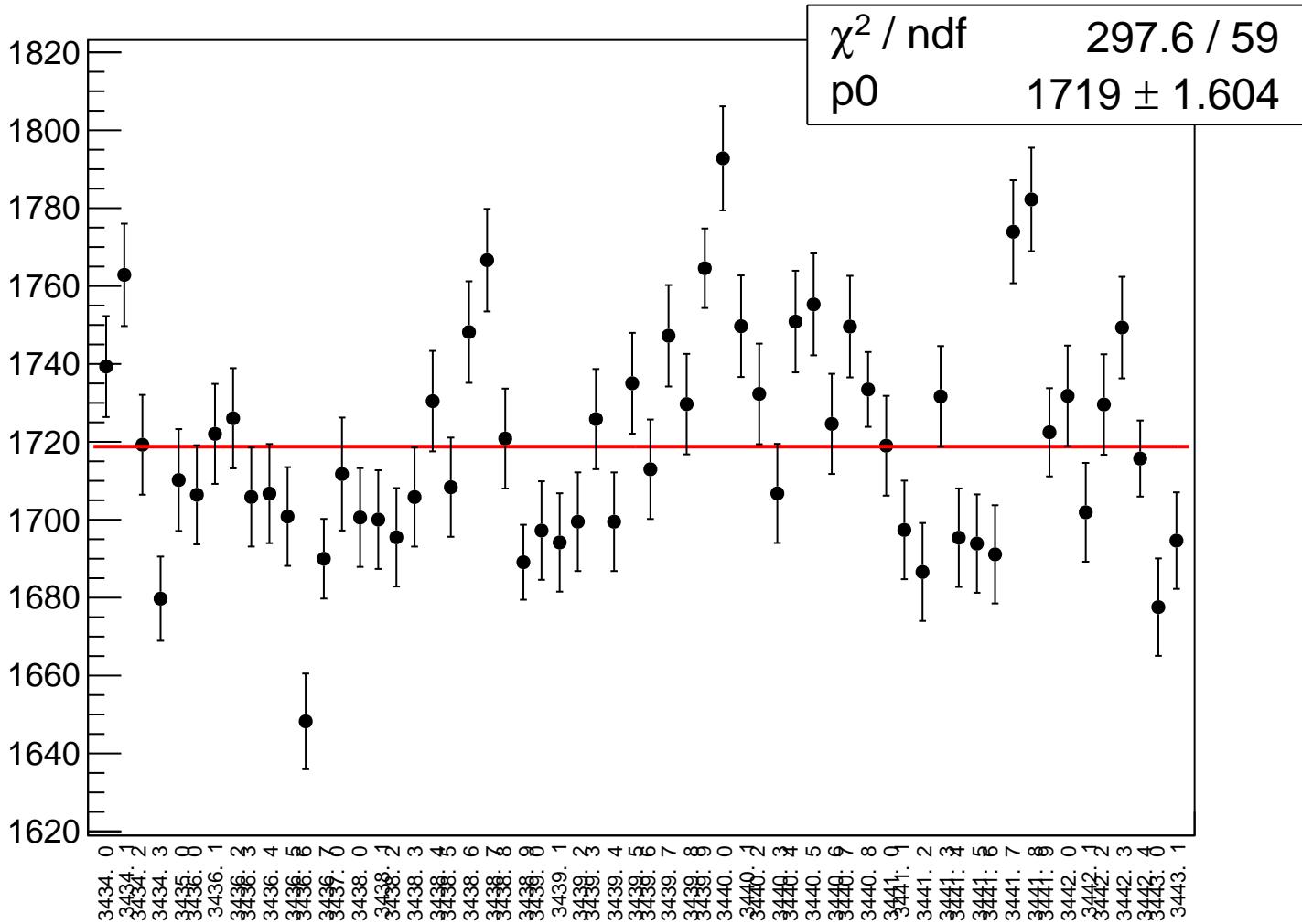


diff_cav4dY_rms vs run

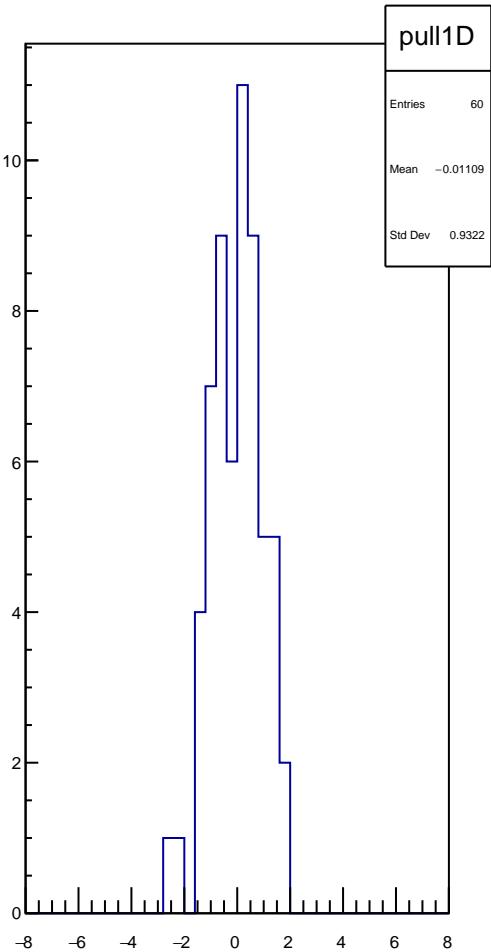
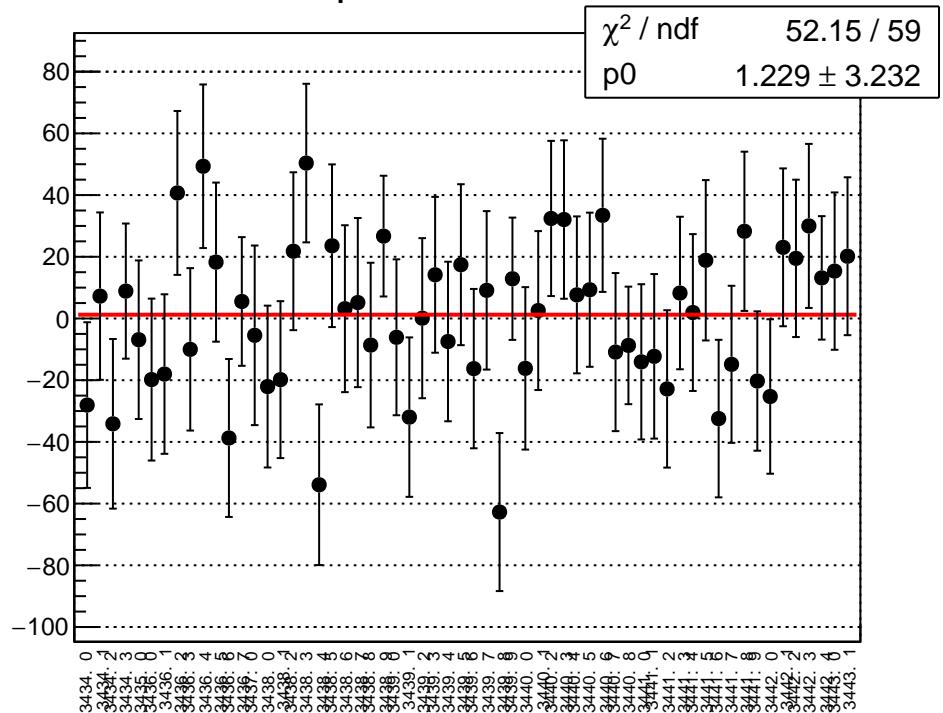




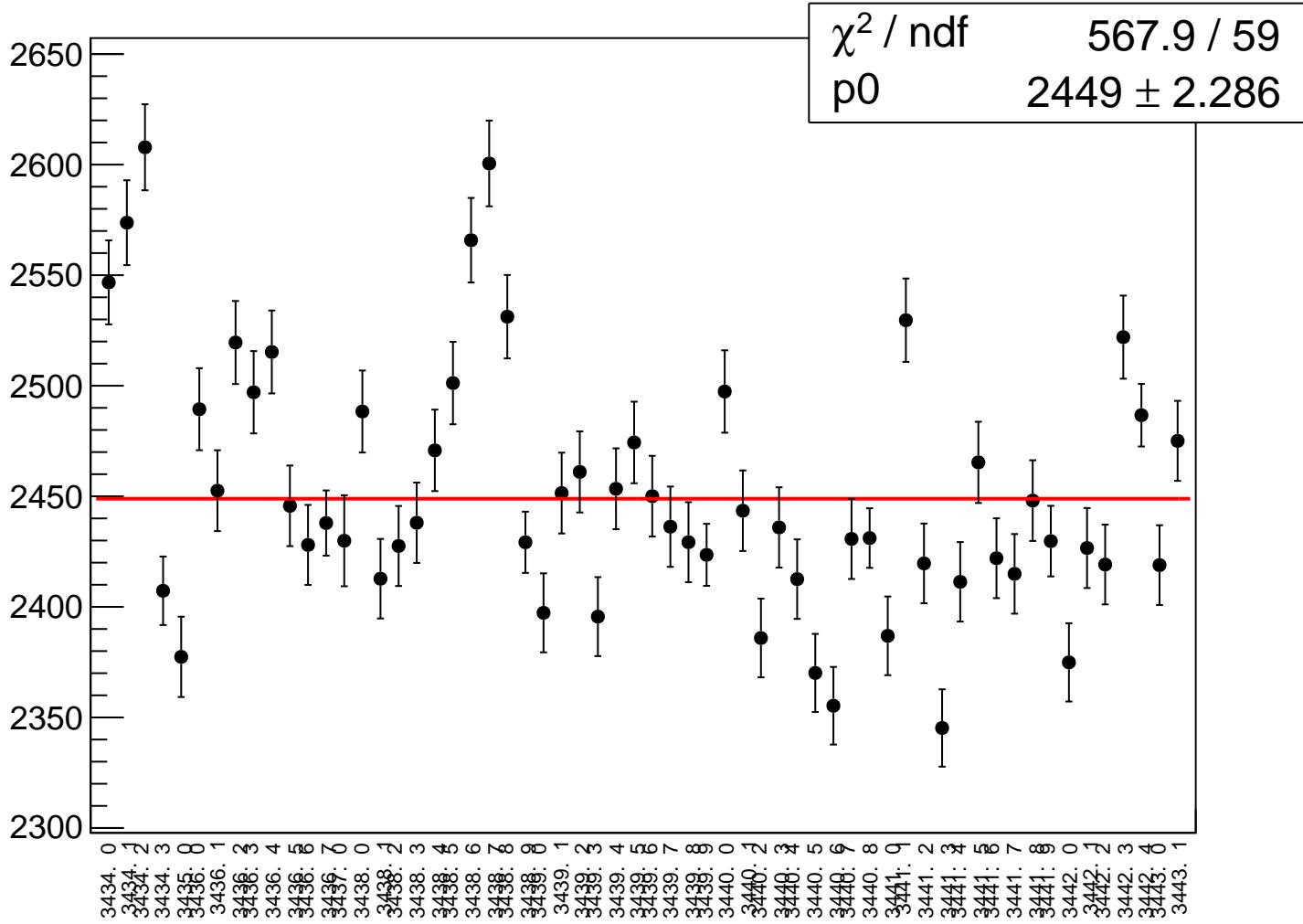
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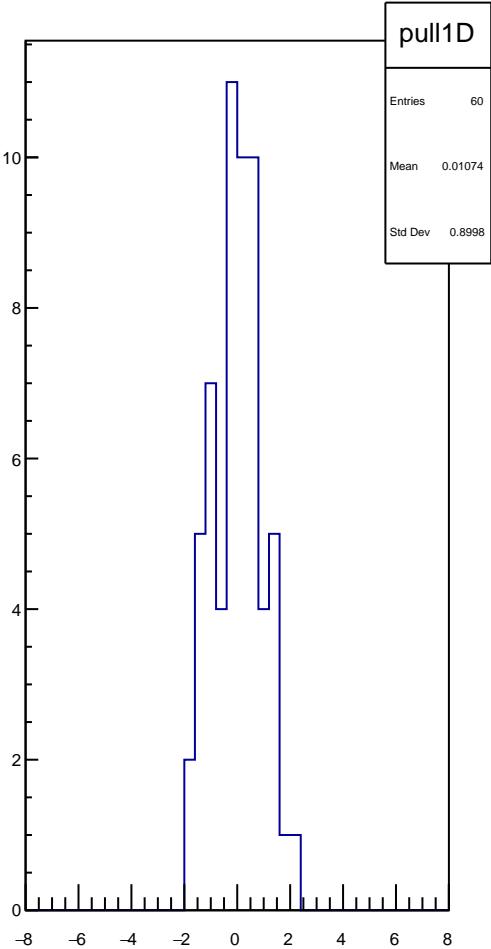
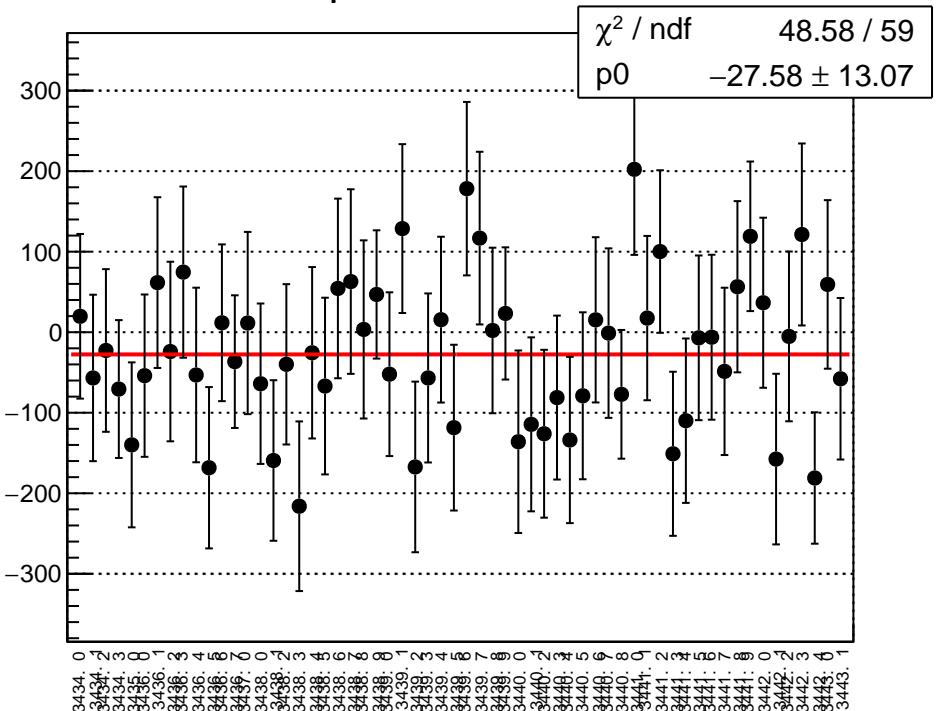
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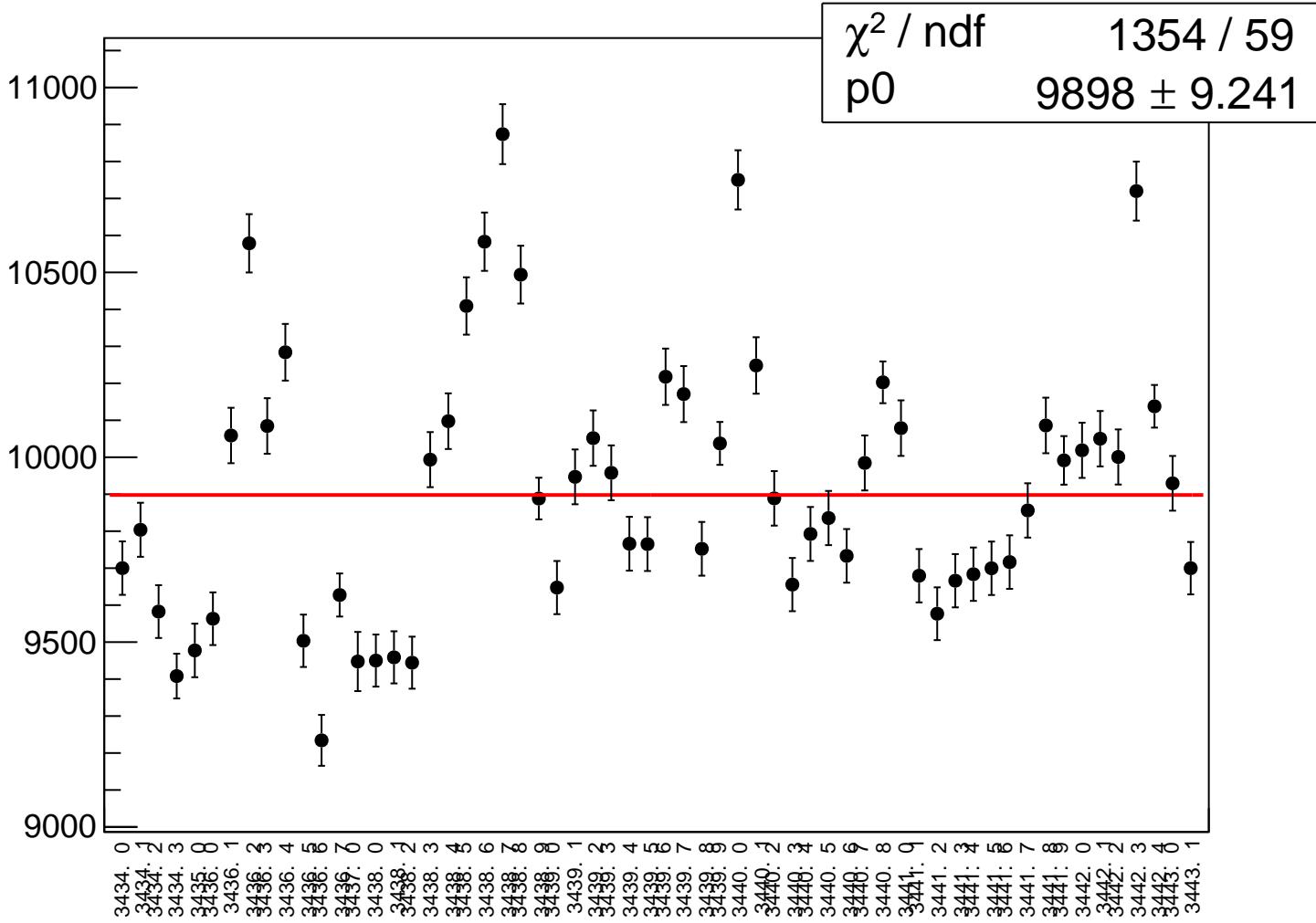
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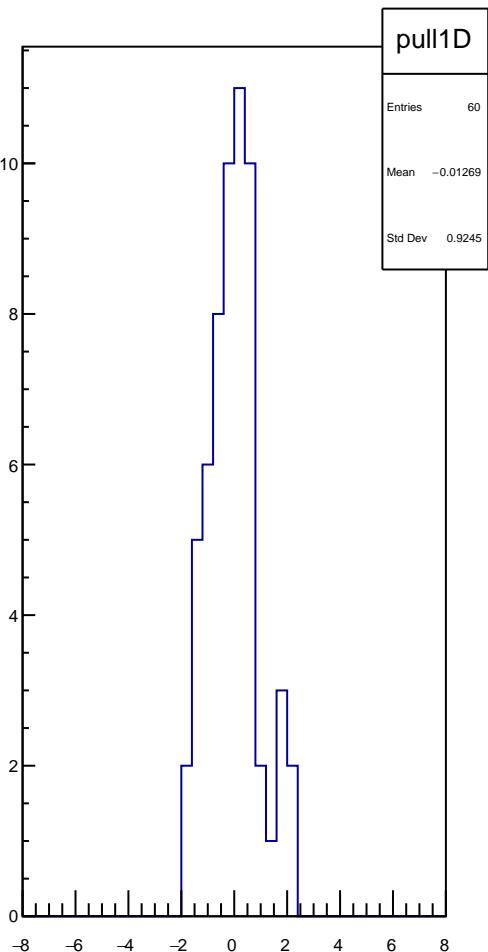
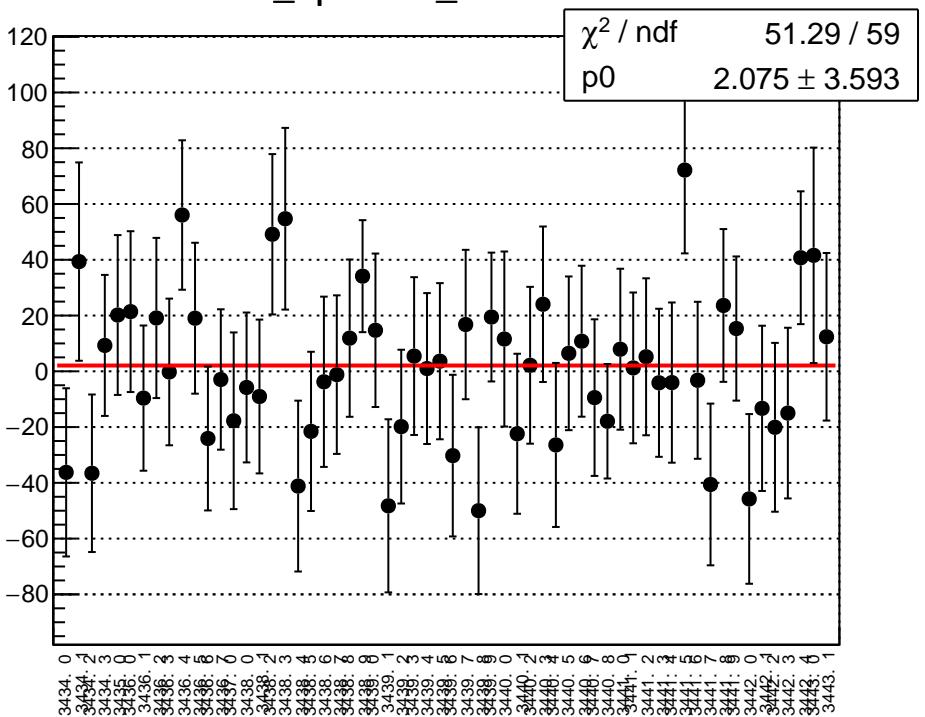
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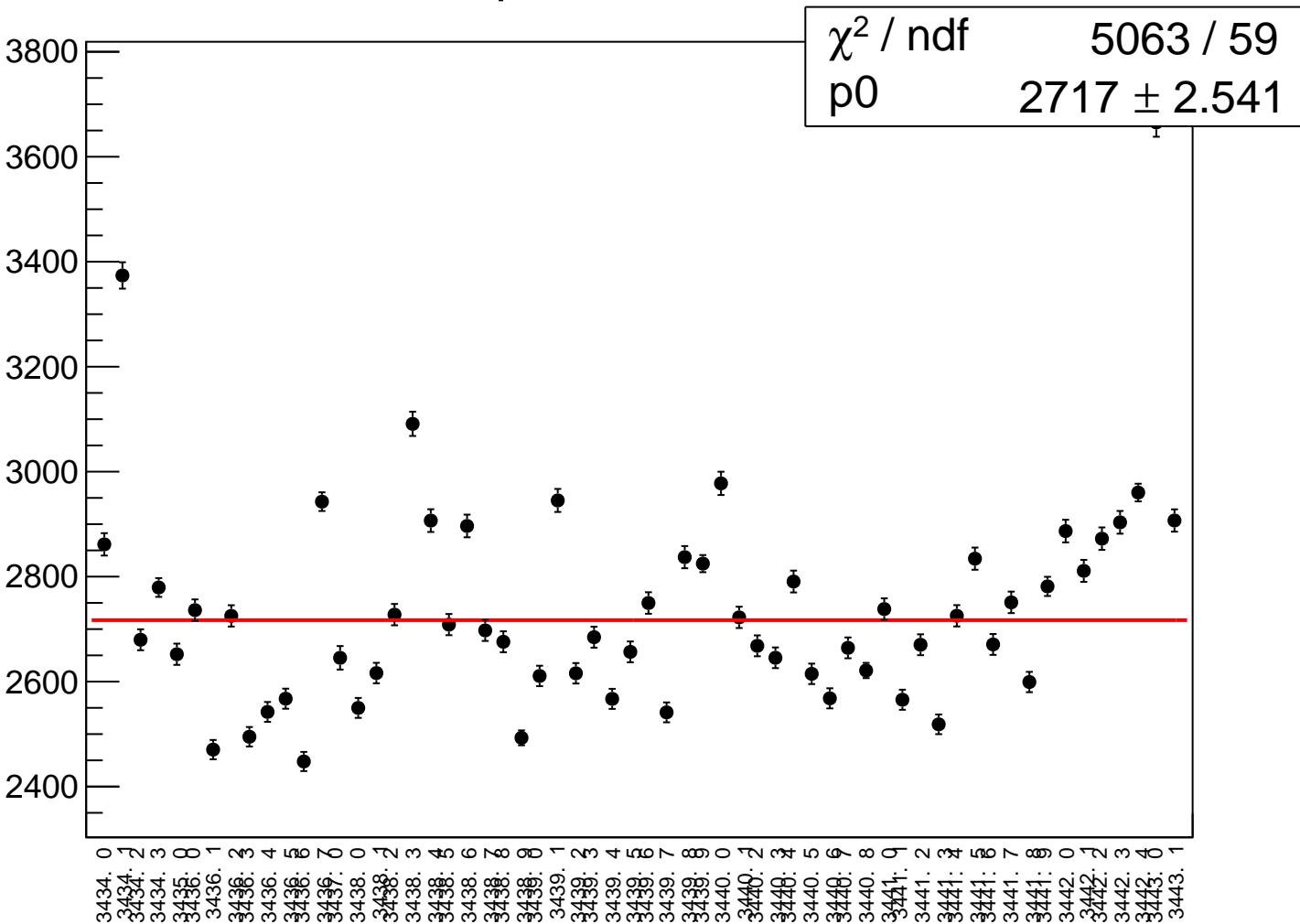
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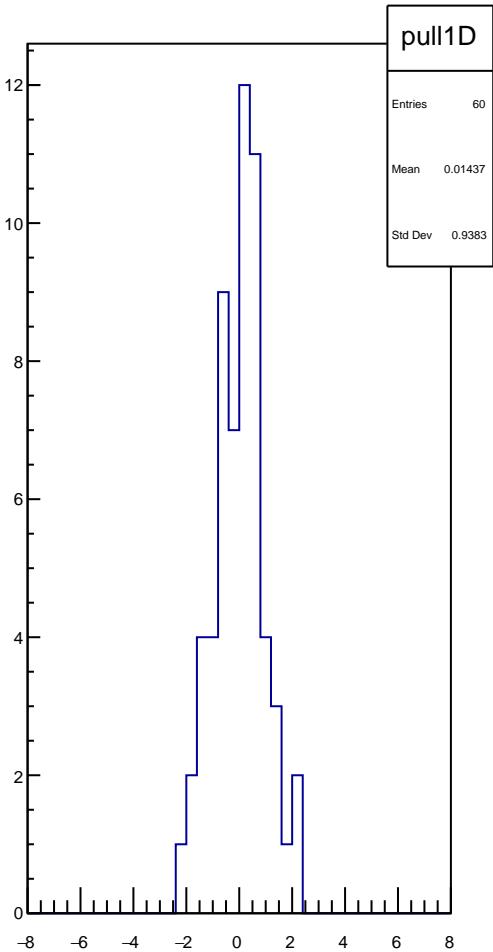
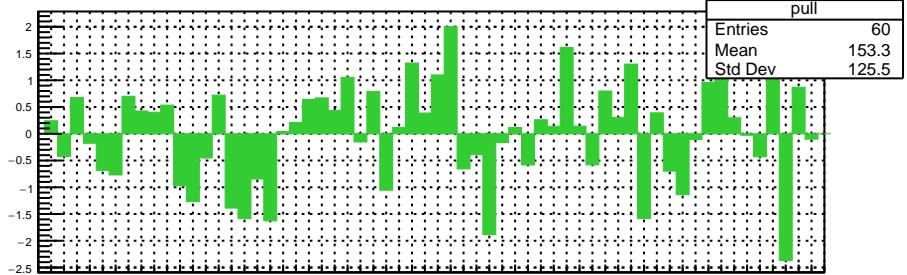
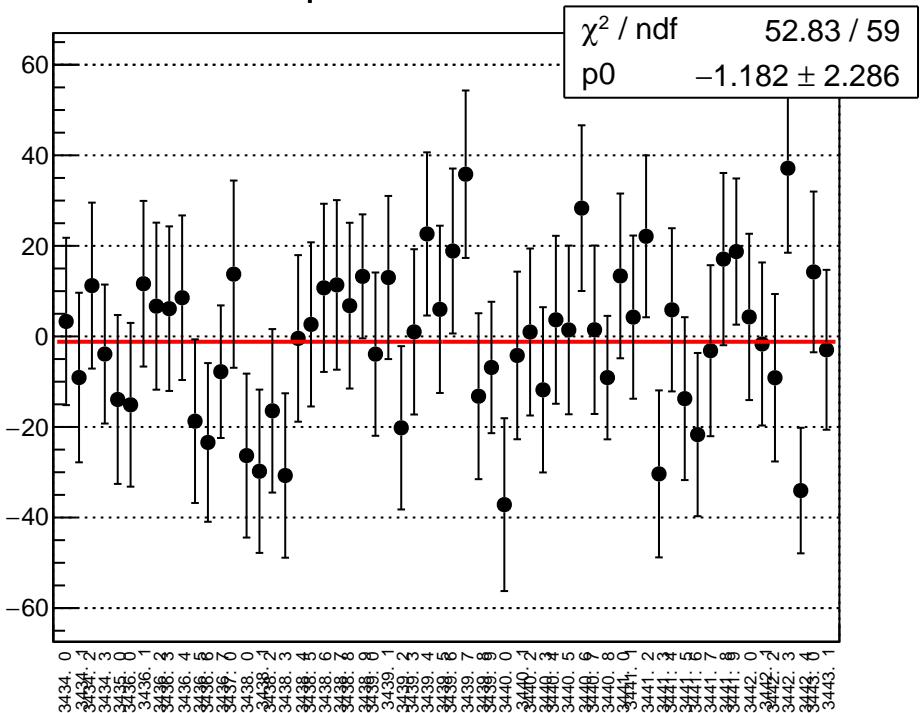
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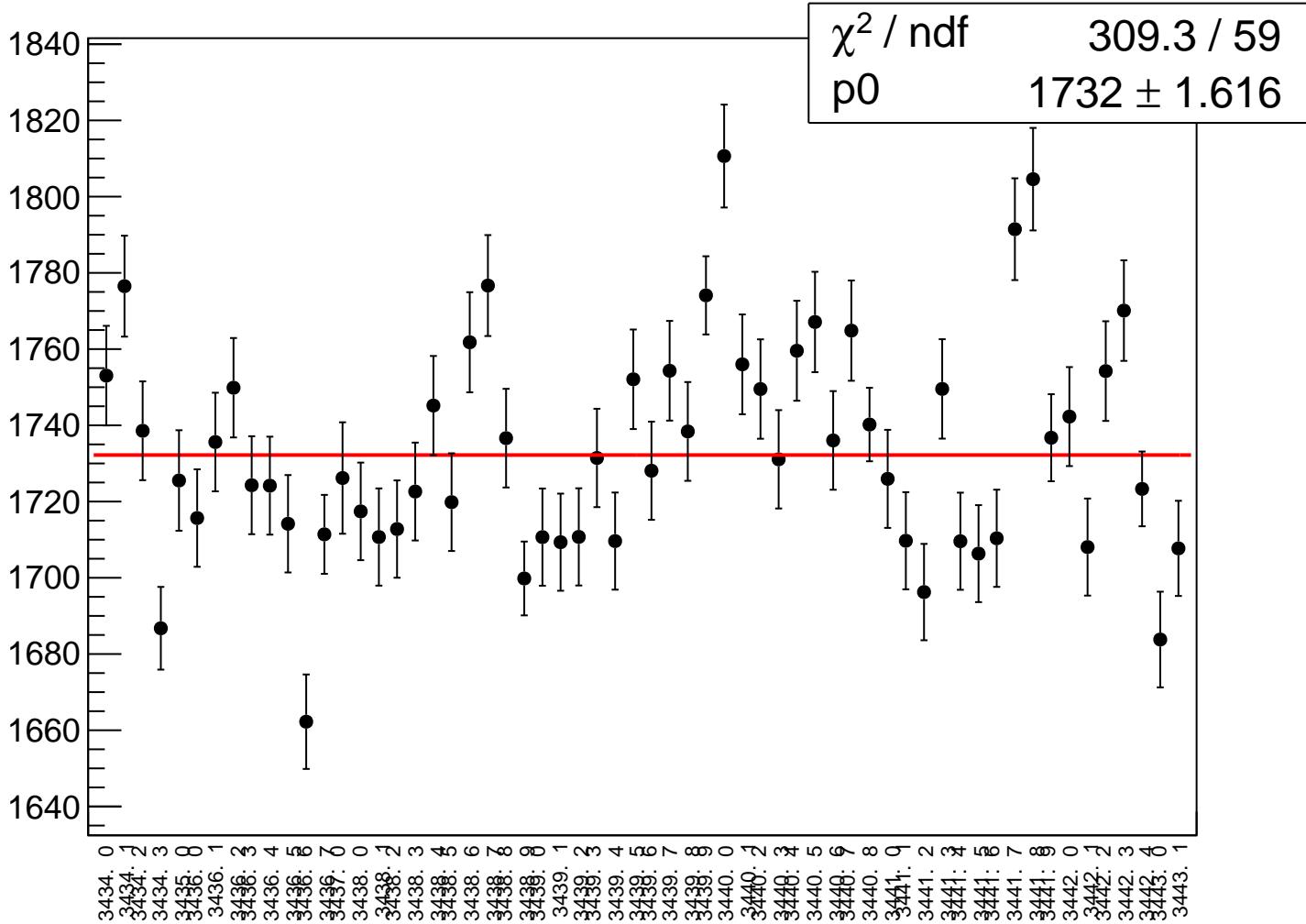
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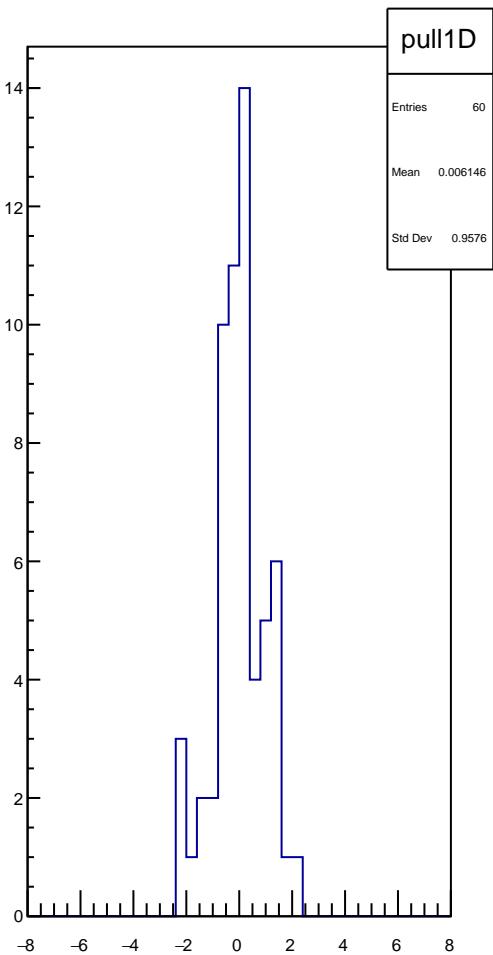
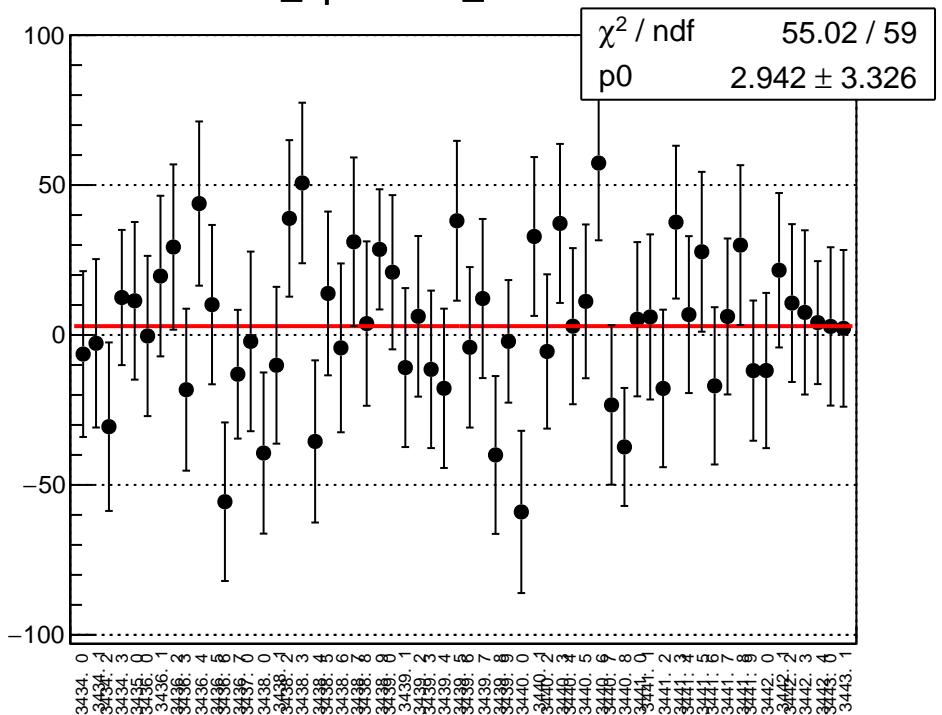
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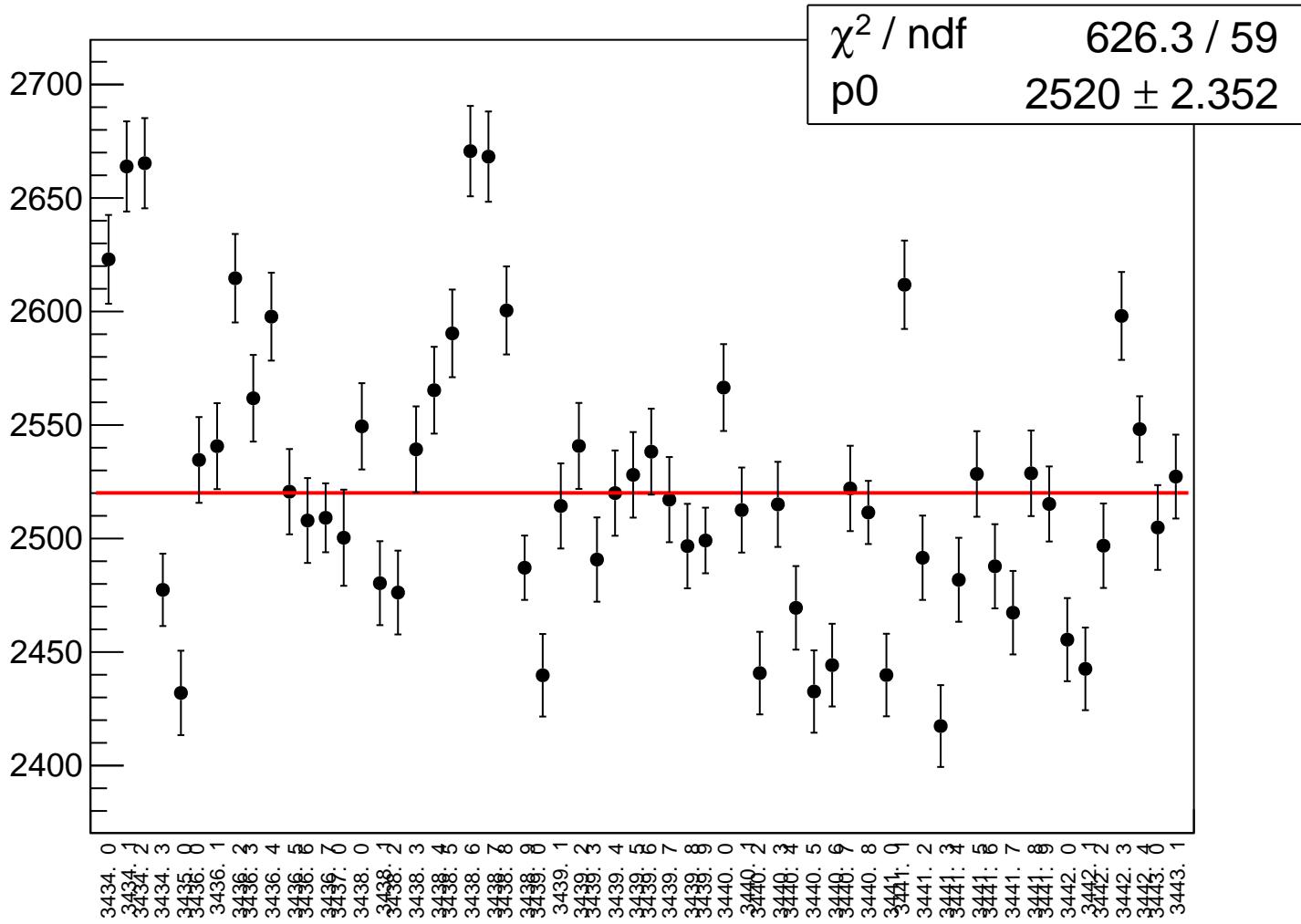
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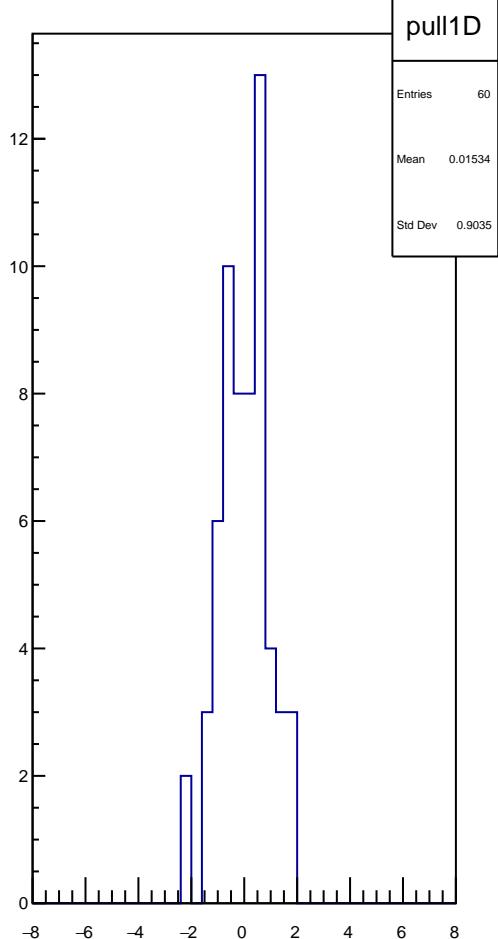
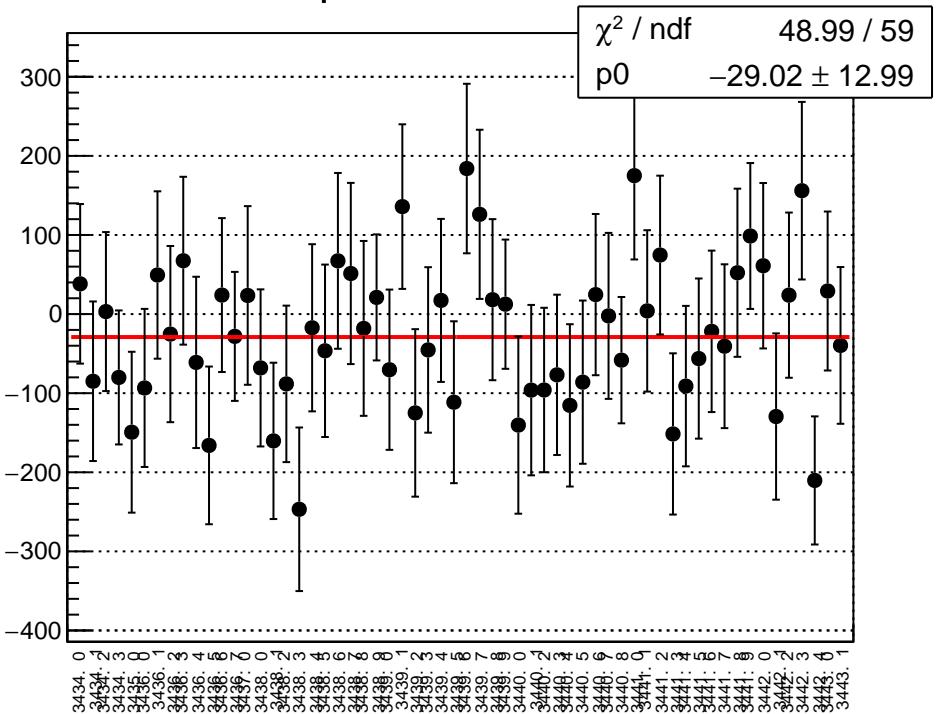
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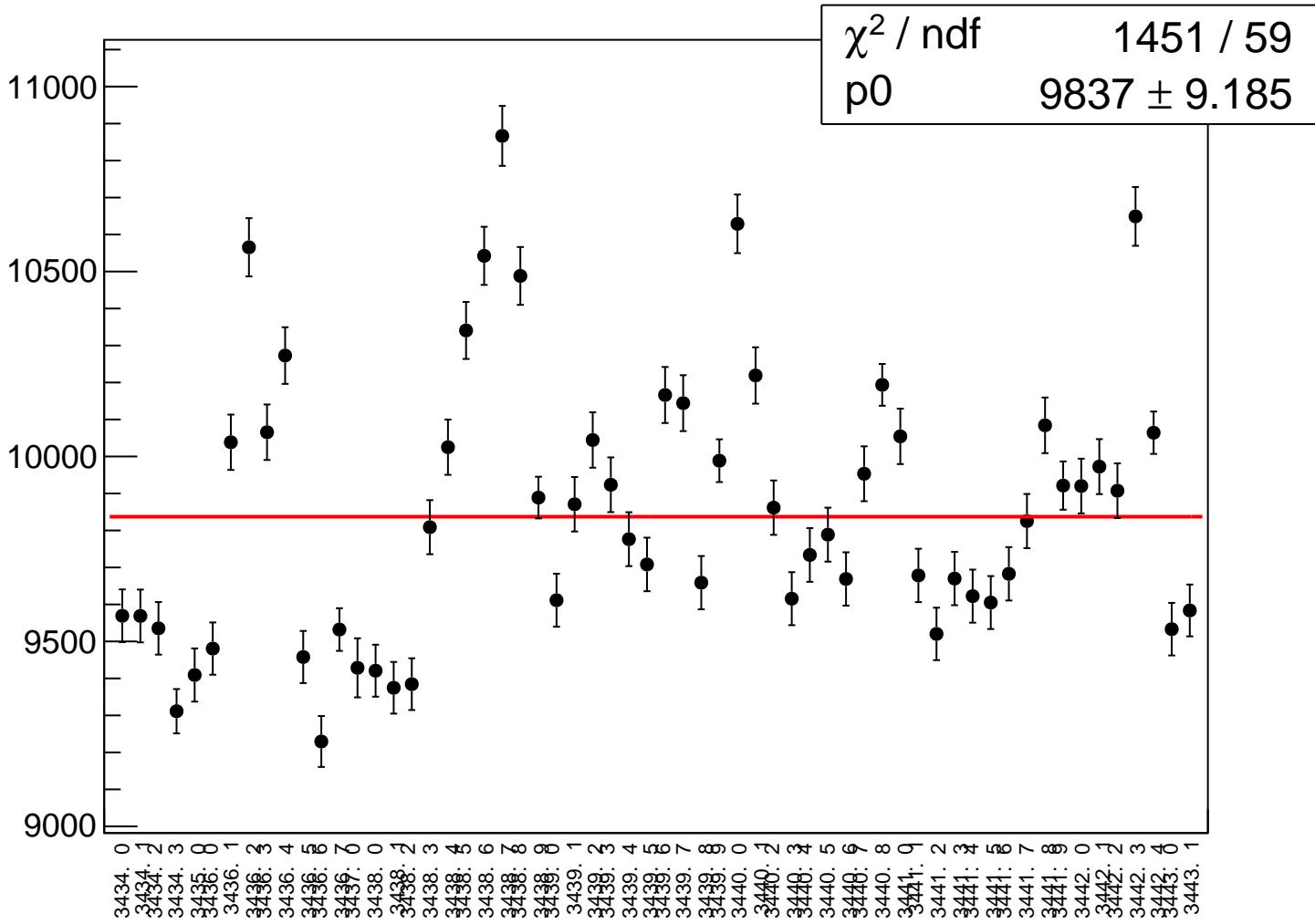
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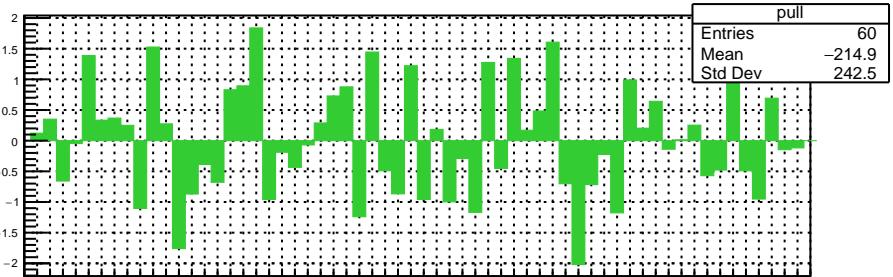
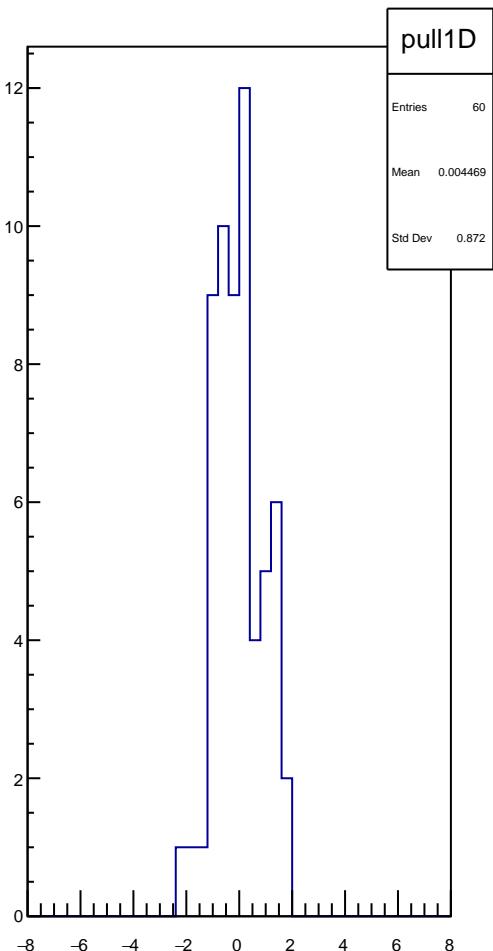
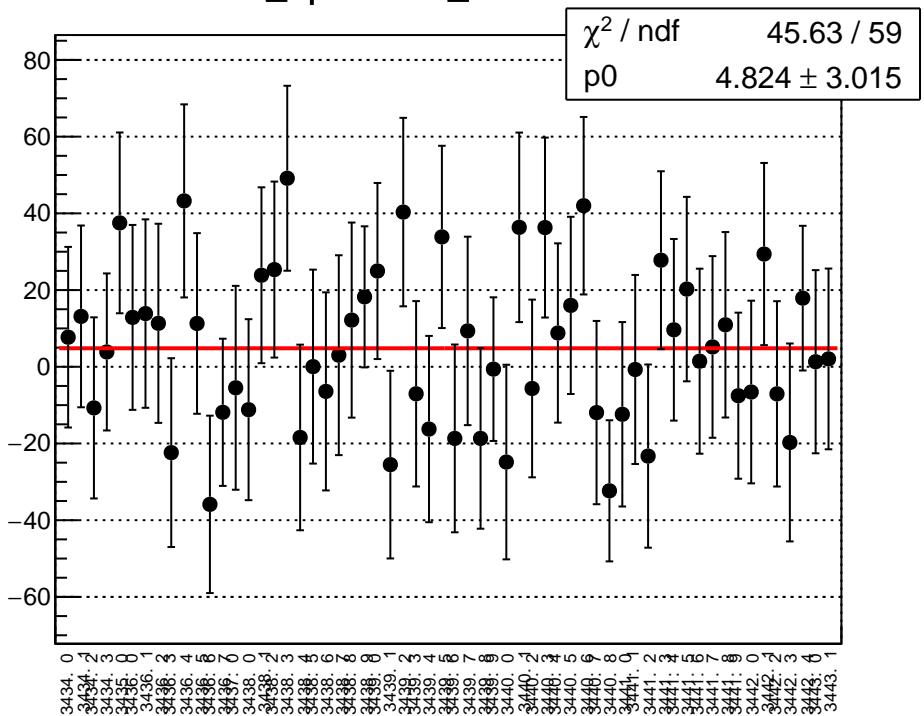
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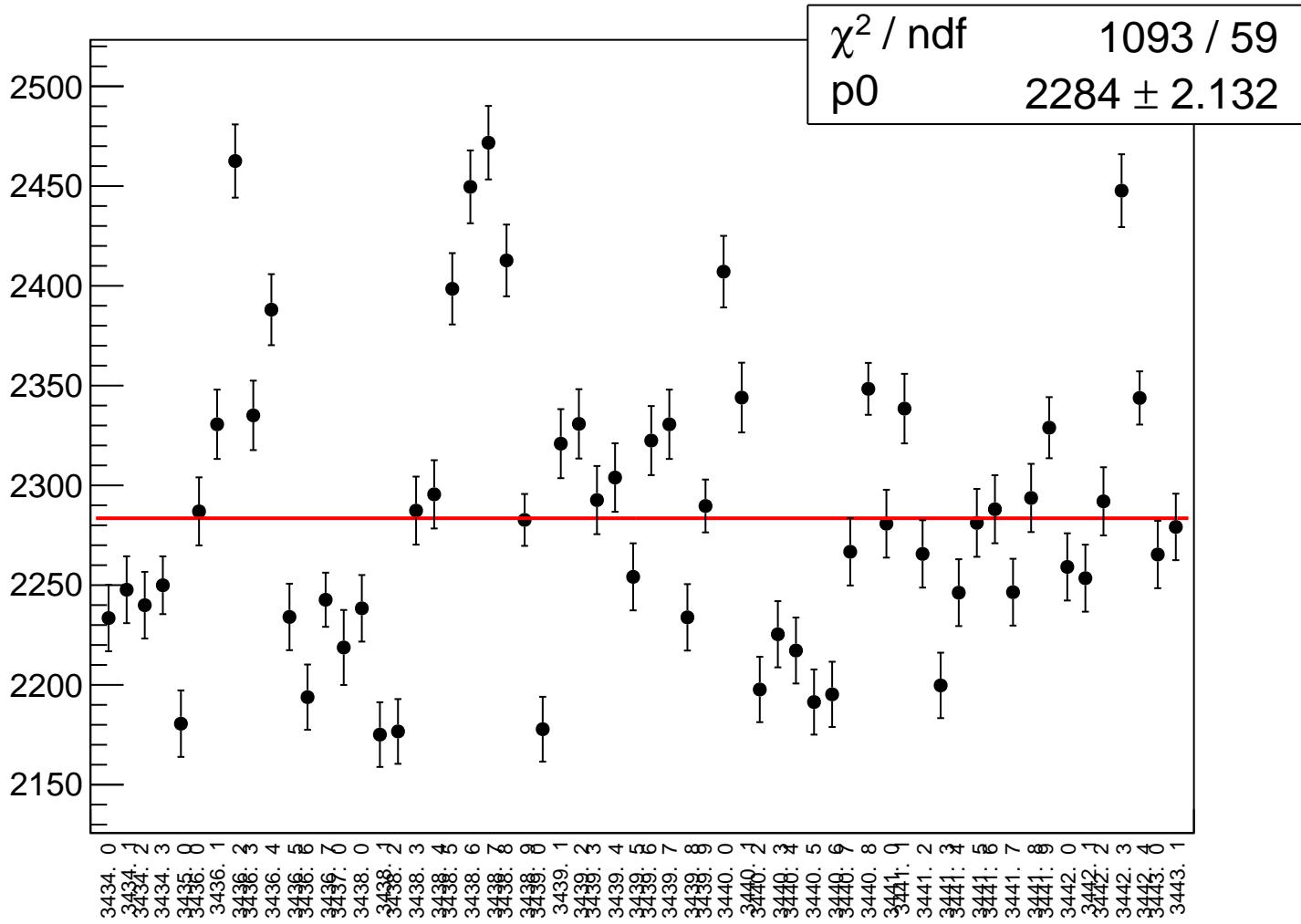
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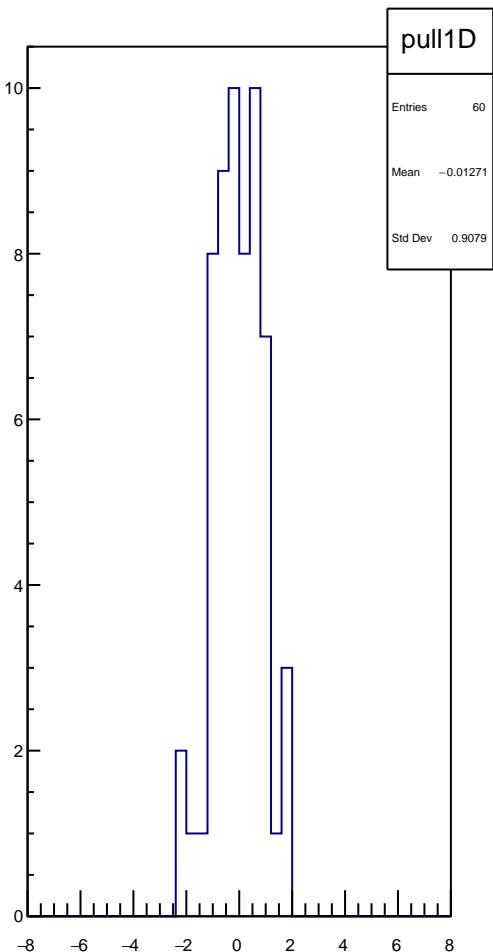
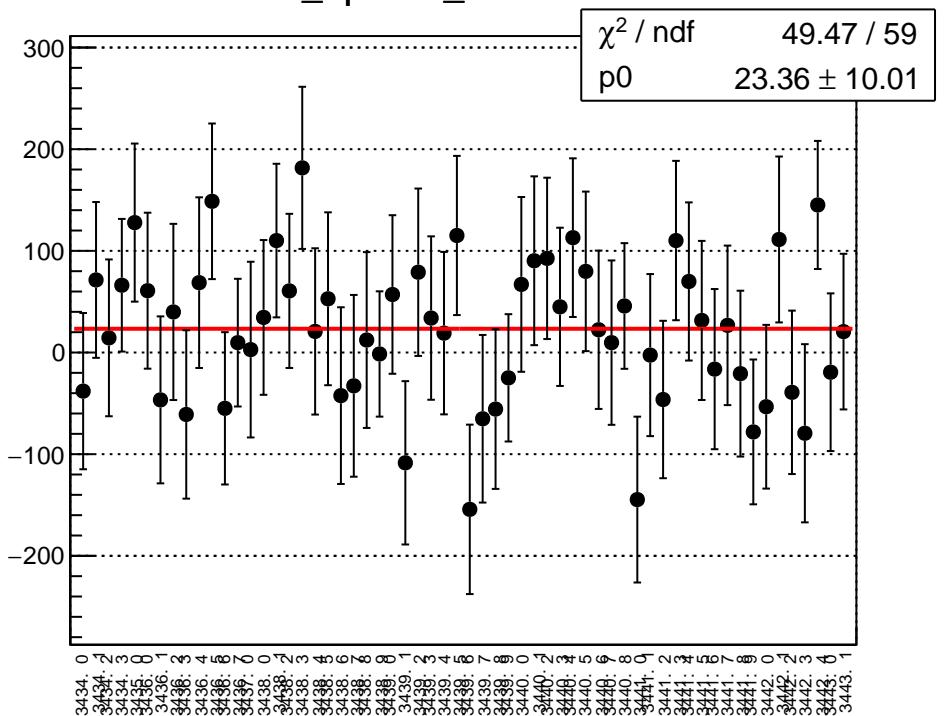
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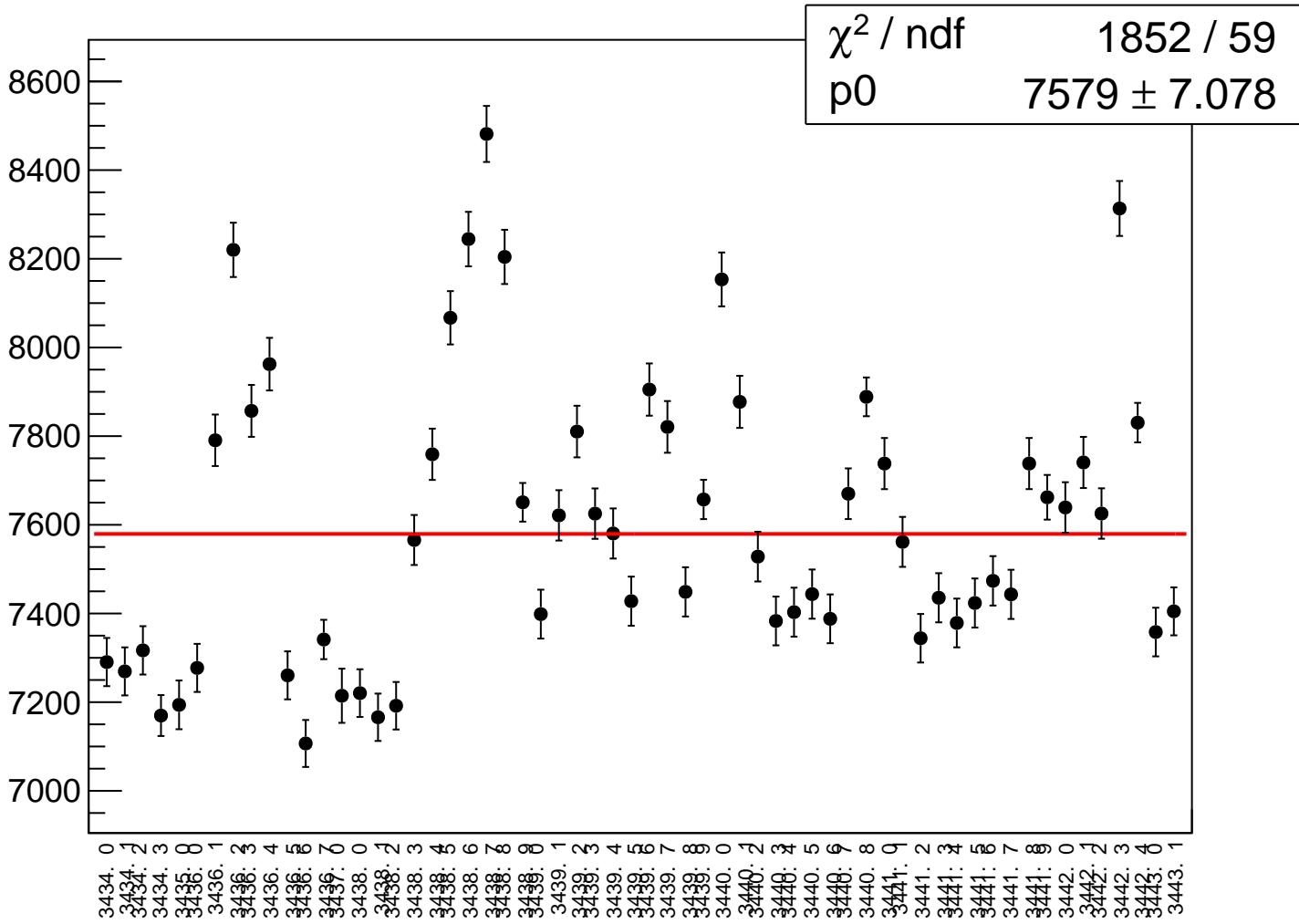
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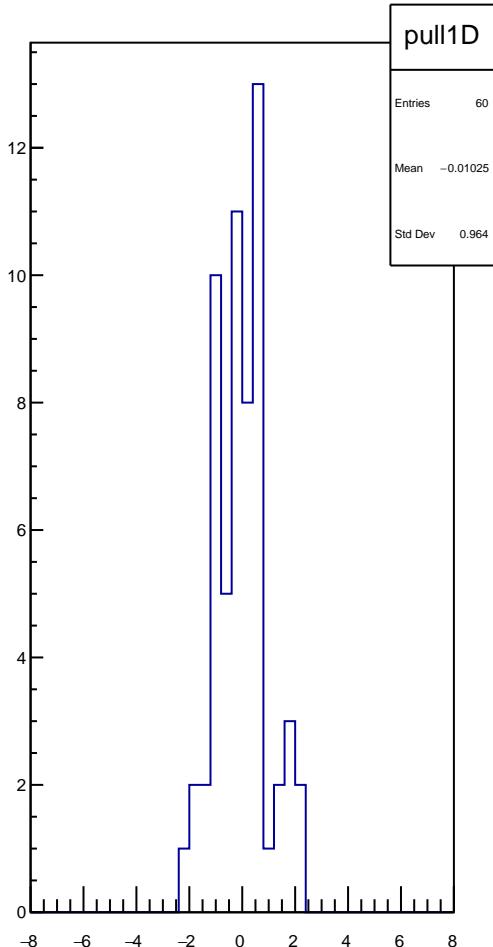
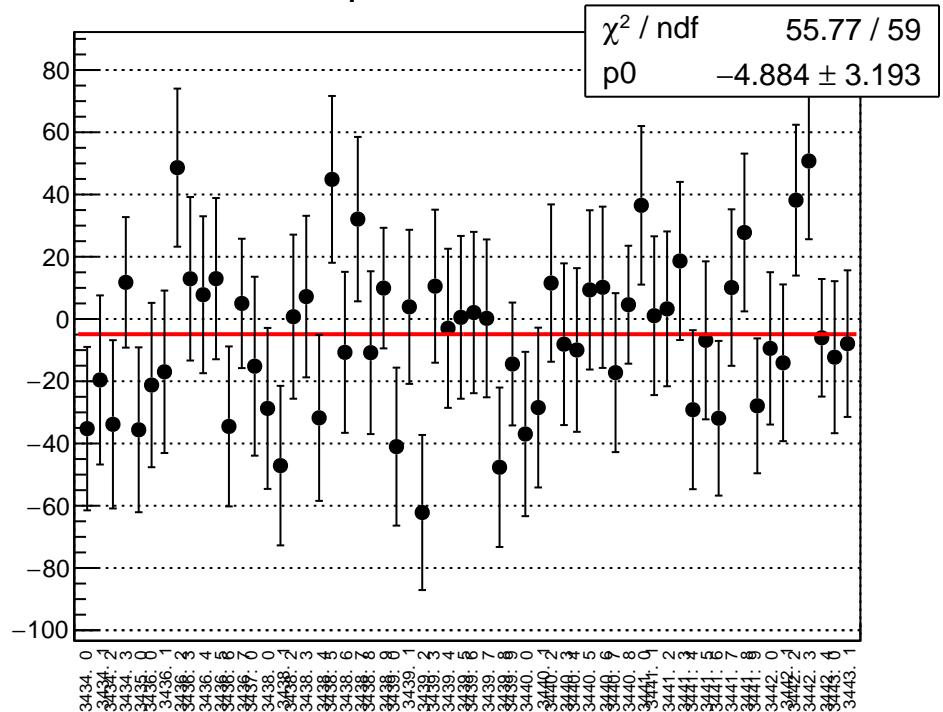
diff_bpm1X_mean vs run



