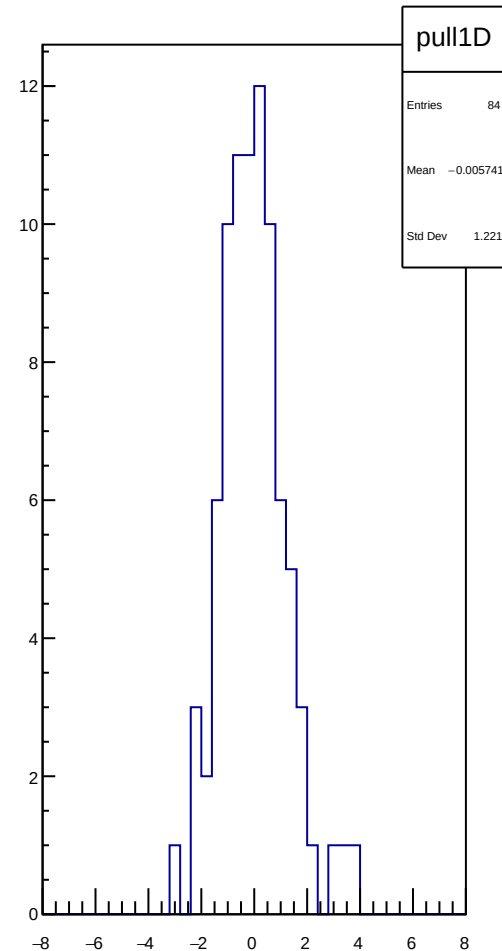
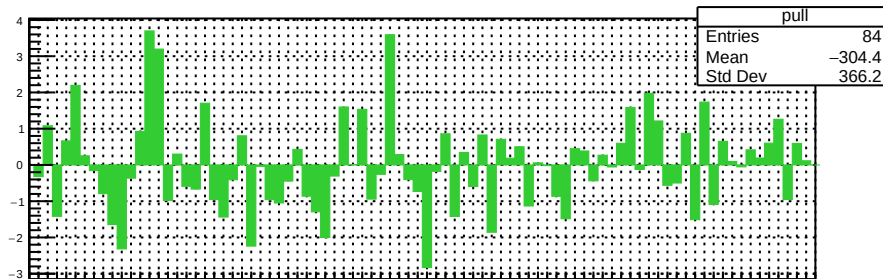
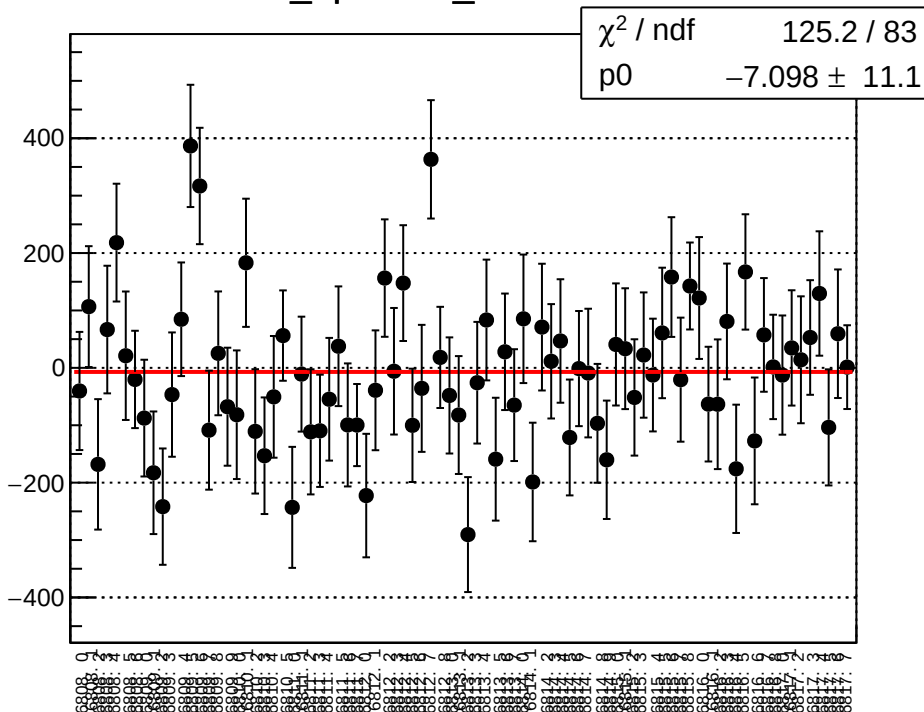
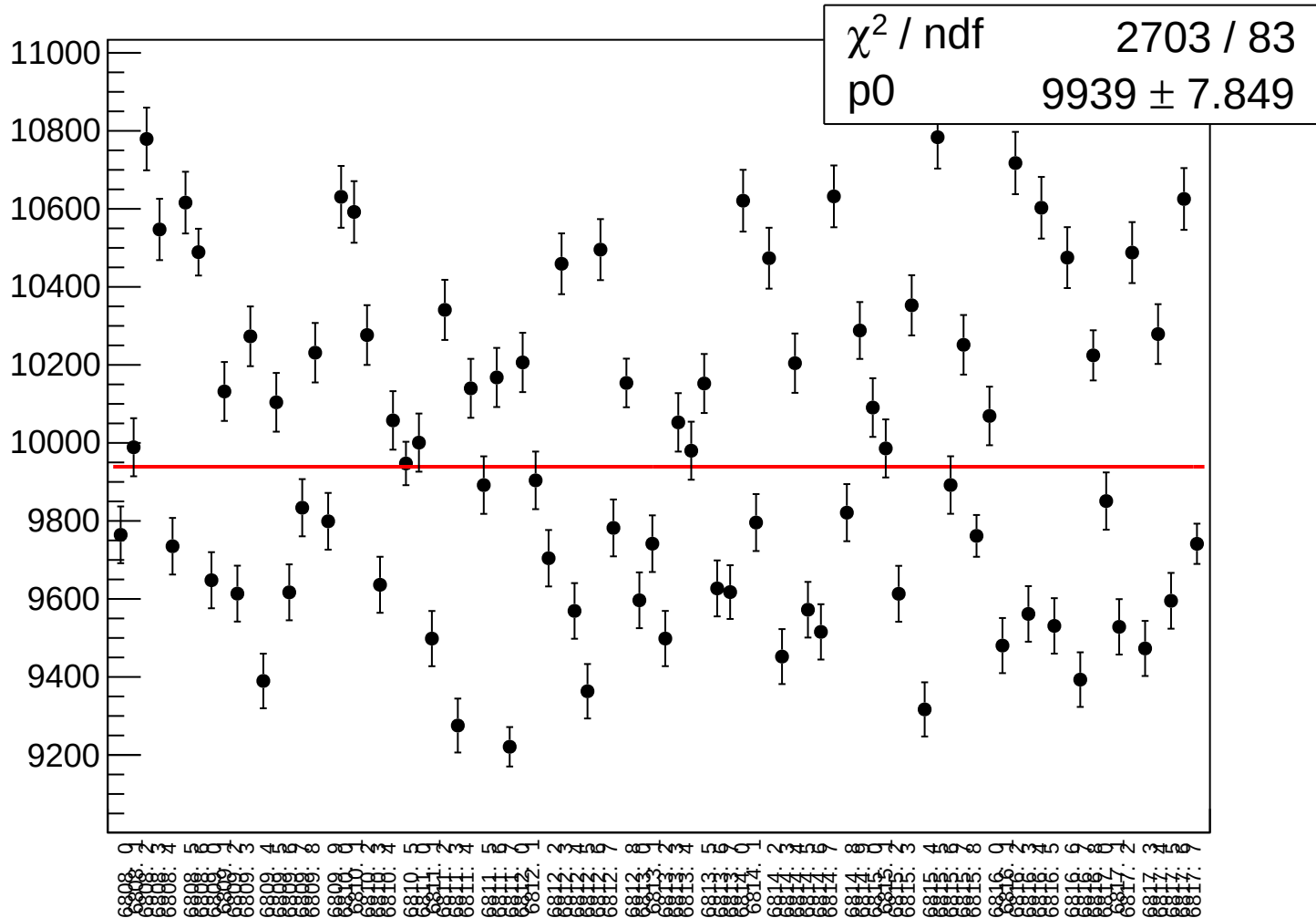


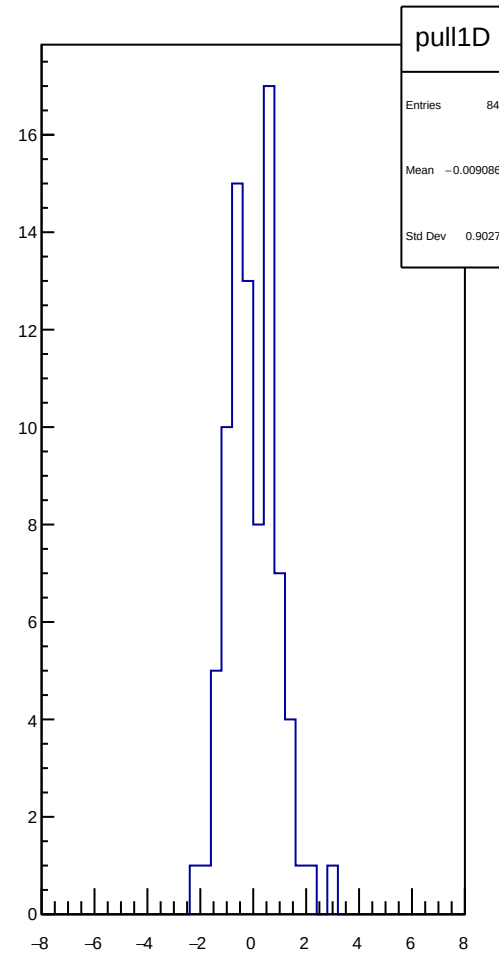
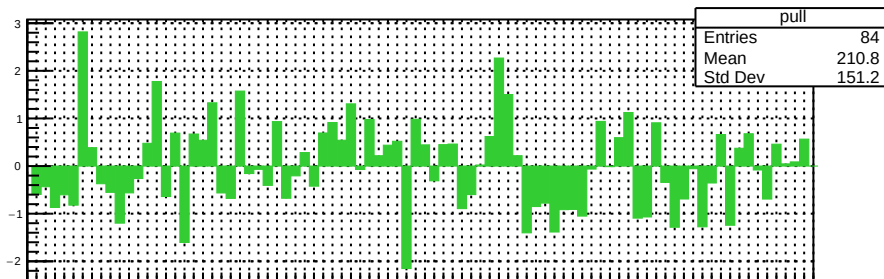
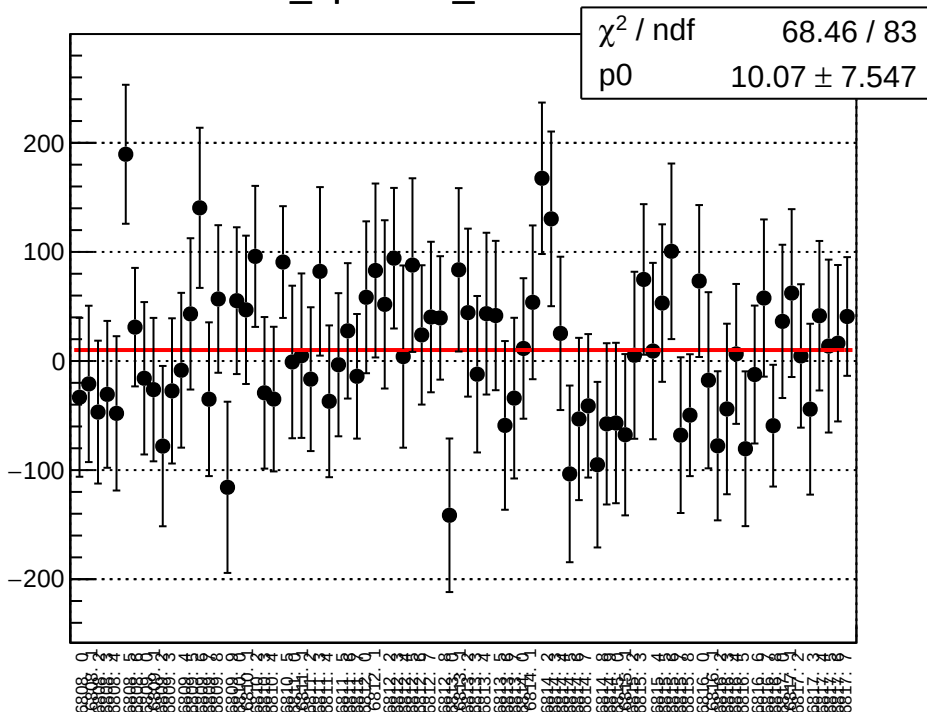
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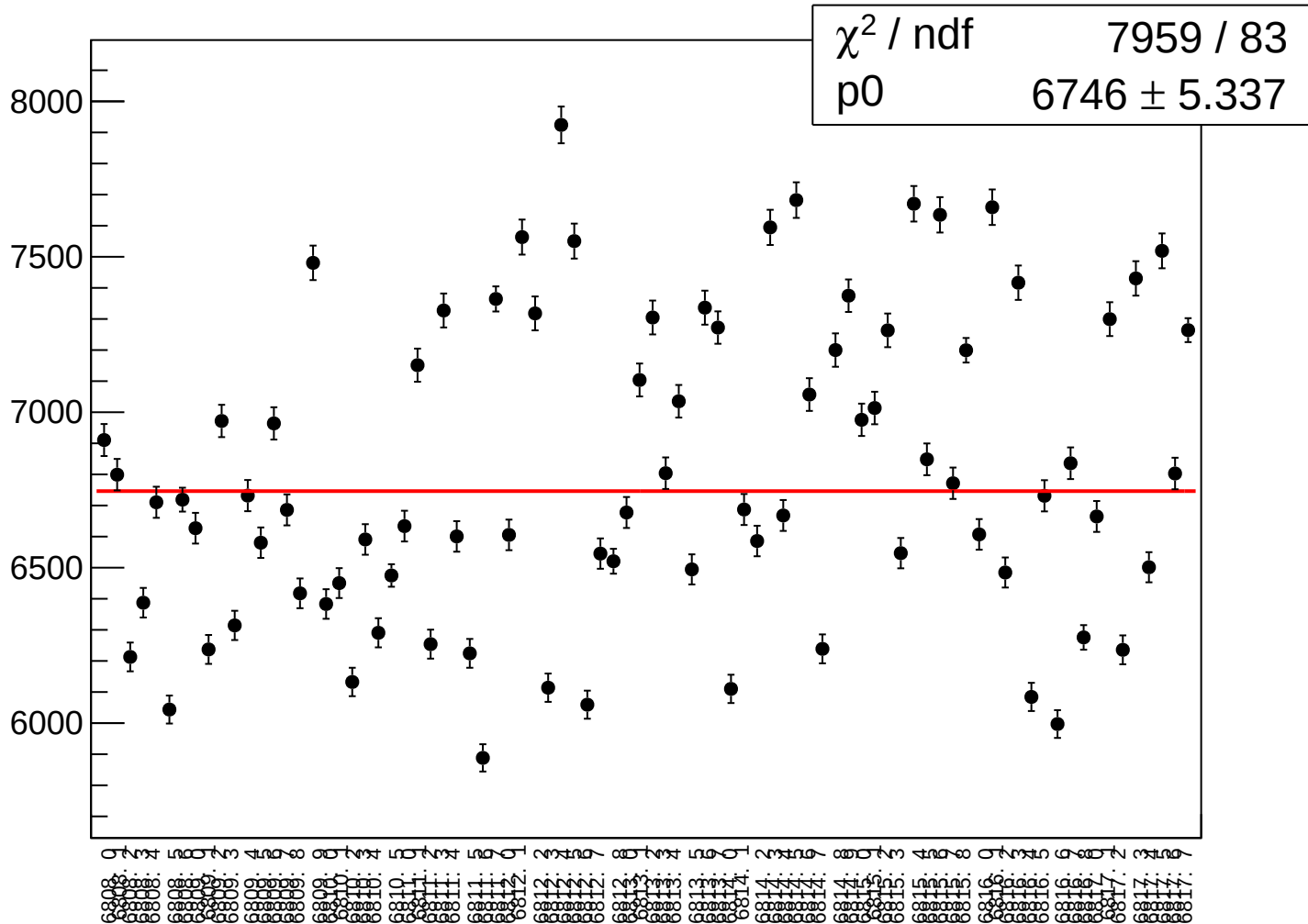
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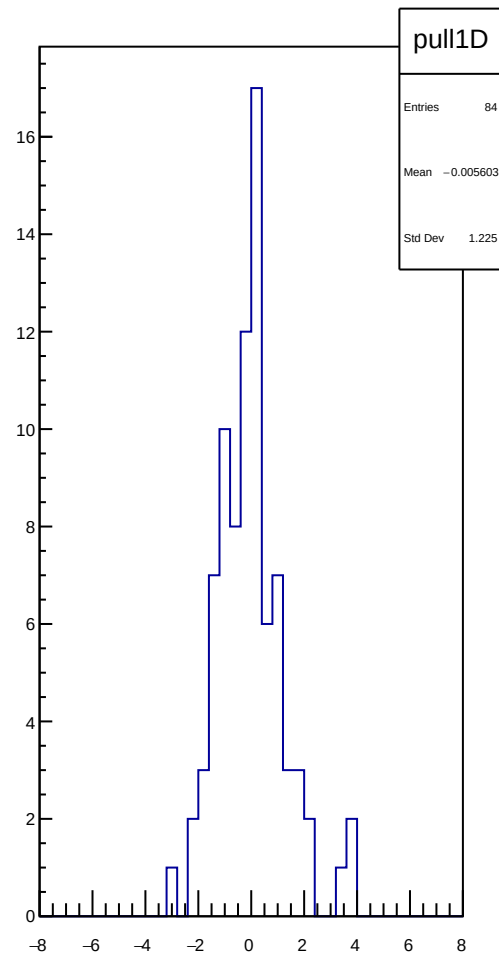
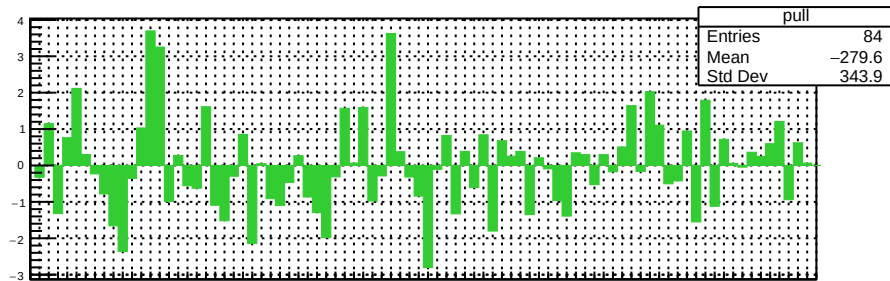
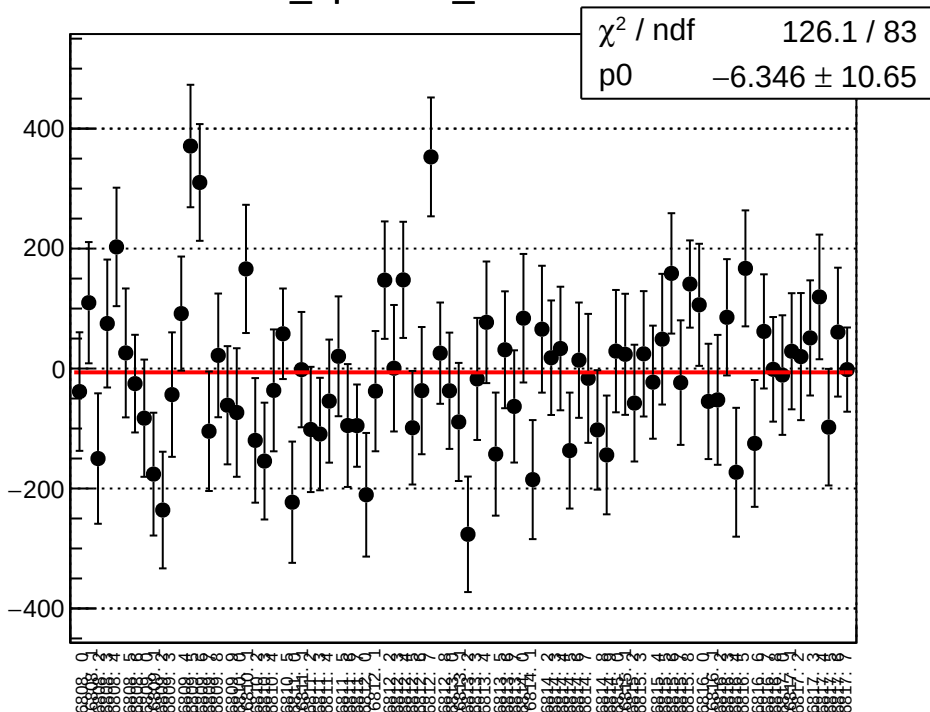
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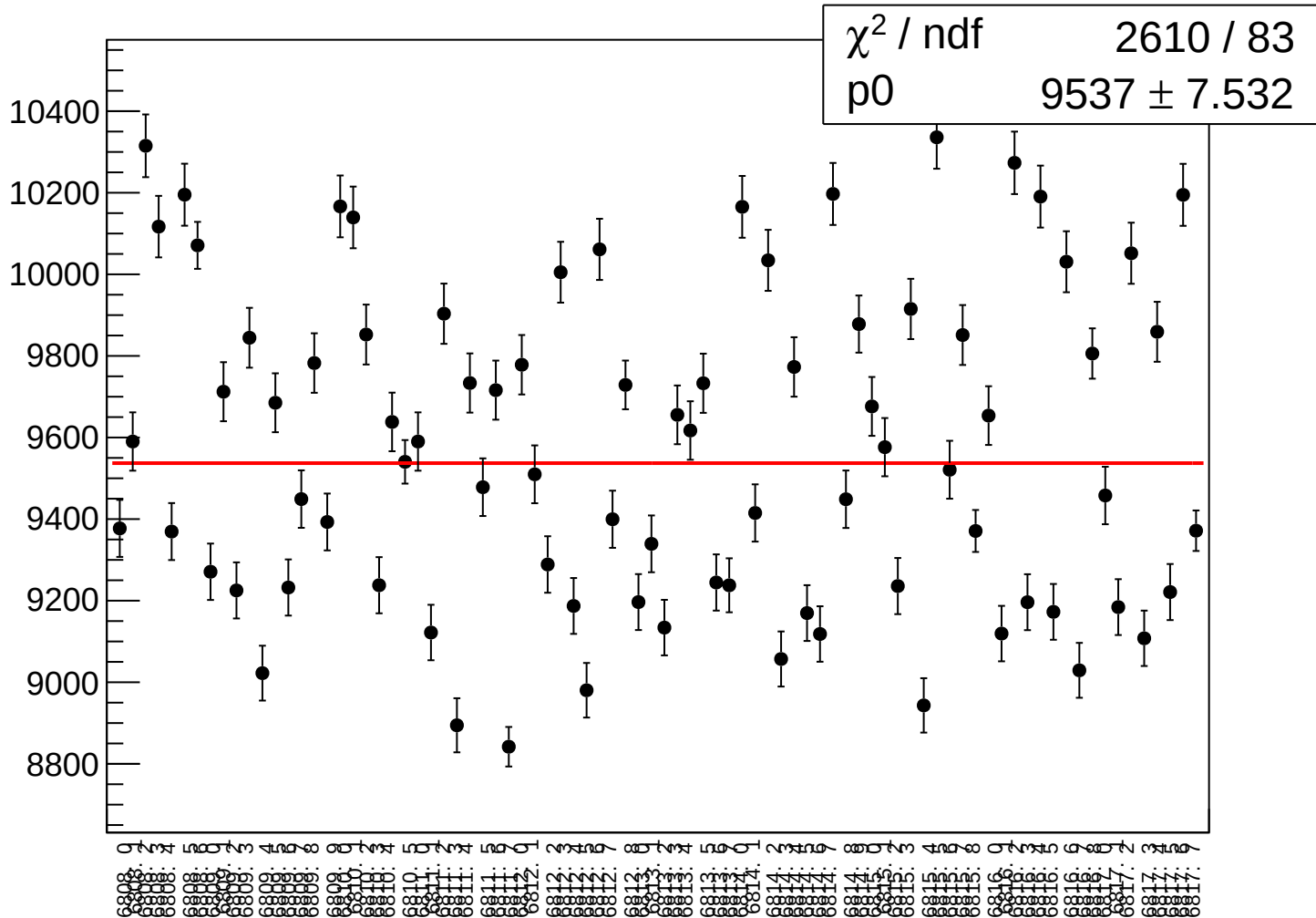
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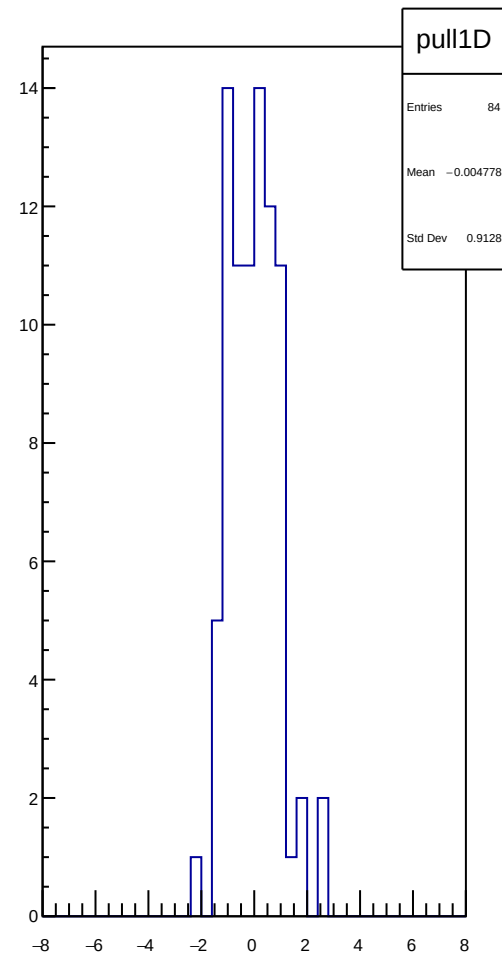
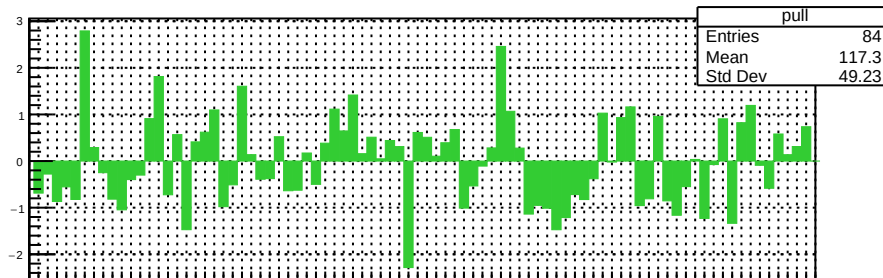
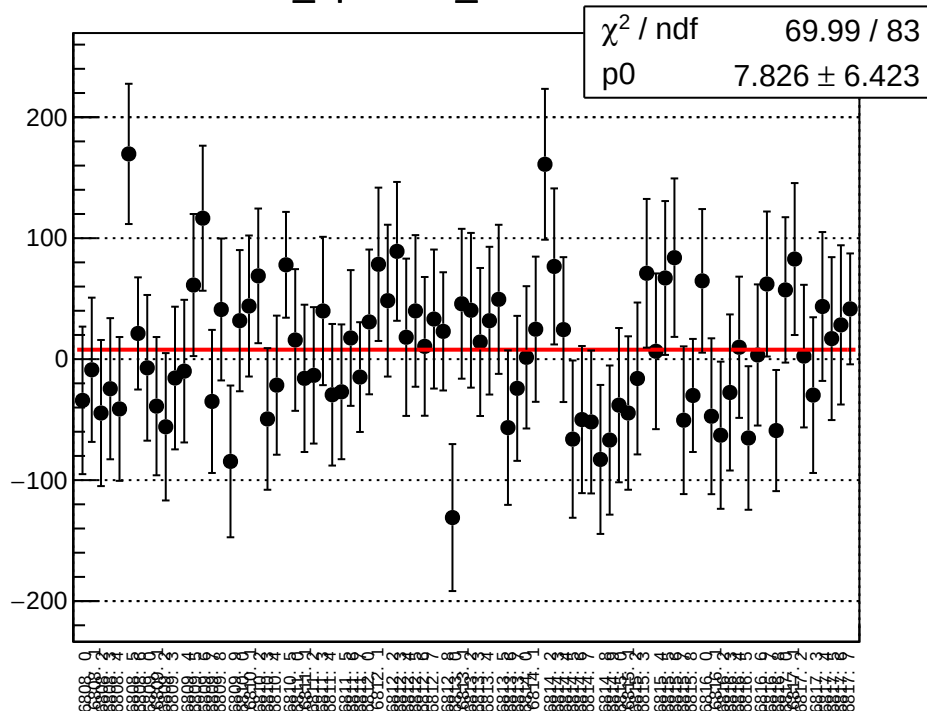
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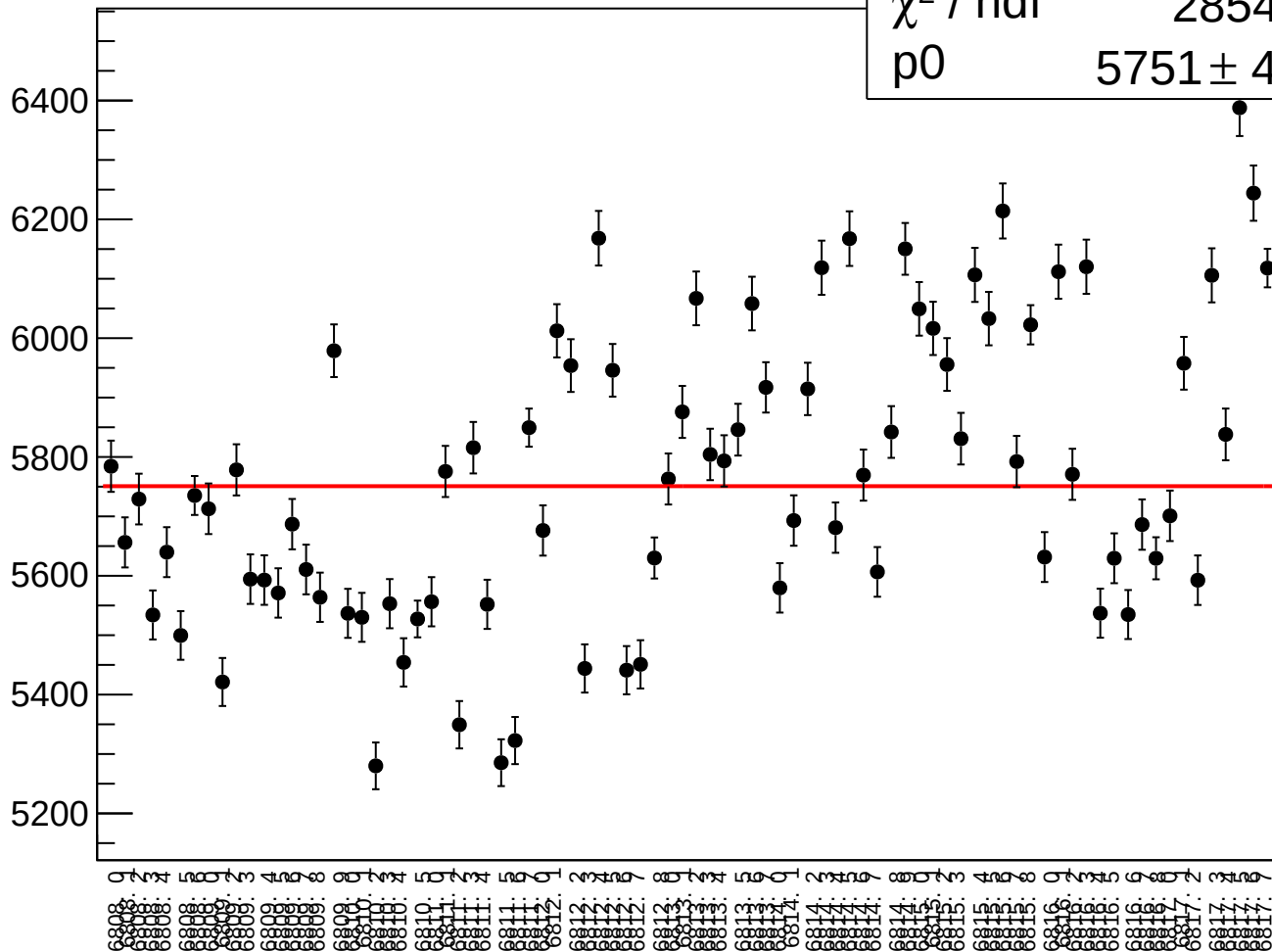


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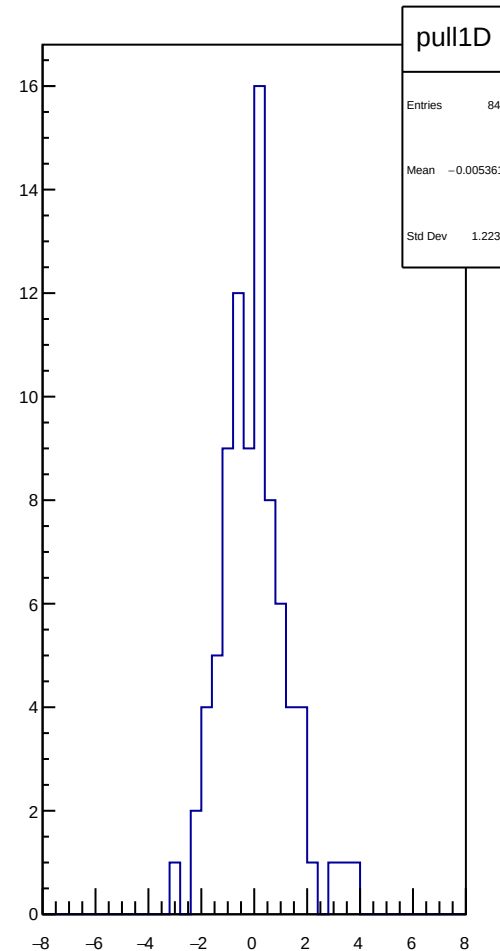
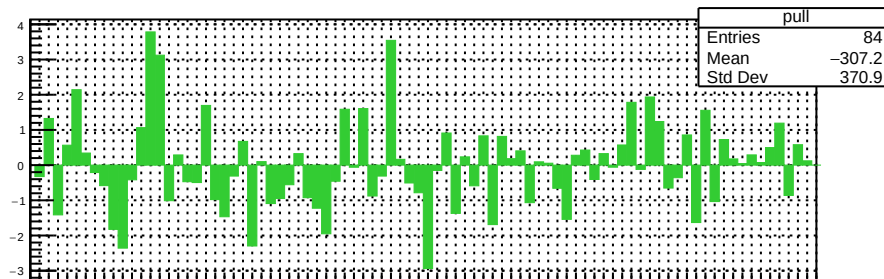
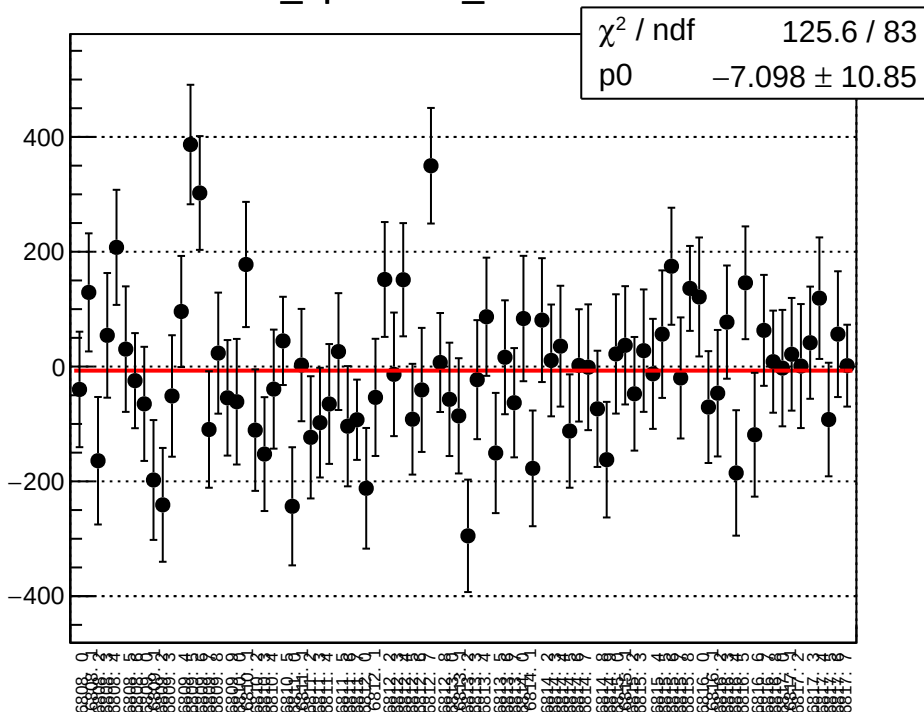


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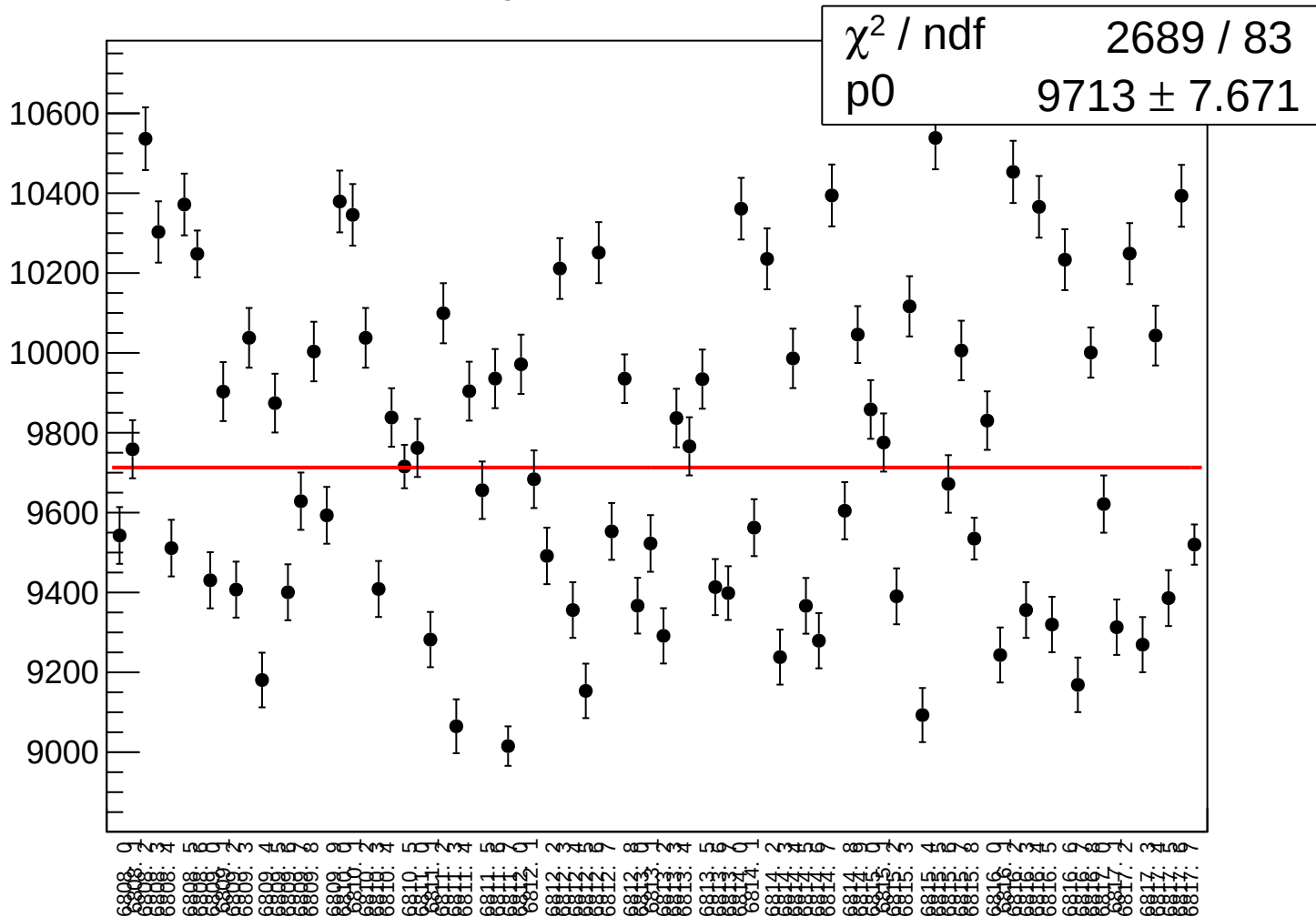


$$5751 \pm 4.542$$


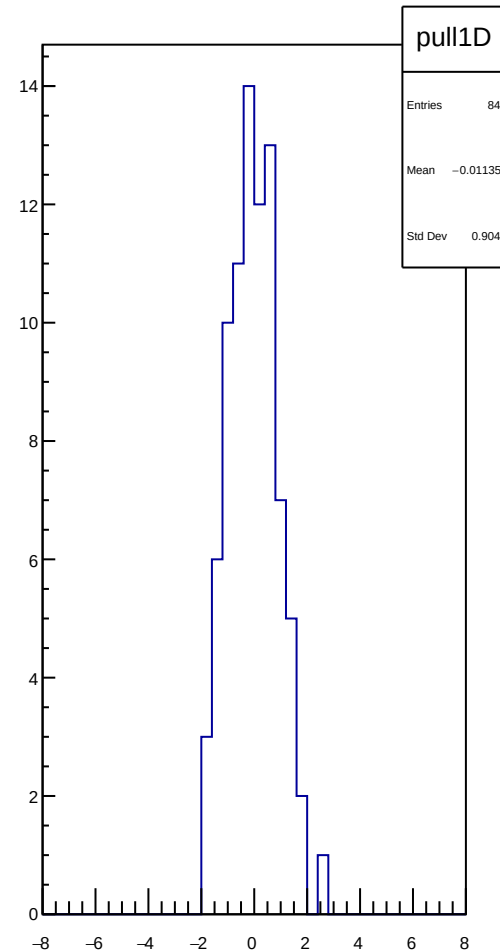
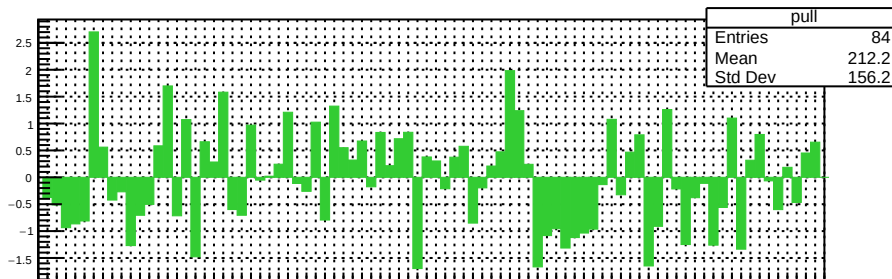
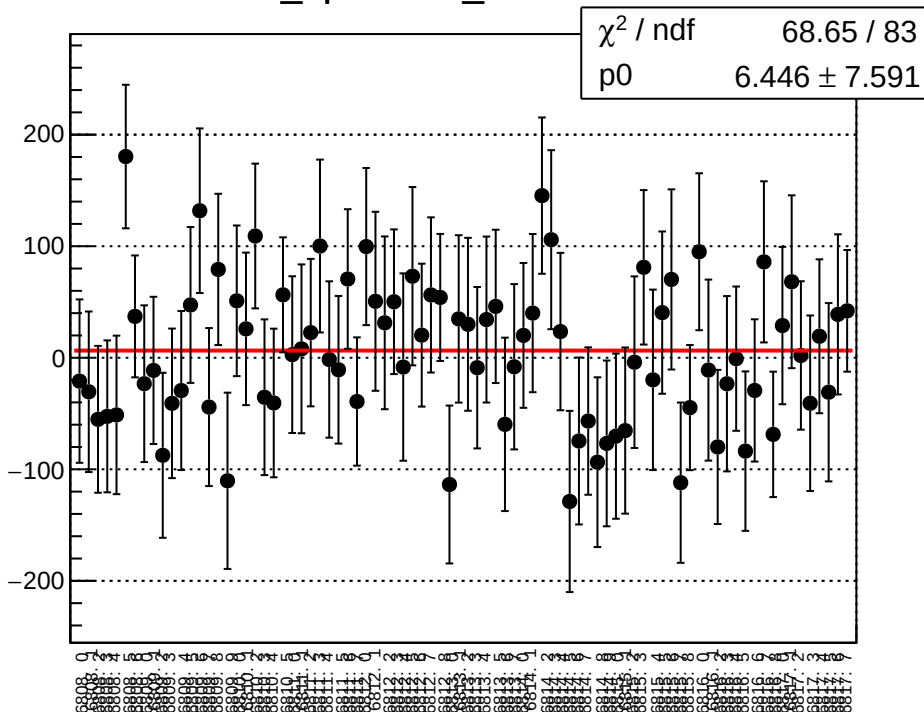
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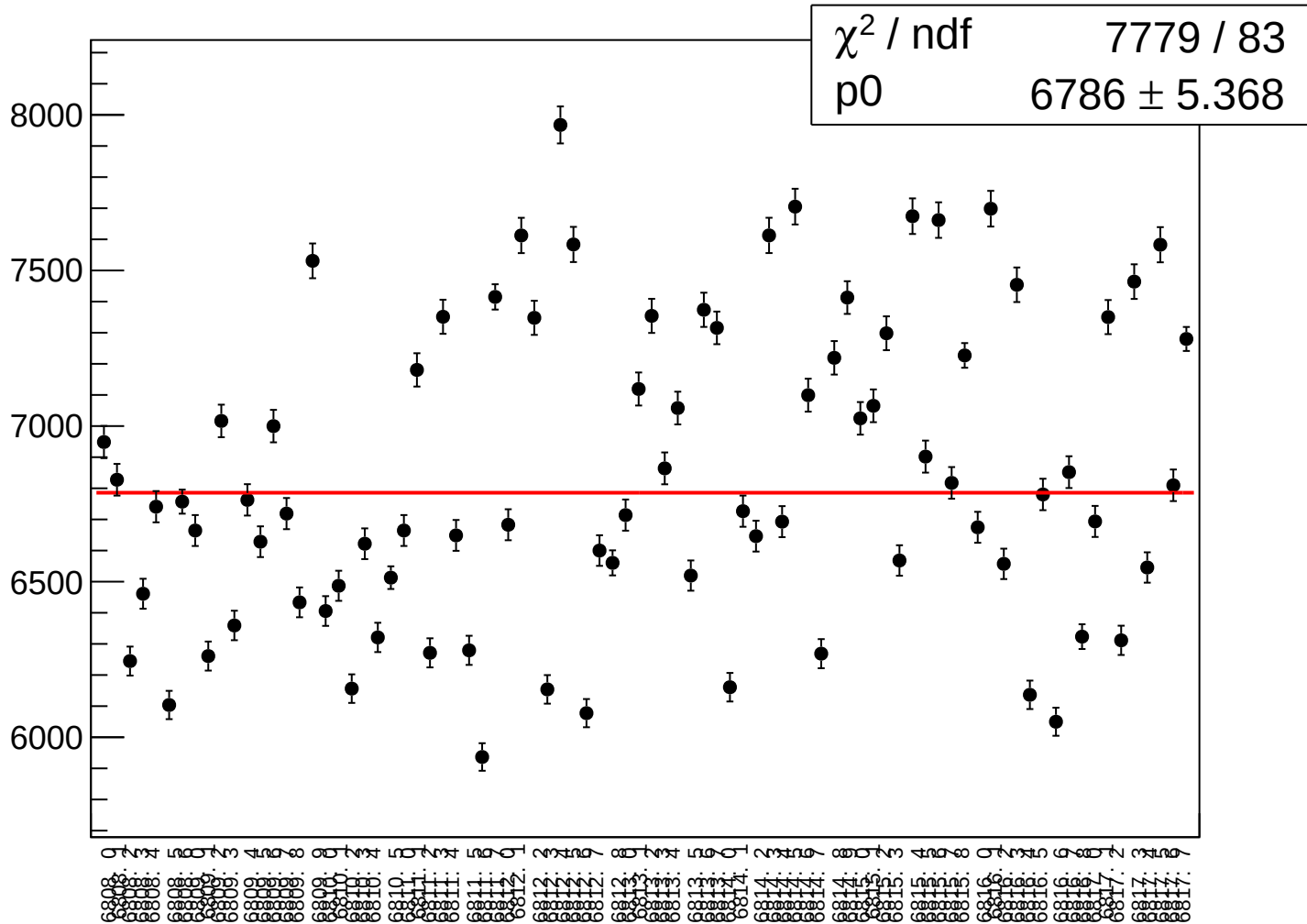
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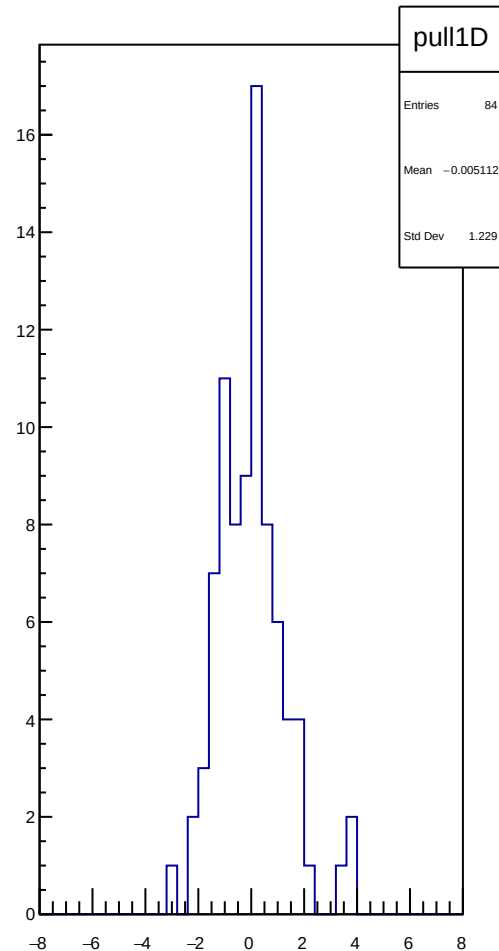
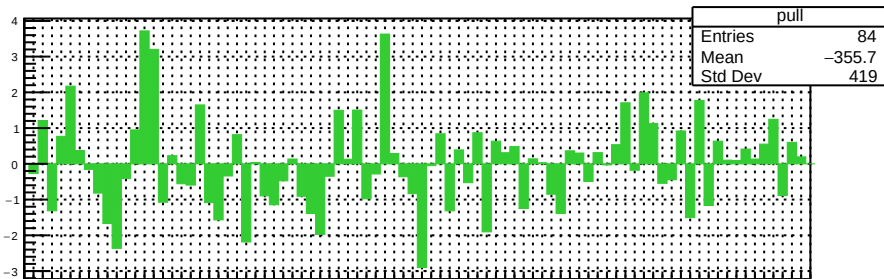
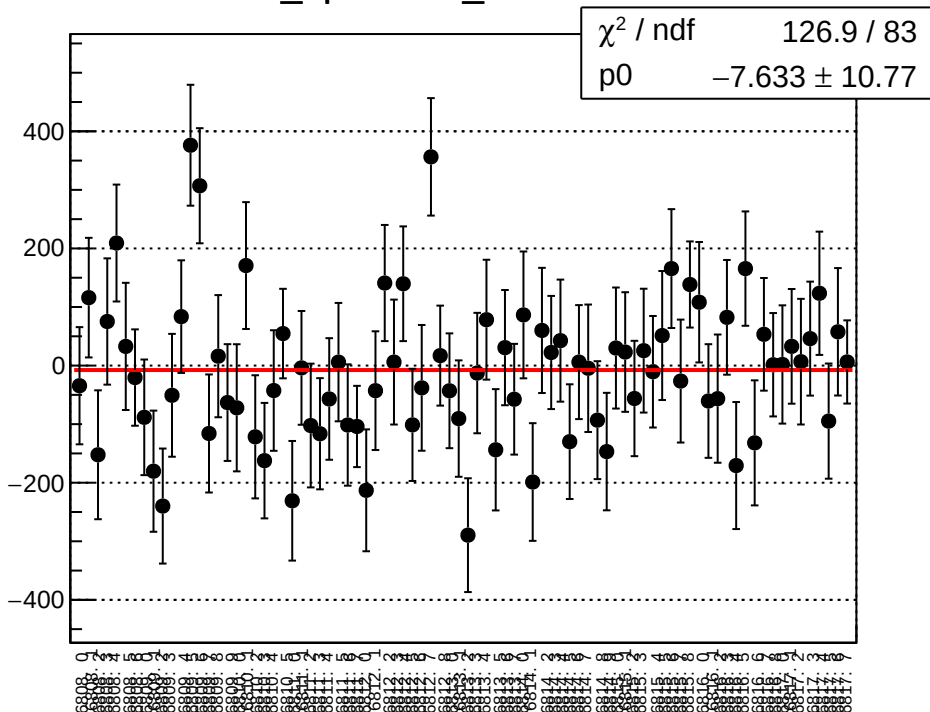
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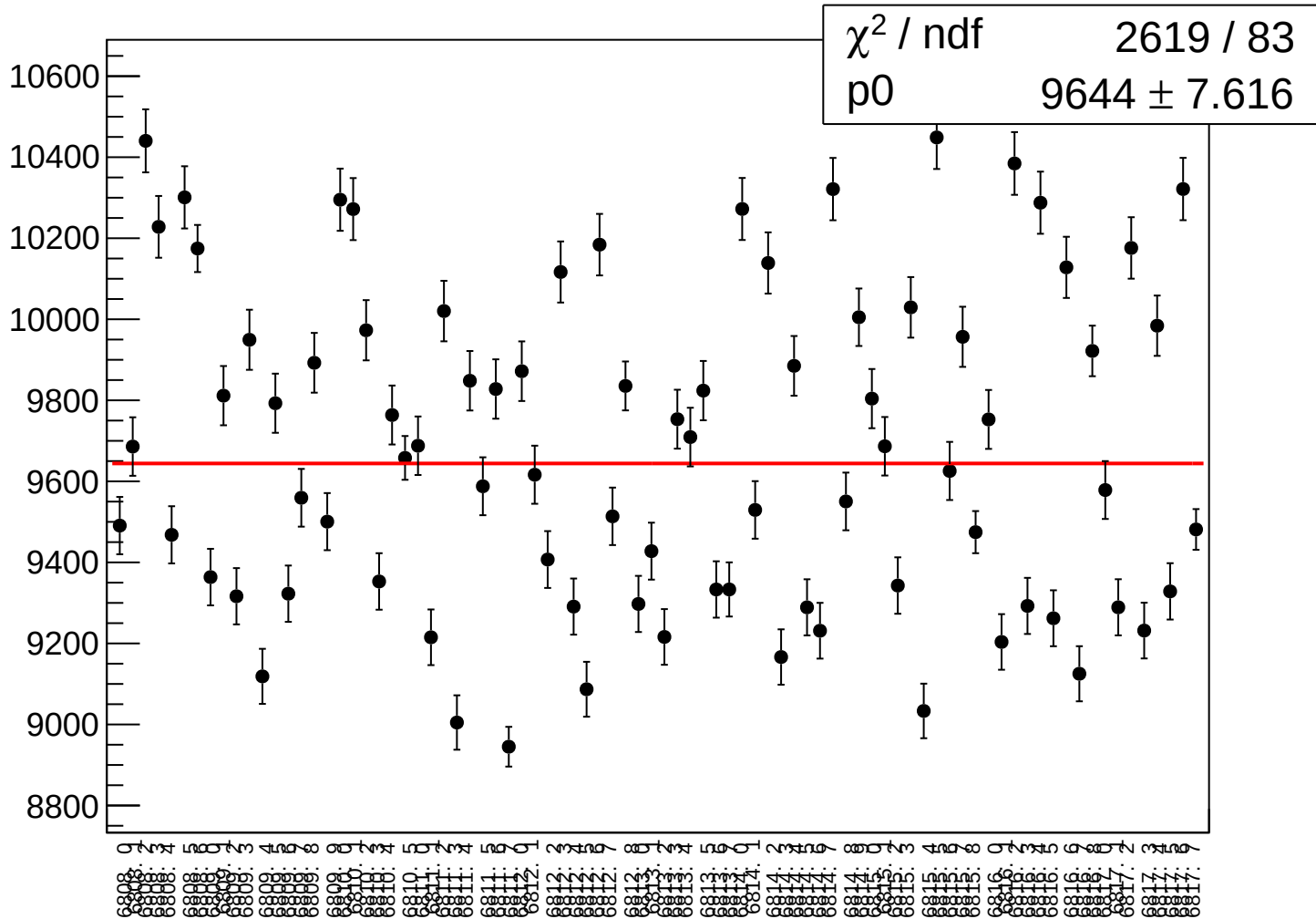
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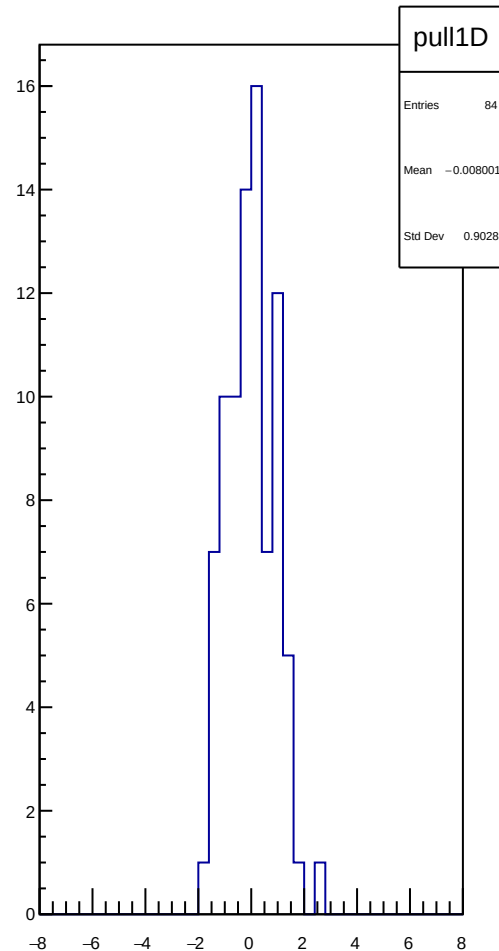
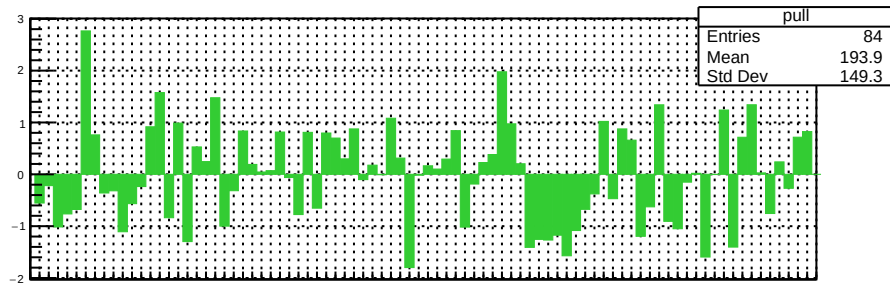
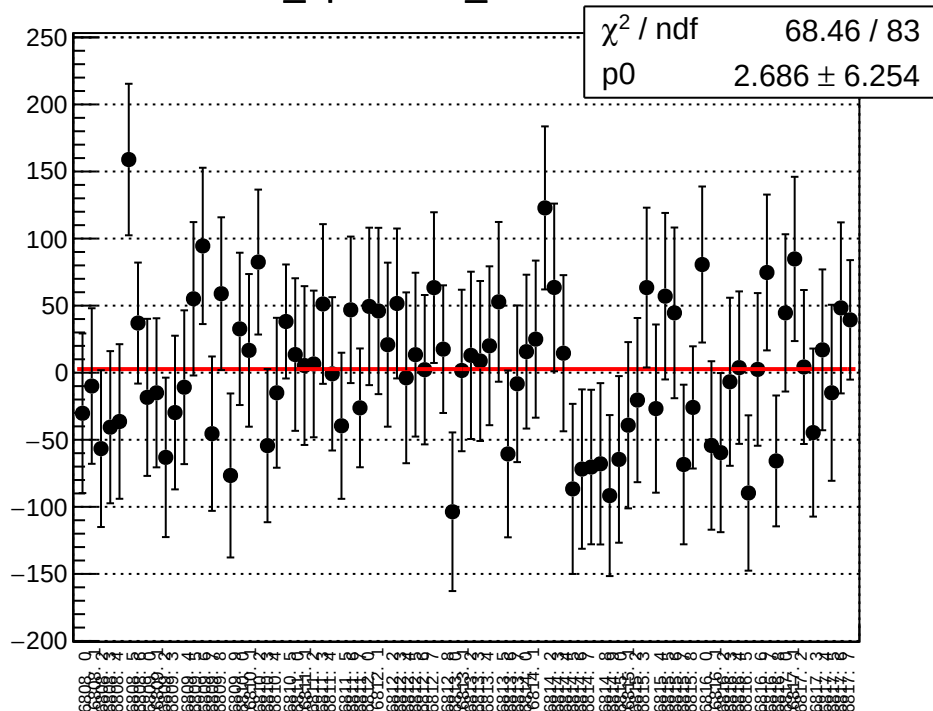
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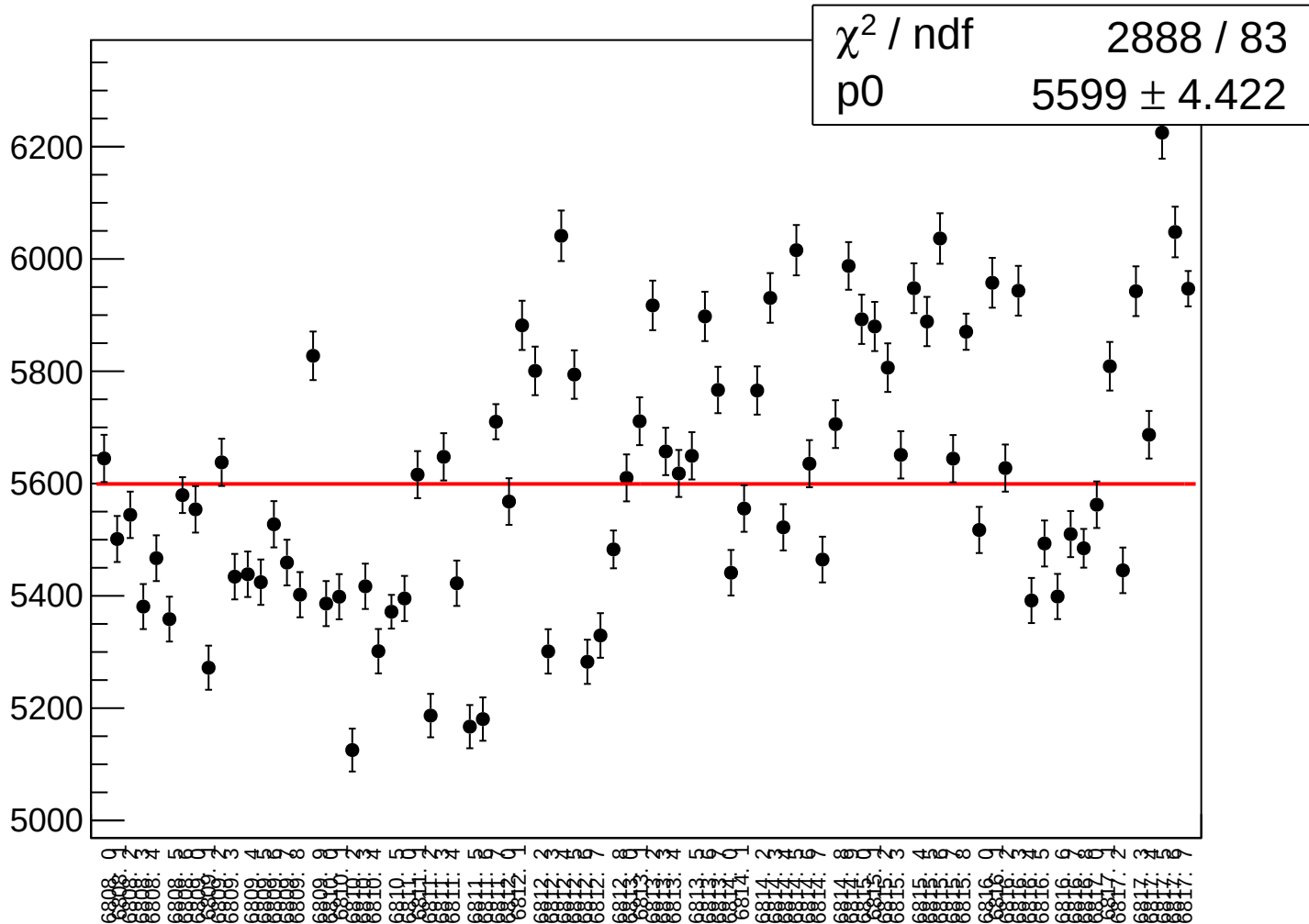
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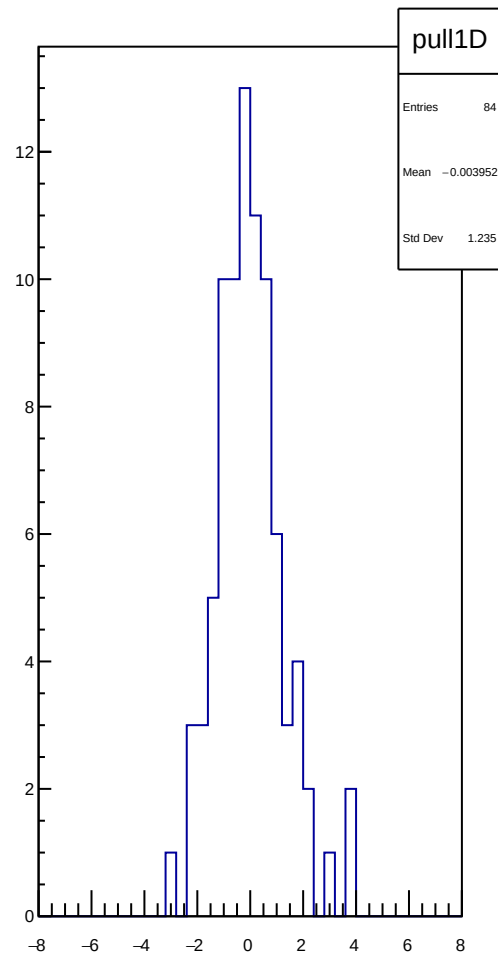
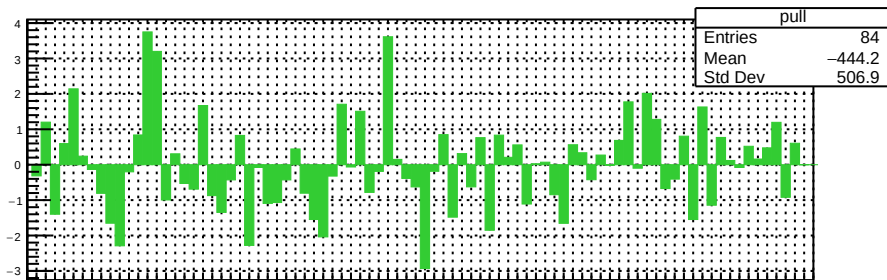
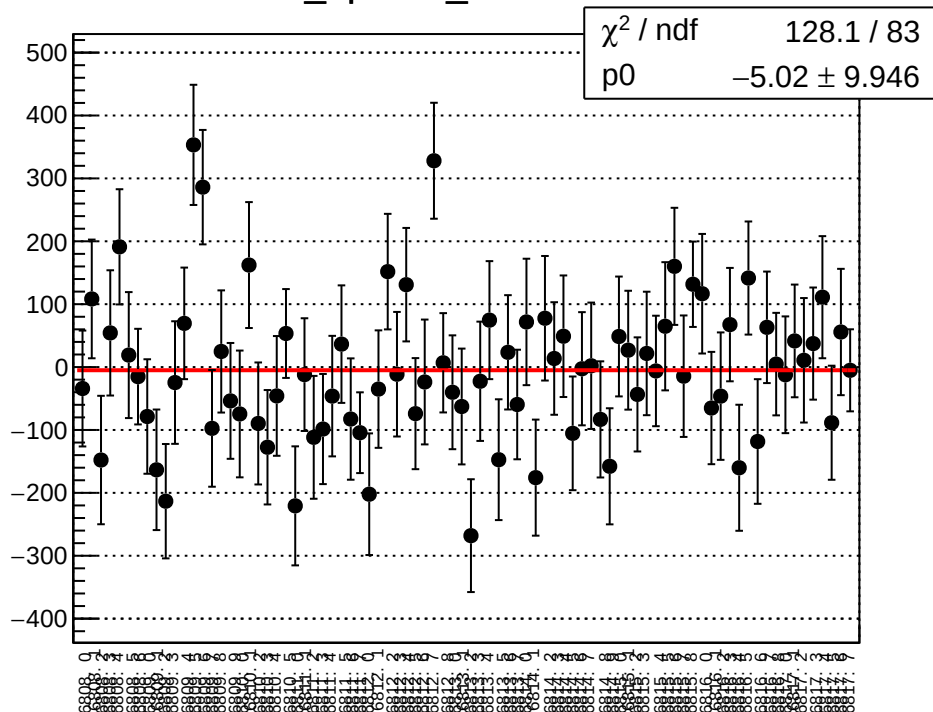
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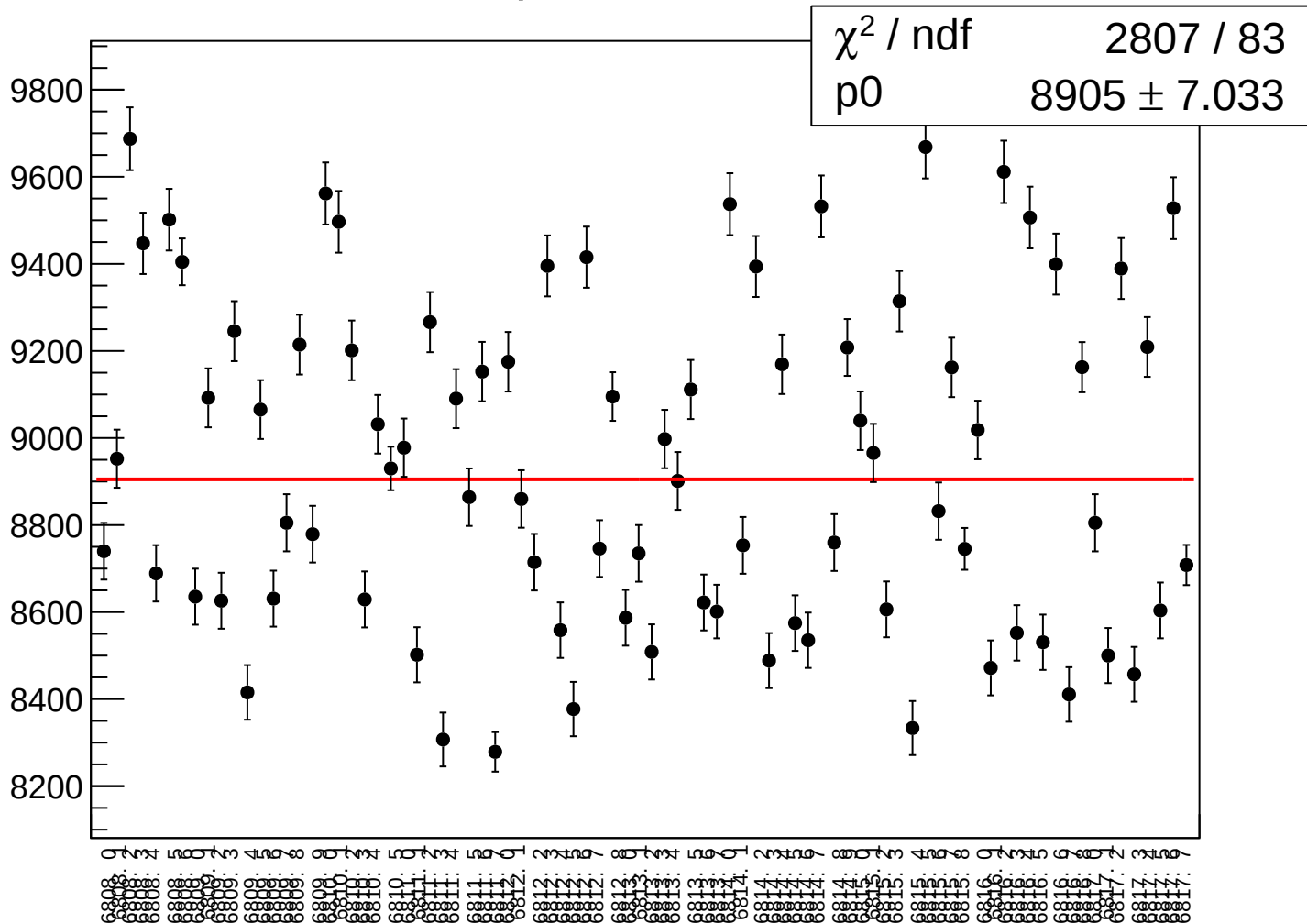
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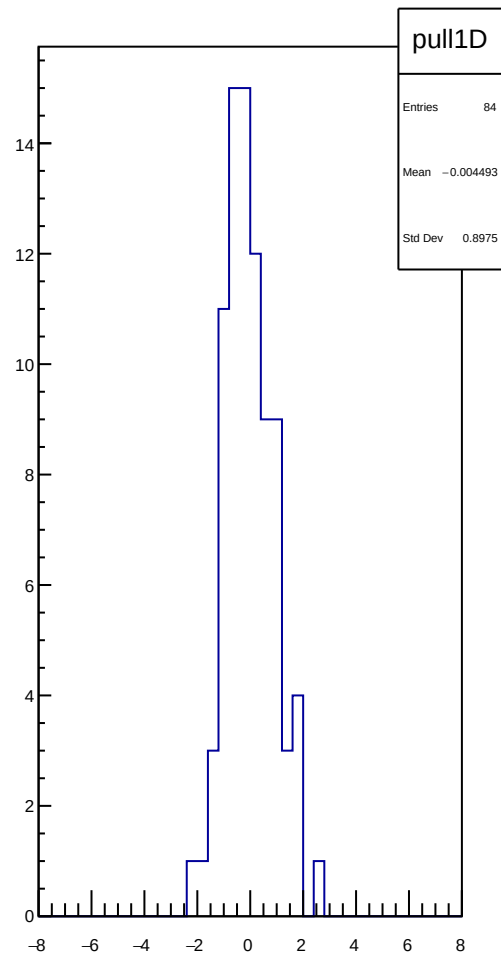
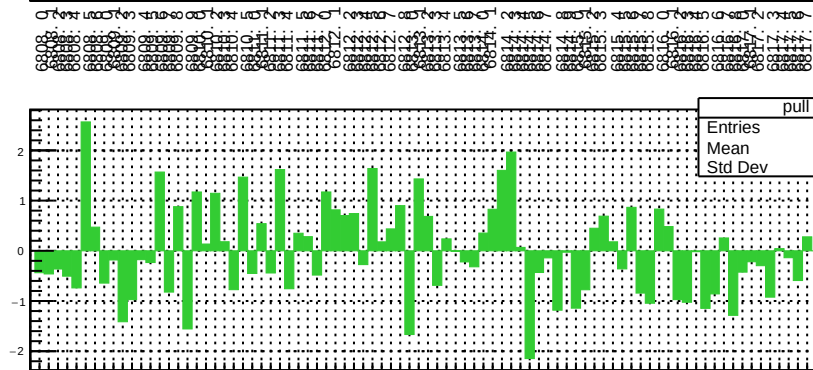
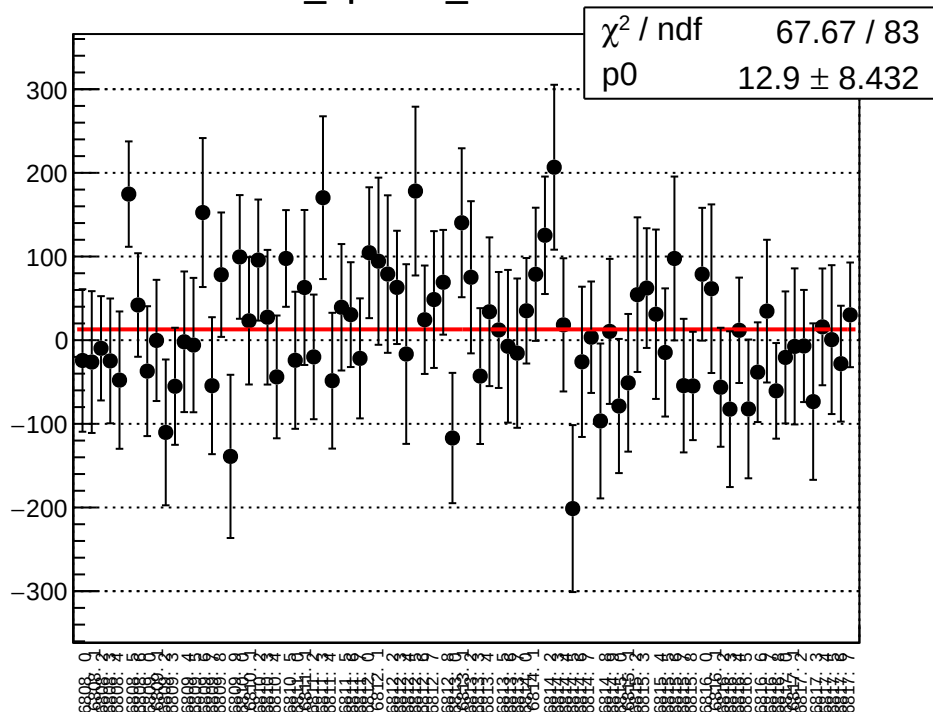
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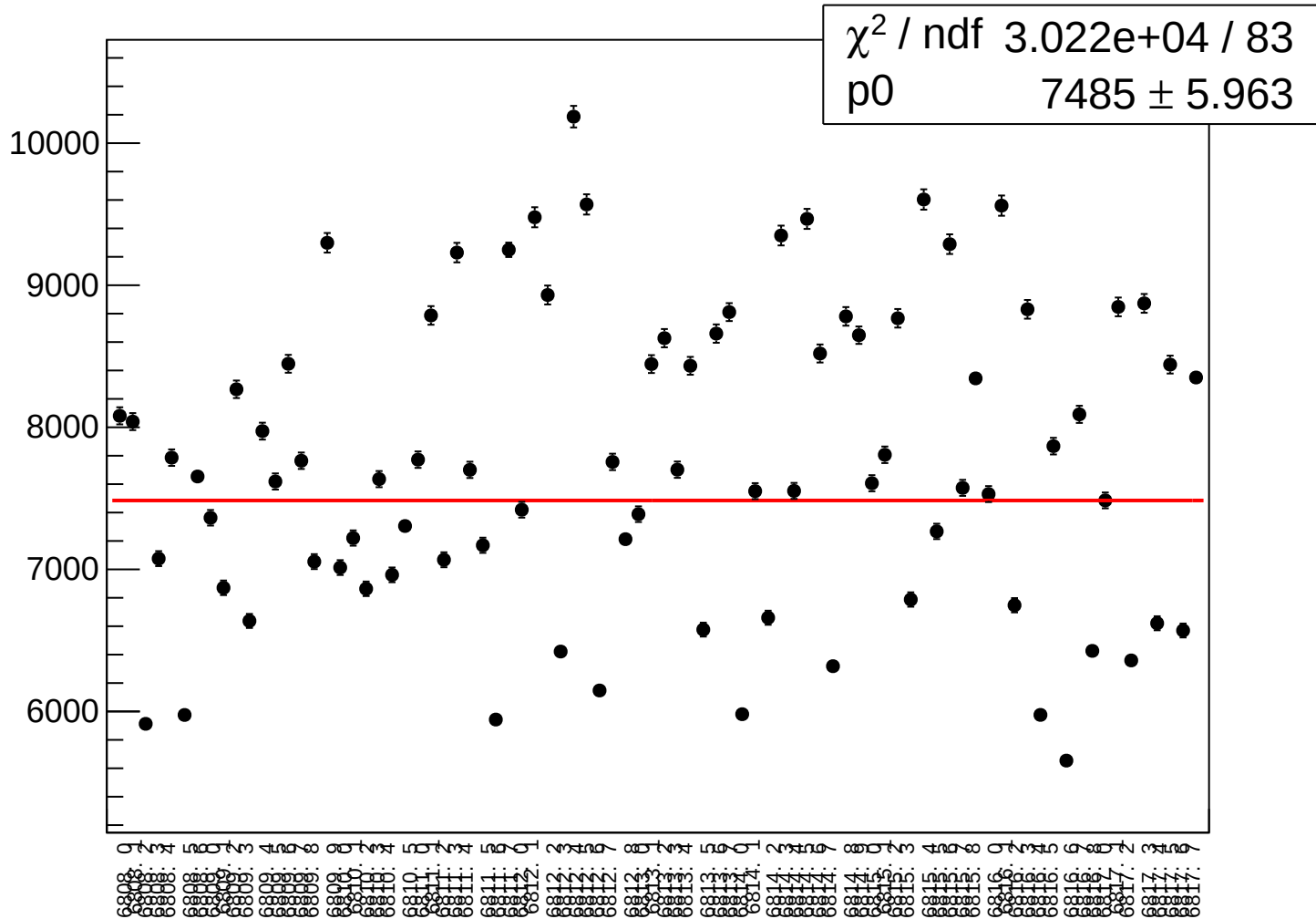
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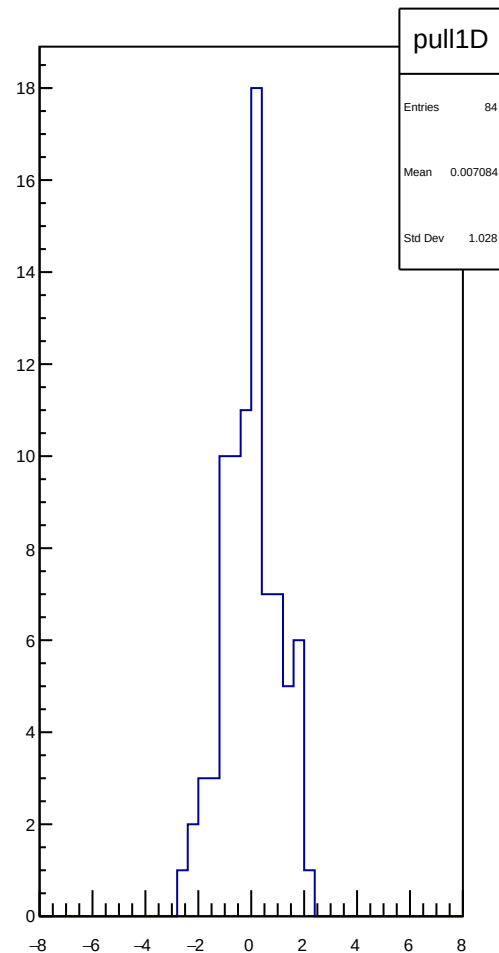
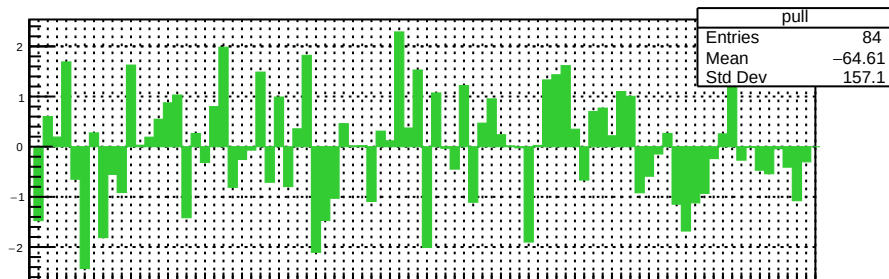
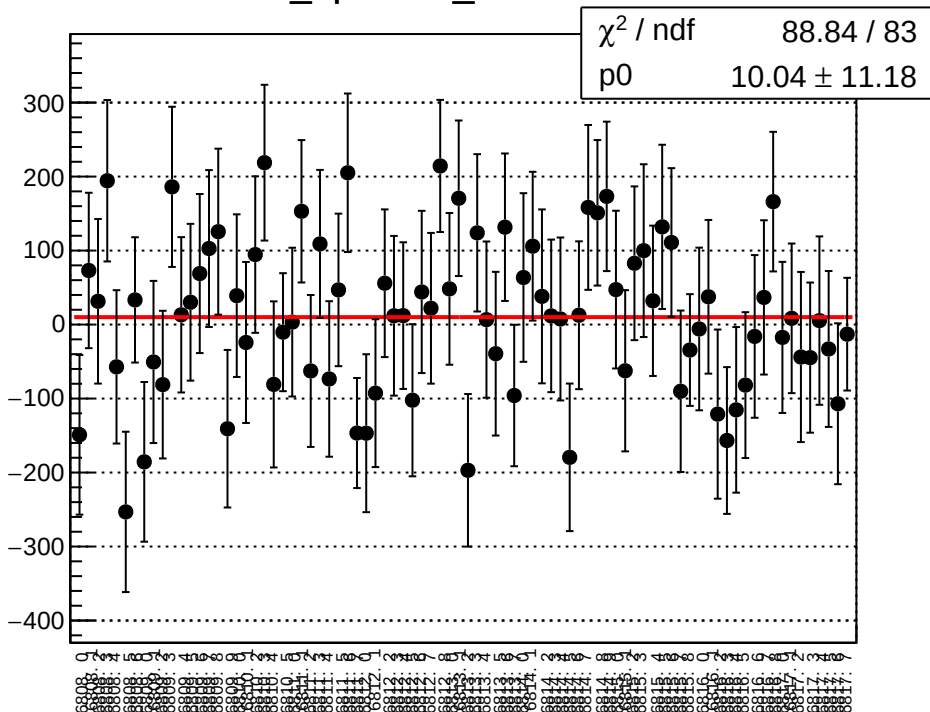
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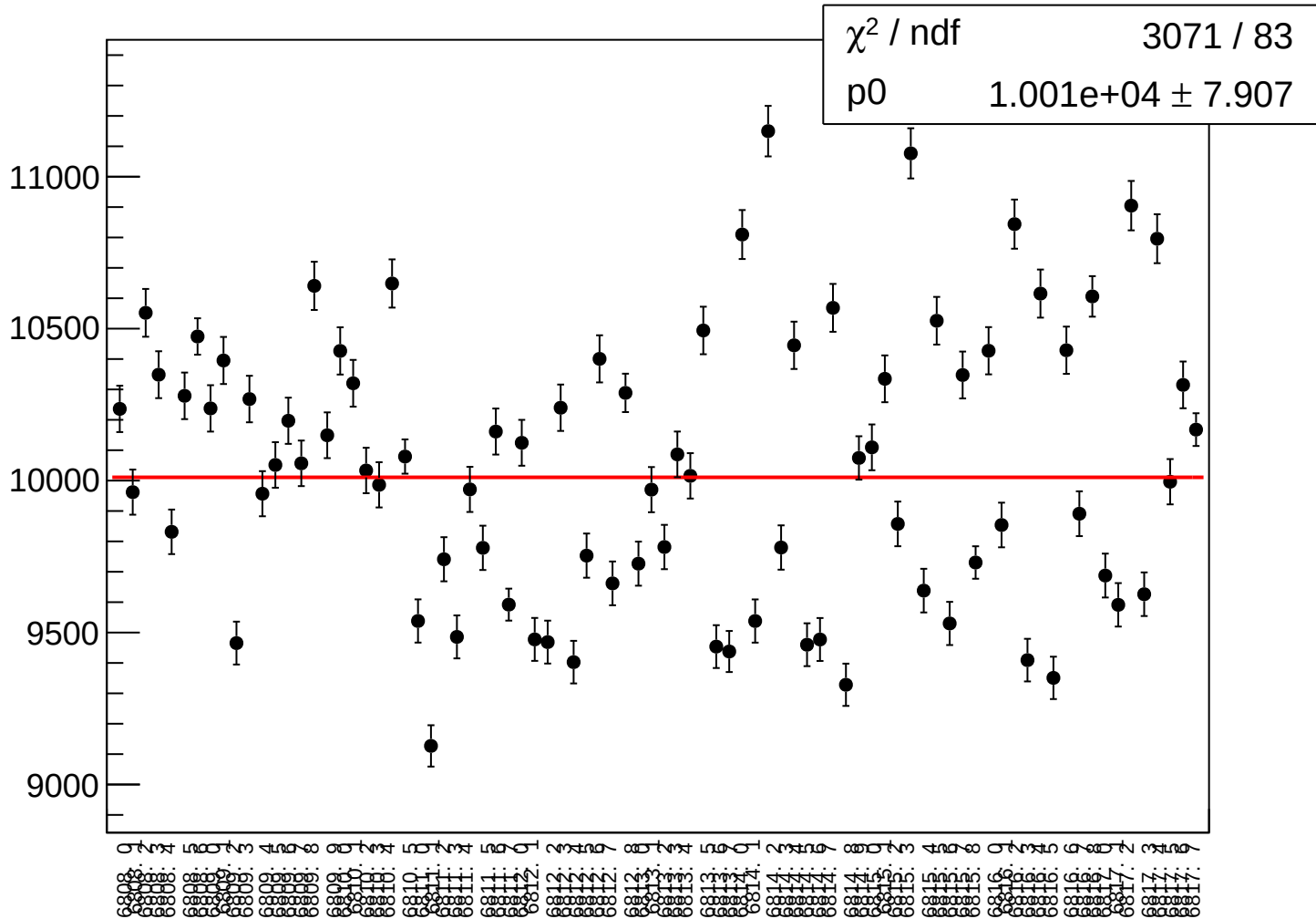
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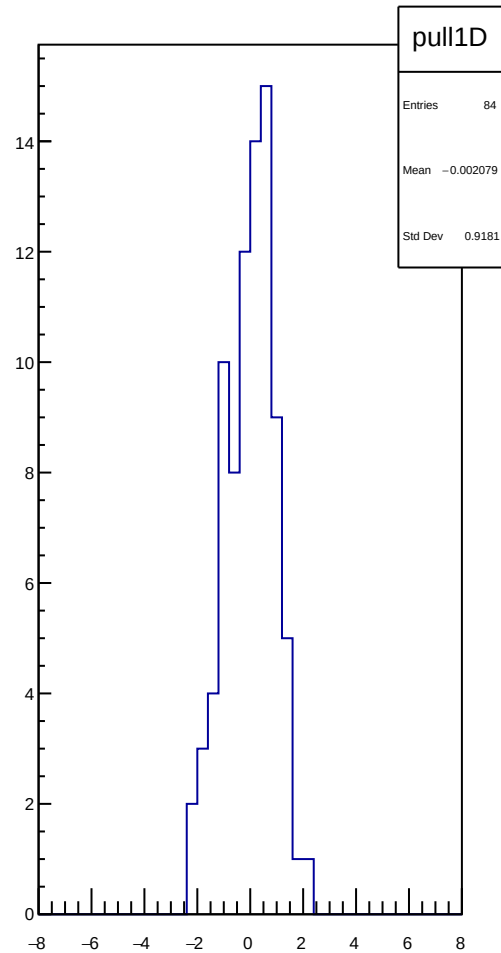
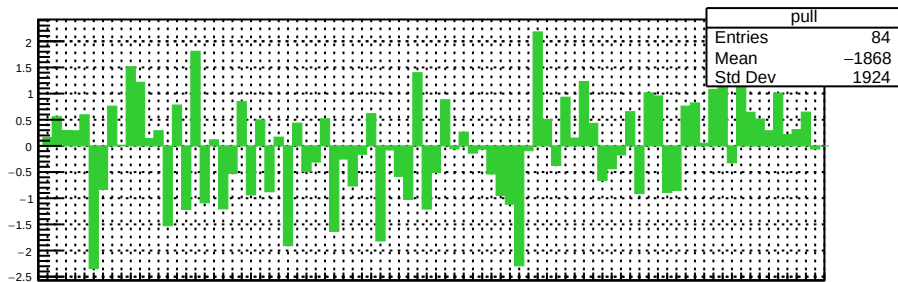
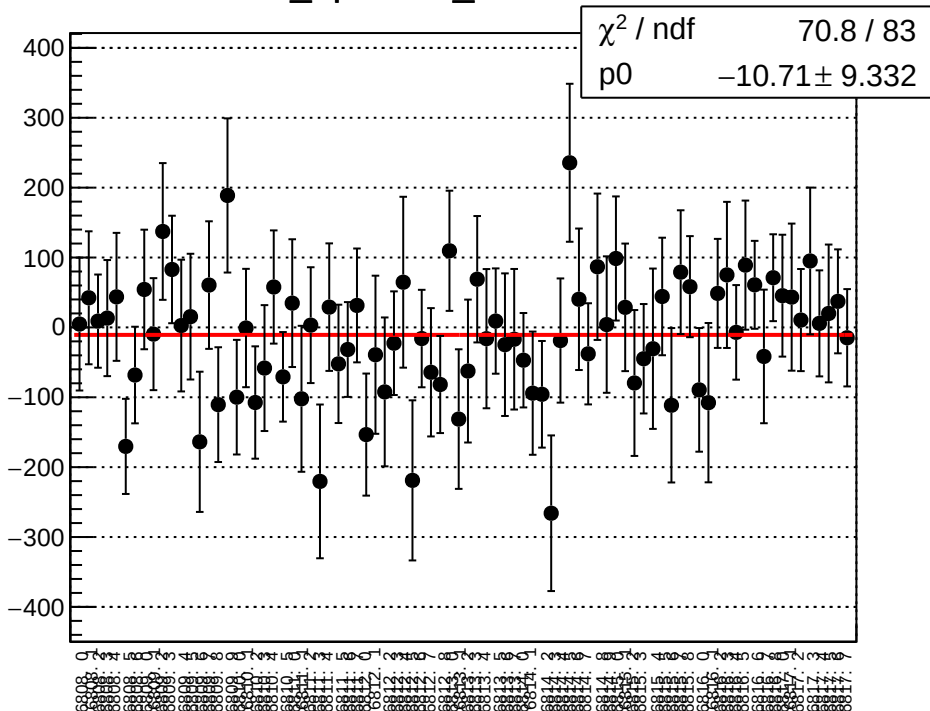
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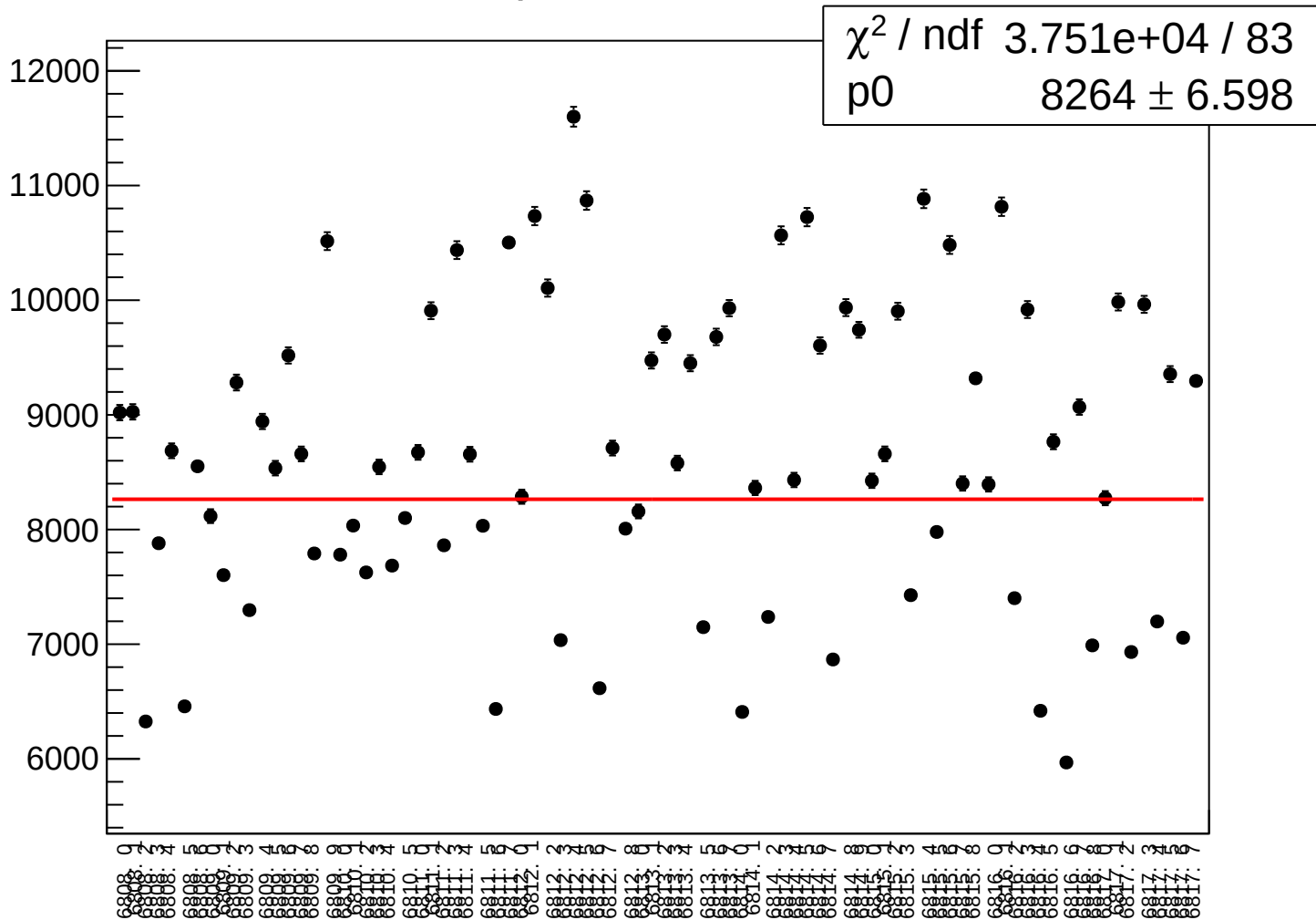
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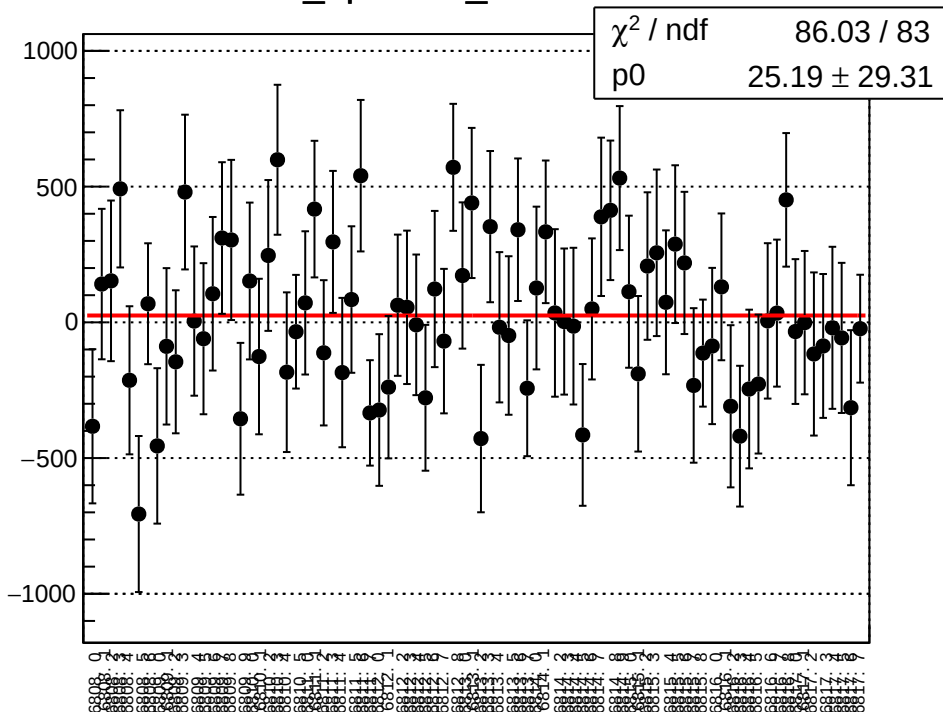
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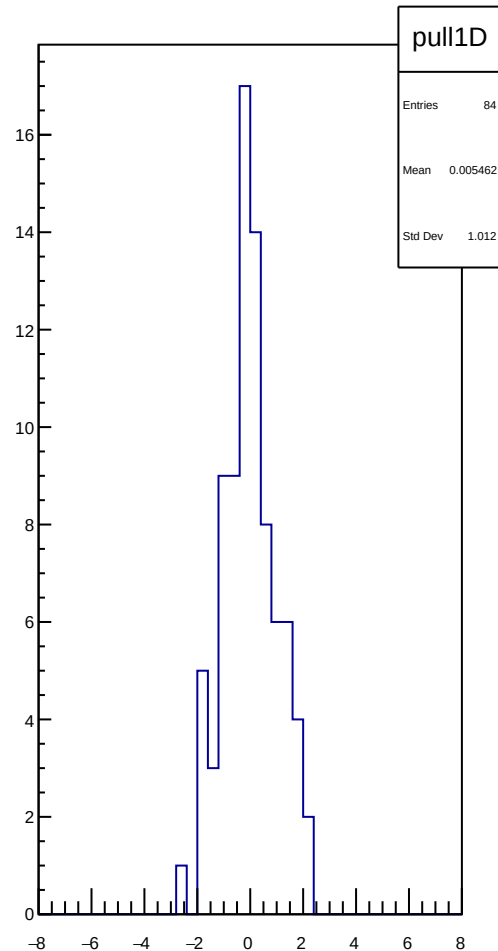
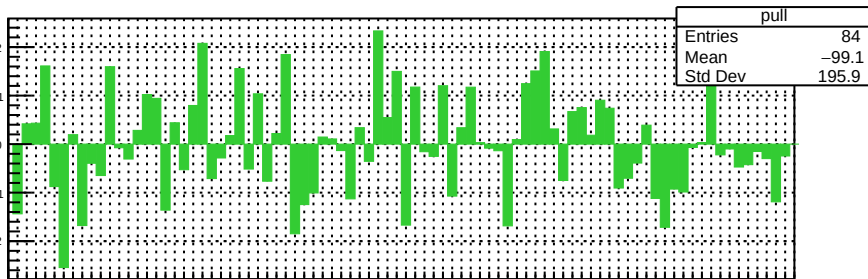
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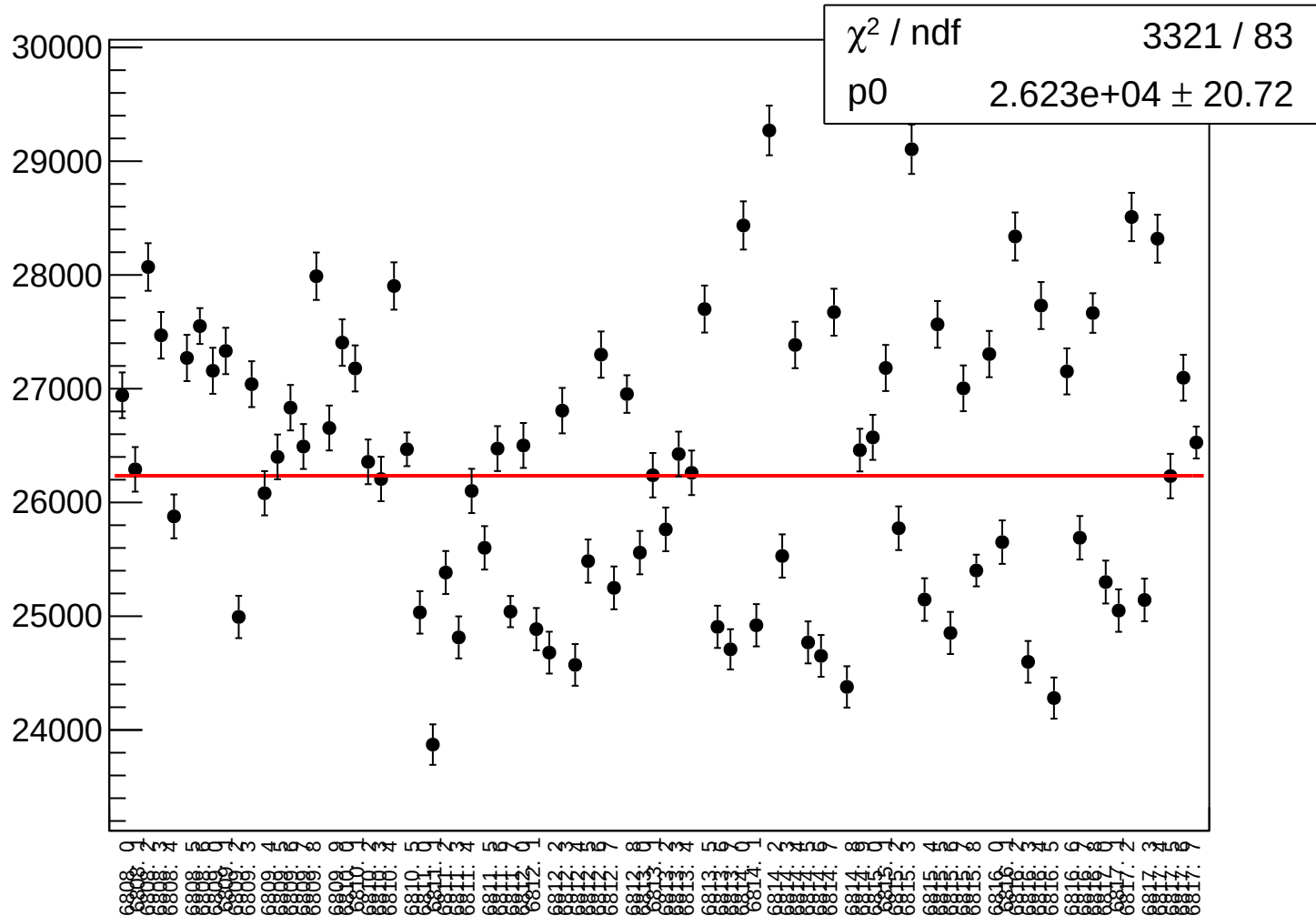
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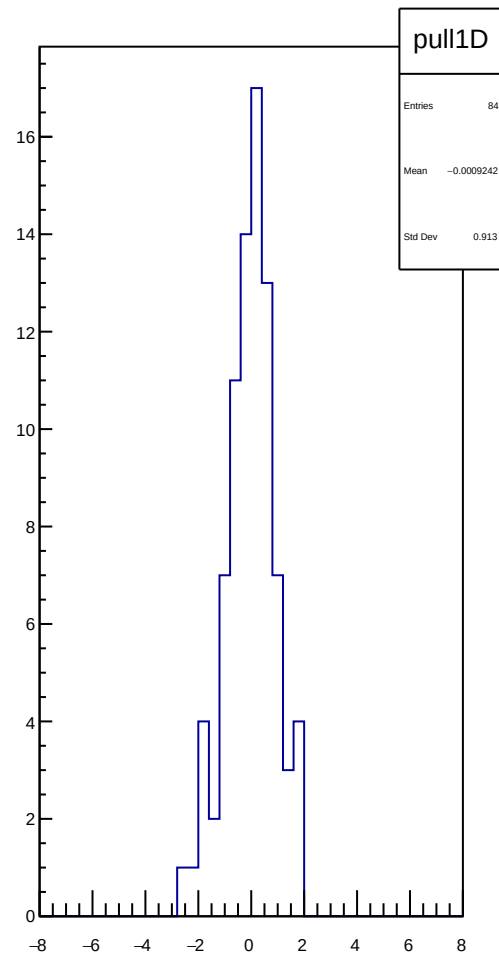
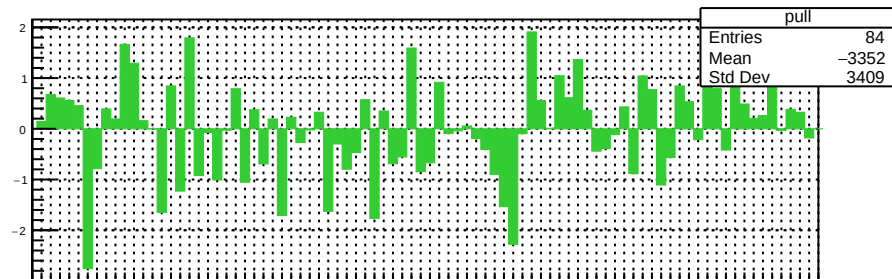
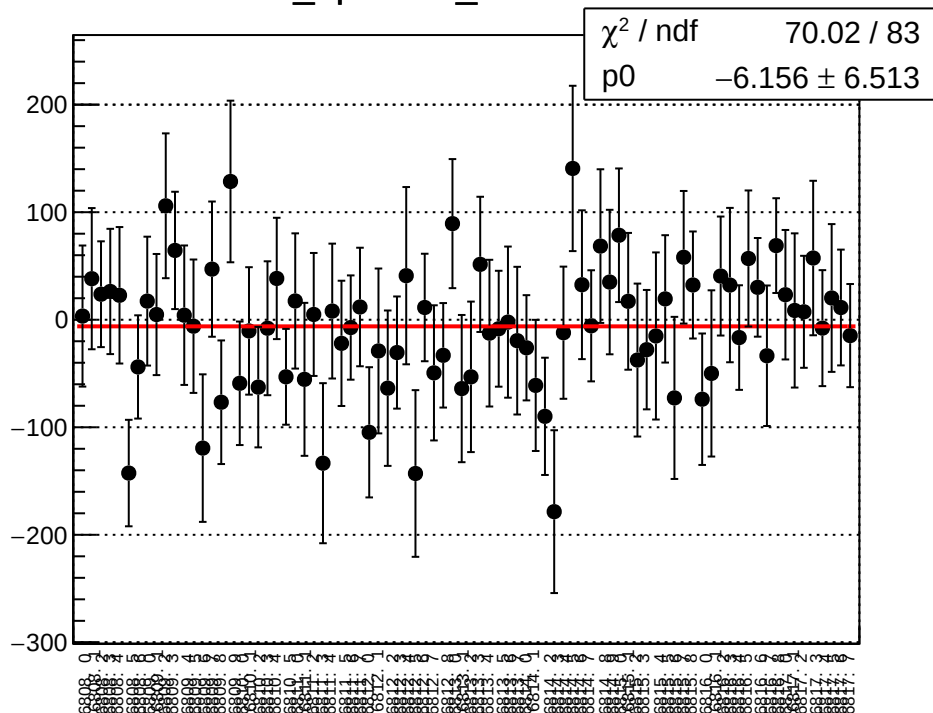
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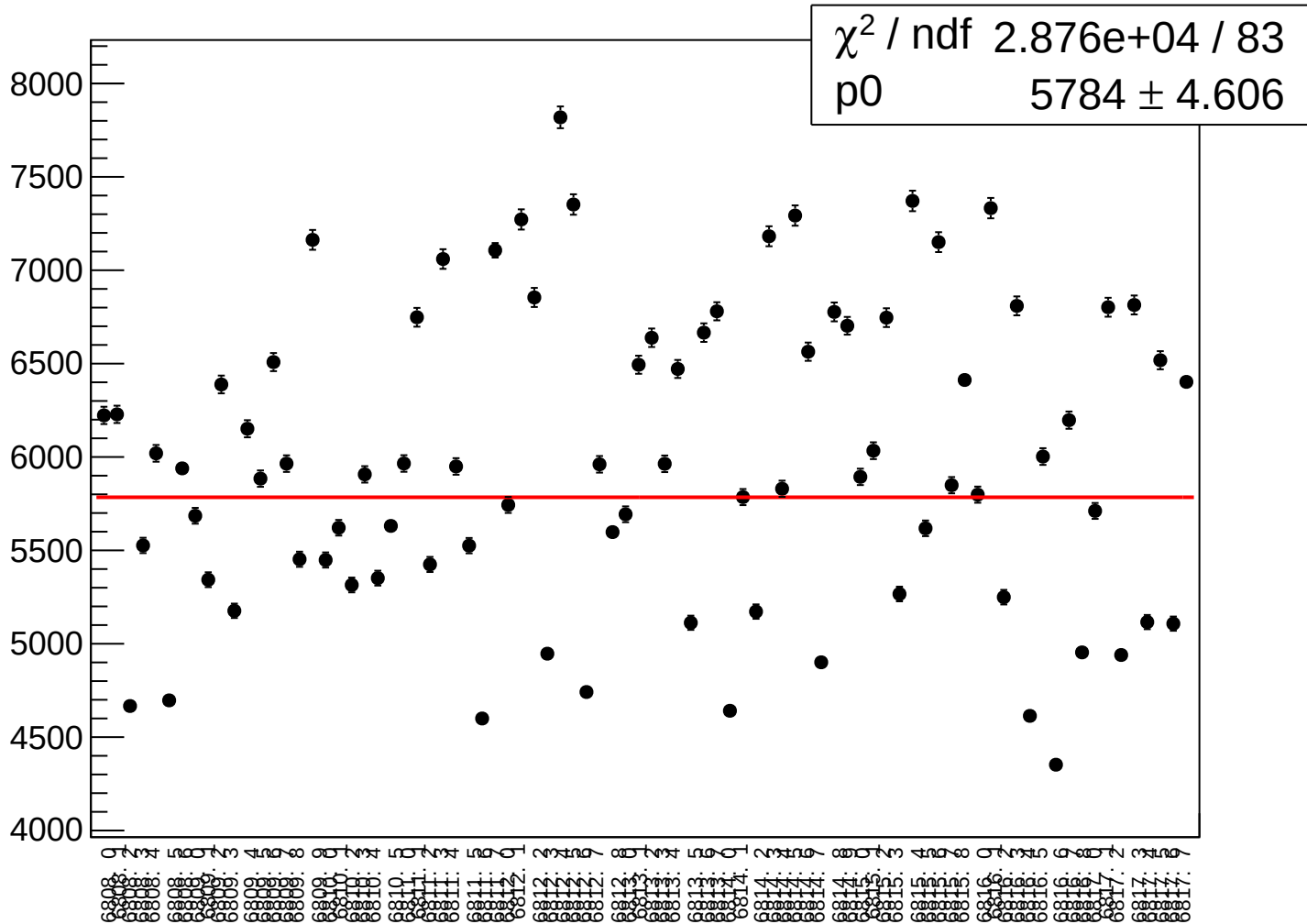
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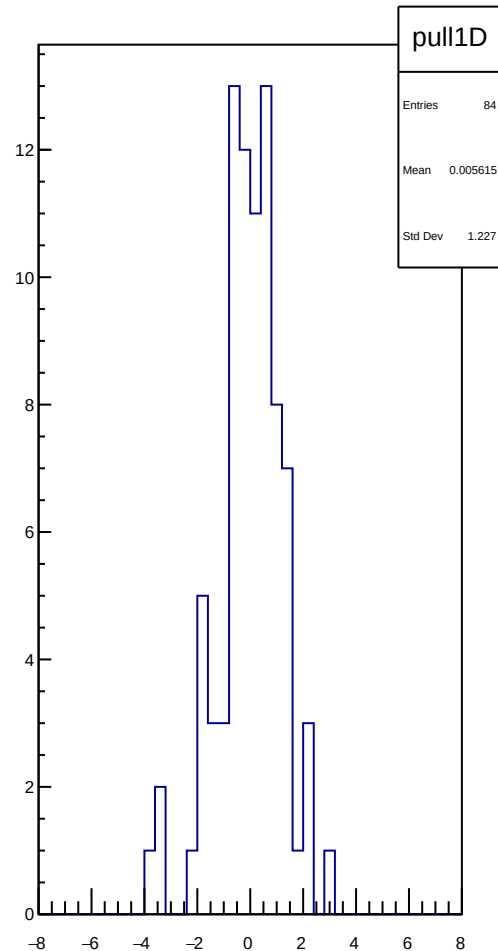
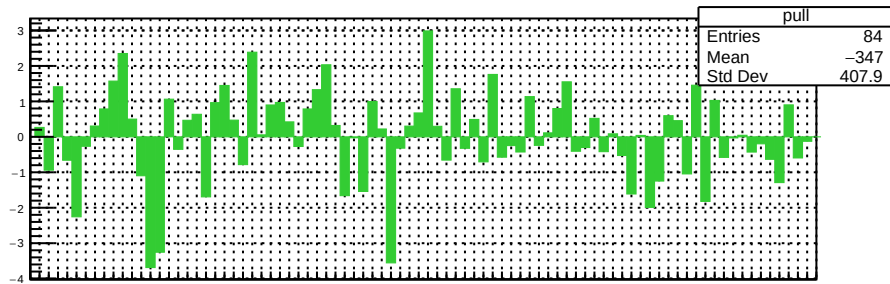
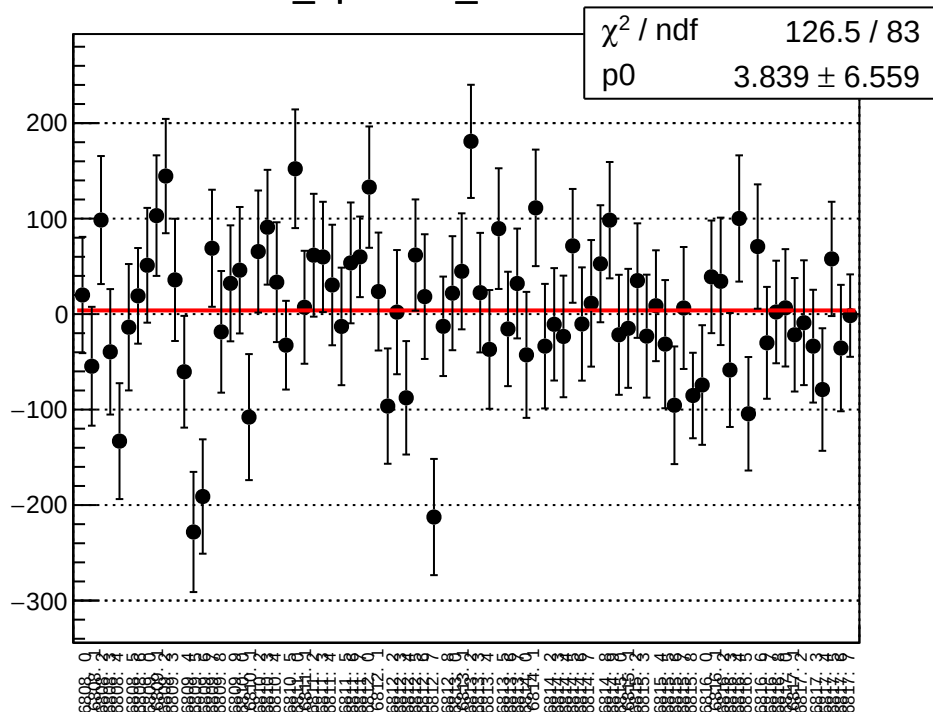
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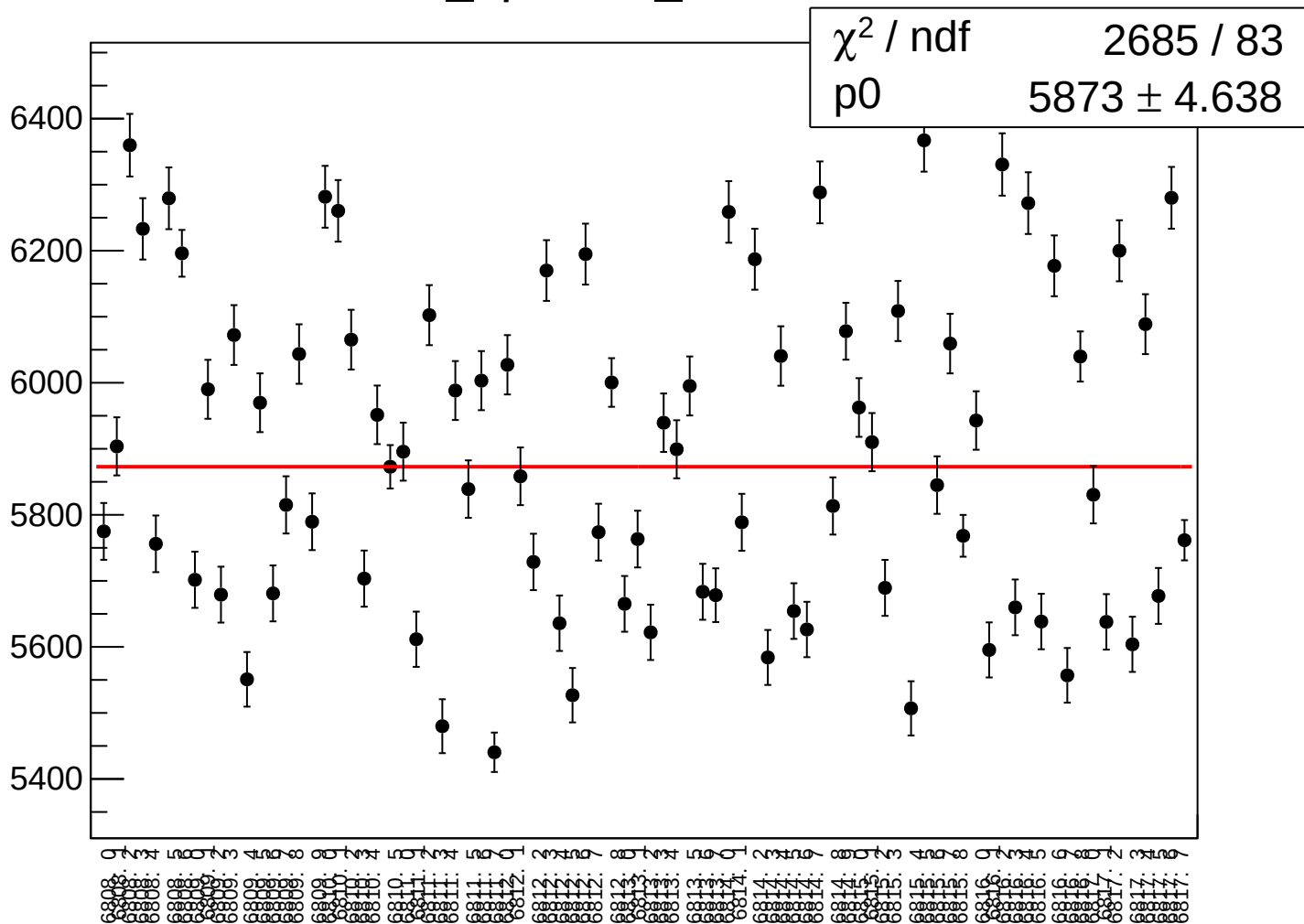
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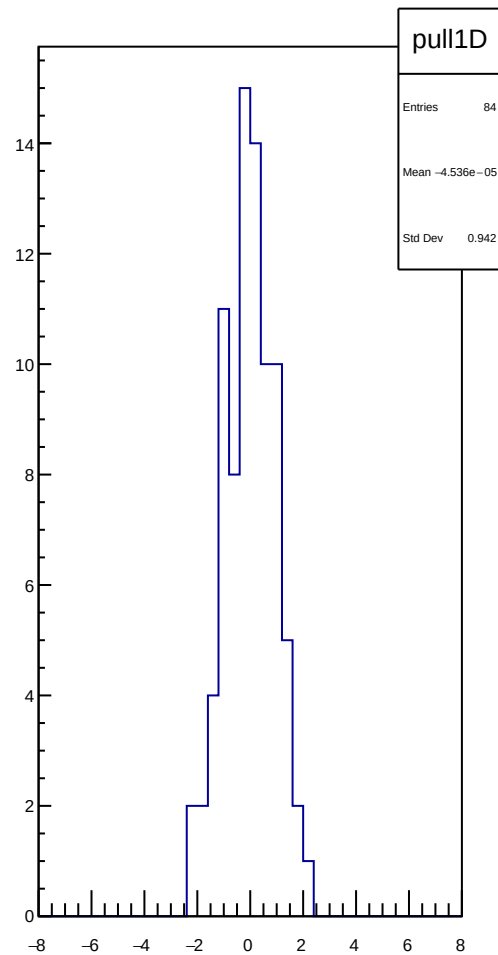
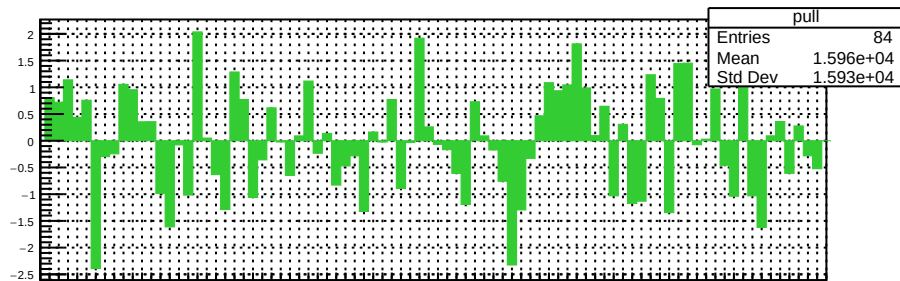
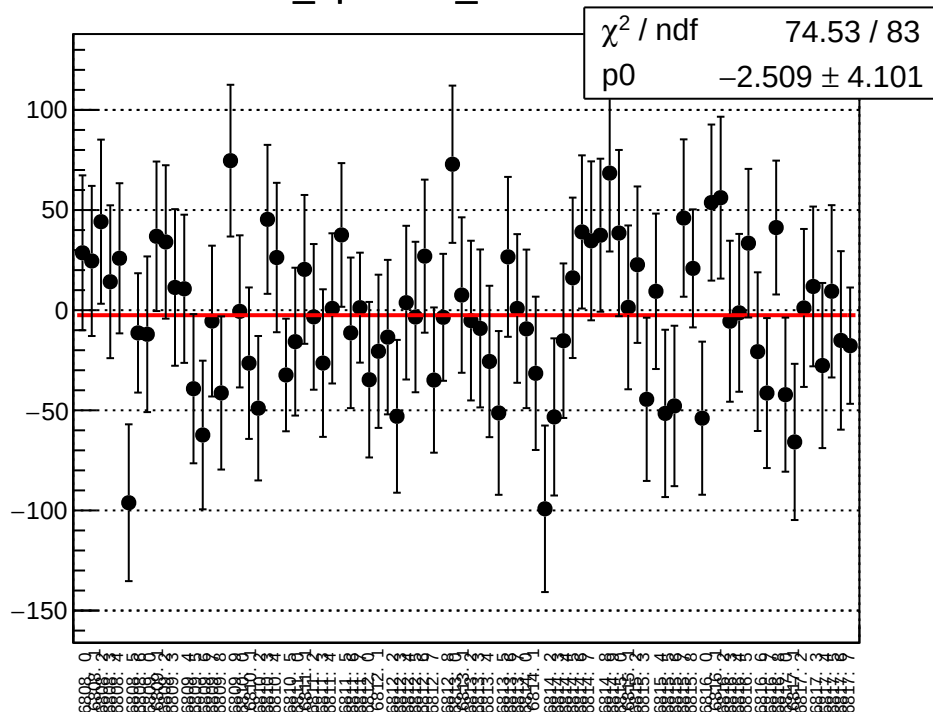
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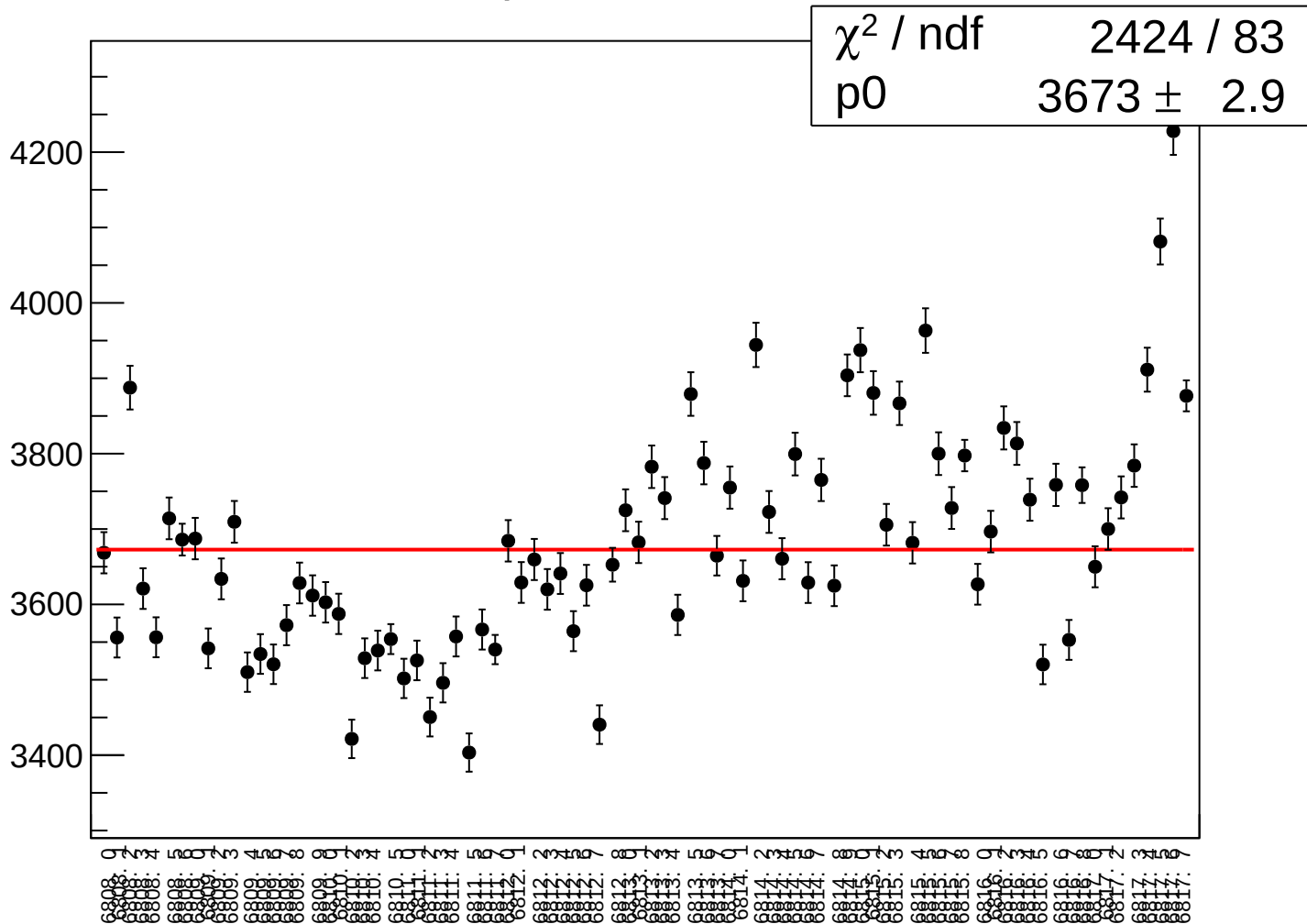
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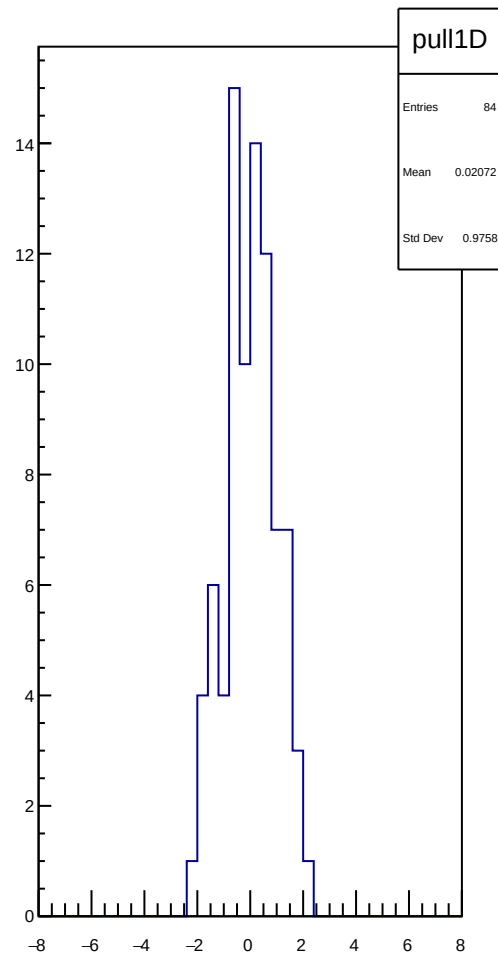
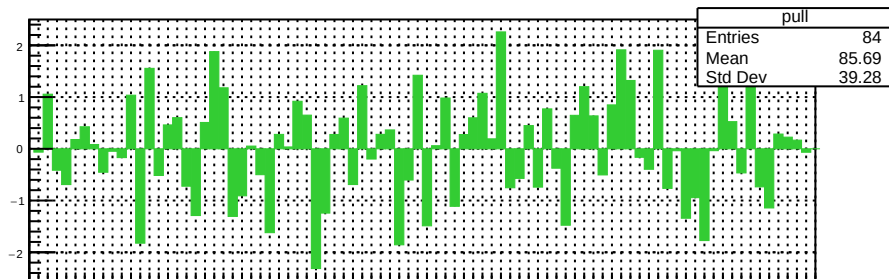
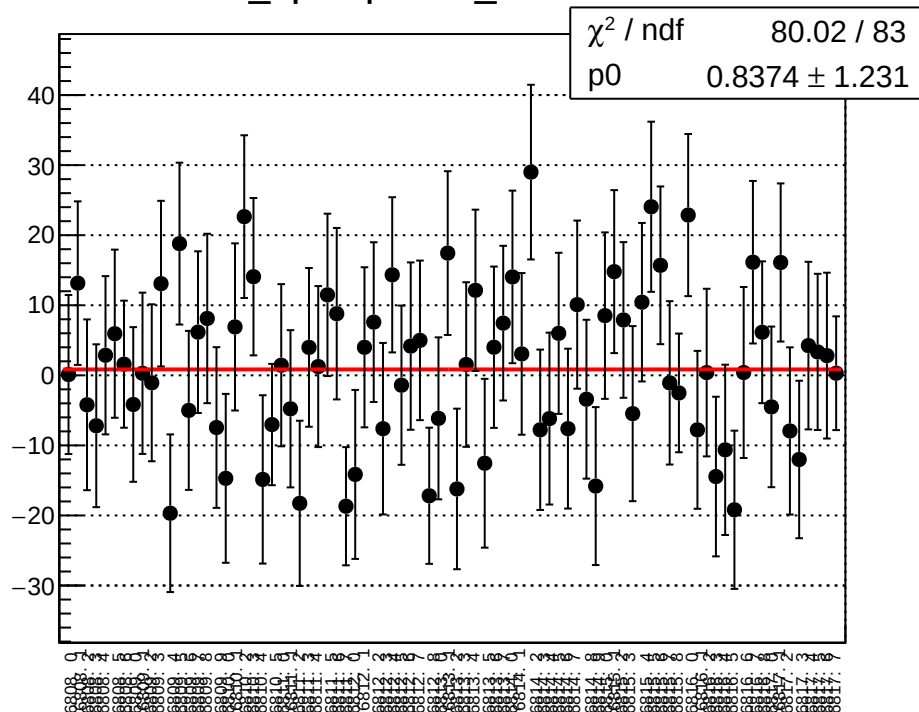
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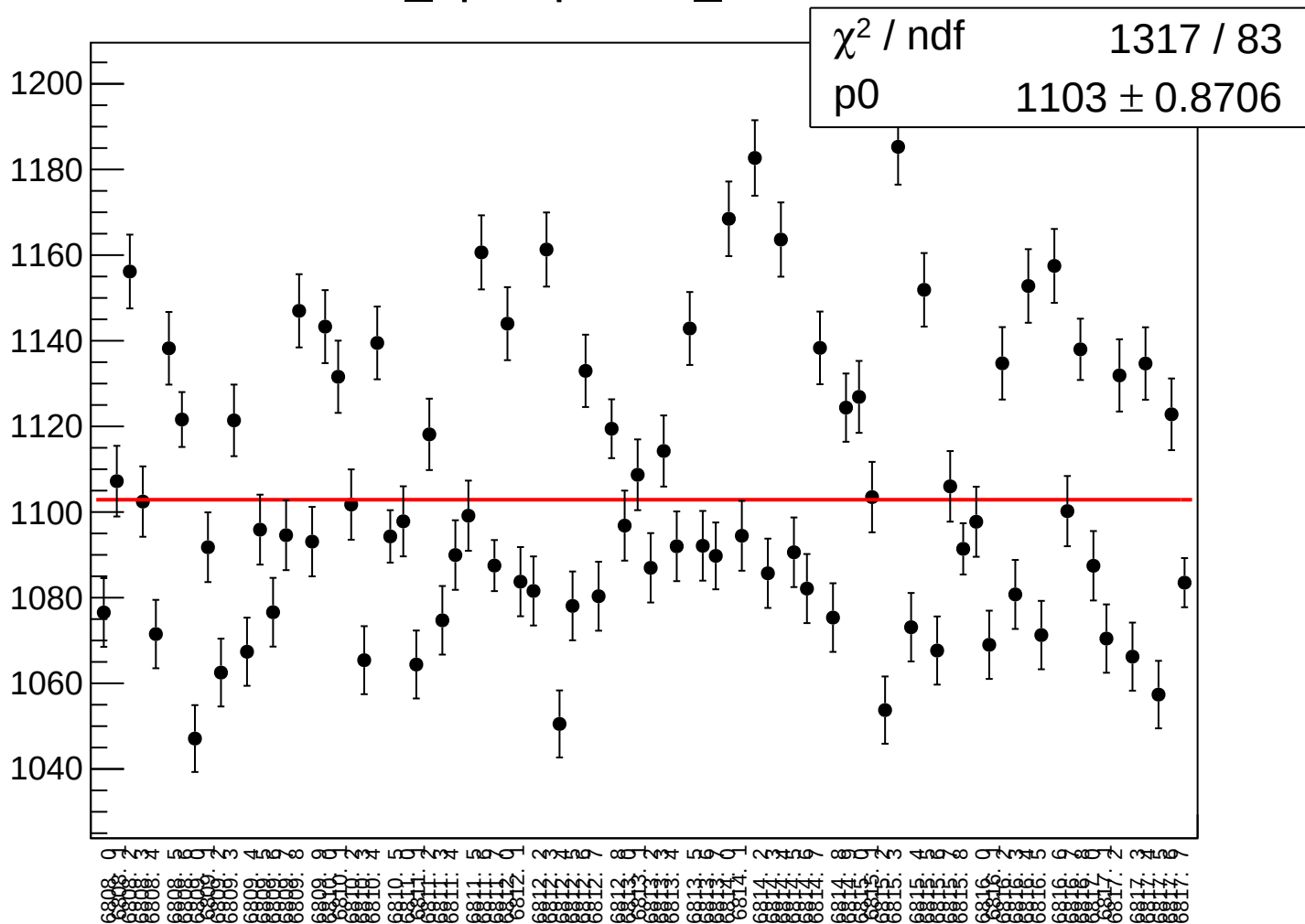
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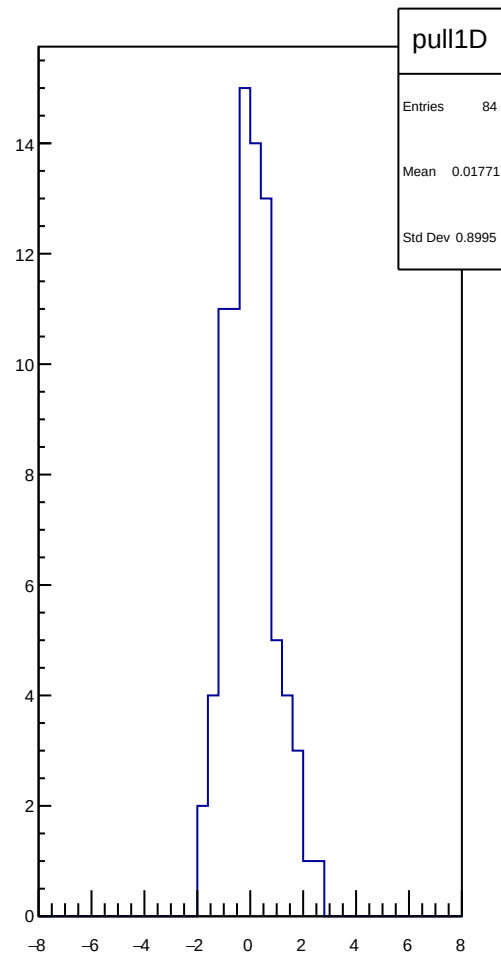
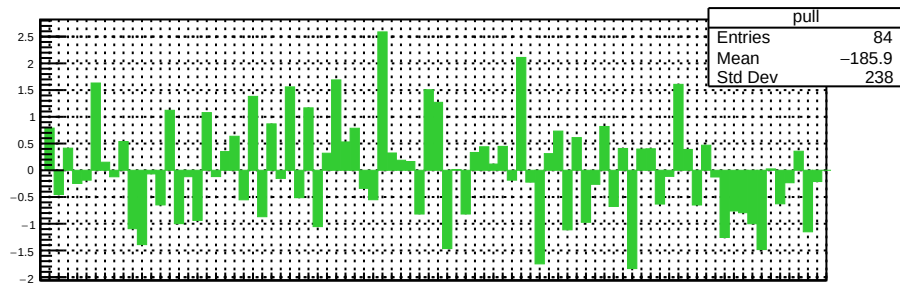
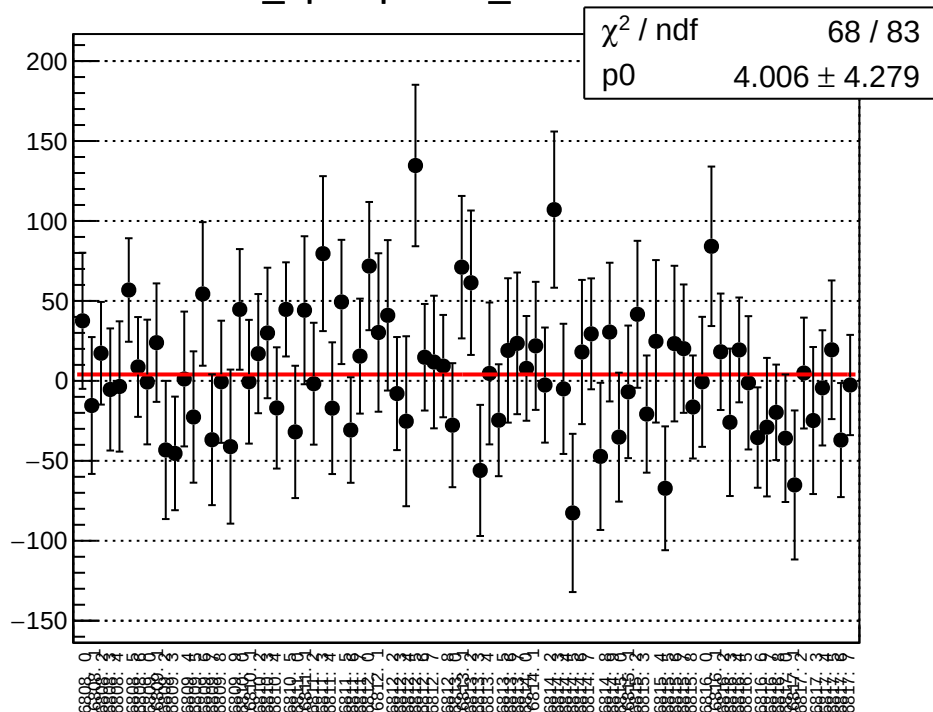
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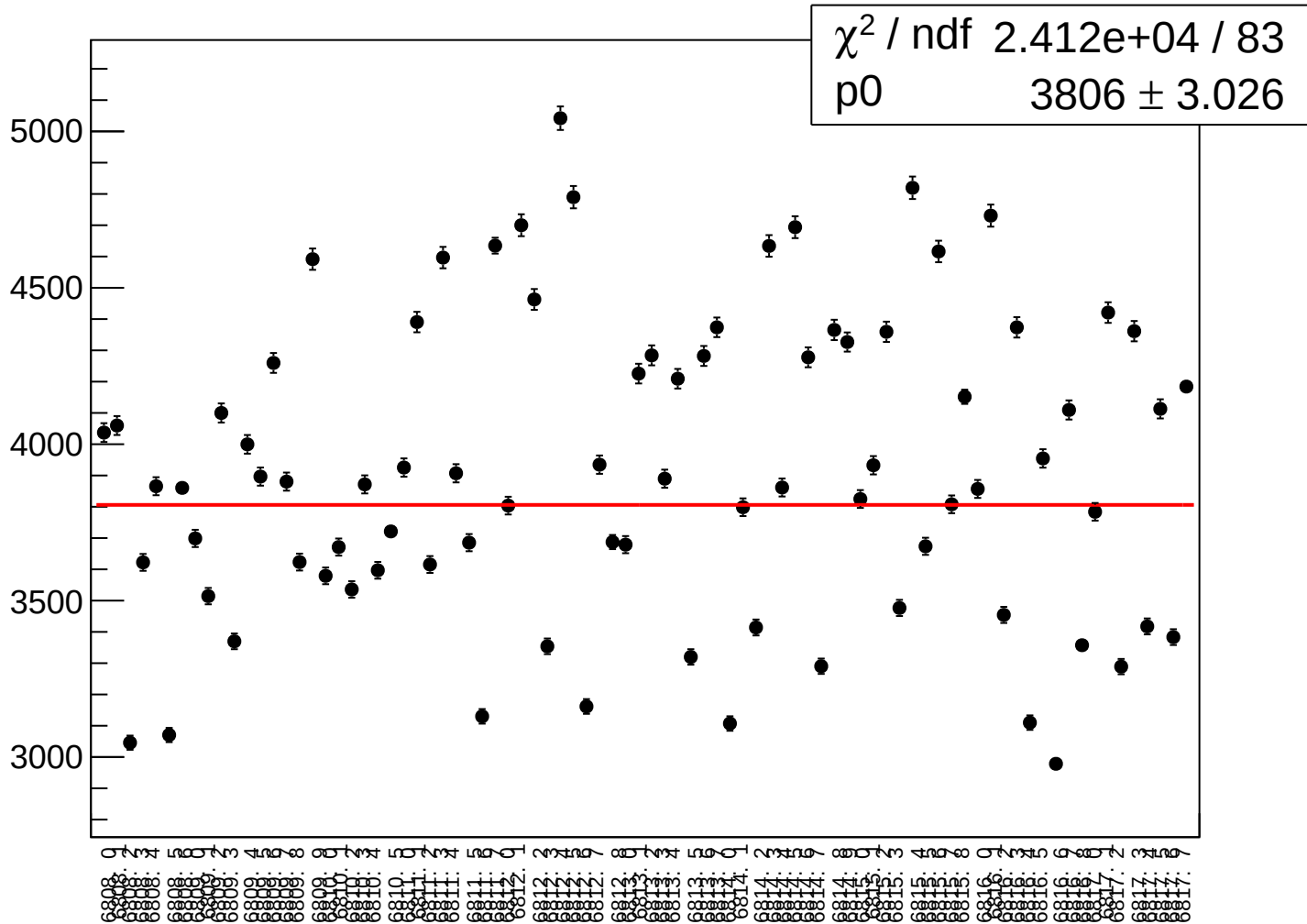
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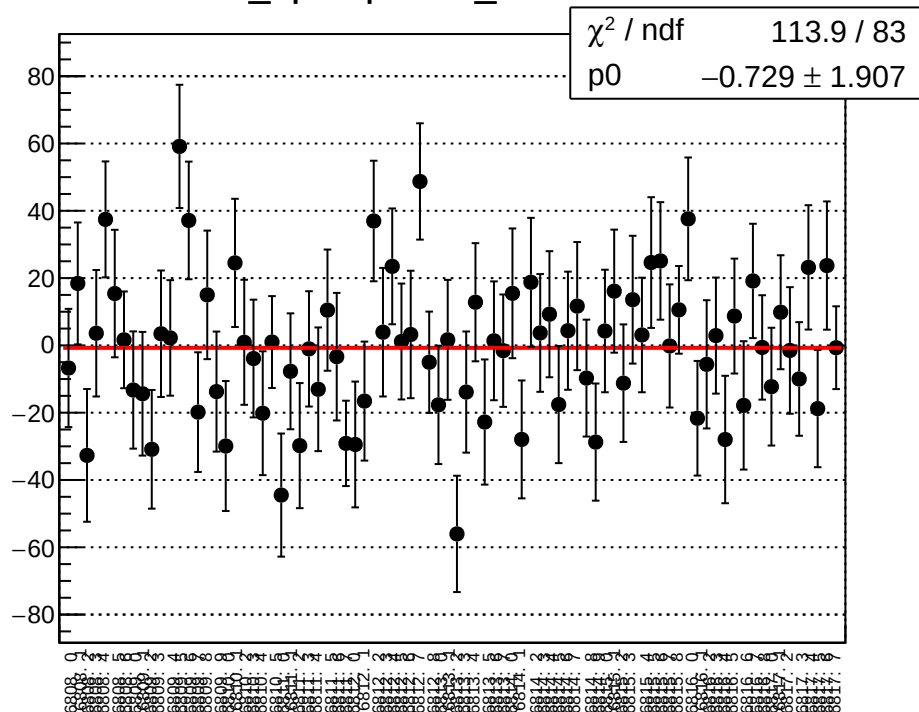
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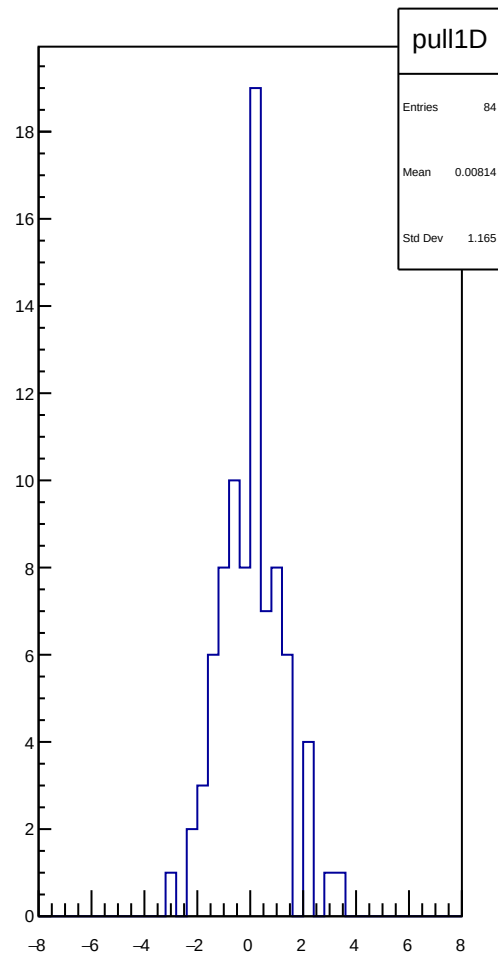
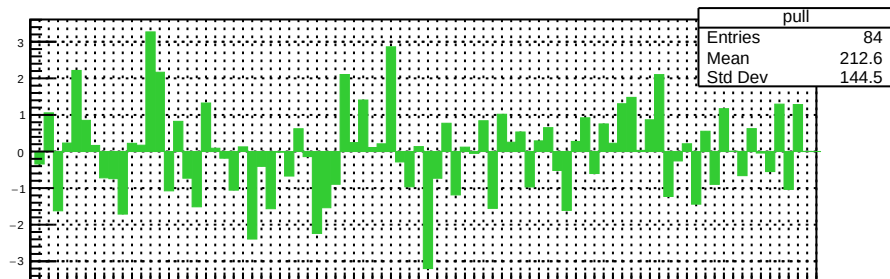
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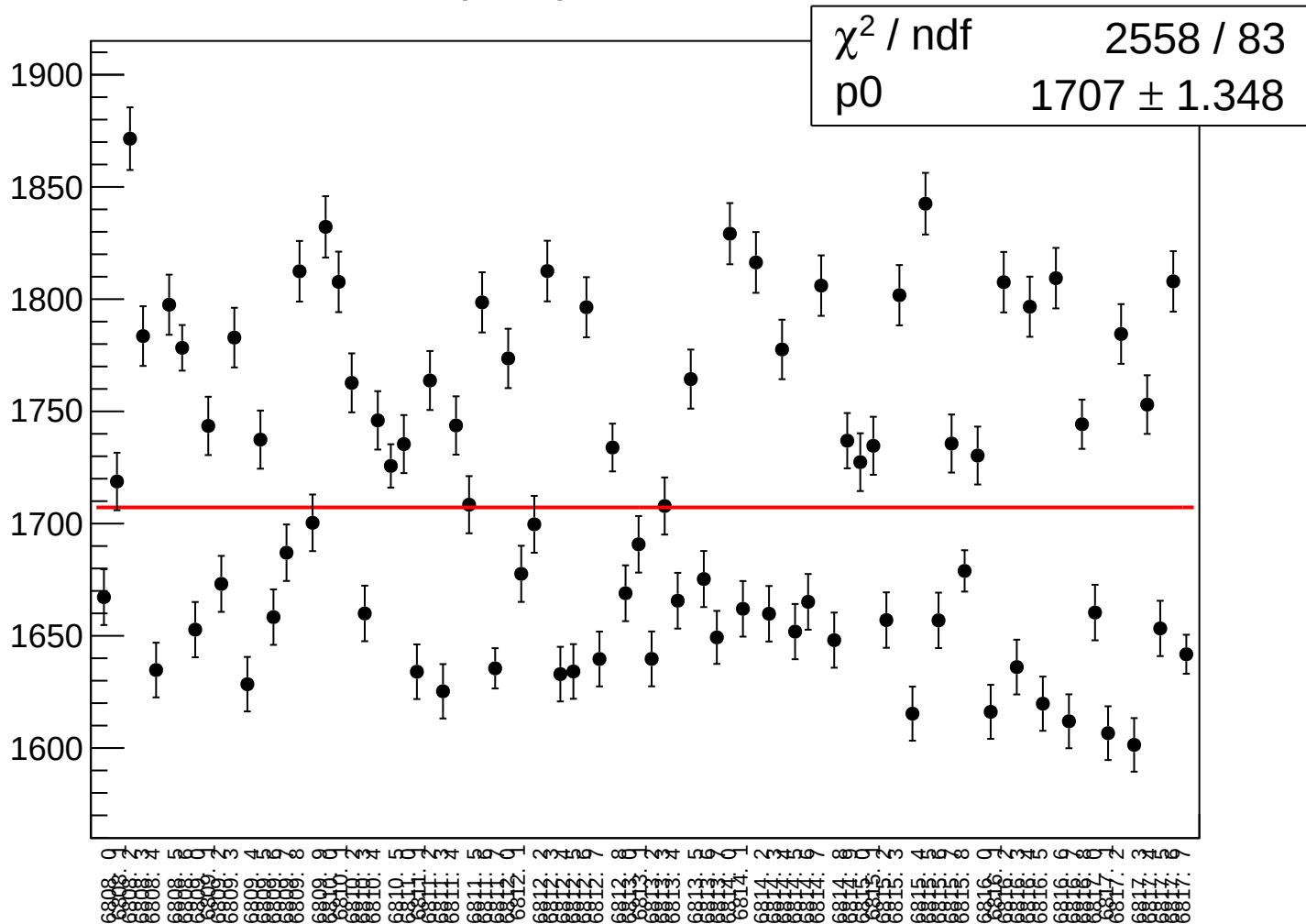
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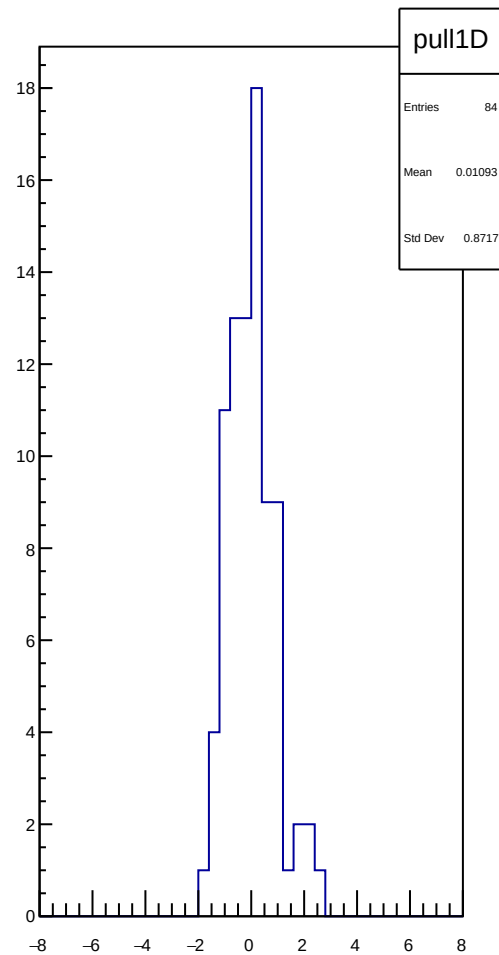
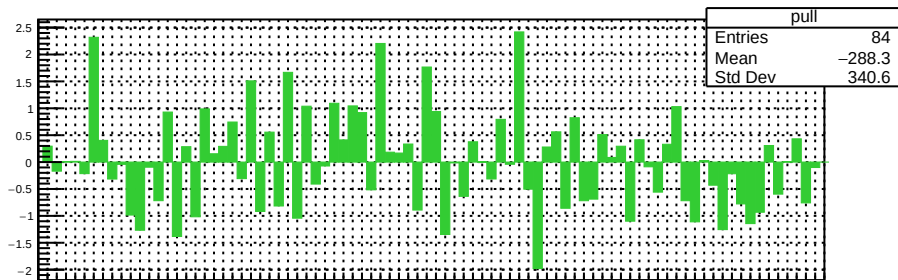
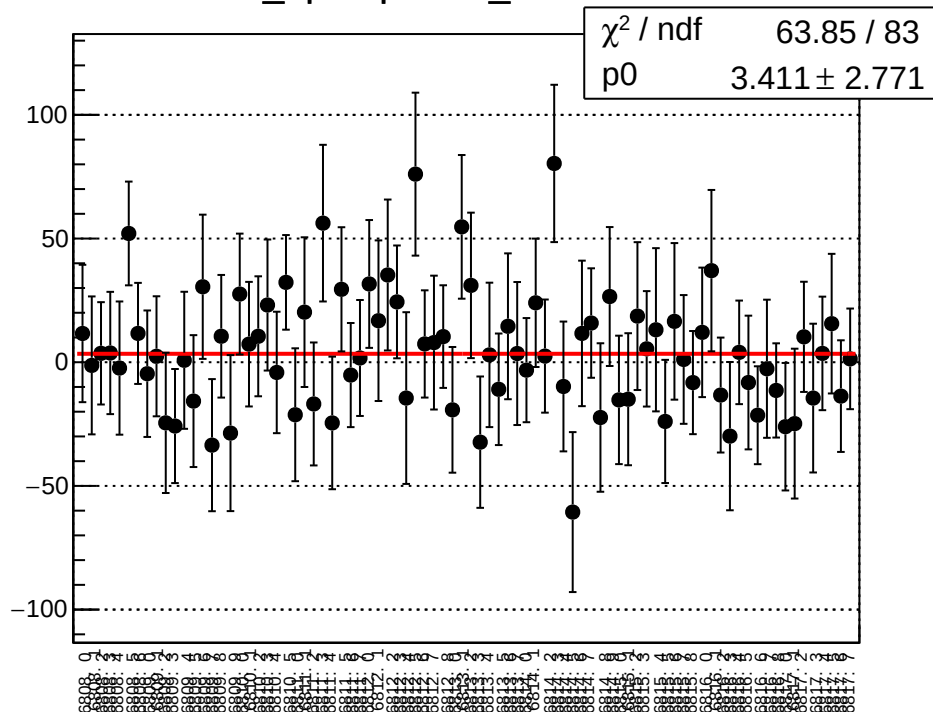
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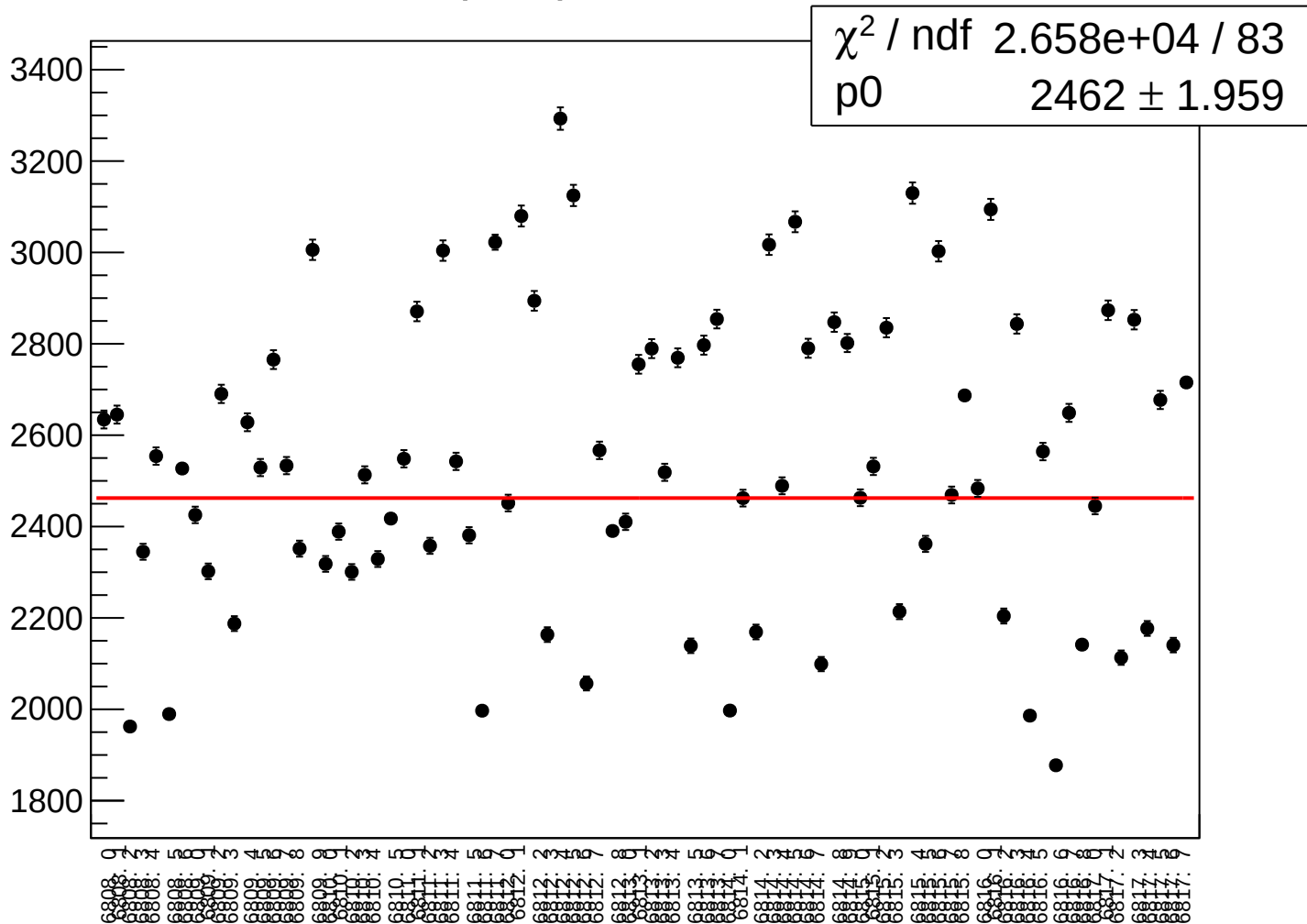
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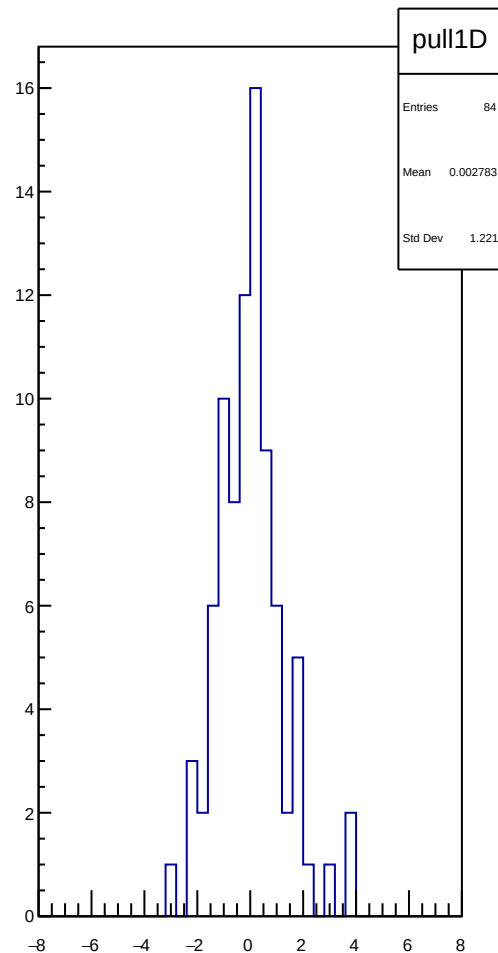
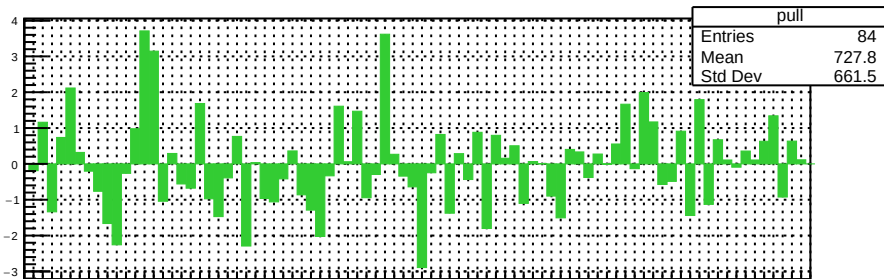
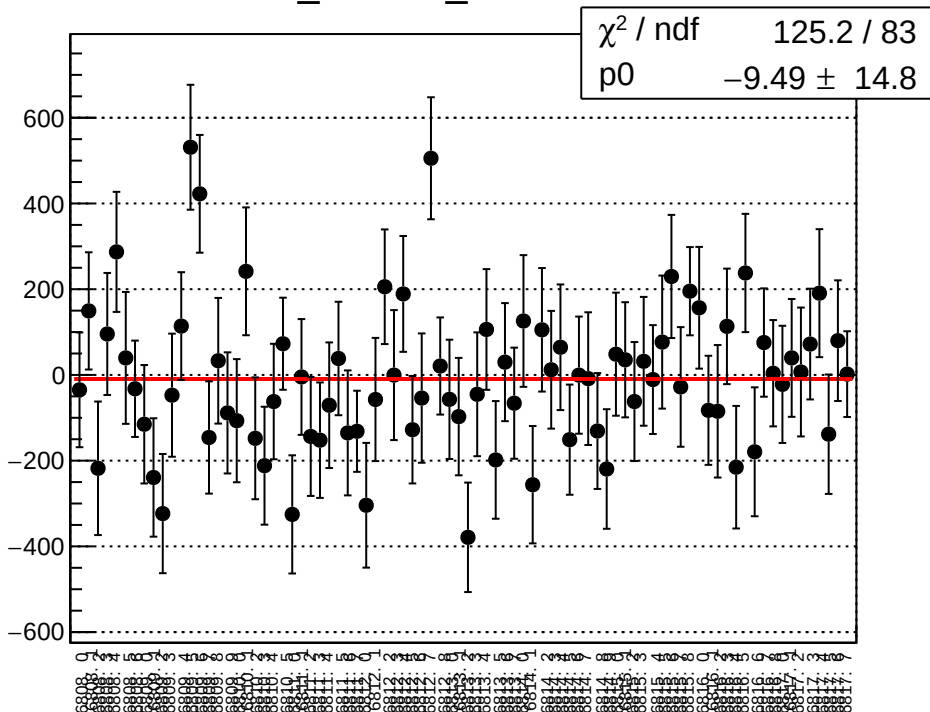
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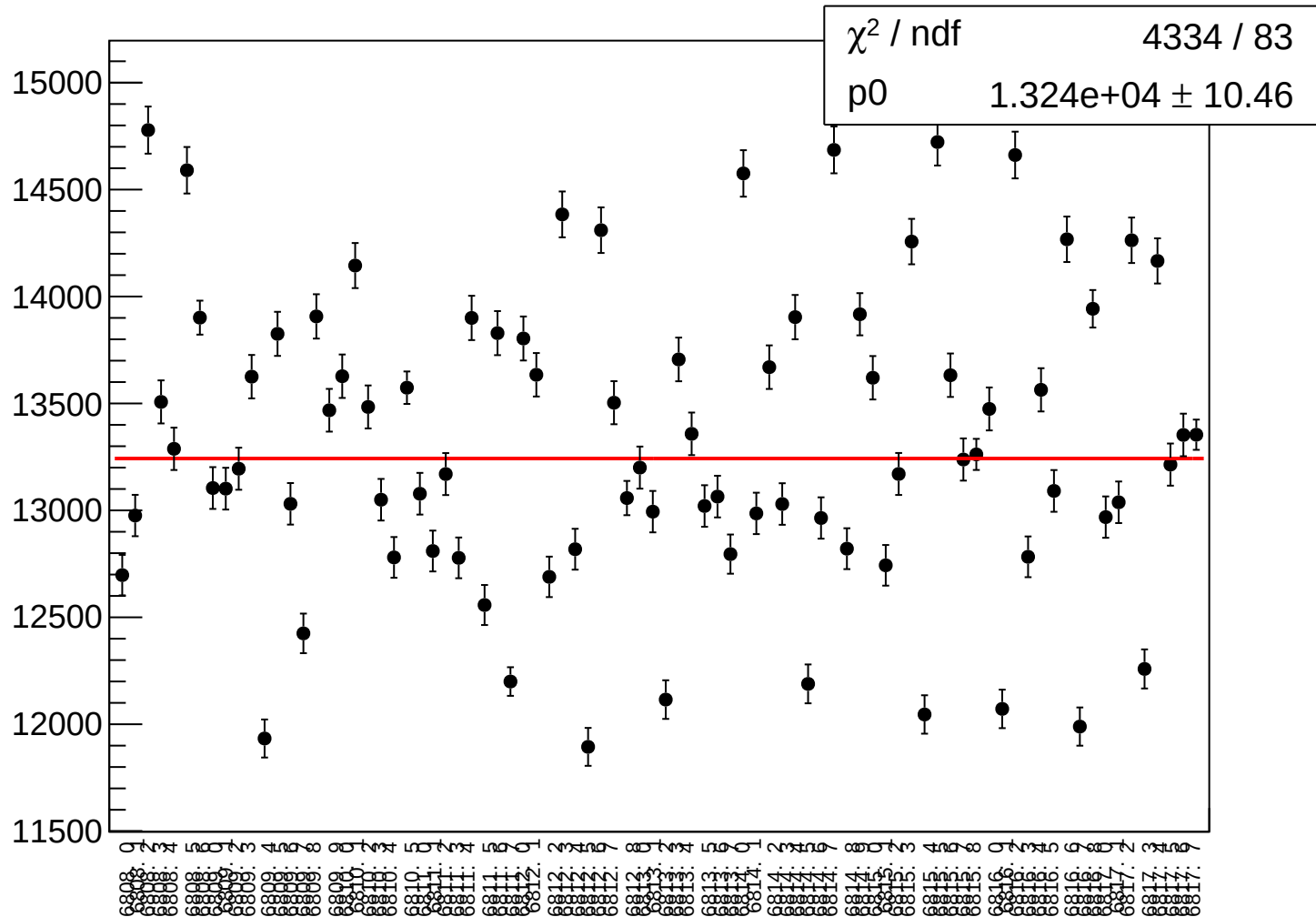
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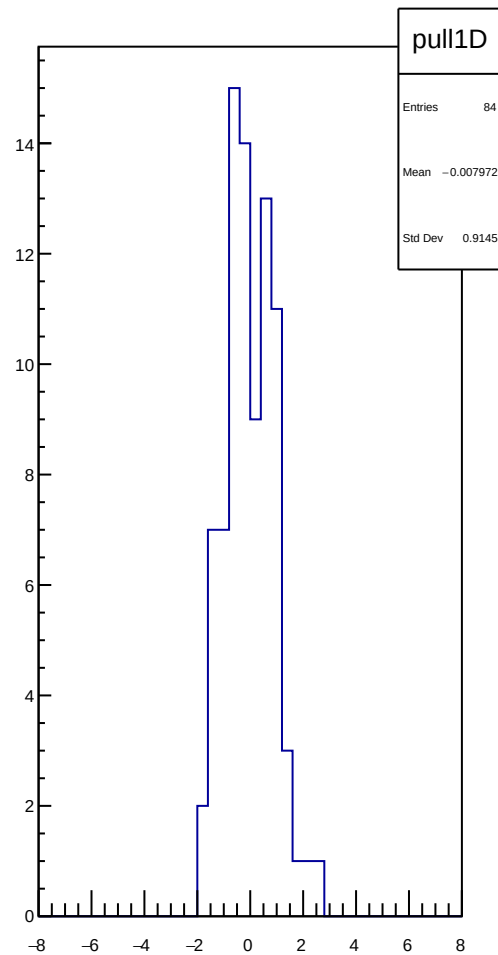
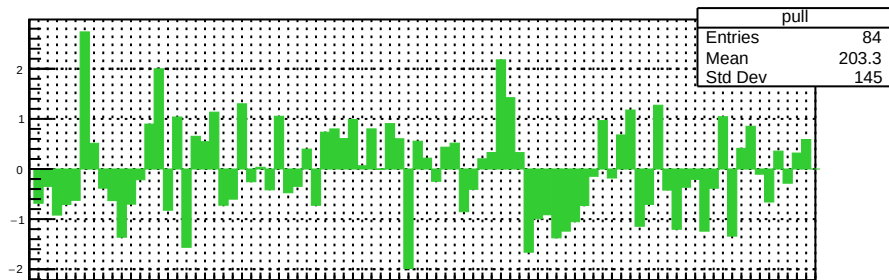
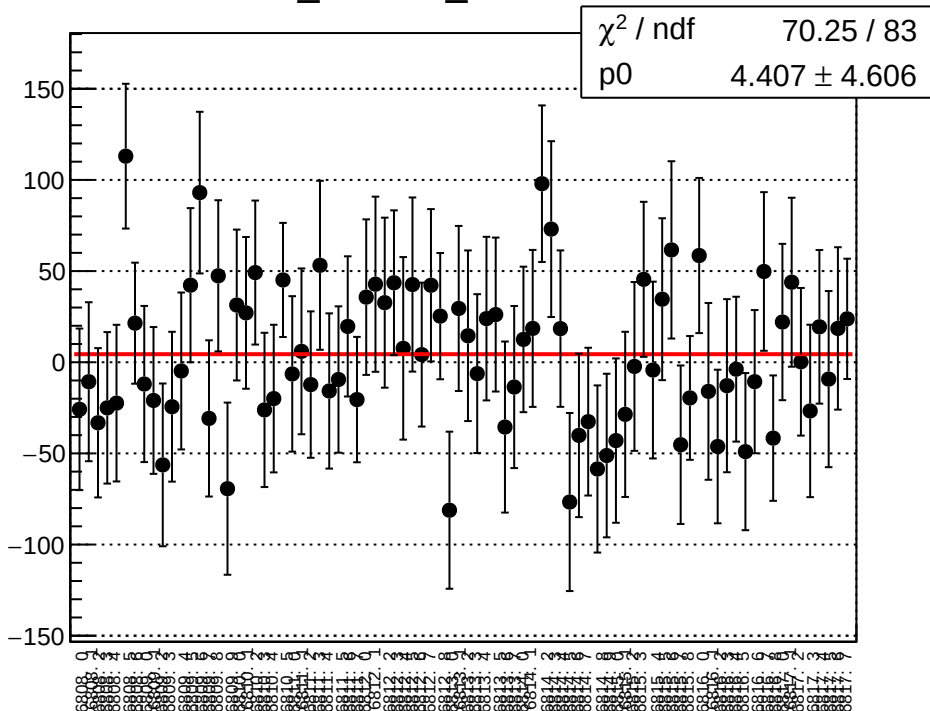
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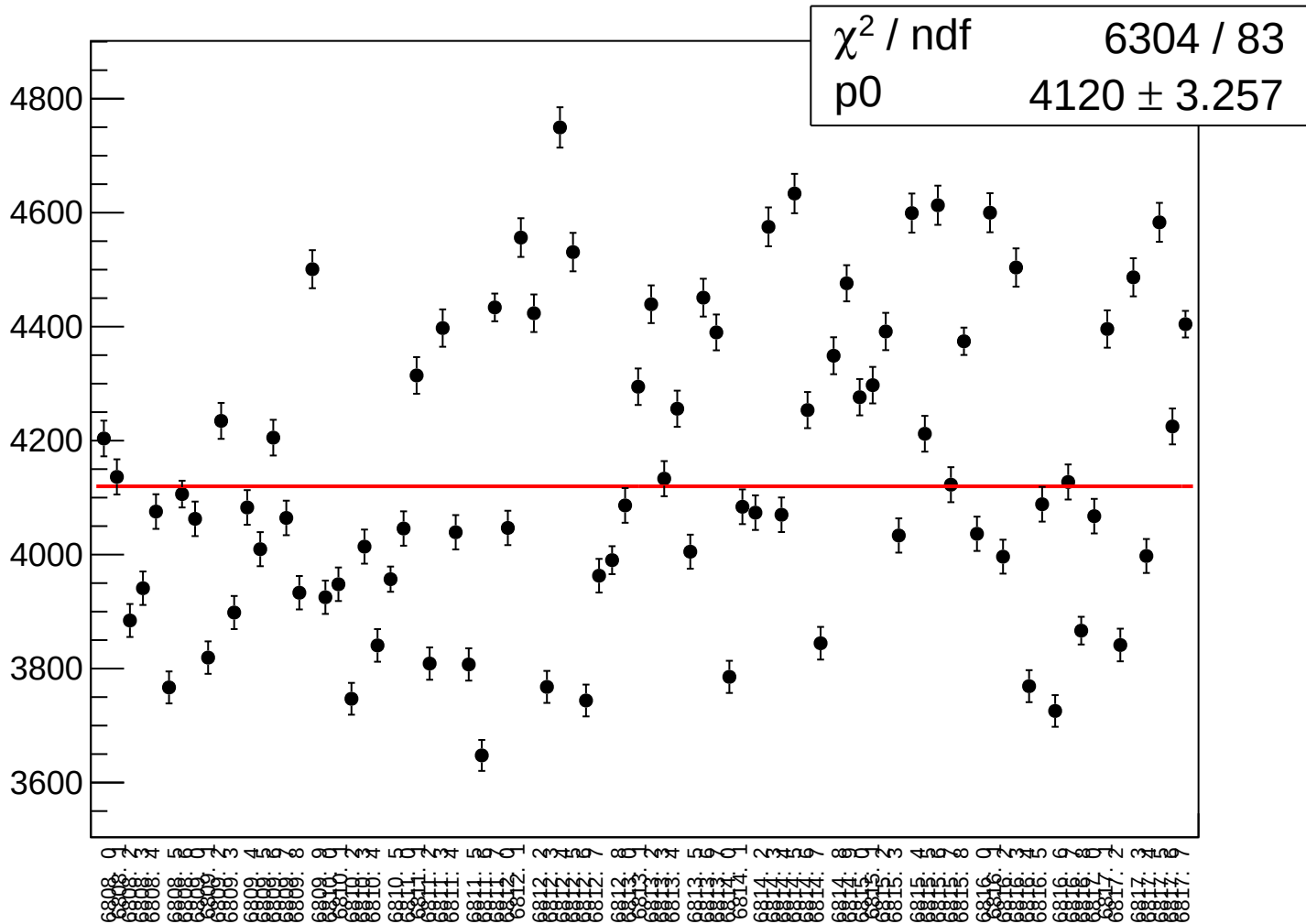
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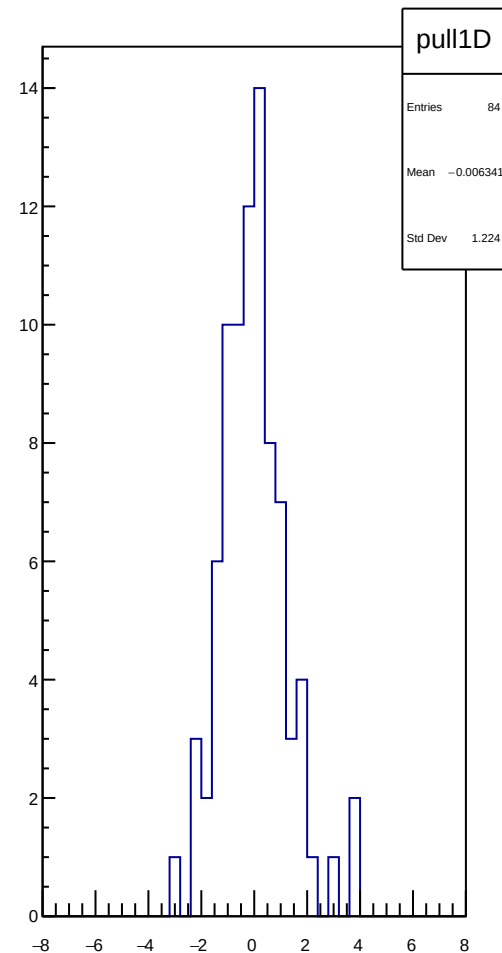
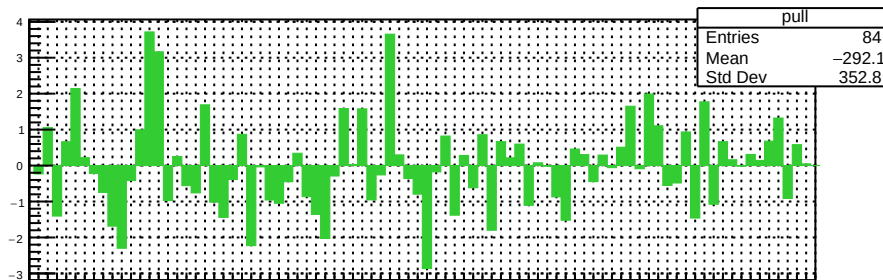
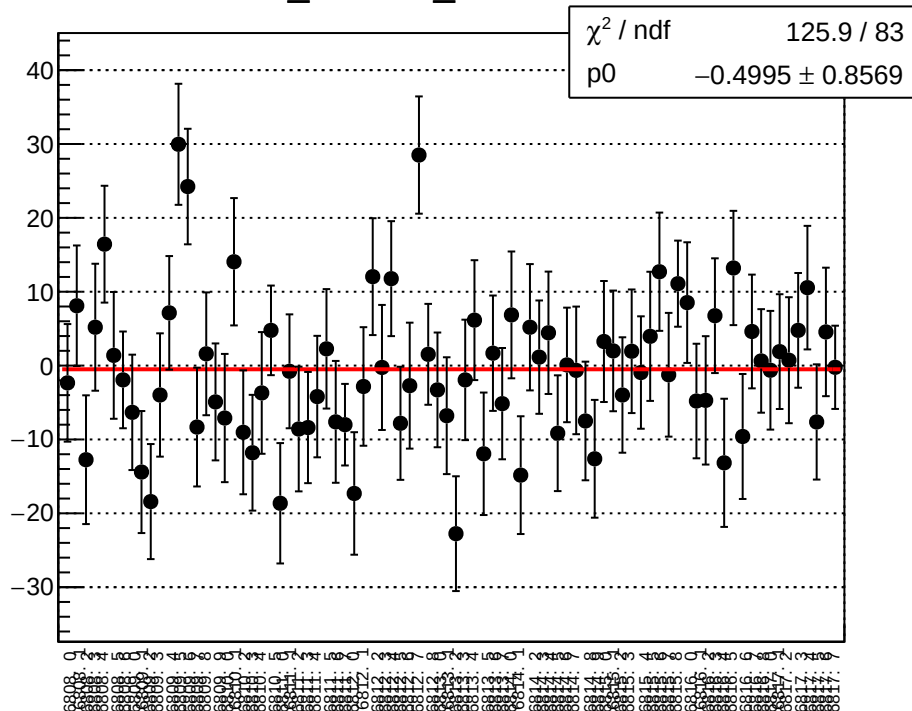
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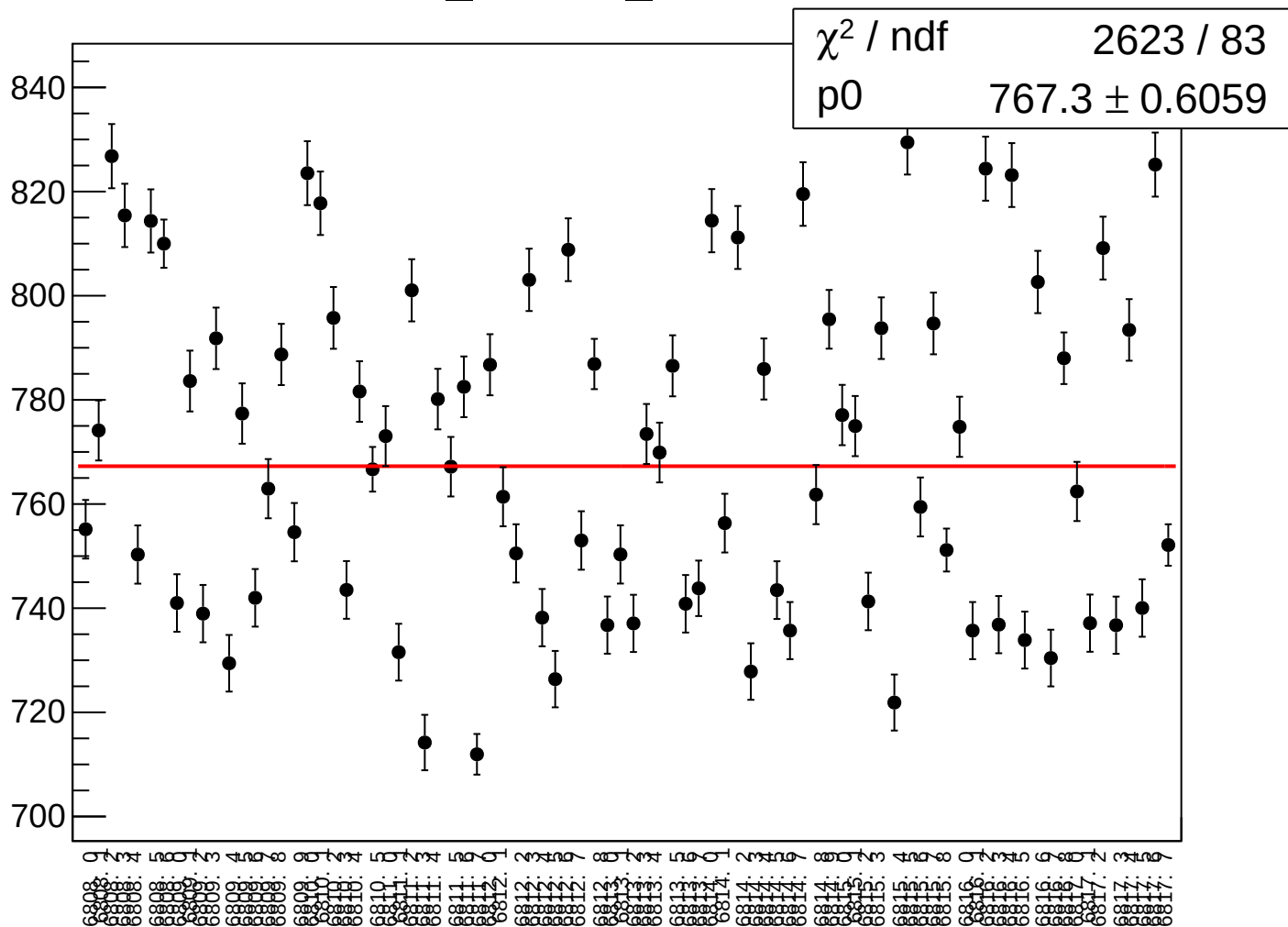
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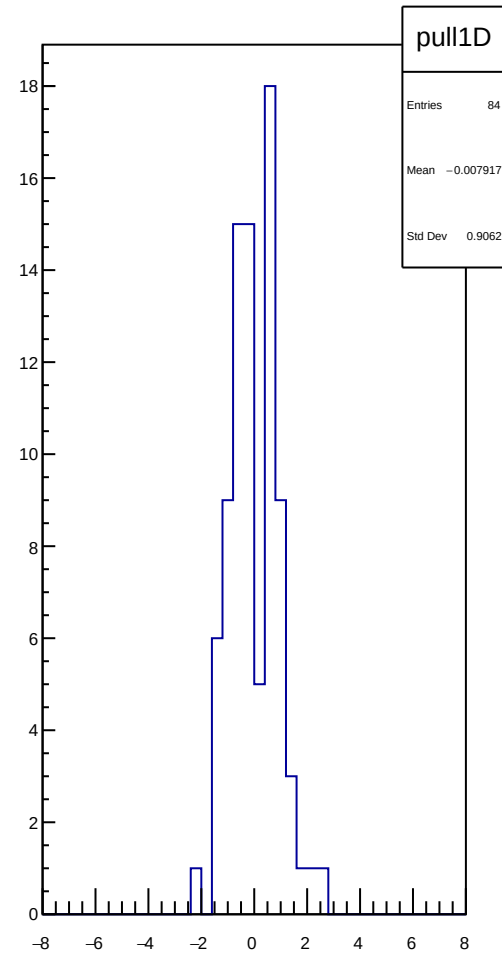
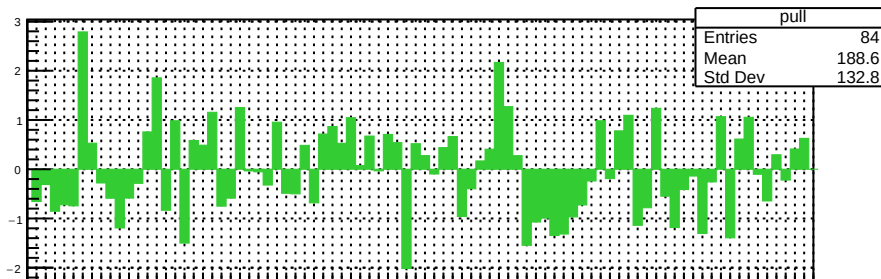
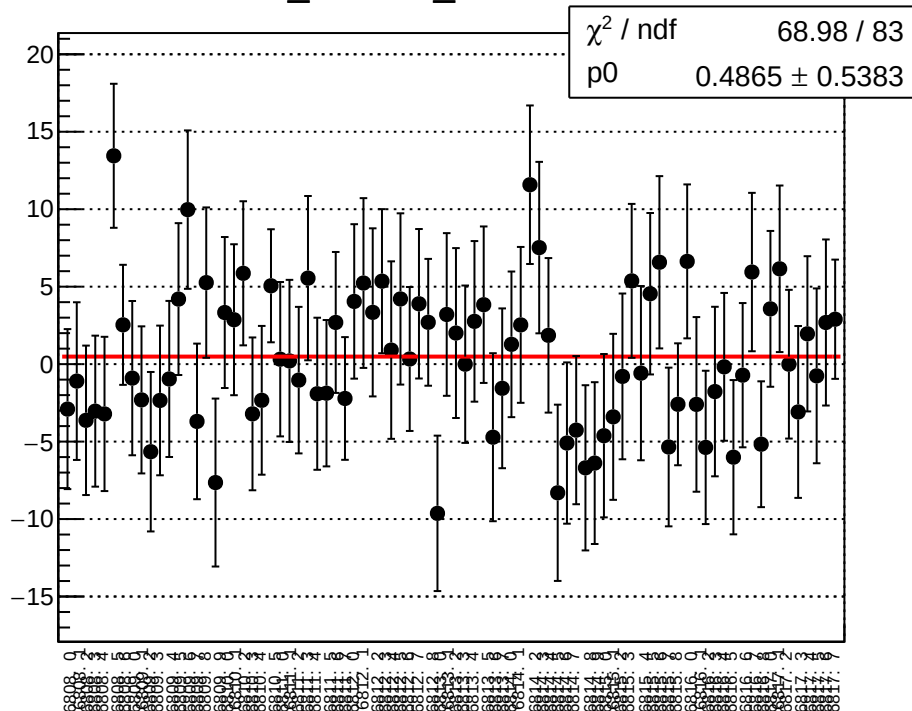
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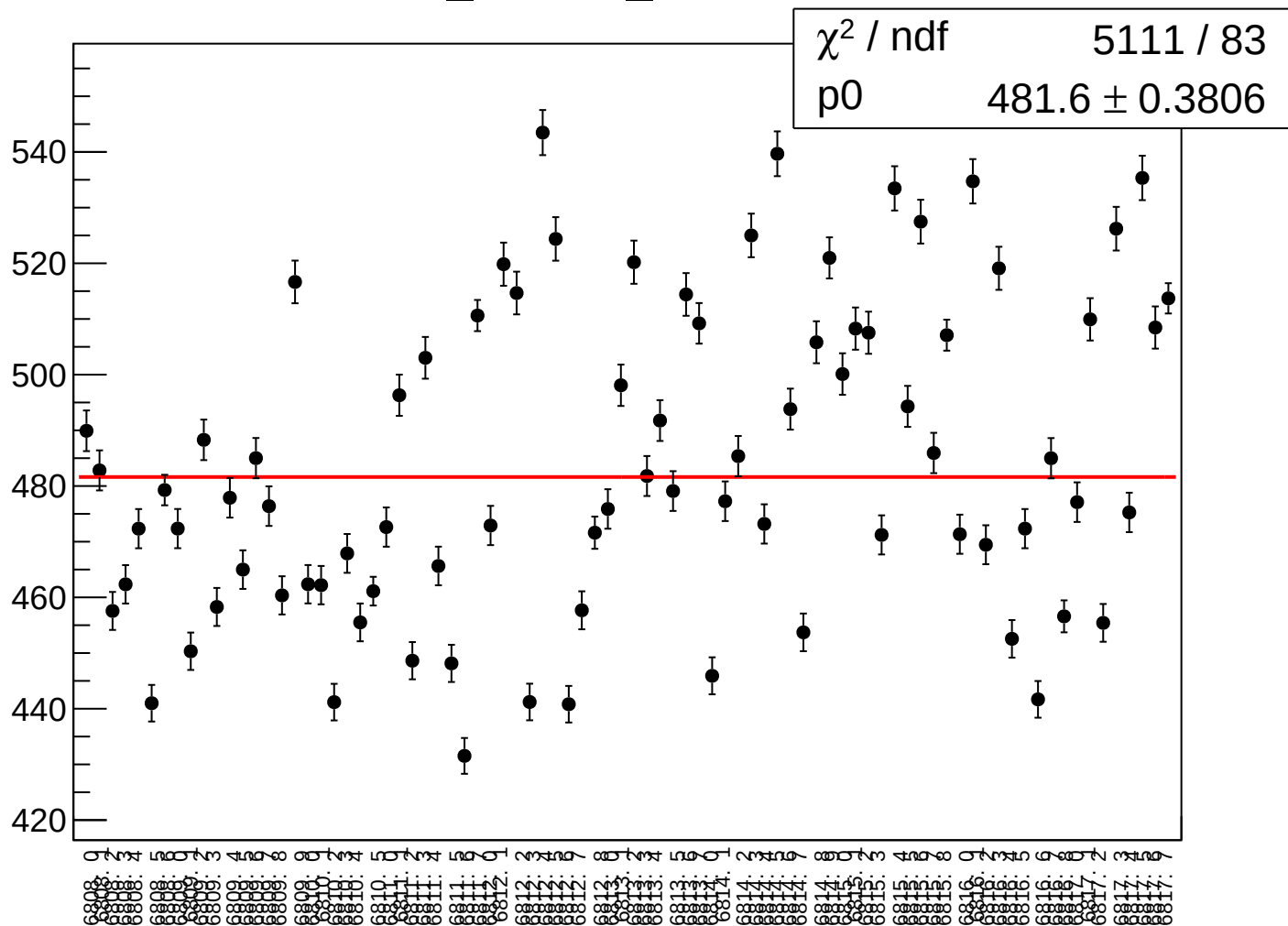
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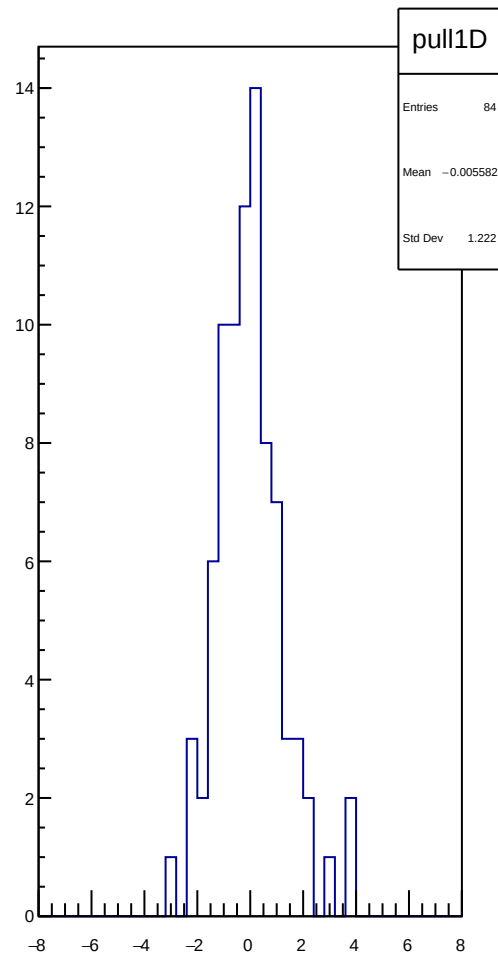
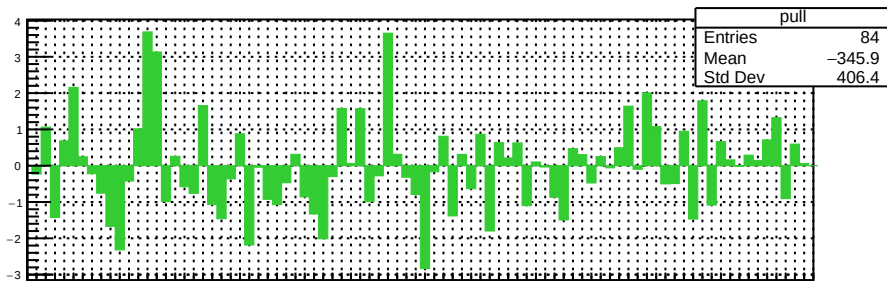
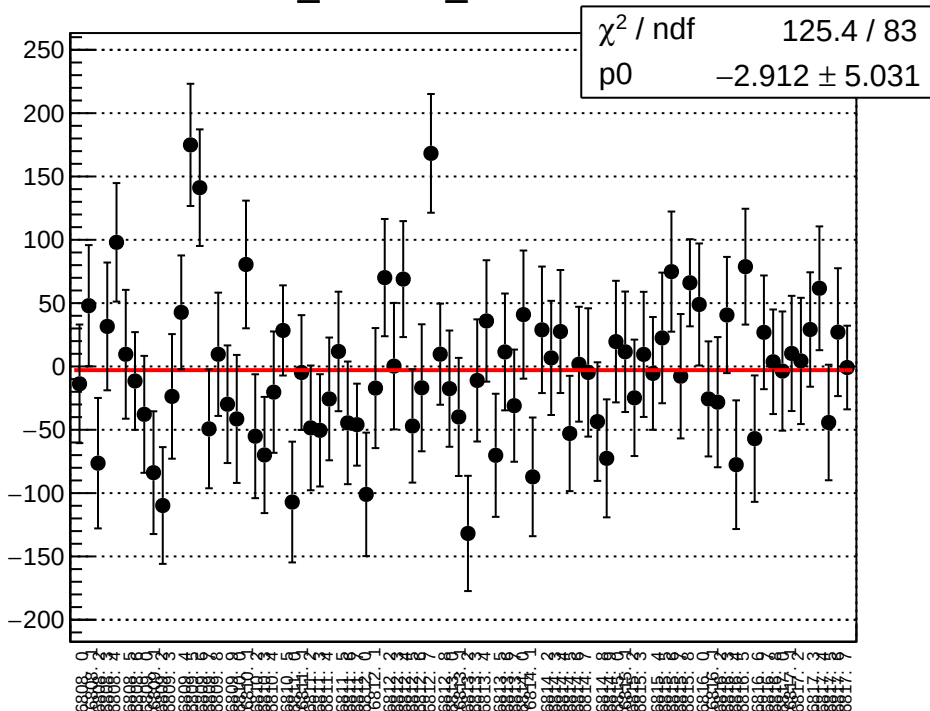
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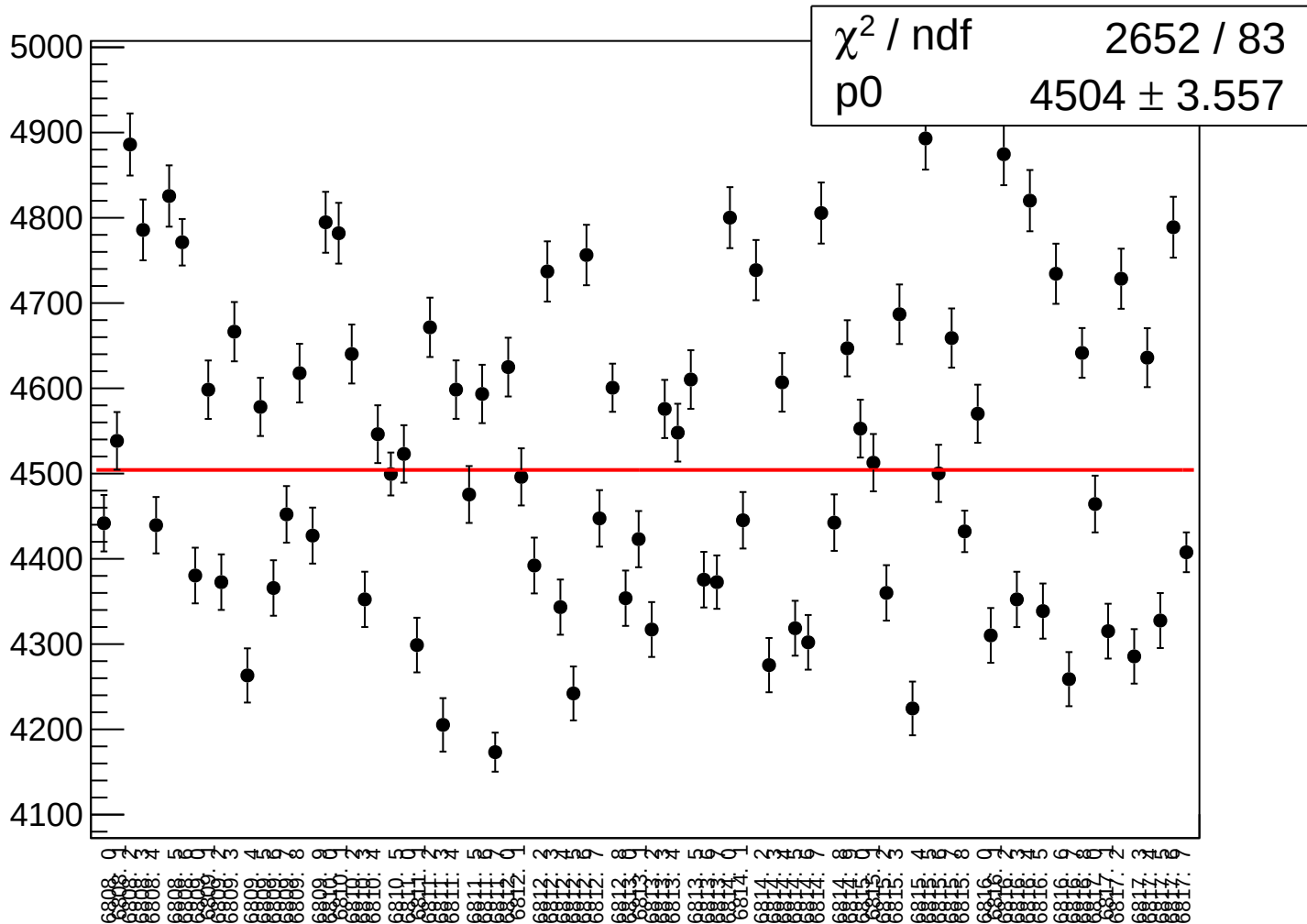
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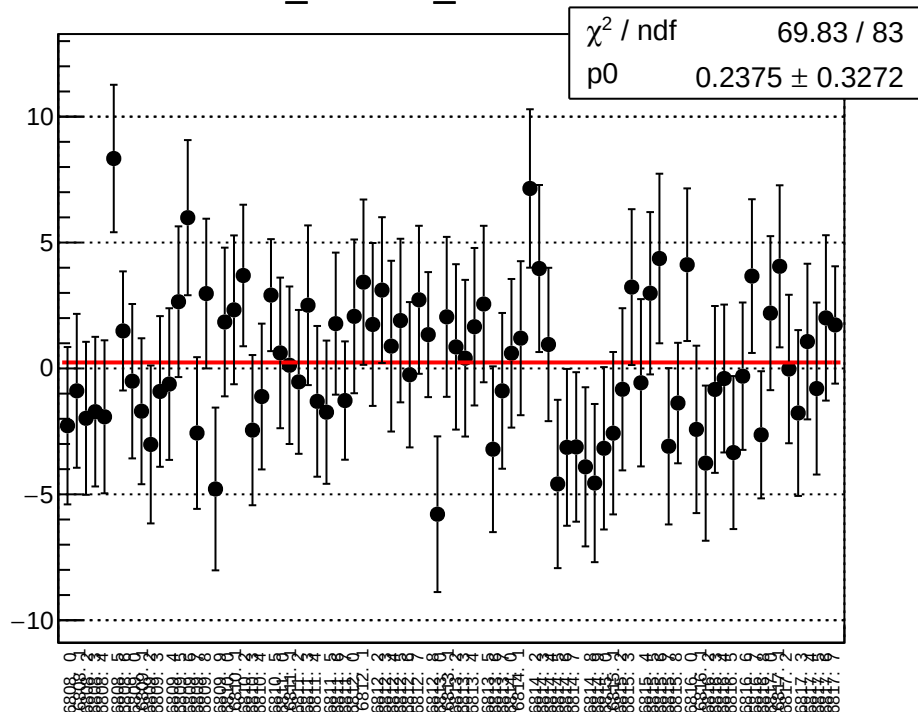
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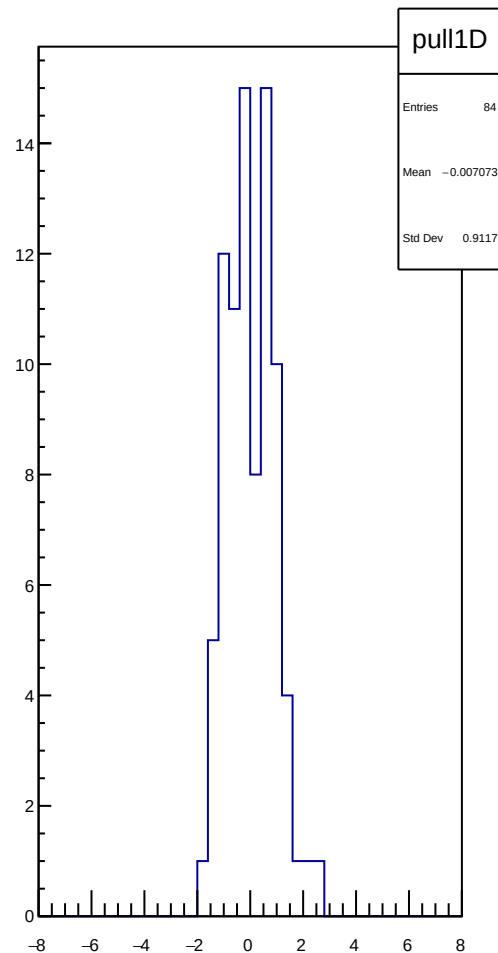
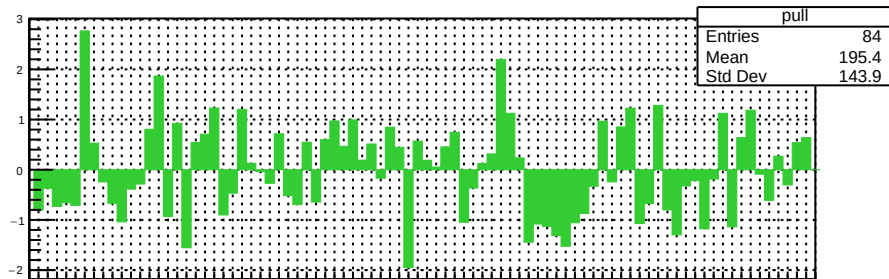
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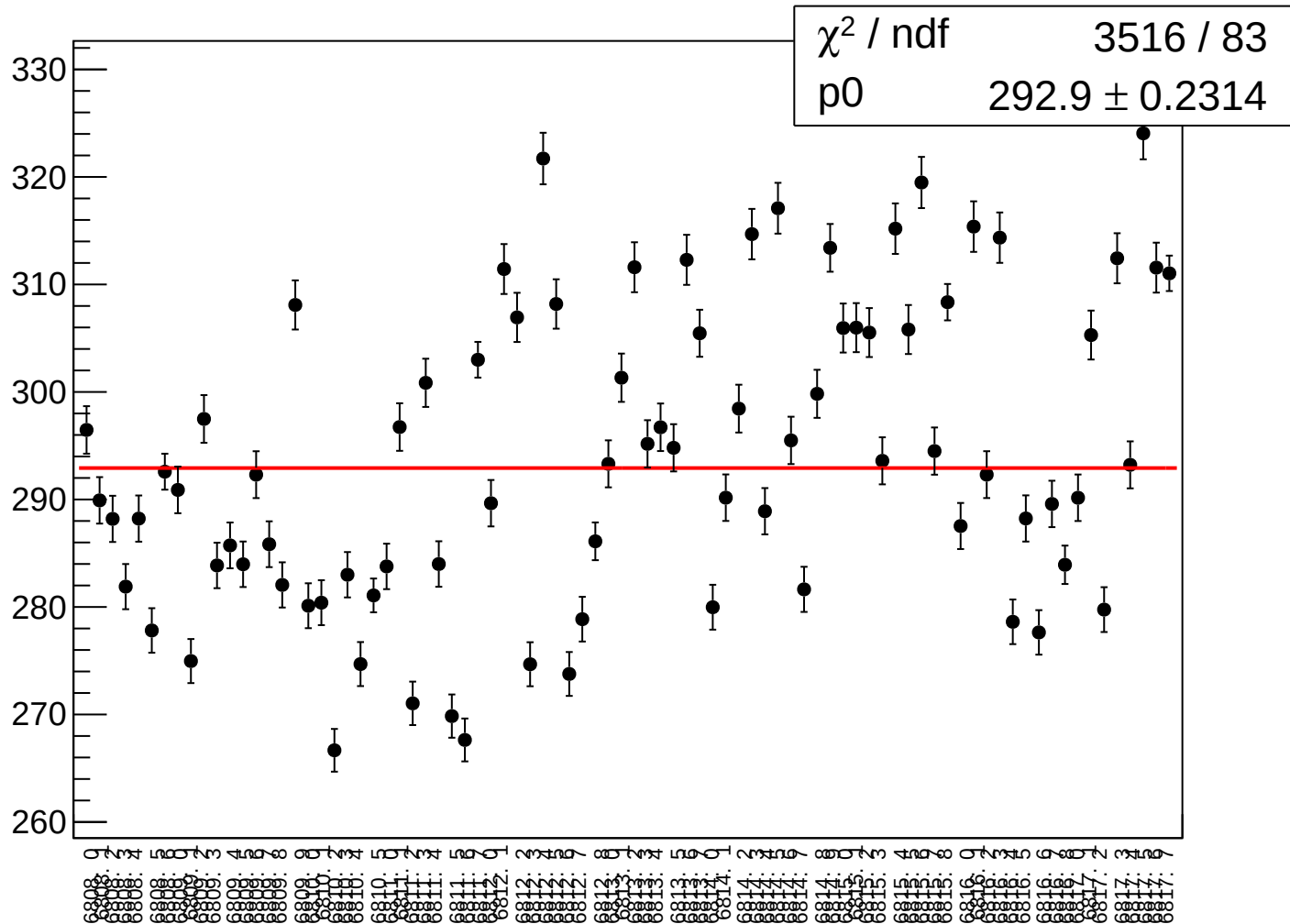
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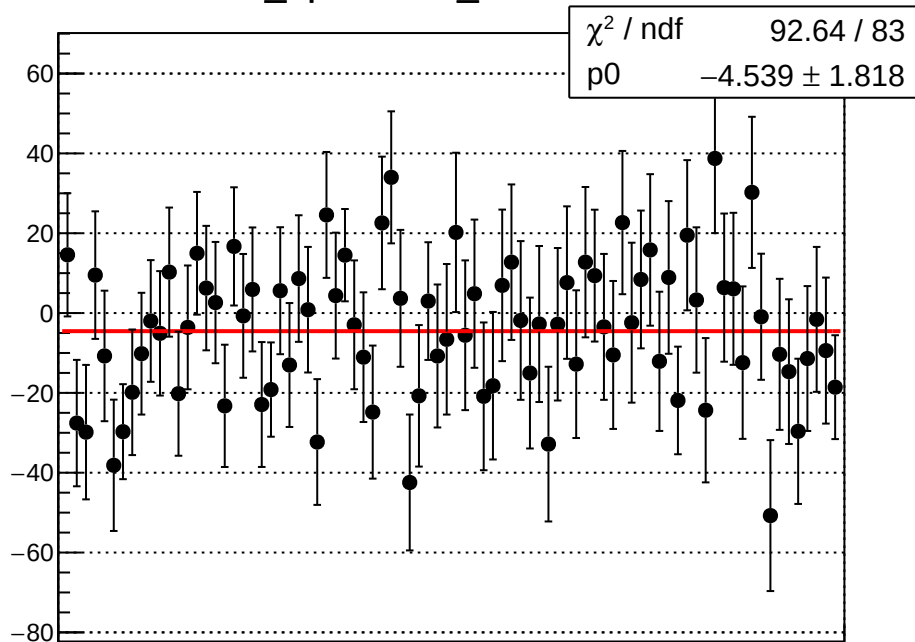
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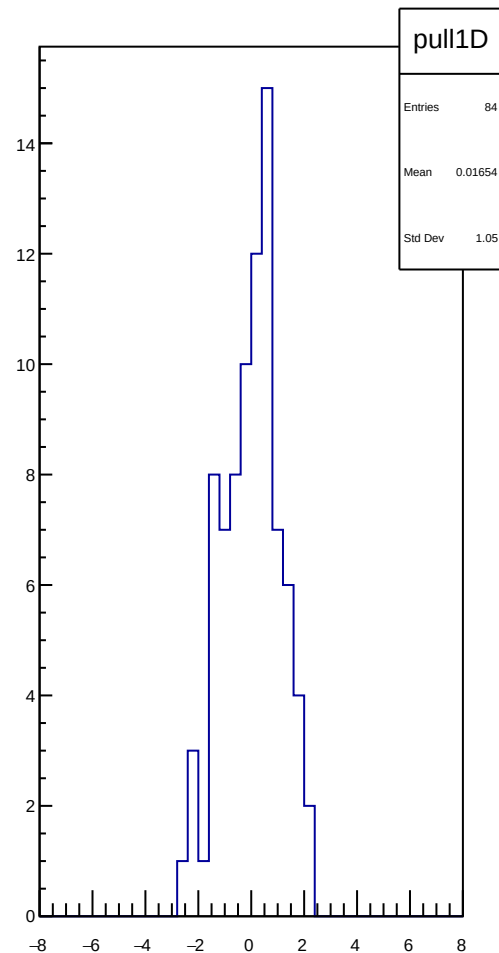
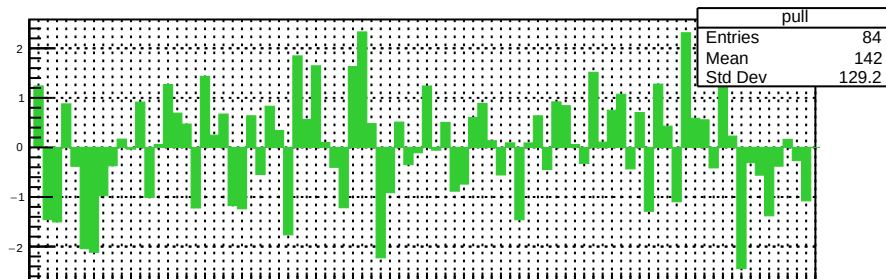
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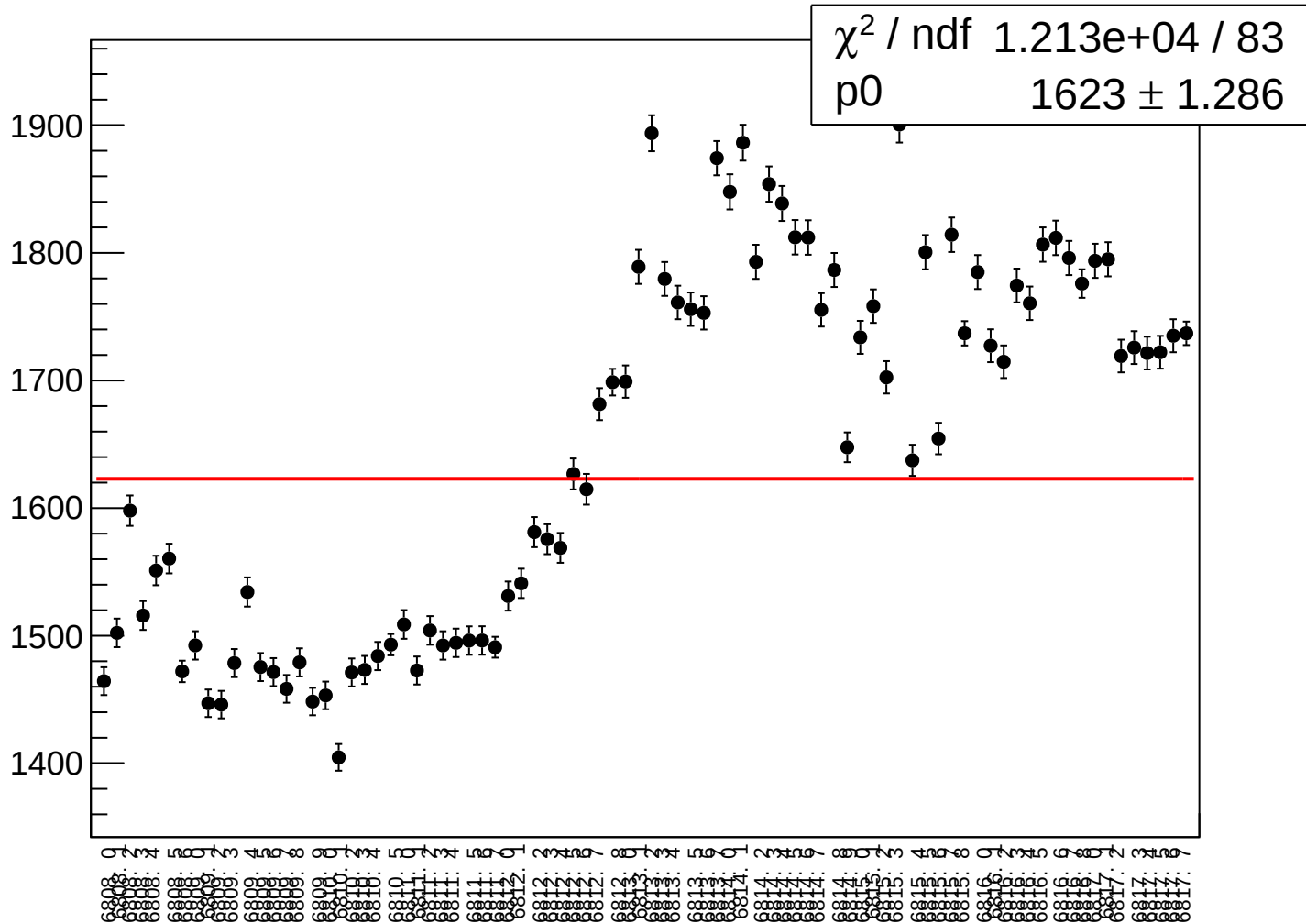
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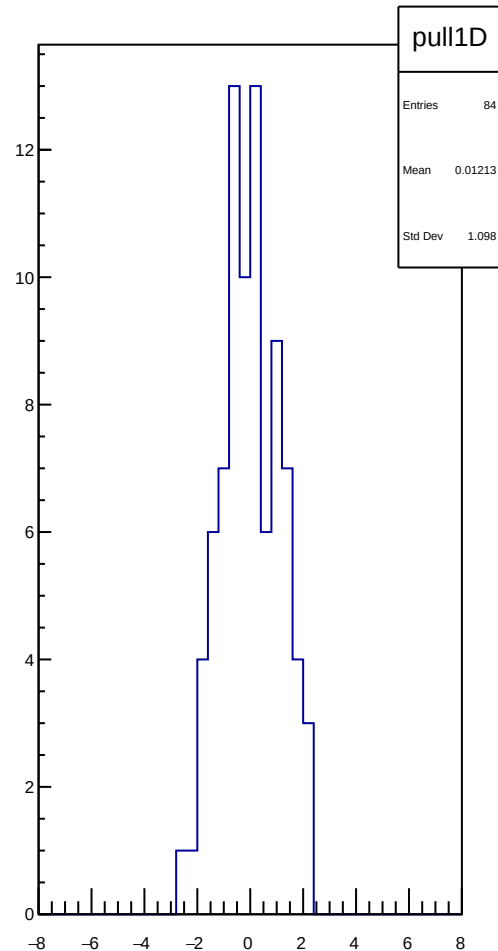
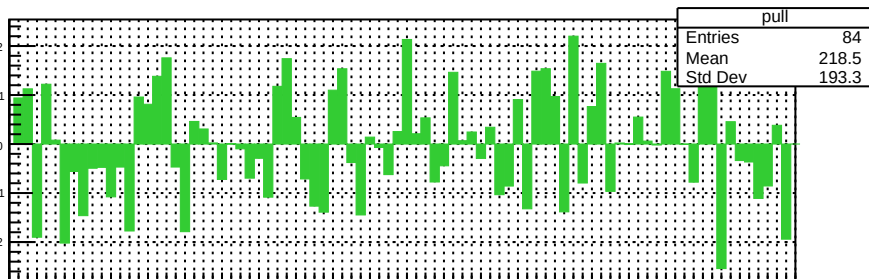
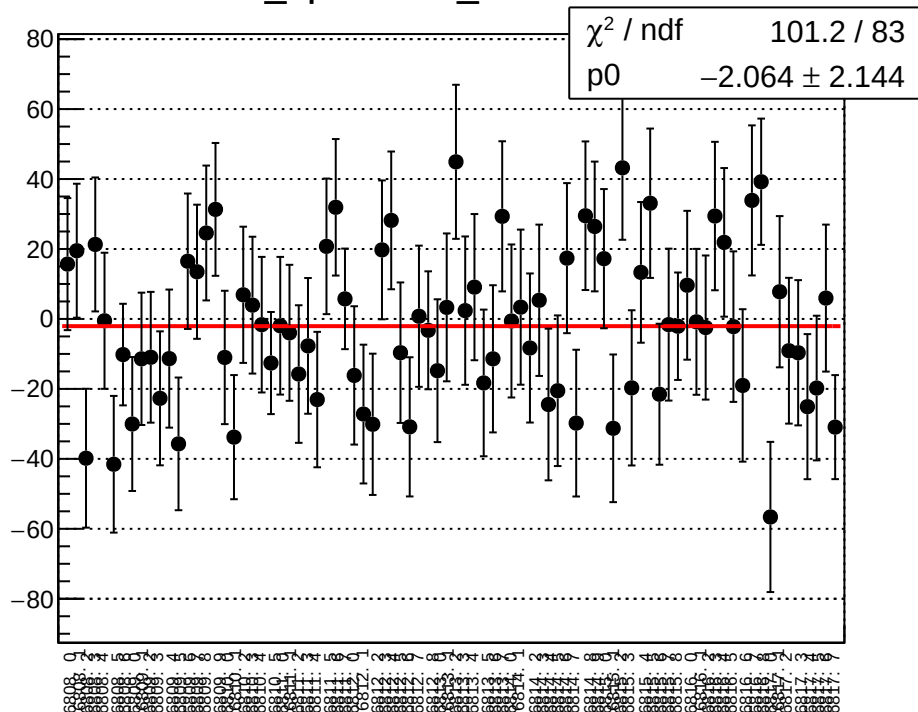
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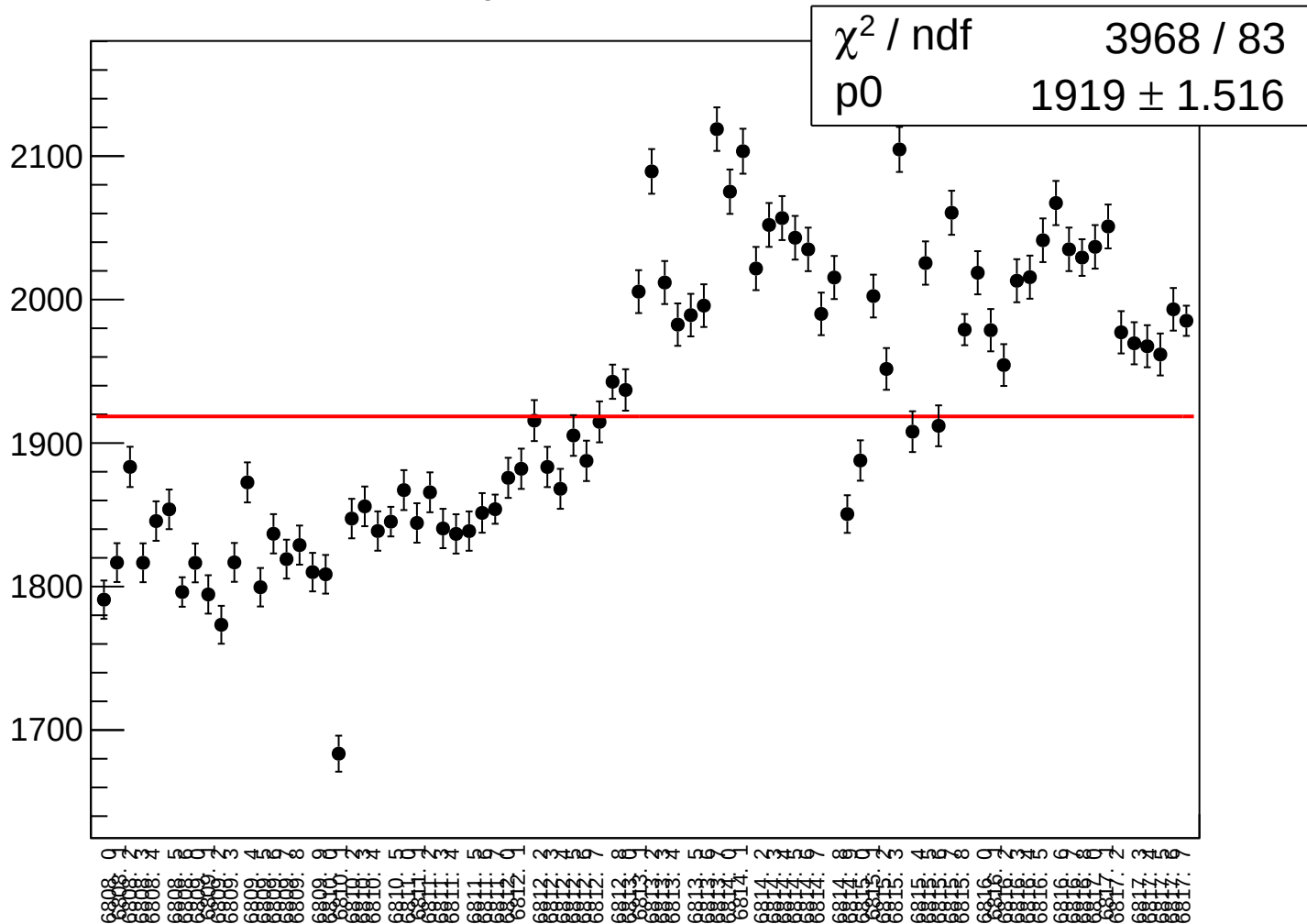
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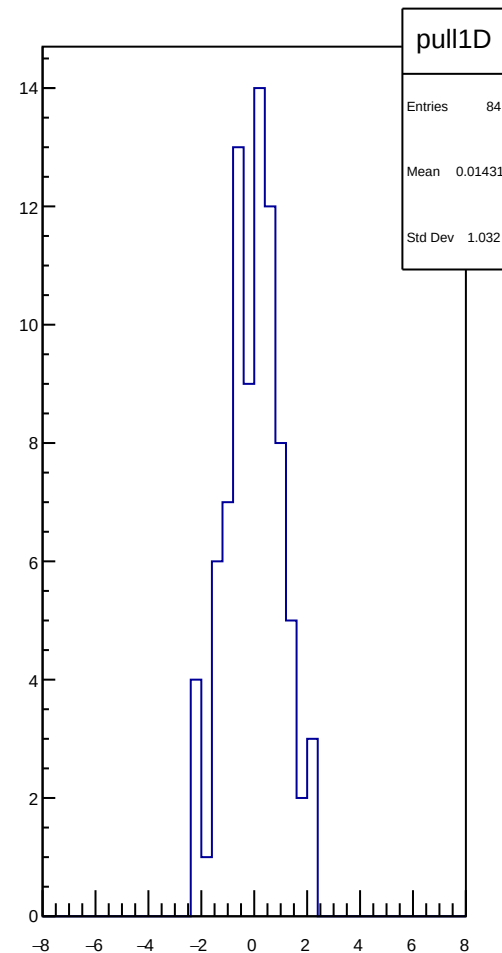
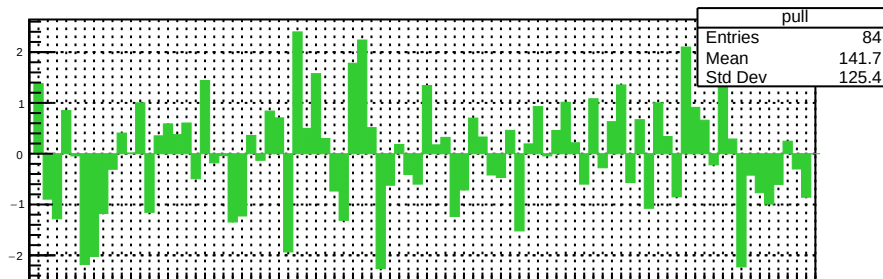
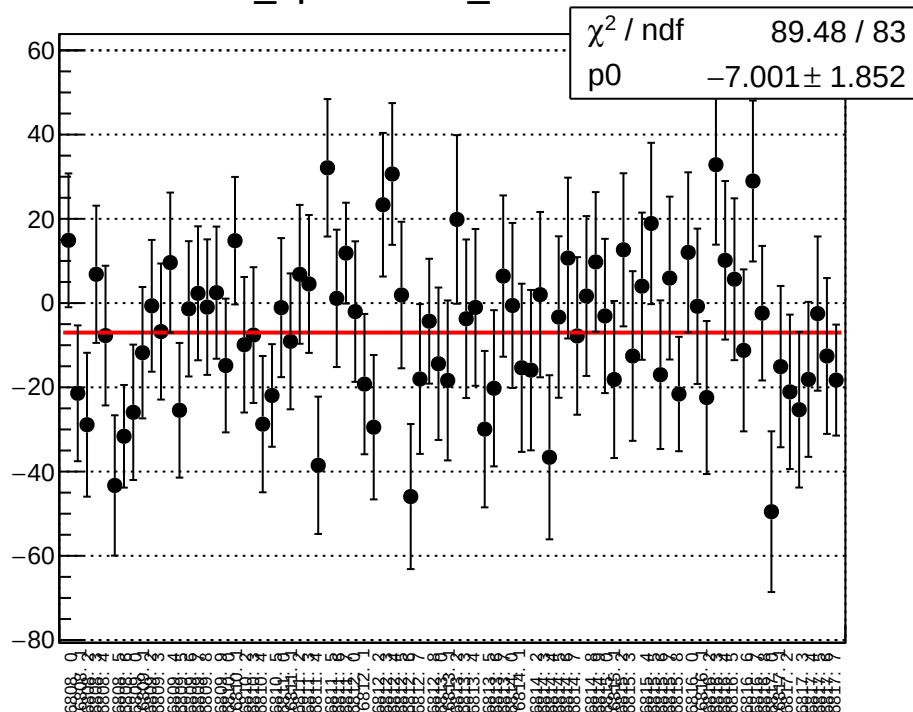
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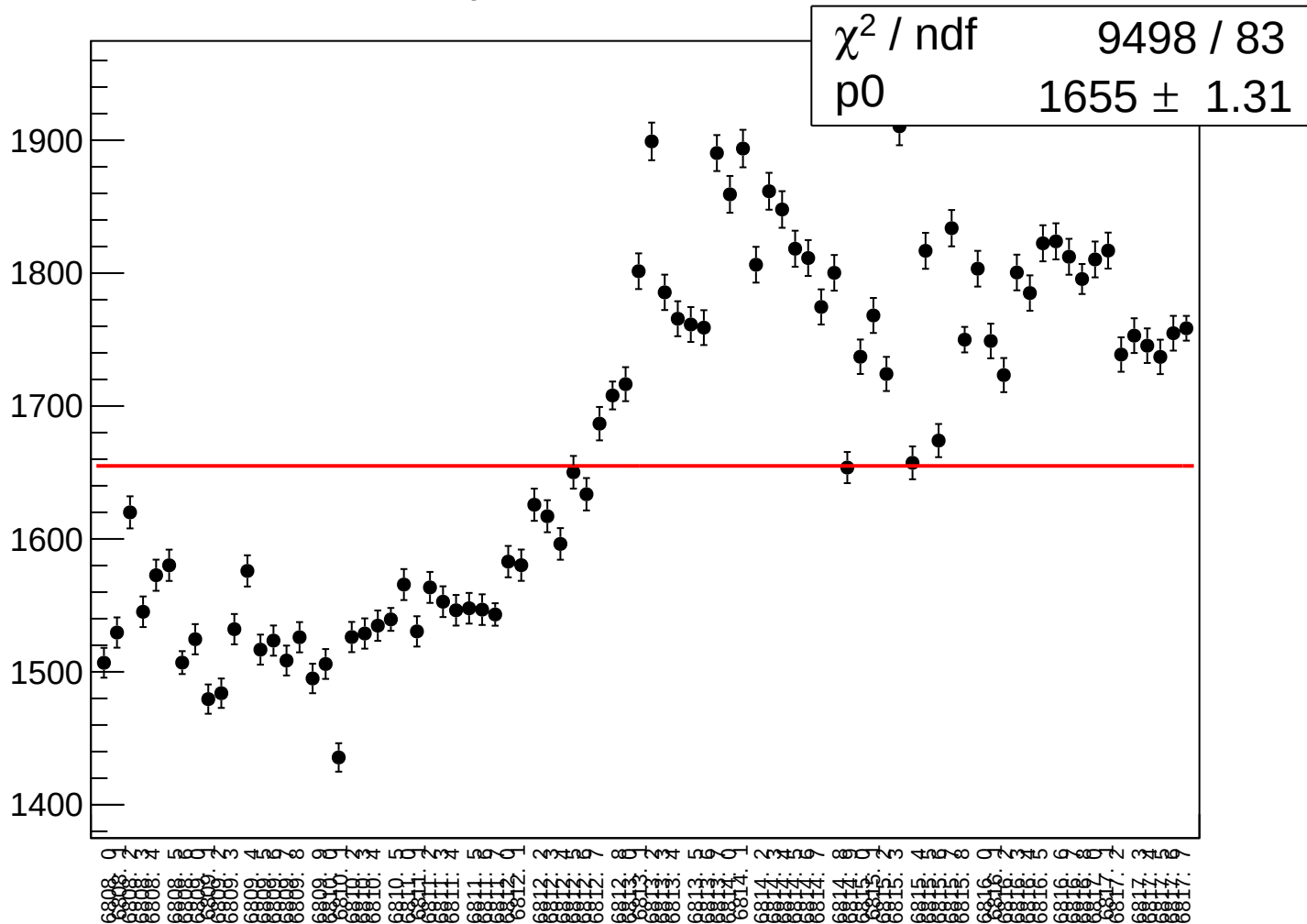
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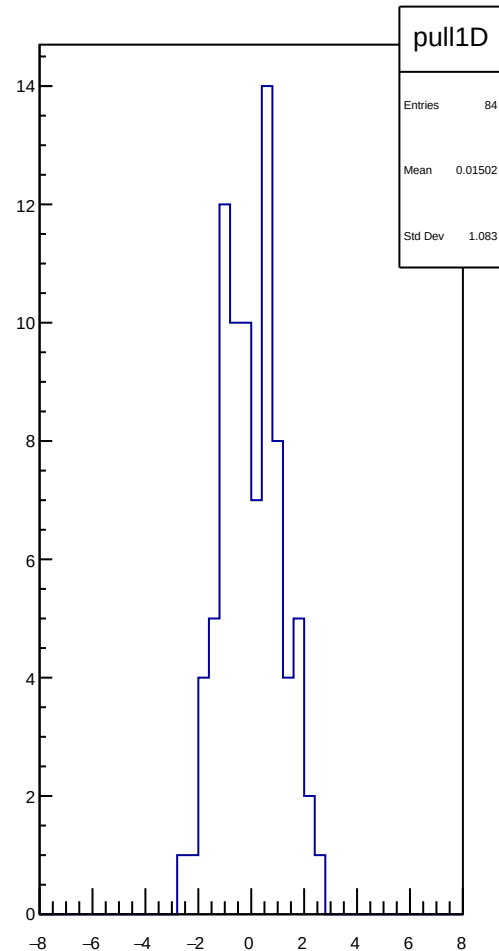
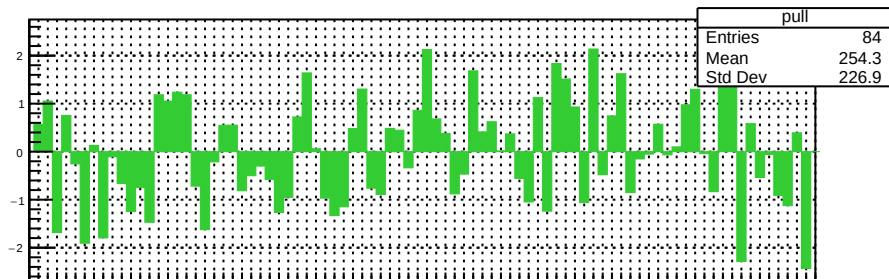
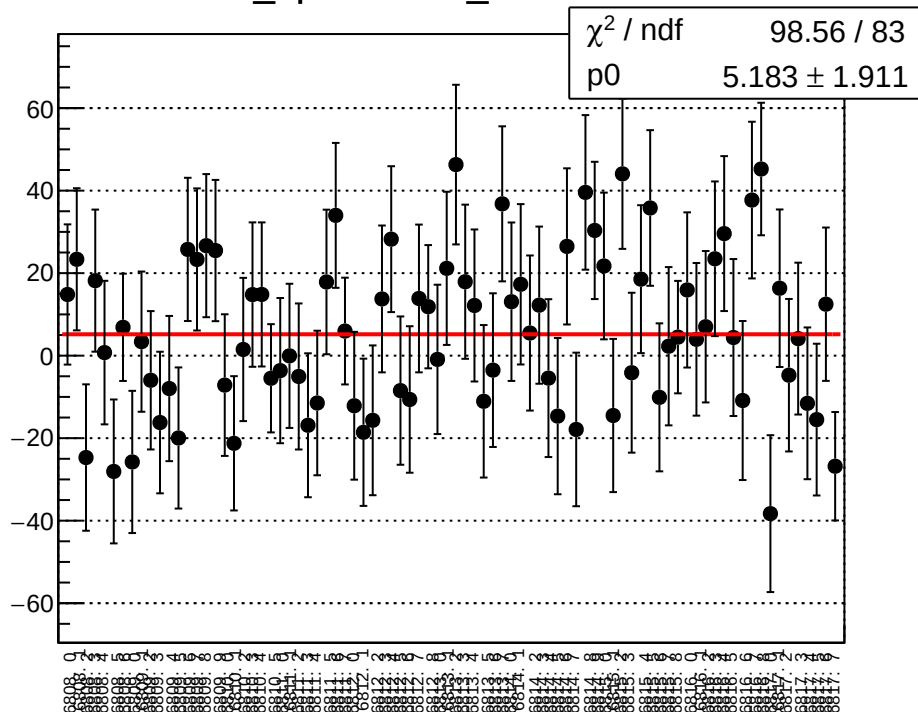
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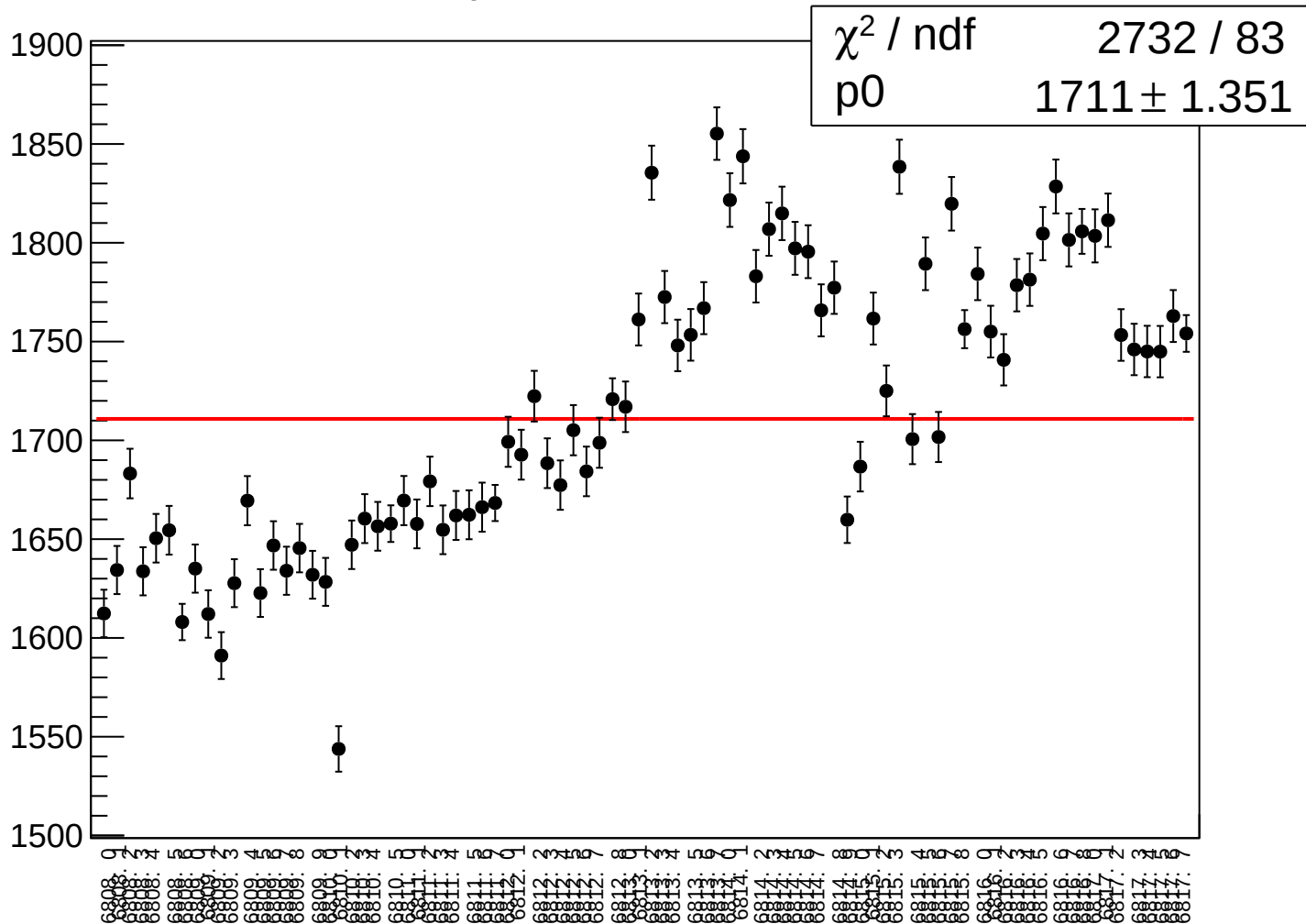
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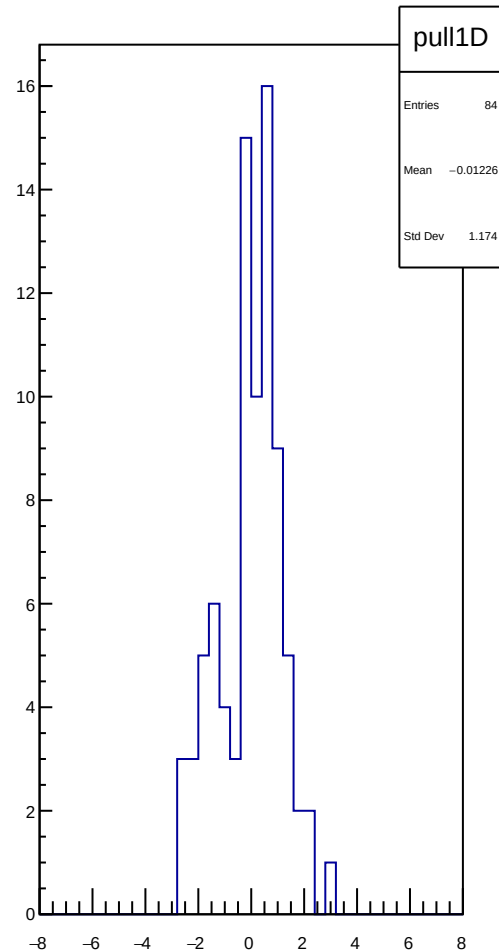
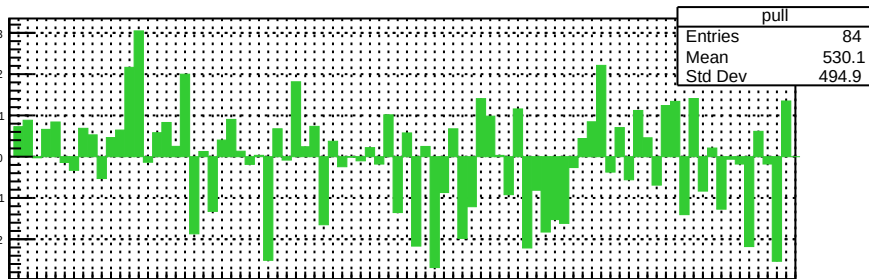
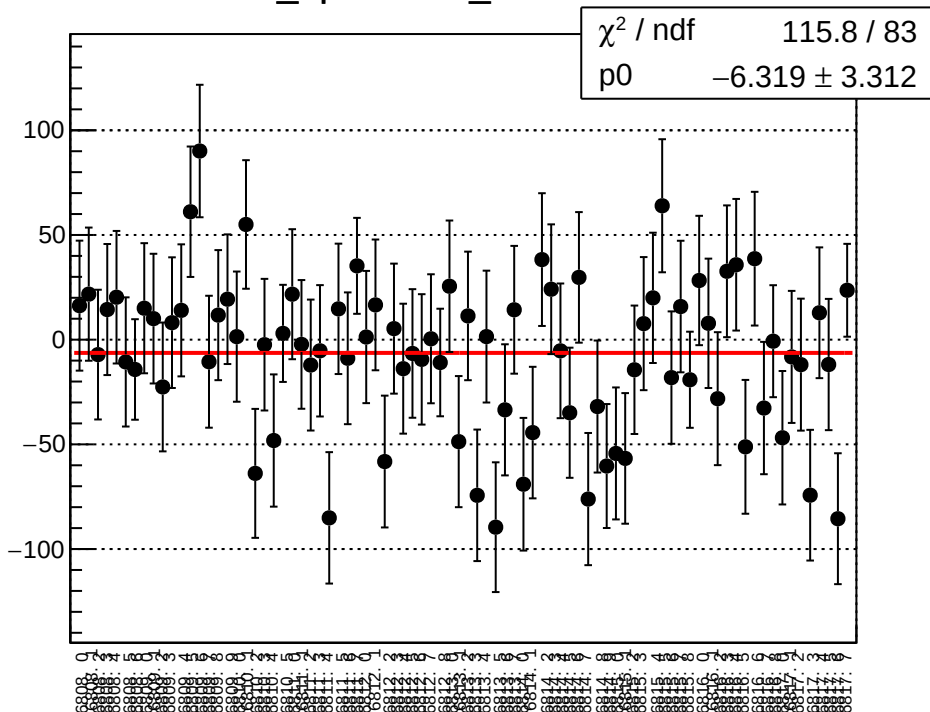
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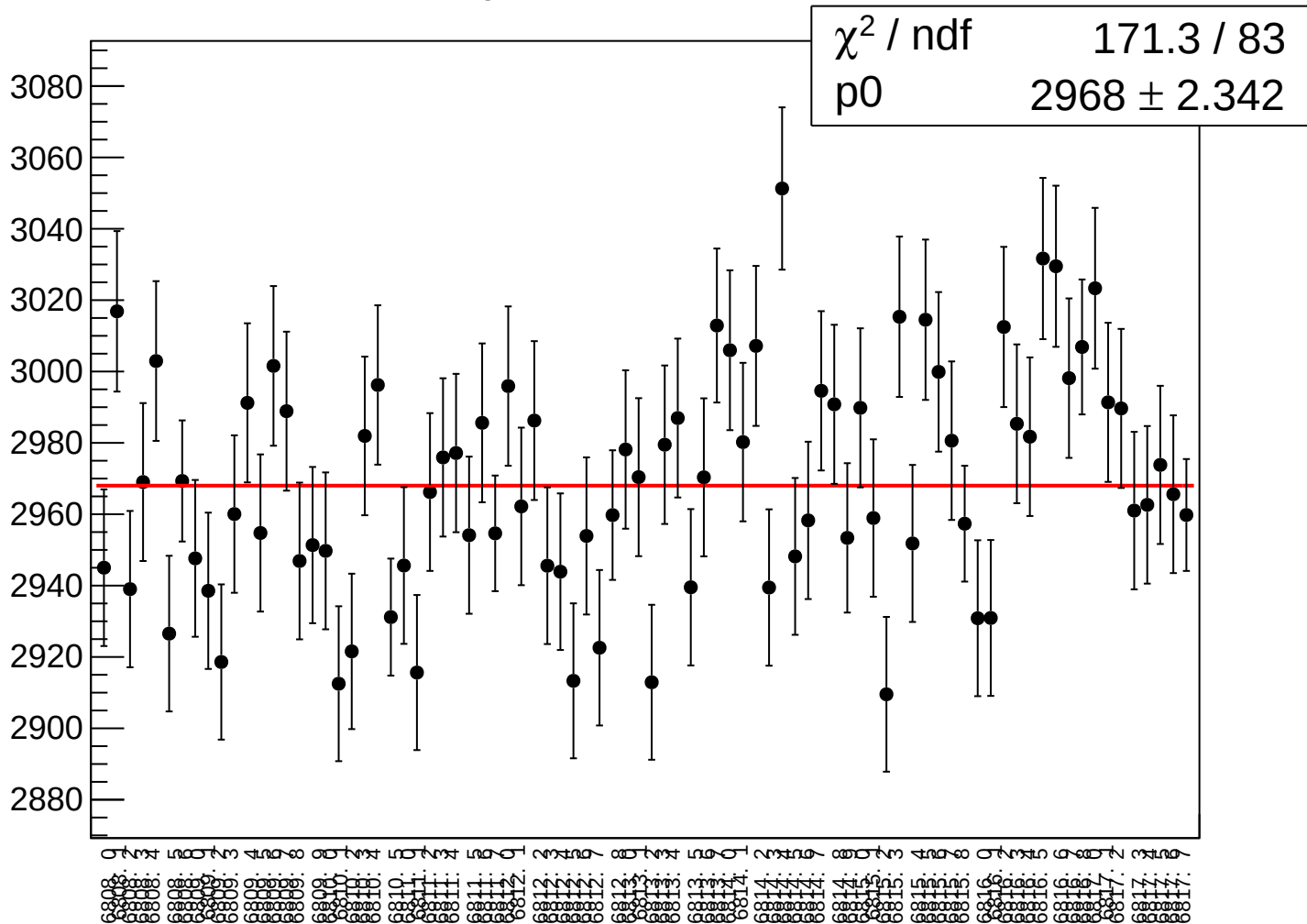
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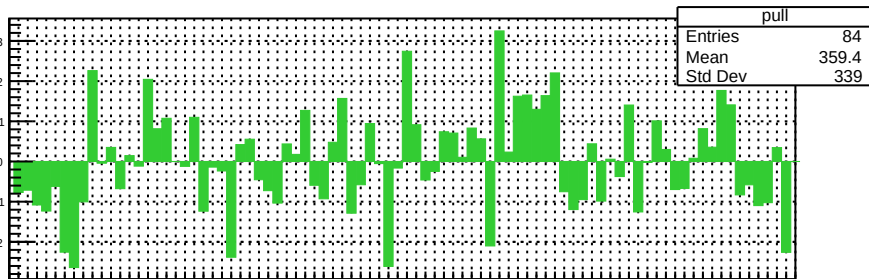
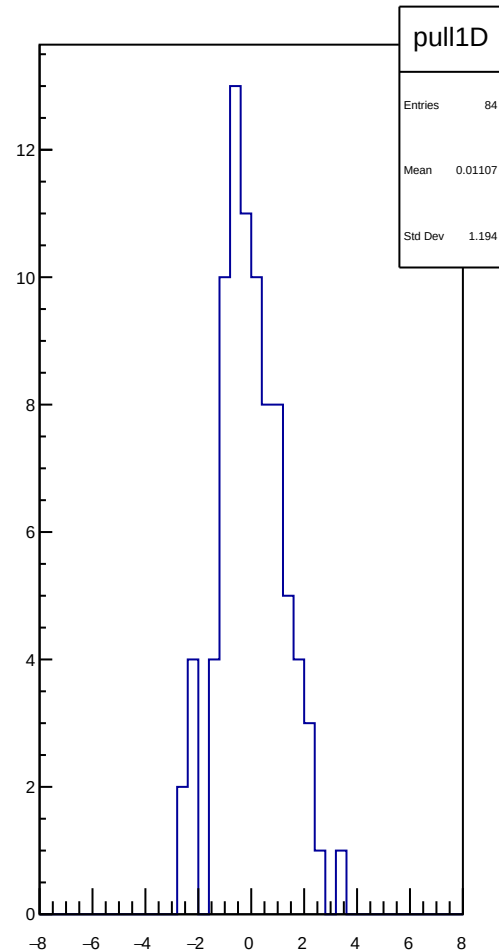
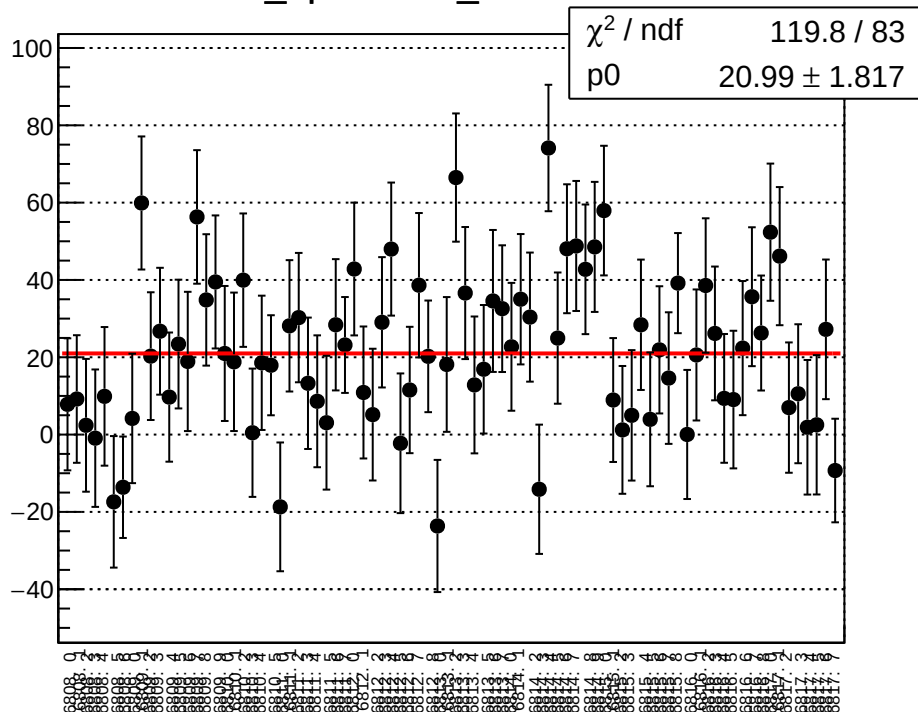
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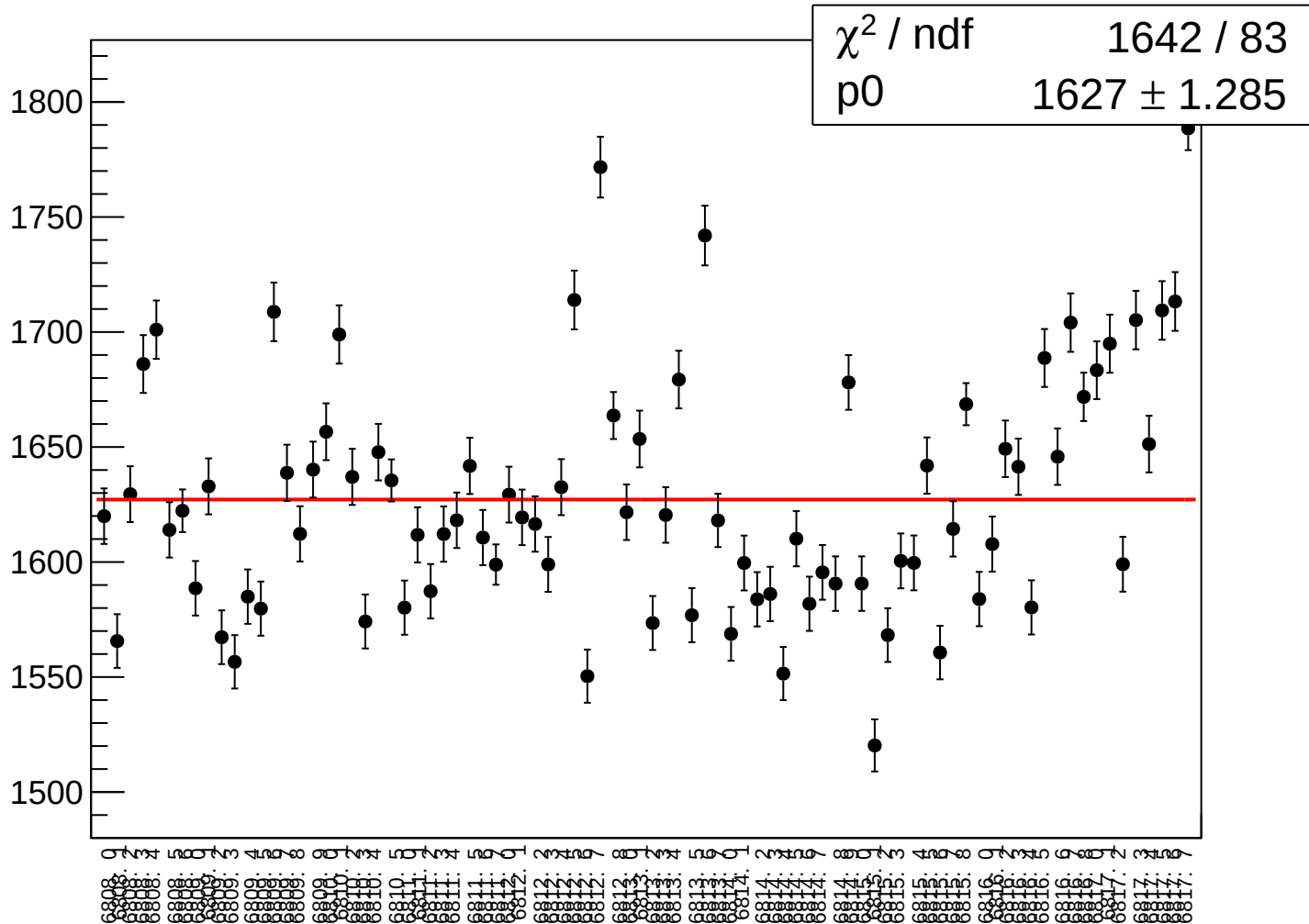
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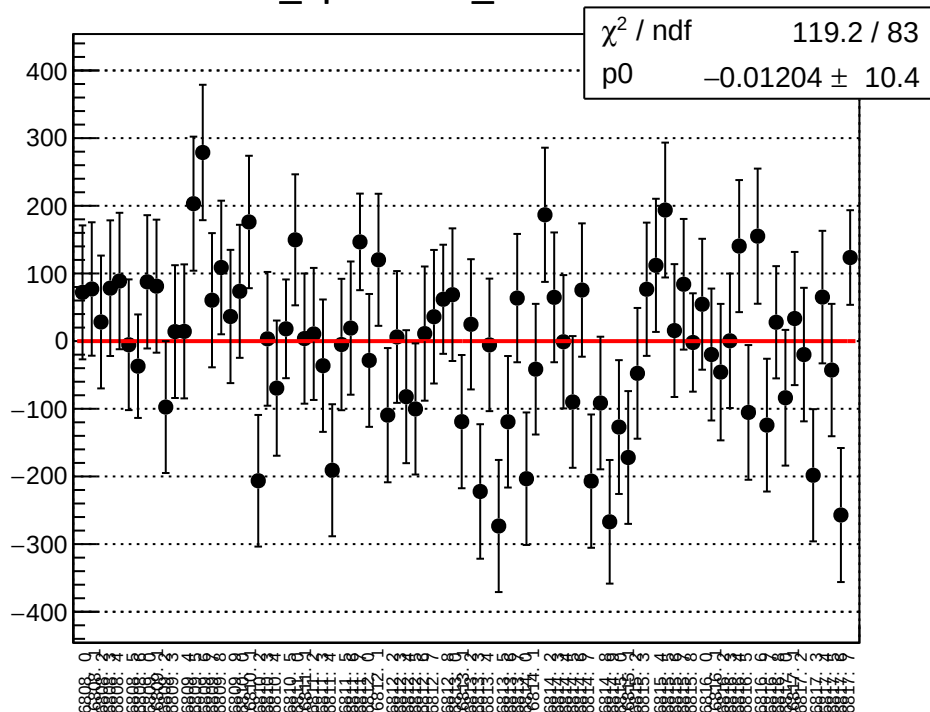
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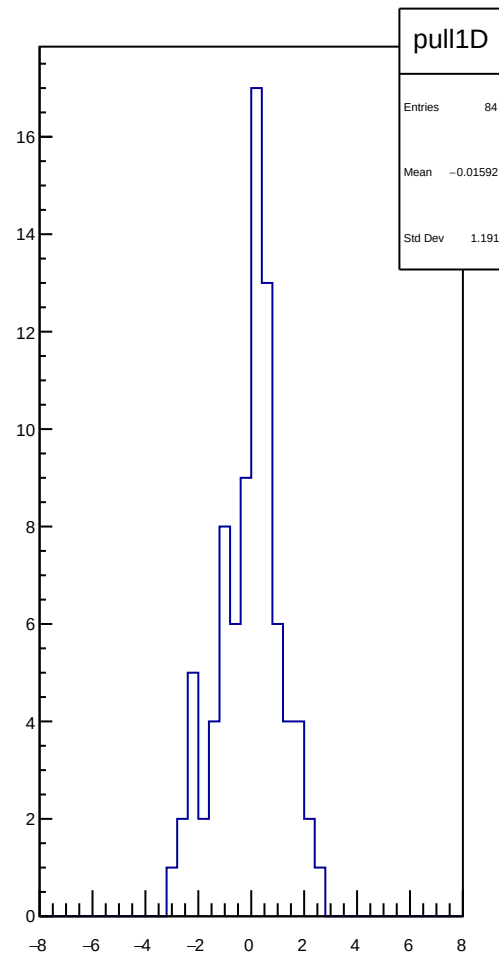
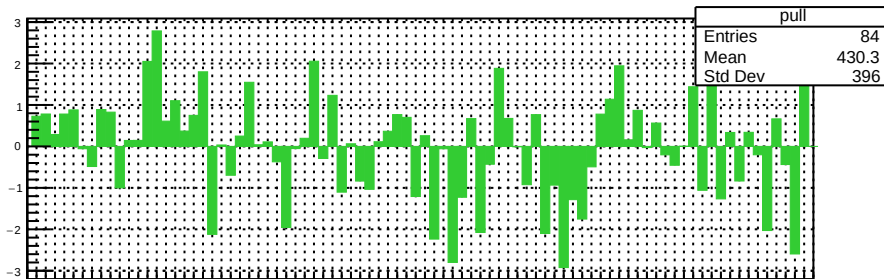
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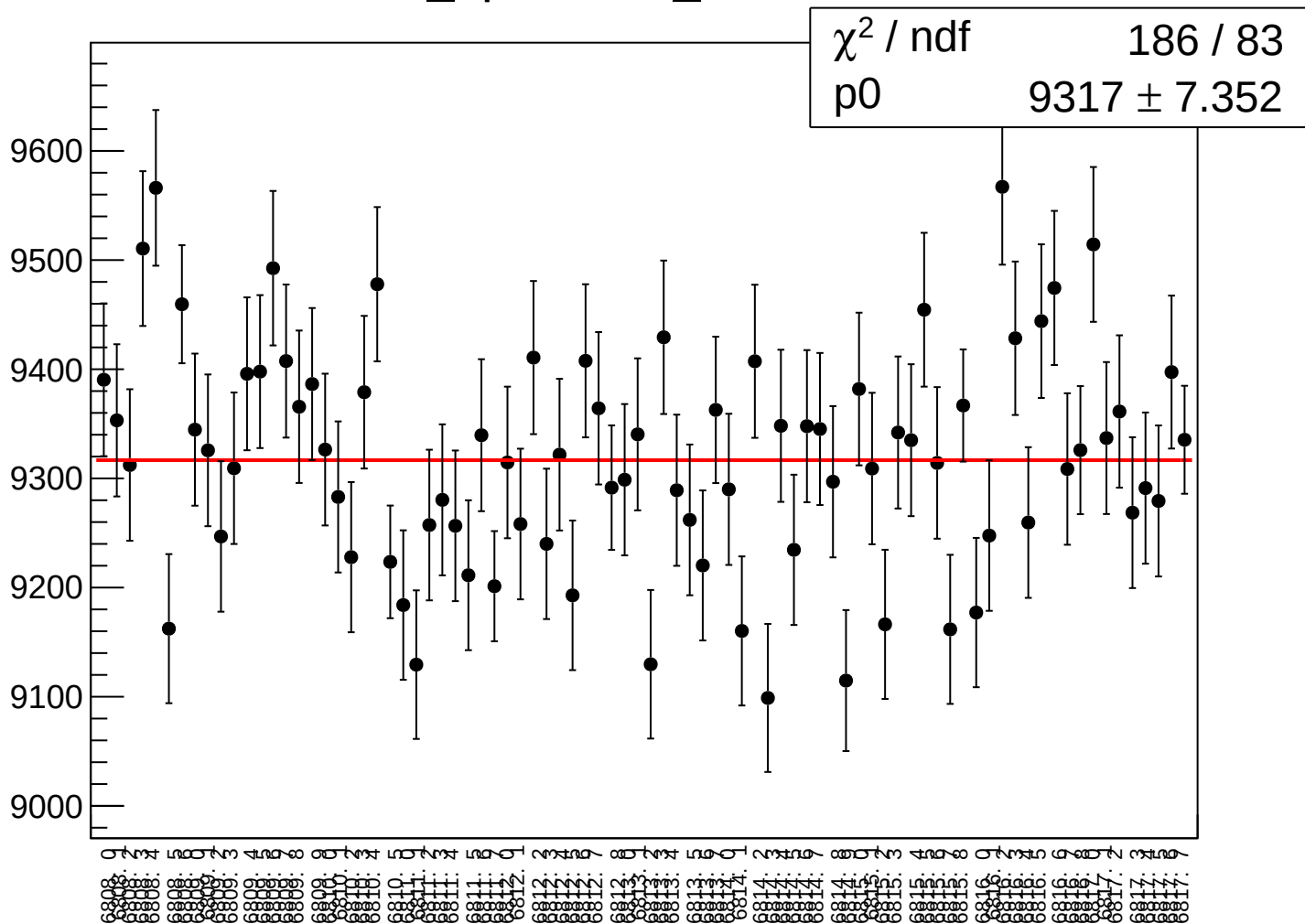
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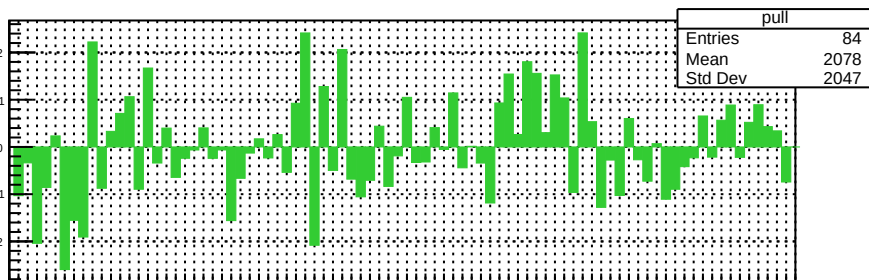
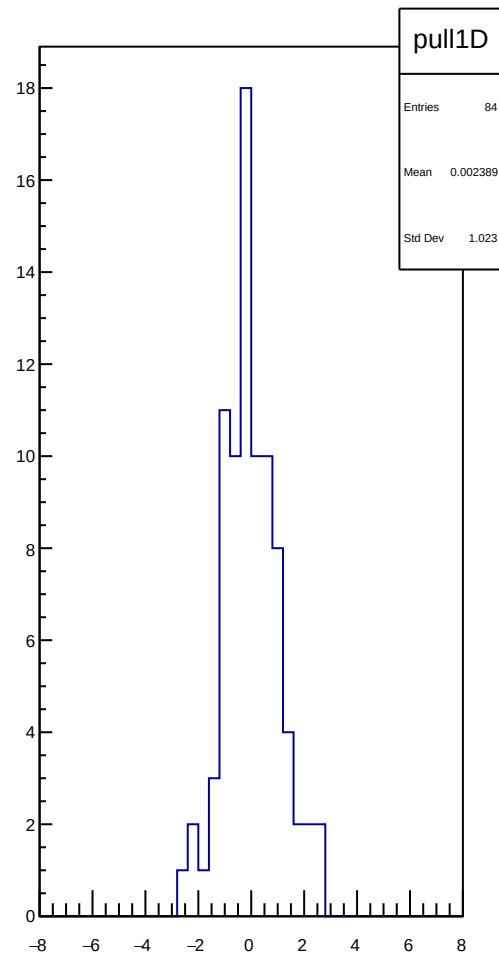
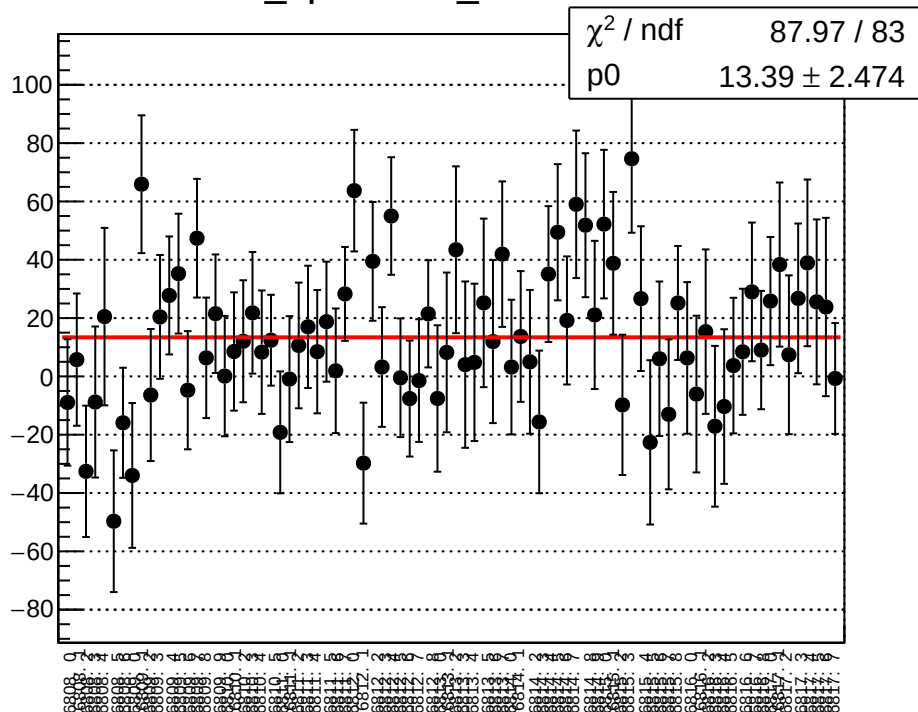
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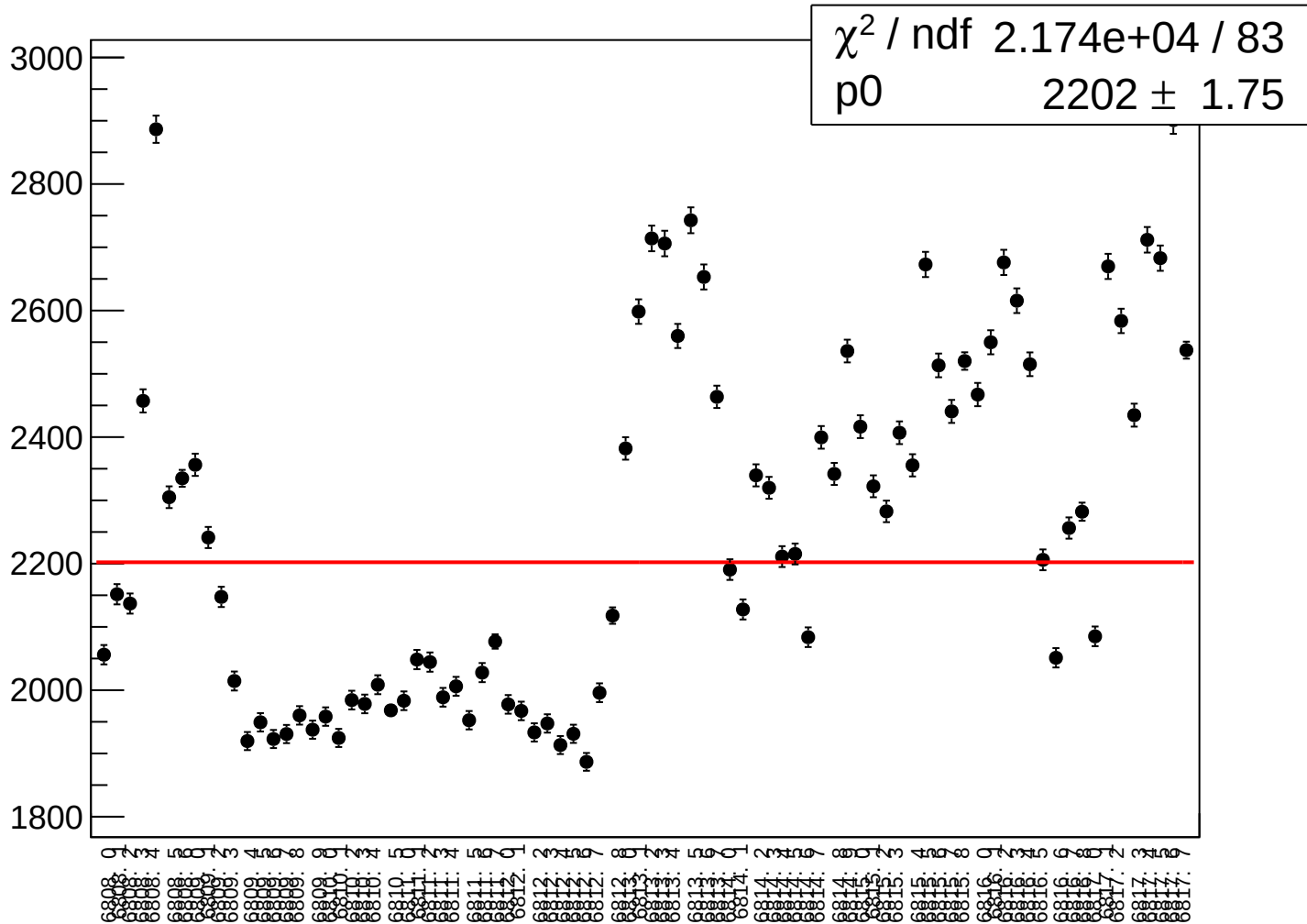
diff_bpm0l02X_rms vs run



