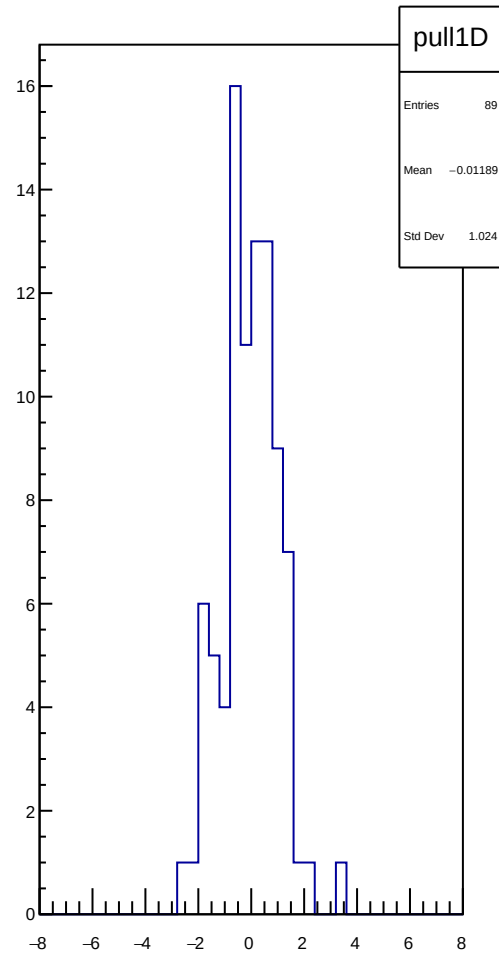
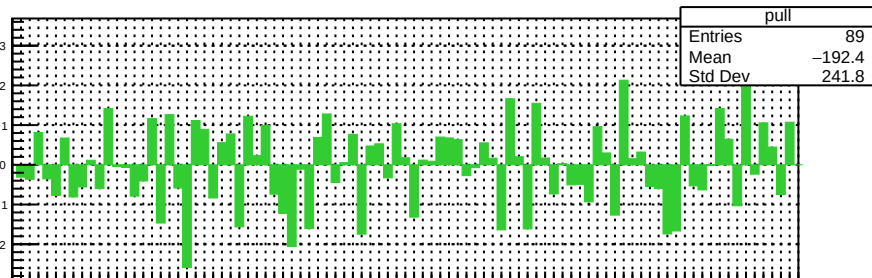
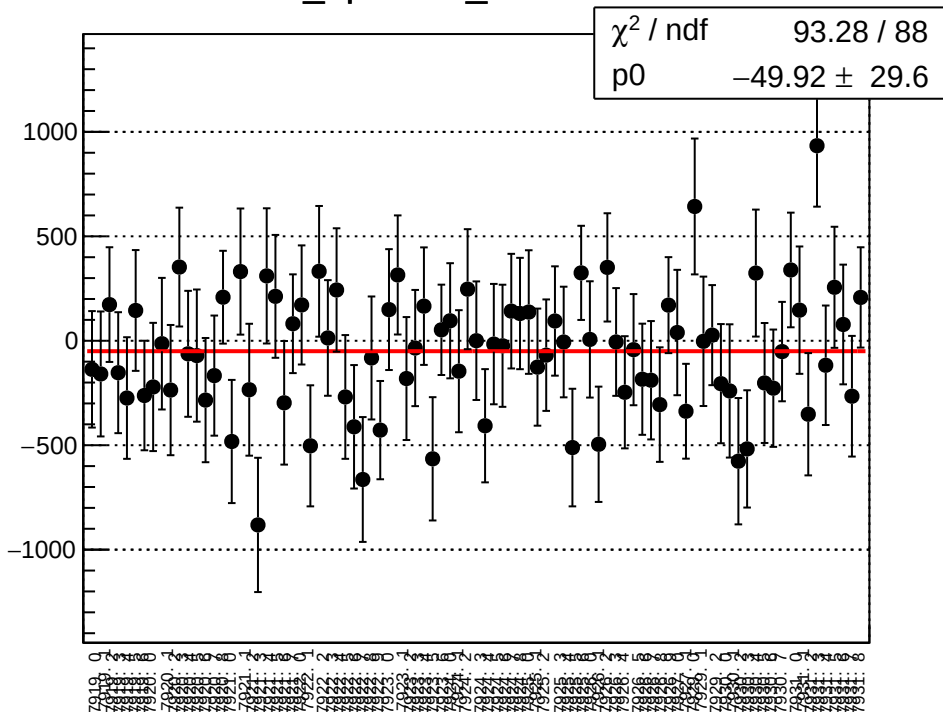
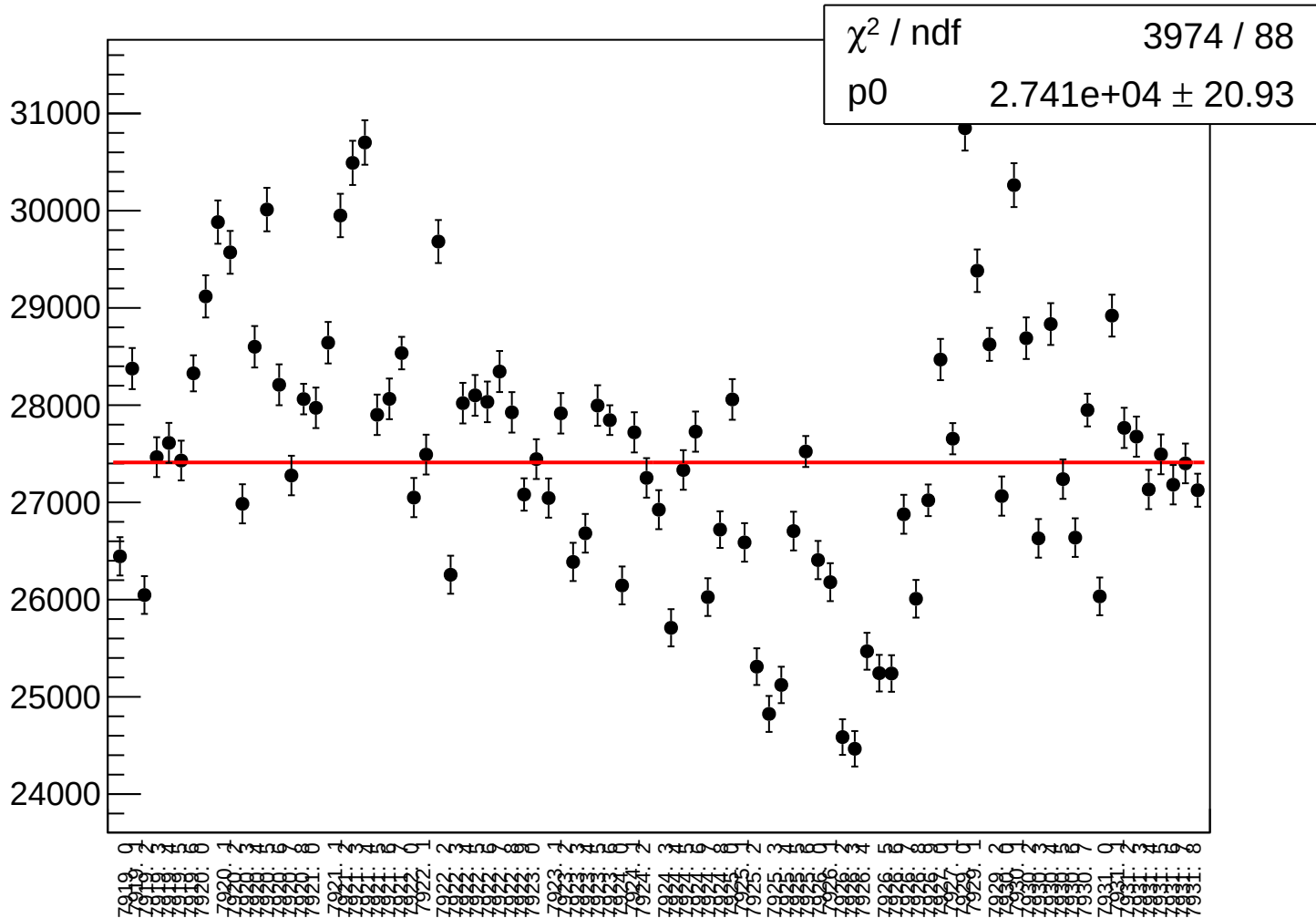


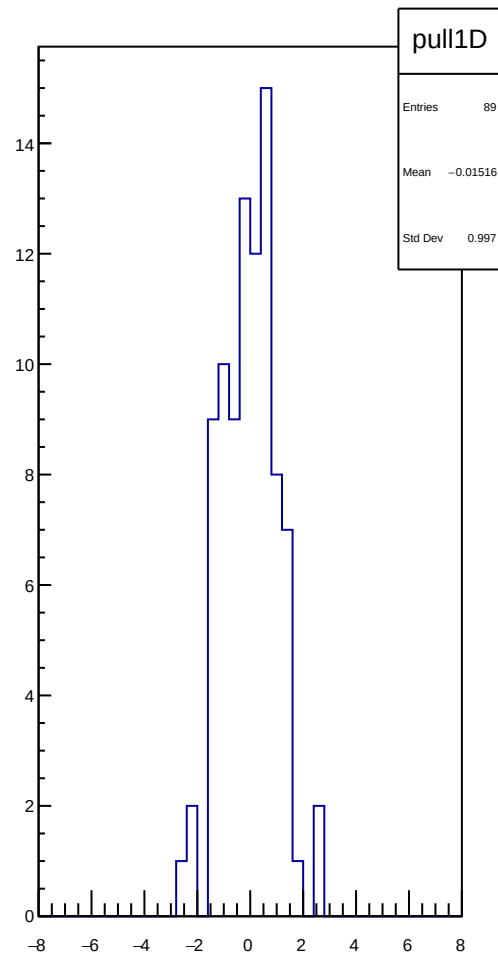
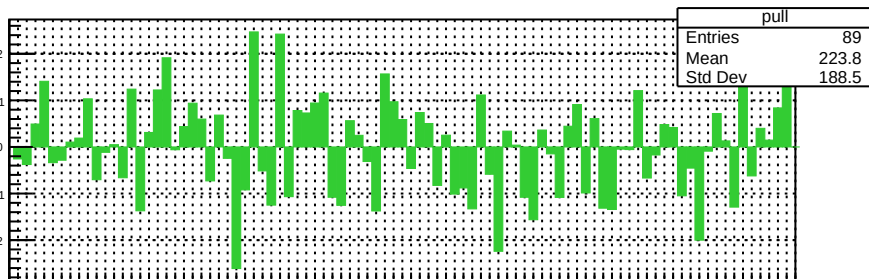
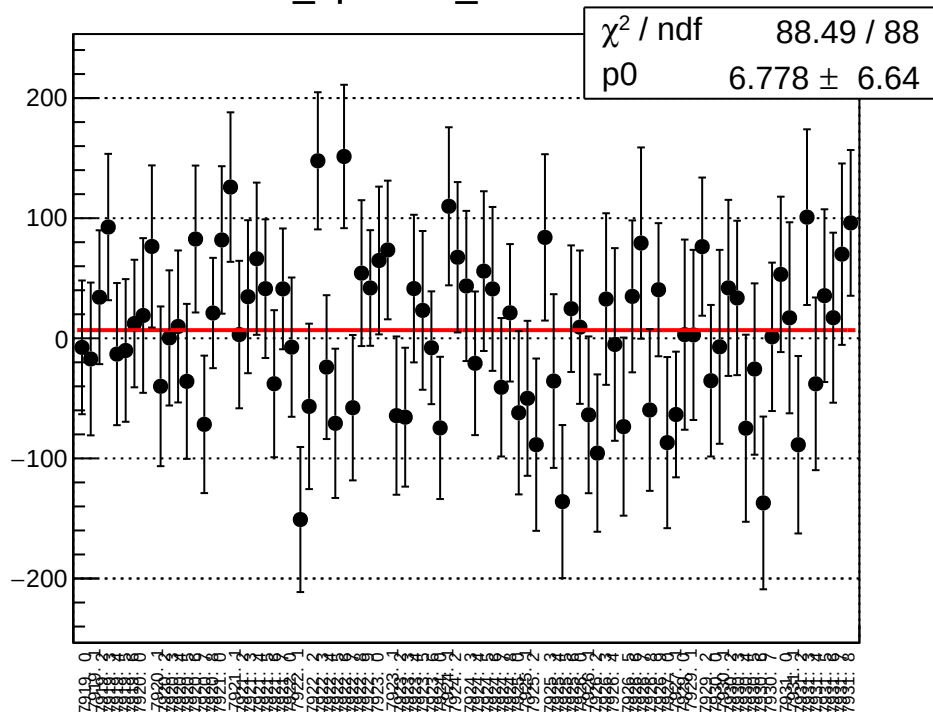
diff_bpm4aX_mean vs run



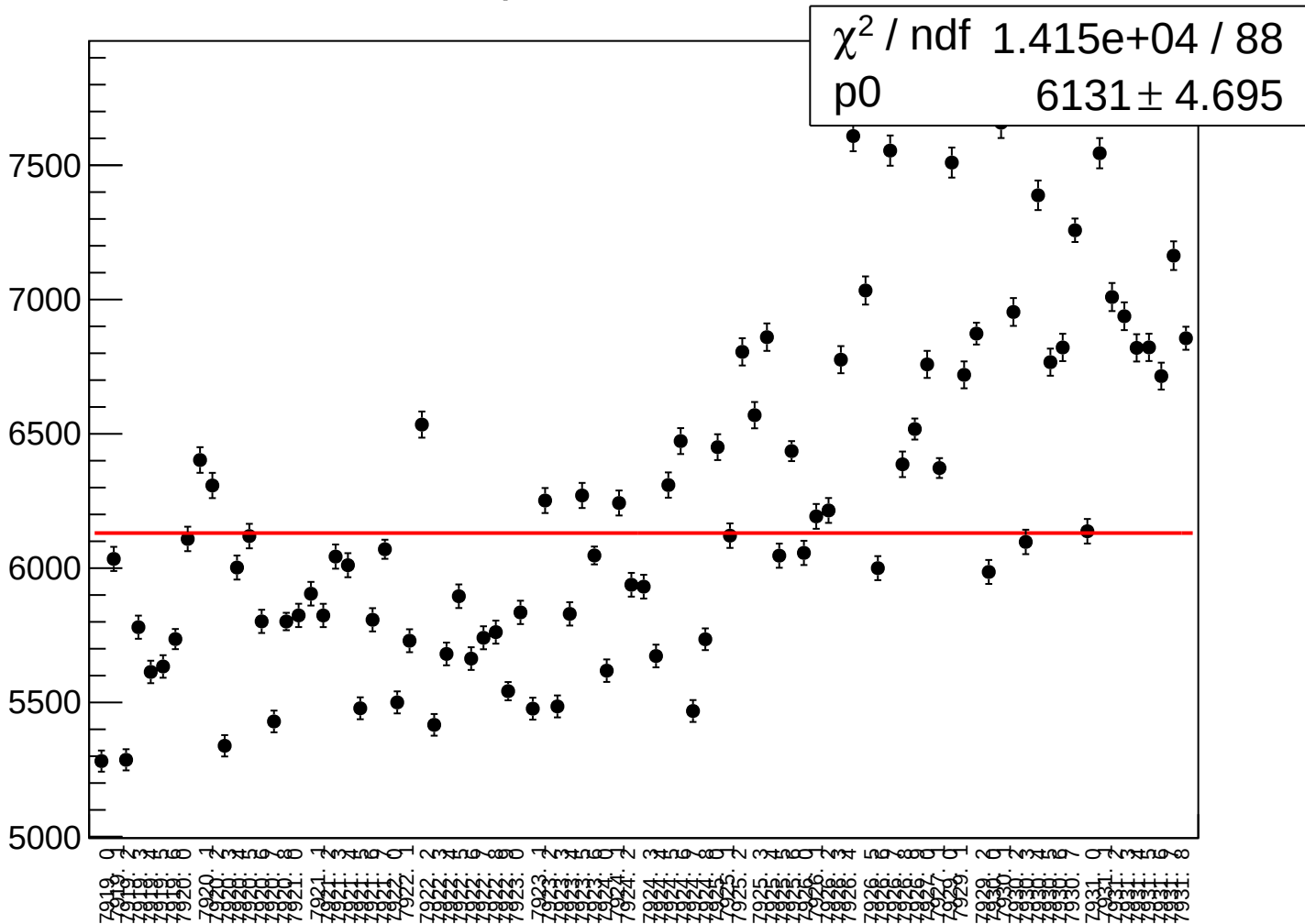
diff_bpm4aX_rms vs run



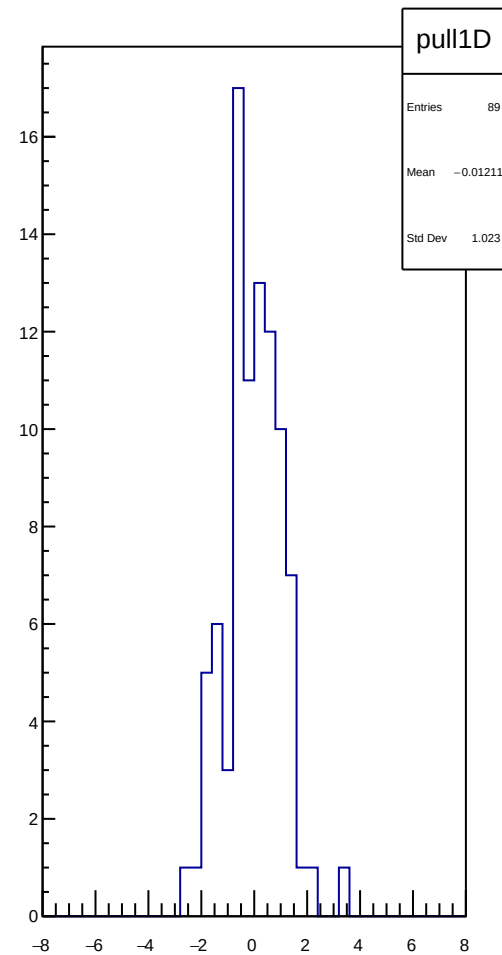
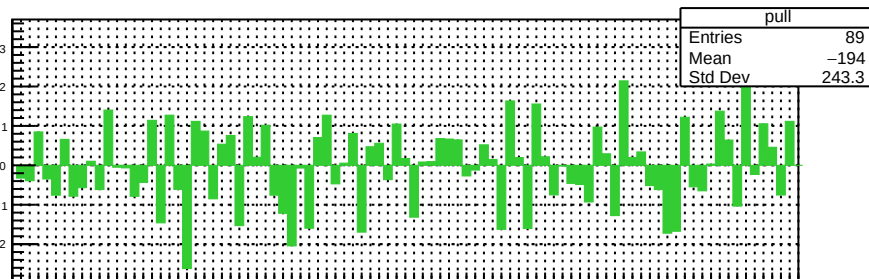
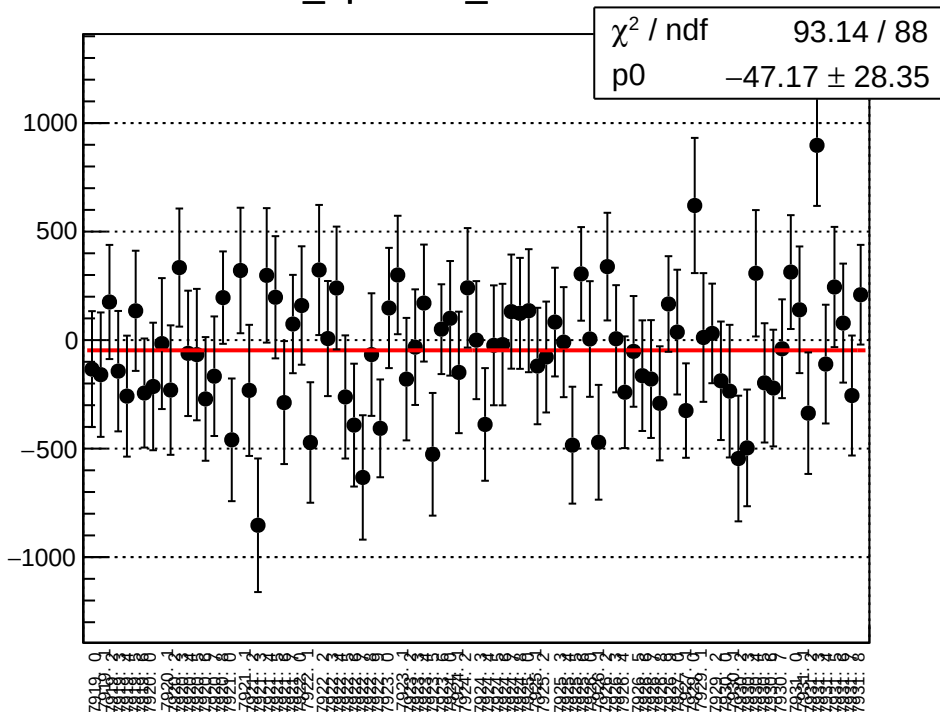
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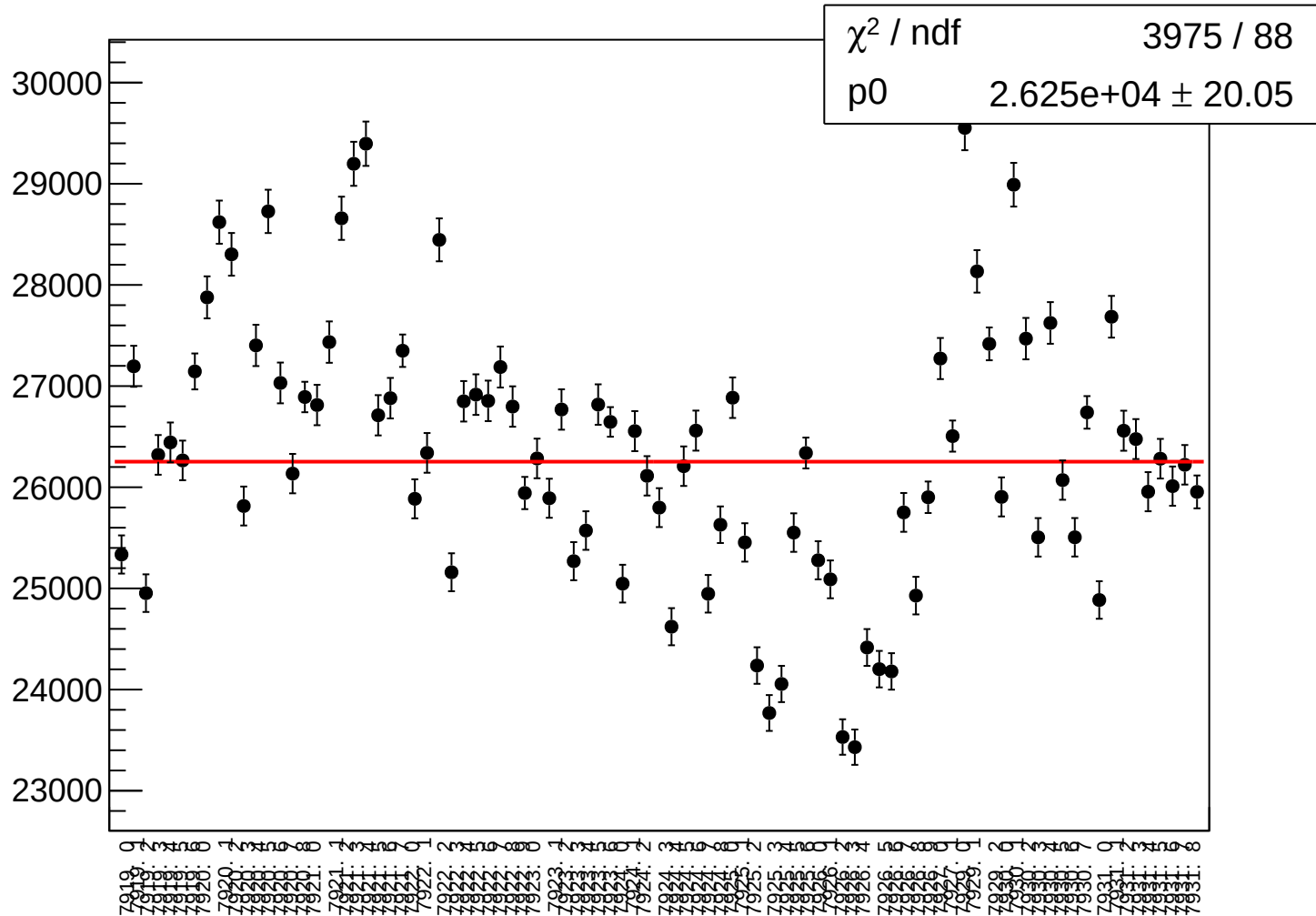
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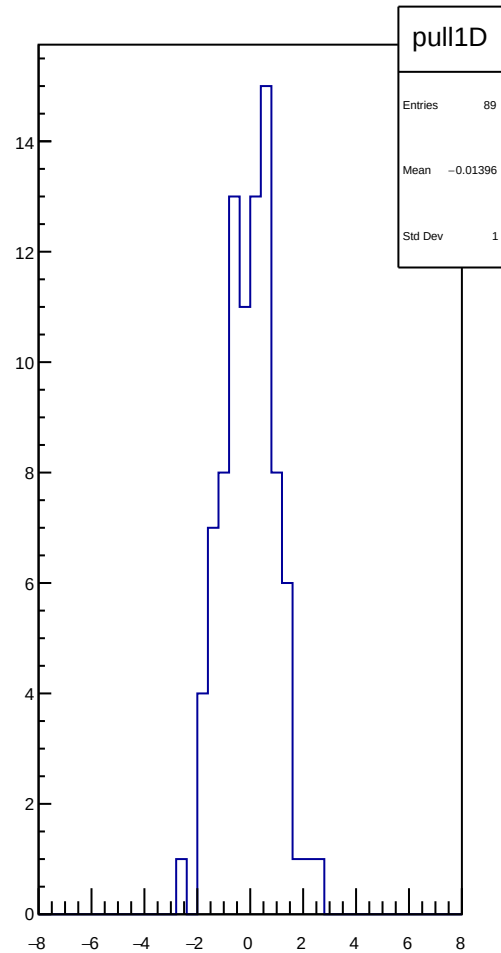
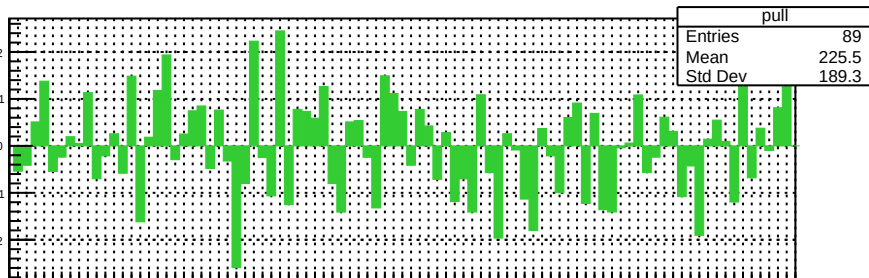
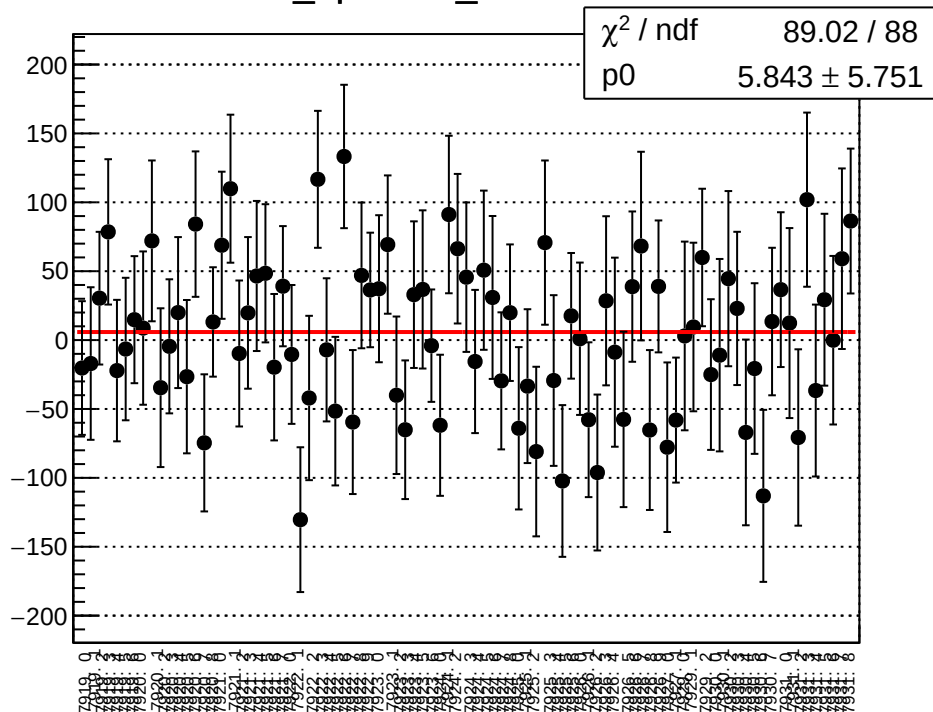
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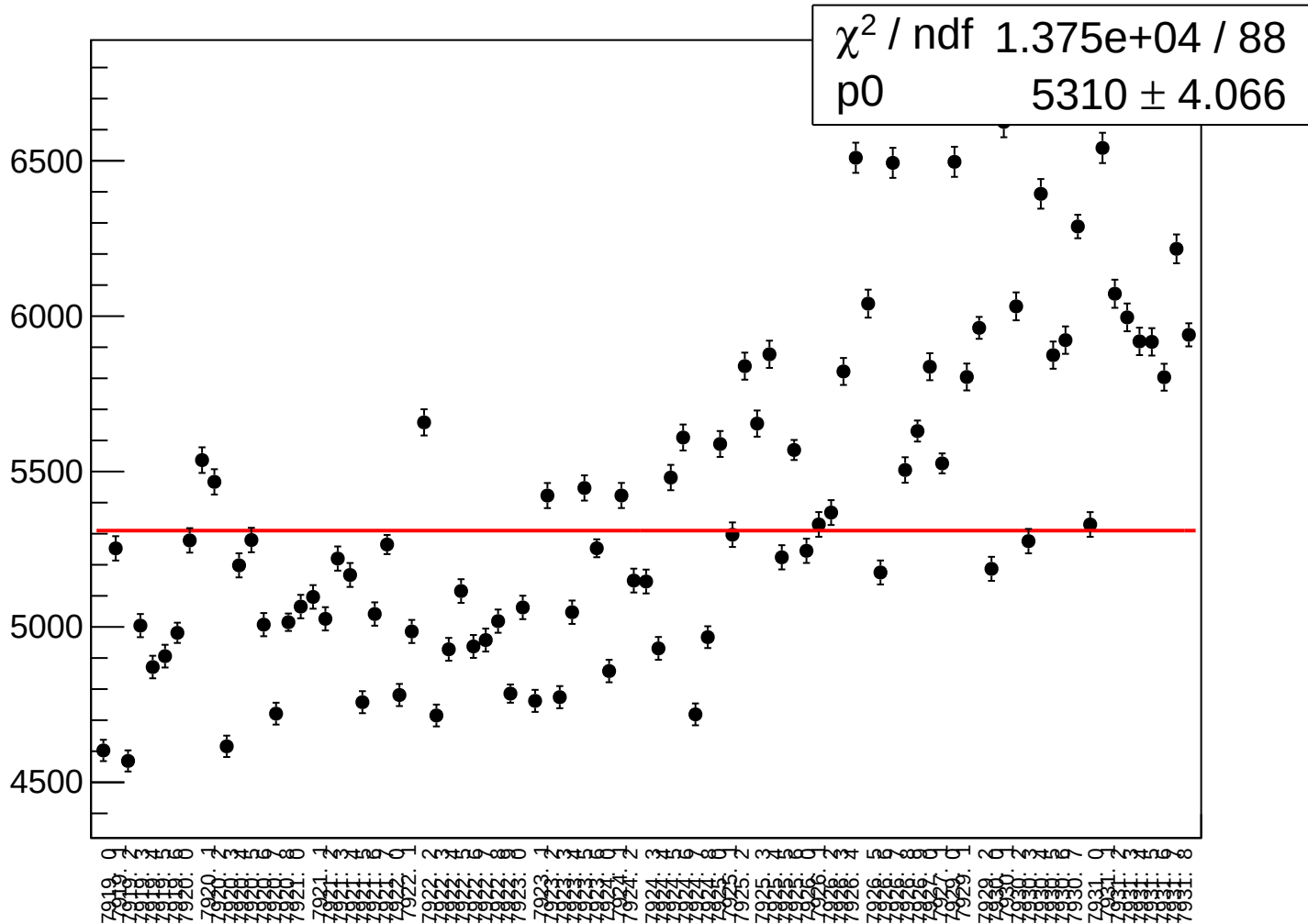
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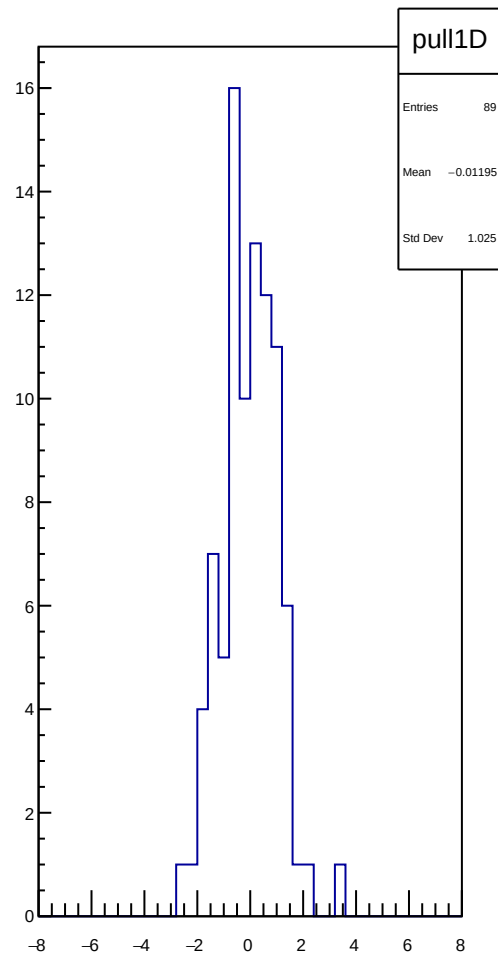
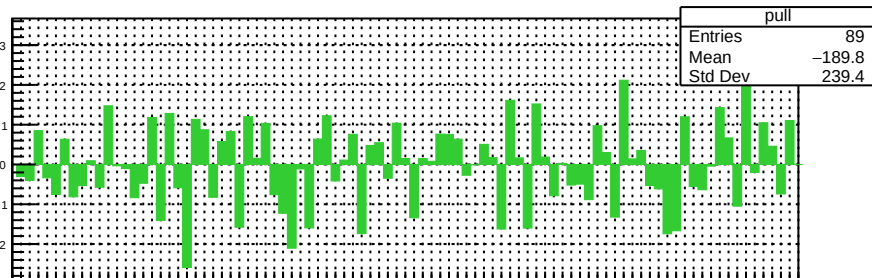
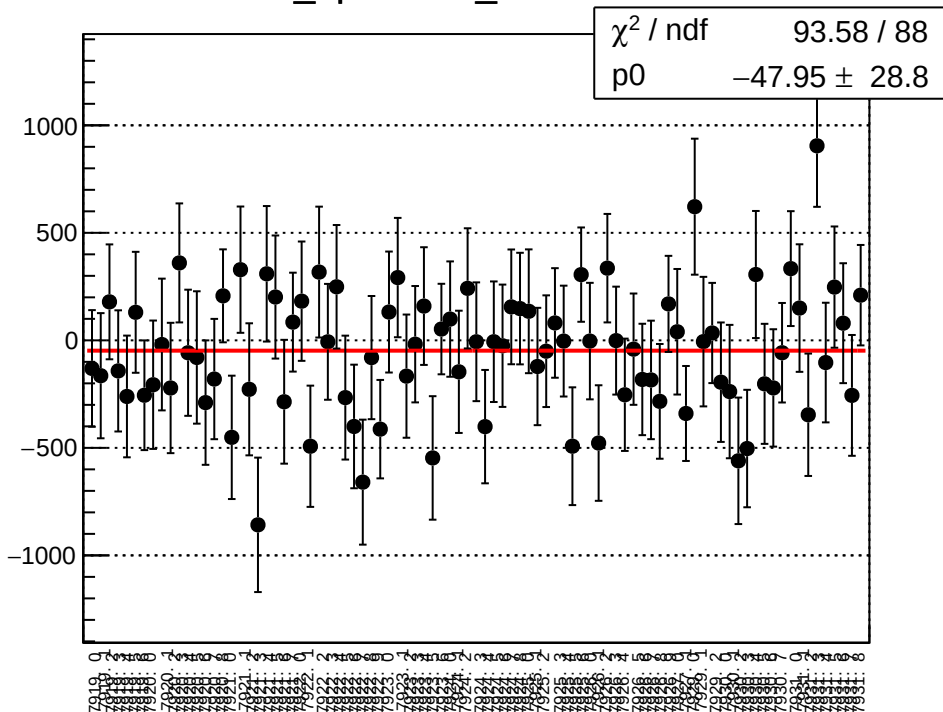
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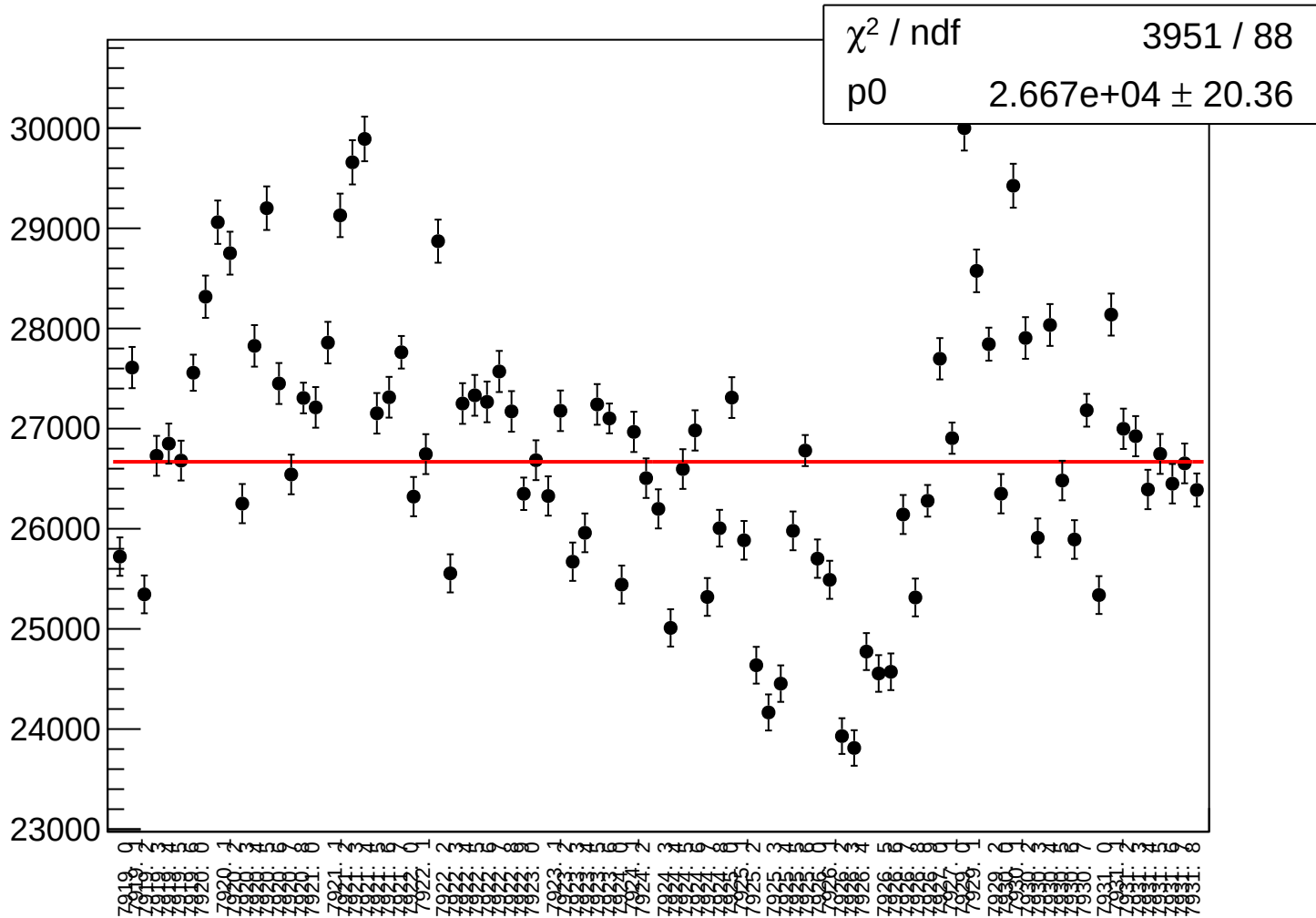
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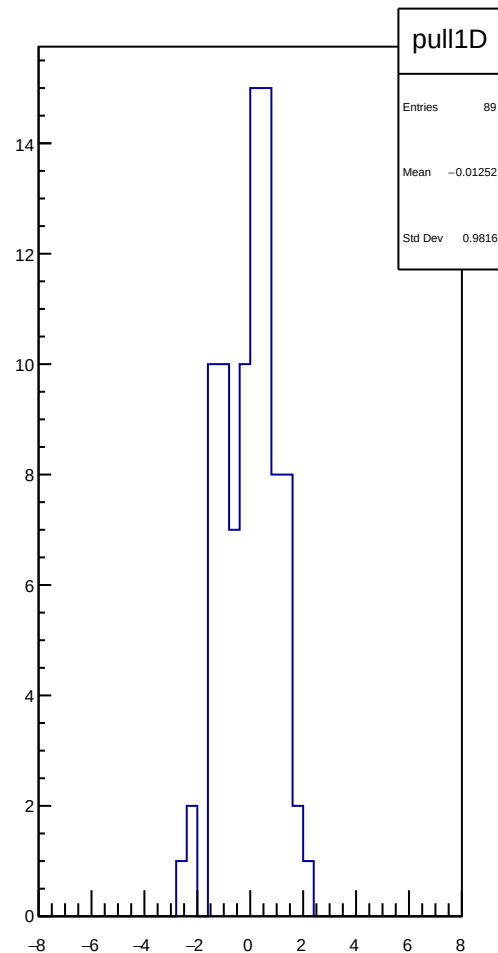
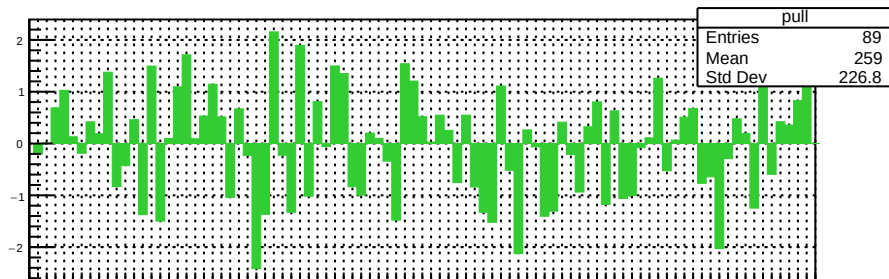
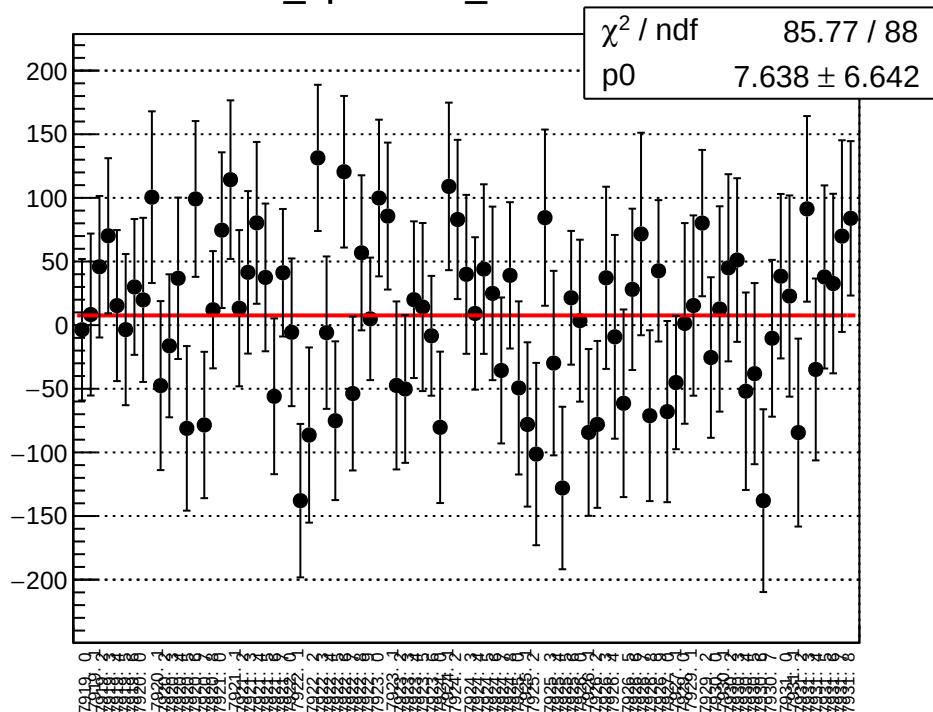
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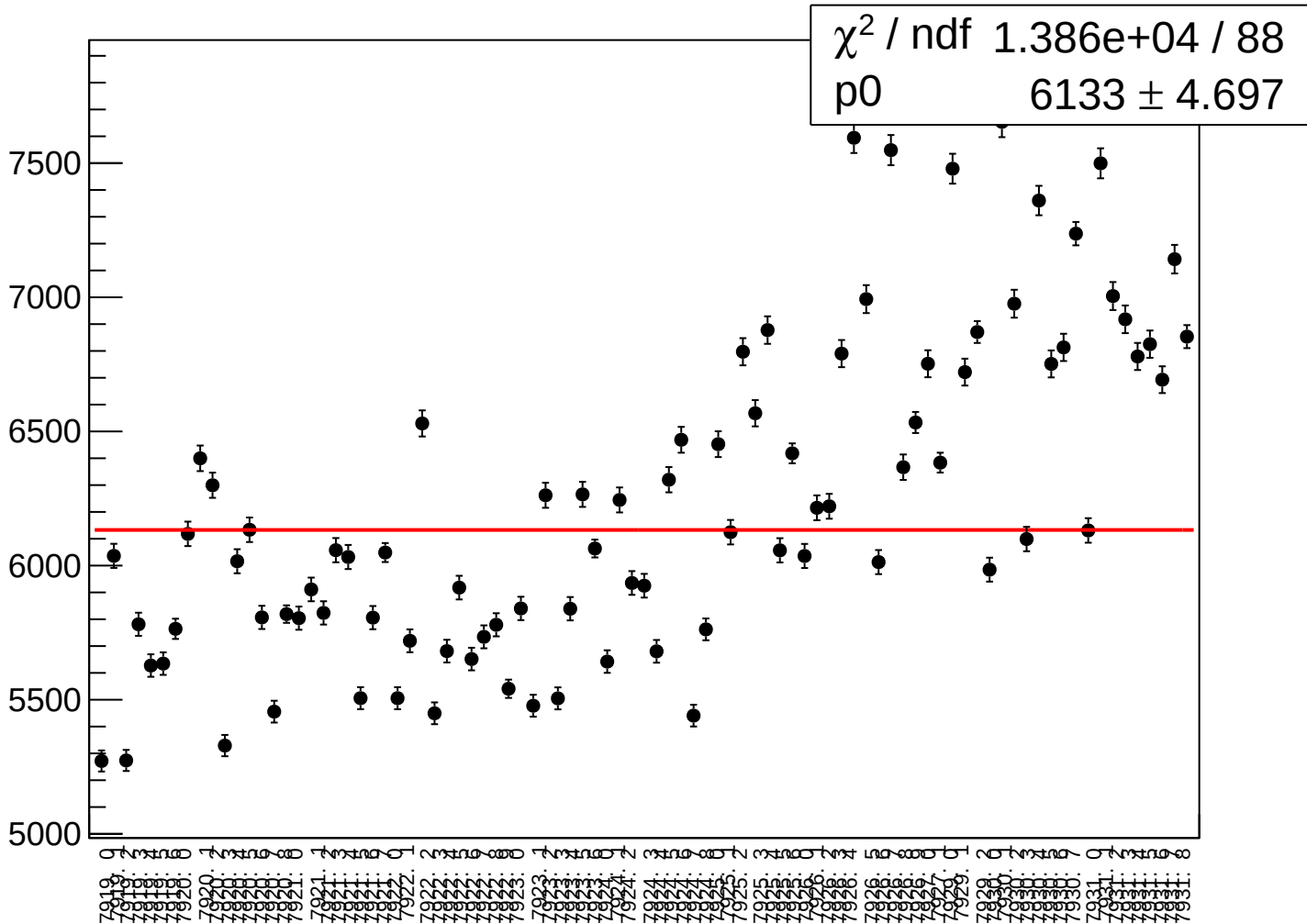
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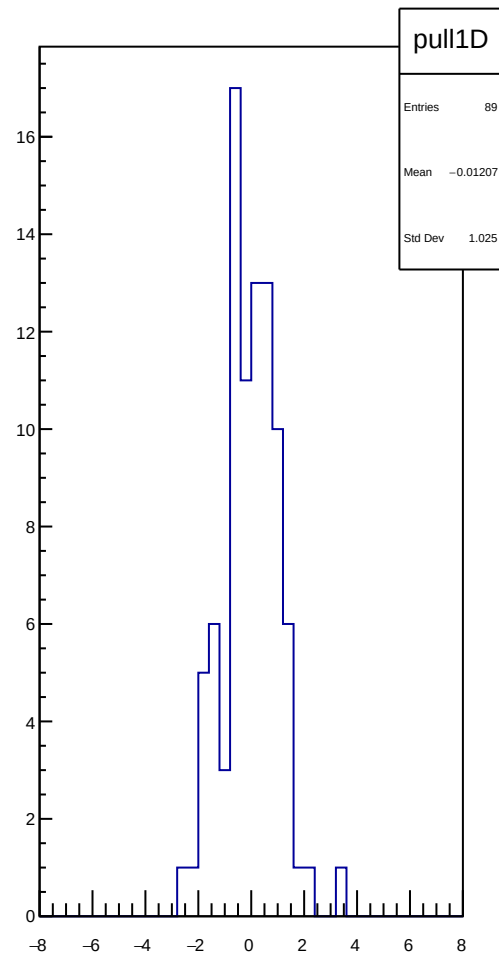
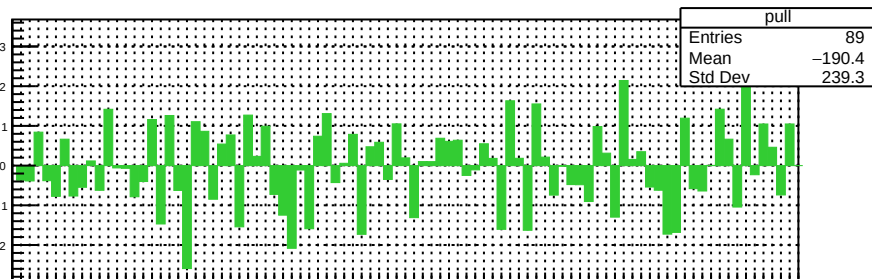
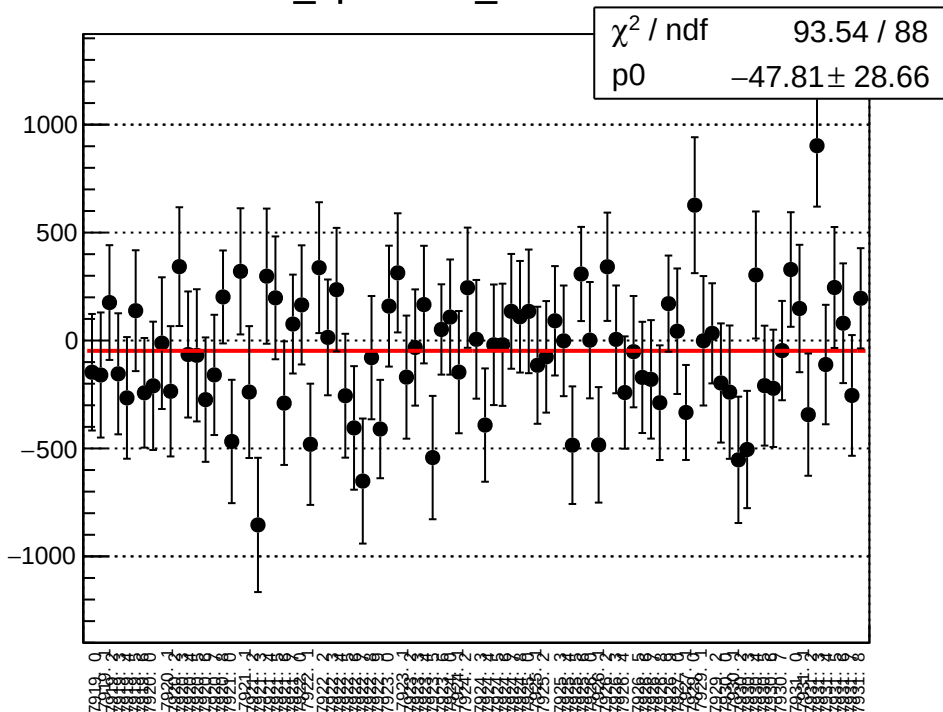
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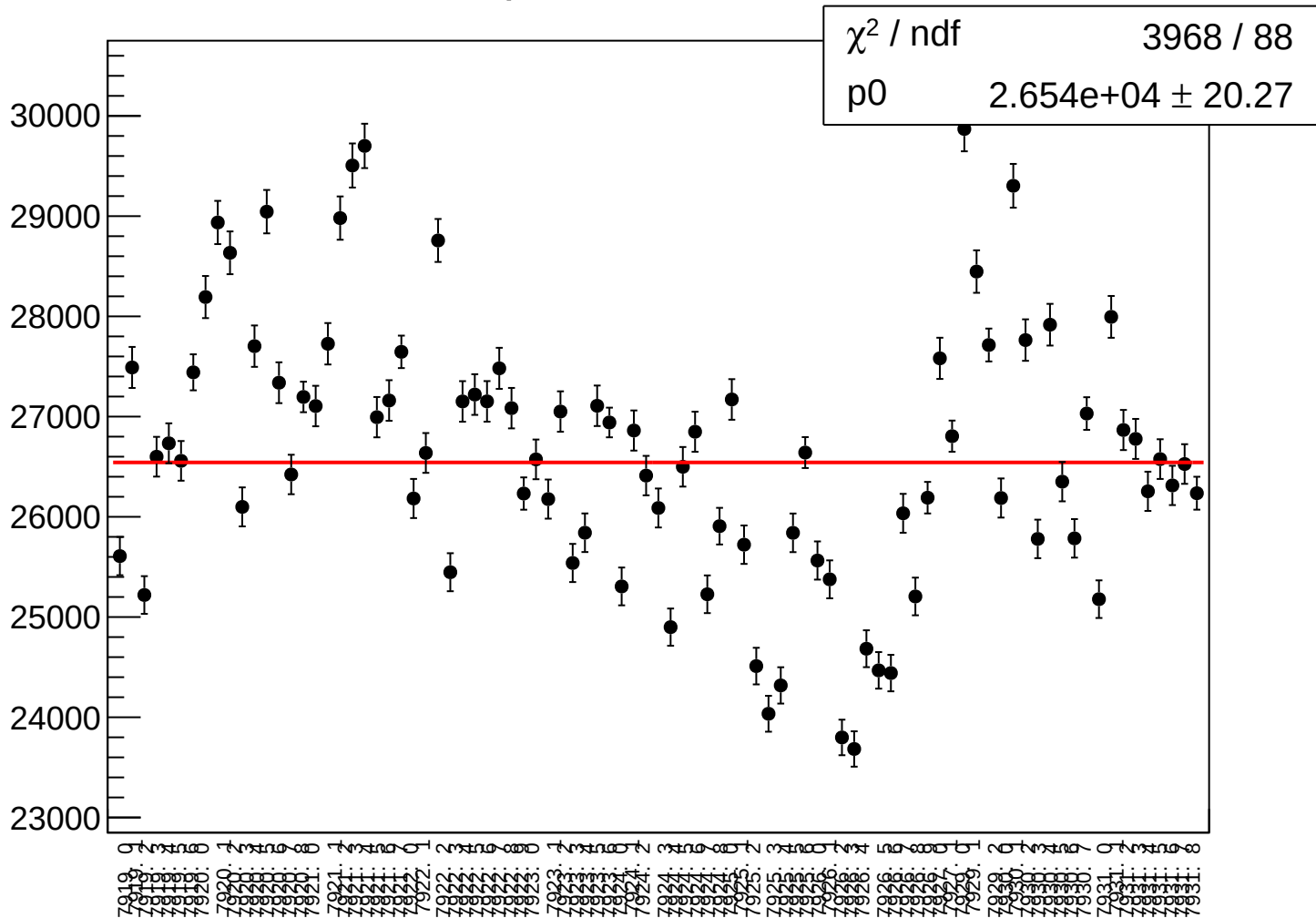
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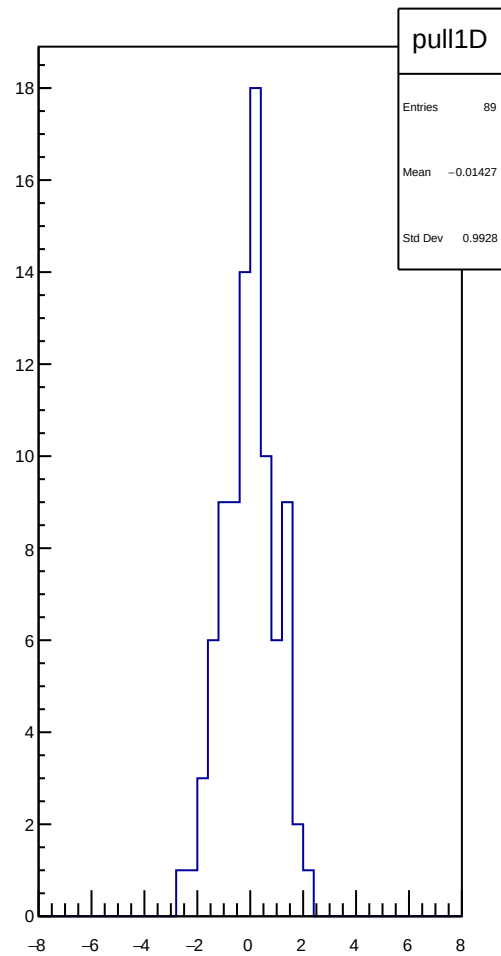
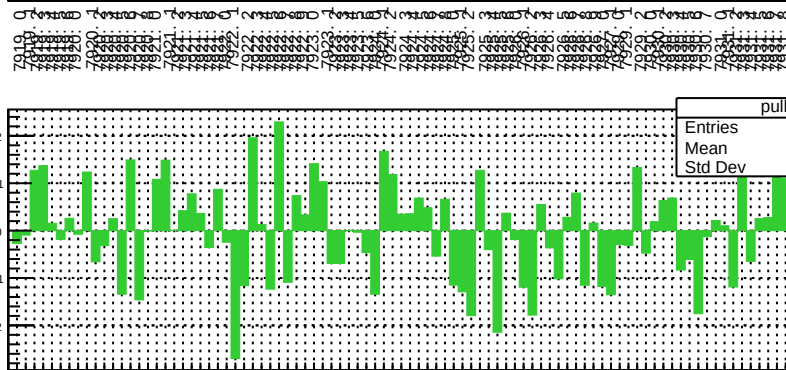
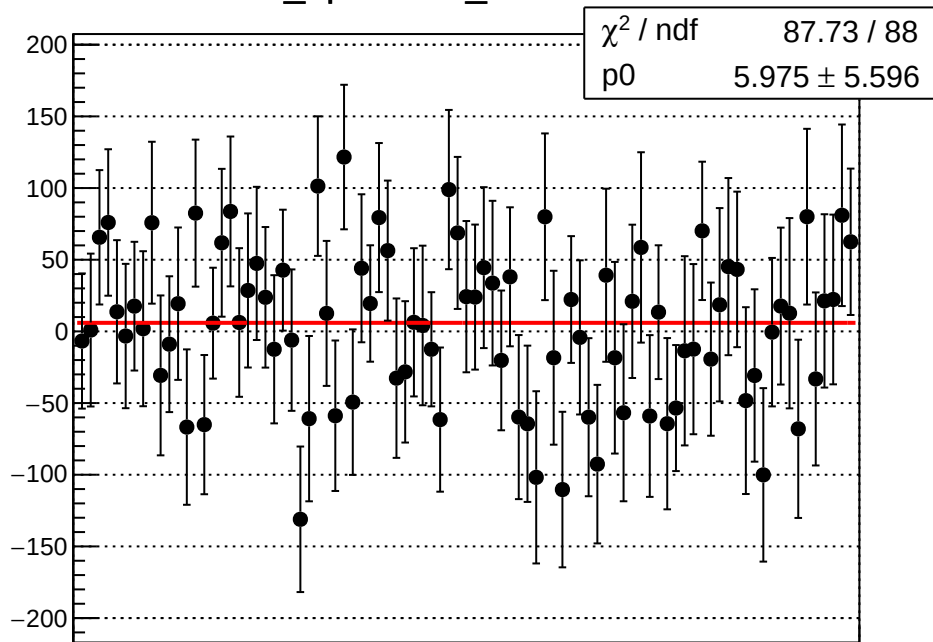
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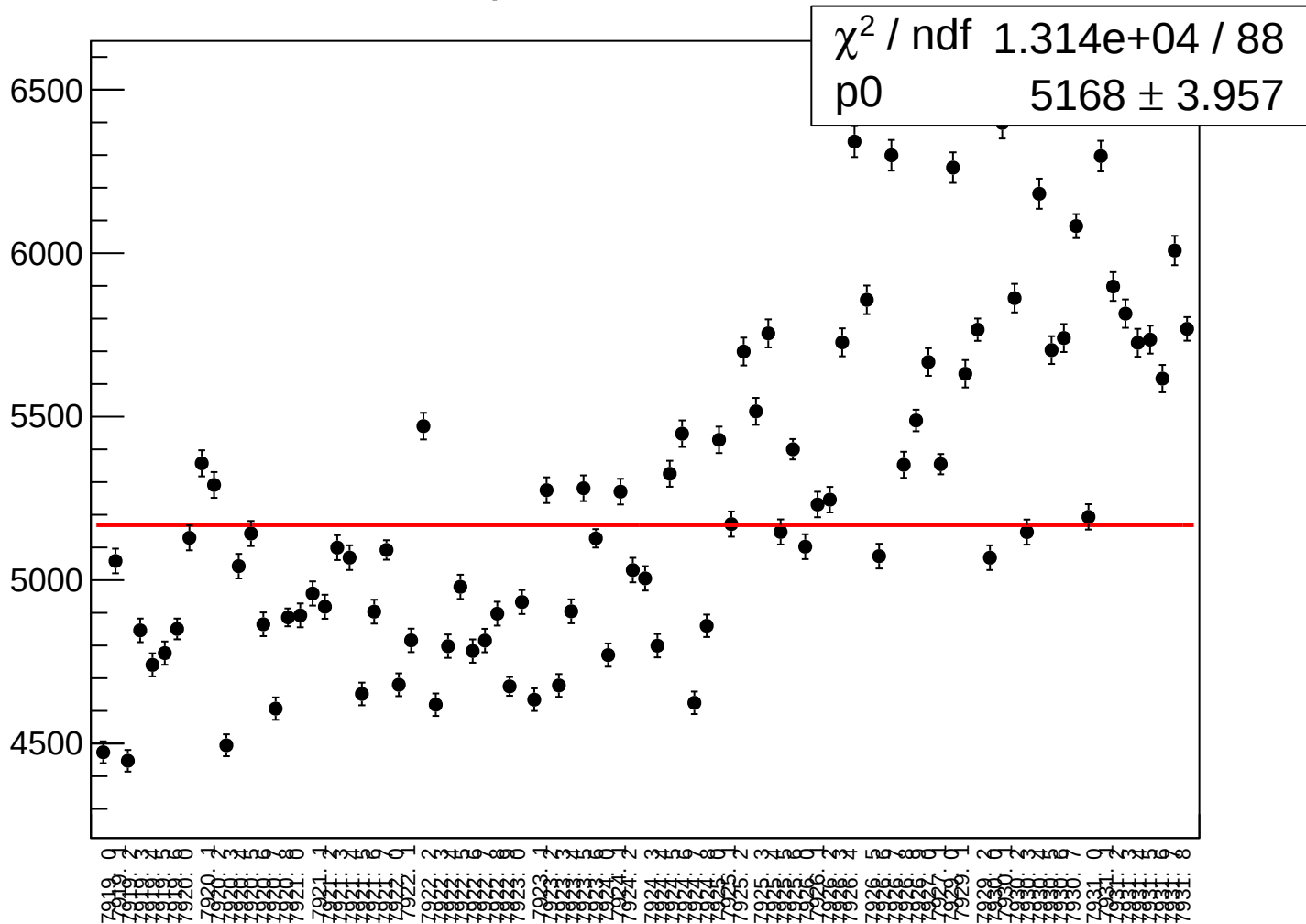
diff_bpm4ecX_rms vs run



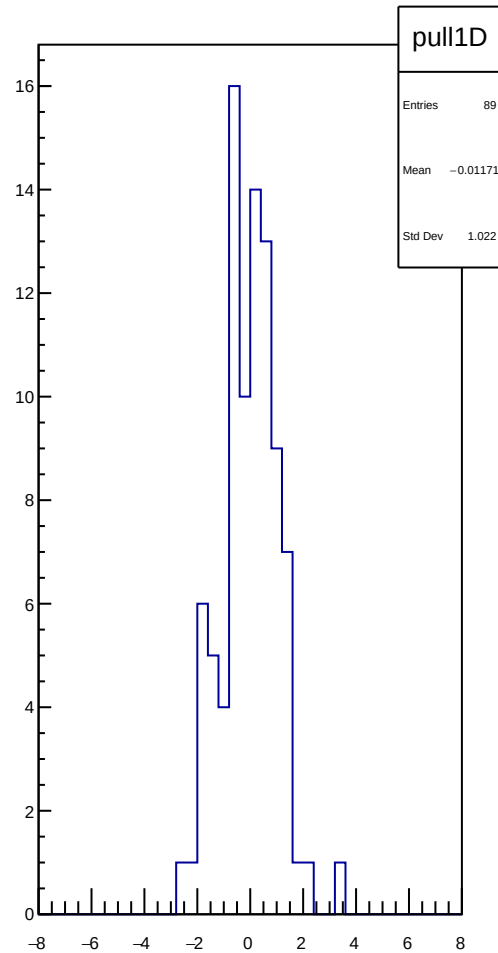
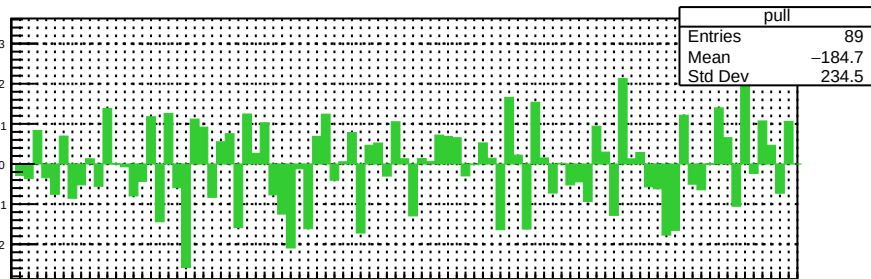
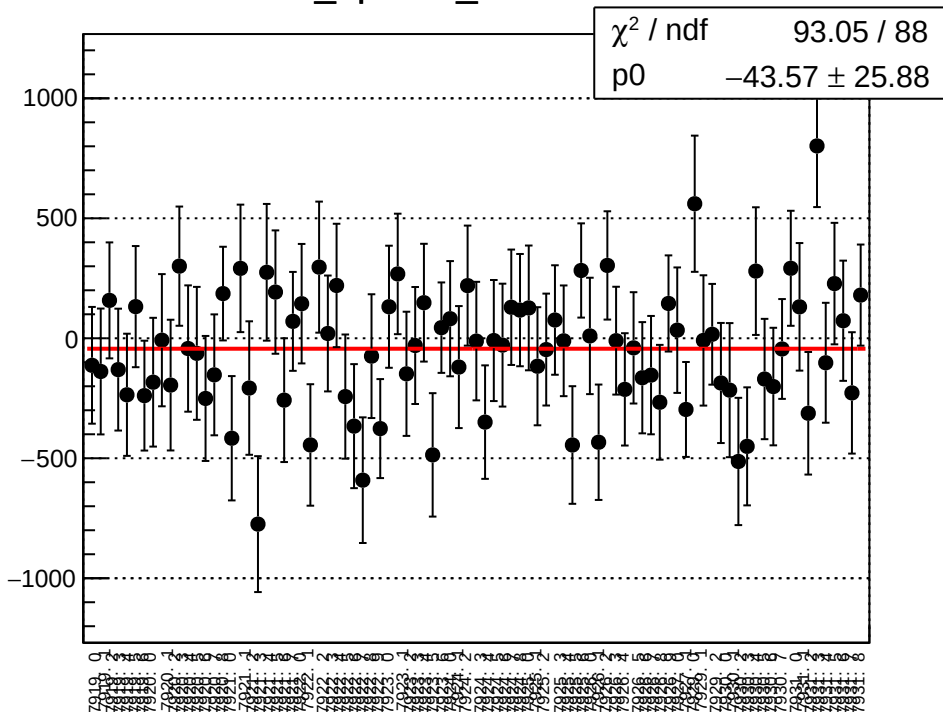
diff_bpm4ecY_mean vs run