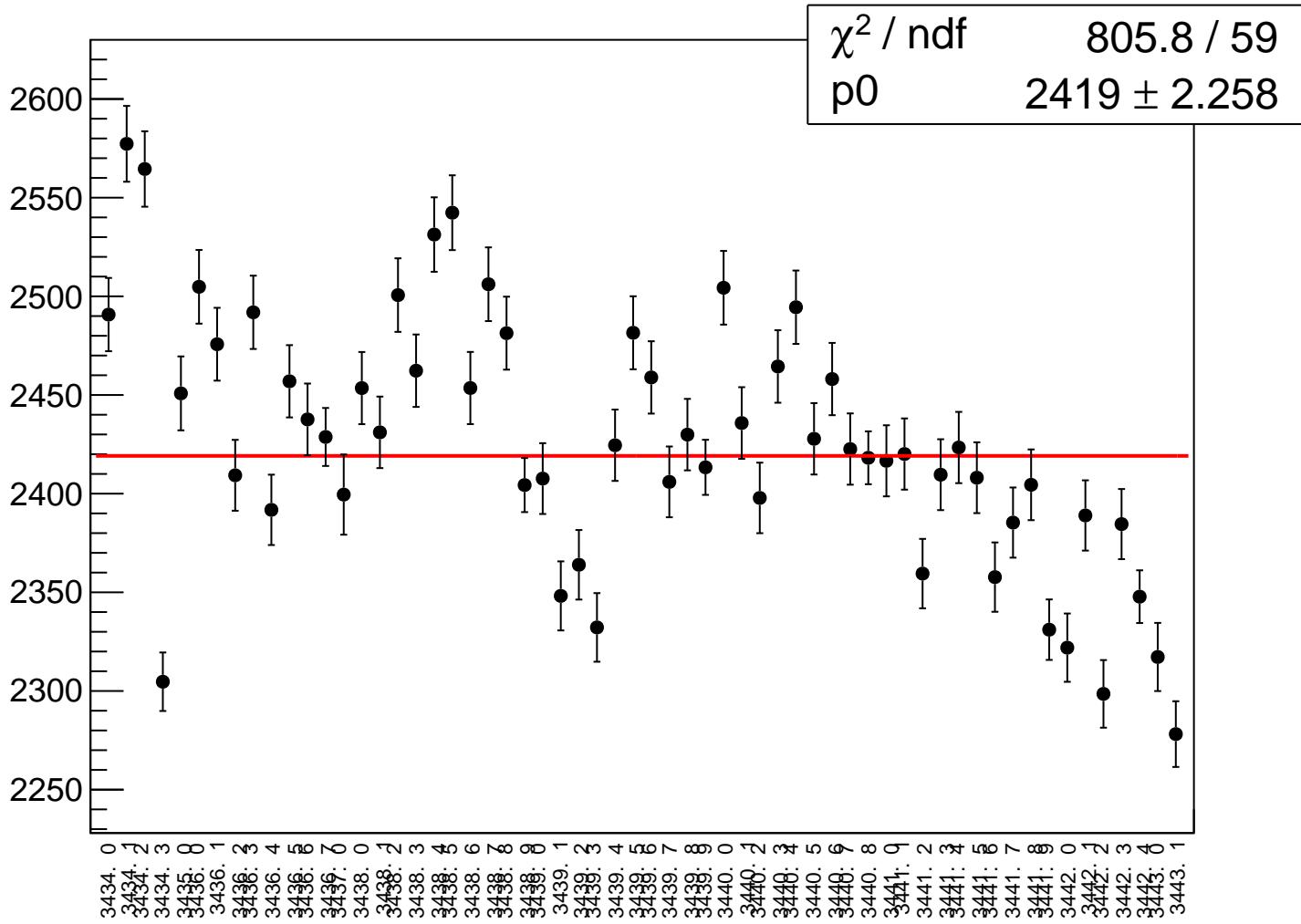
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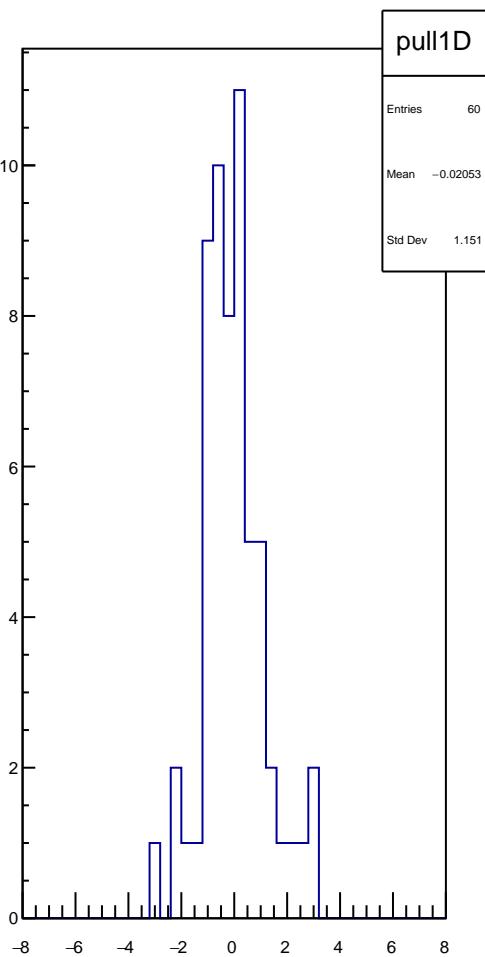
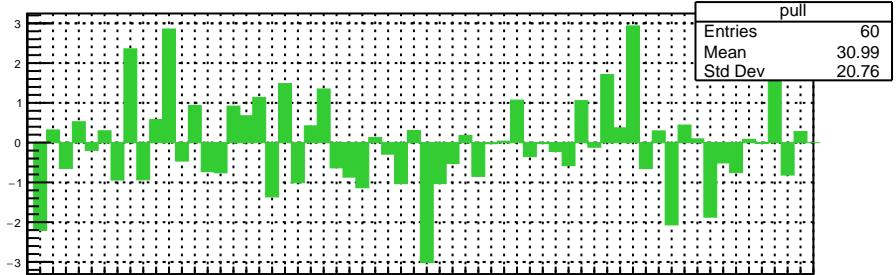
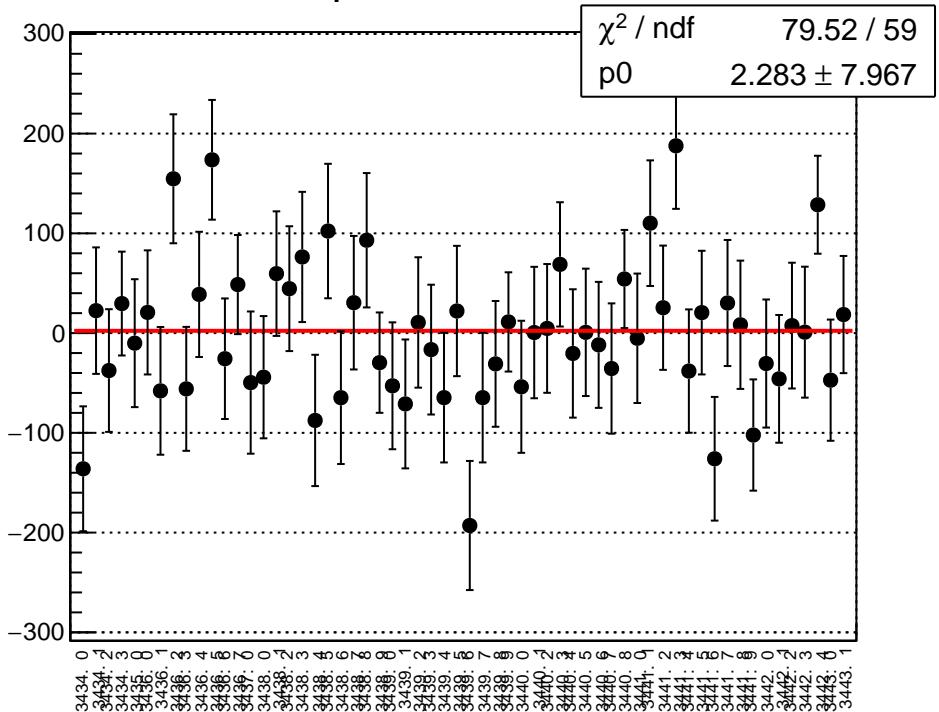
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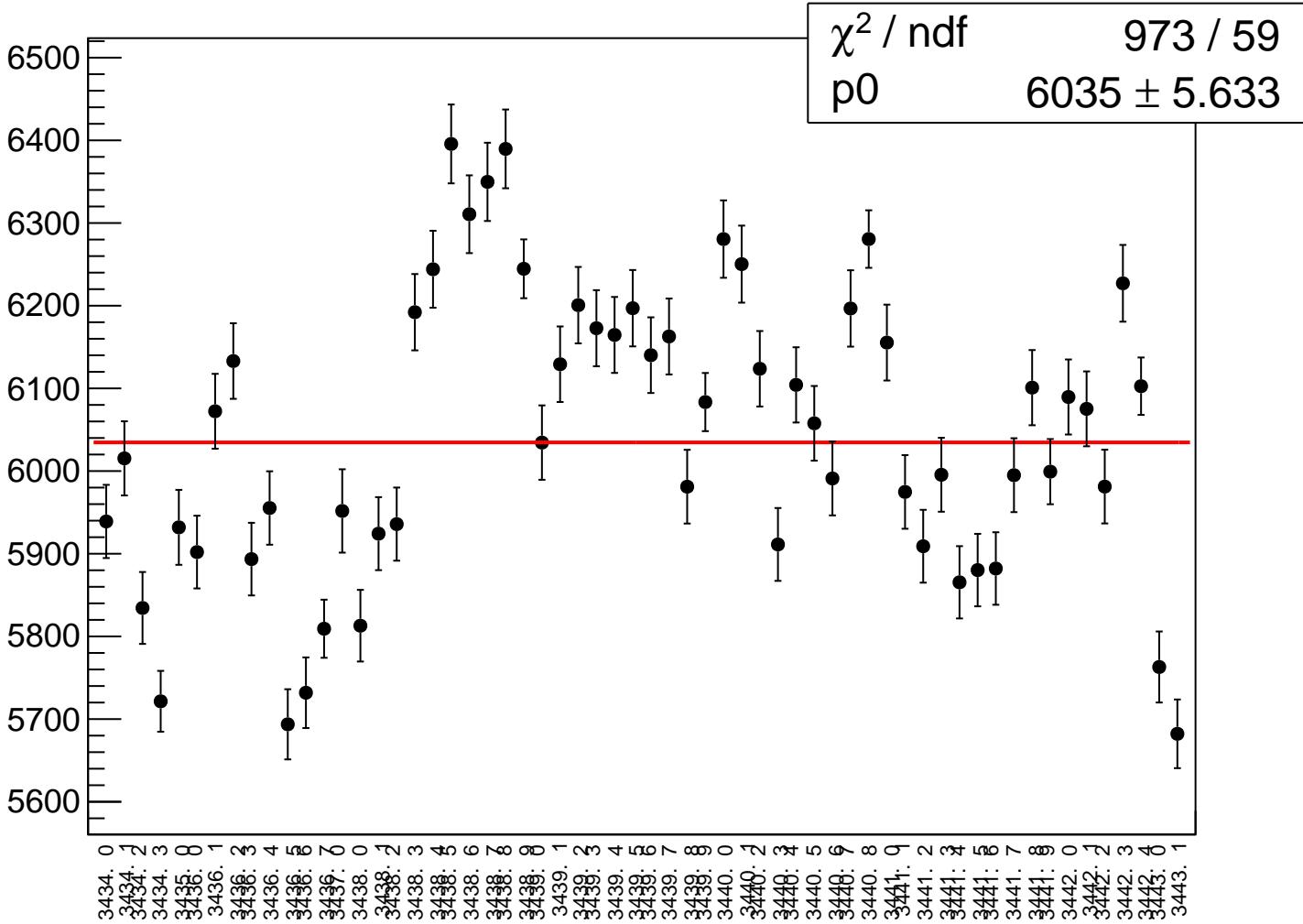
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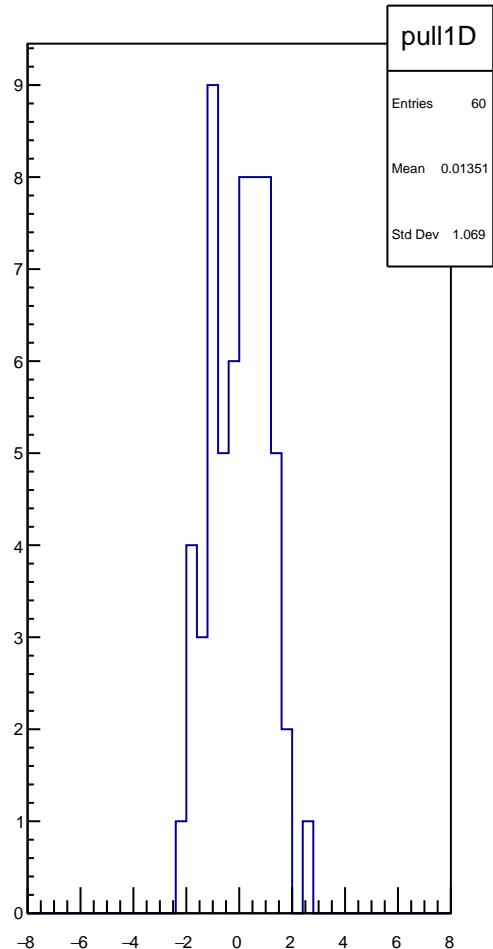
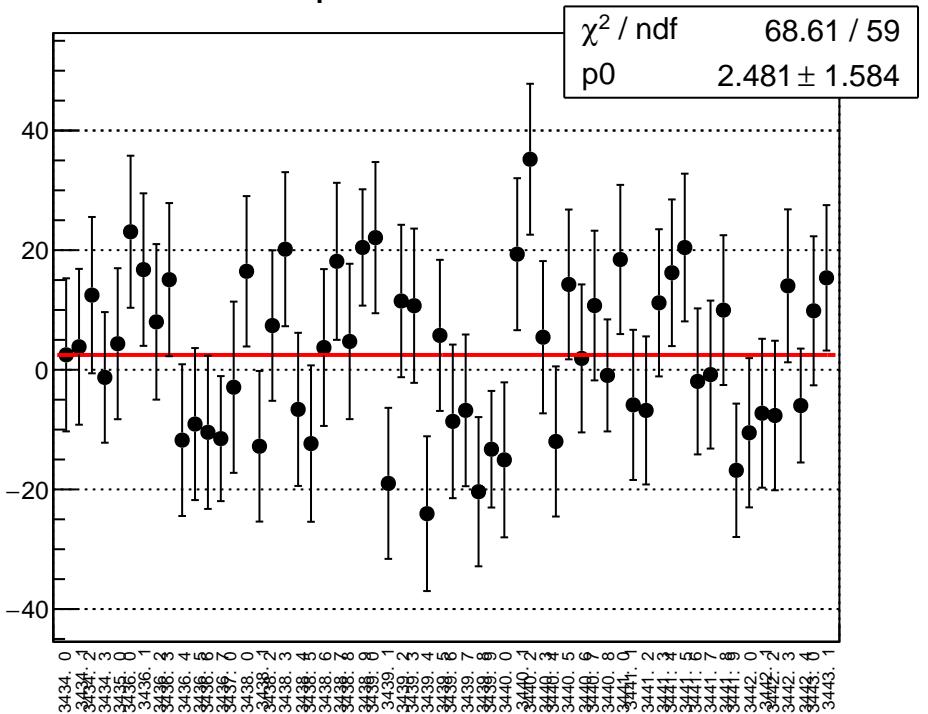
diff_bpm11X_mean vs run



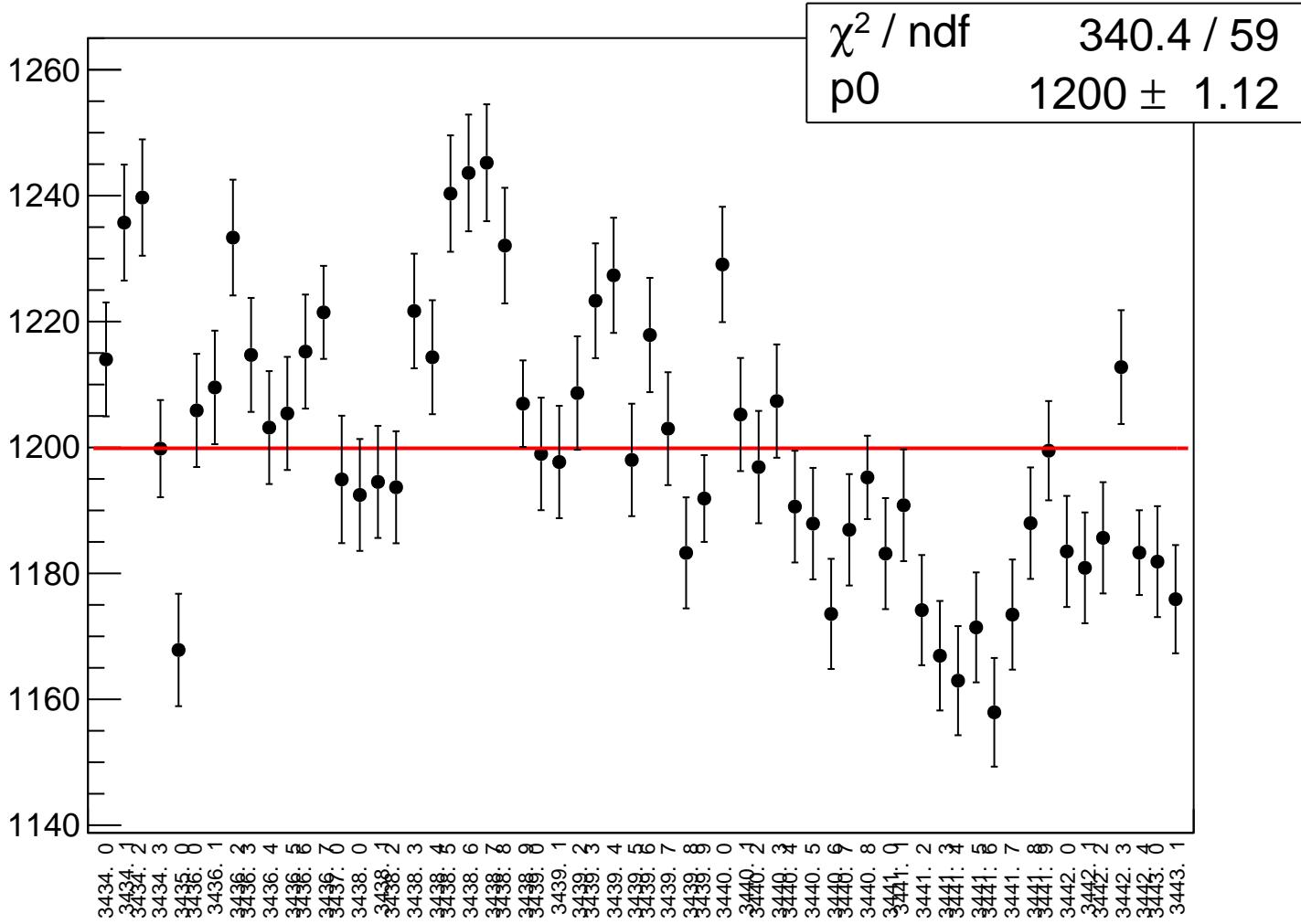
diff_bpm11X_rms vs run



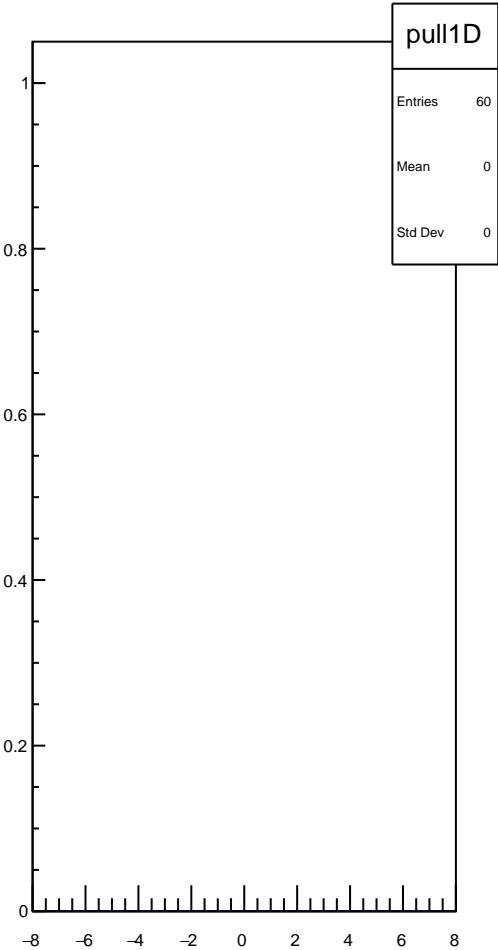
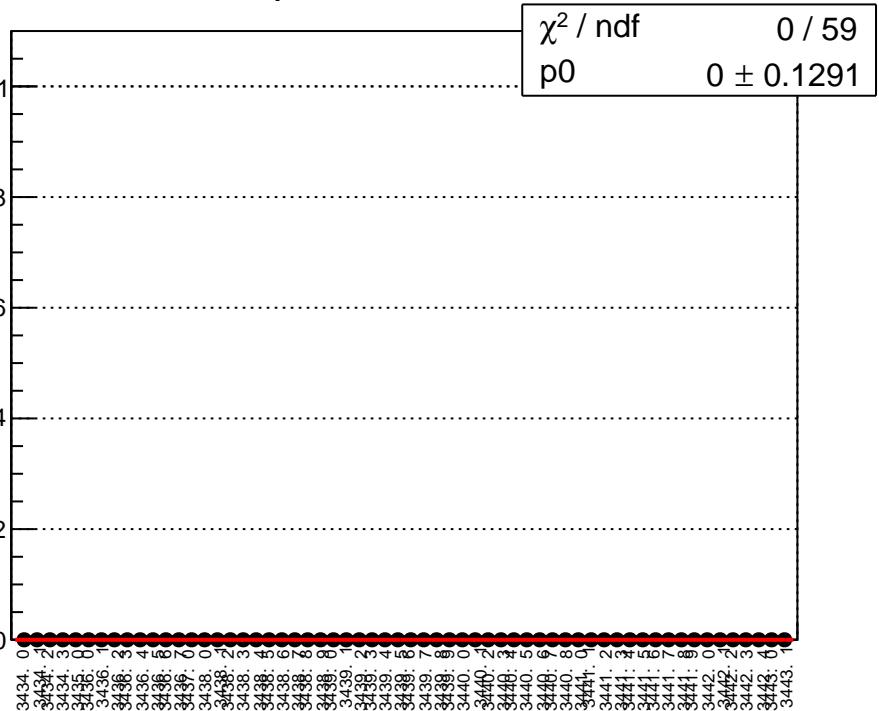
diff_bpm11Y_mean vs run



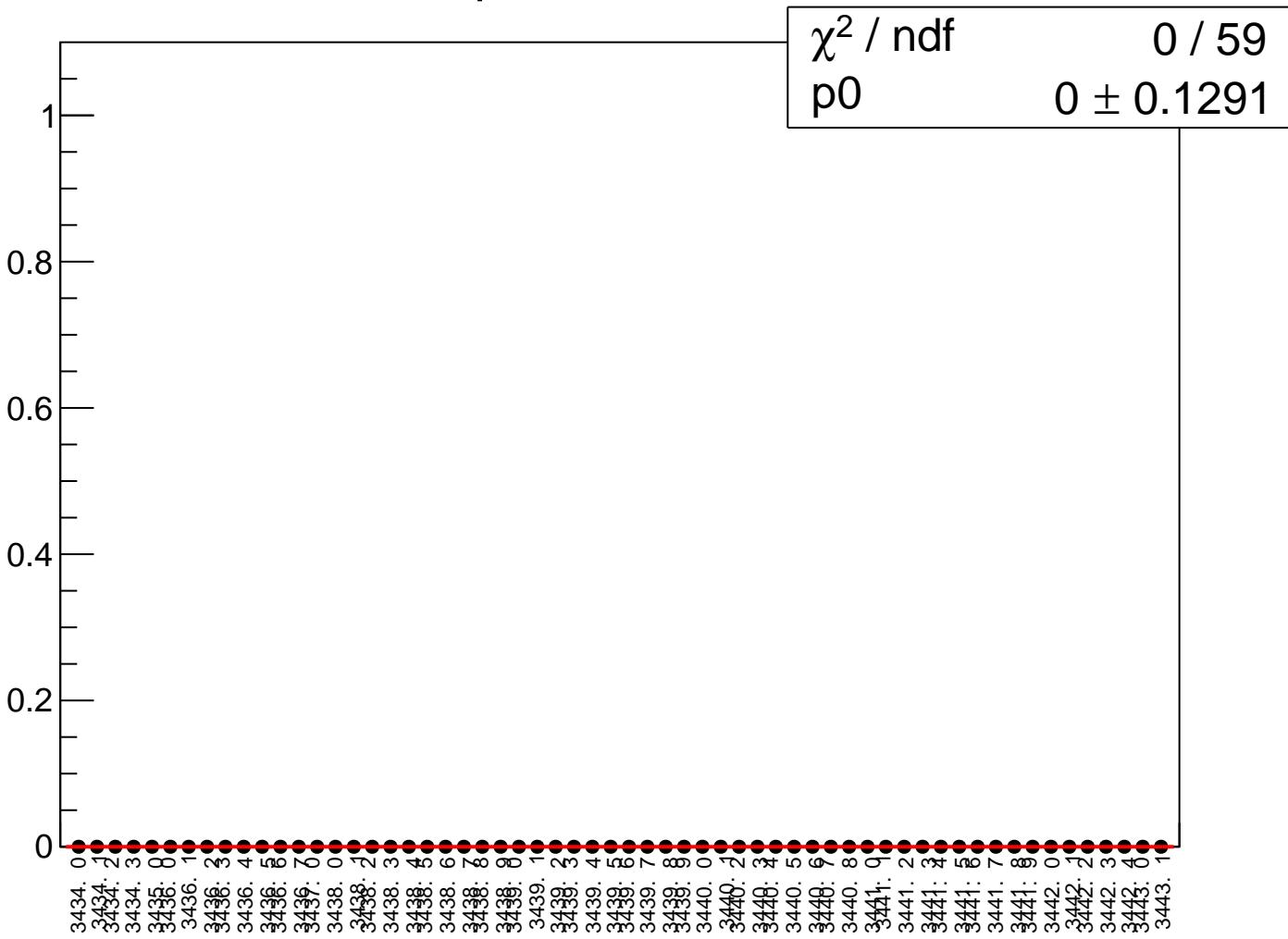
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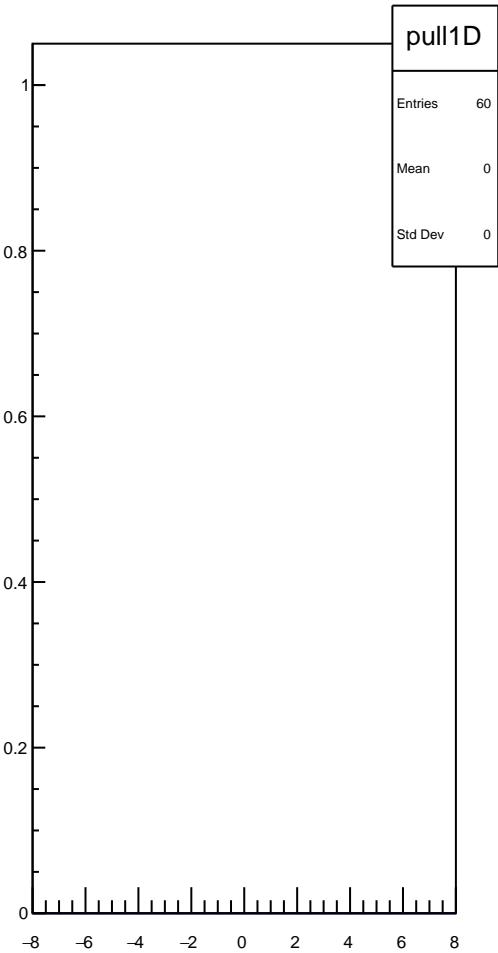
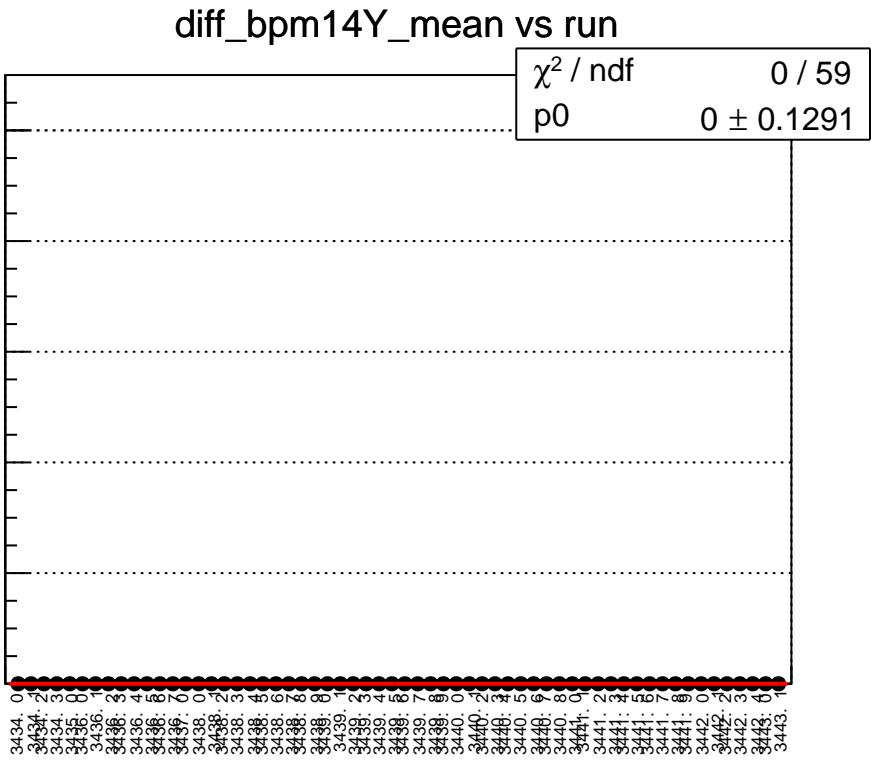


diff_bpm14X_mean vs run

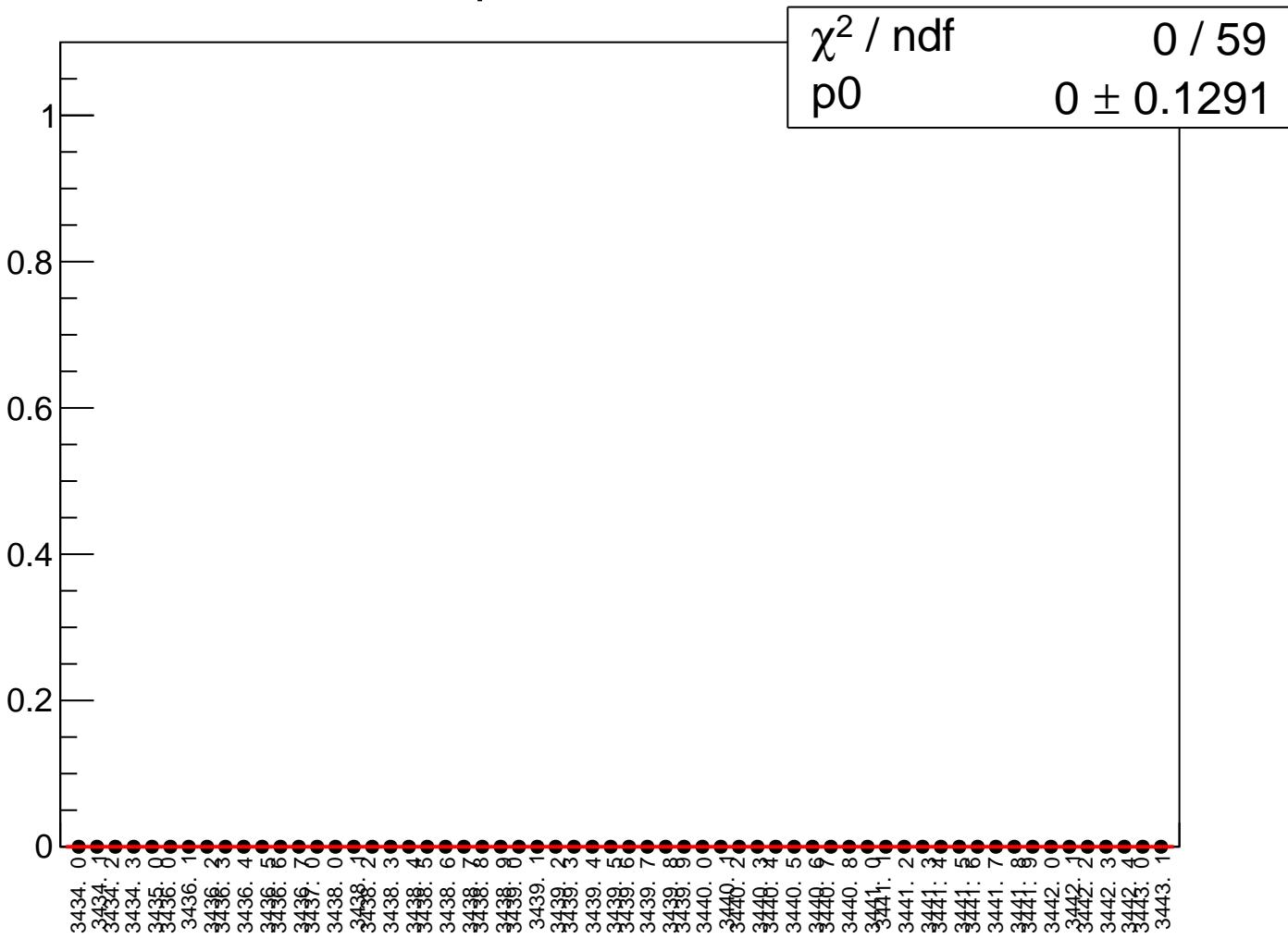


diff_bpm14X_rms vs run

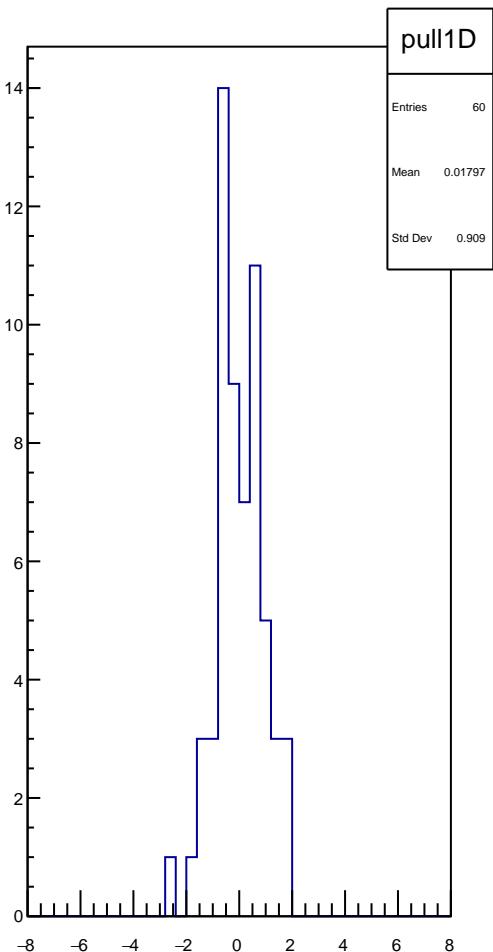
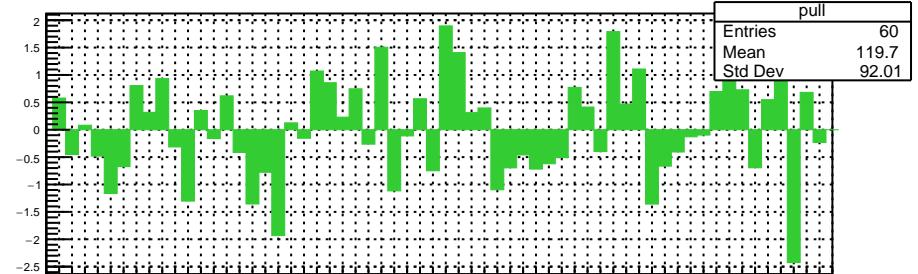
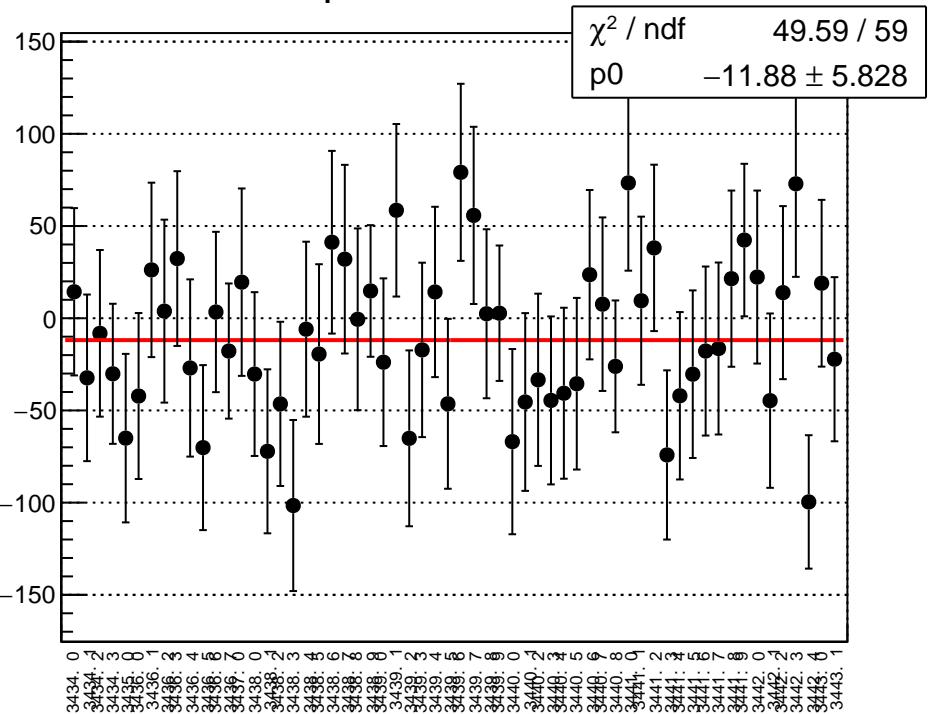