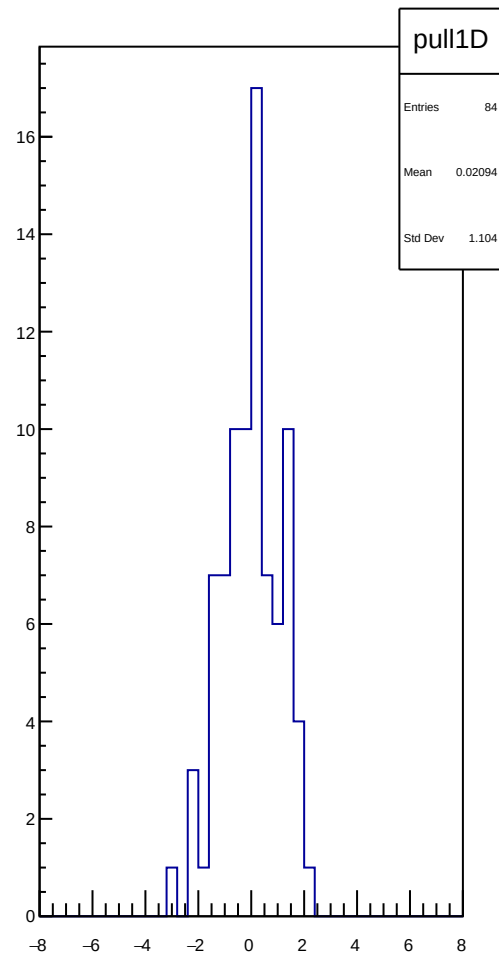
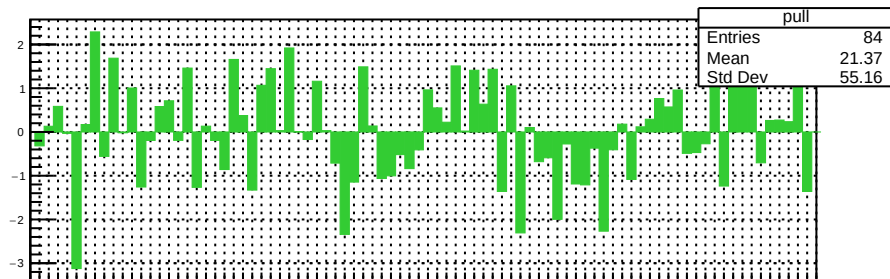
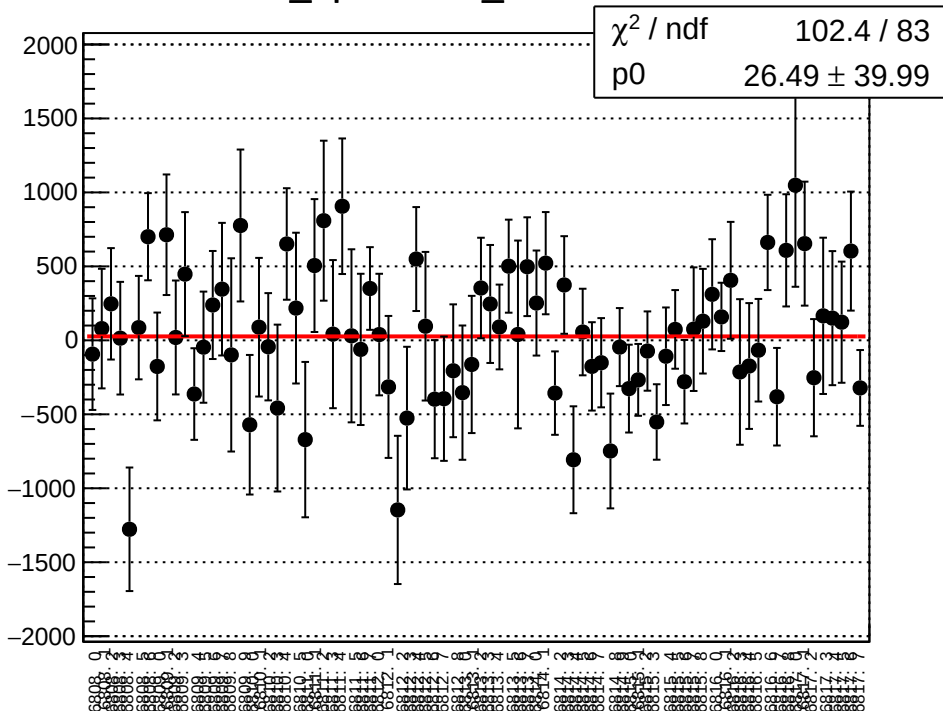
diff_bpm0l02Y_mean vs run



diff_bpm0l02Y_rms vs run



diff_bpm0l03X_mean vs run



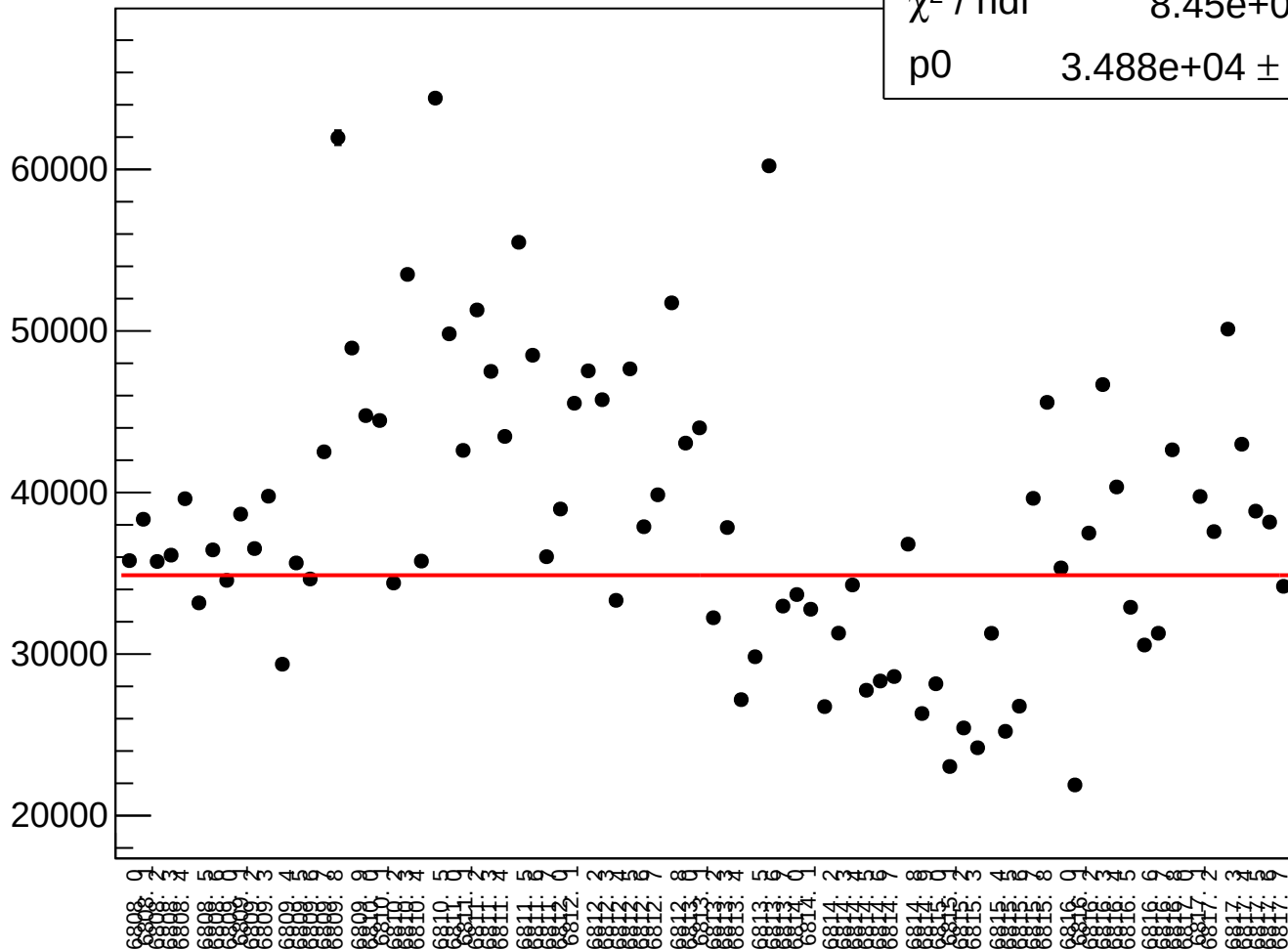
diff_bpm0l03X_rms vs run

χ^2 / ndf

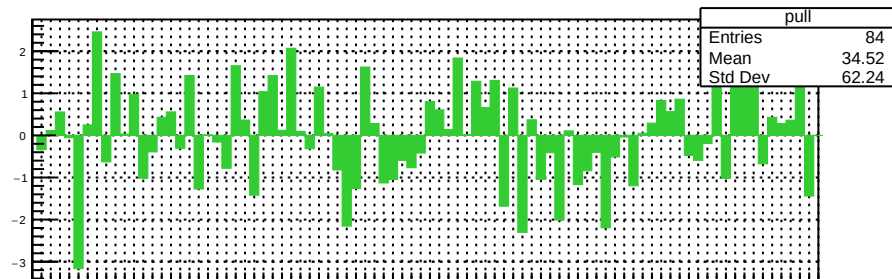
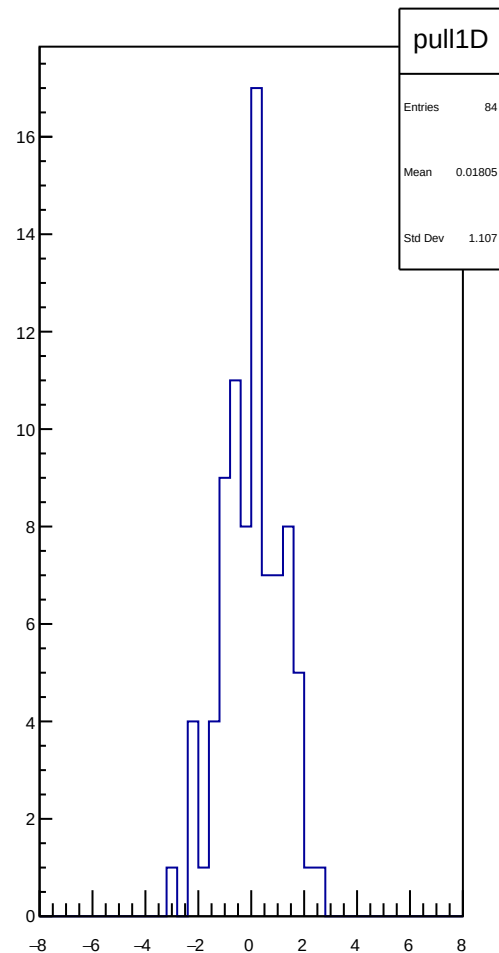
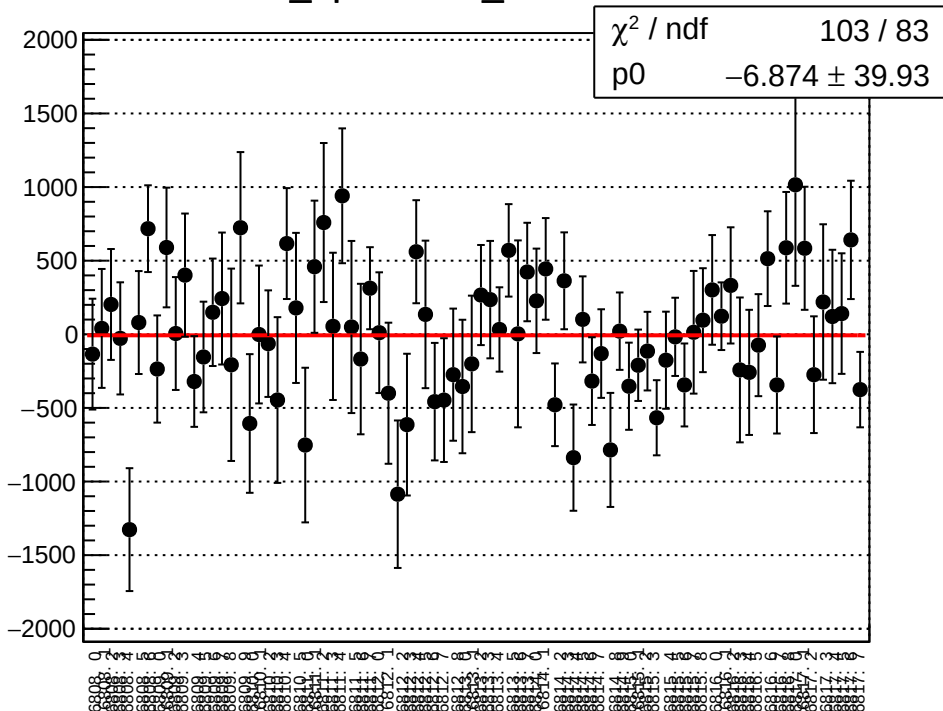
8.45e+04 / 83

p0

3.488e+04 $\pm$ 28.28

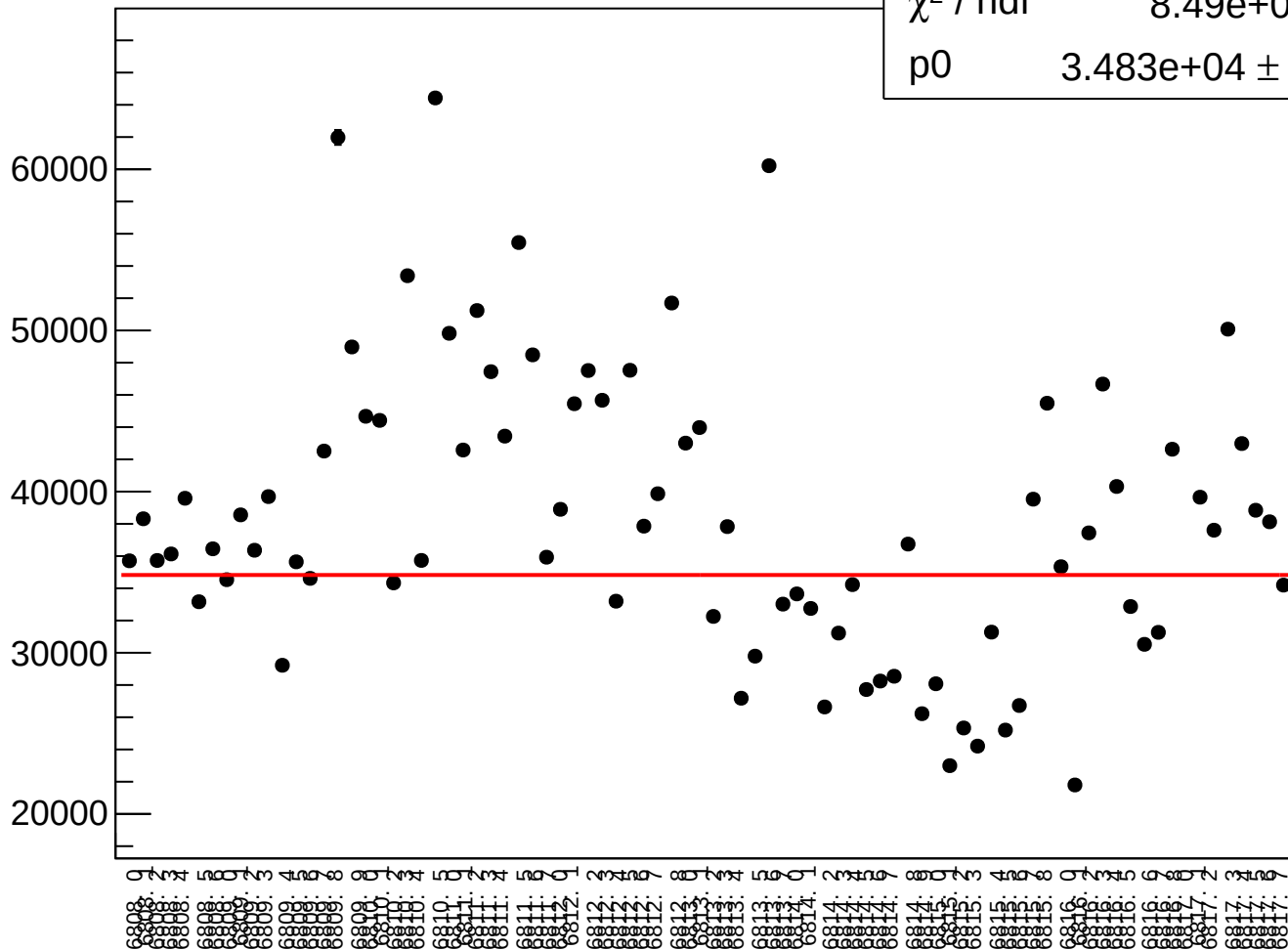


diff_bpm0I03Y_mean vs run

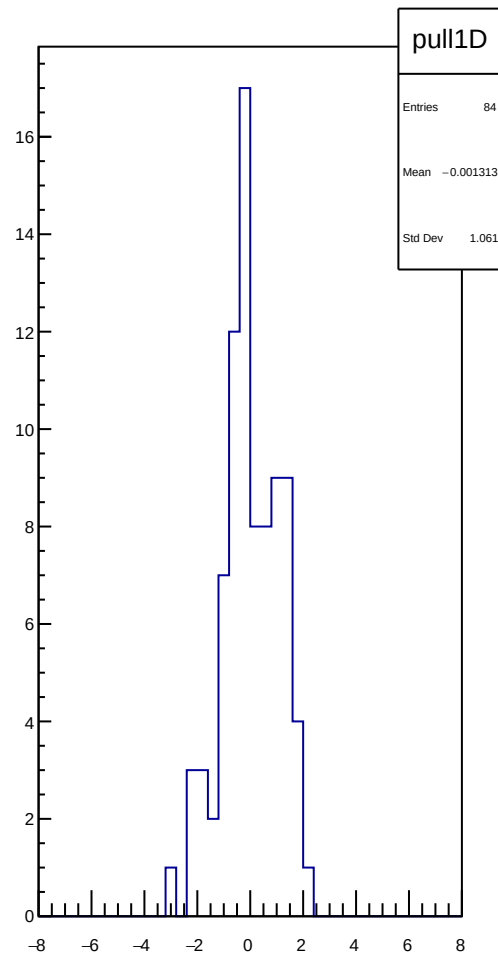
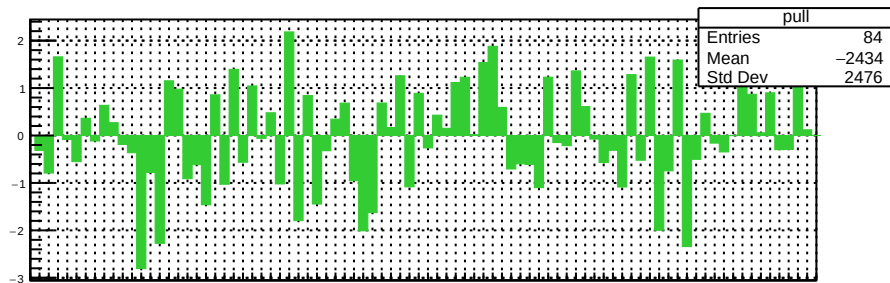
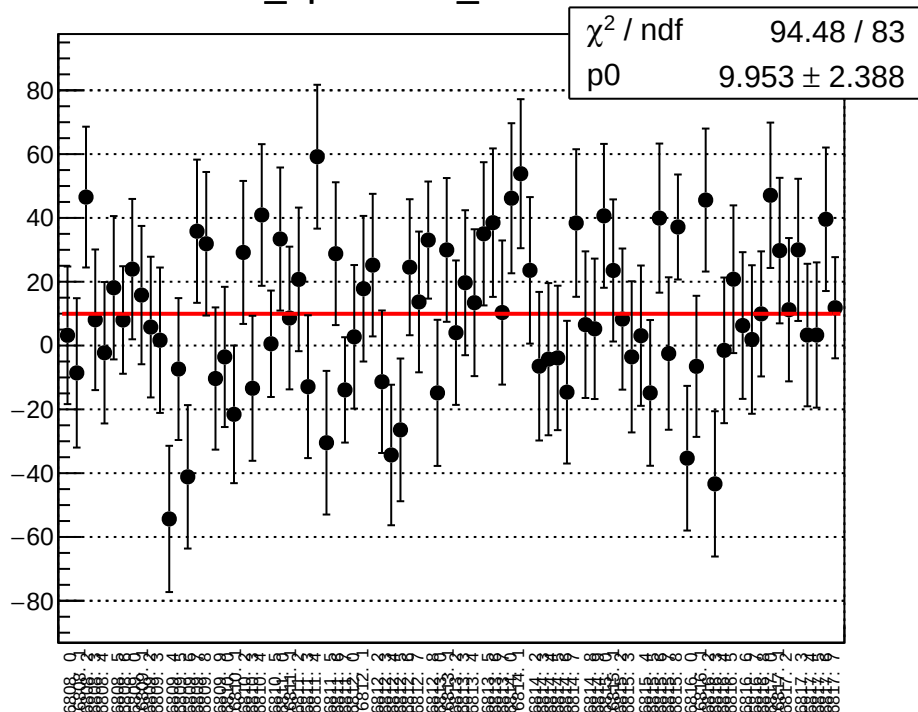


χ^2 / ndf

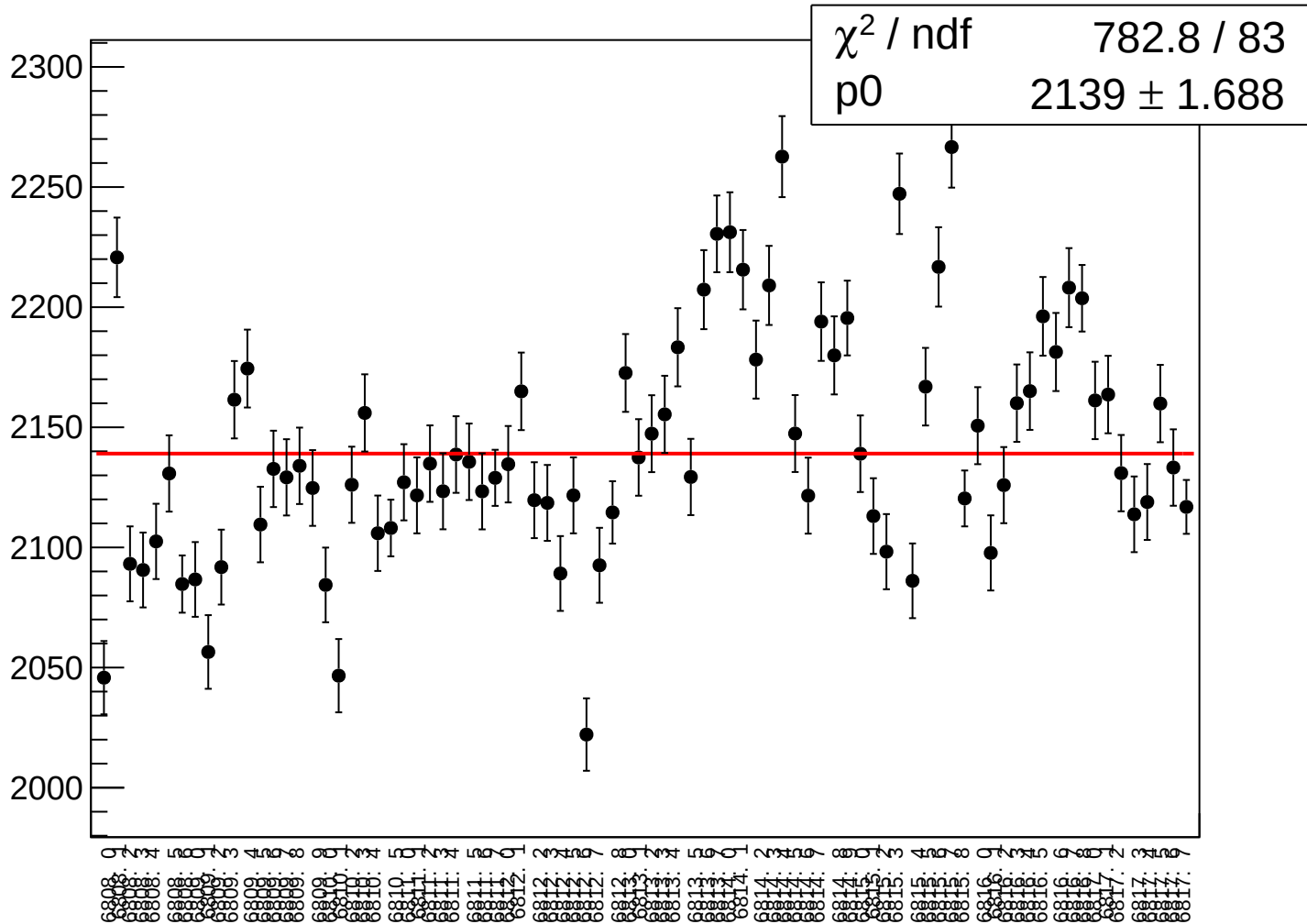
p0

$$3.483\text{e}+04 \pm 28.24$$


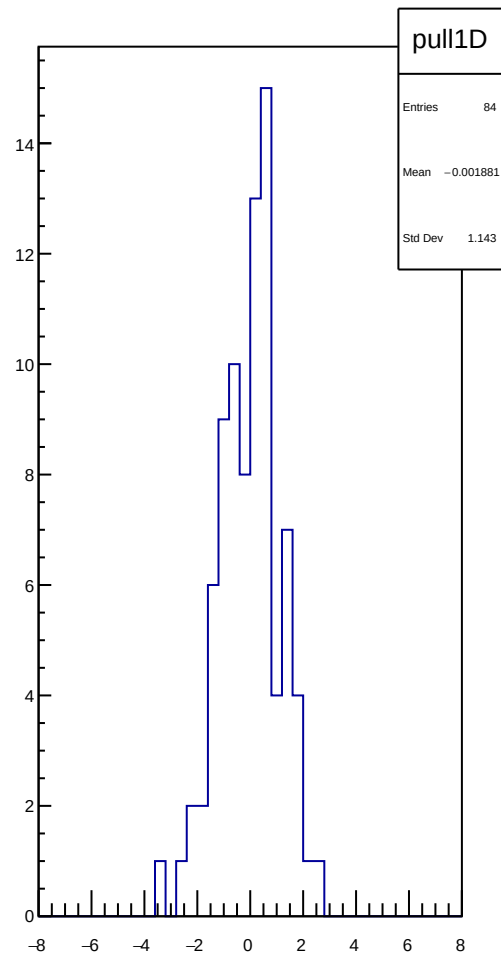
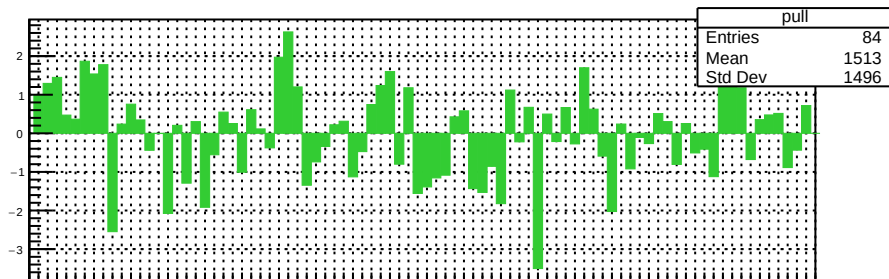
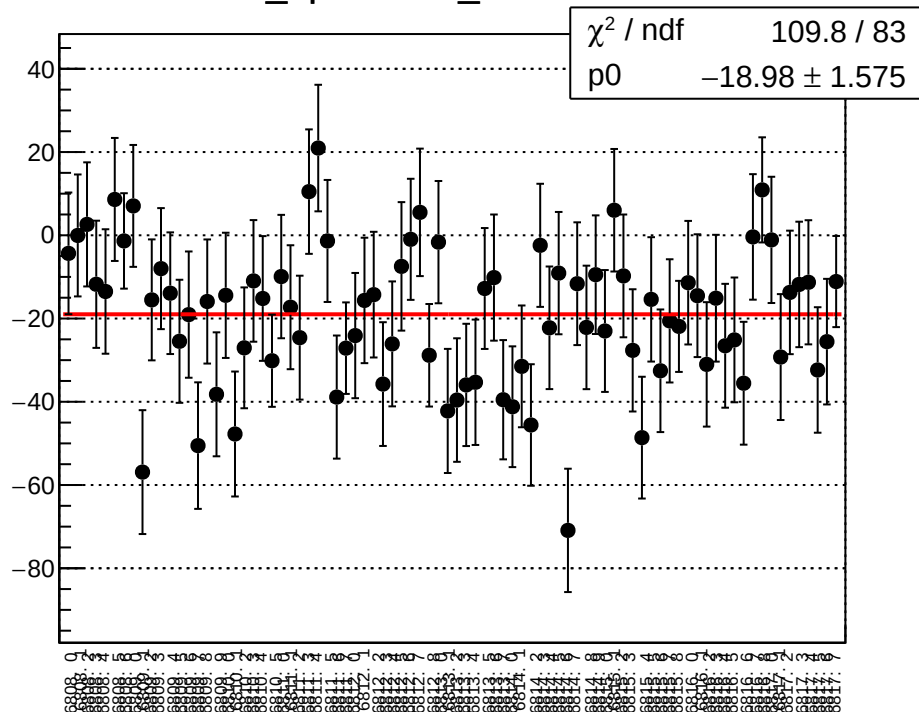
diff_bpm0l04X_mean vs run



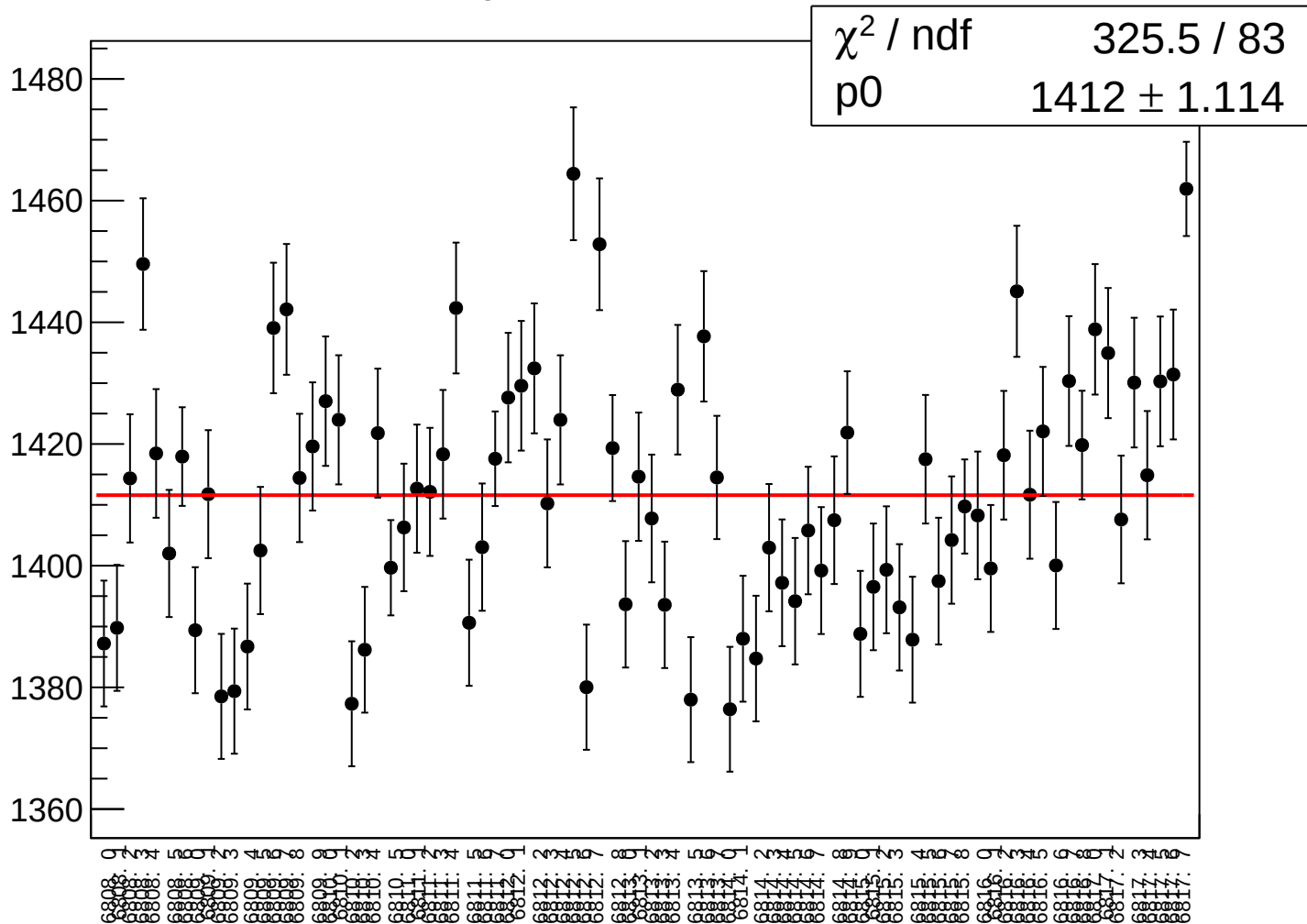
diff_bpm0l04X_rms vs run



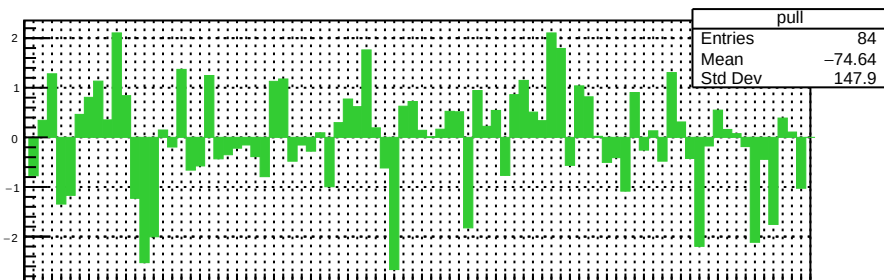
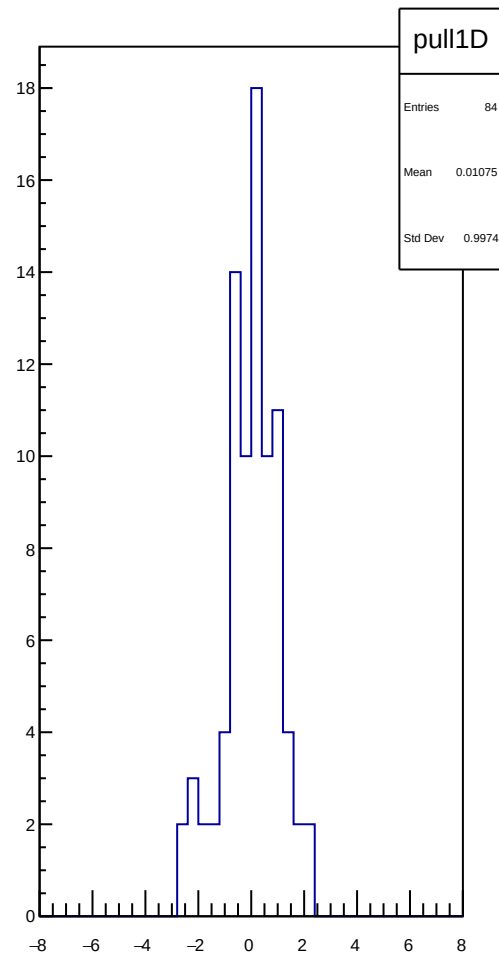
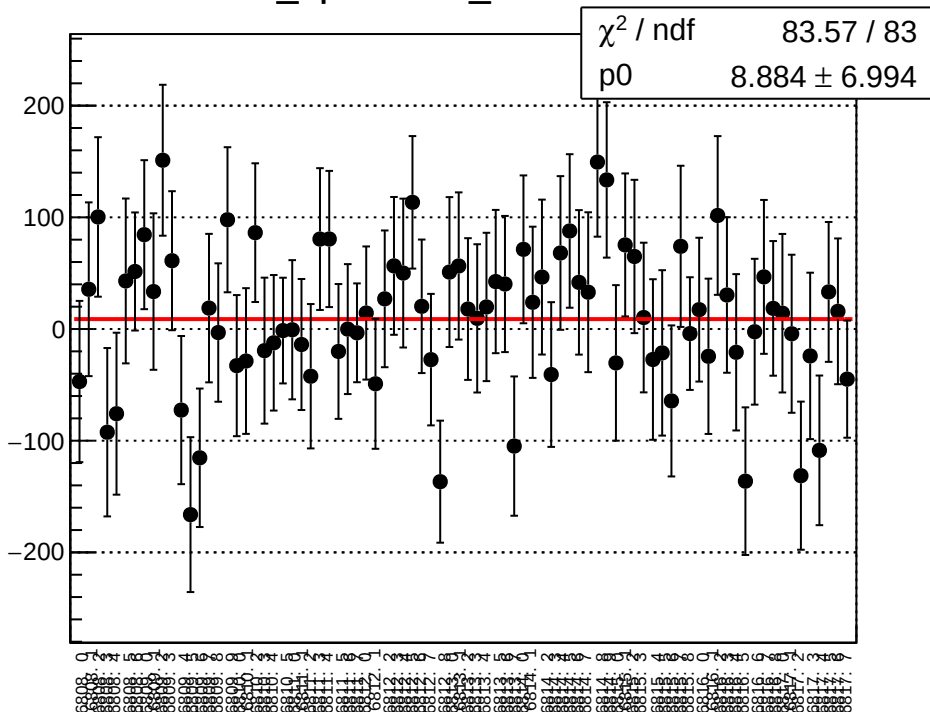
diff_bpm0l04Y_mean vs run



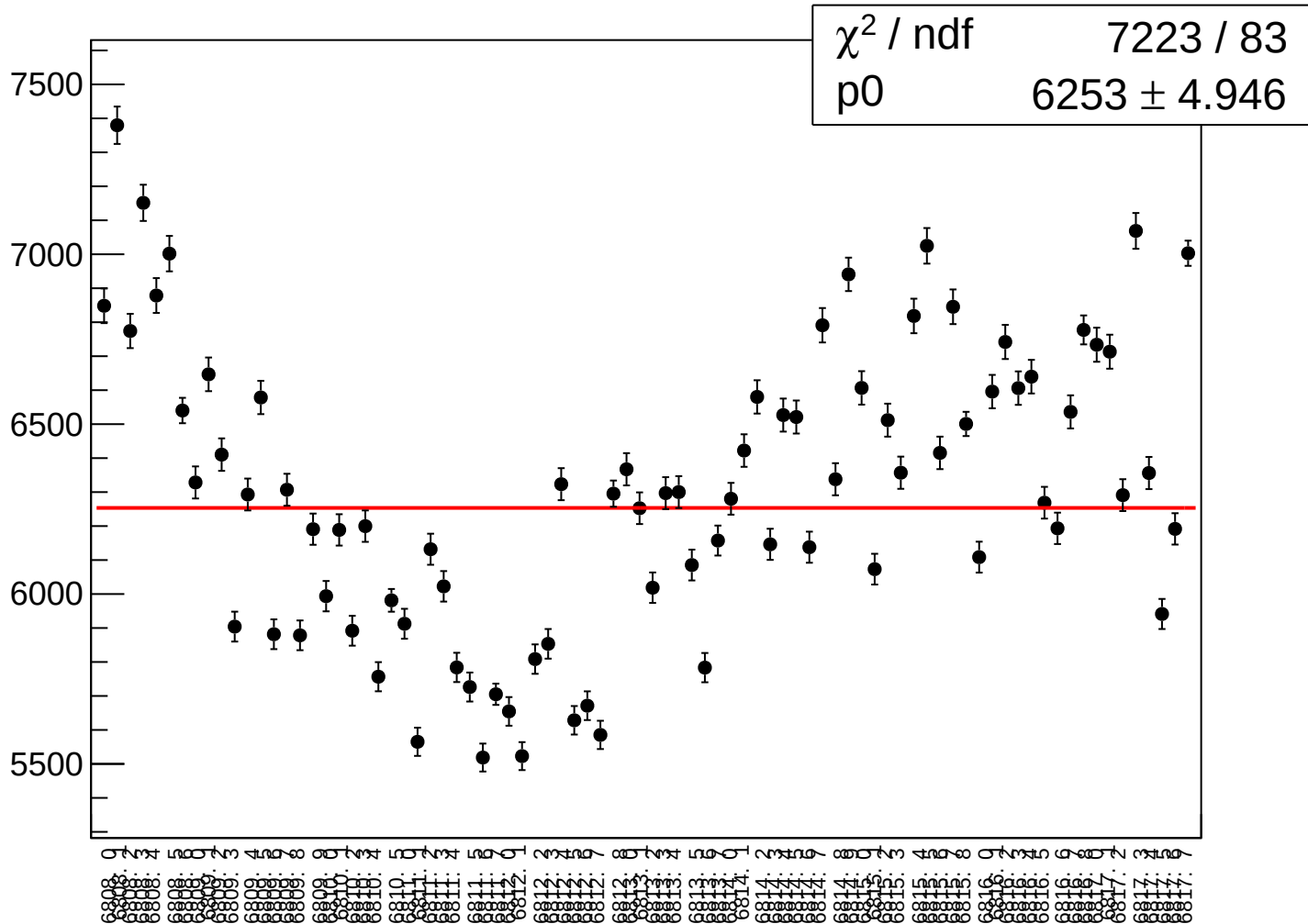
diff_bpm0l04Y_rms vs run



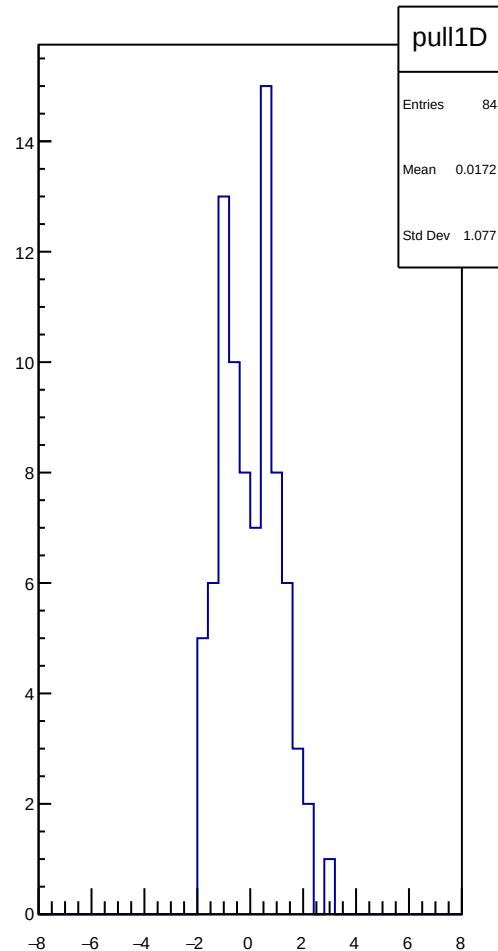
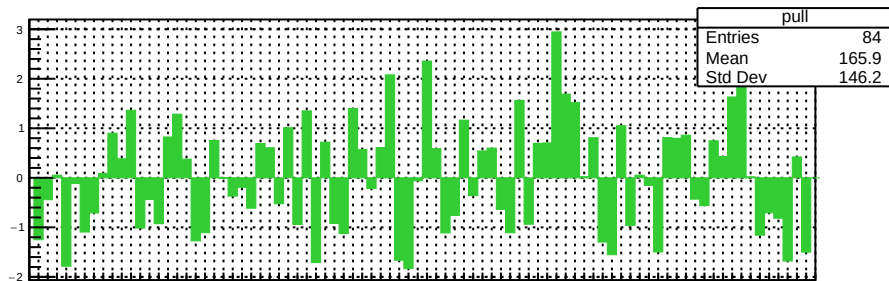
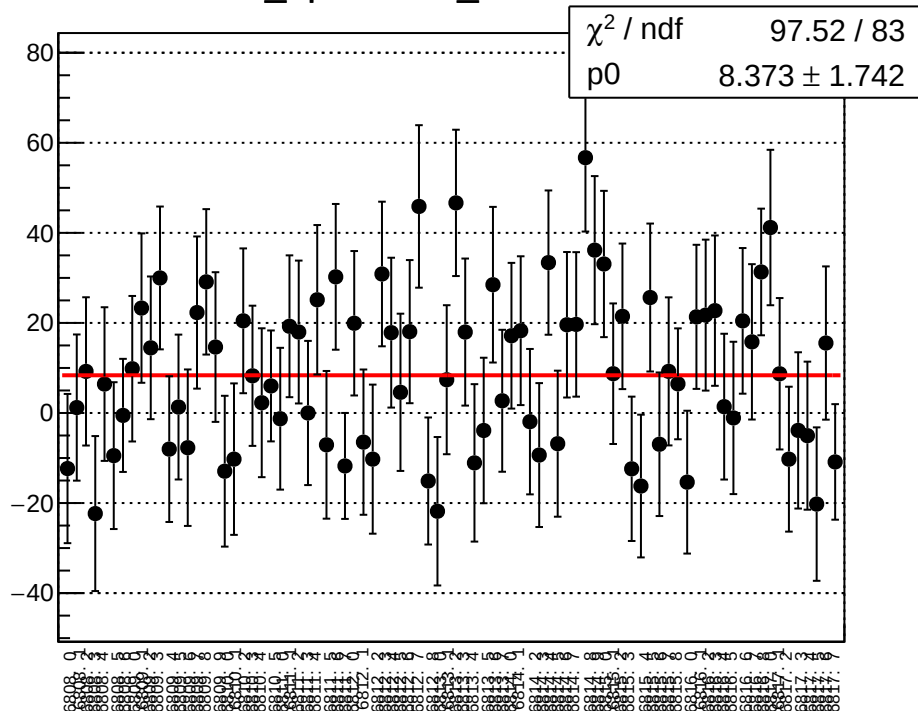
diff_bpm0I05X_mean vs run



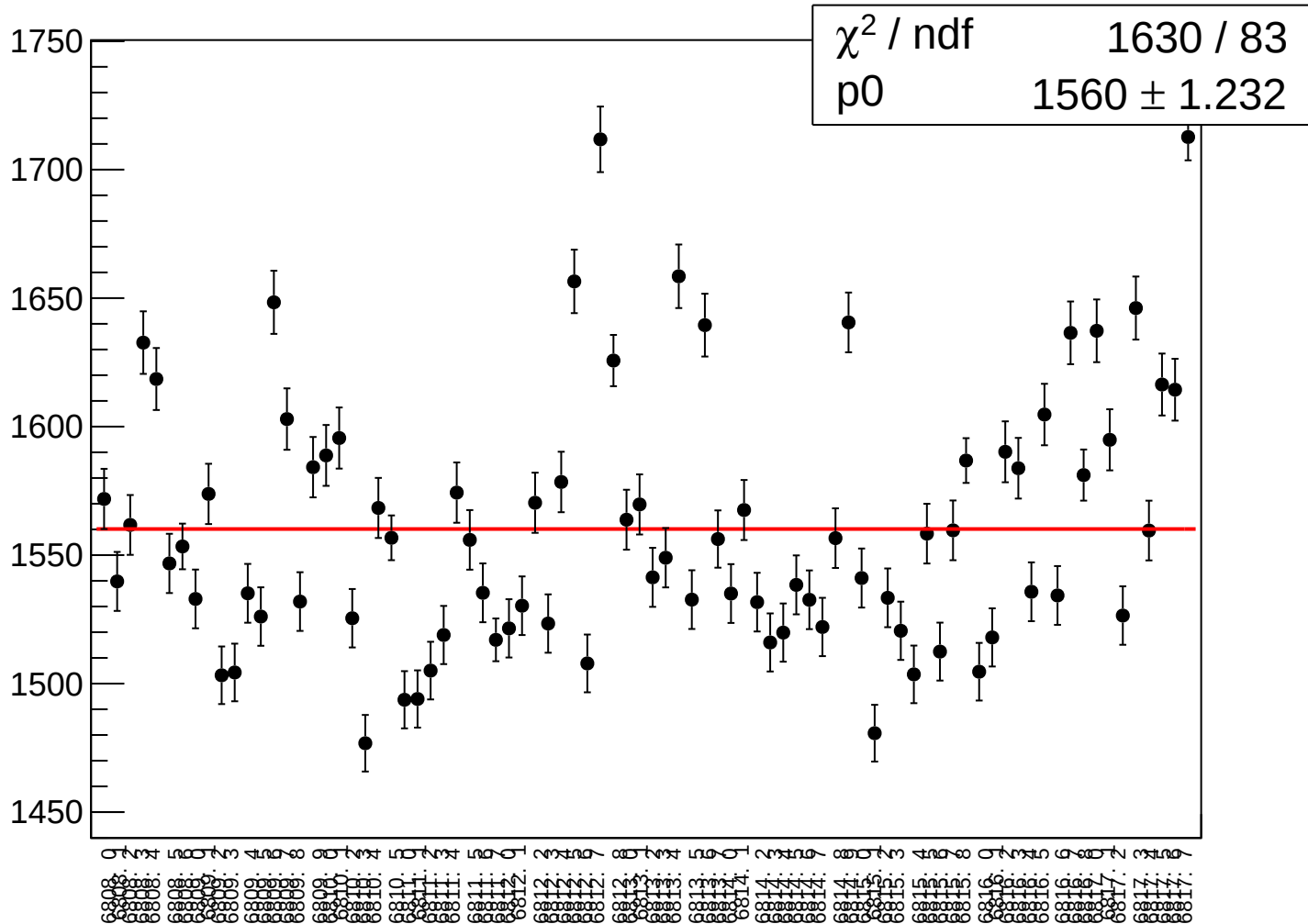
diff_bpm0l05X_rms vs run



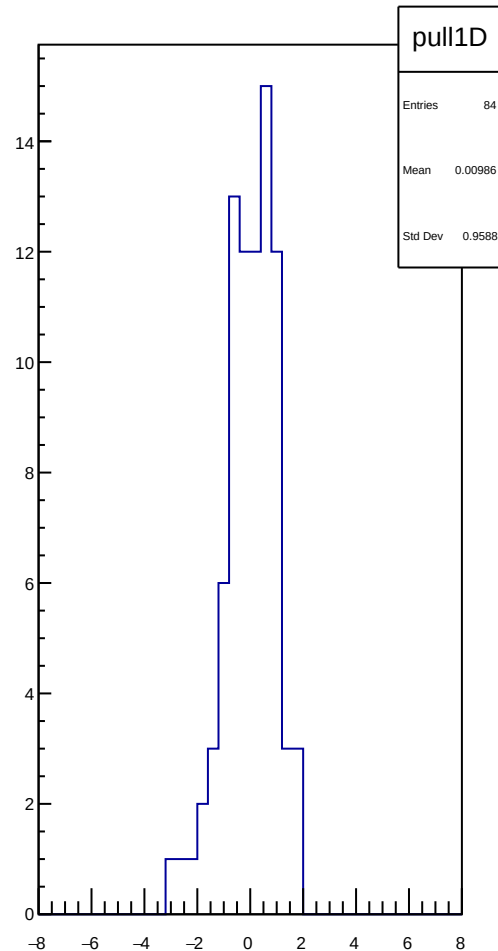
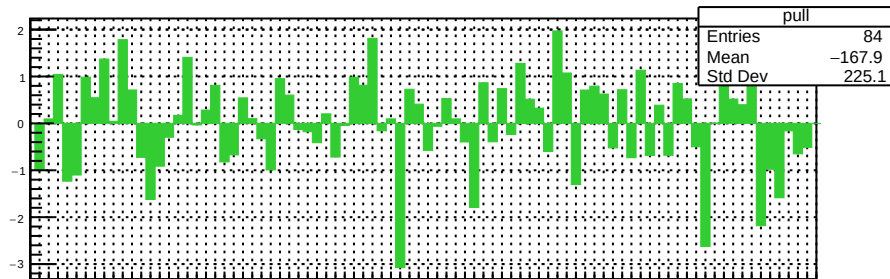
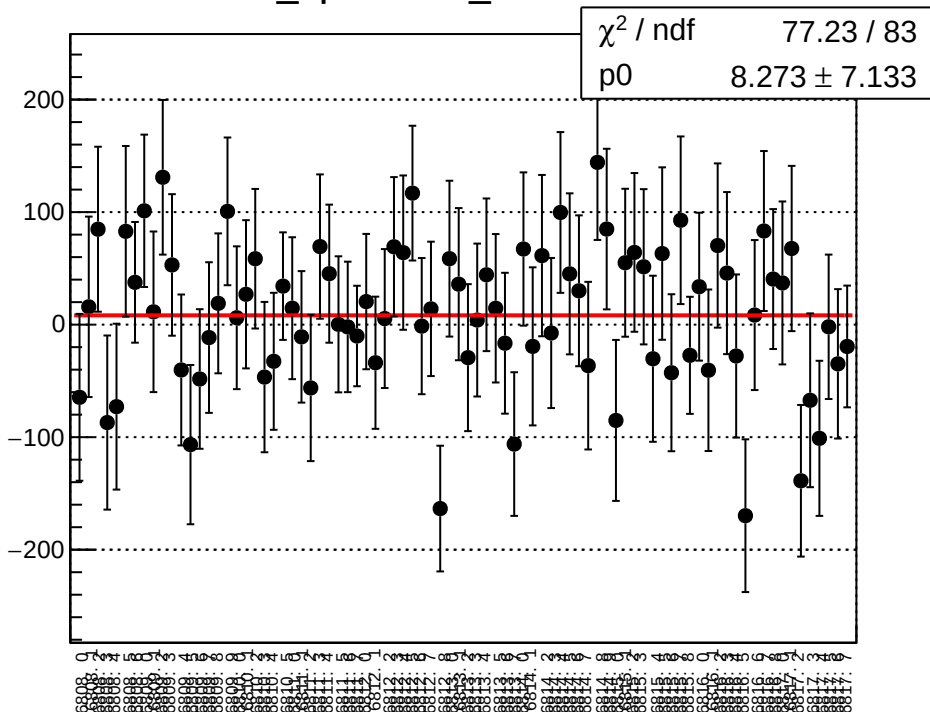
diff_bpm0l05Y_mean vs run



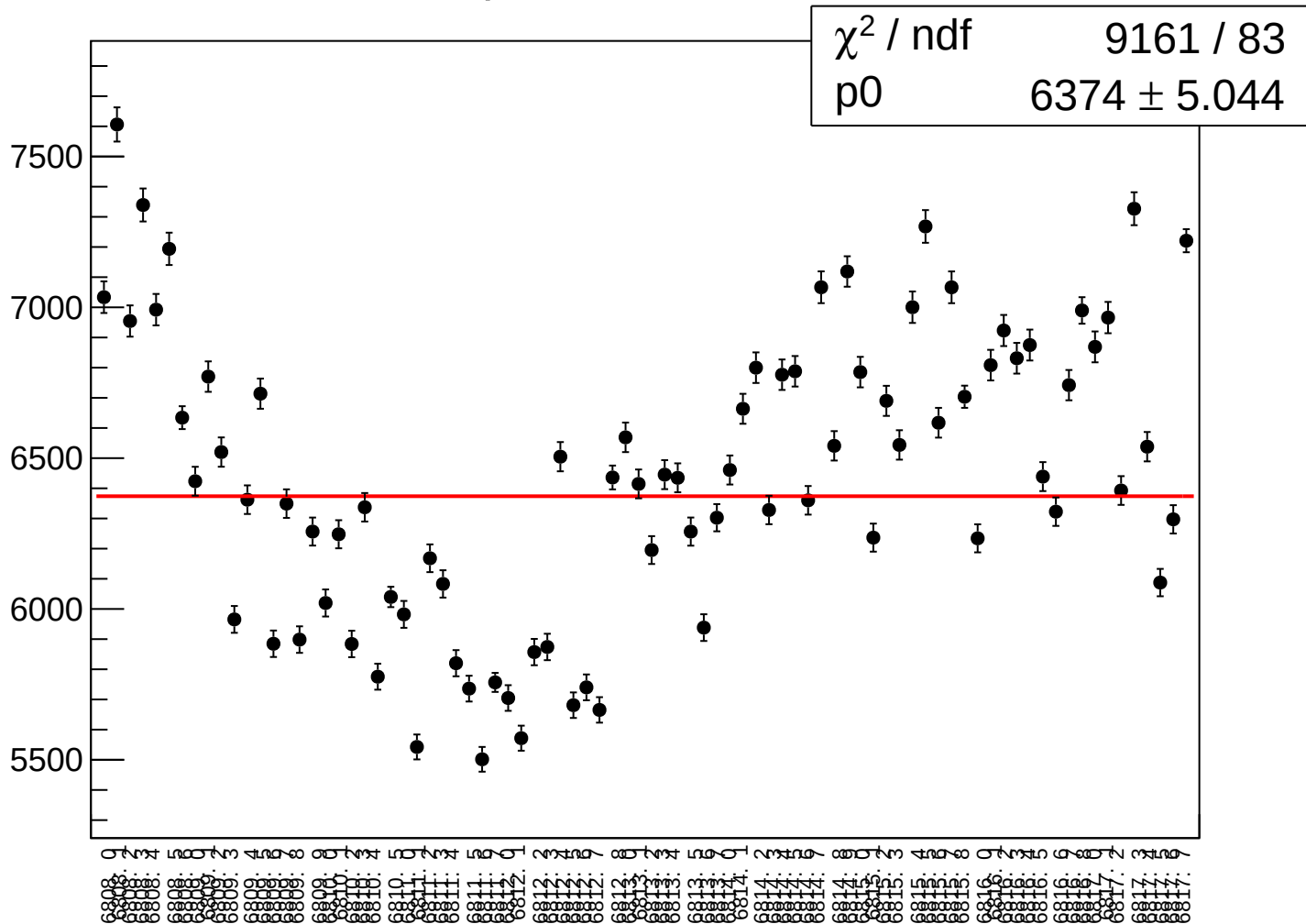
diff_bpm0l05Y_rms vs run



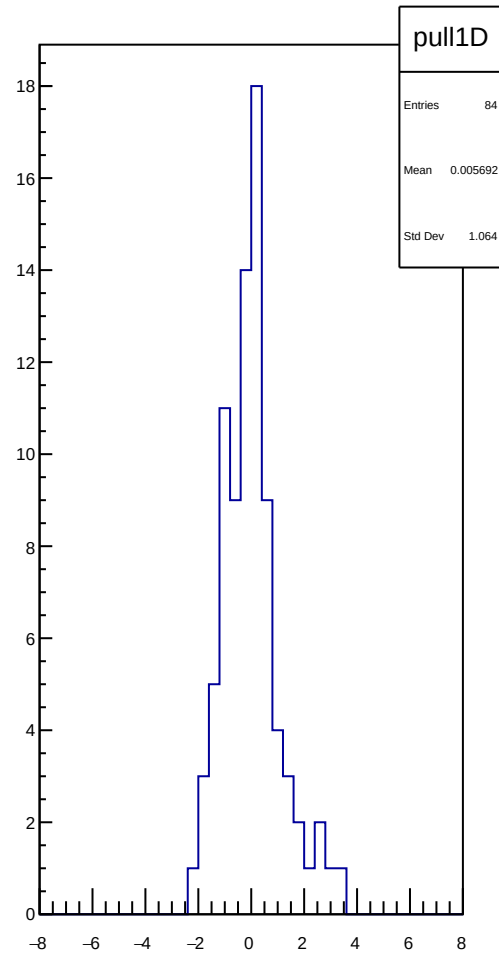
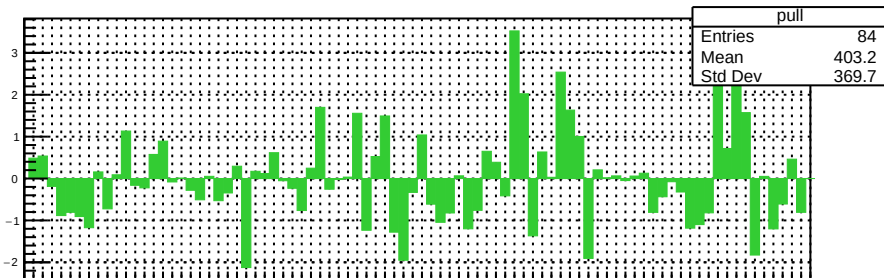
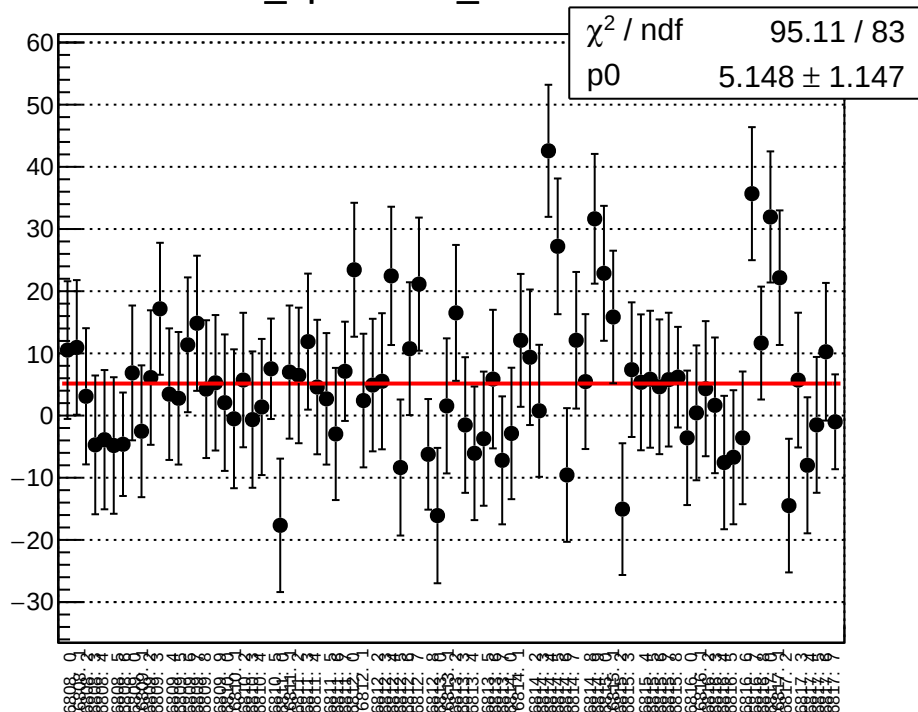
diff_bpm0I06X_mean vs run



diff_bpm0l06X_rms vs run

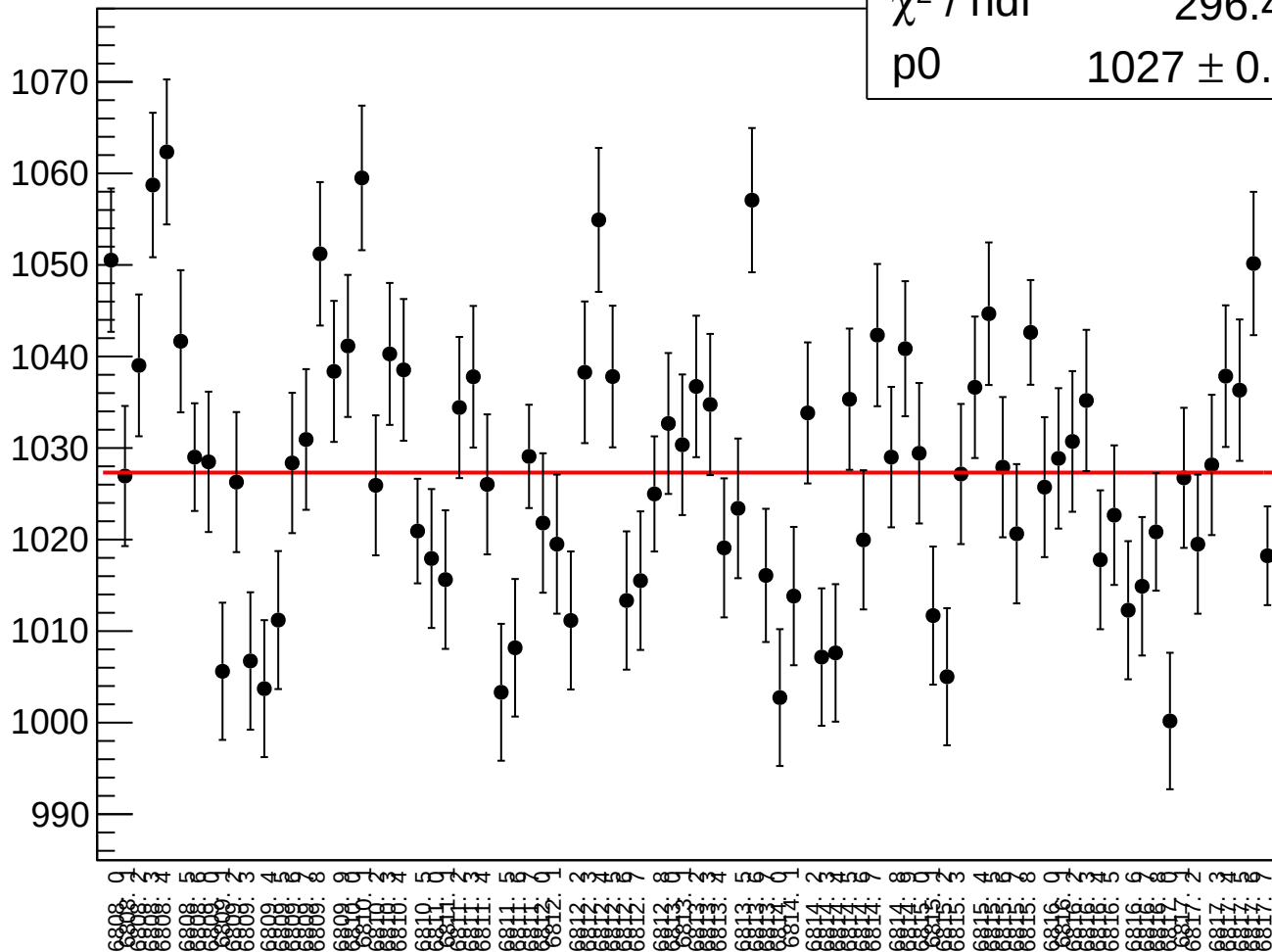


diff_bpm0l06Y_mean vs run

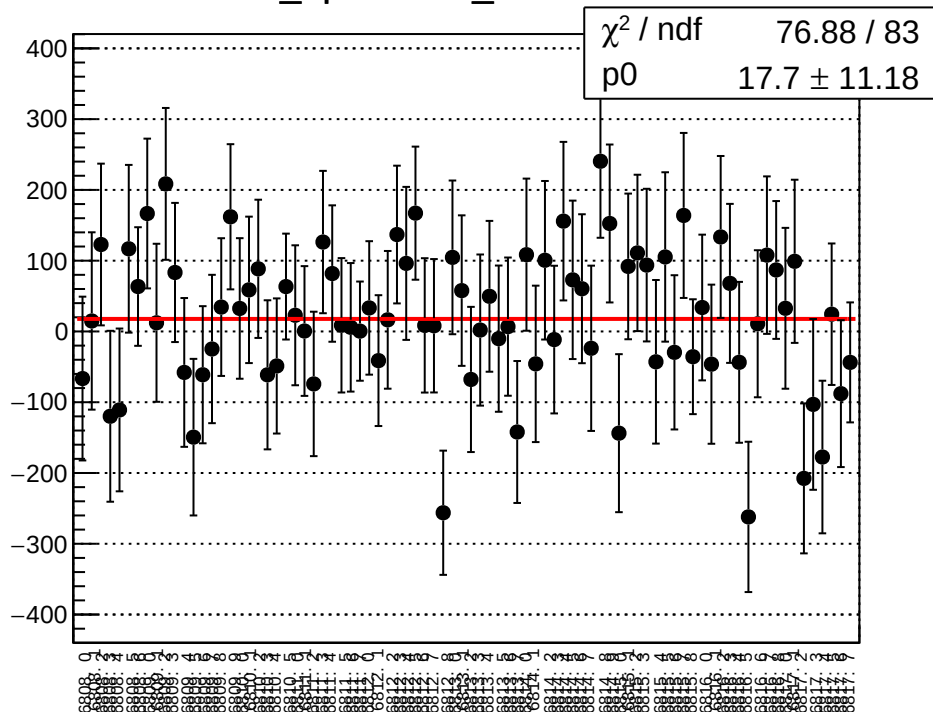


χ^2 / ndf

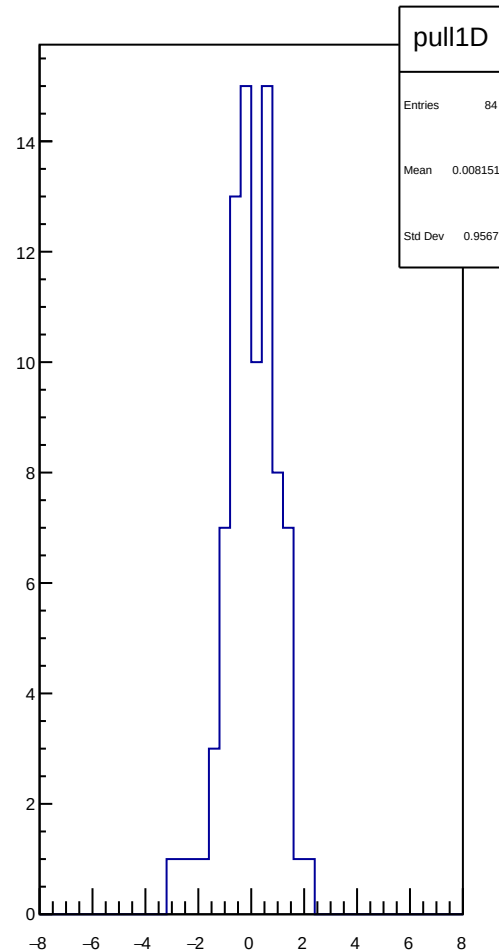
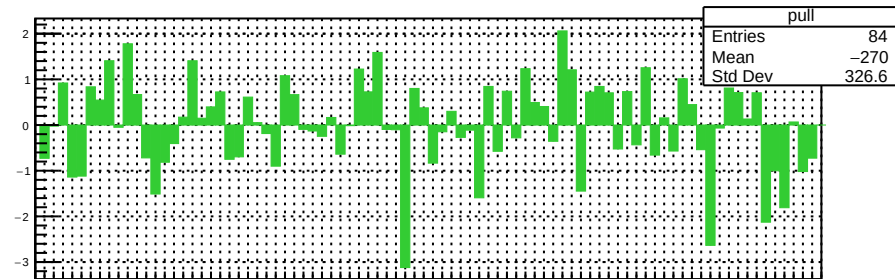
p0

$$1027 \pm 0.8107$$


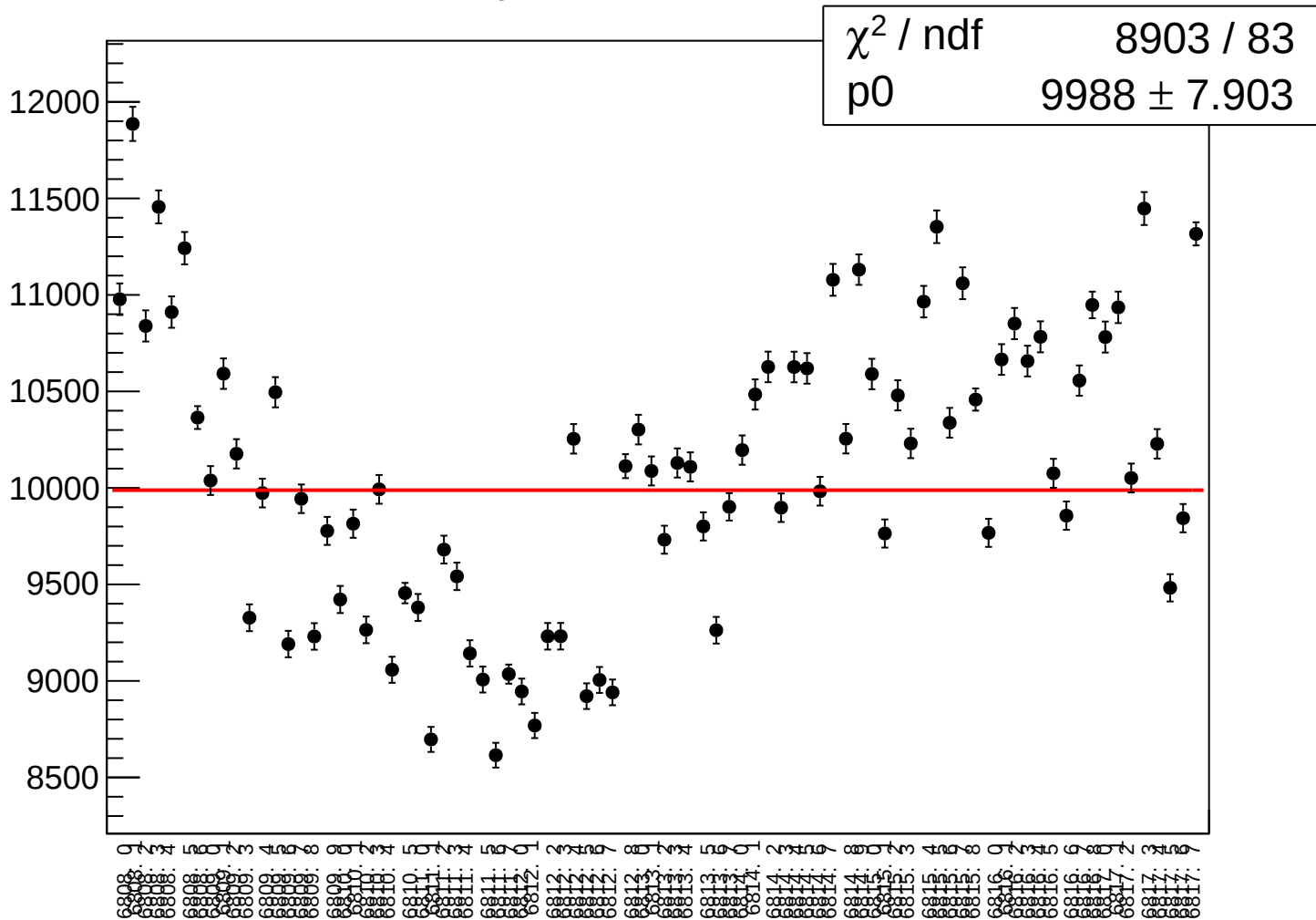
diff_bpm0I07X_mean vs run



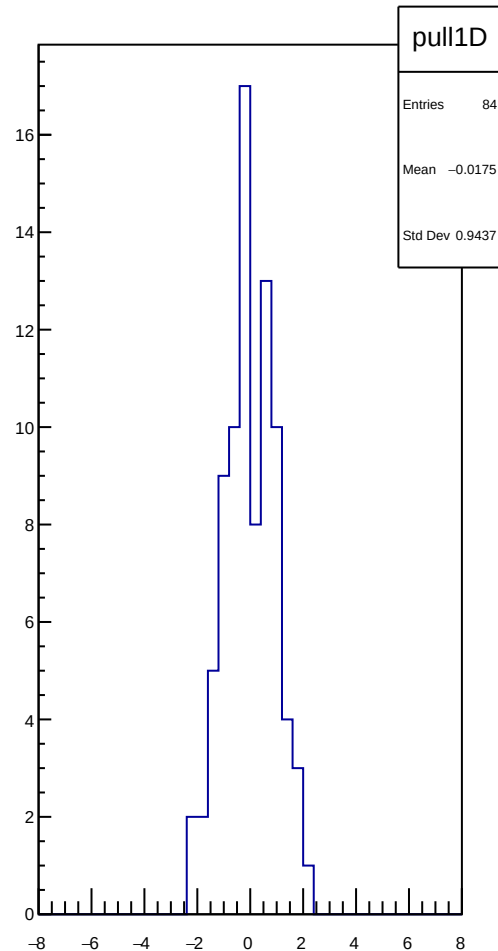
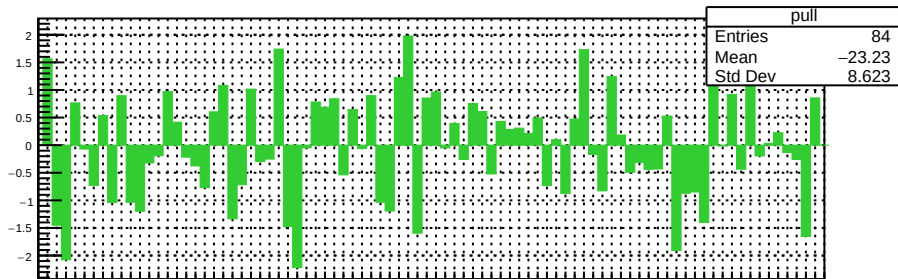
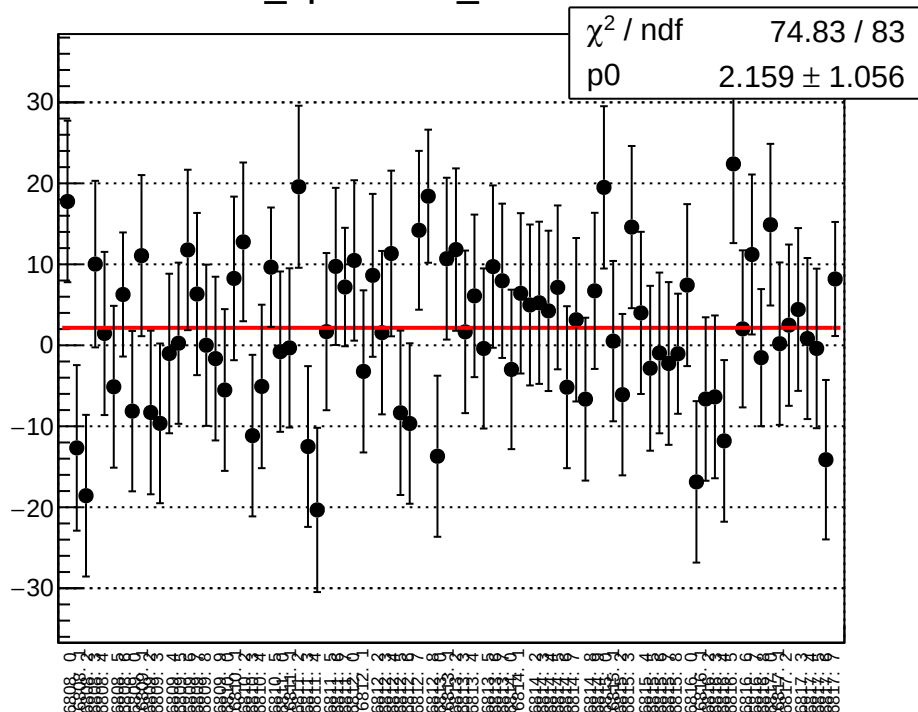
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diff_bpm0l07X_rms vs run



diff_bpm0I07Y_mean vs run



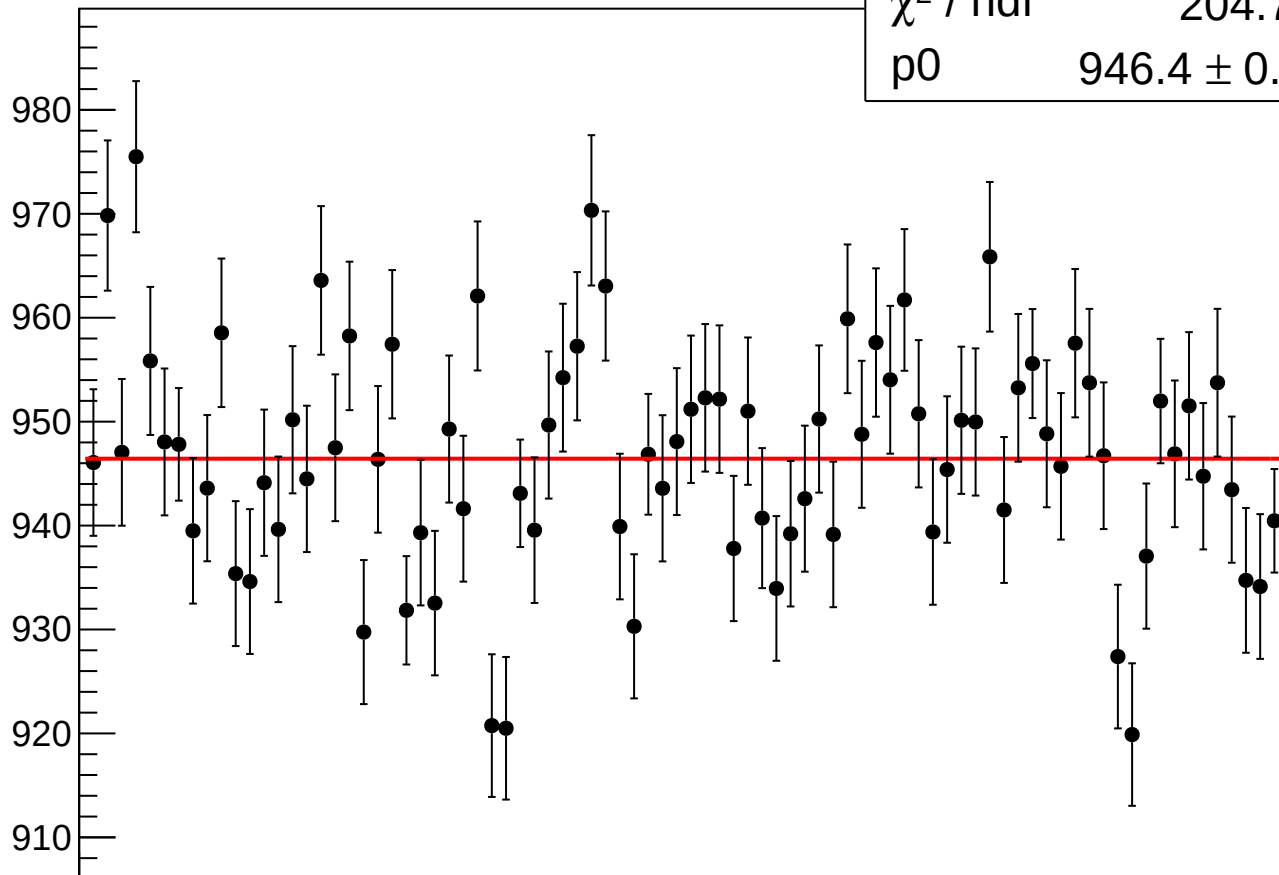
diff_bpm0l07Y_rms vs run

χ^2 / ndf

204.7 / 83

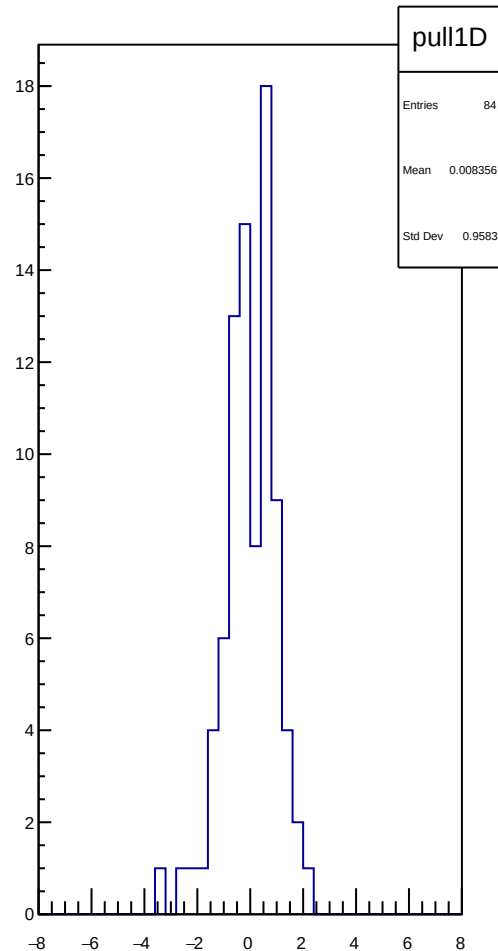
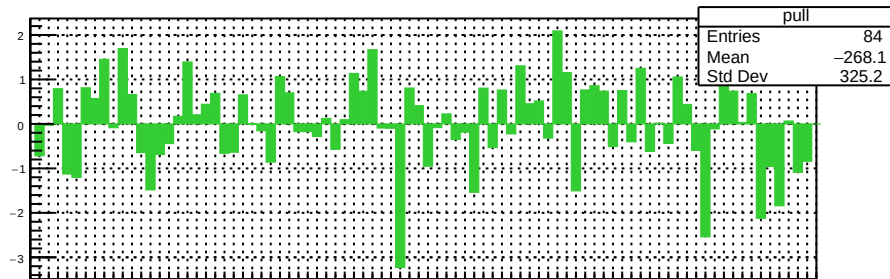
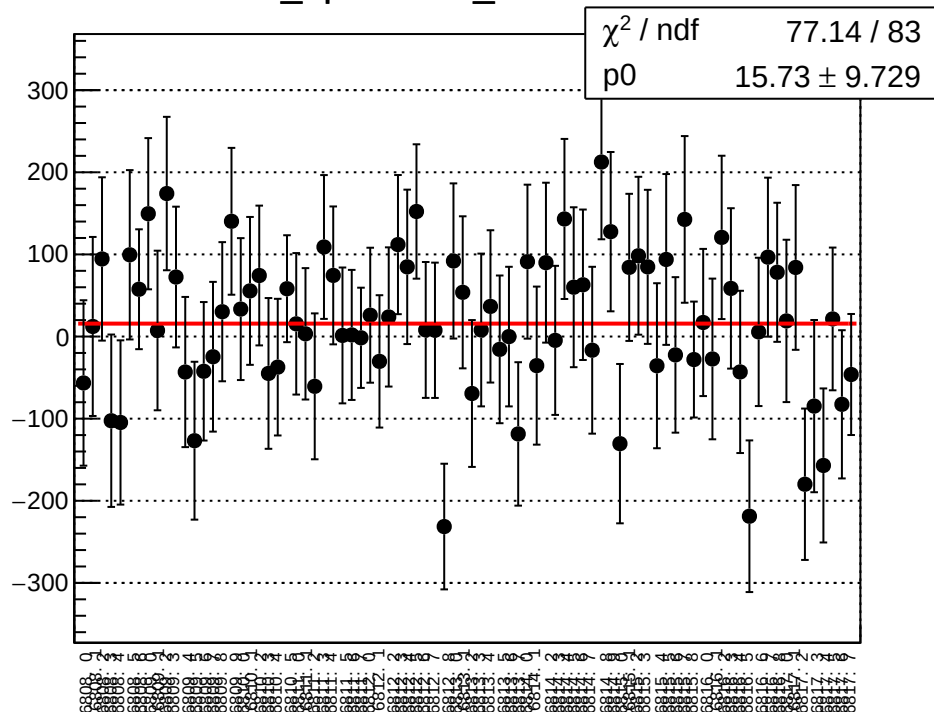
p0

946.4 ± 0.7469

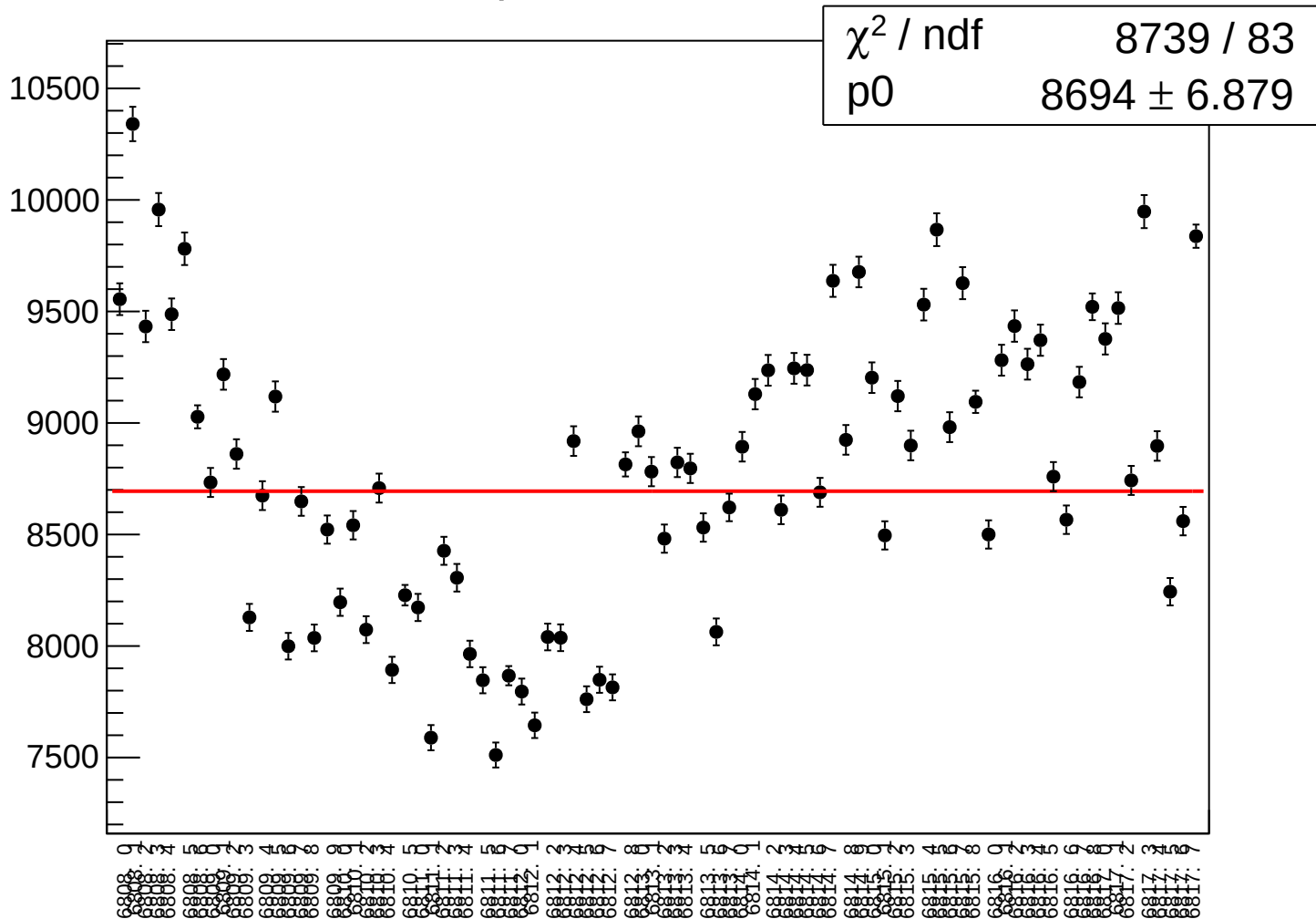


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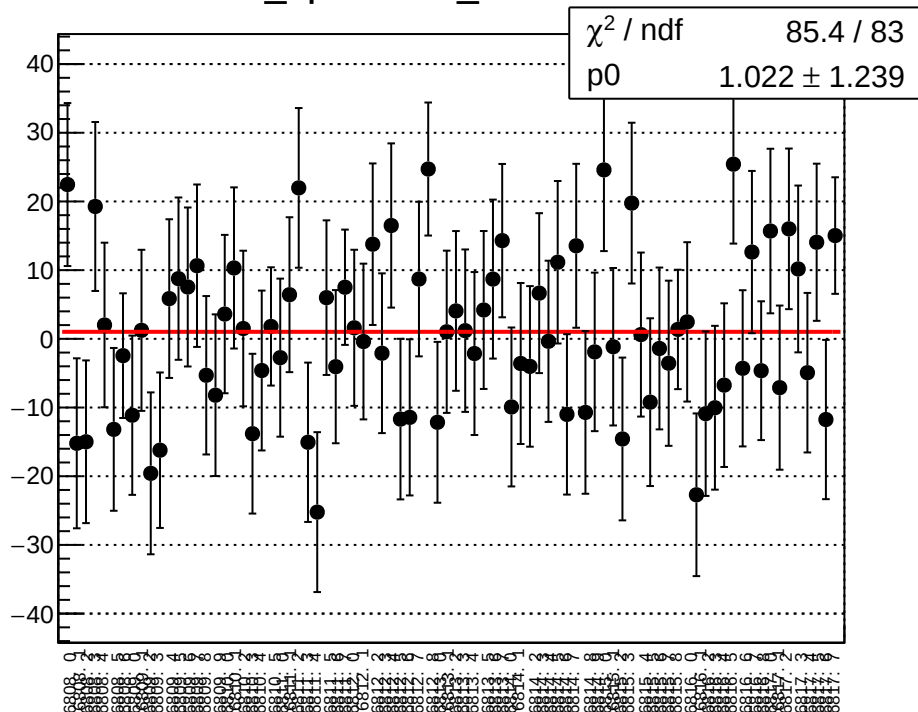
diff_bpm0I08X_mean vs run



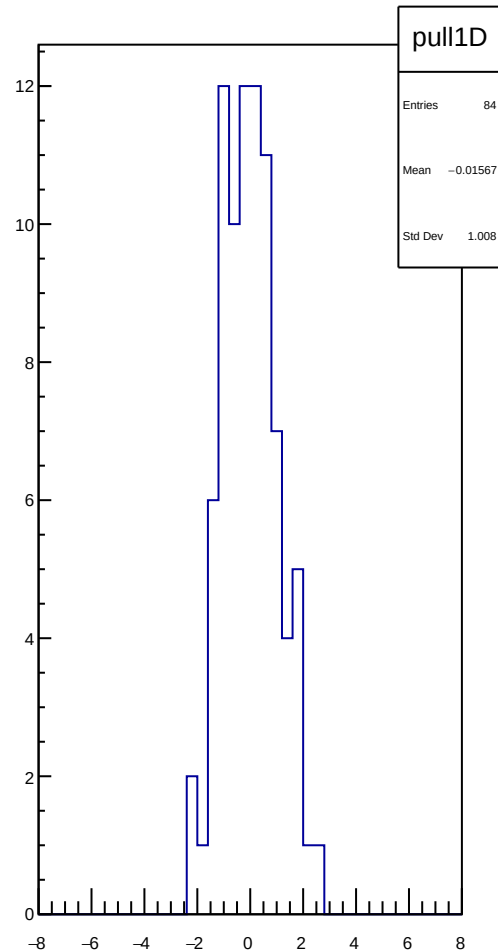
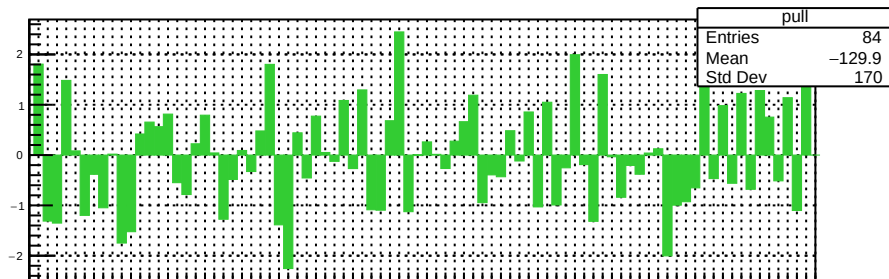
diff_bpm0l08X_rms vs run



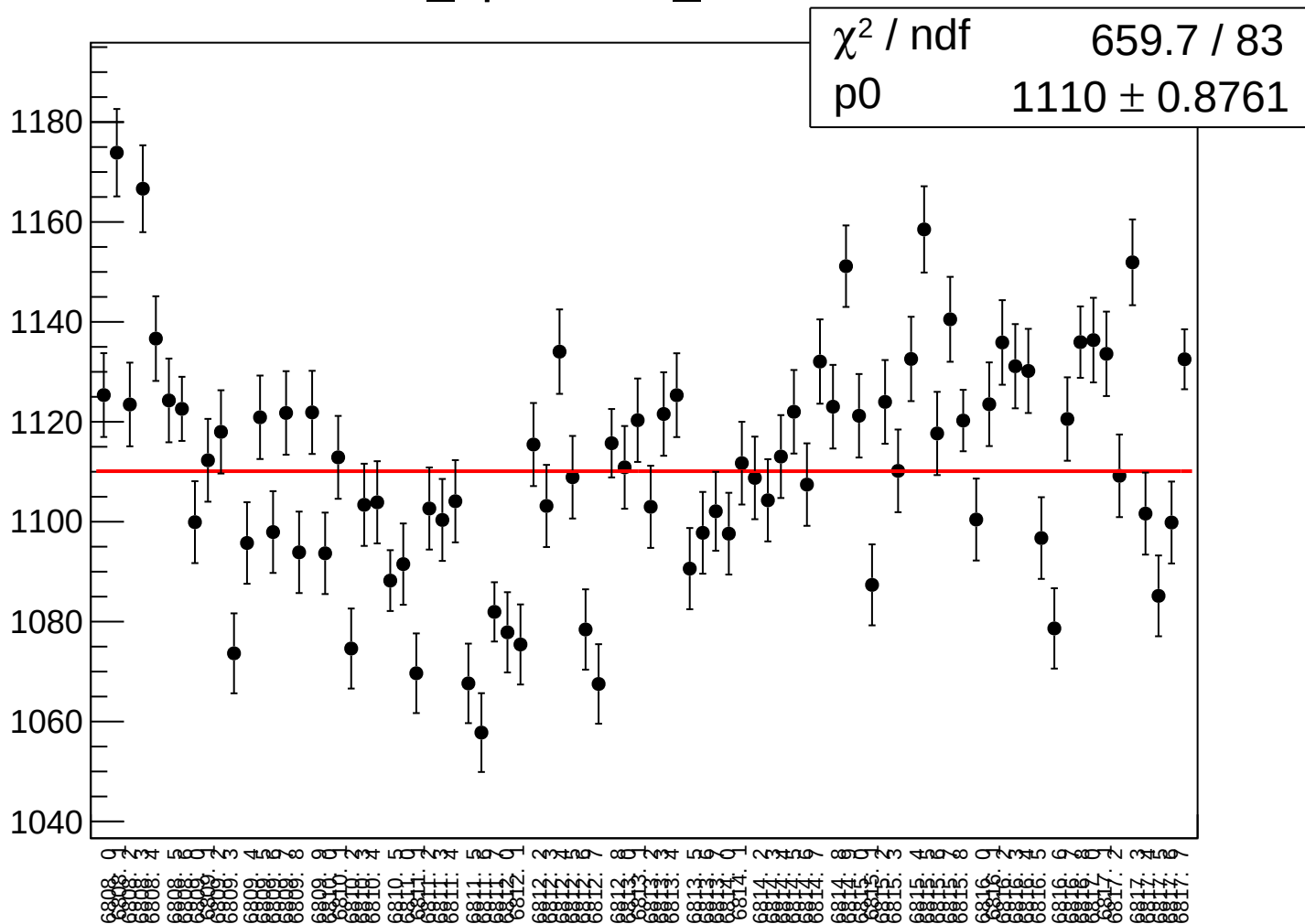
diff_bpm0l08Y_mean vs run



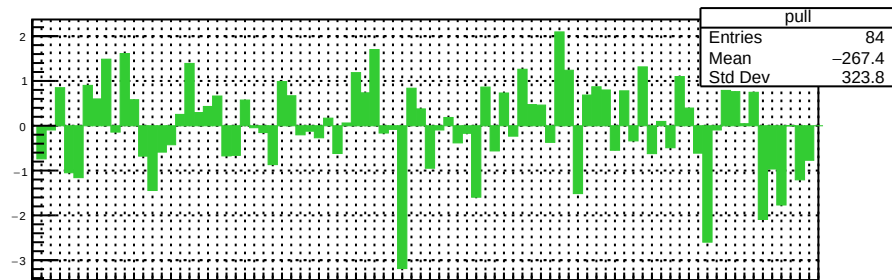
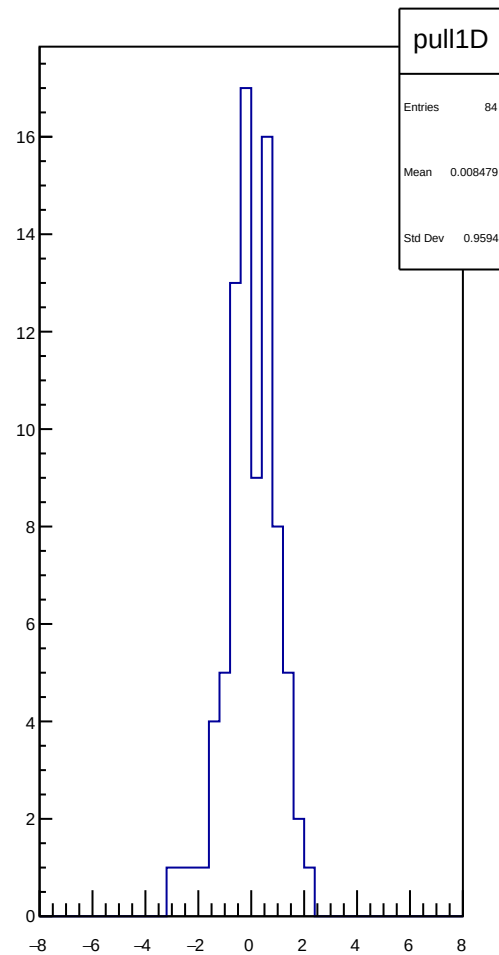
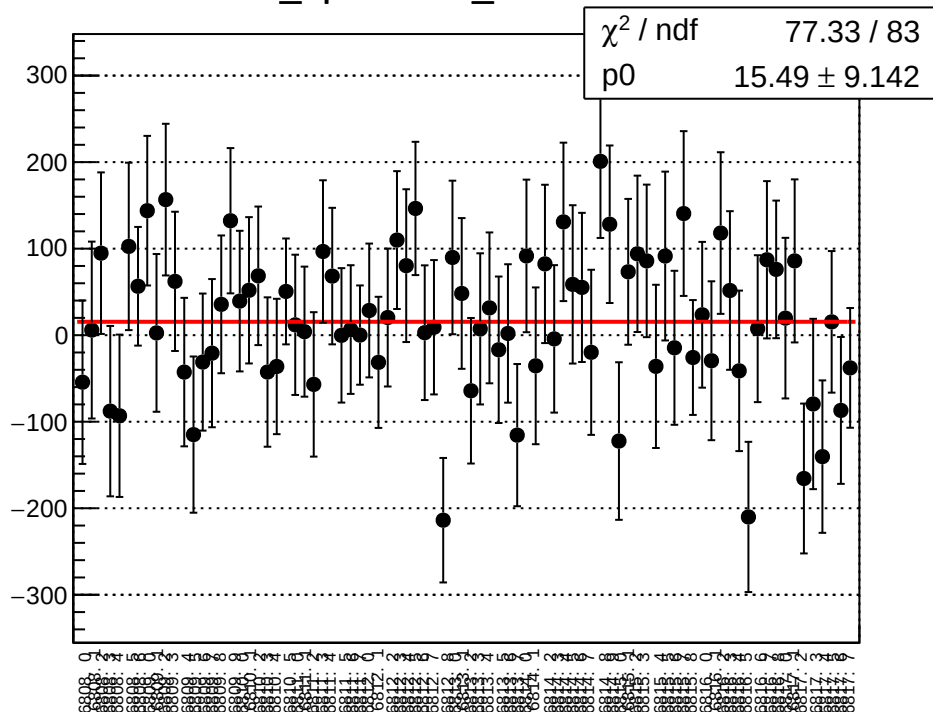
diff_bpm0l08Y_mean vs run



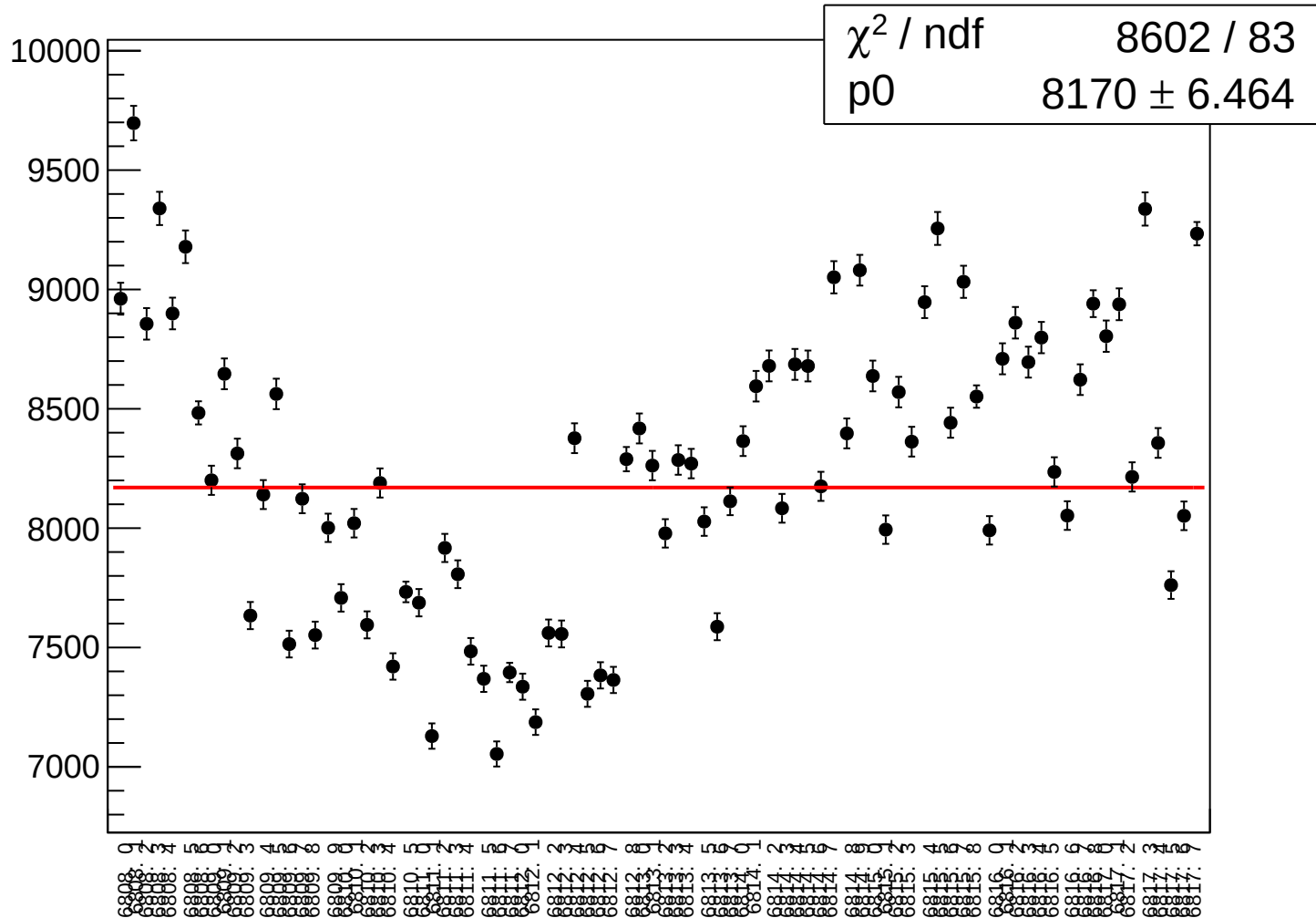
diff_bpm0l08Y_rms vs run



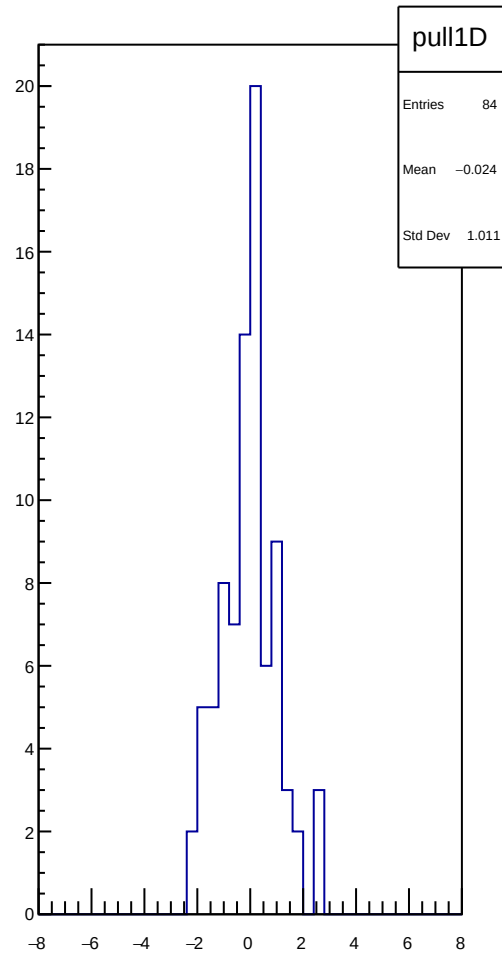
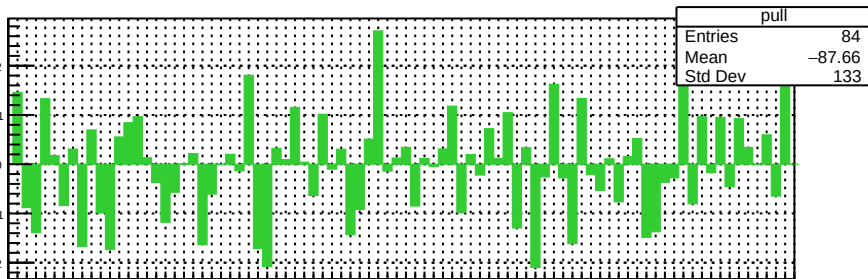
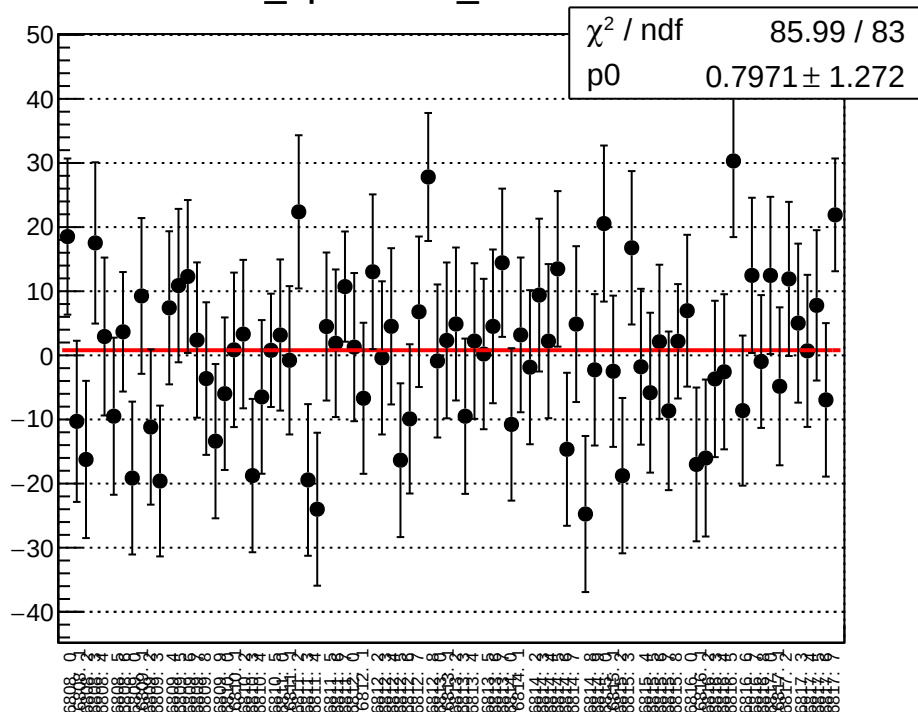
diff_bpm0I09X_mean vs run



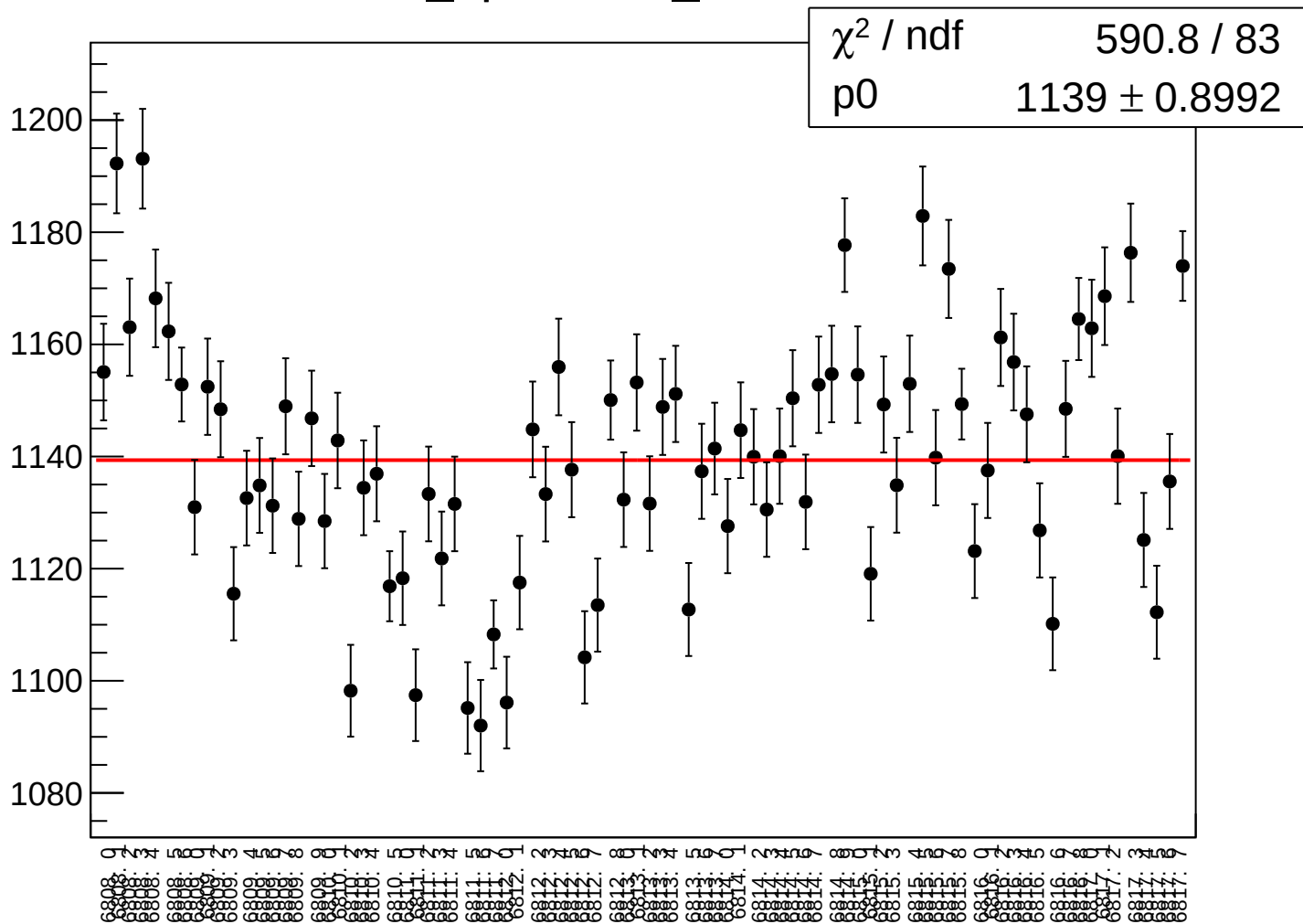
diff_bpm0l09X_rms vs run



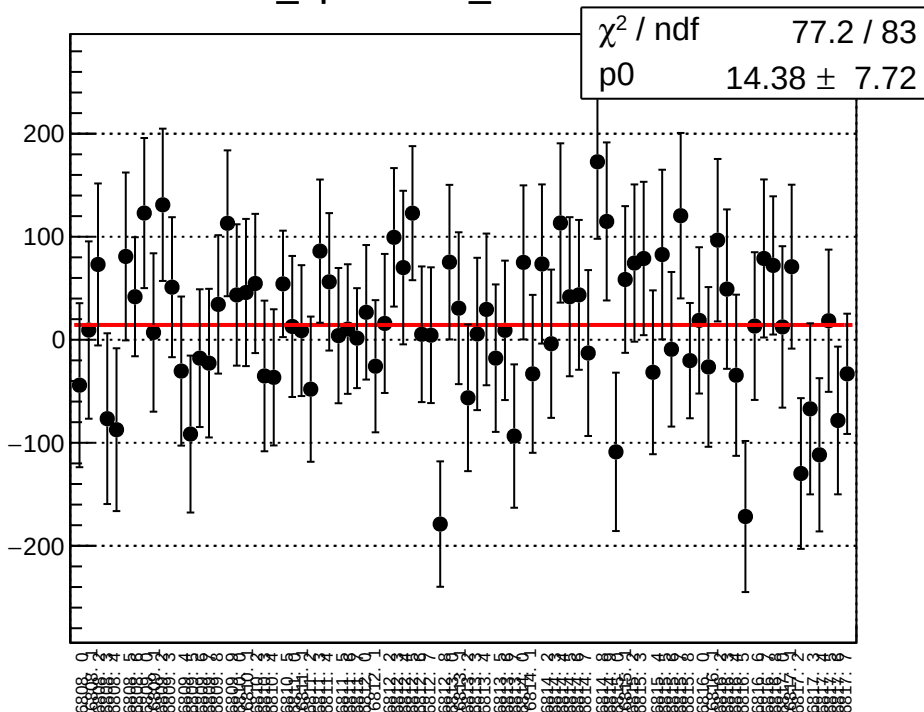
diff_bpm0l09Y_mean vs run



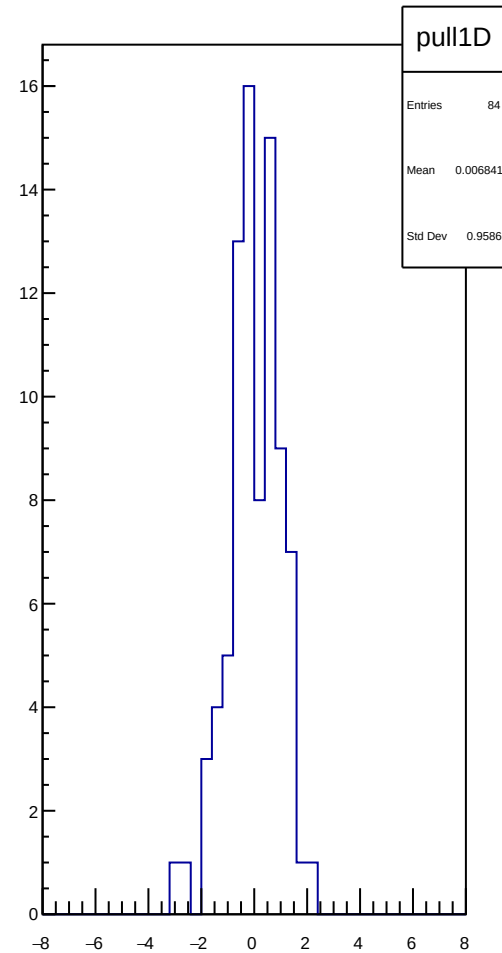
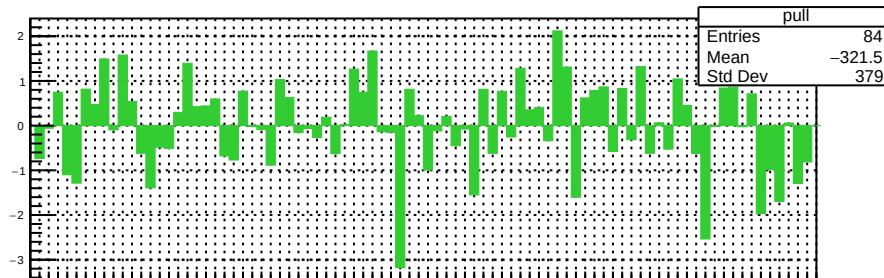
diff_bpm0l09Y_rms vs run



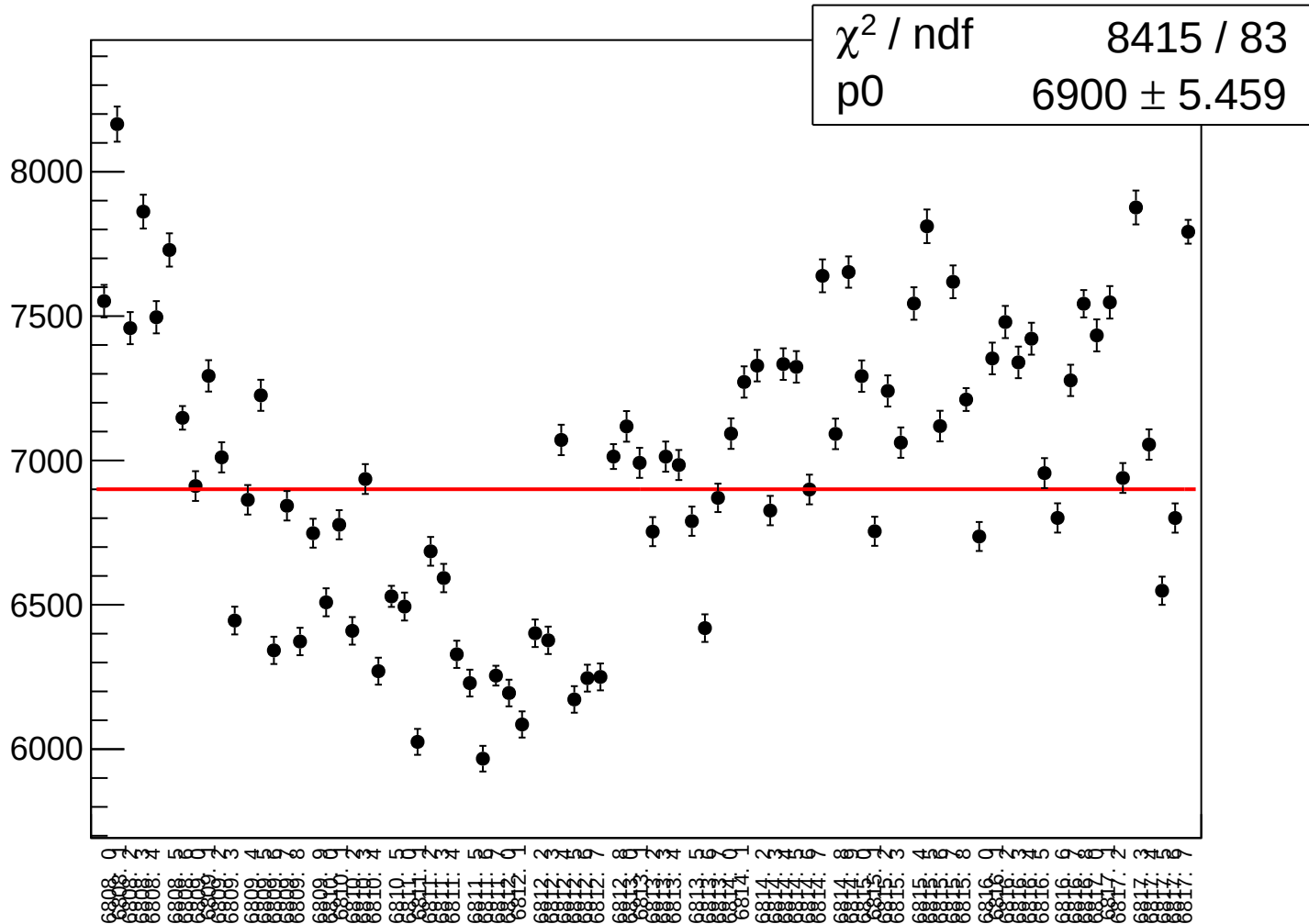
diff_bpm0l10X_mean vs run



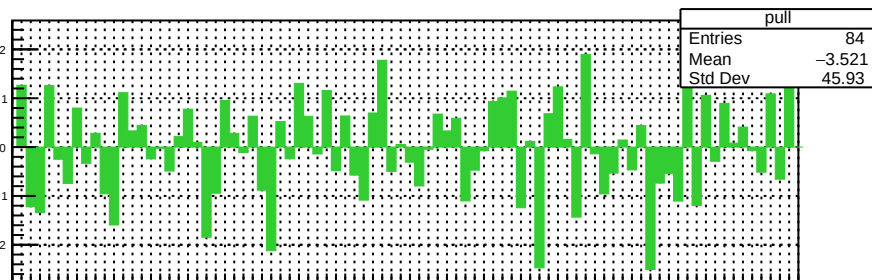
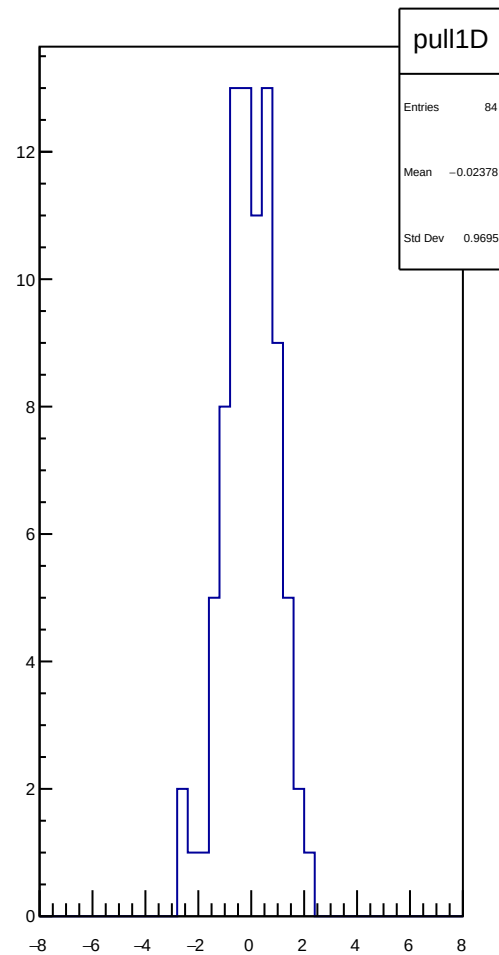
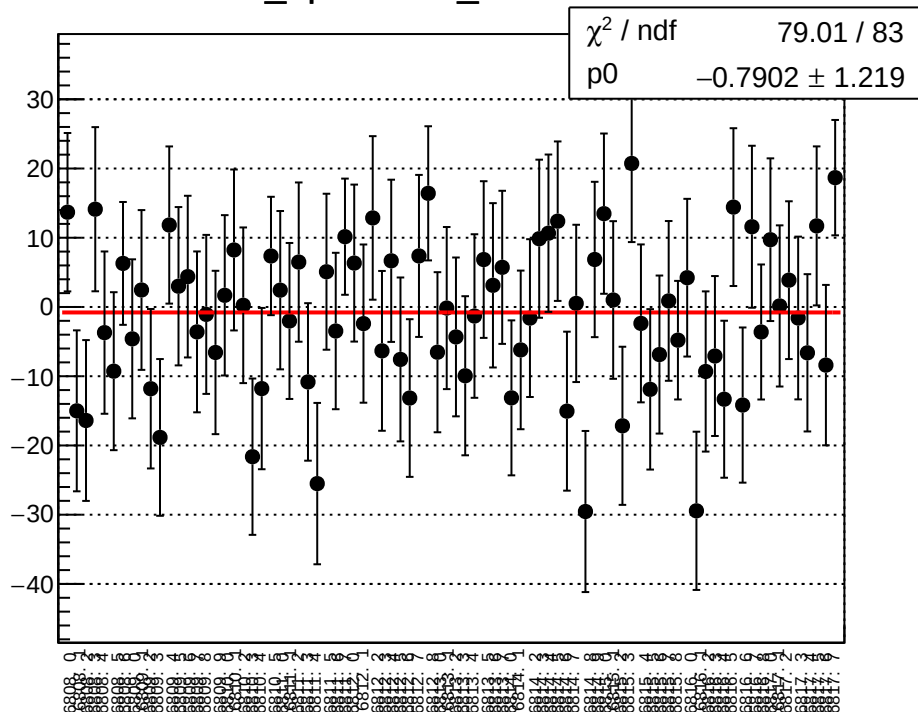
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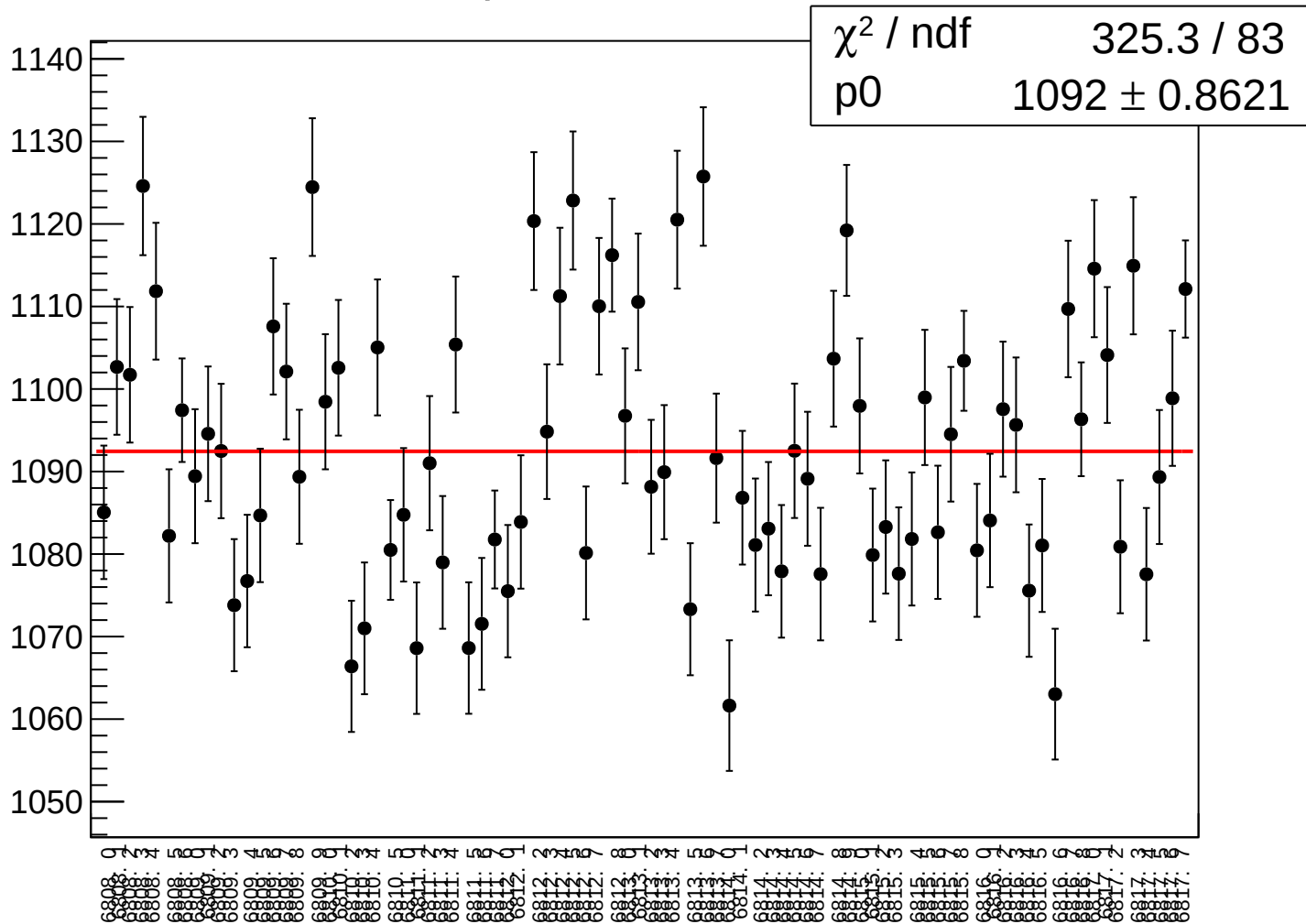
diff_bpm0l10X_rms vs run



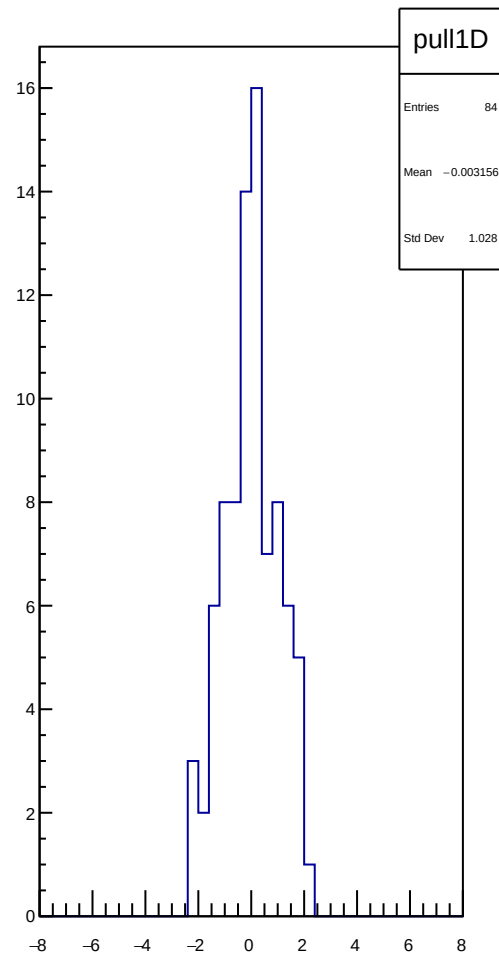
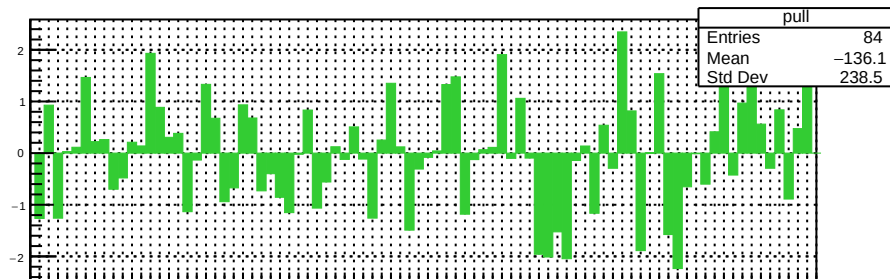
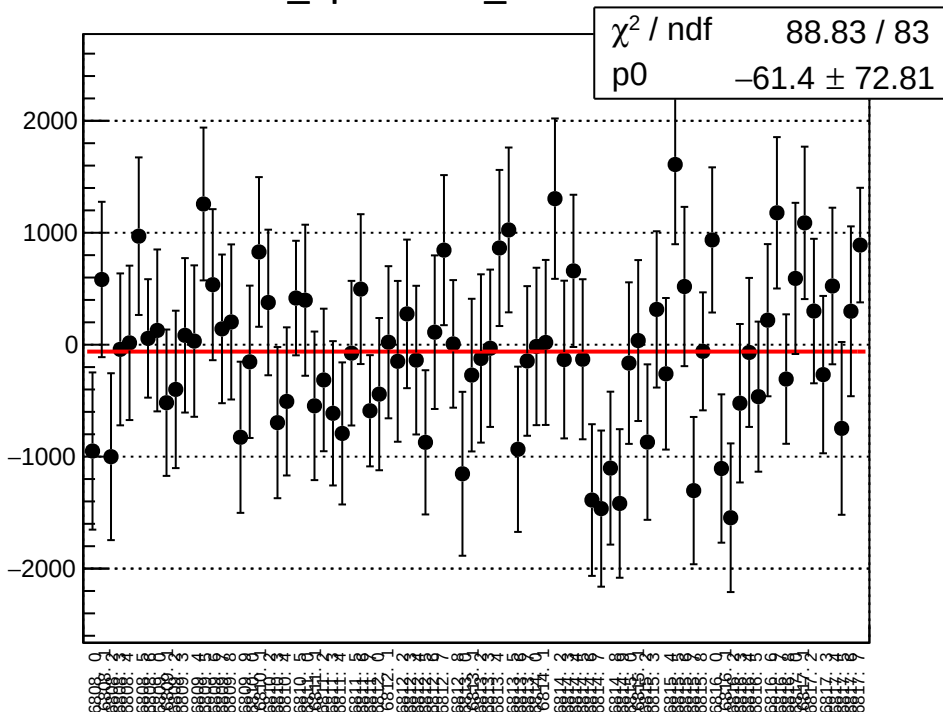
diff_bpm0I10Y_mean vs run



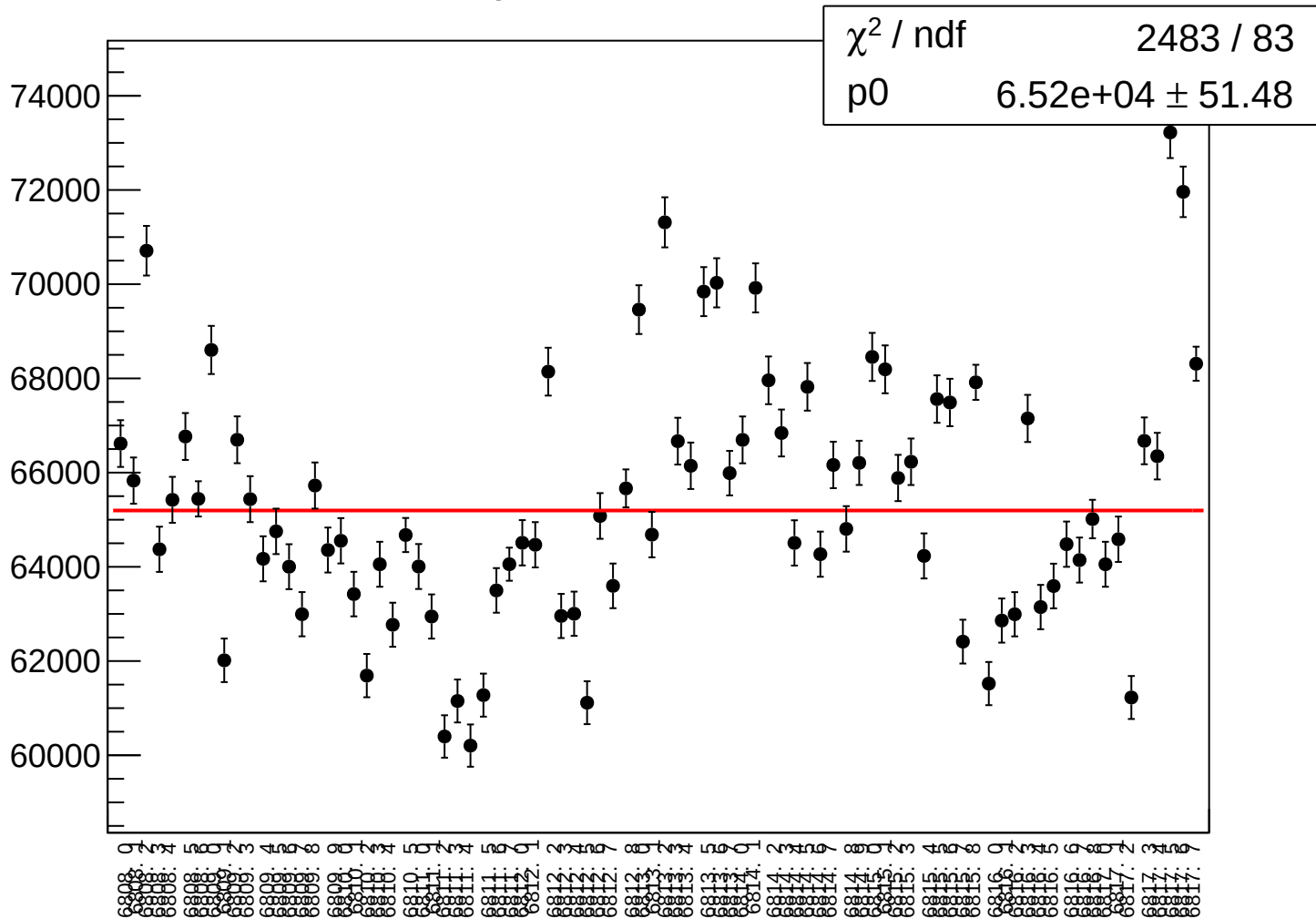
diff_bpm0l10Y_rms vs run



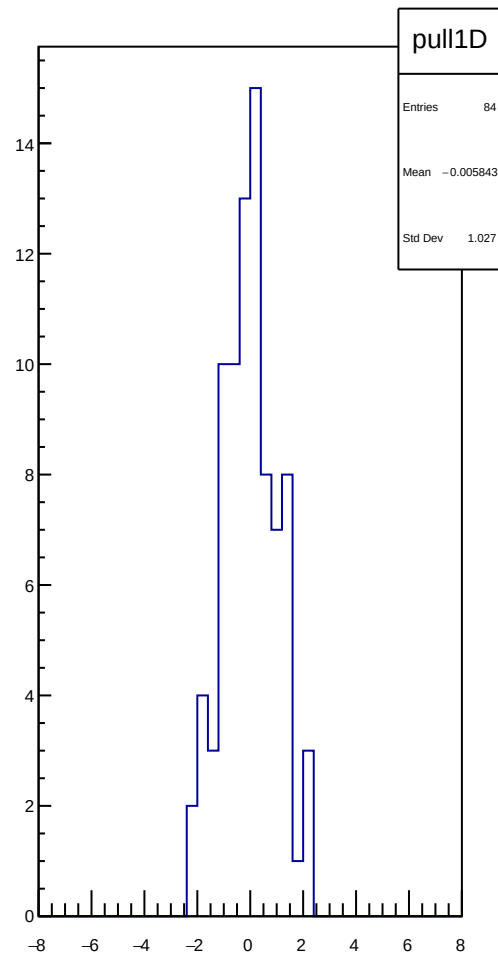
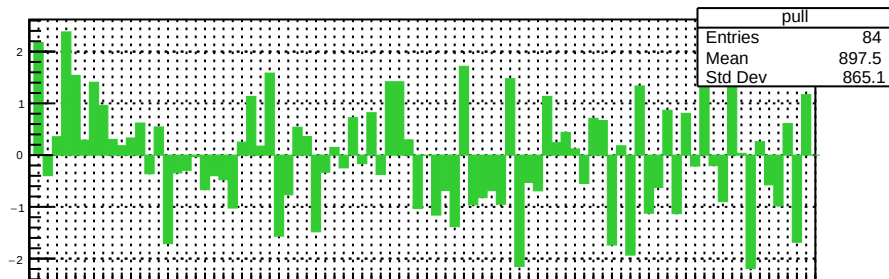
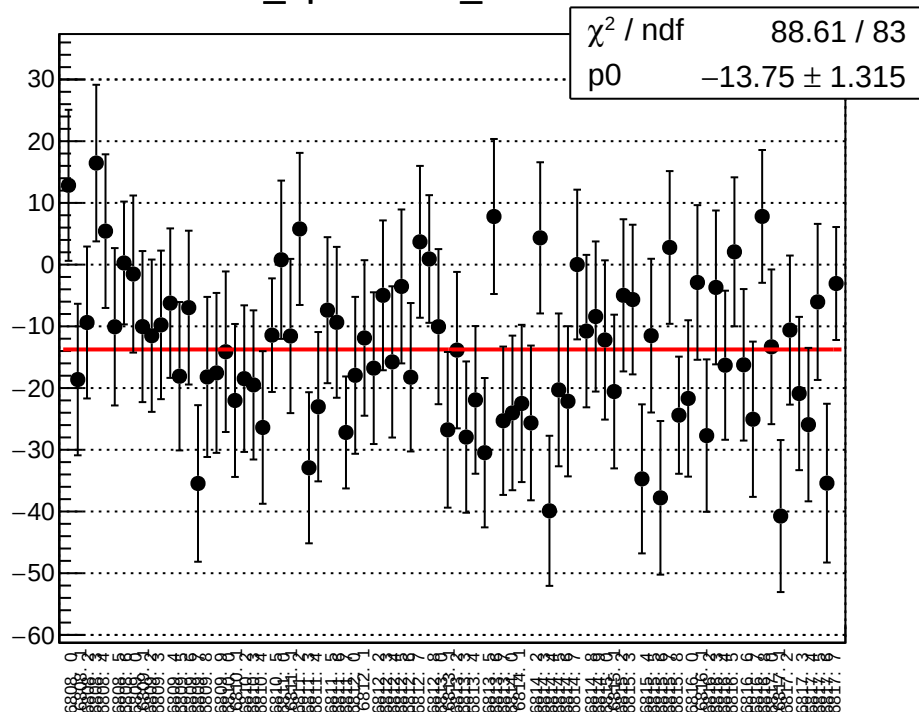
diff_bpm0r03X_mean vs run



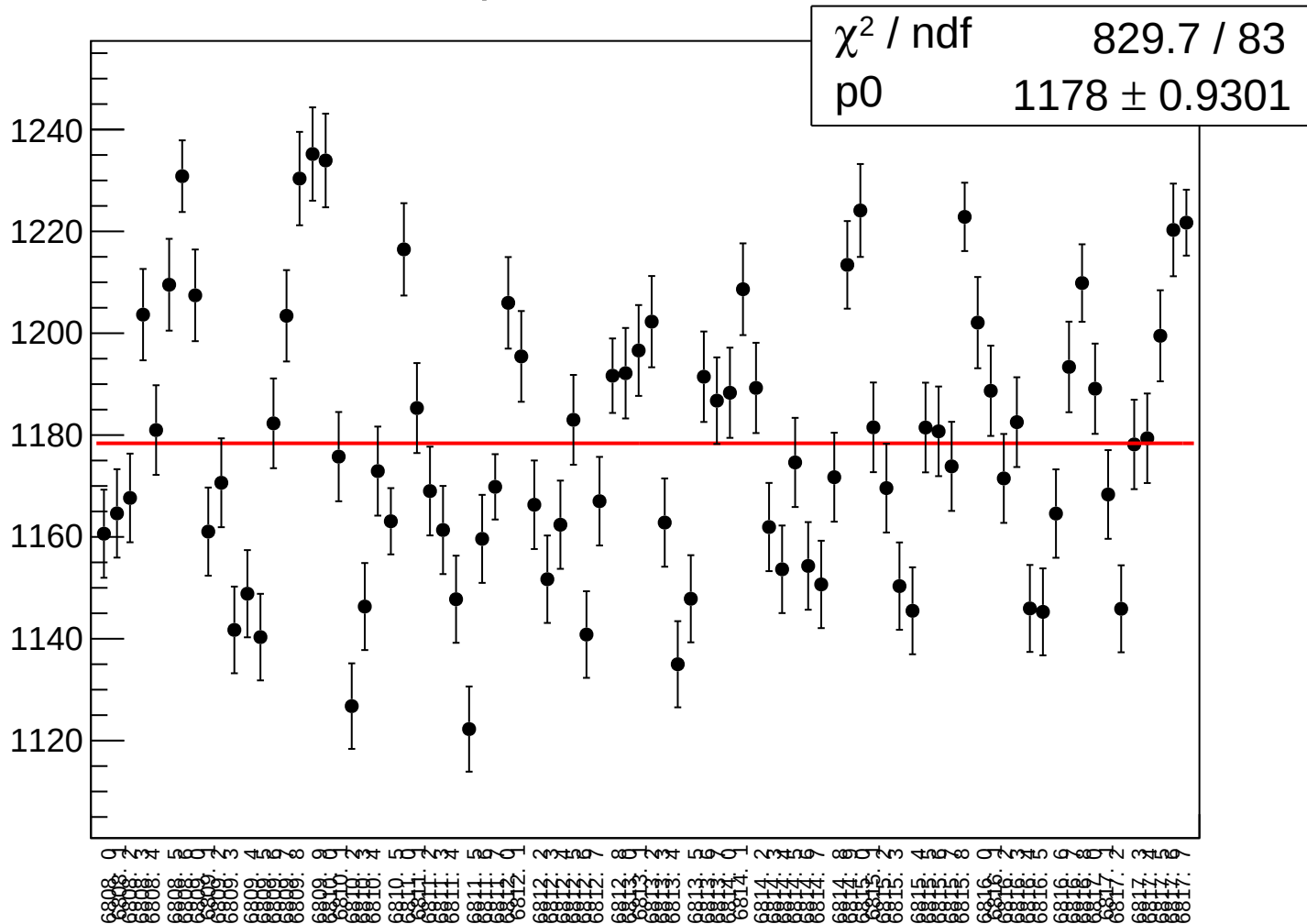
diff_bpm0r03X_rms vs run



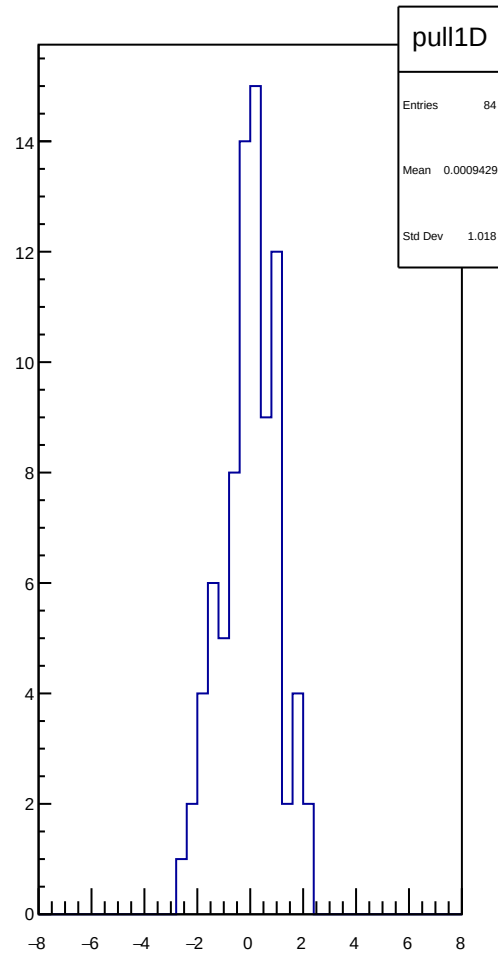
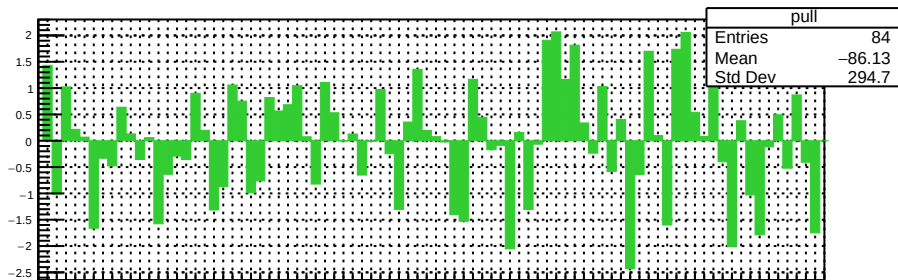
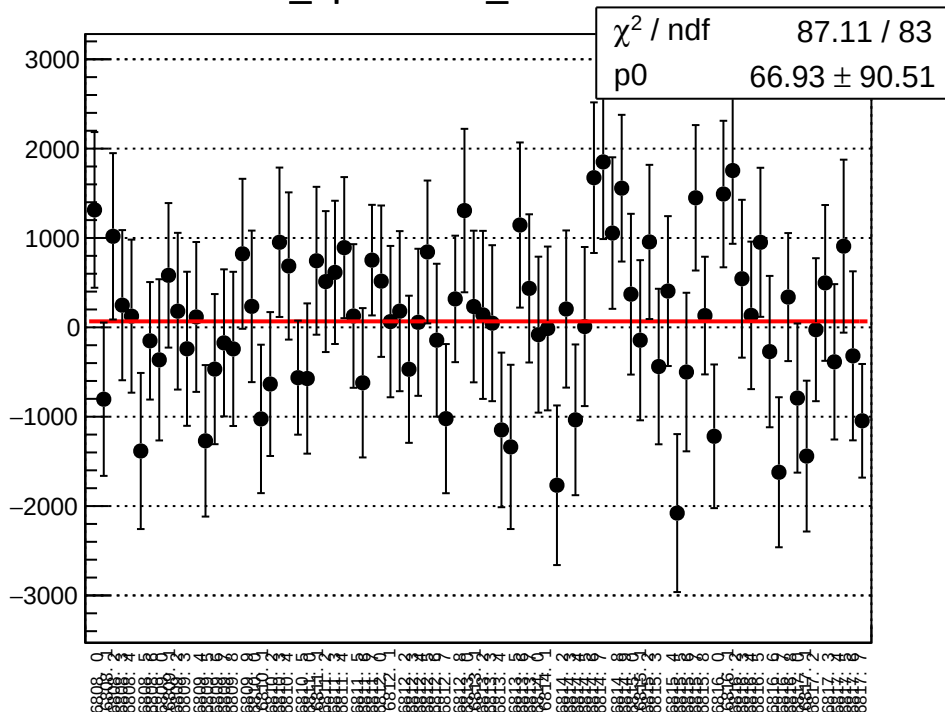
diff_bpm0r03Y_mean vs run



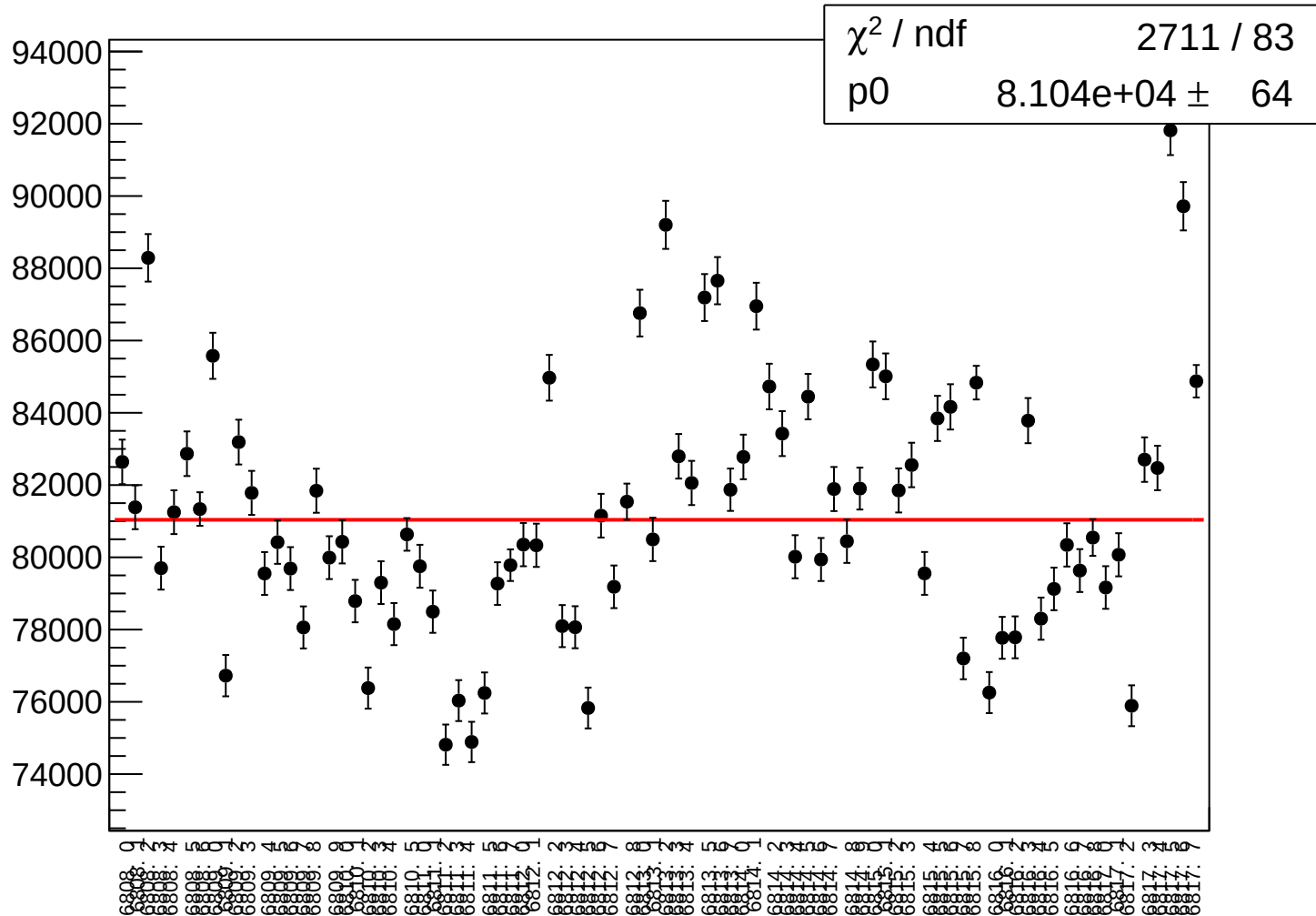
diff_bpm0r03Y_rms vs run



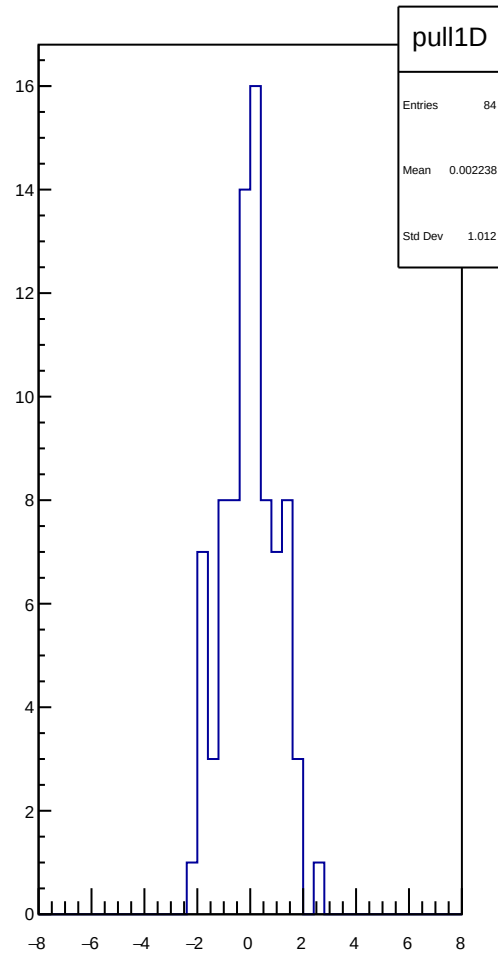
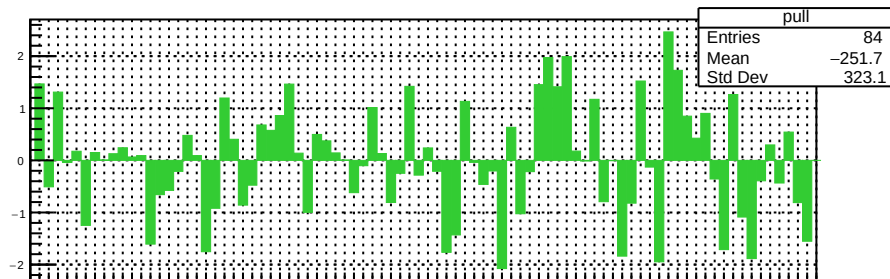
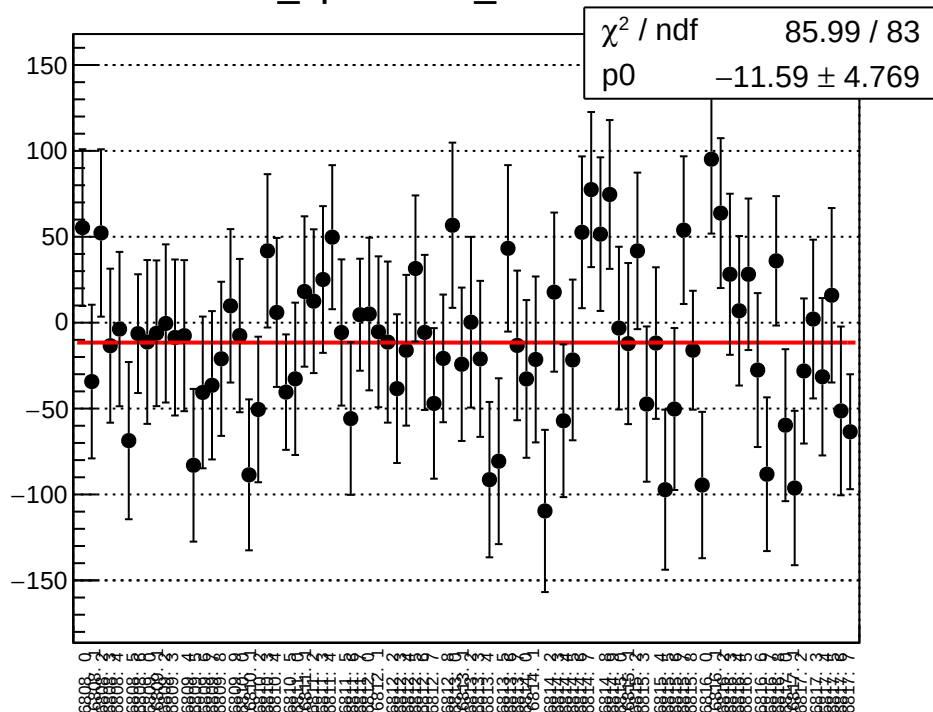
diff_bpm0r05X_mean vs run



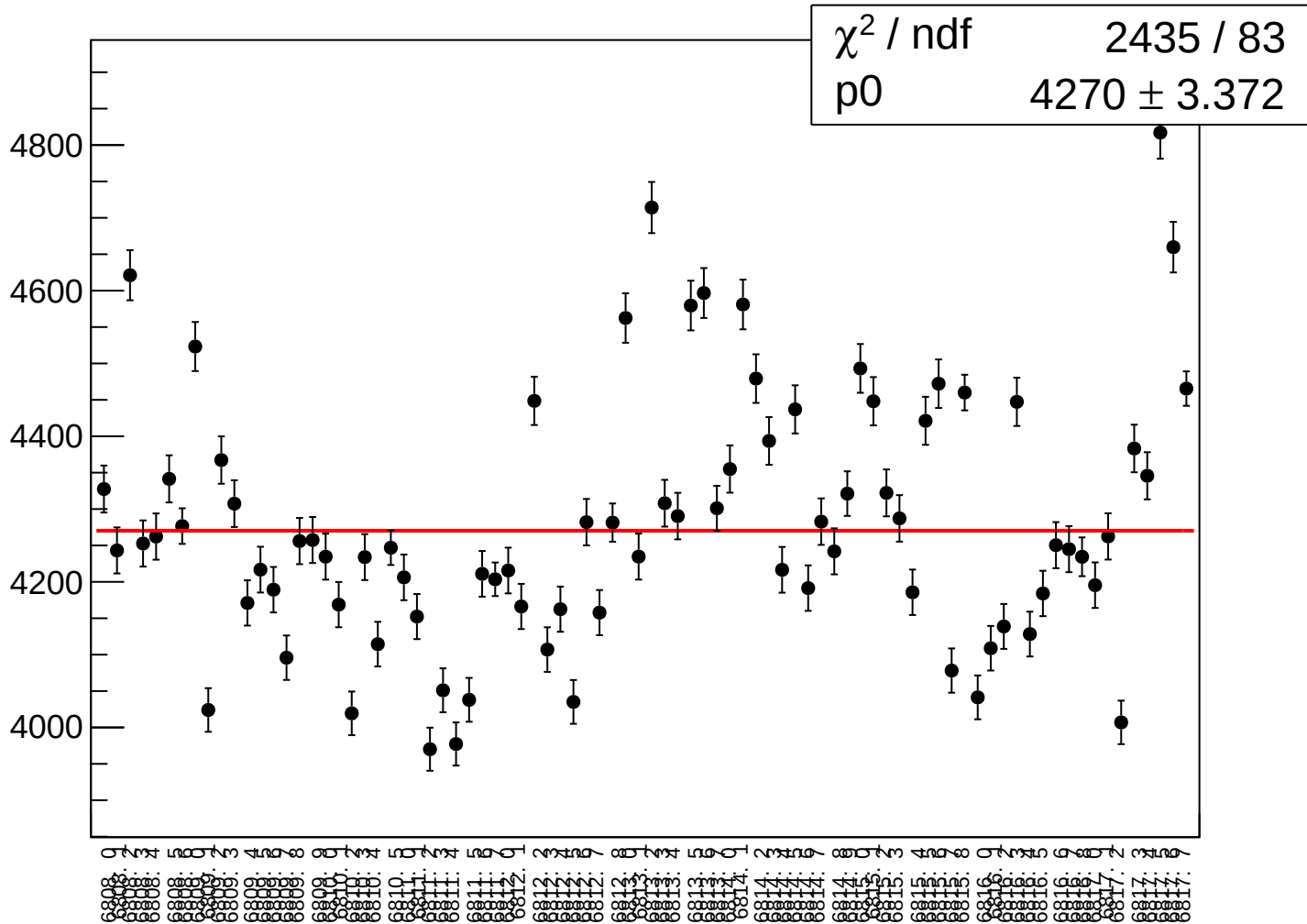
diff_bpm0r05X_rms vs run



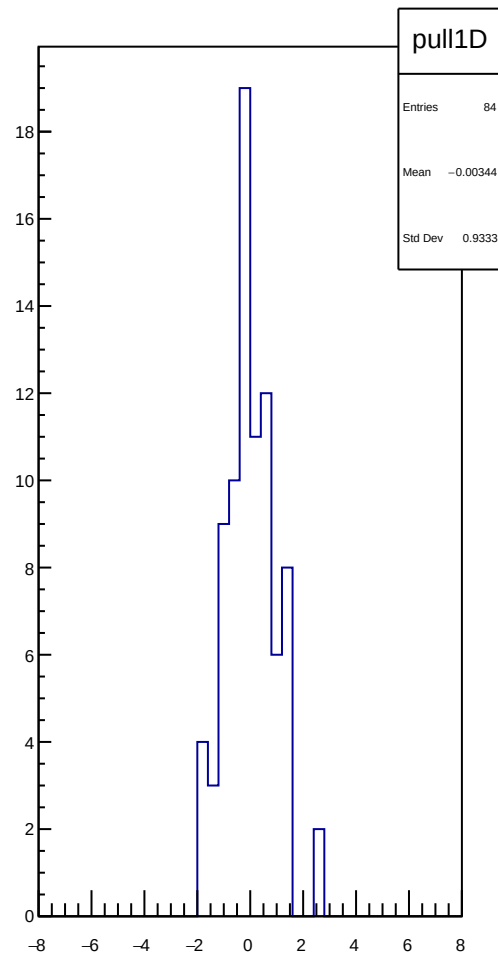
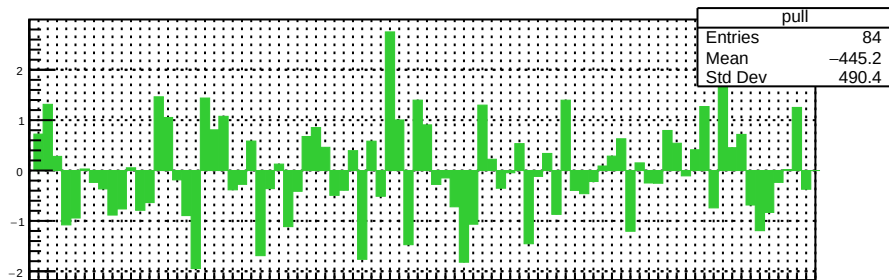
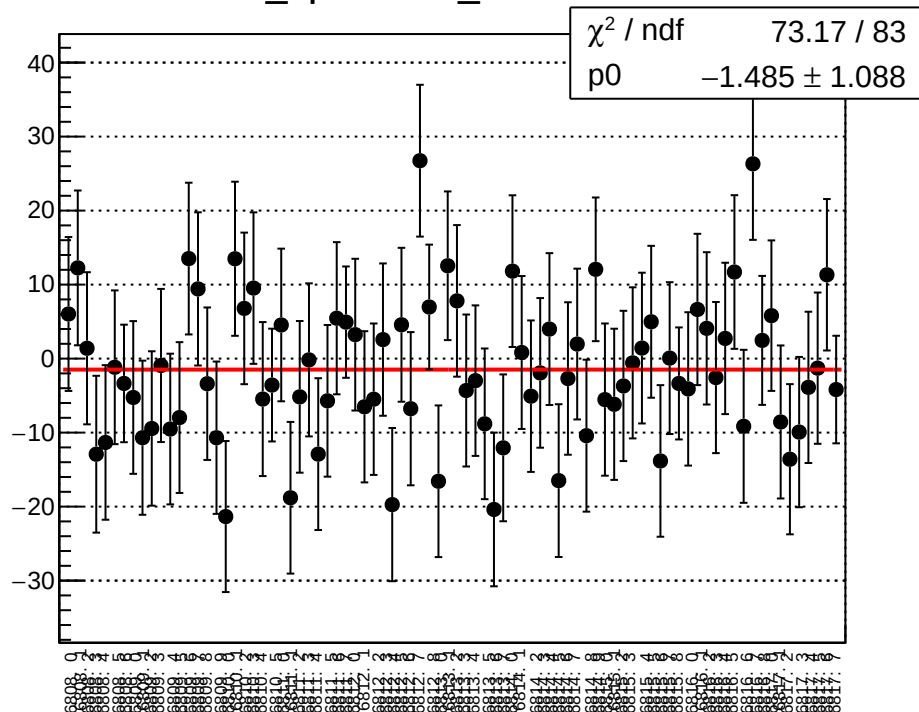
diff_bpm0r05Y_mean vs run



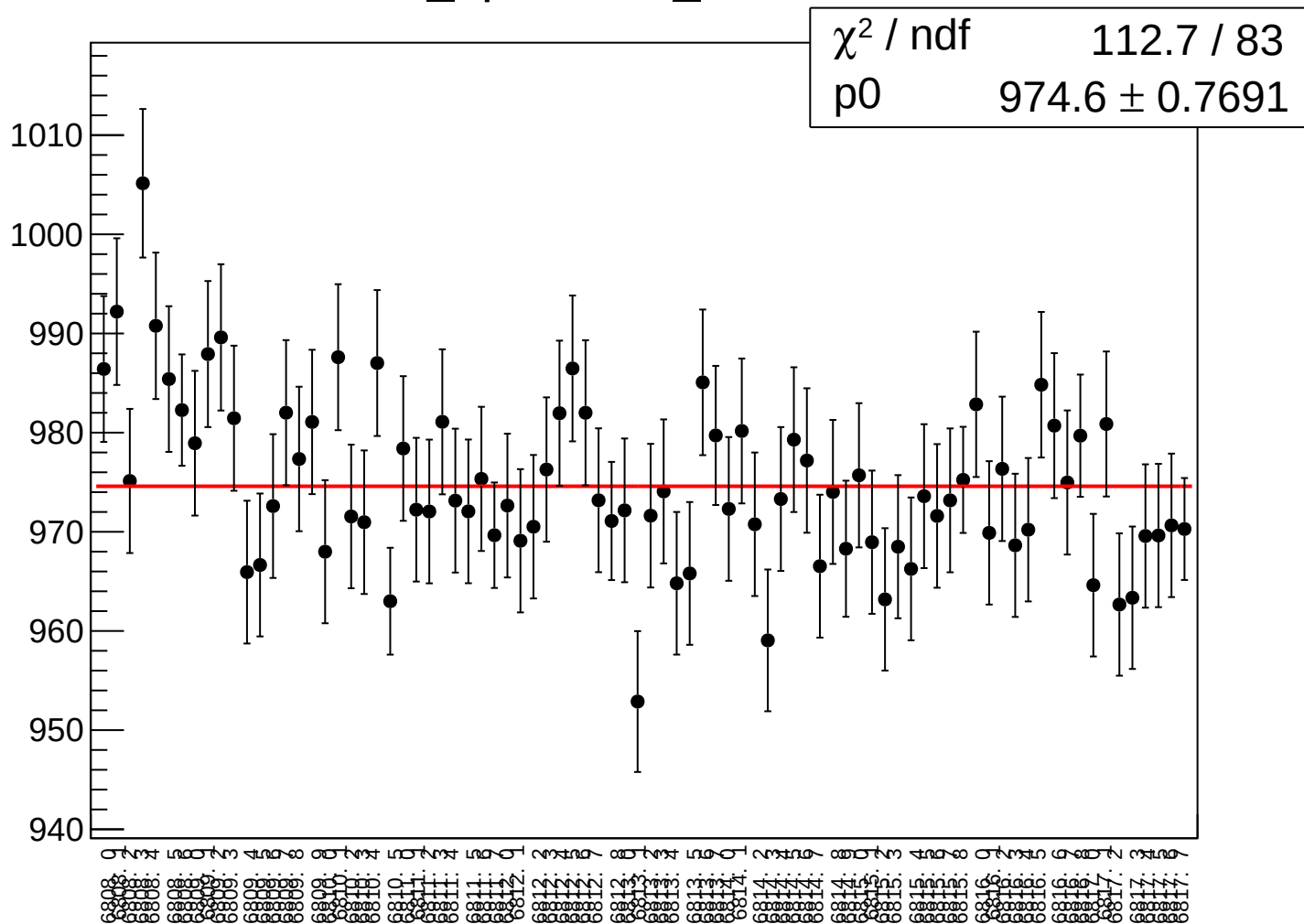
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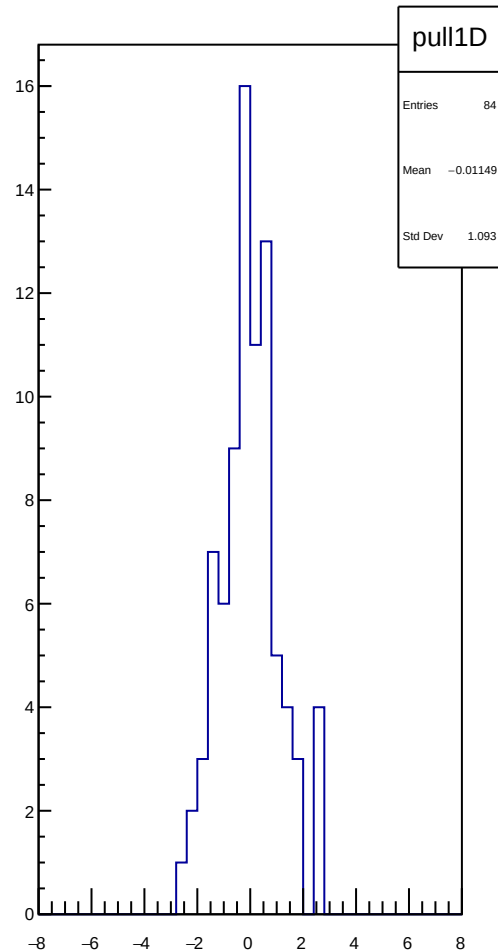
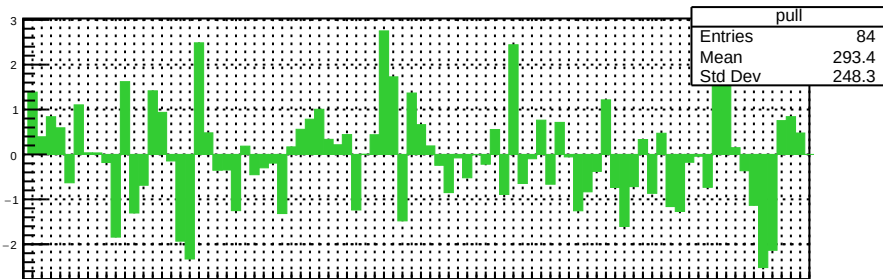
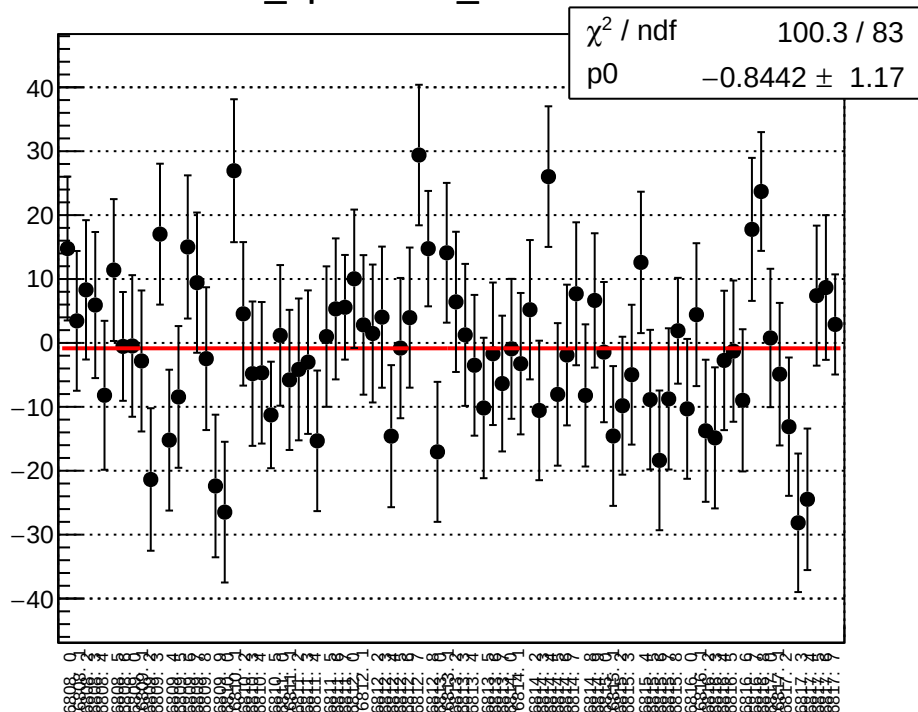
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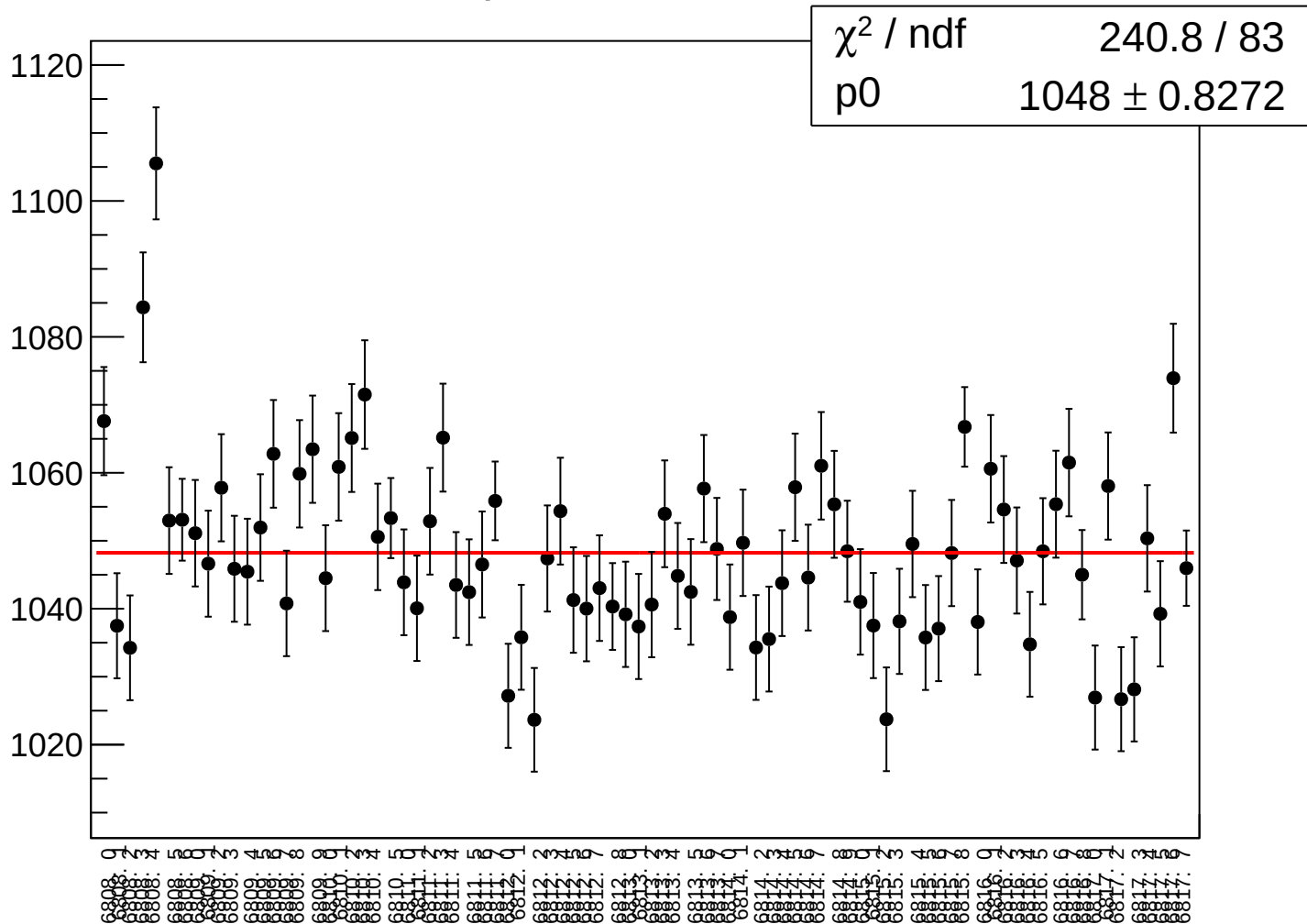
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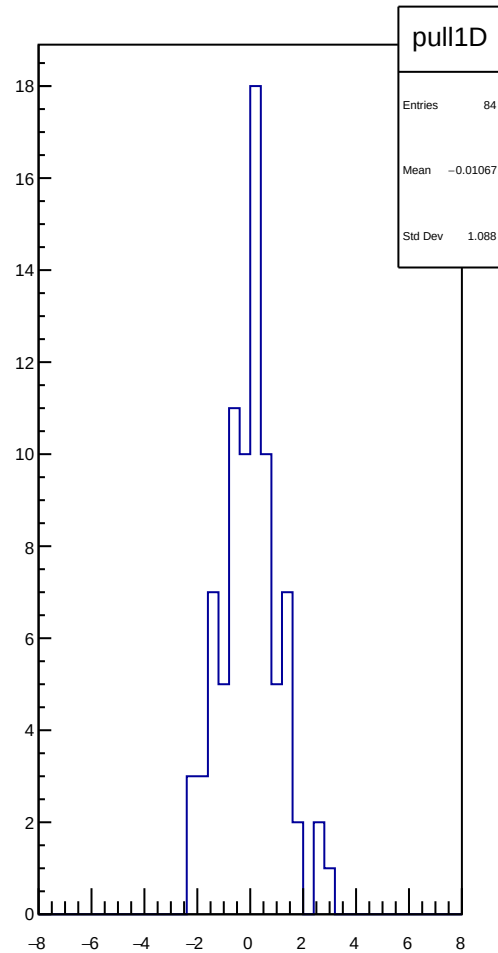
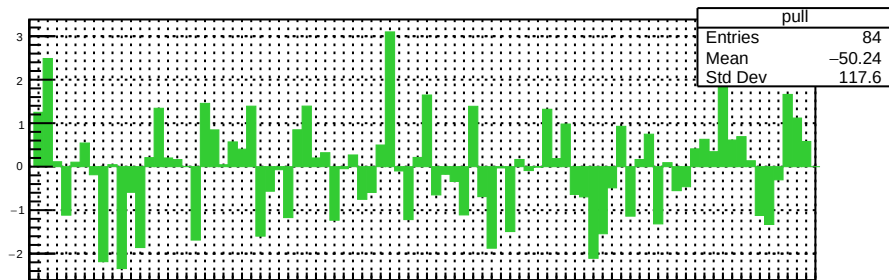
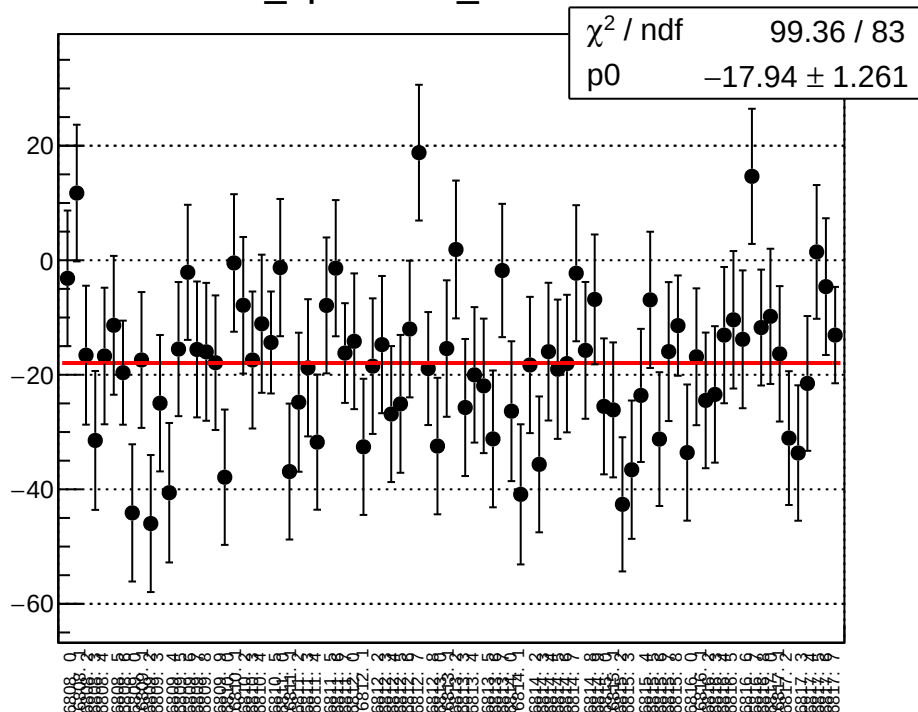
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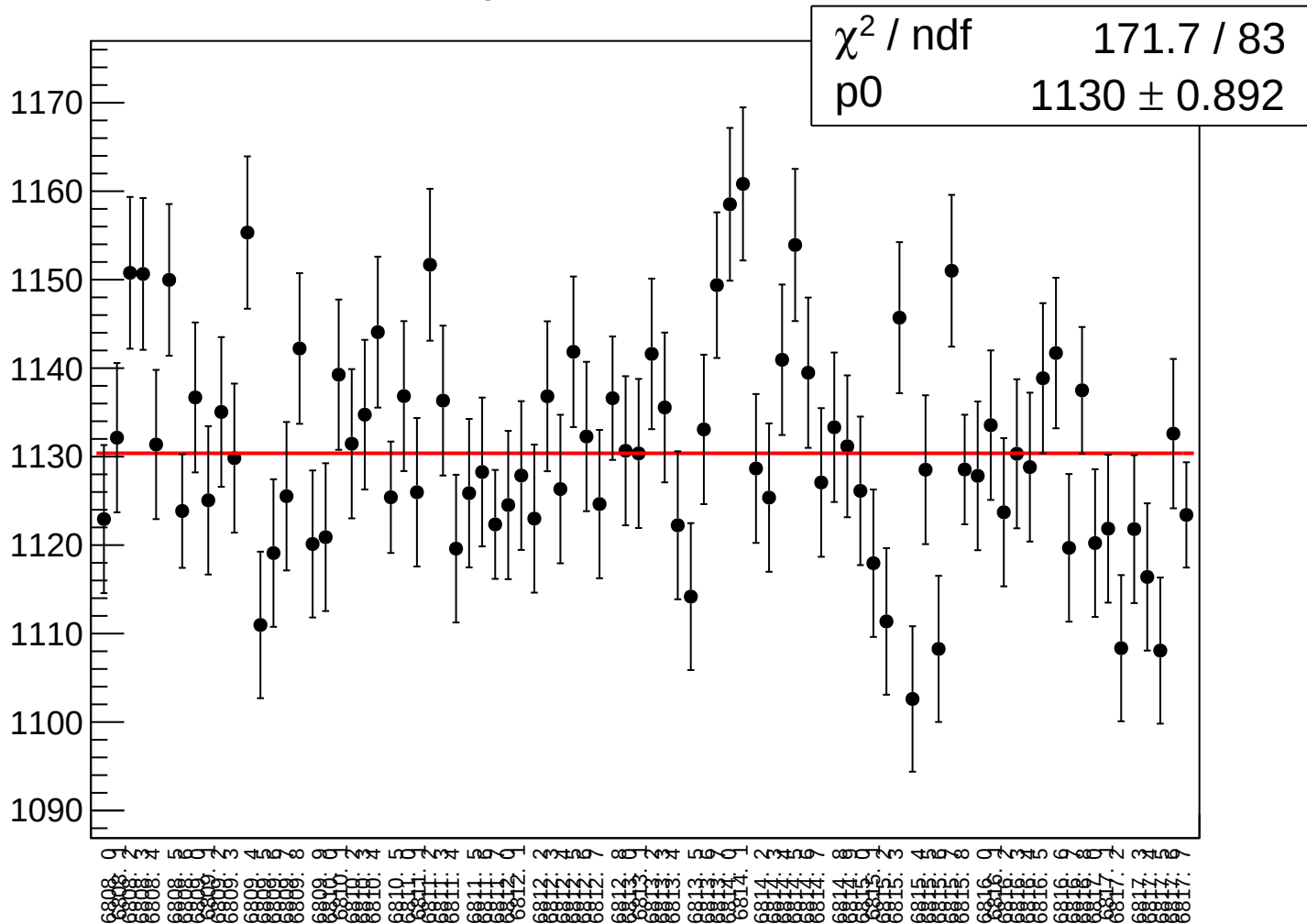
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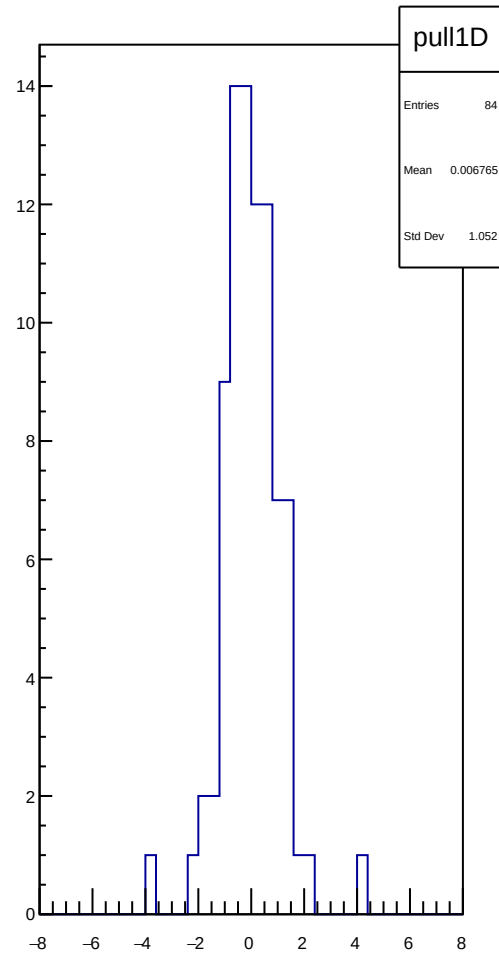
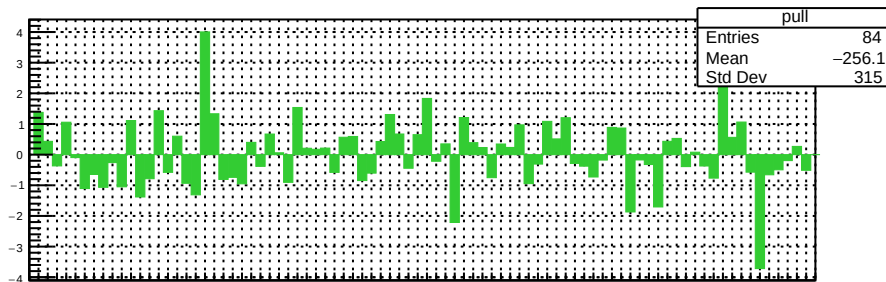
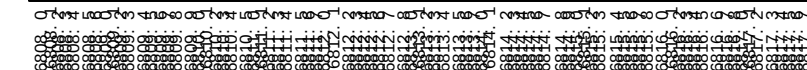
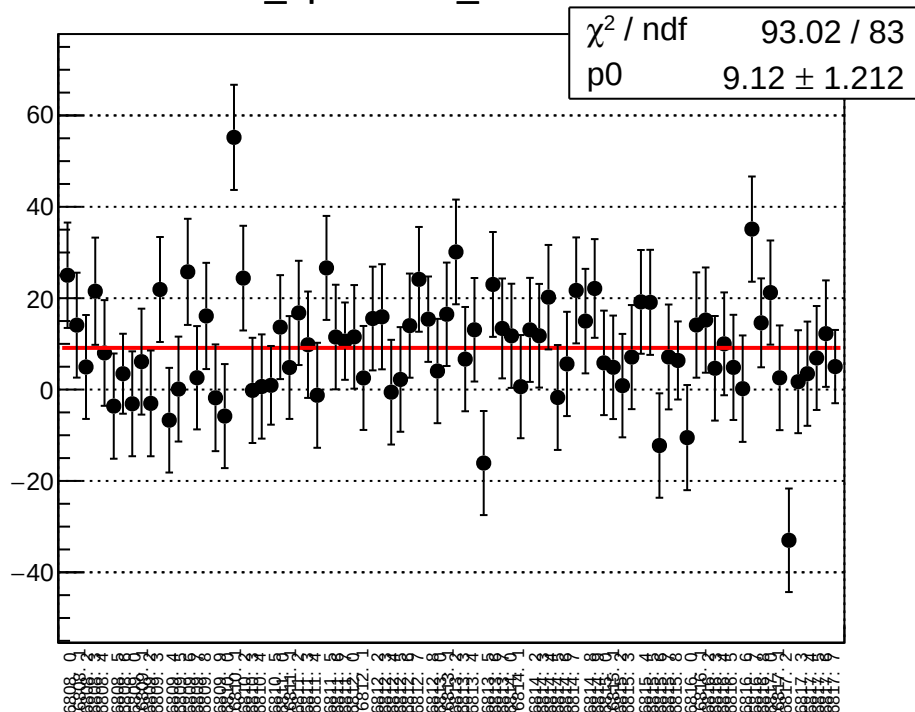
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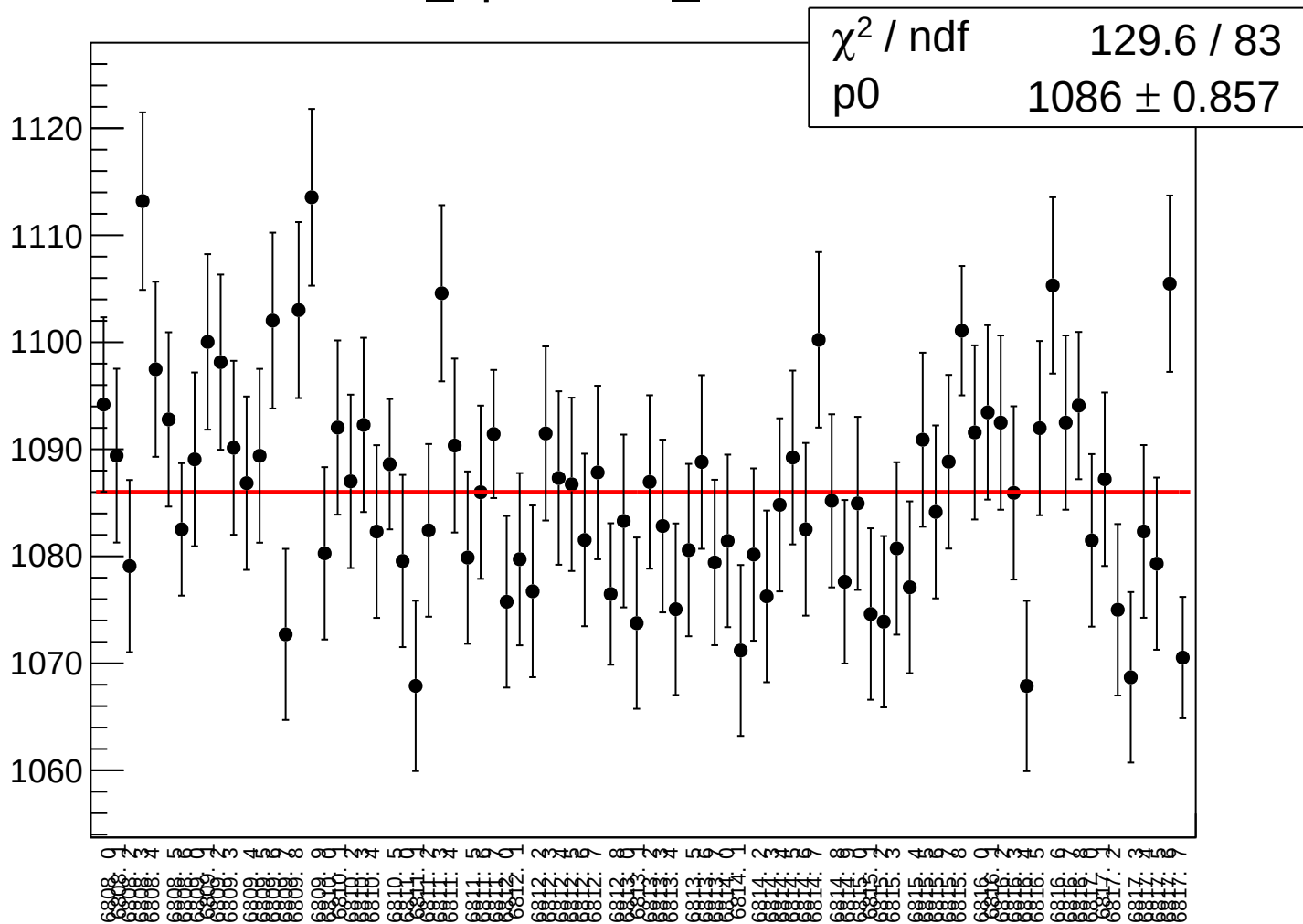
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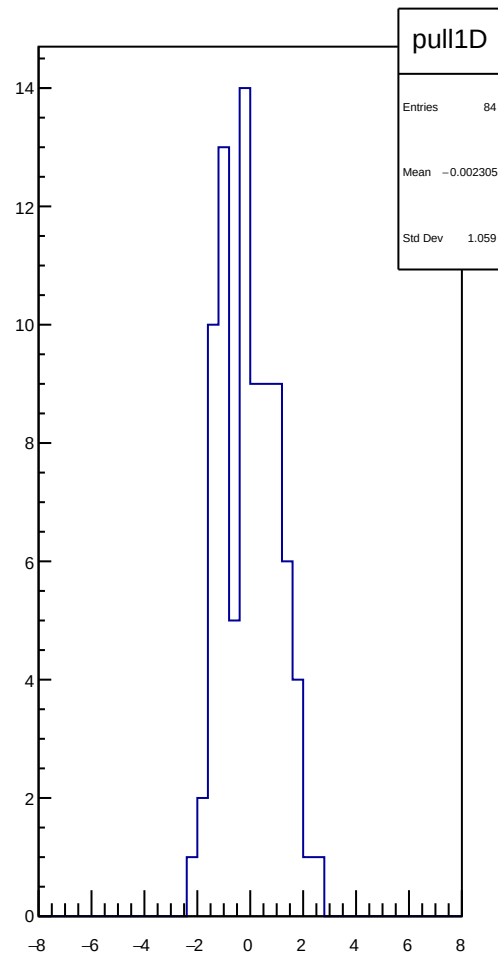
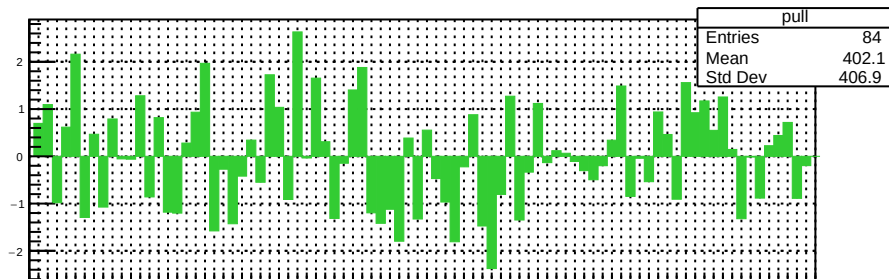
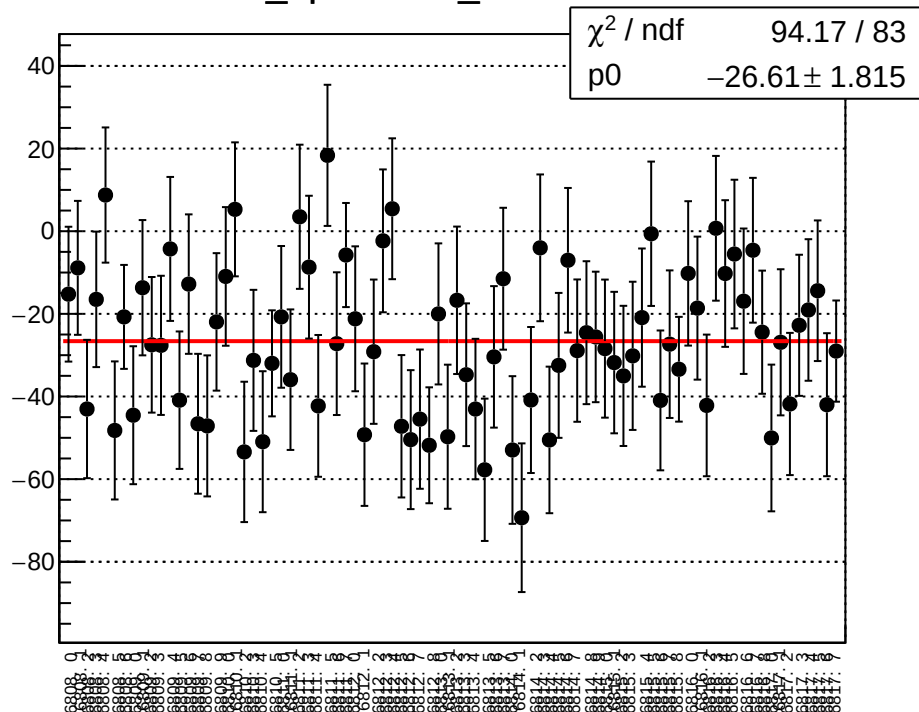
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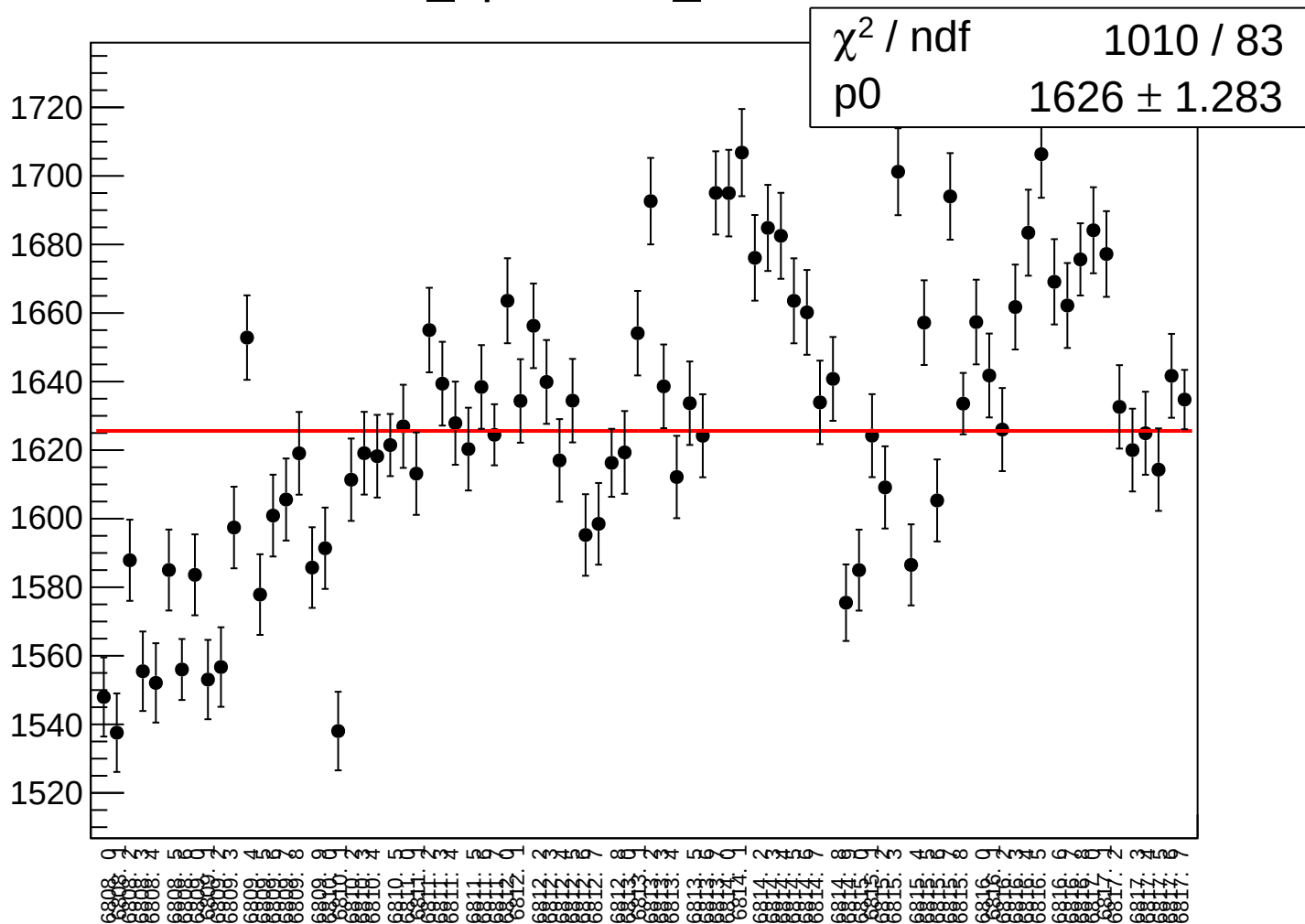
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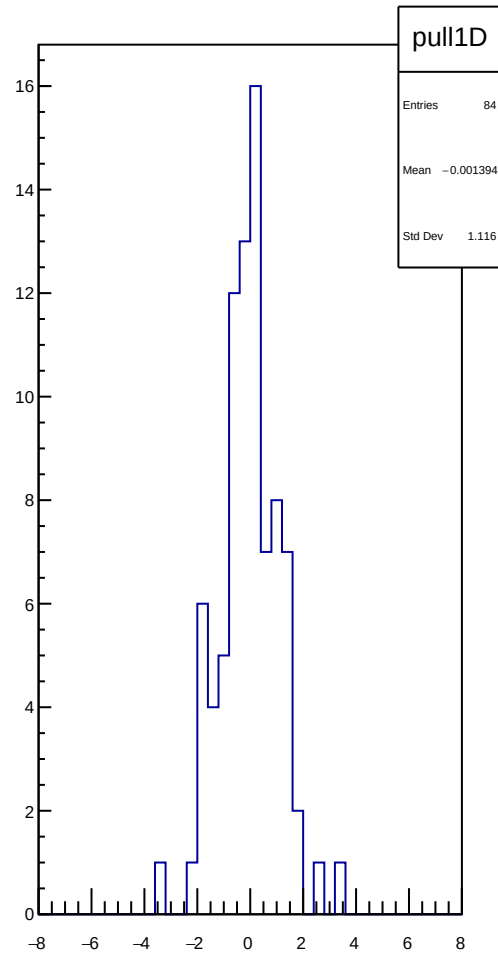
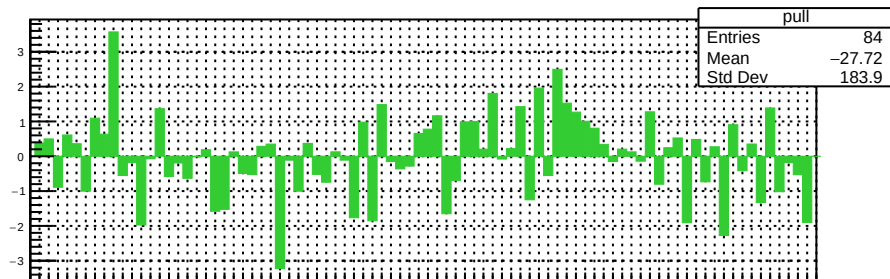
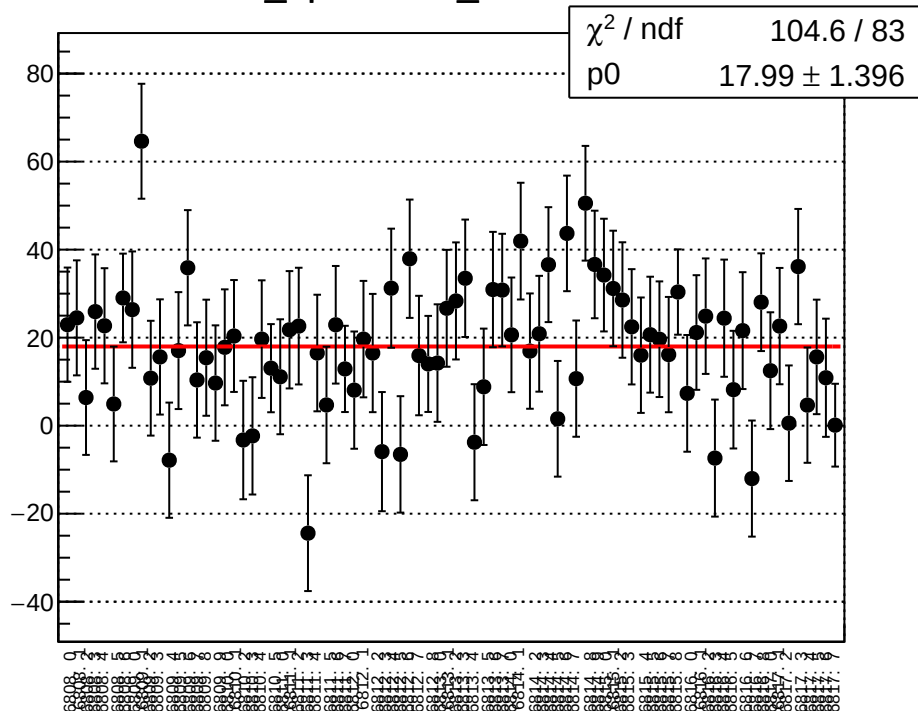
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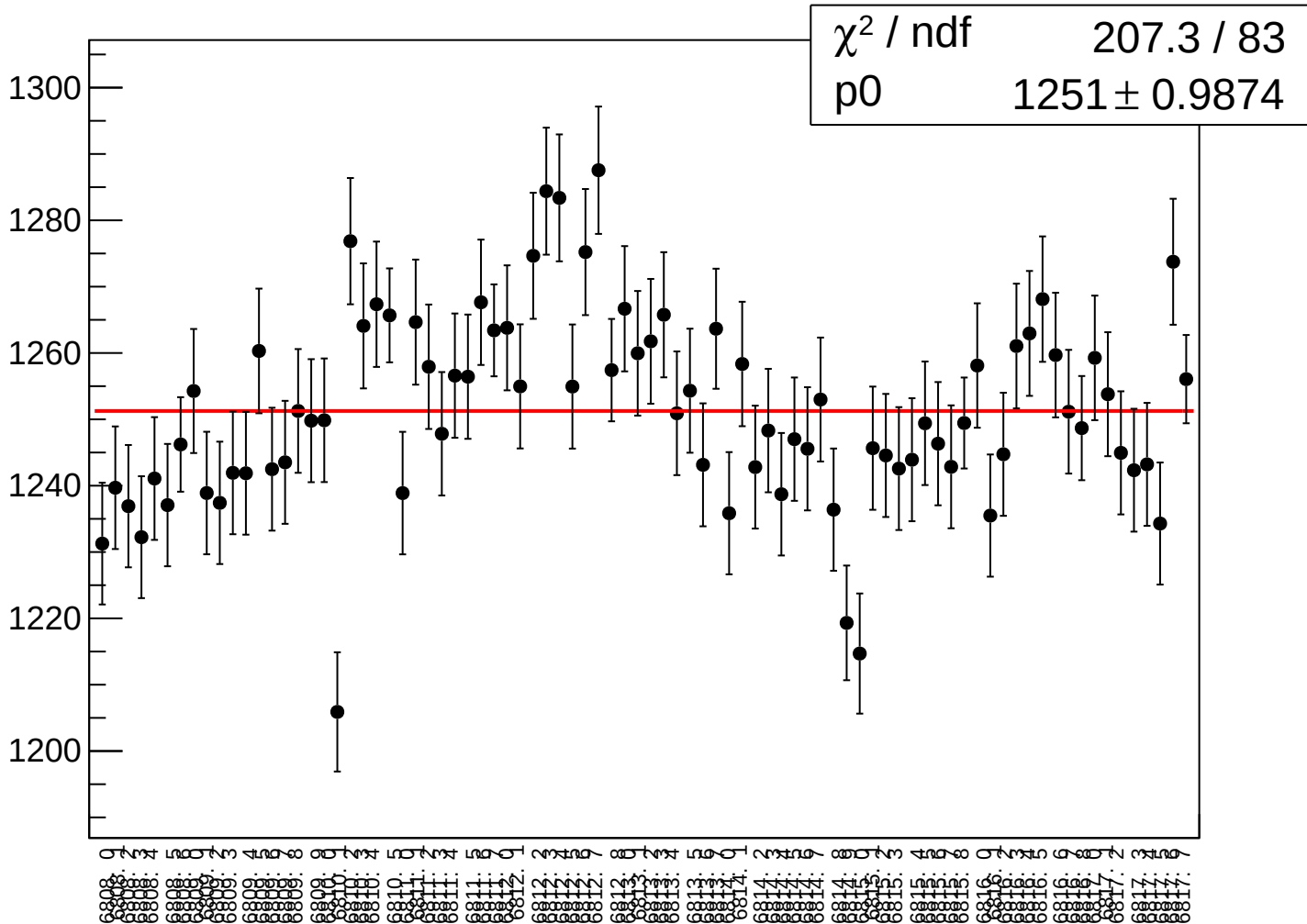
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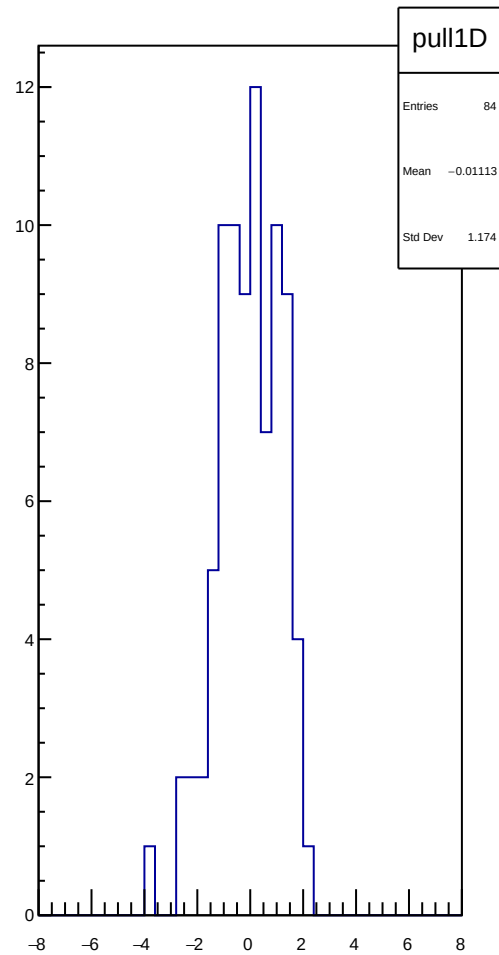
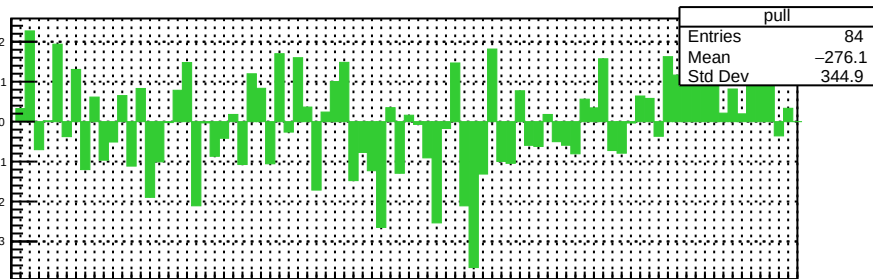
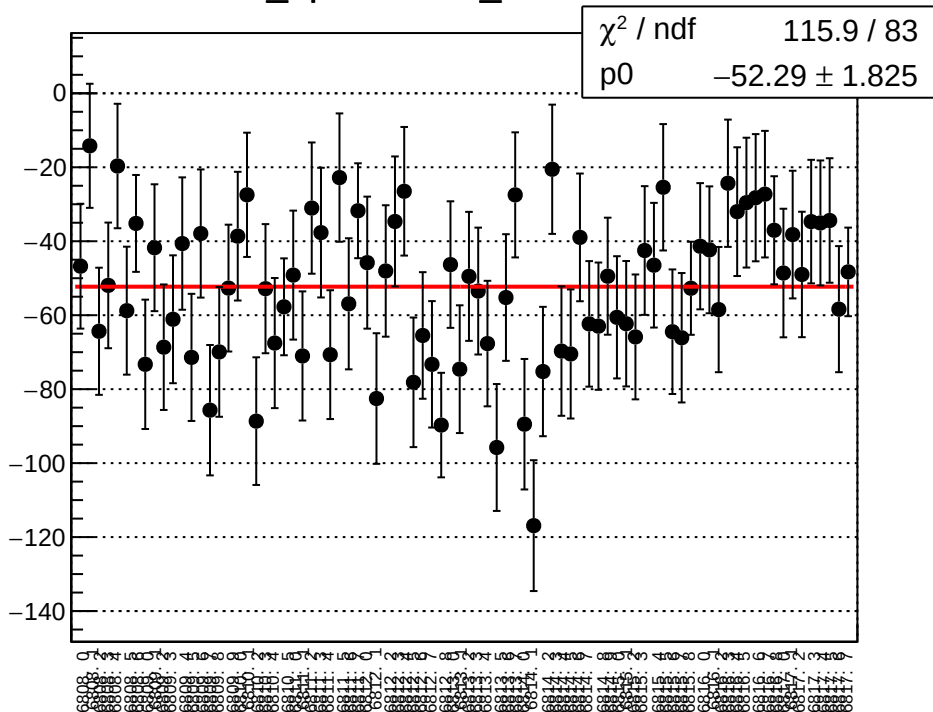
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diff_bpm0i02Y_rms vs run



diff_bpm0i02aX_mean vs run

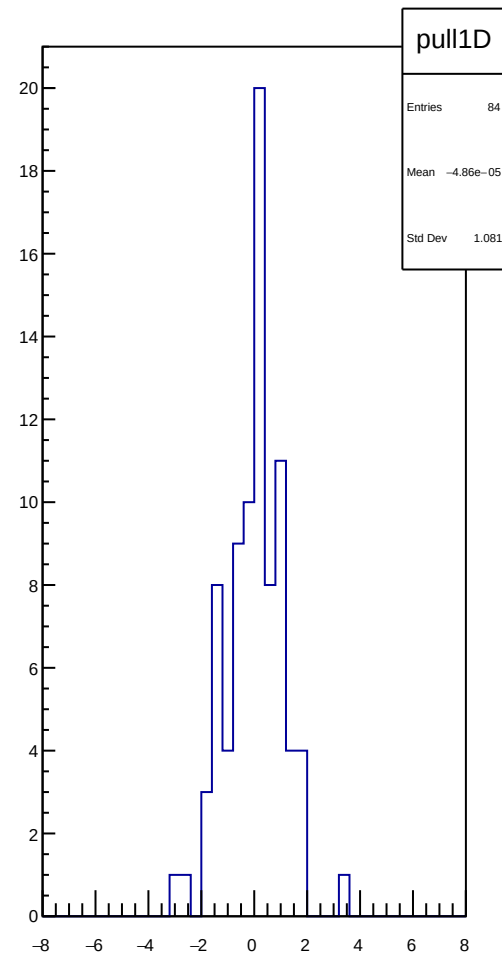
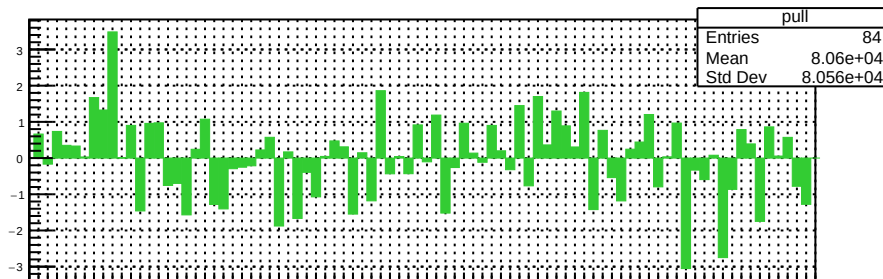
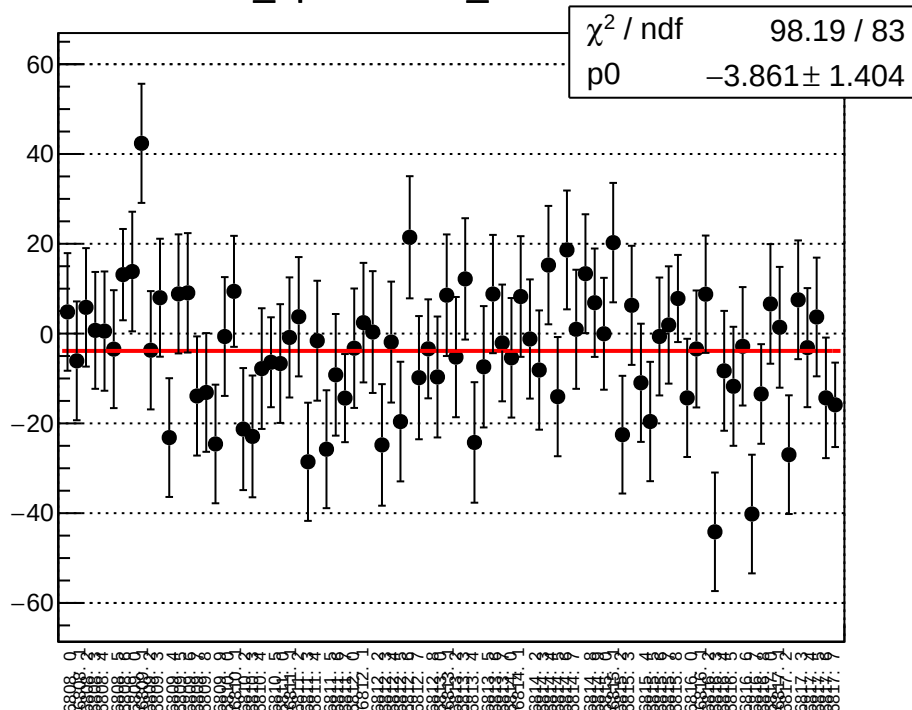