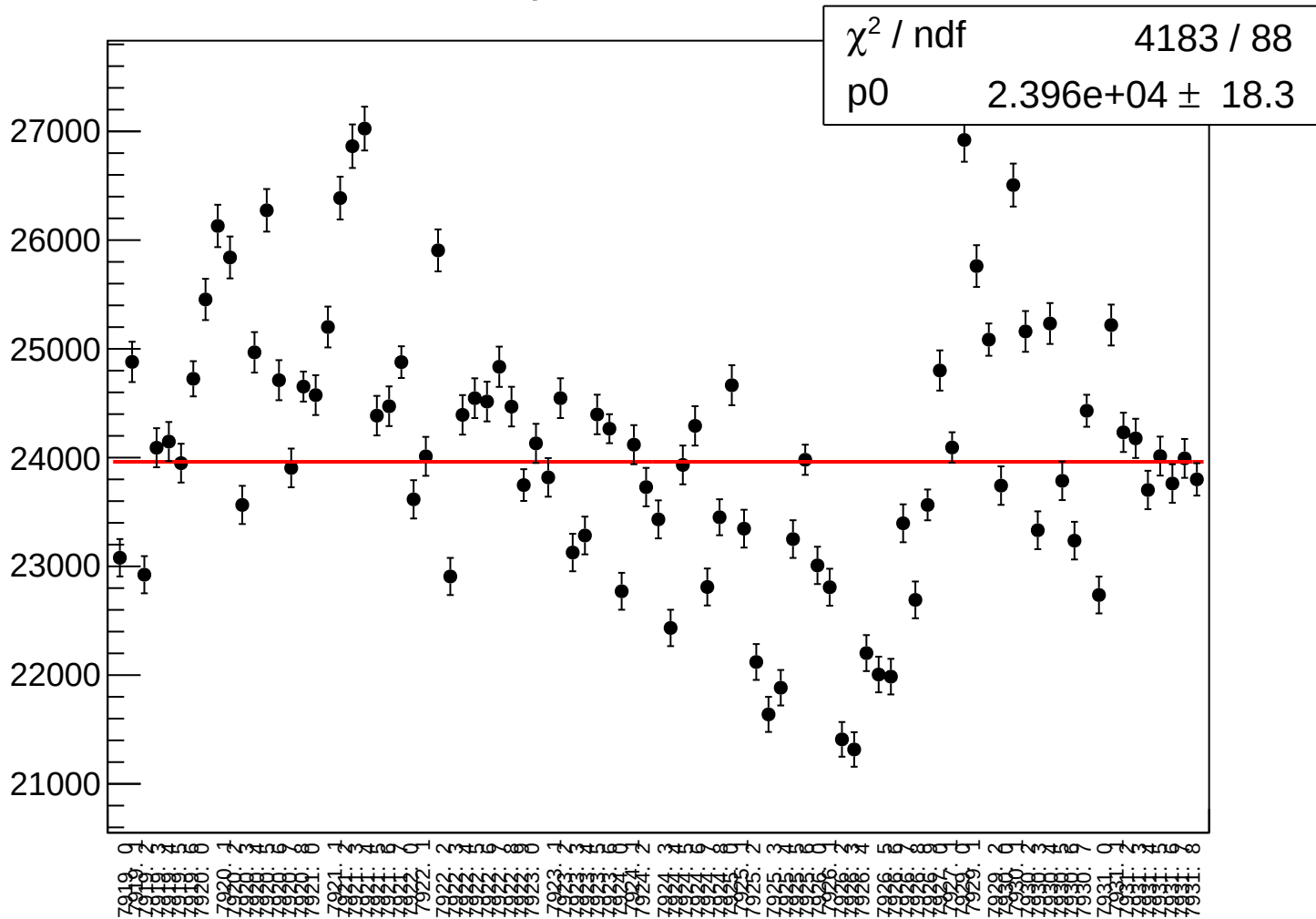
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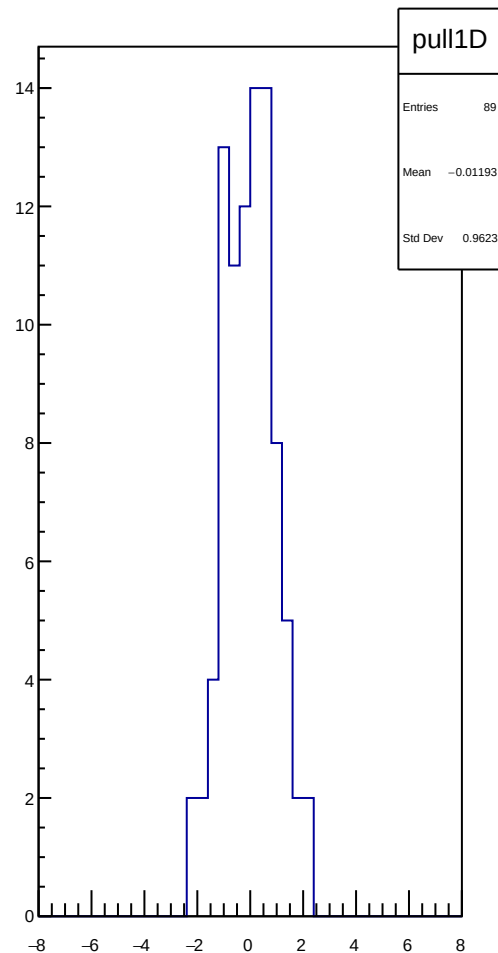
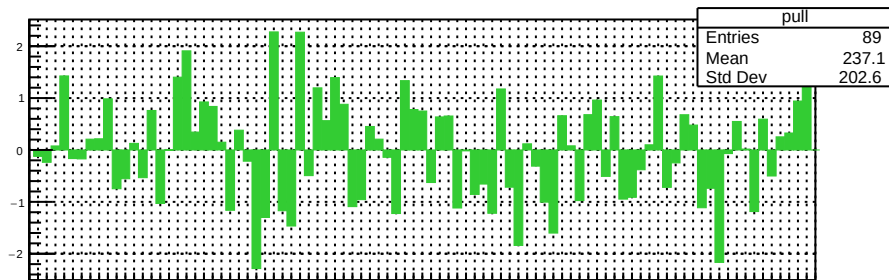
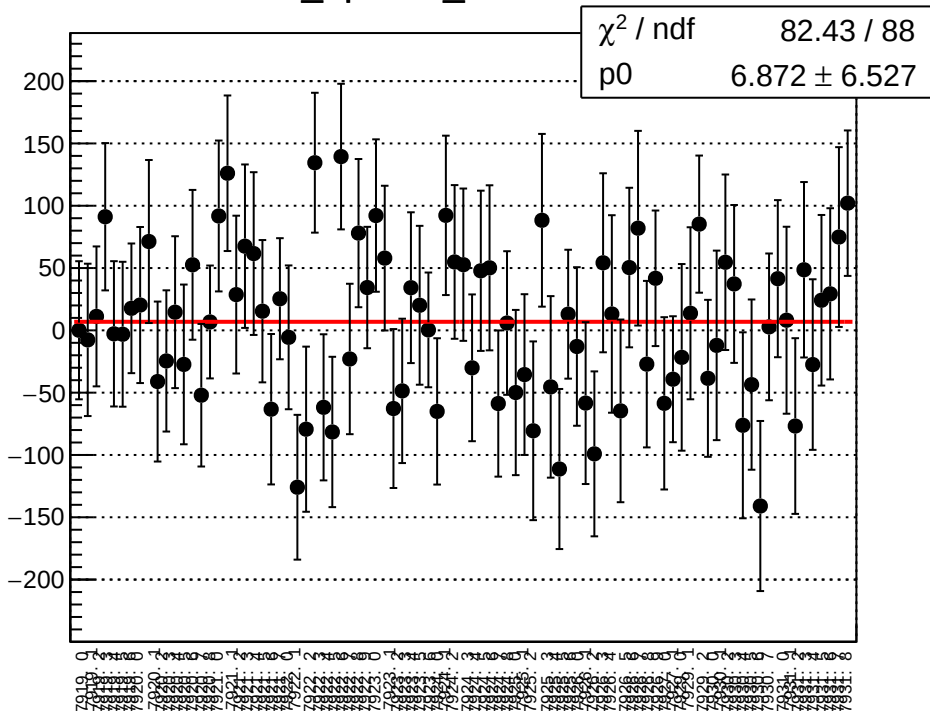
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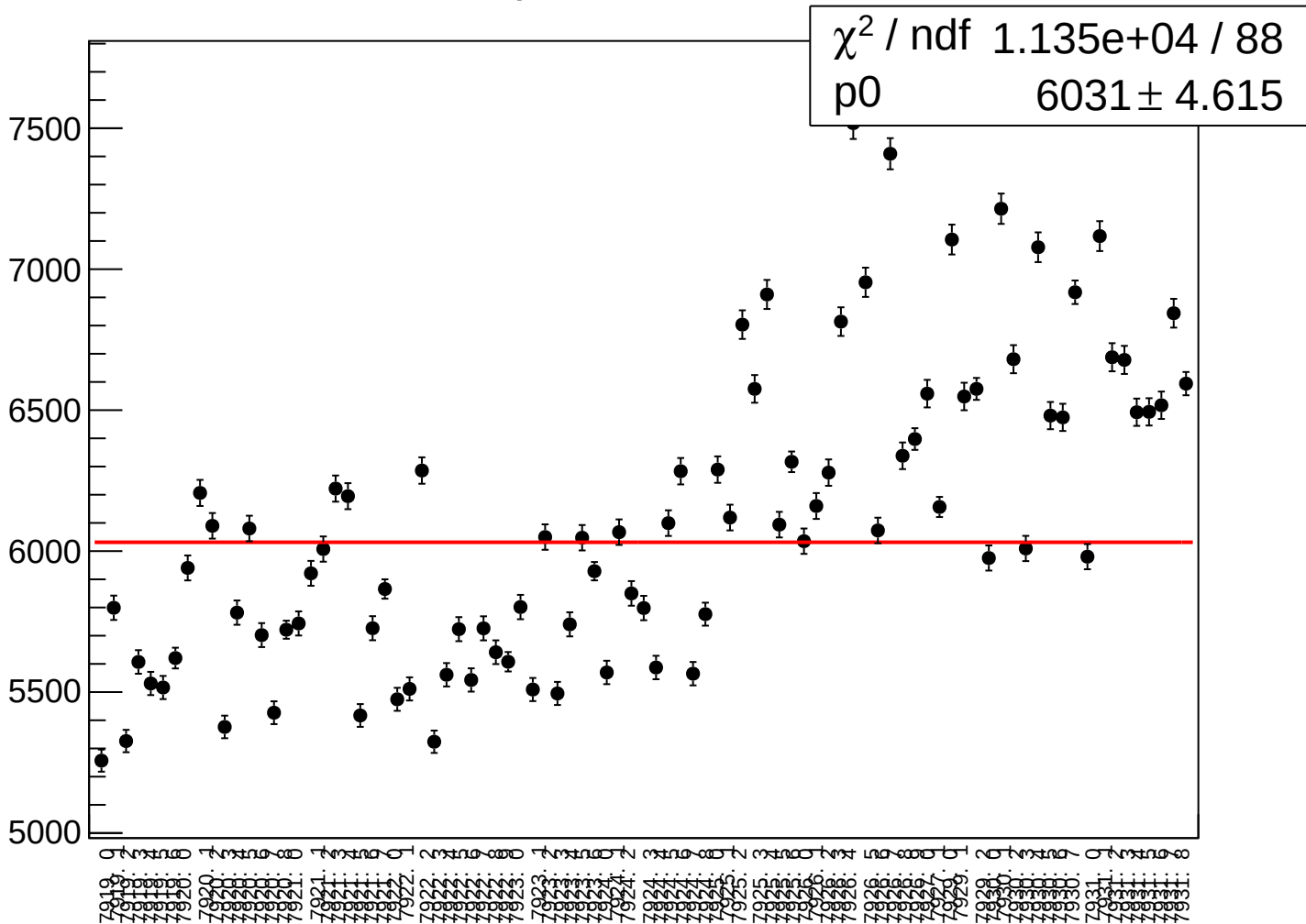
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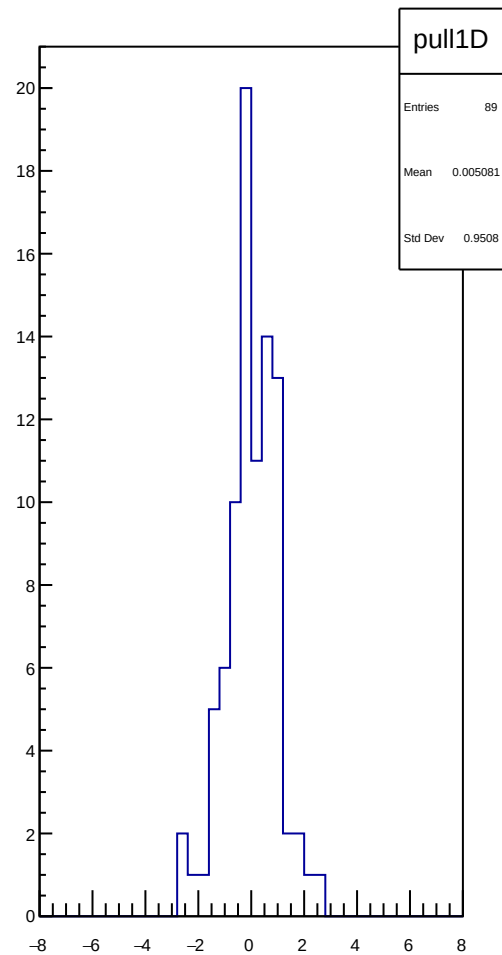
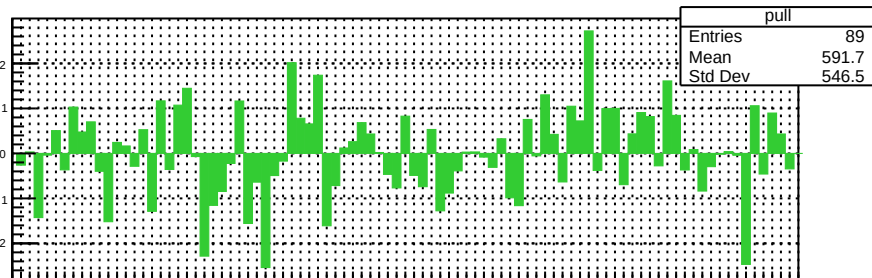
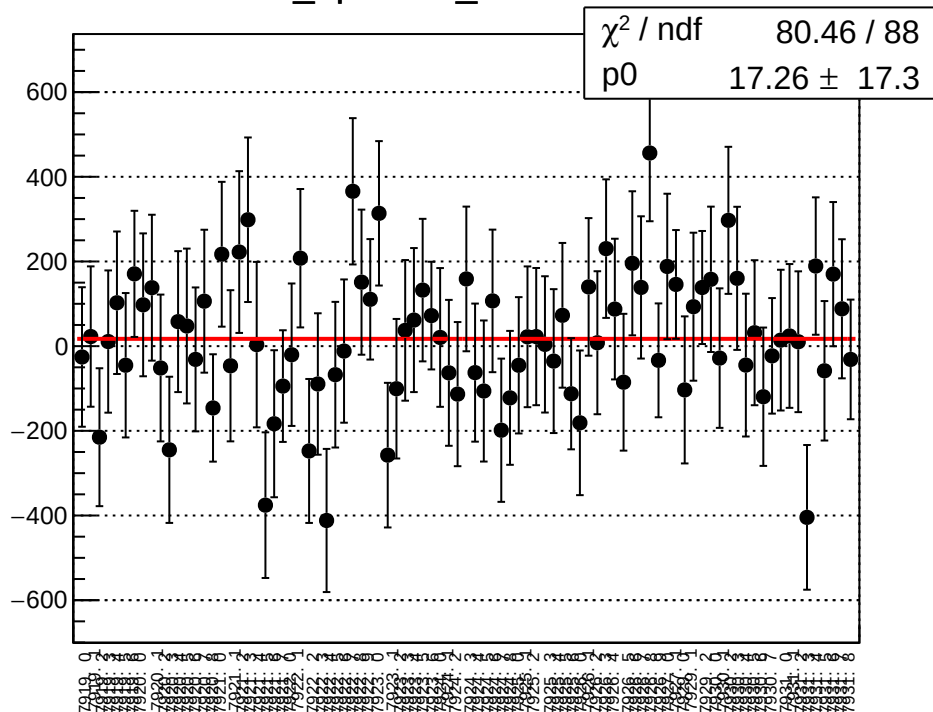
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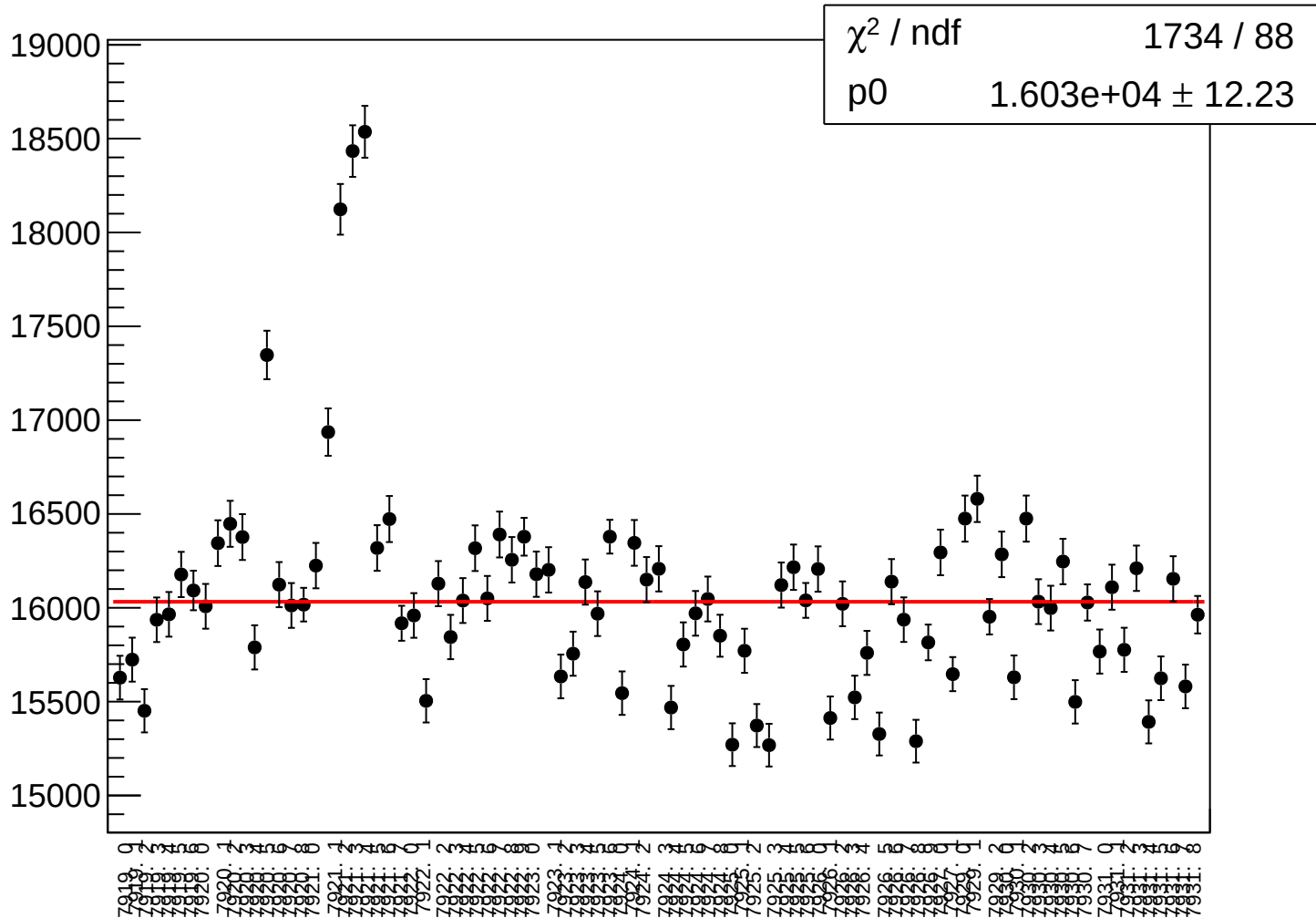
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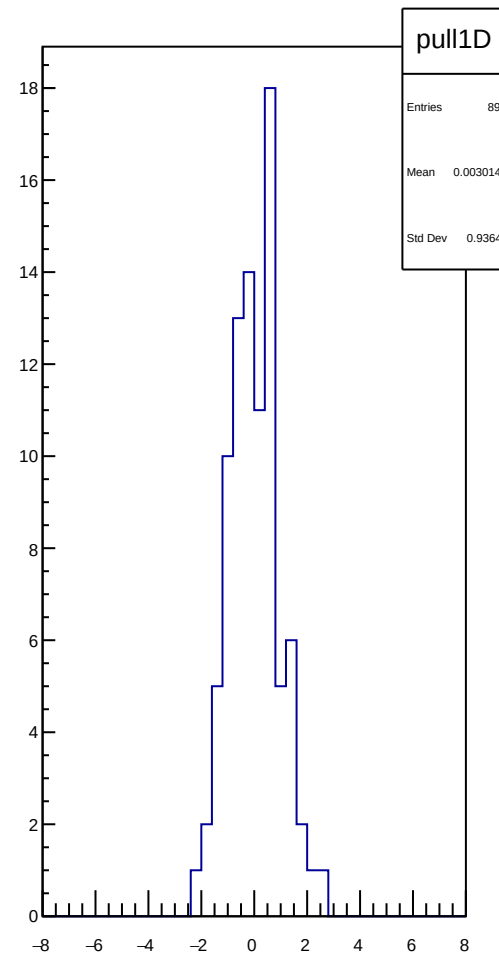
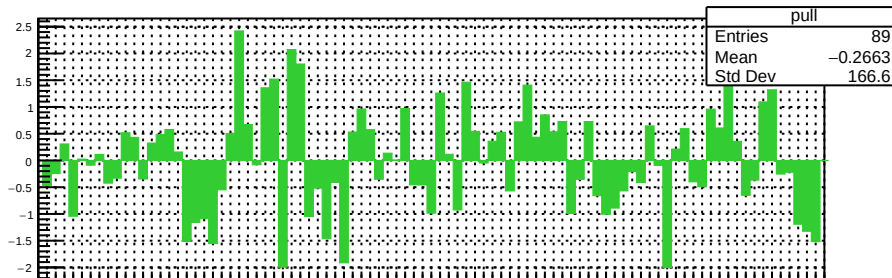
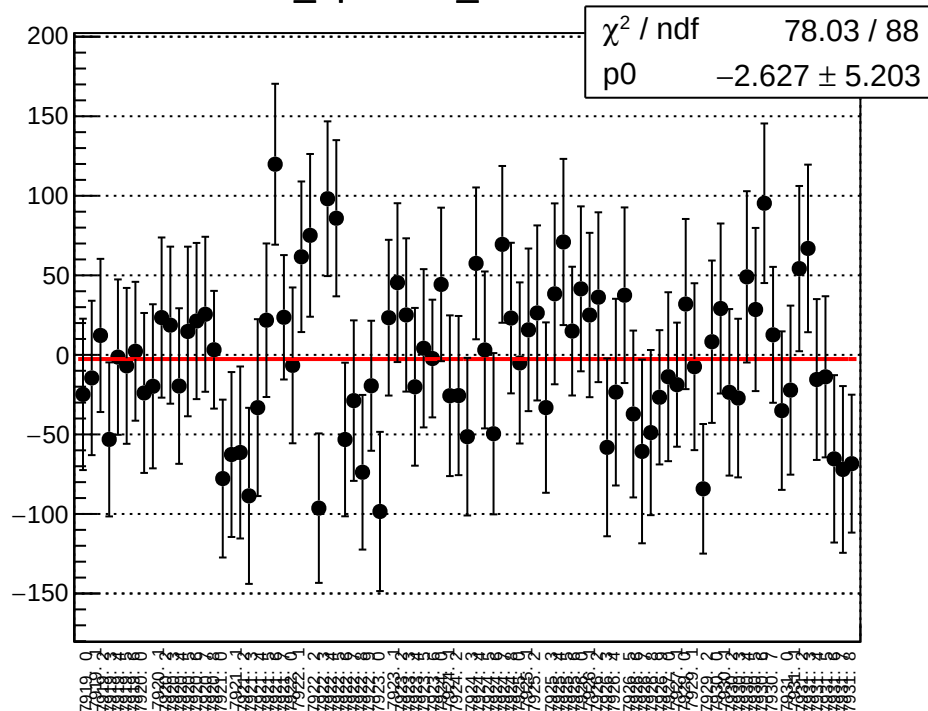
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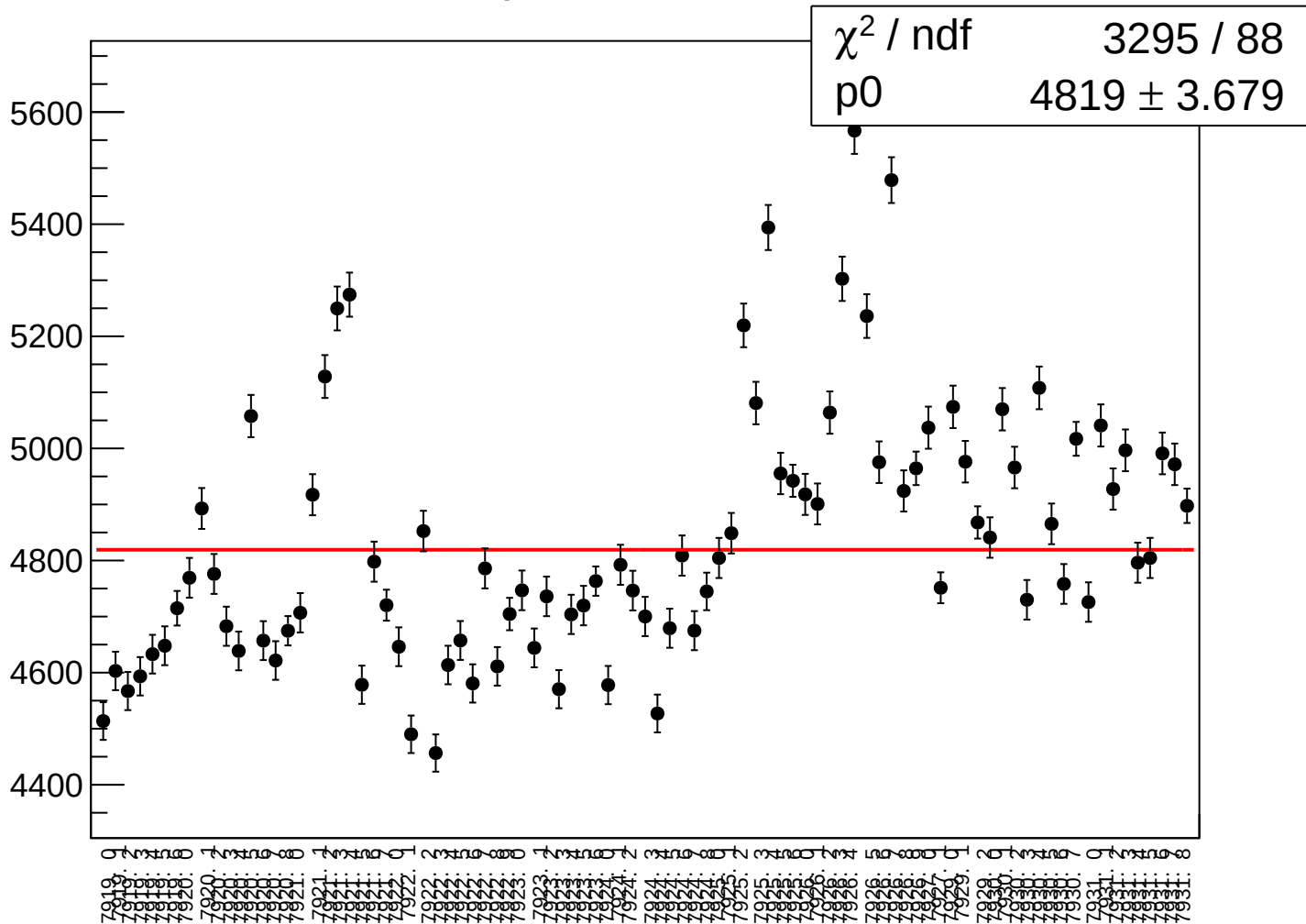
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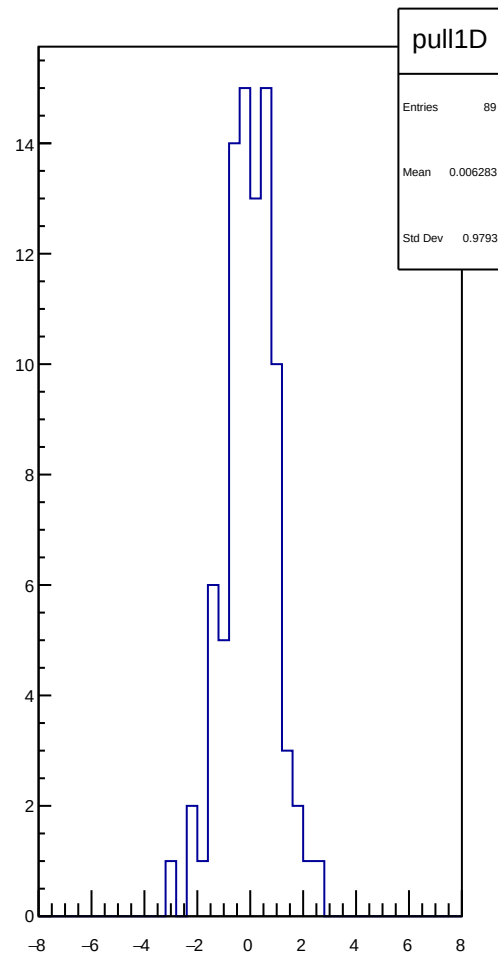
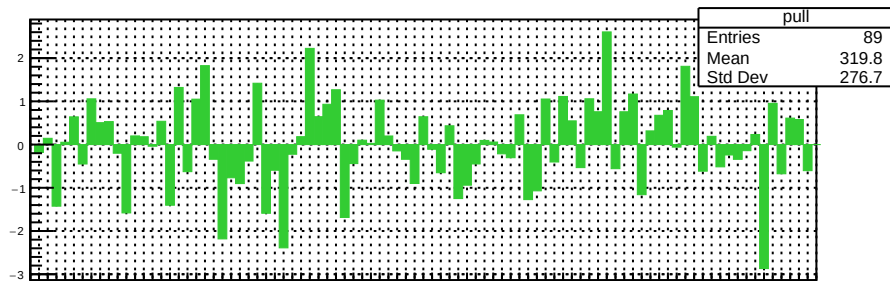
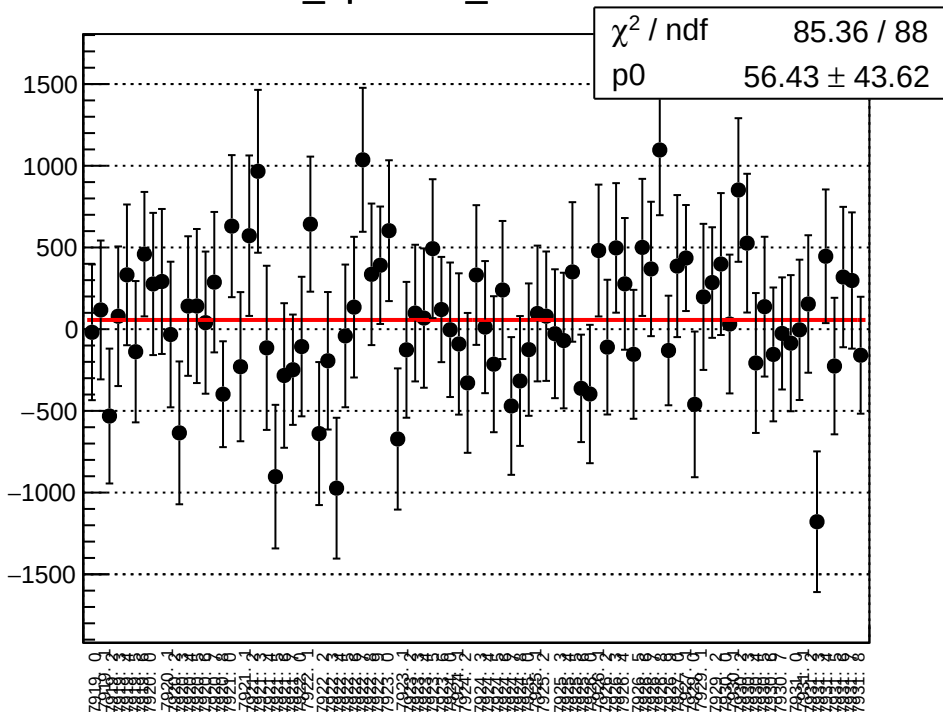
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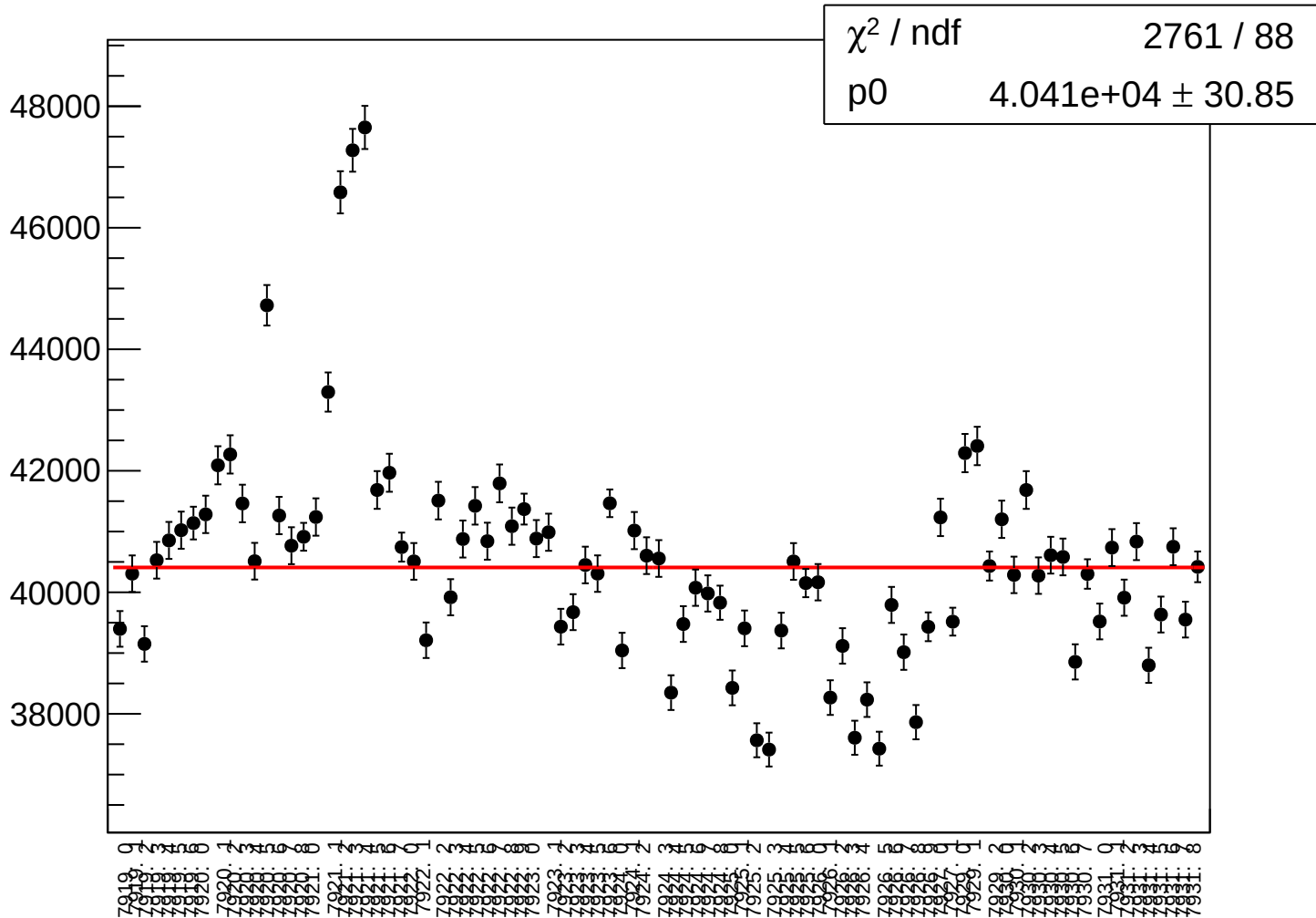
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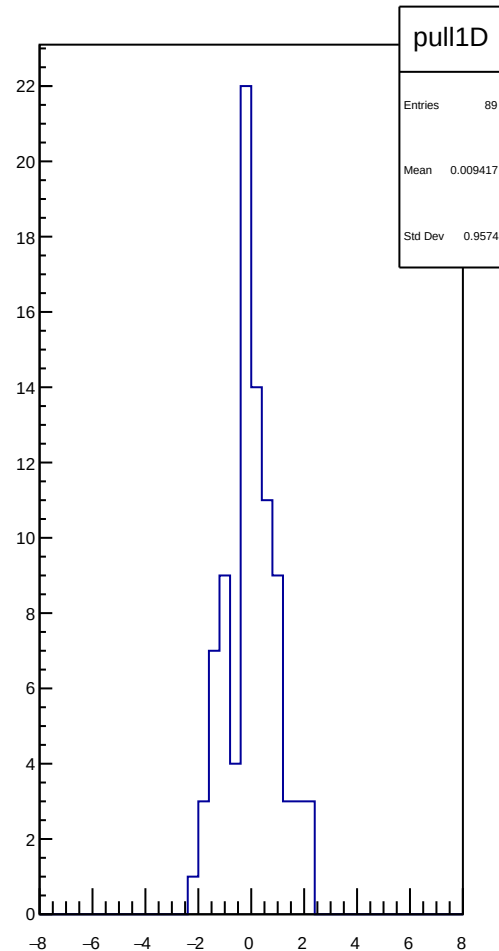
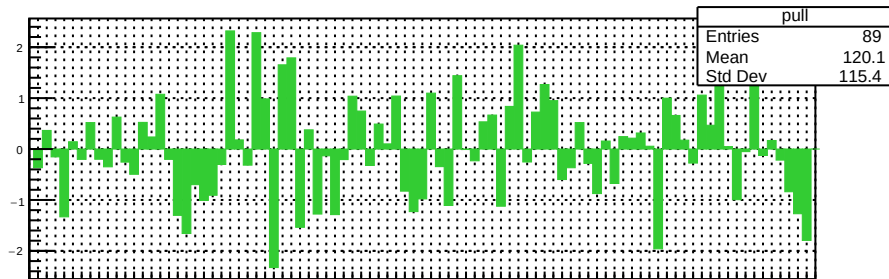
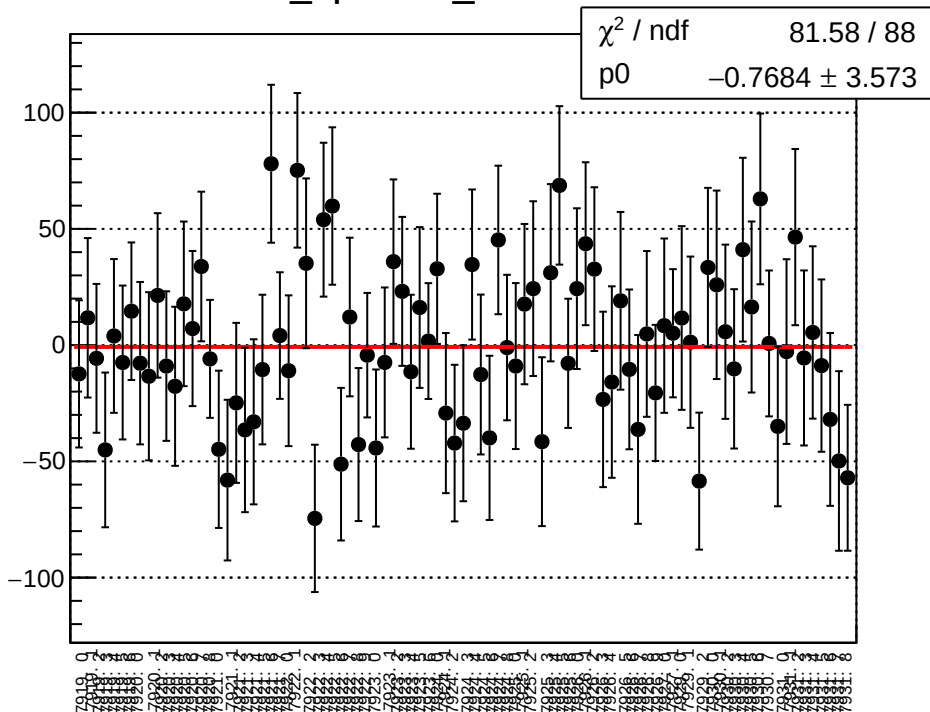
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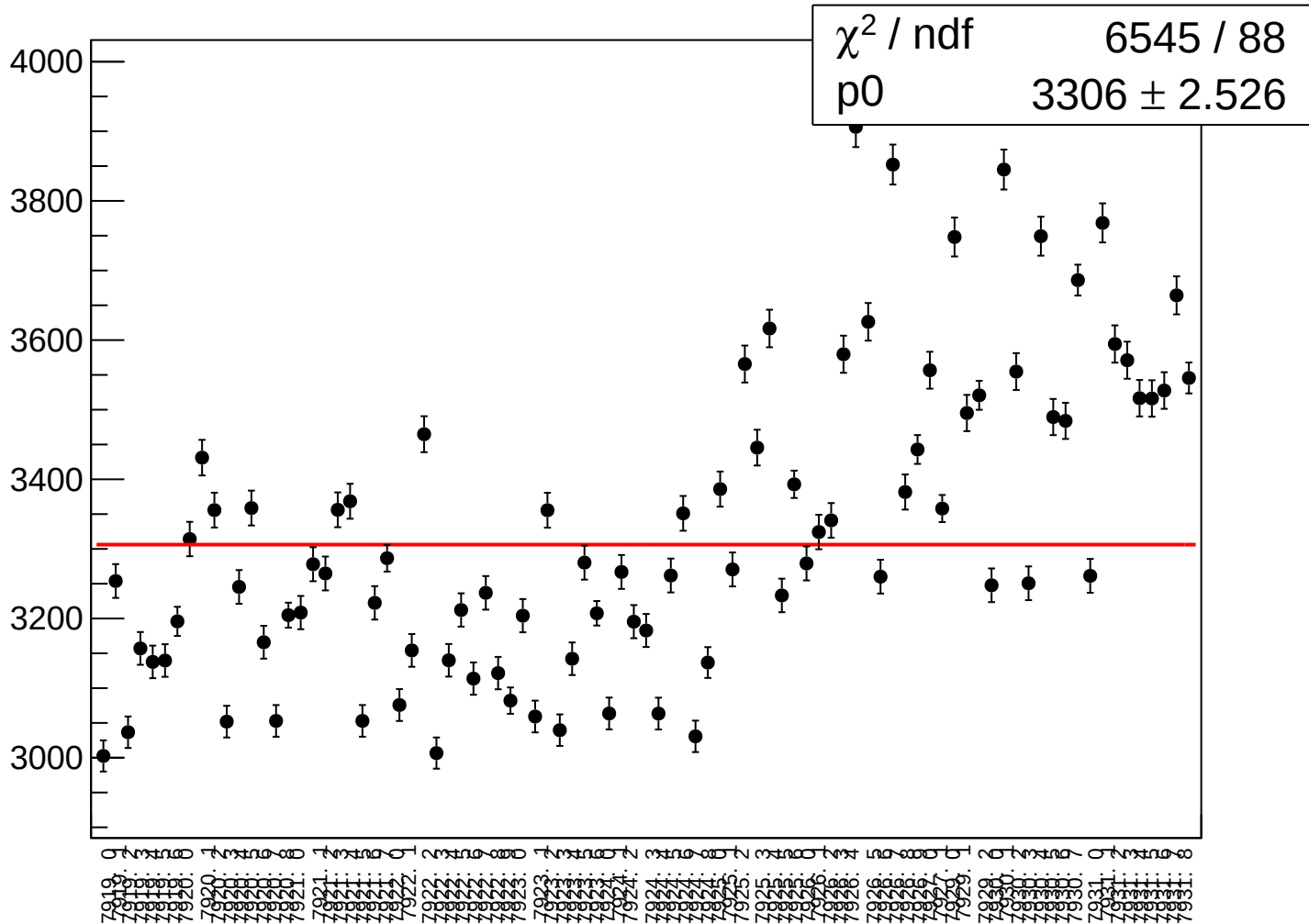
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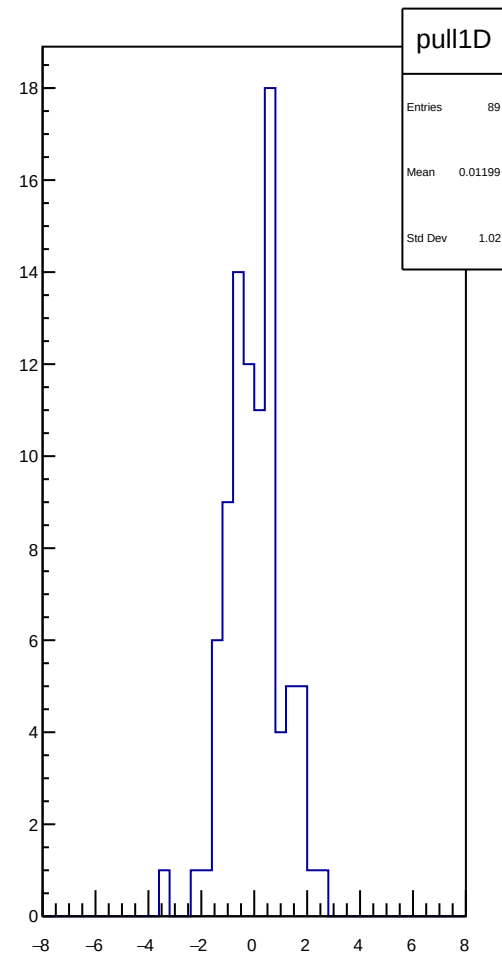
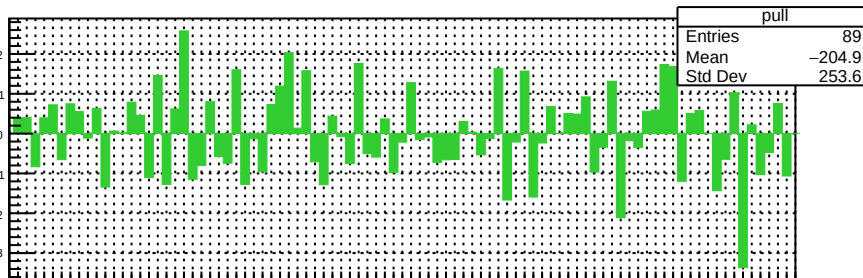
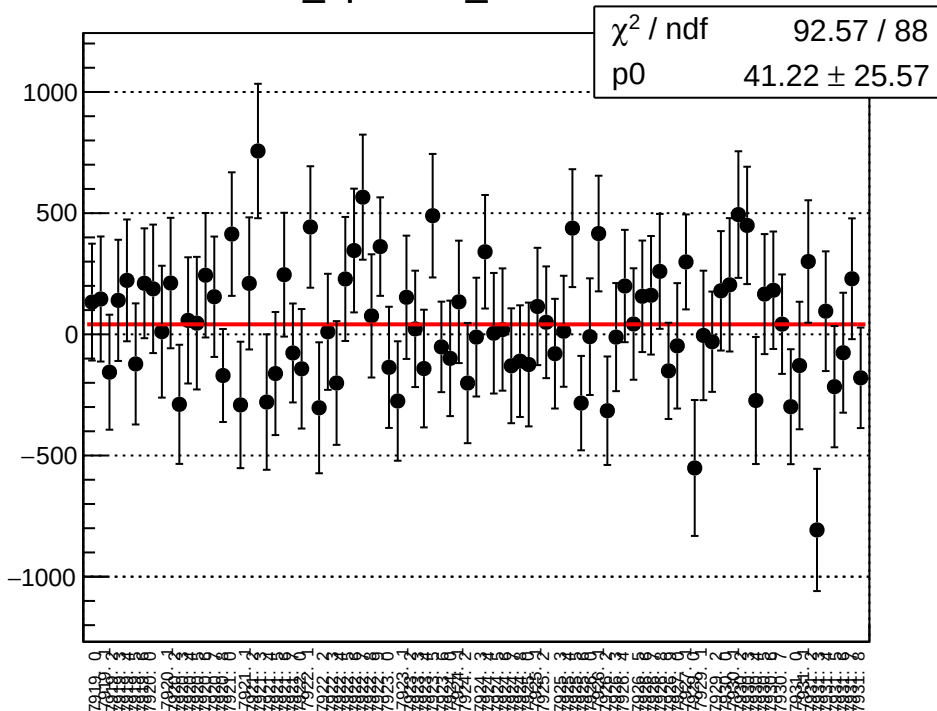
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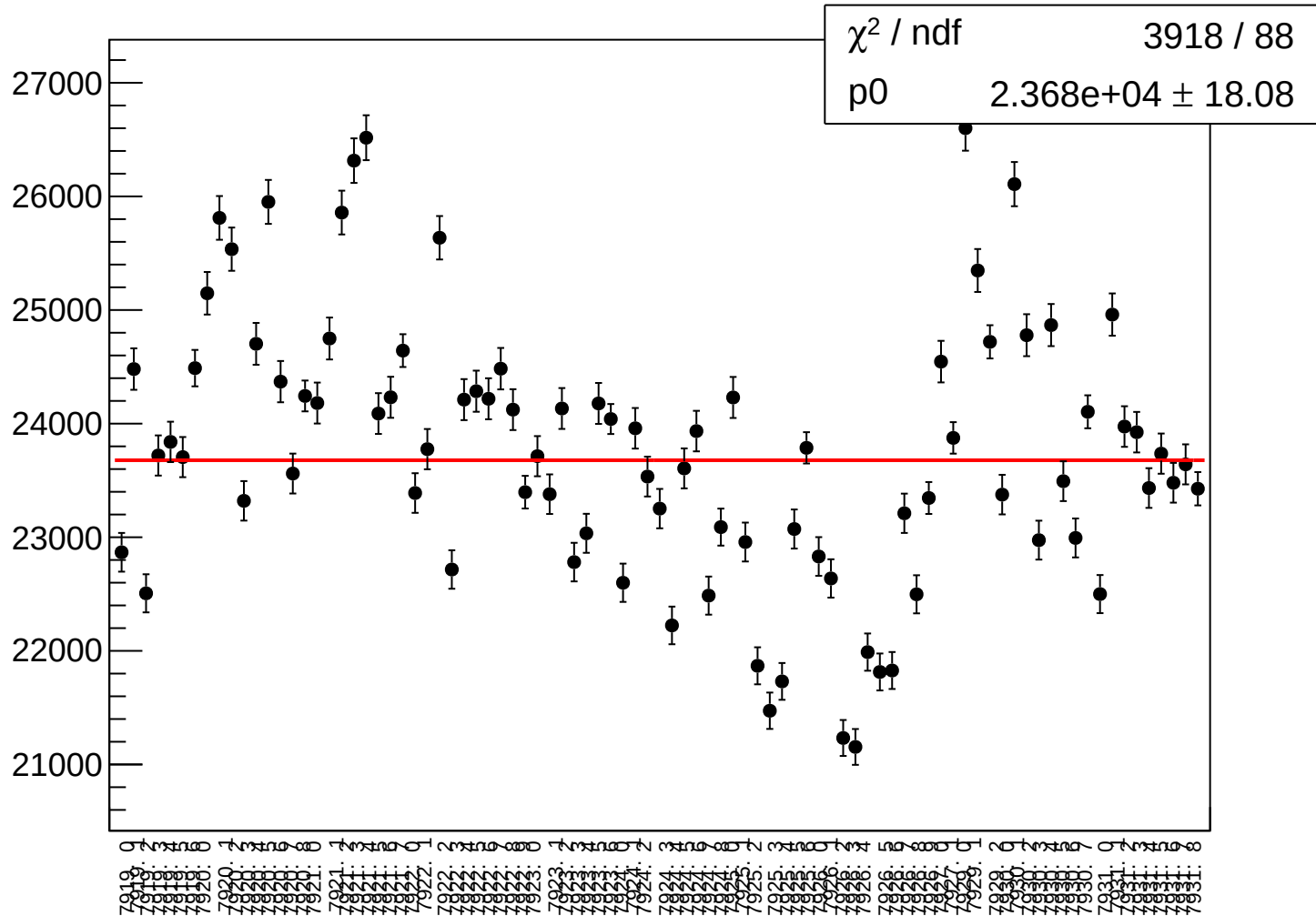
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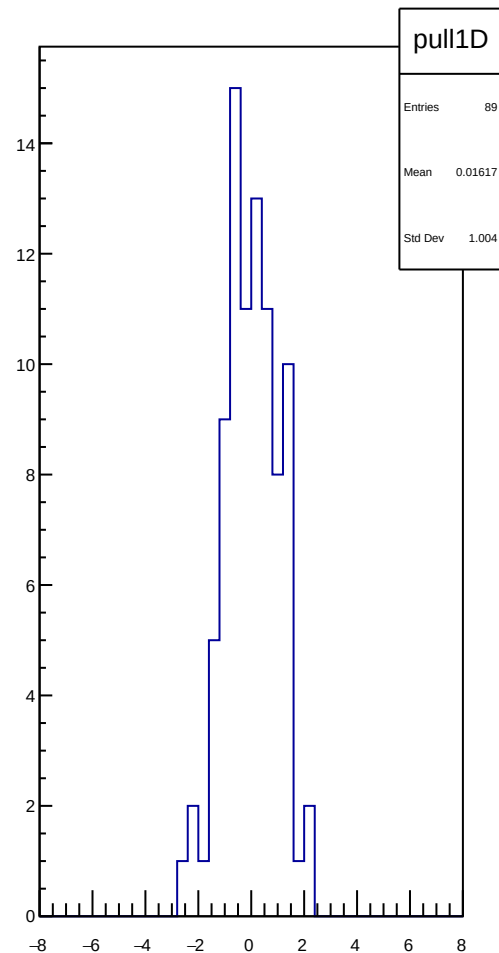
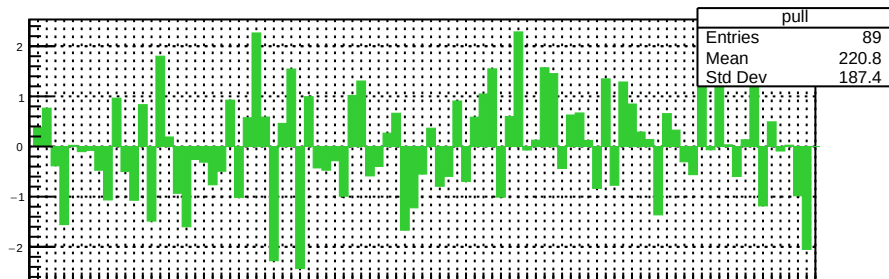
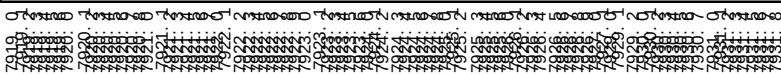
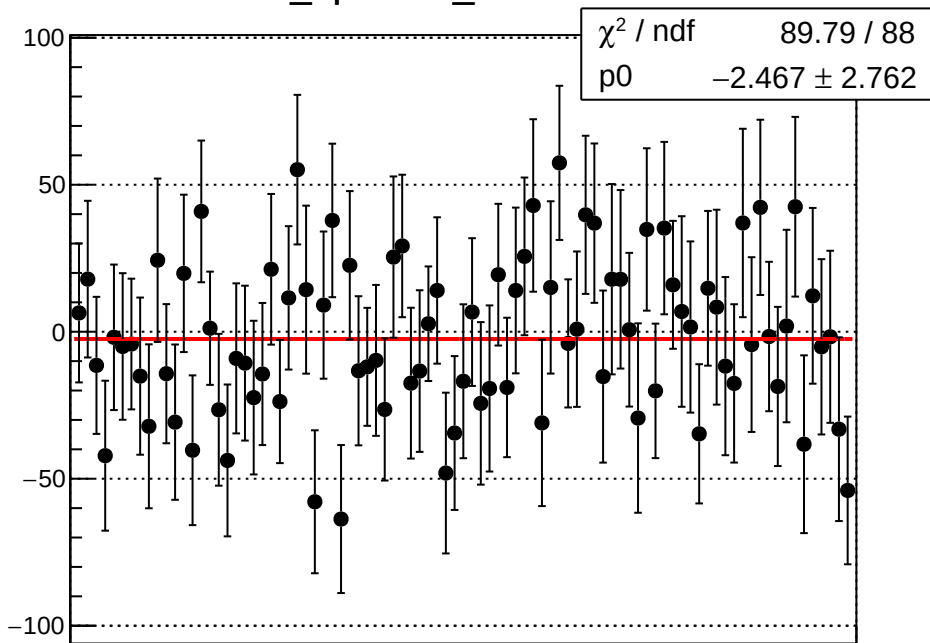
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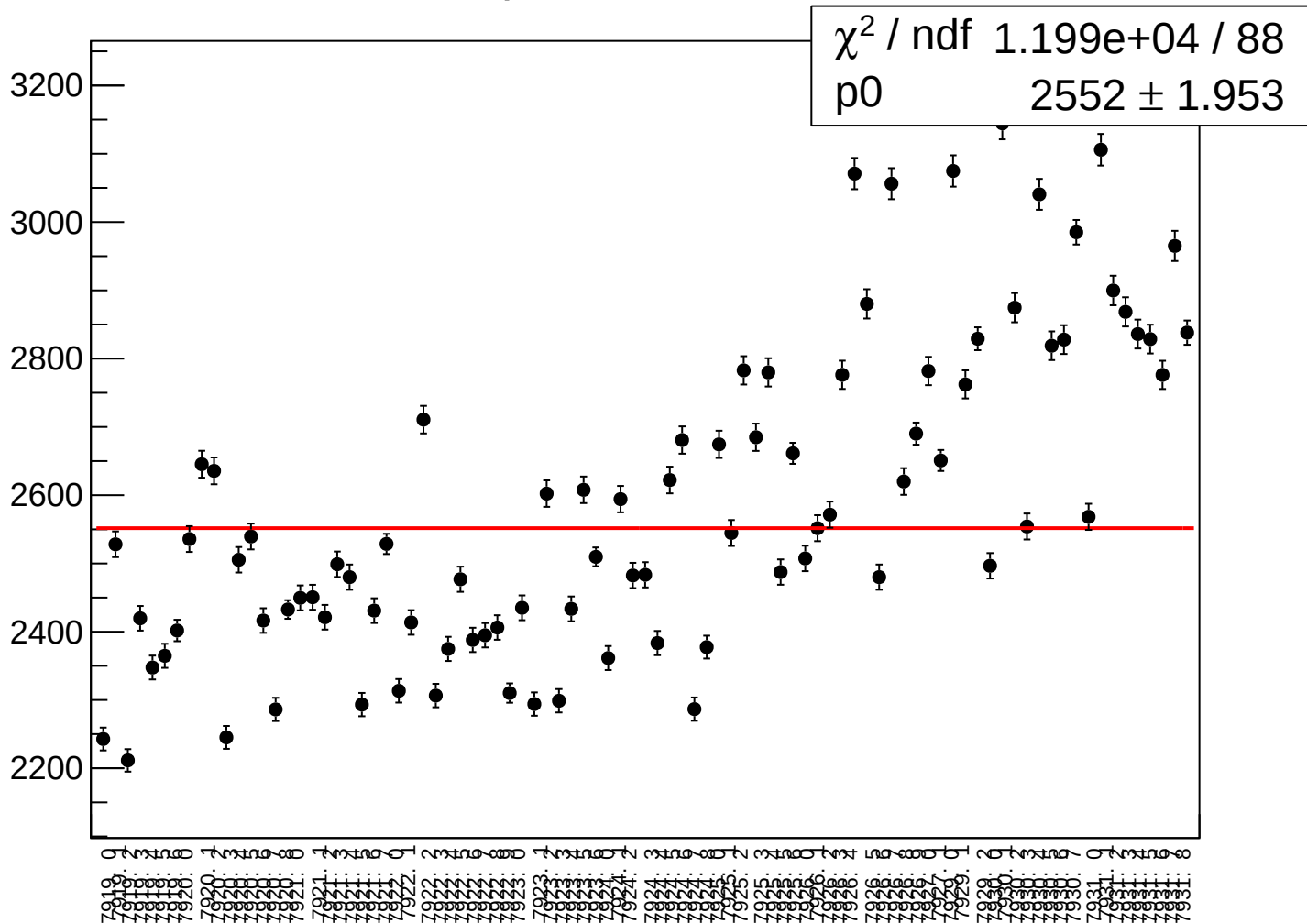
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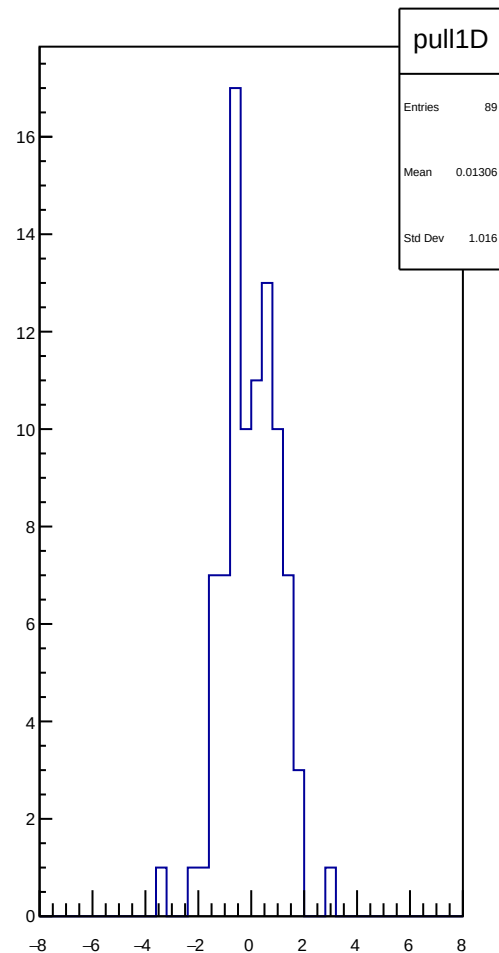
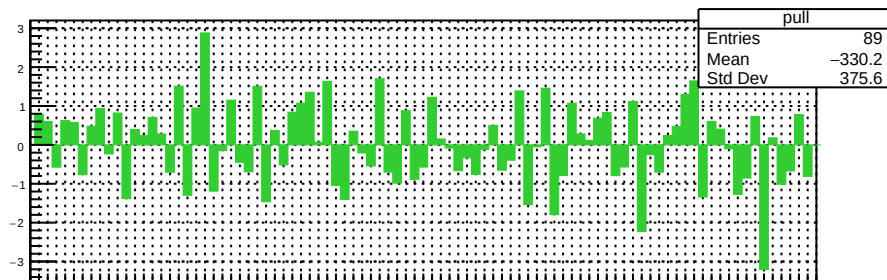
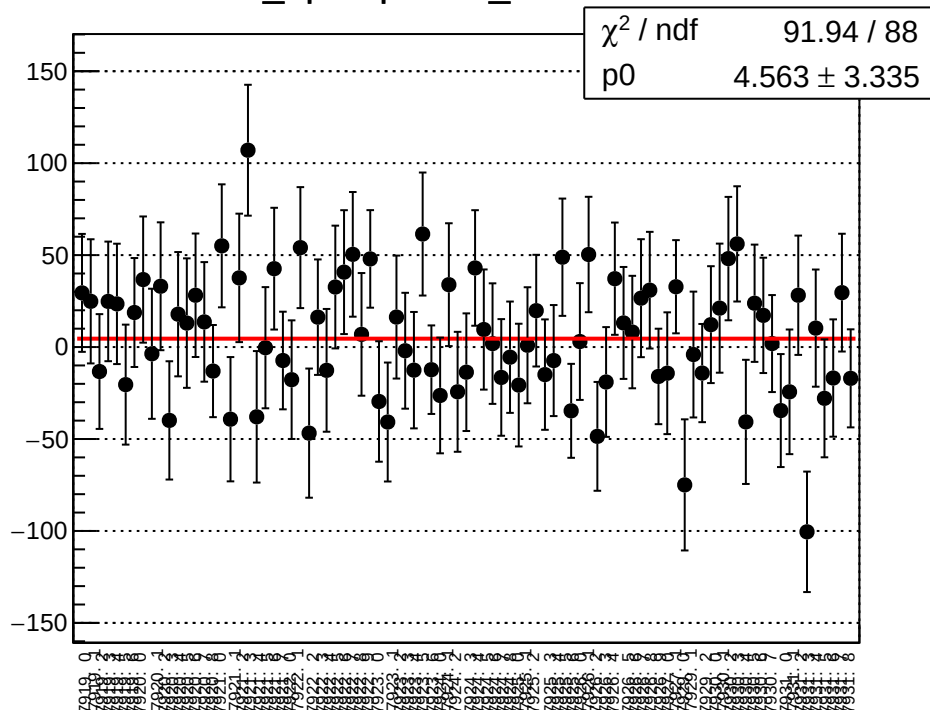
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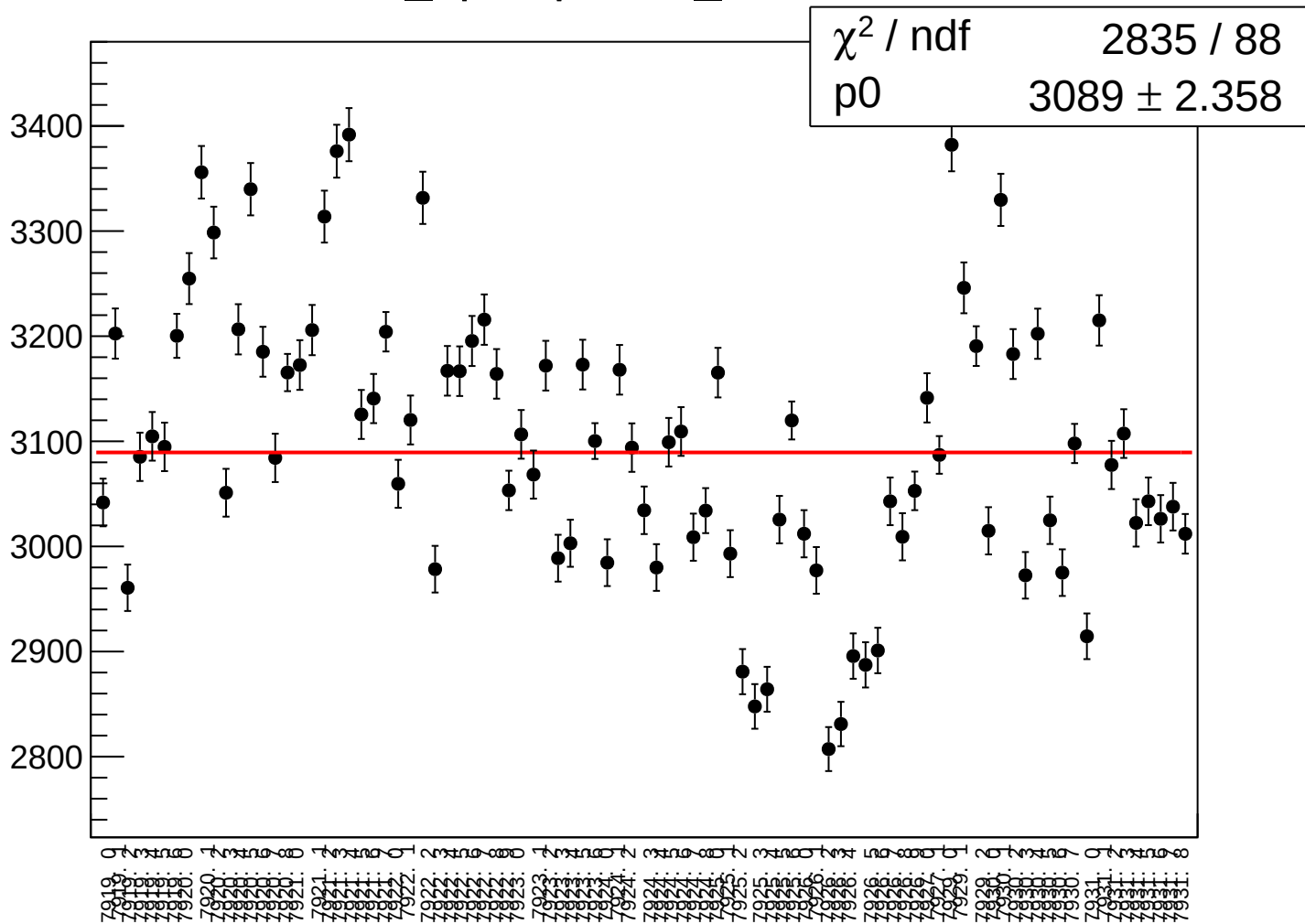
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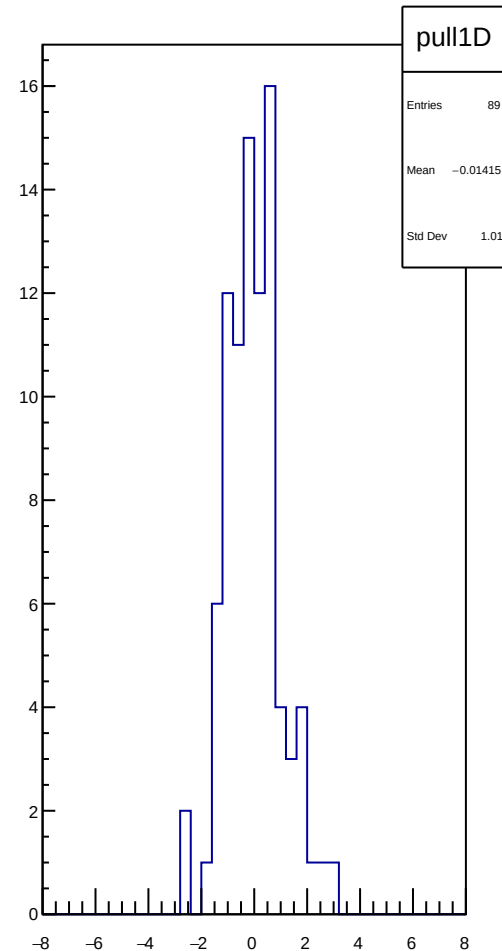
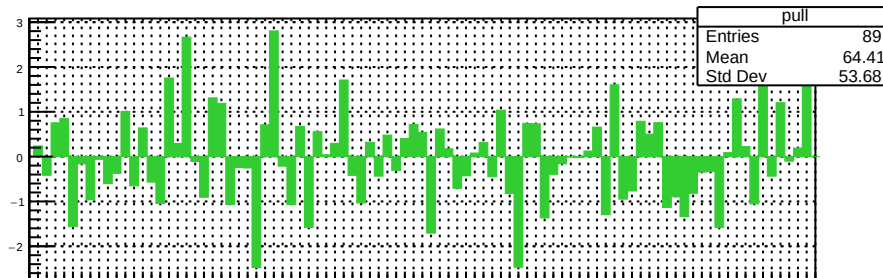
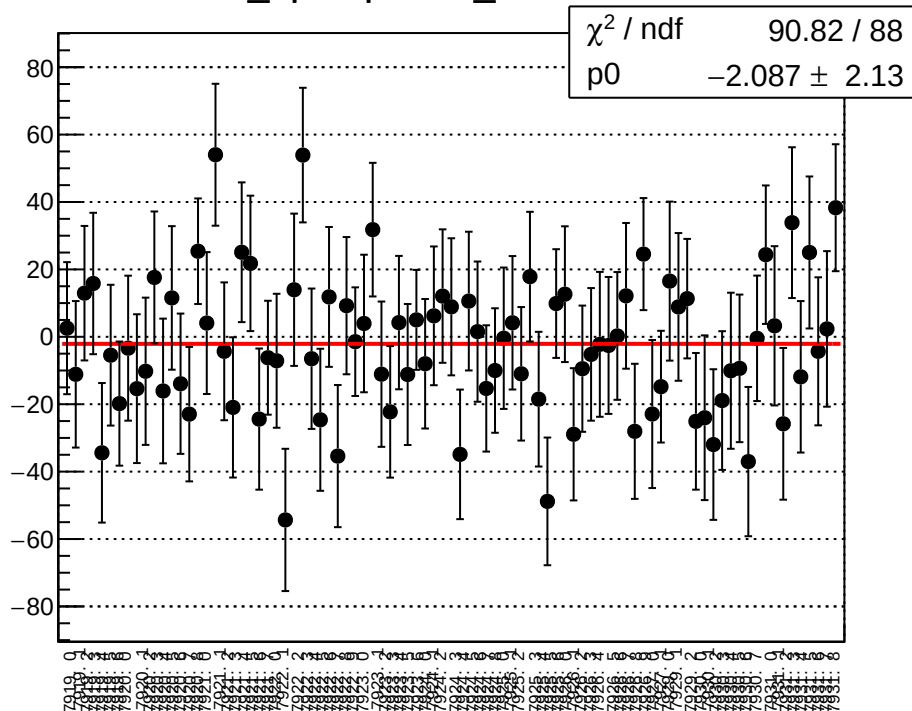
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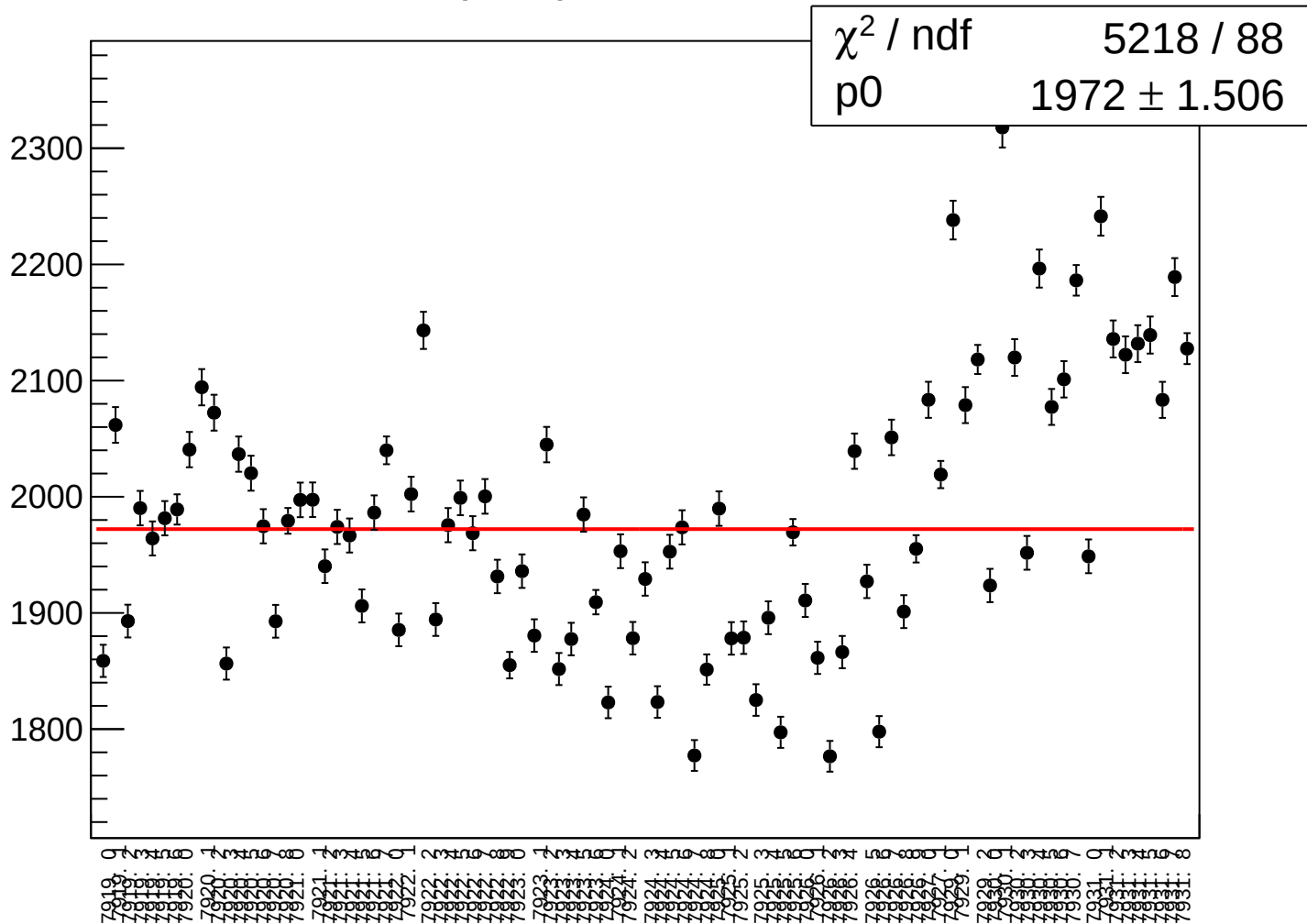
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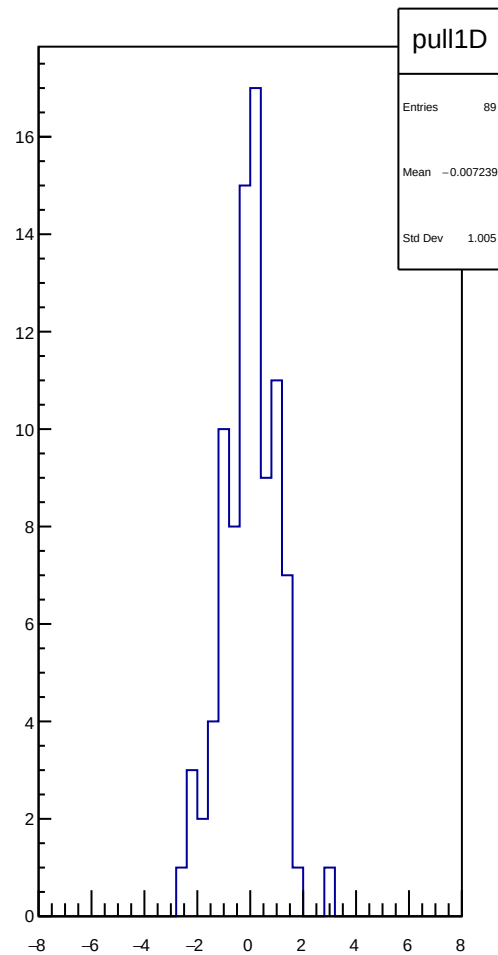
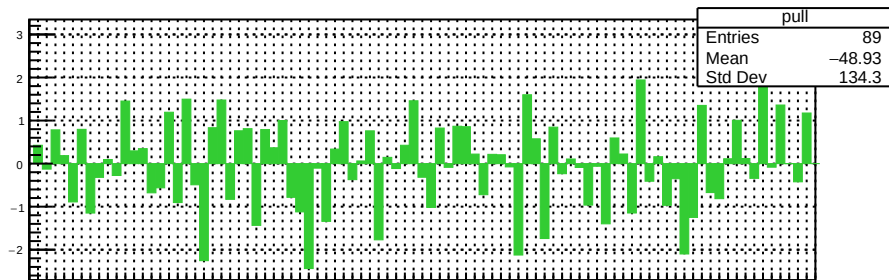
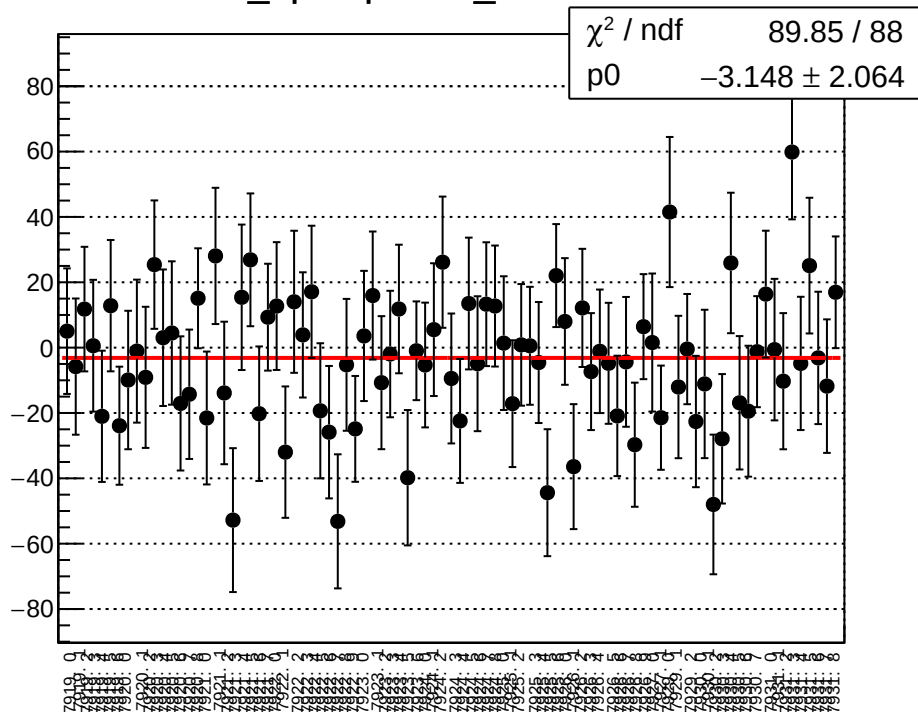
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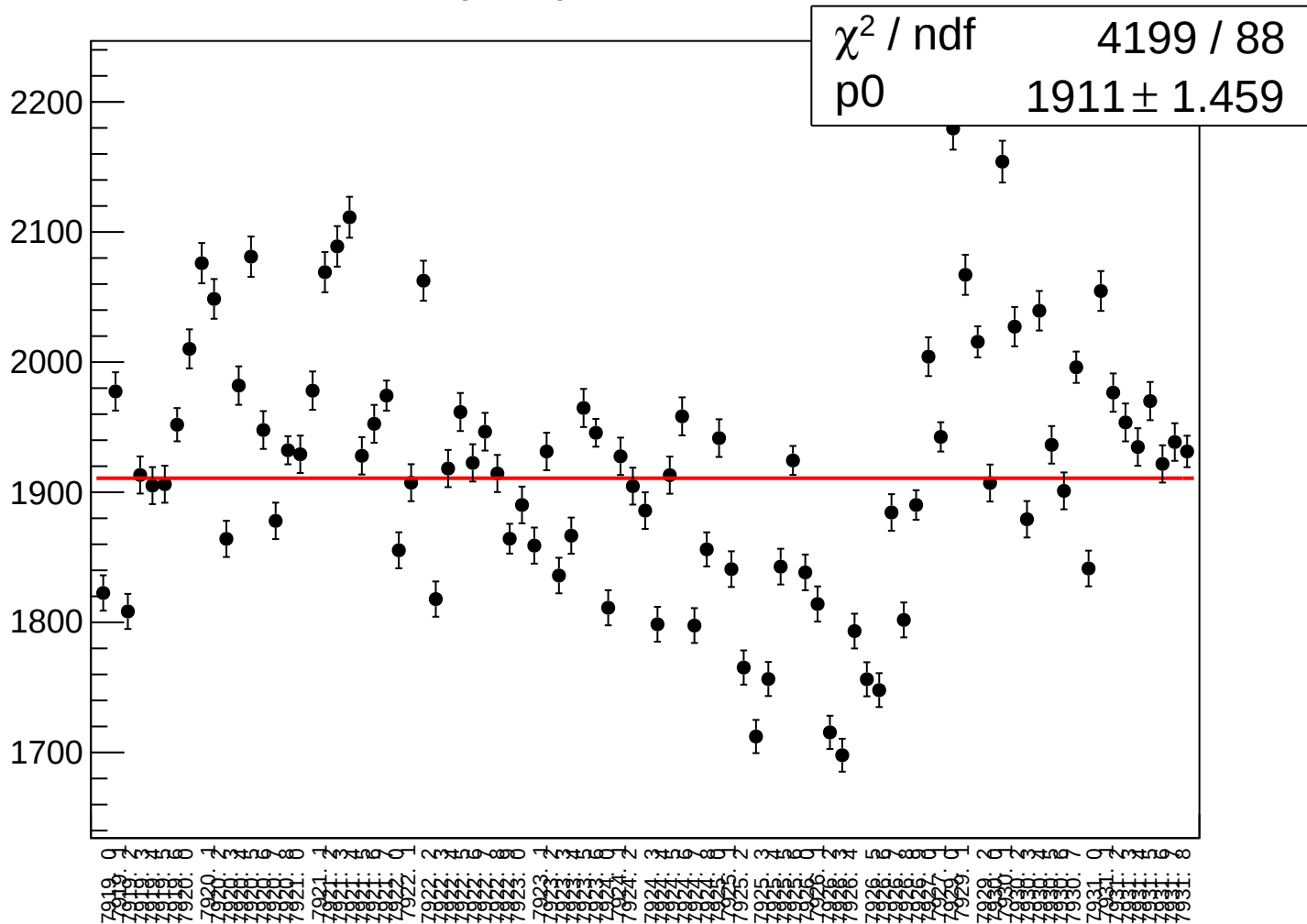
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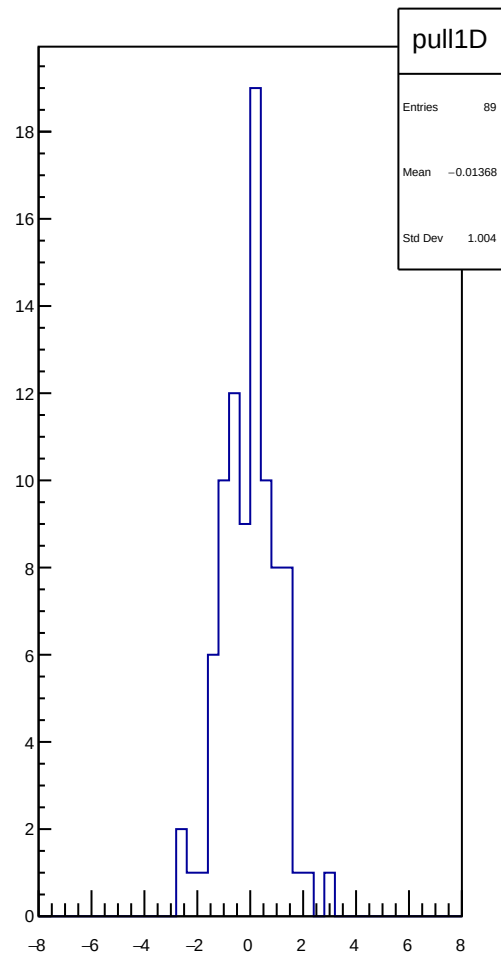
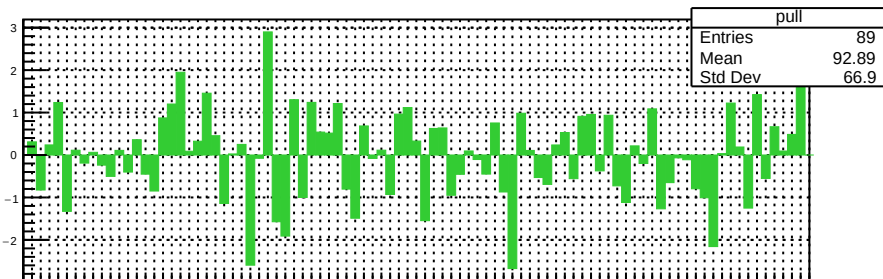
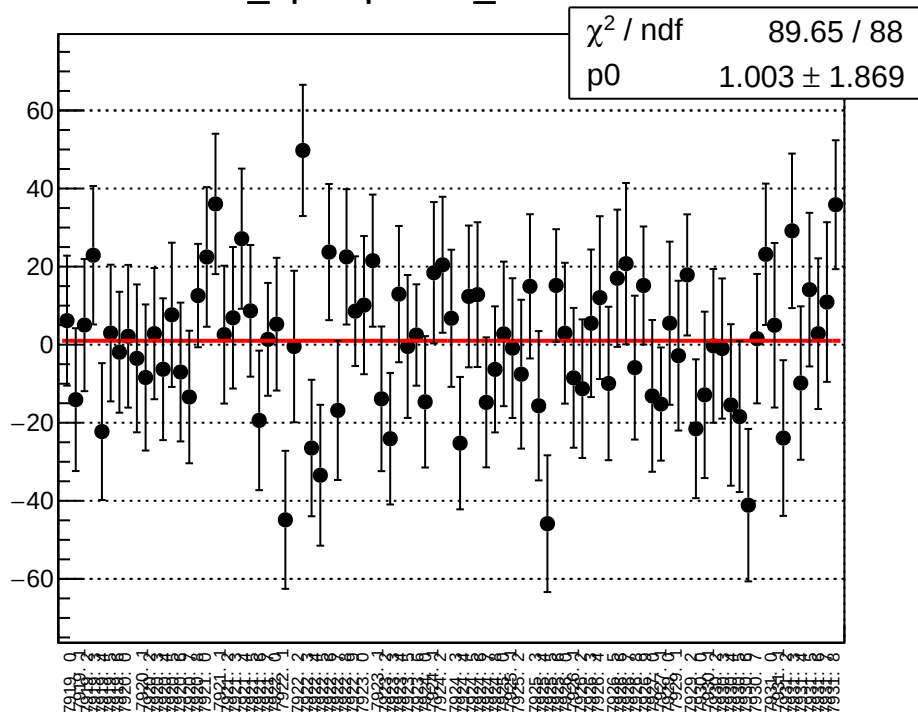
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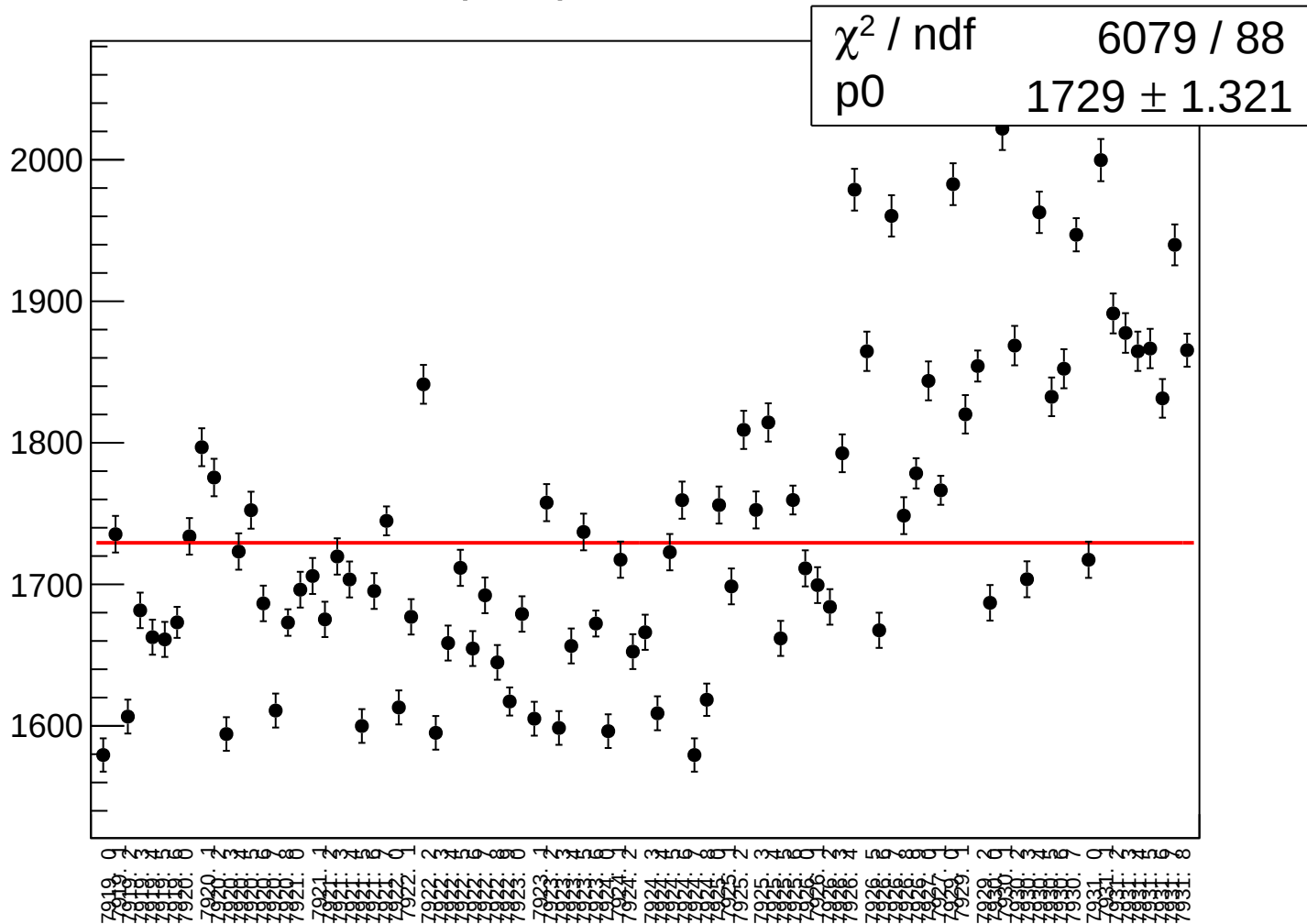
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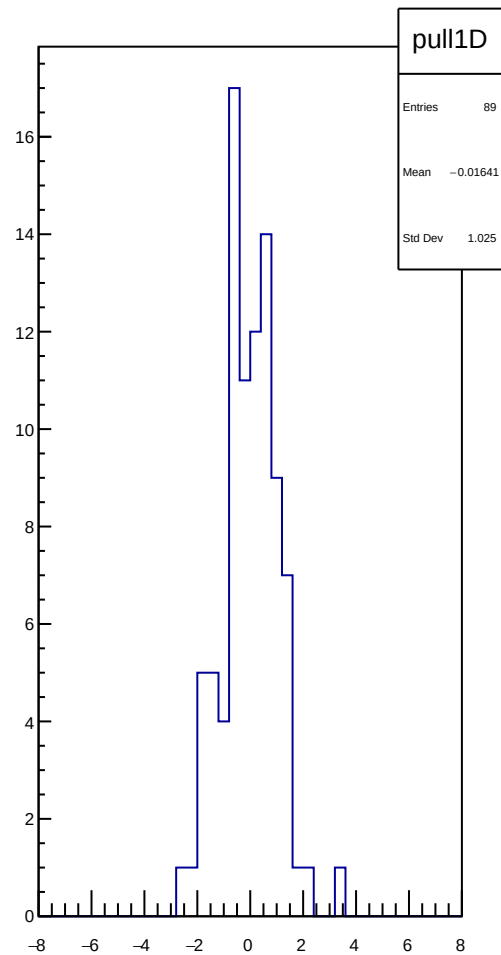
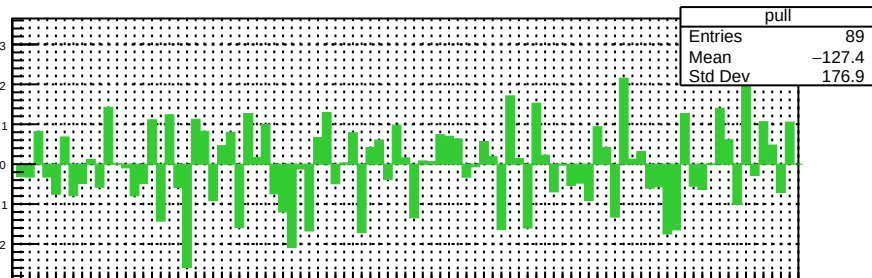
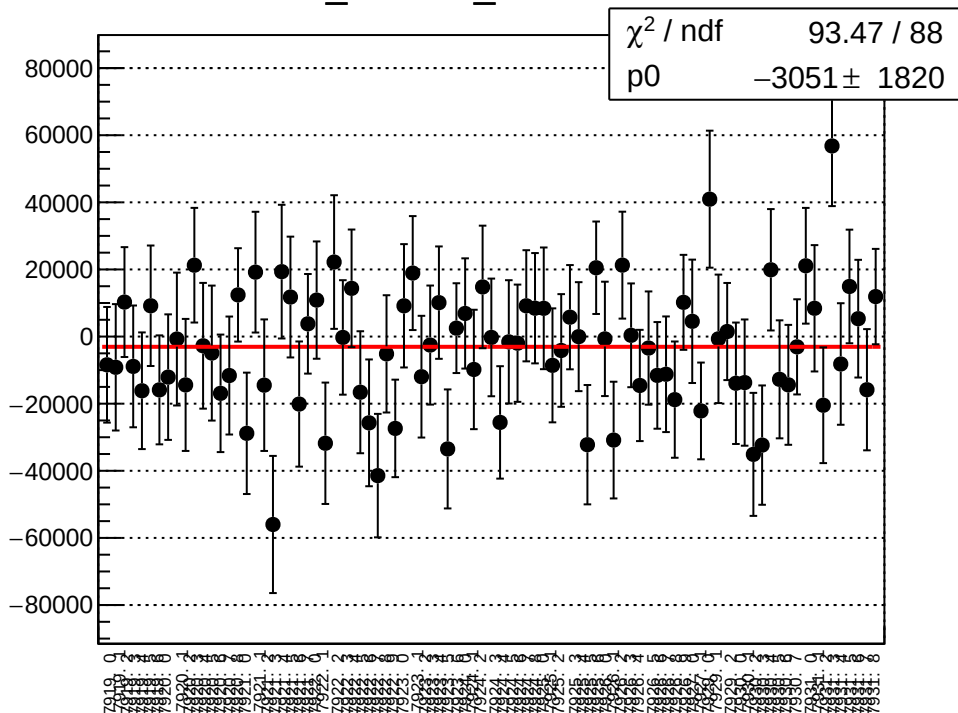
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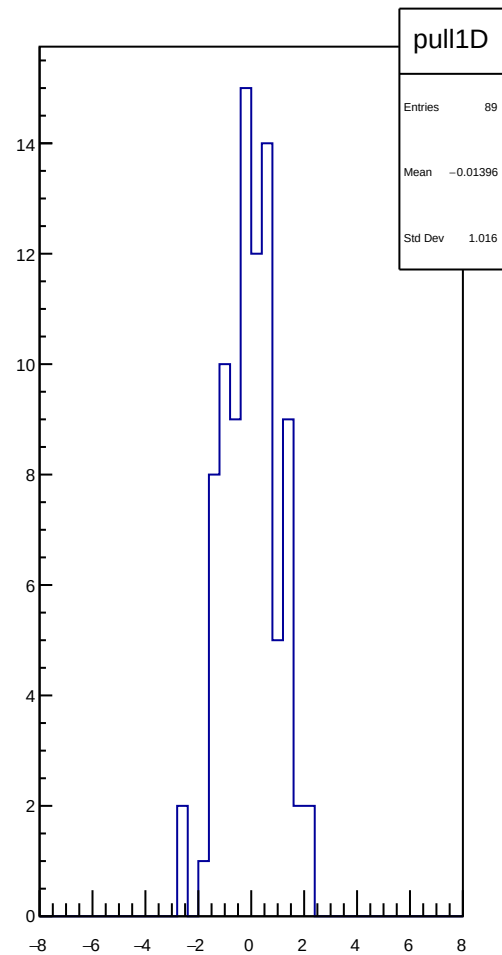
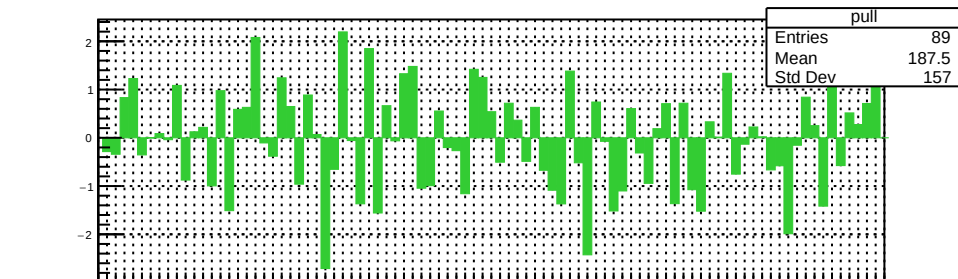
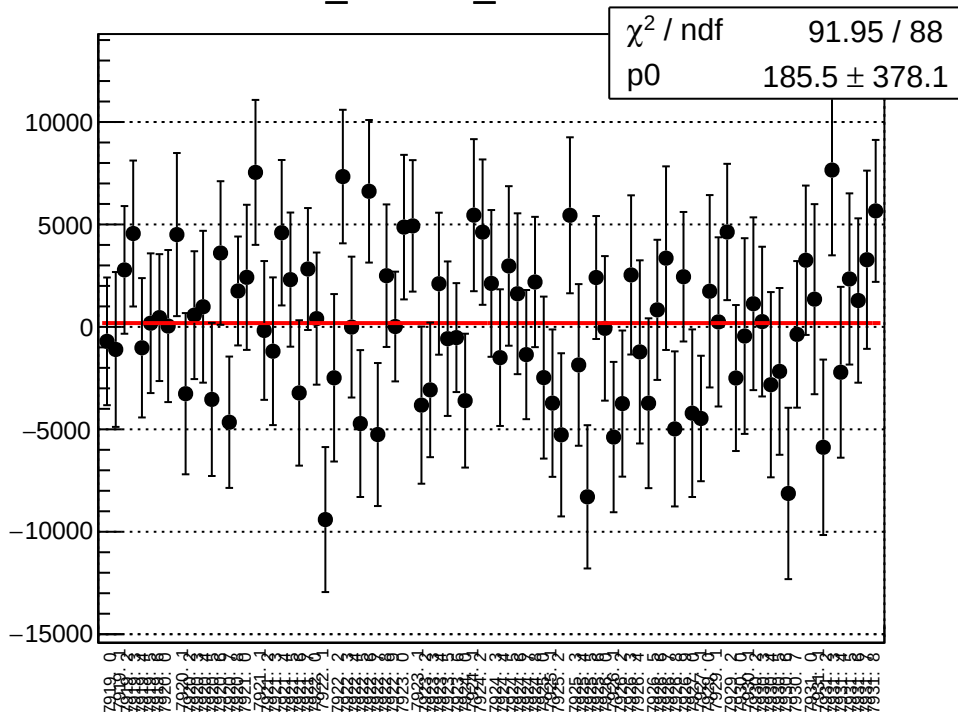
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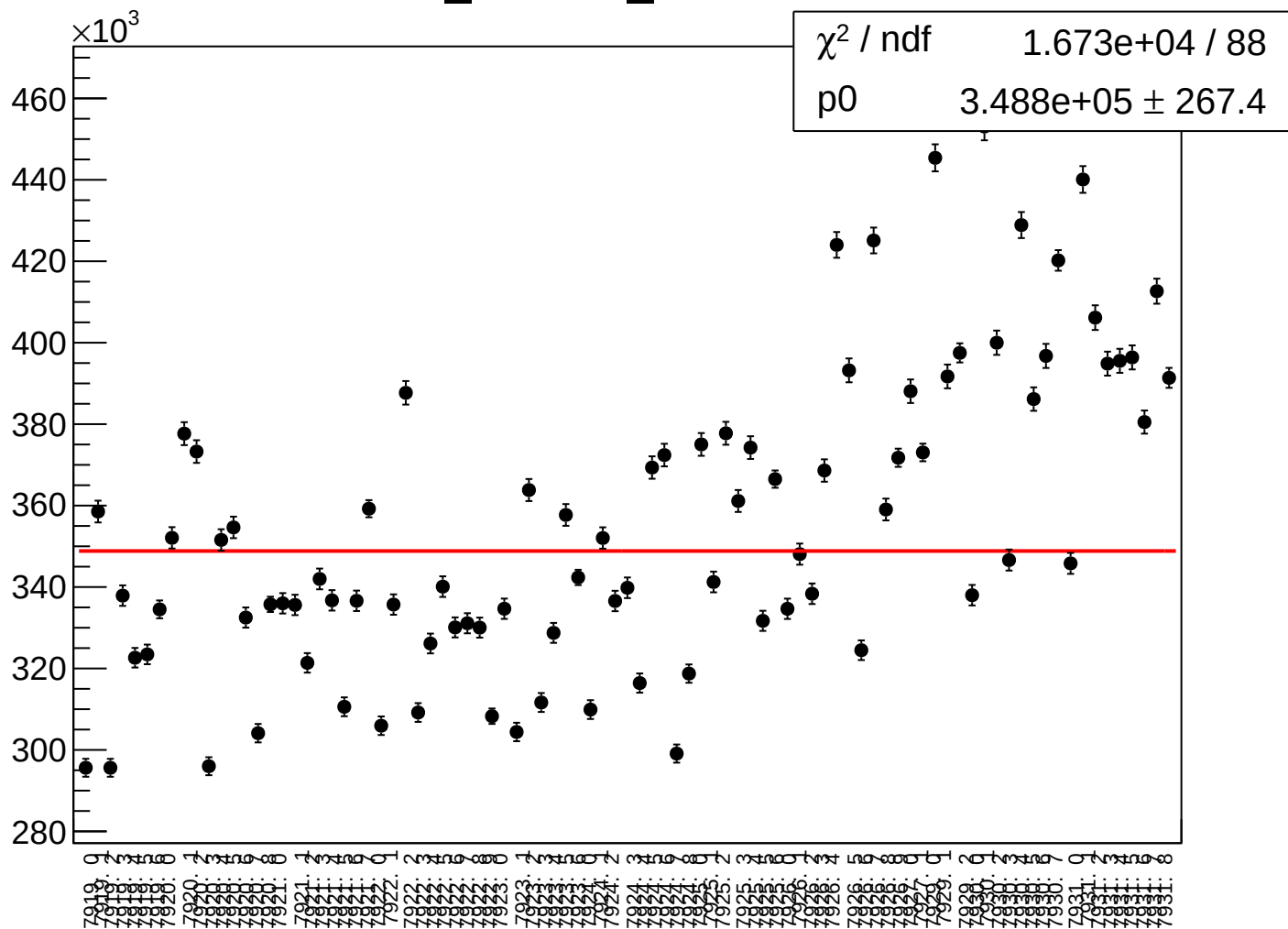
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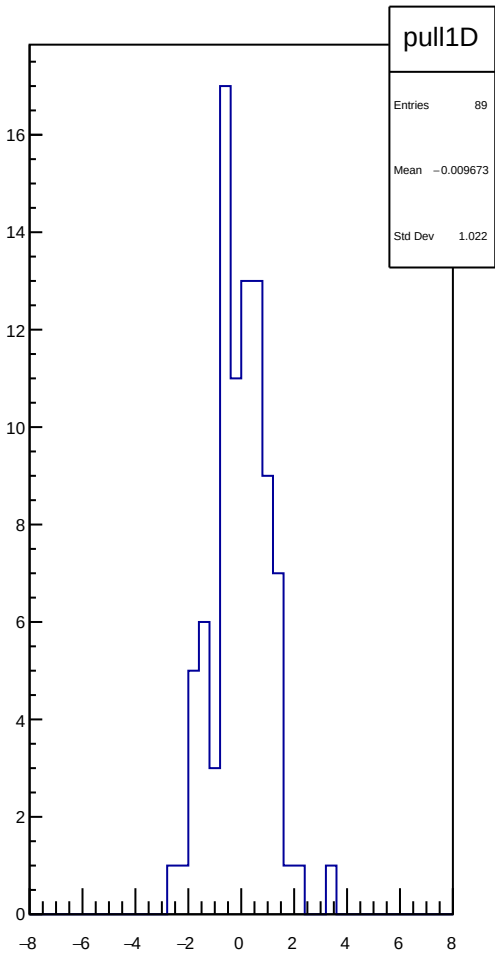
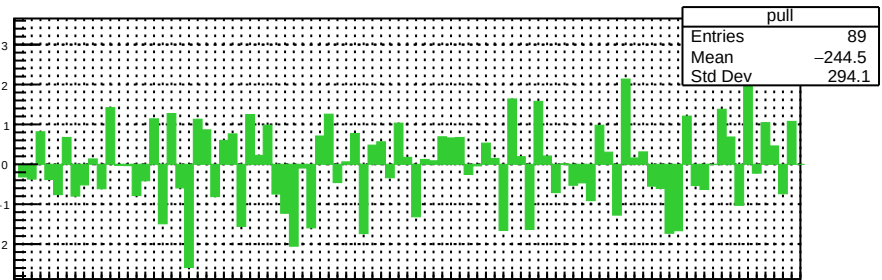
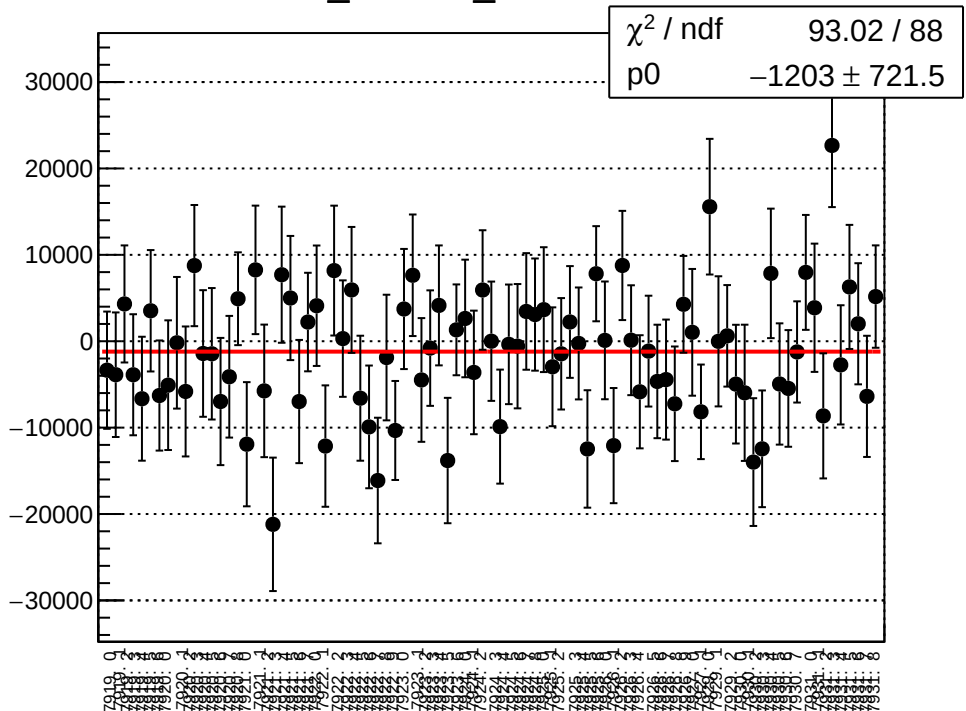
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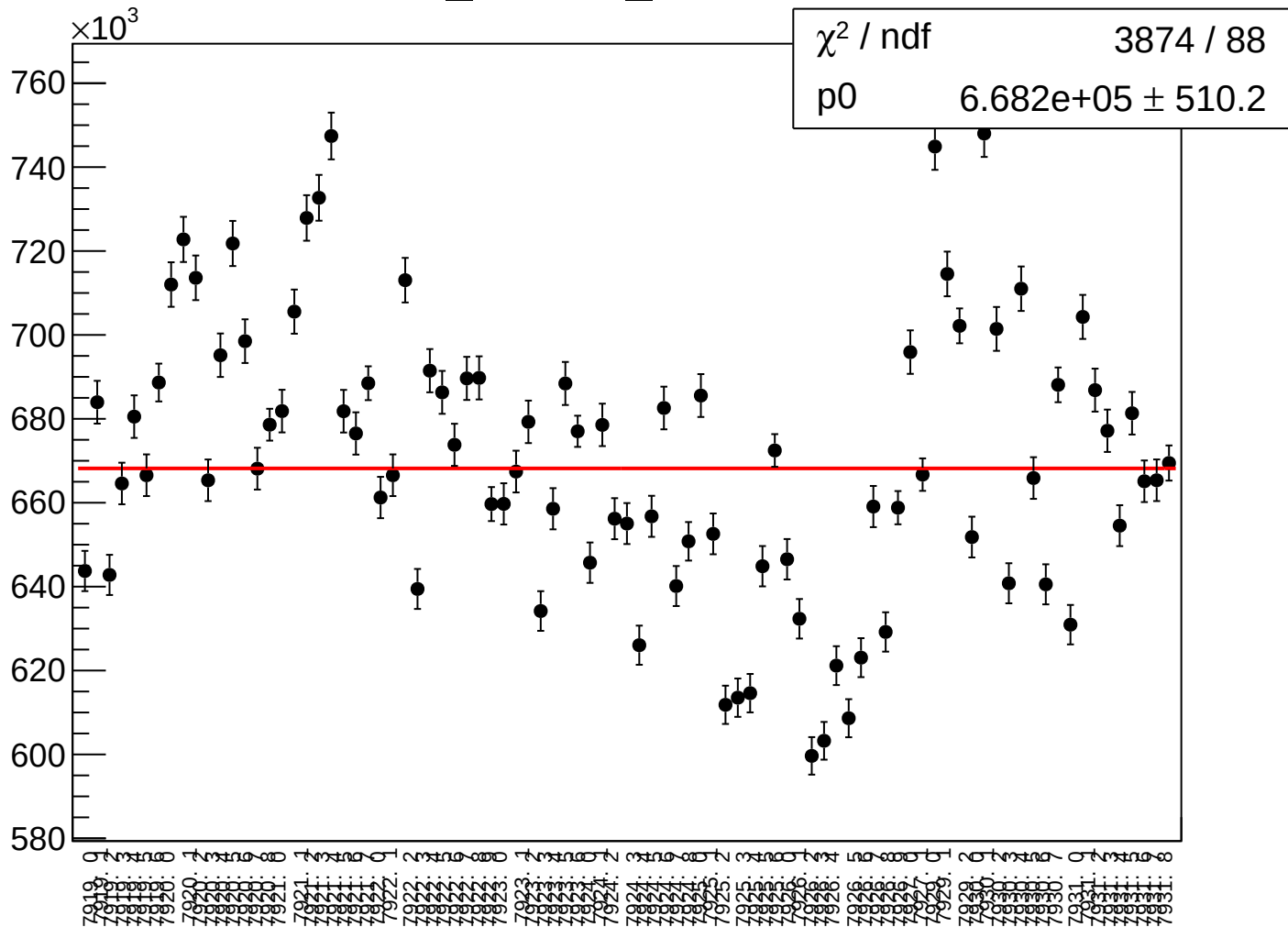
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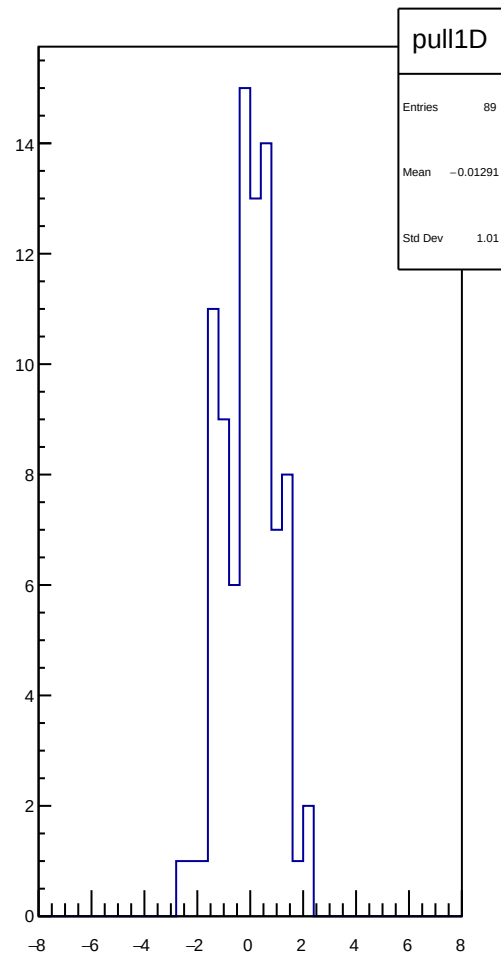
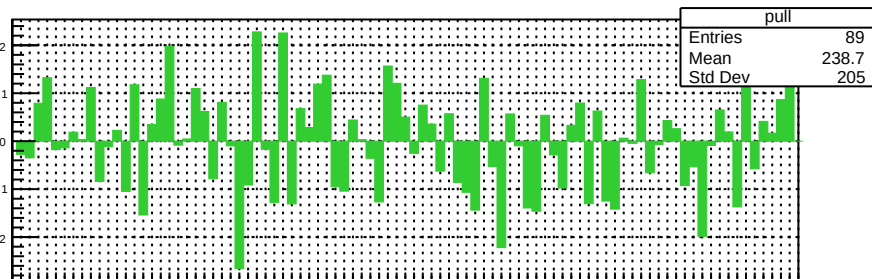
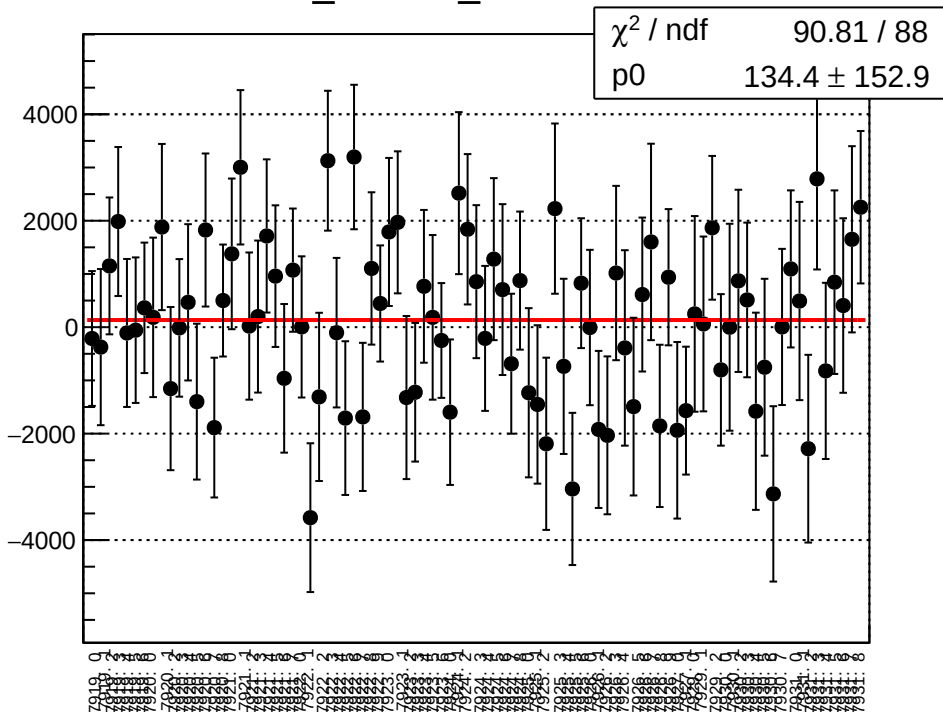
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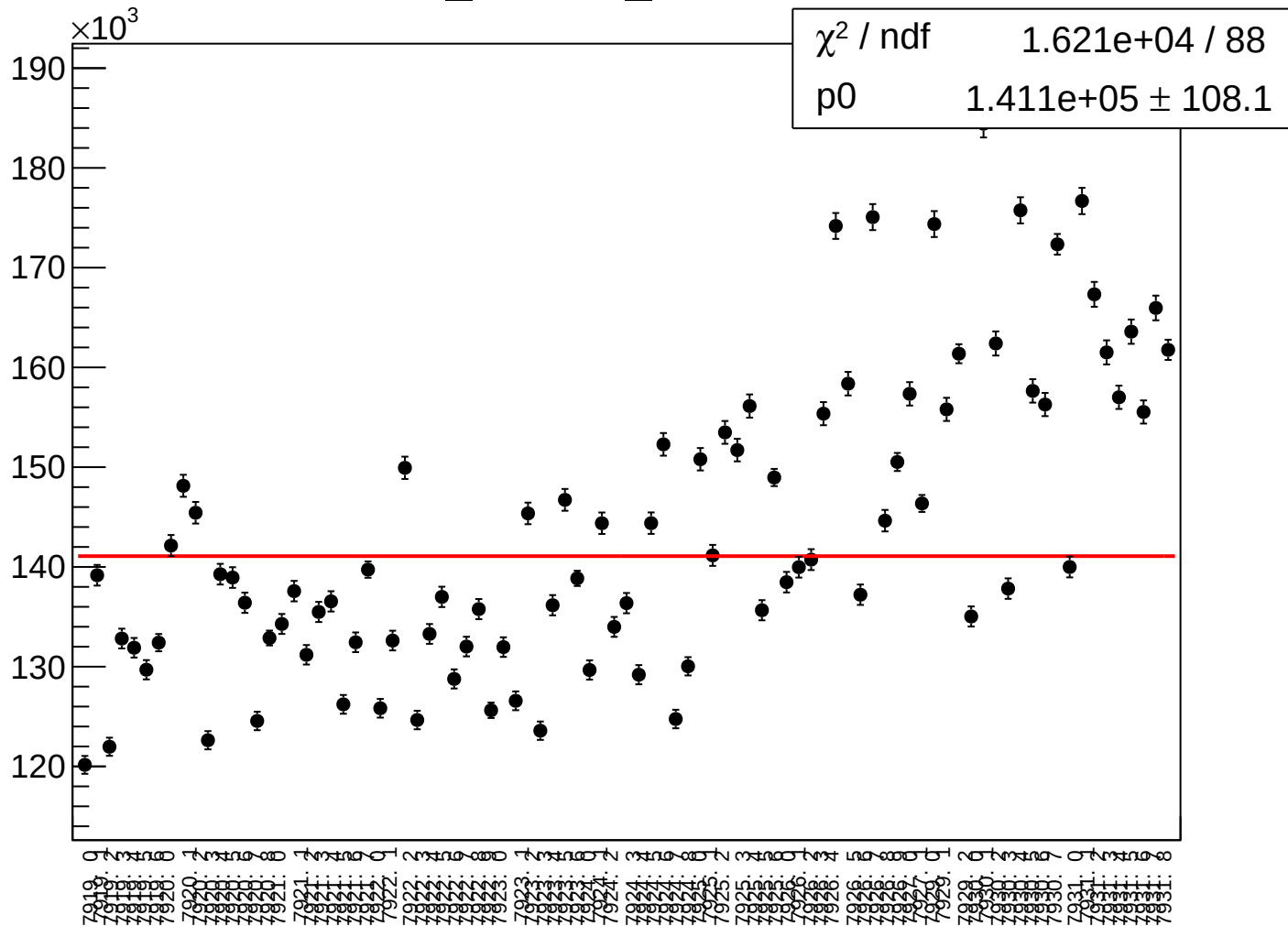
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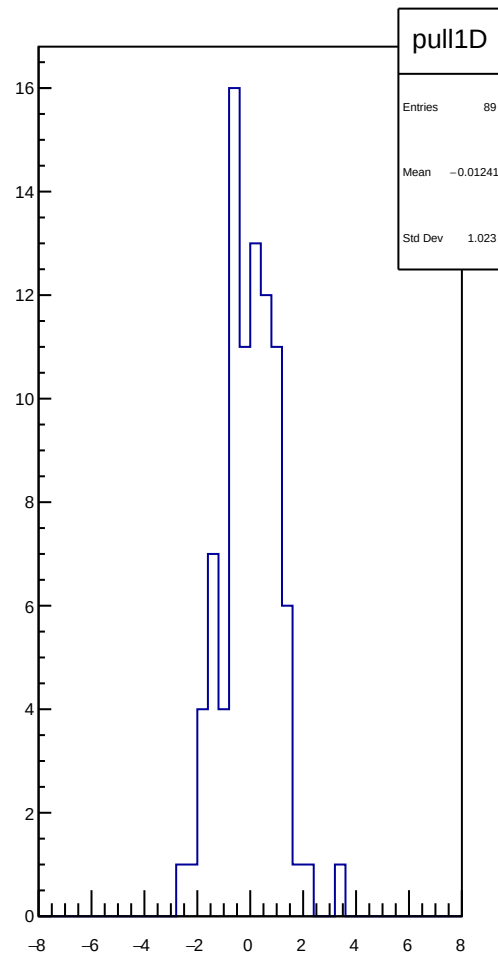
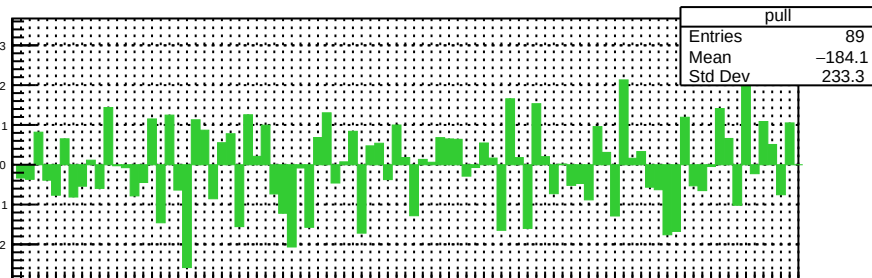
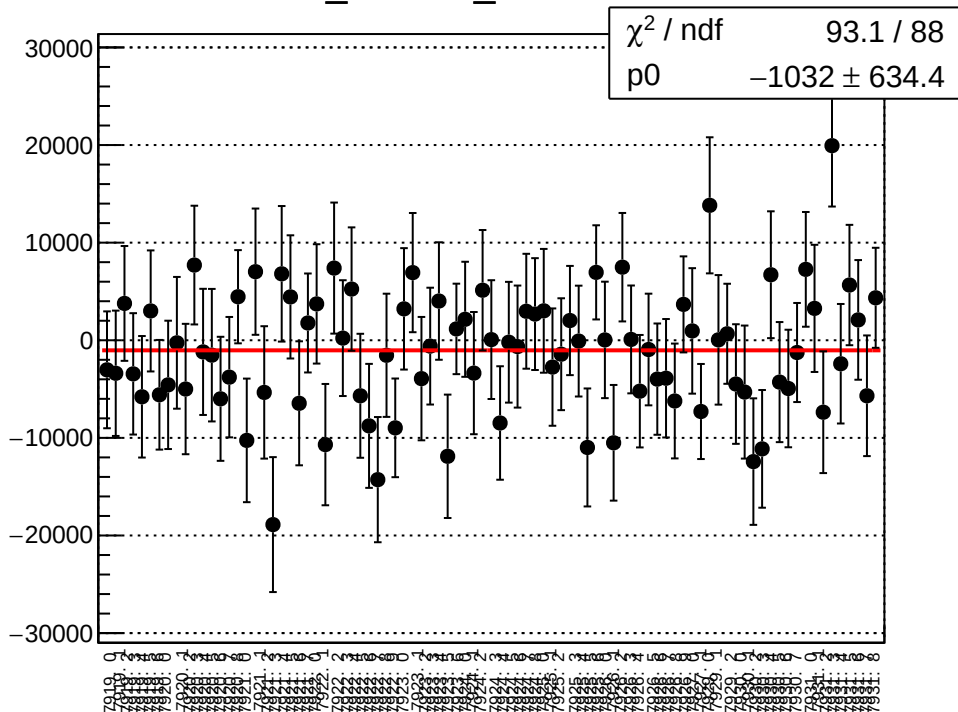
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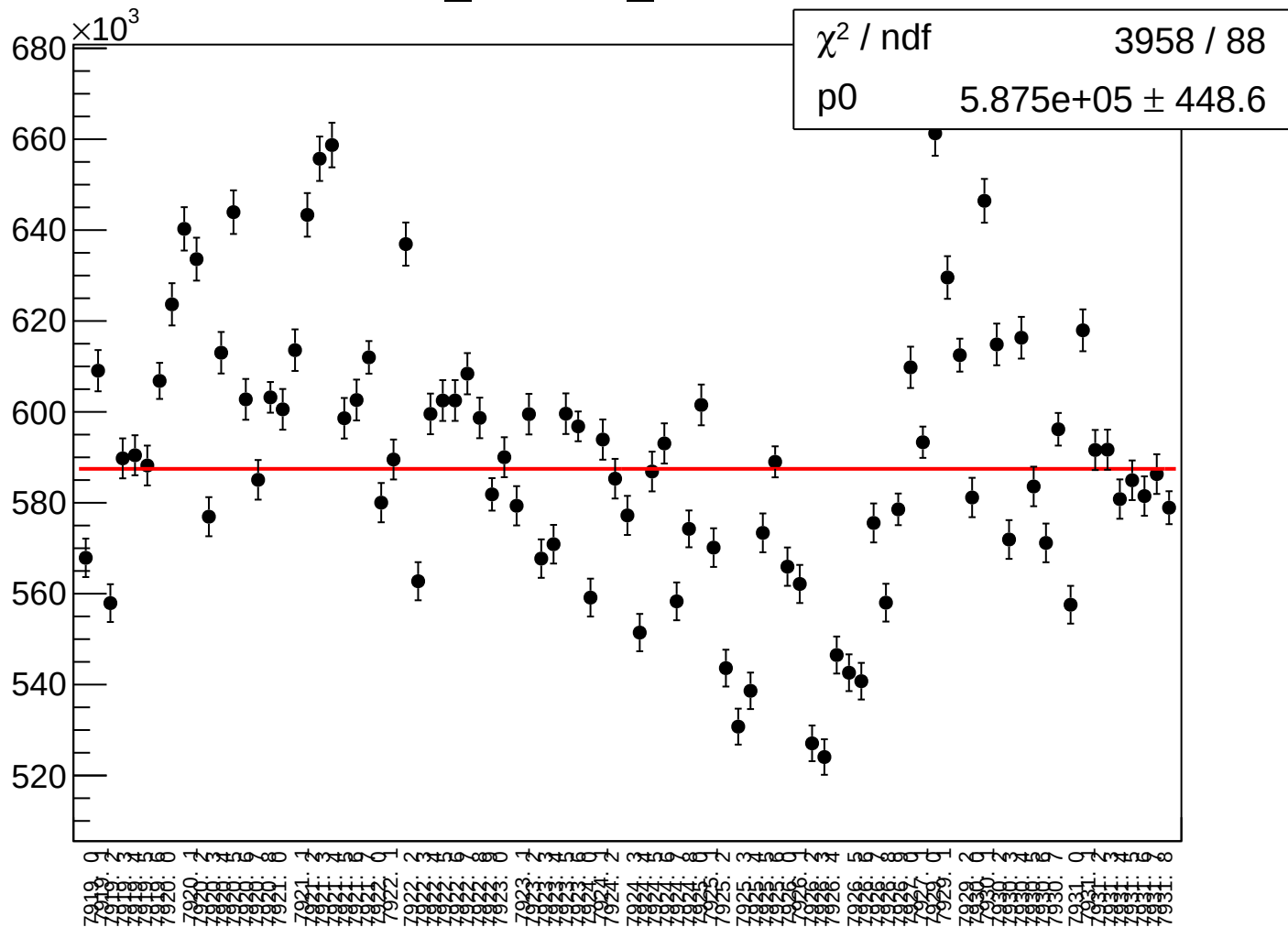
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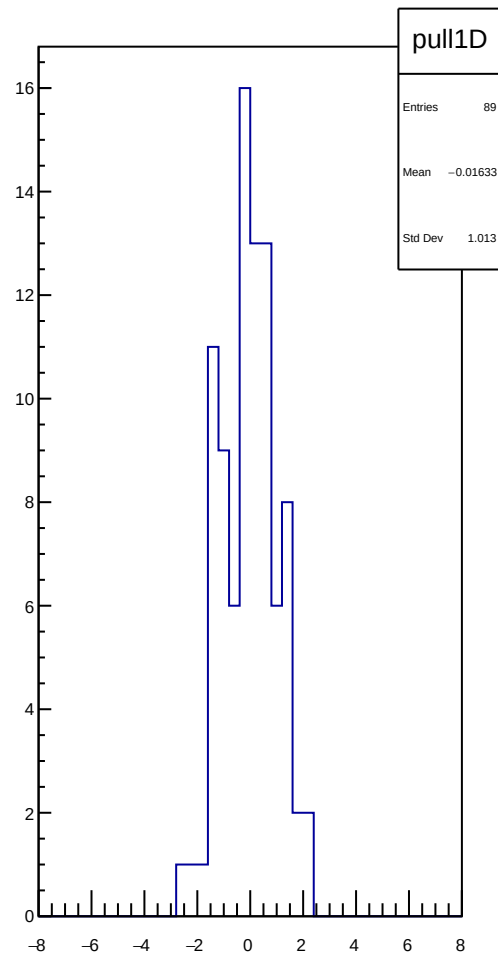
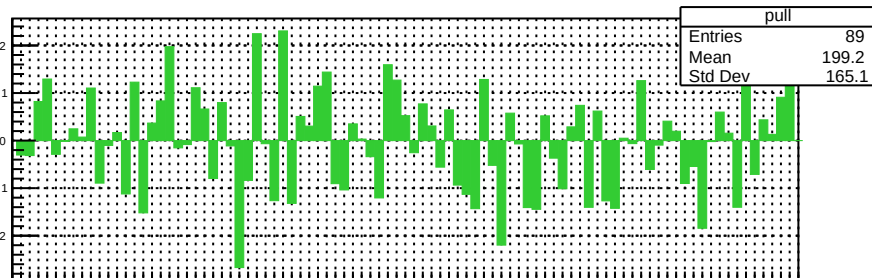
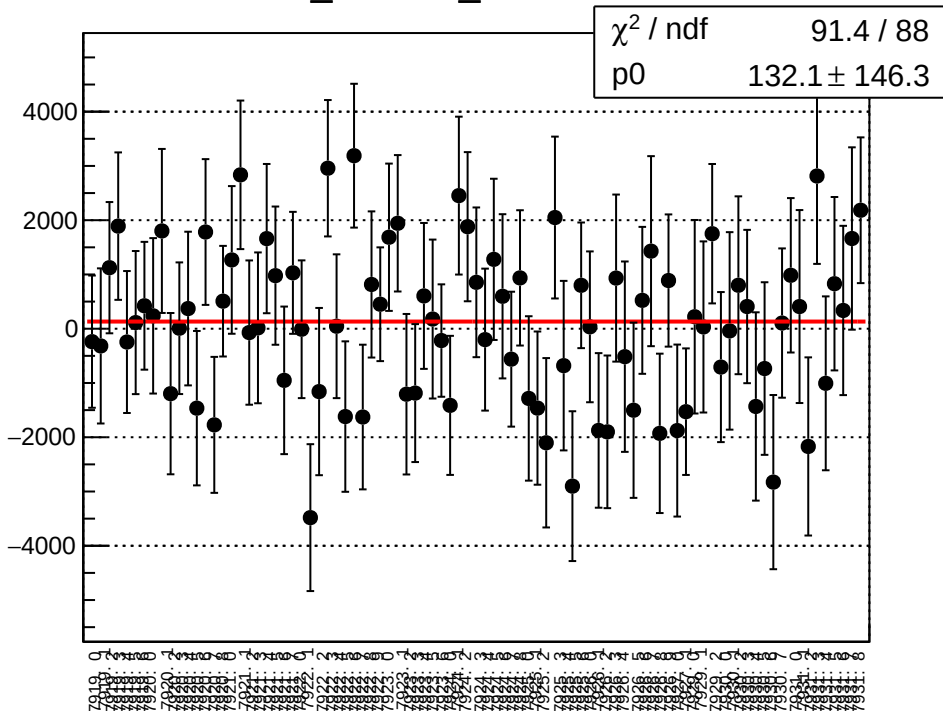
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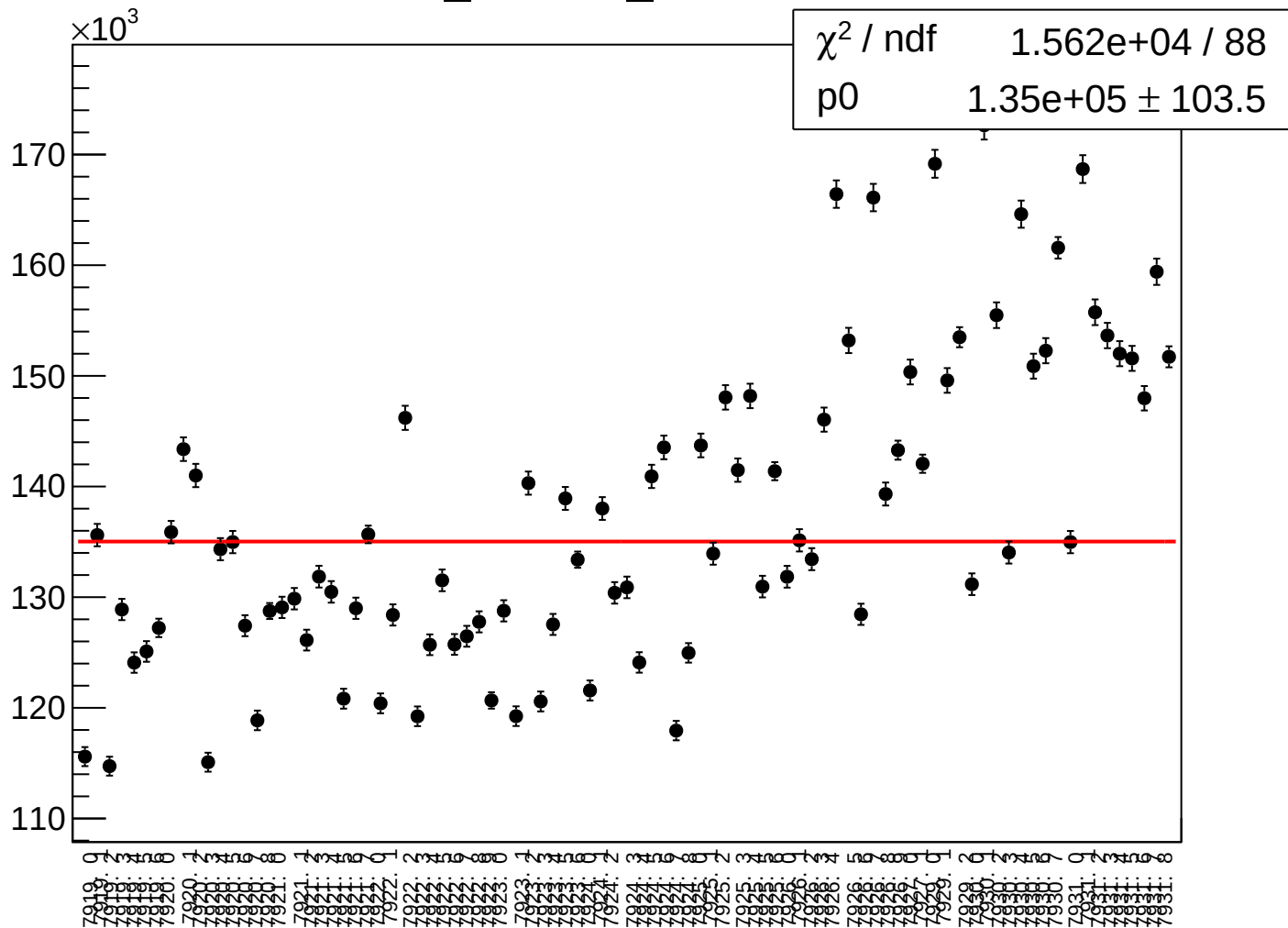
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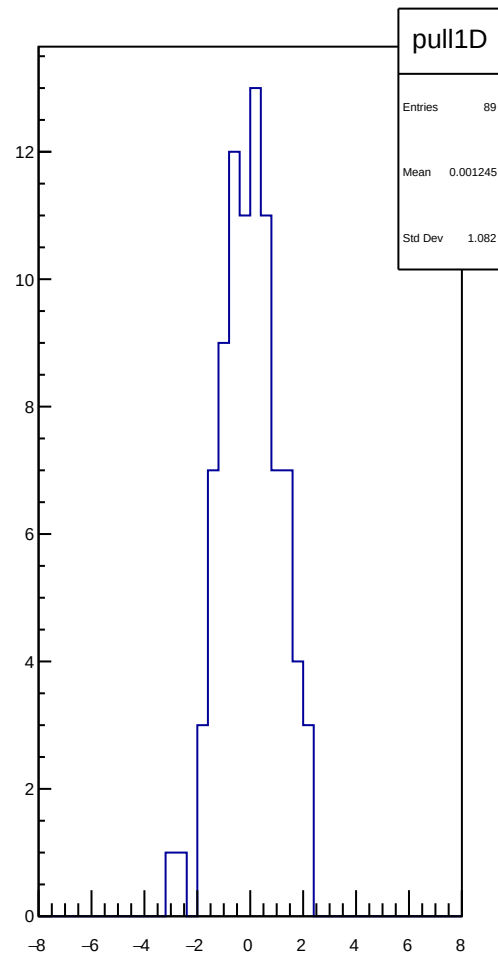
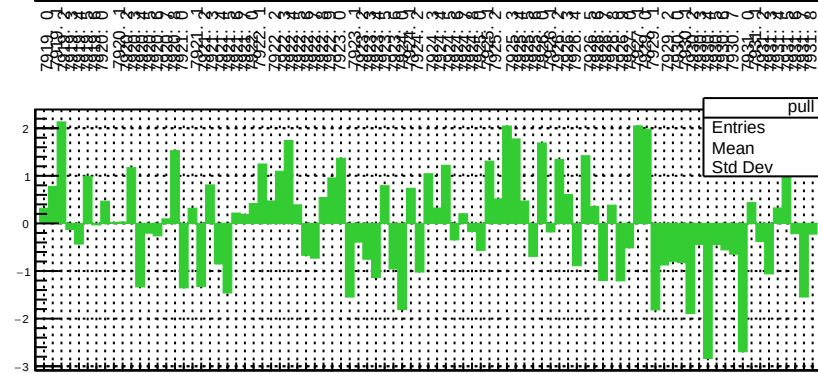
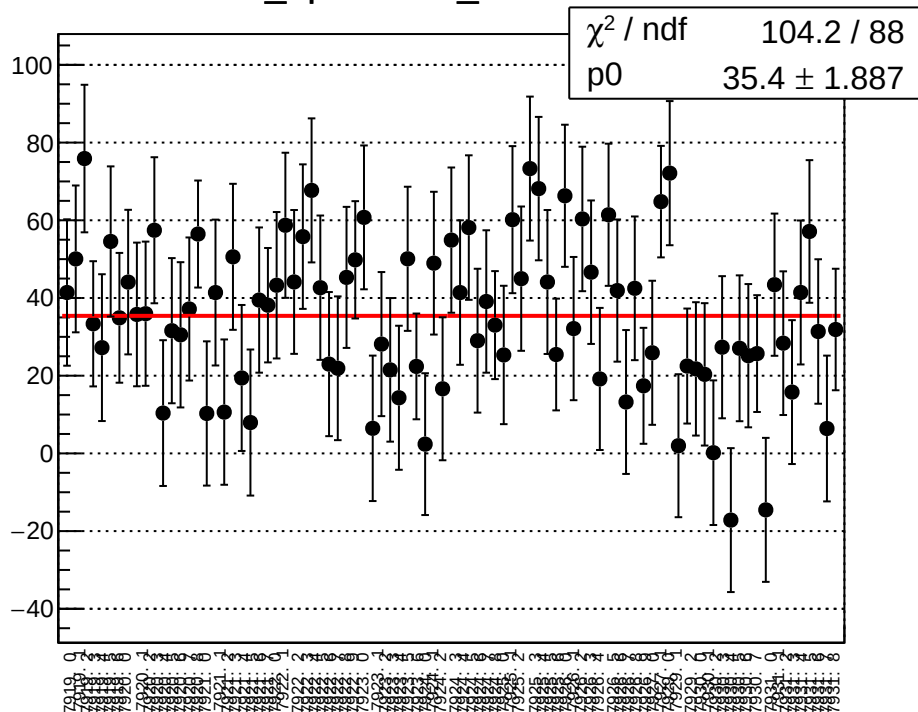
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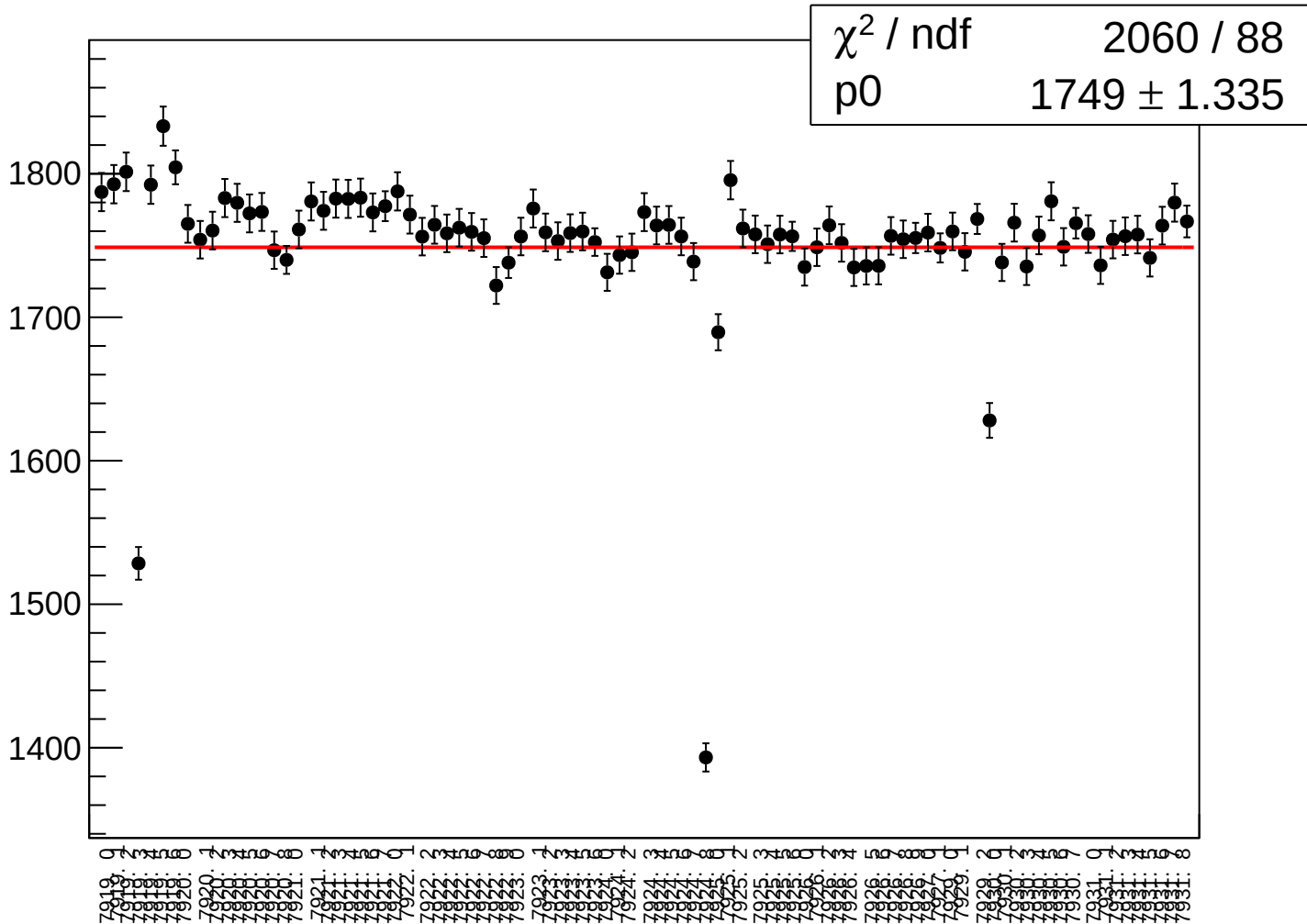
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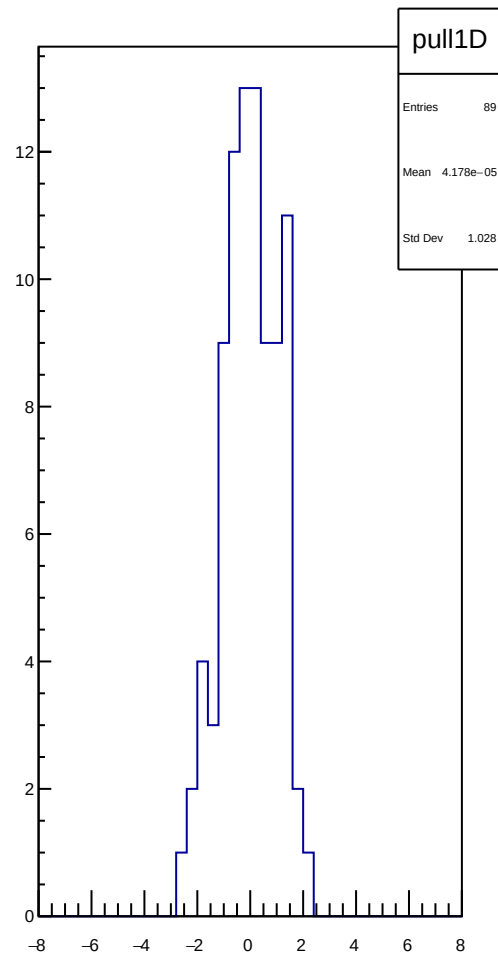
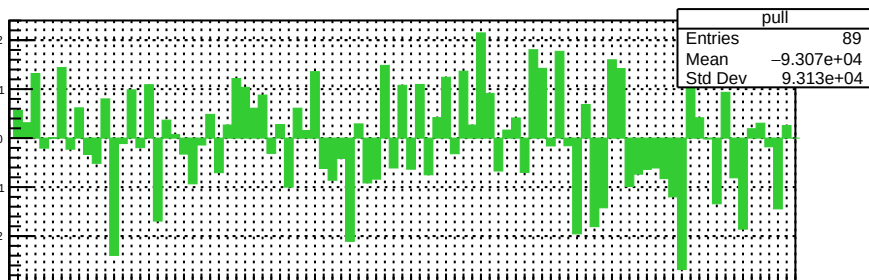
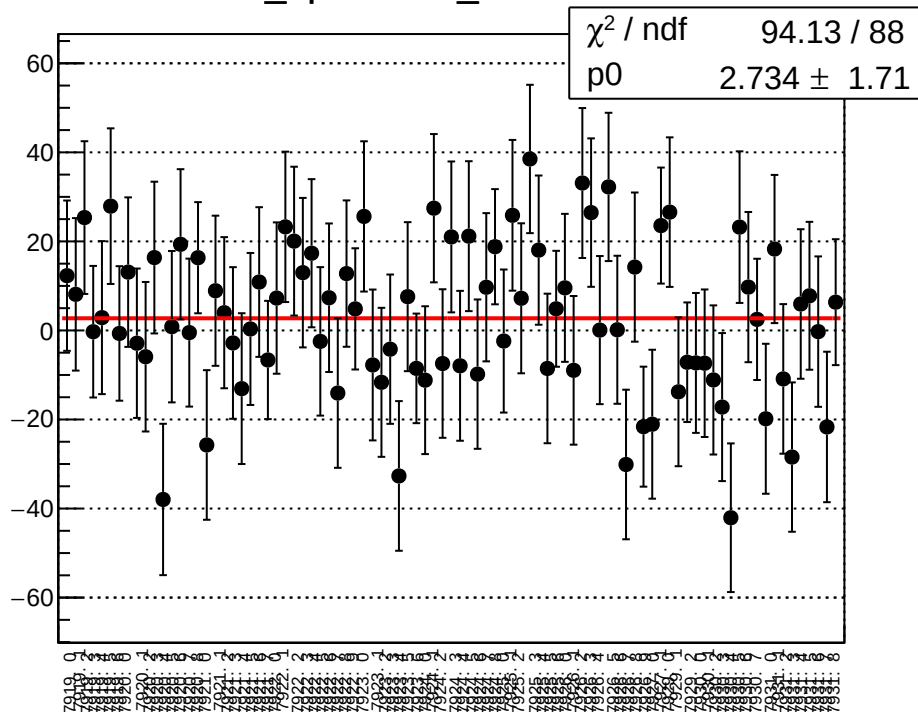
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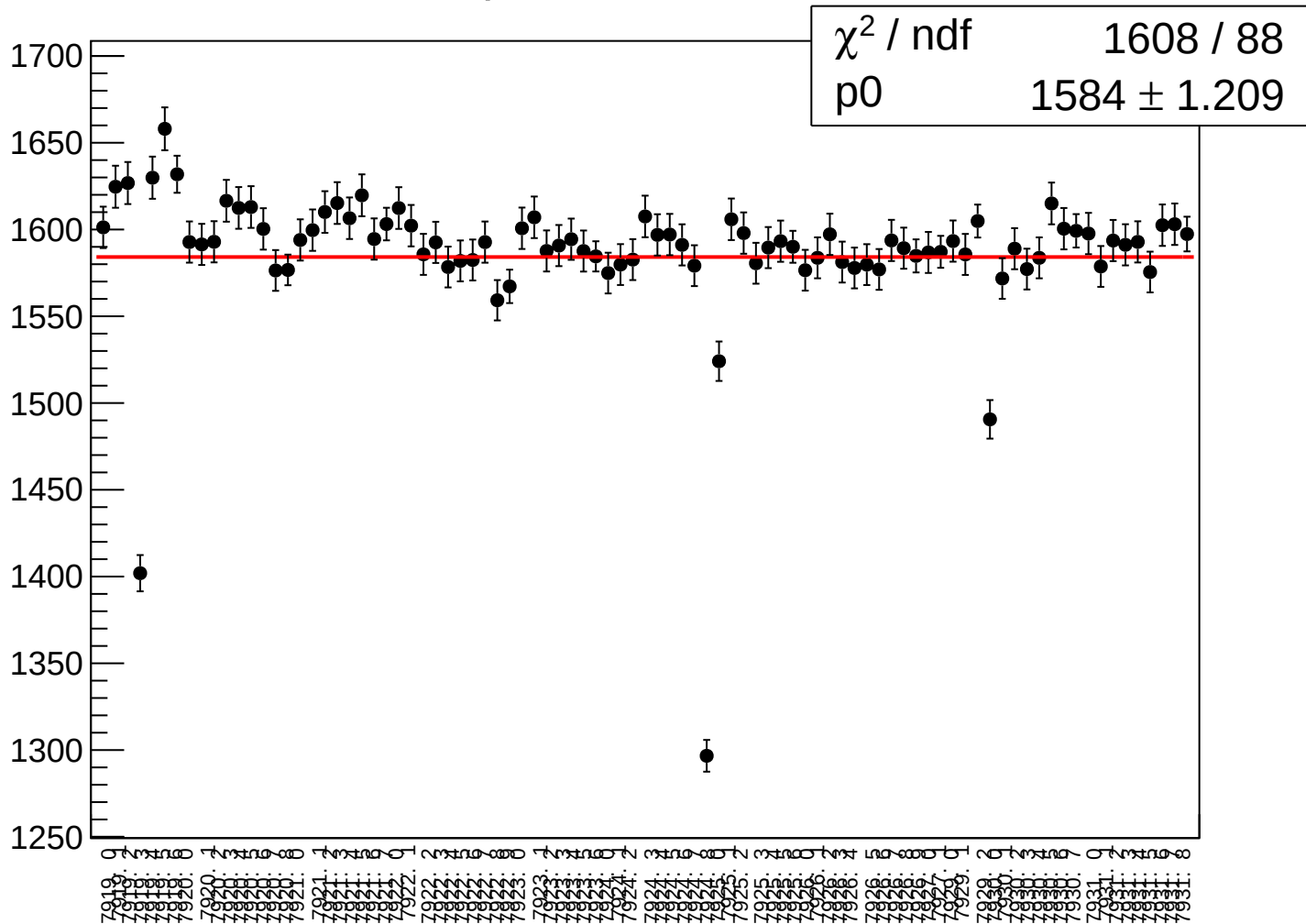
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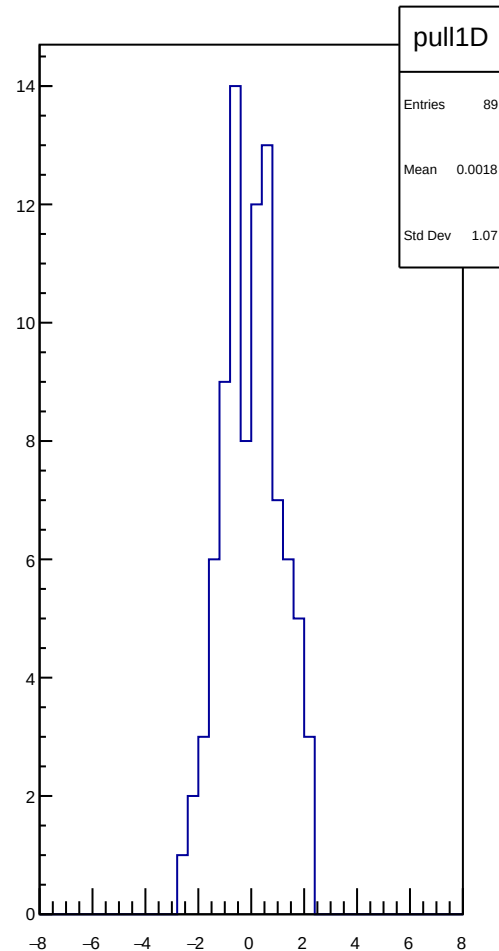
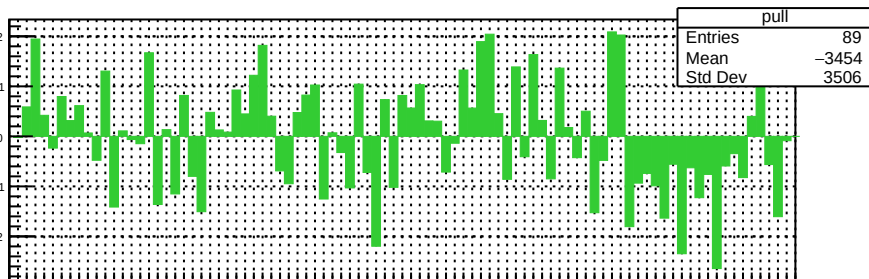
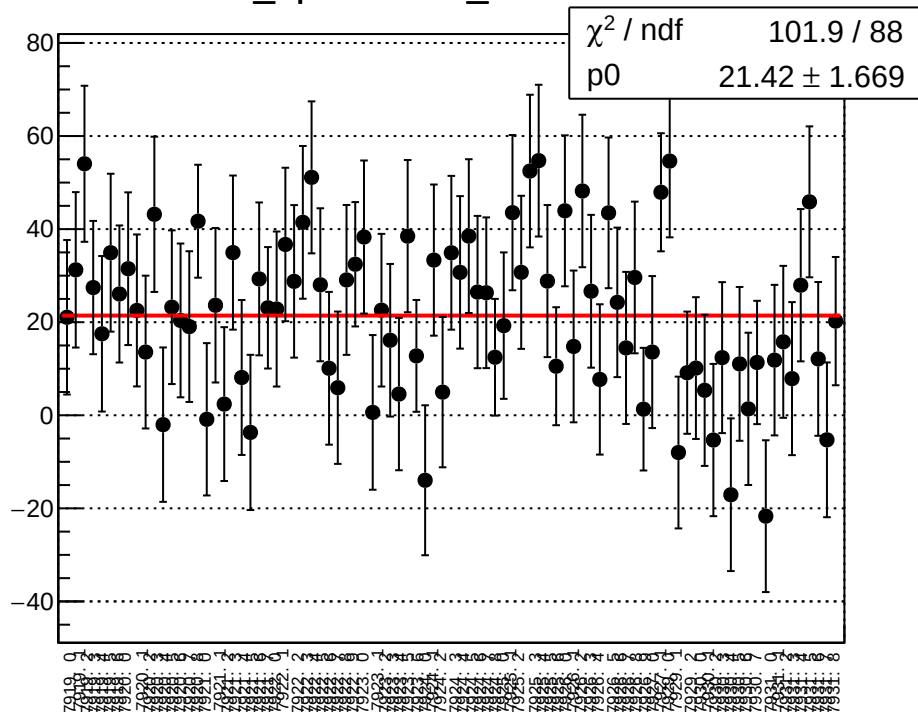
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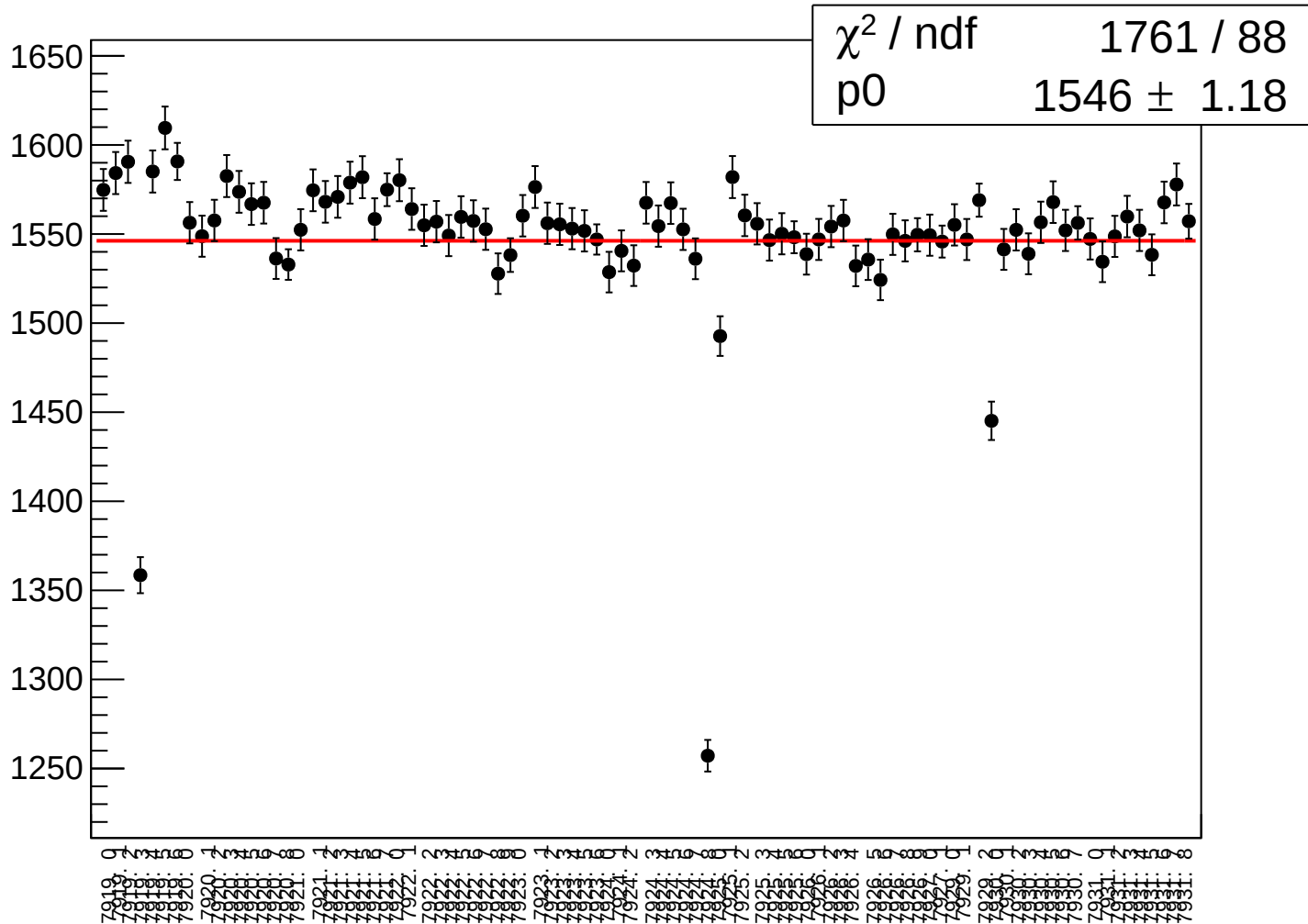
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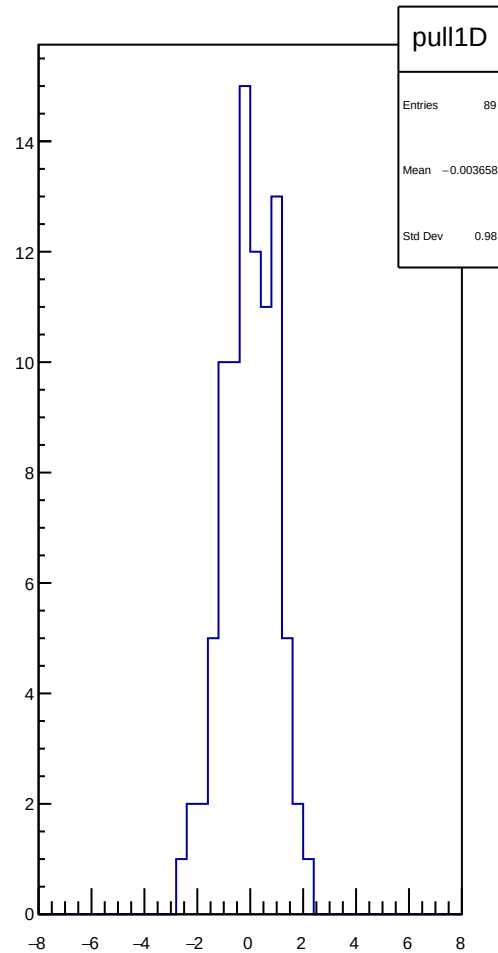
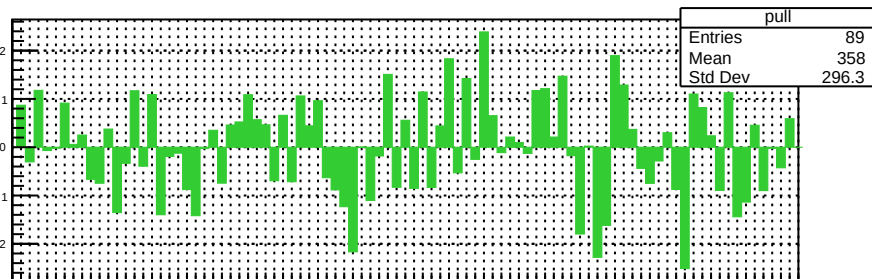
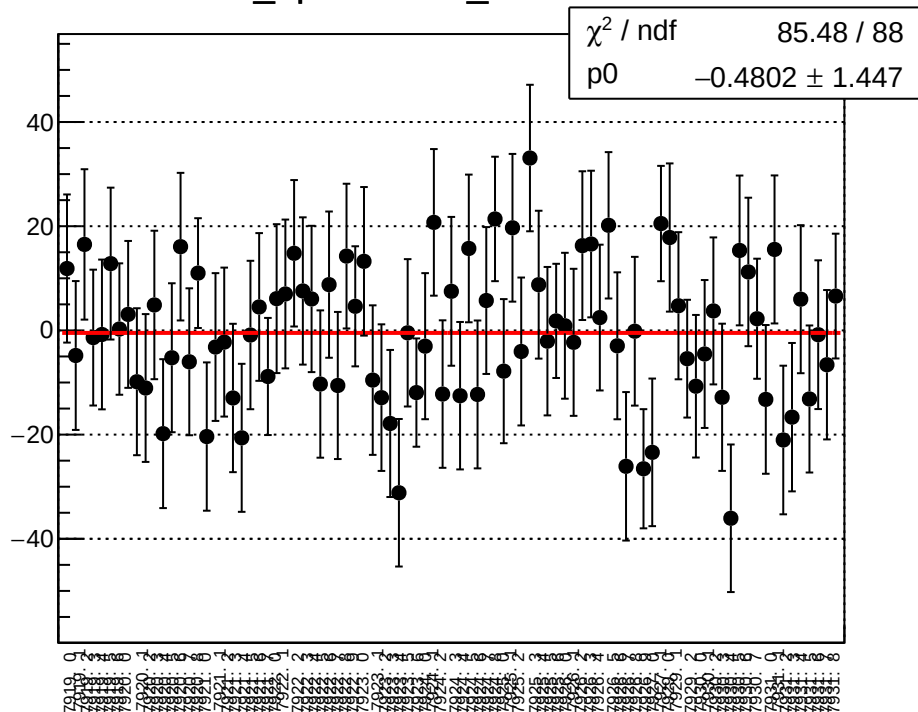
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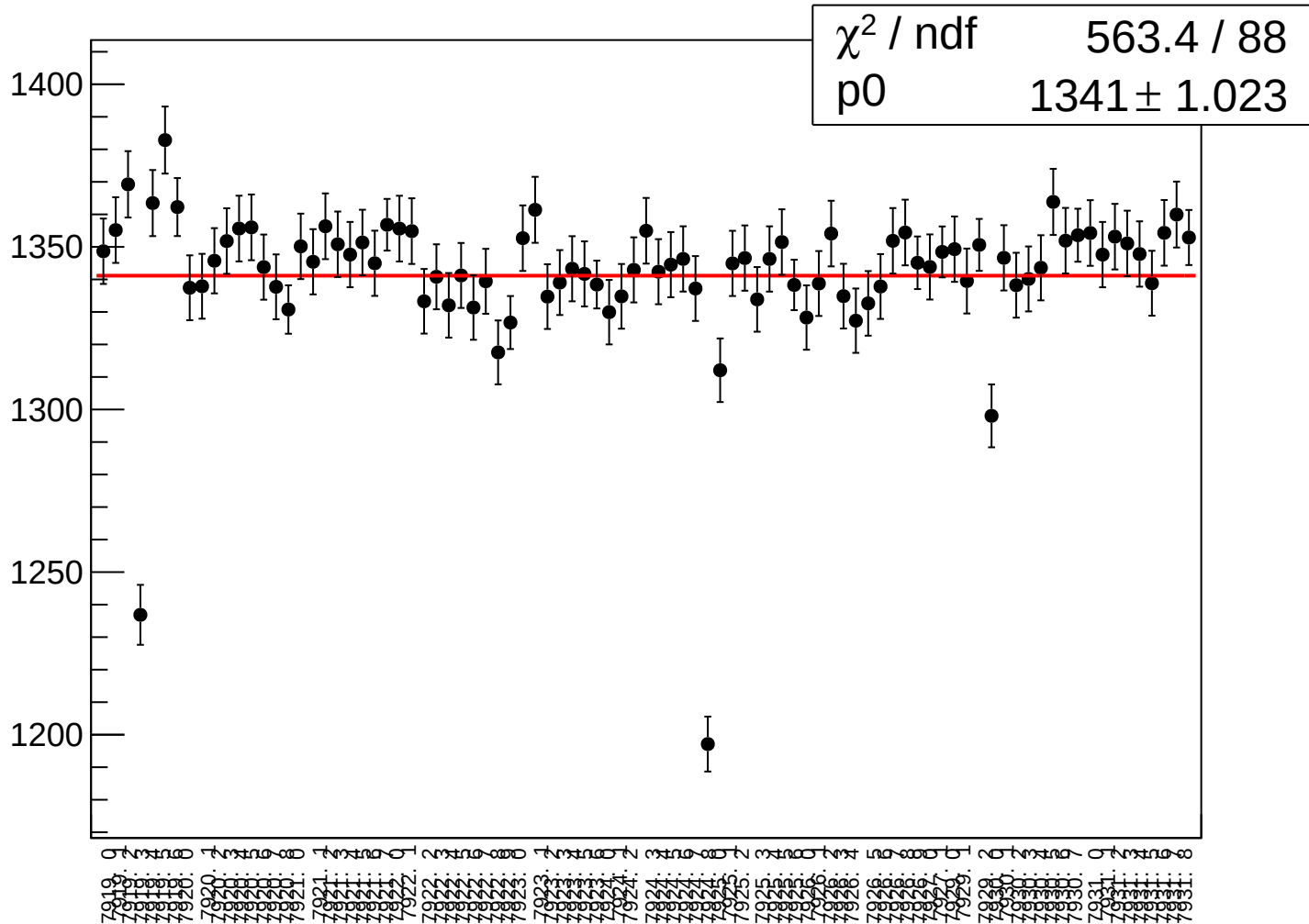
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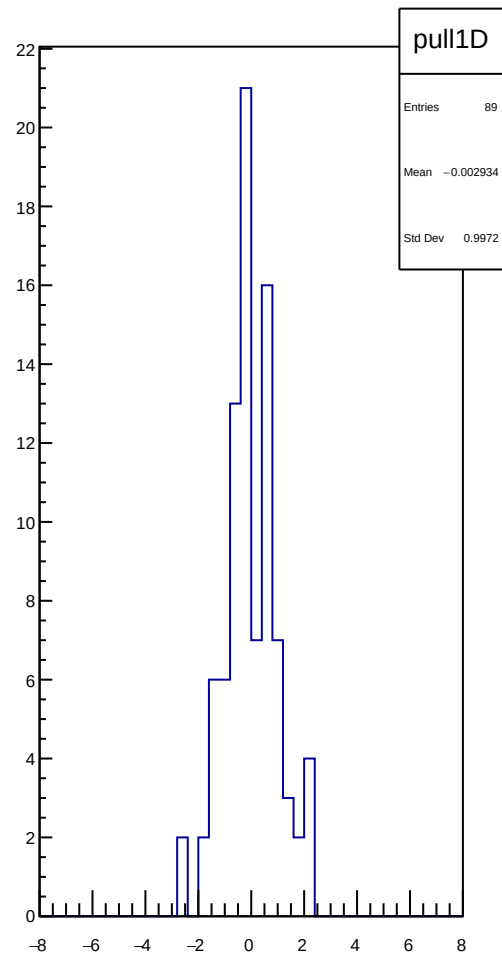
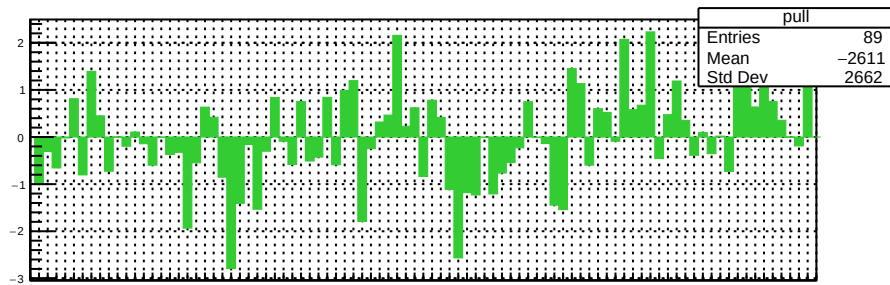
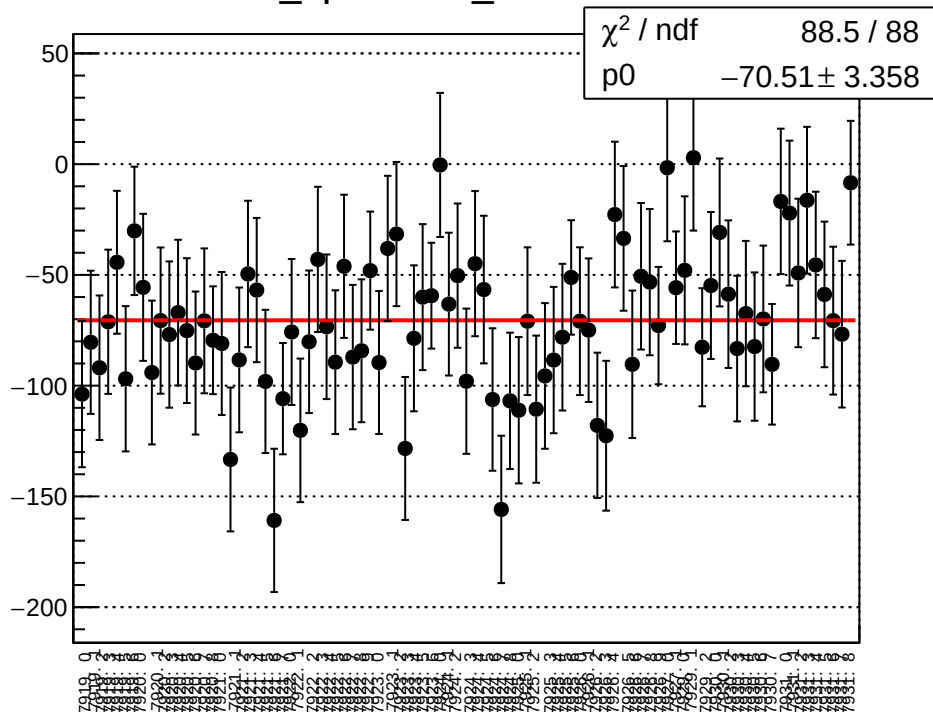
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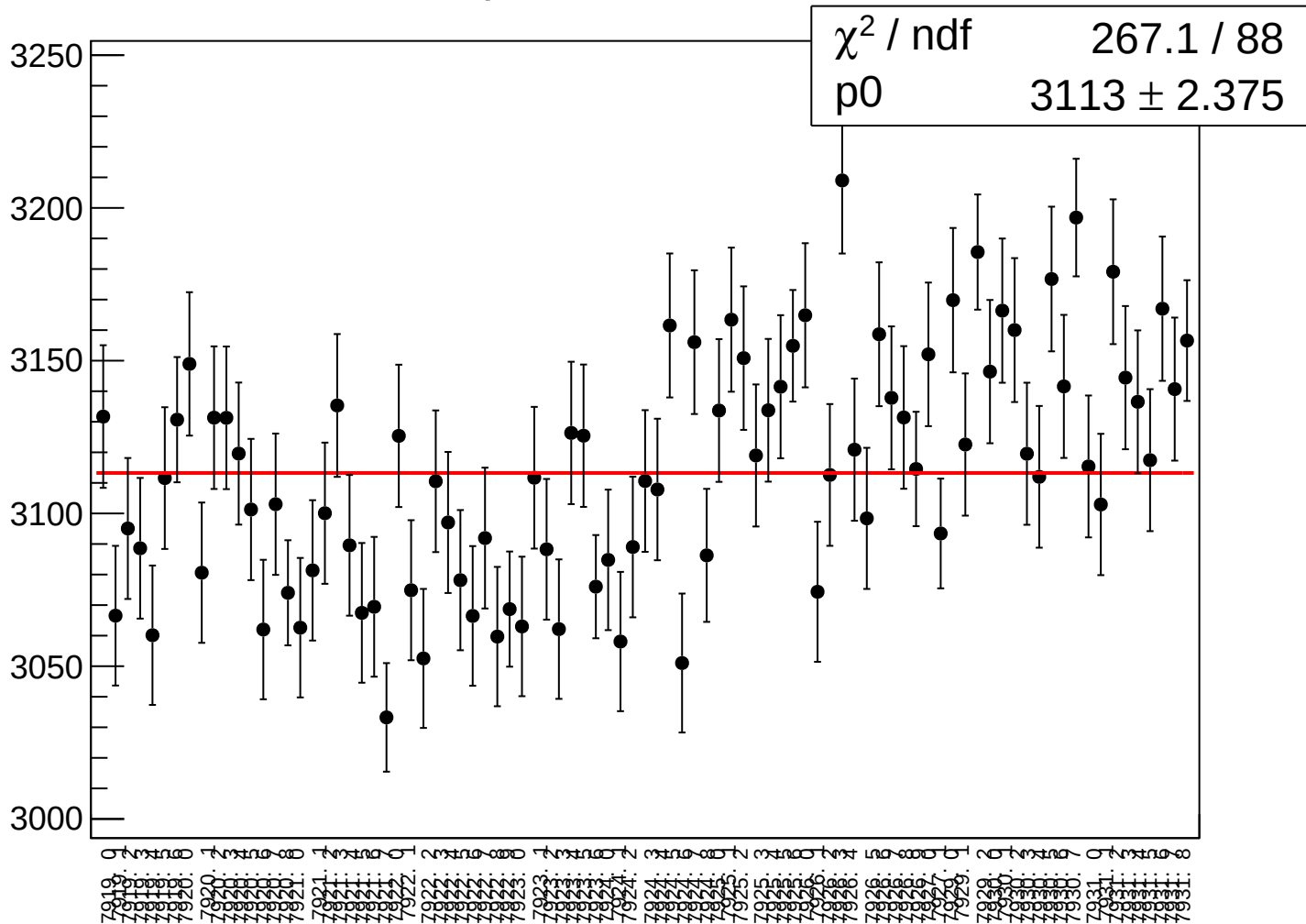
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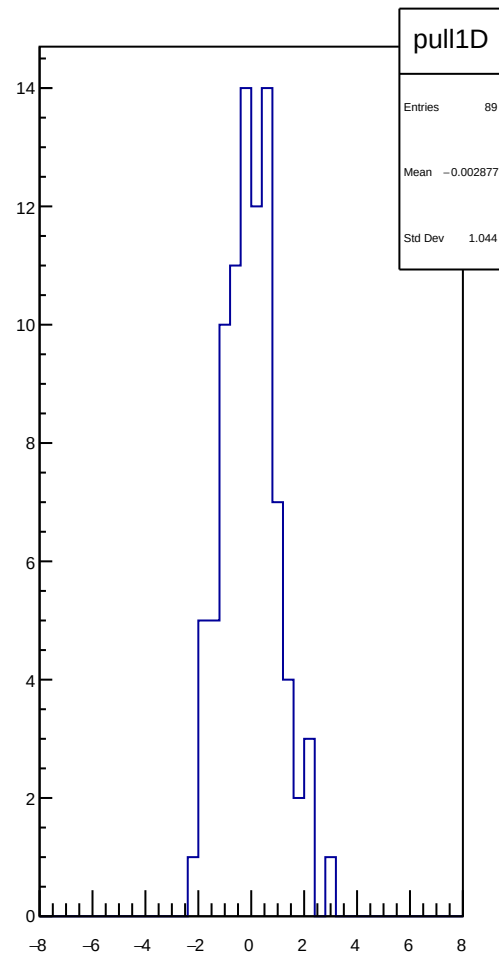
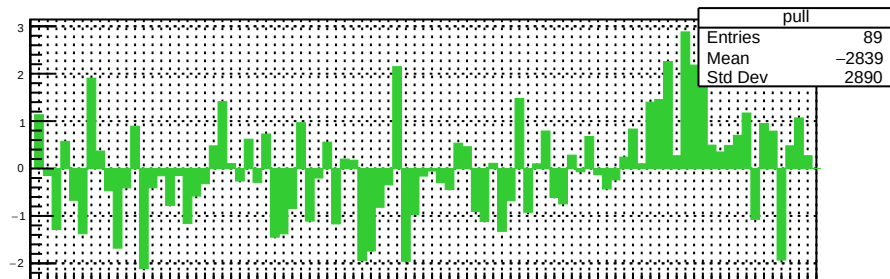
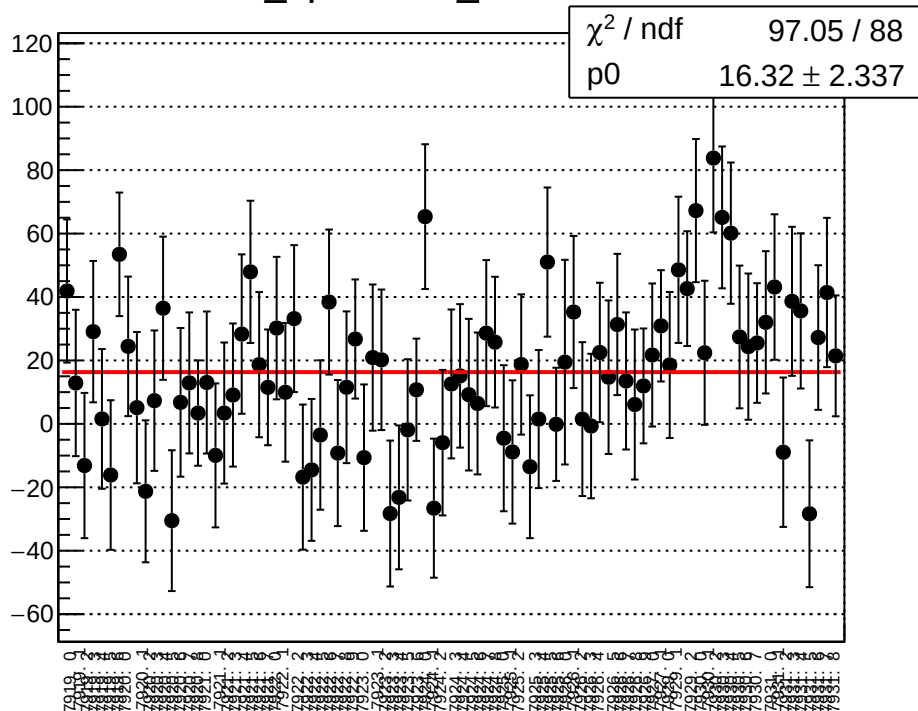
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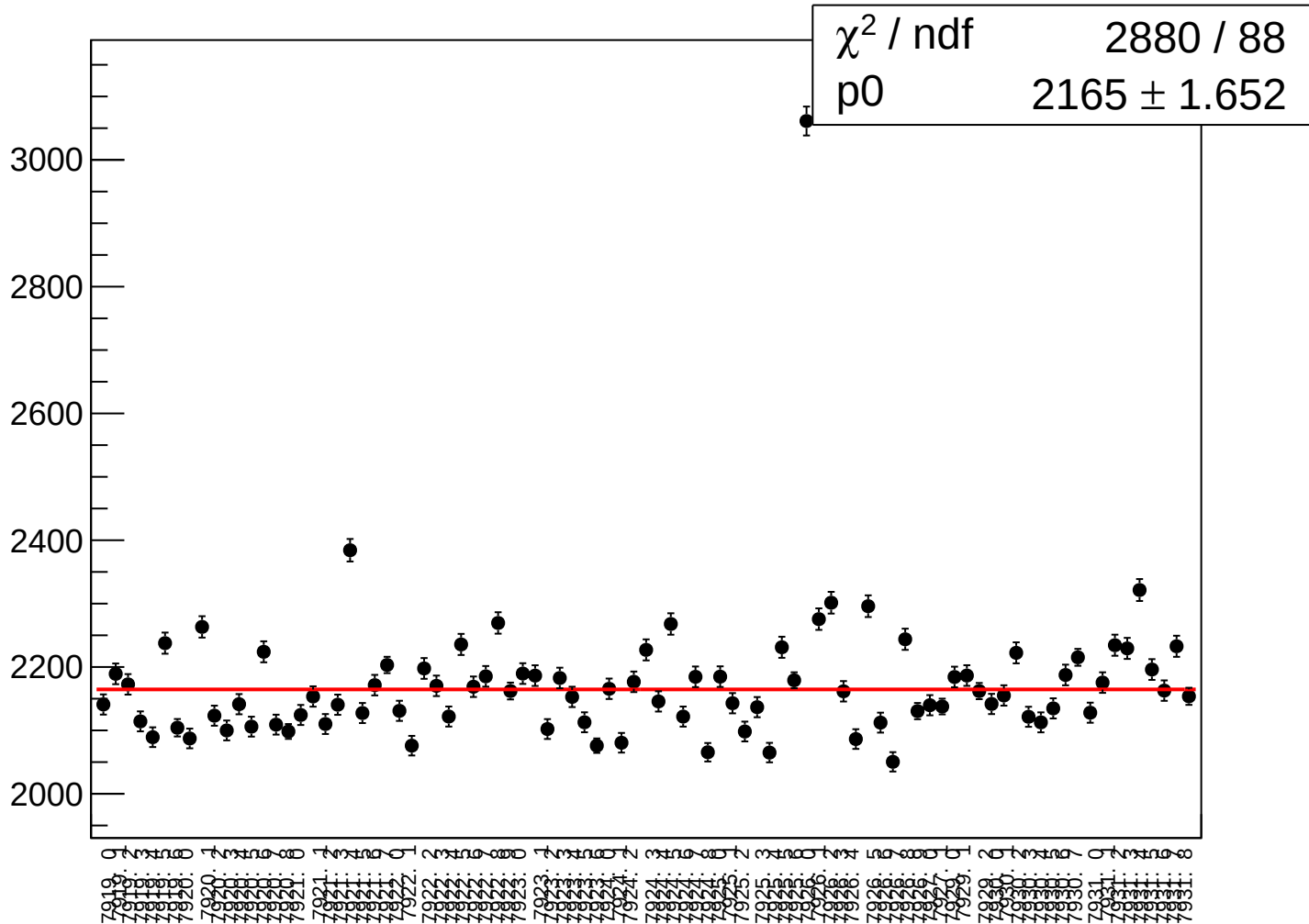
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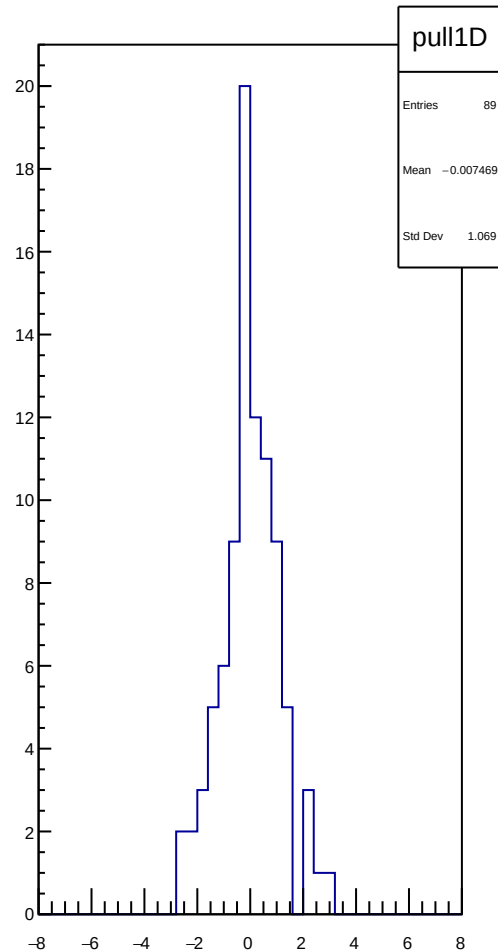
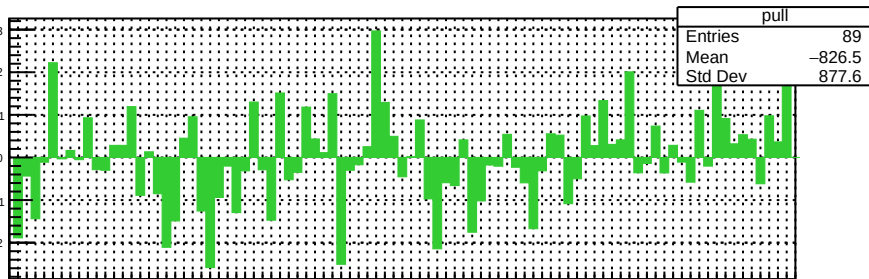
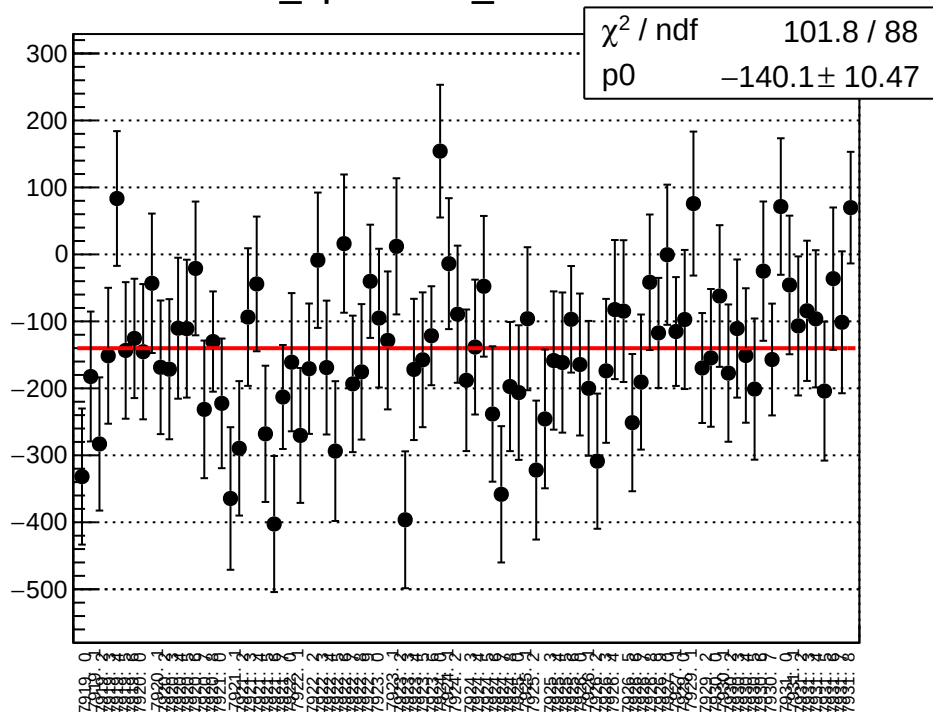
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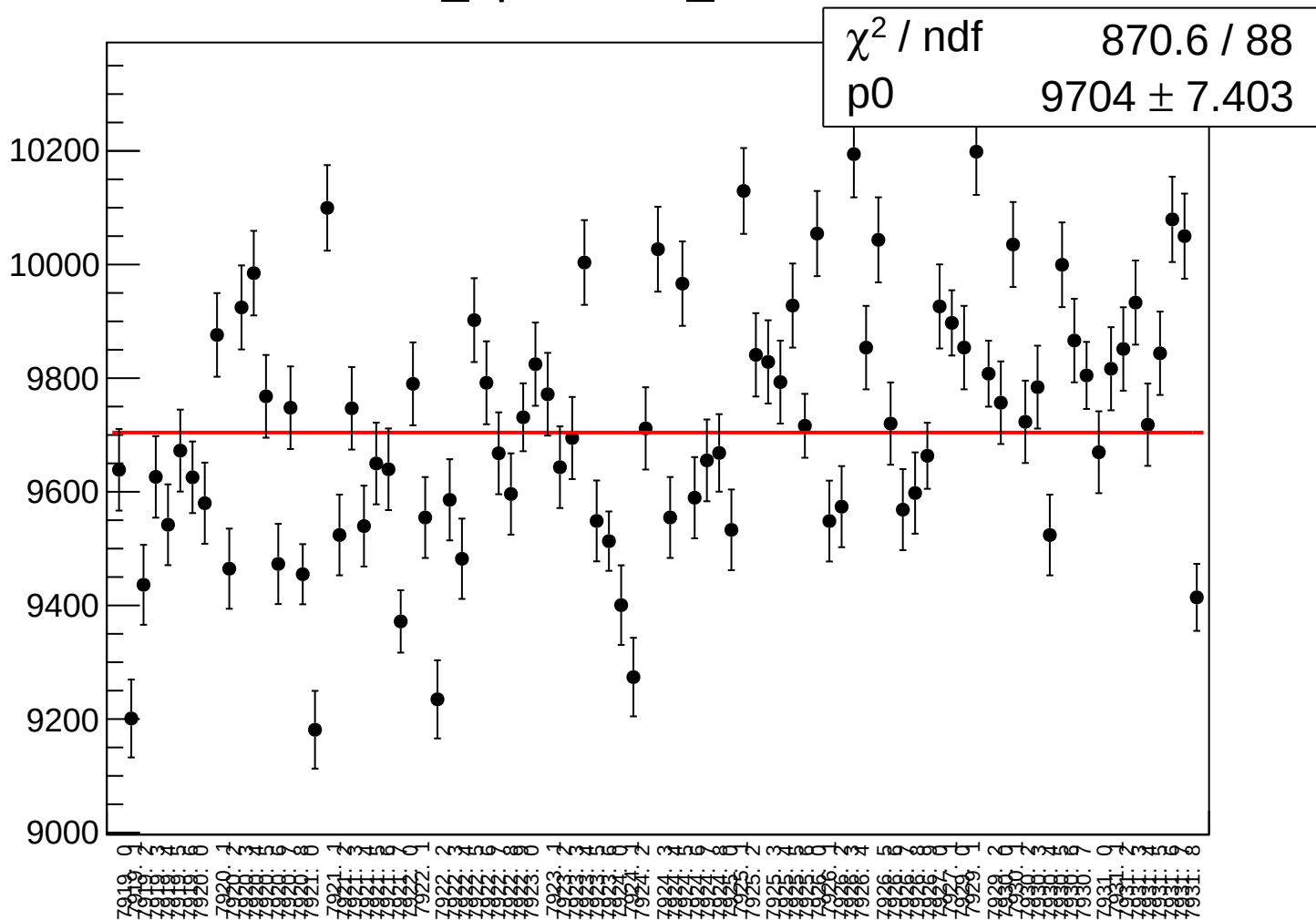
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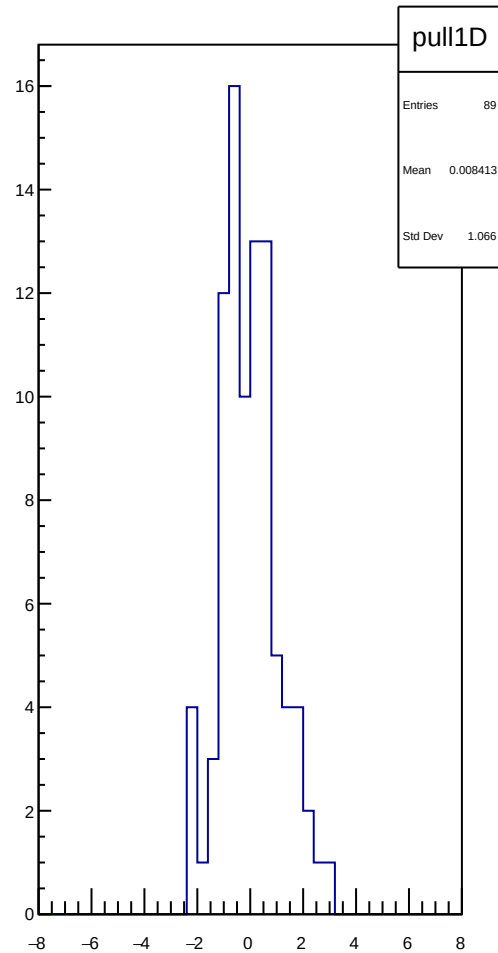
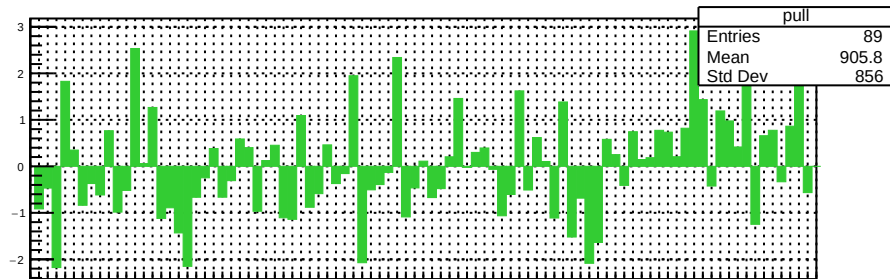
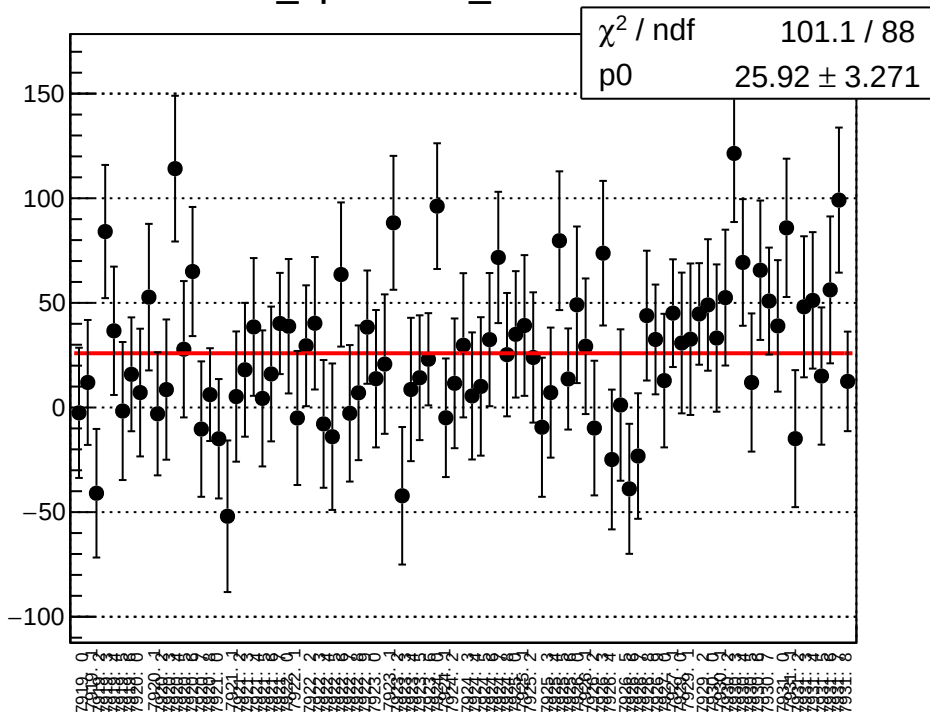
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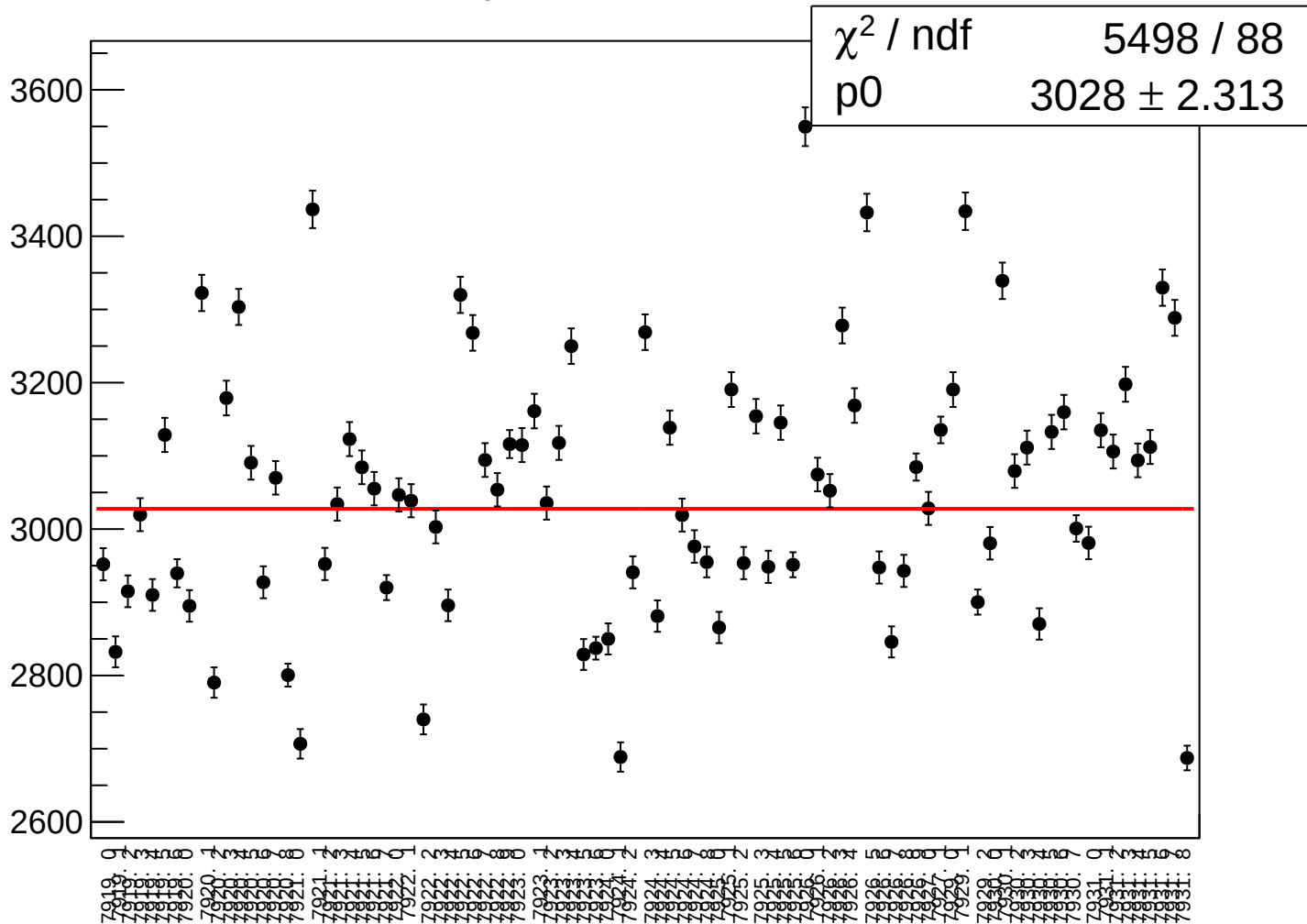
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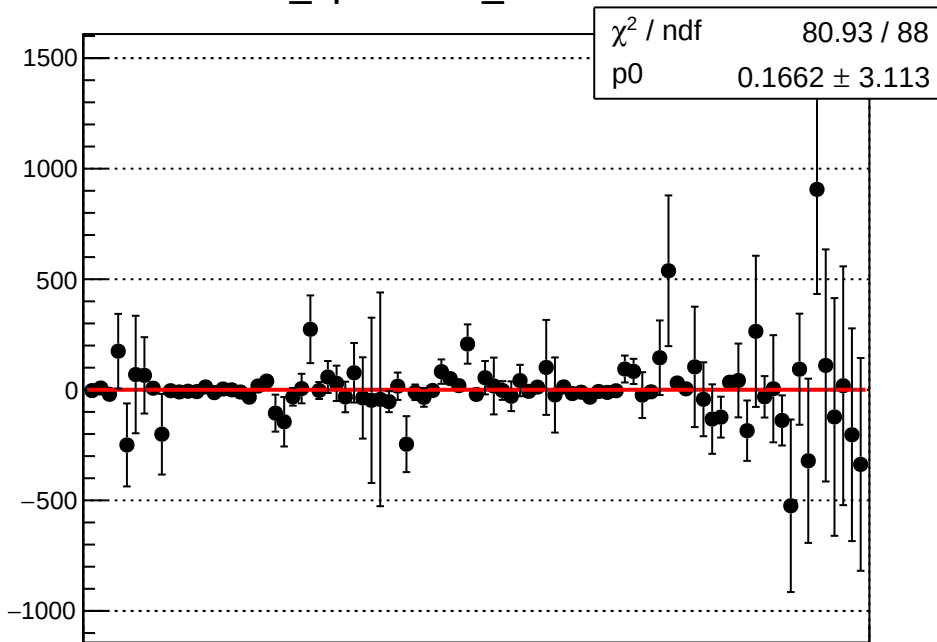
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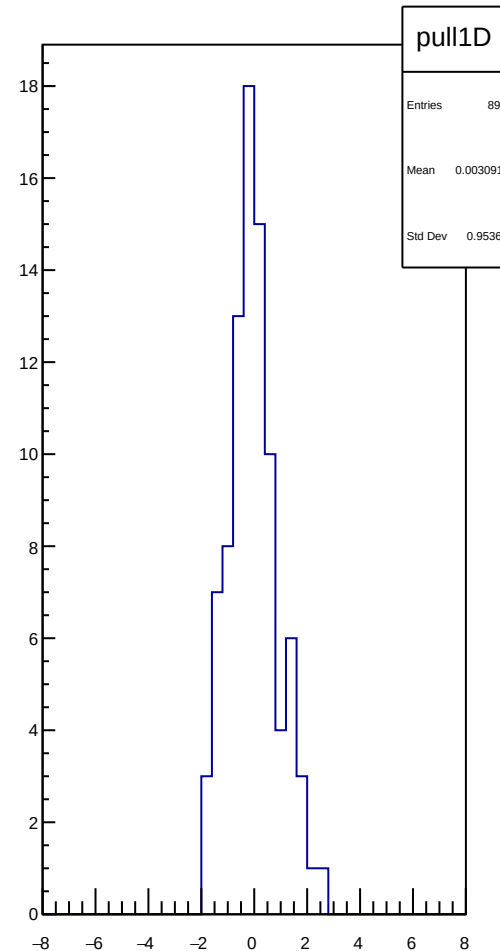
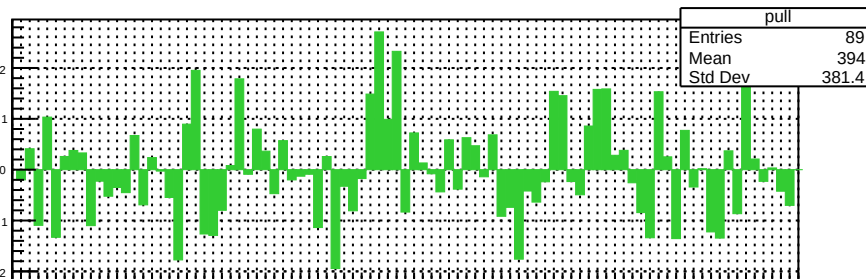
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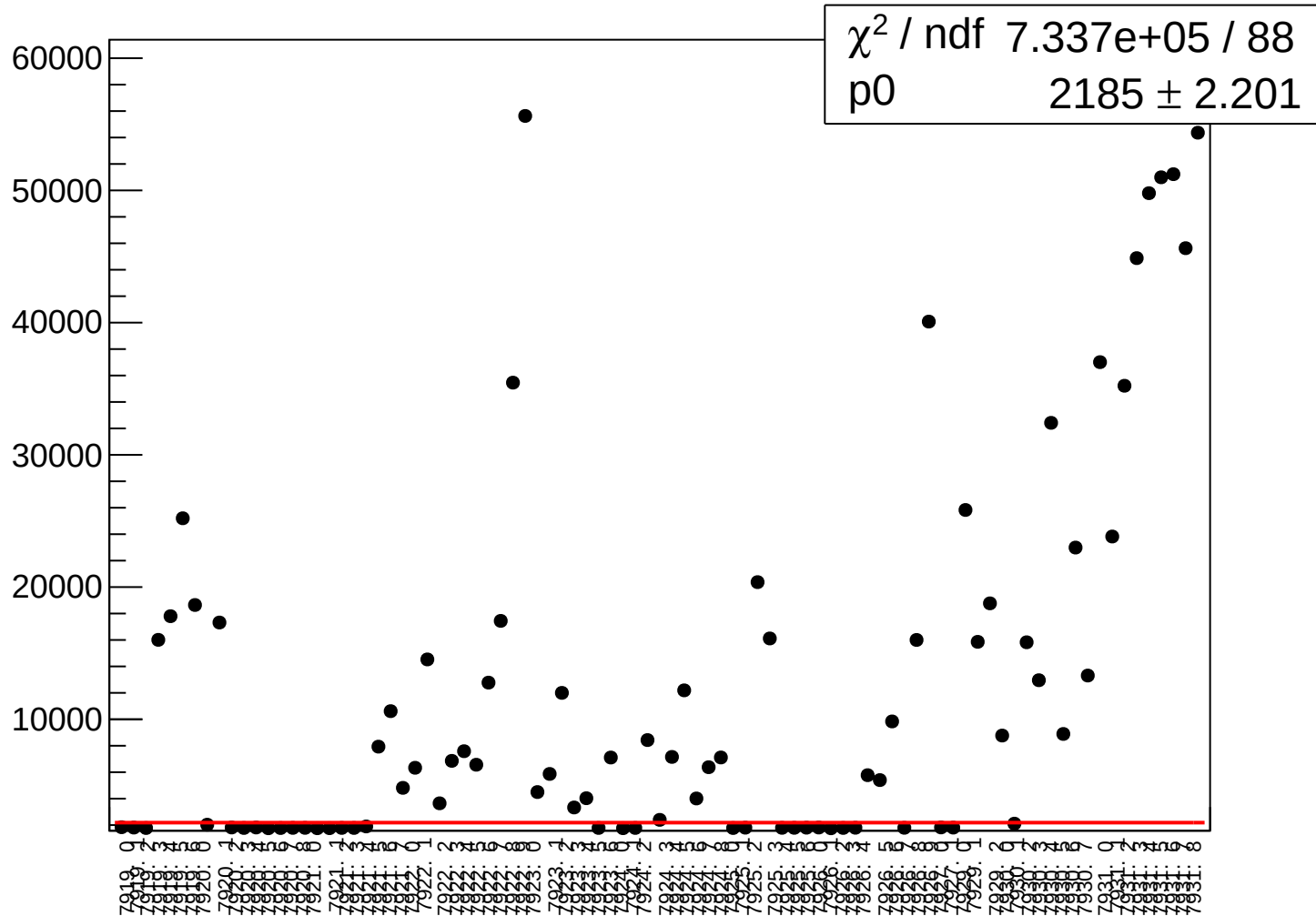
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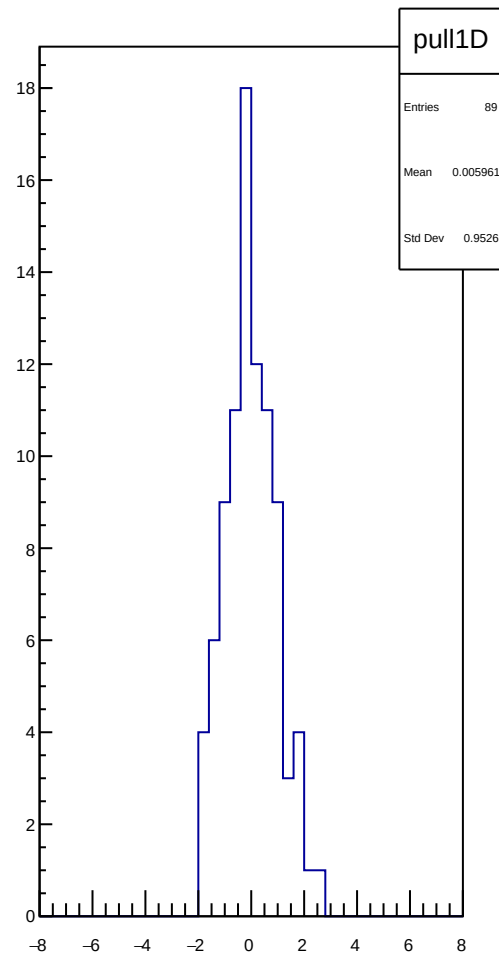
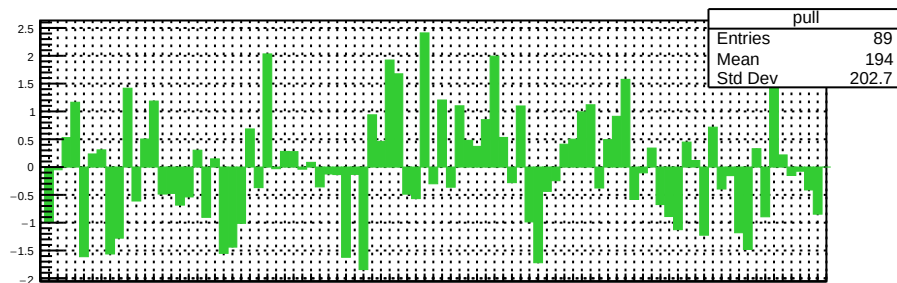
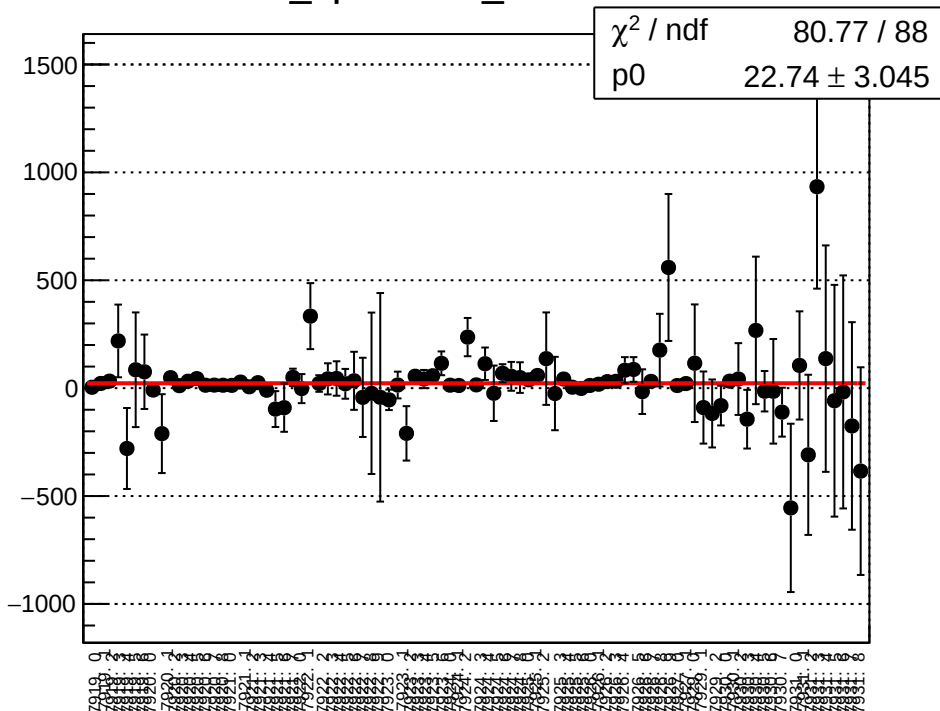
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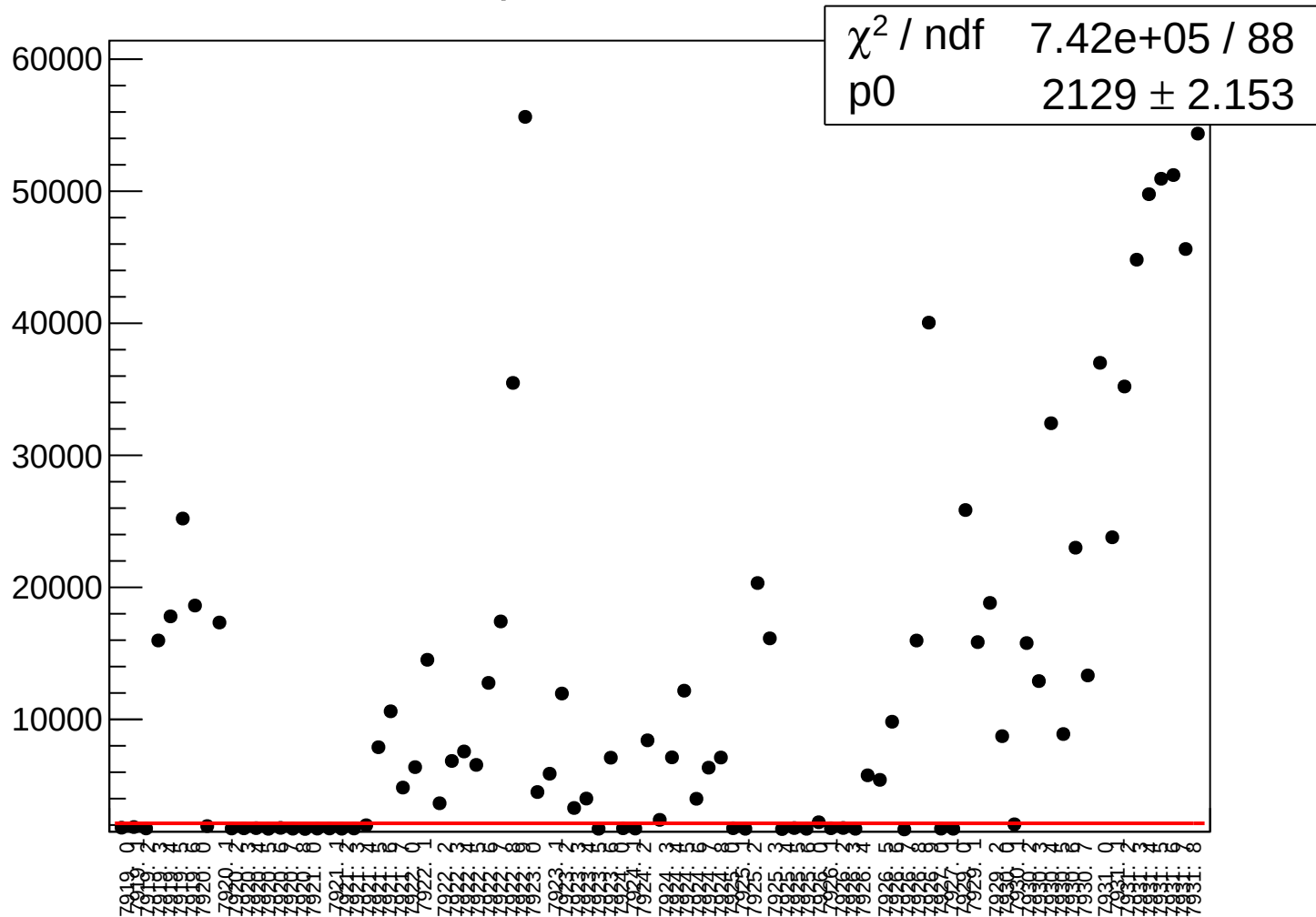
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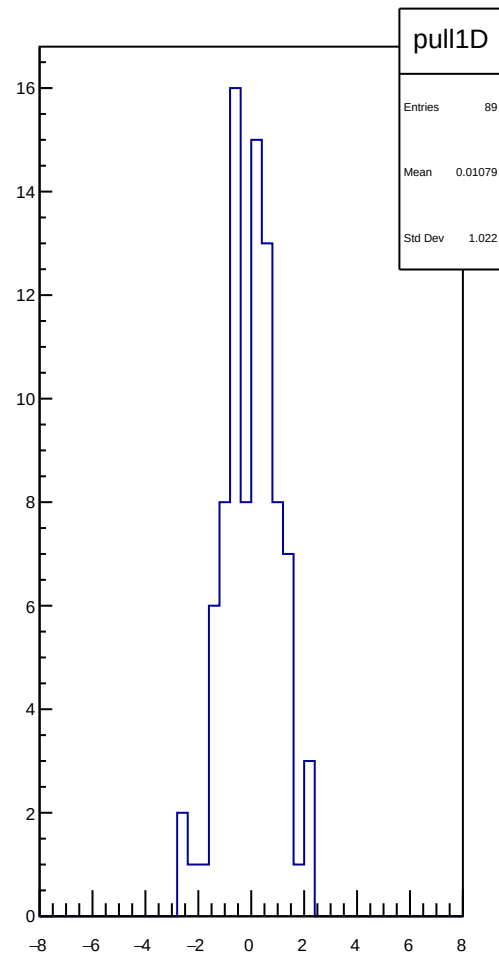
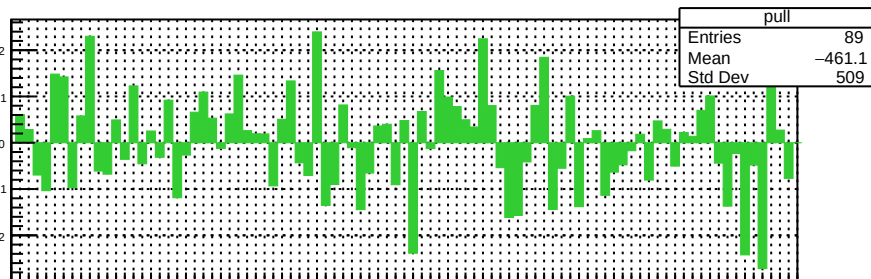
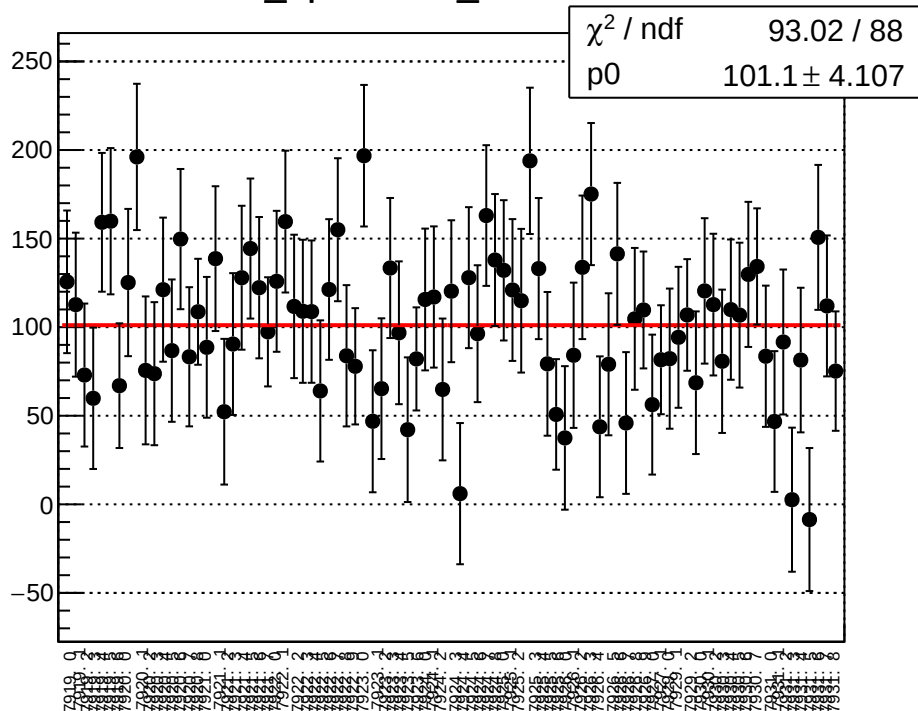
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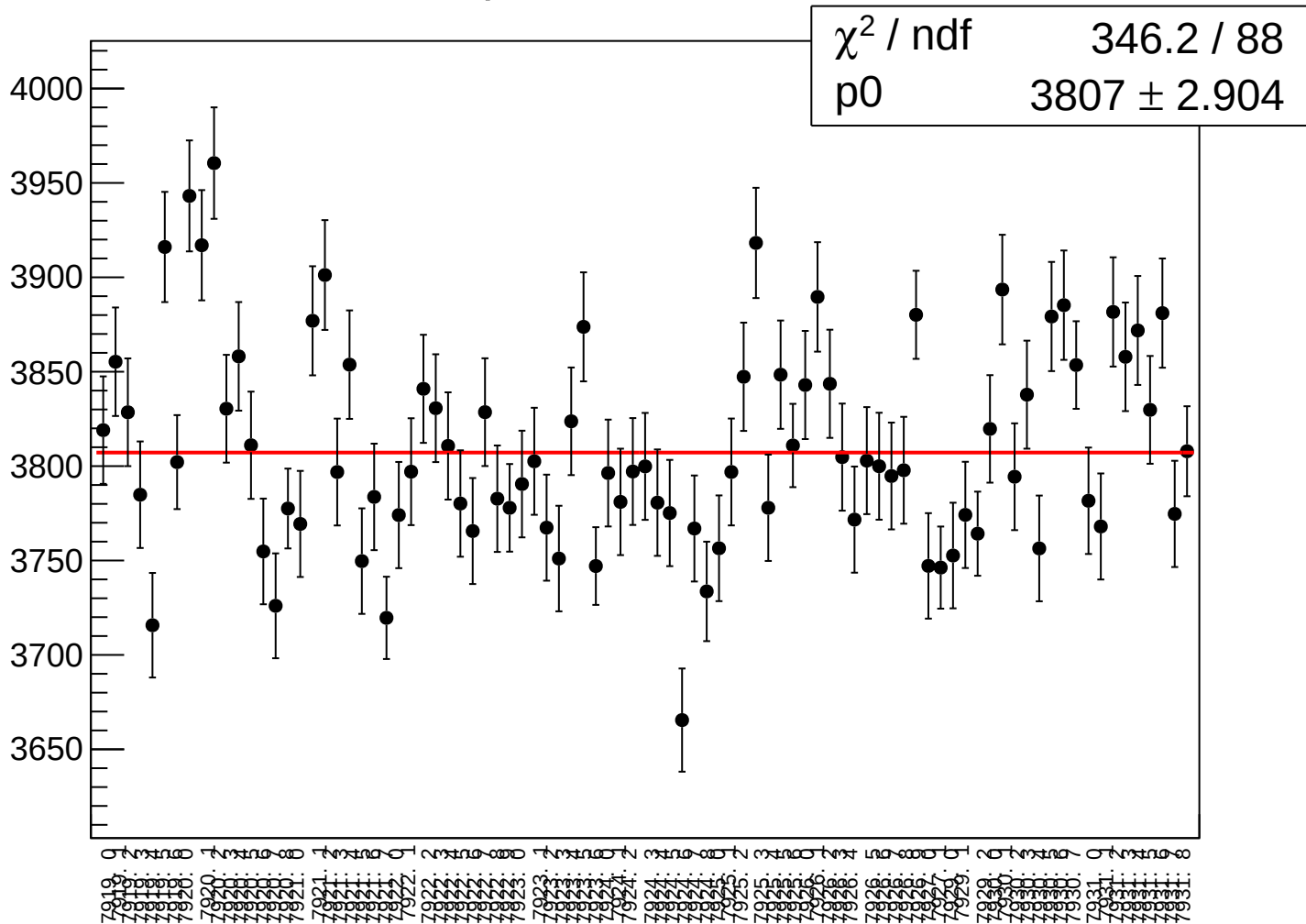
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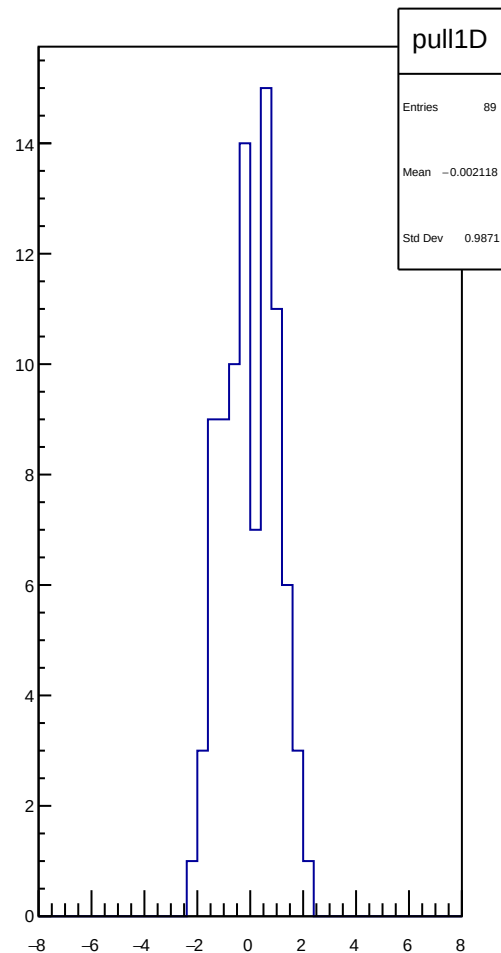
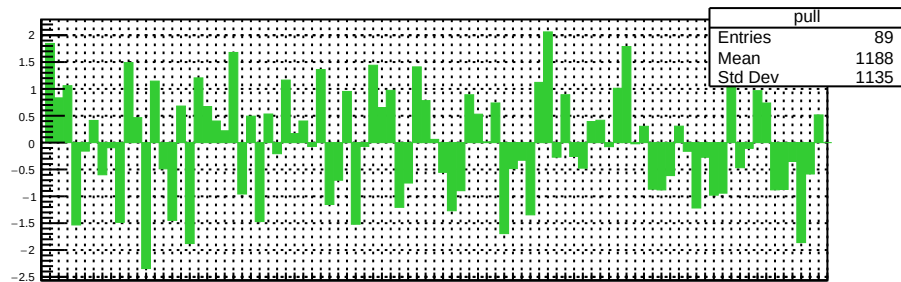
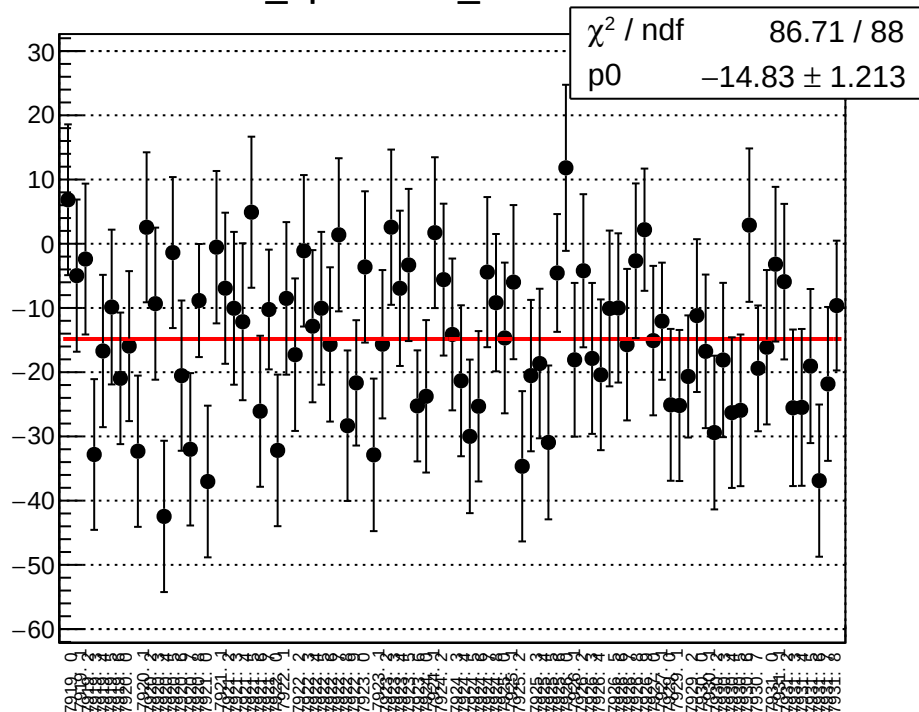
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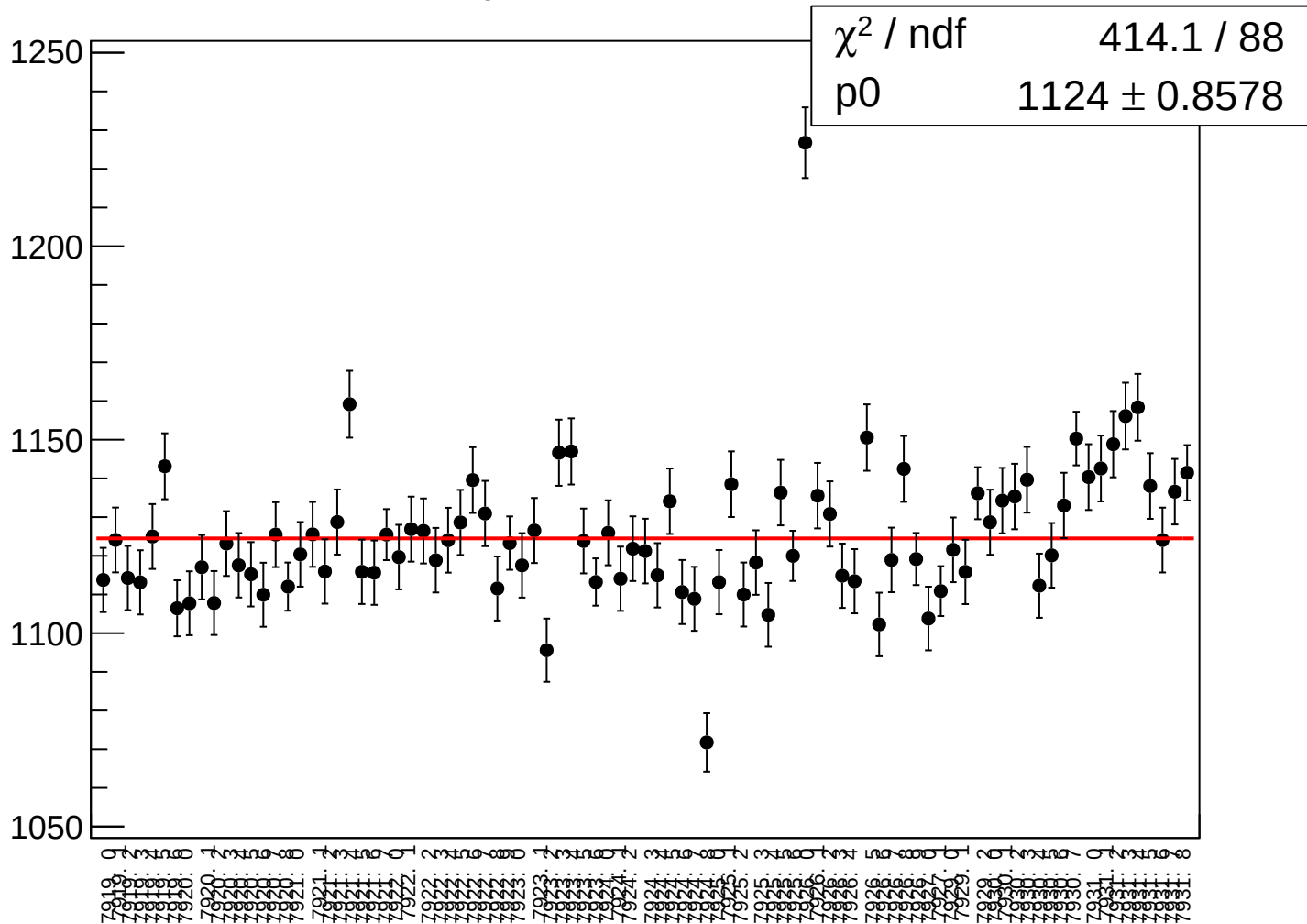
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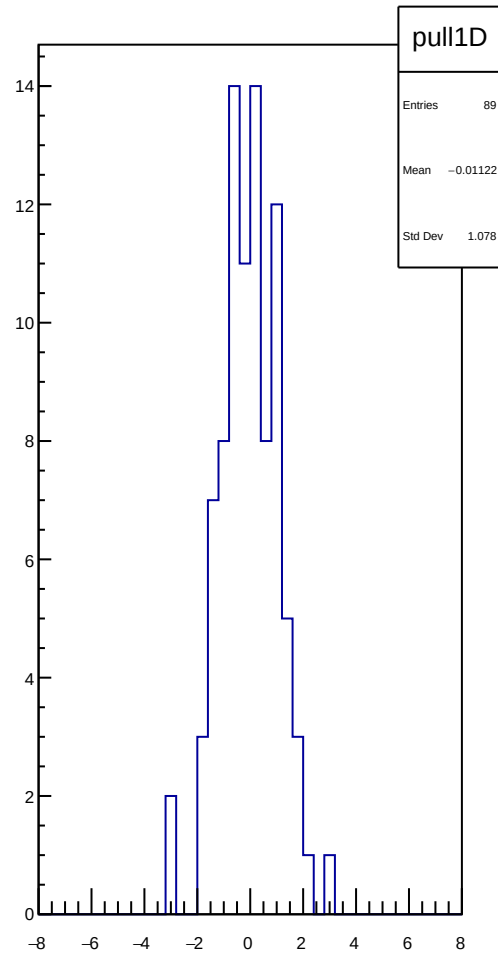
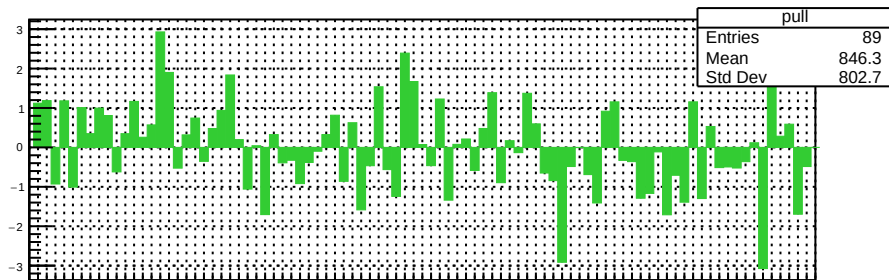
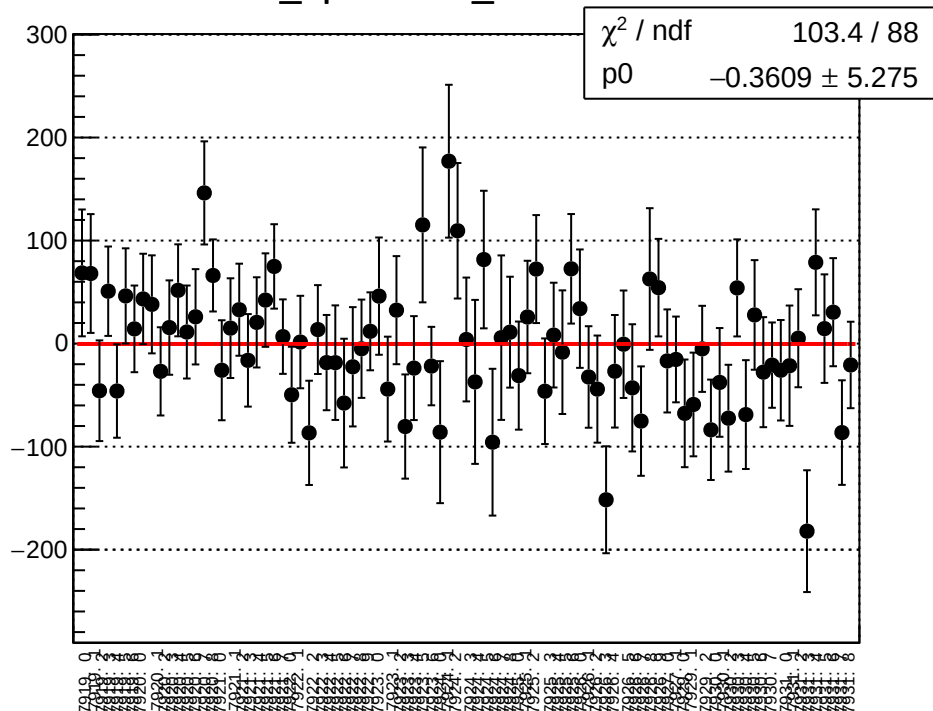
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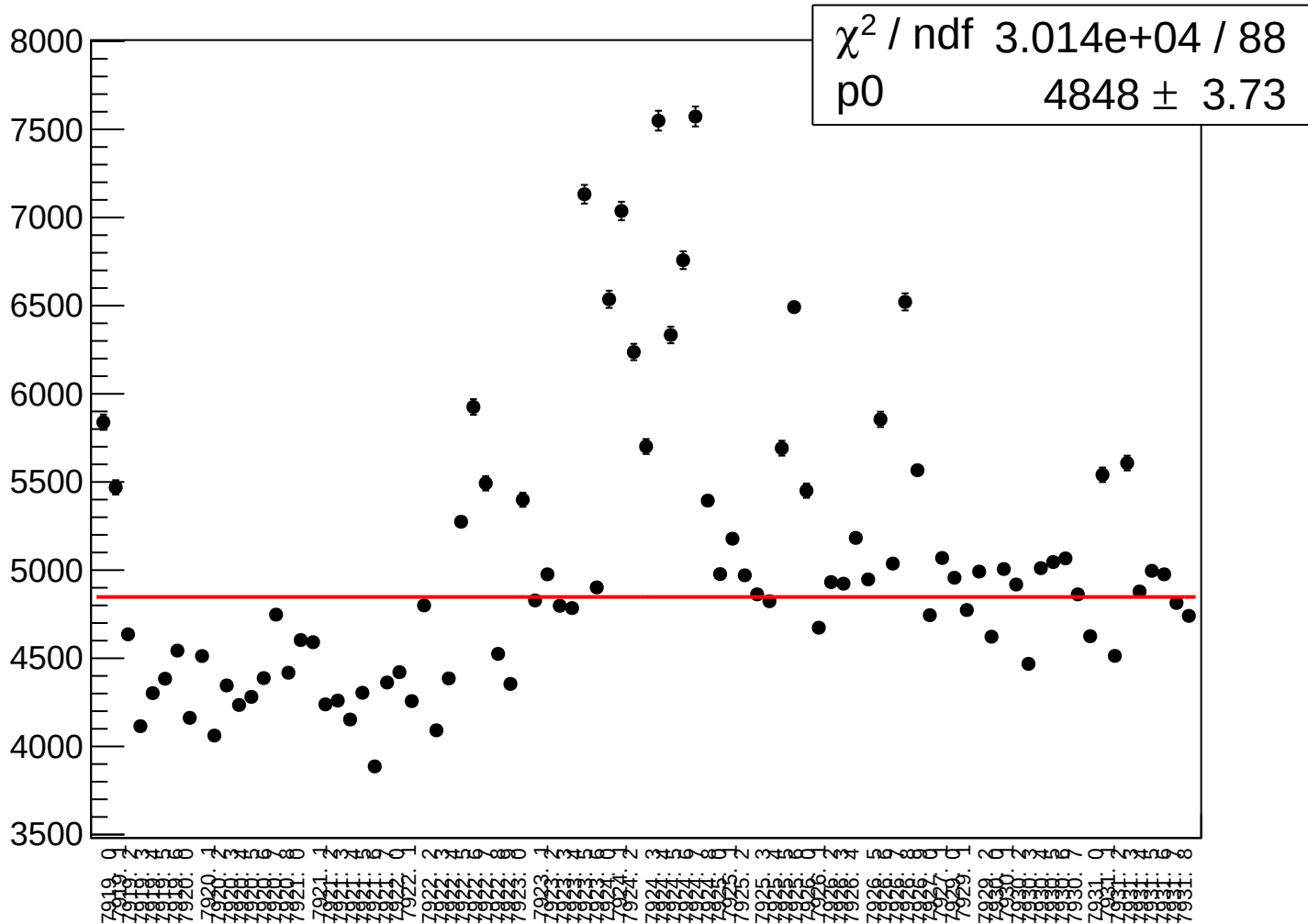
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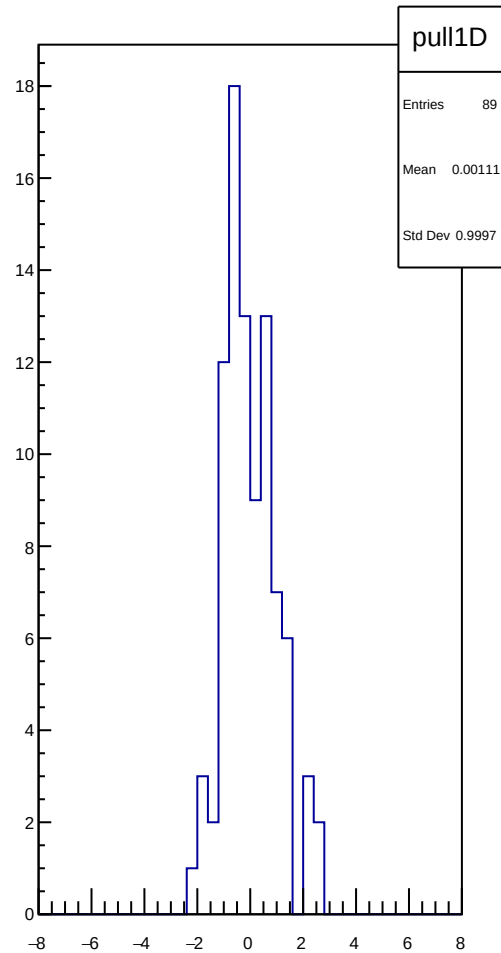
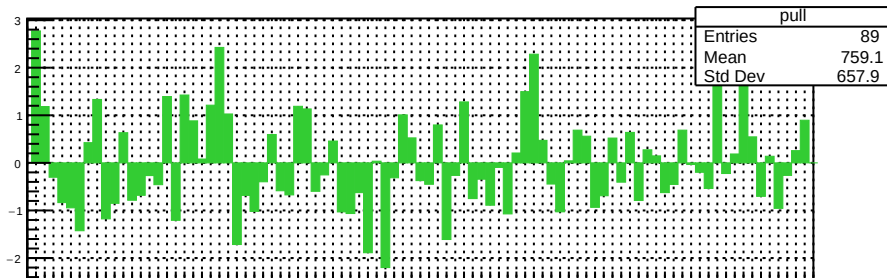
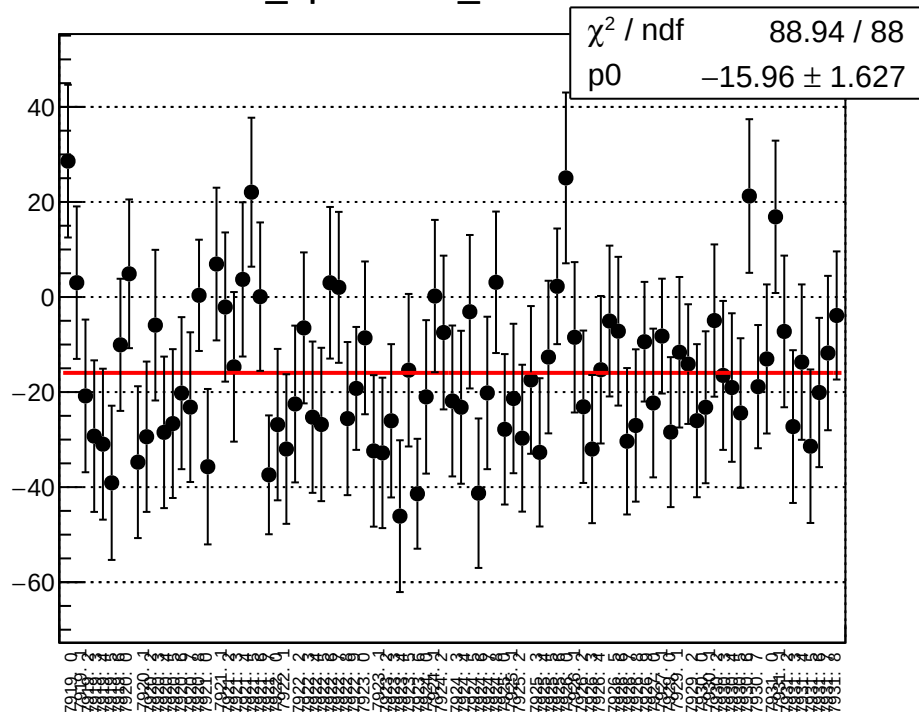
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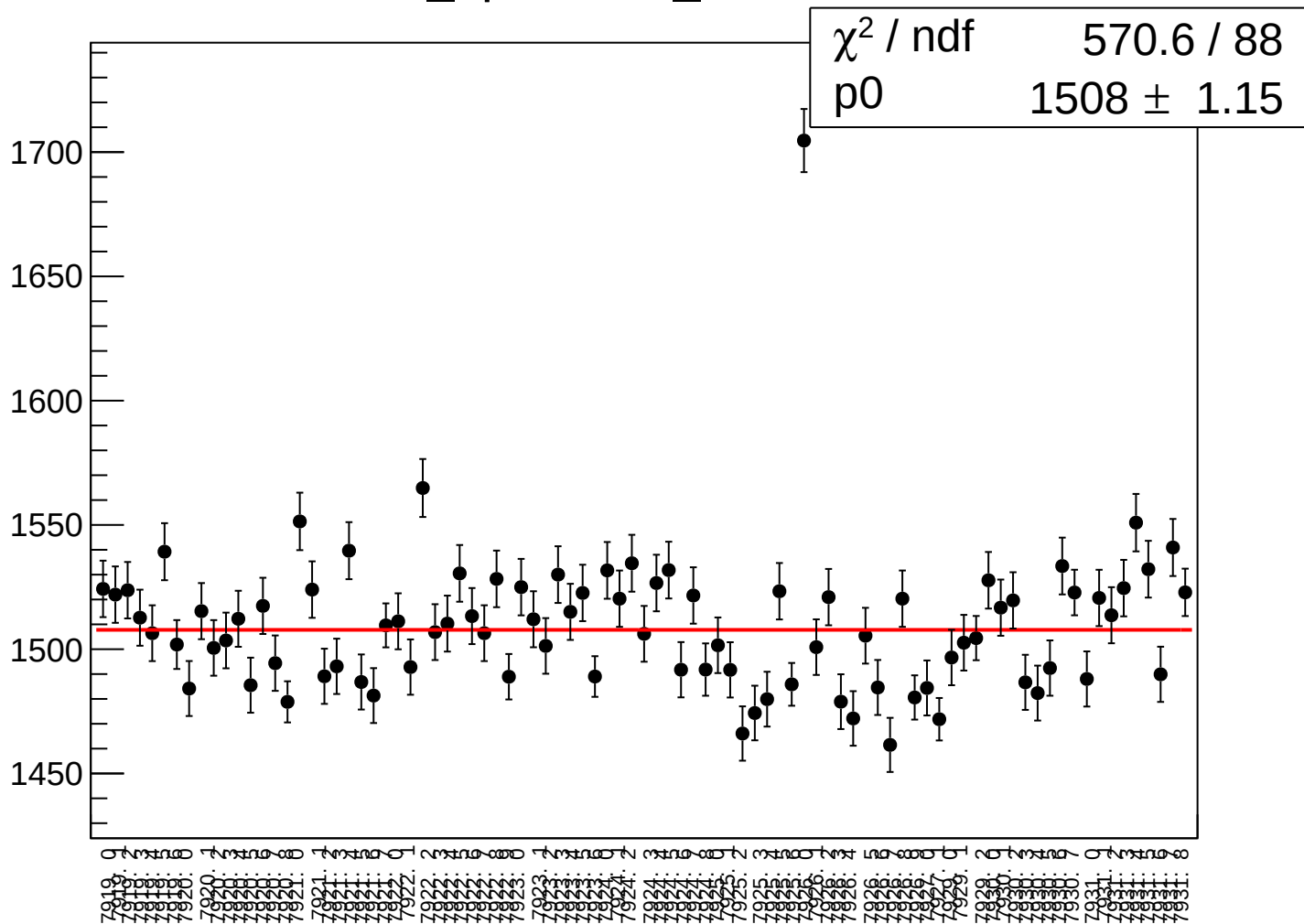
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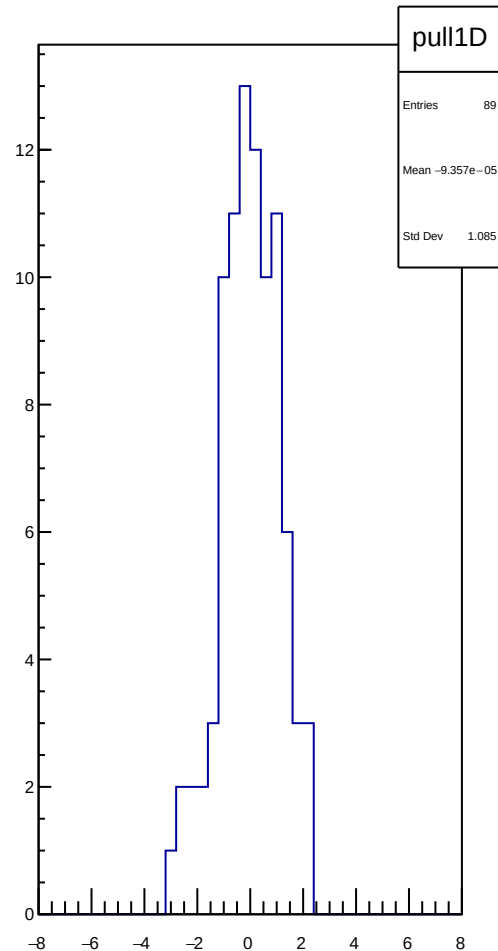
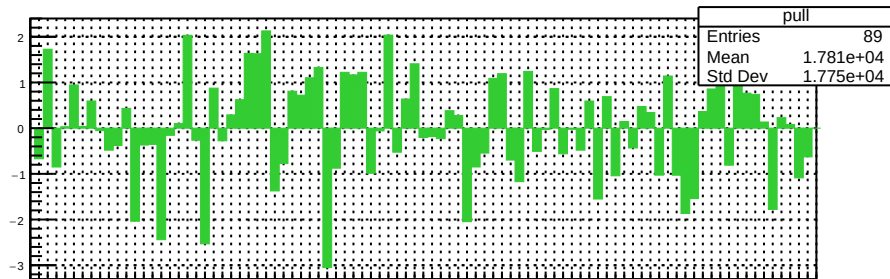
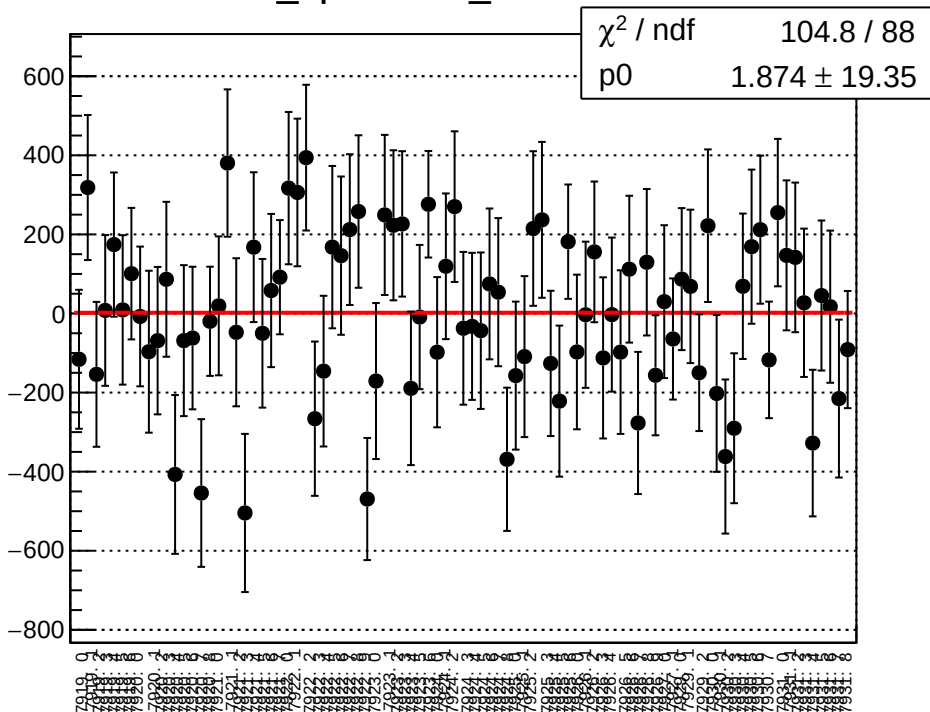
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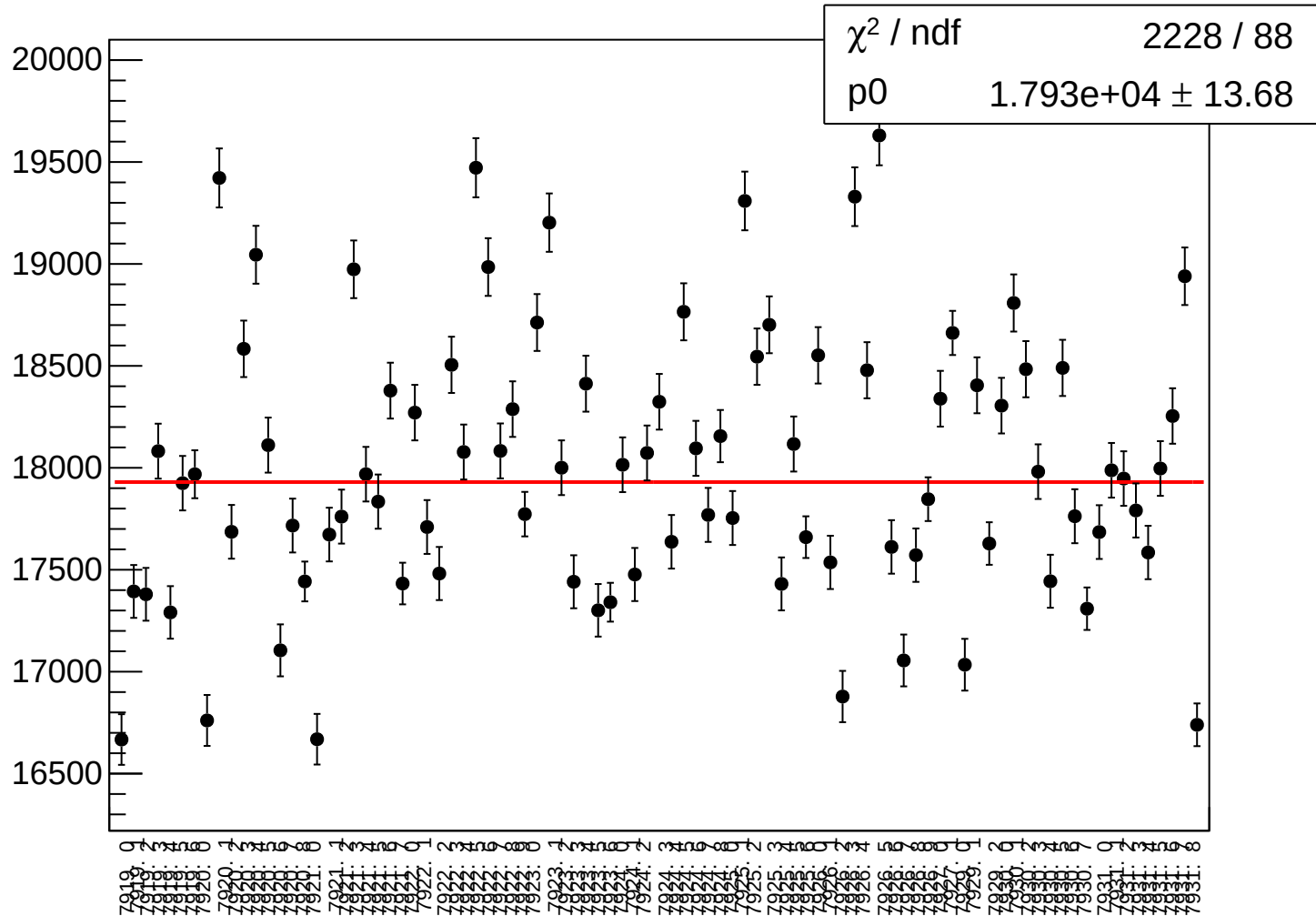
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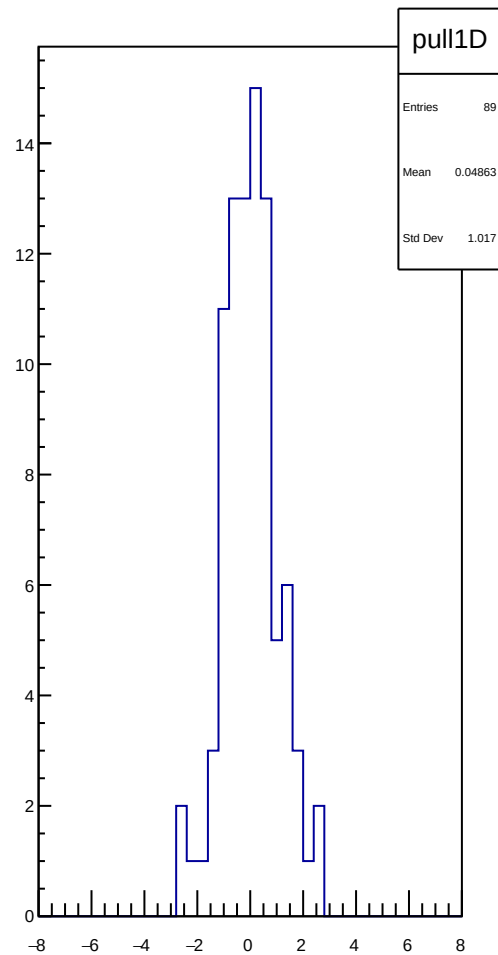
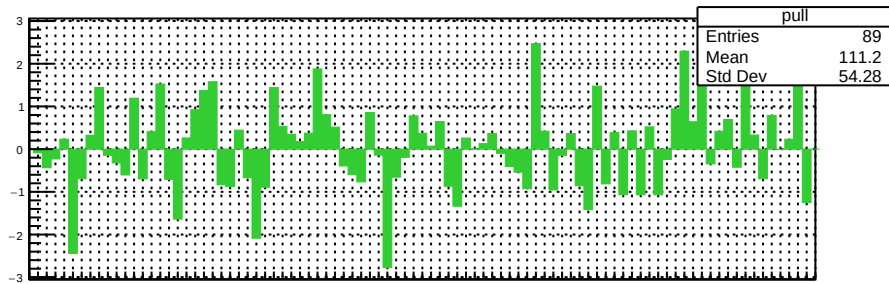
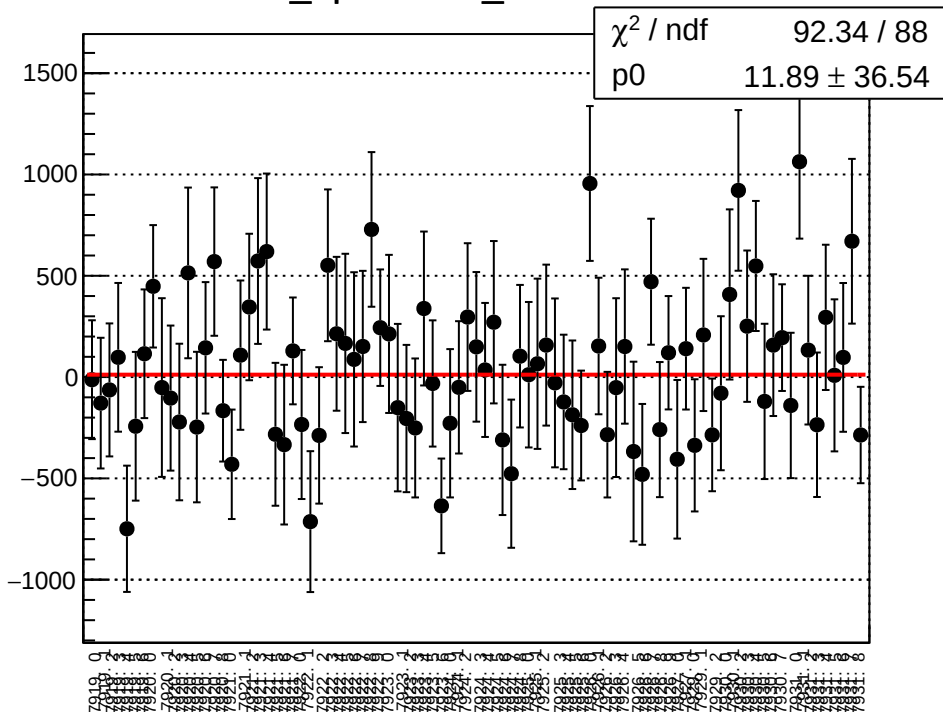
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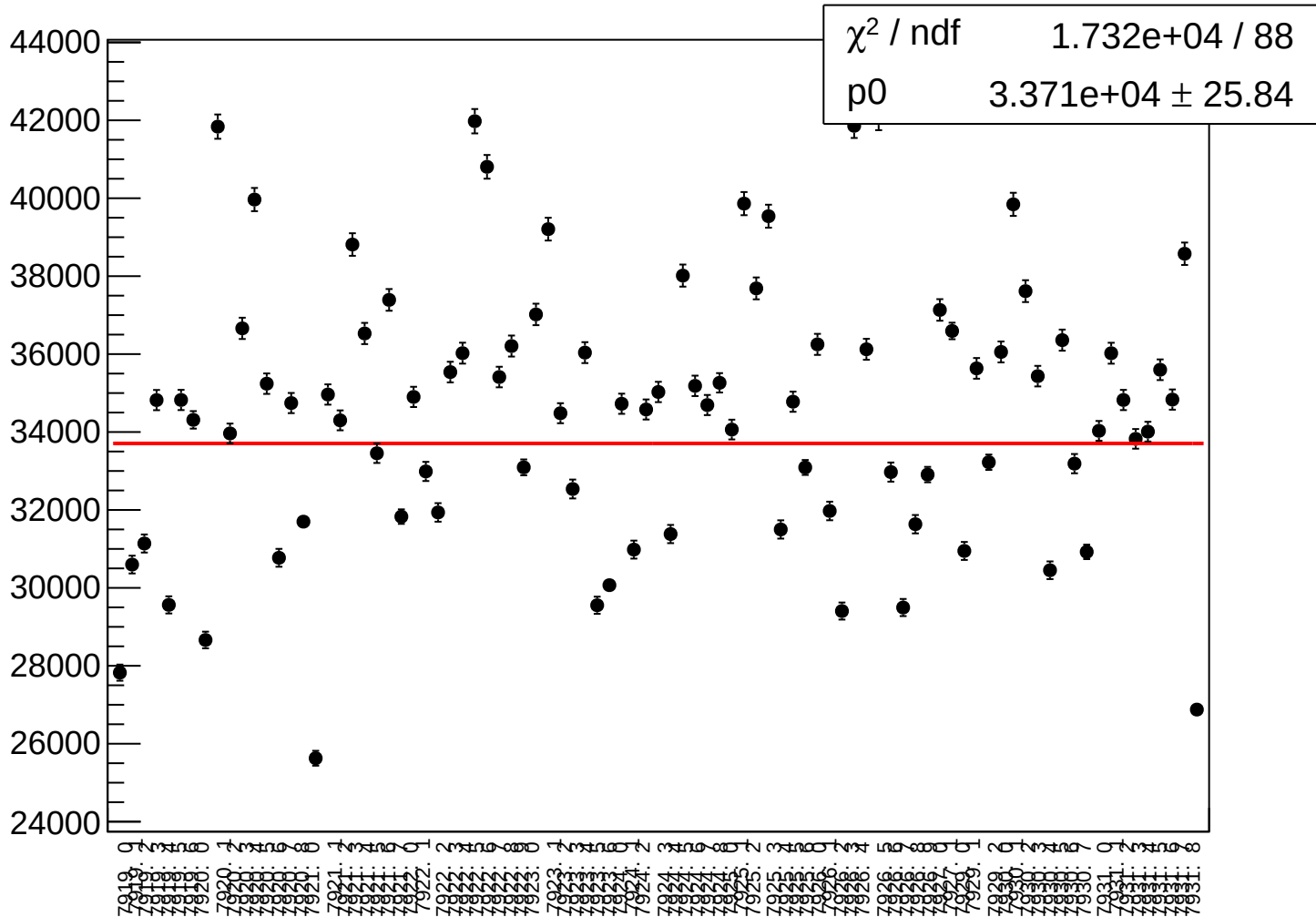
diff_bpm0l06X_rms vs run