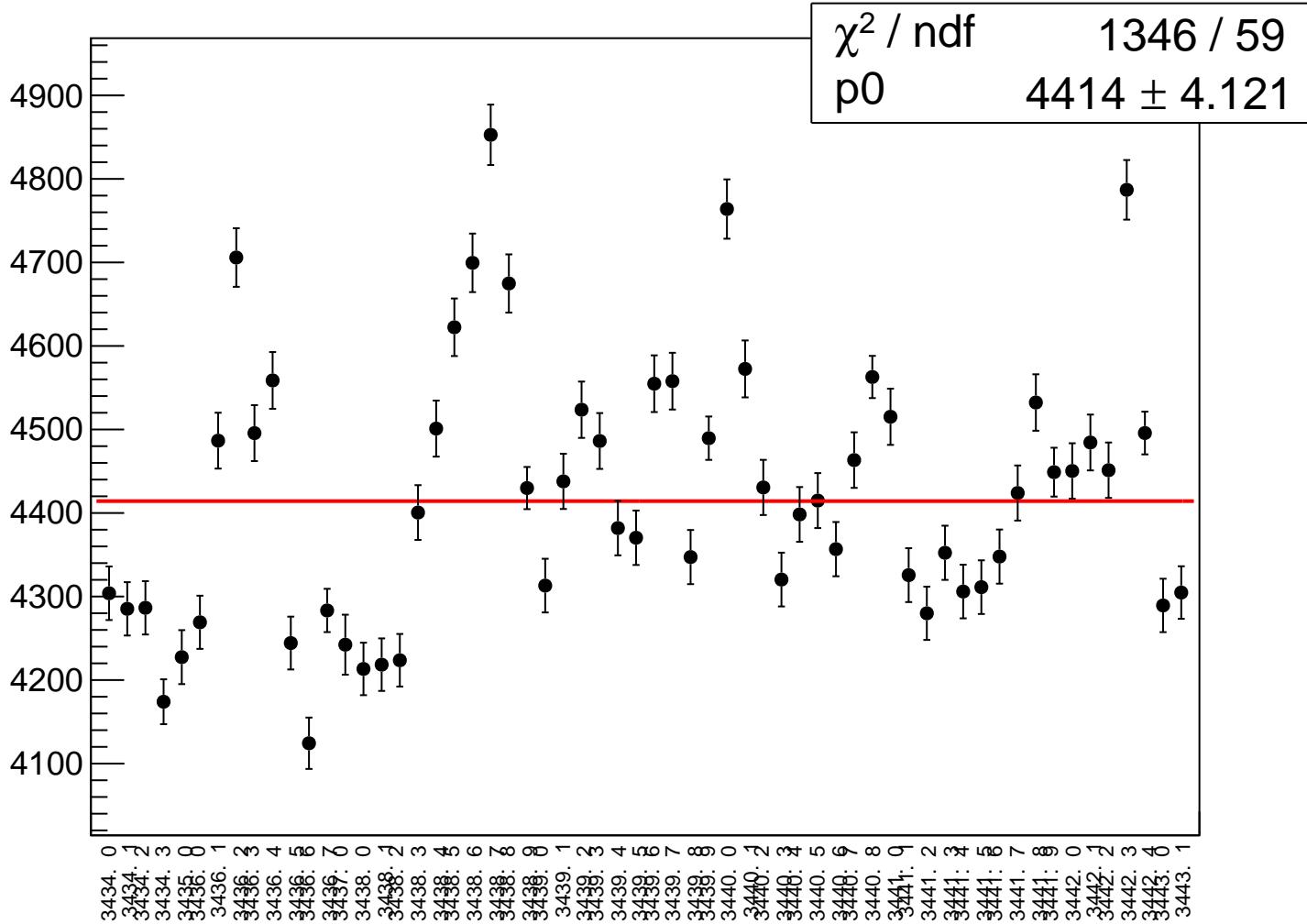
diff_bpm14Y_rms vs run



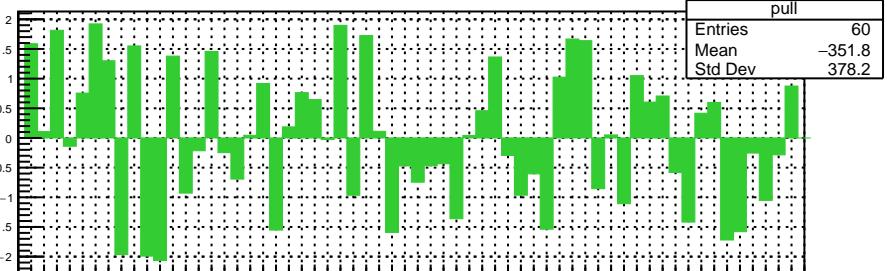
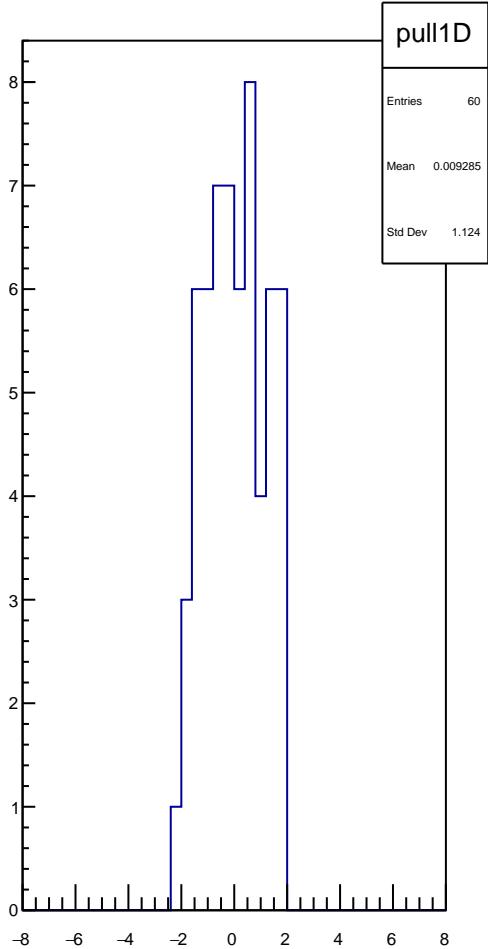
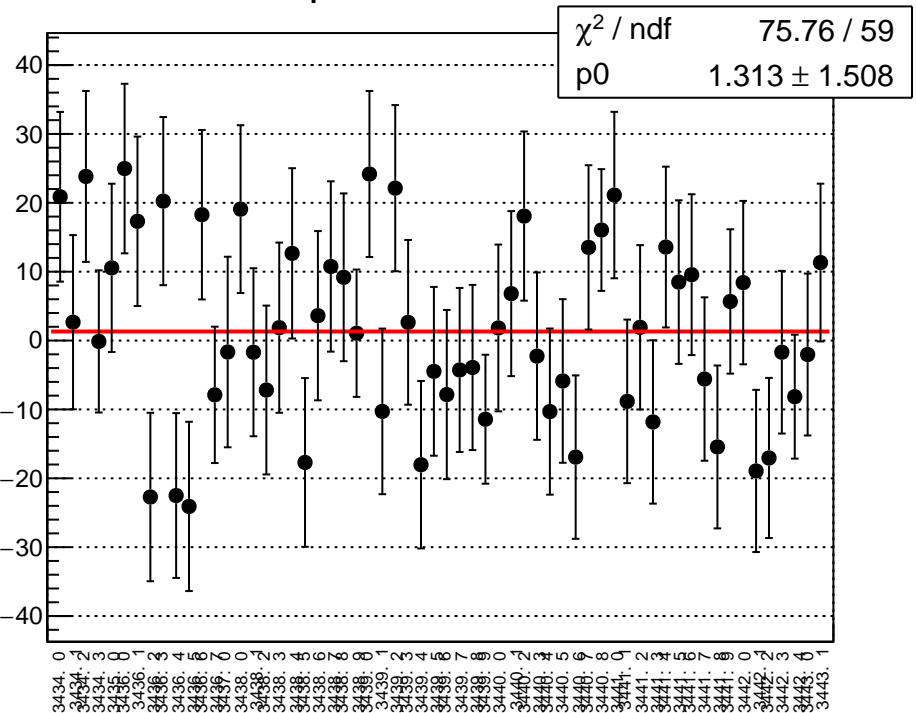
diff_bpm16X_mean vs run



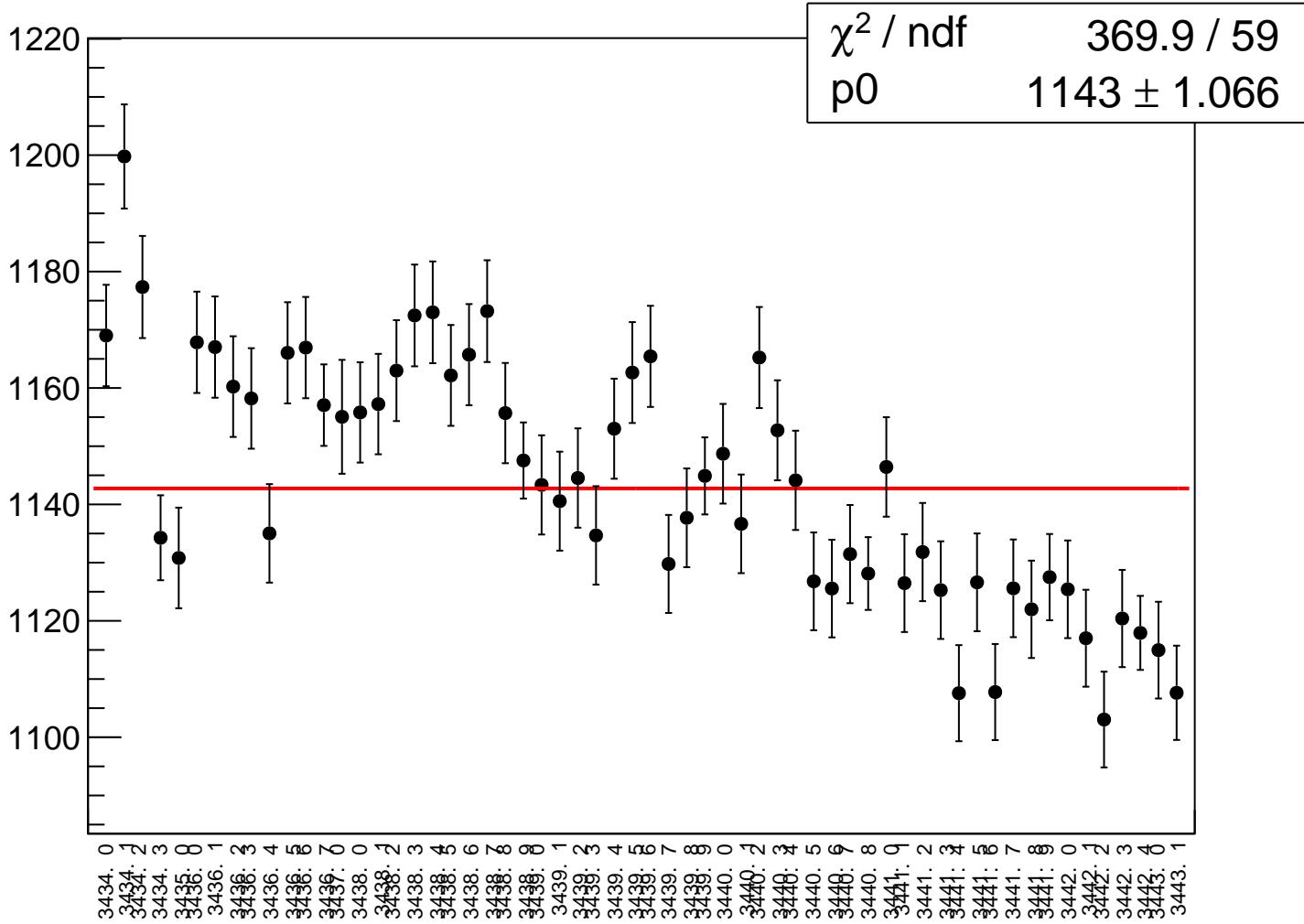
diff_bpm16X_rms vs run



diff_bpm16Y_mean vs run

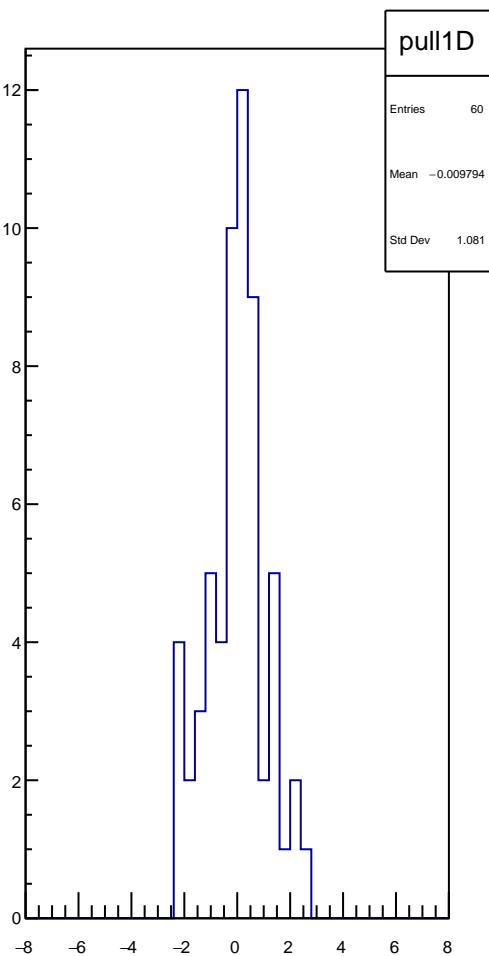
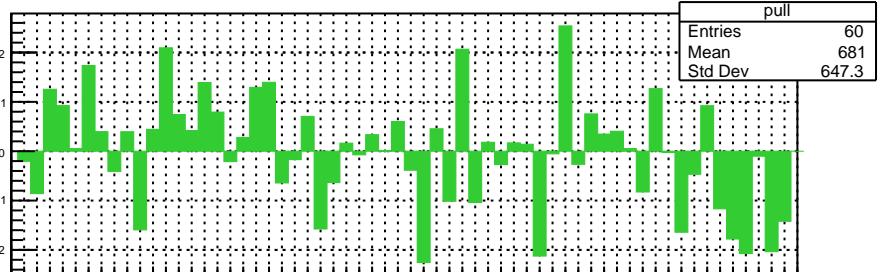
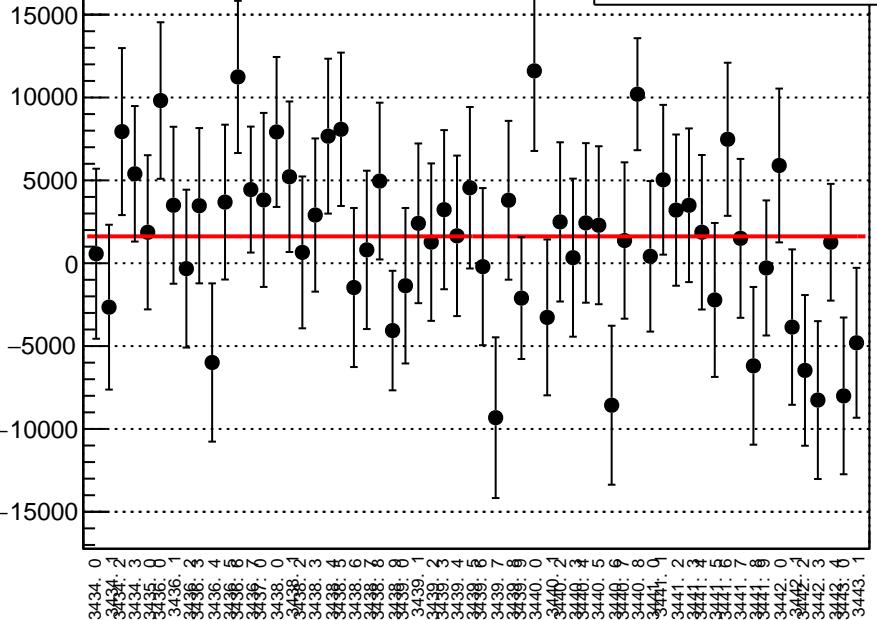


diff_bpm16Y_rms vs run

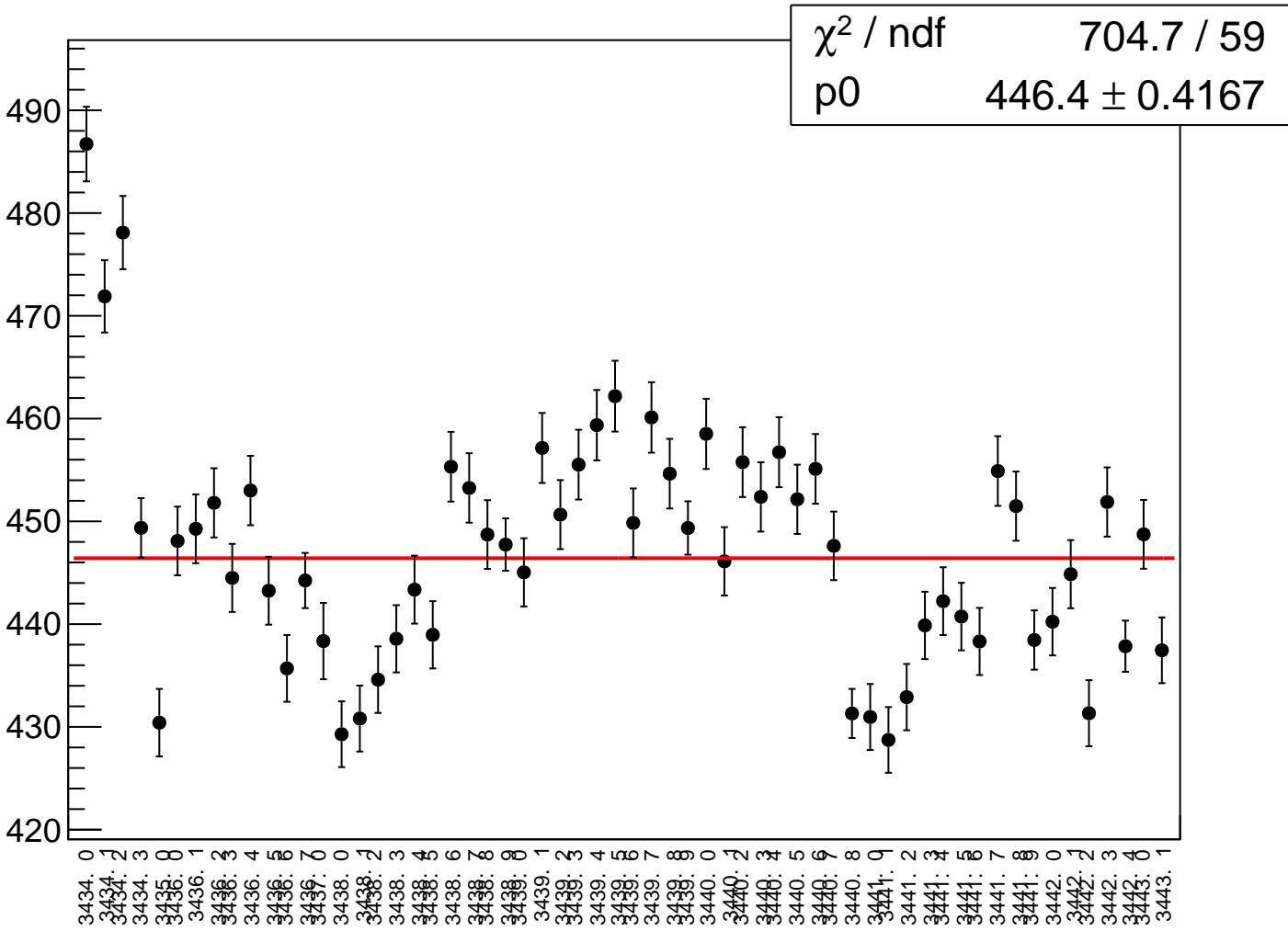


asym_sam1_mean vs run

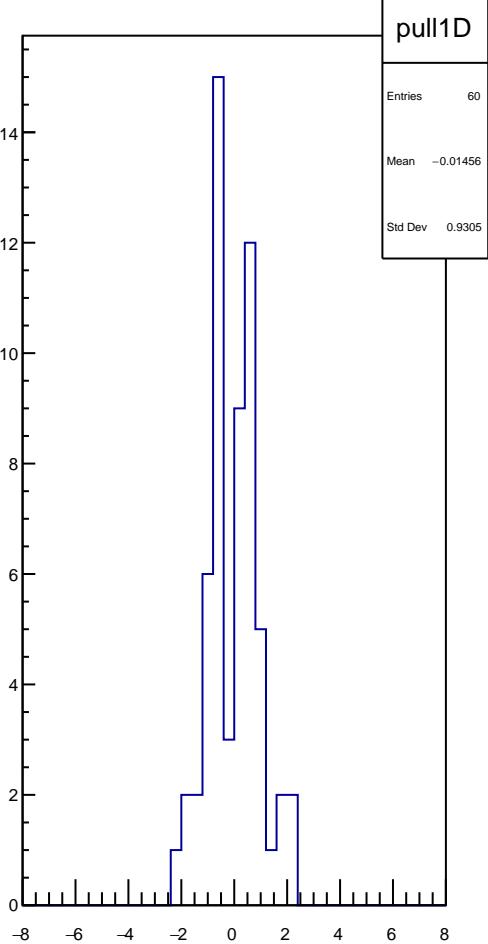
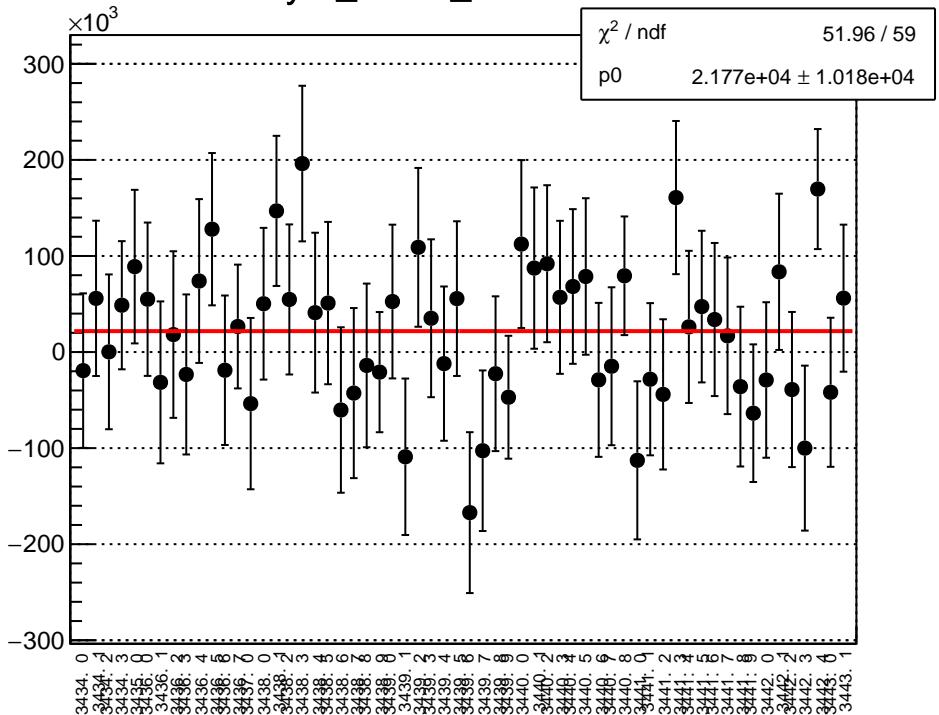
χ^2 / ndf 70.12 / 59
 $p0$ 1620 ± 589.3



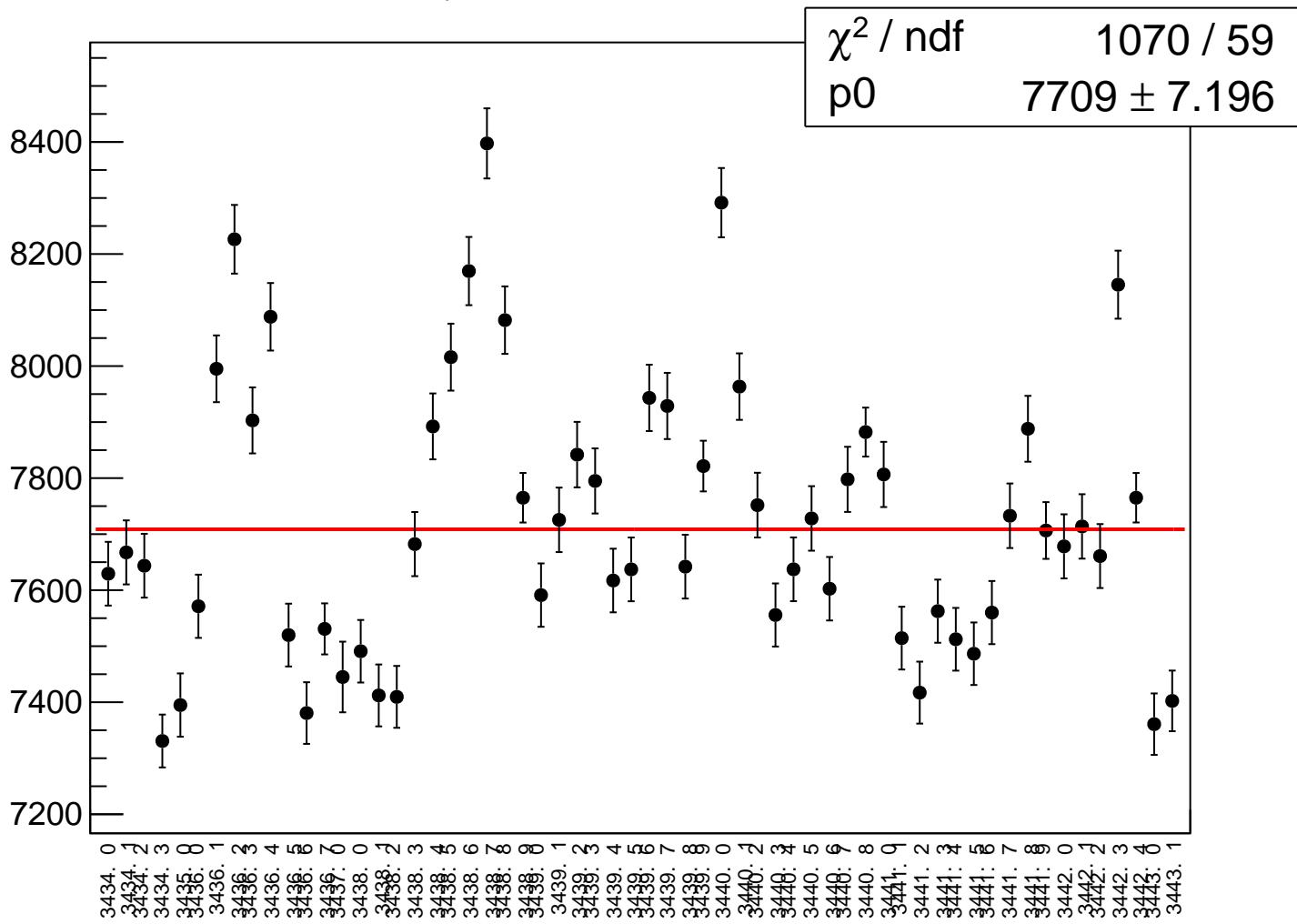
asym_sam1_rms vs run



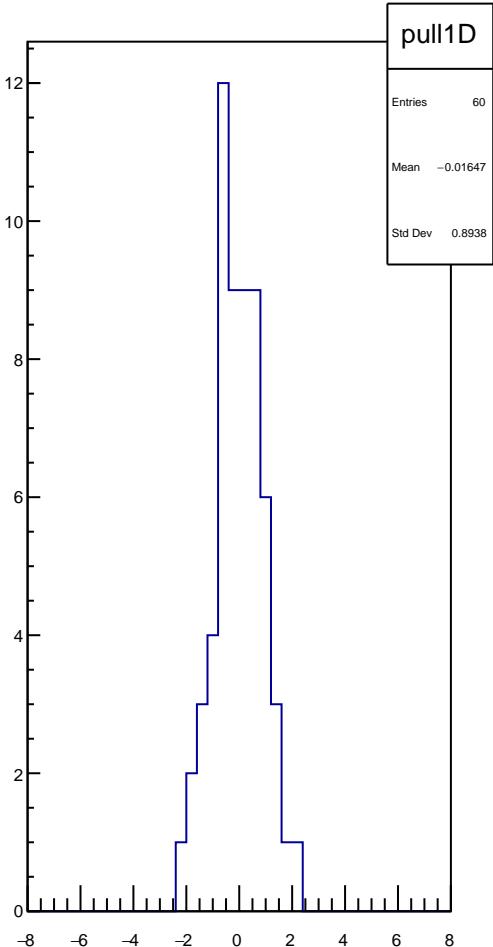
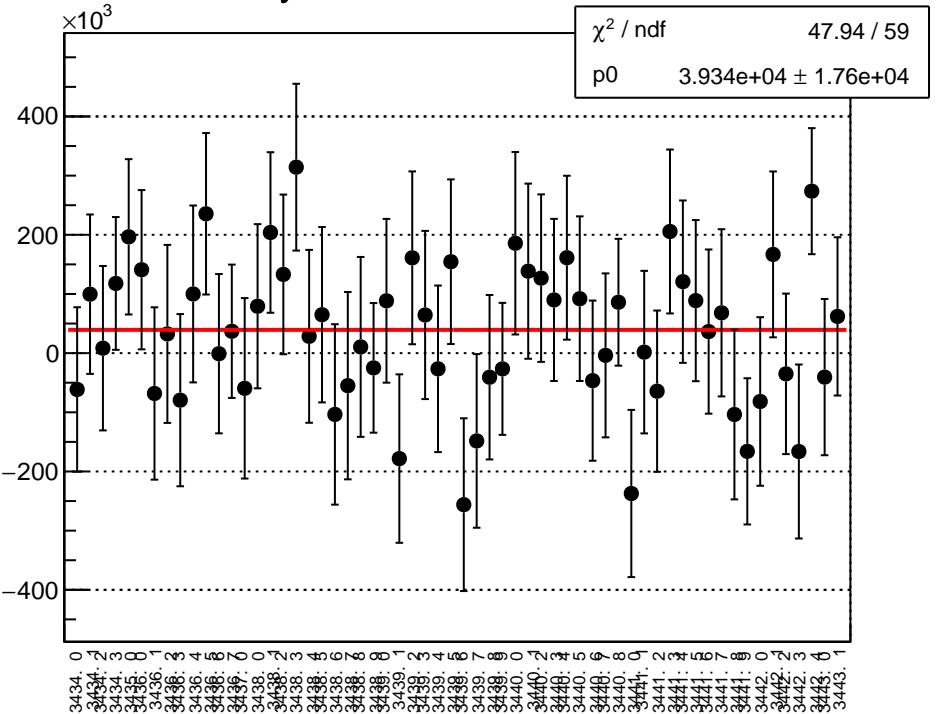
asym_sam2_mean vs run



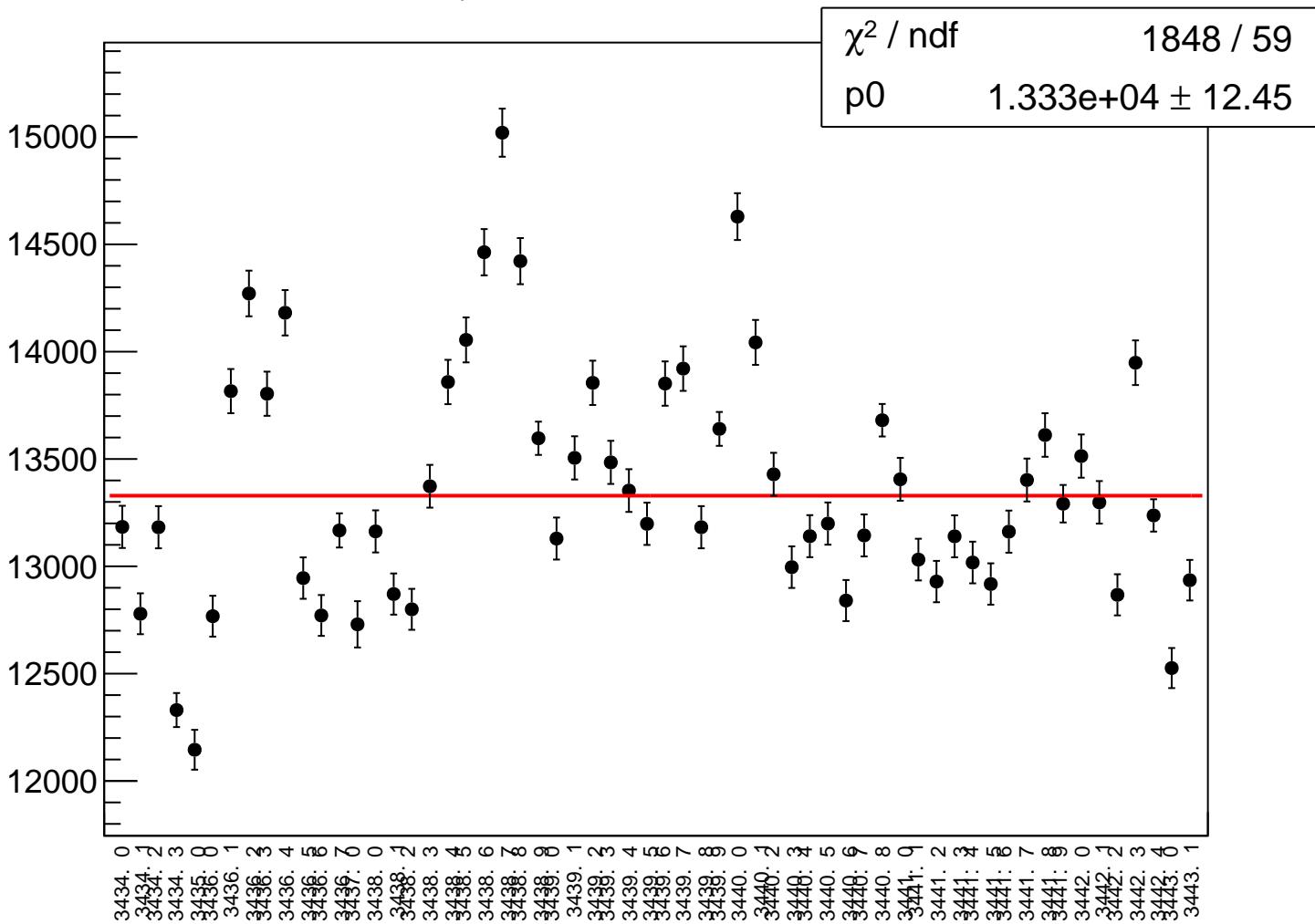
asym_sam2_rms vs run



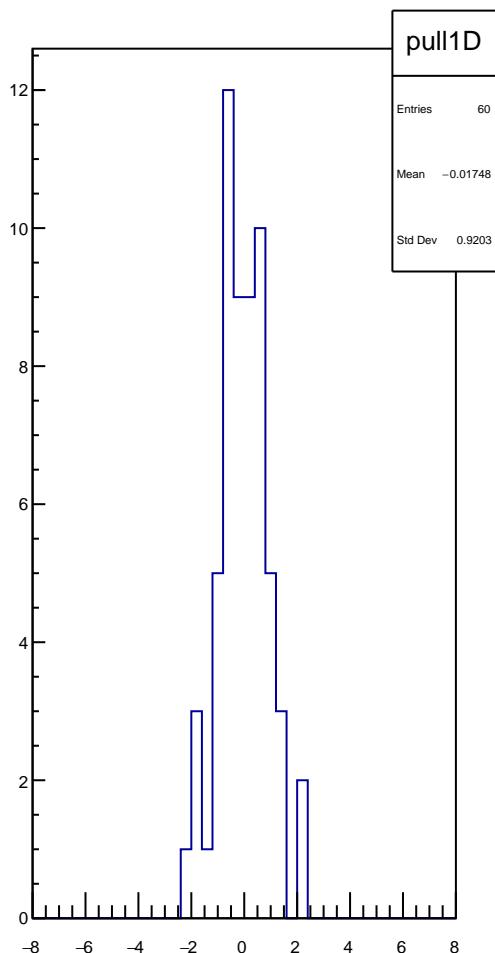
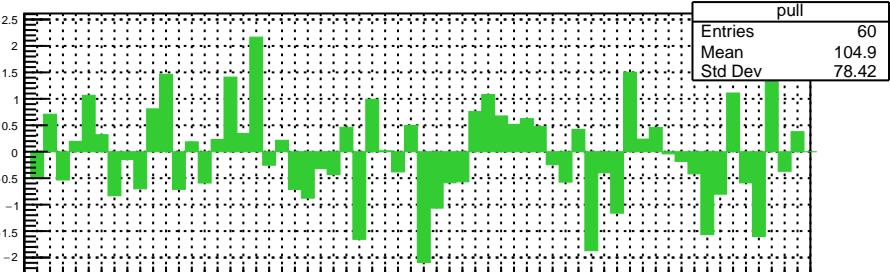
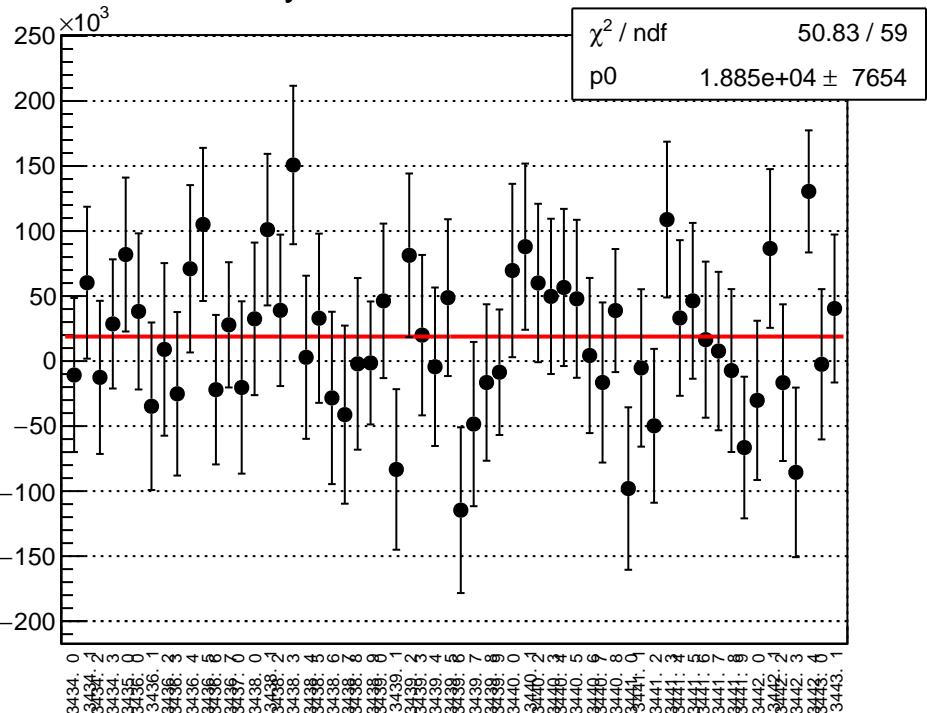
asym_sam3_mean vs run



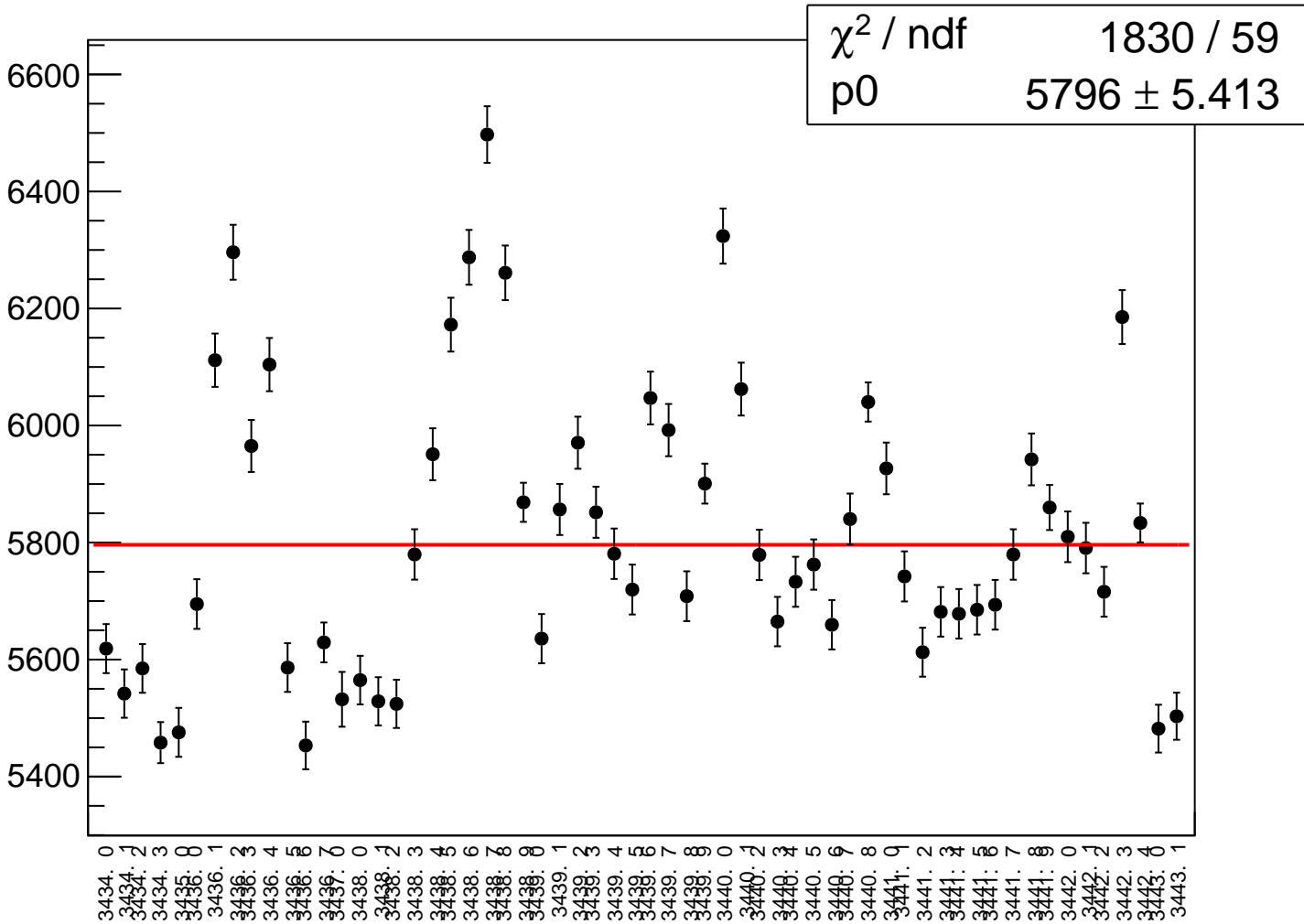
asym_sam3_rms vs run



asym_sam4_mean vs run



asym_sam4_rms vs run

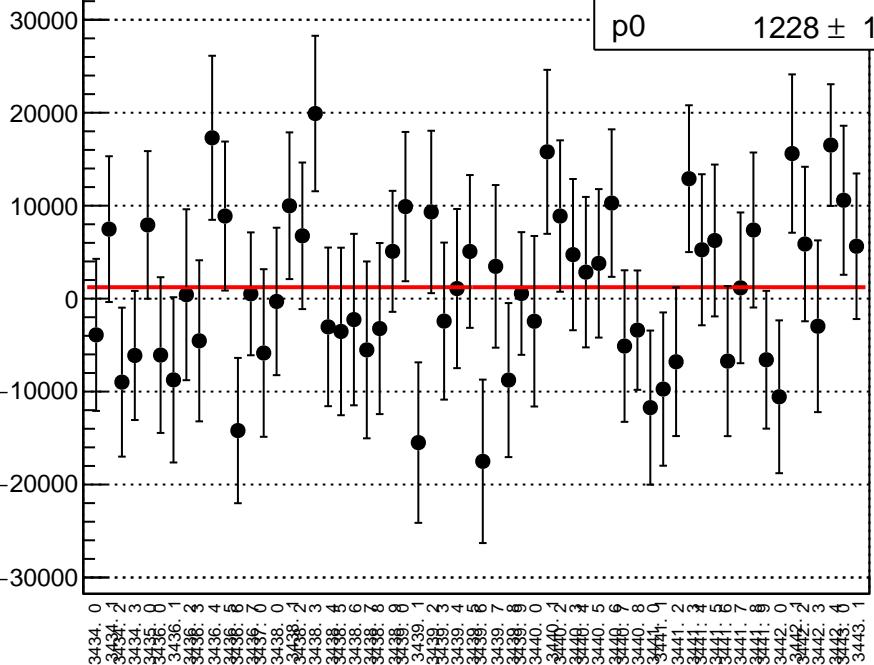


asym_sam5_mean vs run

χ^2 / ndf

66.19 / 59

p0 1228 ± 1045

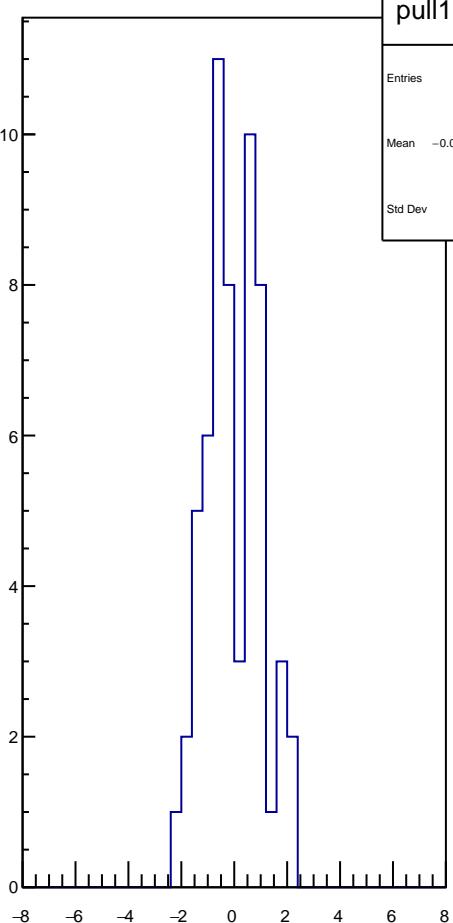


pull1D

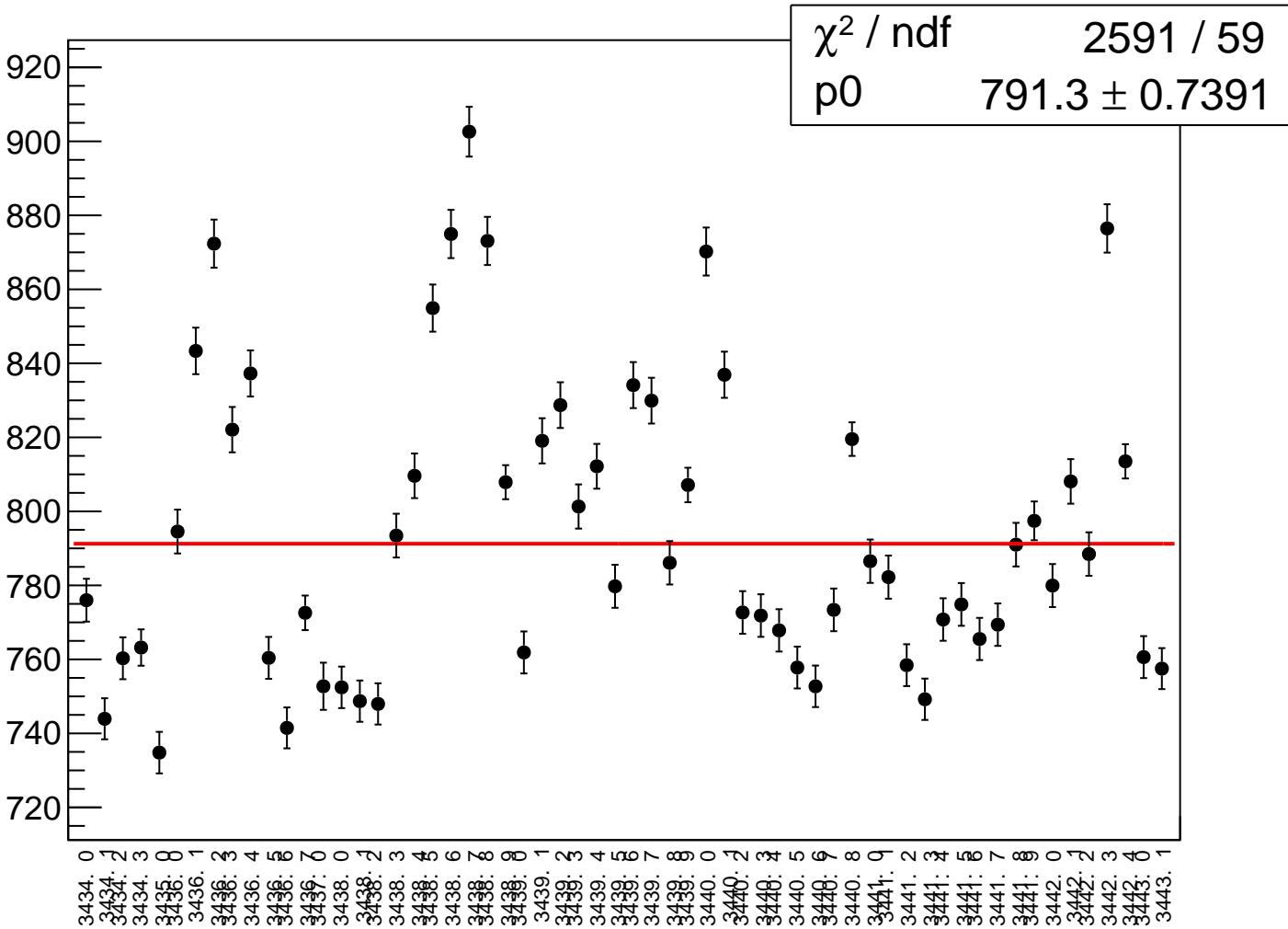
Entries 60

Mean -0.01316

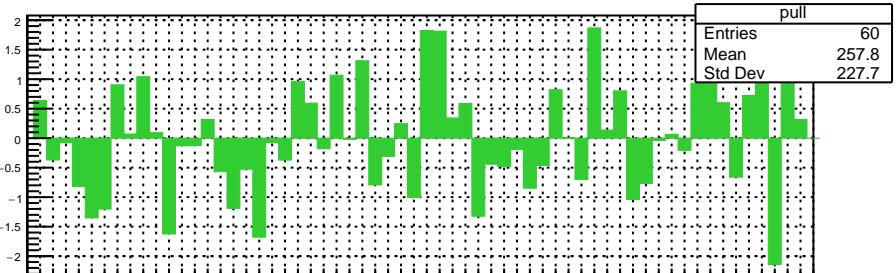
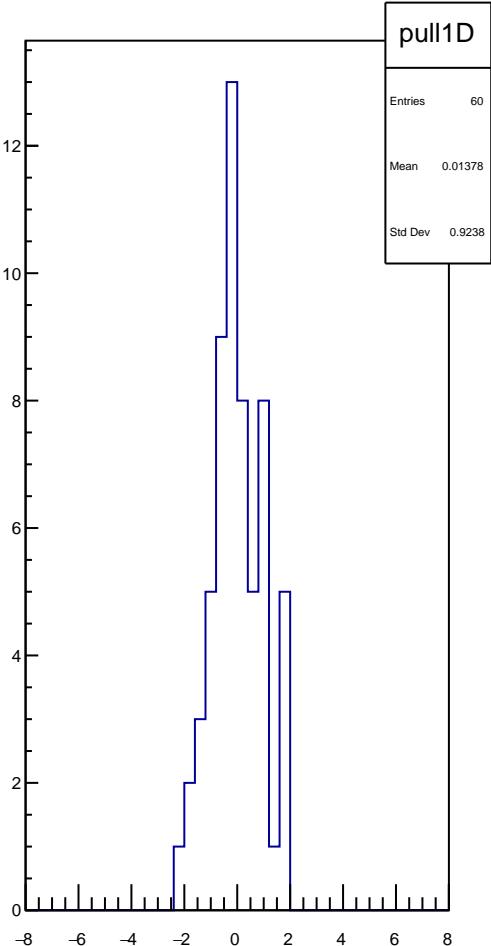
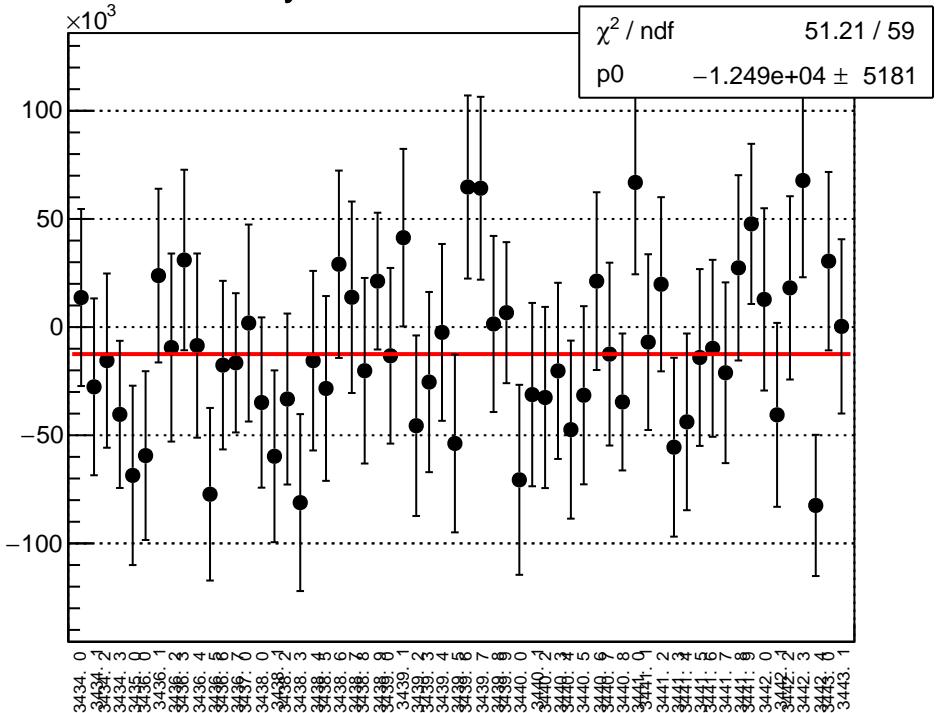
Std Dev 1.05