χ^2 / ndf

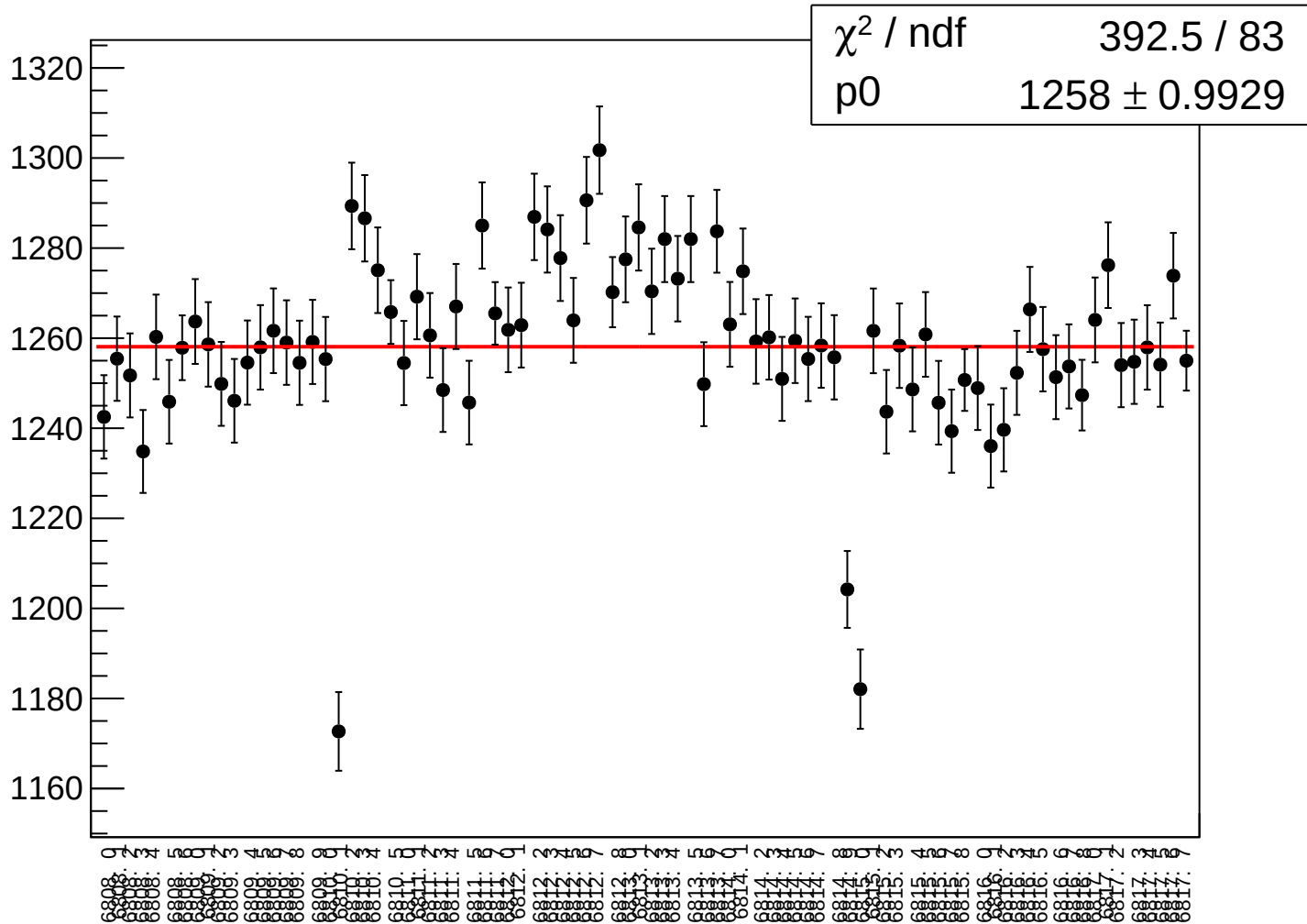
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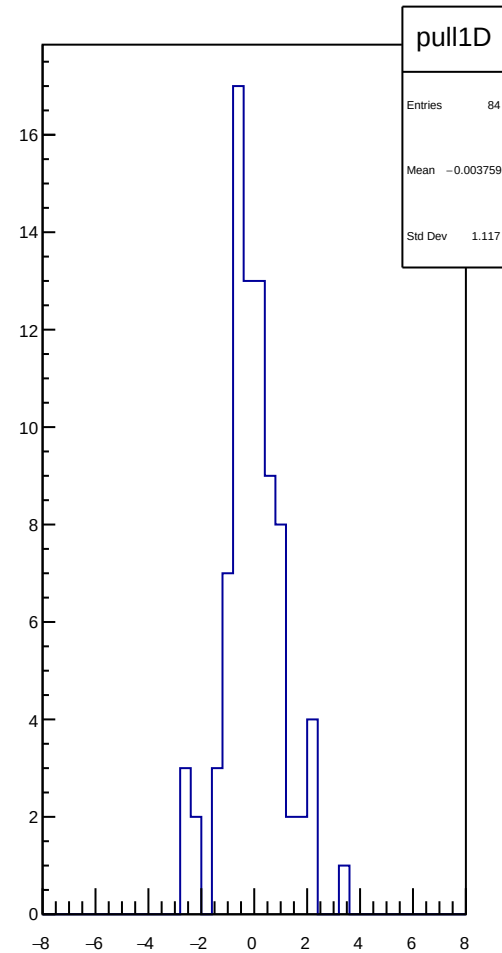
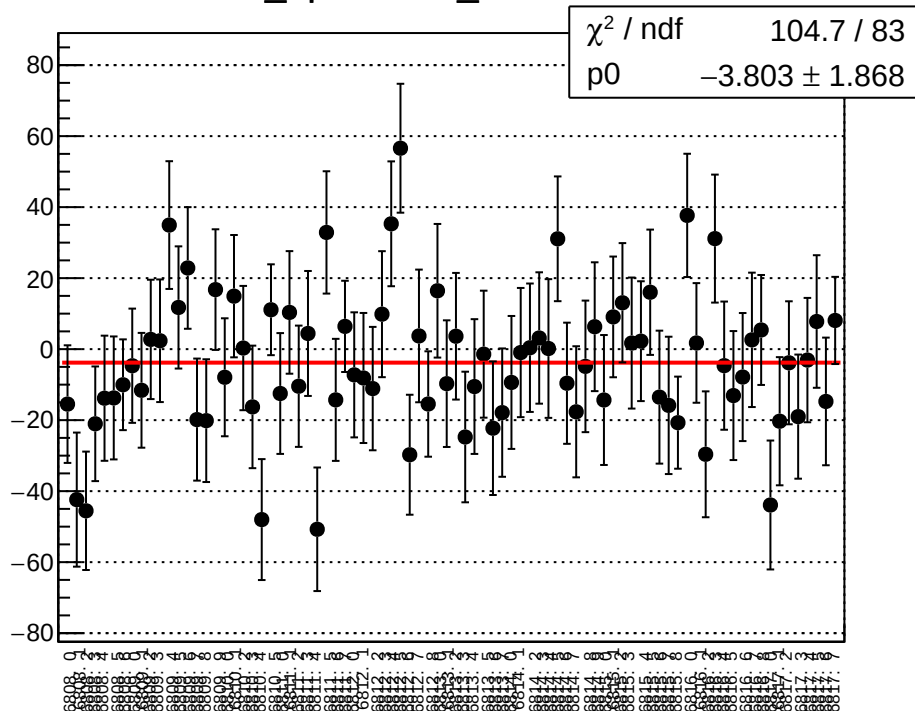
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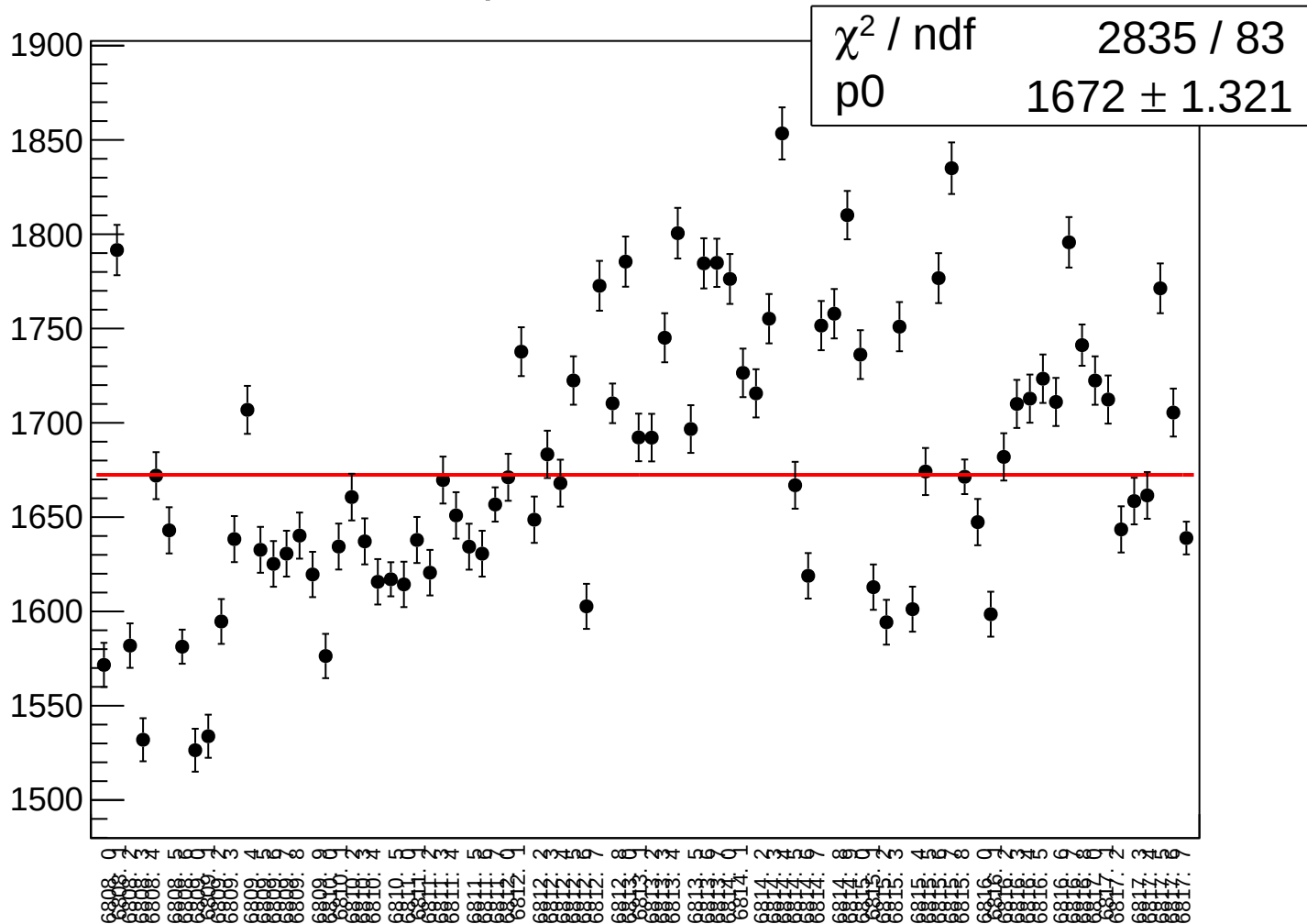
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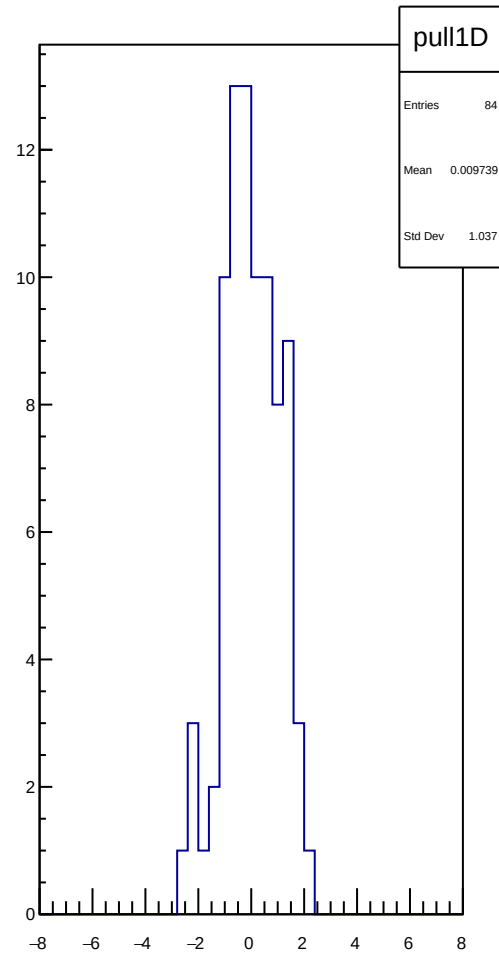
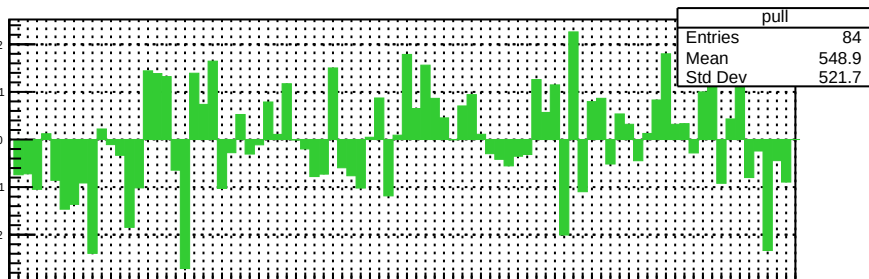
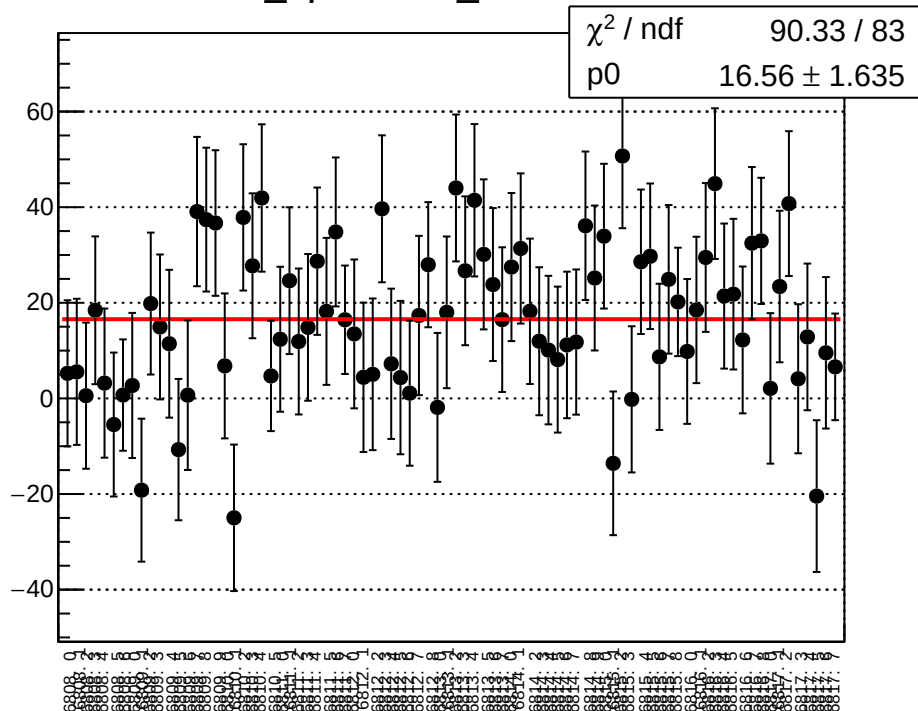
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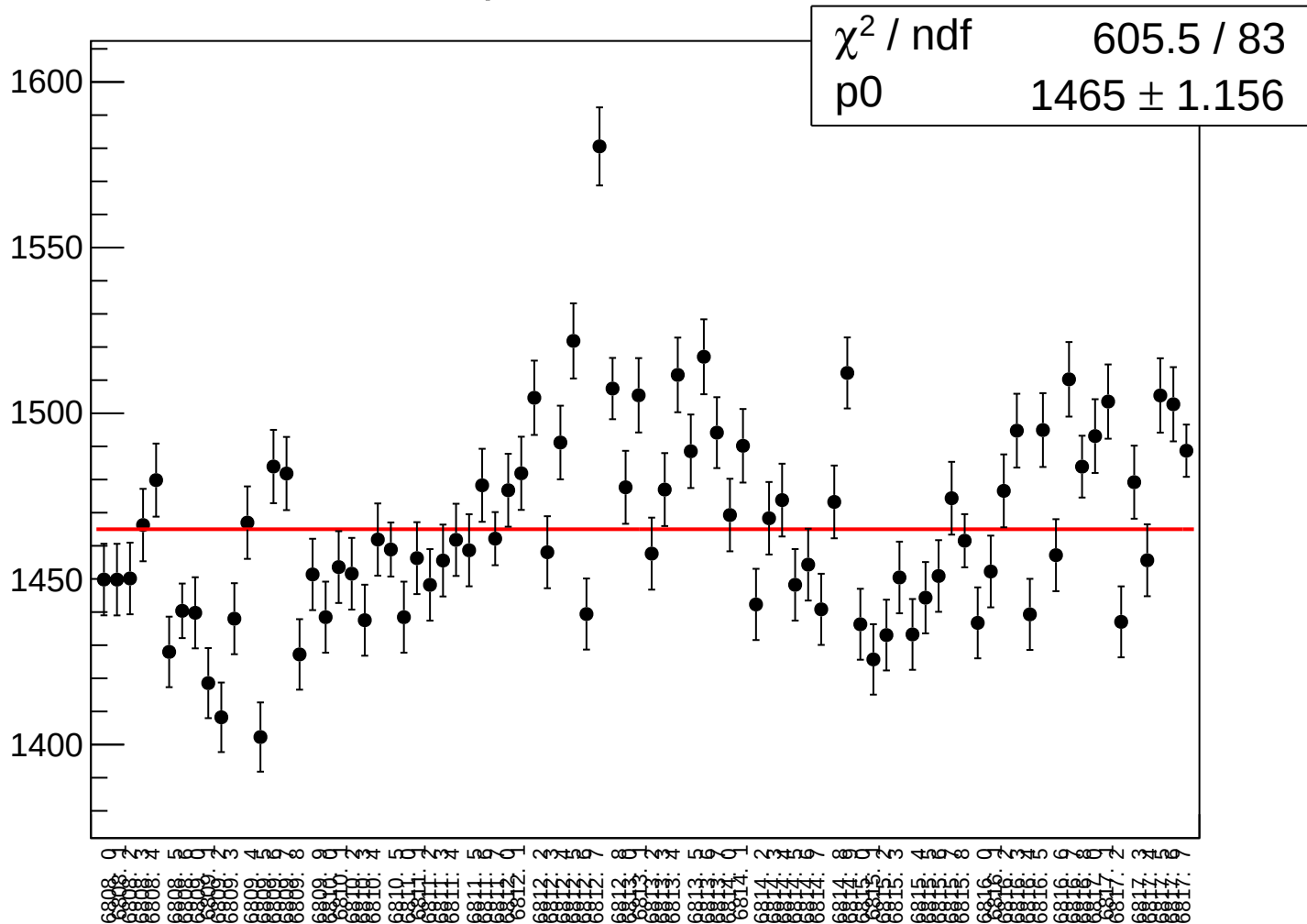
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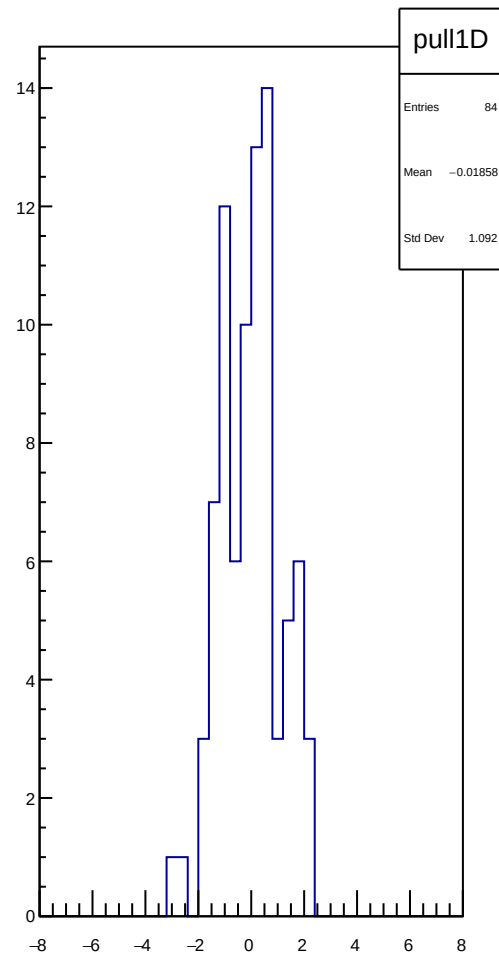
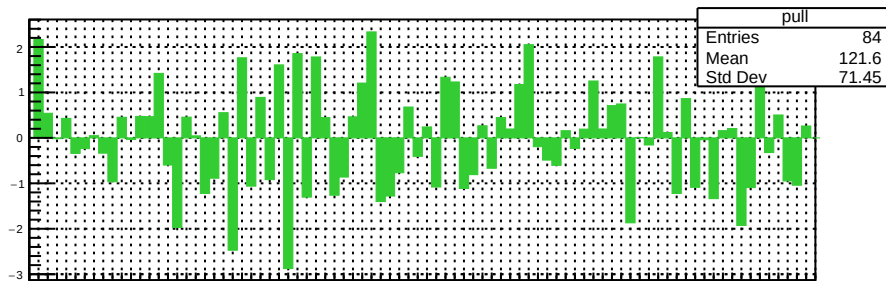
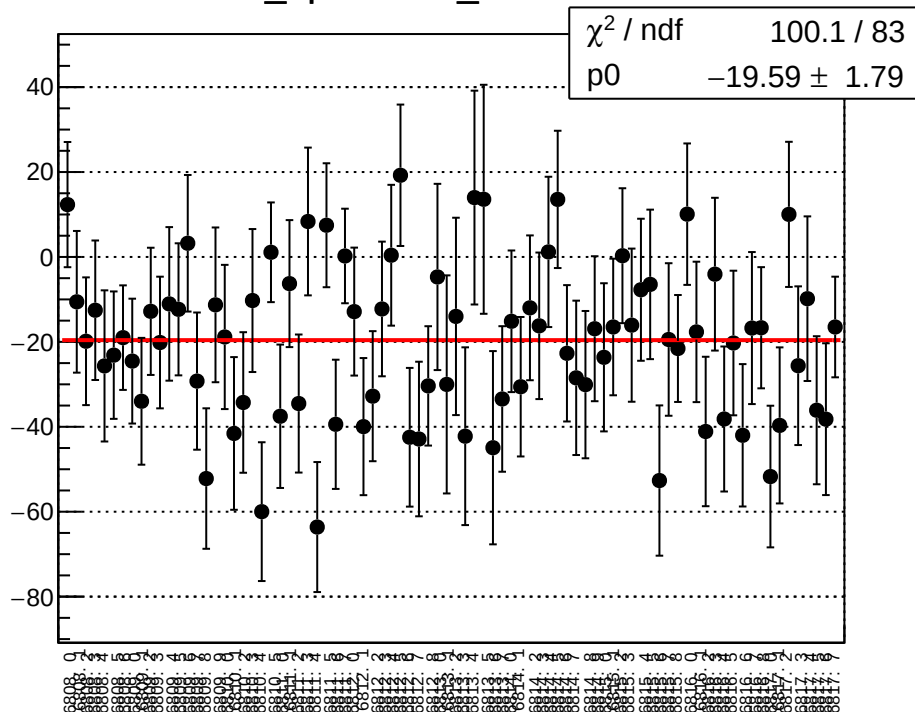
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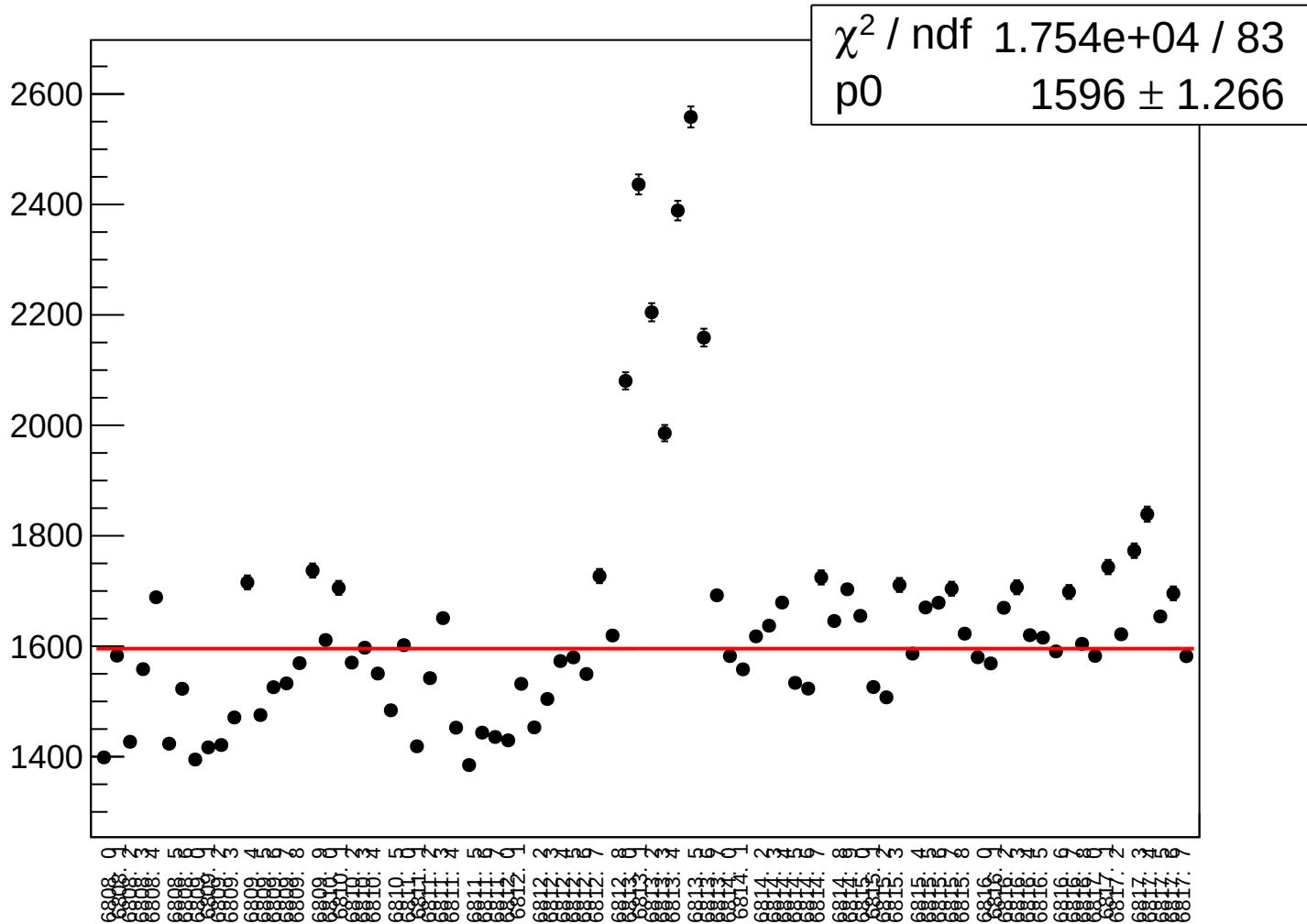
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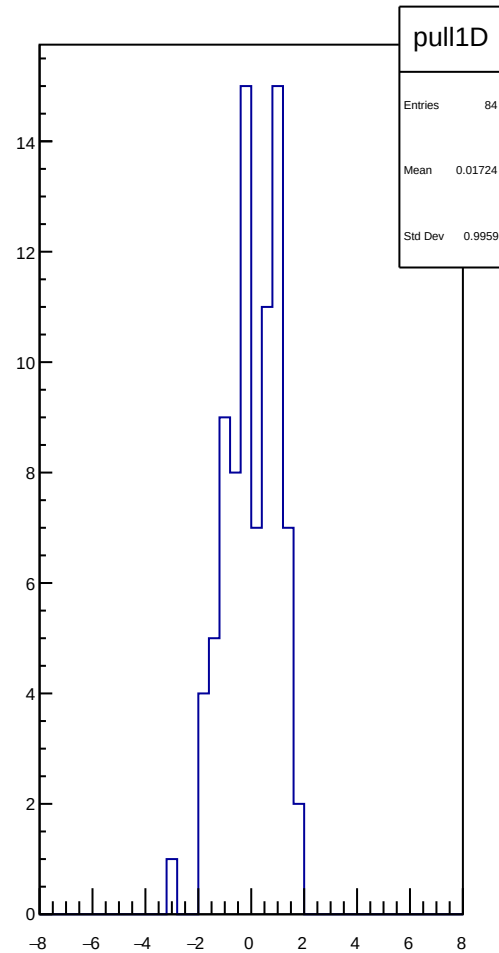
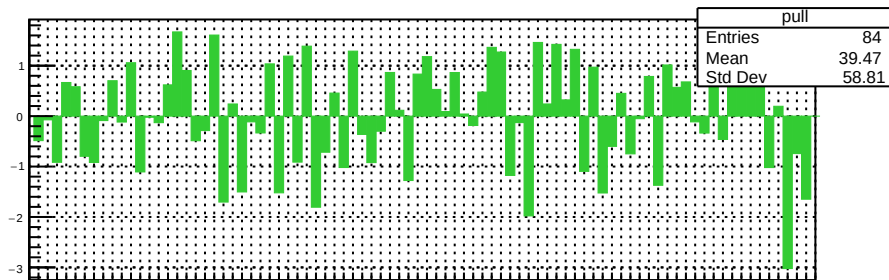
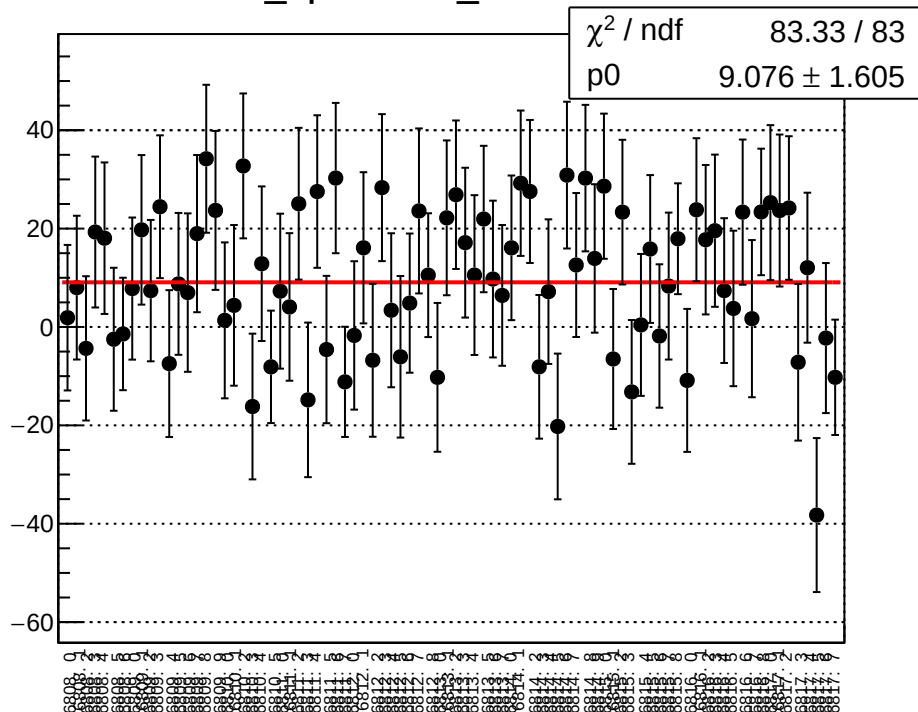
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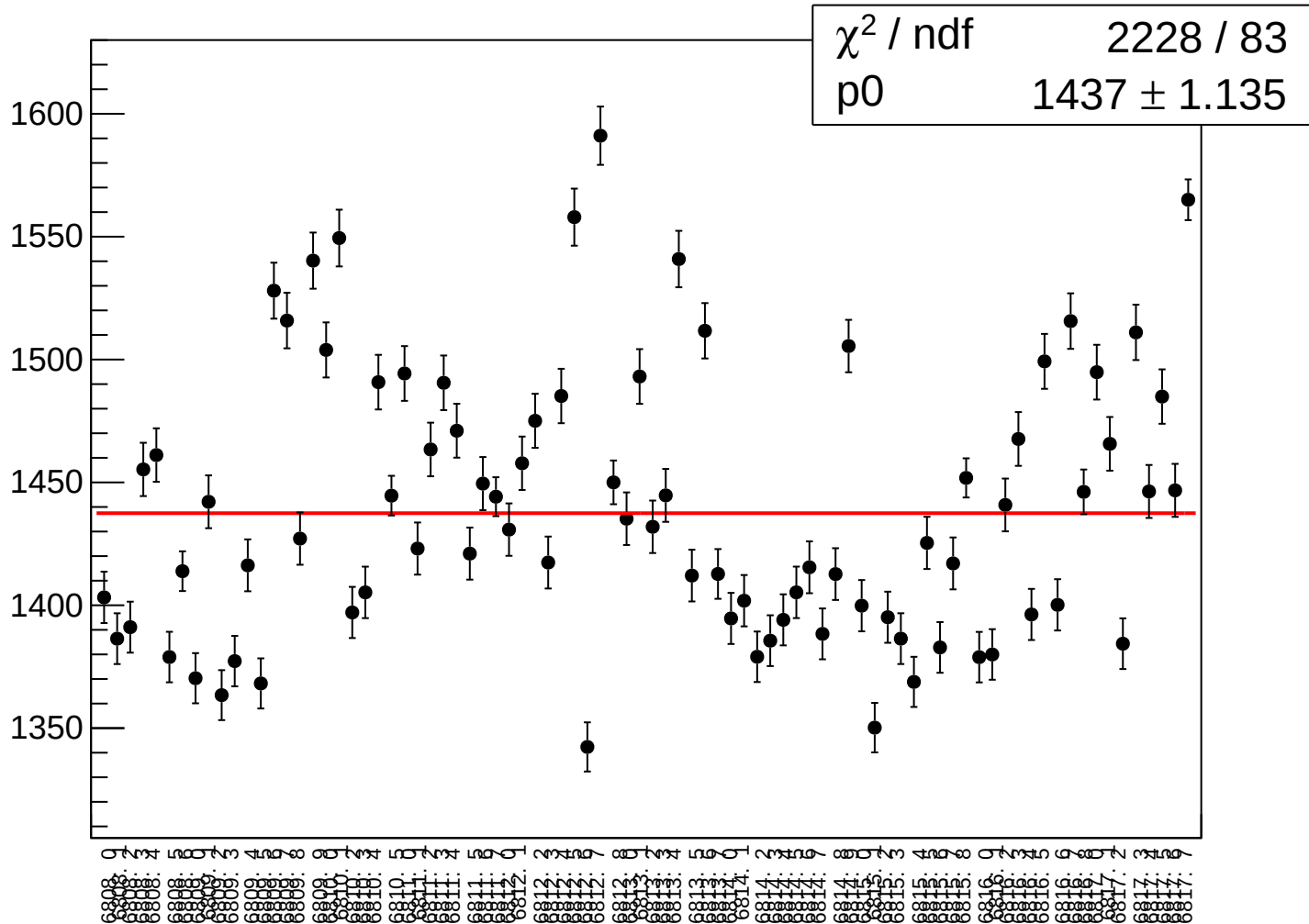
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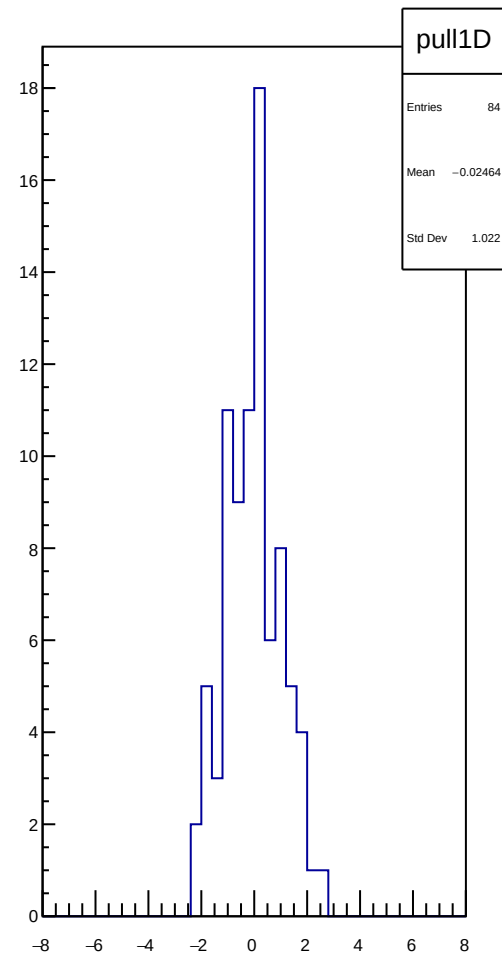
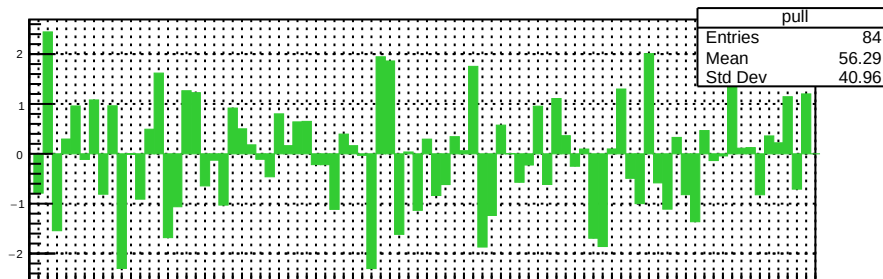
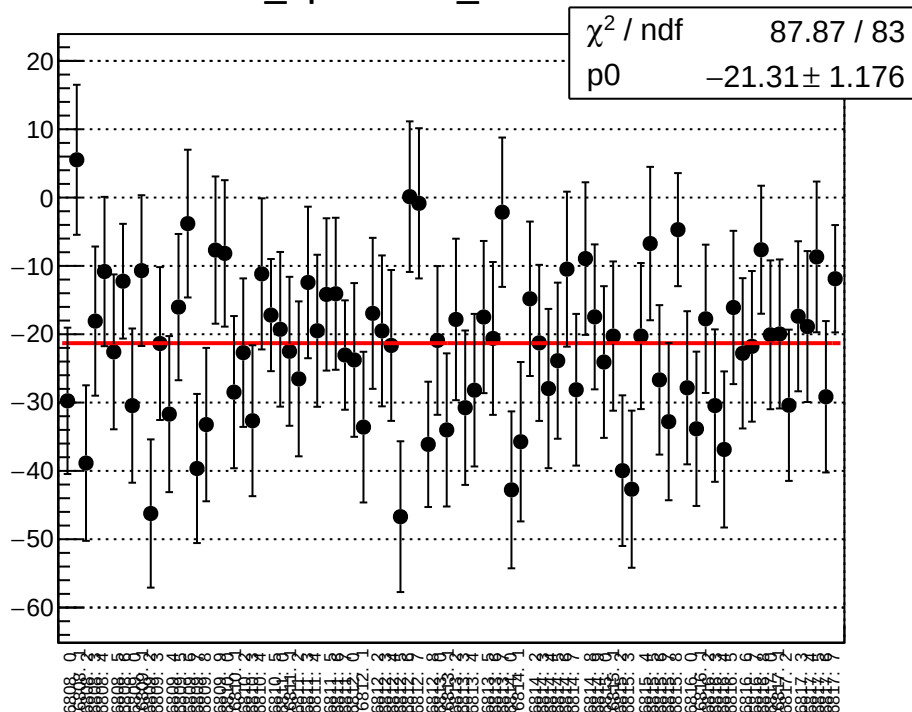
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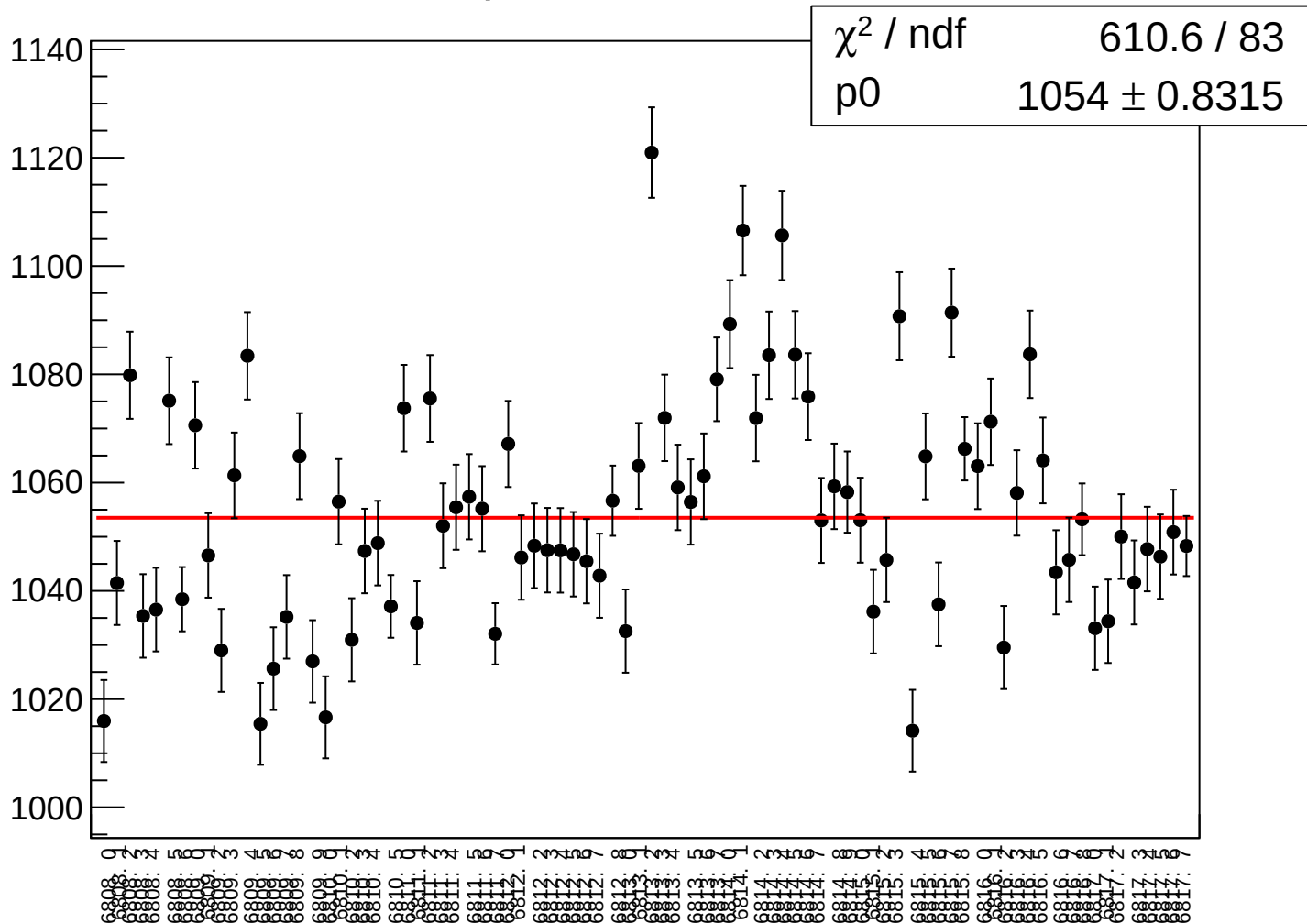
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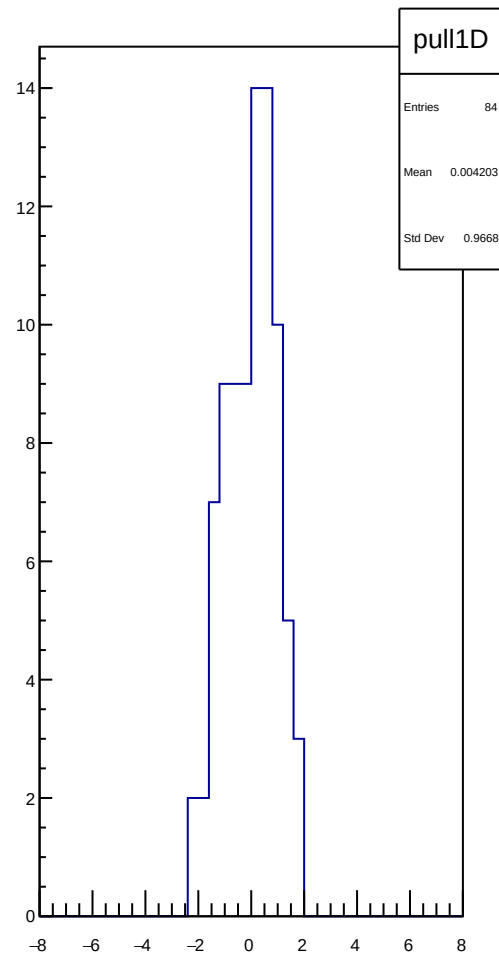
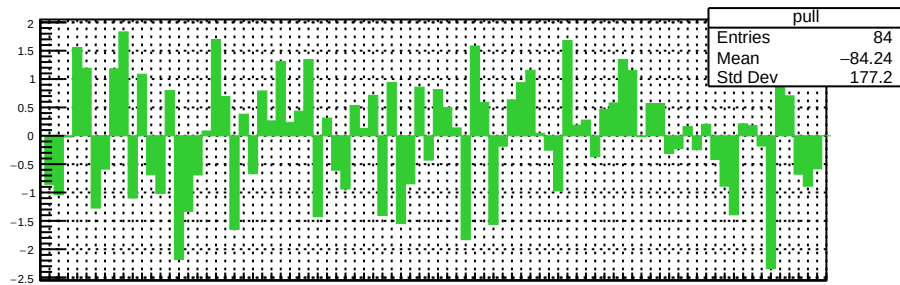
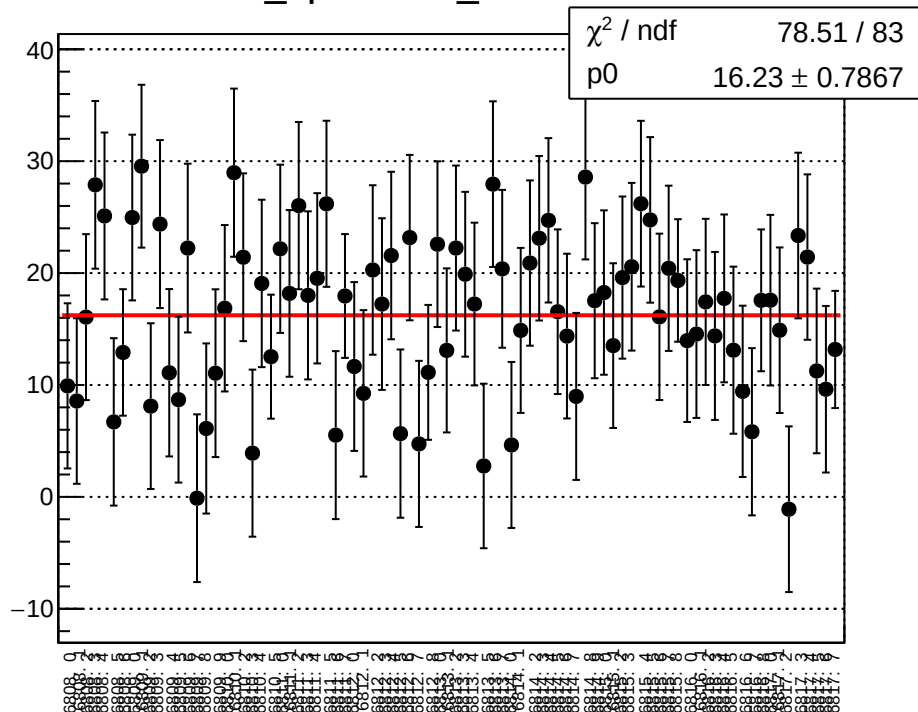
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diff_bpm1i02X_rms vs run



diff_bpm1i02Y_mean vs run

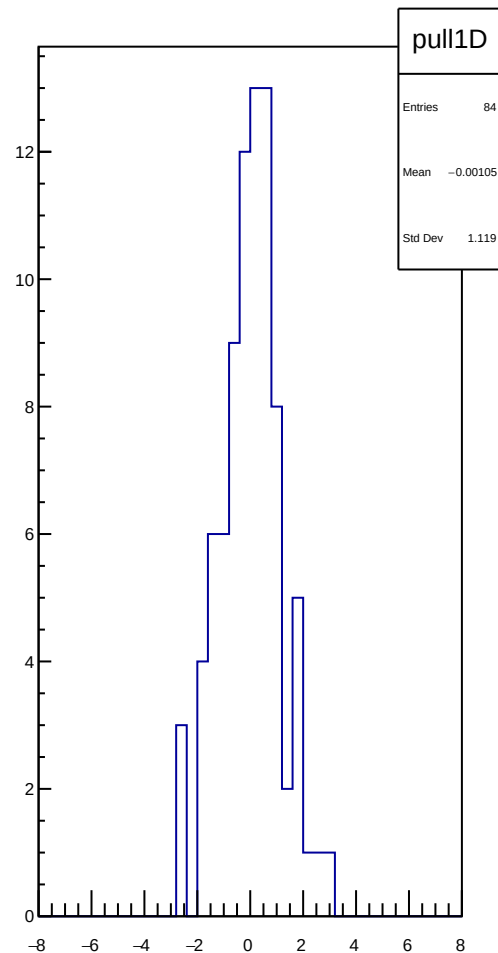
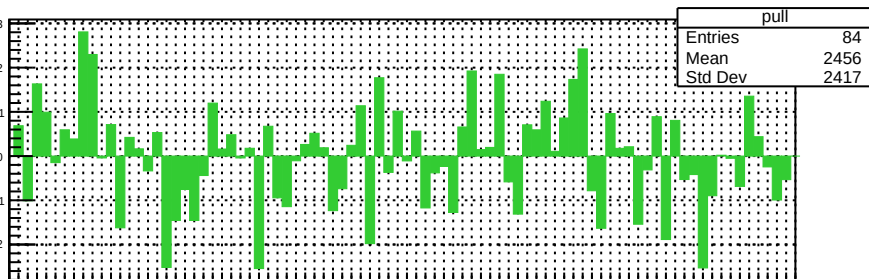
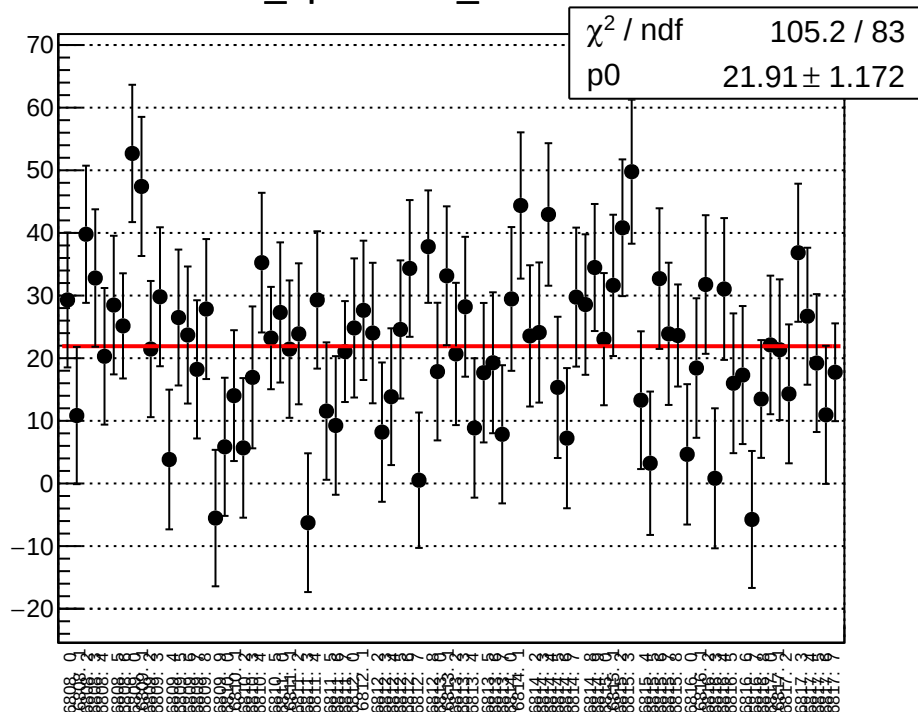


χ^2 / ndf

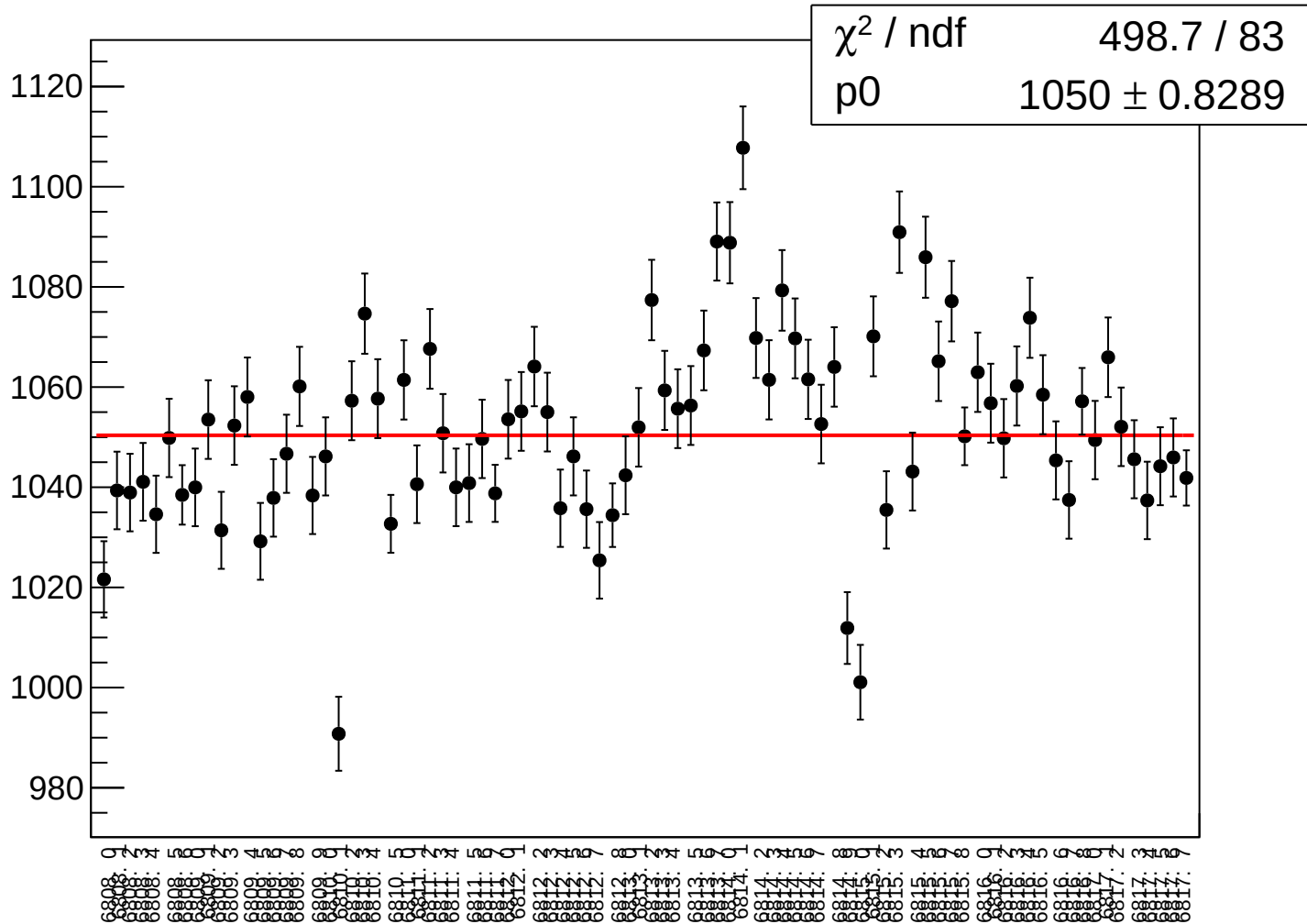
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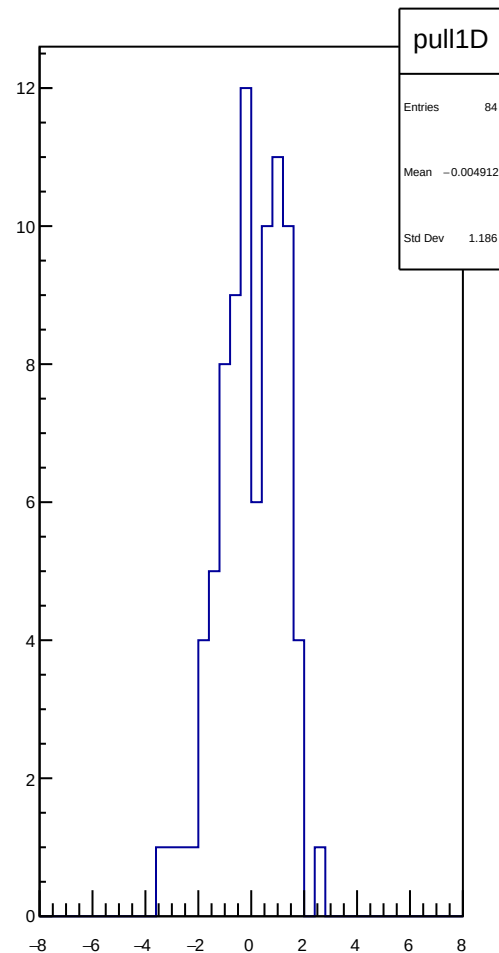
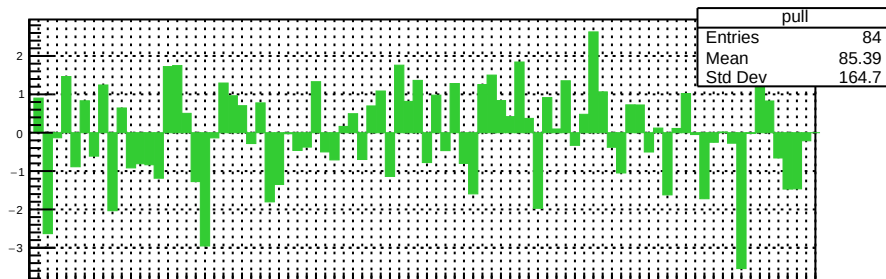
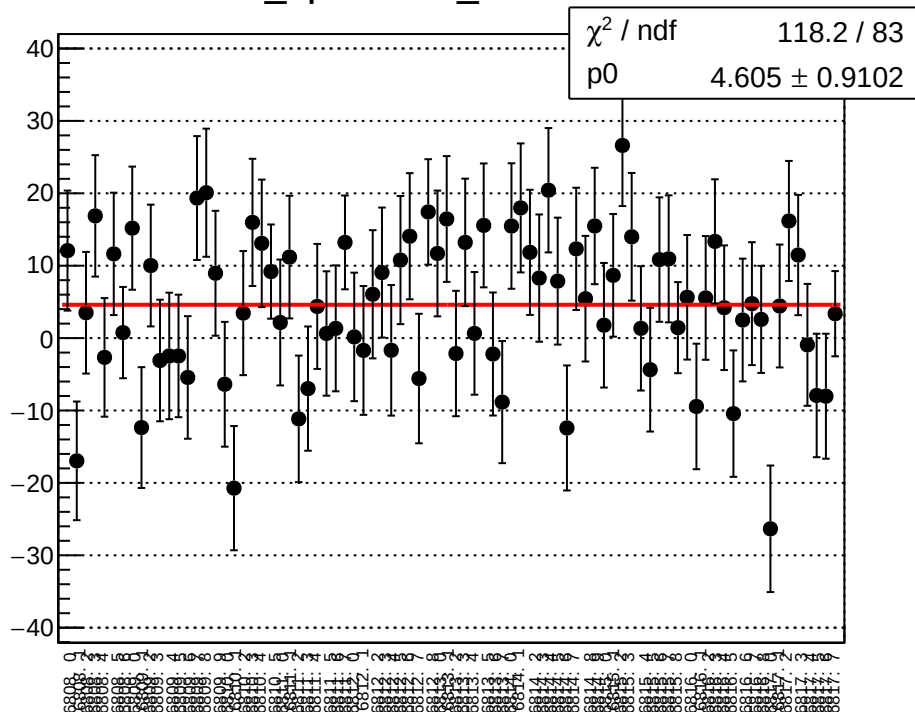
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diff_bpm1i04X_rms vs run



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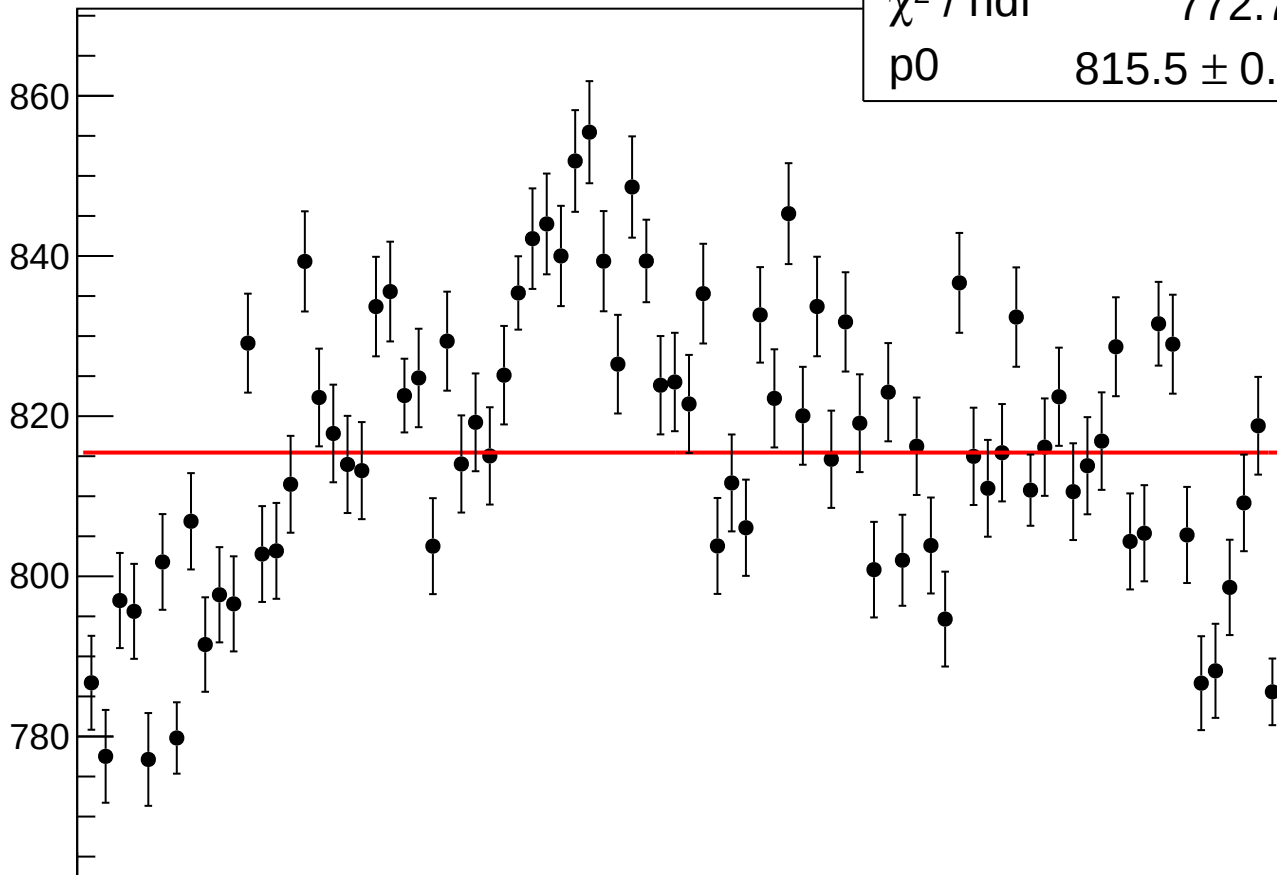
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χ^2 / ndf

772.7 / 83

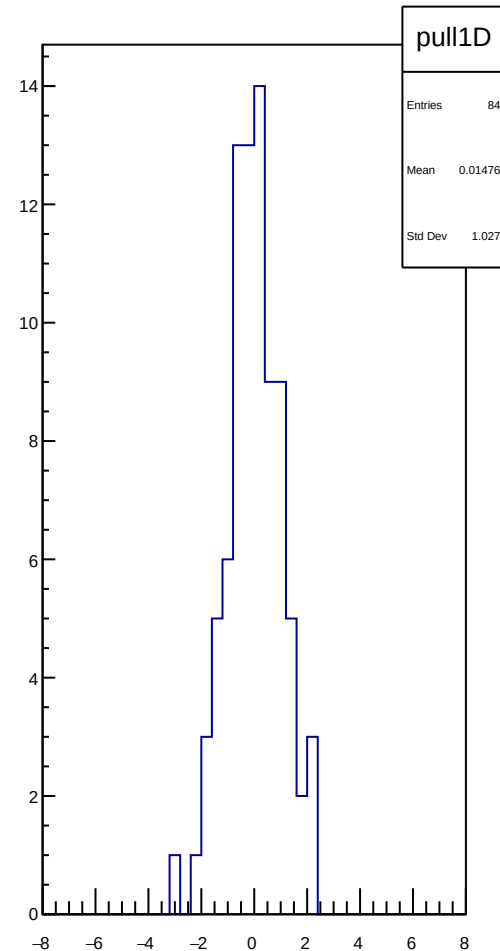
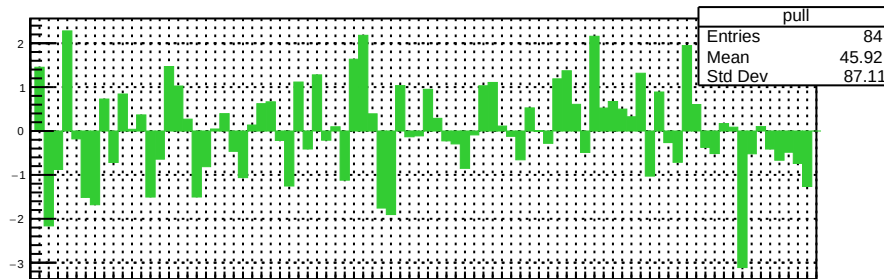
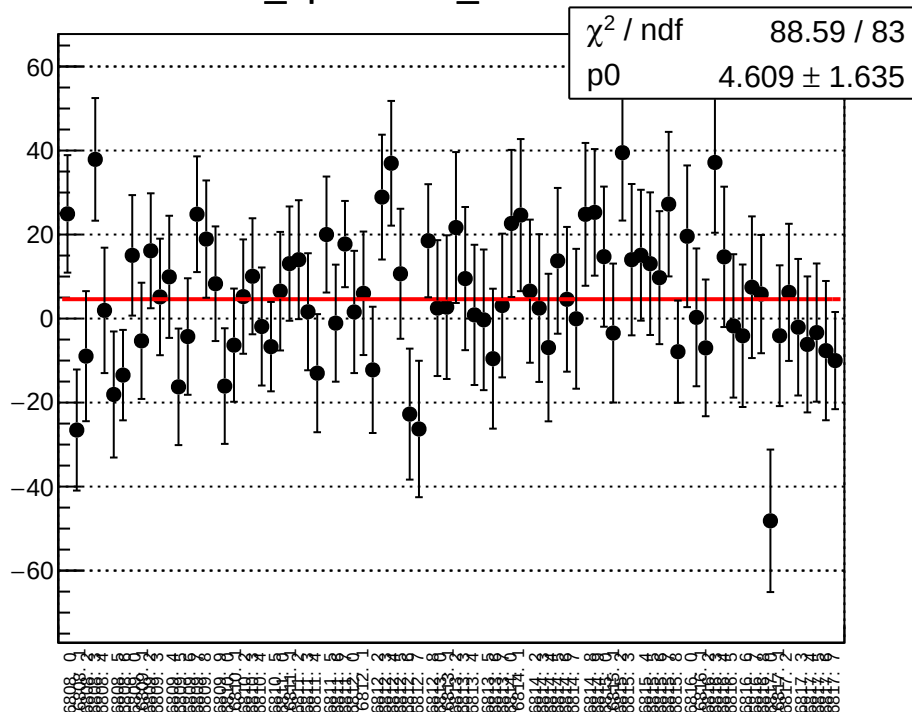
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815.5 ± 0.6436

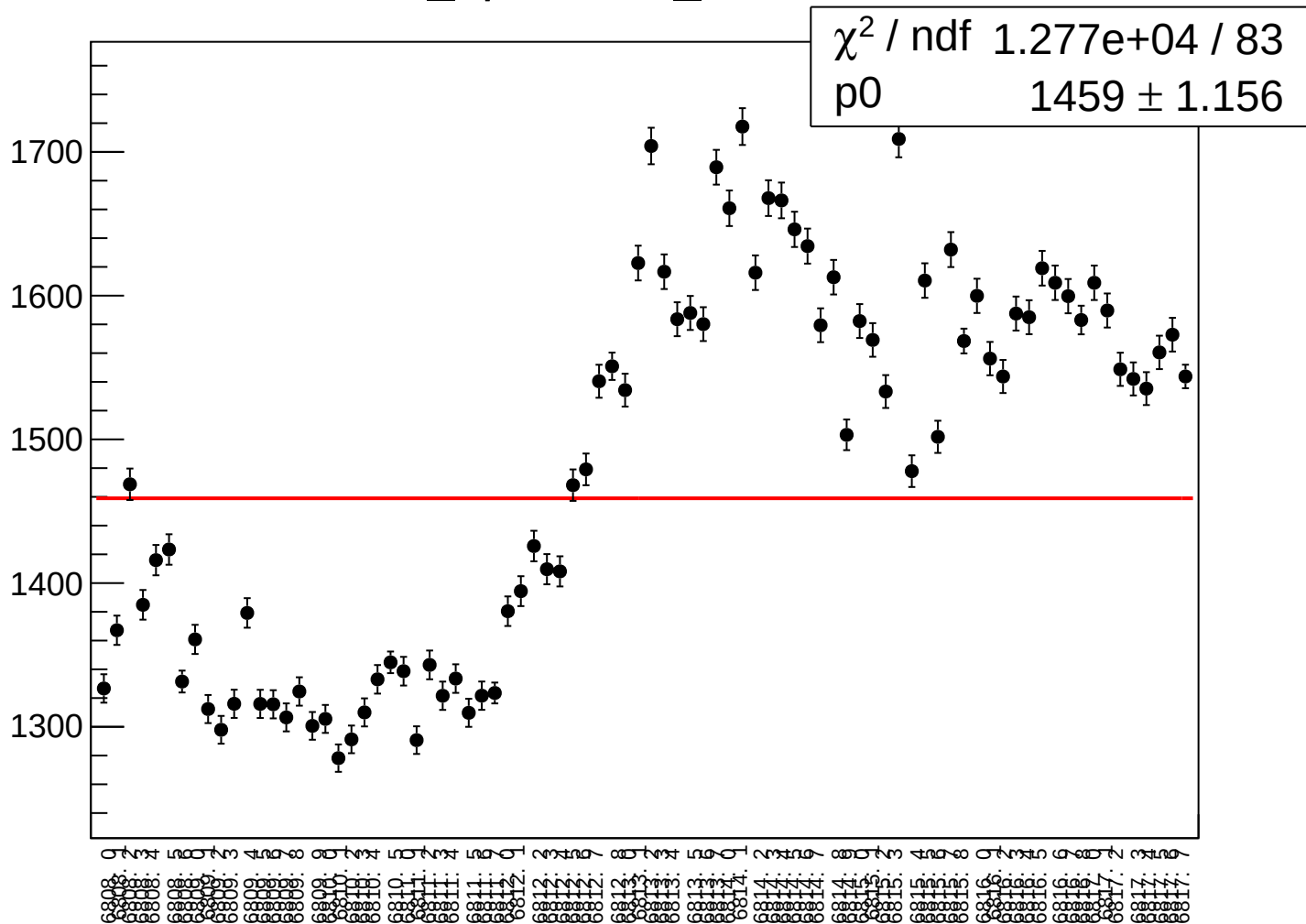


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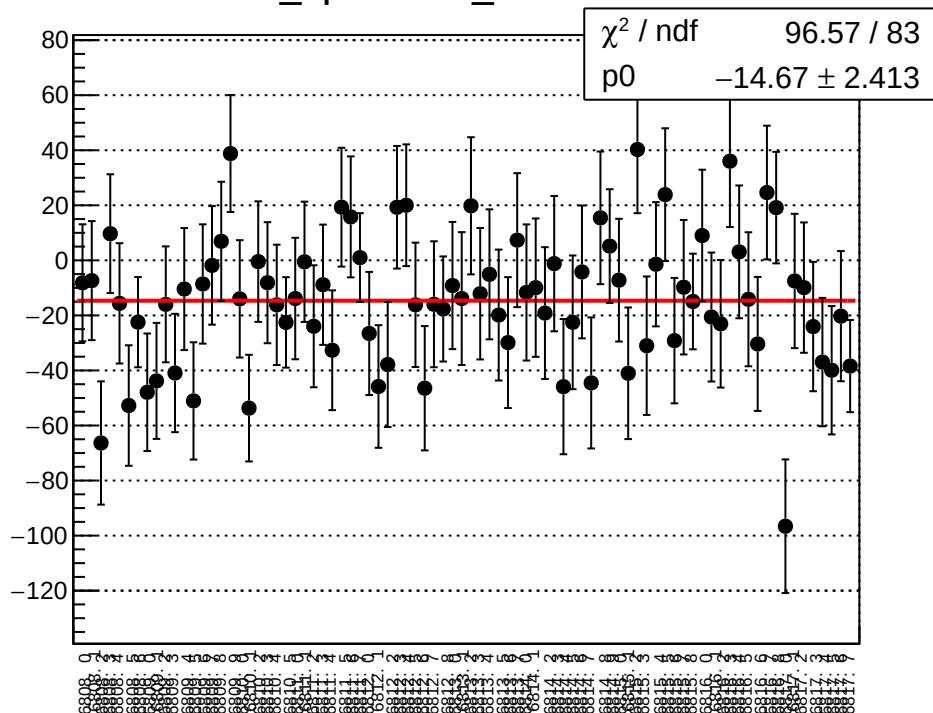
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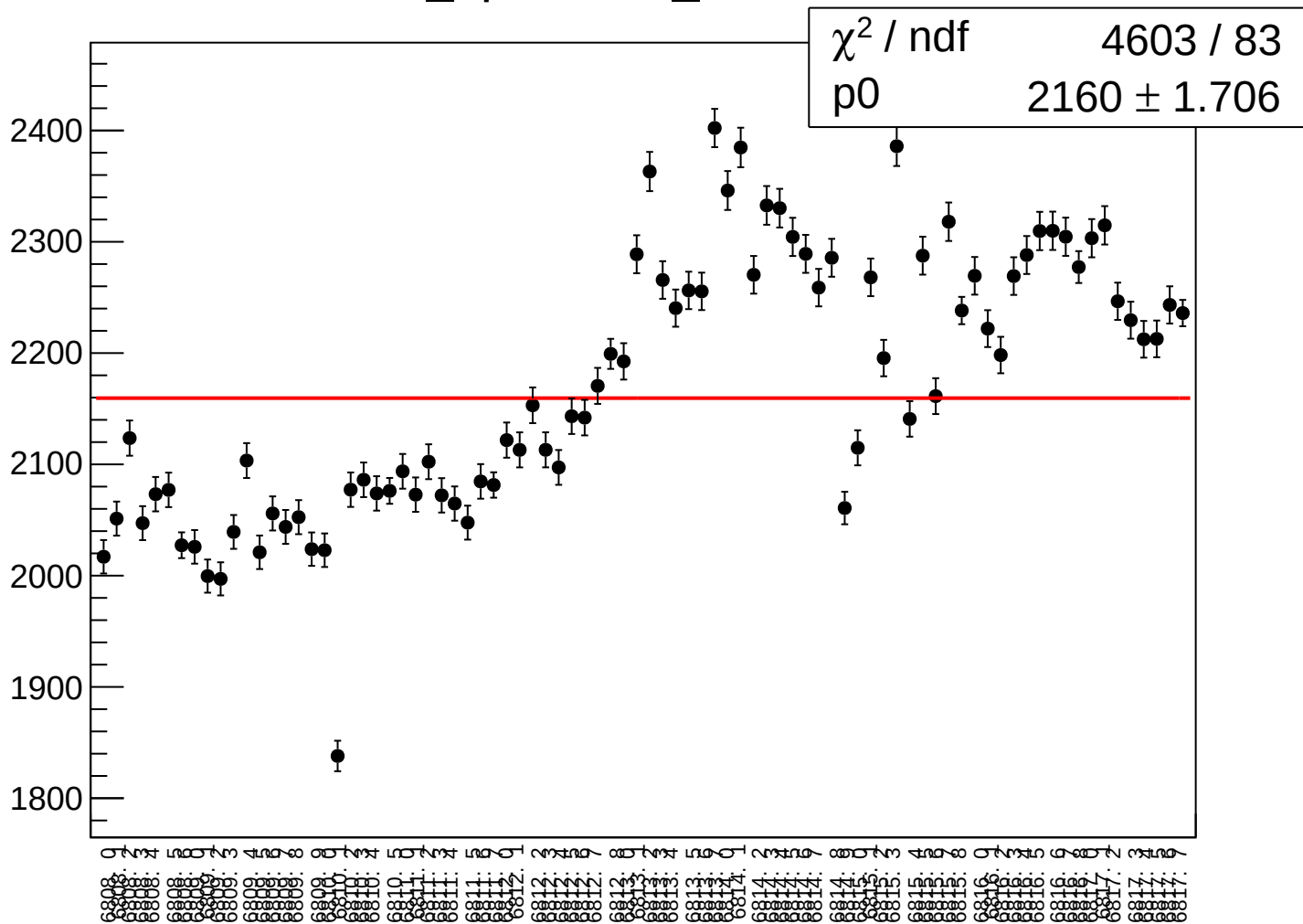


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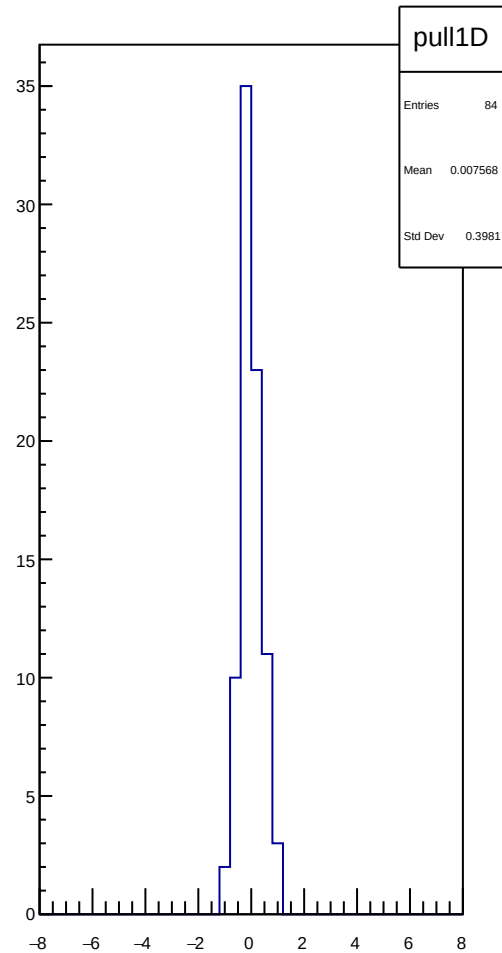
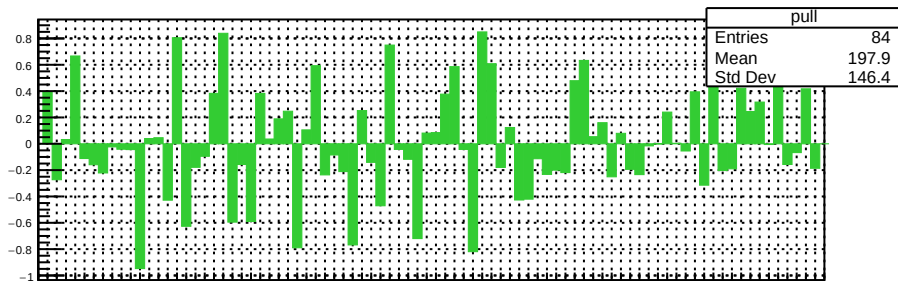
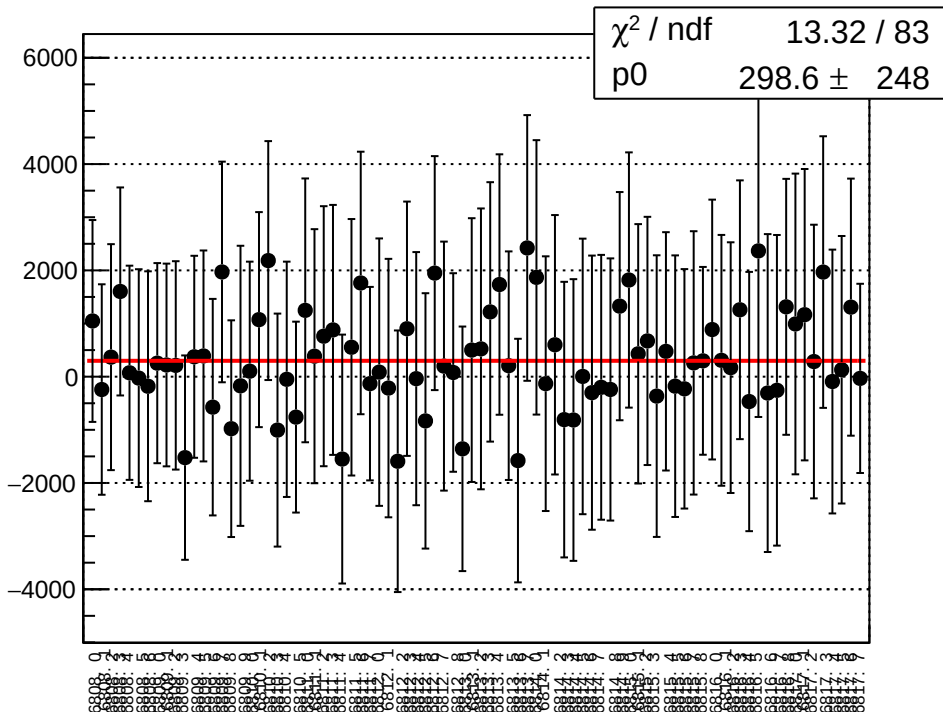


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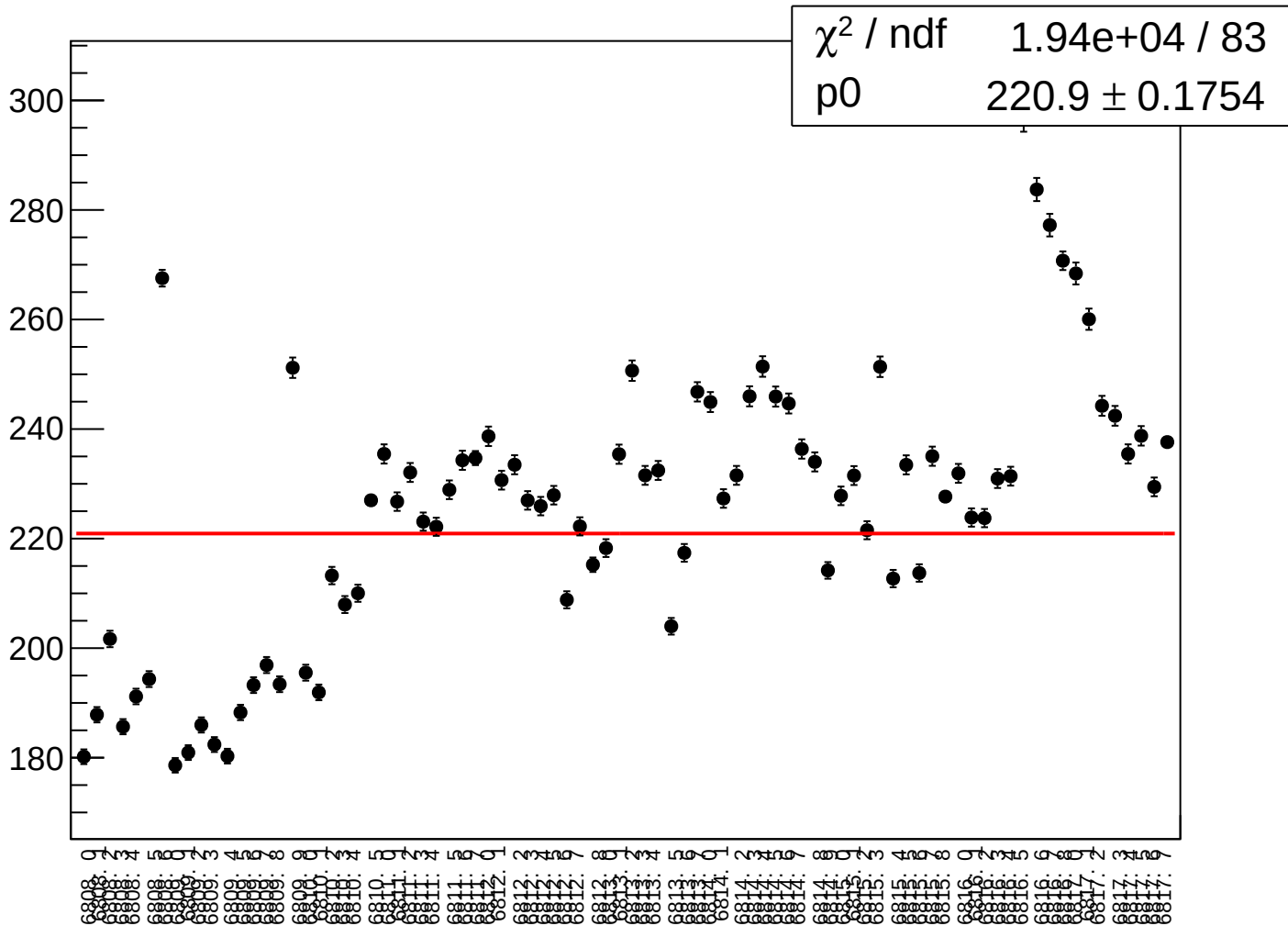
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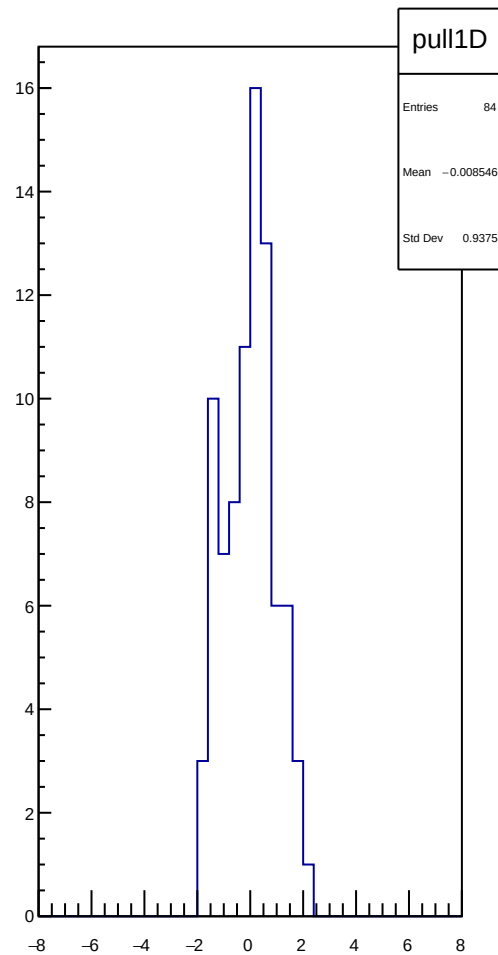
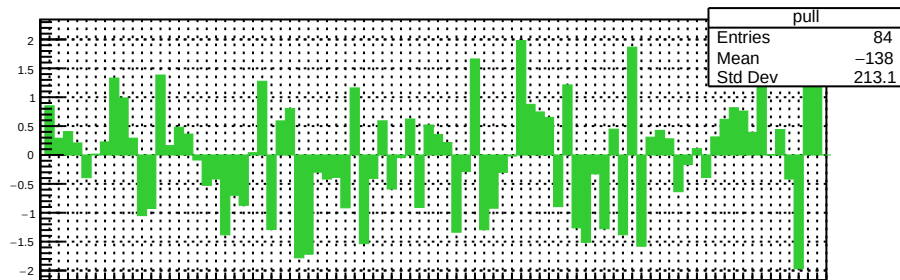
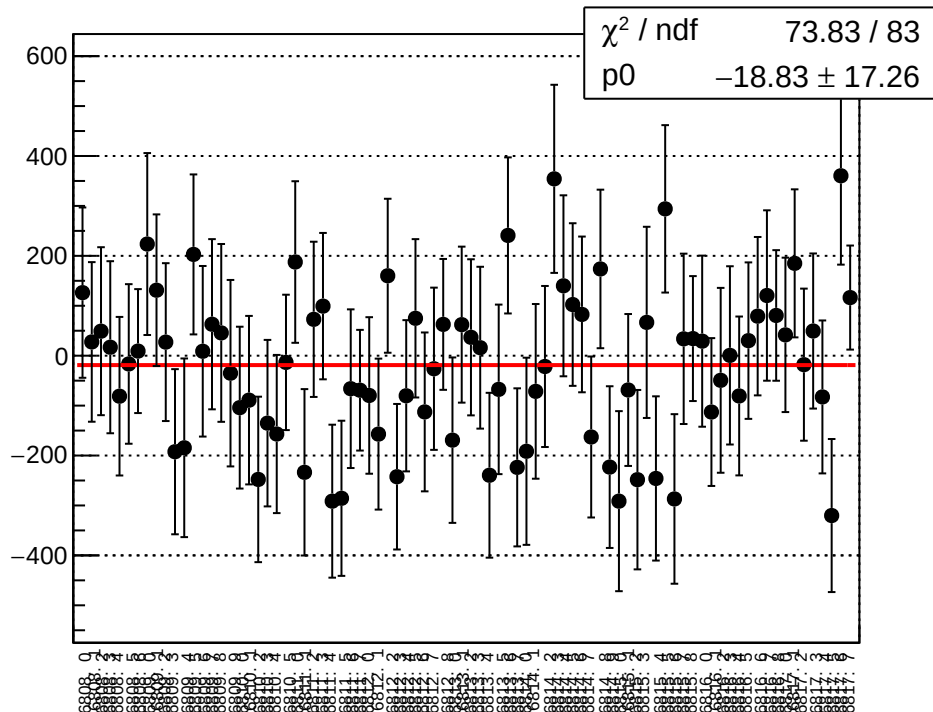
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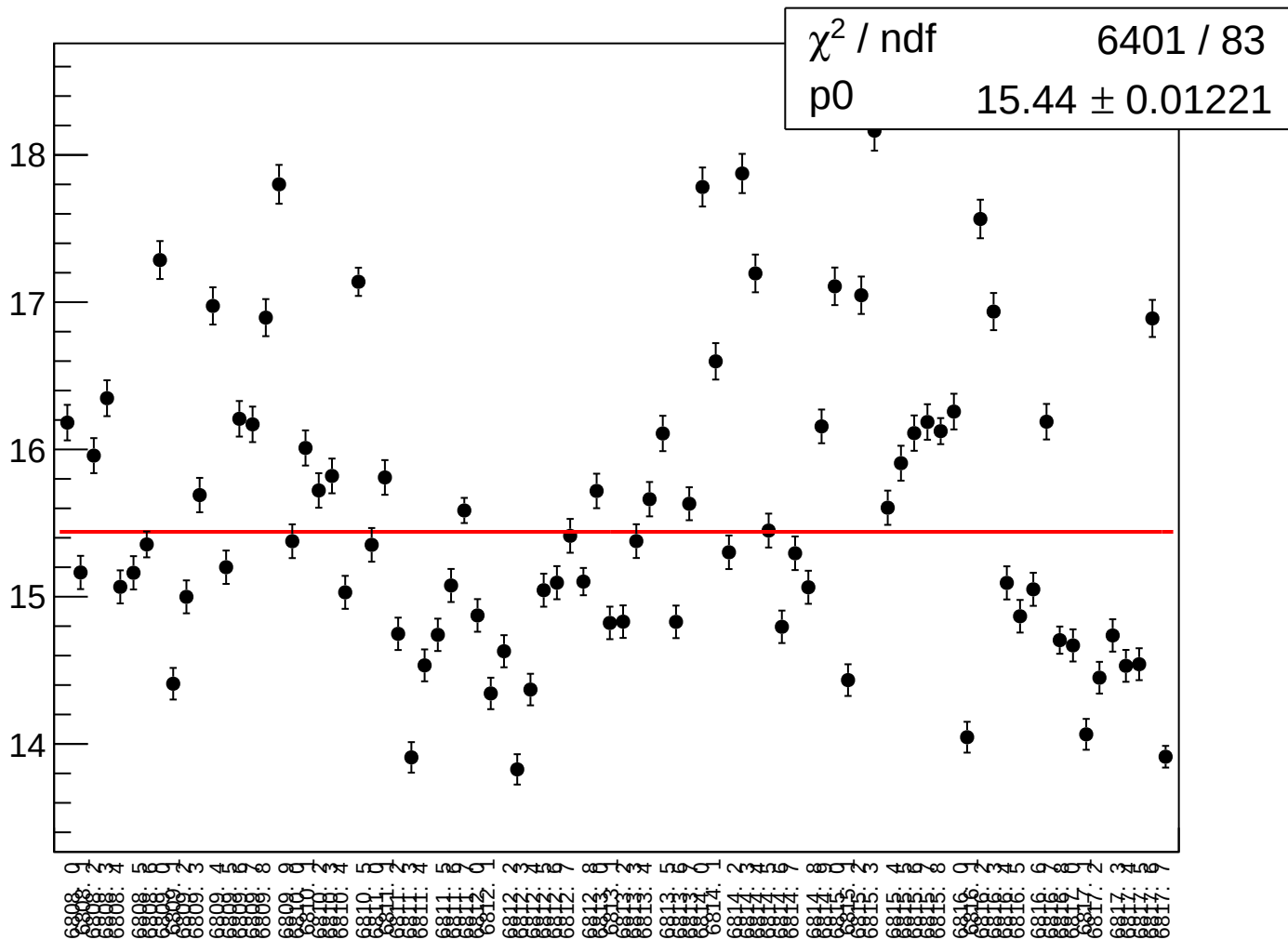
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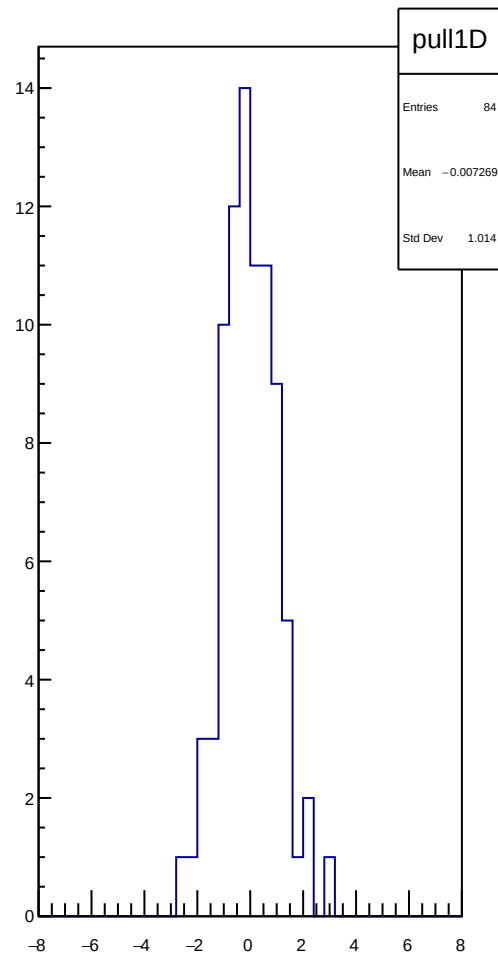
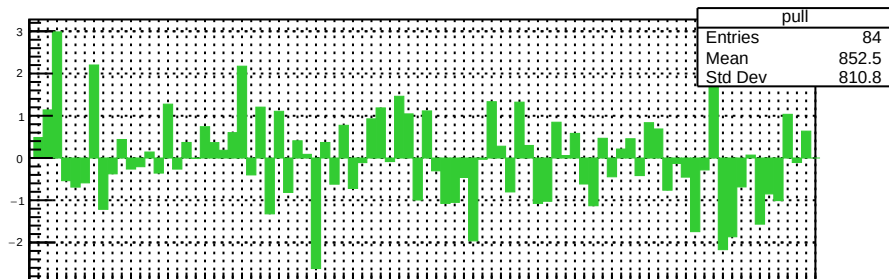
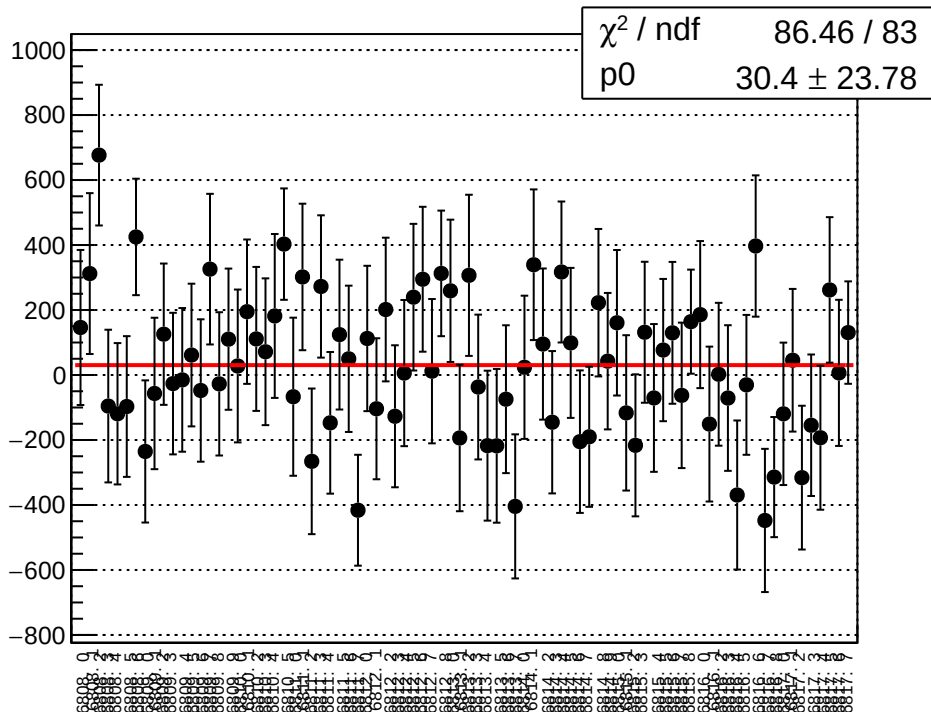
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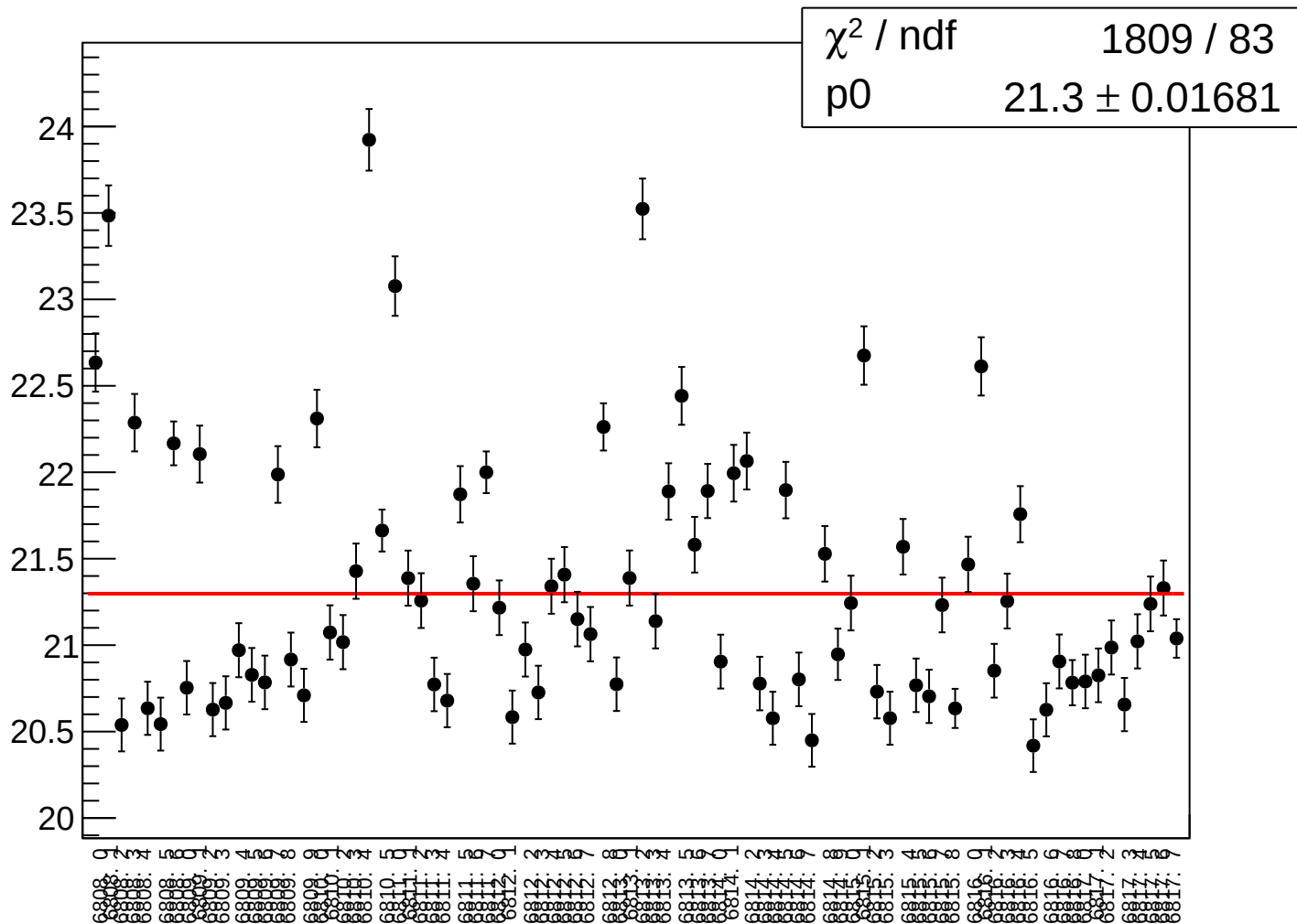
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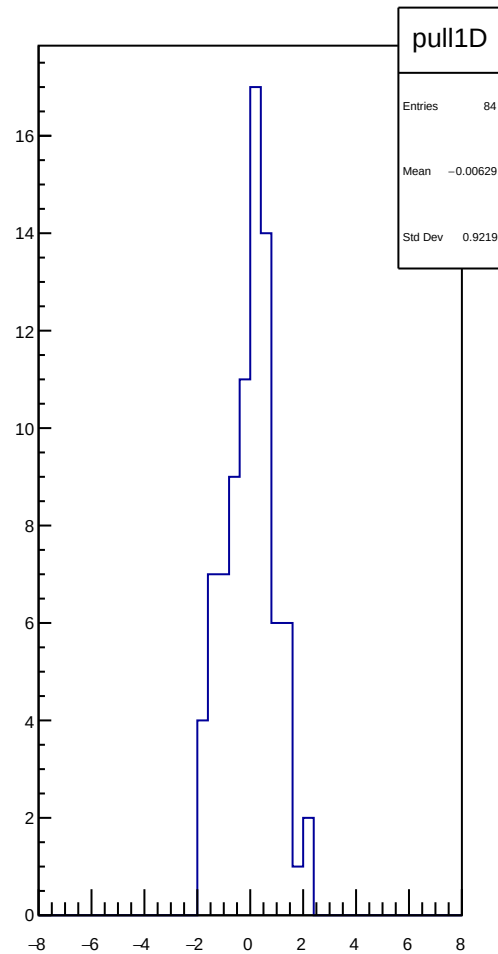
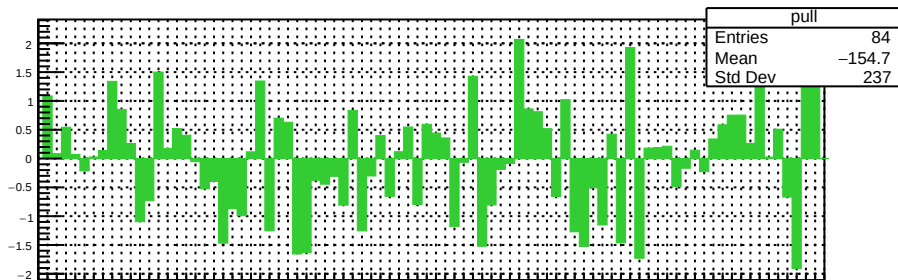
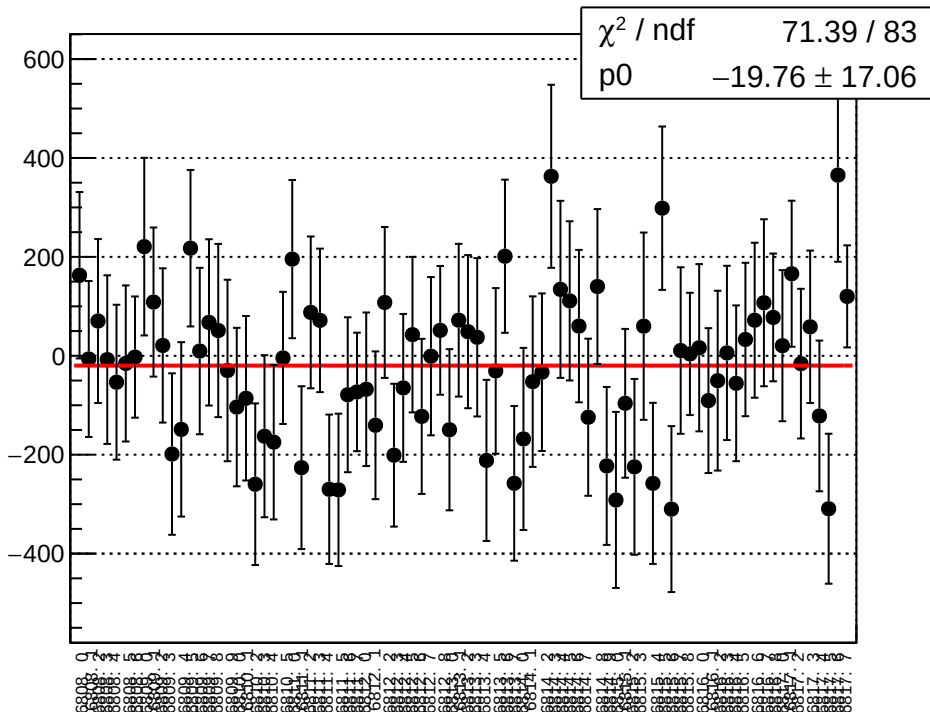
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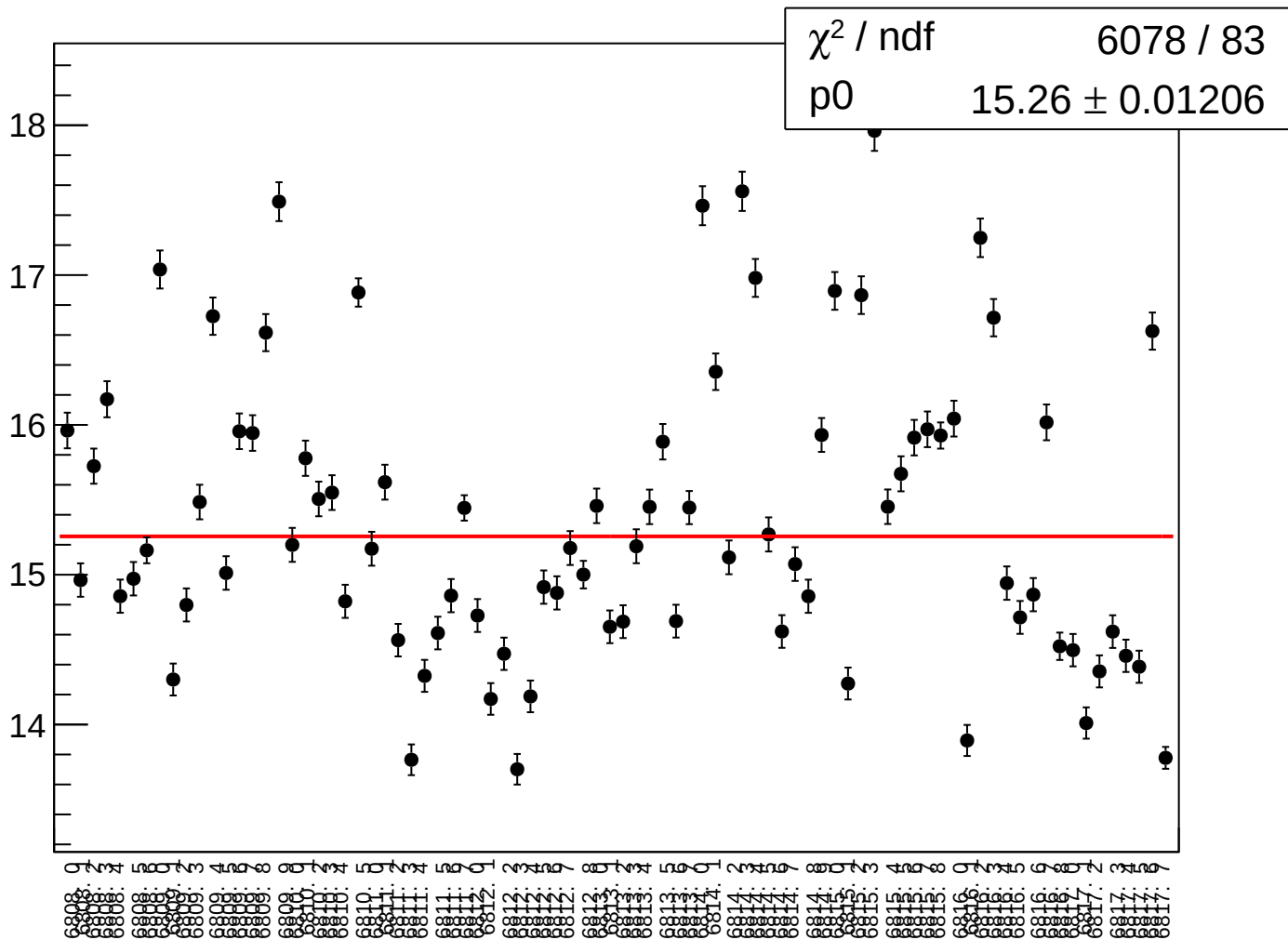
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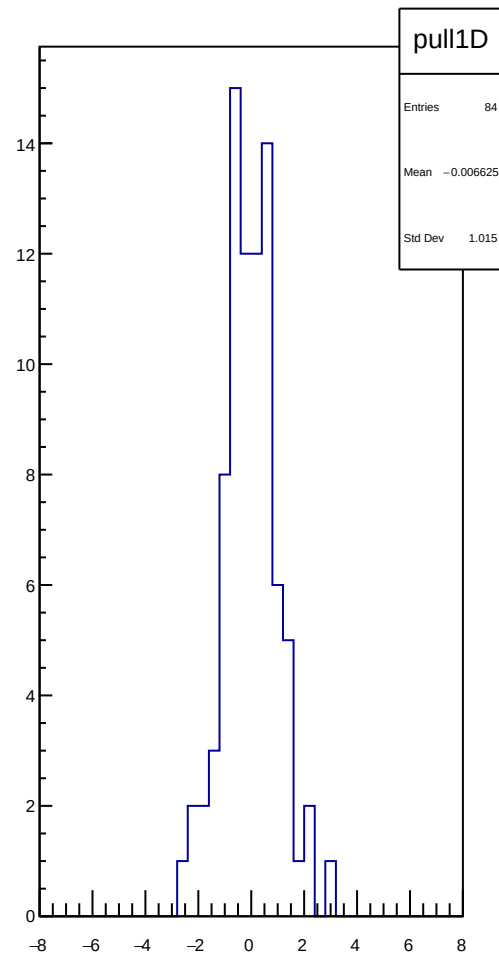
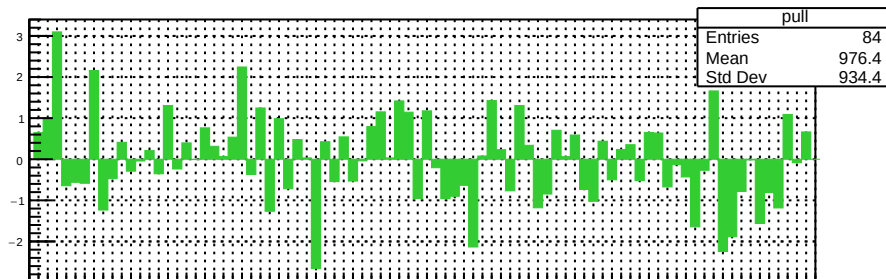
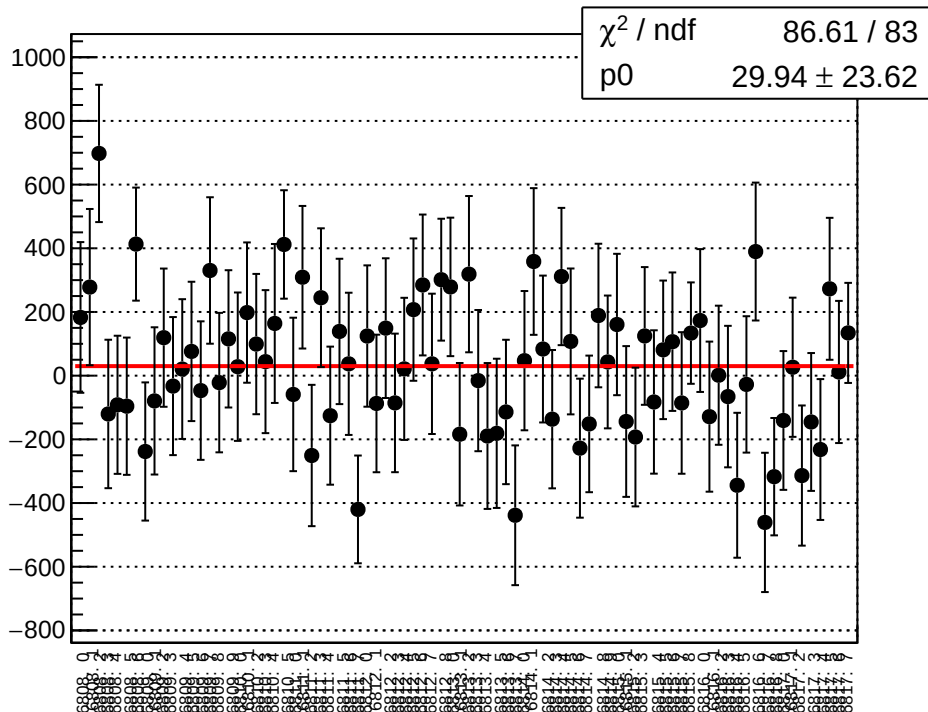
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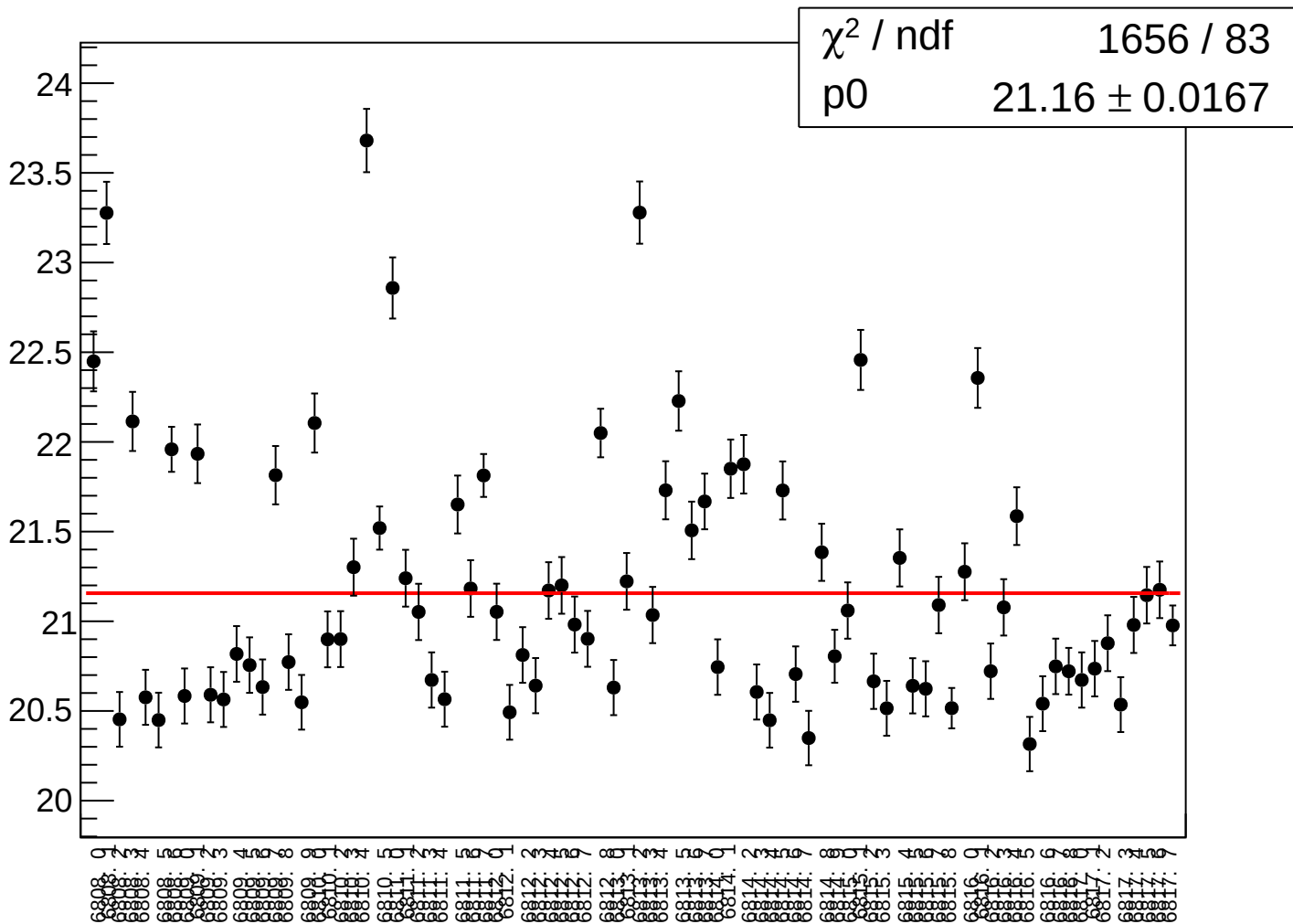
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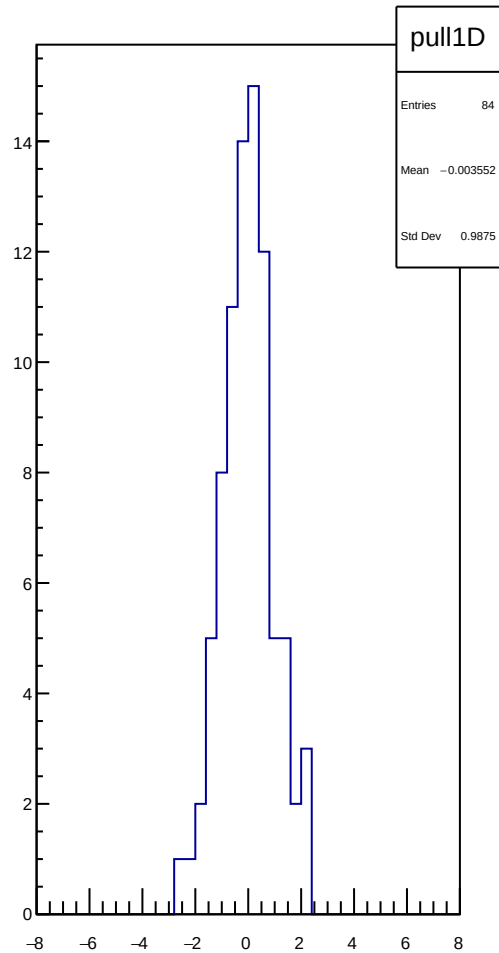
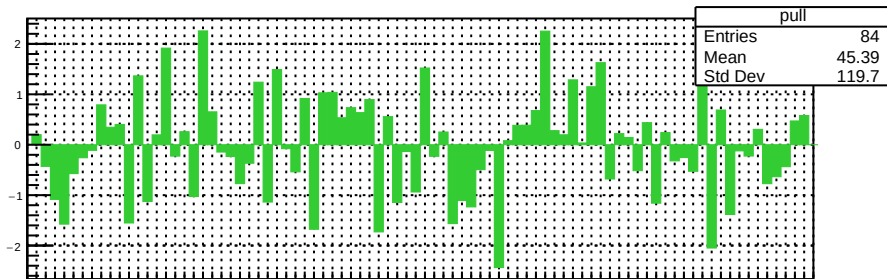
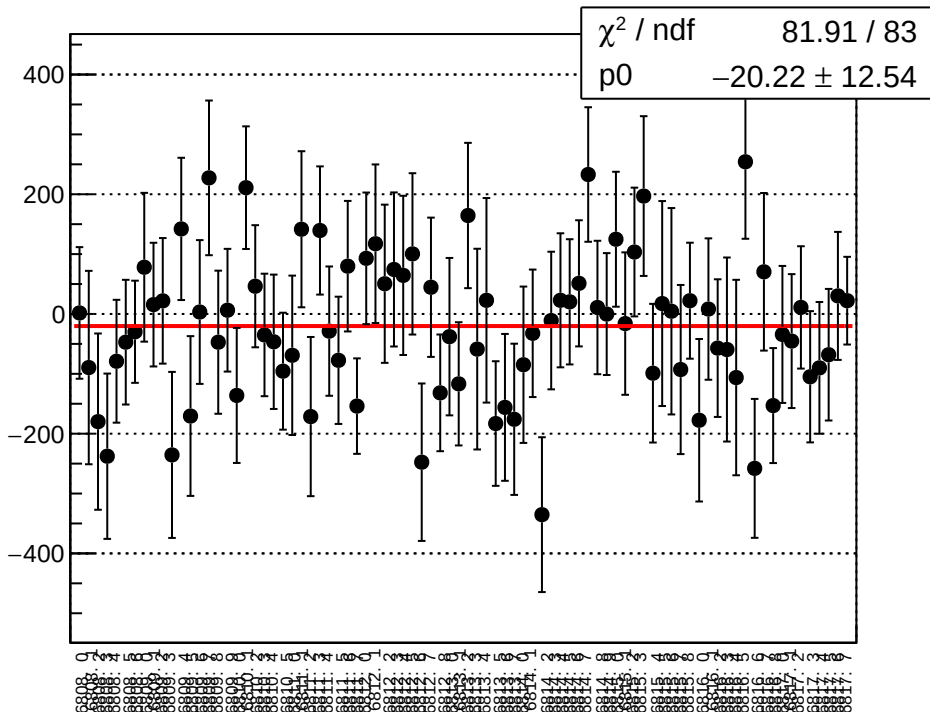
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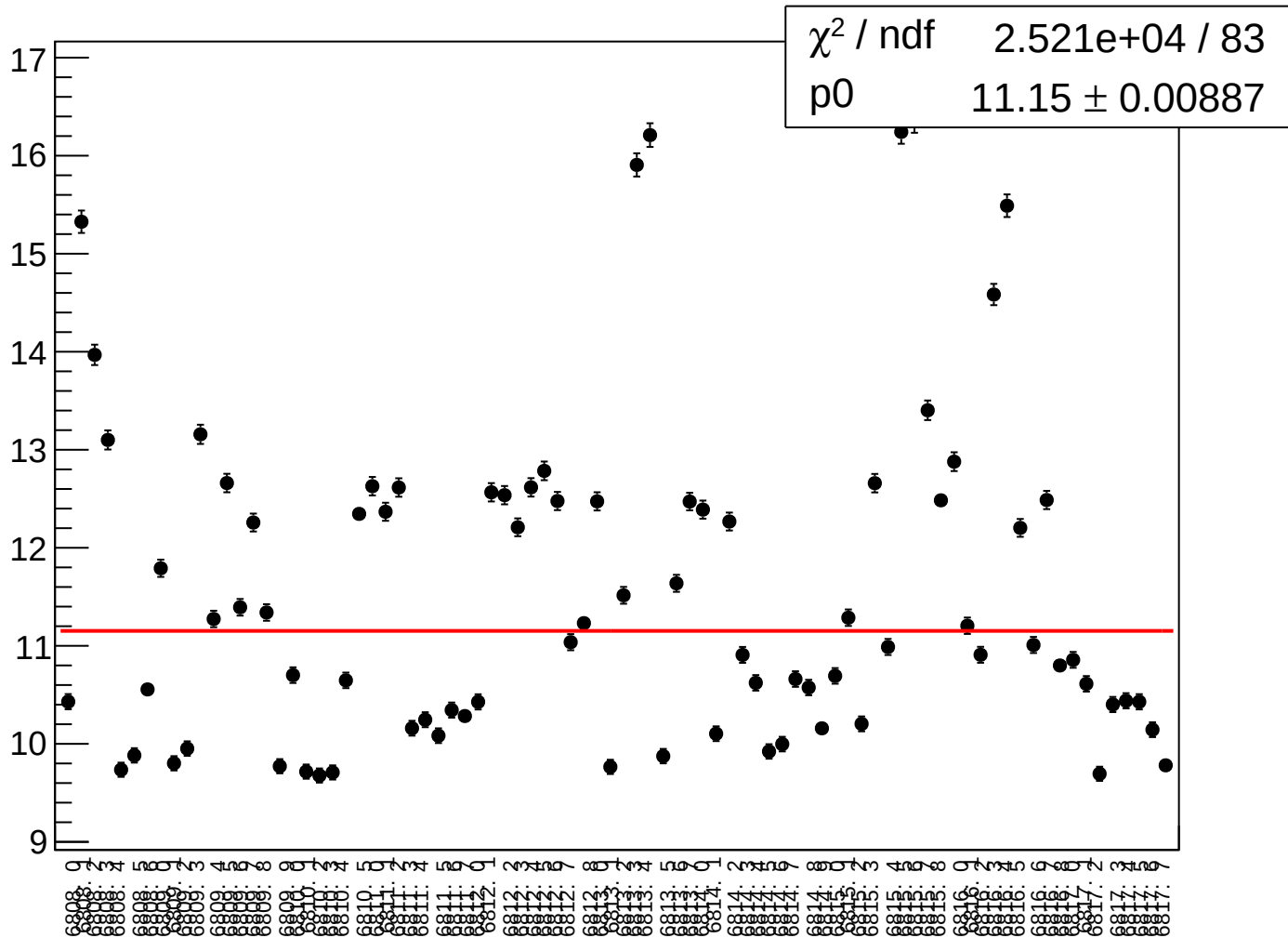
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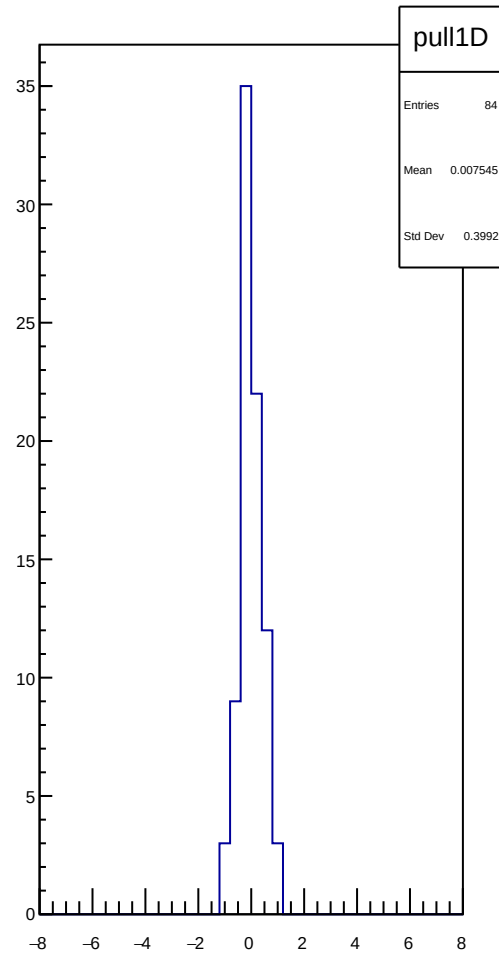
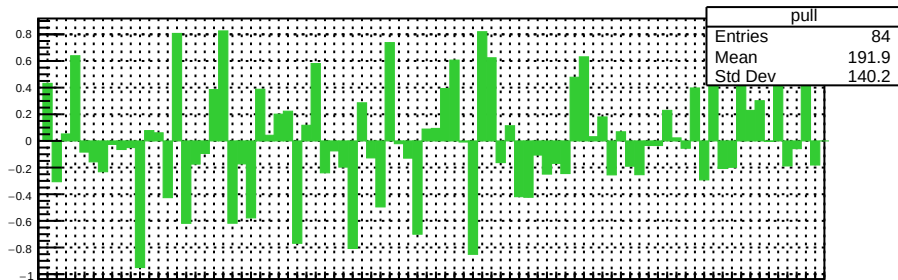
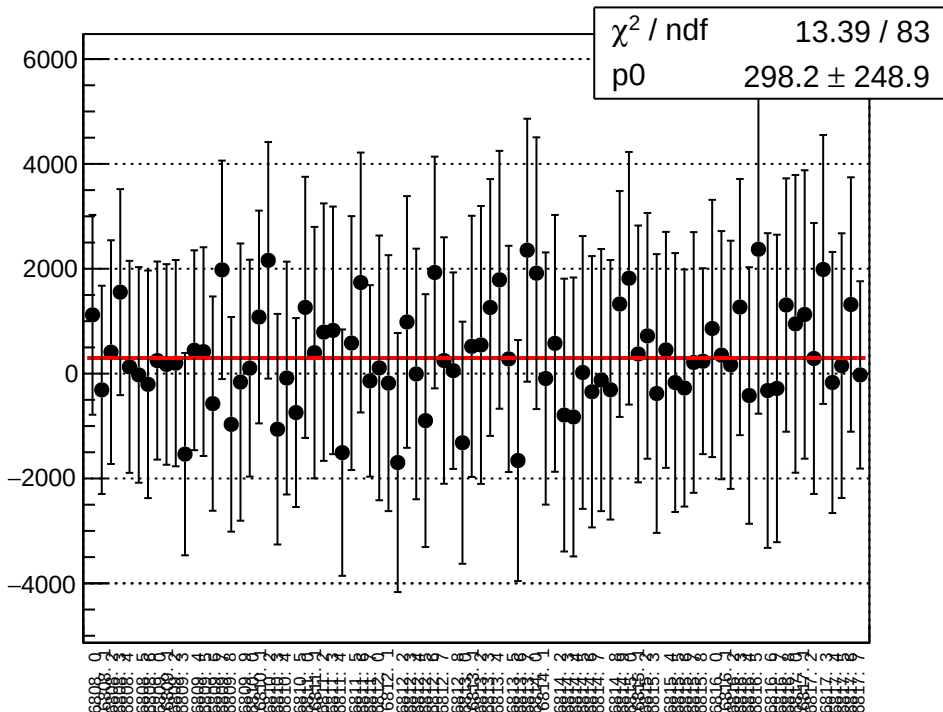
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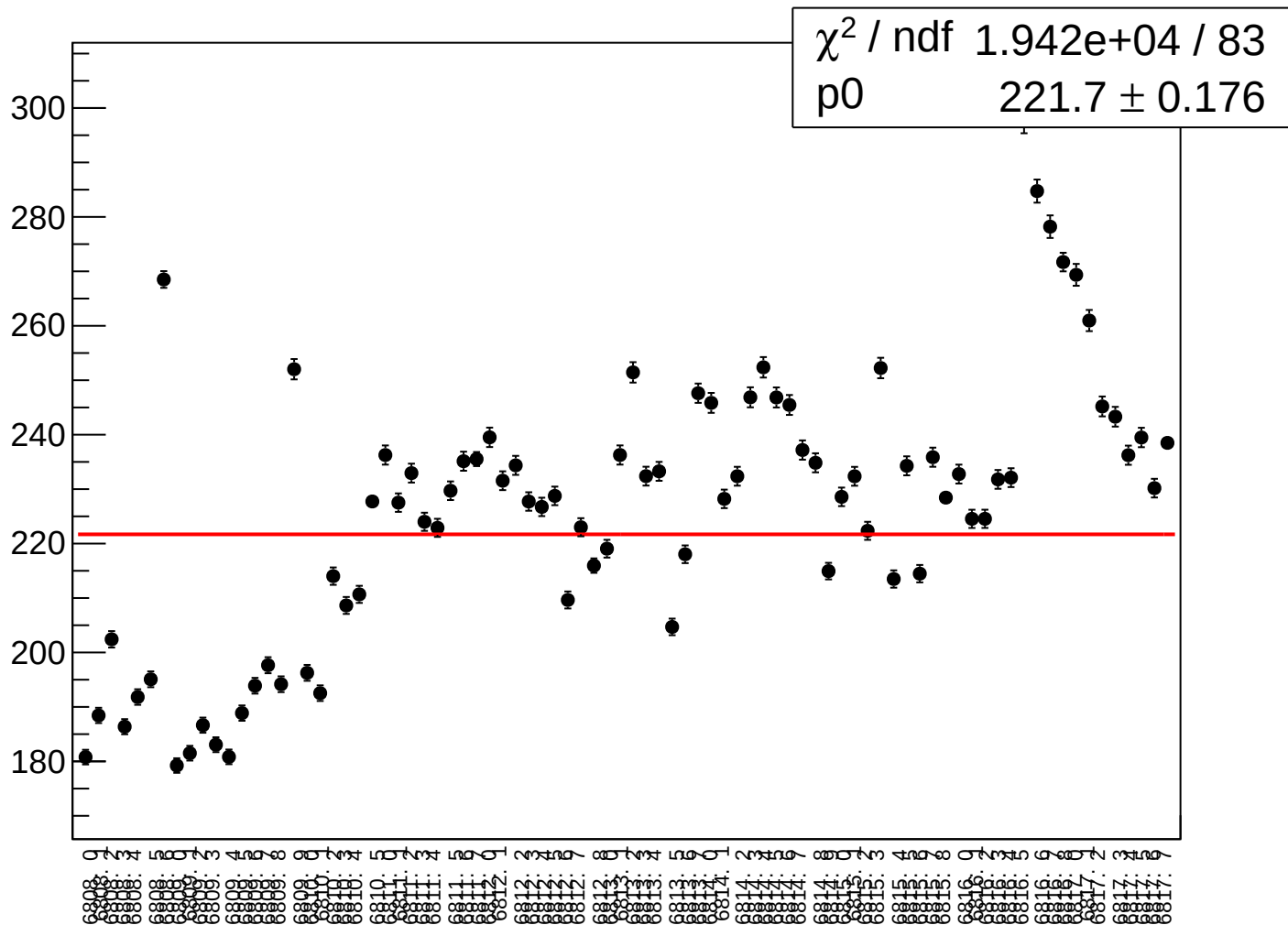
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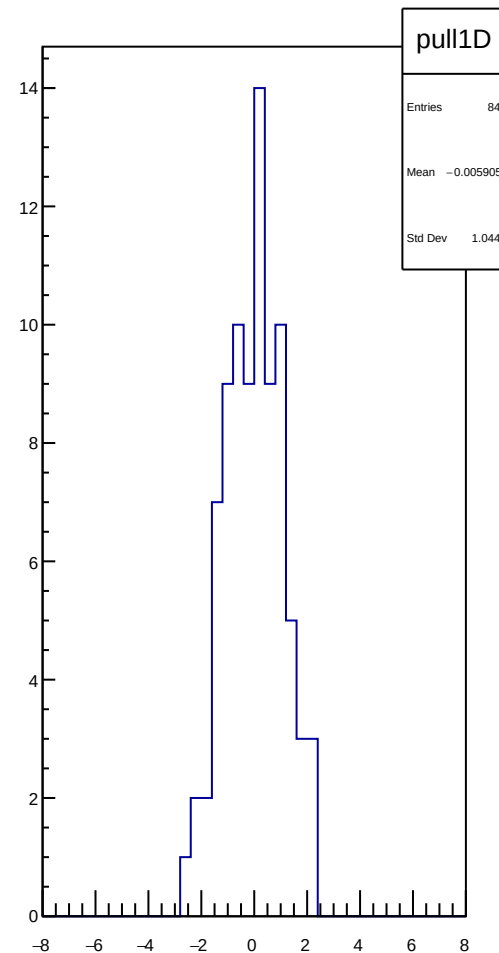
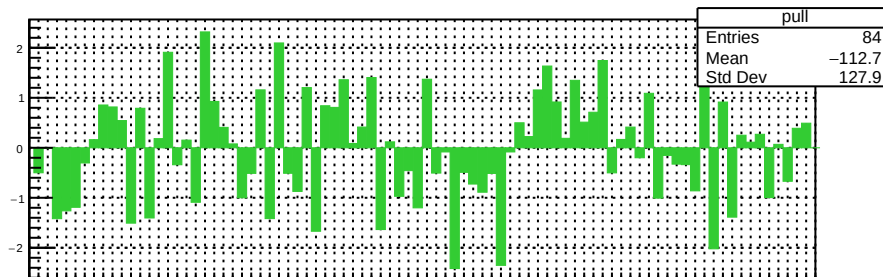
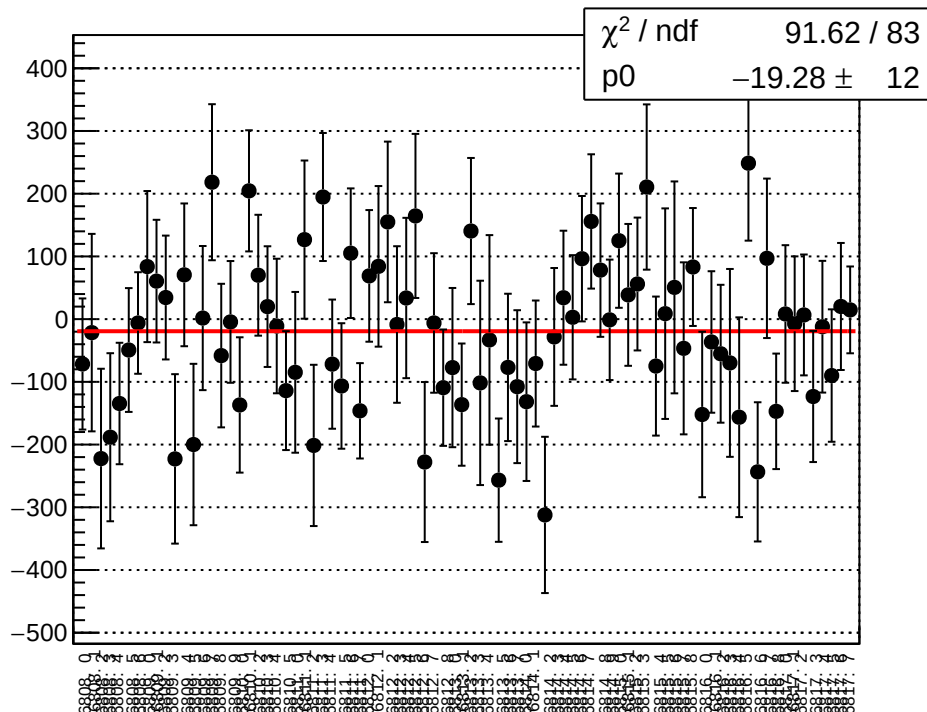
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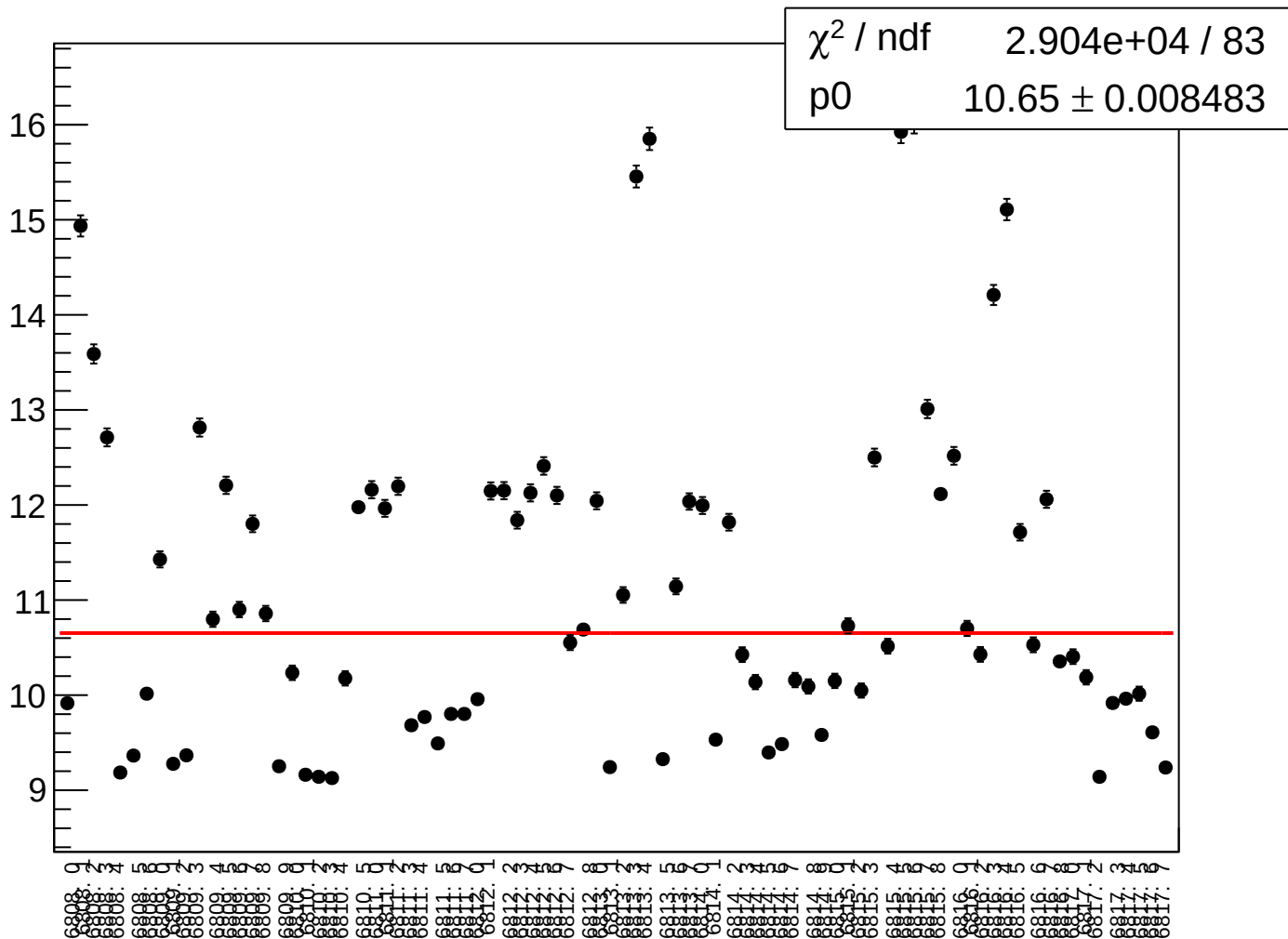
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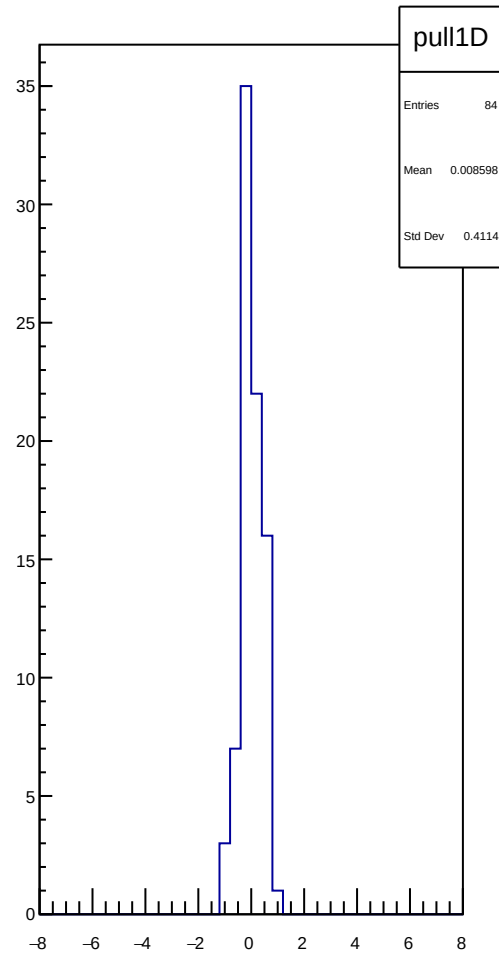
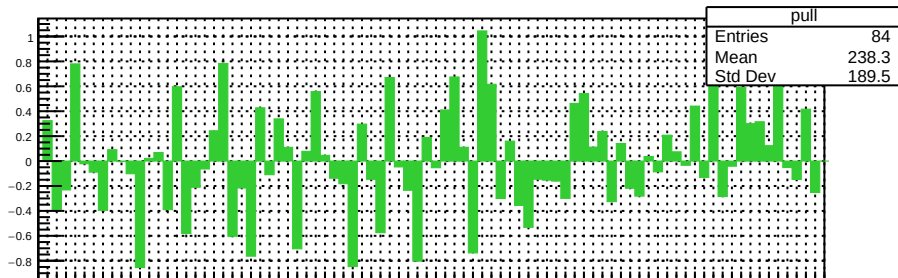
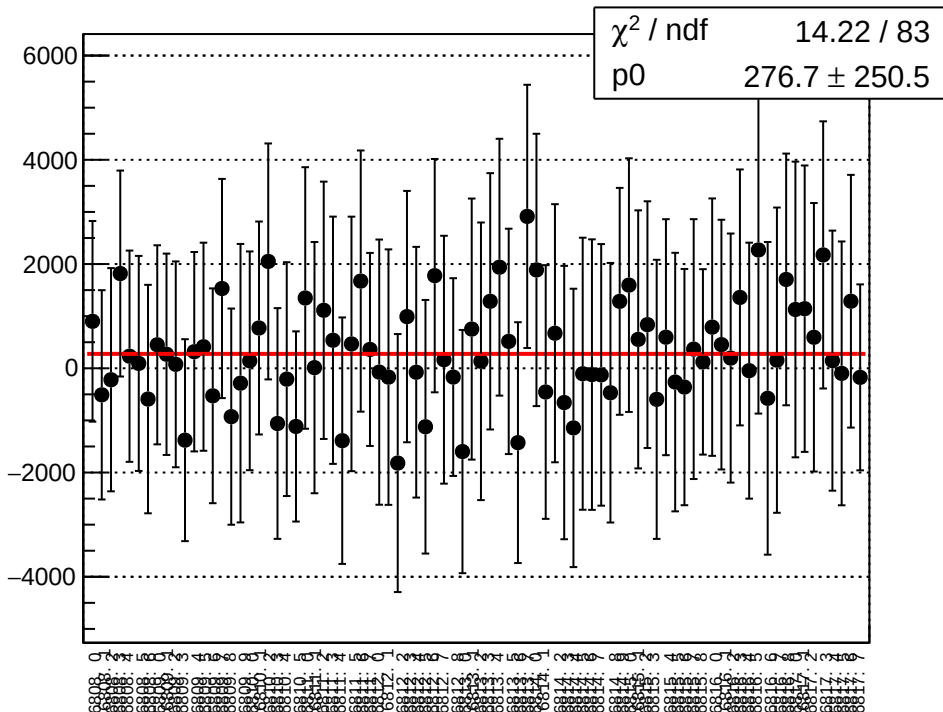
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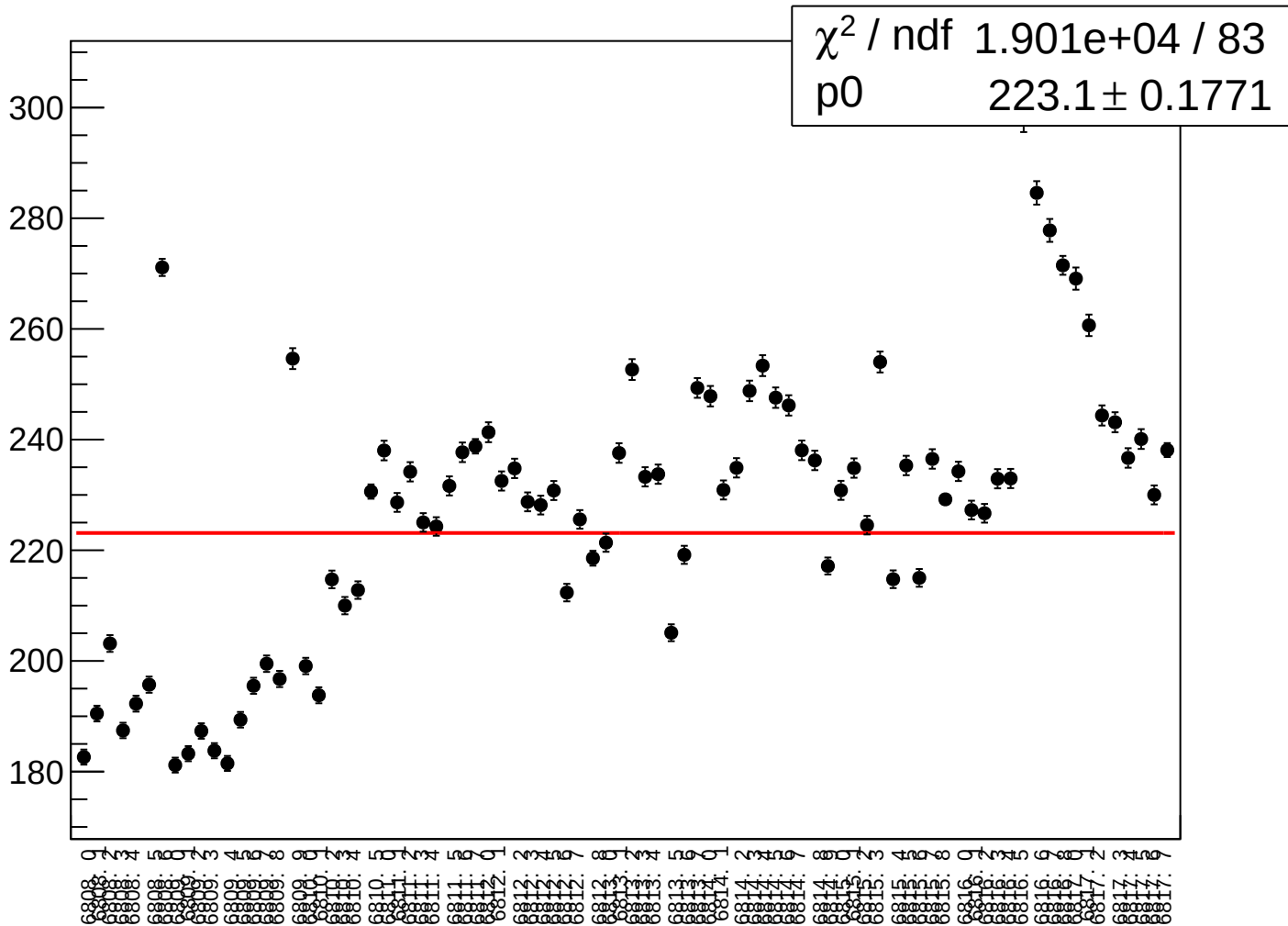
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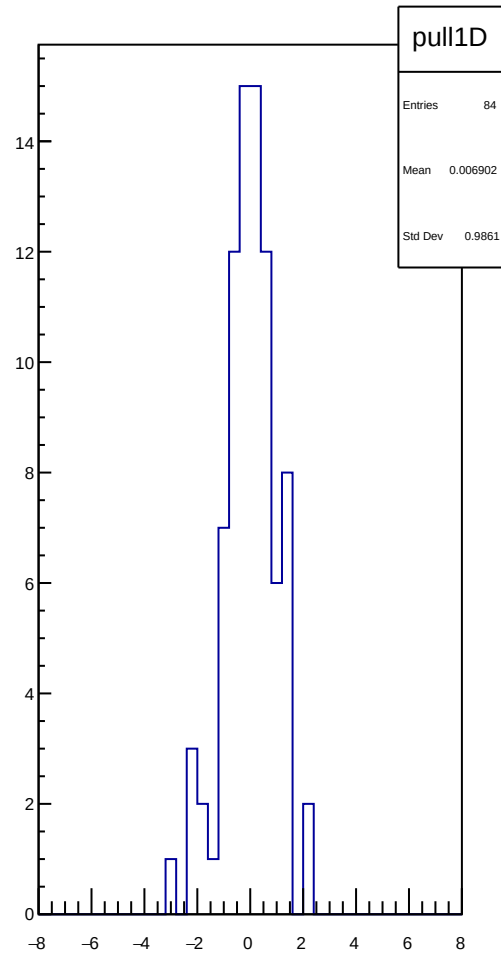
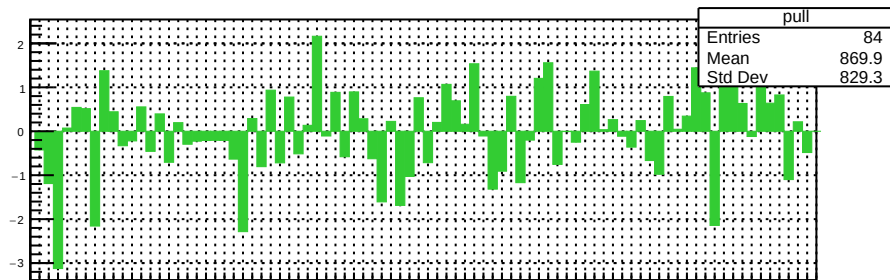
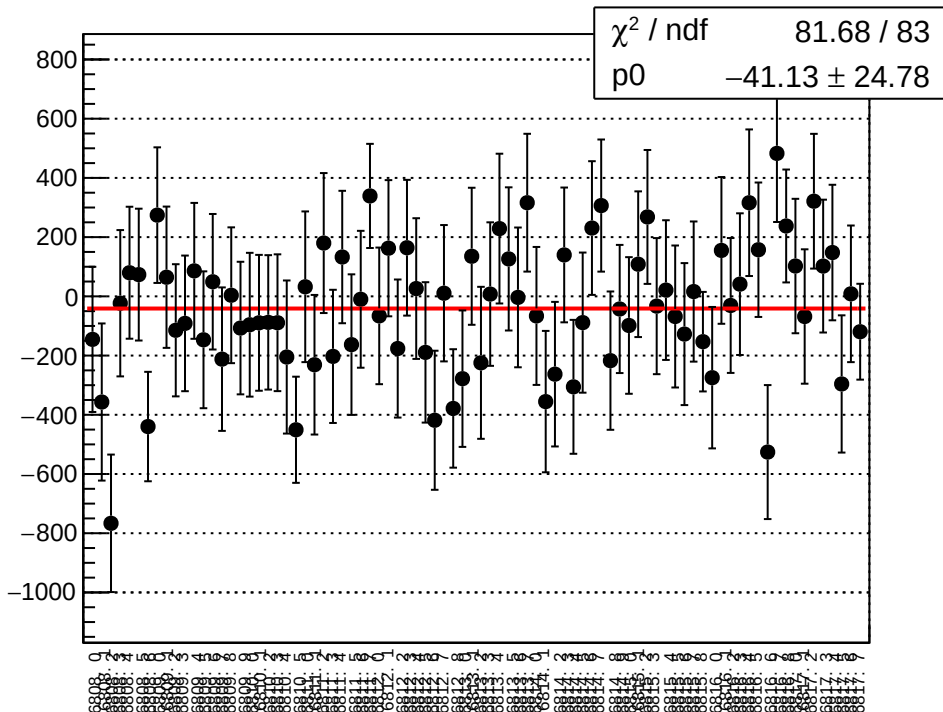
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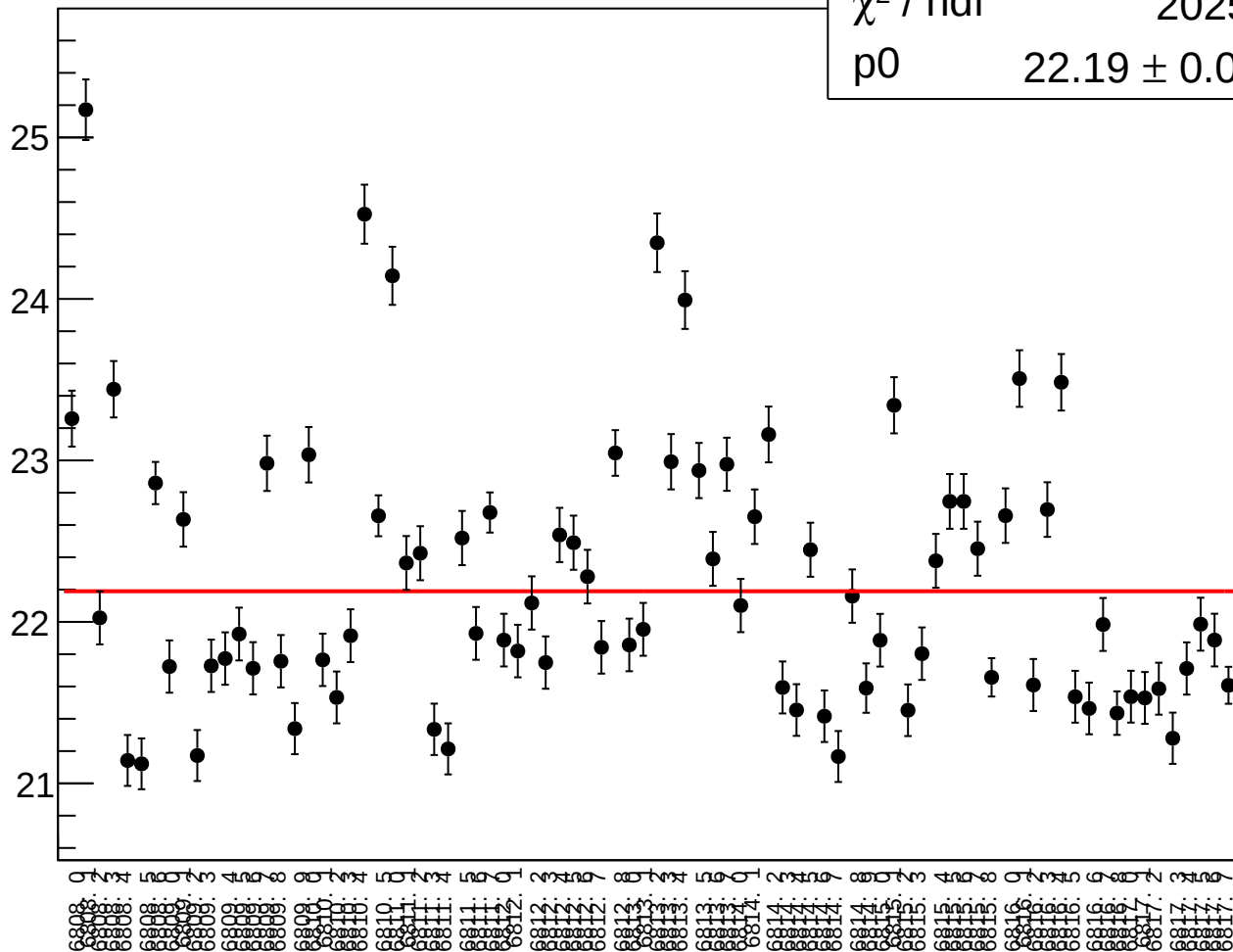
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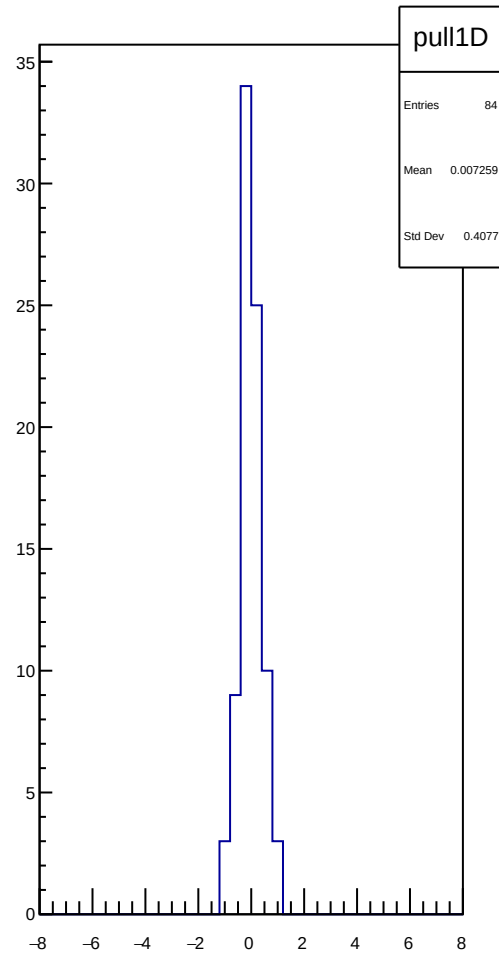
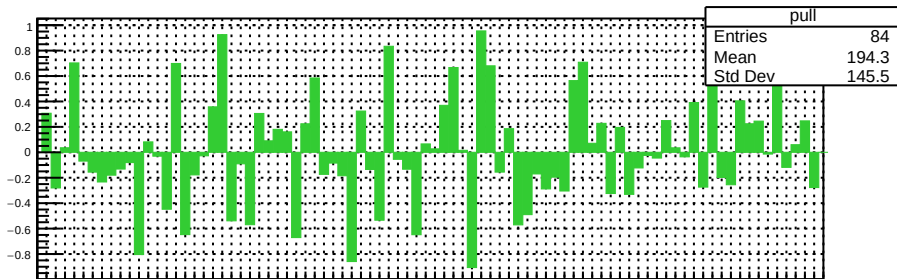
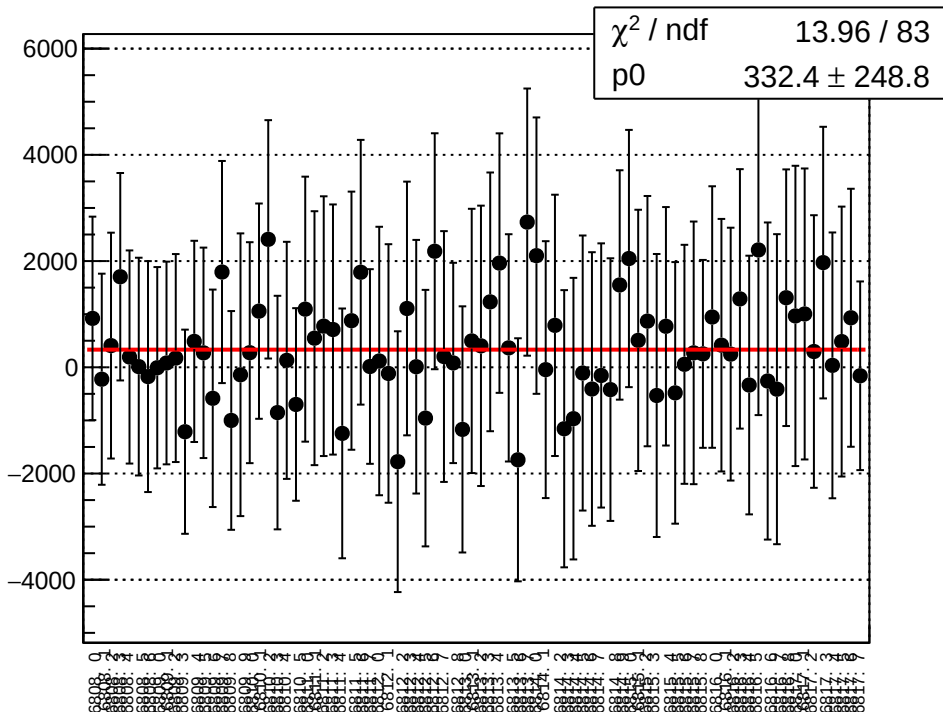
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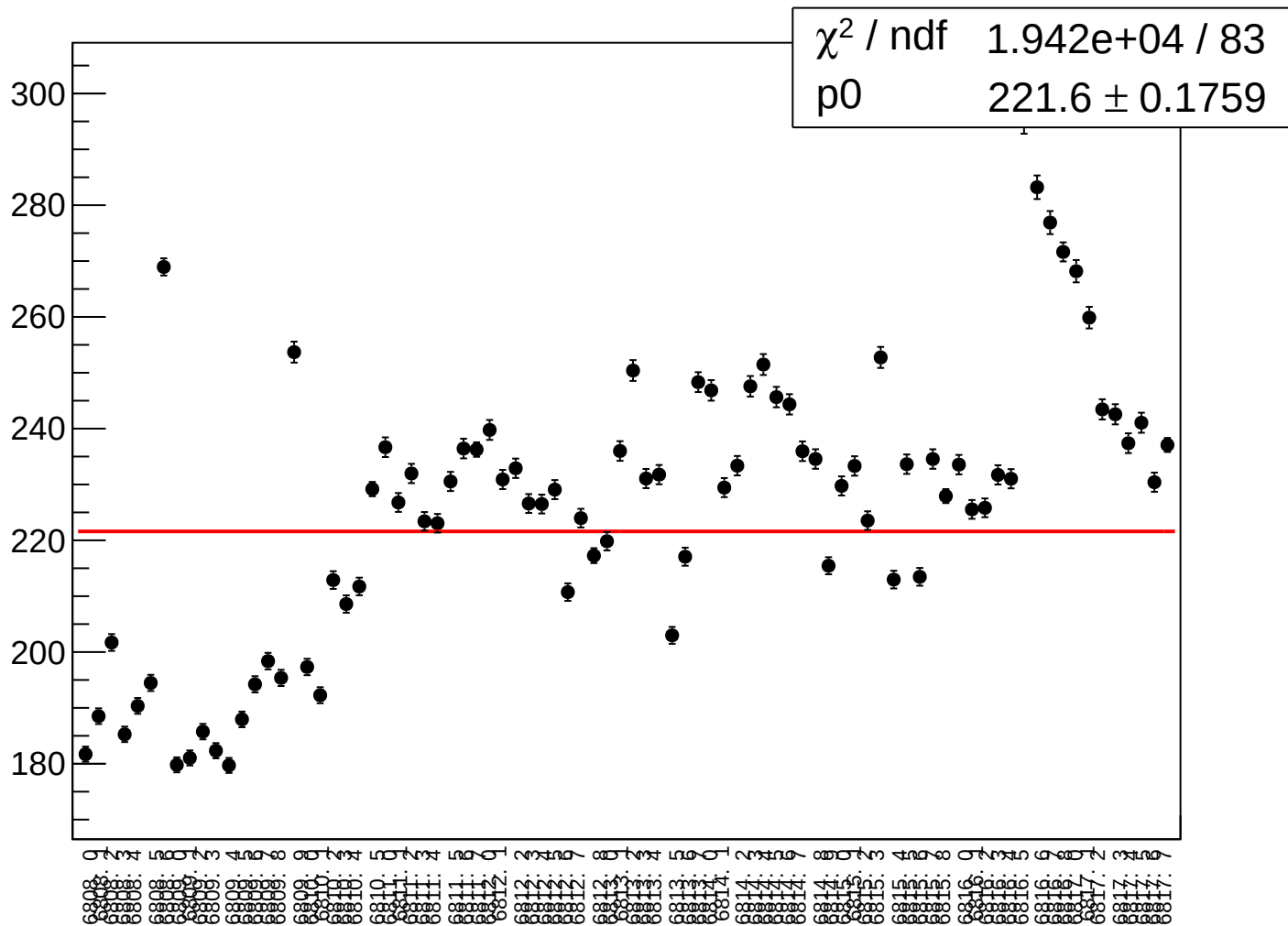
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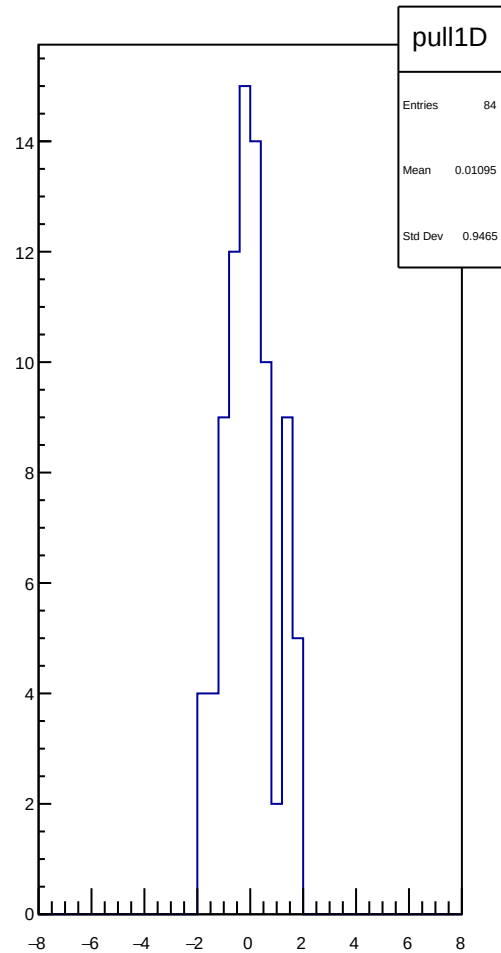
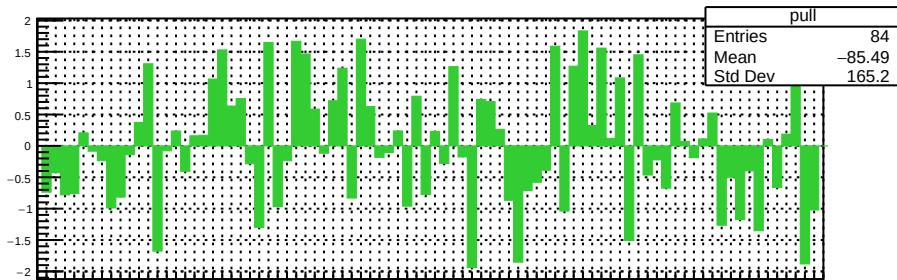
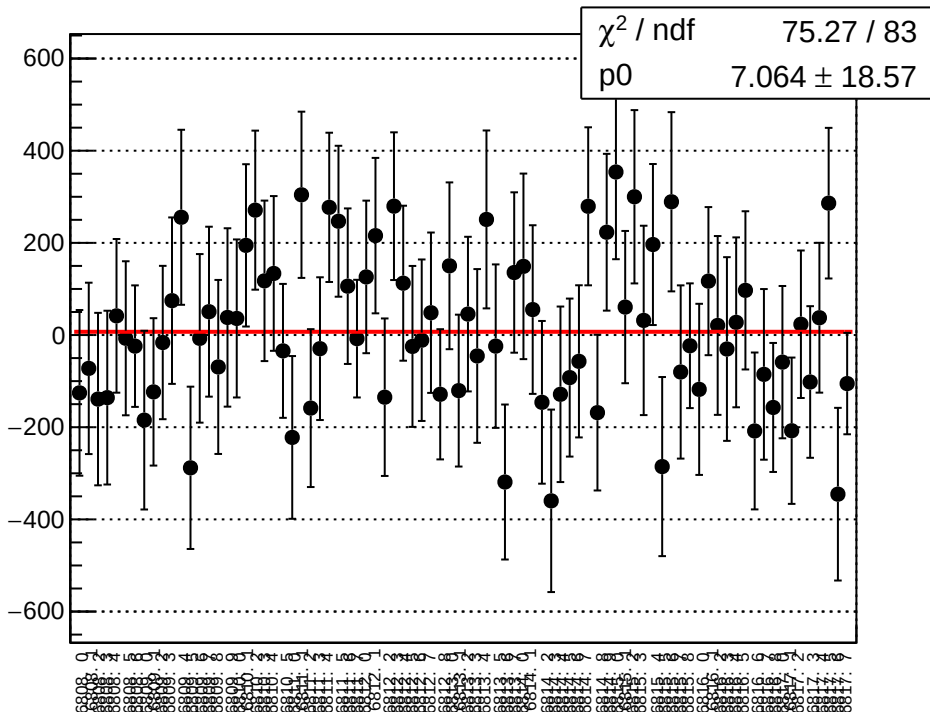
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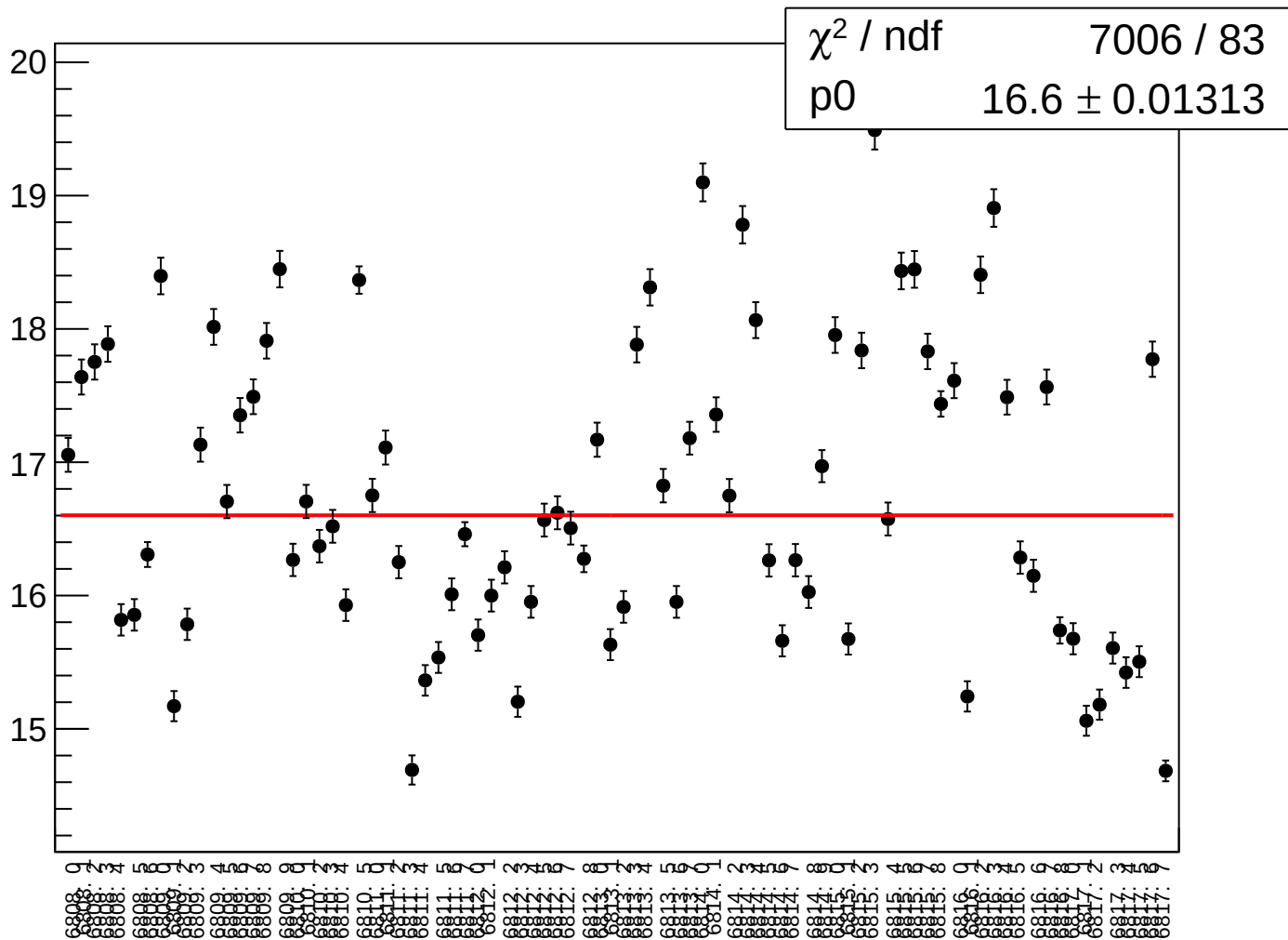
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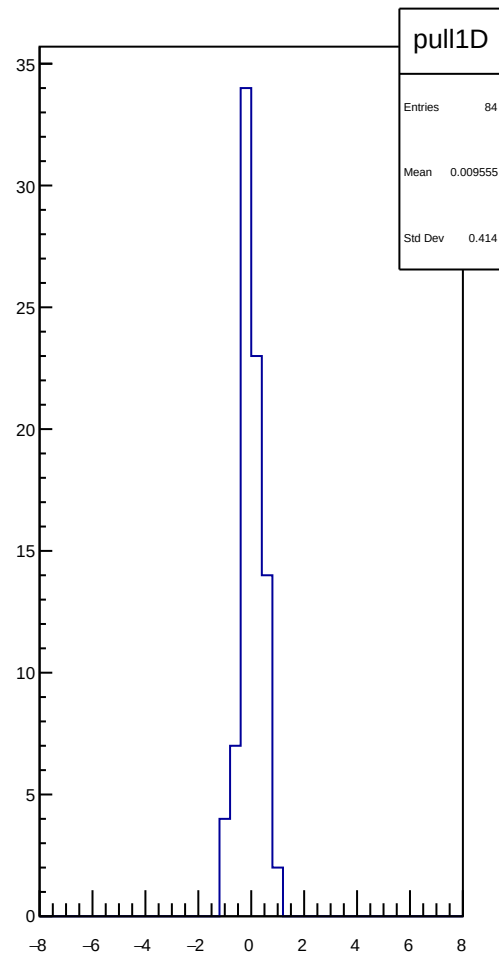
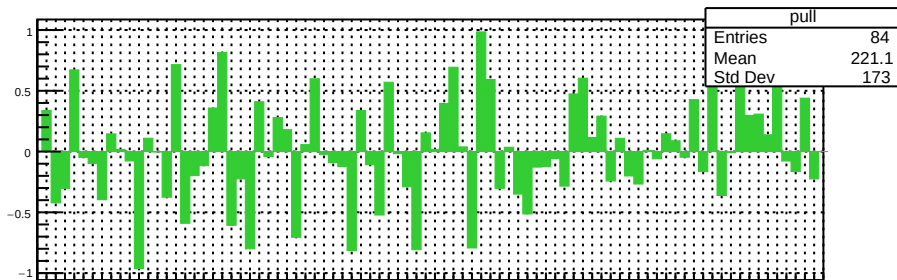
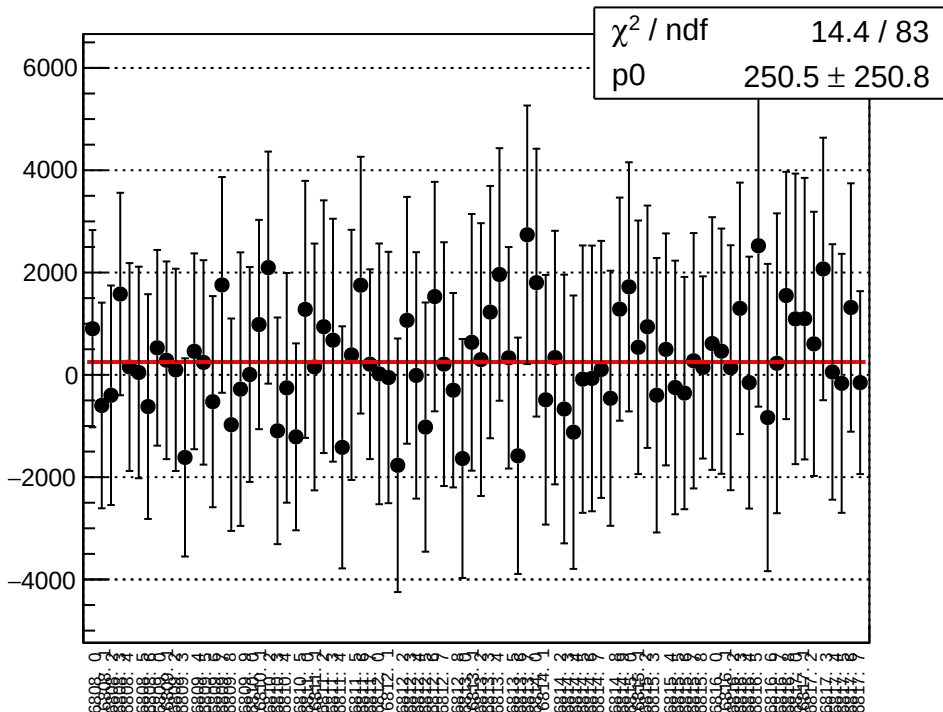
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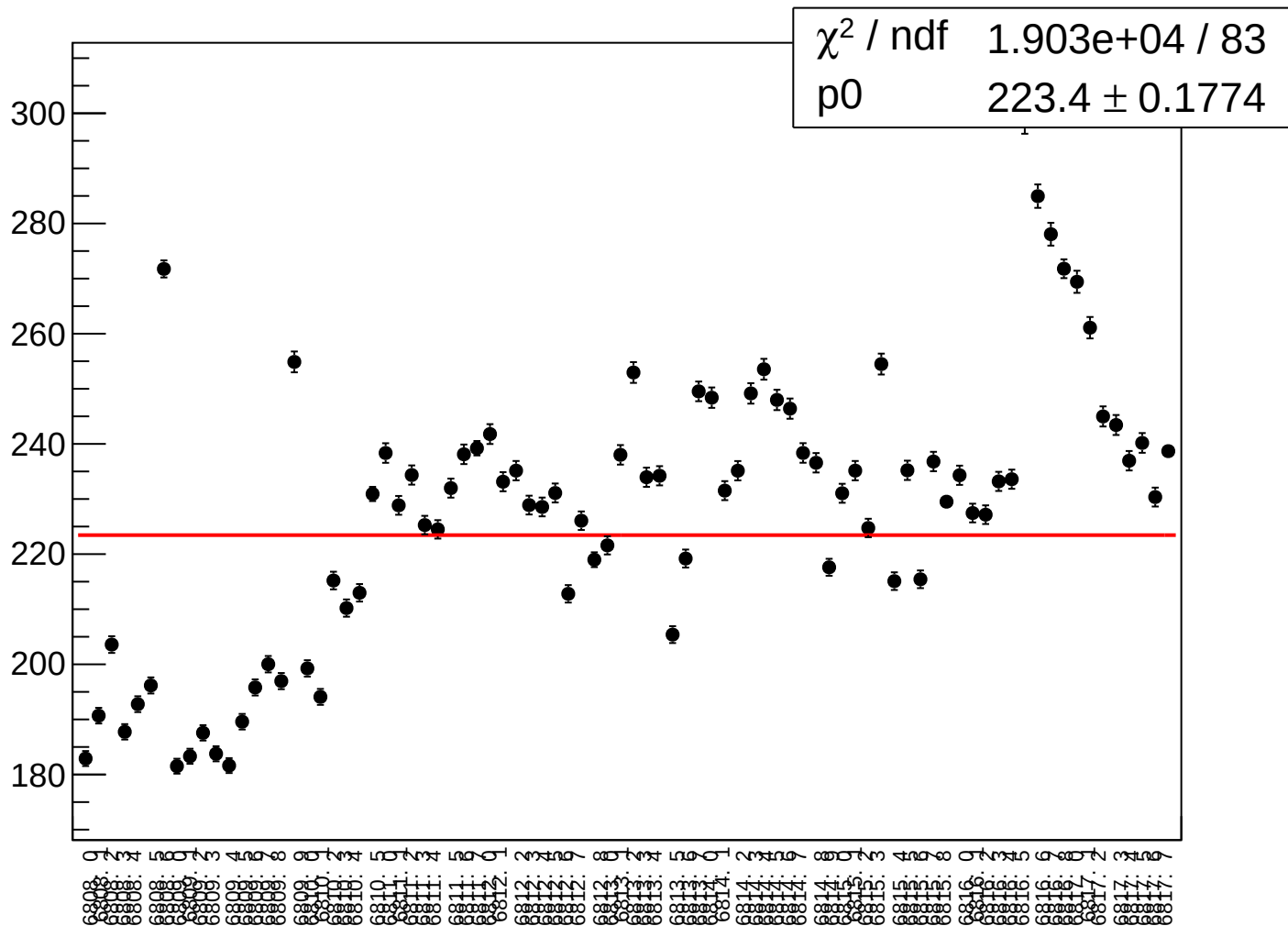
asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs run



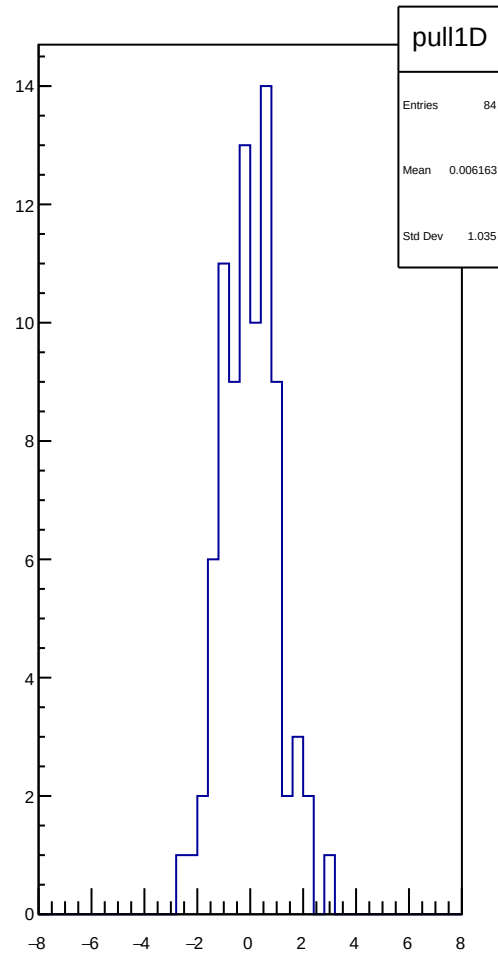
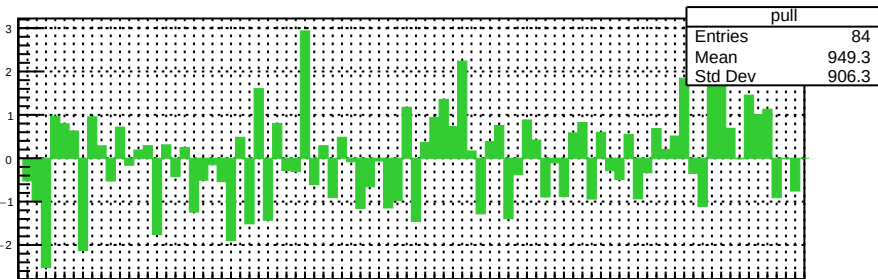
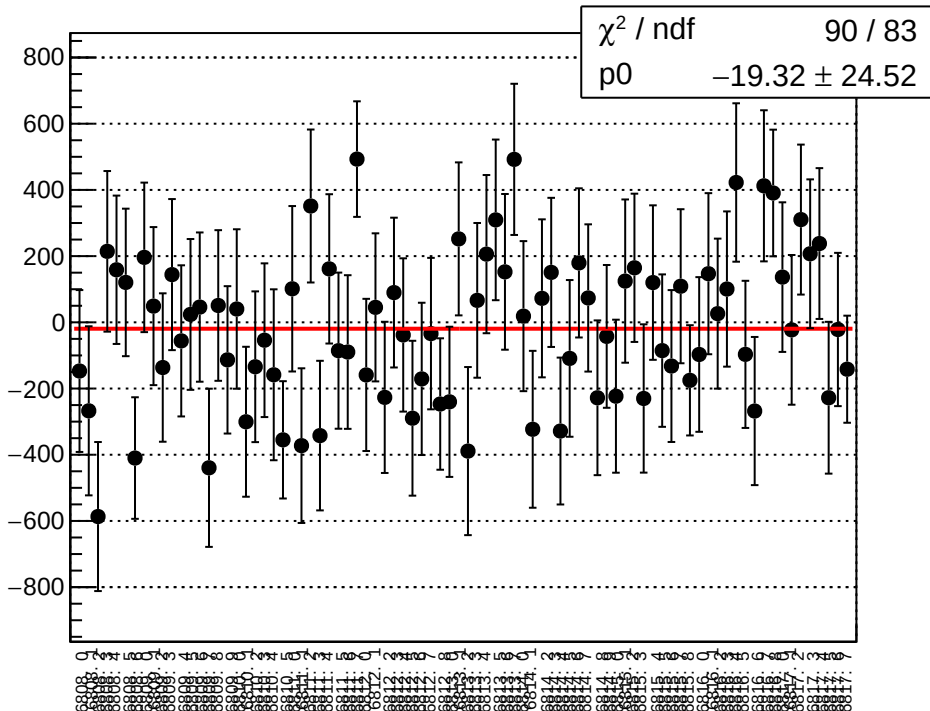
asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs run



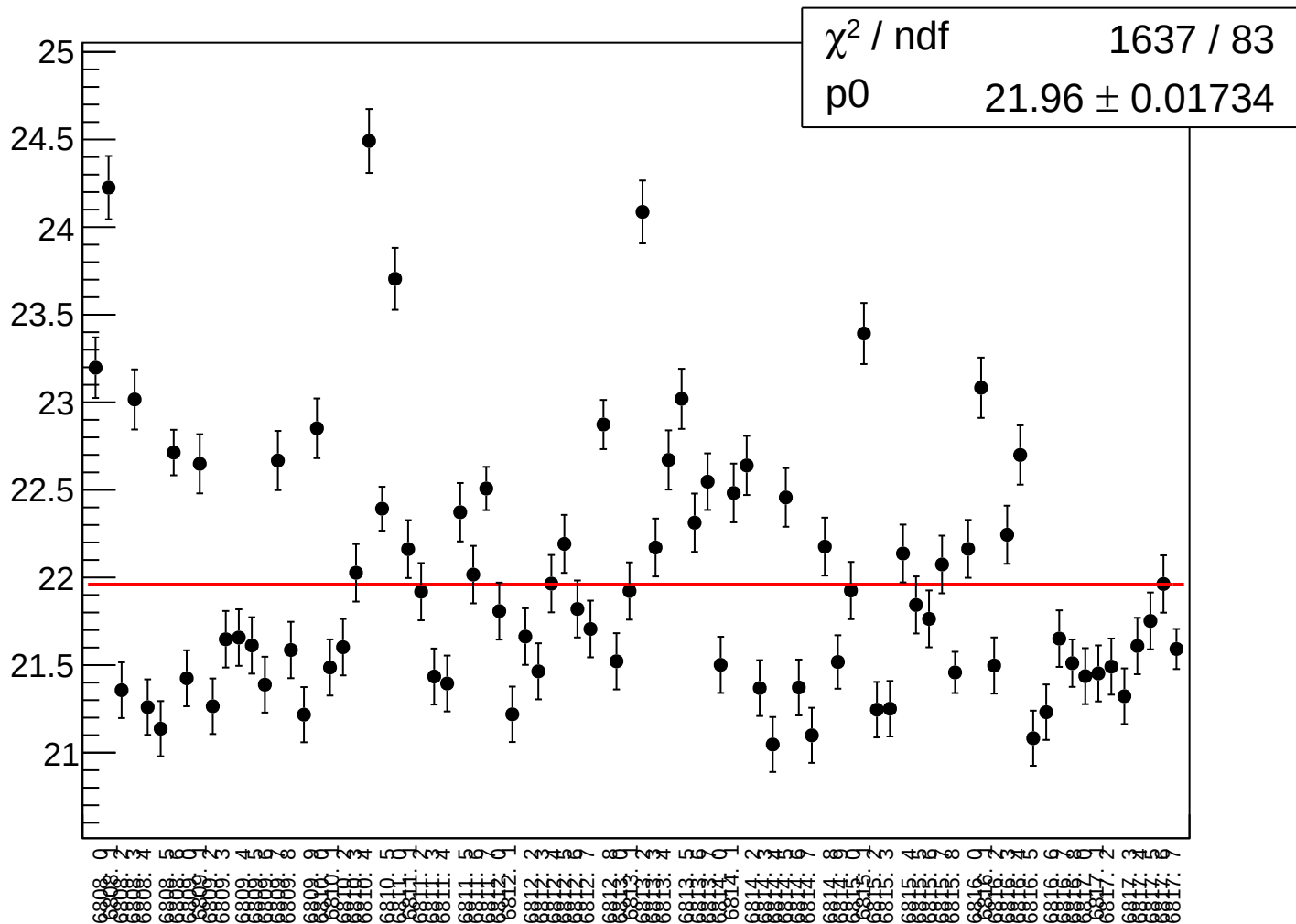
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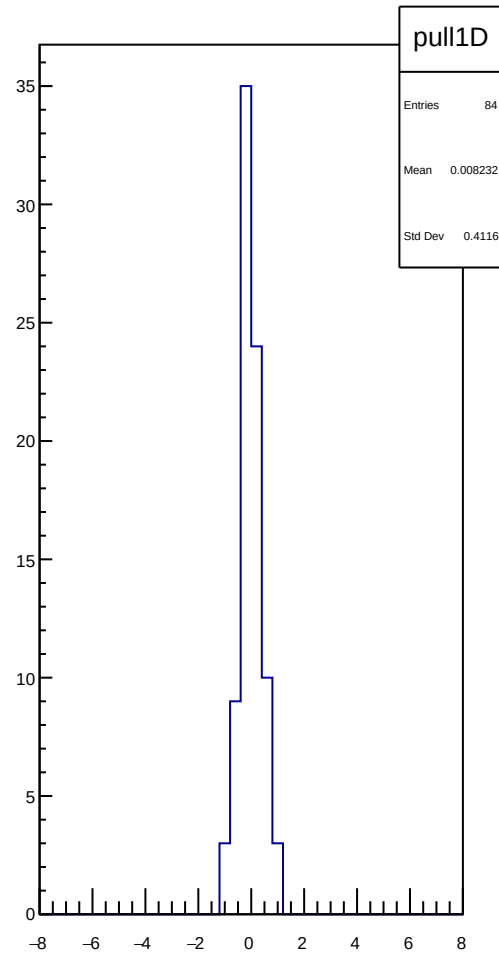
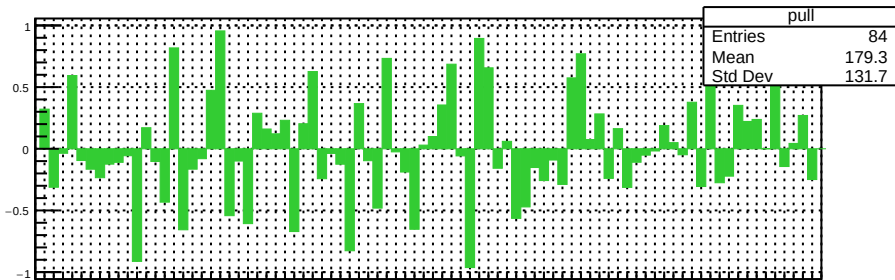
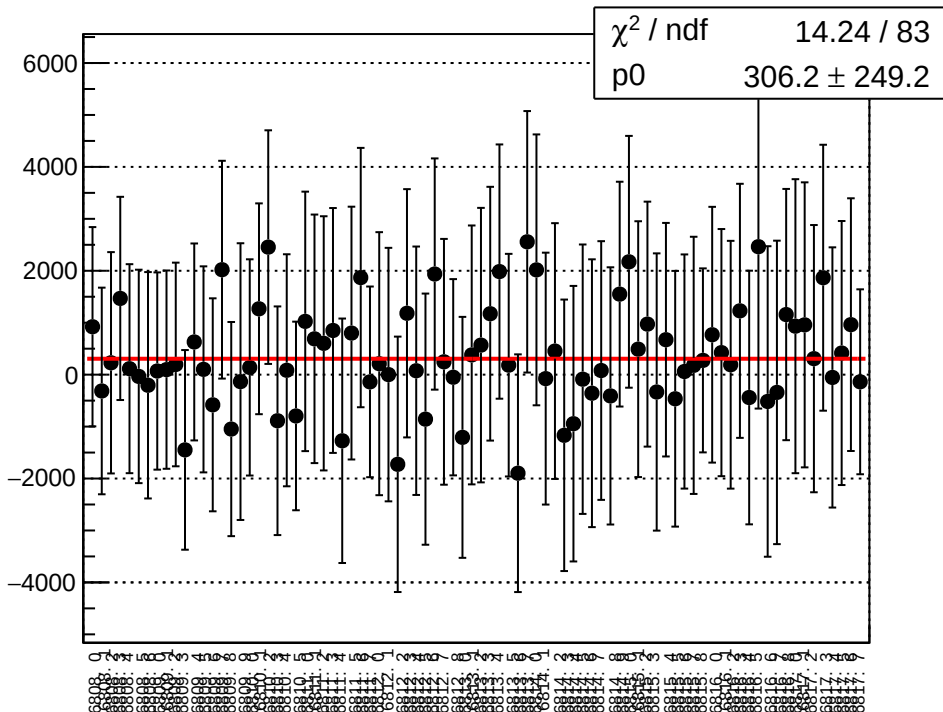
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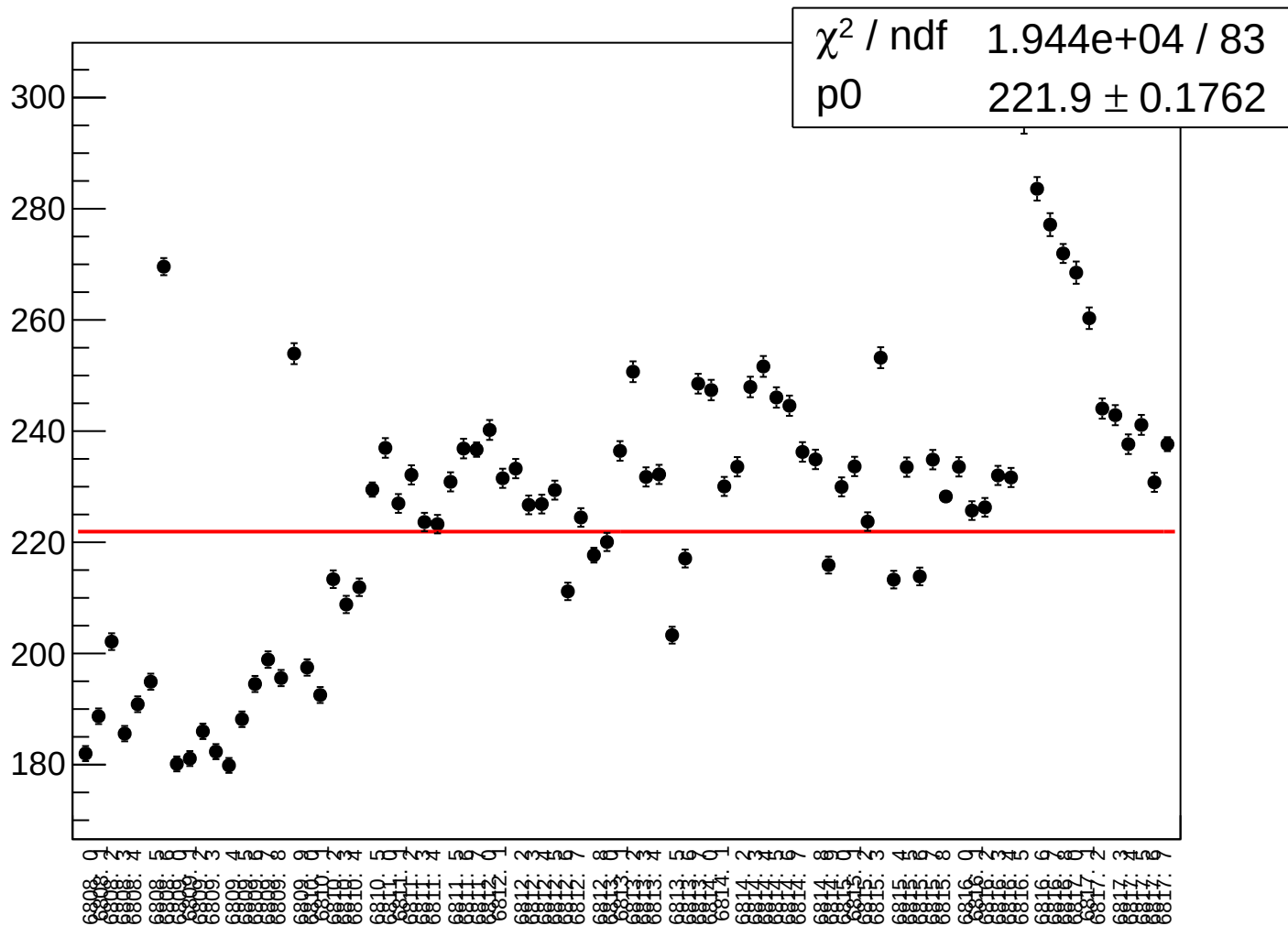
asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs run



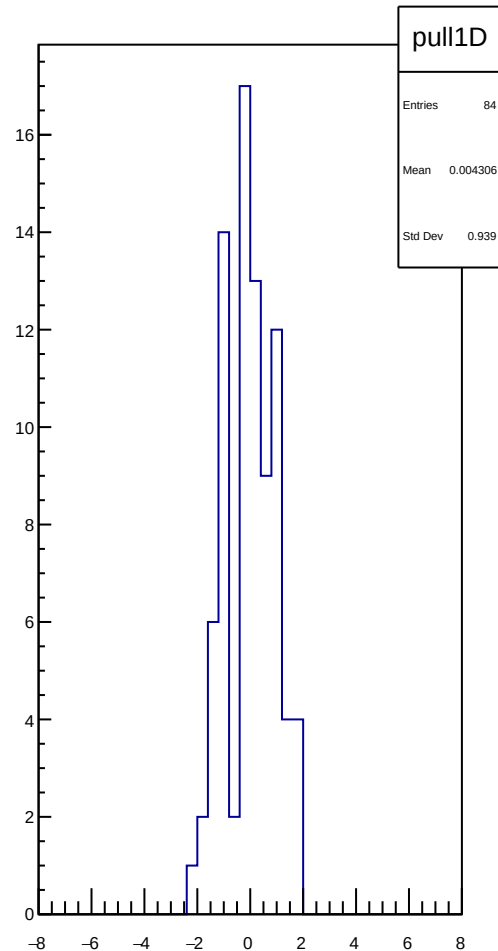
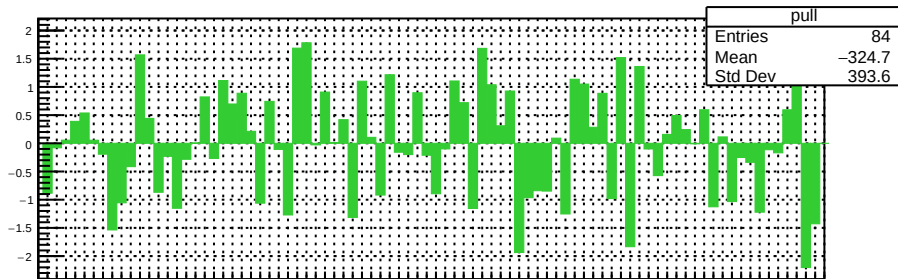
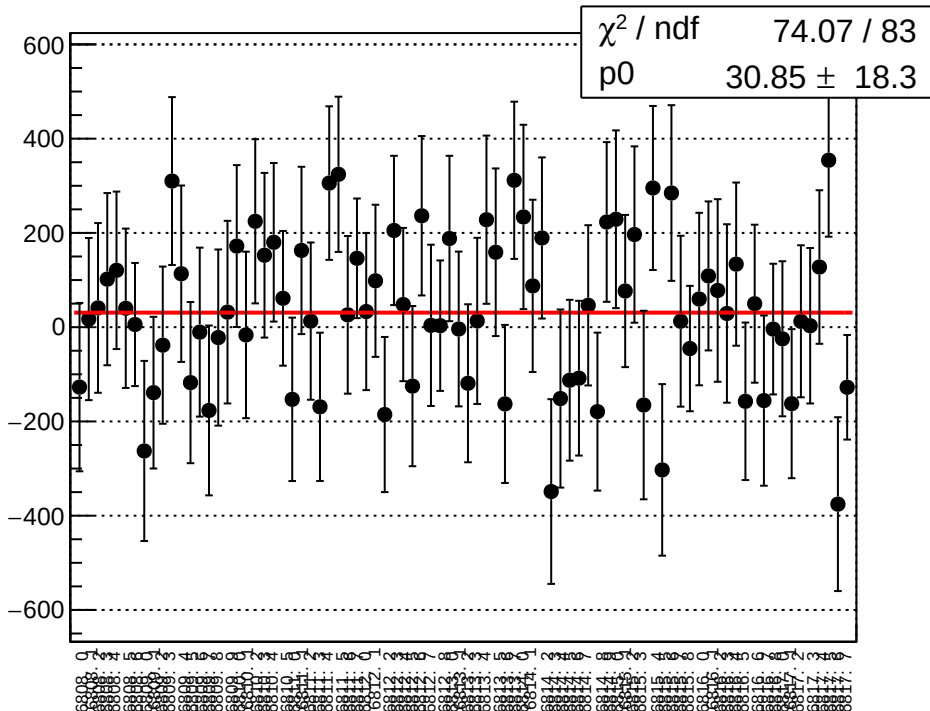
asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs run



asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs run

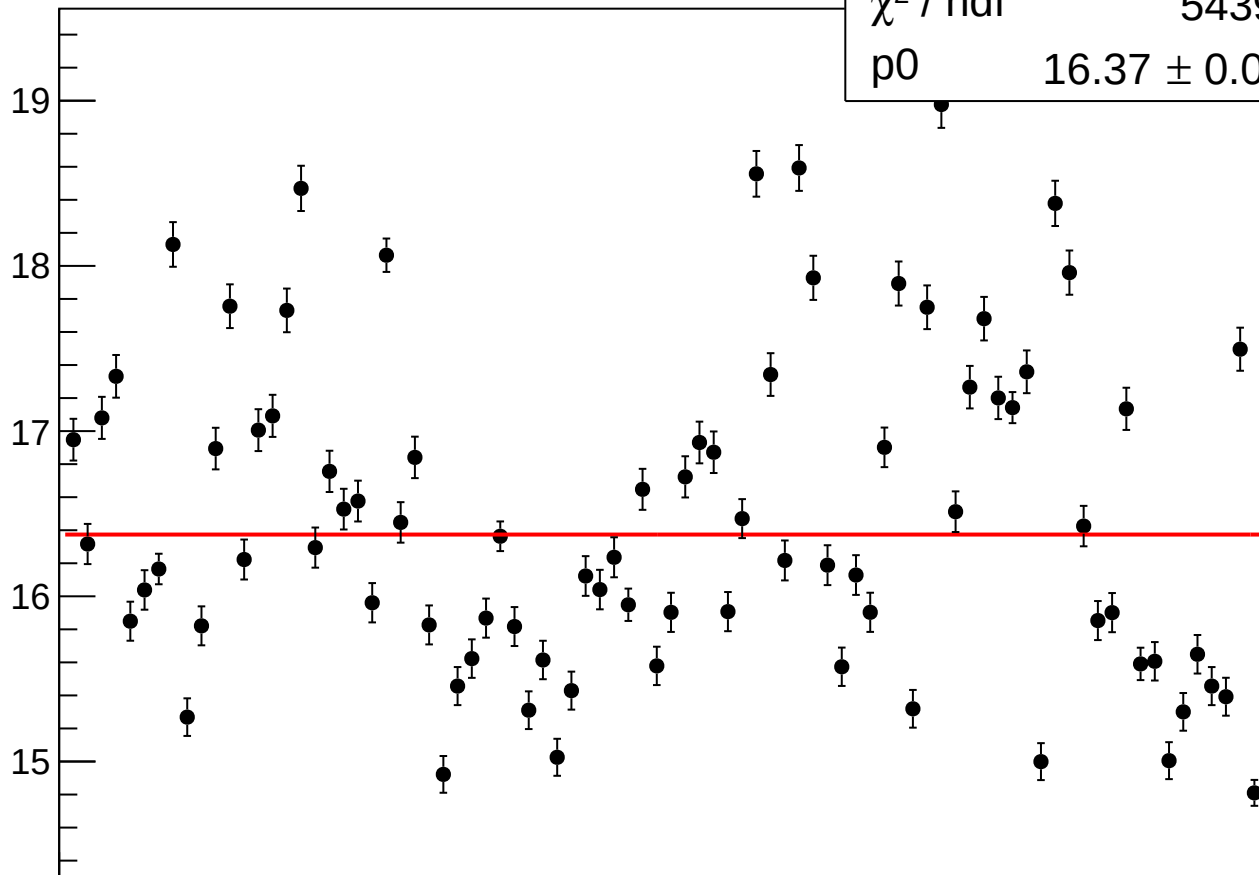


asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs run

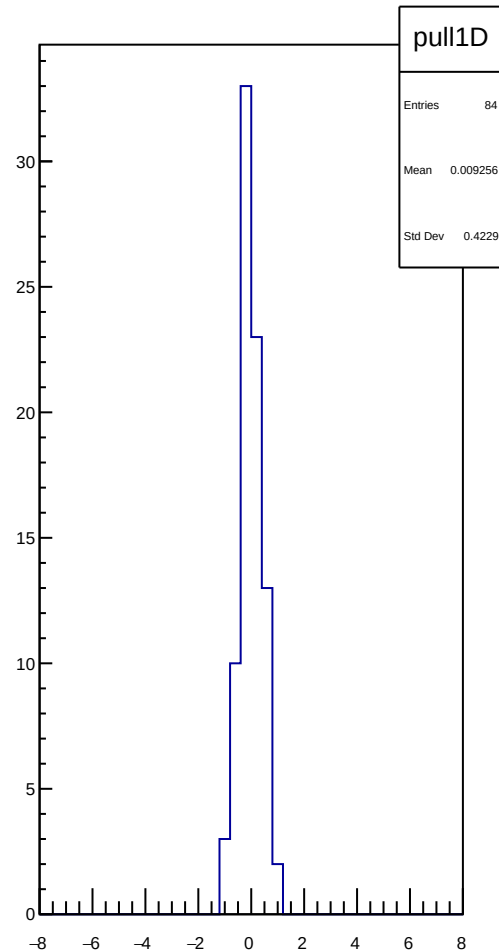
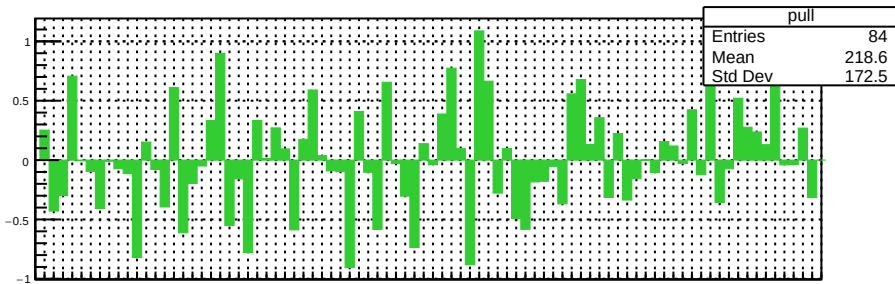
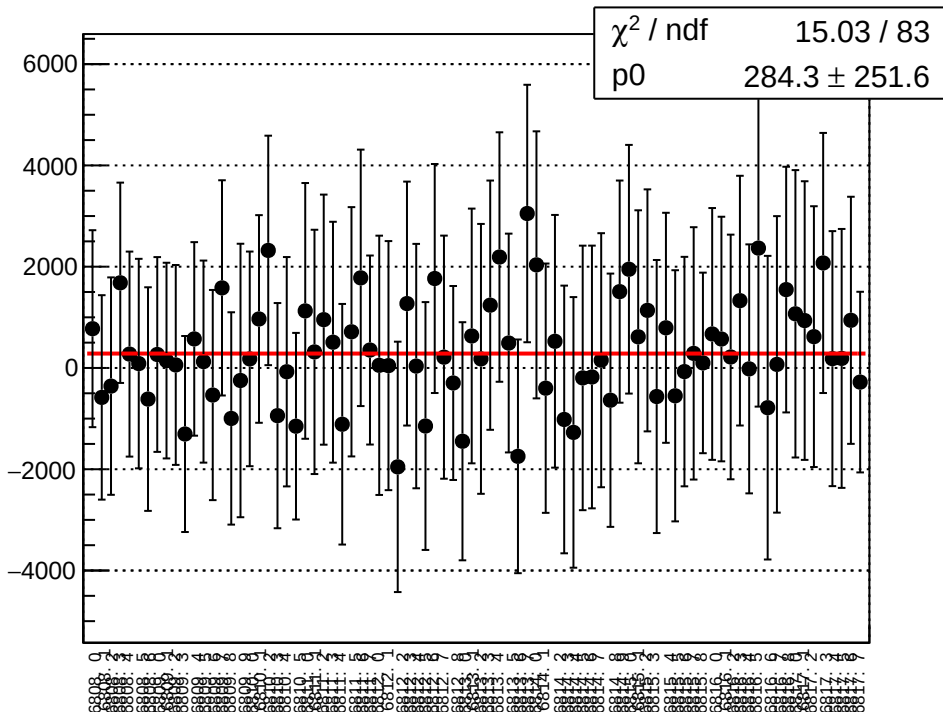


χ^2 / ndf

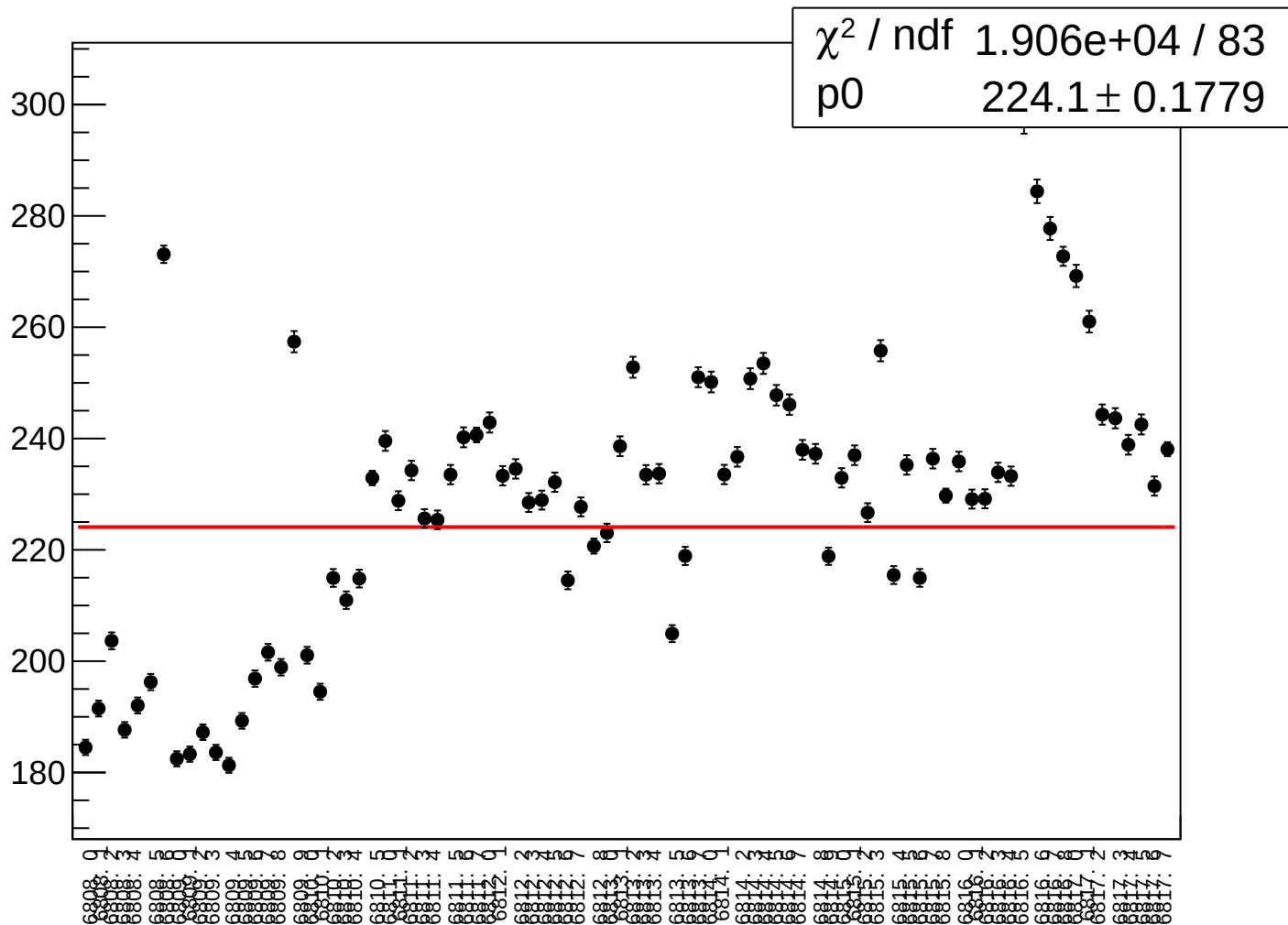
p0

$$16.37 \pm 0.01294$$
[illegible]

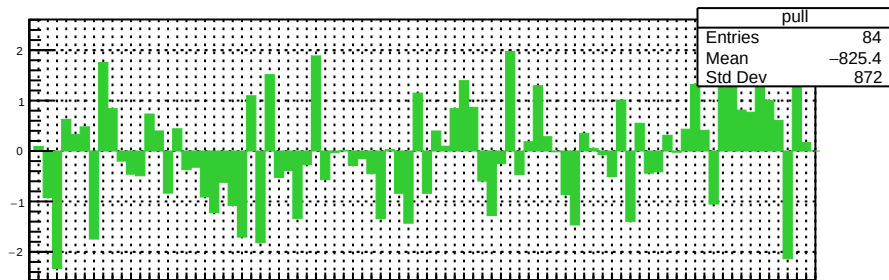
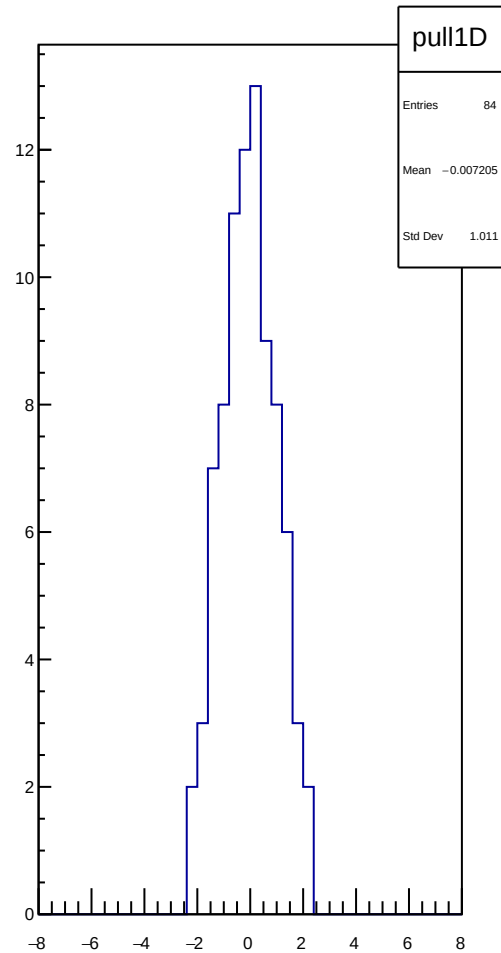
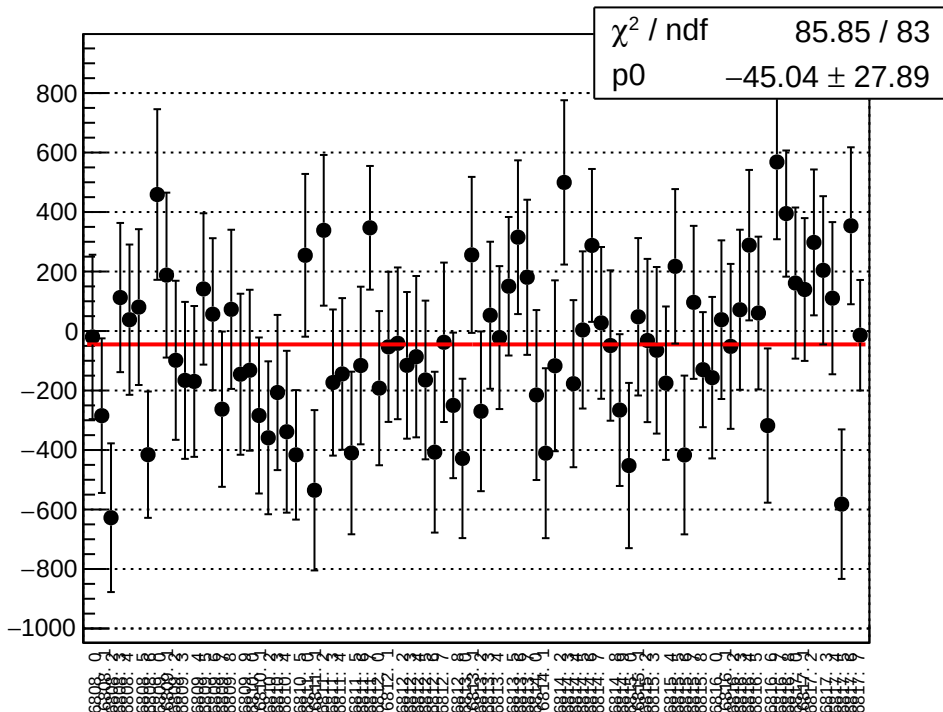
asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs run



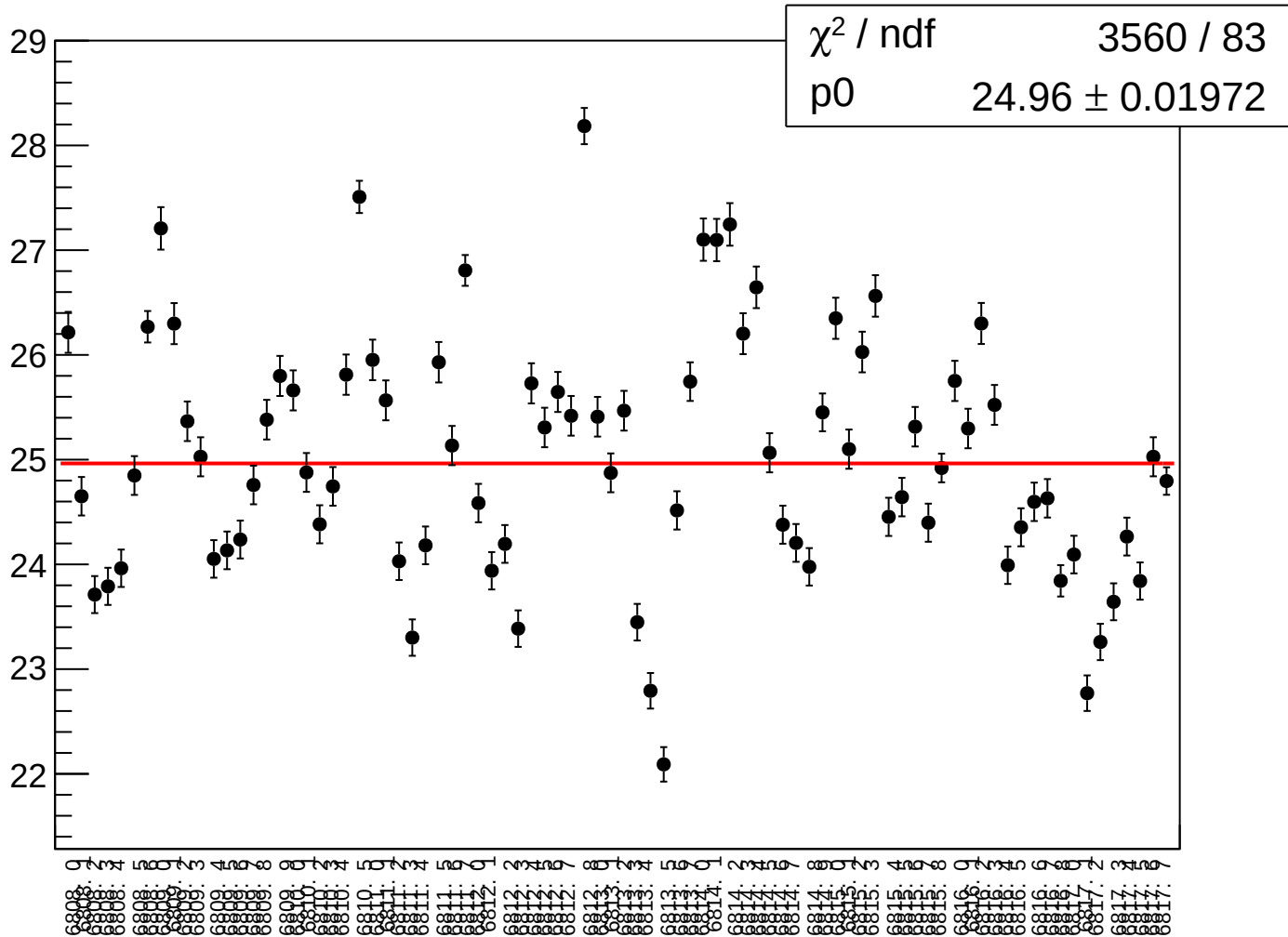
asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs run



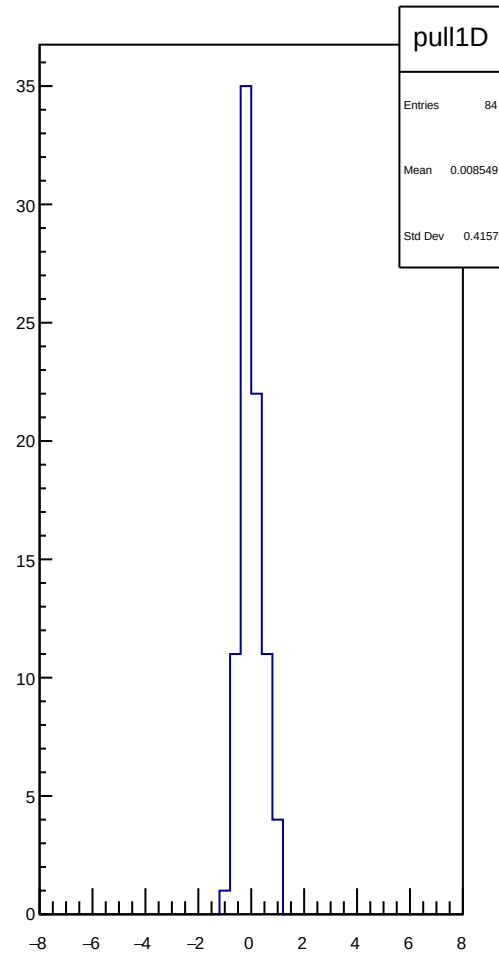
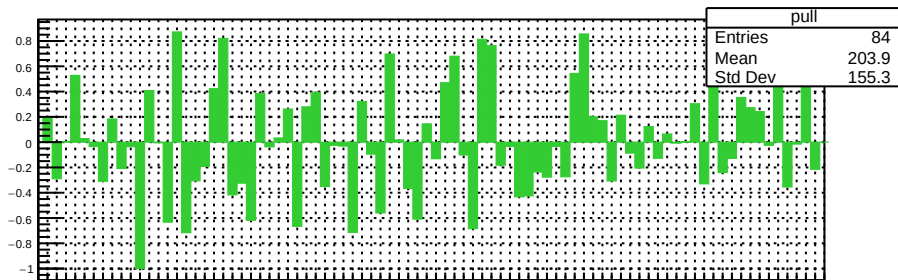
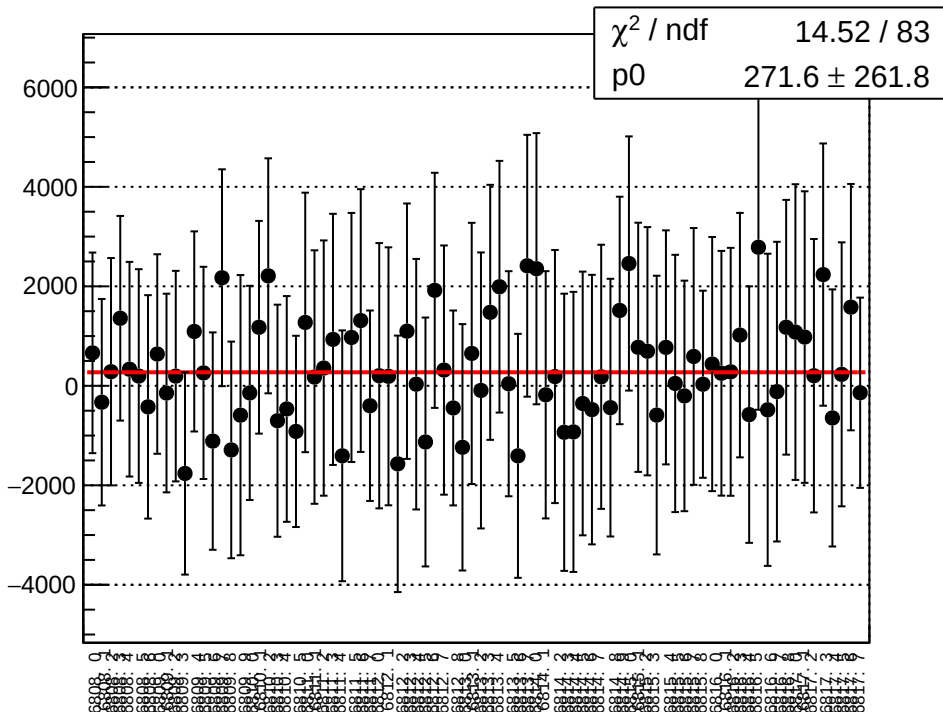
asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs run