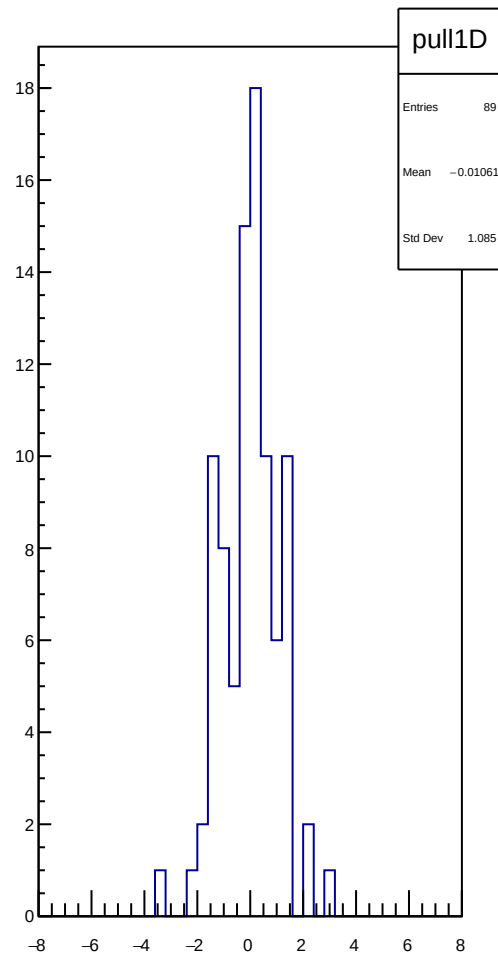
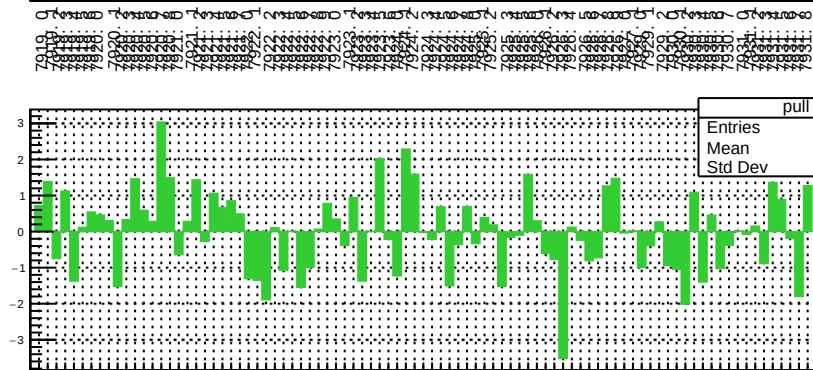
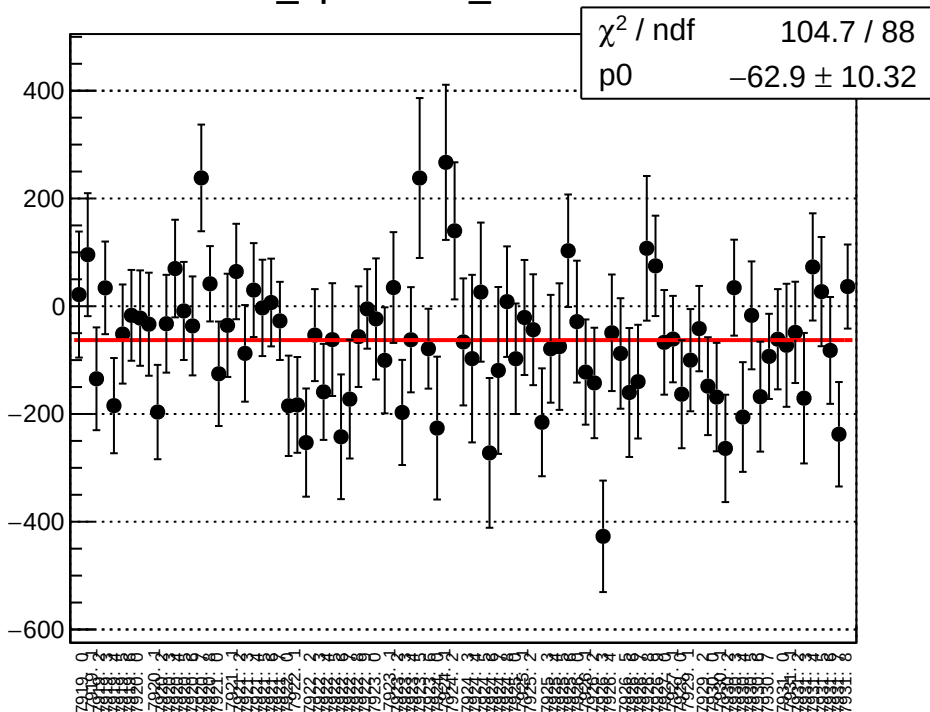
diff_bpm0I06Y_mean vs run



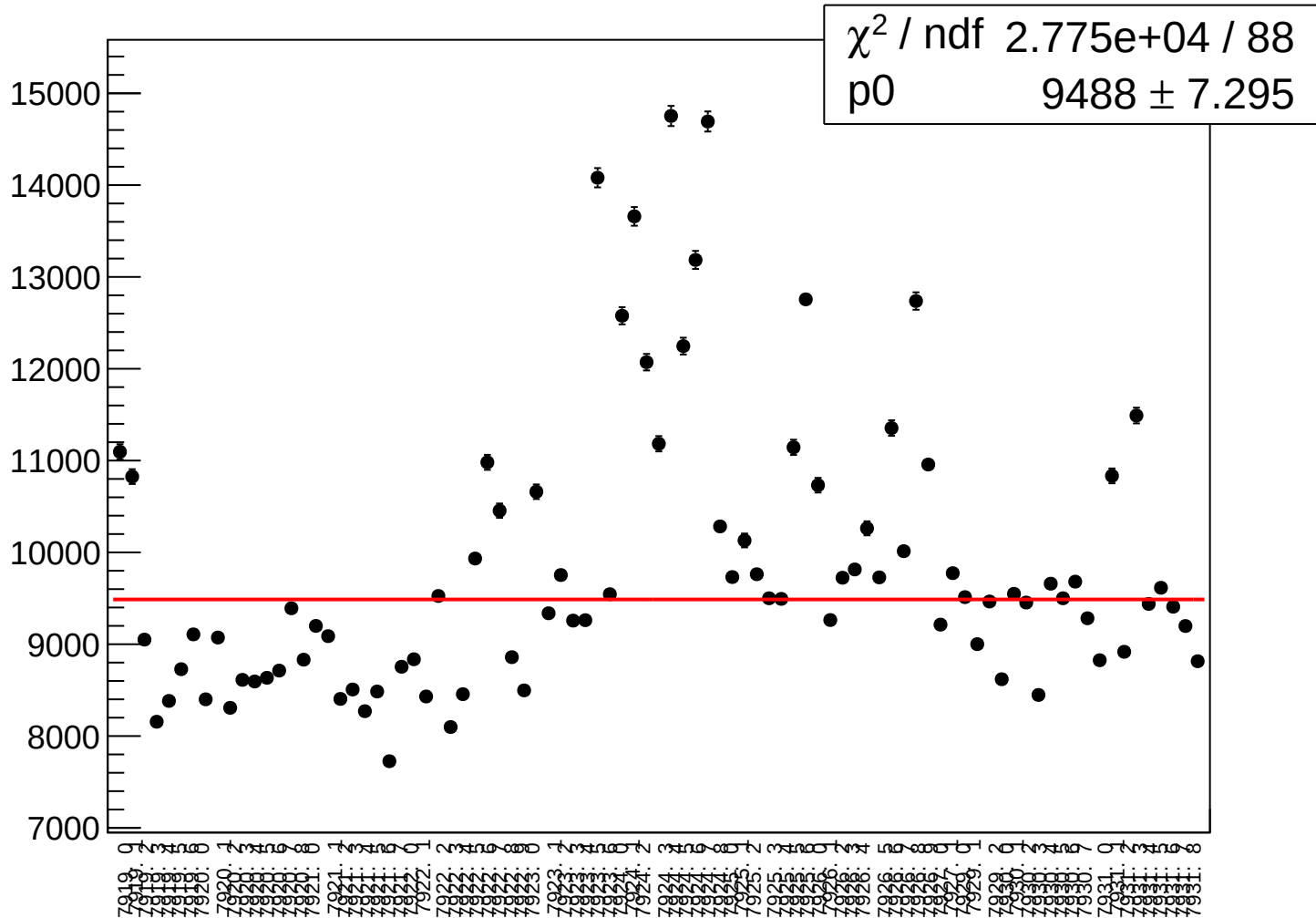
diff_bpm0l06Y_rms vs run



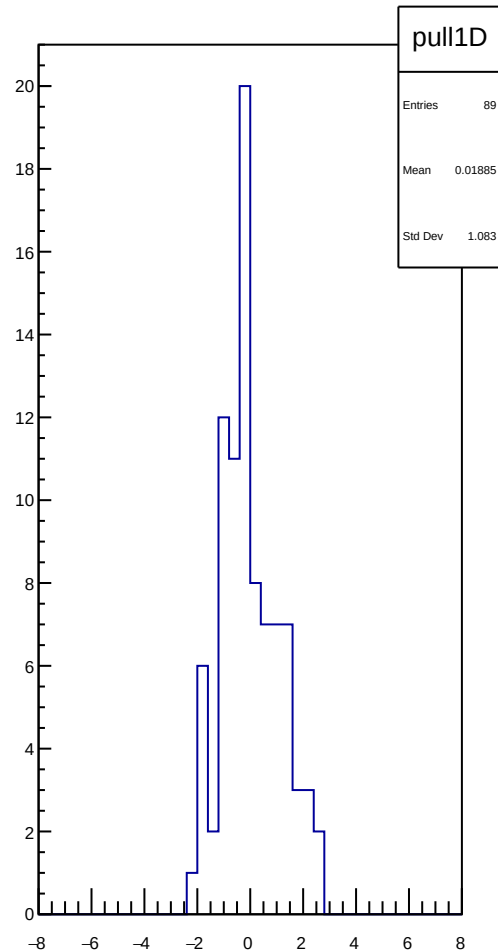
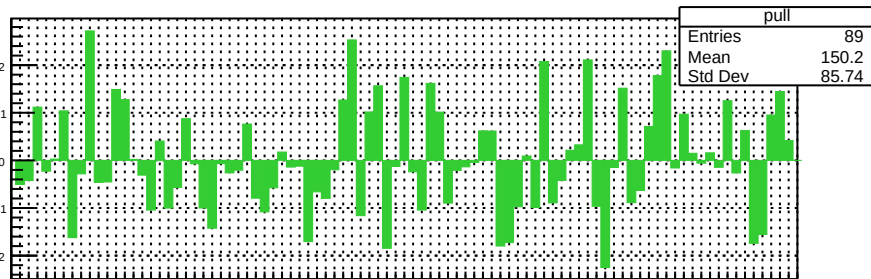
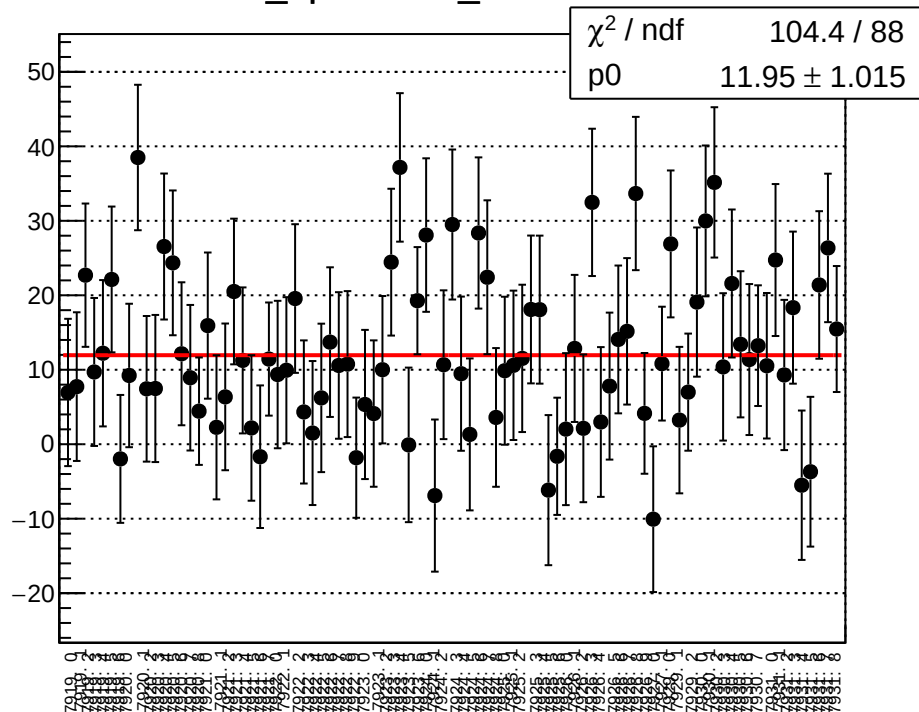
diff_bpm0I07X_mean vs run



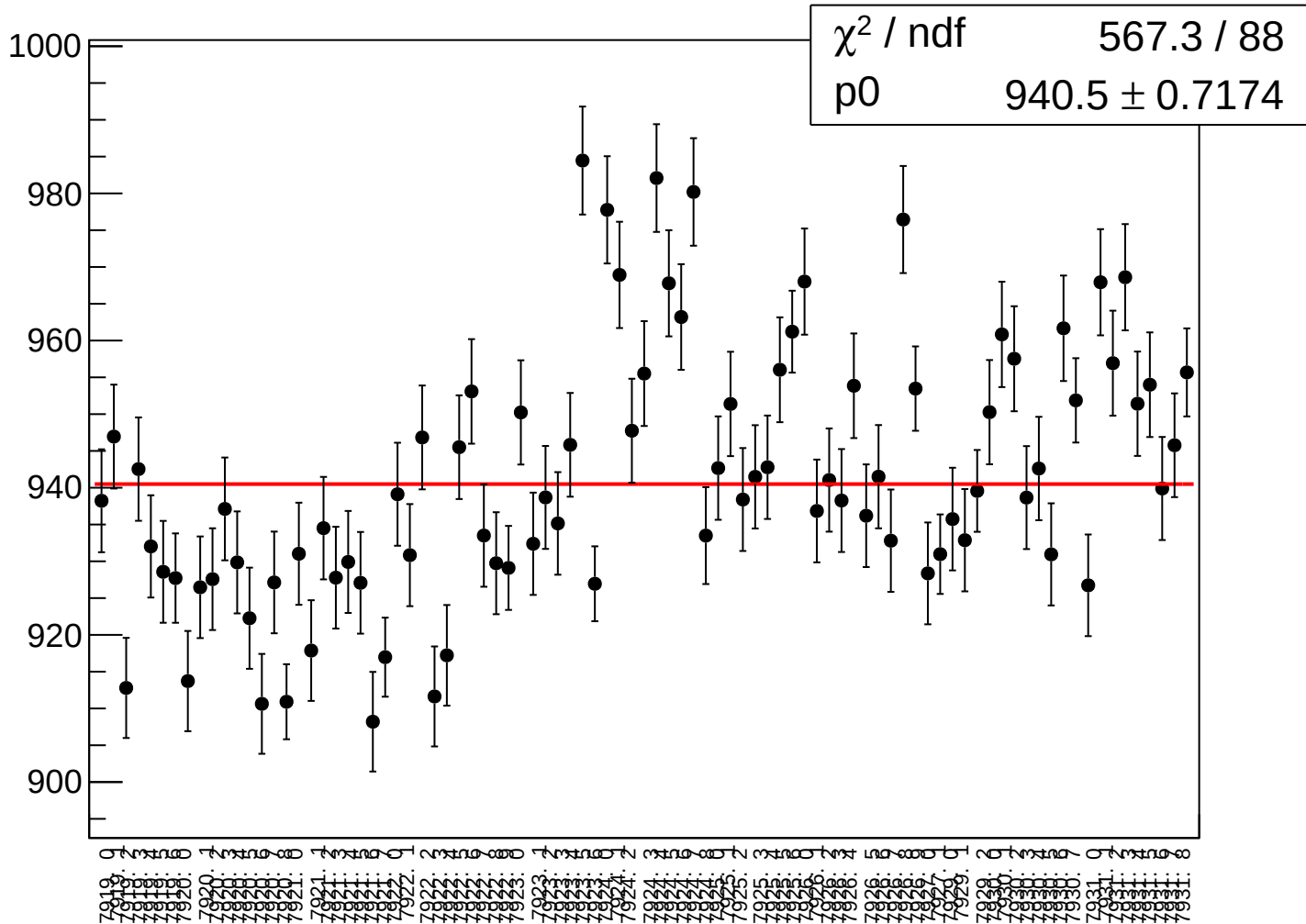
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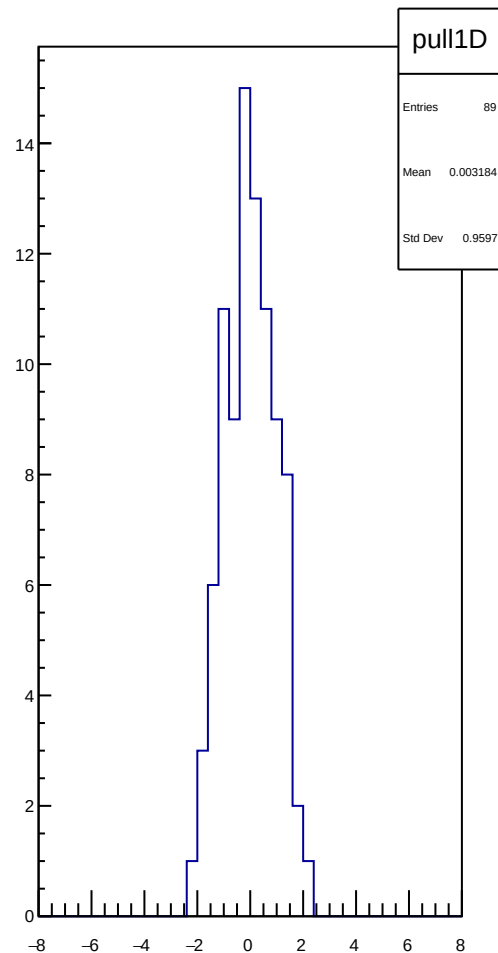
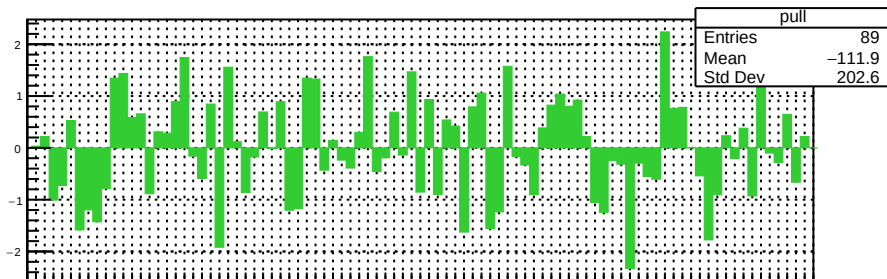
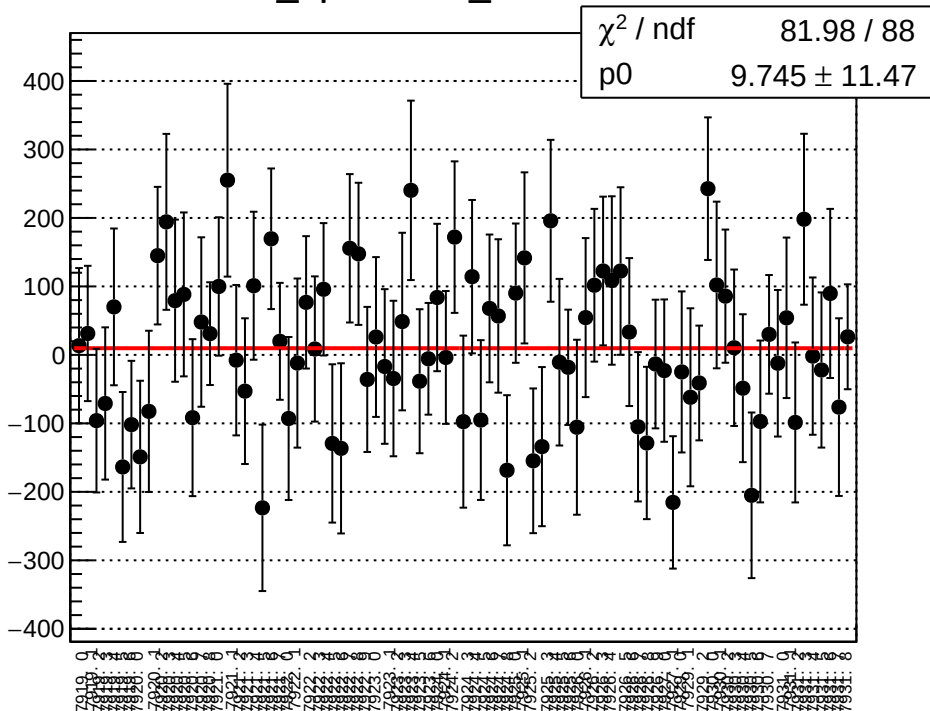
diff_bpm0I07Y_mean vs run



diff_bpm0l07Y_rms vs run

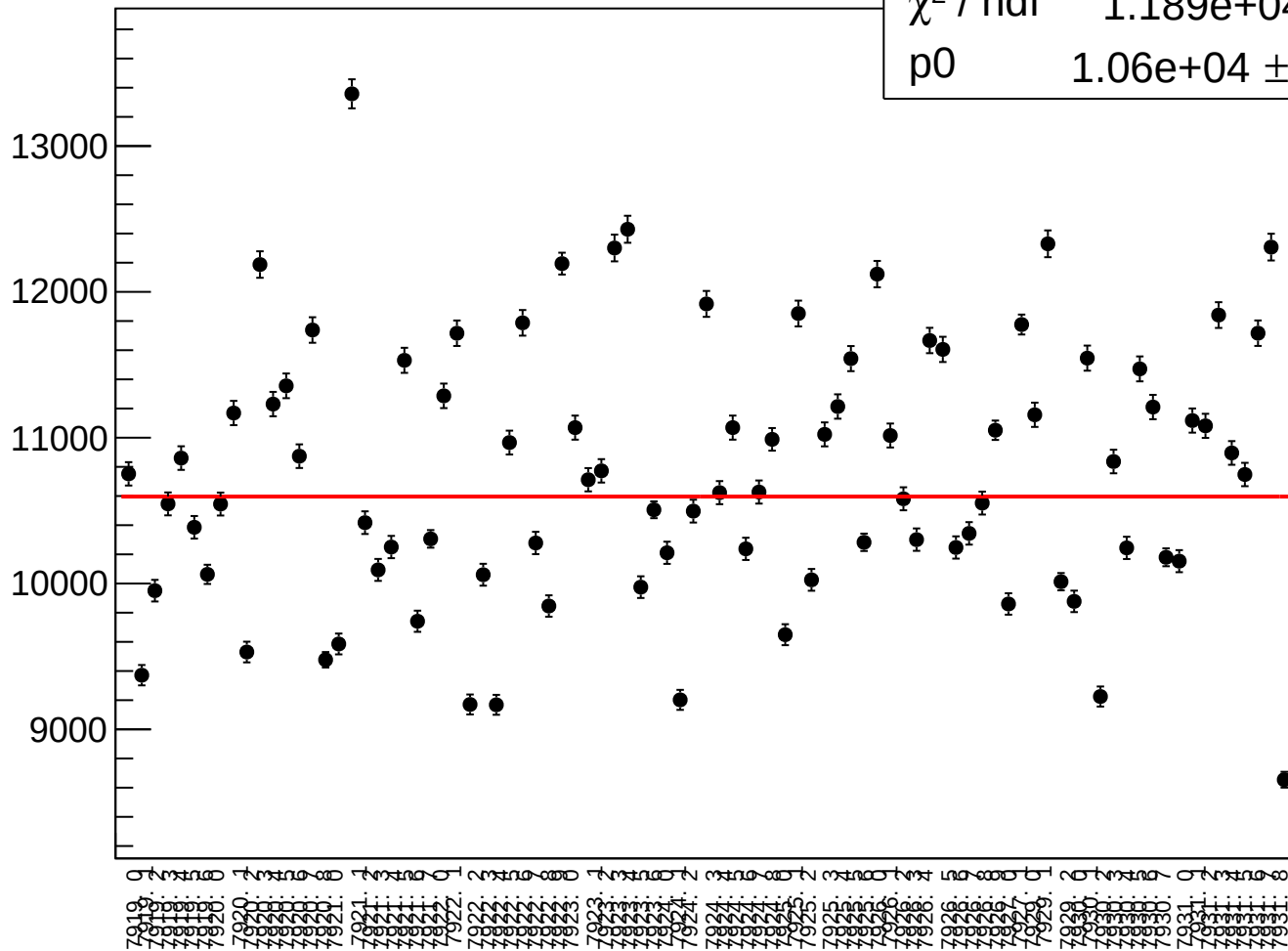


diff_bpm0l08X_mean vs run

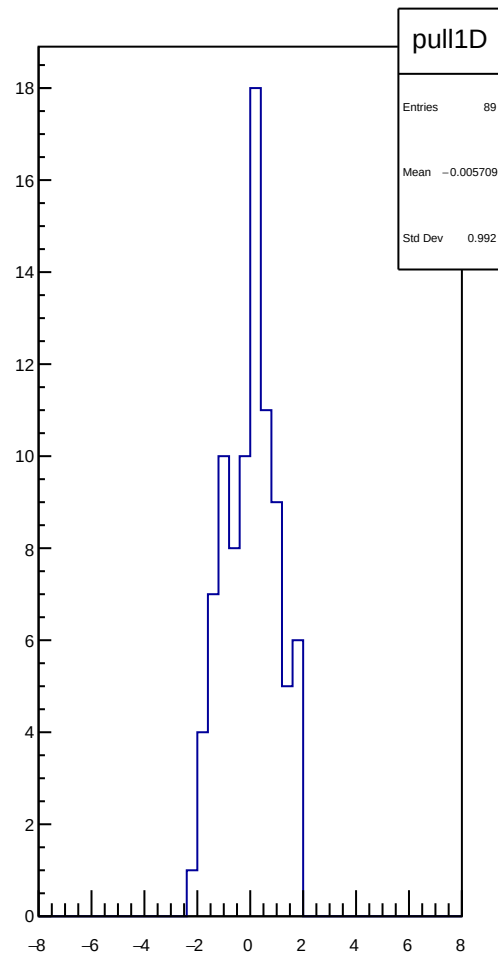
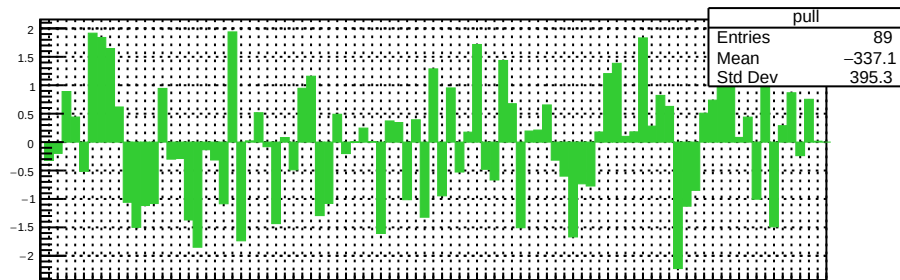
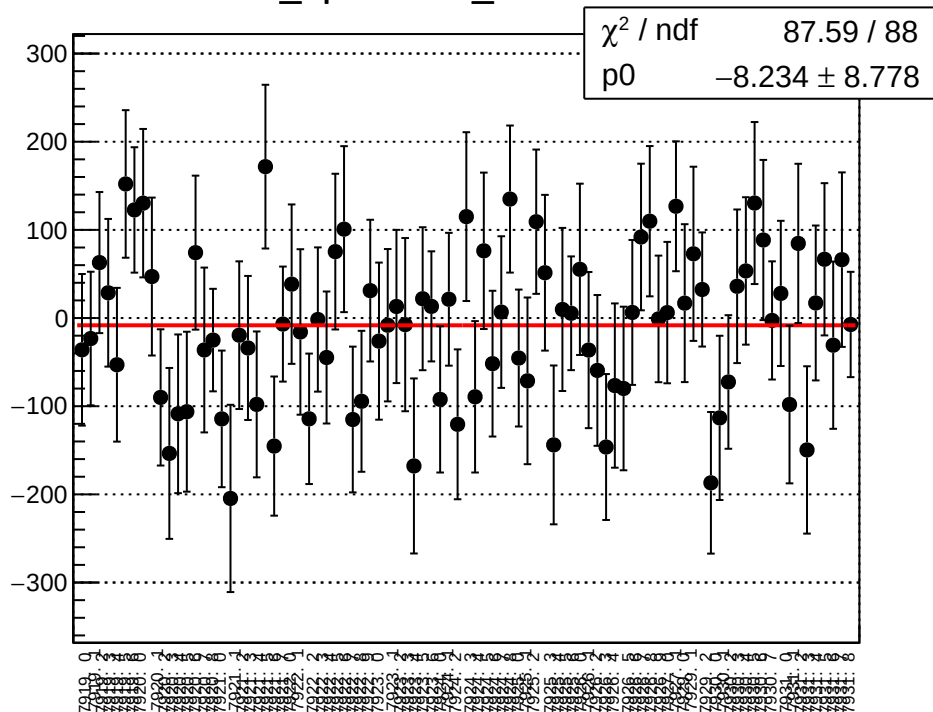


diff_bpm0l08X_rms vs run

χ^2 / ndf 1.189e+04 / 88
p0 1.06e+04 $\pm$ 8.11

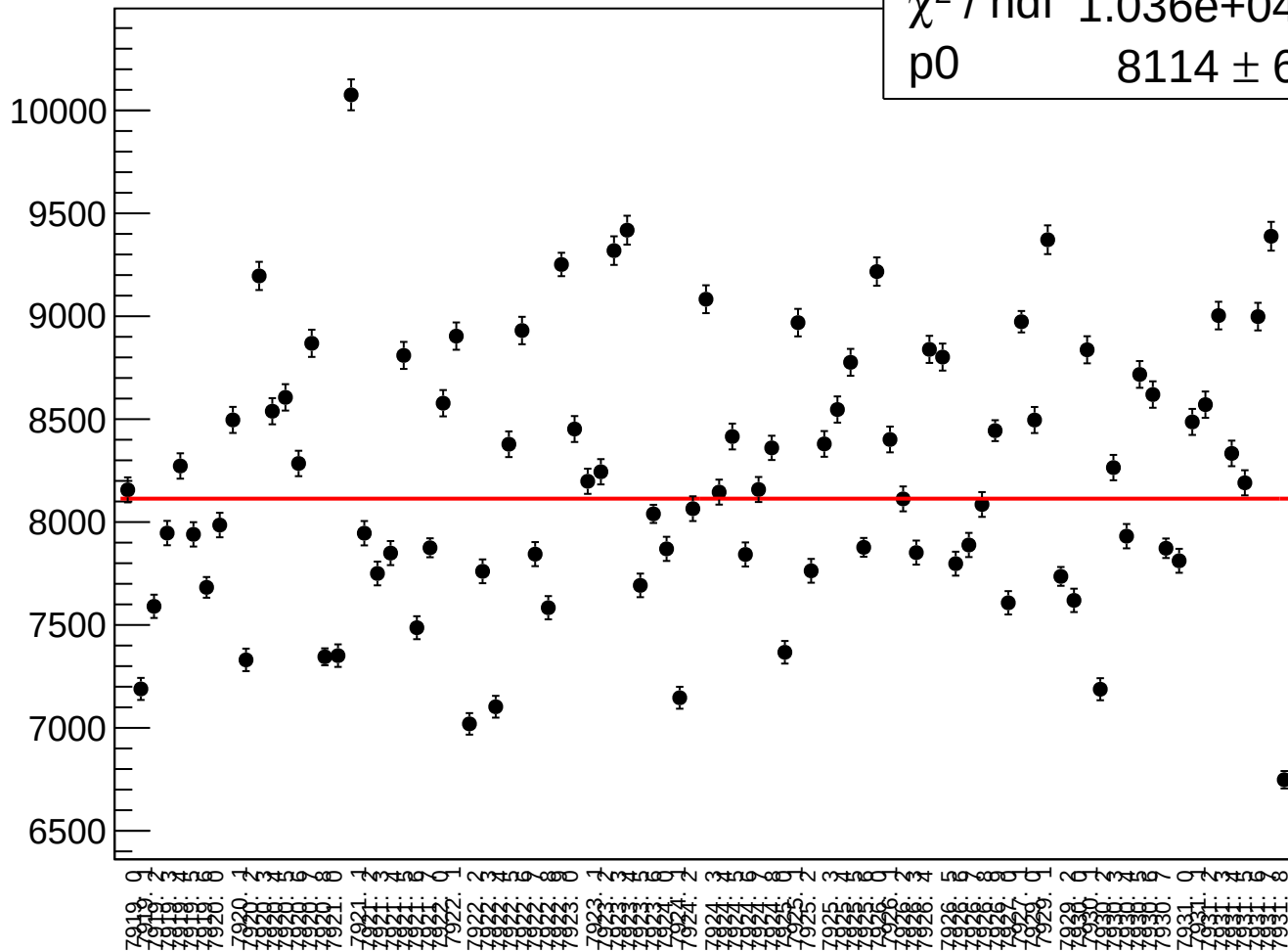


diff_bpm0l08Y_mean vs run

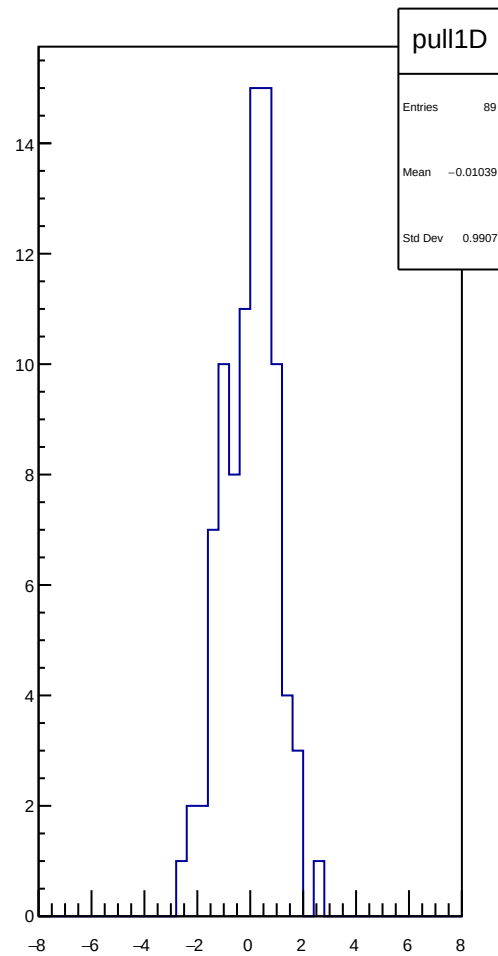
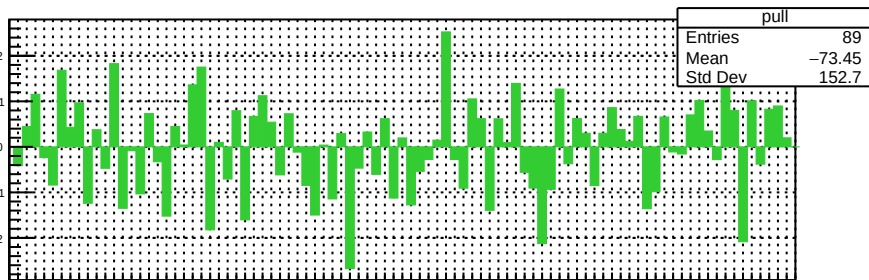
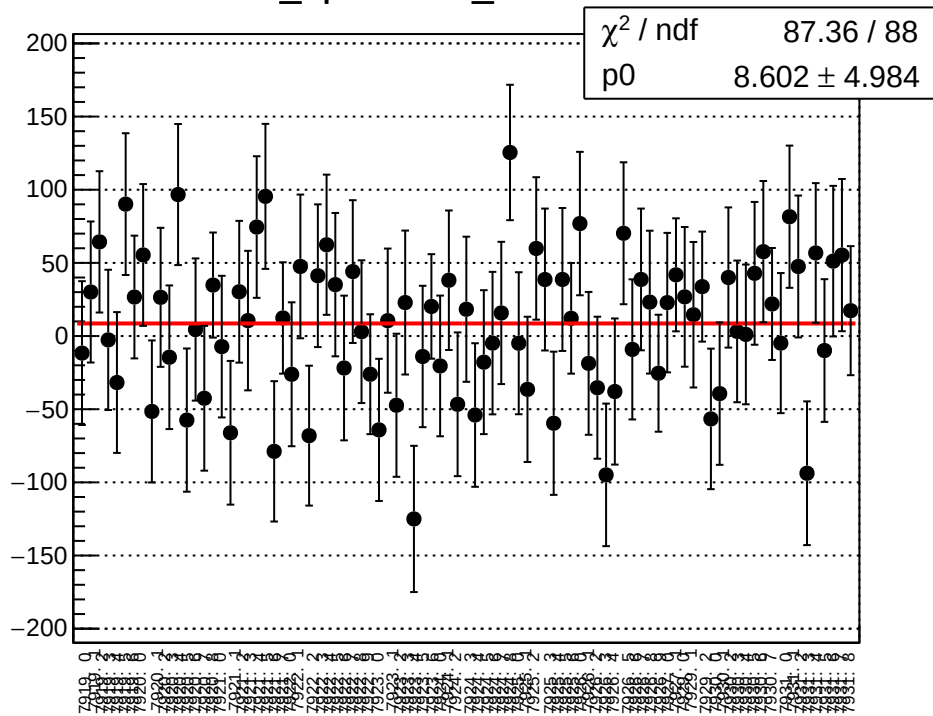


diff_bpm0l08Y_rms vs run

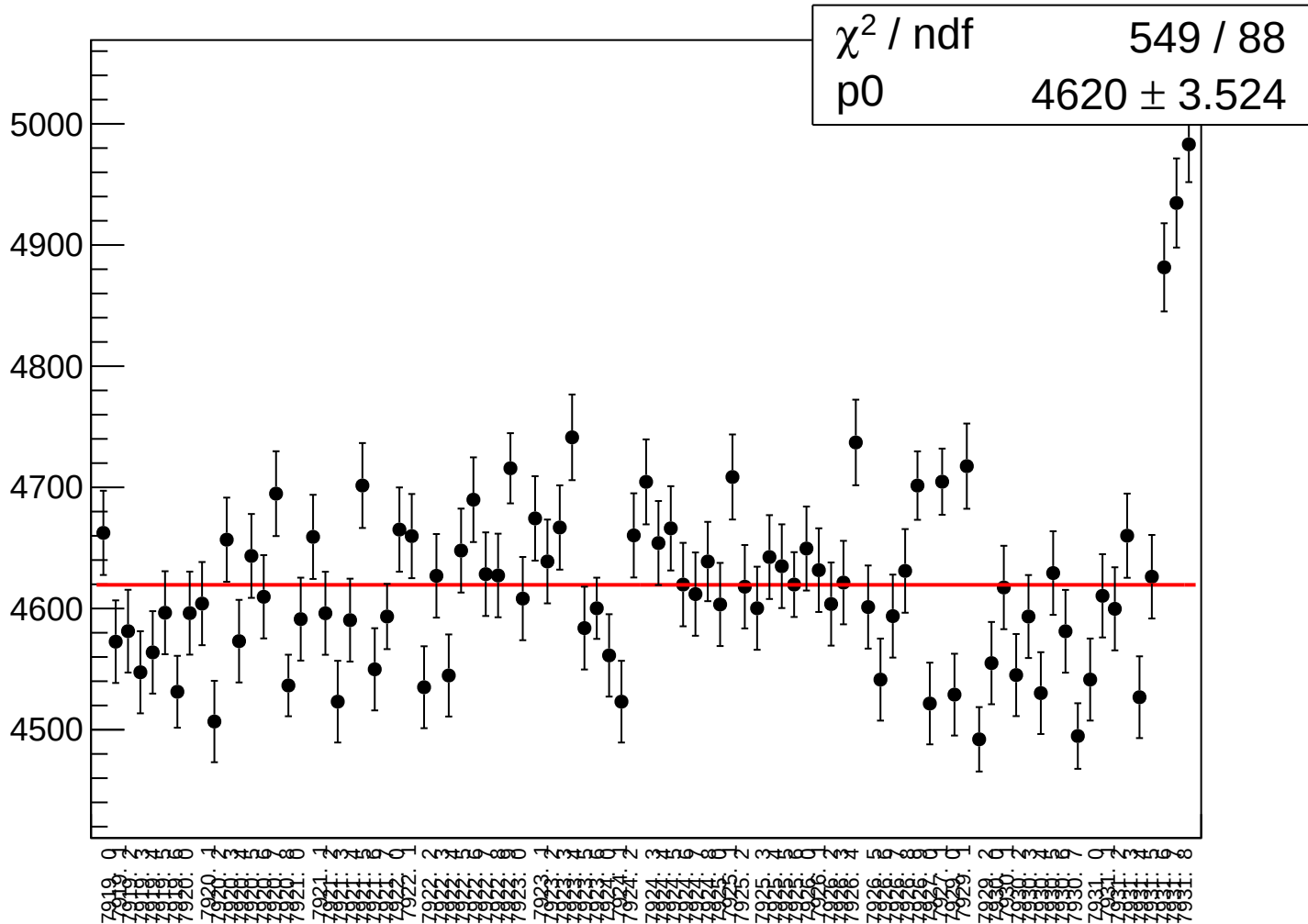
χ^2 / ndf 1.036e+04 / 88
p0 8114 $\pm$ 6.207



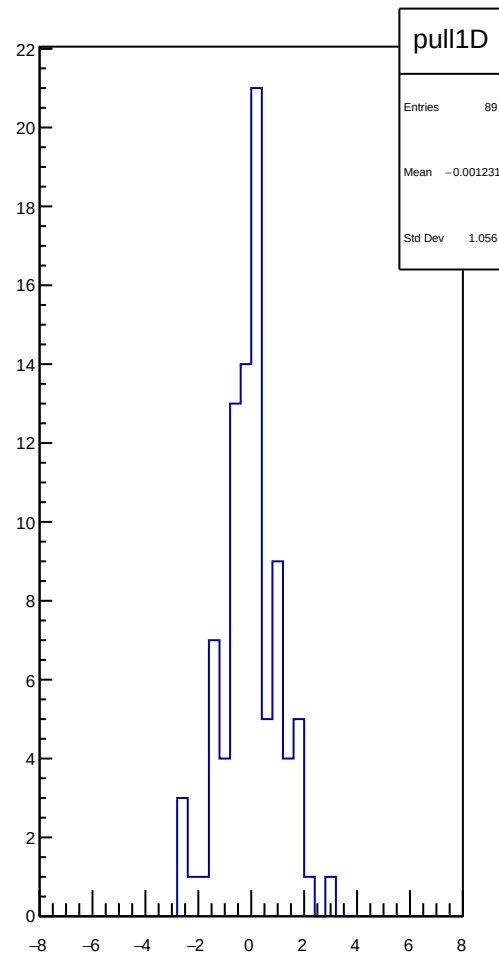
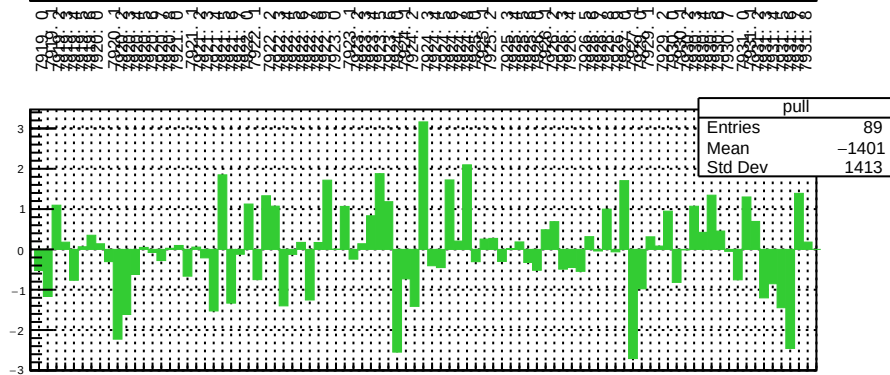
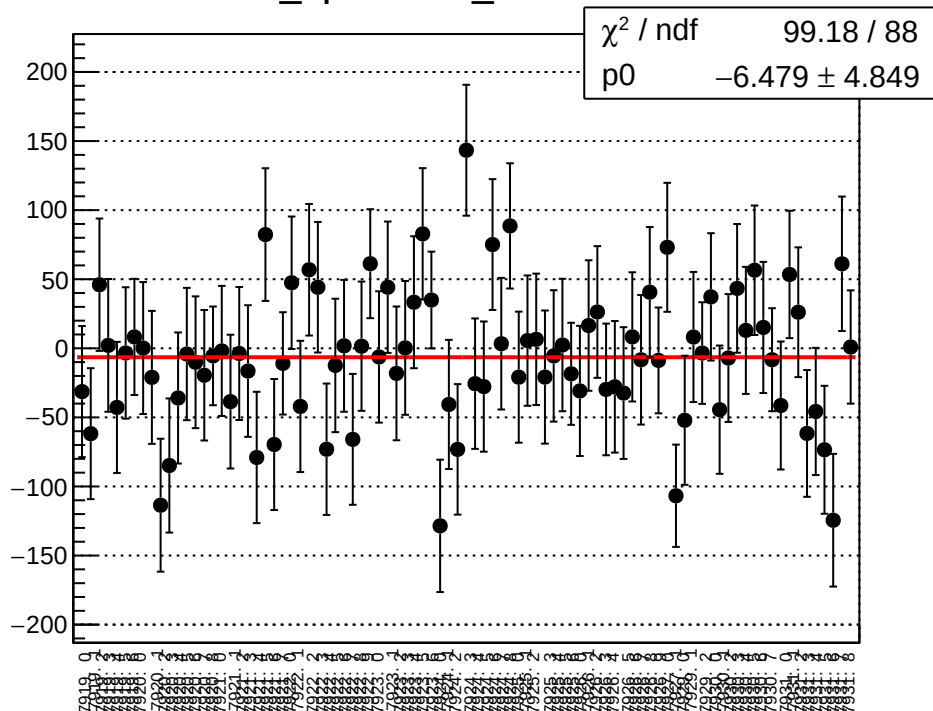
diff_bpm0I09X_mean vs run



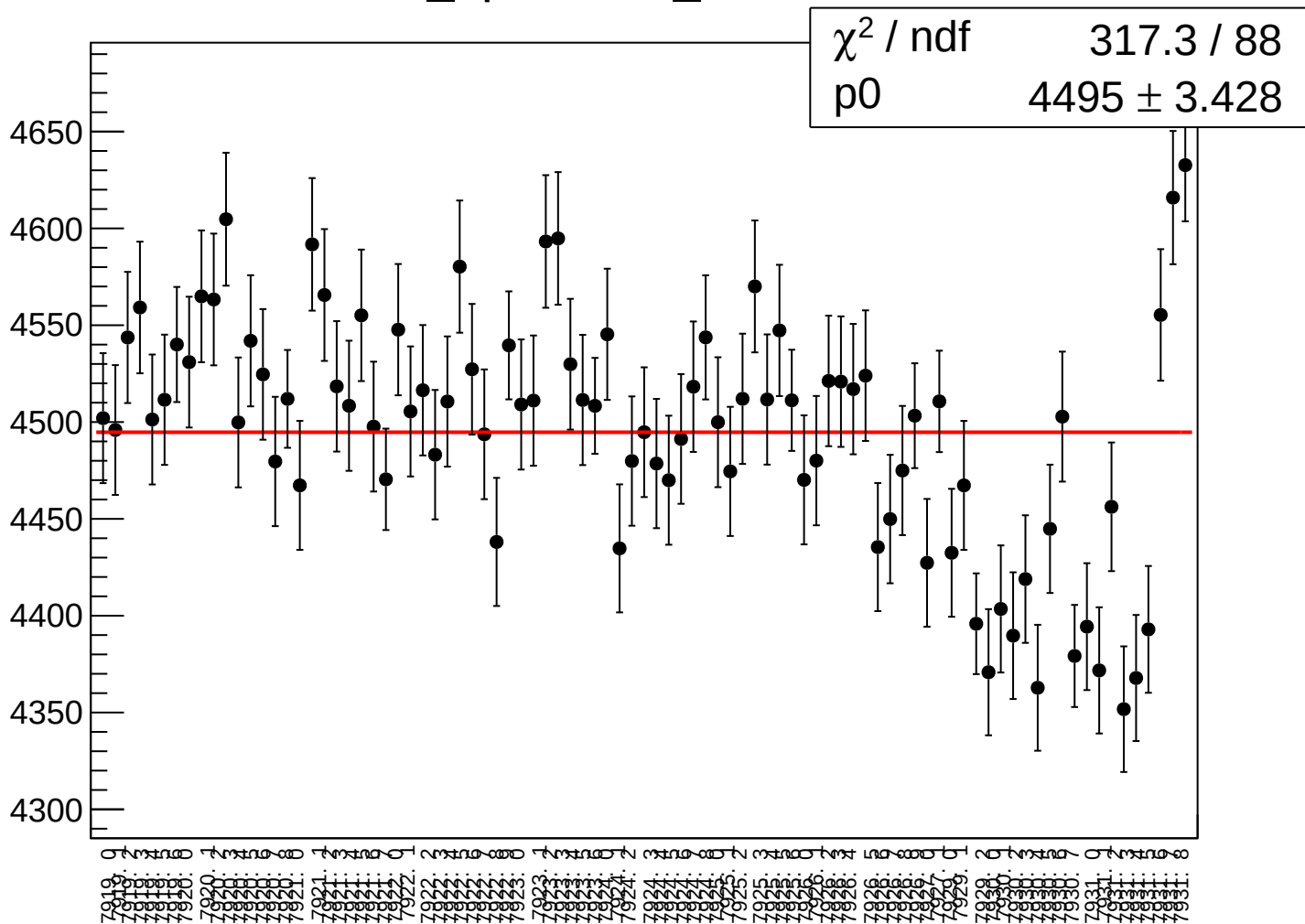
diff_bpm0l09X_rms vs run



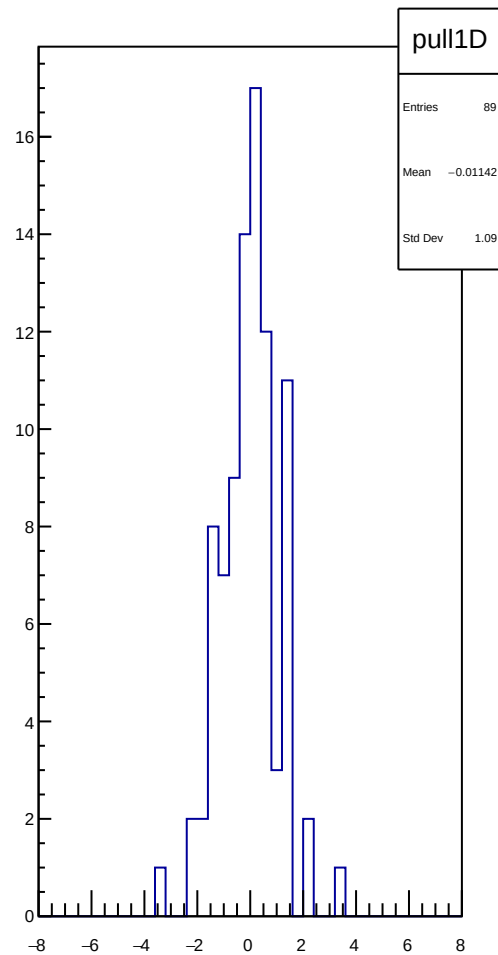
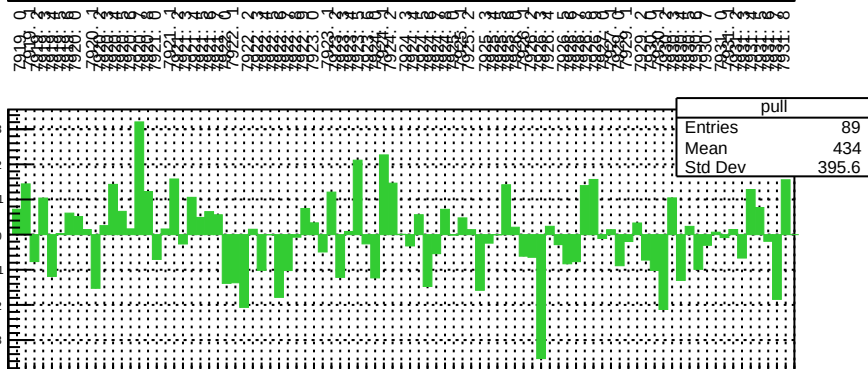
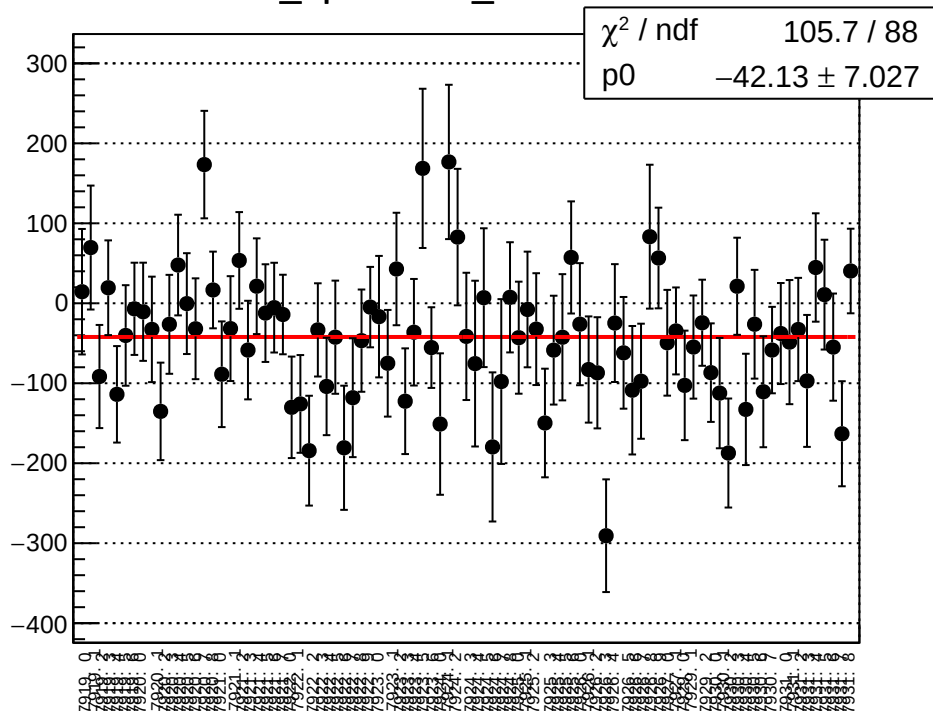
diff_bpm0l09Y_mean vs run



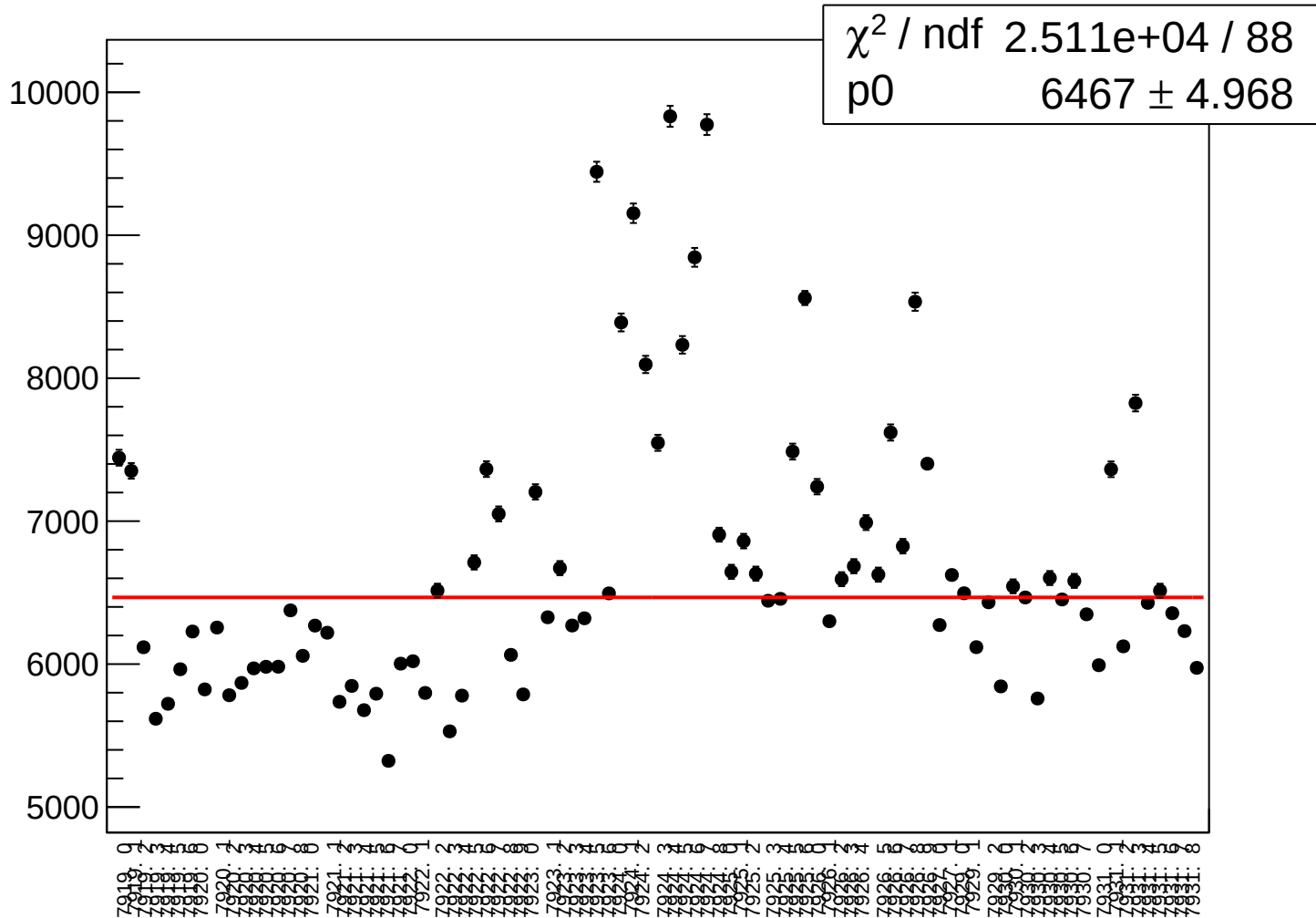
diff_bpm0l09Y_rms vs run



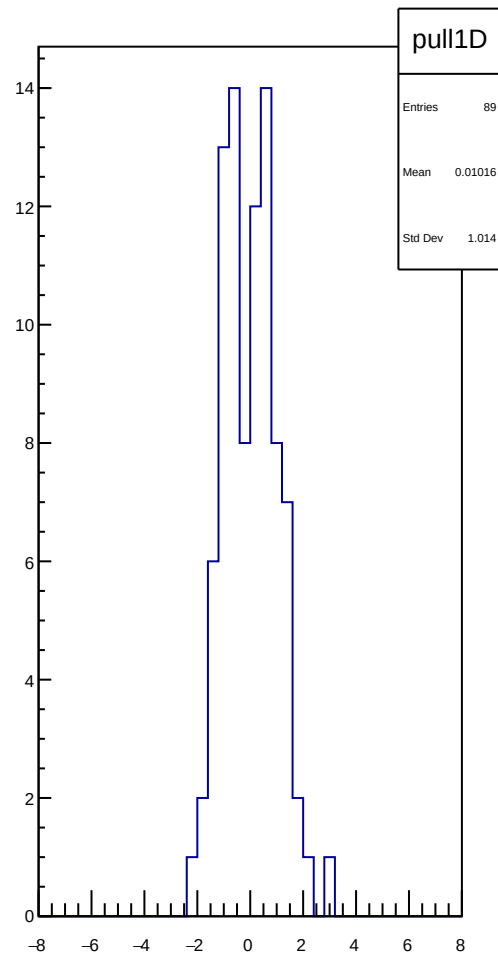
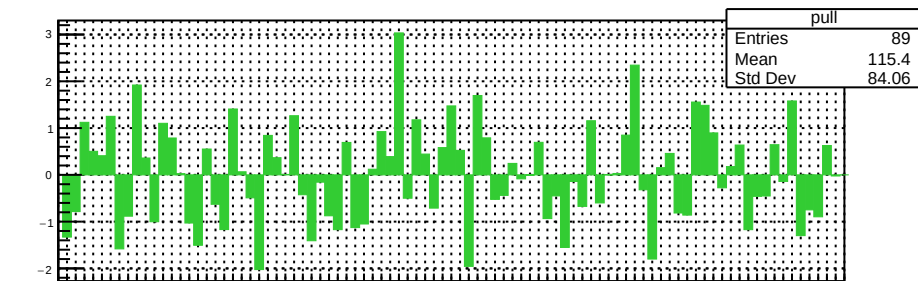
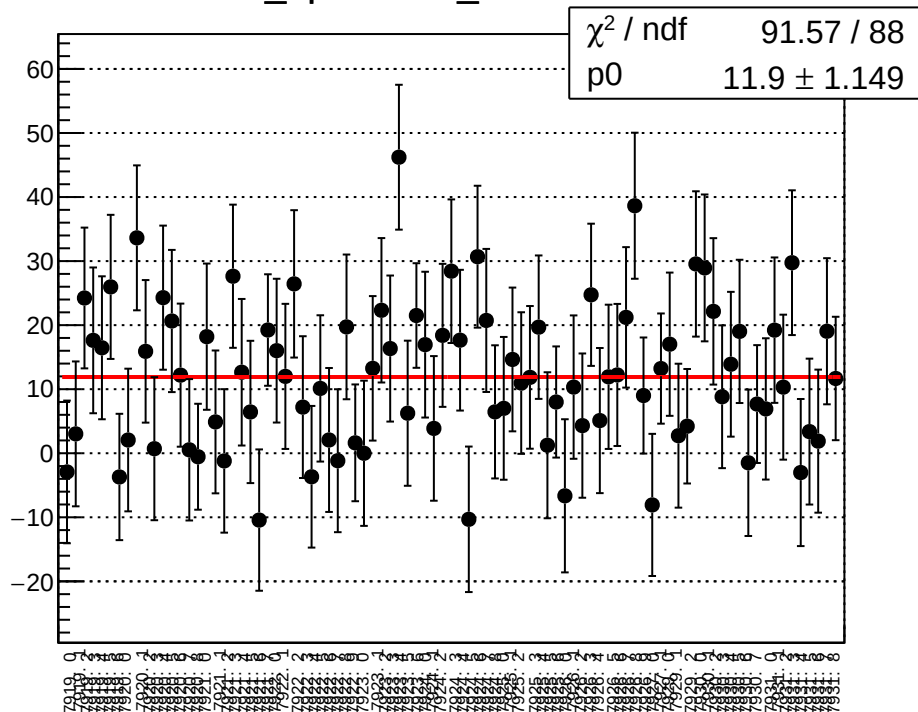
diff_bpm0l10X_mean vs run



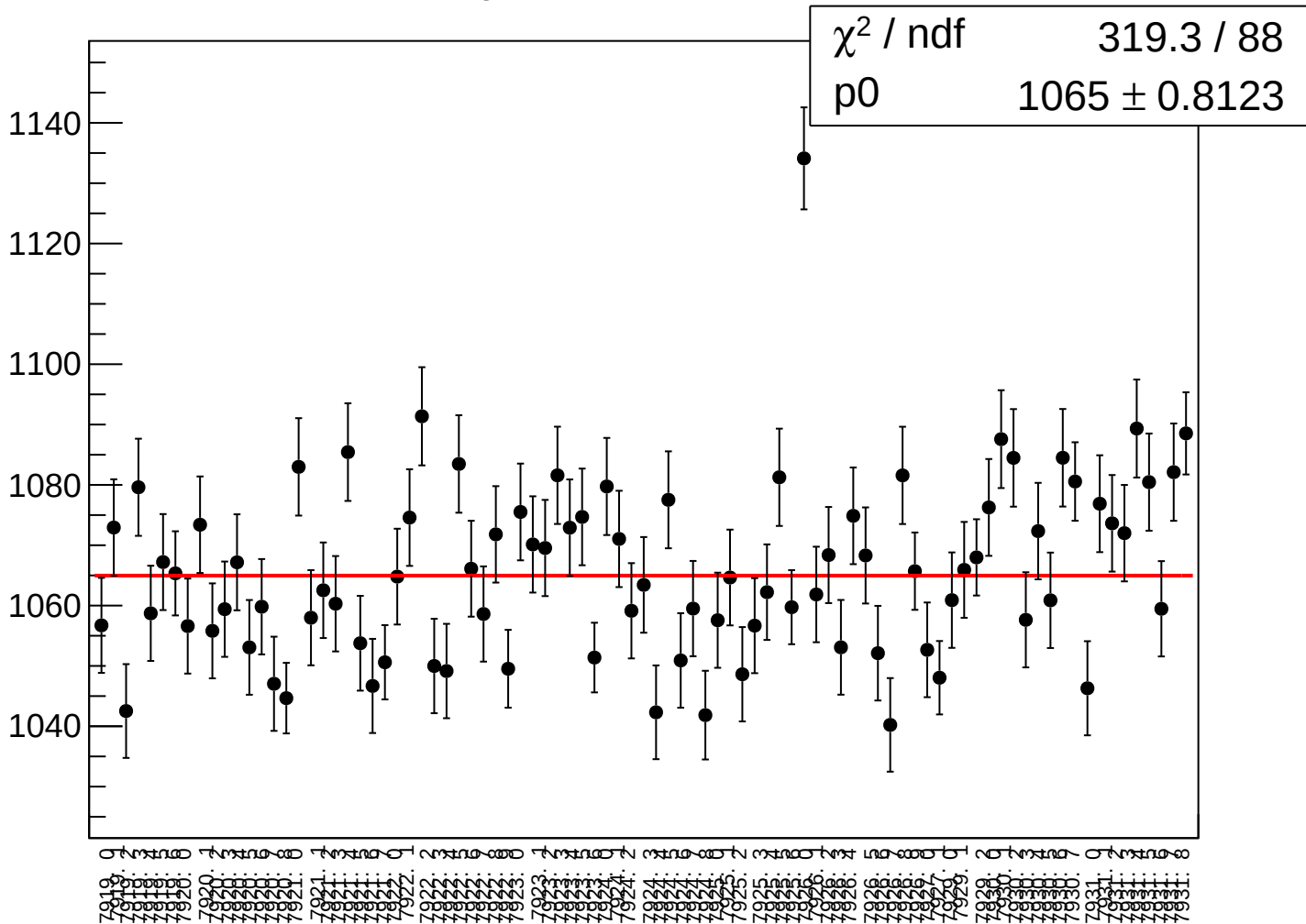
diff_bpm0l10X_rms vs run



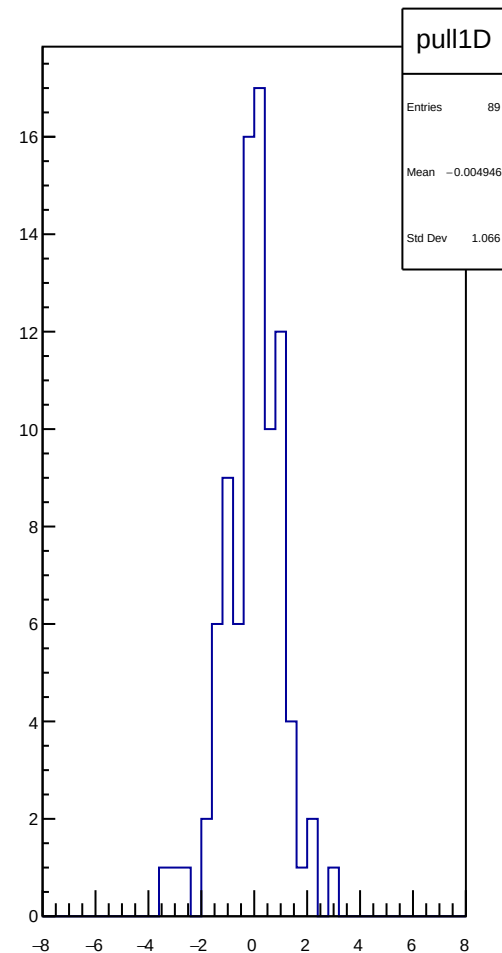
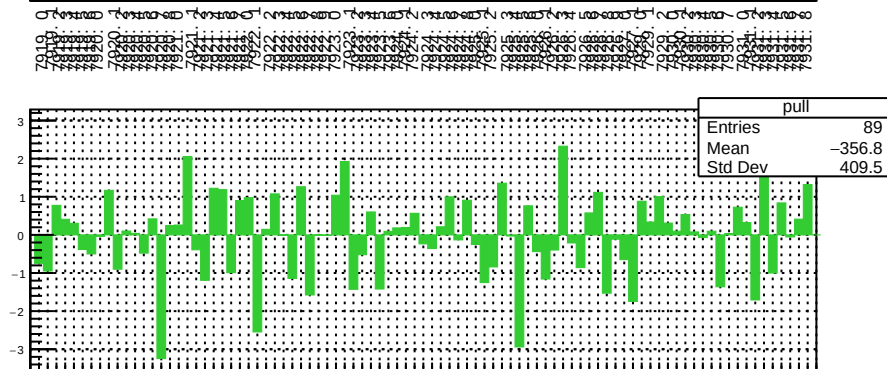
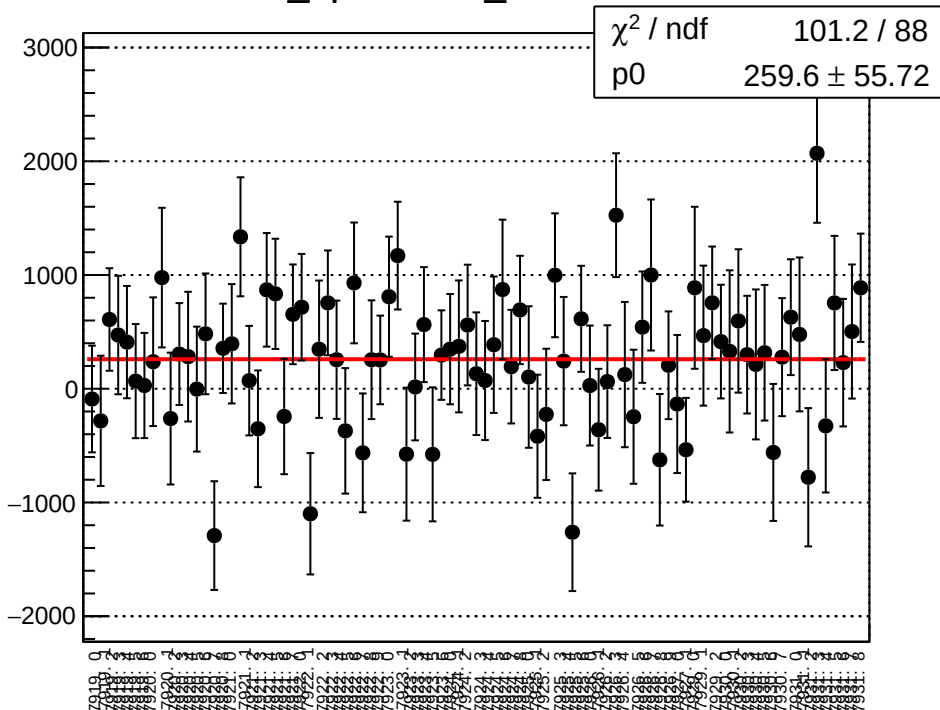
diff_bpm0l10Y_mean vs run



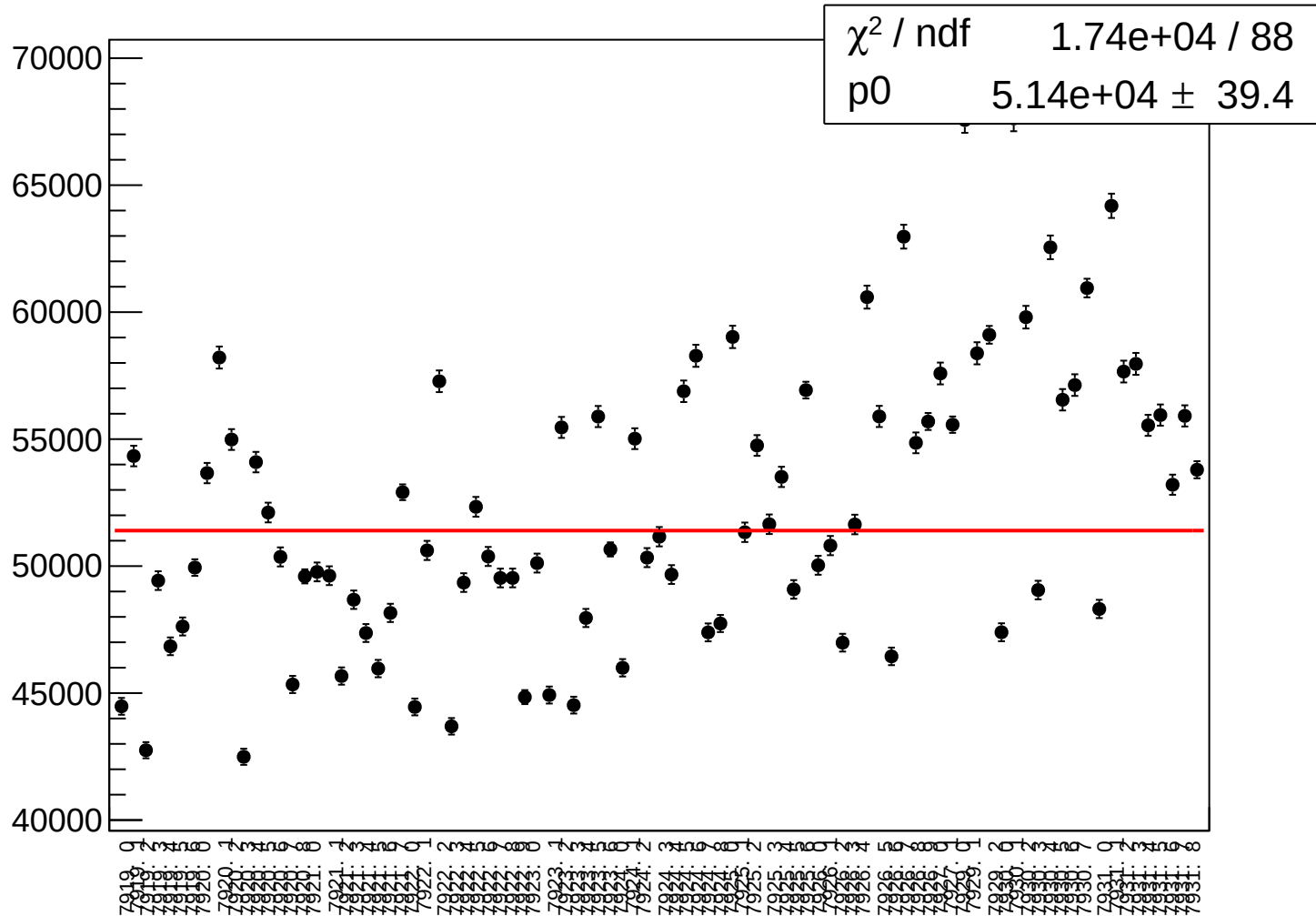
diff_bpm0l10Y_rms vs run



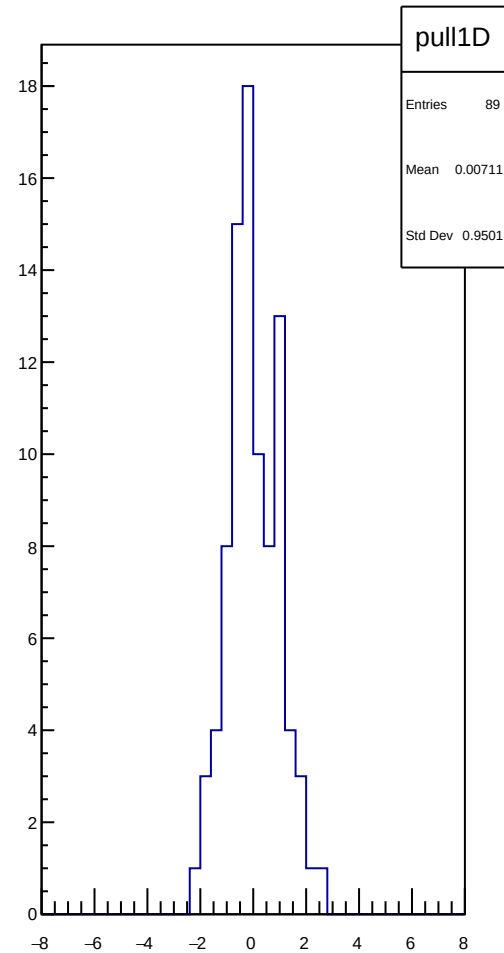
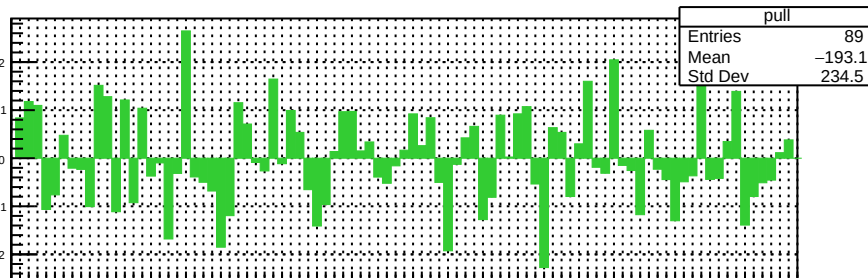
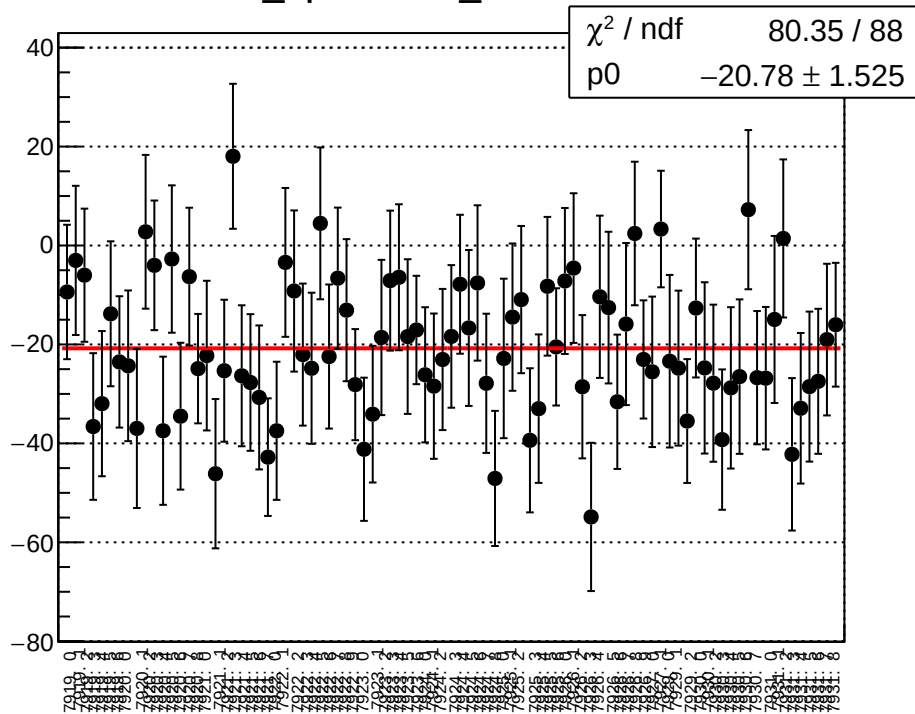
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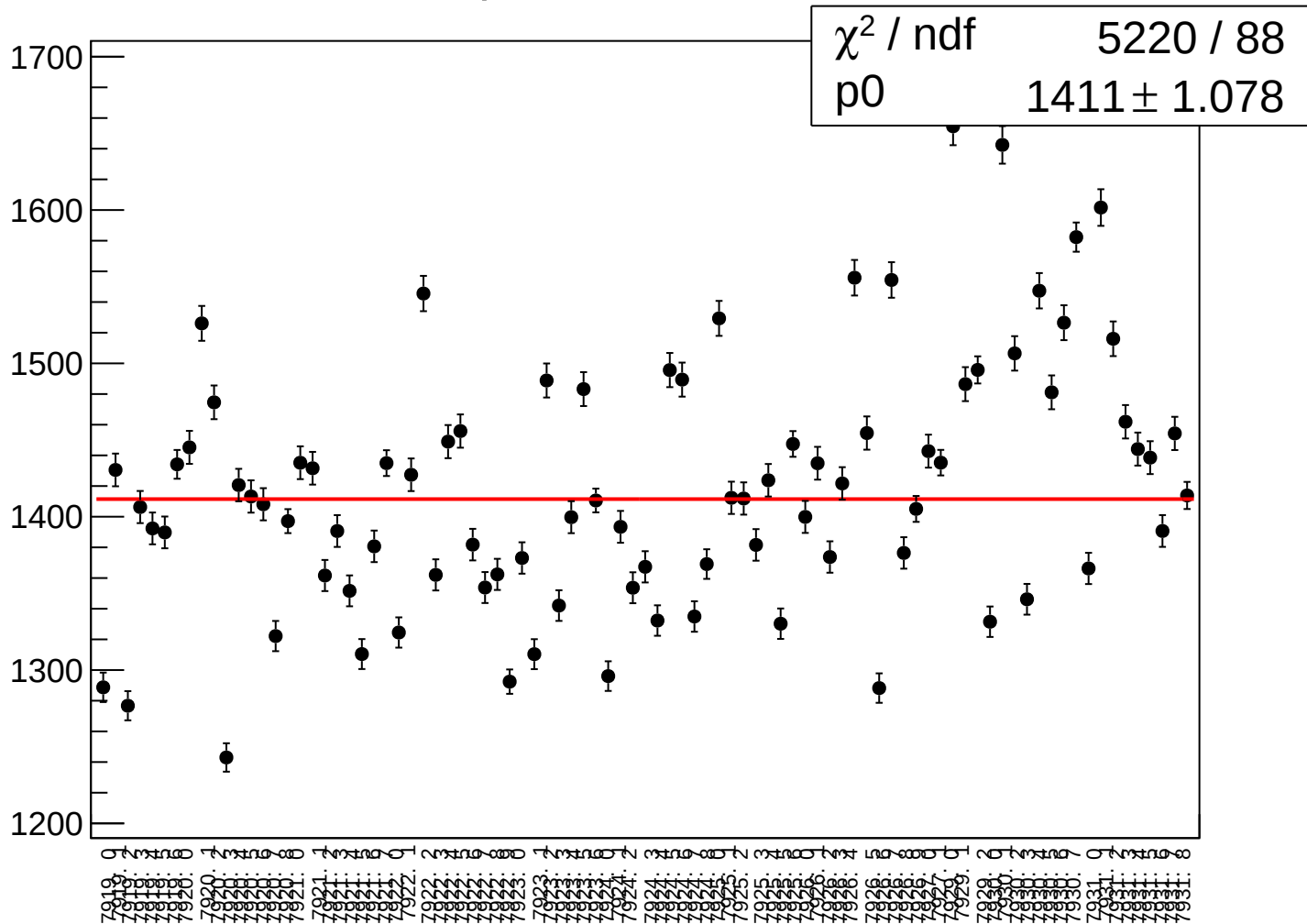
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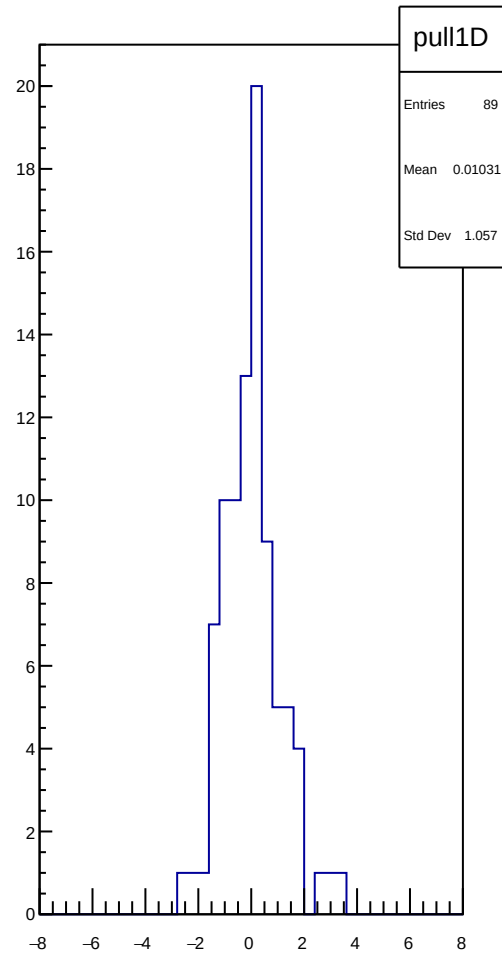
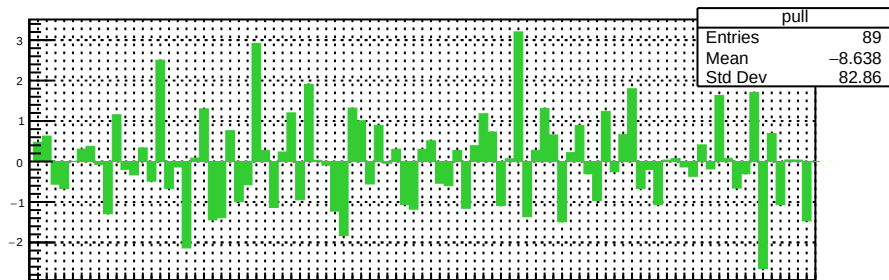
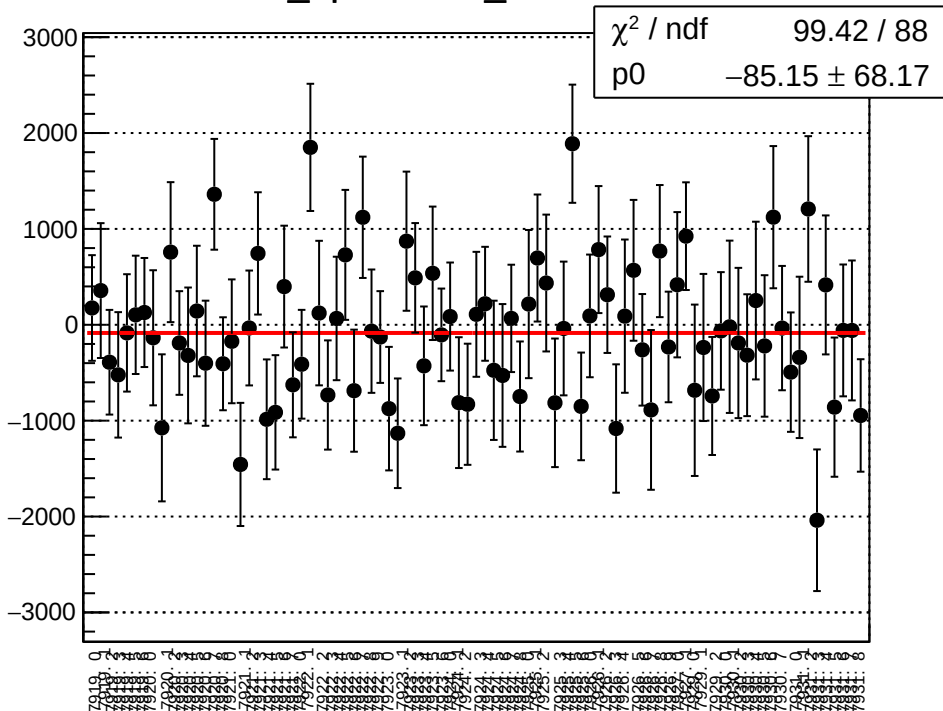
diff_bpm0r03Y_mean vs run



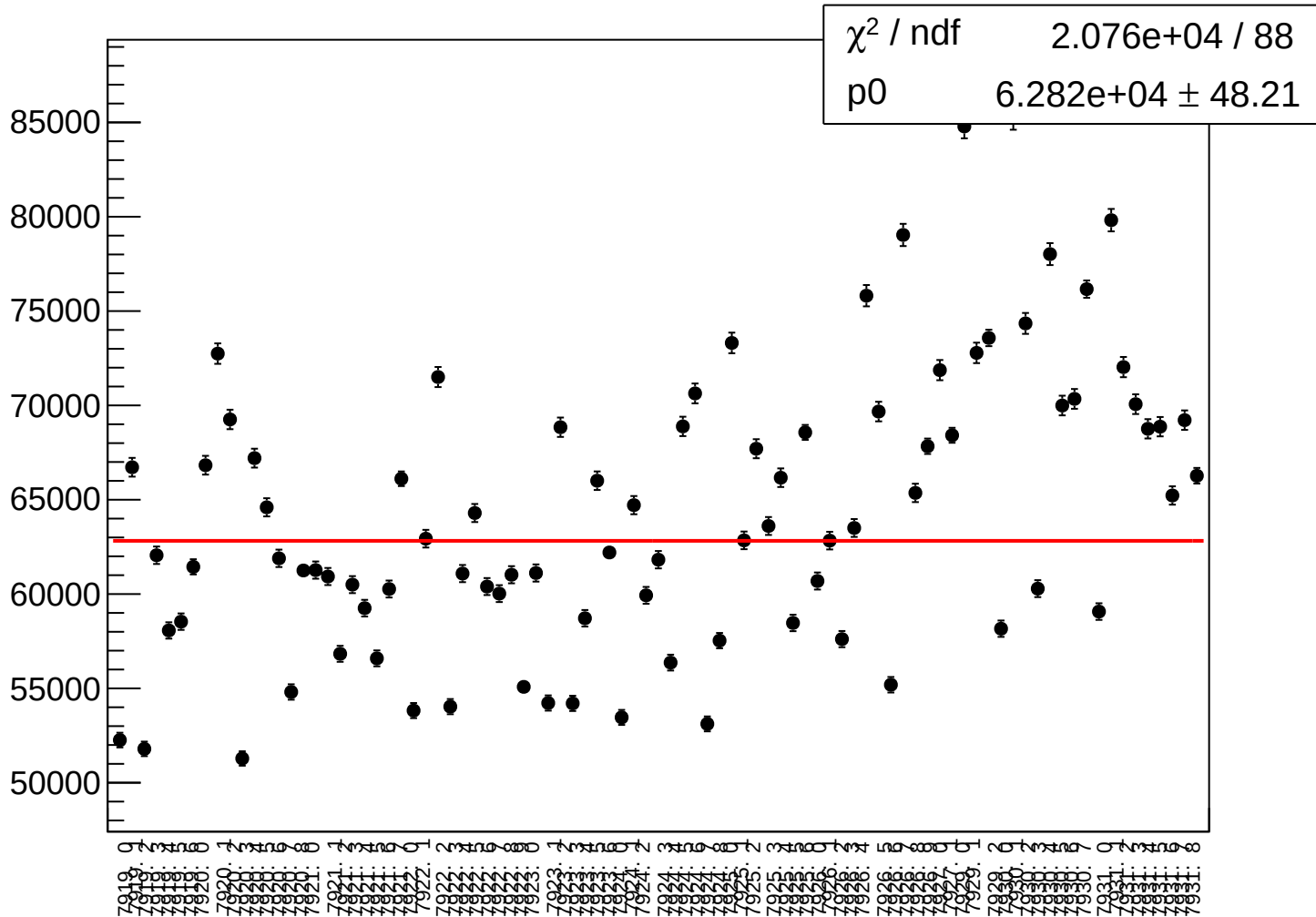
diff_bpm0r03Y_rms vs run



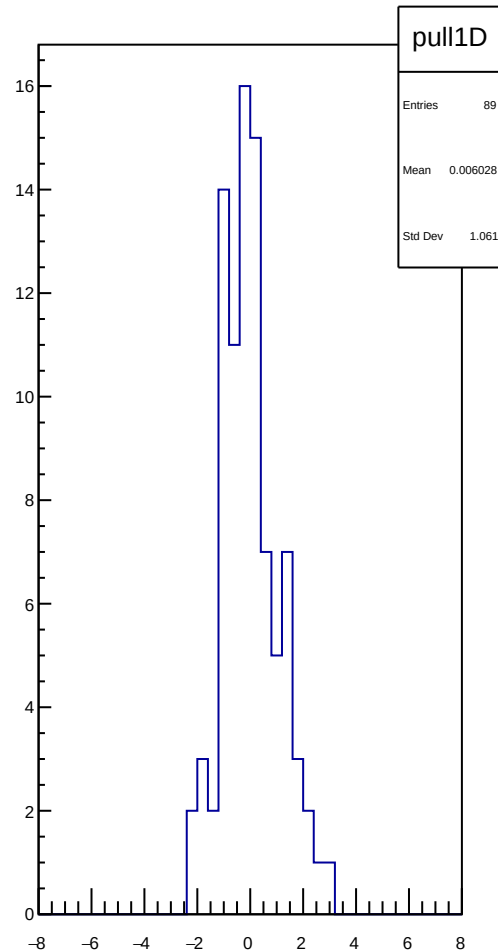
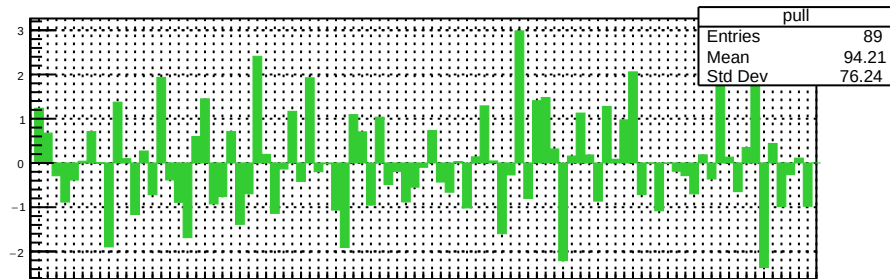
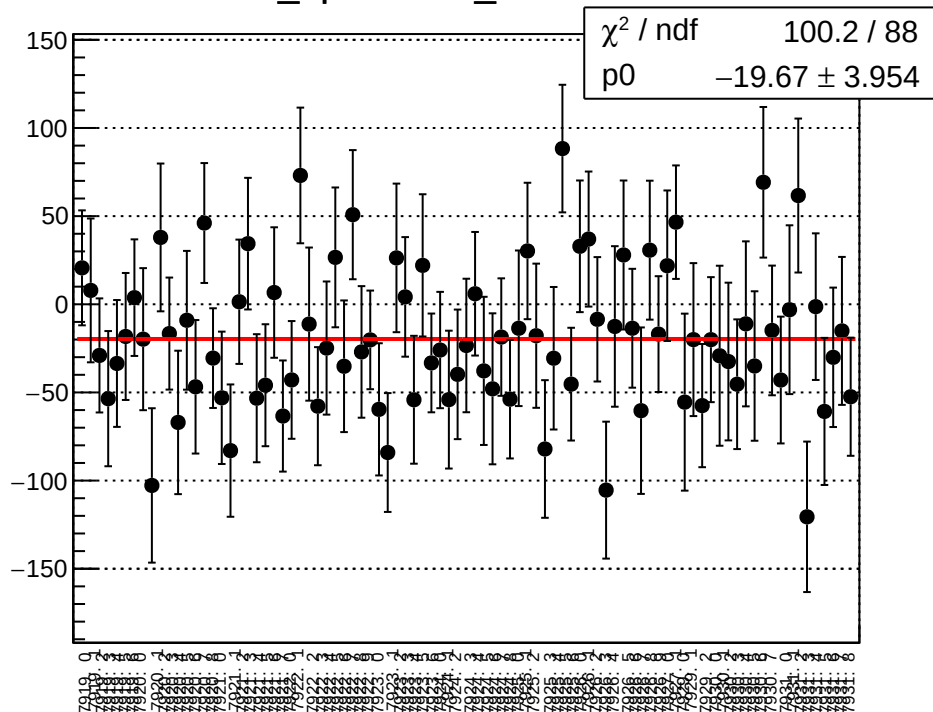
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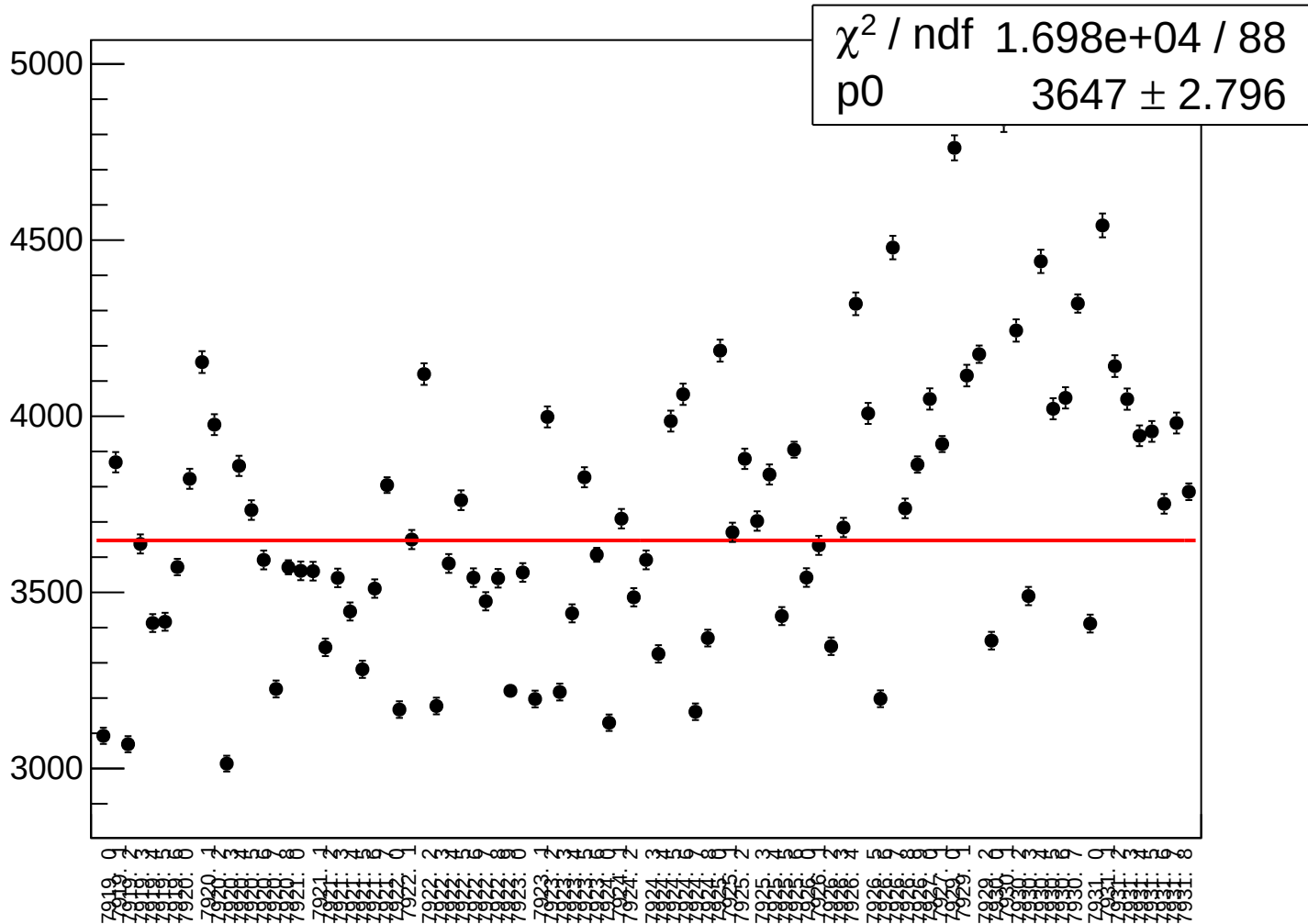
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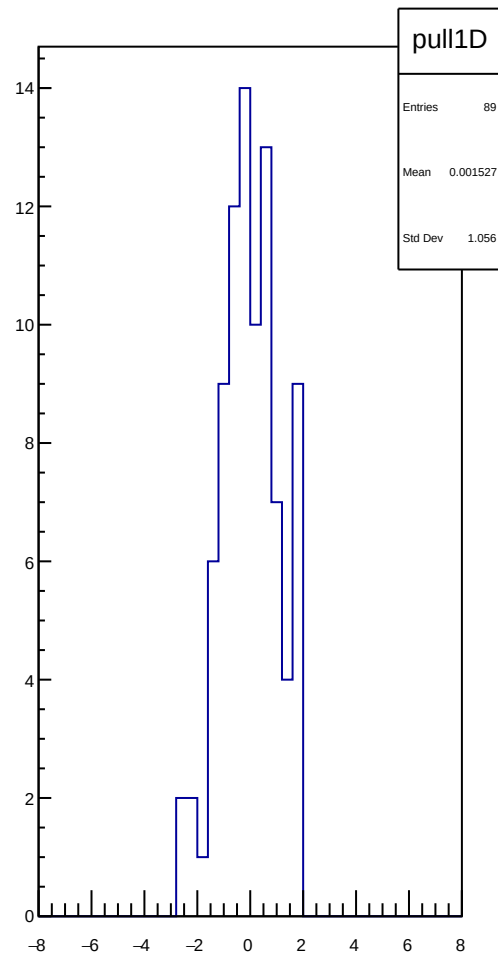
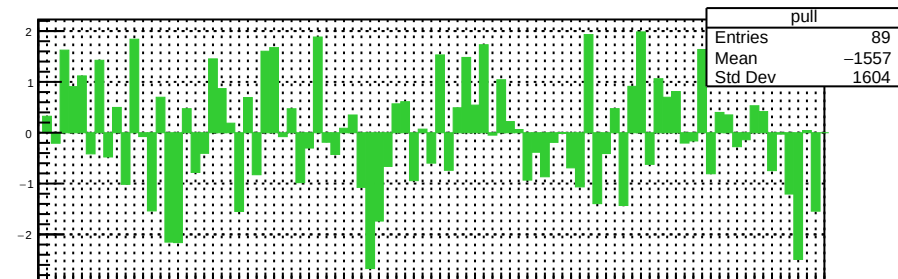
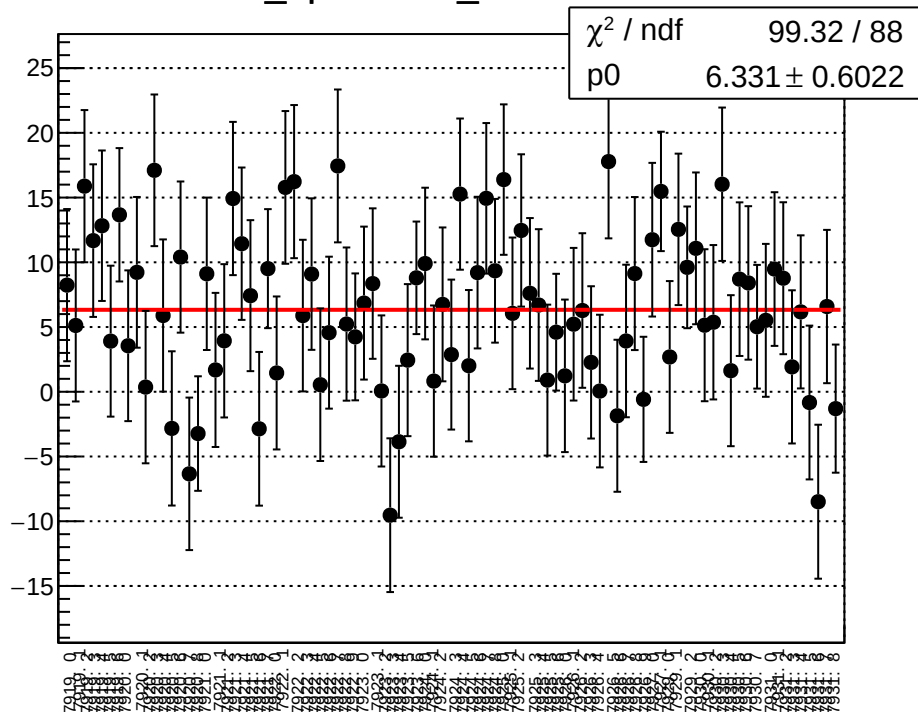
diff_bpm0r05Y_mean vs run