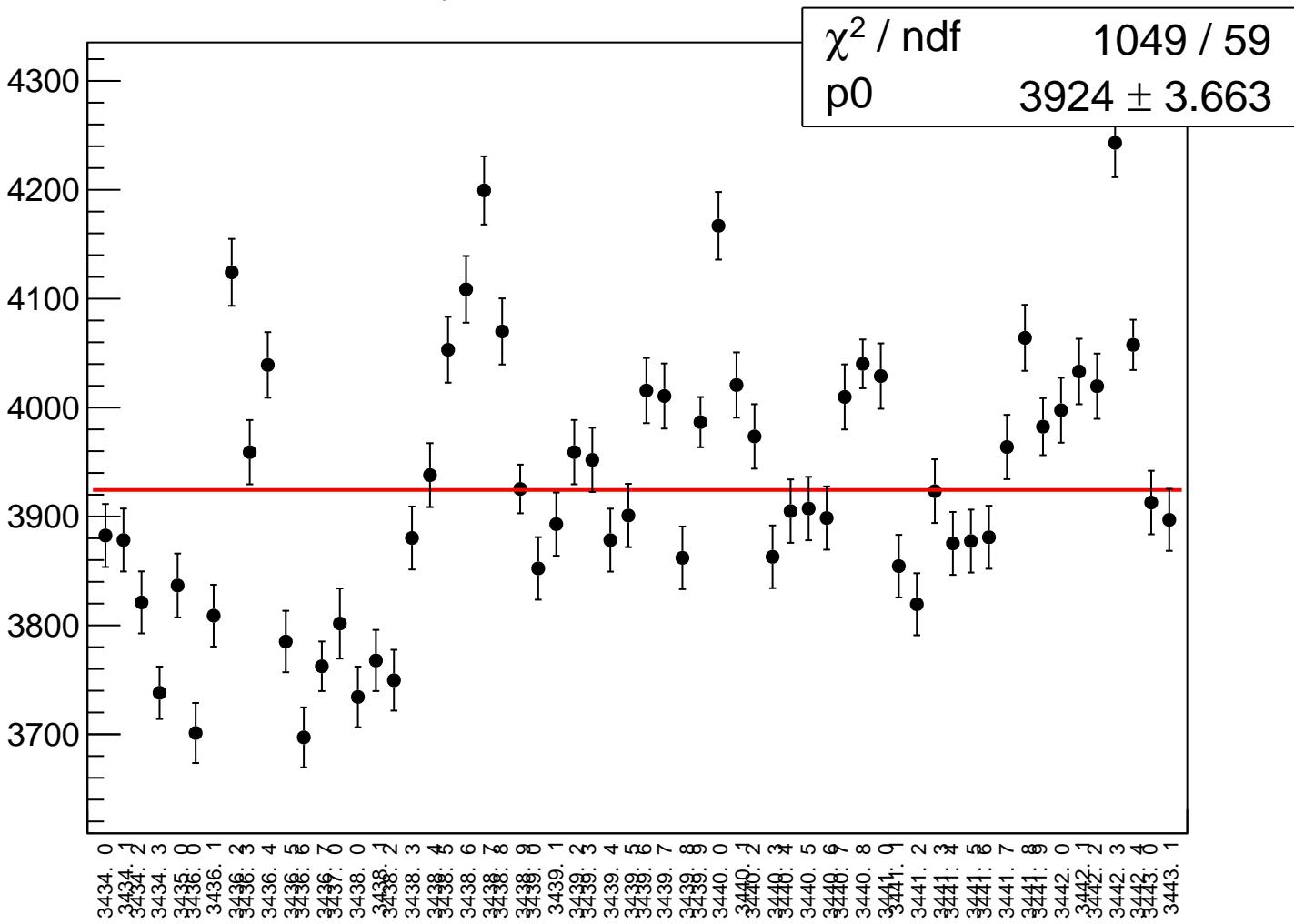
asym_sam5_rms vs run

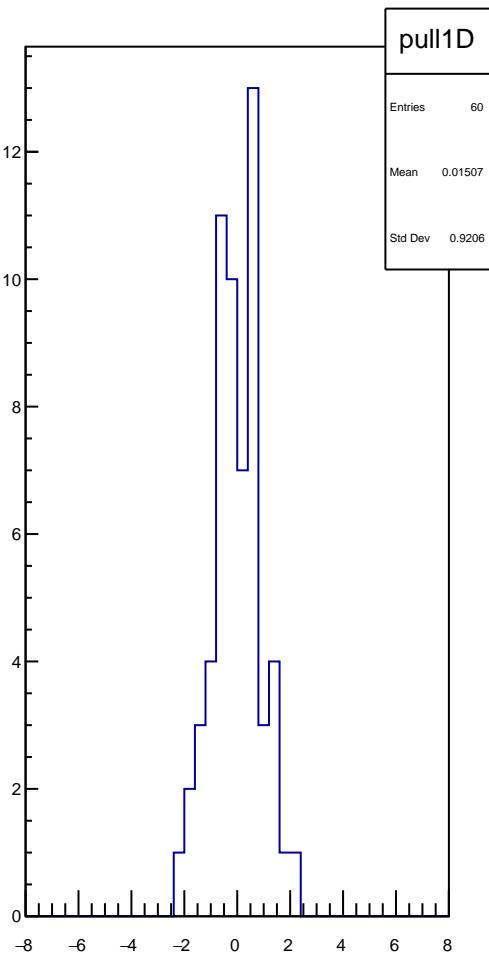
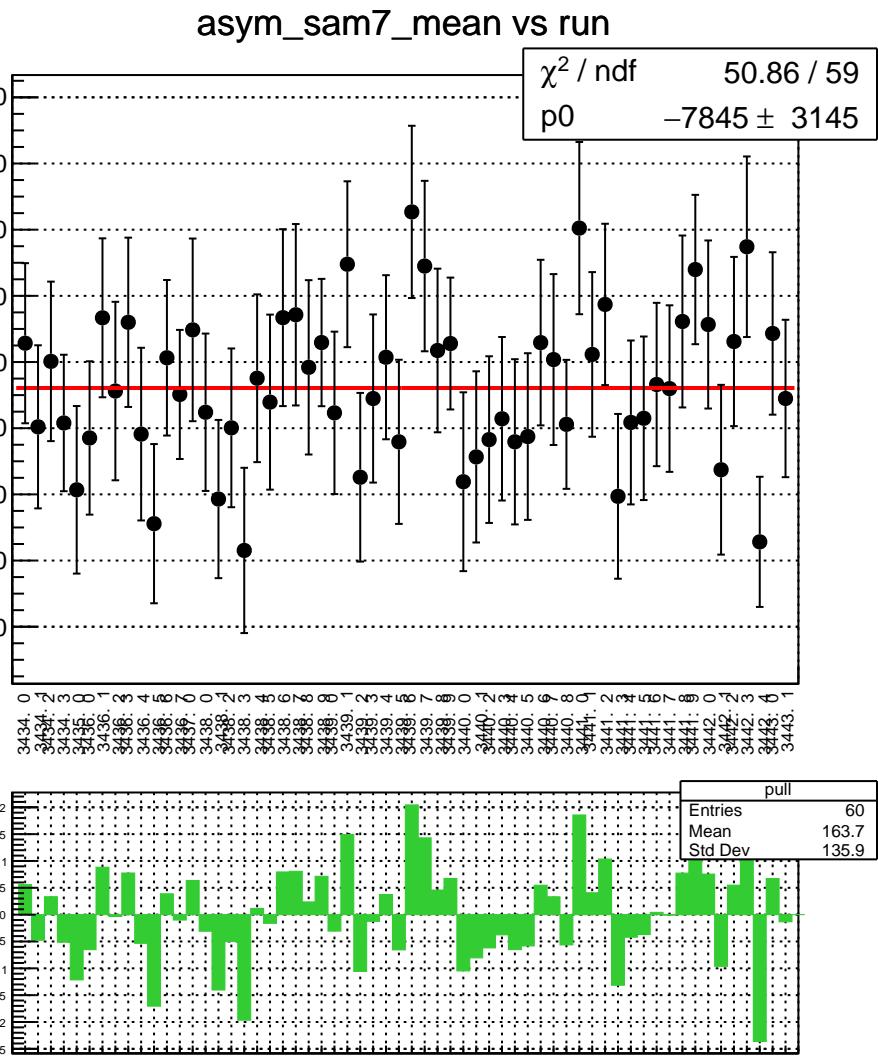


asym_sam6_mean vs run

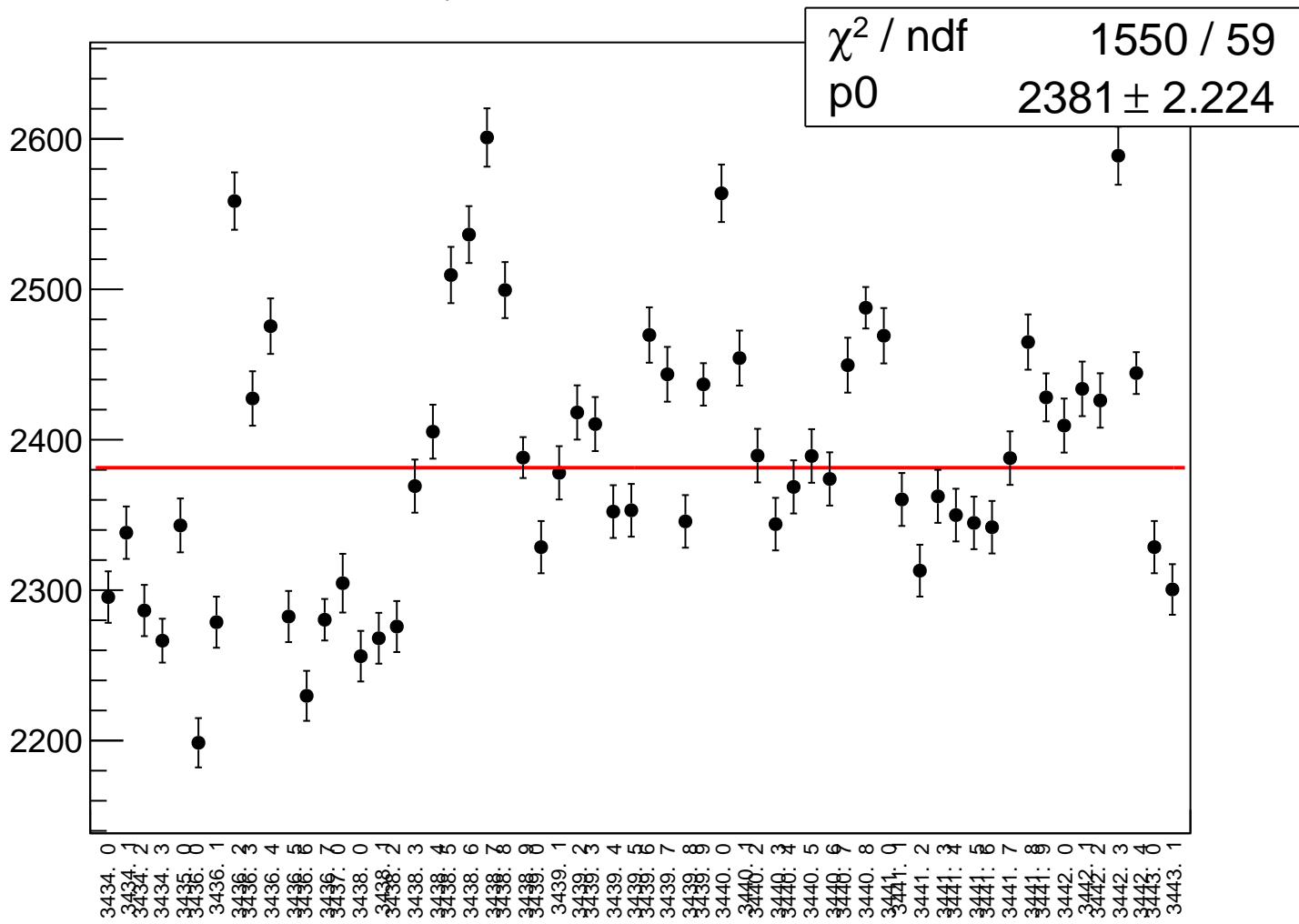


asym_sam6_rms vs run



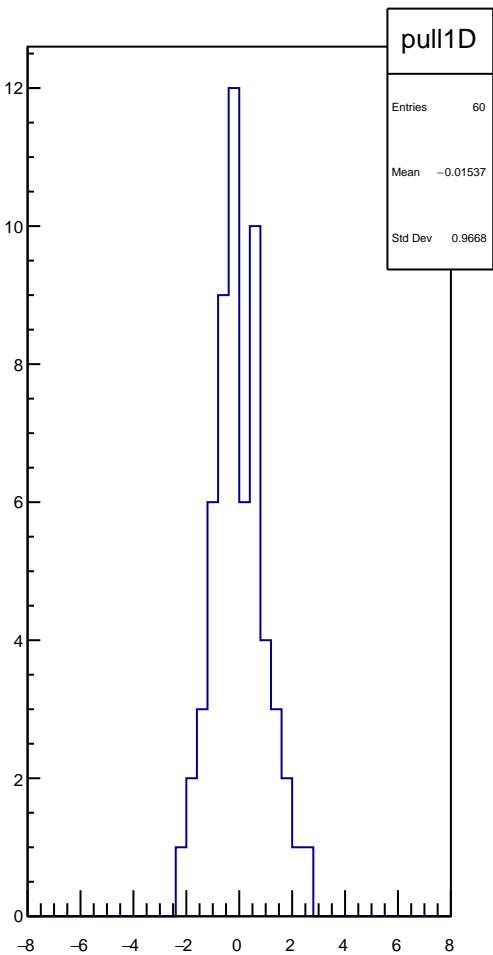
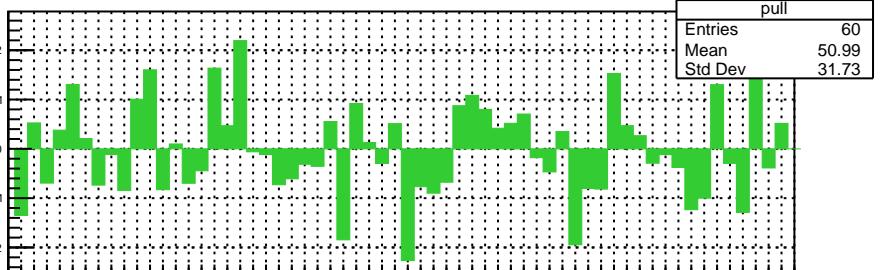
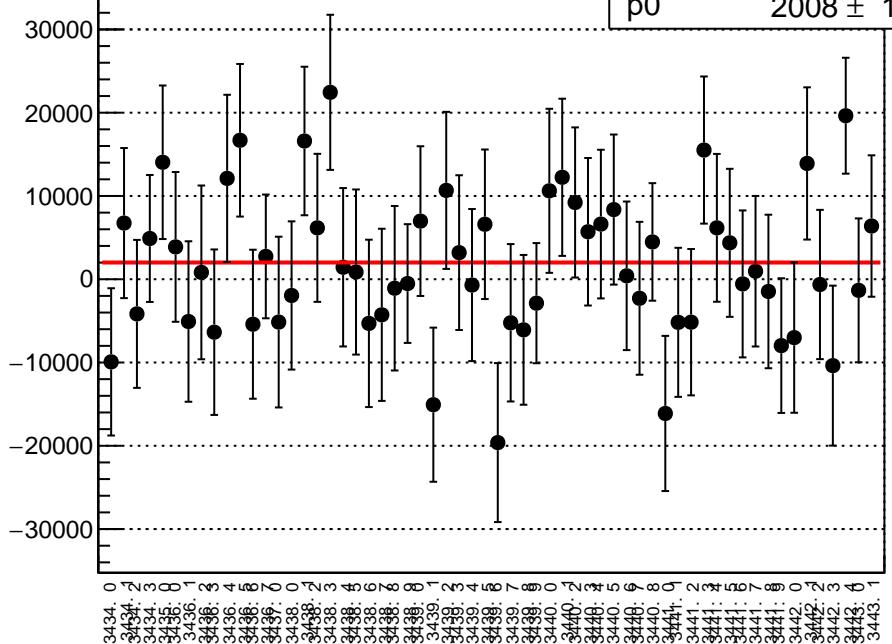


asym_sam7_rms vs run

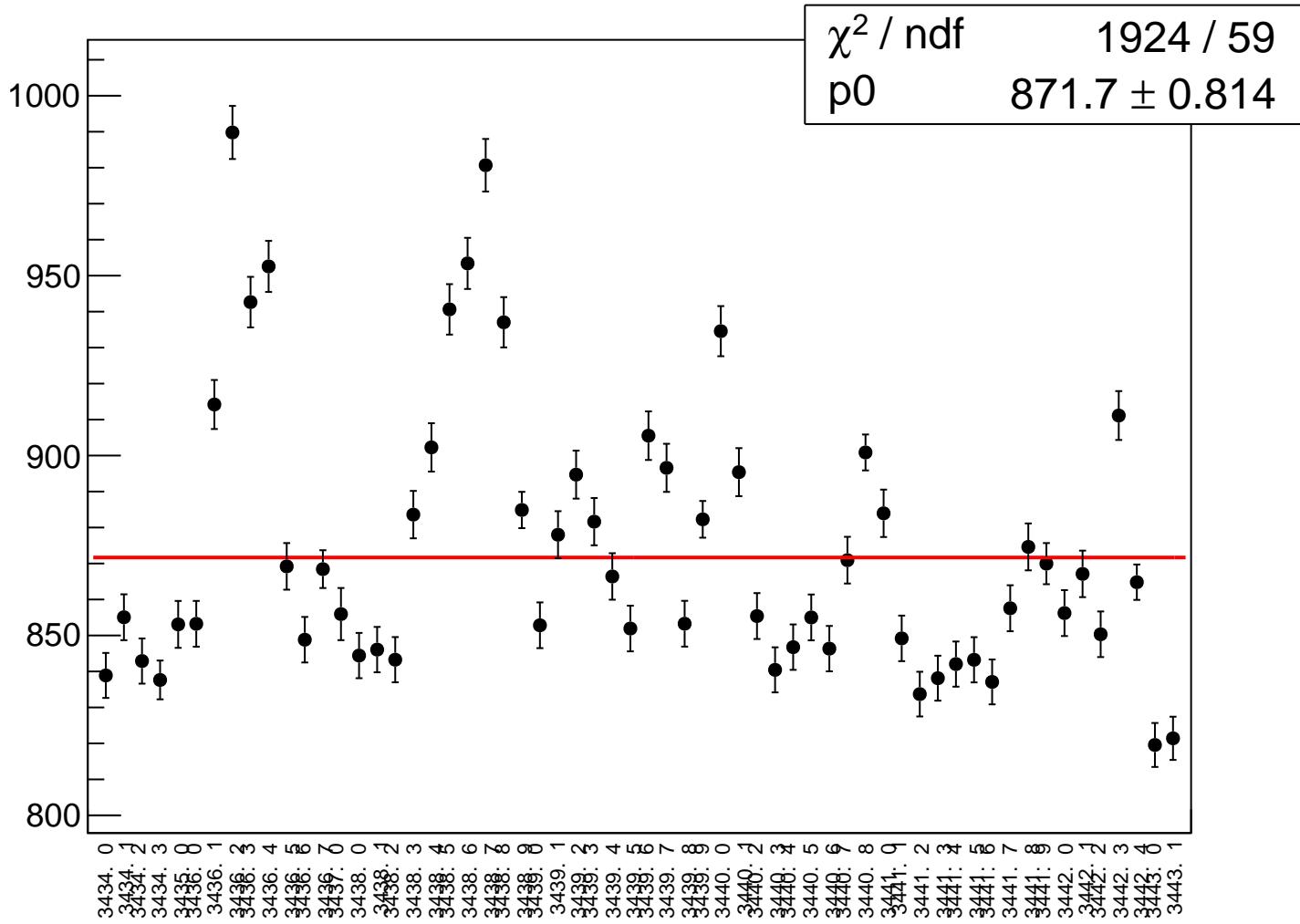


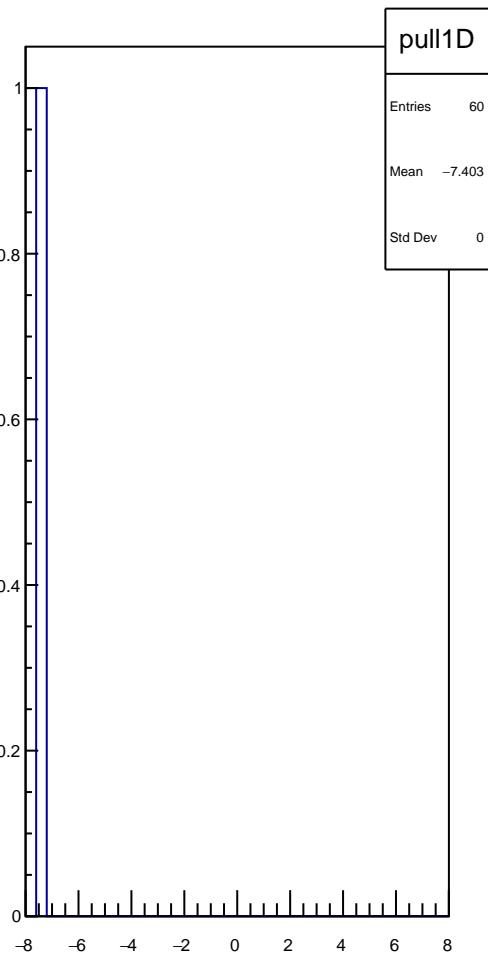
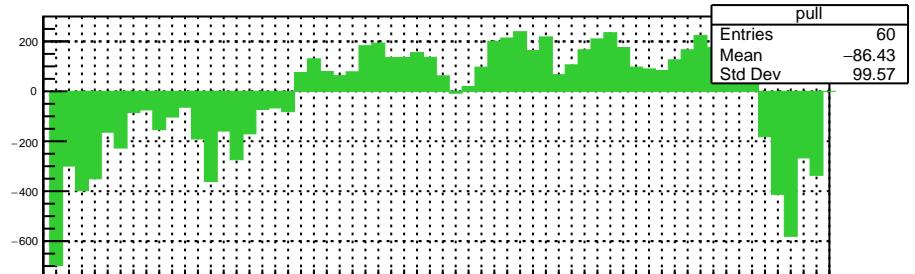
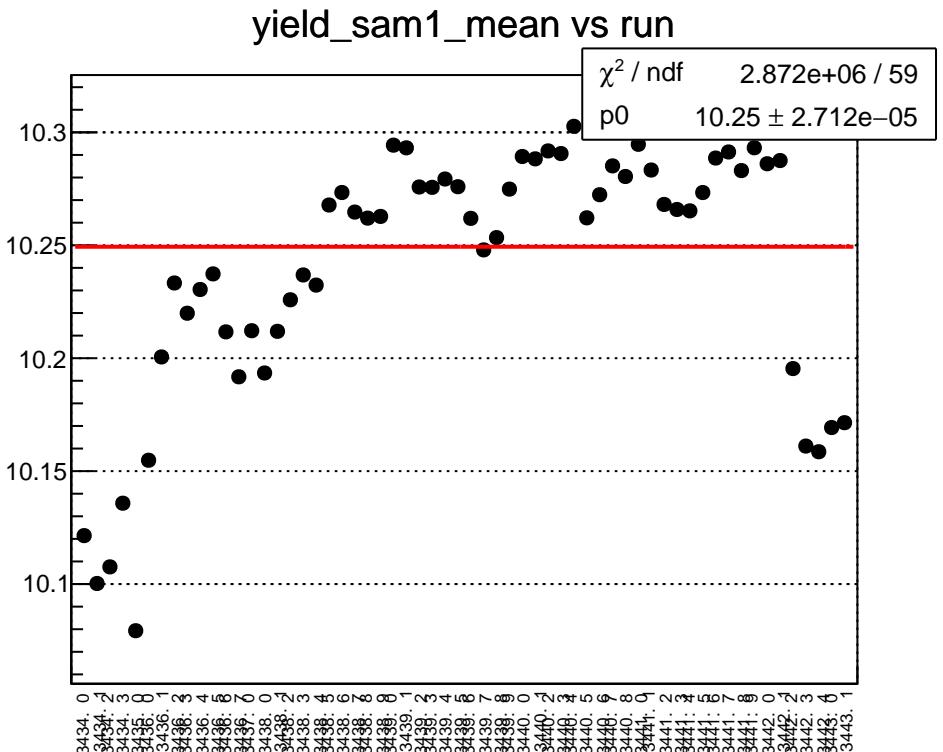
asym_sam8_mean vs run

χ^2 / ndf 56.1 / 59
 p_0 2008 ± 1151

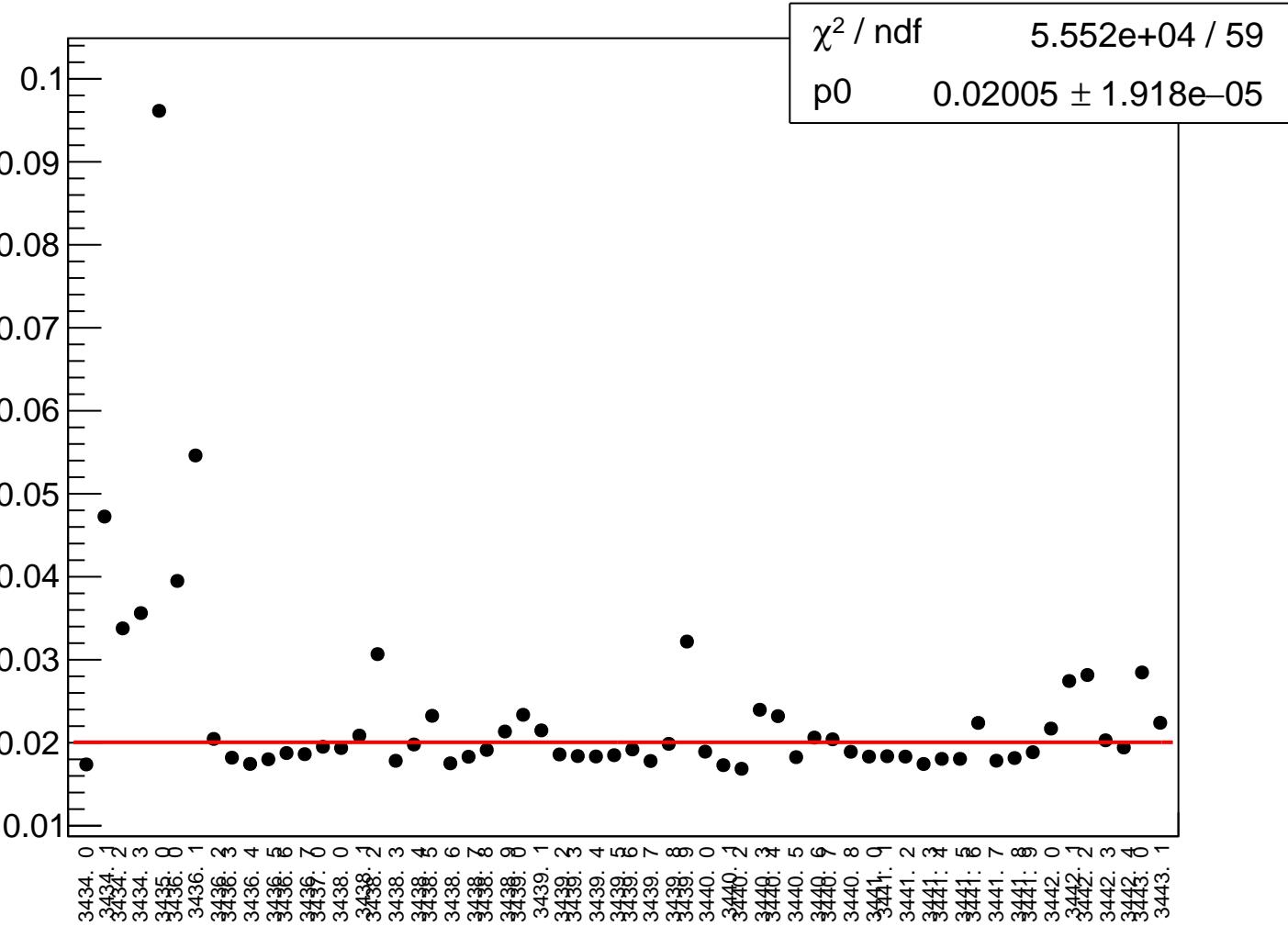


asym_sam8_rms vs run

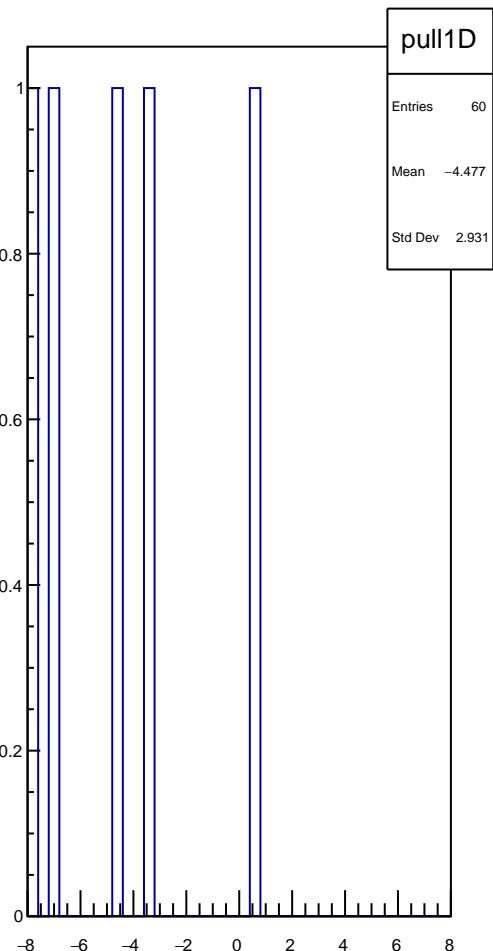
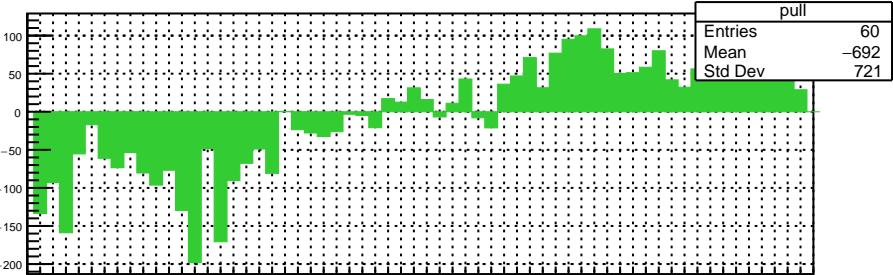
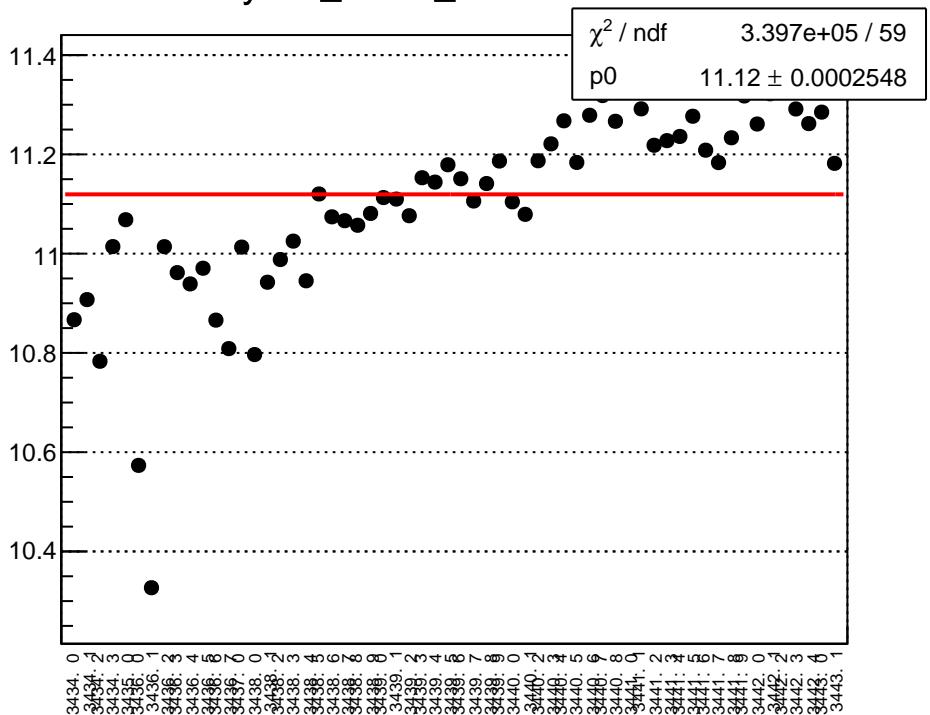




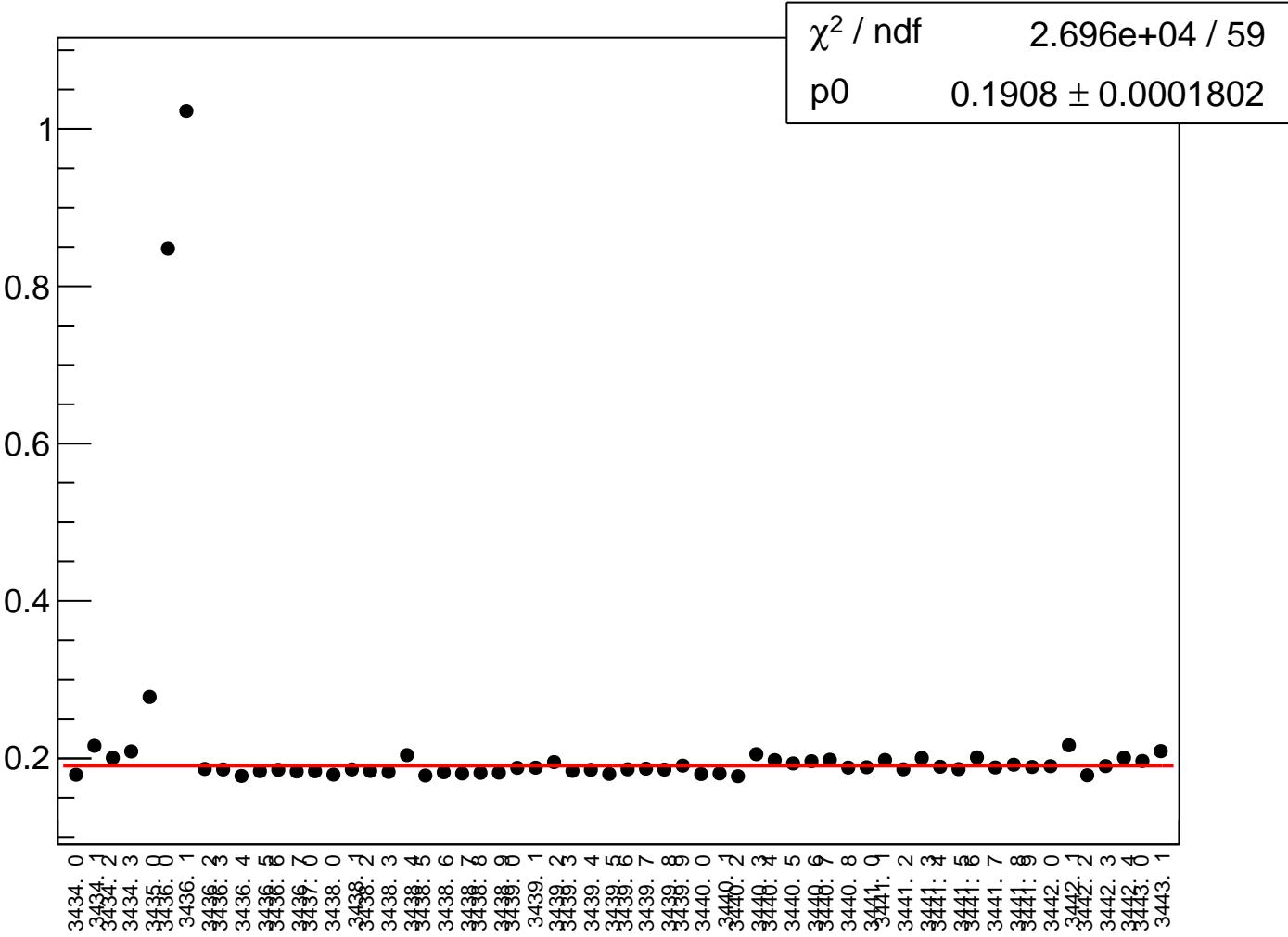
yield_sam1_rms vs run



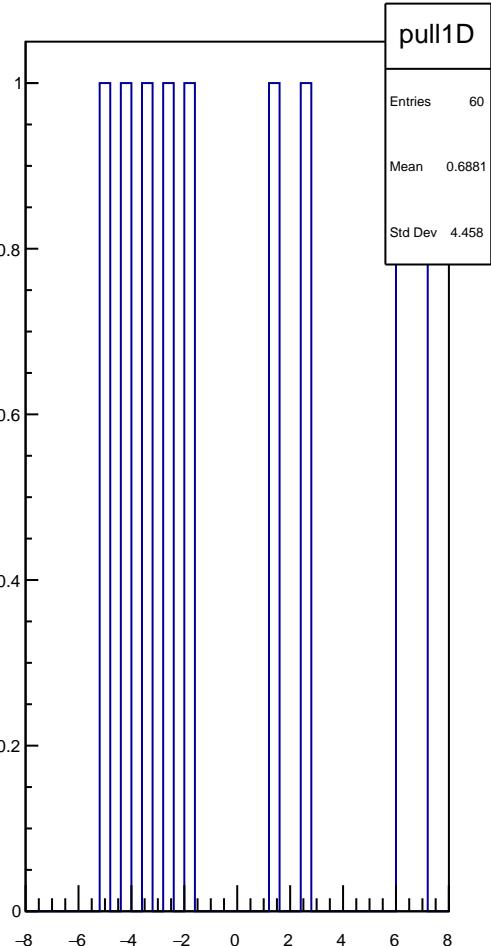
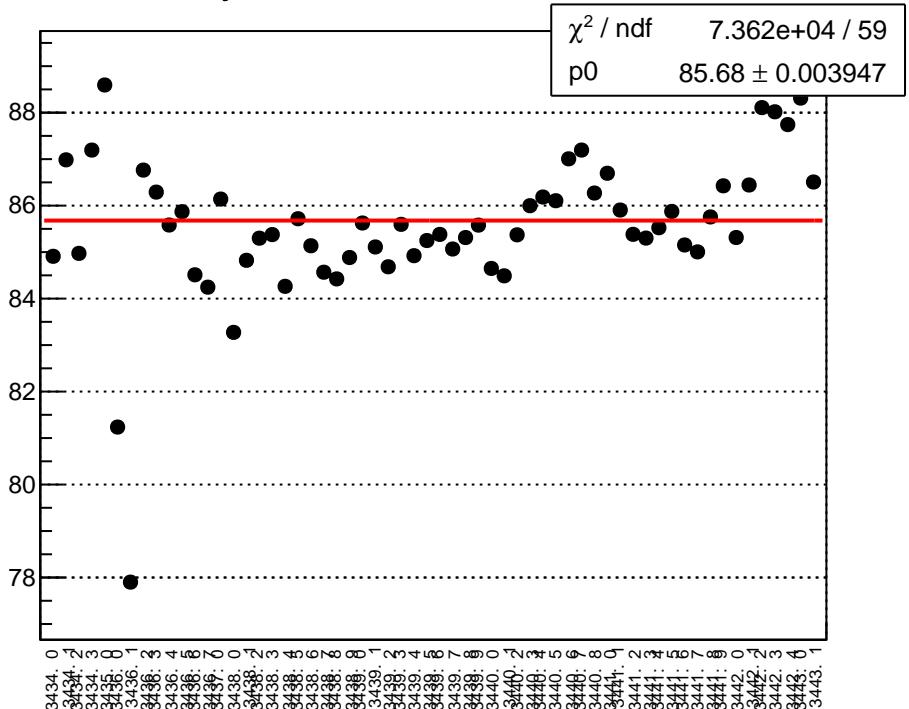
yield_sam2_mean vs run



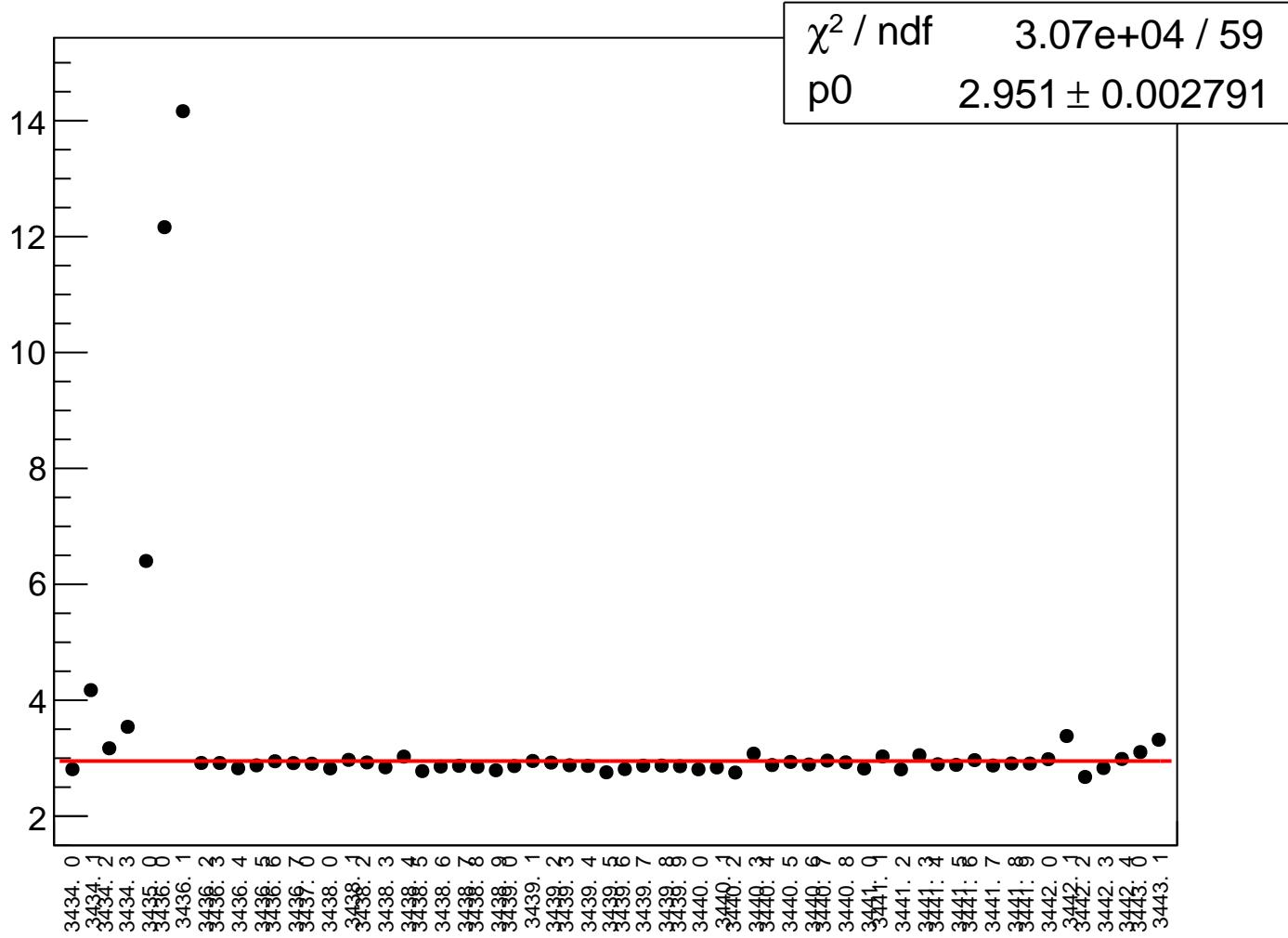
yield_sam2_rms vs run



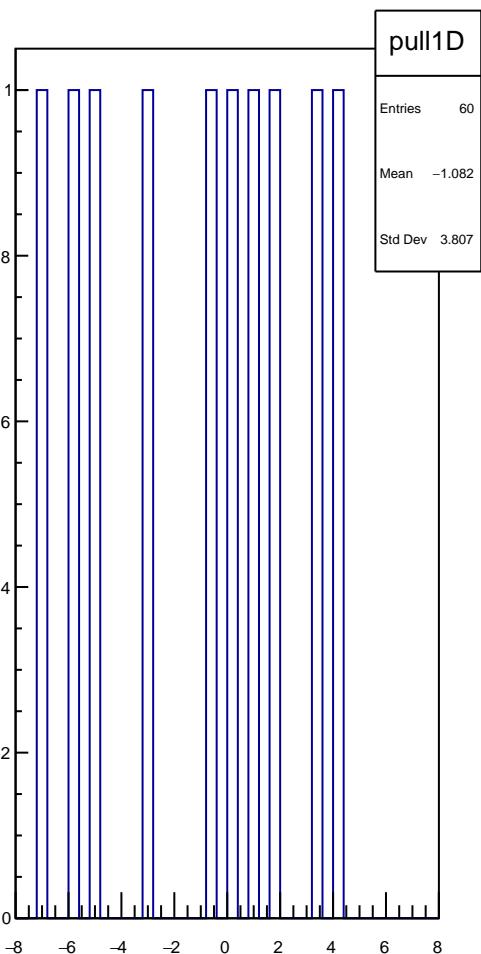
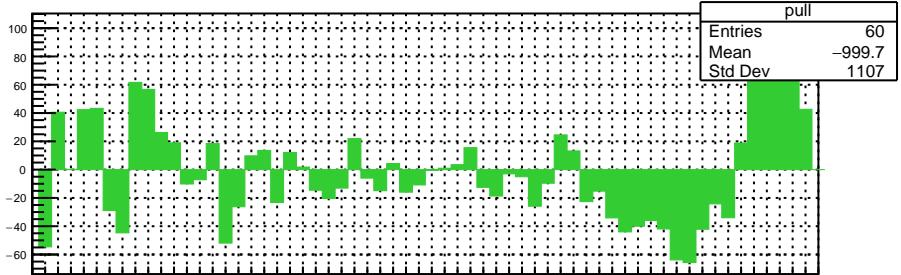
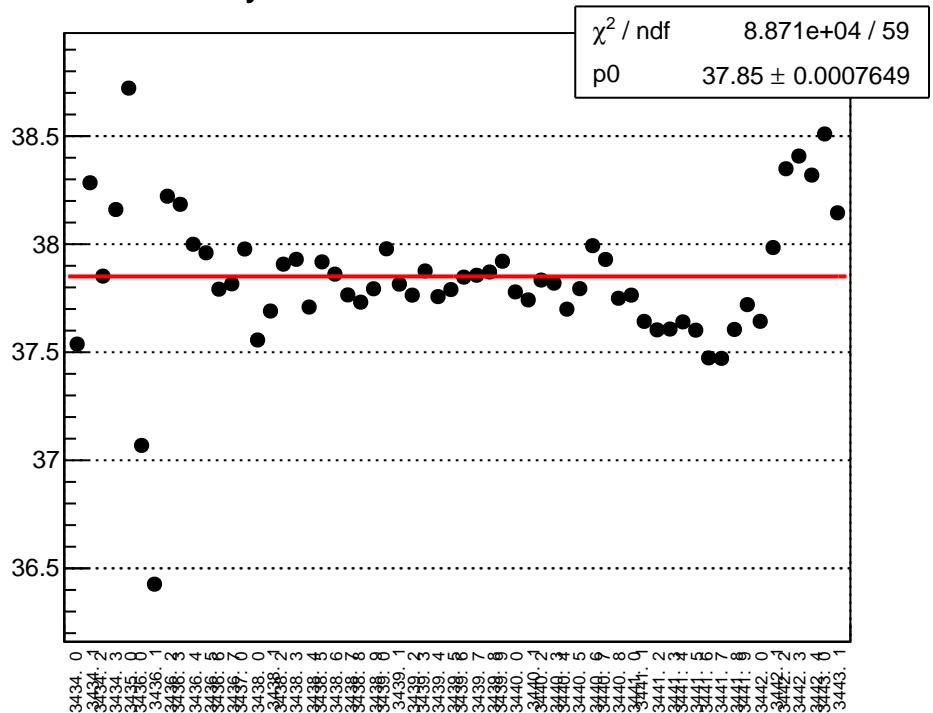
yield_sam3_mean vs run



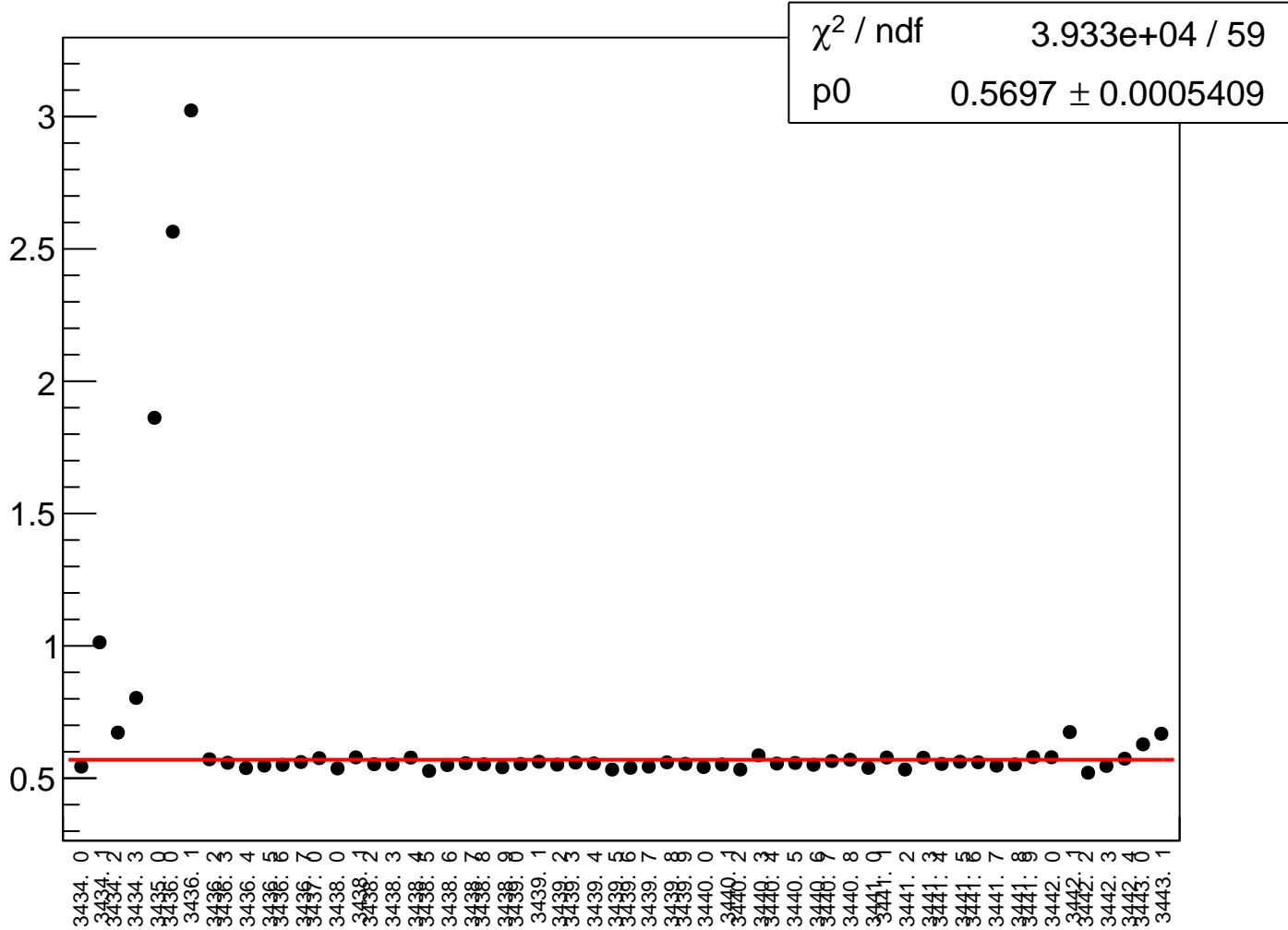
yield_sam3_rms vs run



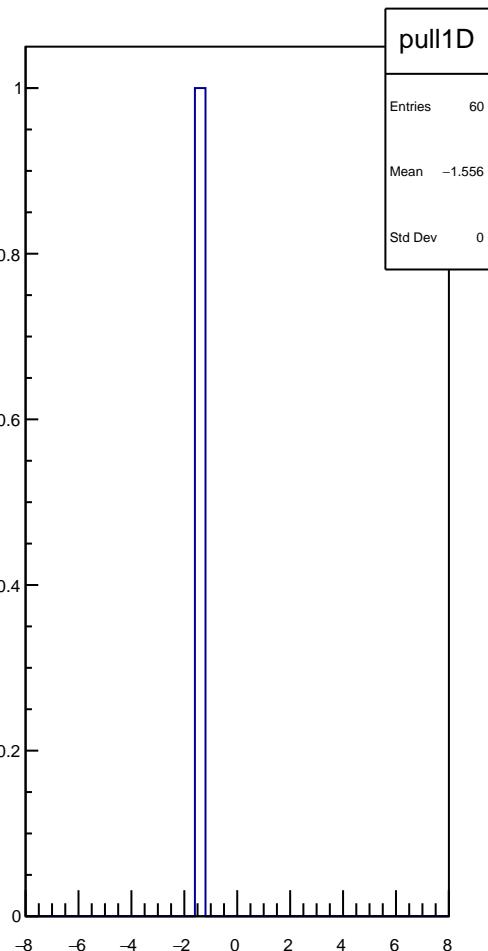
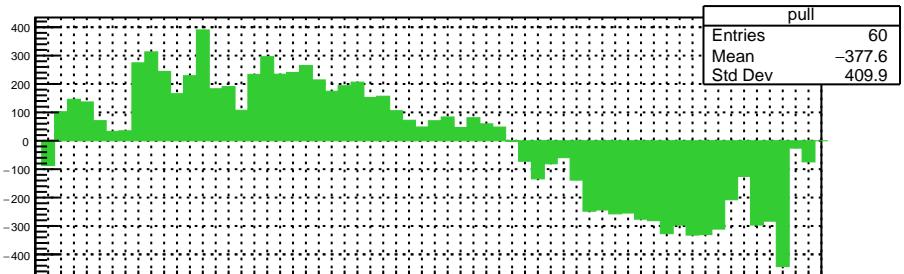
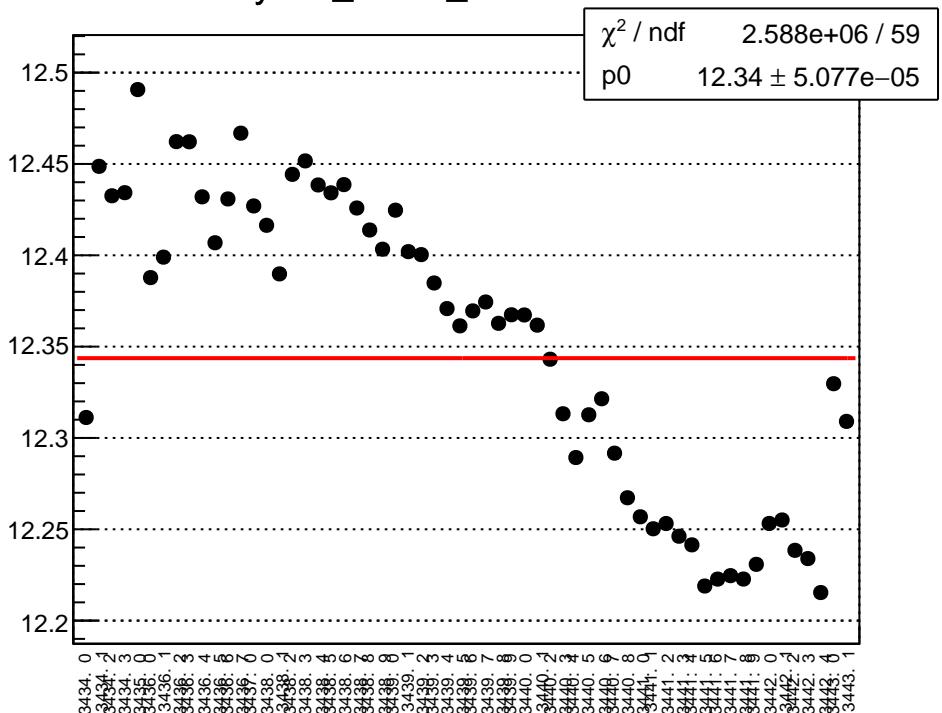
yield_sam4_mean vs run