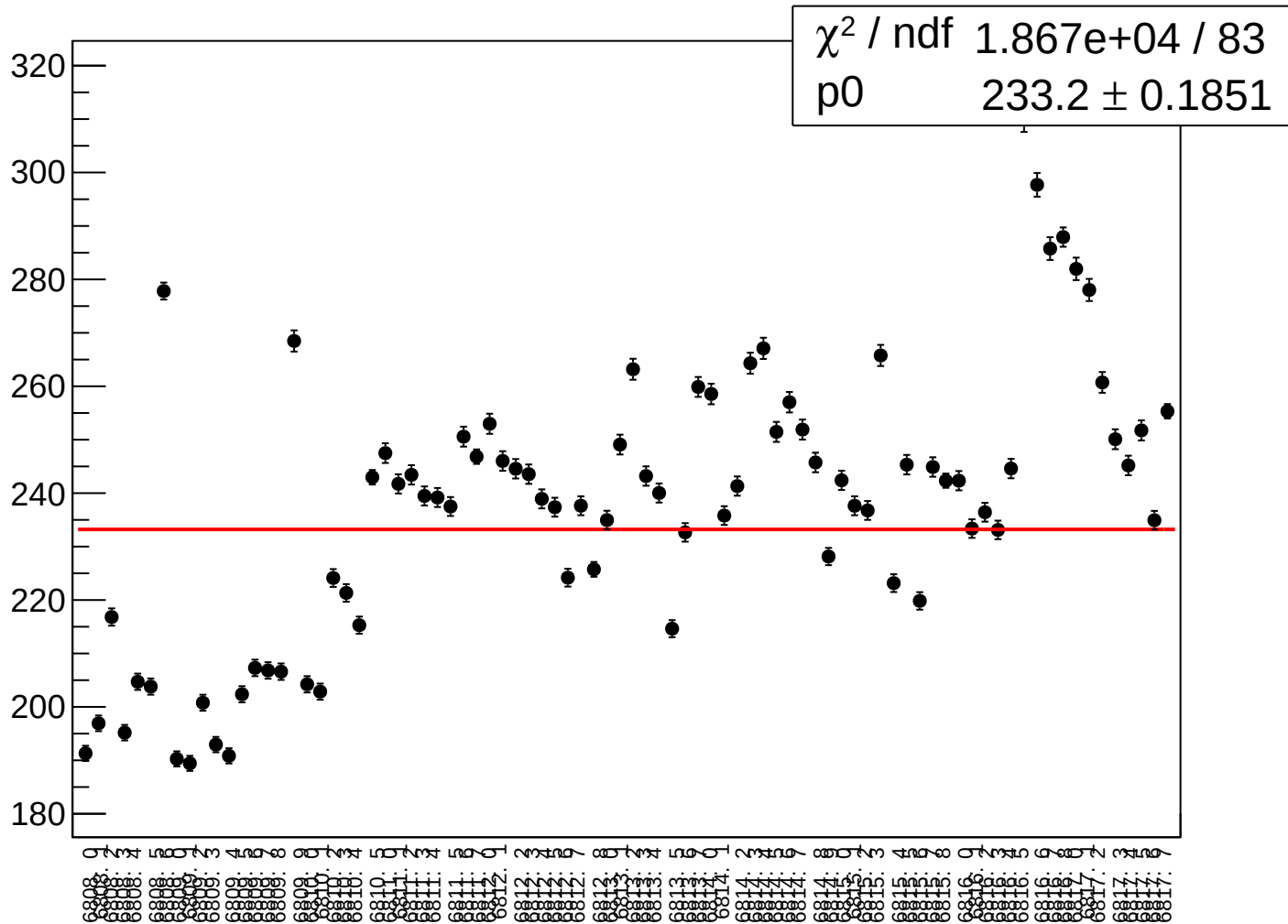
asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs run



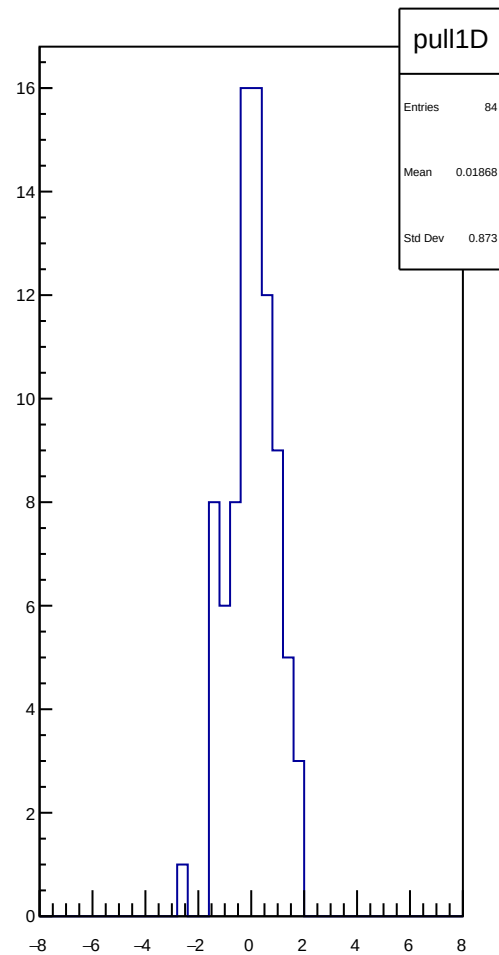
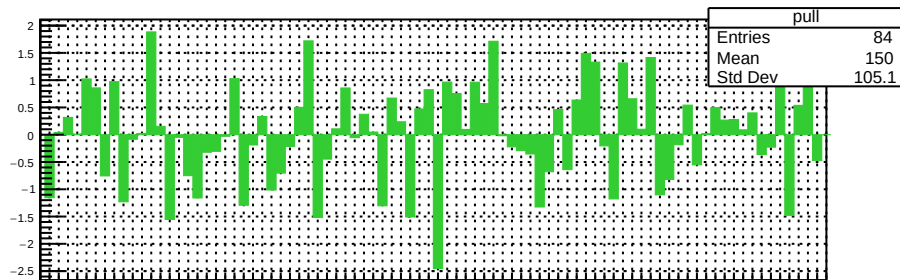
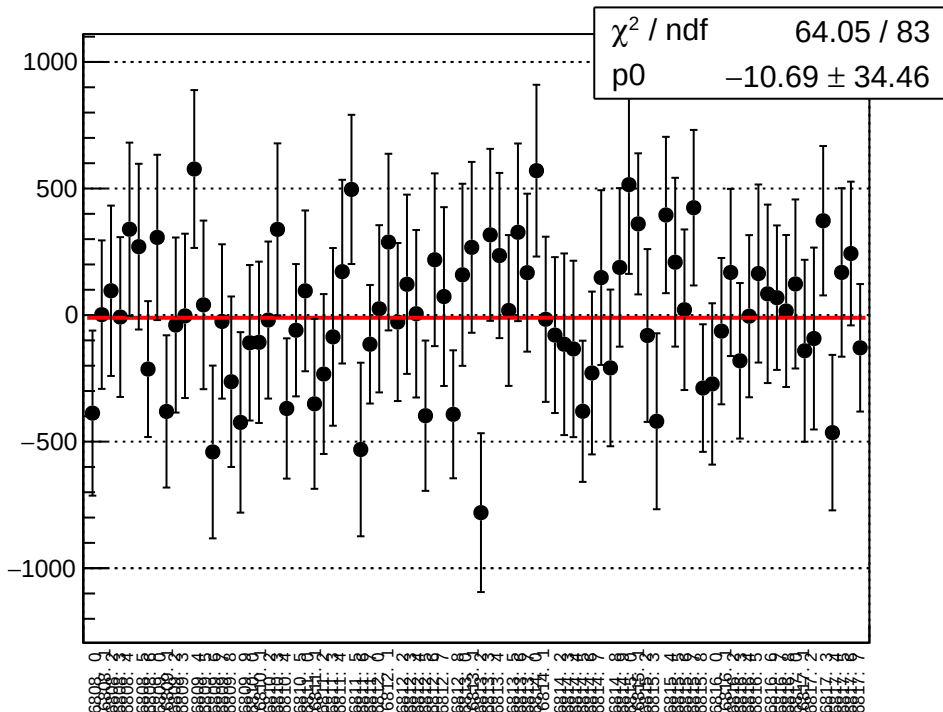
asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs run



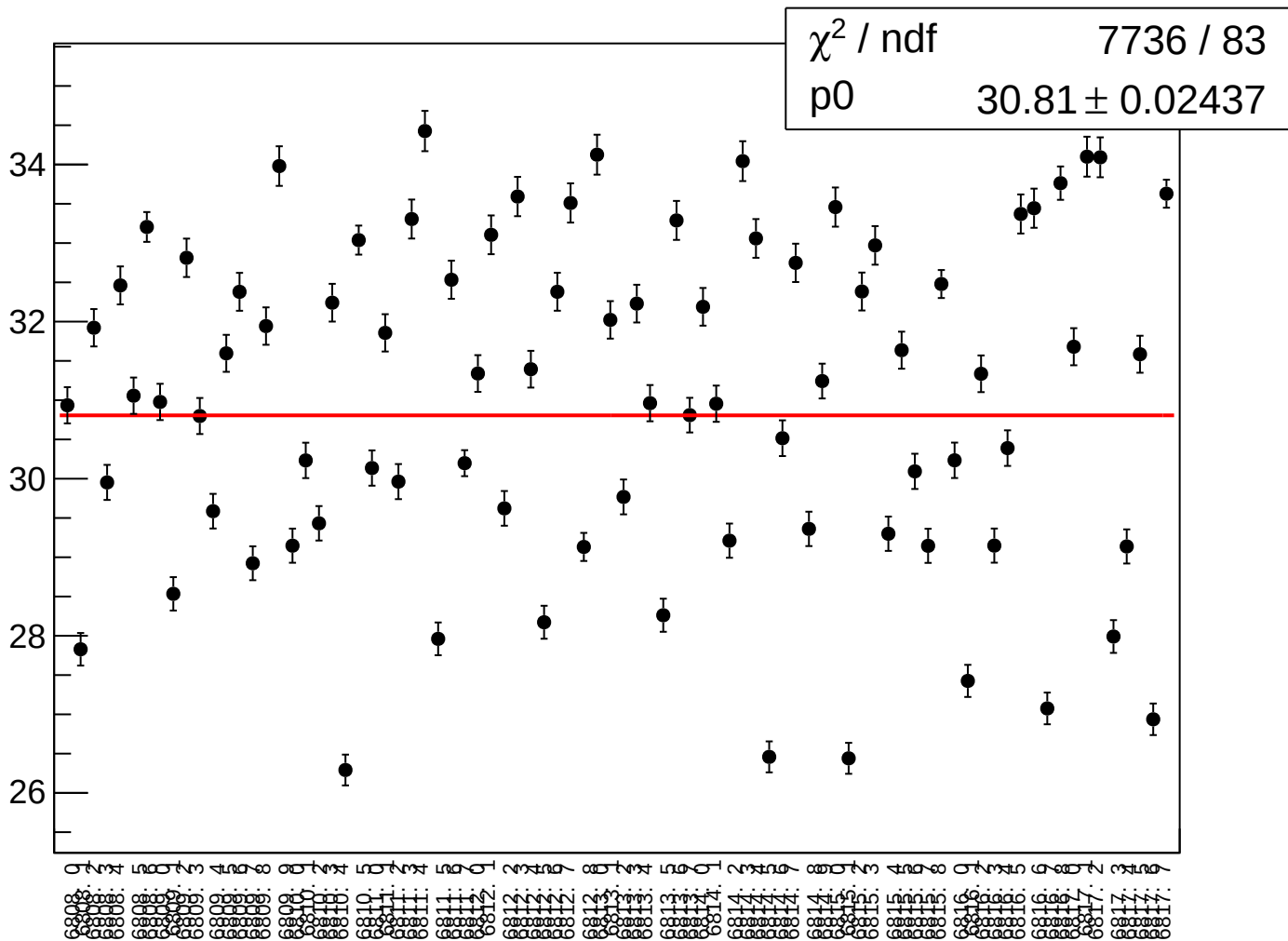
asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs run



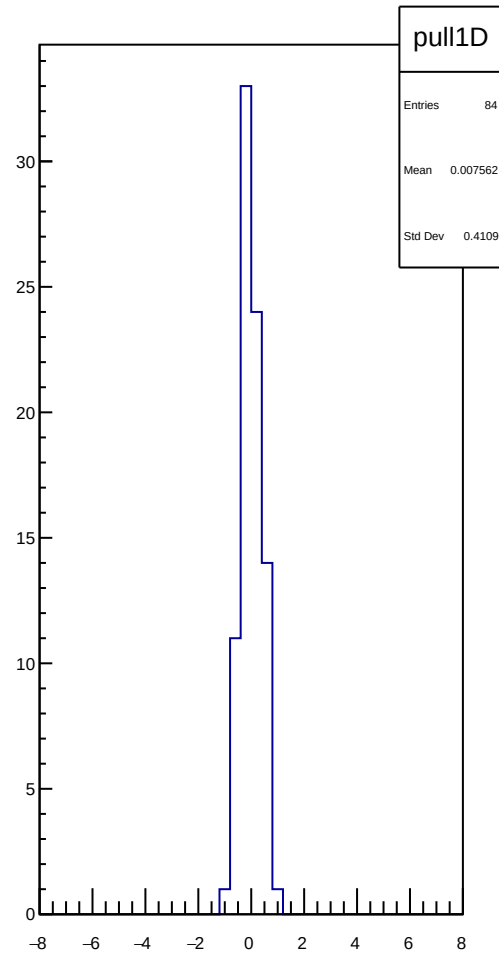
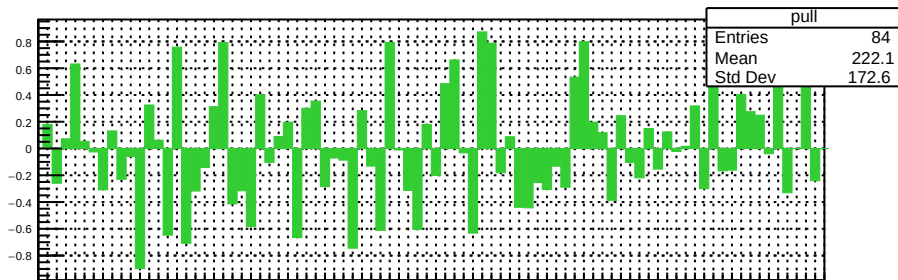
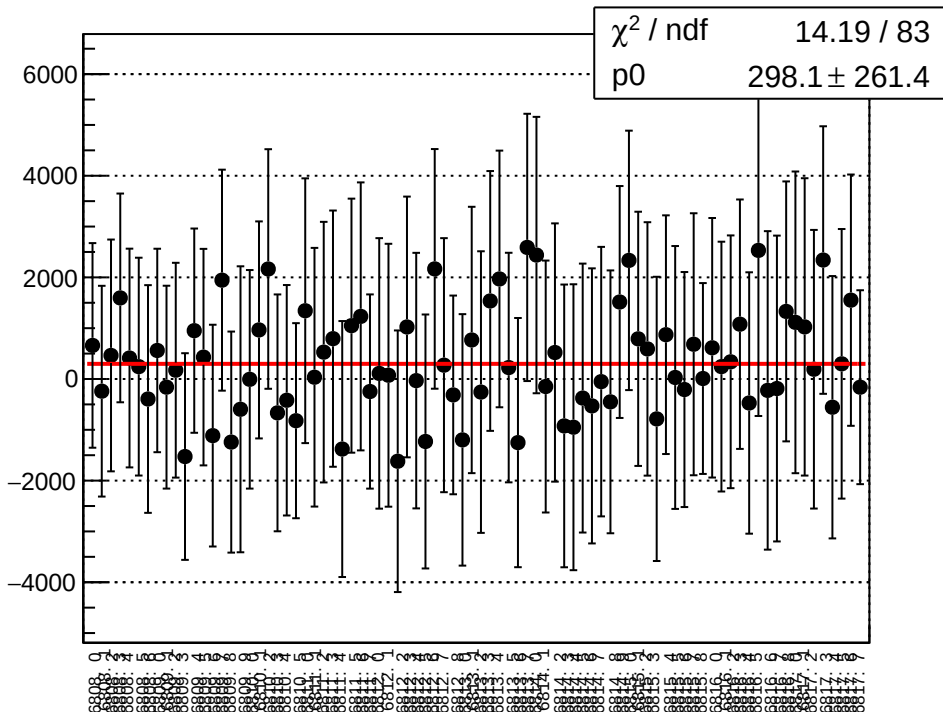
asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs run



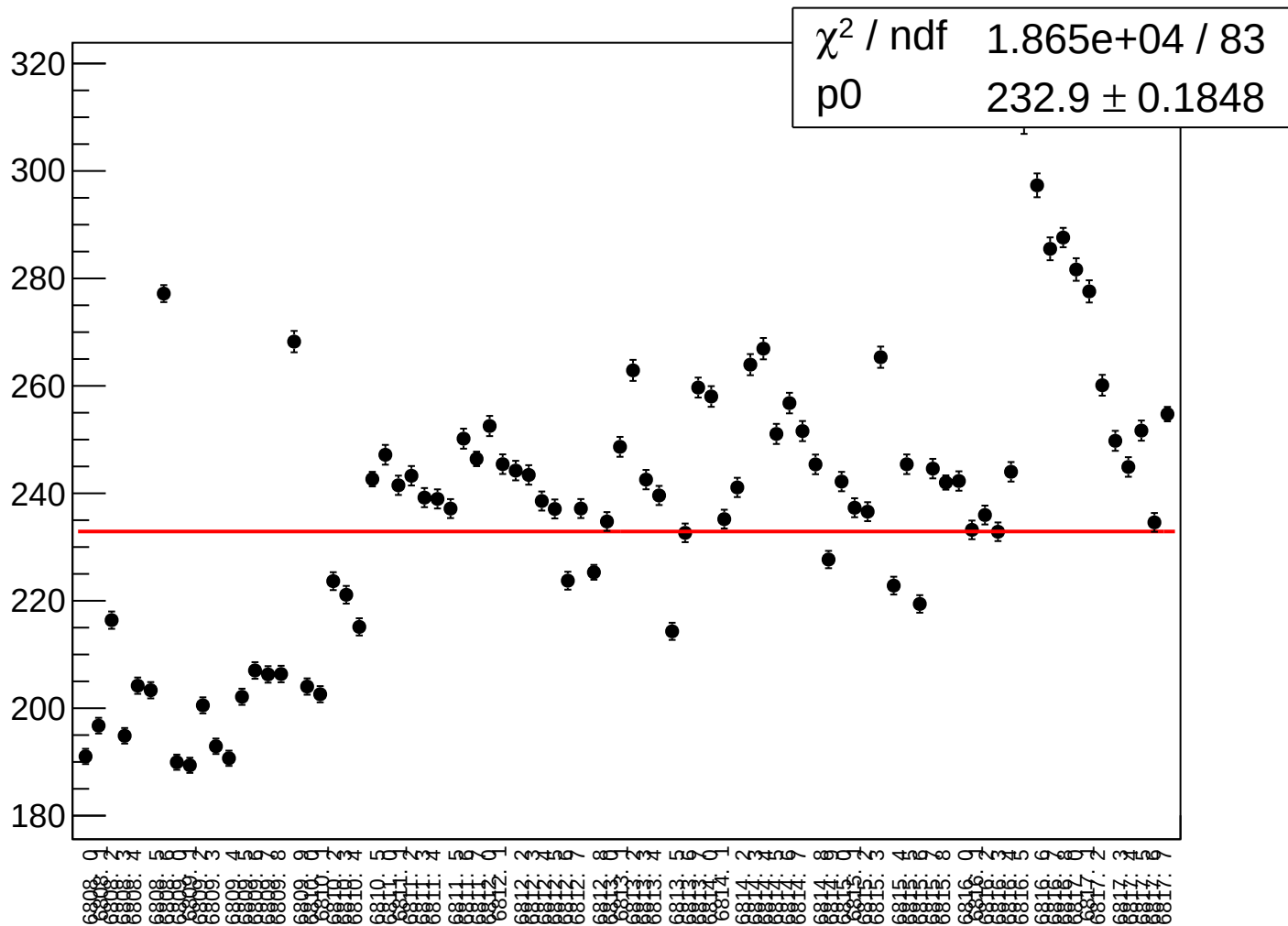
asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs run



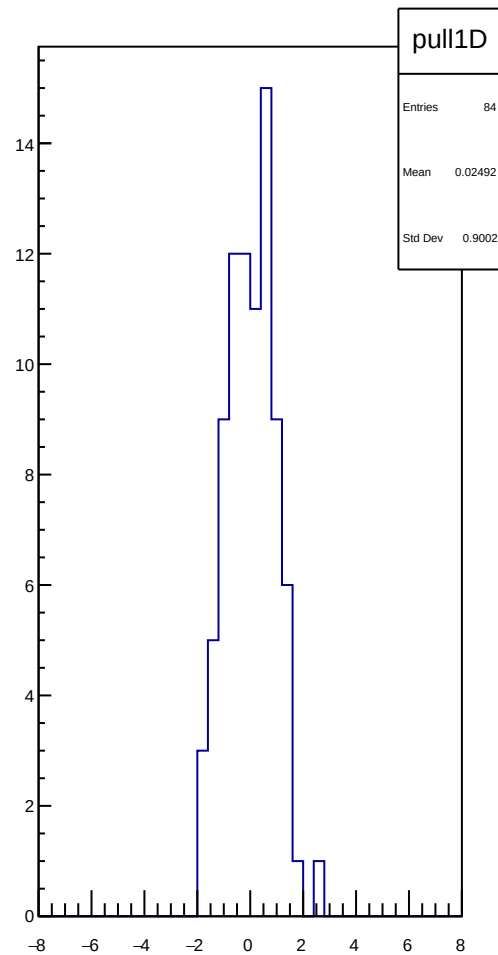
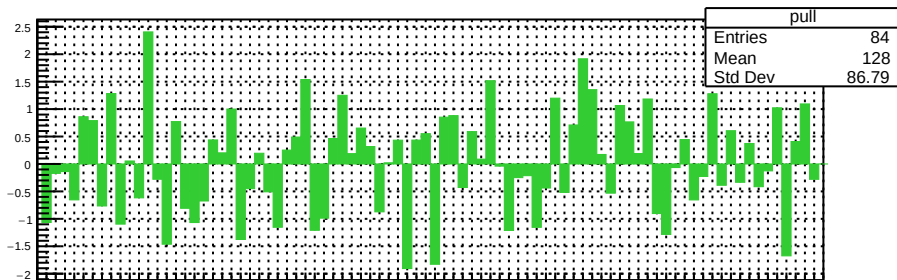
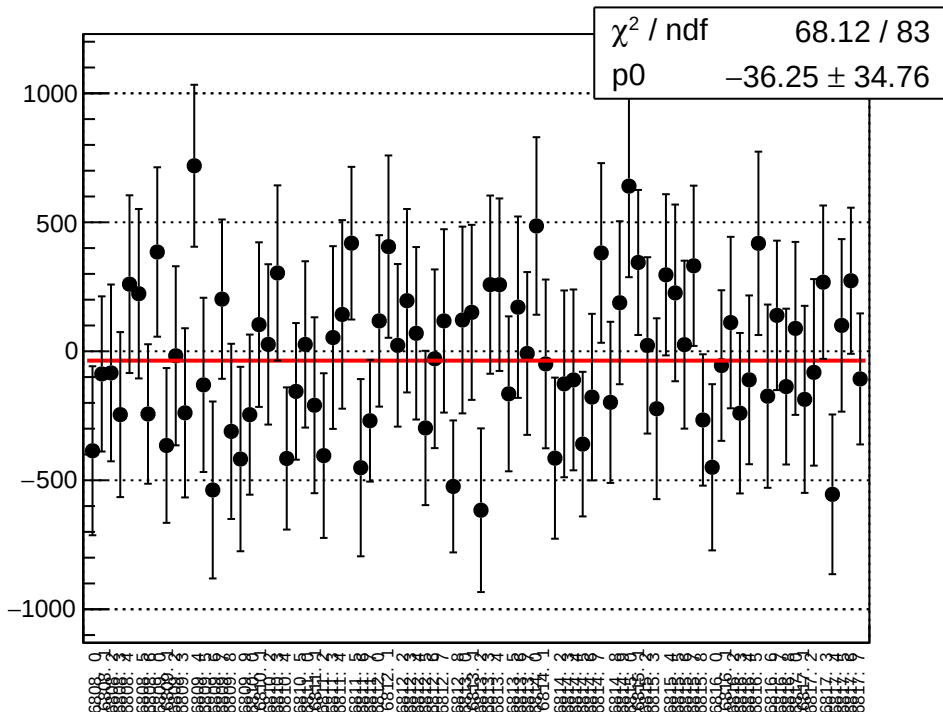
asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs run



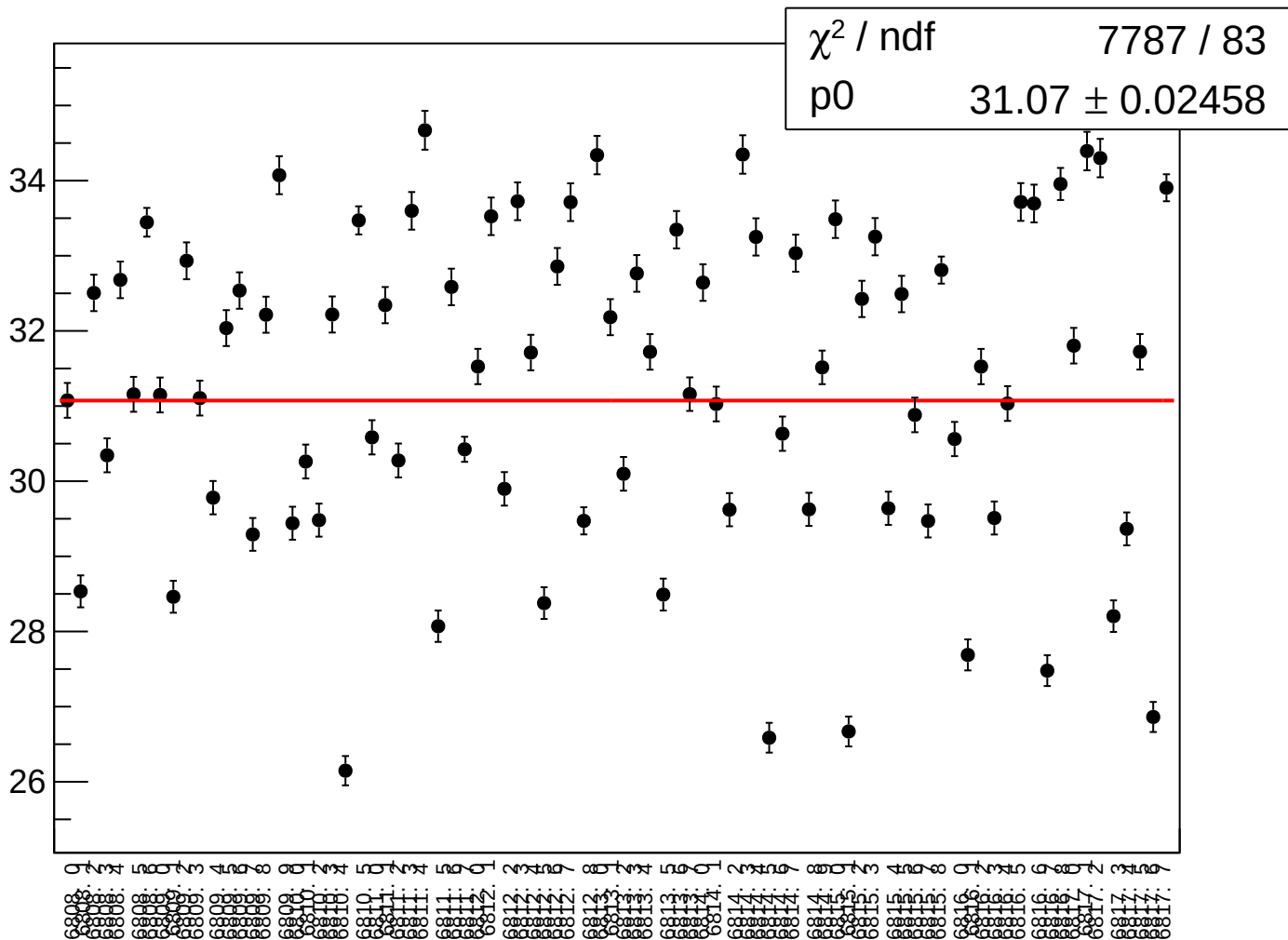
asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs run



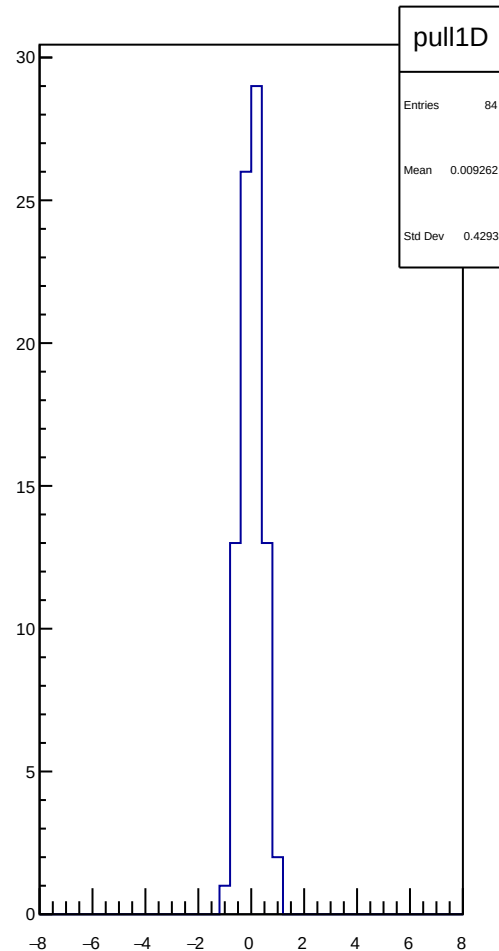
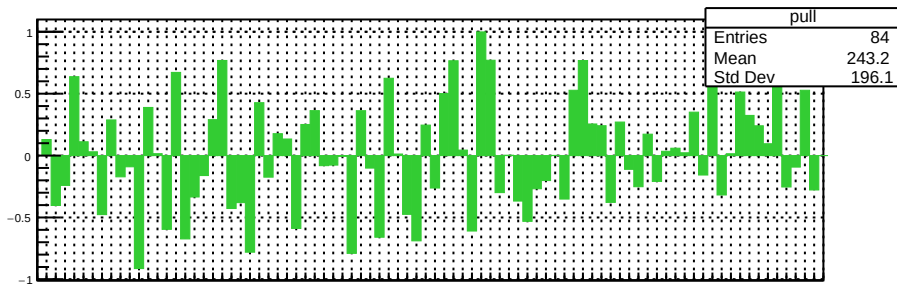
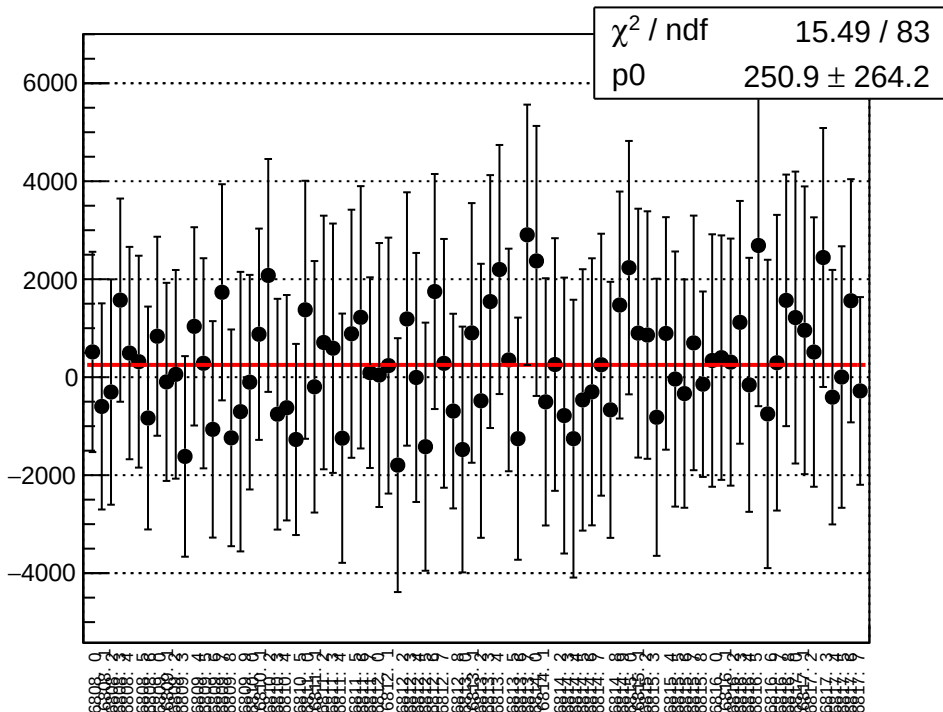
asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs run



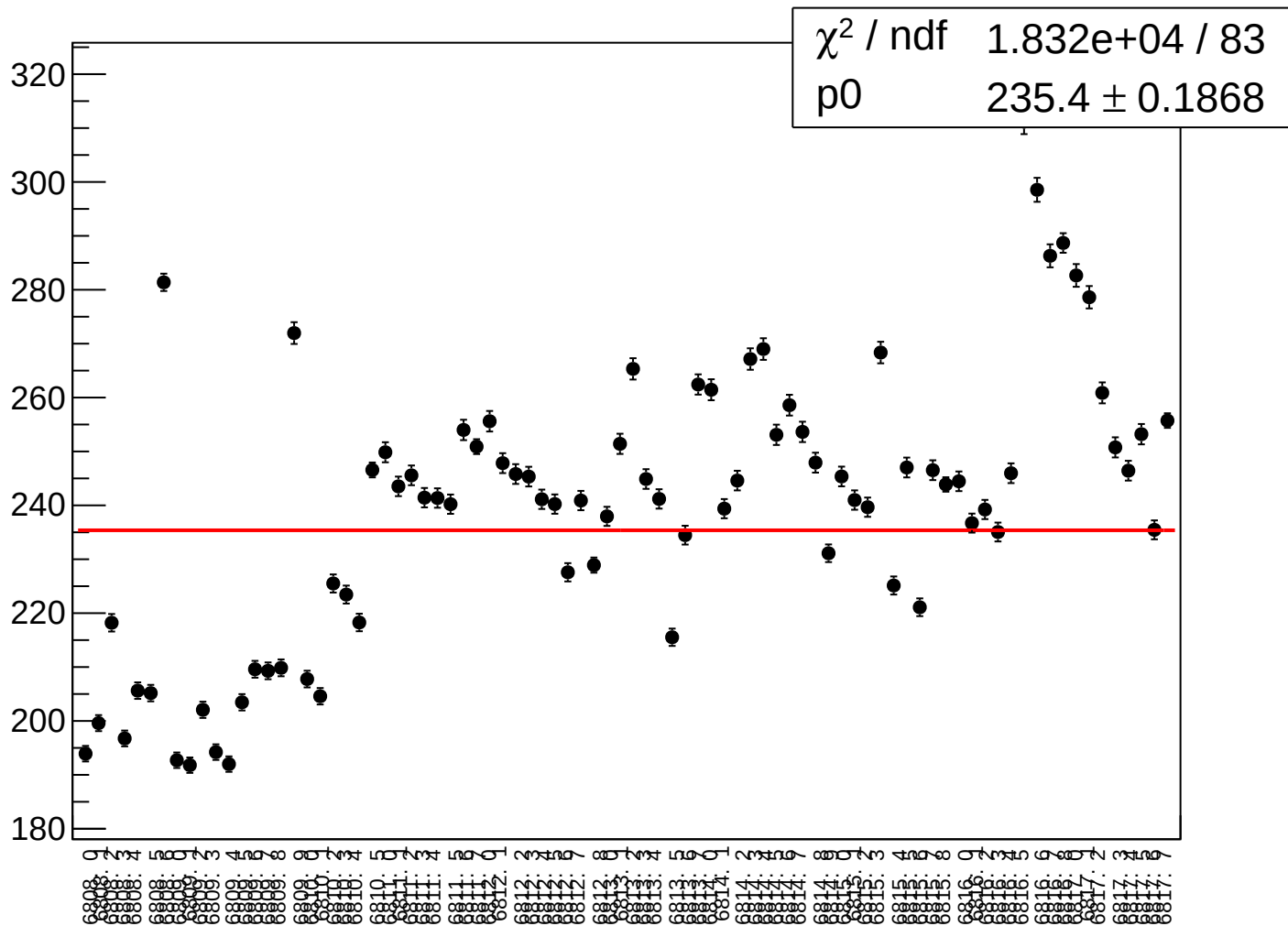
asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs run



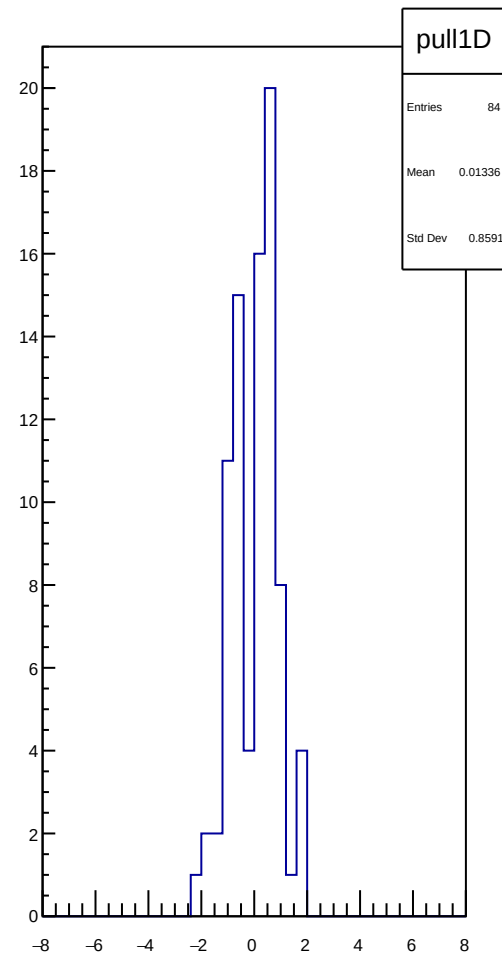
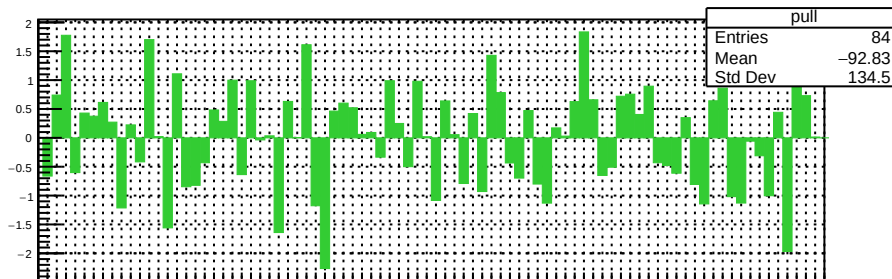
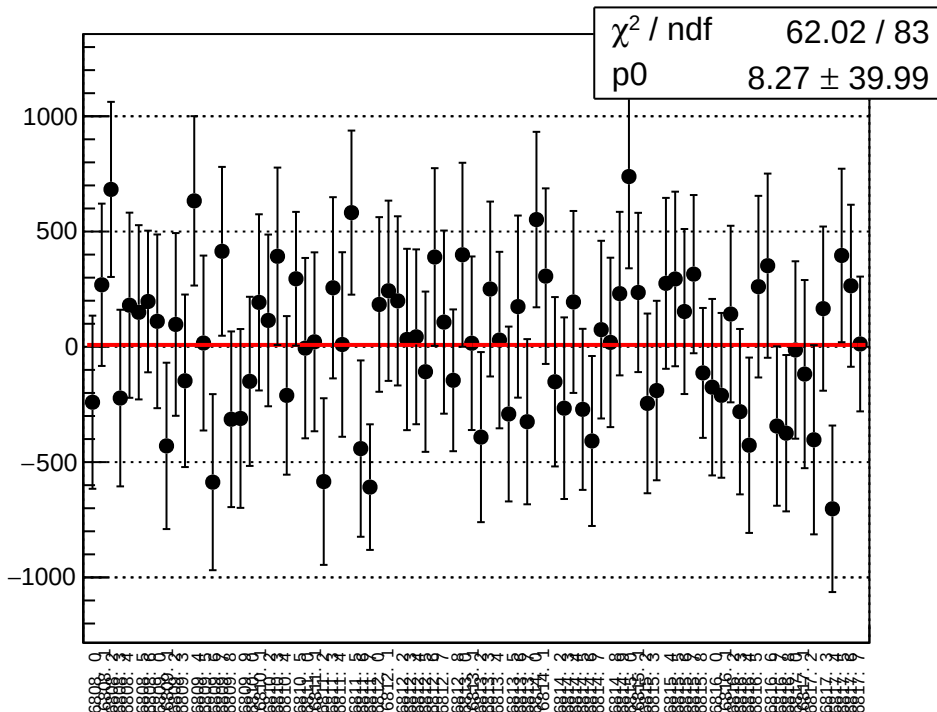
asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs run



asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs run



asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs run



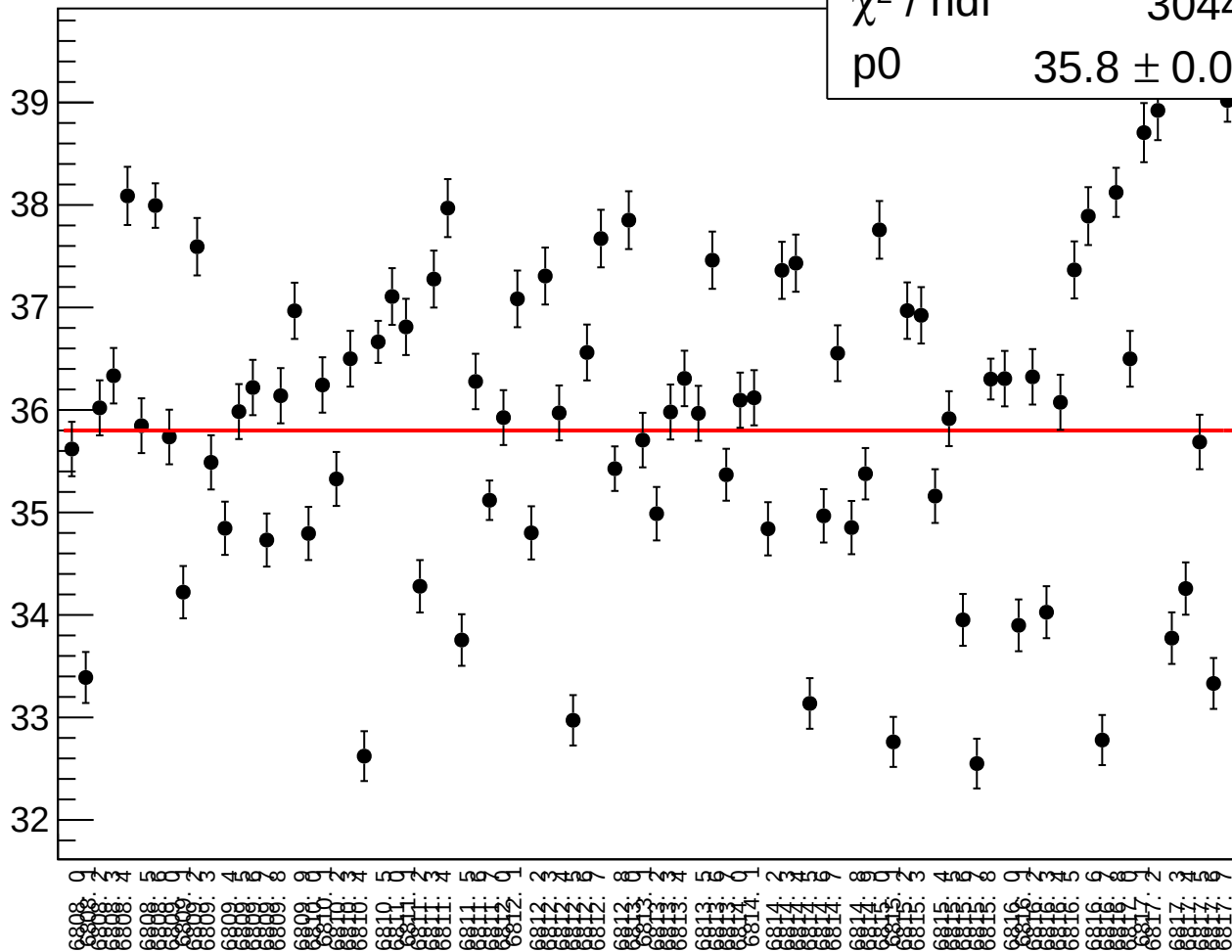
asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs run

χ^2 / ndf

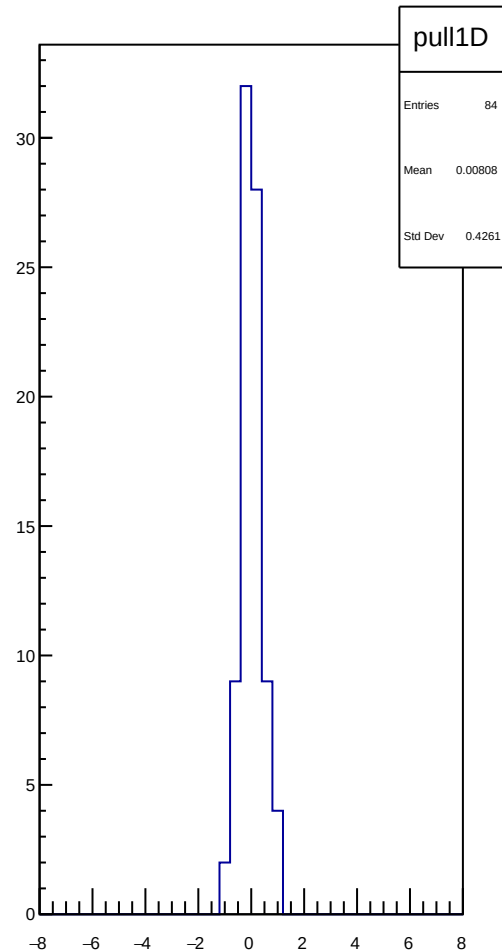
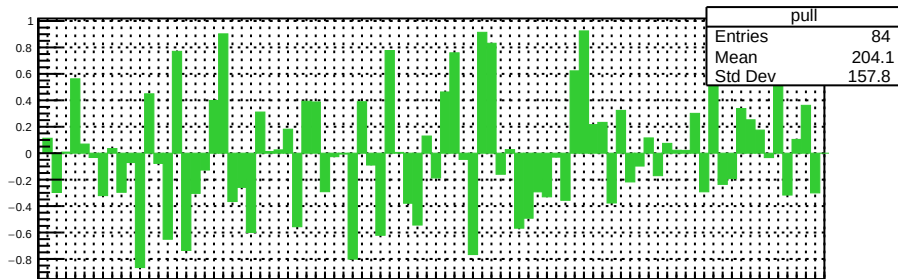
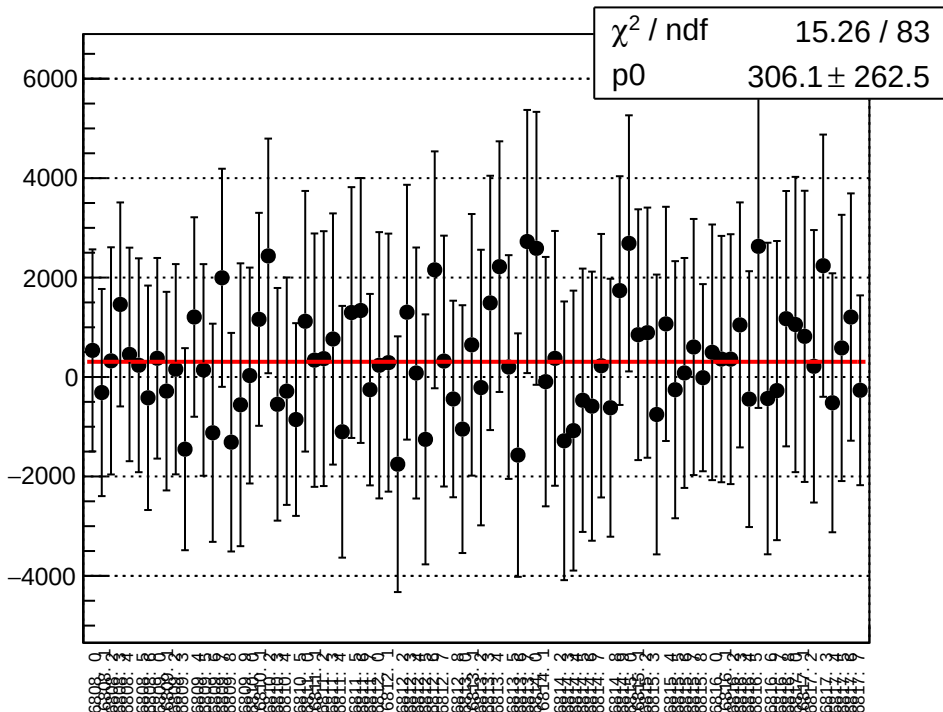
3044 / 83

p0

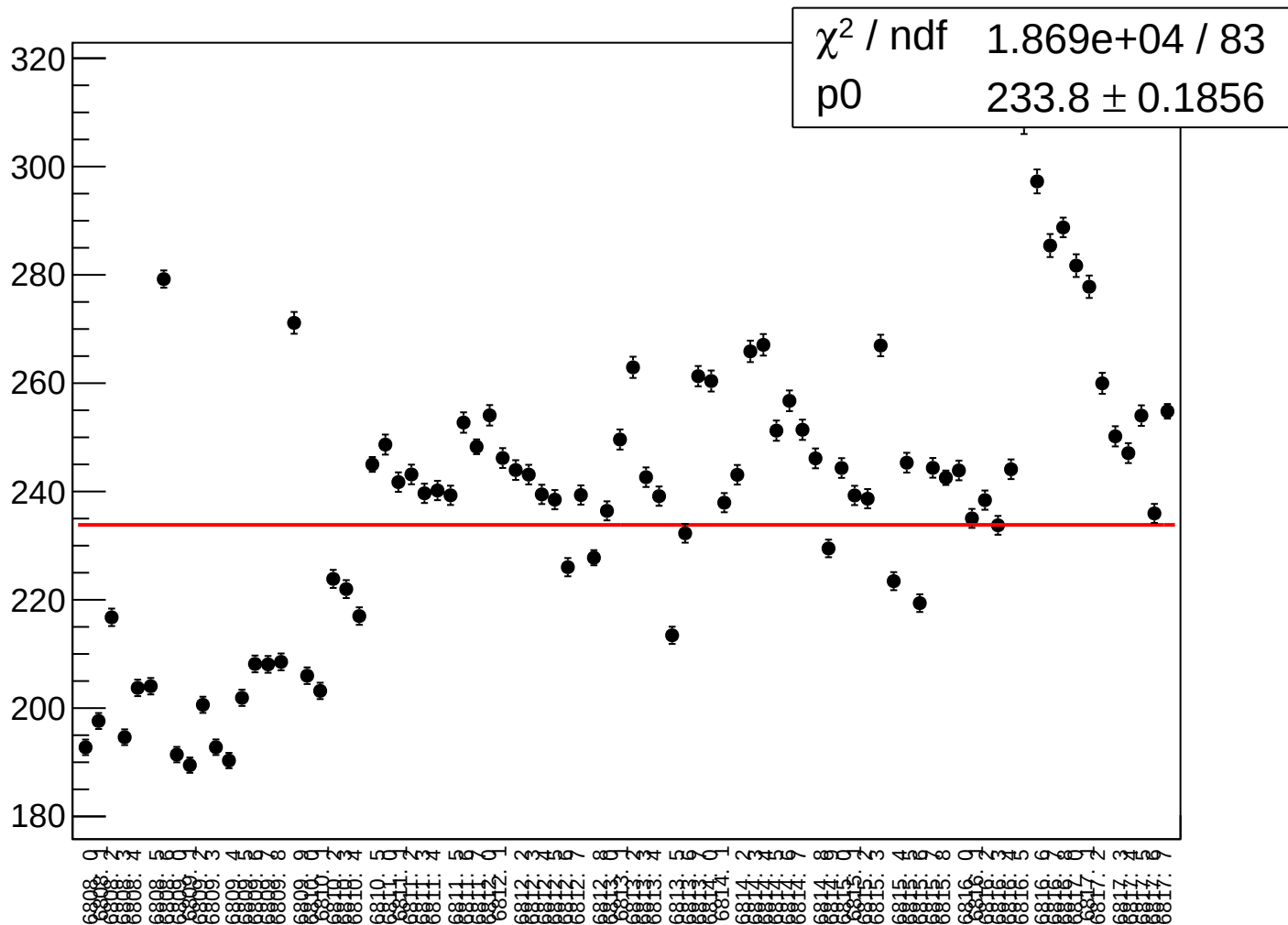
35.8 ± 0.02828



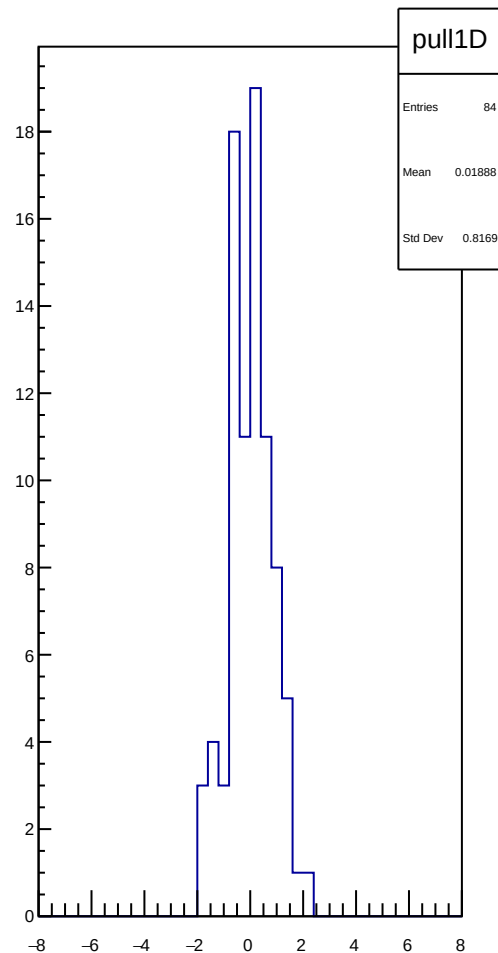
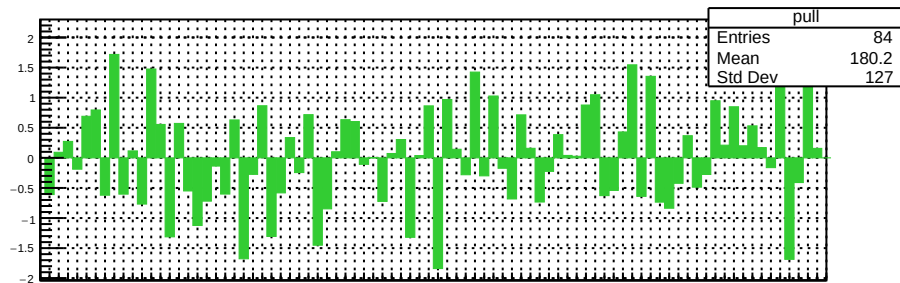
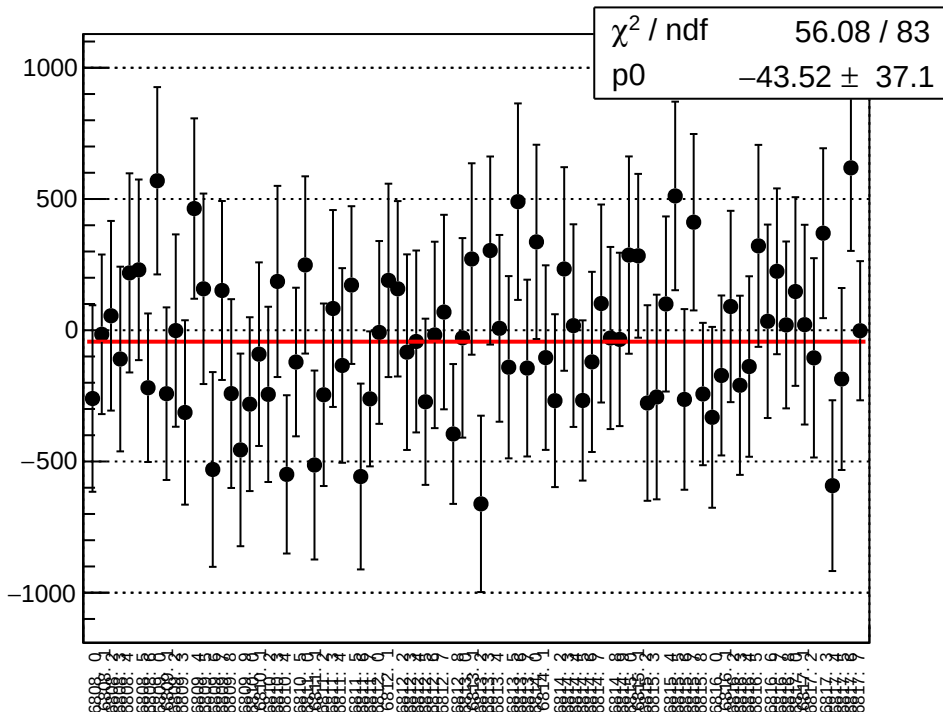
asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs run



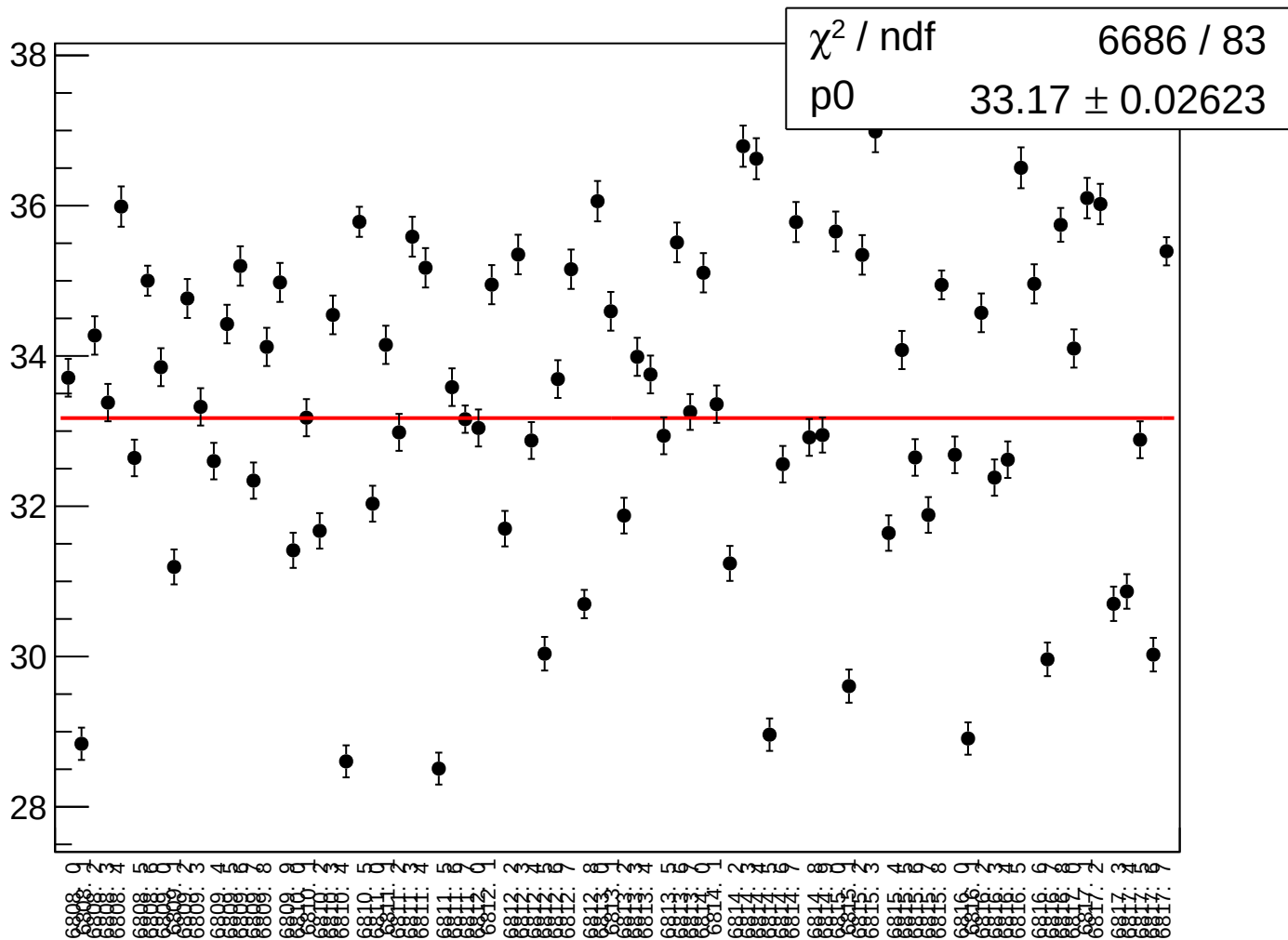
asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs run



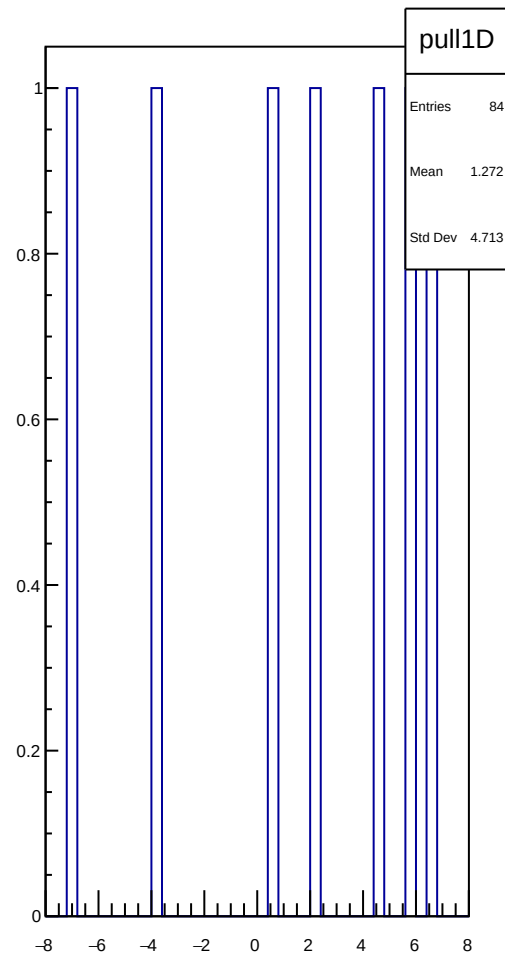
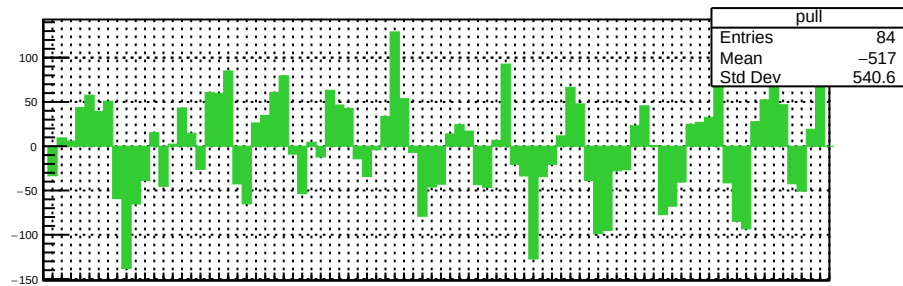
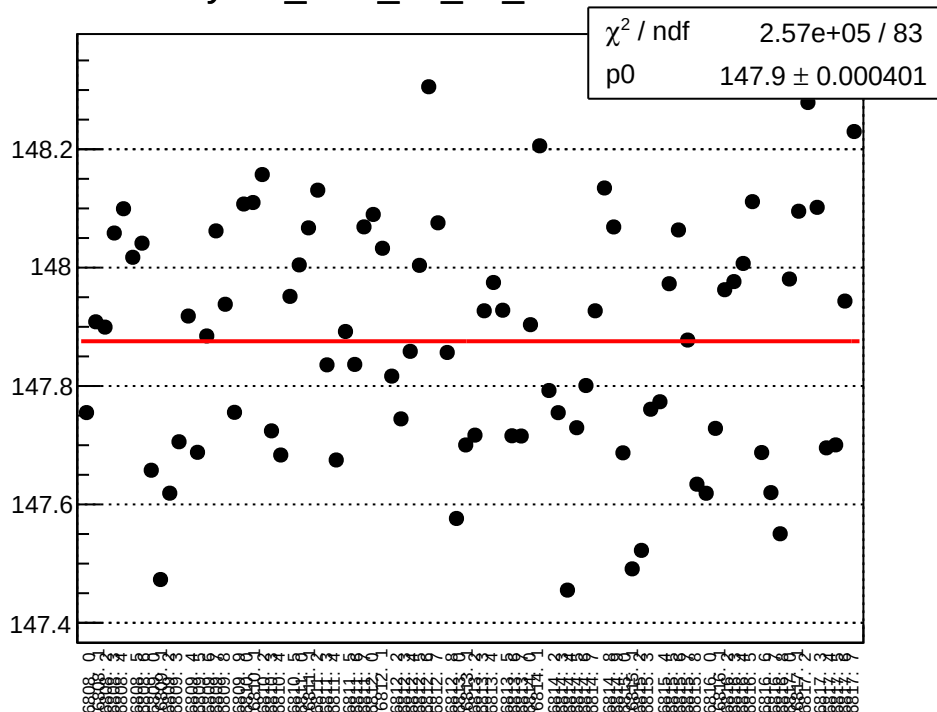
asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs run



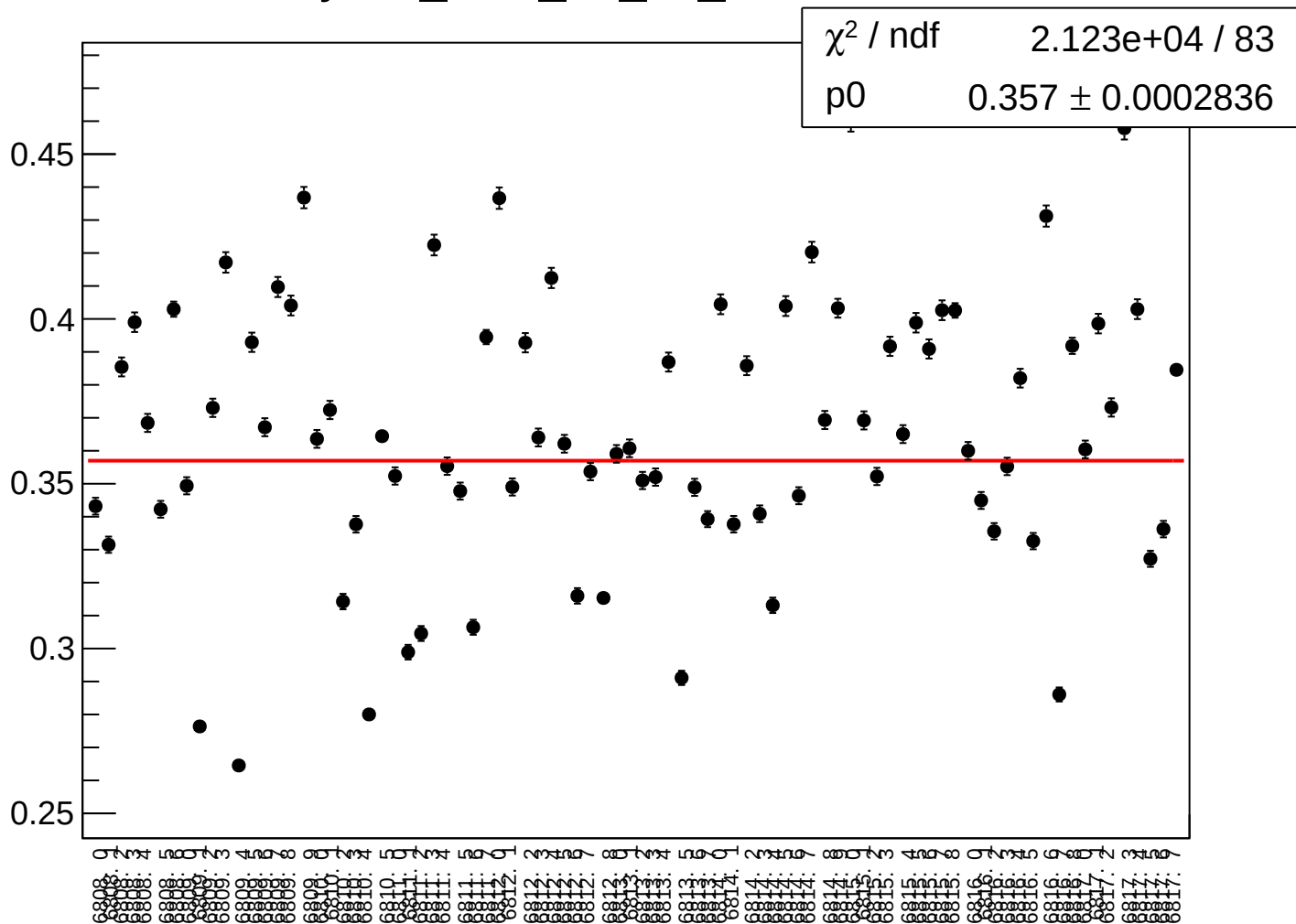
asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs run



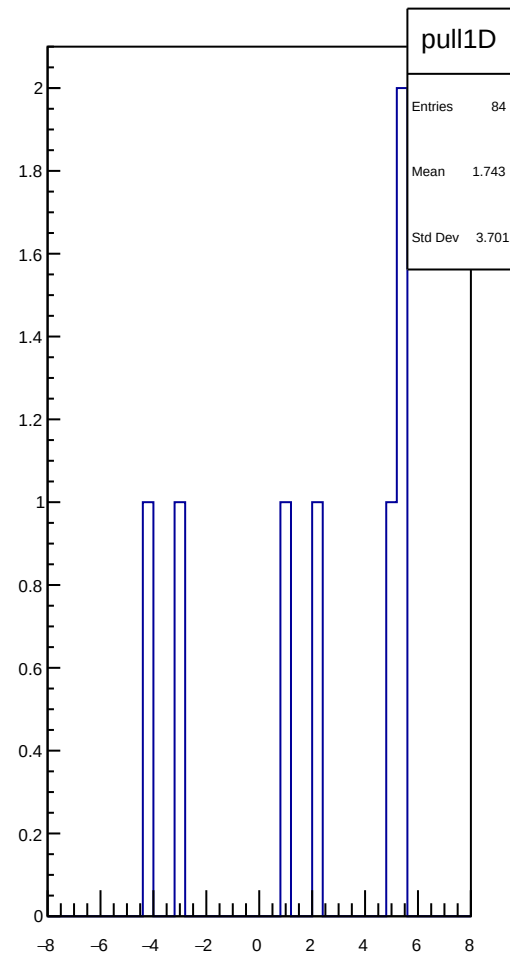
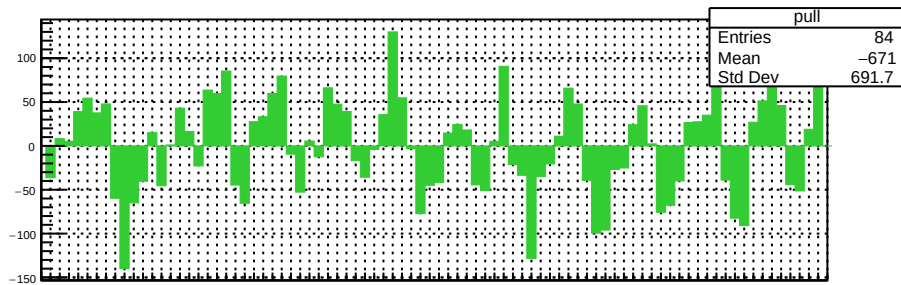
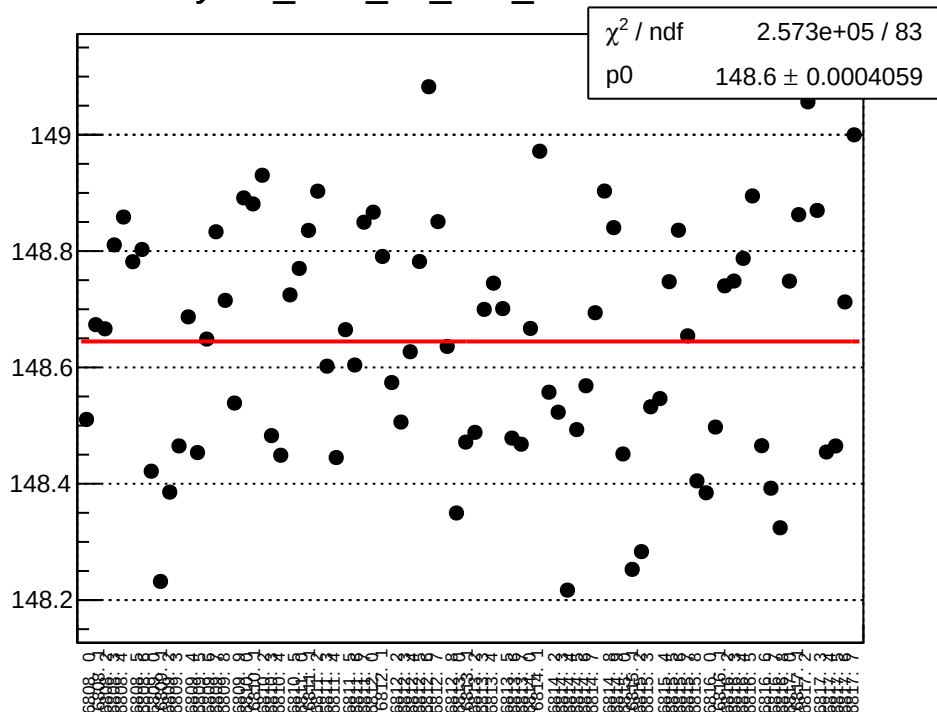
yield_bcm_an_ds_mean vs run



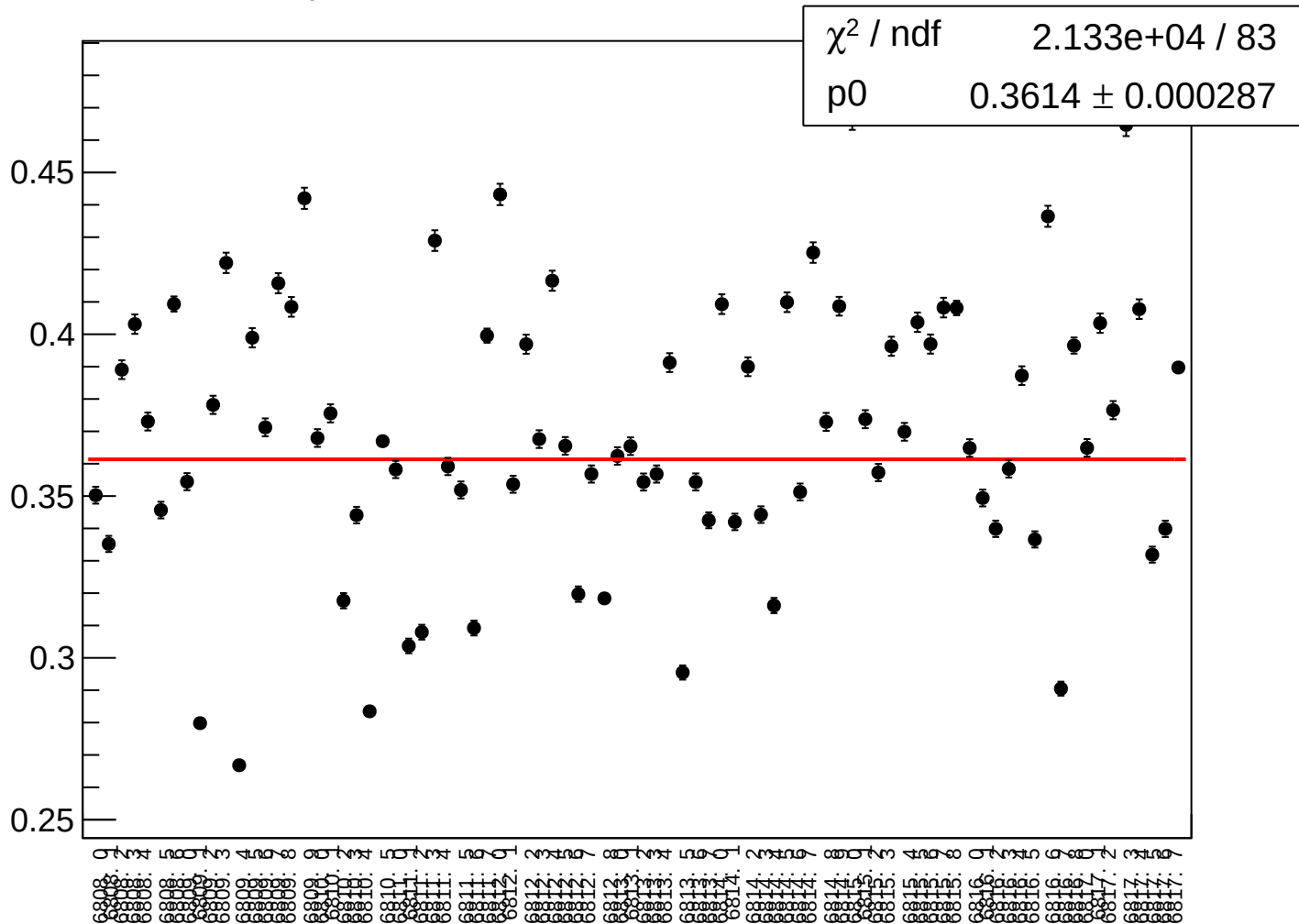
yield_bcm_an_ds_rms vs run



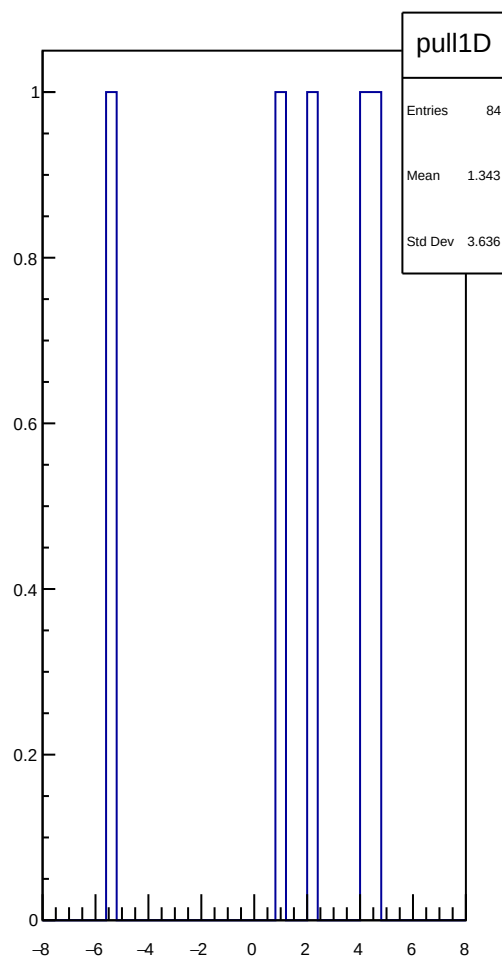
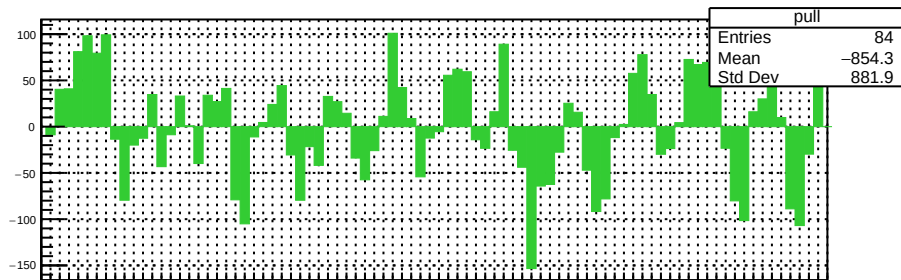
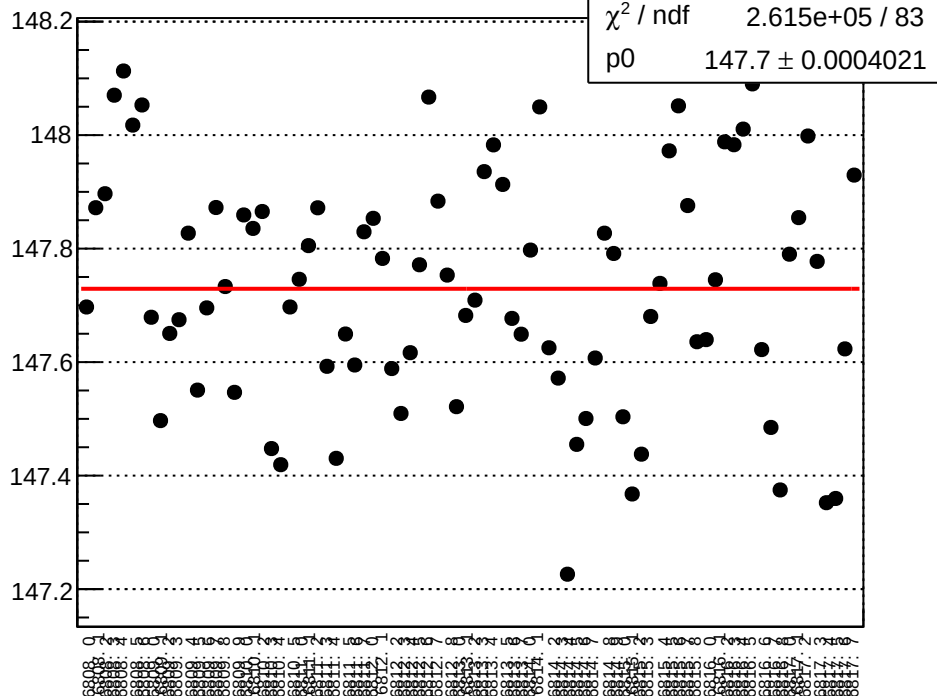
yield_bcm_an_ds3_mean vs run



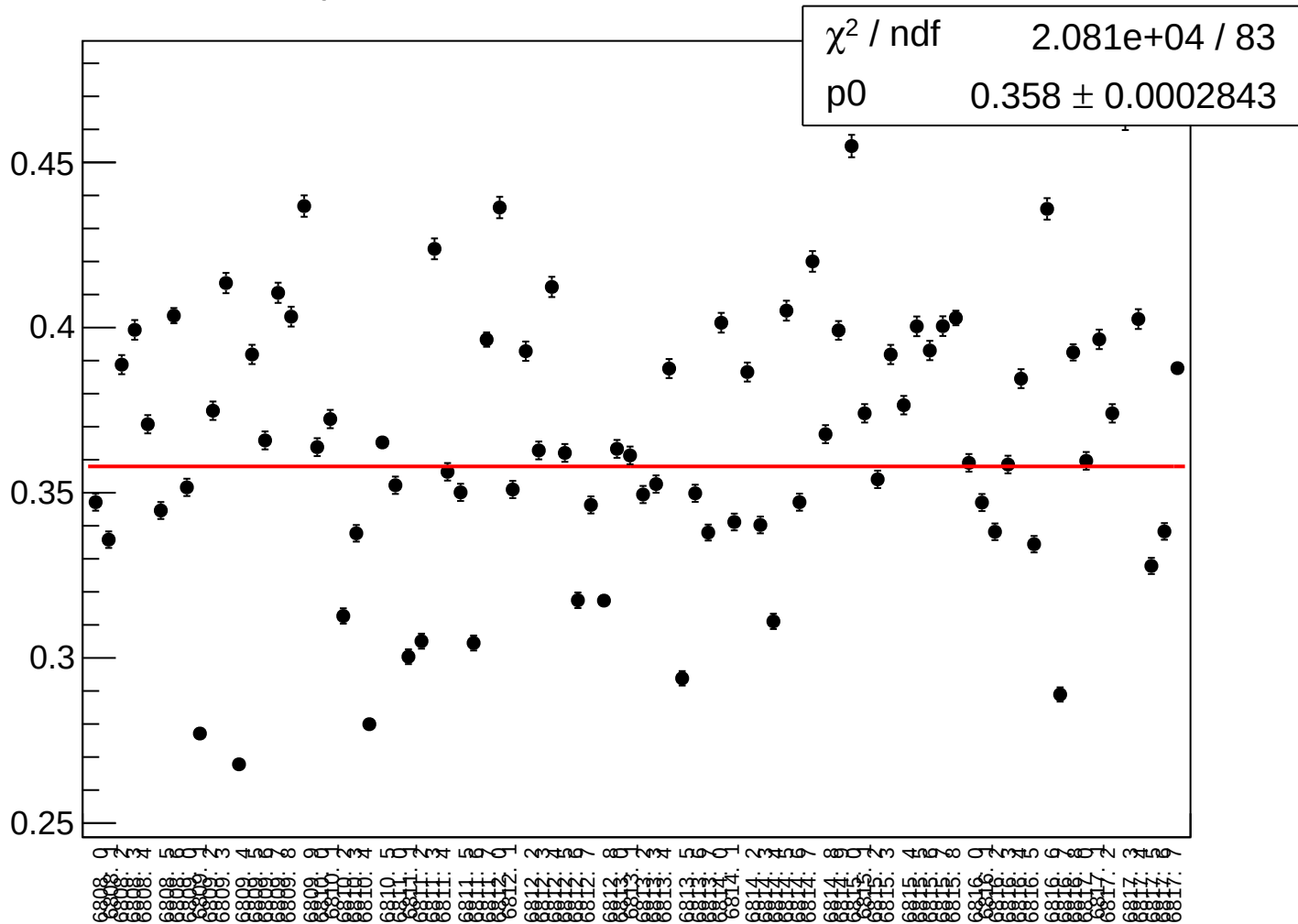
yield_bcm_an_ds3_rms vs run



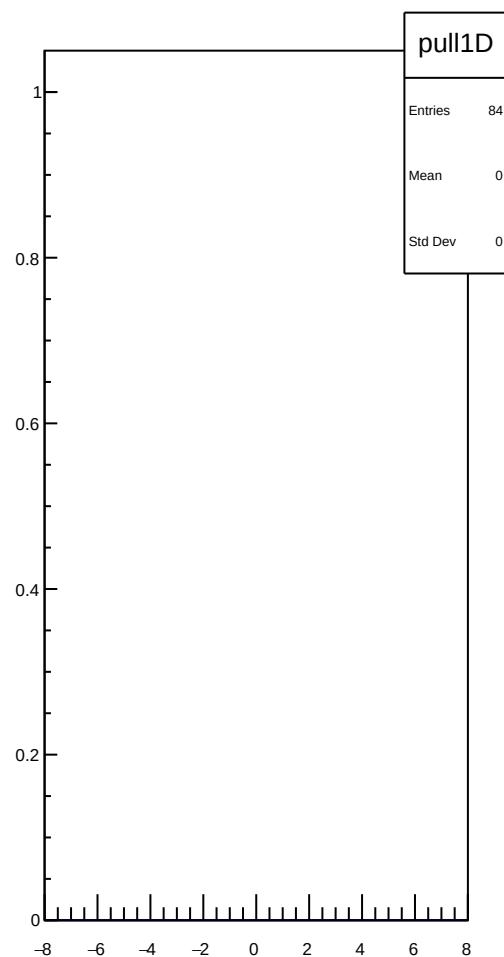
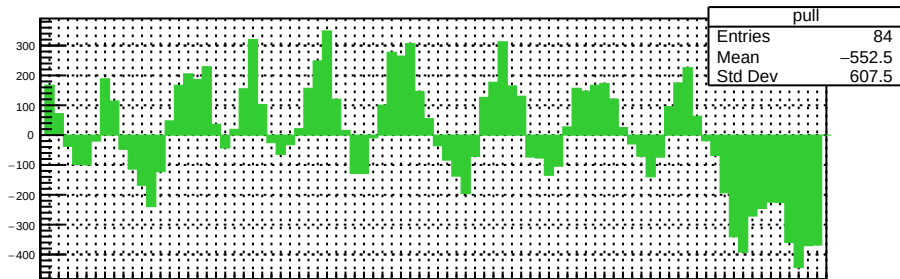
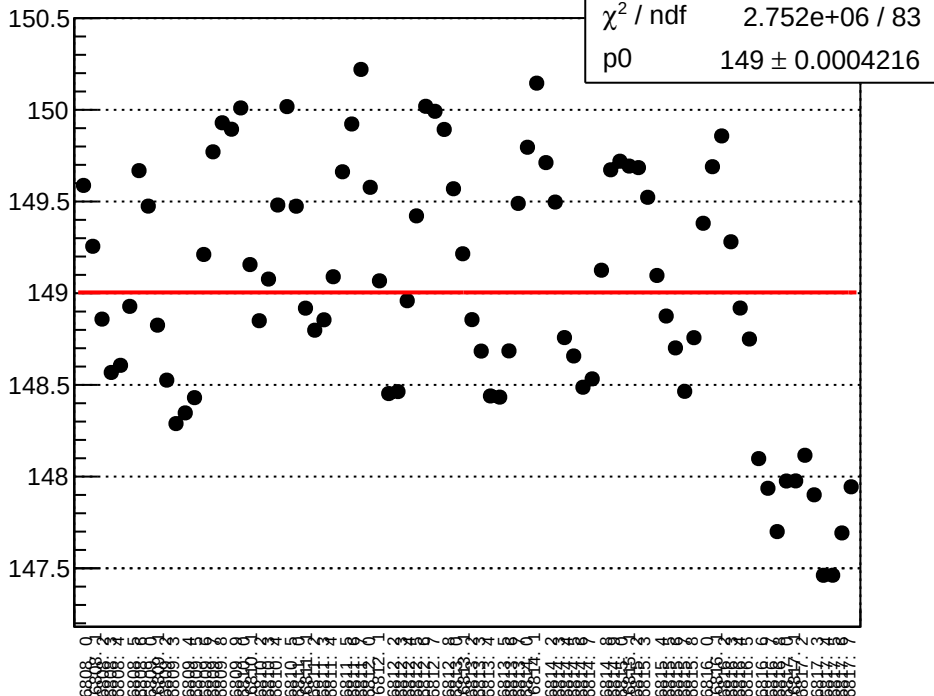
yield_bcm_an_us_mean vs run



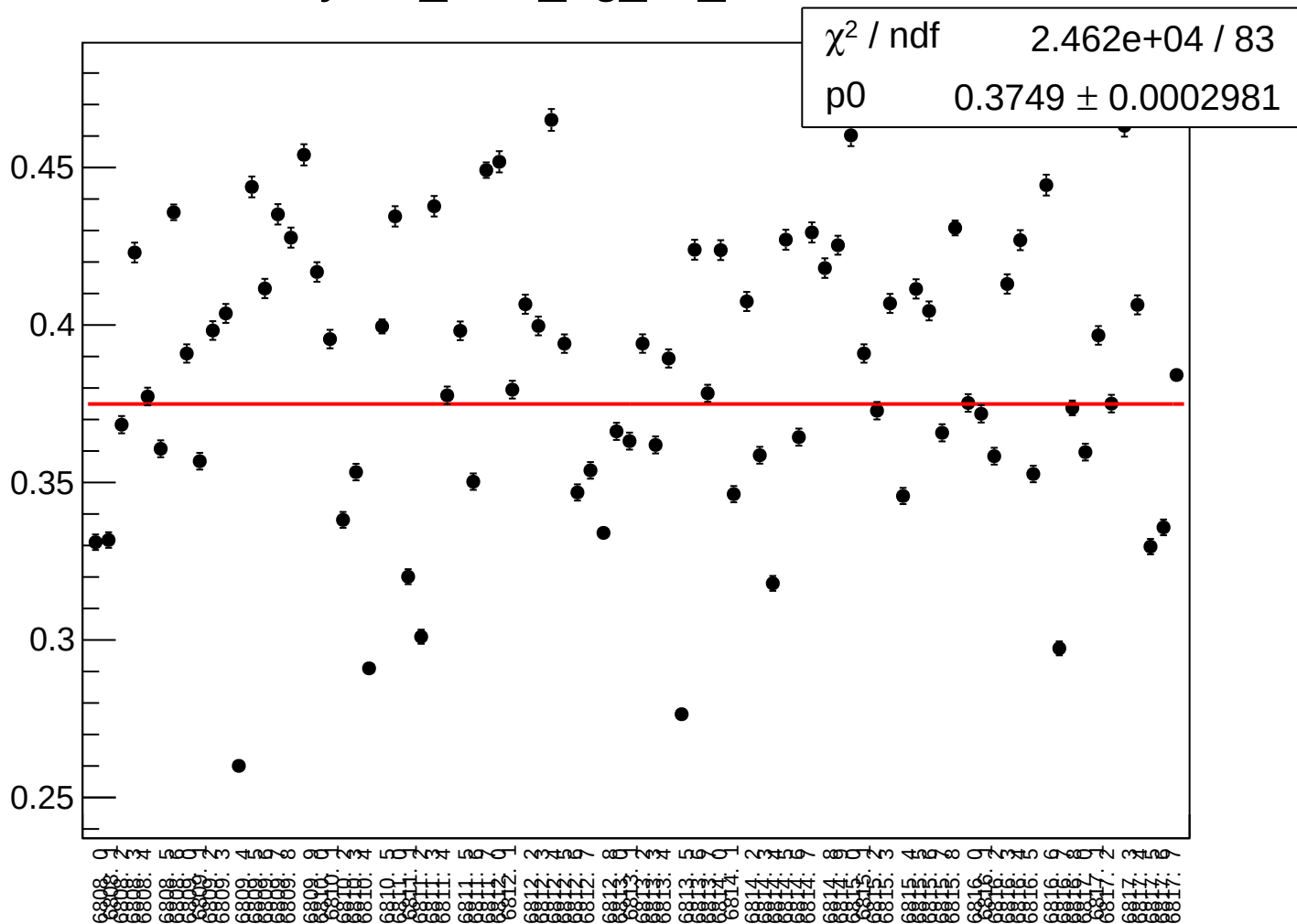
yield_bcm_an_us_rms vs run



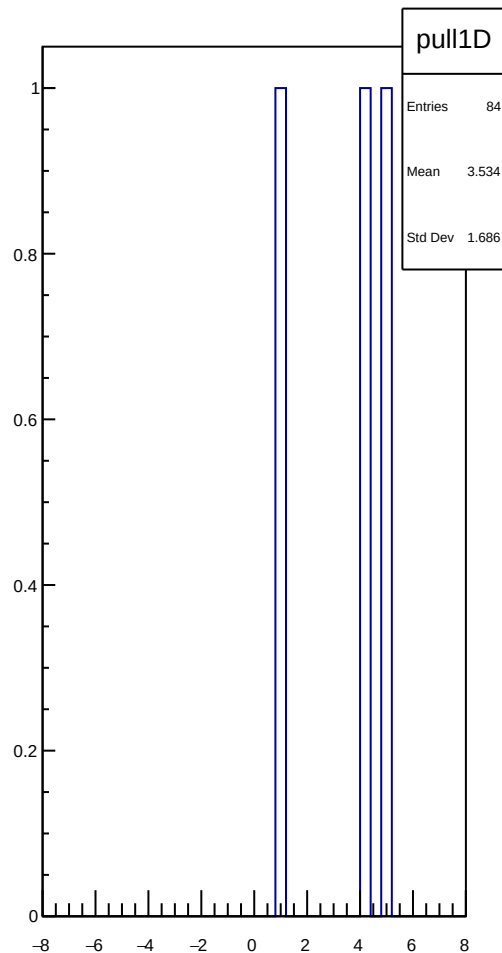
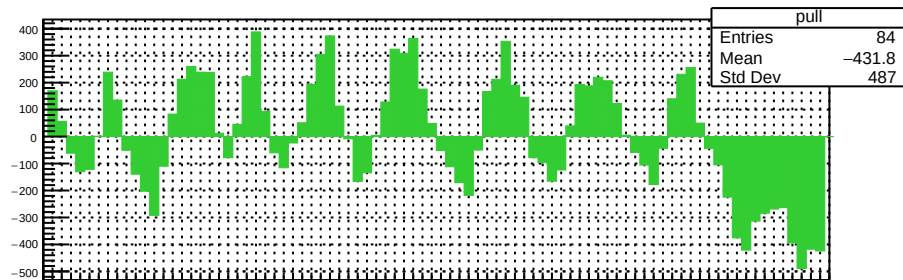
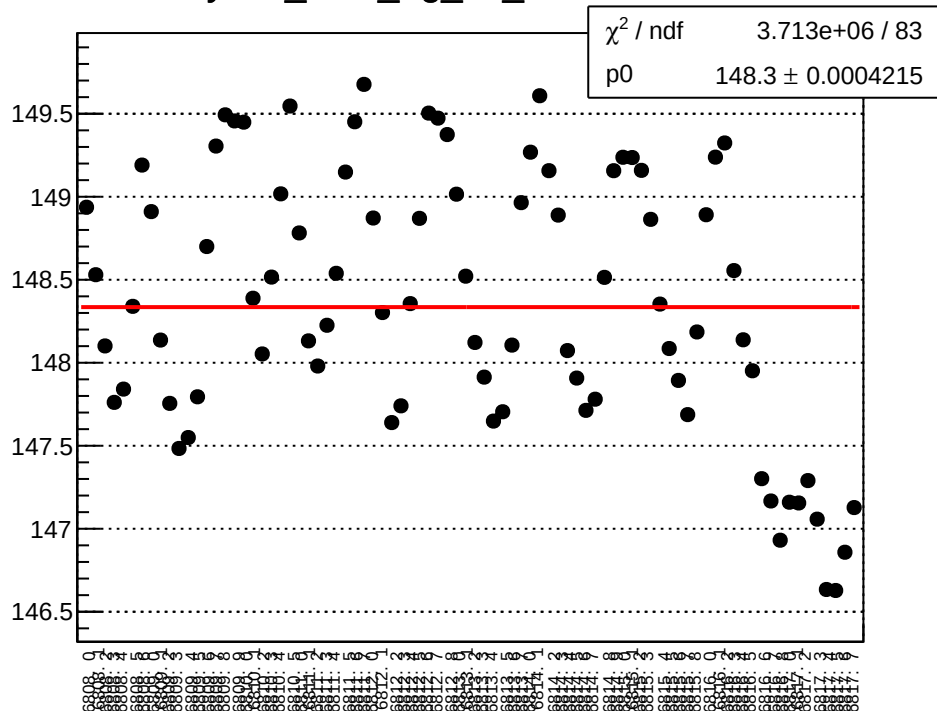
yield_bcm_dg_us_mean vs run



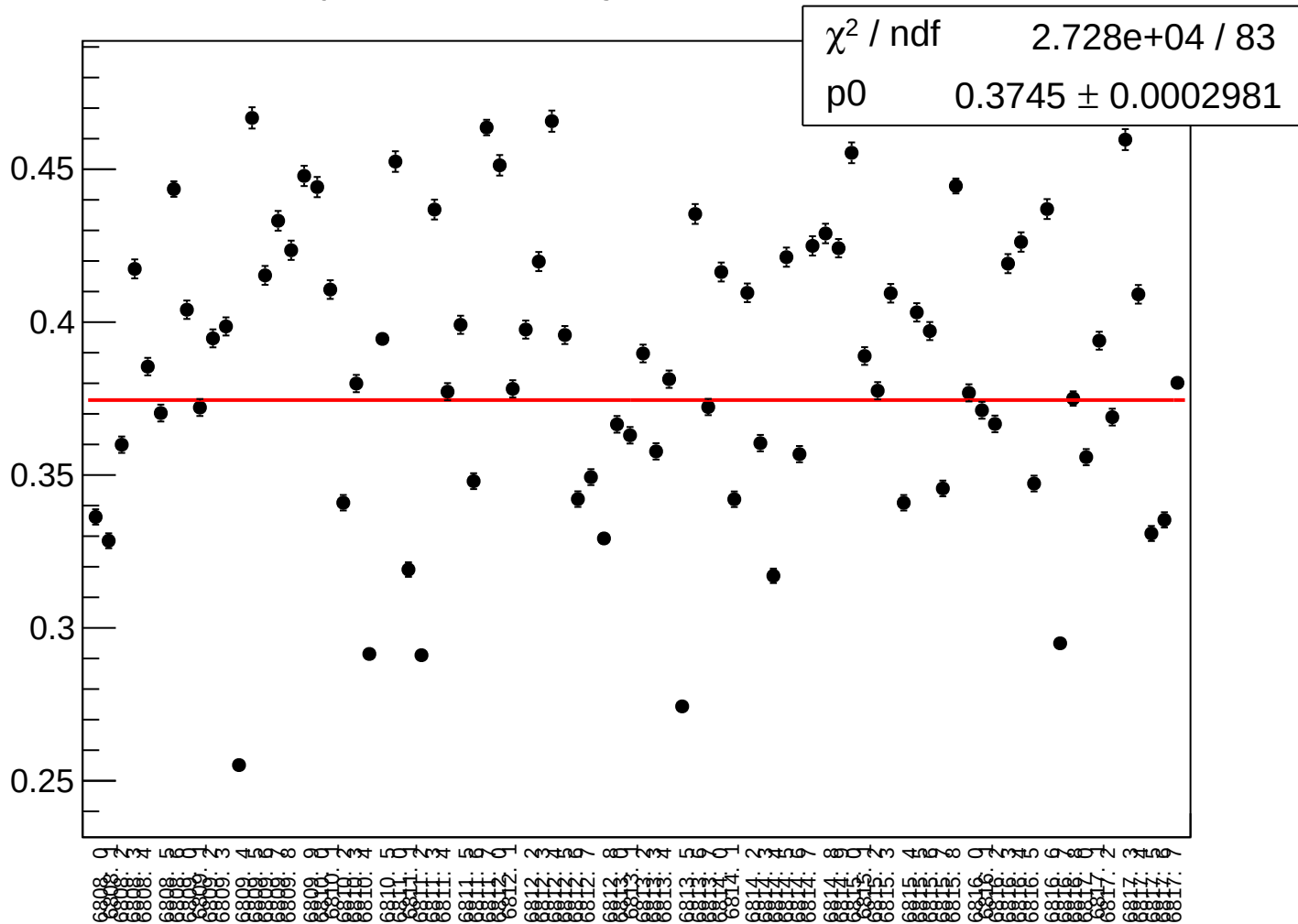
yield_bcm_dg_us_rms vs run



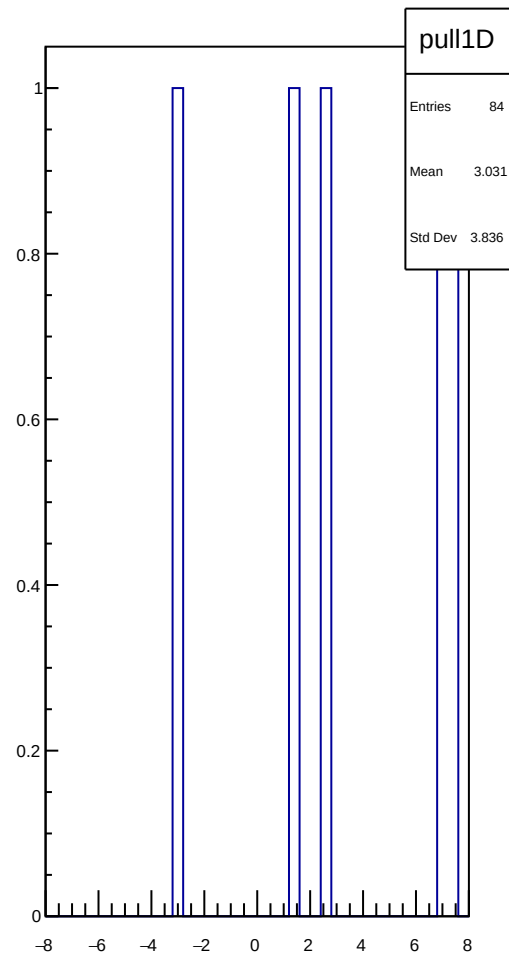
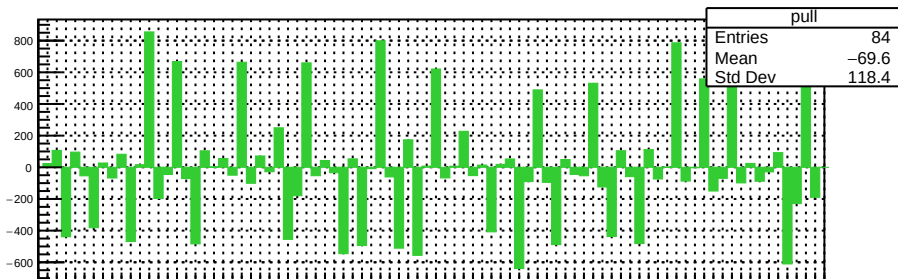
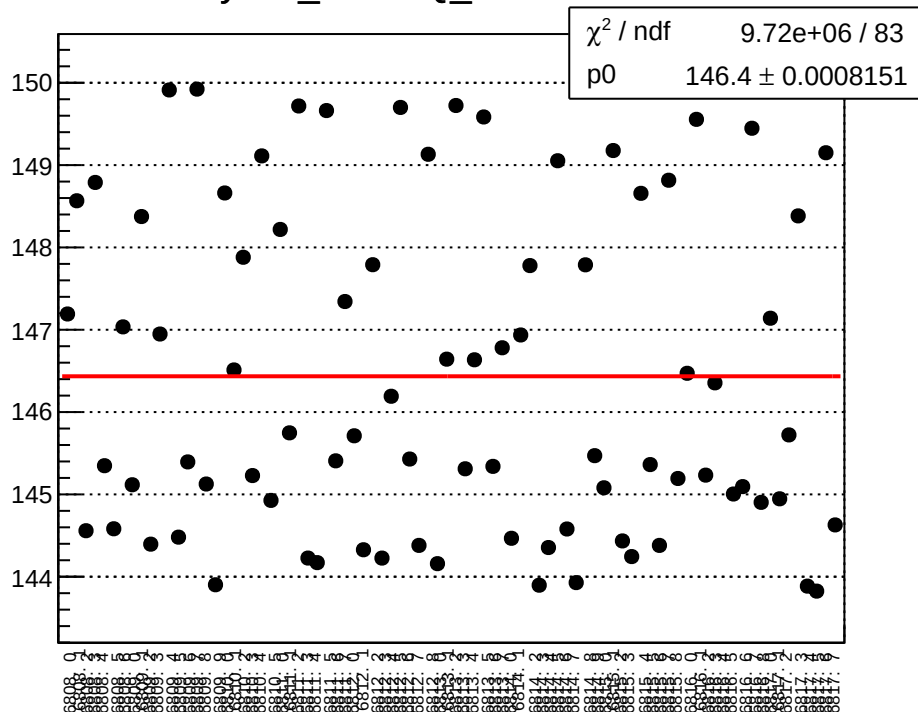
yield_bcm_dg_ds_mean vs run



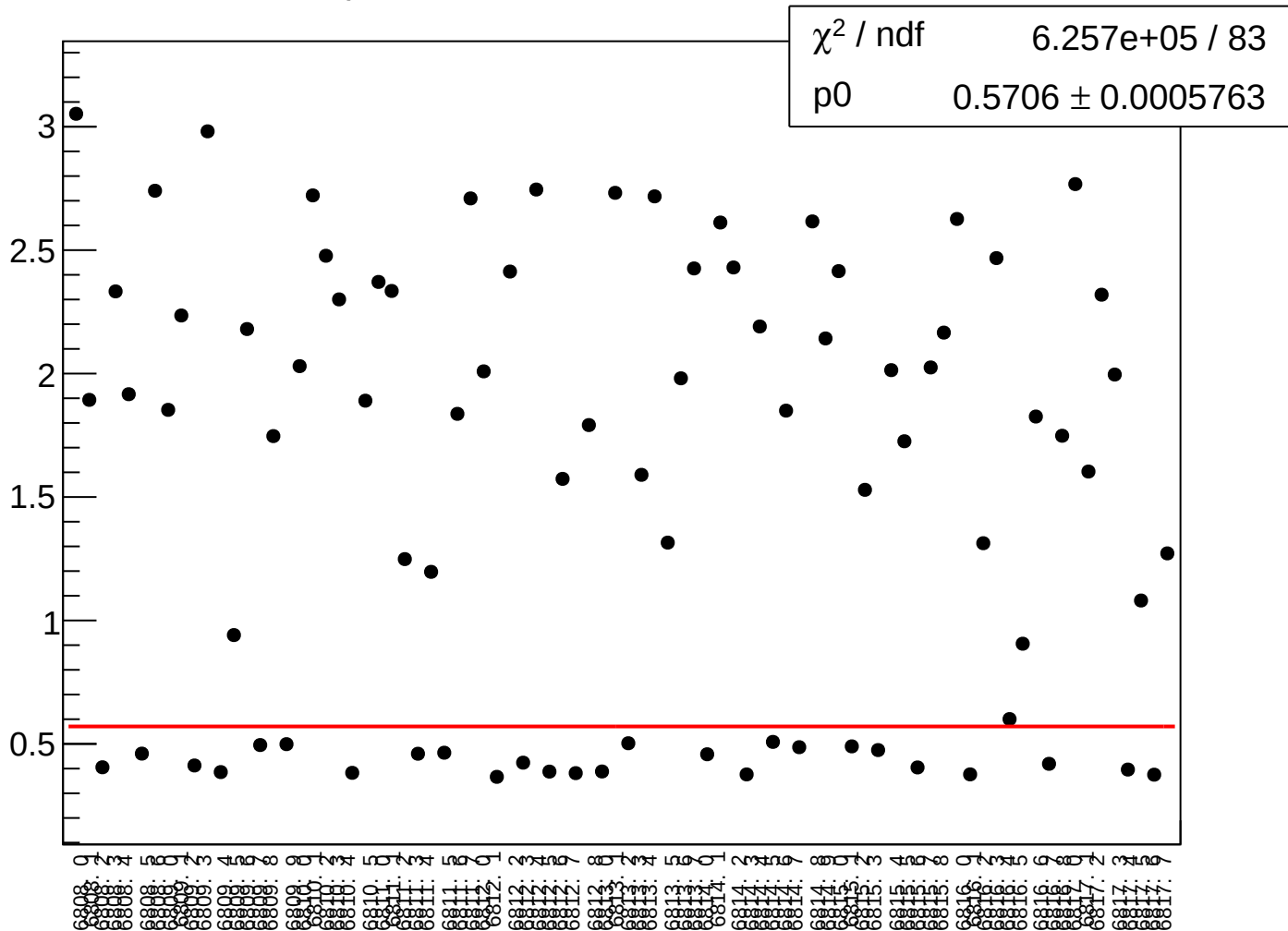
yield_bcm_dg_ds_rms vs run



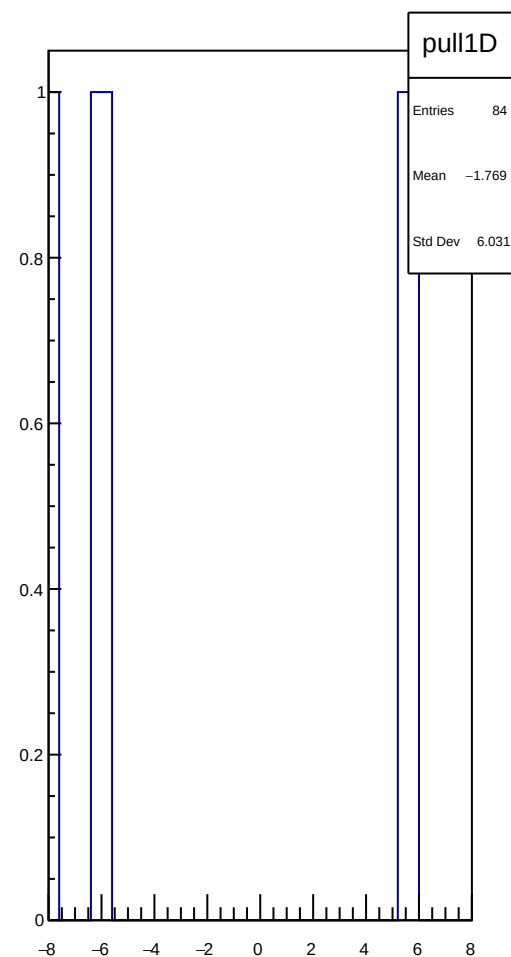
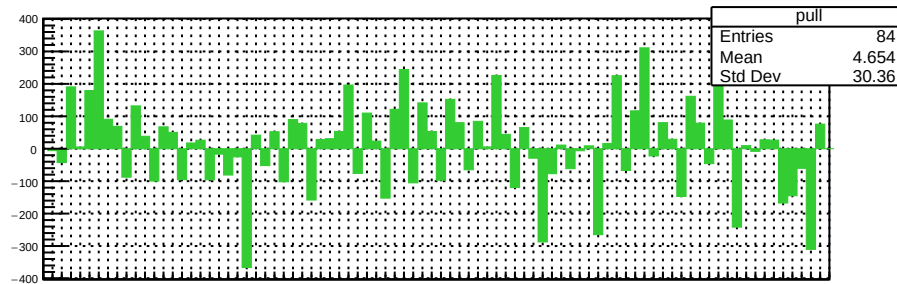
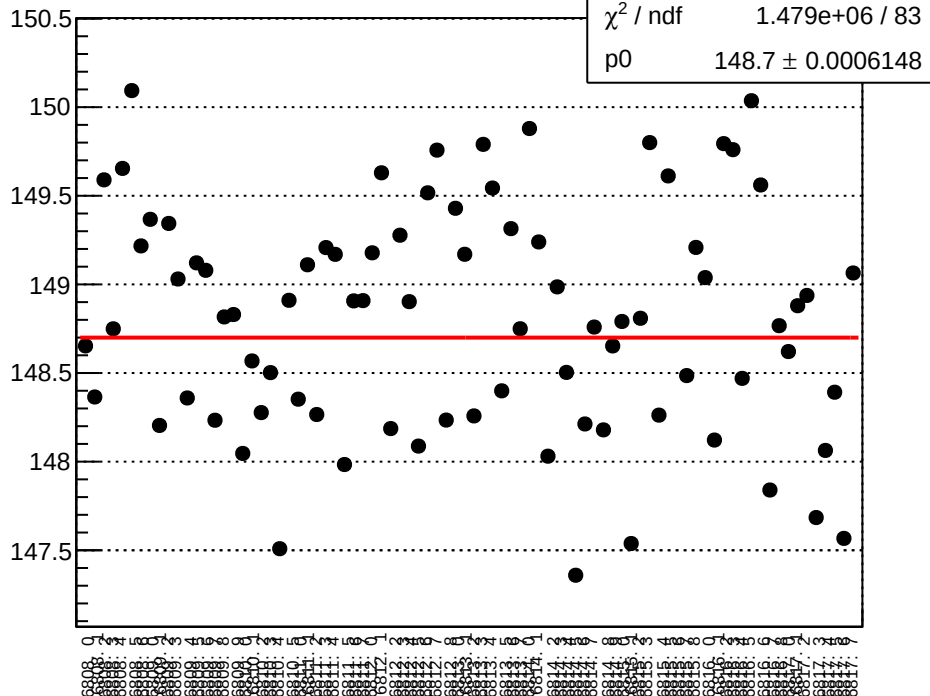
yield_cav4bQ_mean vs run



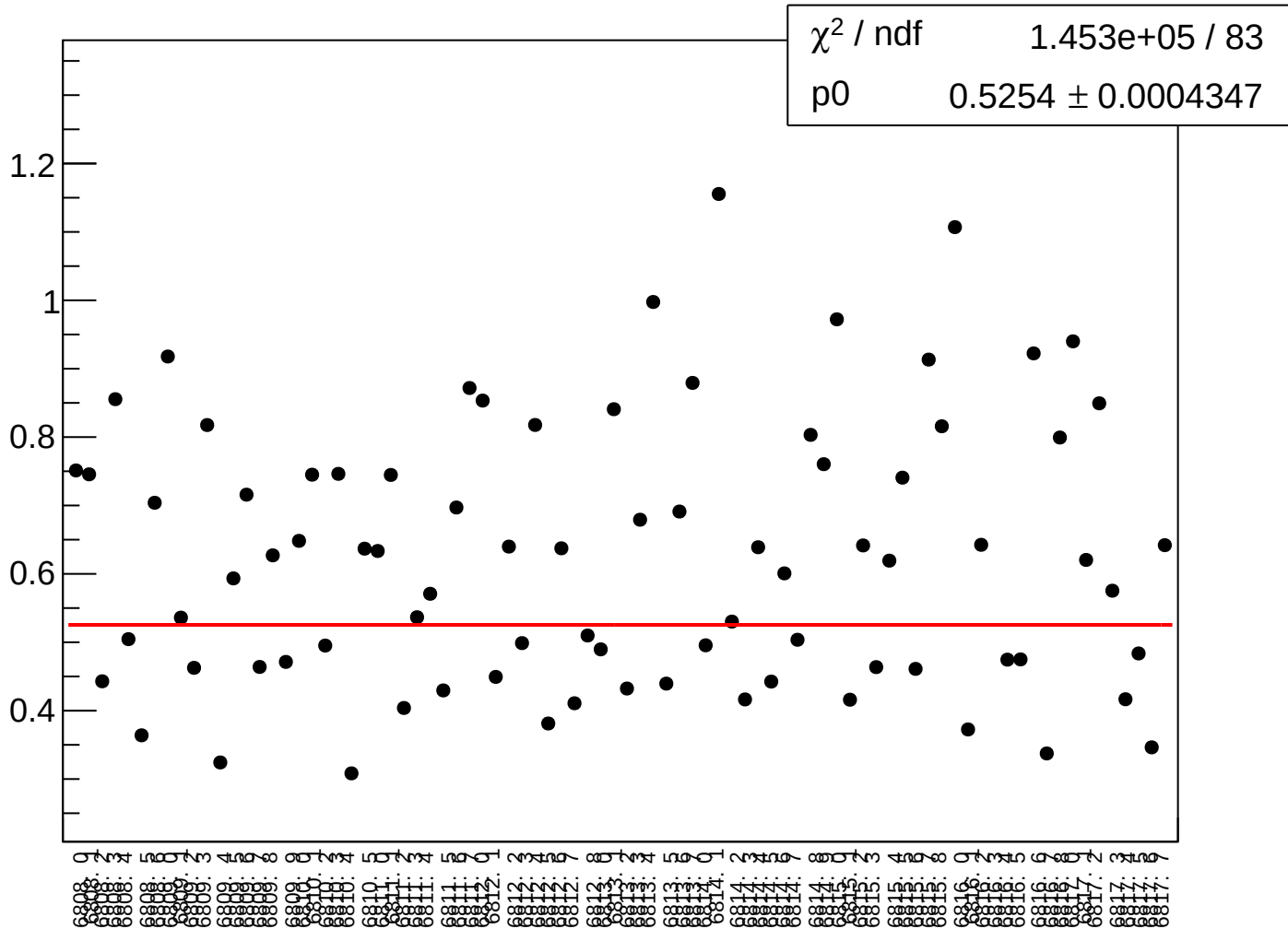
yield_cav4bQ_rms vs run



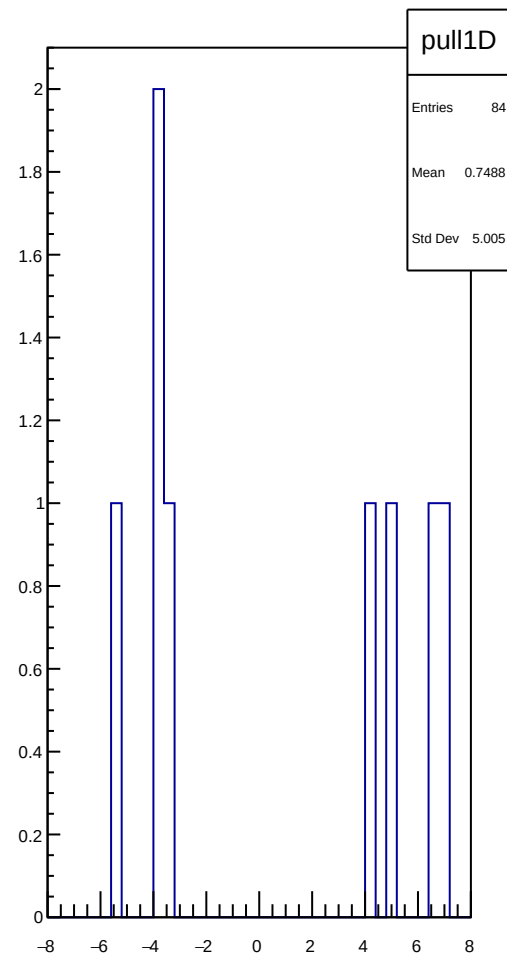
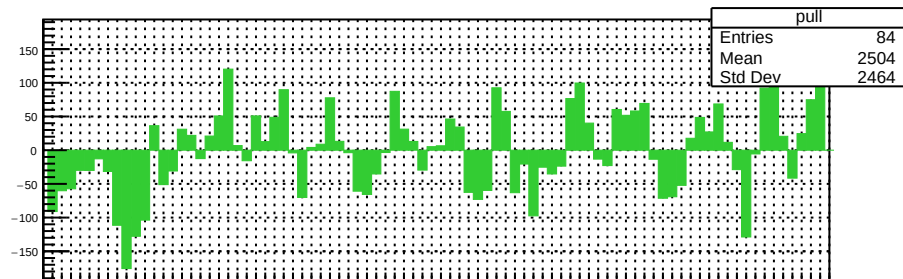
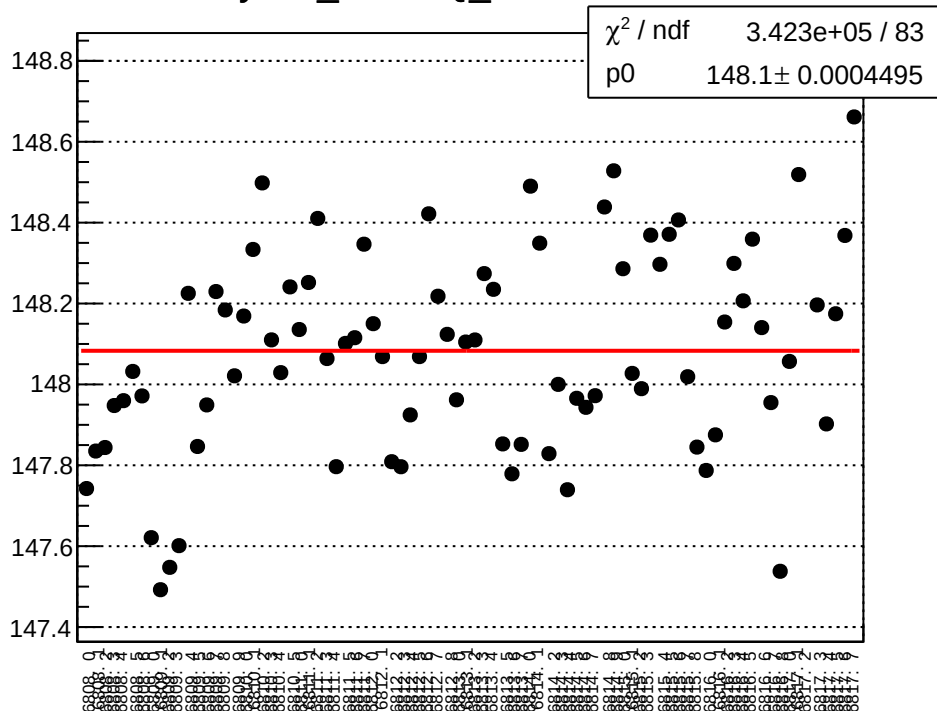
yield_cav4cQ_mean vs run



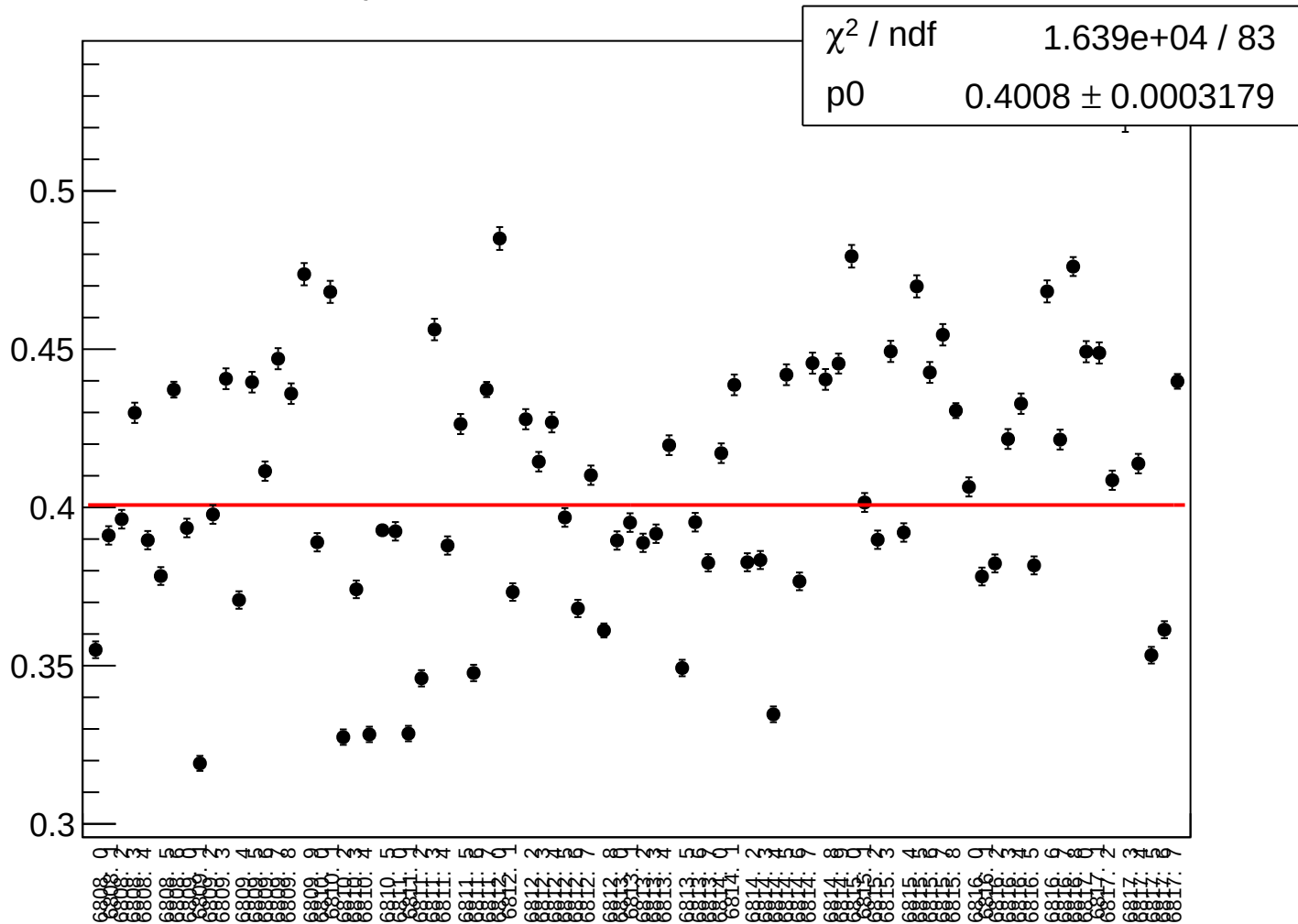
yield_cav4cQ_rms vs run



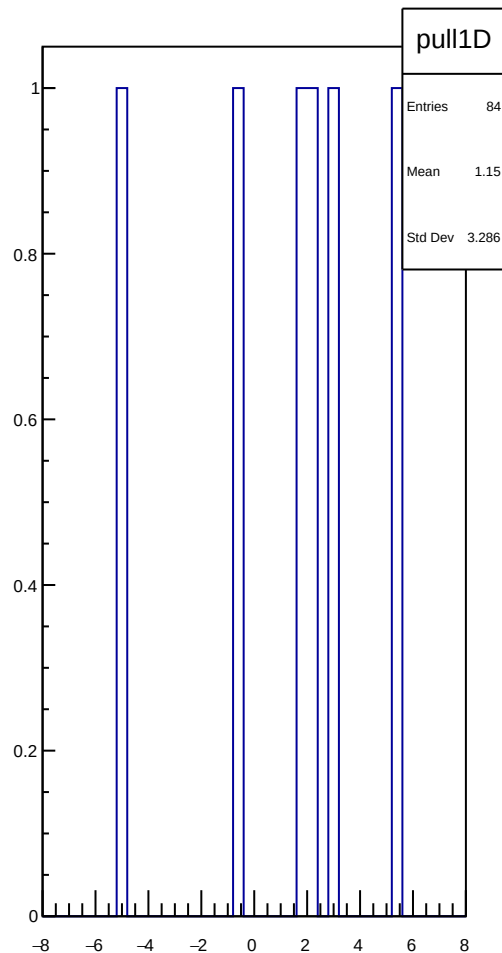
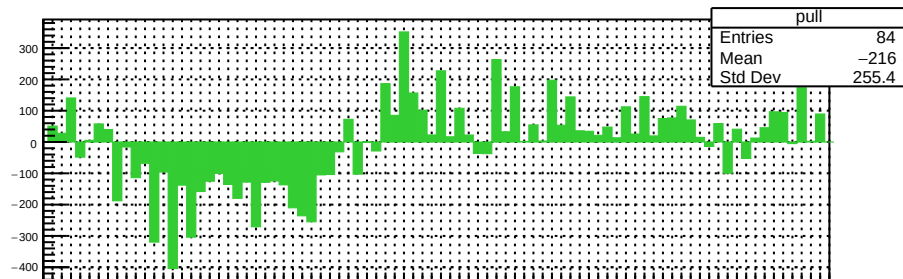
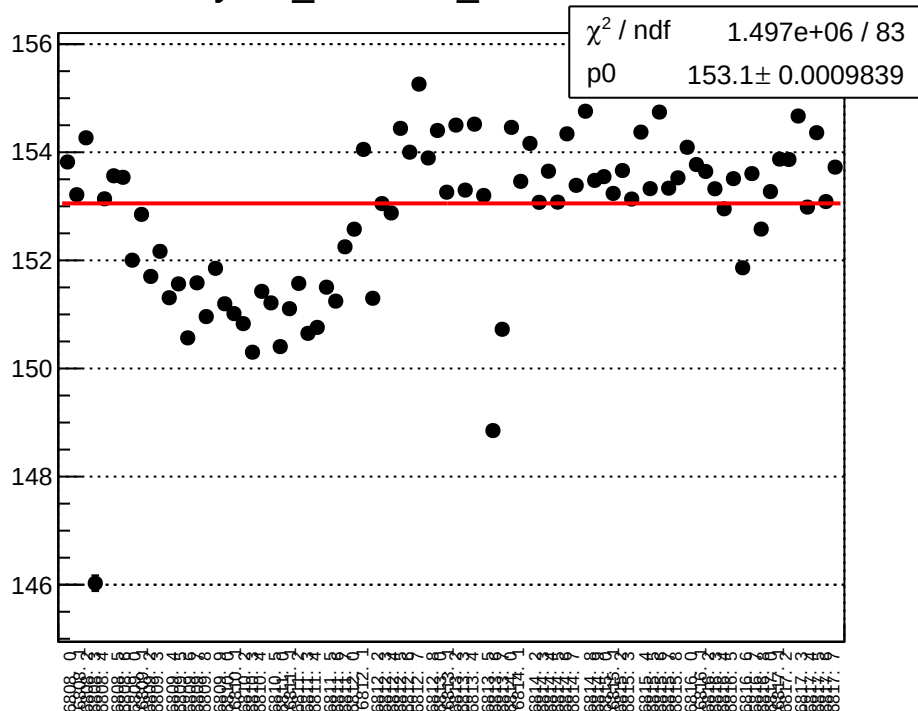
yield_cav4dQ_mean vs run



yield_cav4dQ_rms vs run



yield_bcm0l02_mean vs run



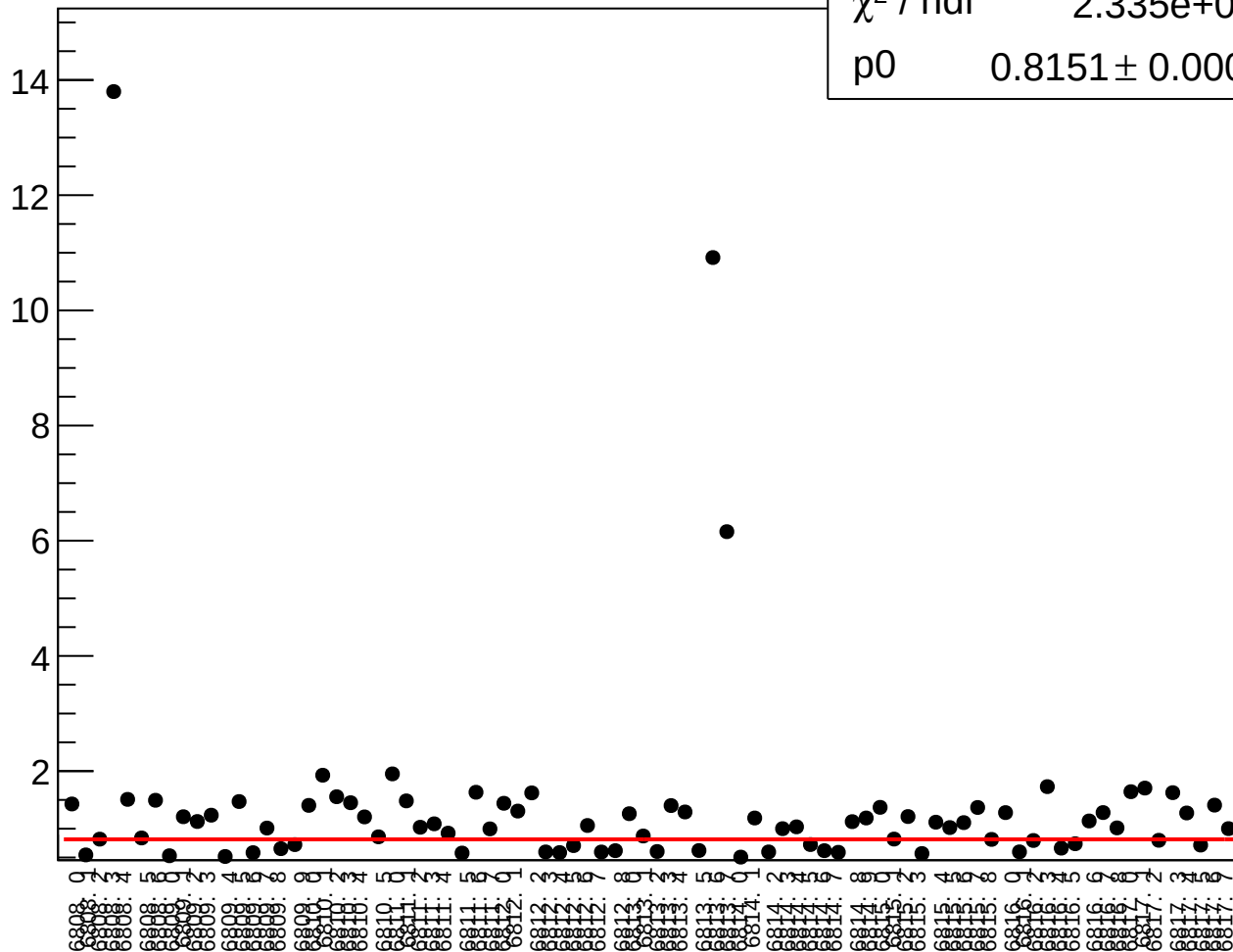
yield_bcm0l02_rms vs run

χ^2 / ndf

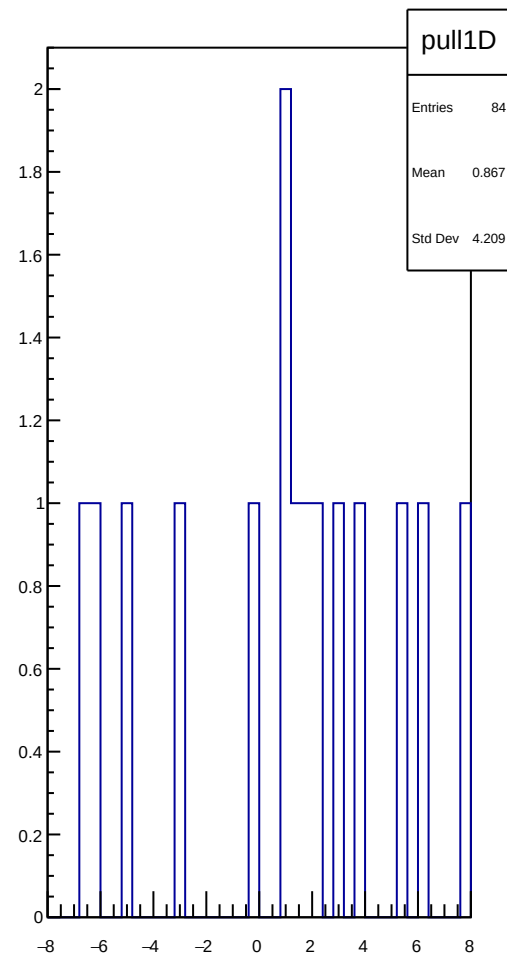
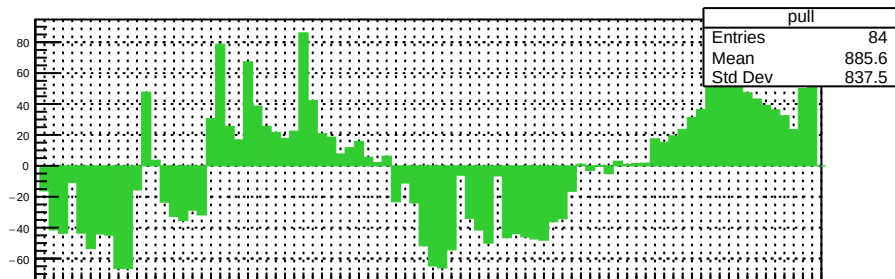
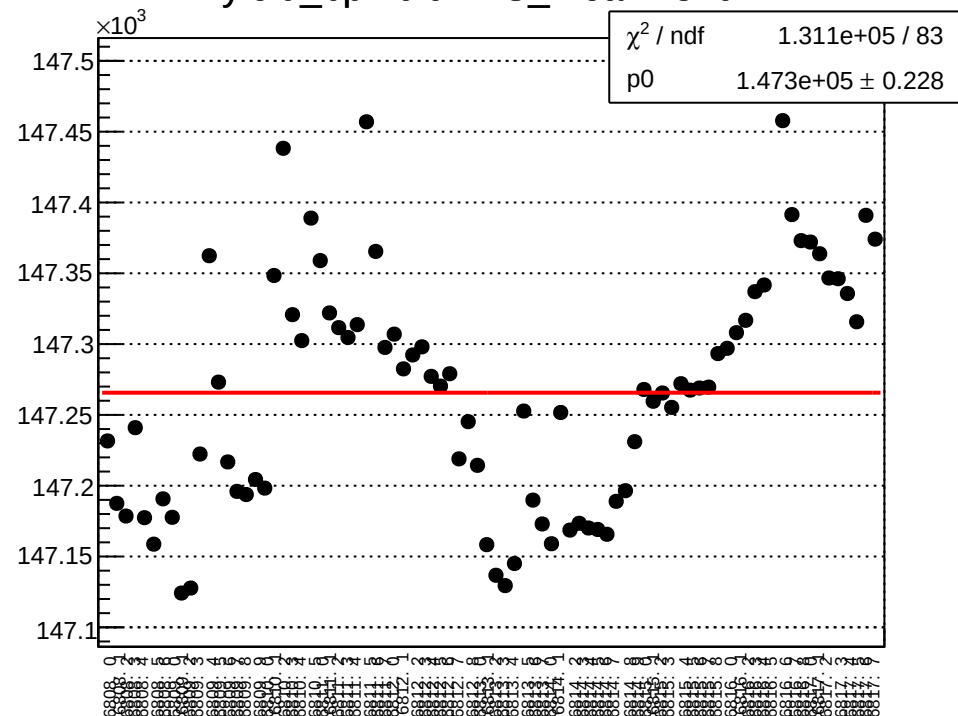
2.335e+05 / 83

p0

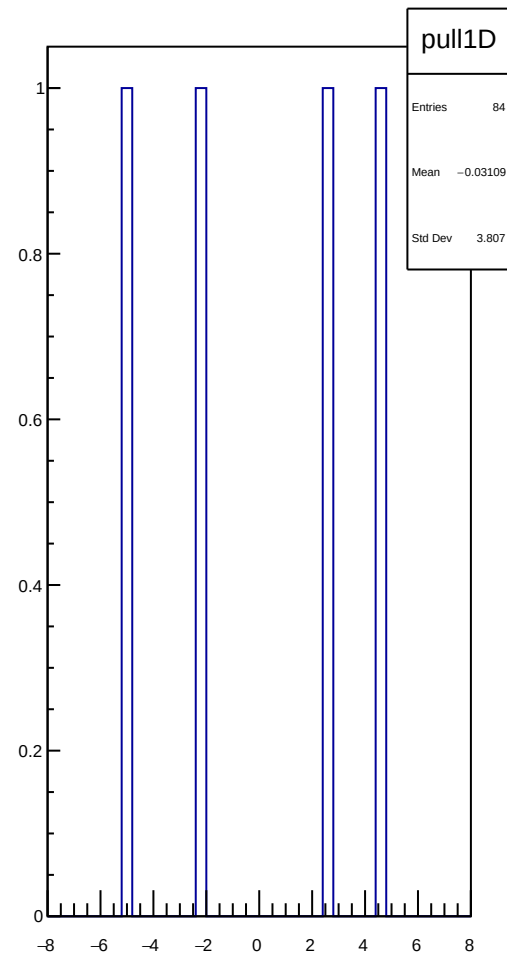
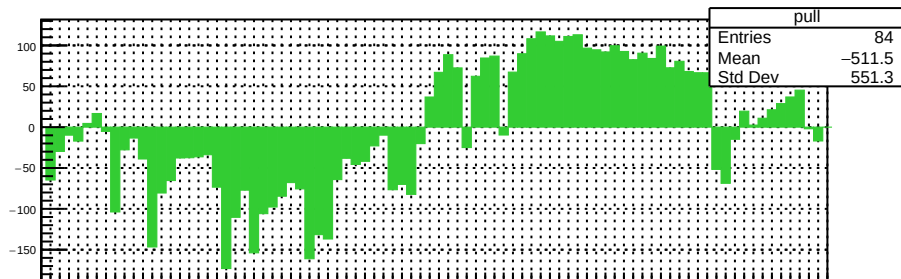
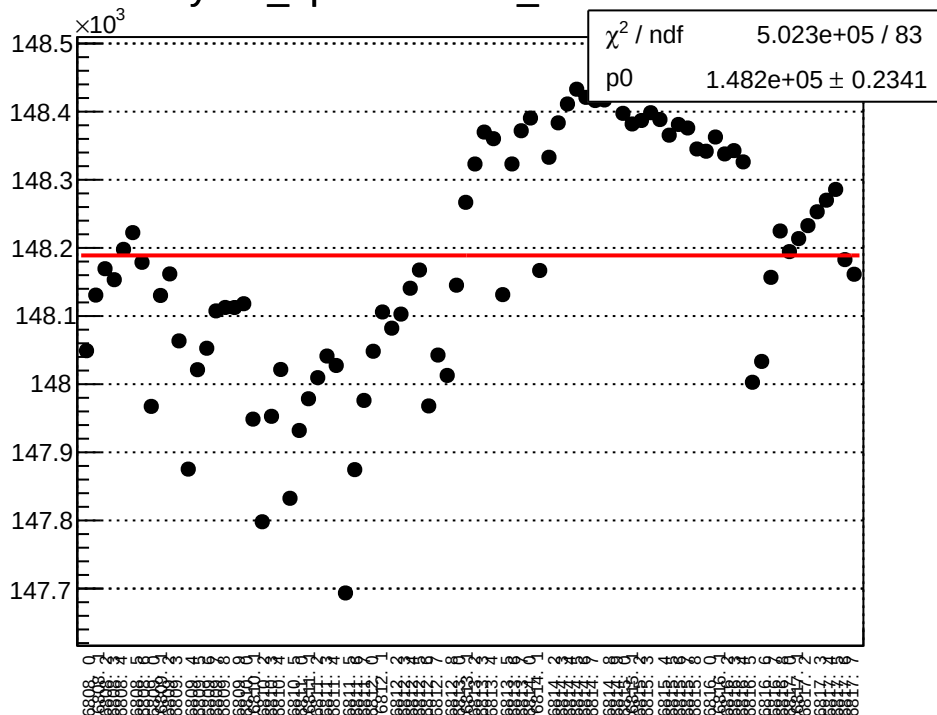
0.8151 ± 0.0006957



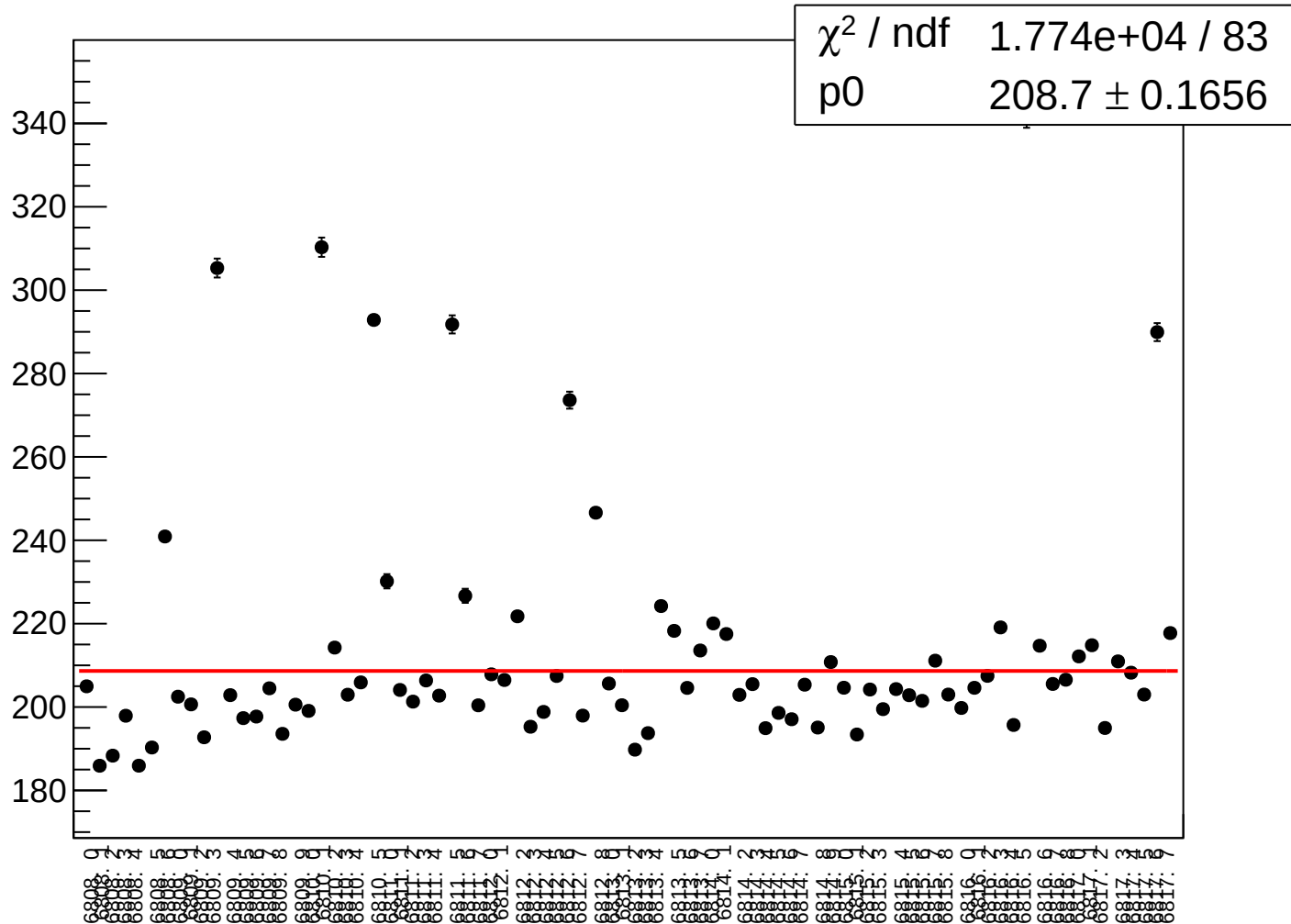
yield_bpm0i01WS_mean vs run



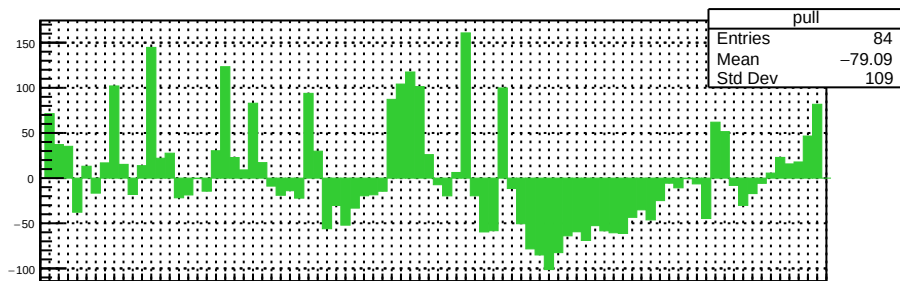
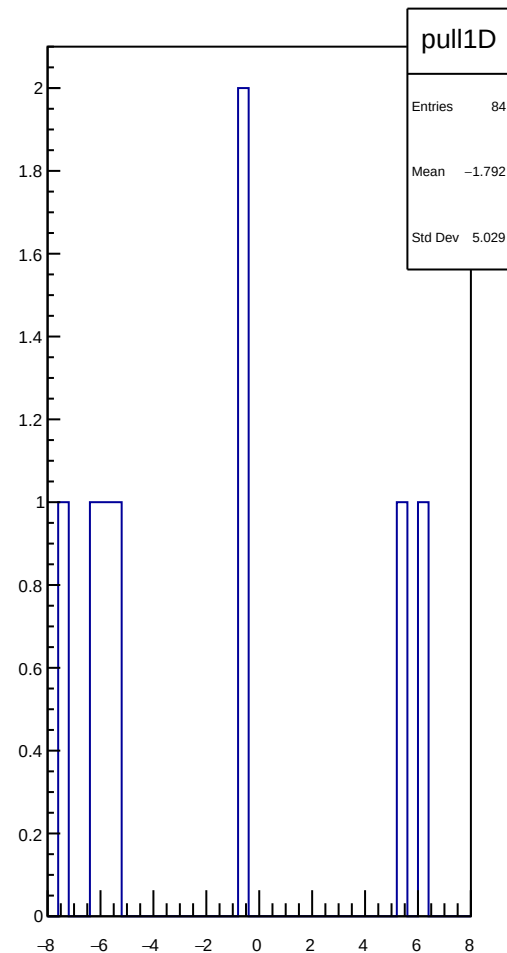
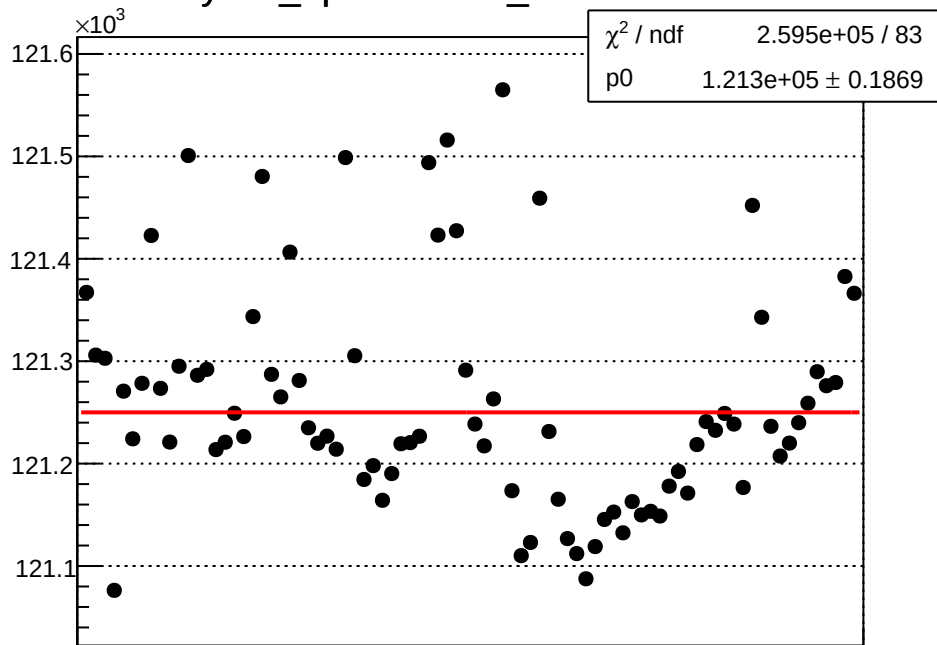
yield_bpm0i01aWS_mean vs run



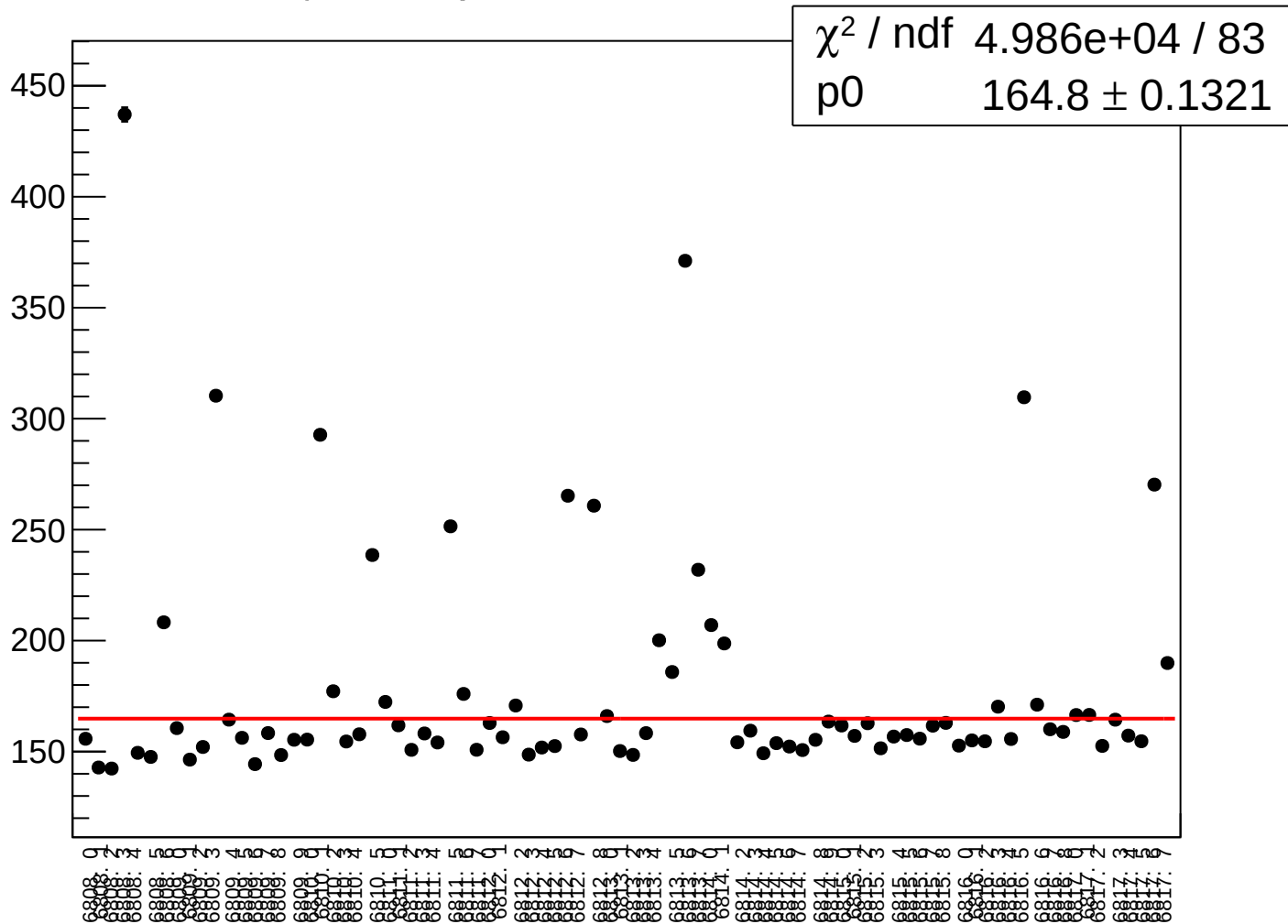
yield_bpm0i01aWS_rms vs run



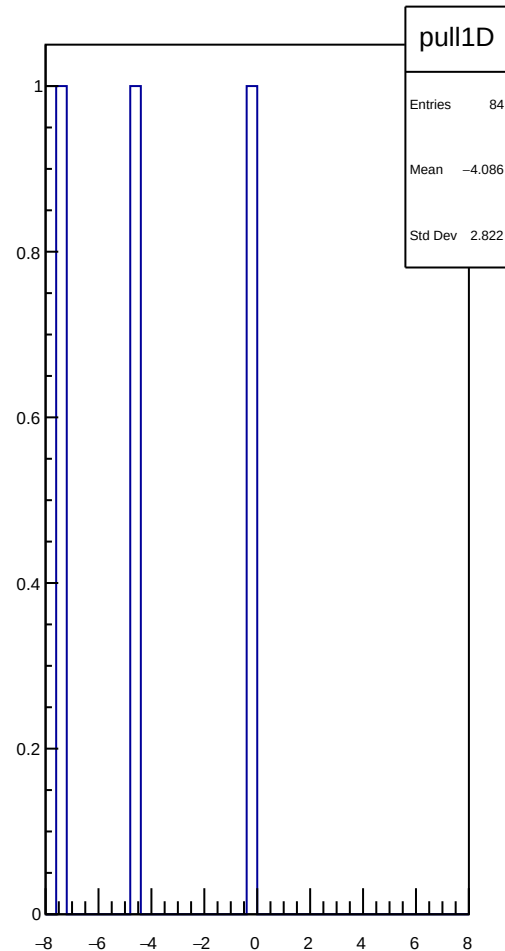
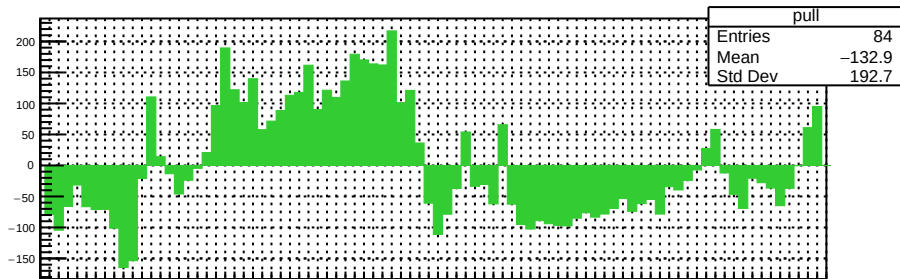
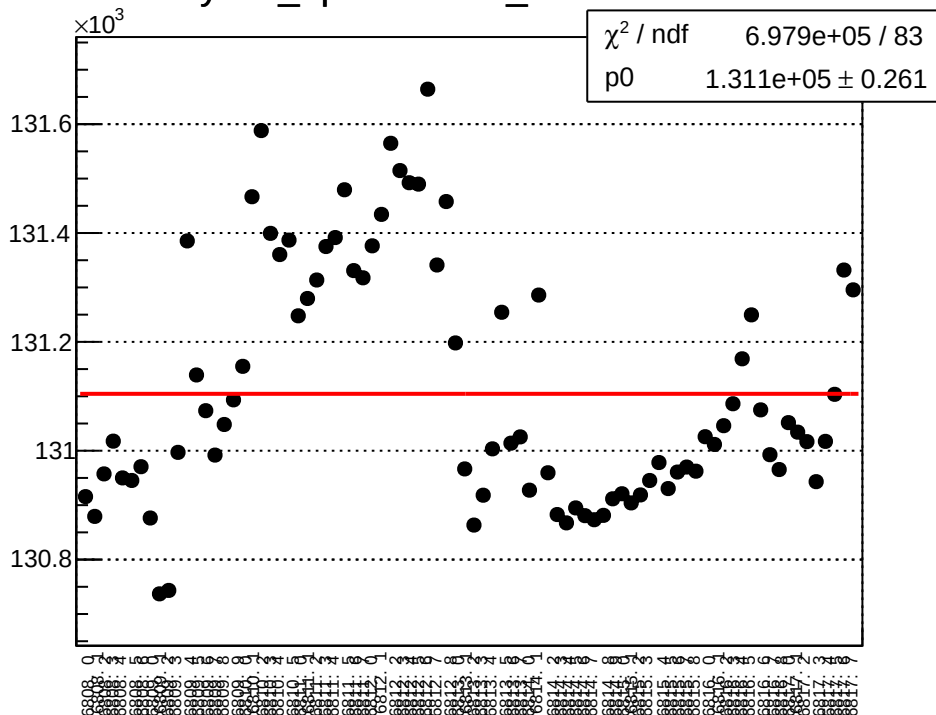
yield_bpm0l01WS_mean vs run



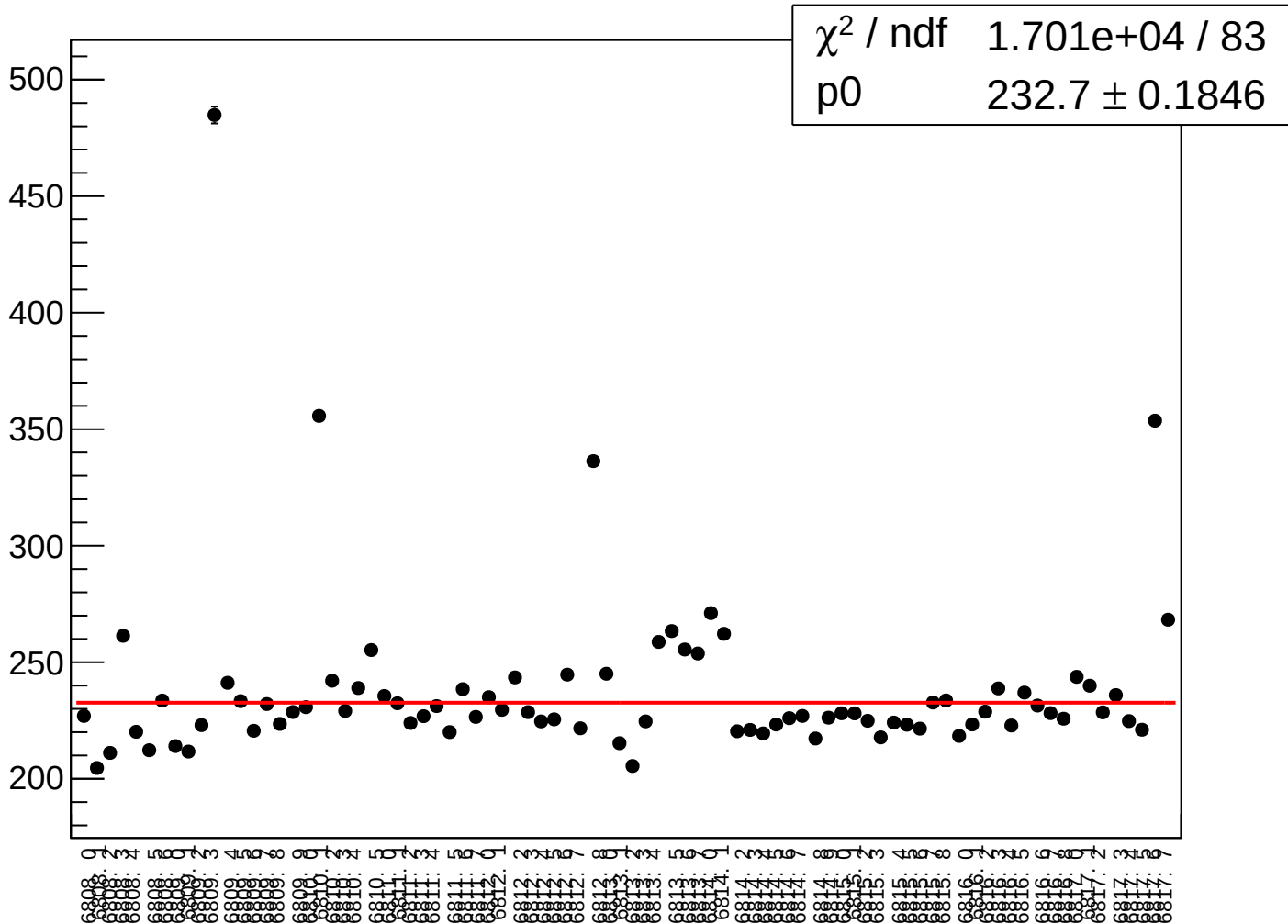
yield_bpm0l01WS_rms vs run



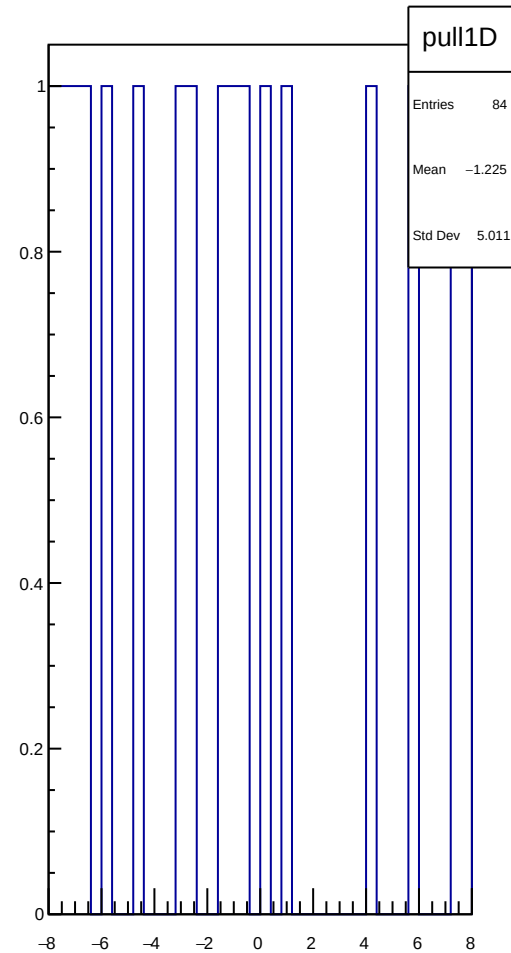
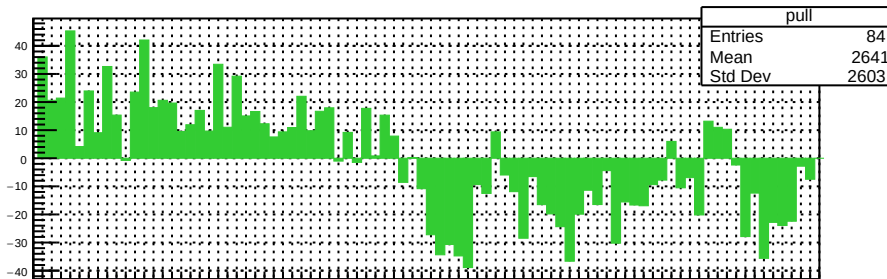
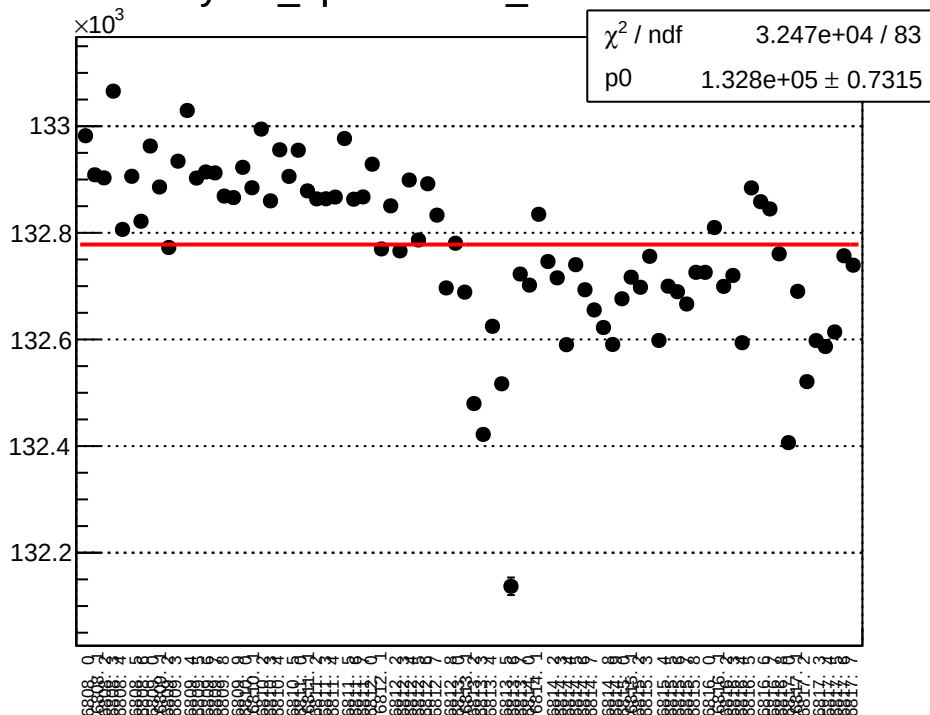
yield_bpm0l02WS_mean vs run



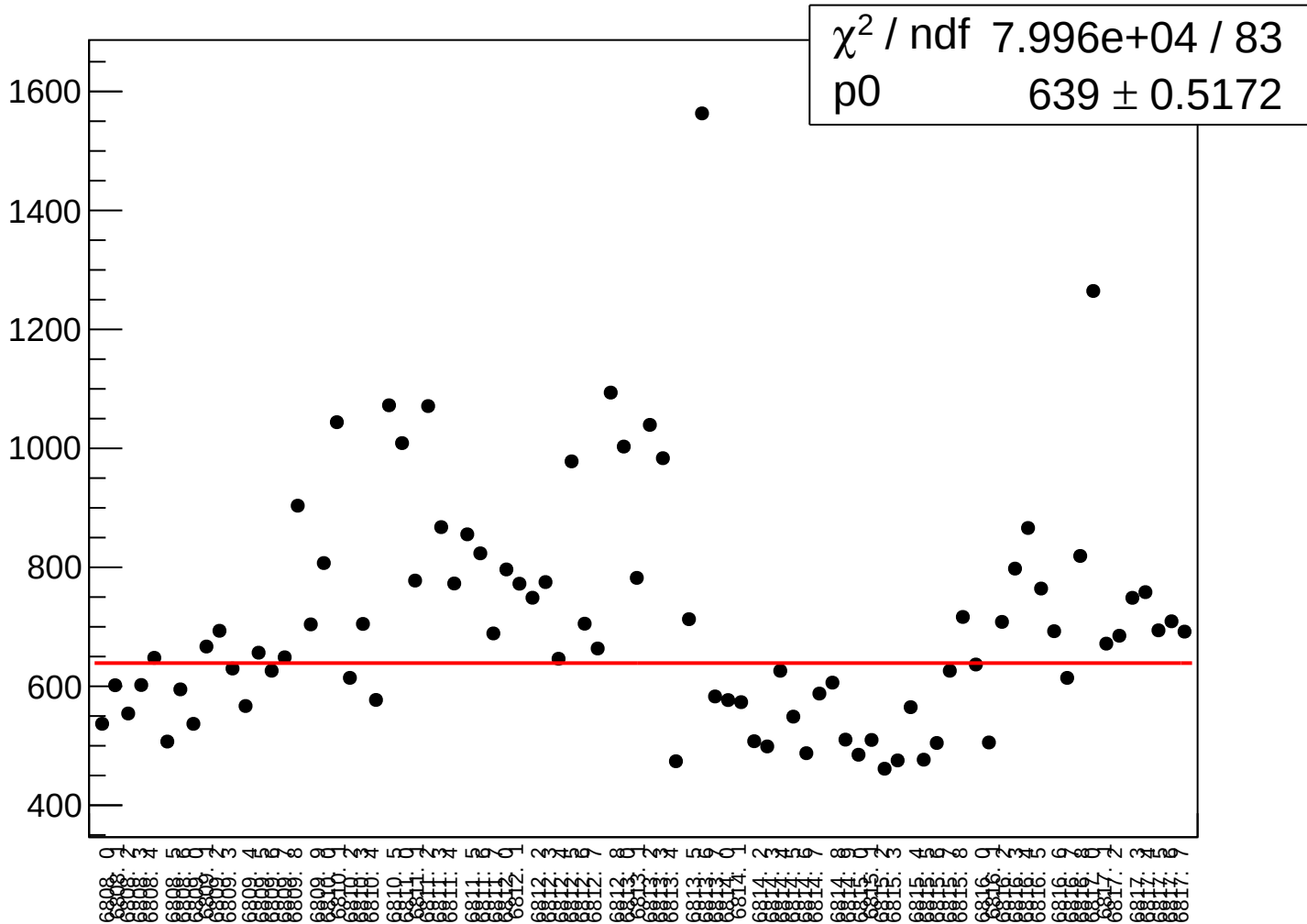
yield_bpm0l02WS_rms vs run



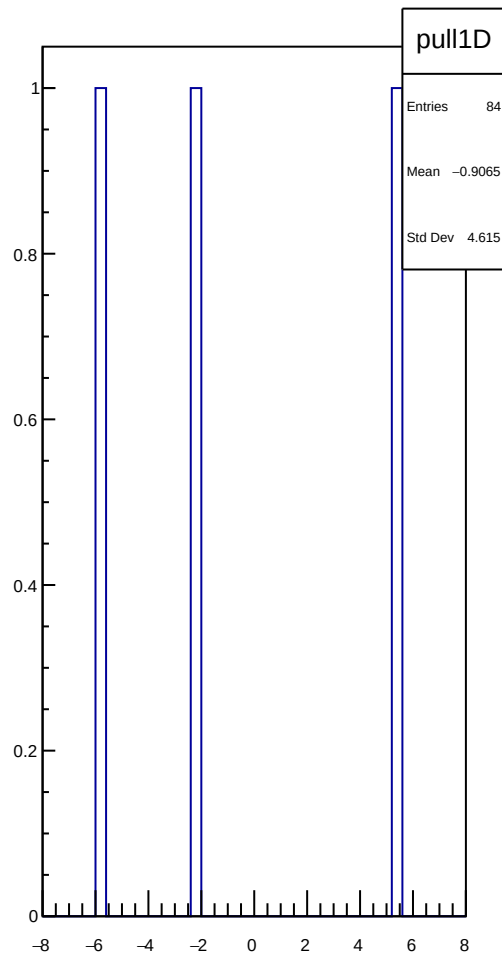
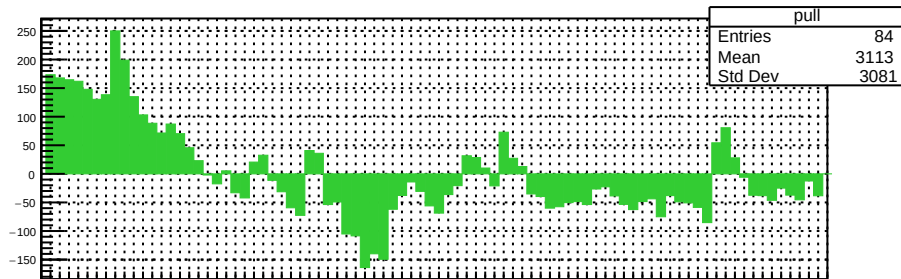
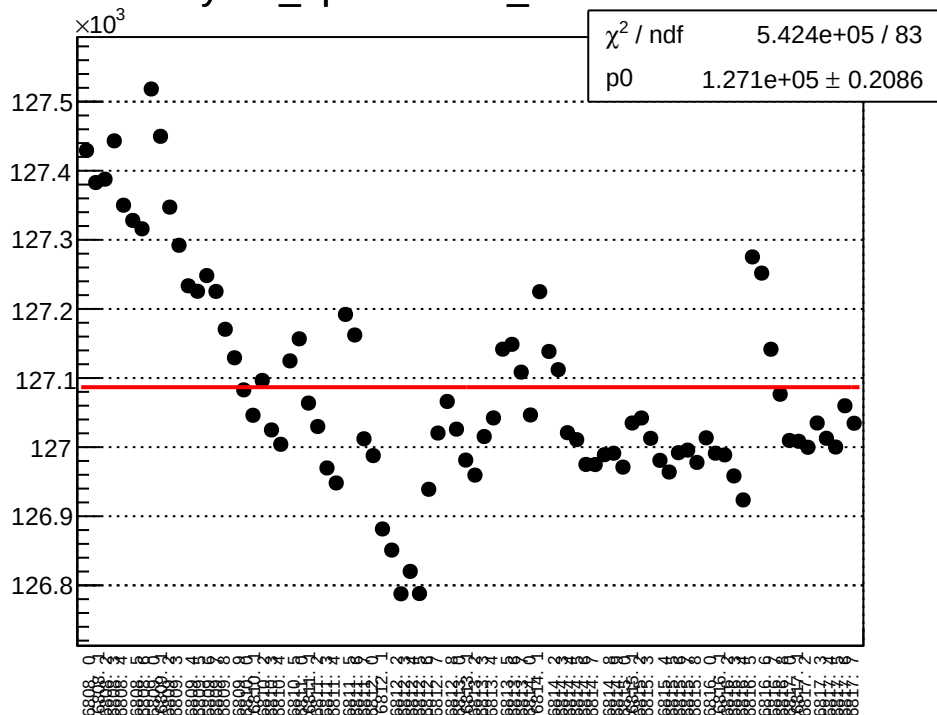
yield_bpm0l03WS_mean vs run



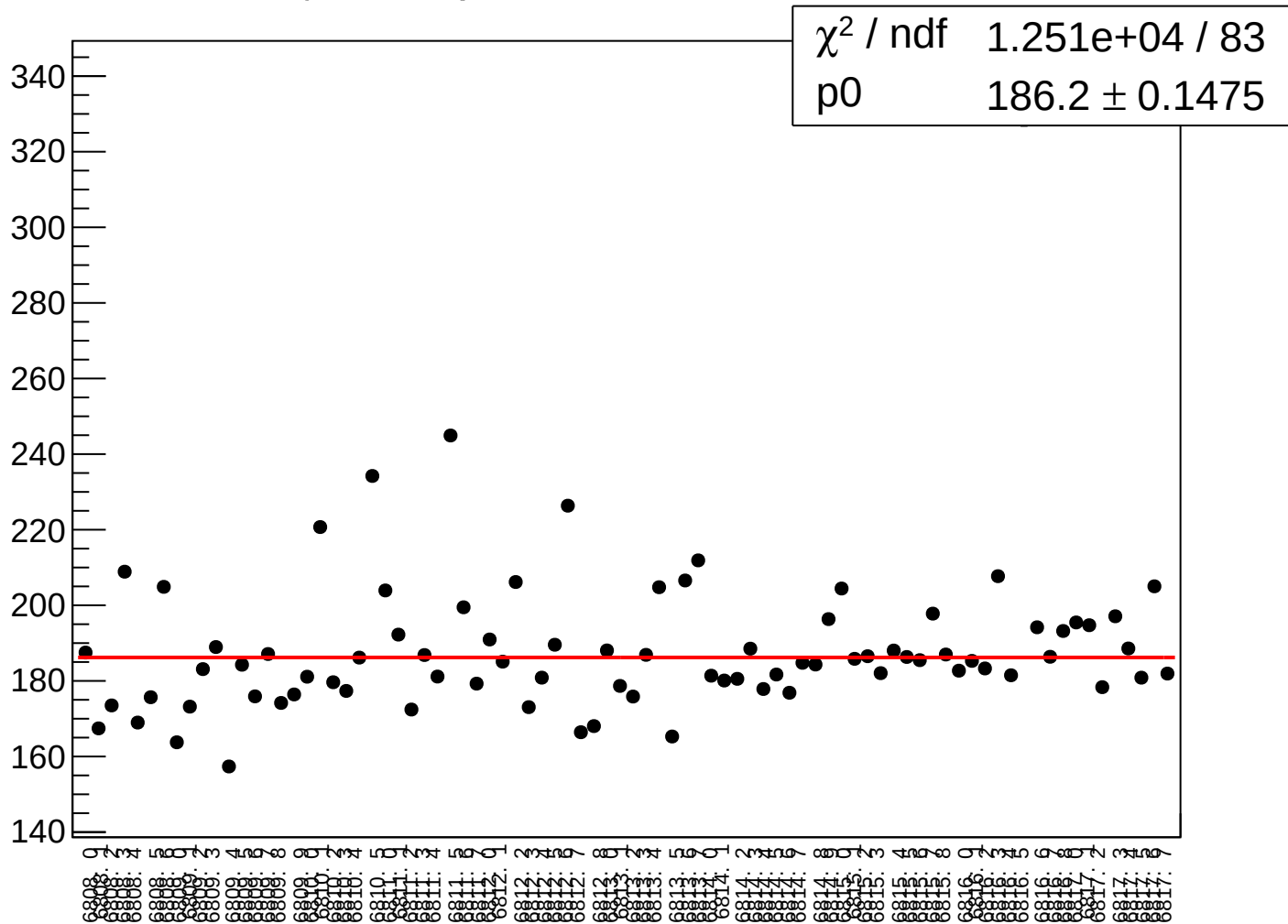
yield_bpm0l03WS_rms vs run



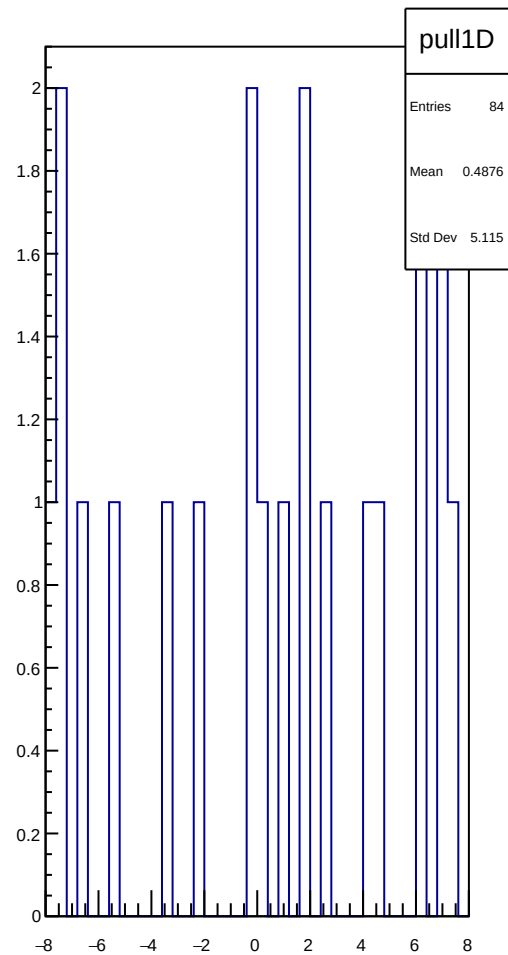
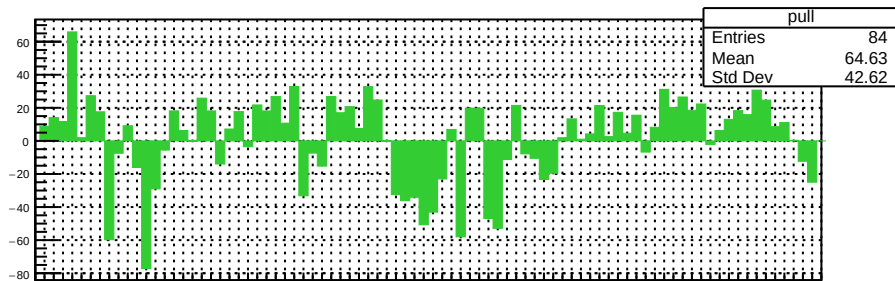
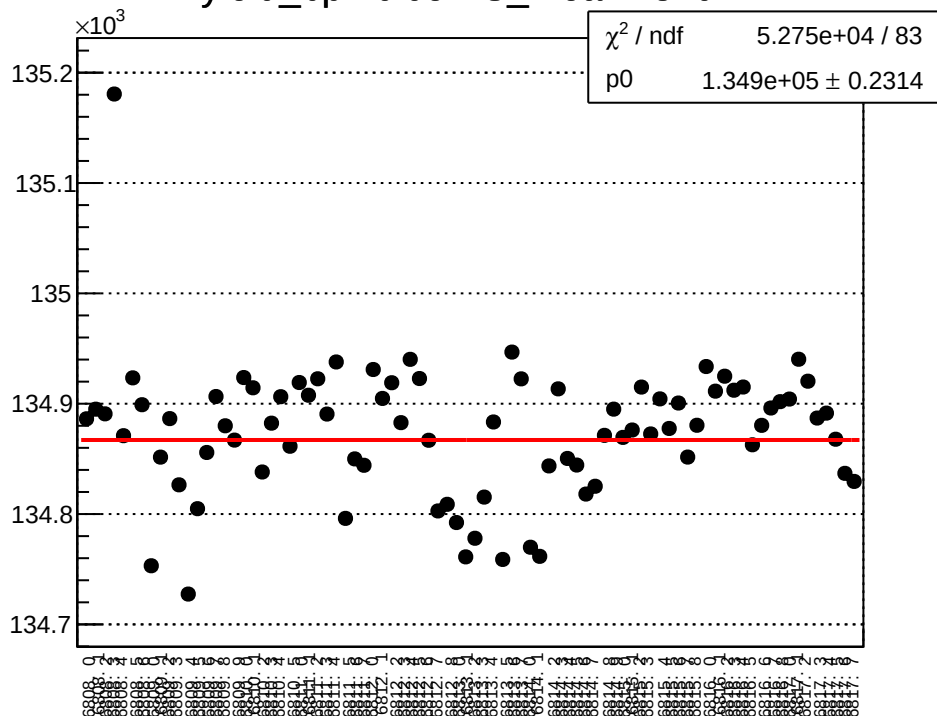
yield_bpm0l04WS_mean vs run



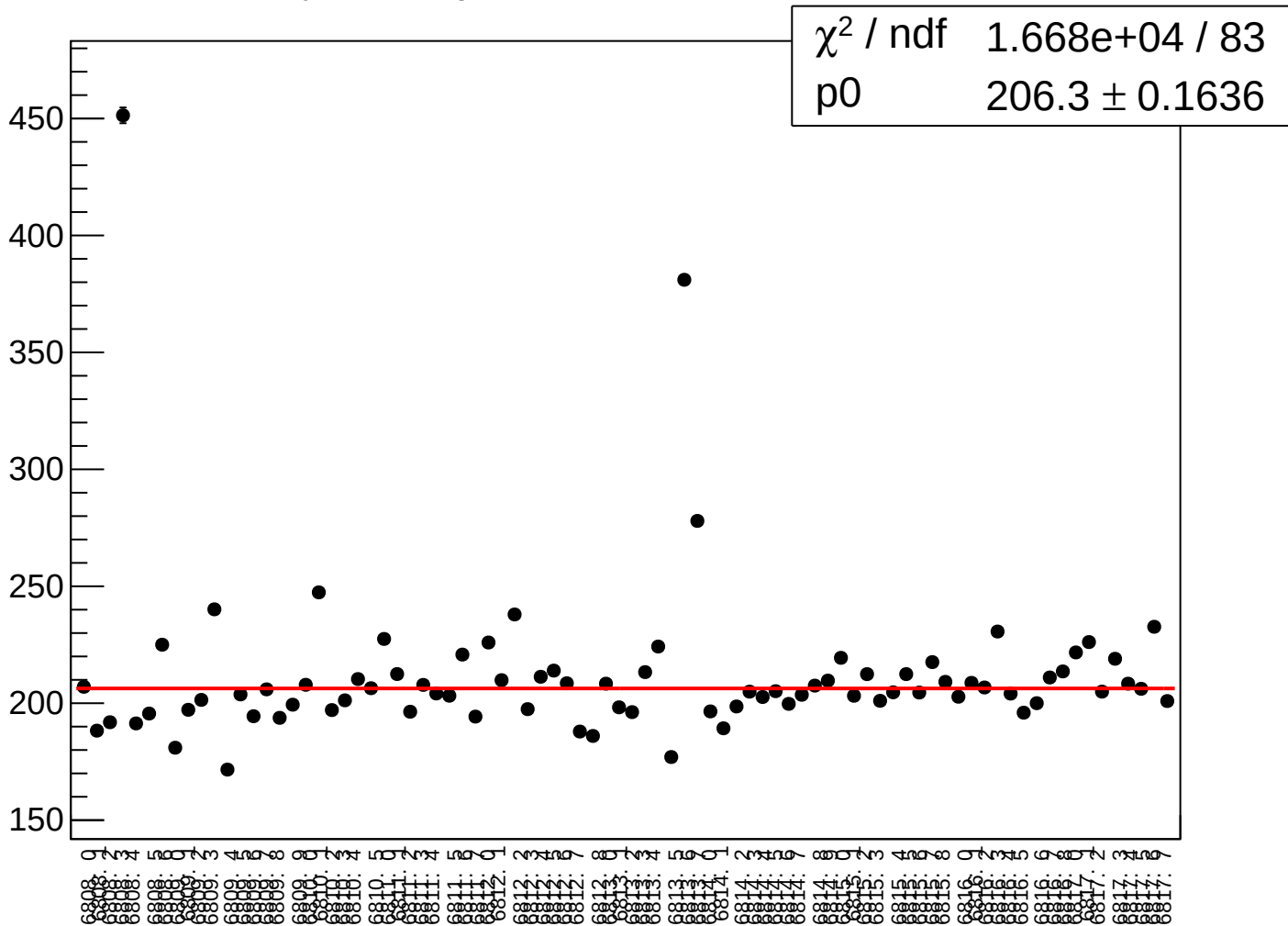
yield_bpm0l04WS_rms vs run



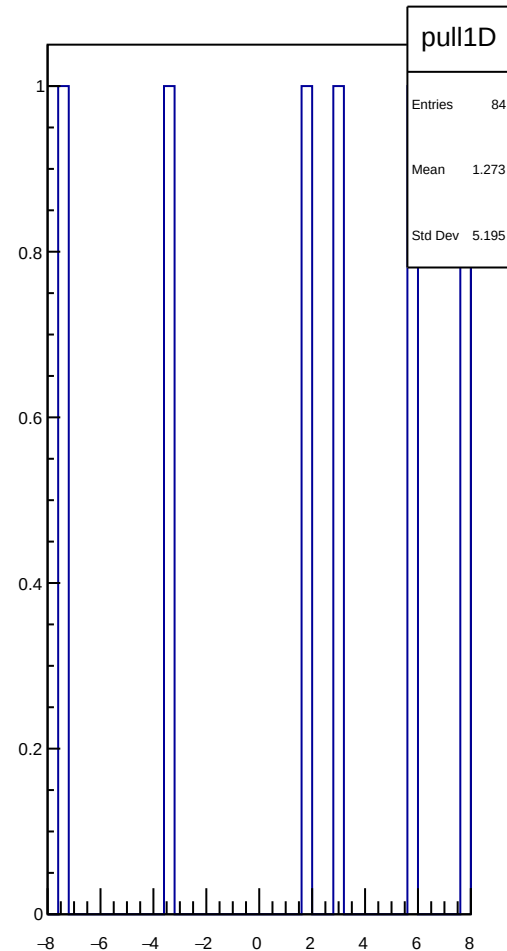
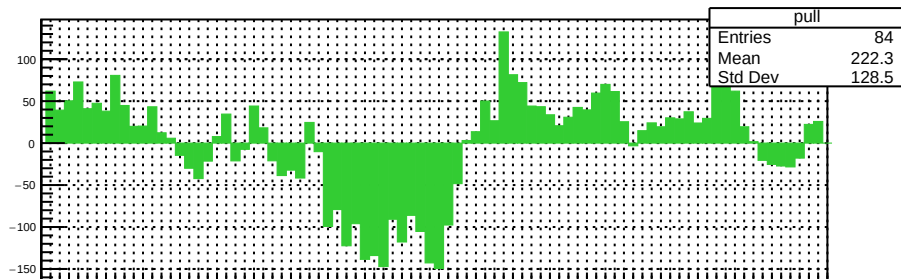
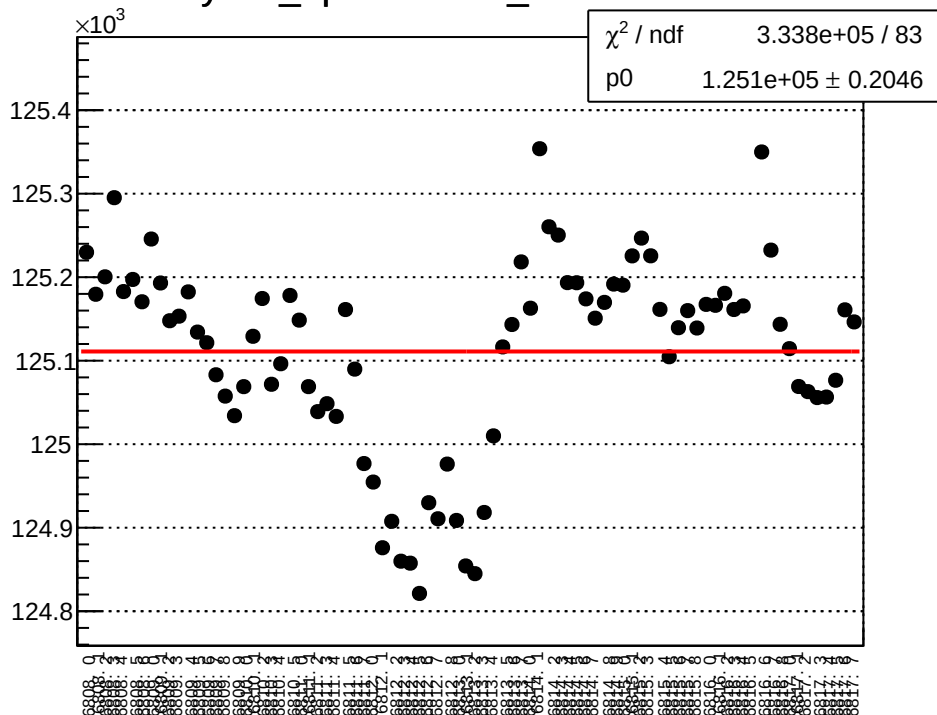
yield_bpm0105WS_mean vs run



yield_bpm0l05WS_rms vs run



yield_bpm0l06WS_mean vs run



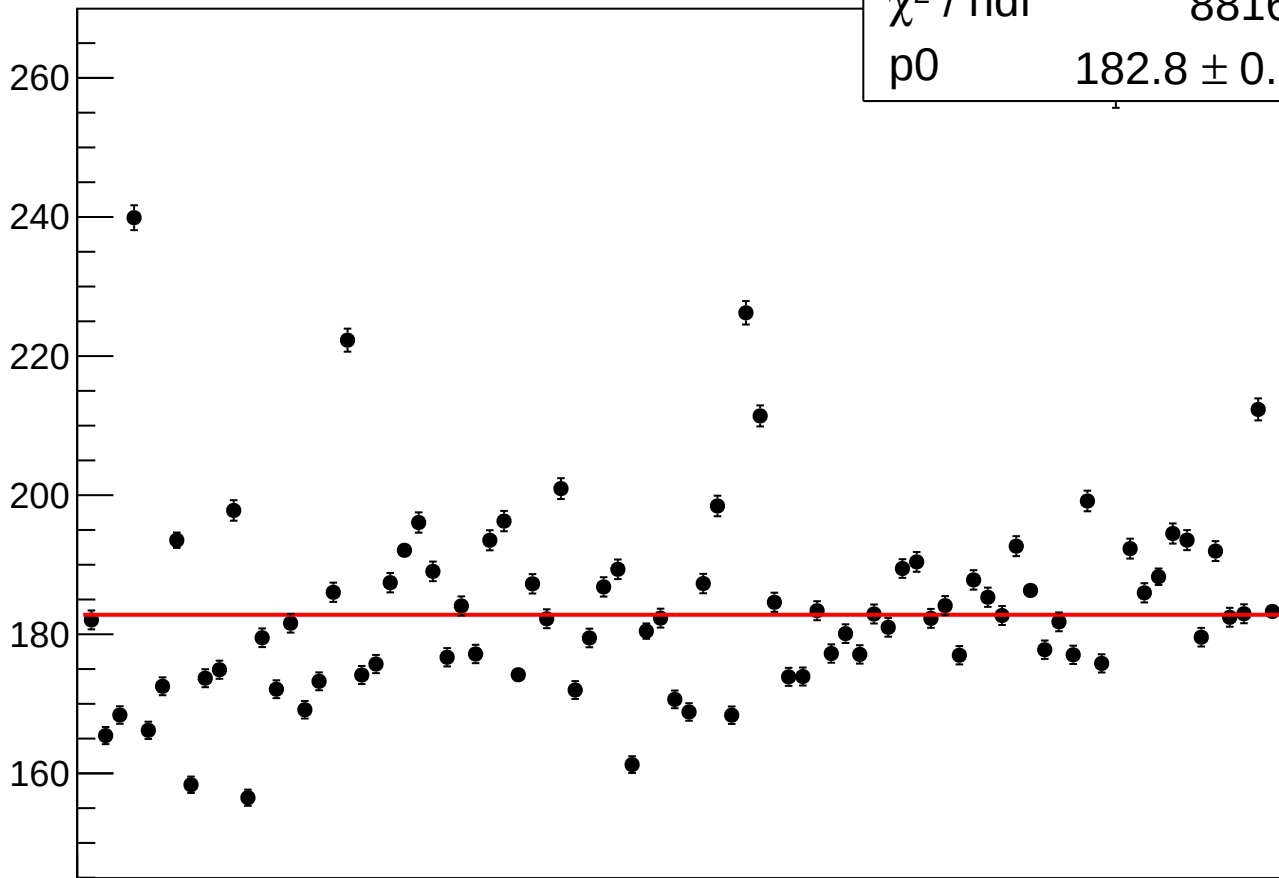
yield_bpm0l06WS_rms vs run

χ^2 / ndf

8816 / 83

p0

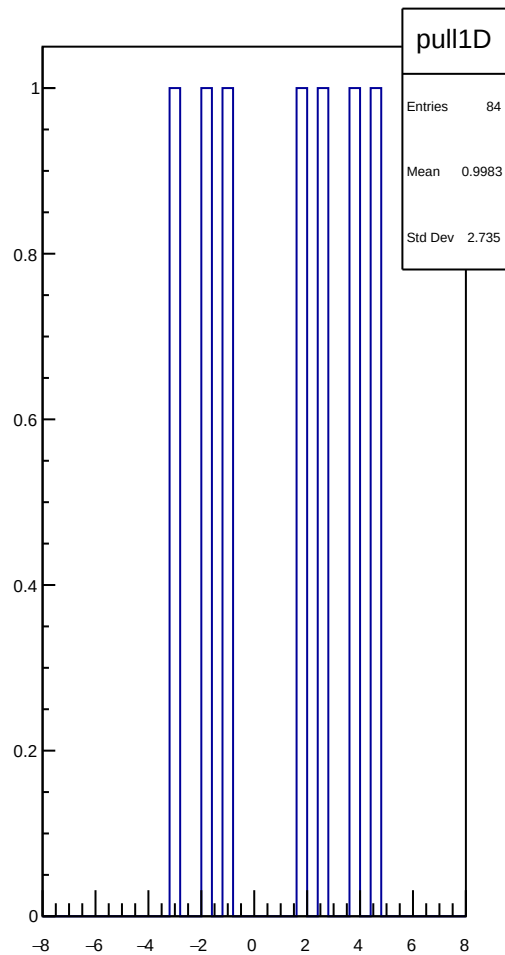
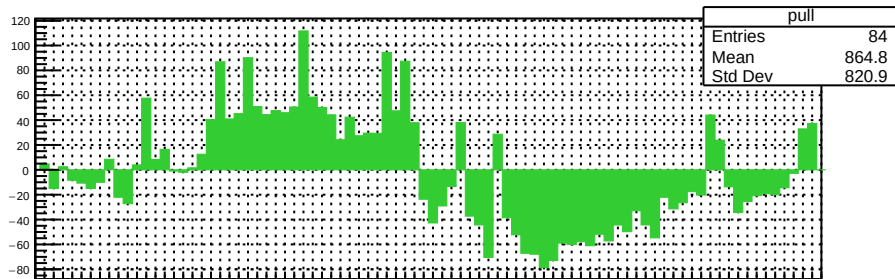
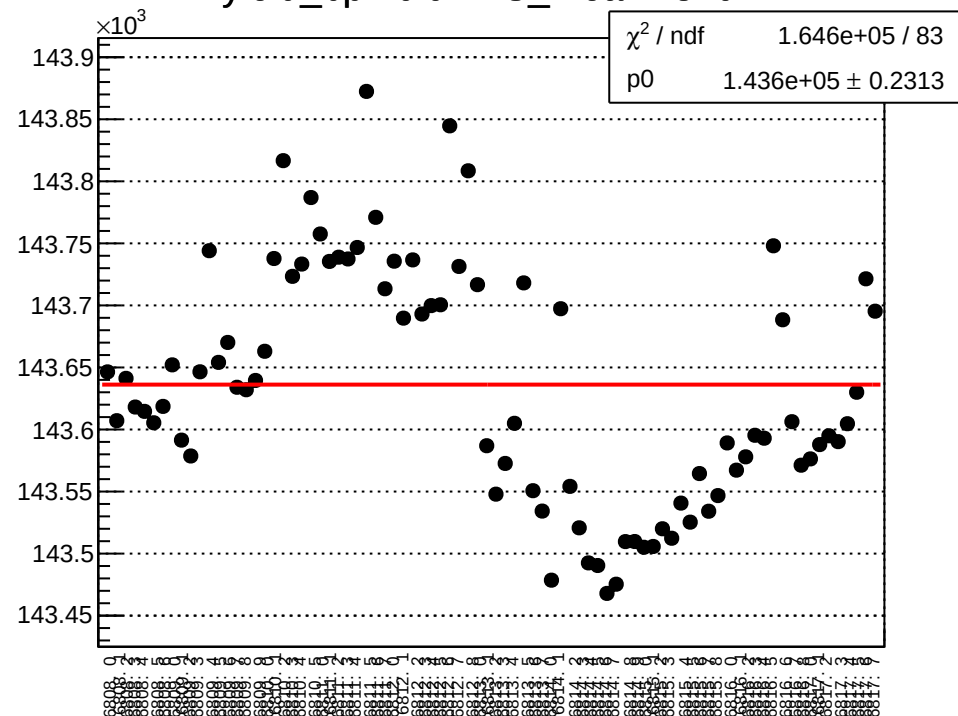
182.8 ± 0.1446



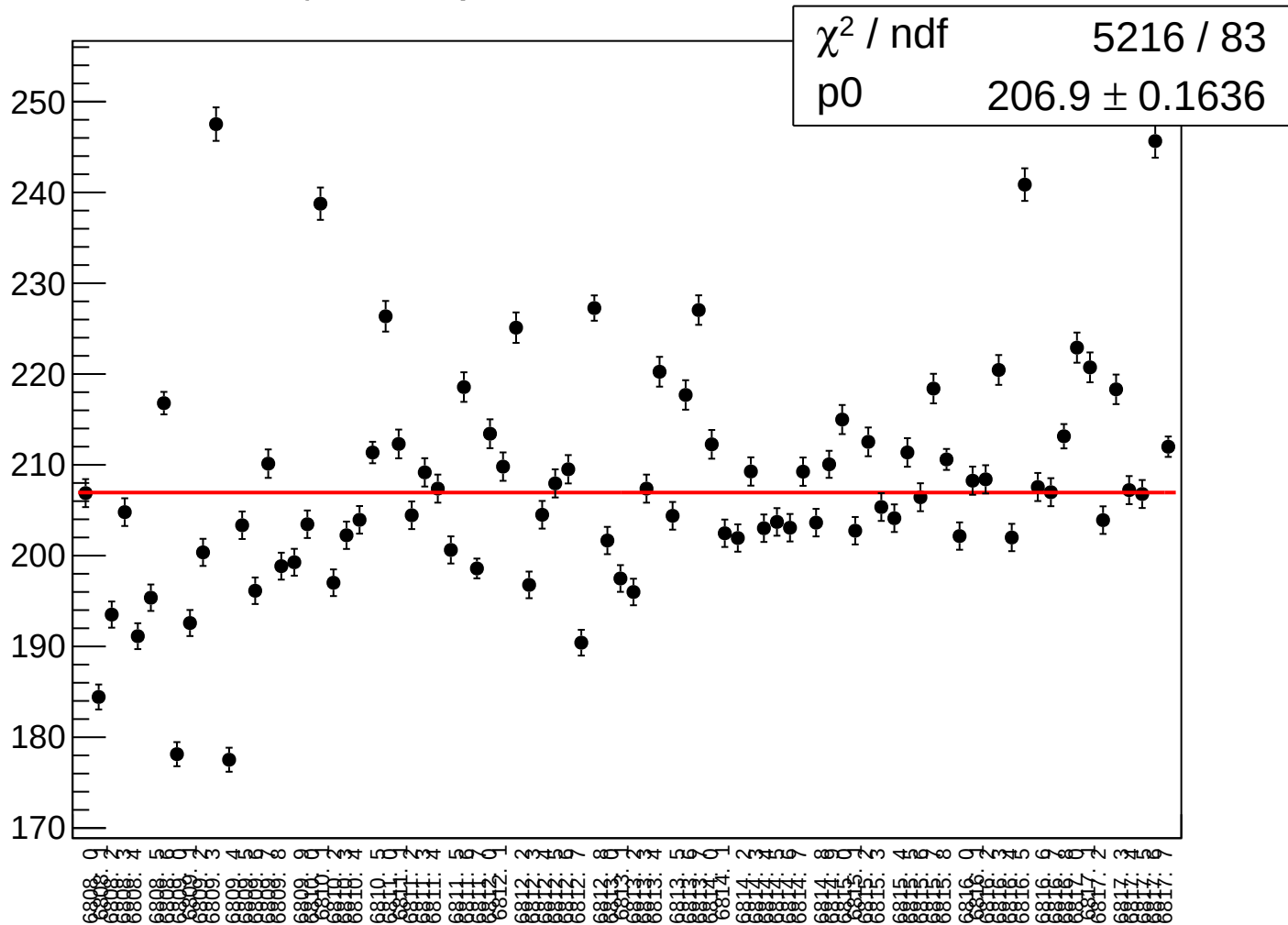
0 100 200 300 400 500 600 700 800 900 1000

yield_bpm0l06WS_rms

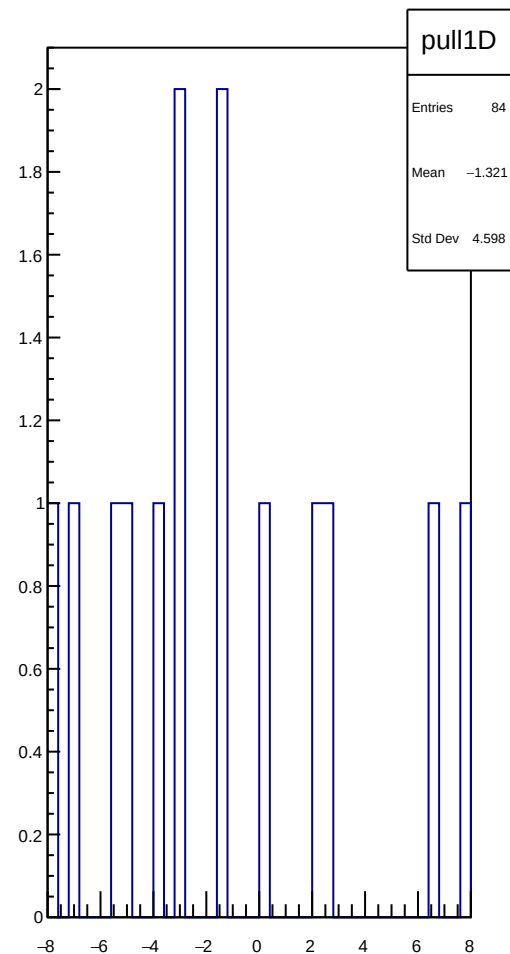
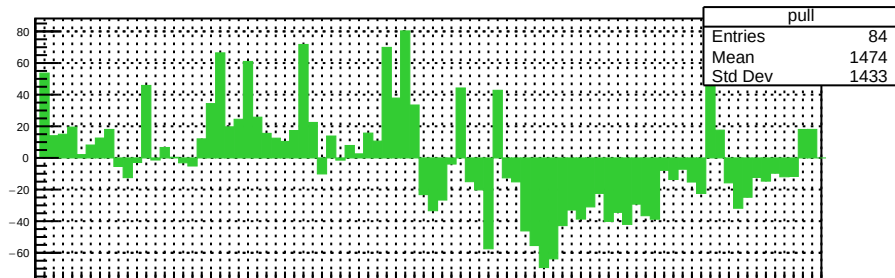
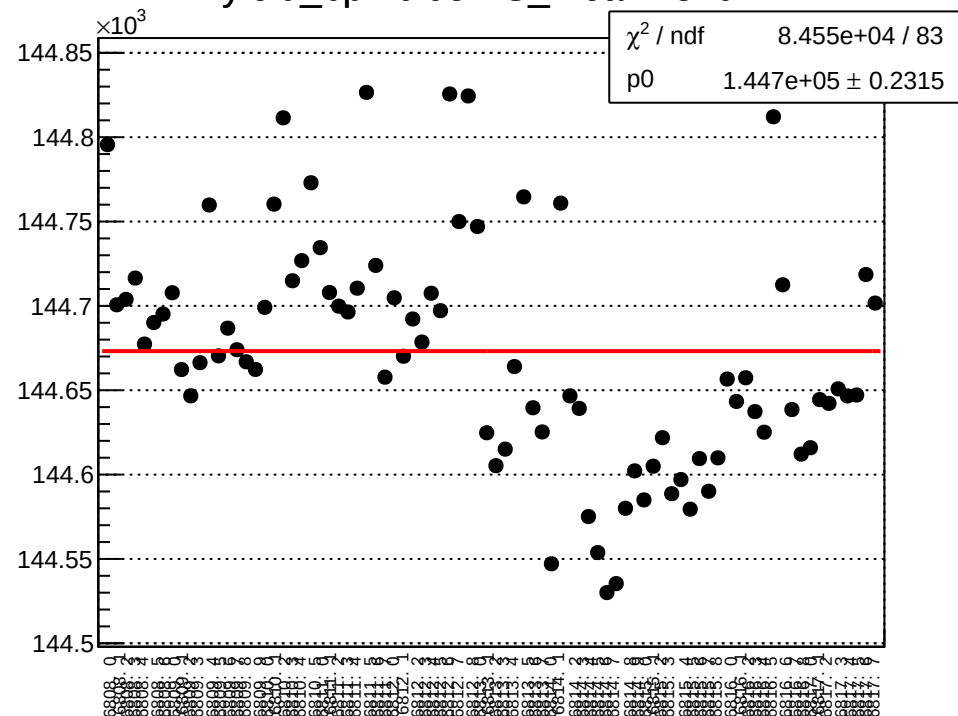
yield_bpm0107WS_mean vs run



yield_bpm0l07WS_rms vs run



yield_bpm0108WS_mean vs run



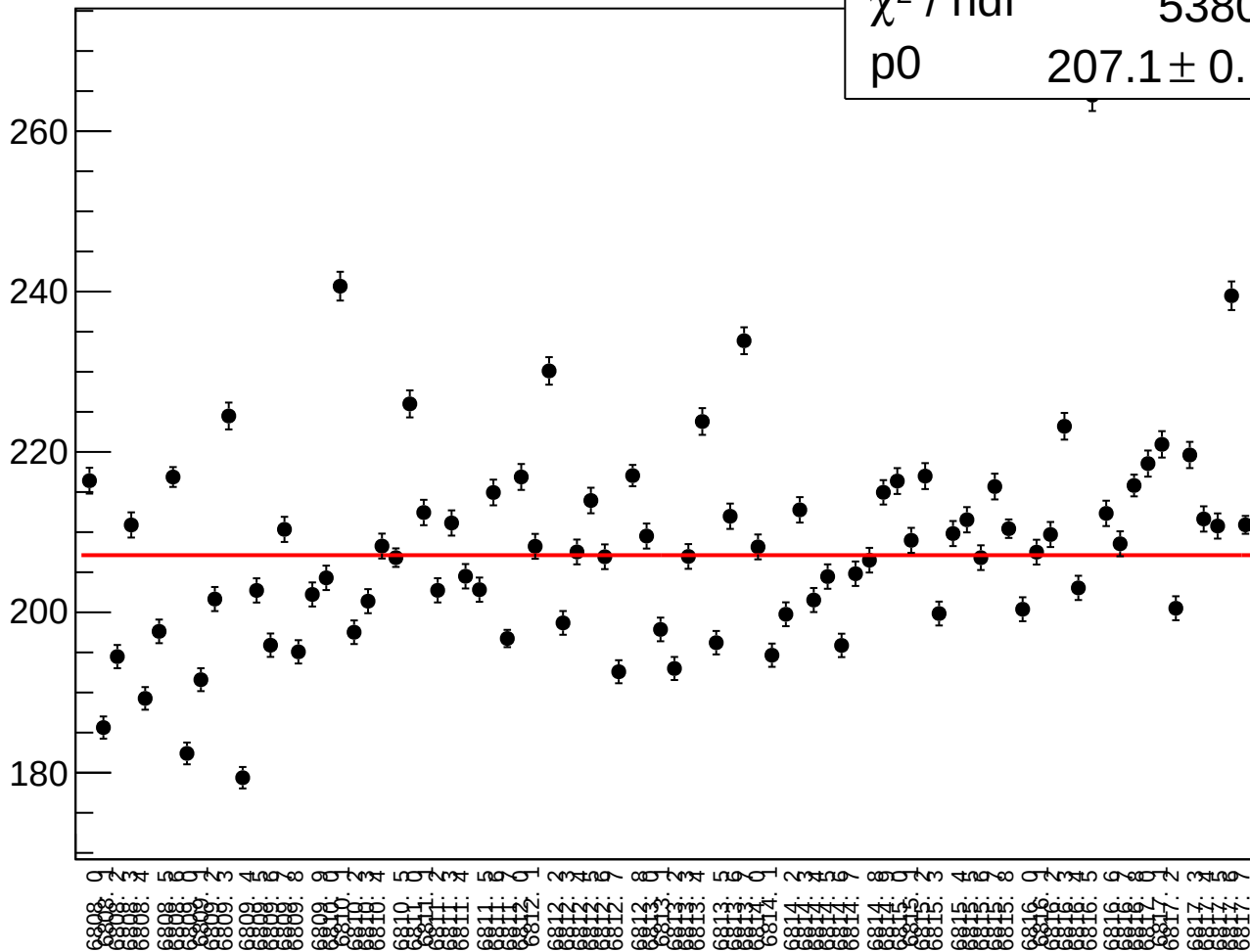
yield_bpm0l08WS_rms vs run

χ^2 / ndf

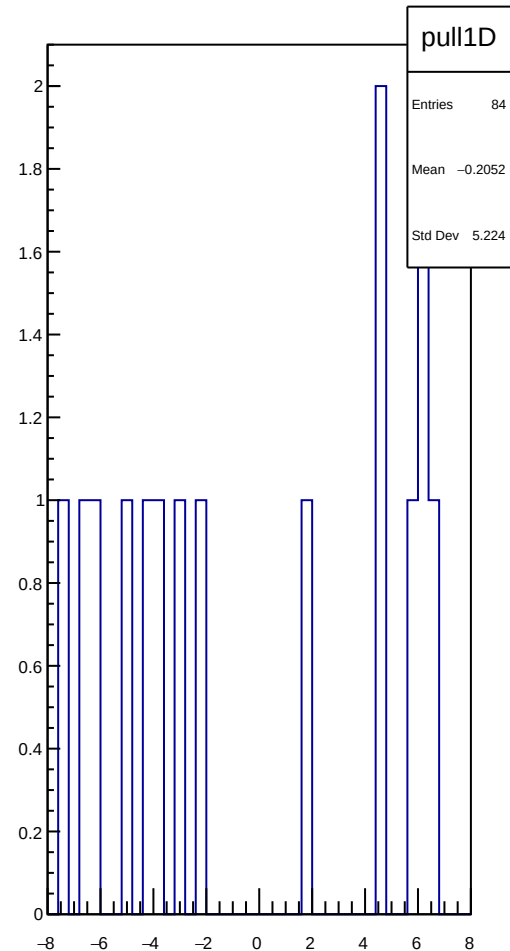
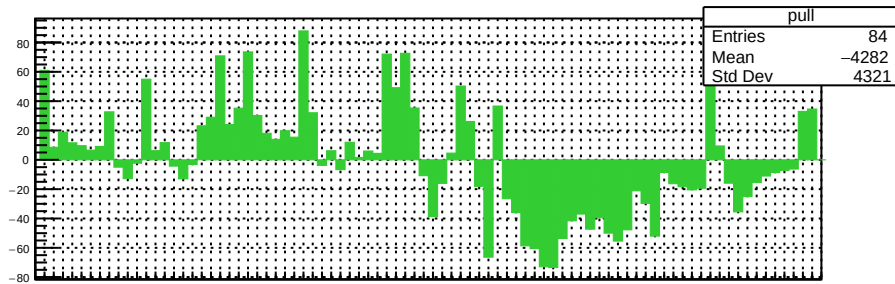
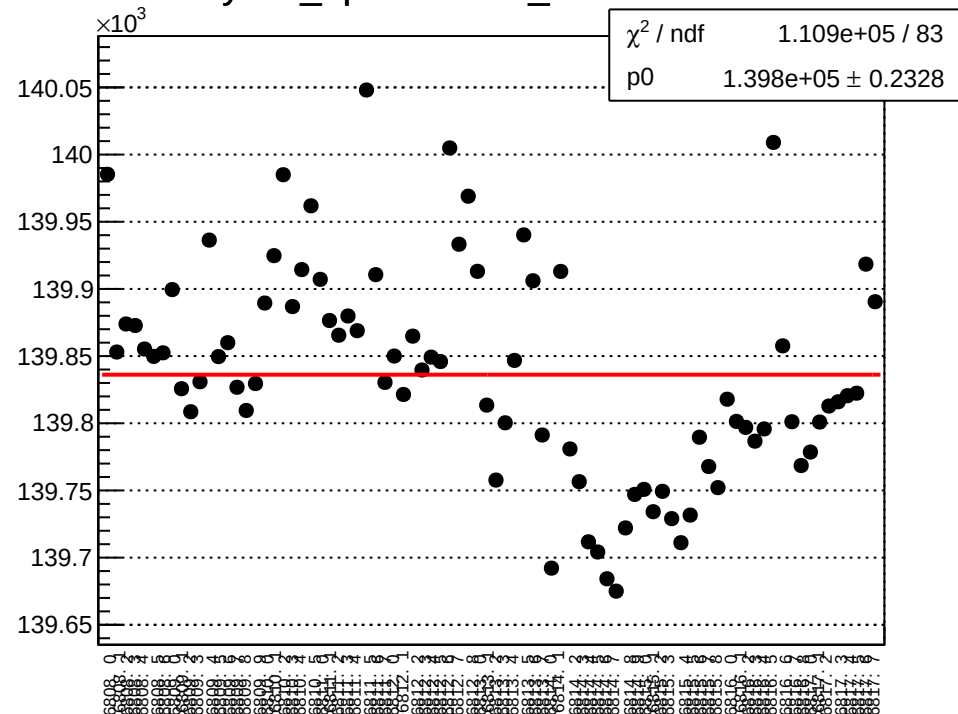
5380 / 83

p0

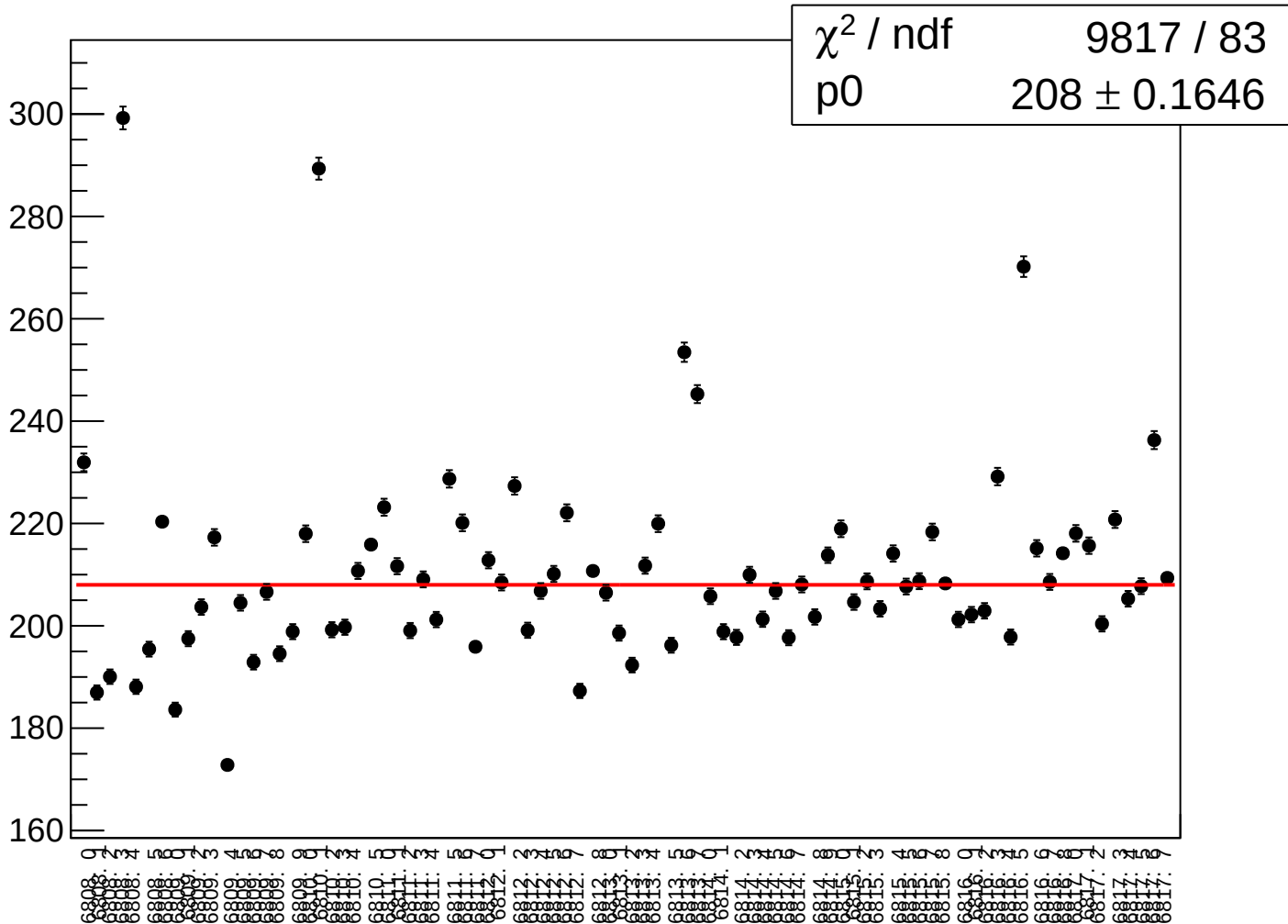
207.1 ± 0.1637



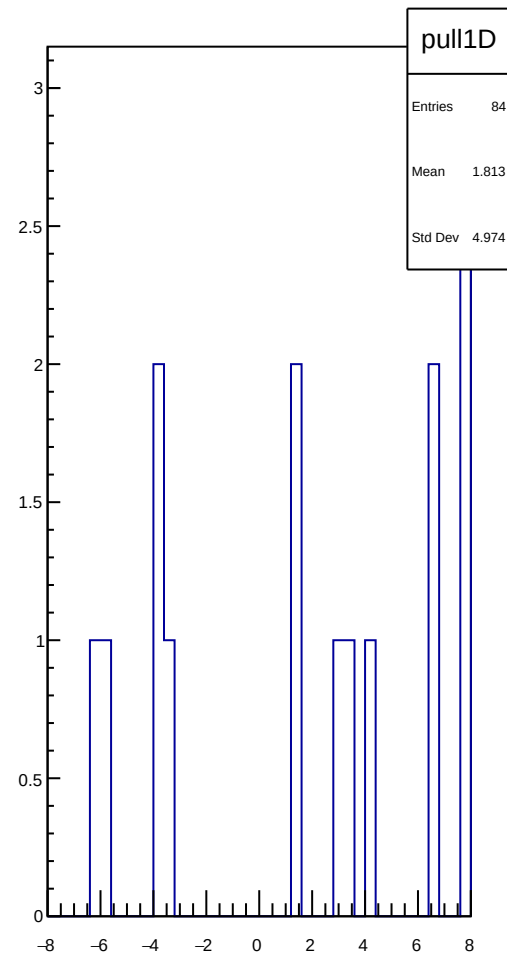
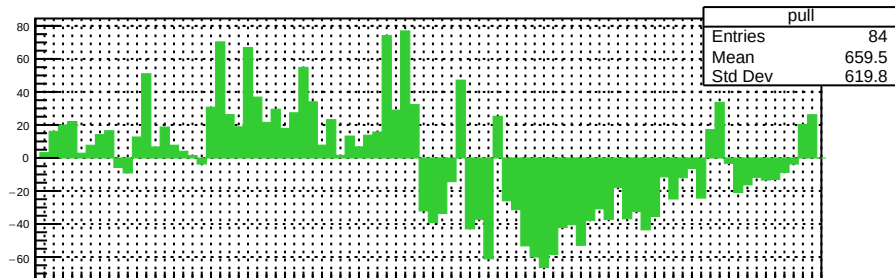
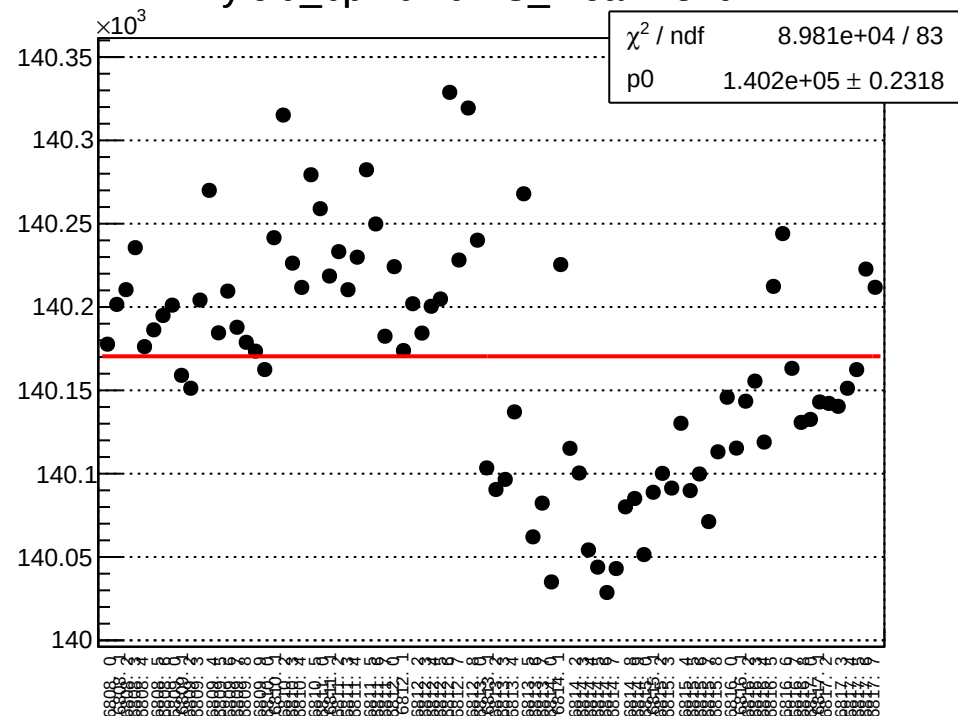
yield_bpm0l09WS_mean vs run



yield_bpm0l09WS_rms vs run



yield_bpm0l10WS_mean vs run



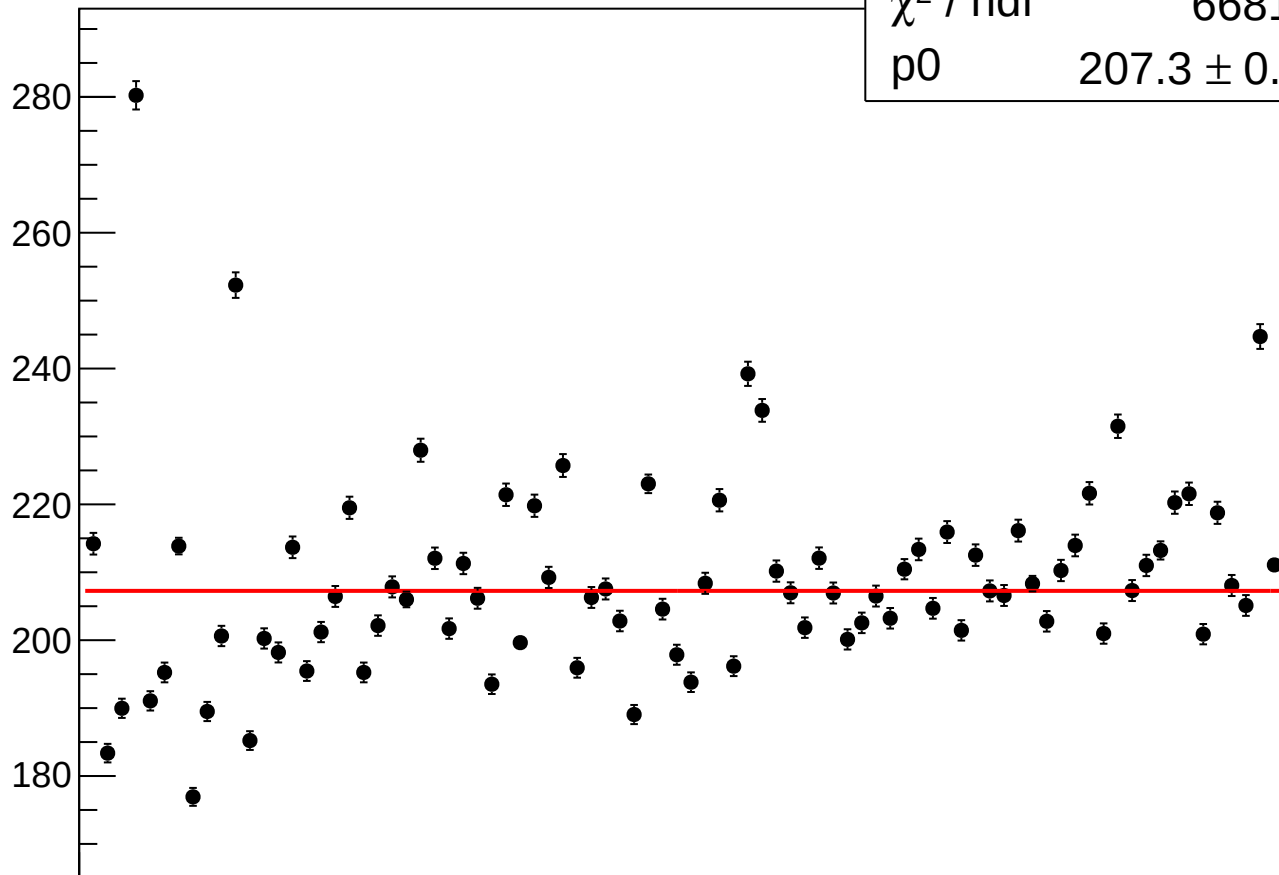
yield_bpm0l10WS_rms vs run

χ^2 / ndf

6681 / 83

p0

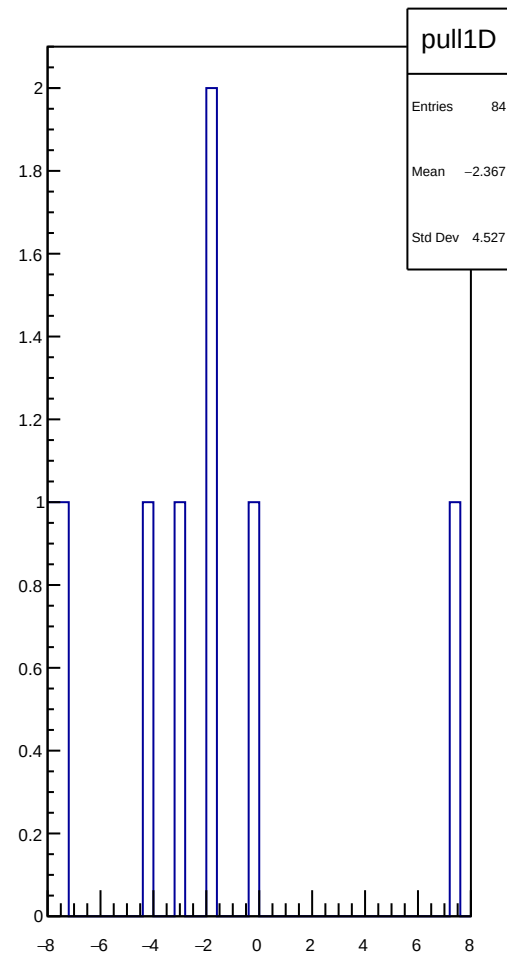
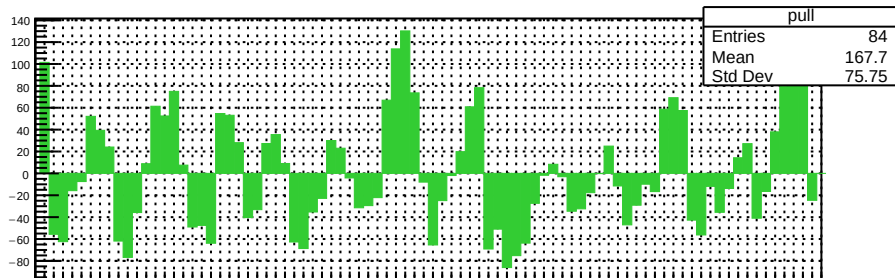
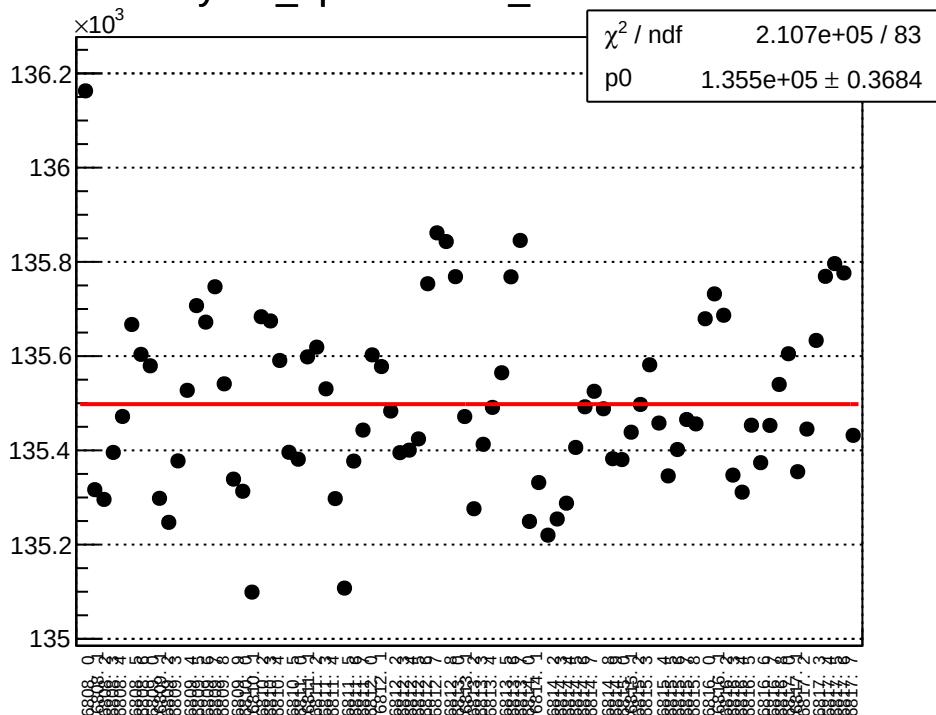
207.3 ± 0.1639



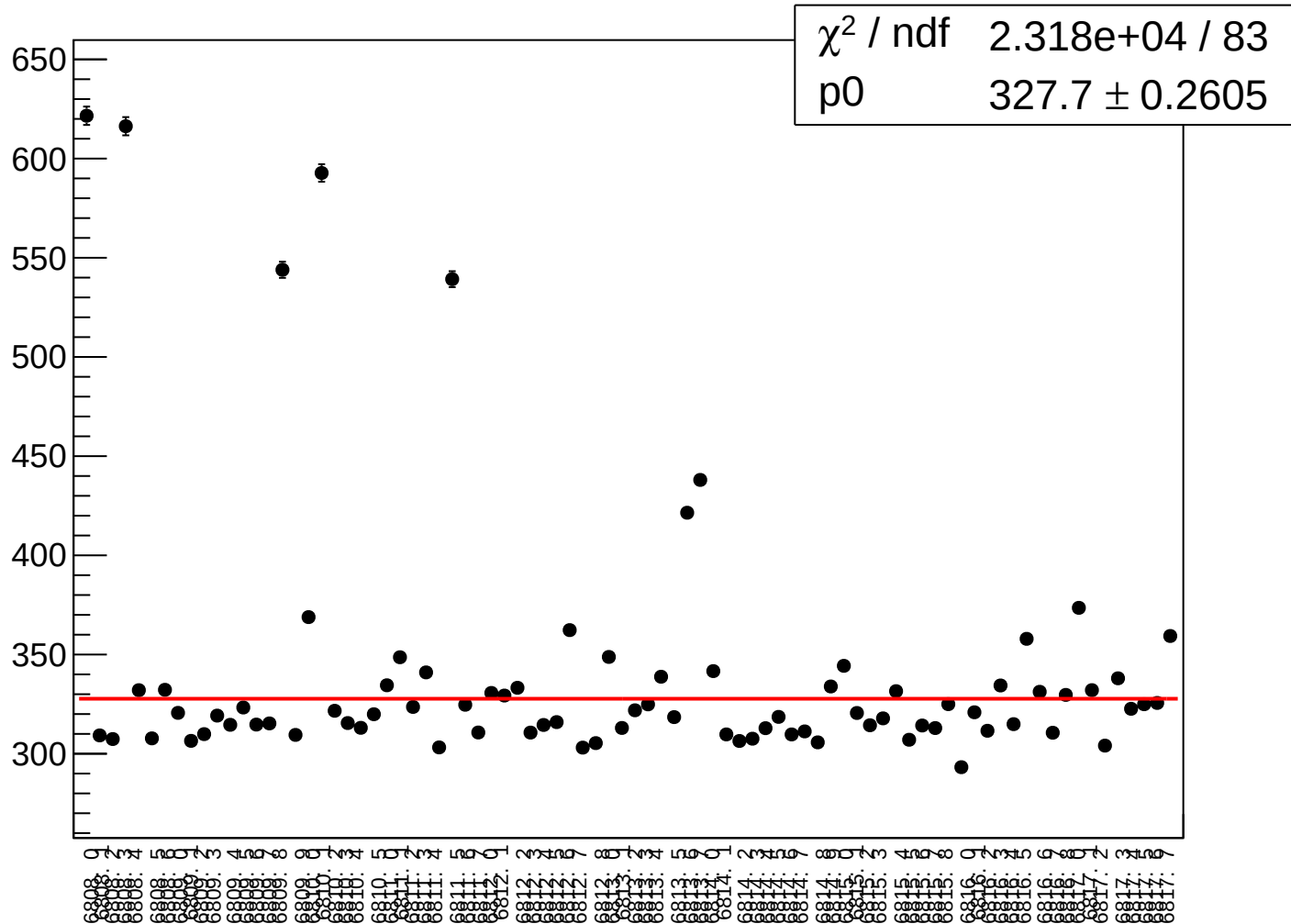
0 100 200 300 400 500 600 700 800 900 1000

yield_bpm0l10WS_rms

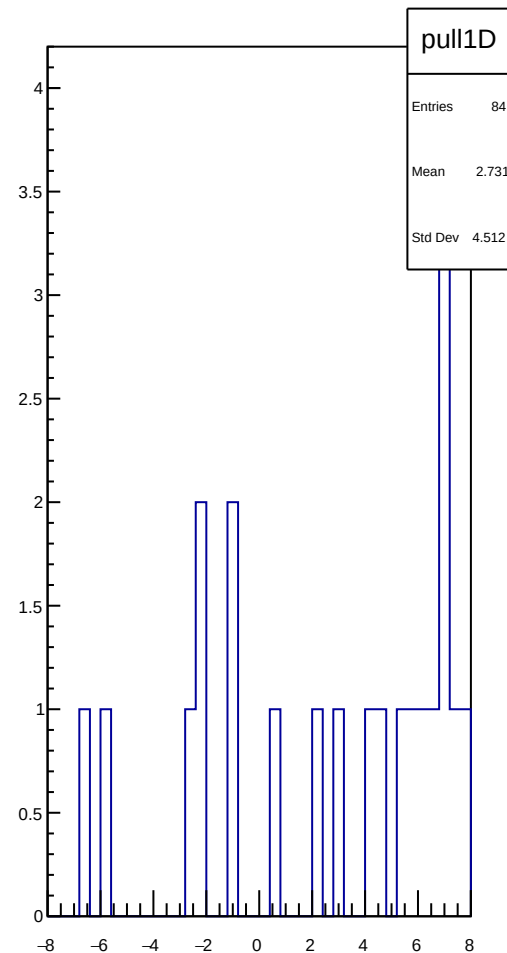
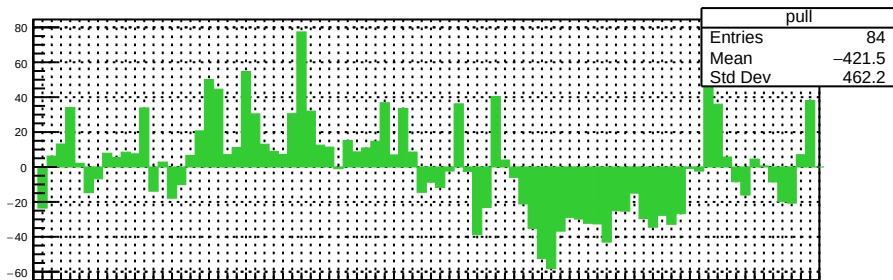
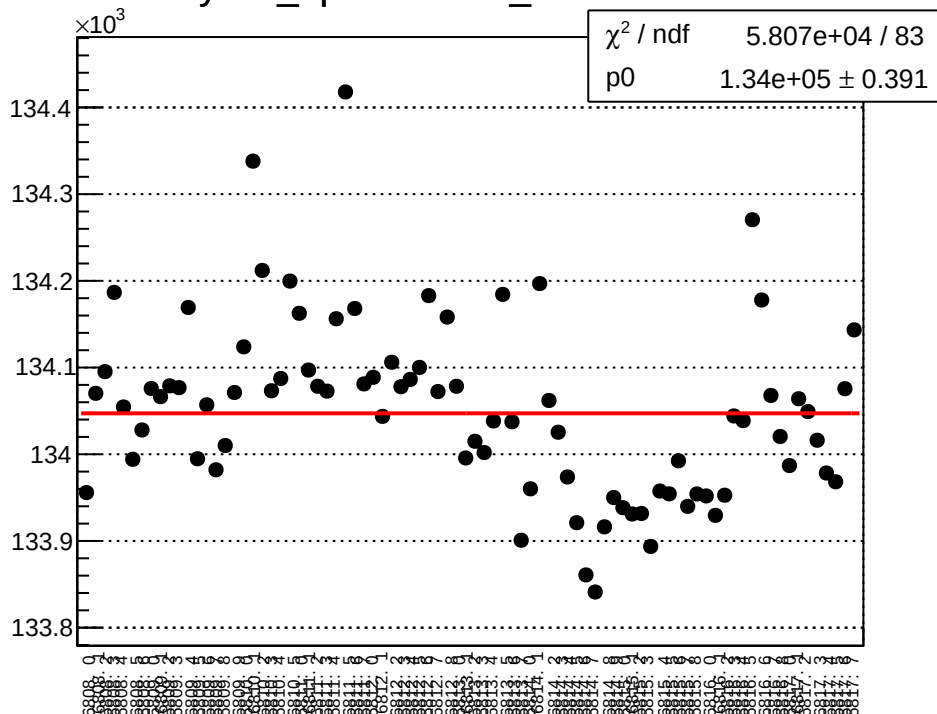
yield_bpm0r03WS_mean vs run