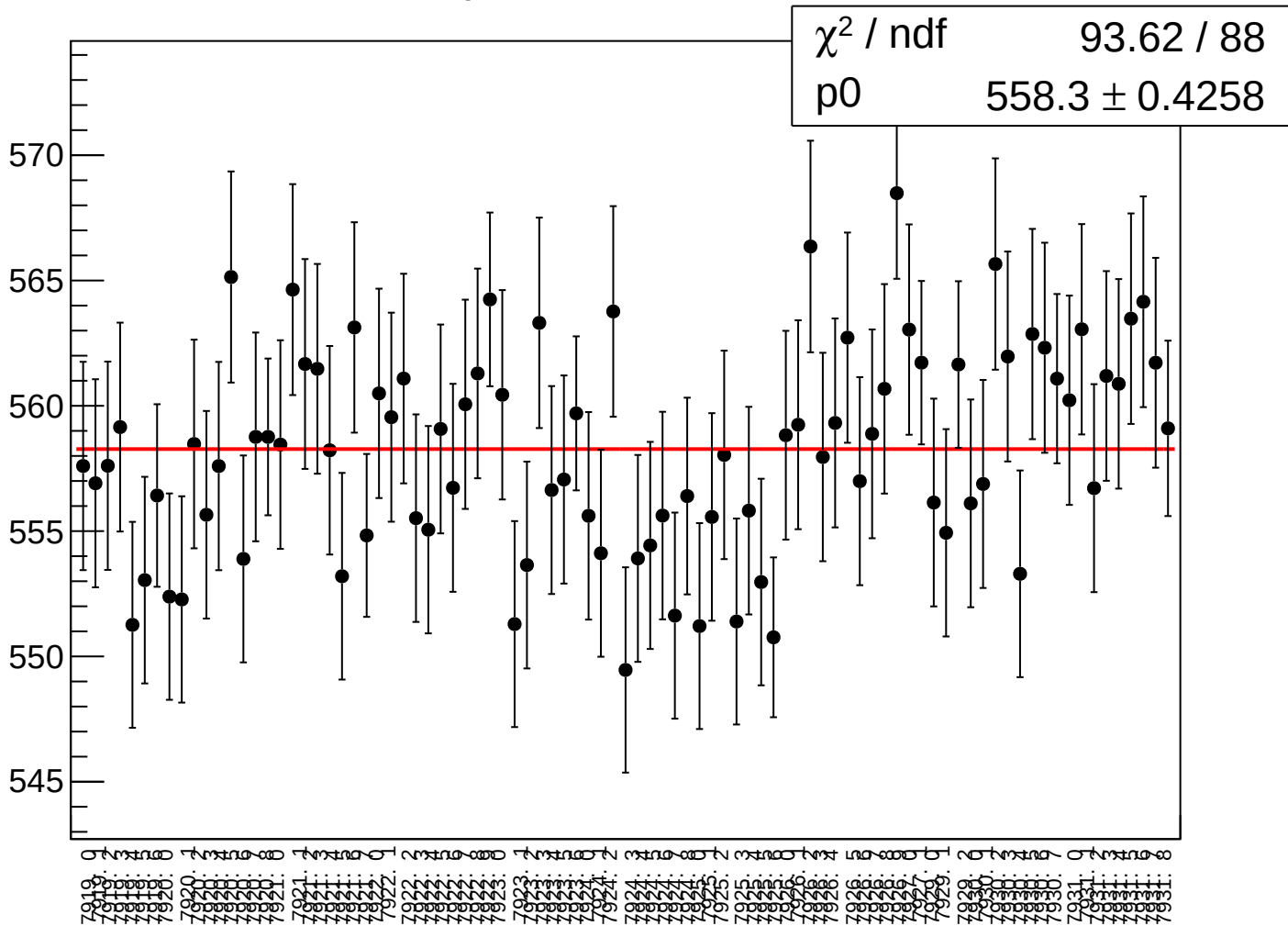
diff_bpm0r05Y_rms vs run



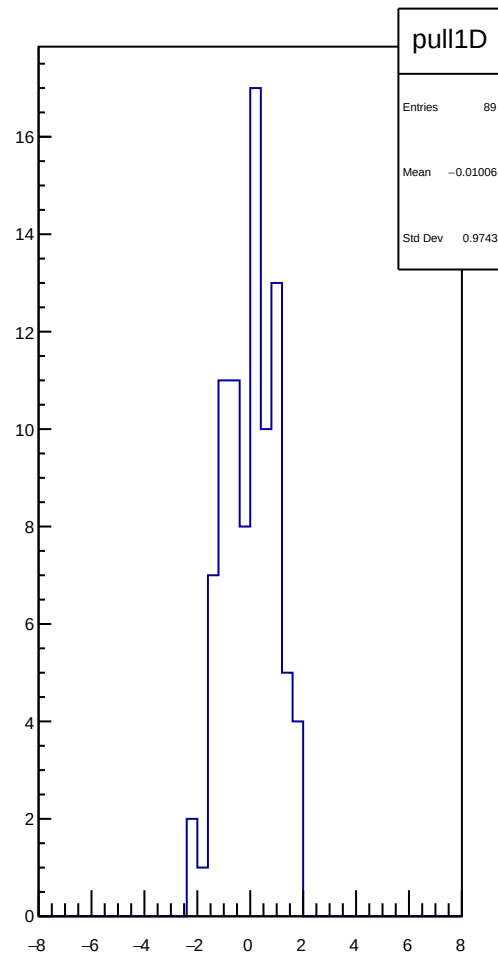
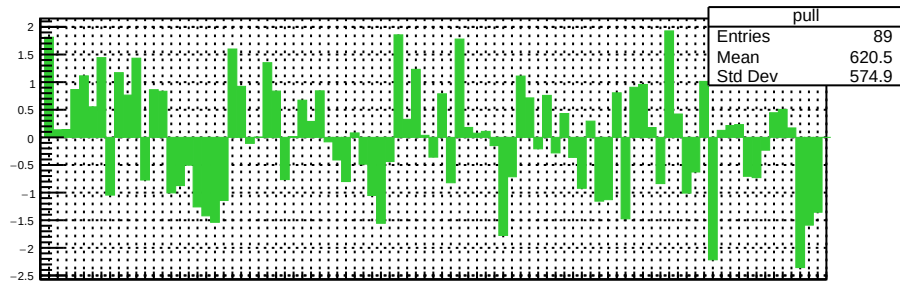
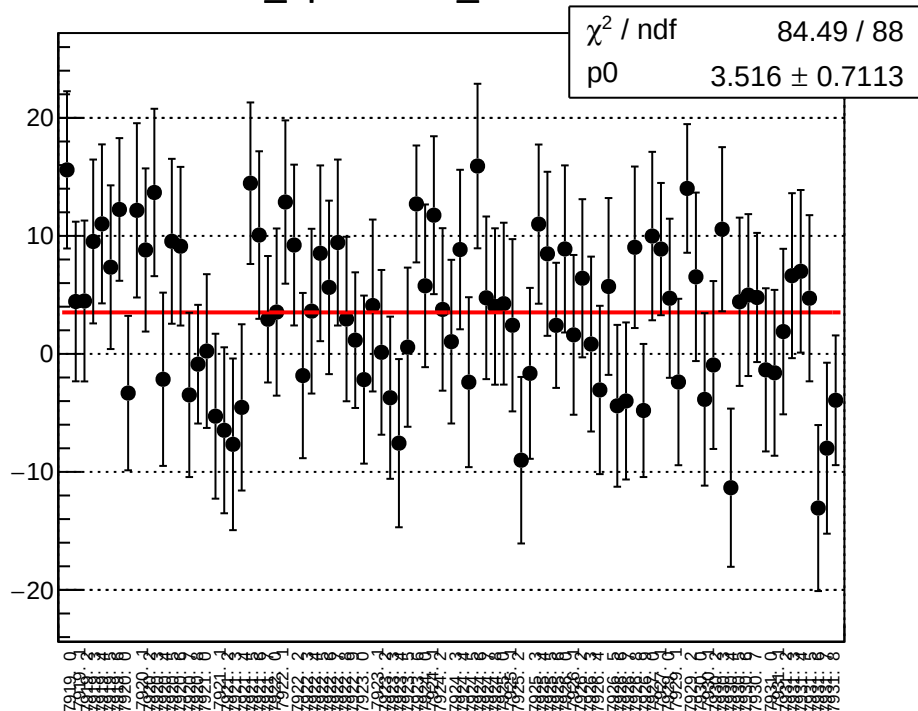
diff_bpm2i01X_mean vs run



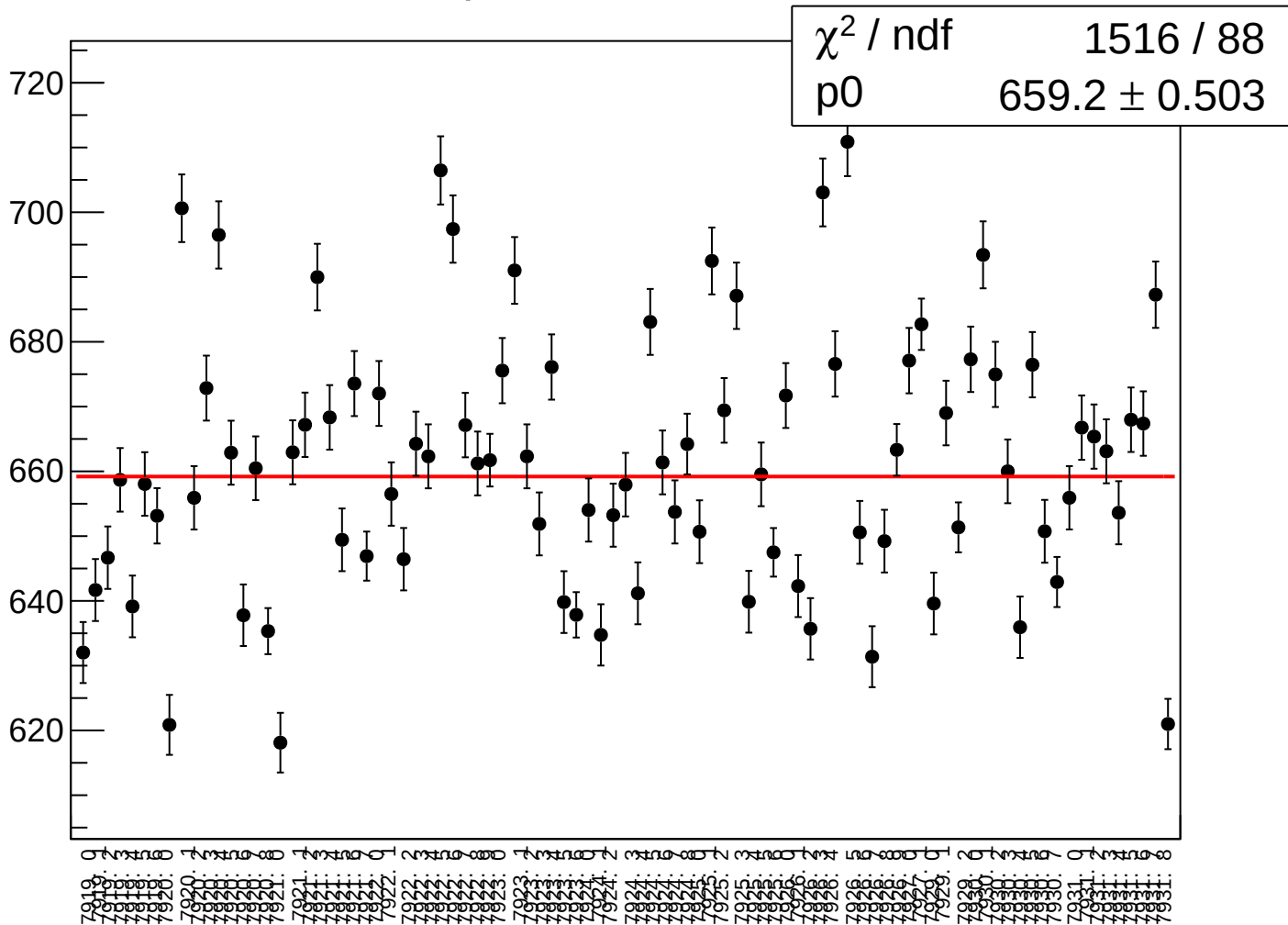
diff_bpm2i01X_rms vs run



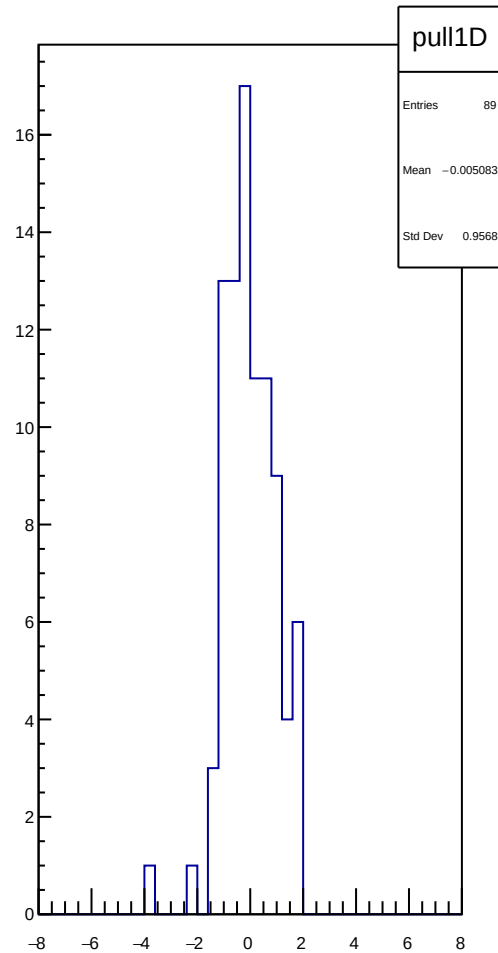
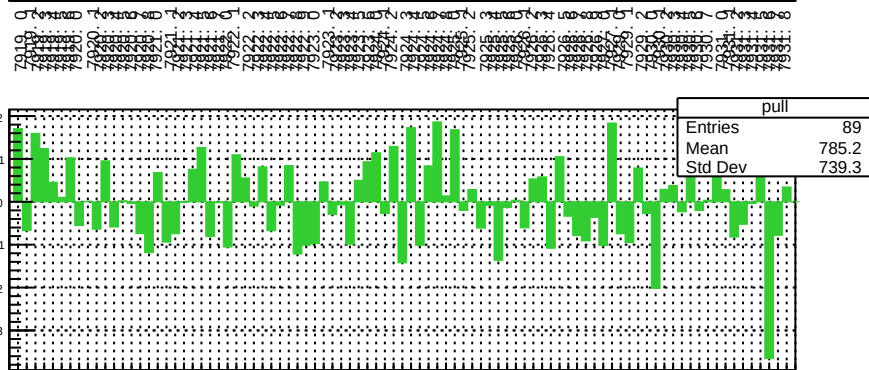
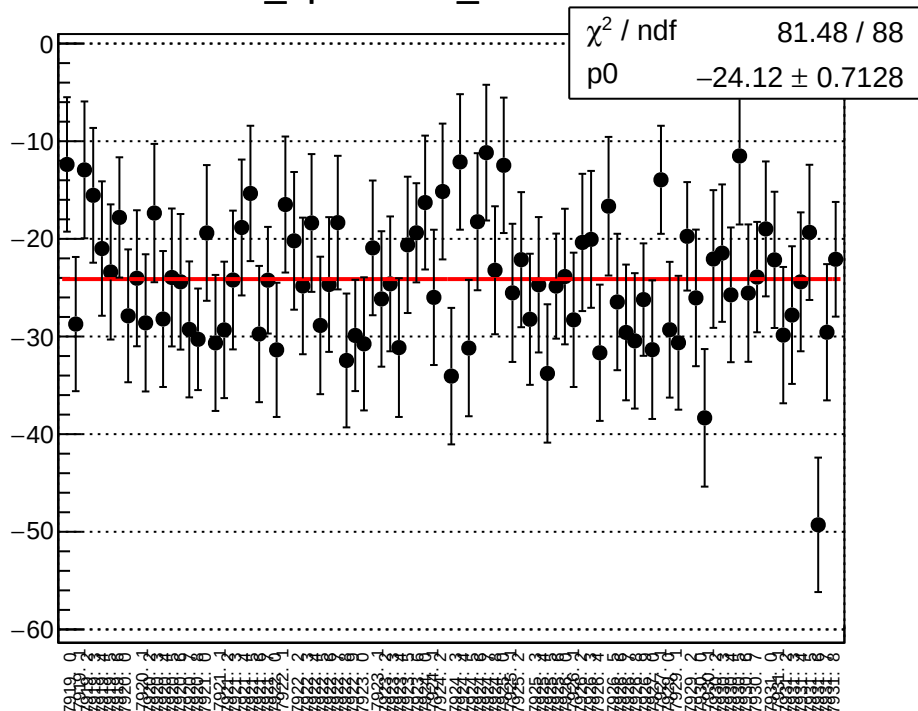
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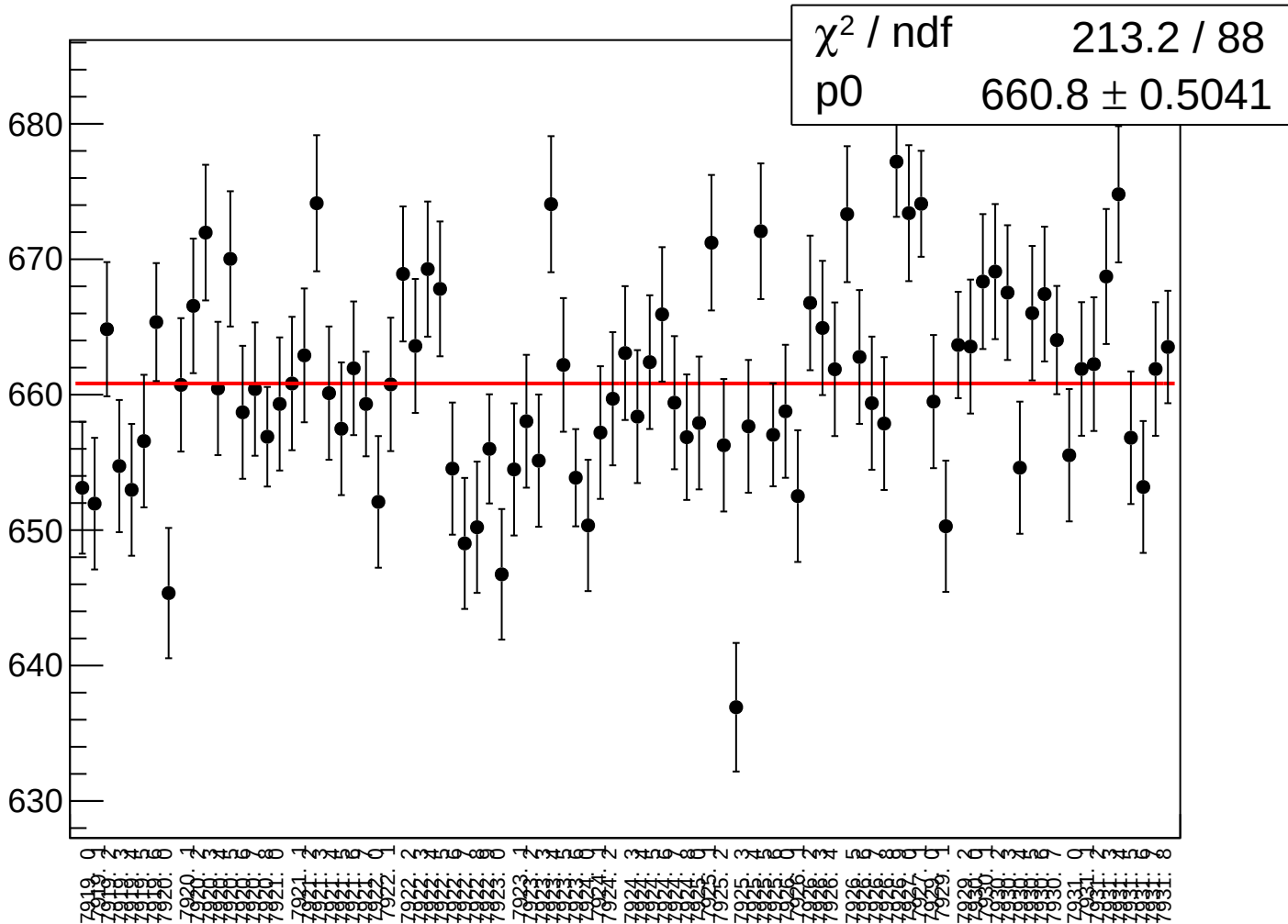
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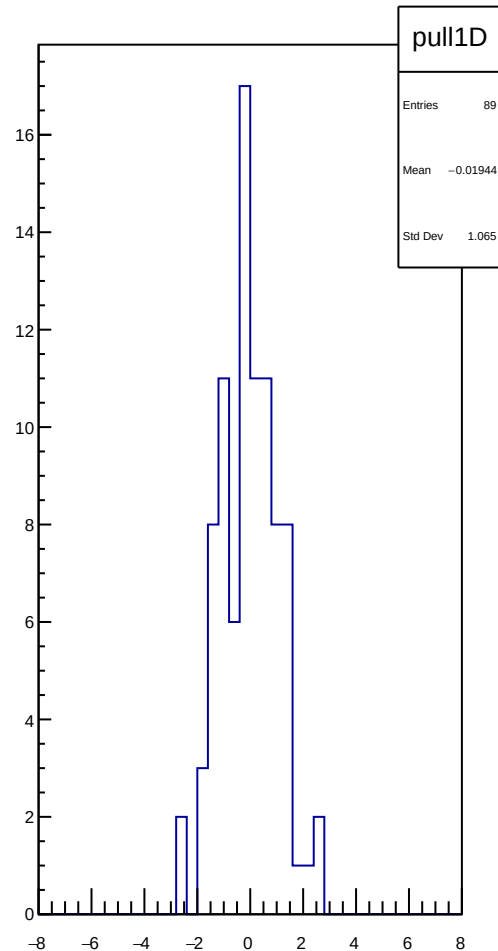
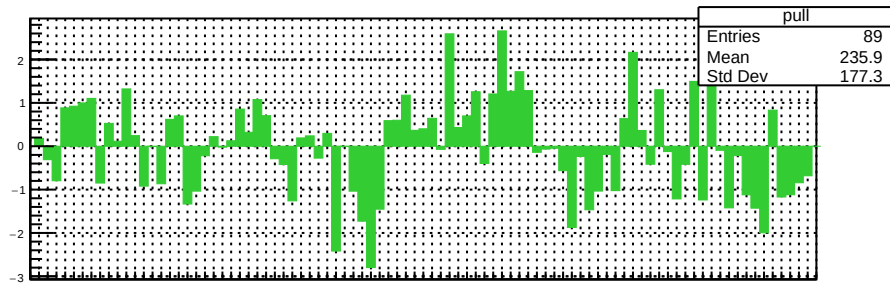
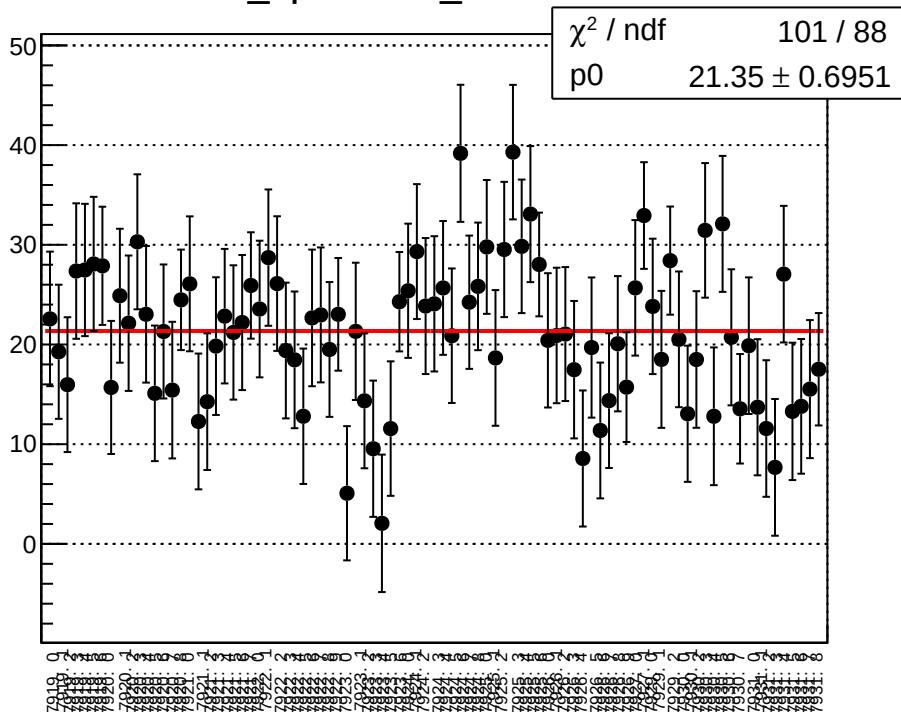
diff_bpm2i02X_mean vs run



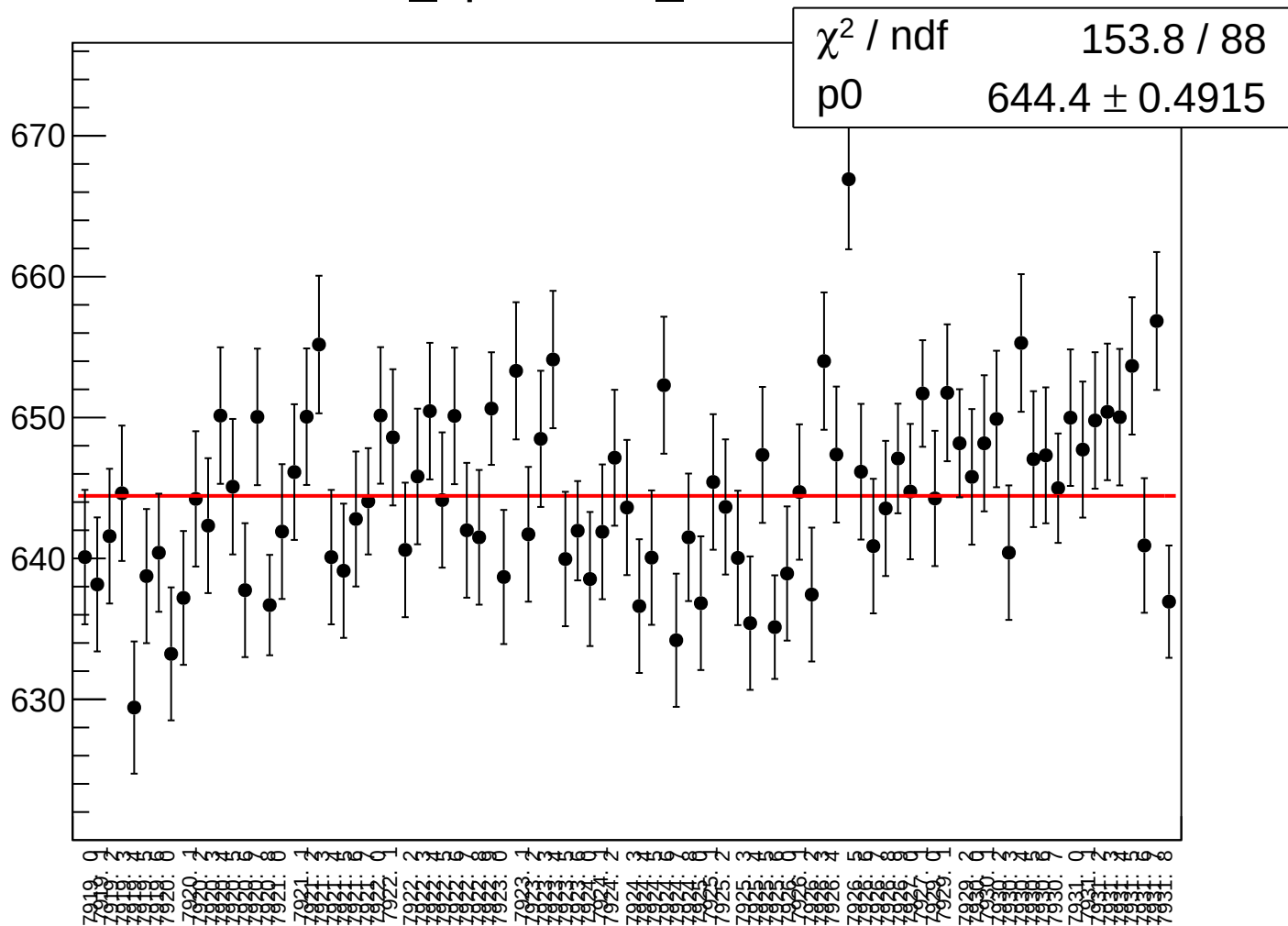
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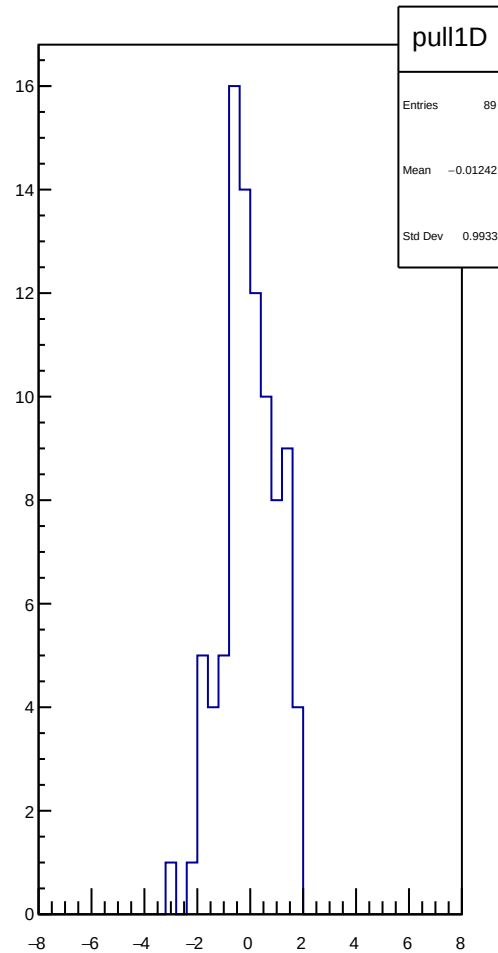
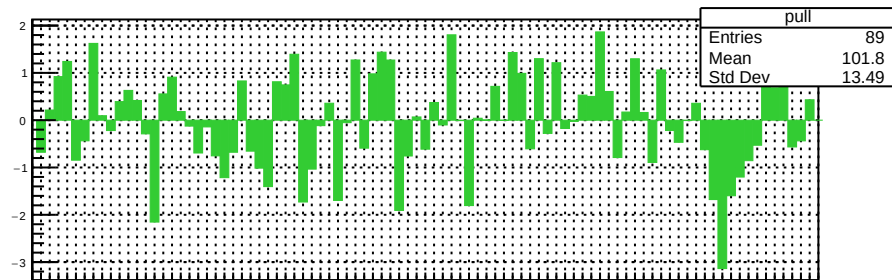
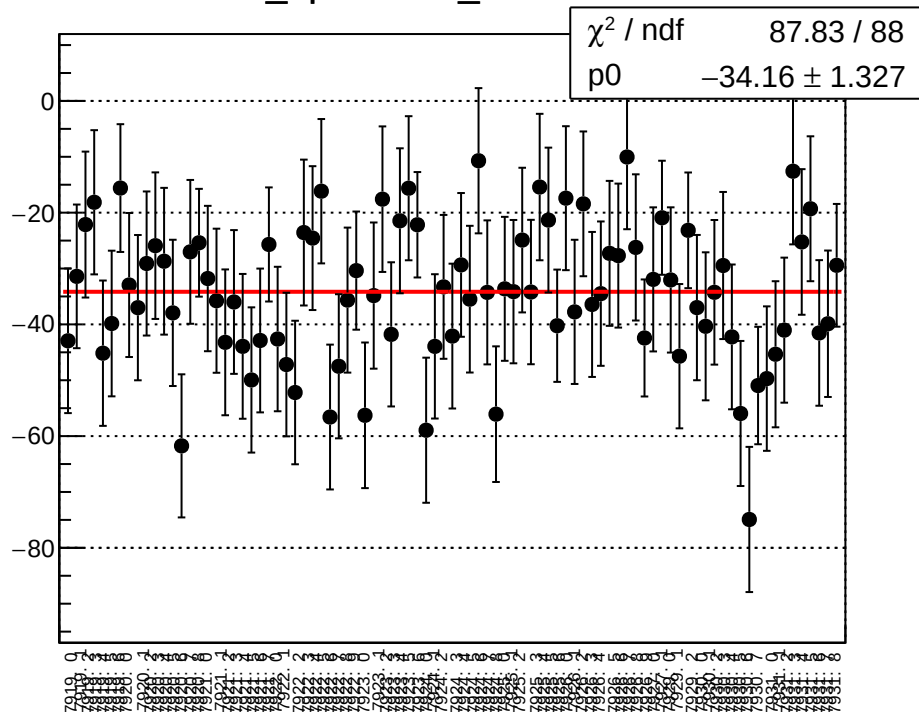
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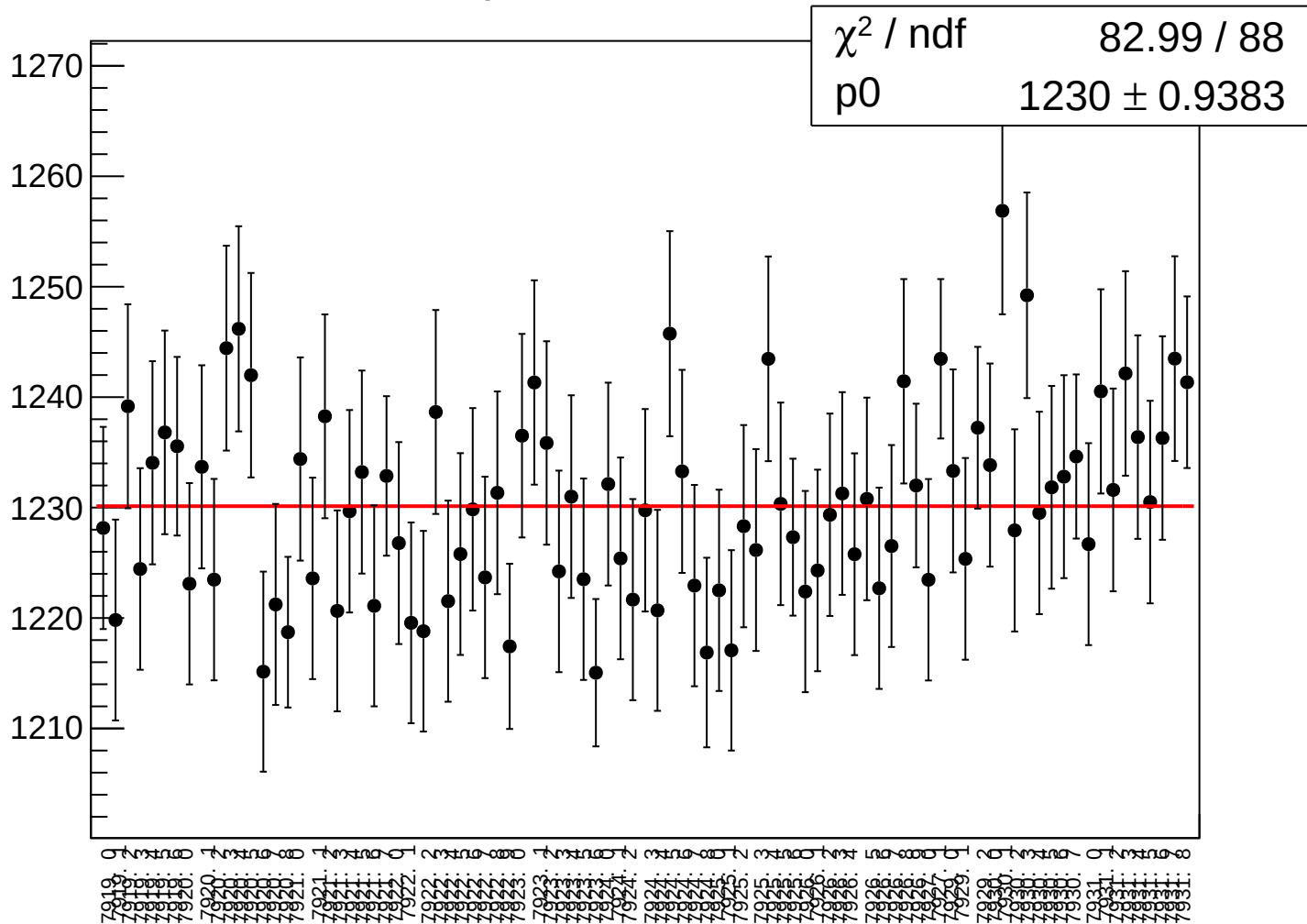
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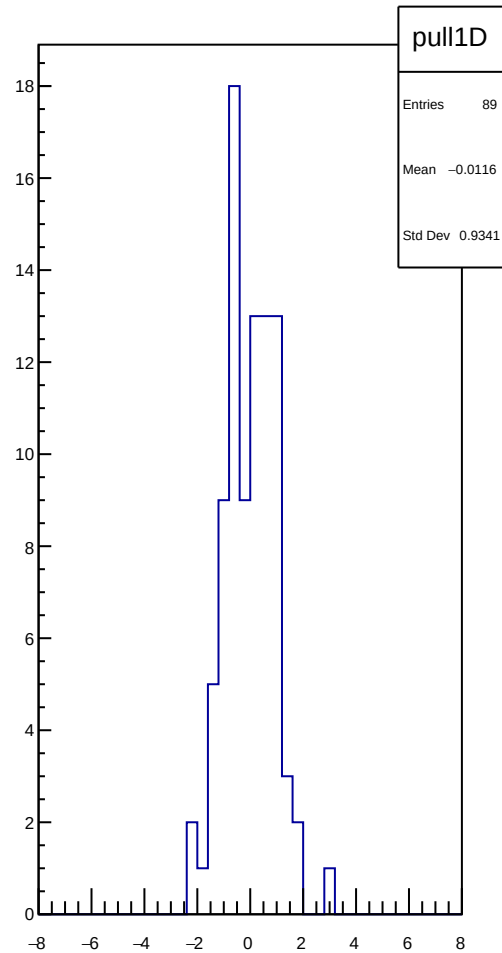
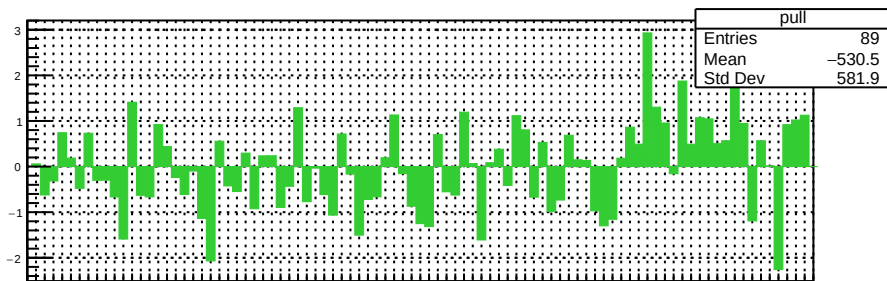
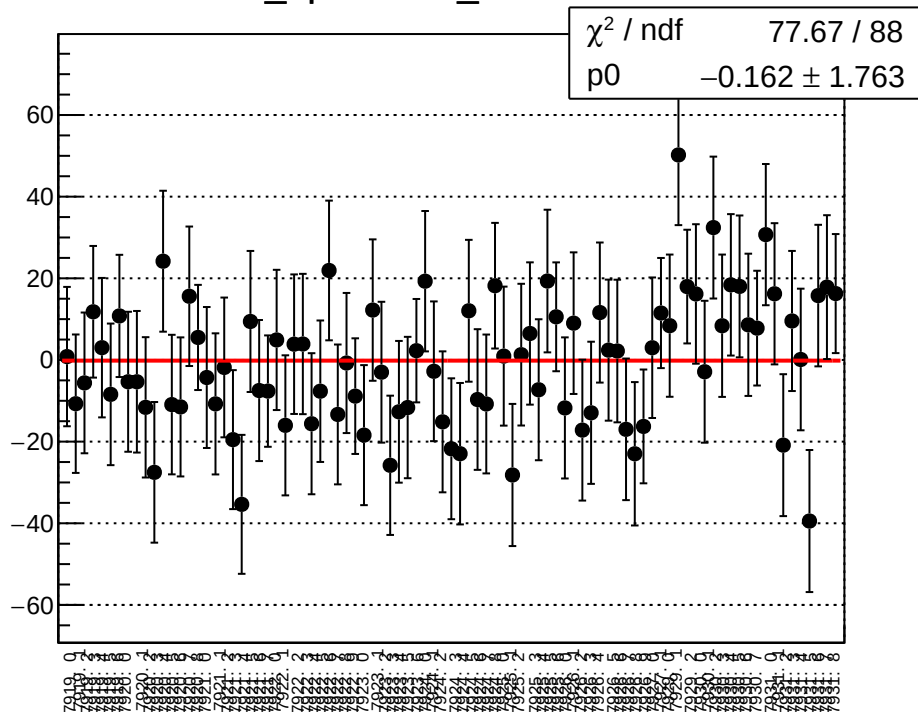
diff_bpm0i02X_mean vs run



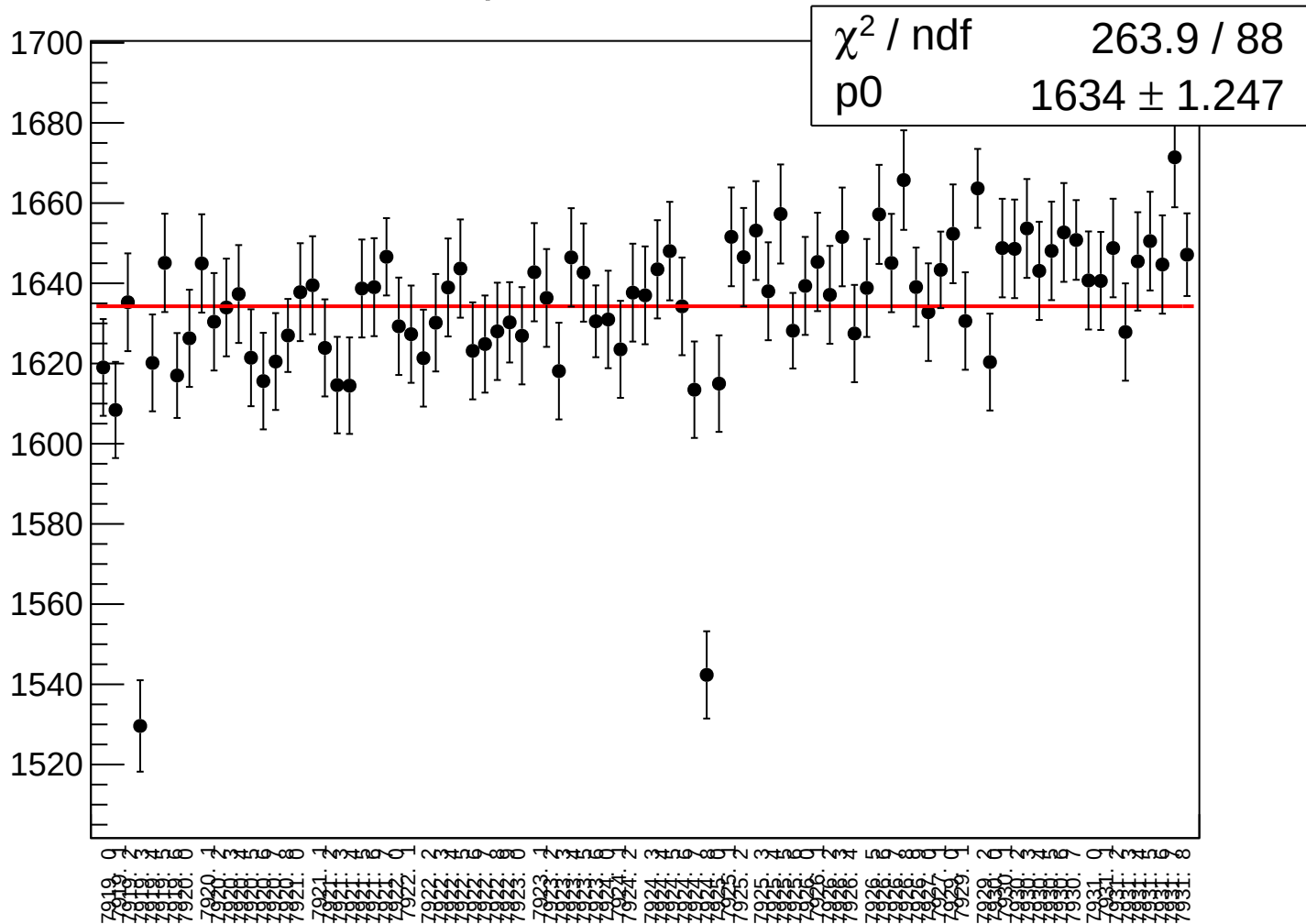
diff_bpm0i02X_rms vs run



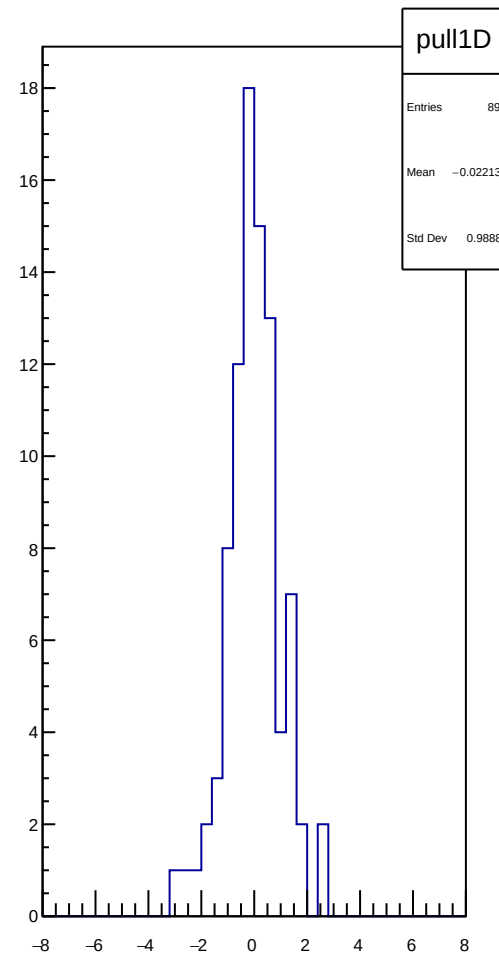
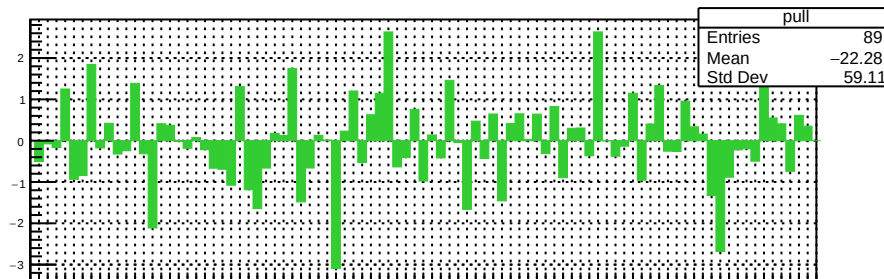
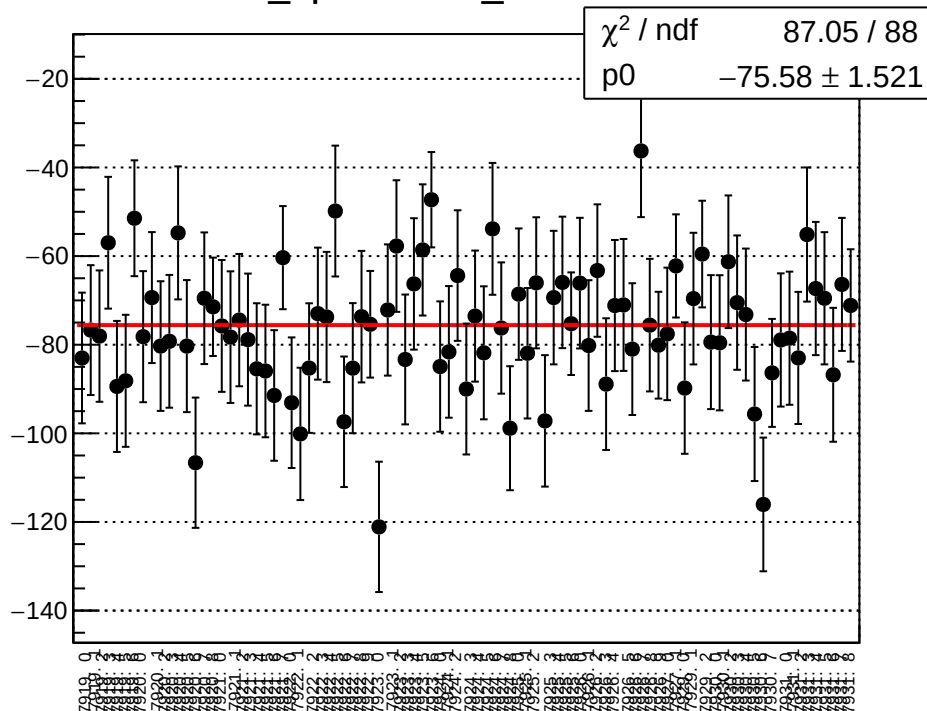
diff_bpm0i02Y_mean vs run



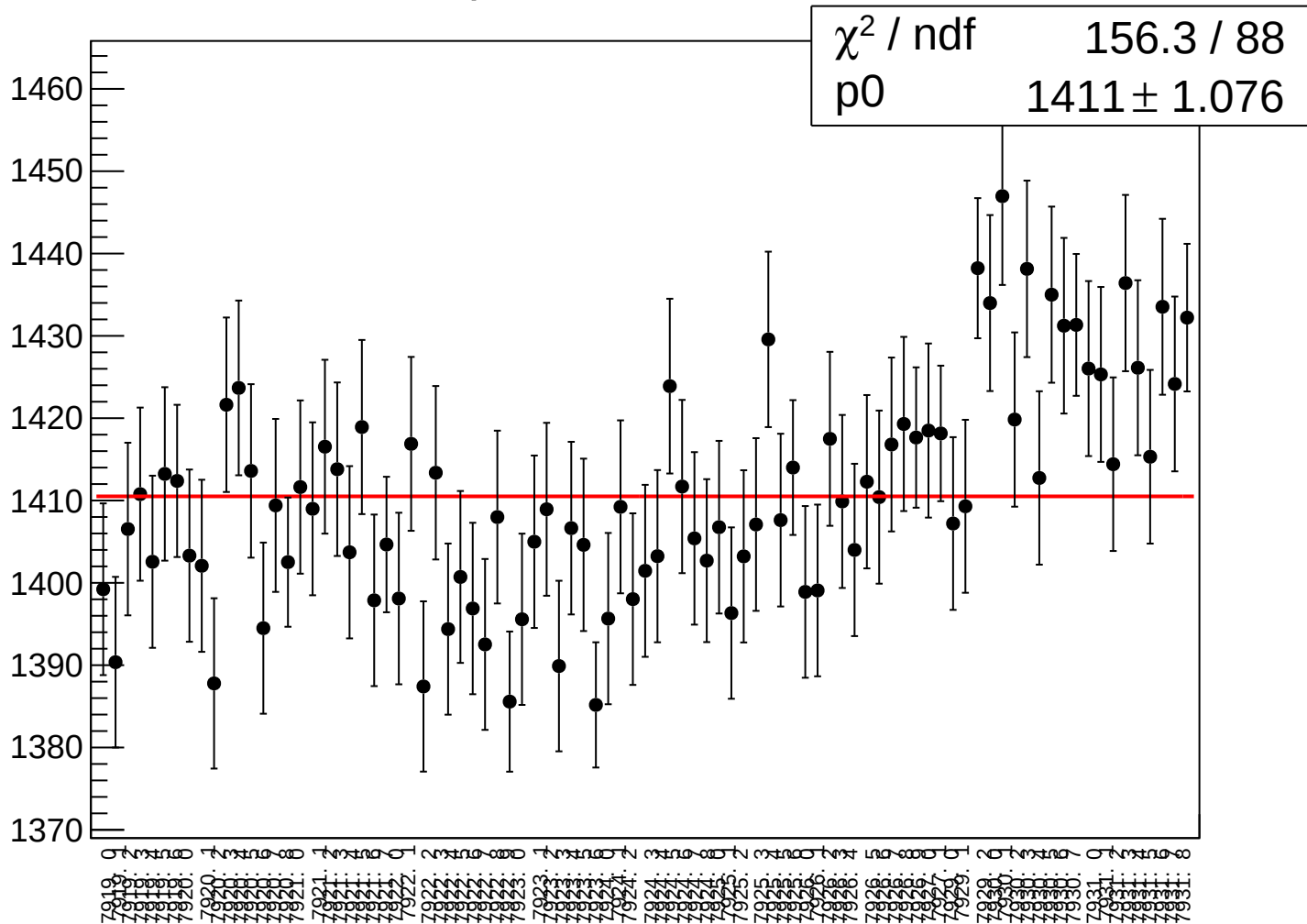
diff_bpm0i02Y_rms vs run



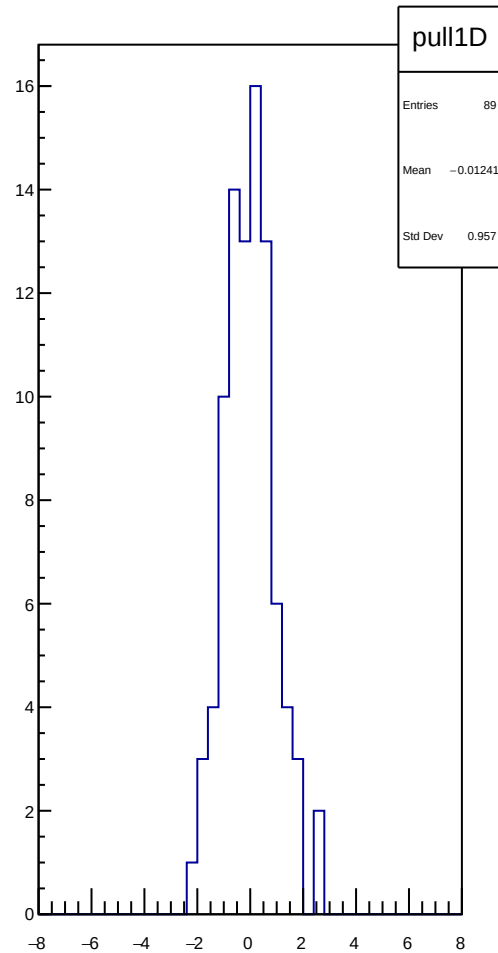
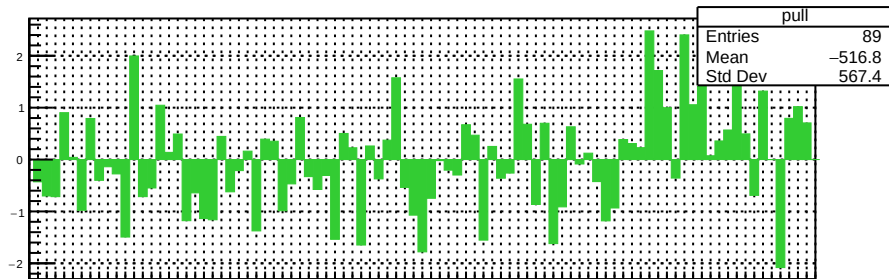
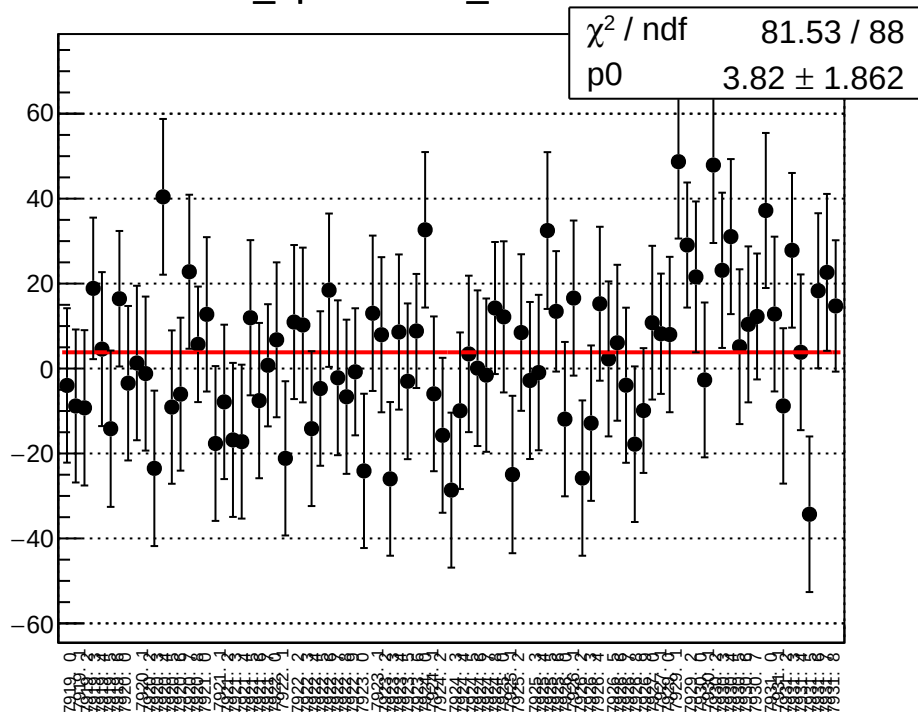
diff_bpm0i02aX_mean vs run



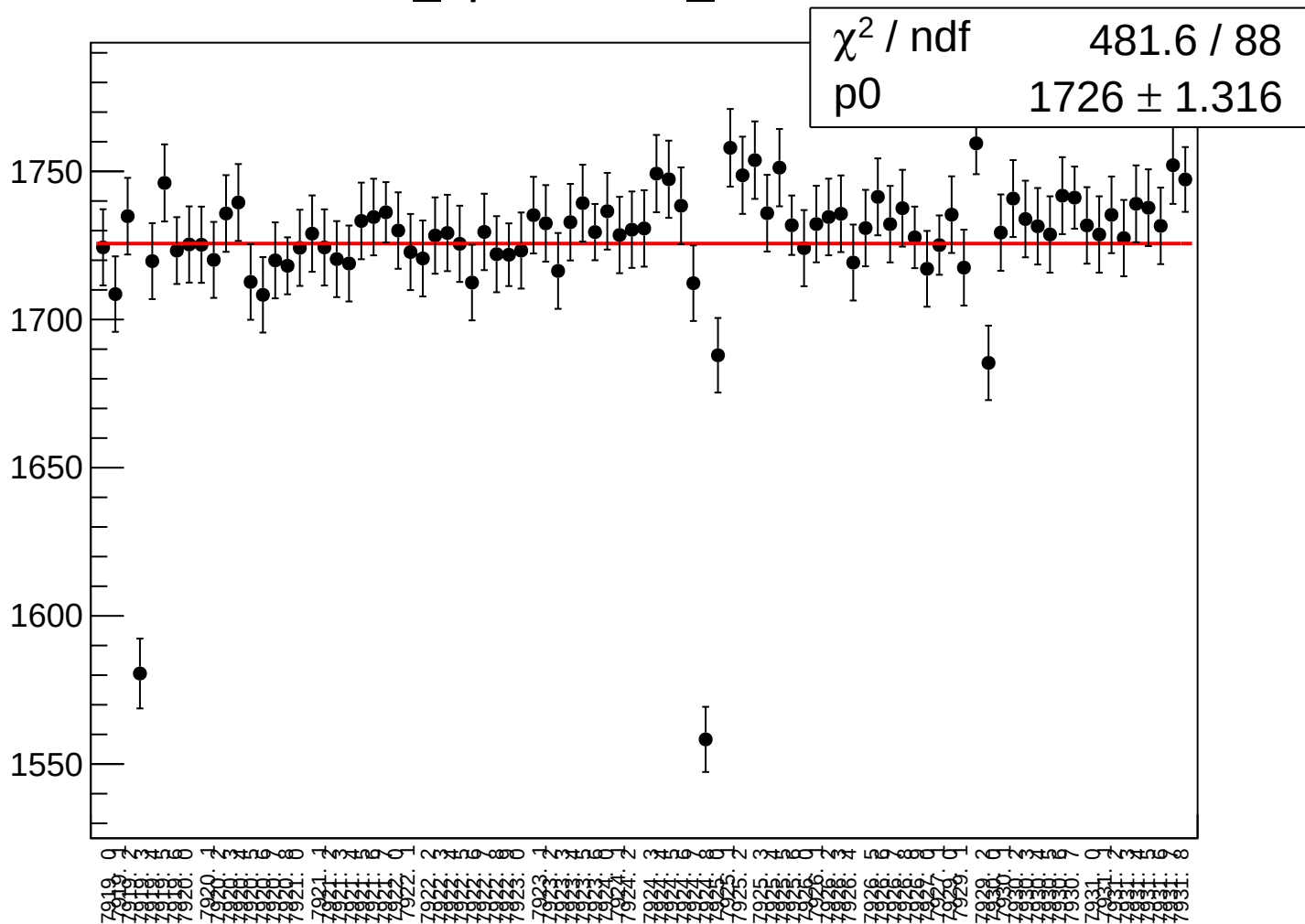
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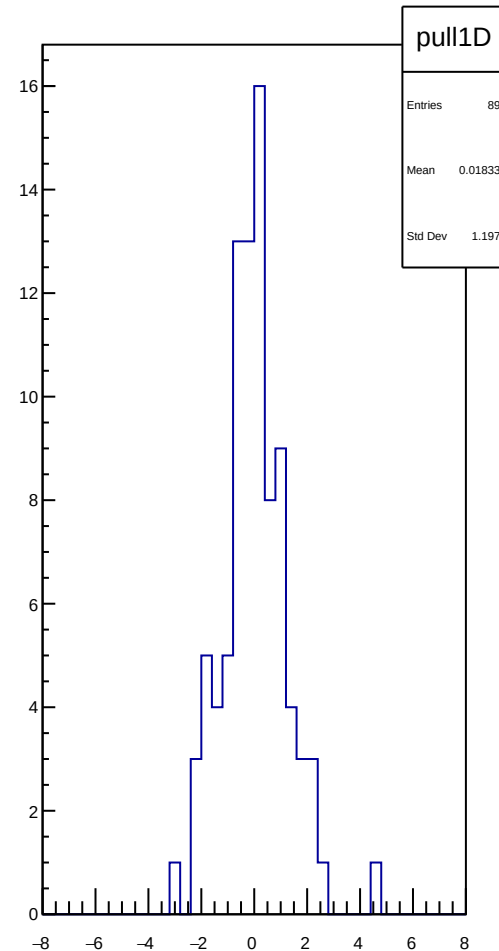
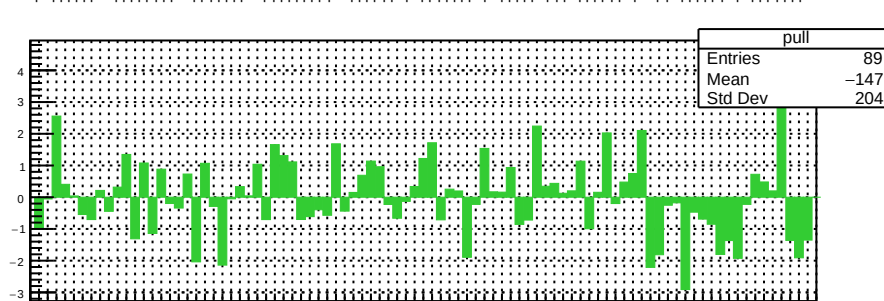
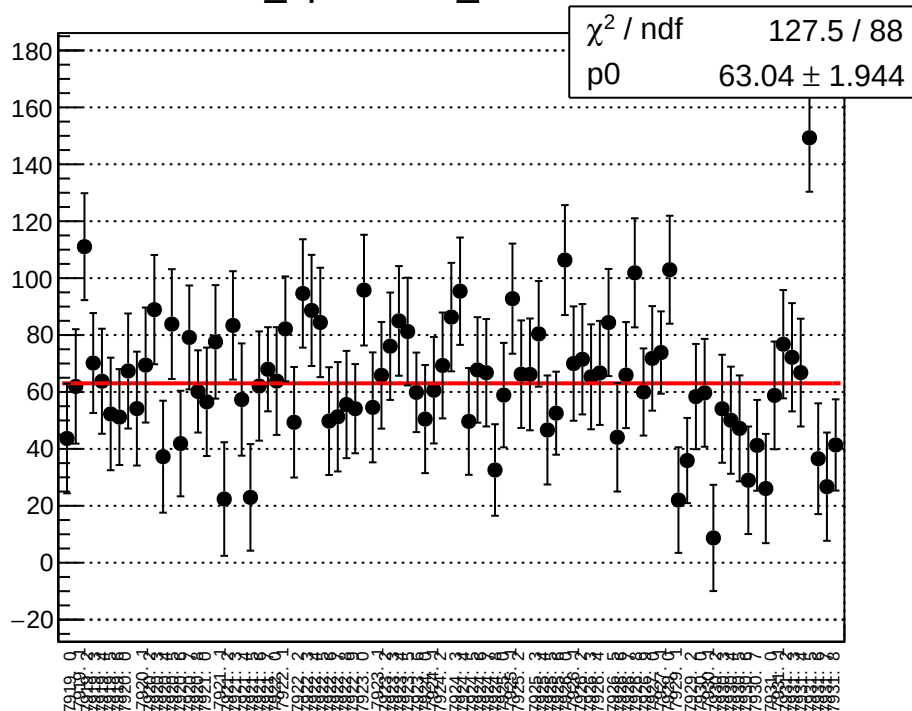
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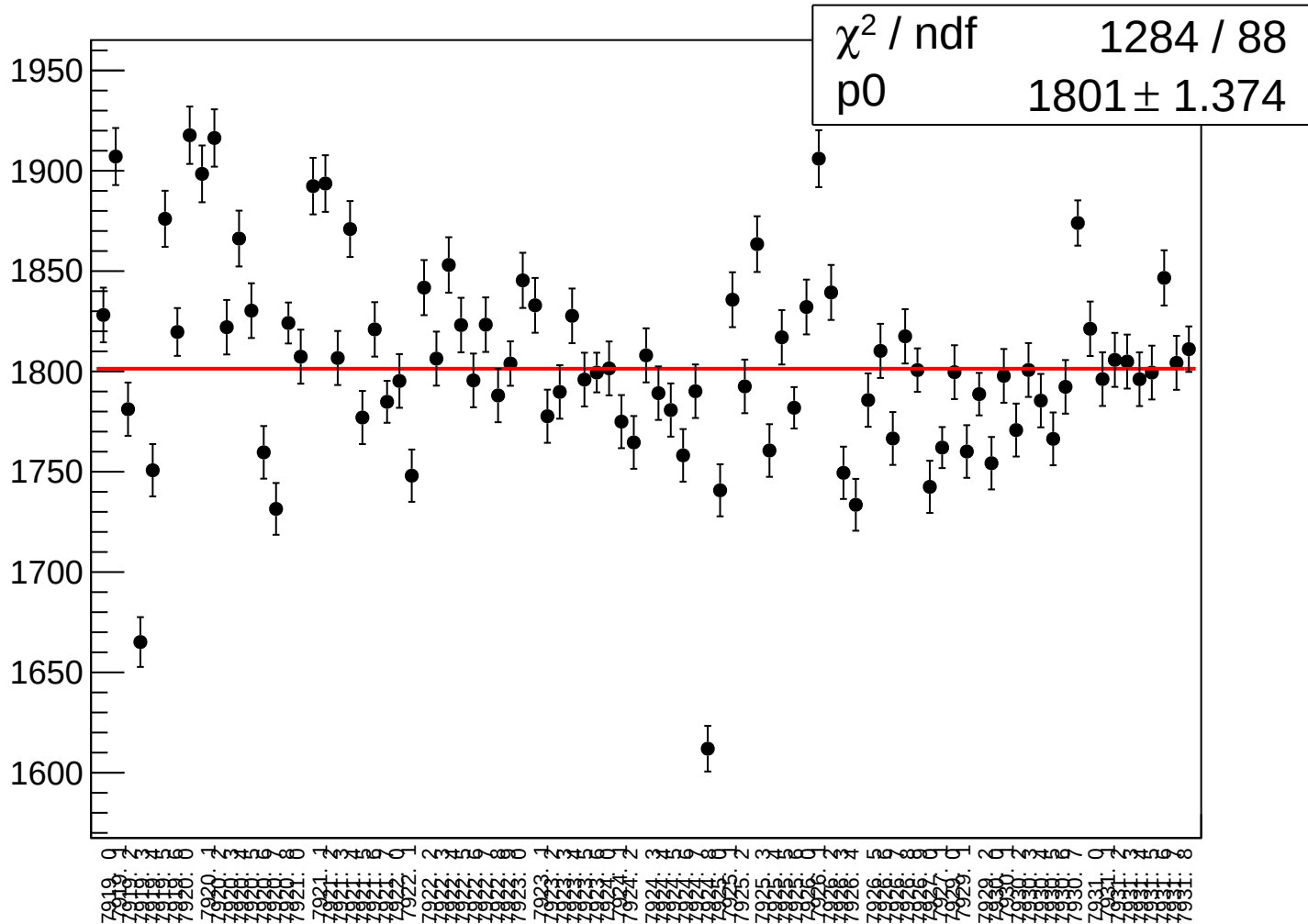
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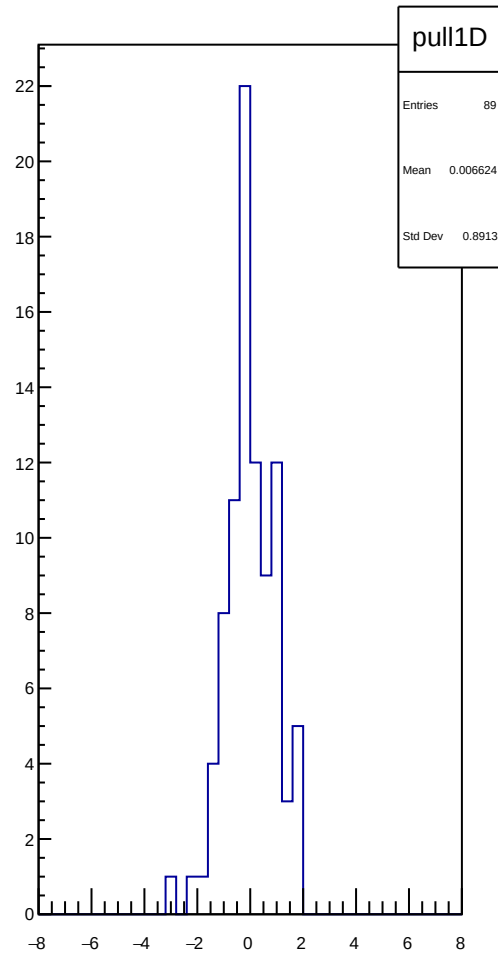
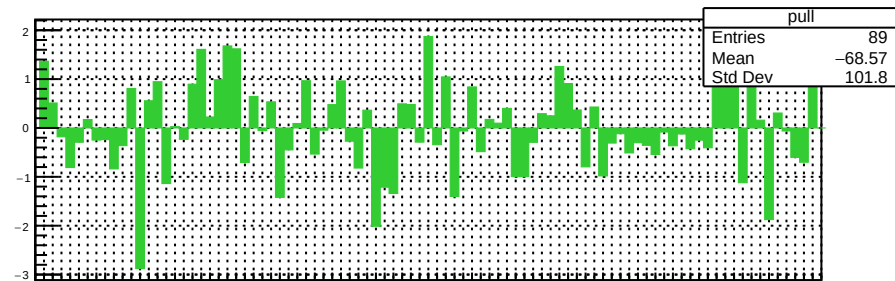
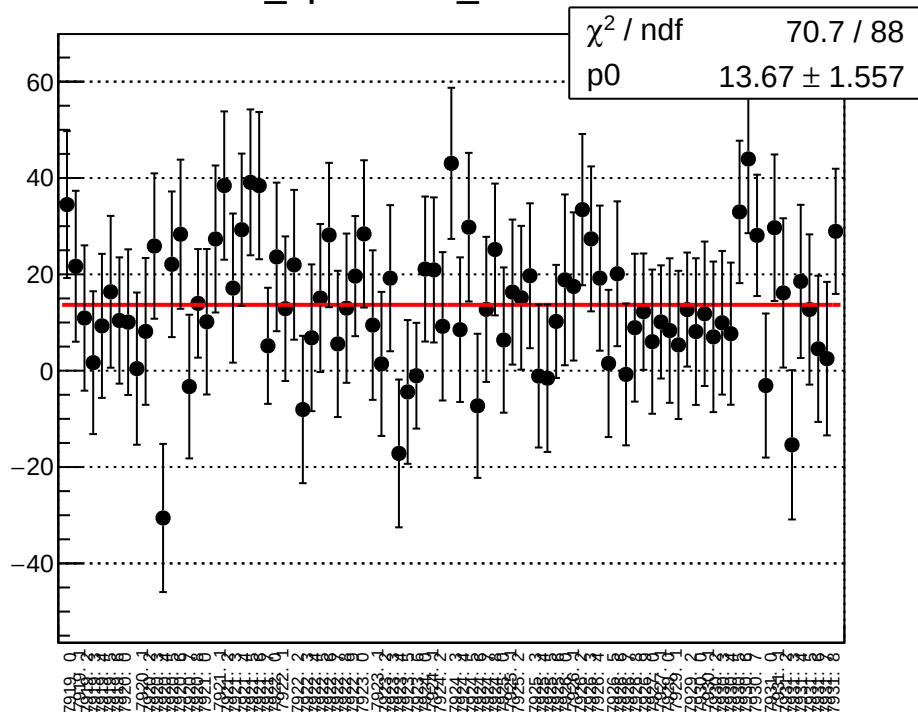
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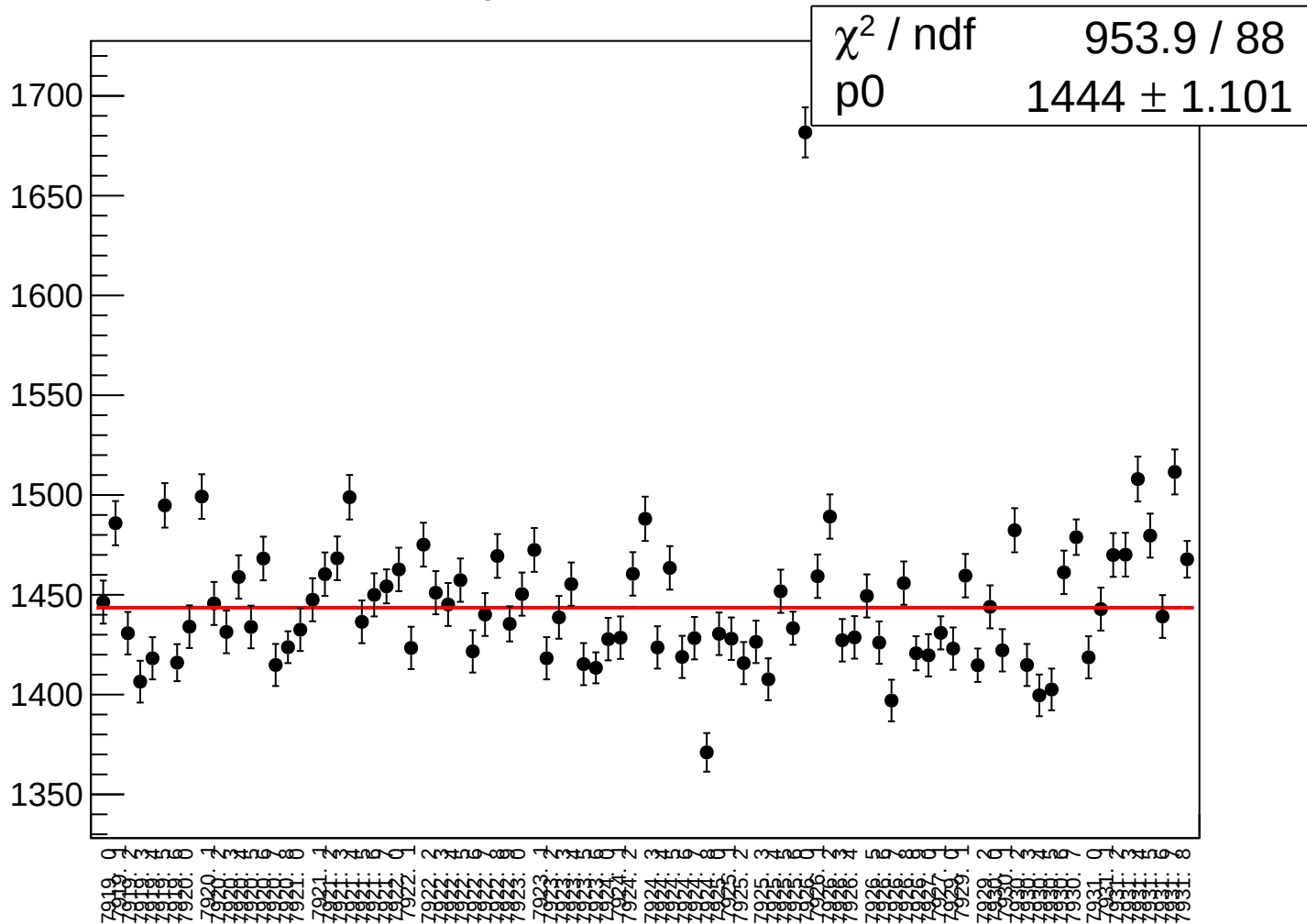
diff_bpm0i05X_rms vs run



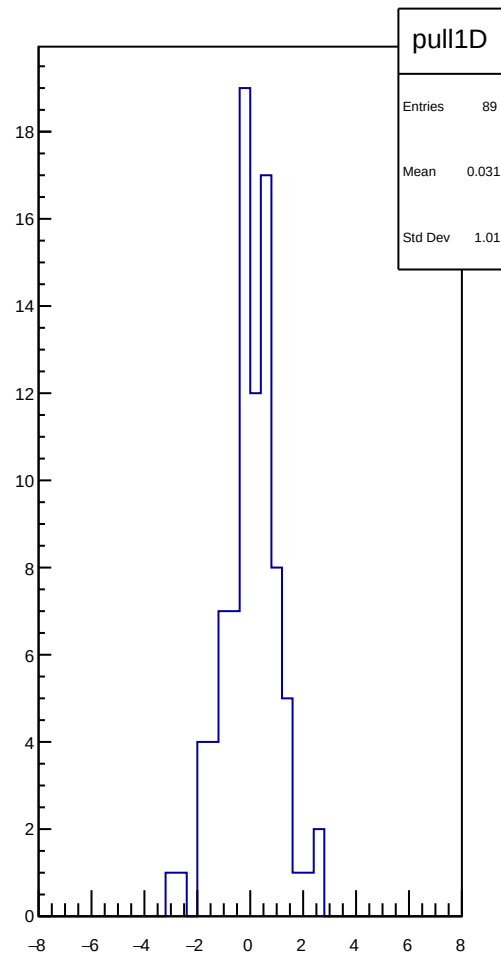
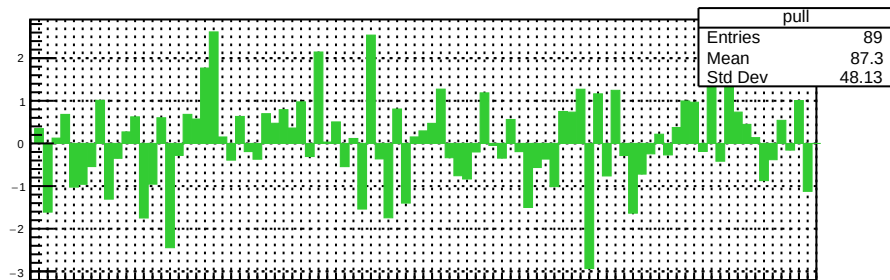
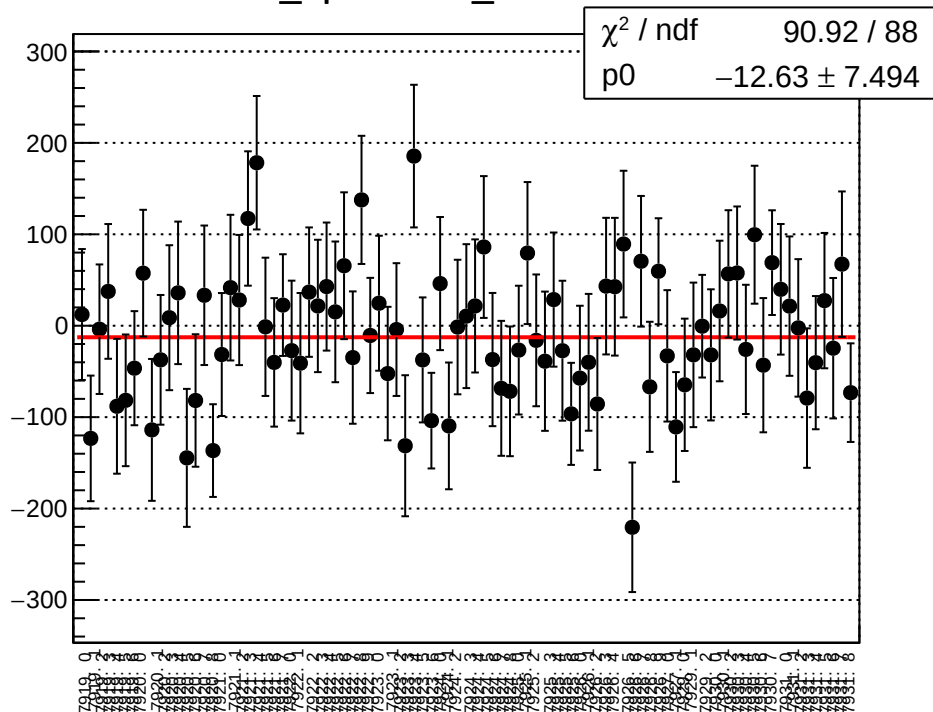
diff_bpm0i05Y_mean vs run



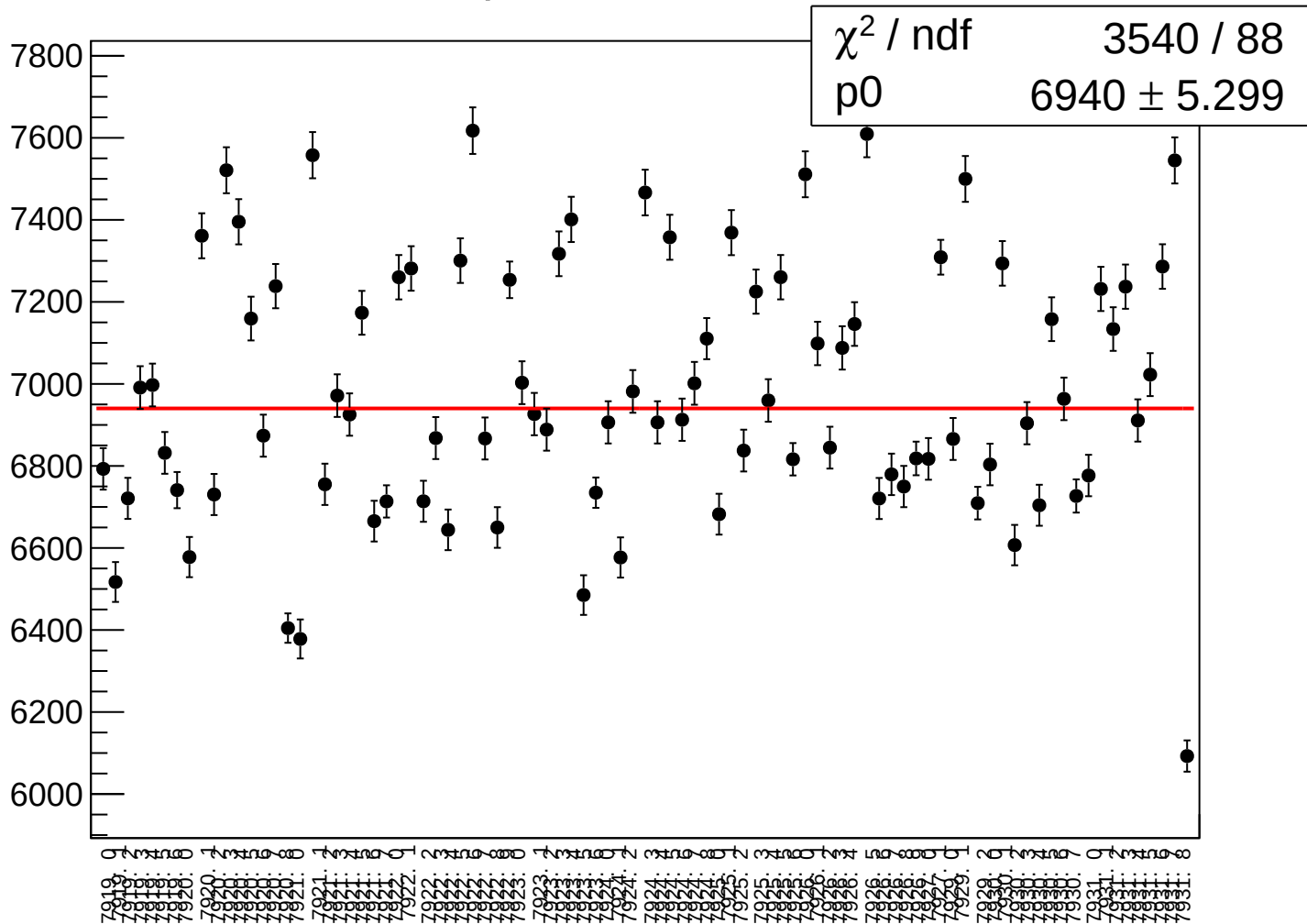
diff_bpm0i05Y_rms vs run



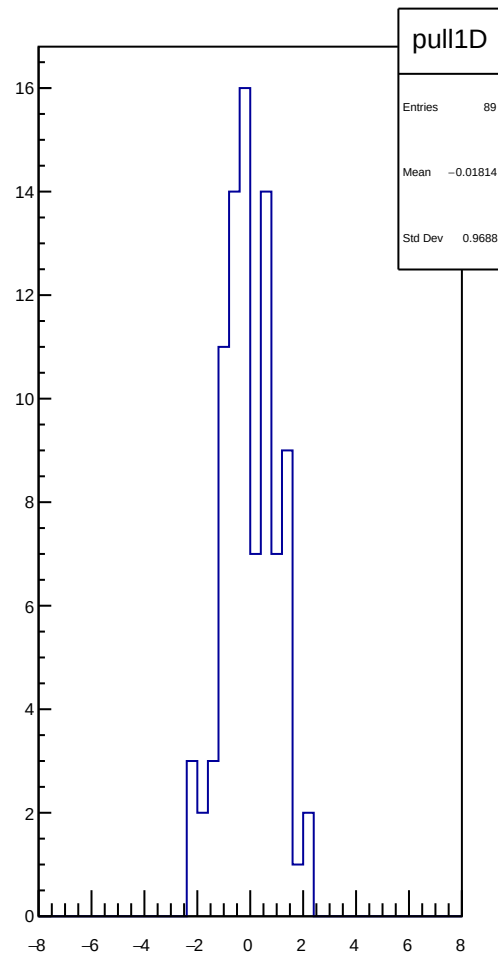
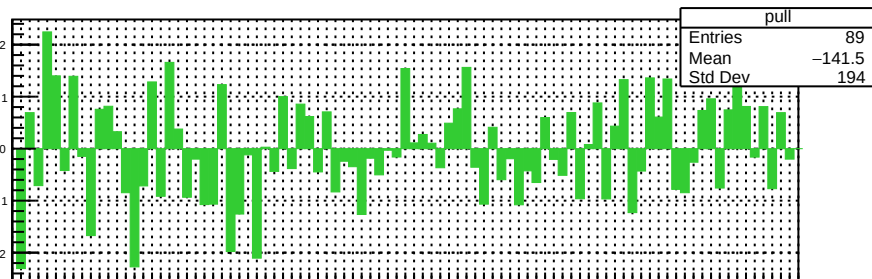
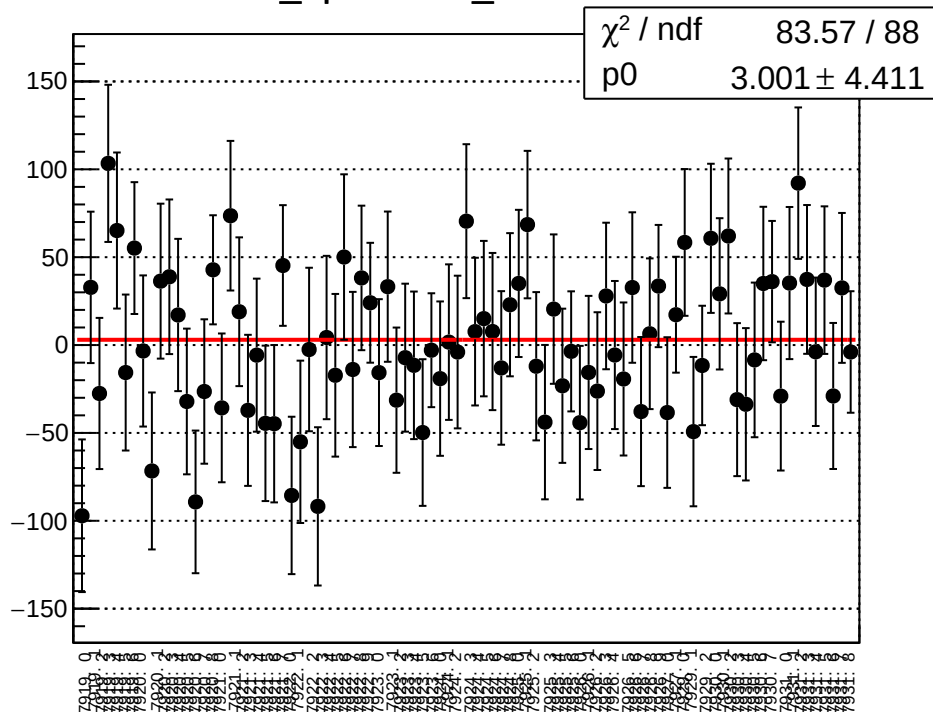
diff_bpm0i07X_mean vs run



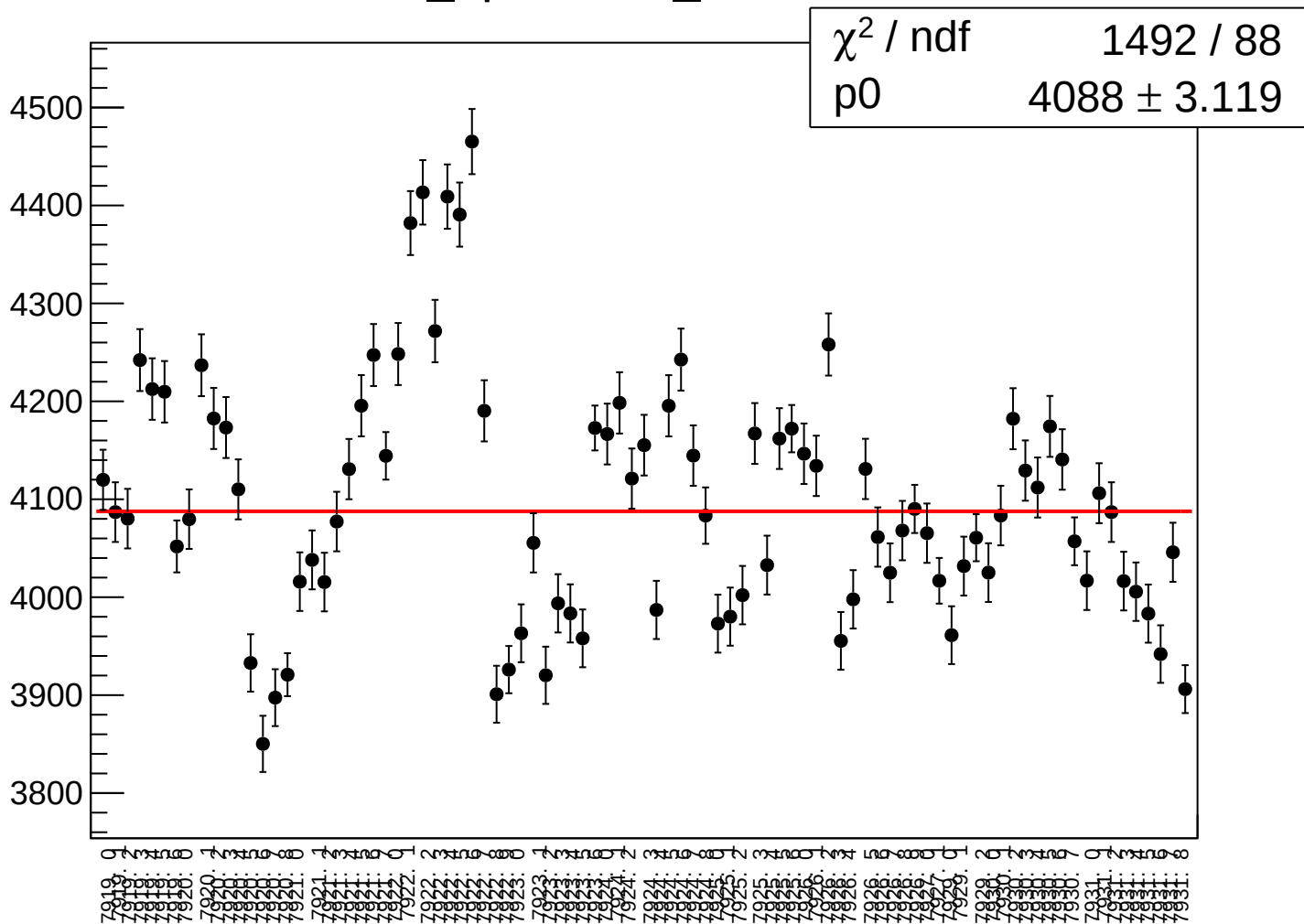
diff_bpm0i07X_rms vs run



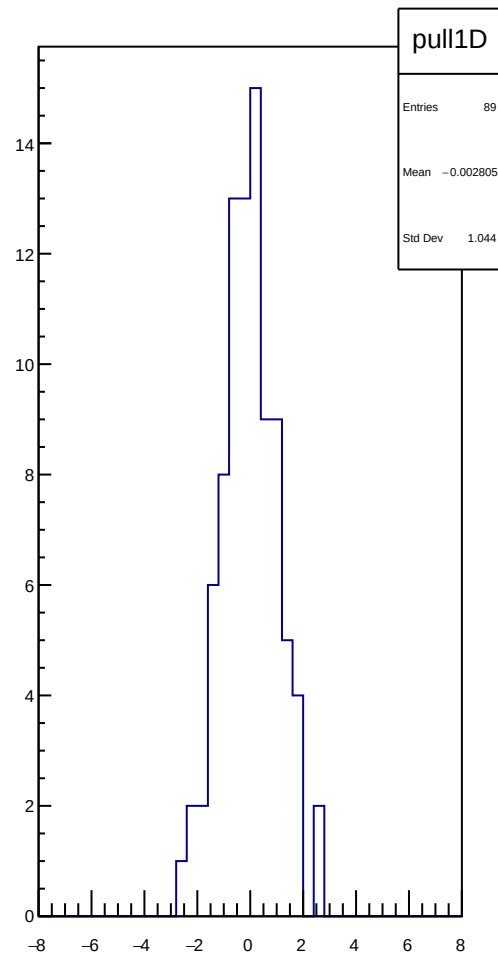
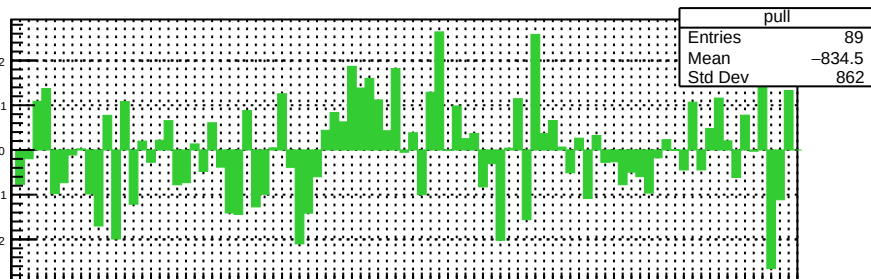
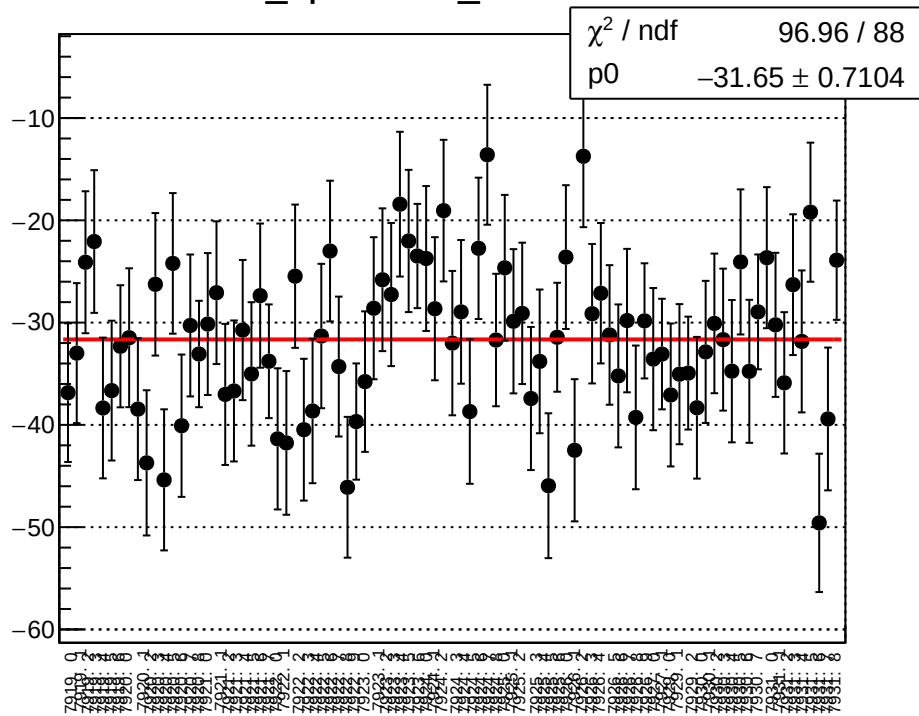
diff_bpm0i07Y_mean vs run



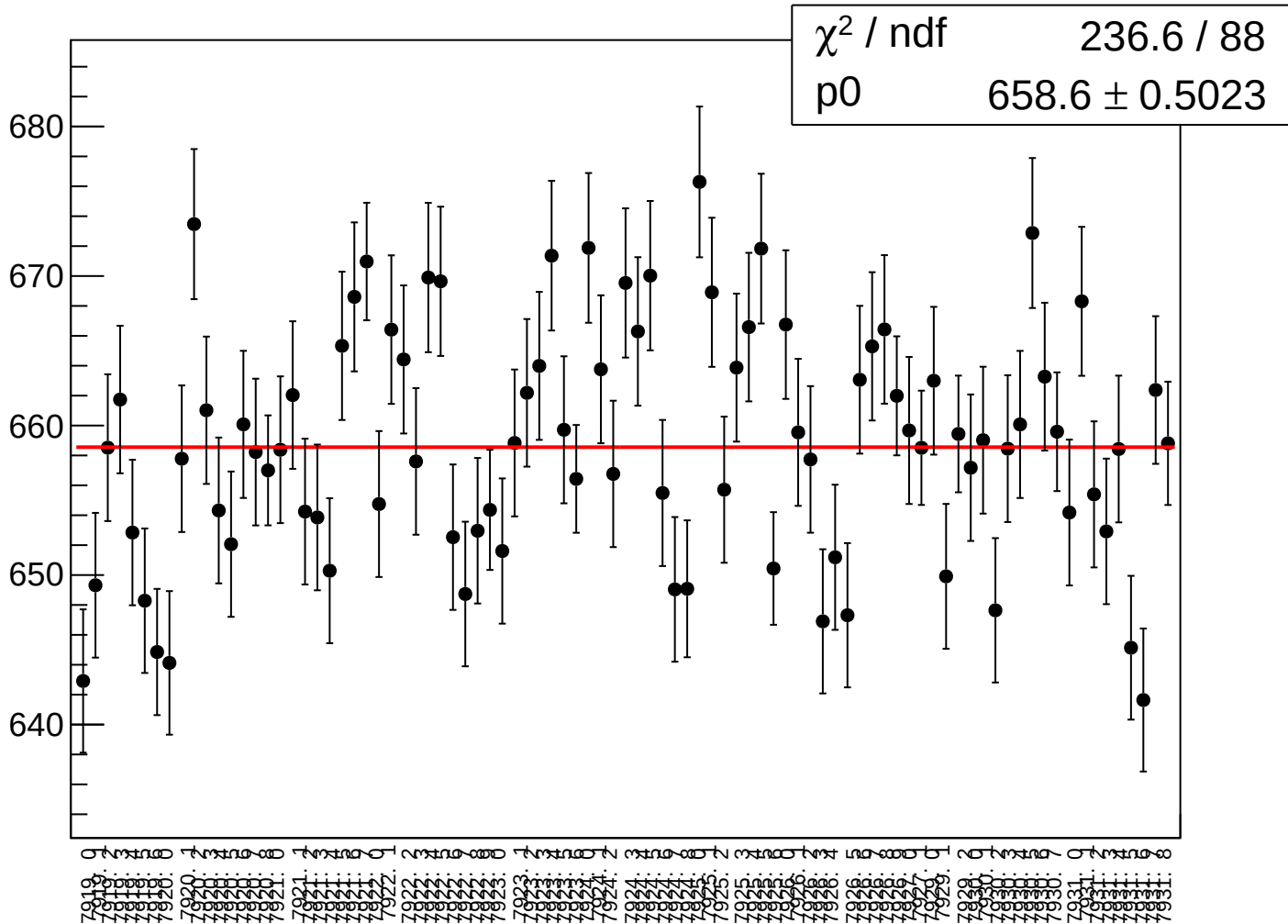
diff_bpm0i07Y_rms vs run



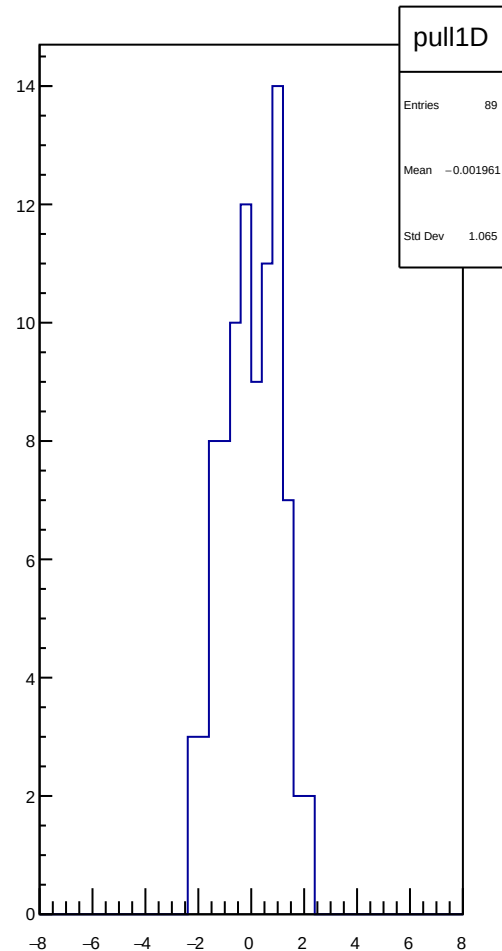
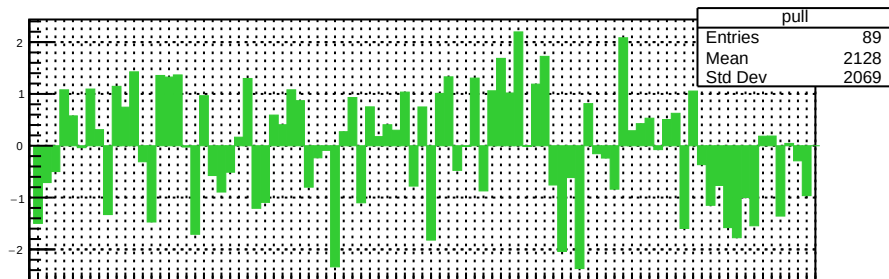
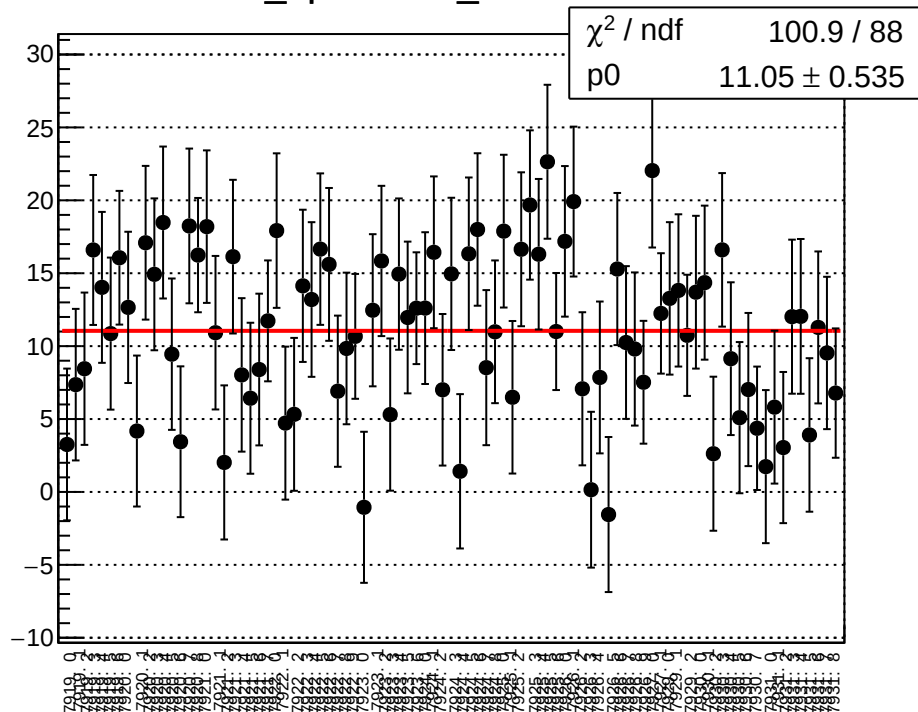
diff_bpm1i02X_mean vs run



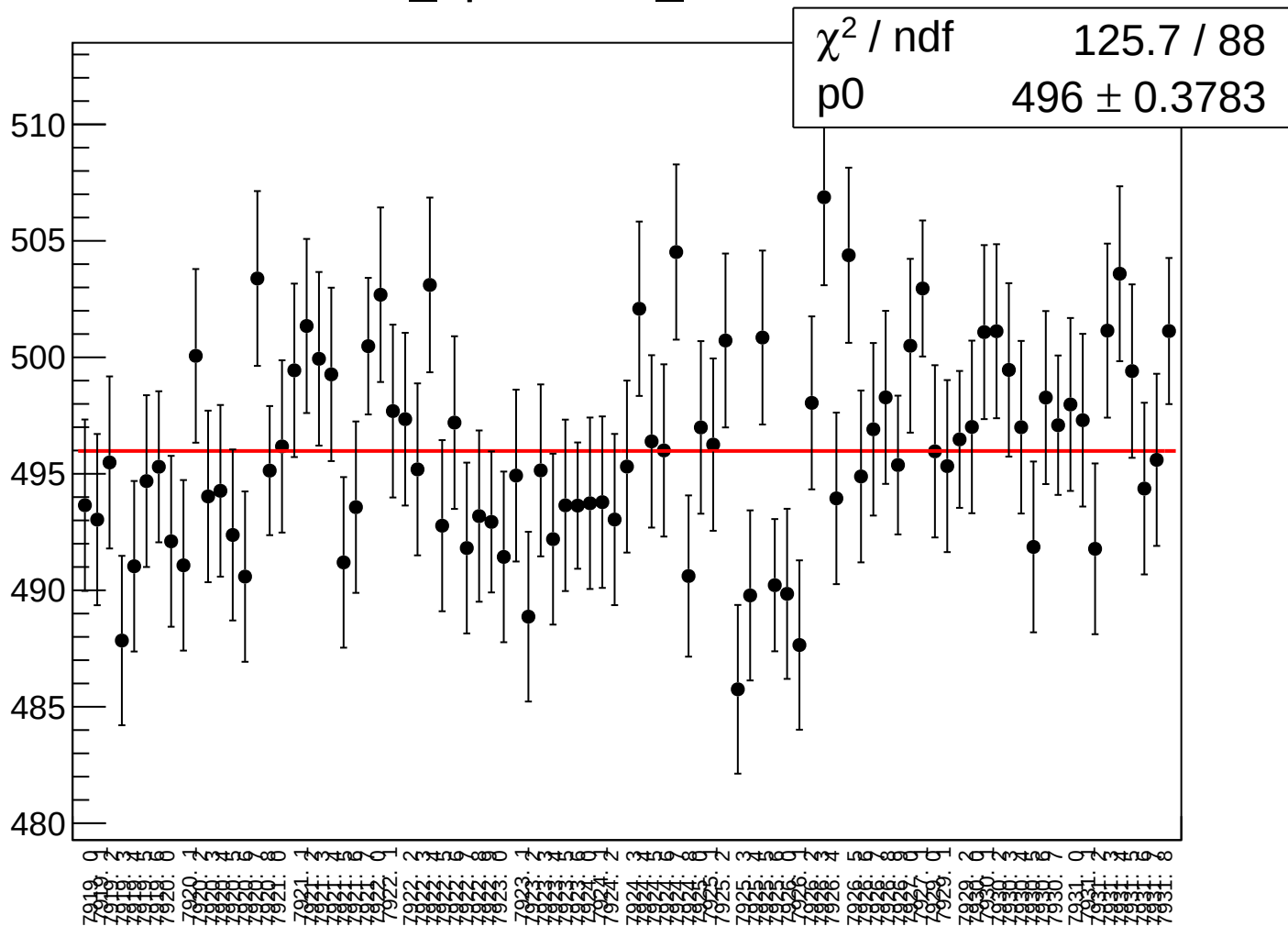
diff_bpm1i02X_rms vs run



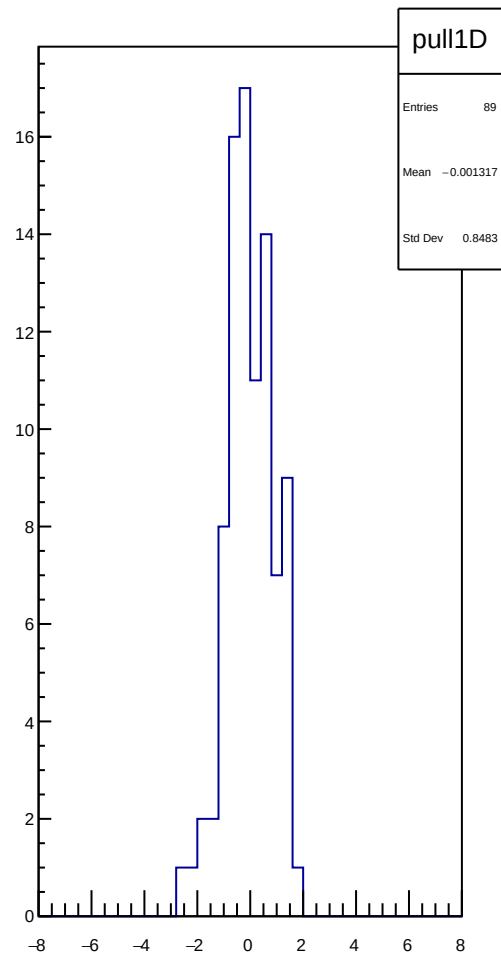
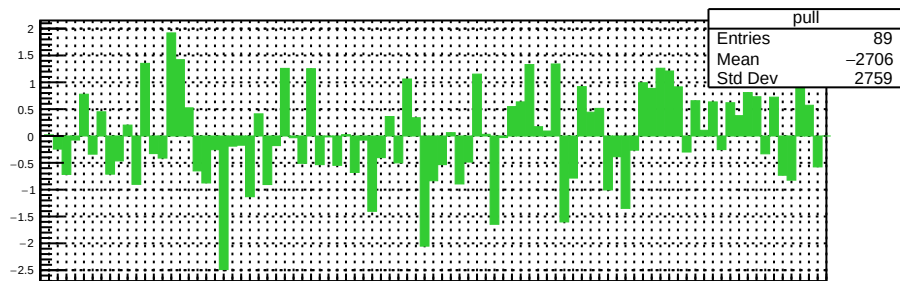
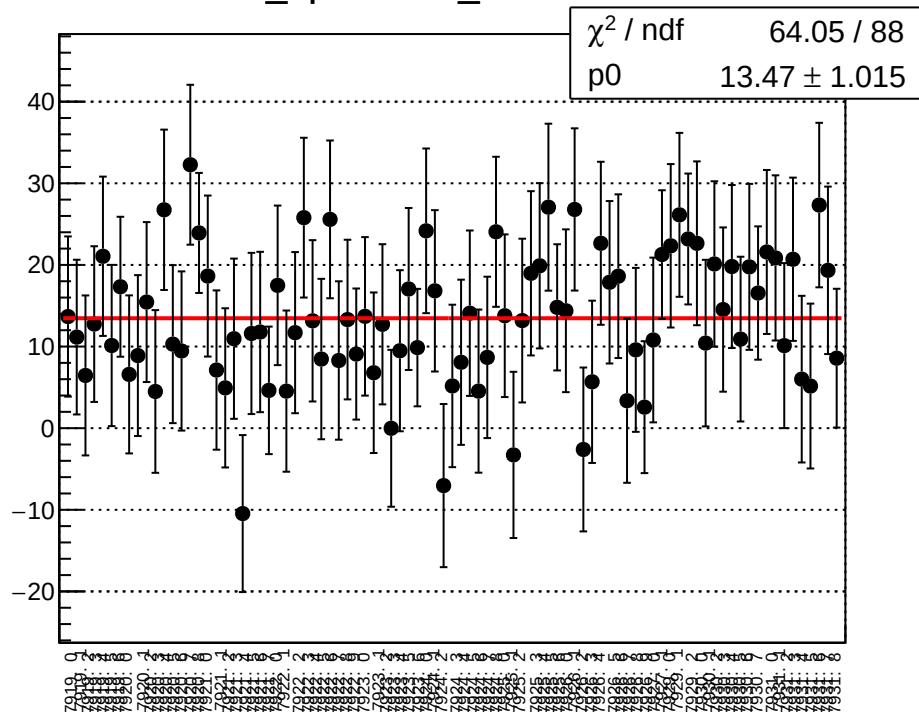
diff_bpm1i02Y_mean vs run



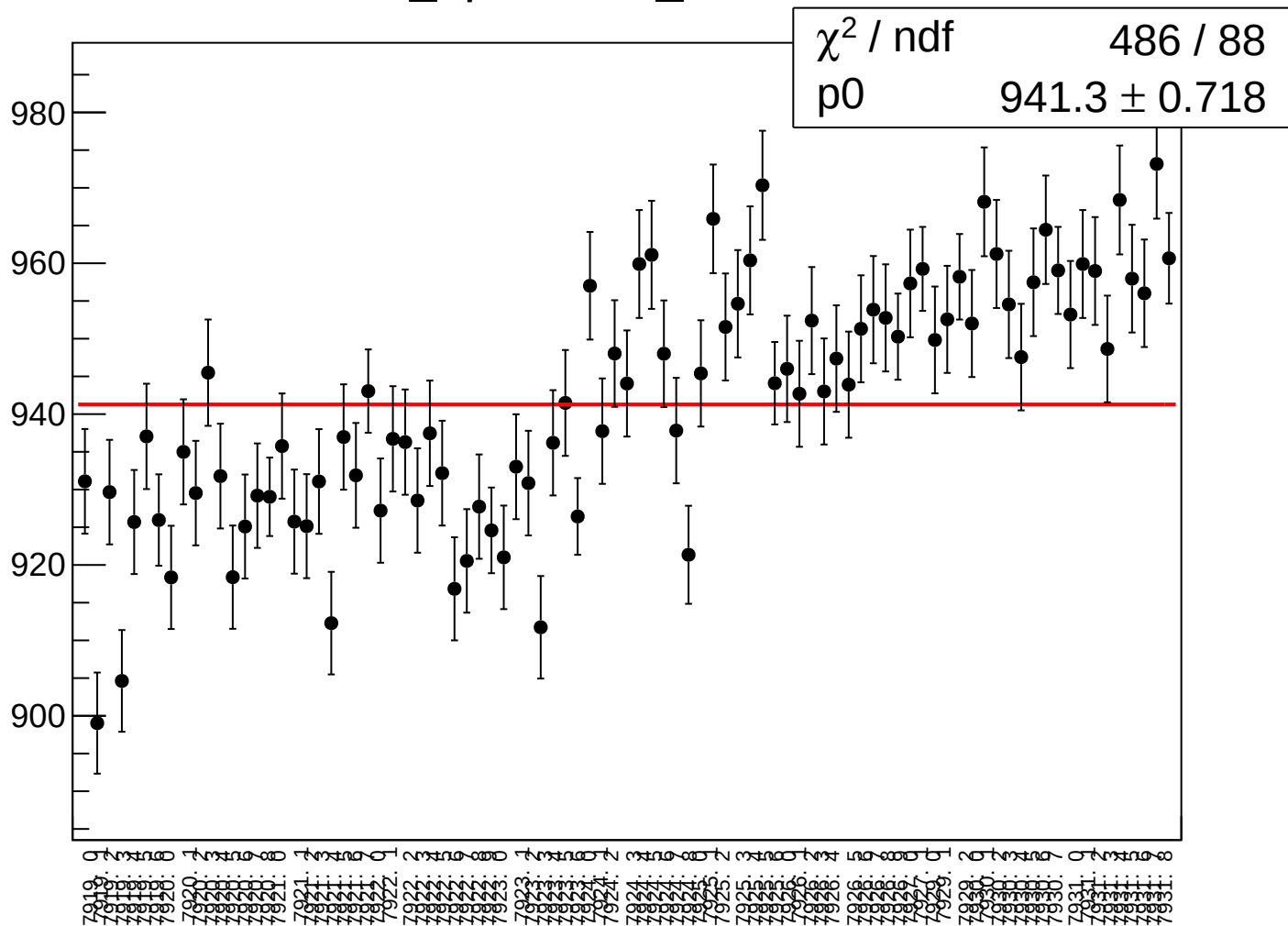
diff_bpm1i02Y_rms vs run



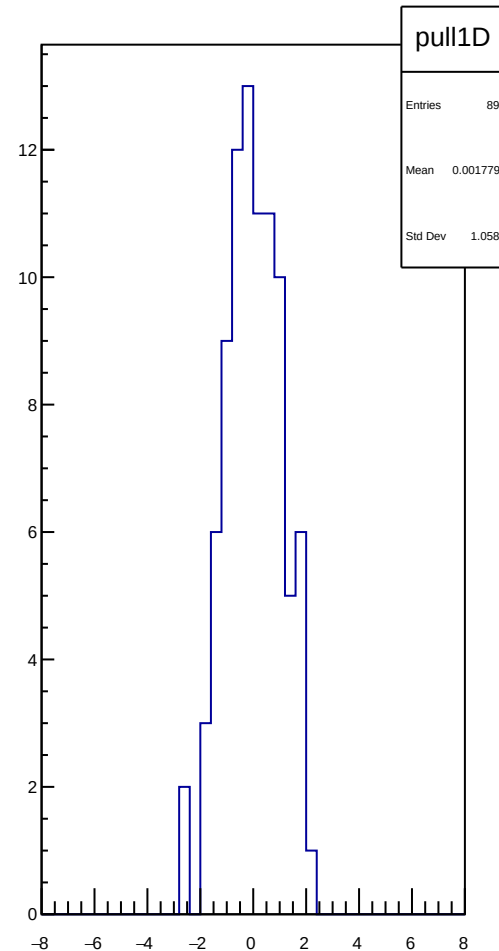
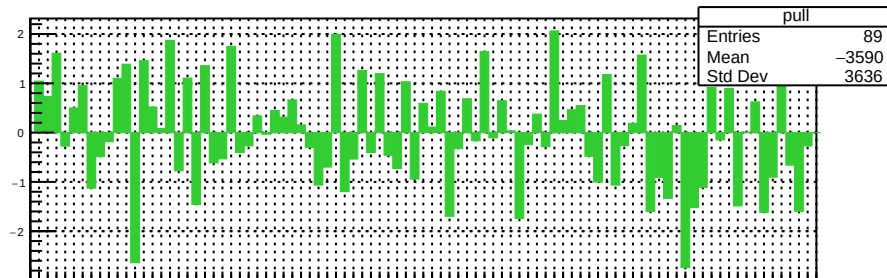
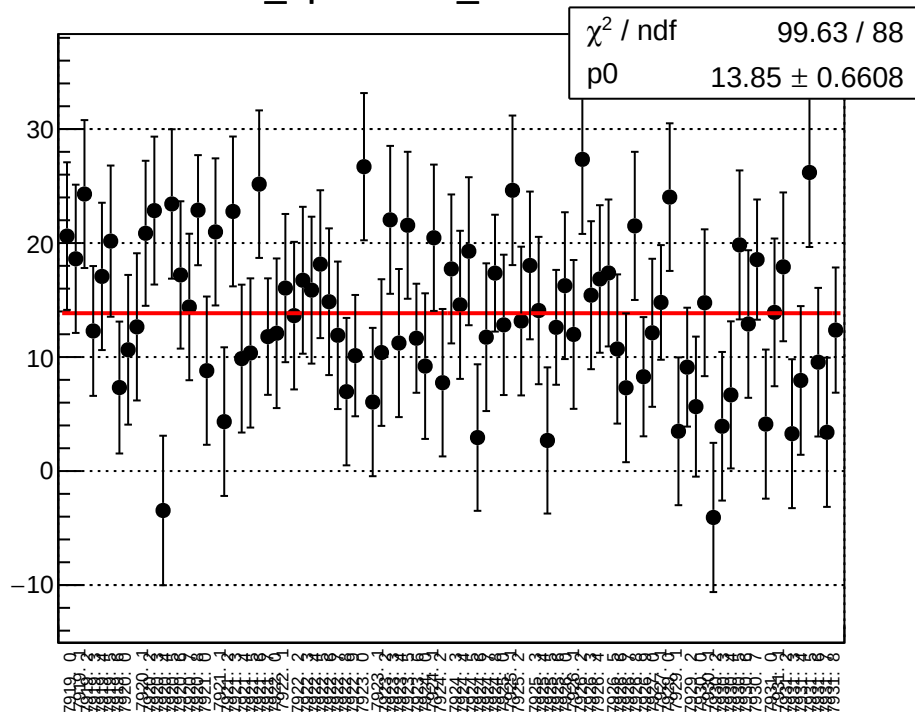
diff_bpm1i04X_mean vs run



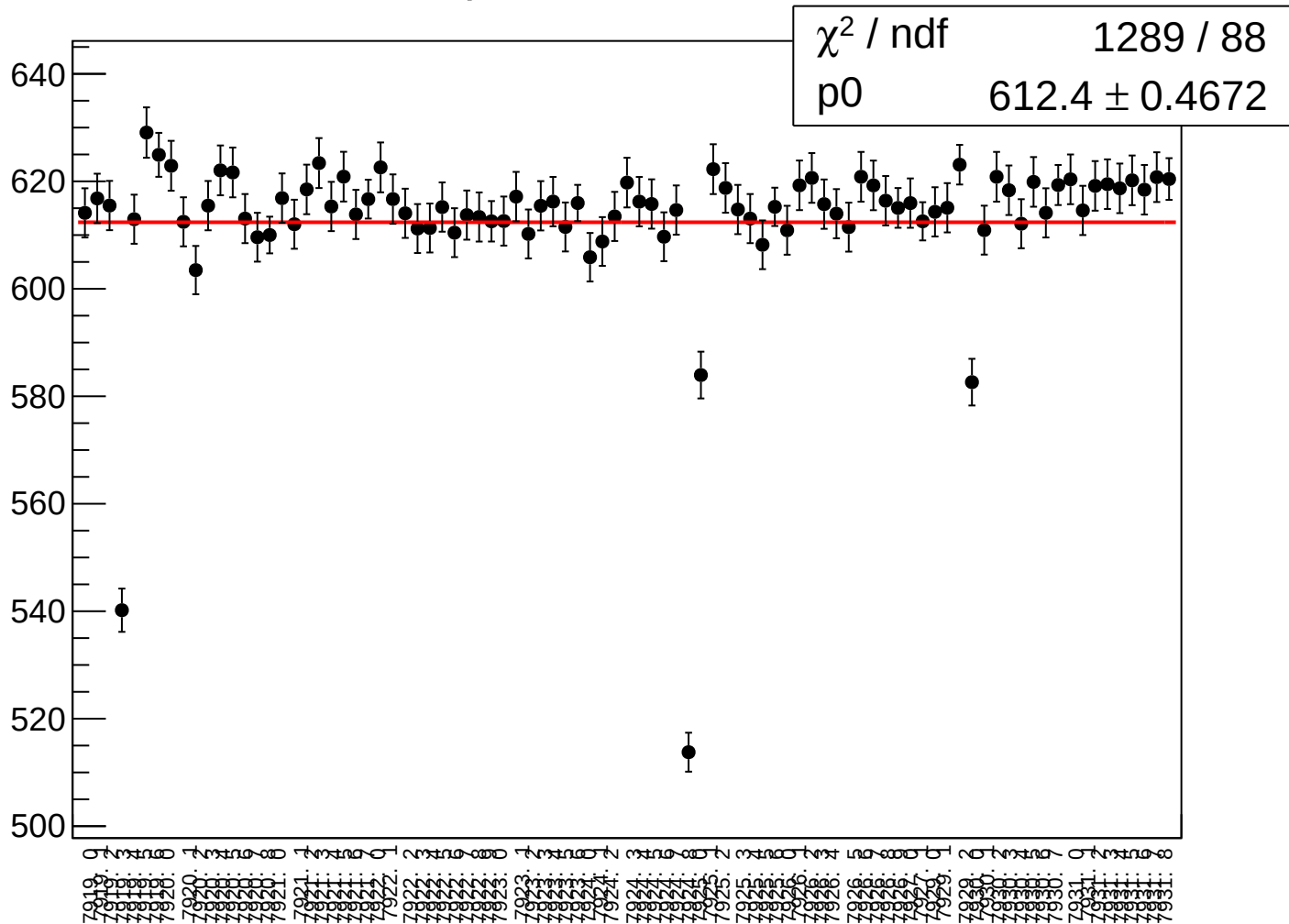
diff_bpm1i04X_rms vs run



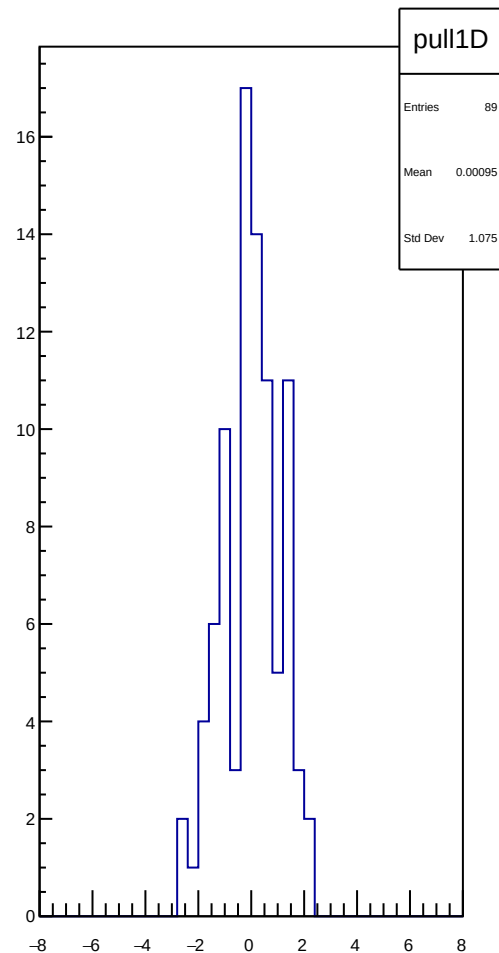
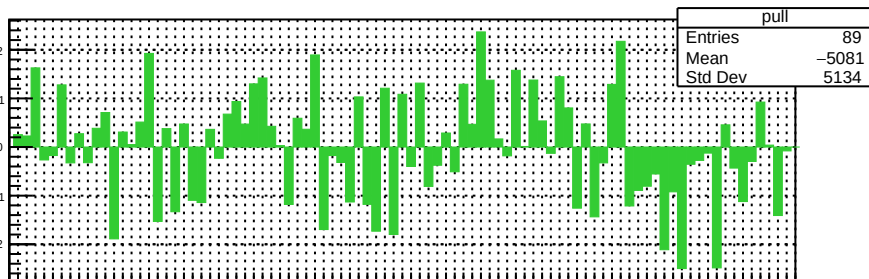
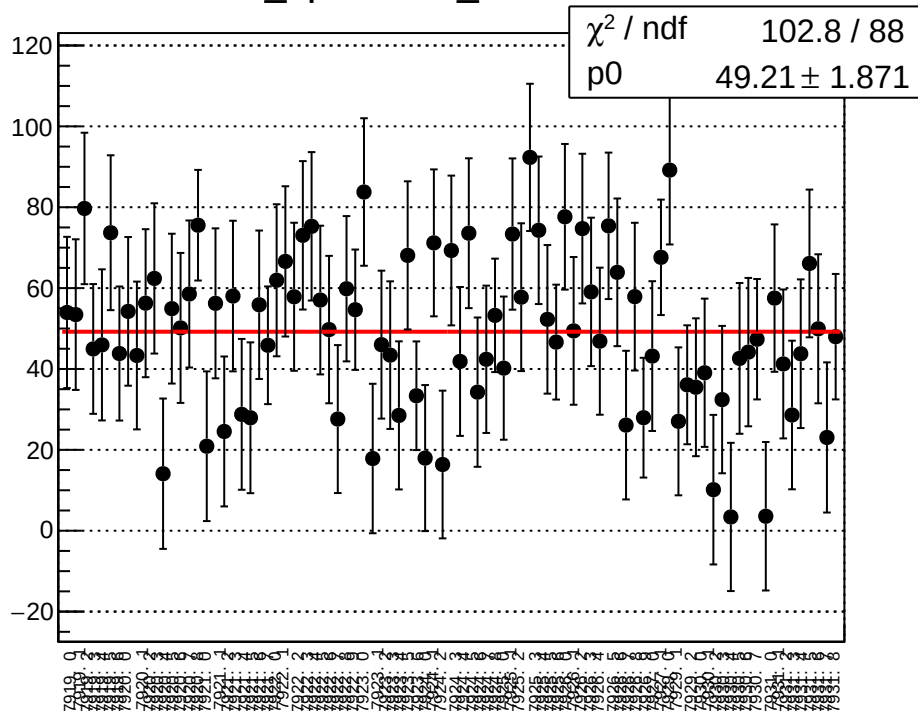
diff_bpm1i04Y_mean vs run



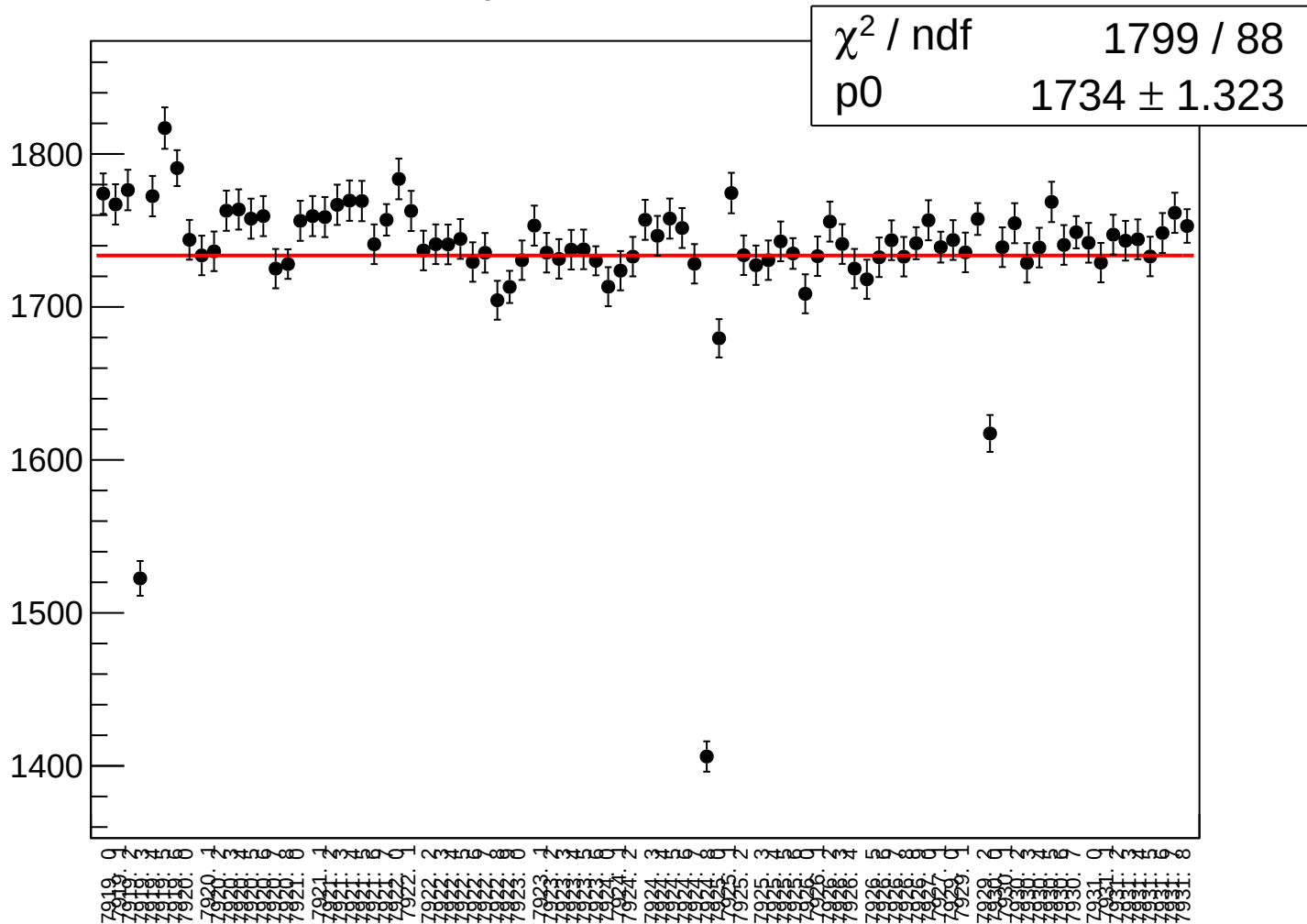
diff_bpm1i04Y_rms vs run



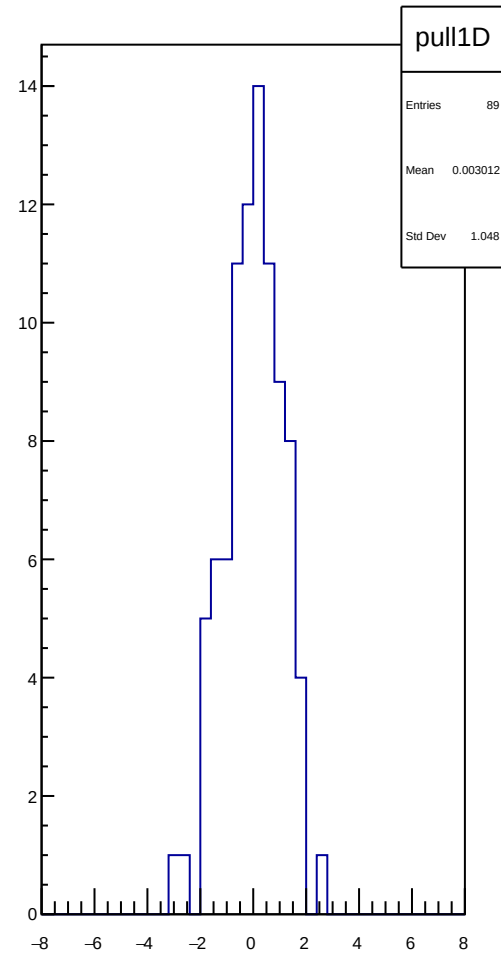
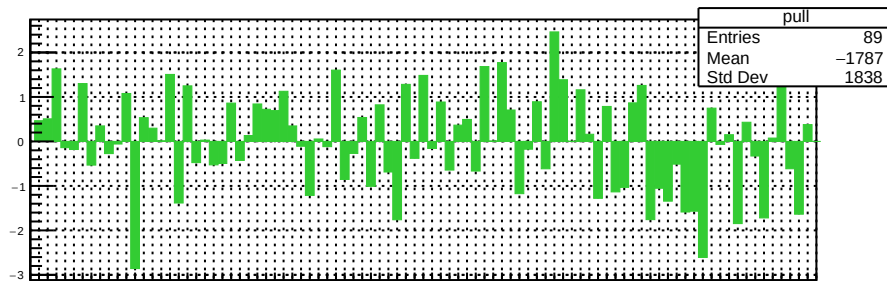
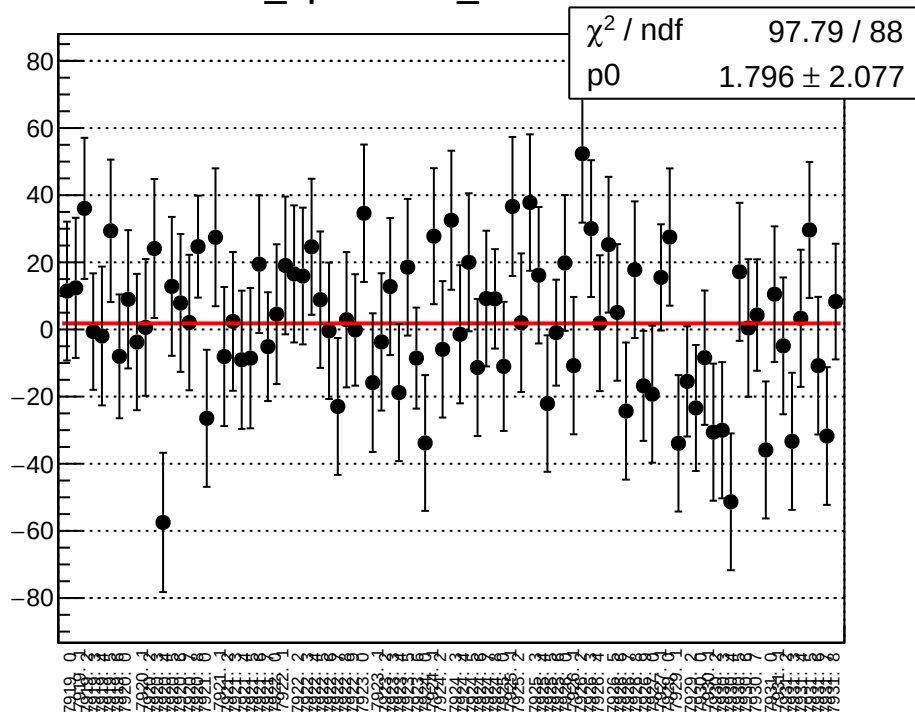
diff_bpm1i06X_mean vs run



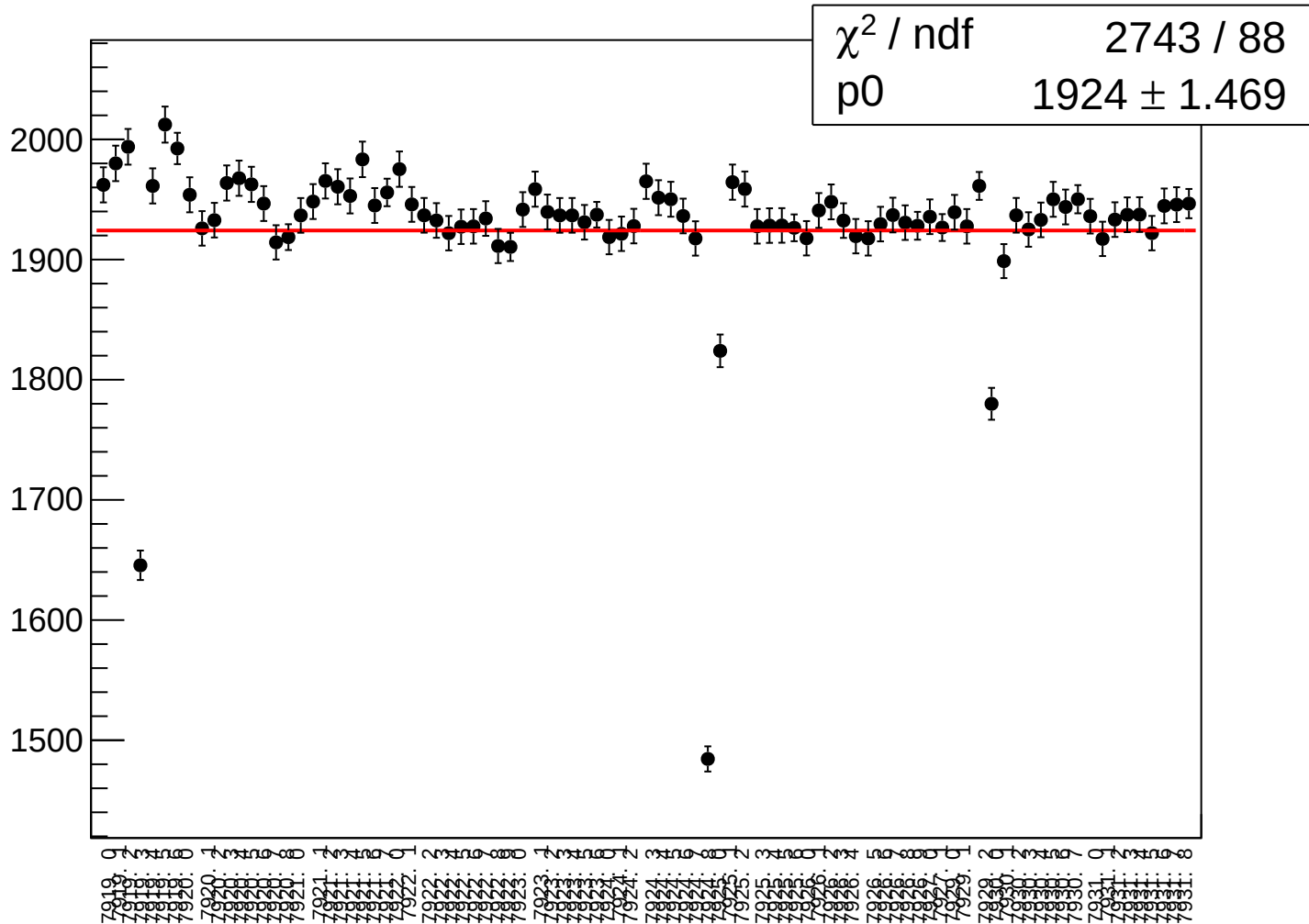
diff_bpm1i06X_rms vs run



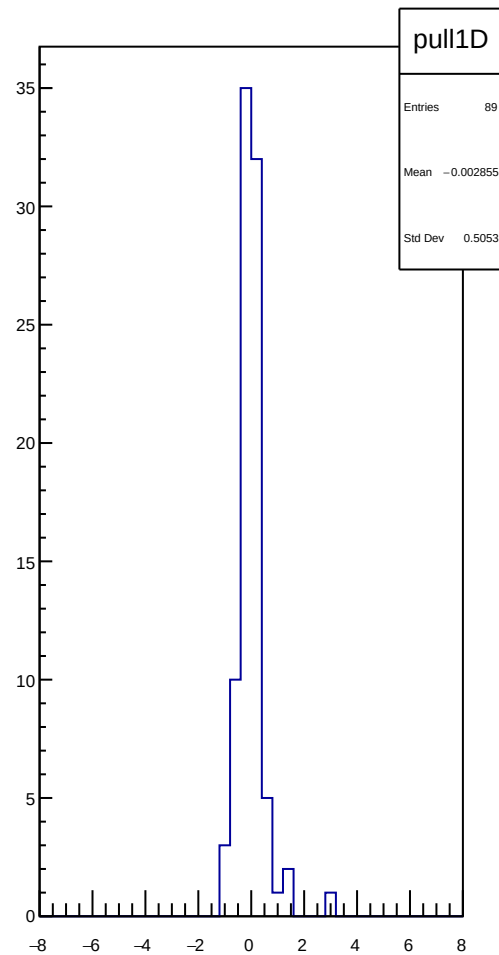
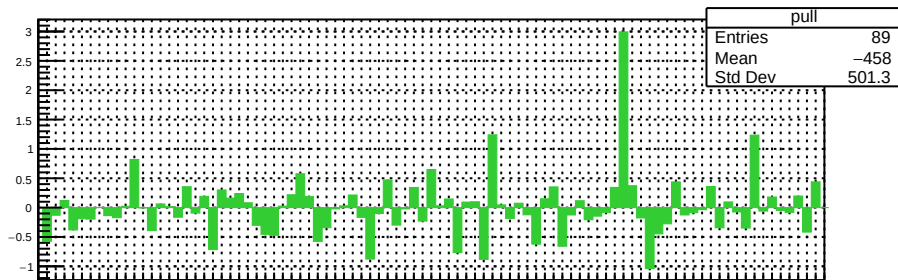
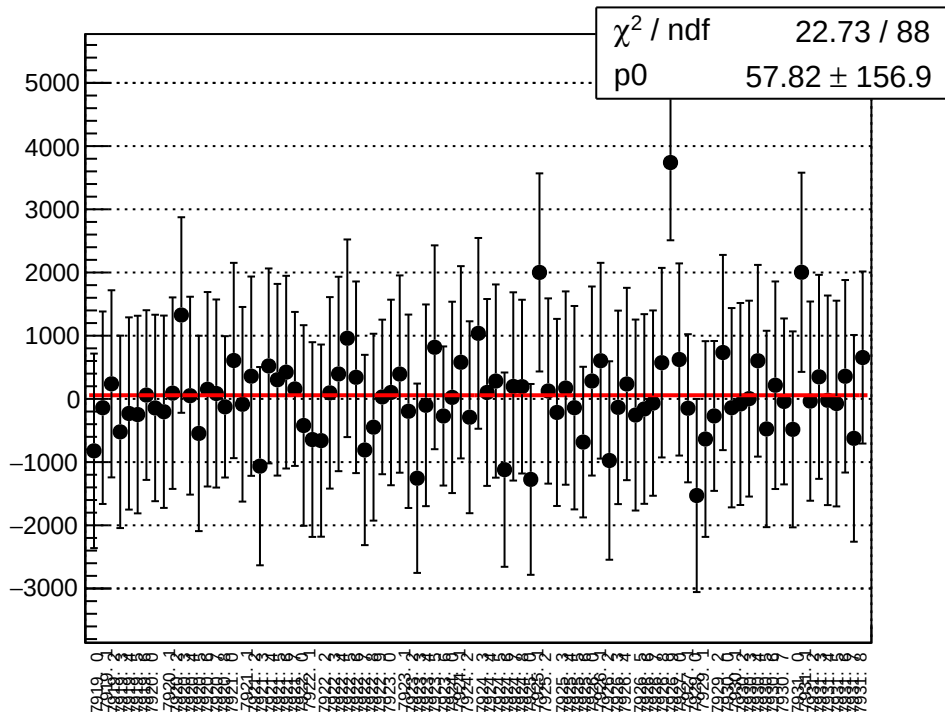
diff_bpm1i06Y_mean vs run