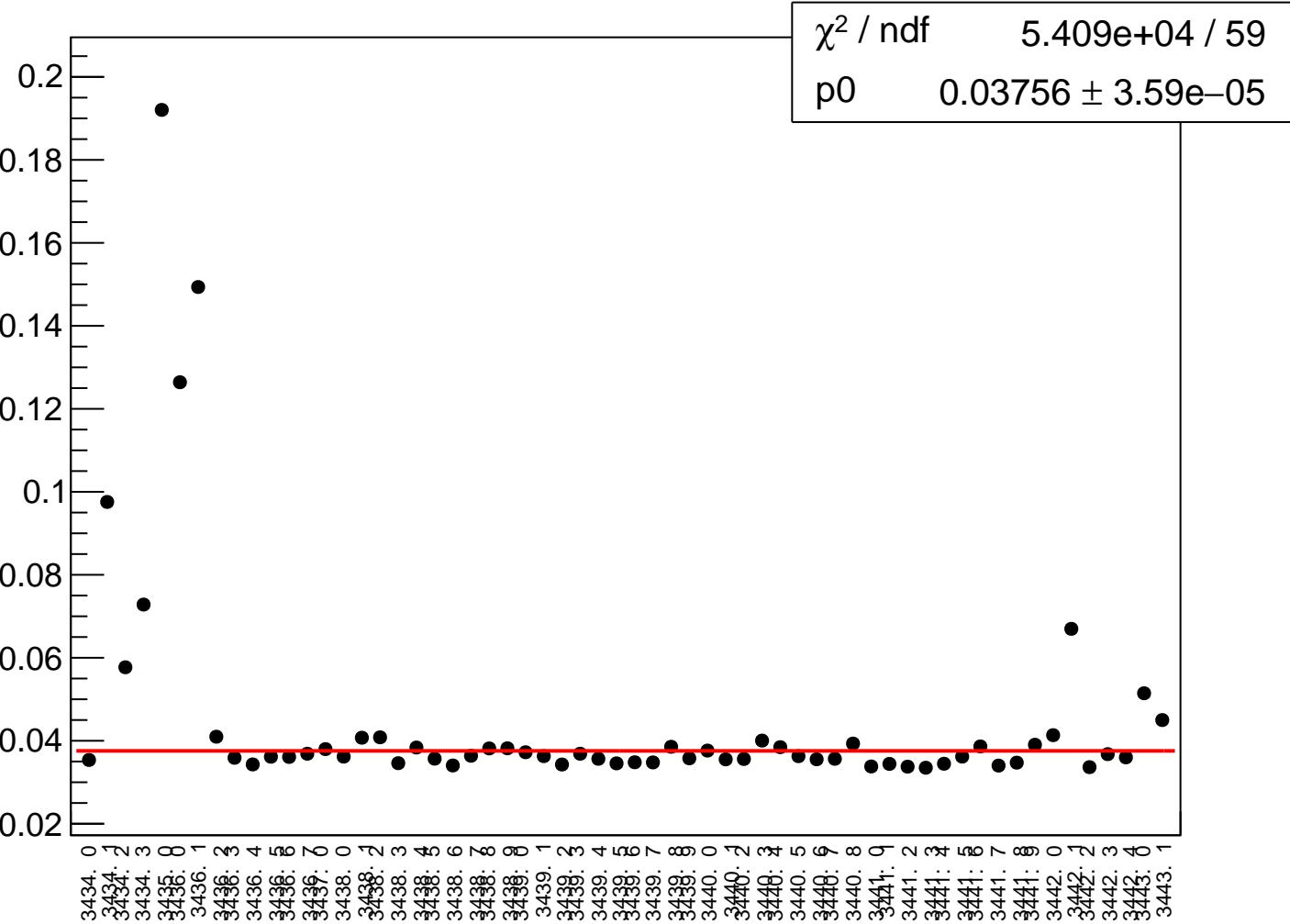
yield_sam4_rms vs run



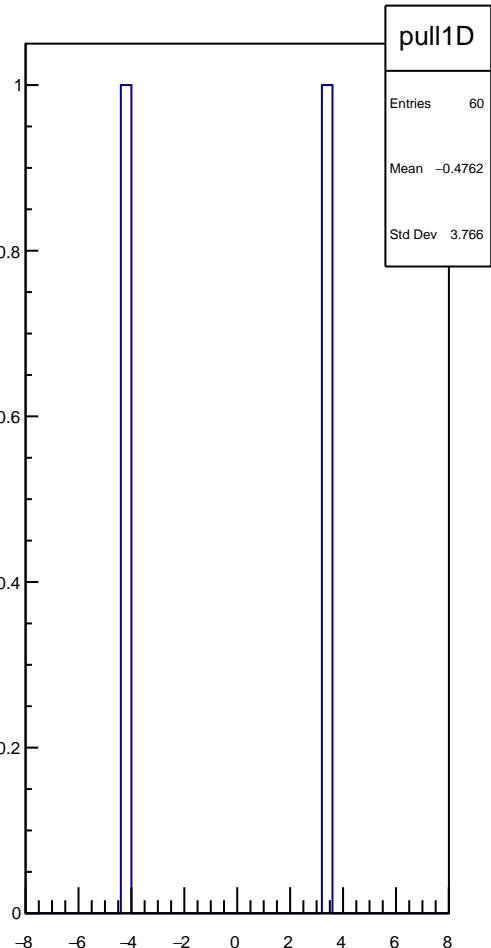
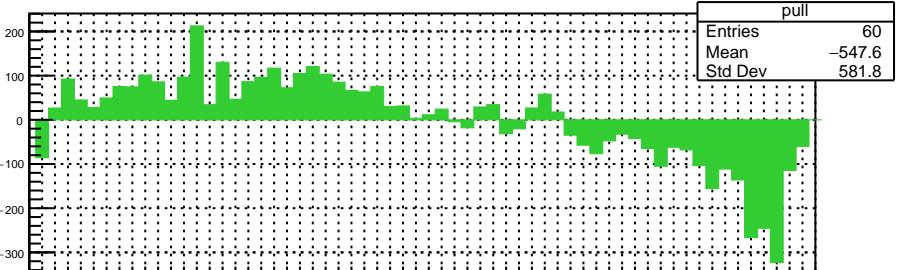
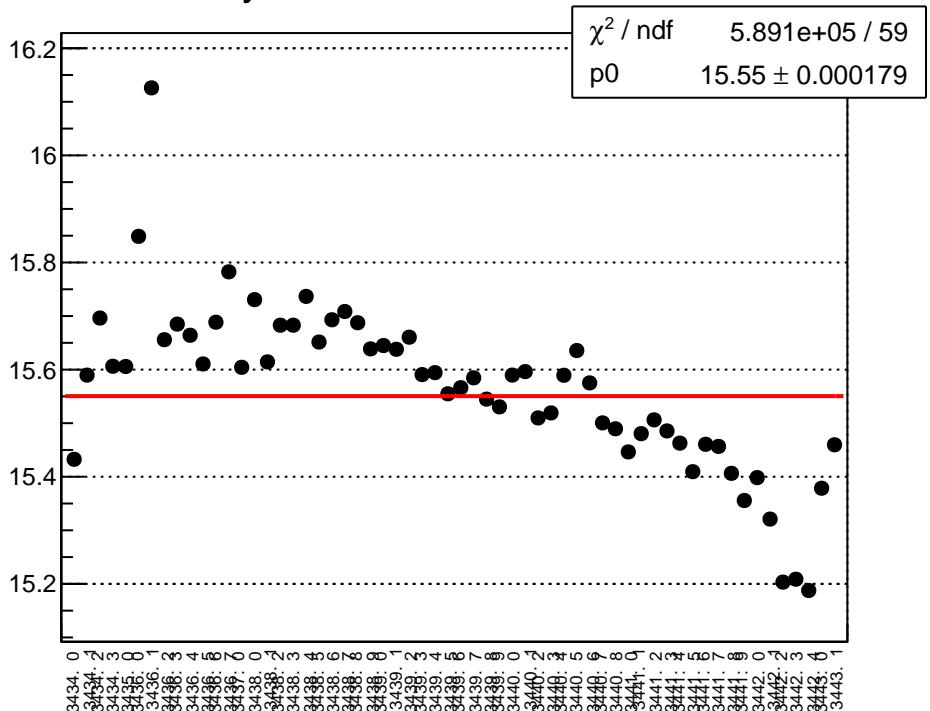
yield_sam5_mean vs run



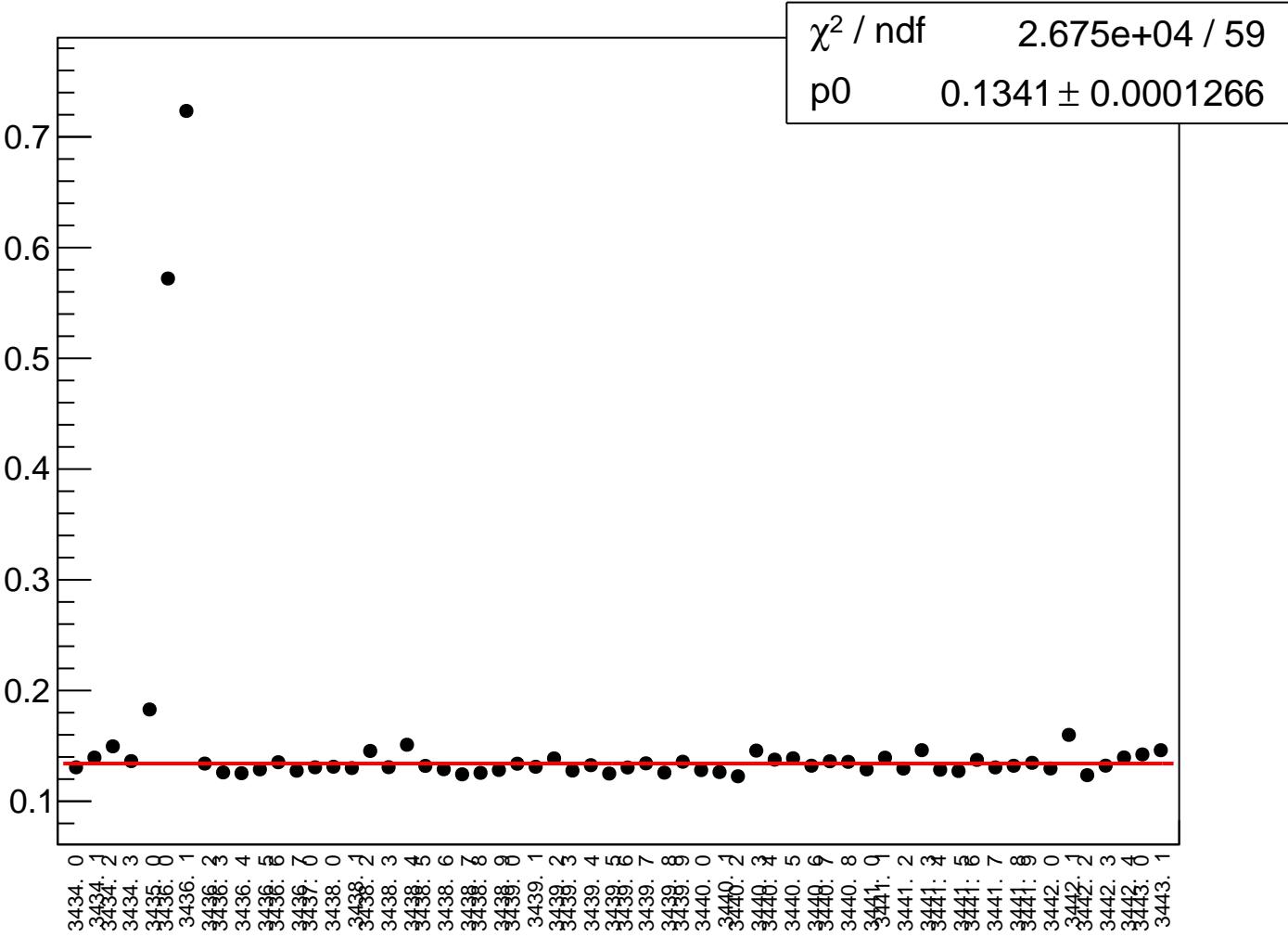
yield_sam5_rms vs run



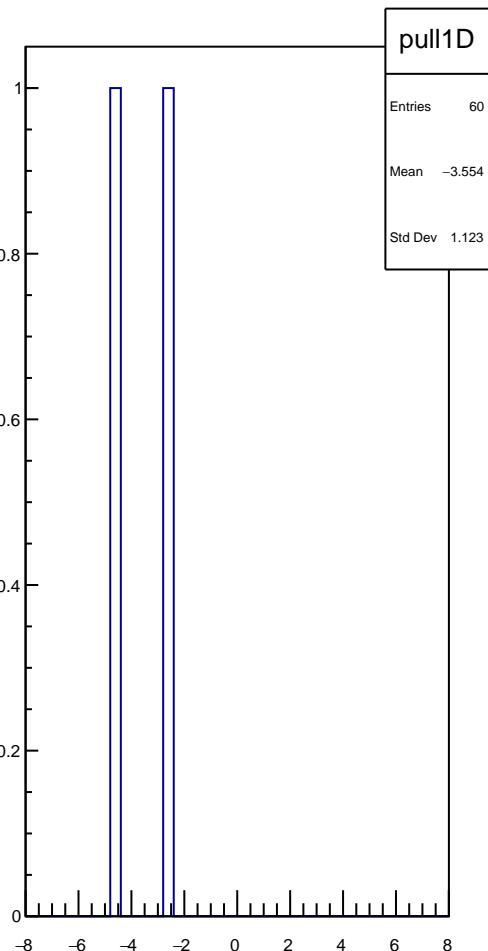
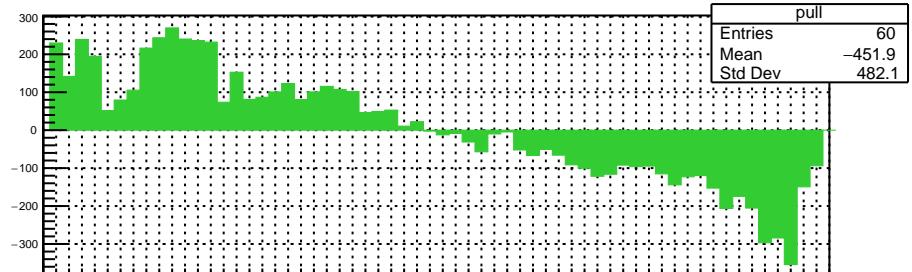
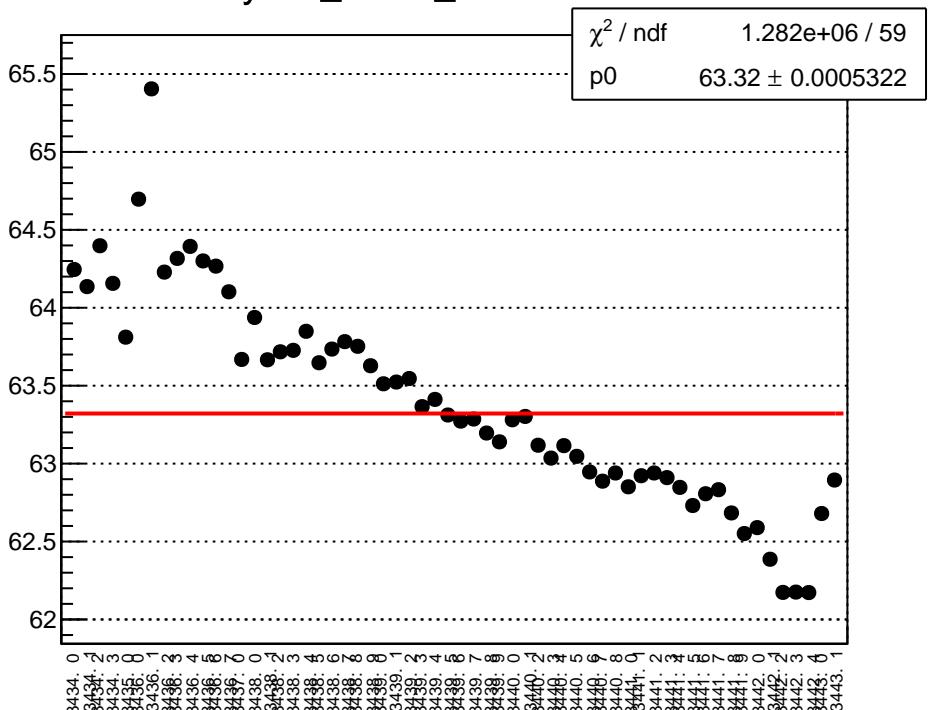
yield_sam6_mean vs run



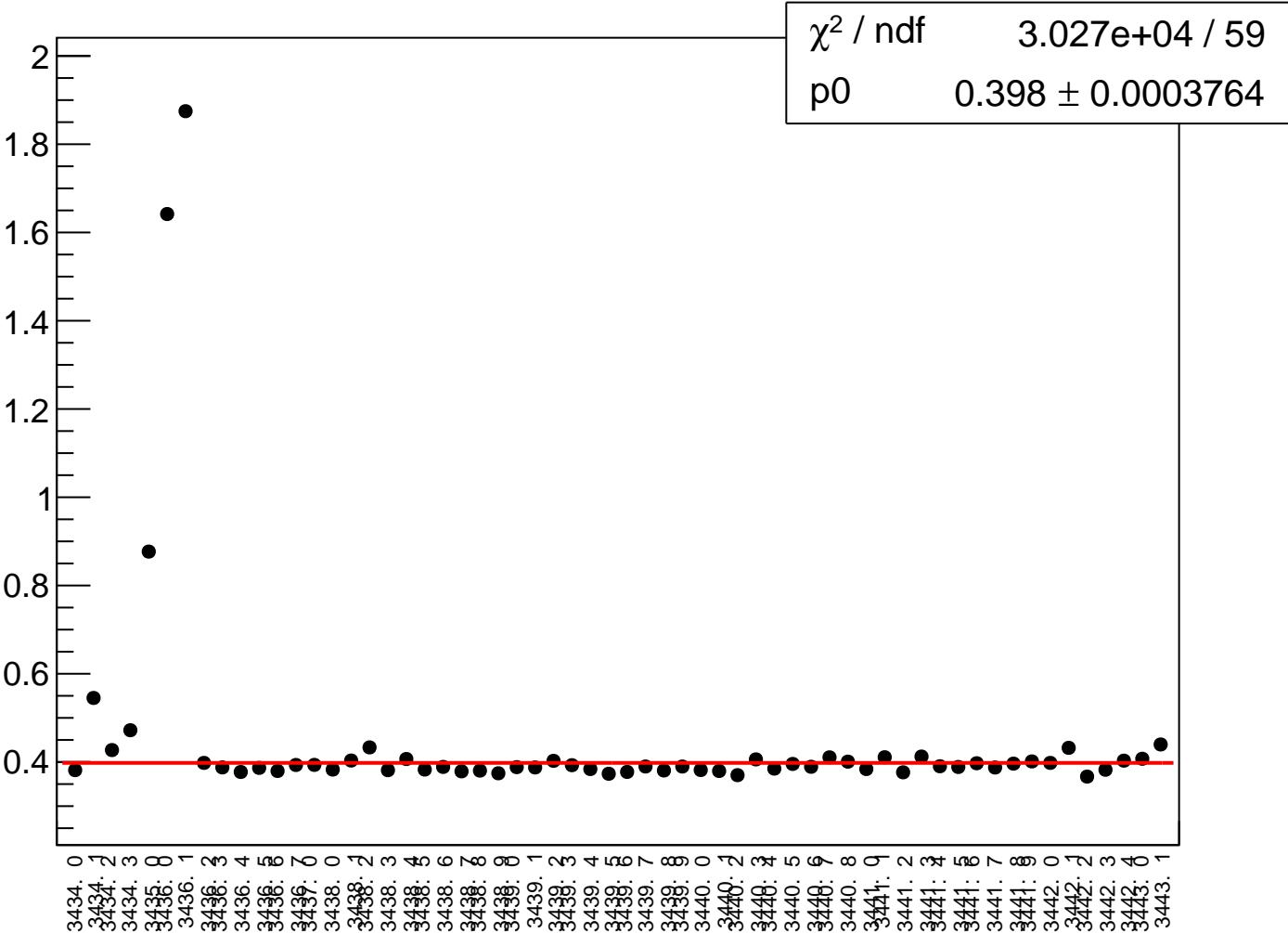
yield_sam6_rms vs run



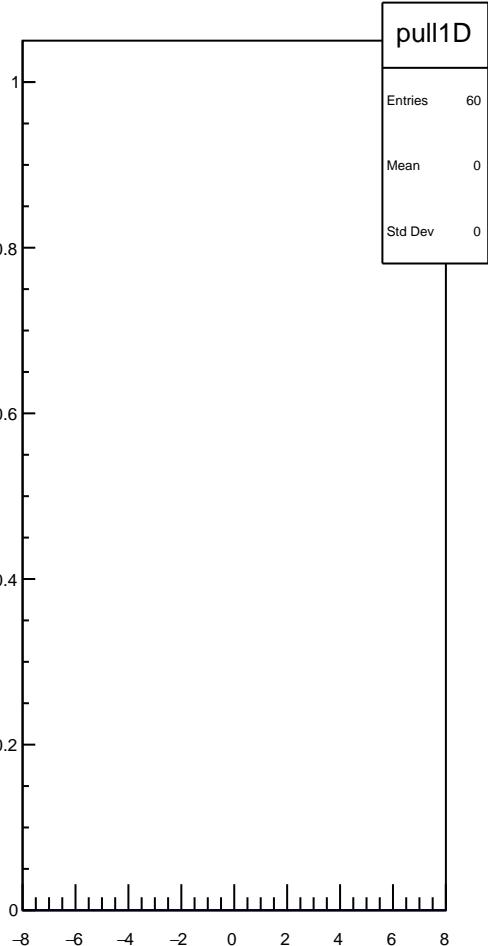
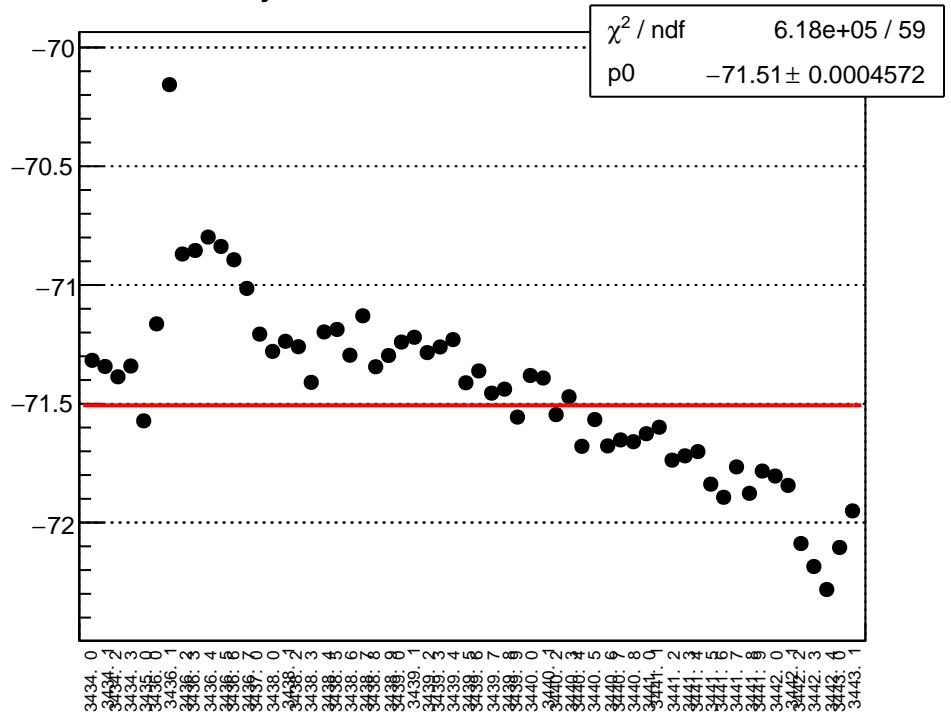
yield_sam7_mean vs run



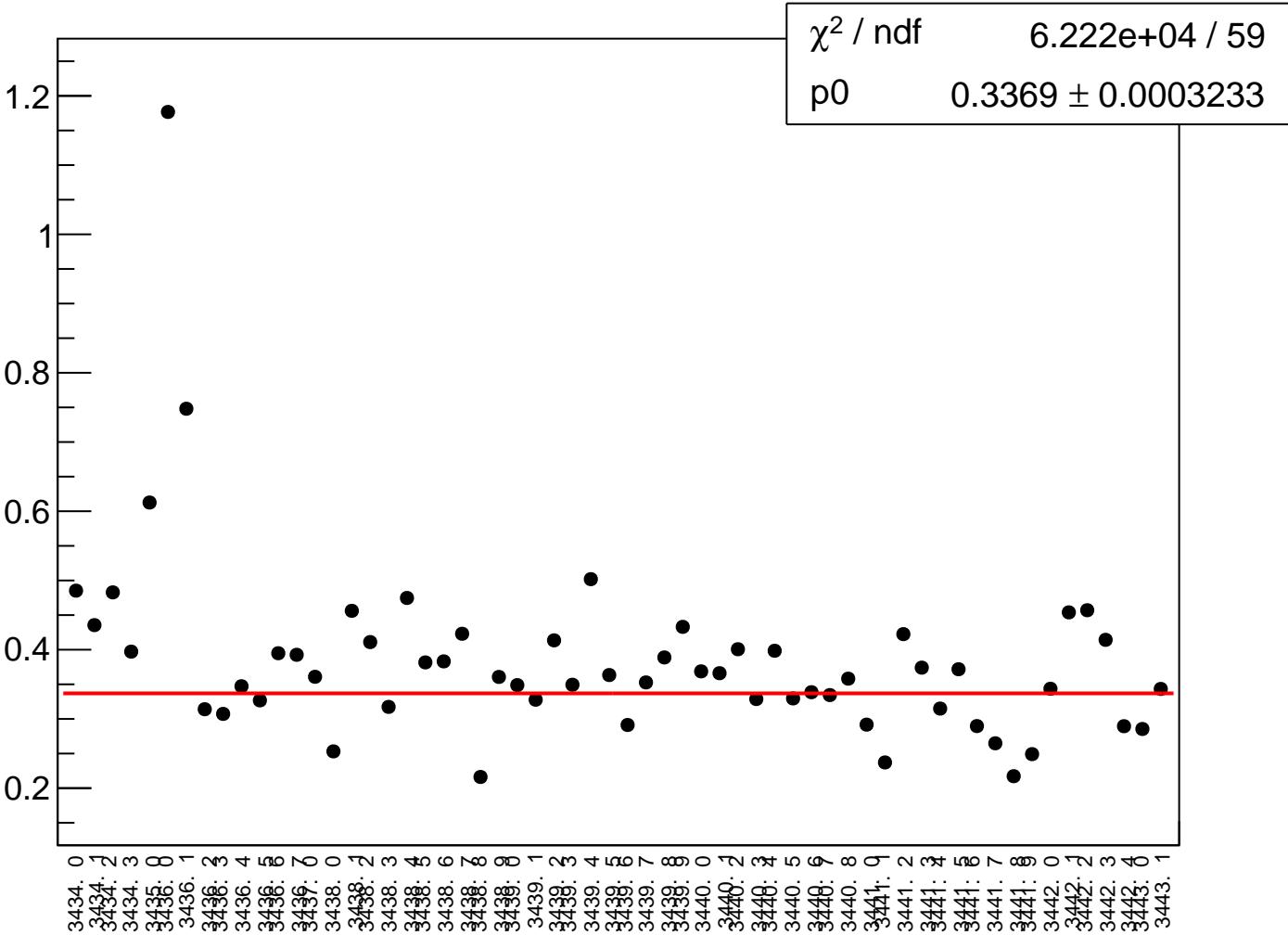
yield_sam7_rms vs run



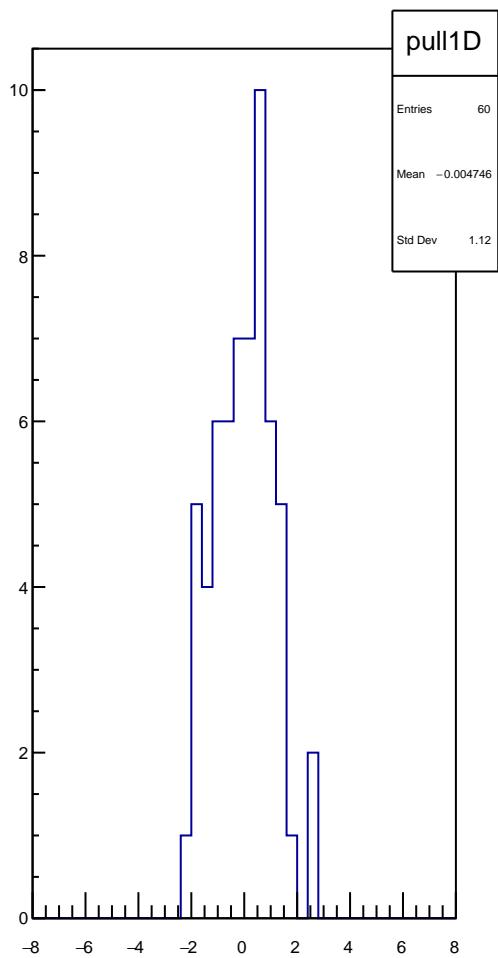
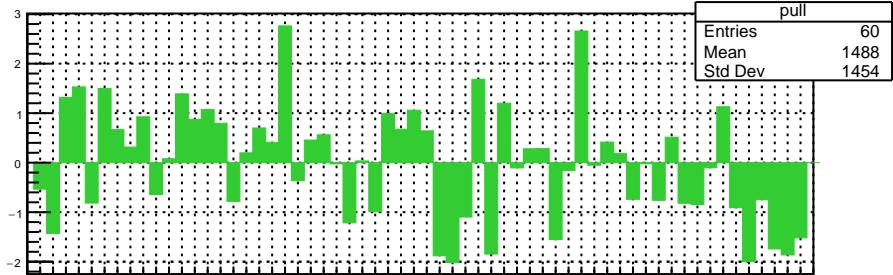
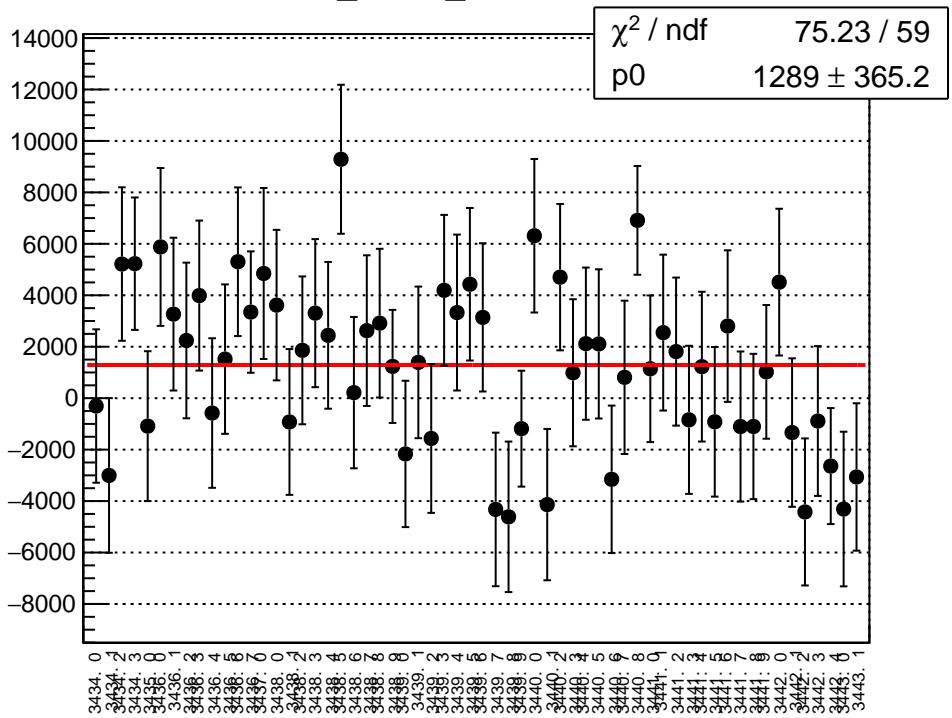
yield_sam8_mean vs run



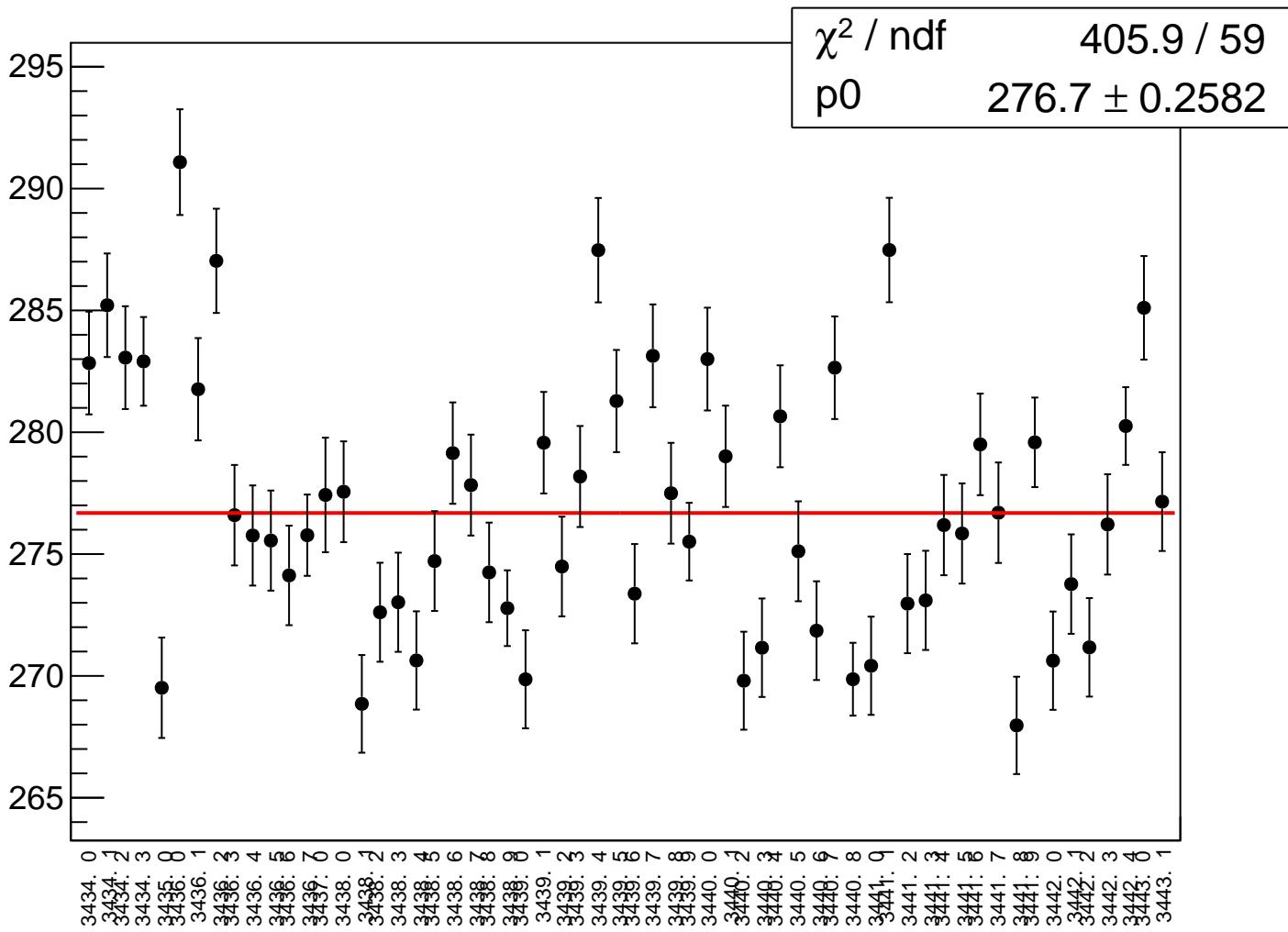
yield_sam8_rms vs run



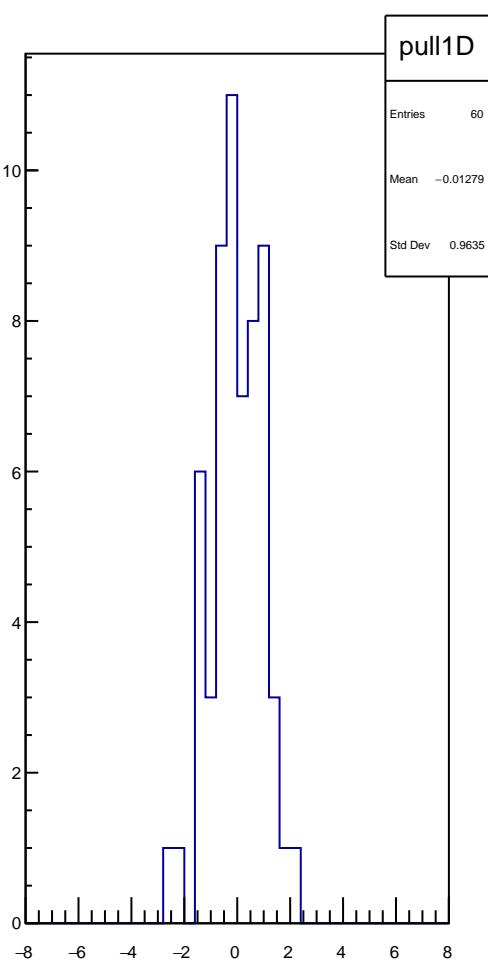
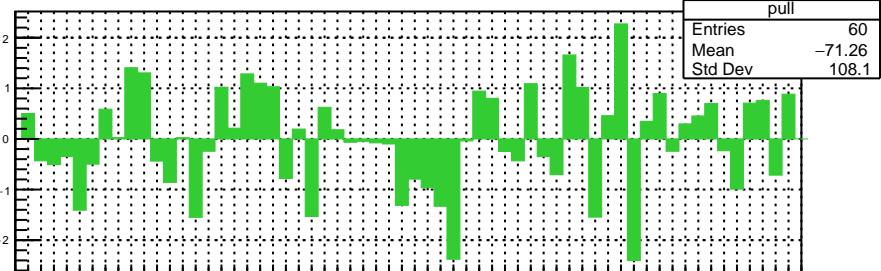
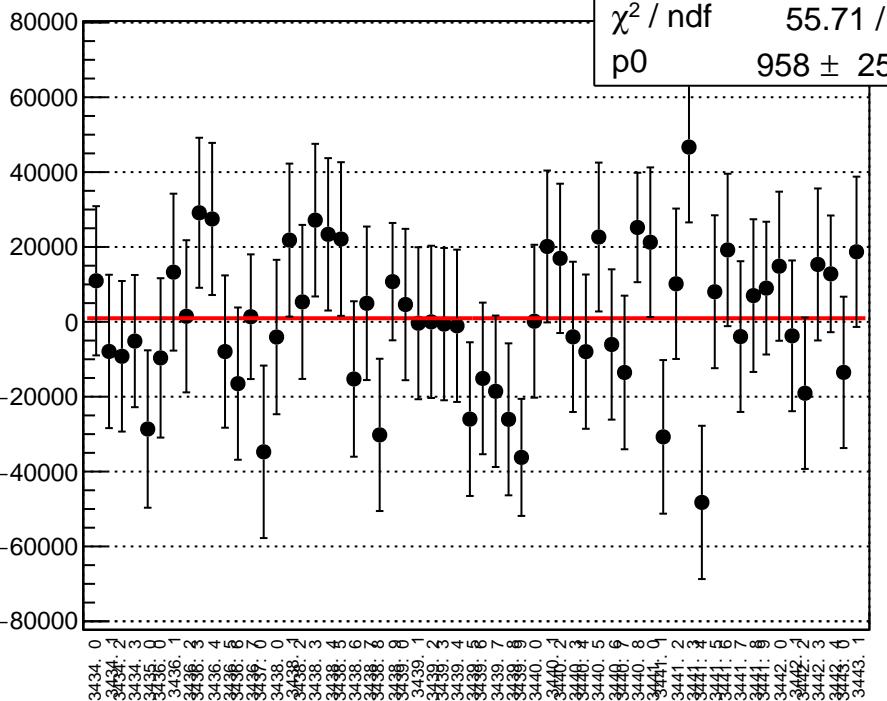
cor_sam1_mean vs run



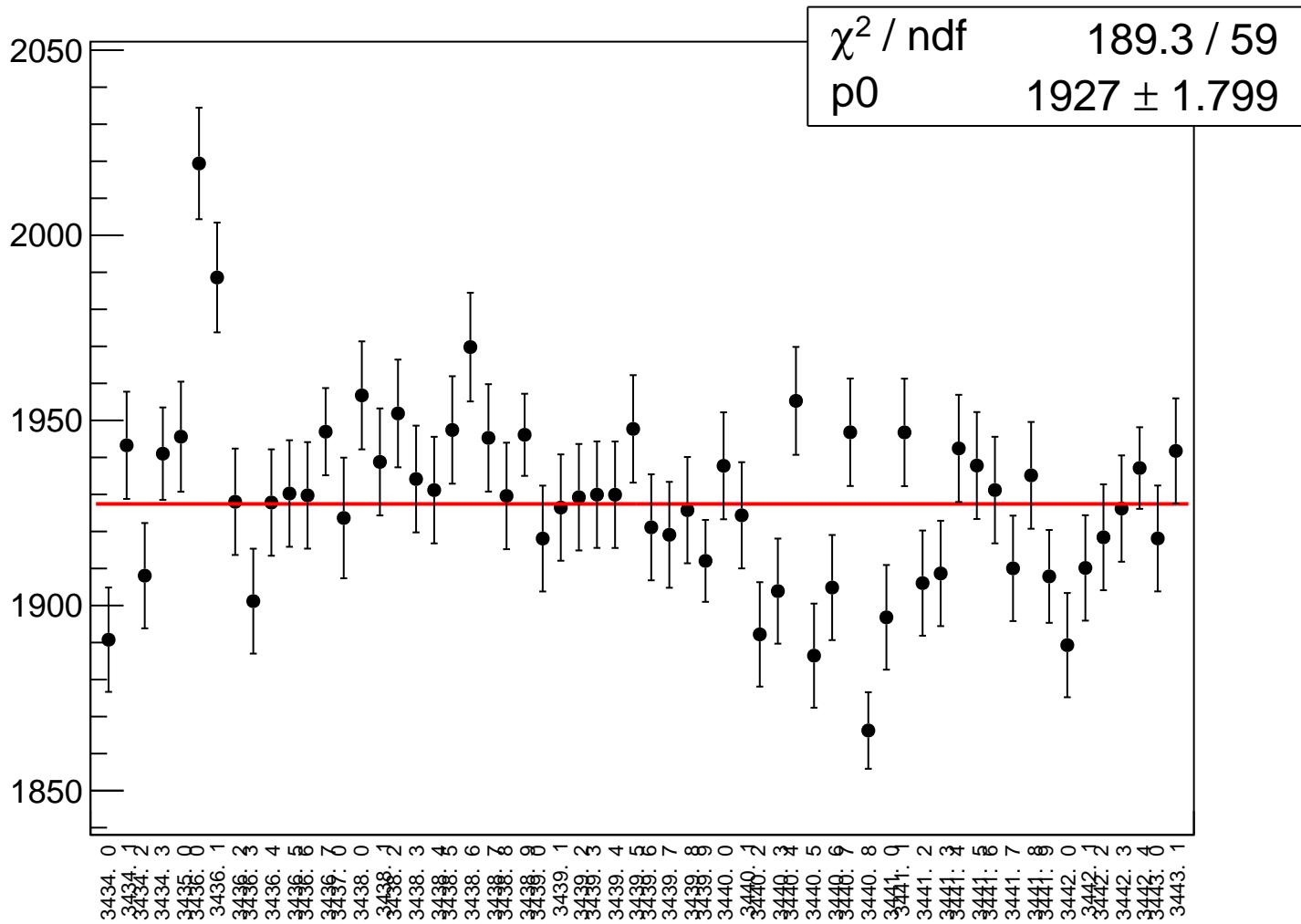
cor_sam1_rms vs run



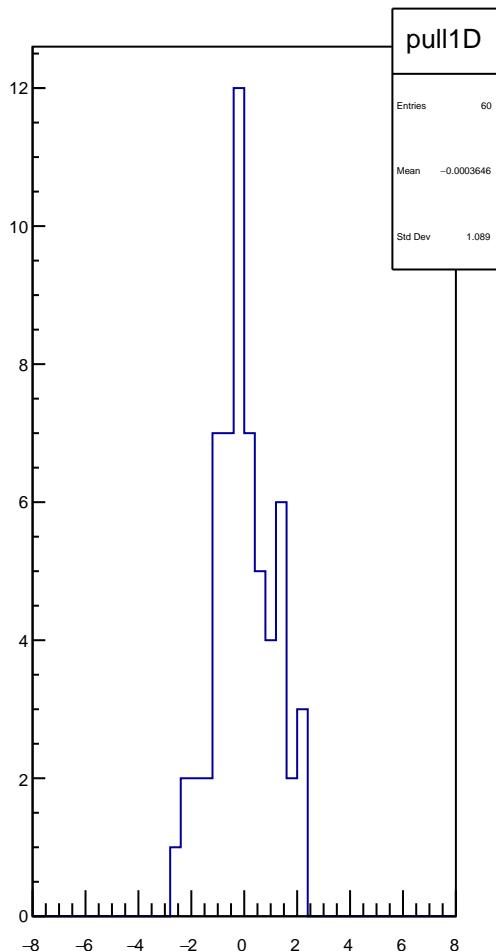
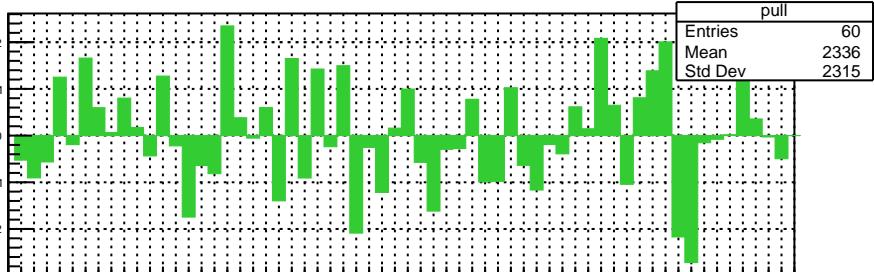
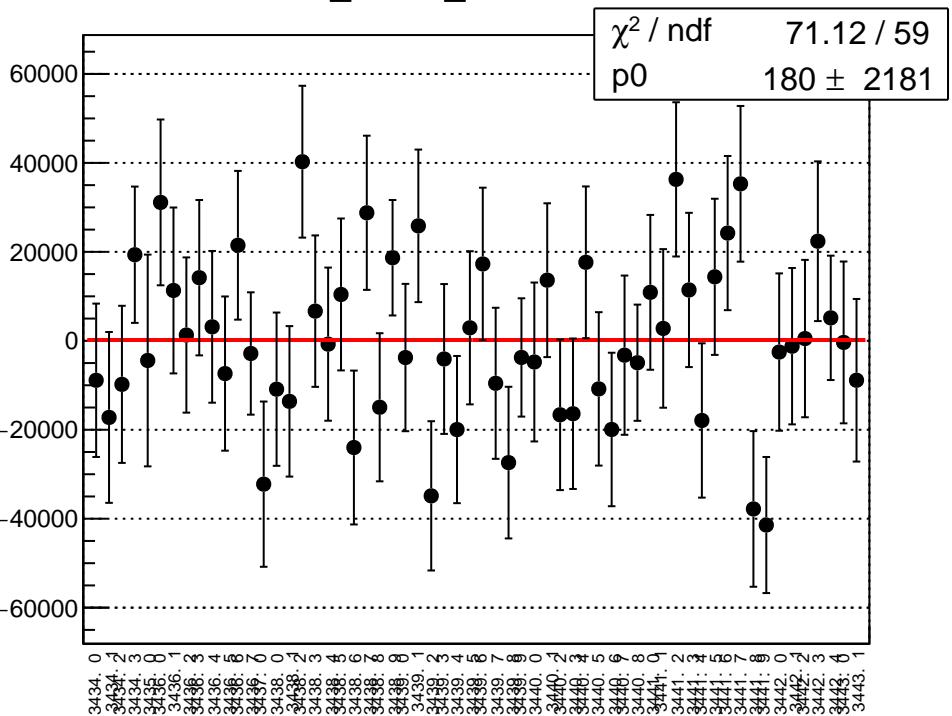
cor_sam2_mean vs run



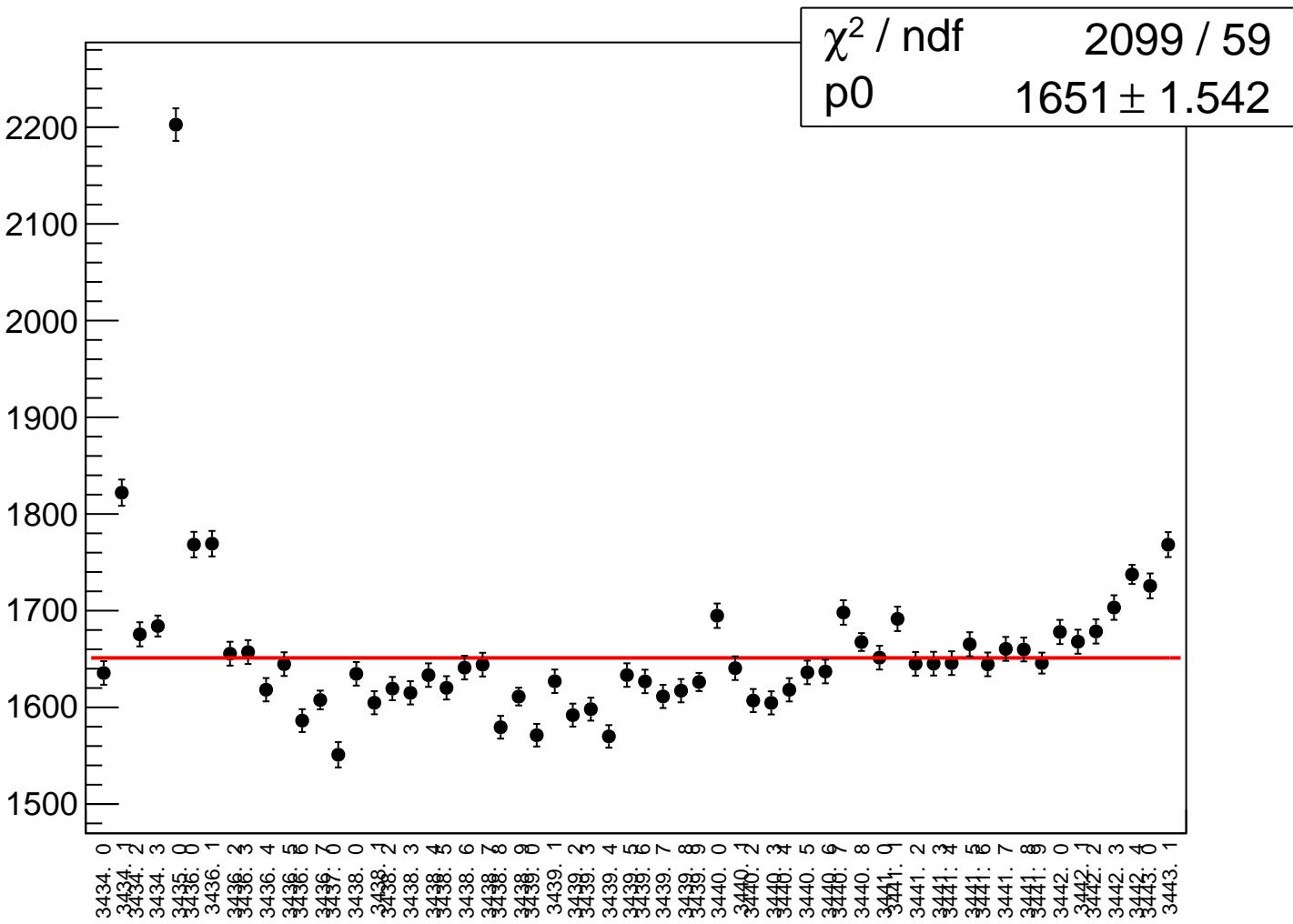
cor_sam2_rms vs run



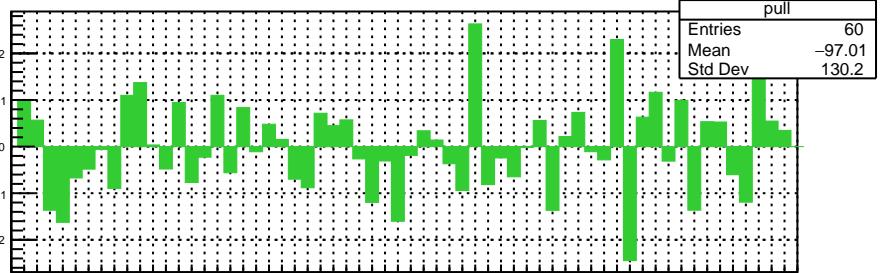
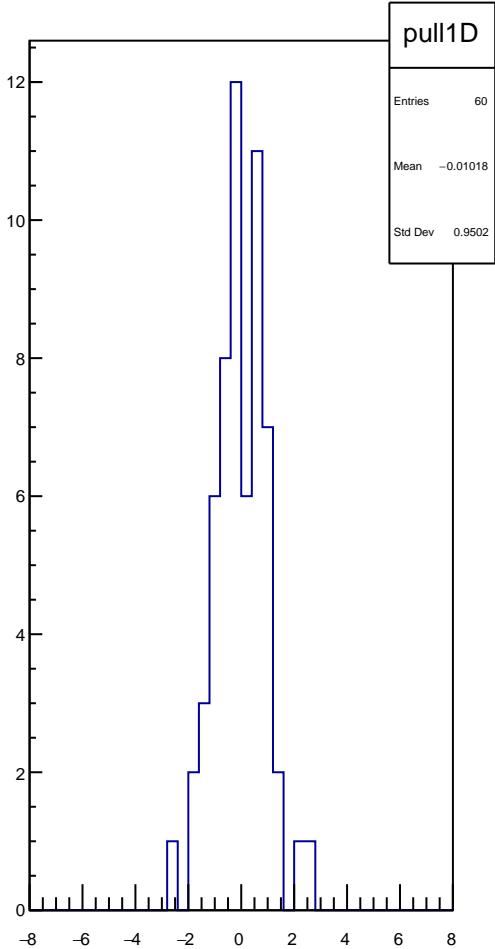
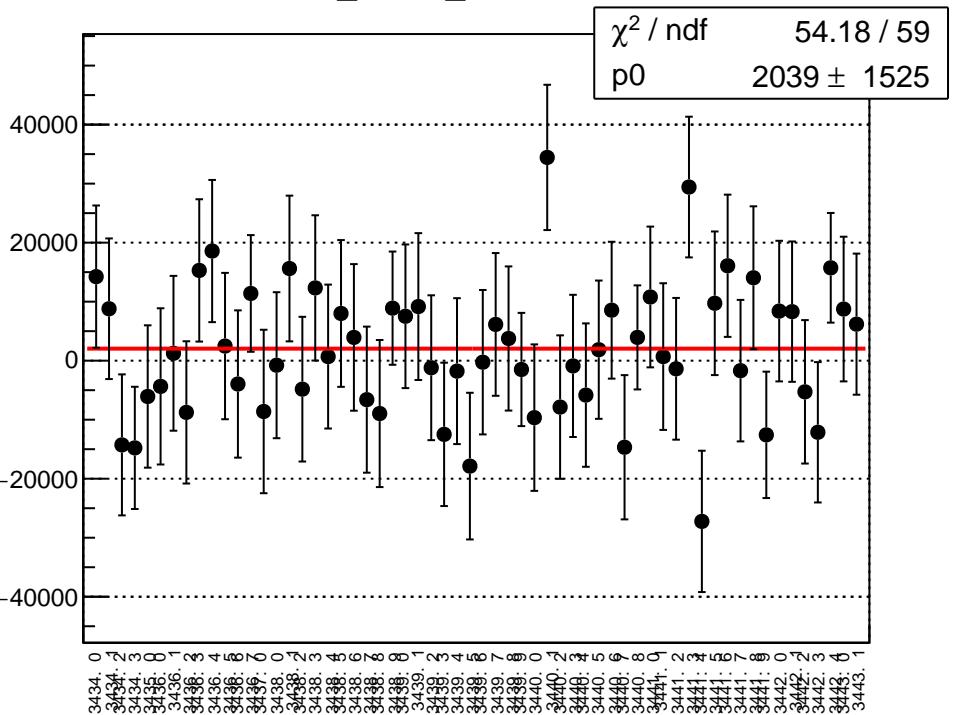
cor_sam3_mean vs run