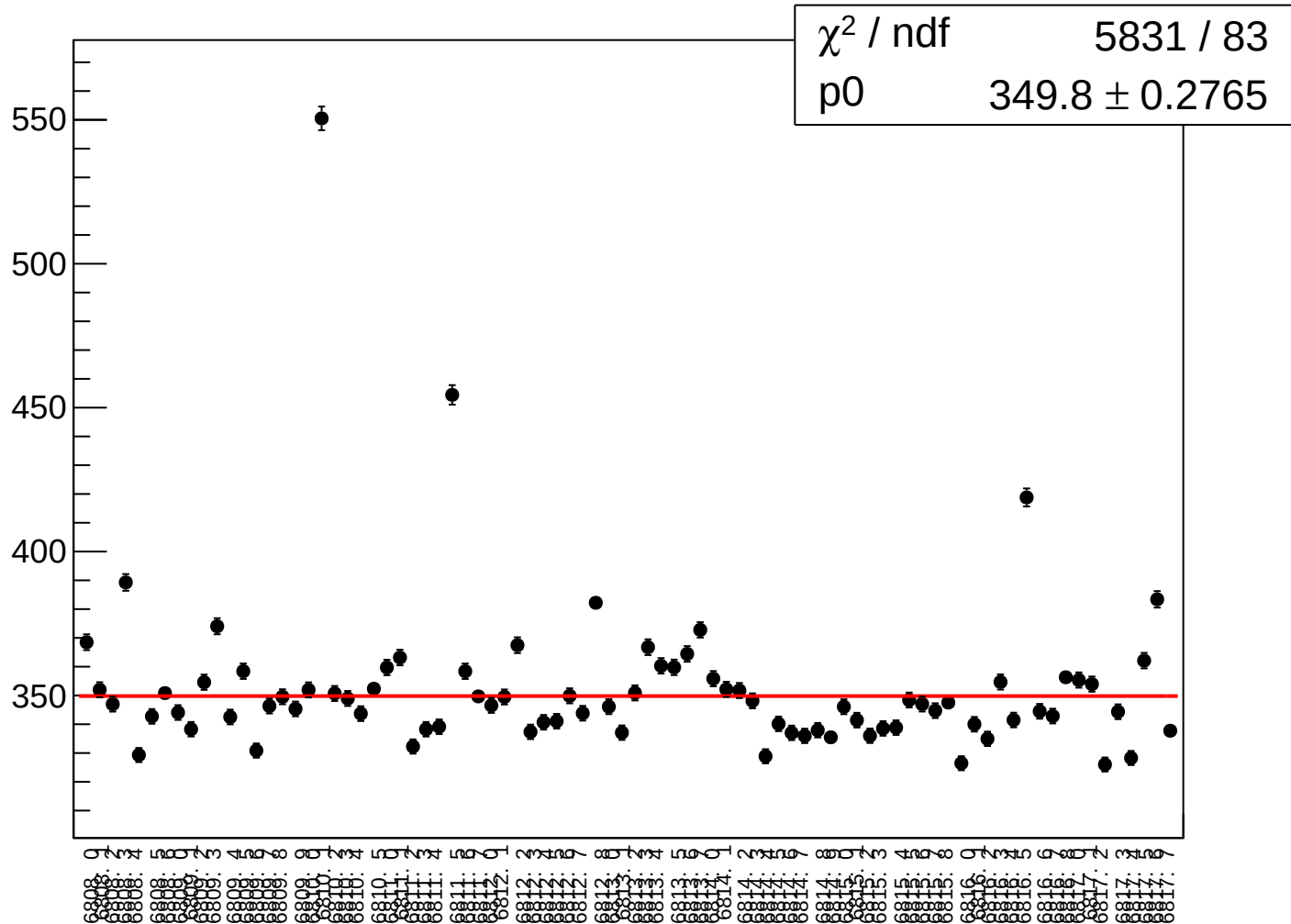
yield_bpm0r03WS_rms vs run



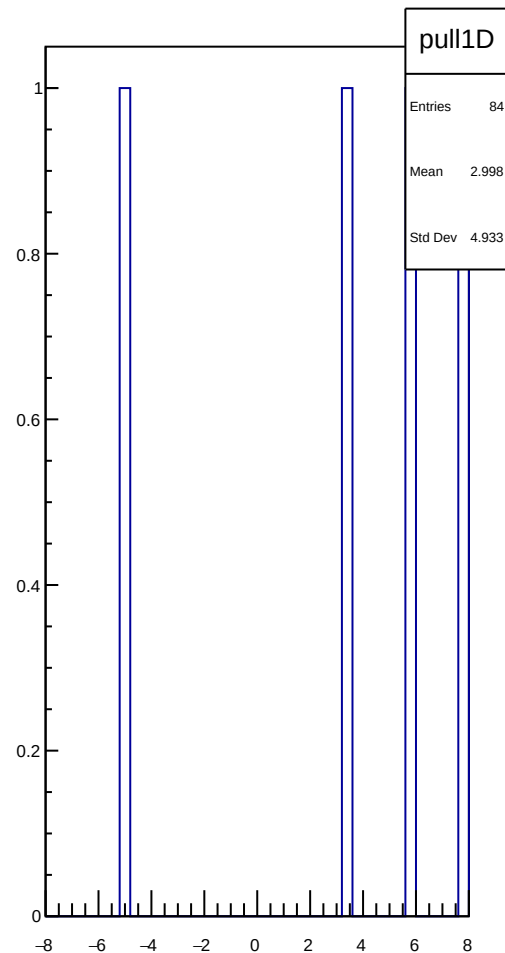
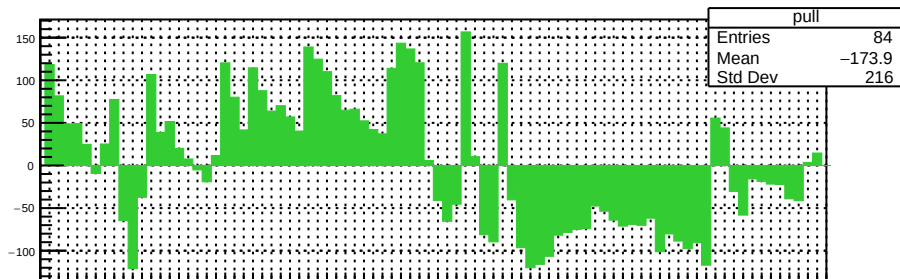
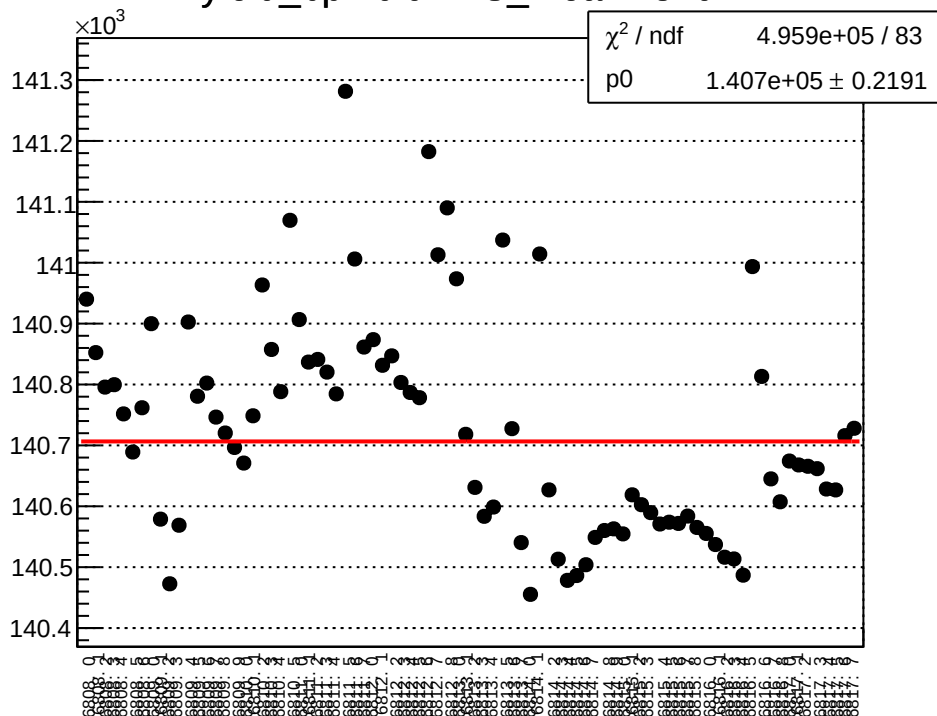
yield_bpm0r05WS_mean vs run



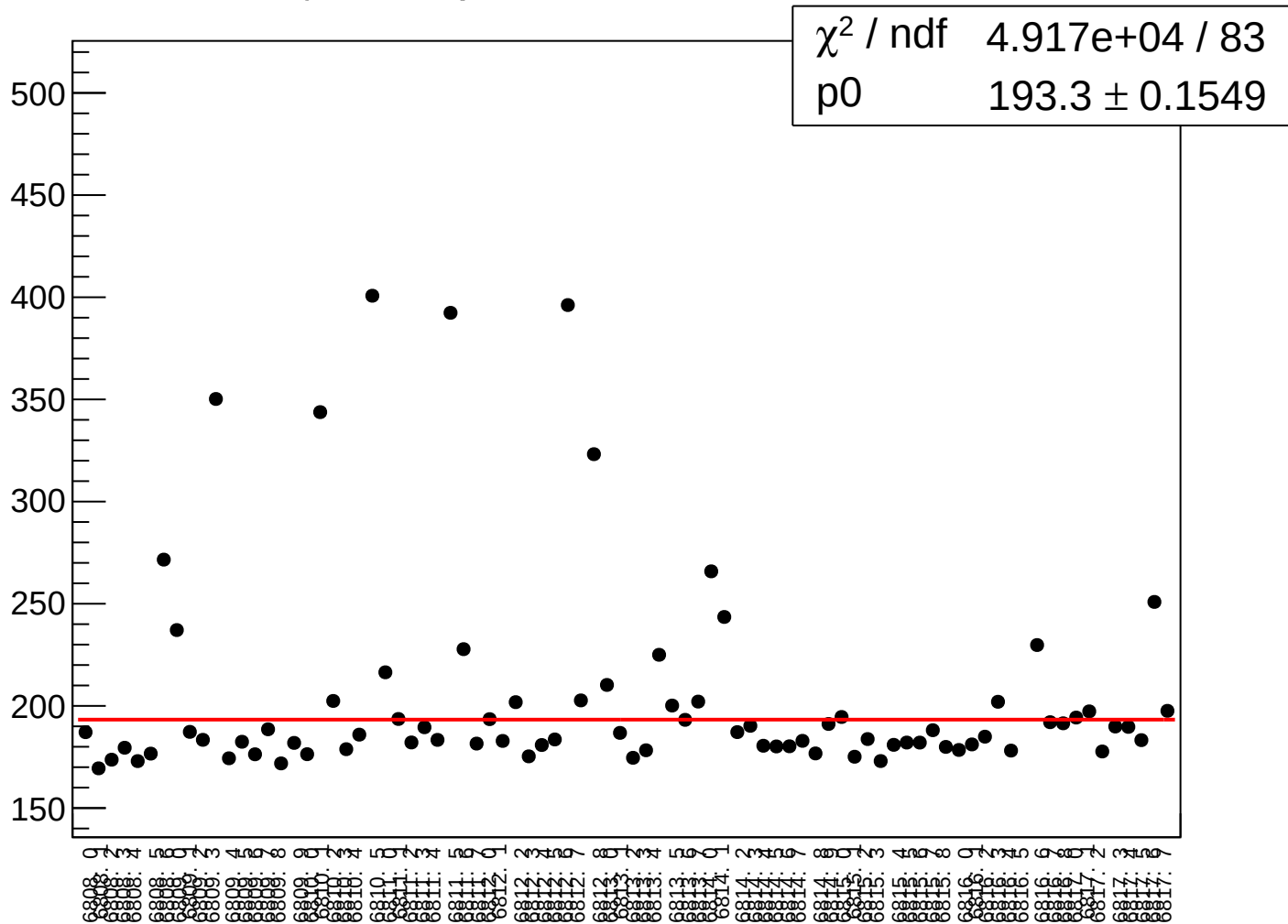
yield_bpm0r05WS_rms vs run



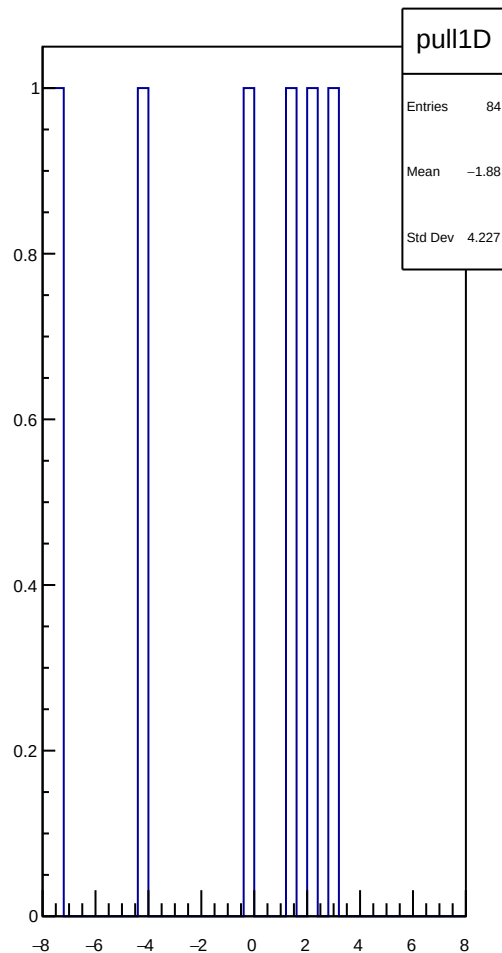
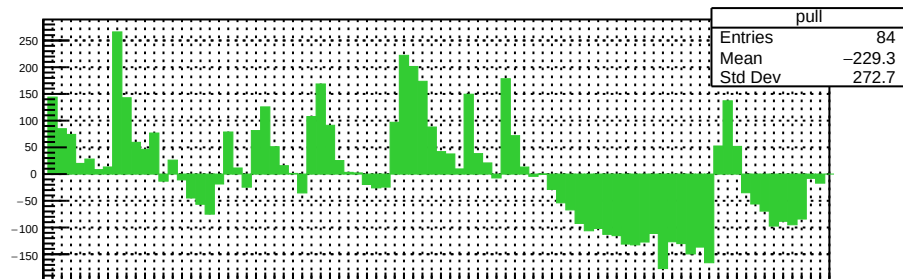
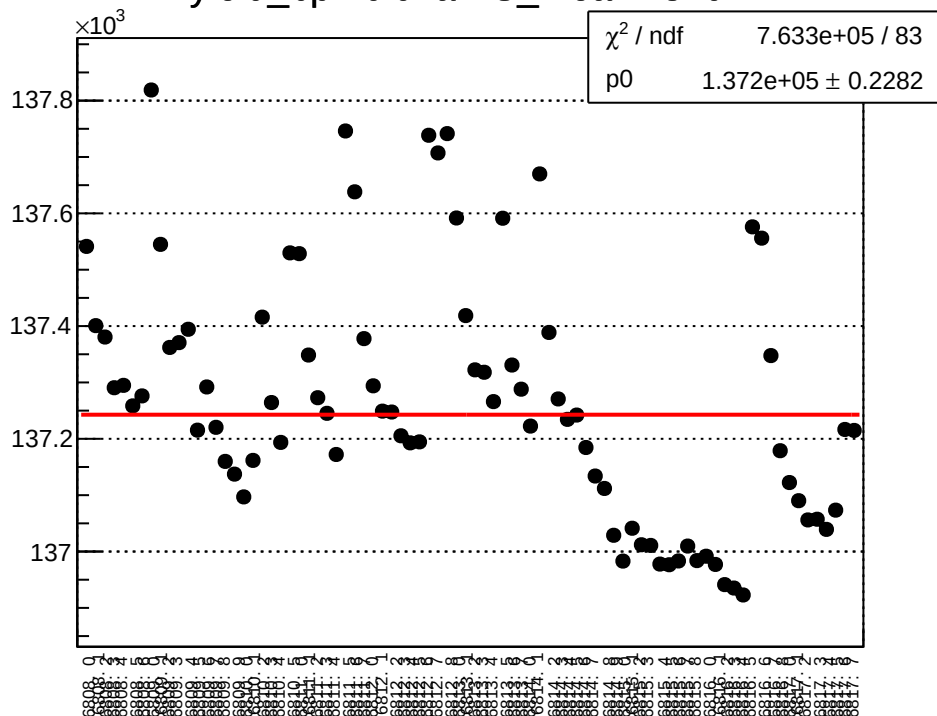
yield_bpm0i02WS_mean vs run



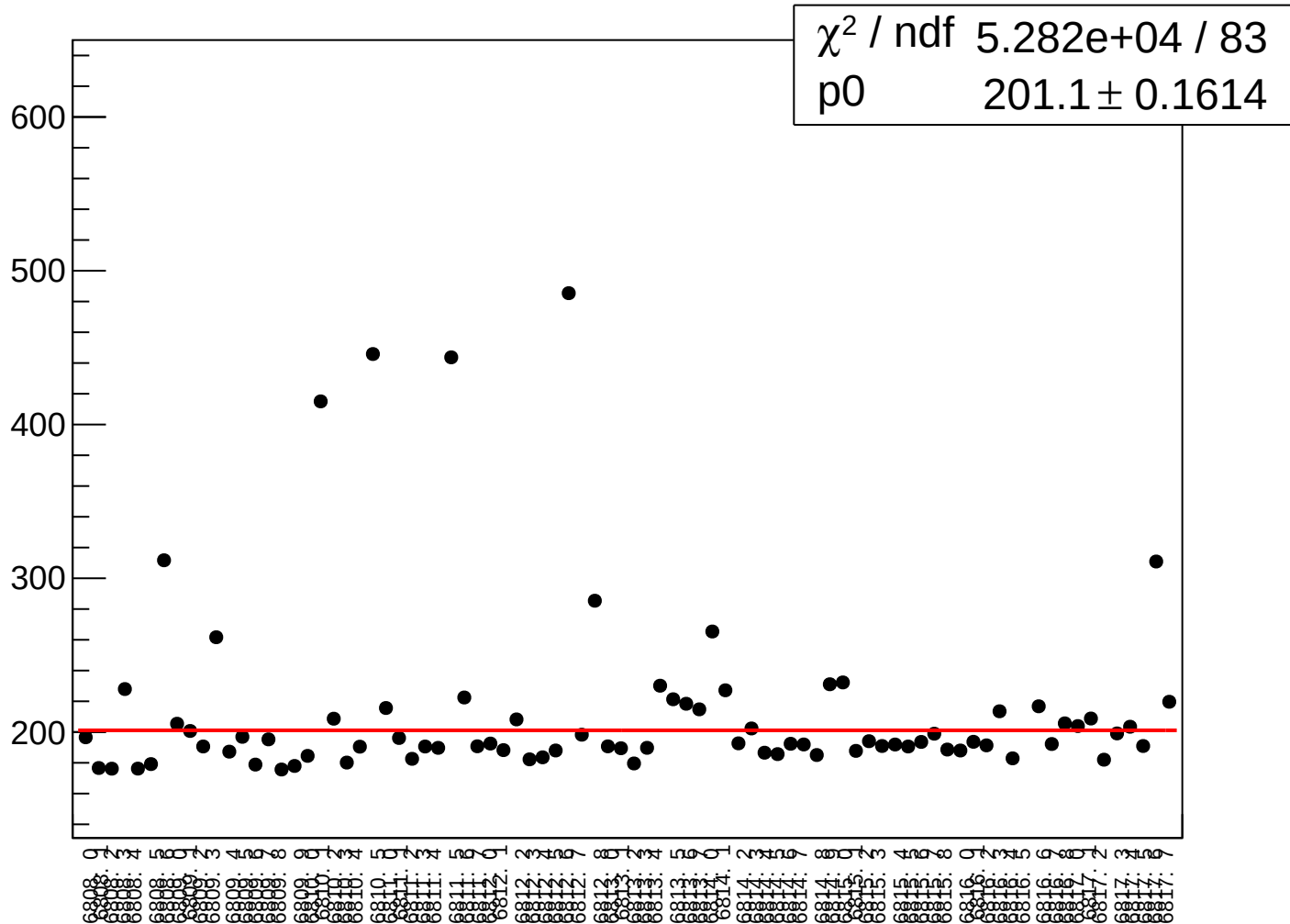
yield_bpm0i02WS_rms vs run



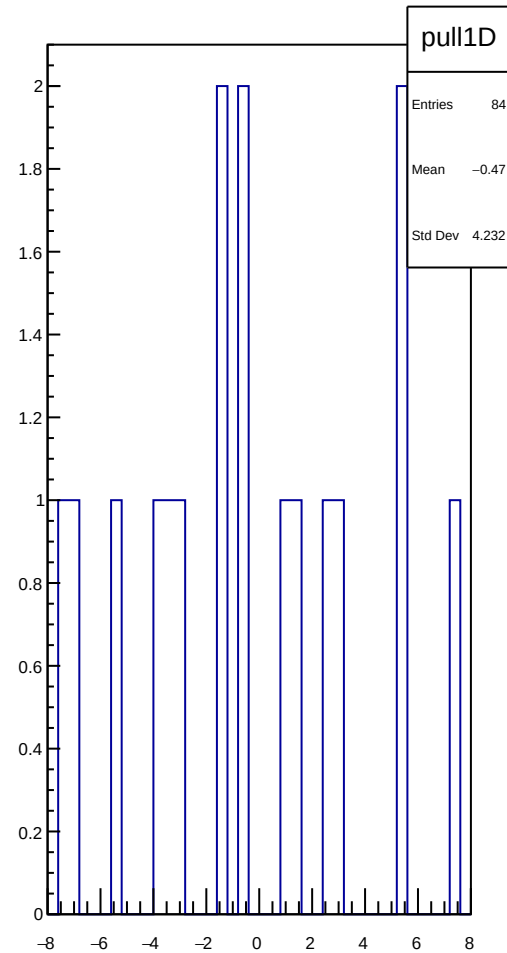
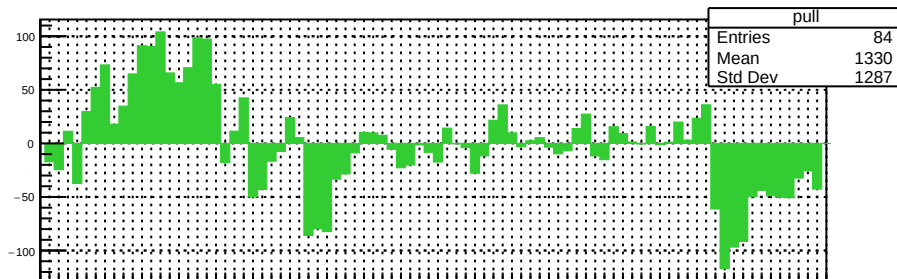
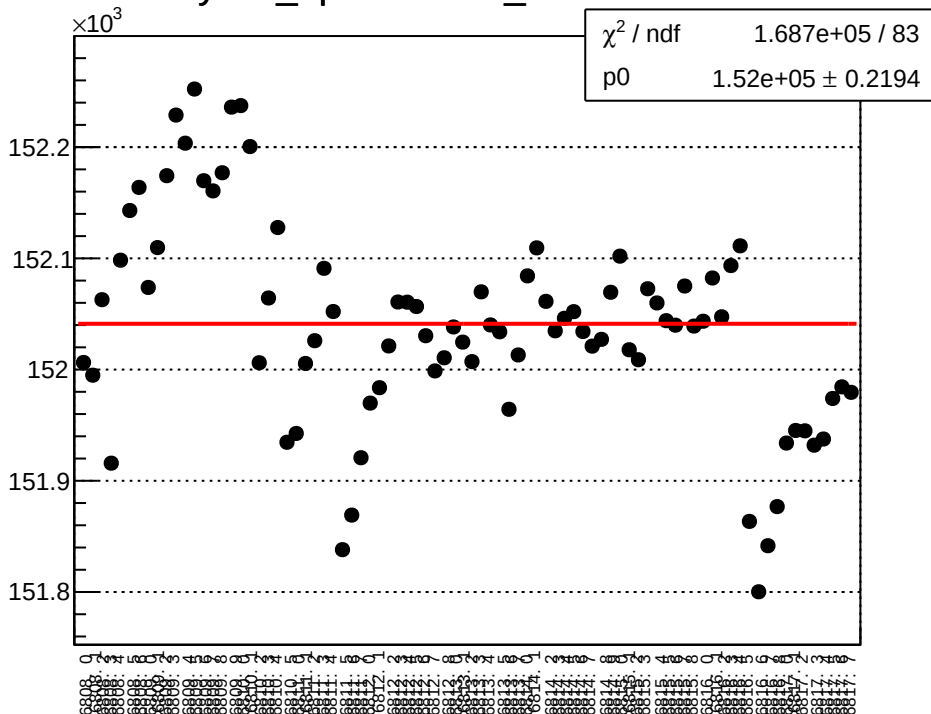
yield_bpm0i02aWS_mean vs run



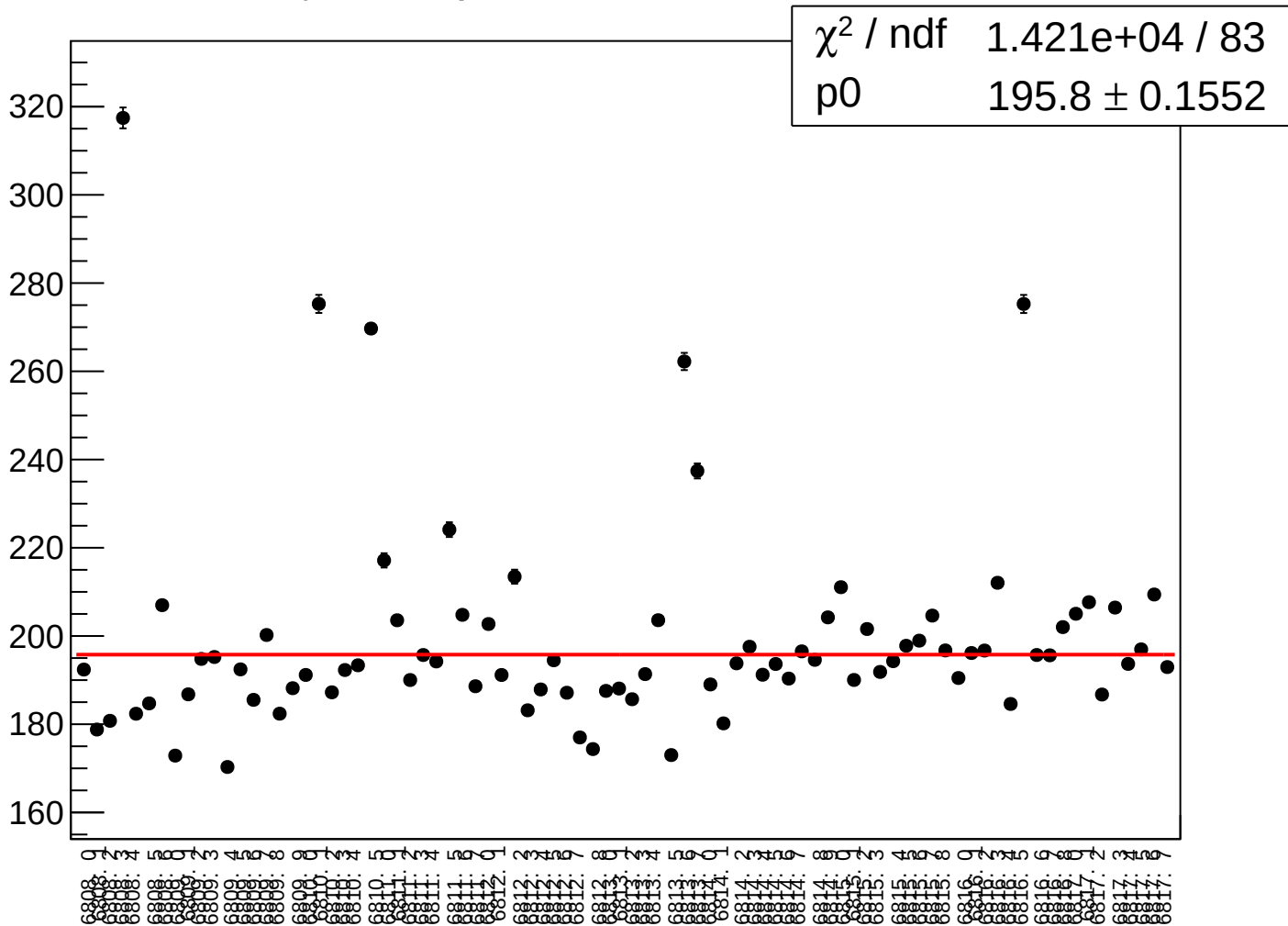
yield_bpm0i02aWS_rms vs run



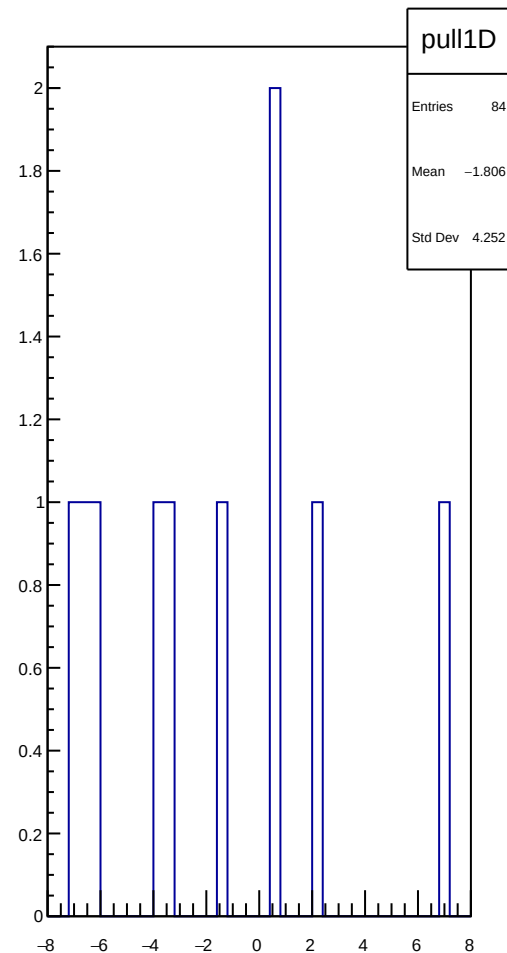
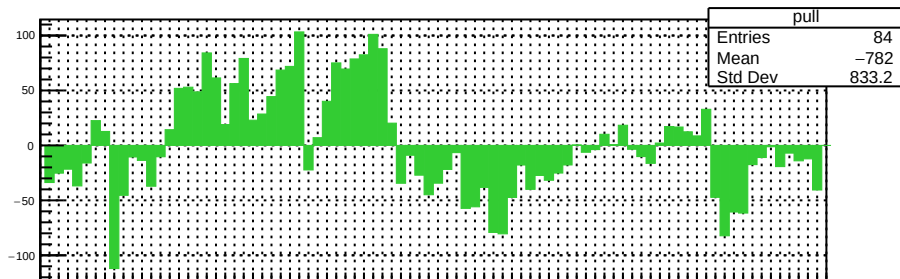
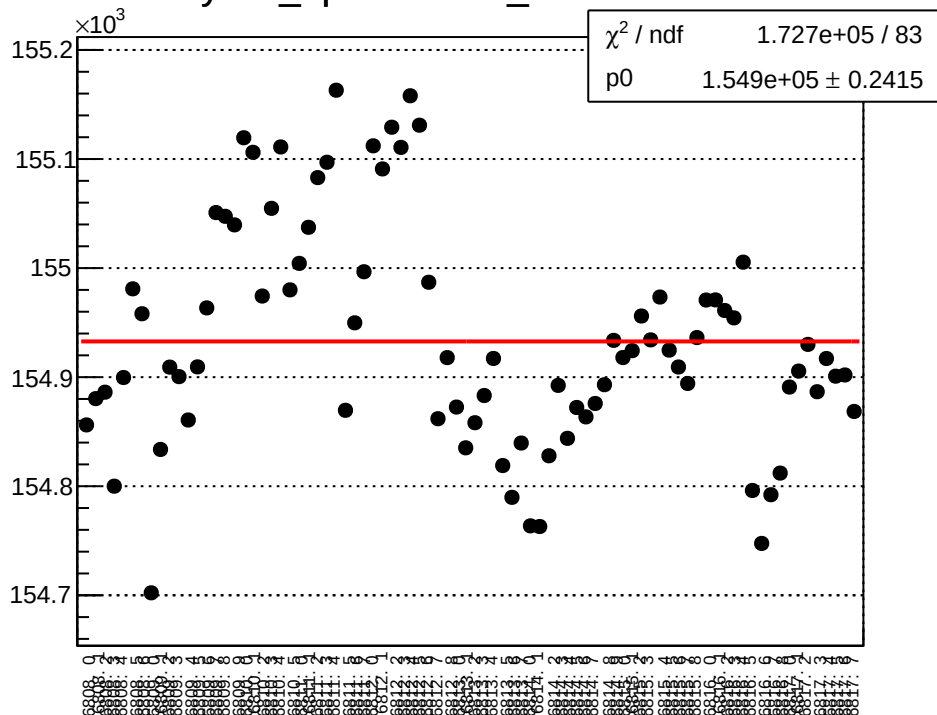
yield_bpm0i05WS_mean vs run



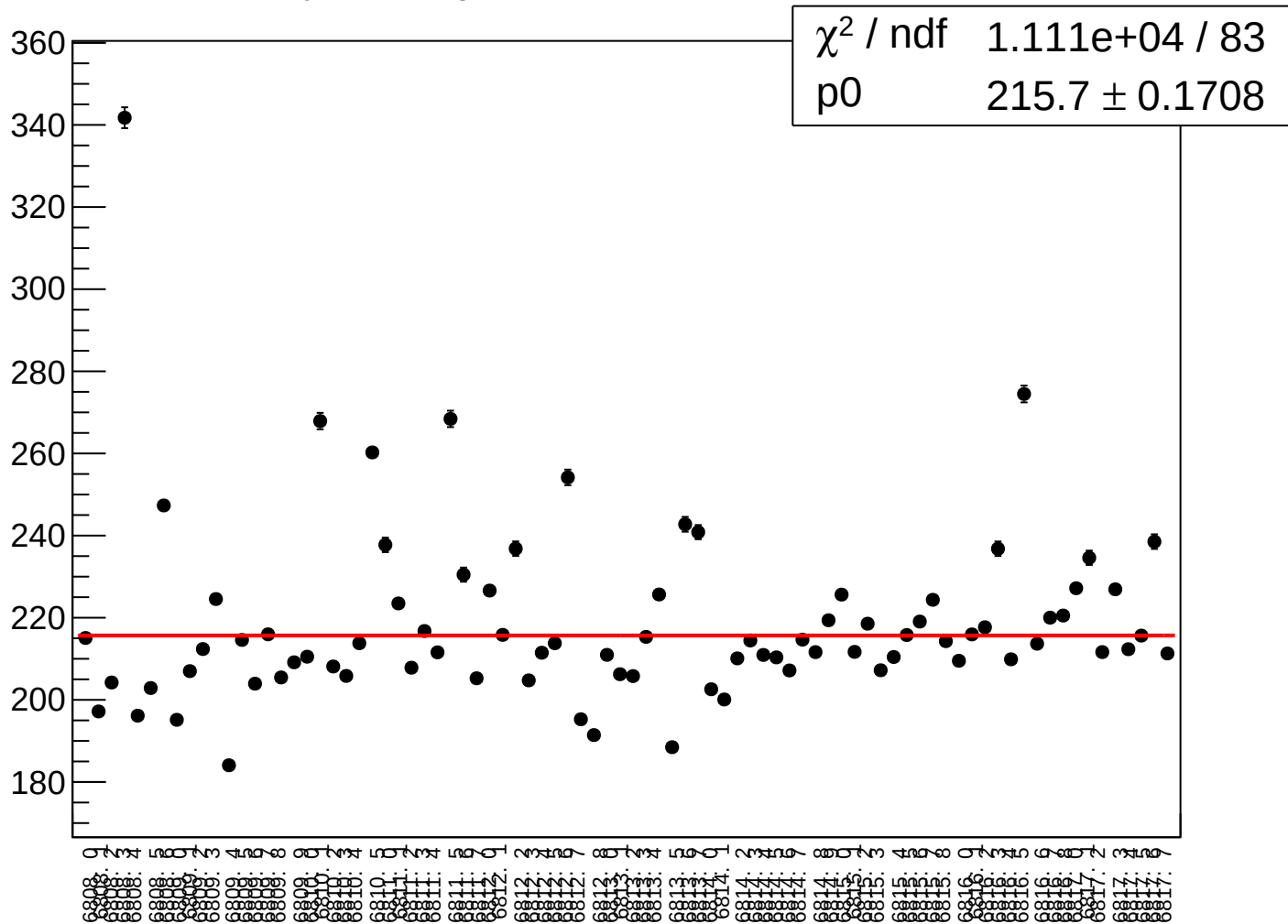
yield_bpm0i05WS_rms vs run



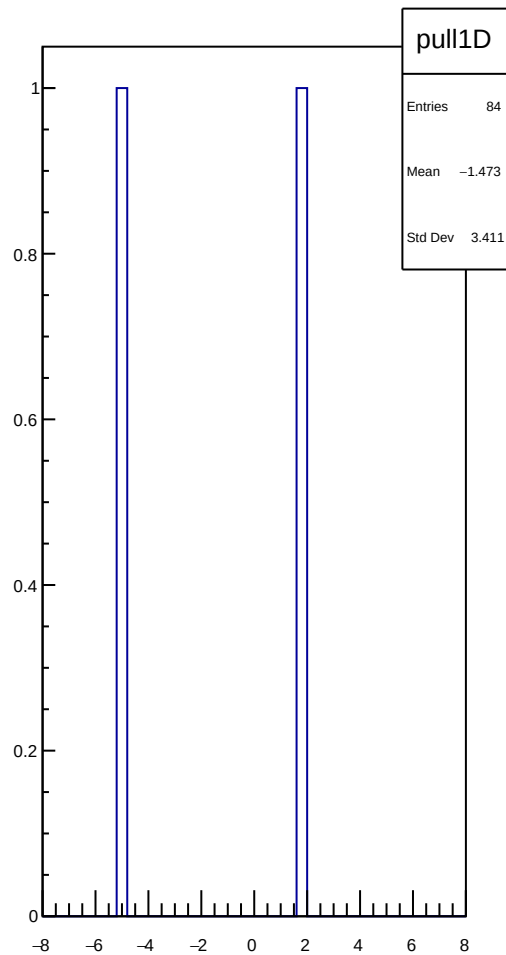
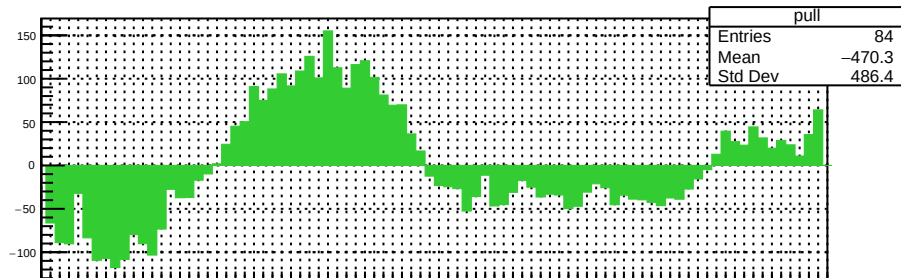
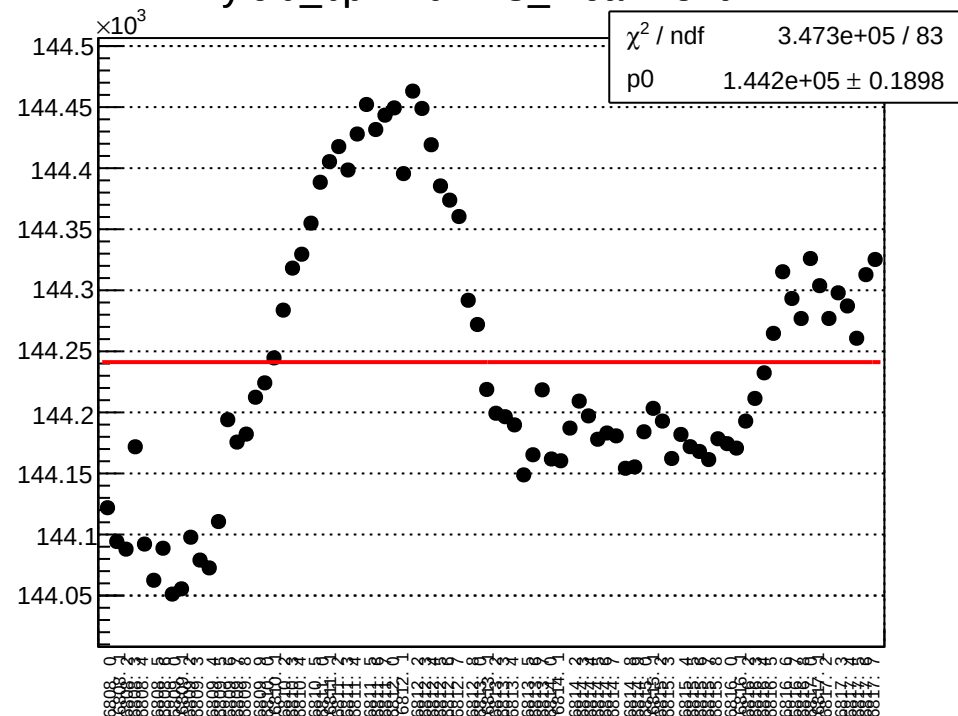
yield_bpm0i07WS_mean vs run



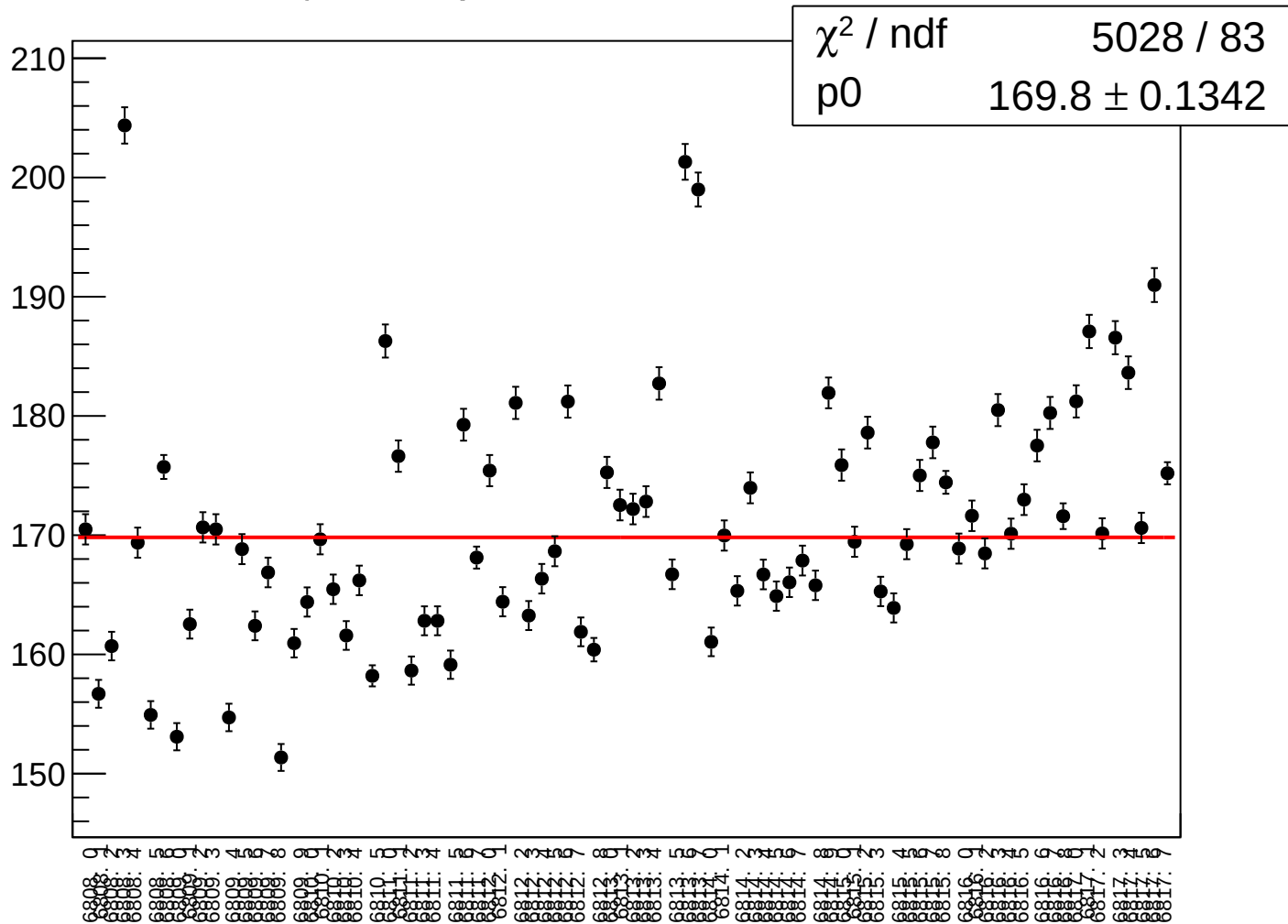
yield_bpm0i07WS_rms vs run



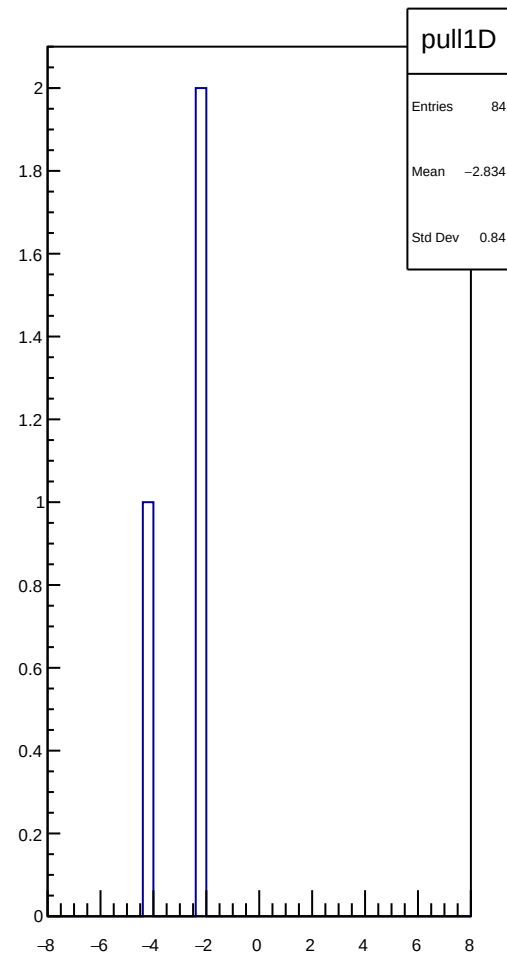
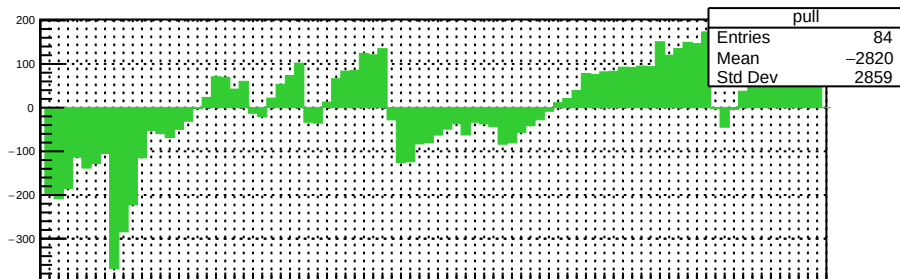
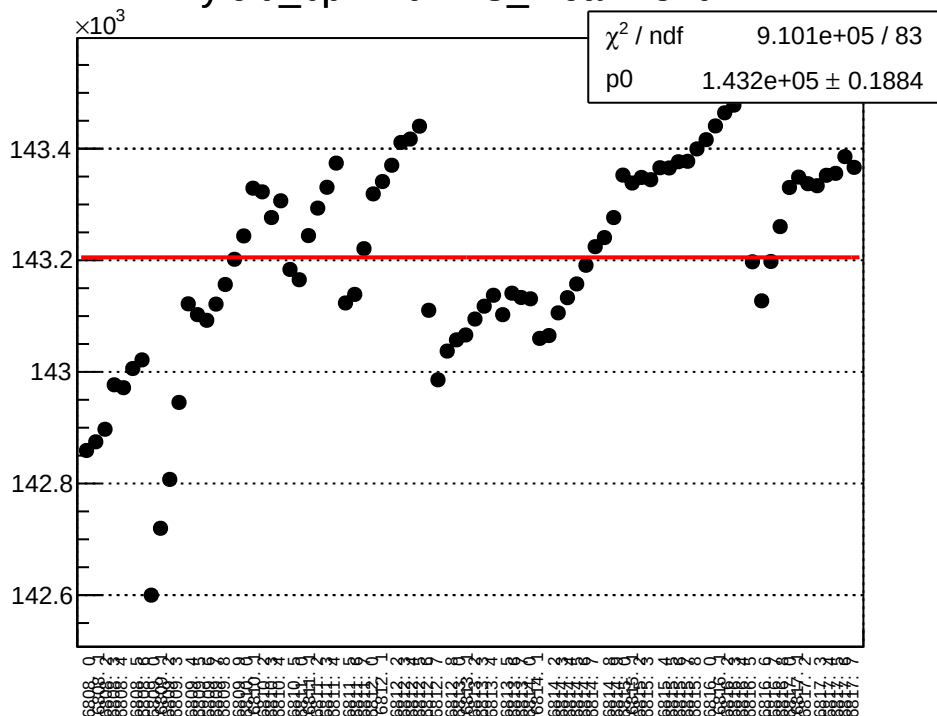
yield_bpm1i02WS_mean vs run



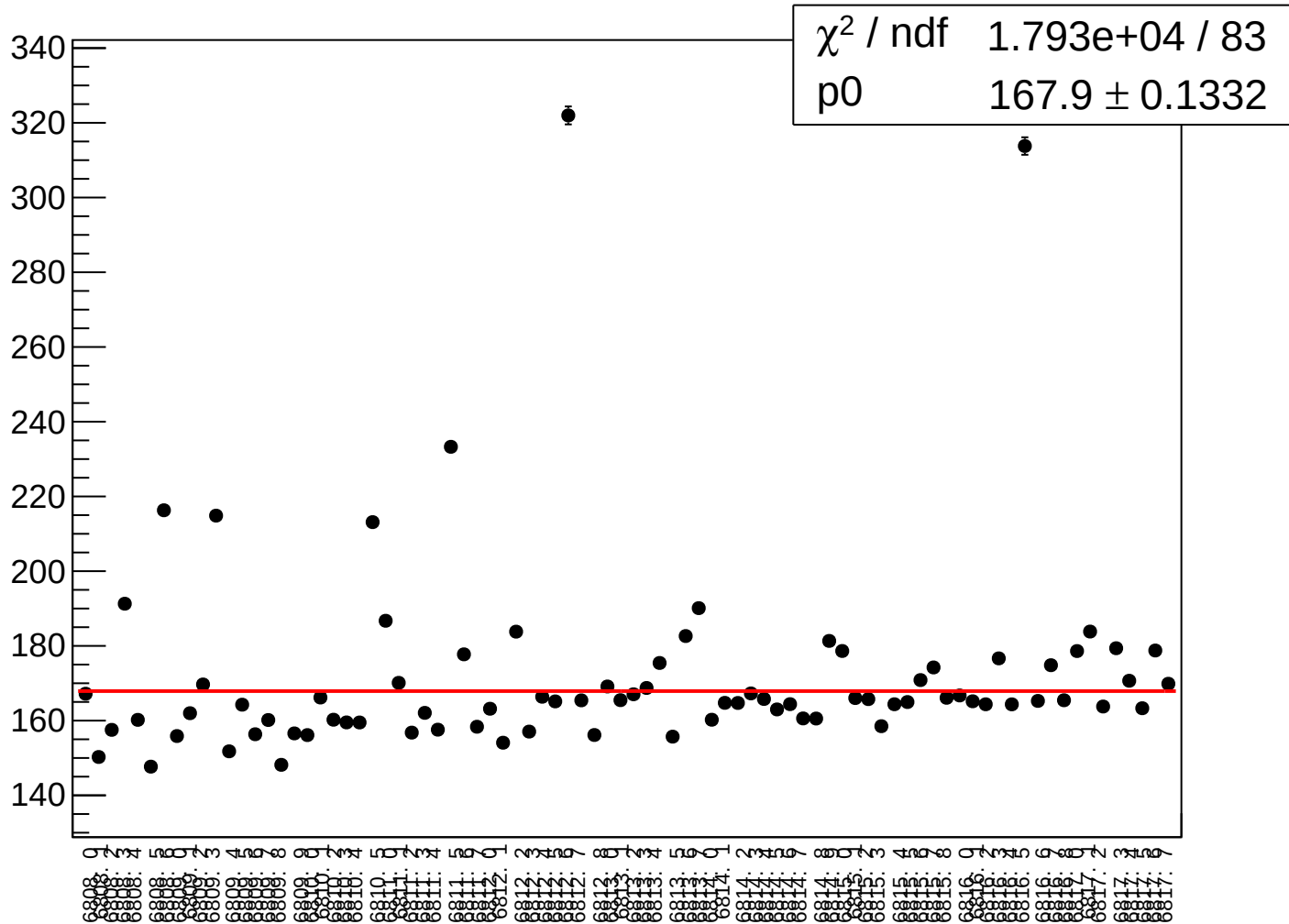
yield_bpm1i02WS_rms vs run



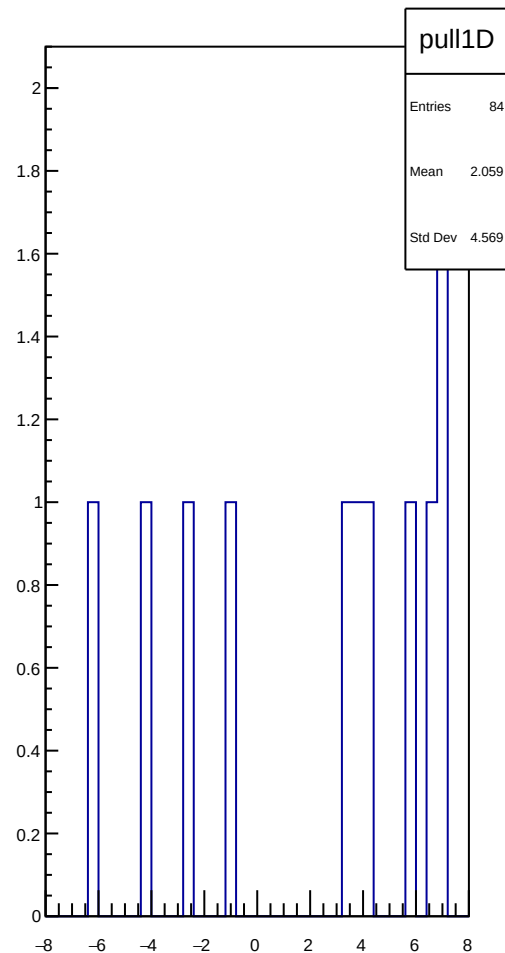
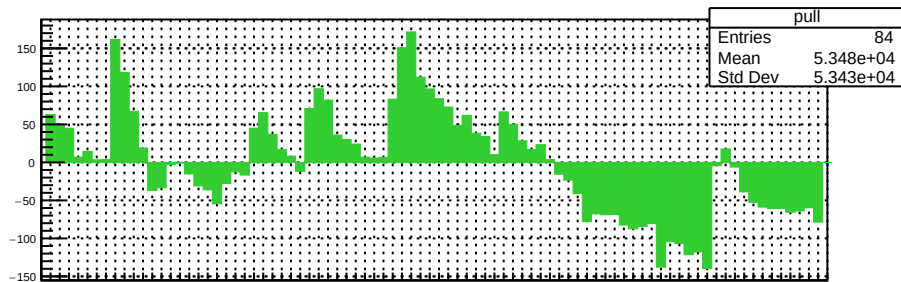
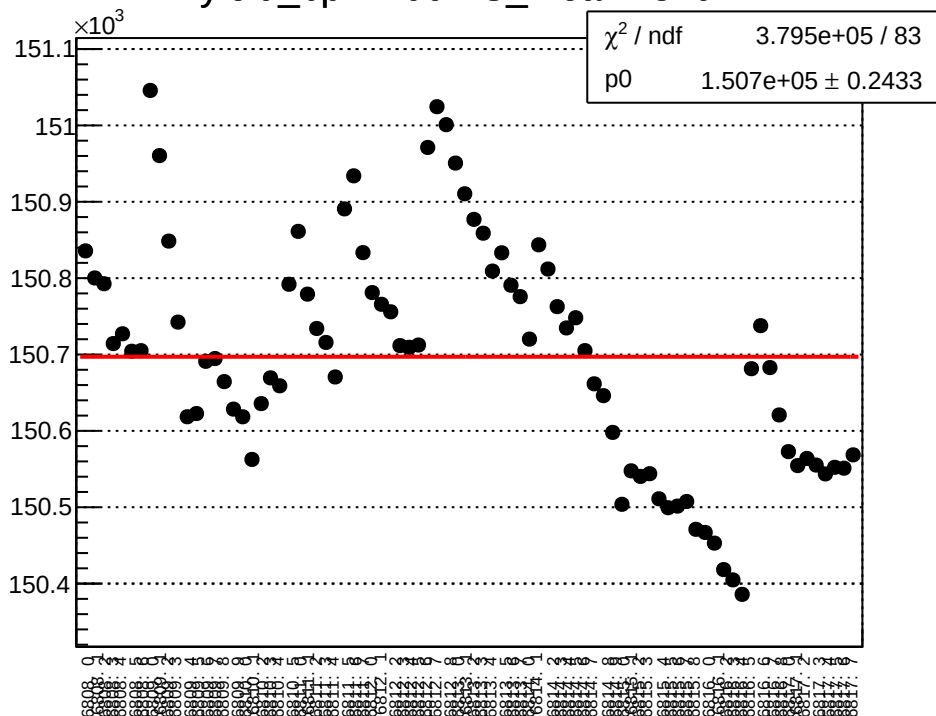
yield_bpm1i04WS_mean vs run



yield_bpm1i04WS_rms vs run



yield_bpm1i06WS_mean vs run



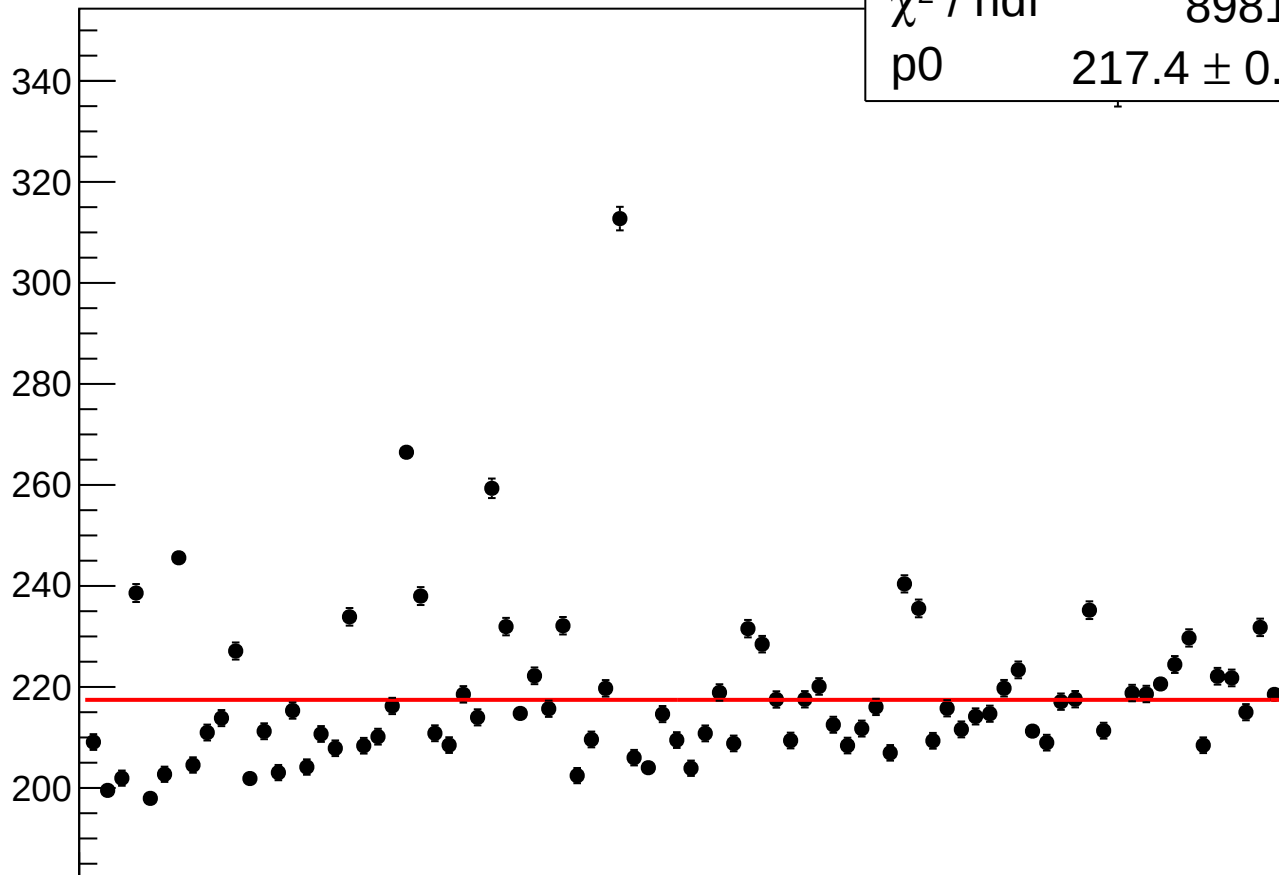
yield_bpm1i06WS_rms vs run

χ^2 / ndf

8981 / 83

p0

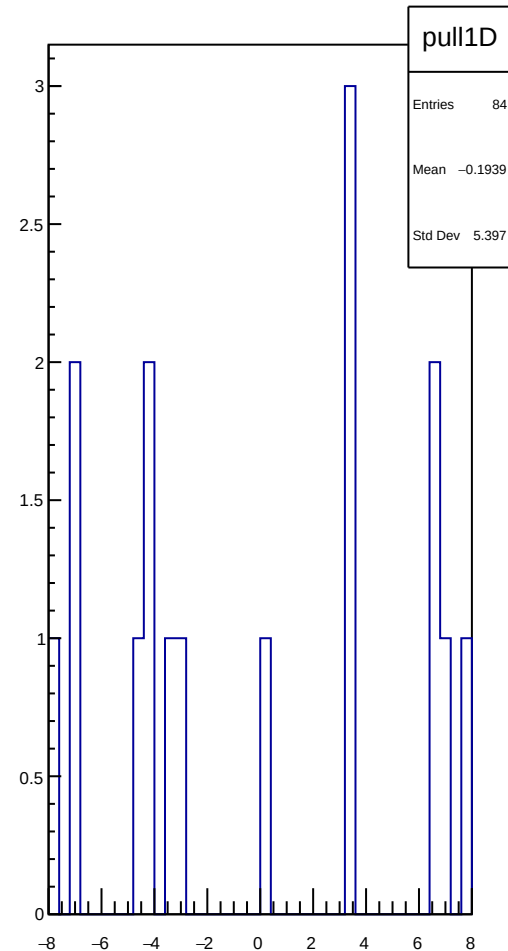
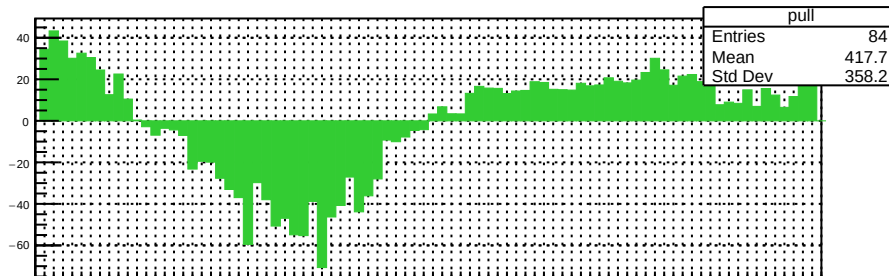
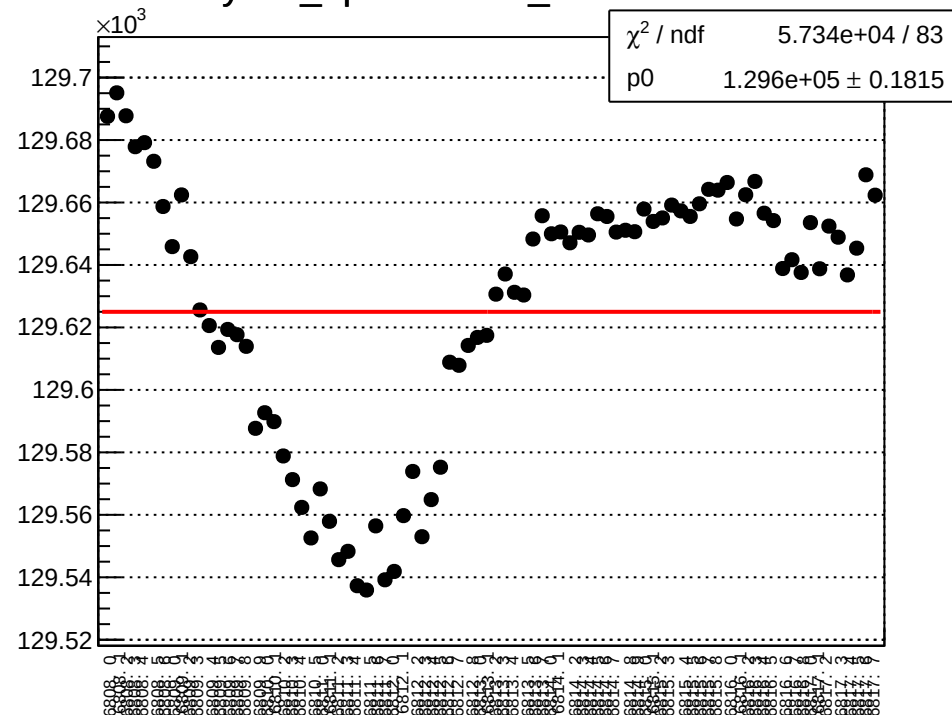
217.4 ± 0.1721



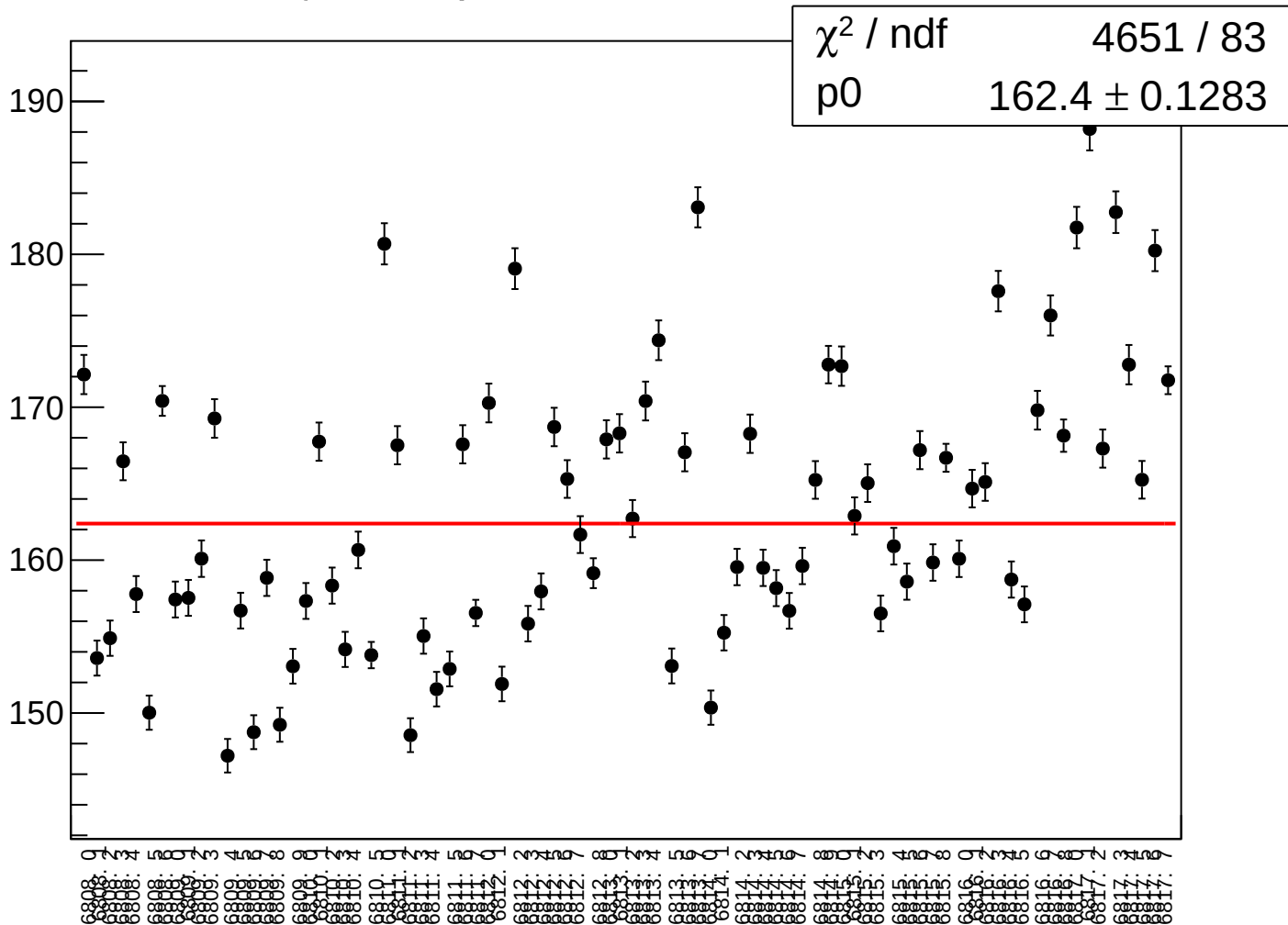
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yield_bpm1i06WS_rms

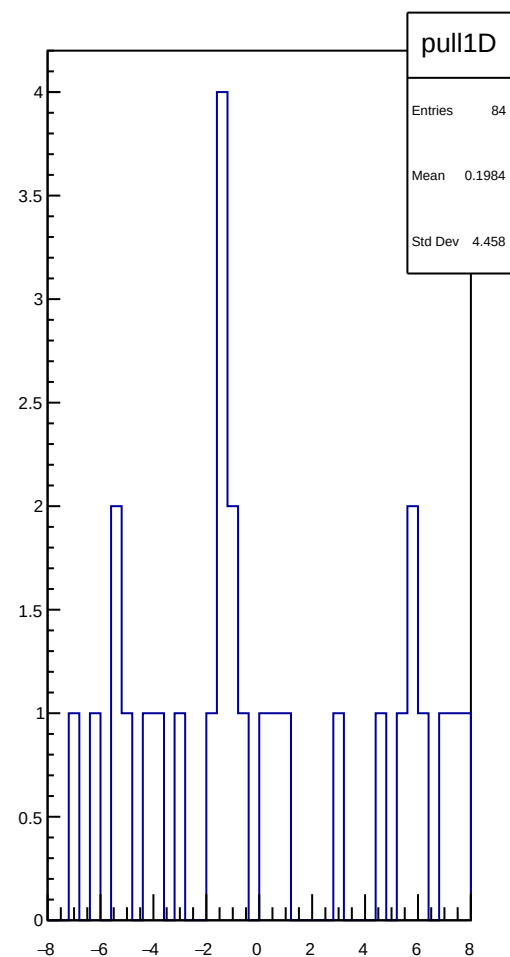
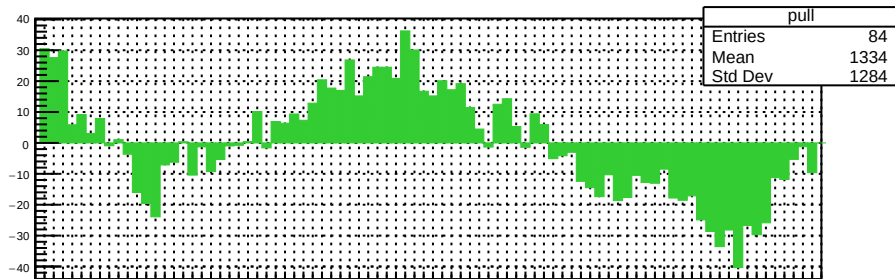
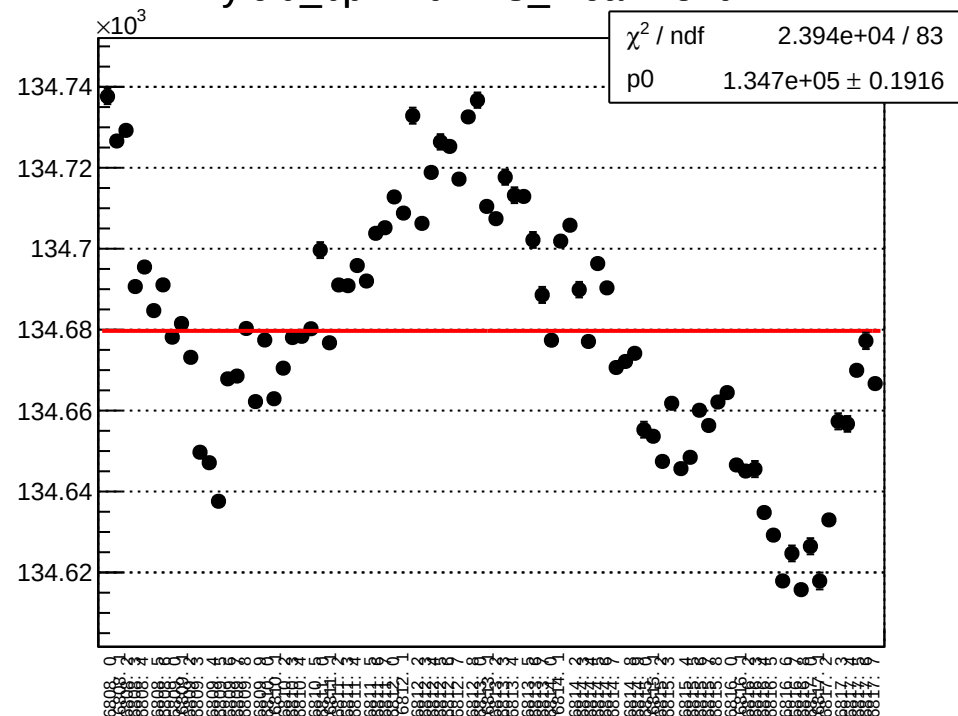
yield_bpm2i01WS_mean vs run



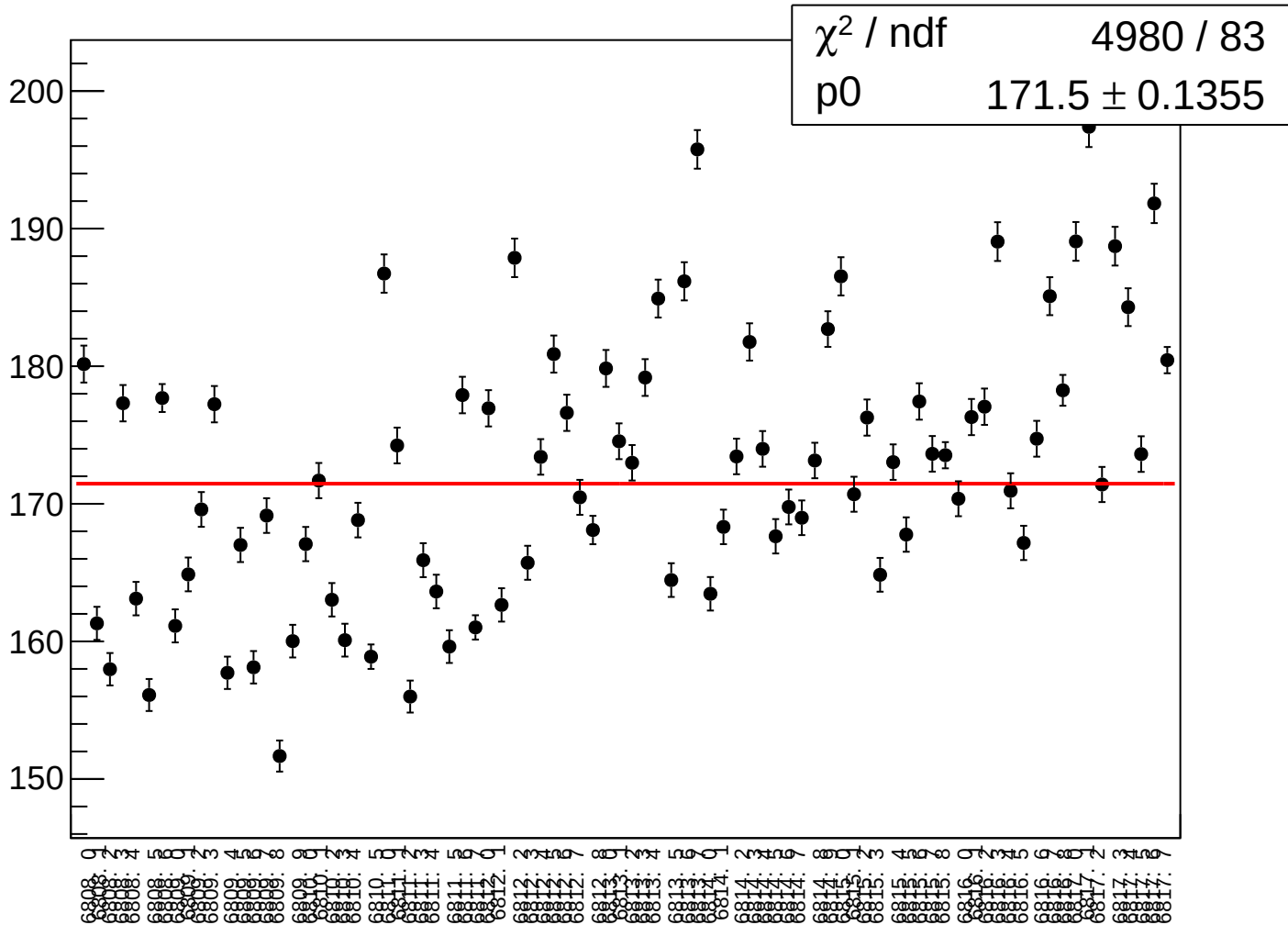
yield_bpm2i01WS_rms vs run



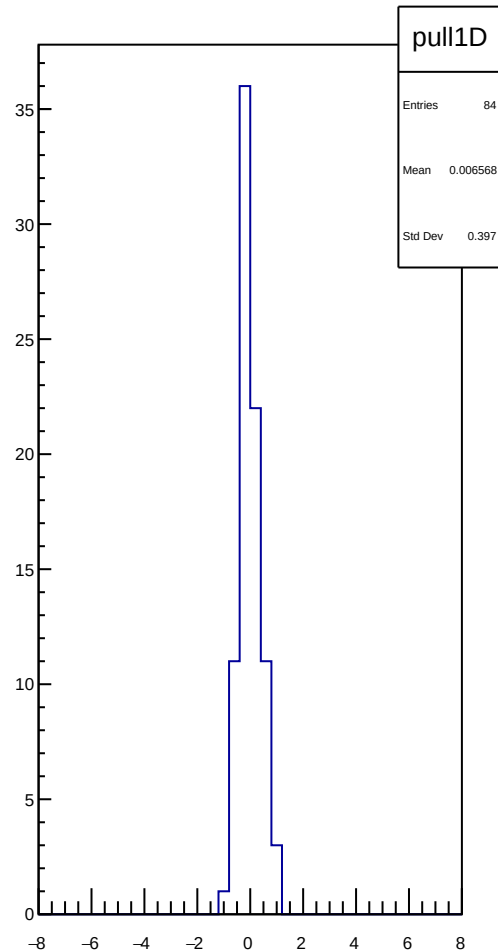
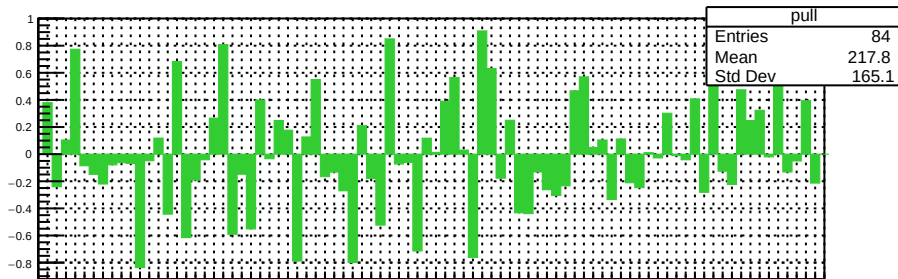
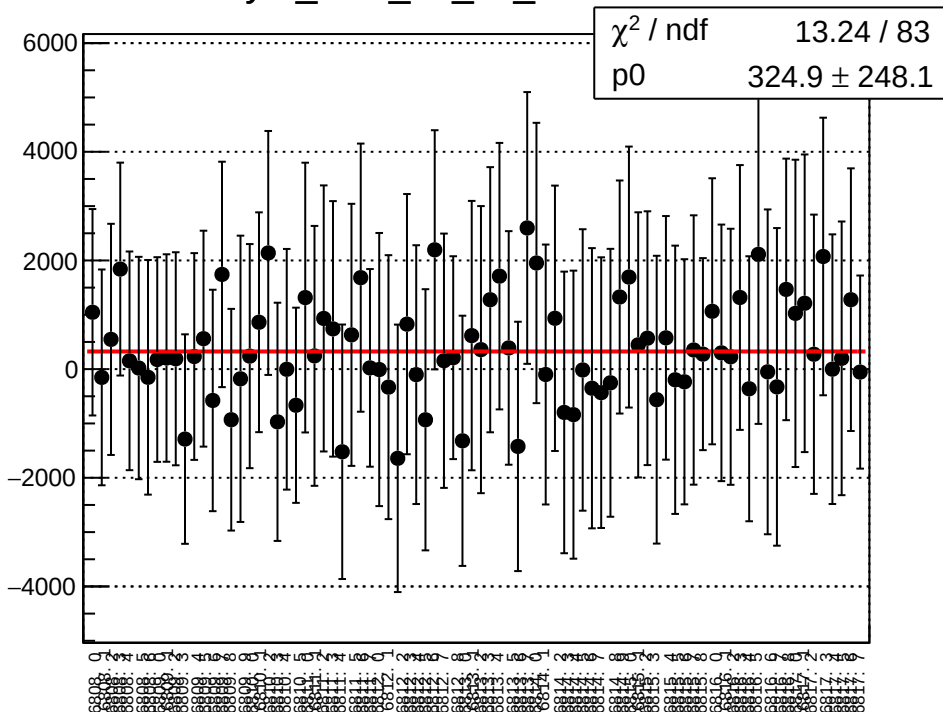
yield_bpm2i02WS_mean vs run



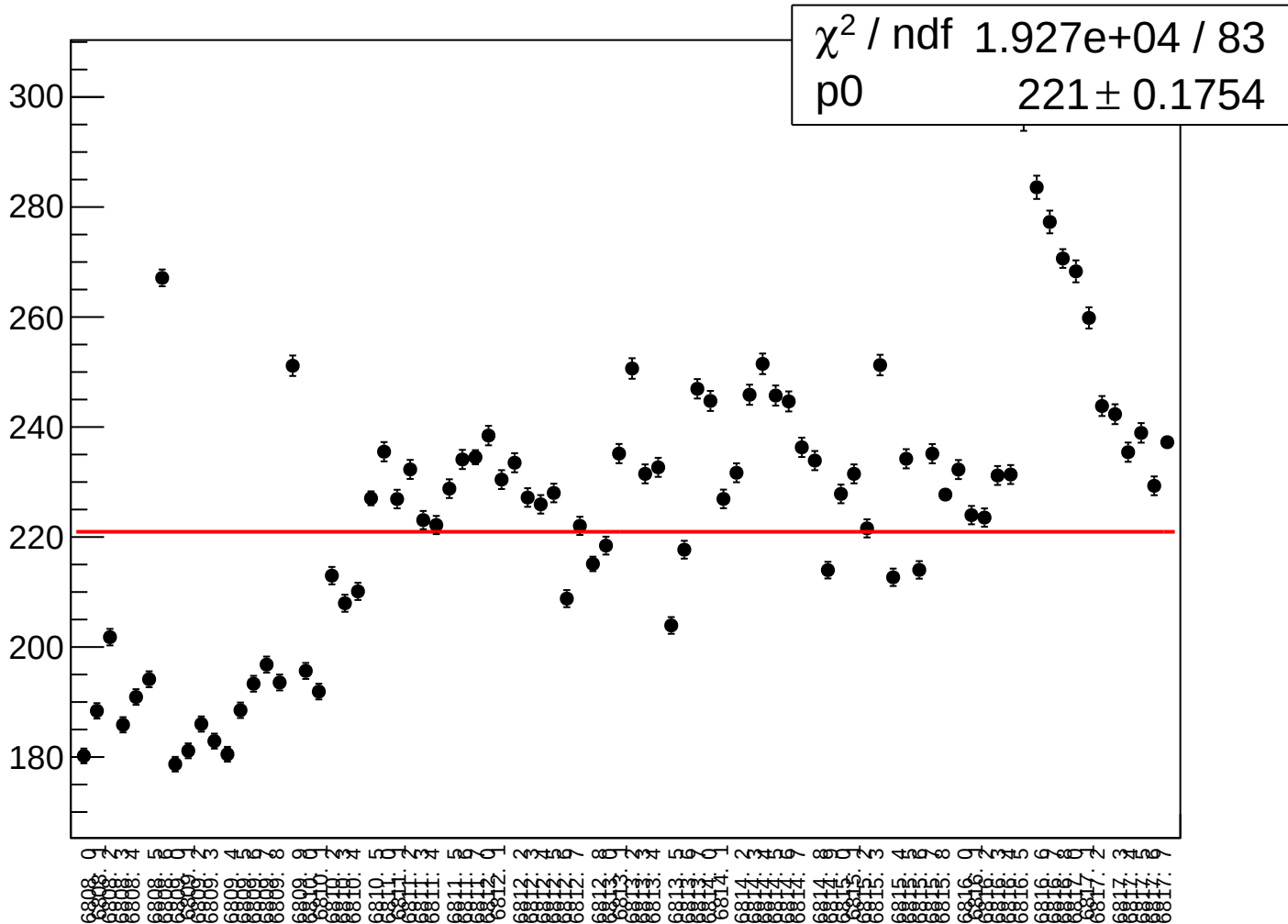
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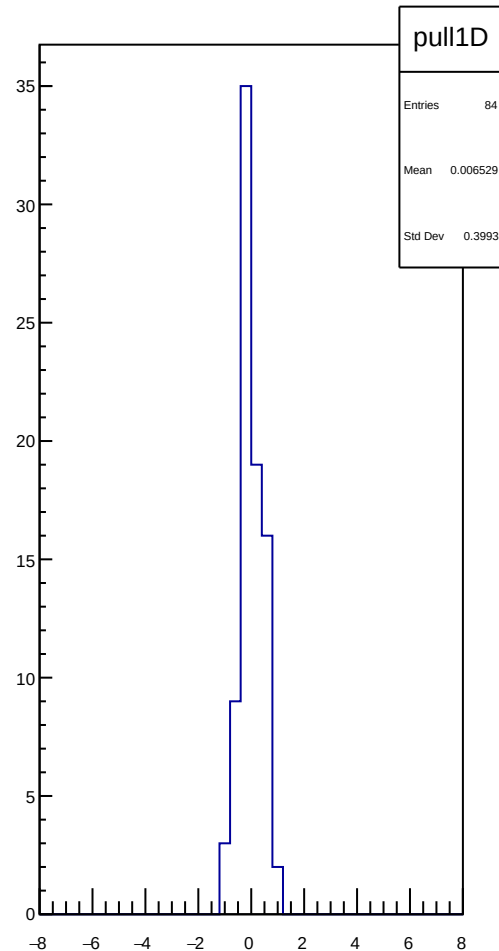
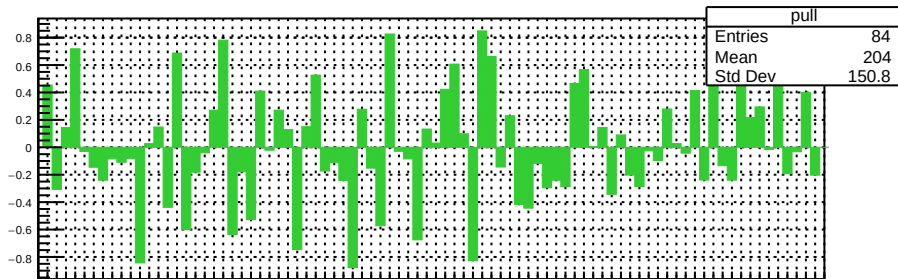
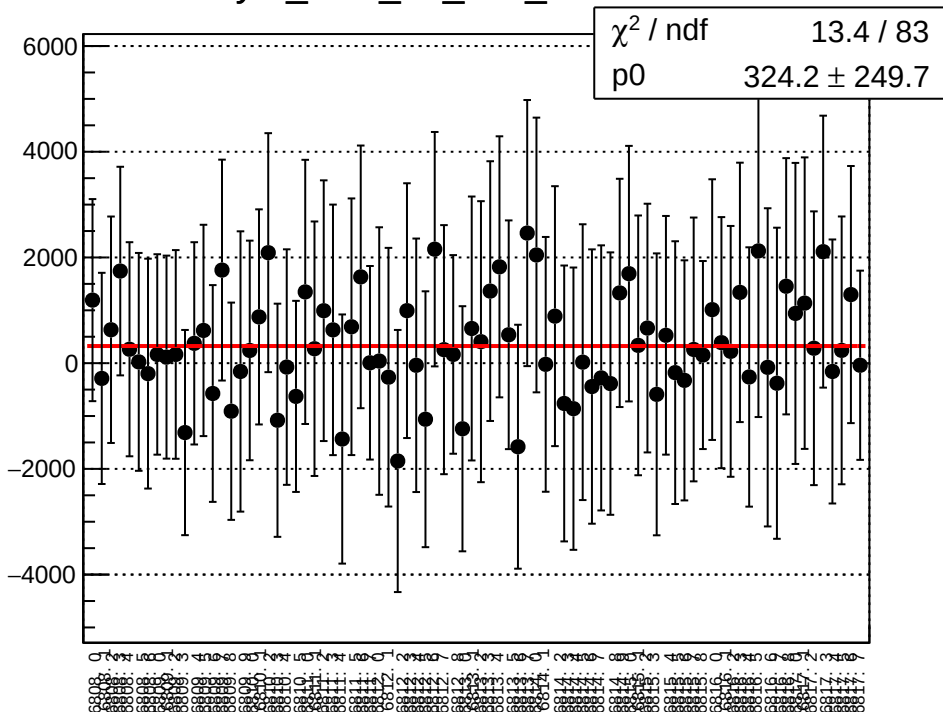
asym_bcm_an_ds_mean vs run



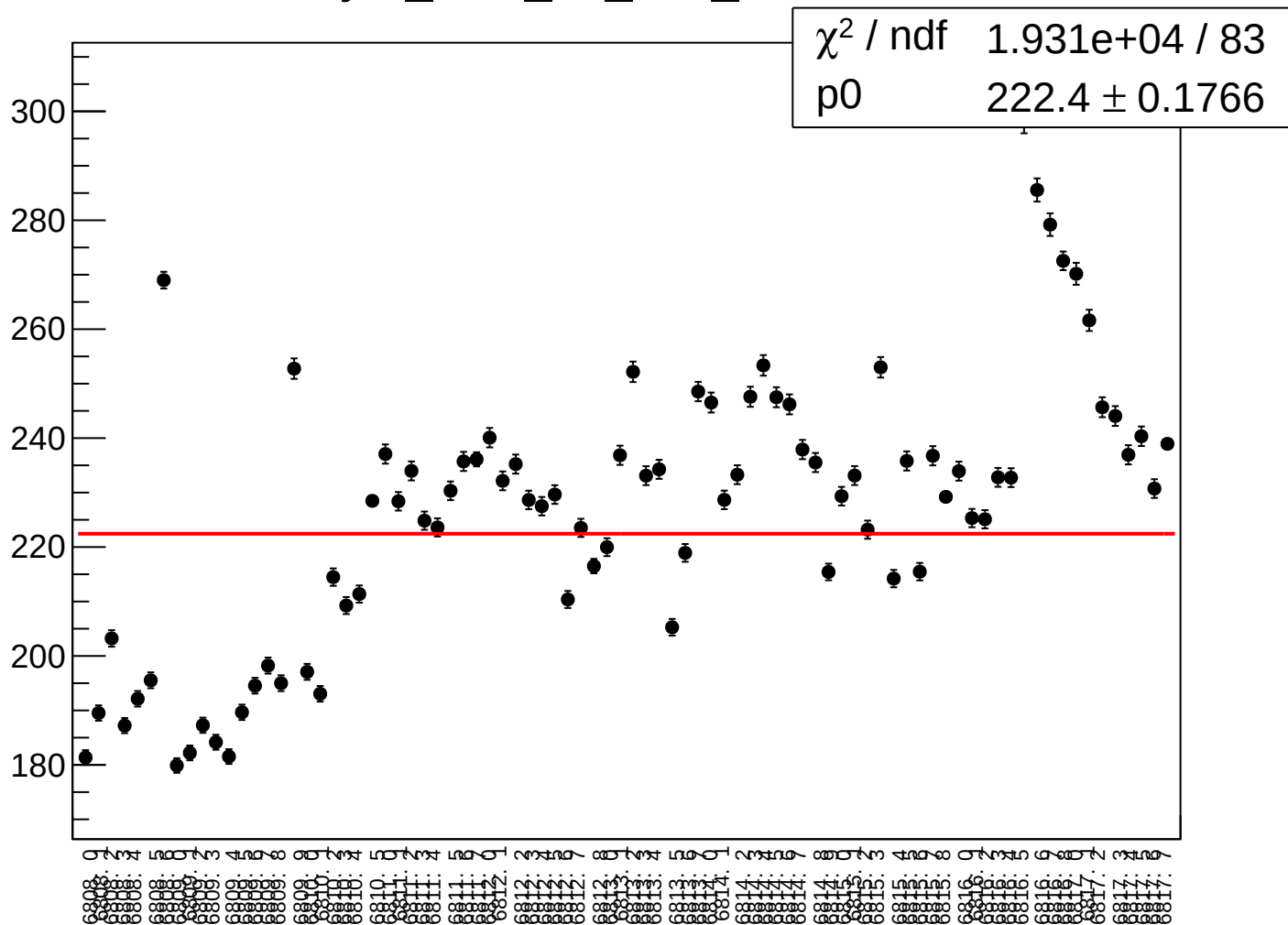
asym_bcm_an_ds_rms vs run



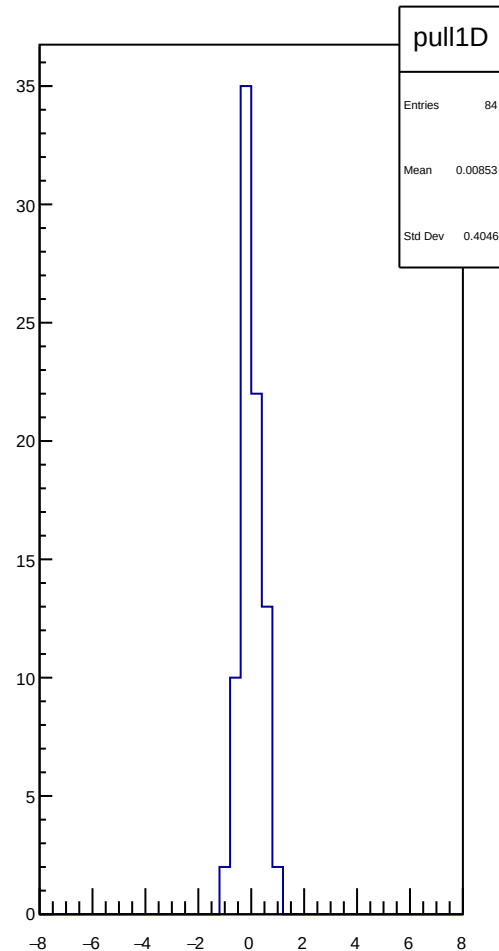
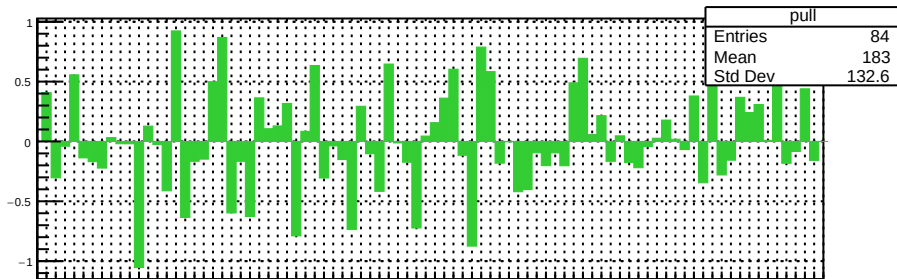
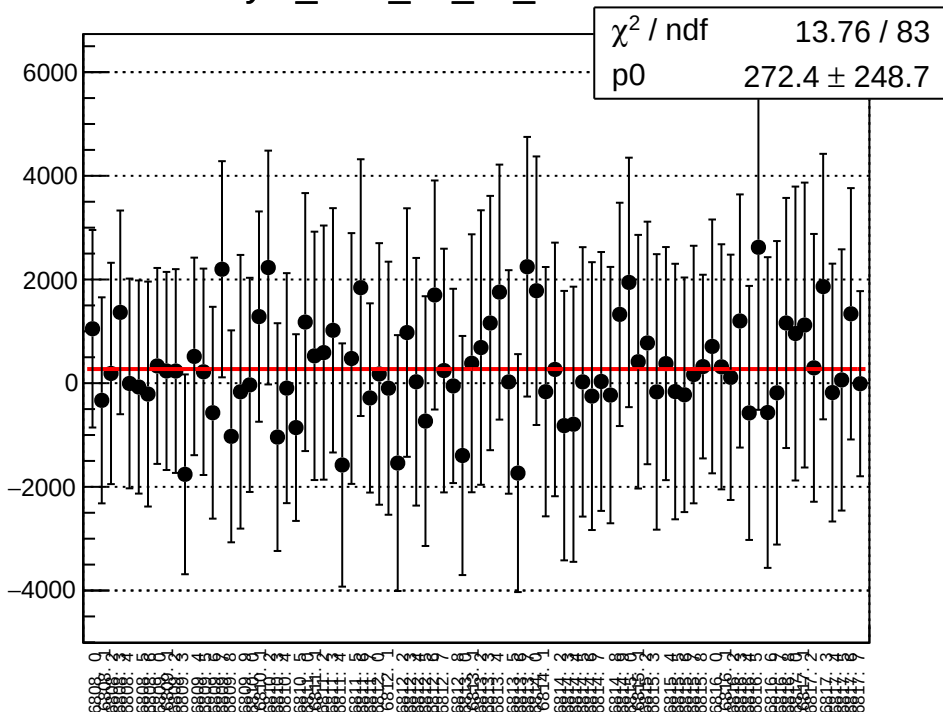
asym_bcm_an_ds3_mean vs run



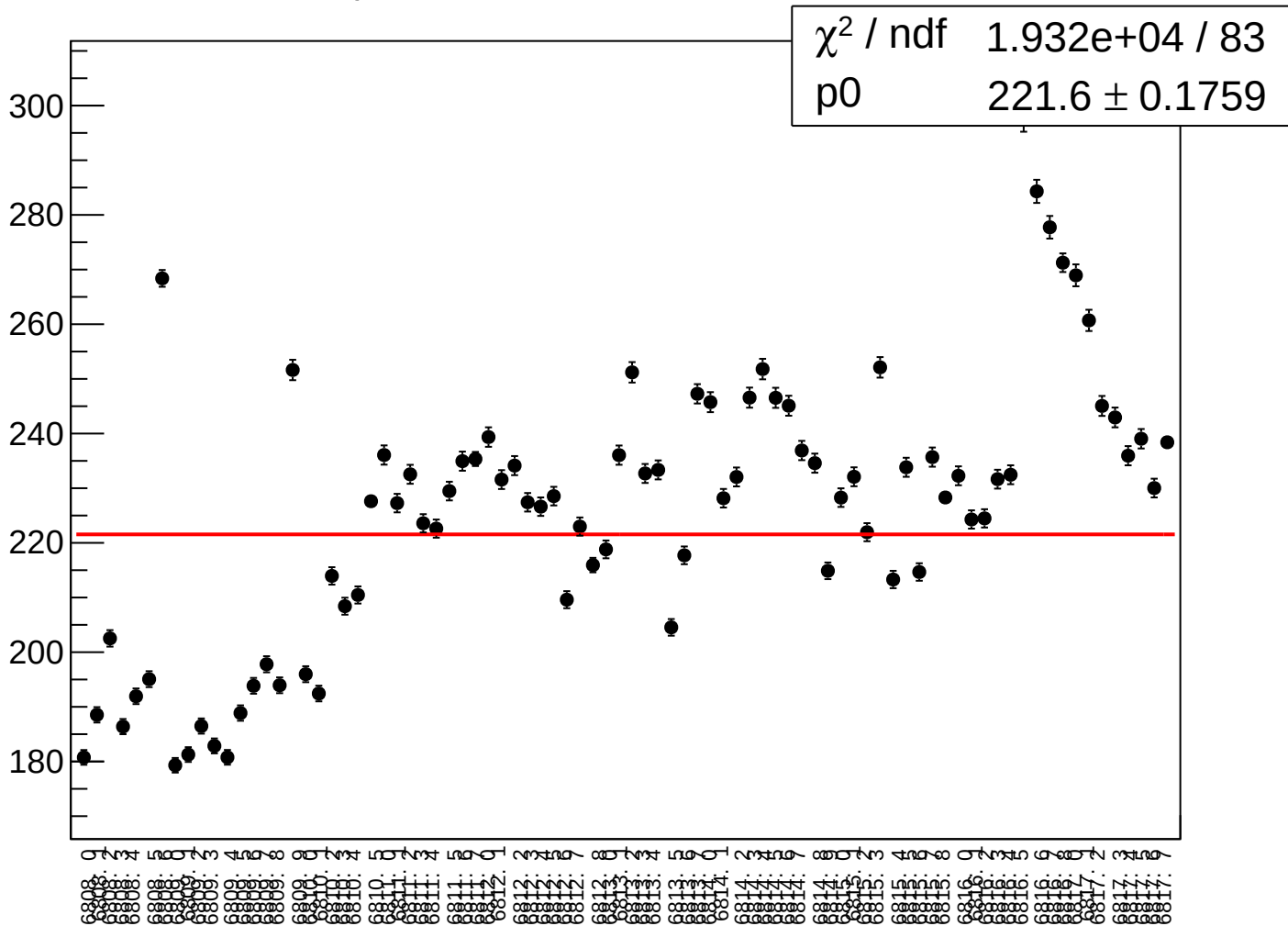
asym_bcm_an_ds3_rms vs run



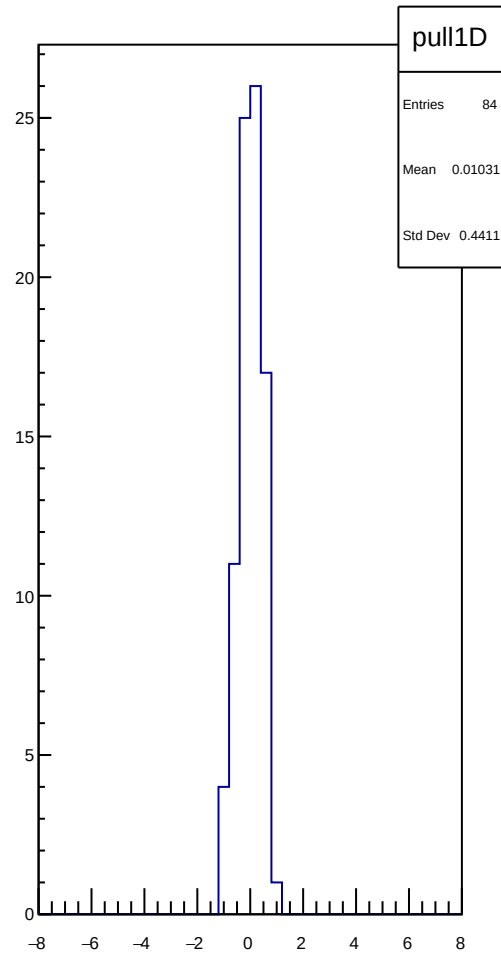
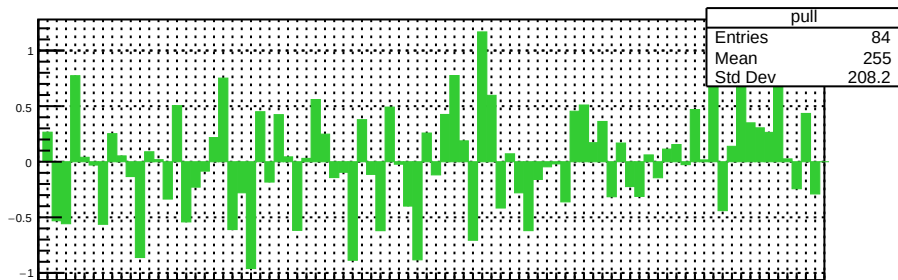
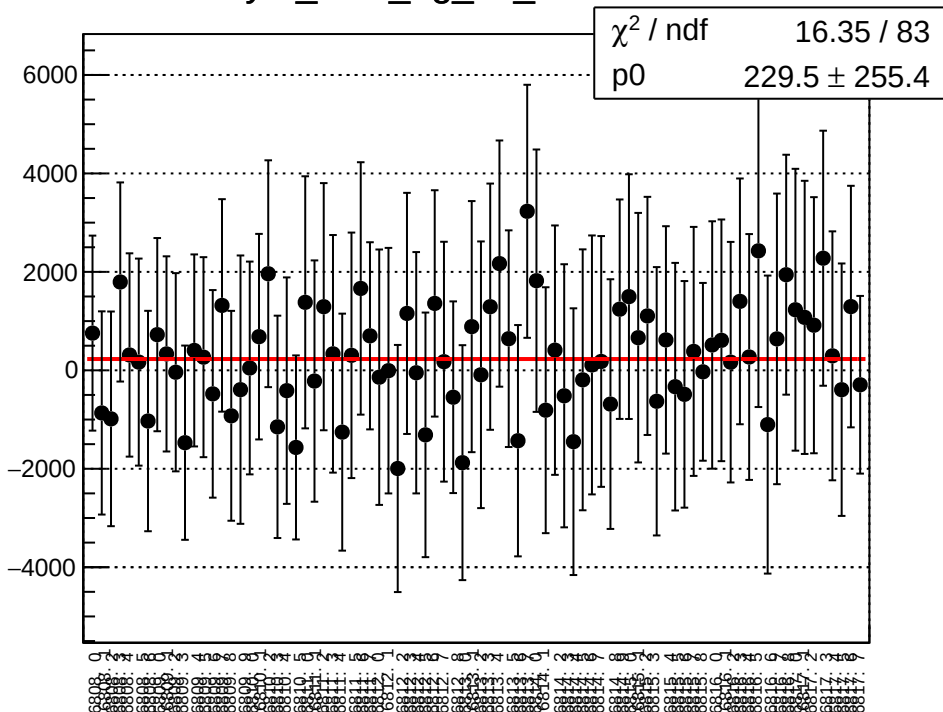
asym_bcm_an_us_mean vs run



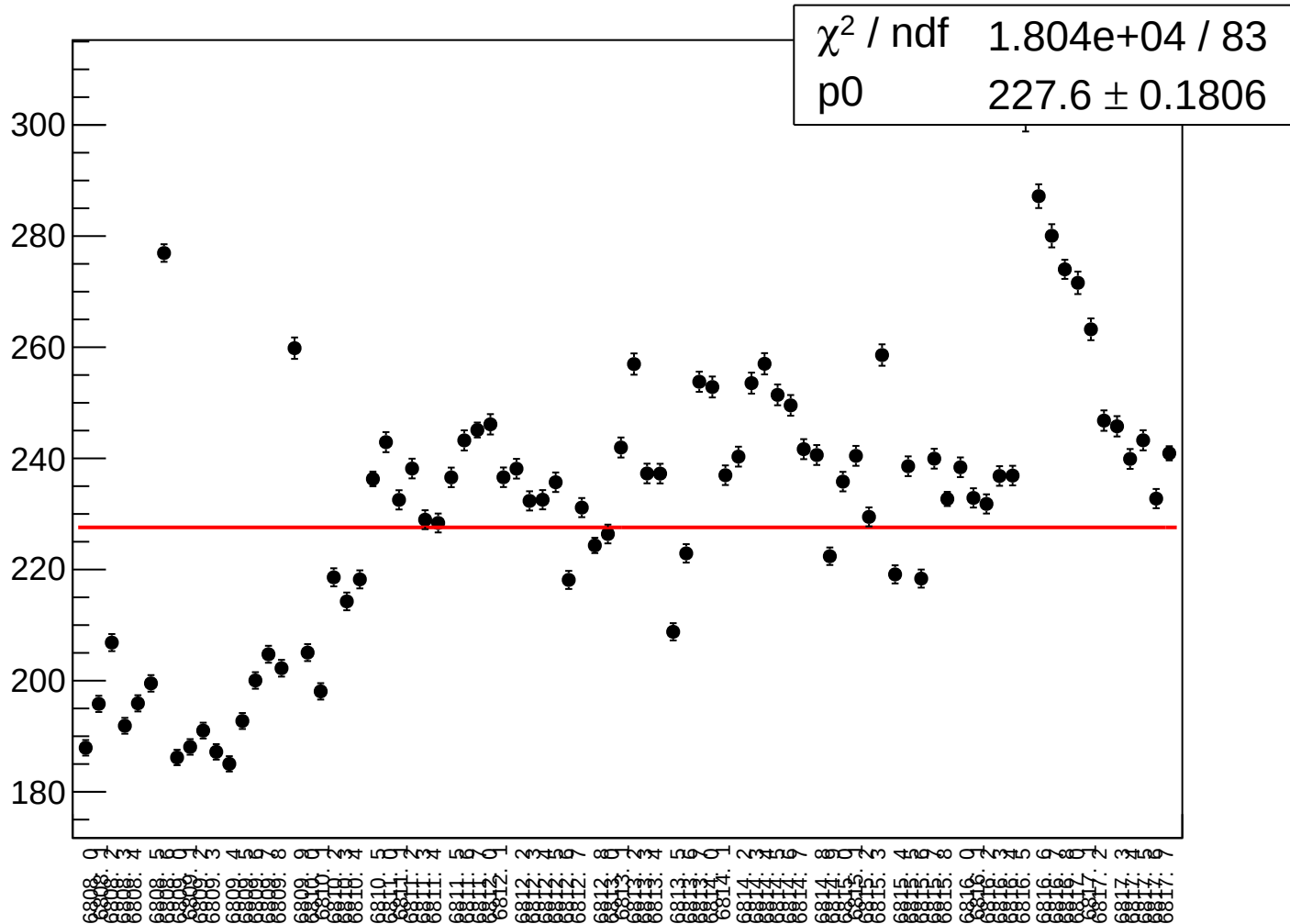
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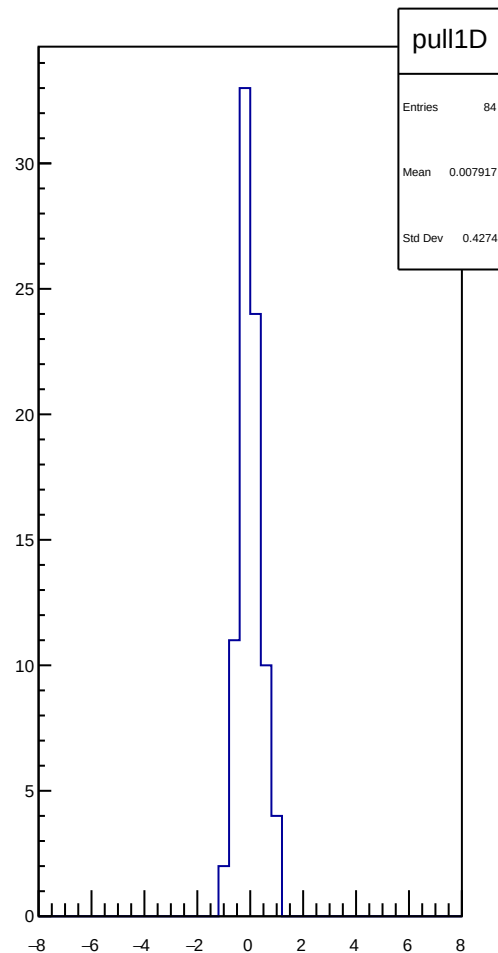
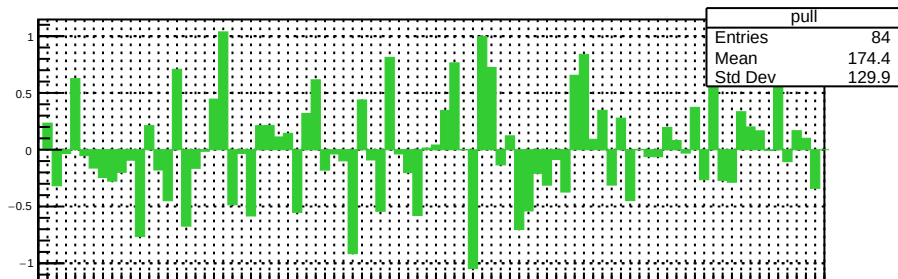
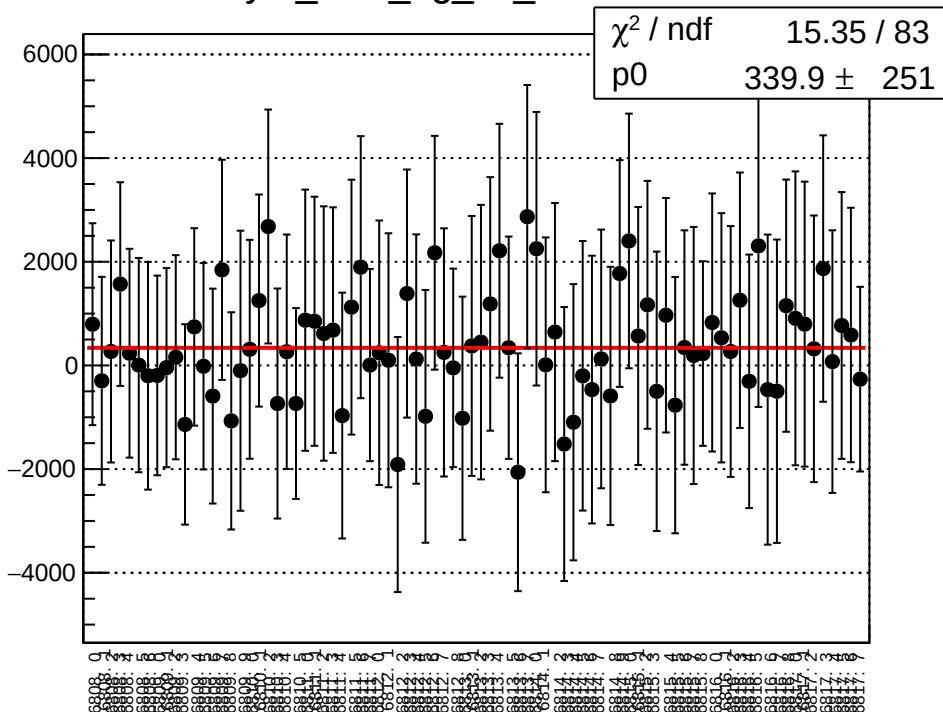
asym_bcm_dg_us_mean vs run



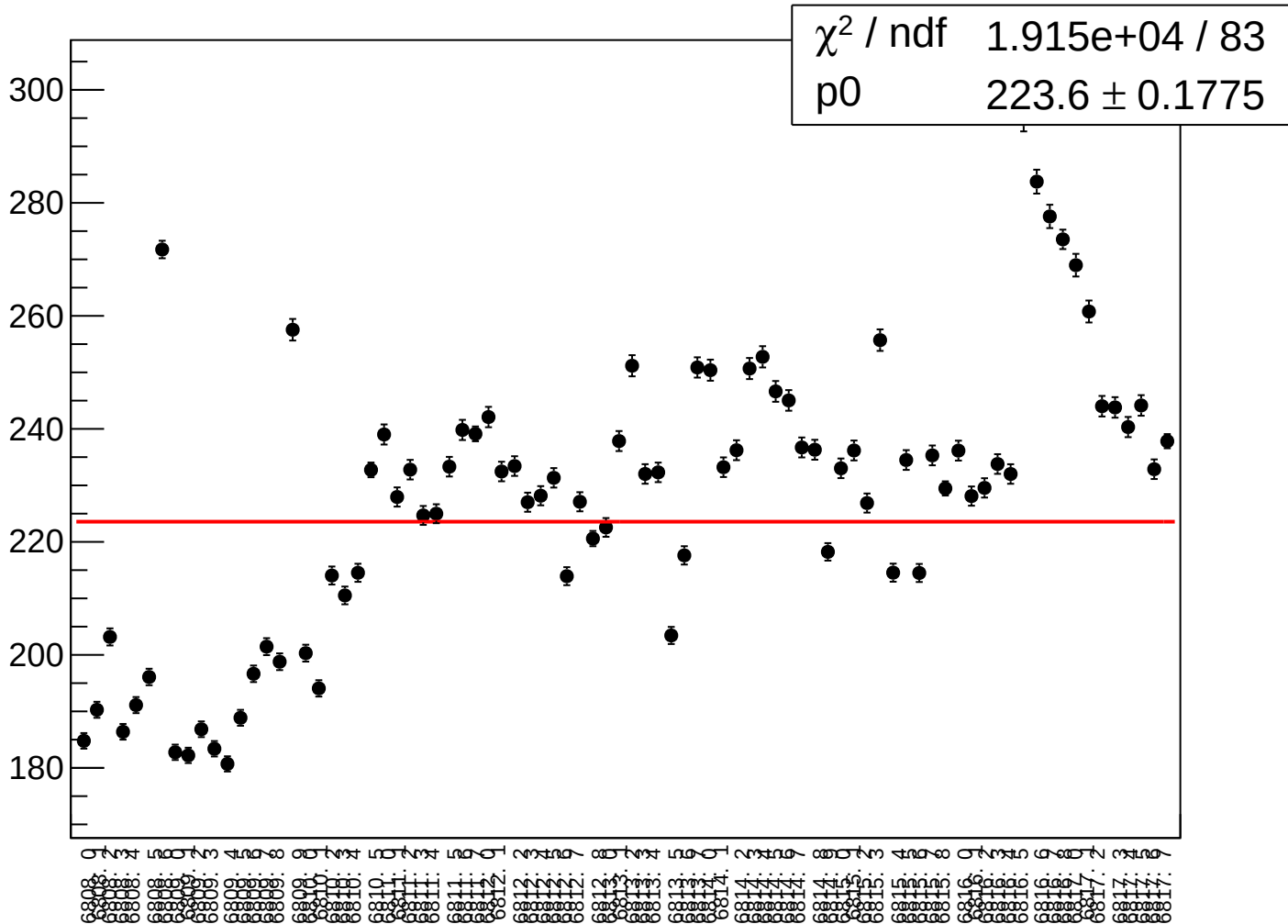
asym_bcm_dg_us_rms vs run



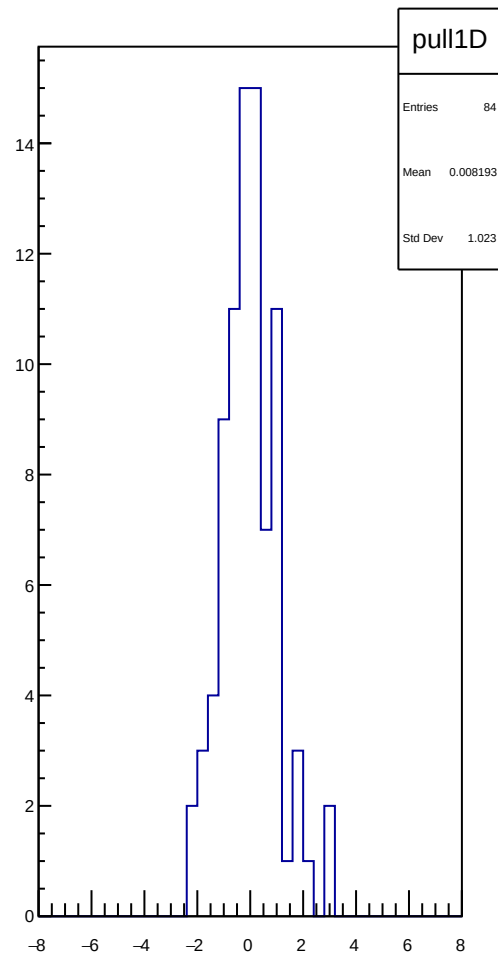
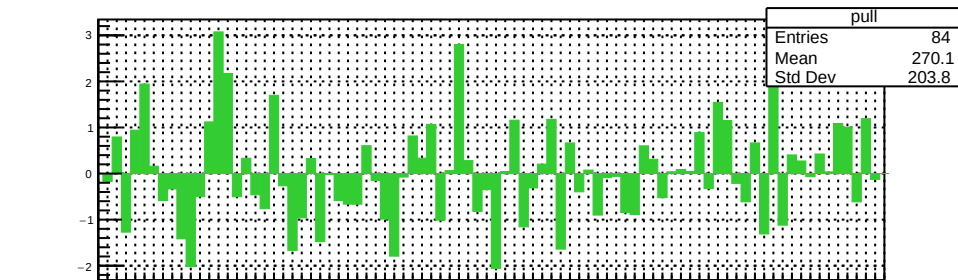
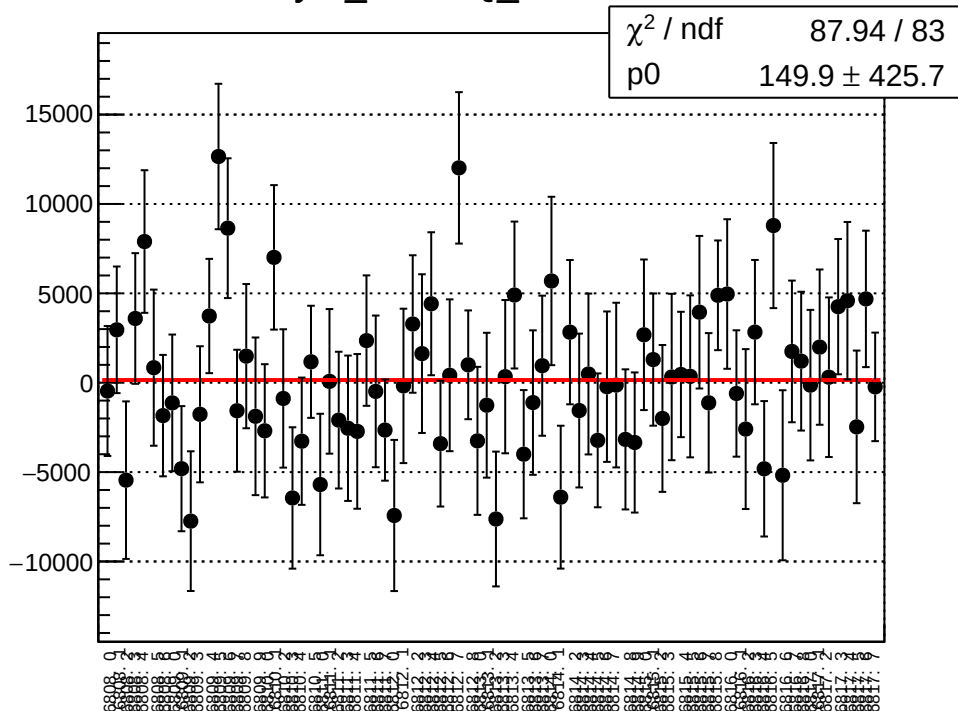
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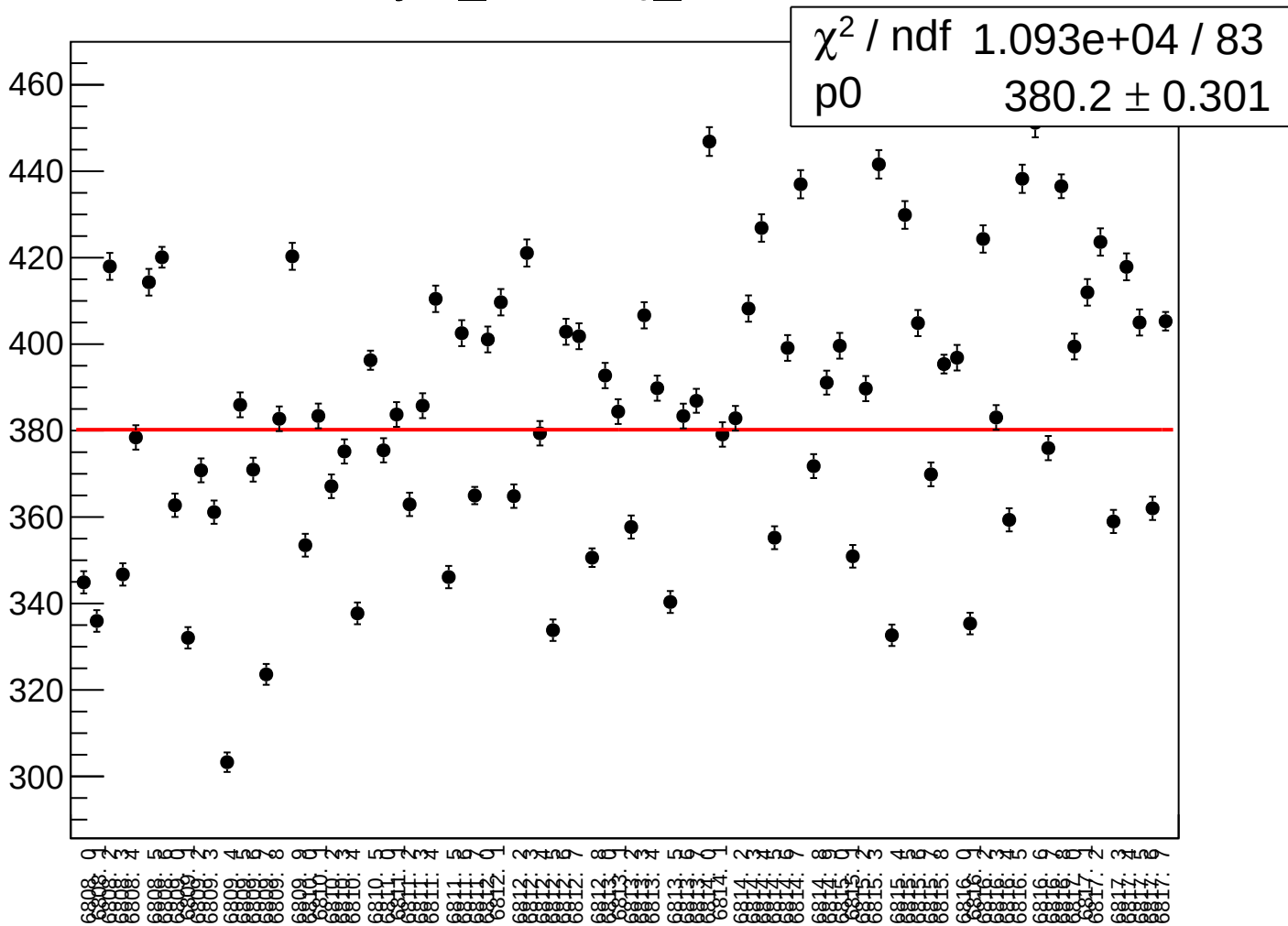
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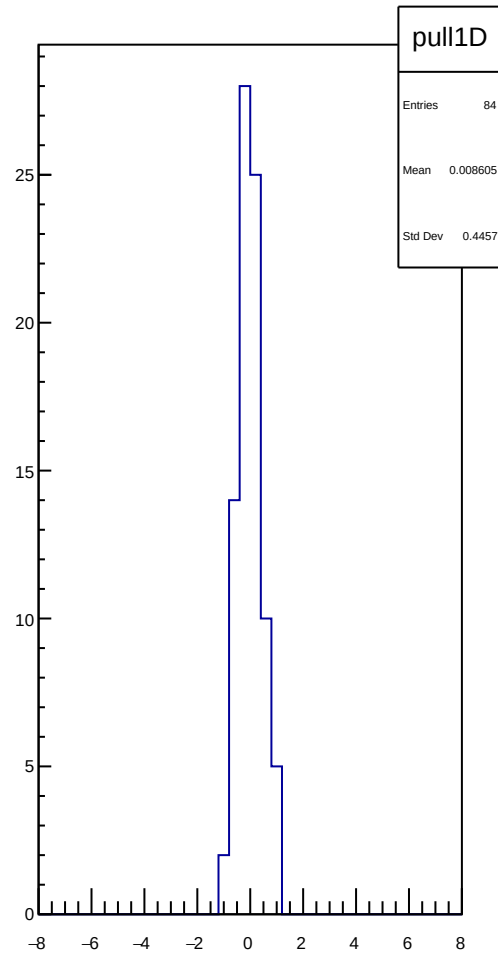
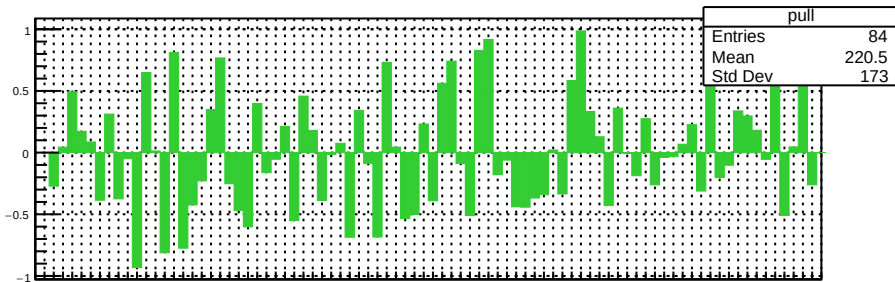
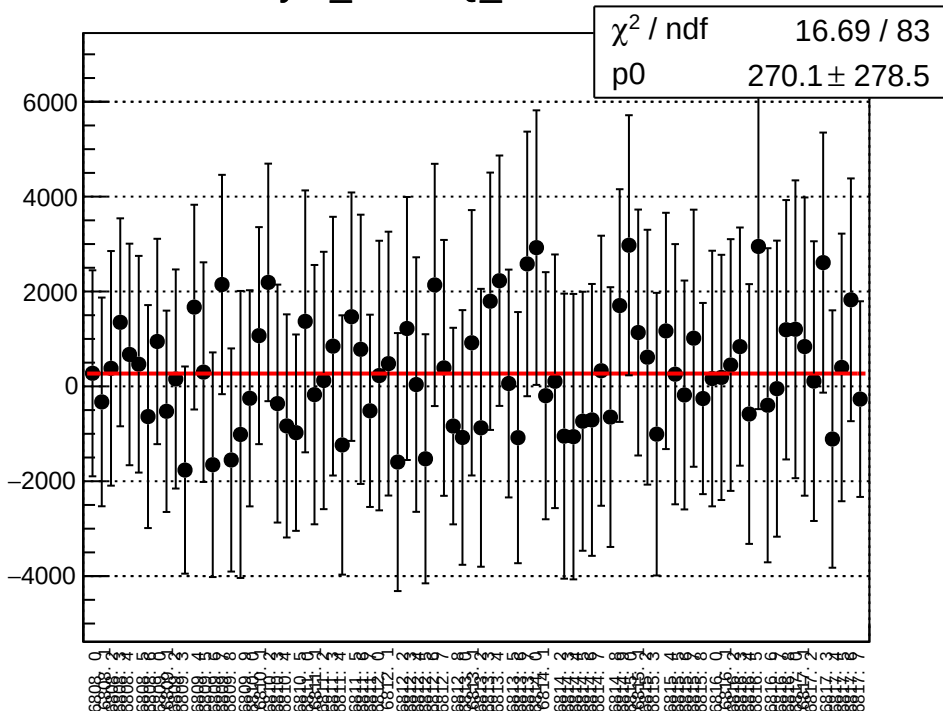
asym_cav4bQ_mean vs run



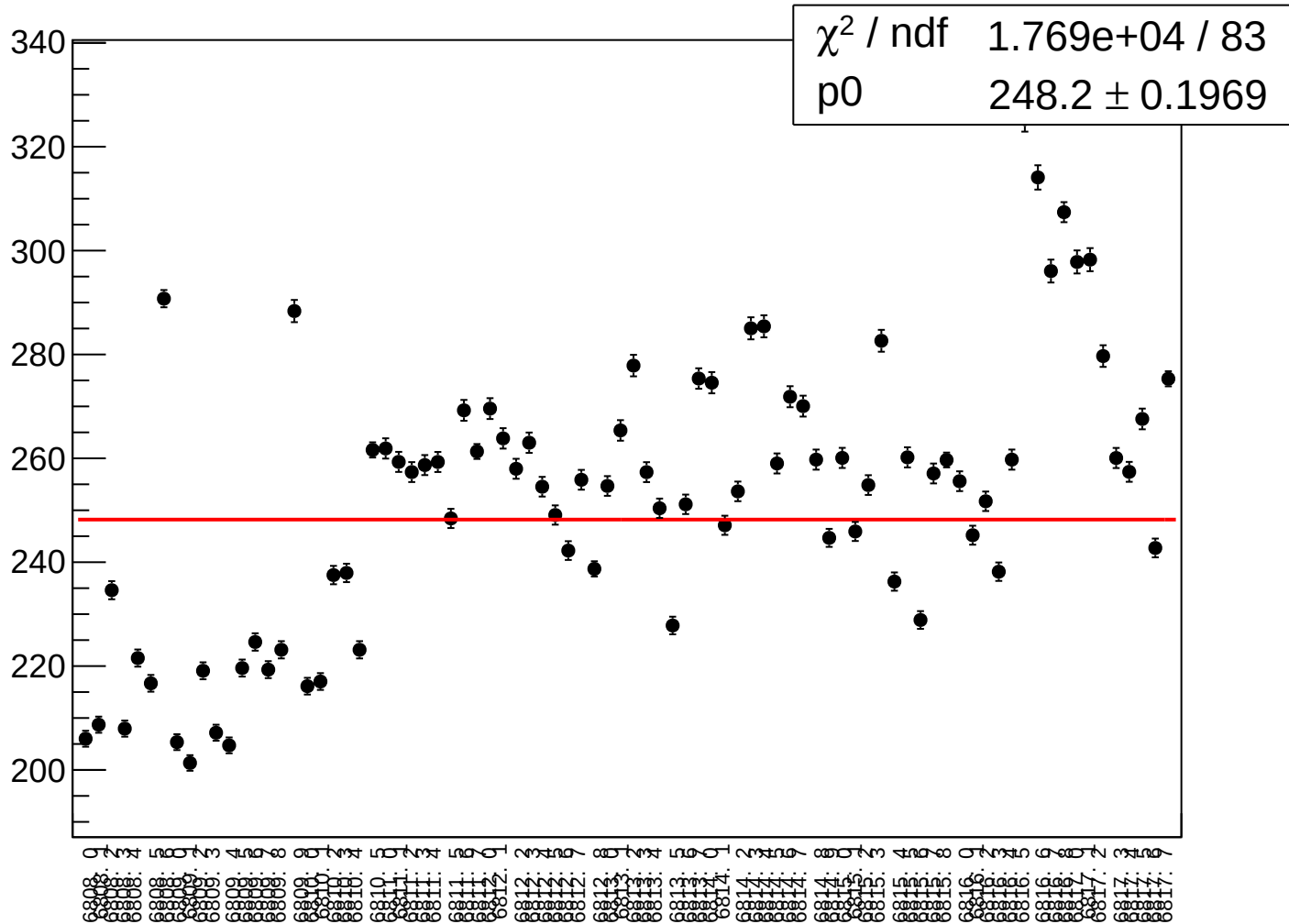
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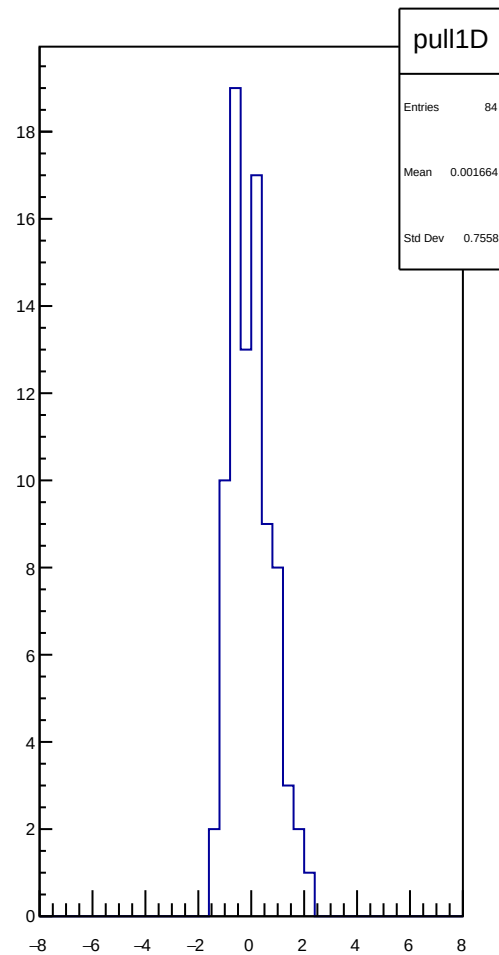
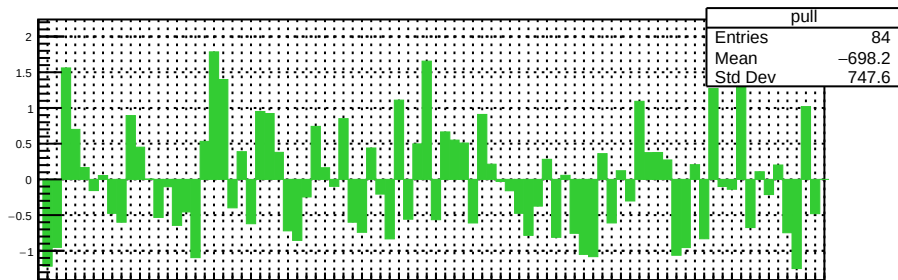
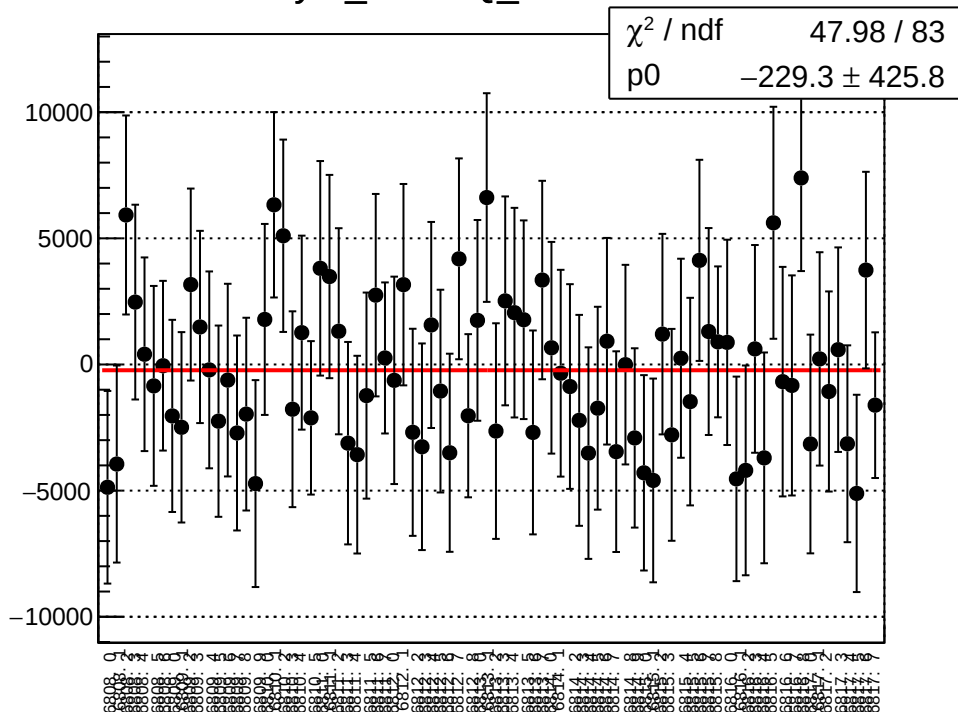
asym_cav4cQ_mean vs run



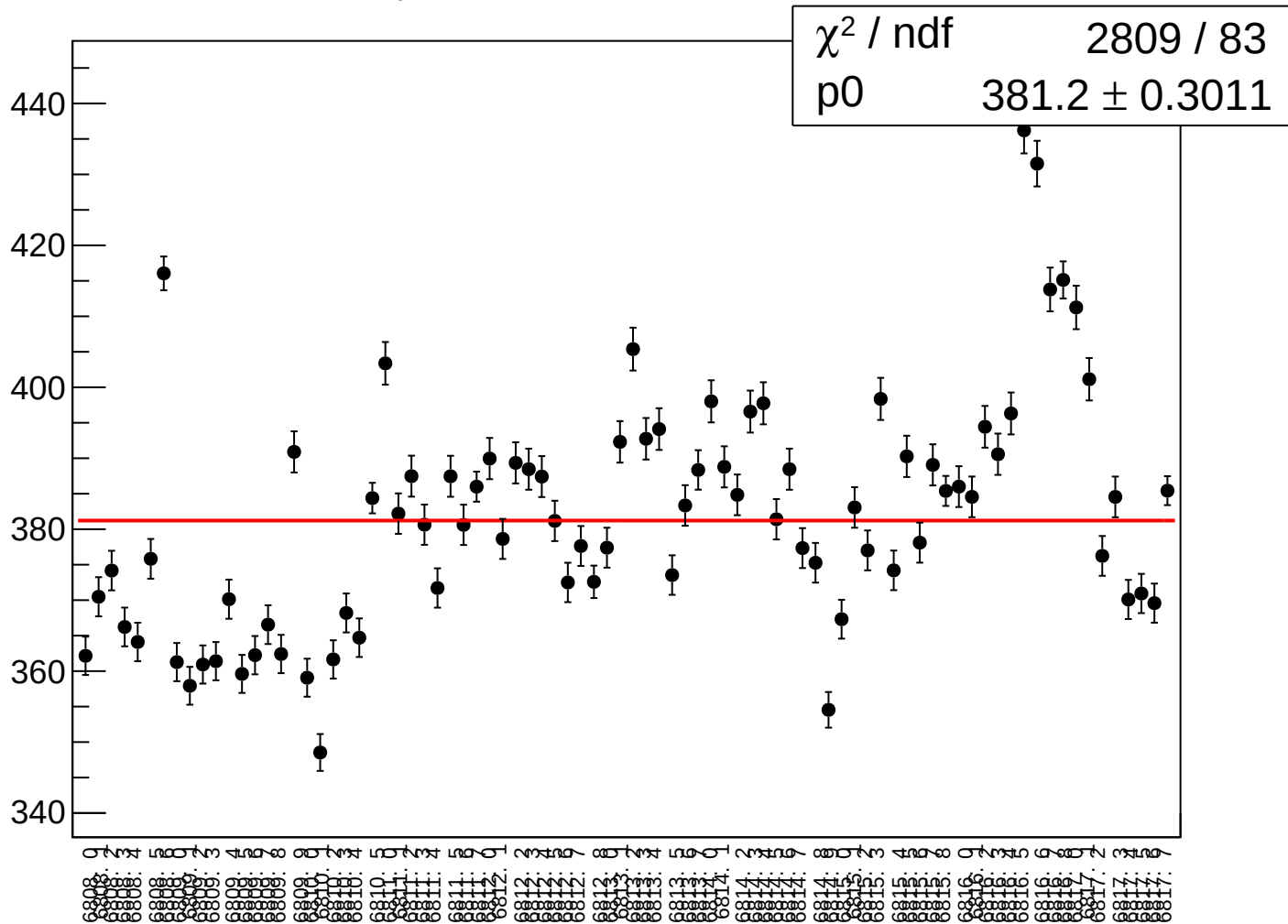
asym_cav4cQ_rms vs run



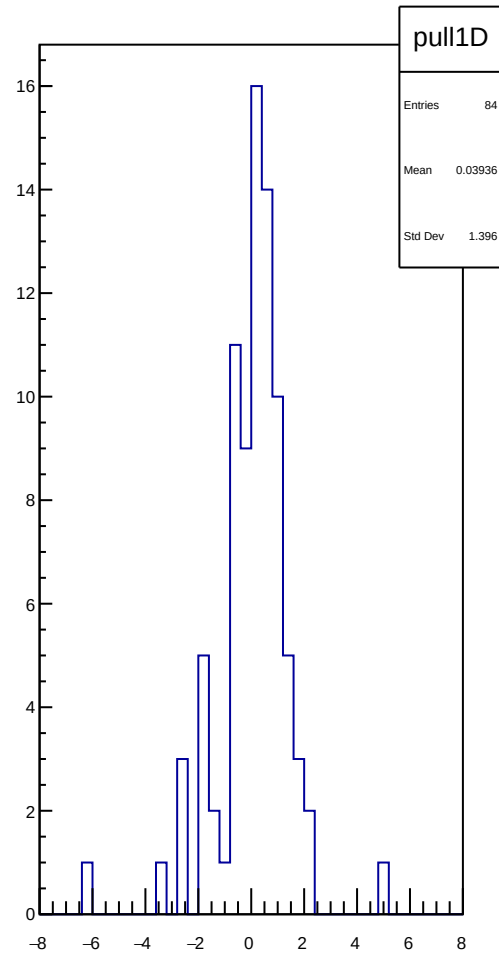
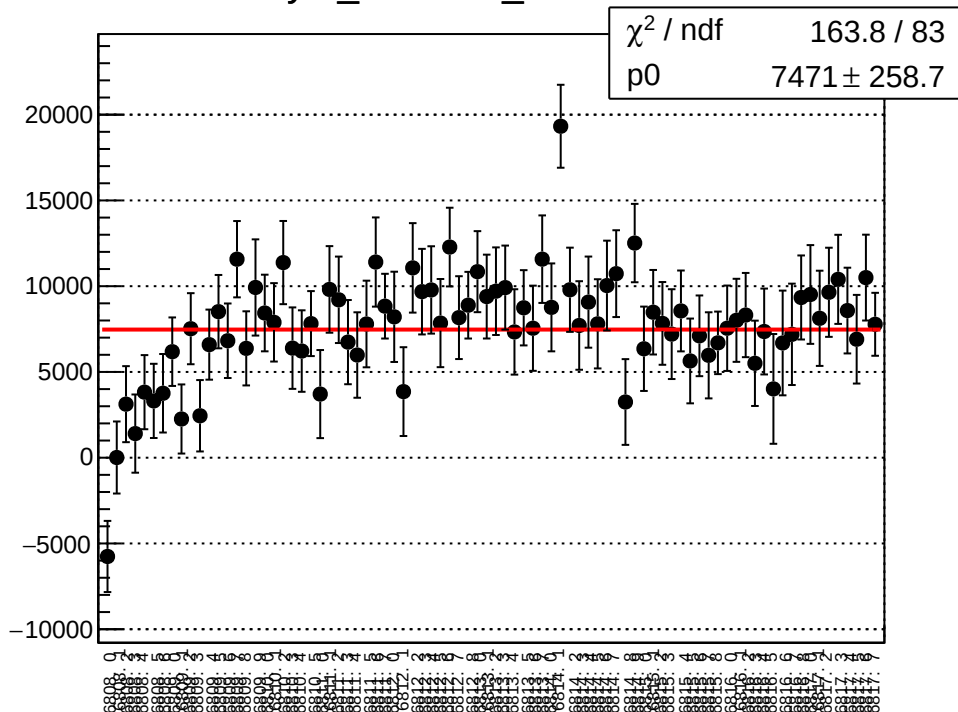
asym_cav4dQ_mean vs run



asym_cav4dQ_rms vs run

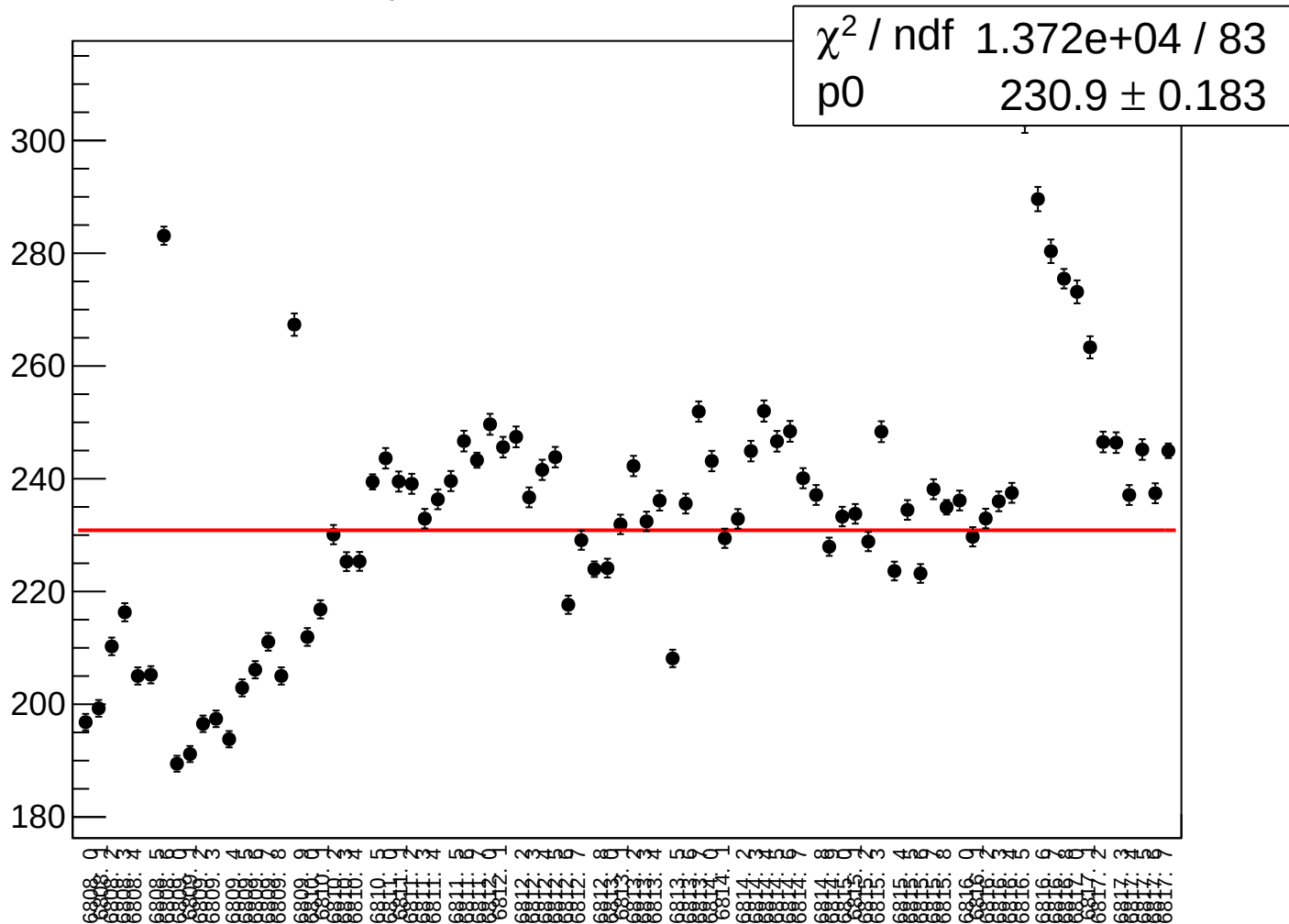


asym_bcm0l02_mean vs run

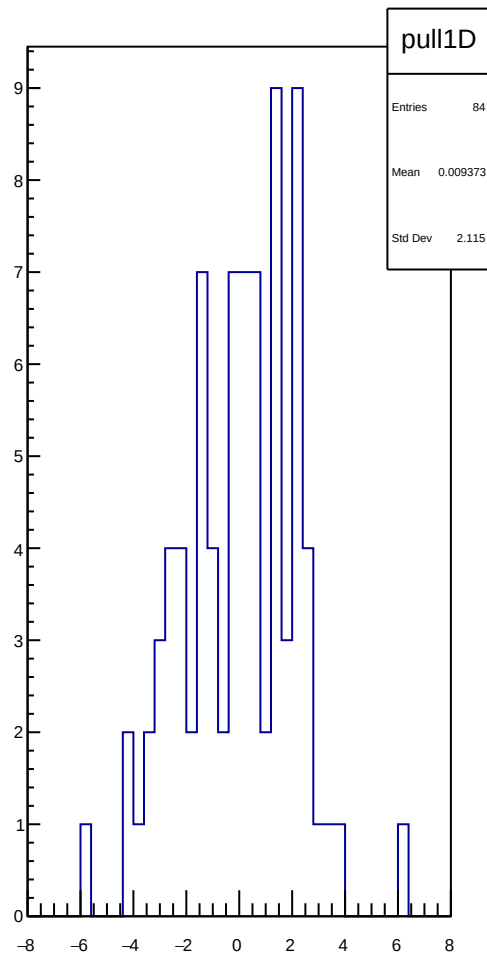
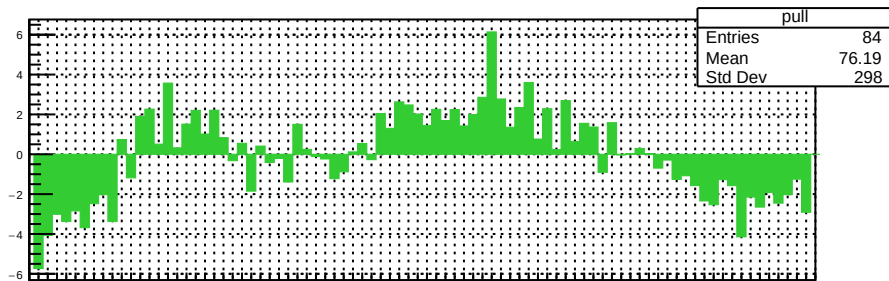
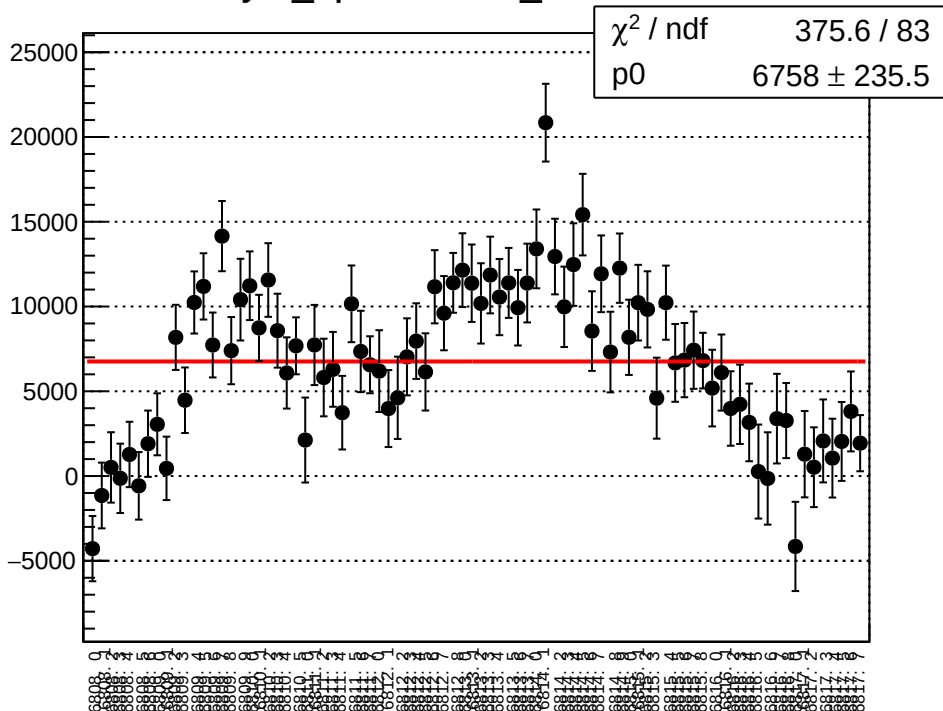


pull	
Entries	84
Mean	359.7
Std Dev	330.9

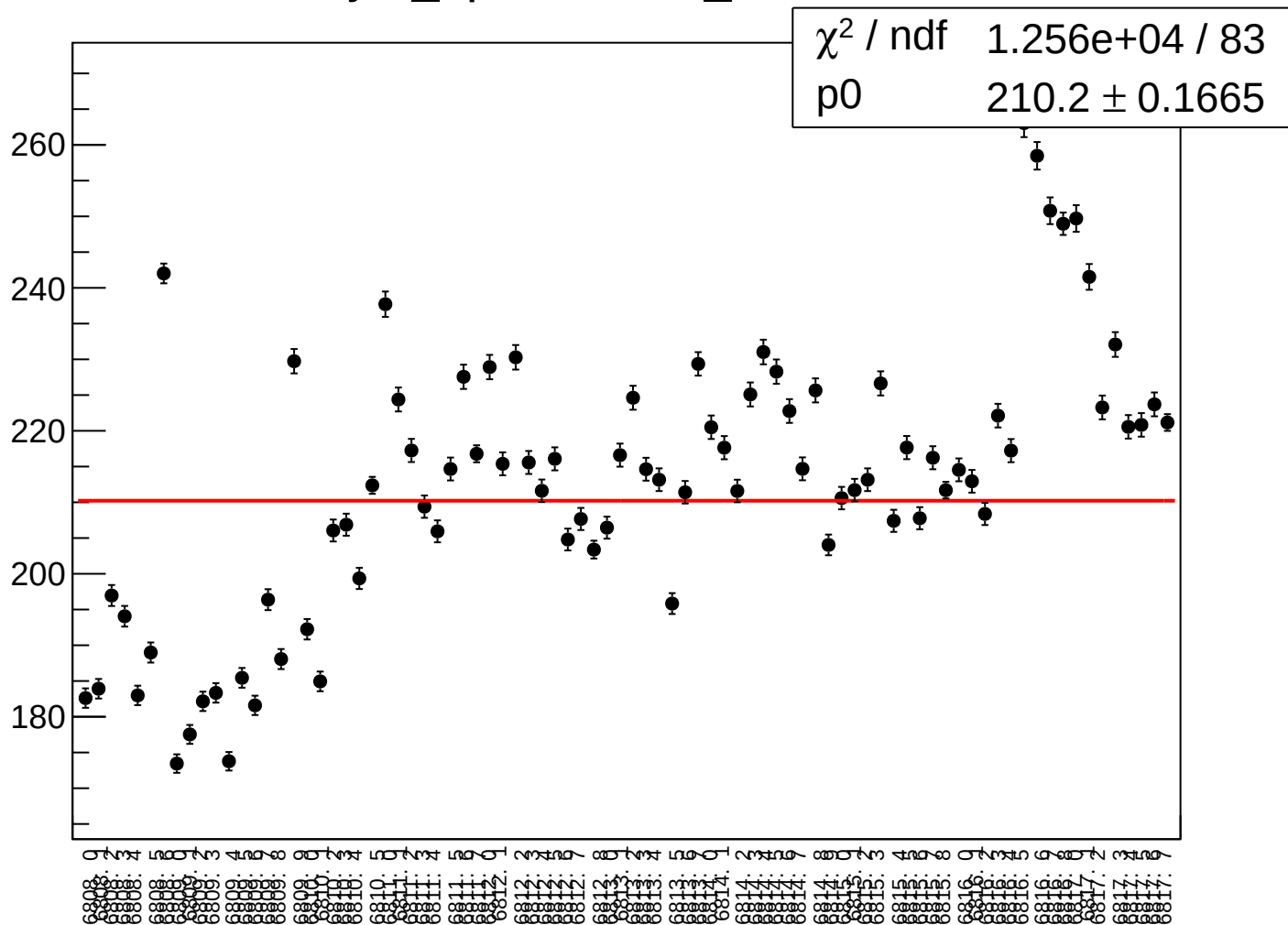
asym_bcm0l02_rms vs run



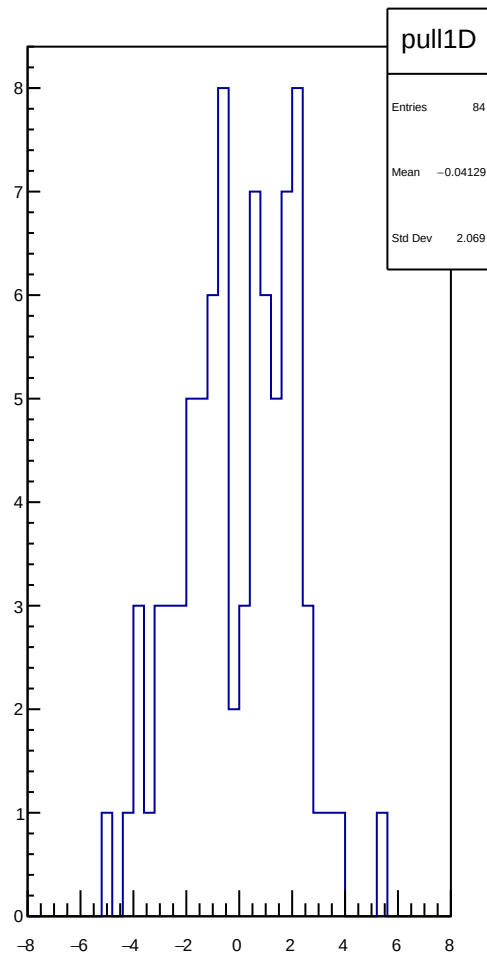
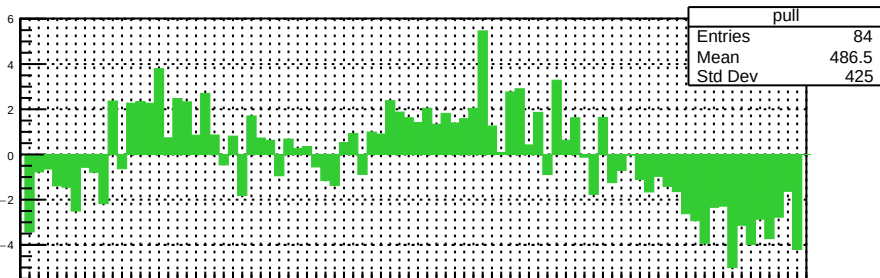
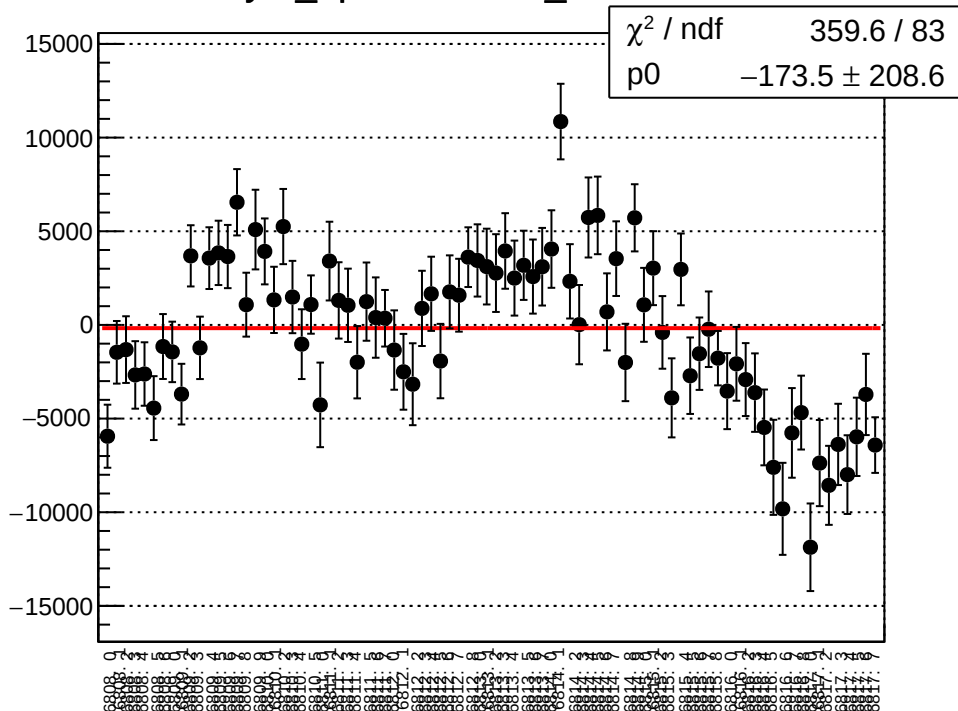
asym_bpm0i02WS_mean vs run



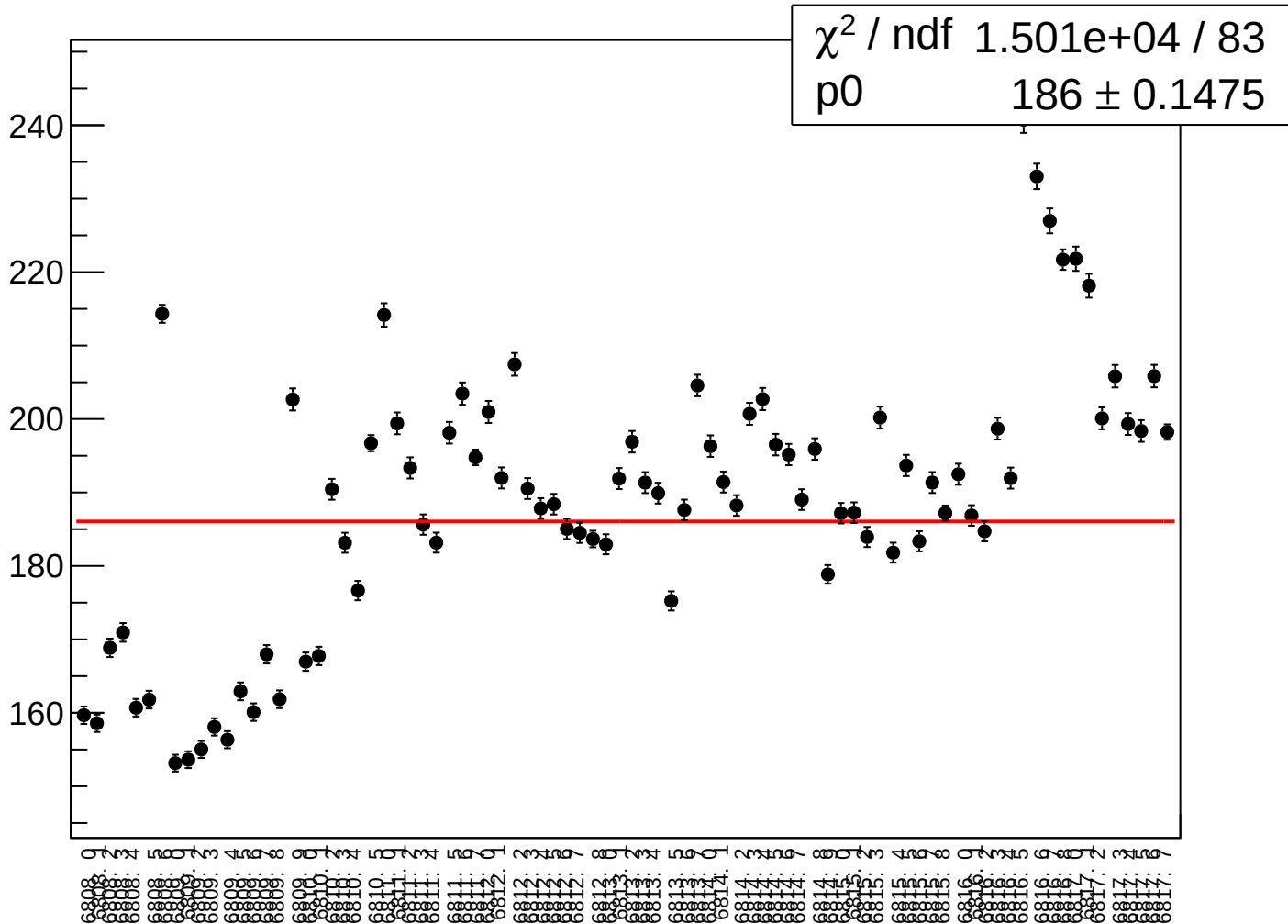
asym_bpm0i02WS_rms vs run



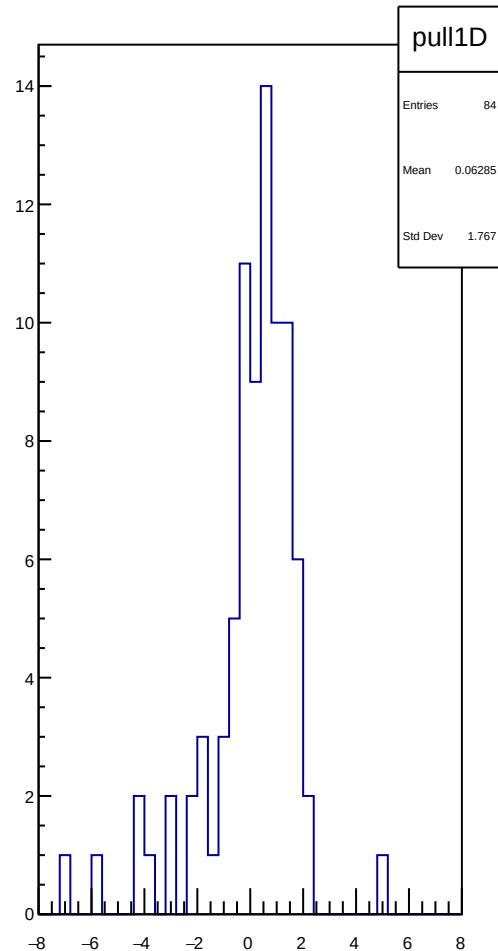
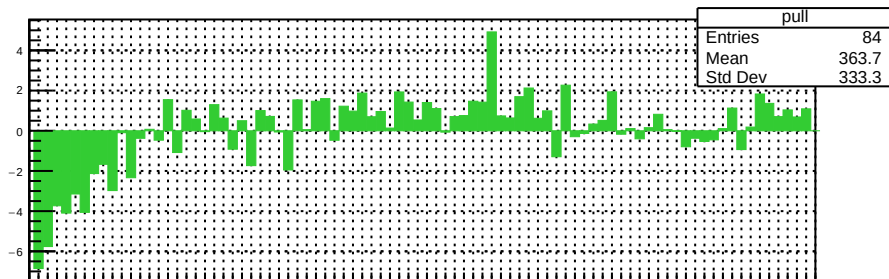
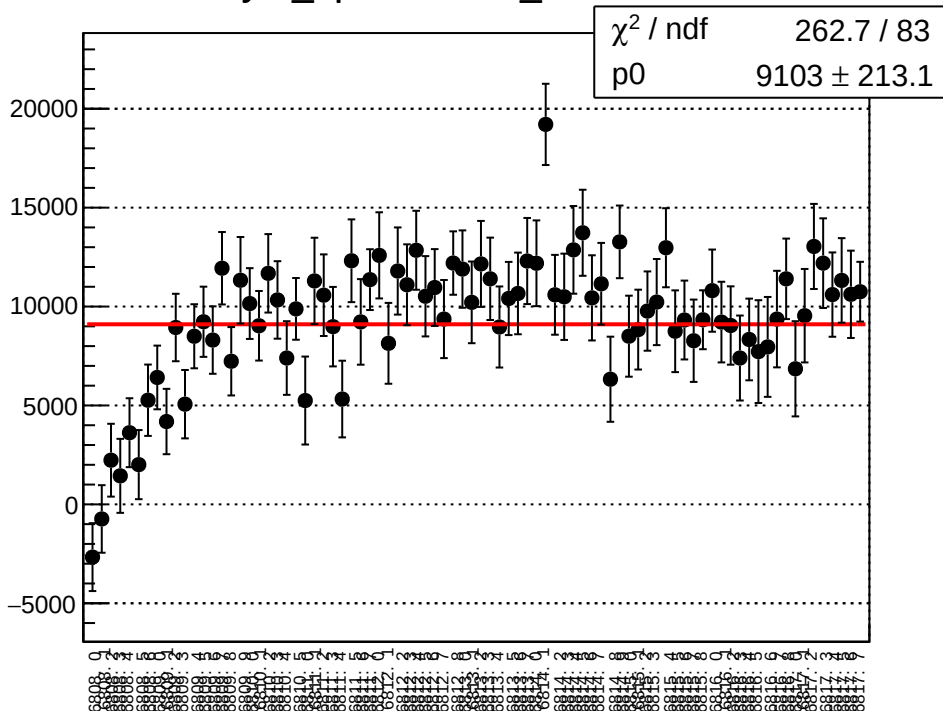
asym_bpm0i02aWS_mean vs run



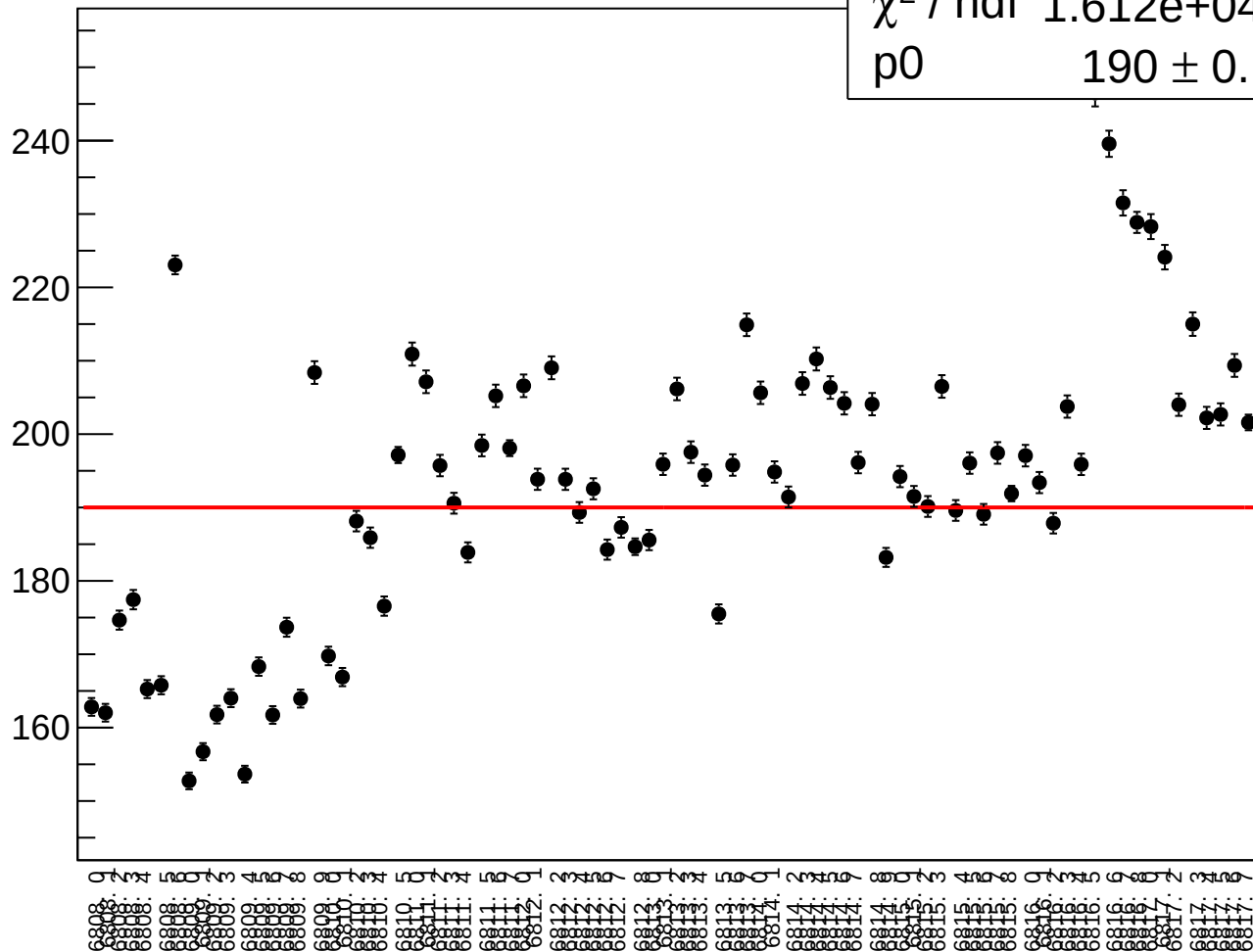
asym_bpm0i02aWS_rms vs run



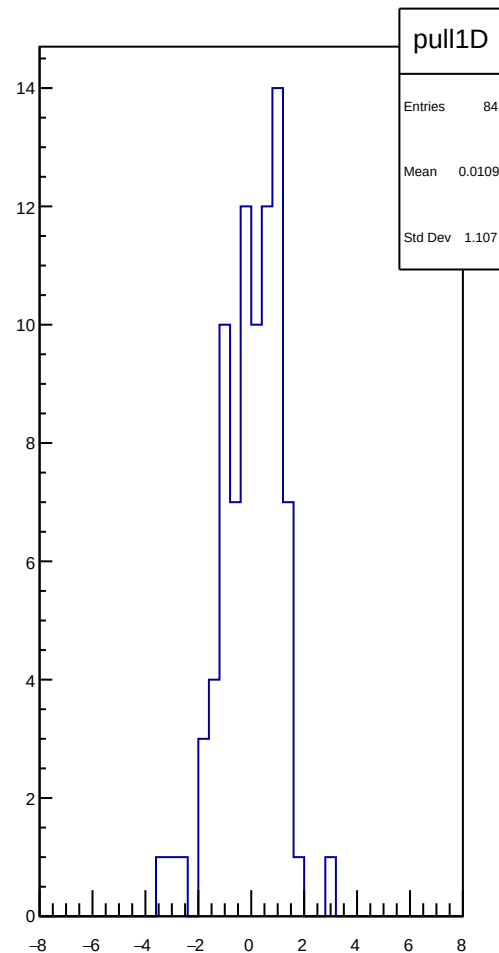
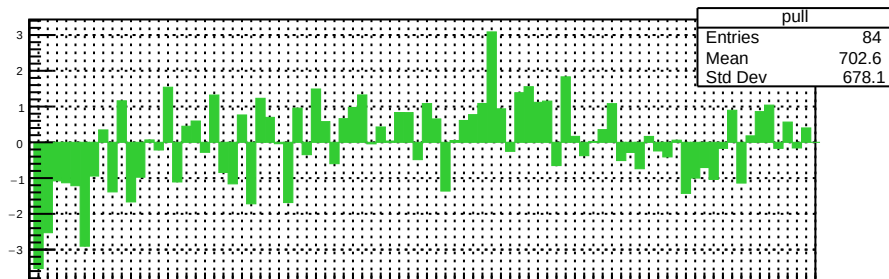
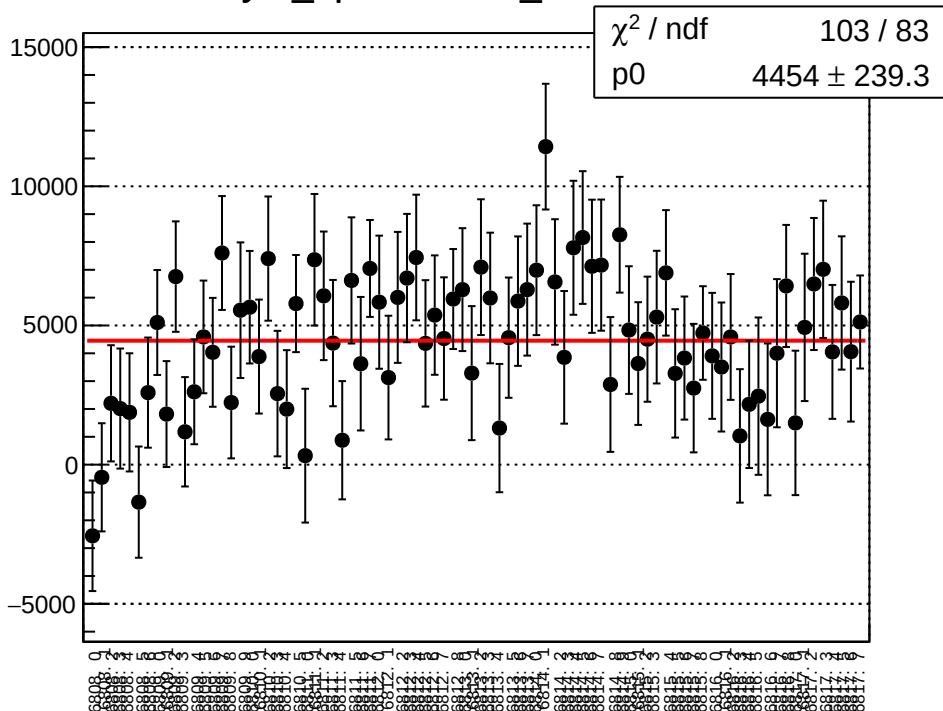
asym_bpm0i05WS_mean vs run



χ^2 / ndf 1.612e+04 / 83
p0 190 ± 0.1507

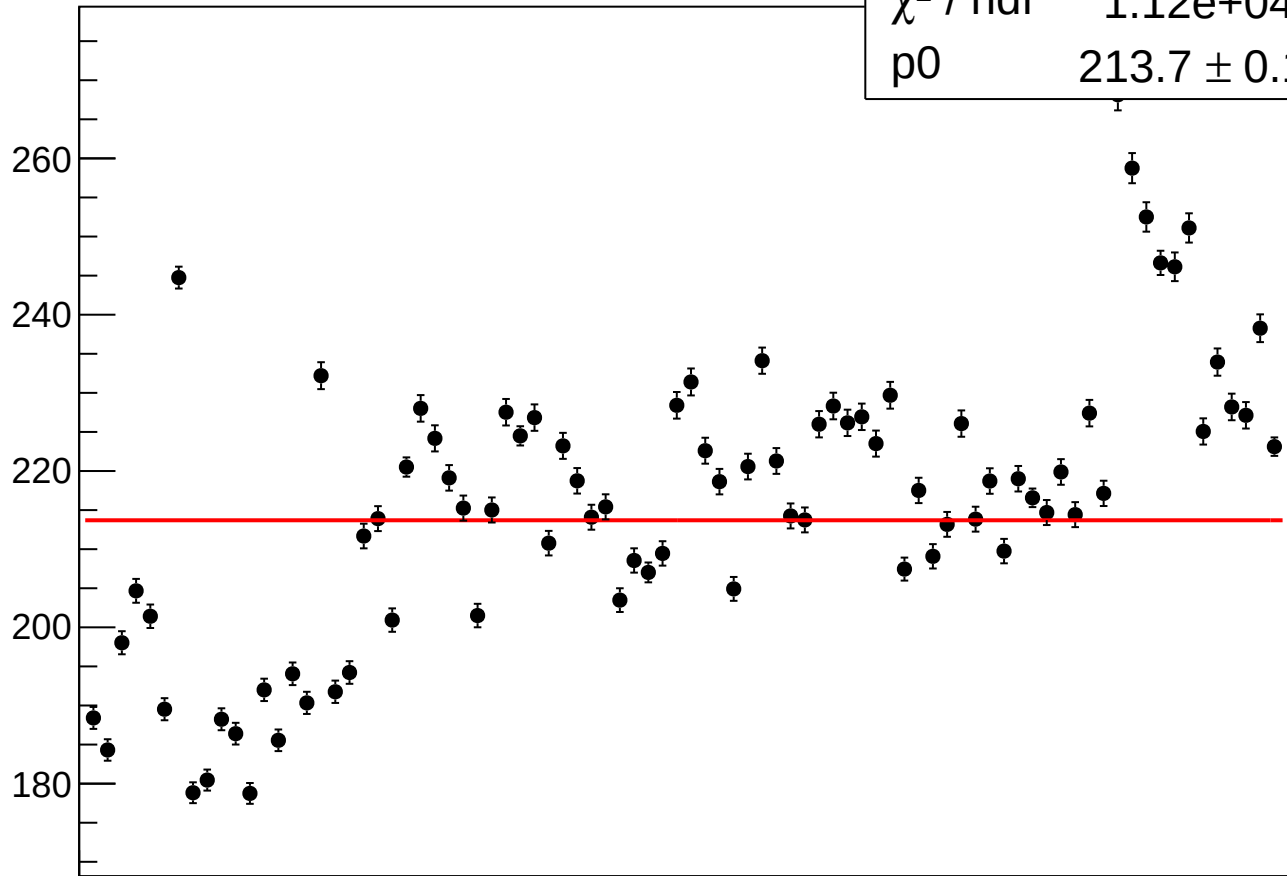


asym_bpm0i07WS_mean vs run



asym_bpm0i07WS_rms vs run

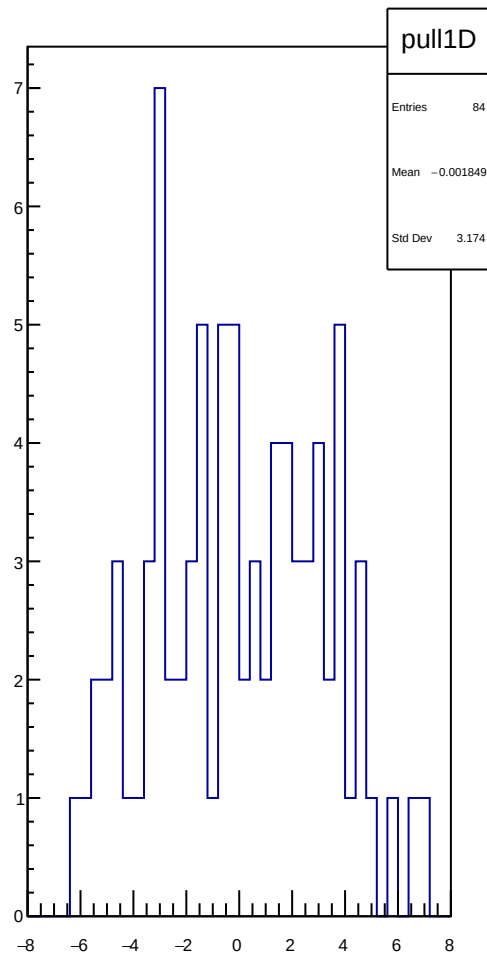
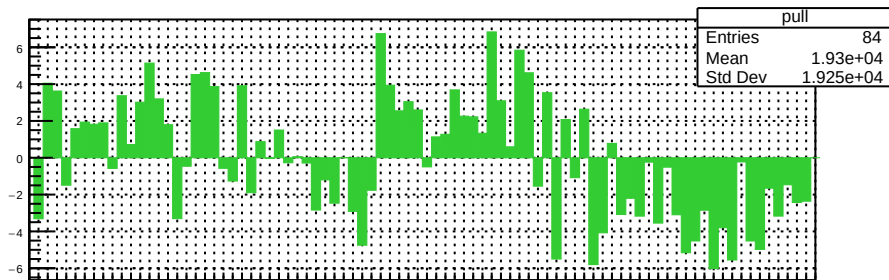
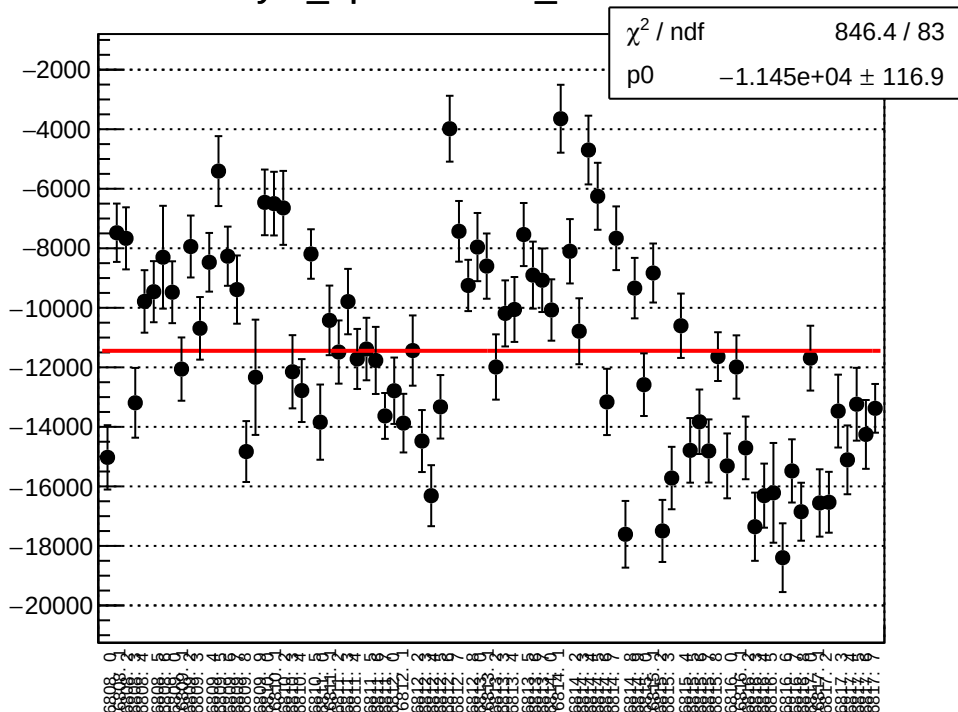
χ^2 / ndf 1.12e+04 / 83
p0 213.7 ± 0.1692



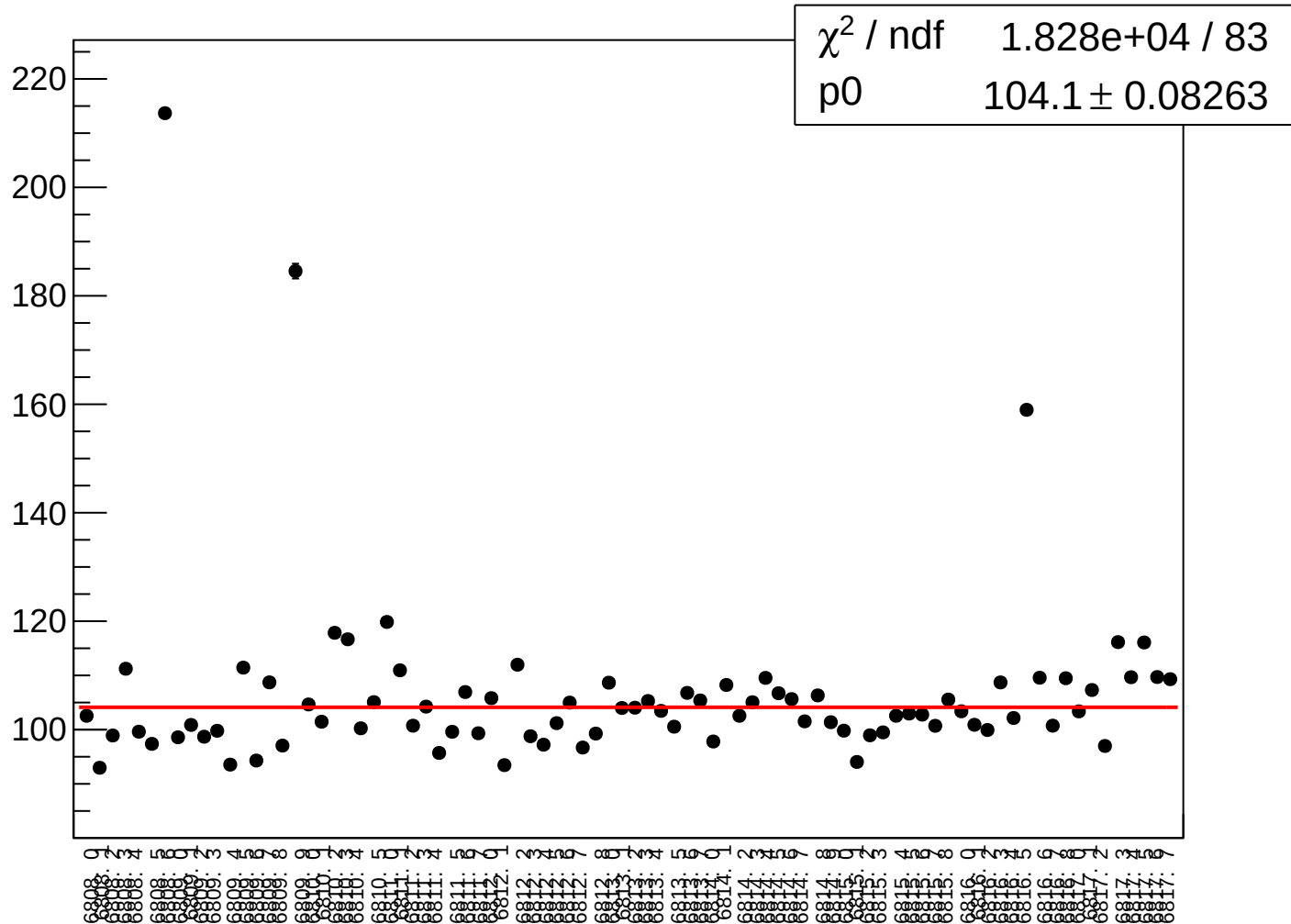
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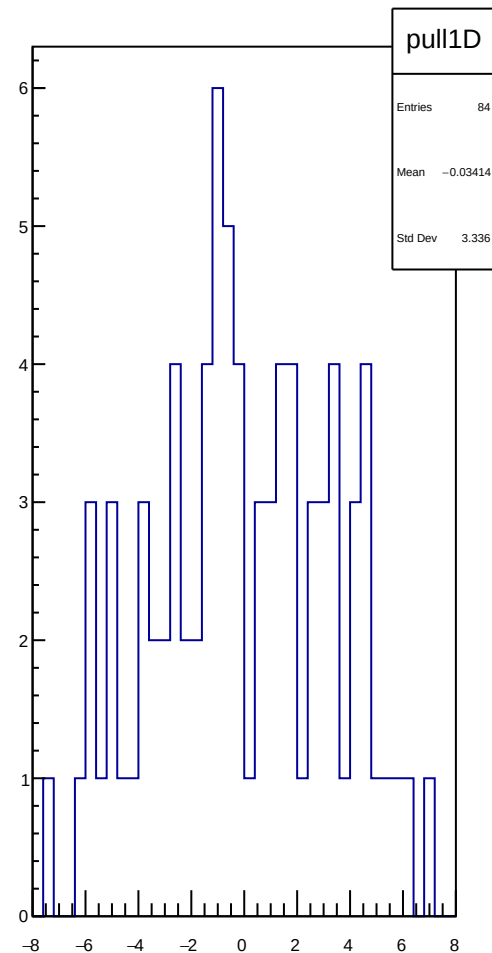
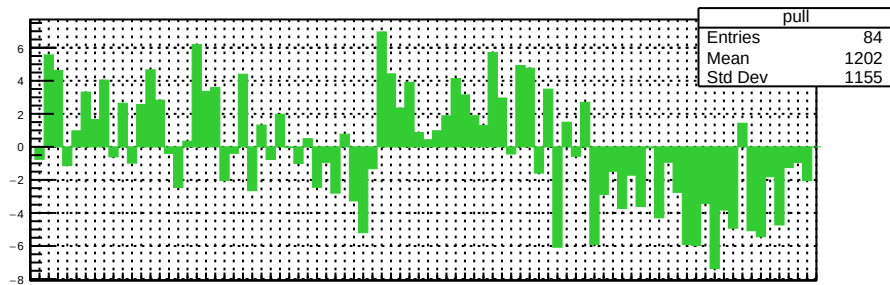
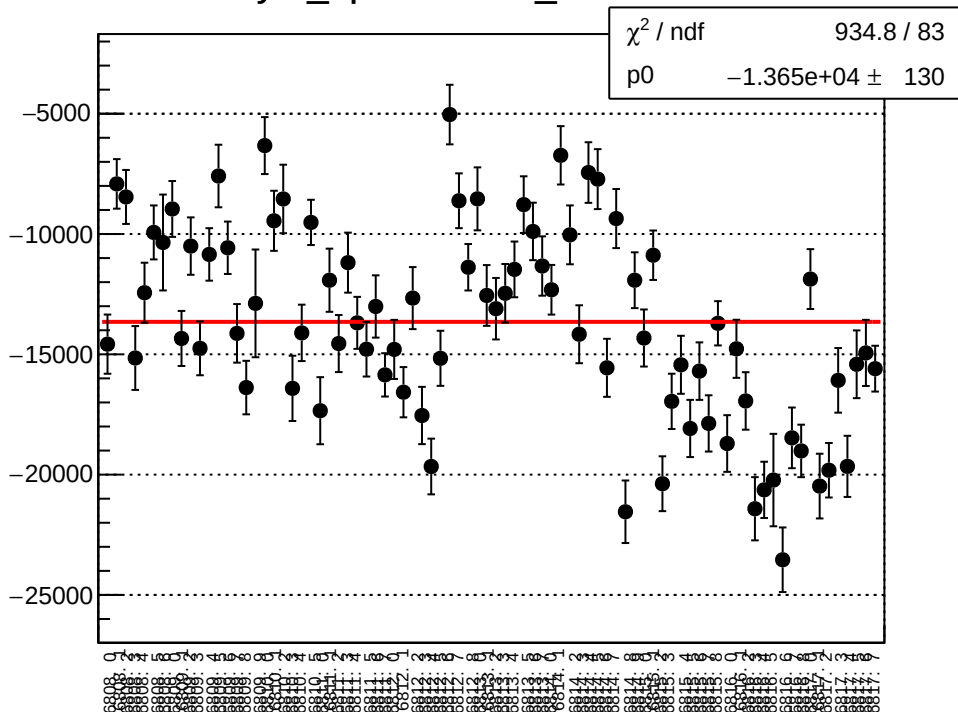
asym_bpm1i02WS_mean vs run



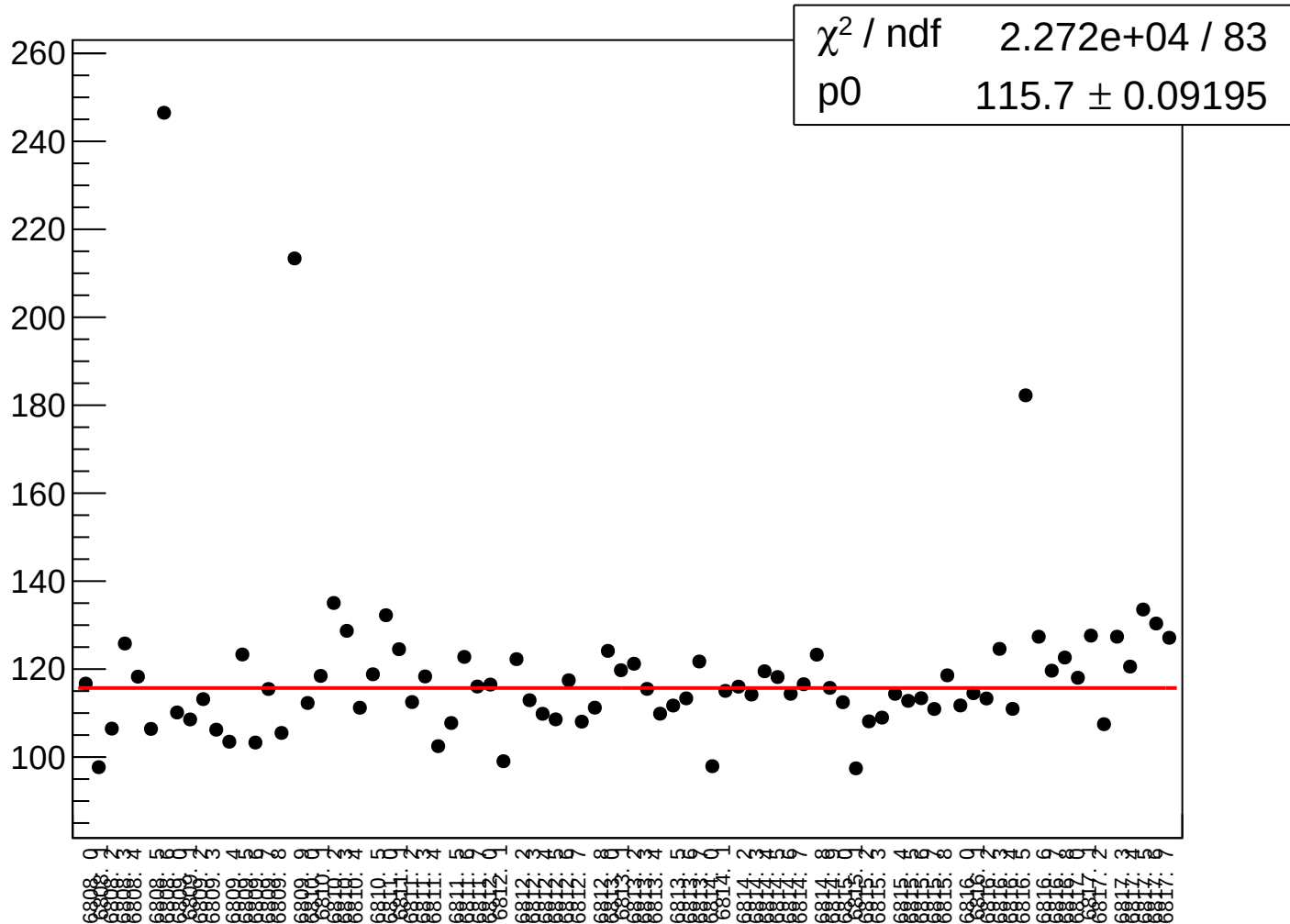
asym_bpm1i02WS_rms vs run



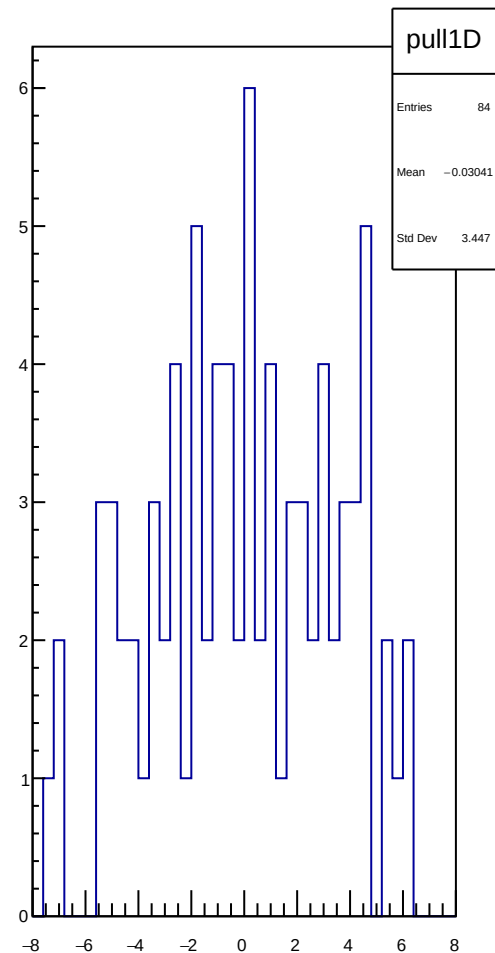
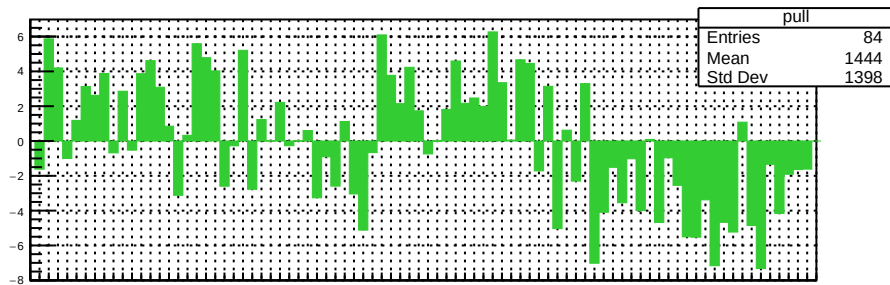
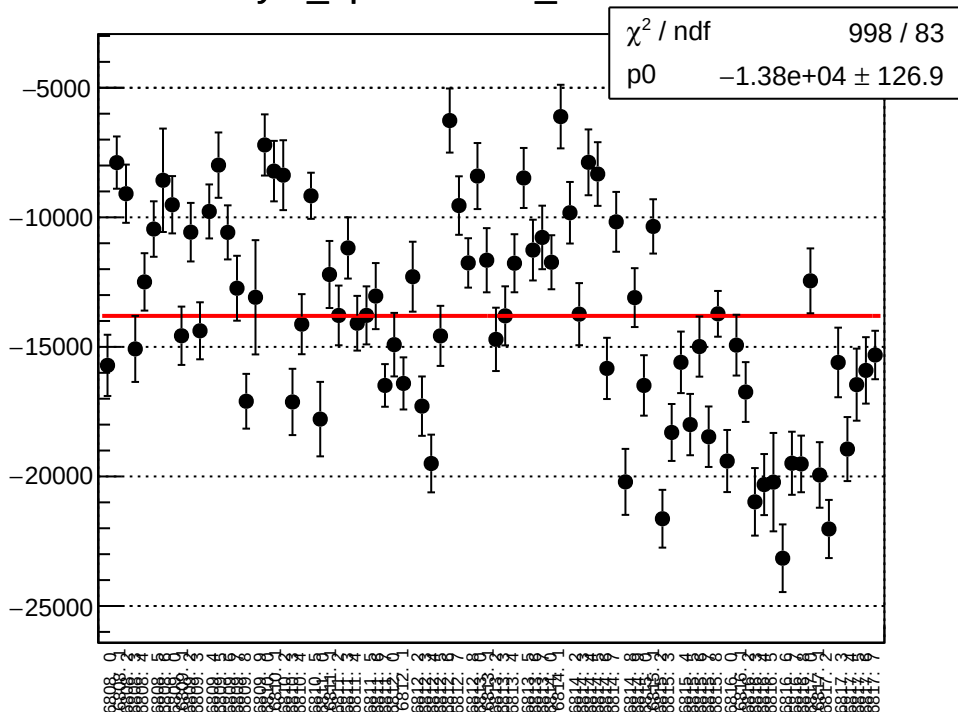
asym_bpm2i01WS_mean vs run



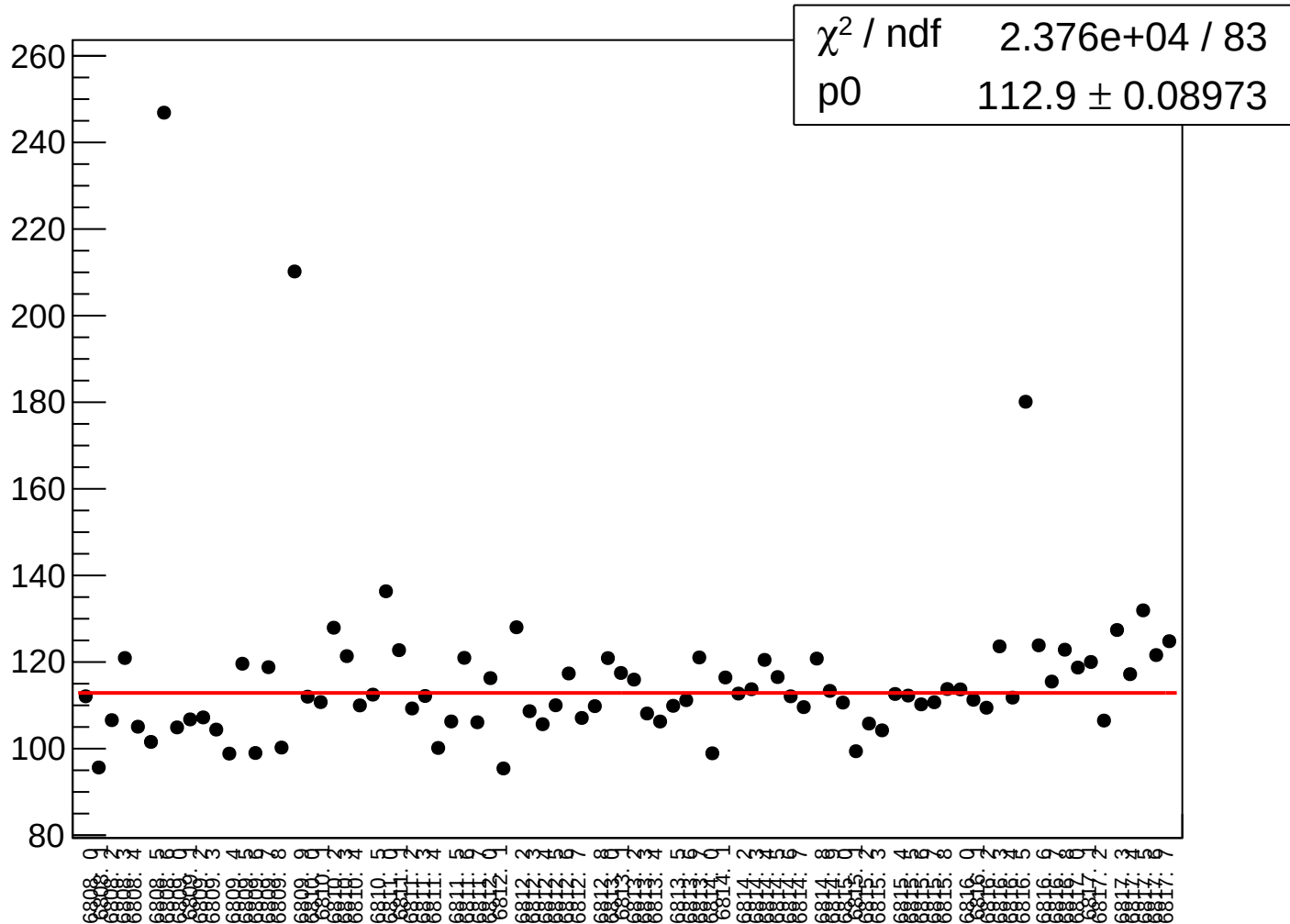
asym_bpm2i01WS_rms vs run



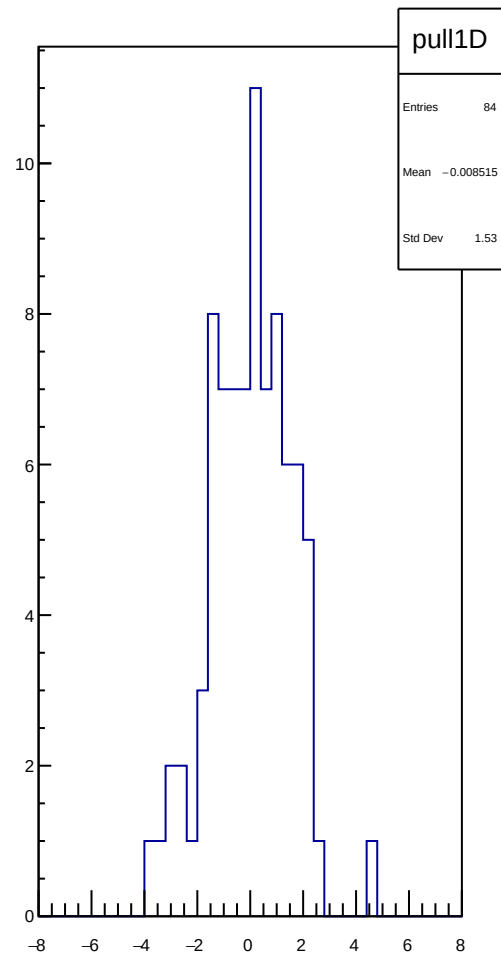
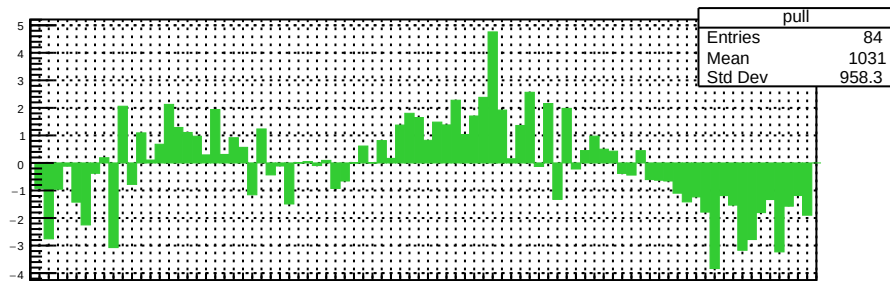
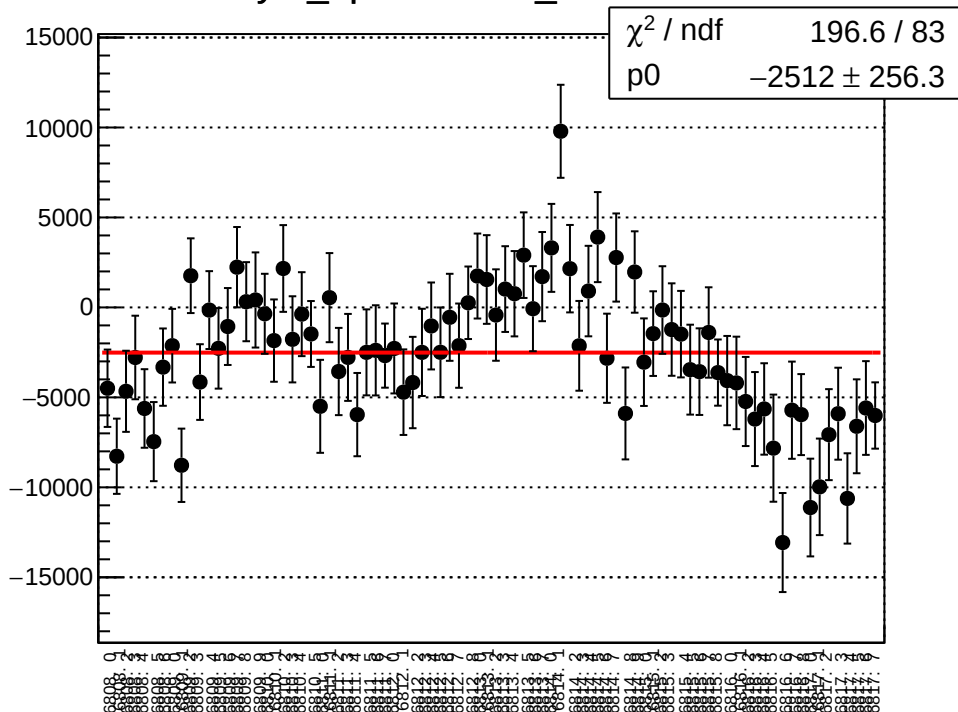
asym_bpm2i02WS_mean vs run



asym_bpm2i02WS_rms vs run



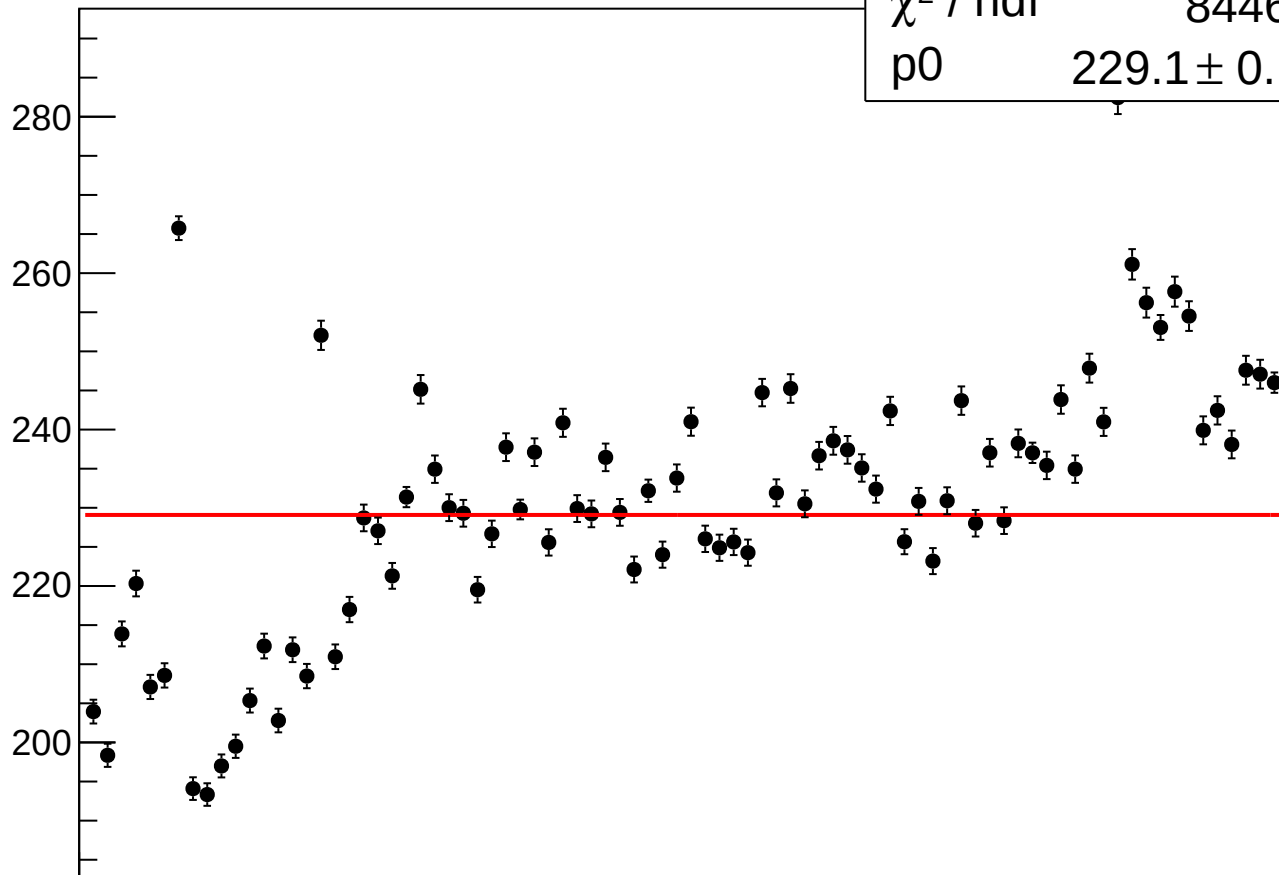
asym_bpm0i01WS_mean vs run



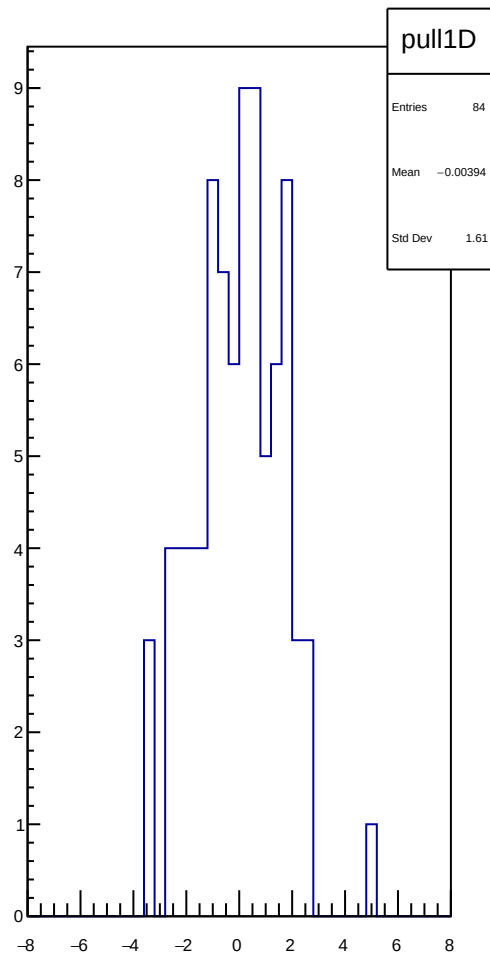
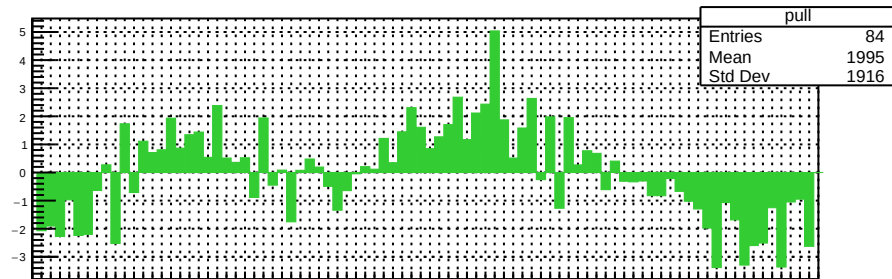
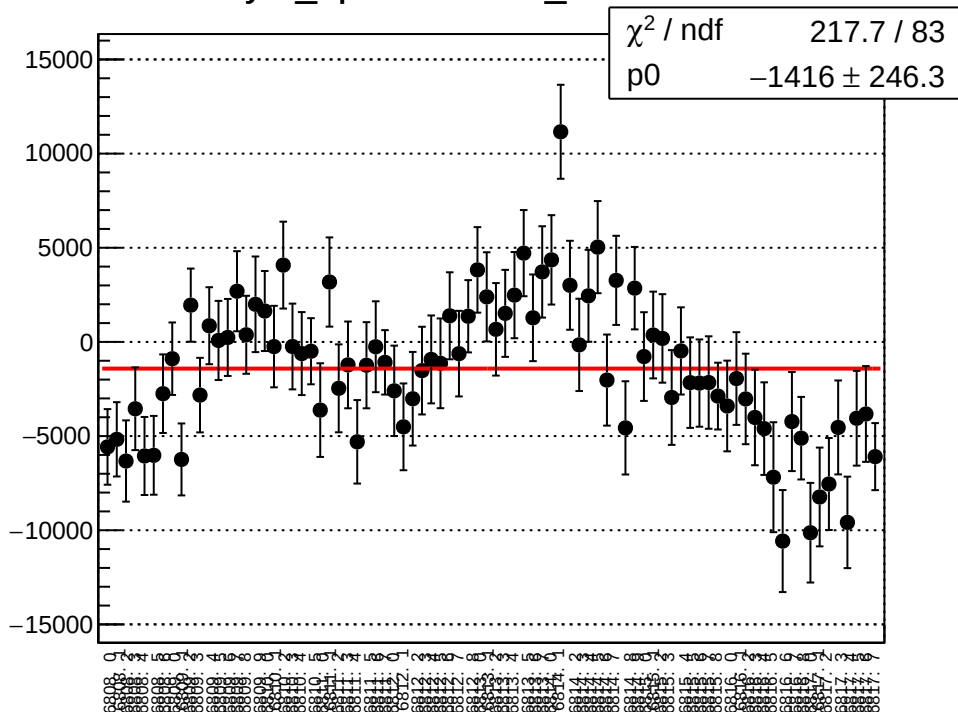
χ^2 / ndf

8446 / 83

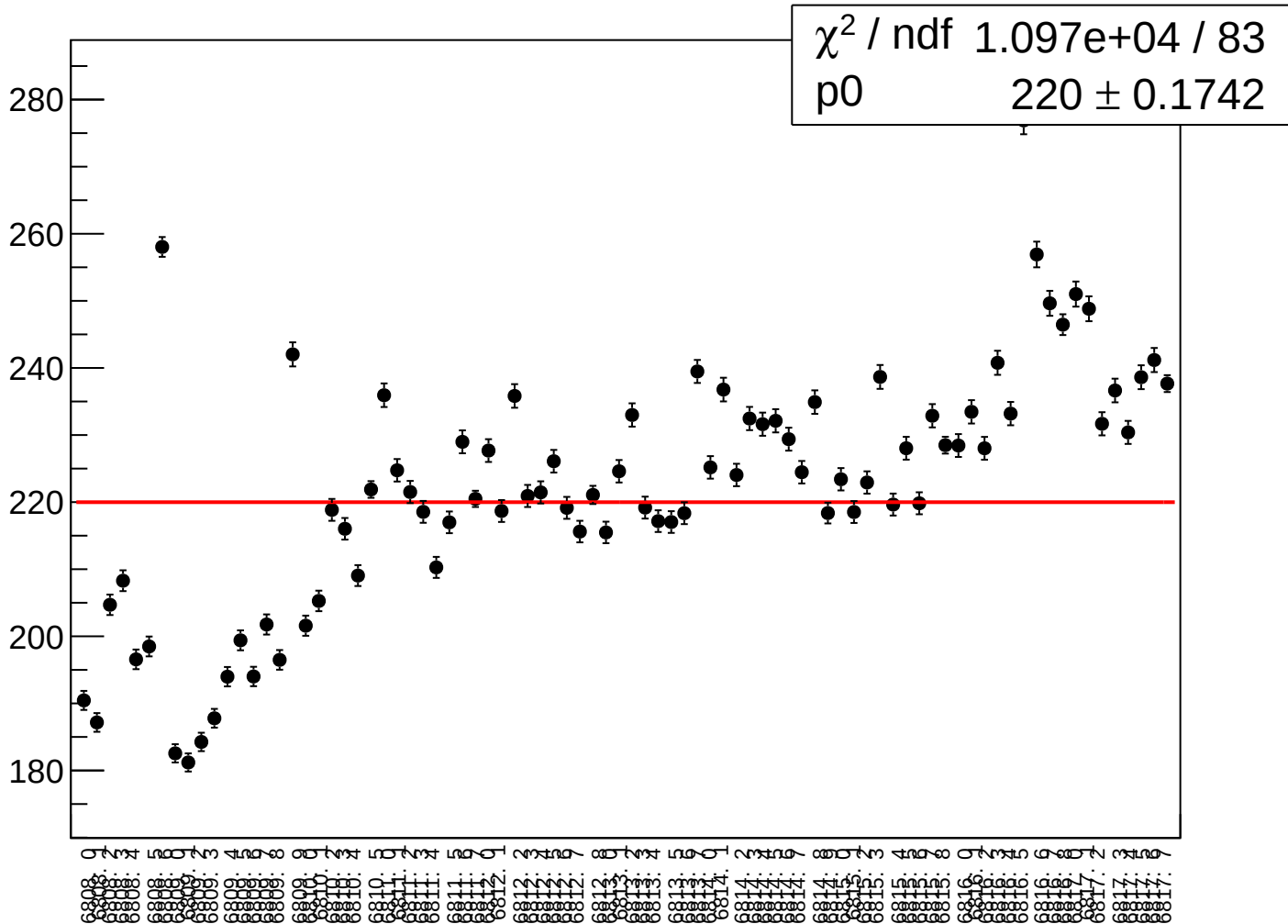
p0

$$229.1 \pm 0.1812$$
[illegible]

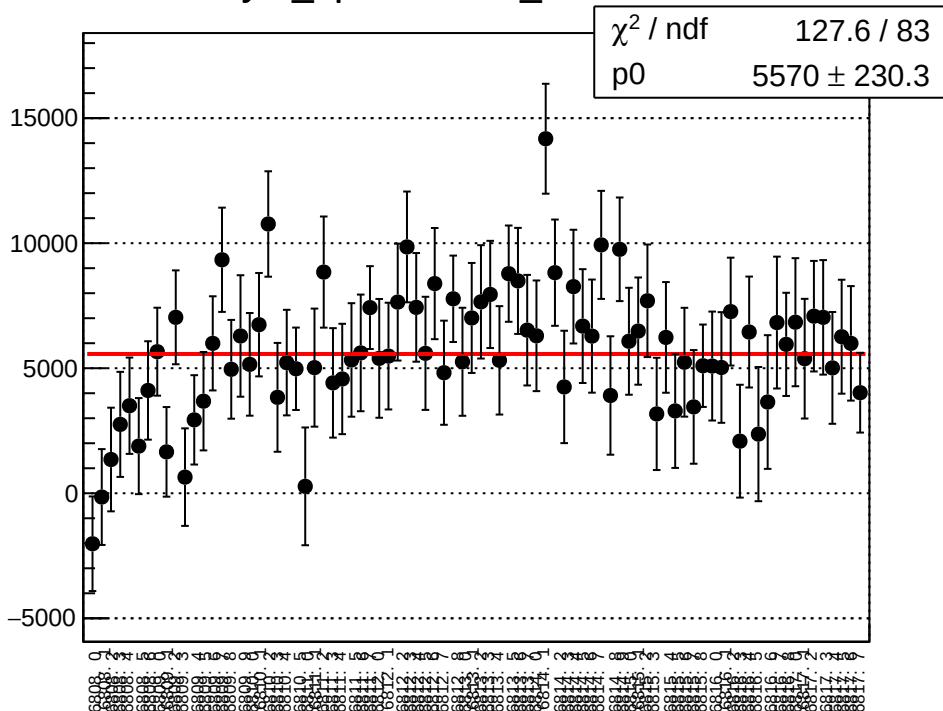
asym_bpm0i01aWS_mean vs run



asym_bpm0i01aWS_rms vs run

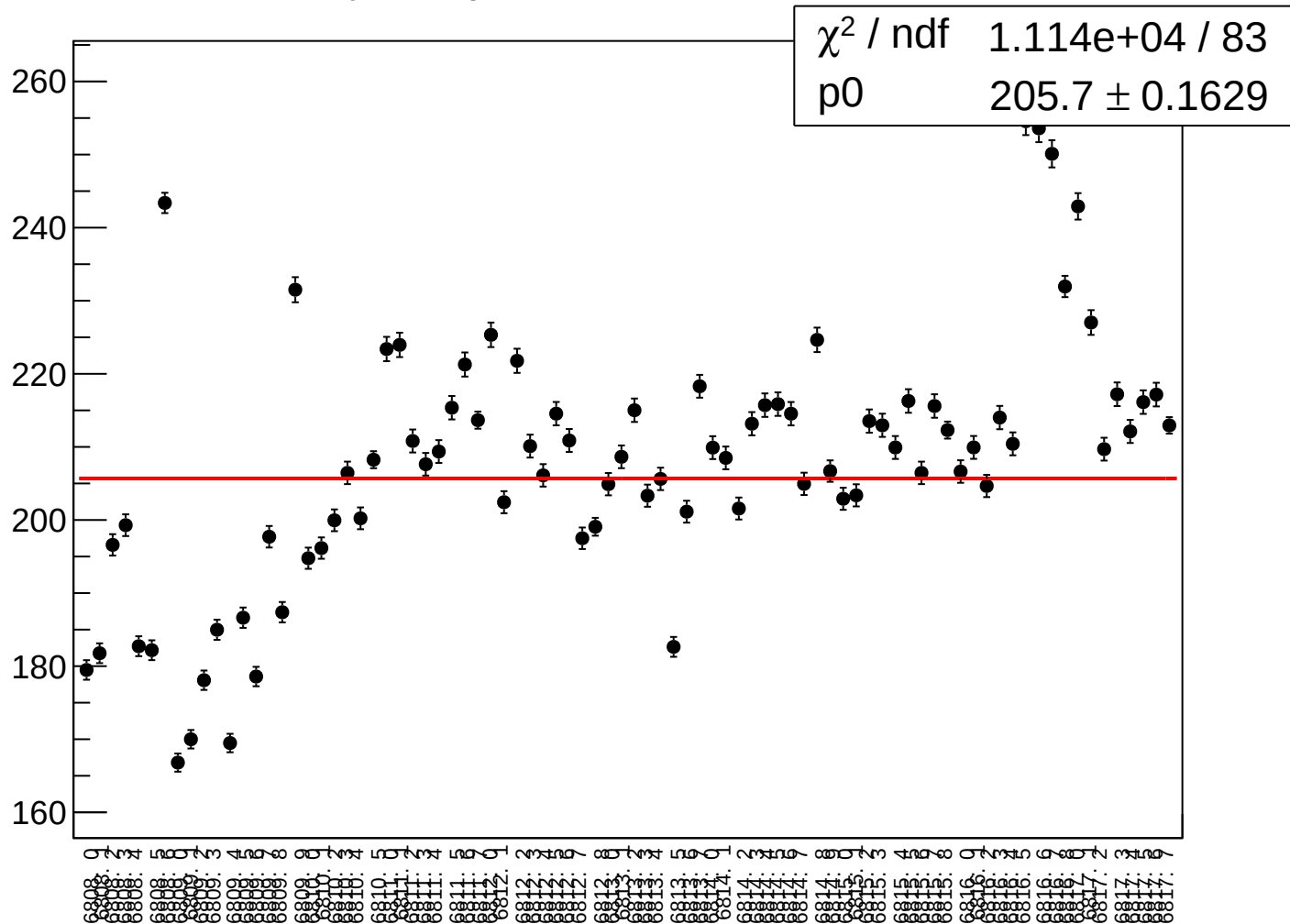


asym_bpm0l01WS_mean vs run

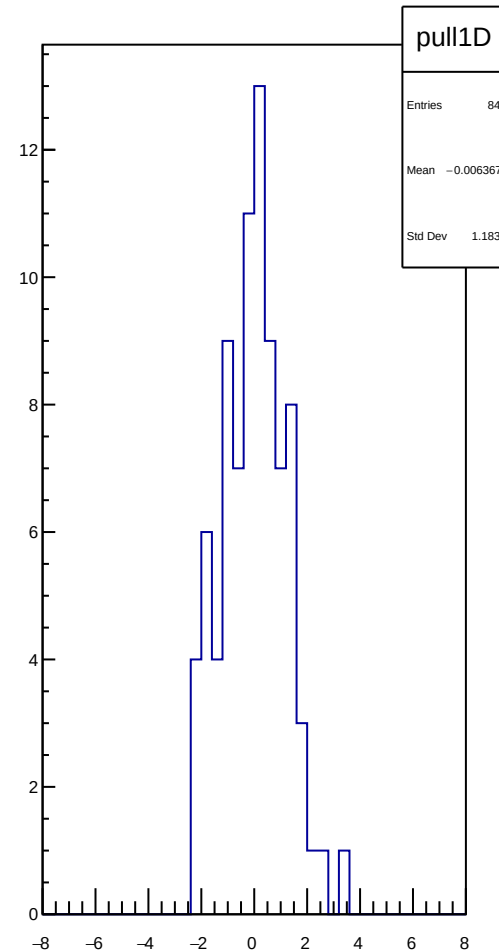
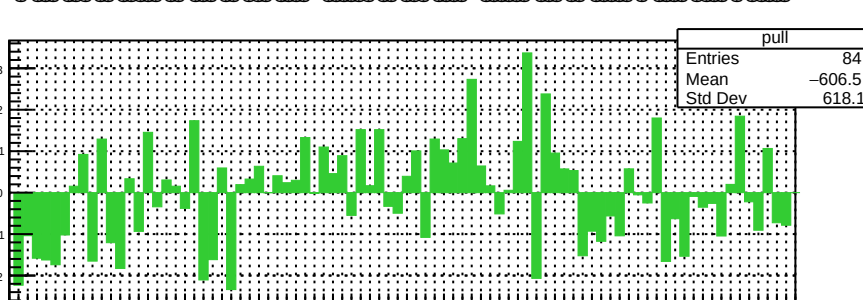
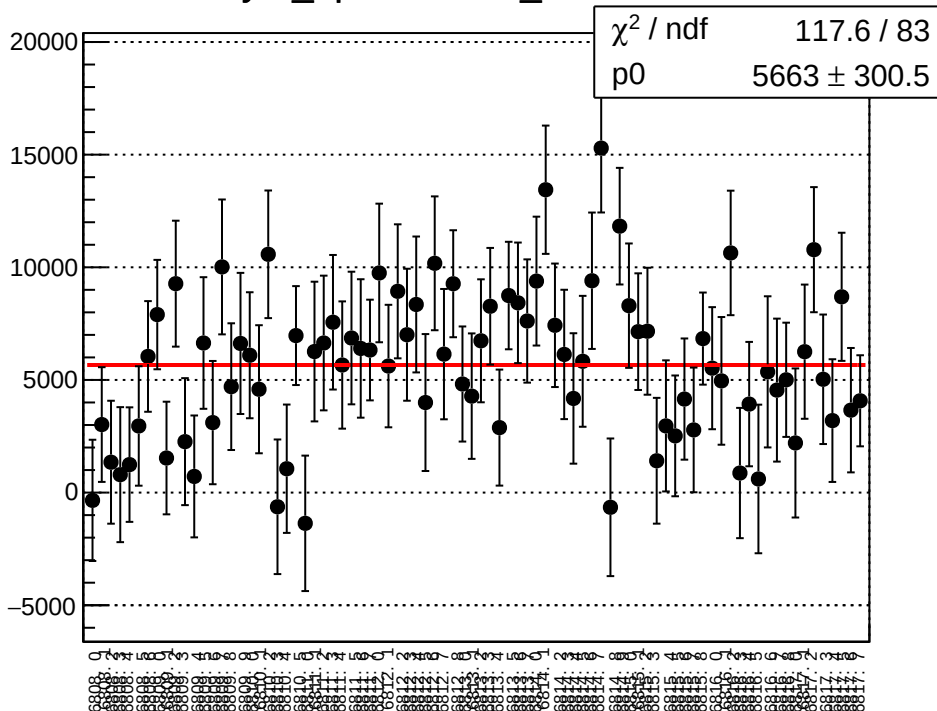