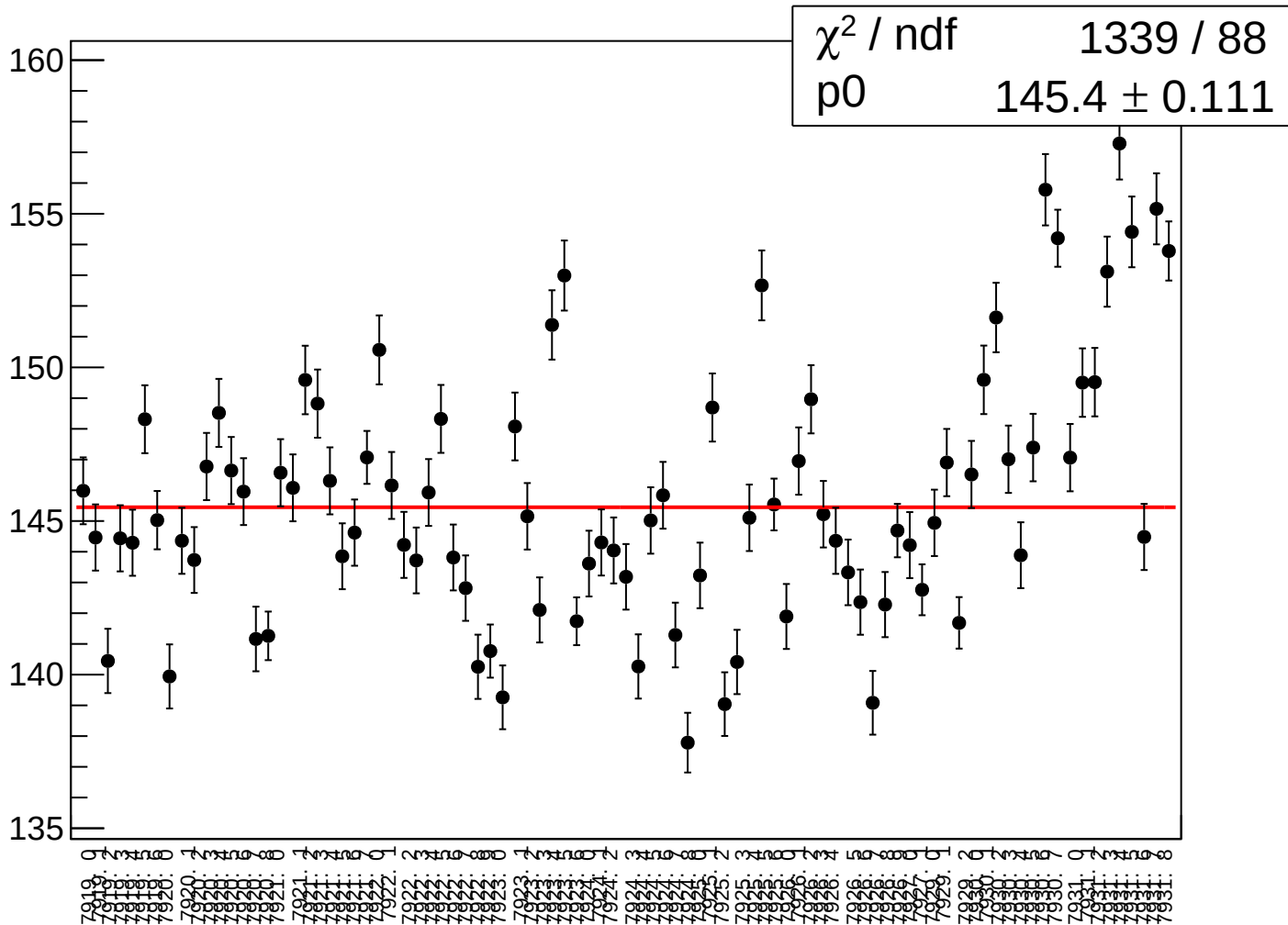
diff_bpm1i06Y_rms vs run



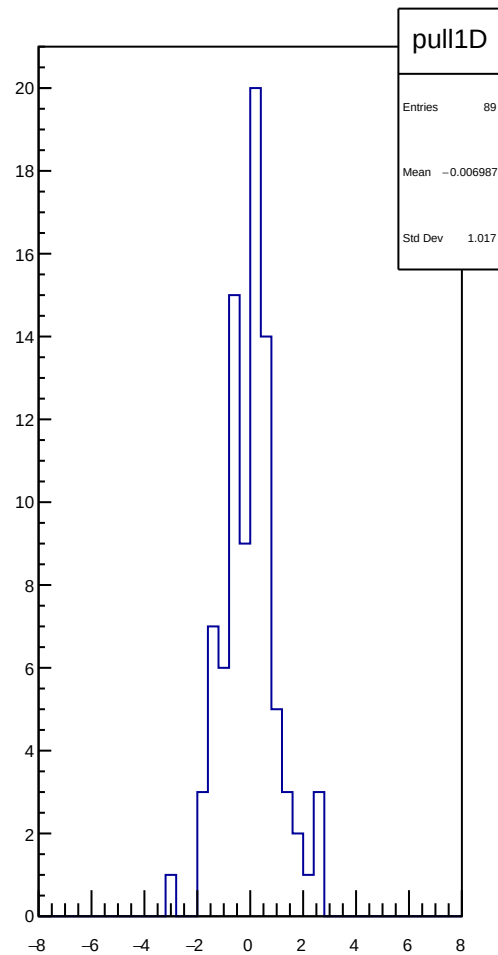
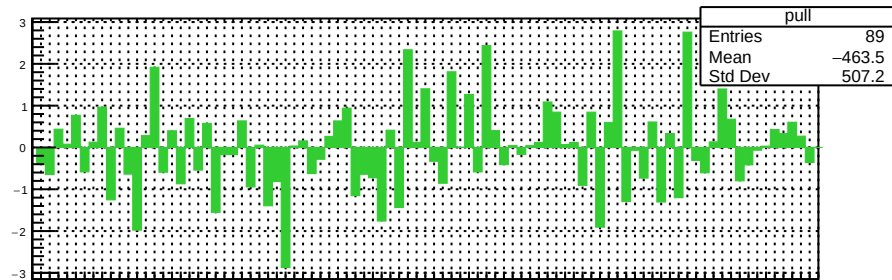
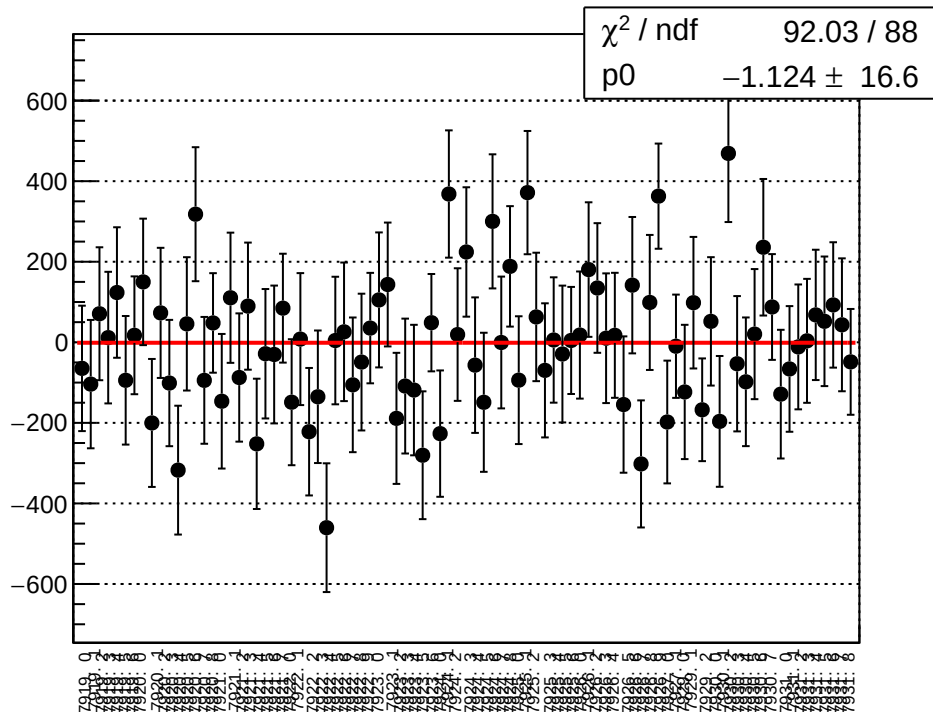
asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs run



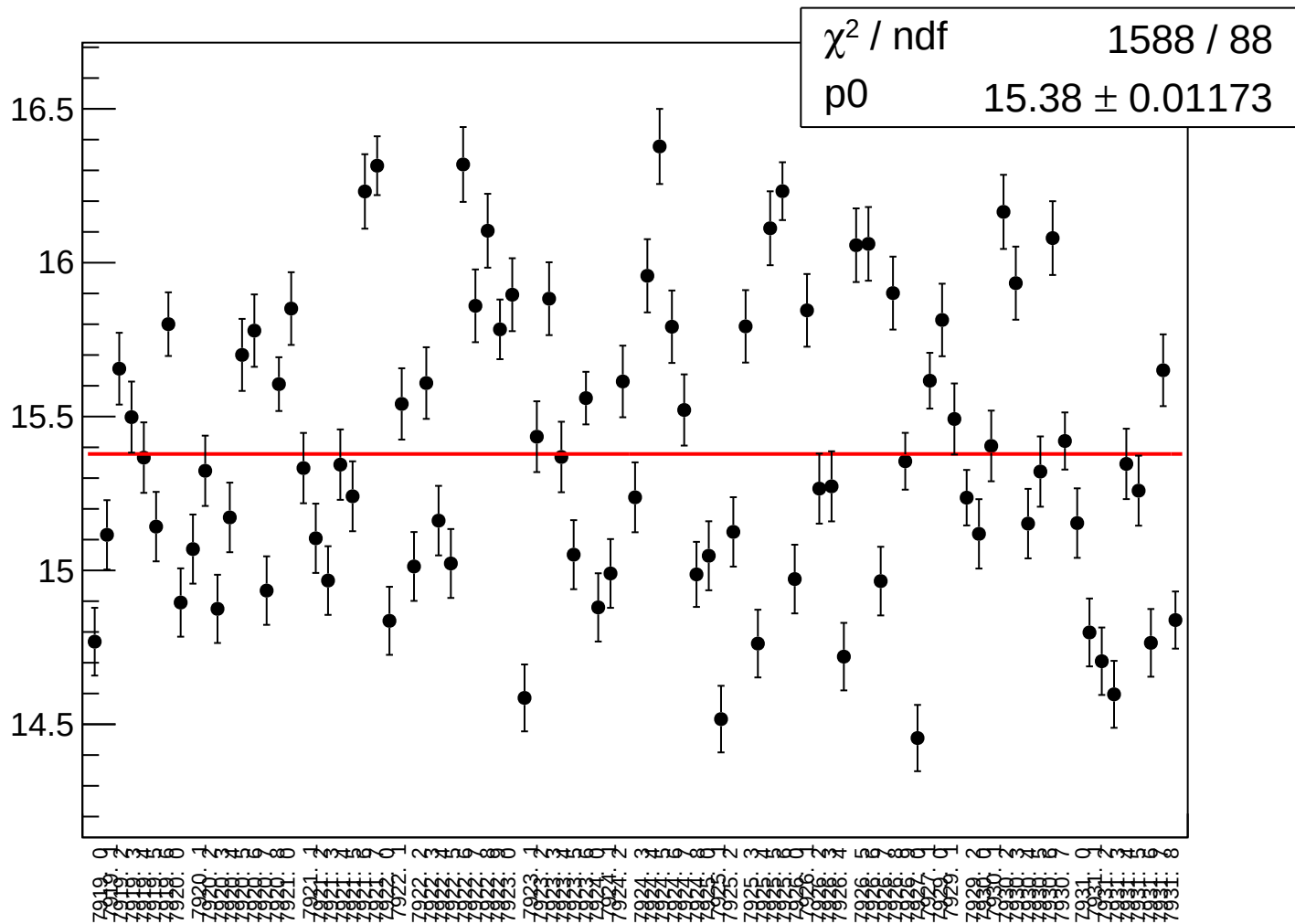
asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs run



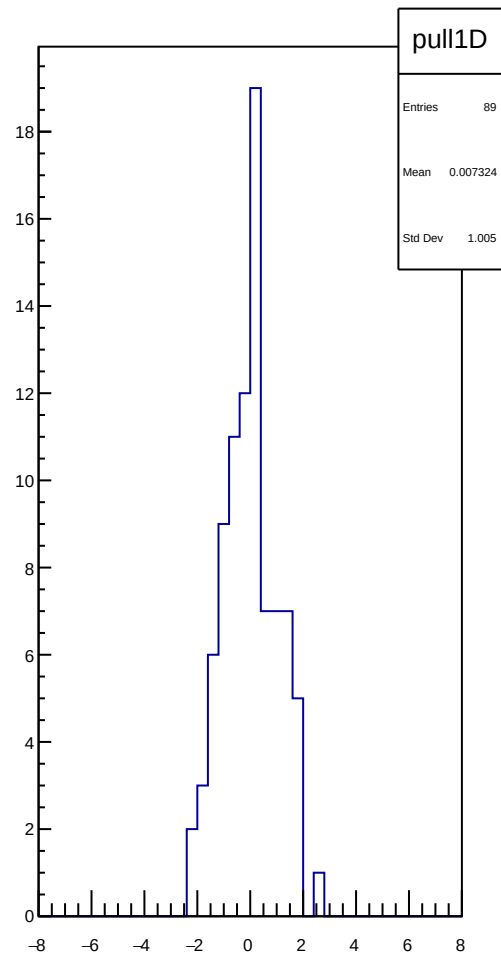
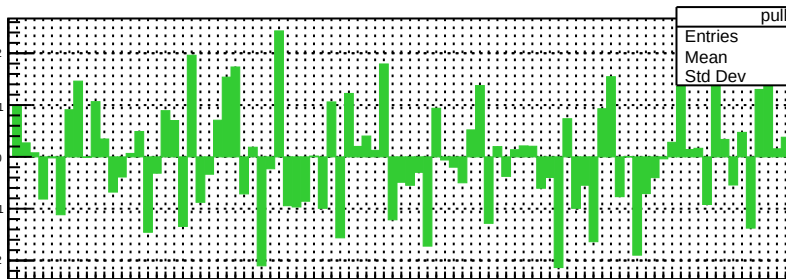
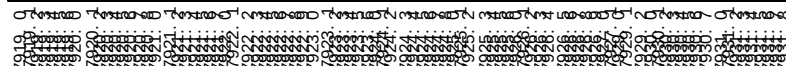
asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs run



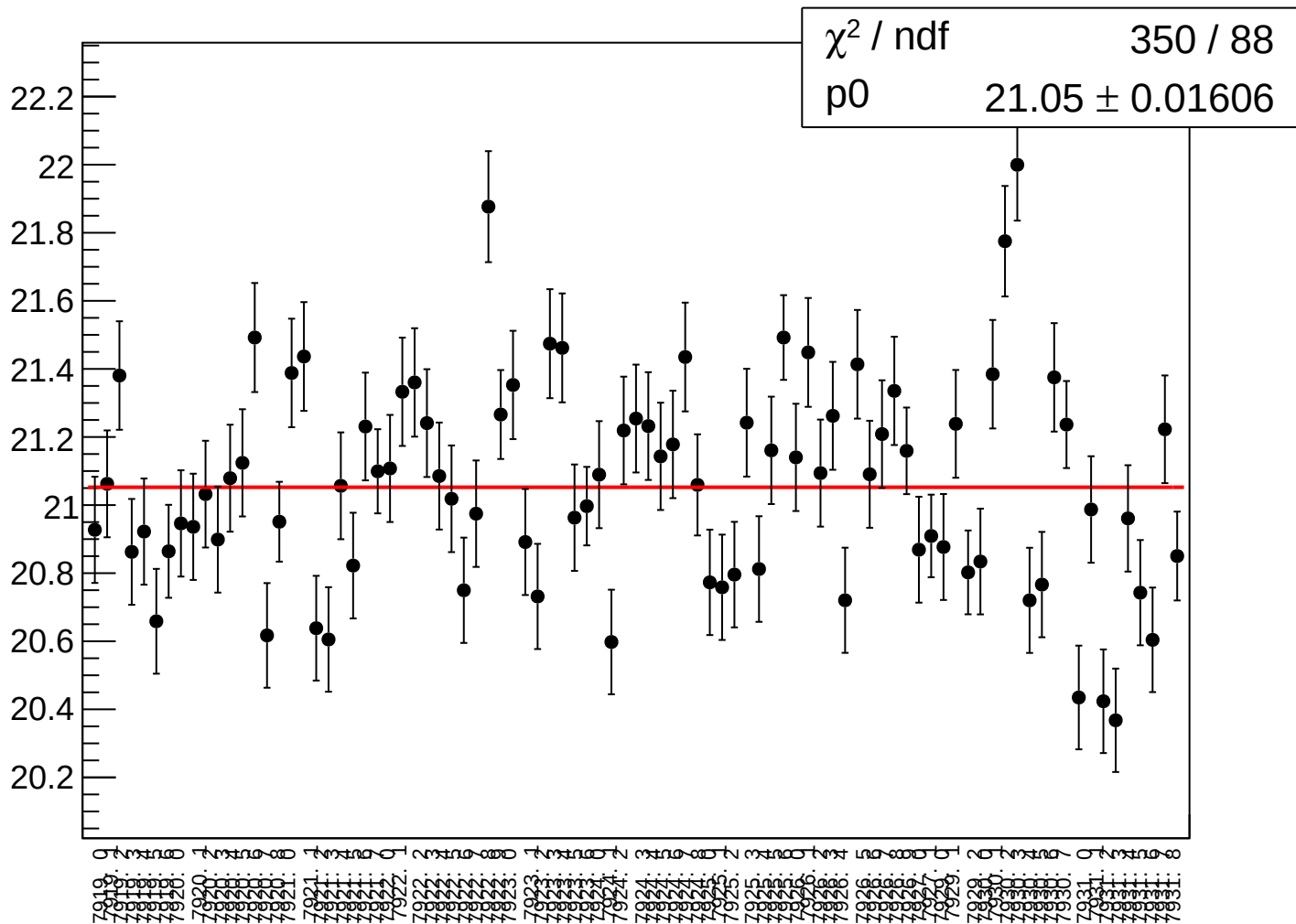
asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs run



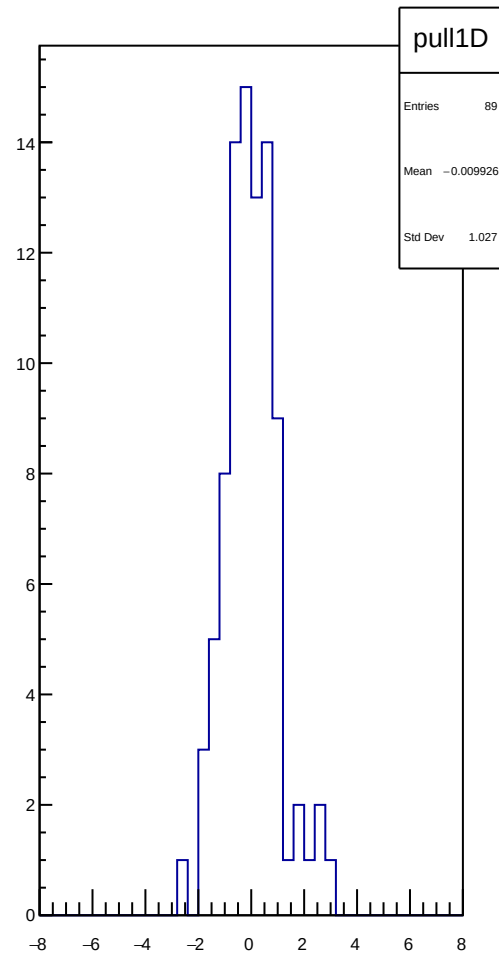
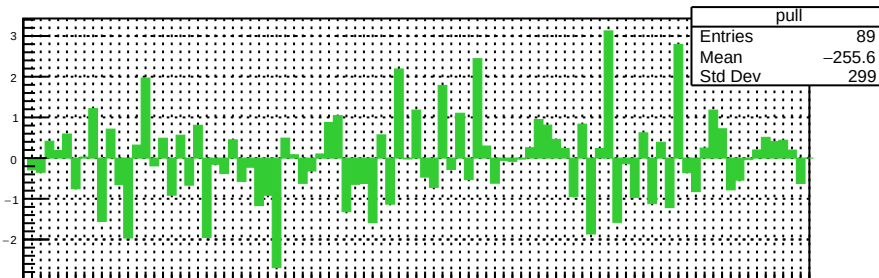
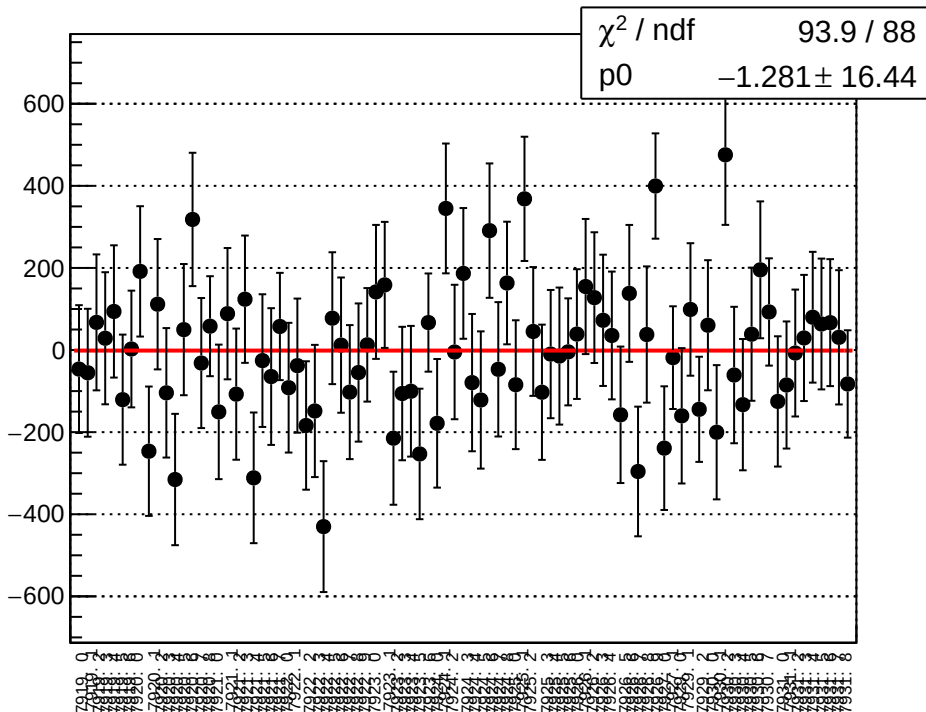
χ^2 / ndf 89.88
 p_0 -1.294 ± 0.001



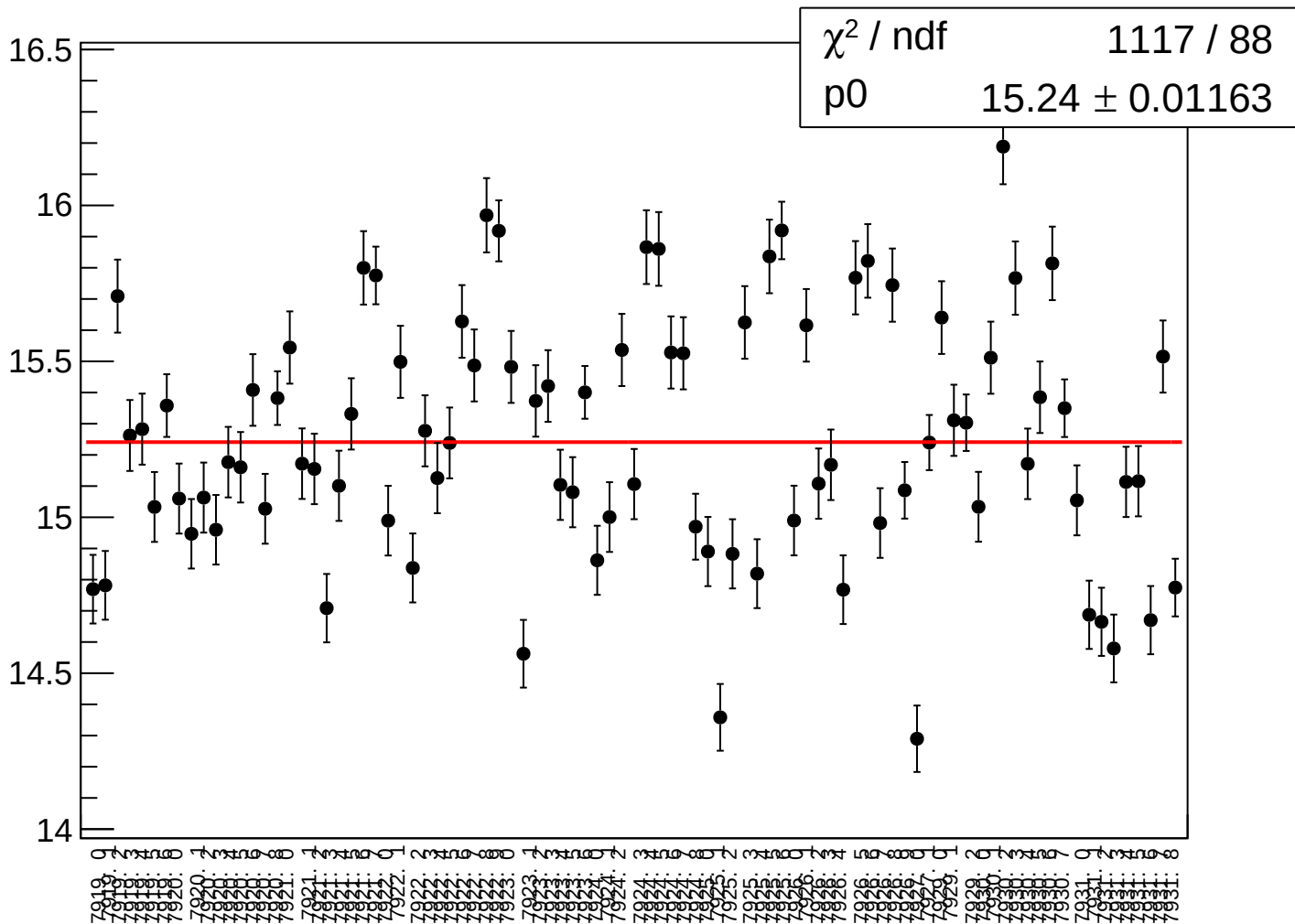
asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs run



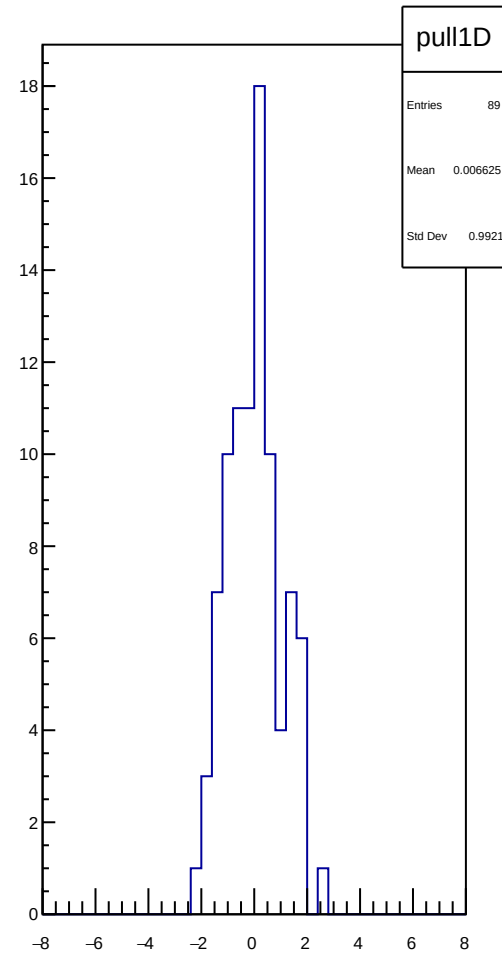
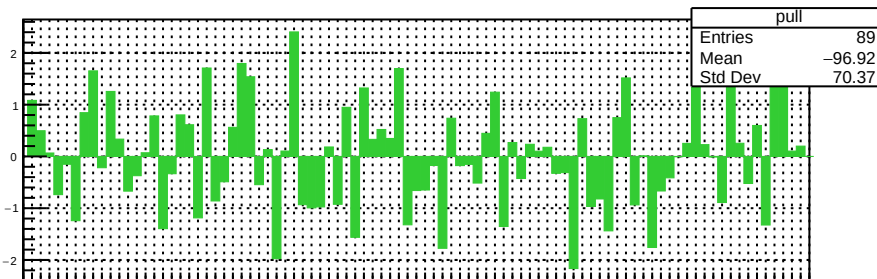
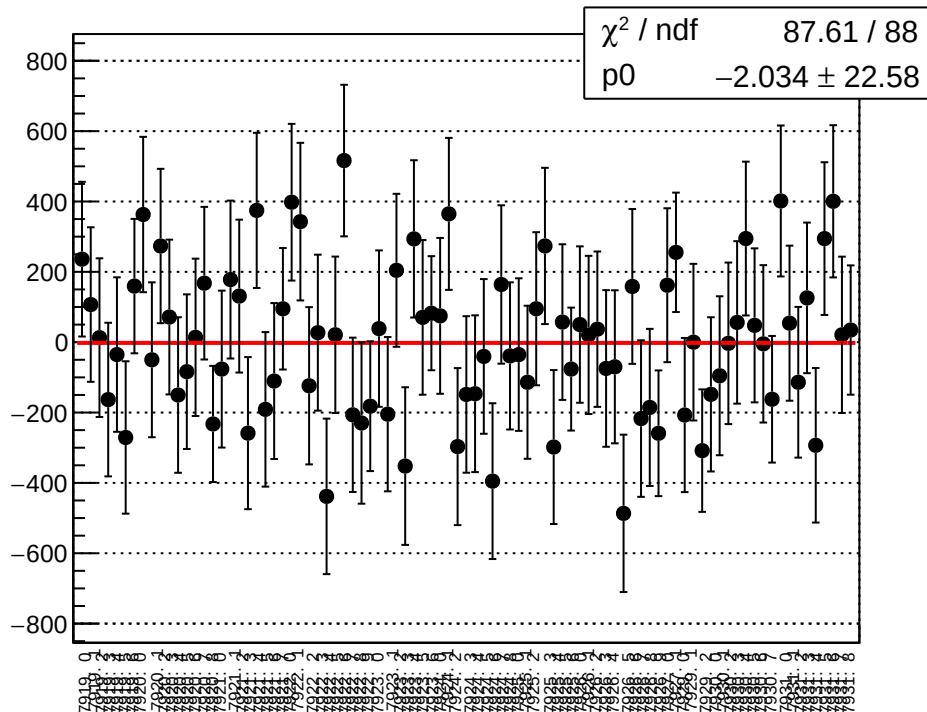
asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs run



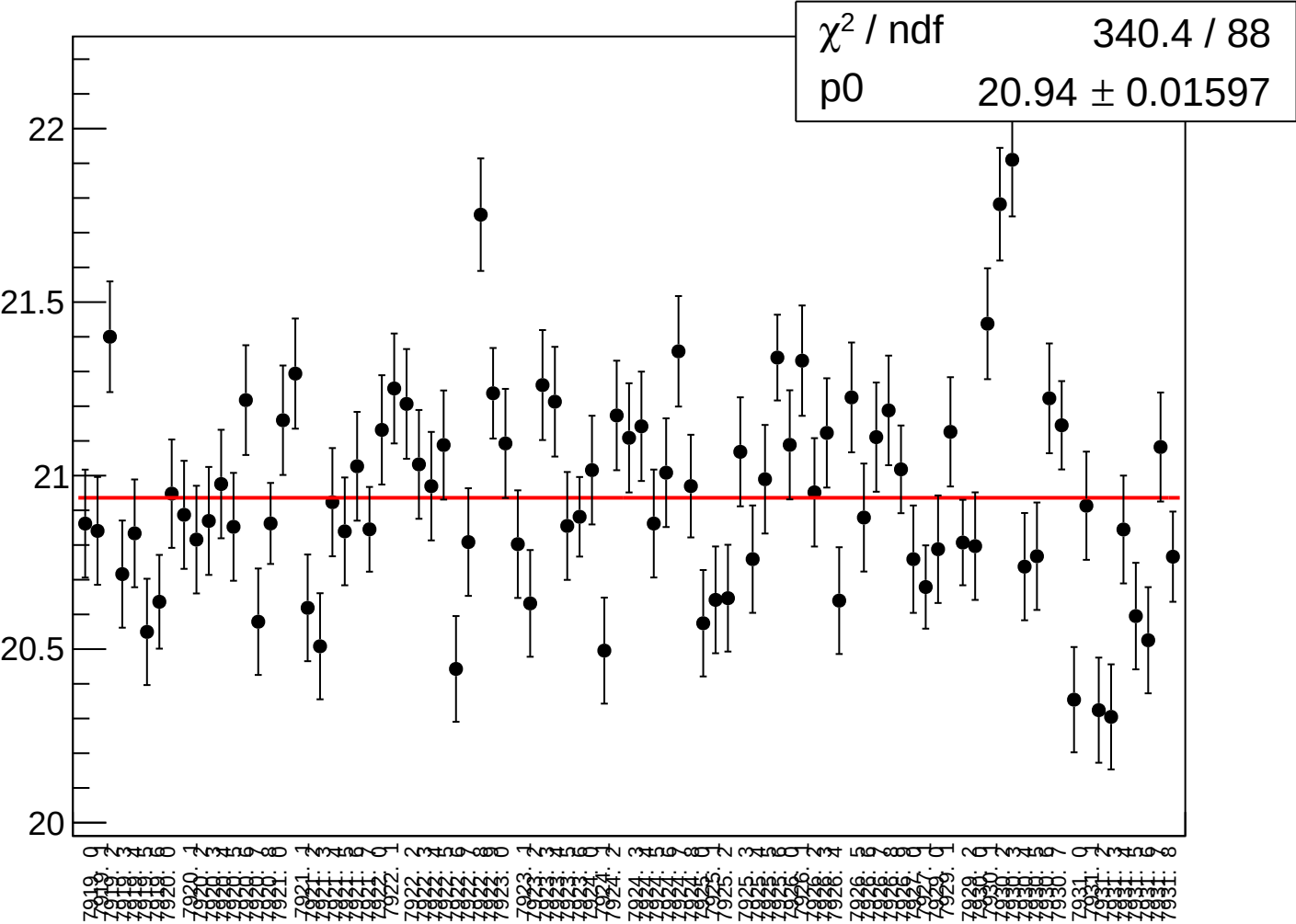
asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs run



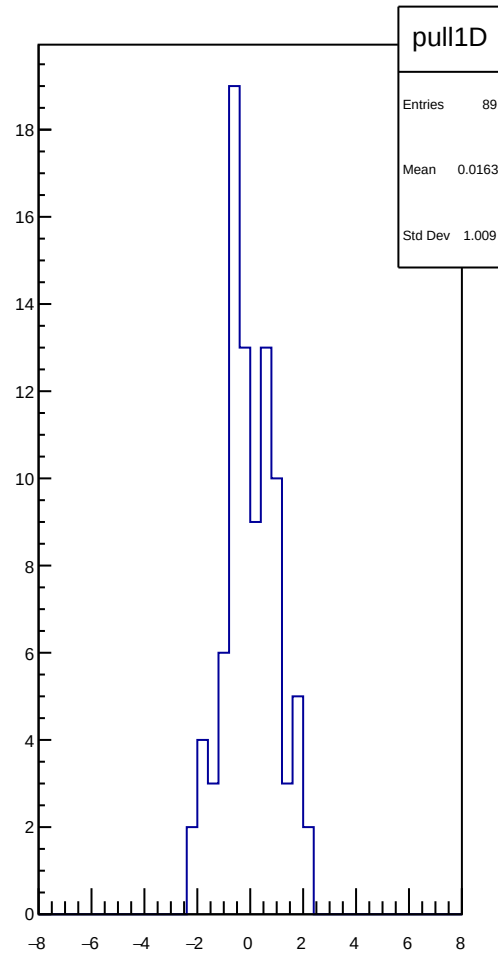
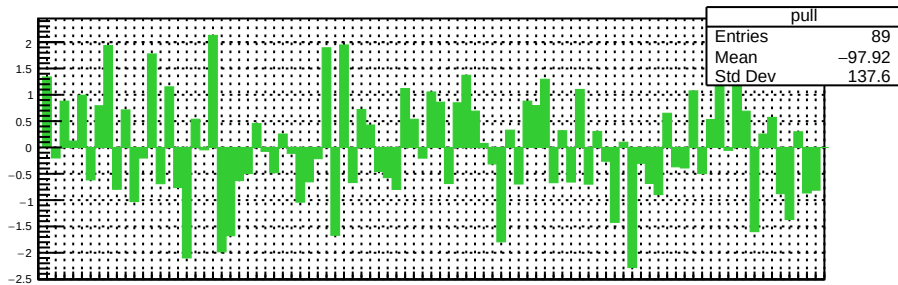
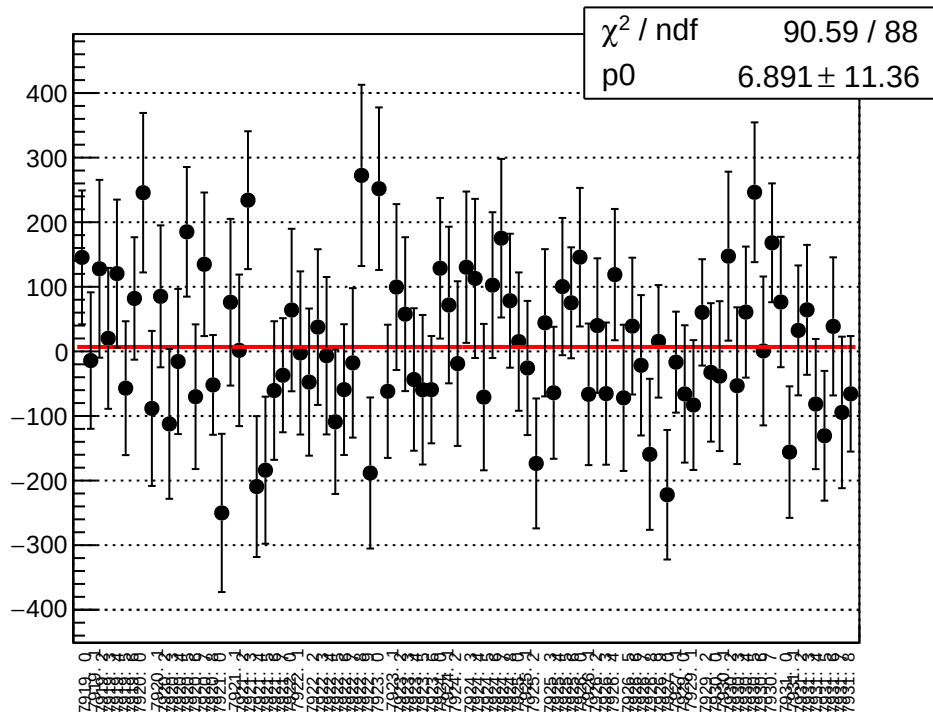
asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs run



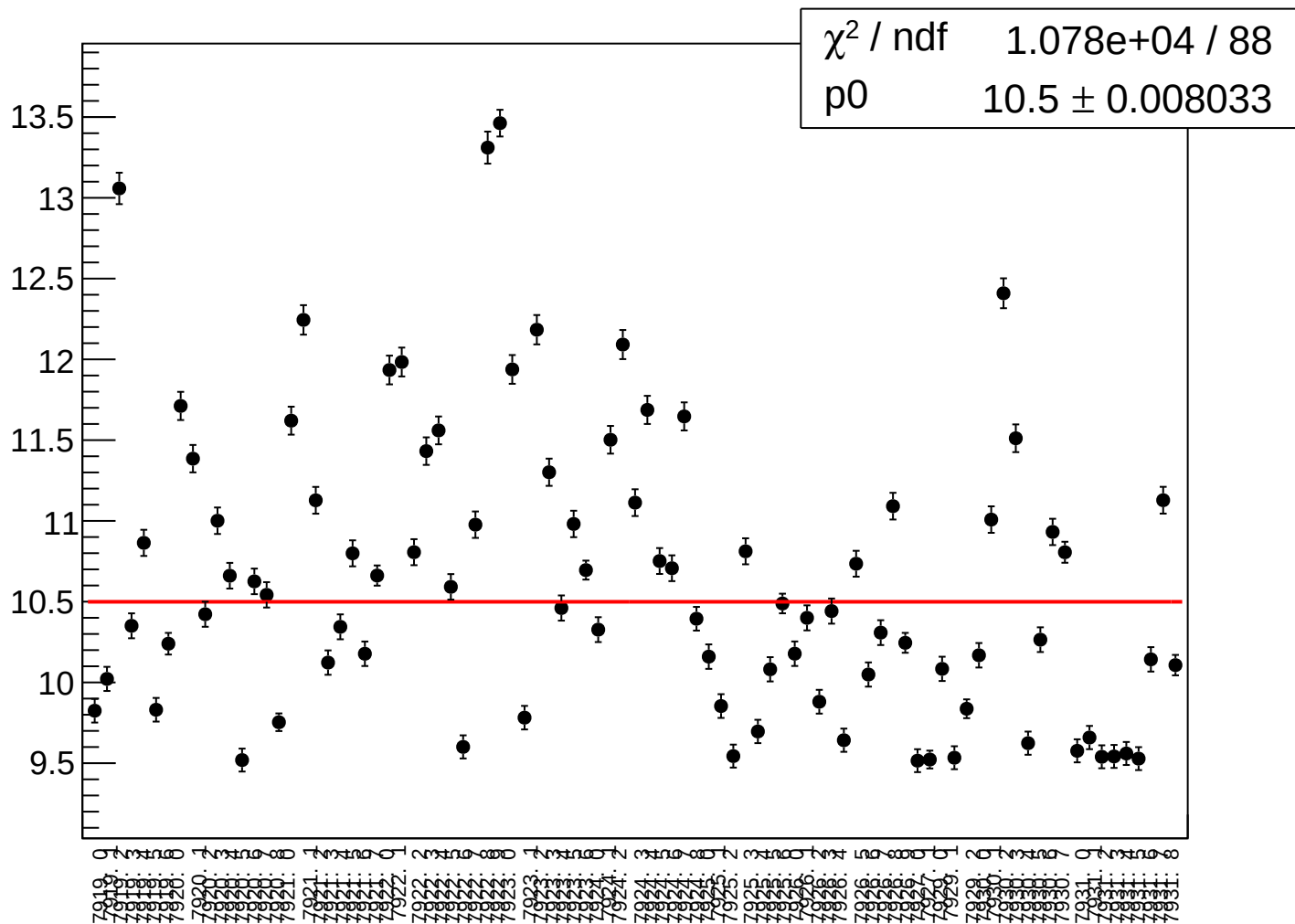
asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs run



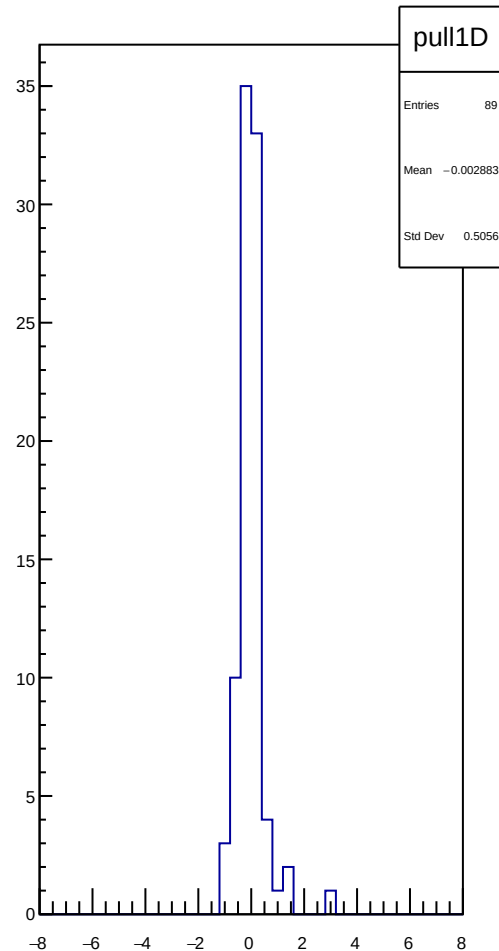
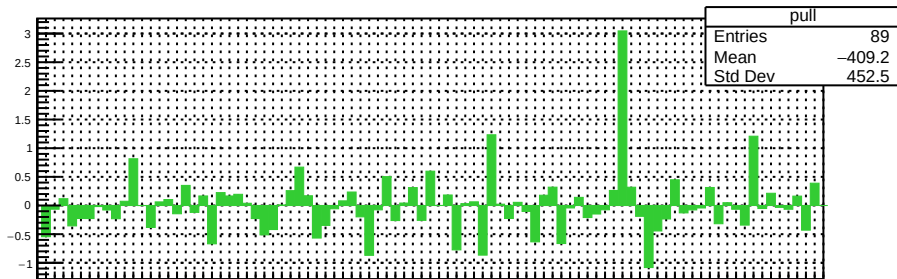
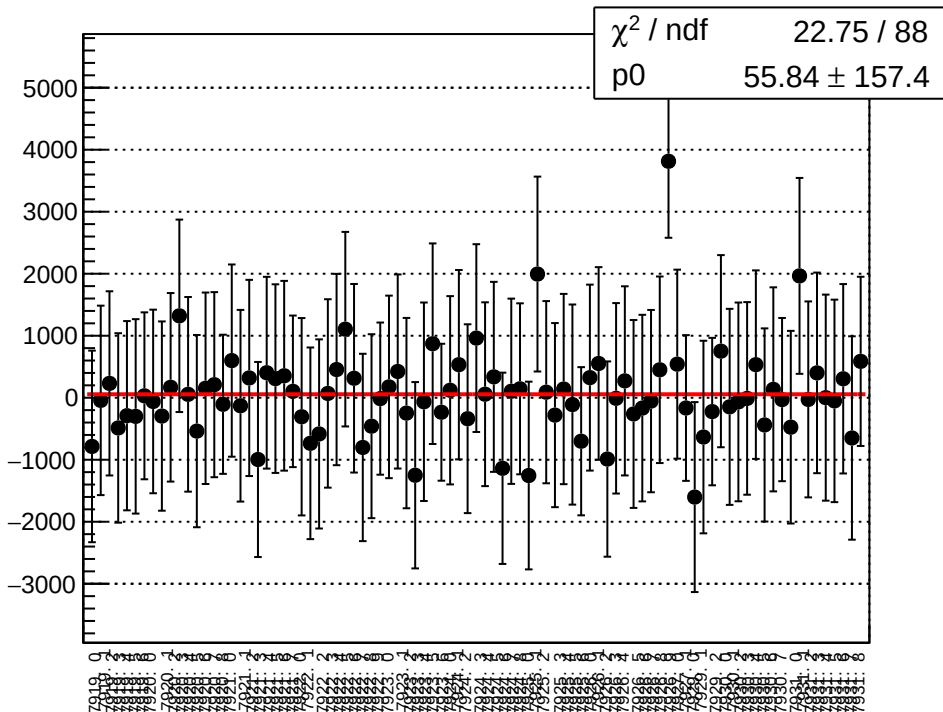
asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs run



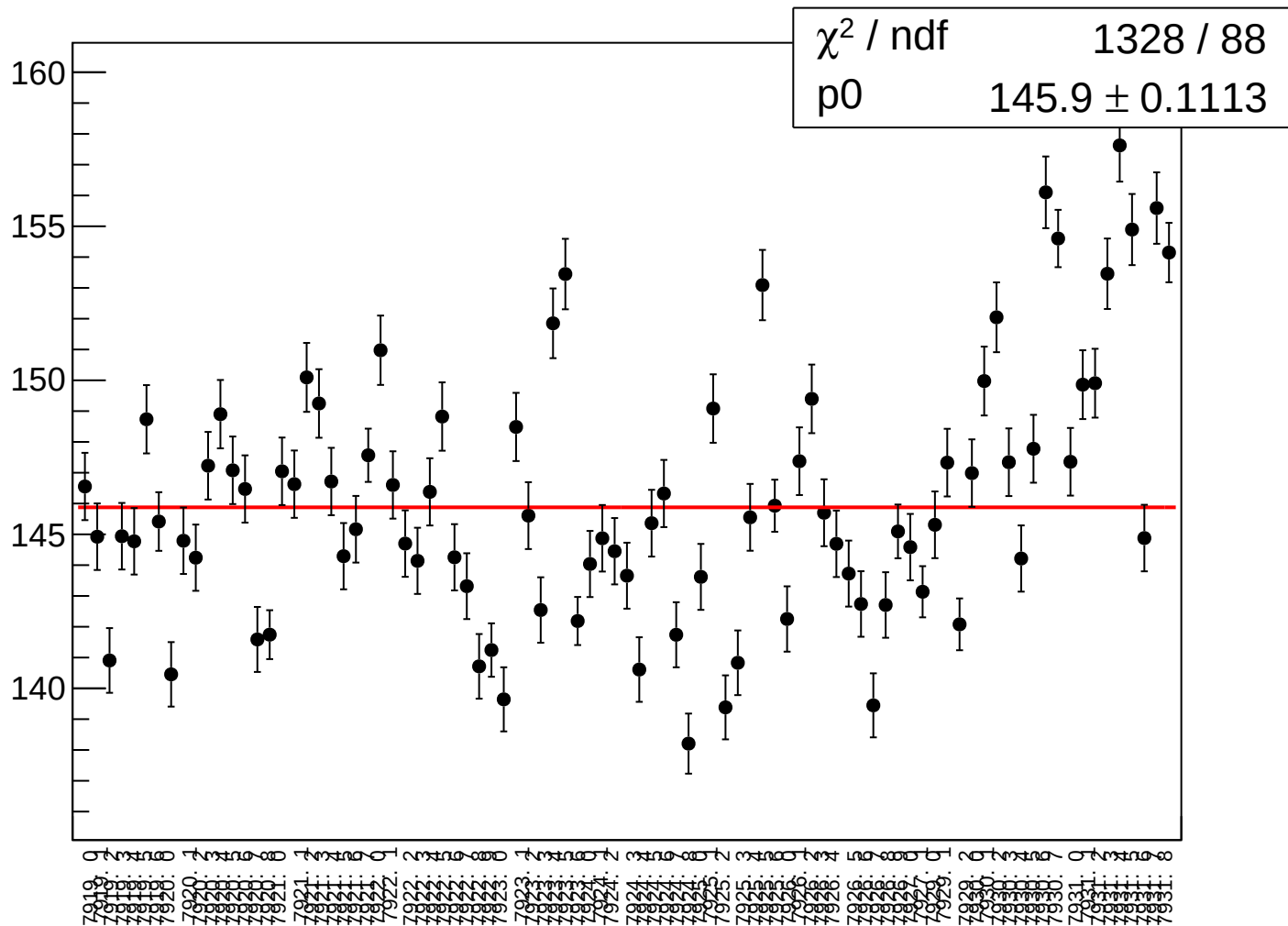
asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs run



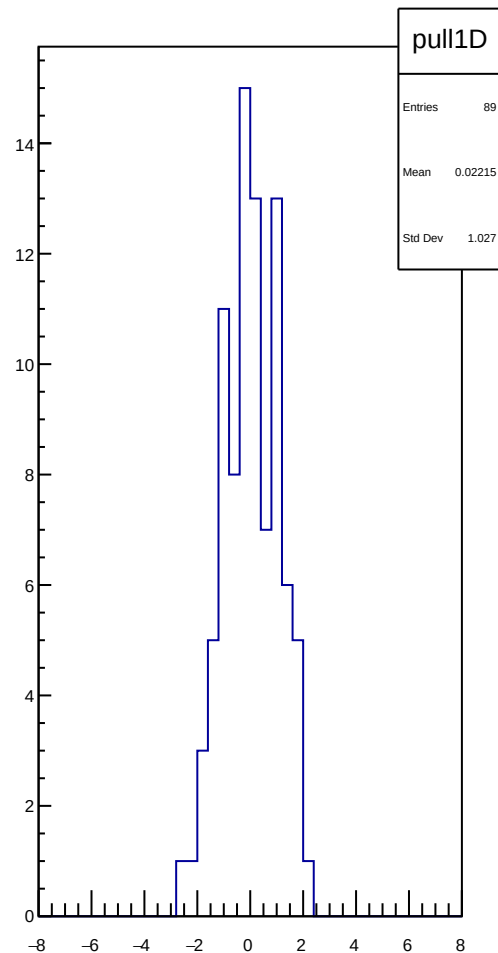
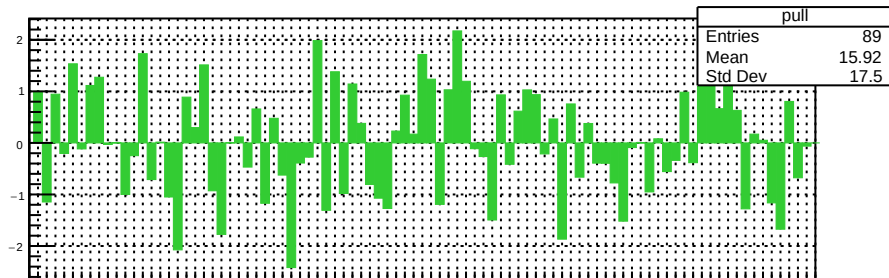
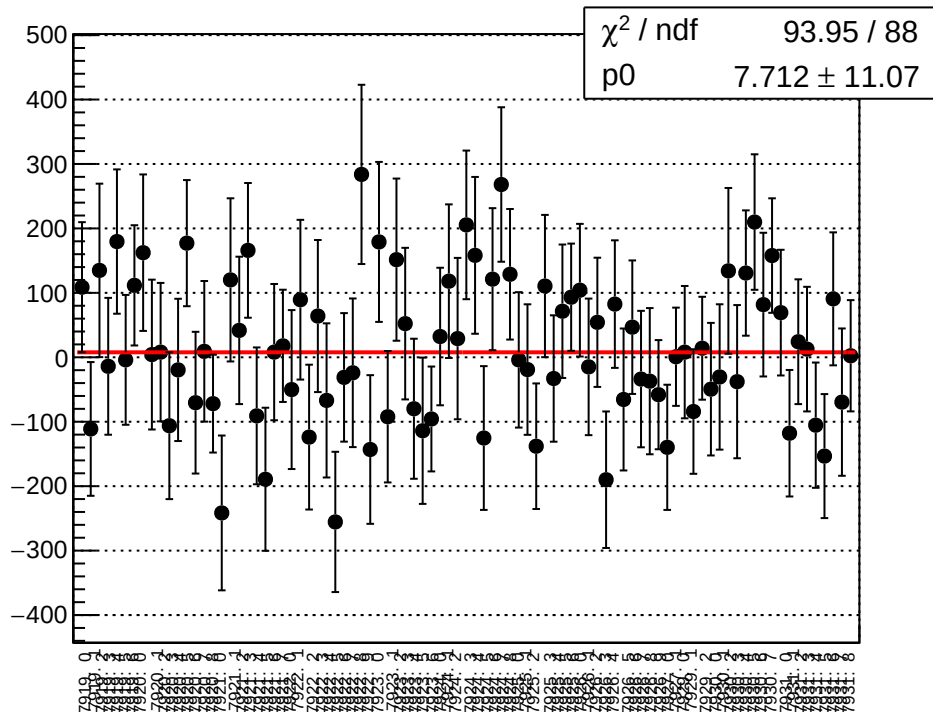
asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs run



asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs run

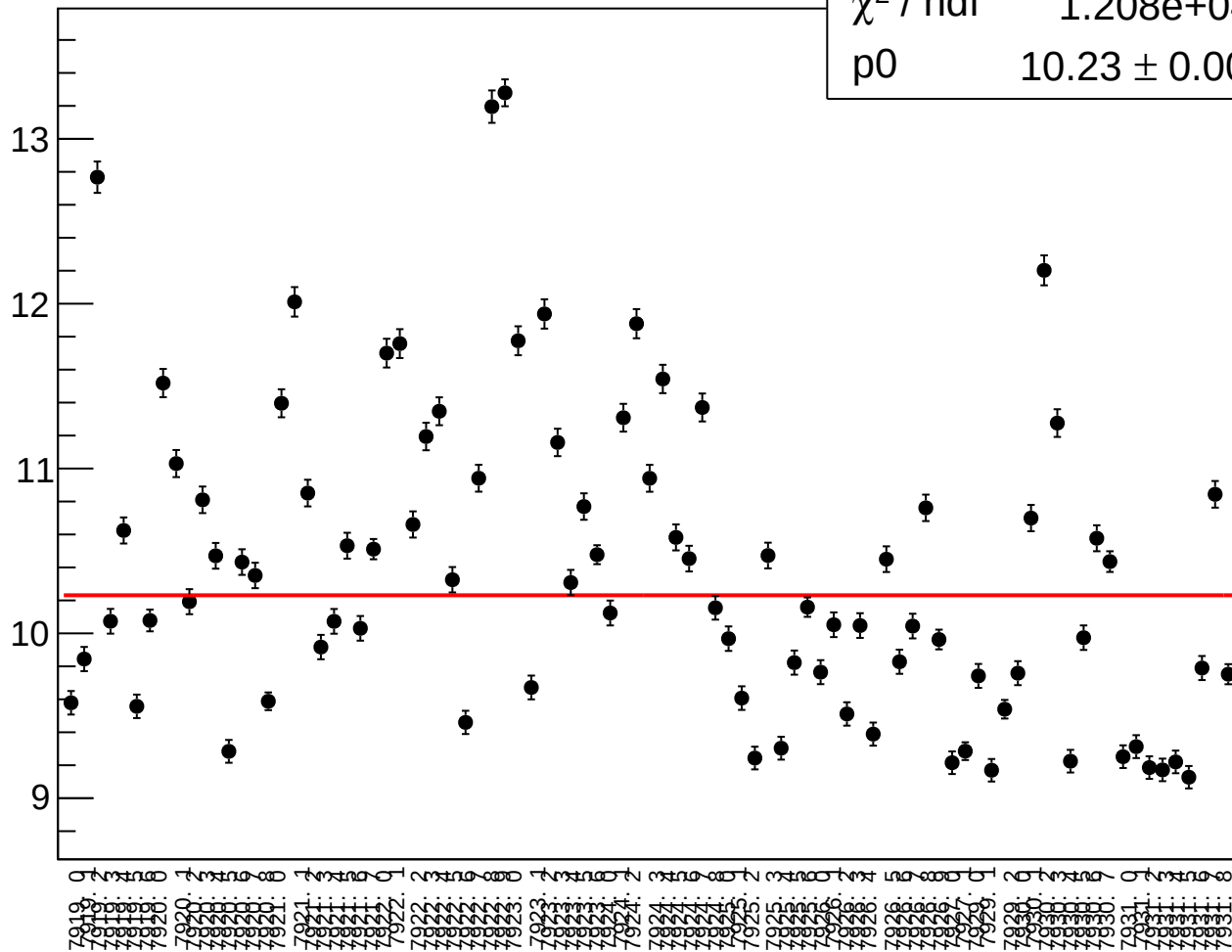


asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs run

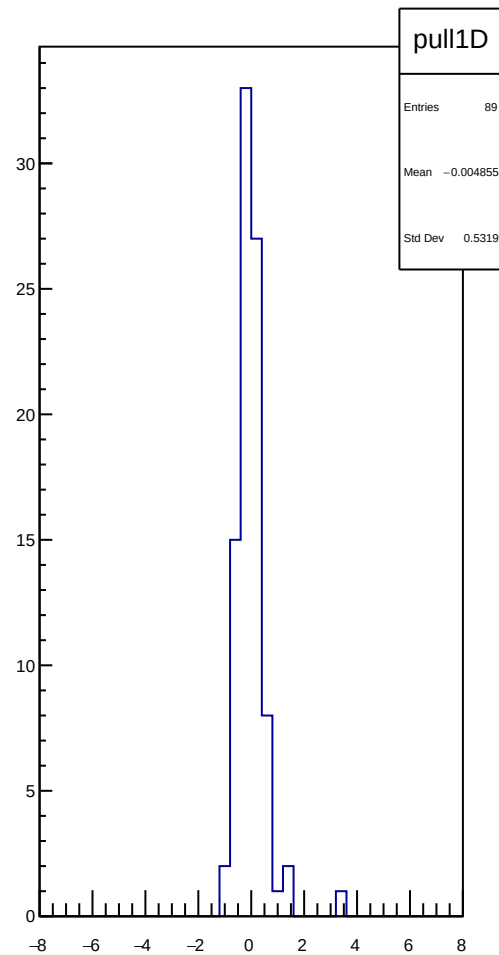
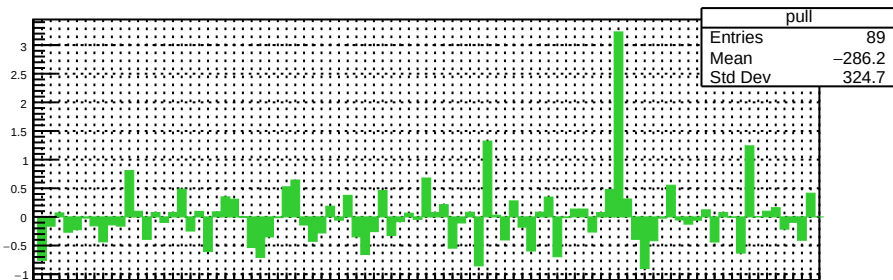
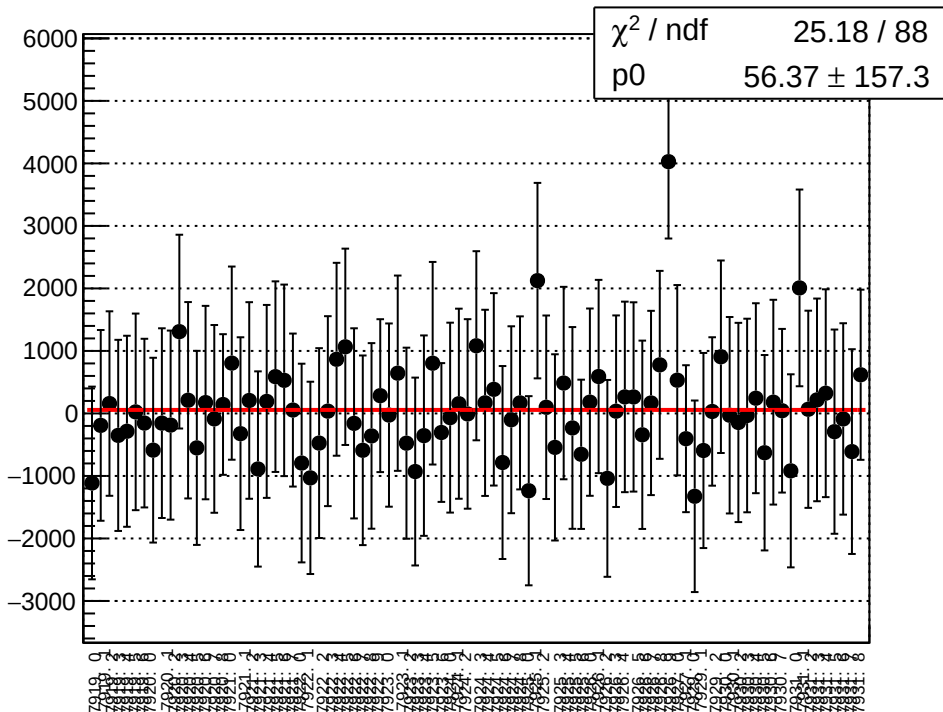


asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs run

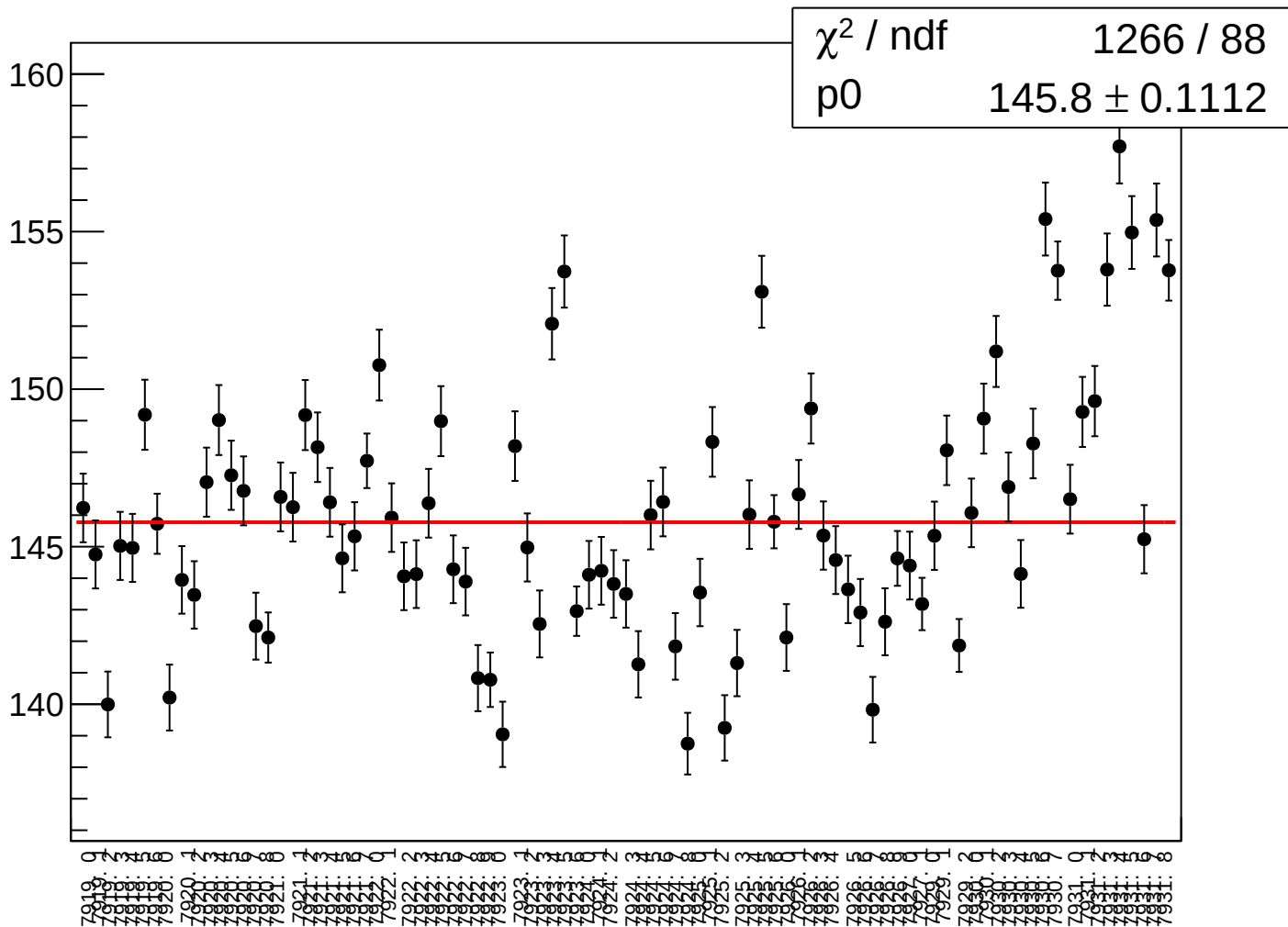
χ^2 / nfd 1.208e+04 / 88
p0 10.23 ± 0.007831



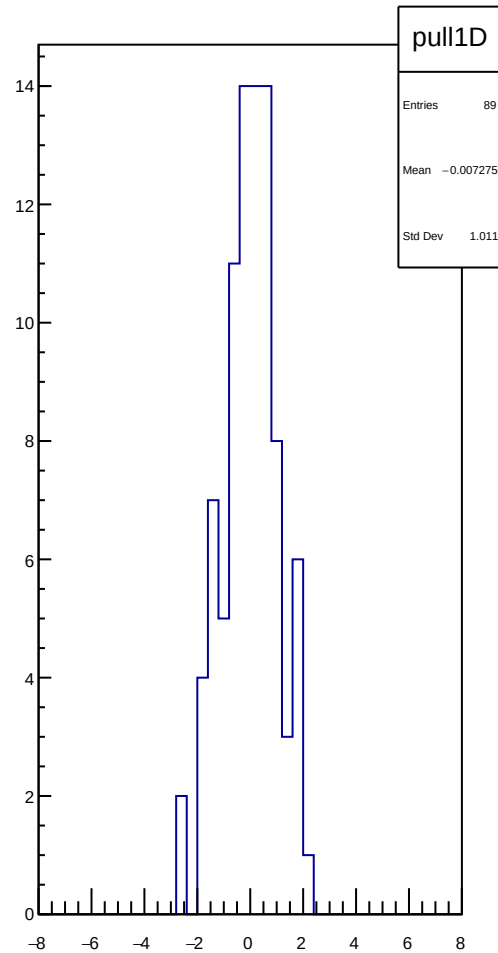
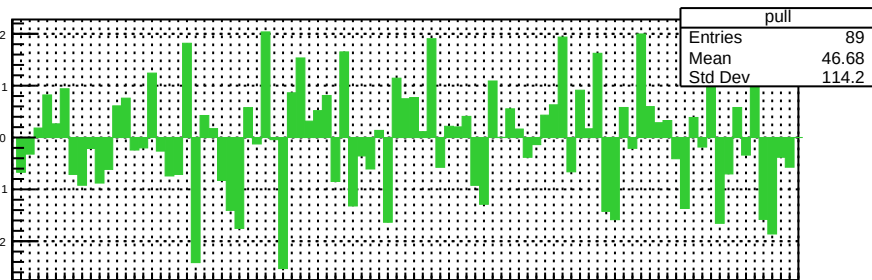
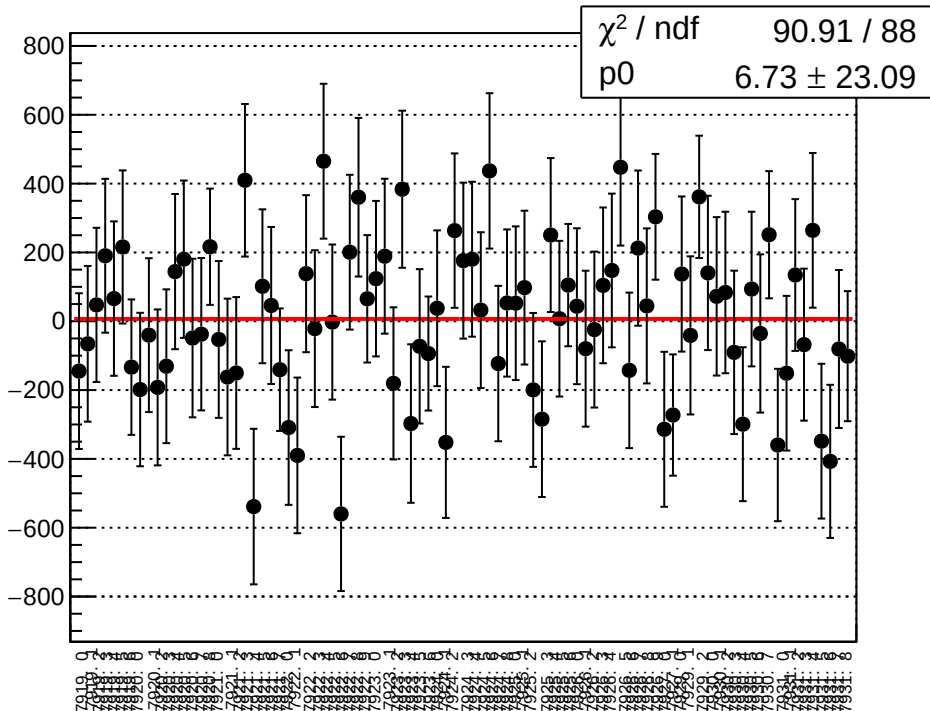
asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs run



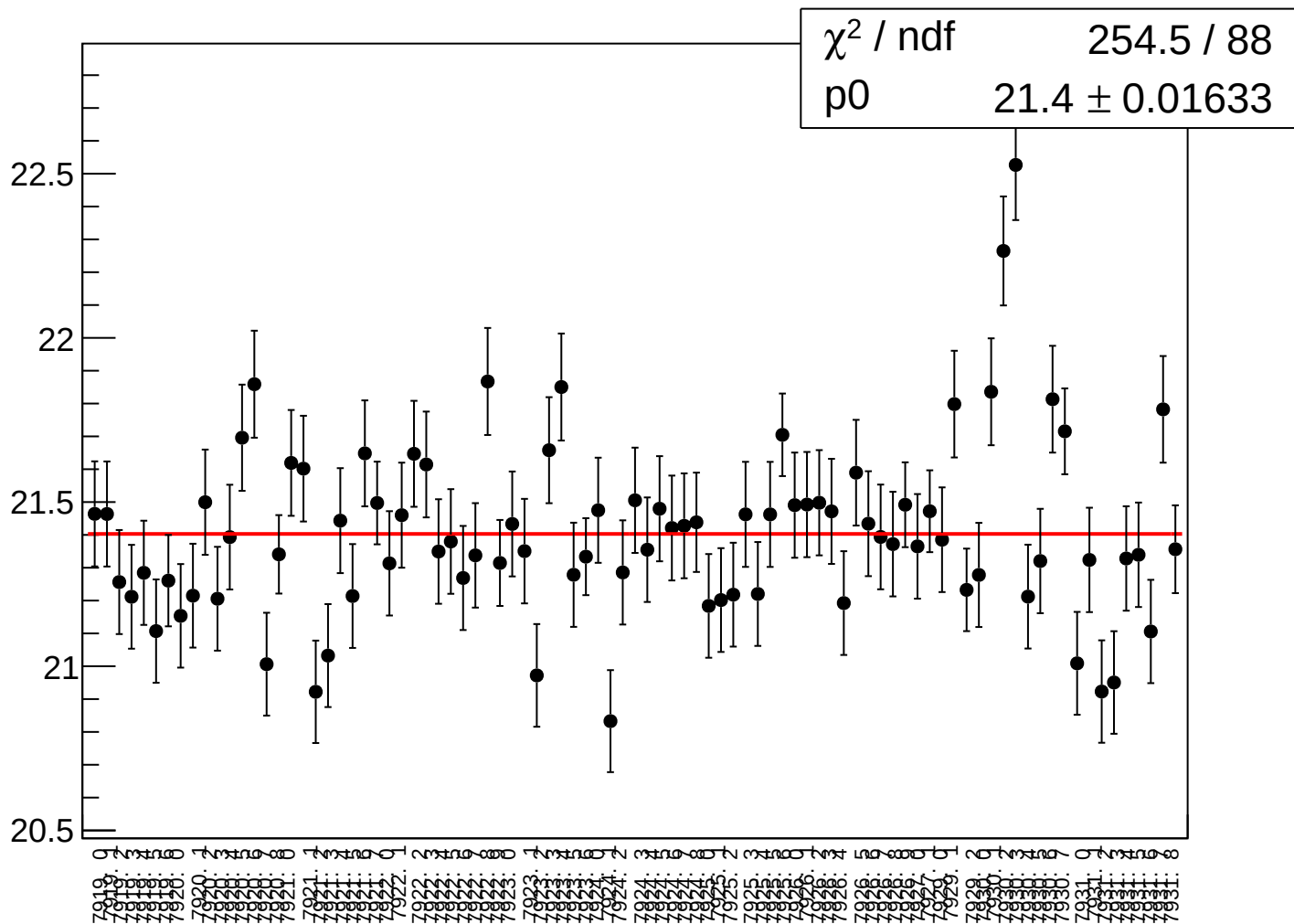
asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs run



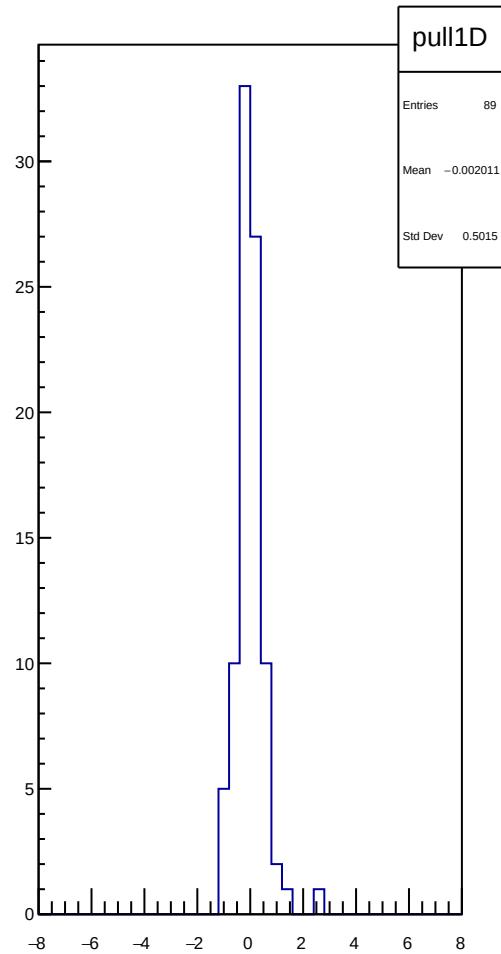
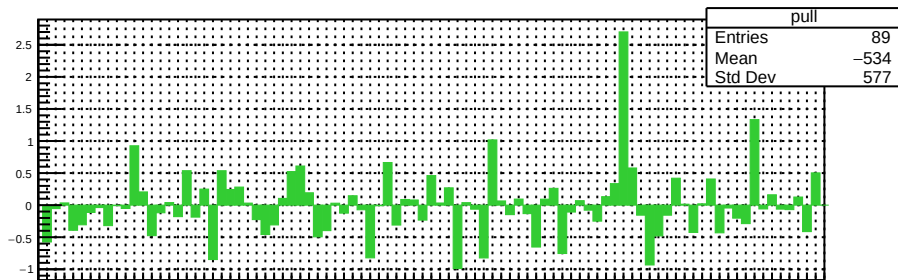
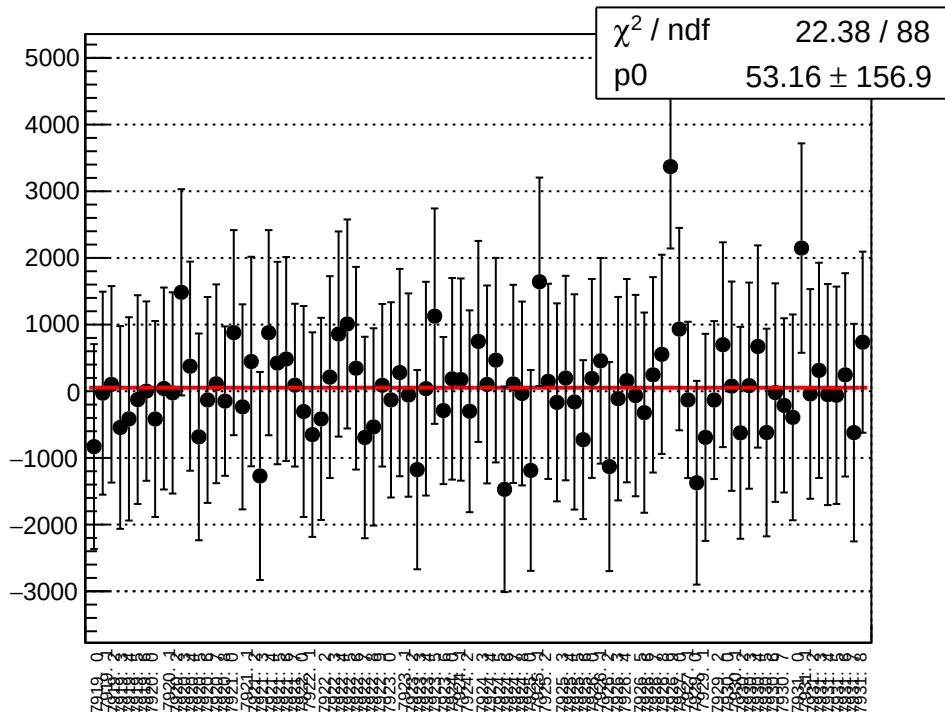
asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs run



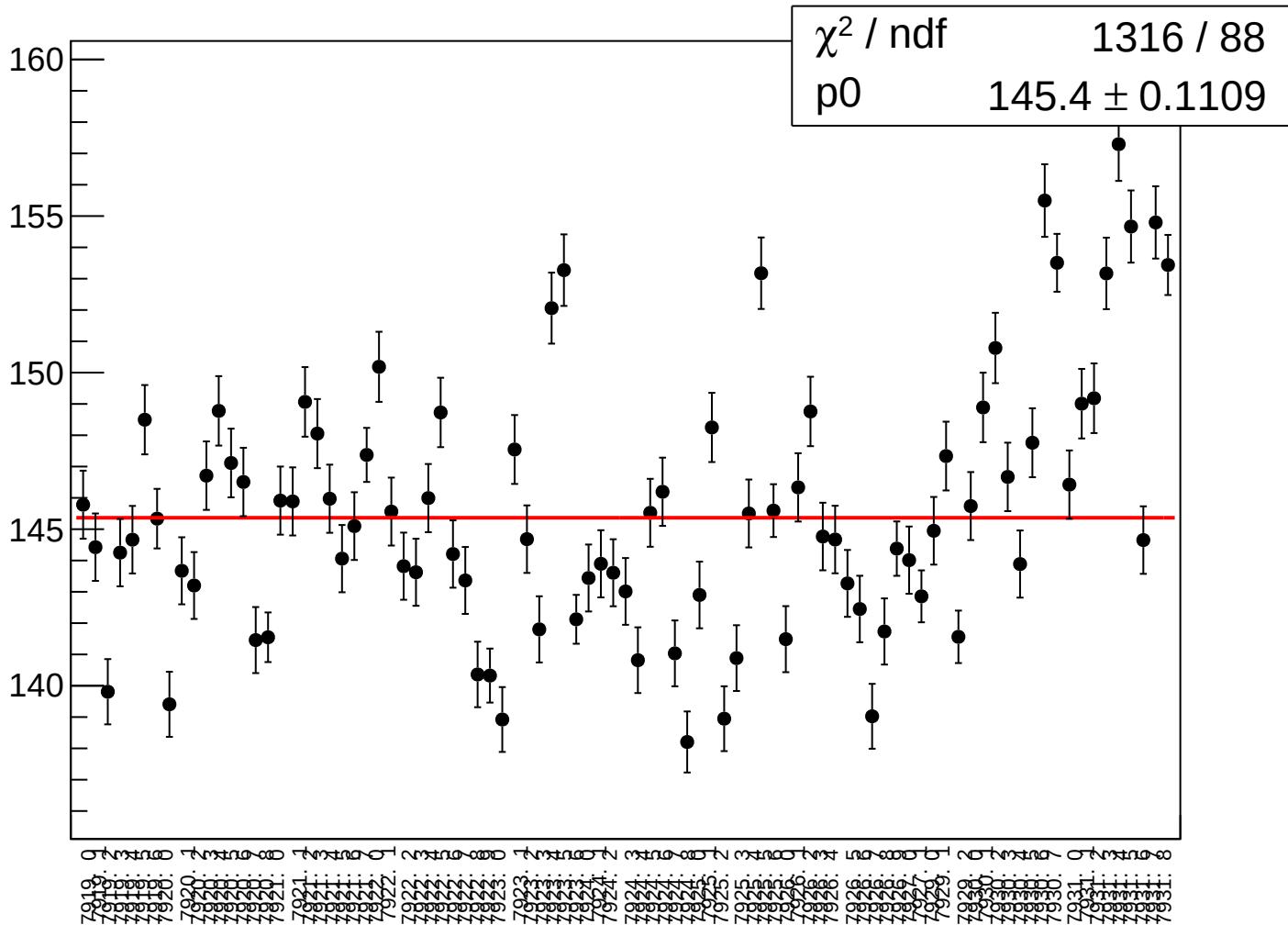
asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs run



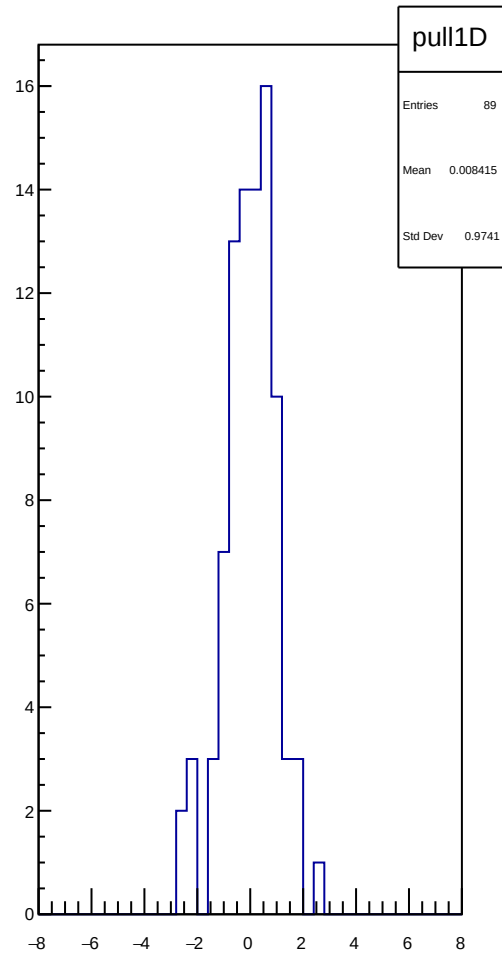
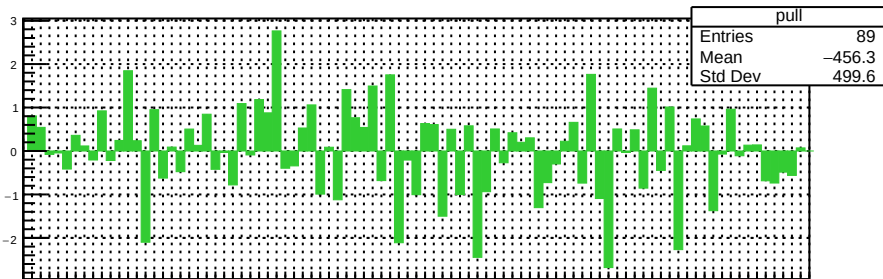
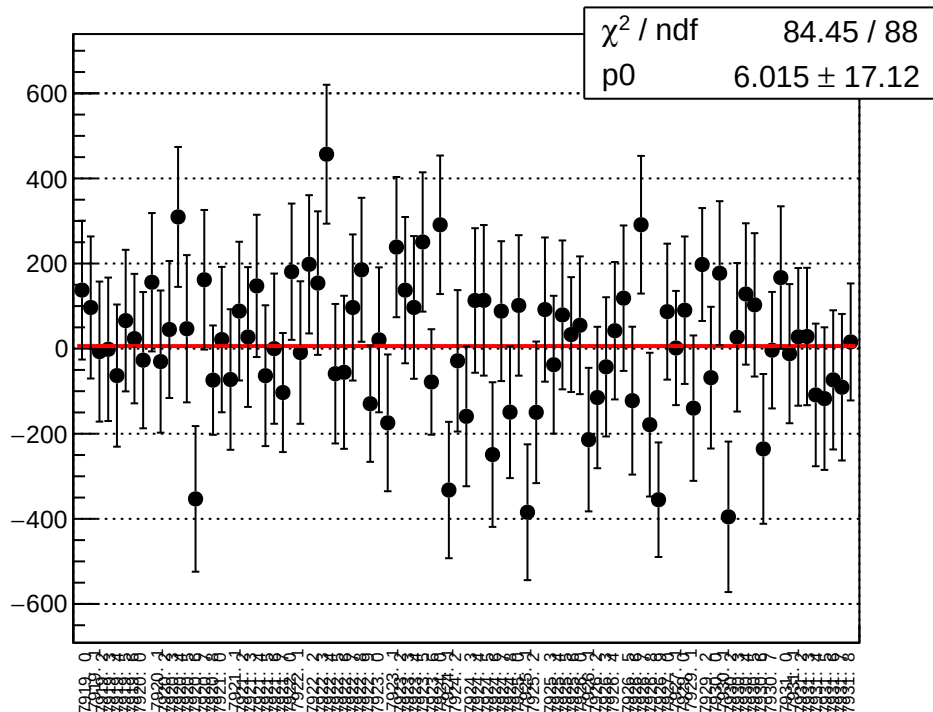
asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs run



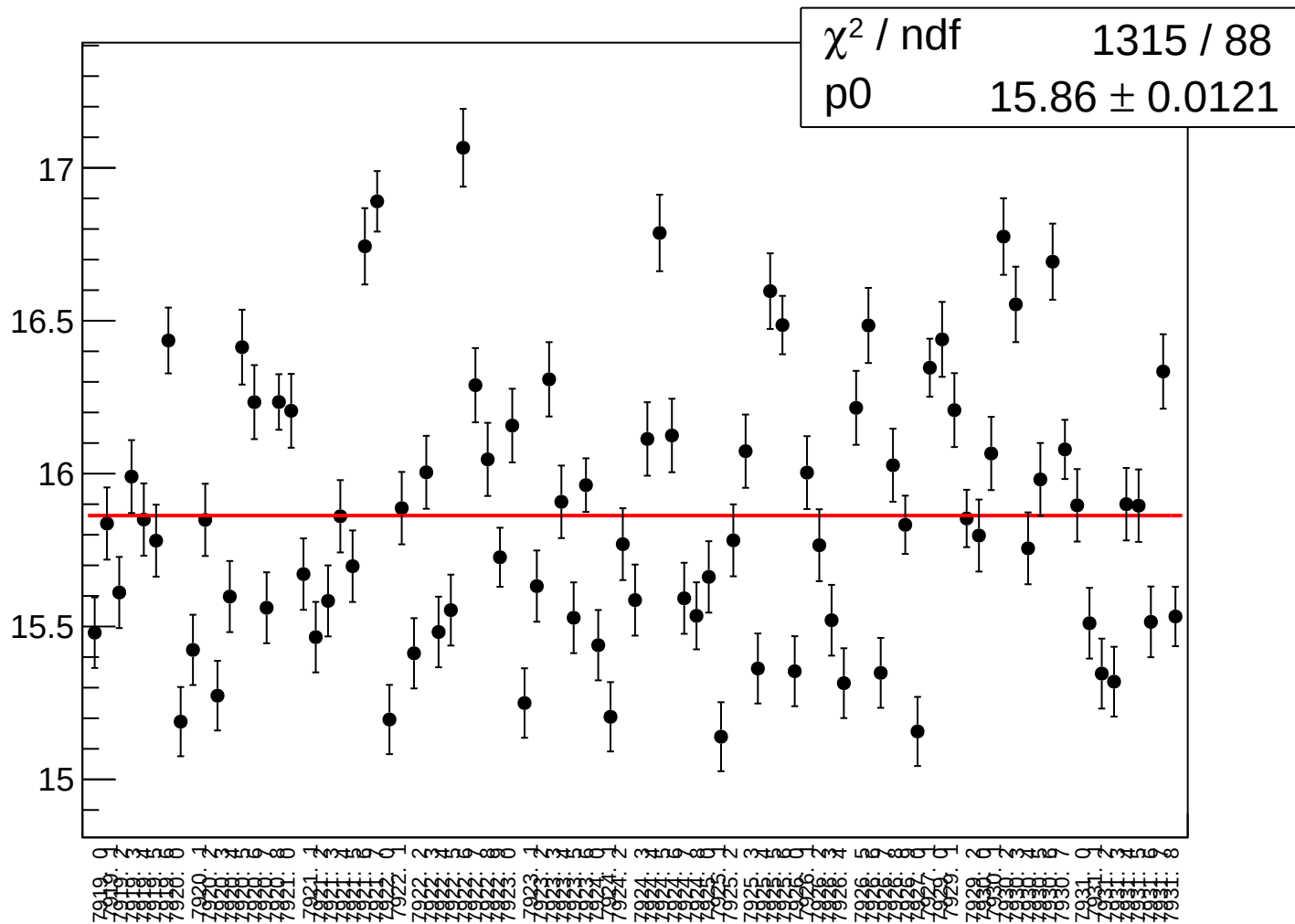
asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs run



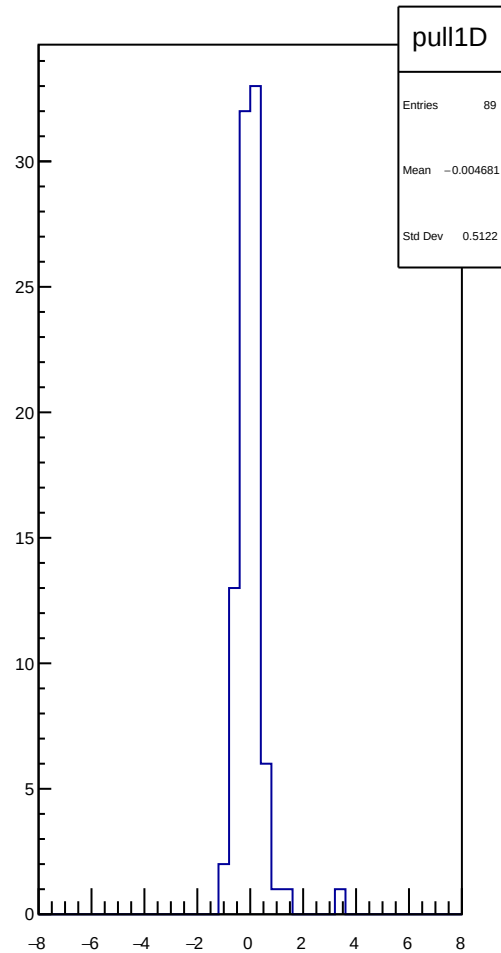
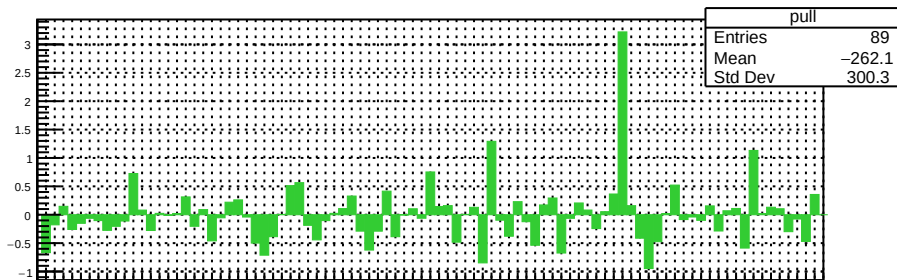
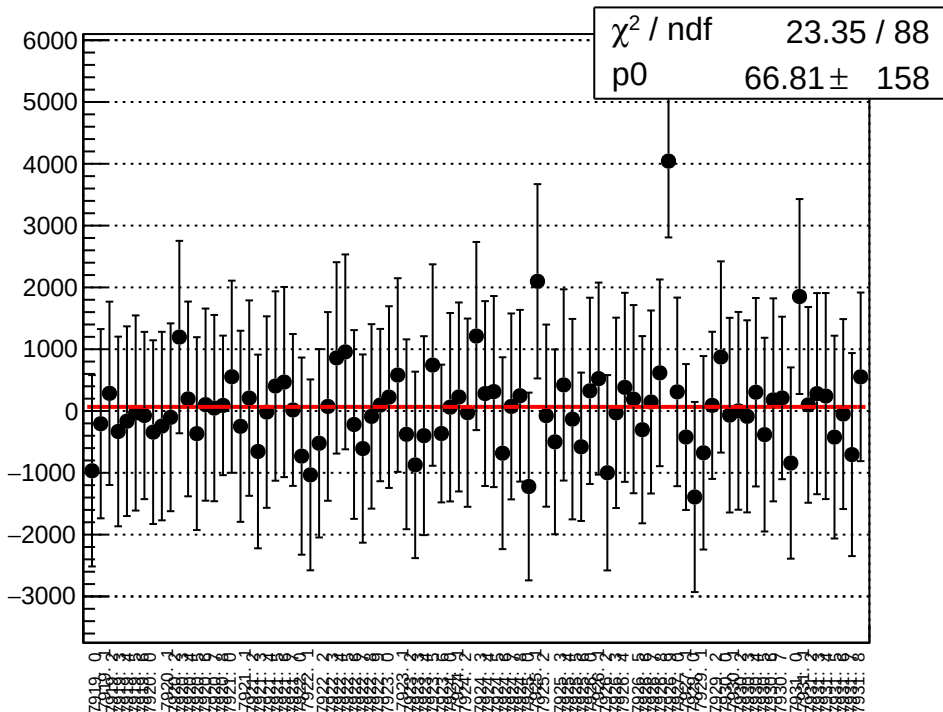
asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs run



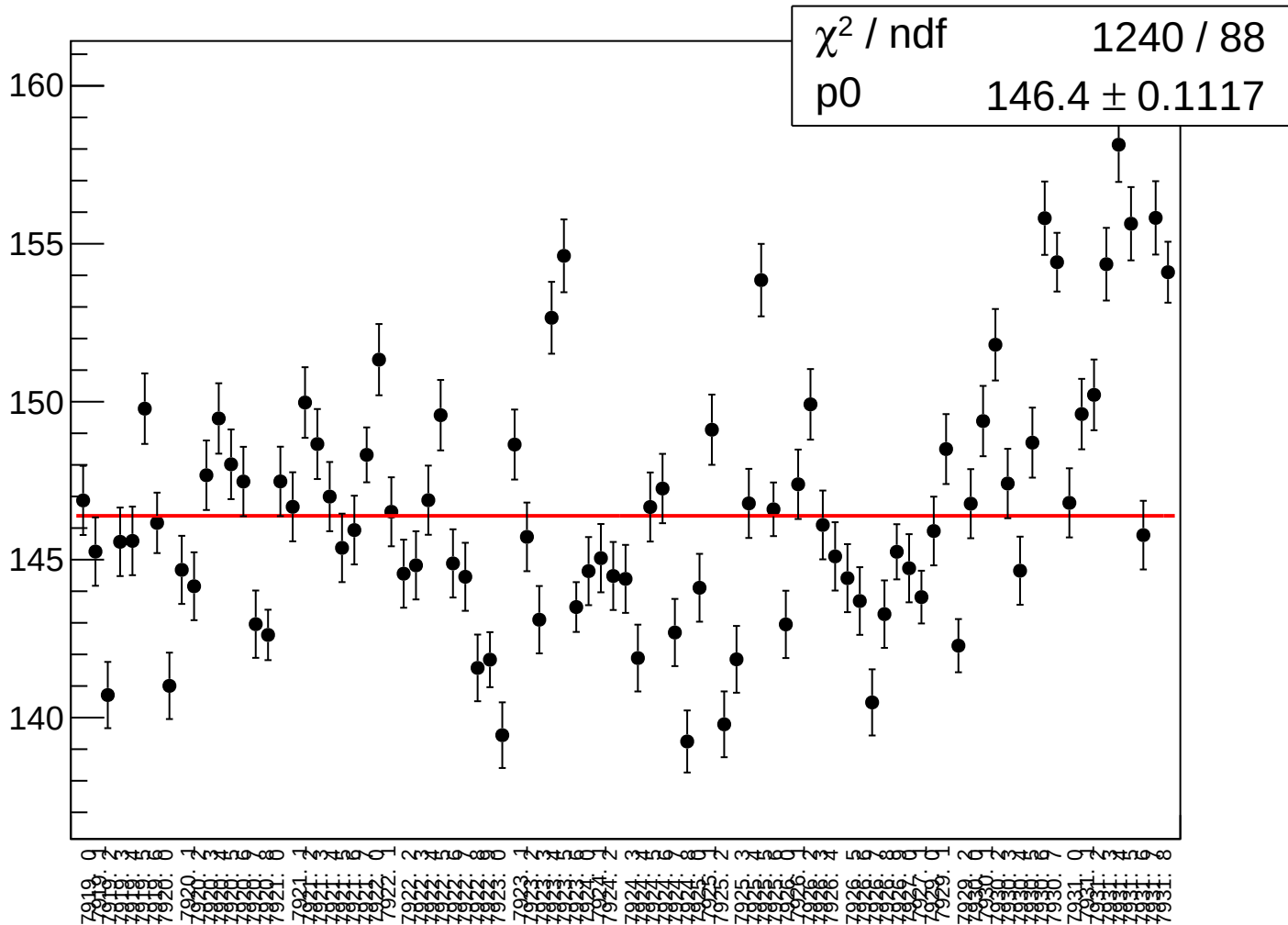
asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs run



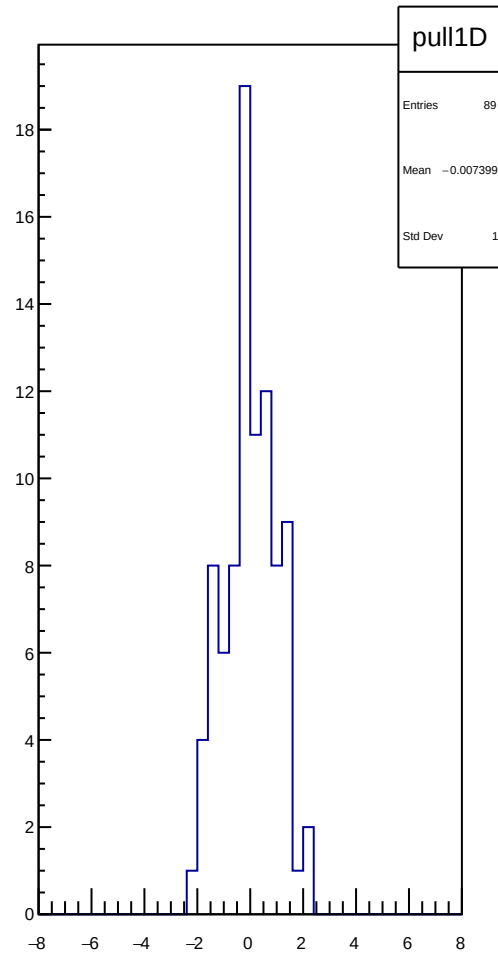
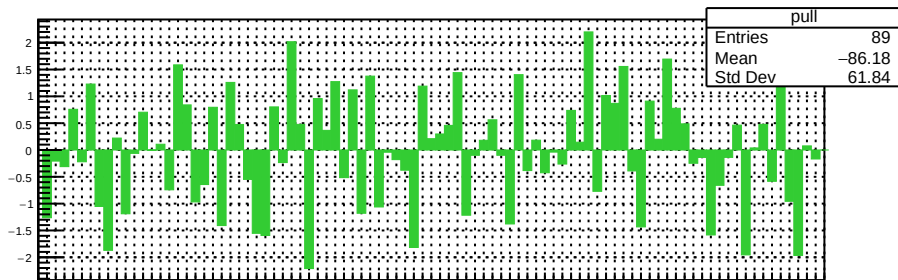
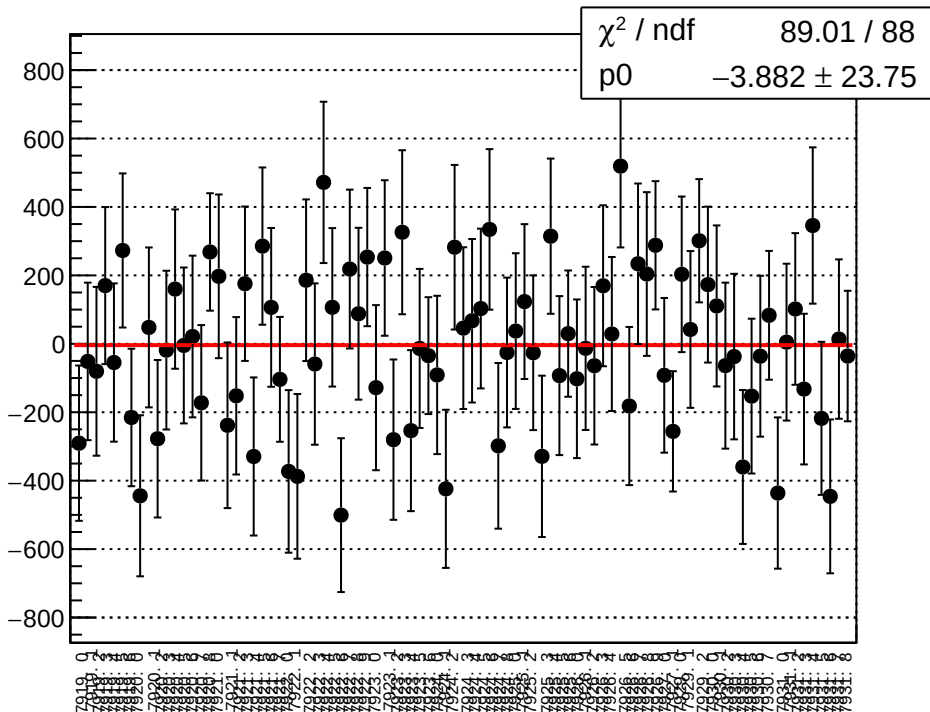
asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs run