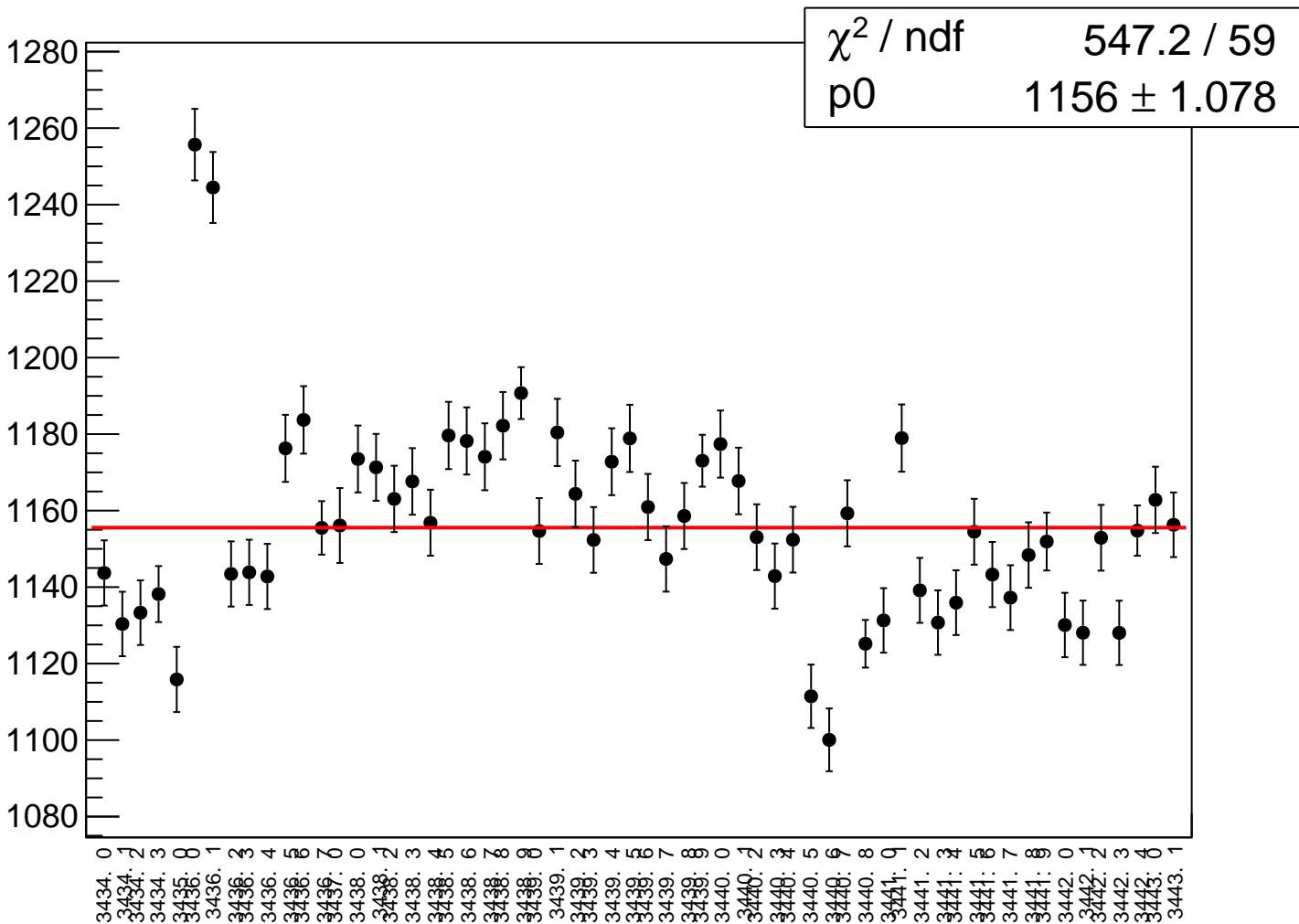
cor_sam3_rms vs run



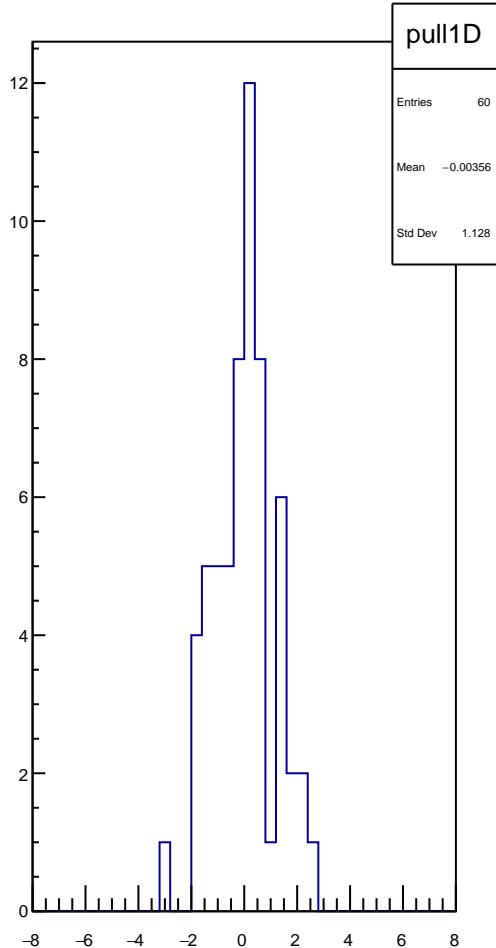
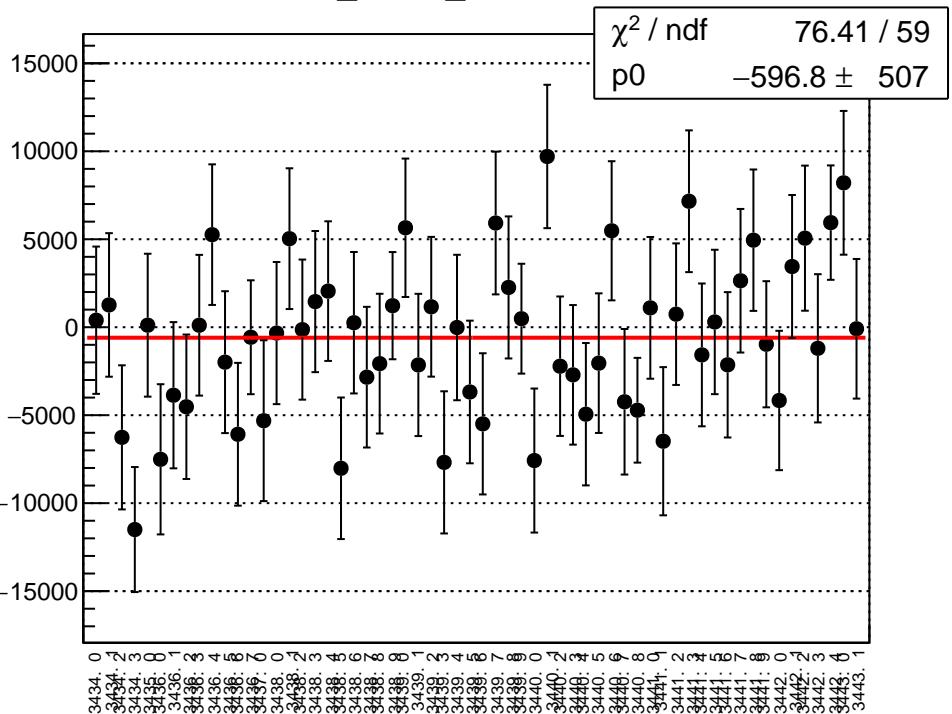
cor_sam4_mean vs run



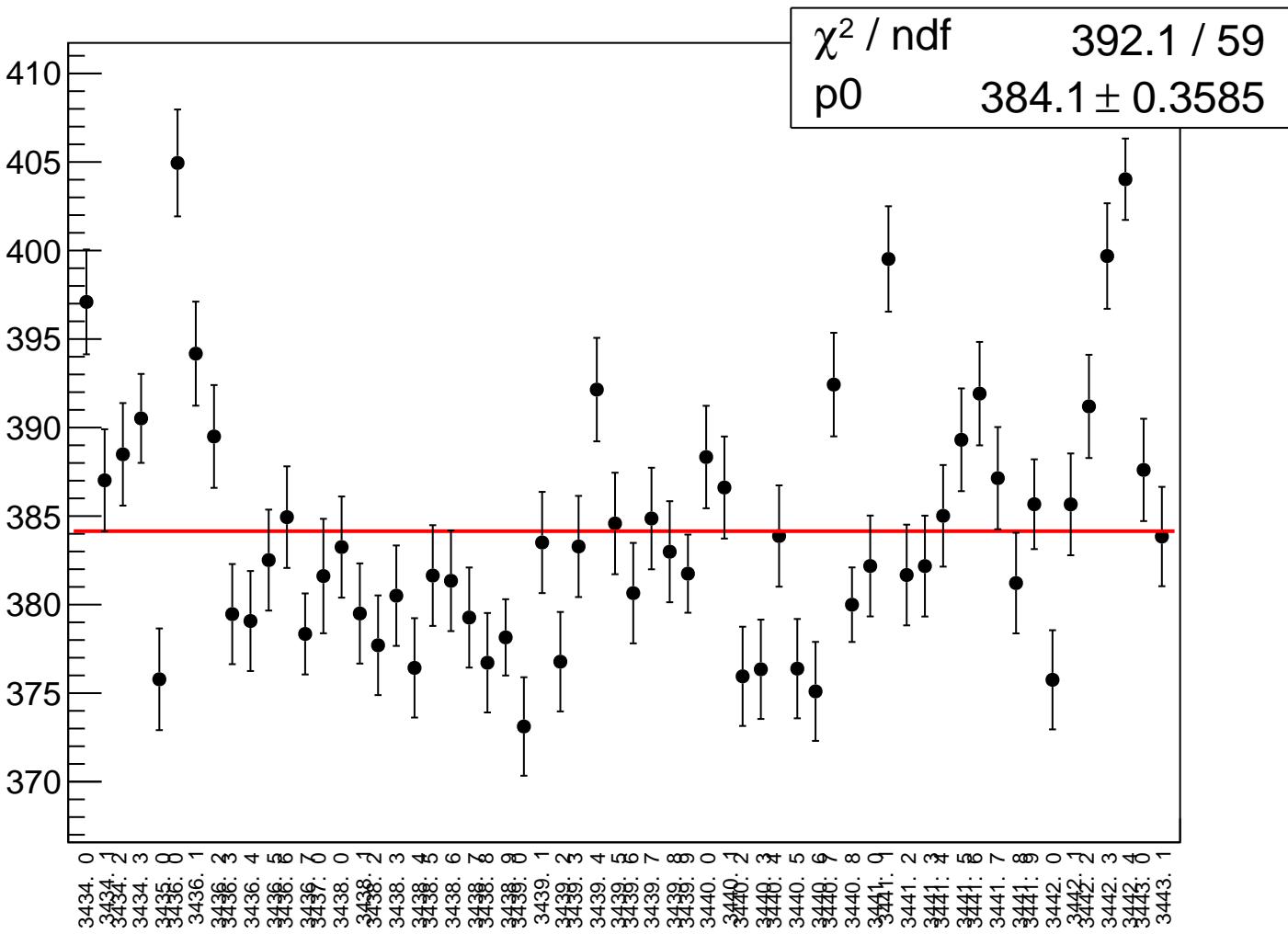
cor_sam4_rms vs run



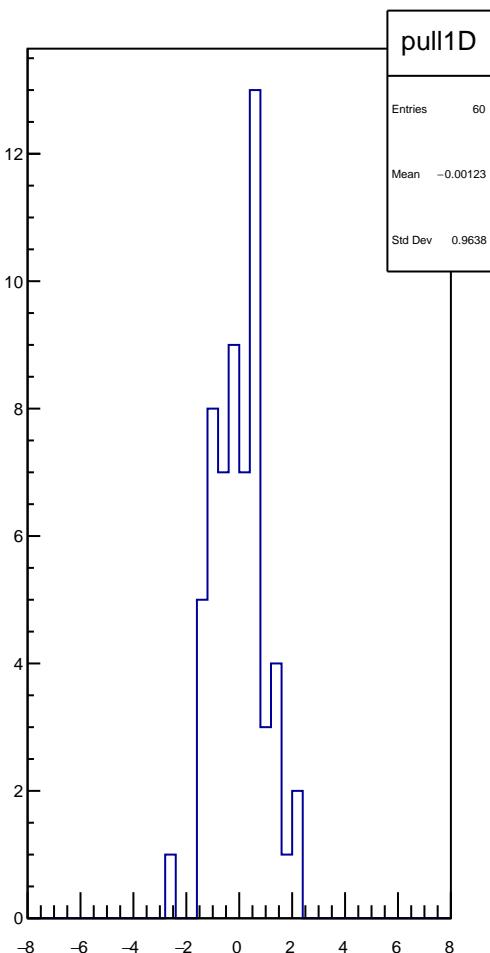
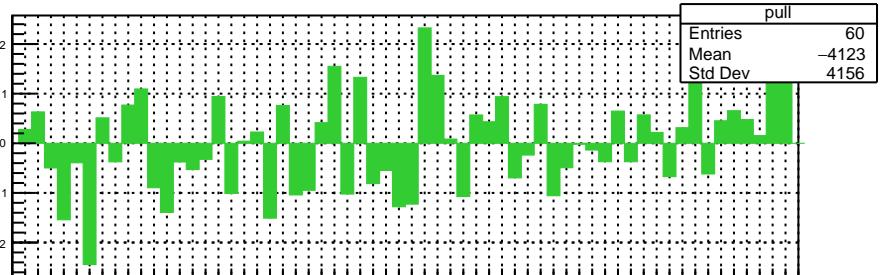
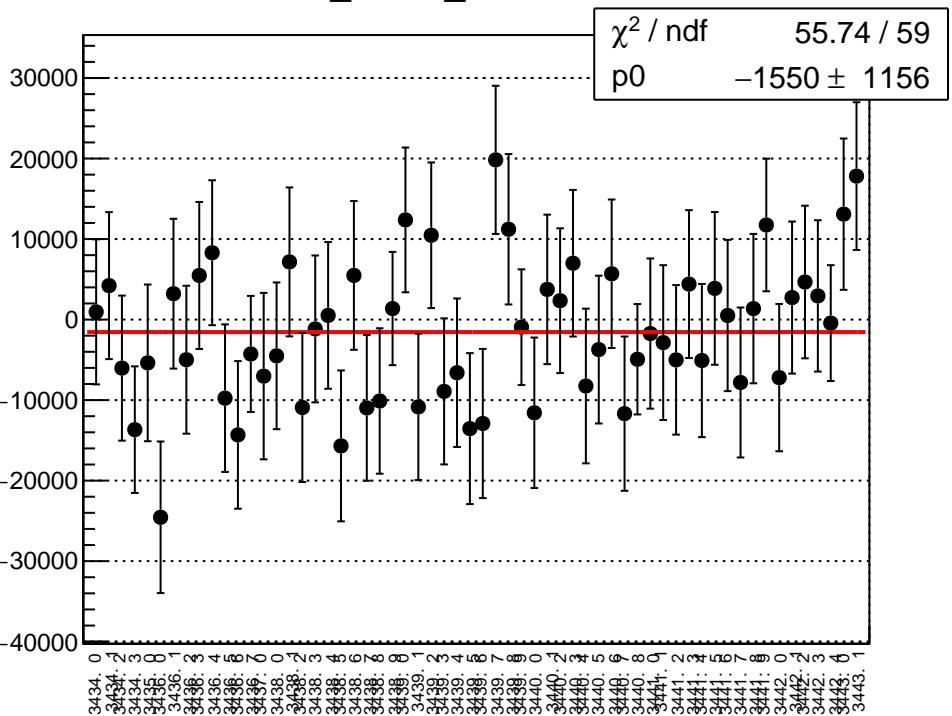
cor_sam5_mean vs run



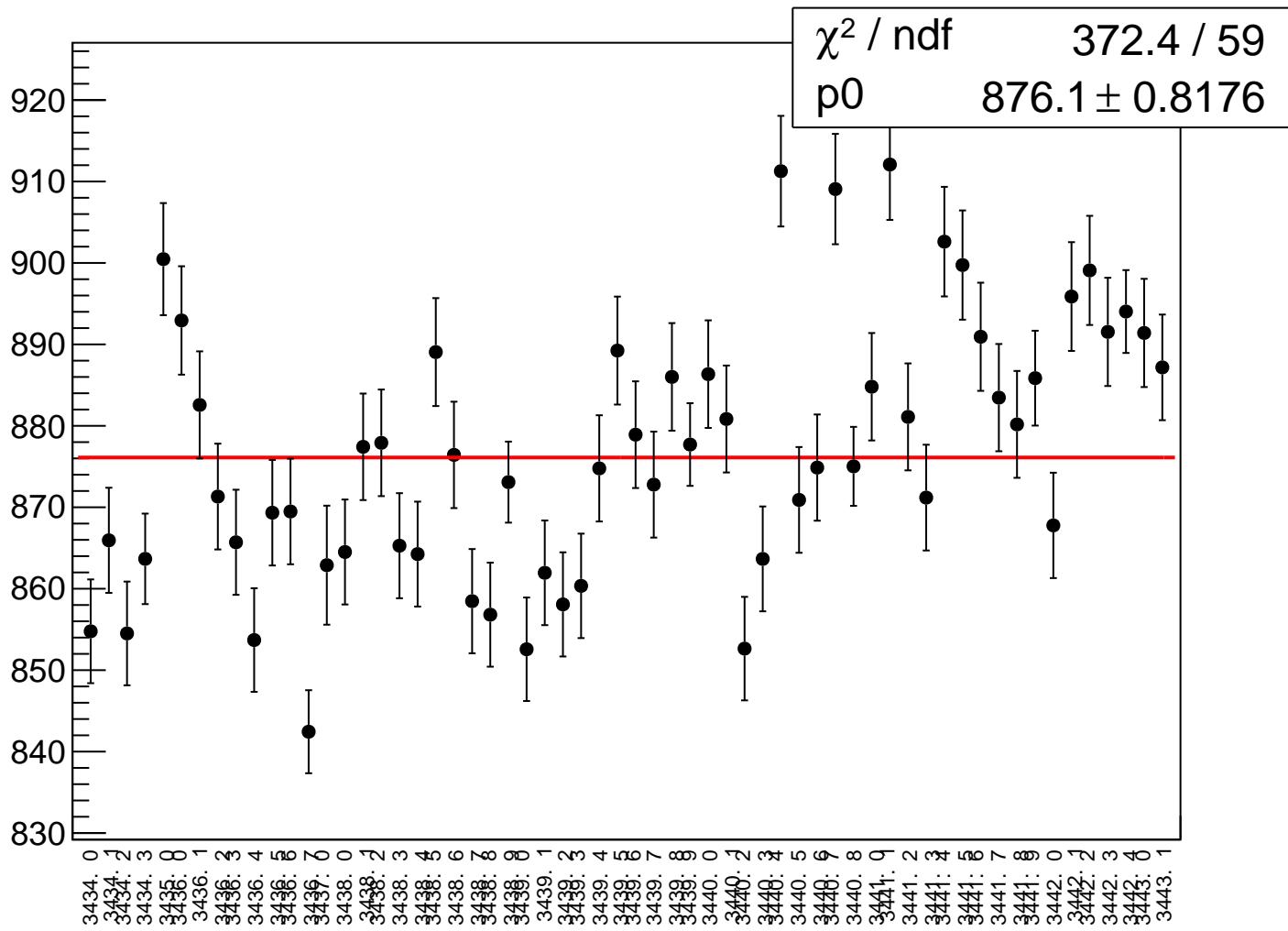
cor_sam5_rms vs run



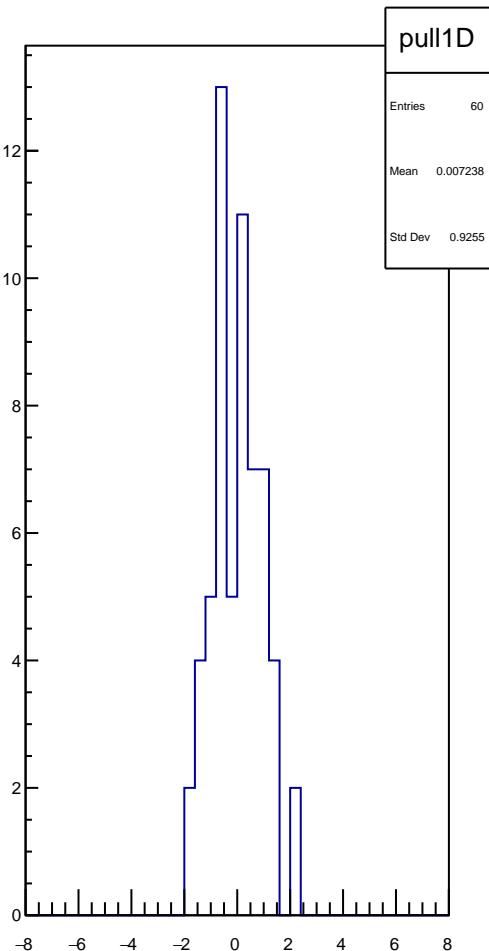
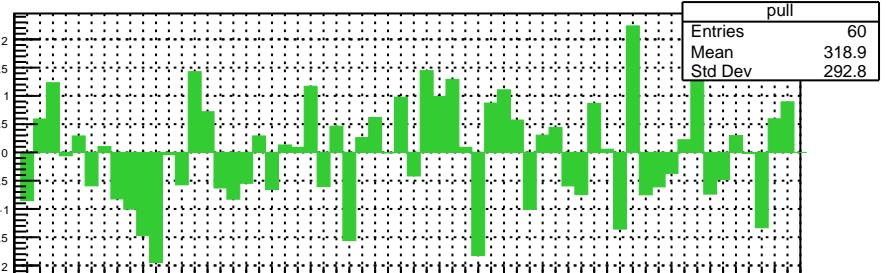
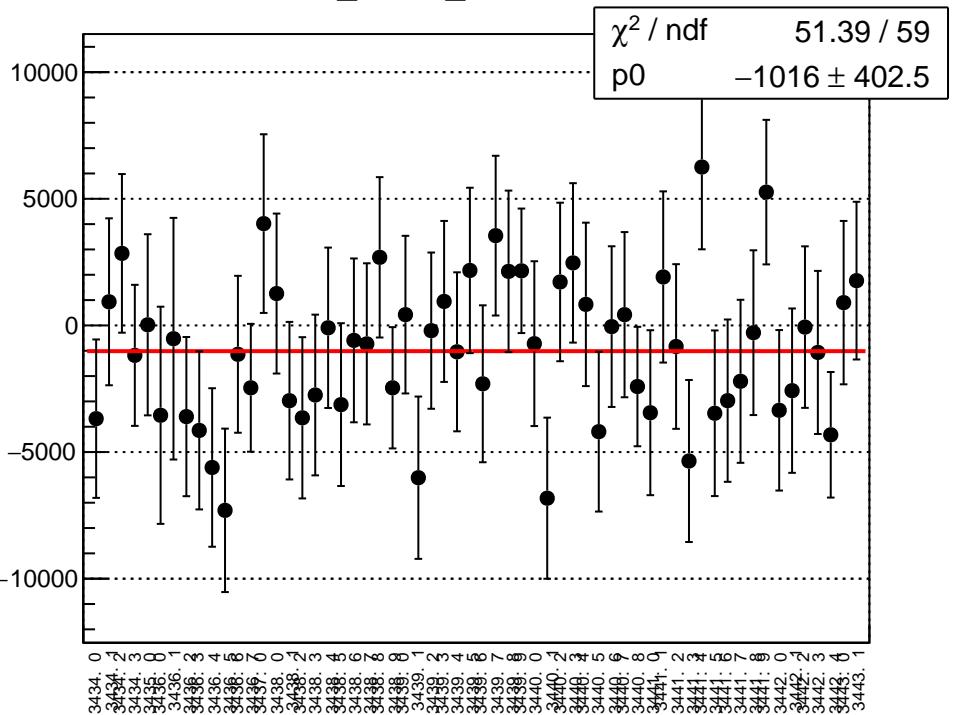
cor_sam6_mean vs run



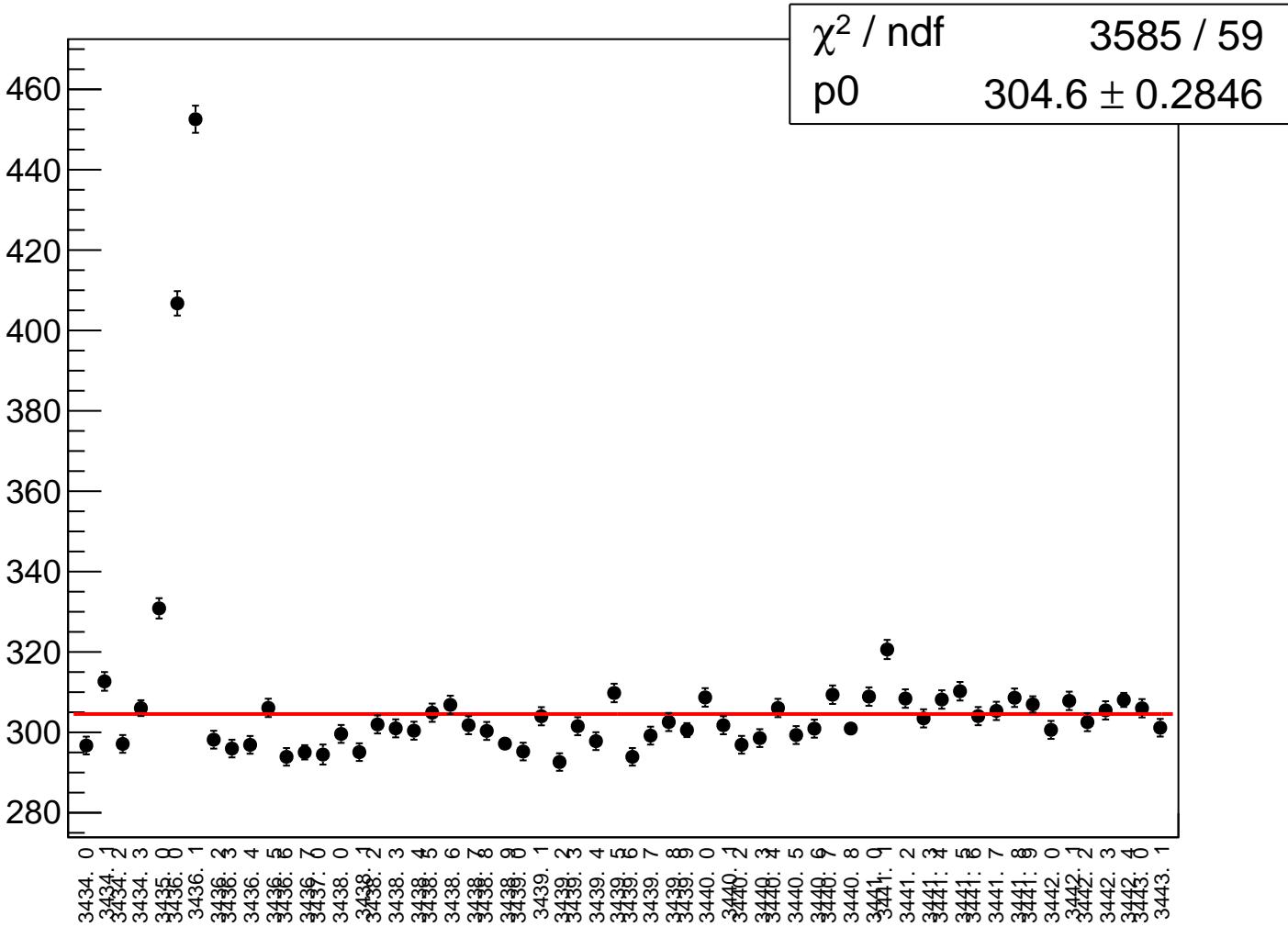
cor_sam6_rms vs run



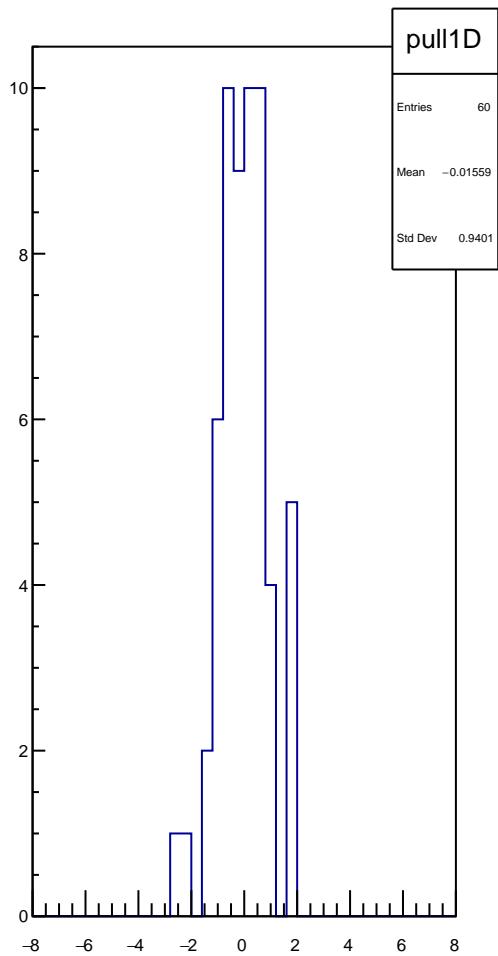
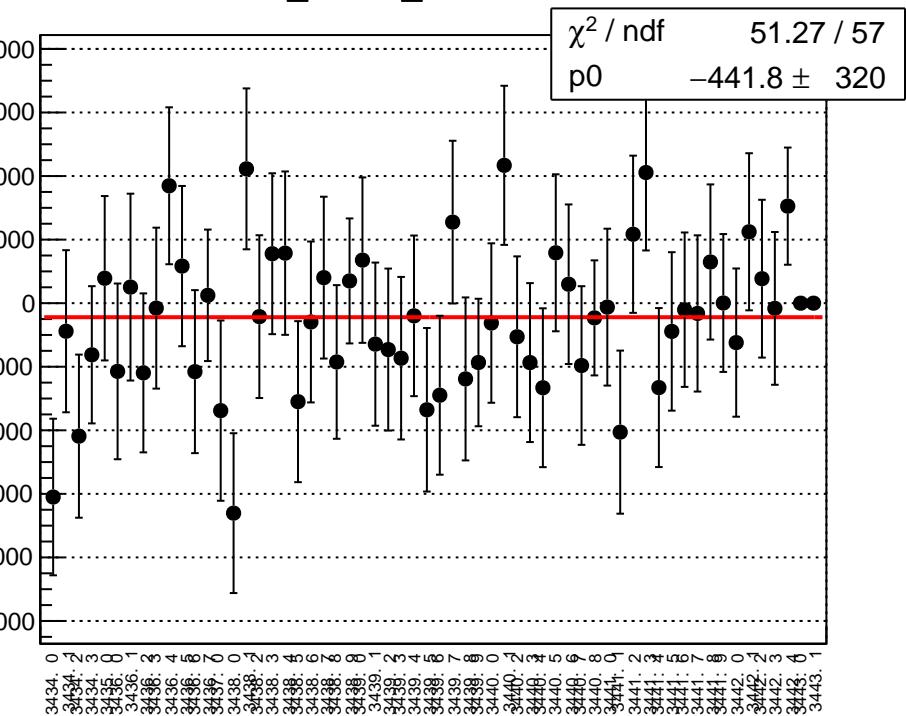
cor_sam7_mean vs run



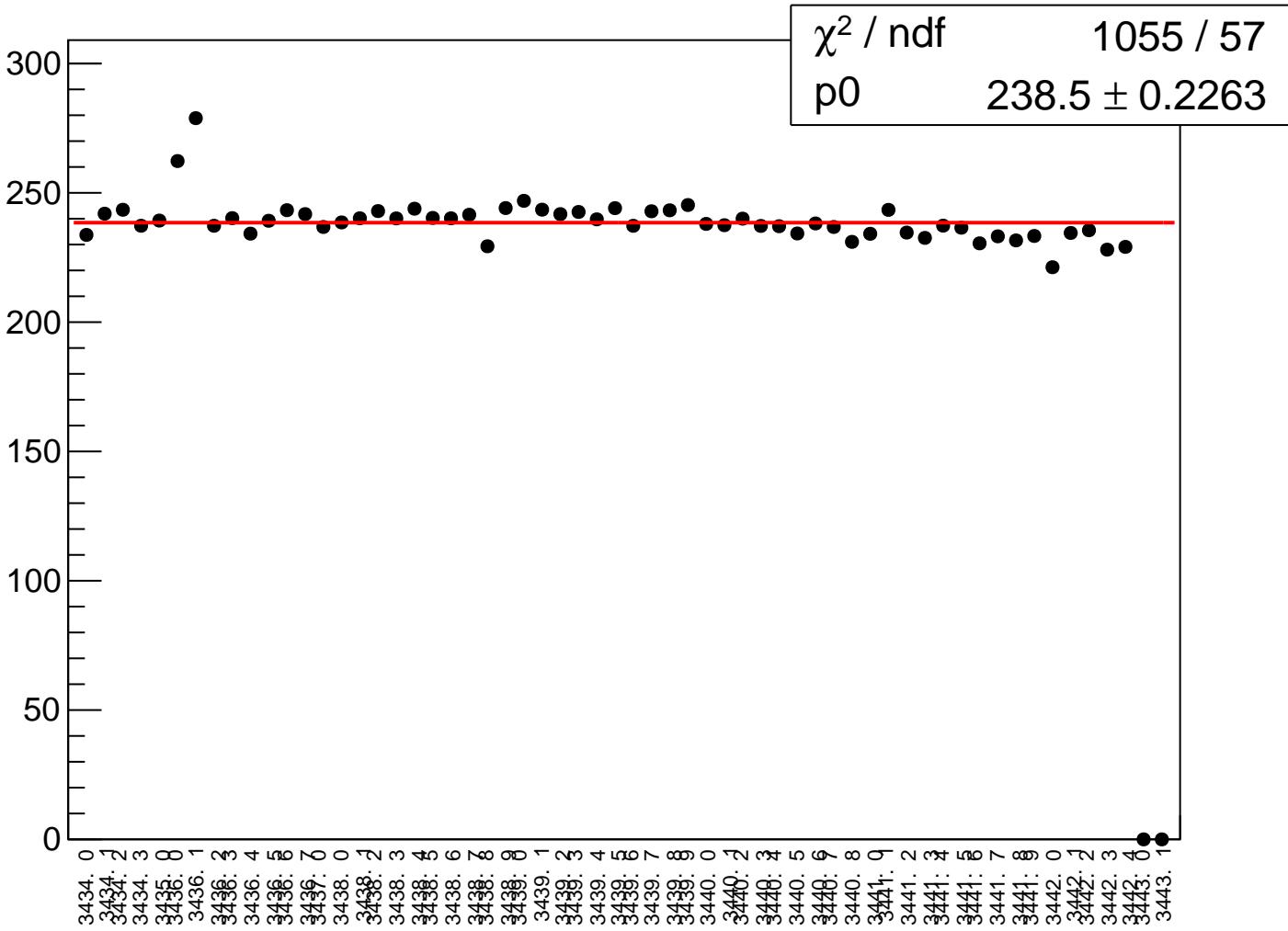
cor_sam7_rms vs run



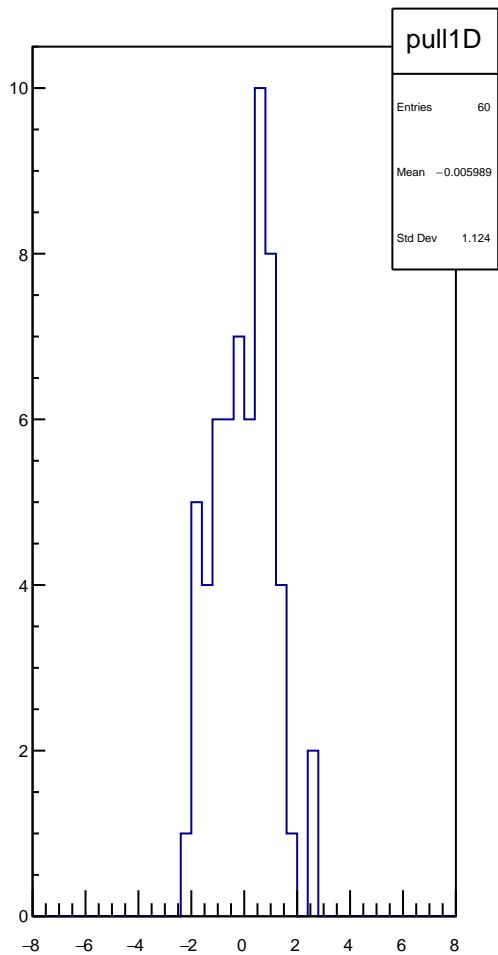
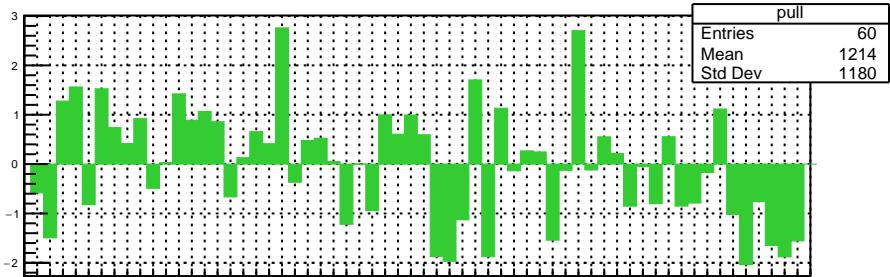
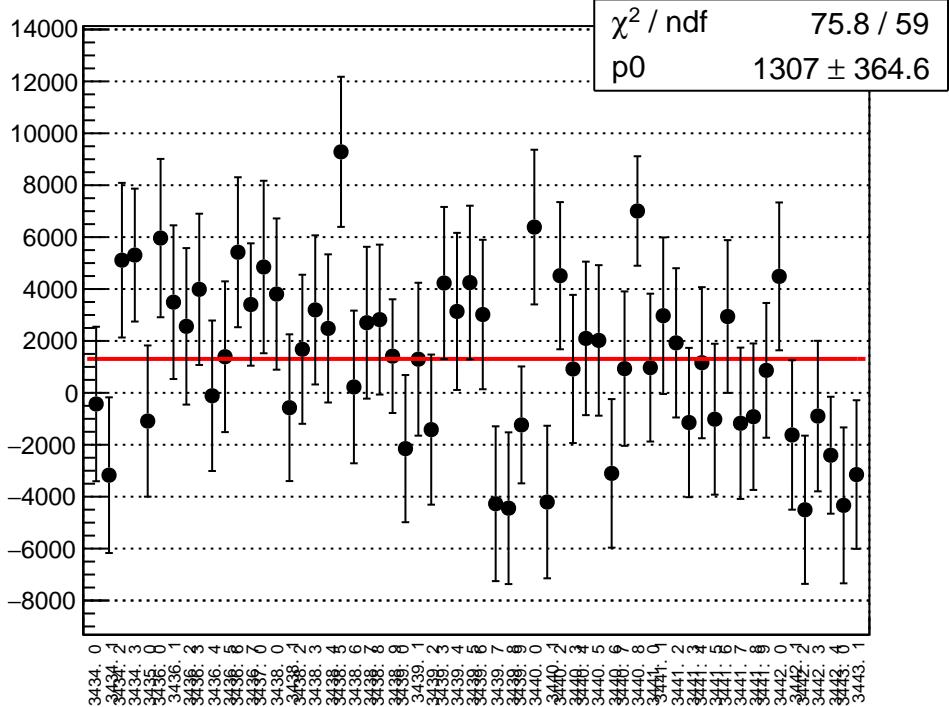
cor_sam8_mean vs run



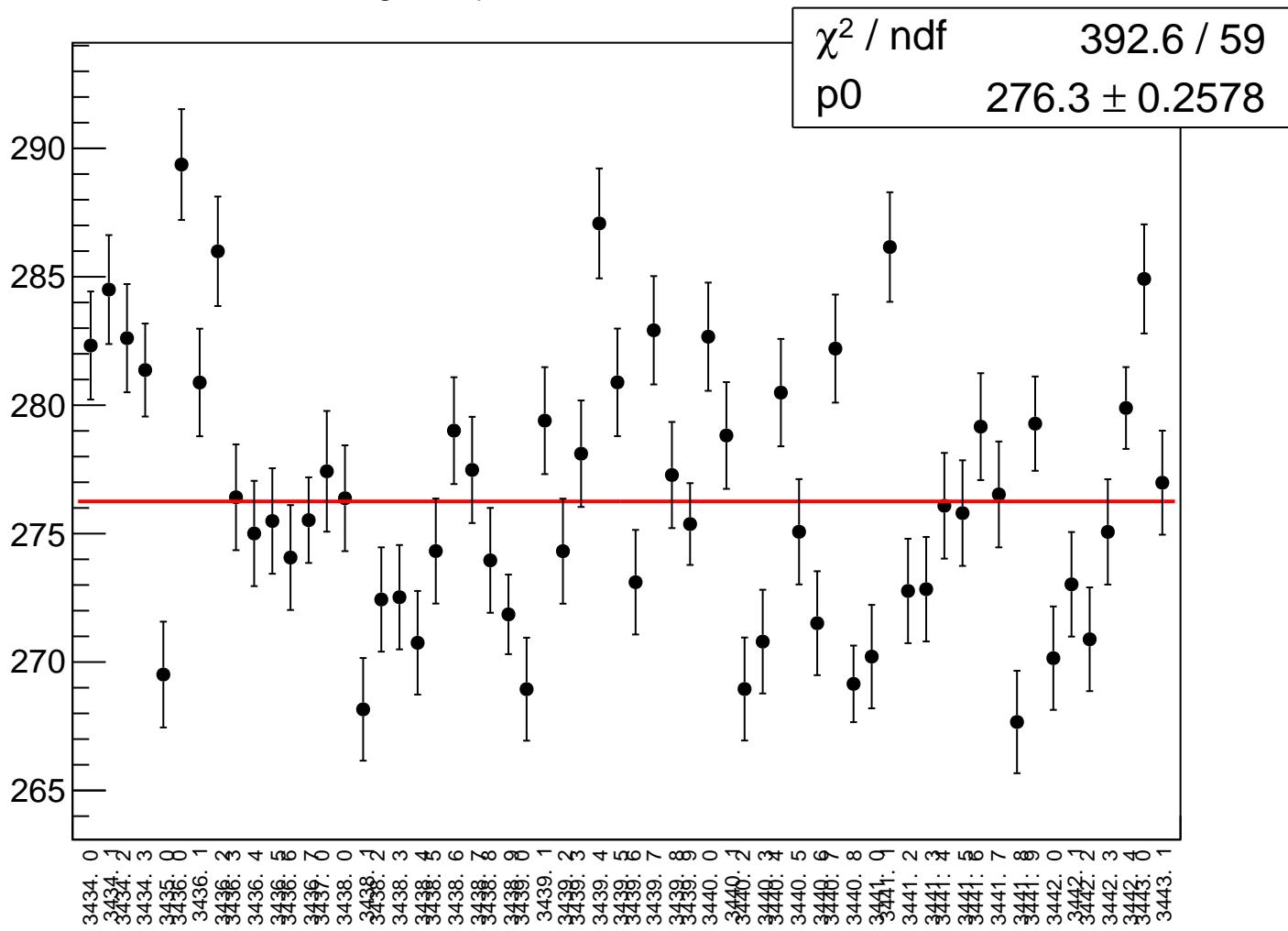
cor_sam8_rms vs run



reg_asym_sam1_mean vs run

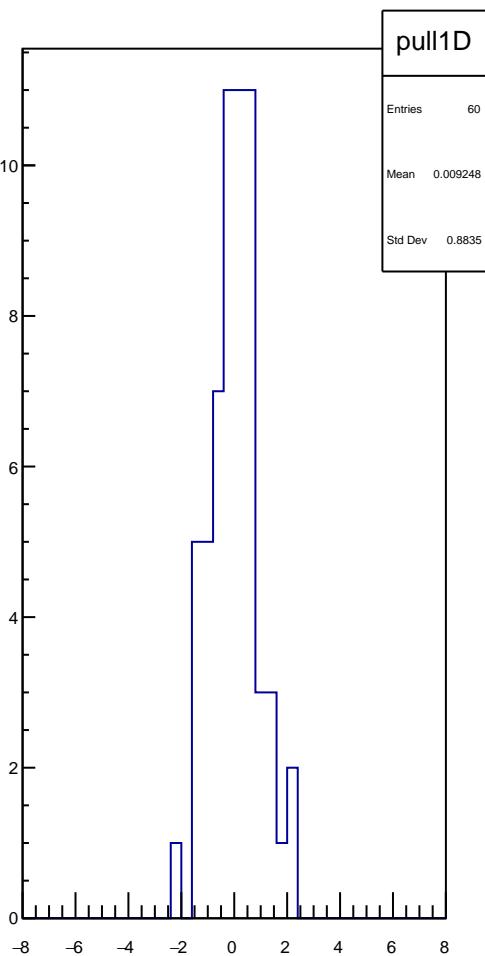
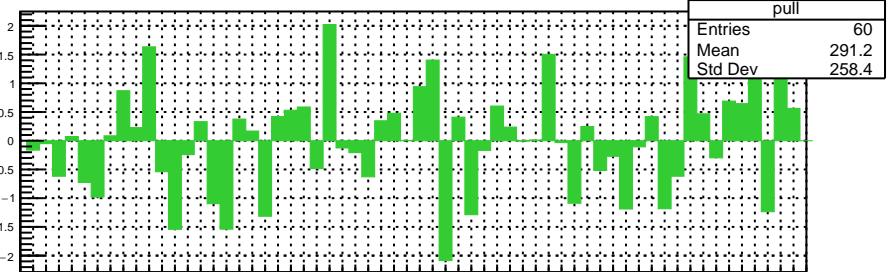
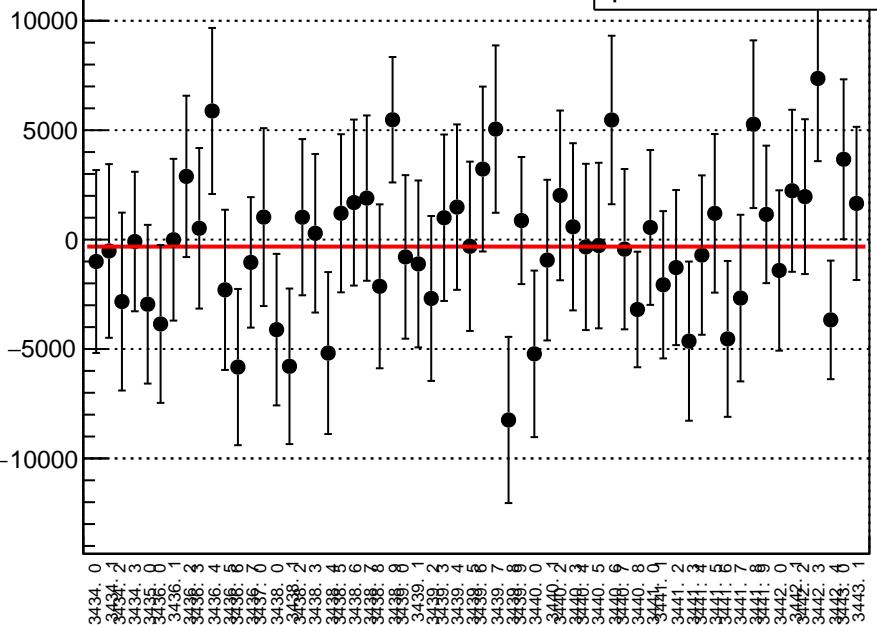


reg_asym_sam1_rms vs run

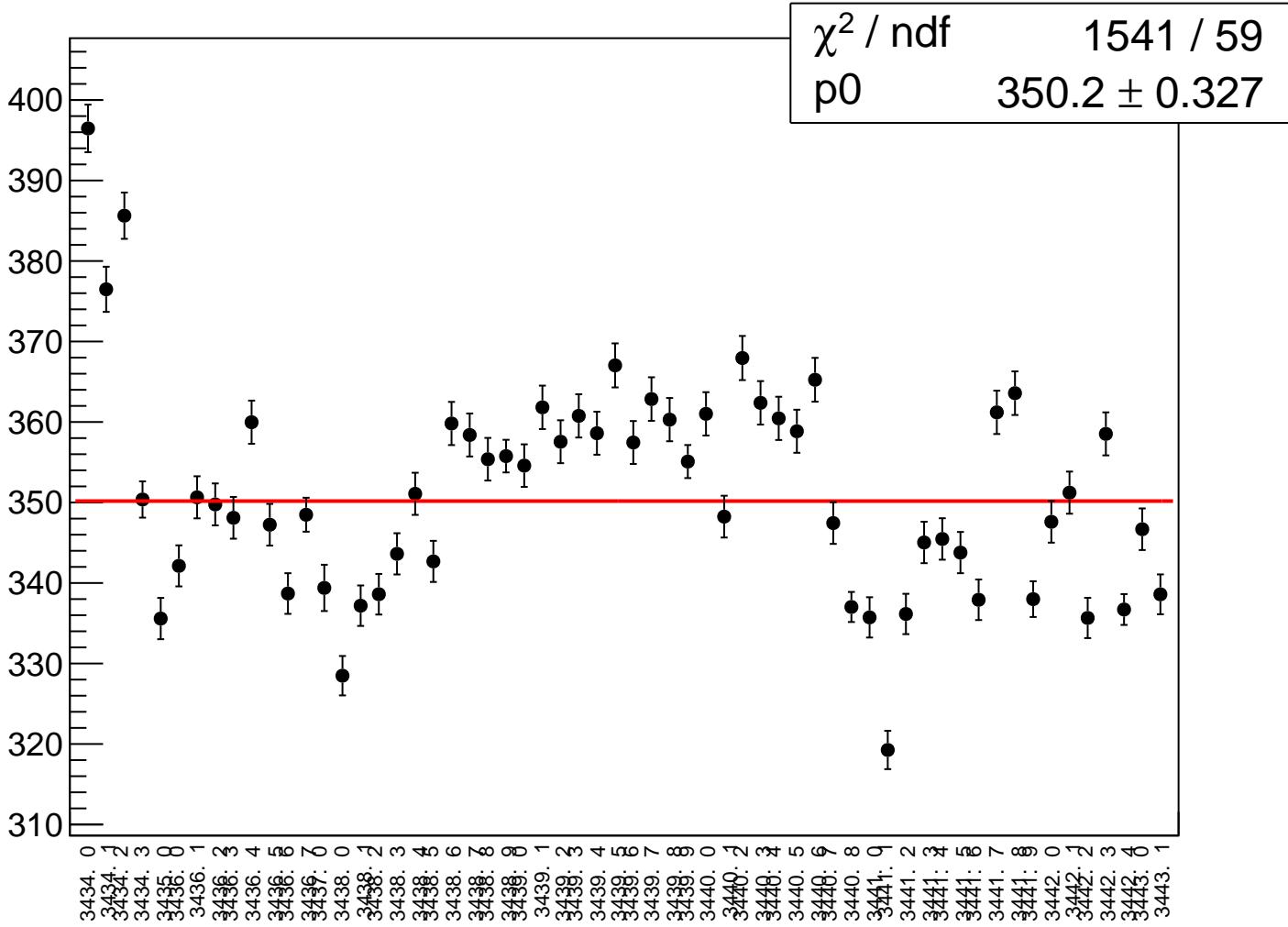


asym_sam1_correction_mean vs run

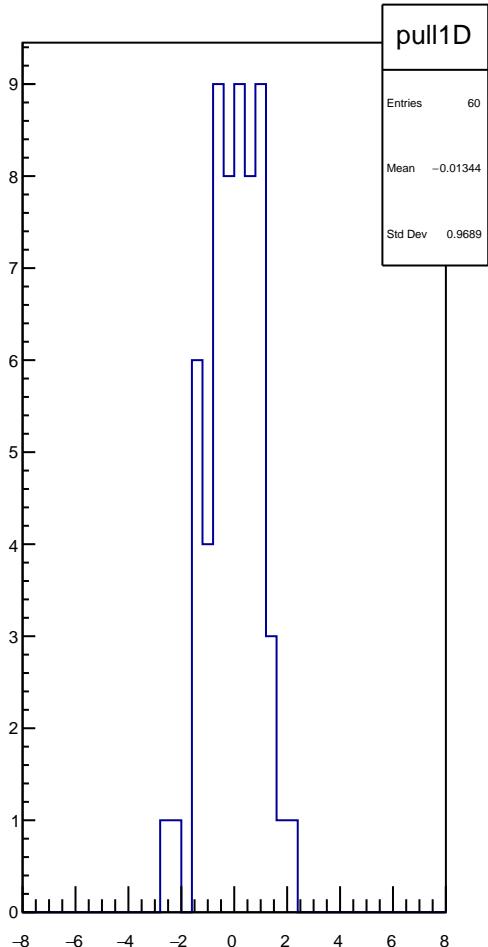
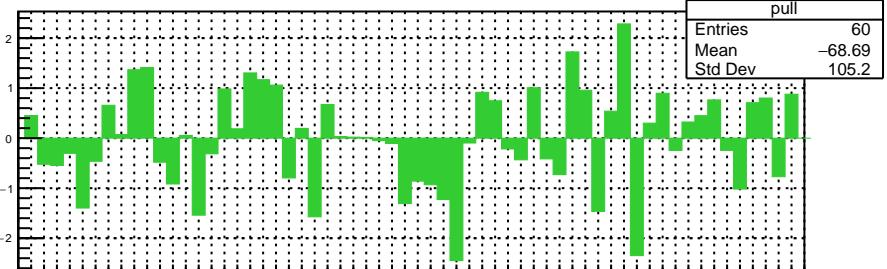
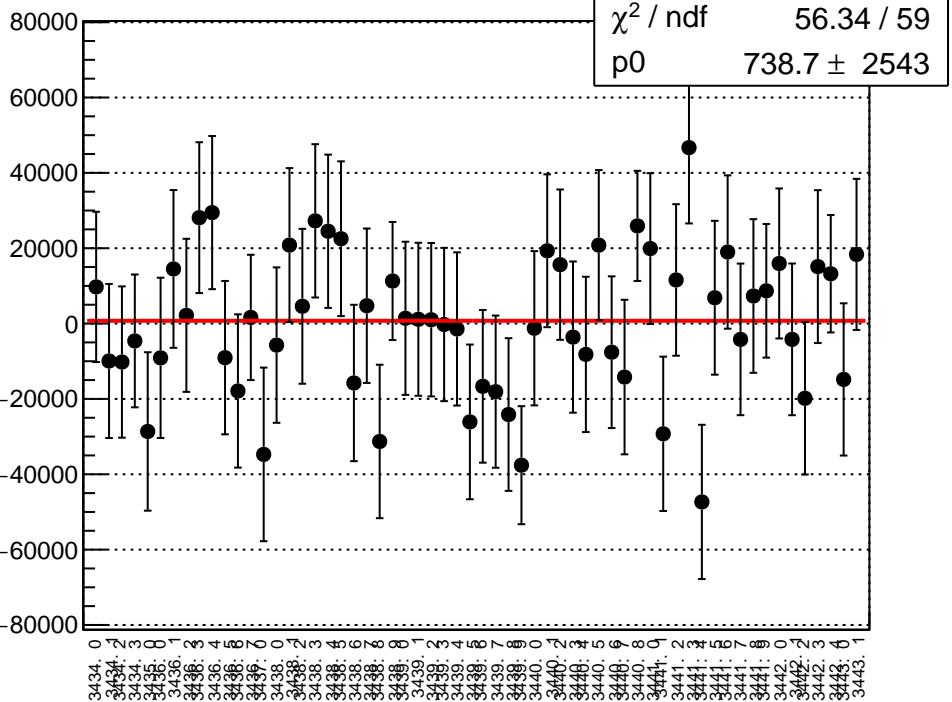
χ^2 / ndf 46.84 / 59
p0 -320.7 ± 462.4