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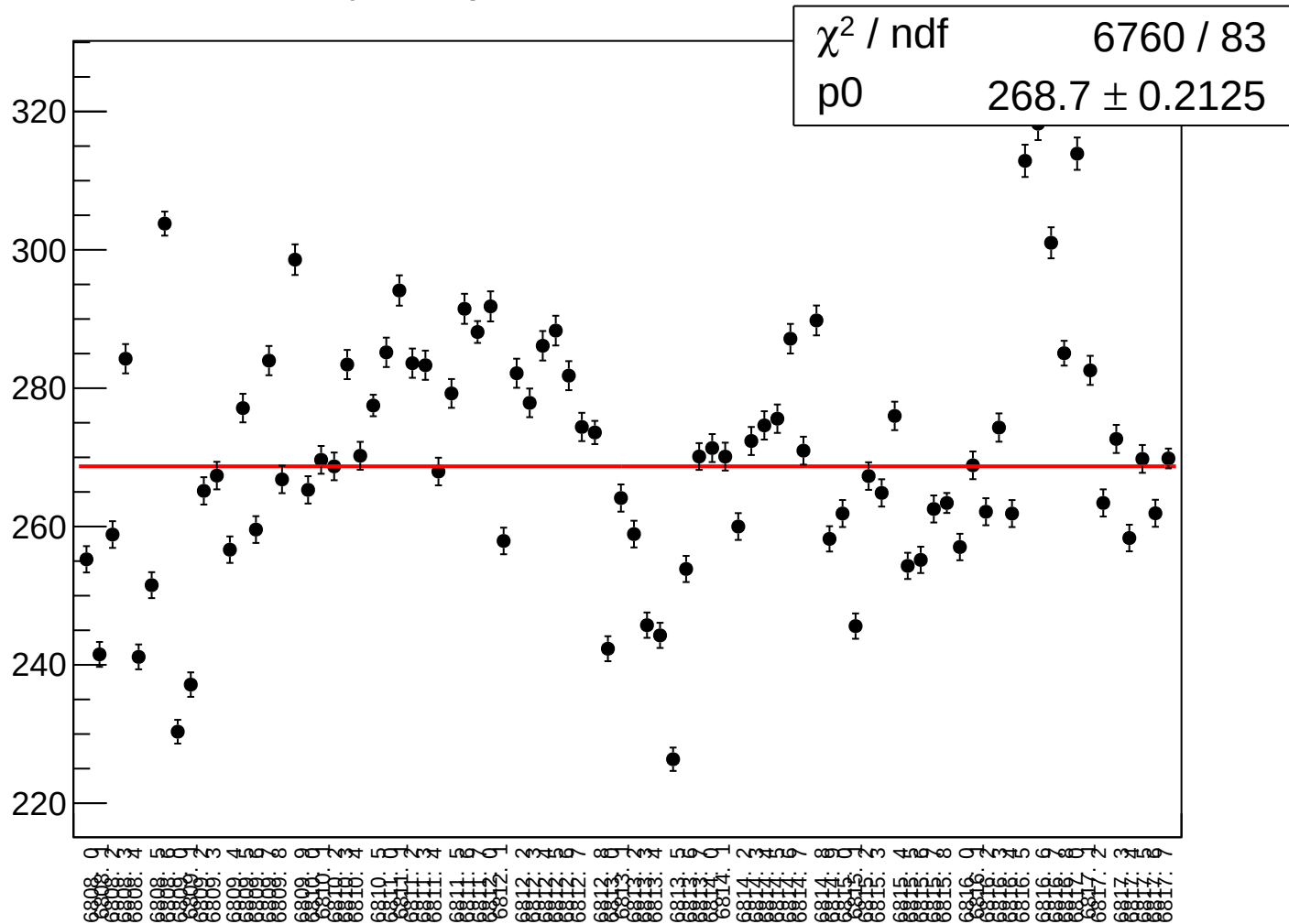
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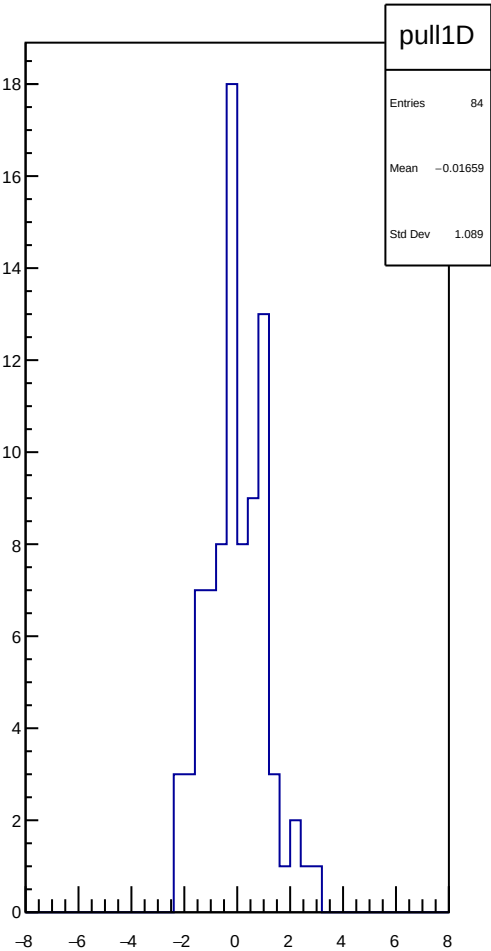
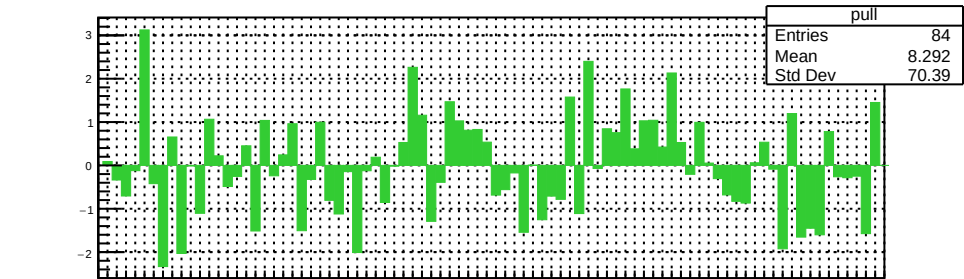
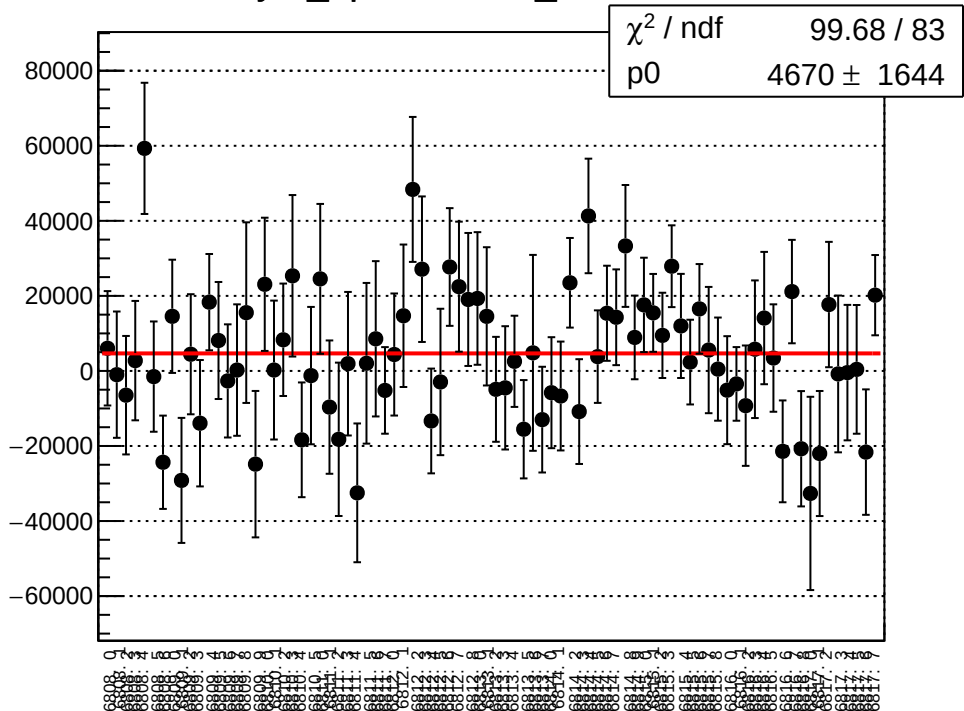
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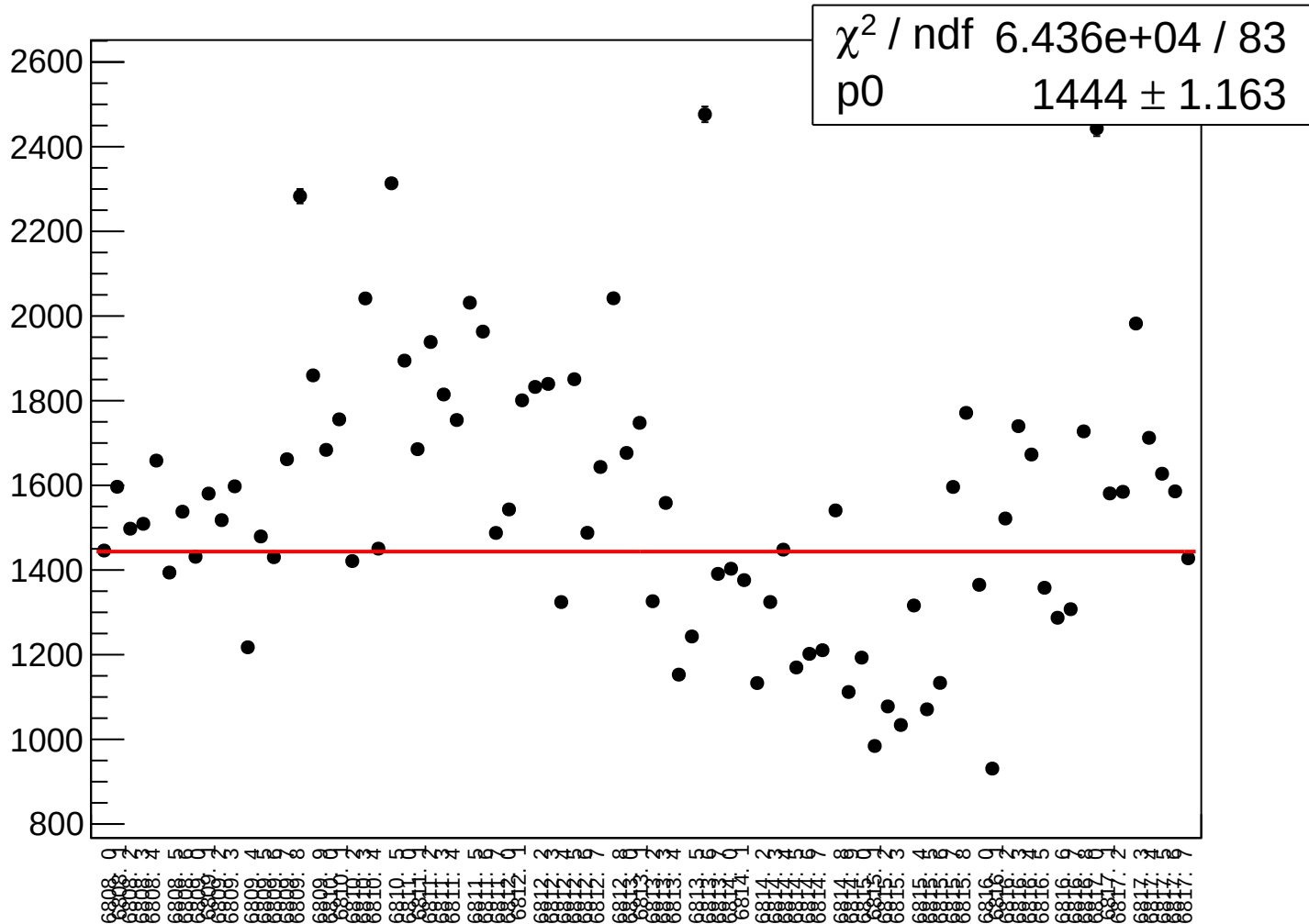
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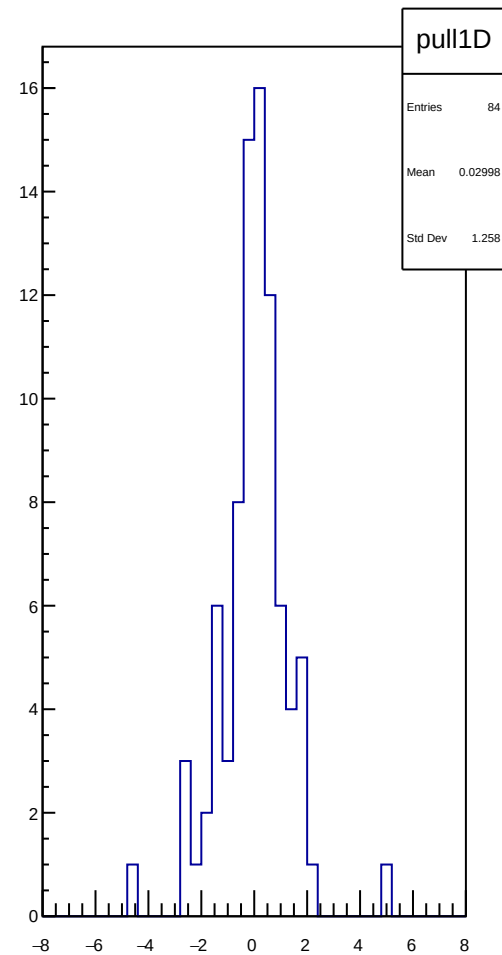
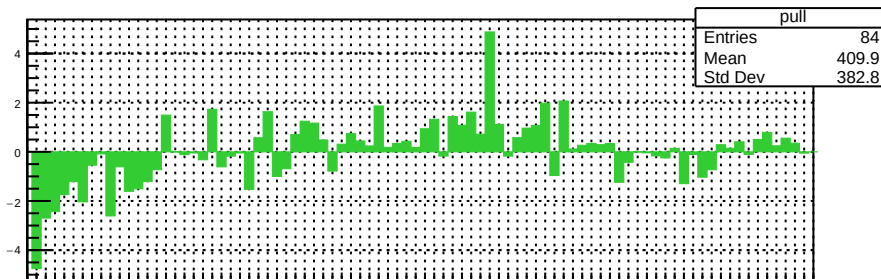
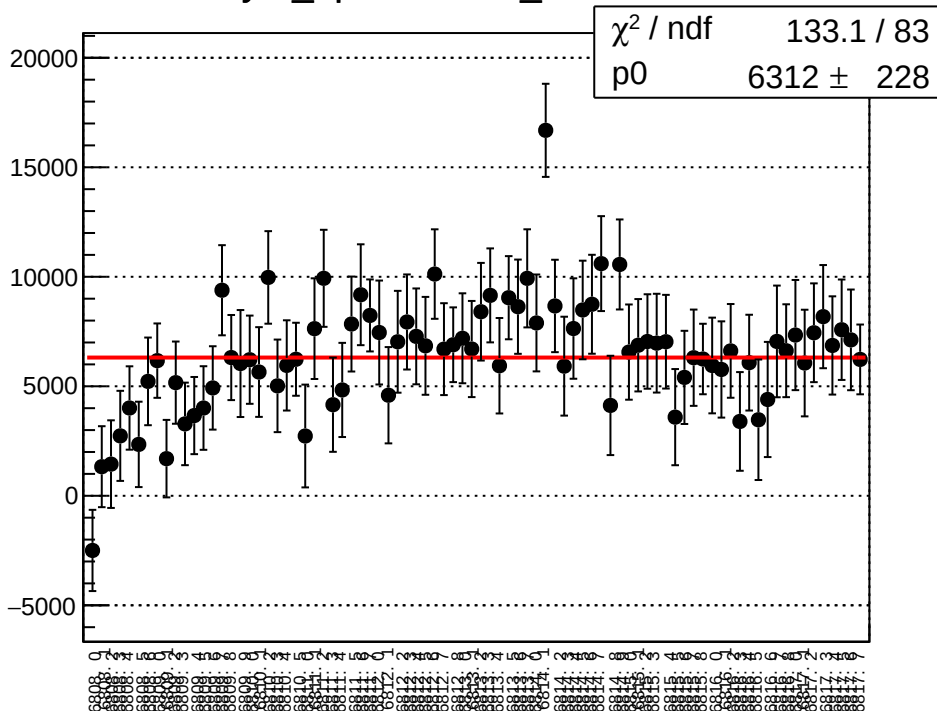
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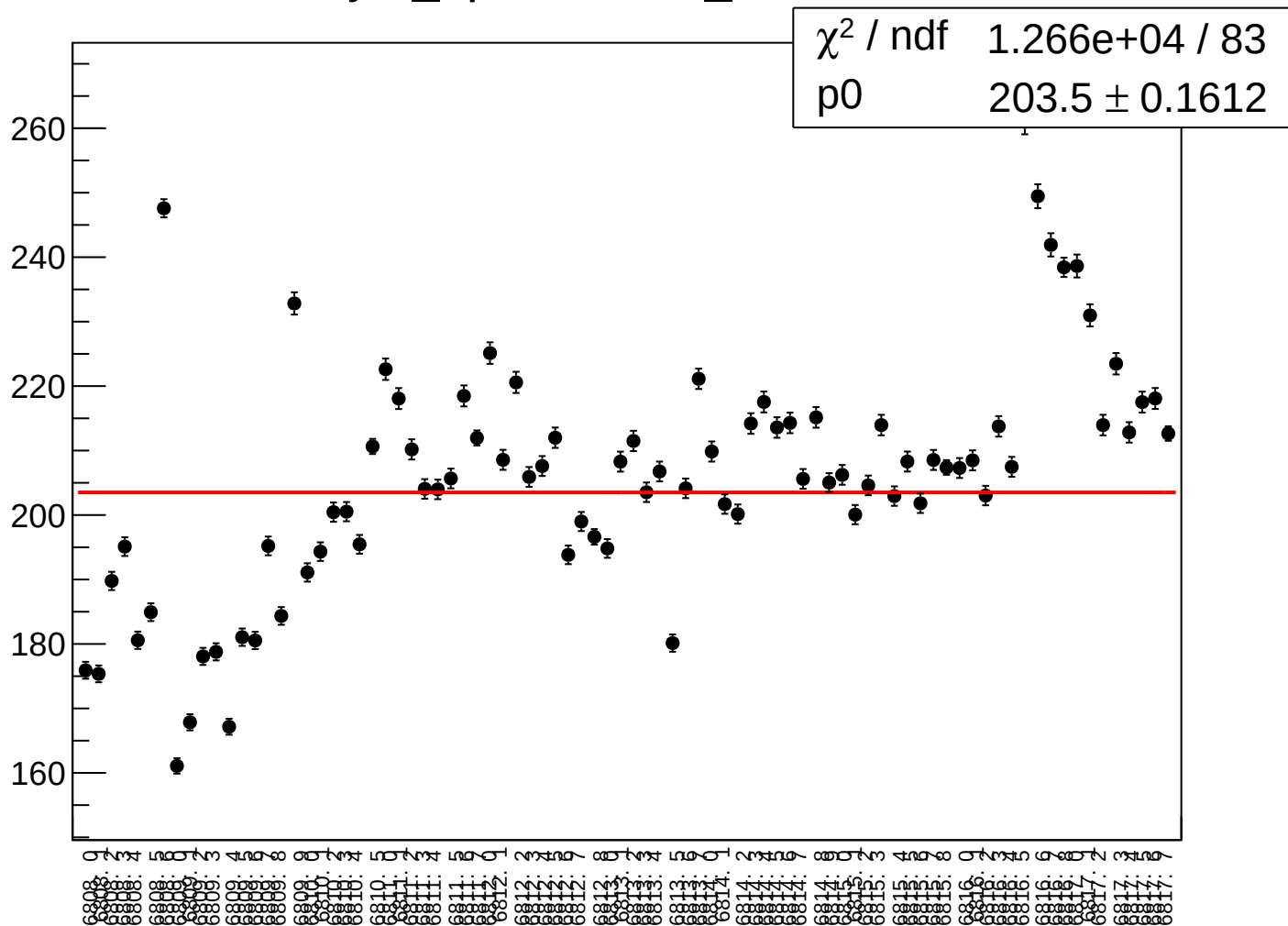
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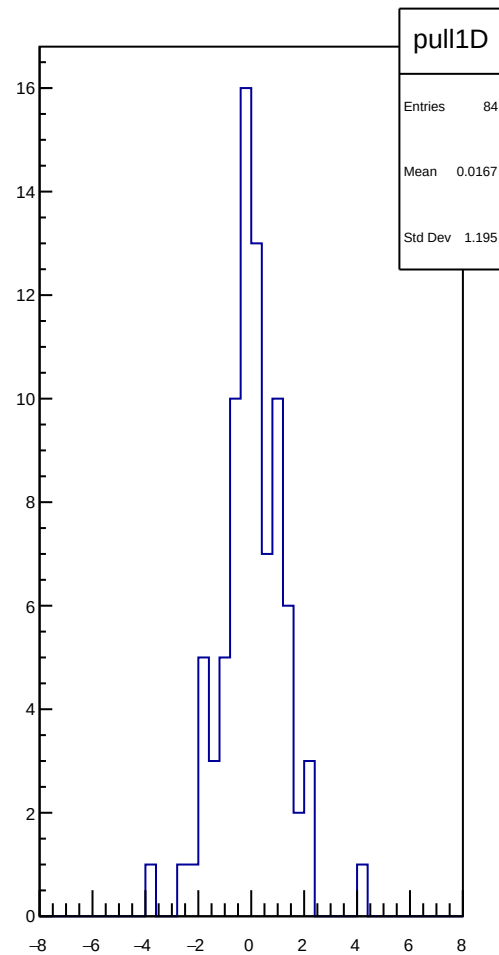
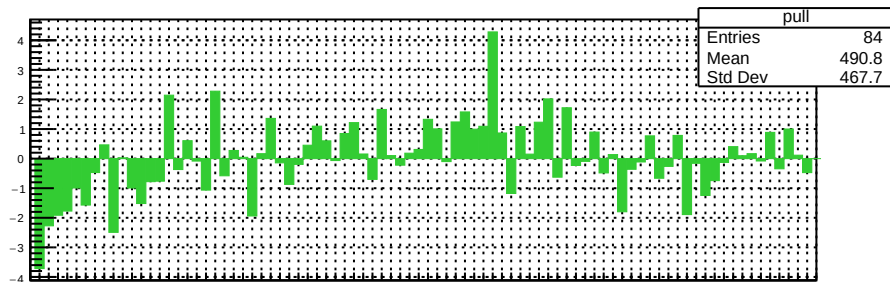
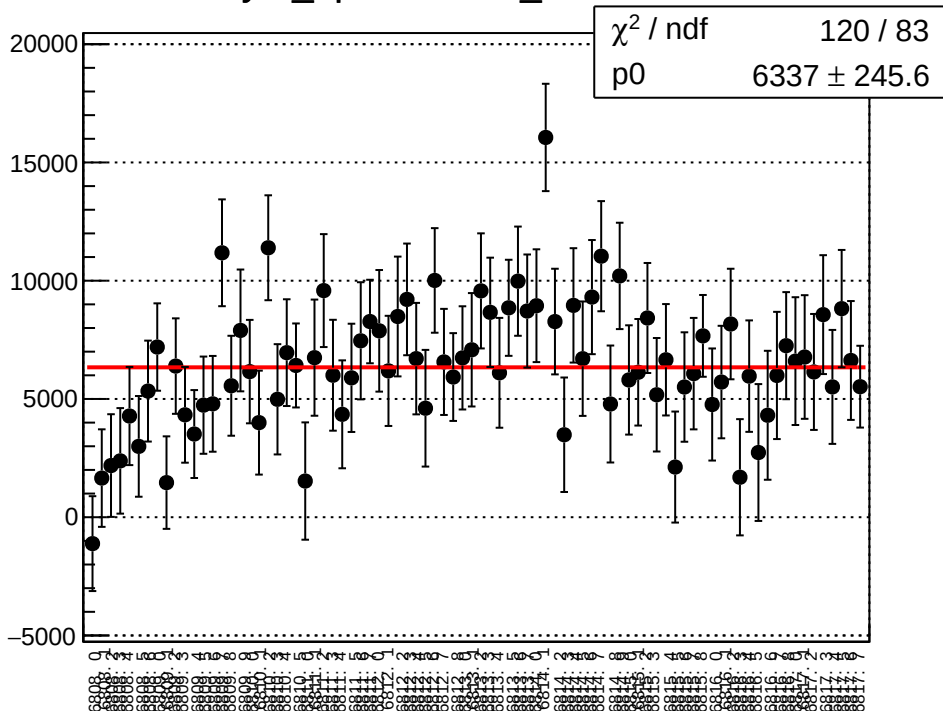
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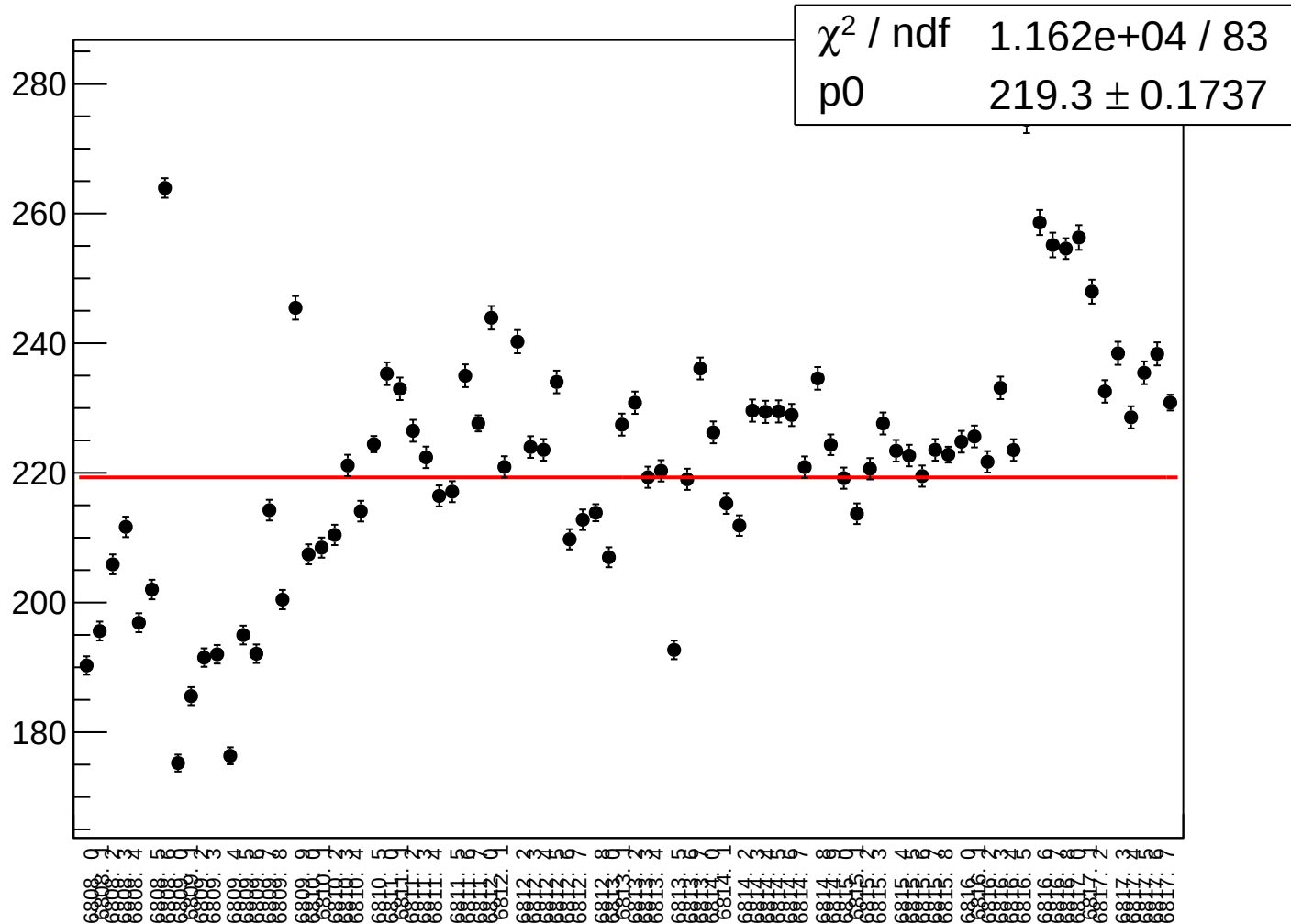
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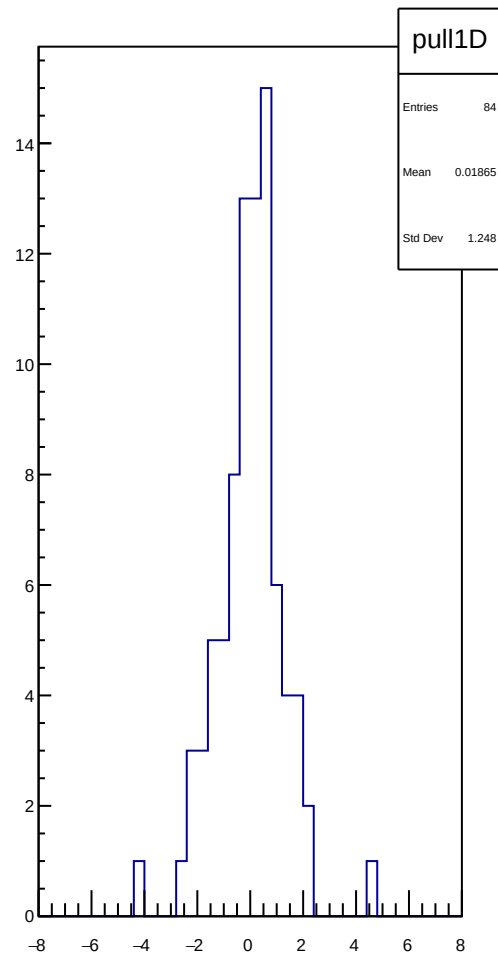
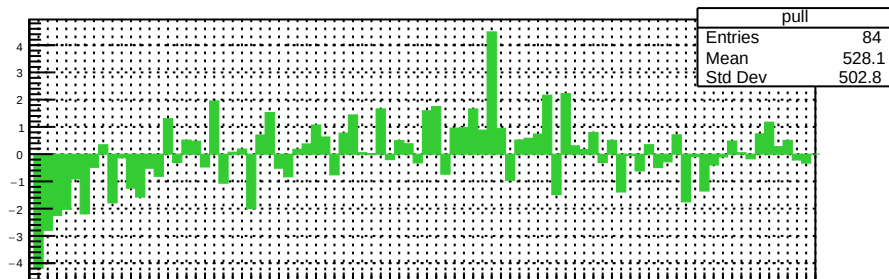
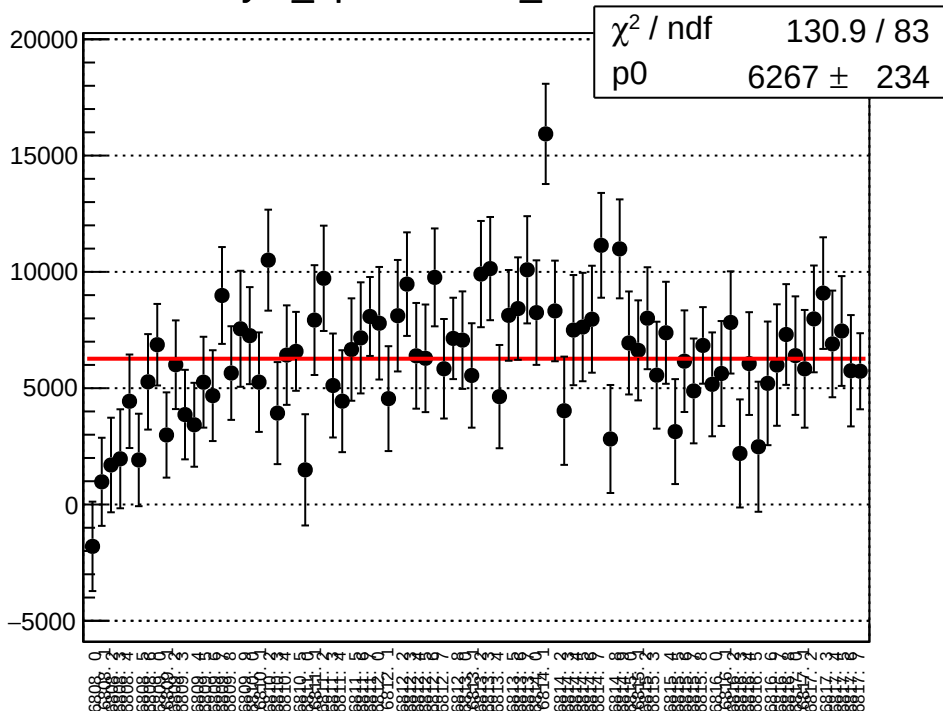
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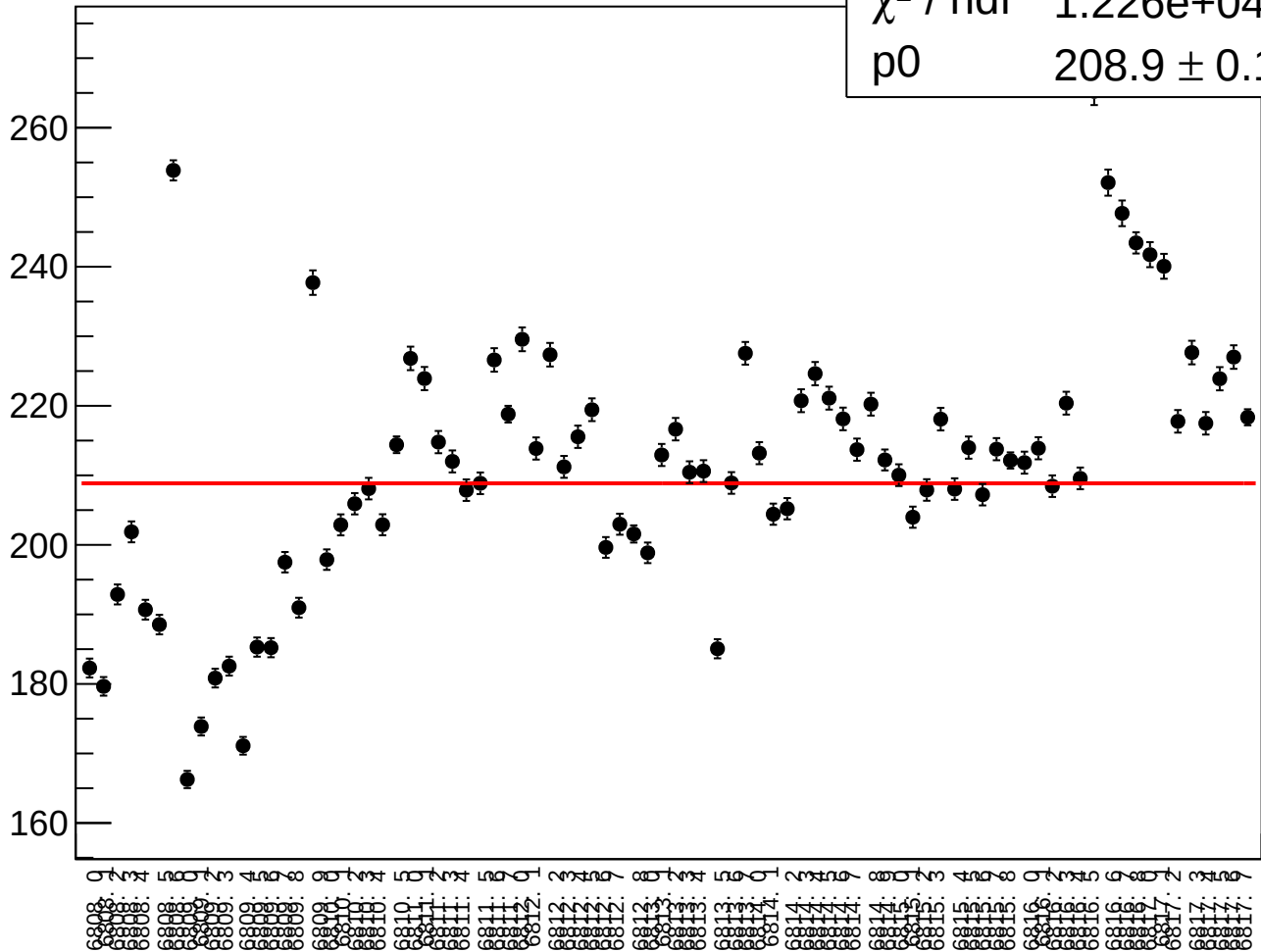


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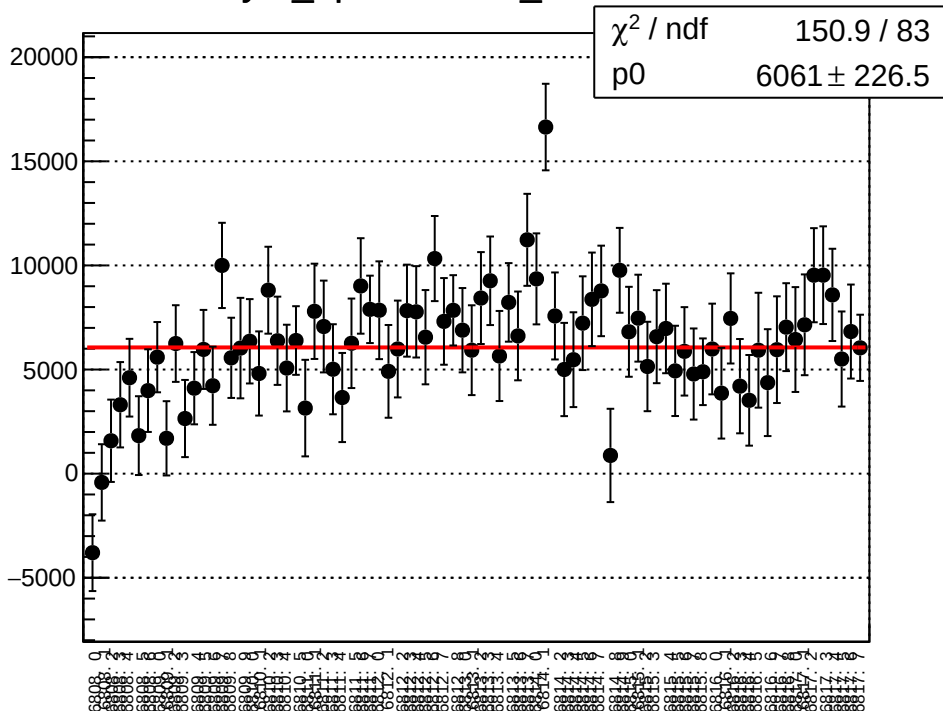


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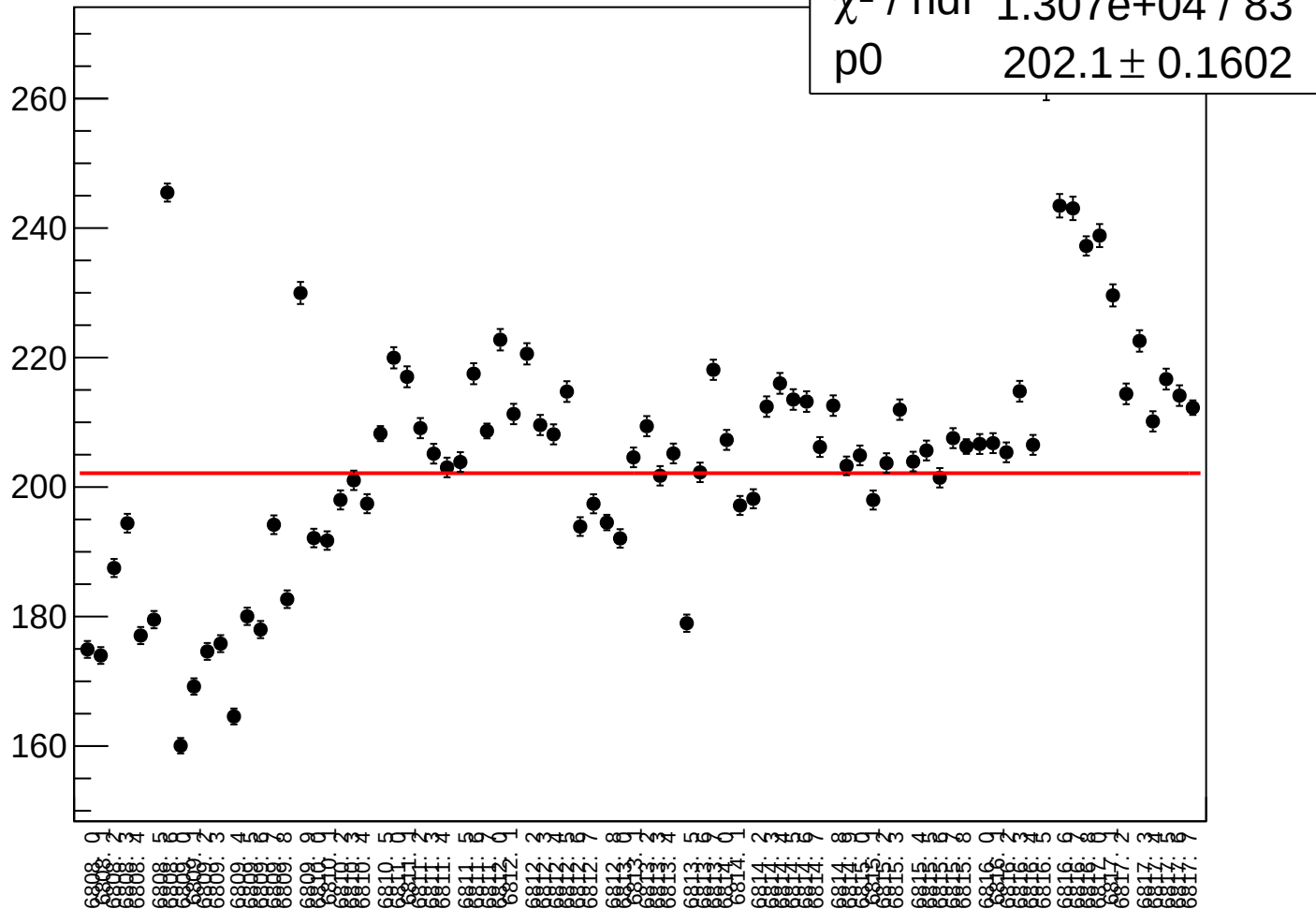


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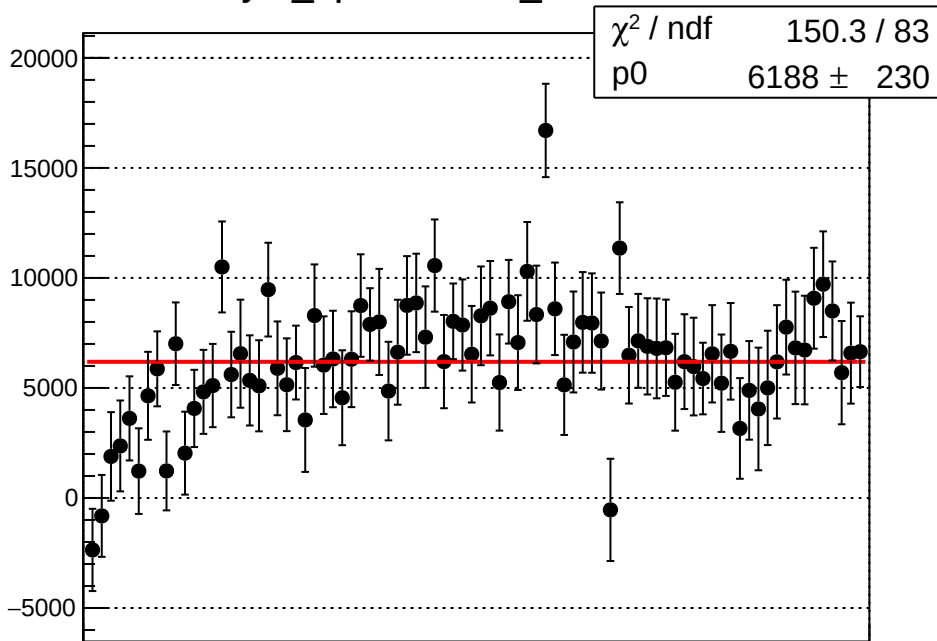


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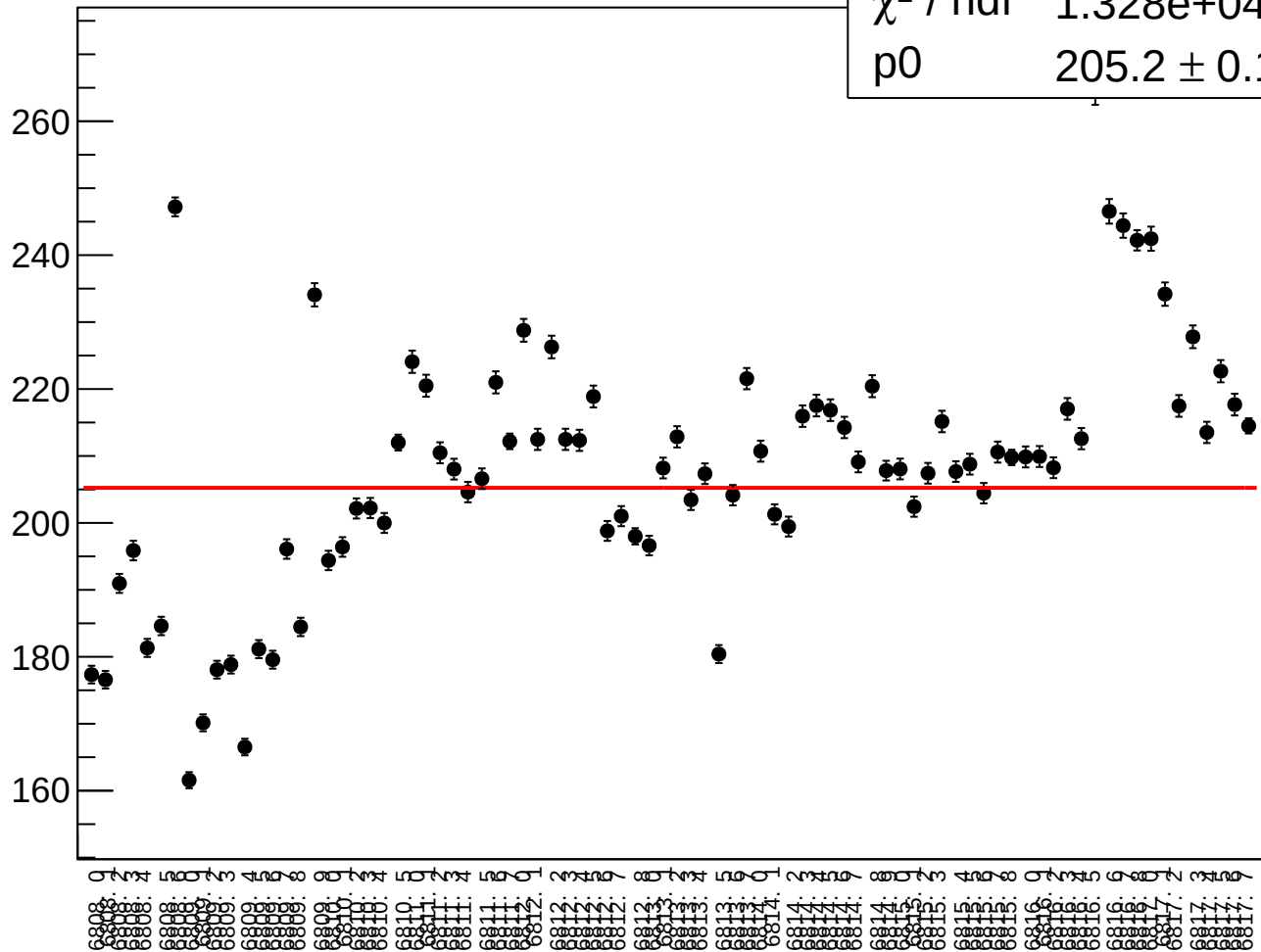
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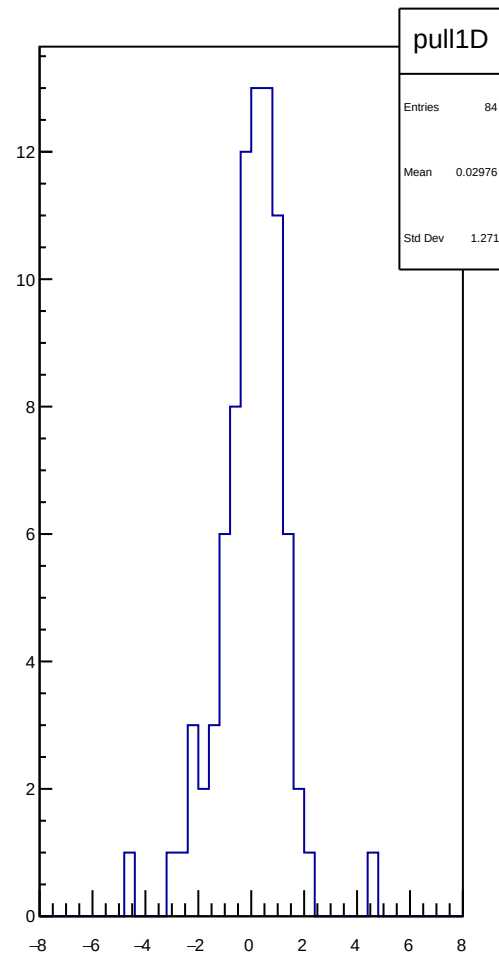
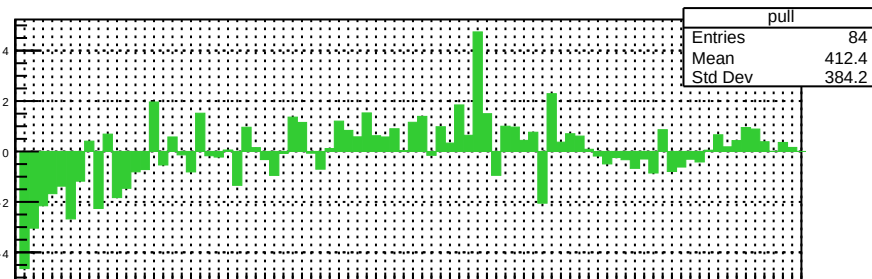
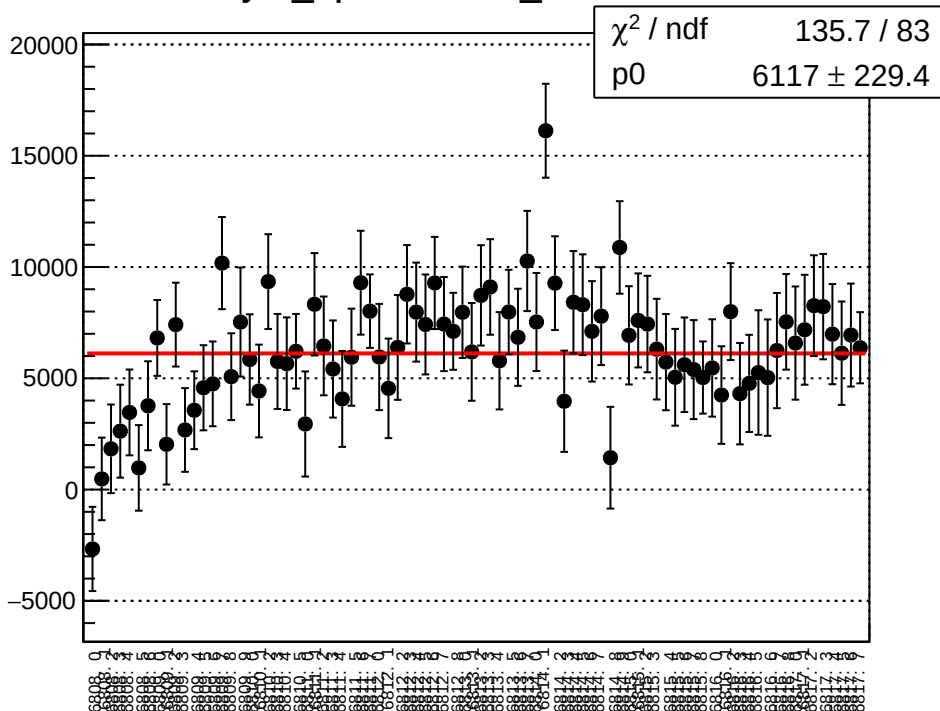
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2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634

asym_bpm0l08WS_rms vs run

χ^2 / ndf 1.328e+04 / 83
p0 205.2 $\pm$ 0.1626

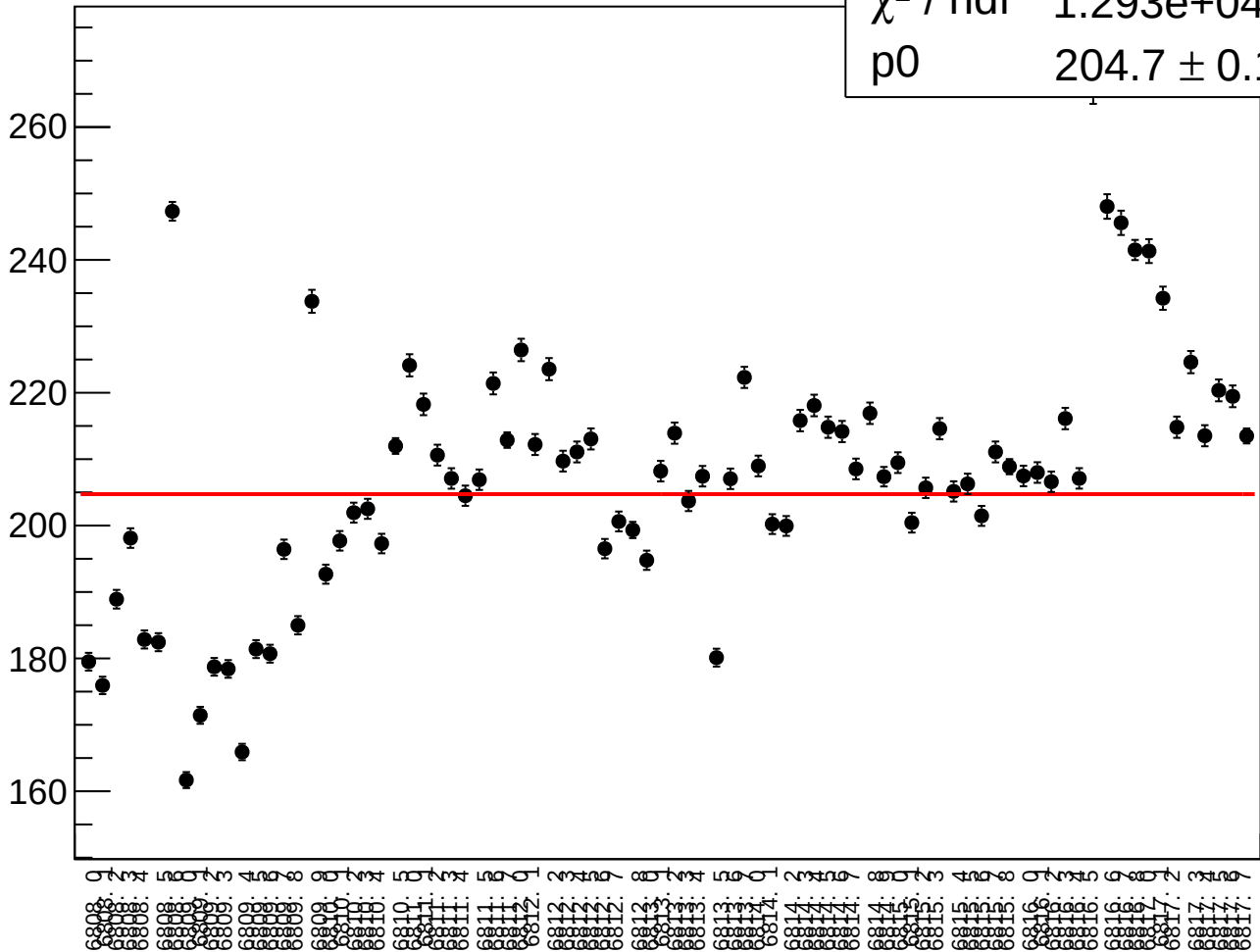


asym_bpm0I09WS_mean vs run

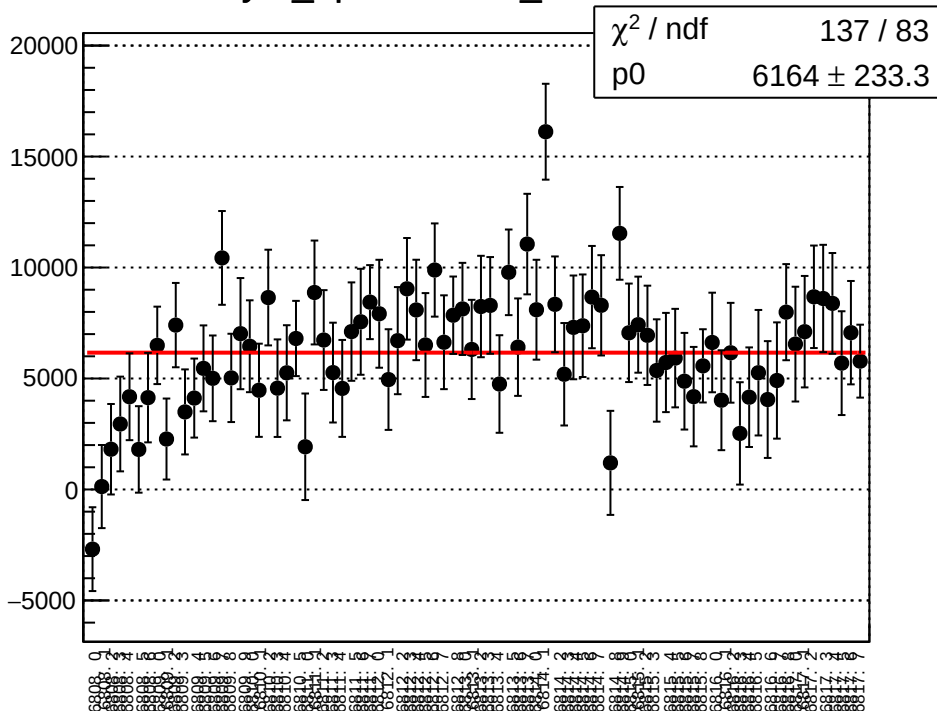


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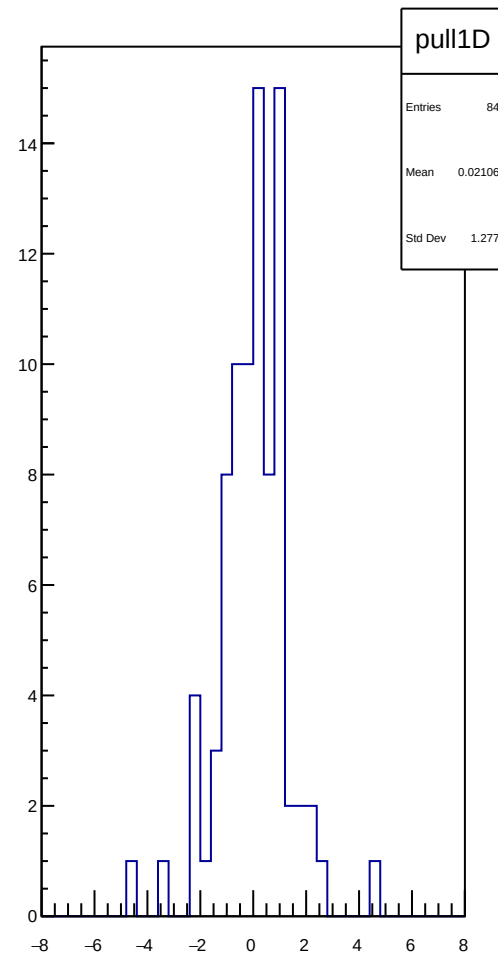
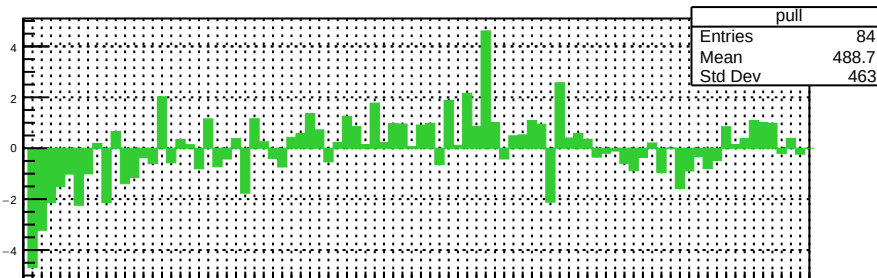
χ^2 / ndf 1.293e+04 / 83
p0 204.7 ± 0.1622



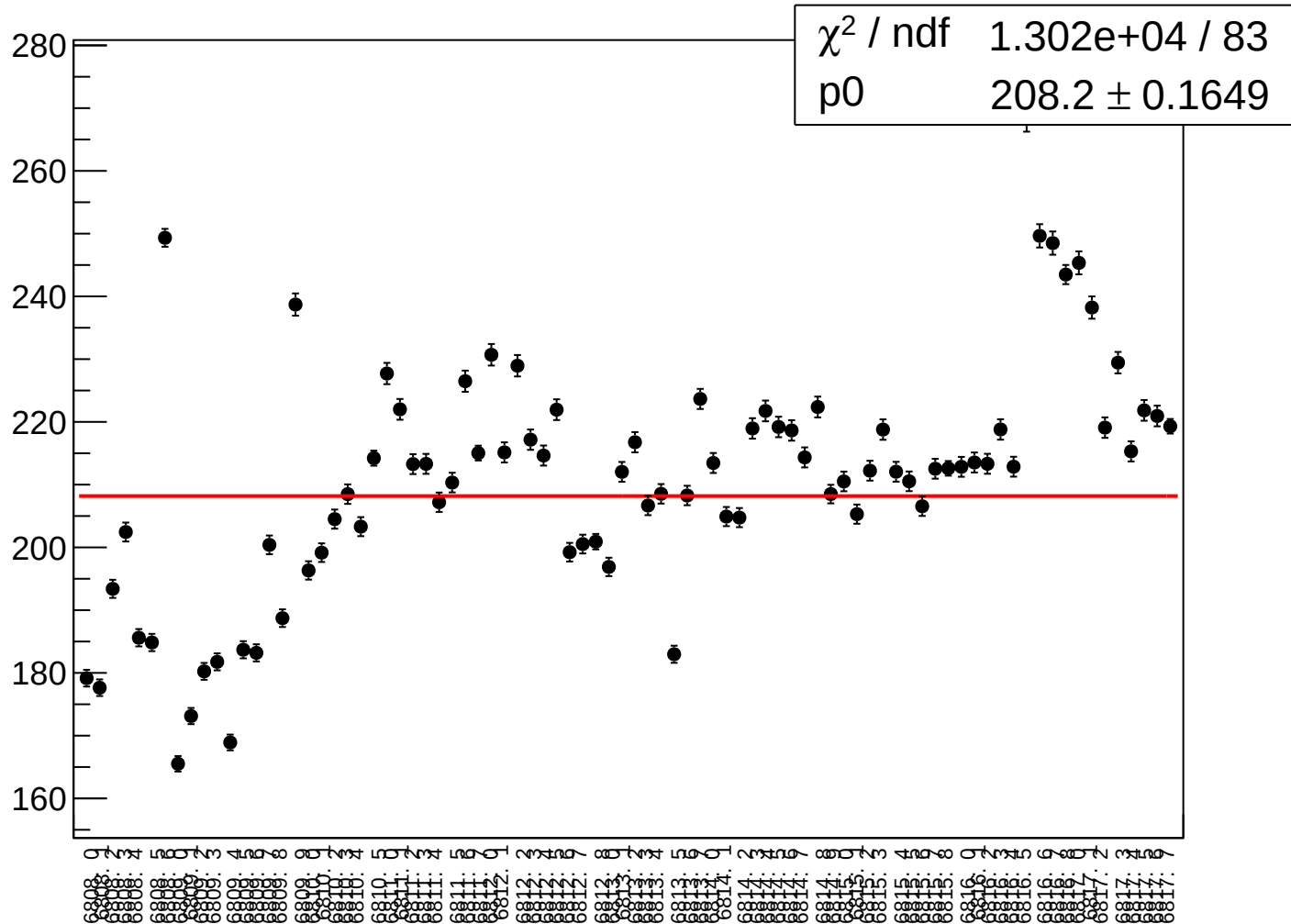
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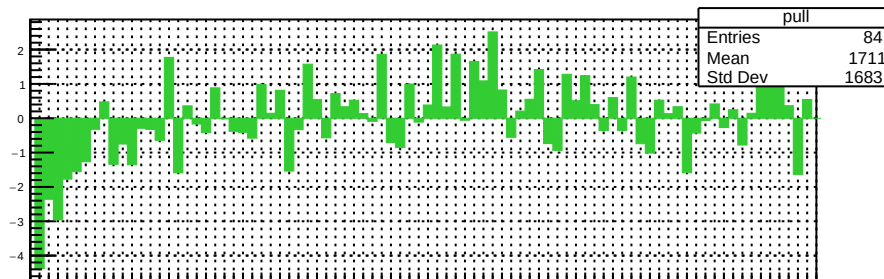
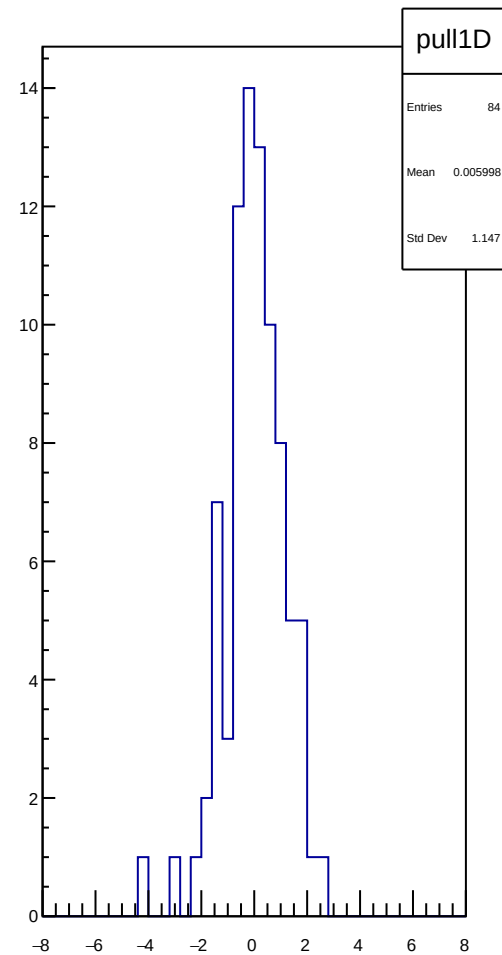
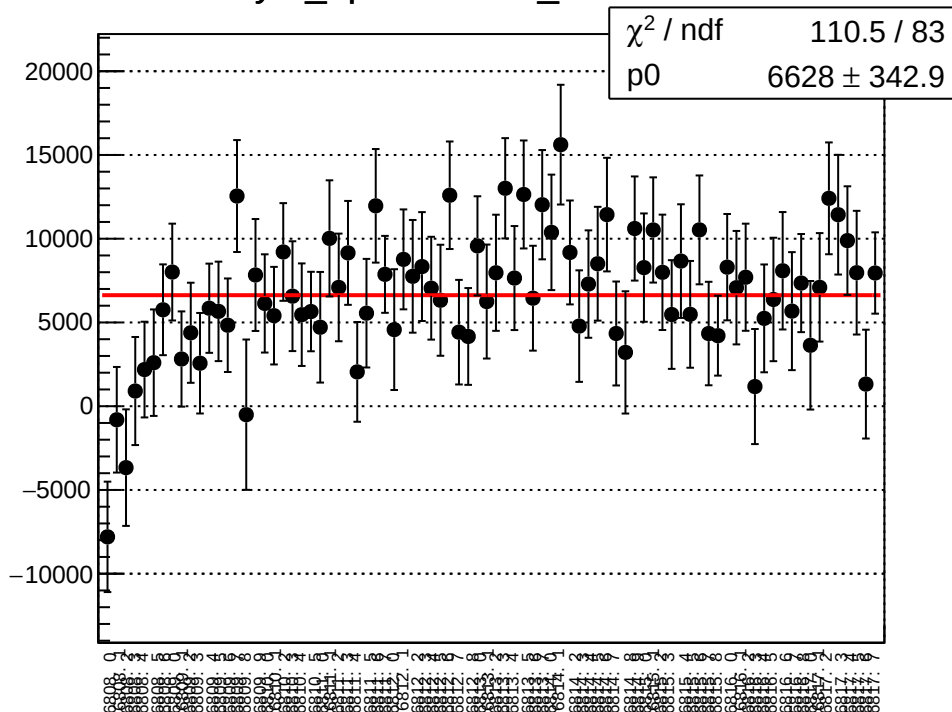
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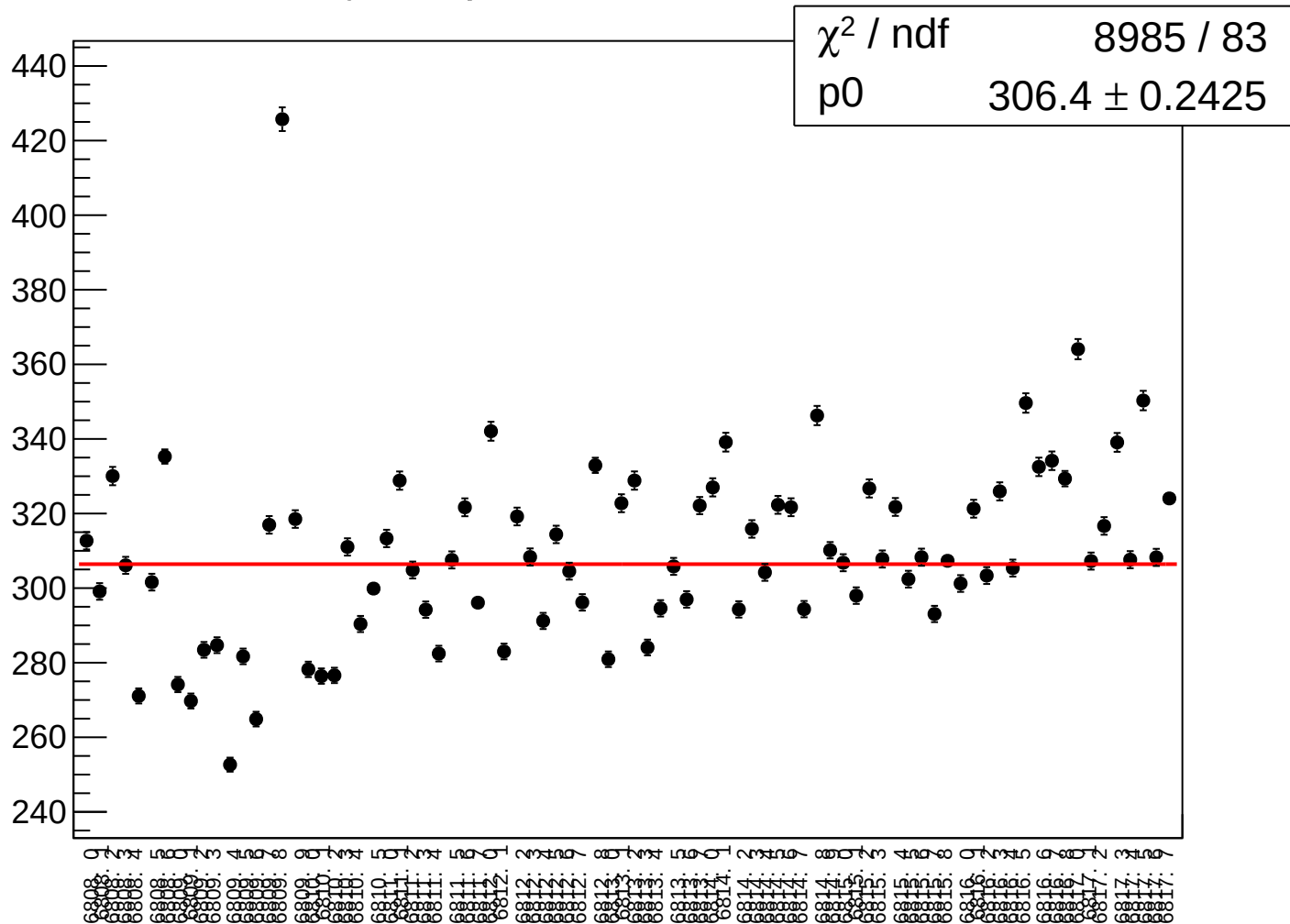
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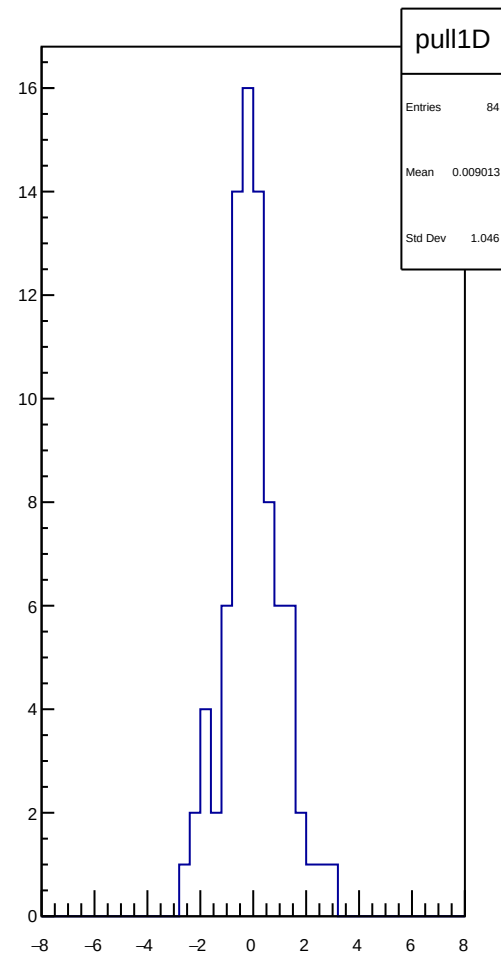
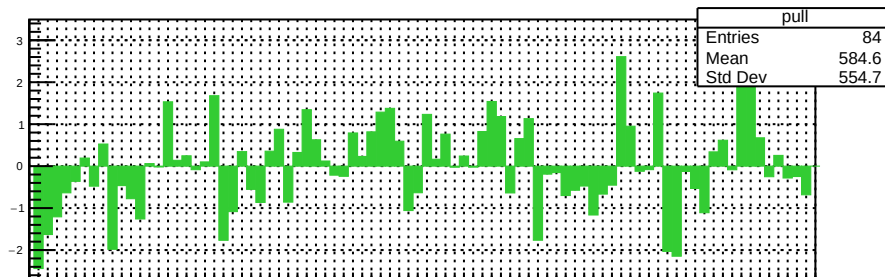
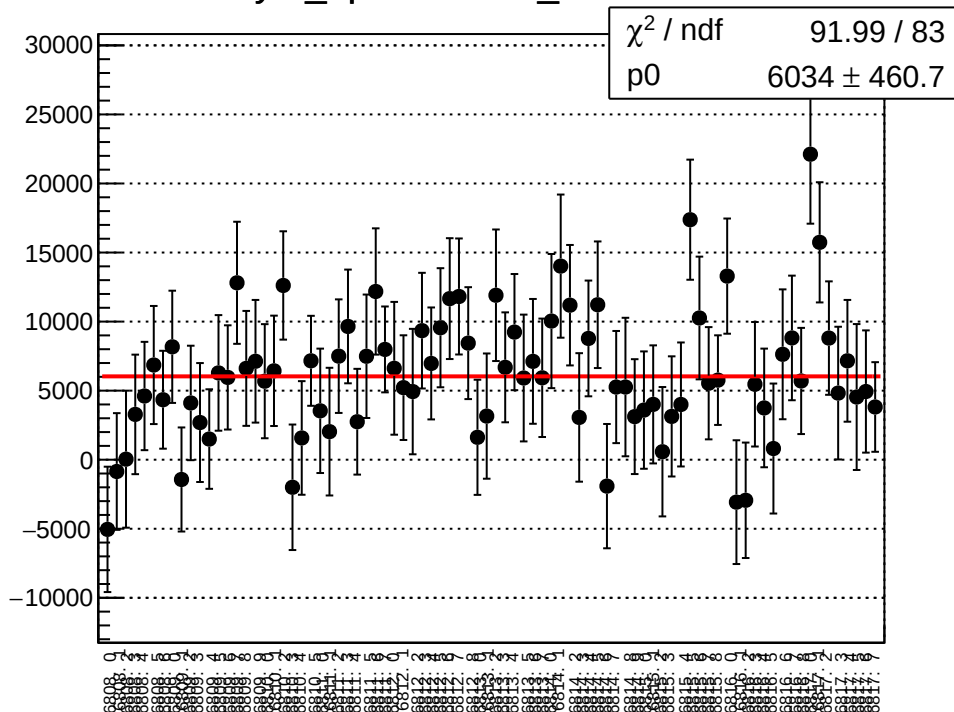
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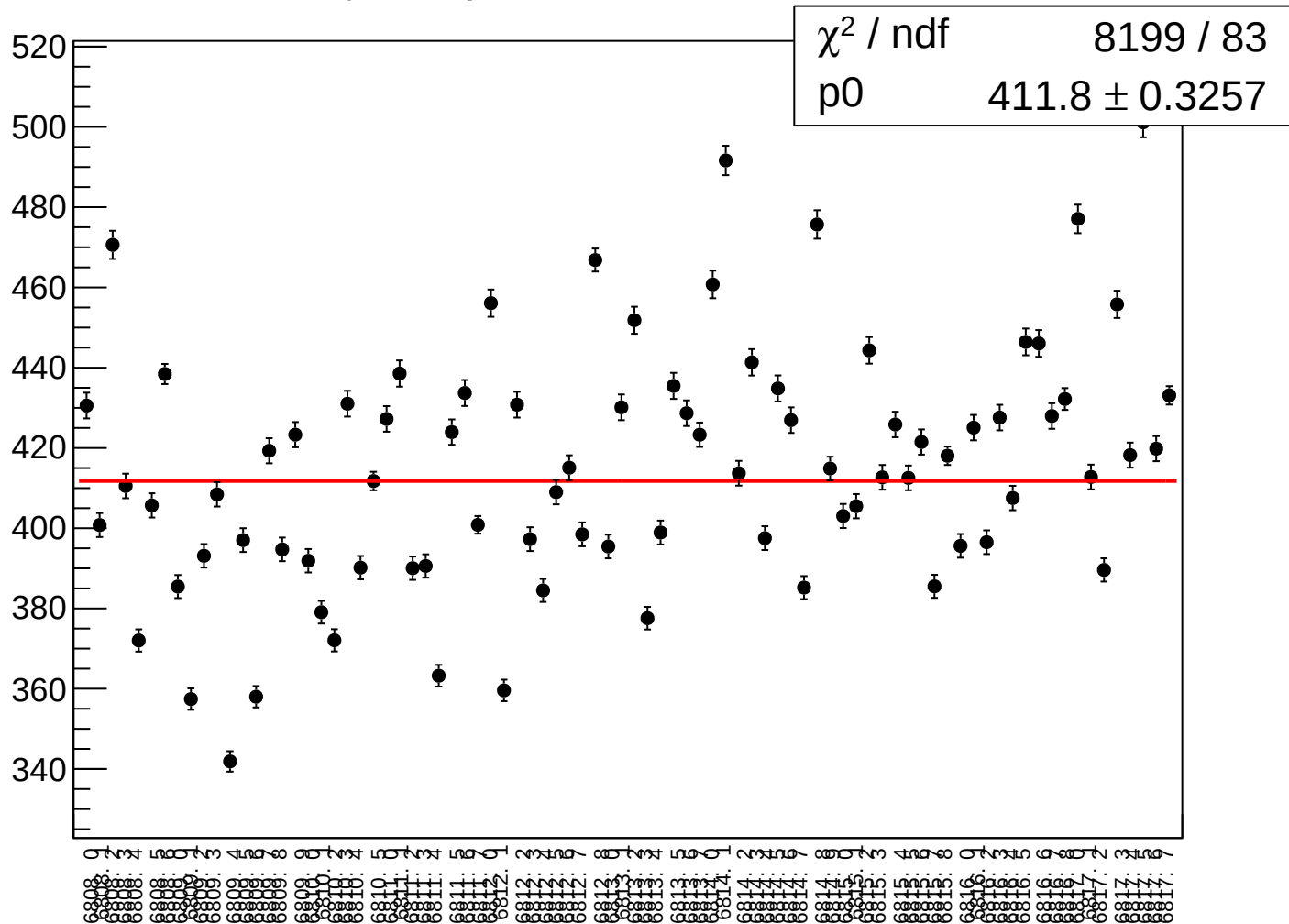
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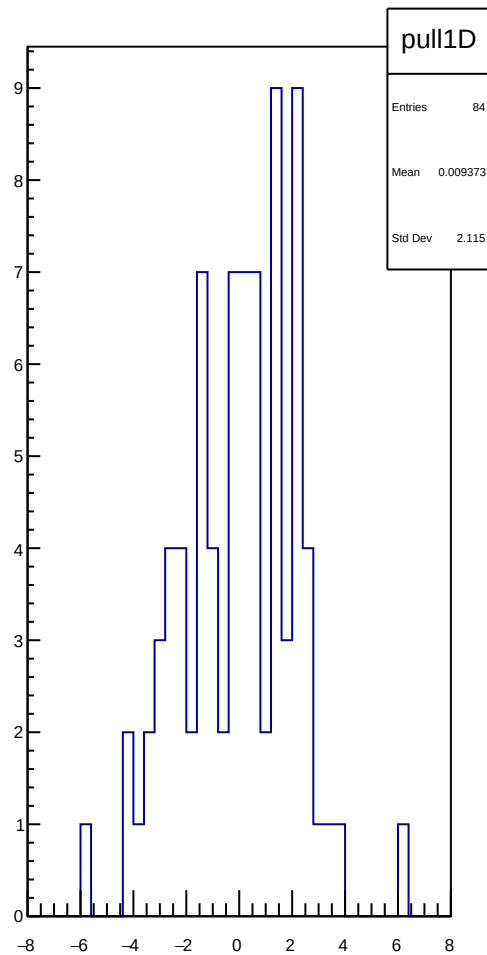
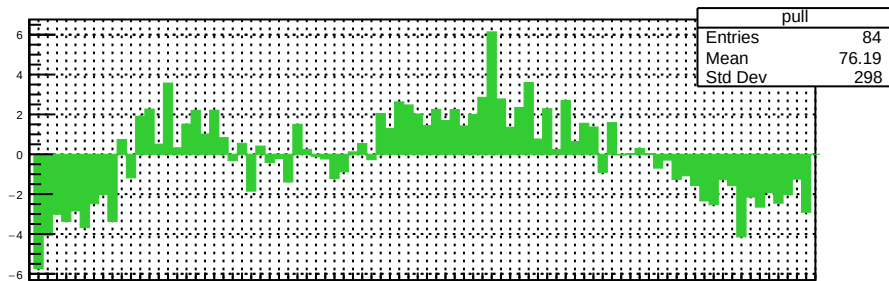
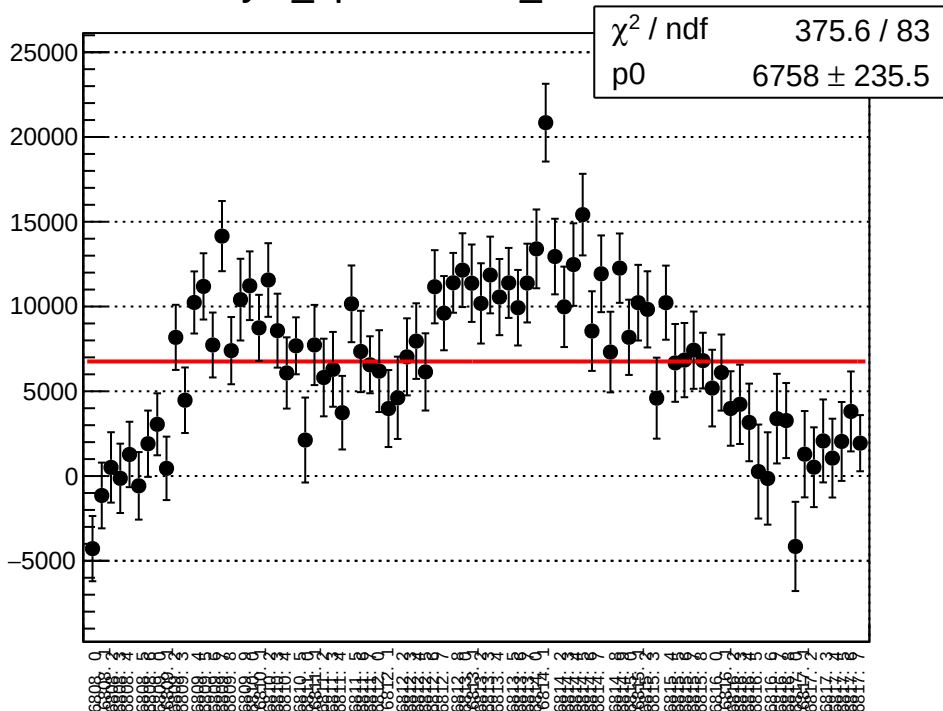
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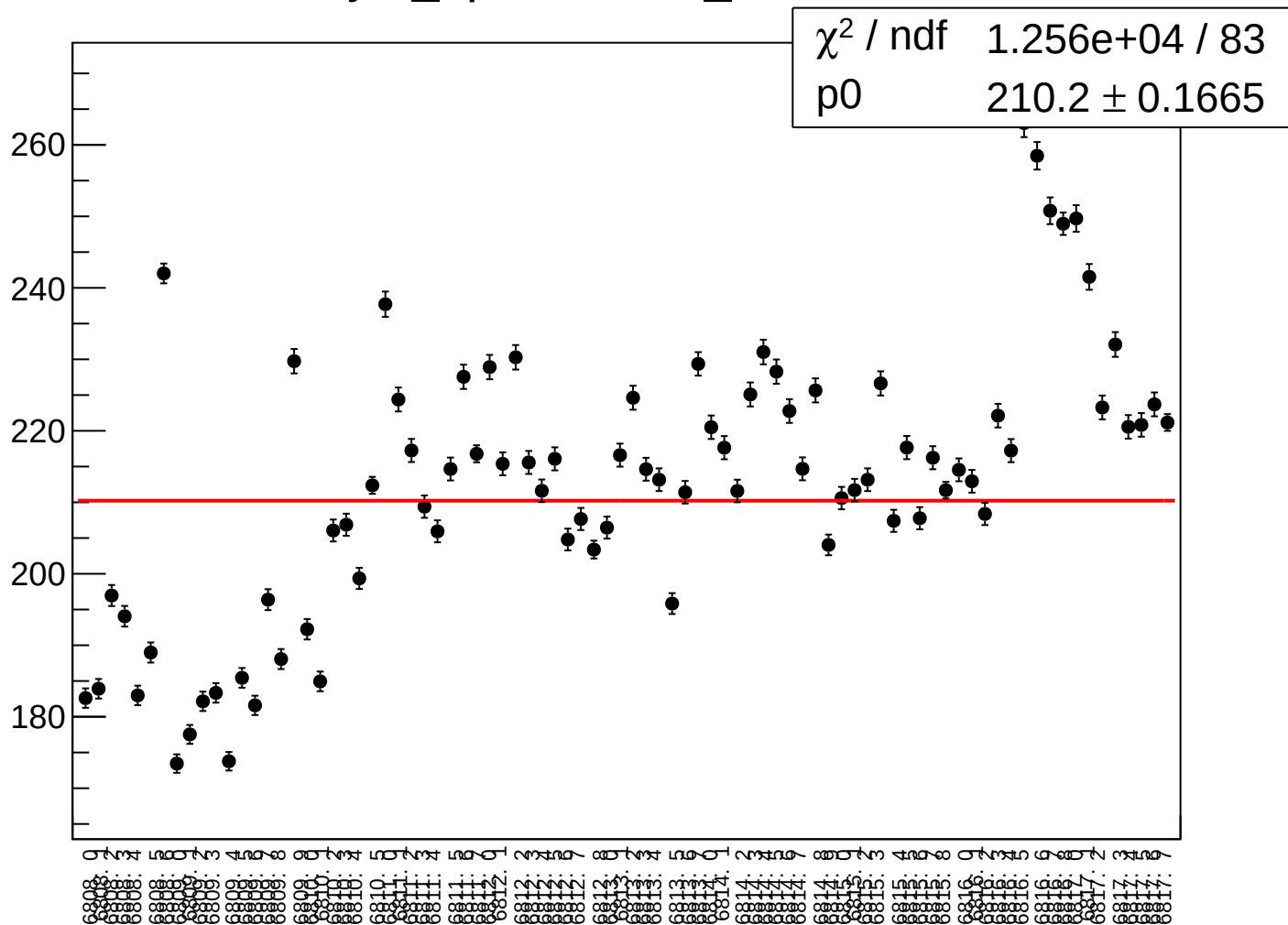
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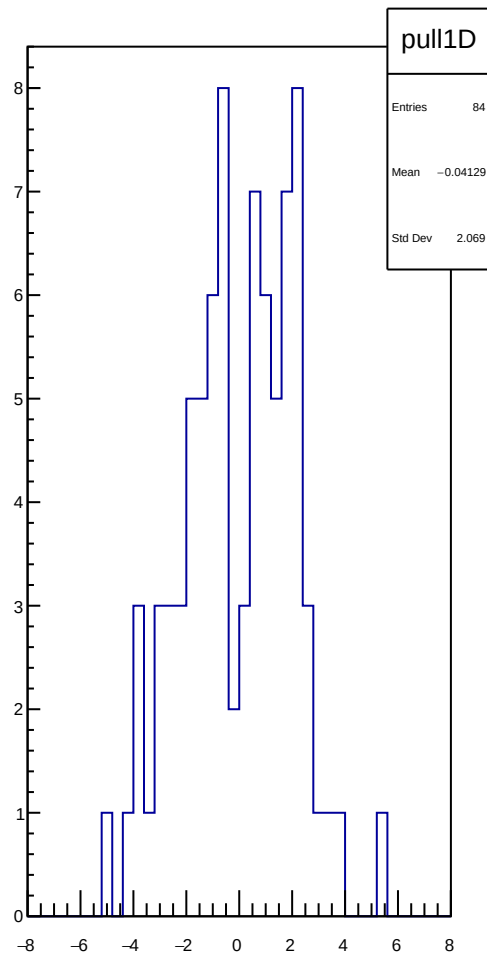
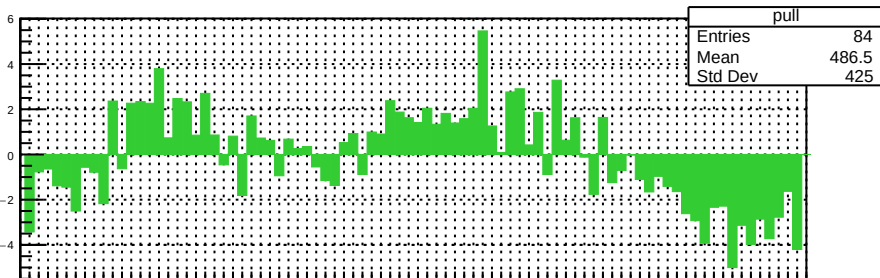
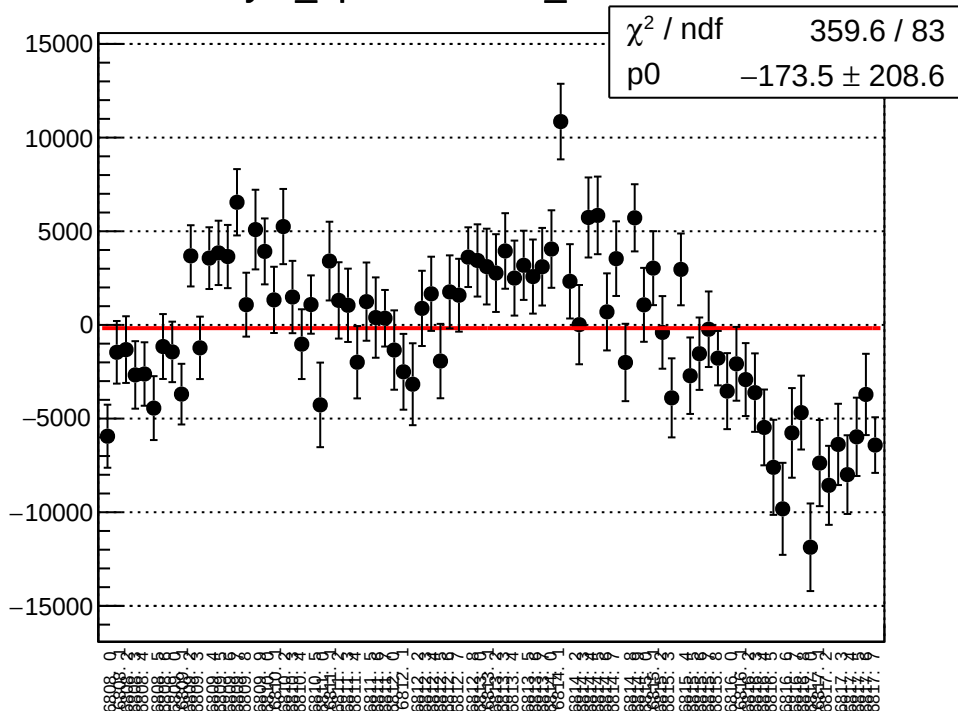
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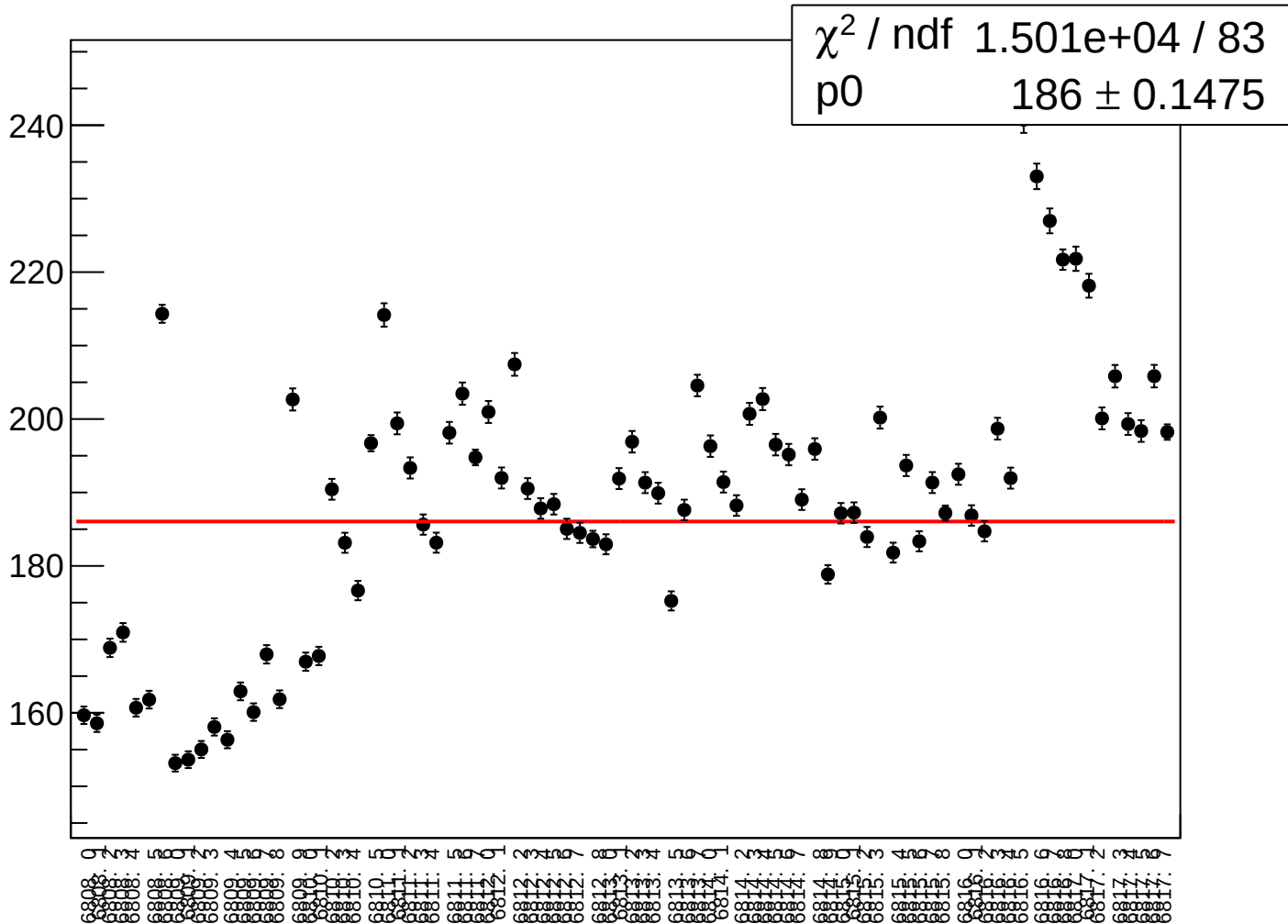
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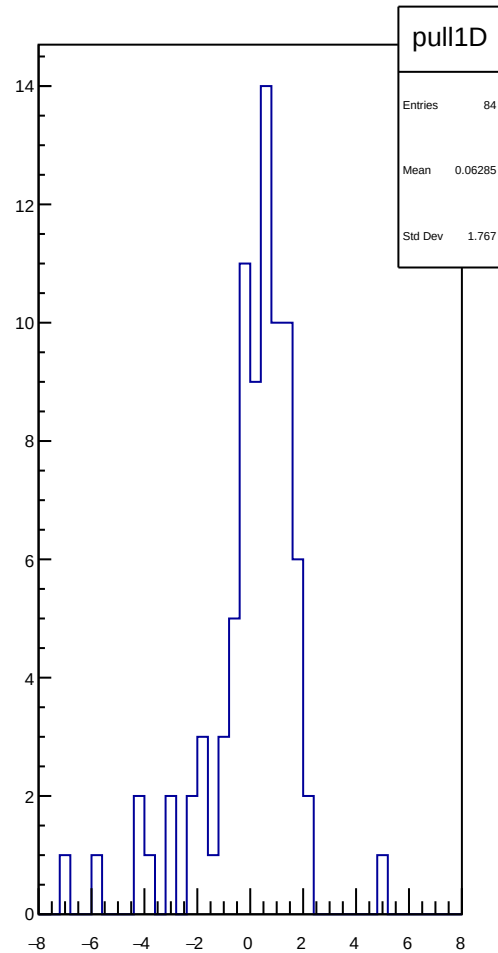
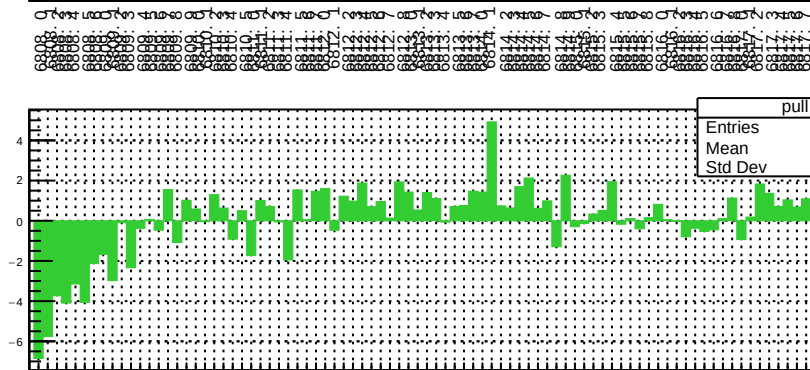
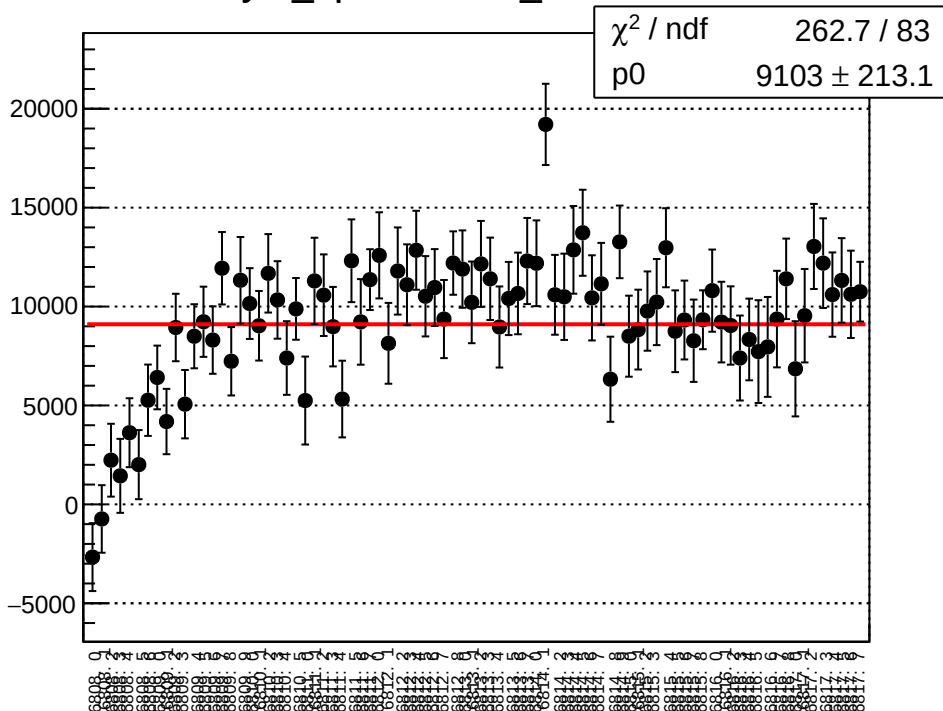
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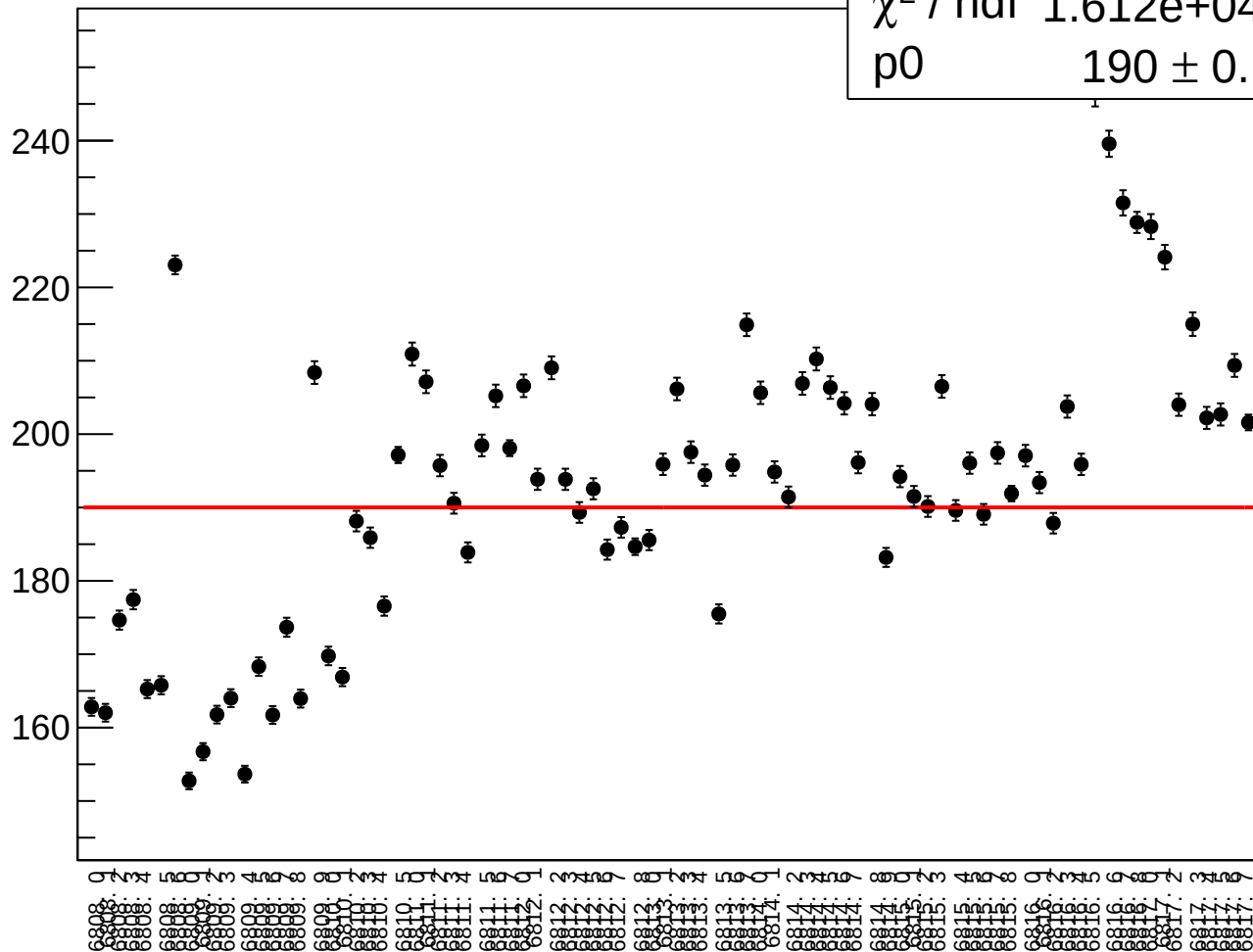
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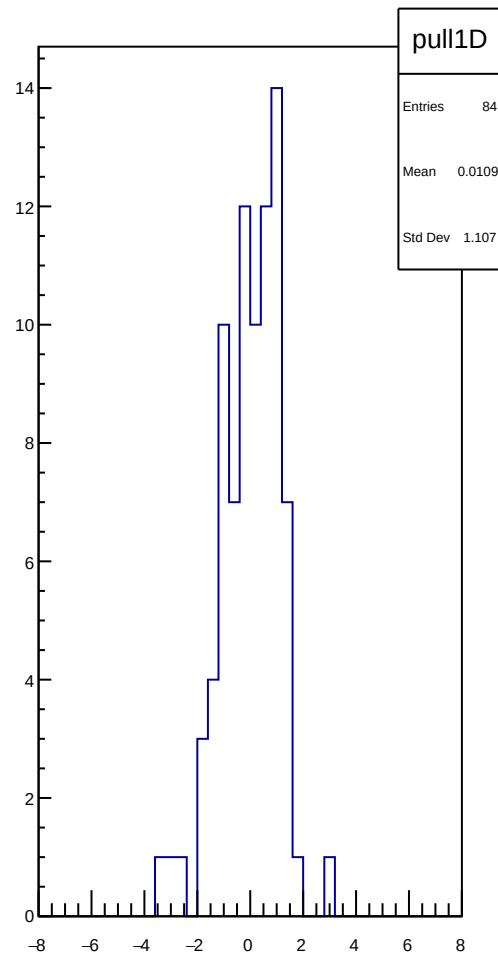
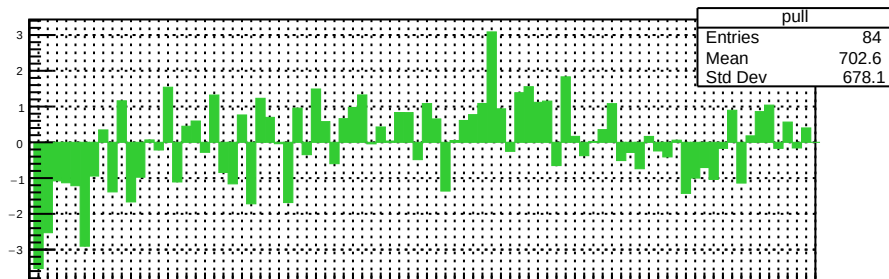
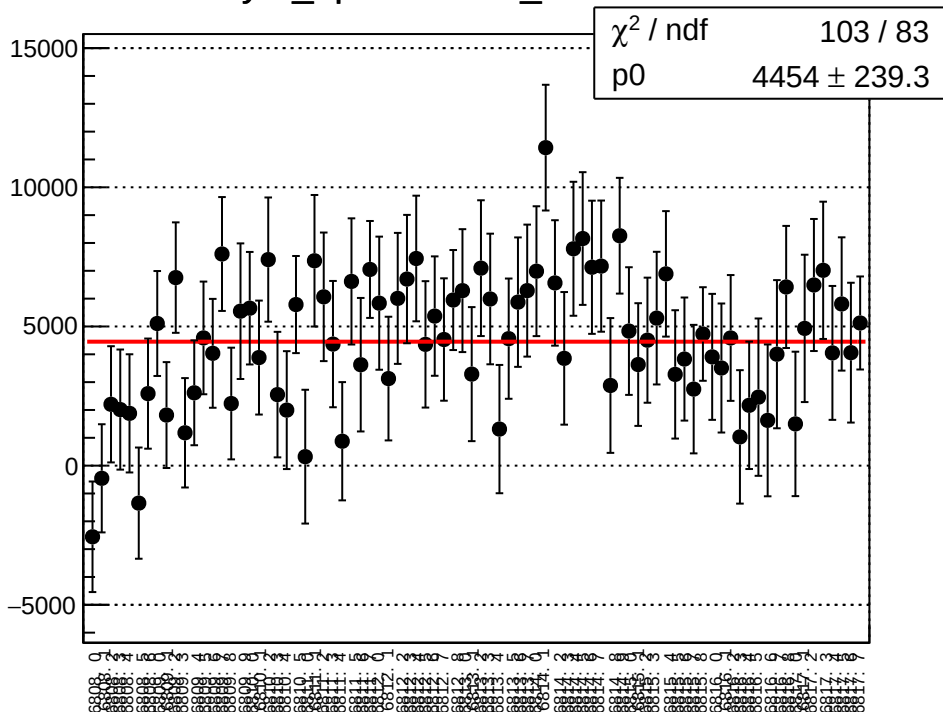
asym_bpm0i05WS_mean vs run



χ^2 / ndf 1.612e+04 / 83
p0 190 $\pm$ 0.1507

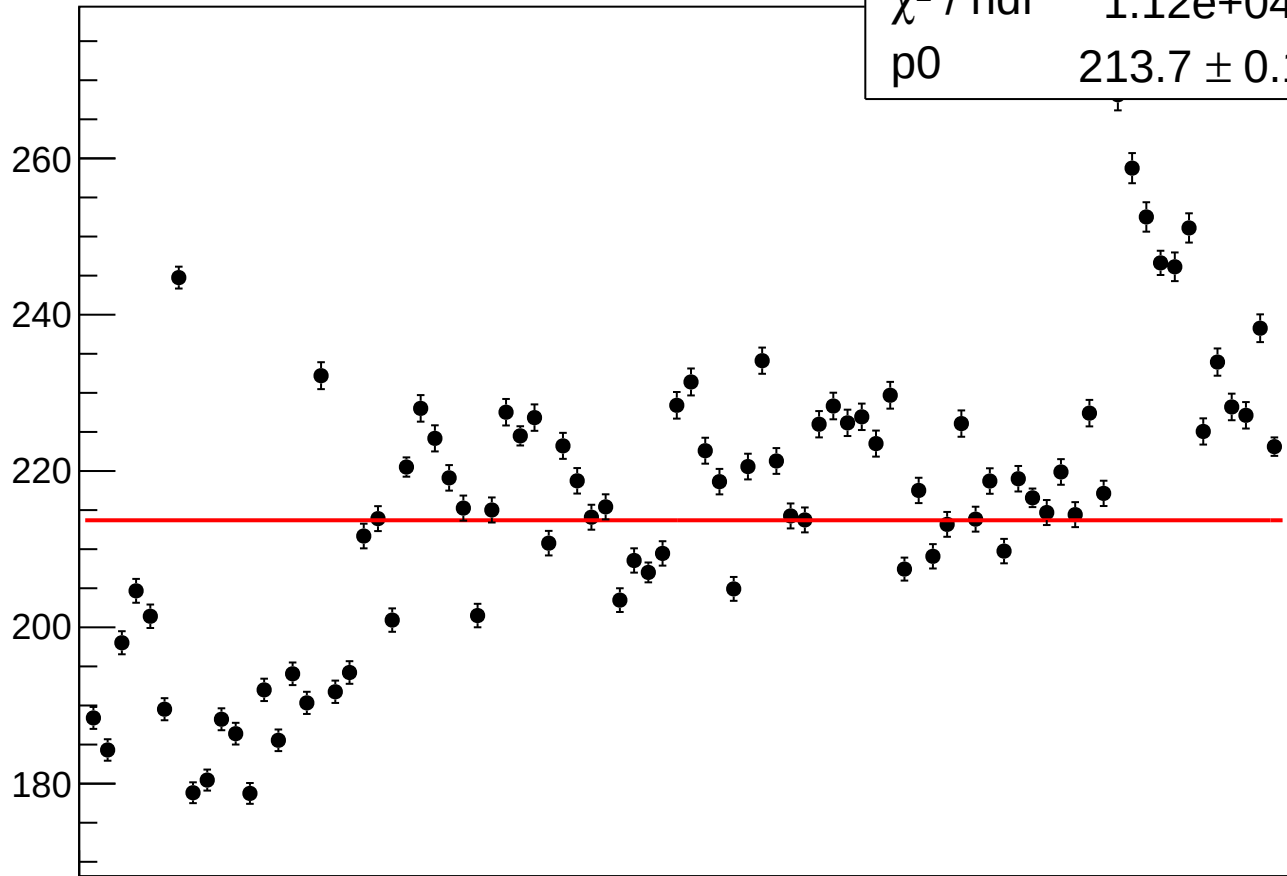


asym_bpm0i07WS_mean vs run



asym_bpm0i07WS_rms vs run

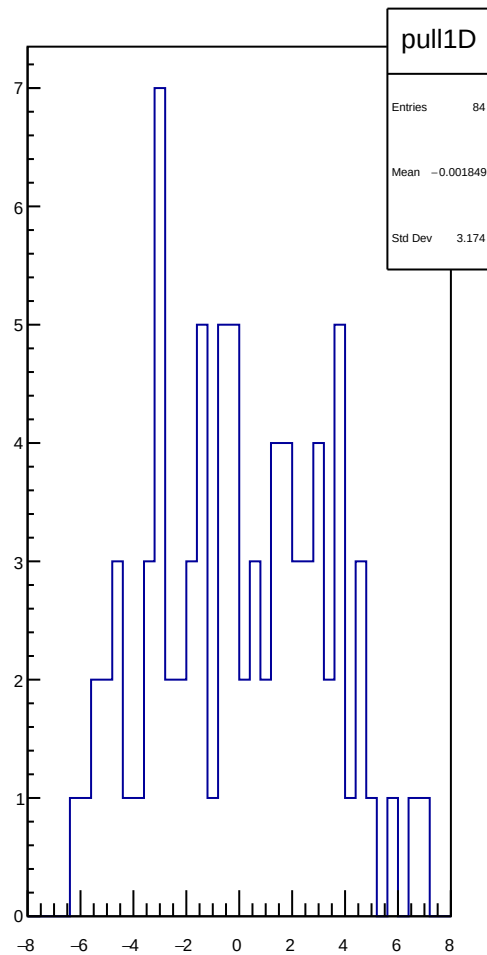
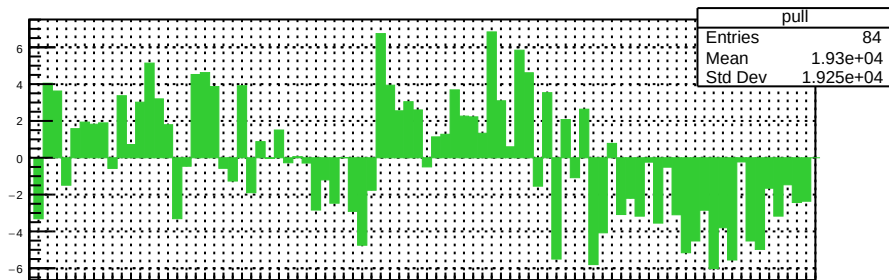
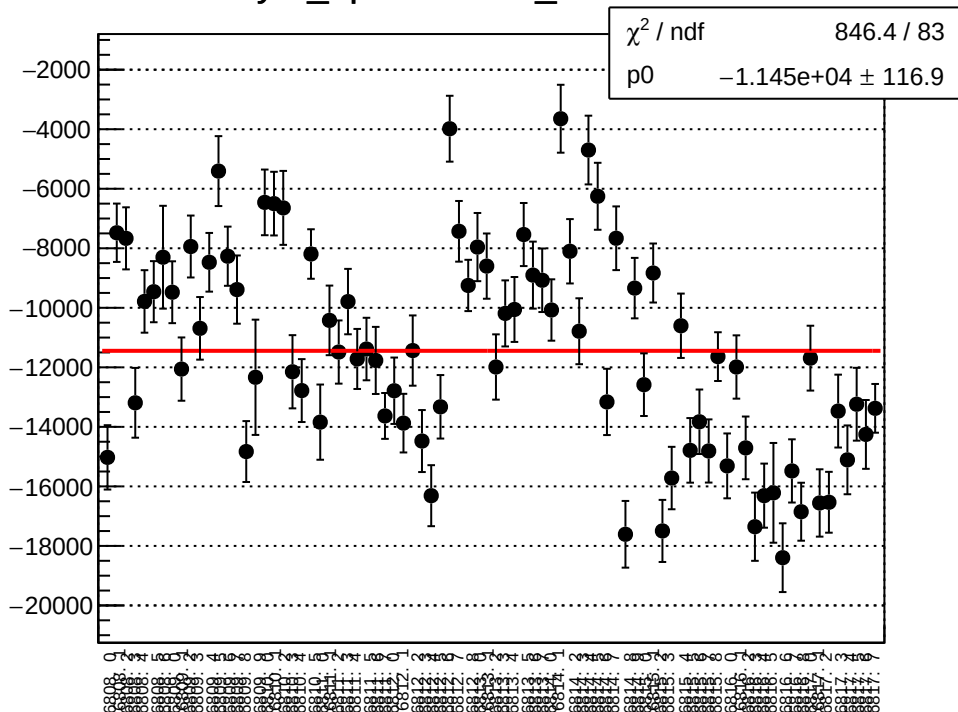
χ^2 / ndf 1.12e+04 / 83
p0 213.7 ± 0.1692



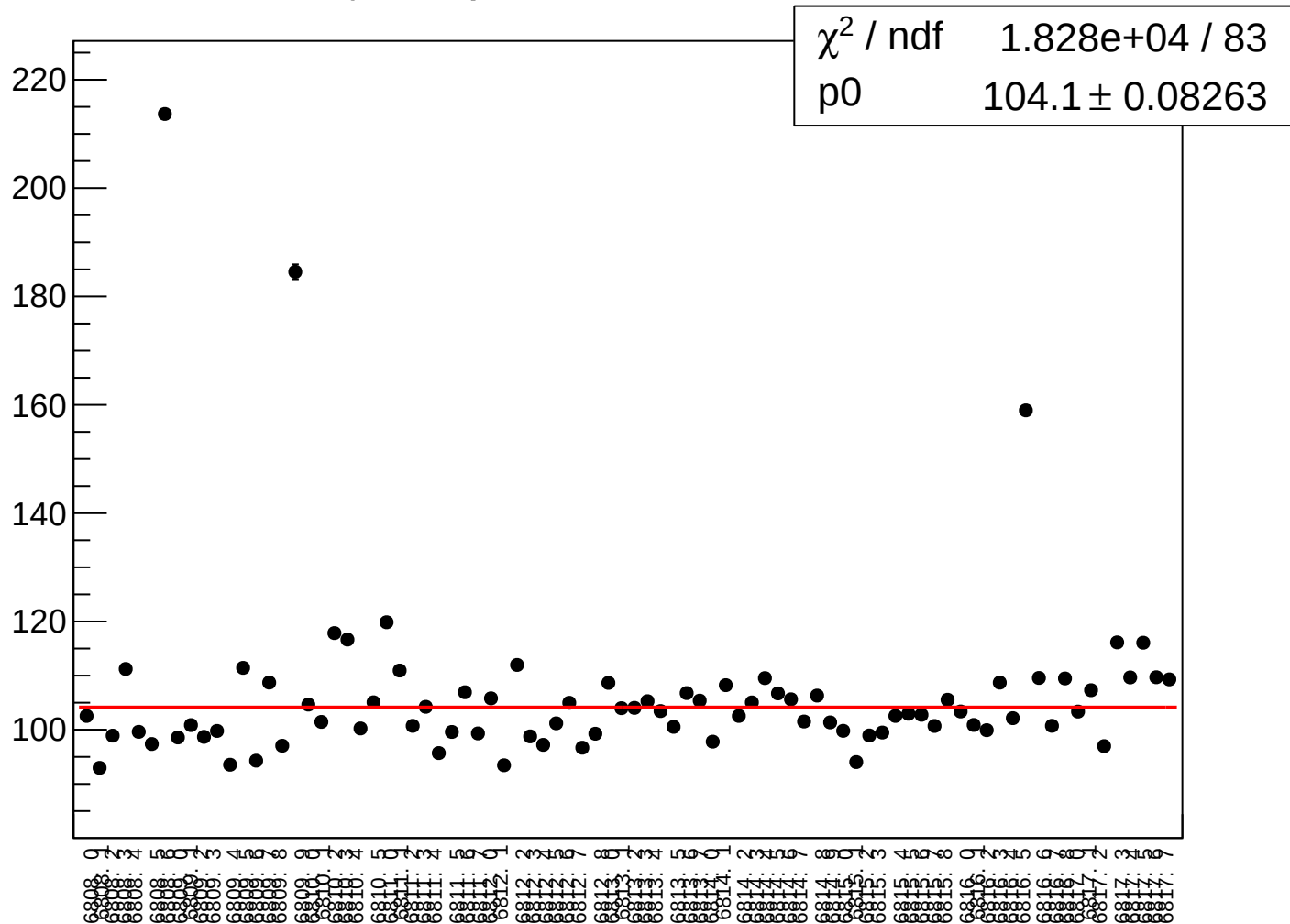
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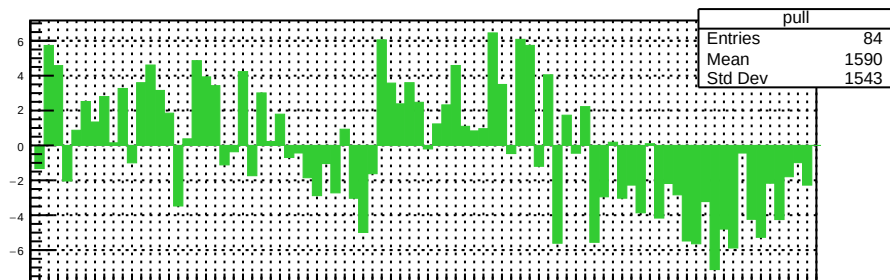
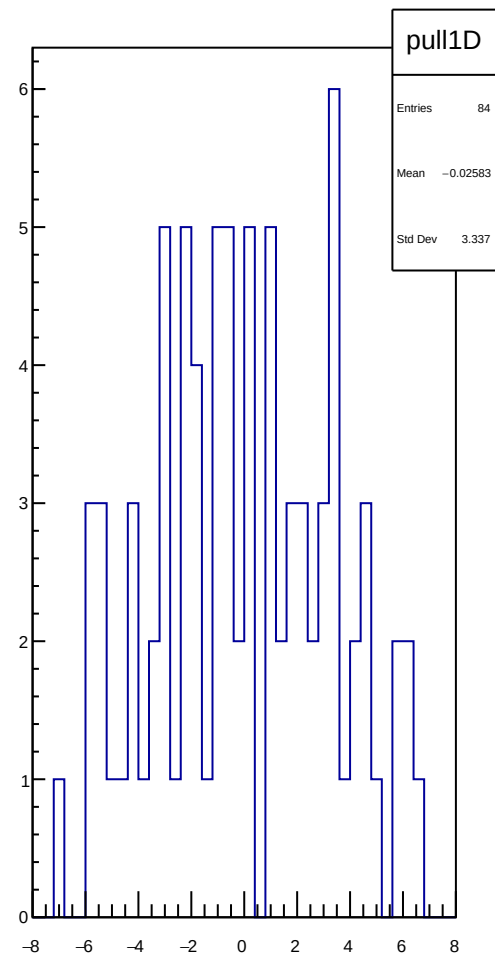
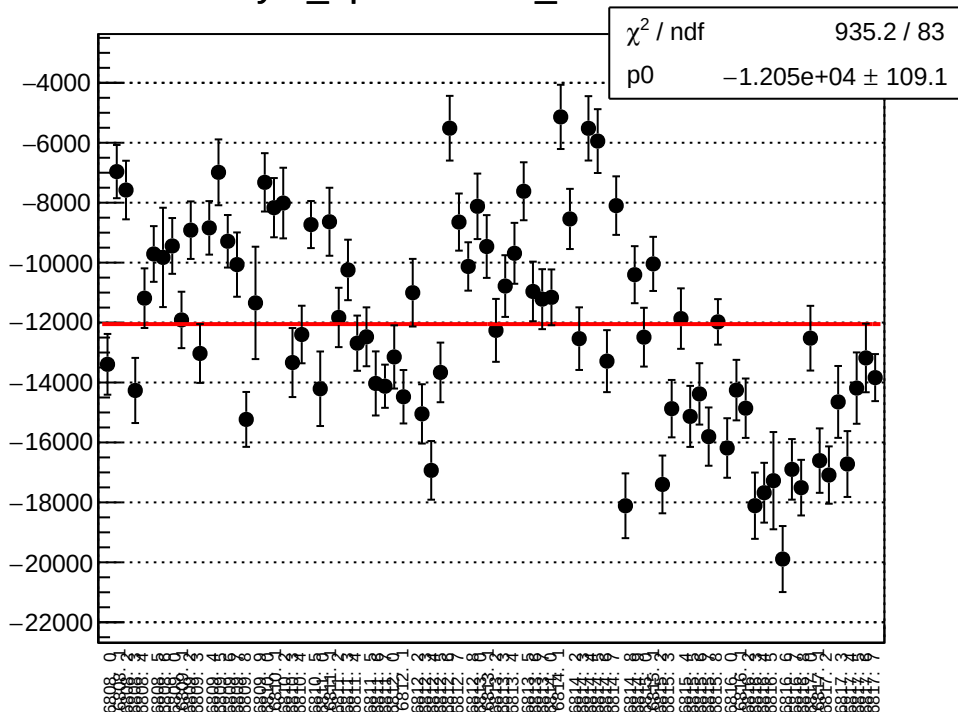
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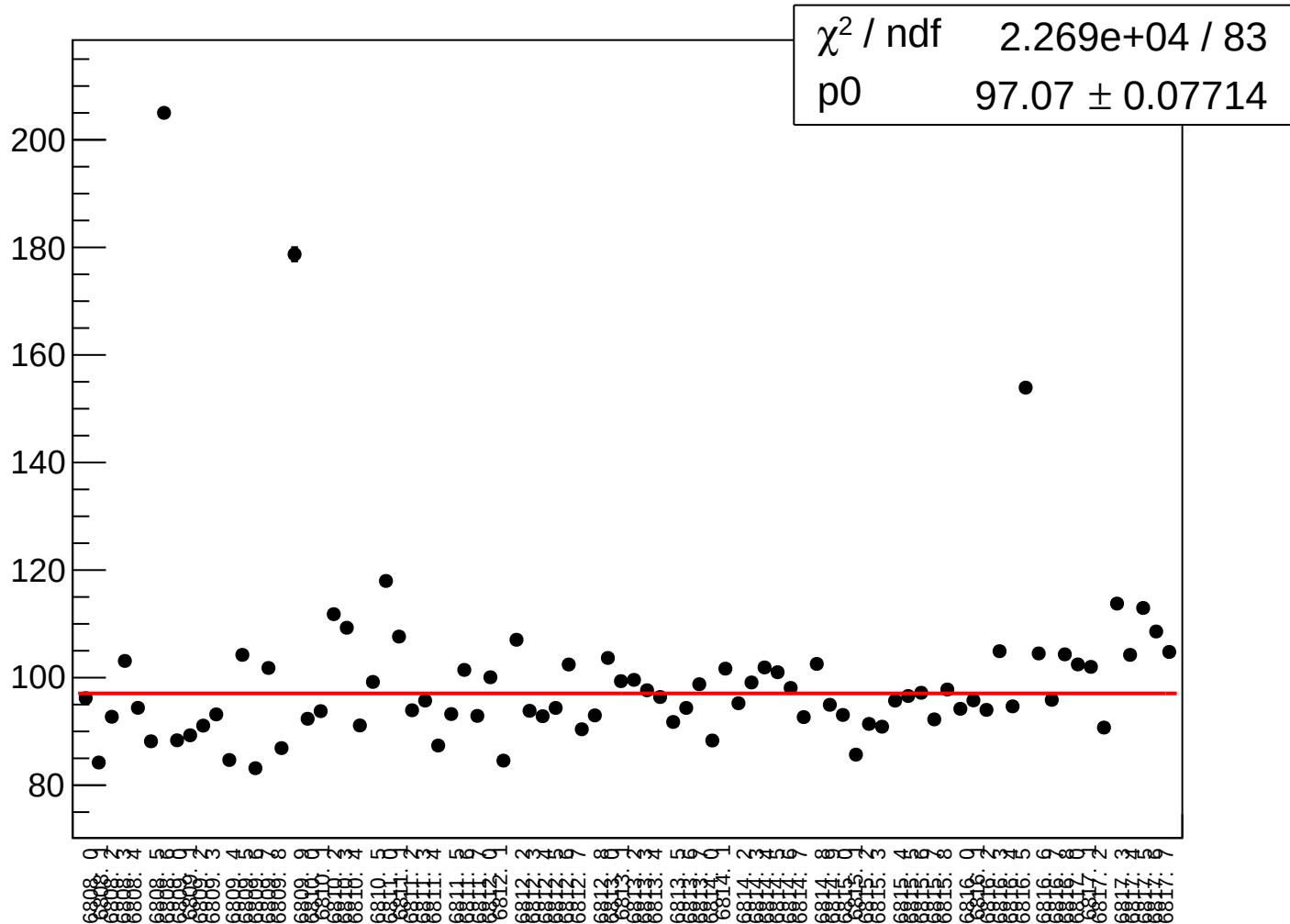
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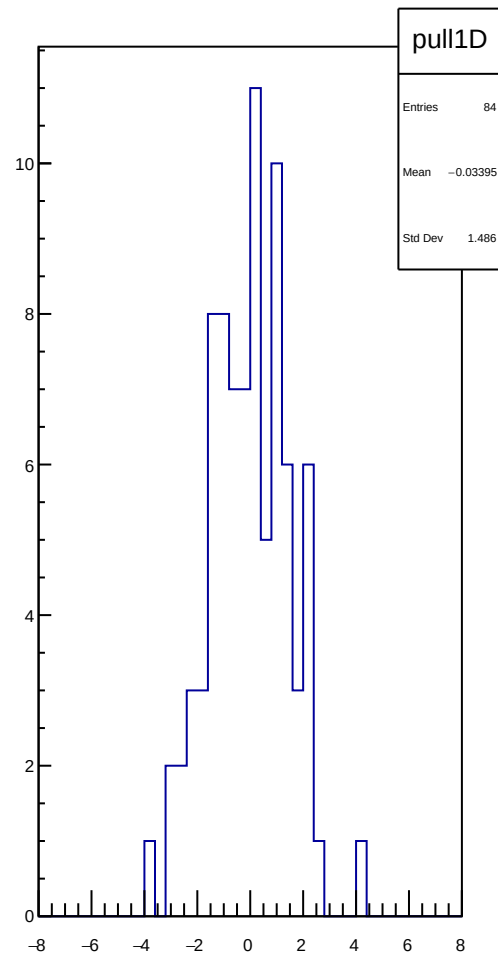
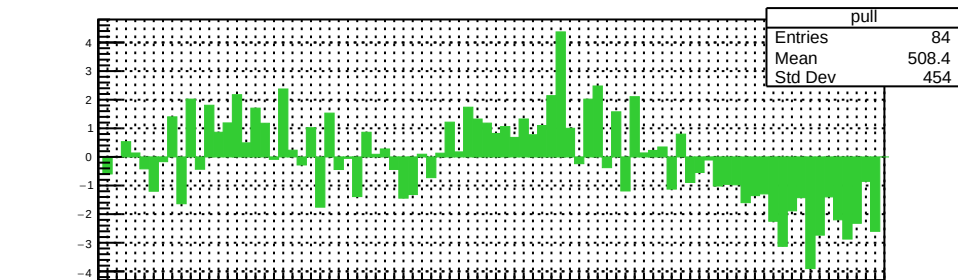
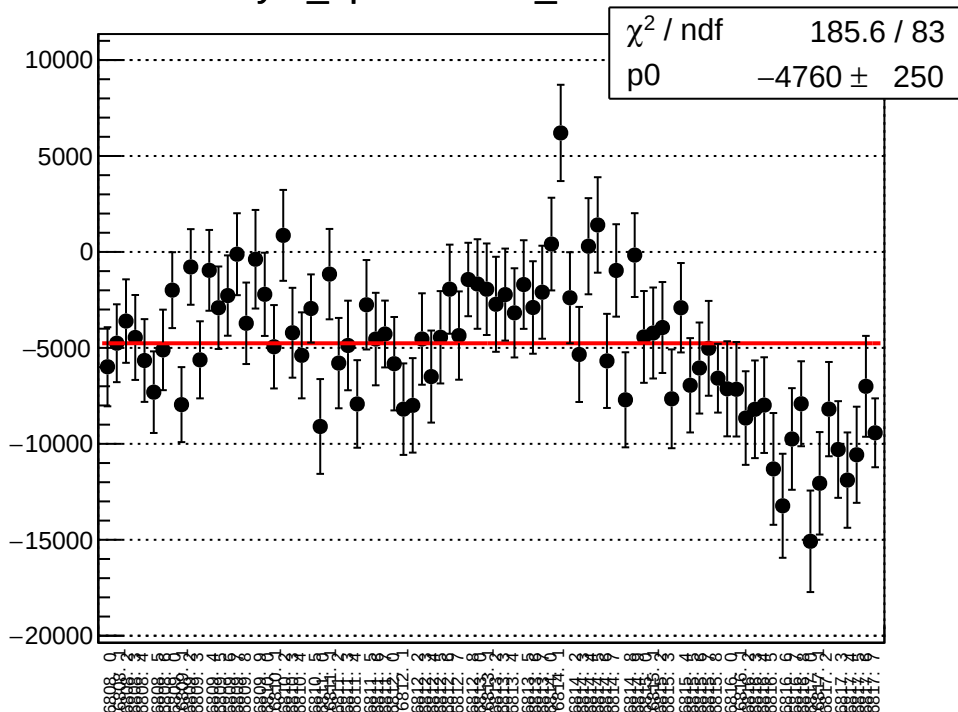
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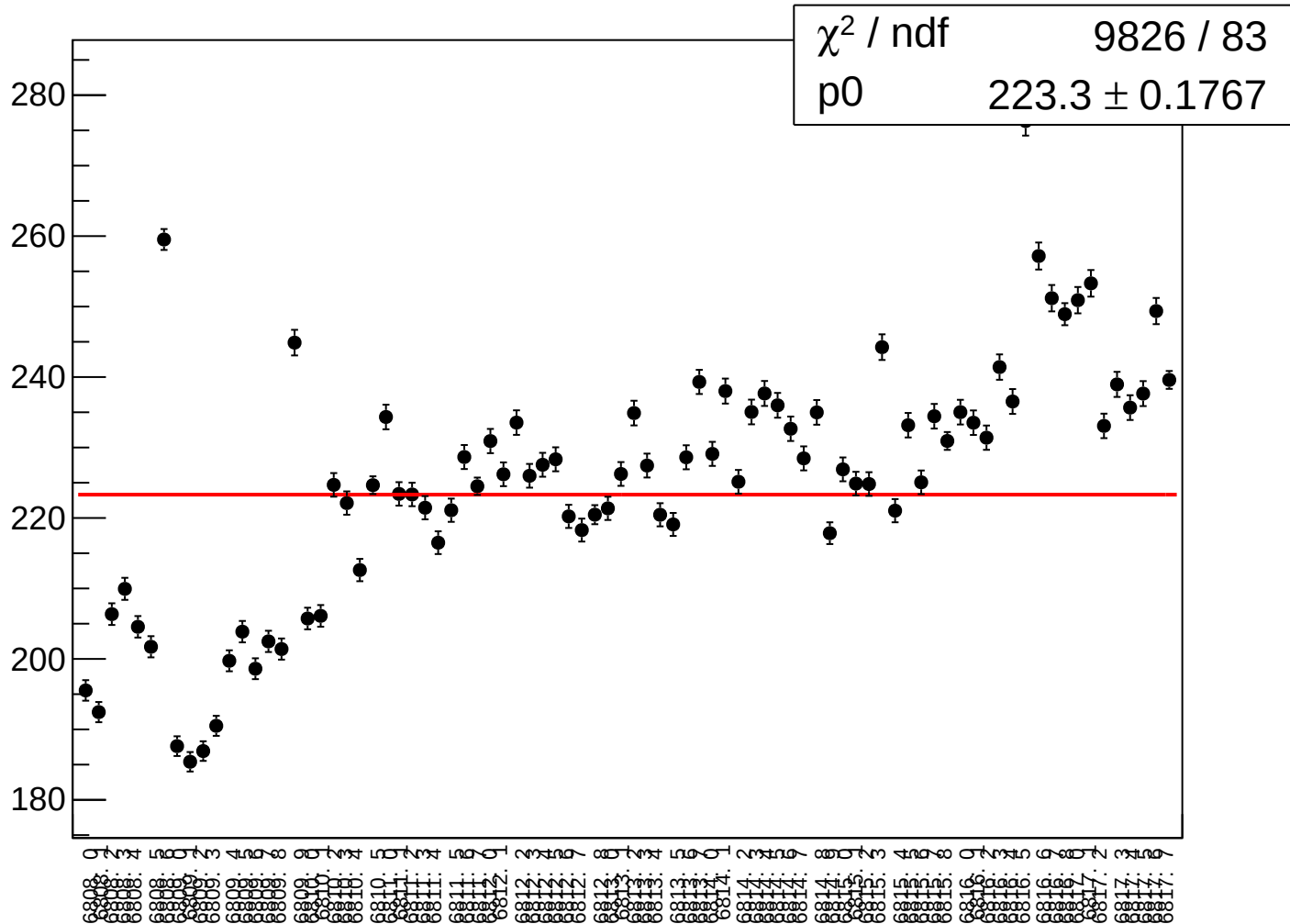
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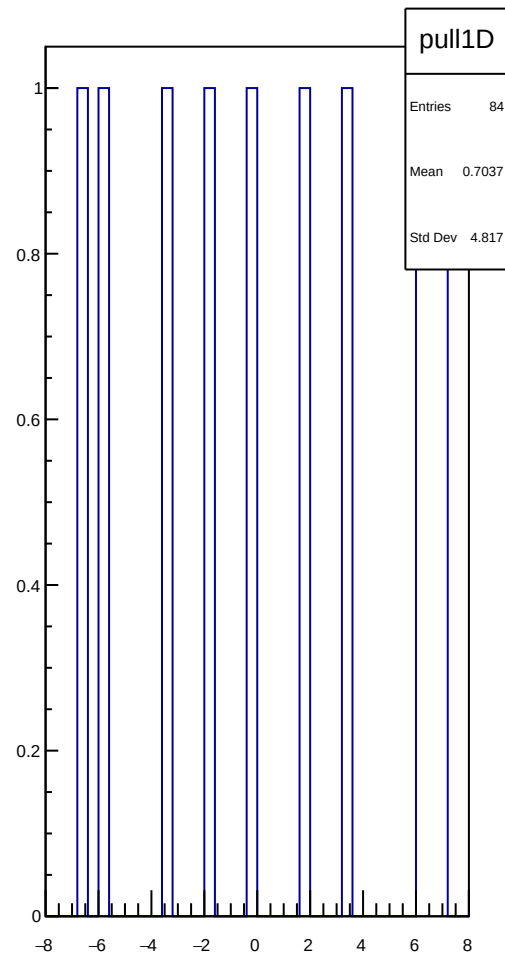
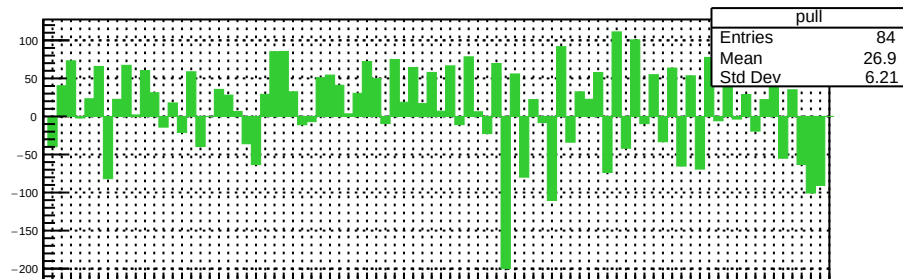
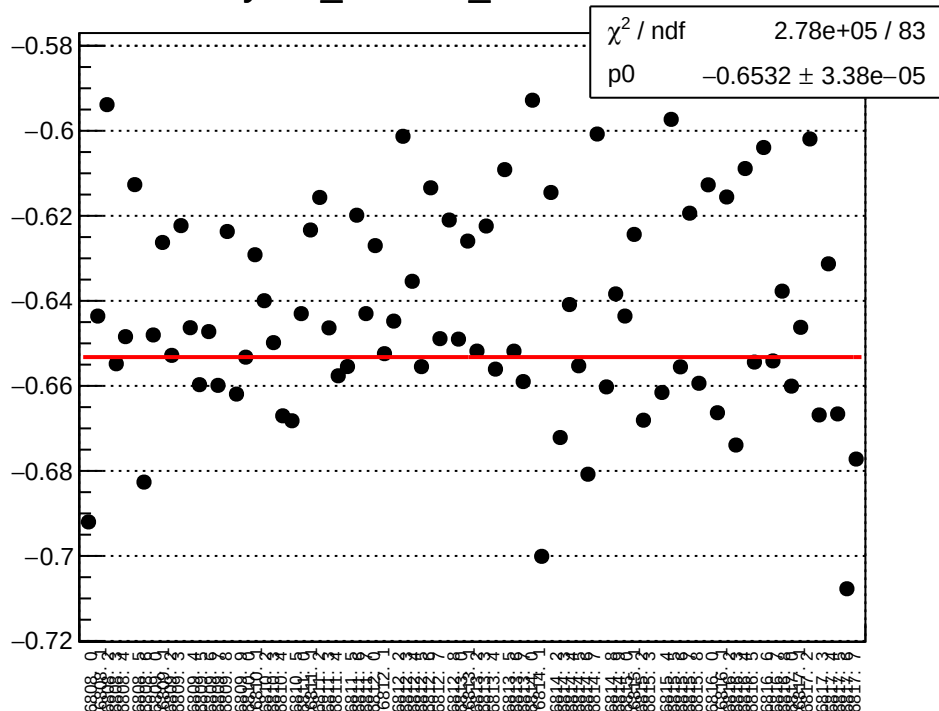
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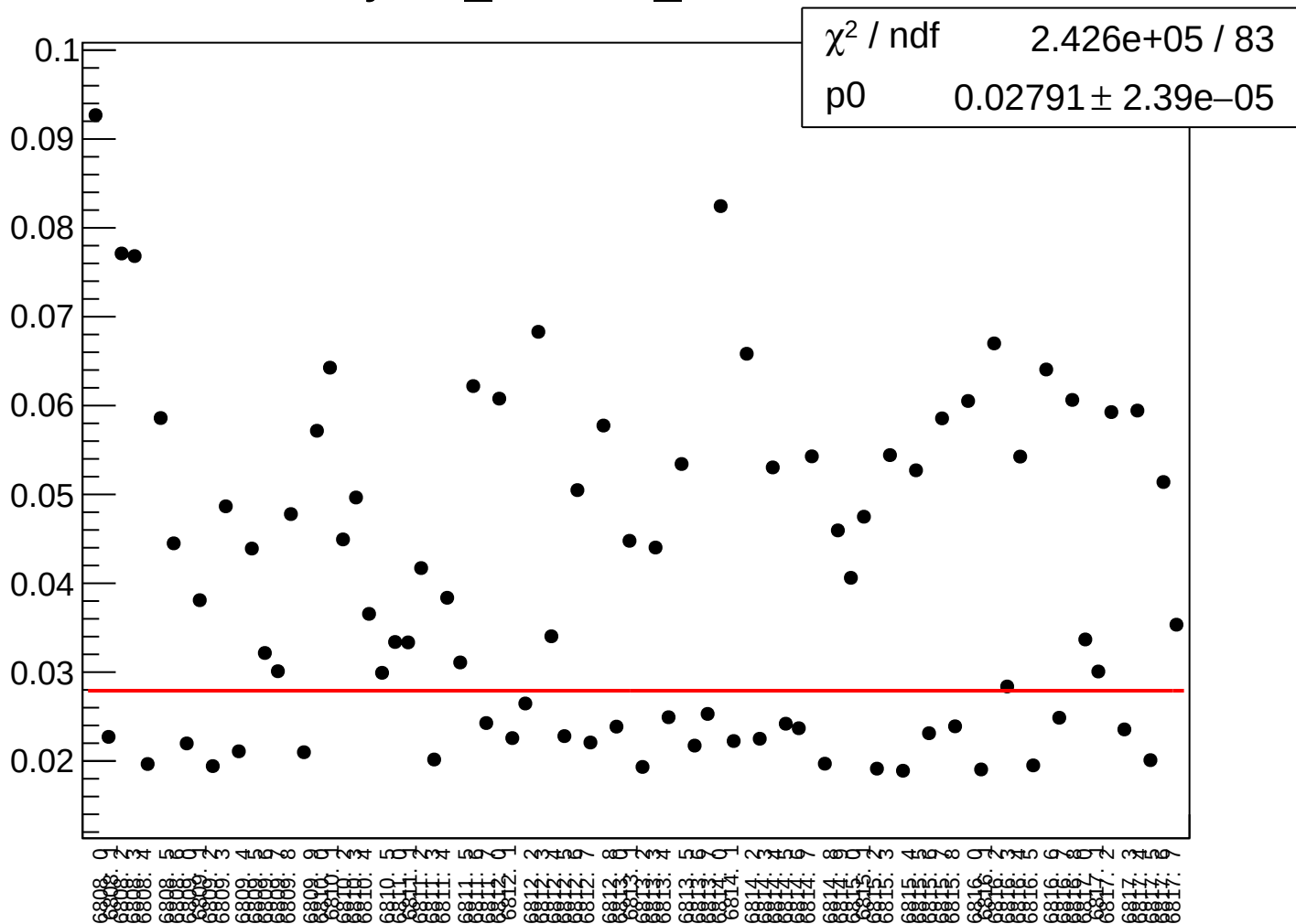
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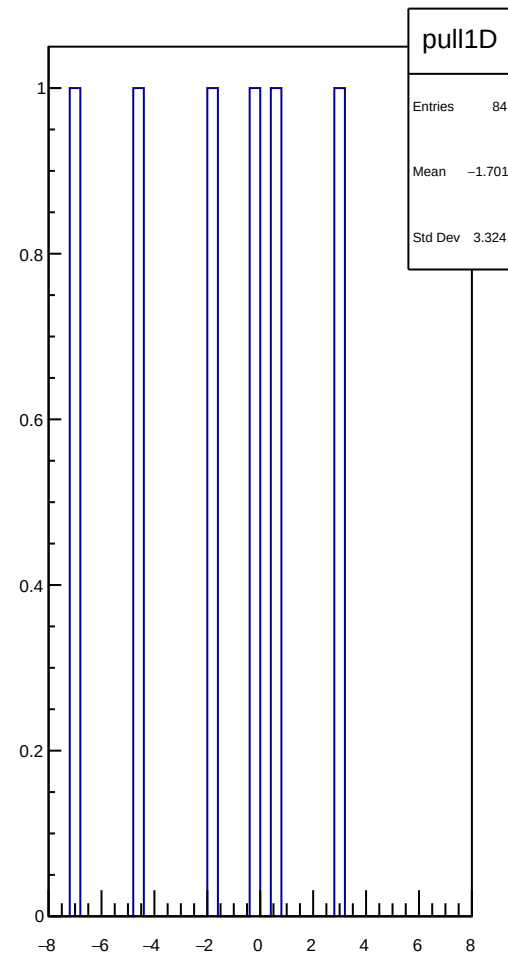
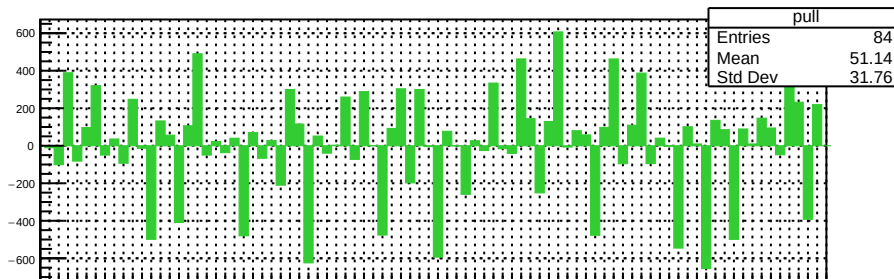
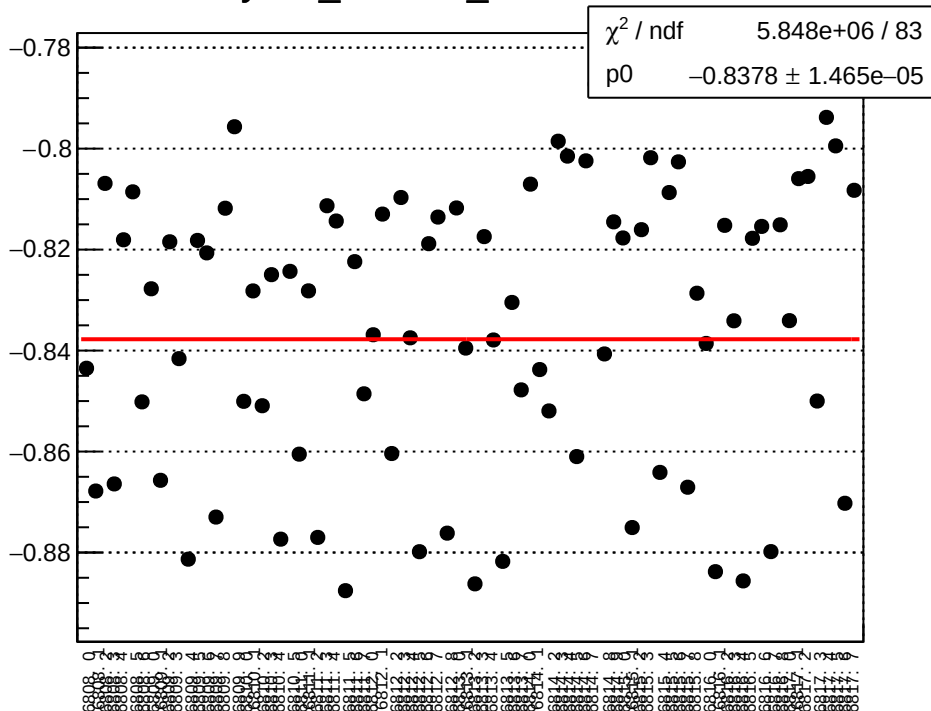
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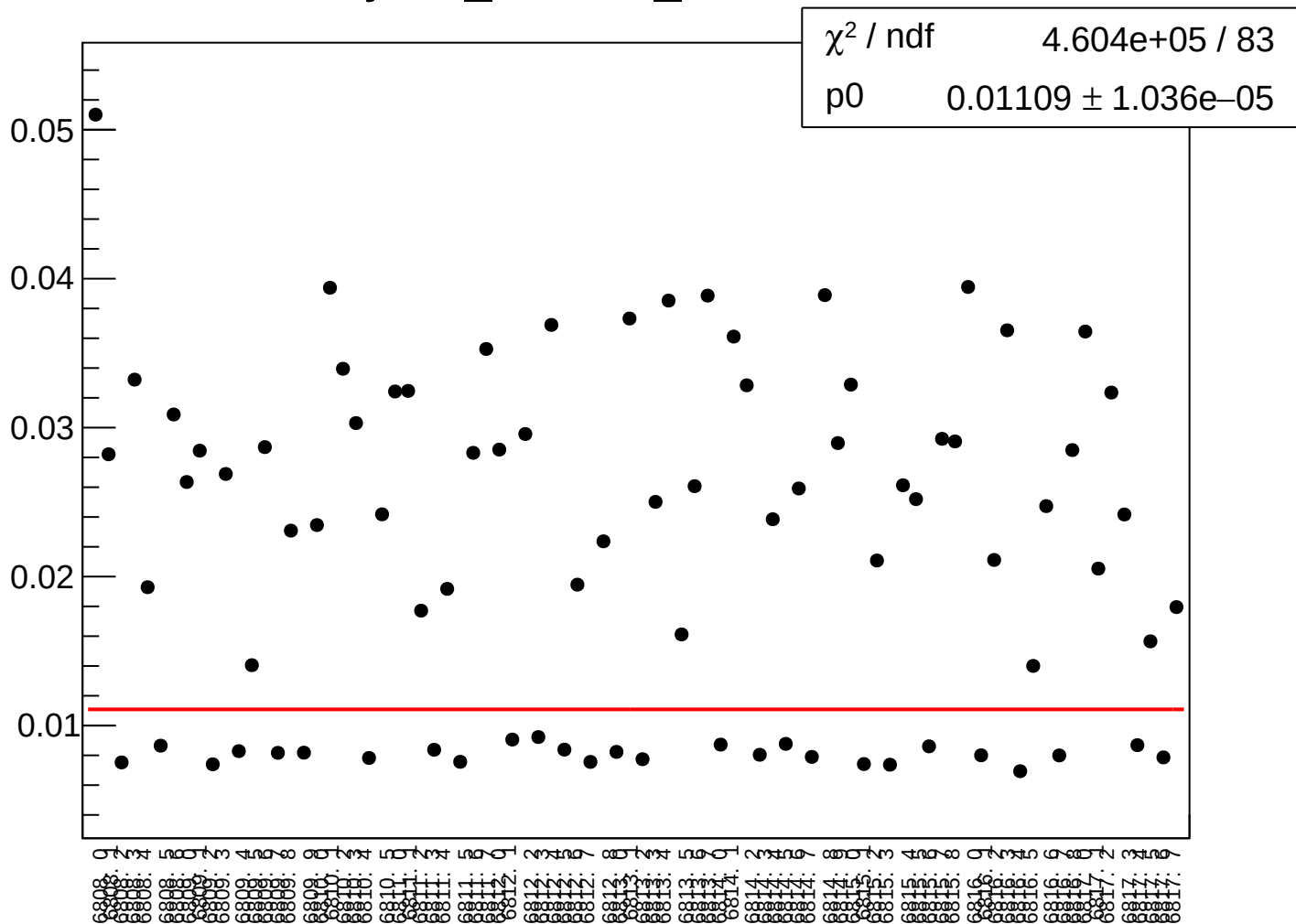
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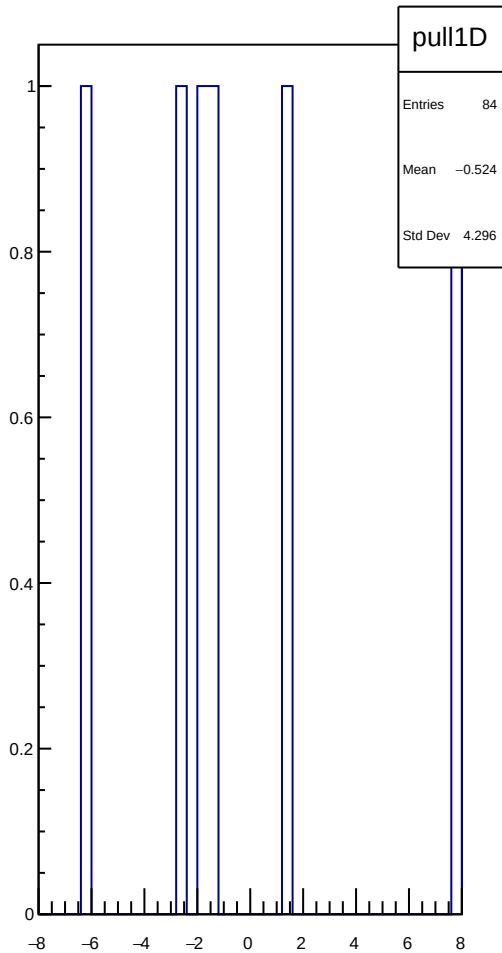
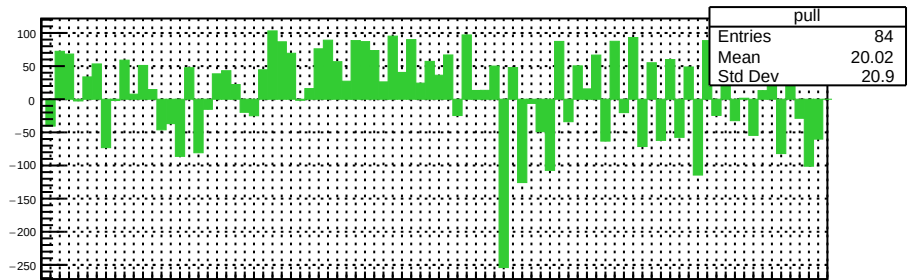
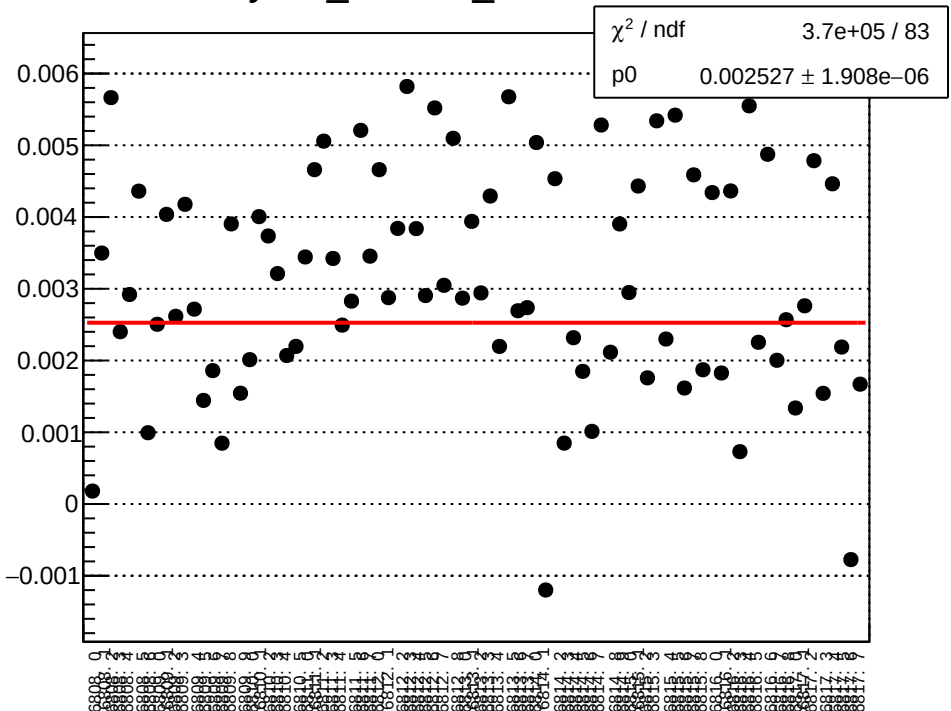
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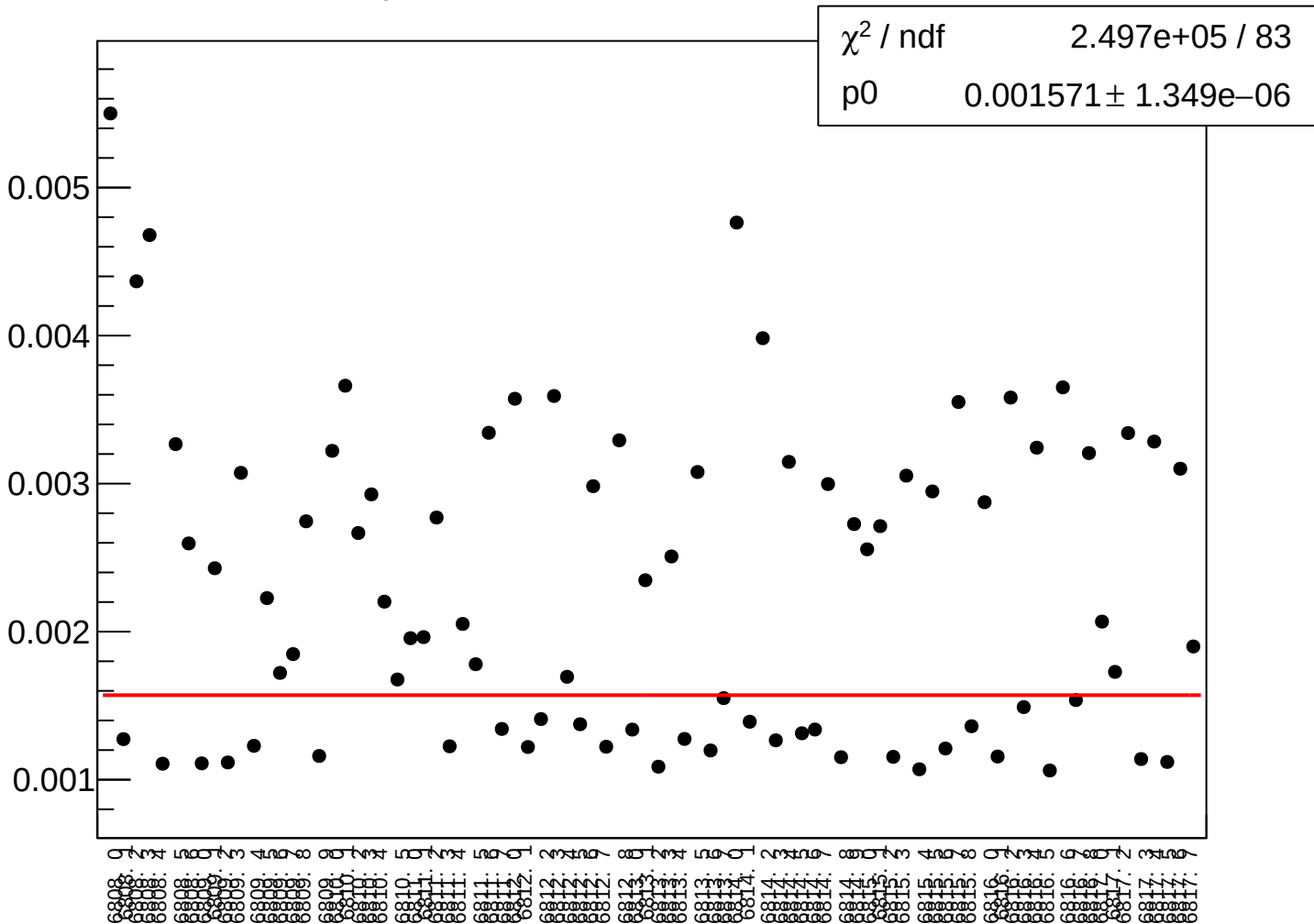
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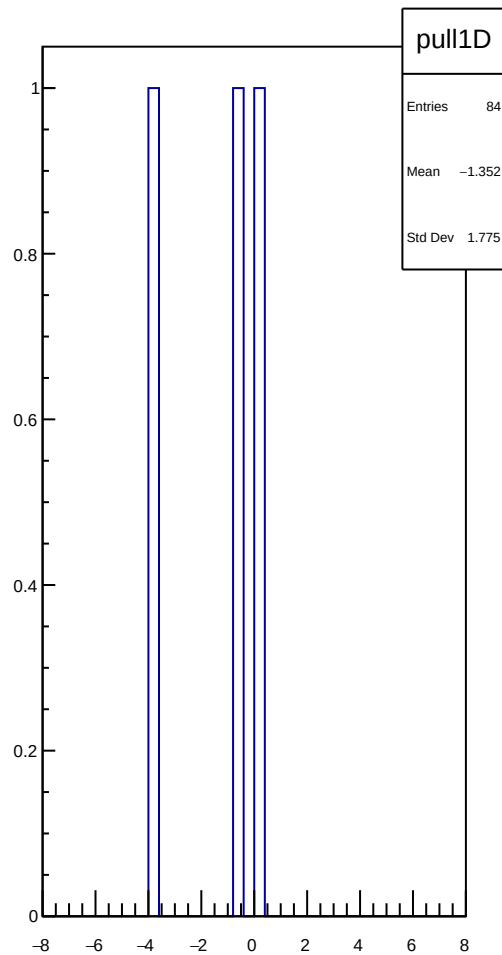
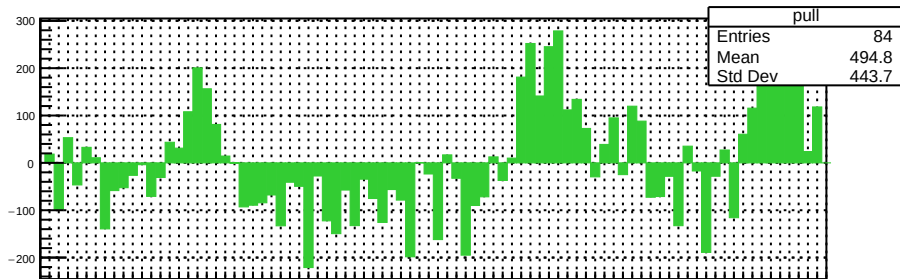
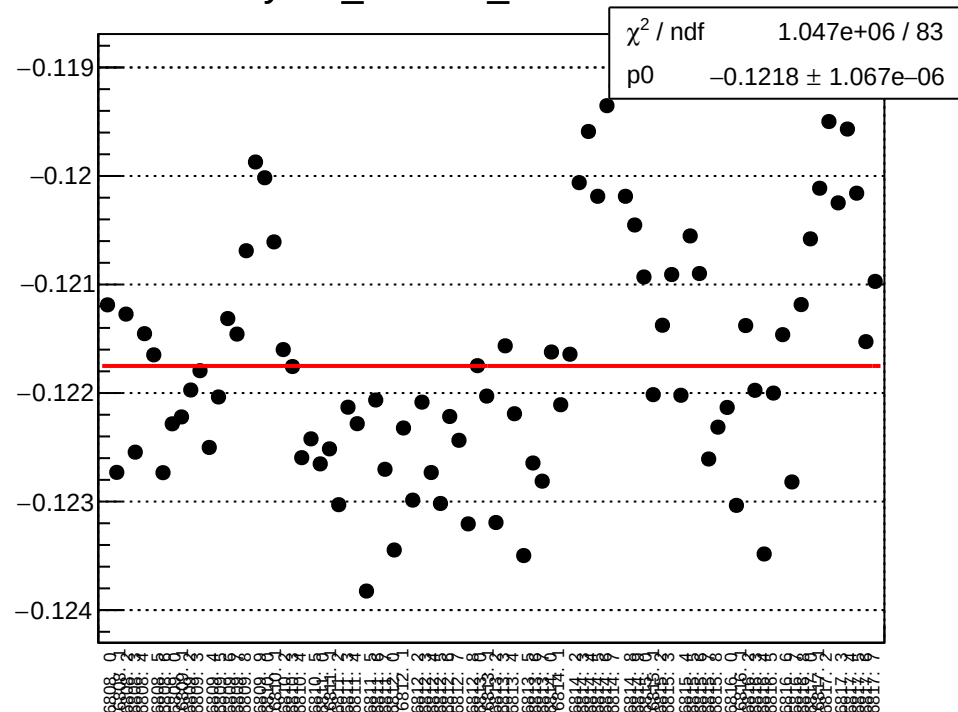
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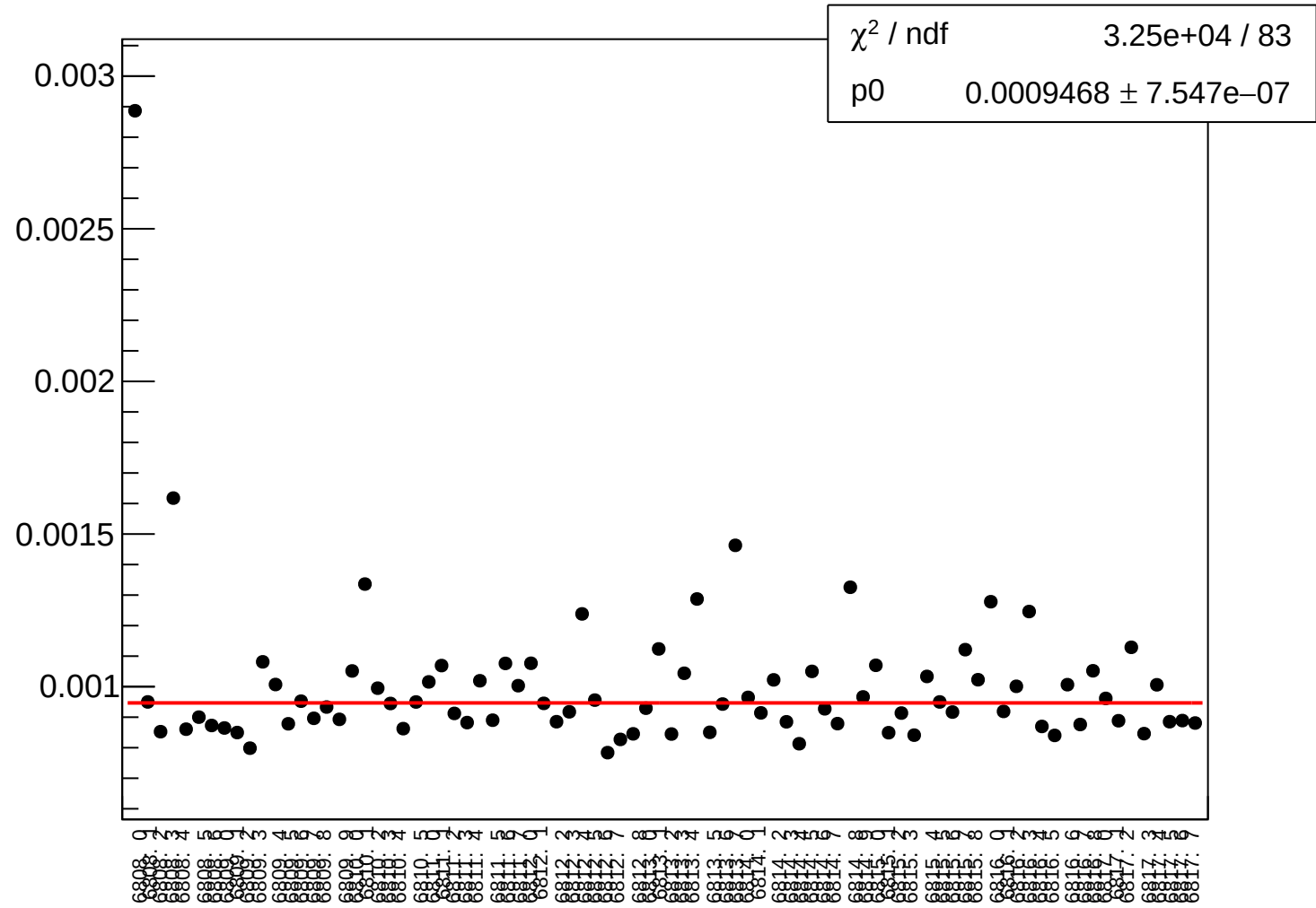
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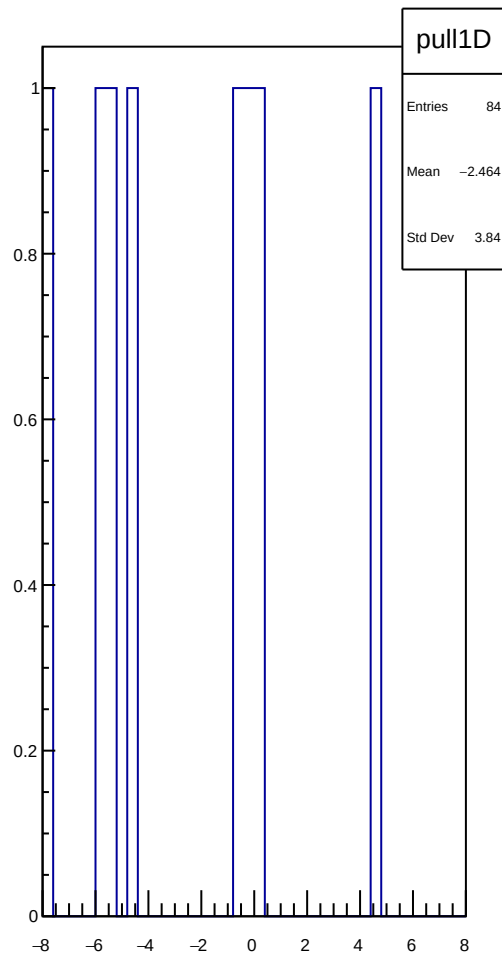
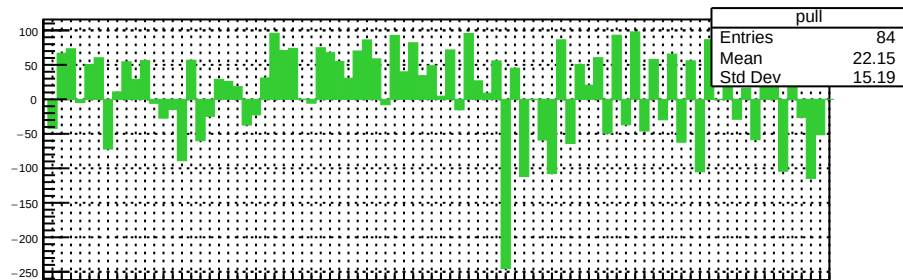
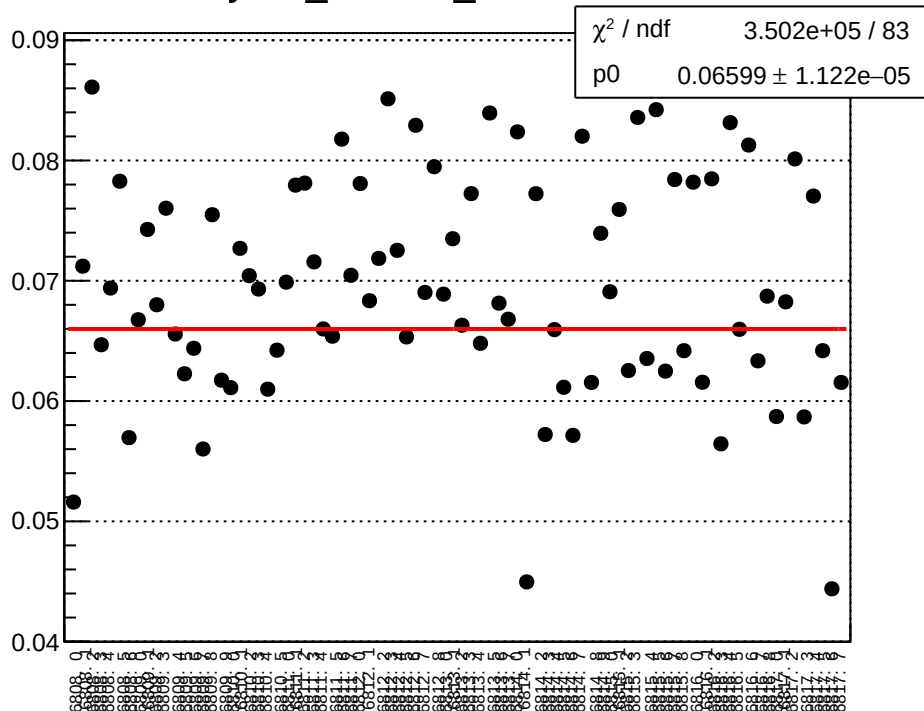
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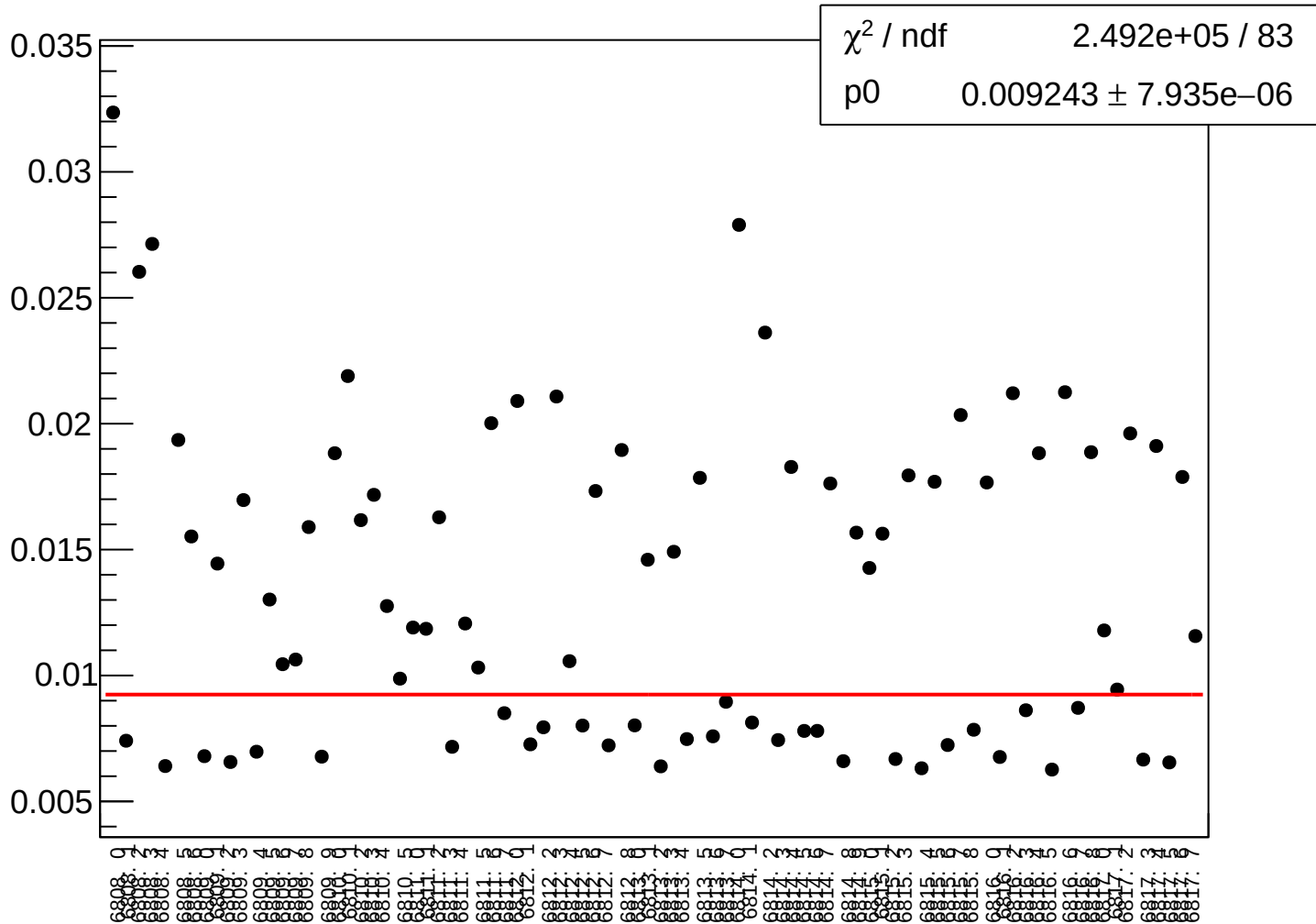
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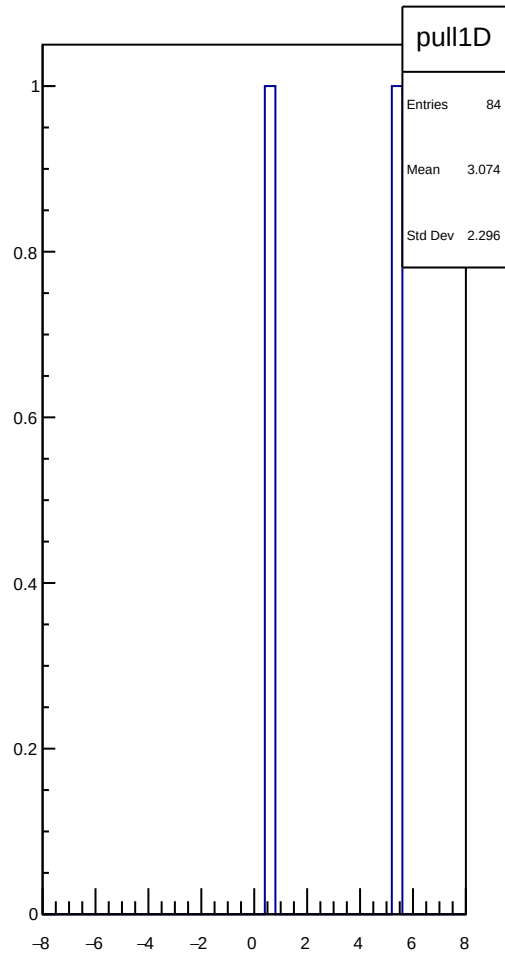
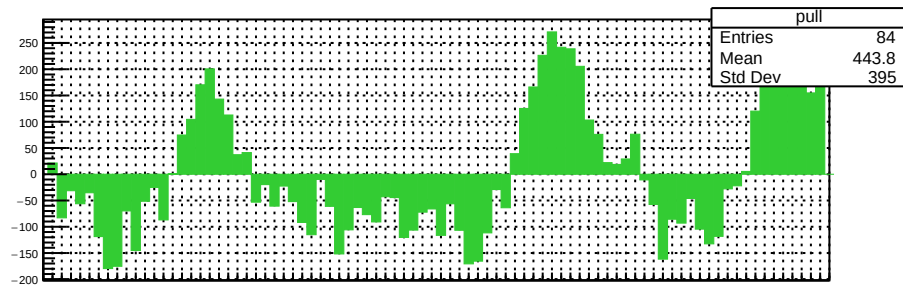
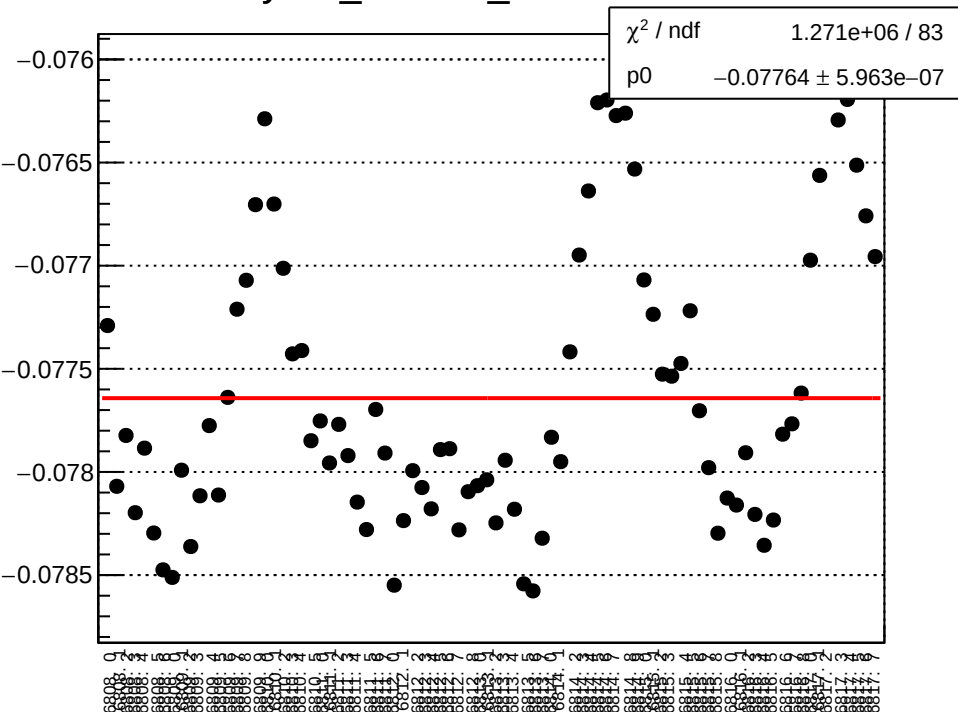
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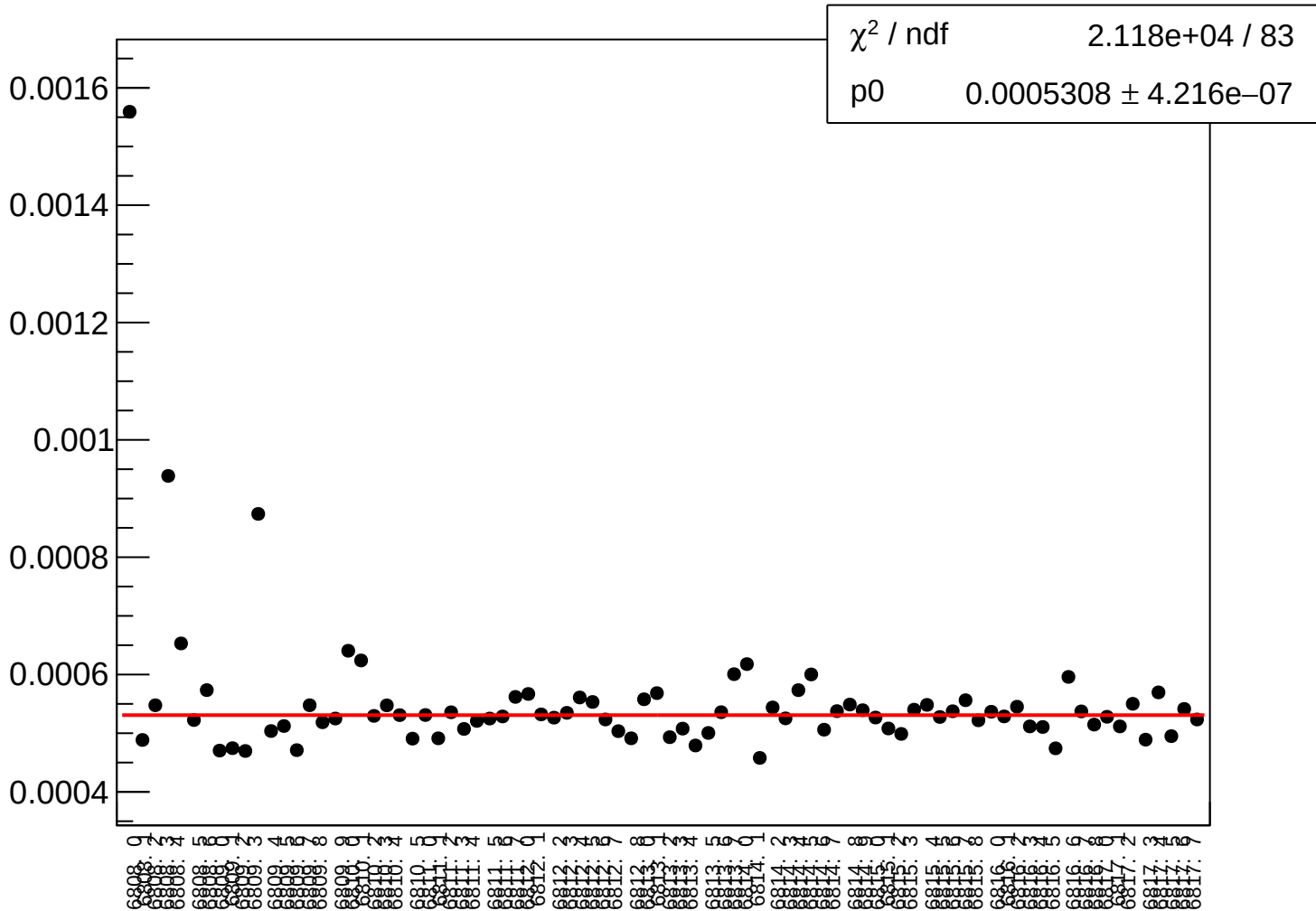
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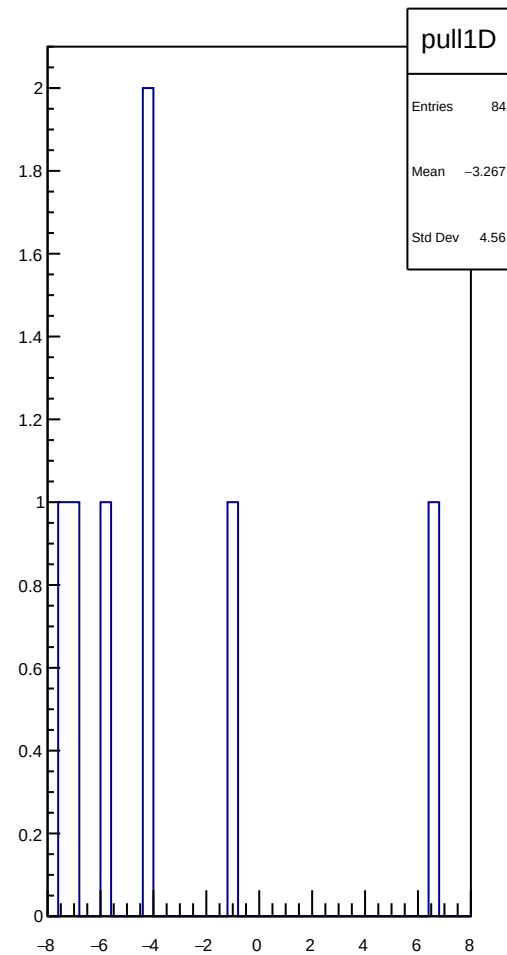
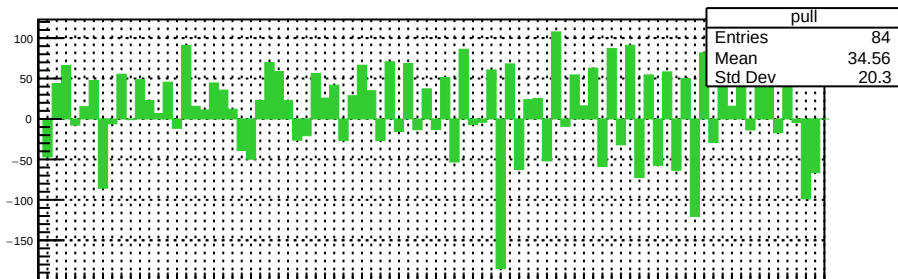
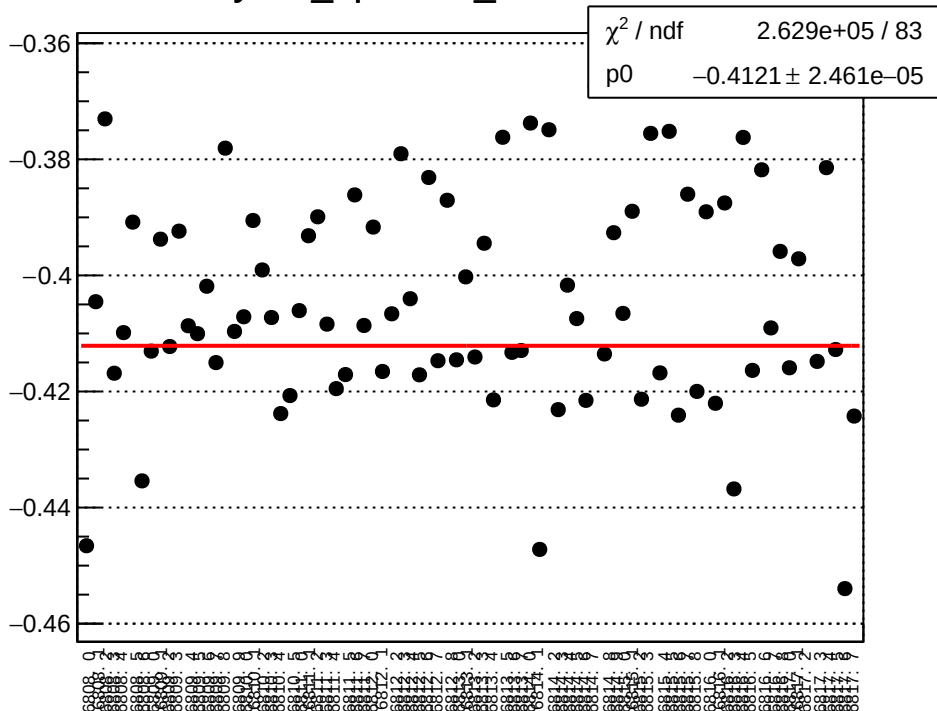
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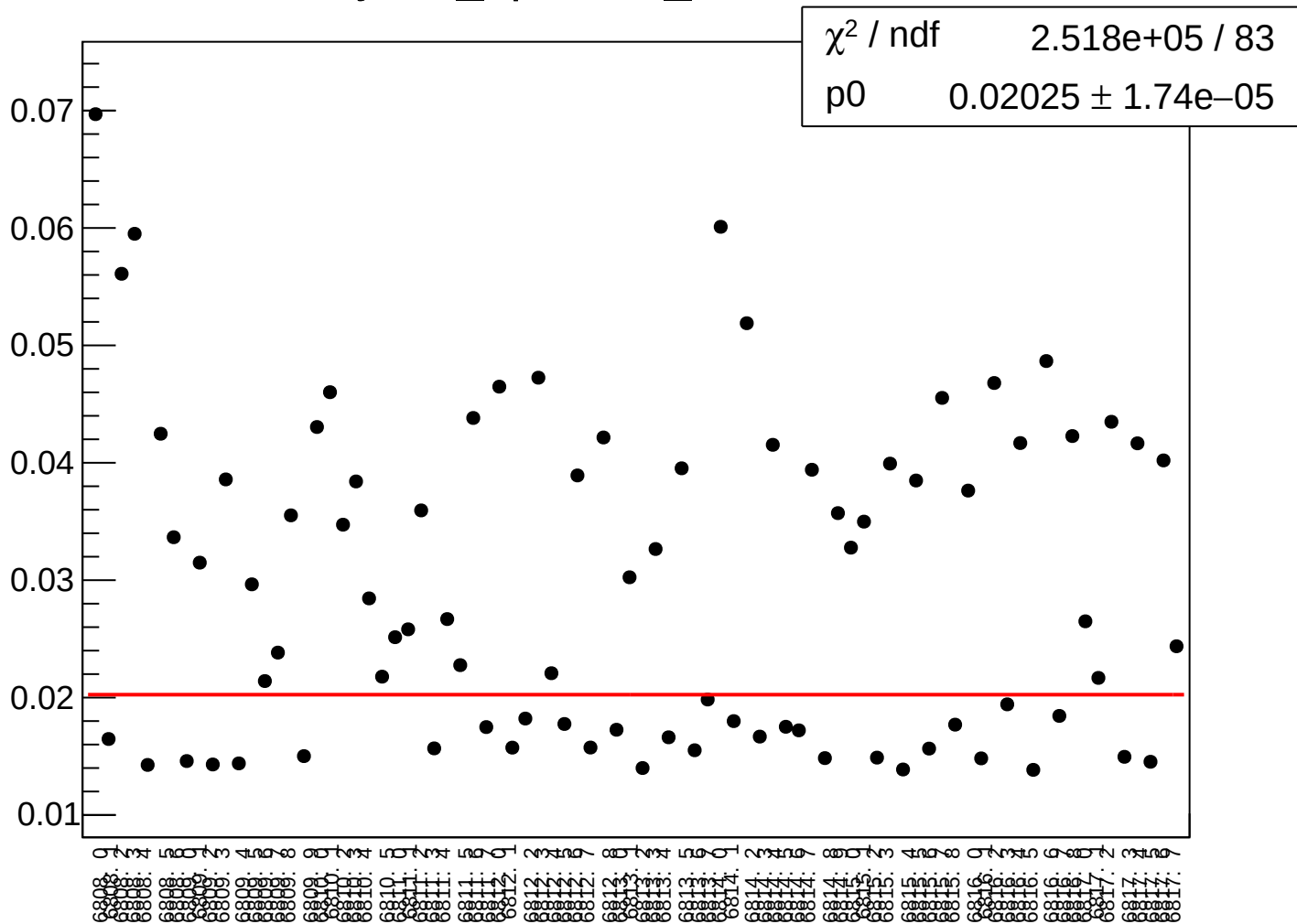
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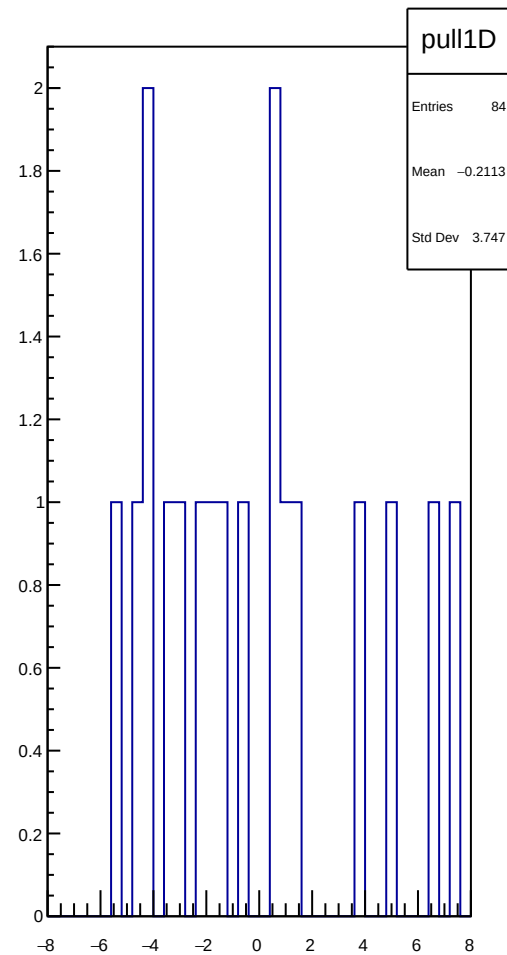
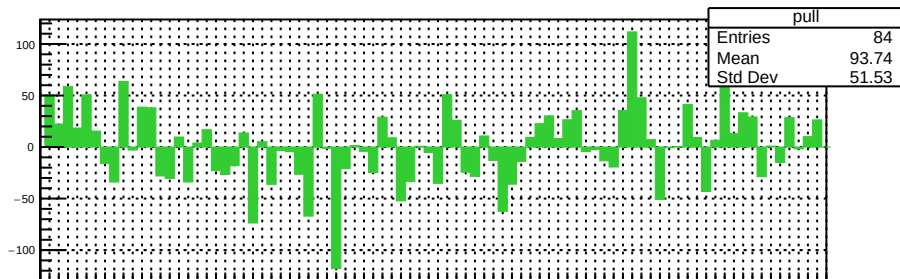
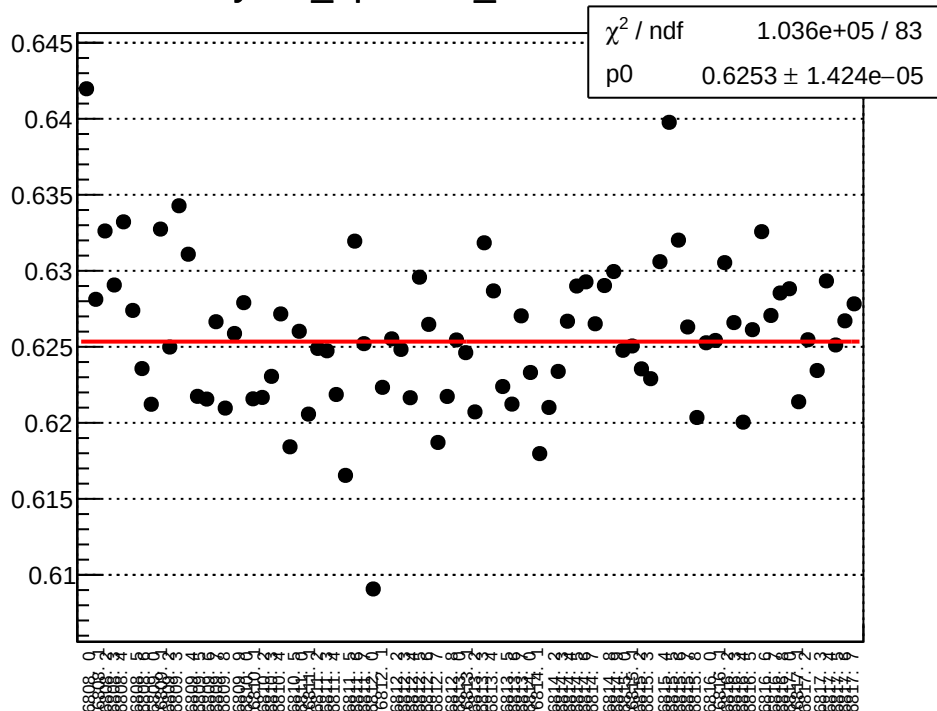
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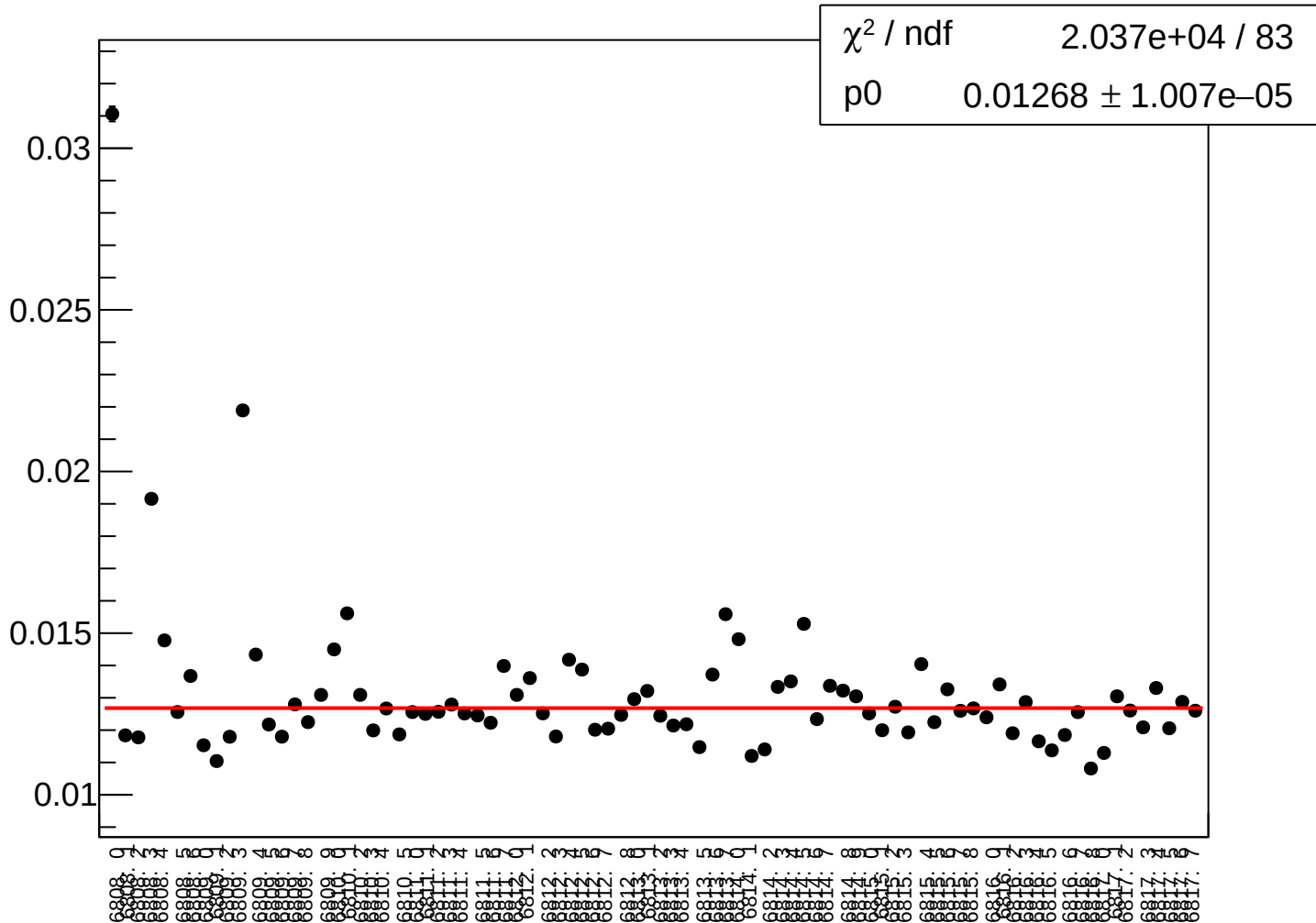
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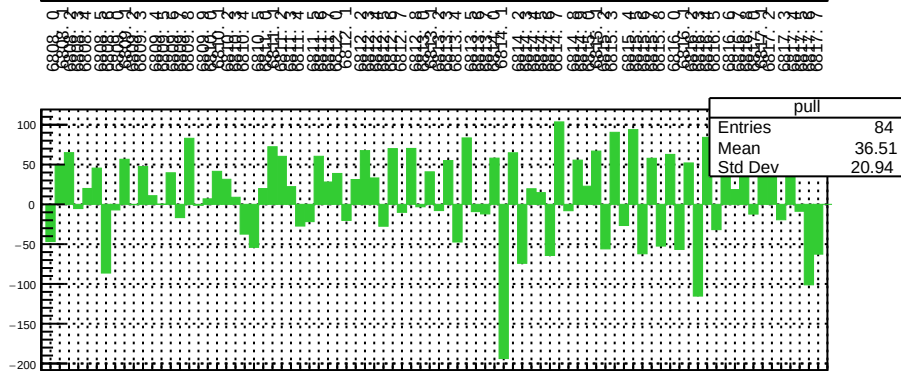
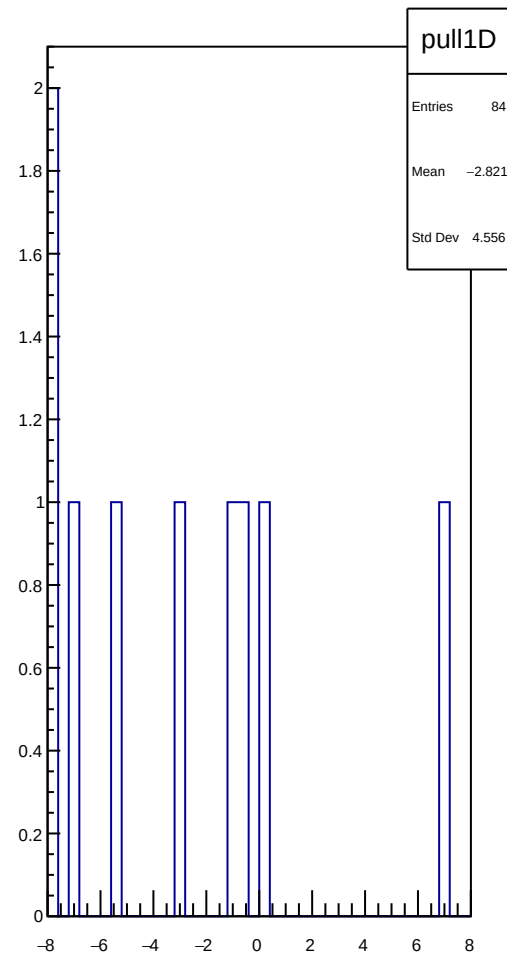
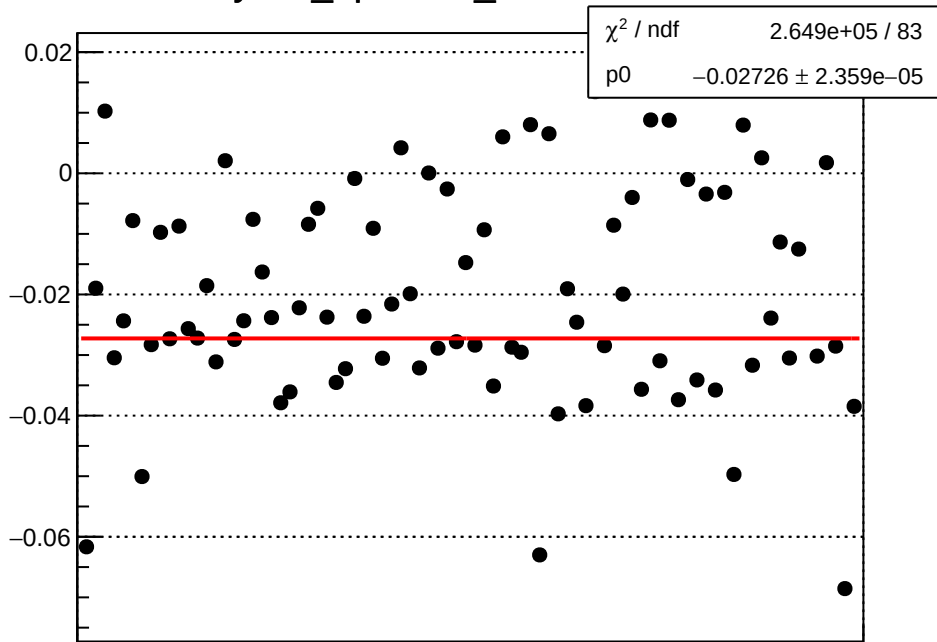
yield_bpm4aY_mean vs run



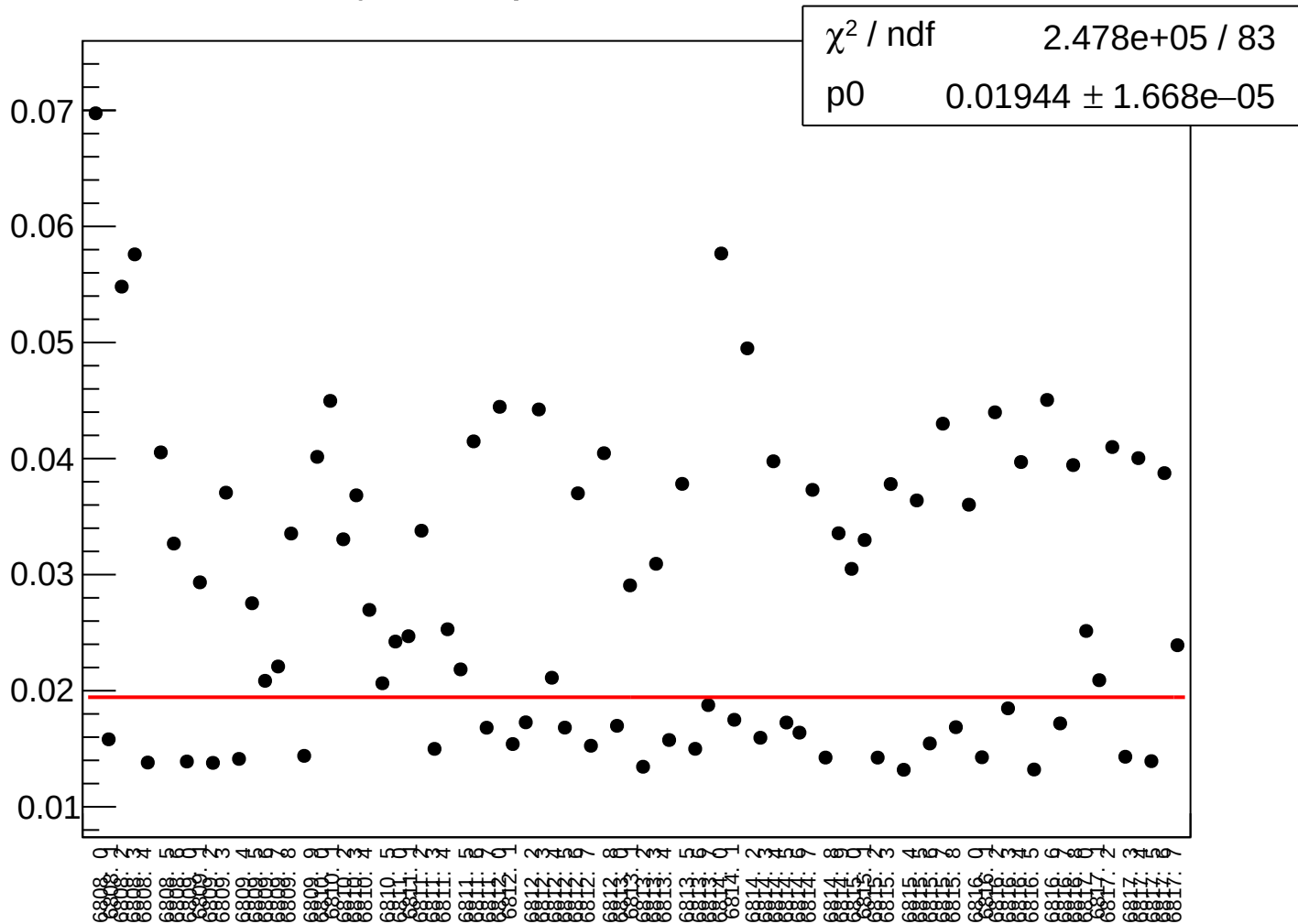
yield_bpm4aY_rms vs run



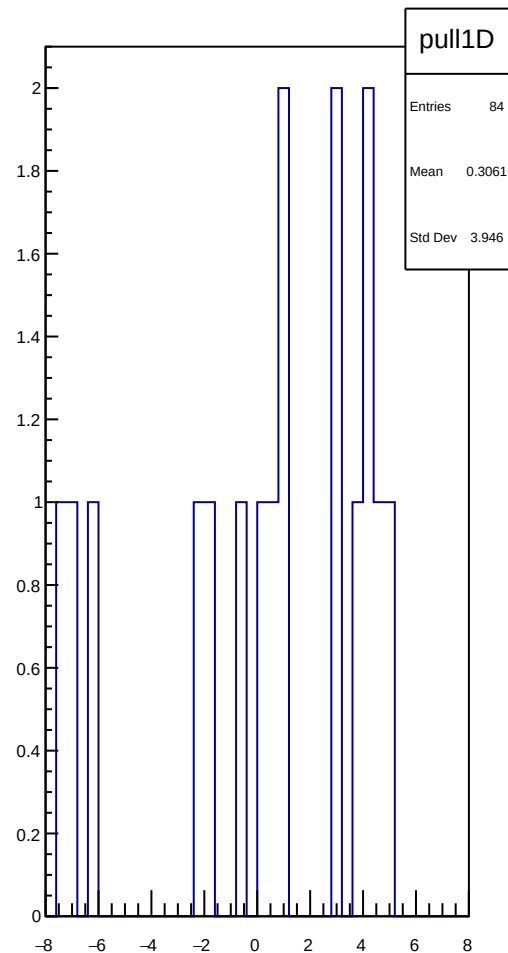
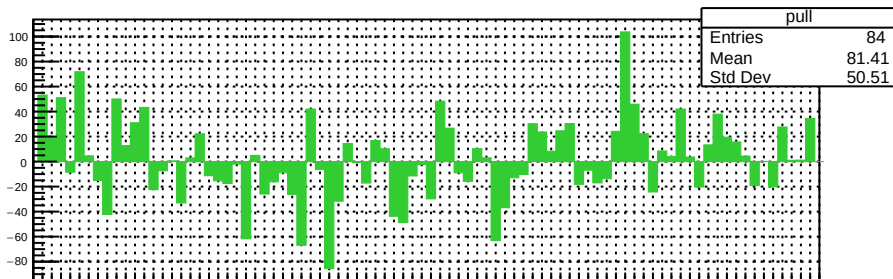
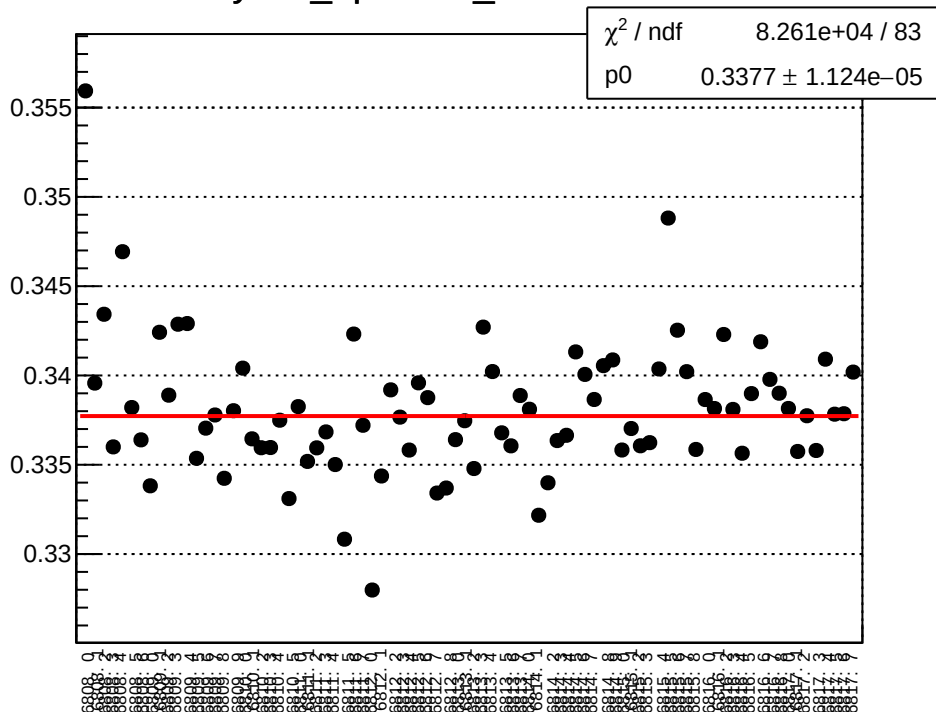
yield_bpm4eX_mean vs run



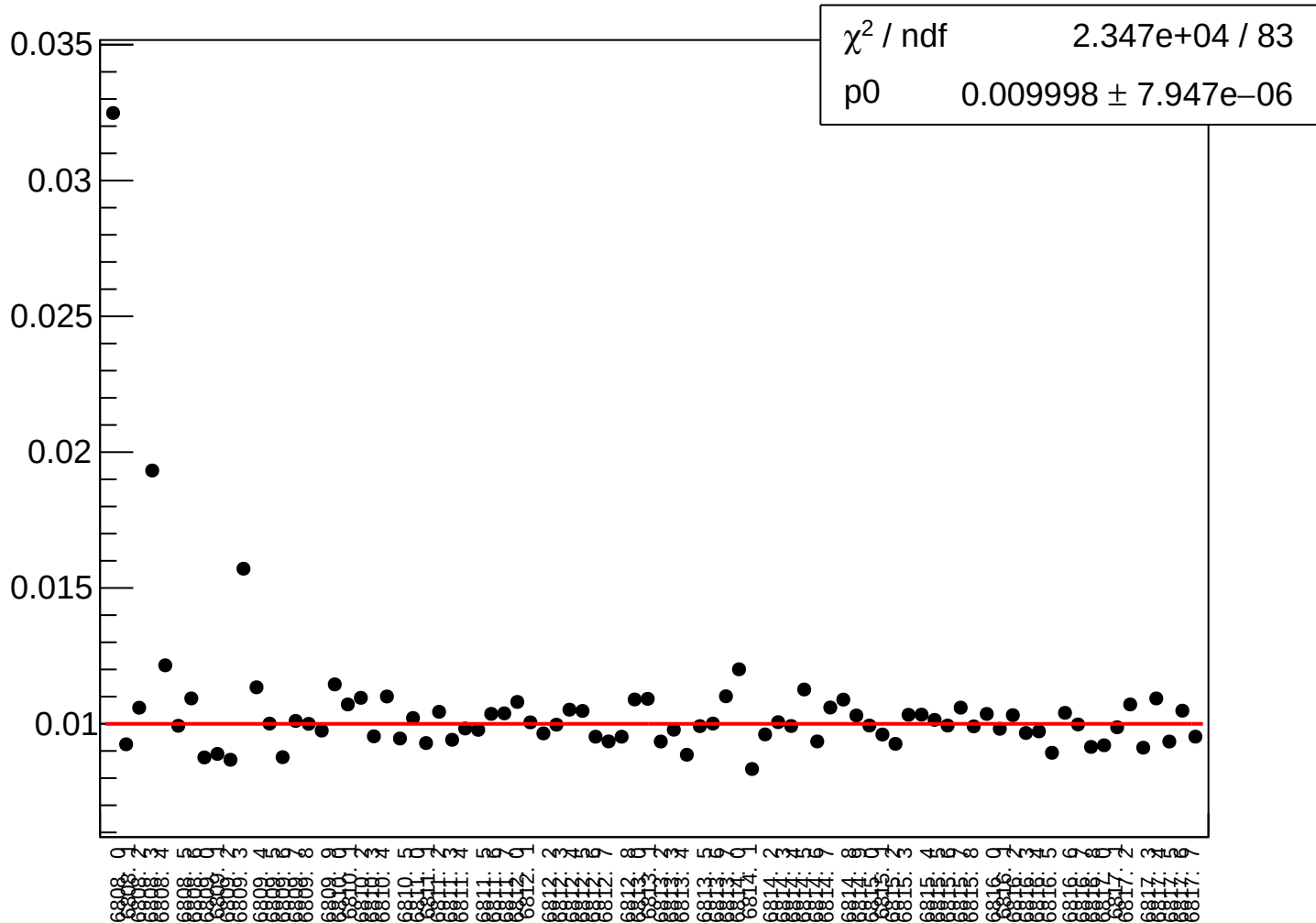
yield_bpm4eX_rms vs run



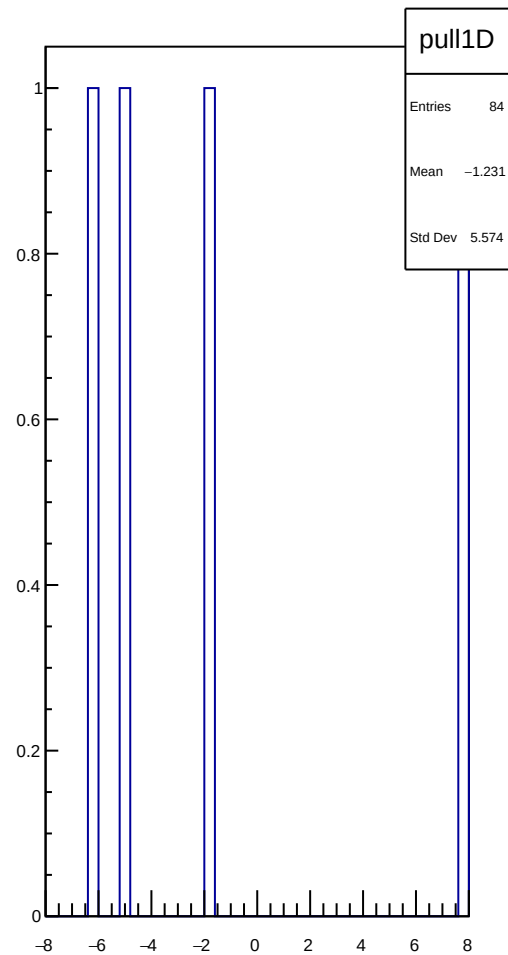
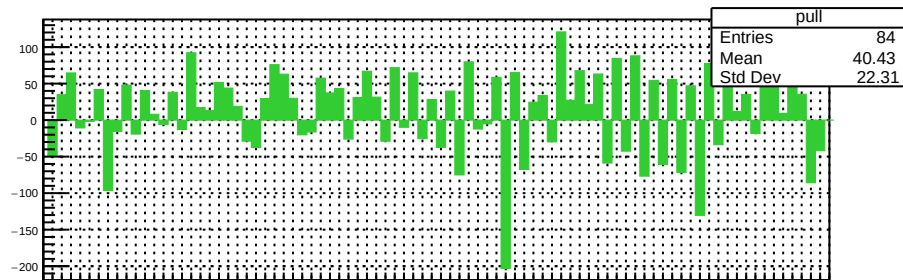
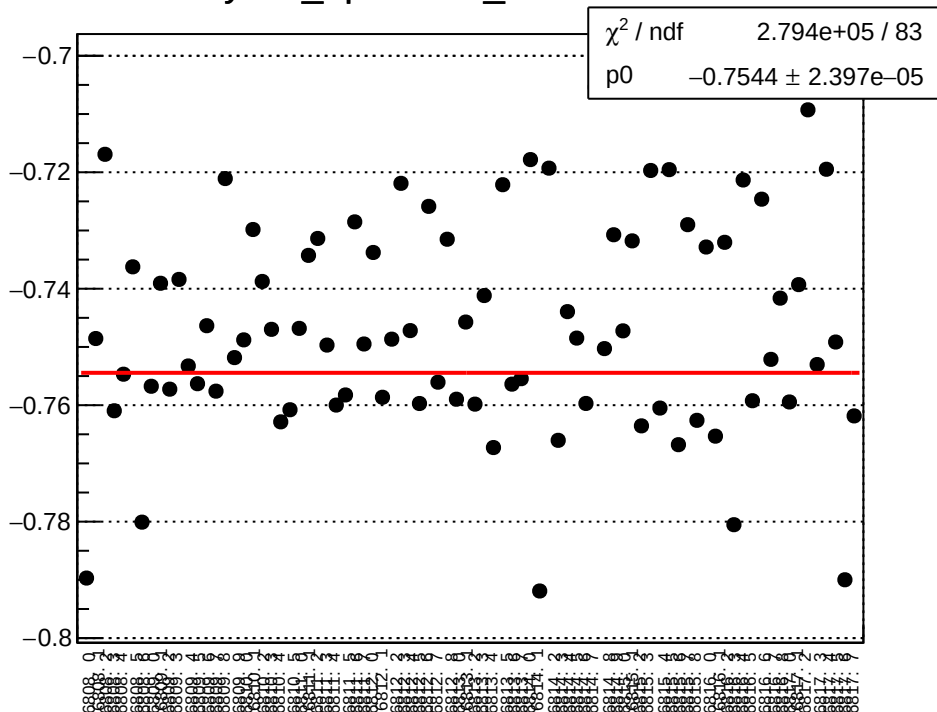
yield_bpm4eY_mean vs run



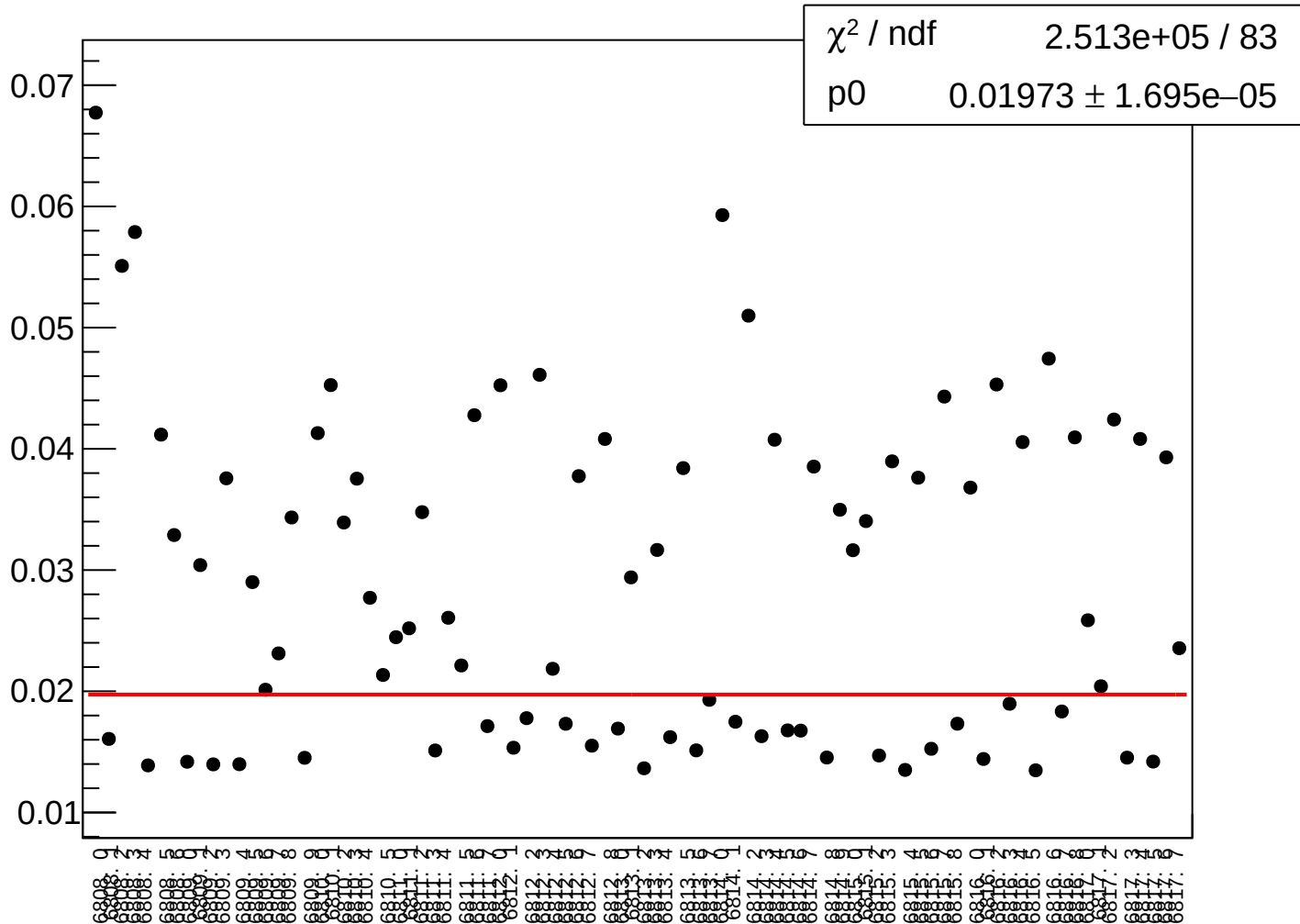
yield_bpm4eY_rms vs run



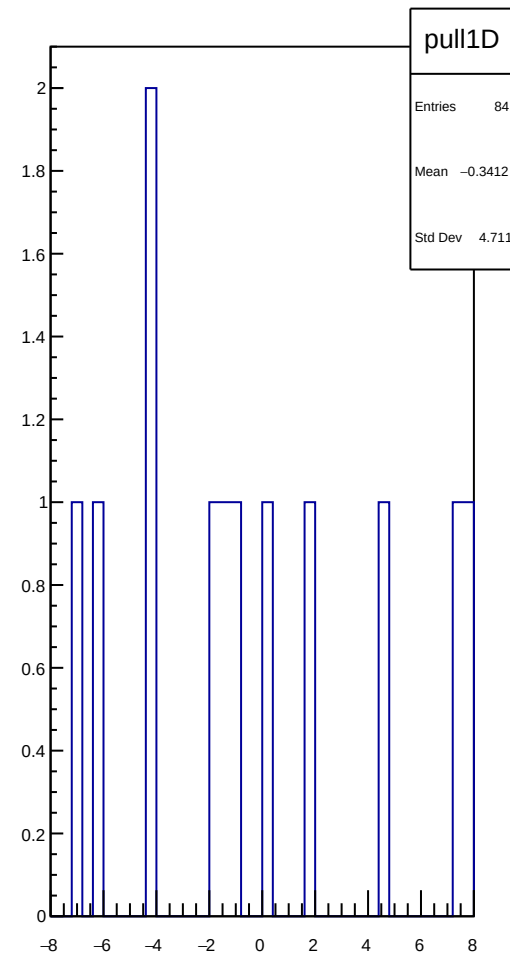
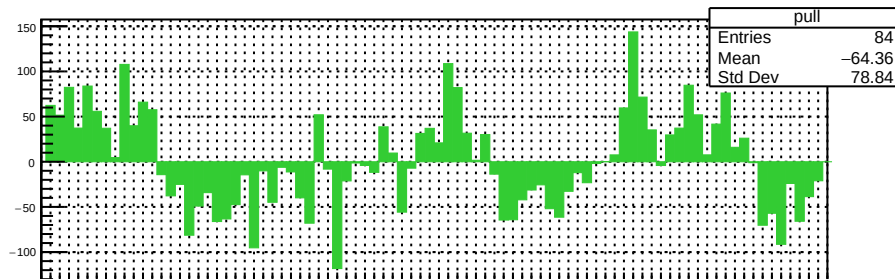
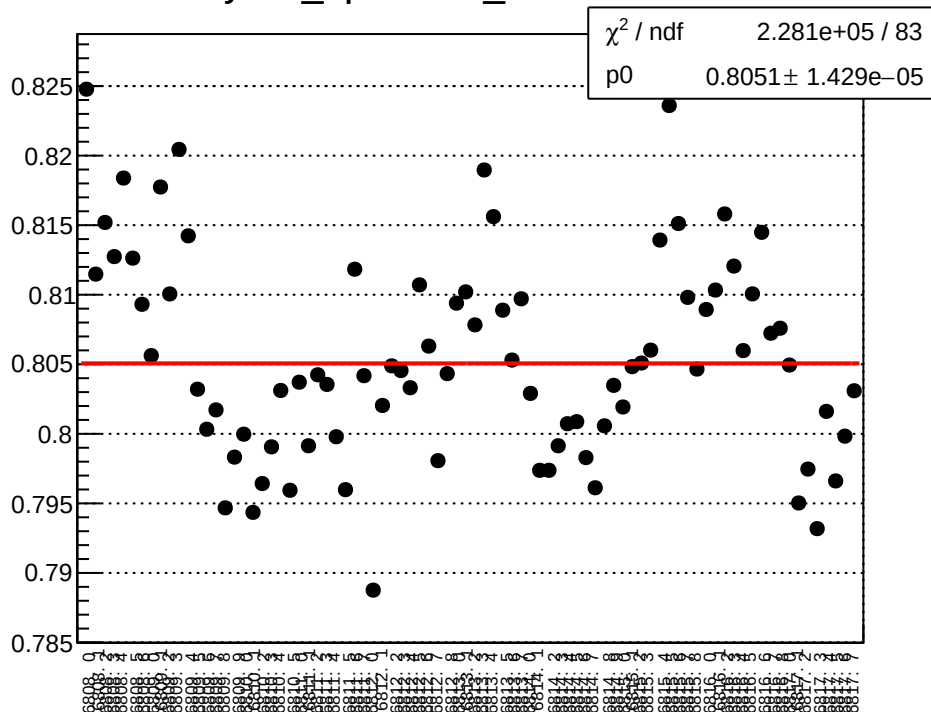
yield_bpm4acX_mean vs run



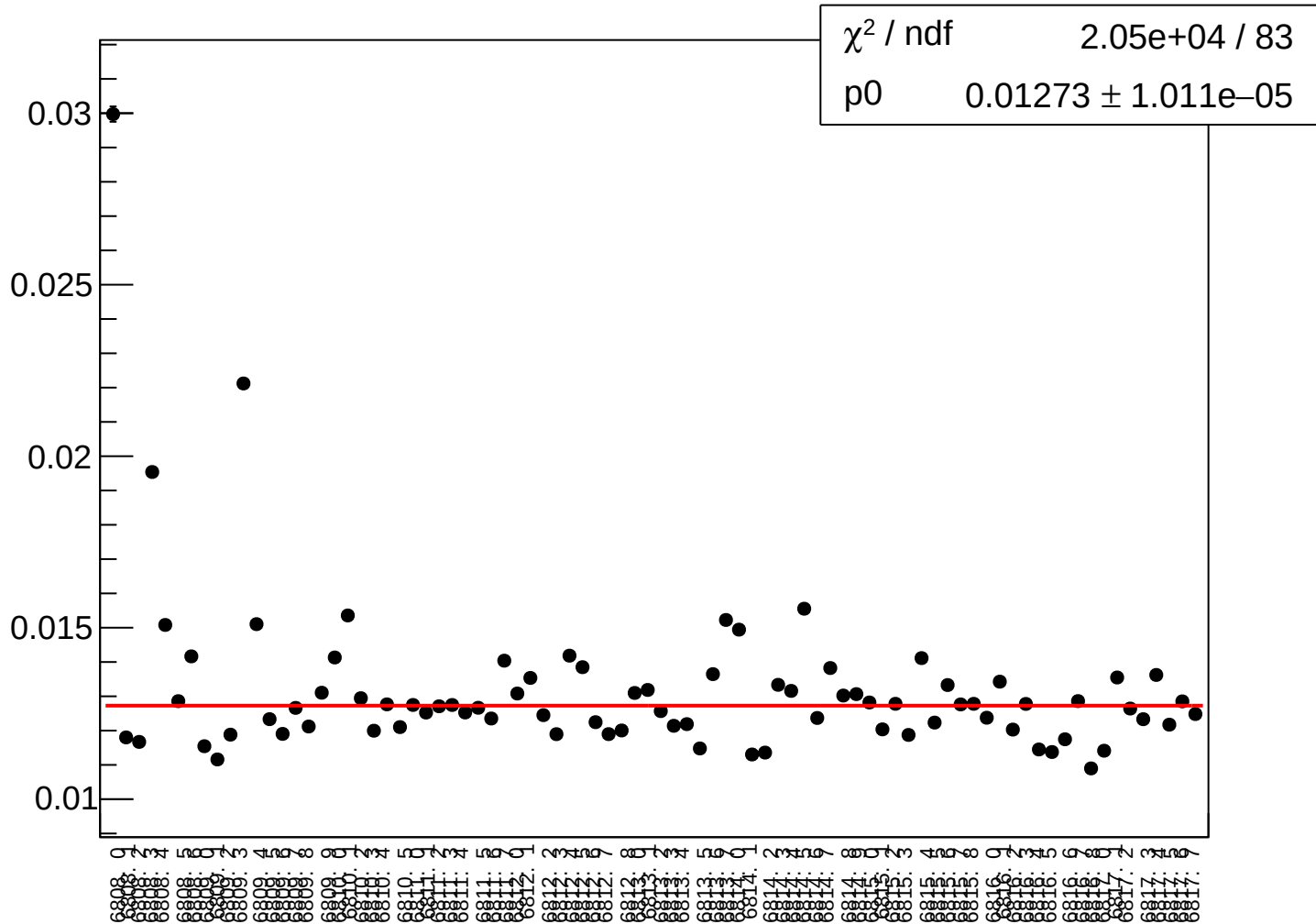
yield_bpm4acX_rms vs run



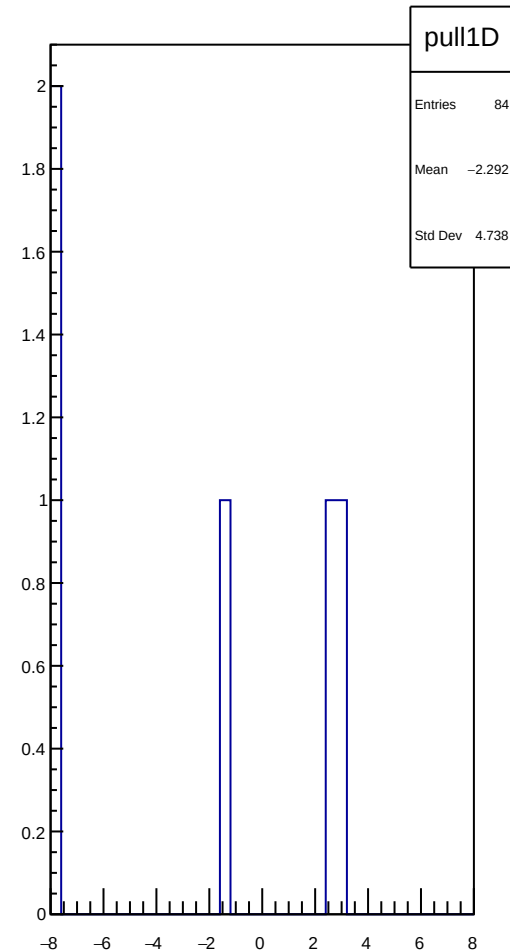
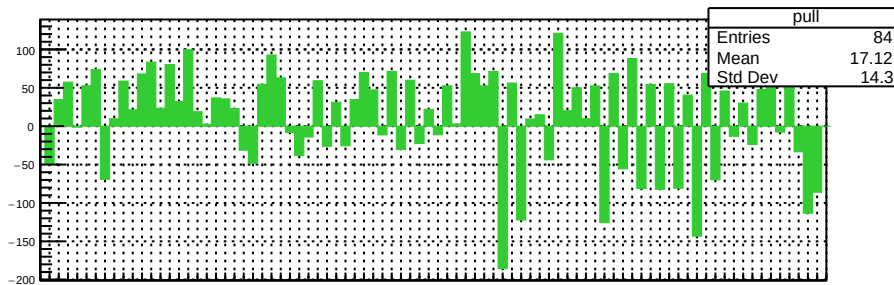
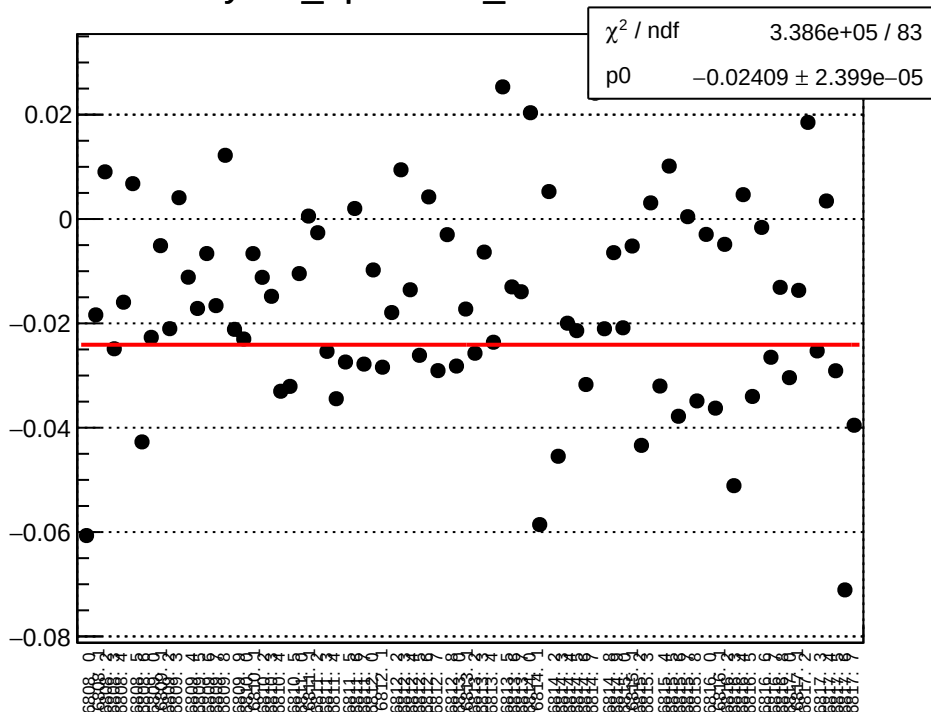
yield_bpm4acY_mean vs run