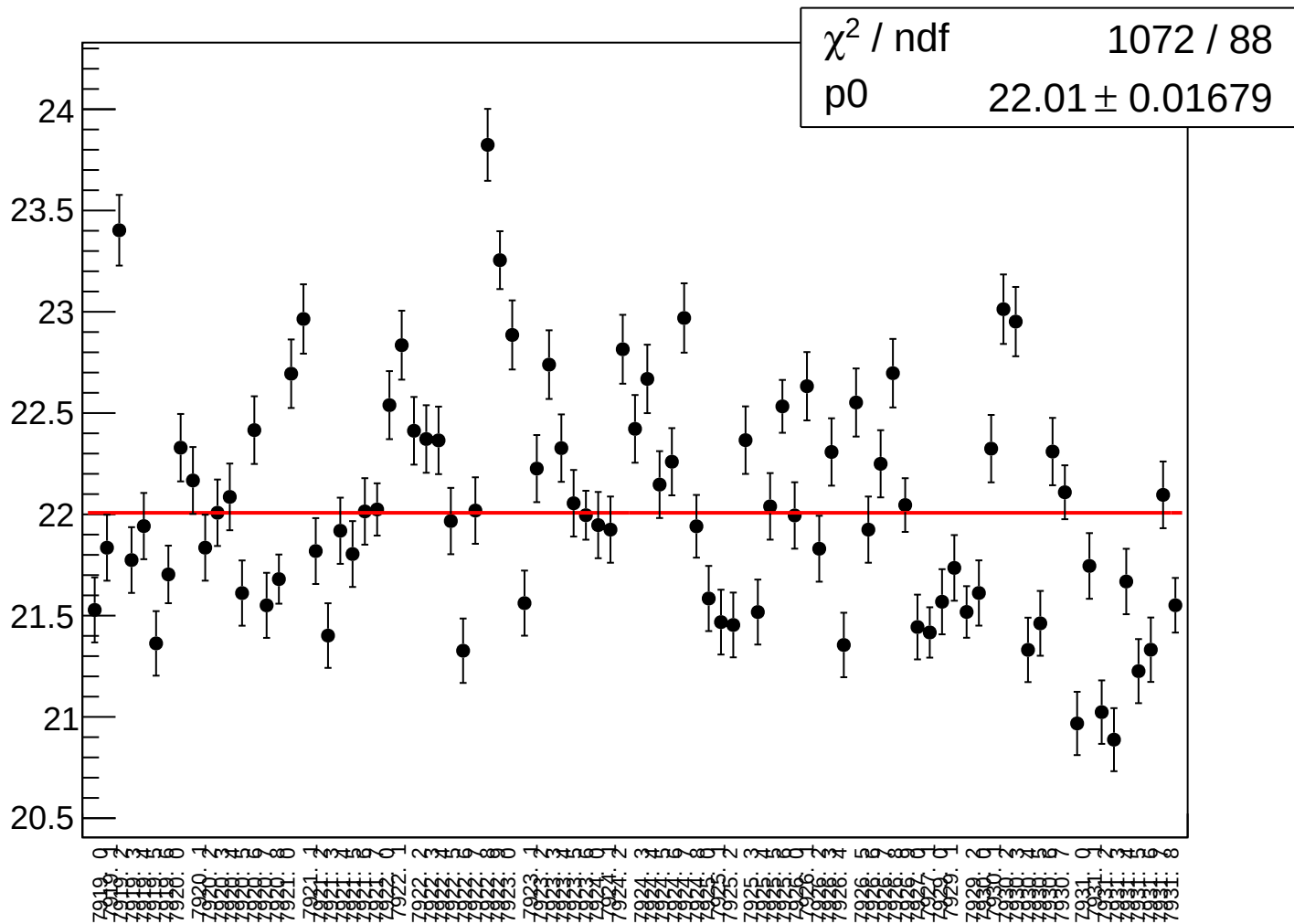
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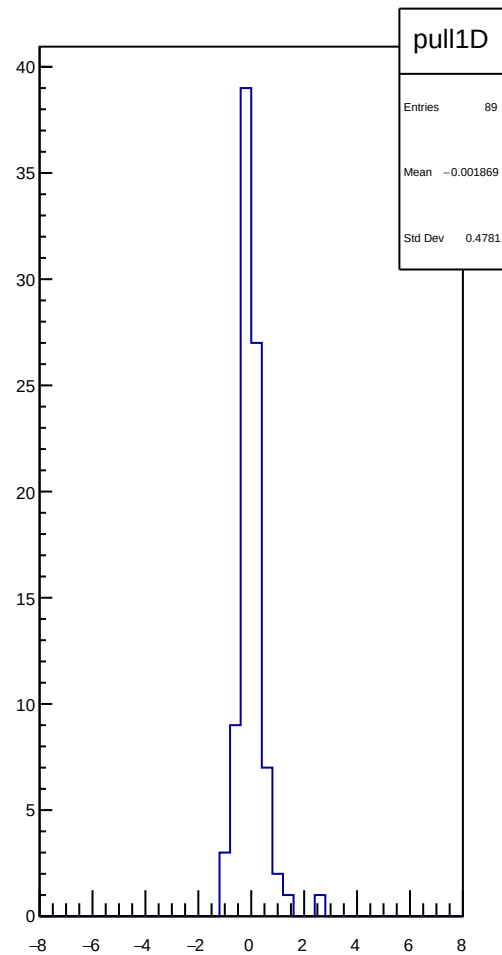
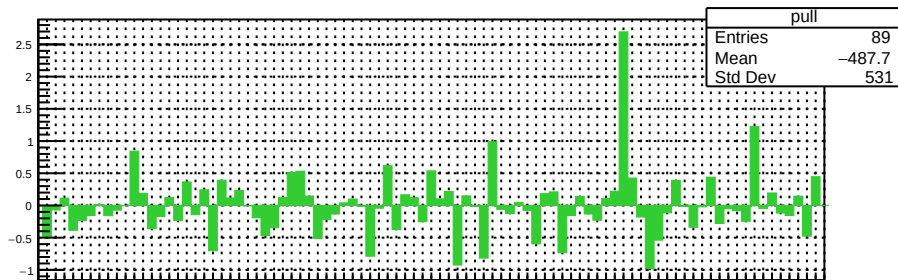
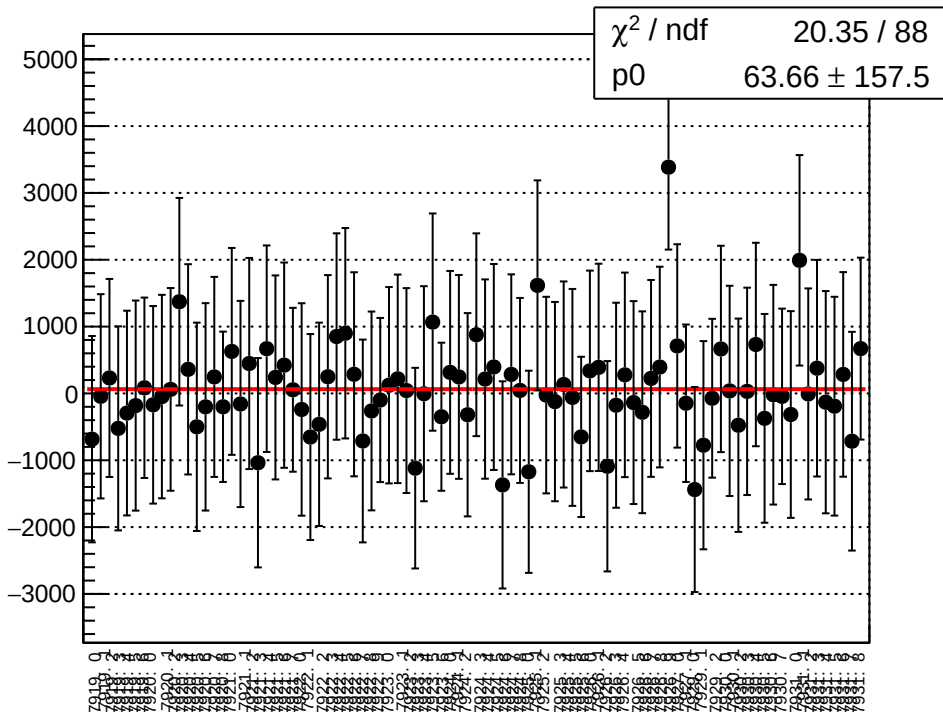
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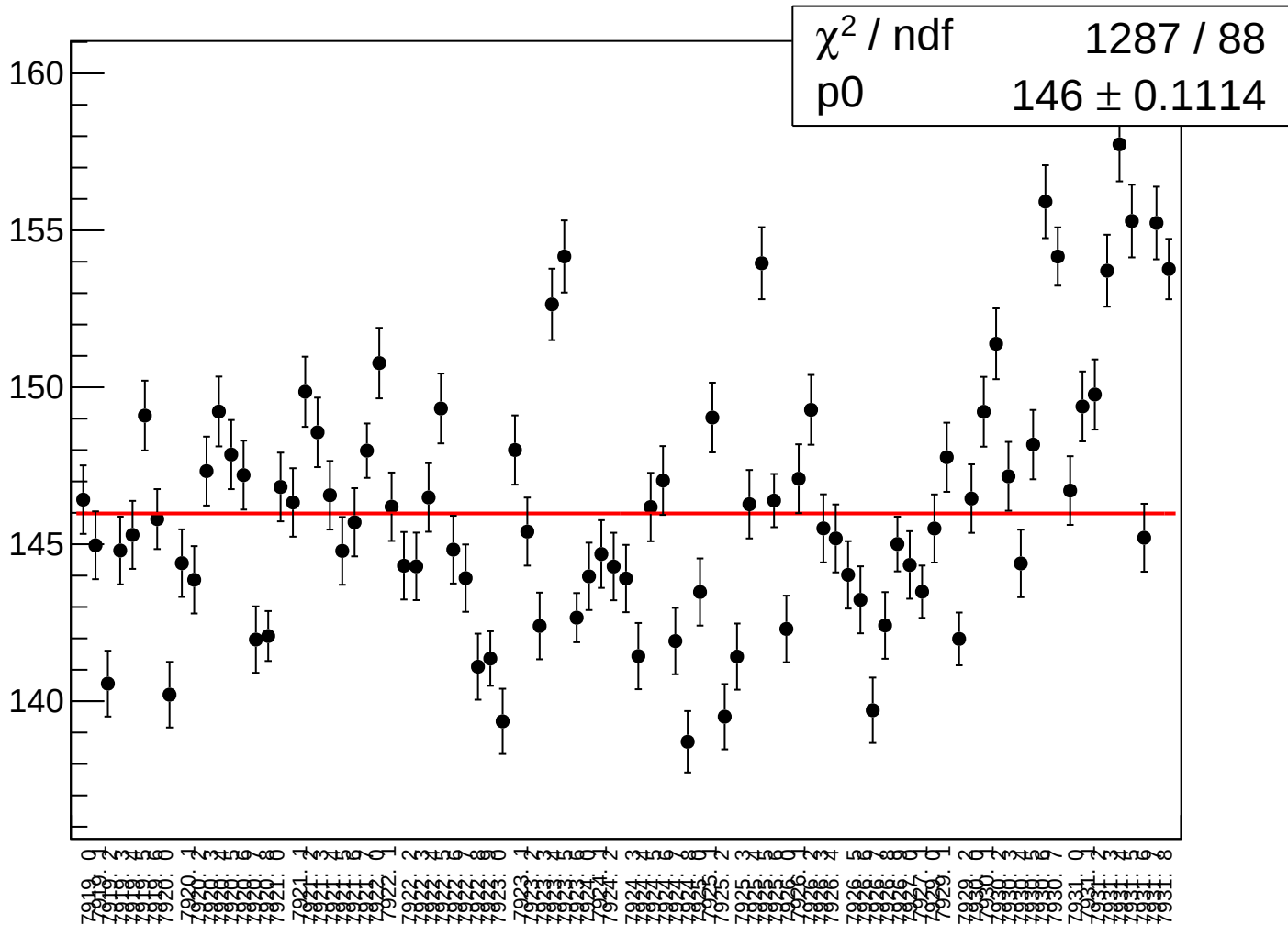
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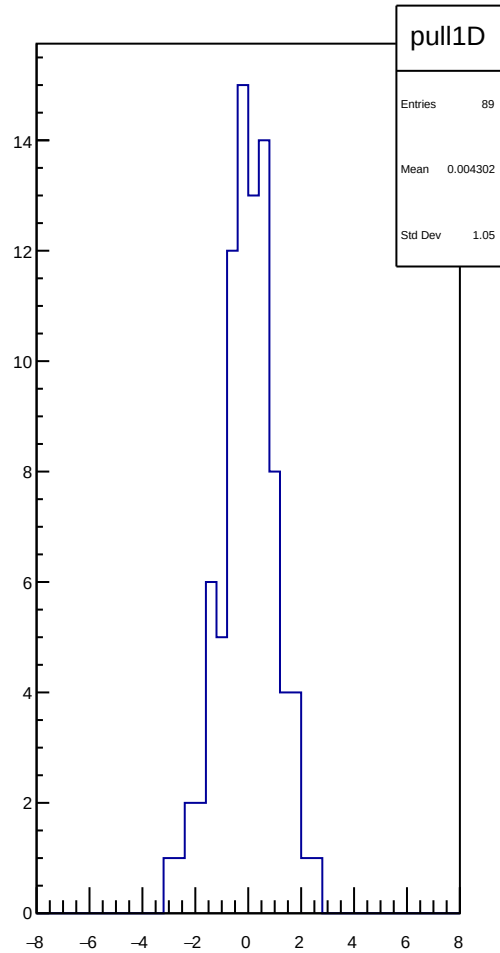
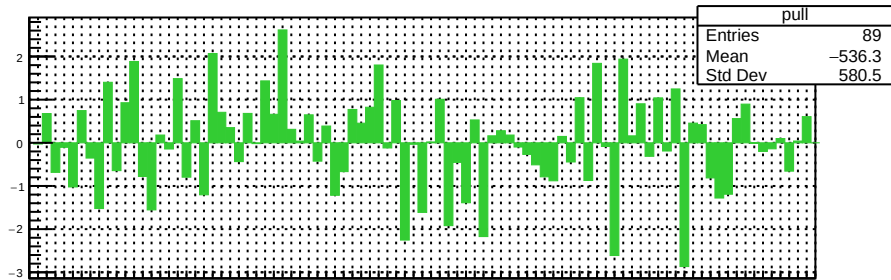
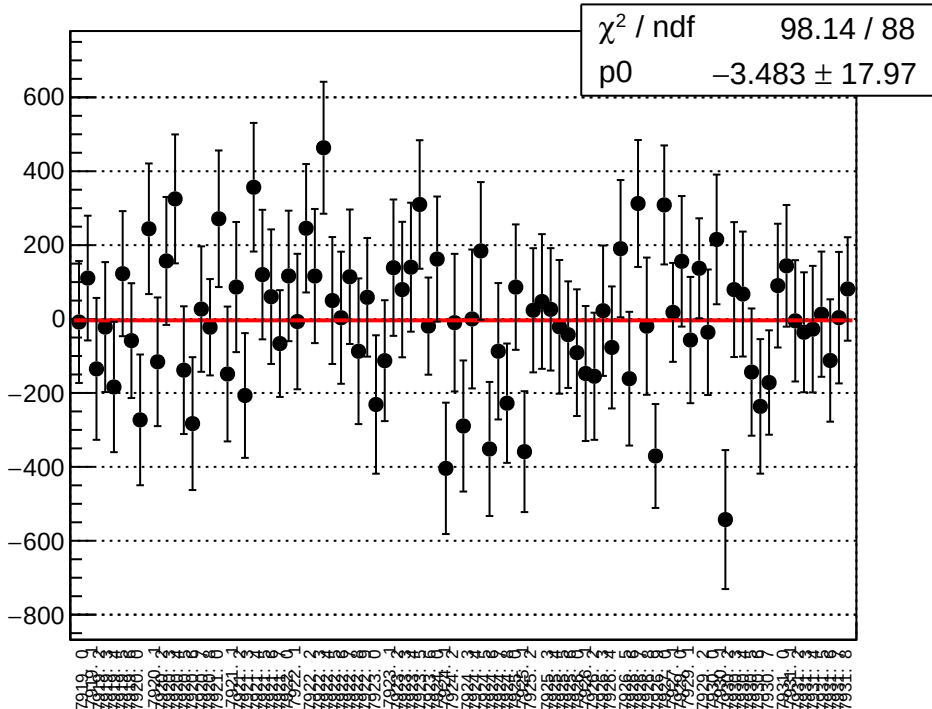
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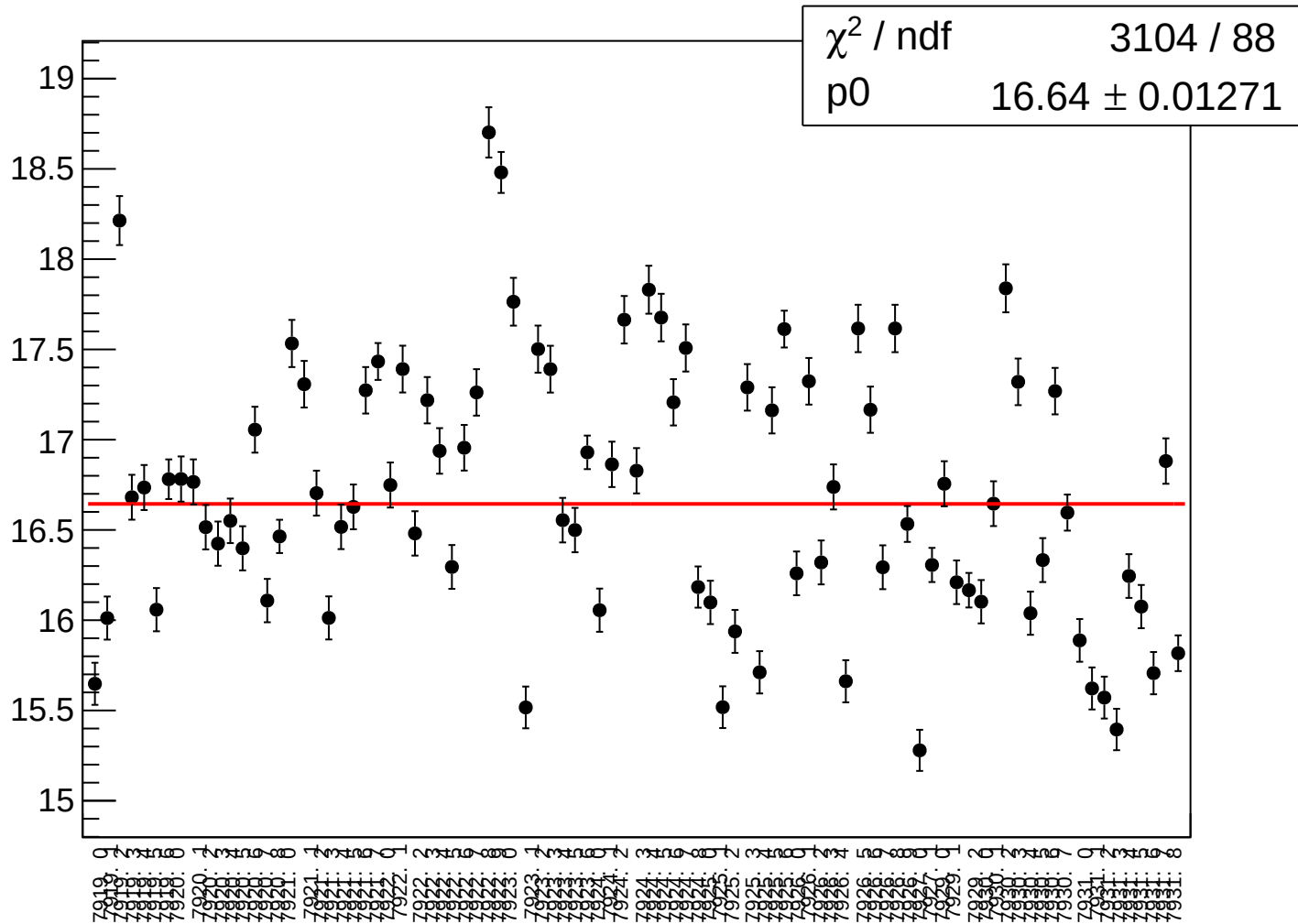
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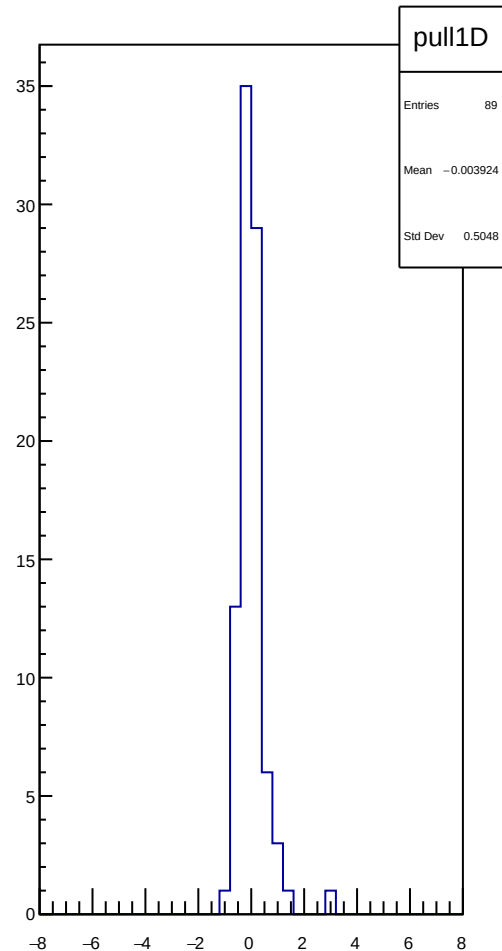
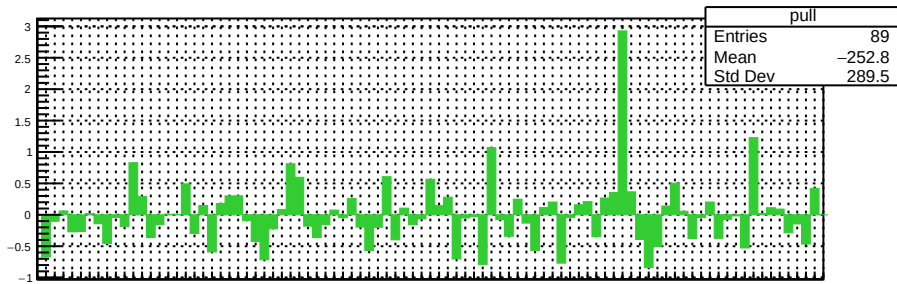
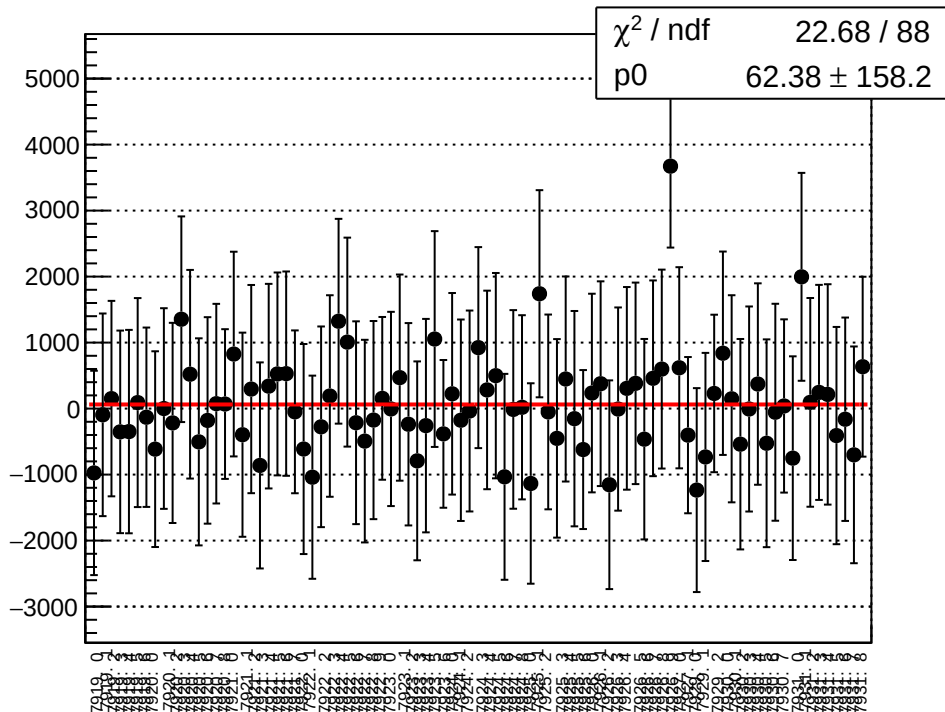
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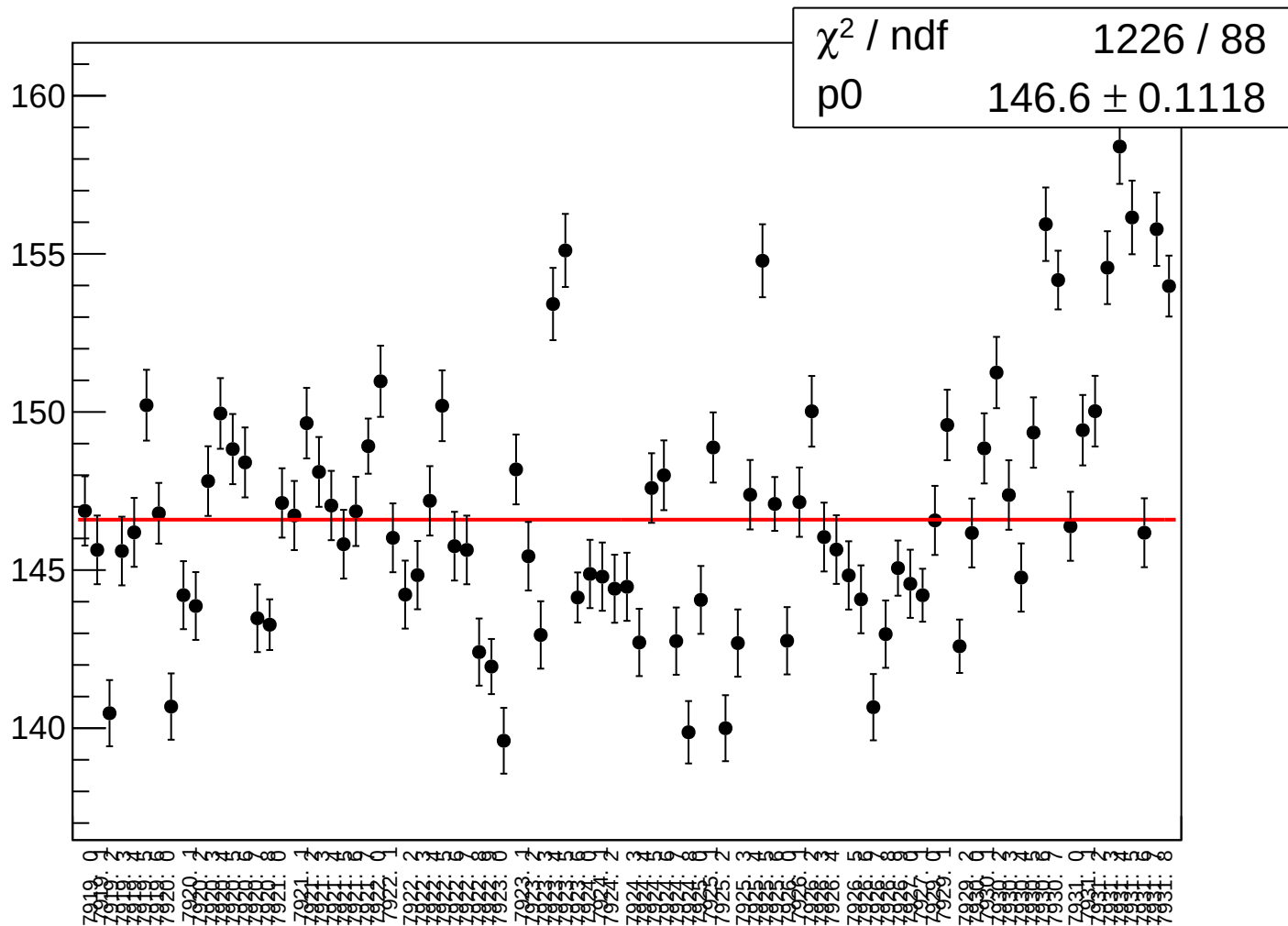
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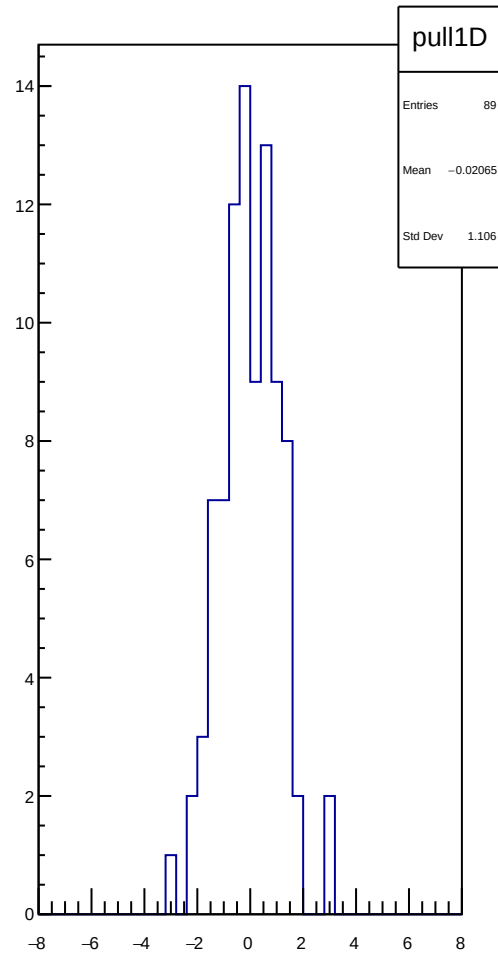
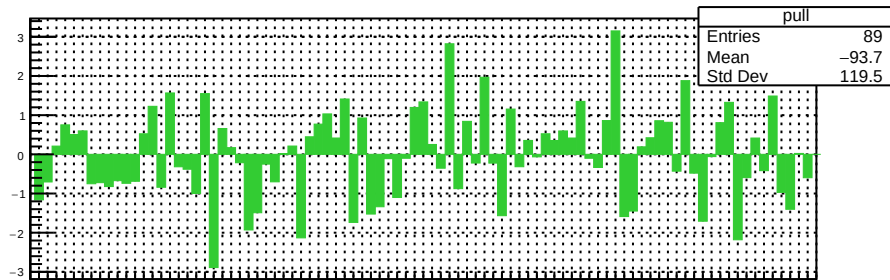
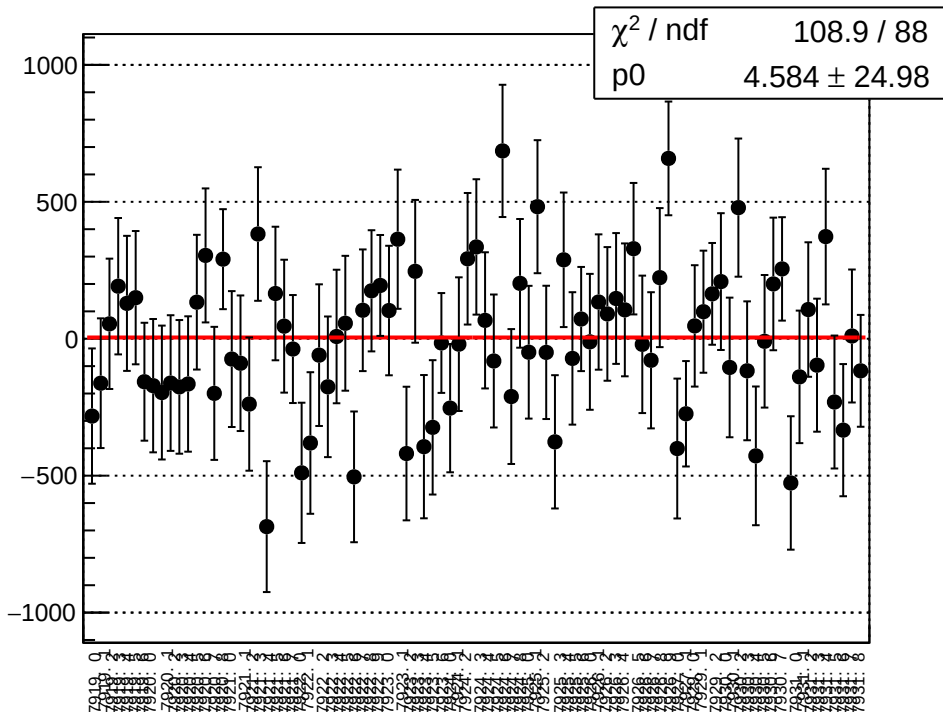
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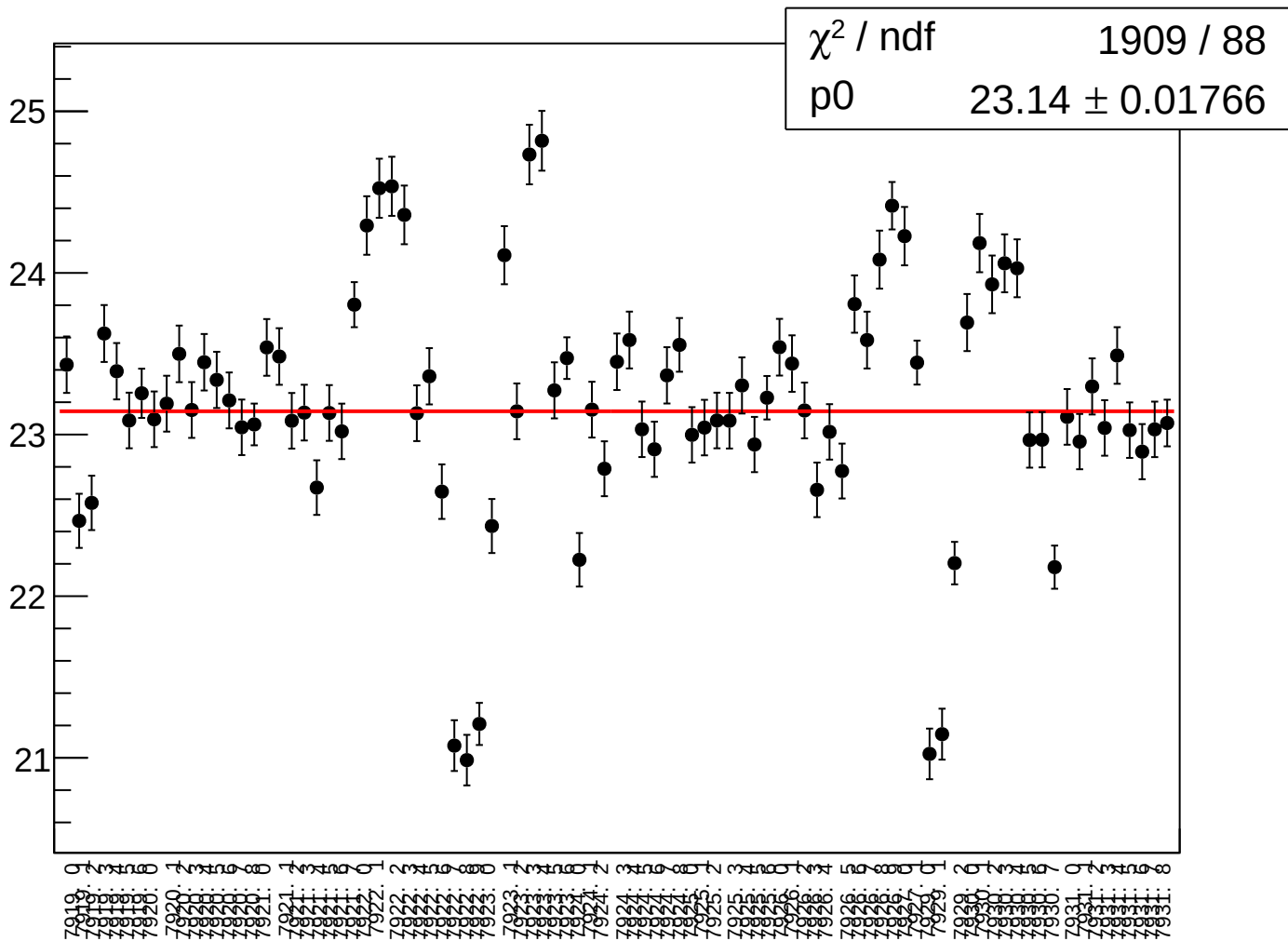
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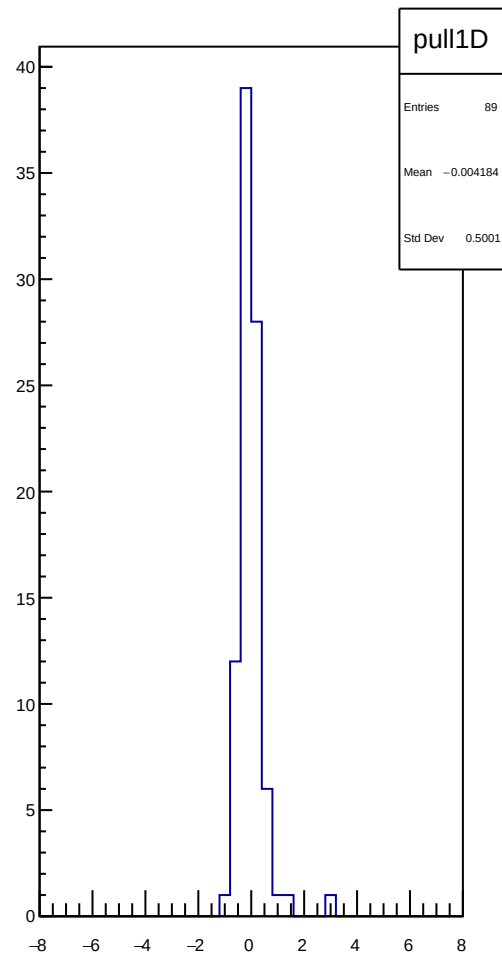
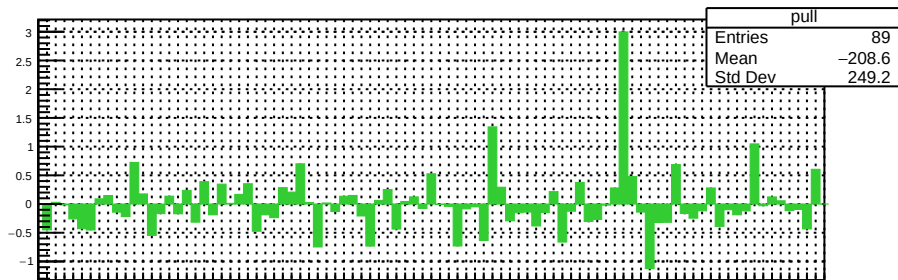
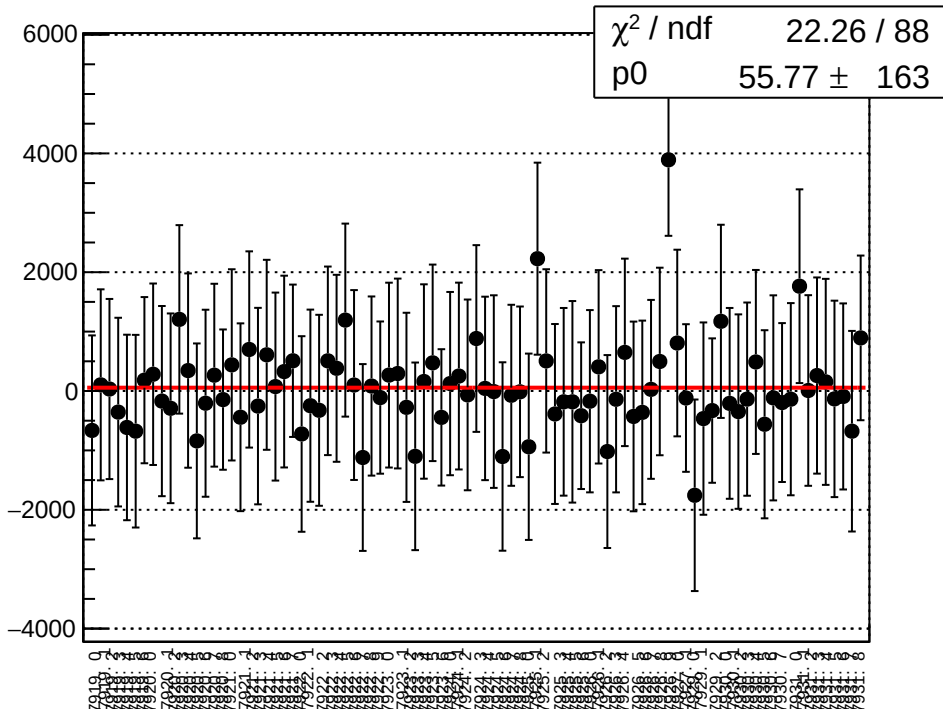
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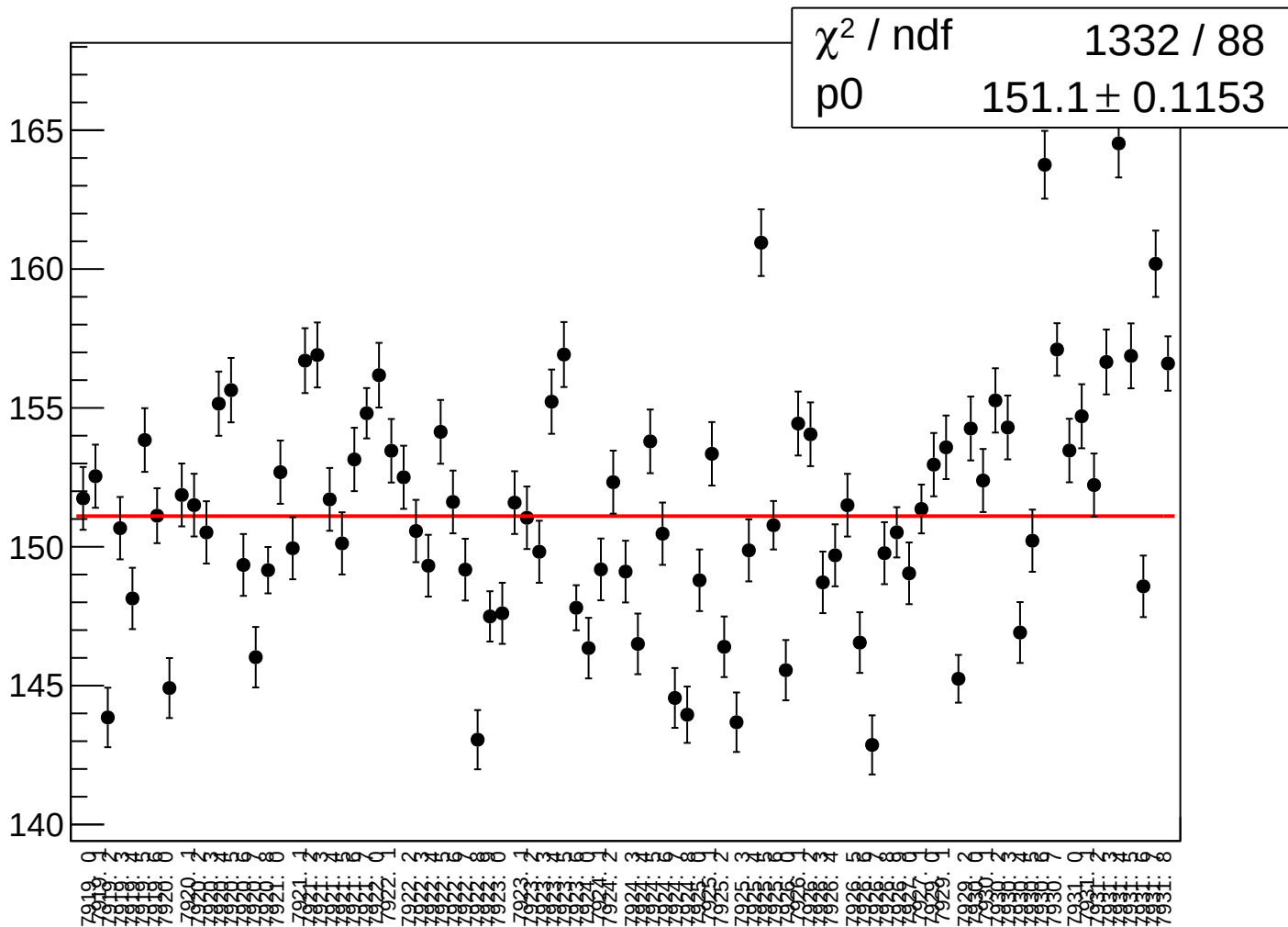
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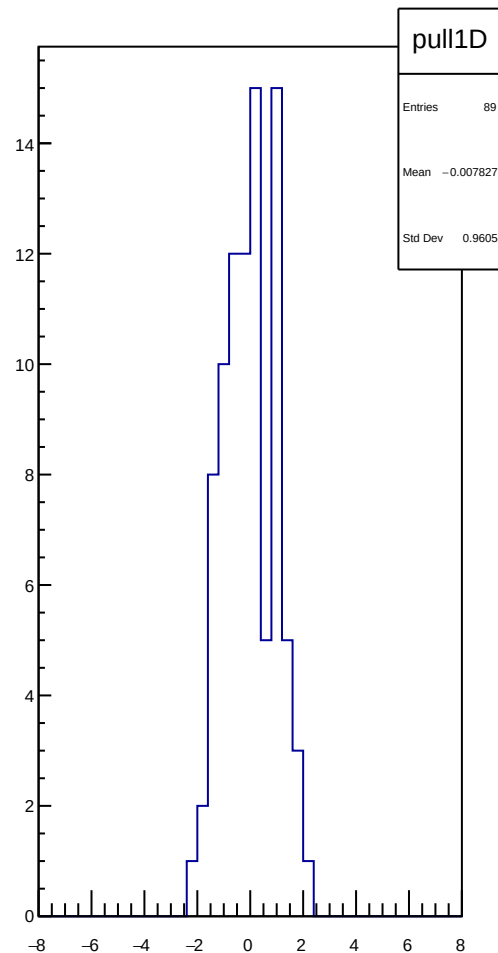
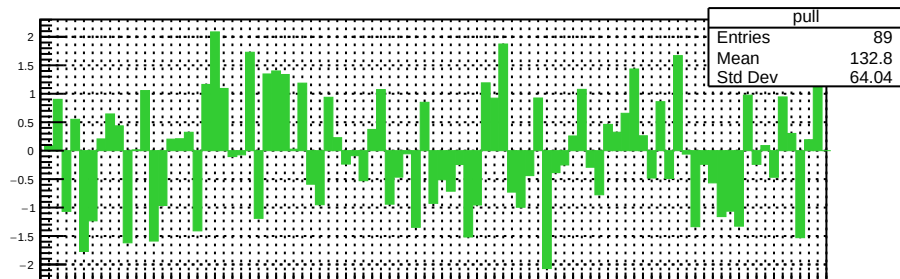
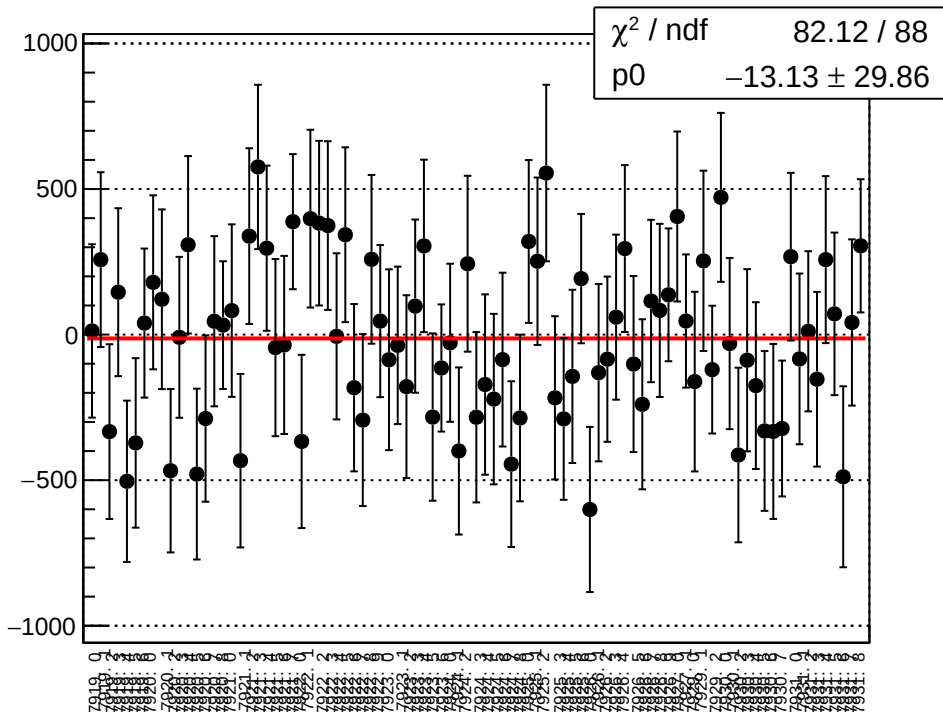
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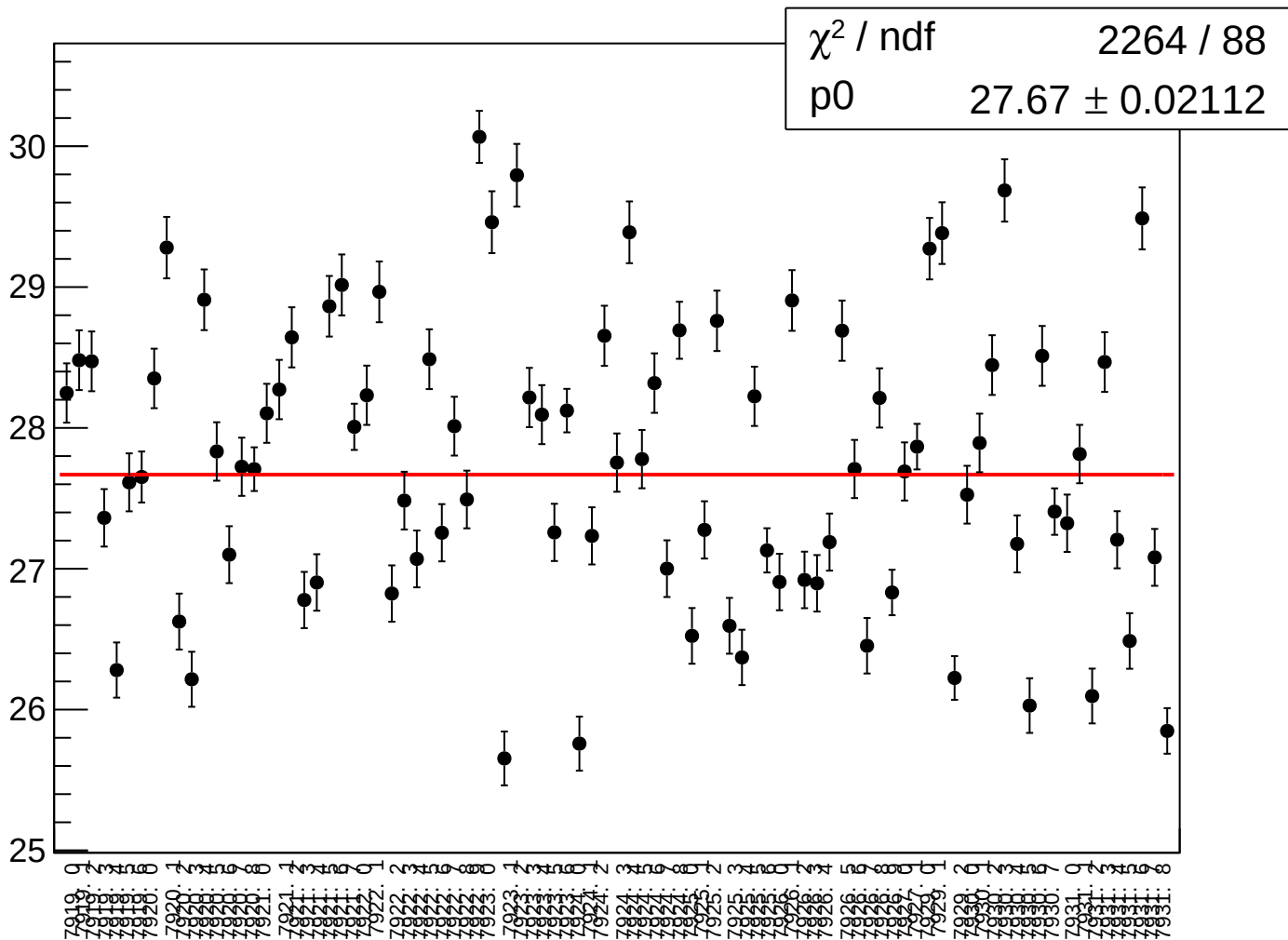
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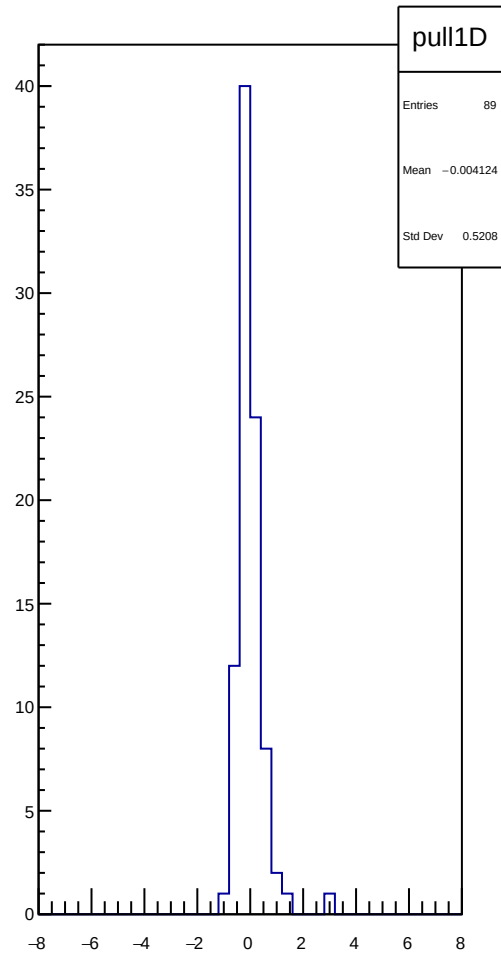
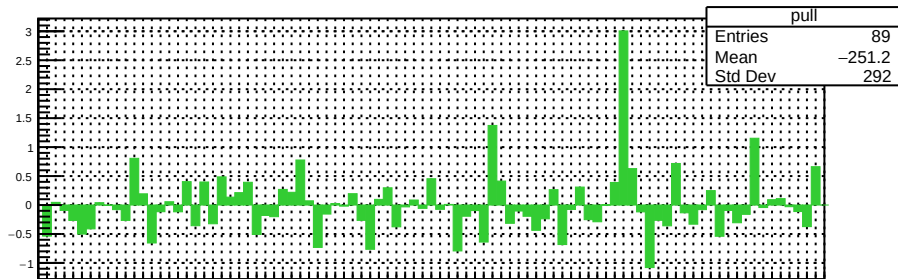
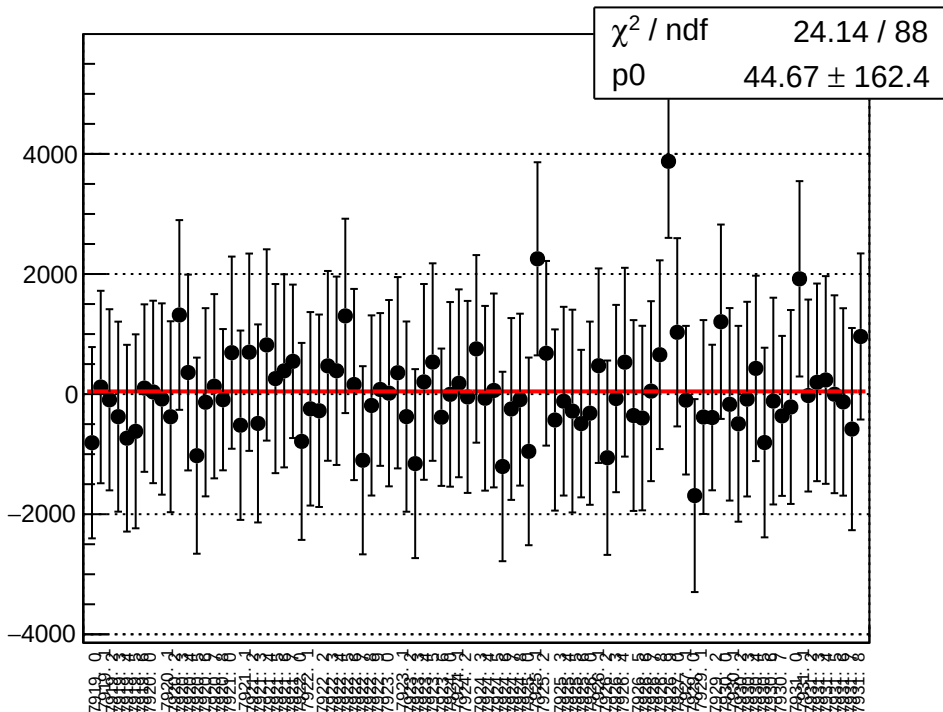
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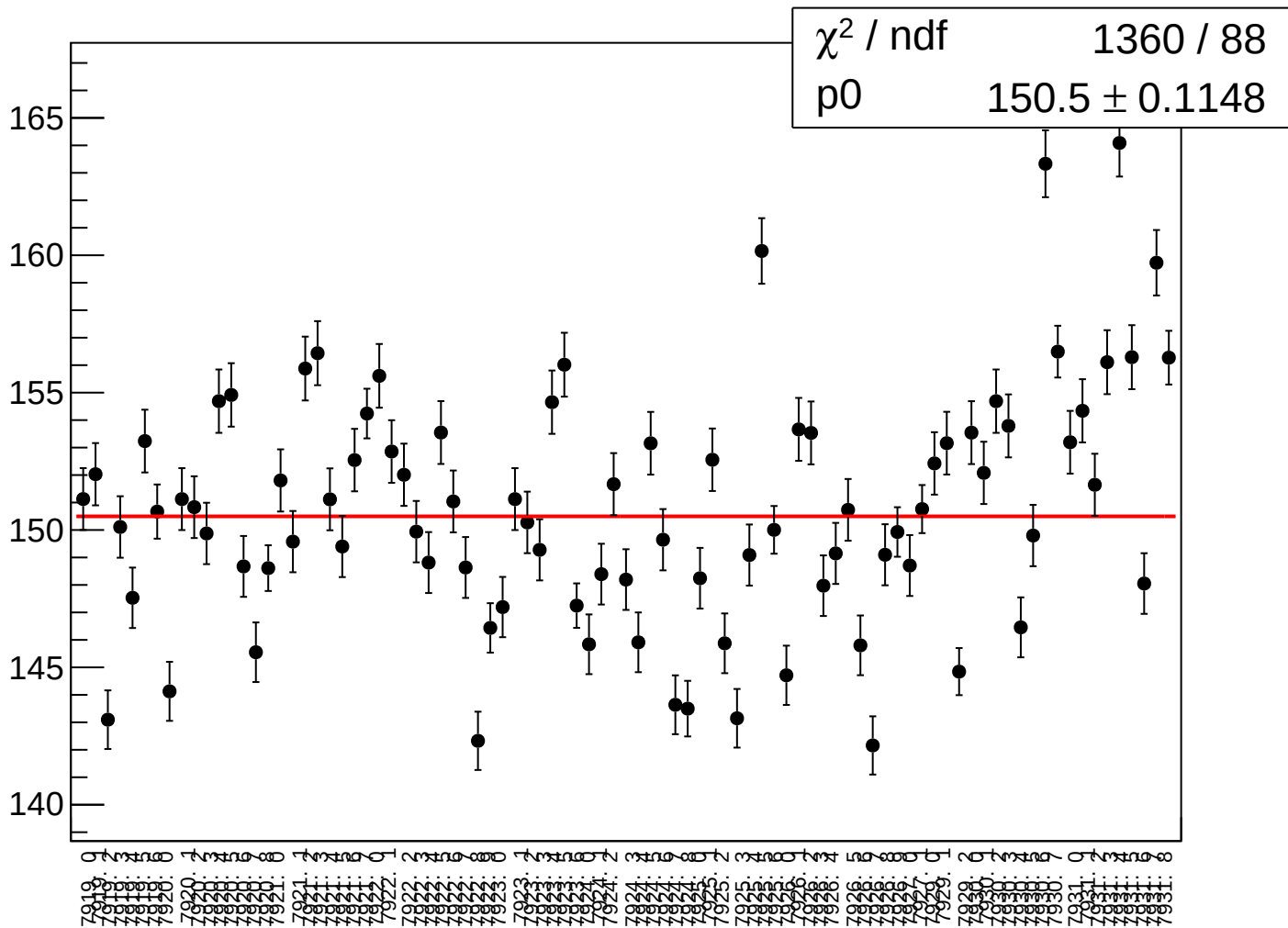
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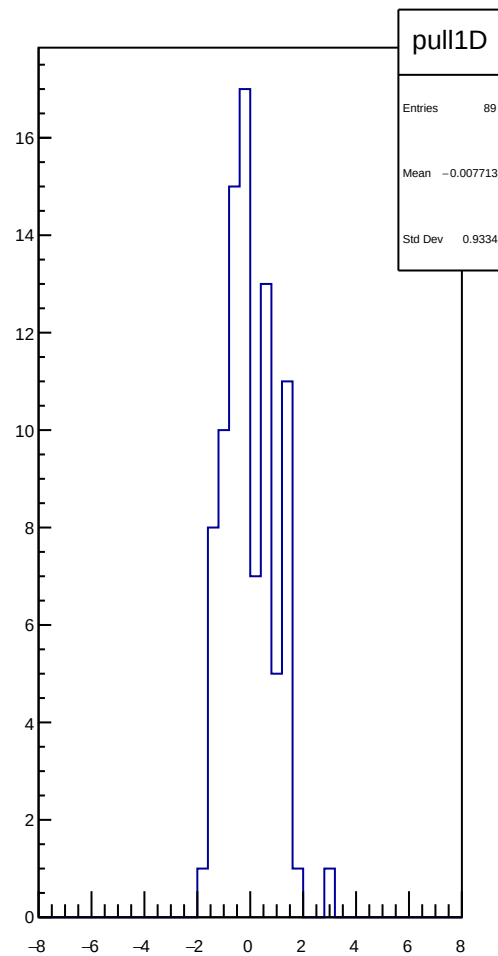
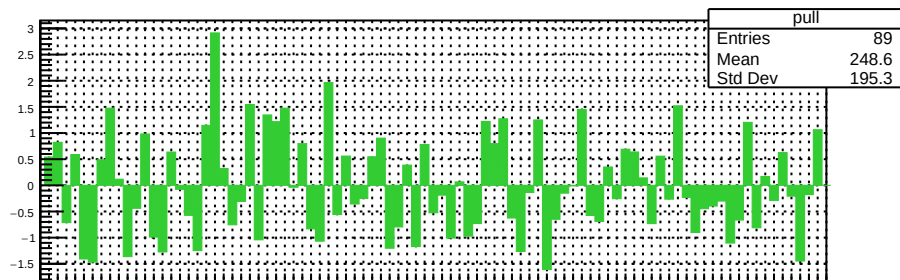
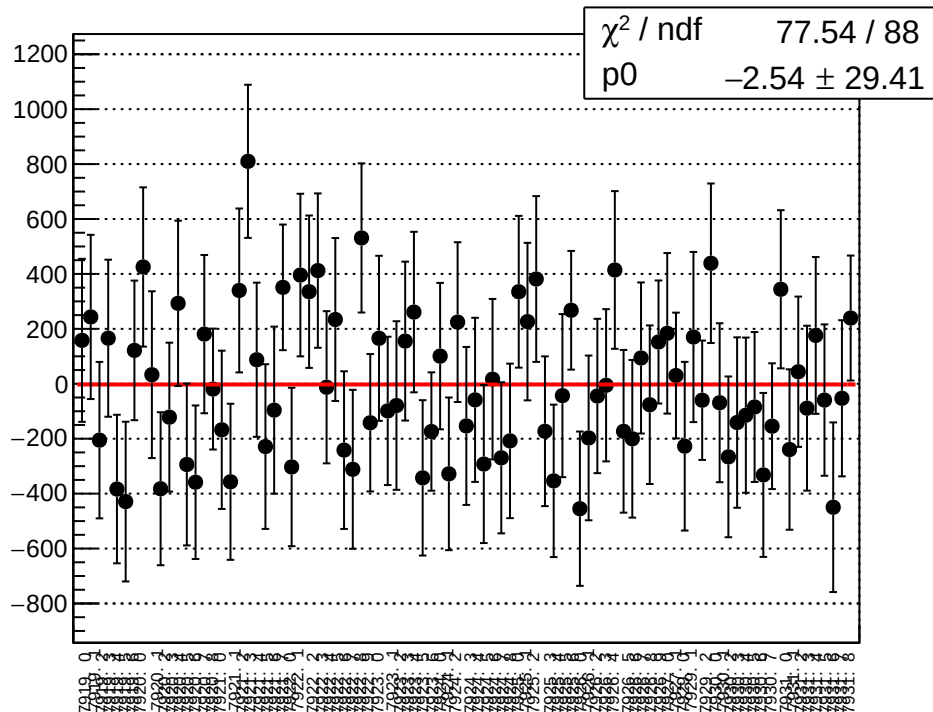
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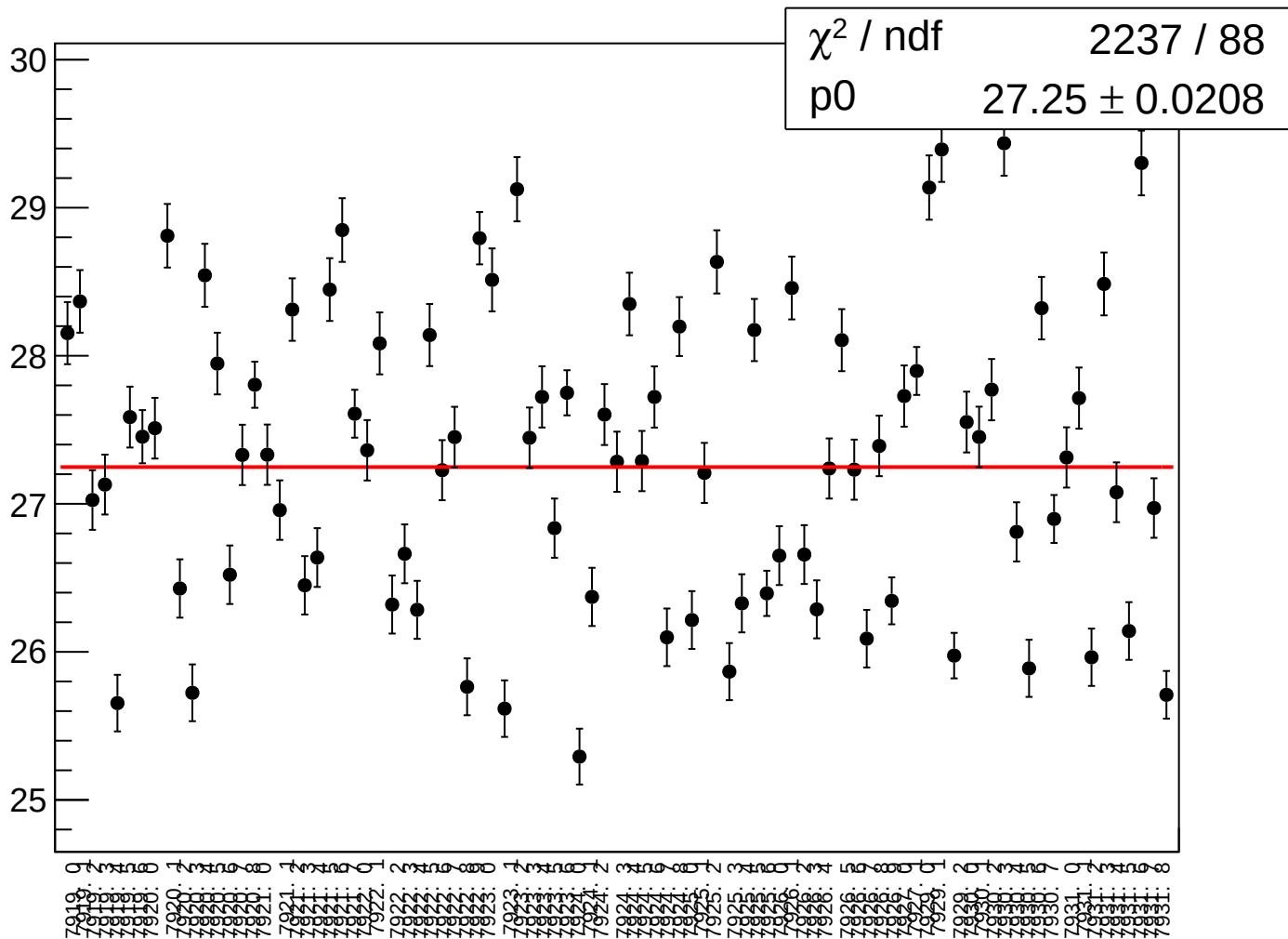
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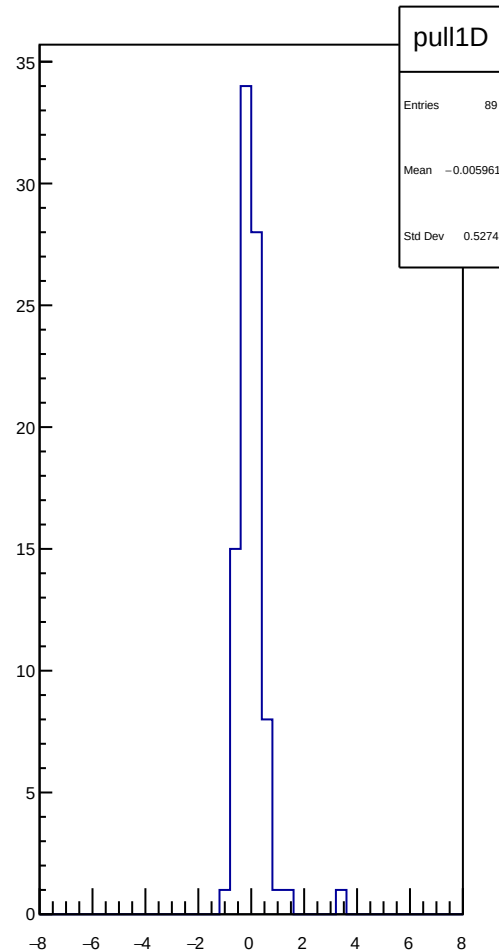
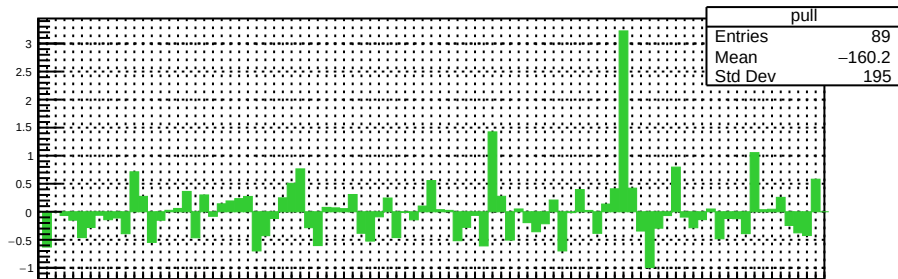
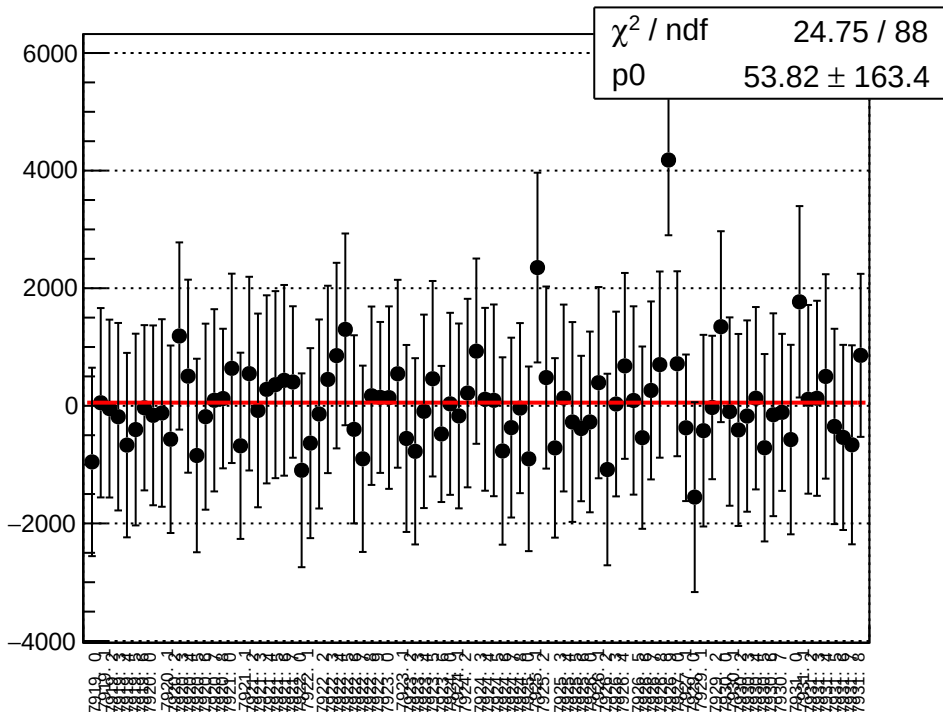
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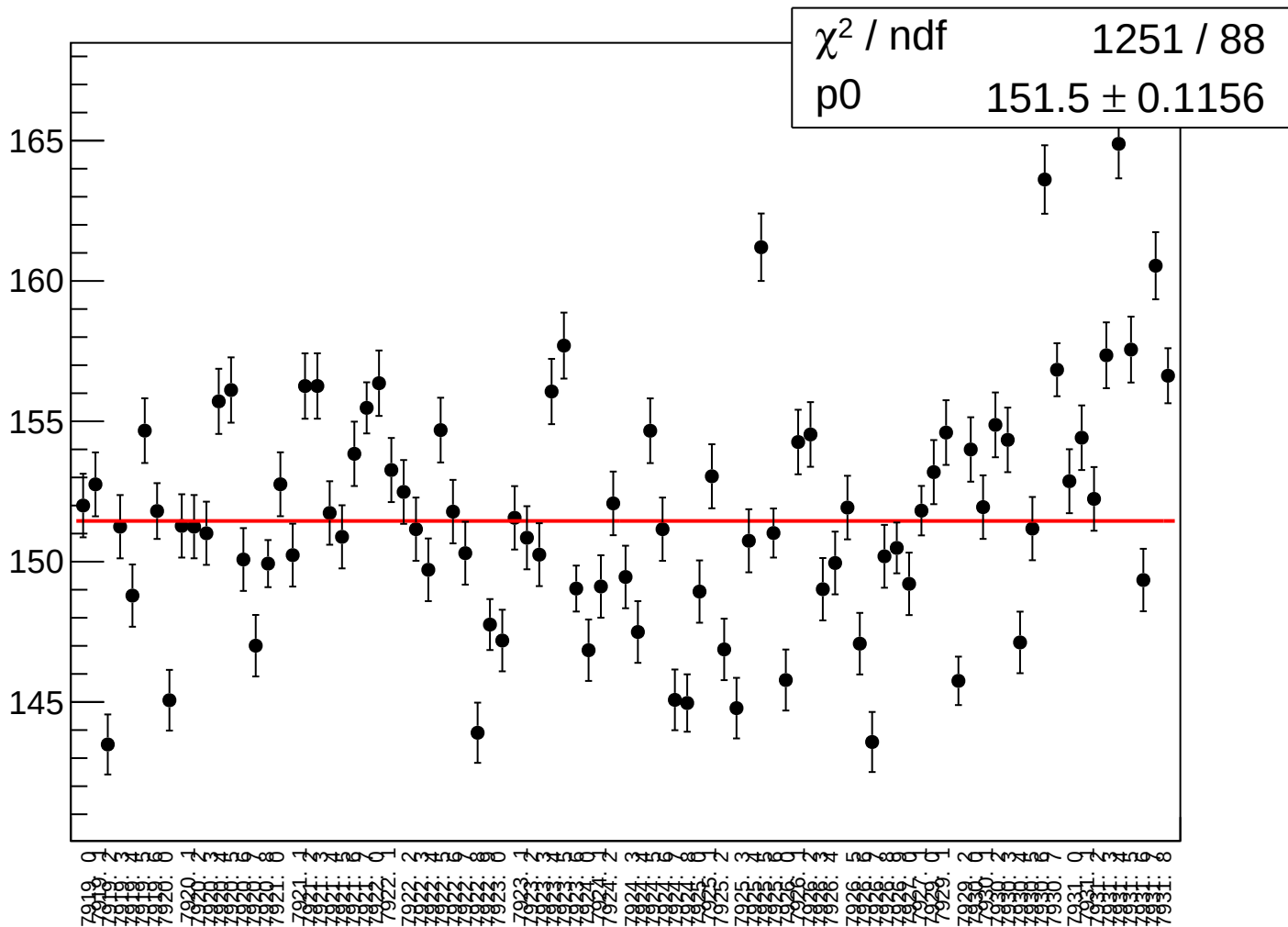
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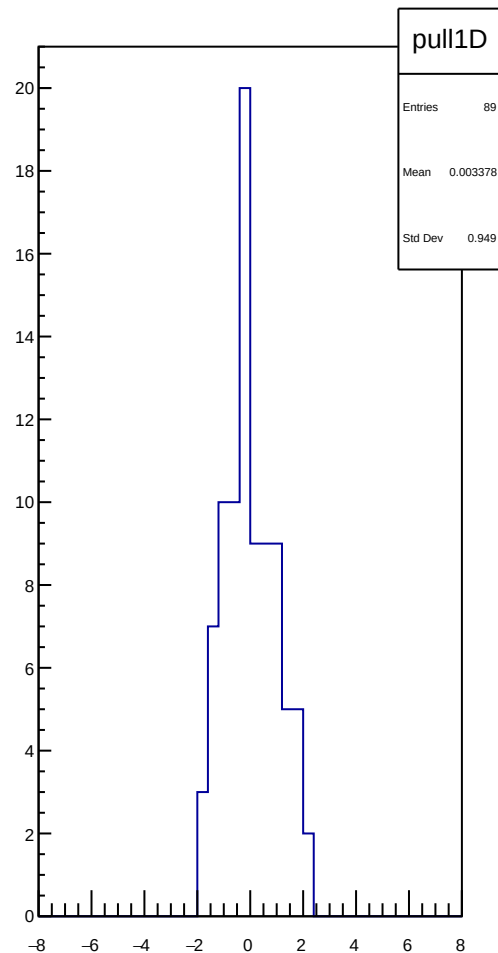
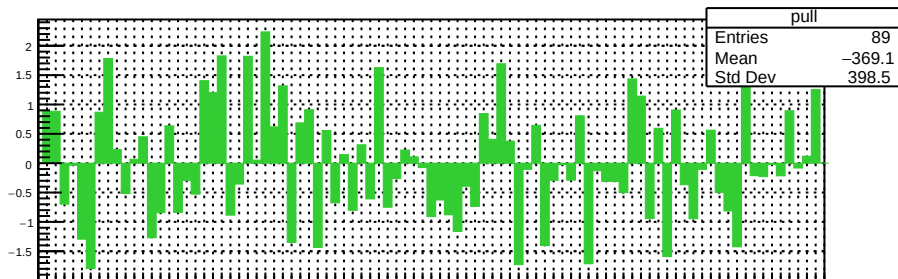
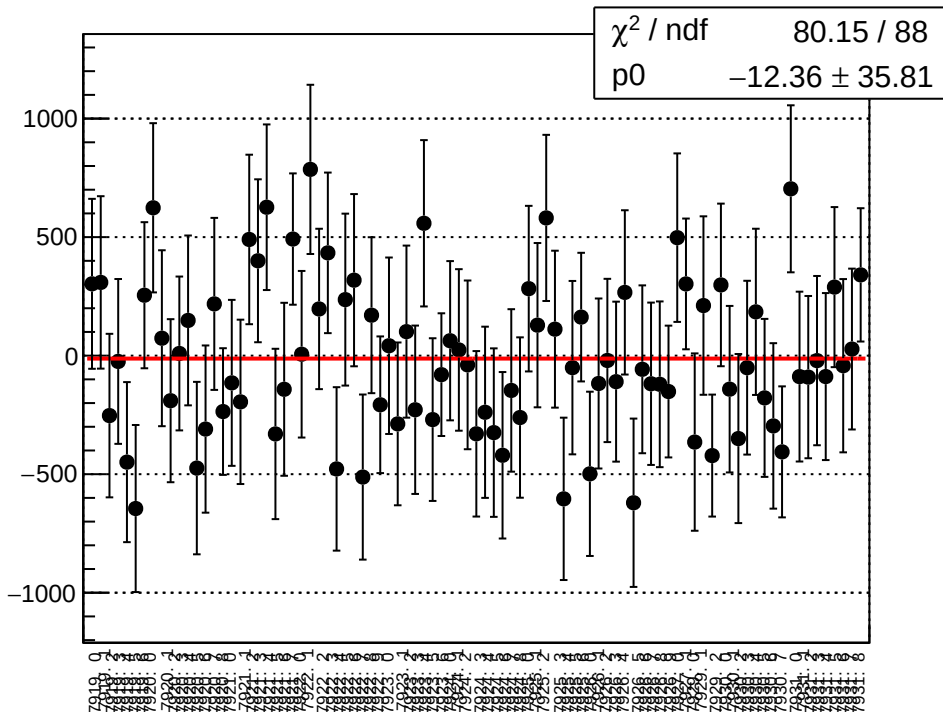
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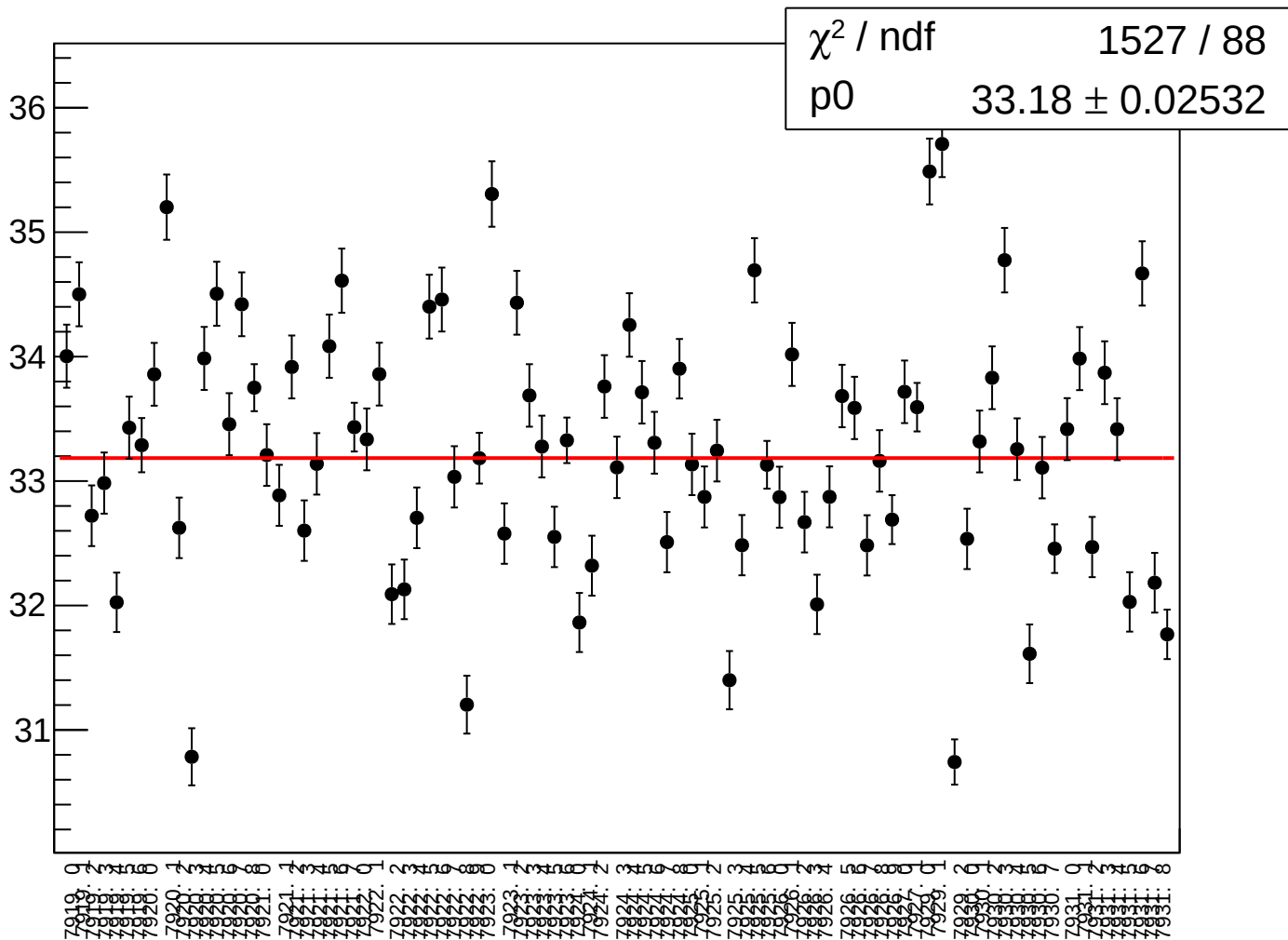
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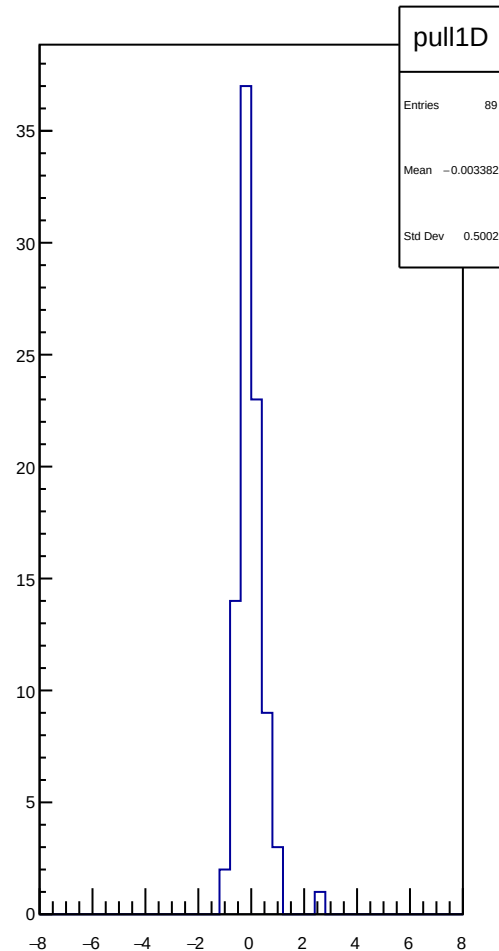
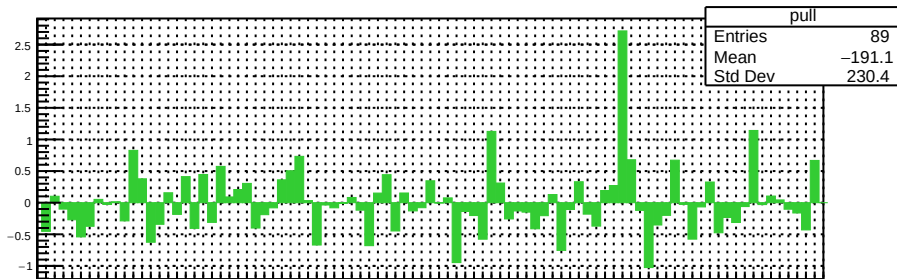
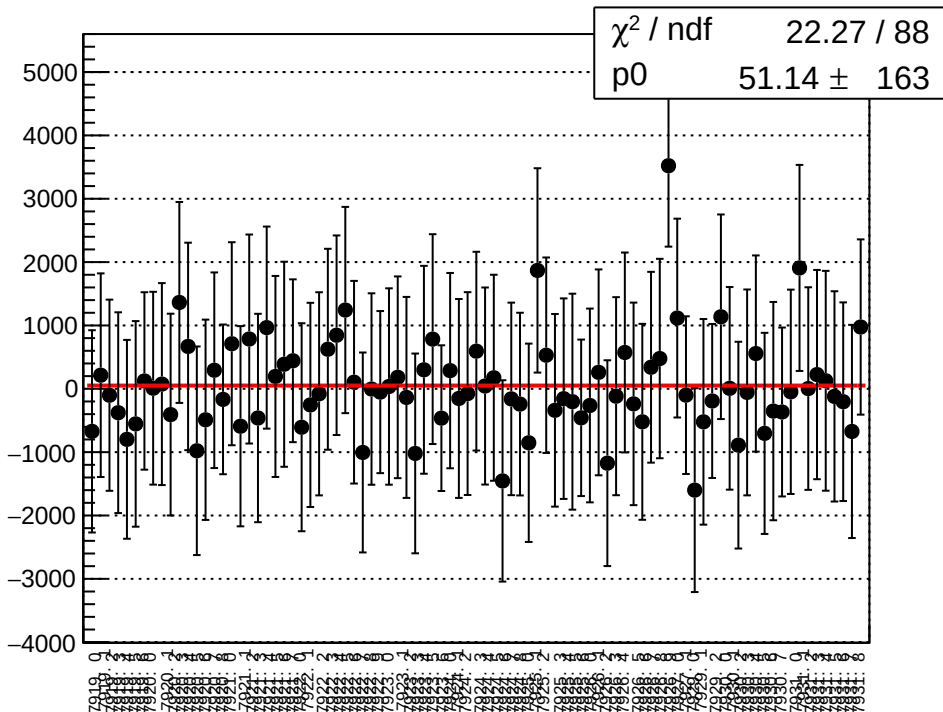
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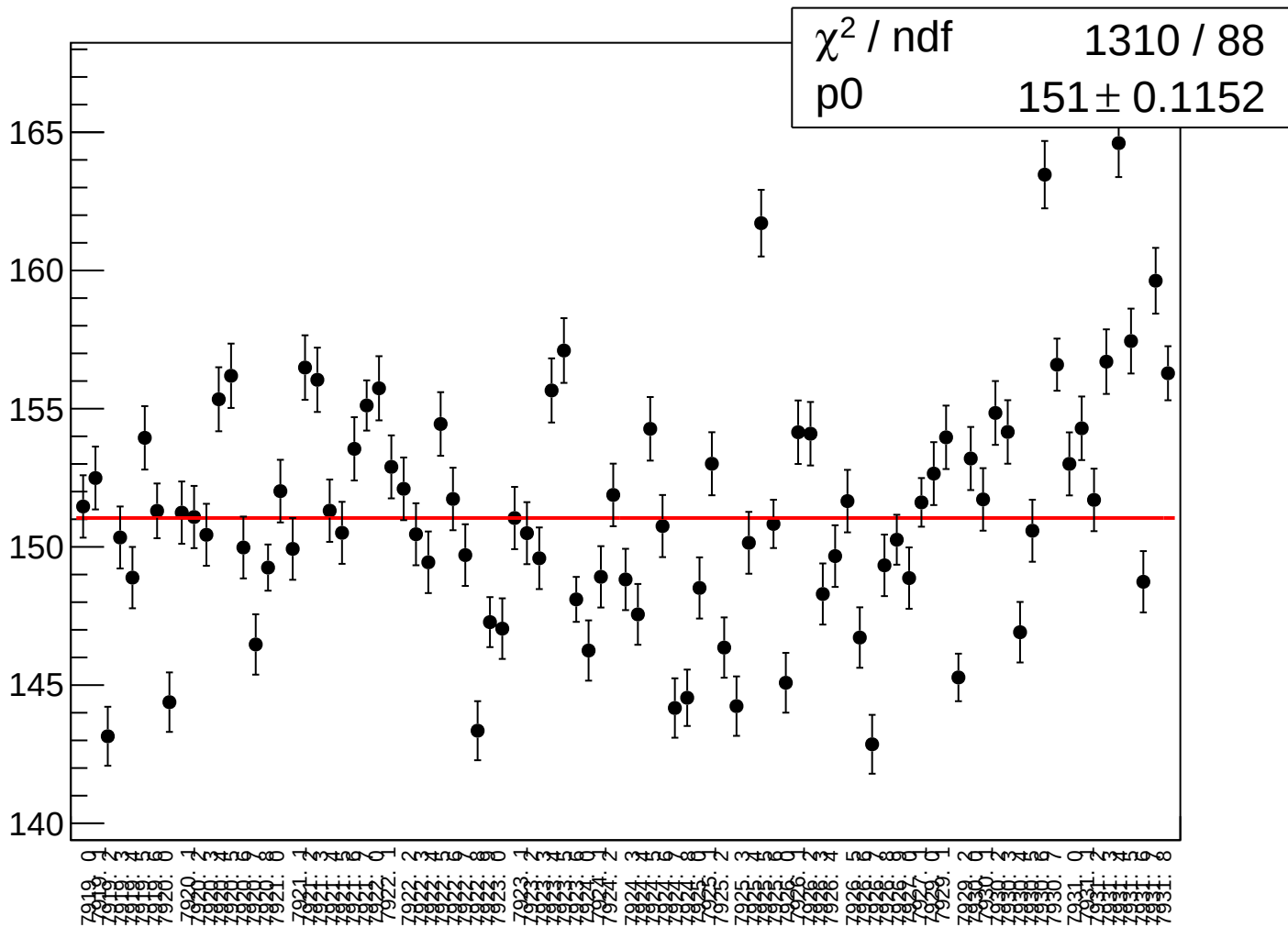
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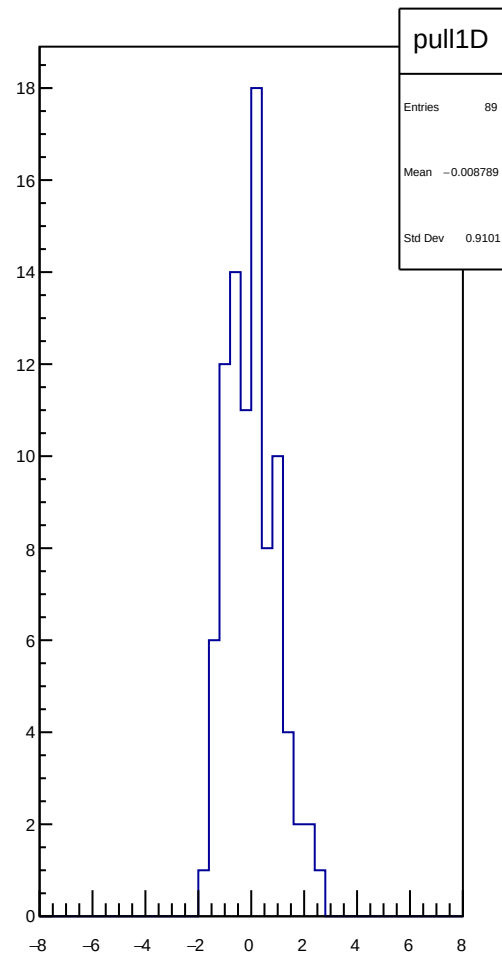
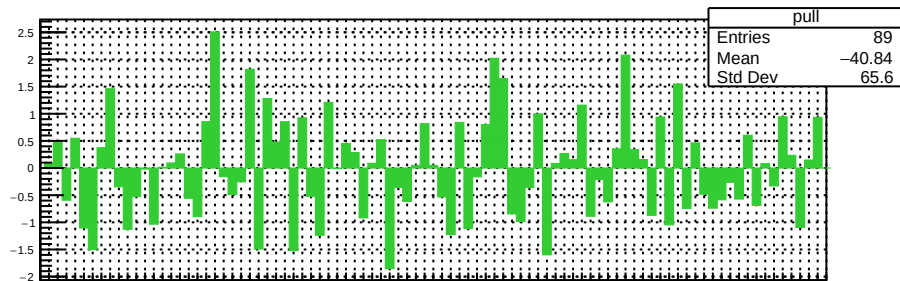
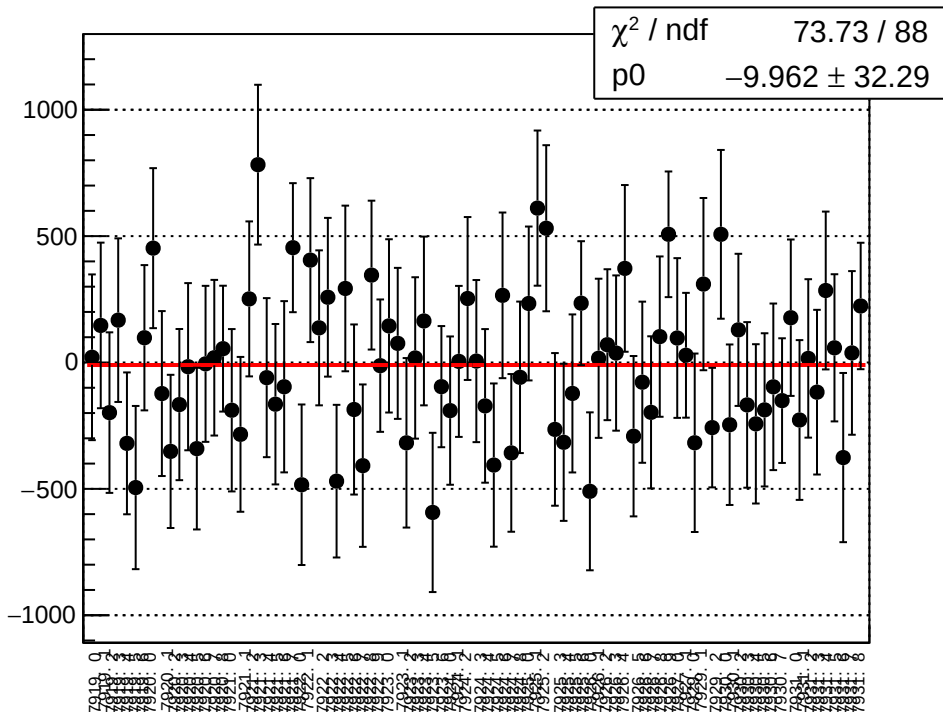
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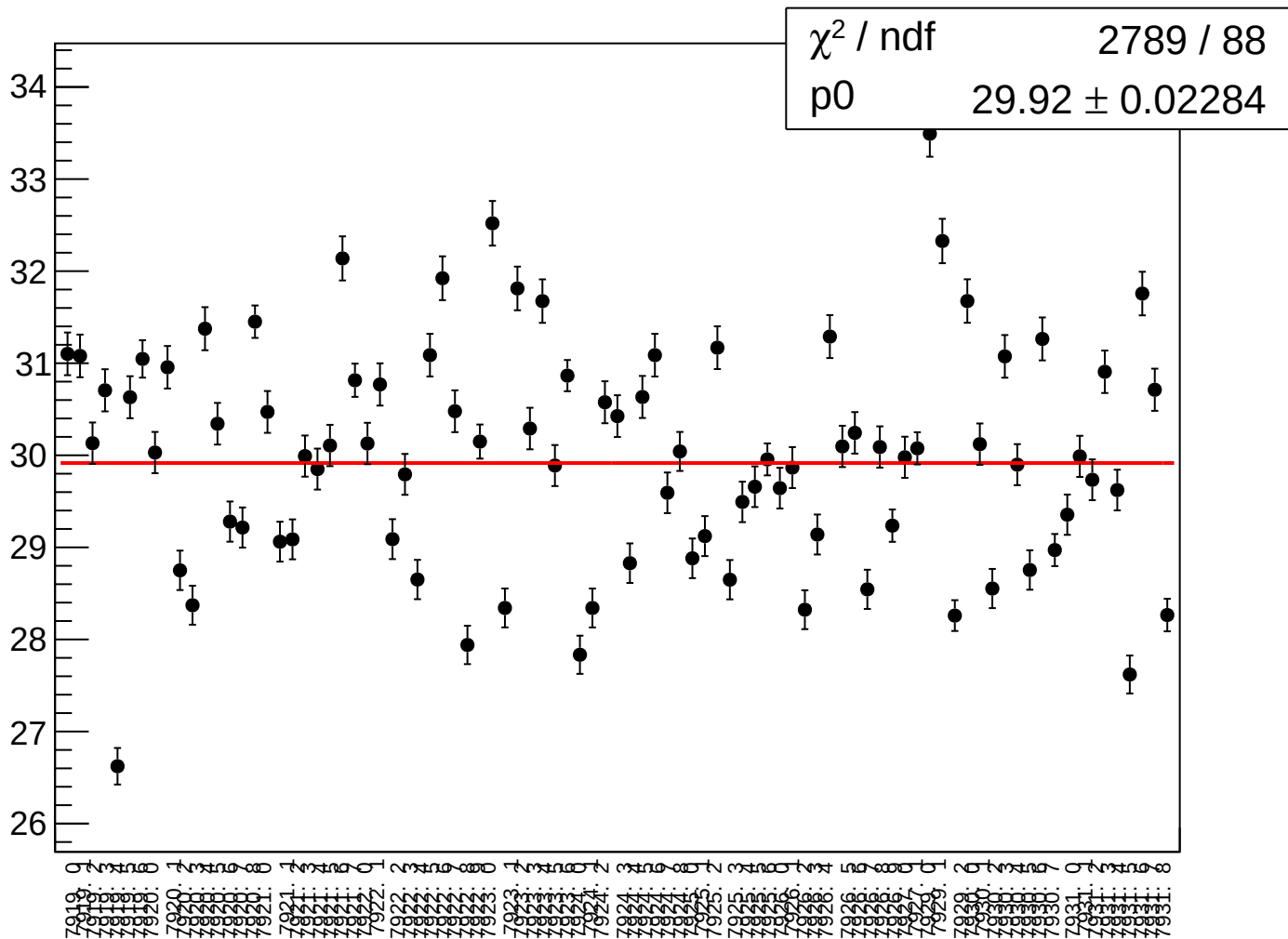
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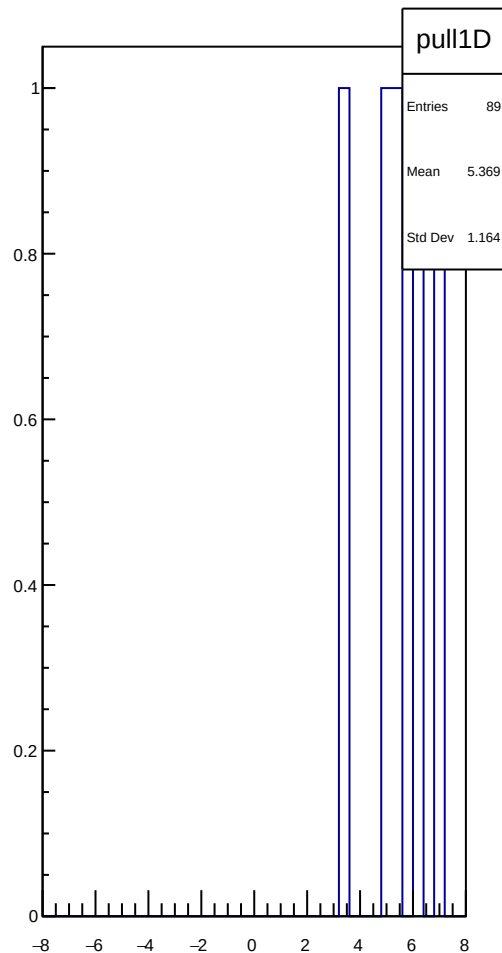
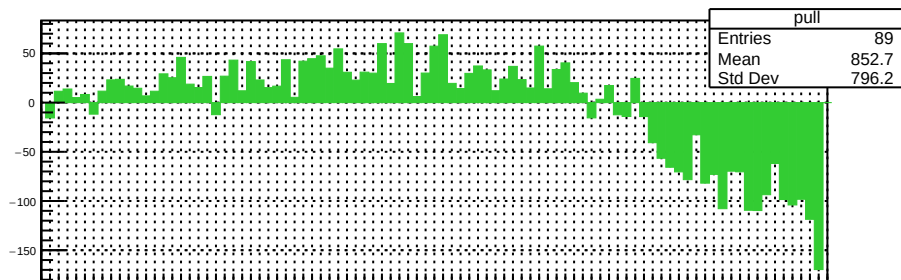
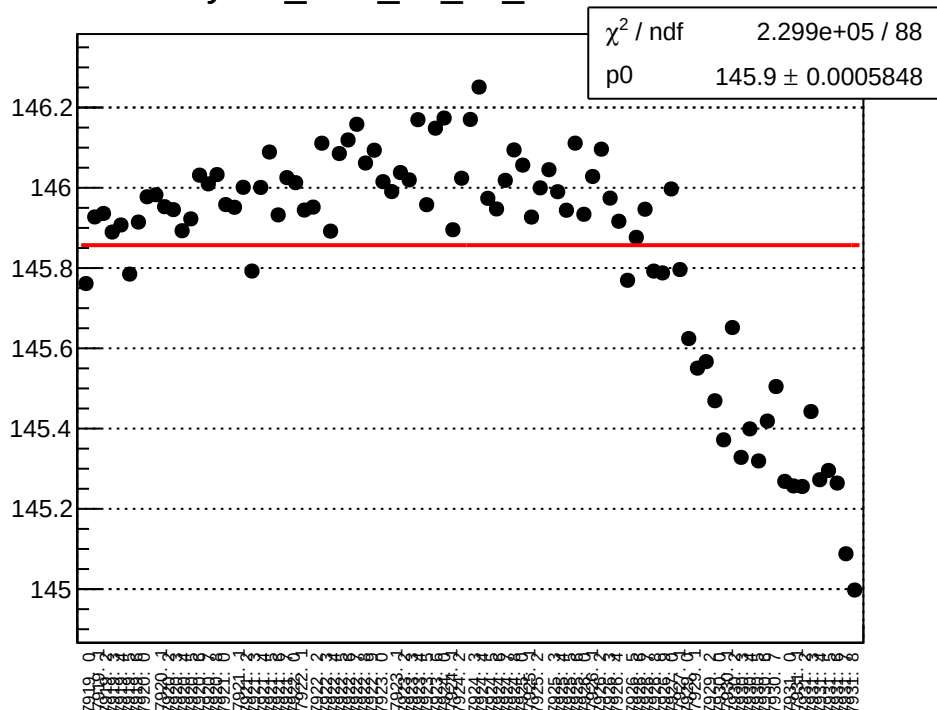
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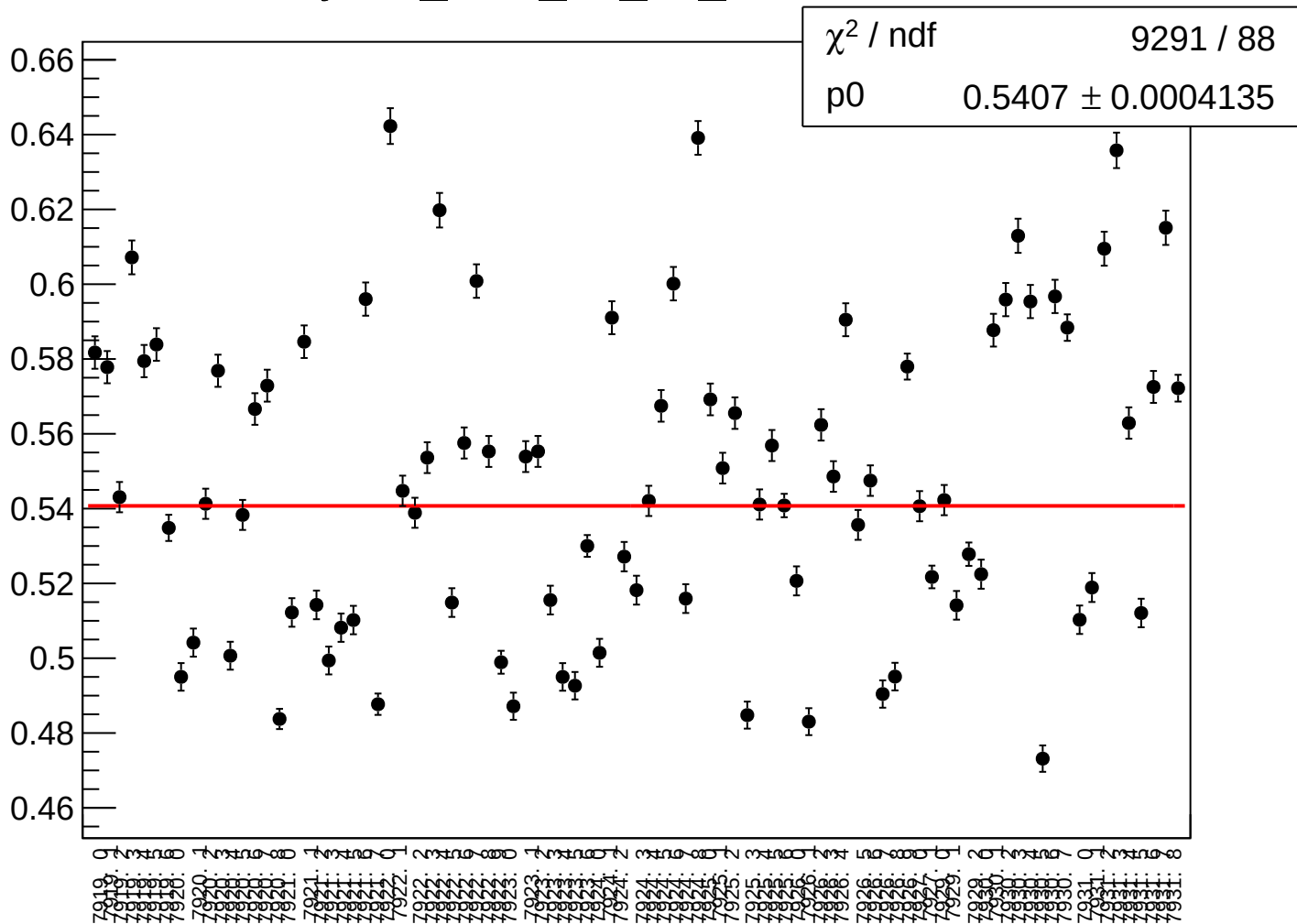
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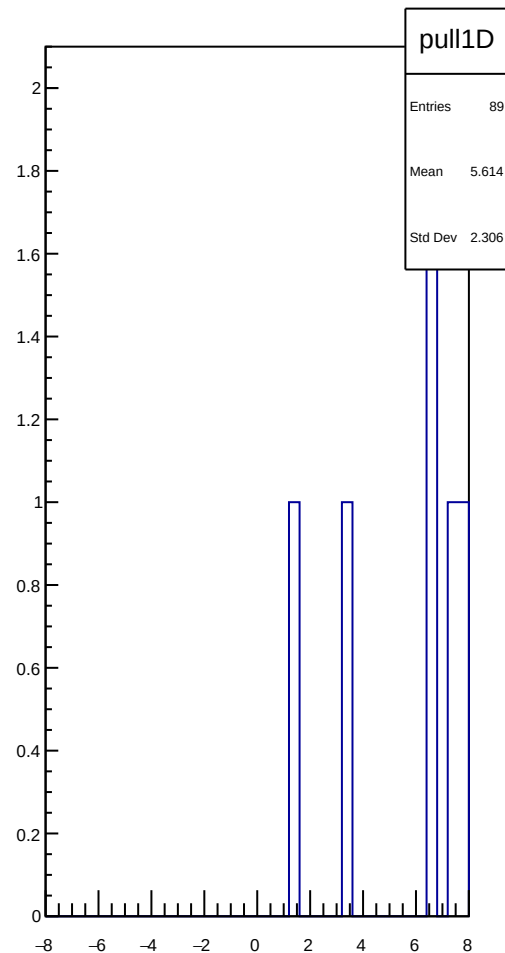
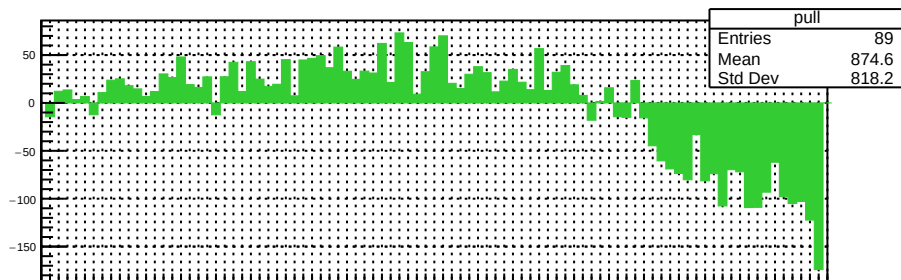
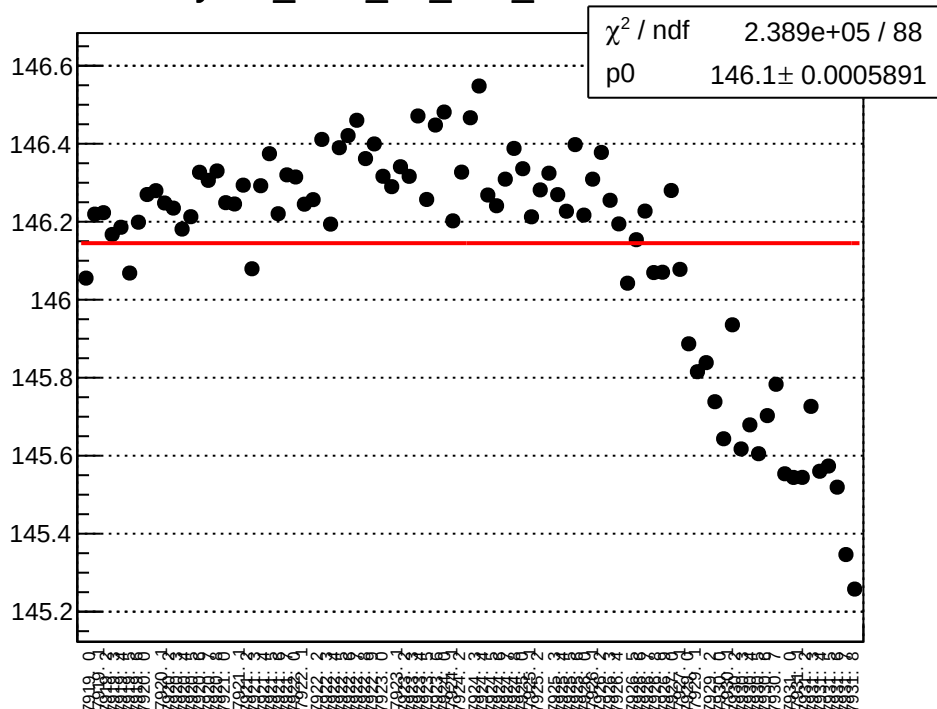
yield_bcm_an_ds_mean vs run



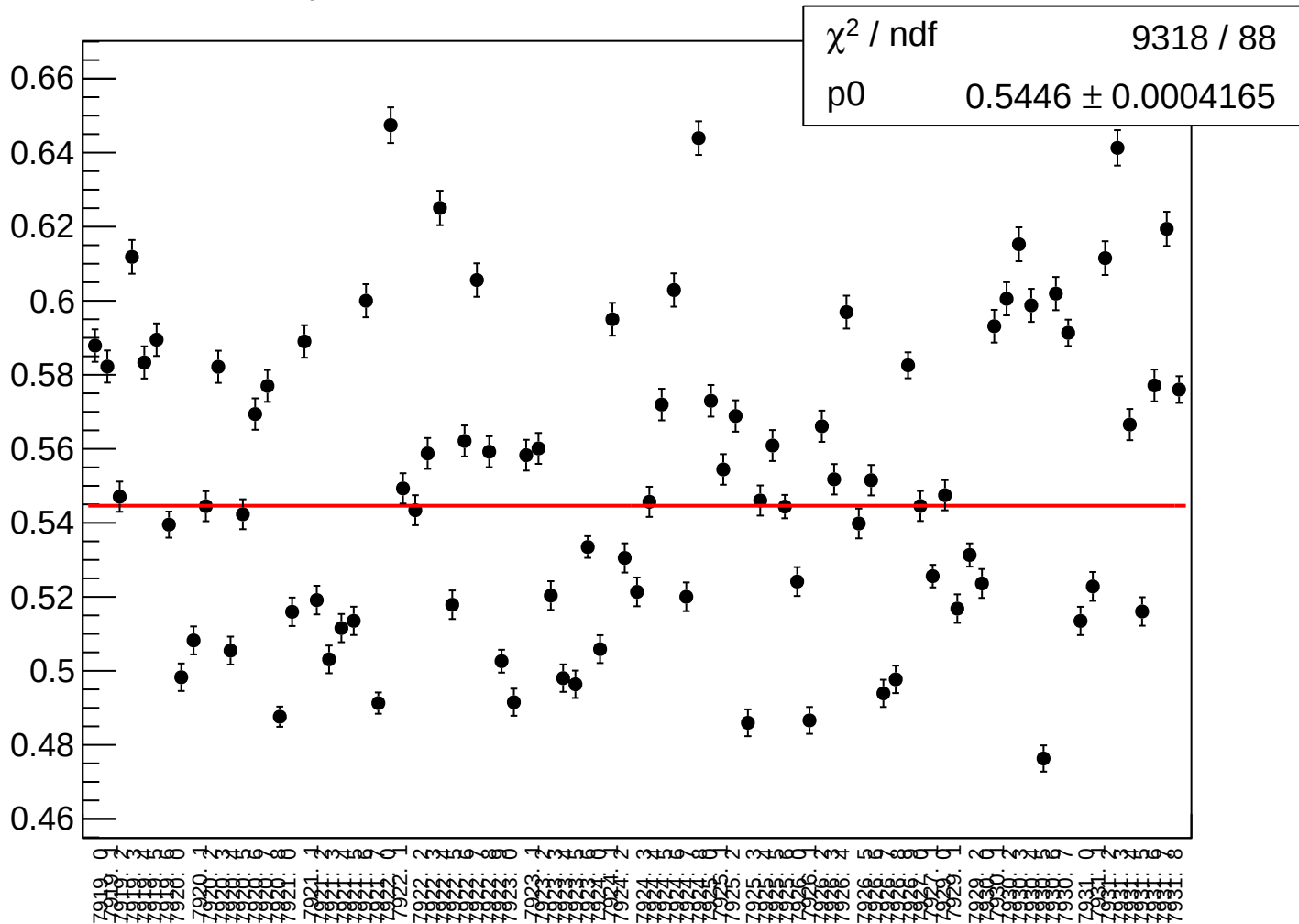
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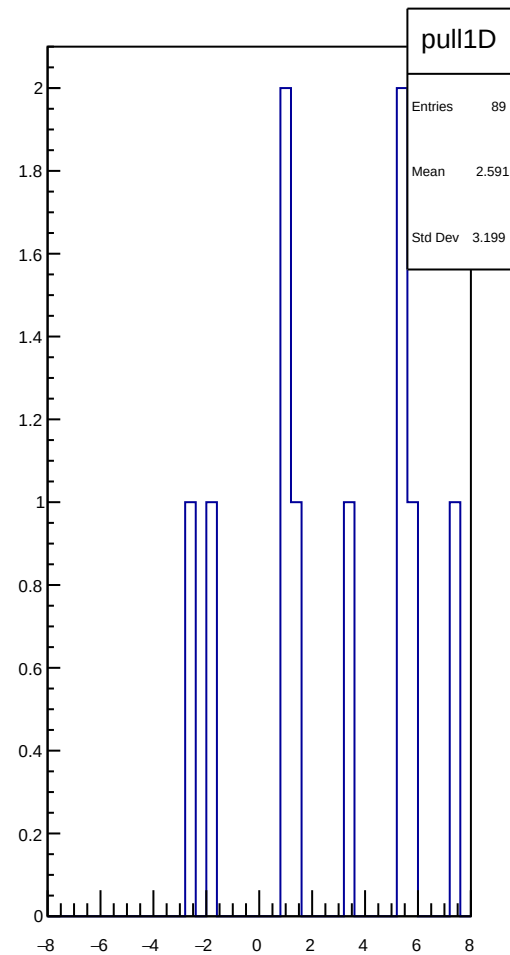
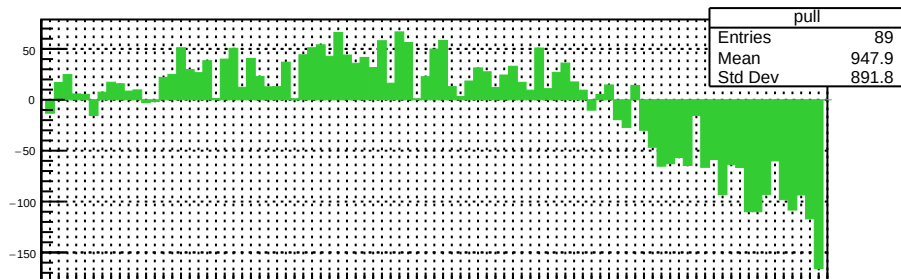
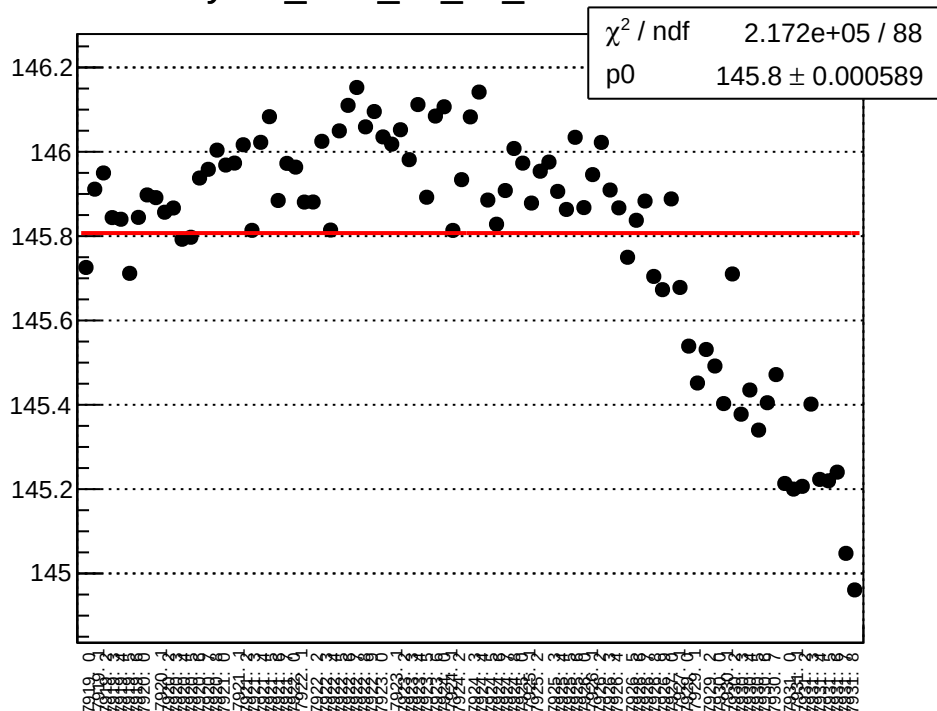
yield_bcm_an_ds3_mean vs run



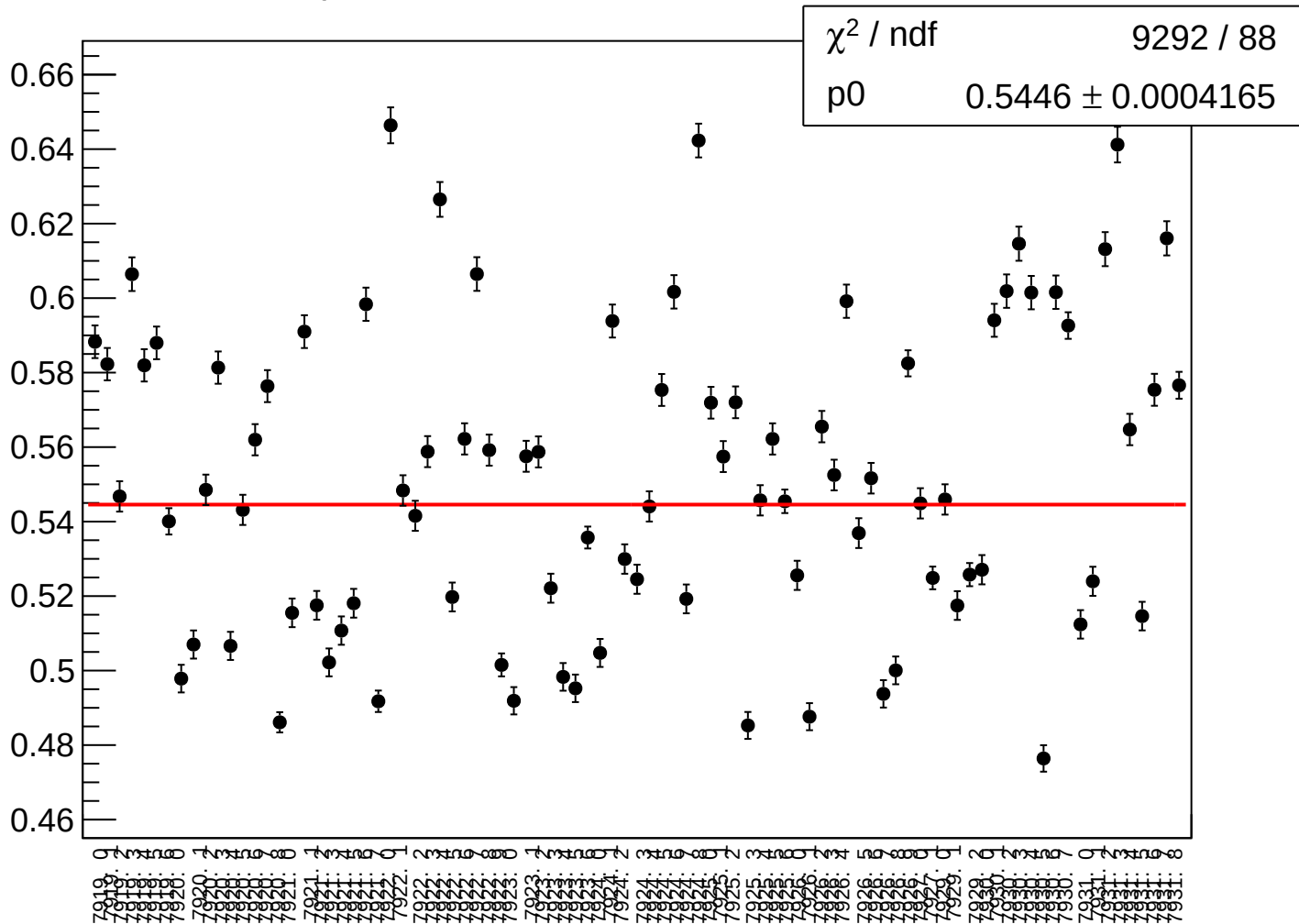
yield_bcm_an_ds3_rms vs run



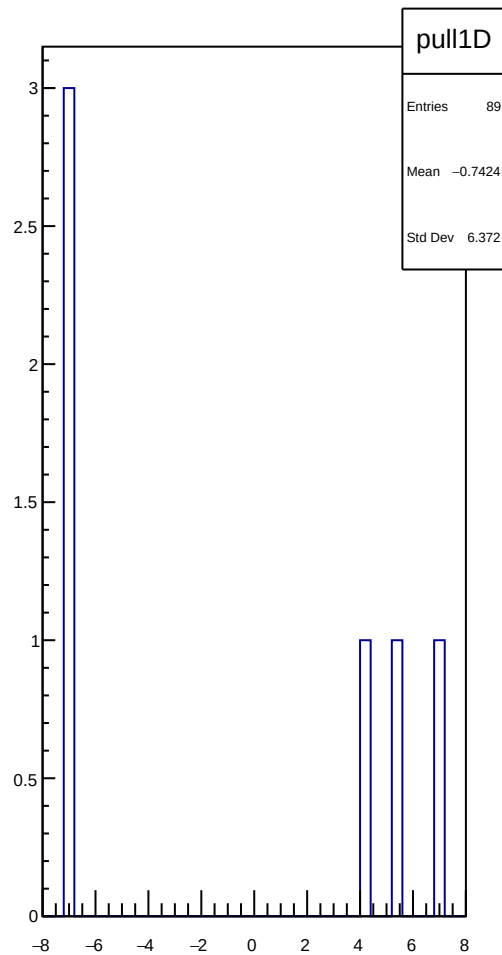
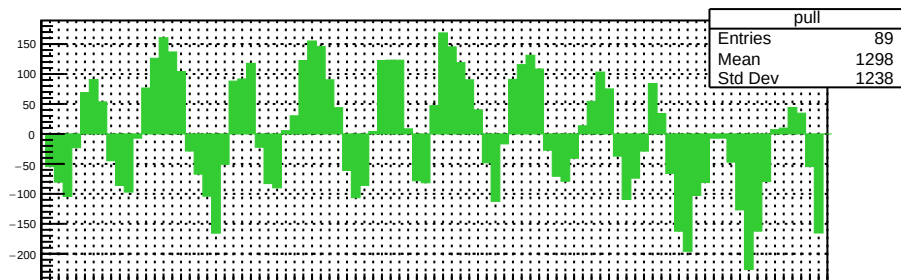
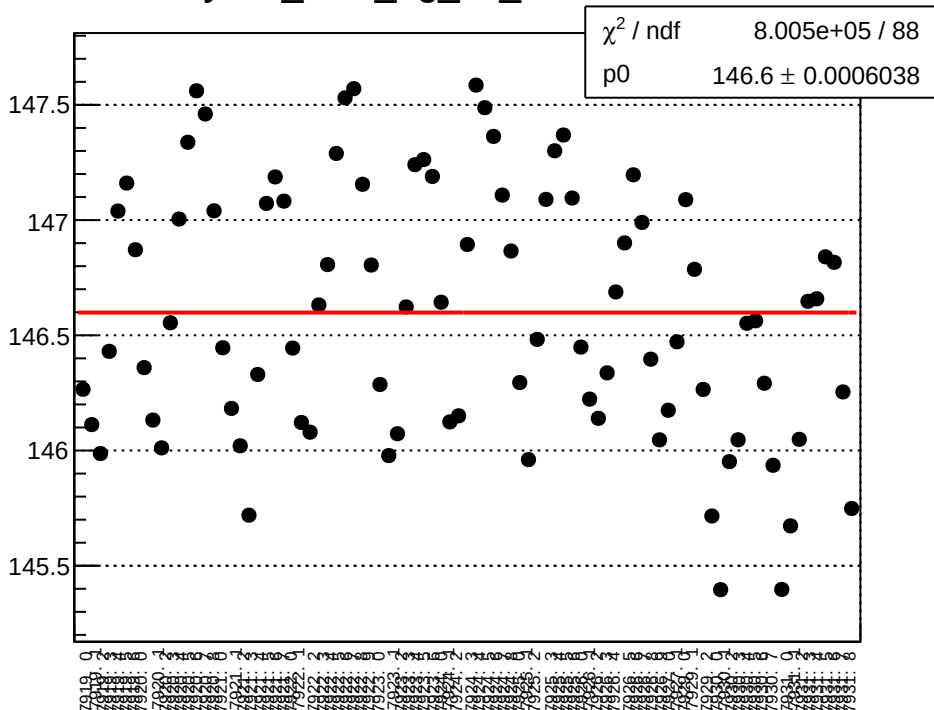
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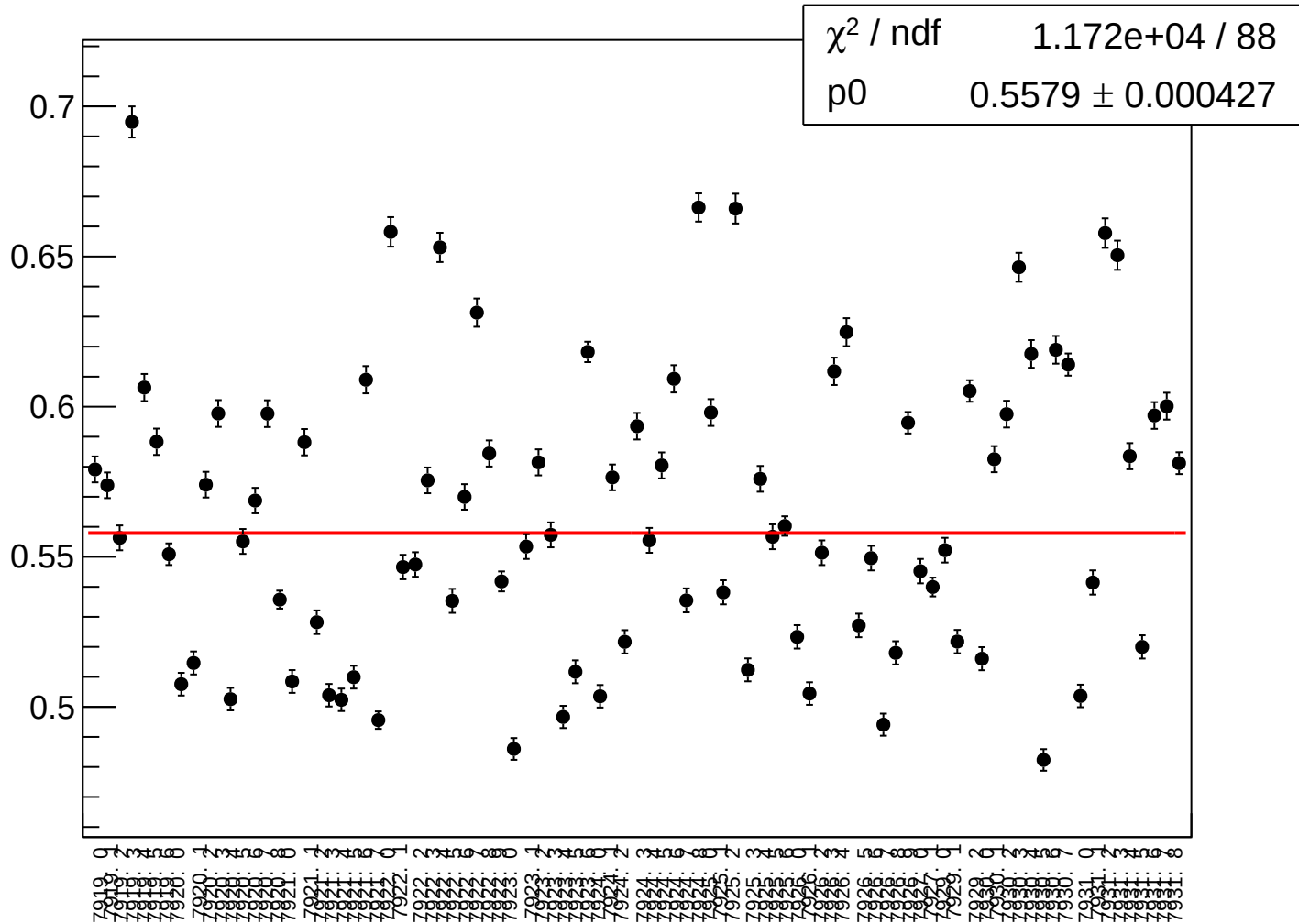
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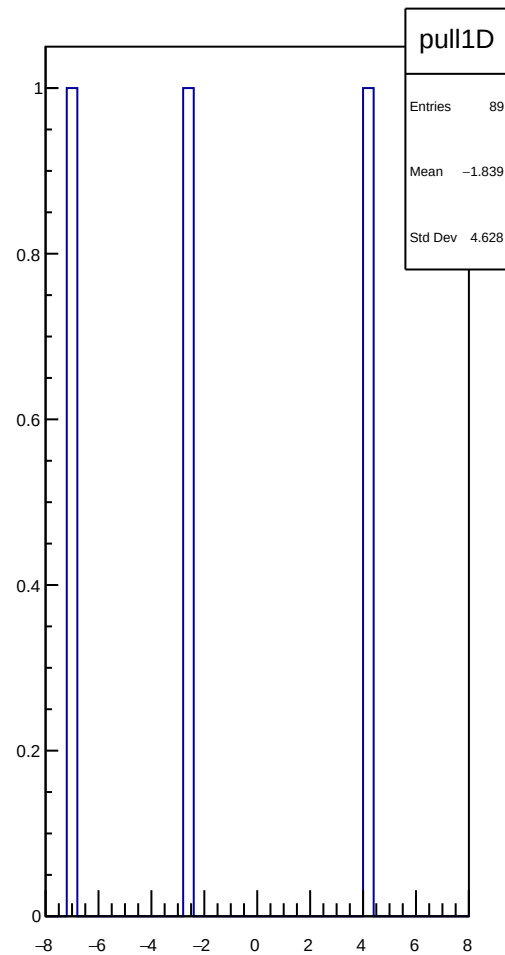
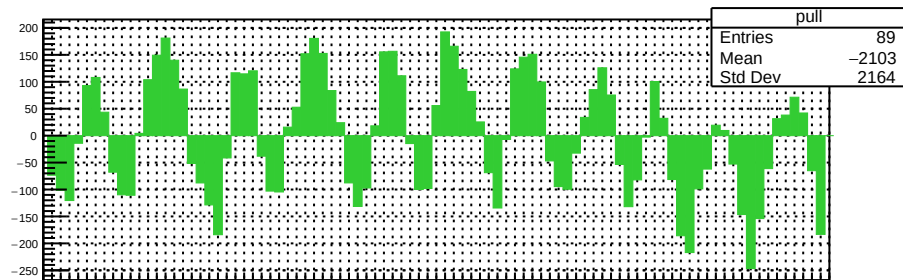
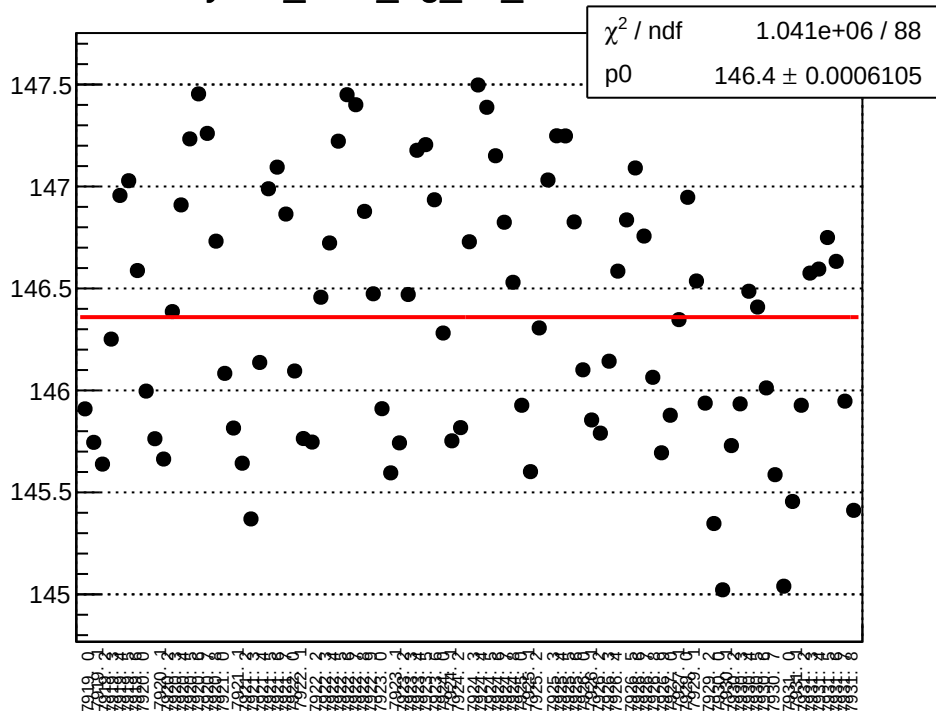
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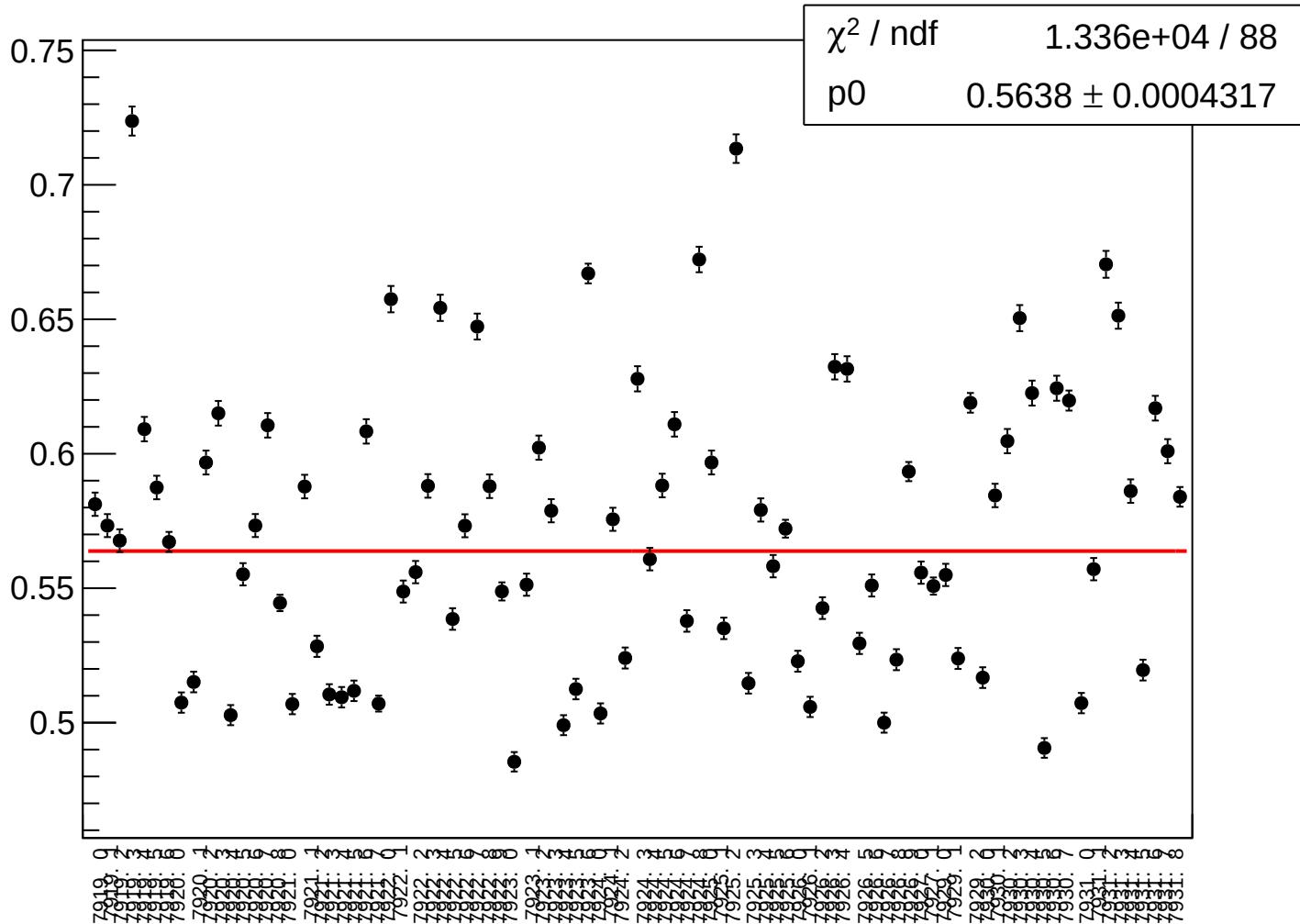
yield_bcm_dg_us_rms vs run



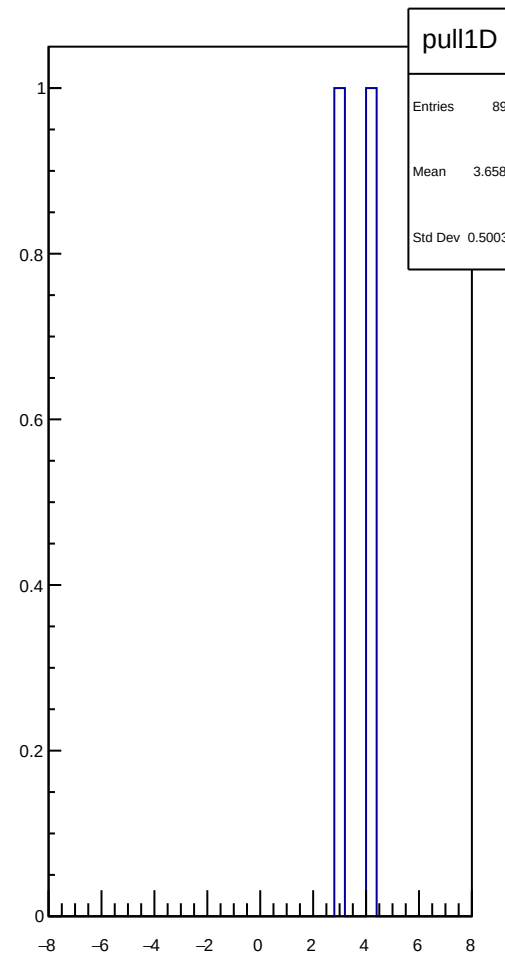
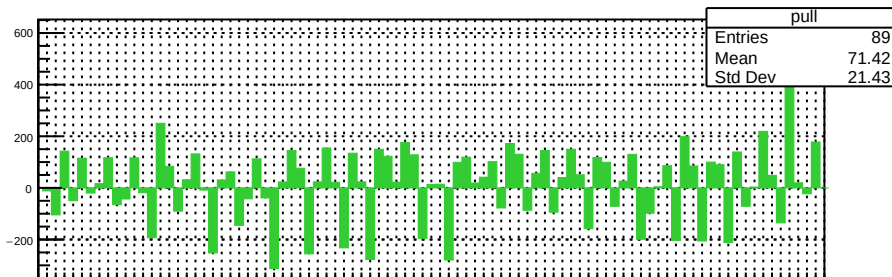
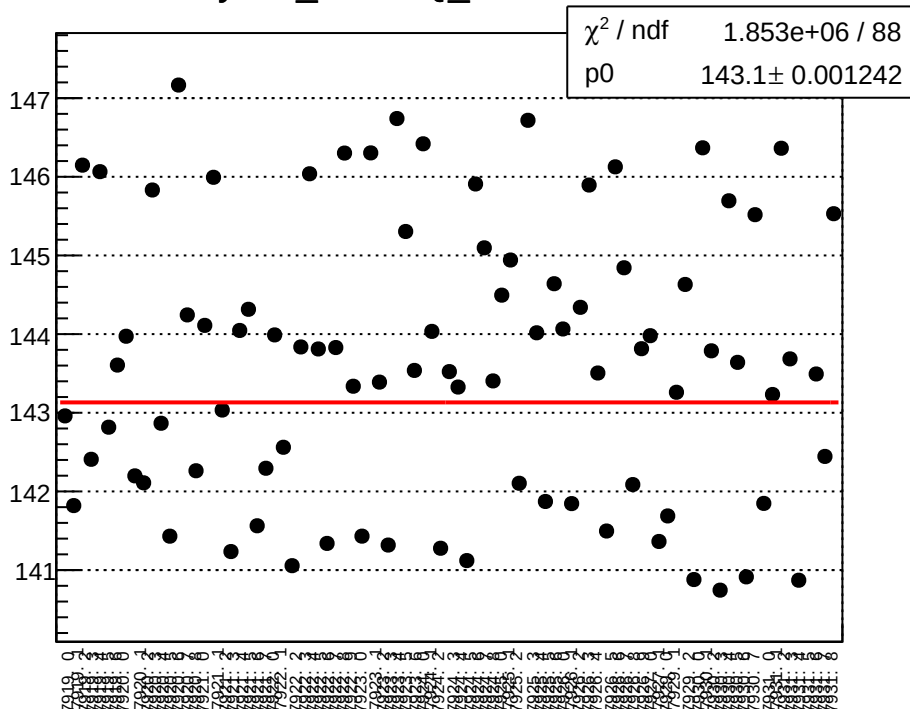
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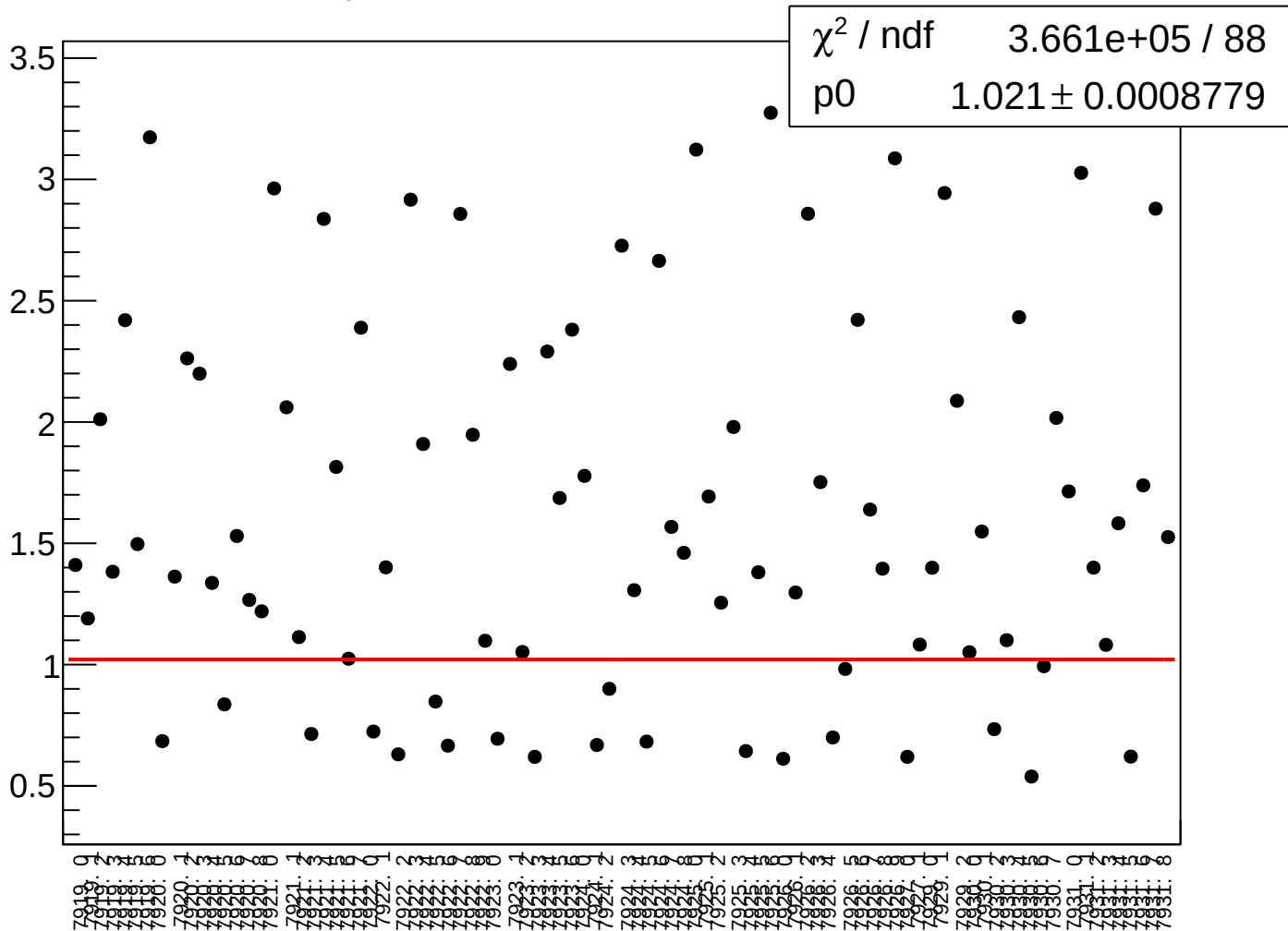
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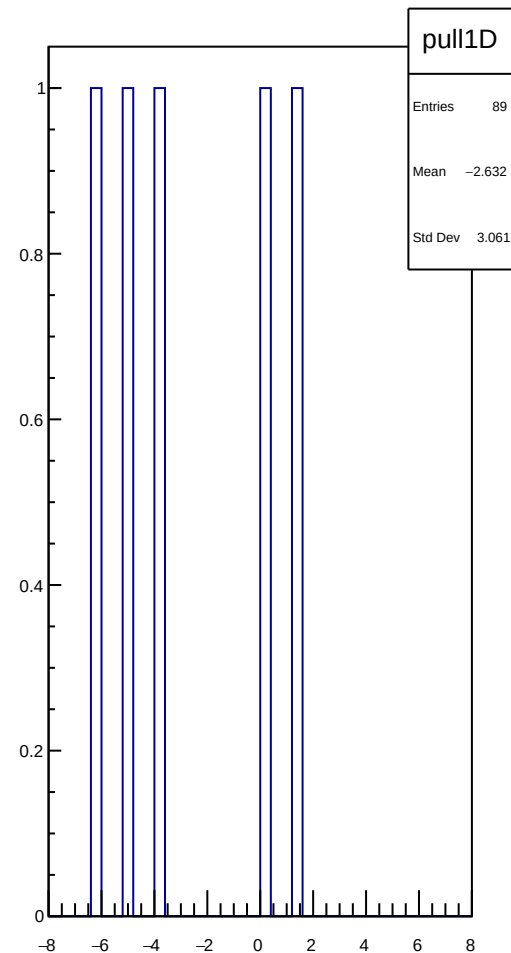
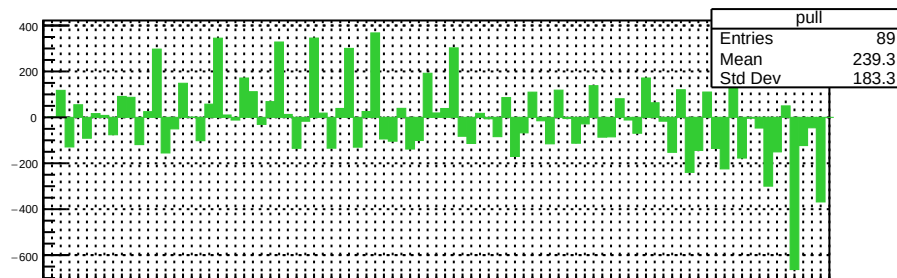
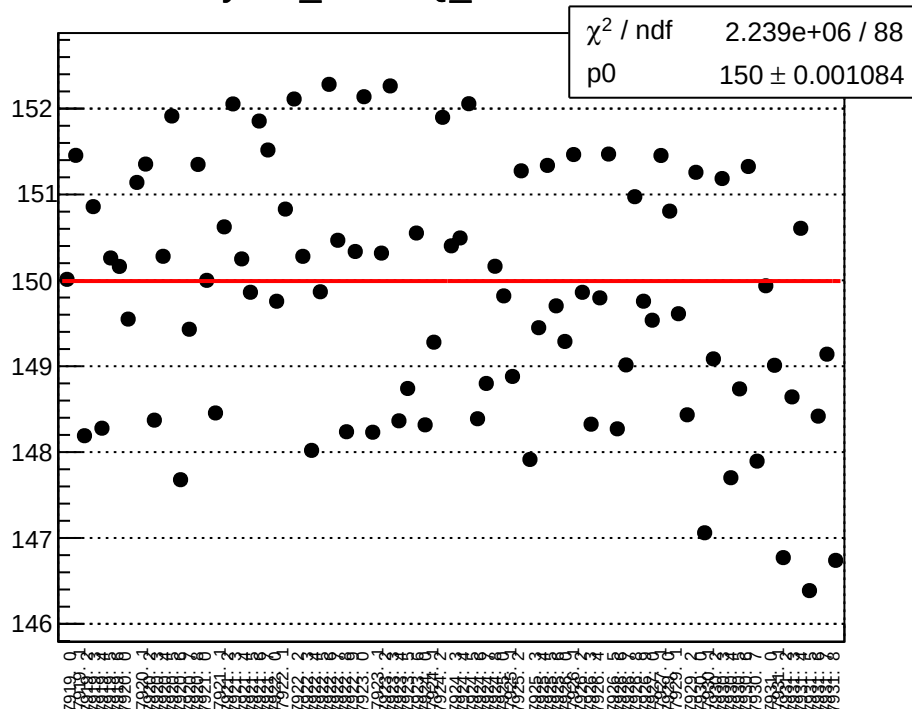
yield_cav4bQ_mean vs run



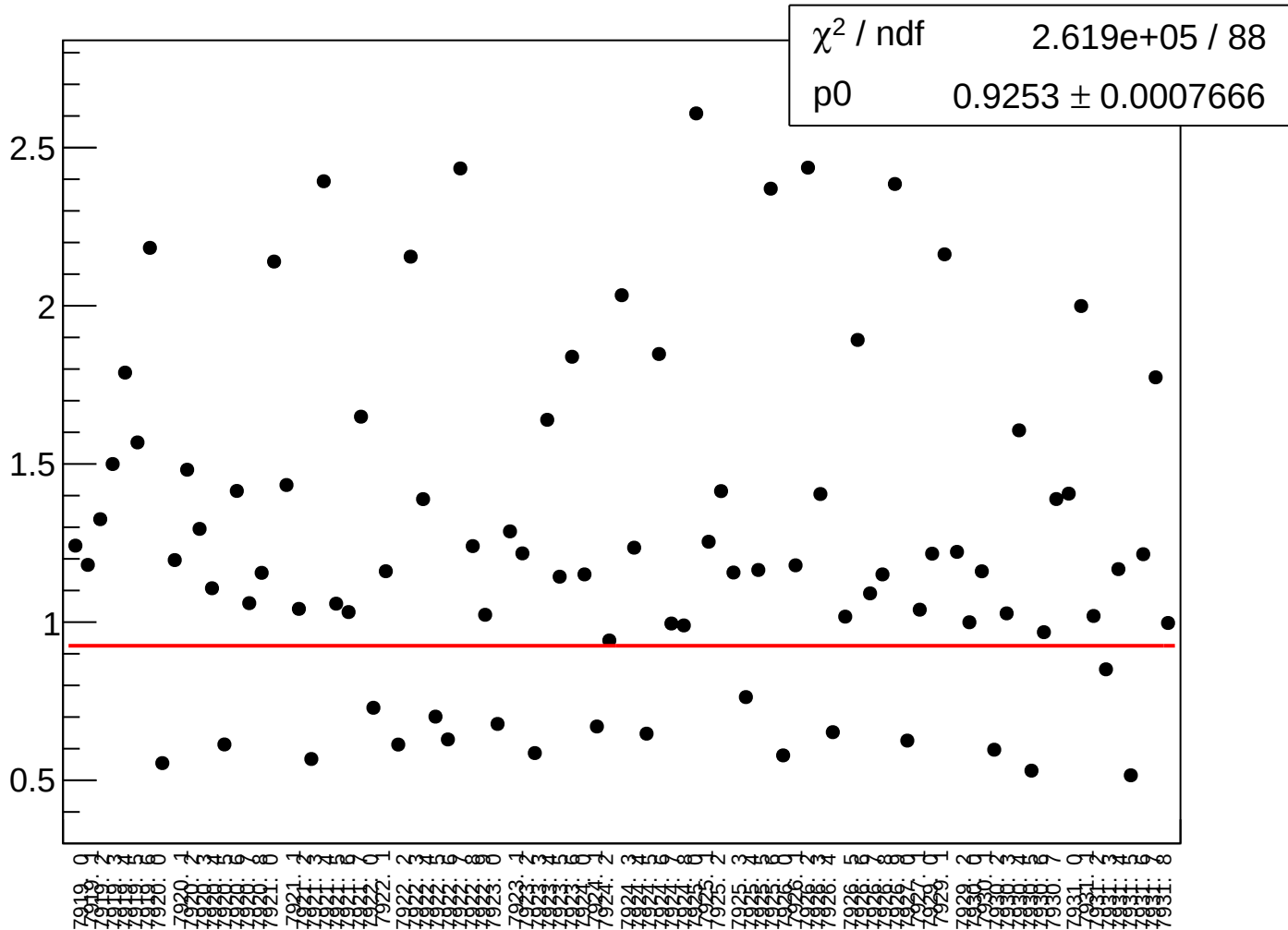
yield_cav4bQ_rms vs run



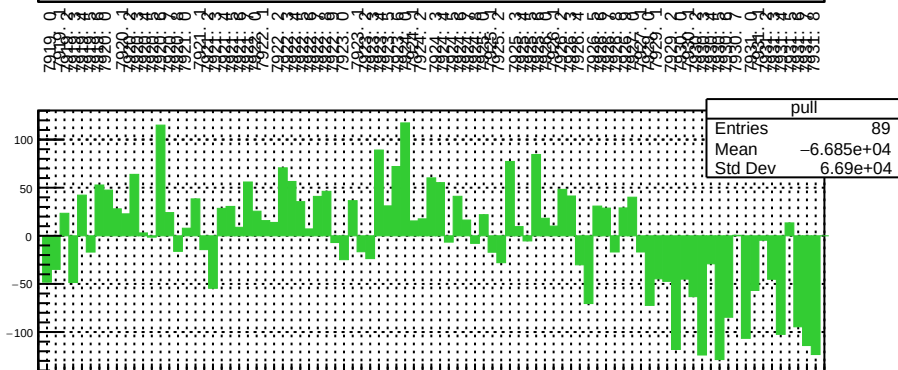
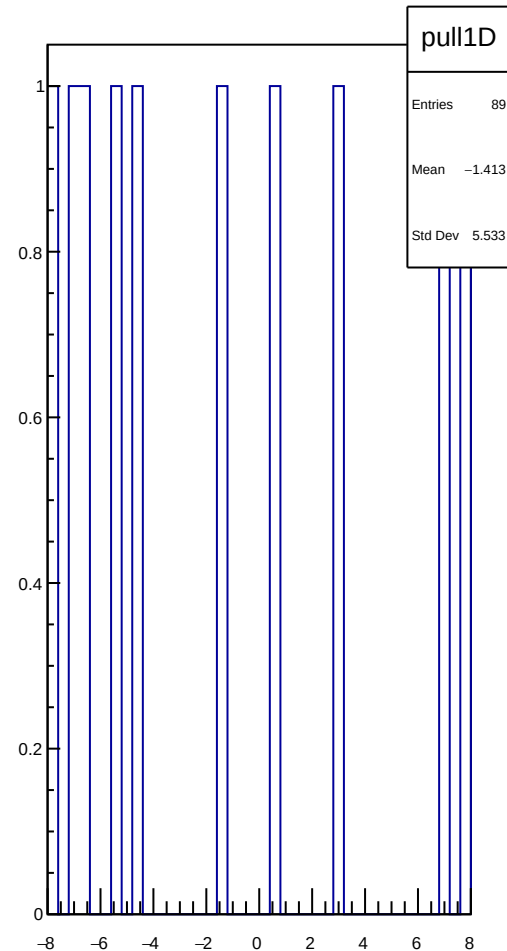
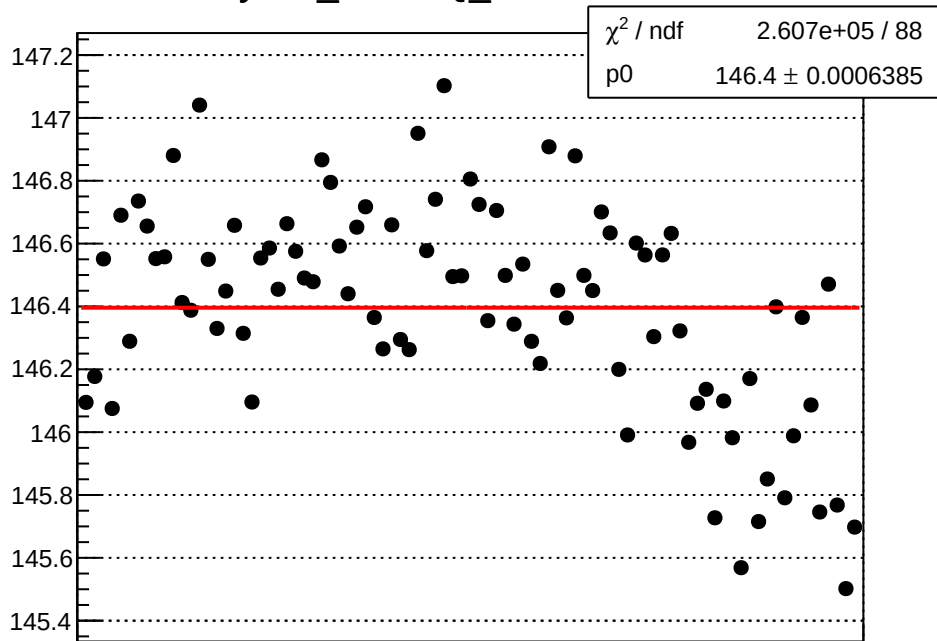
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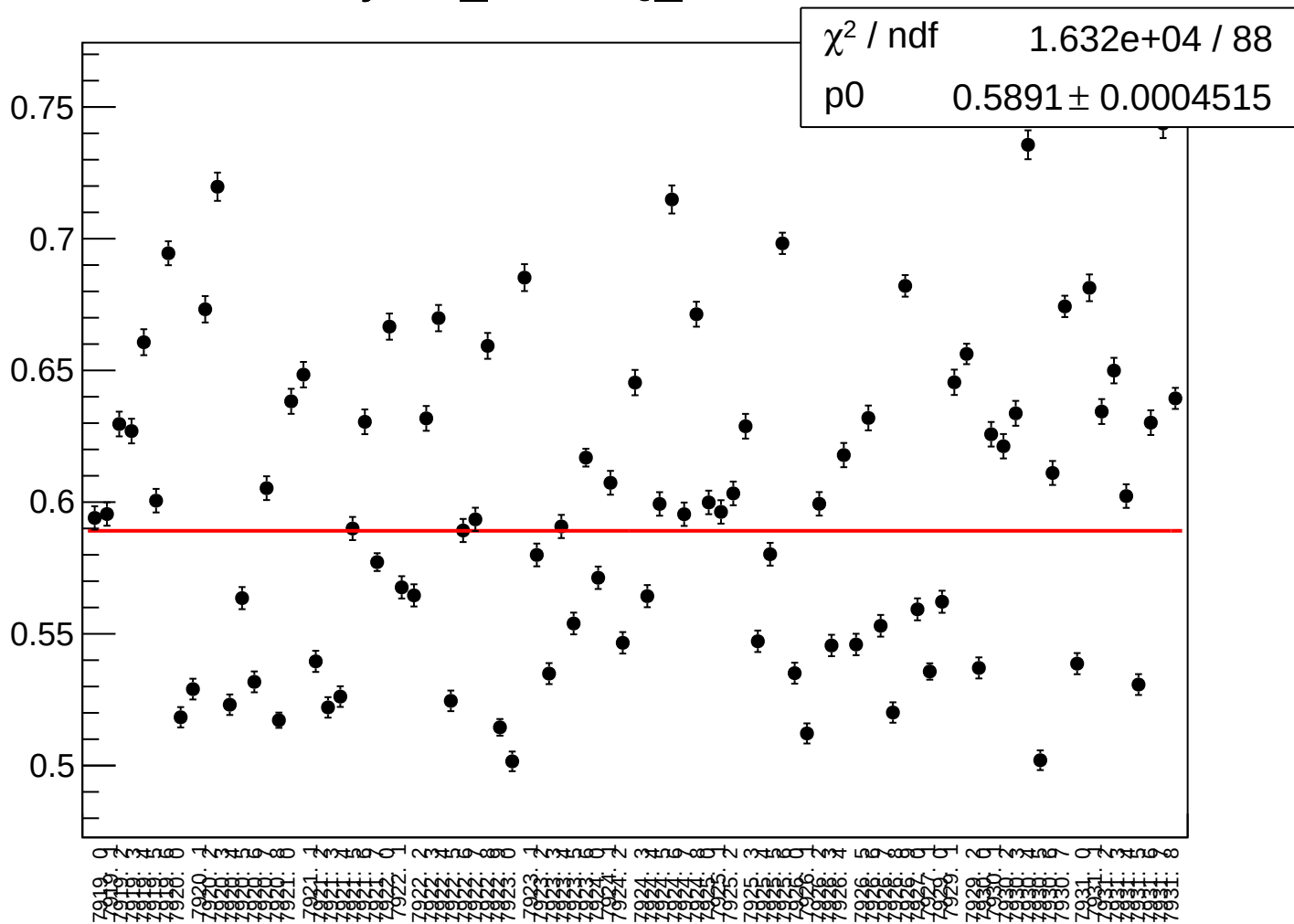
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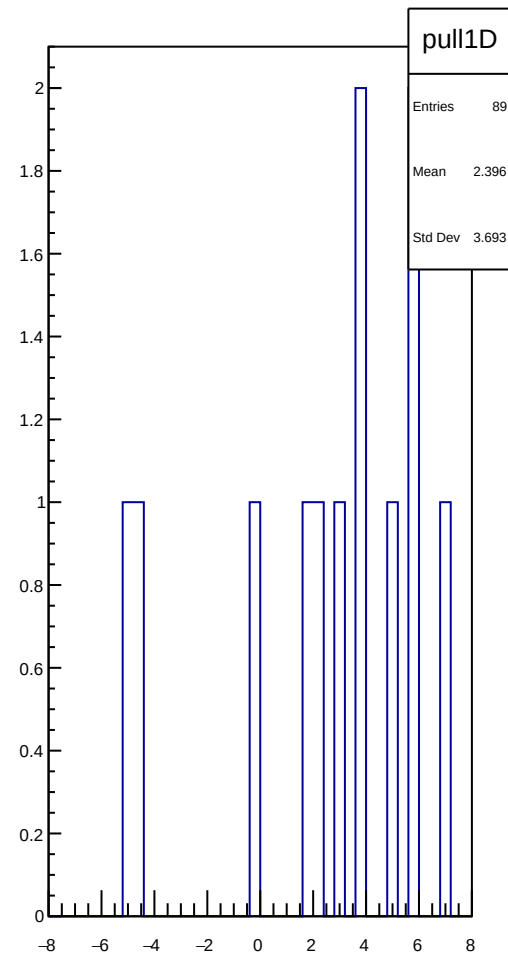
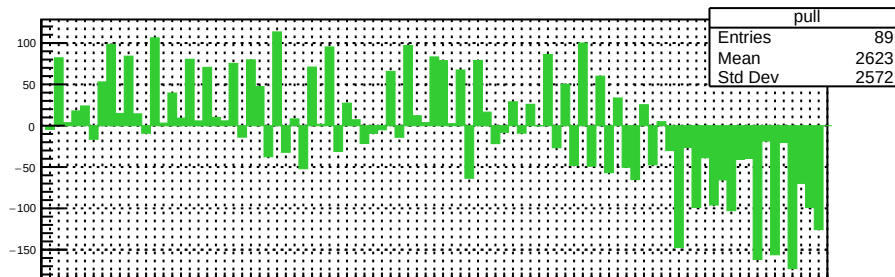
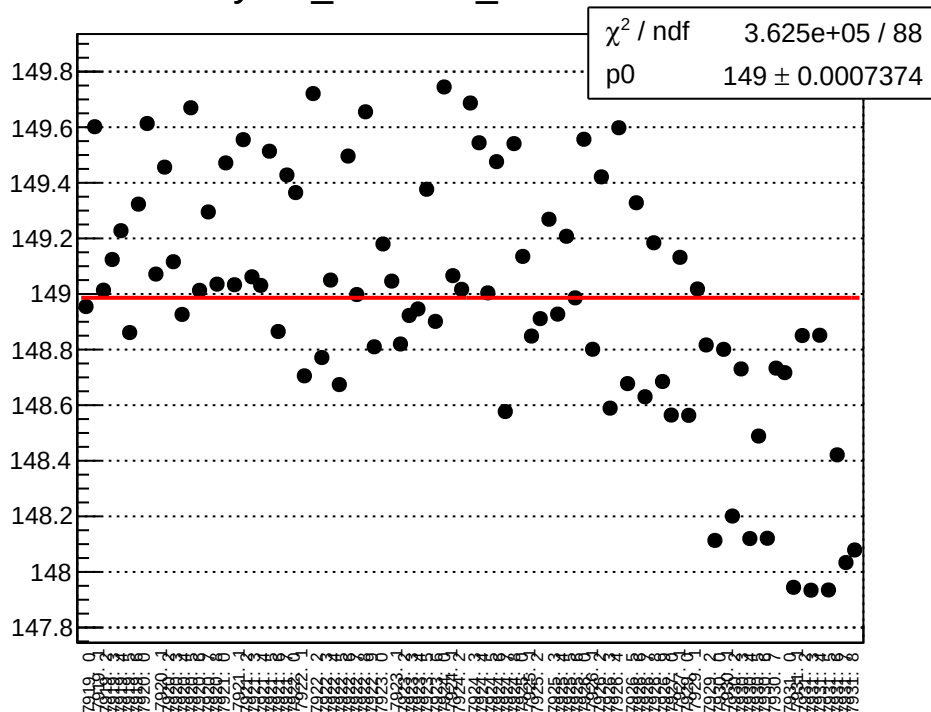
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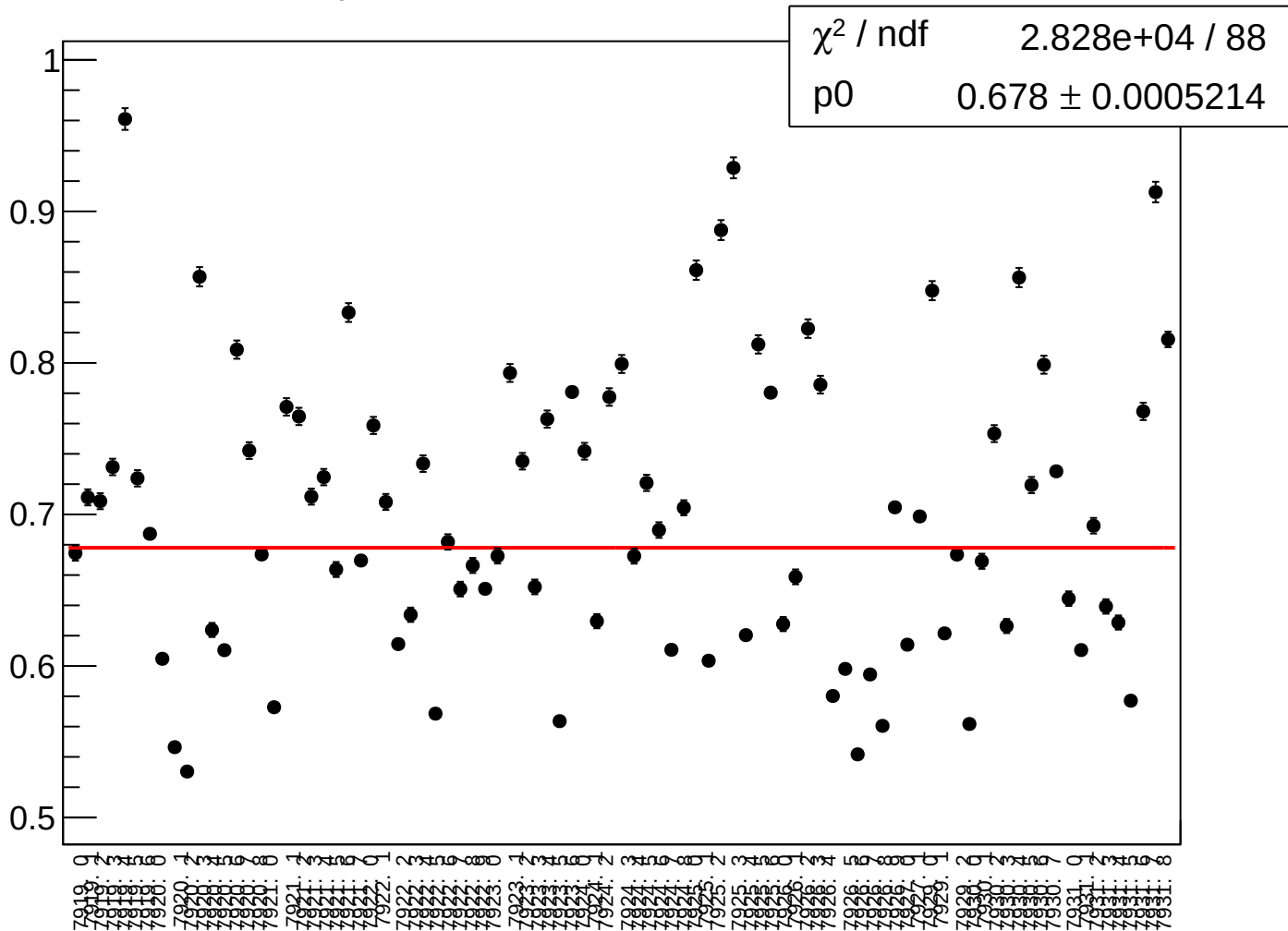
yield_cav4dQ_rms vs run



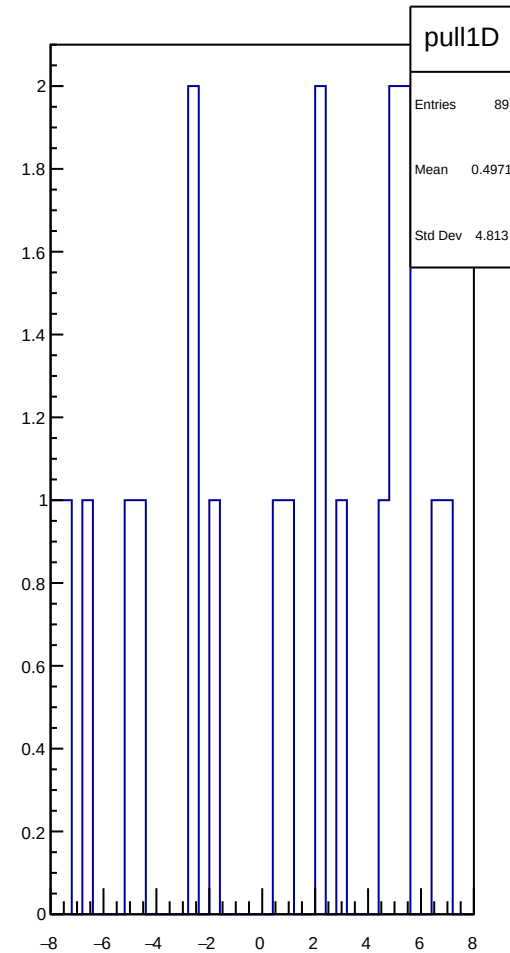
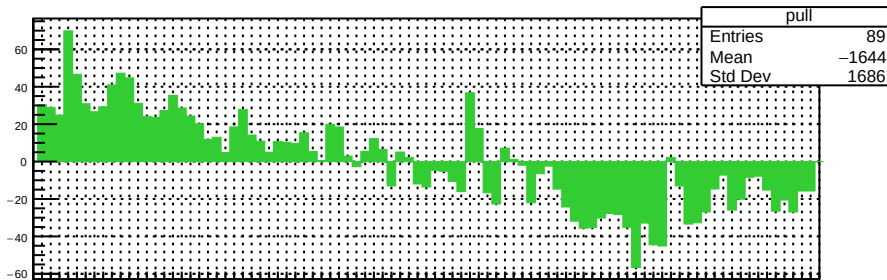
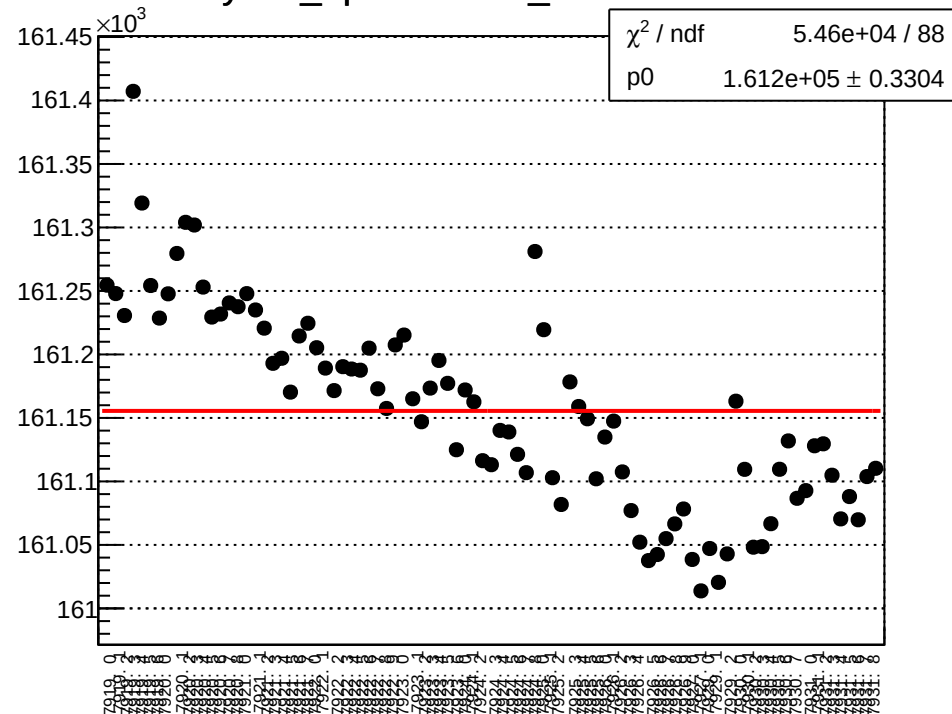
yield_bcm0l02_mean vs run



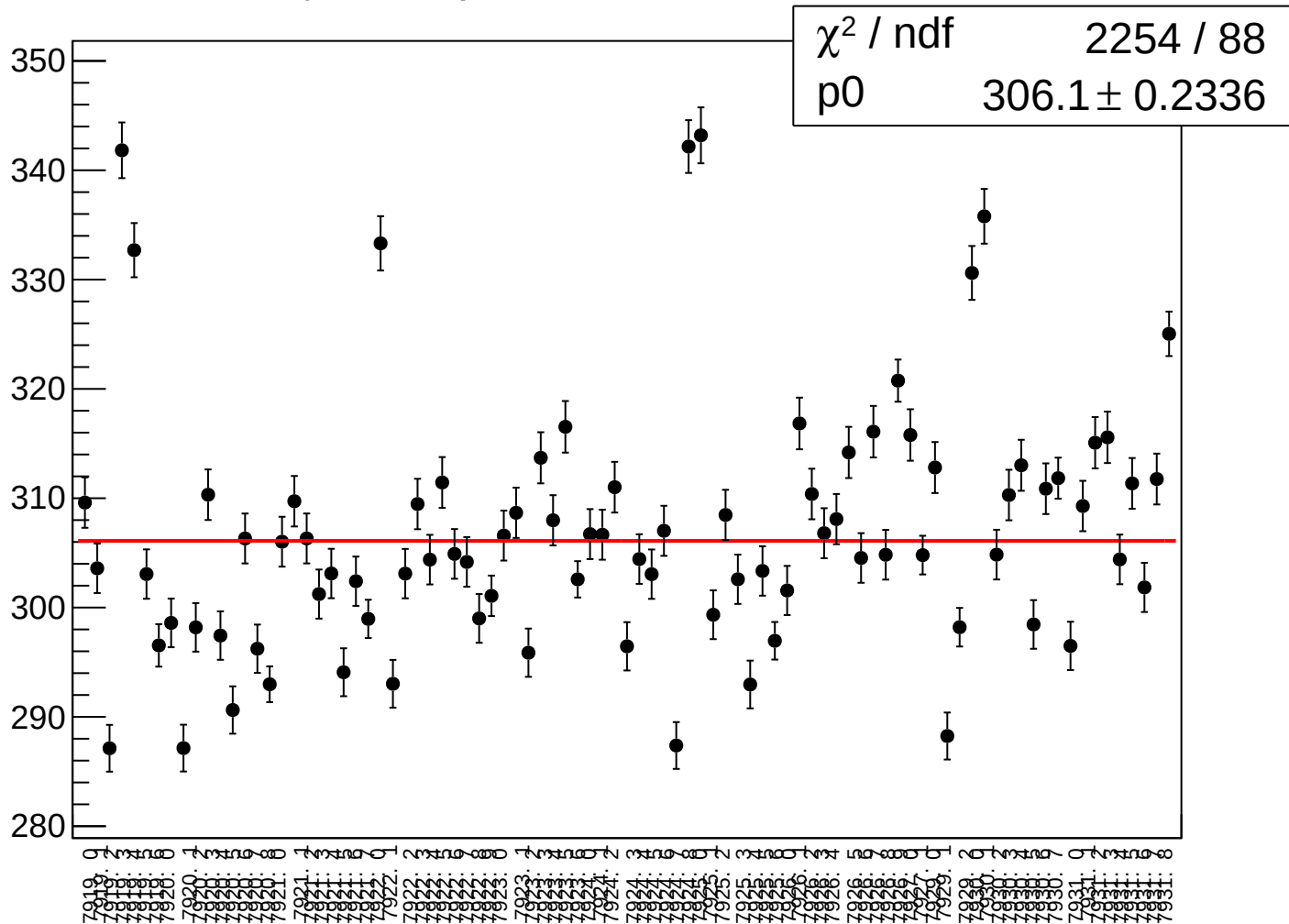
yield_bcm0l02_rms vs run



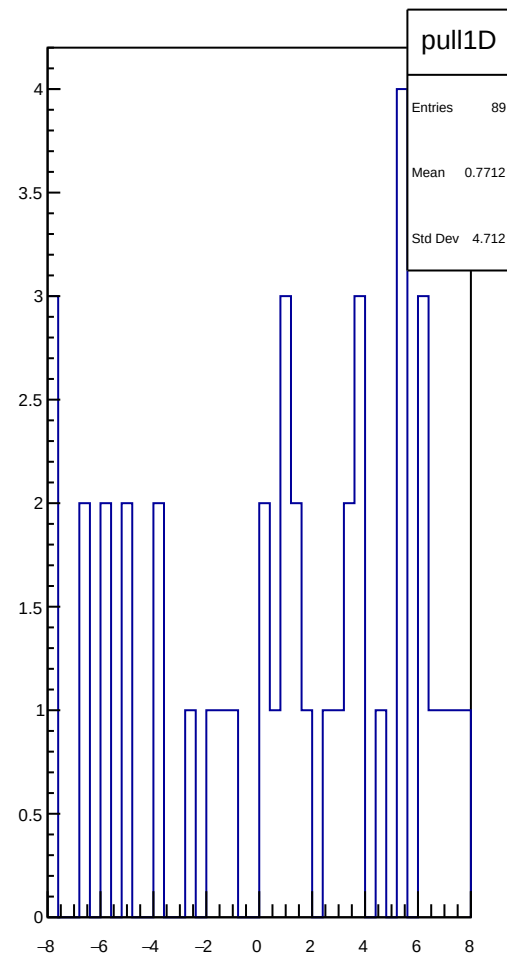
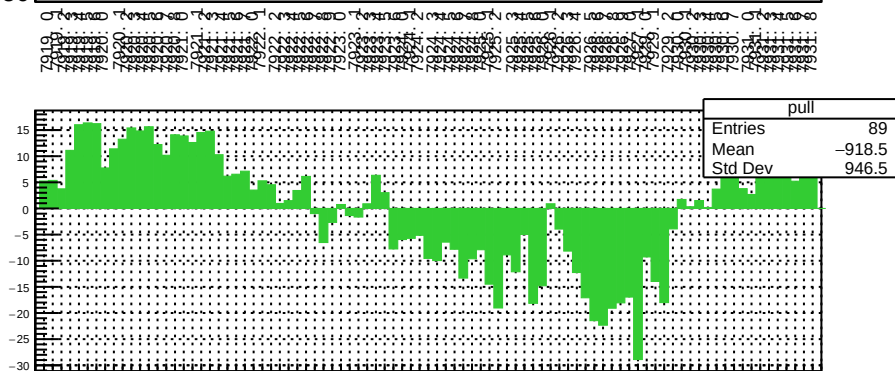
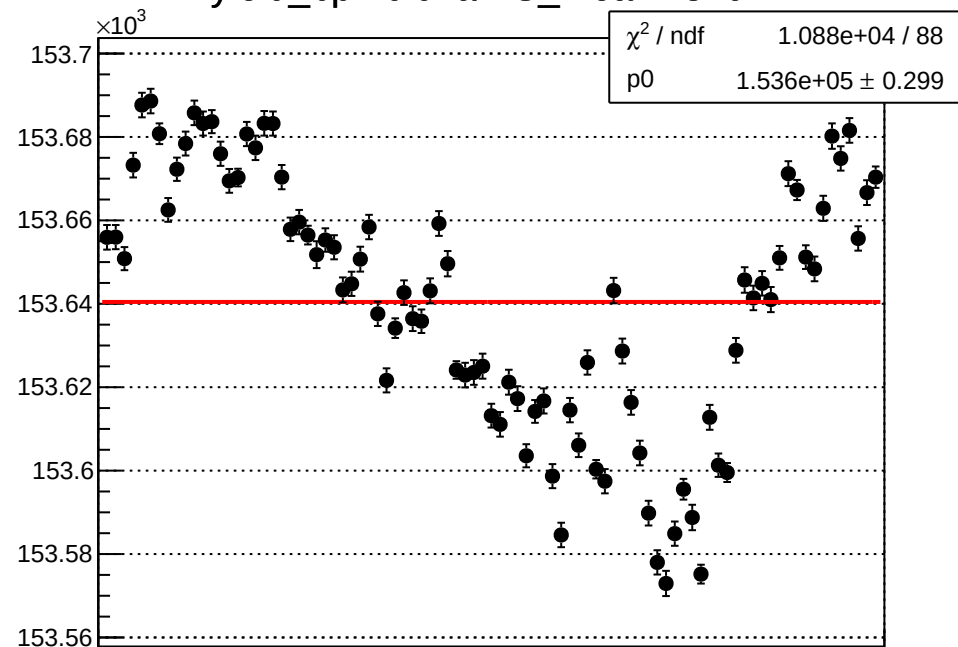
yield_bpm0i01WS_mean vs run



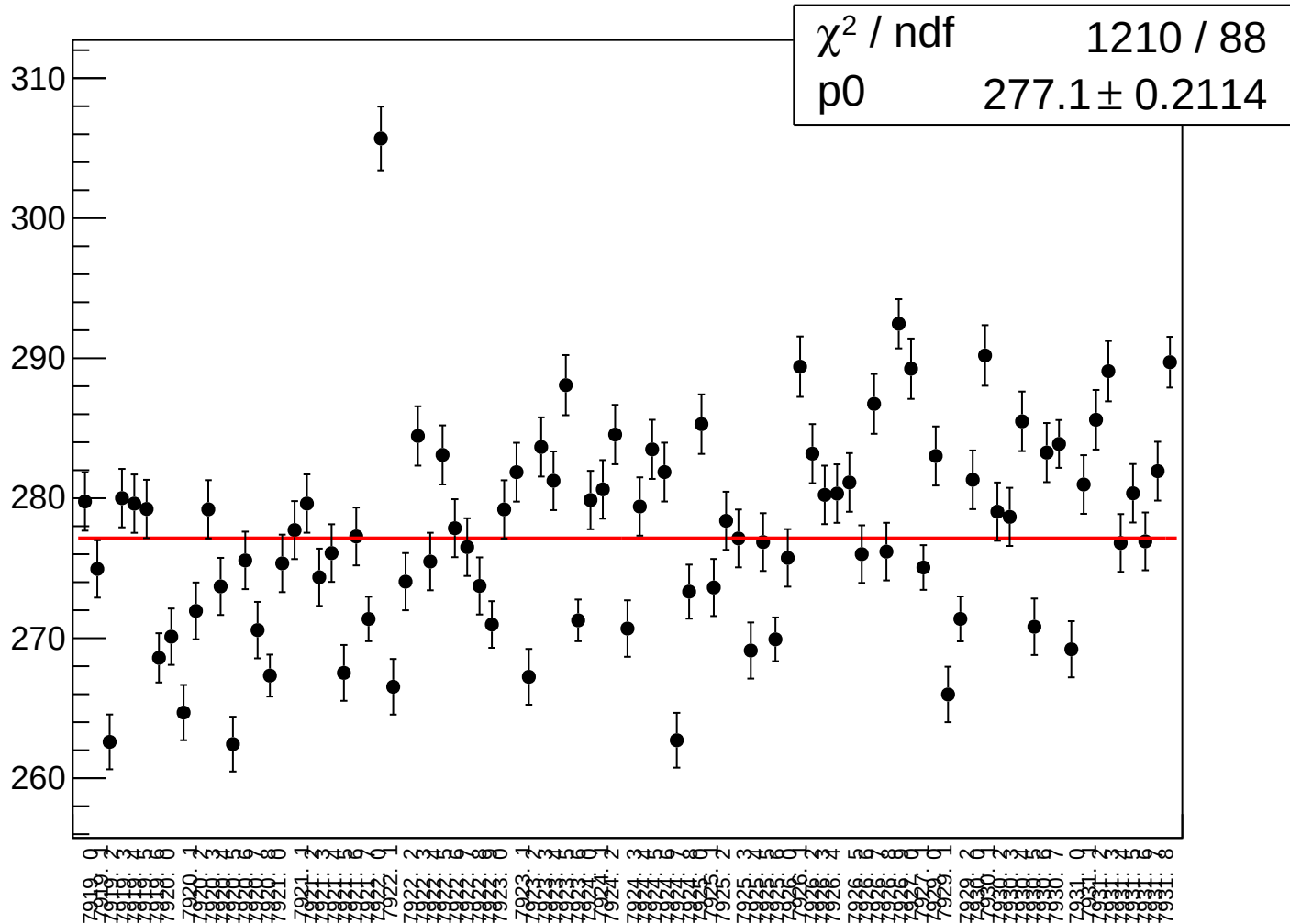
yield_bpm0i01WS_rms vs run



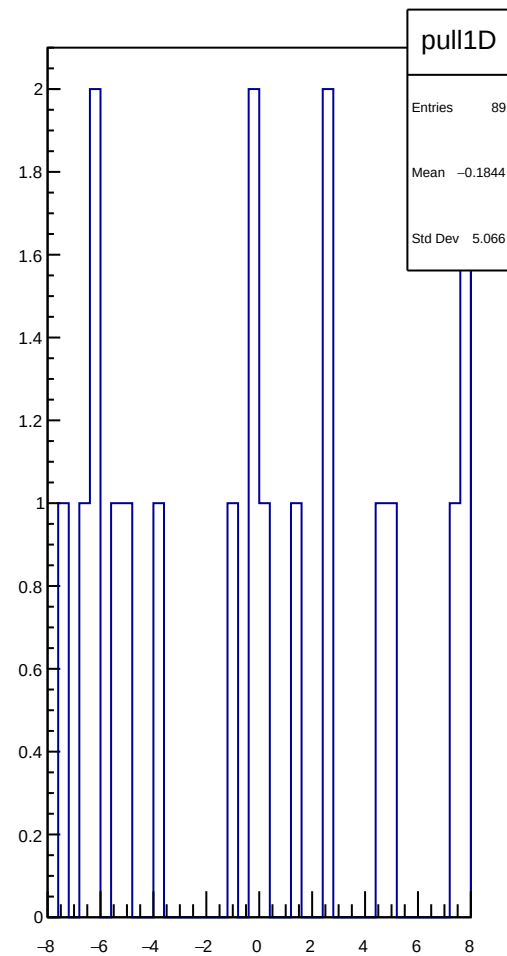
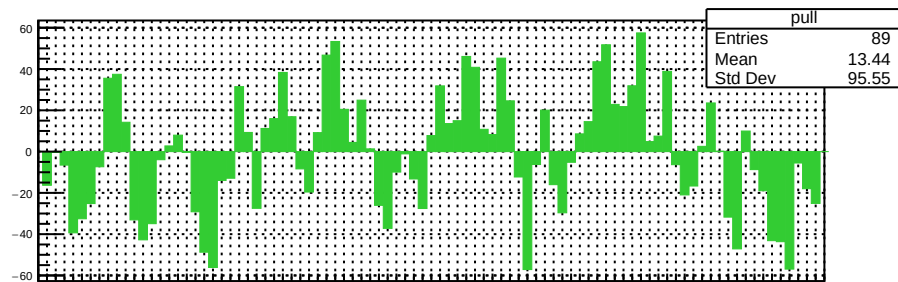
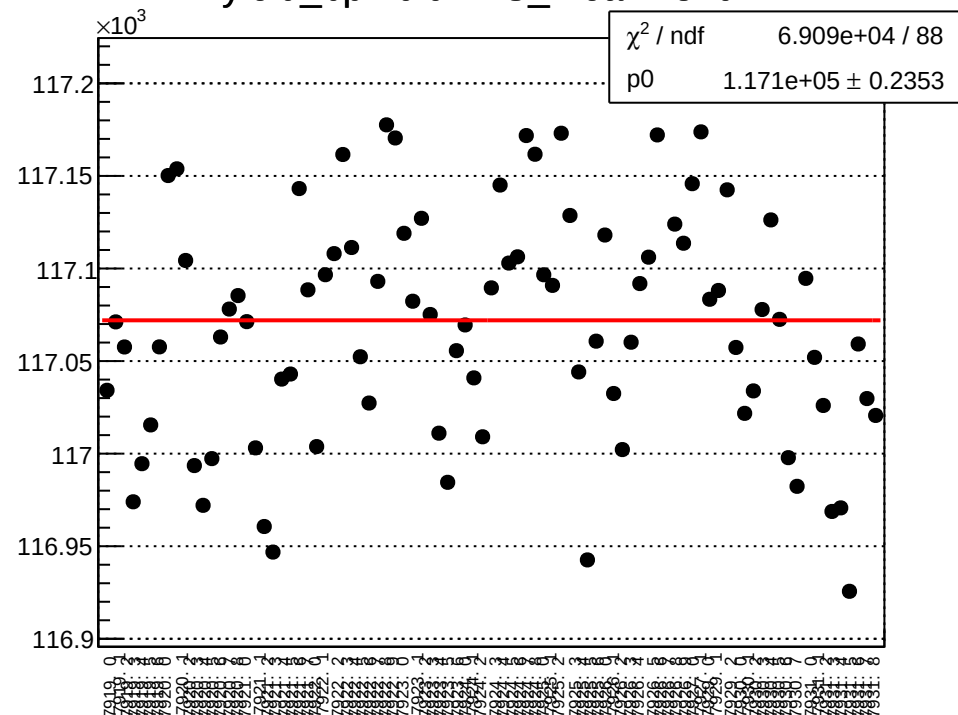
yield_bpm0i01aWS_mean vs run