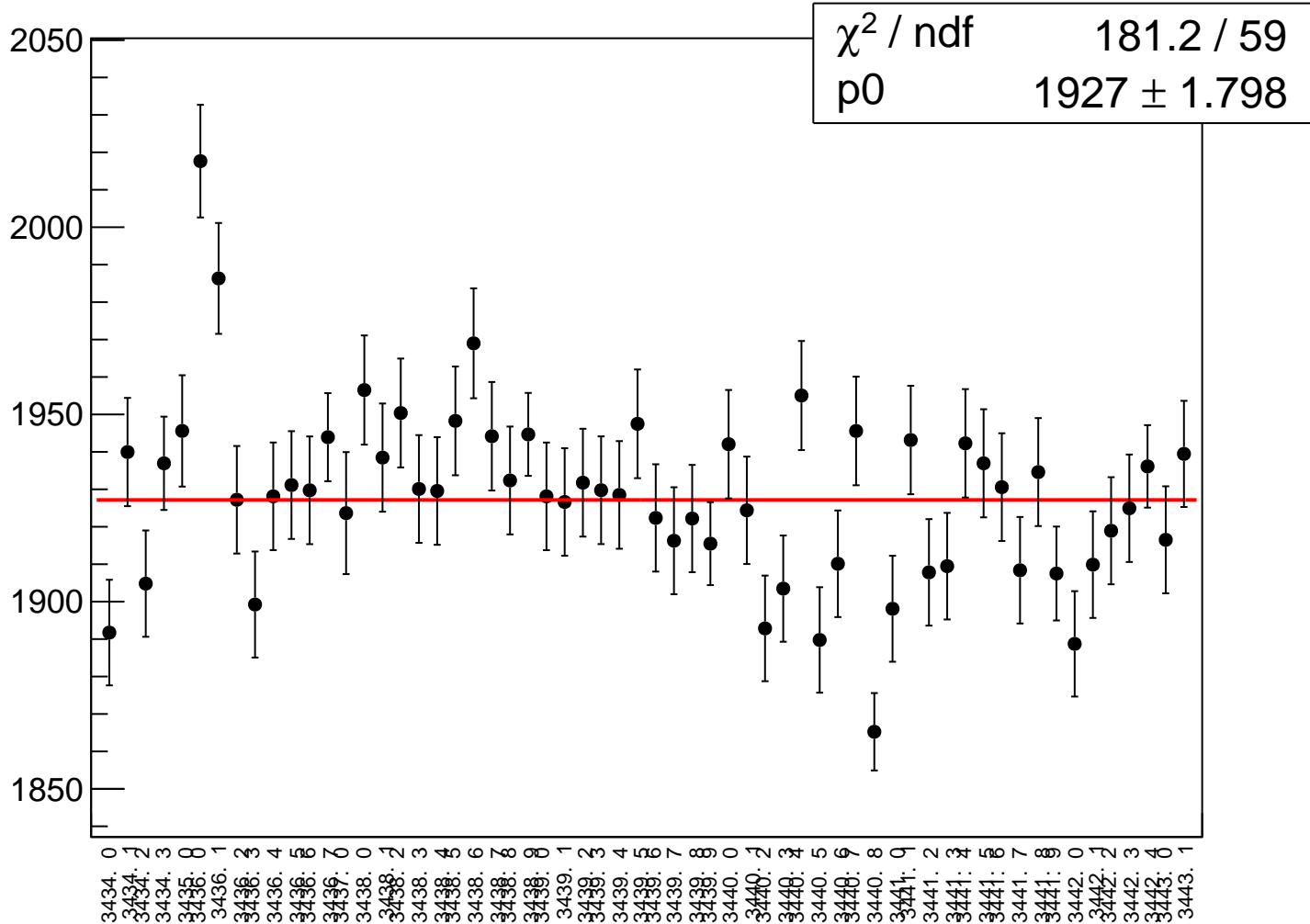
asym_sam1_correction_rms vs run



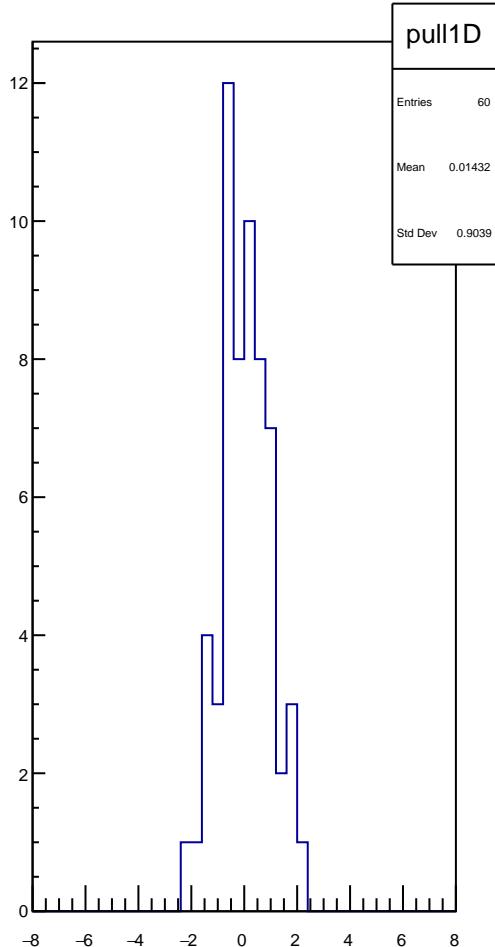
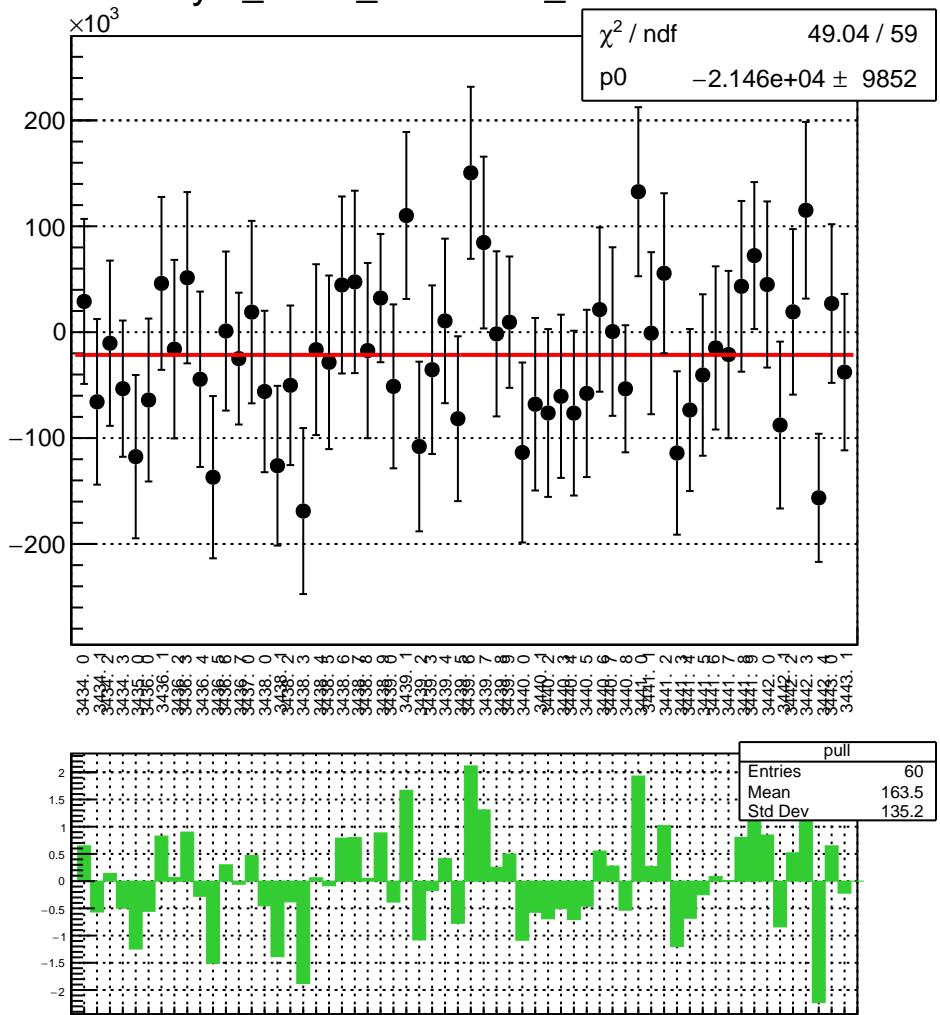
reg_asym_sam2_mean vs run



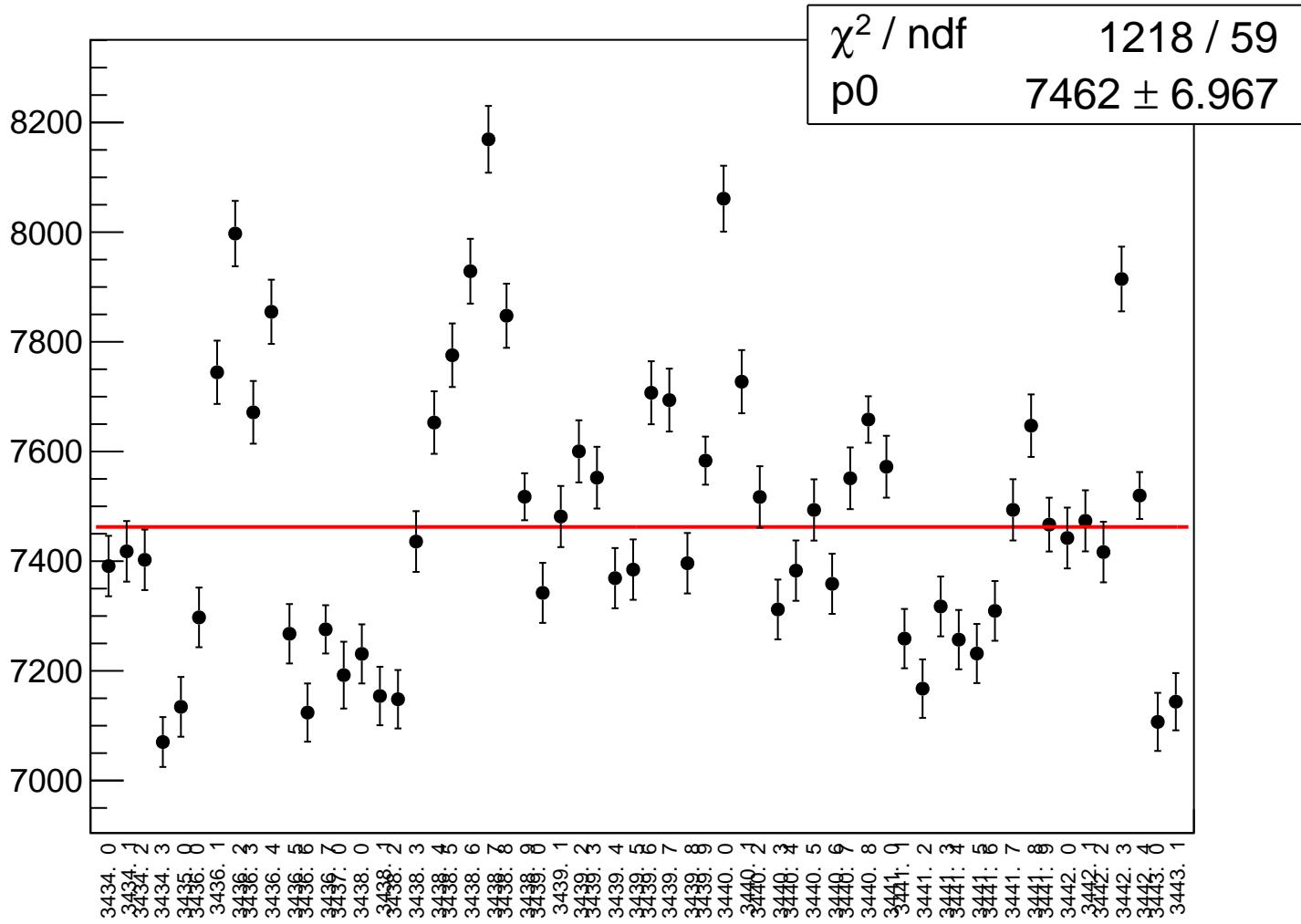
reg_asym_sam2_rms vs run



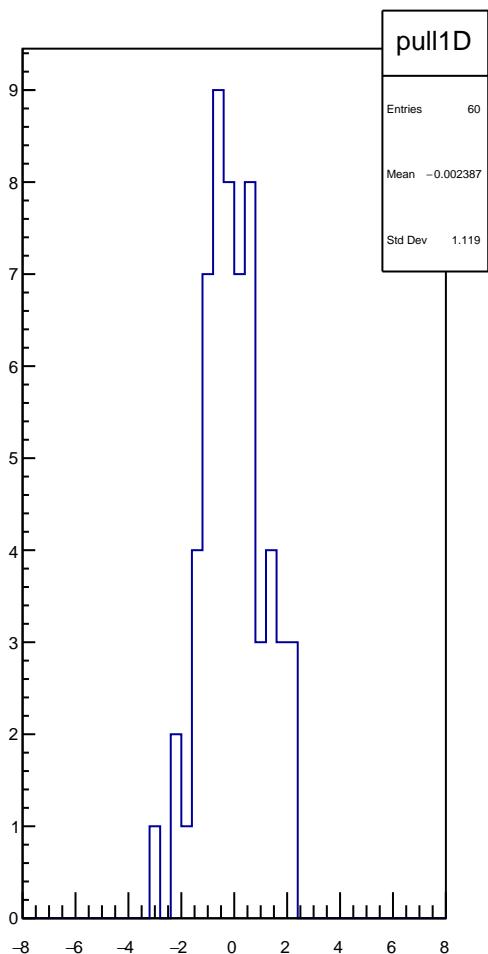
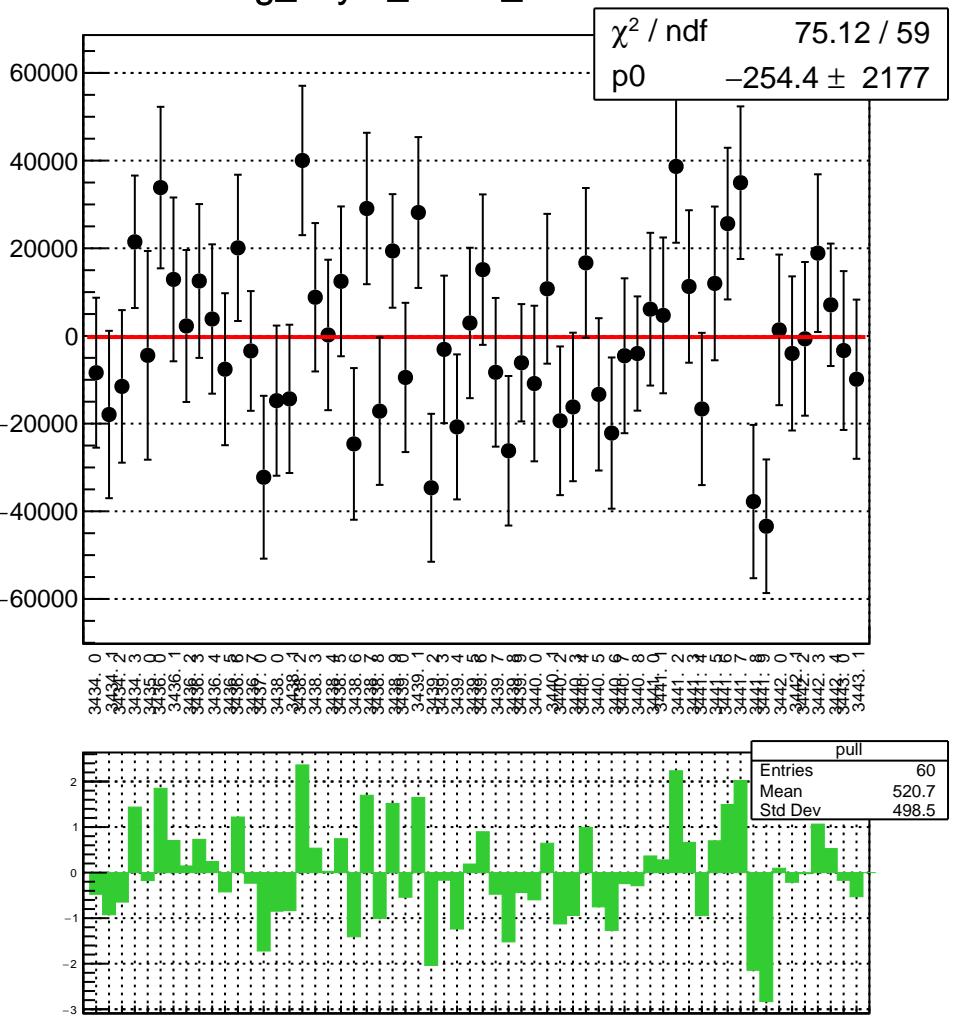
asym_sam2_correction_mean vs run



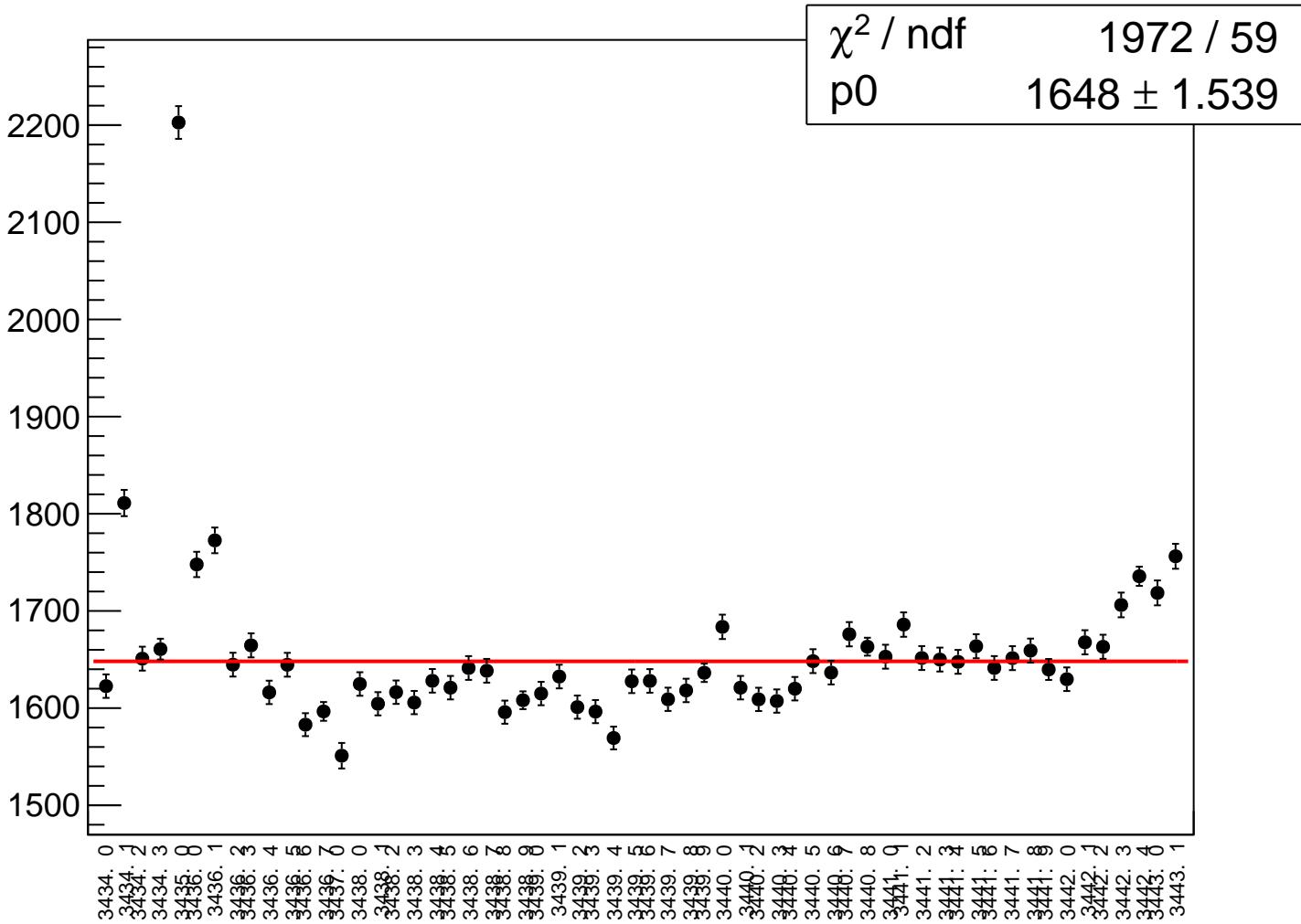
asym_sam2_correction_rms vs run



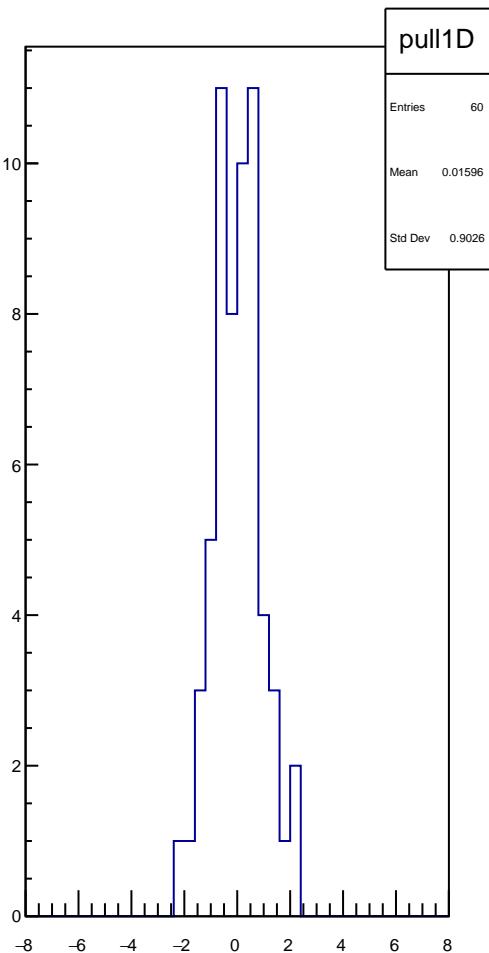
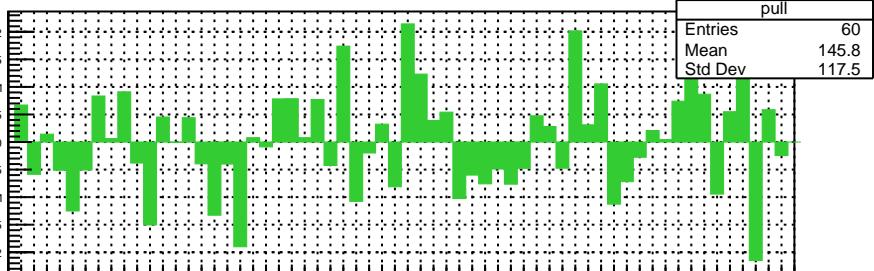
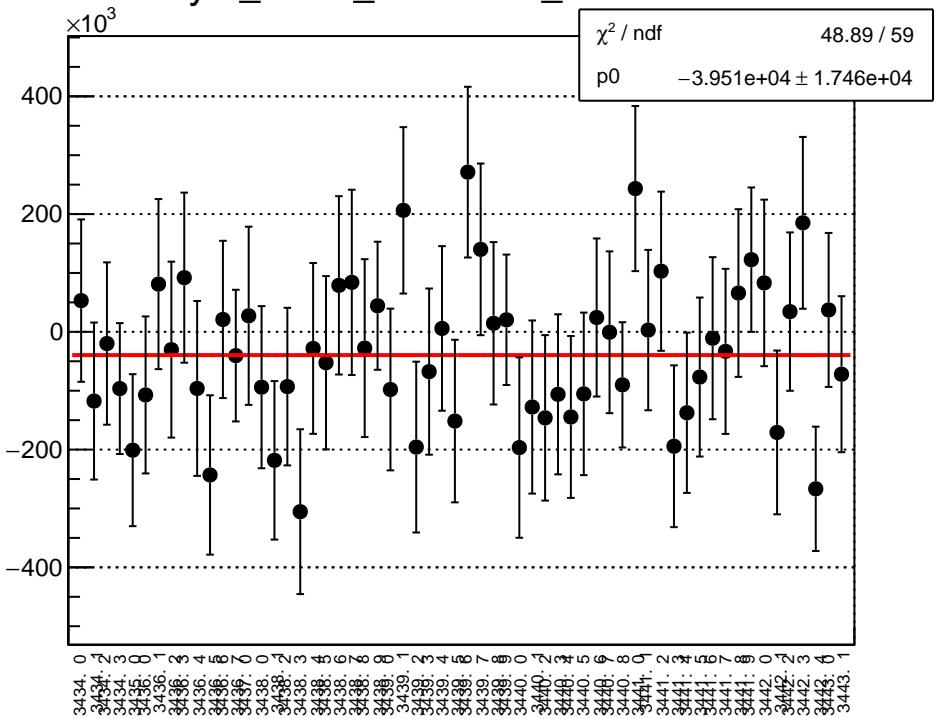
reg_asym_sam3_mean vs run



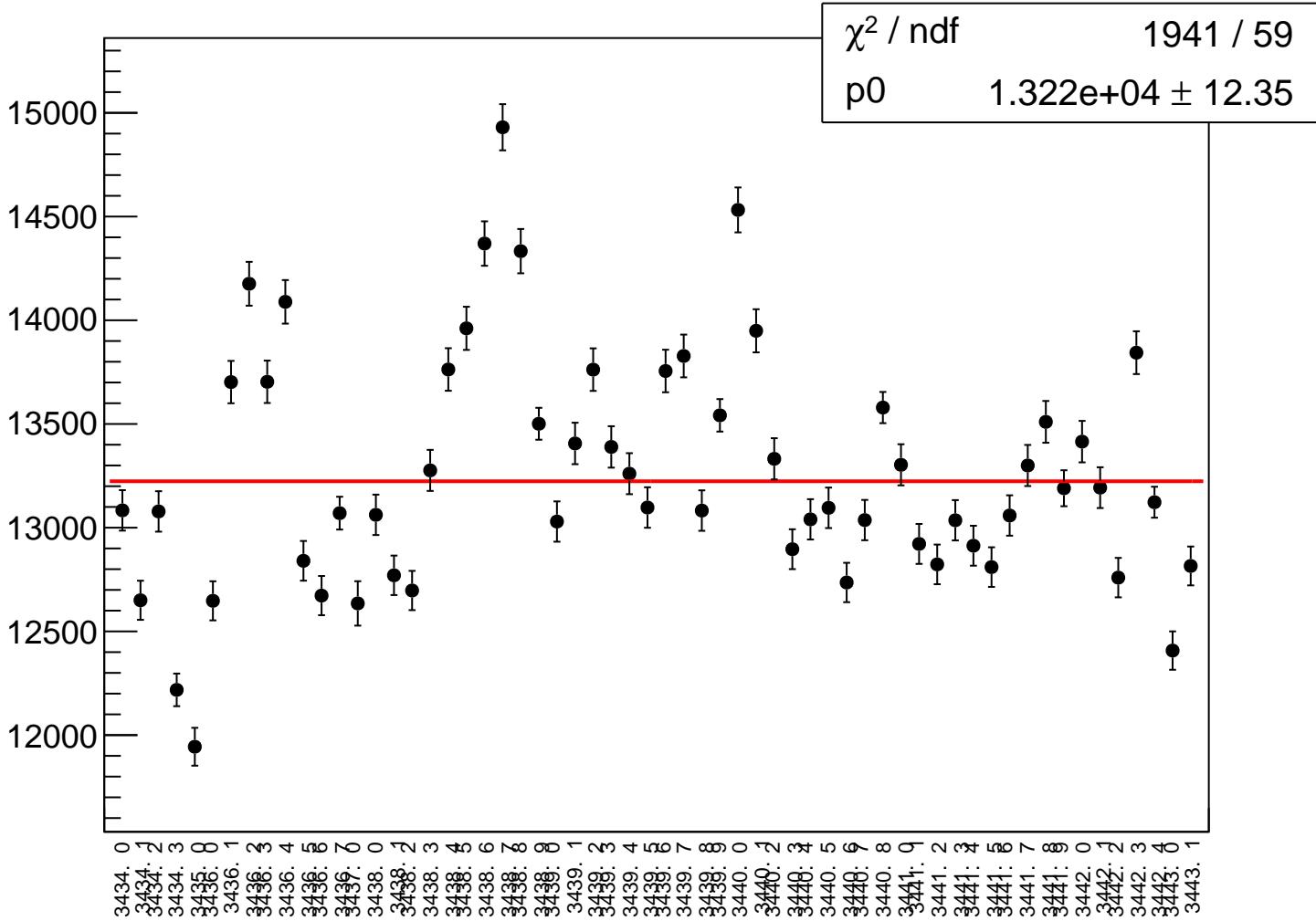
reg_asym_sam3_rms vs run



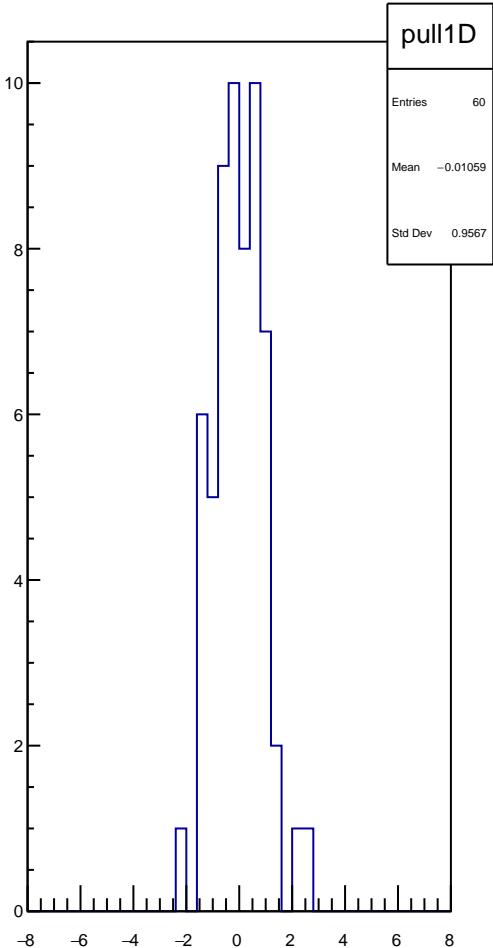
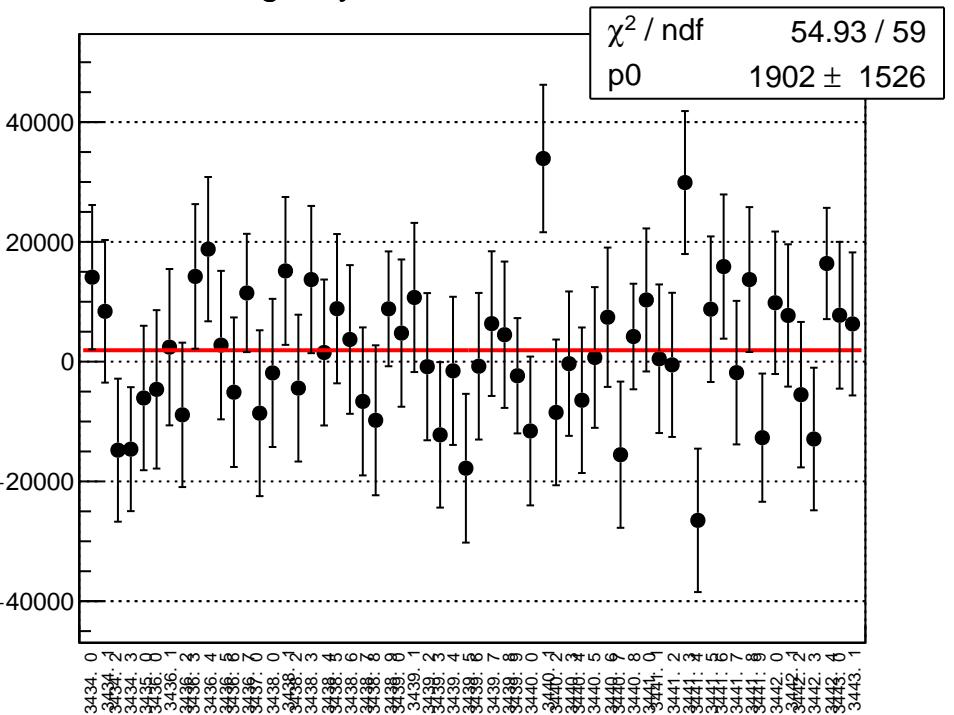
asym_sam3_correction_mean vs run



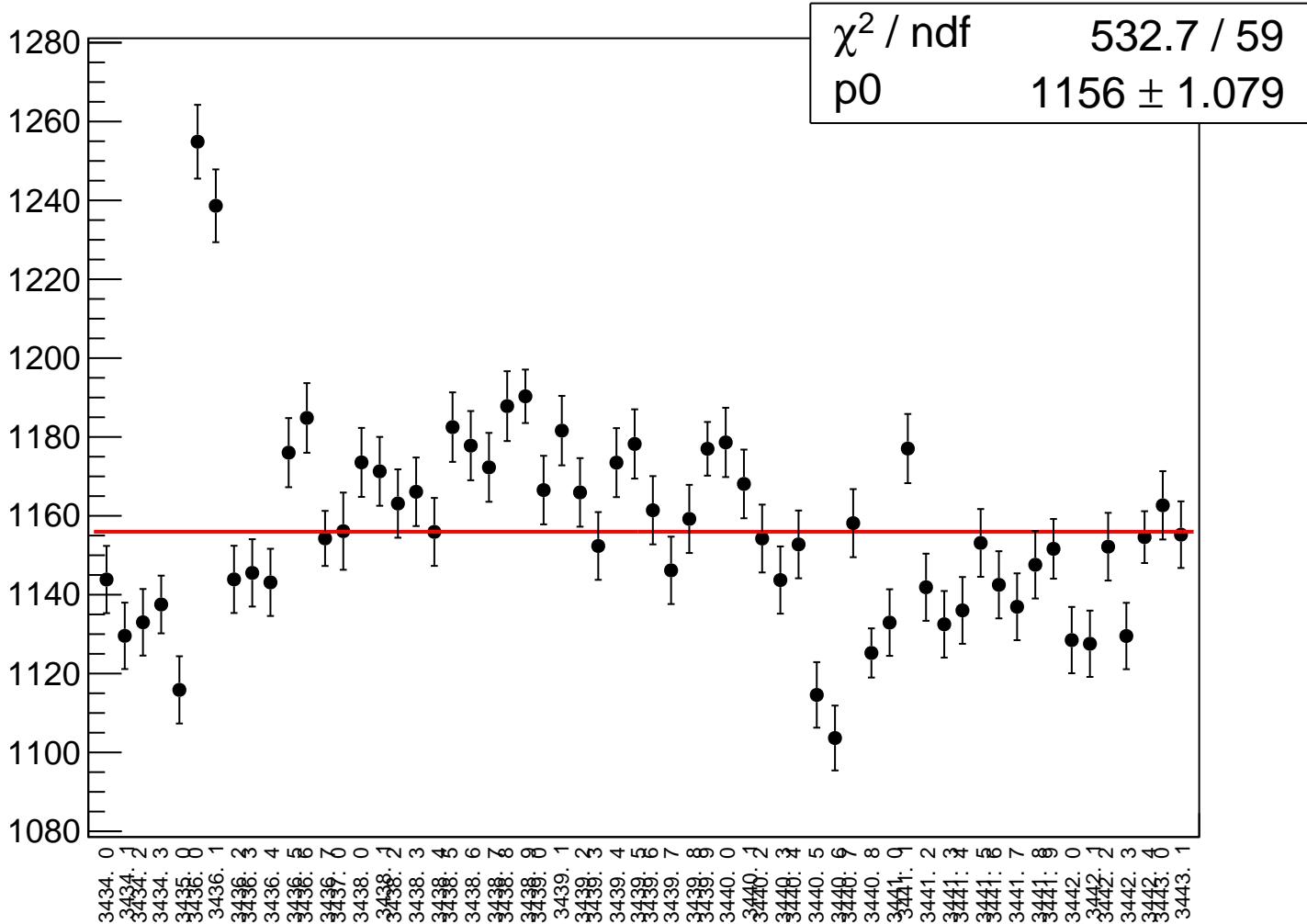
asym_sam3_correction_rms vs run

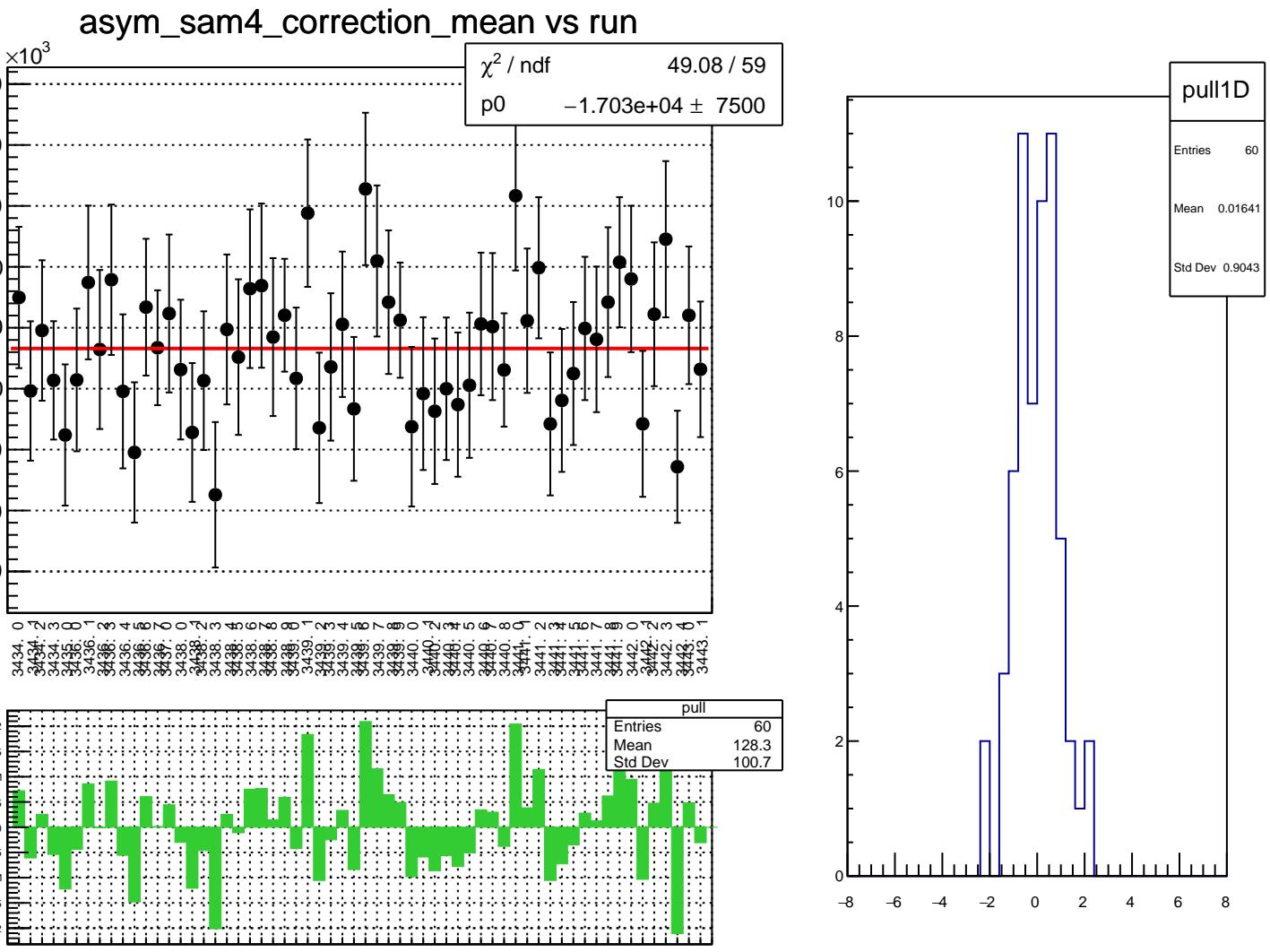


reg_asym_sam4_mean vs run

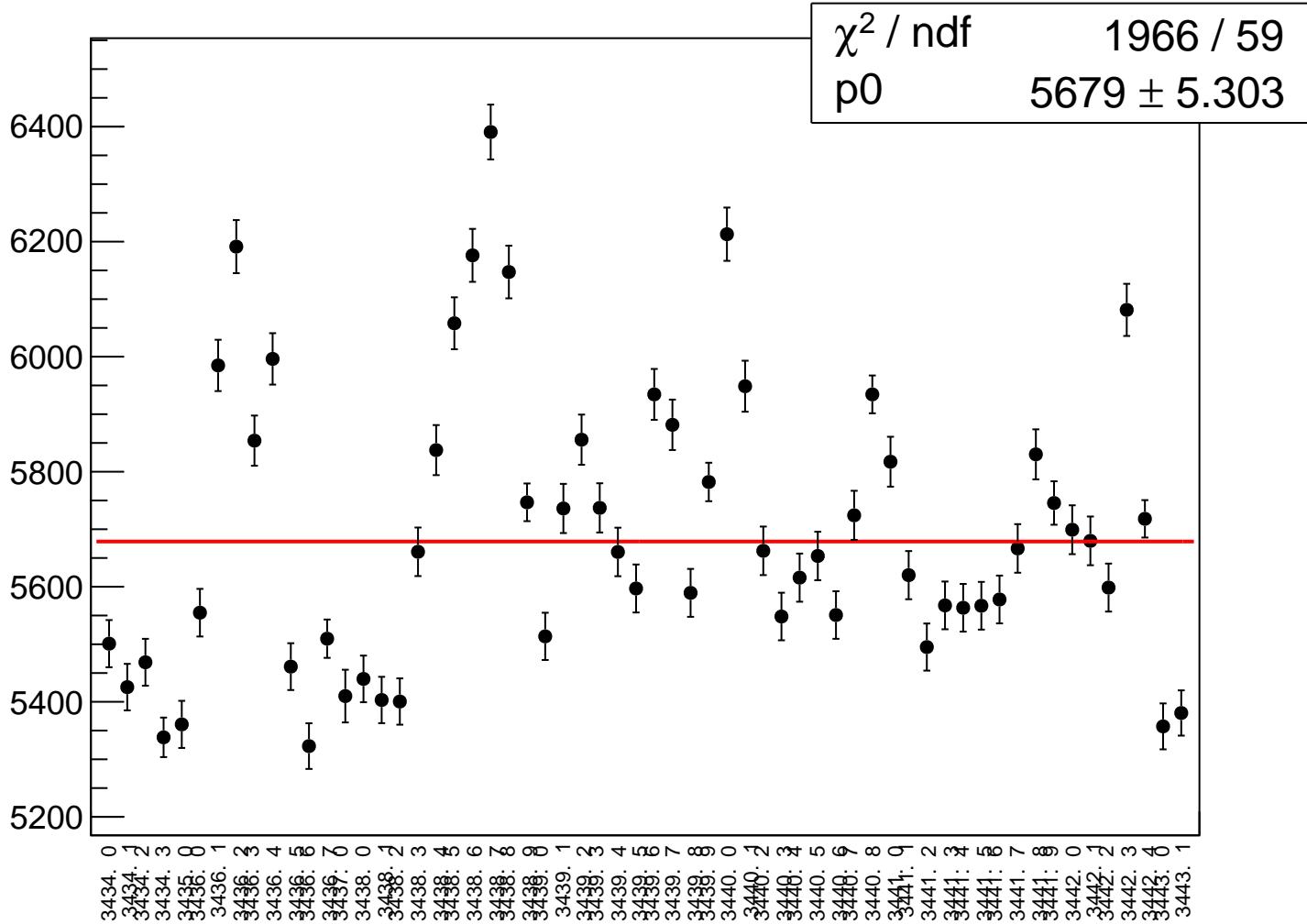


reg_asym_sam4_rms vs run

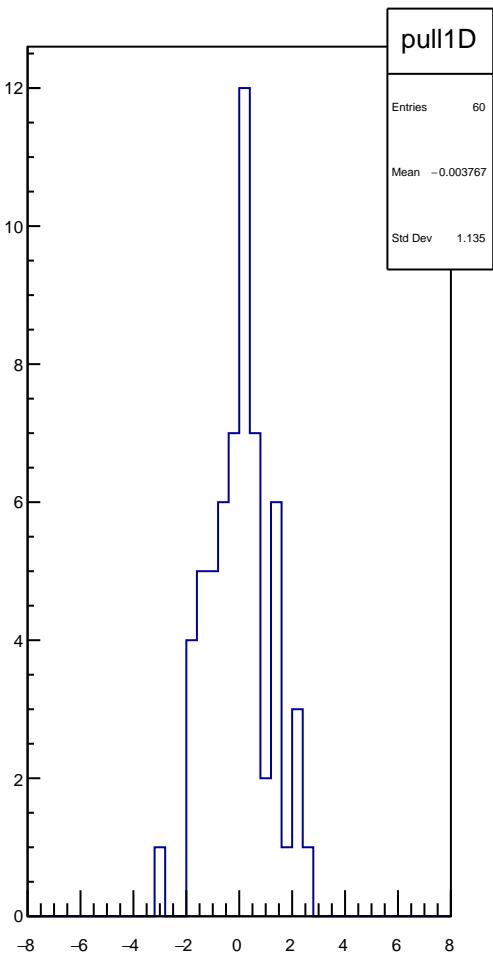
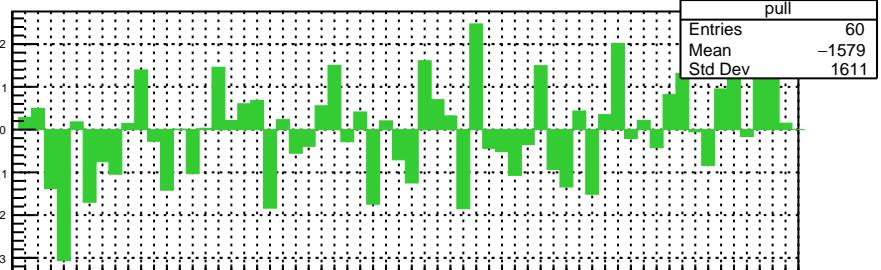
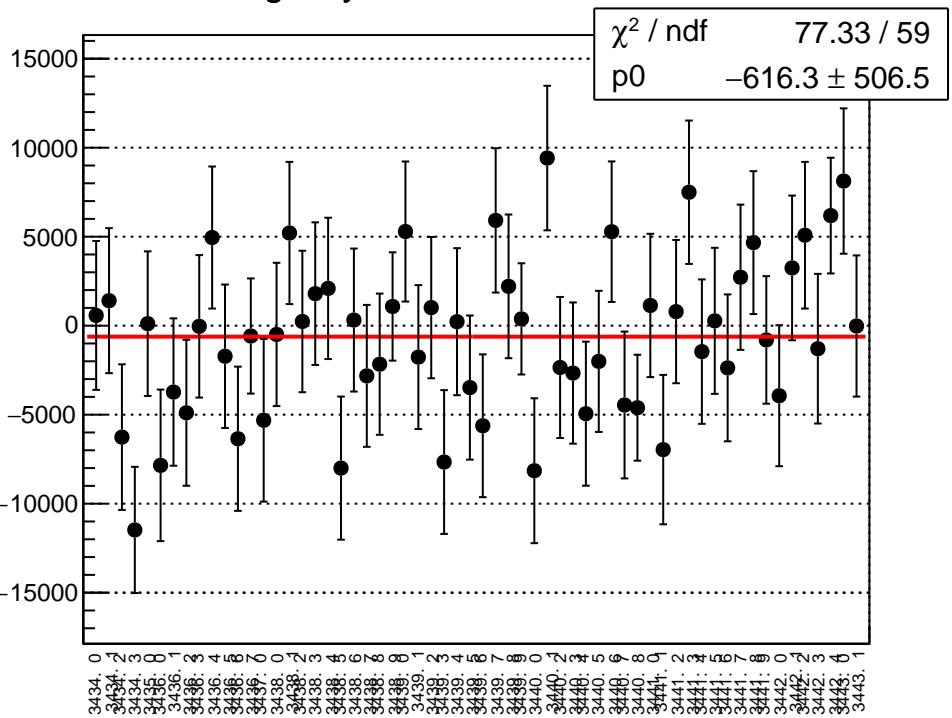