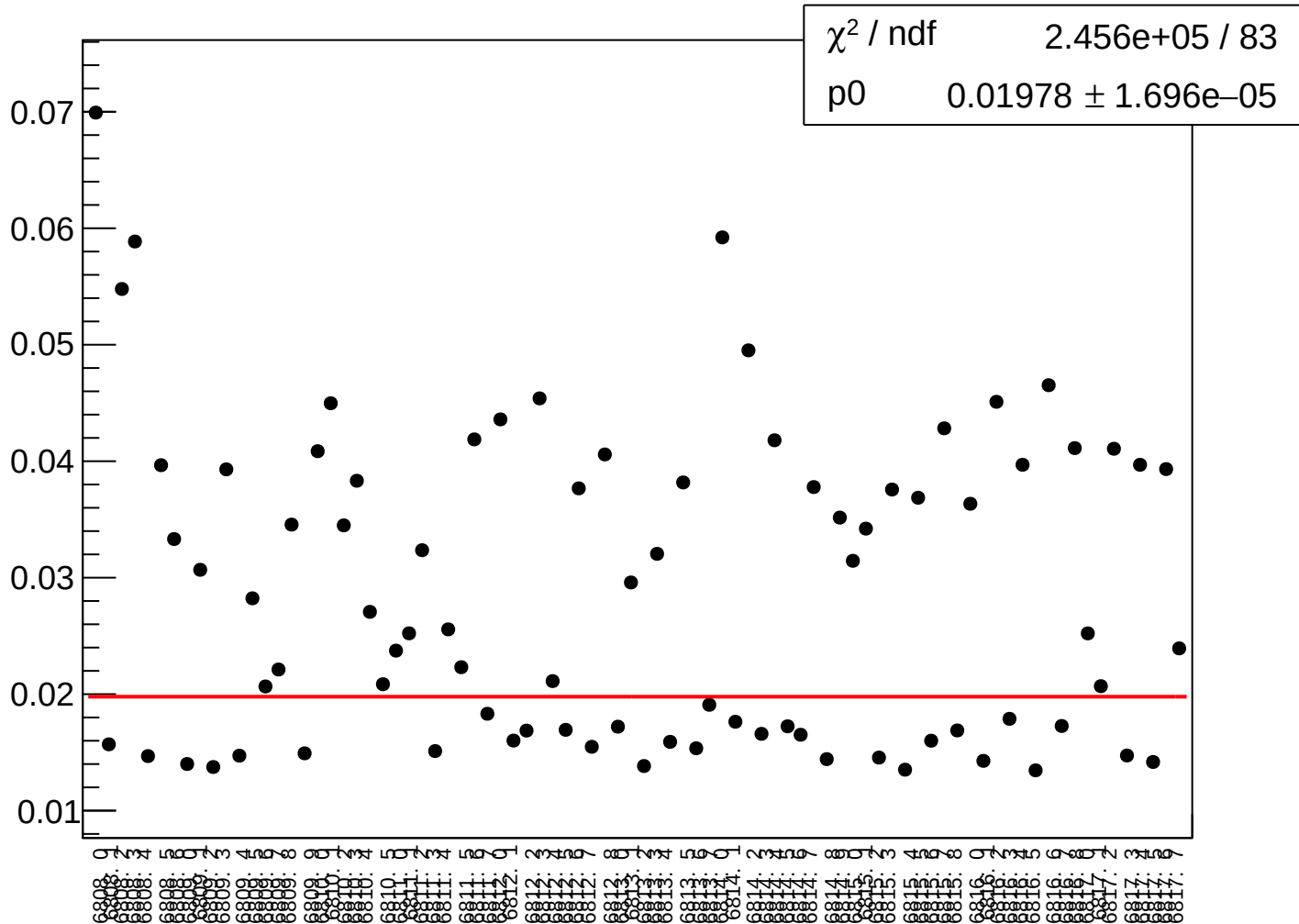
yield_bpm4acY_rms vs run



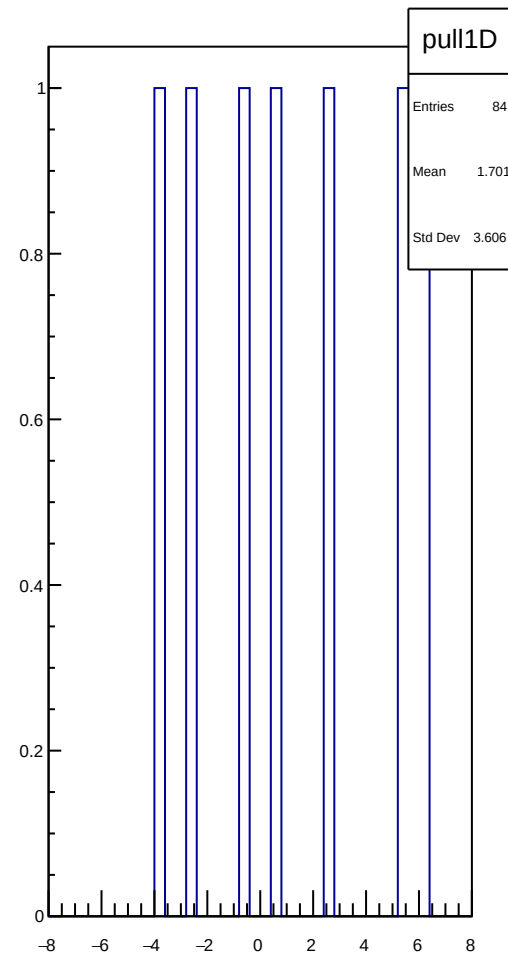
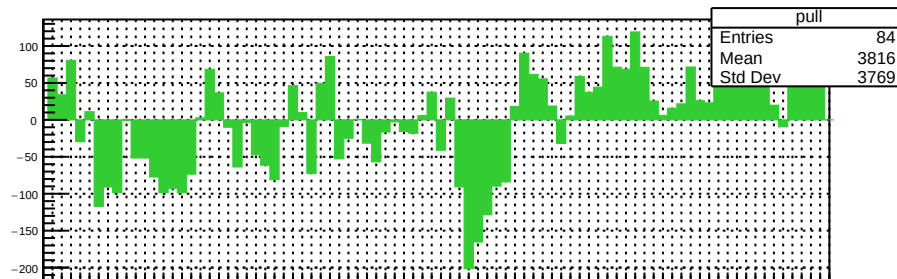
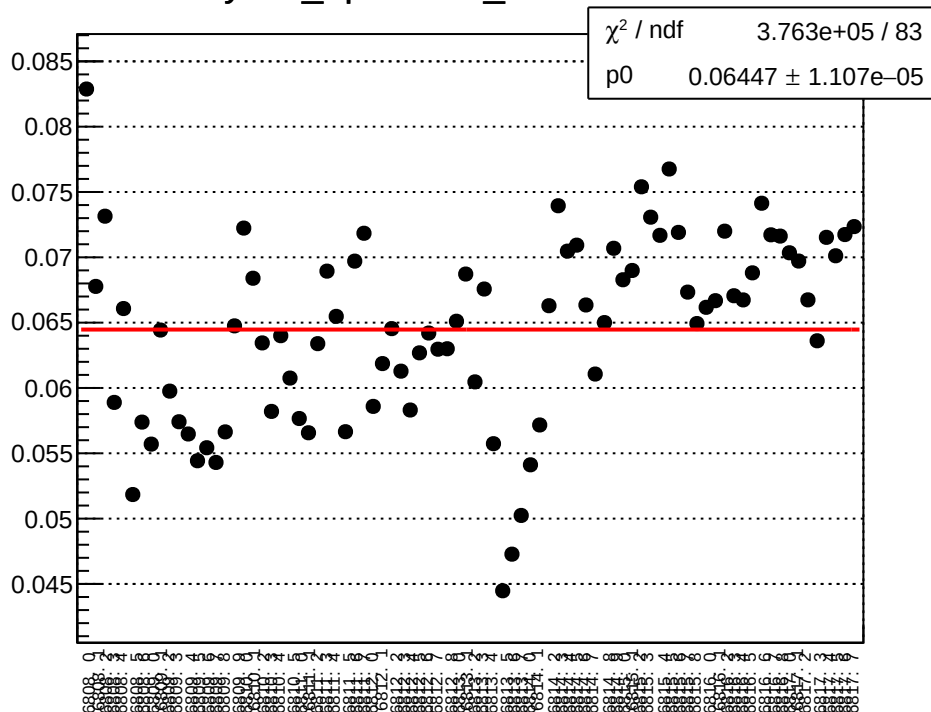
yield_bpm4ecX_mean vs run



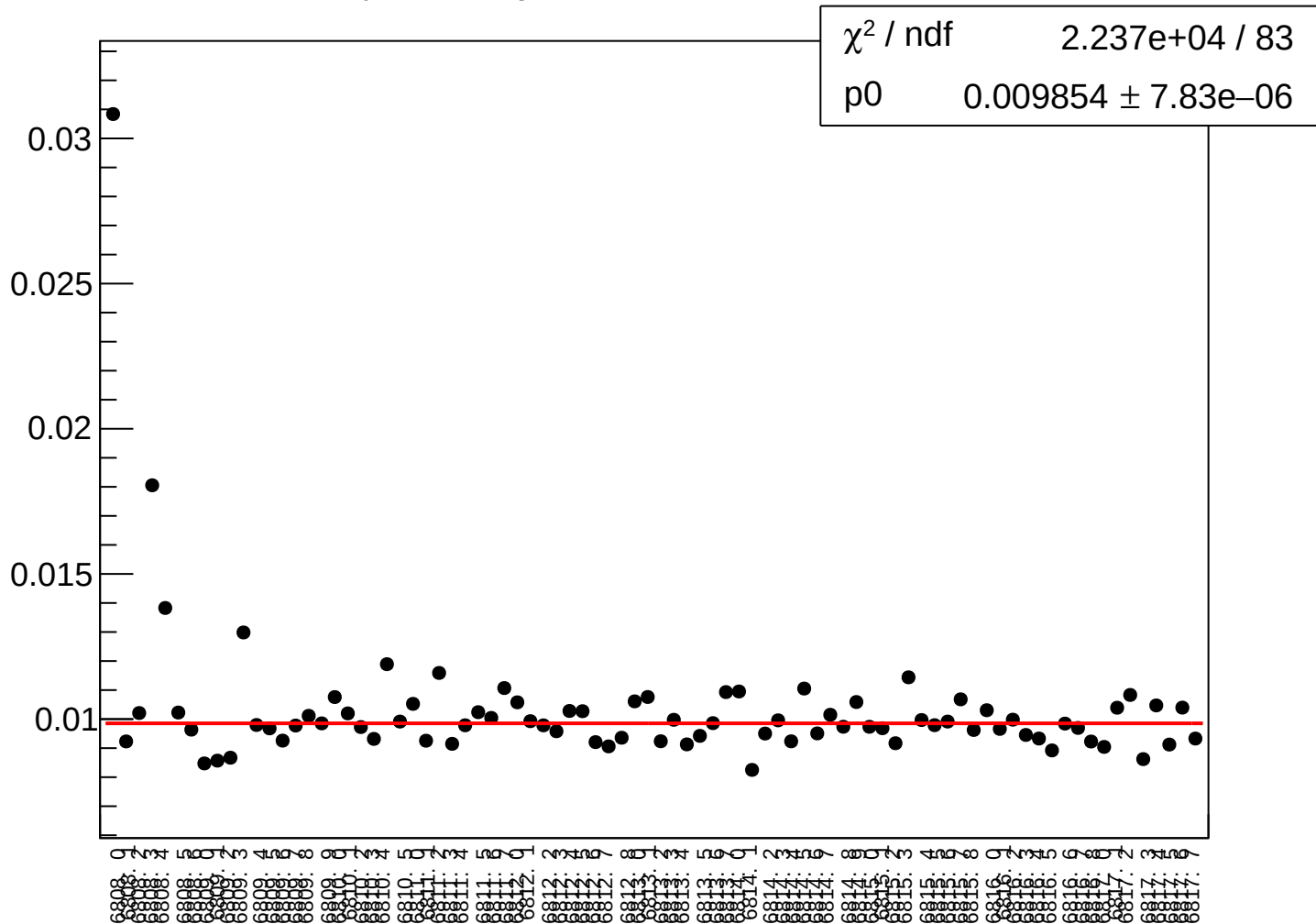
yield_bpm4ecX_rms vs run



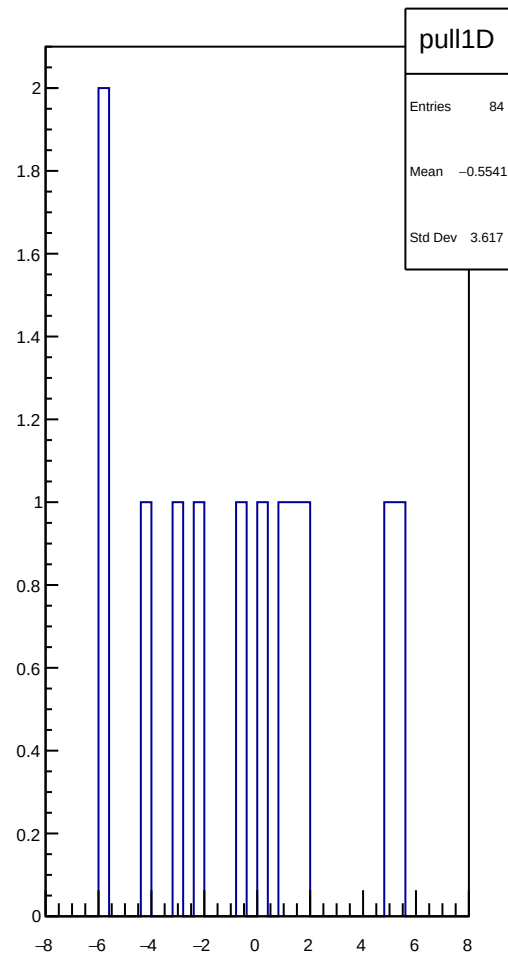
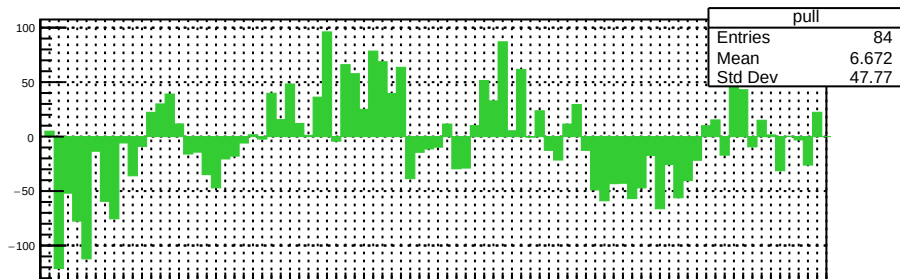
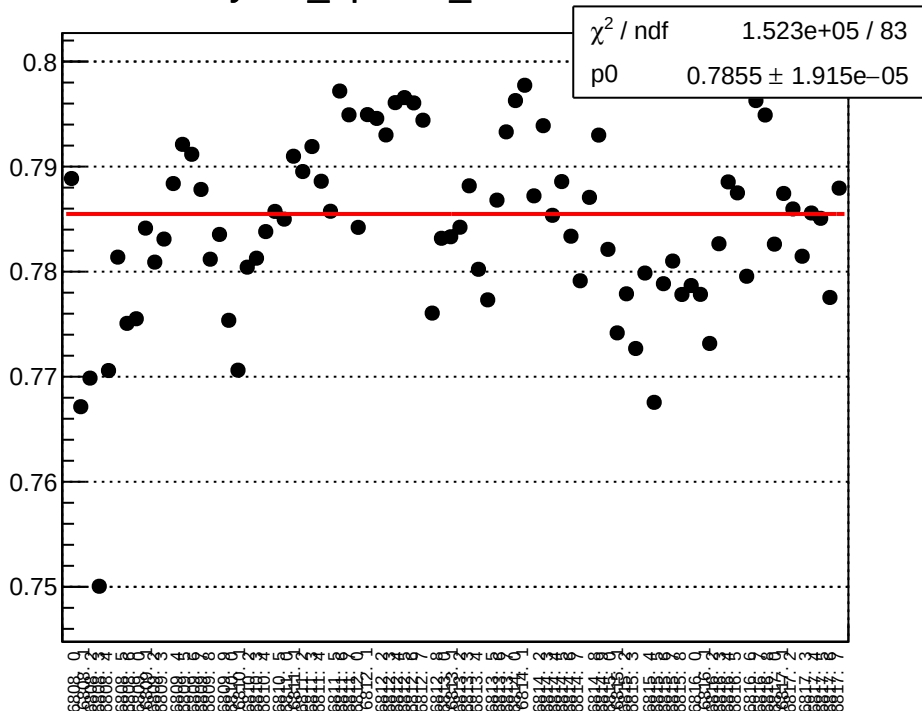
yield_bpm4ecY_mean vs run



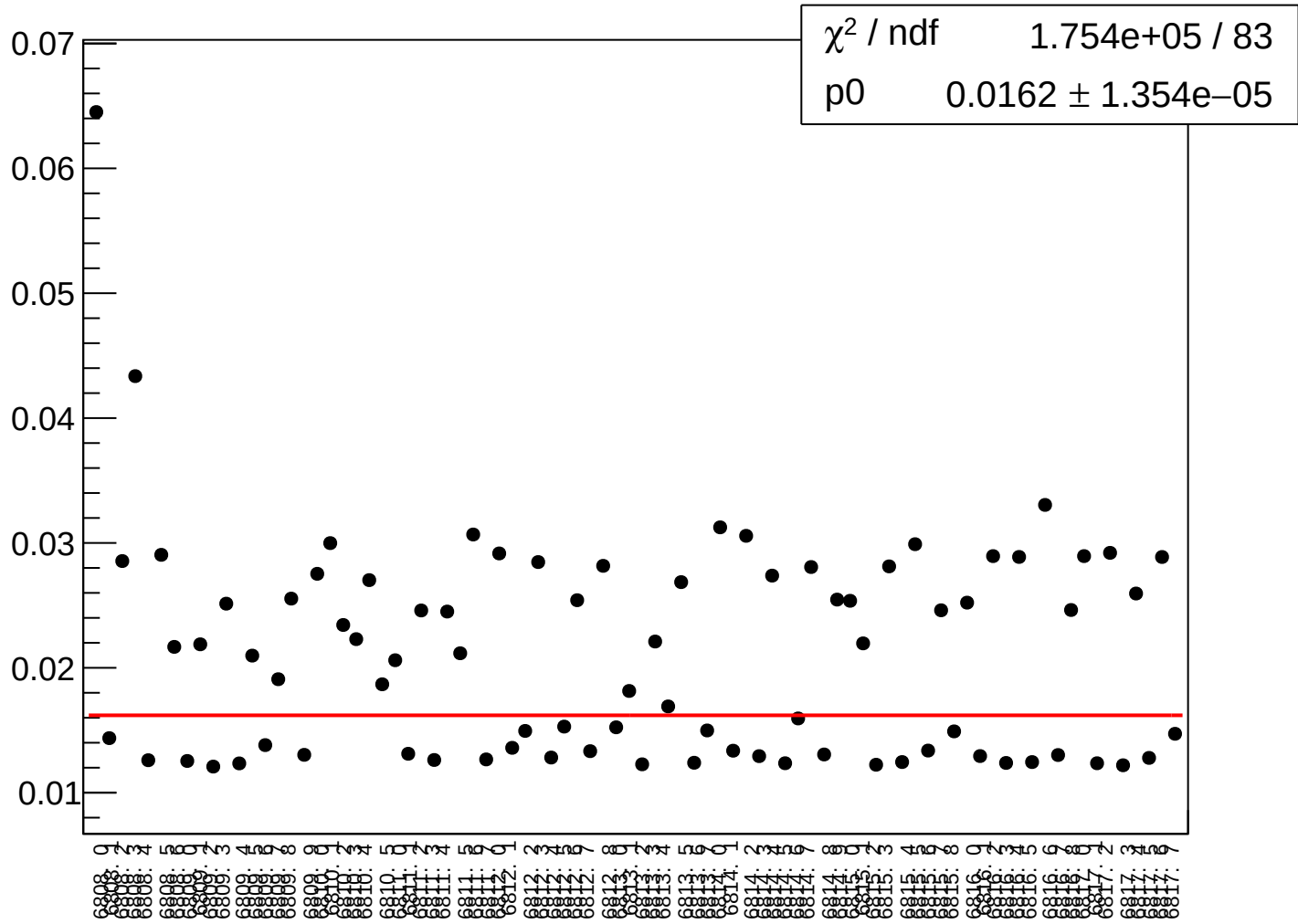
yield_bpm4ecY_rms vs run



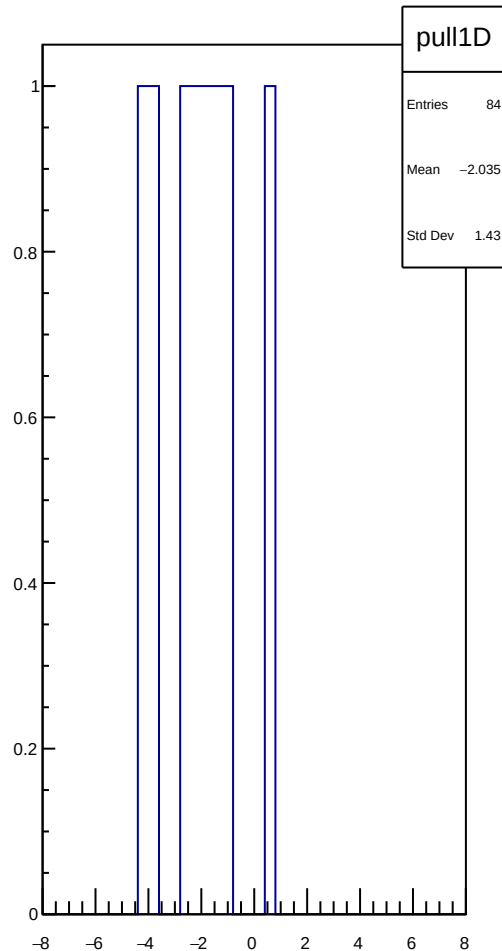
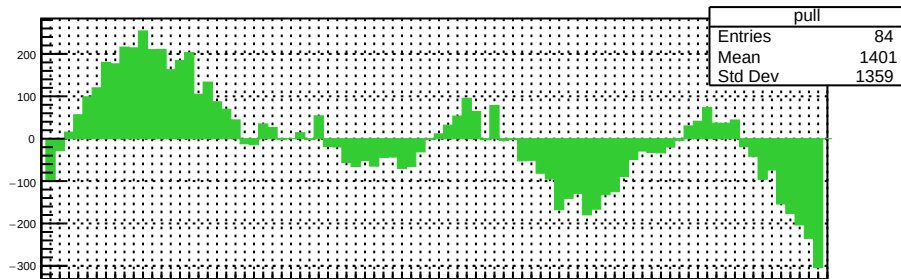
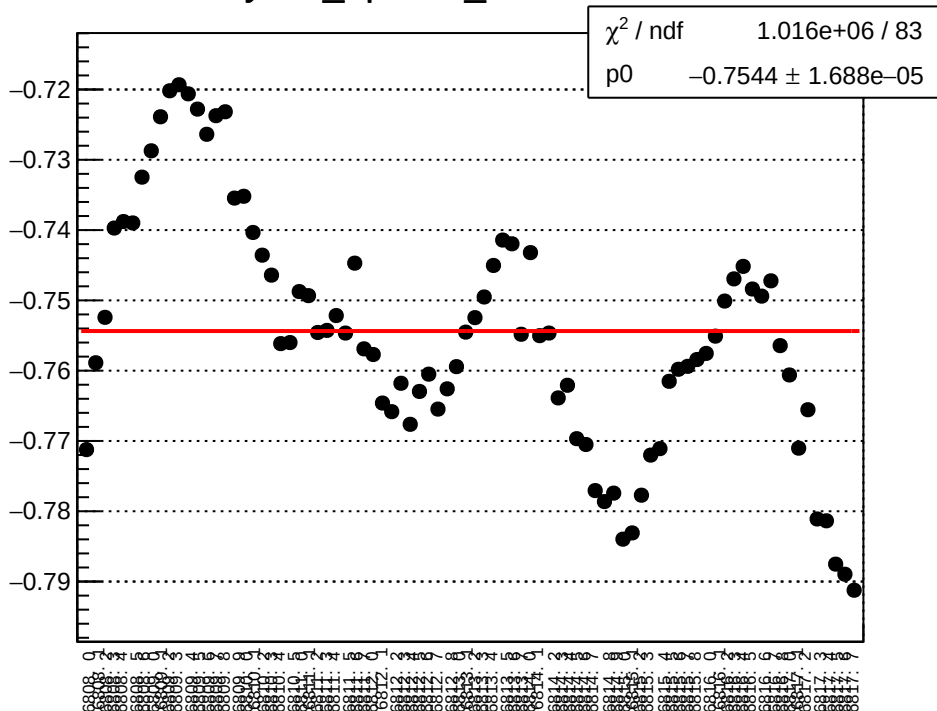
yield_bpm1X_mean vs run



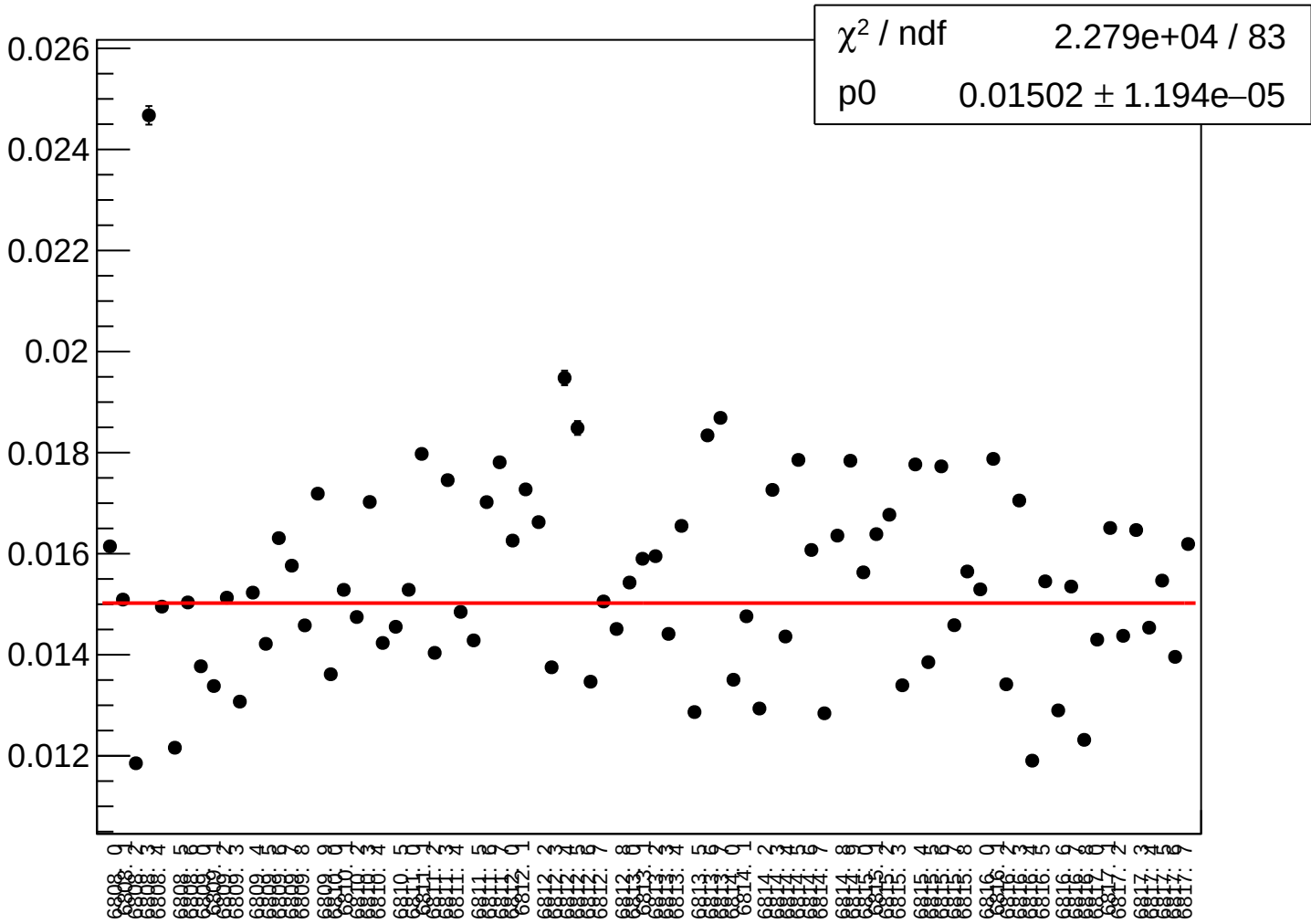
yield_bpm1X_rms vs run



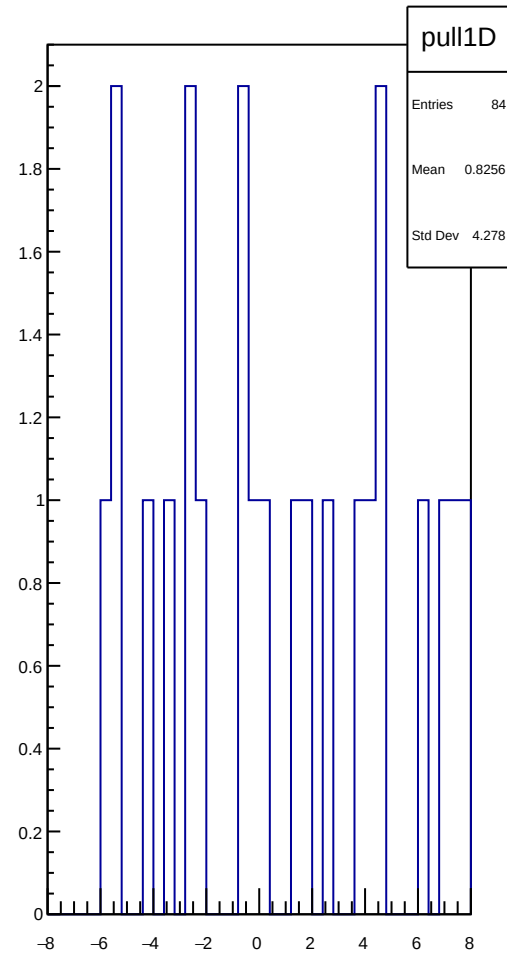
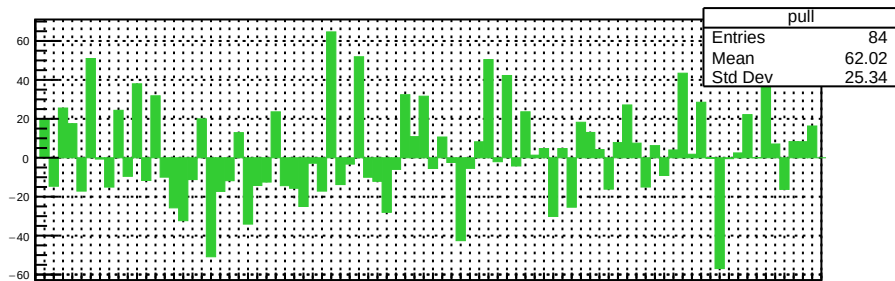
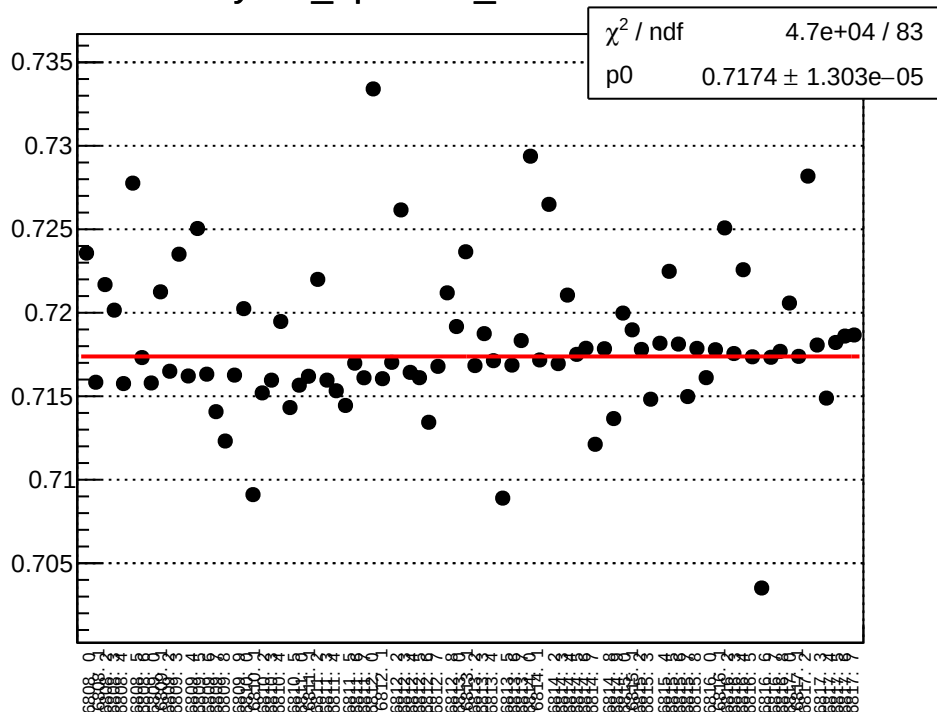
yield_bpm1Y_mean vs run



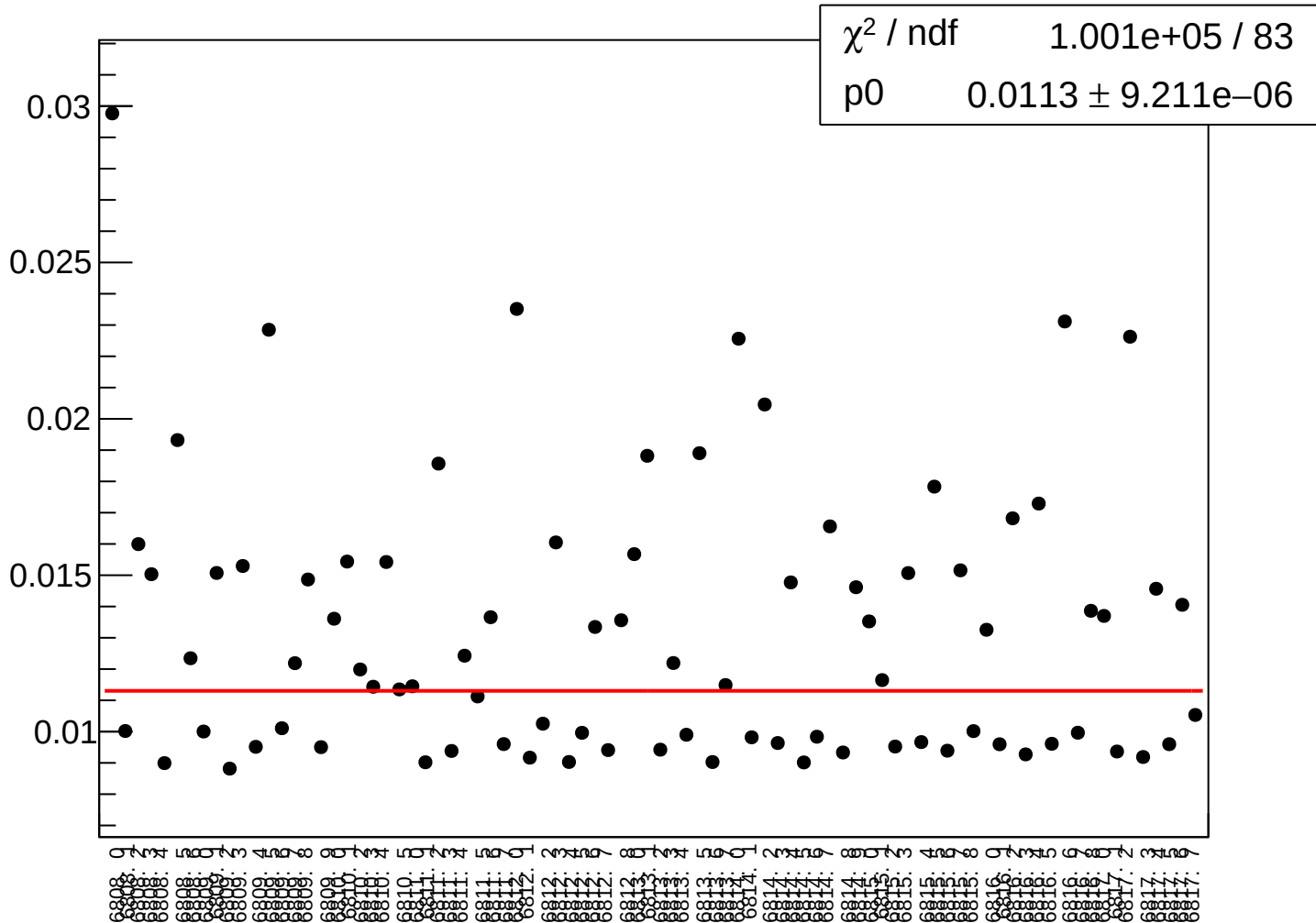
yield_bpm1Y_rms vs run



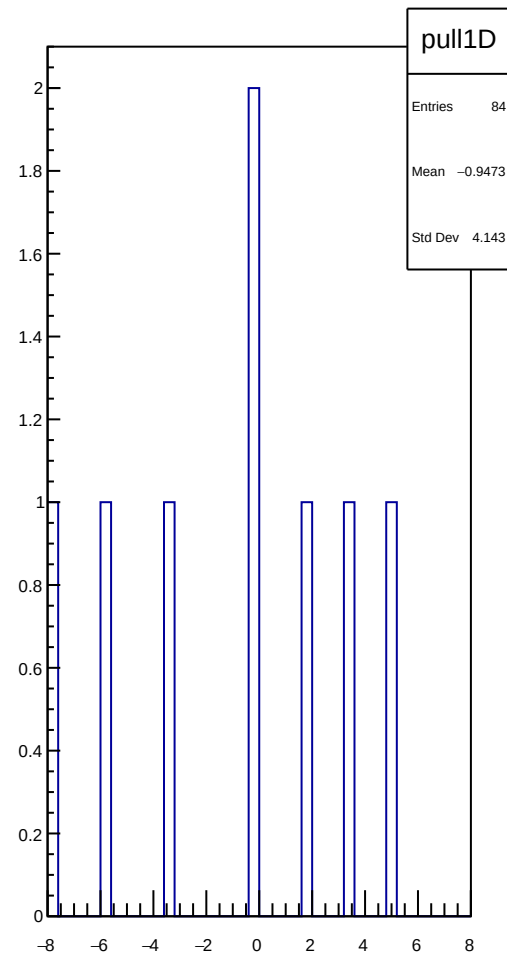
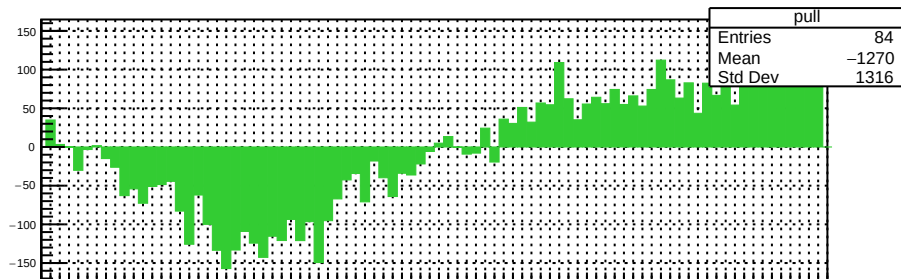
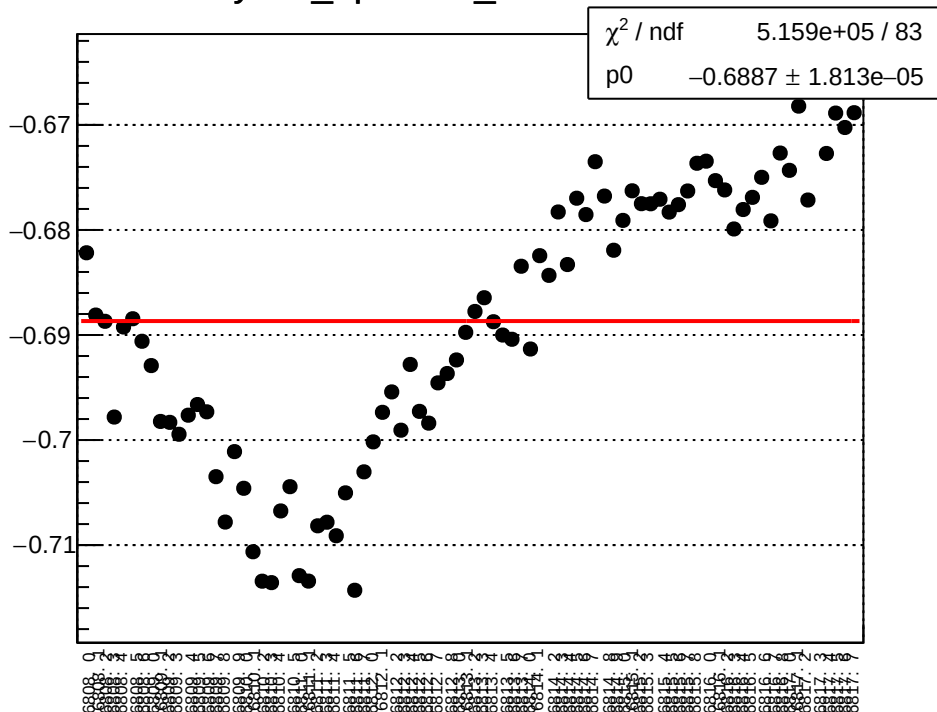
yield_bpm11X_mean vs run



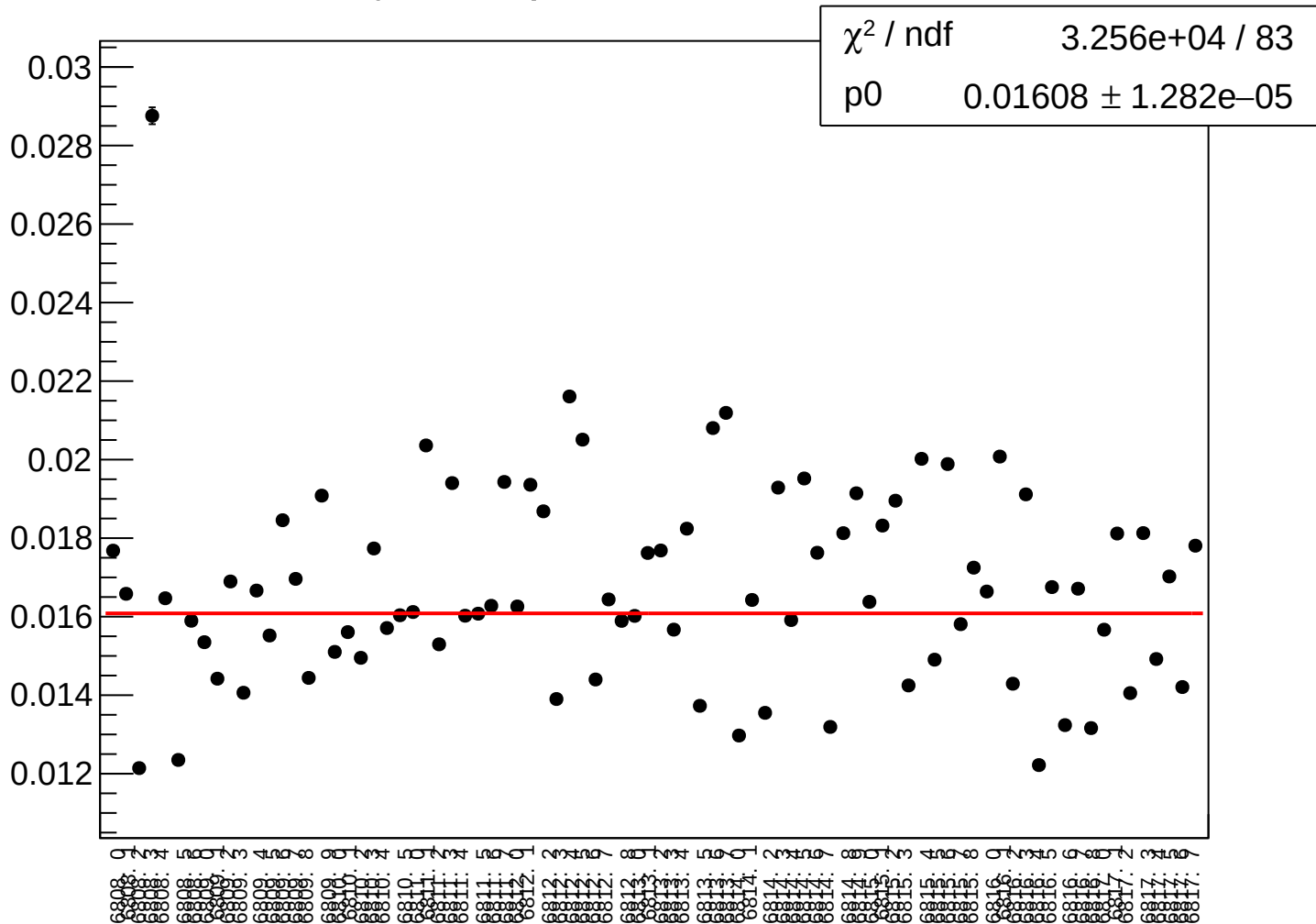
yield_bpm11X_rms vs run



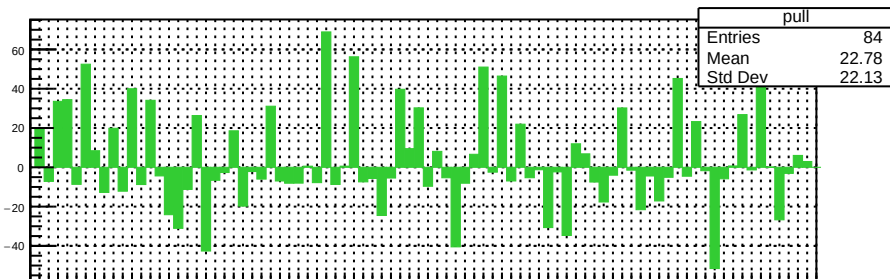
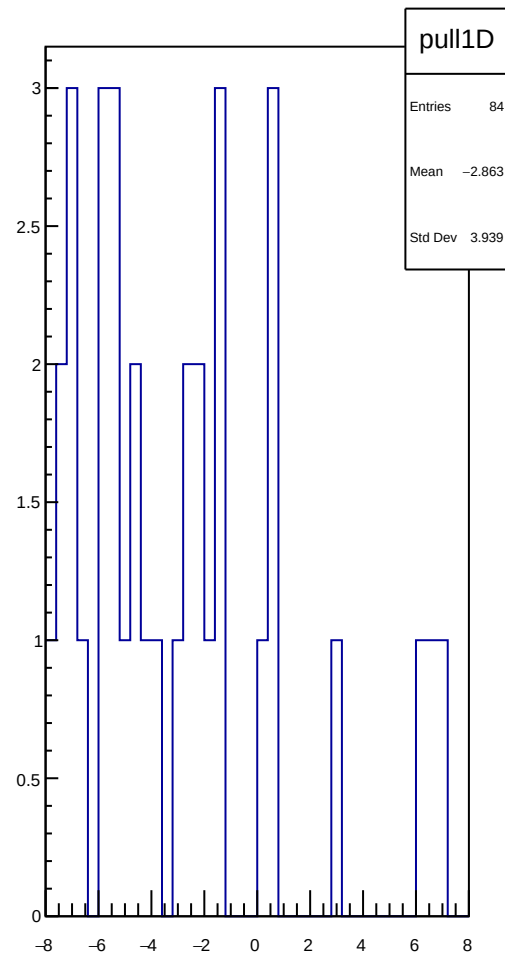
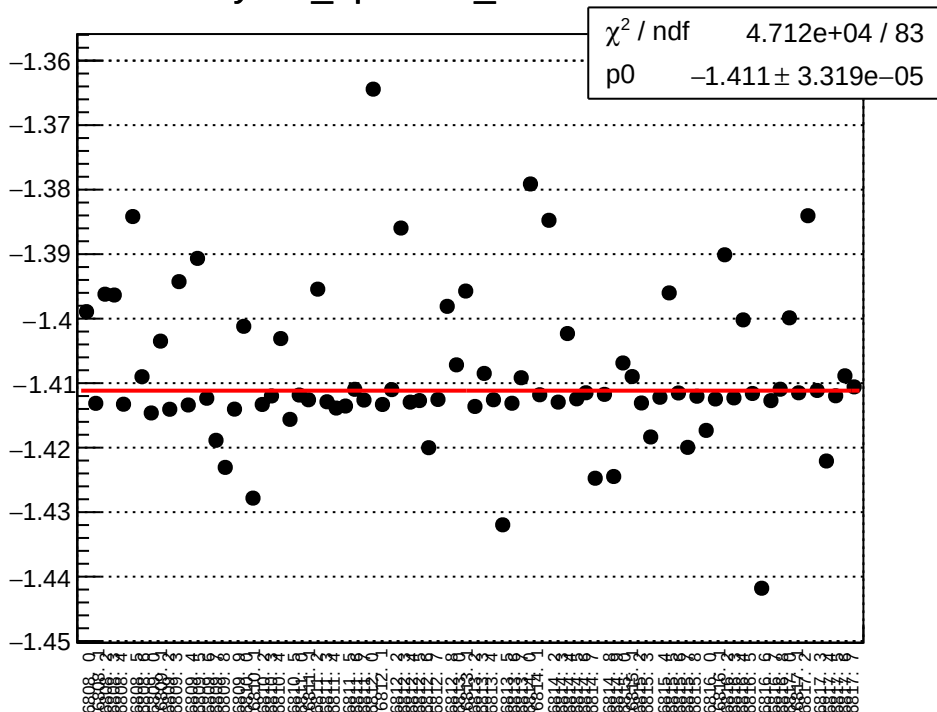
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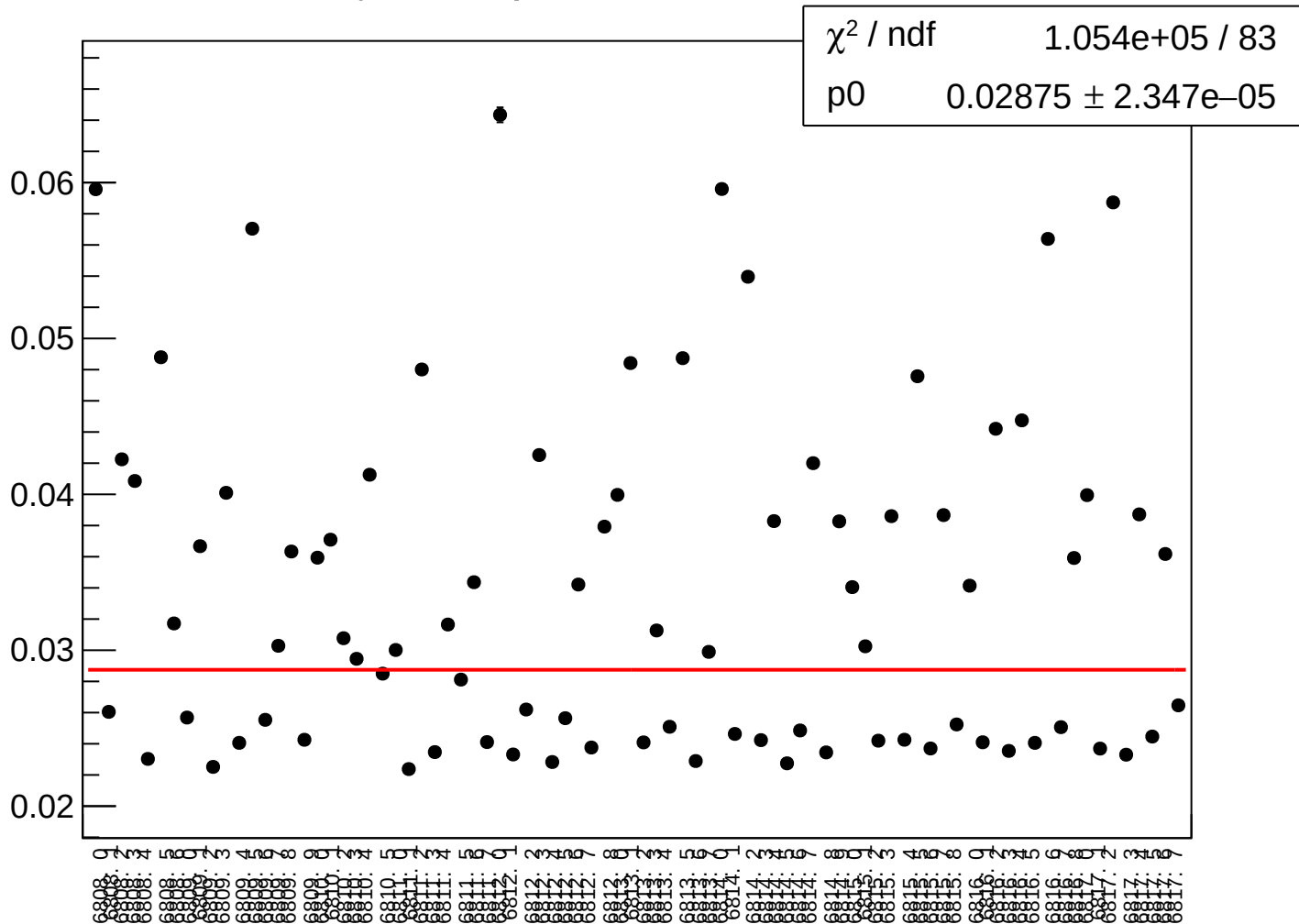
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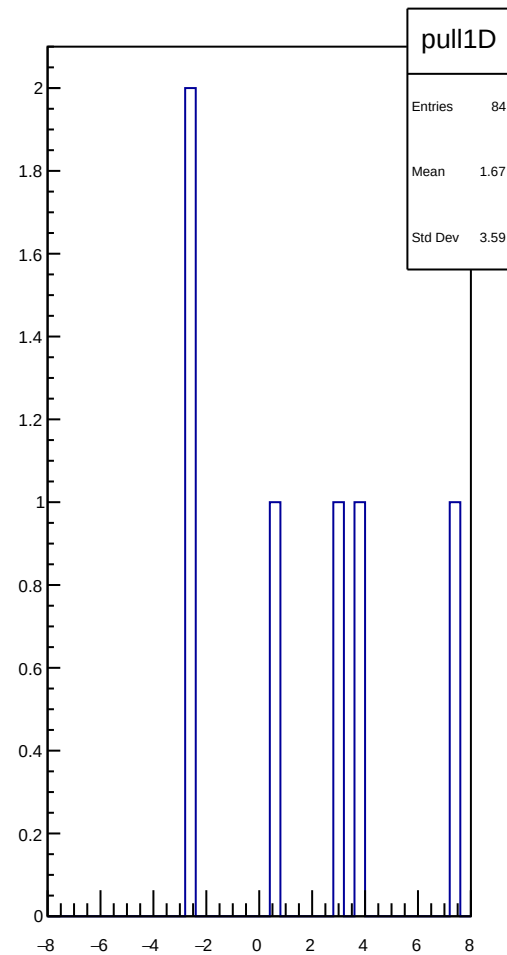
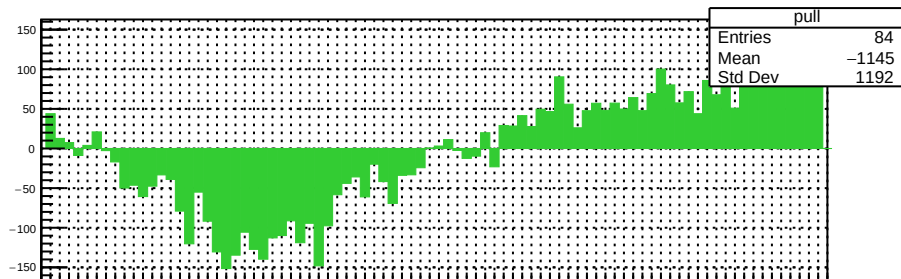
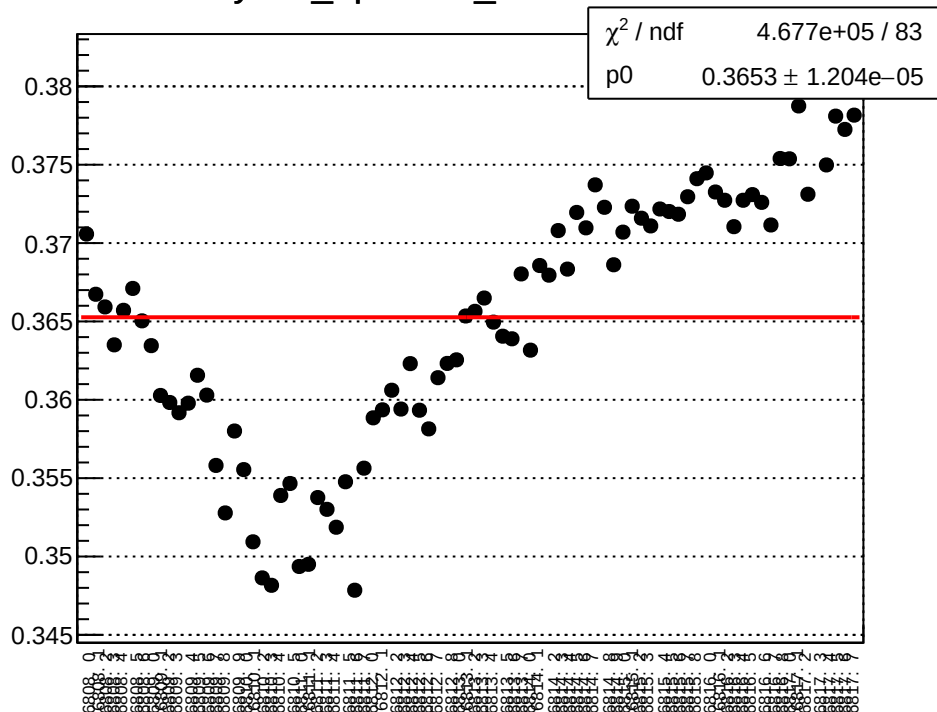
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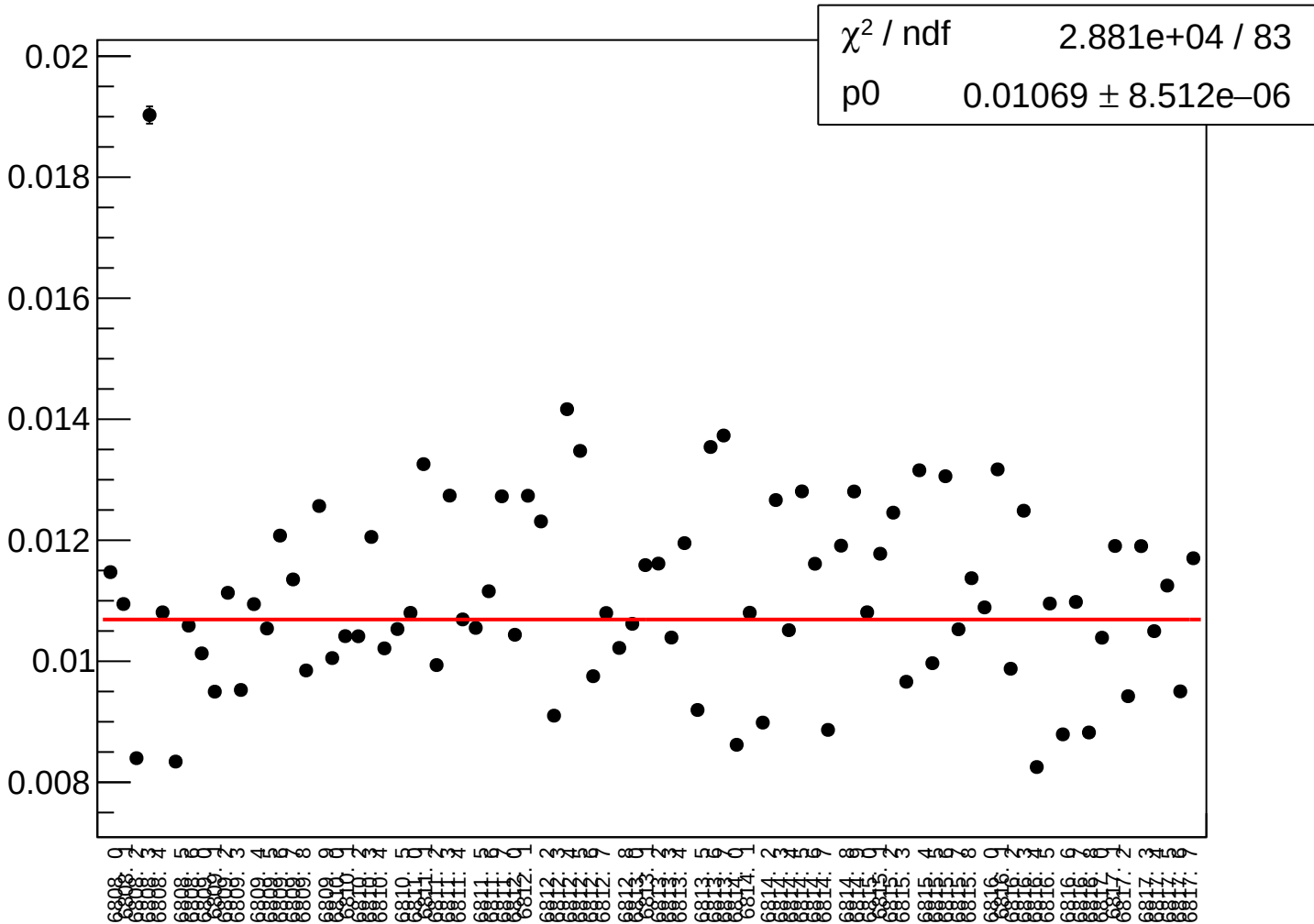
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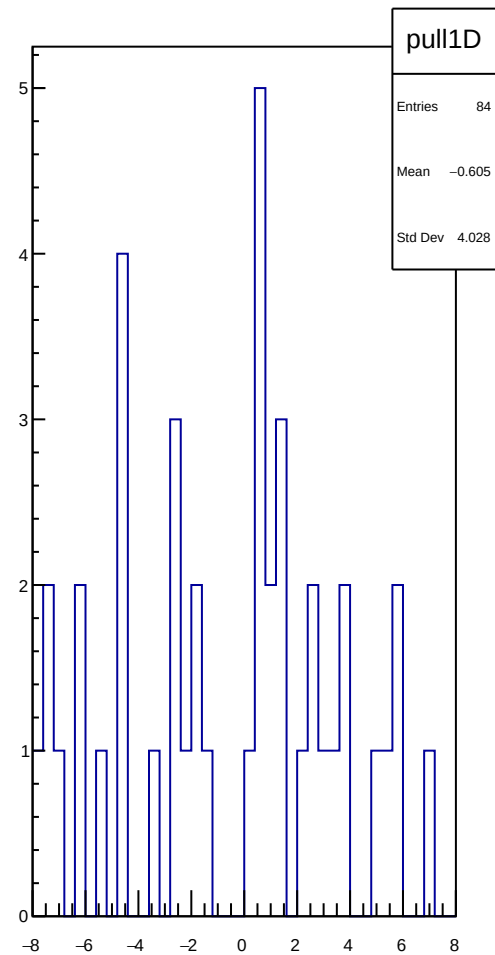
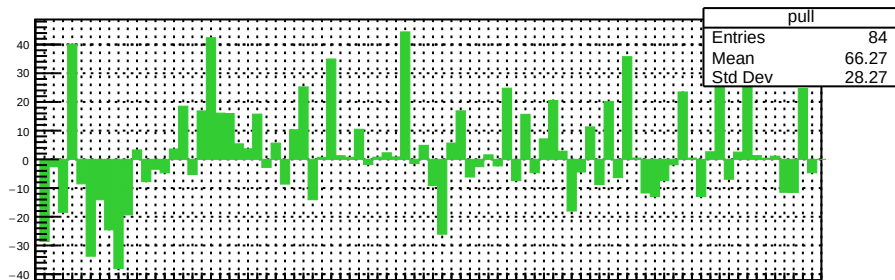
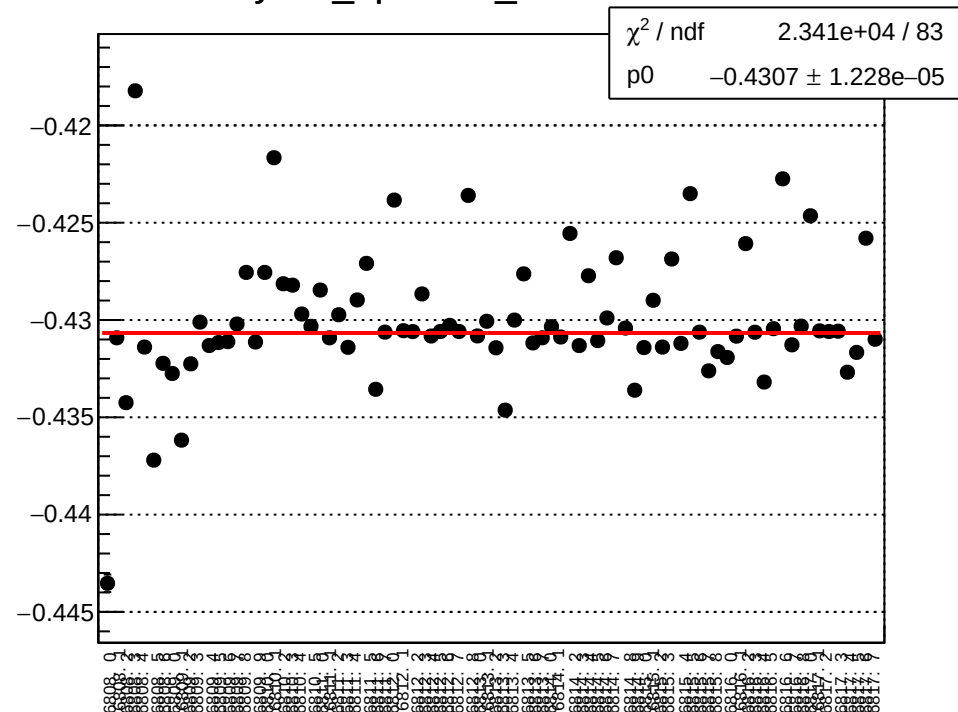
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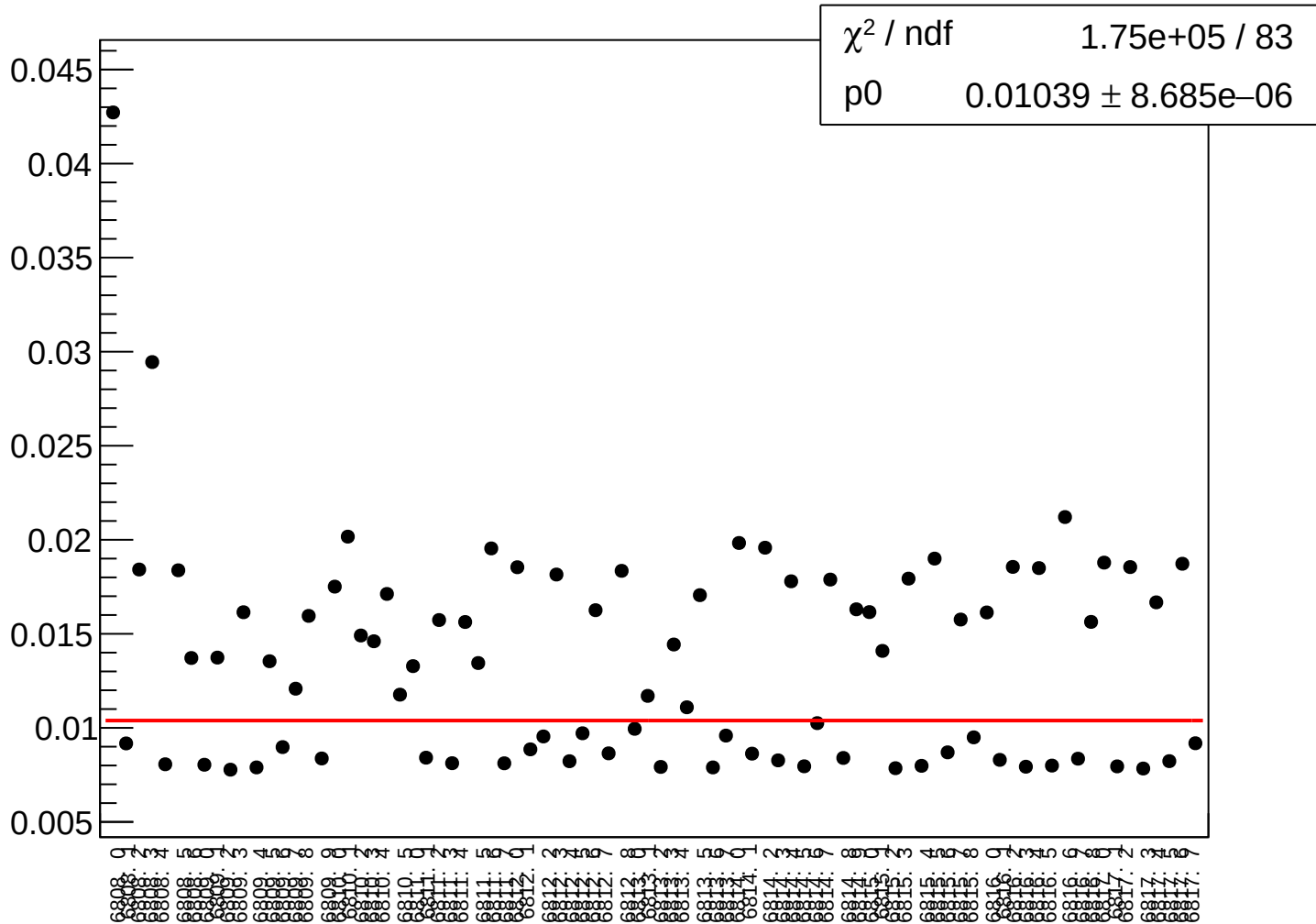
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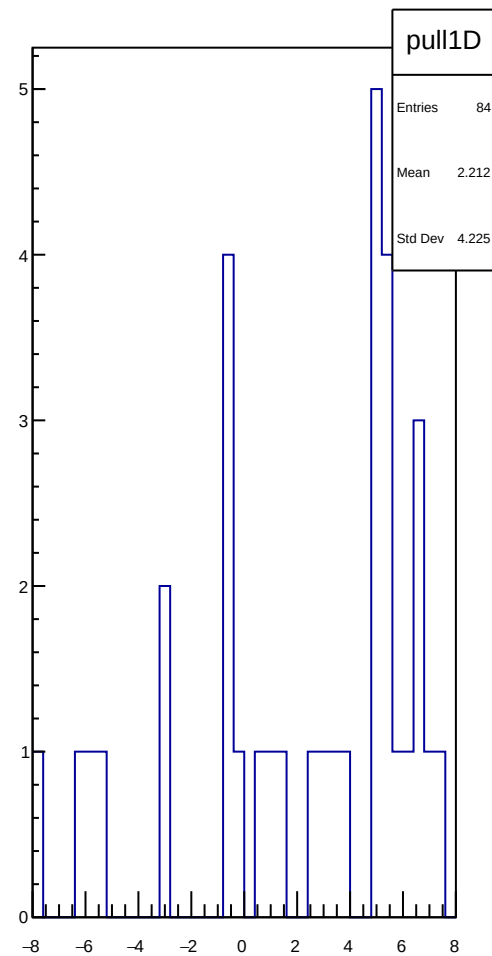
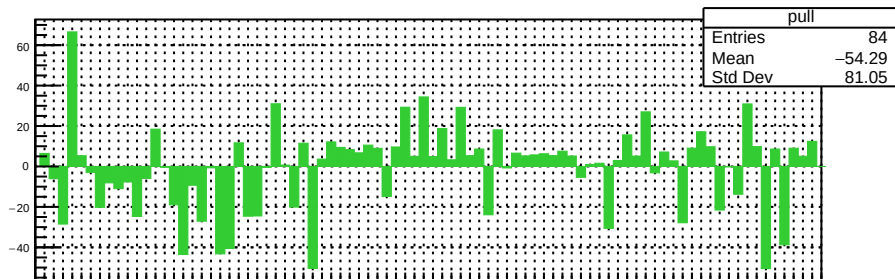
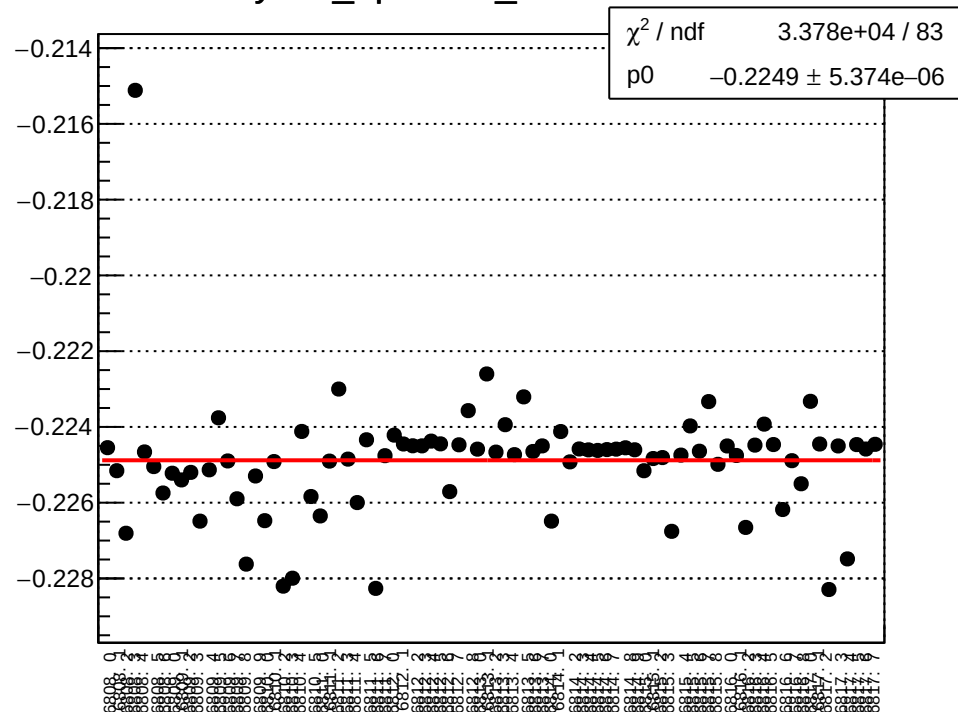
yield_bpm16X_mean vs run



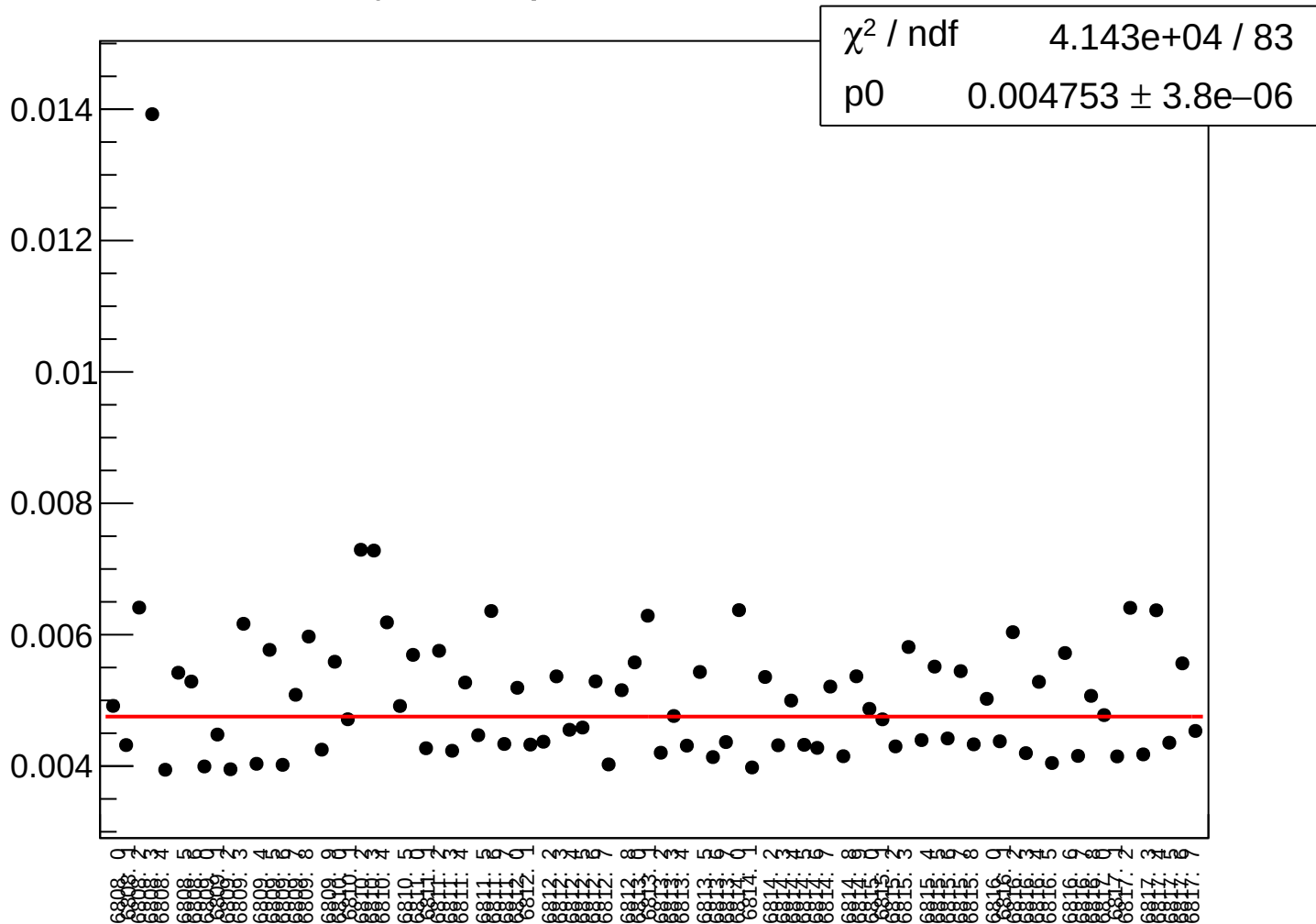
yield_bpm16X_rms vs run



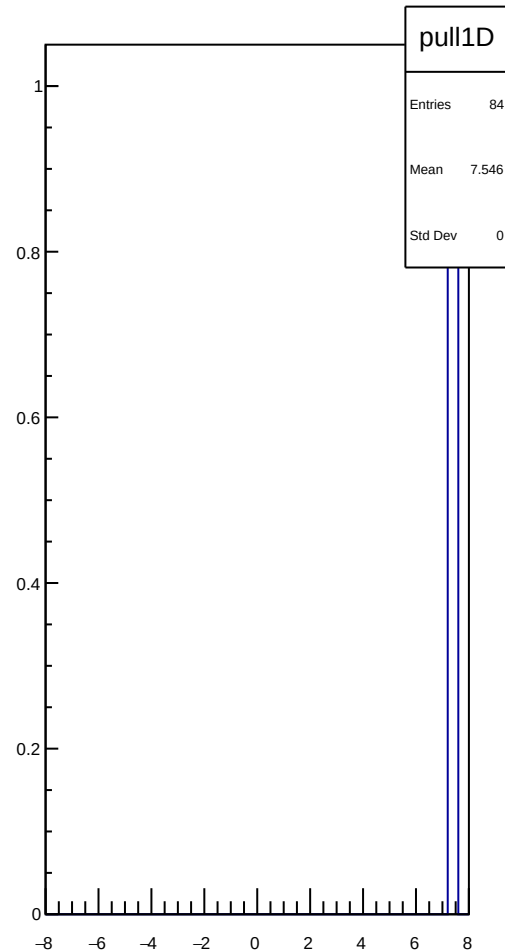
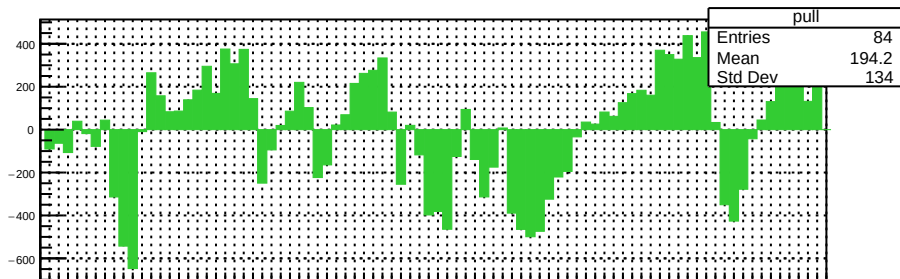
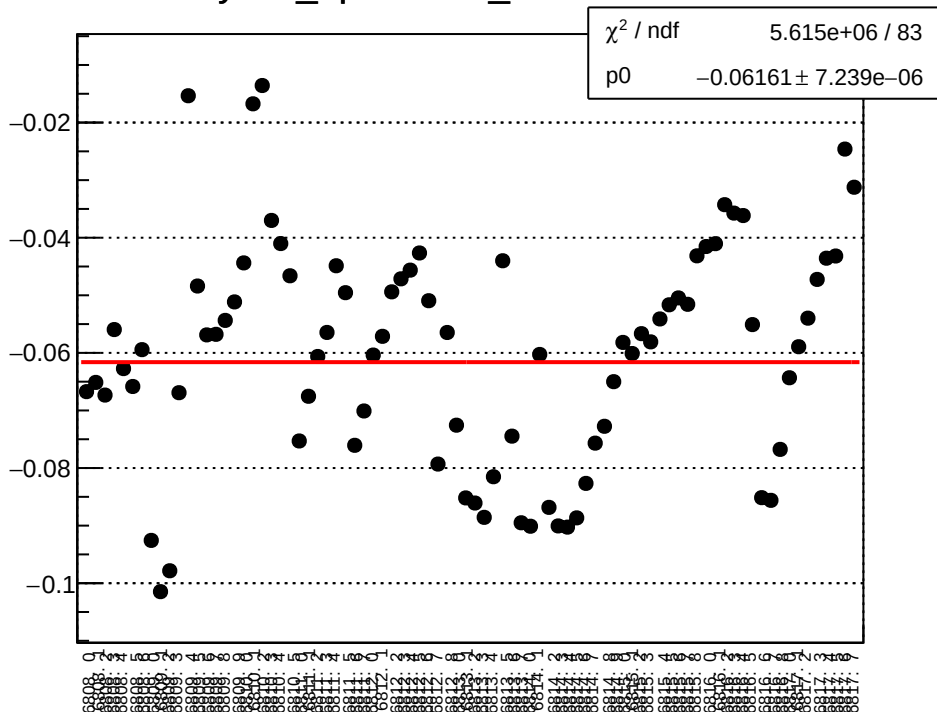
yield_bpm16Y_mean vs run



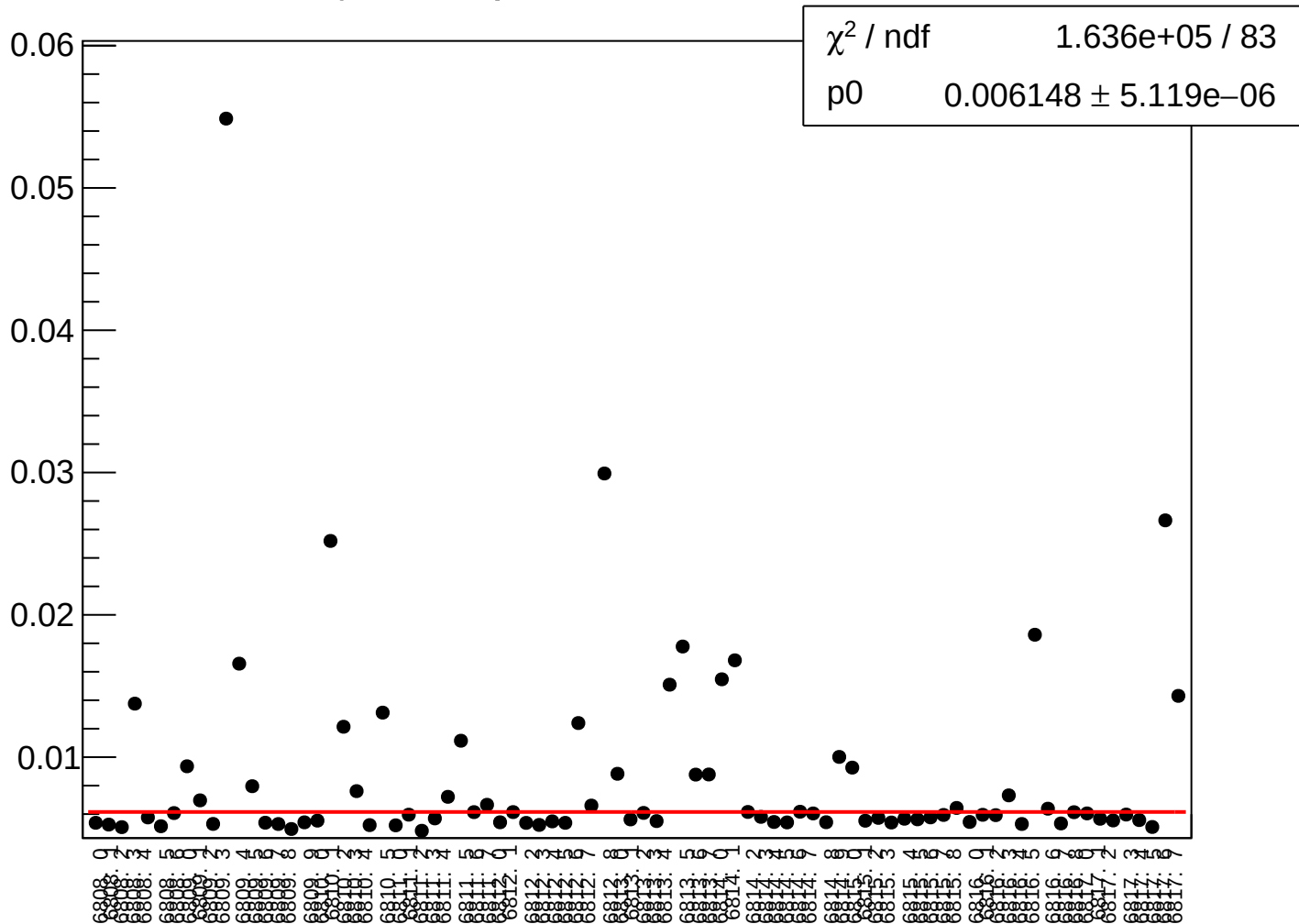
yield_bpm16Y_rms vs run



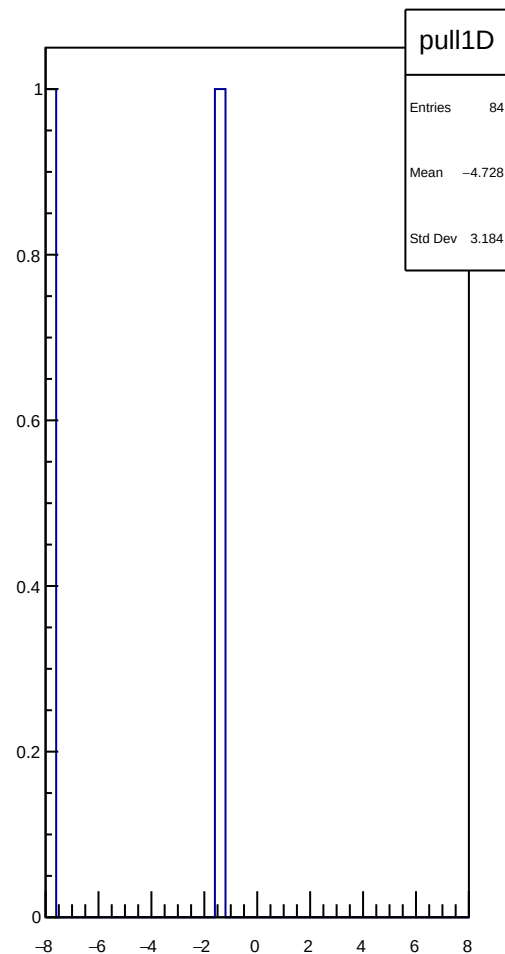
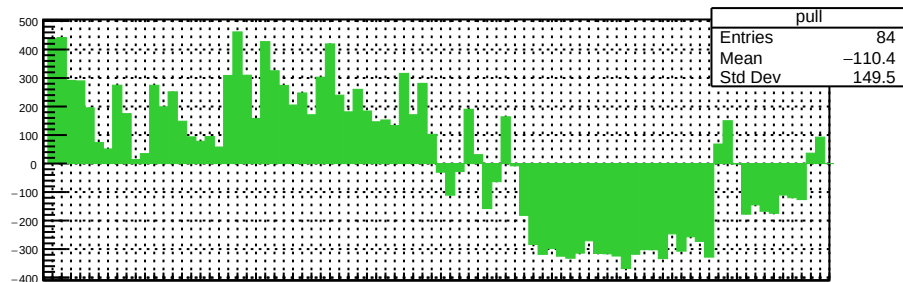
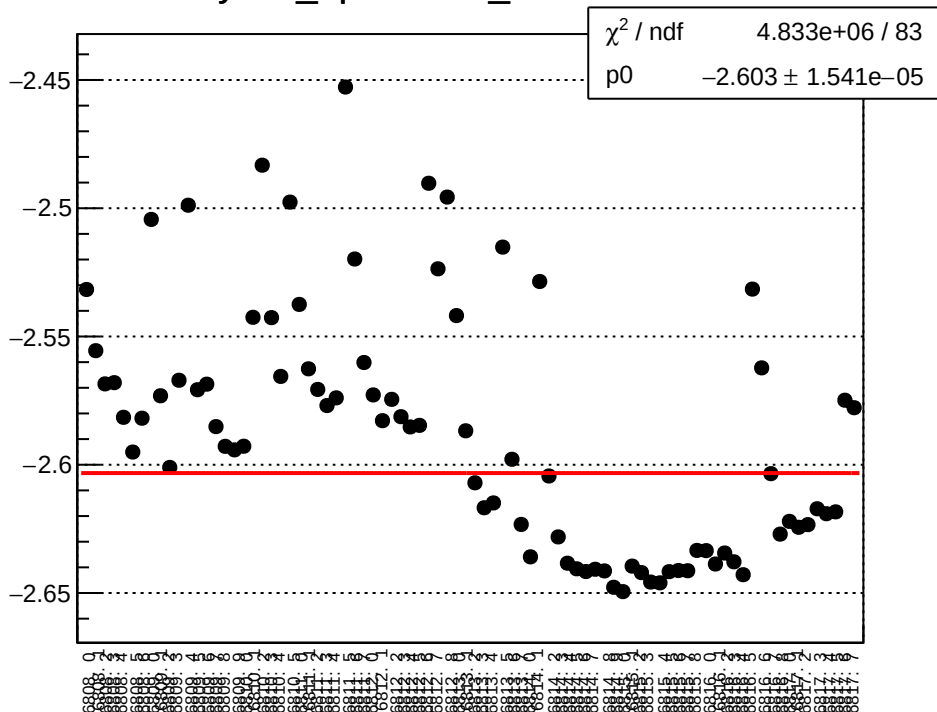
yield_bpm0i02X_mean vs run



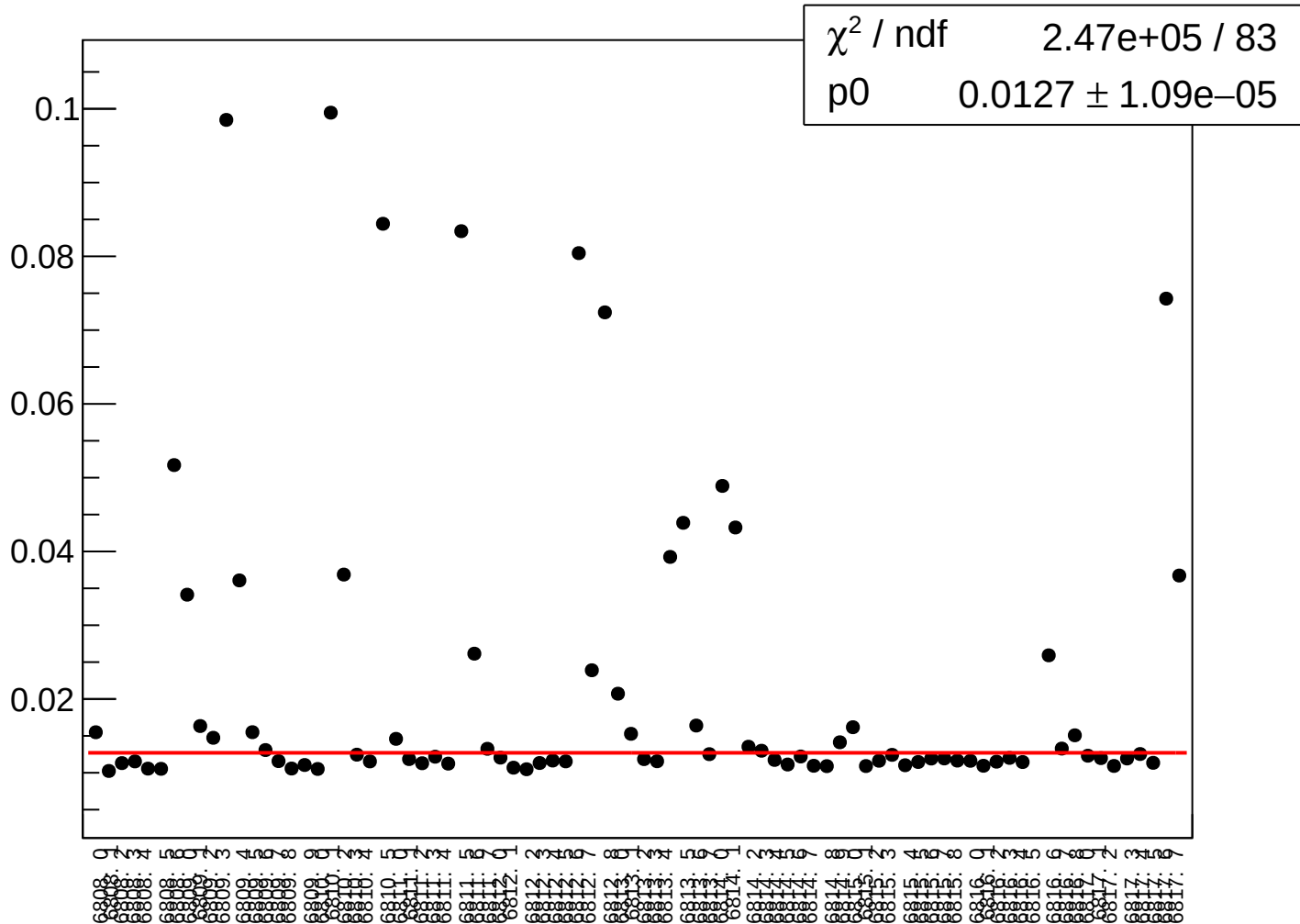
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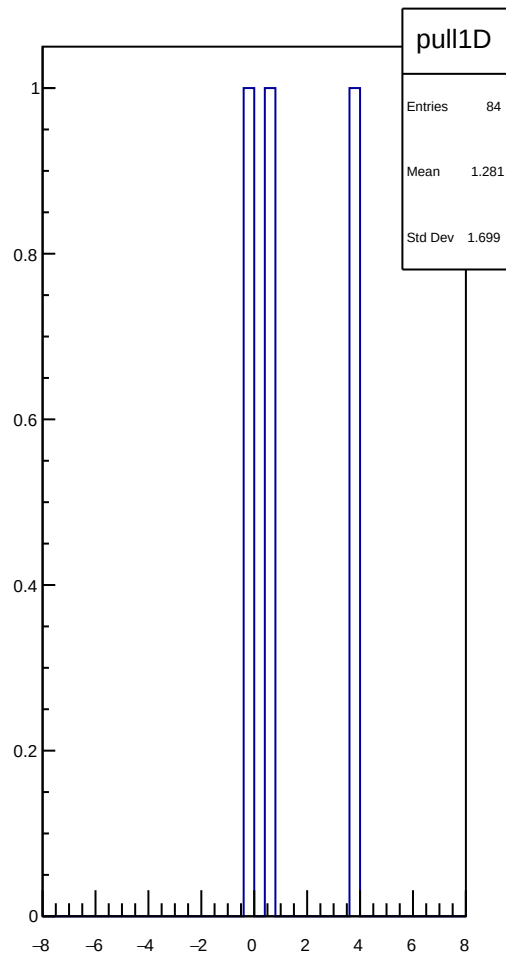
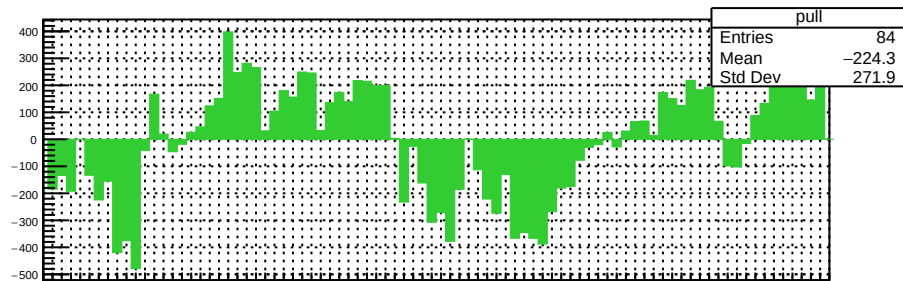
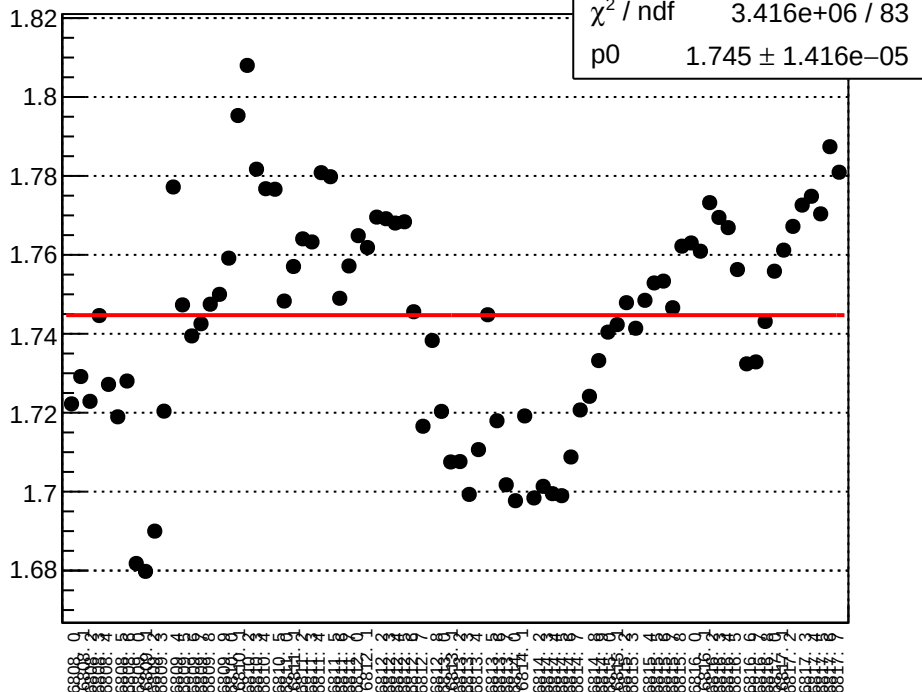
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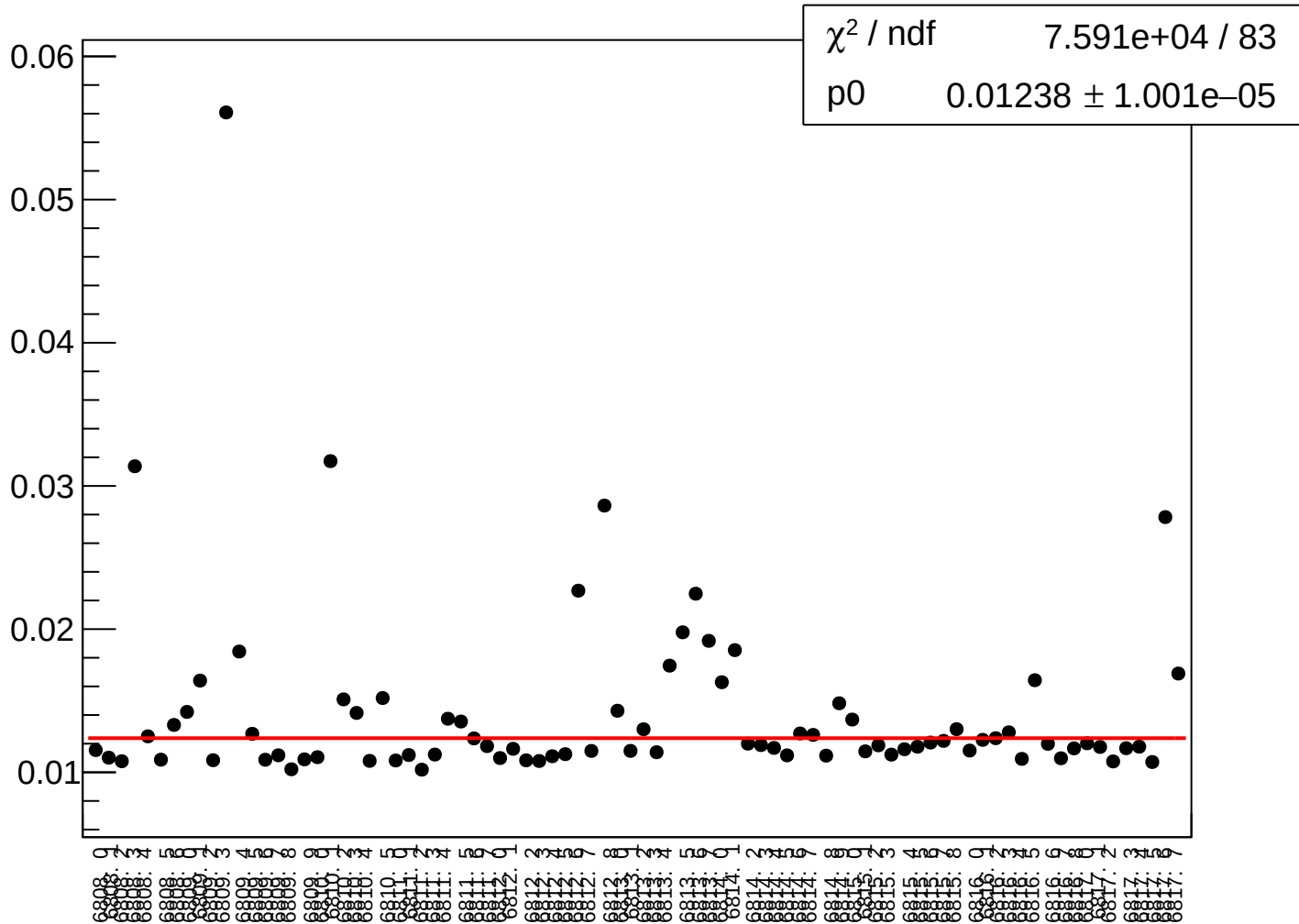
yield_bpm0i02Y_rms vs run



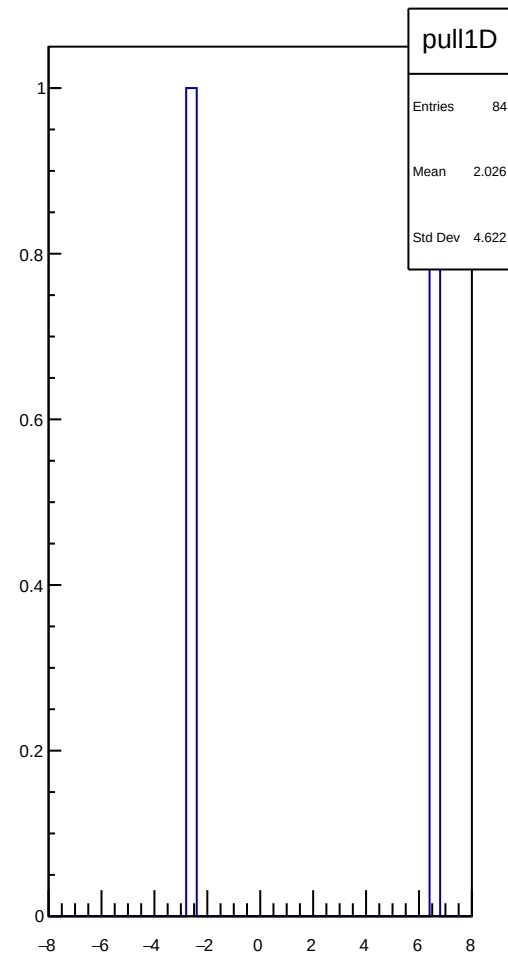
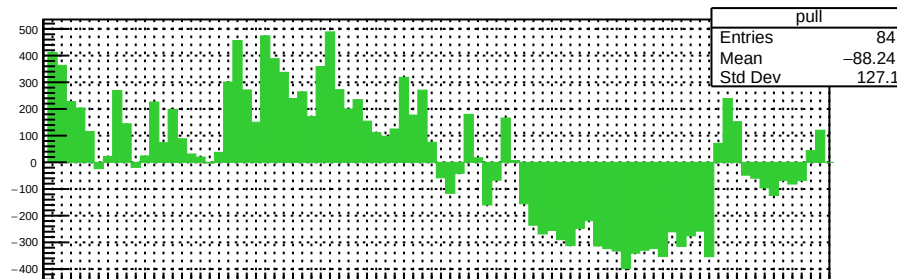
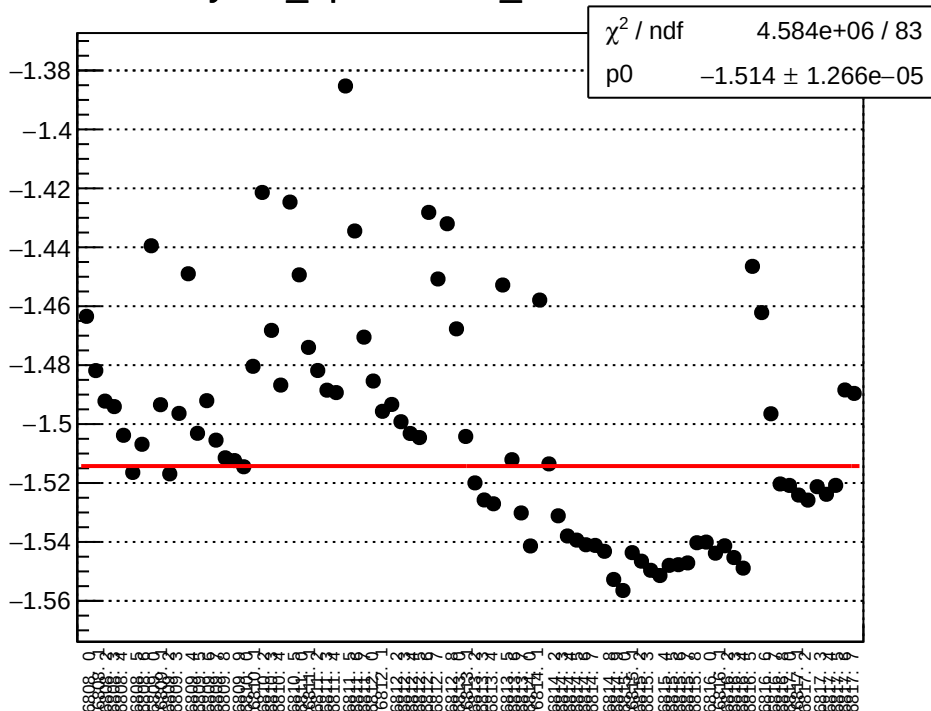
yield_bpm0i02aX_mean vs run



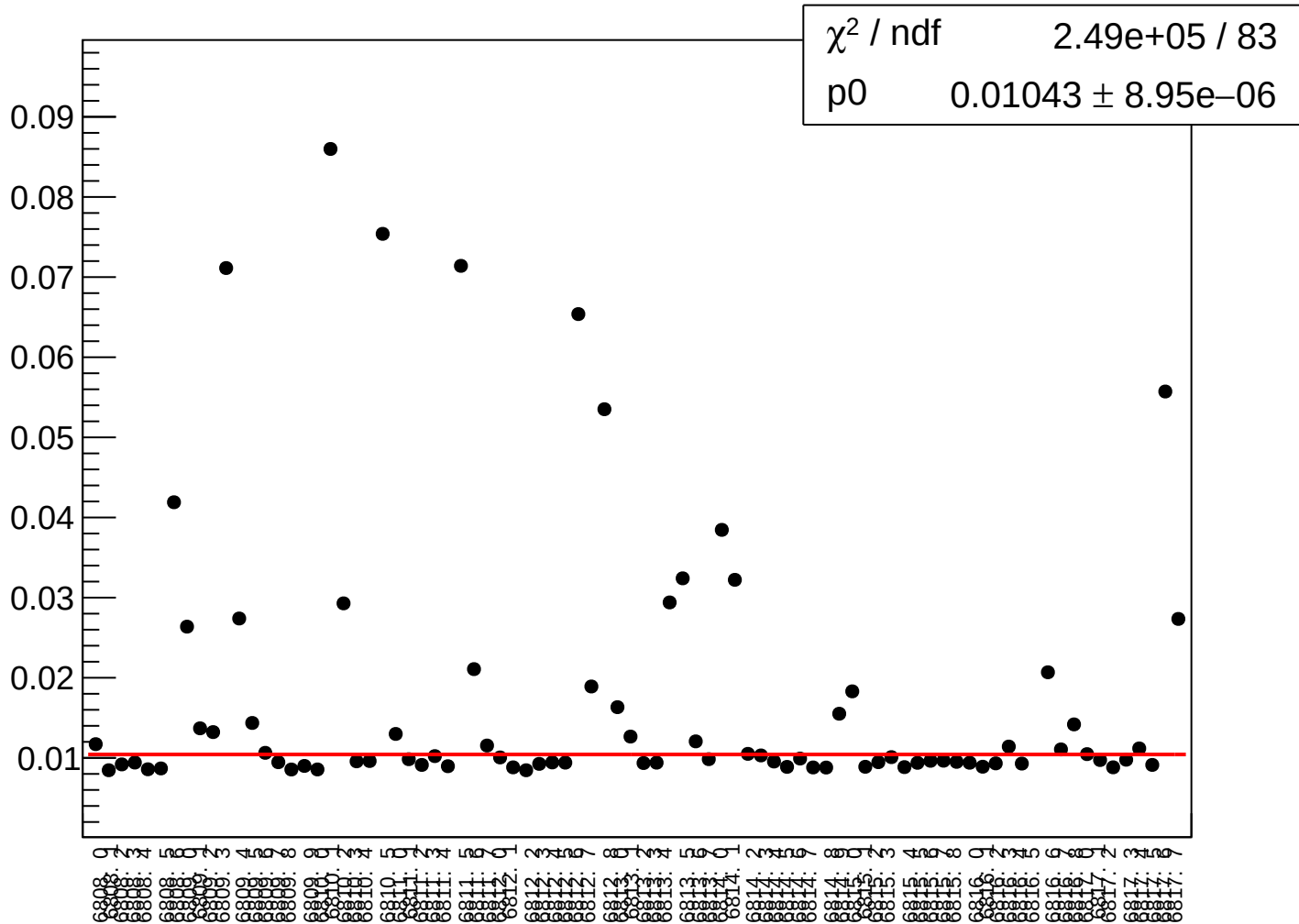
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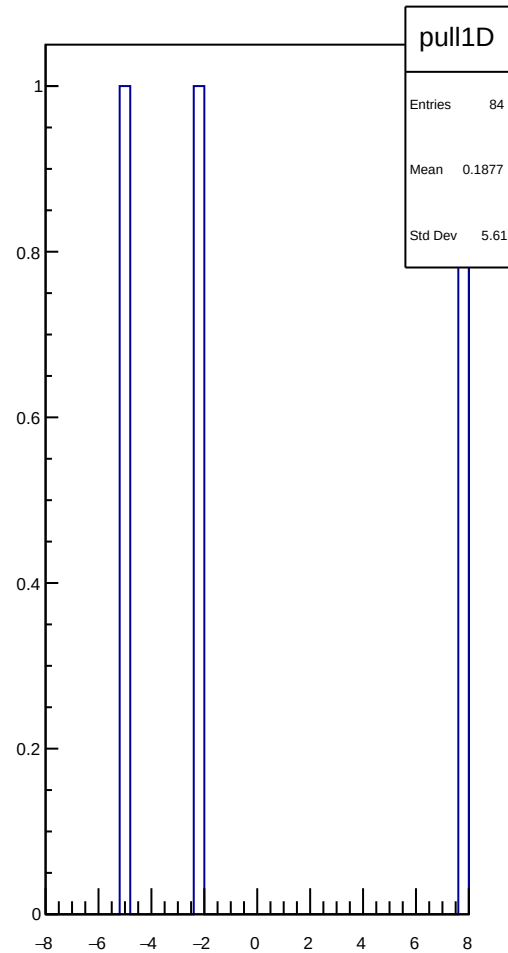
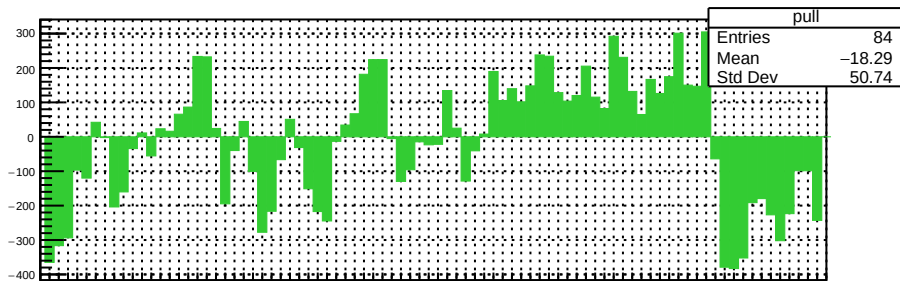
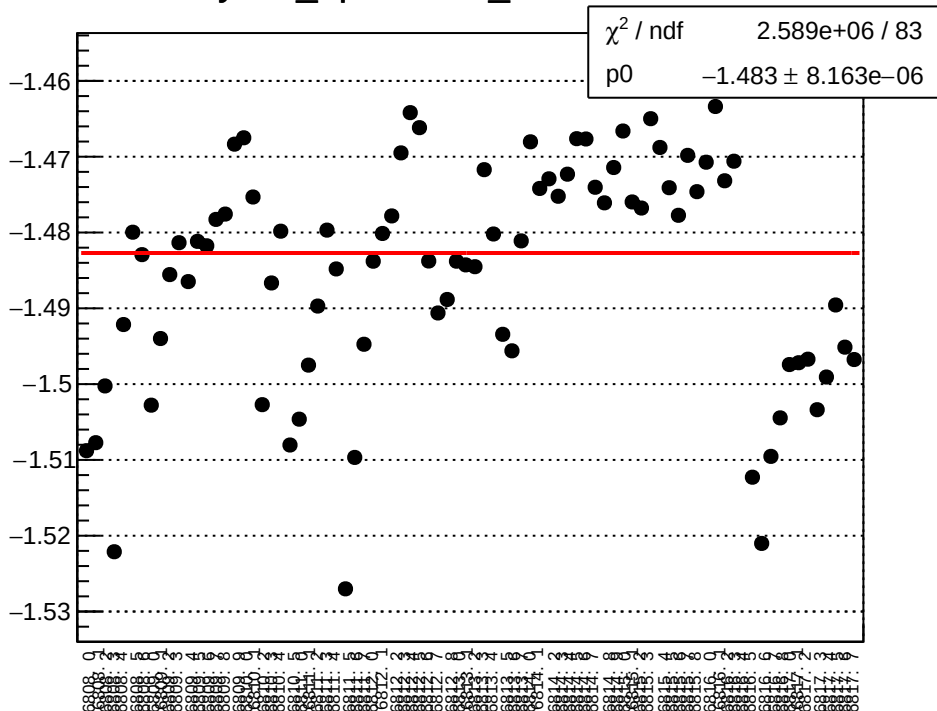
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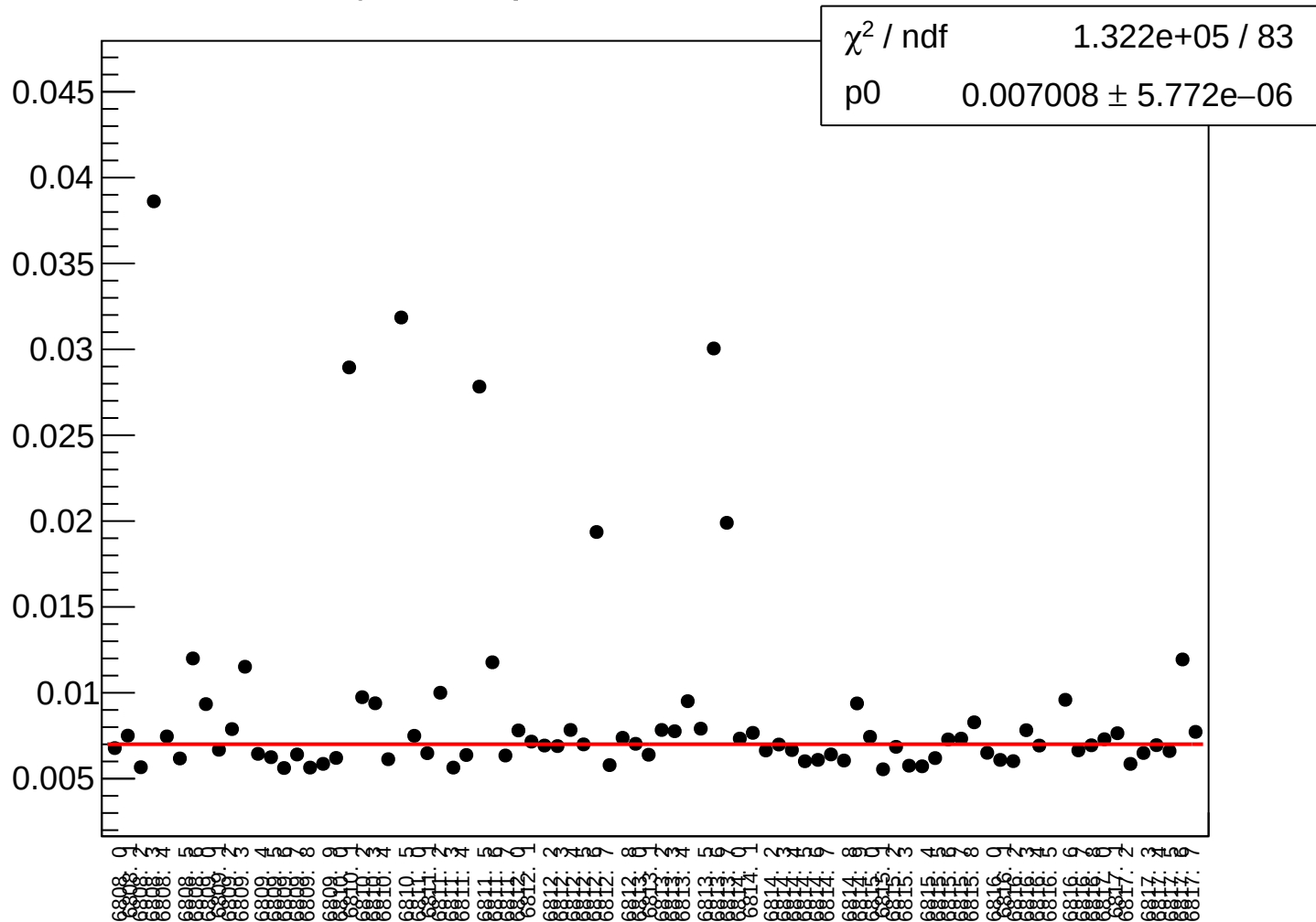
yield_bpm0i02aY_rms vs run



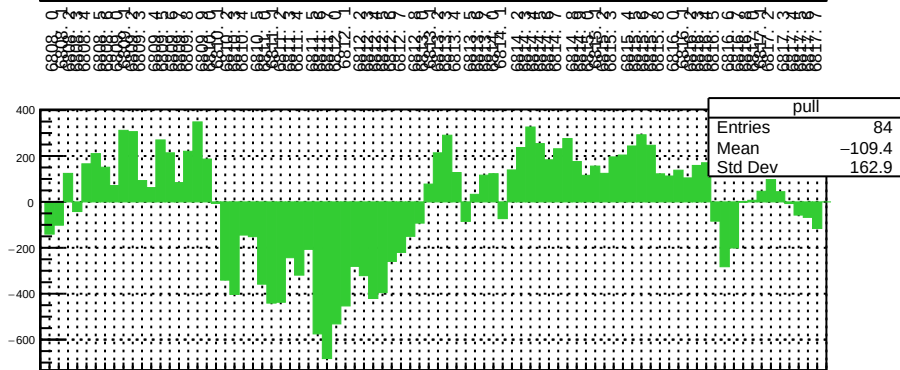
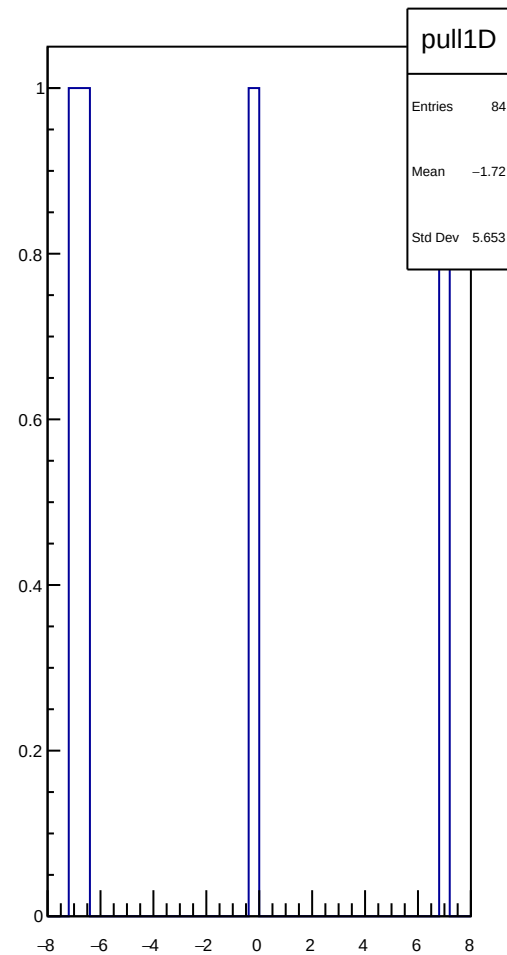
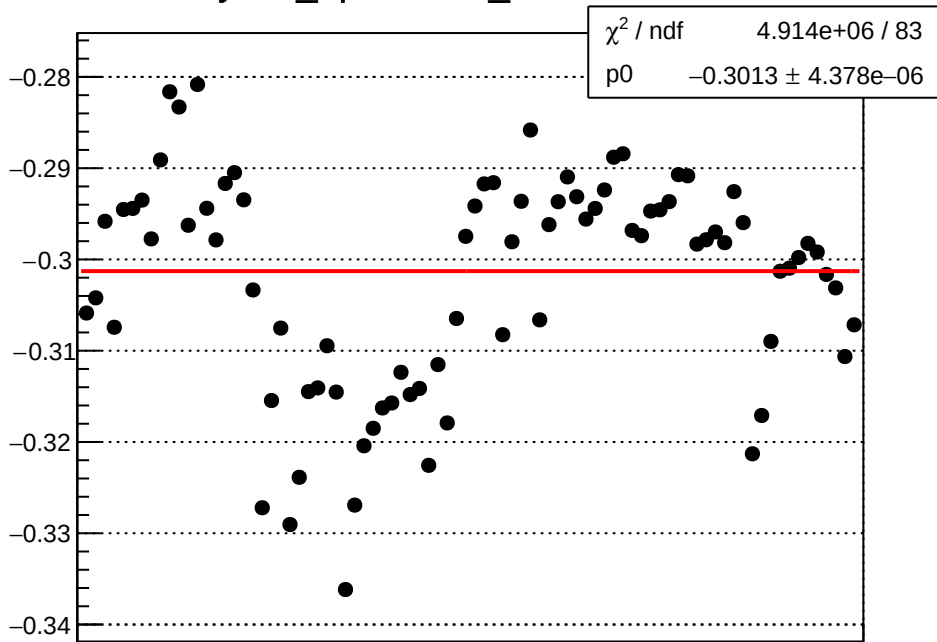
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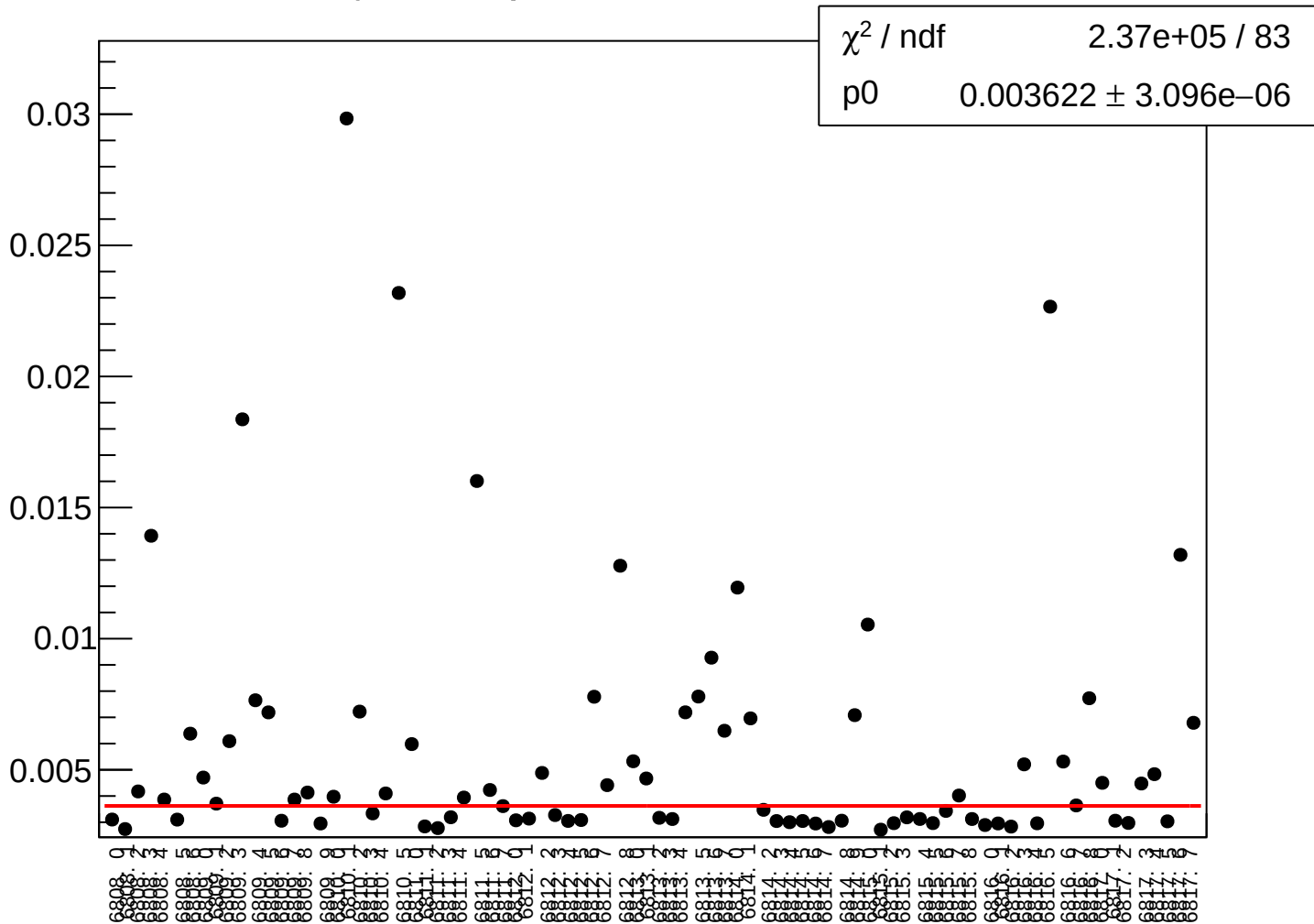
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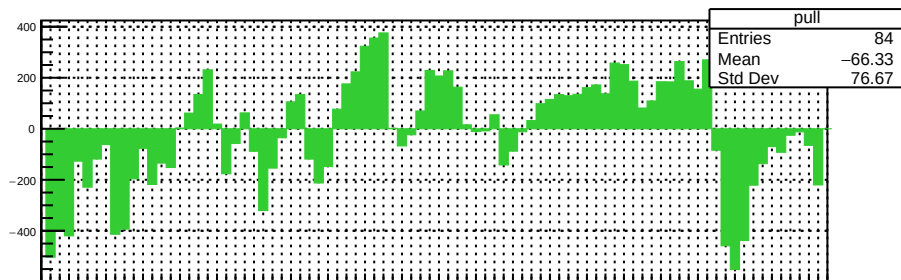
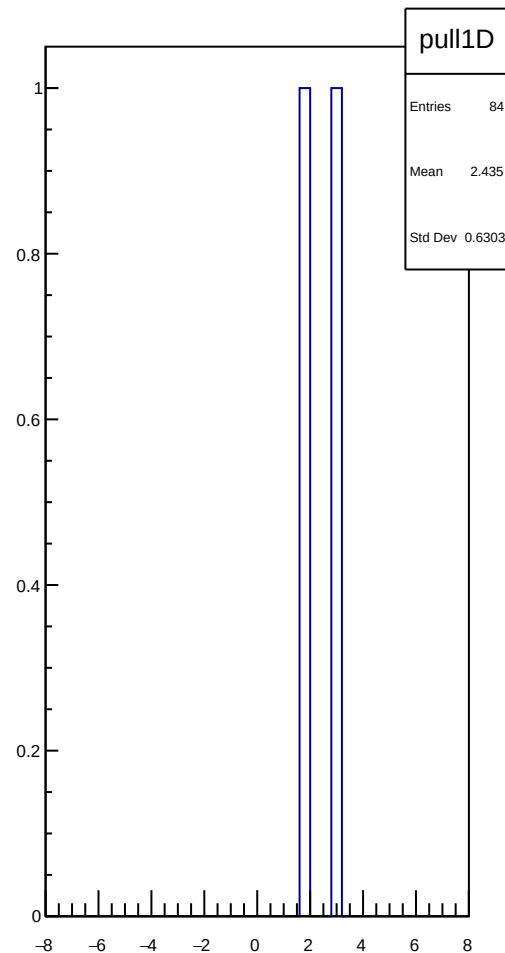
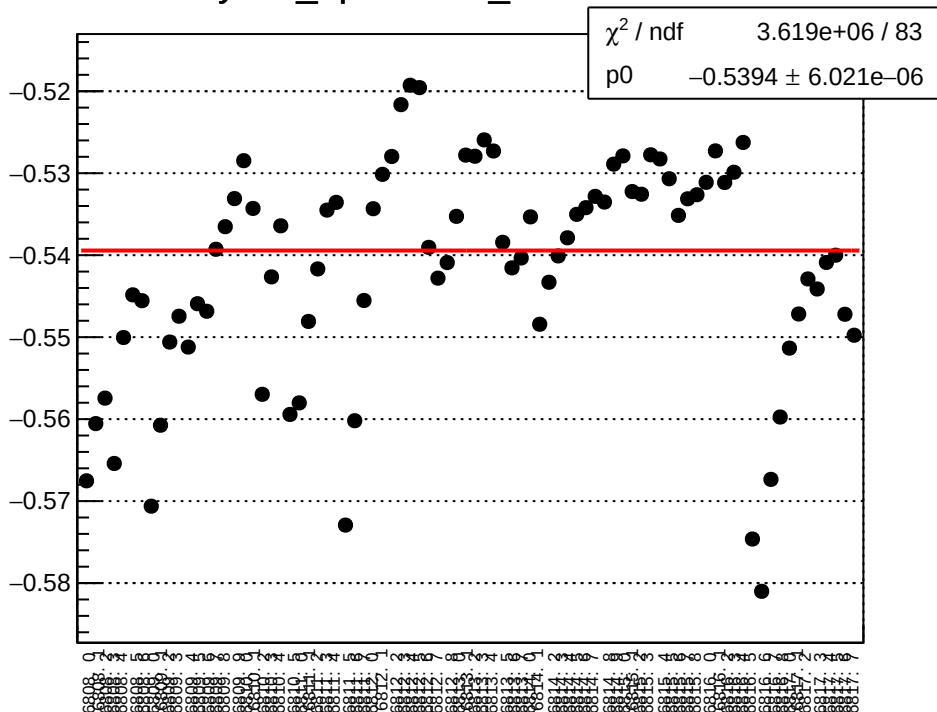
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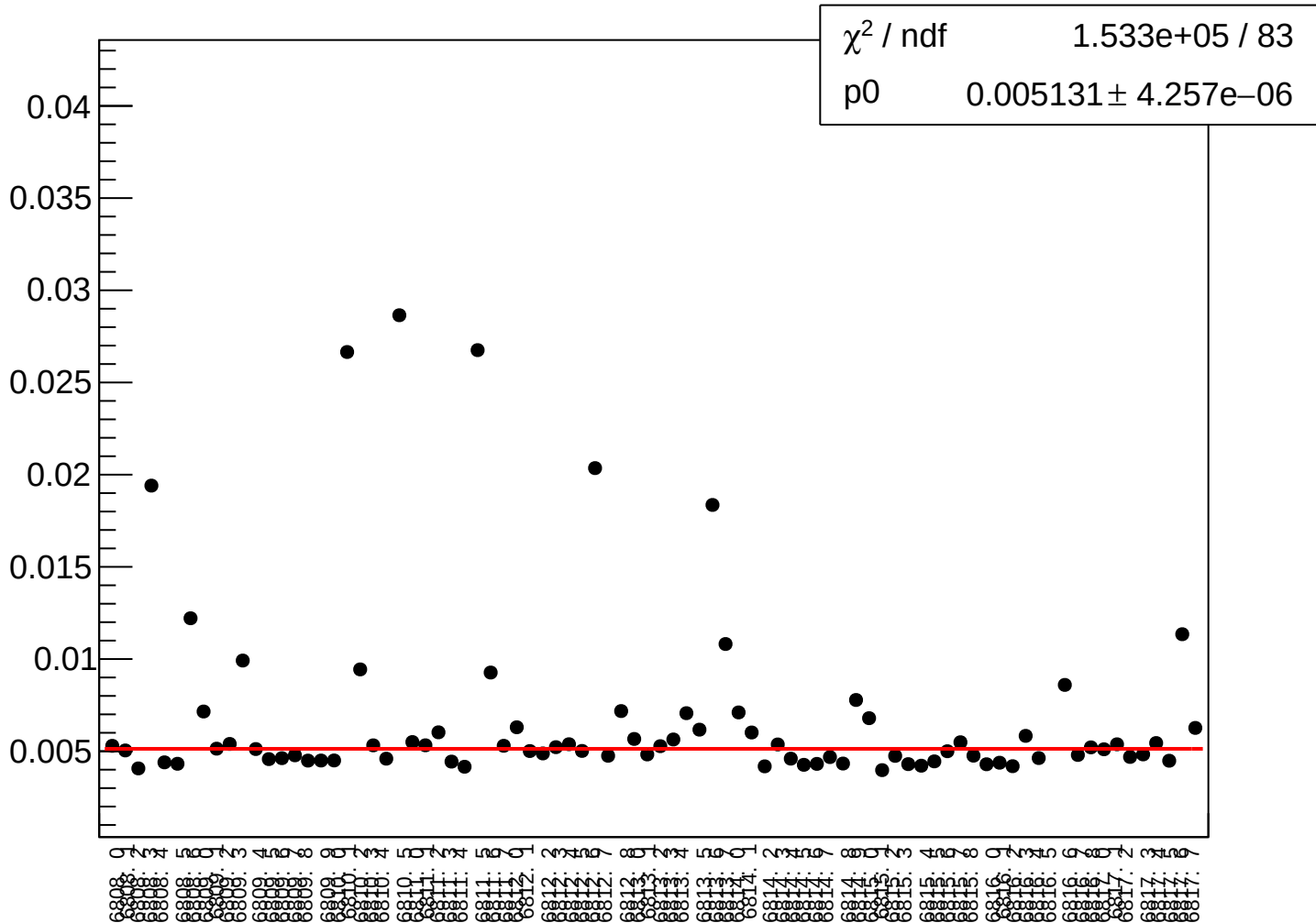
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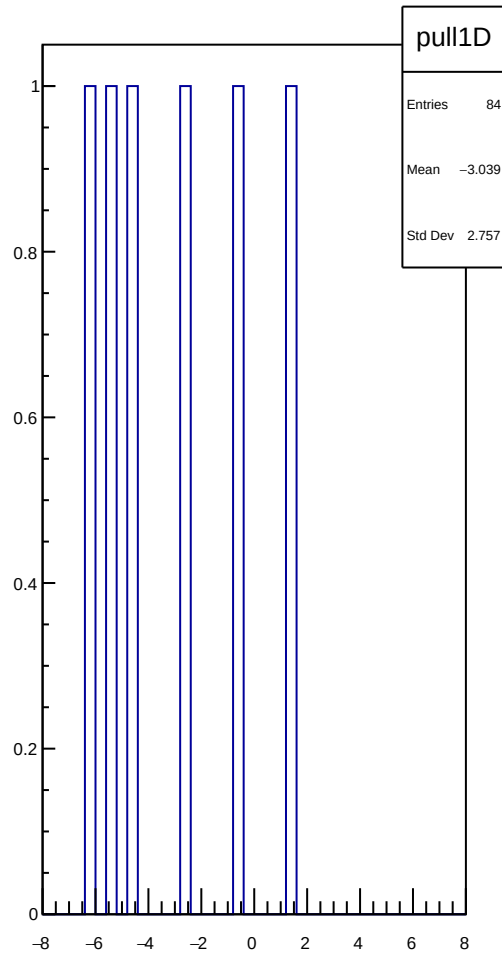
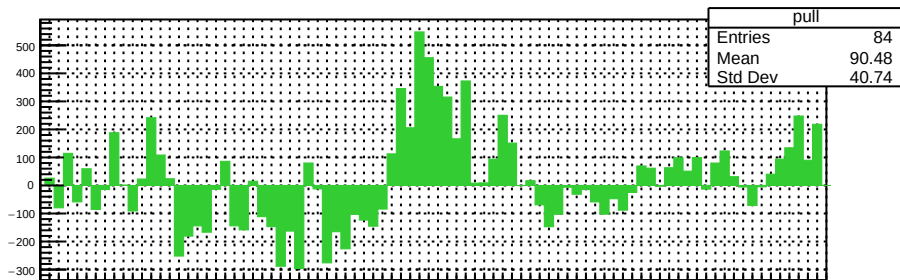
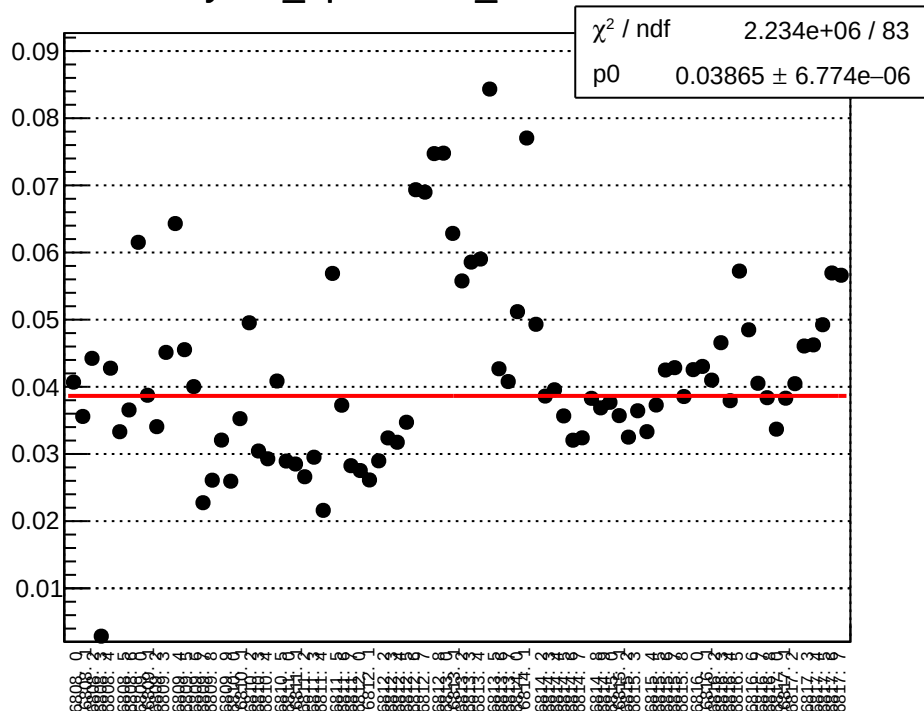
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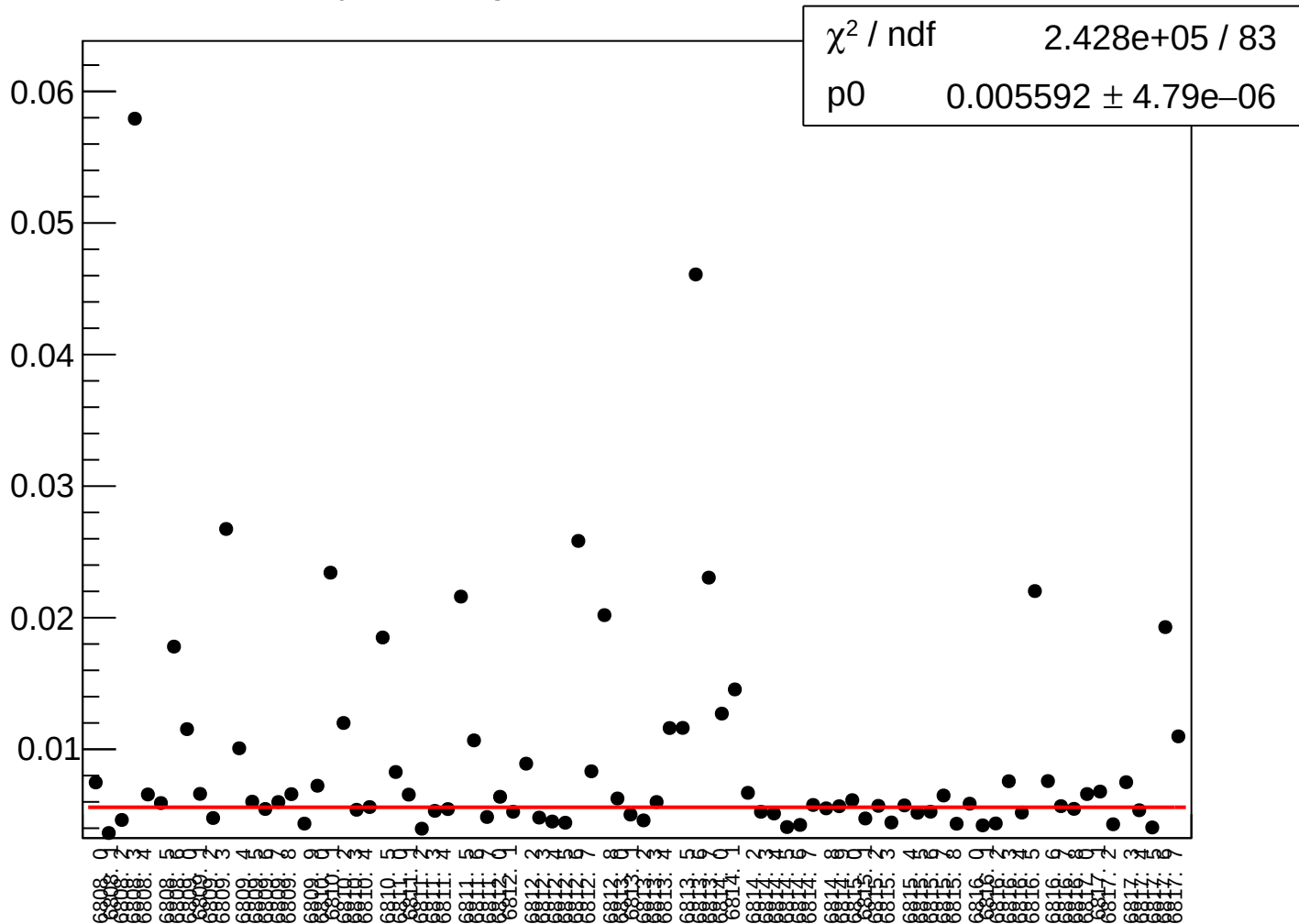
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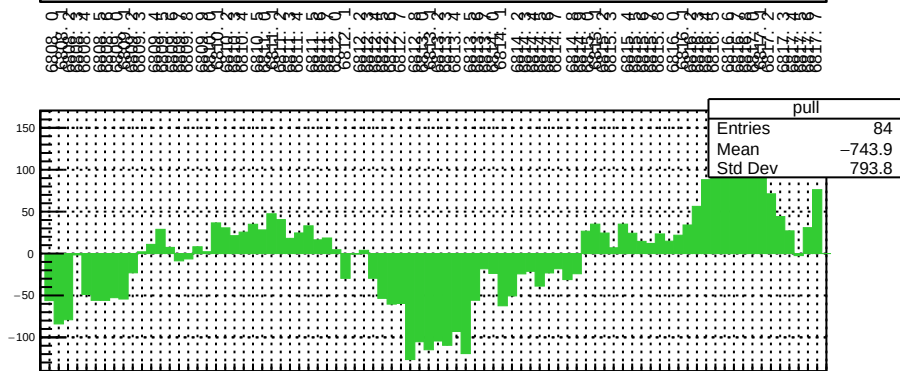
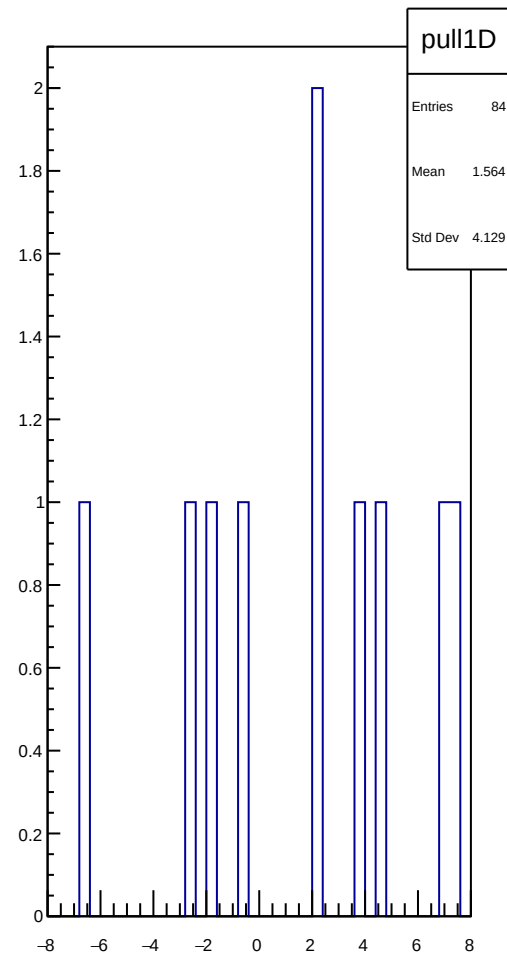
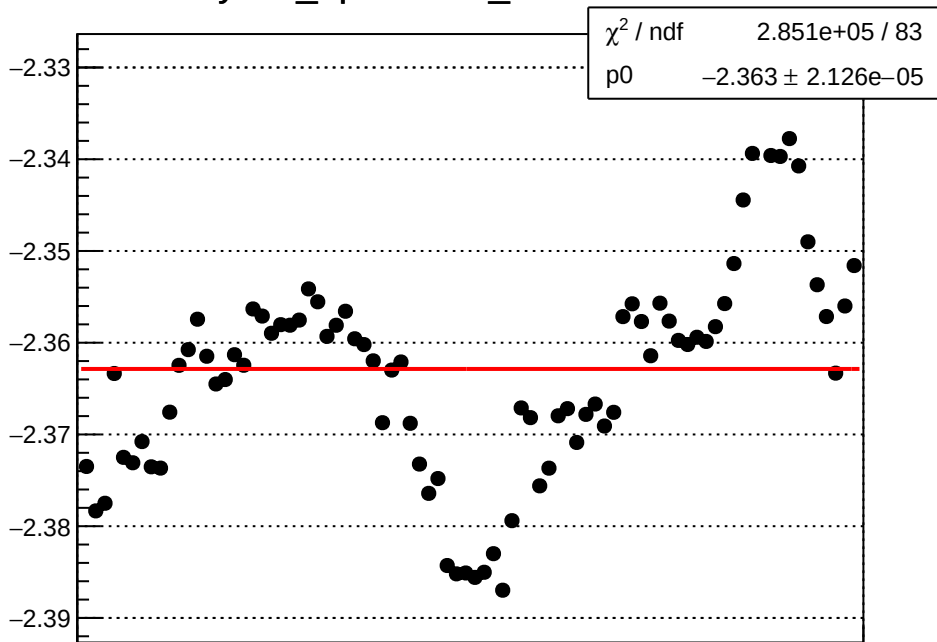
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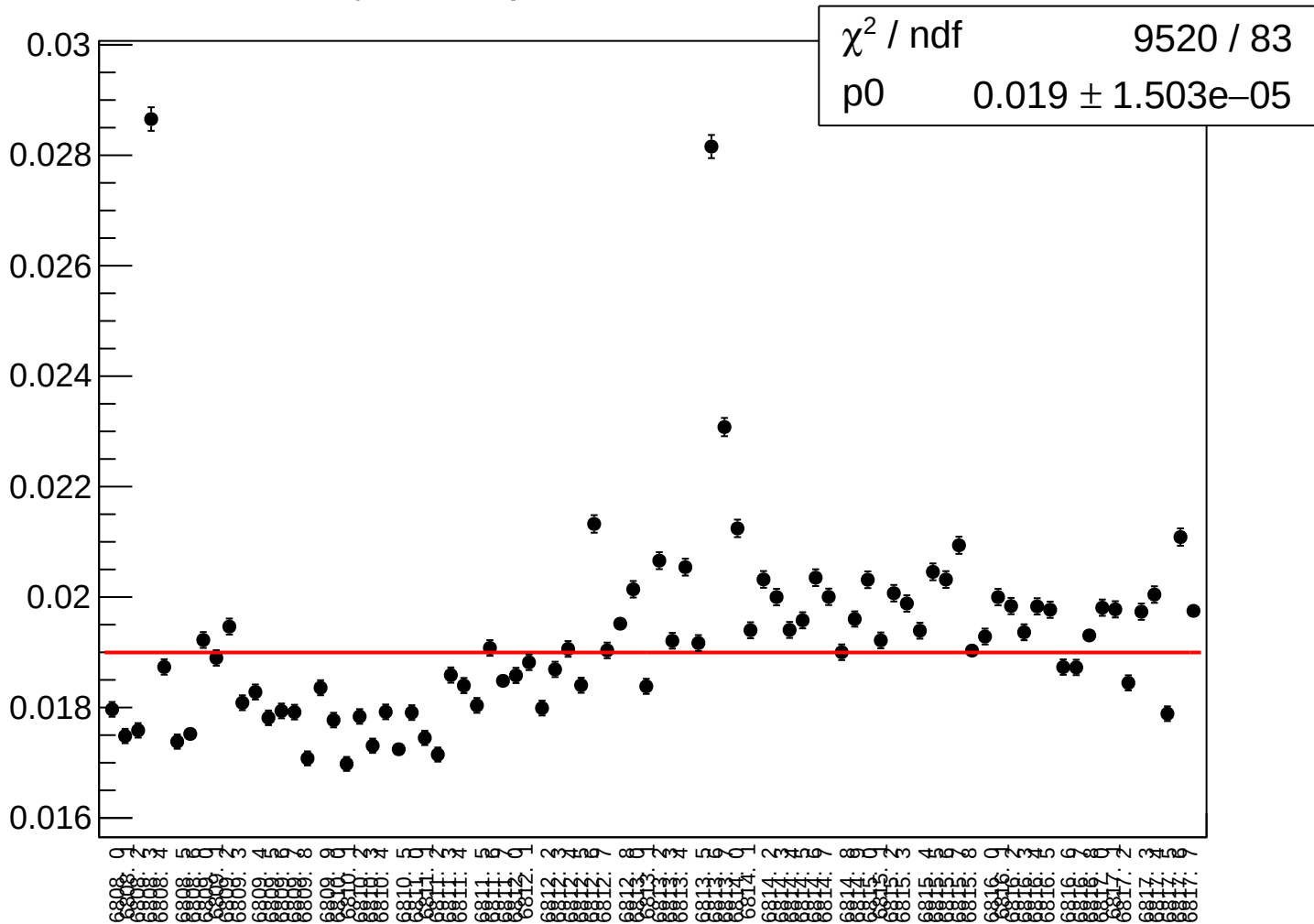
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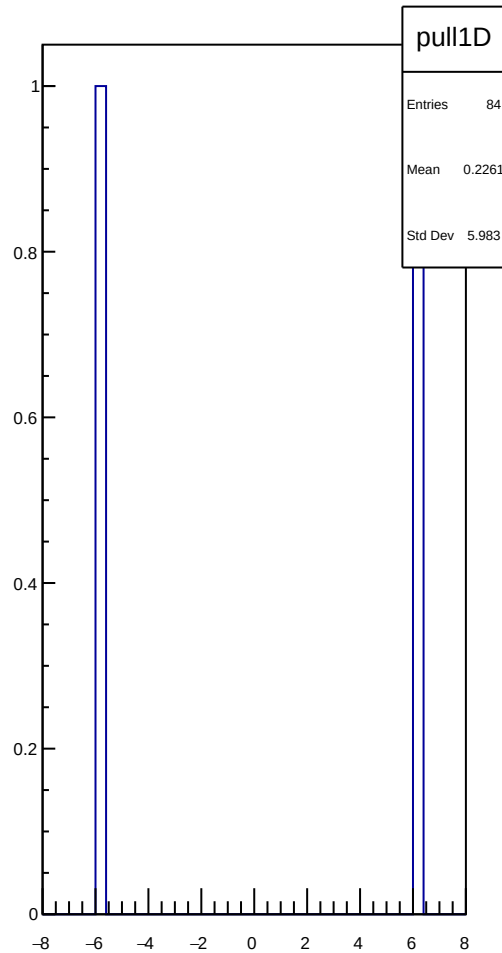
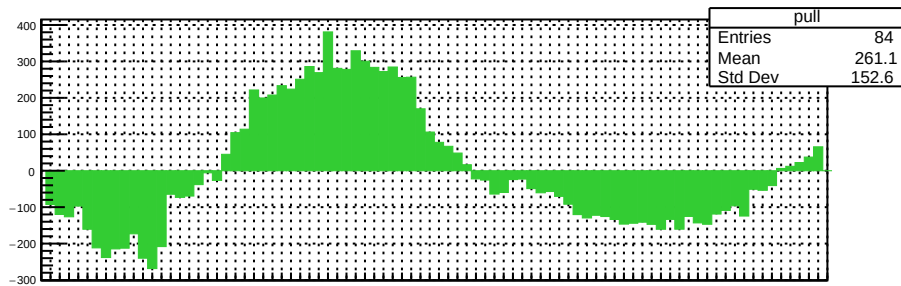
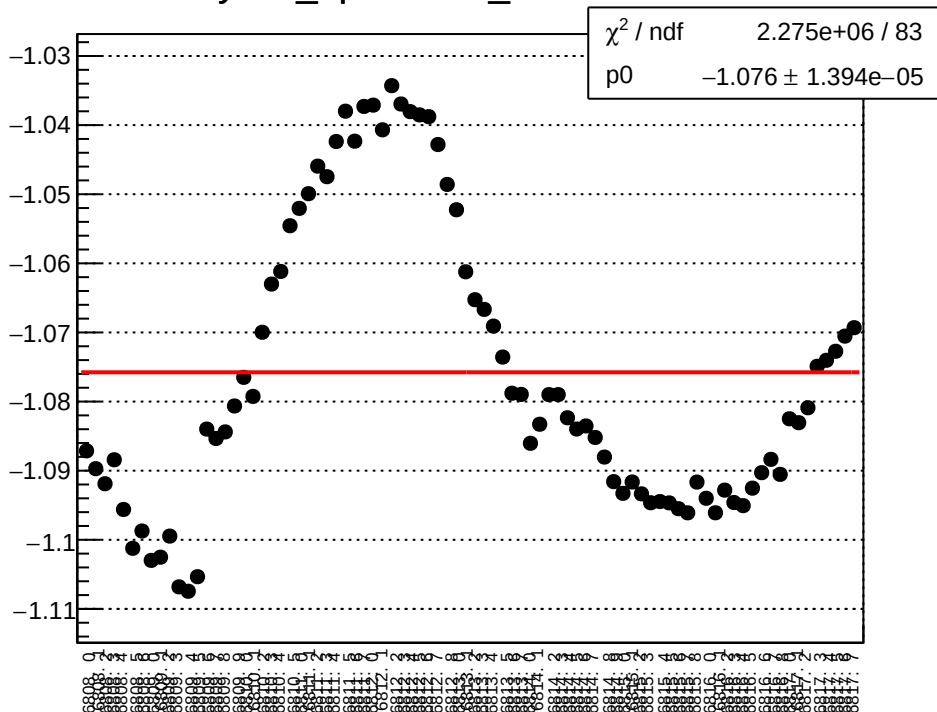
yield_bpm1i02X_mean vs run



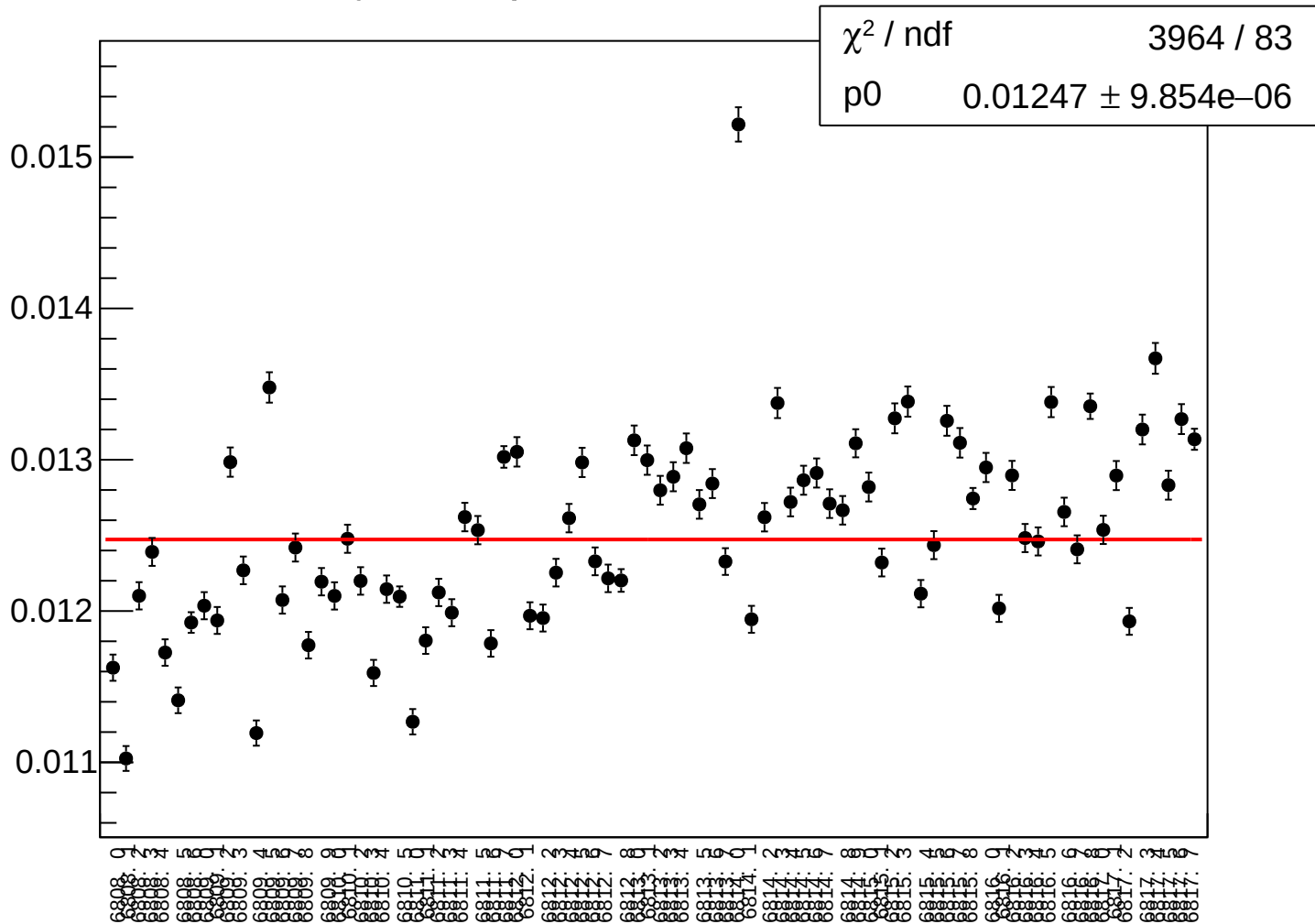
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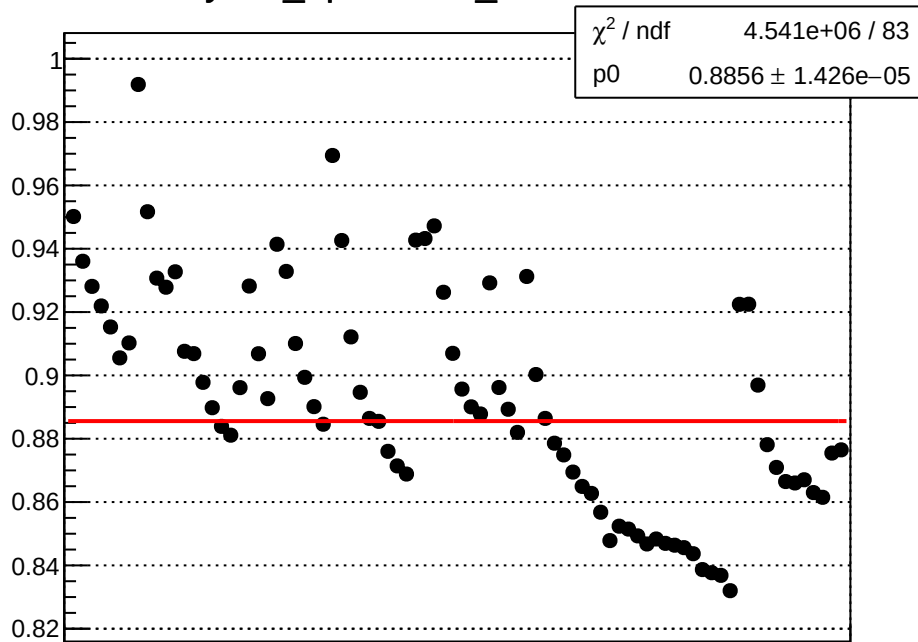
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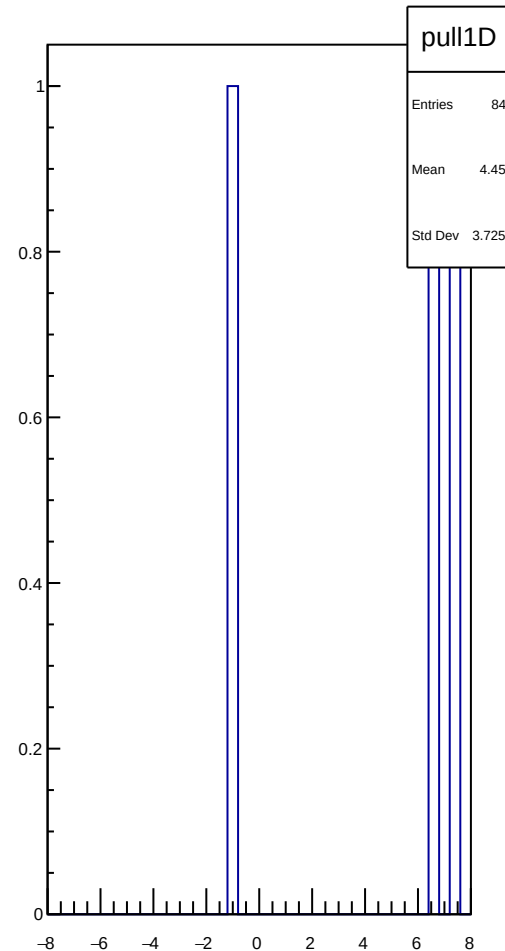
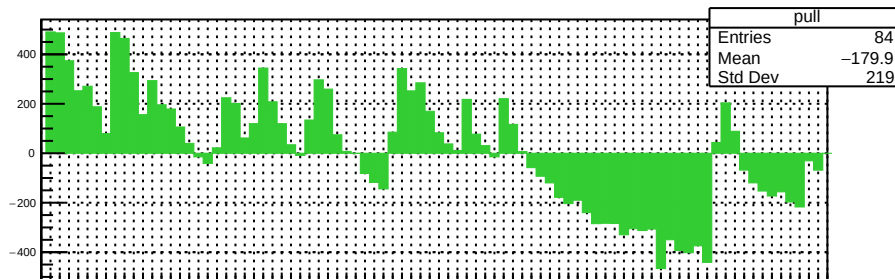
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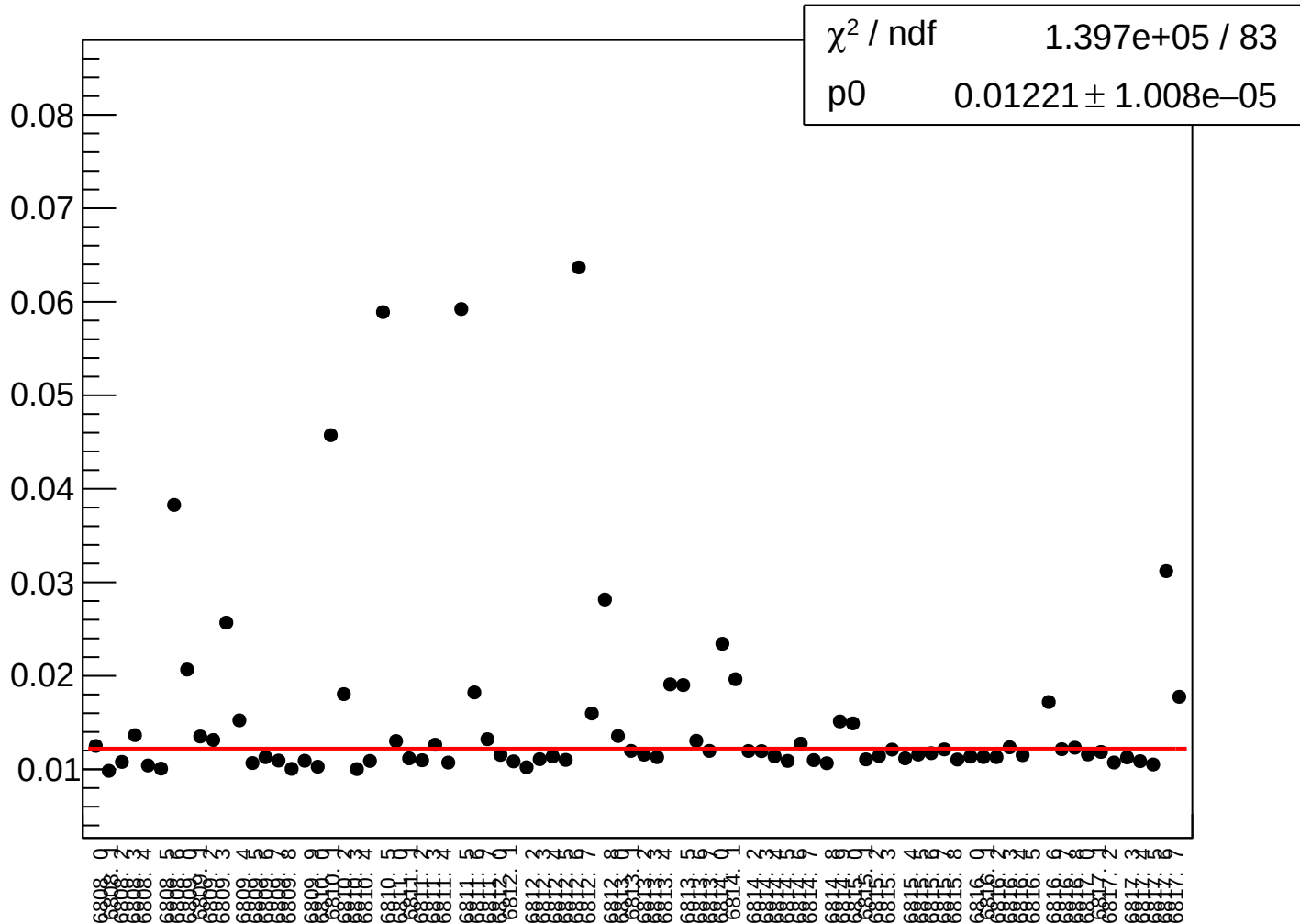
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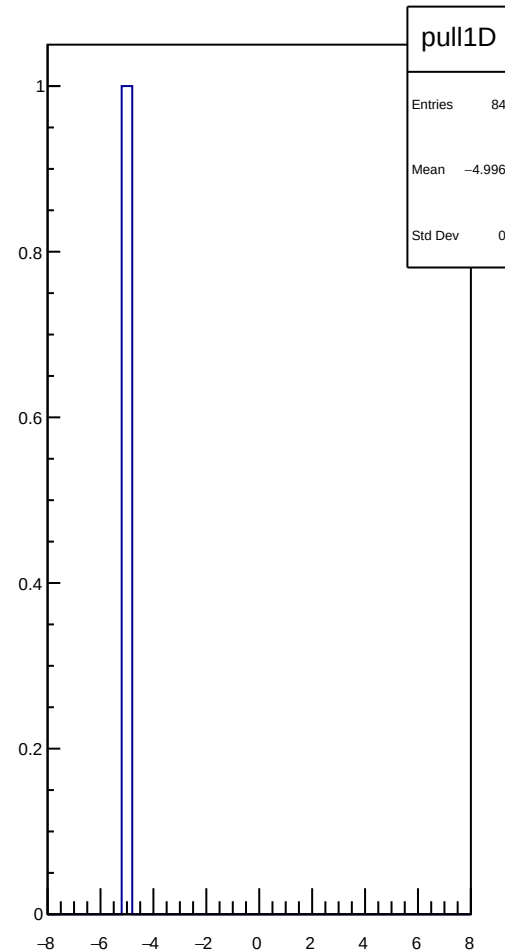
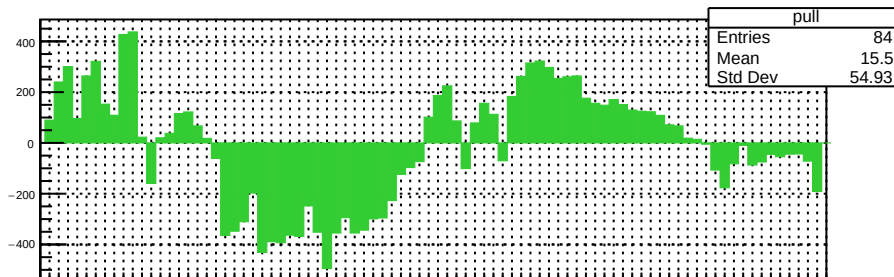
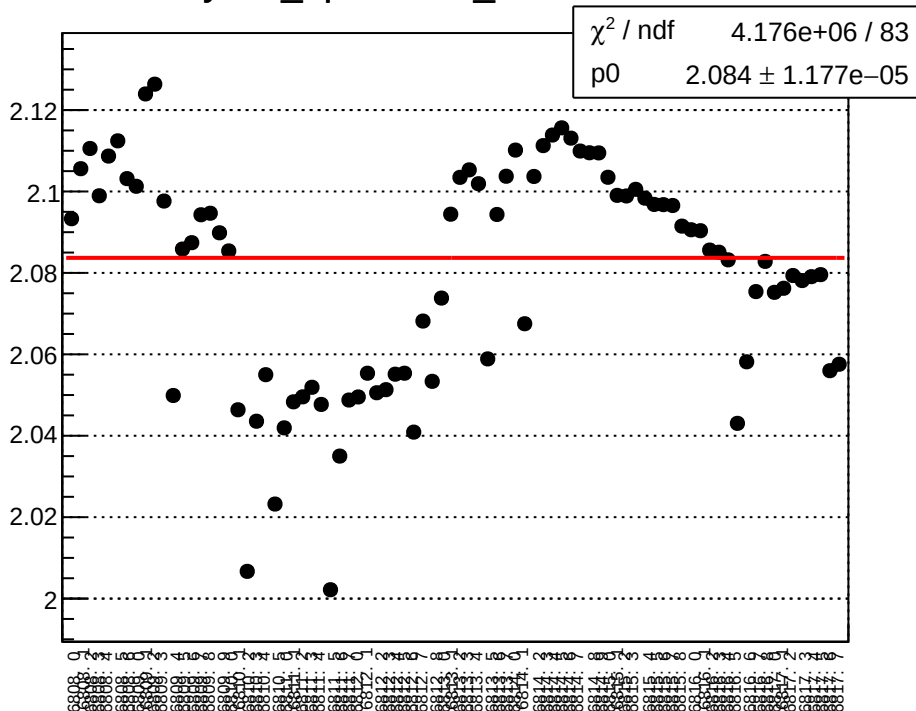
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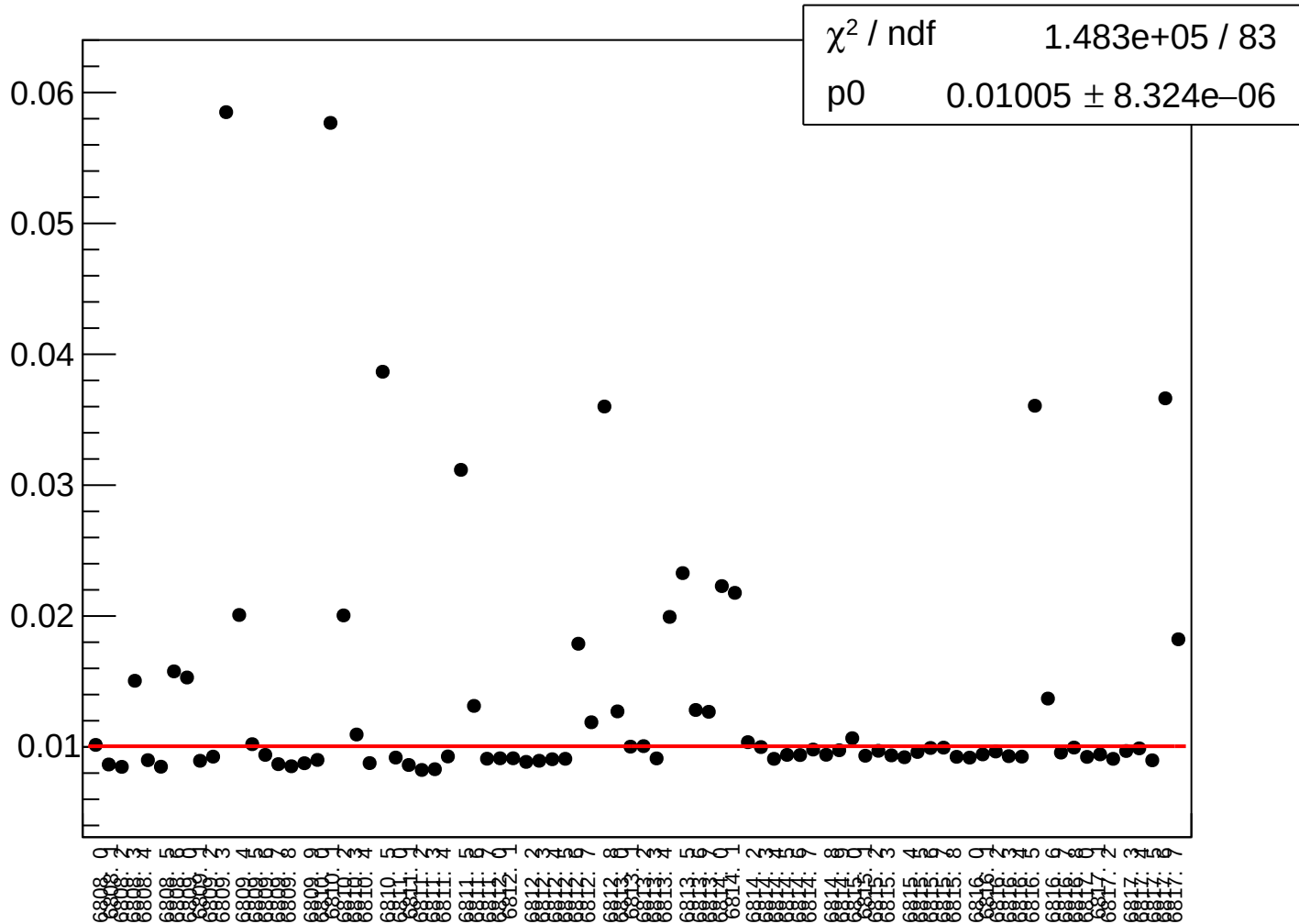
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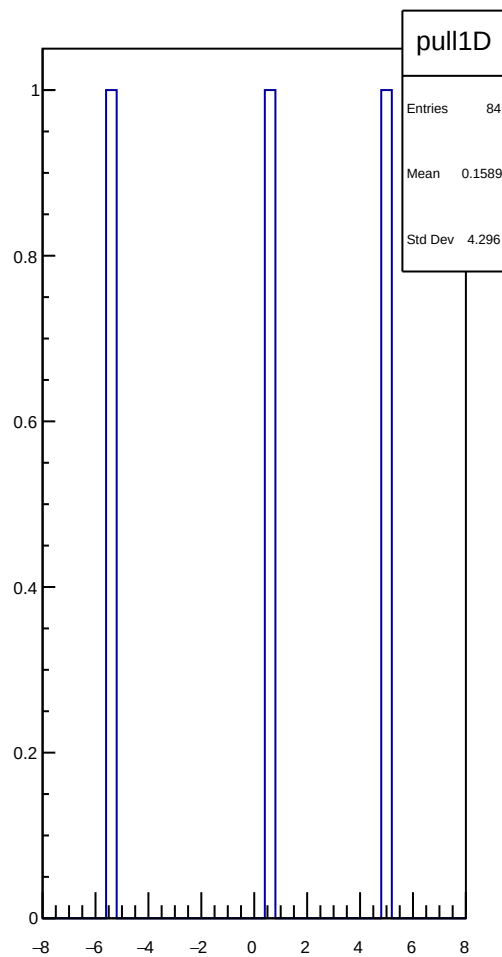
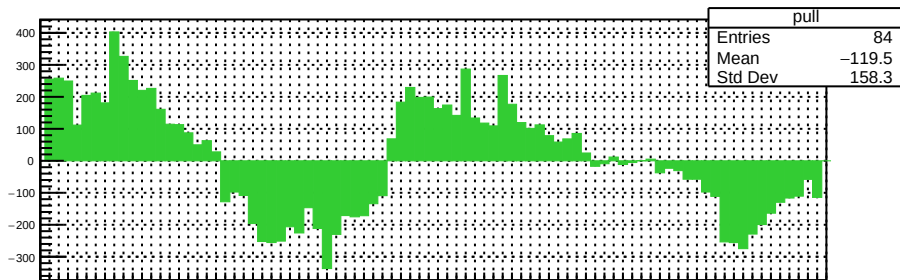
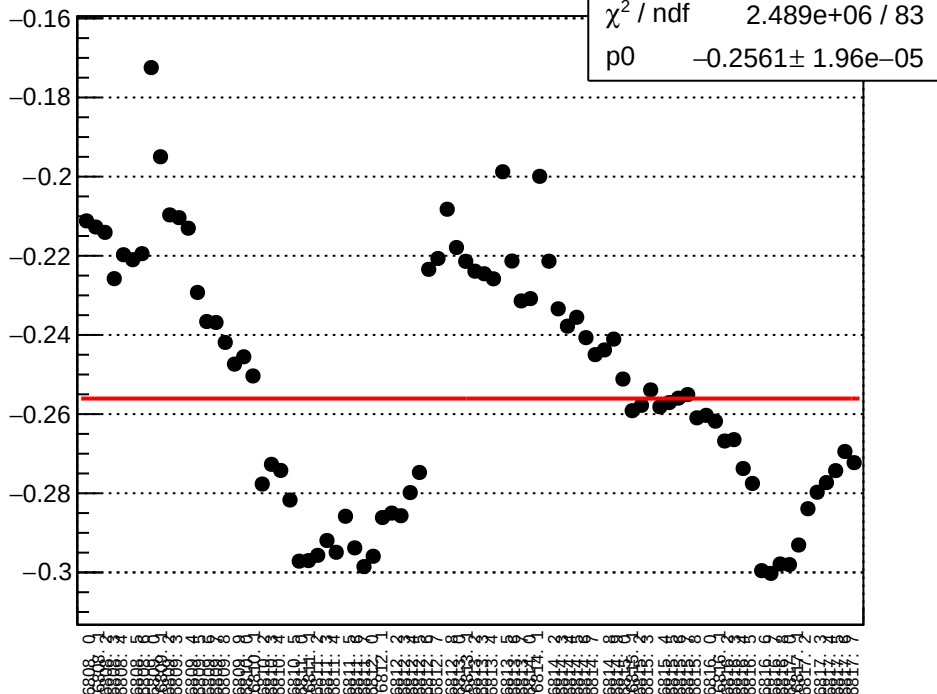
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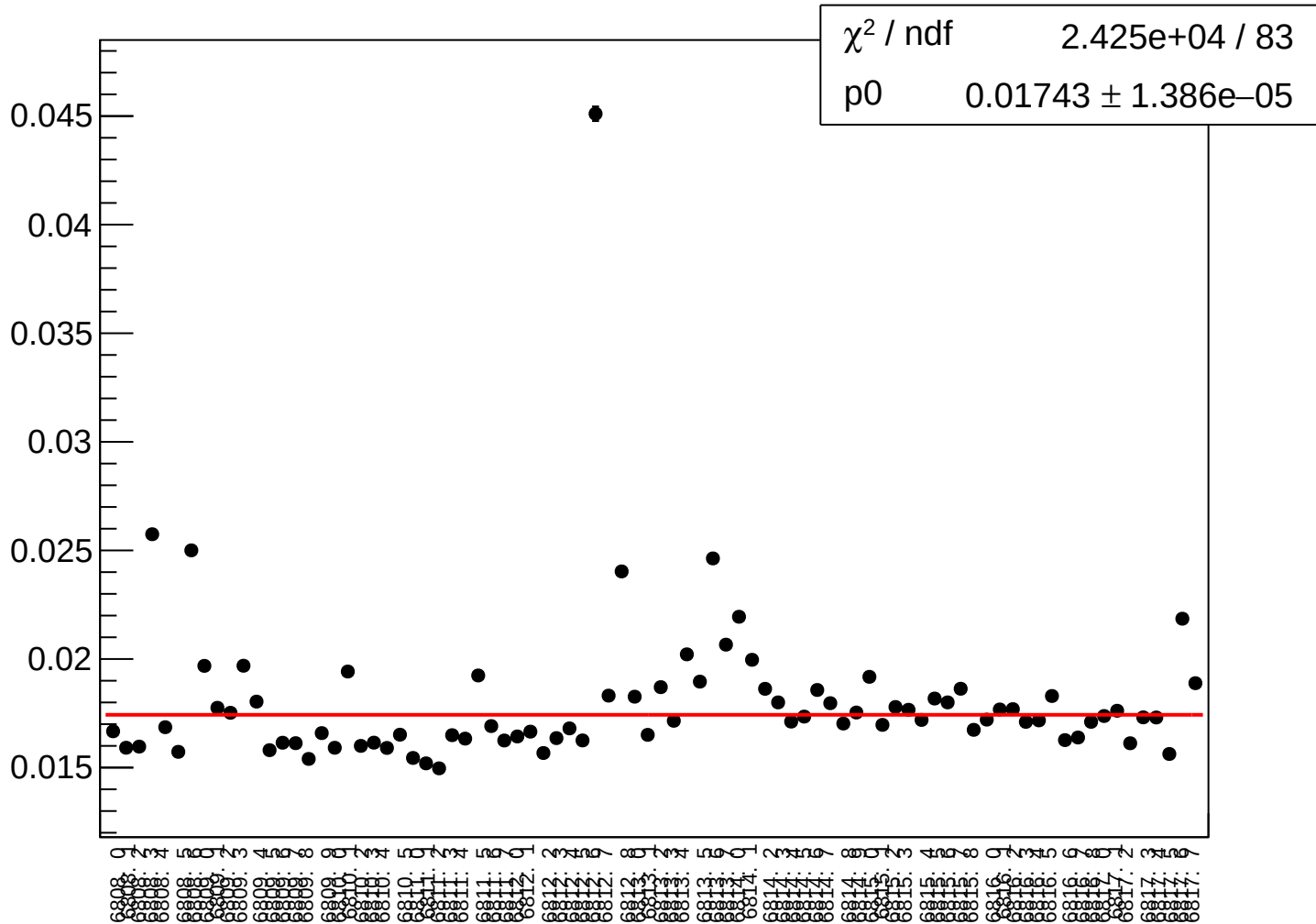
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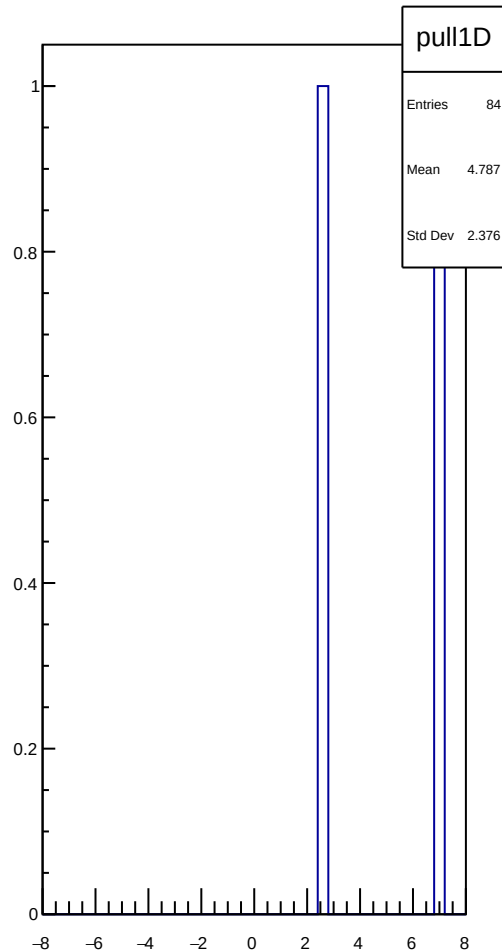
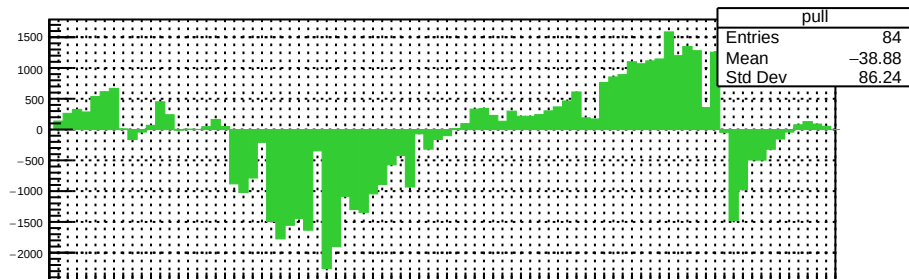
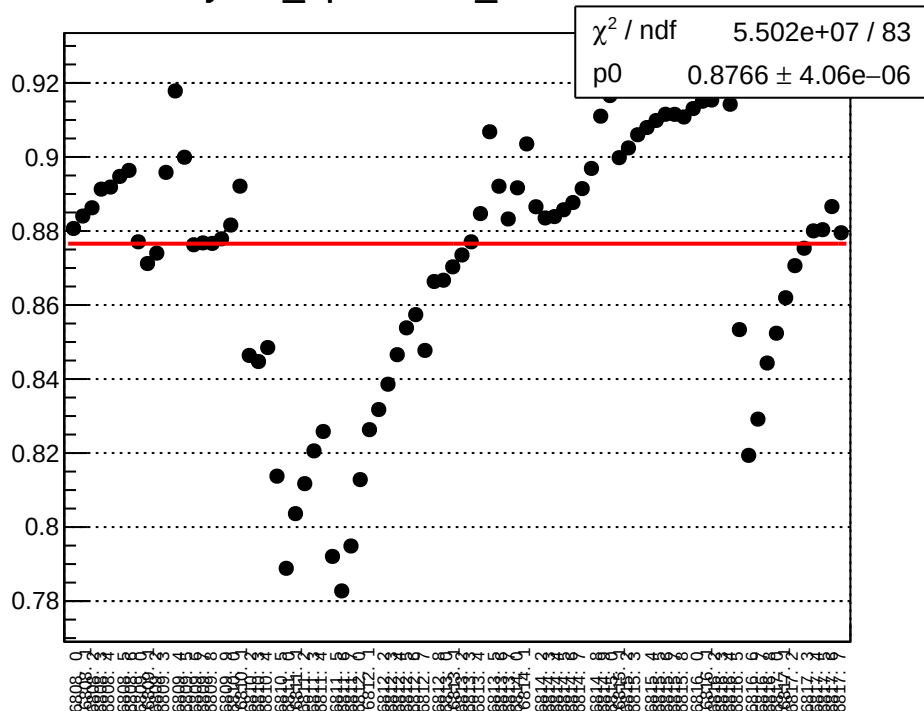
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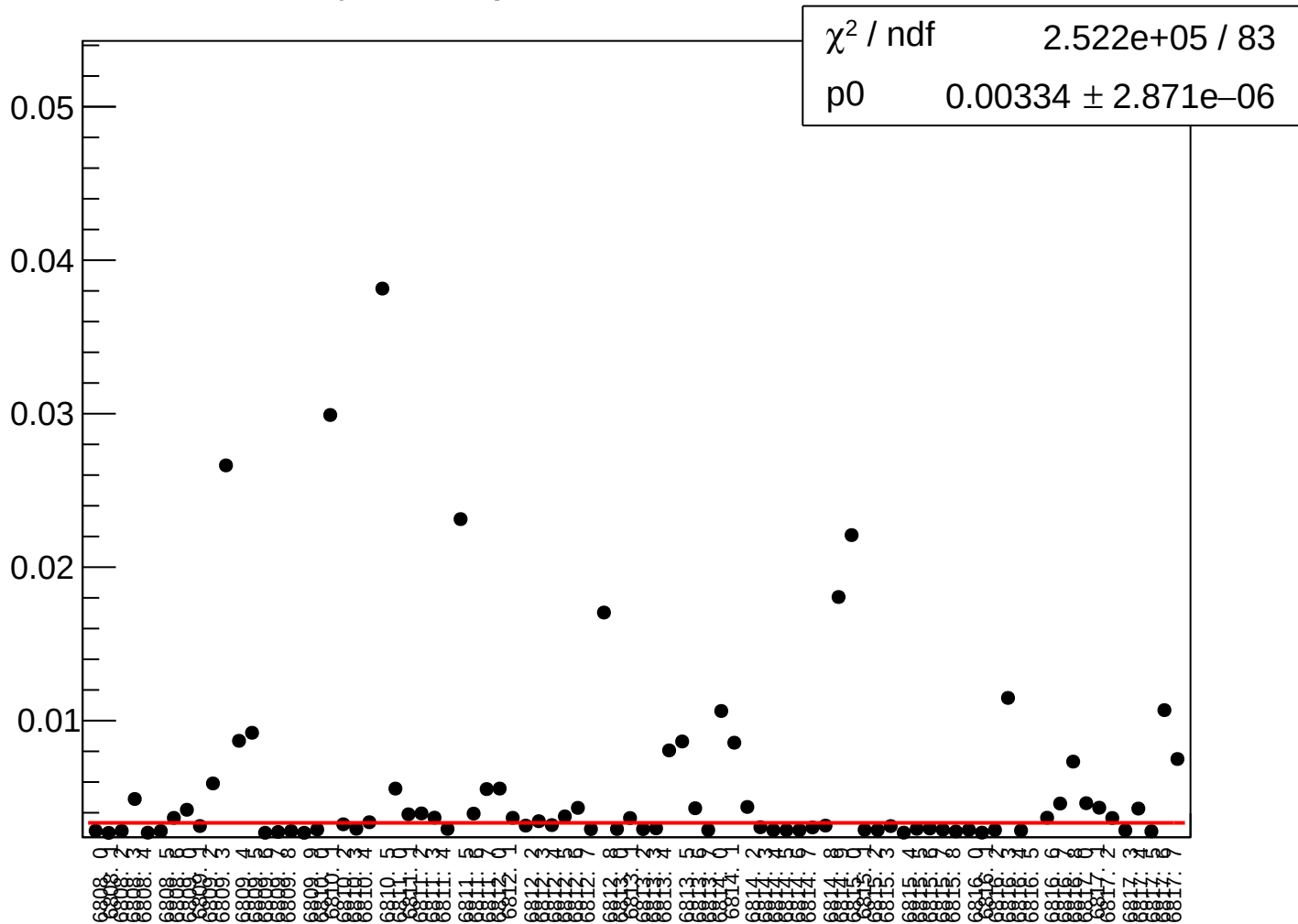
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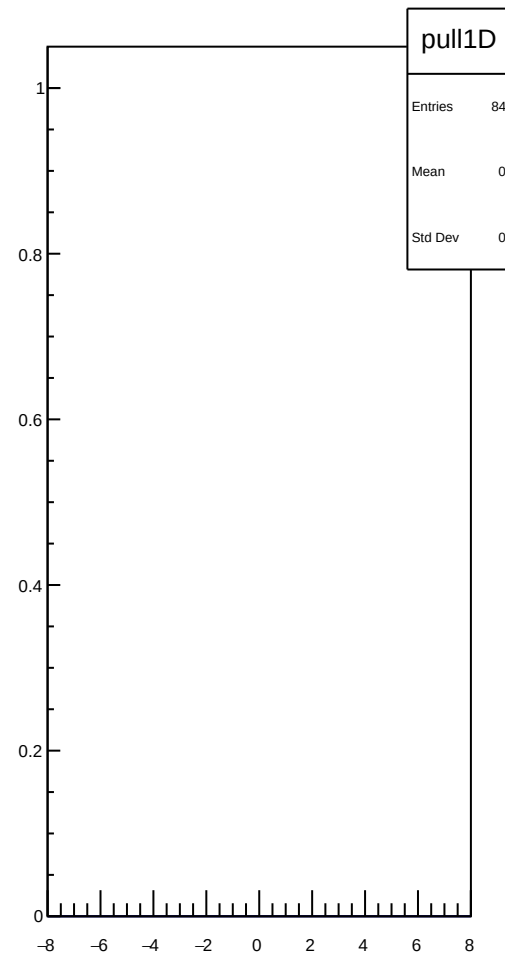
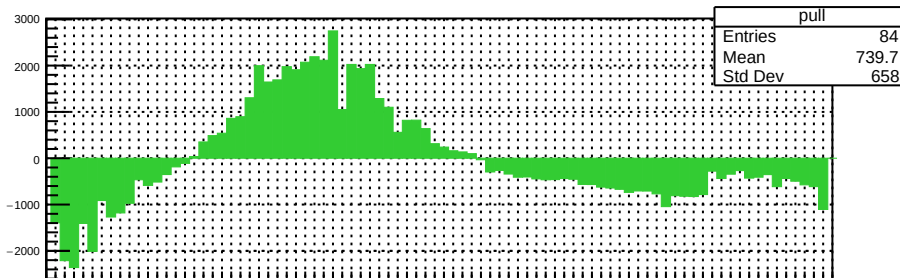
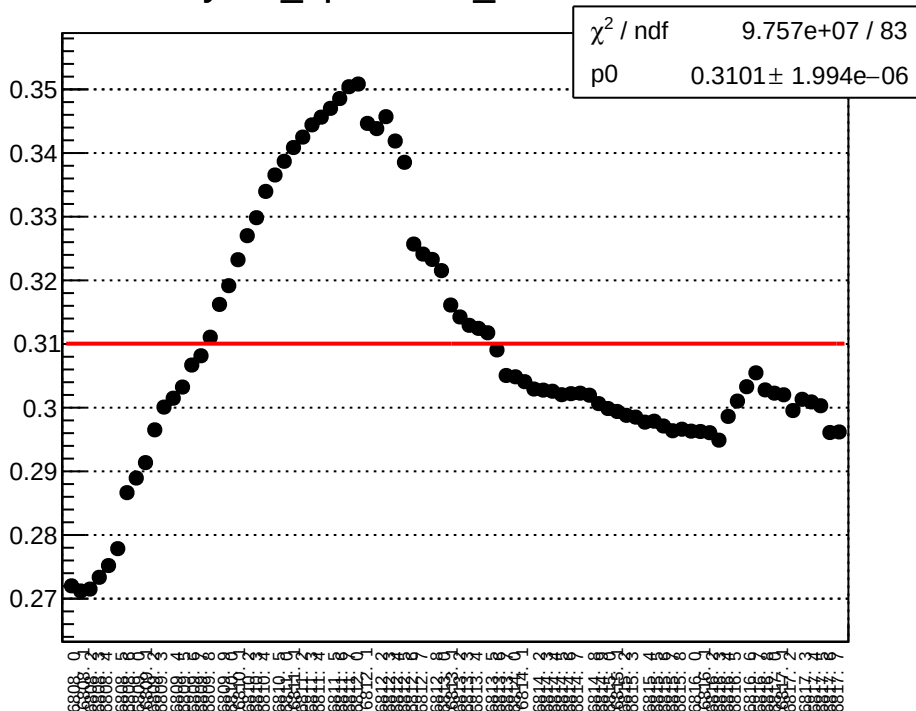
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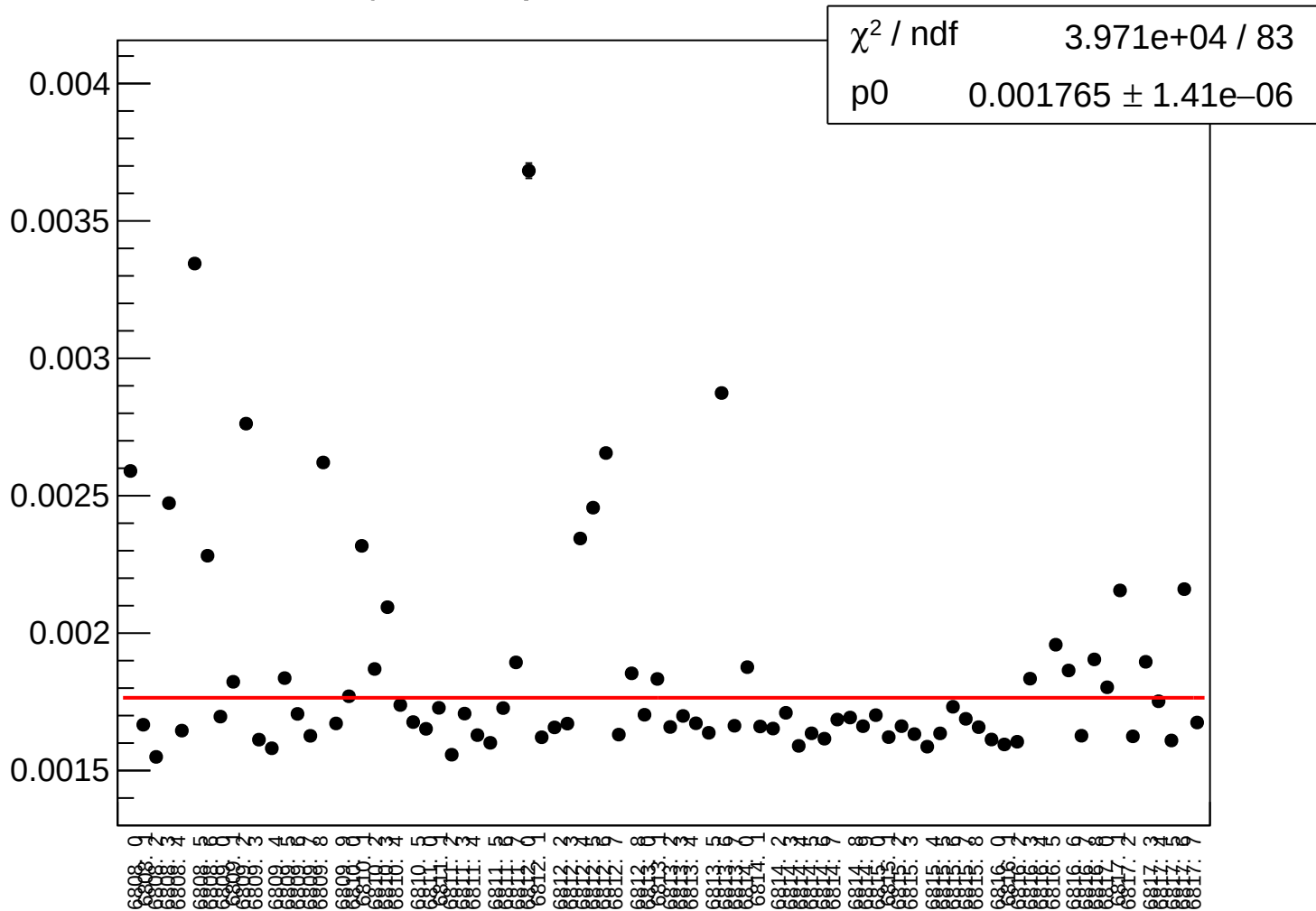
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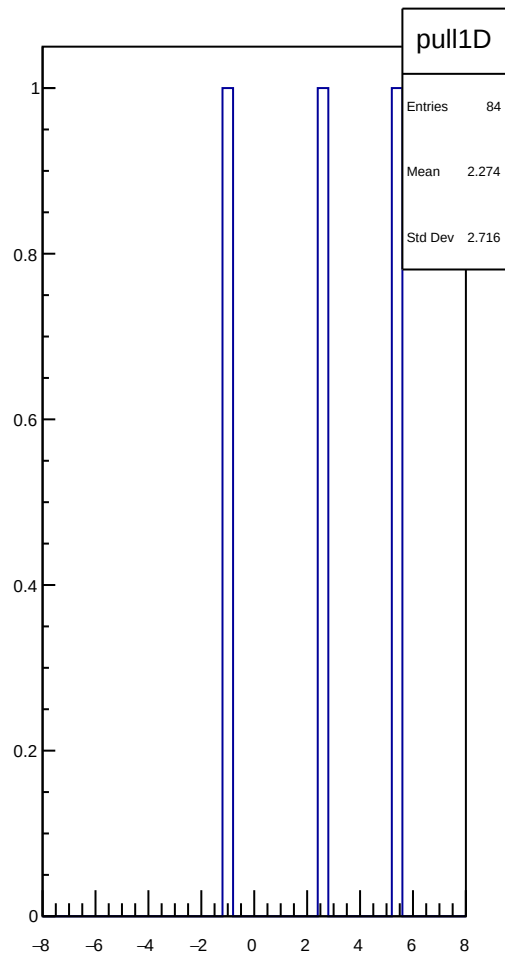
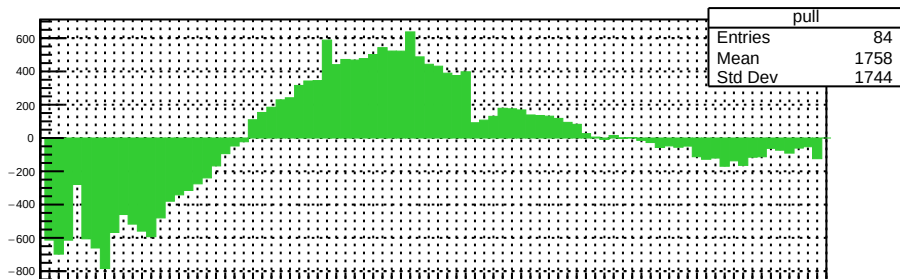
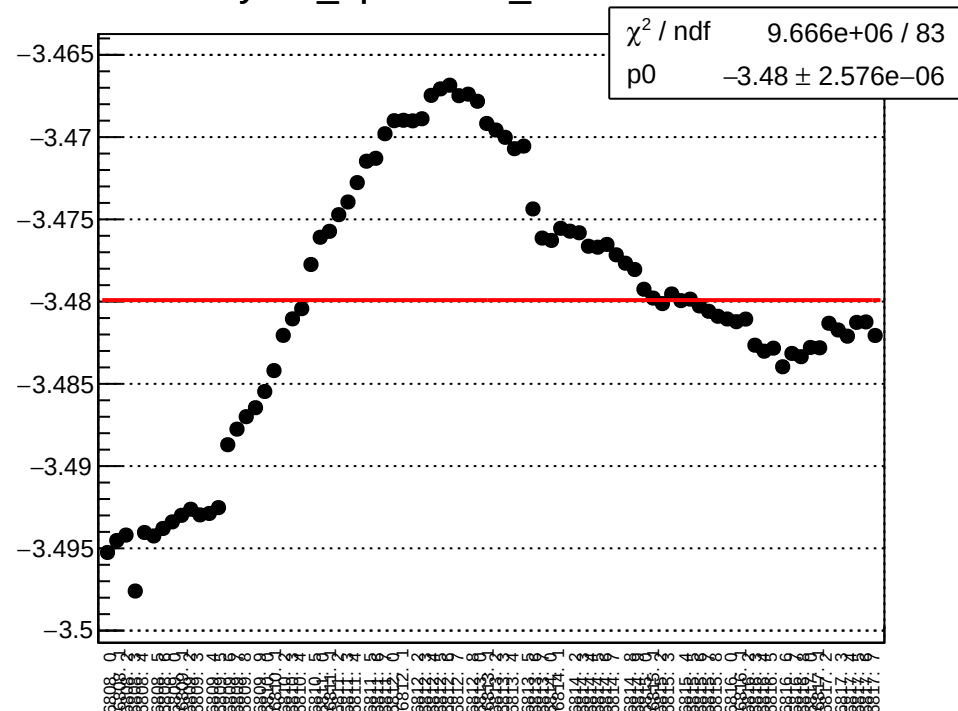
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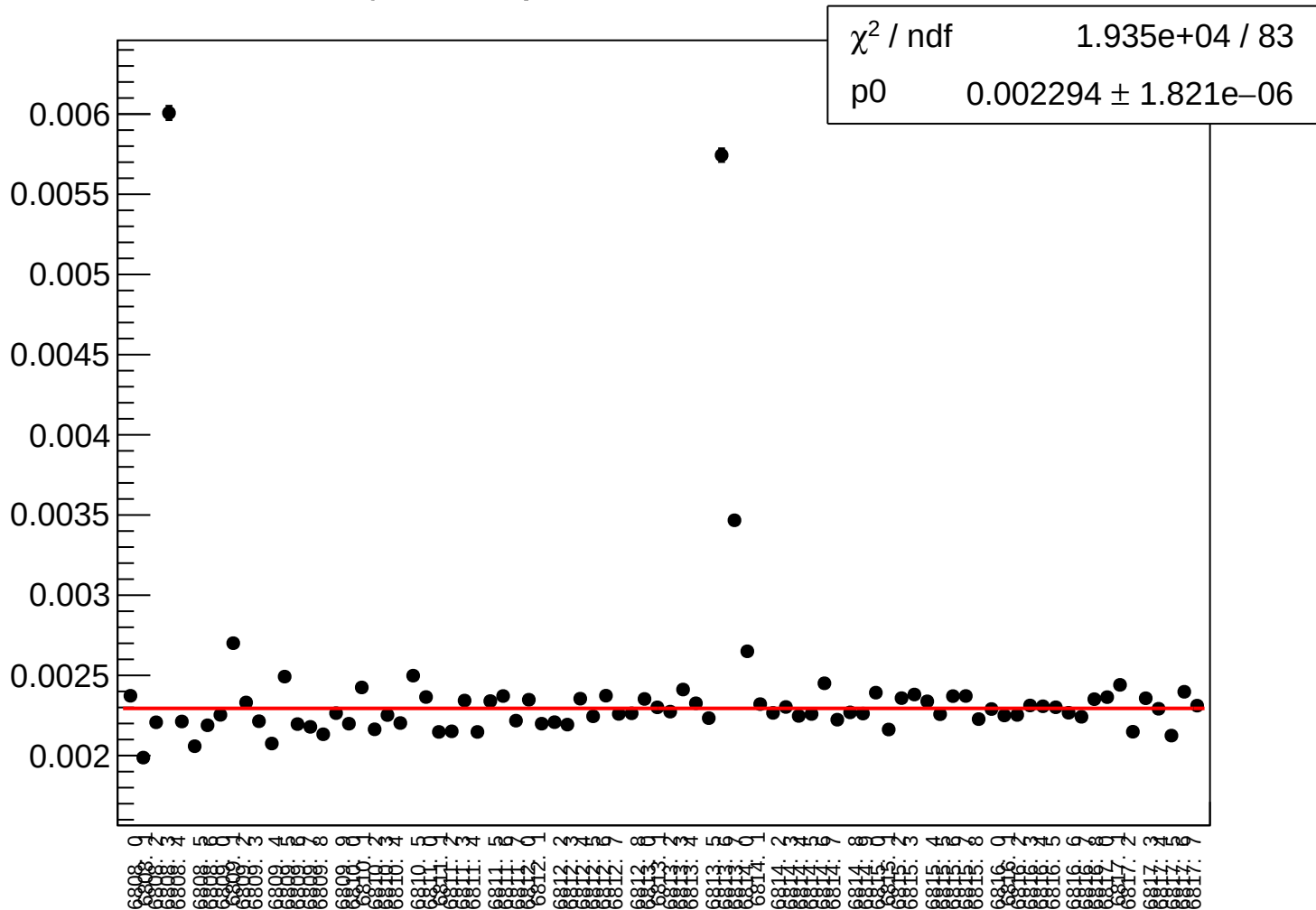
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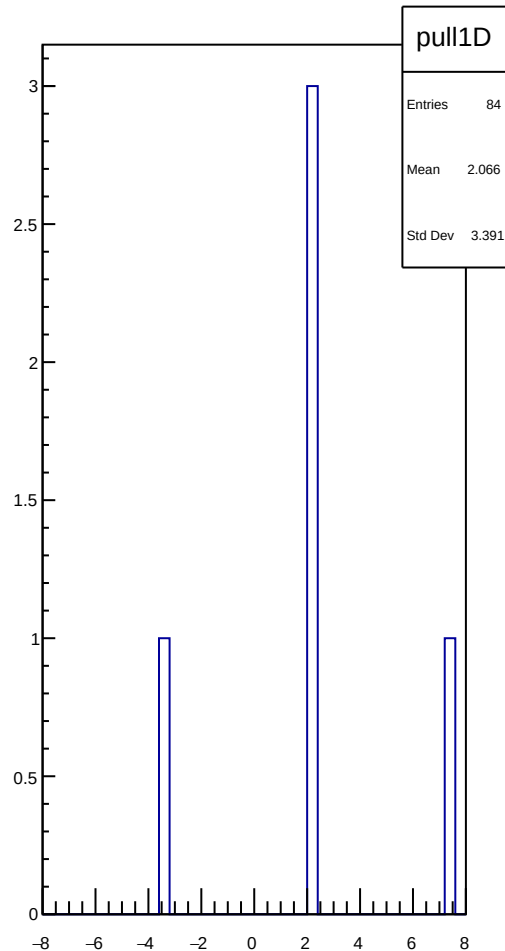
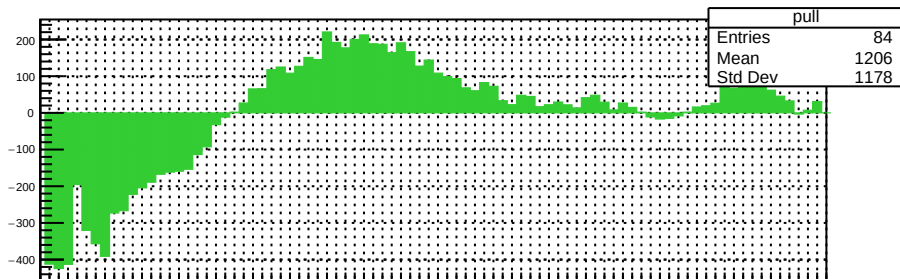
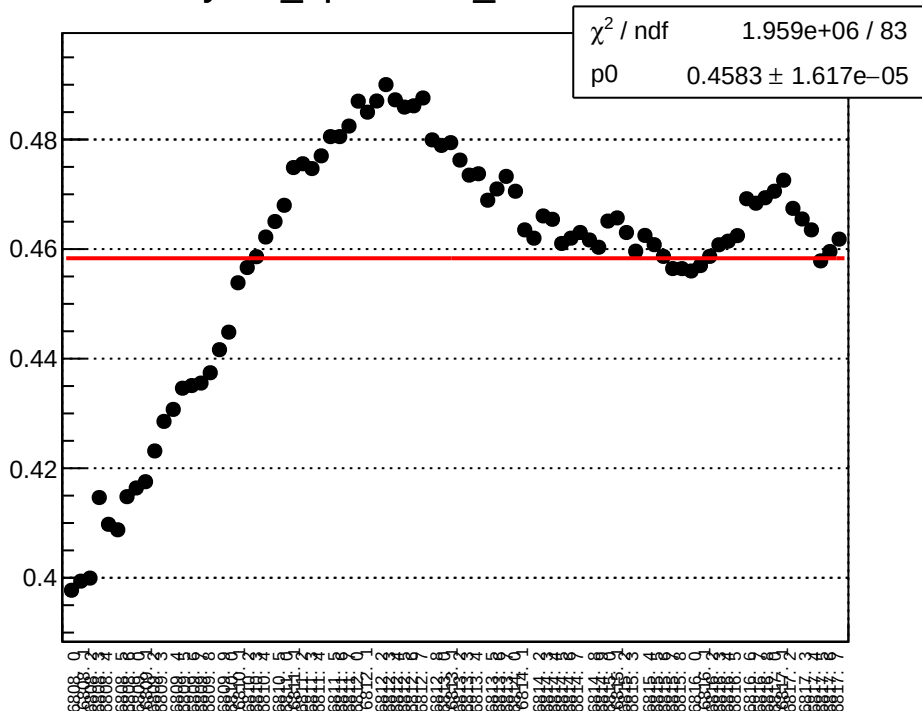
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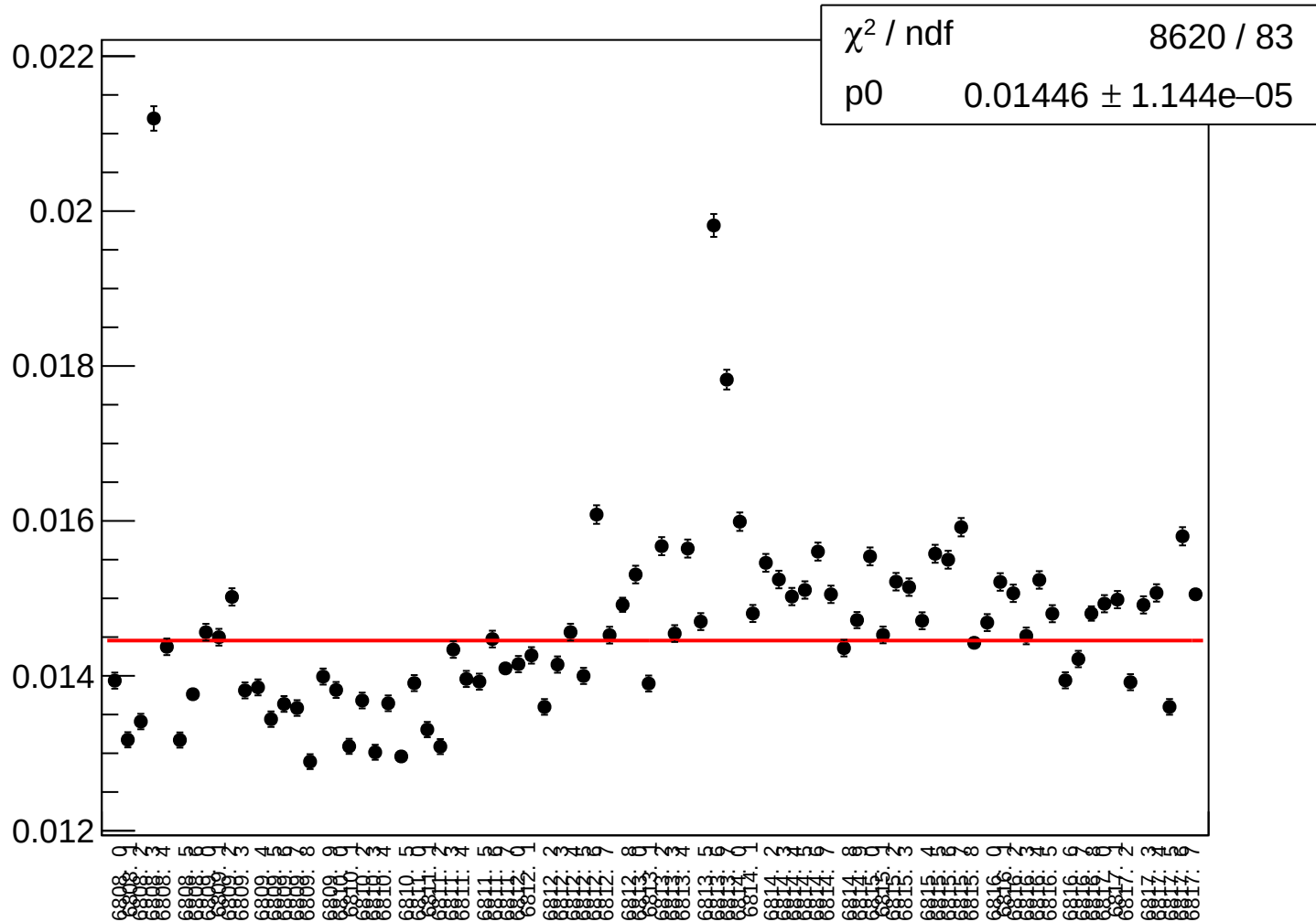
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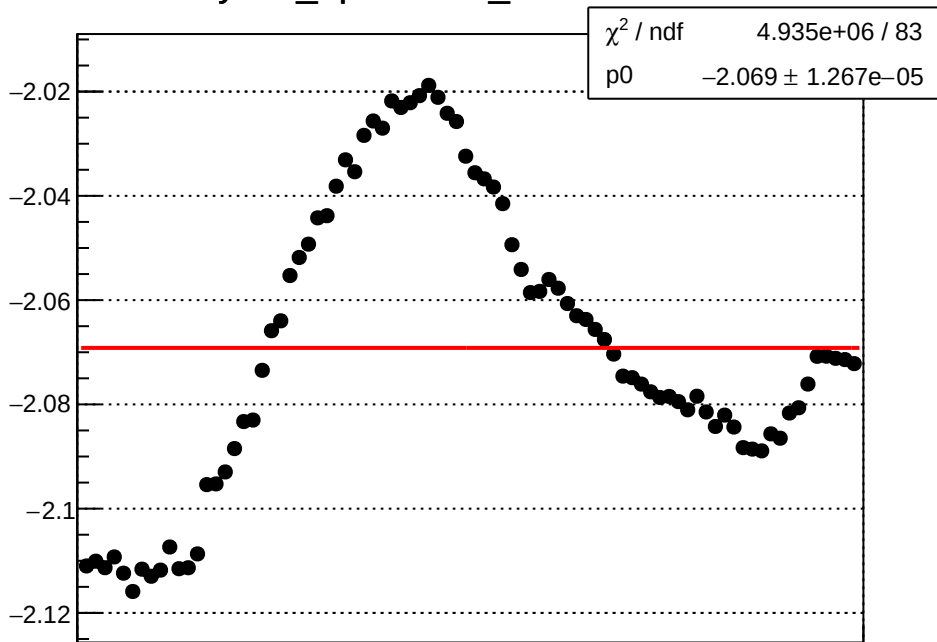
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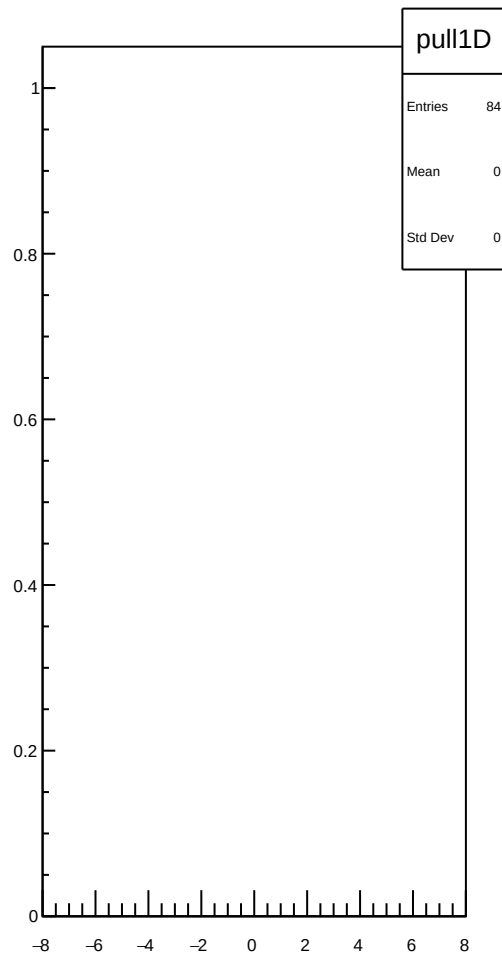
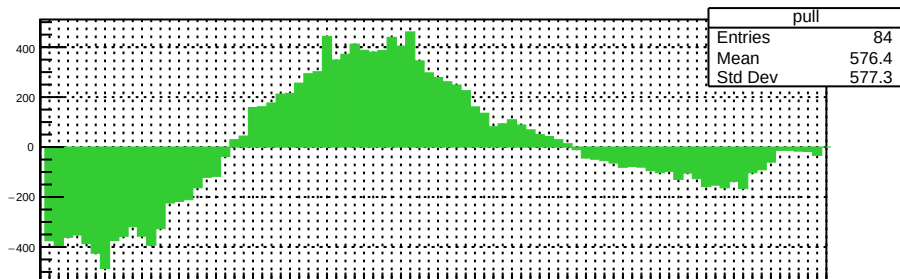
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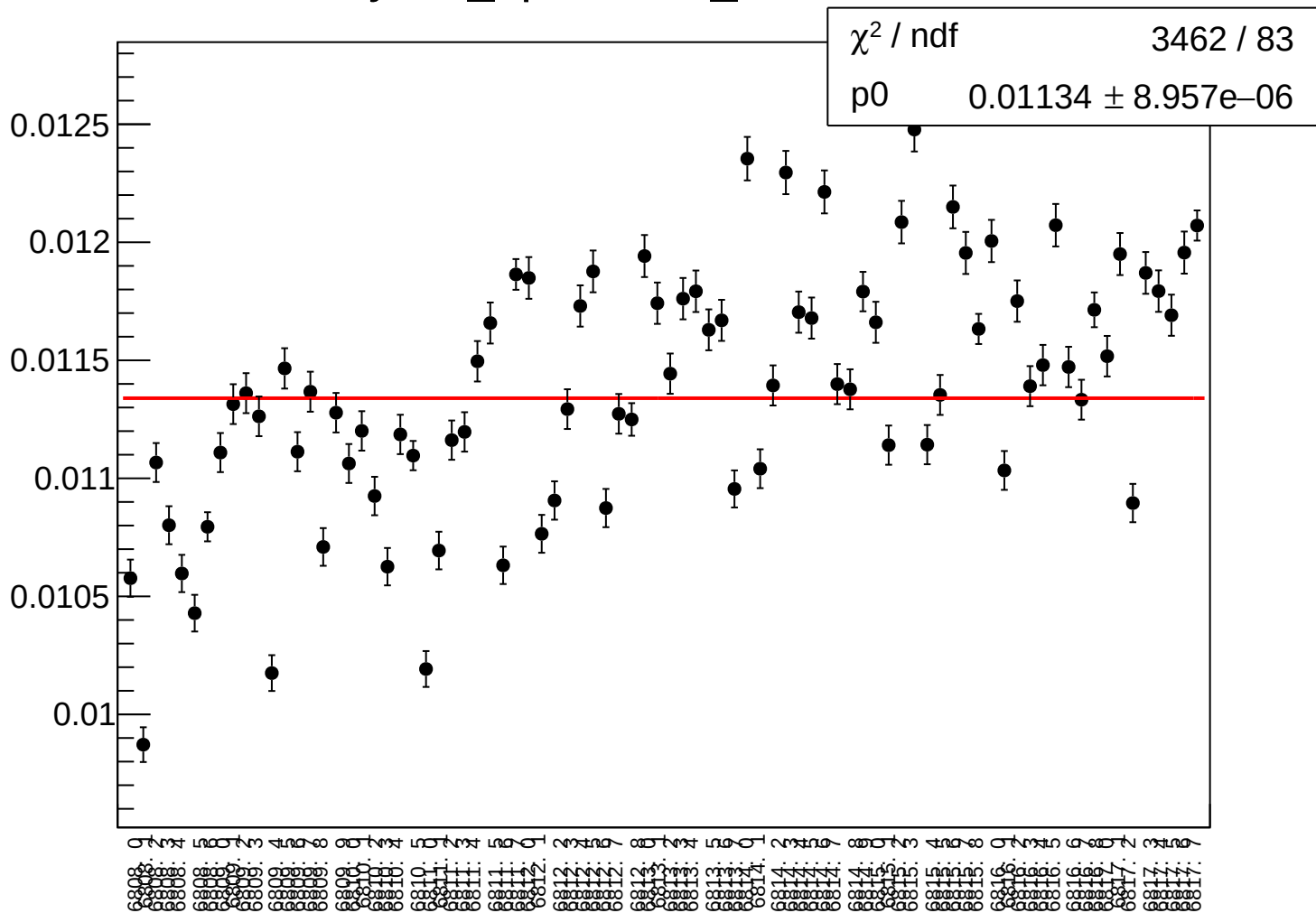
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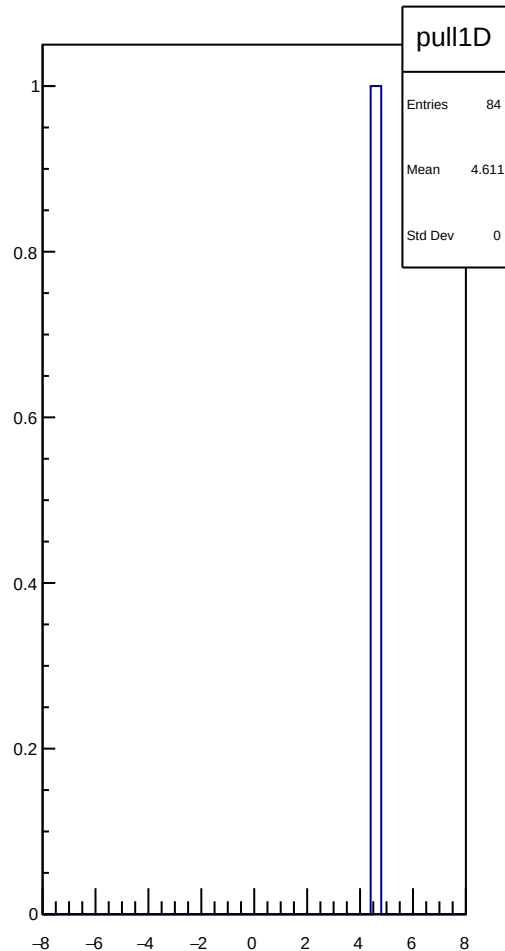
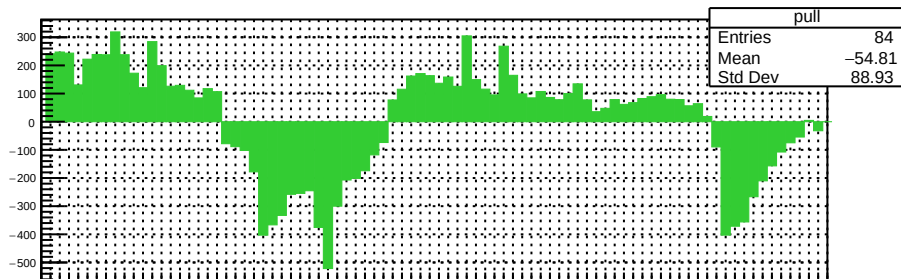
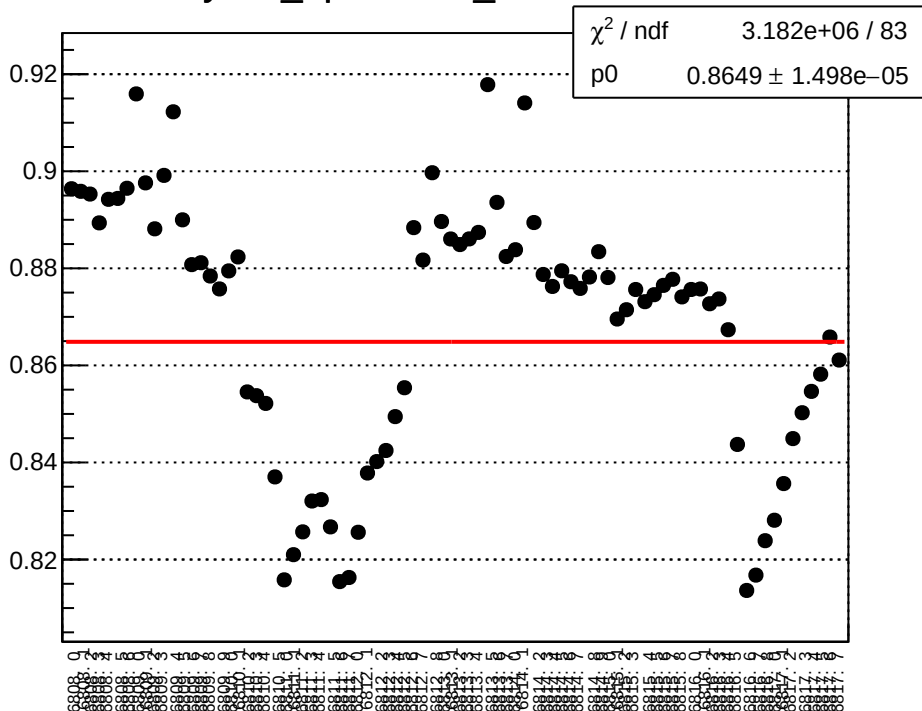
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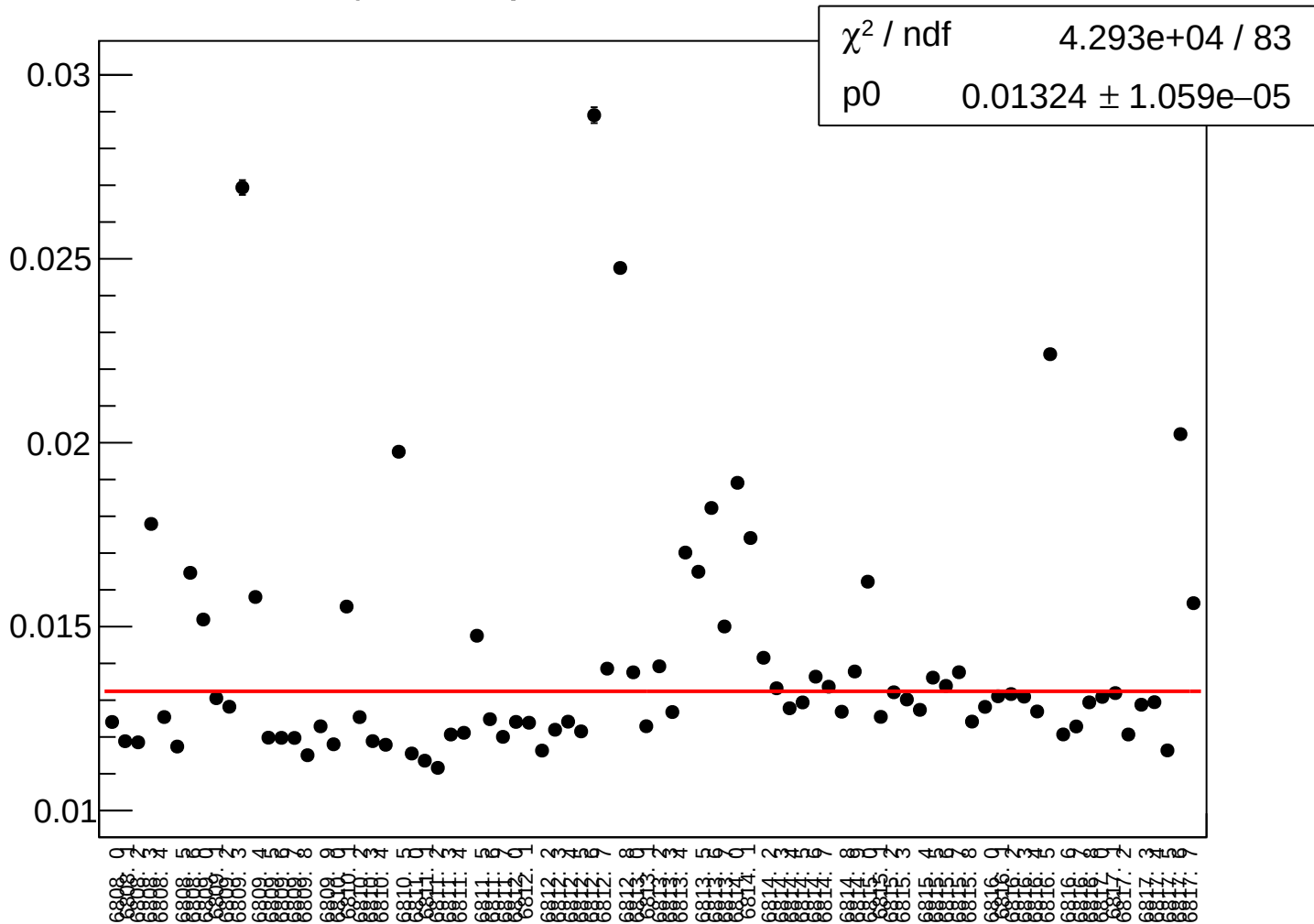
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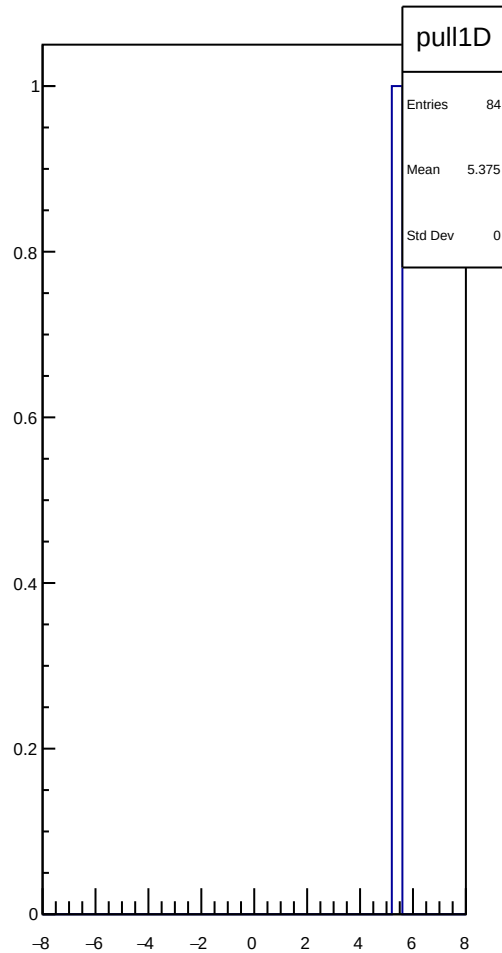
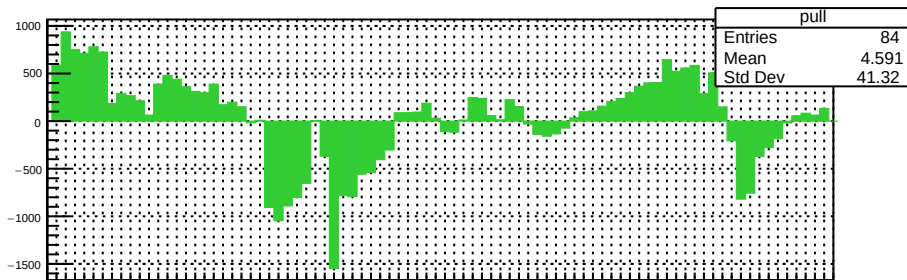
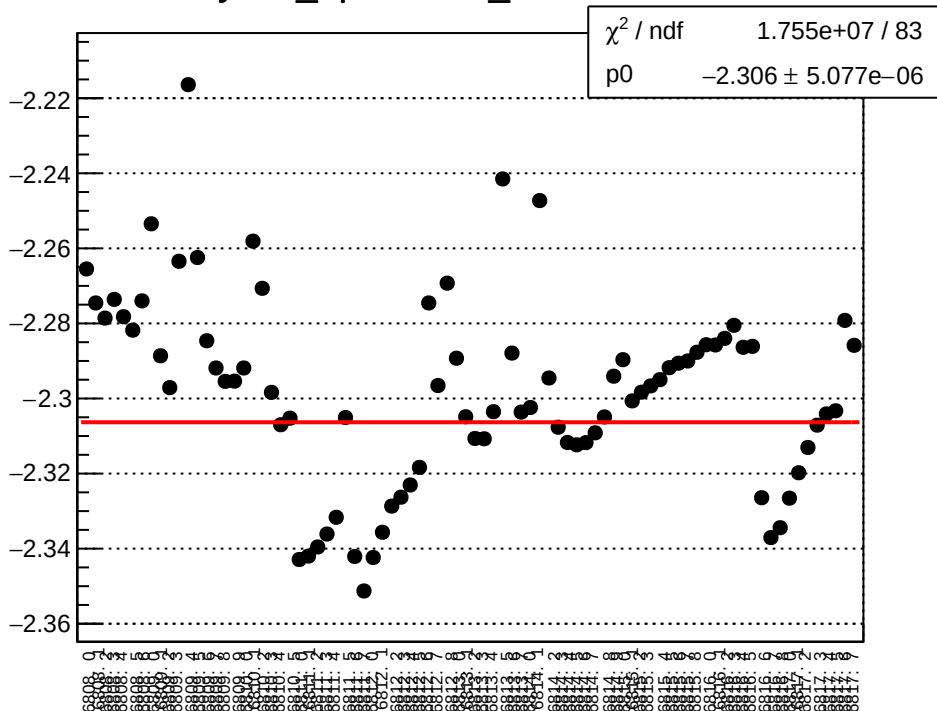
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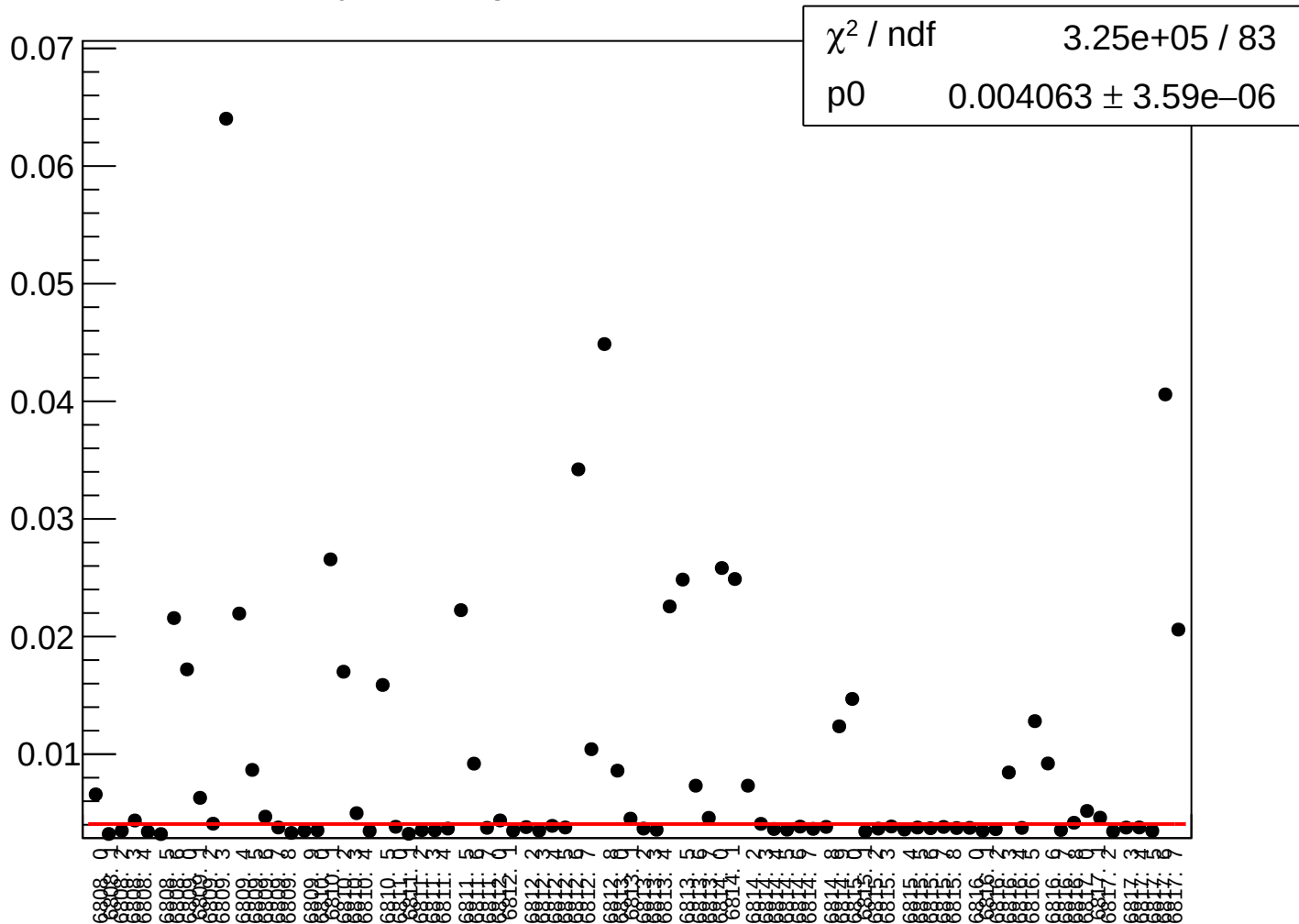
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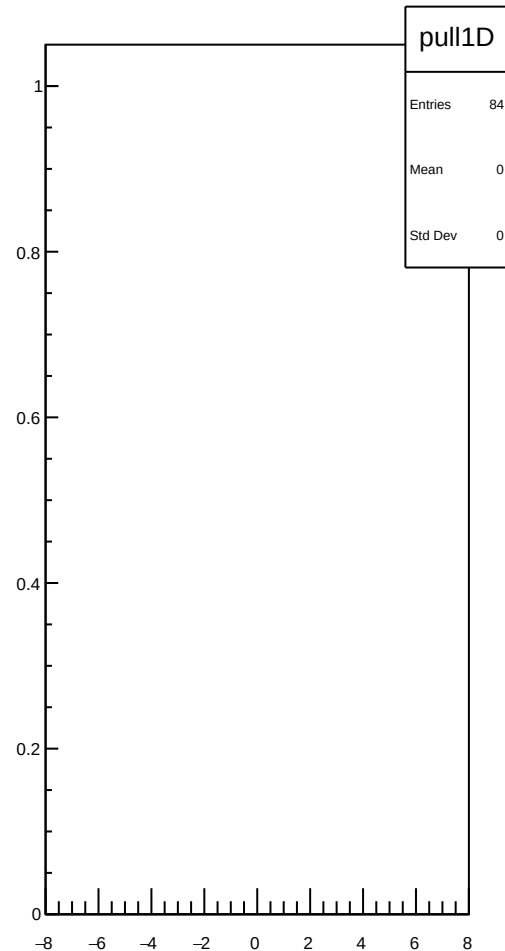
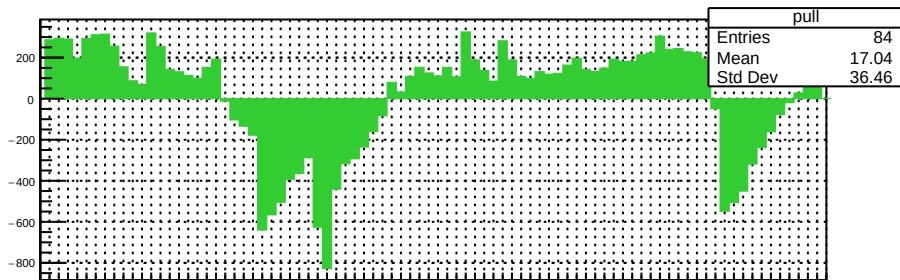
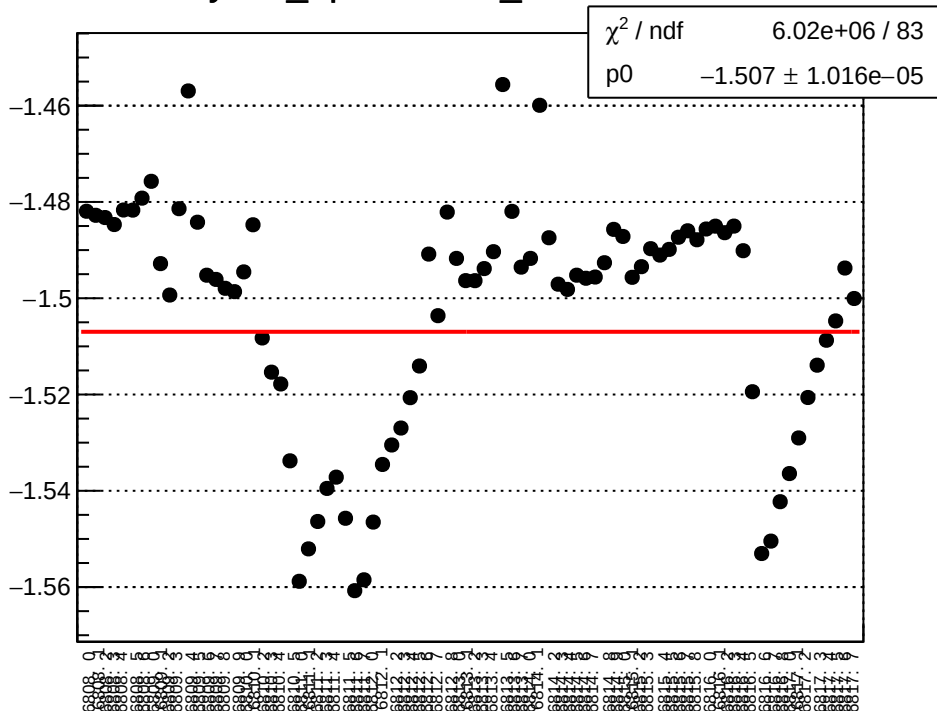
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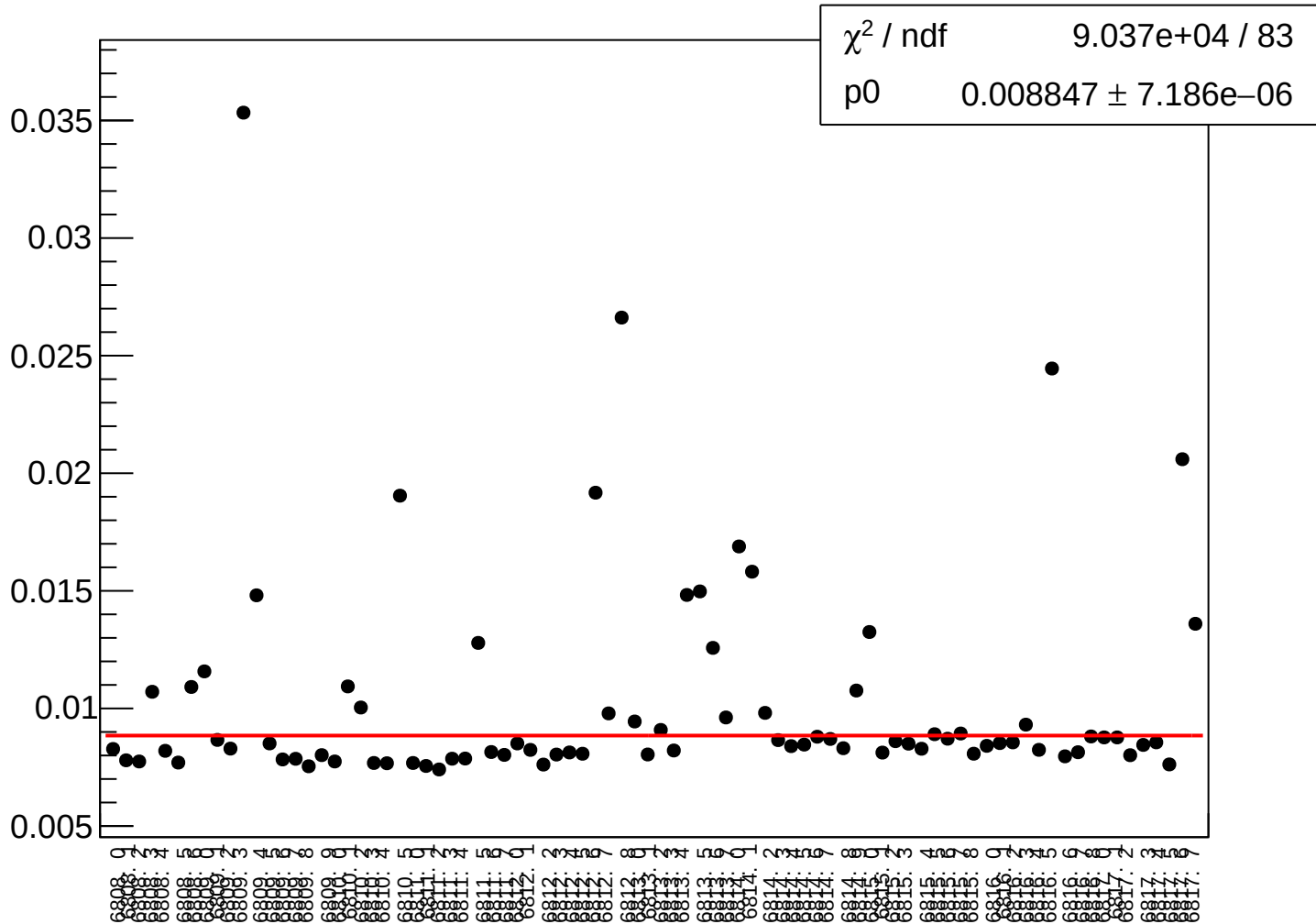
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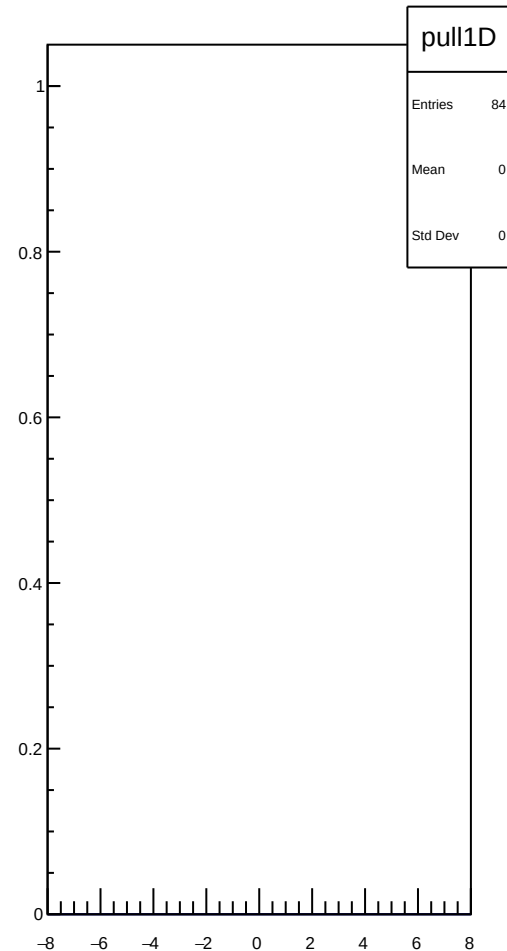
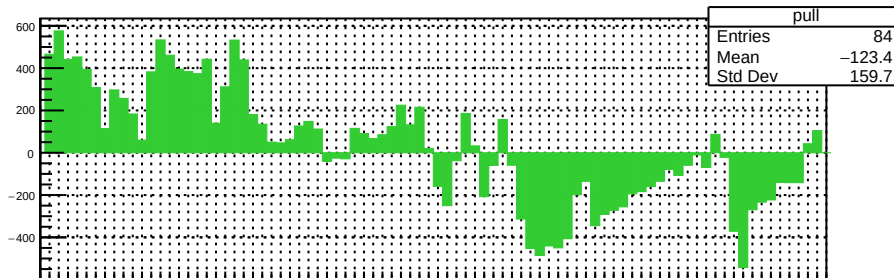
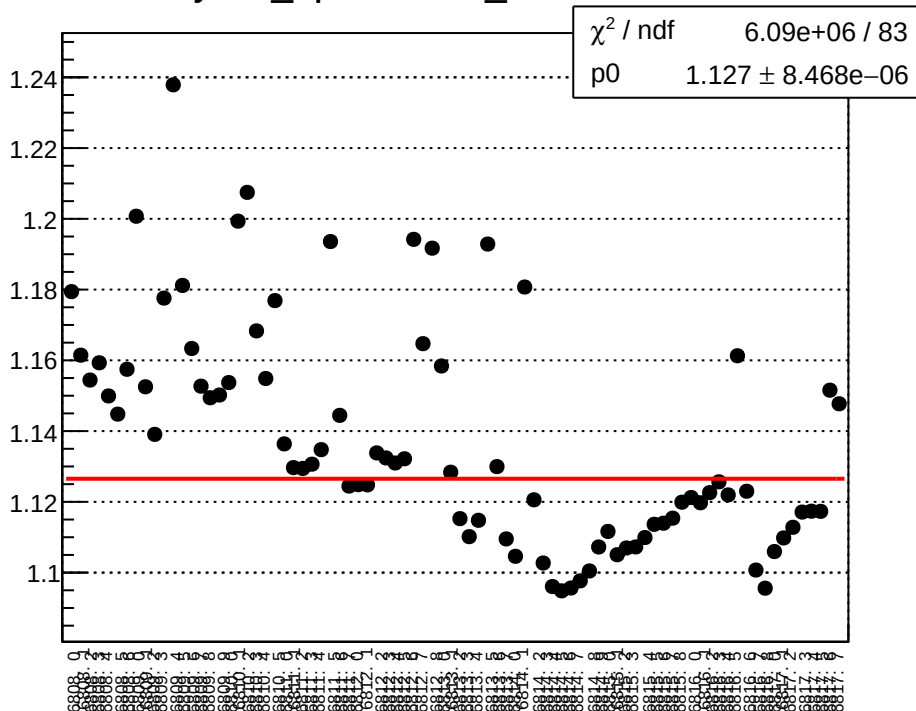
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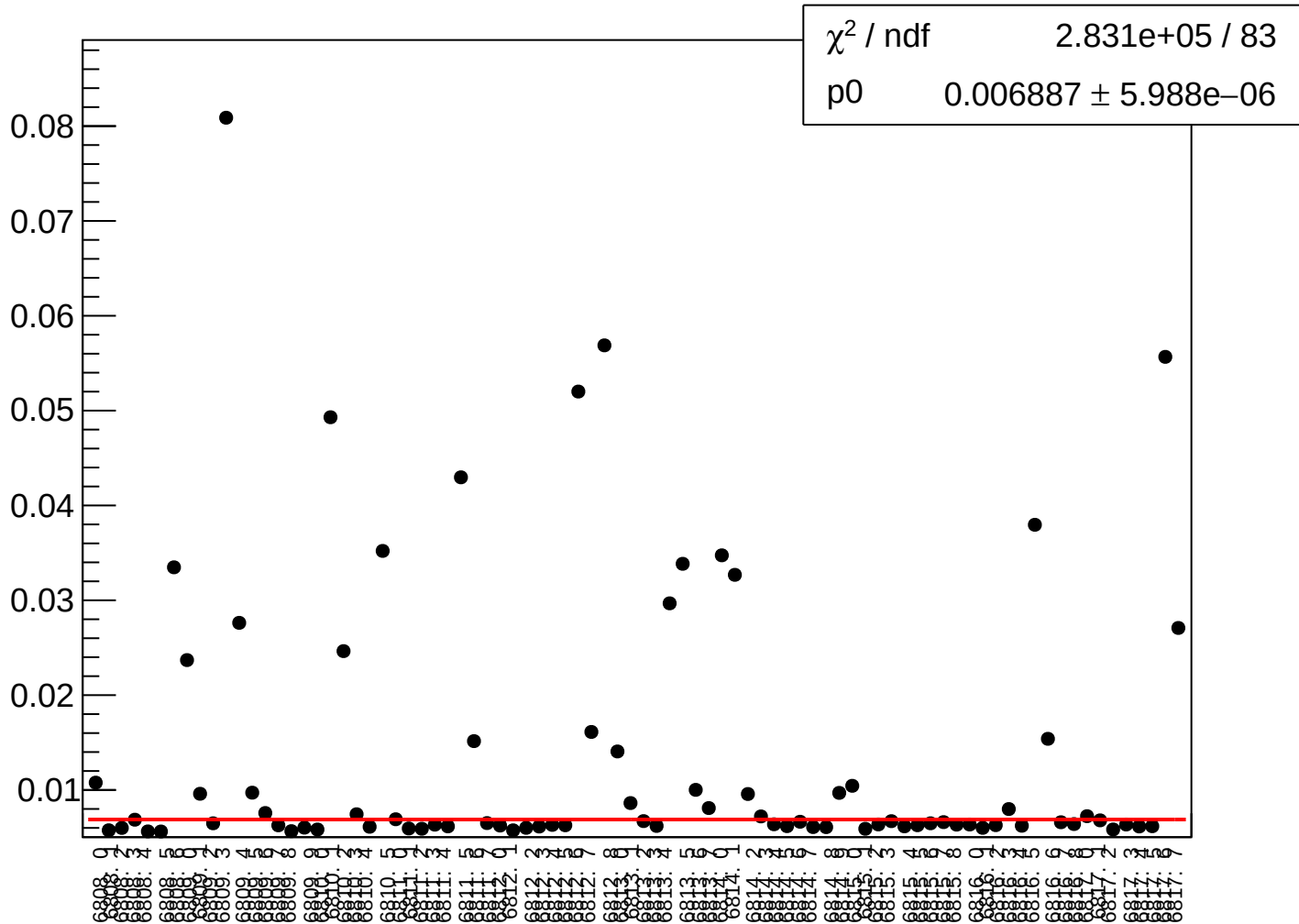
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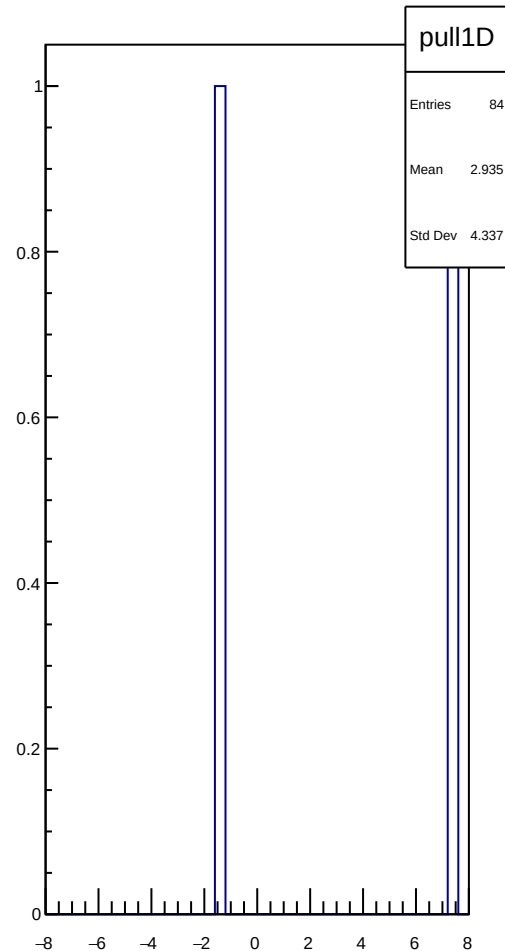
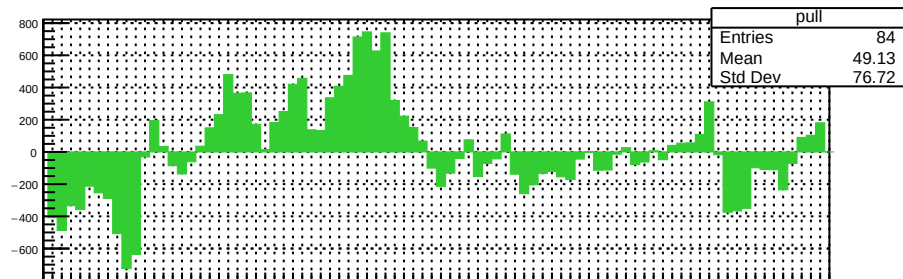
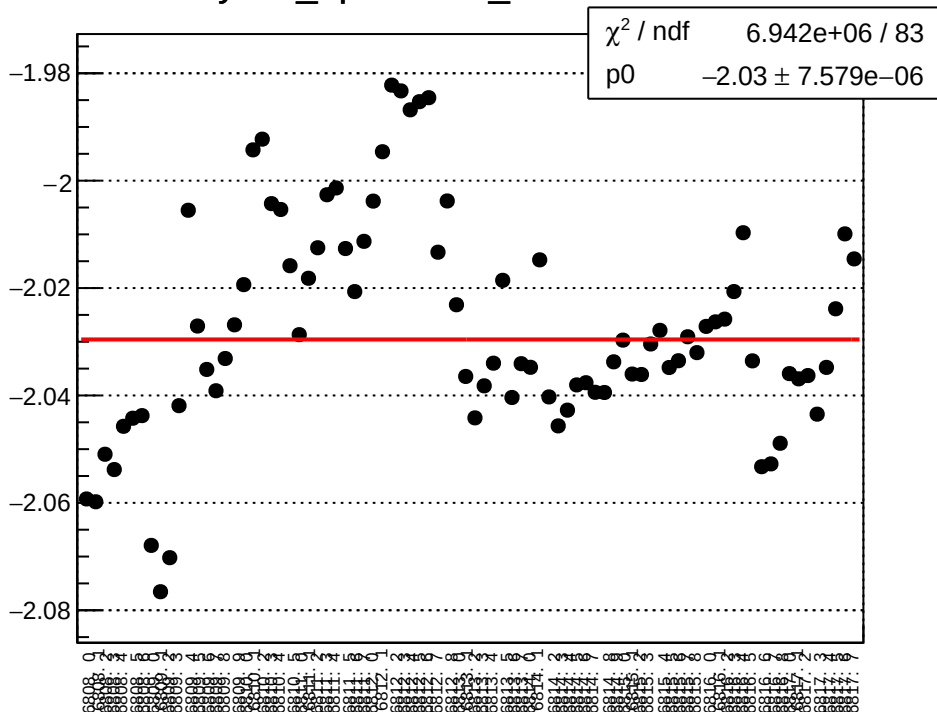
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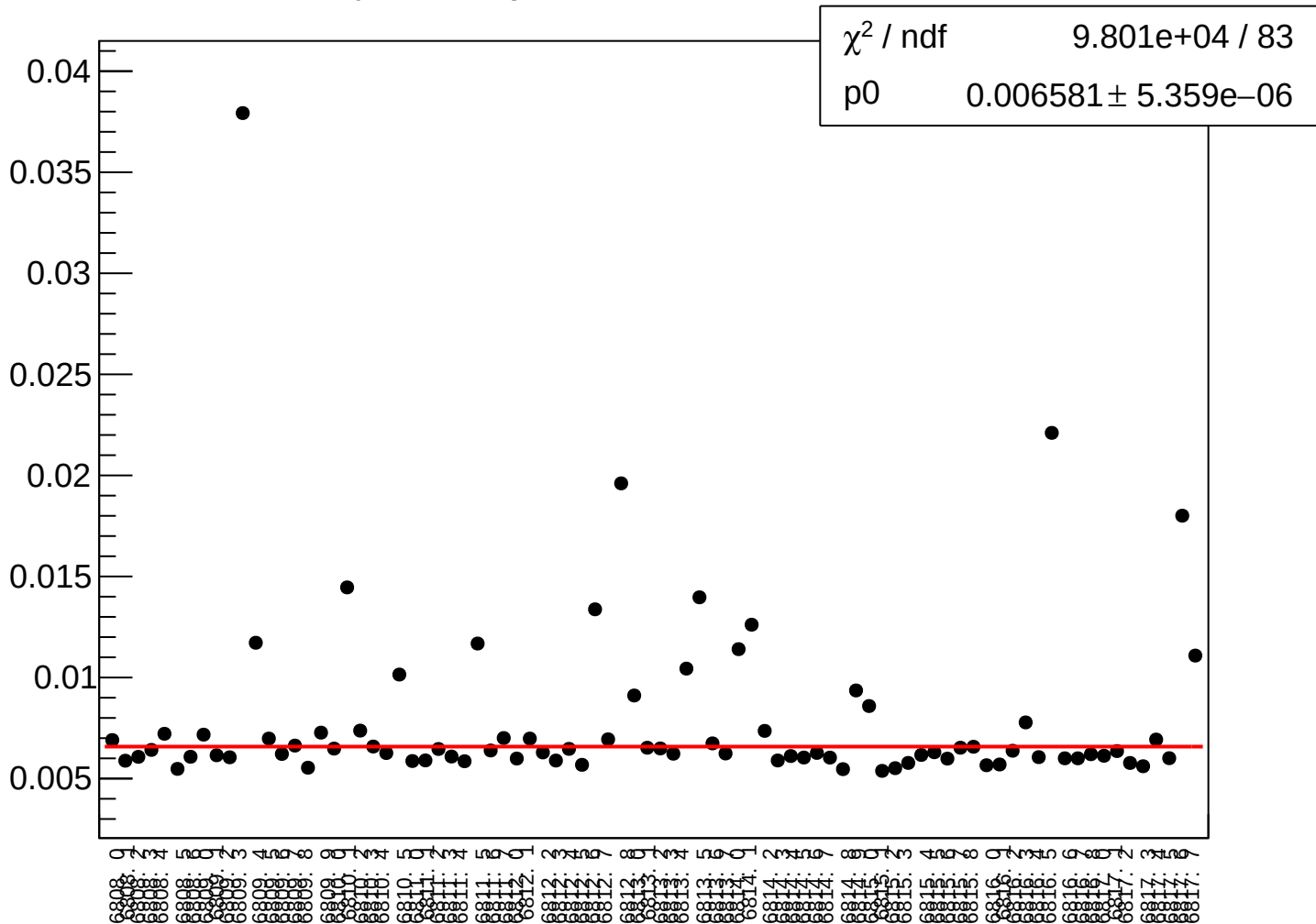
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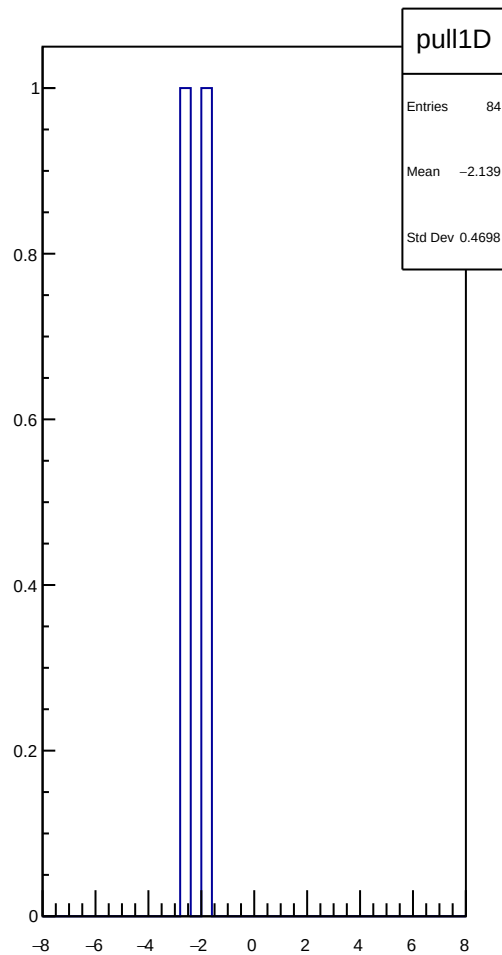
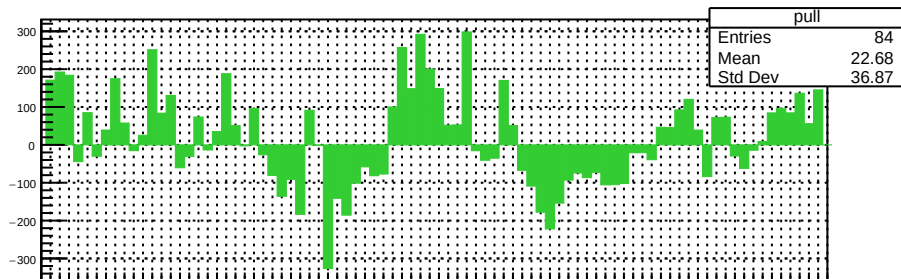
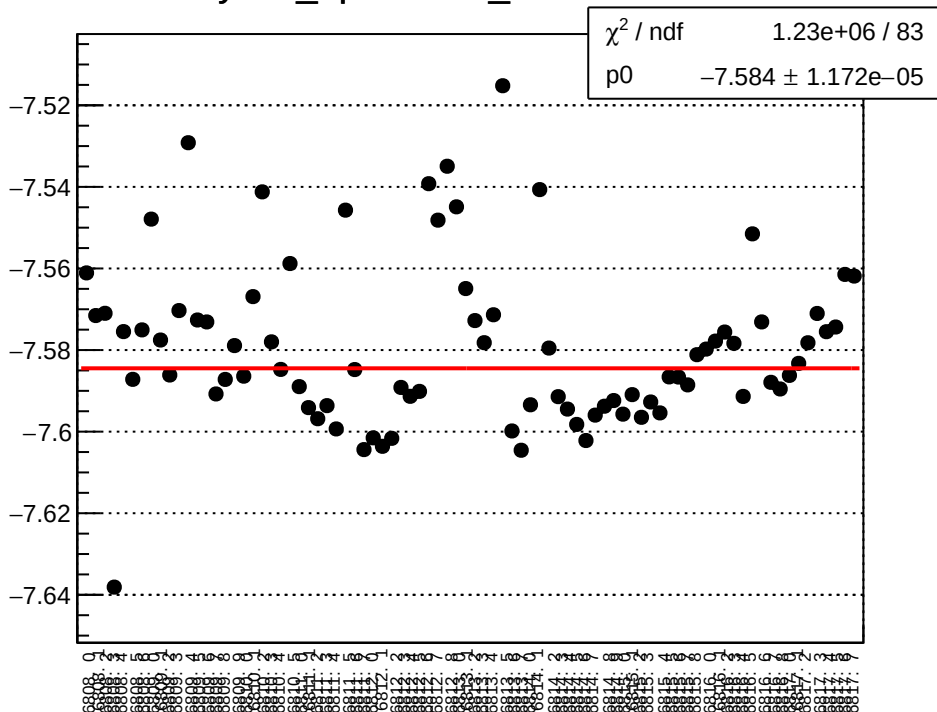
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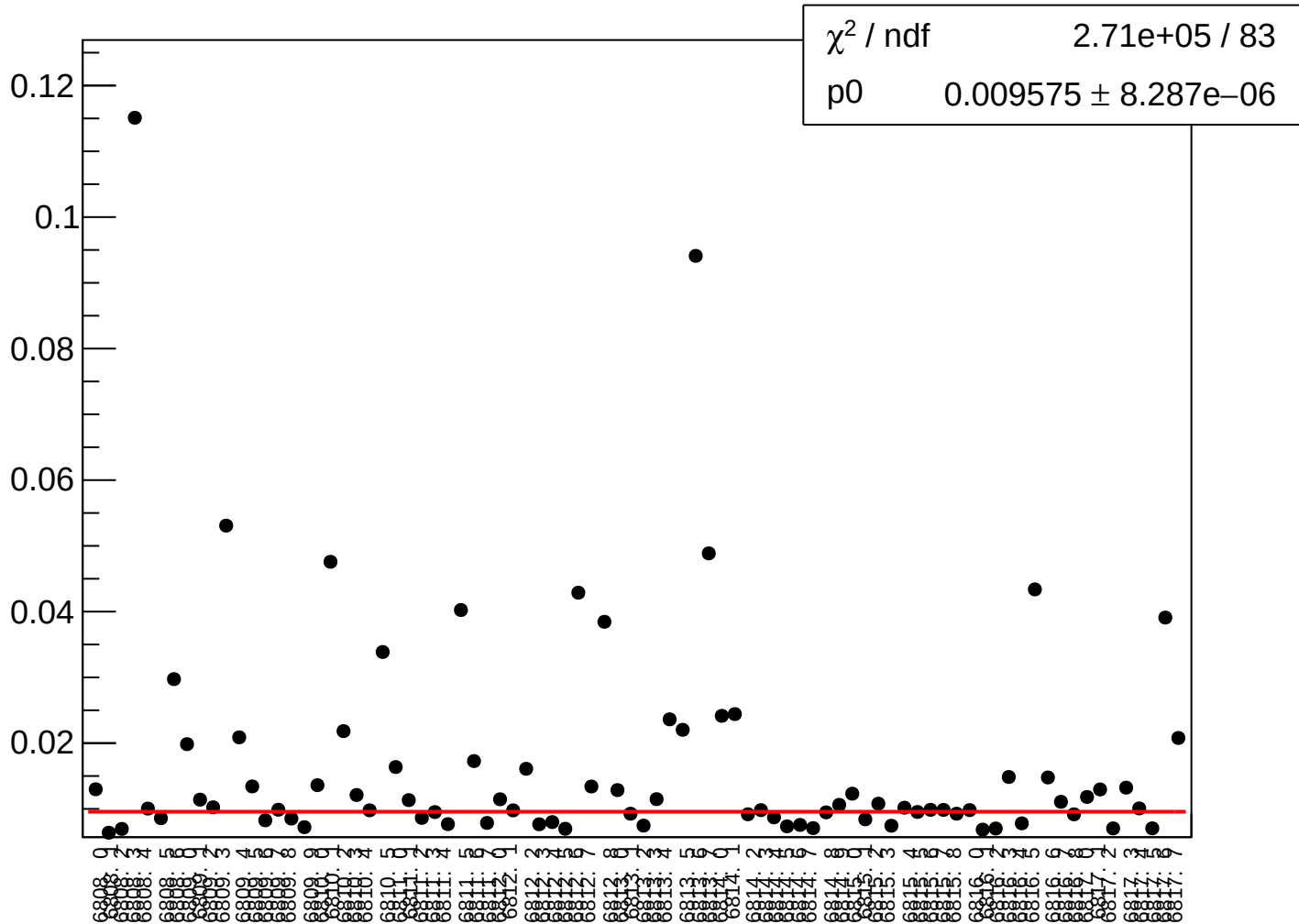
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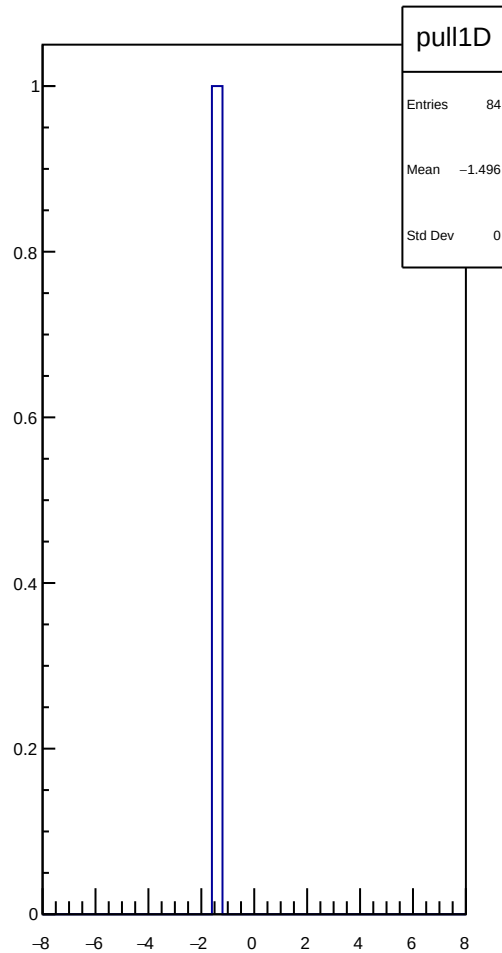
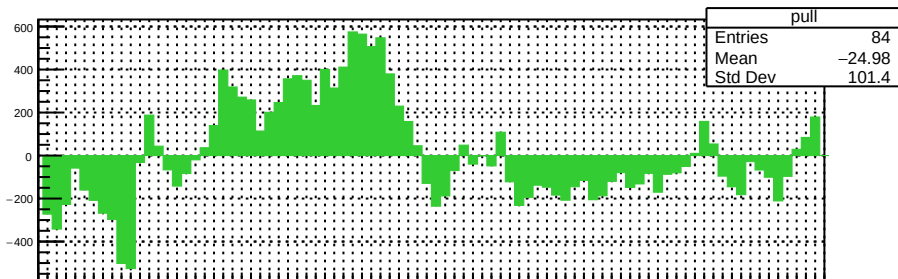
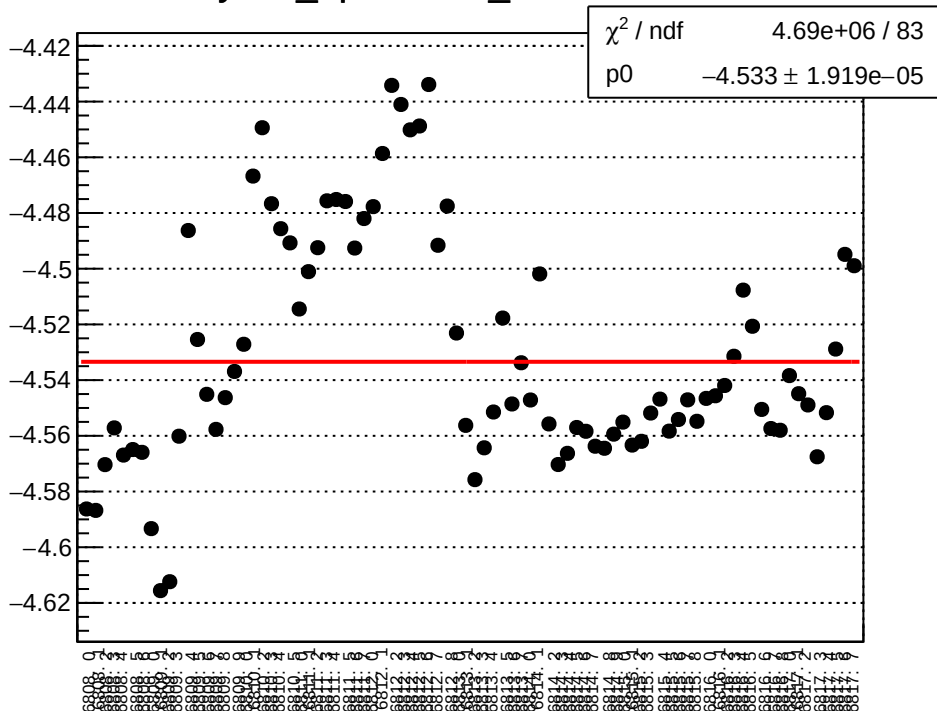
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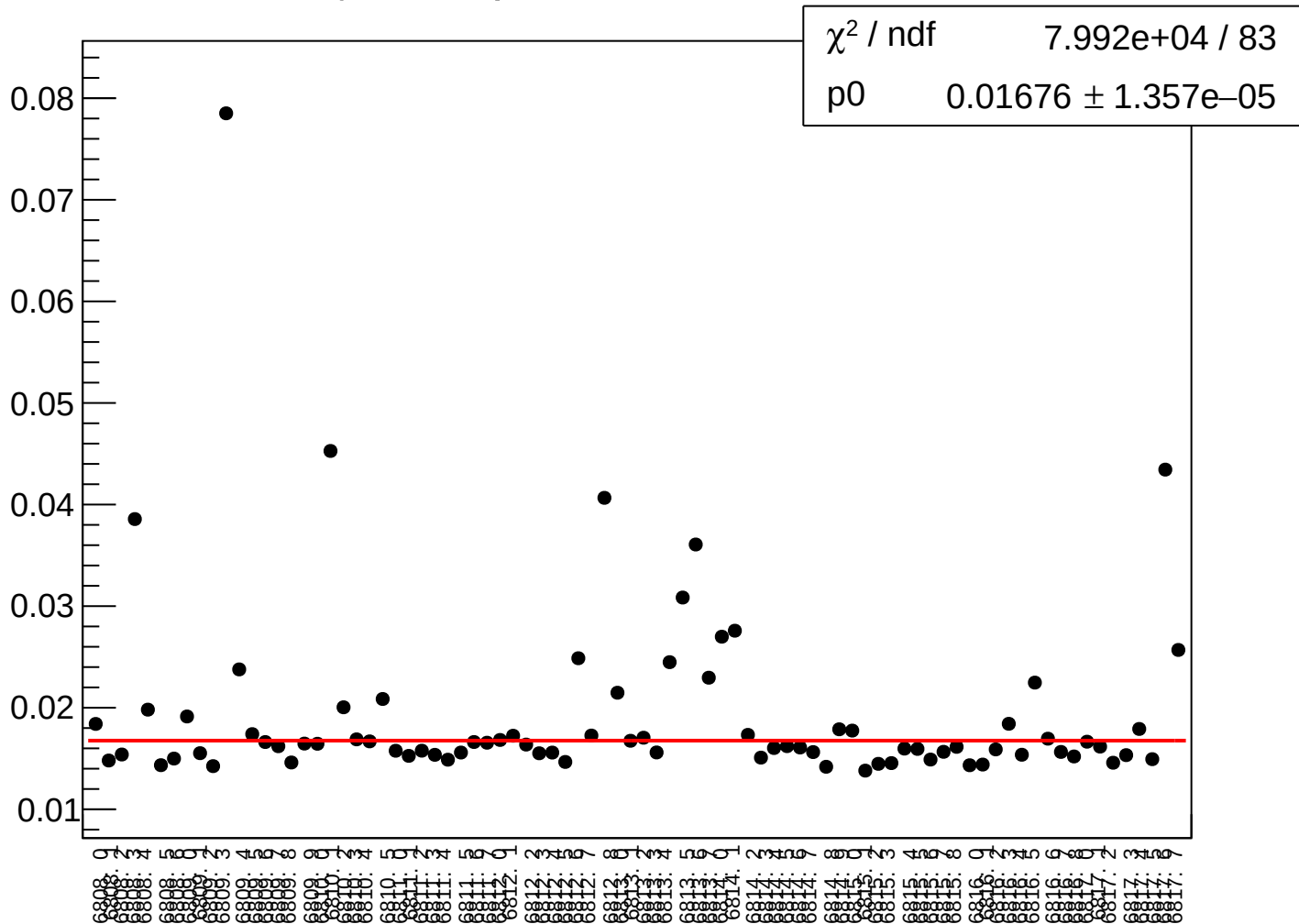
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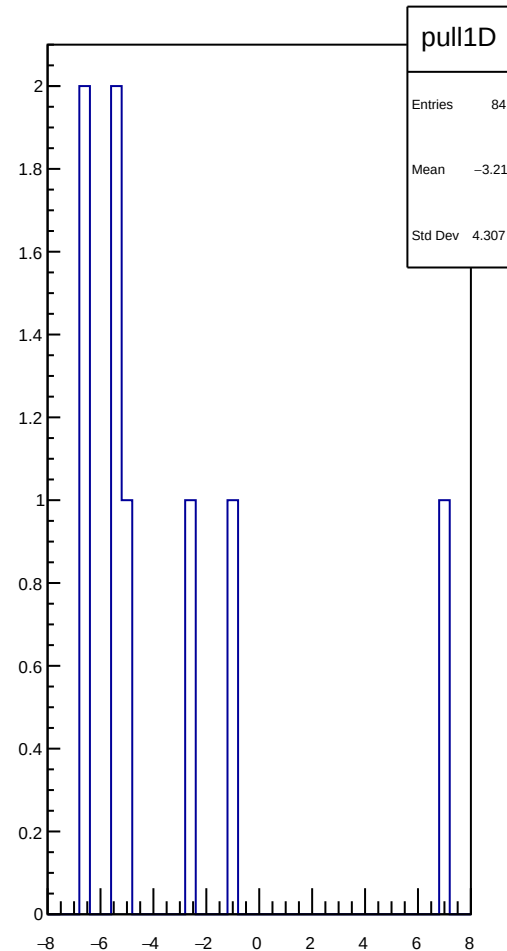
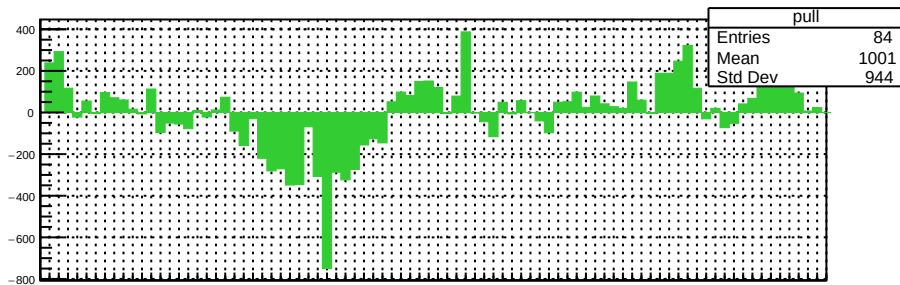
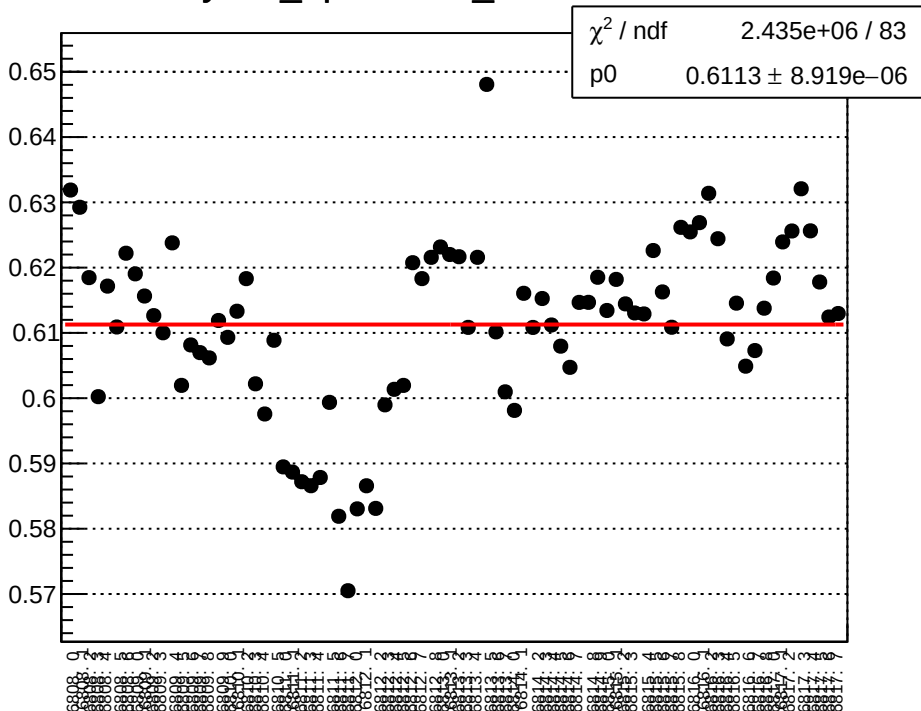
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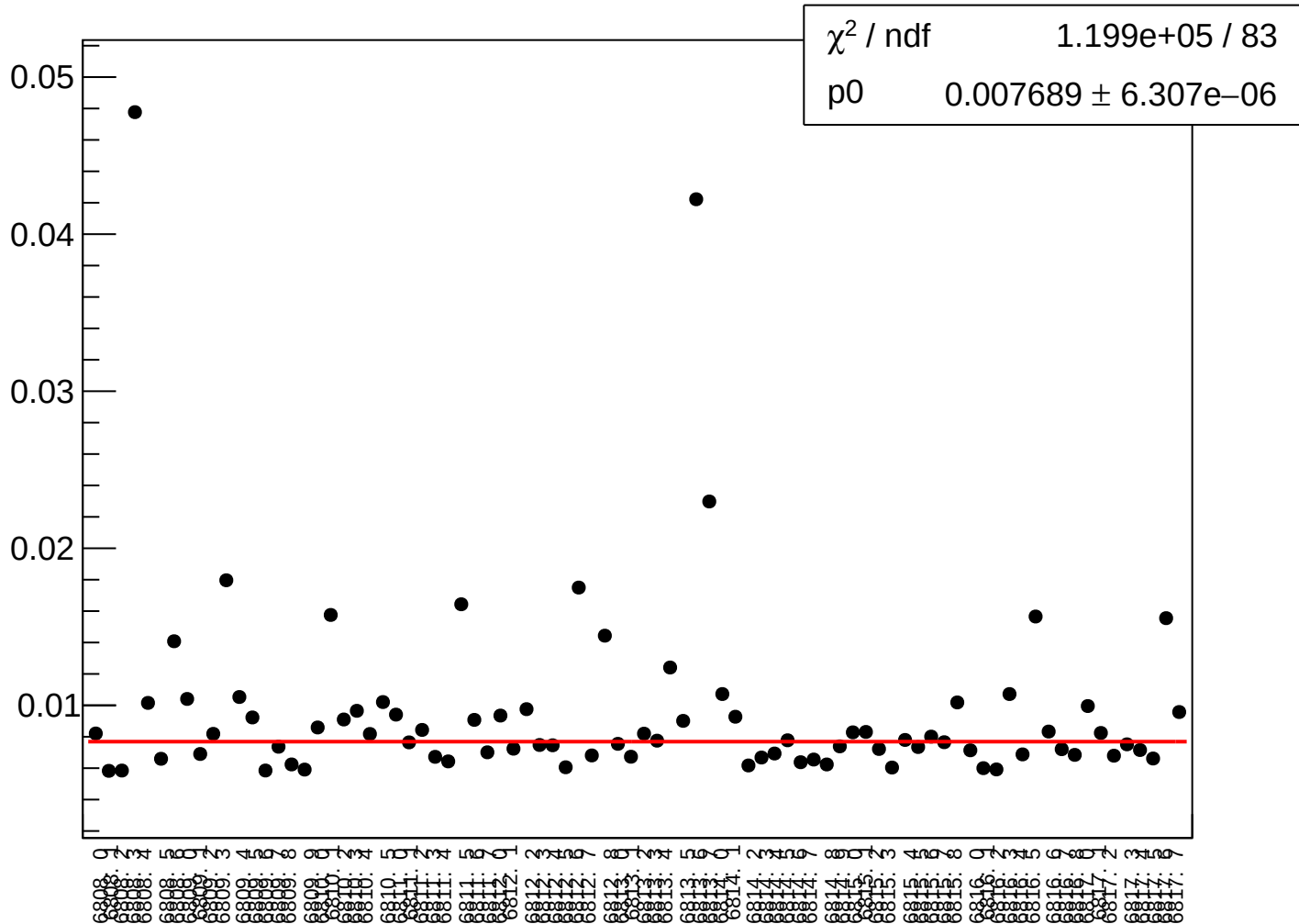
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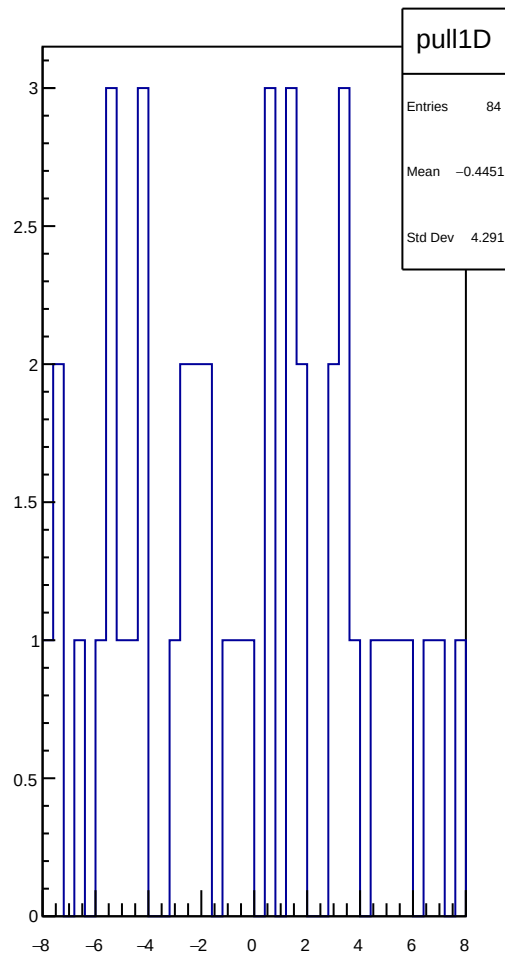
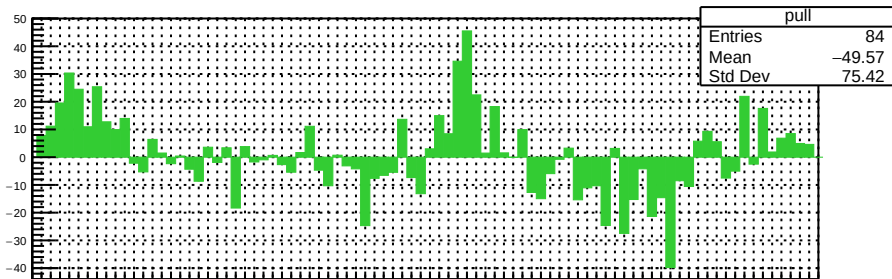
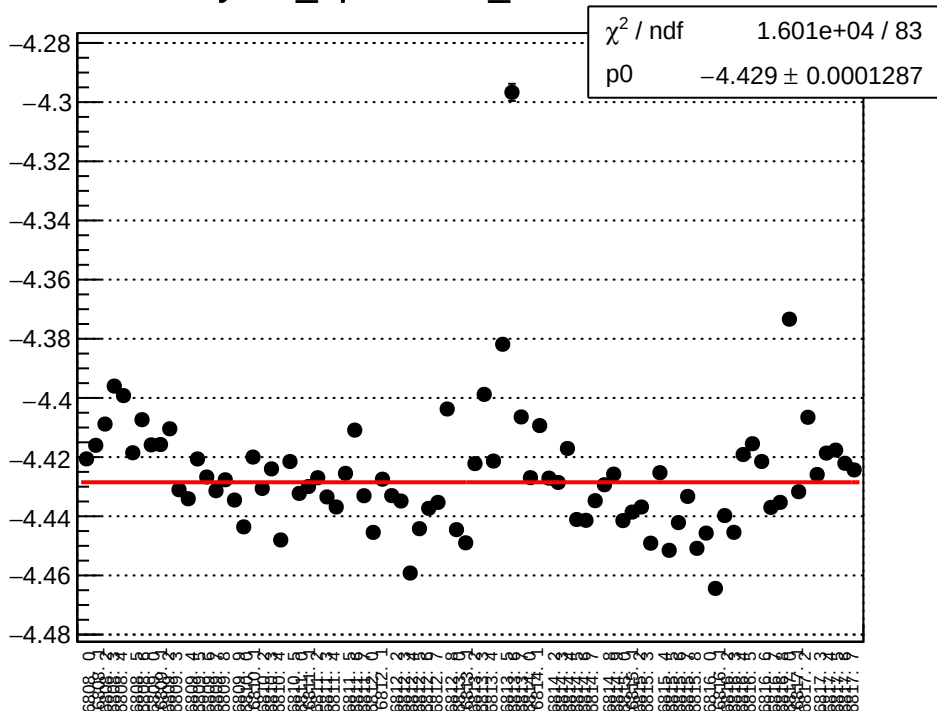
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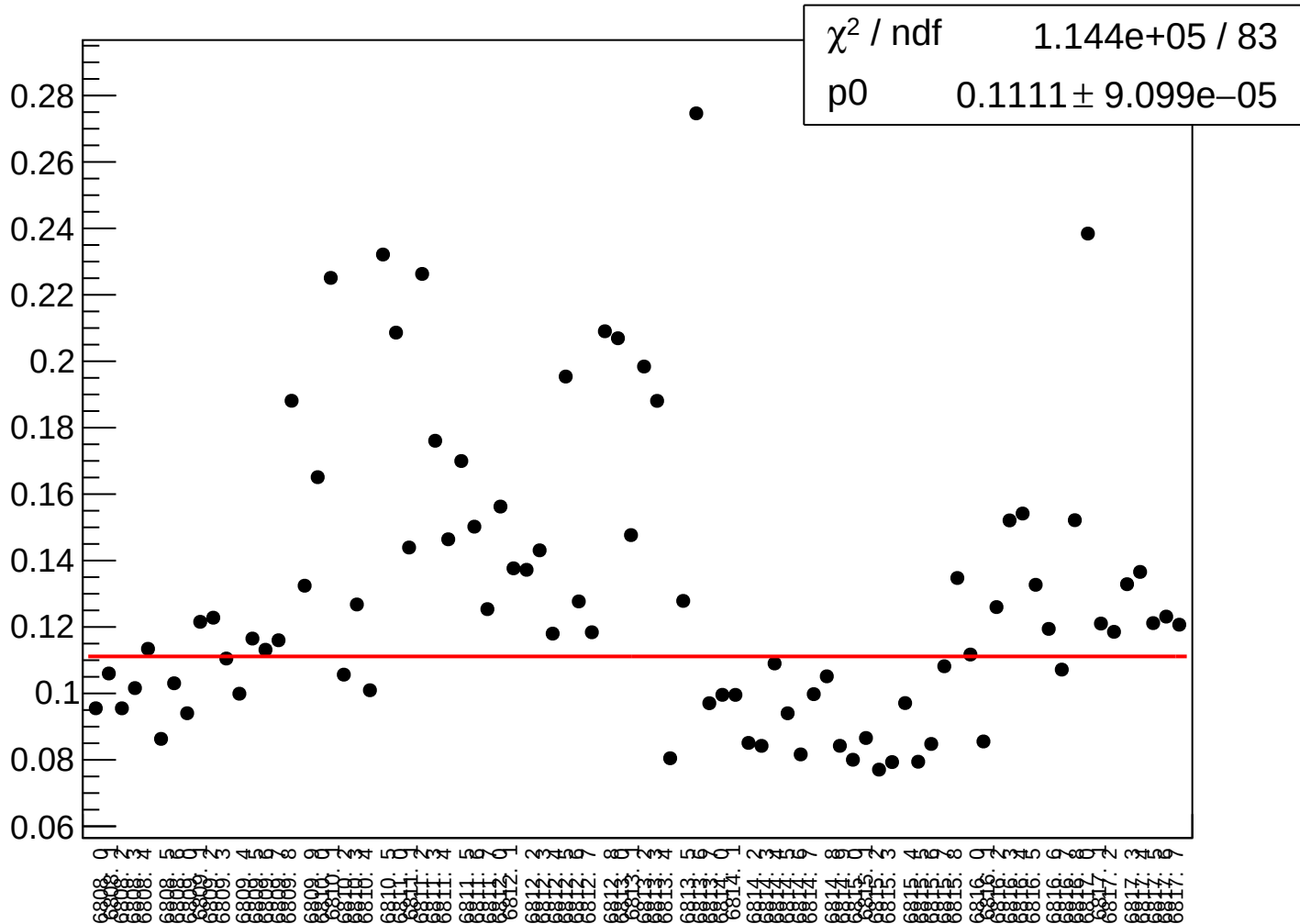
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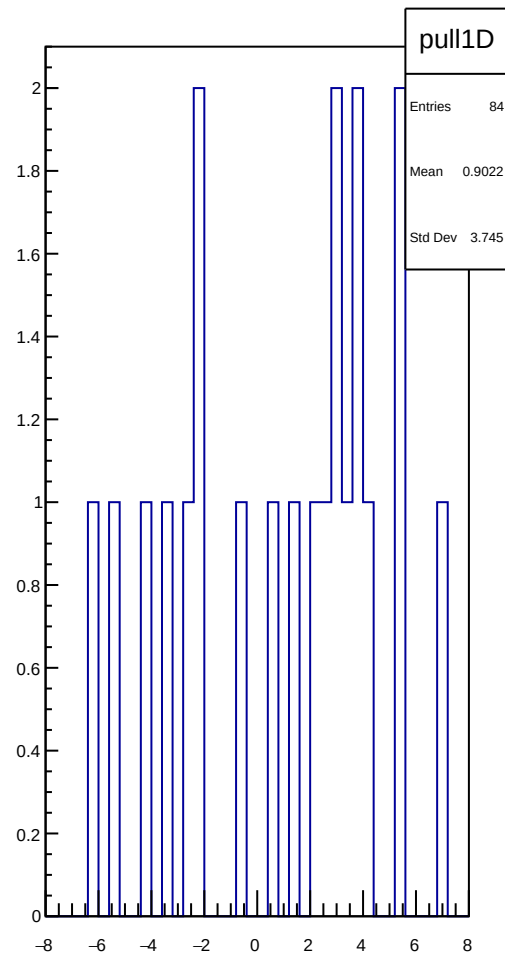
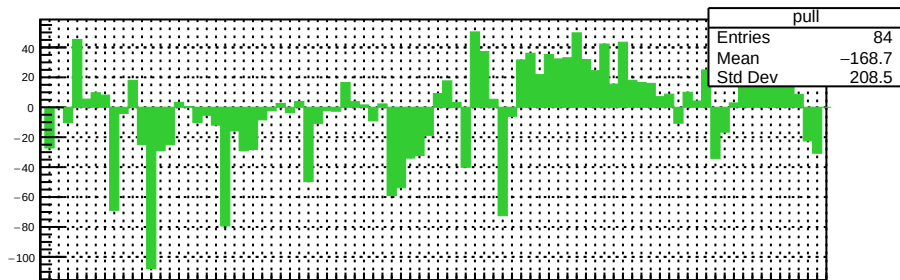
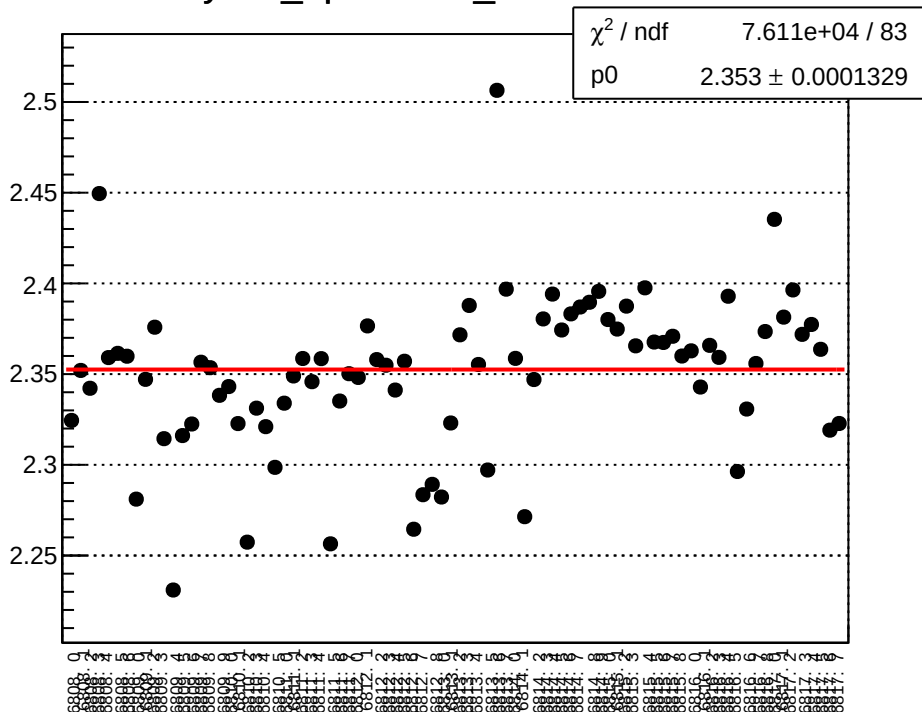
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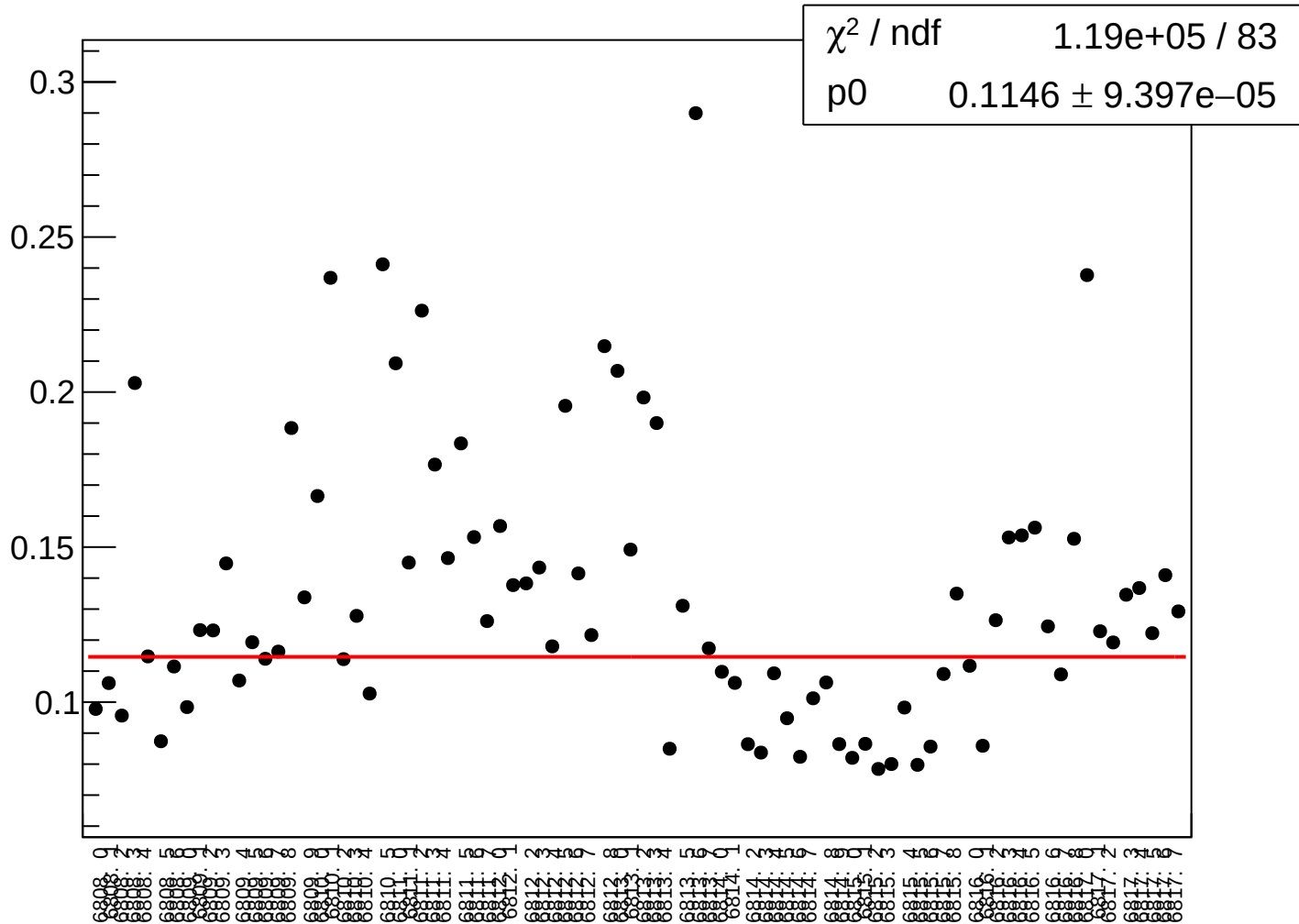
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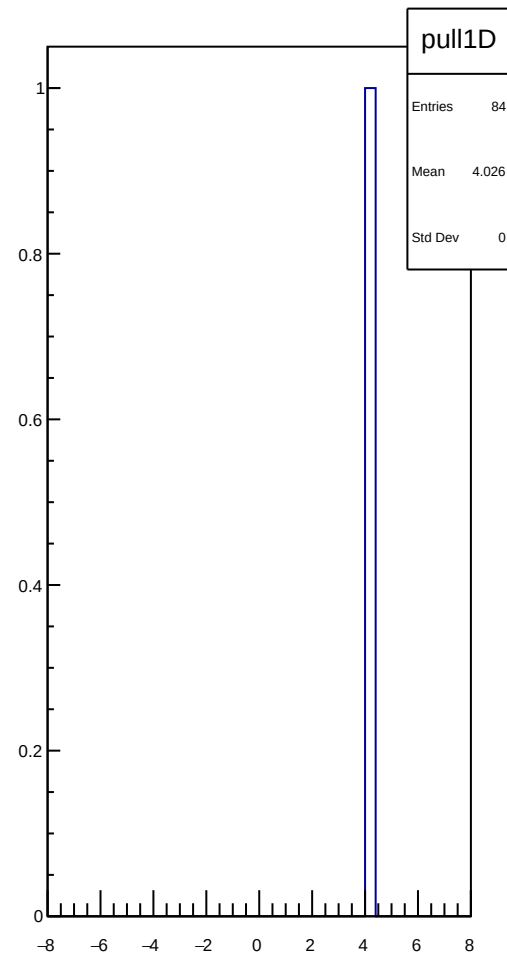
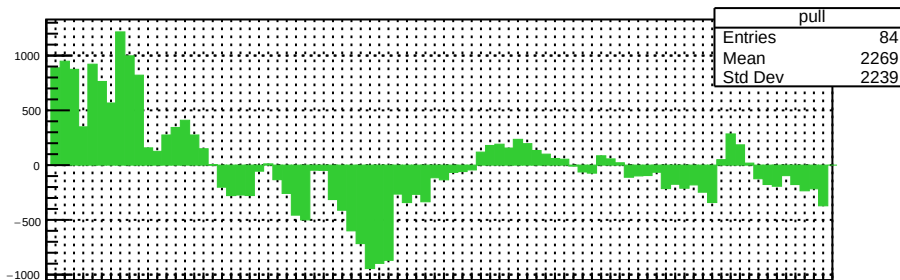
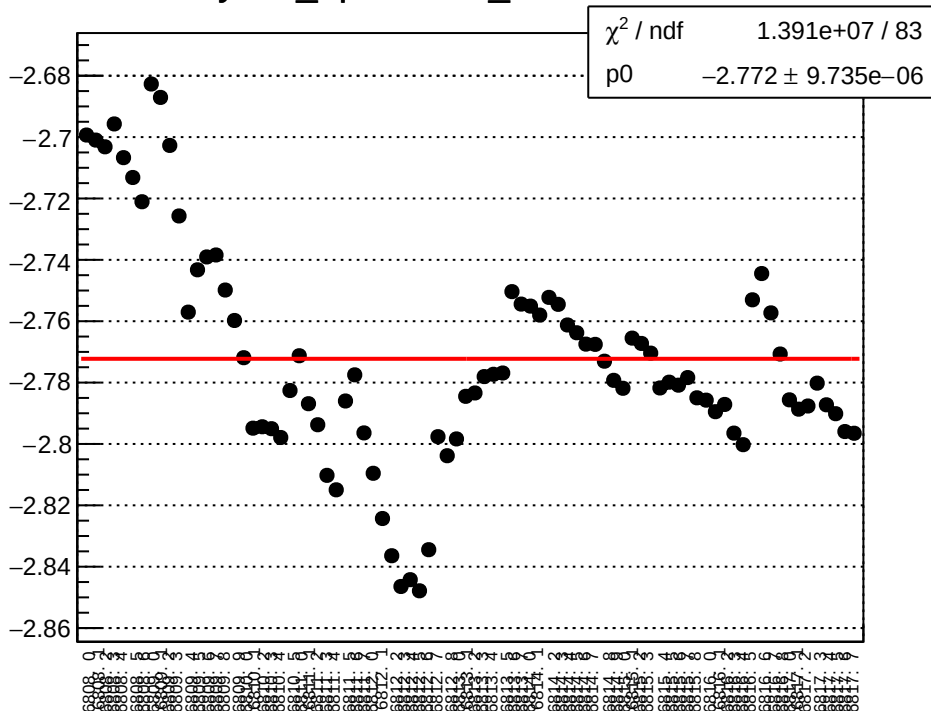
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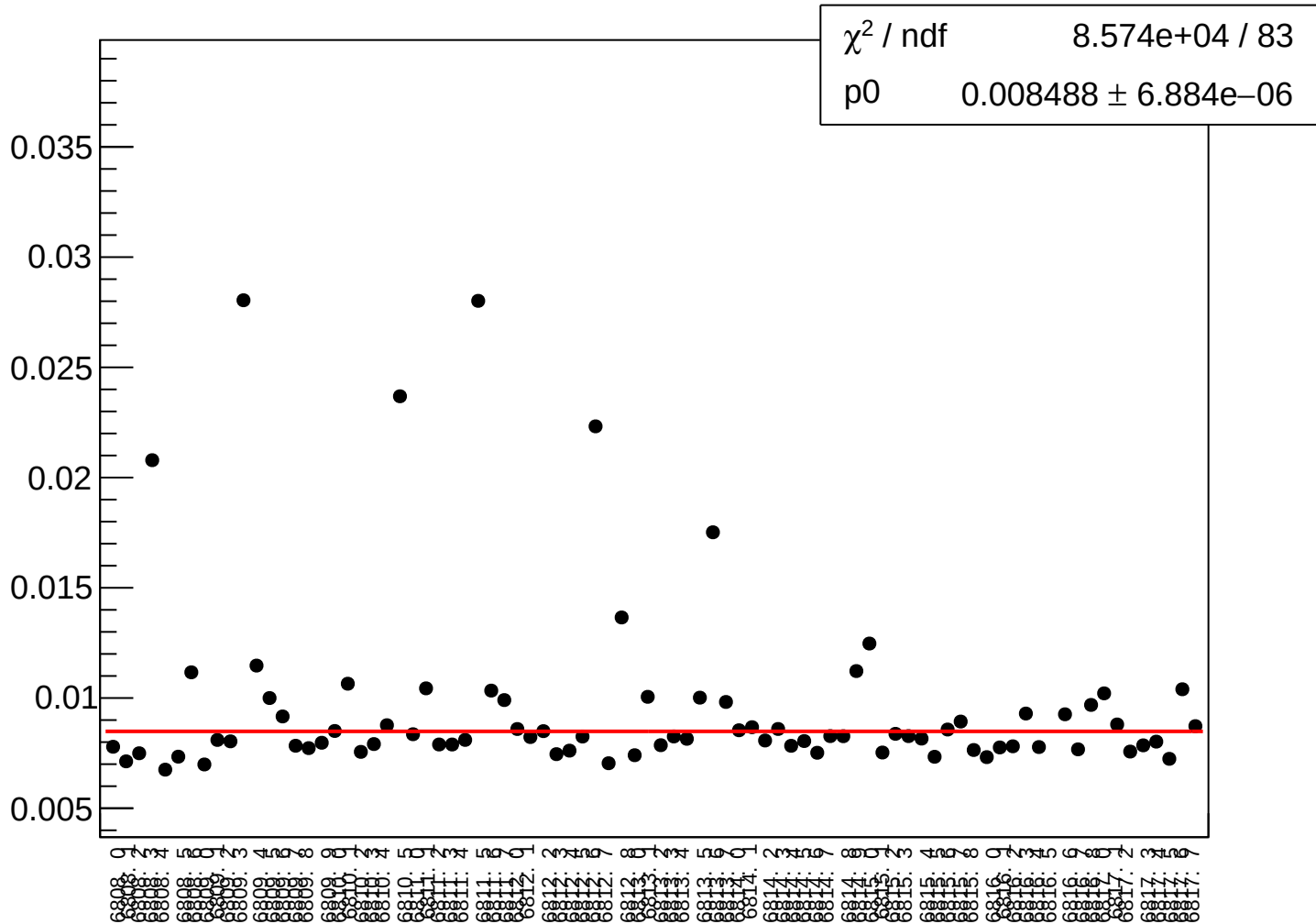
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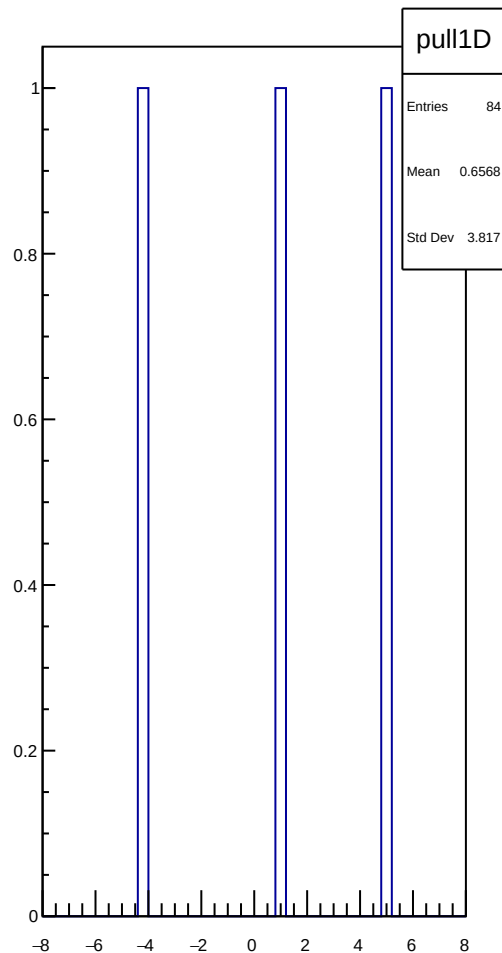
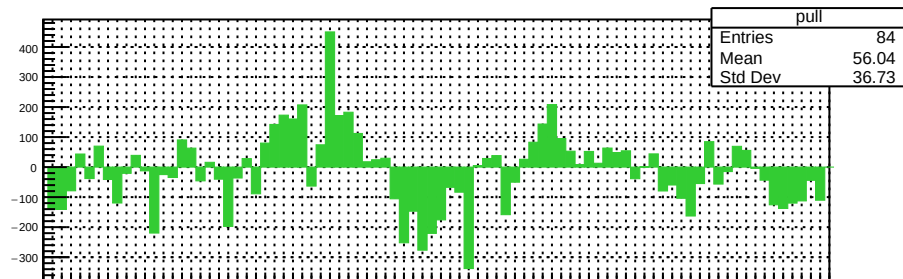
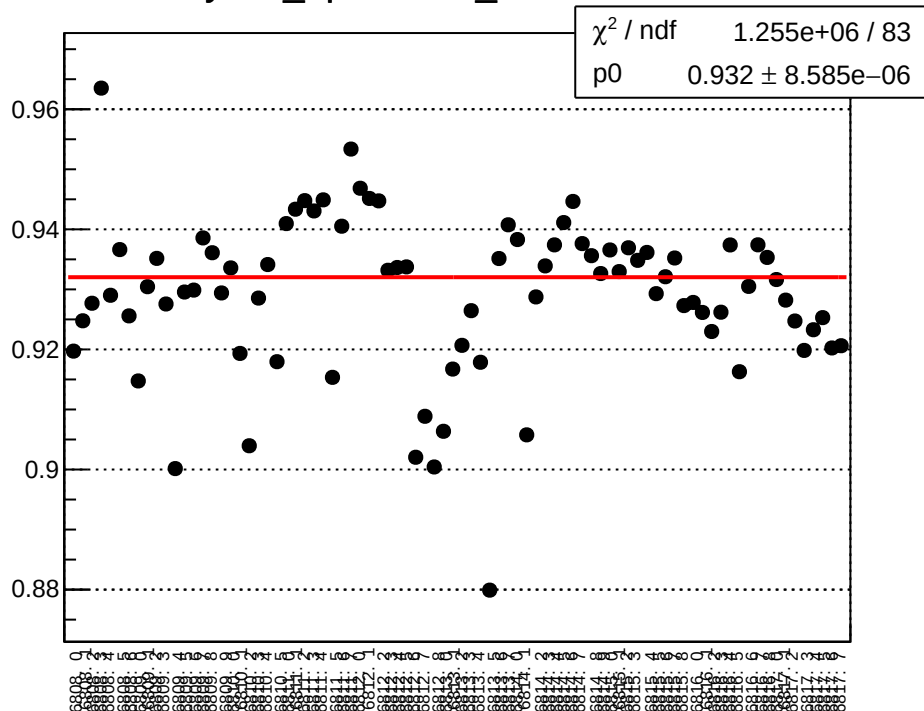
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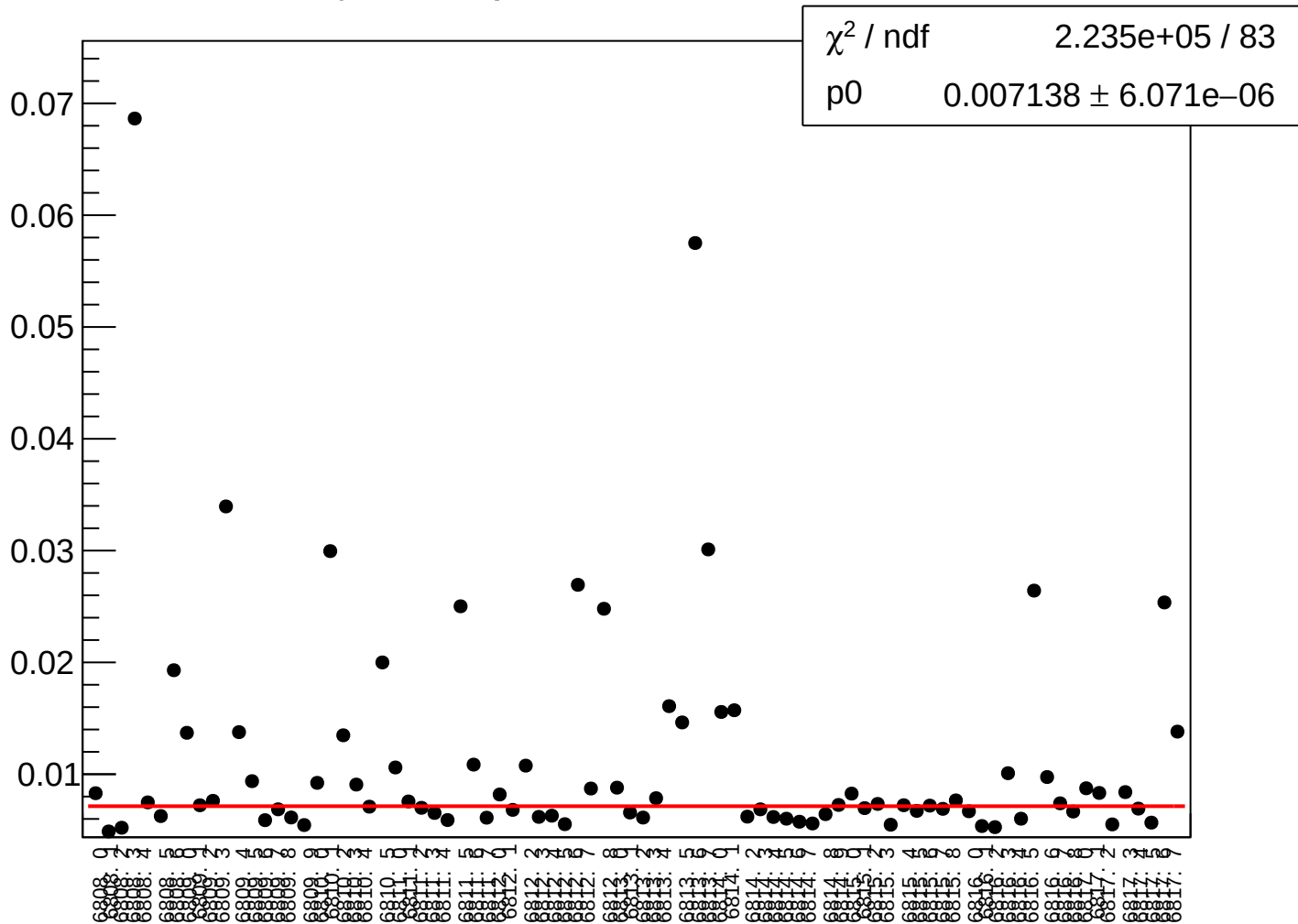
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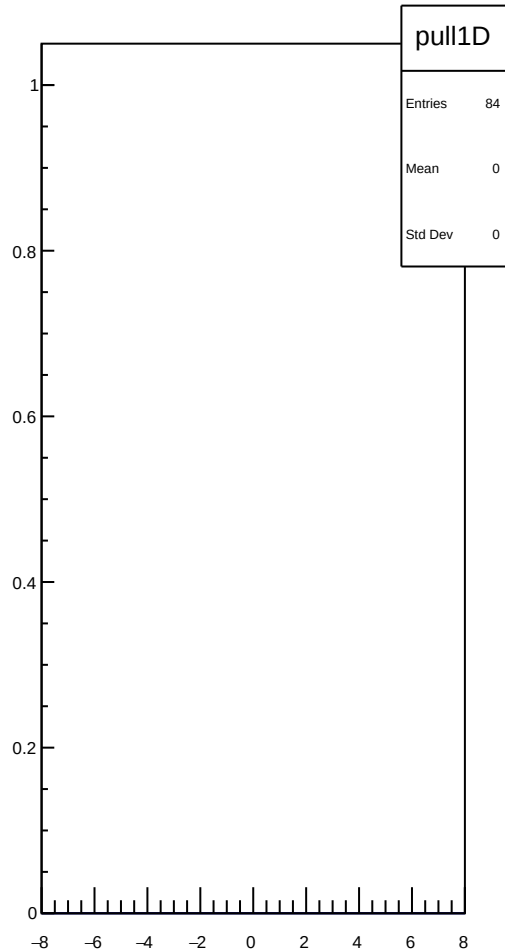
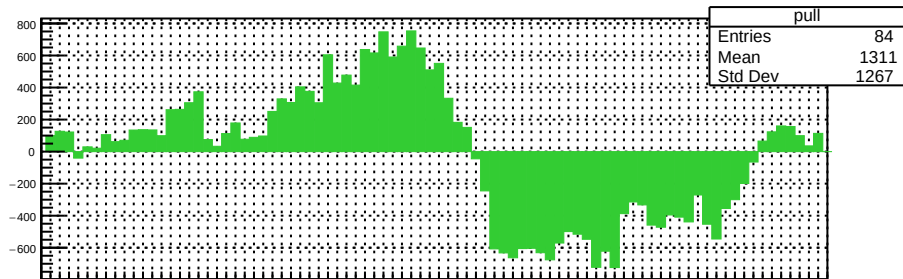
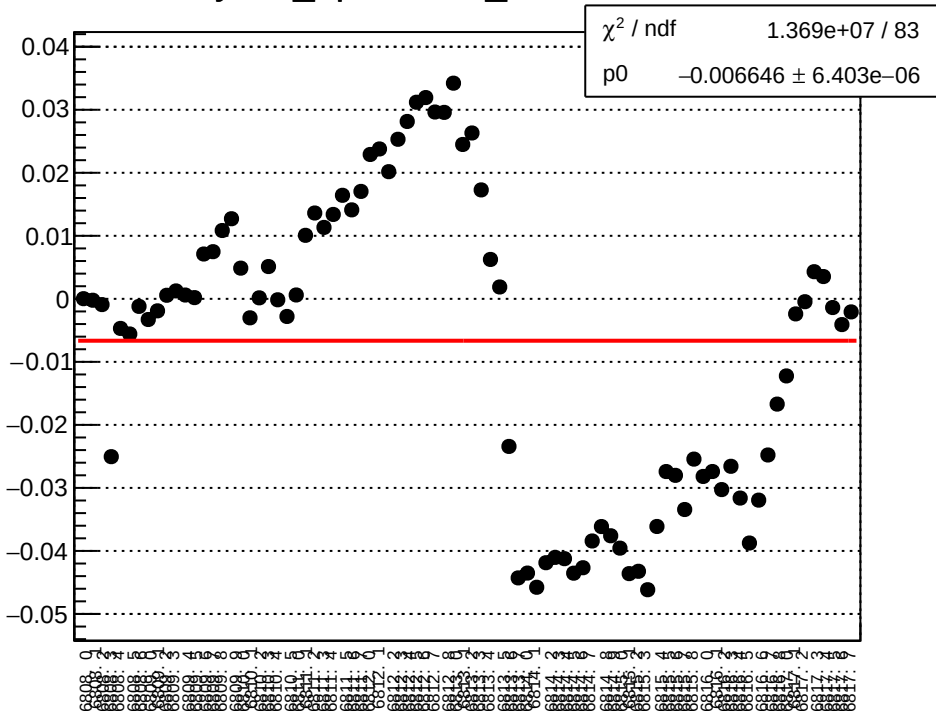
yield_bpm0l04Y_mean vs run