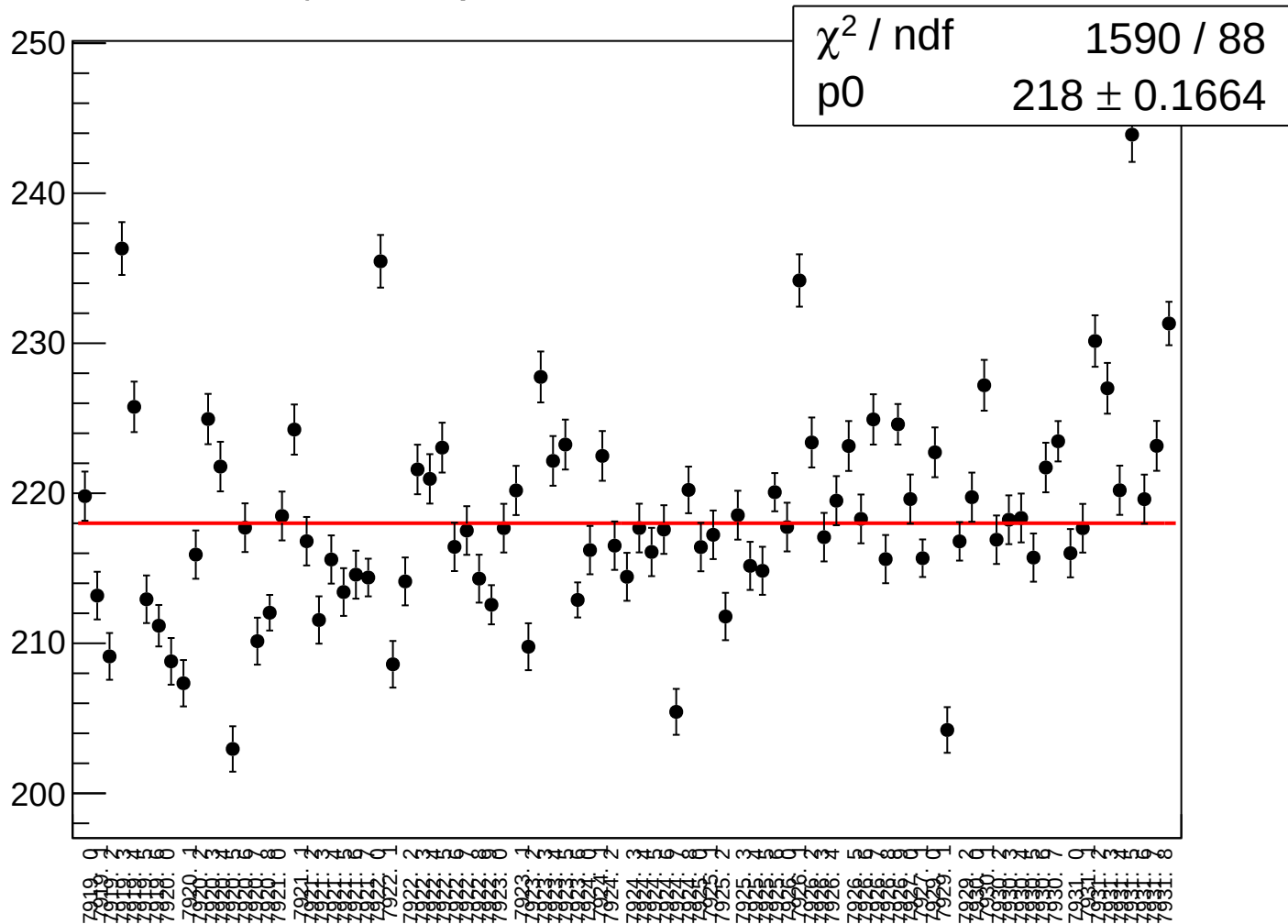
yield_bpm0i01aWS_rms vs run



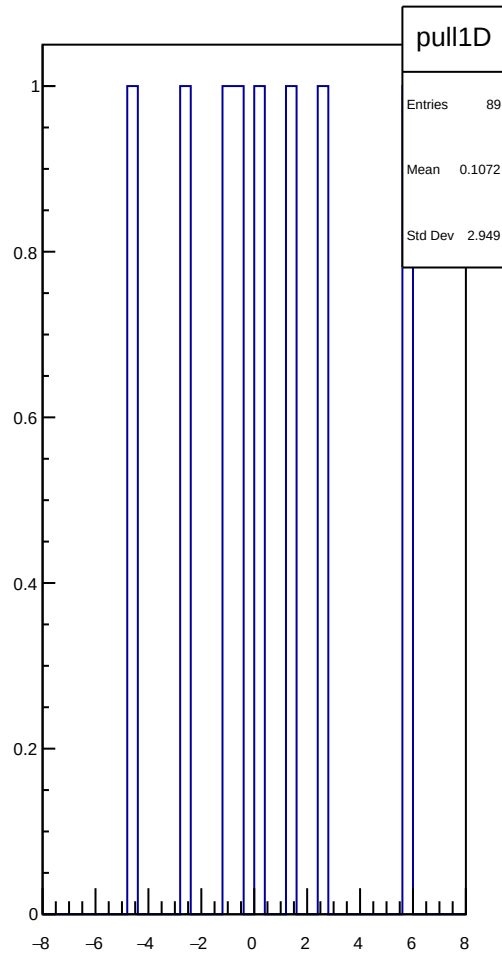
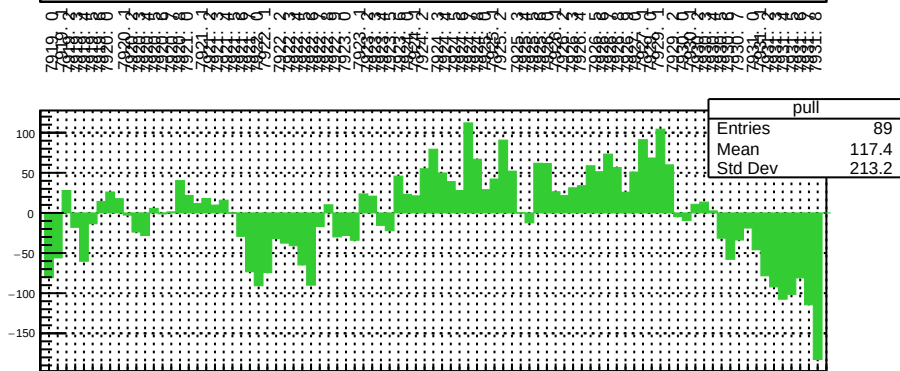
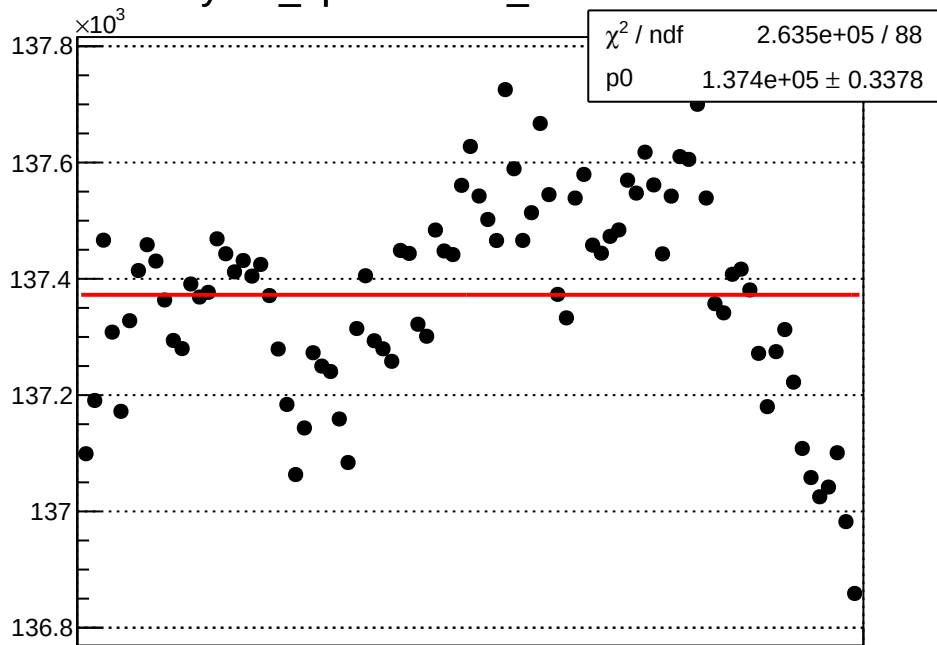
yield_bpm0l01WS_mean vs run



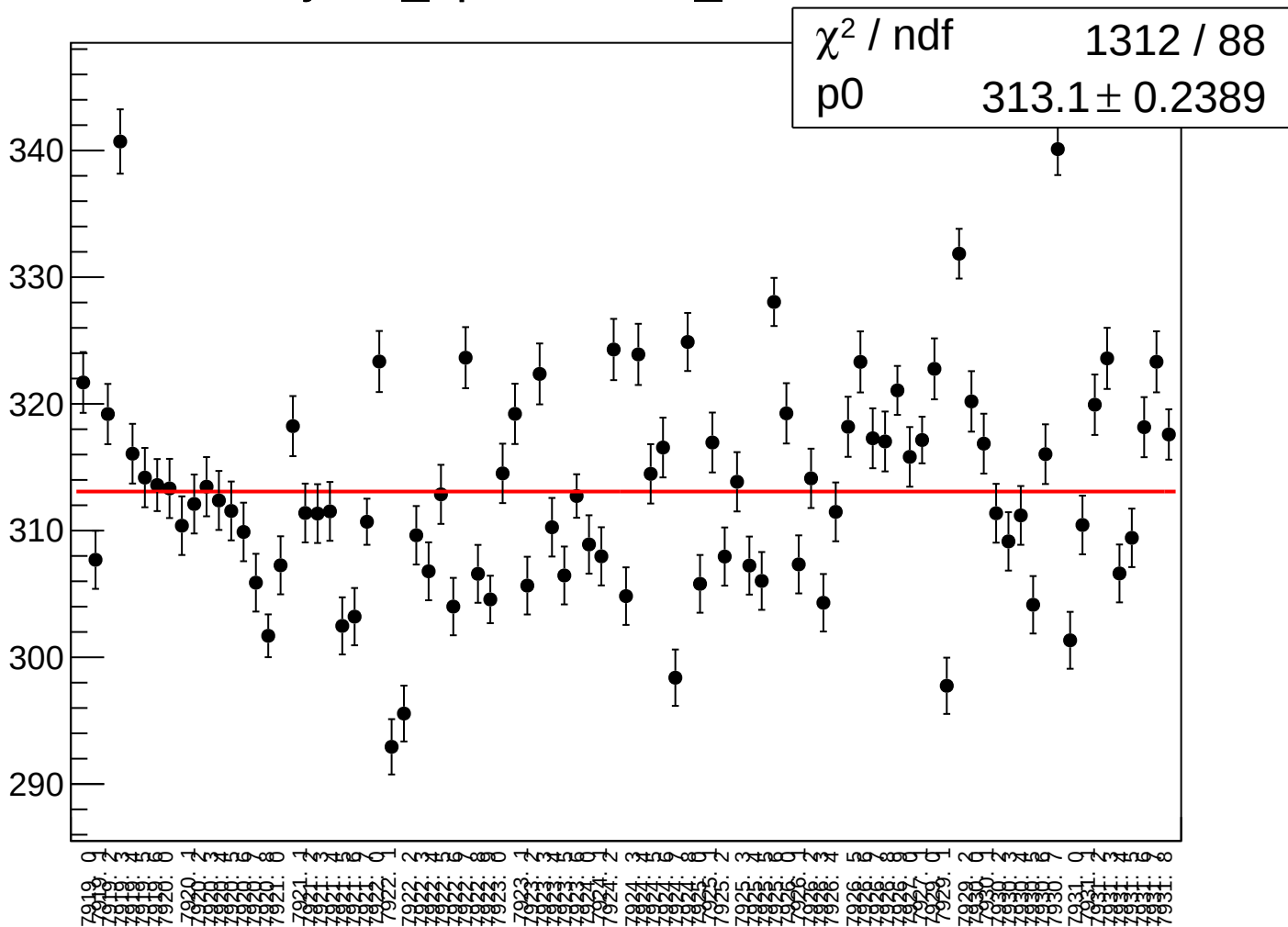
yield_bpm0l01WS_rms vs run



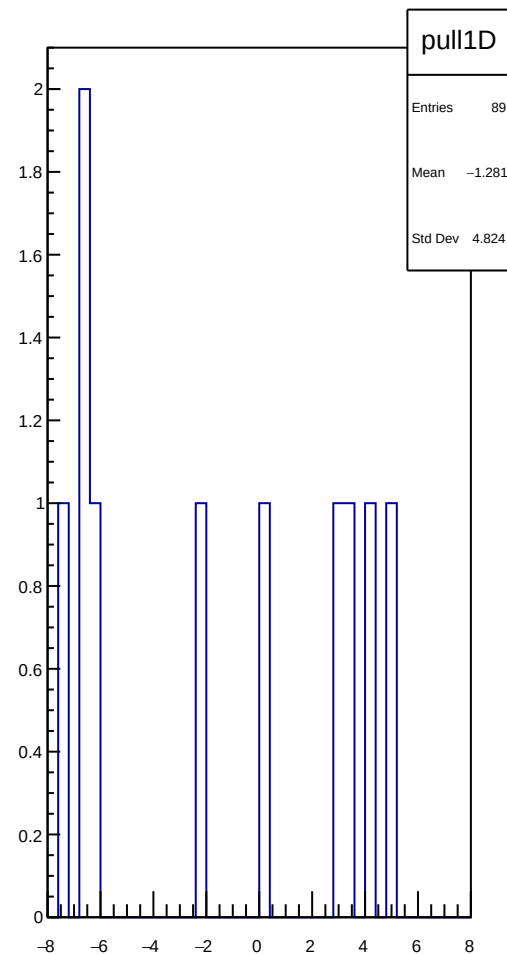
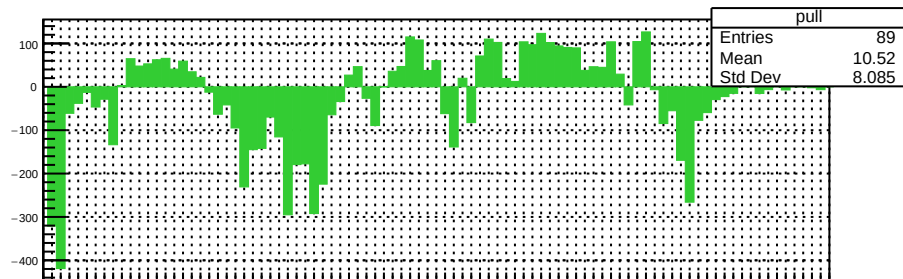
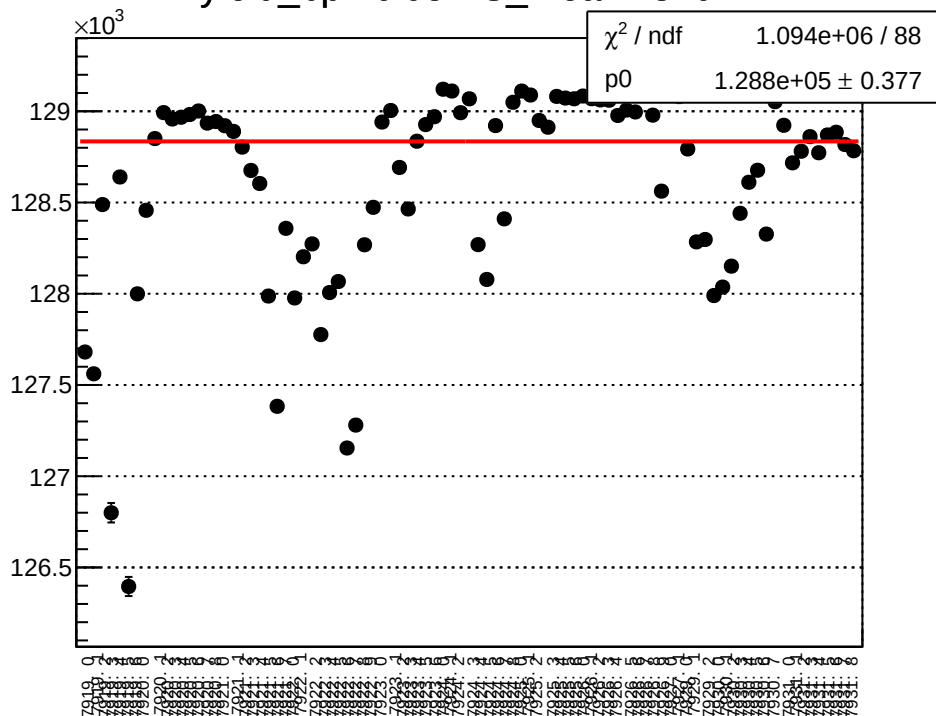
yield_bpm0l02WS_mean vs run



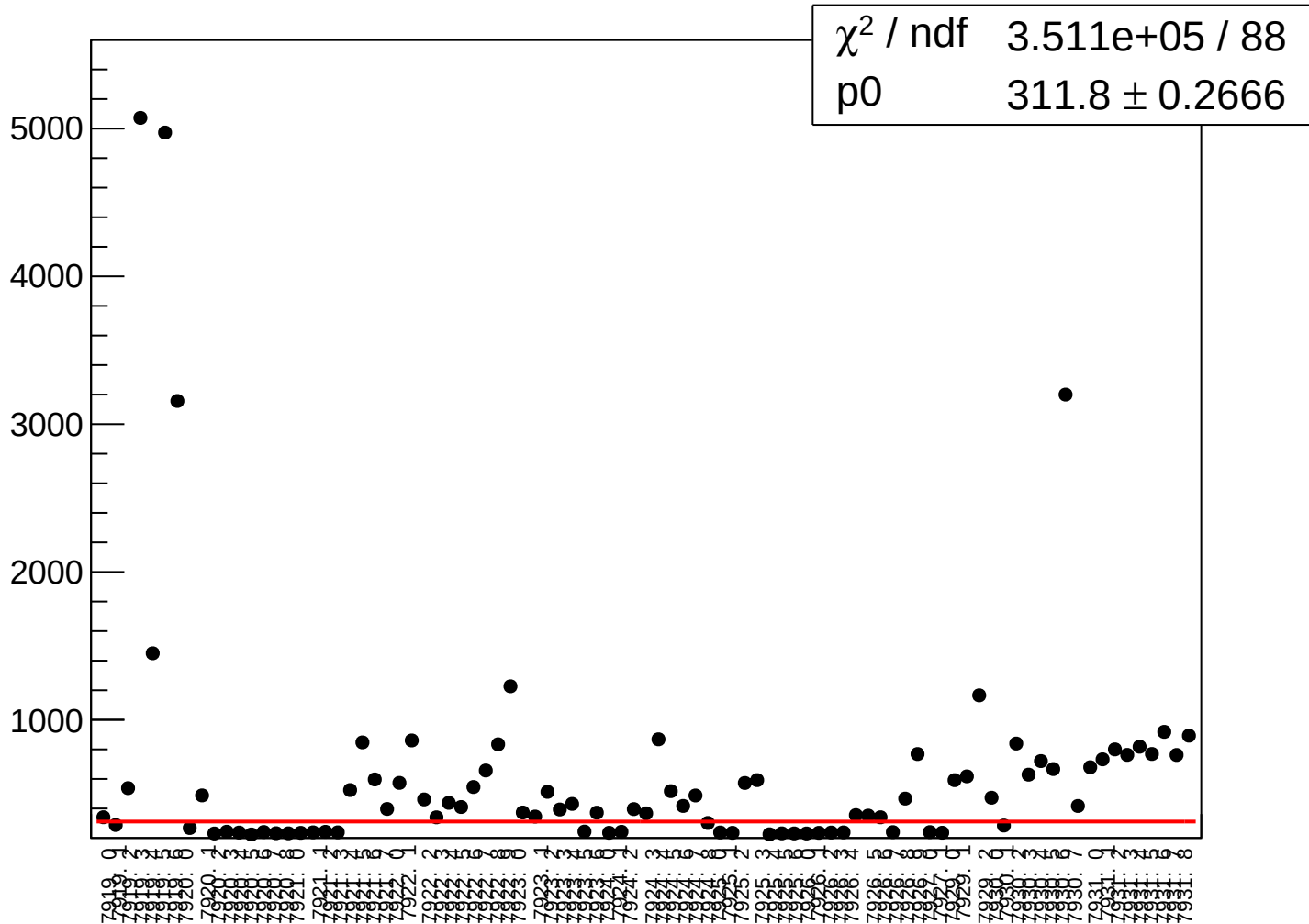
yield_bpm0l02WS_rms vs run



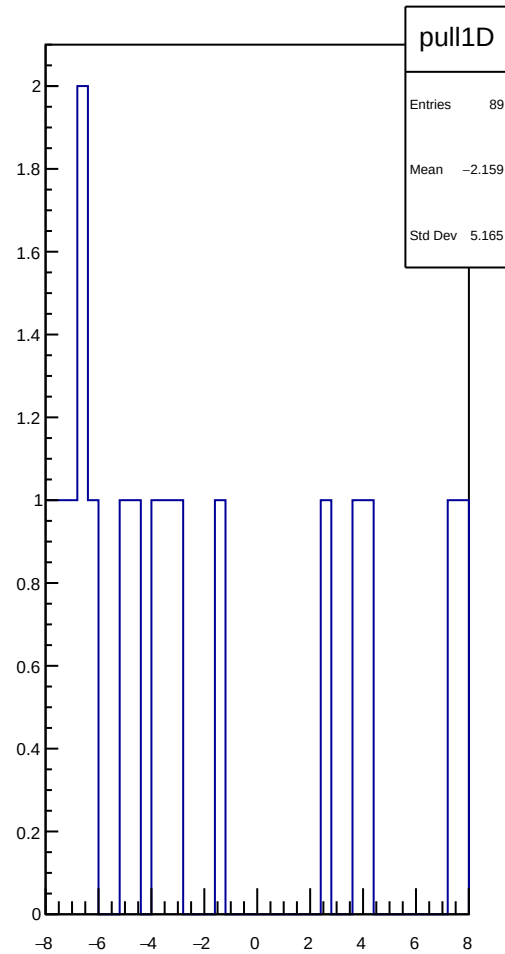
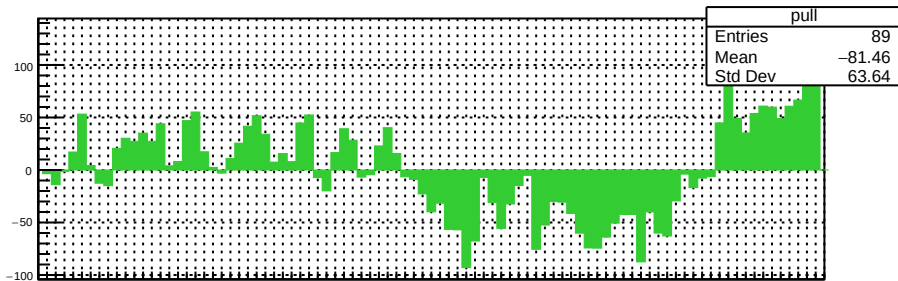
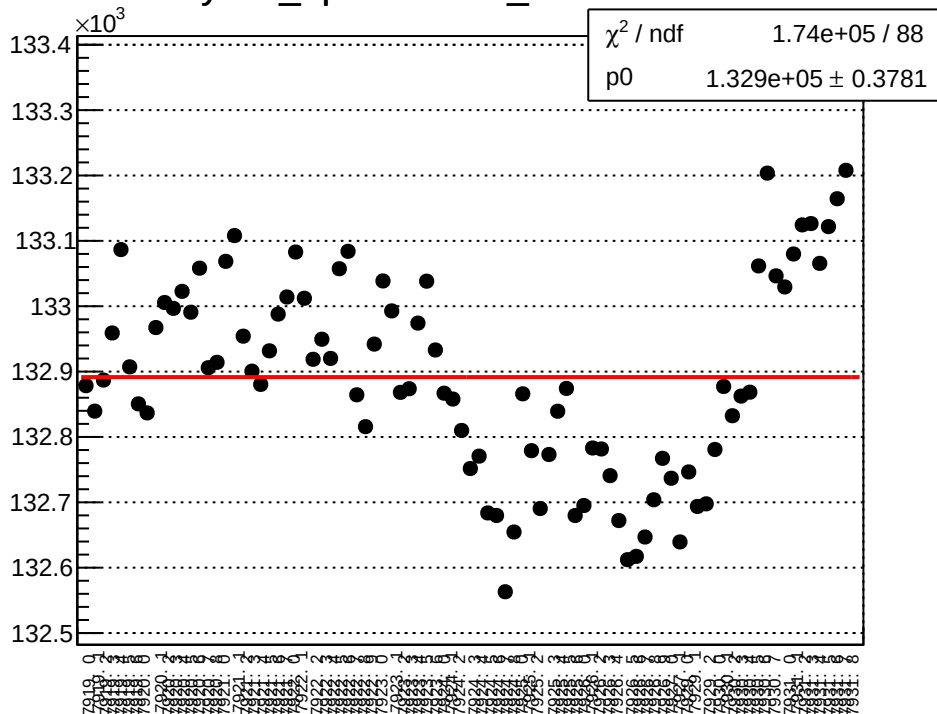
yield_bpm0l03WS_mean vs run



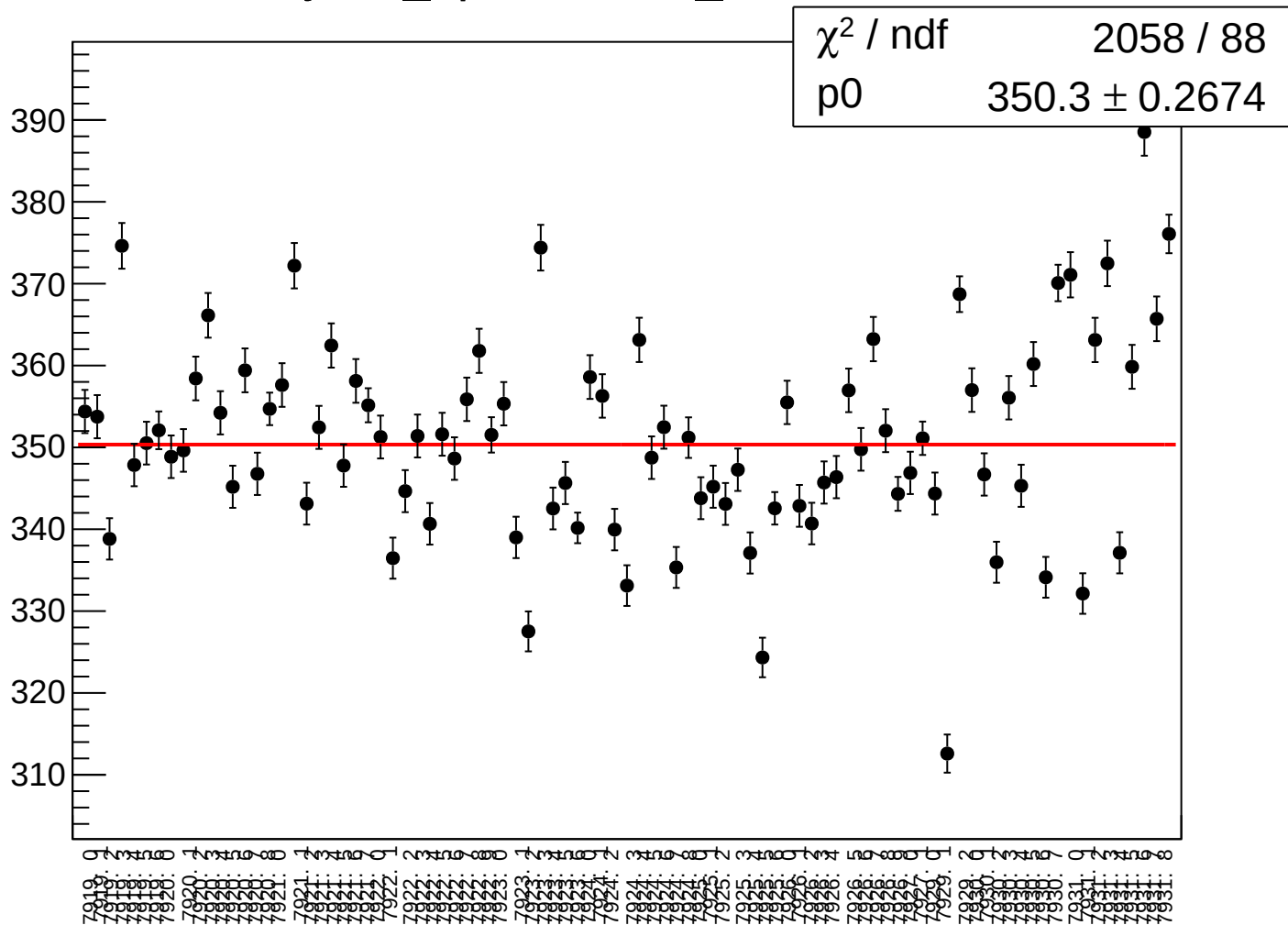
yield_bpm0l03WS_rms vs run



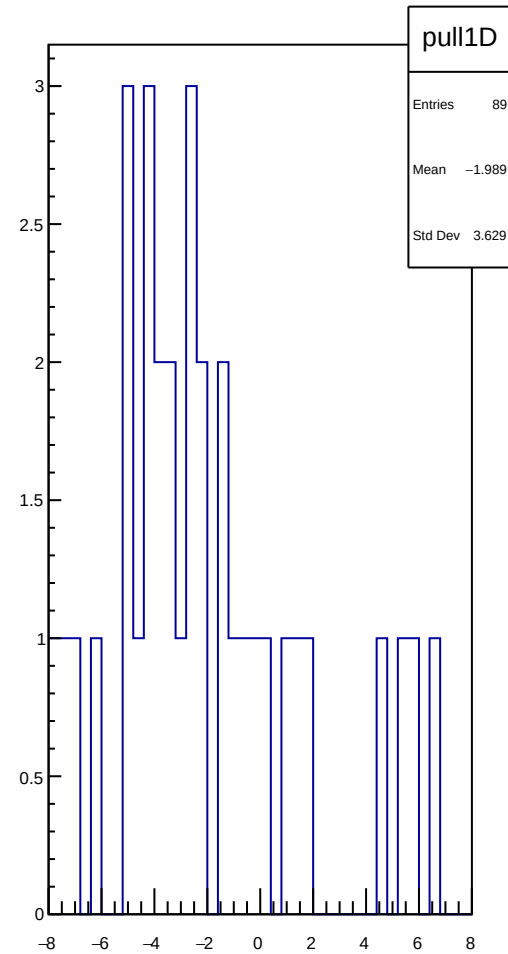
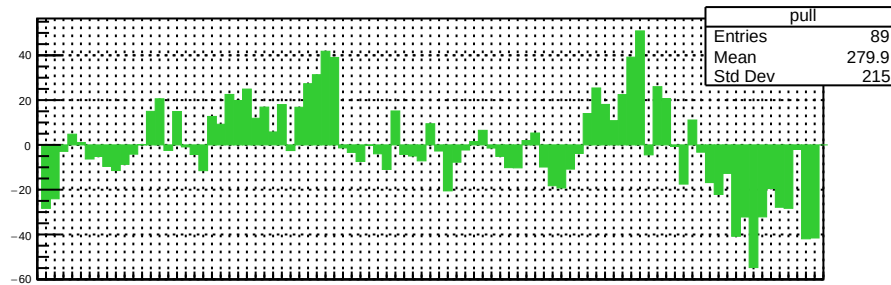
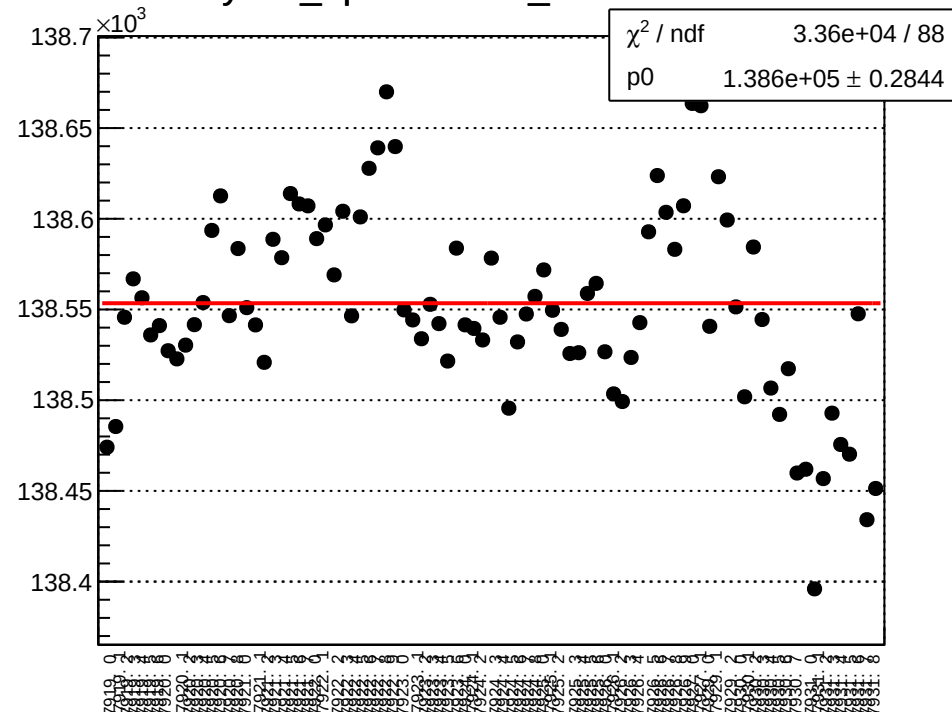
yield_bpm0l04WS_mean vs run



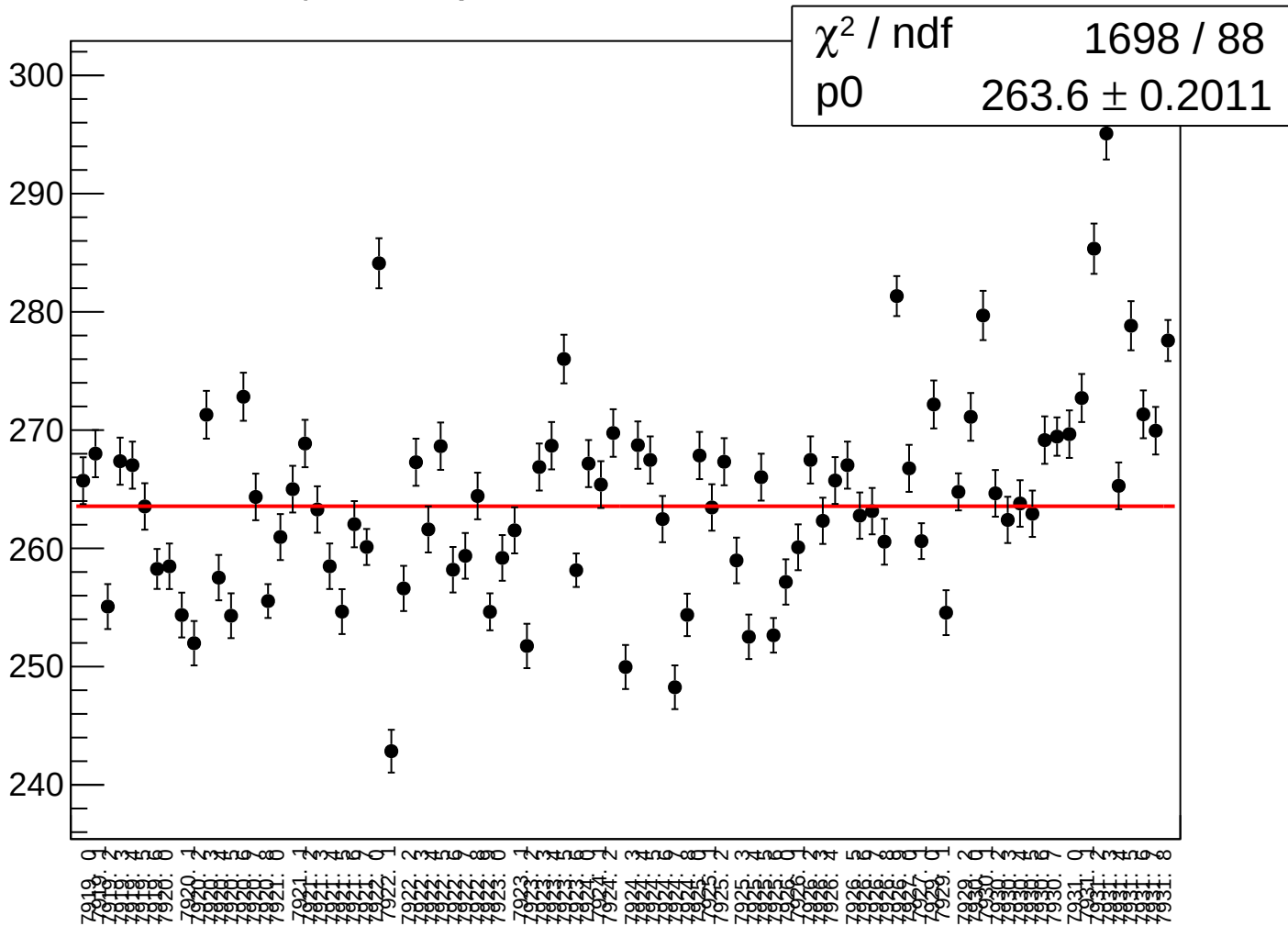
yield_bpm0l04WS_rms vs run



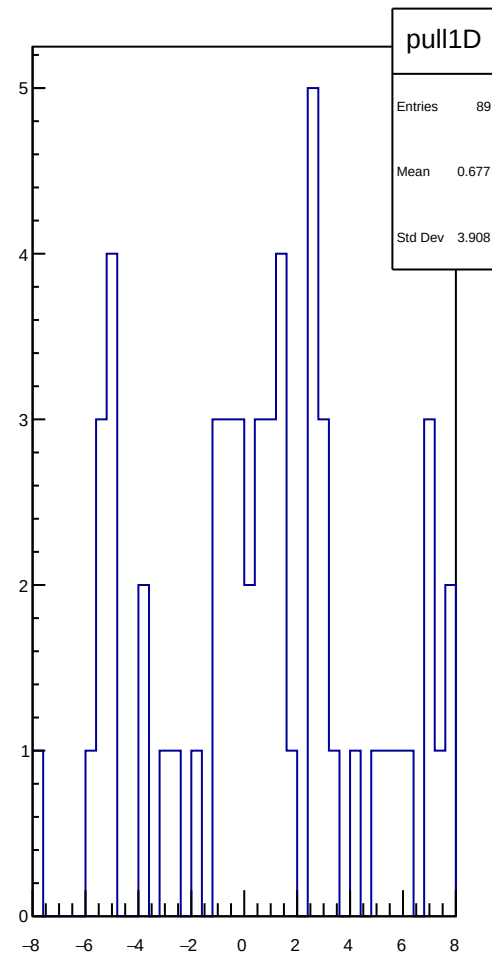
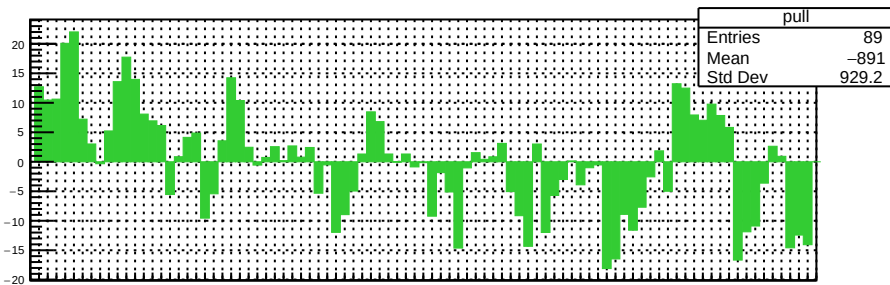
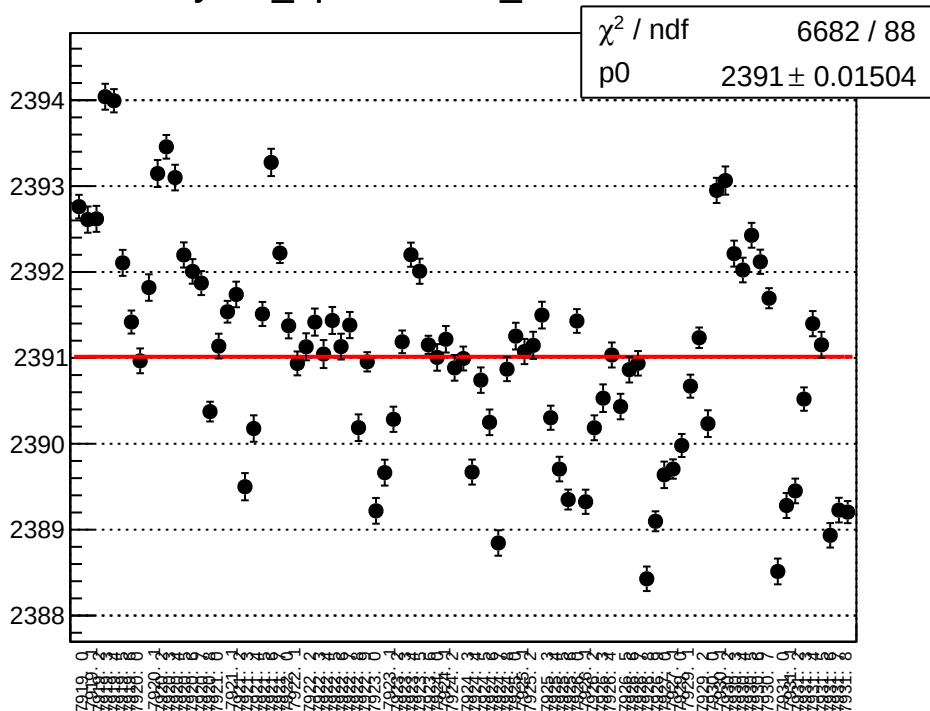
yield_bpm0105WS_mean vs run



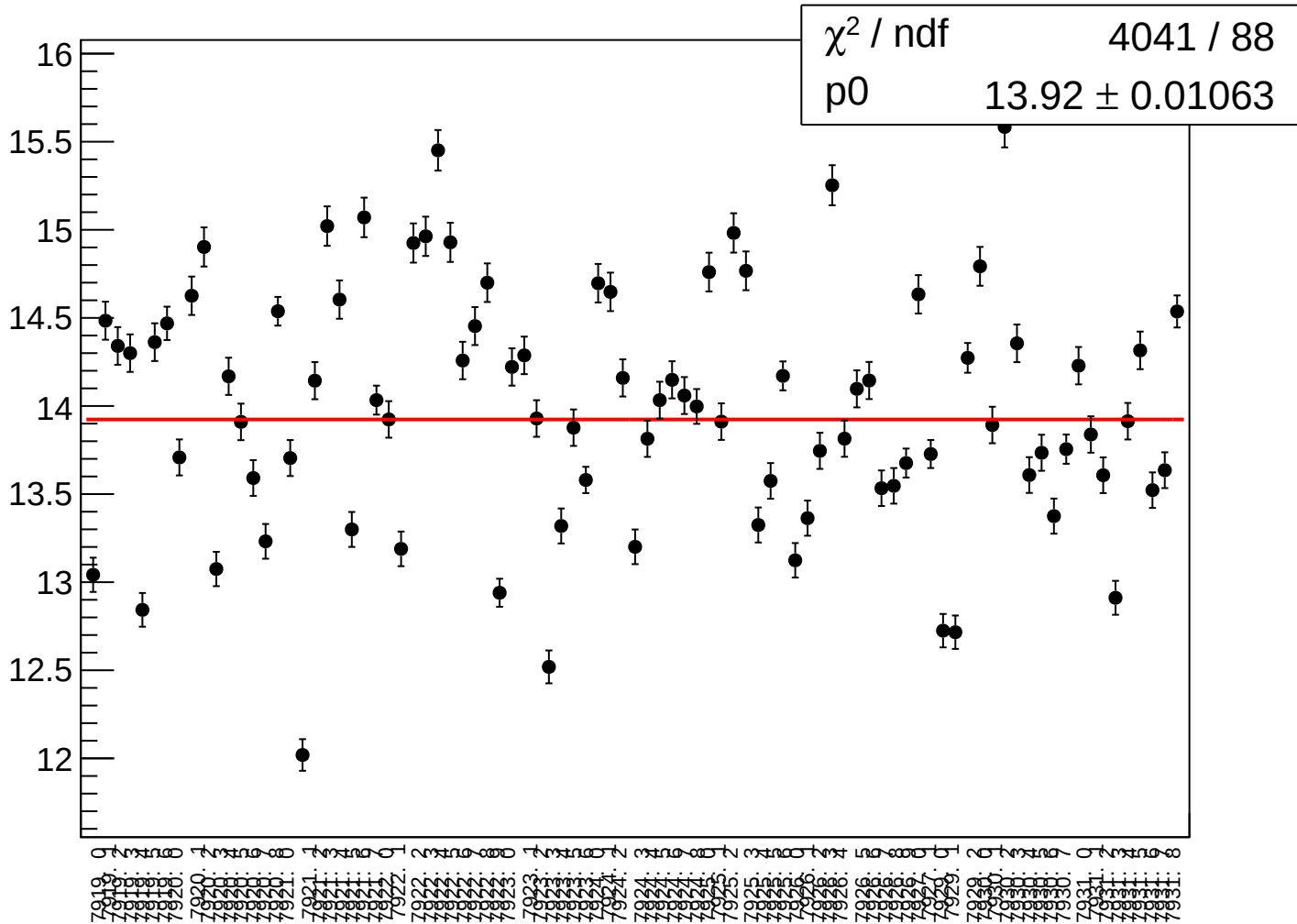
yield_bpm0l05WS_rms vs run



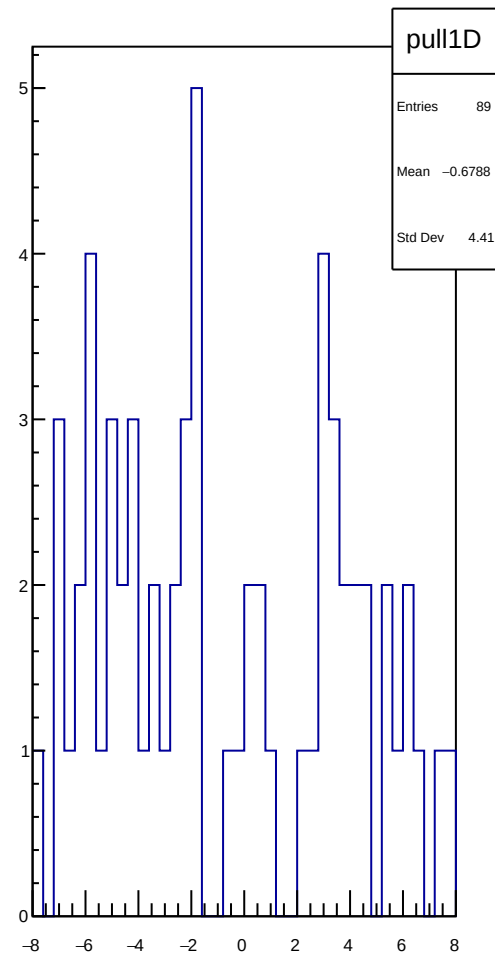
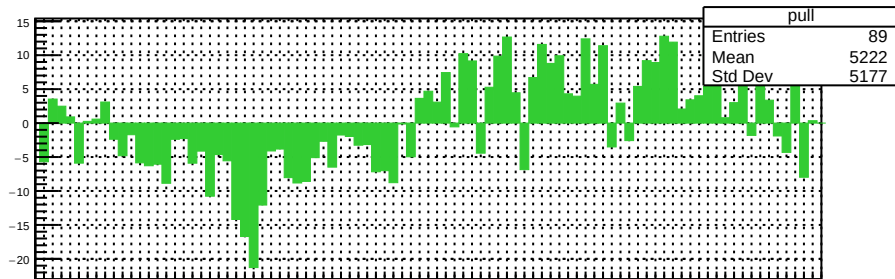
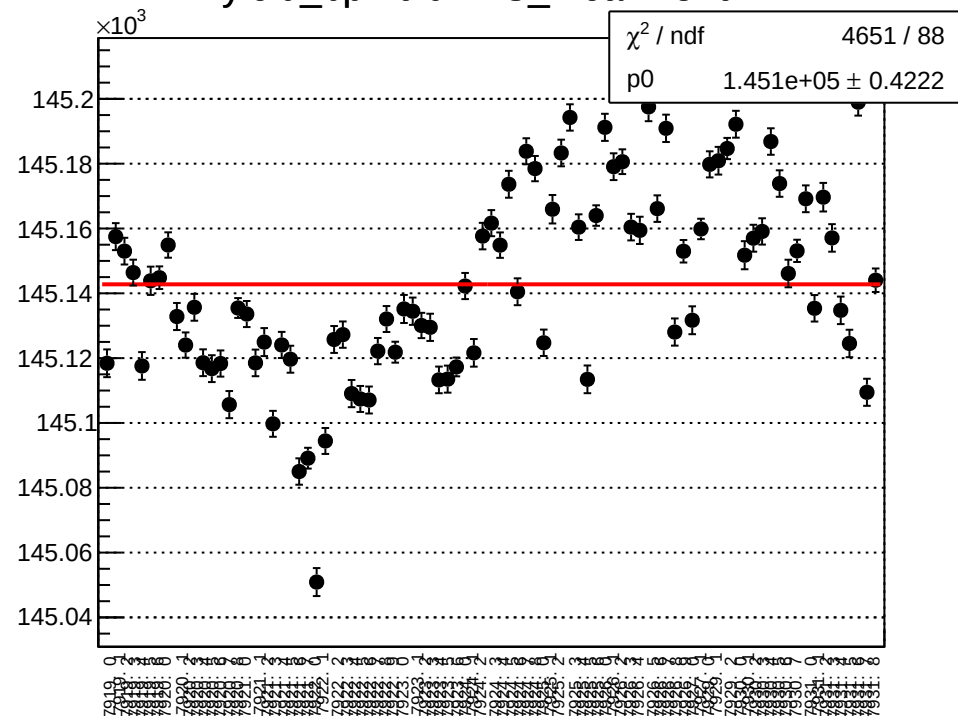
yield_bpm0l06WS_mean vs run



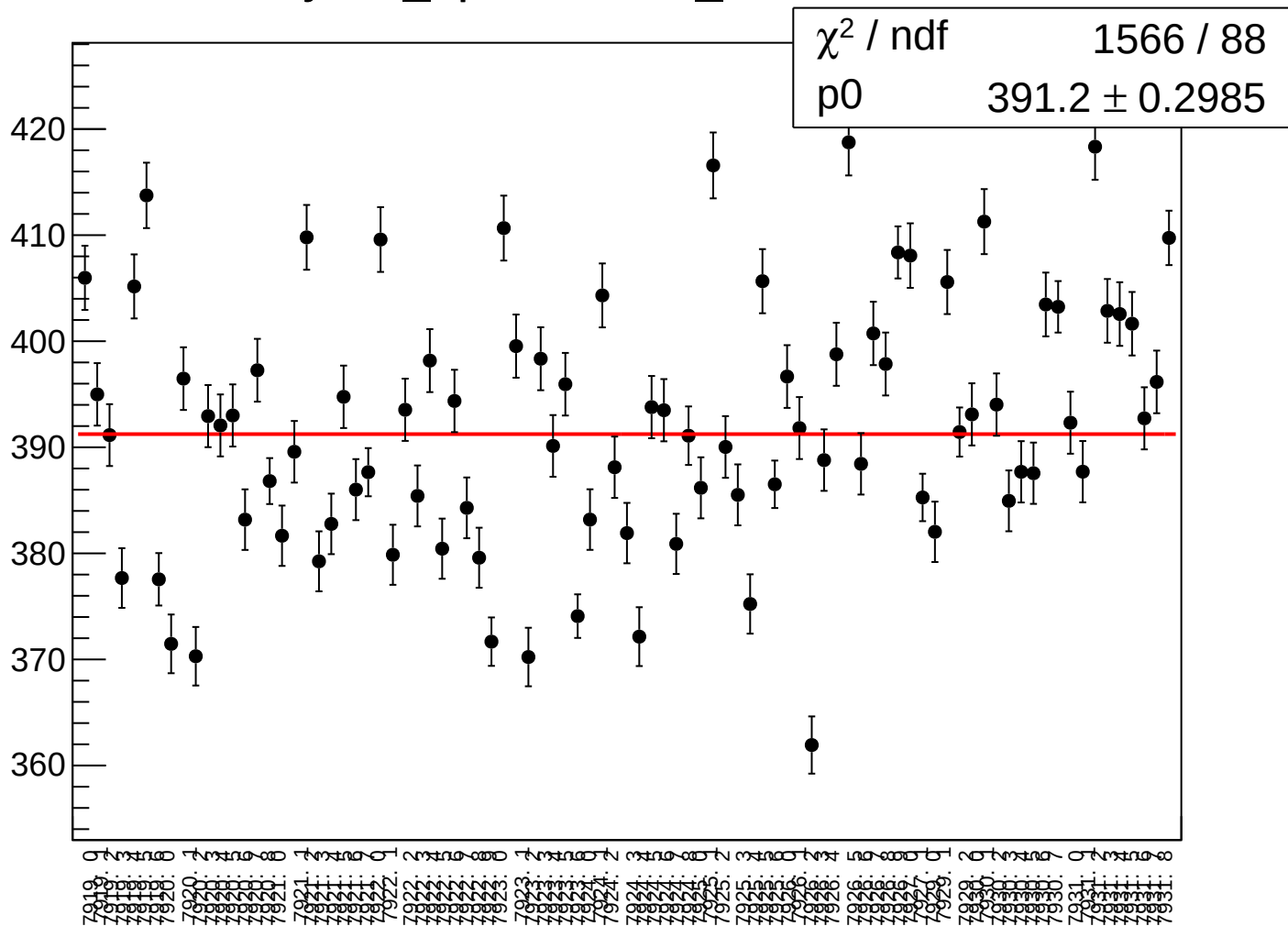
yield_bpm0l06WS_rms vs run



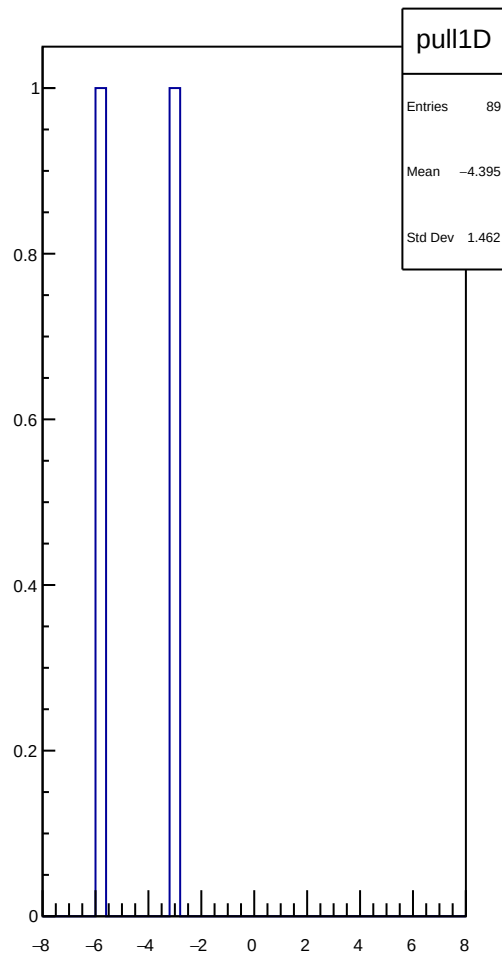
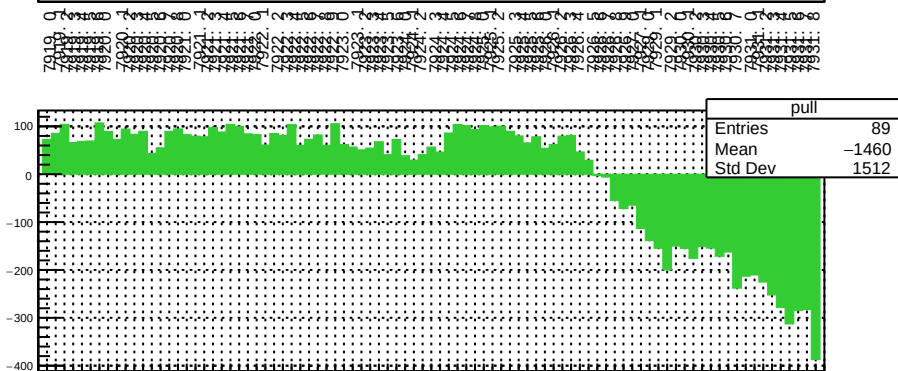
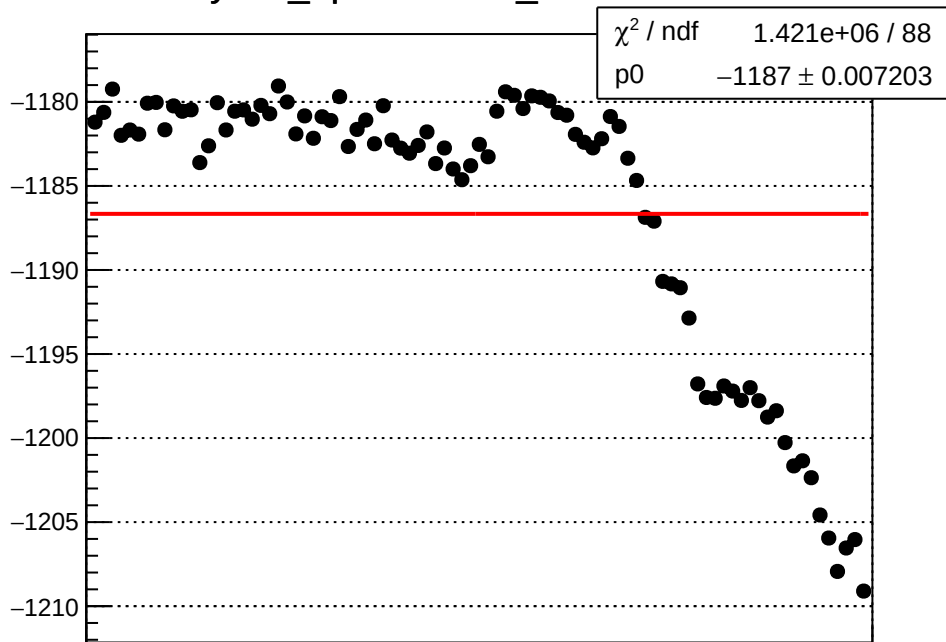
yield_bpm0107WS_mean vs run



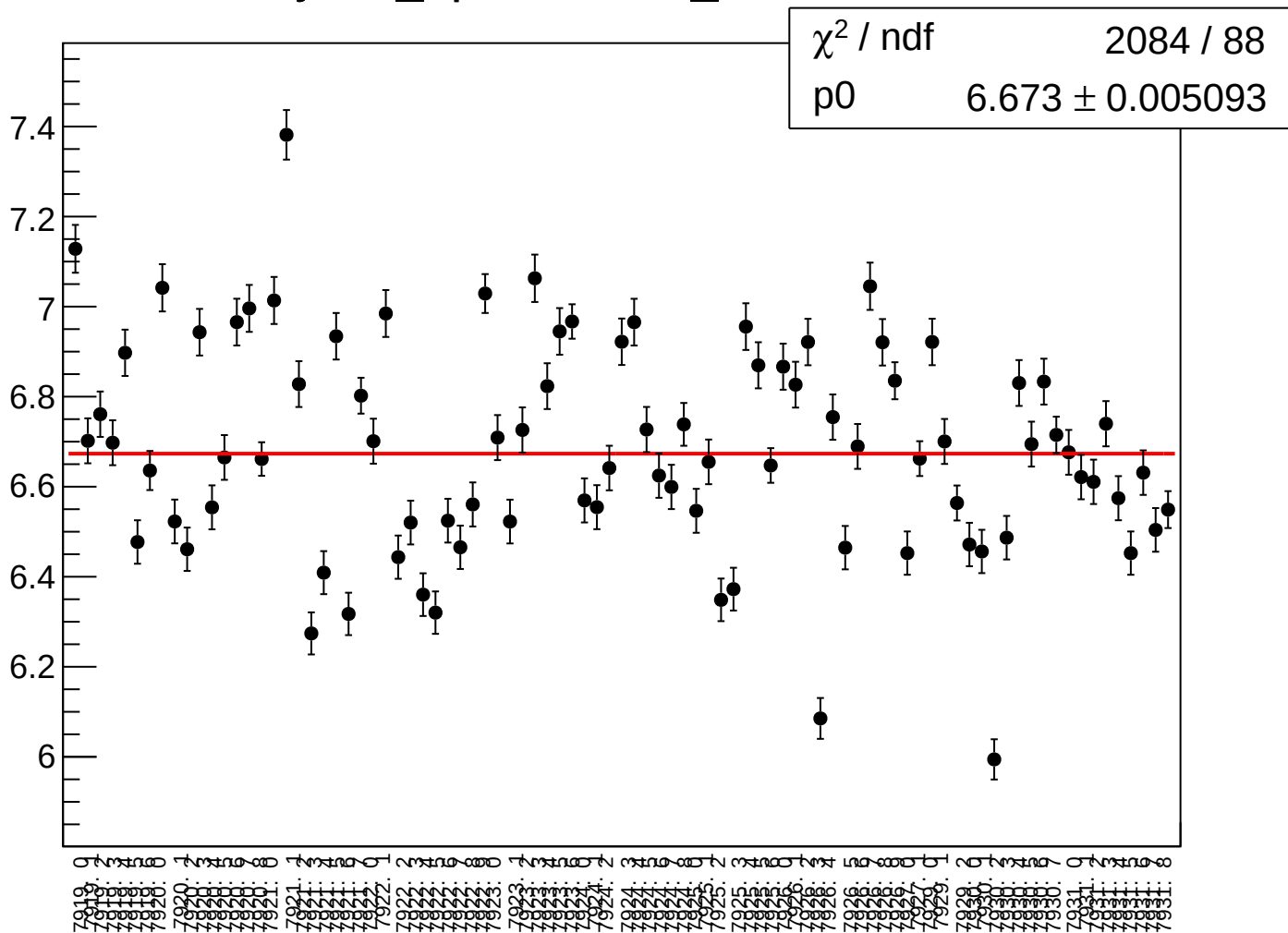
yield_bpm0l07WS_rms vs run



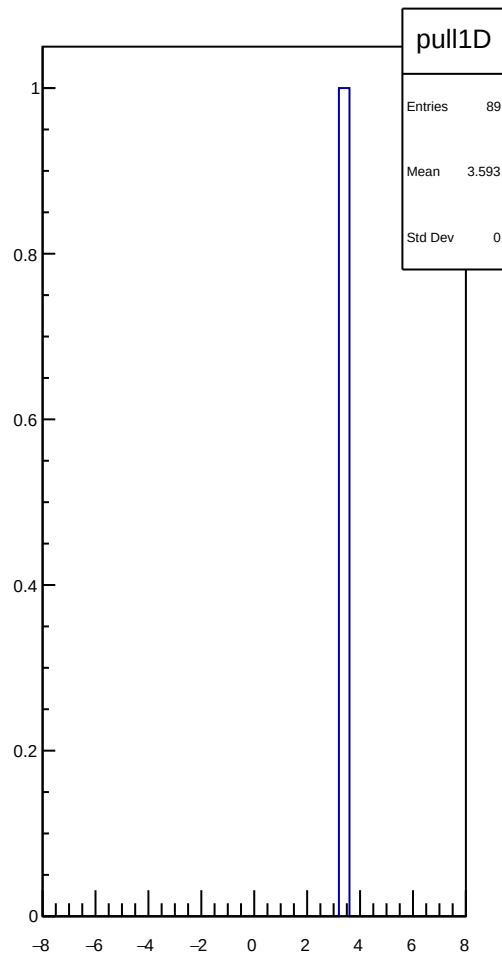
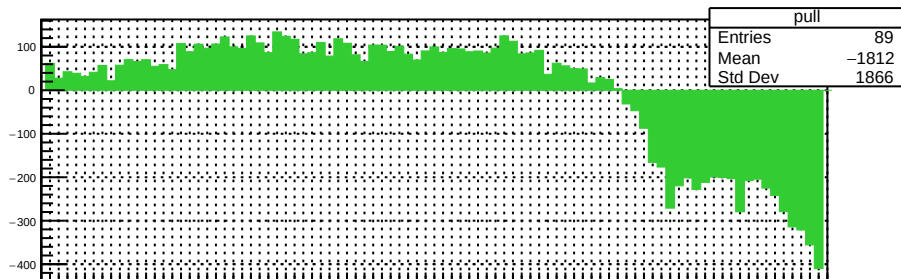
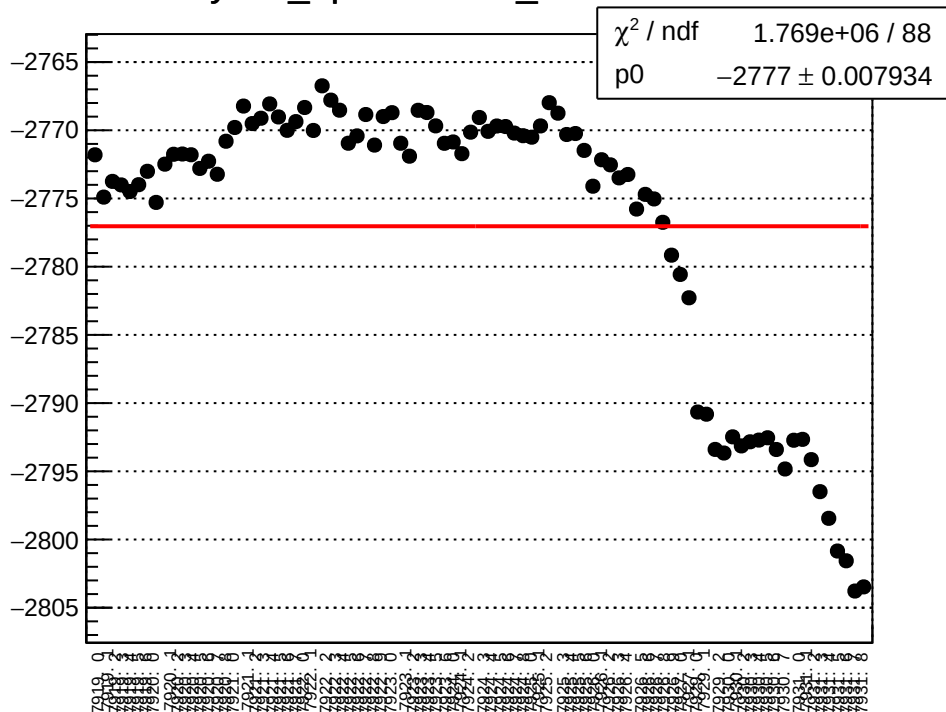
yield_bpm0l08WS_mean vs run



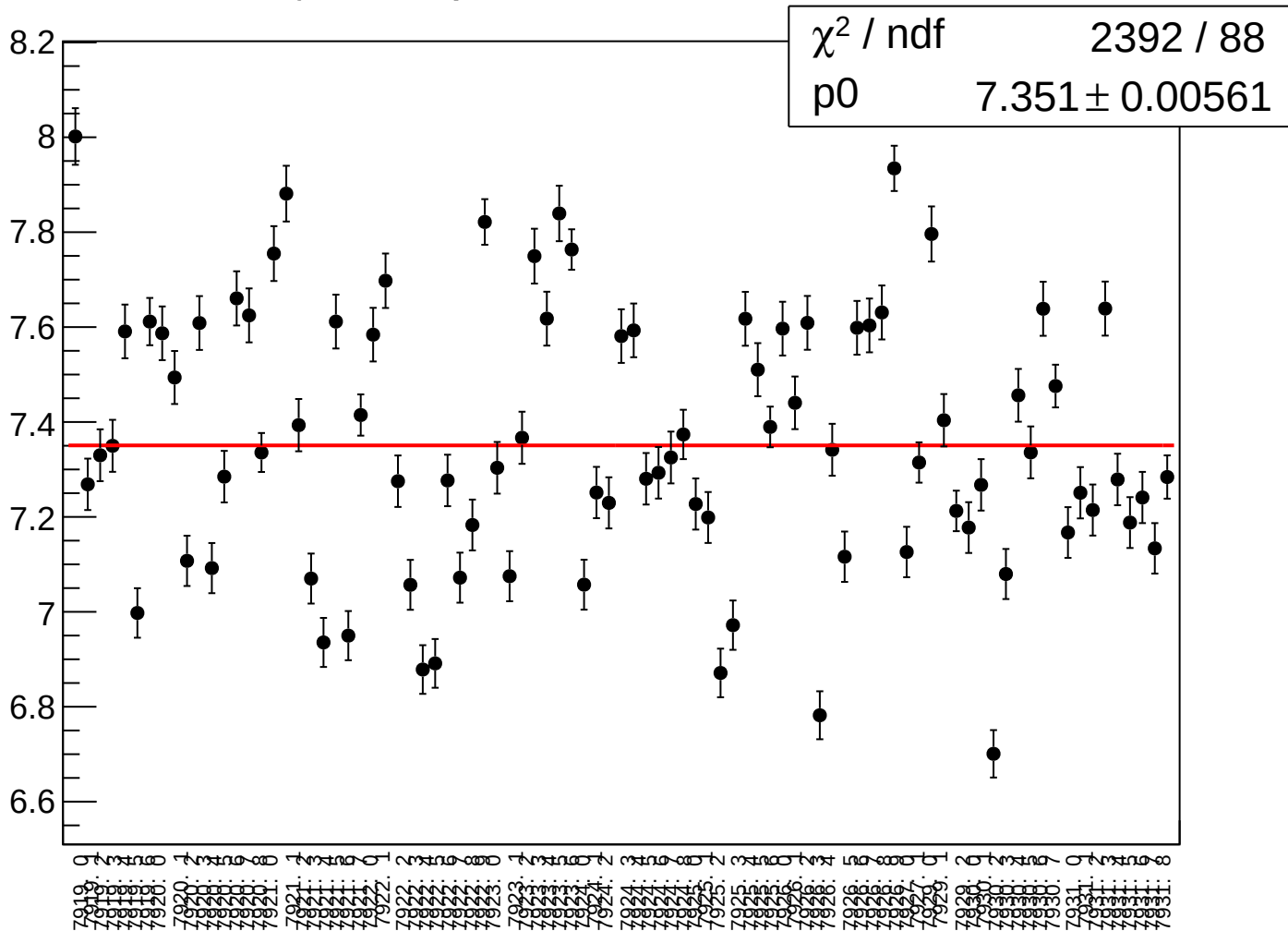
yield_bpm0l08WS_rms vs run



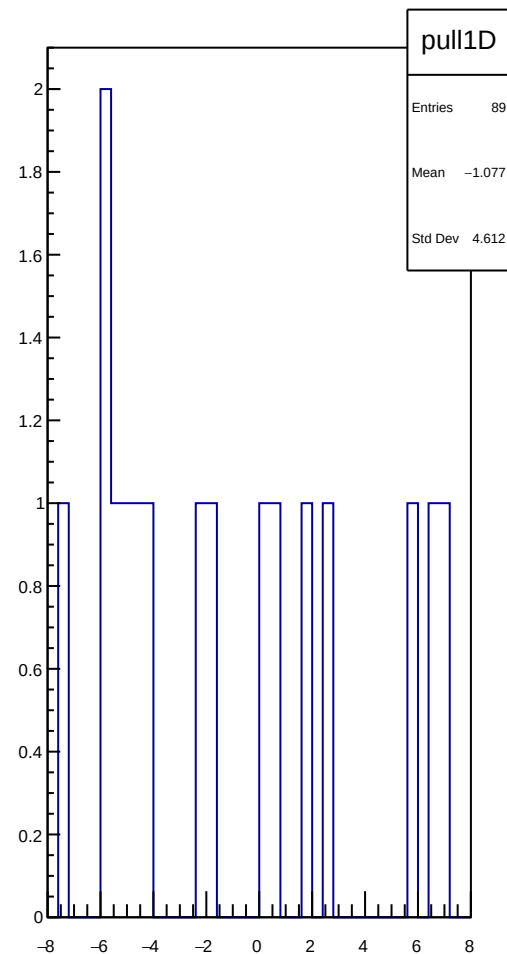
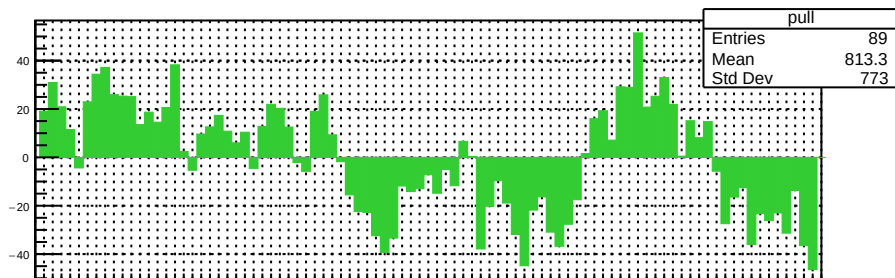
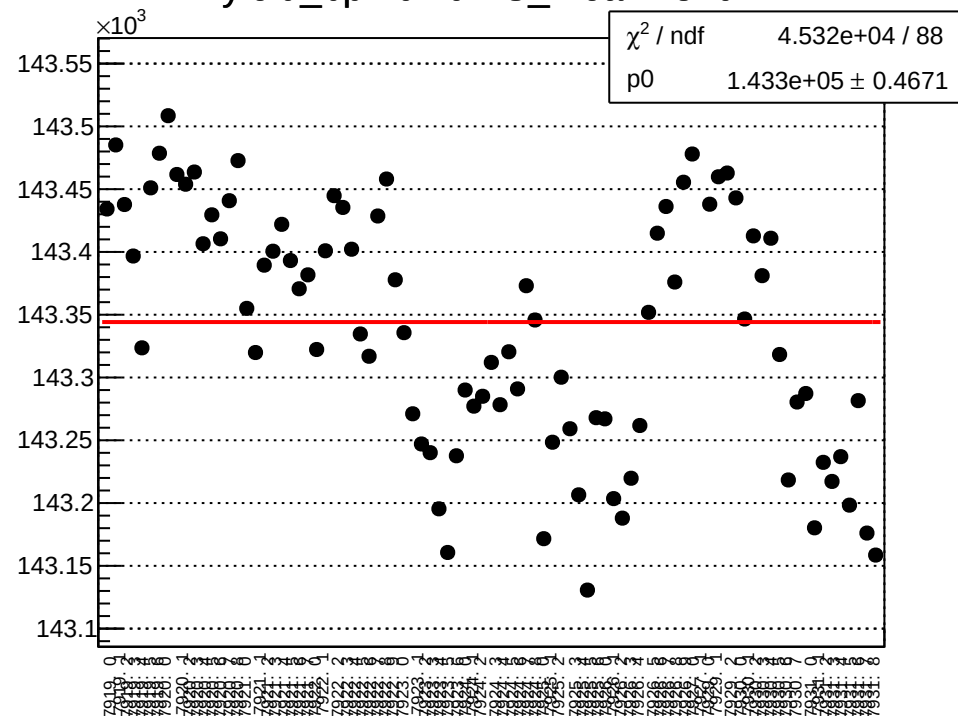
yield_bpm0l09WS_mean vs run



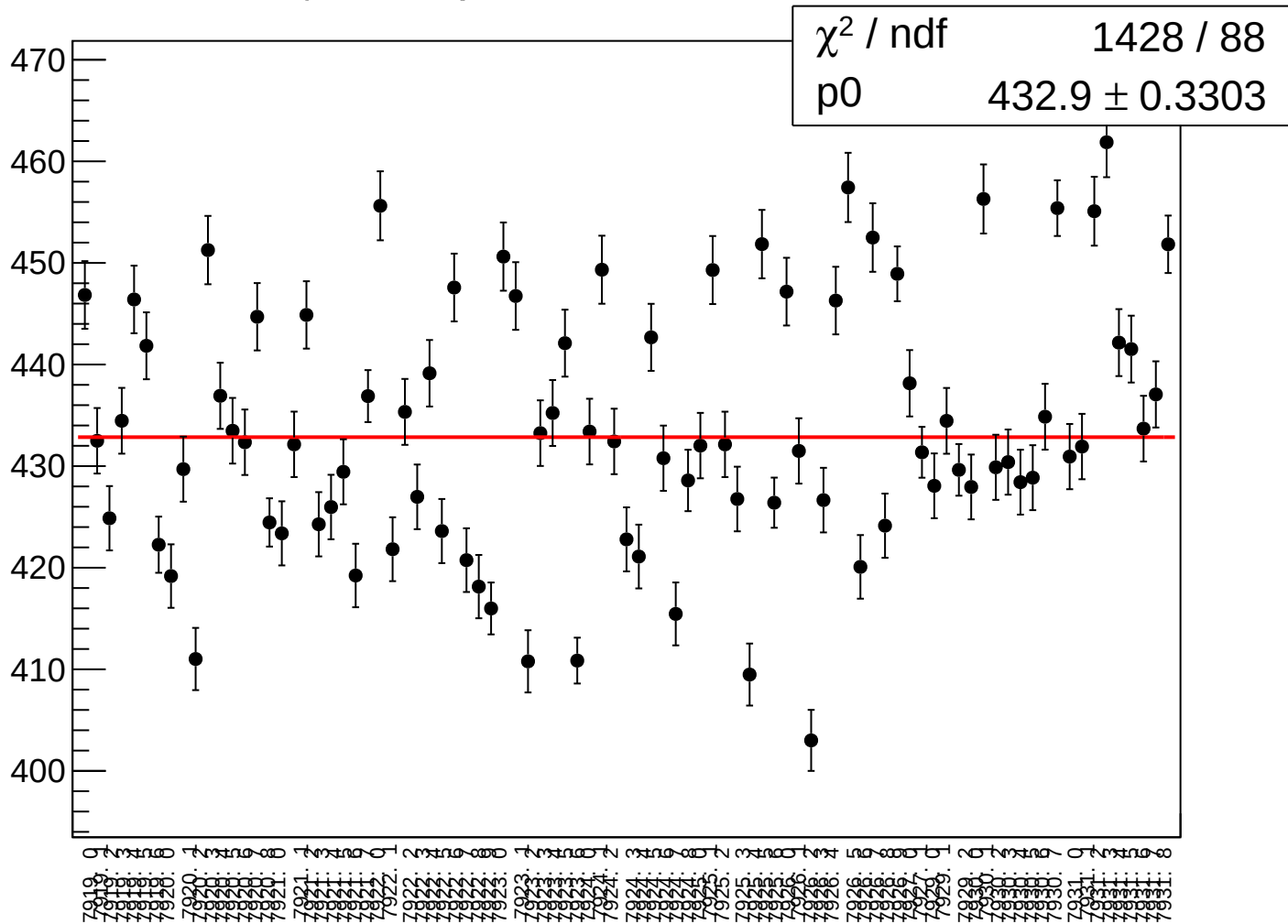
yield_bpm0l09WS_rms vs run



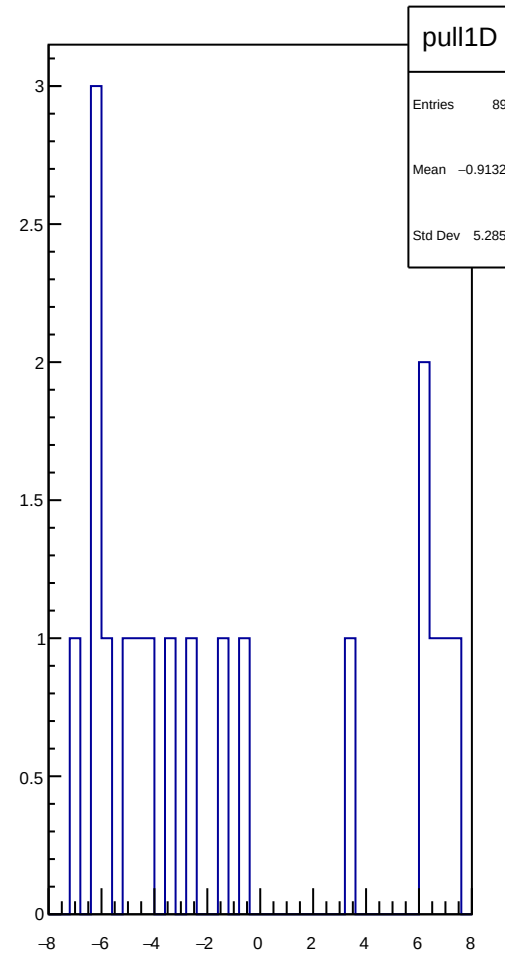
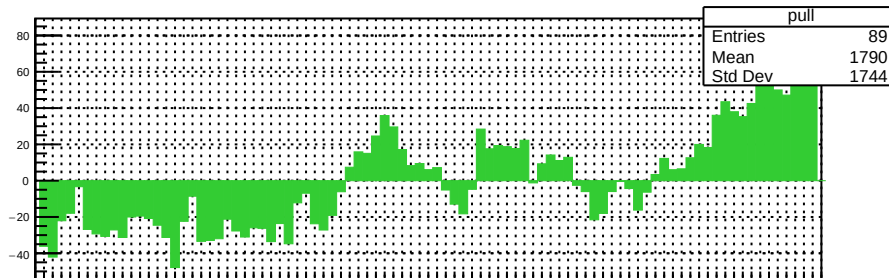
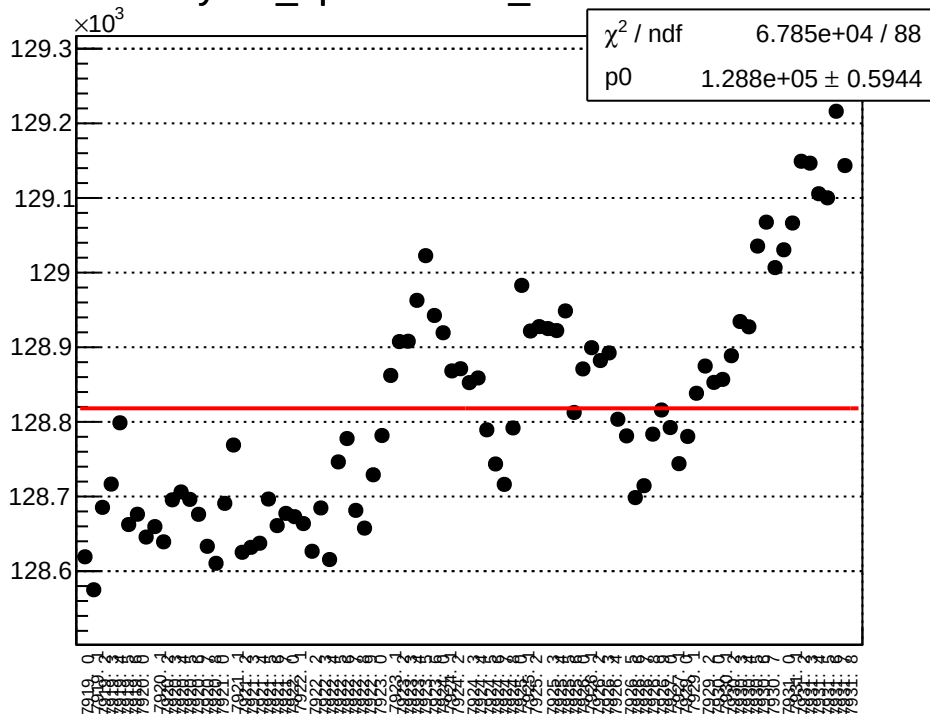
yield_bpm0l10WS_mean vs run



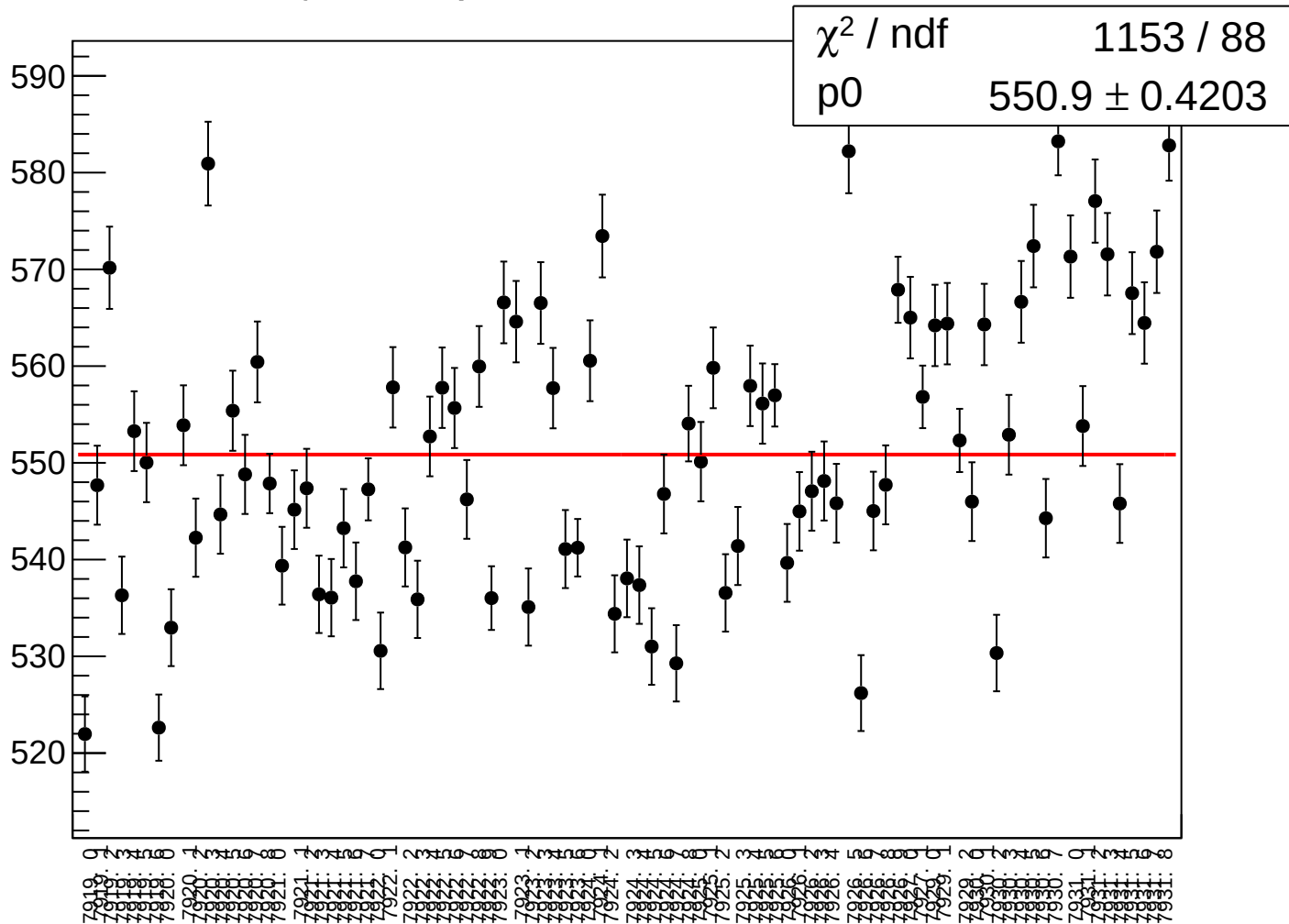
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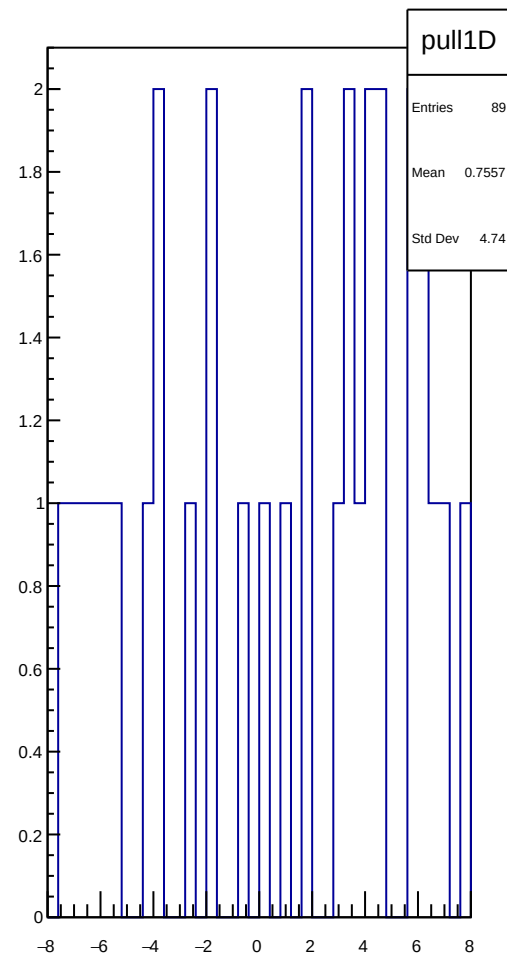
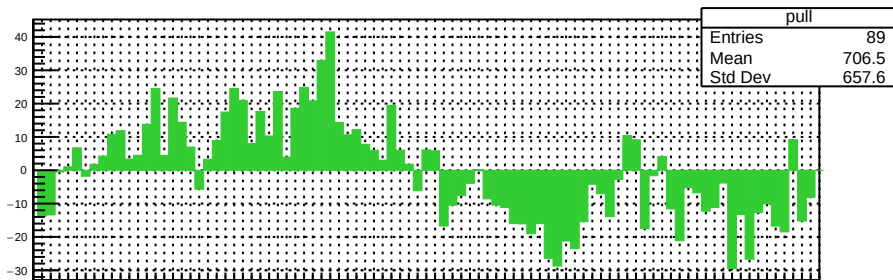
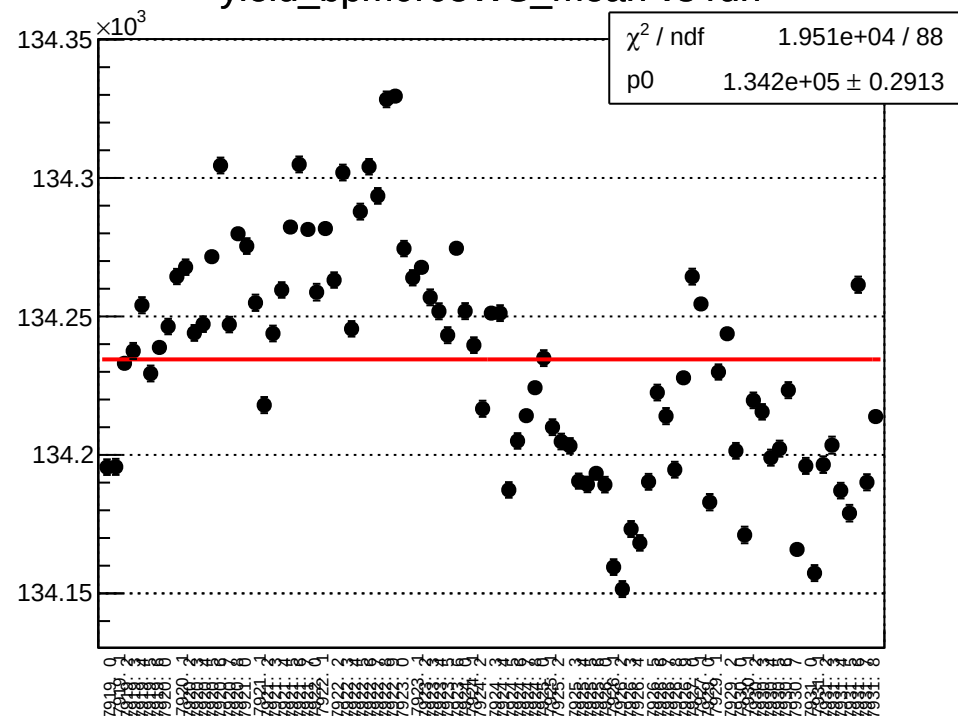
yield_bpm0r03WS_mean vs run



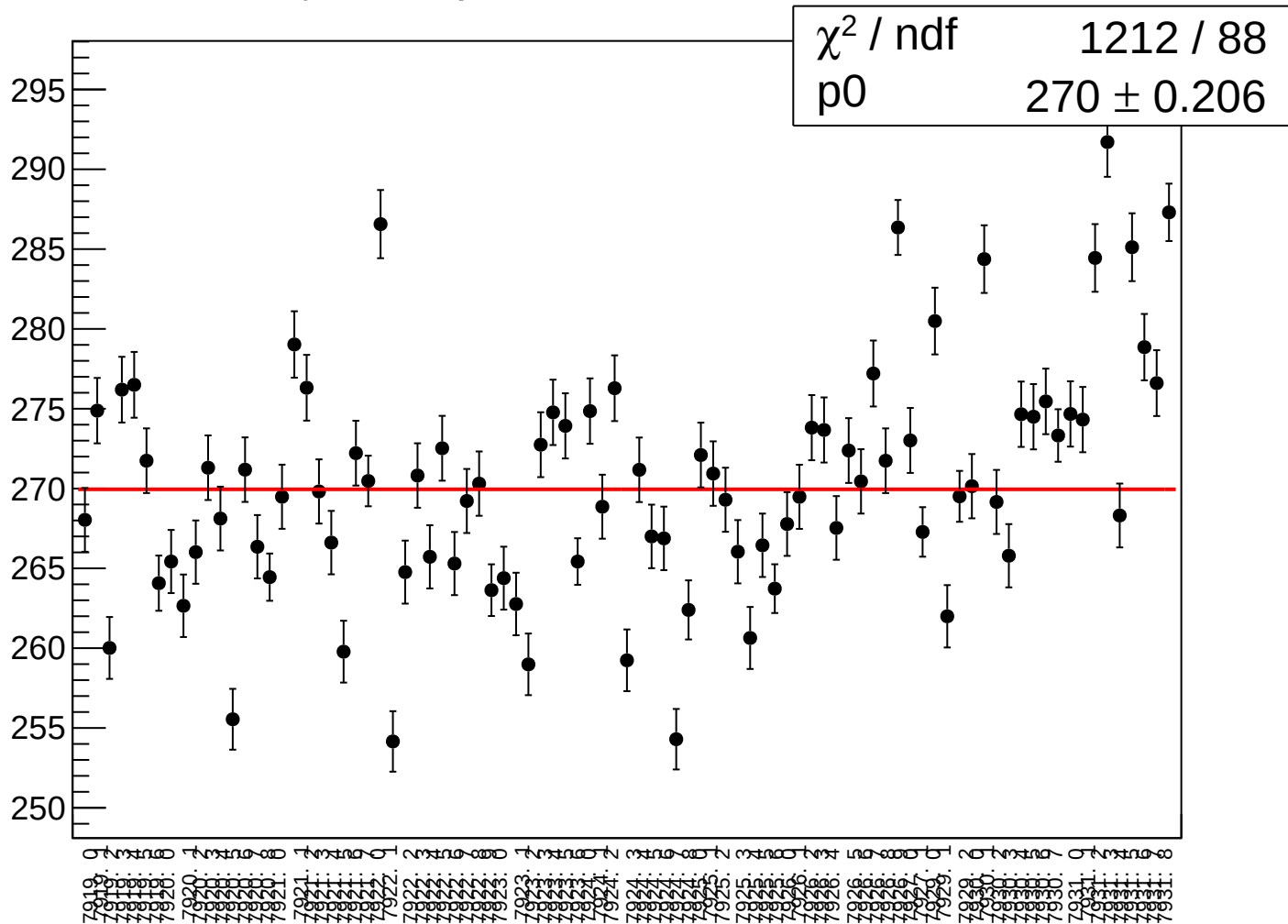
yield_bpm0r03WS_rms vs run



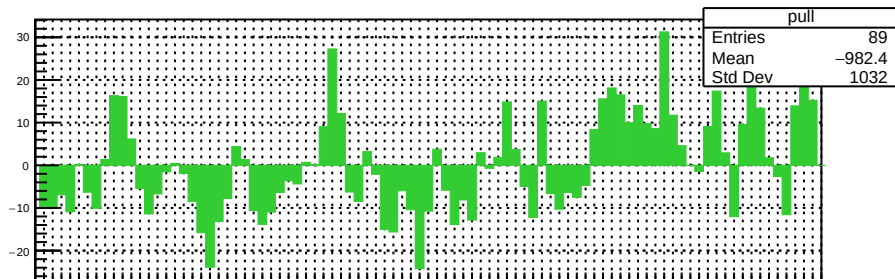
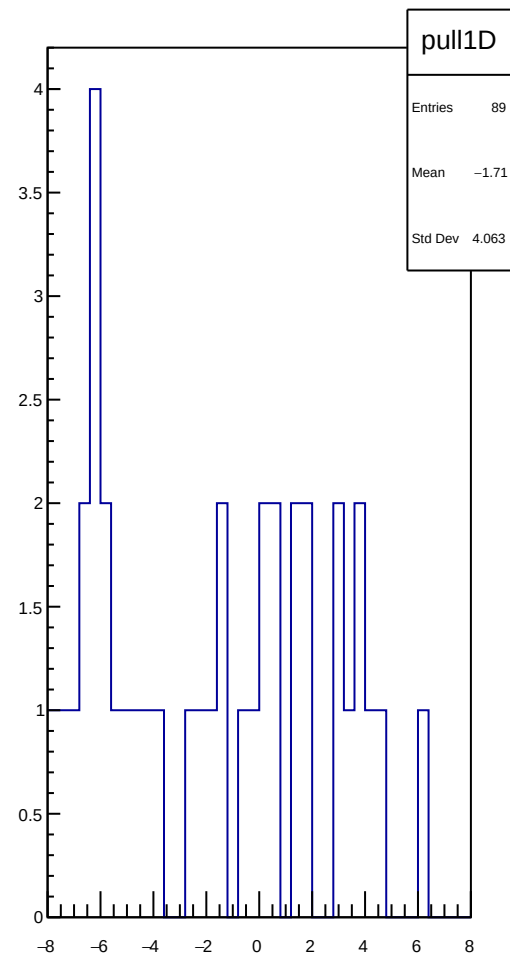
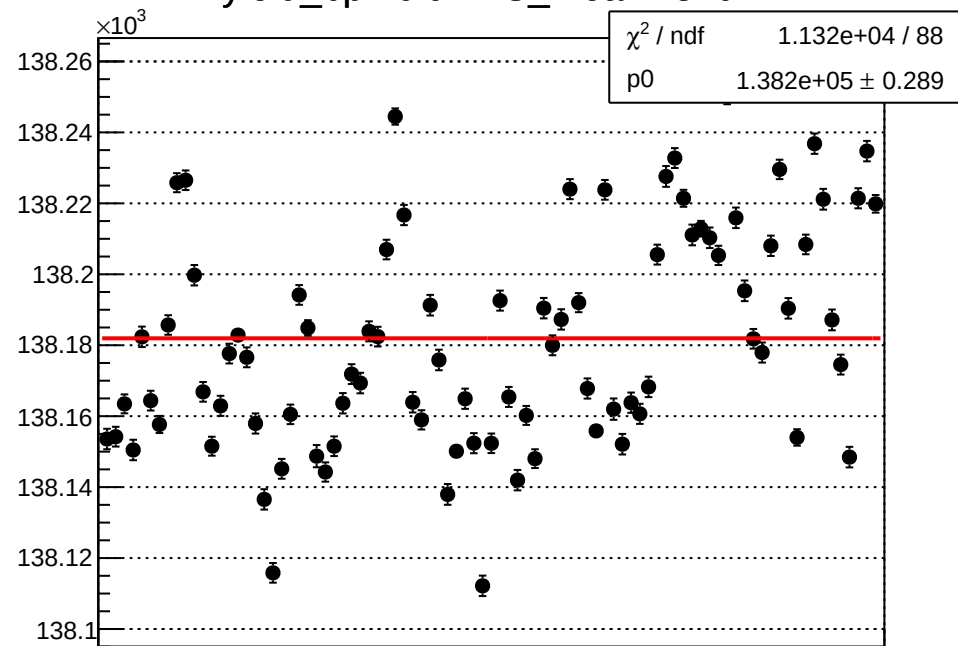
yield_bpm0r05WS_mean vs run



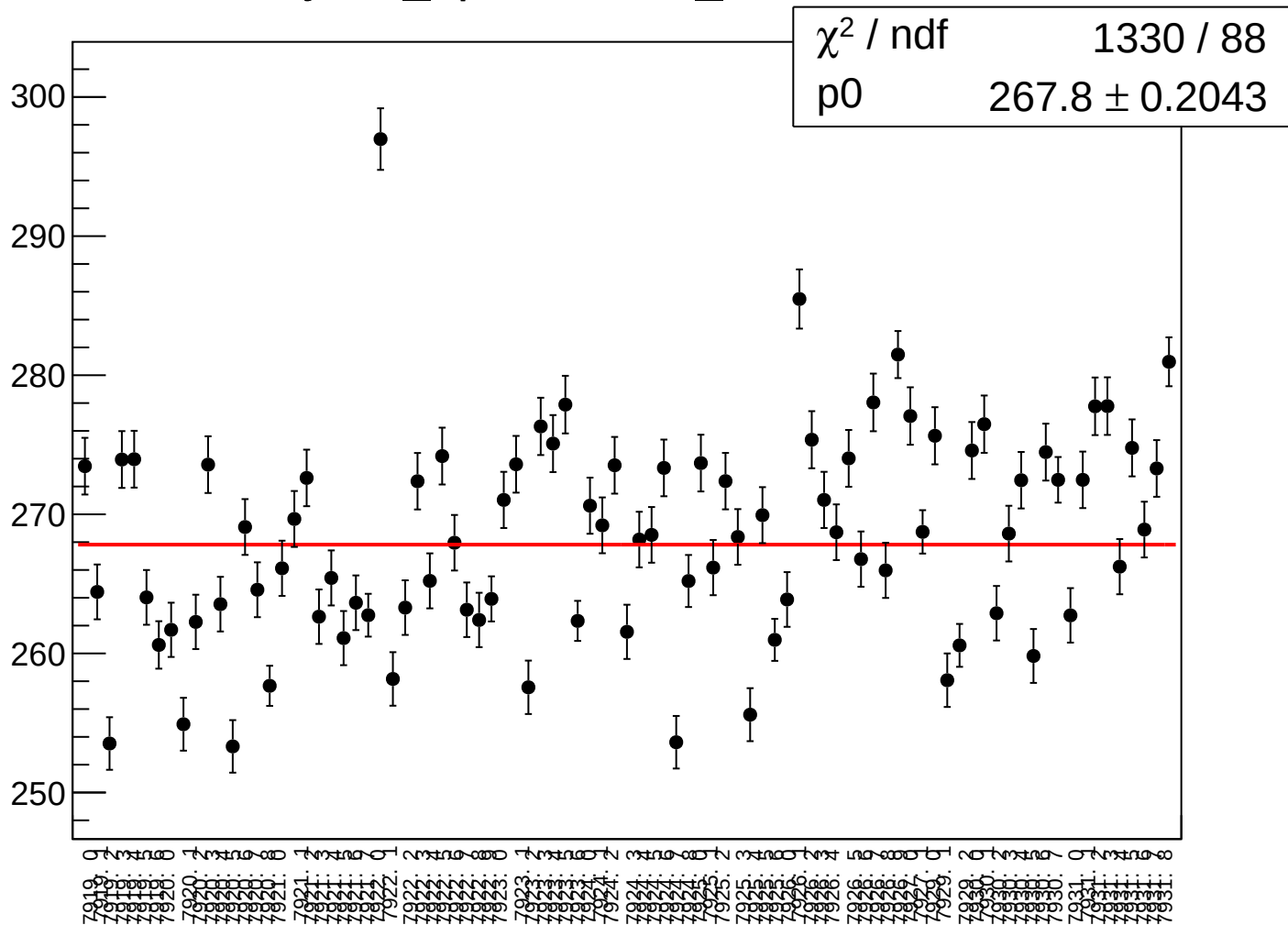
yield_bpm0r05WS_rms vs run



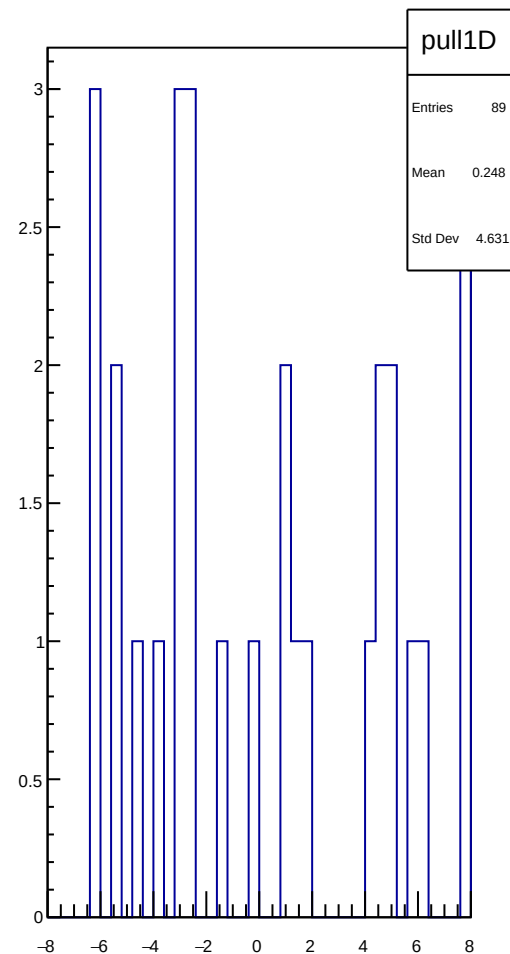
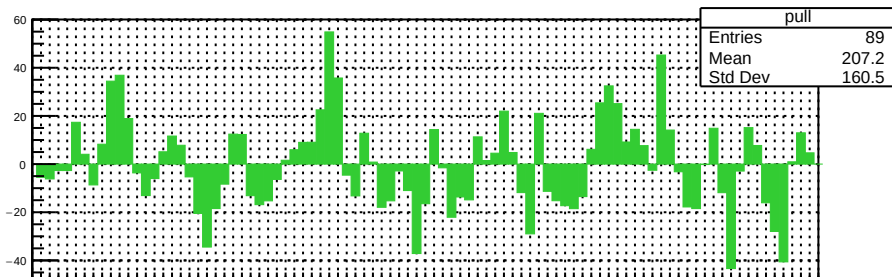
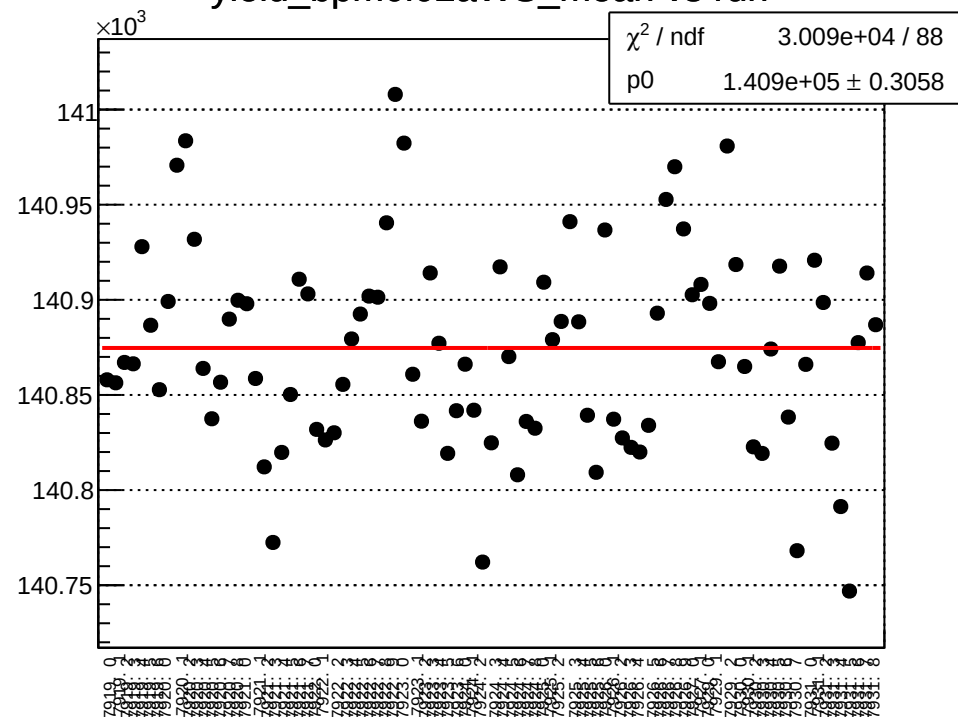
yield_bpm0i02WS_mean vs run



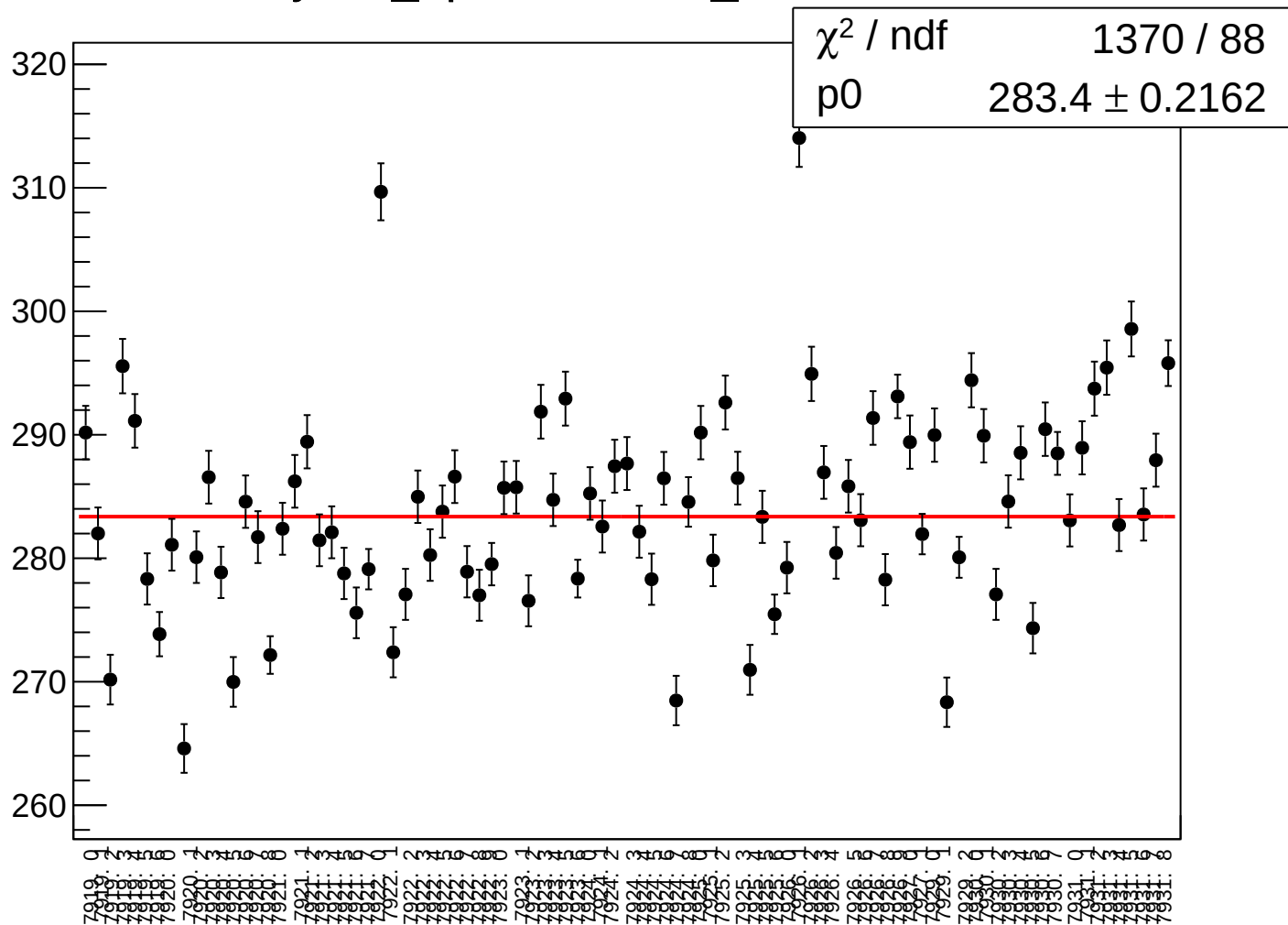
yield_bpm0i02WS_rms vs run



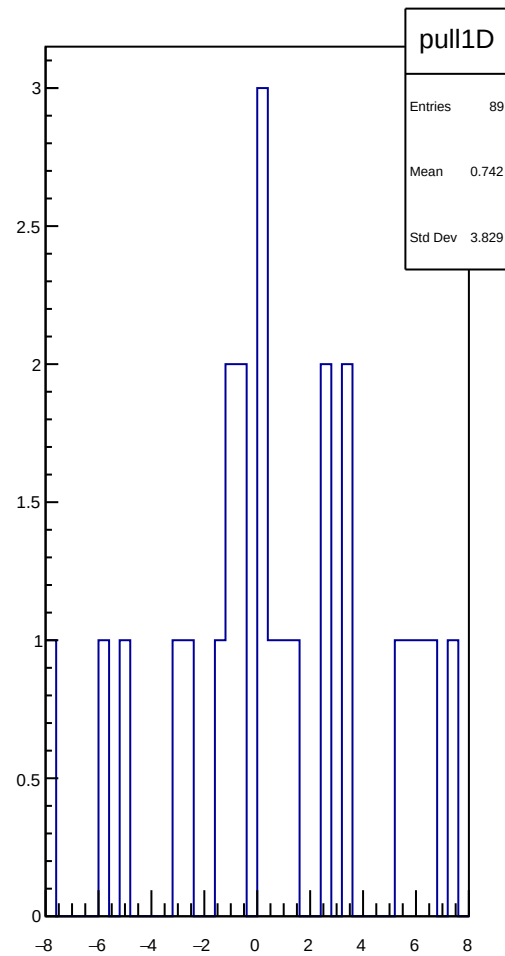
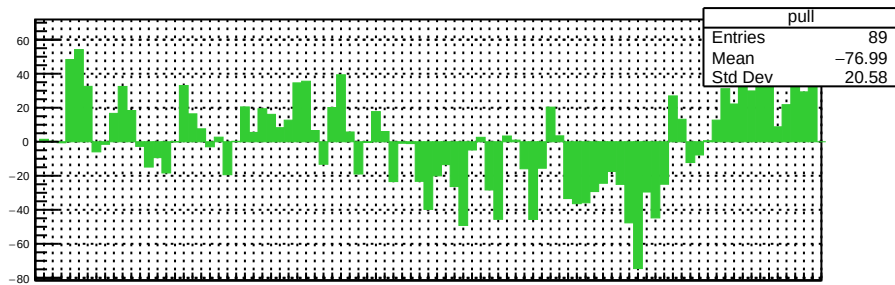
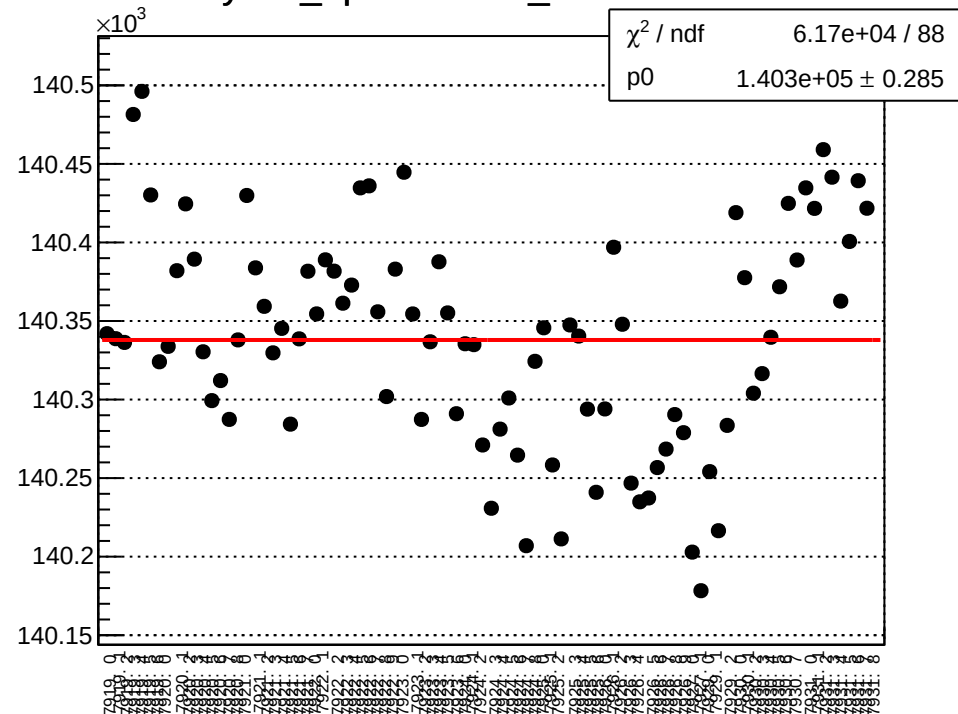
yield_bpm0i02aWS_mean vs run



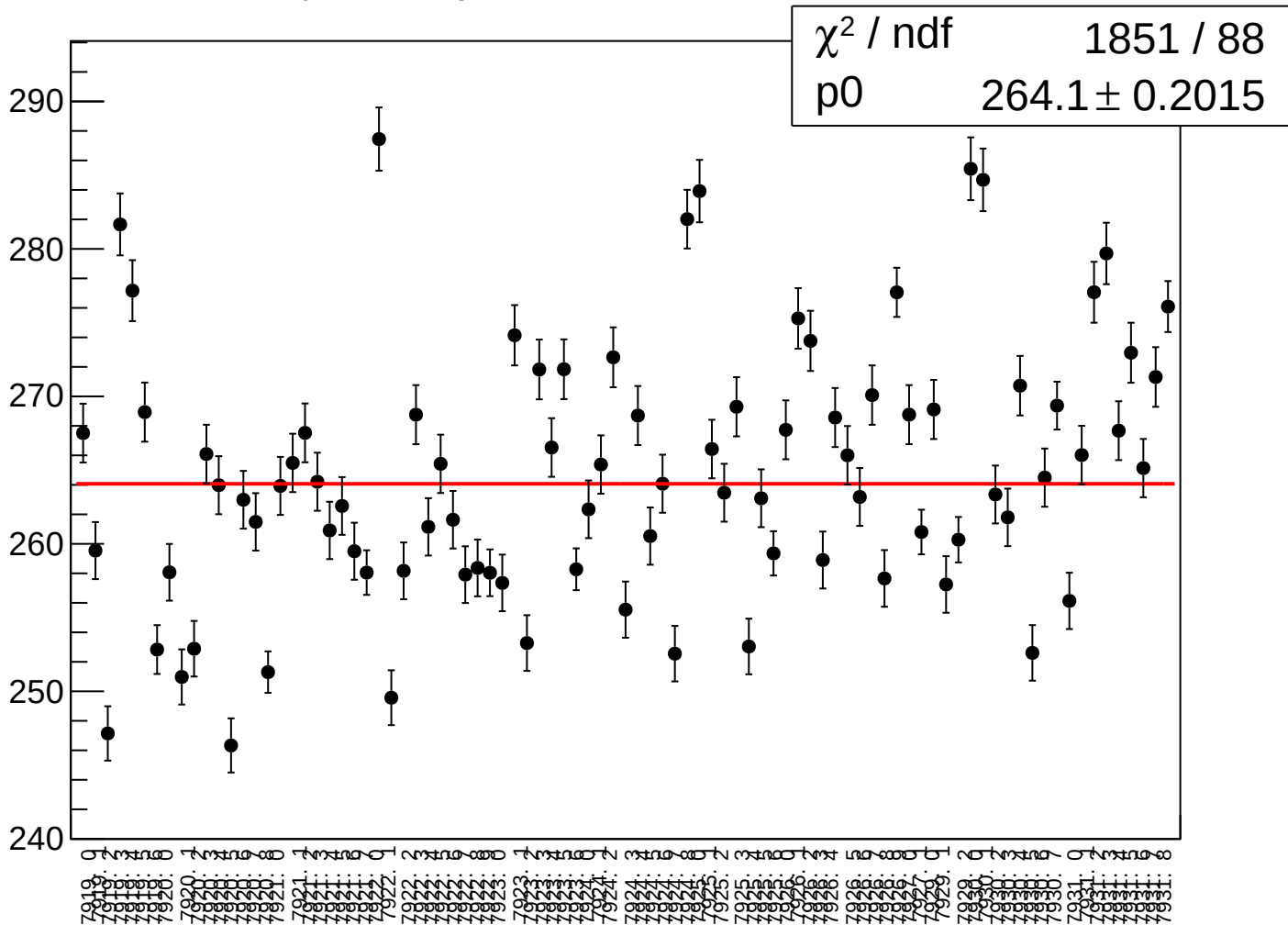
yield_bpm0i02aWS_rms vs run



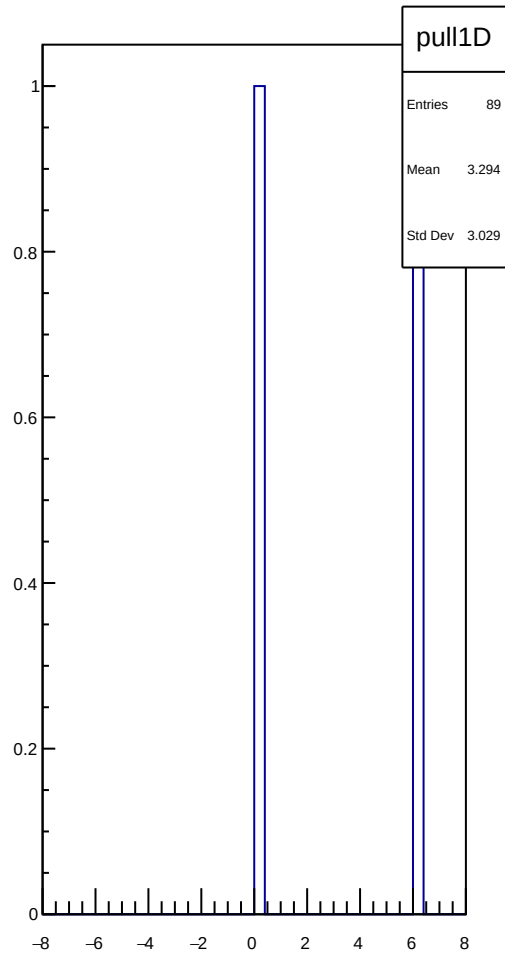
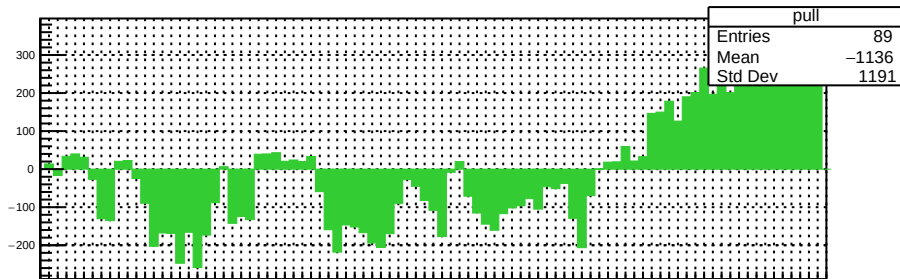
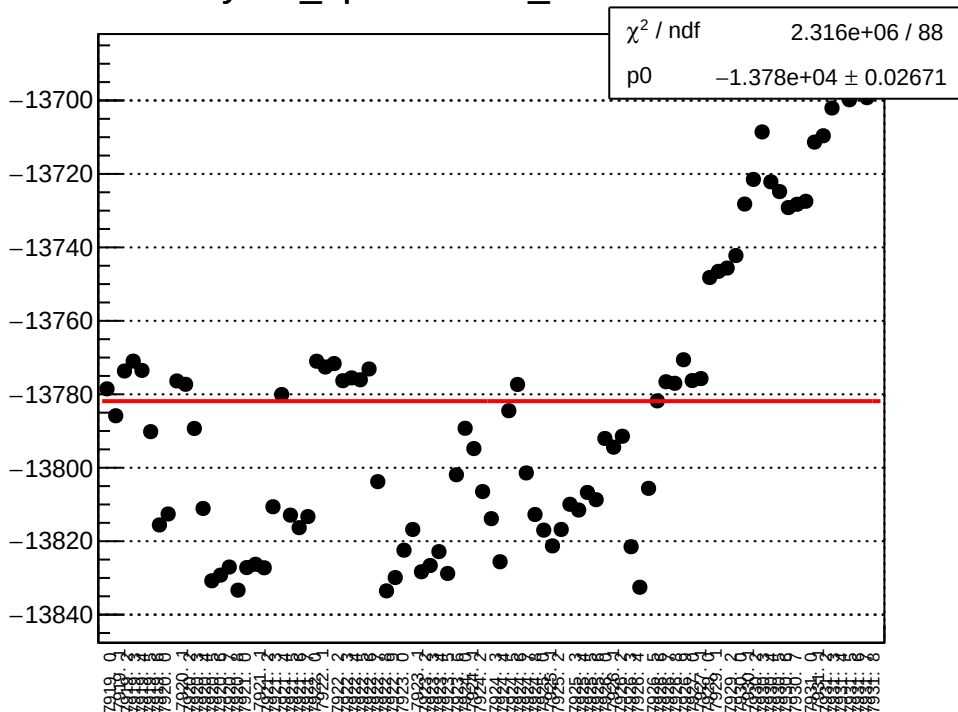
yield_bpm0i05WS_mean vs run



yield_bpm0i05WS_rms vs run



yield_bpm0i07WS_mean vs run



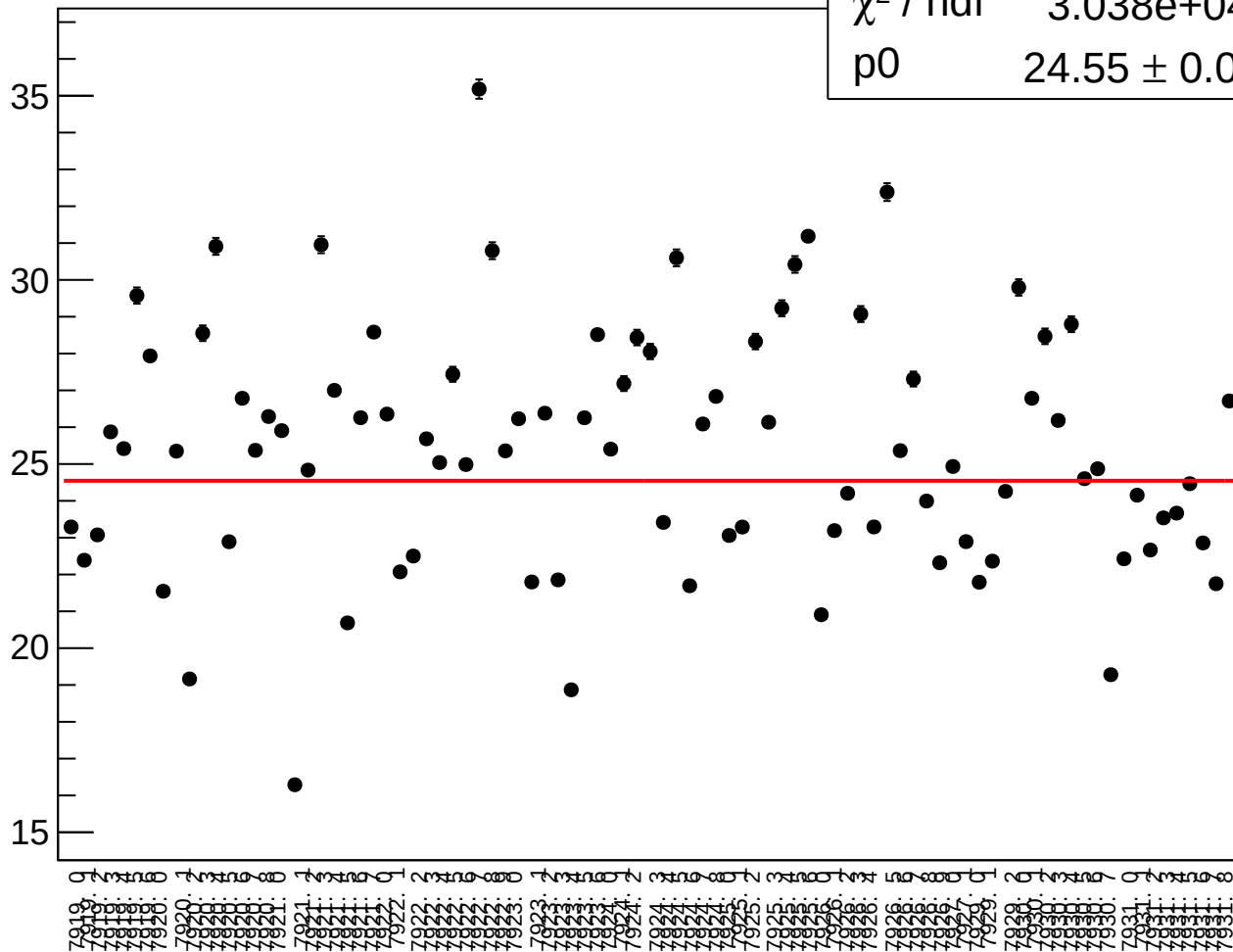
yield_bpm0i07WS_rms vs run

χ^2 / ndf

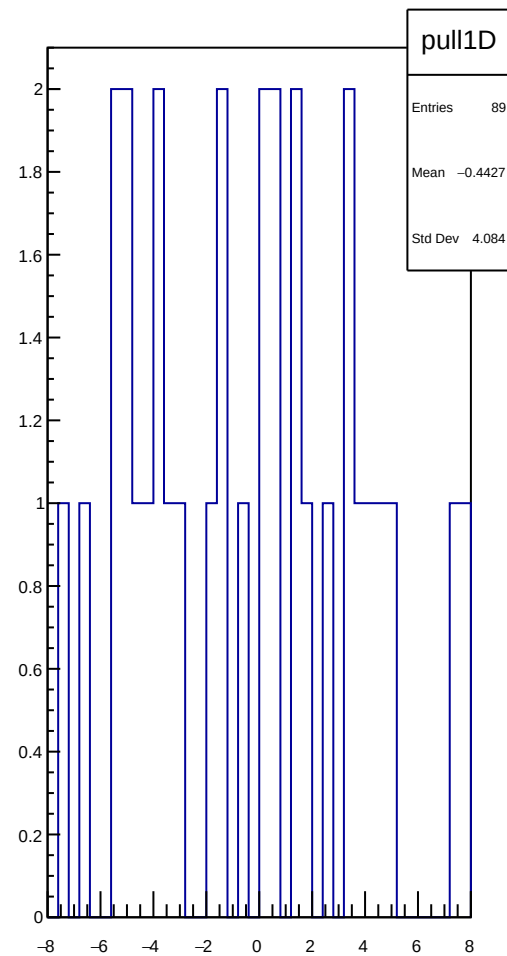
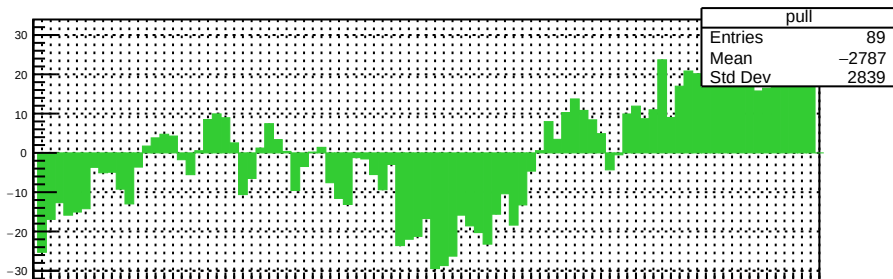
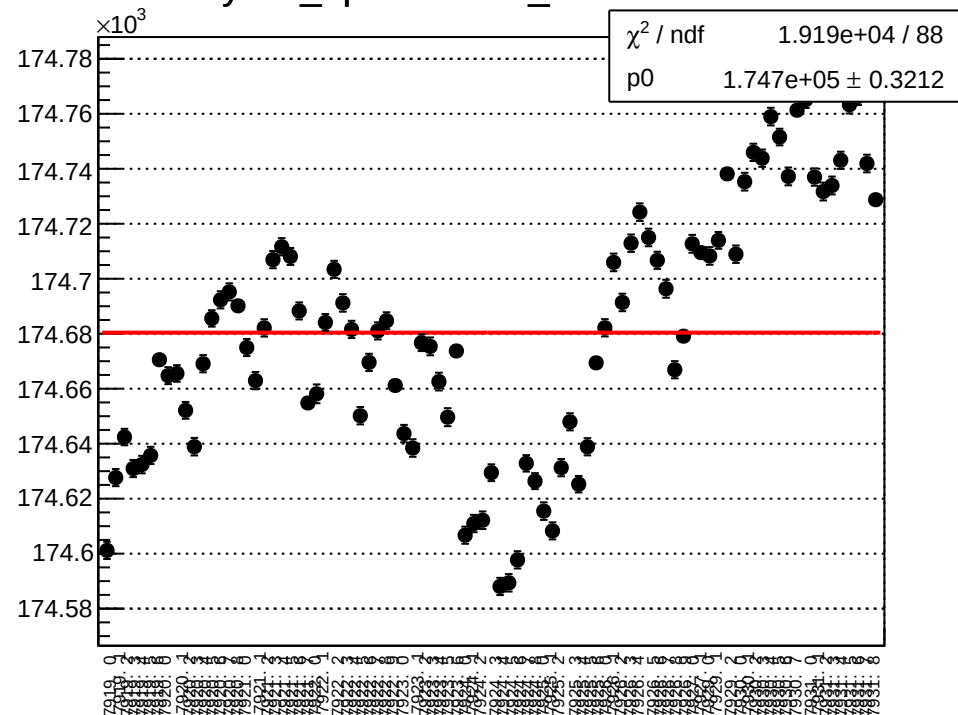
3.038e+04 / 88

p0

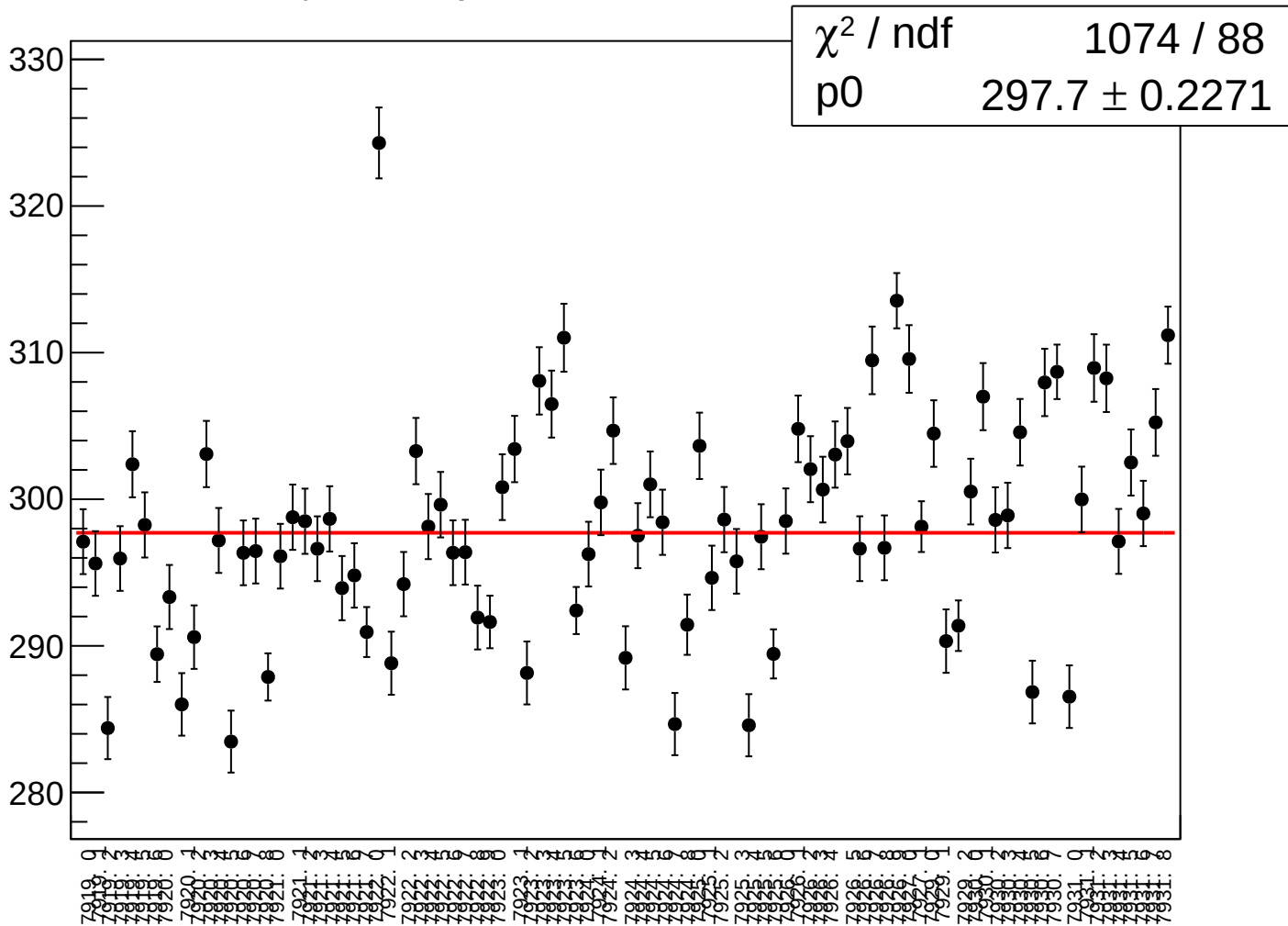
24.55 $\pm$ 0.01889



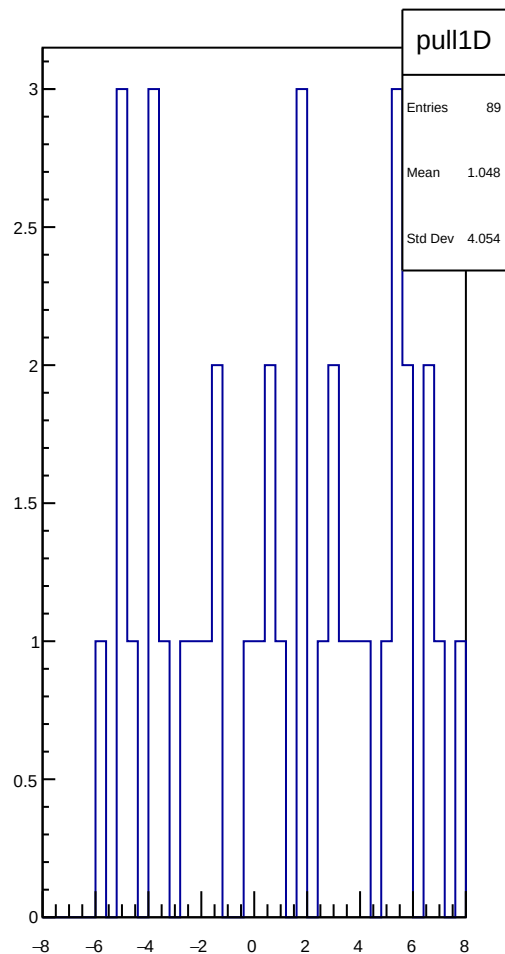
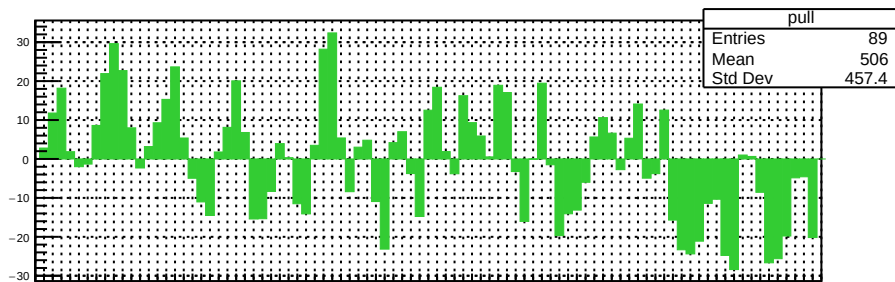
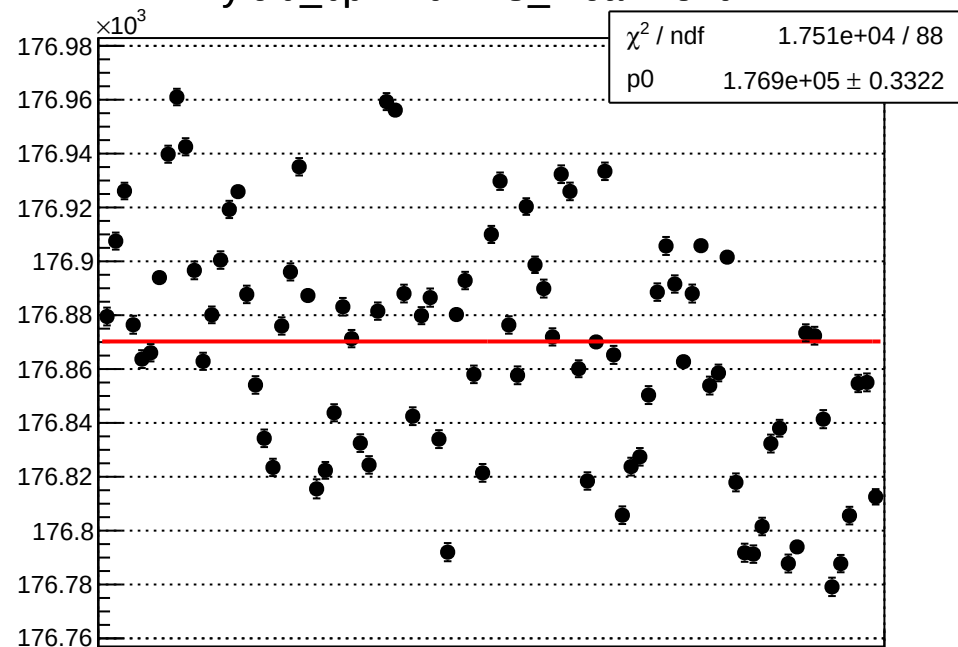
yield_bpm1i02WS_mean vs run