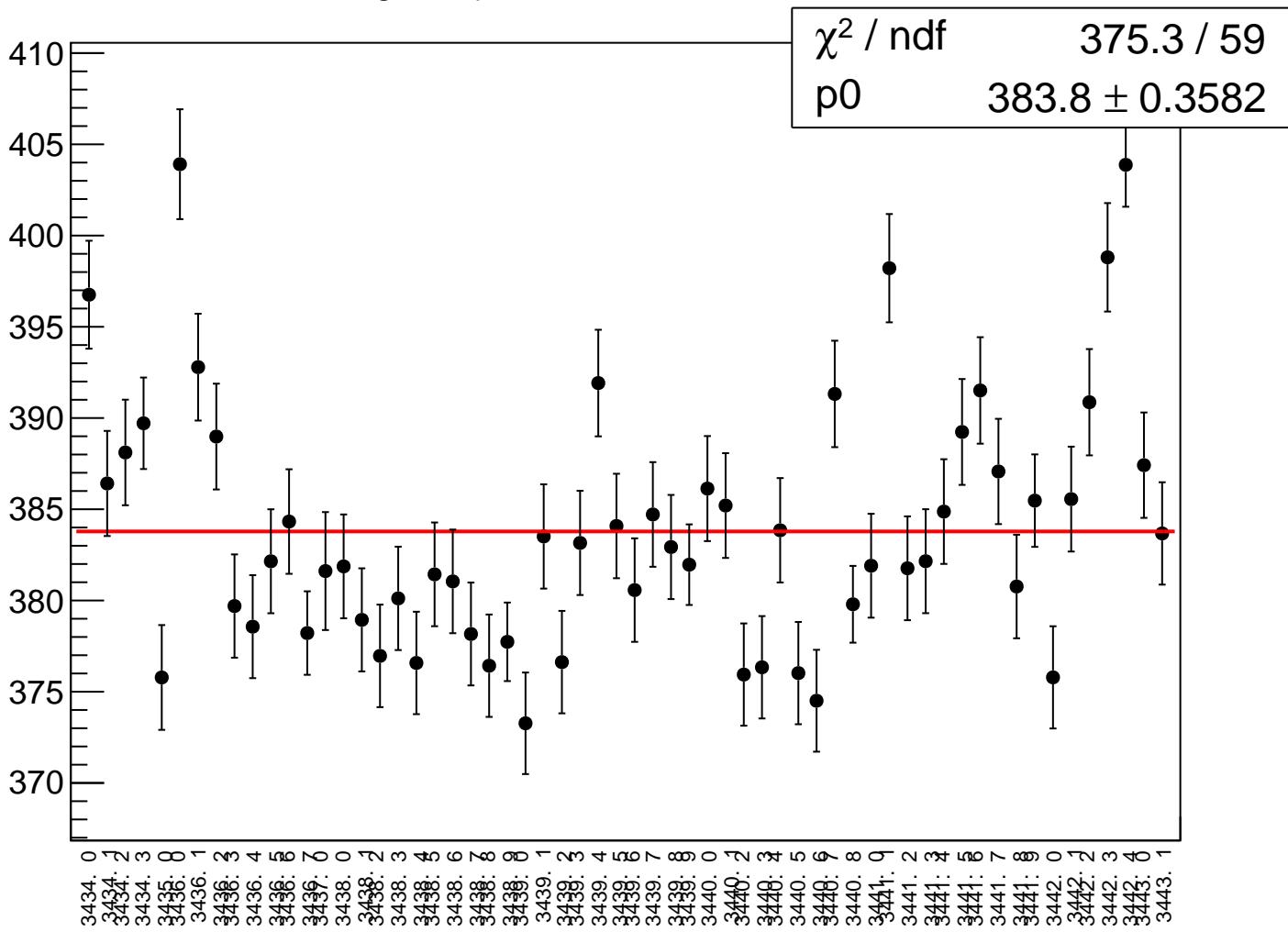
asym_sam4_correction_rms vs run



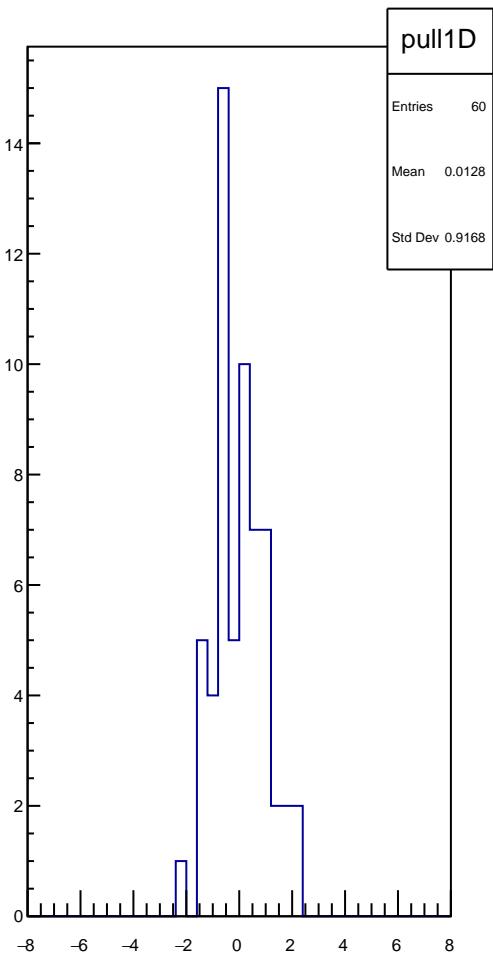
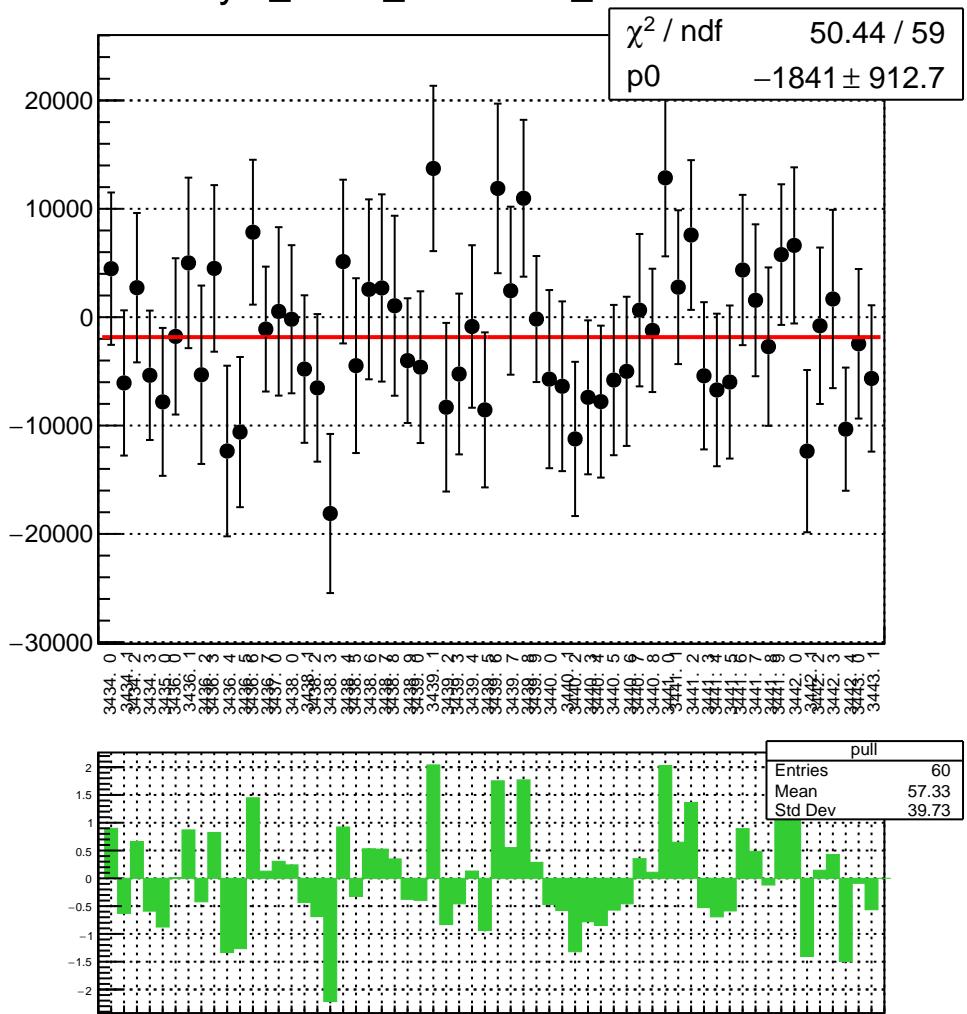
reg_asym_sam5_mean vs run



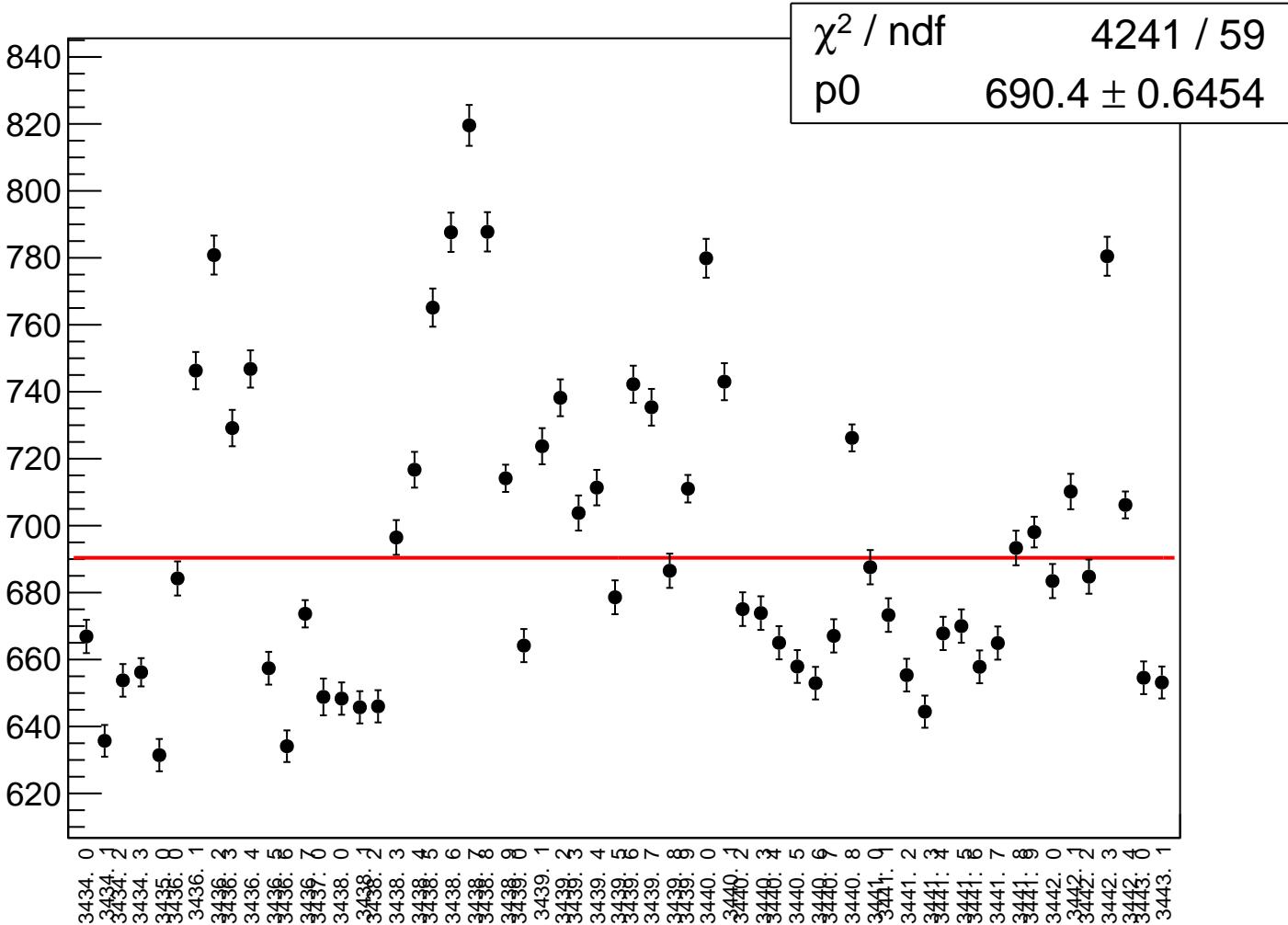
reg_asym_sam5_rms vs run



asym_sam5_correction_mean vs run

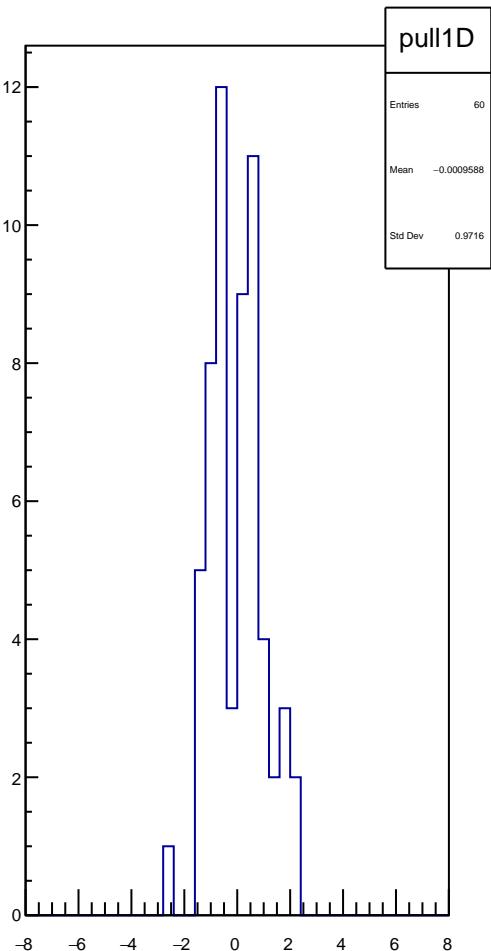
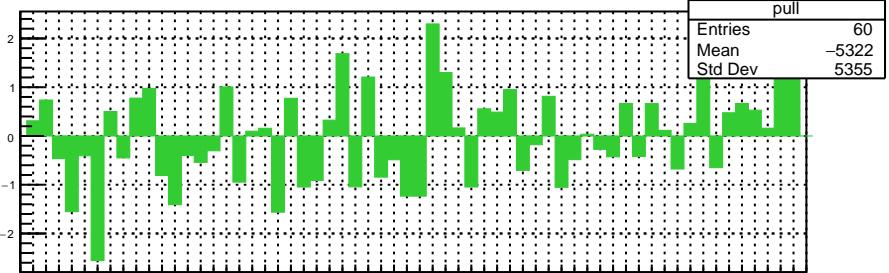
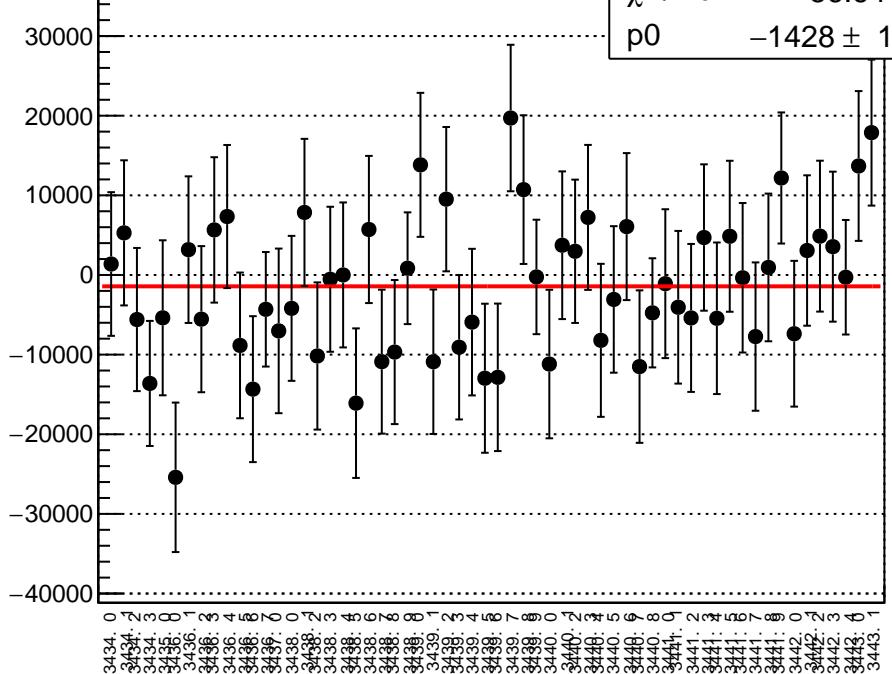


asym_sam5_correction_rms vs run

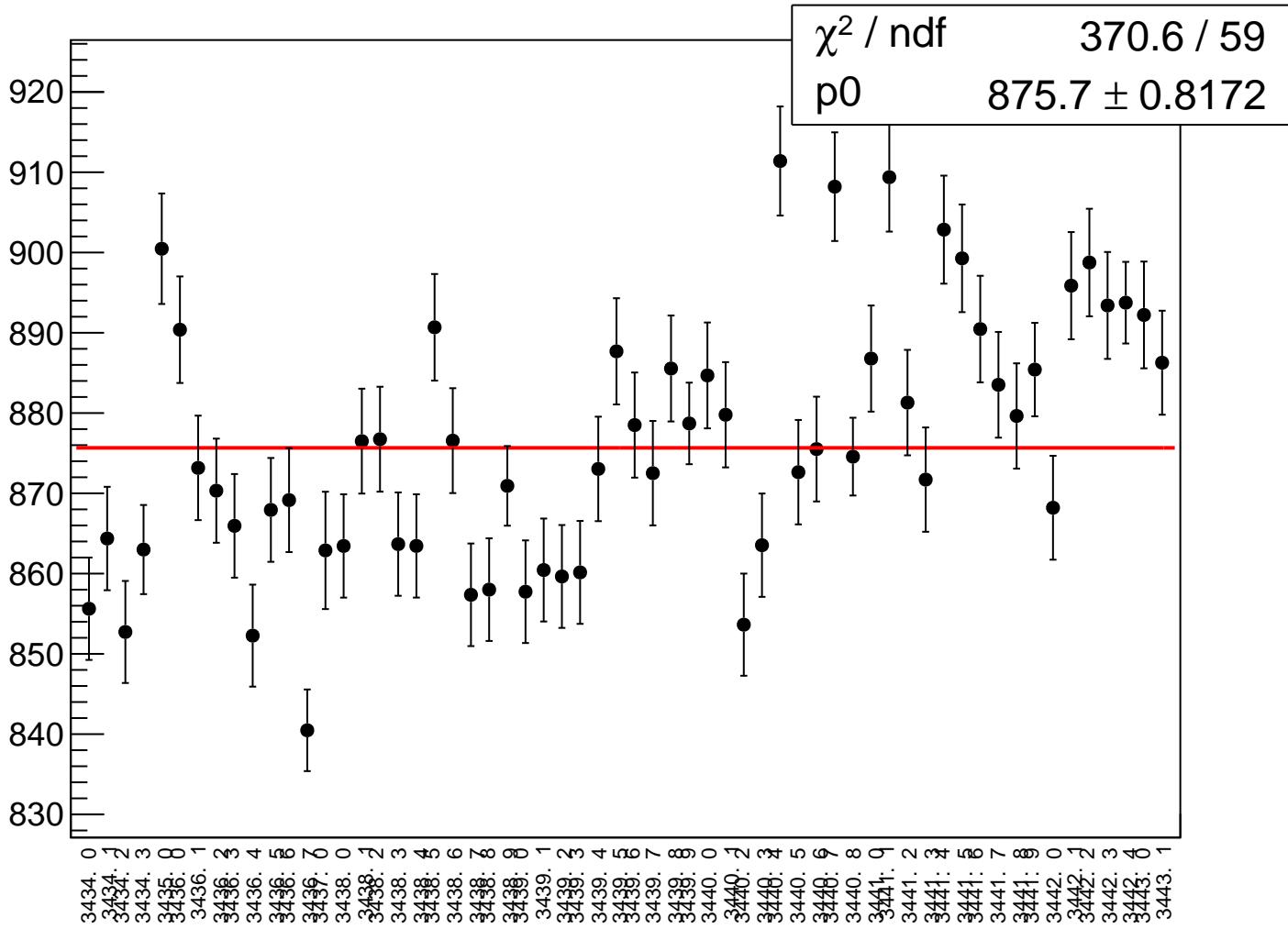


reg_asym_sam6_mean vs run

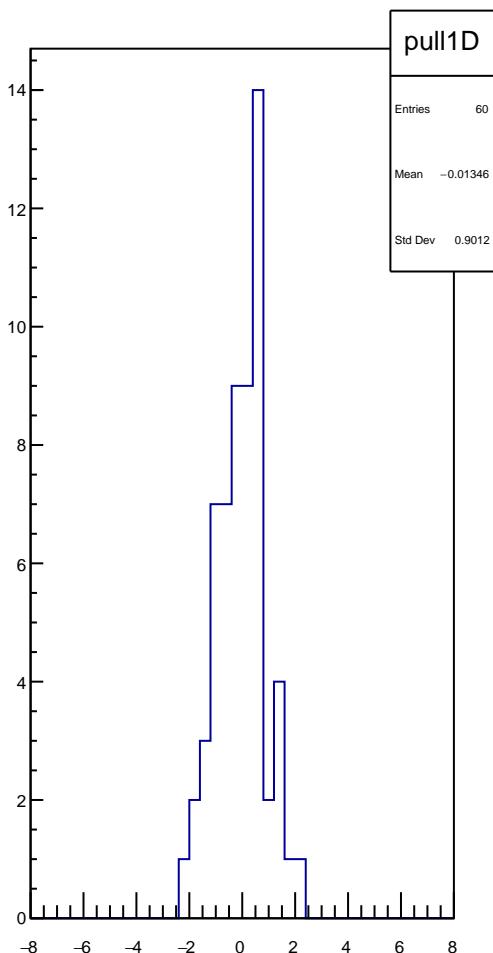
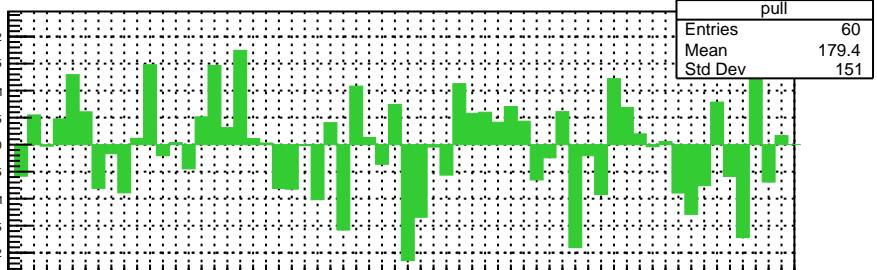
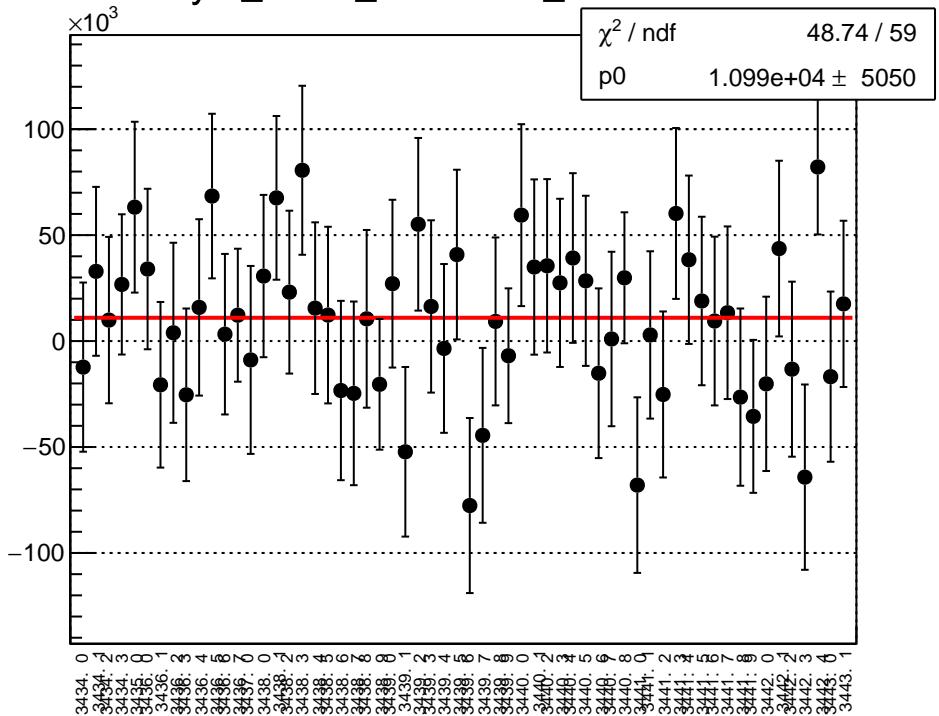
χ^2 / ndf 56.64 / 59
p0 -1428 ± 1156



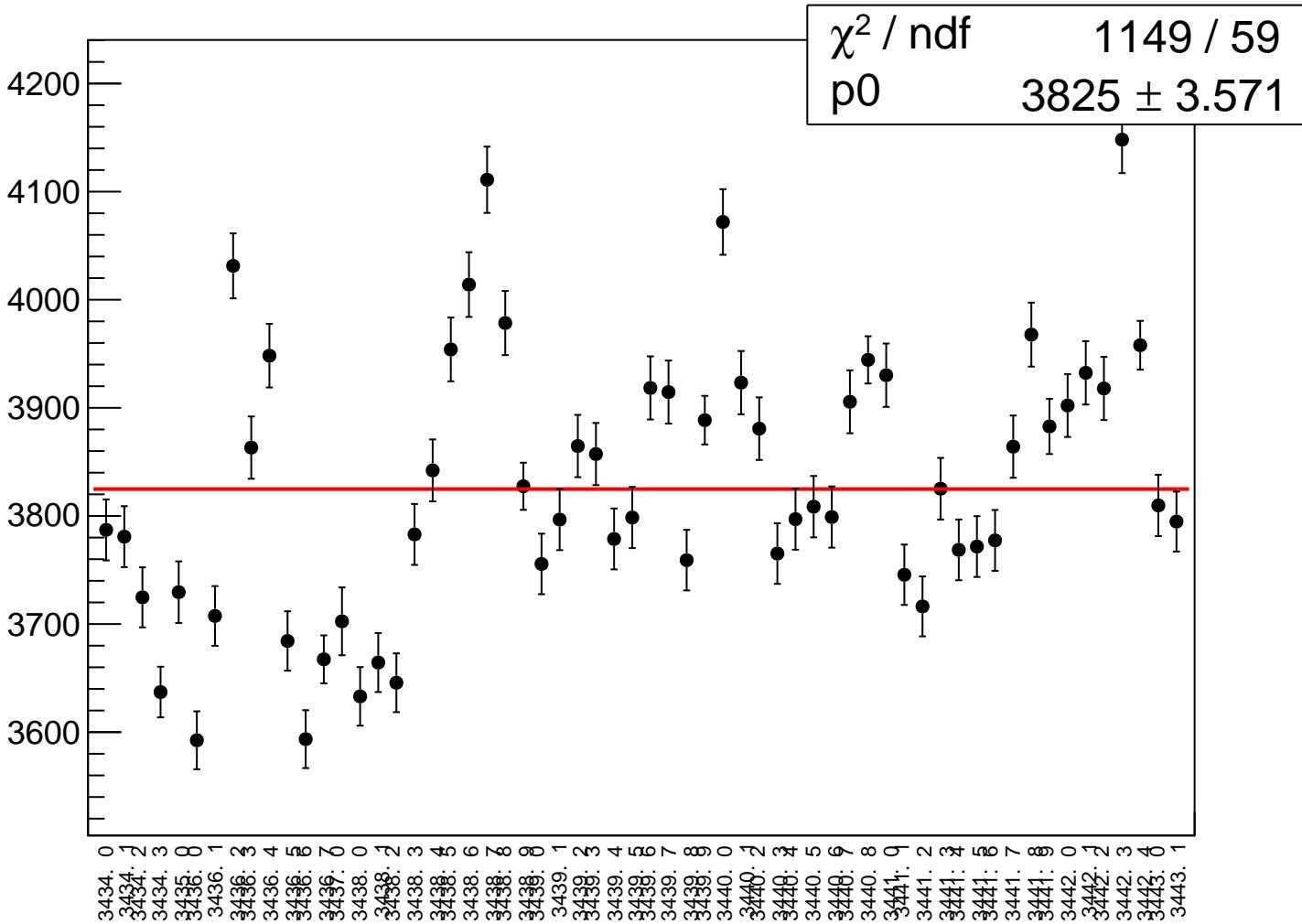
reg_asym_sam6_rms vs run



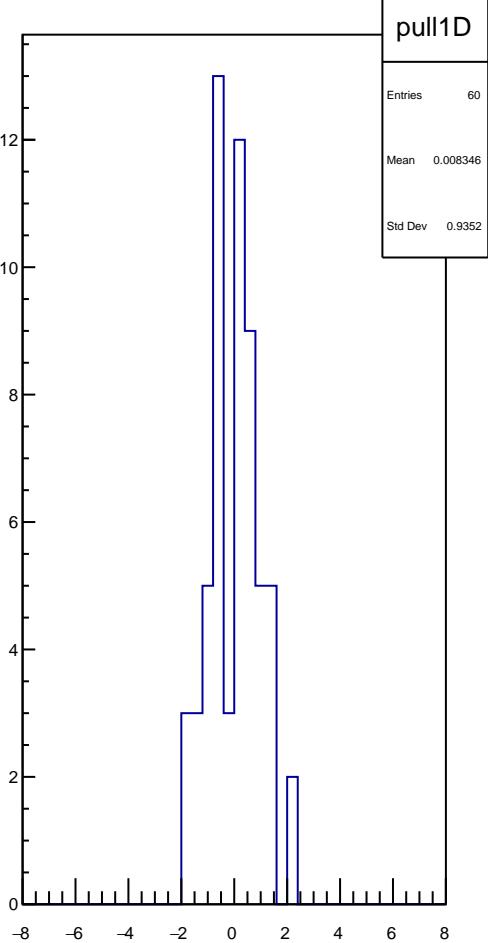
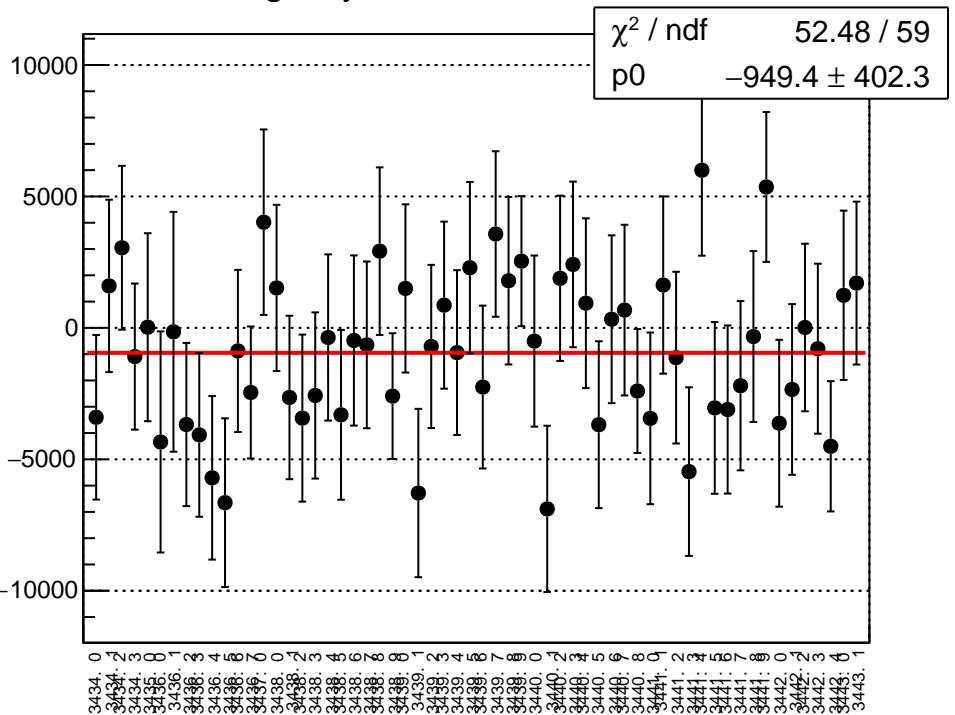
asym_sam6_correction_mean vs run



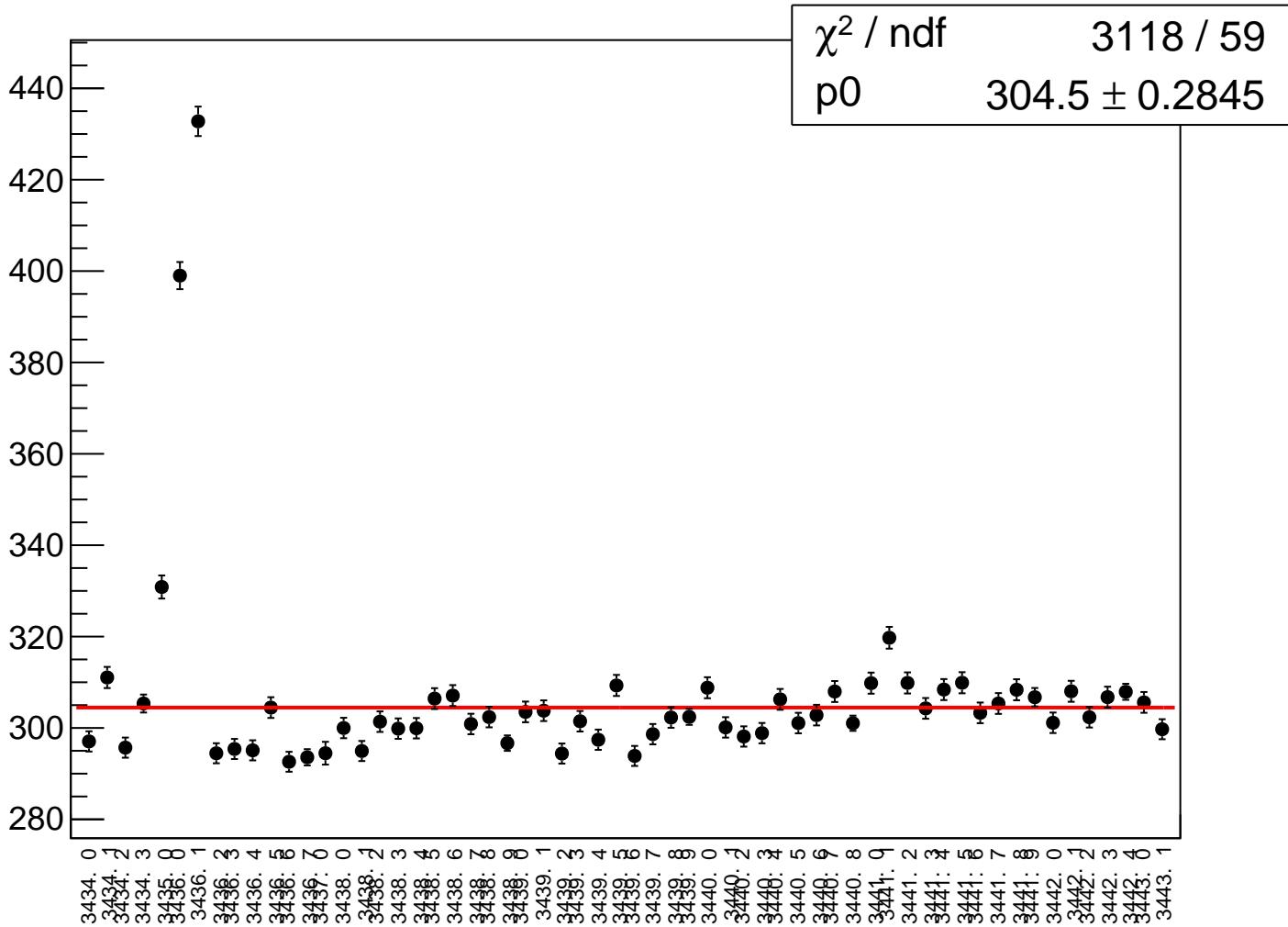
asym_sam6_correction_rms vs run



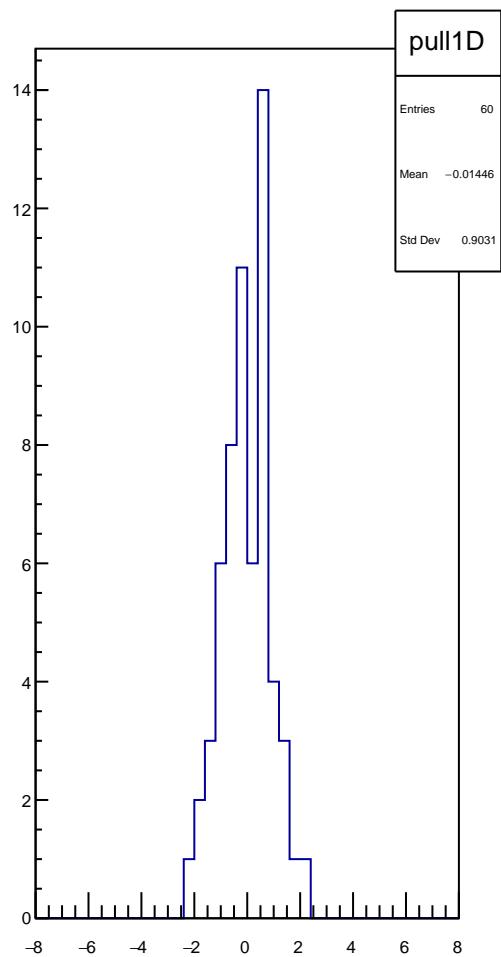
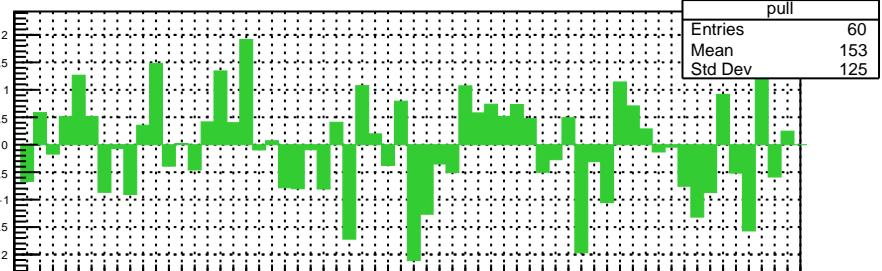
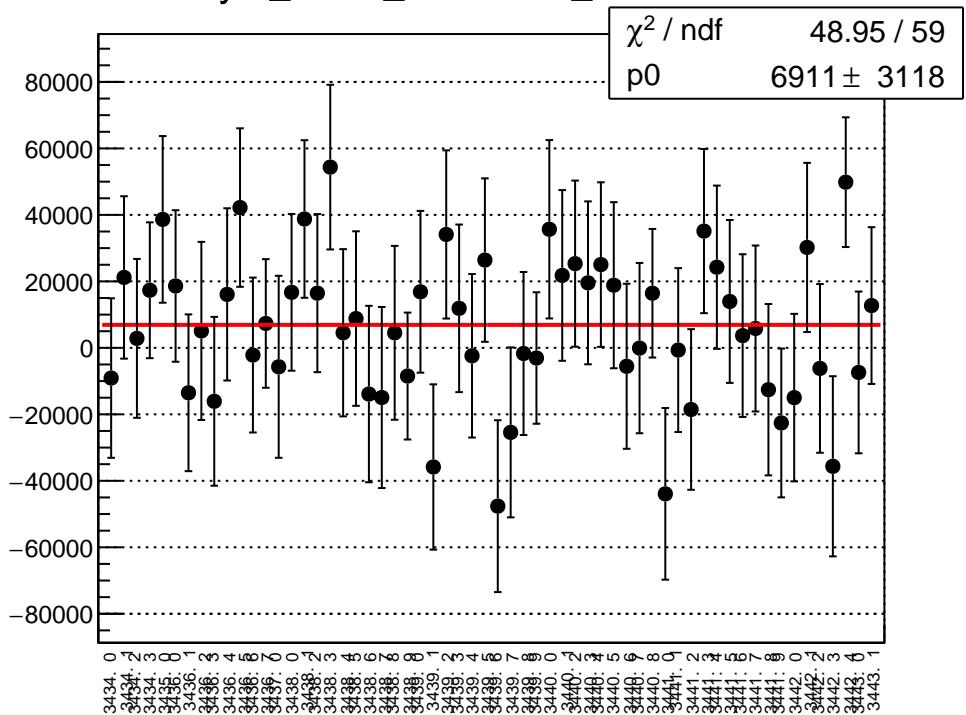
reg_asym_sam7_mean vs run



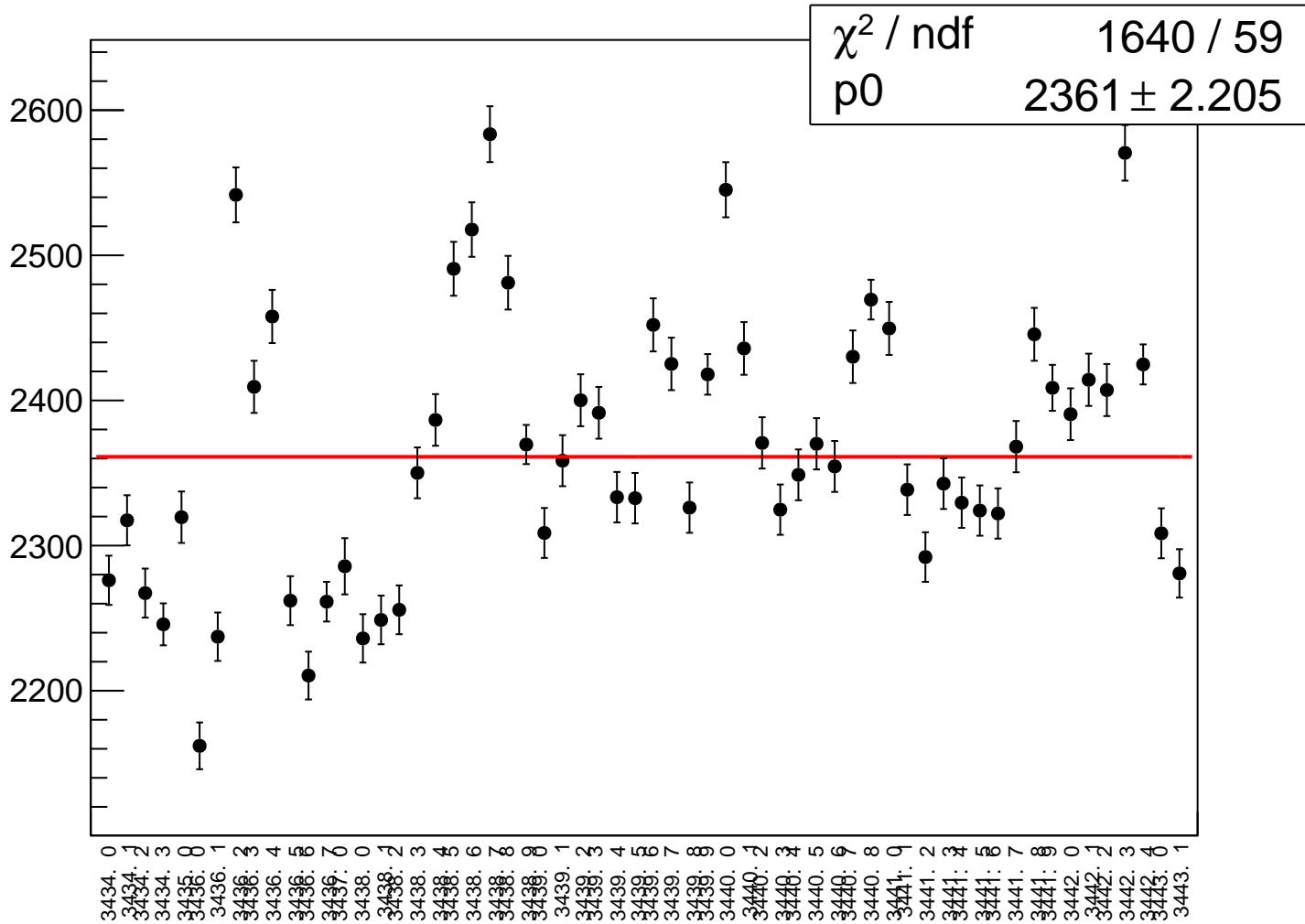
reg_asym_sam7_rms vs run



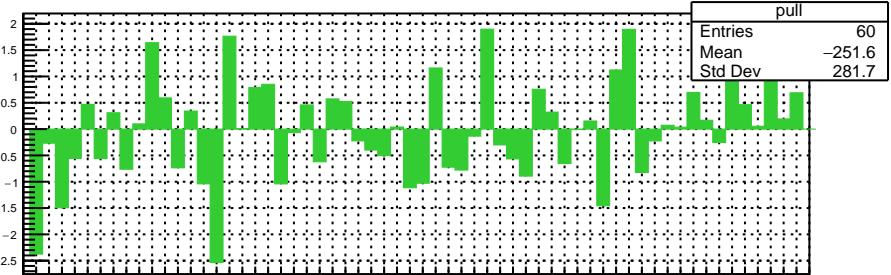
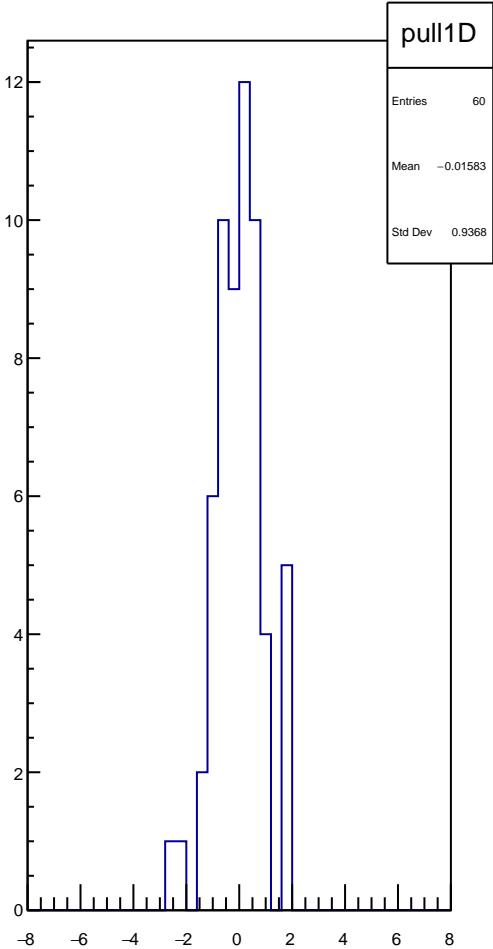
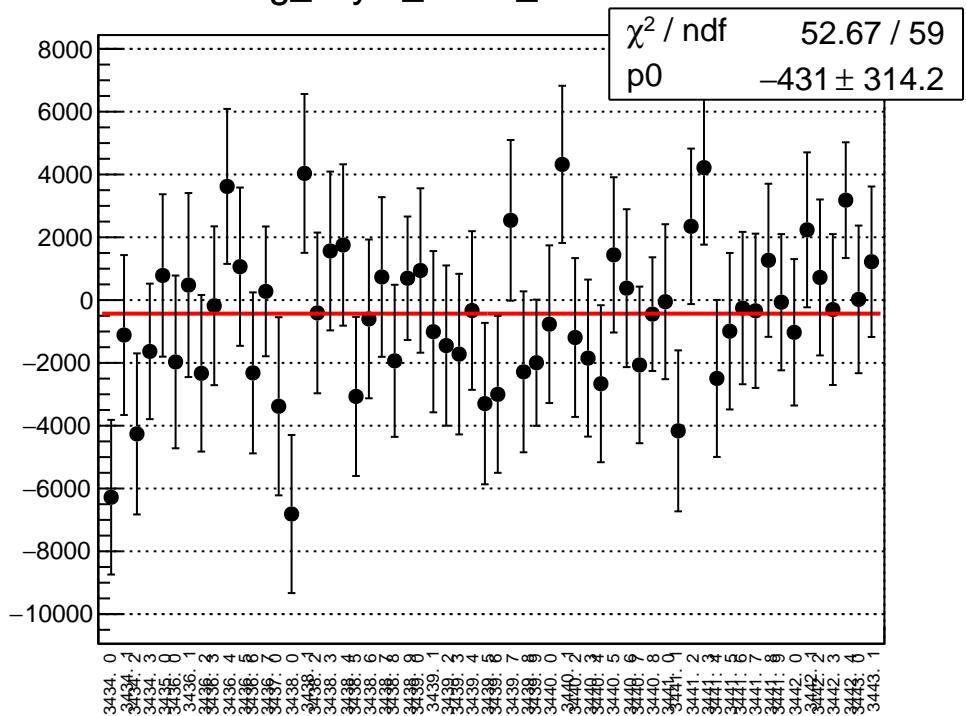
asym_sam7_correction_mean vs run



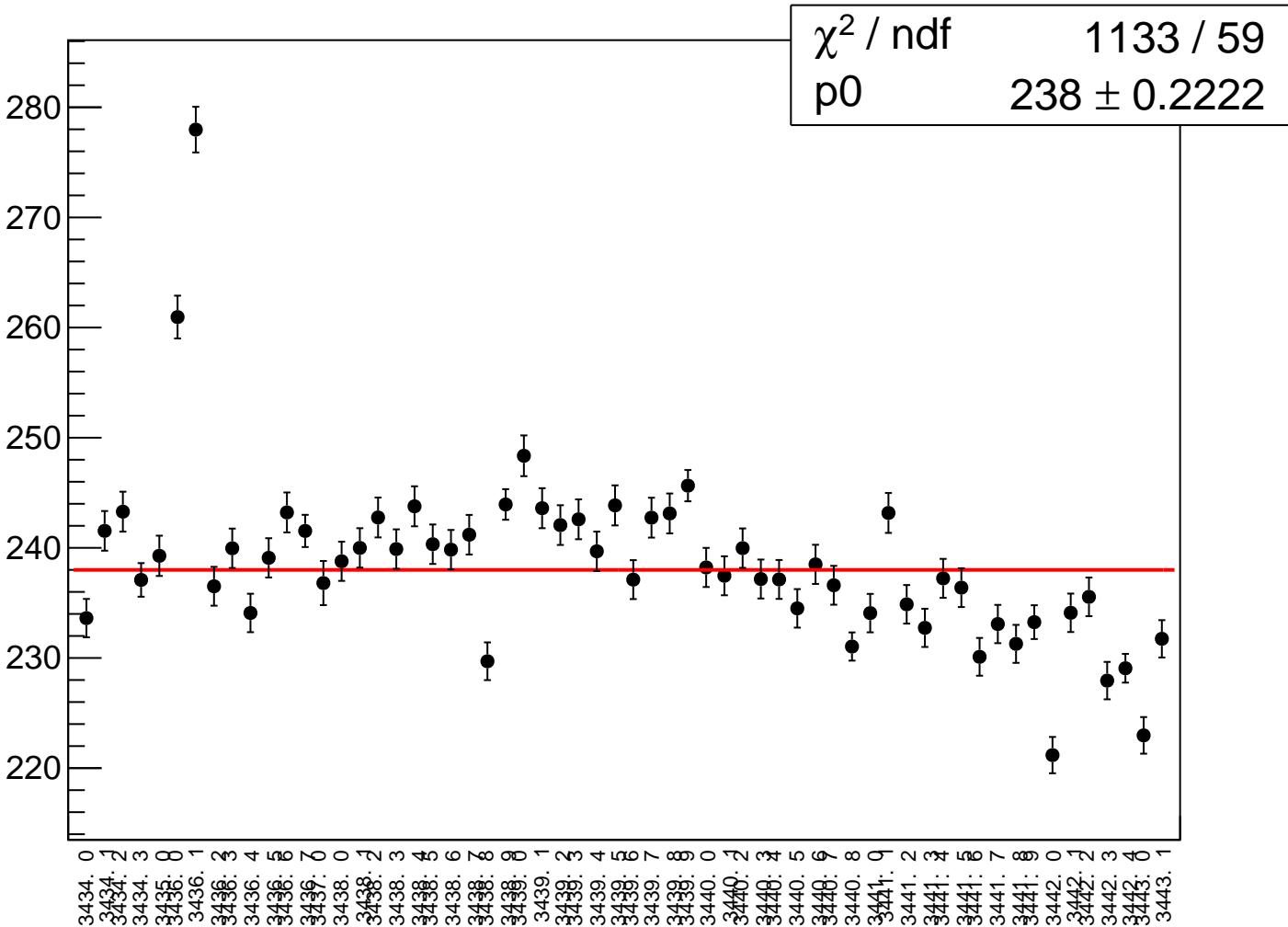
asym_sam7_correction_rms vs run



reg_asym_sam8_mean vs run

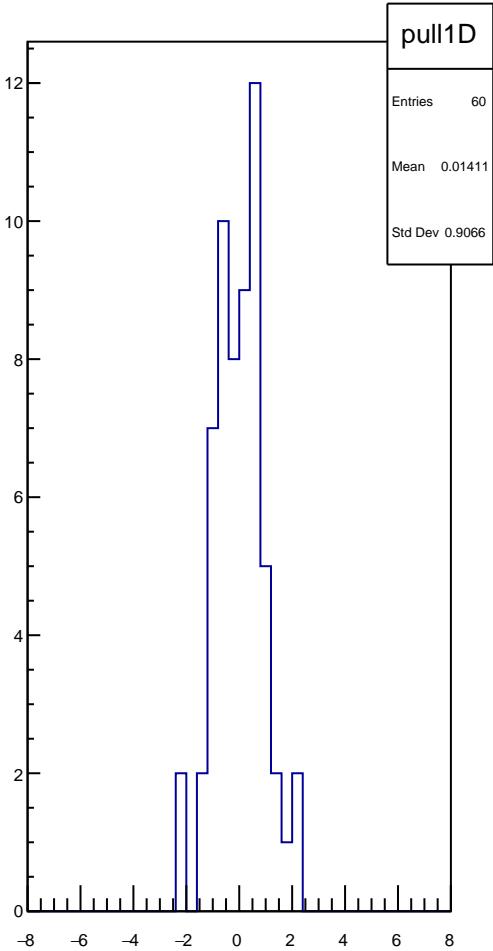
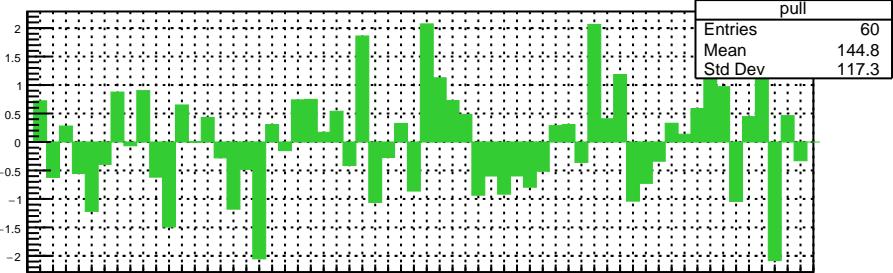
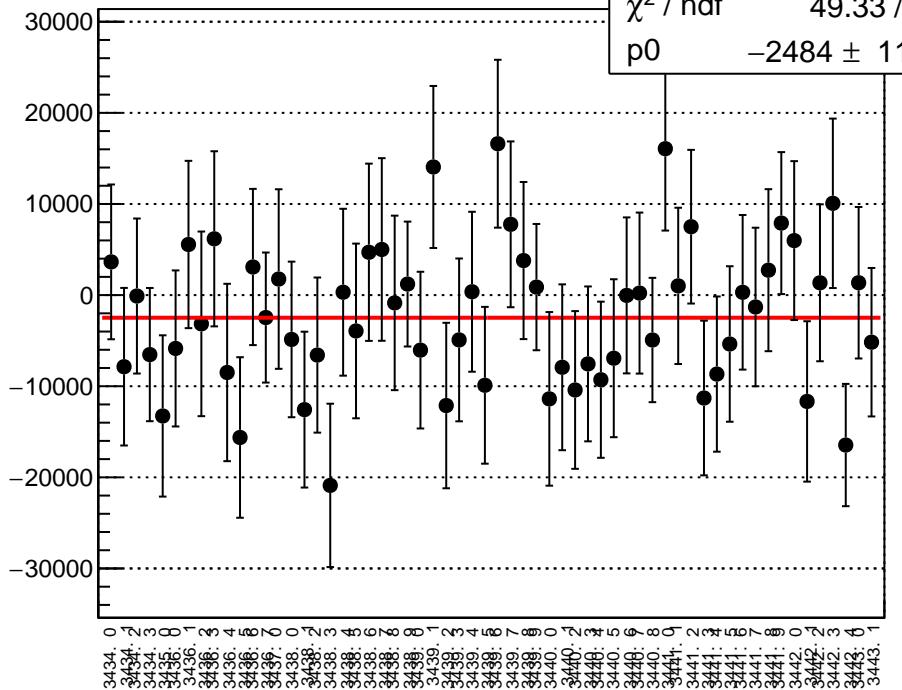


reg_asym_sam8_rms vs run





χ^2 / ndf 49.33 / 59
p0 -2484 ± 1107



asym_sam8_correction_rms vs run