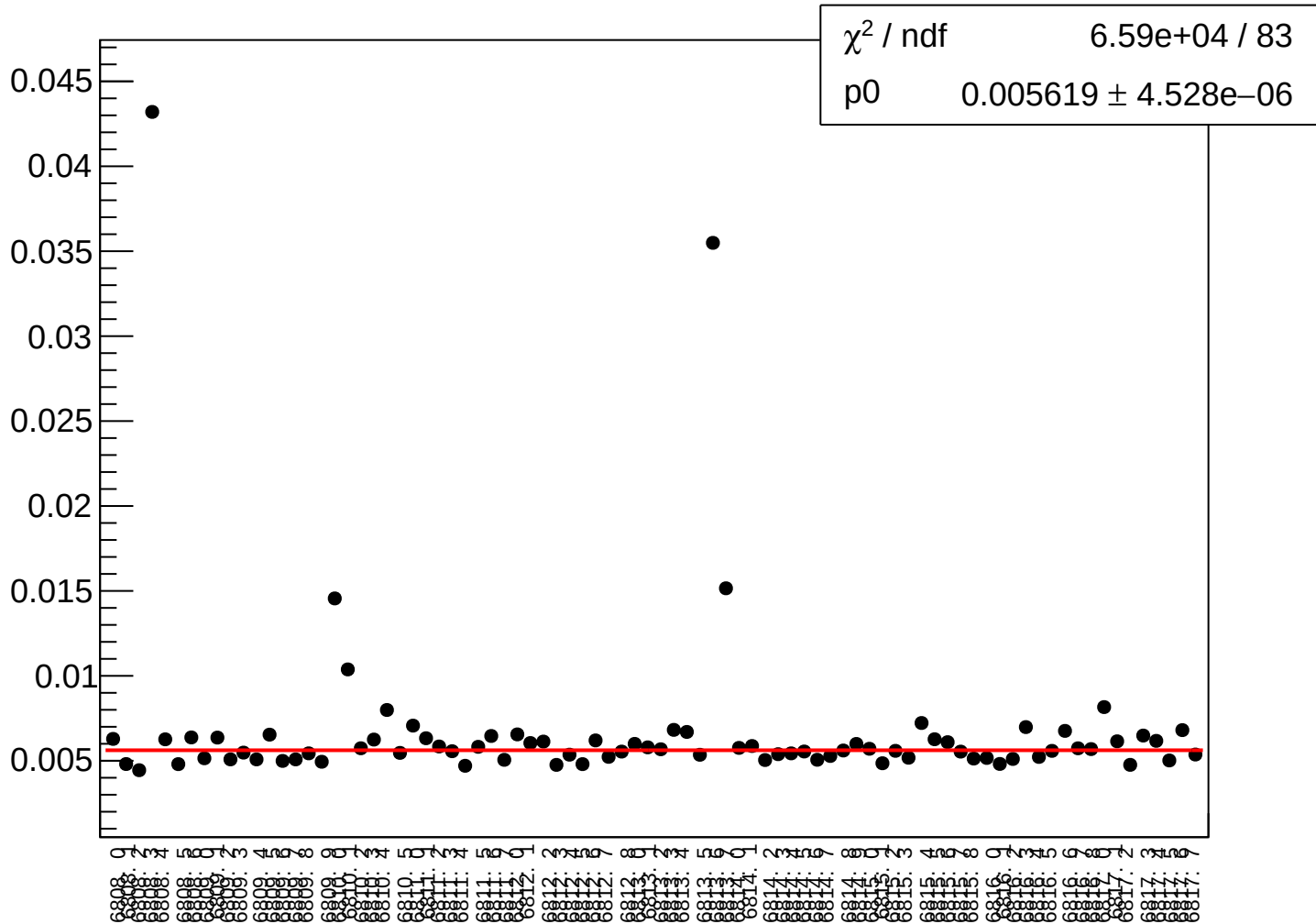
yield_bpm0l04Y_rms vs run



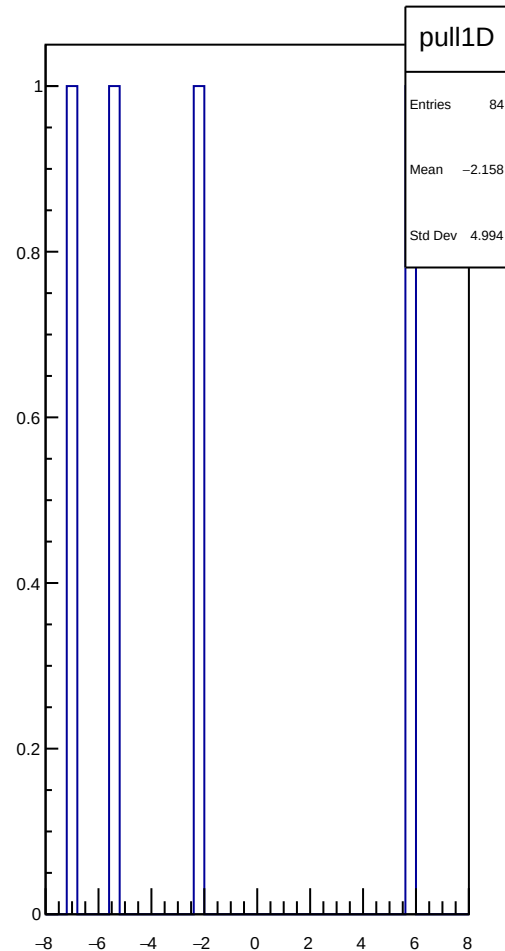
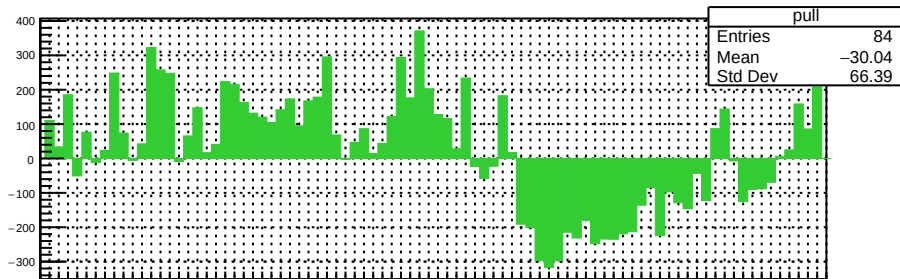
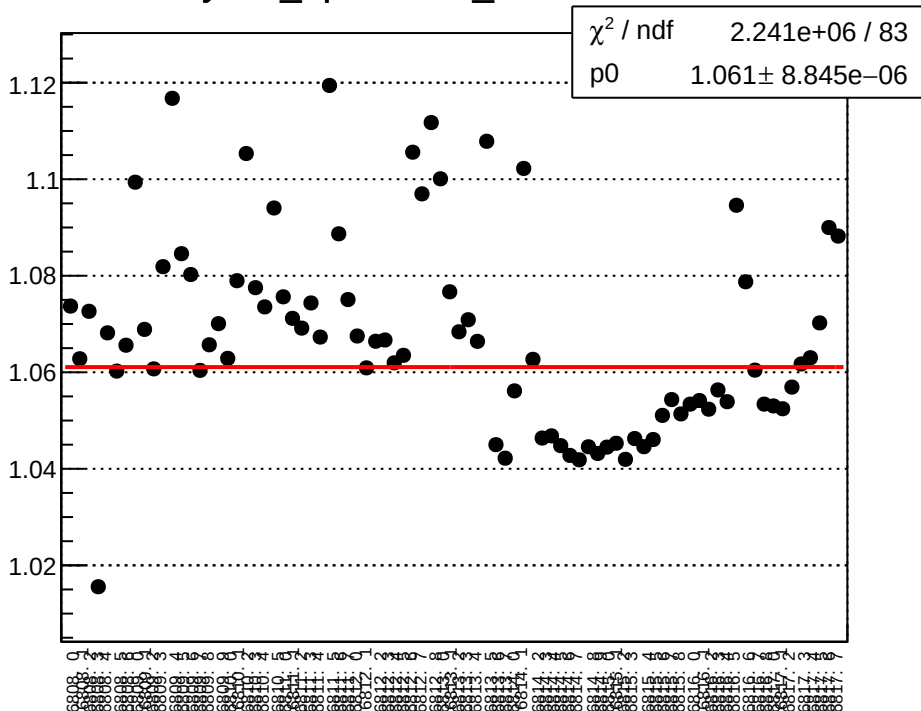
yield_bpm0l05X_mean vs run



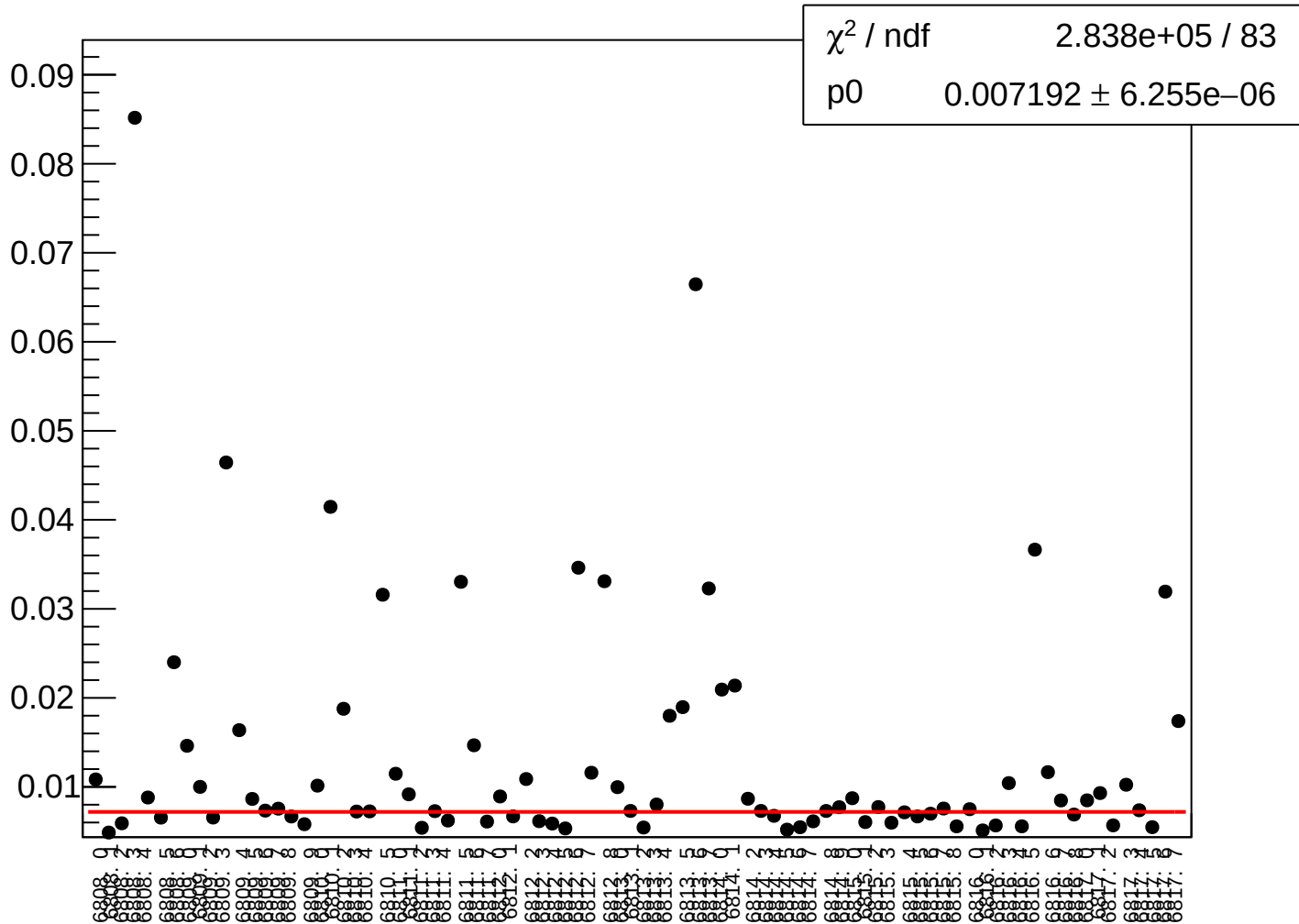
yield_bpm0l05X_rms vs run



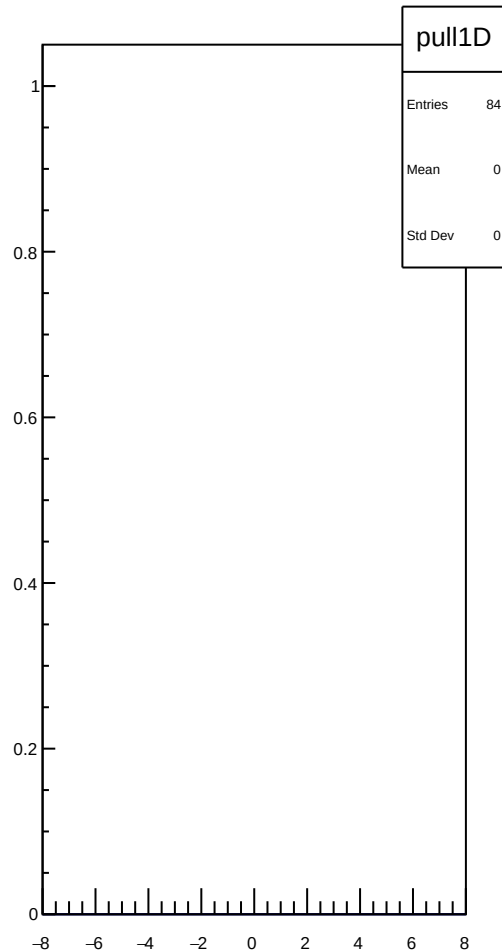
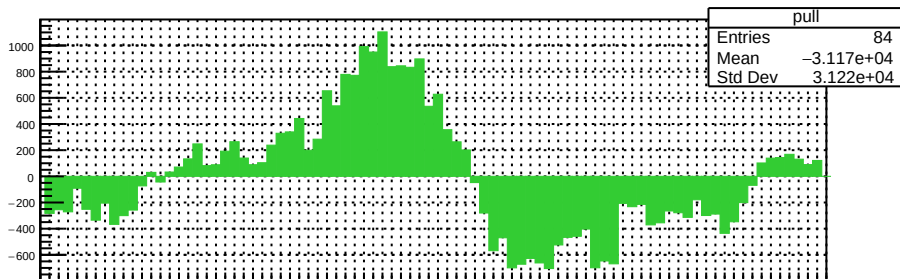
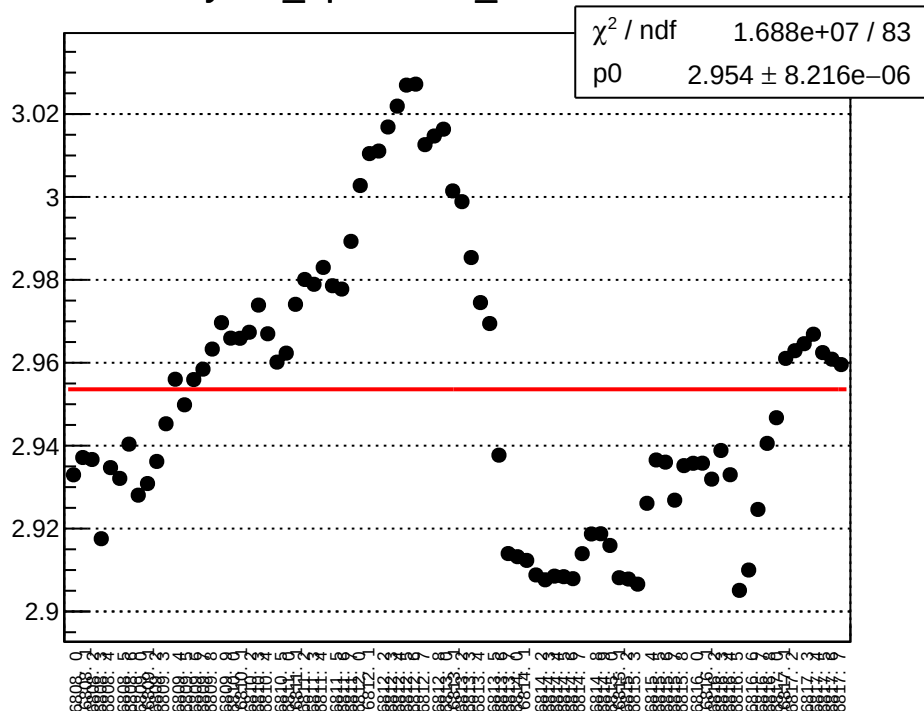
yield_bpm0l05Y_mean vs run



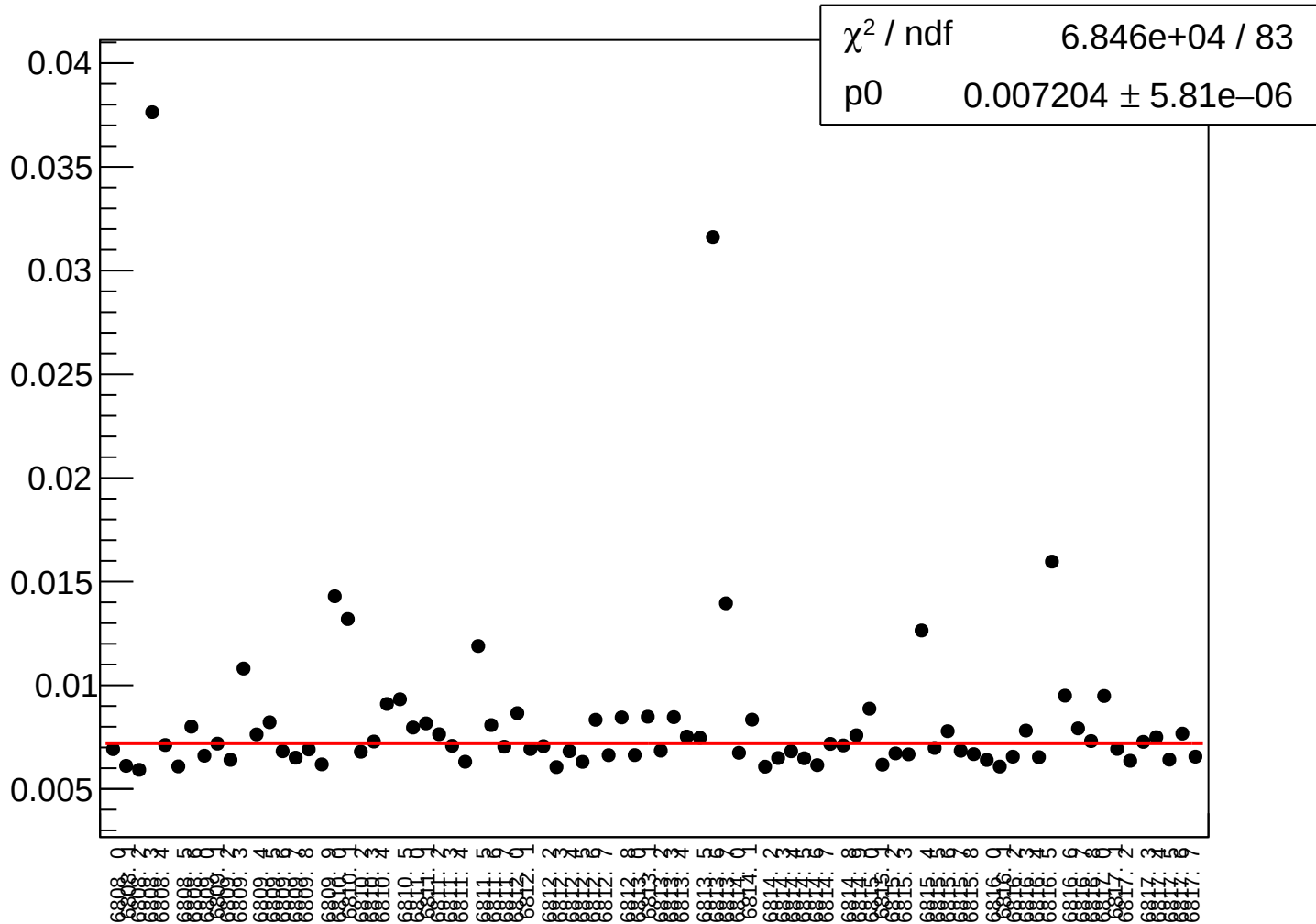
yield_bpm0l05Y_rms vs run



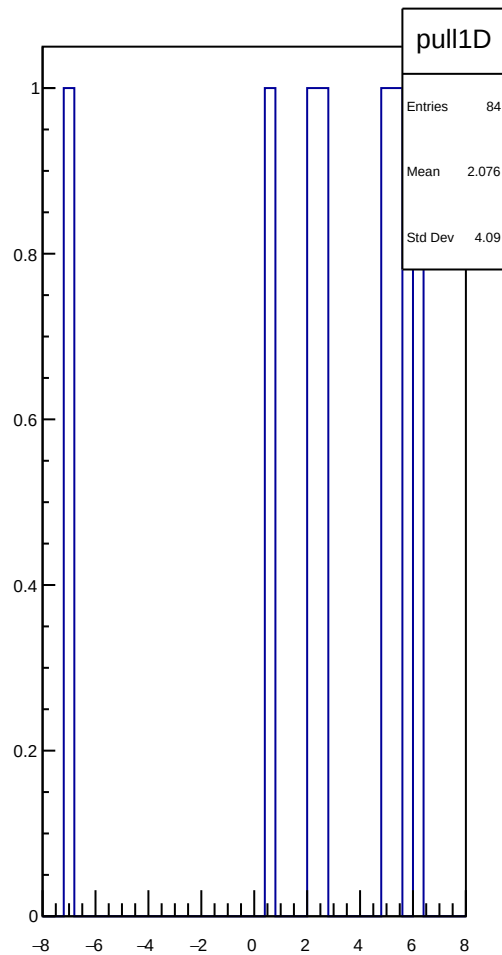
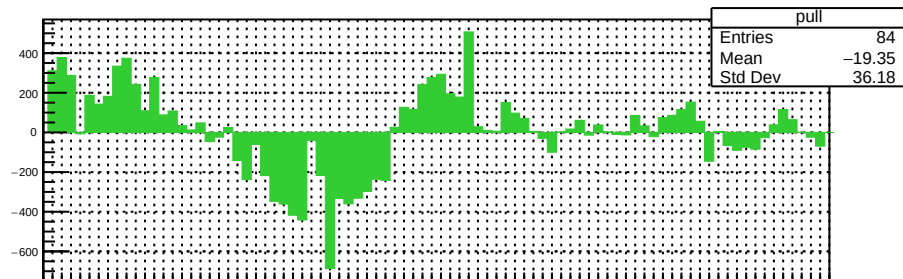
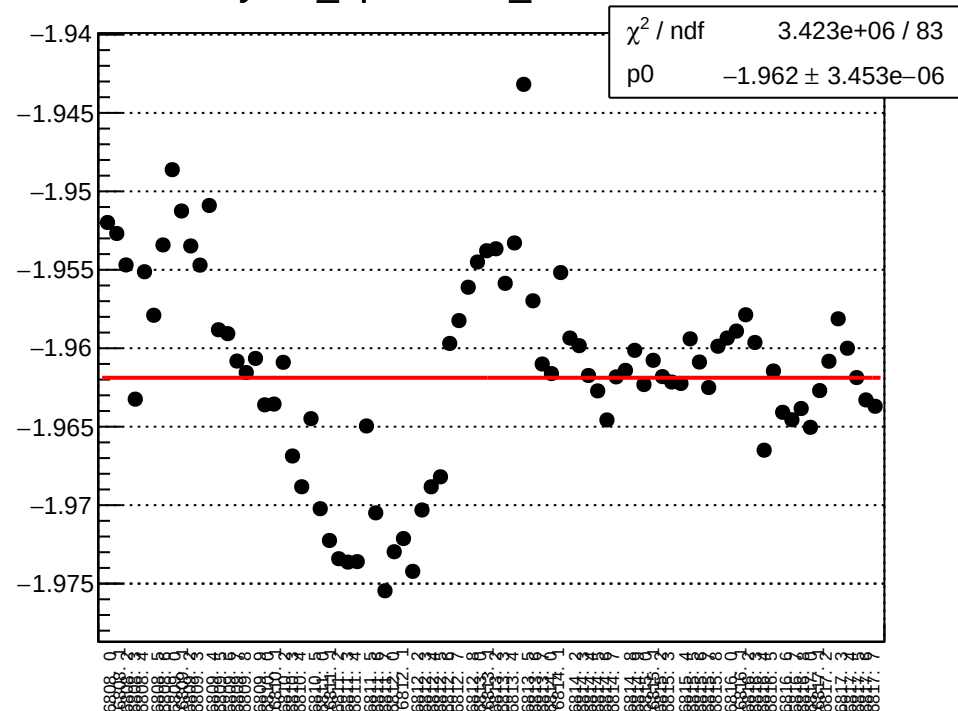
yield_bpm0I06X_mean vs run



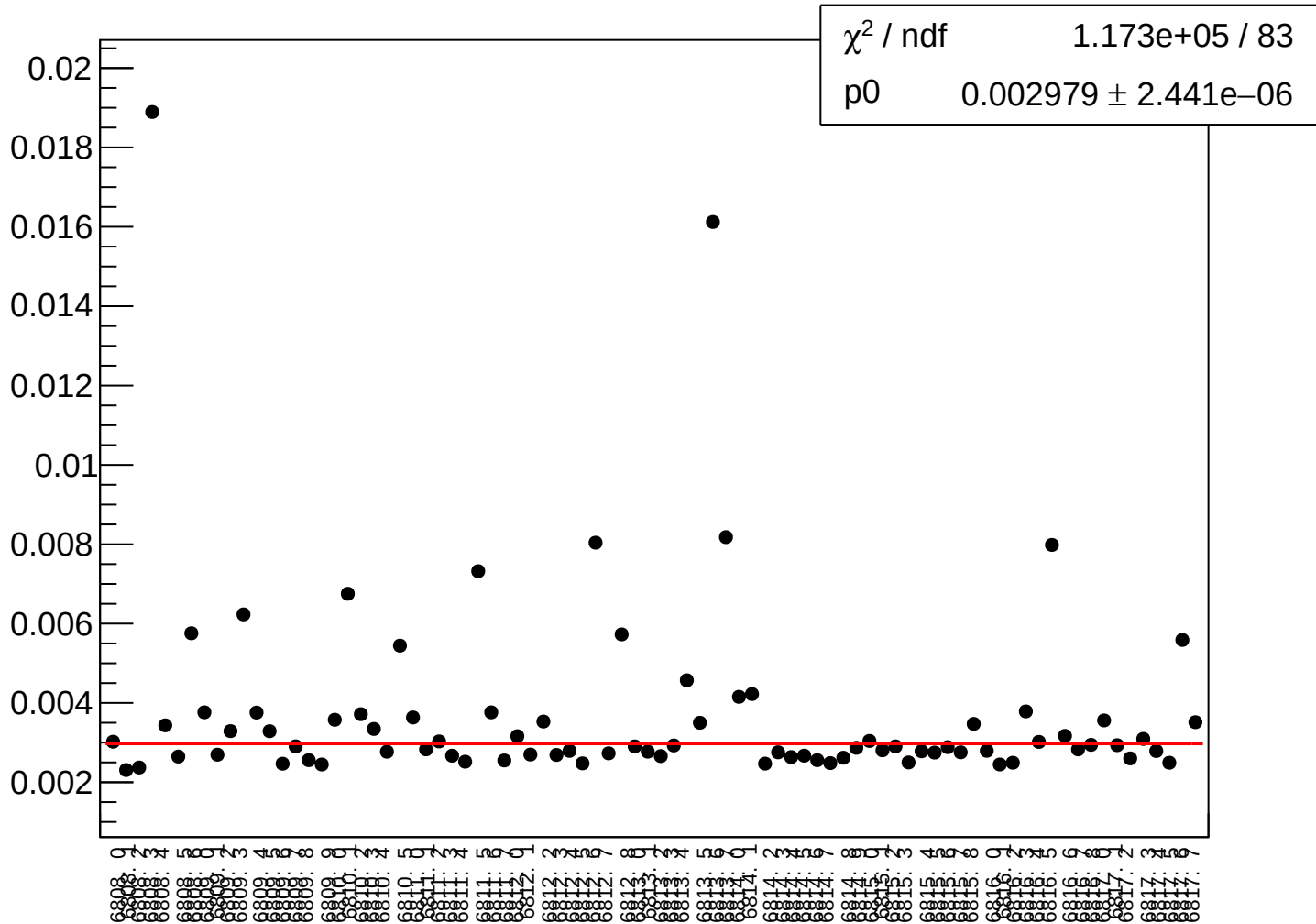
yield_bpm0l06X_rms vs run



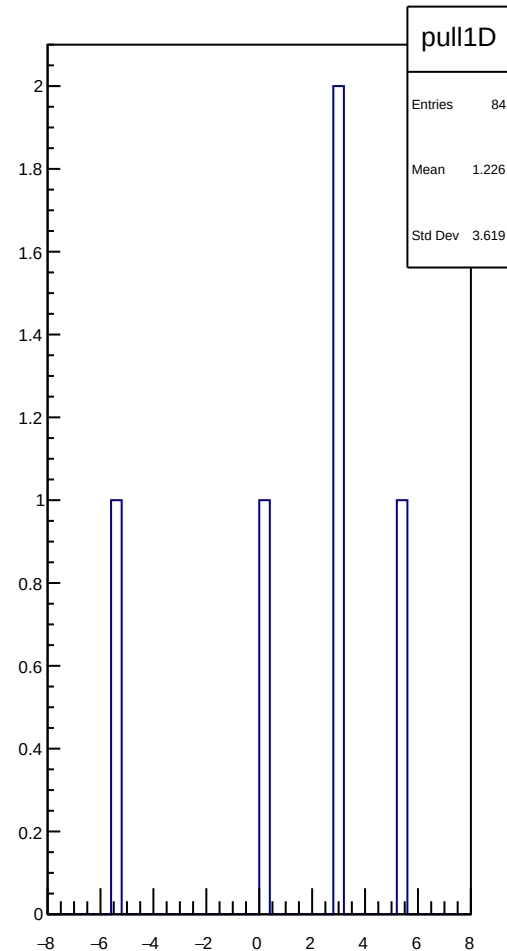
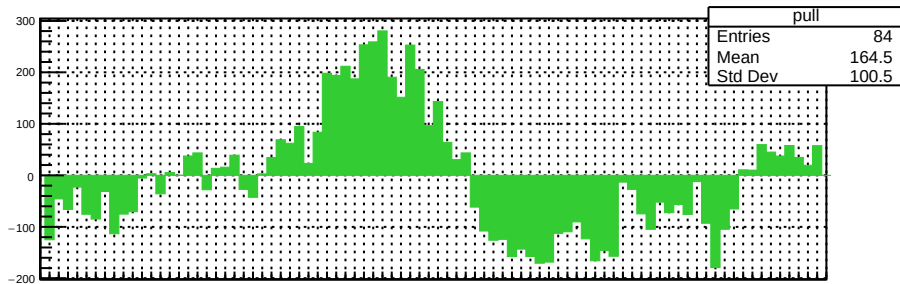
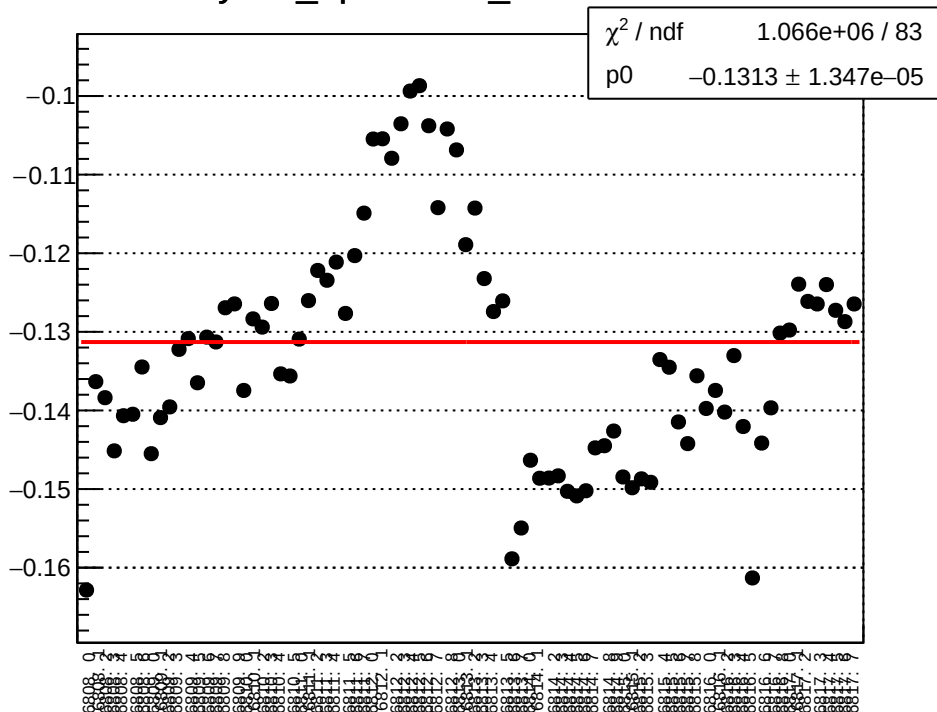
yield_bpm0l06Y_mean vs run



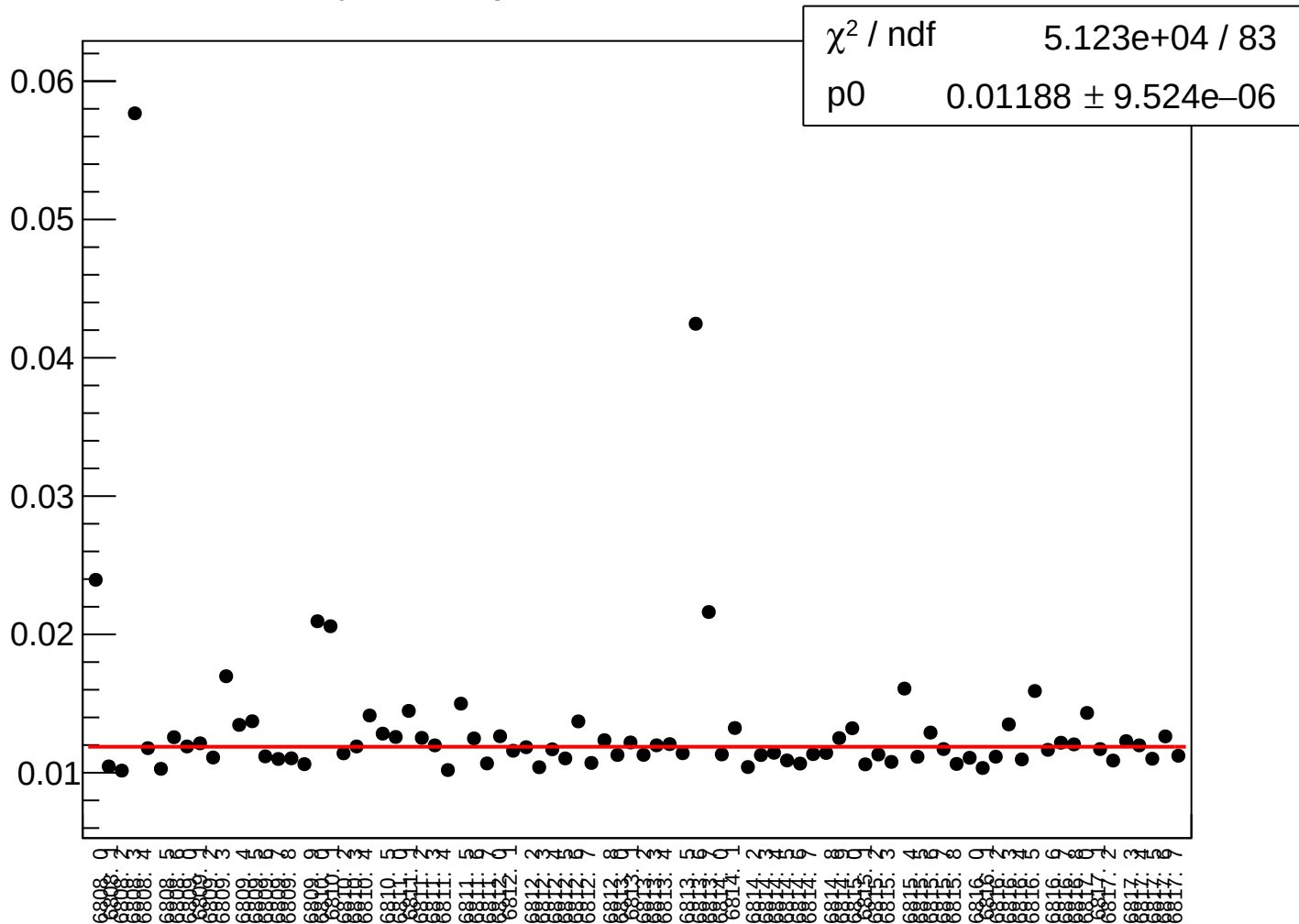
yield_bpm0l06Y_rms vs run



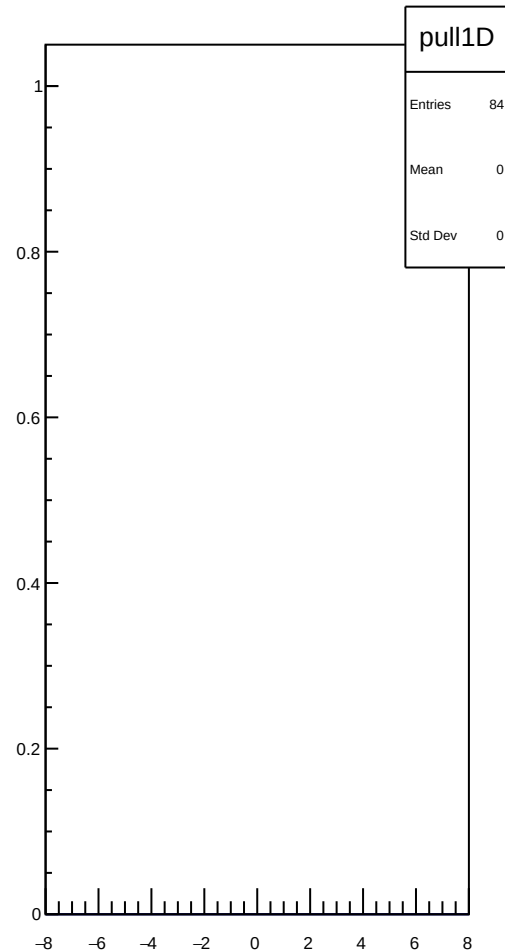
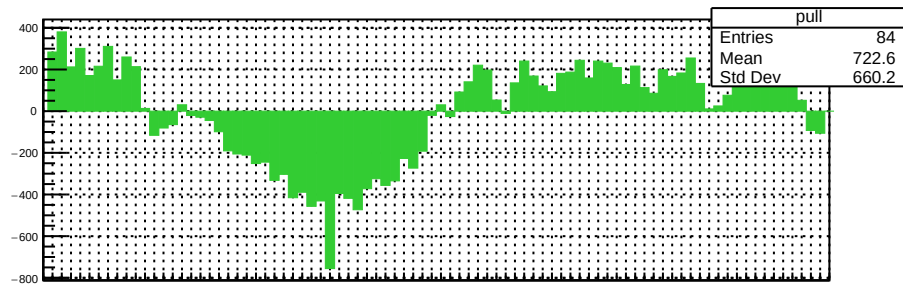
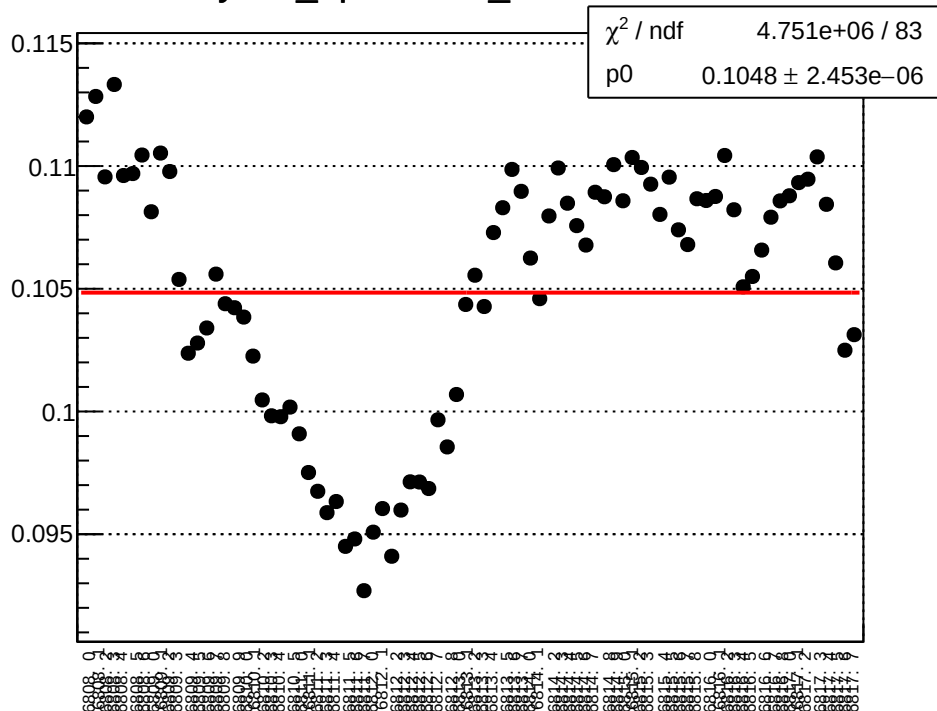
yield_bpm0107X_mean vs run



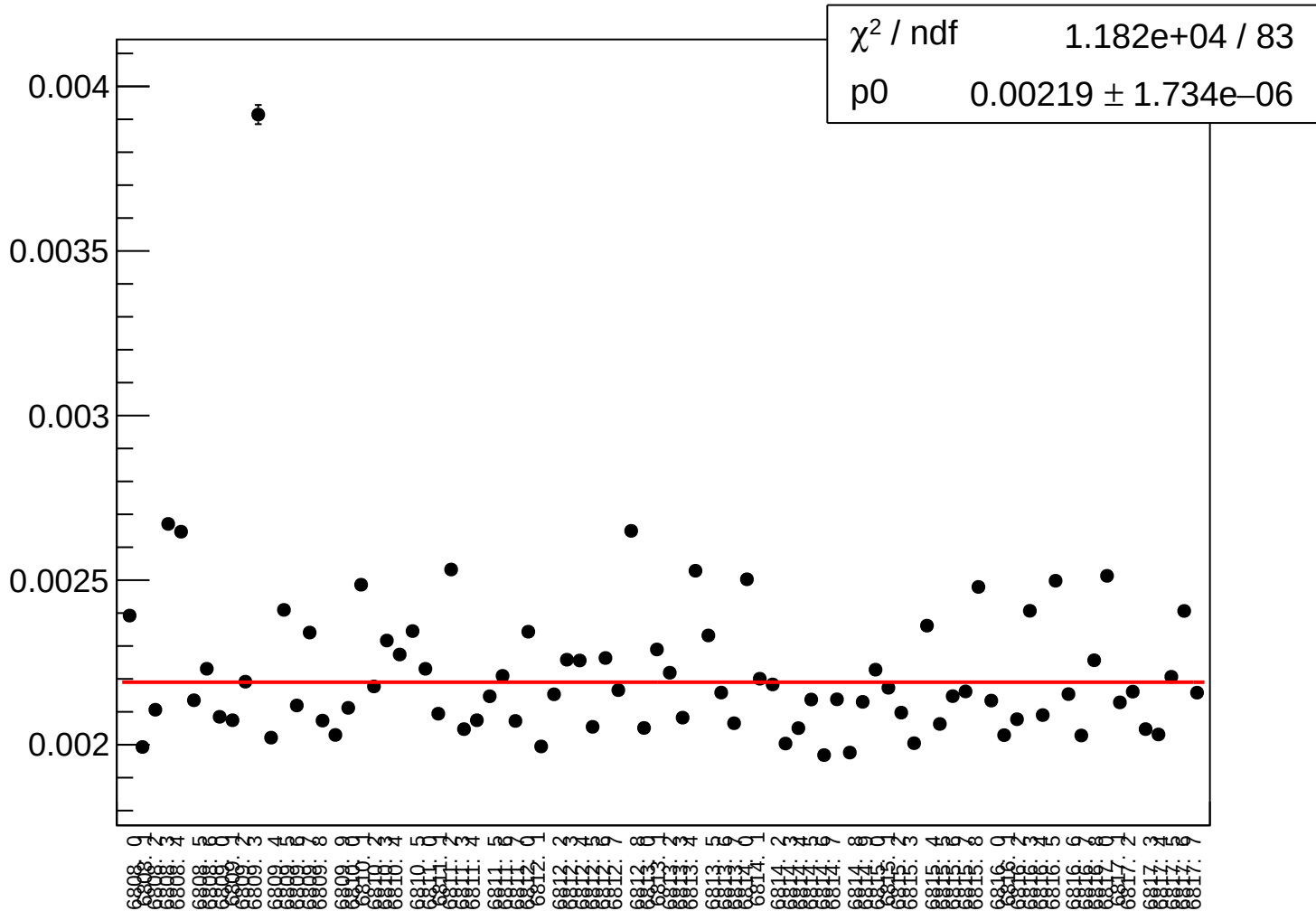
yield_bpm0l07X_rms vs run



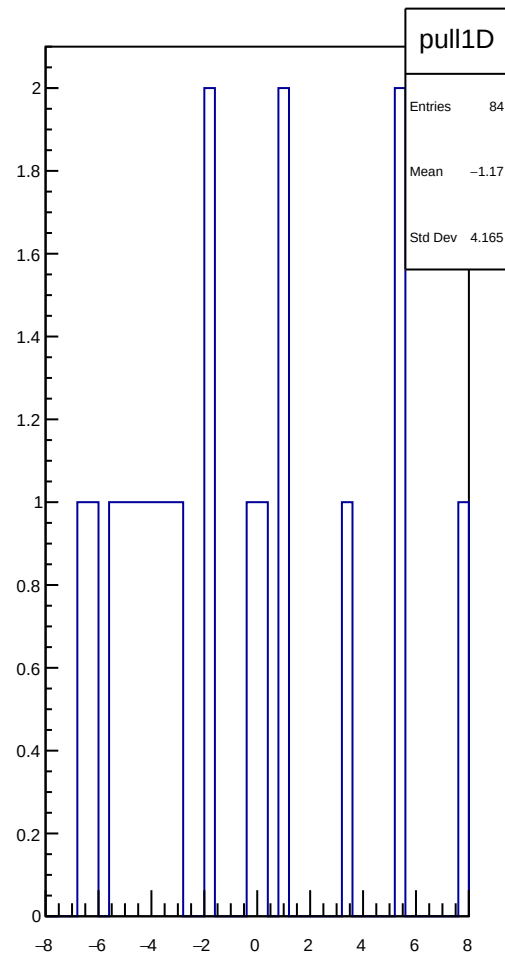
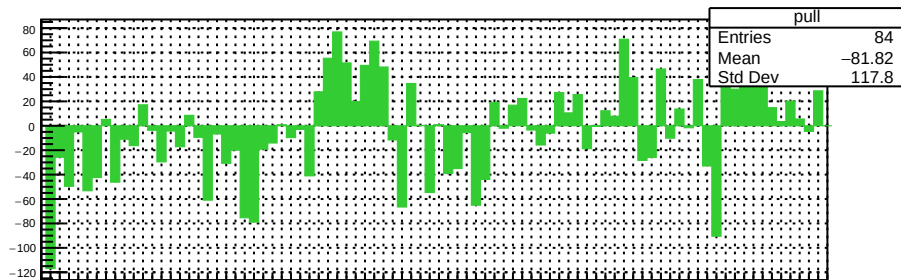
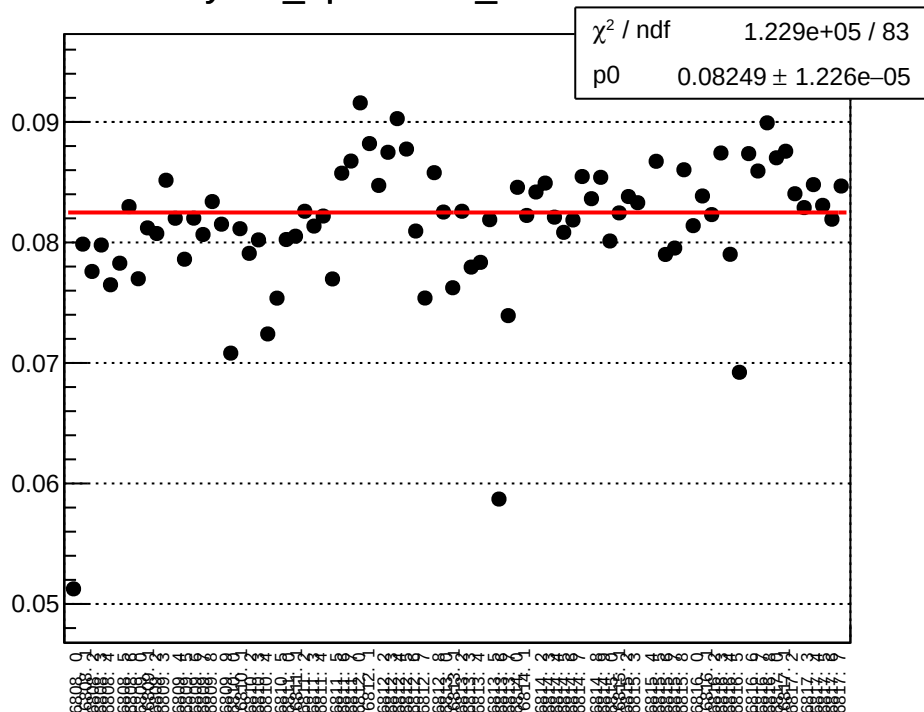
yield_bpm0l07Y_mean vs run



yield_bpm0l07Y_rms vs run



yield_bpm0l08X_mean vs run



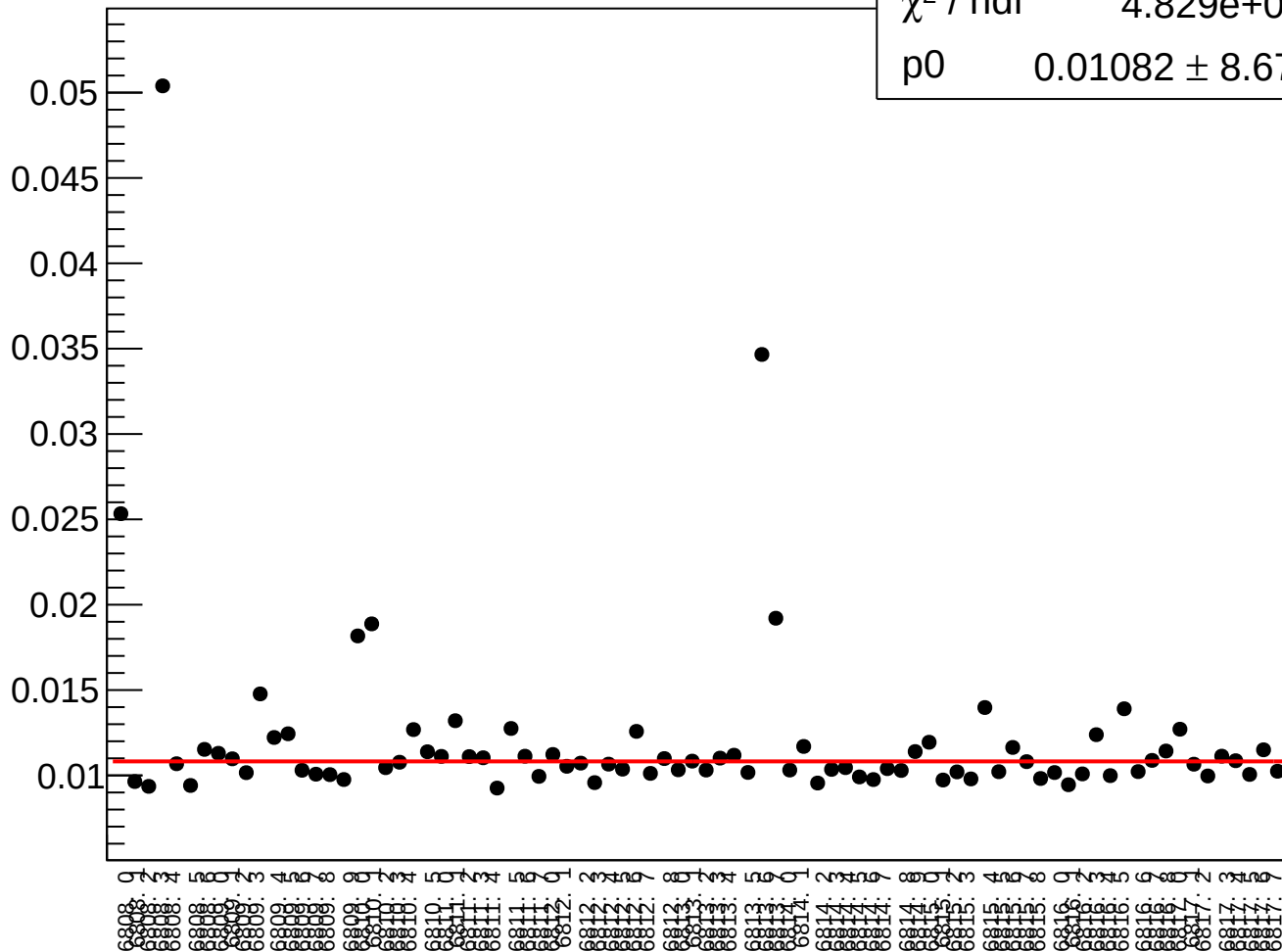
yield_bpm0l08X_rms vs run

χ^2 / ndf

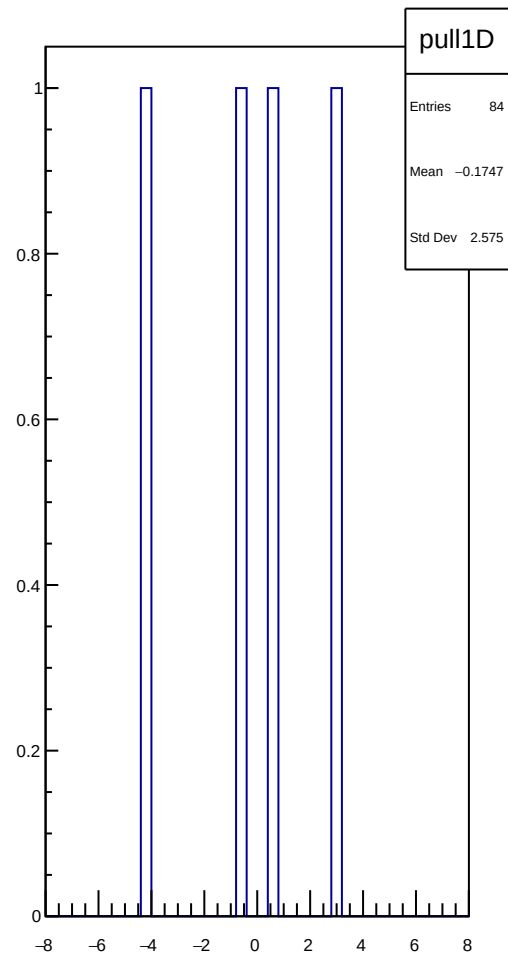
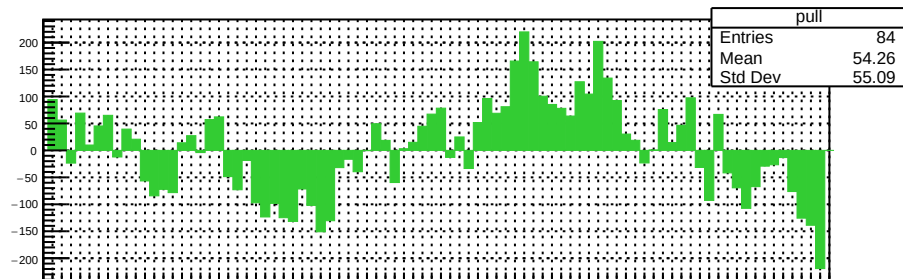
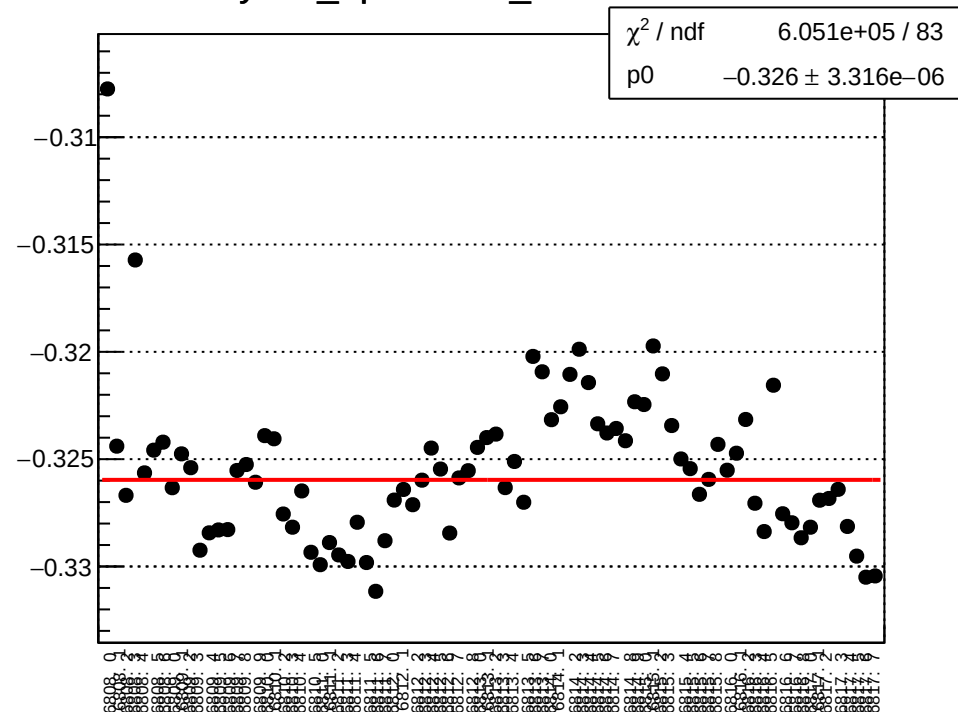
4.829e+04 / 83

p0

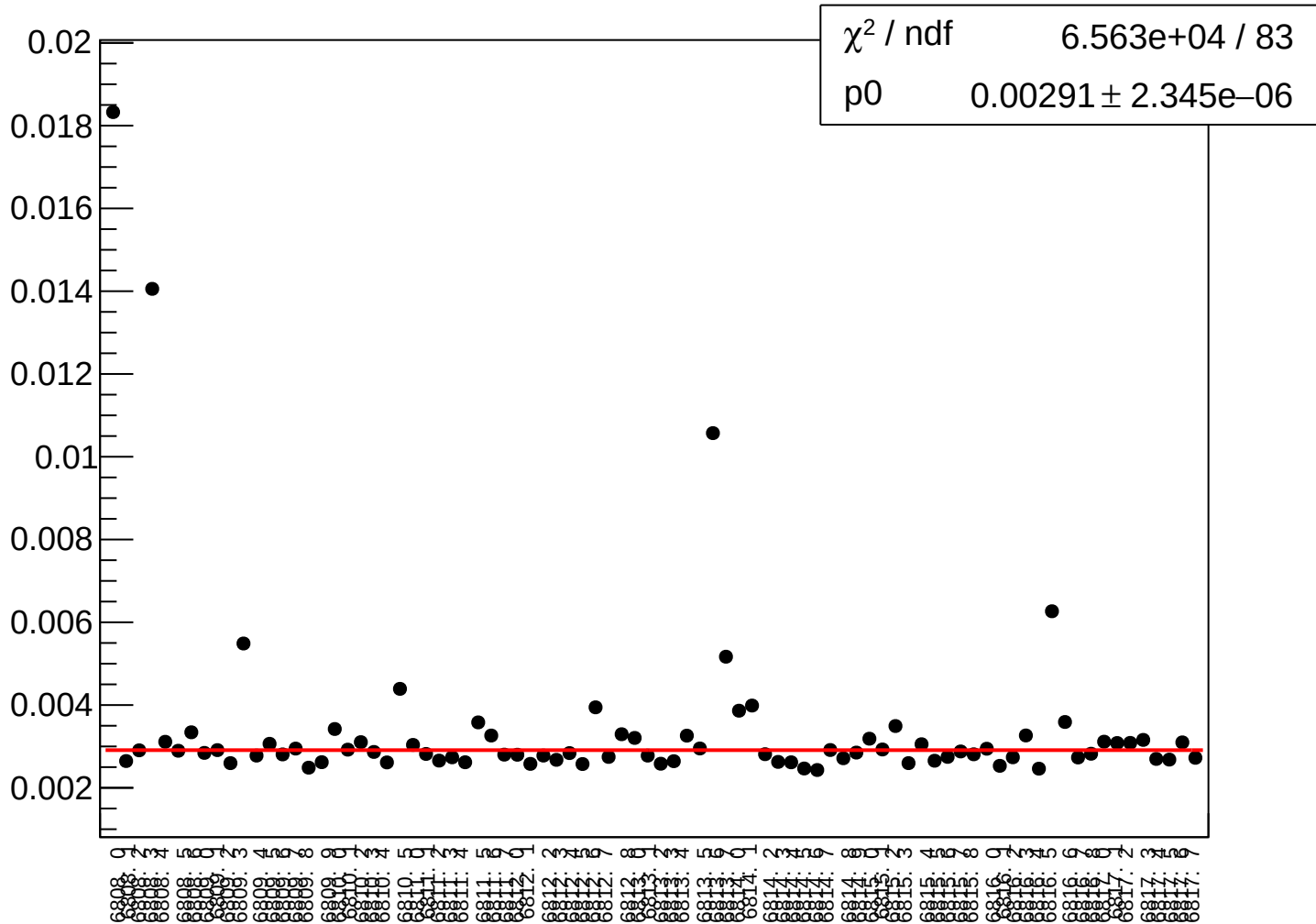
$0.01082 \pm 8.67\text{e-}06$



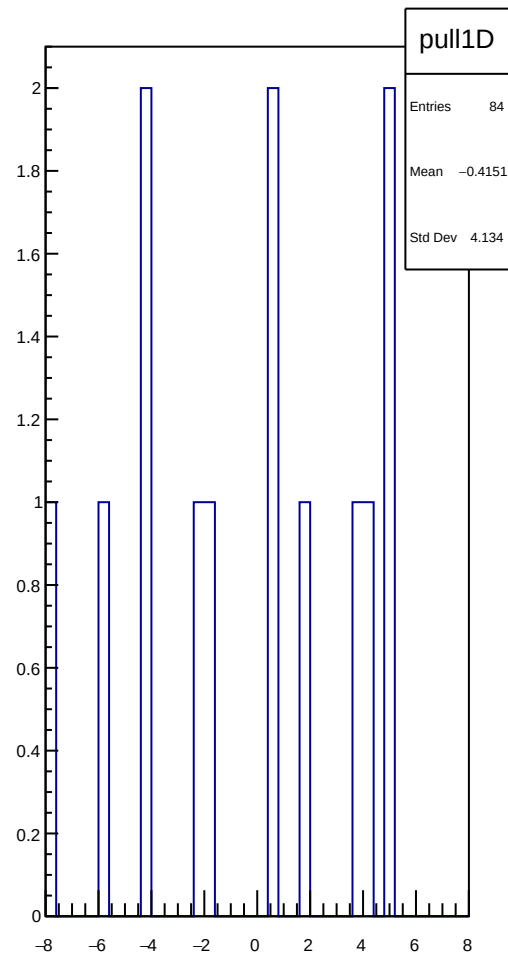
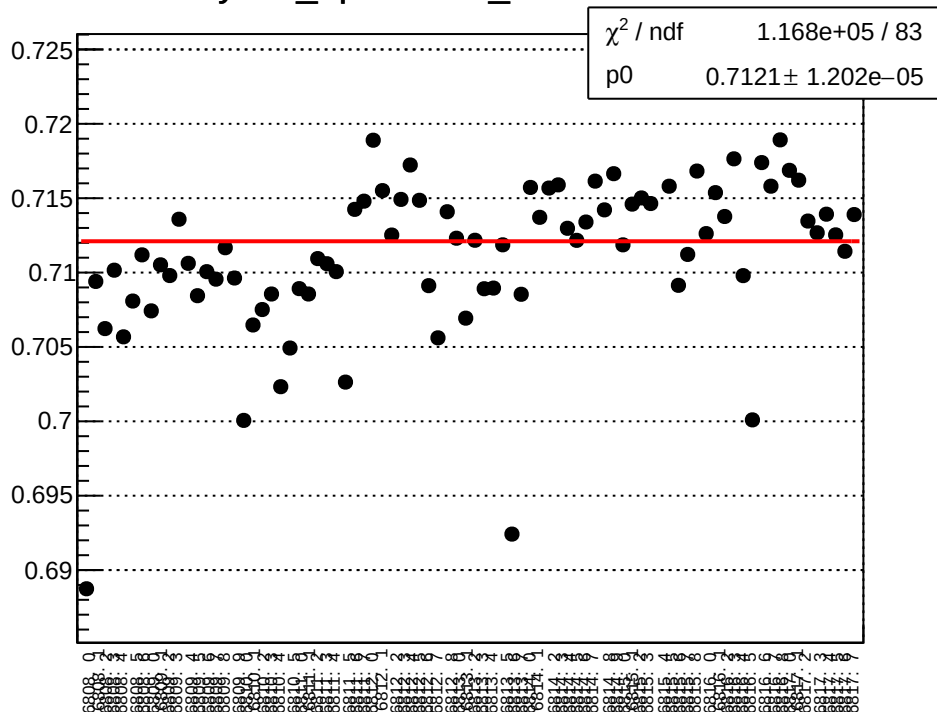
yield_bpm0l08Y_mean vs run



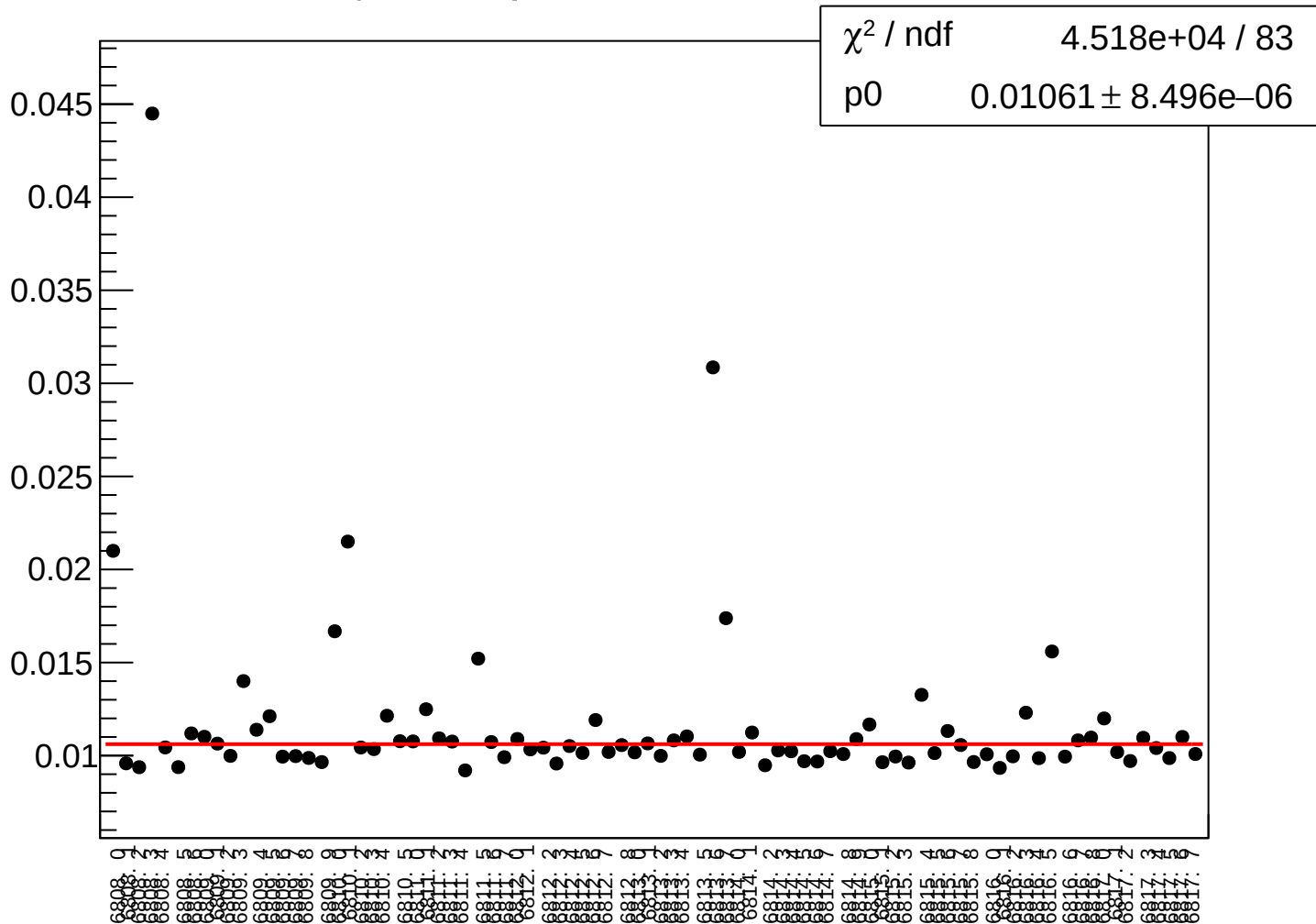
yield_bpm0l08Y_rms vs run



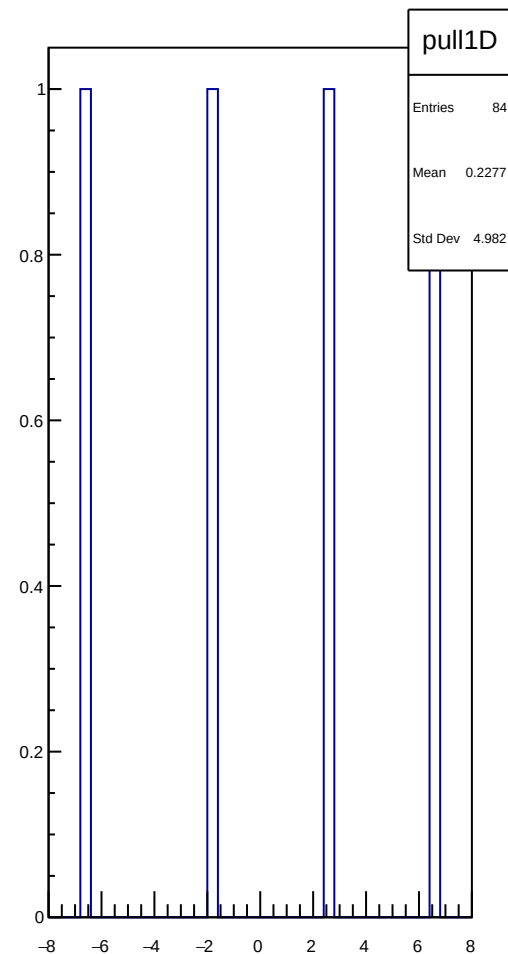
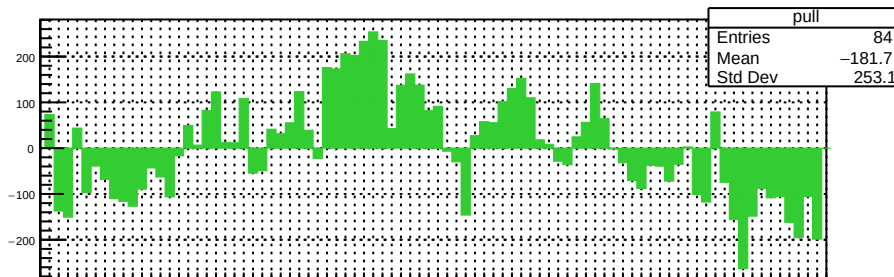
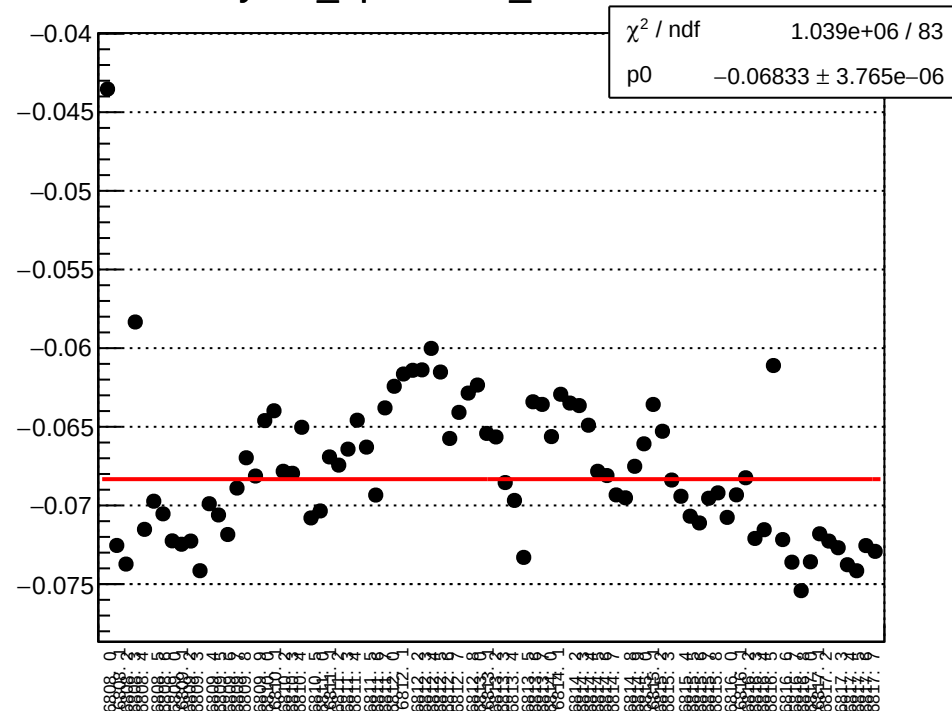
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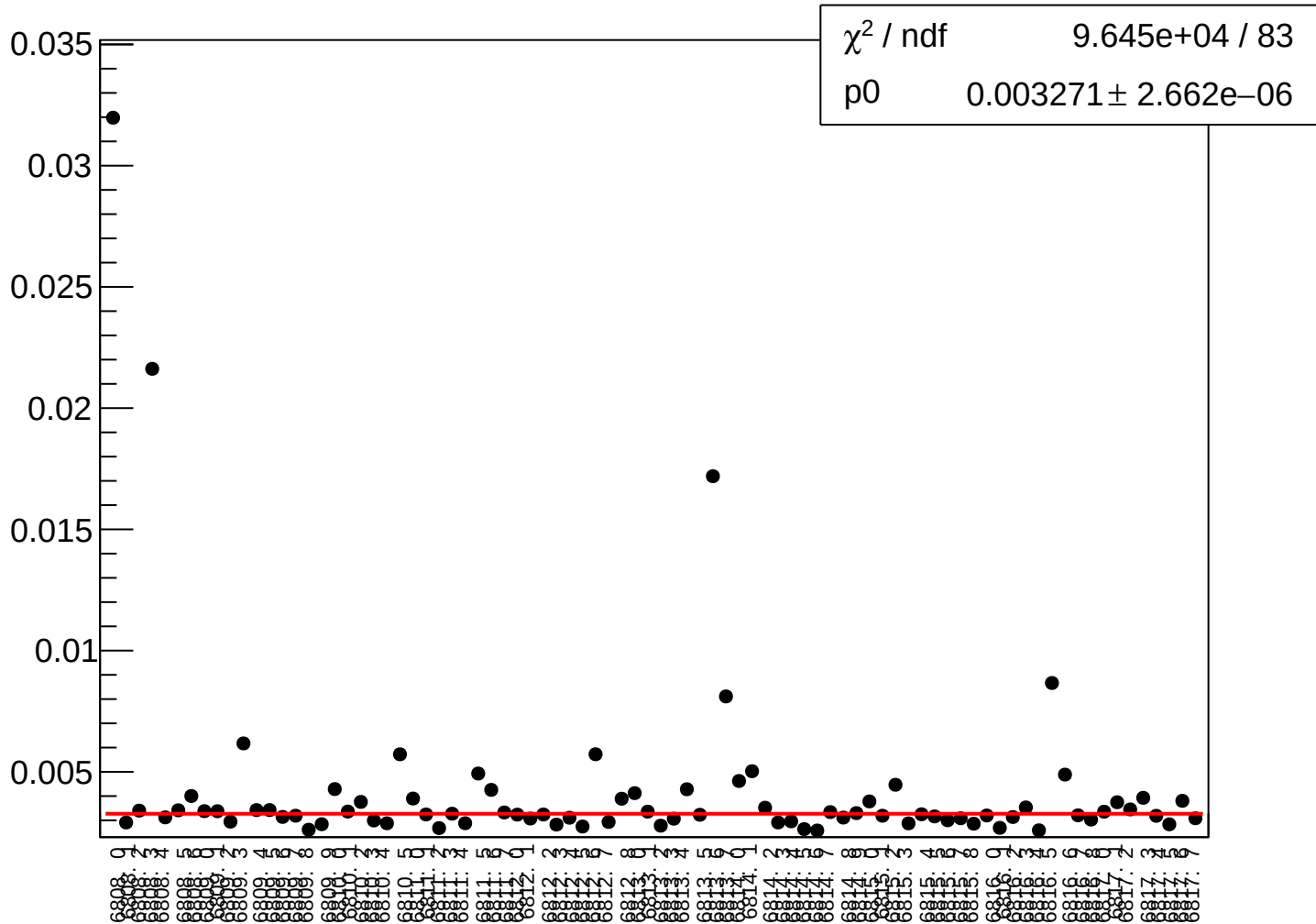
yield_bpm0l09X_rms vs run



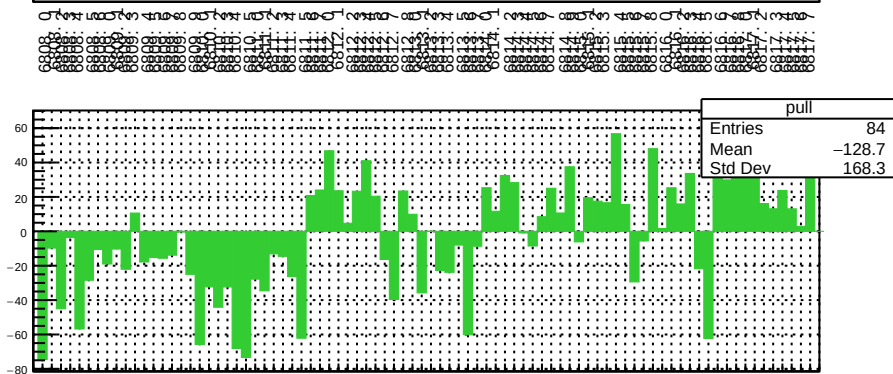
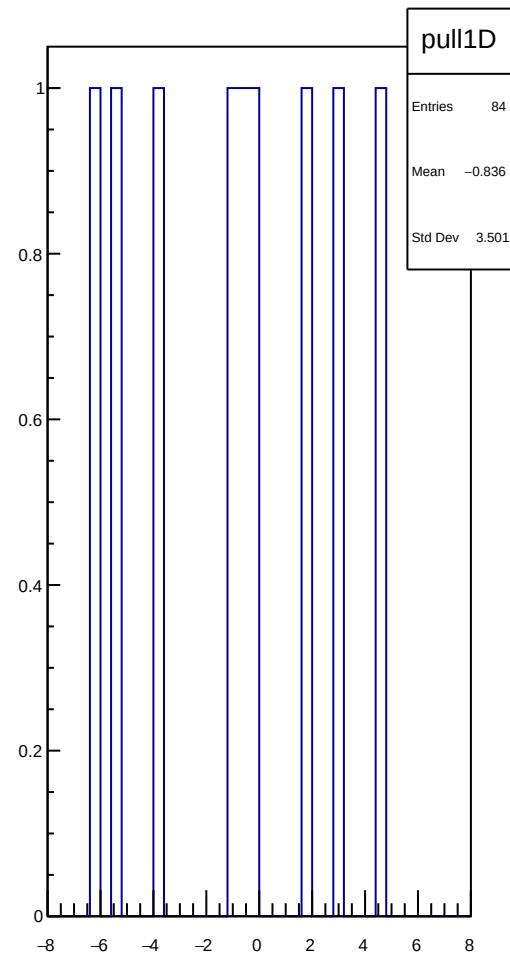
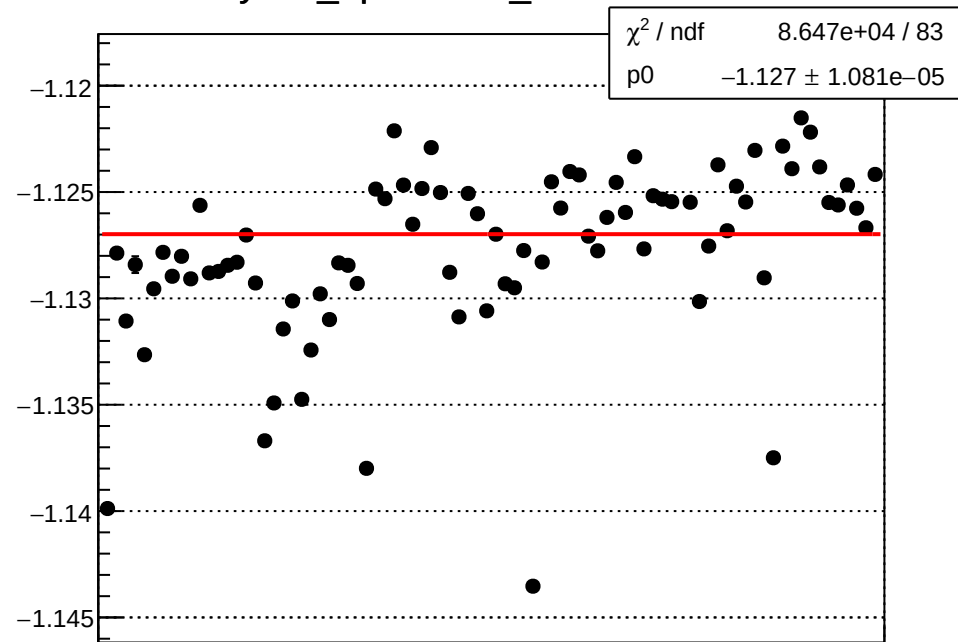
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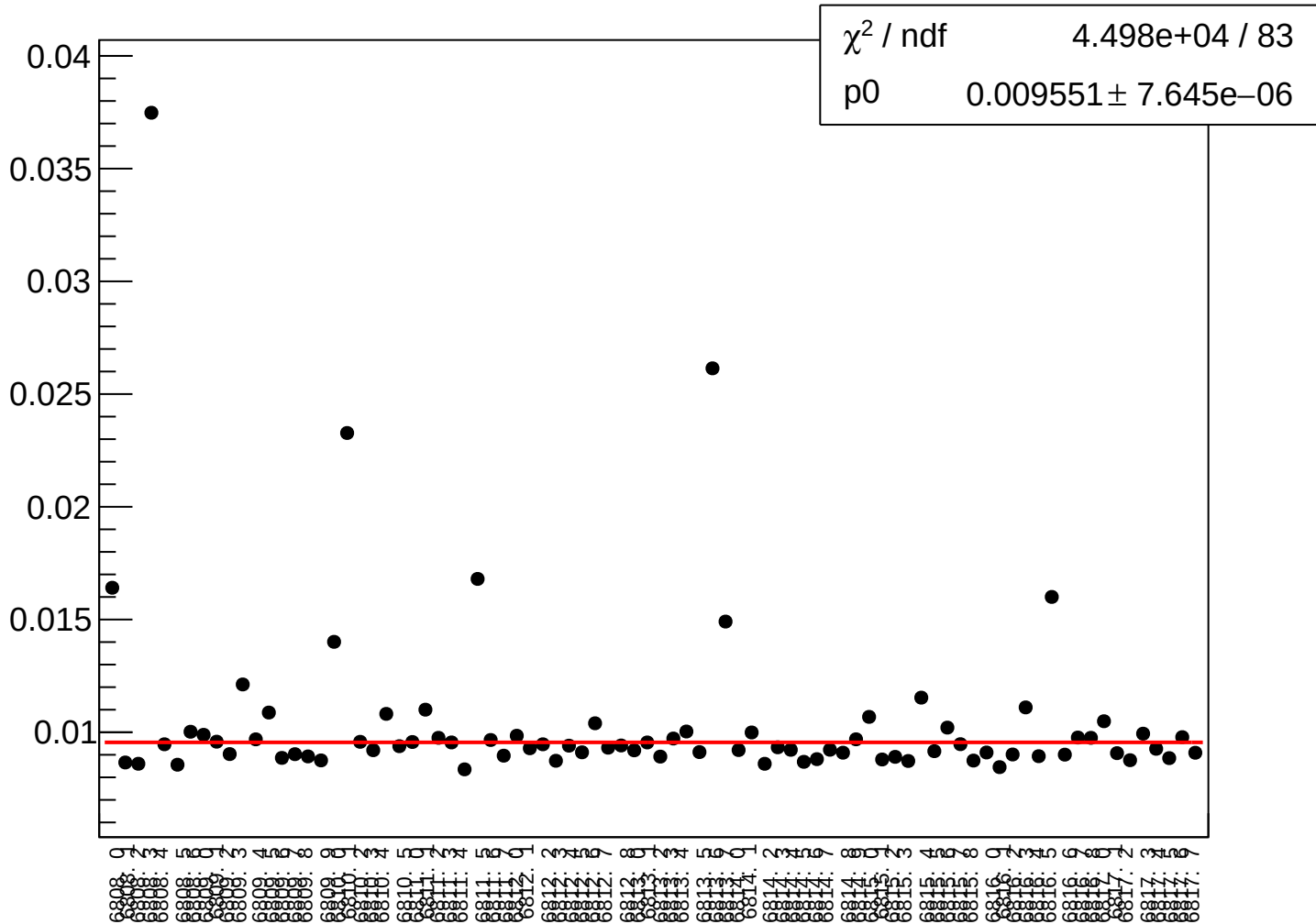
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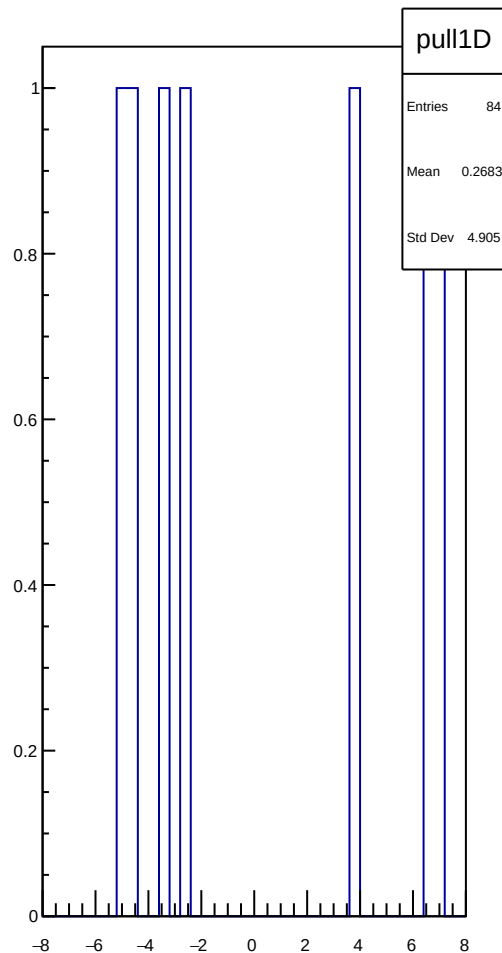
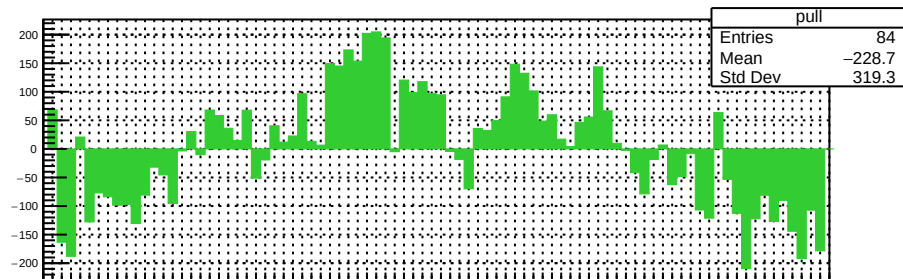
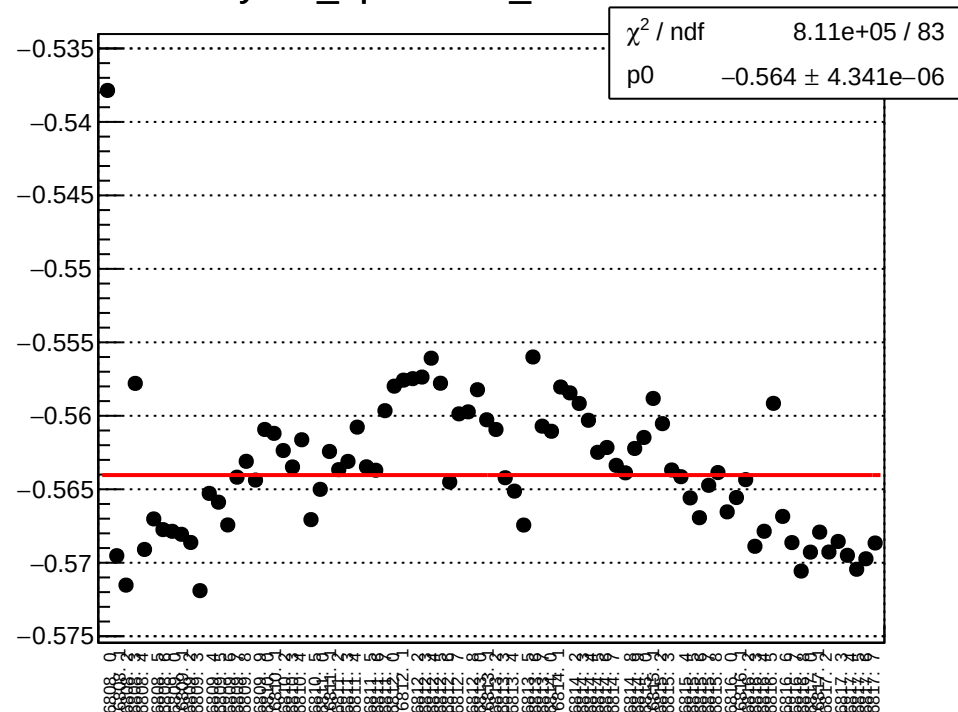
yield_bpm0l10X_mean vs run



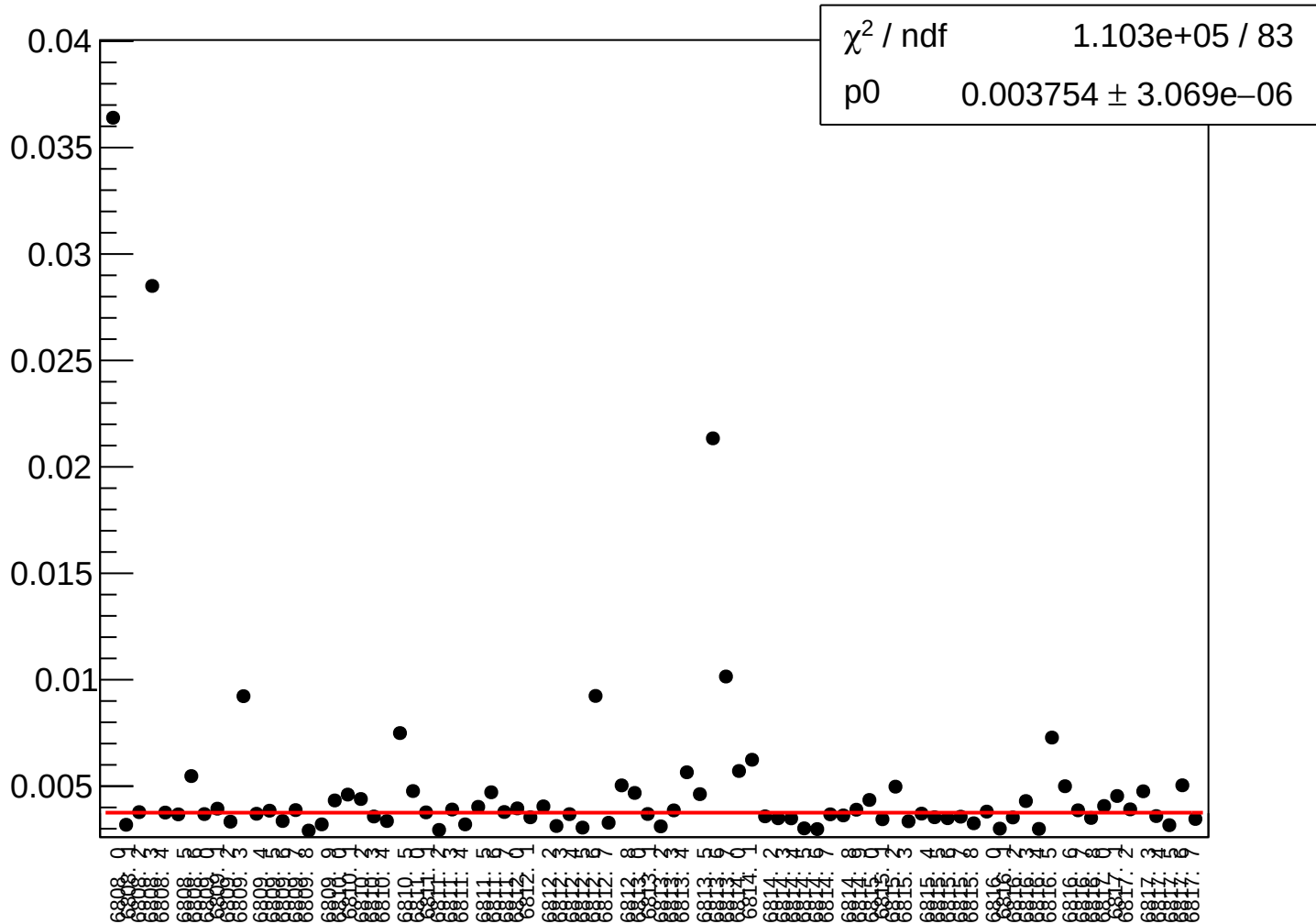
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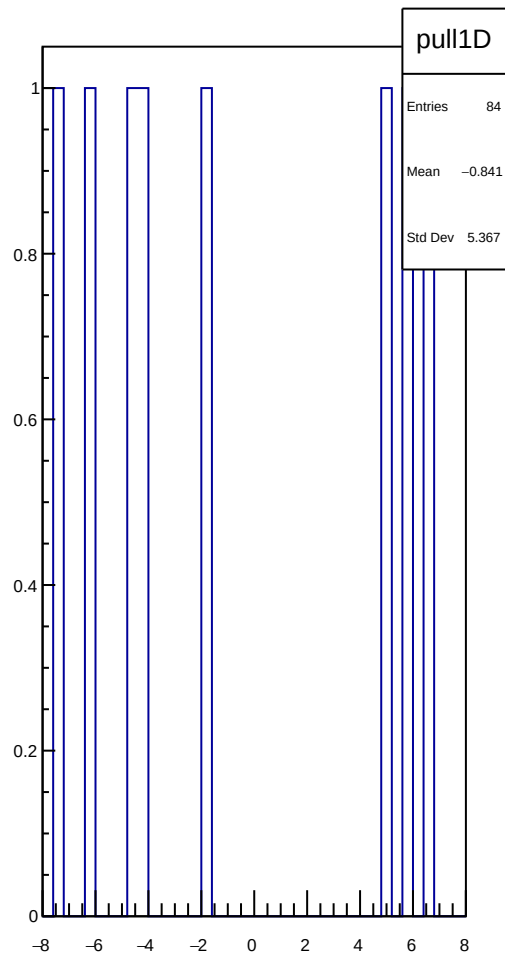
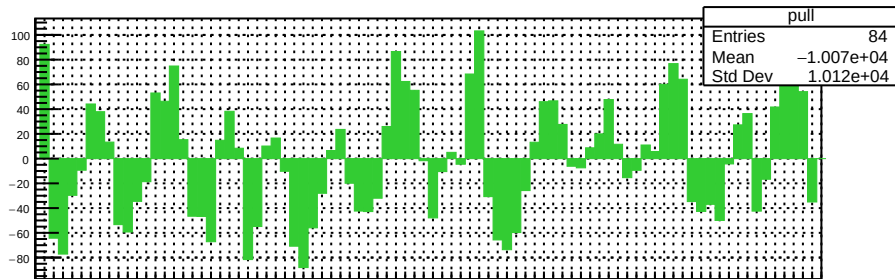
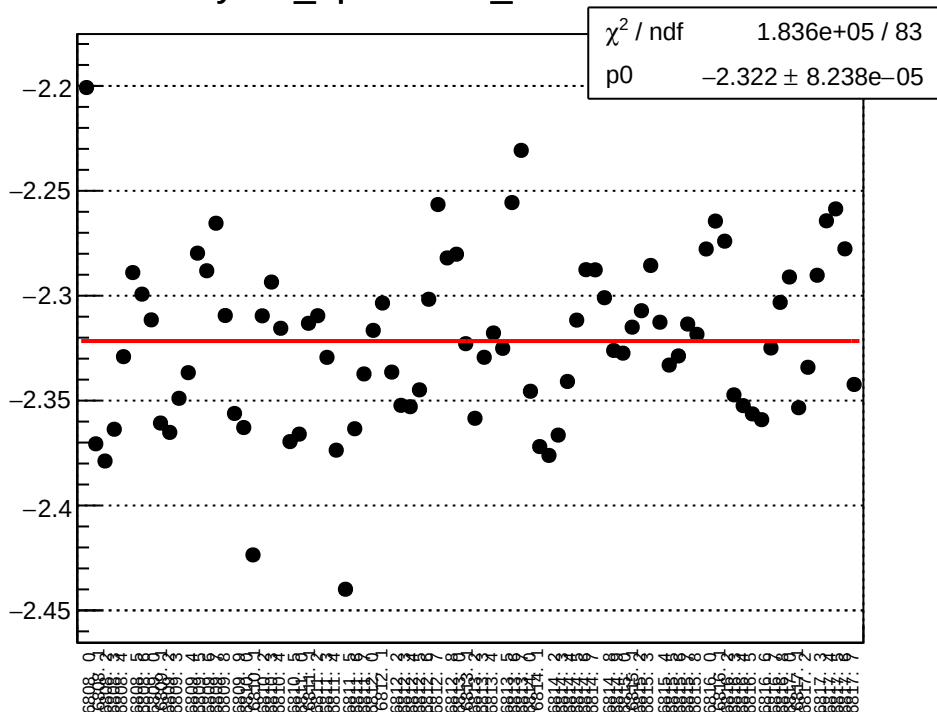
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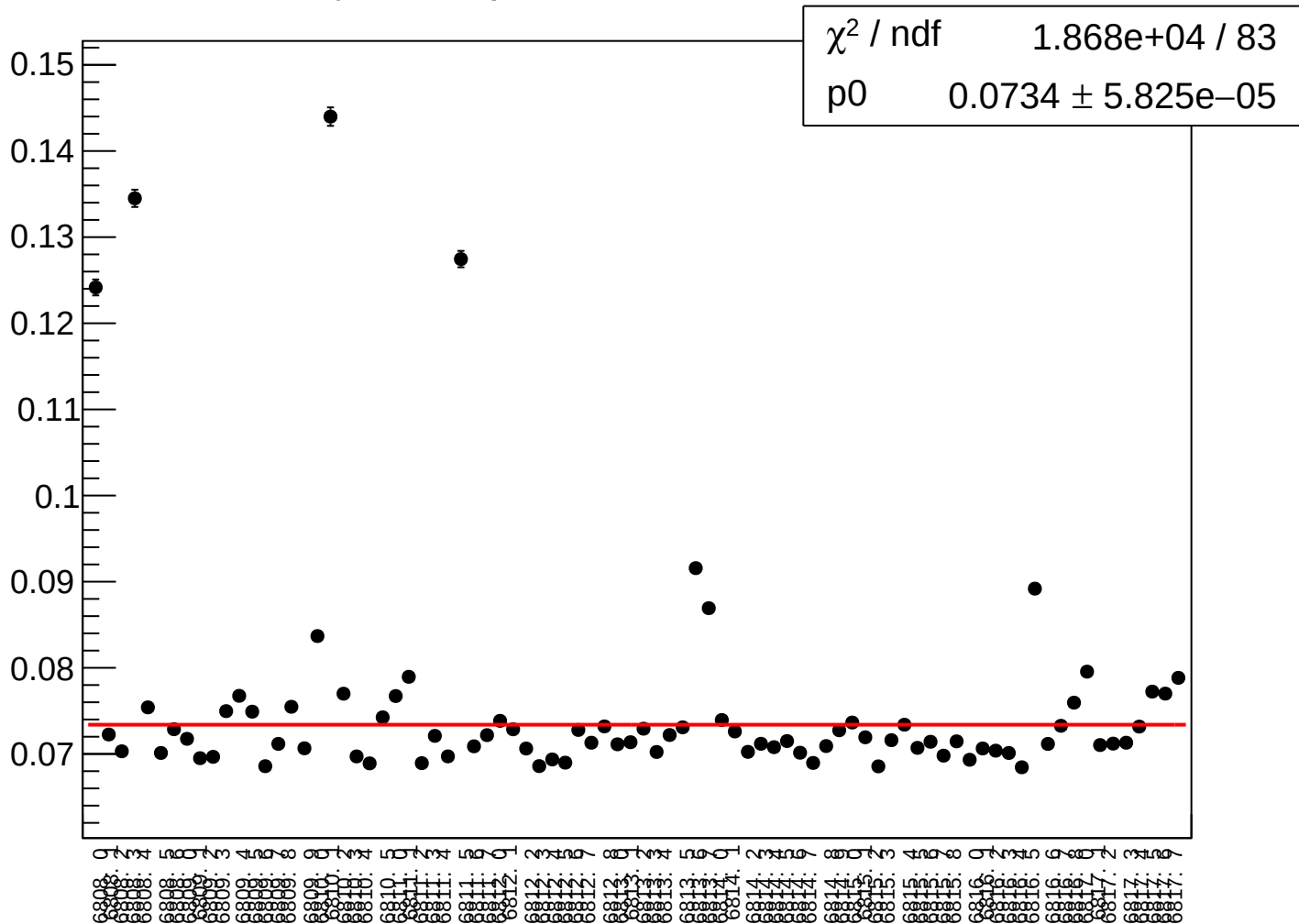
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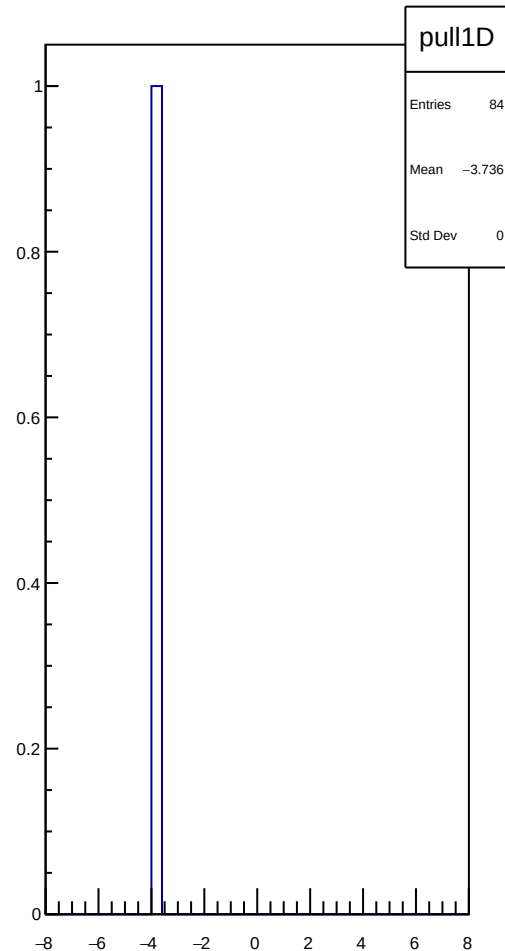
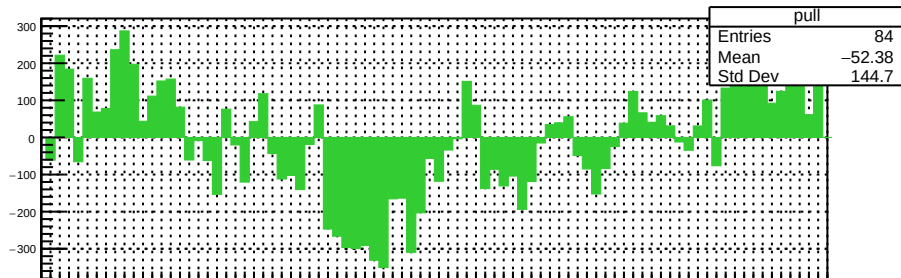
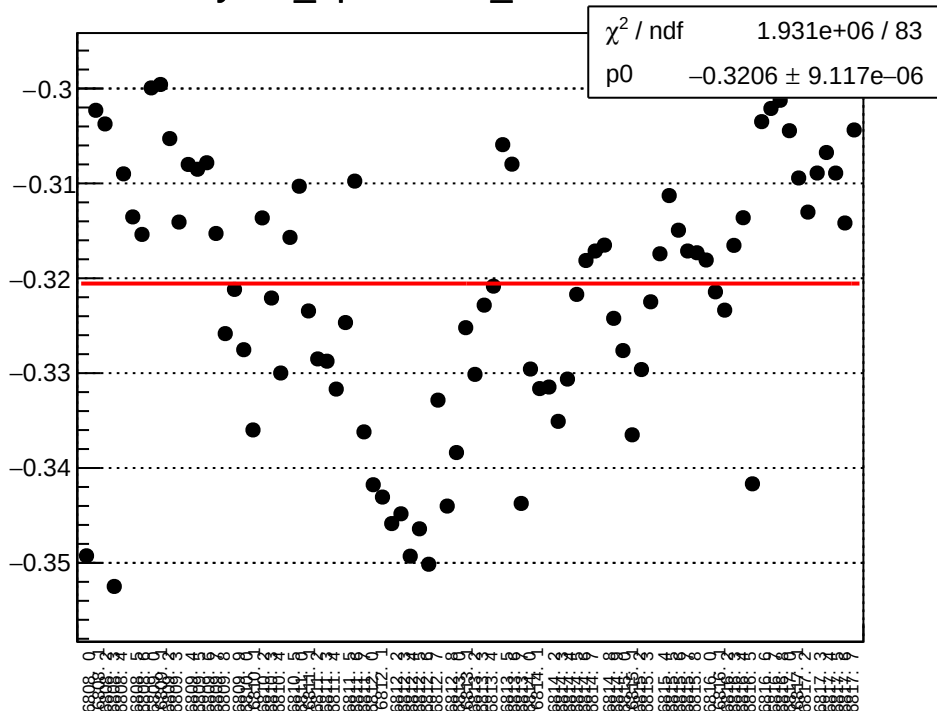
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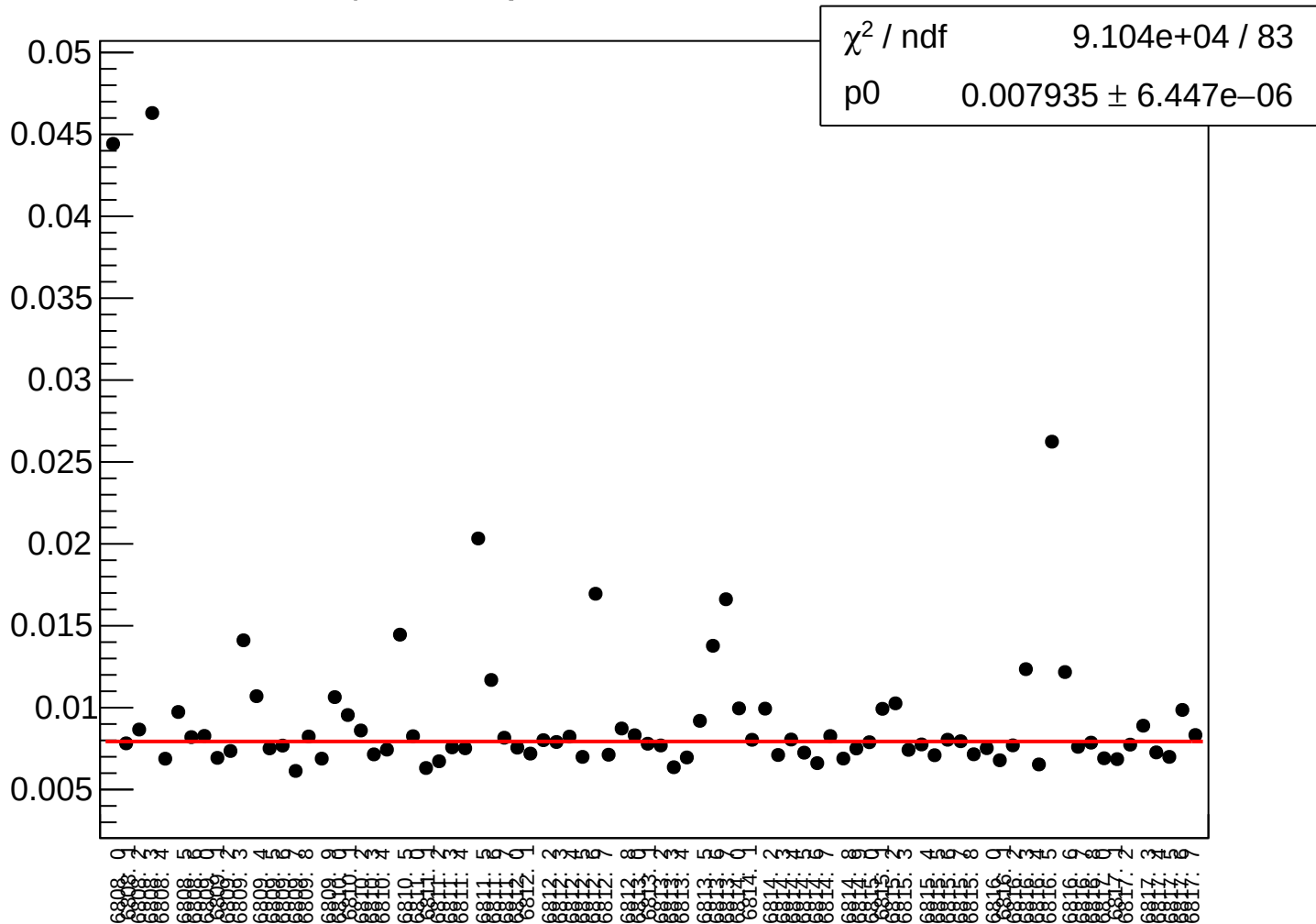
yield_bpm0r03X_rms vs run



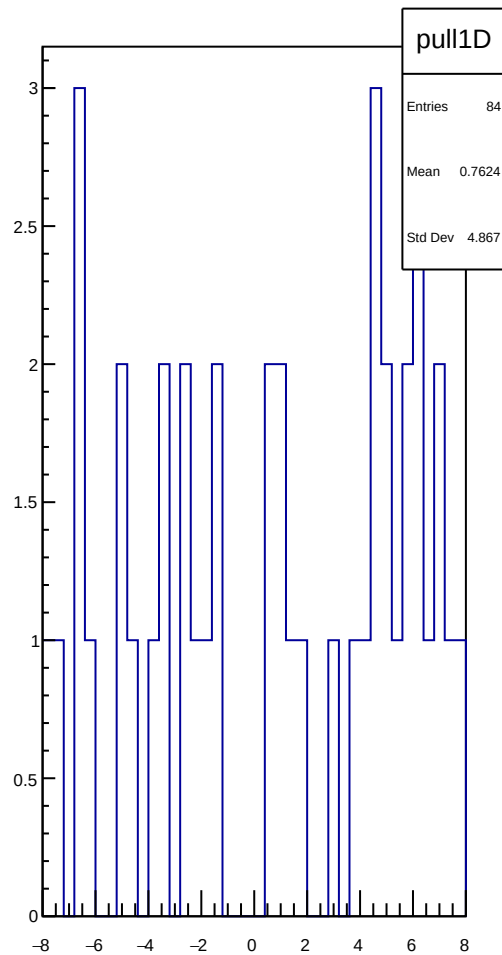
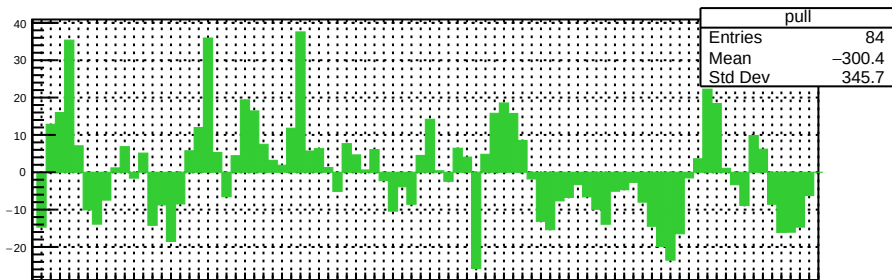
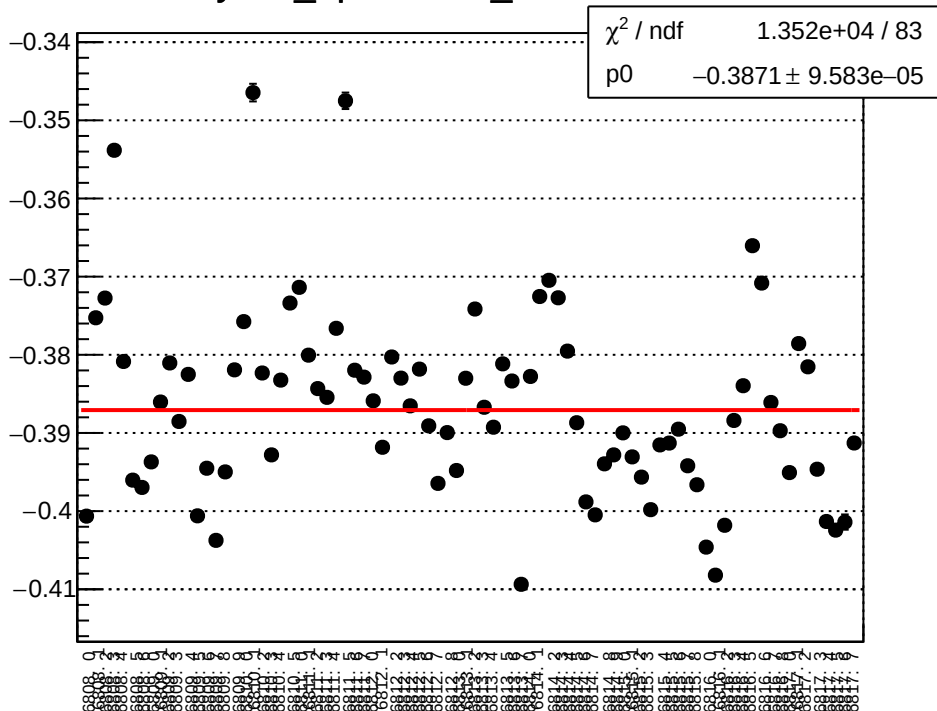
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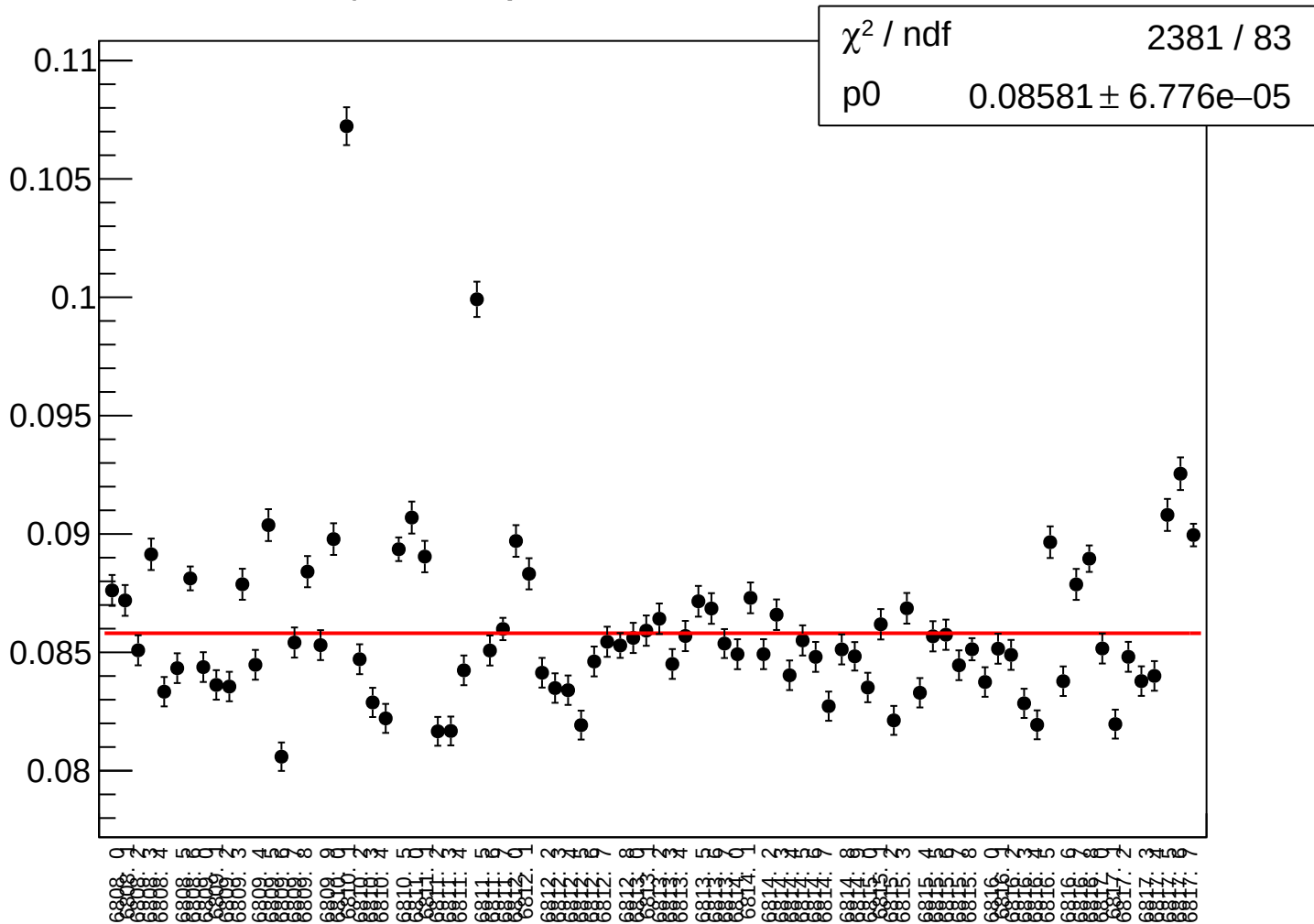
yield_bpm0r03Y_rms vs run



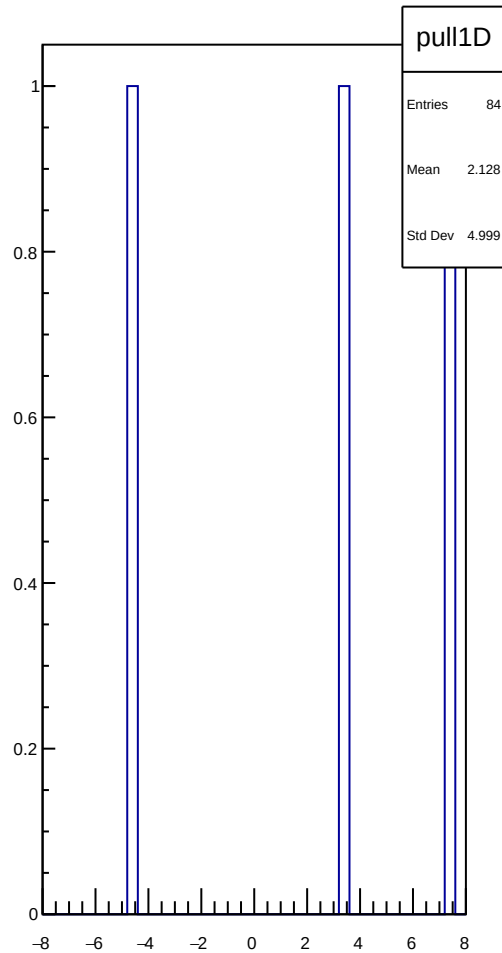
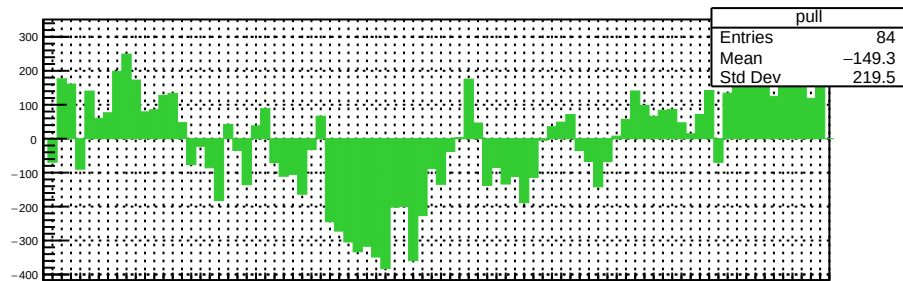
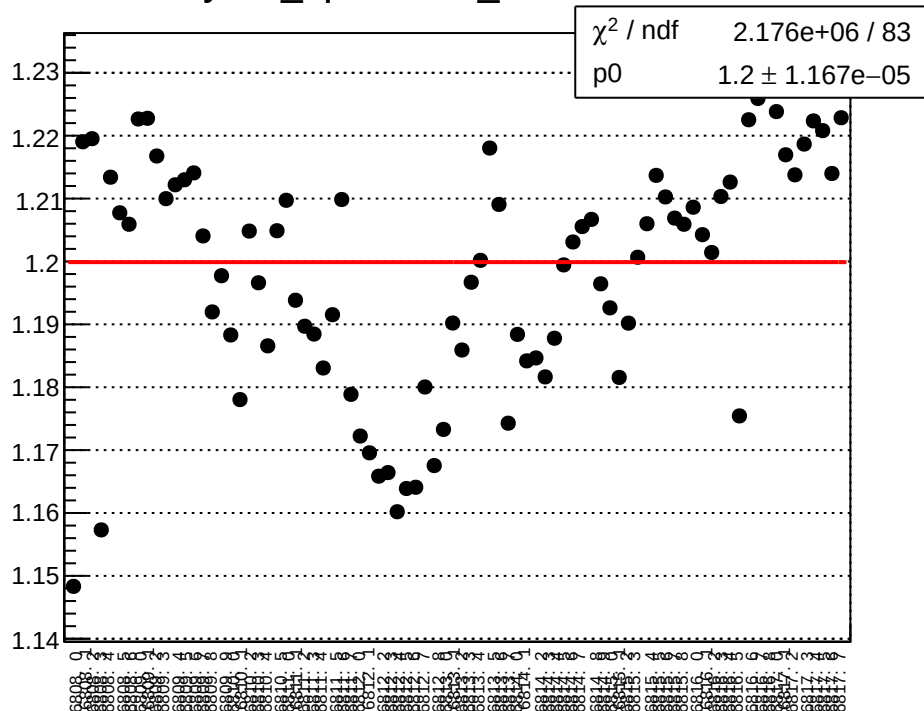
yield_bpm0r05X_mean vs run



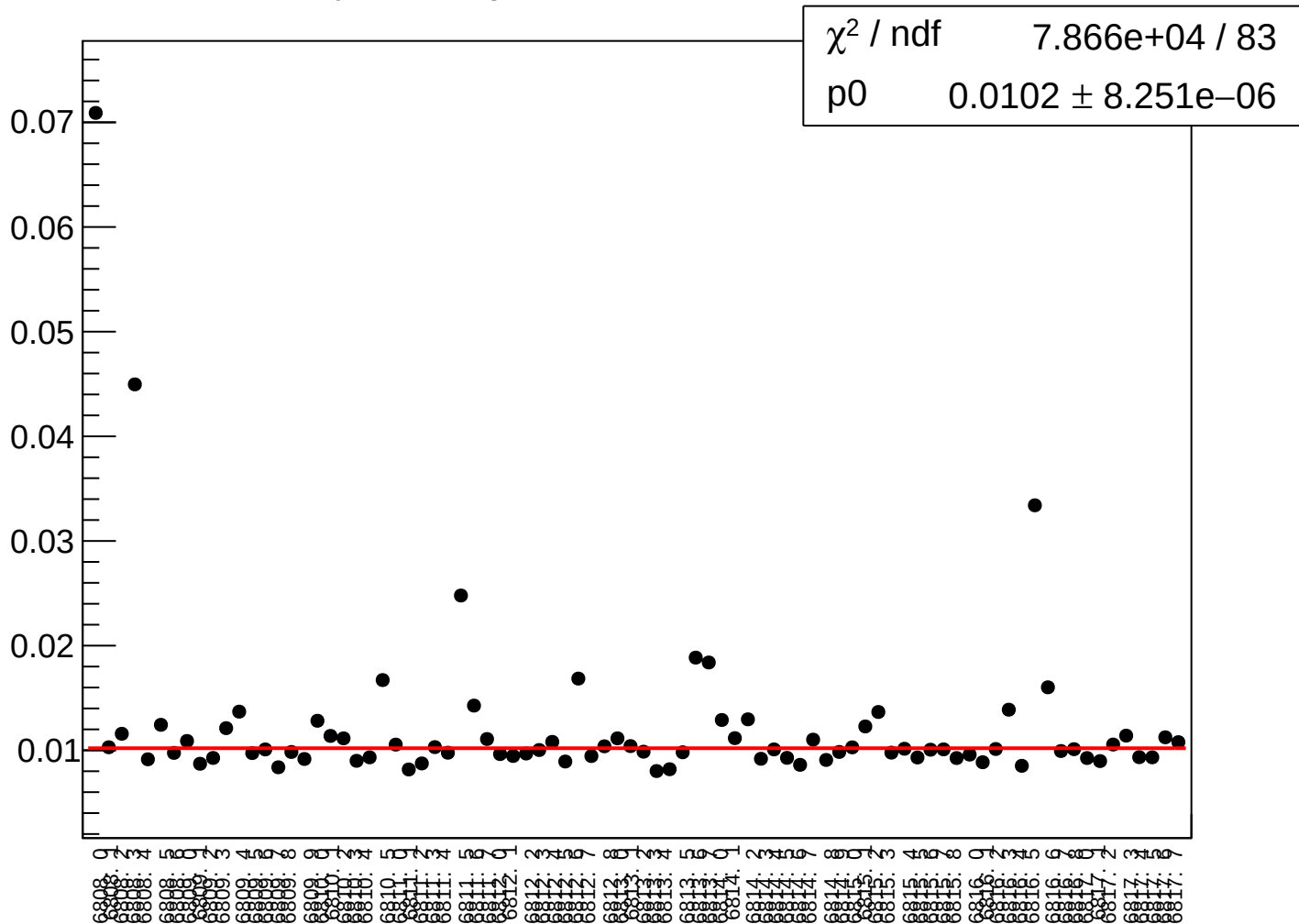
yield_bpm0r05X_rms vs run



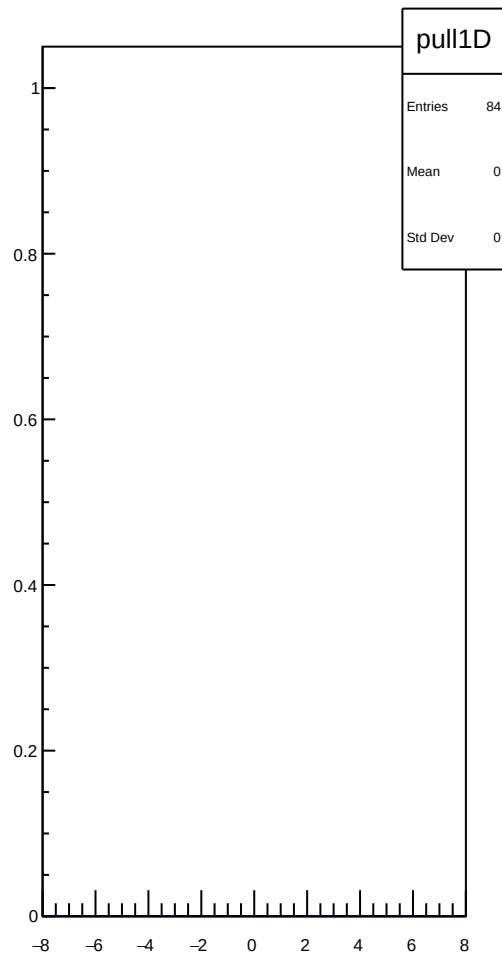
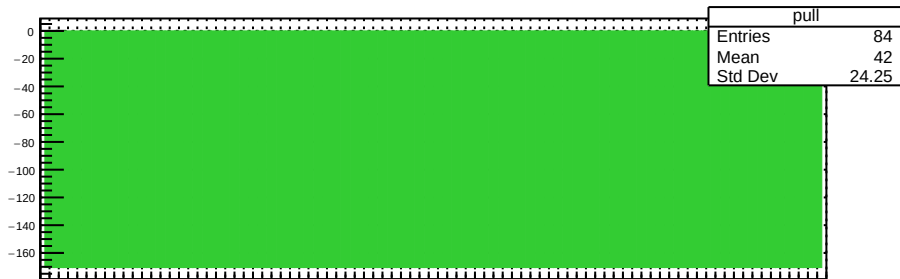
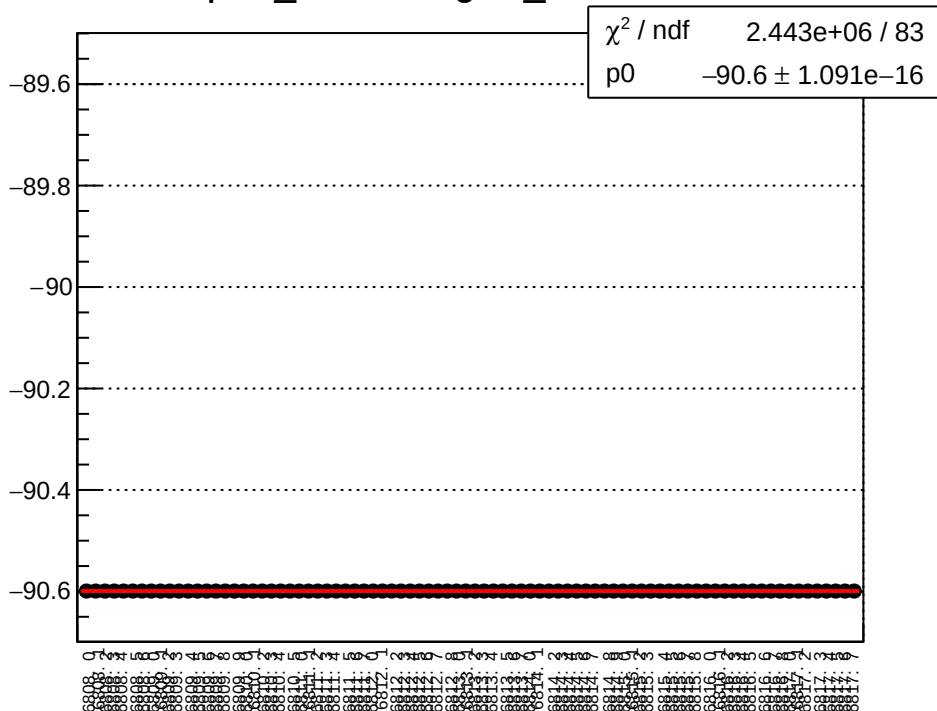
yield_bpm0r05Y_mean vs run



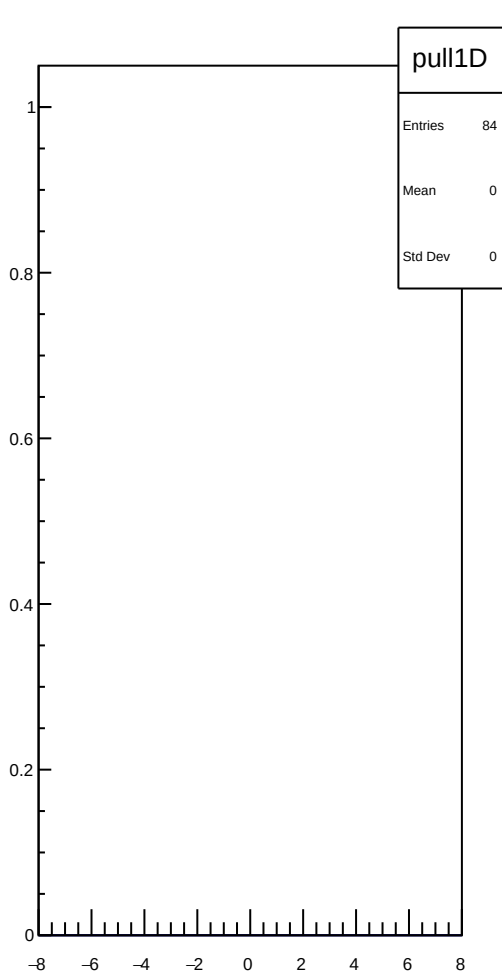
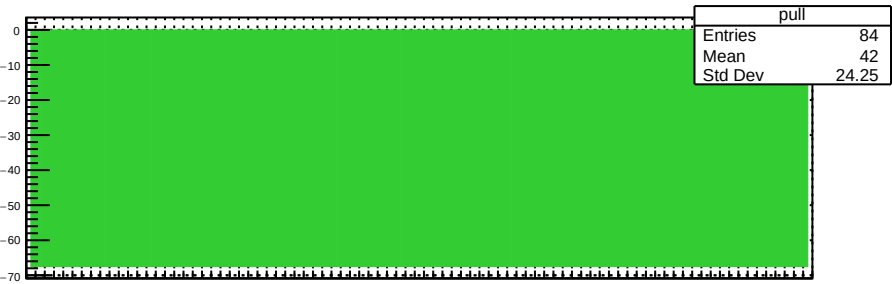
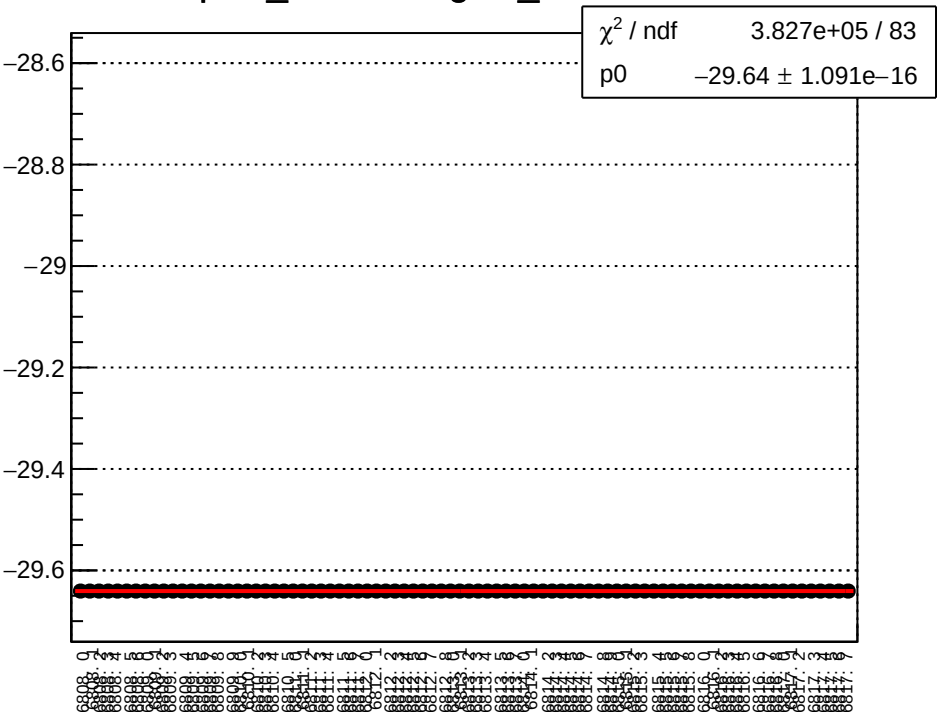
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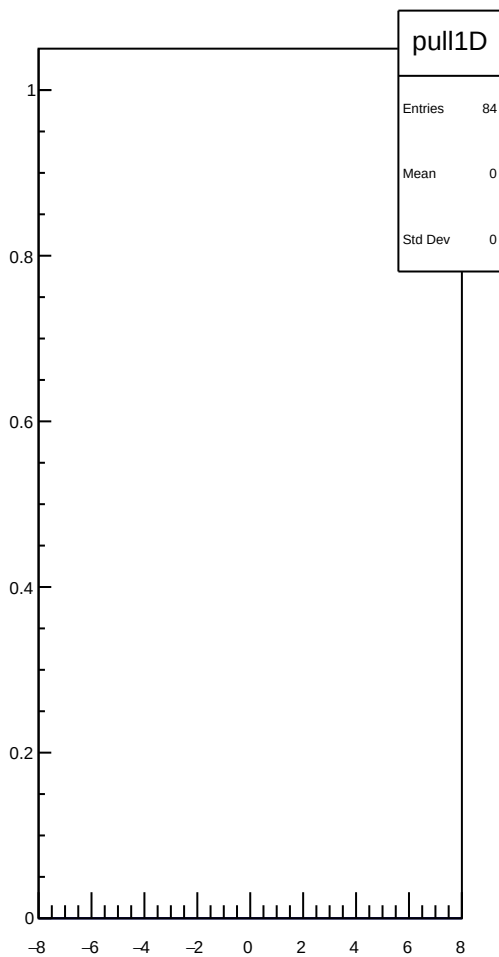
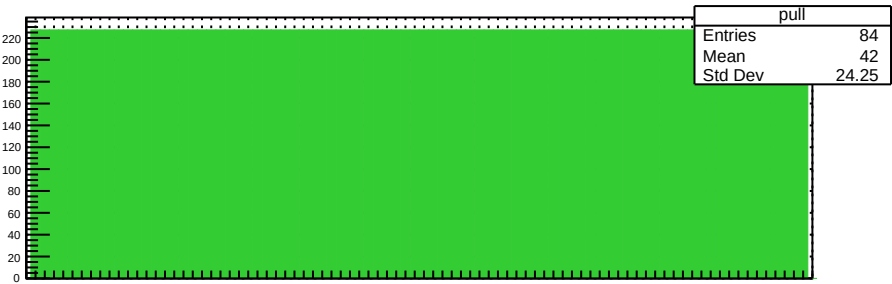
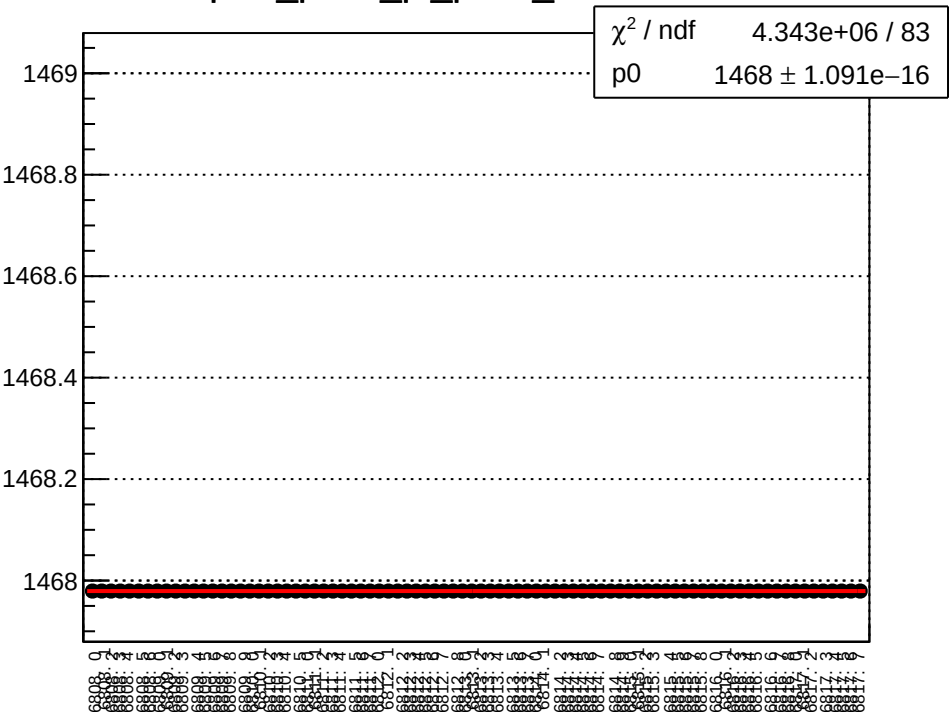
epics_VWienAngles_mean vs run



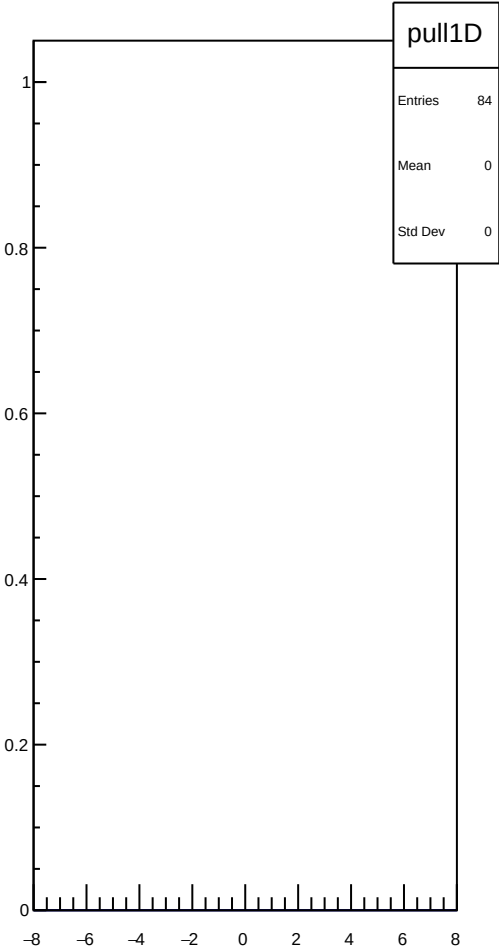
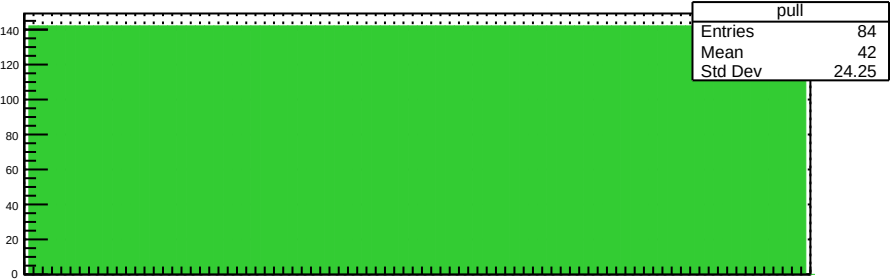
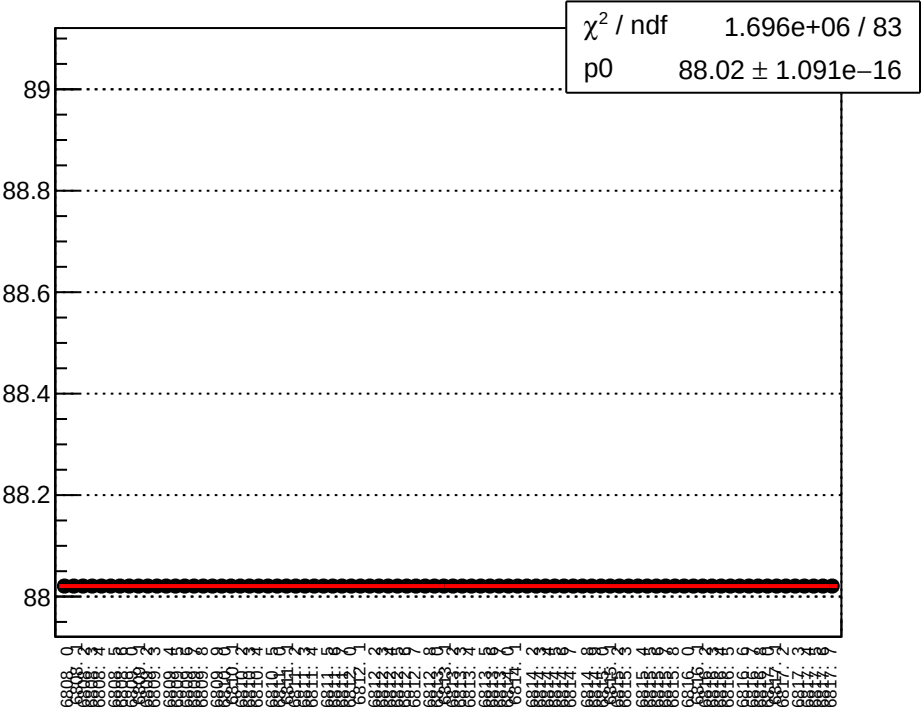
epics_HWienAngles_mean vs run



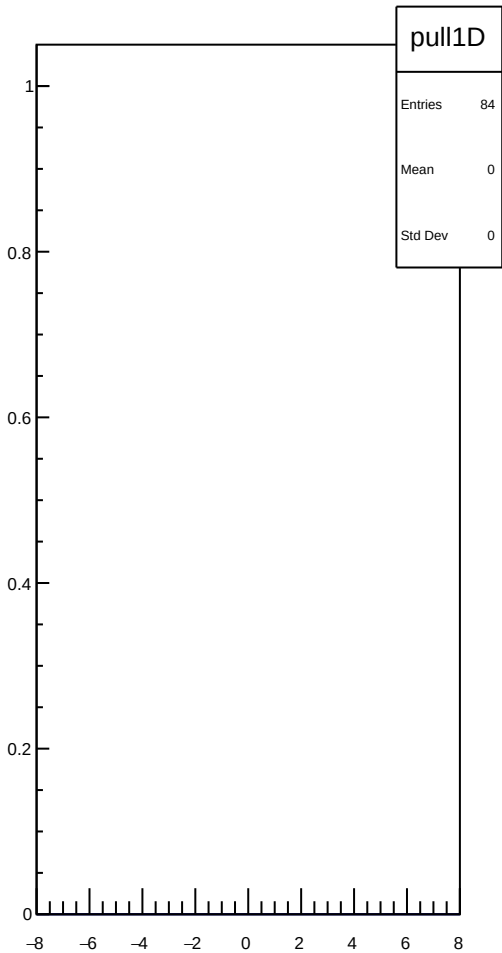
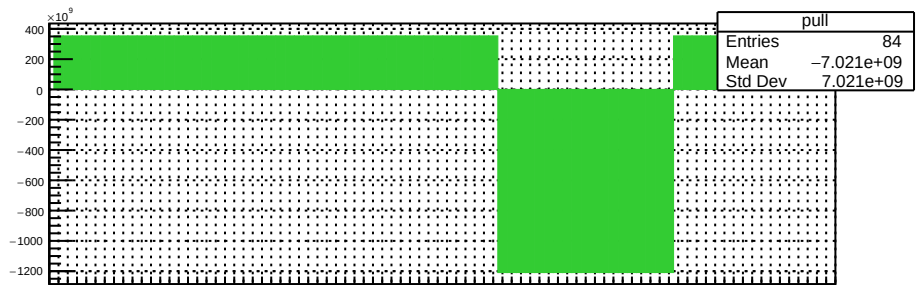
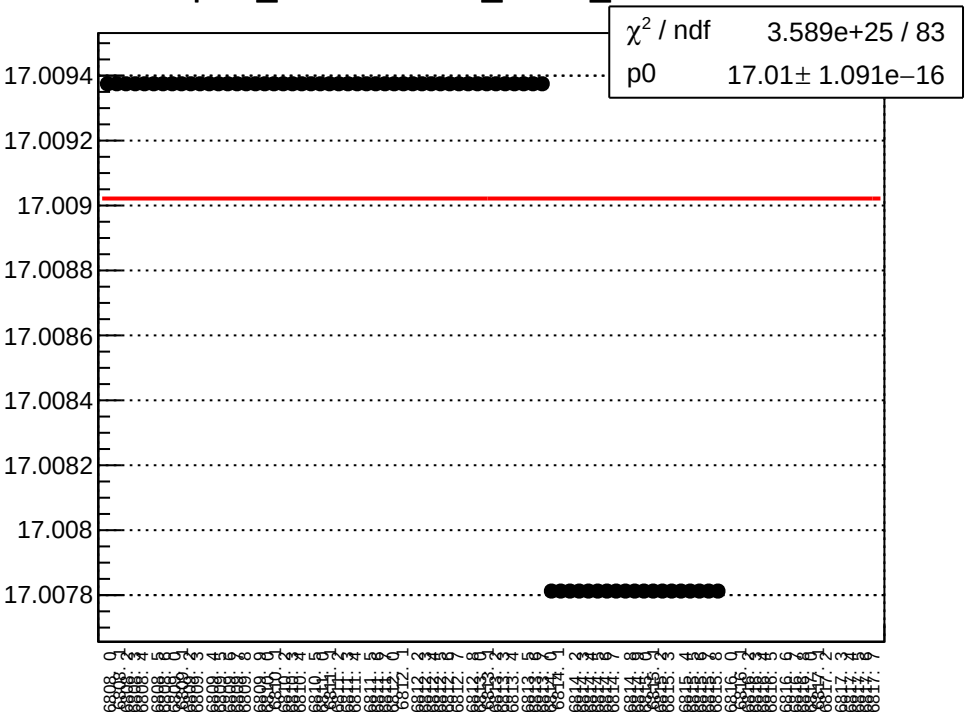
epics_psub_pl_poss_mean vs run



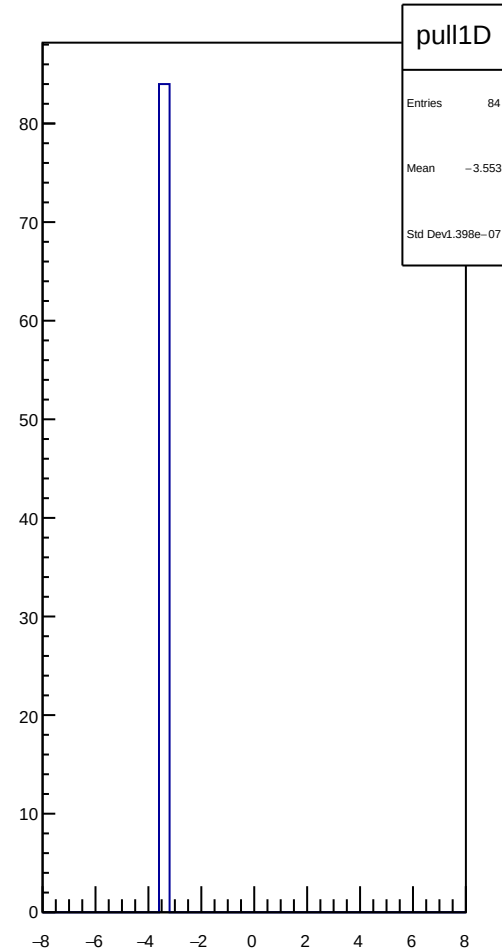
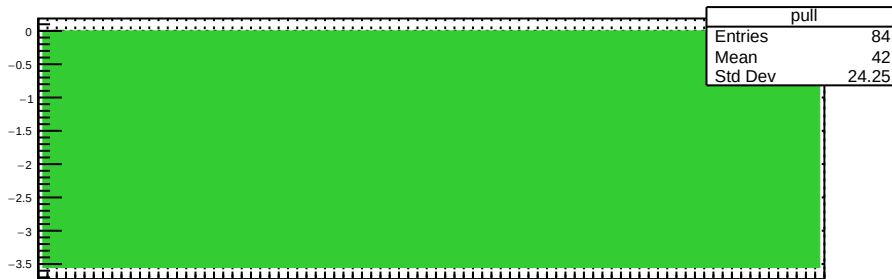
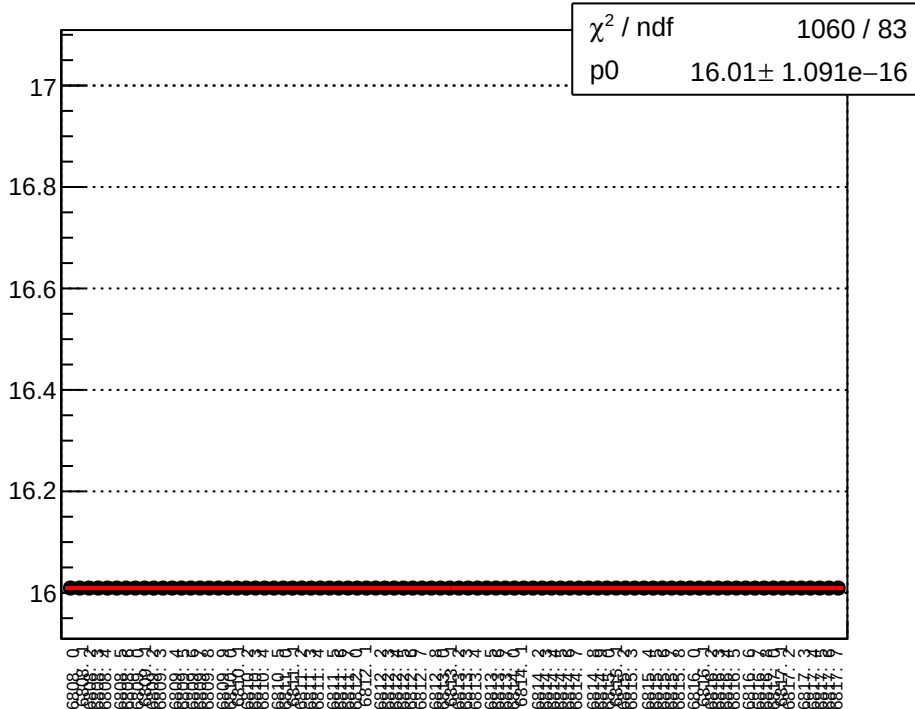
epics_Phi_FGs_mean vs run



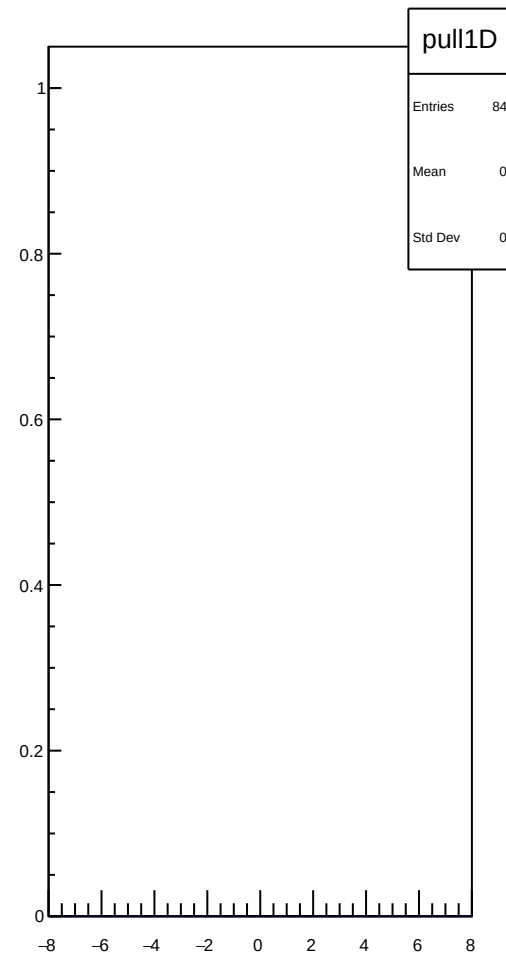
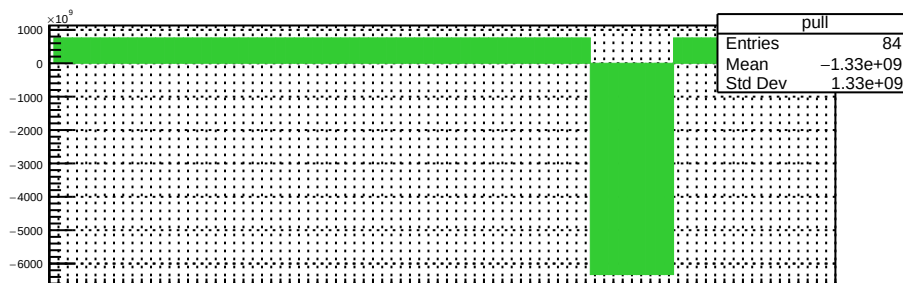
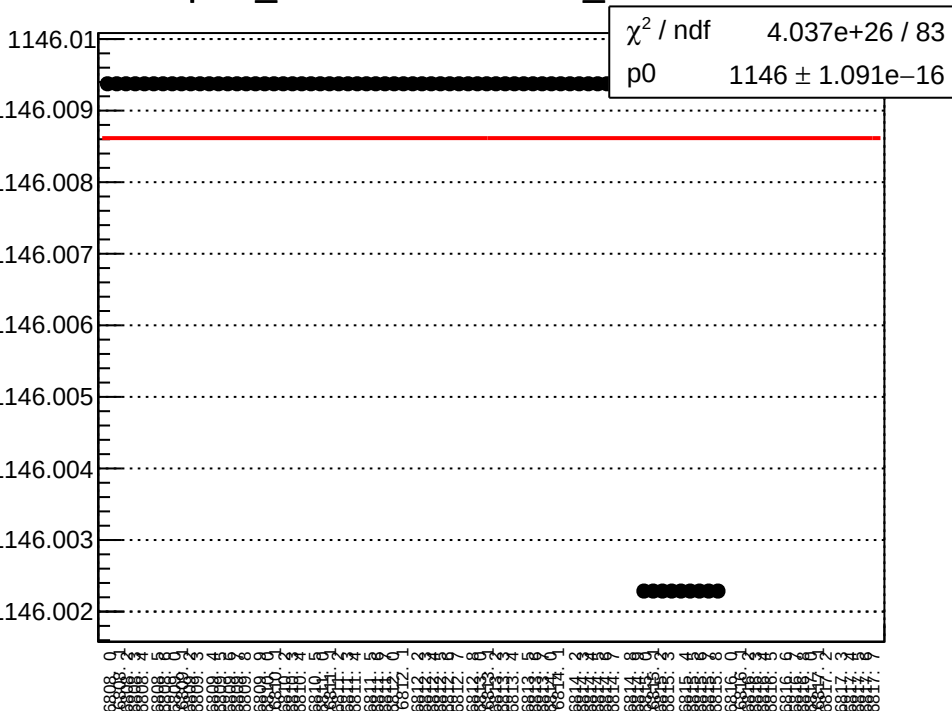
epics_IGL1I00DI24_24Ms_mean vs run



epics_IGL1I00OD16_16s_mean vs run



epics_RTPAPOSUCNTs_mean vs run



epics_RTPAPOSVCNTs_mean vs run