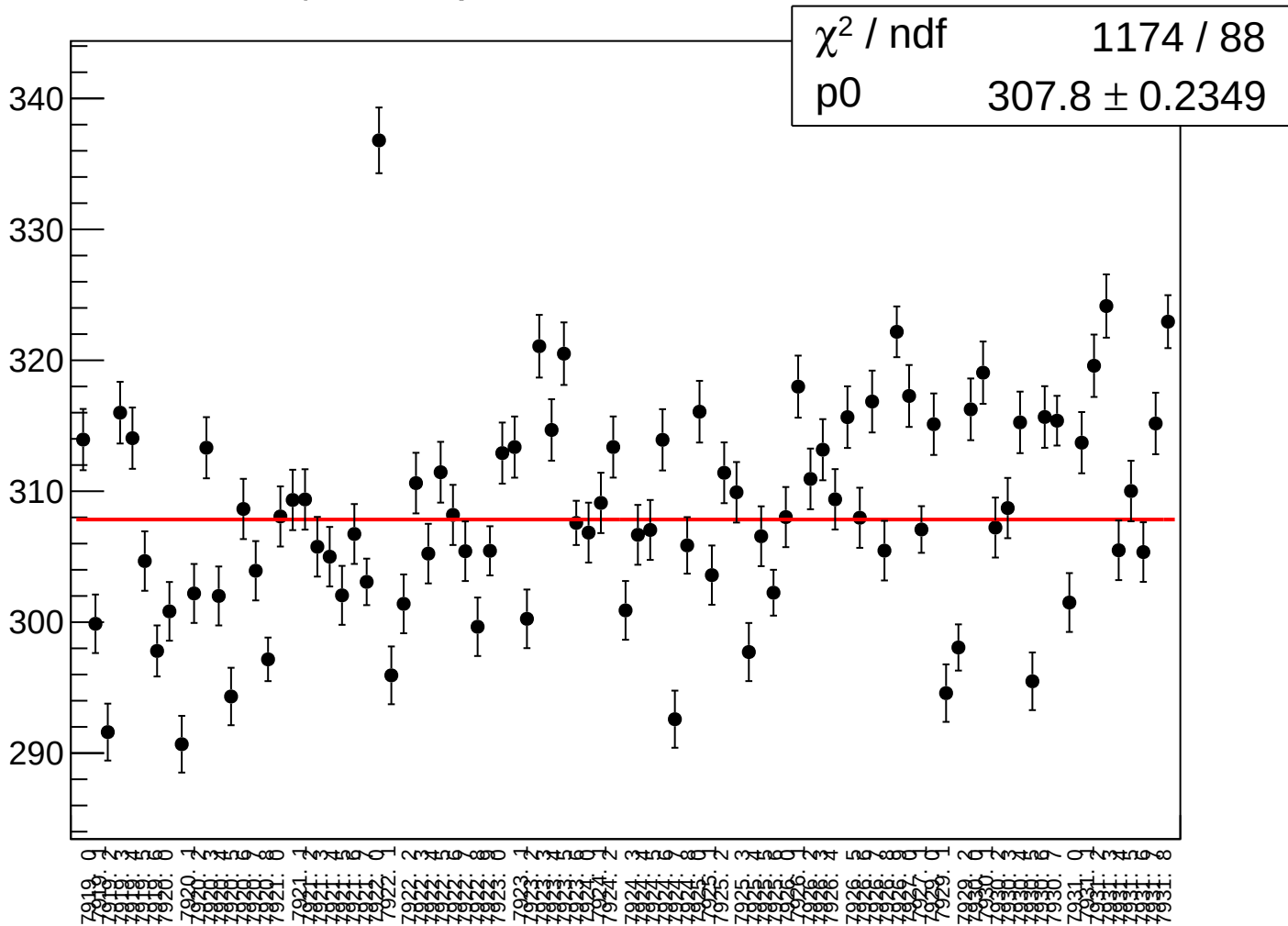
yield_bpm1i02WS_rms vs run



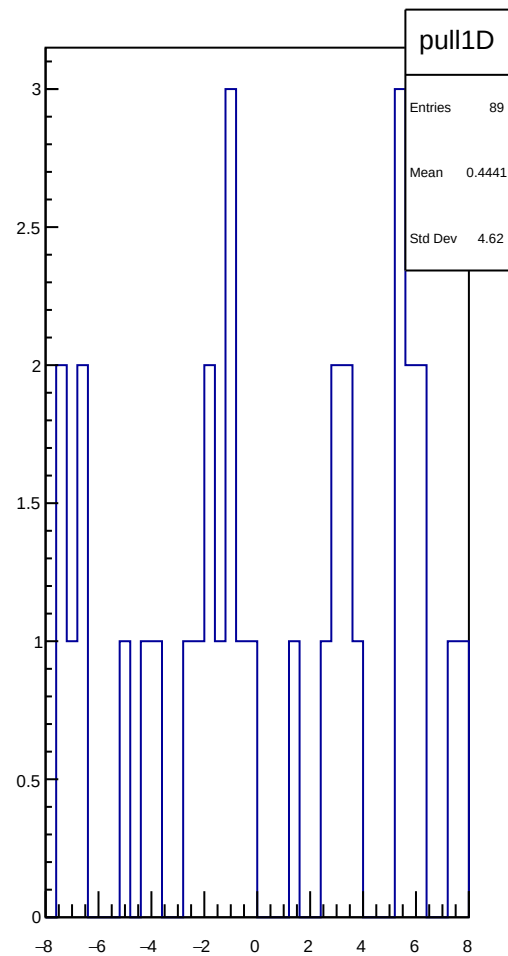
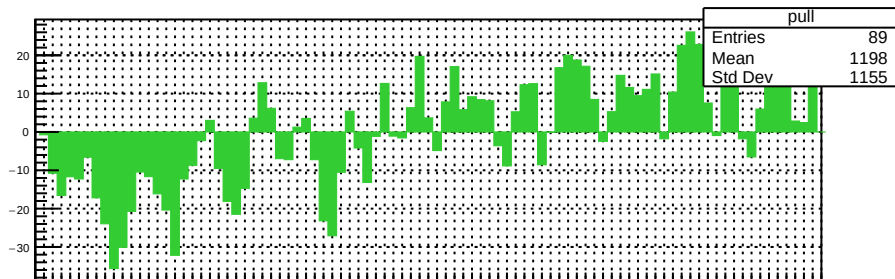
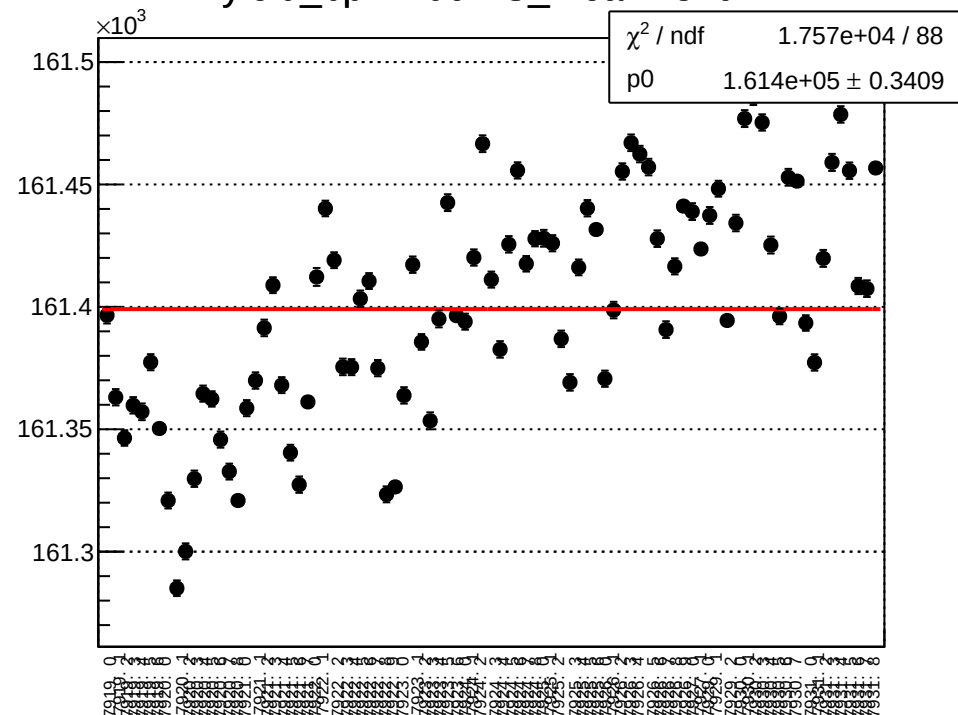
yield_bpm1i04WS_mean vs run



yield_bpm1i04WS_rms vs run



yield_bpm1i06WS_mean vs run



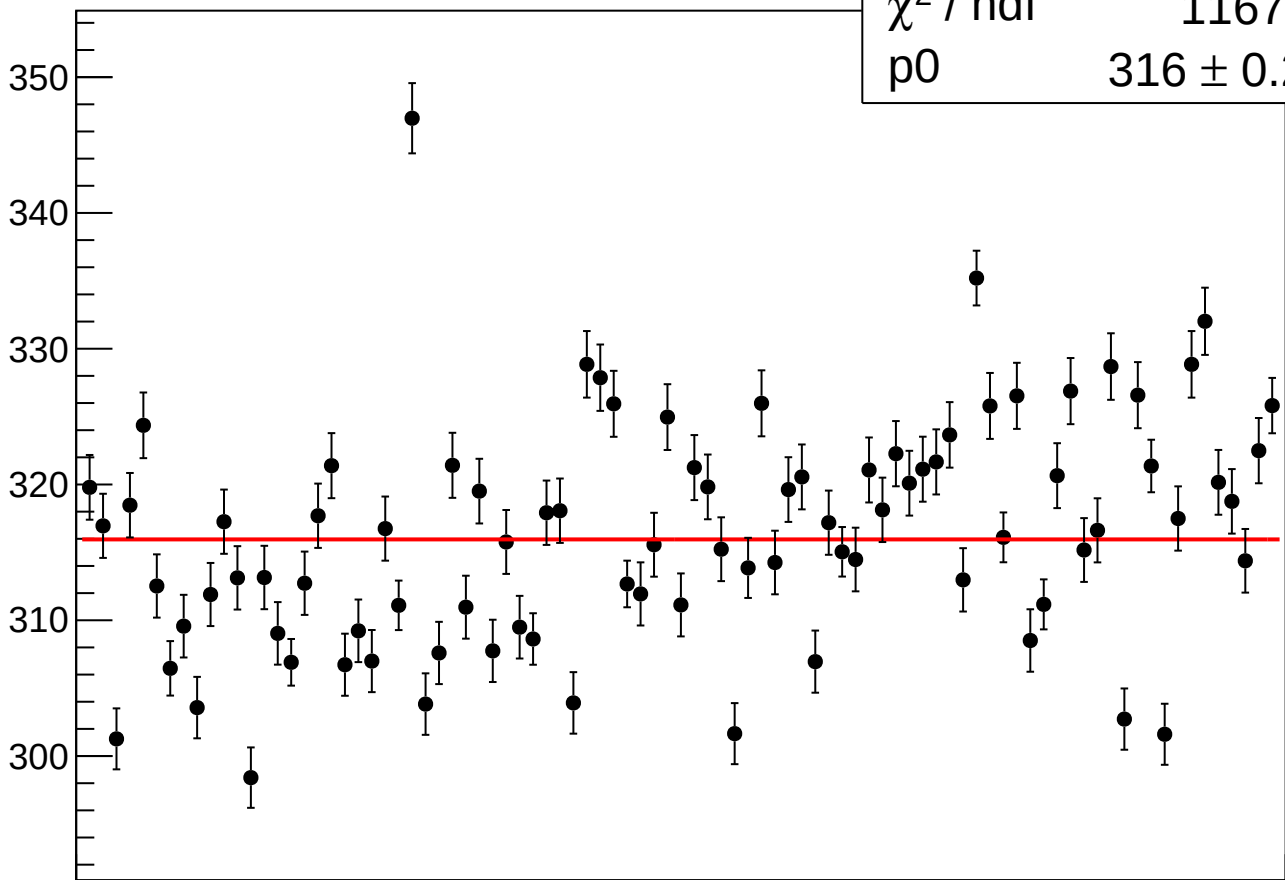
yield_bpm1i06WS_rms vs run

χ^2 / ndf

1167 / 88

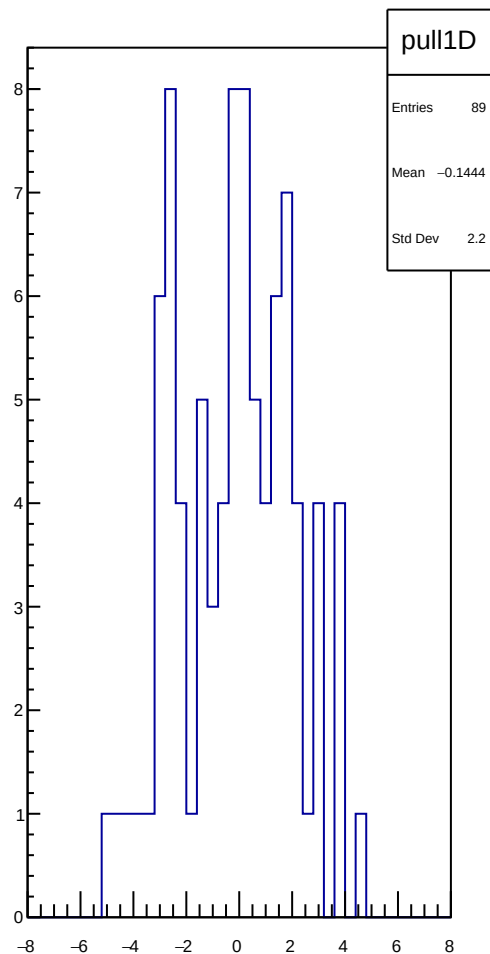
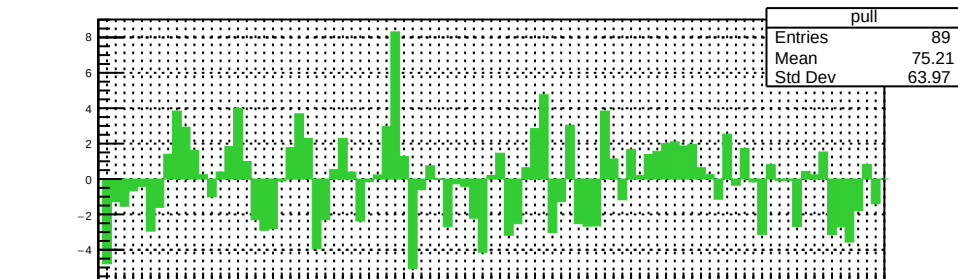
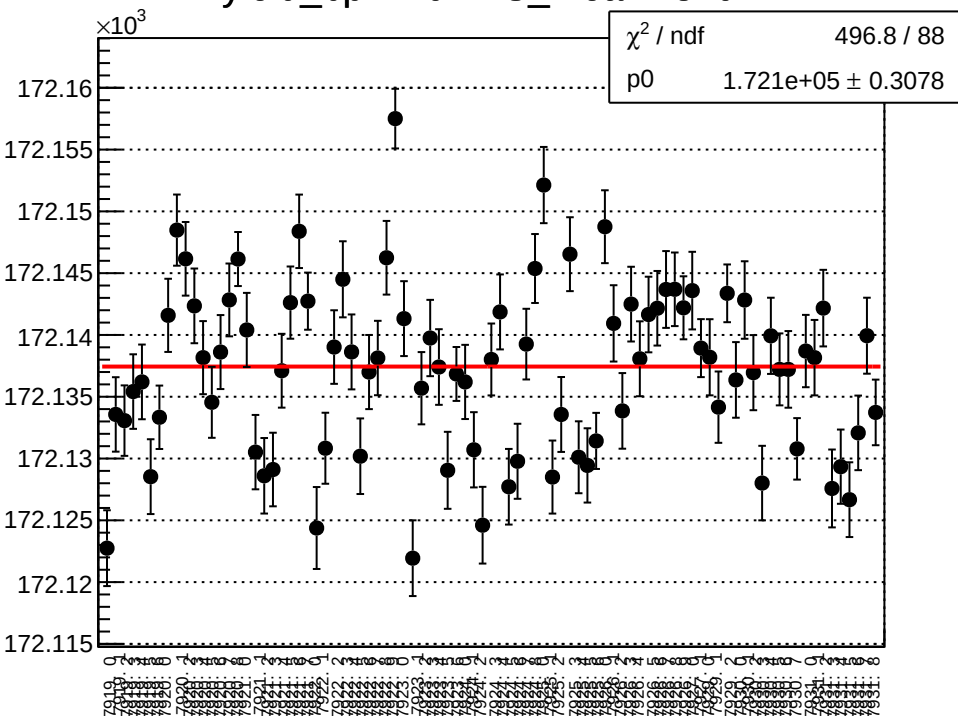
p0

316 ± 0.2411

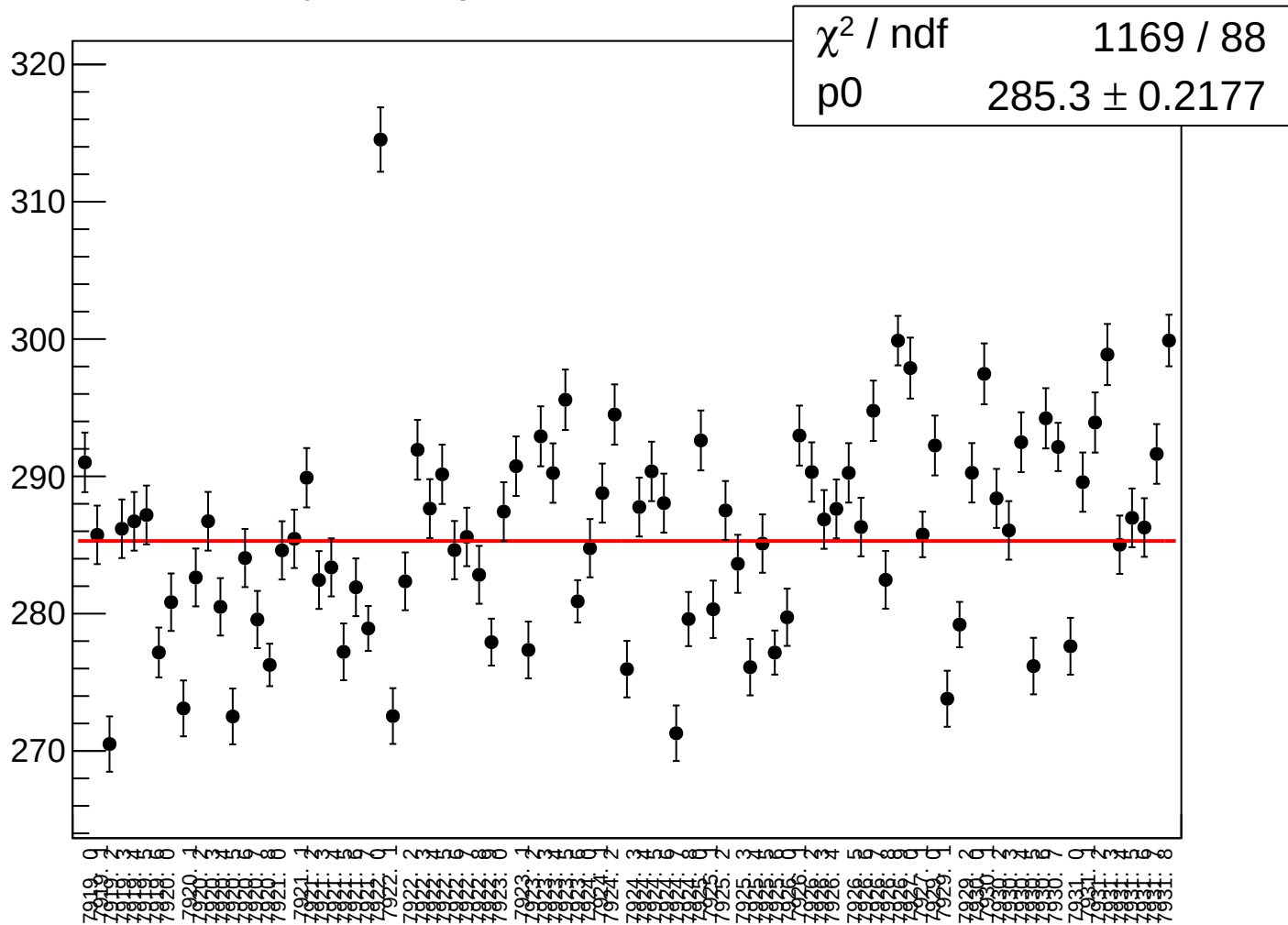


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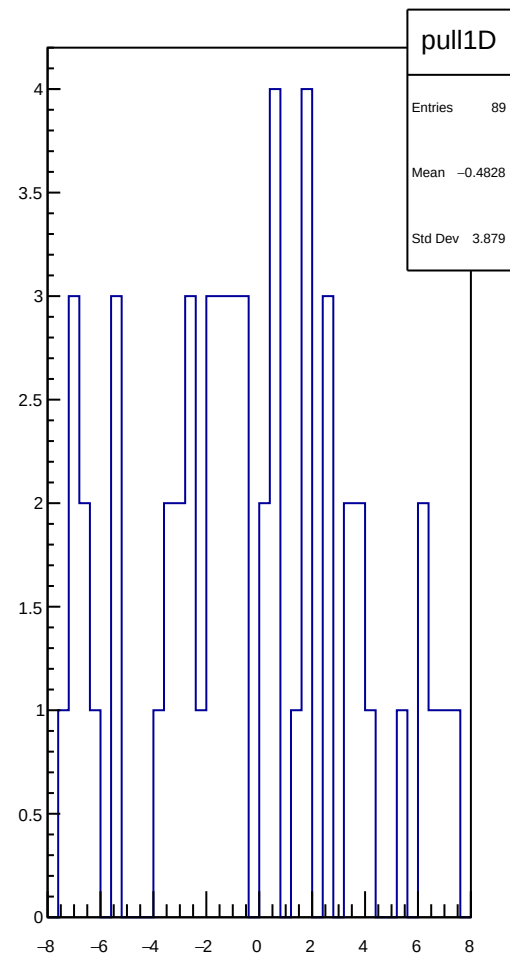
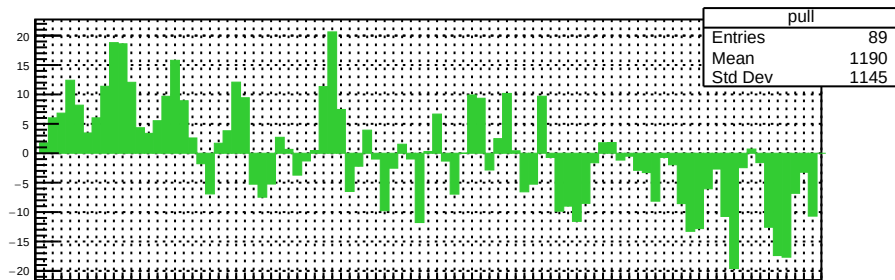
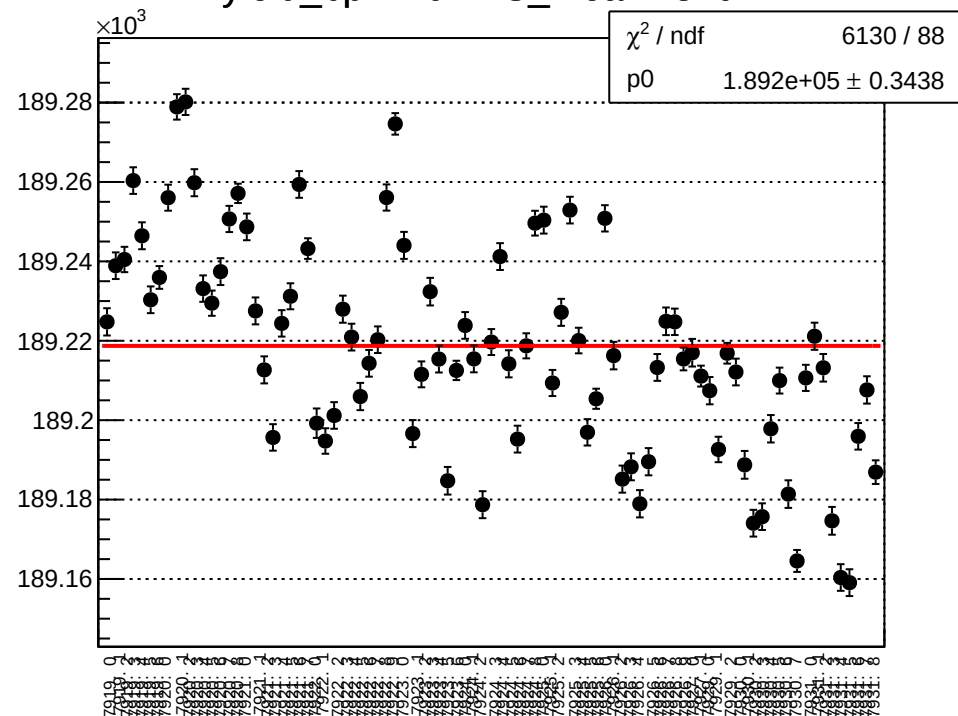
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yield_bpm2i01WS_rms vs run



yield_bpm2i02WS_mean vs run



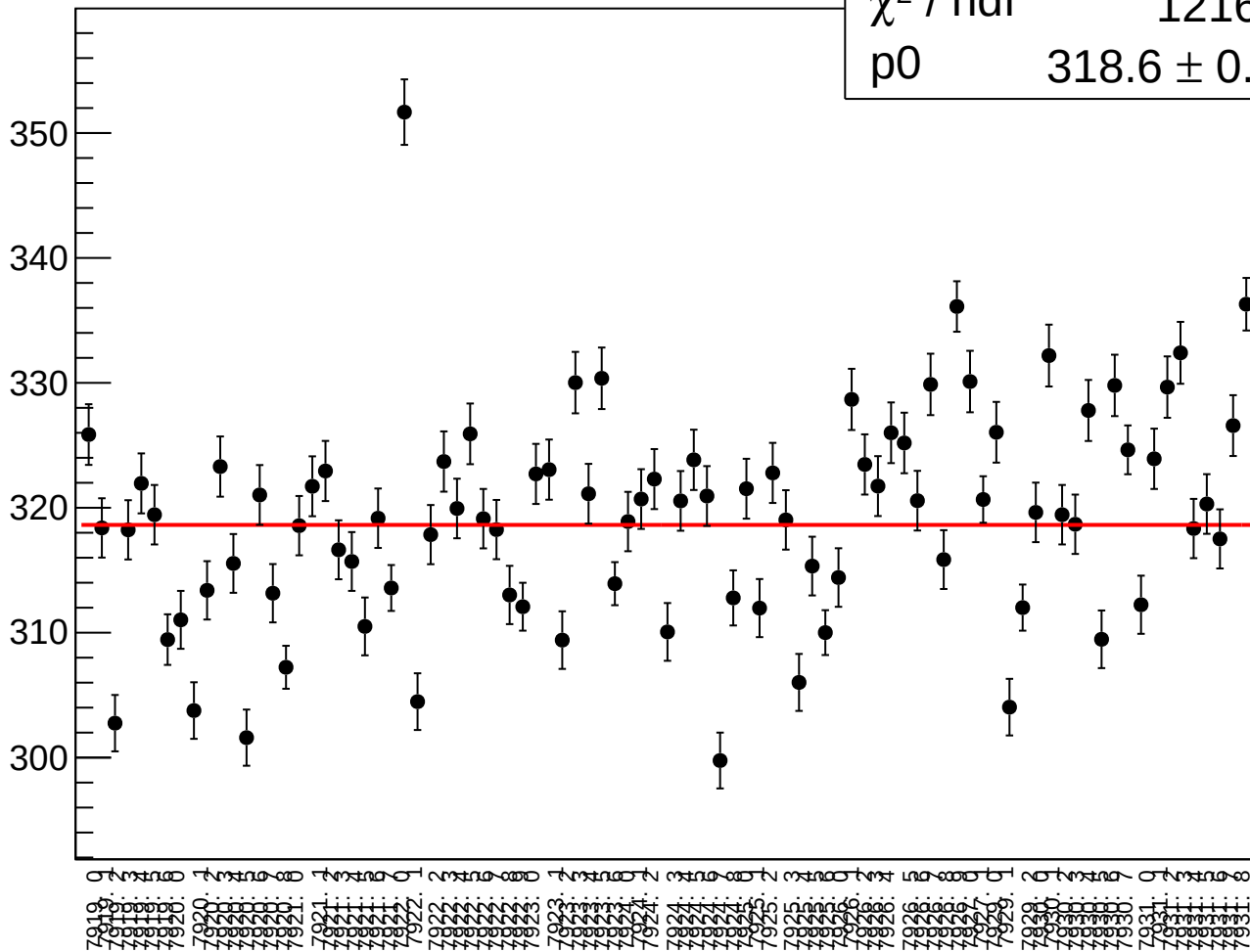
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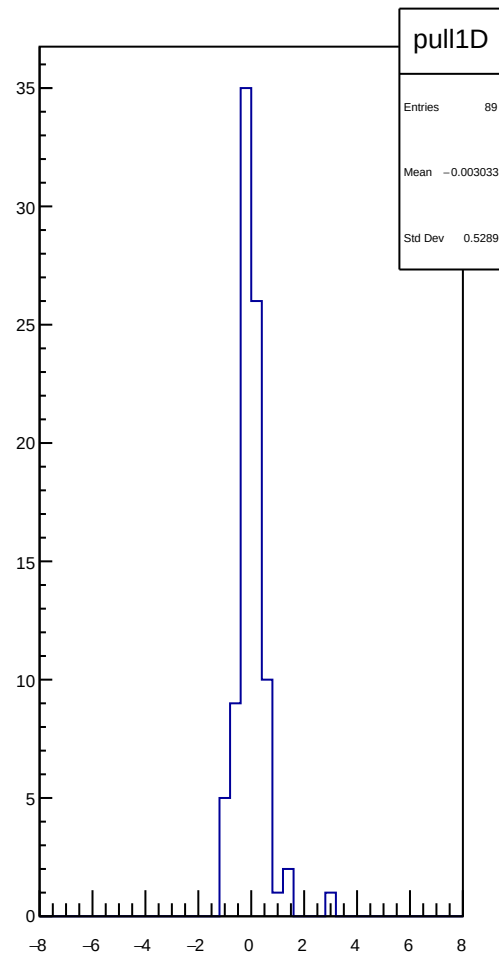
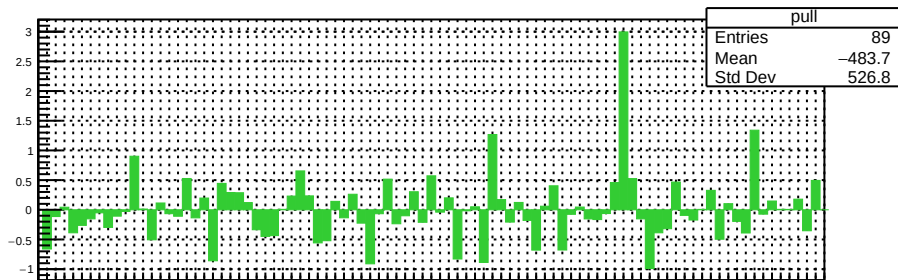
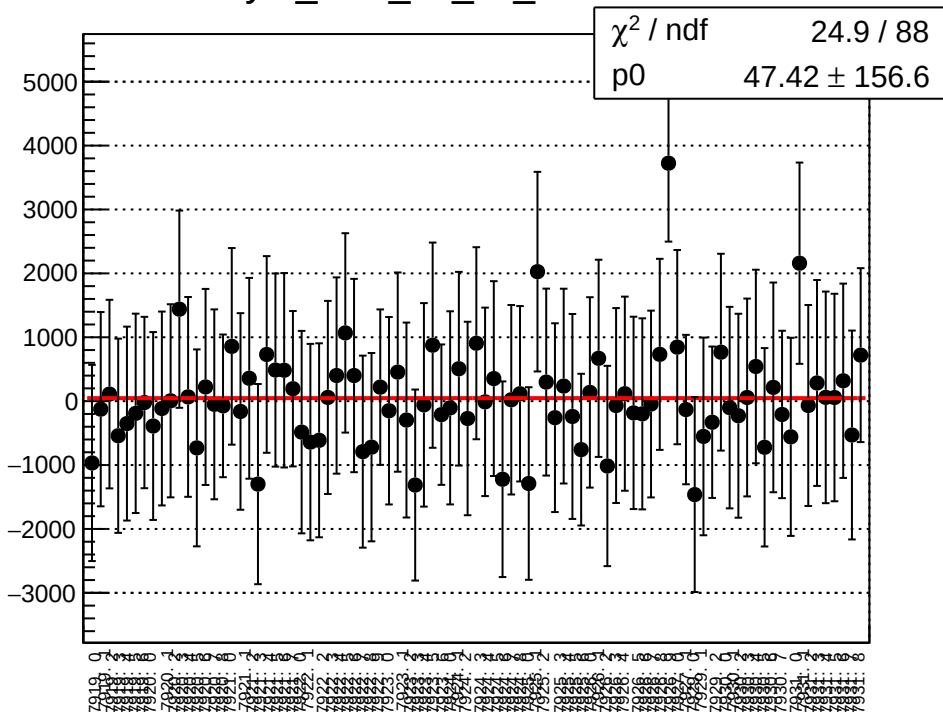
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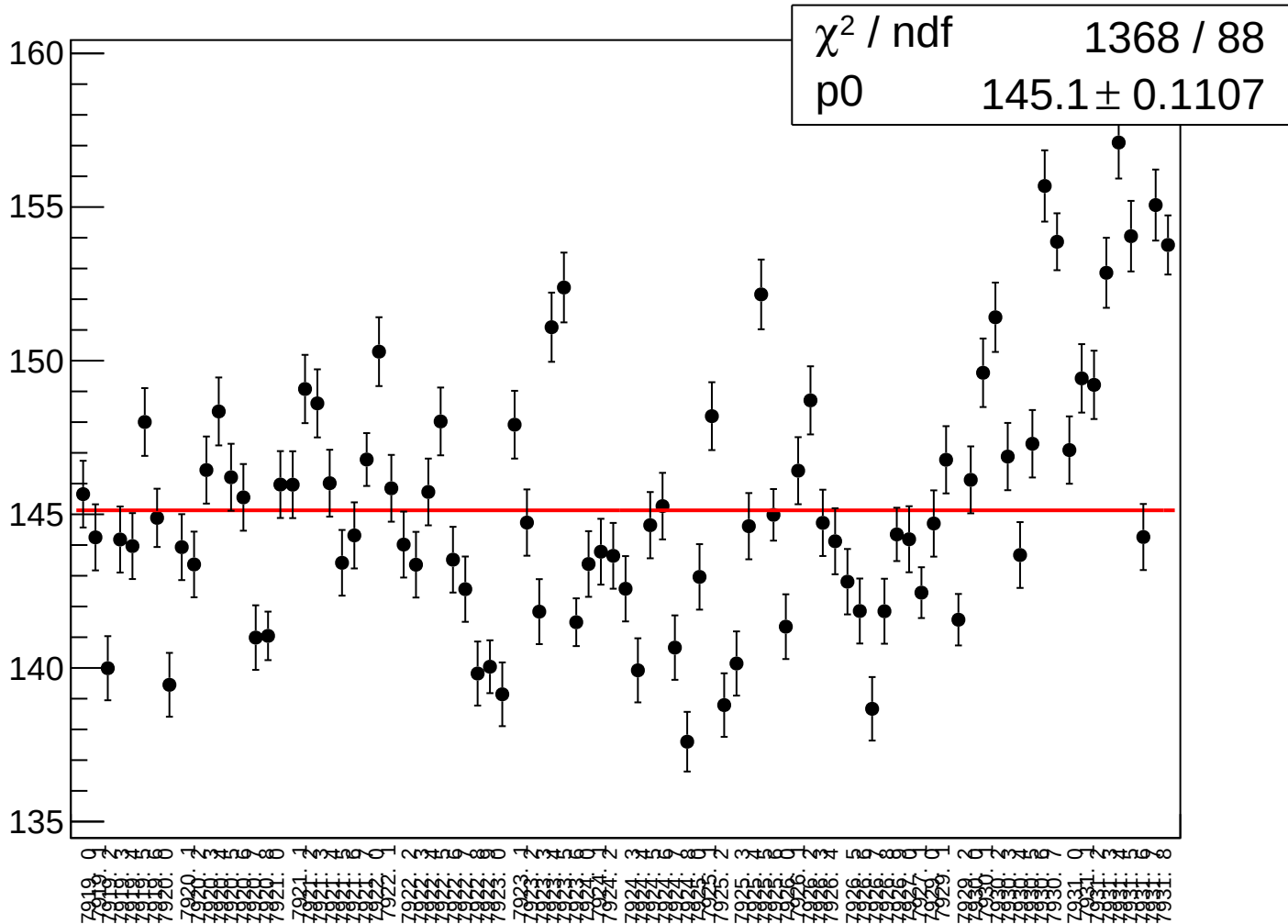
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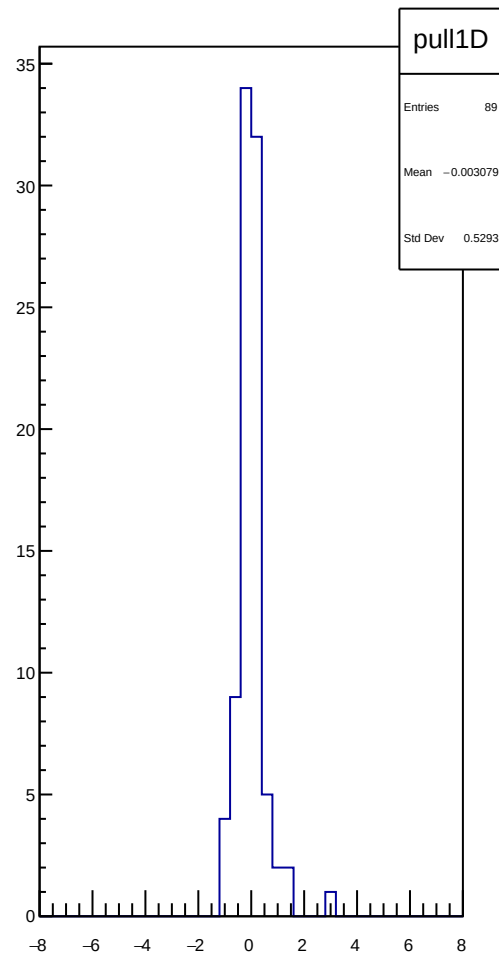
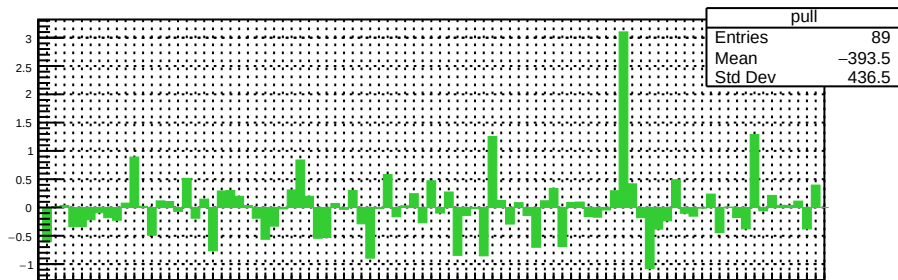
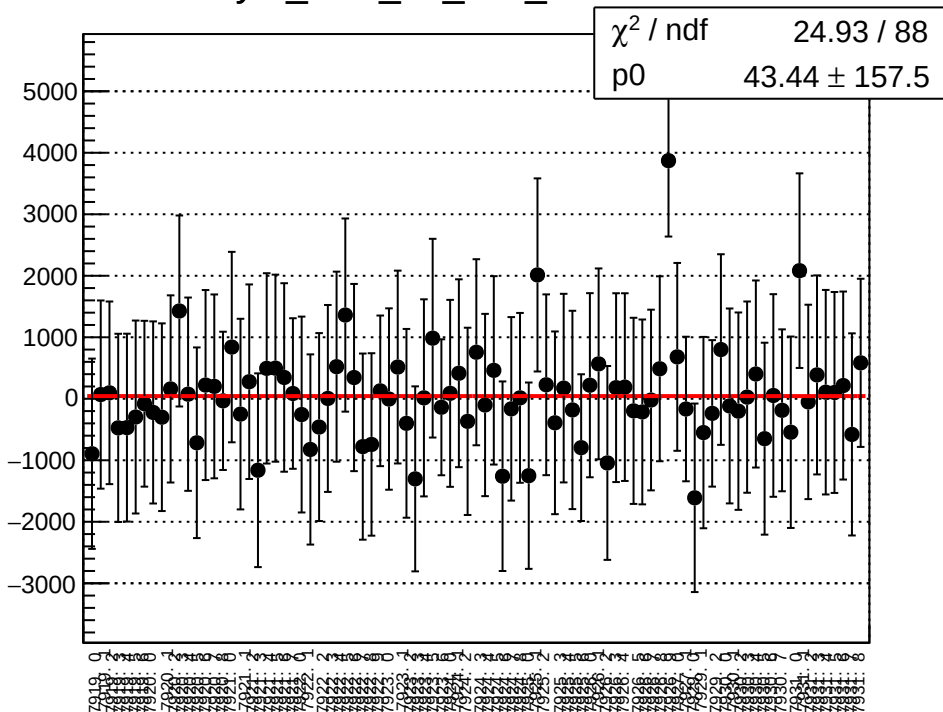
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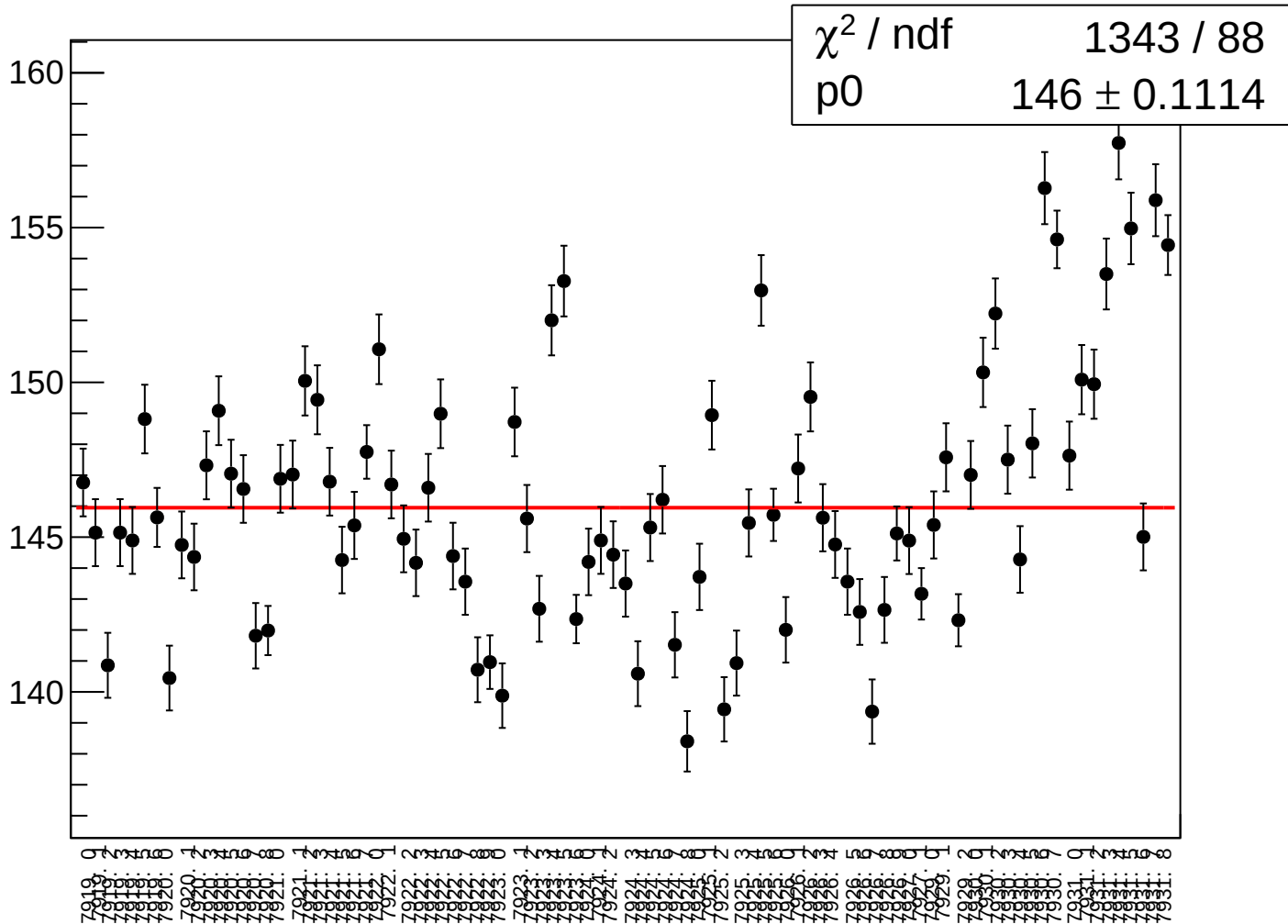
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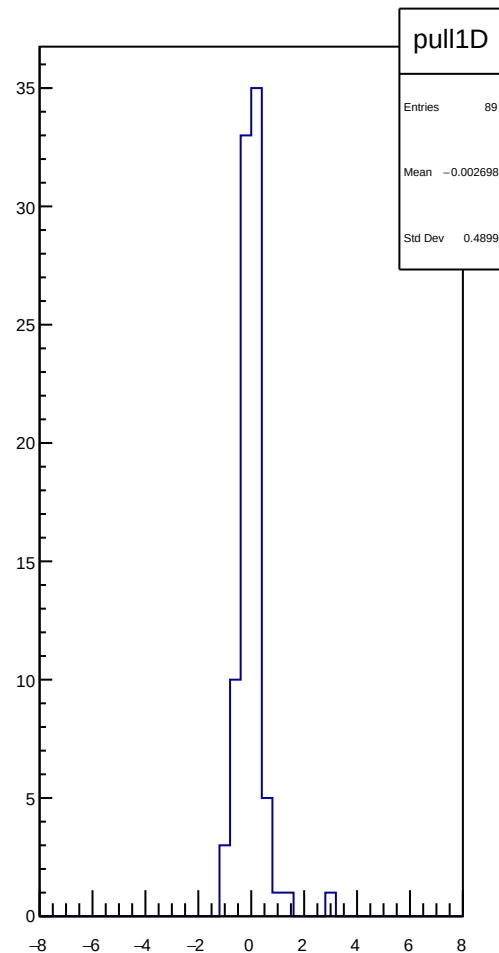
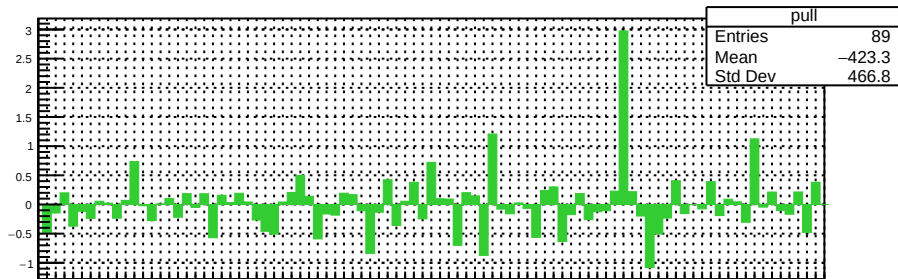
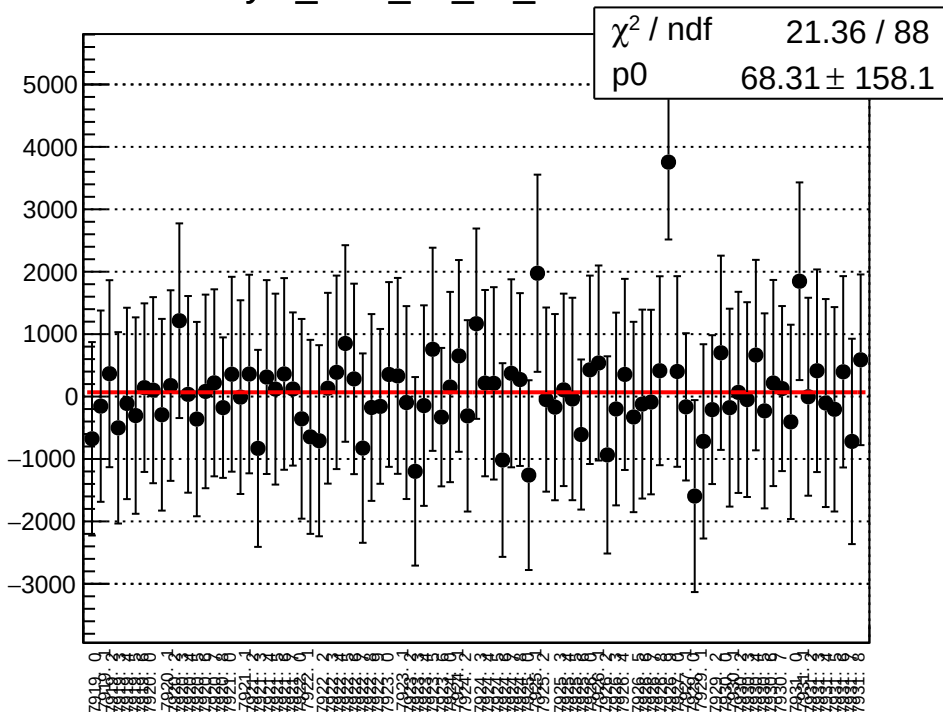
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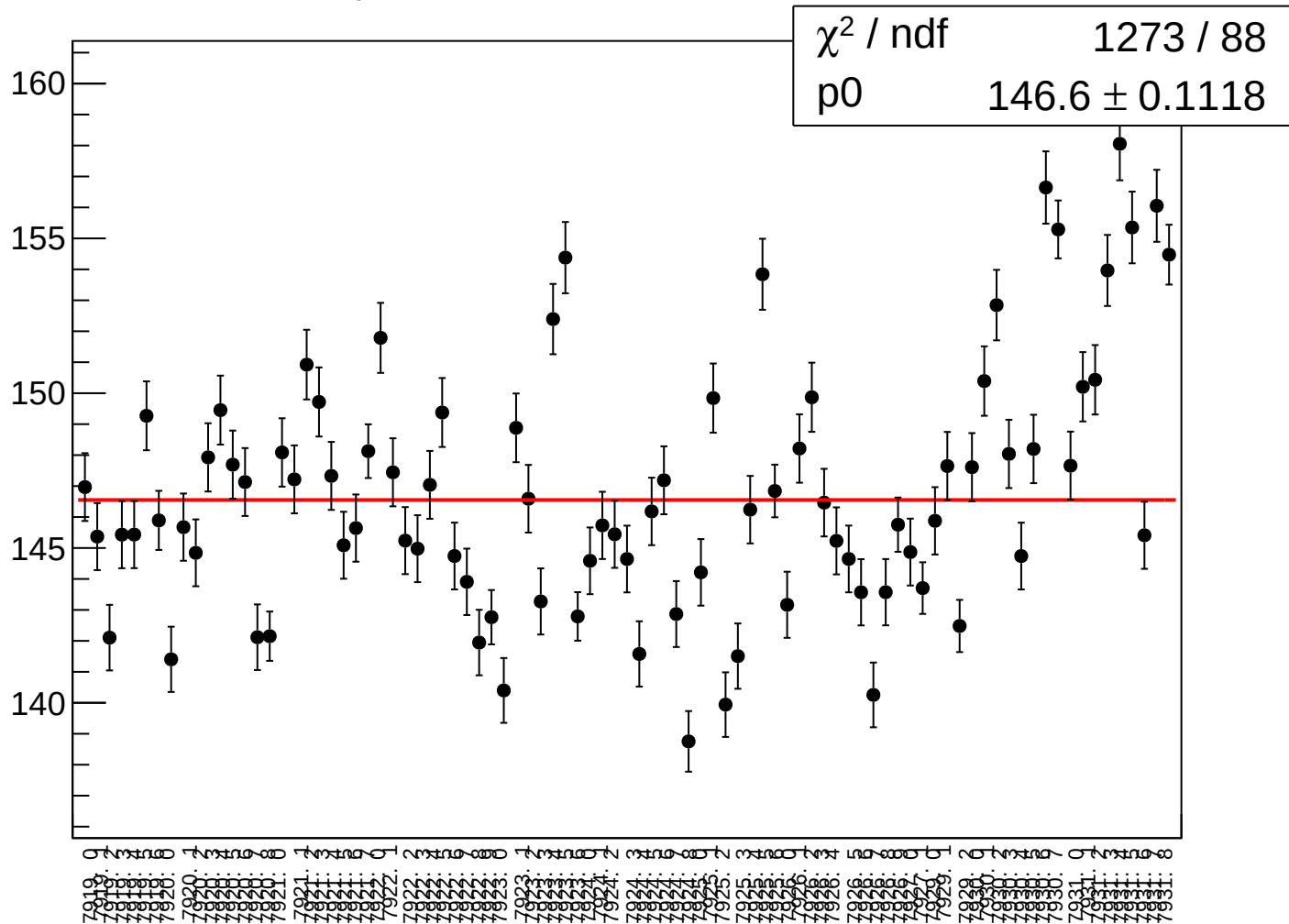
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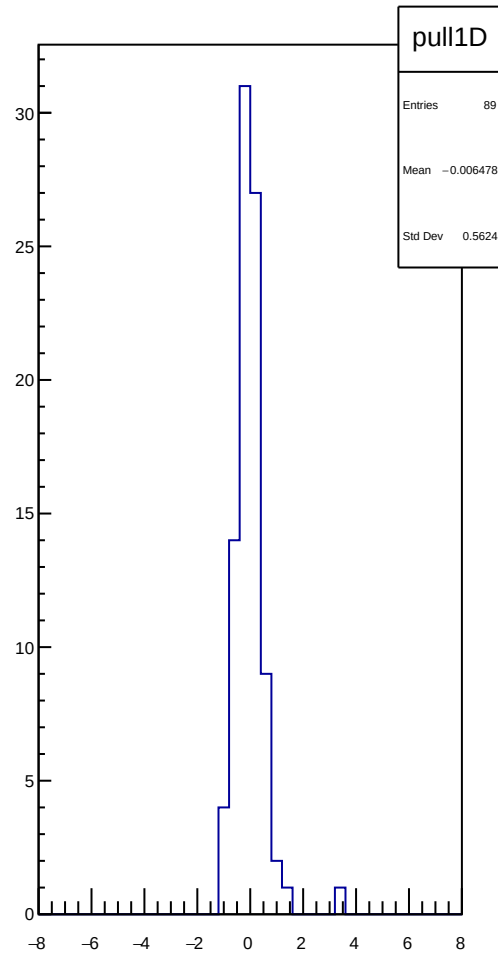
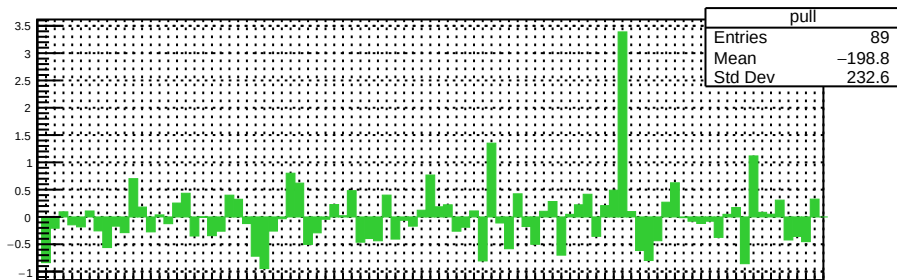
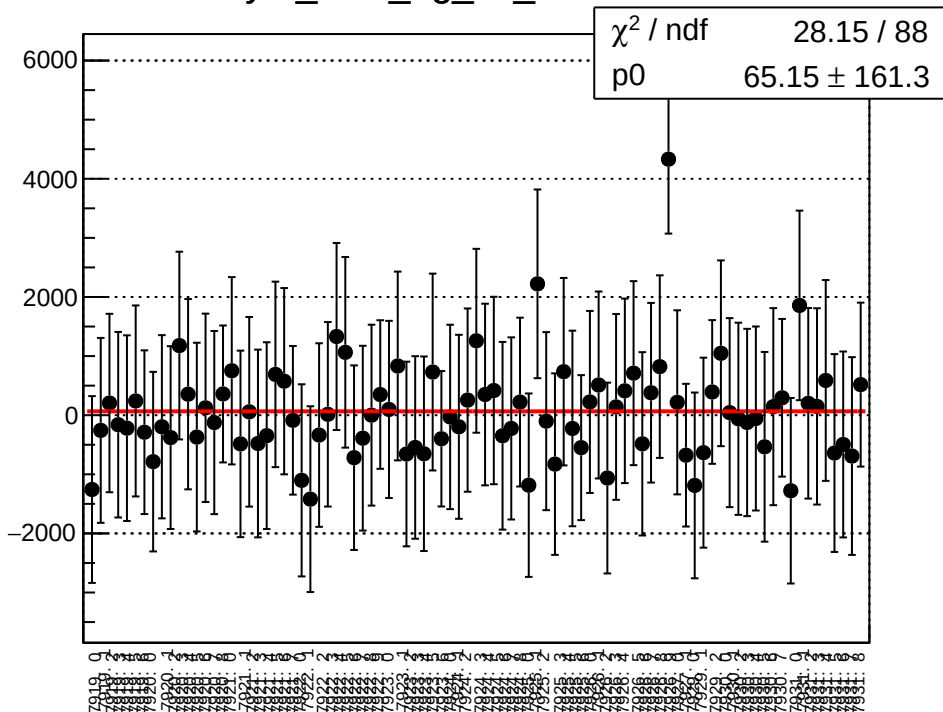
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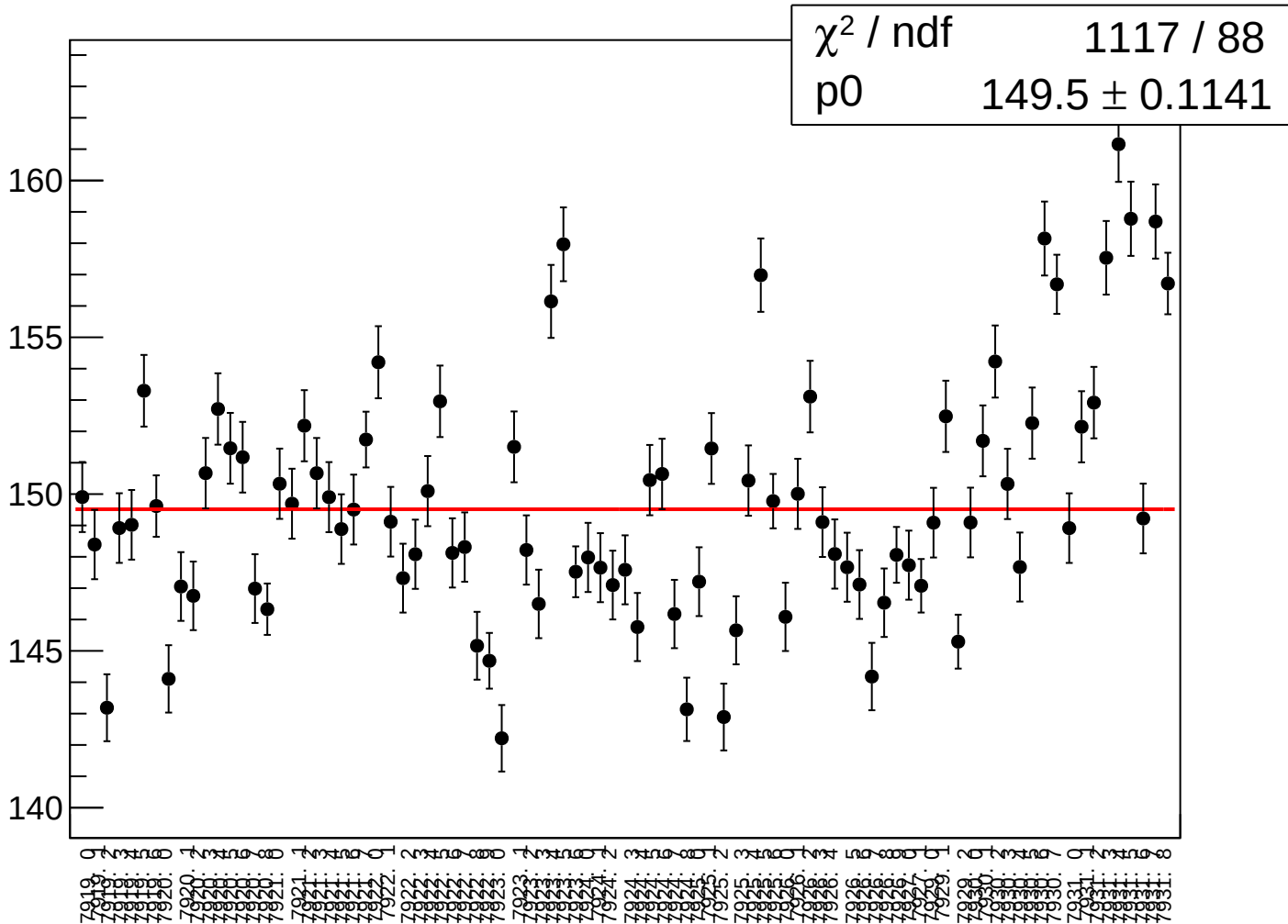
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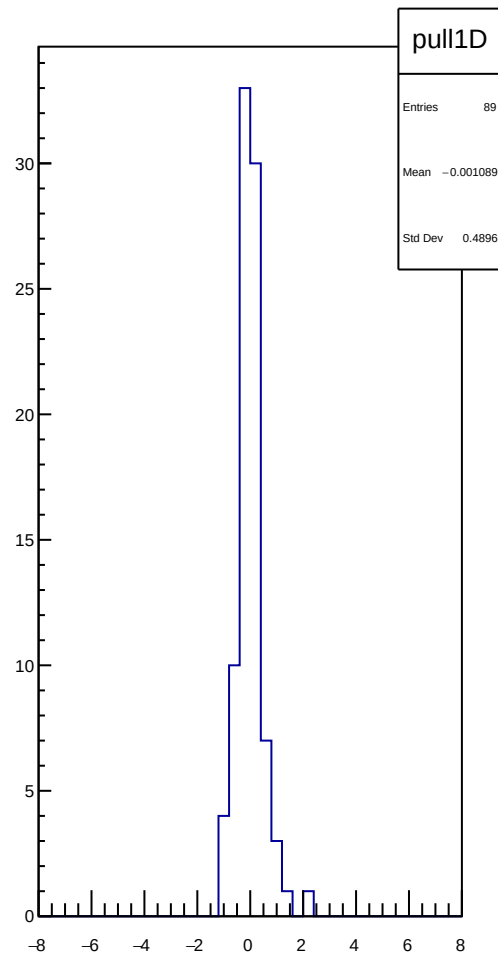
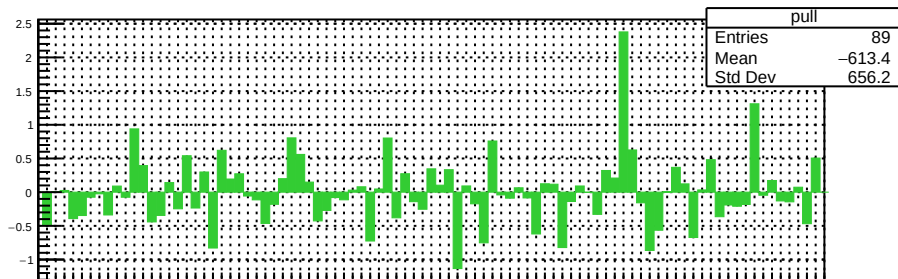
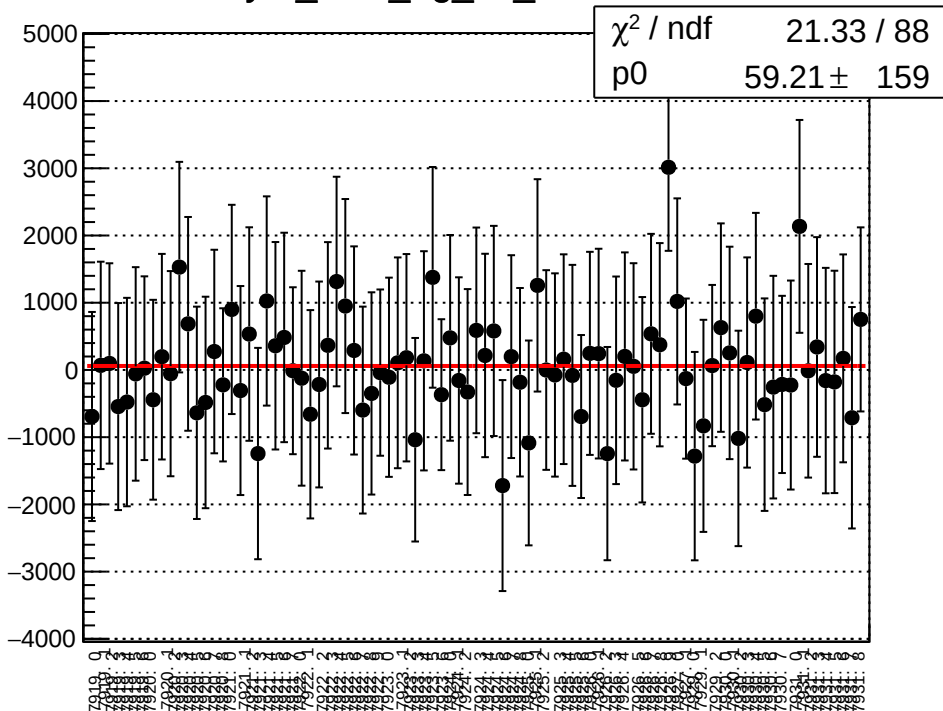
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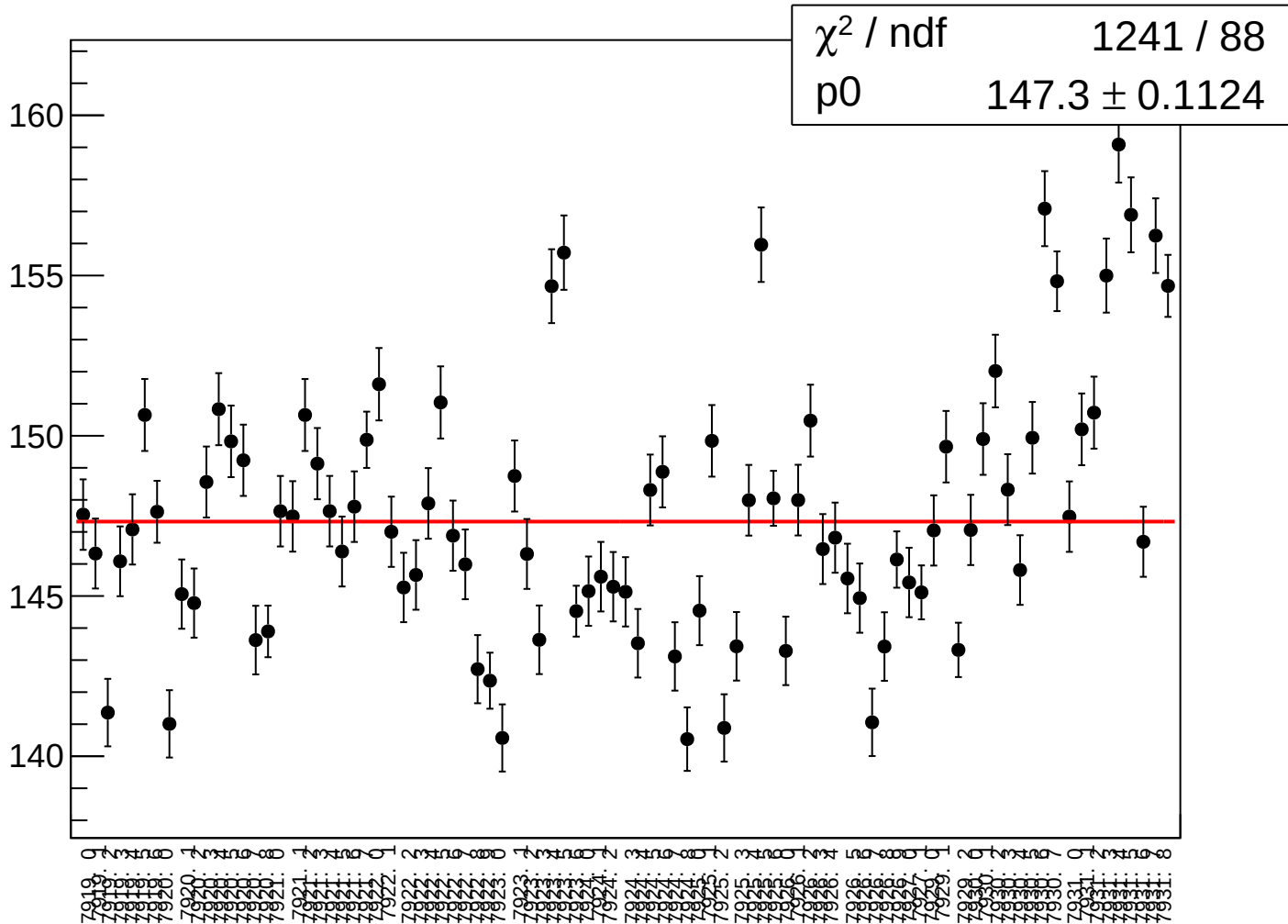
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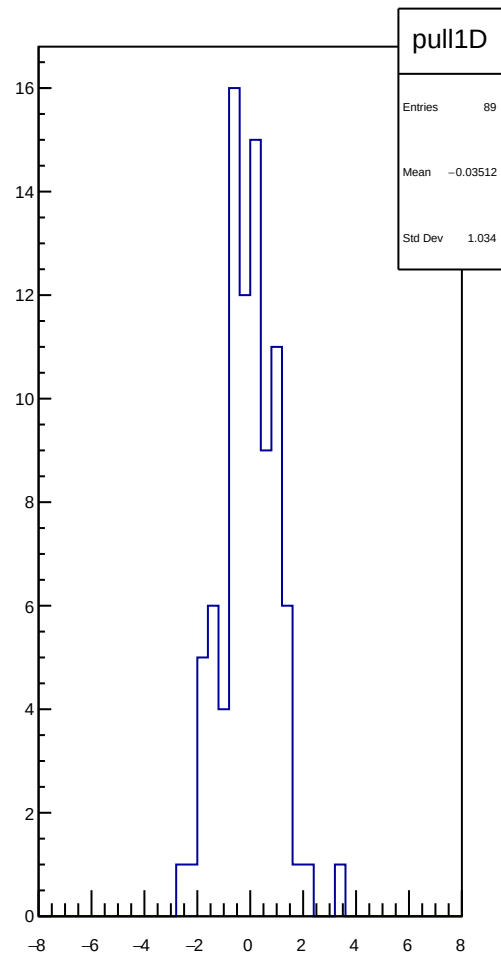
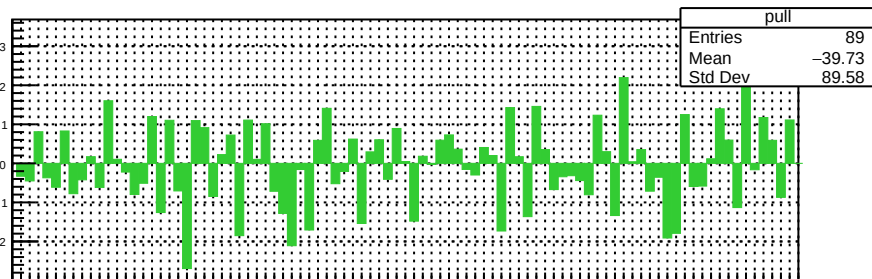
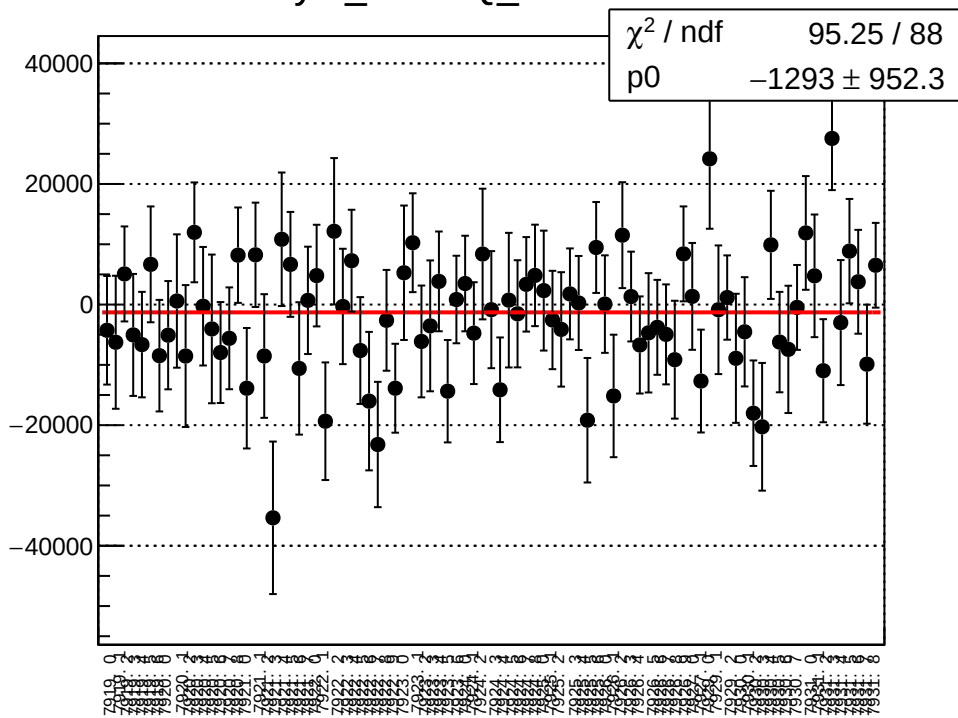
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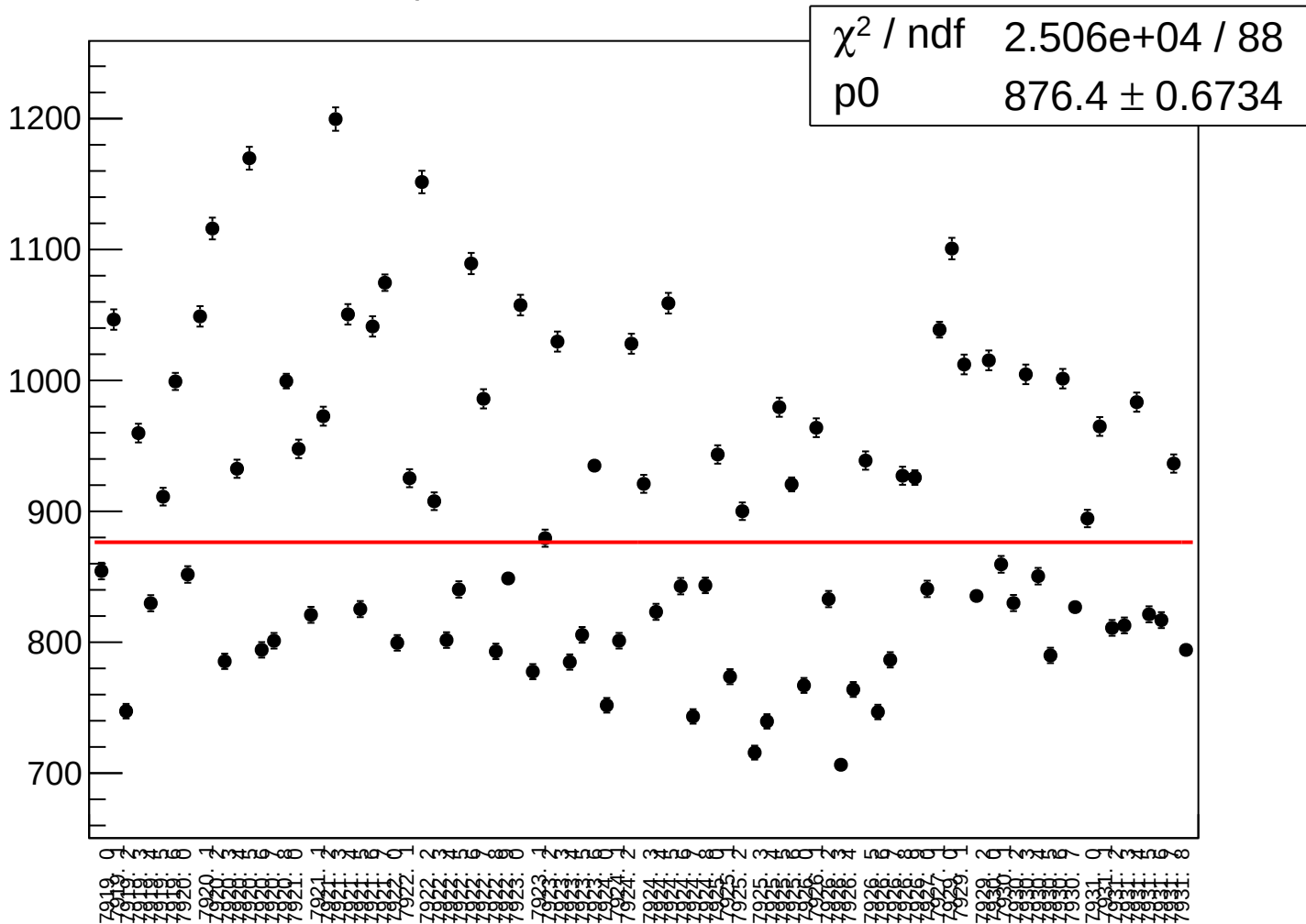
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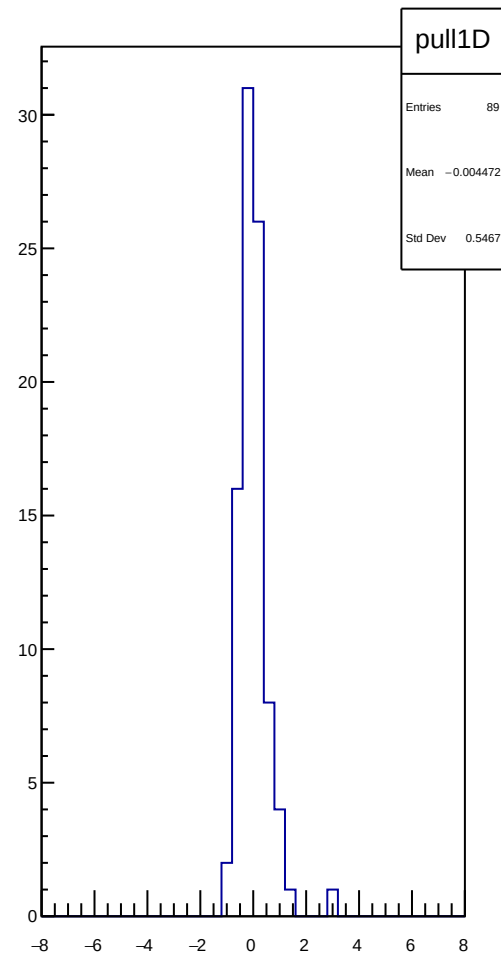
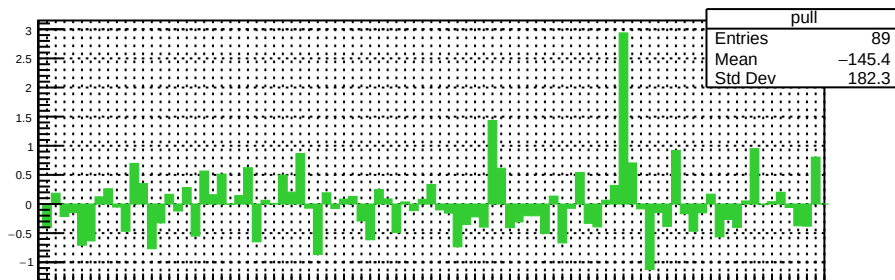
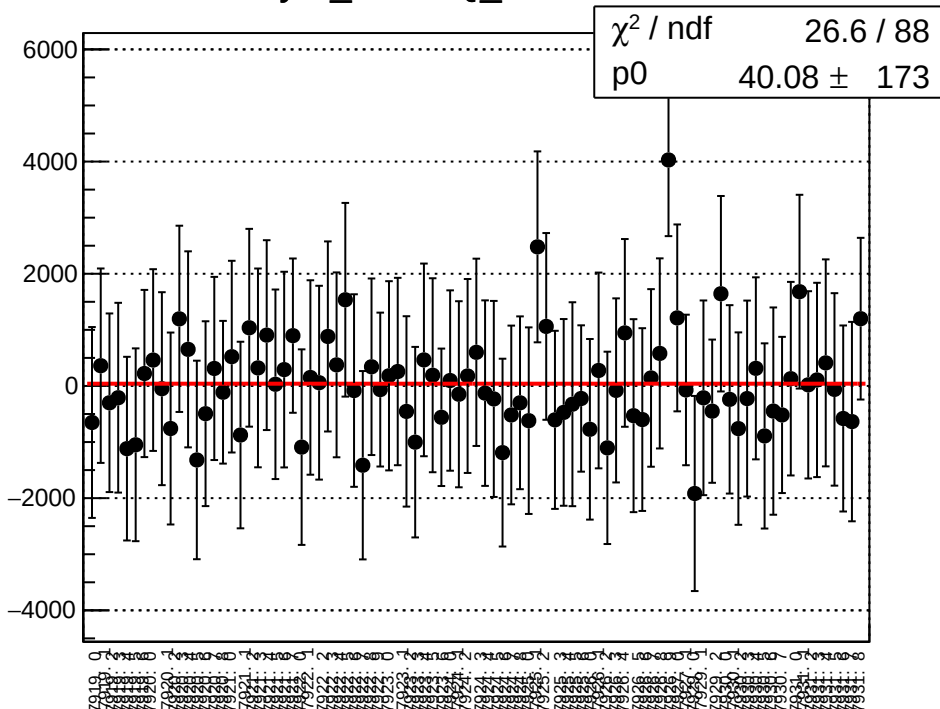
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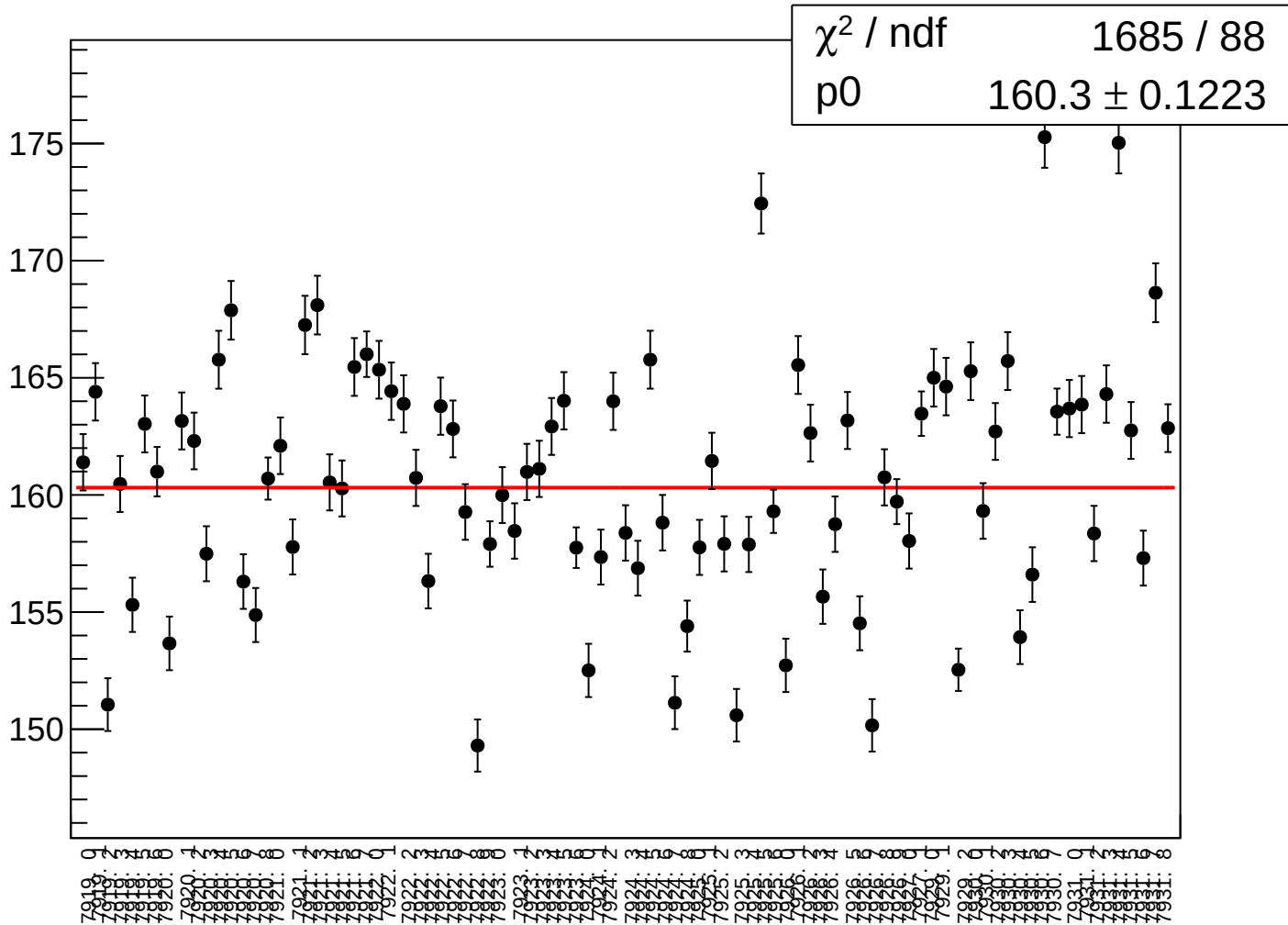
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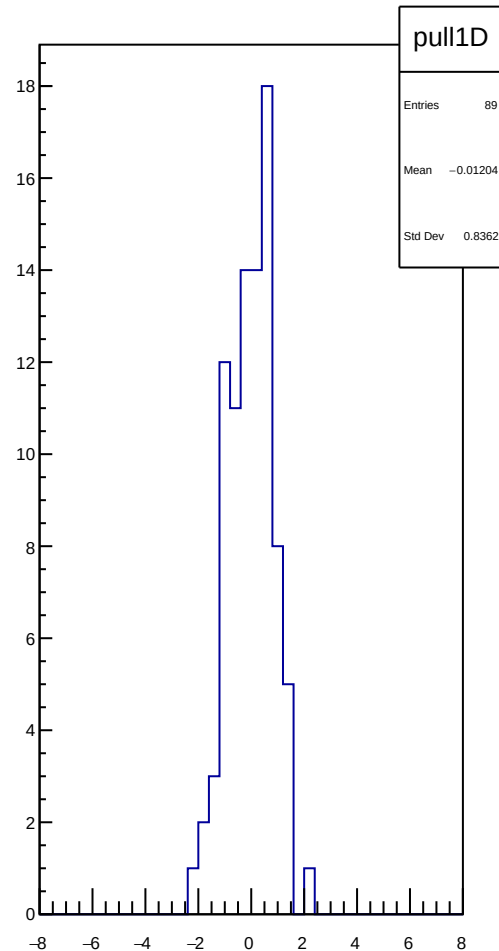
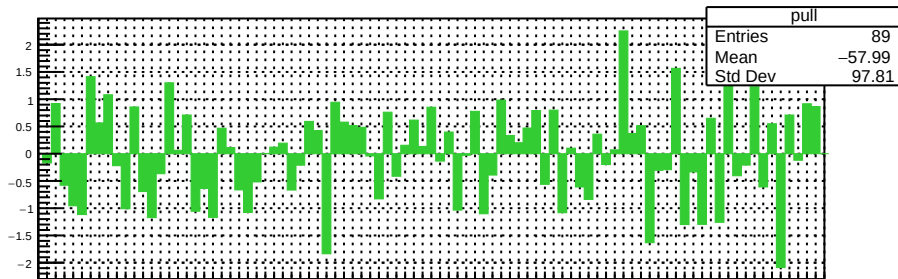
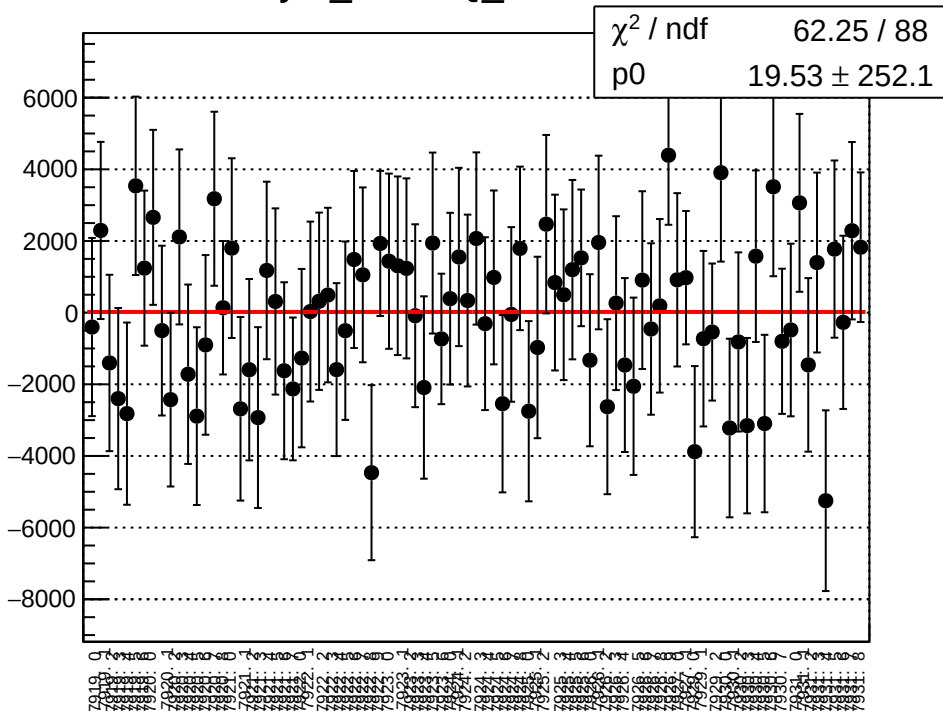
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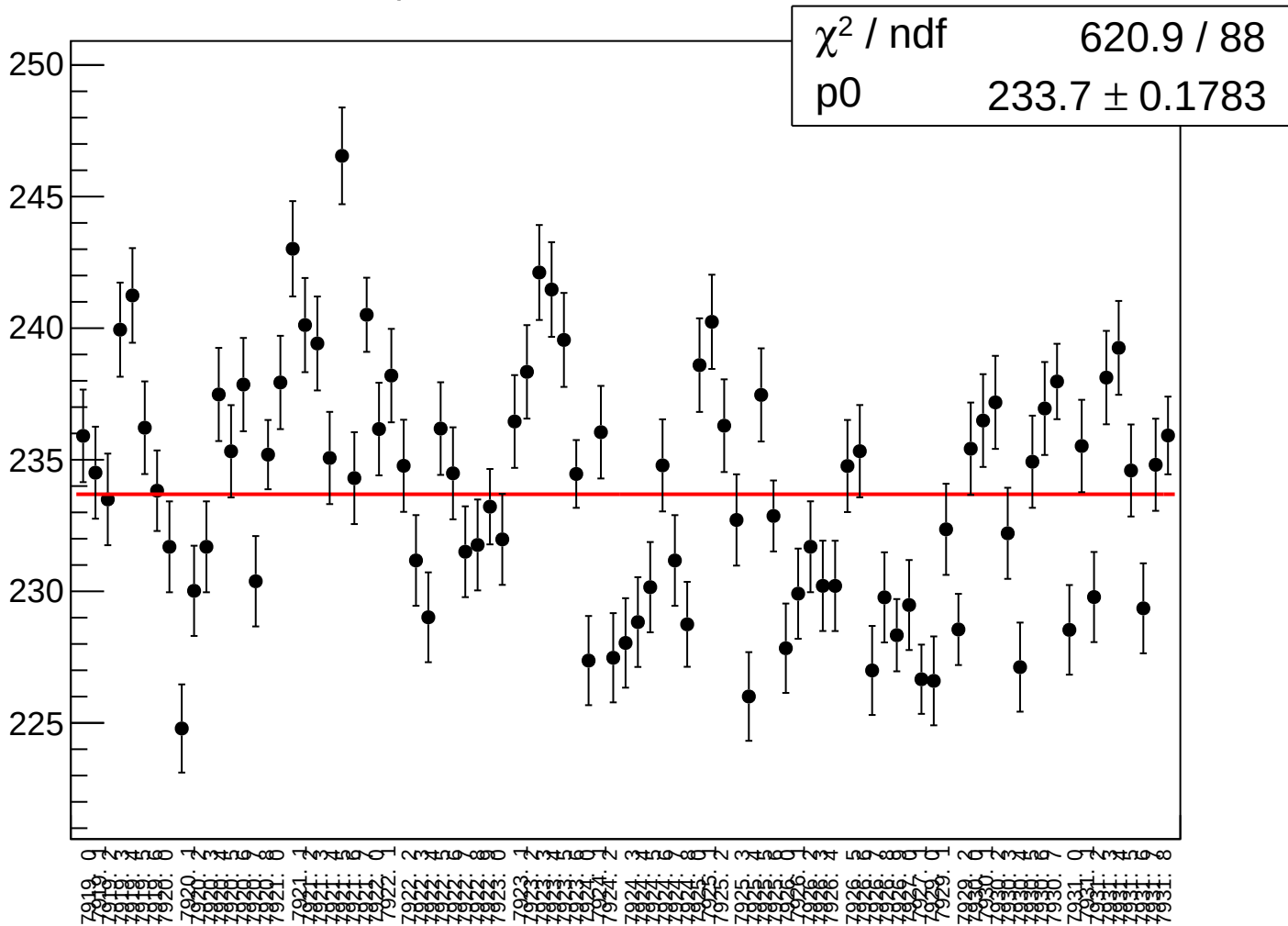
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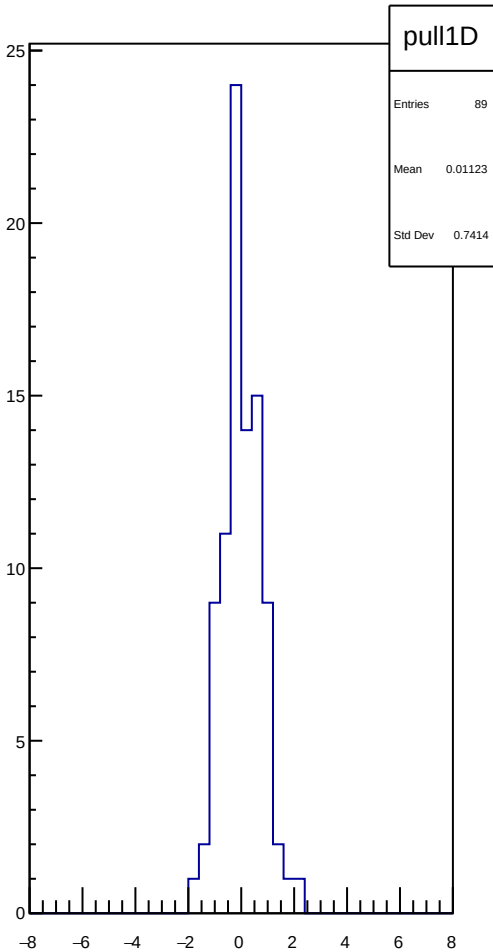
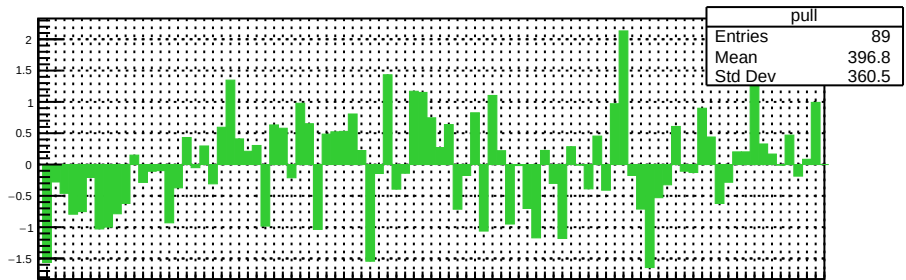
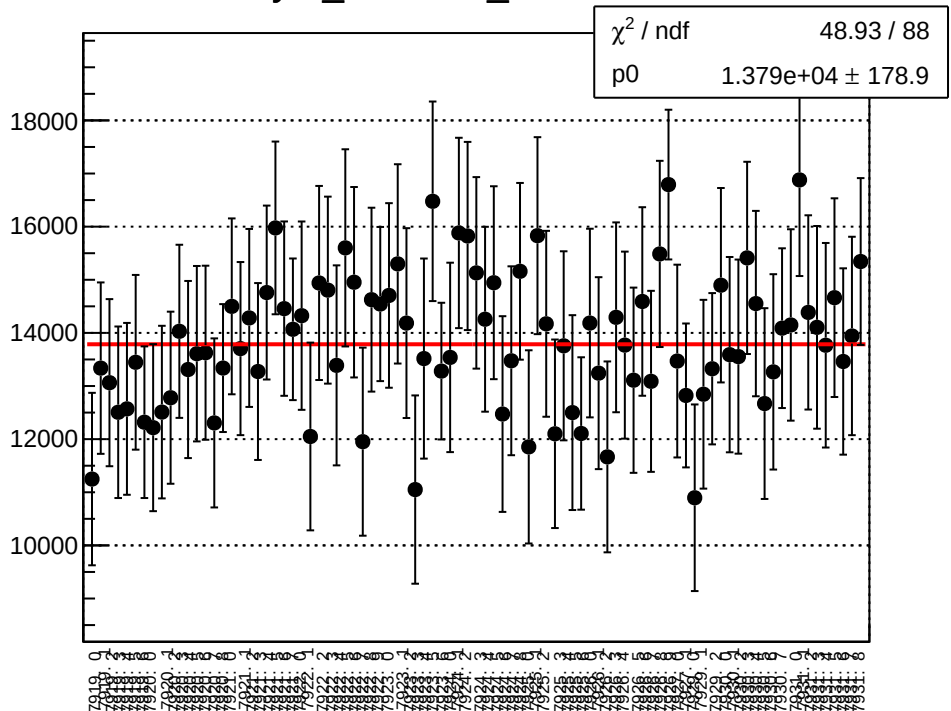
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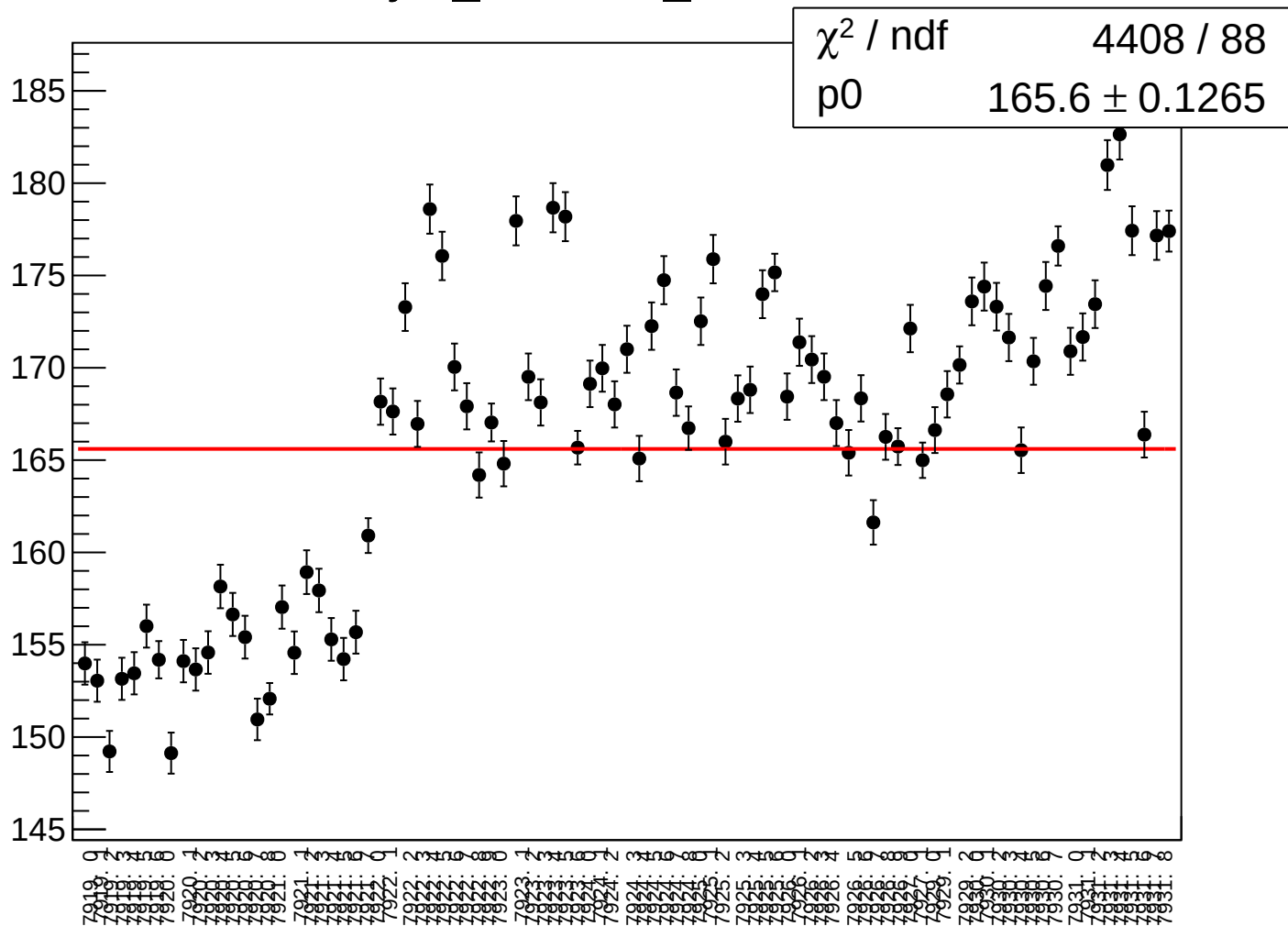
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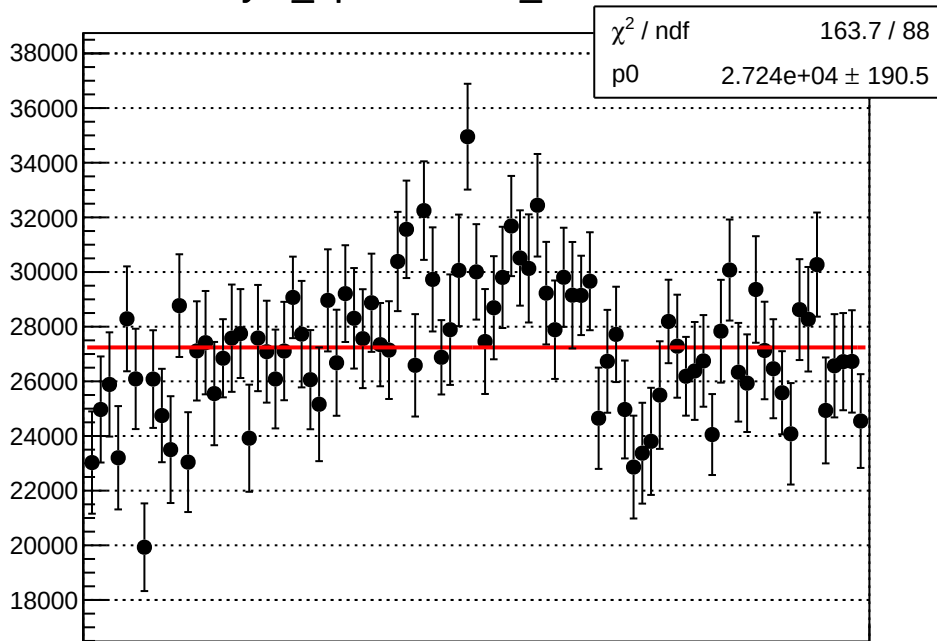
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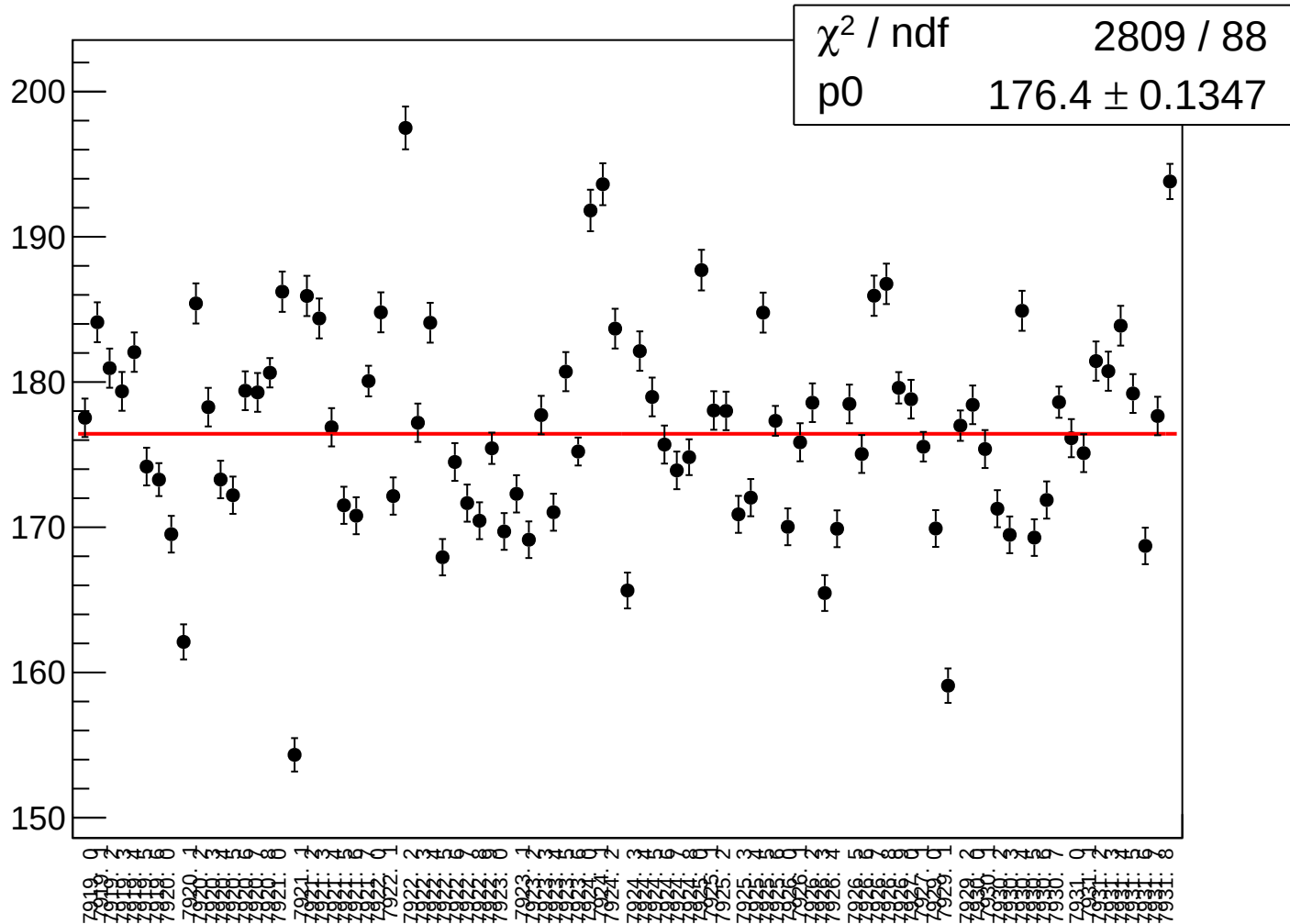


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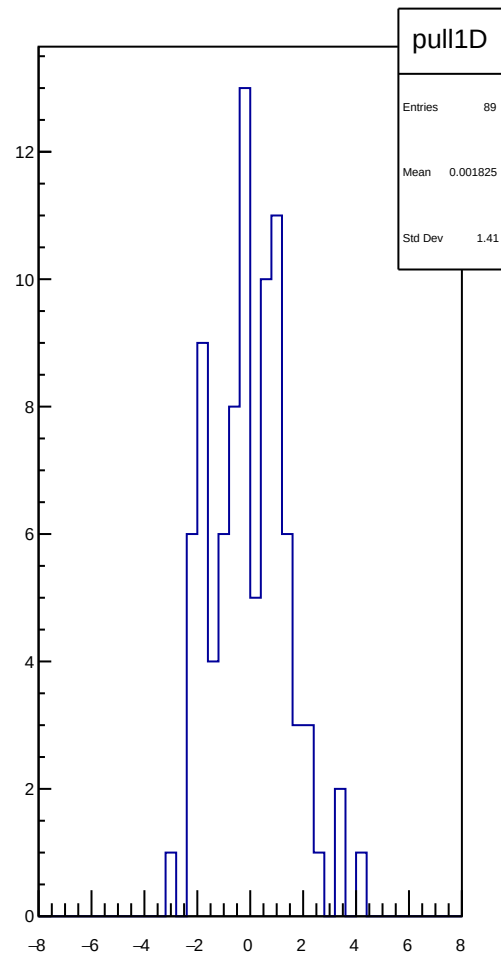
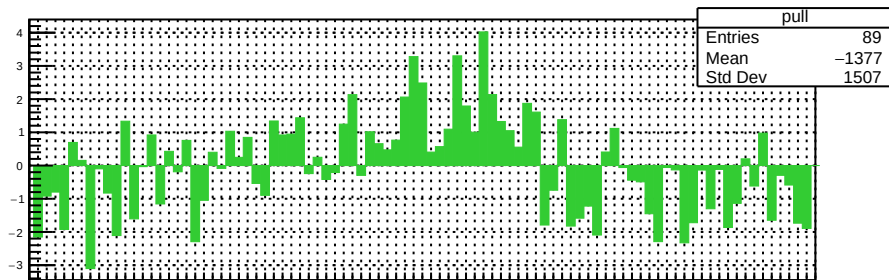
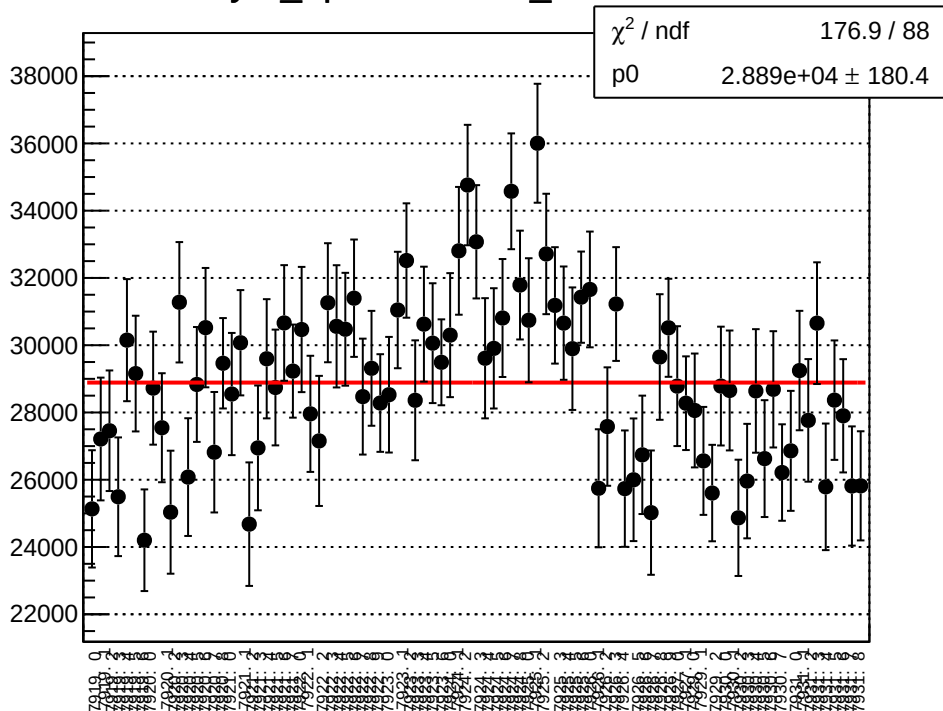


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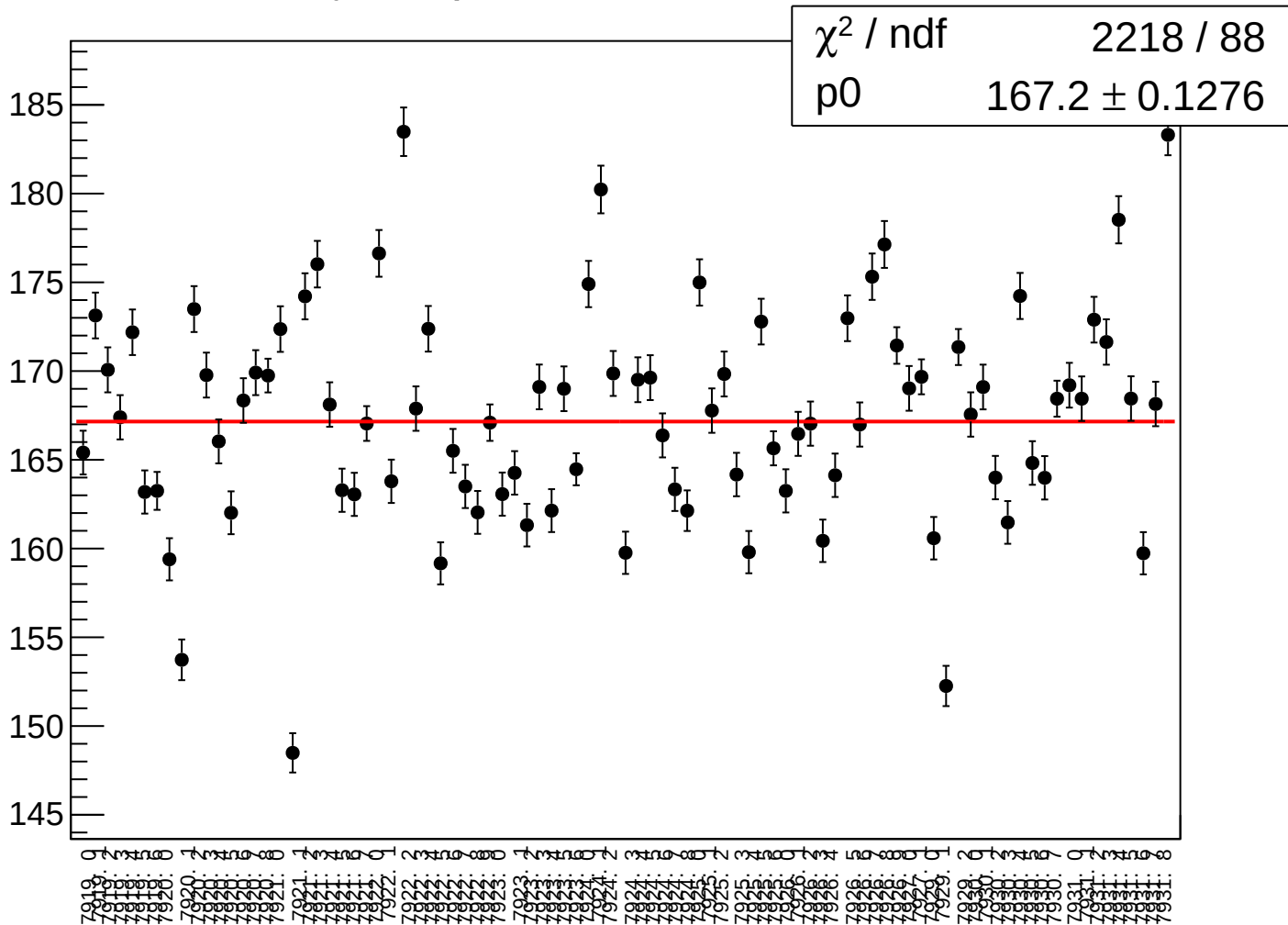
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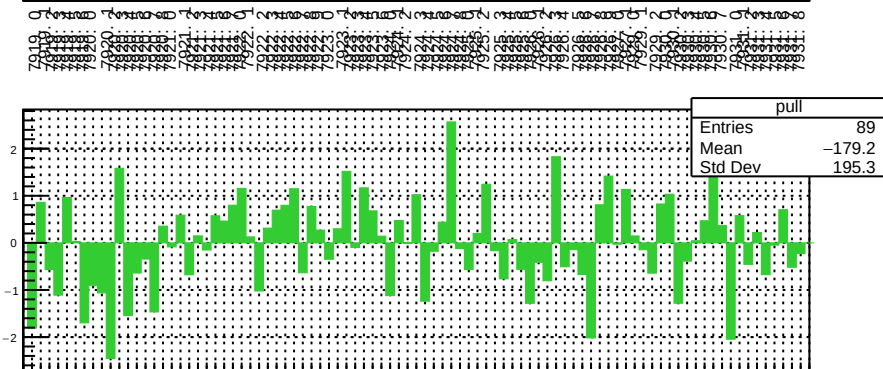
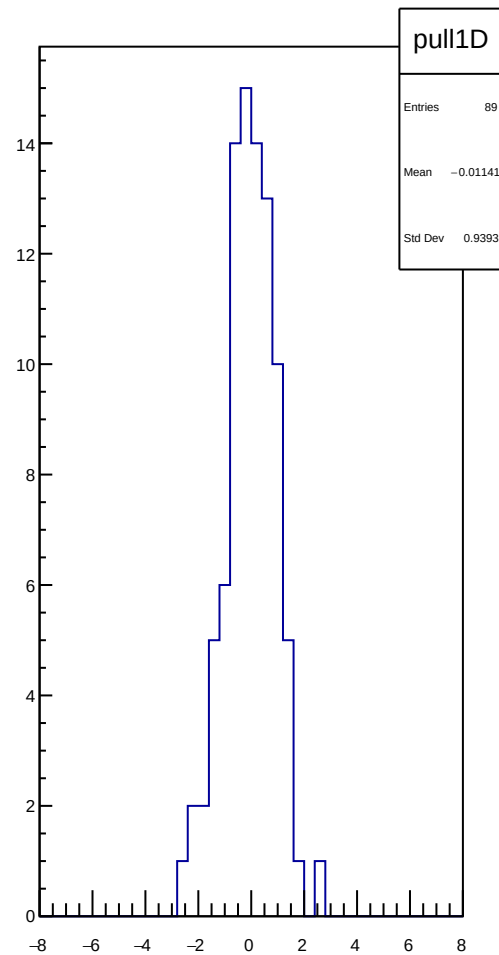
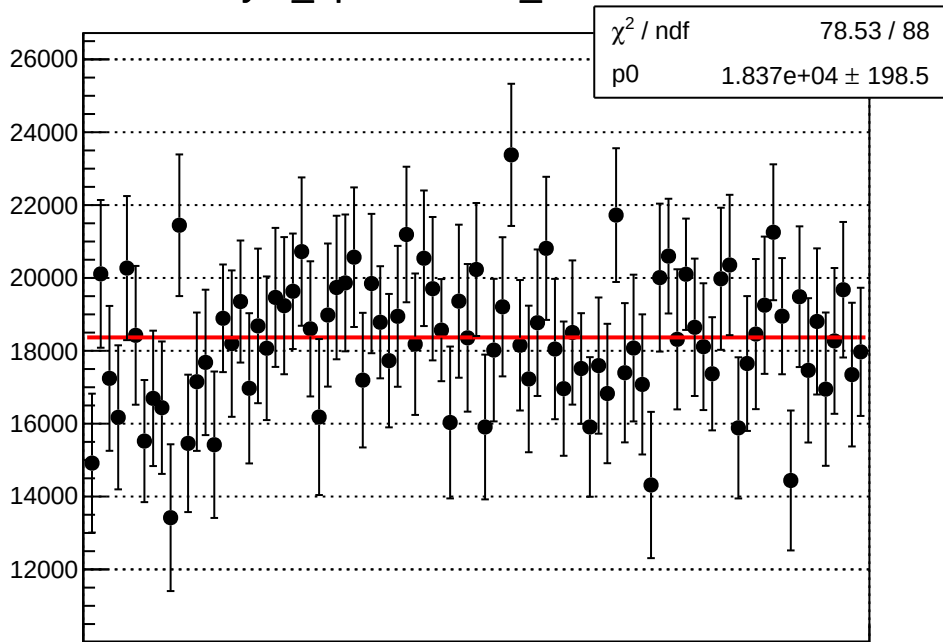
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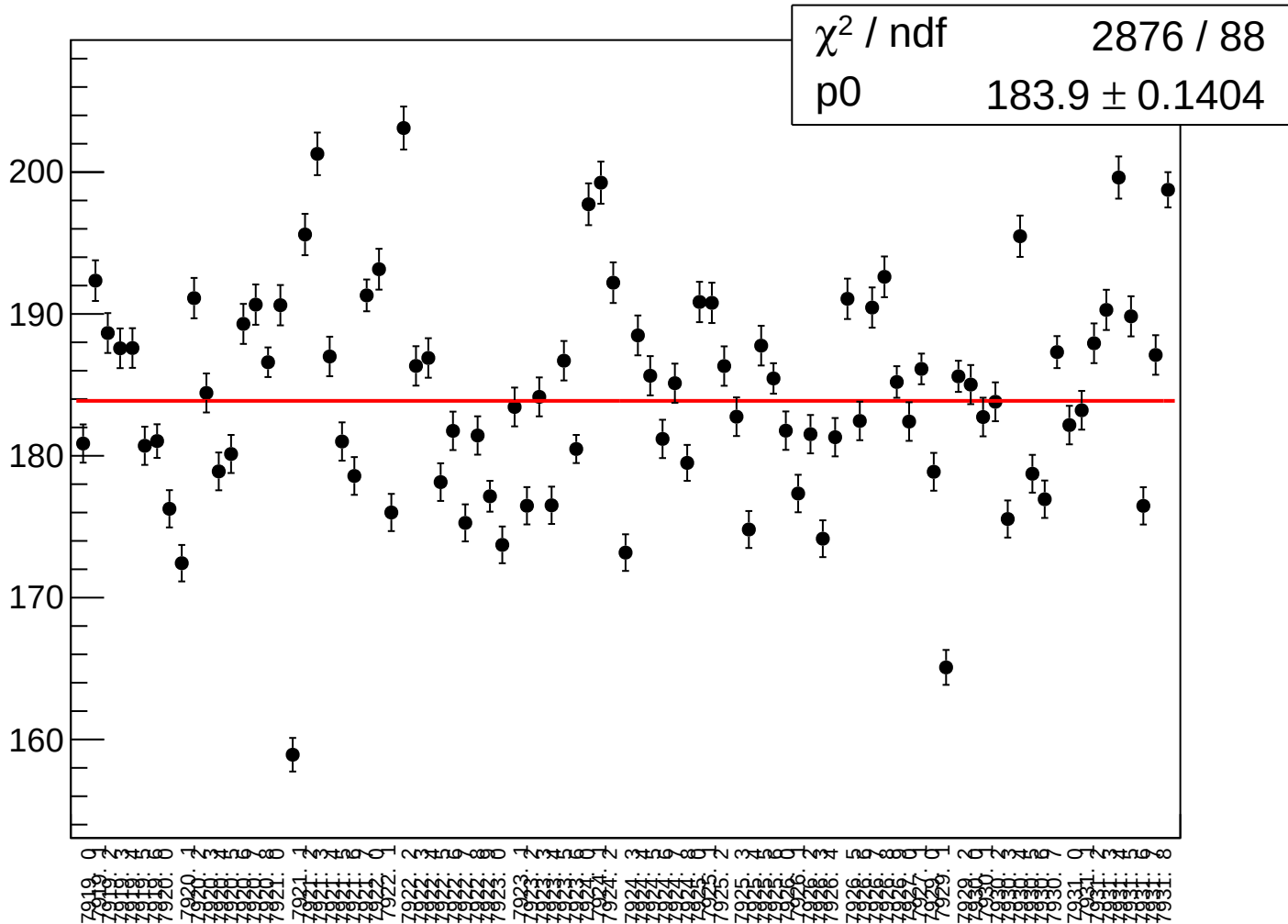
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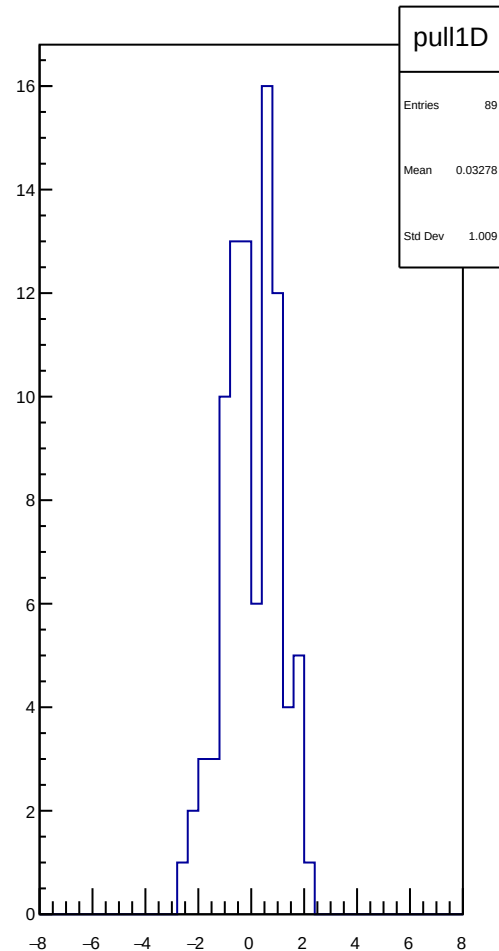
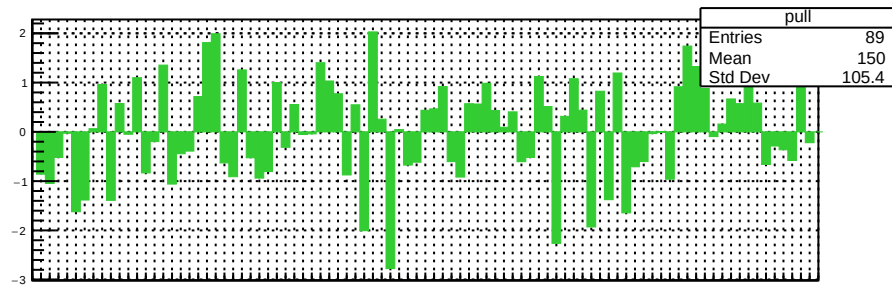
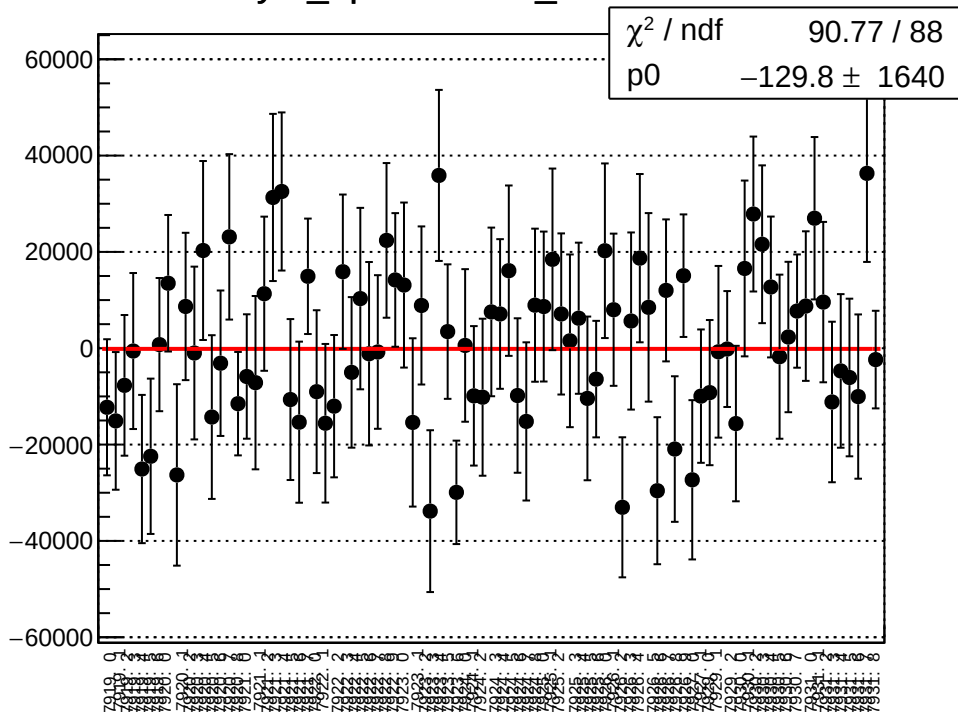
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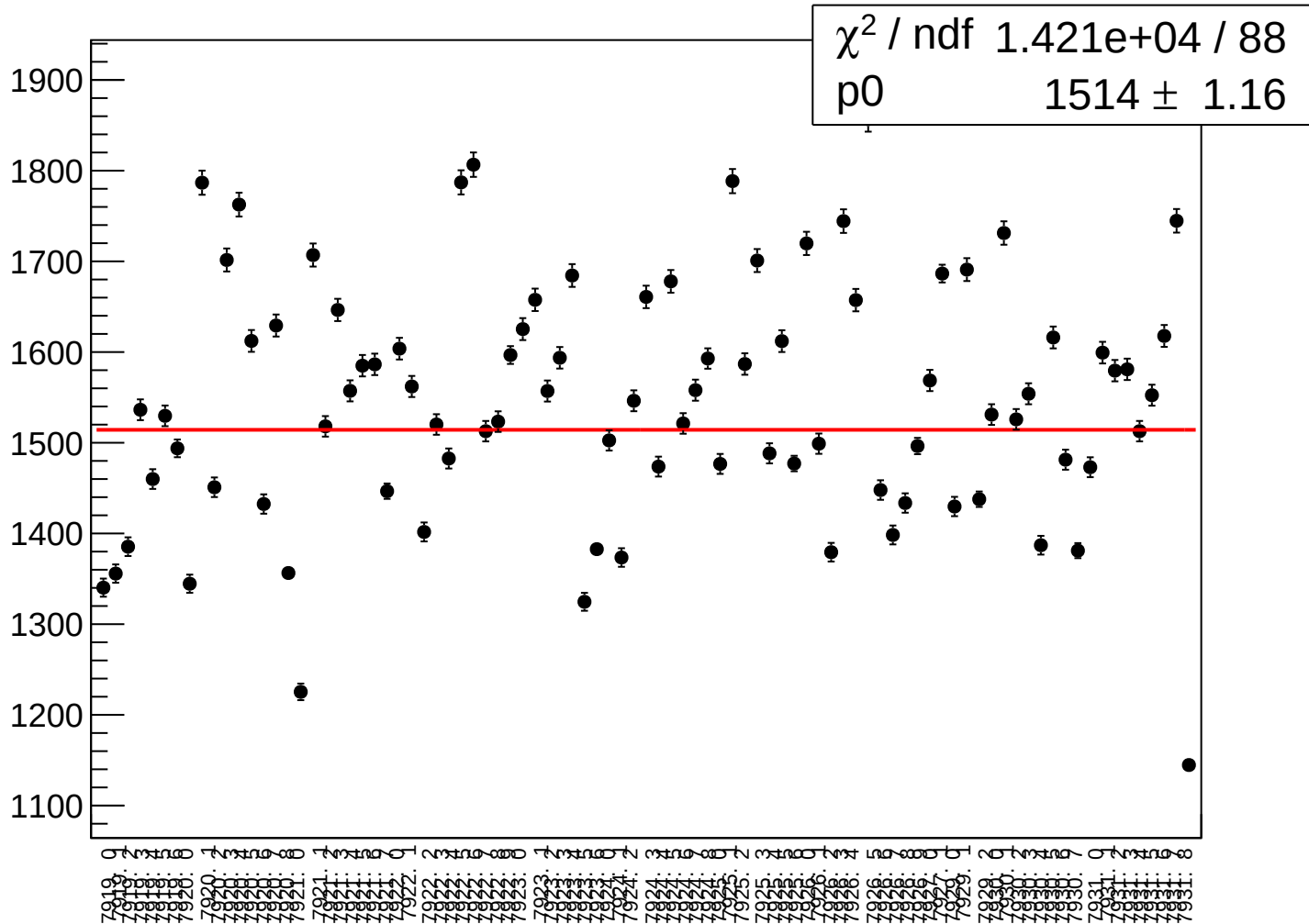
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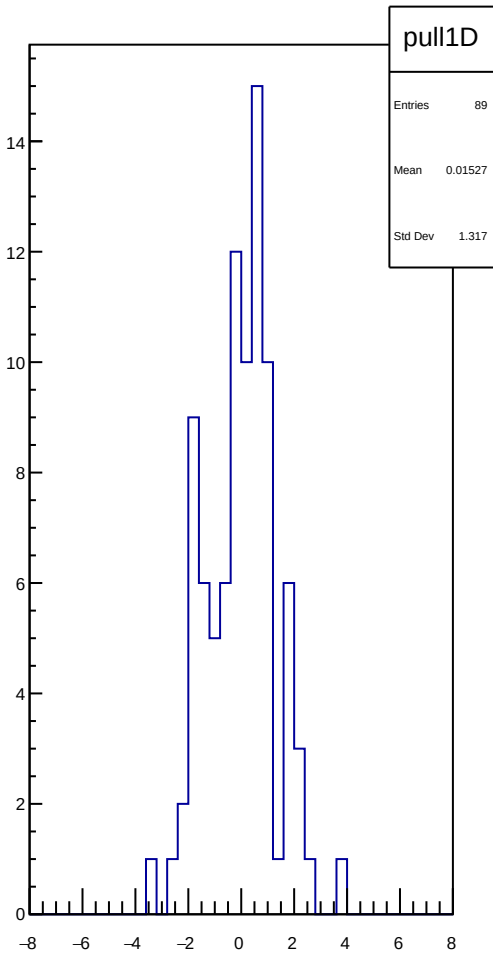
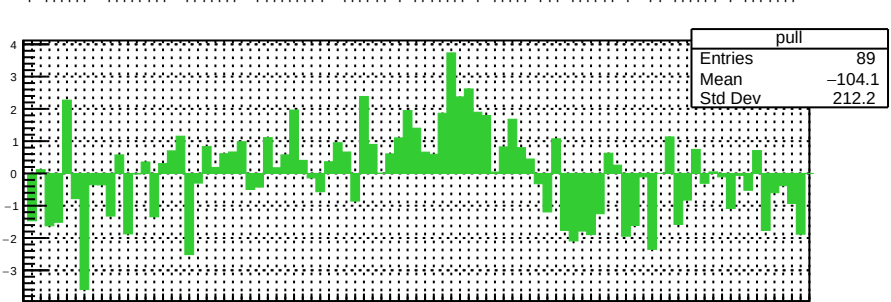
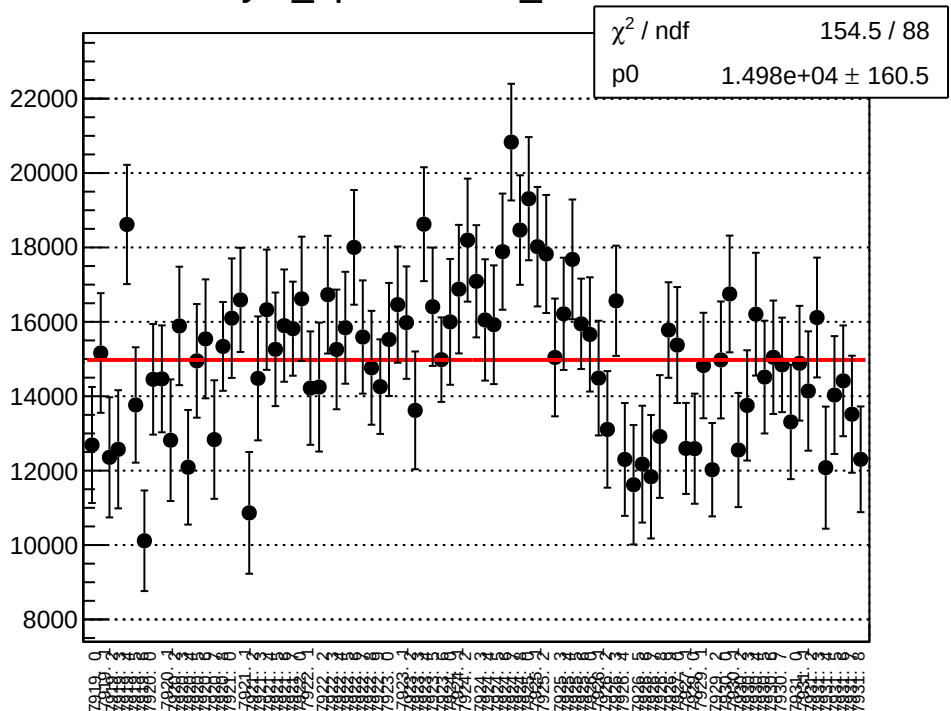
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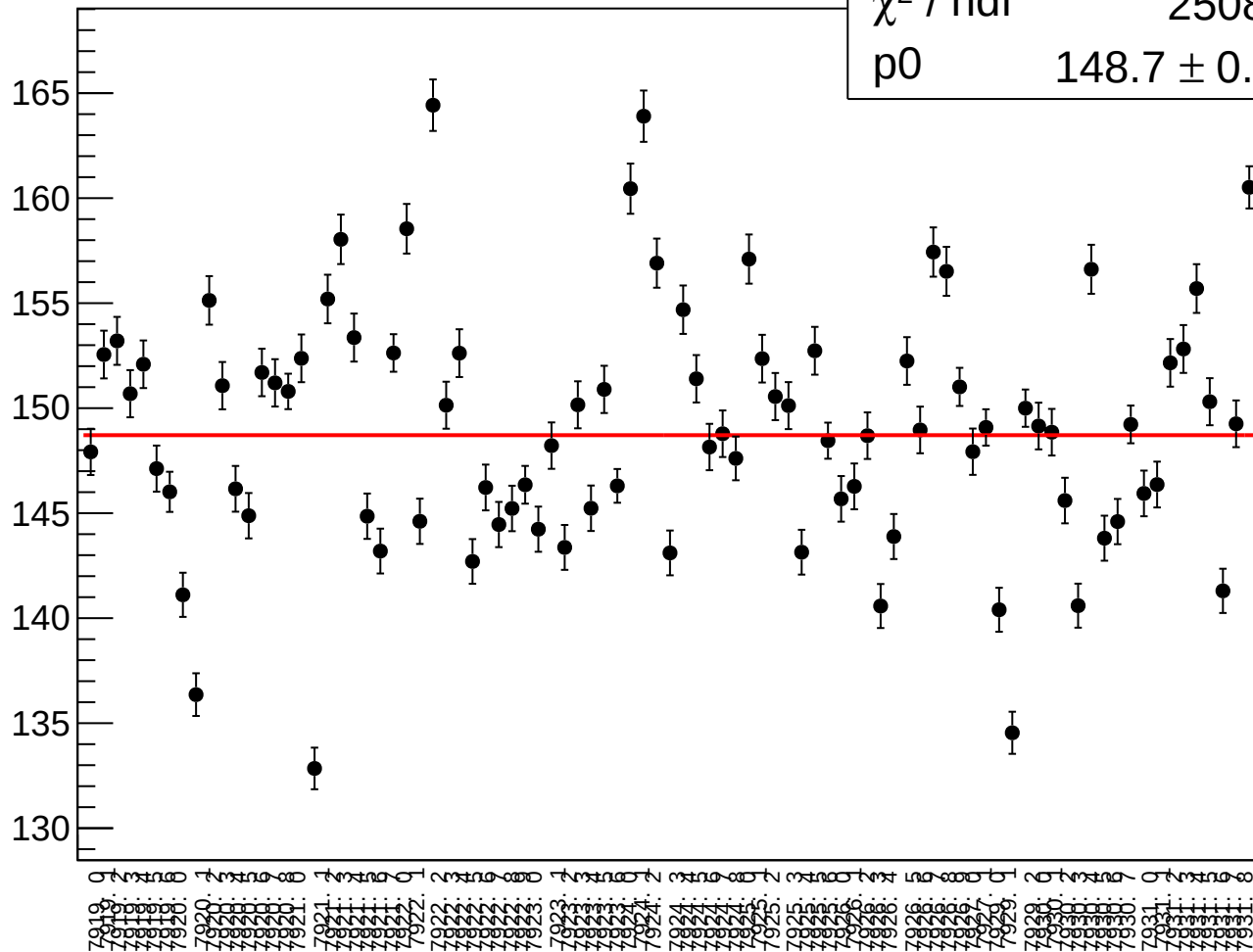
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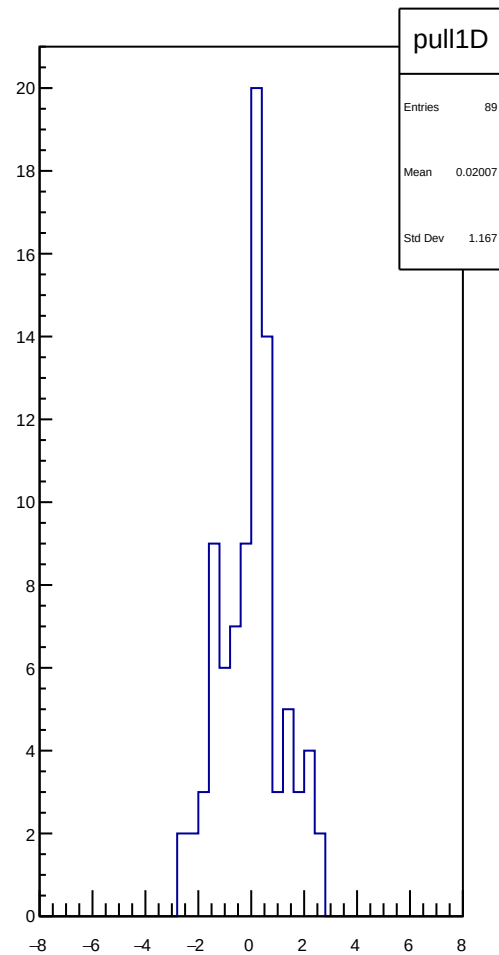
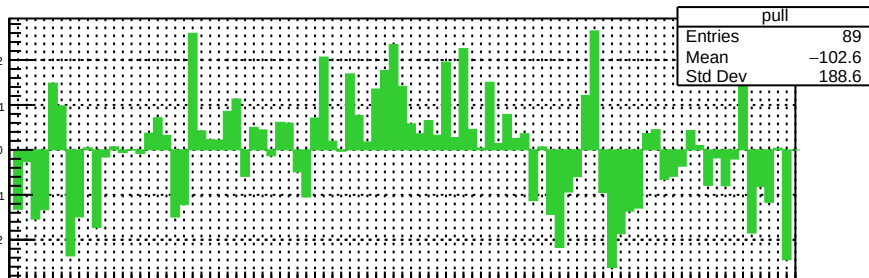
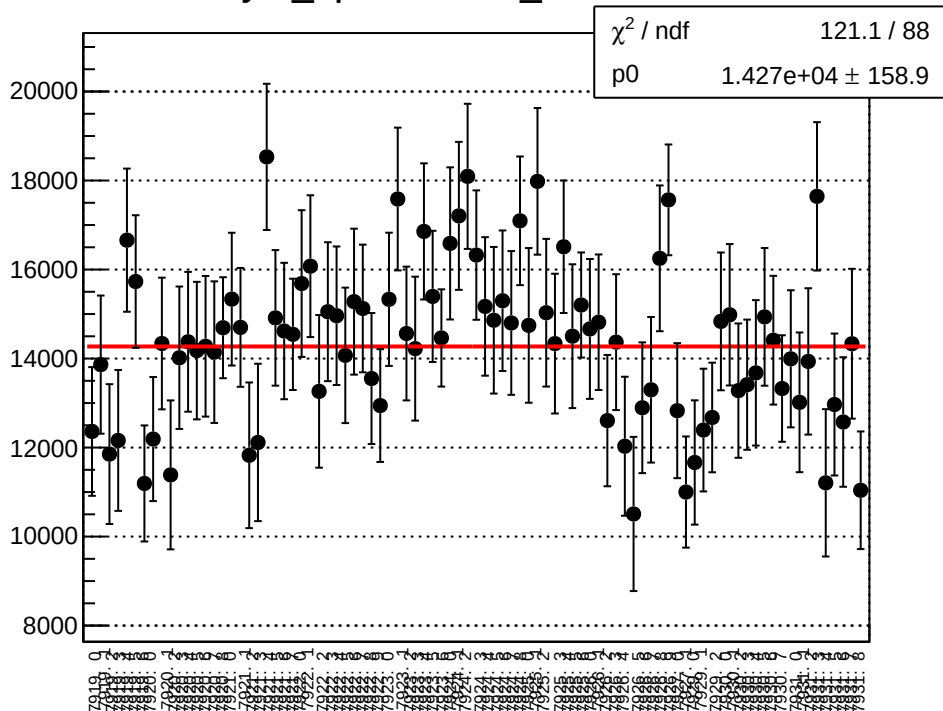
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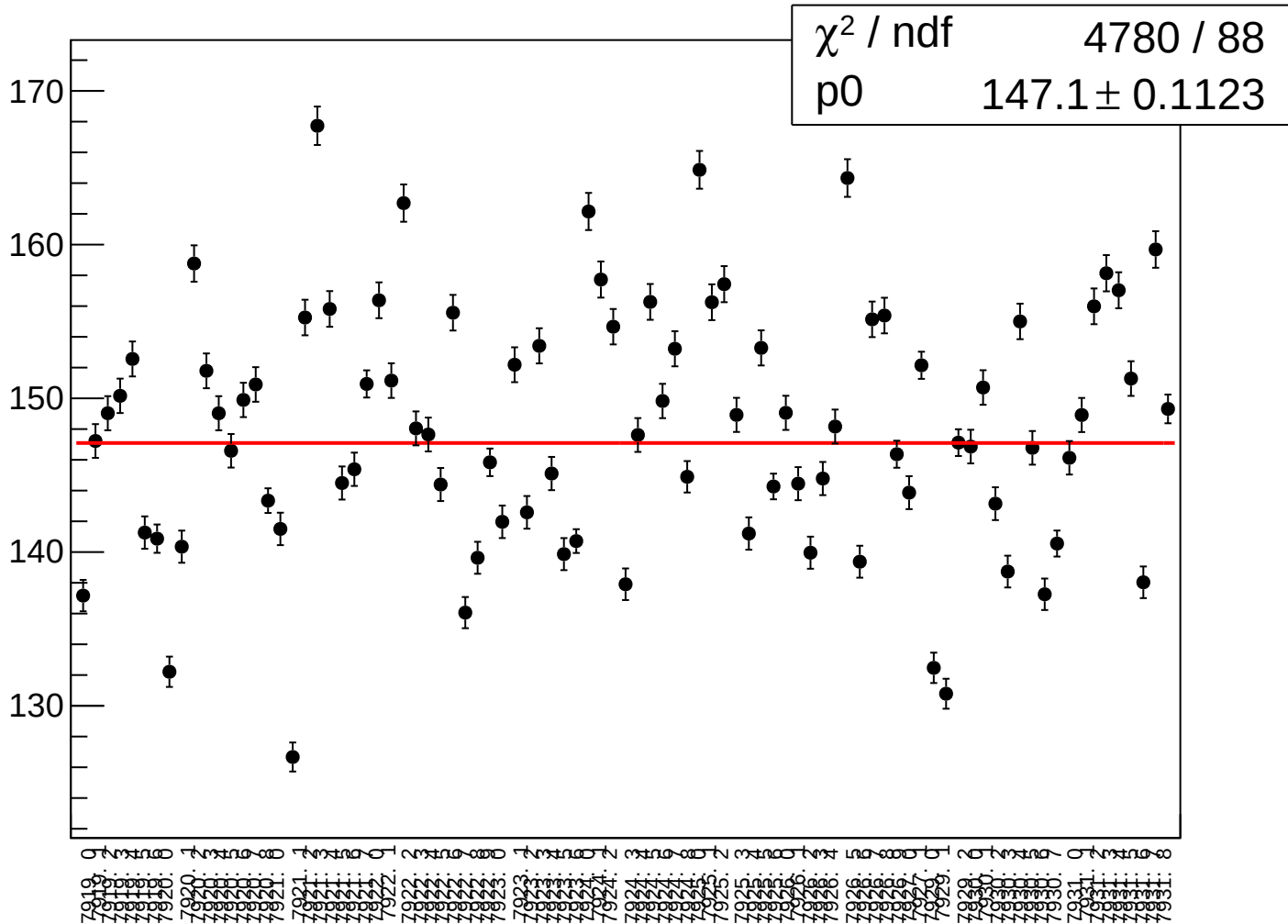
χ^2 / ndf	2508 / 88
p0	148.7 ± 0.1135



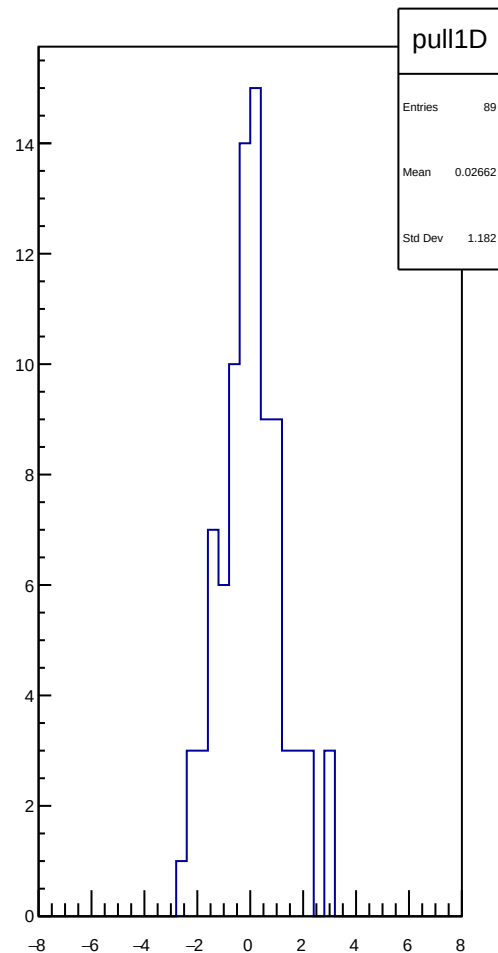
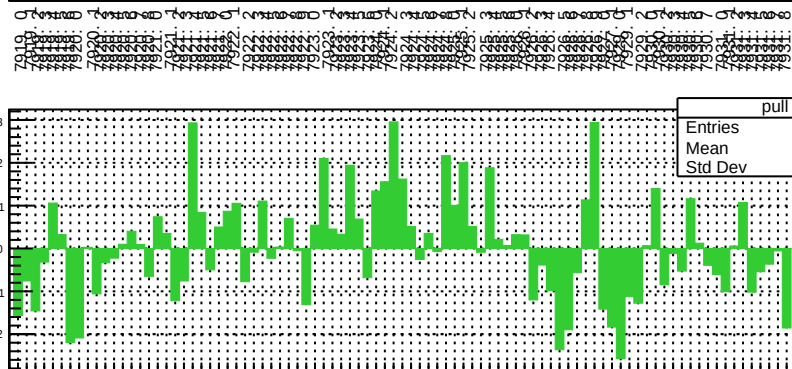
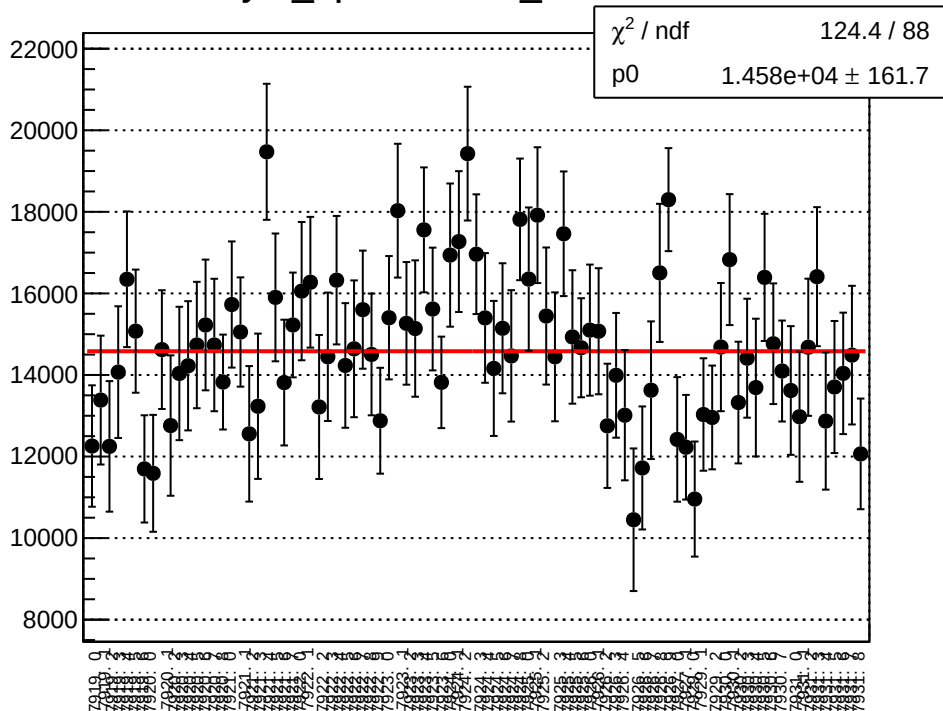
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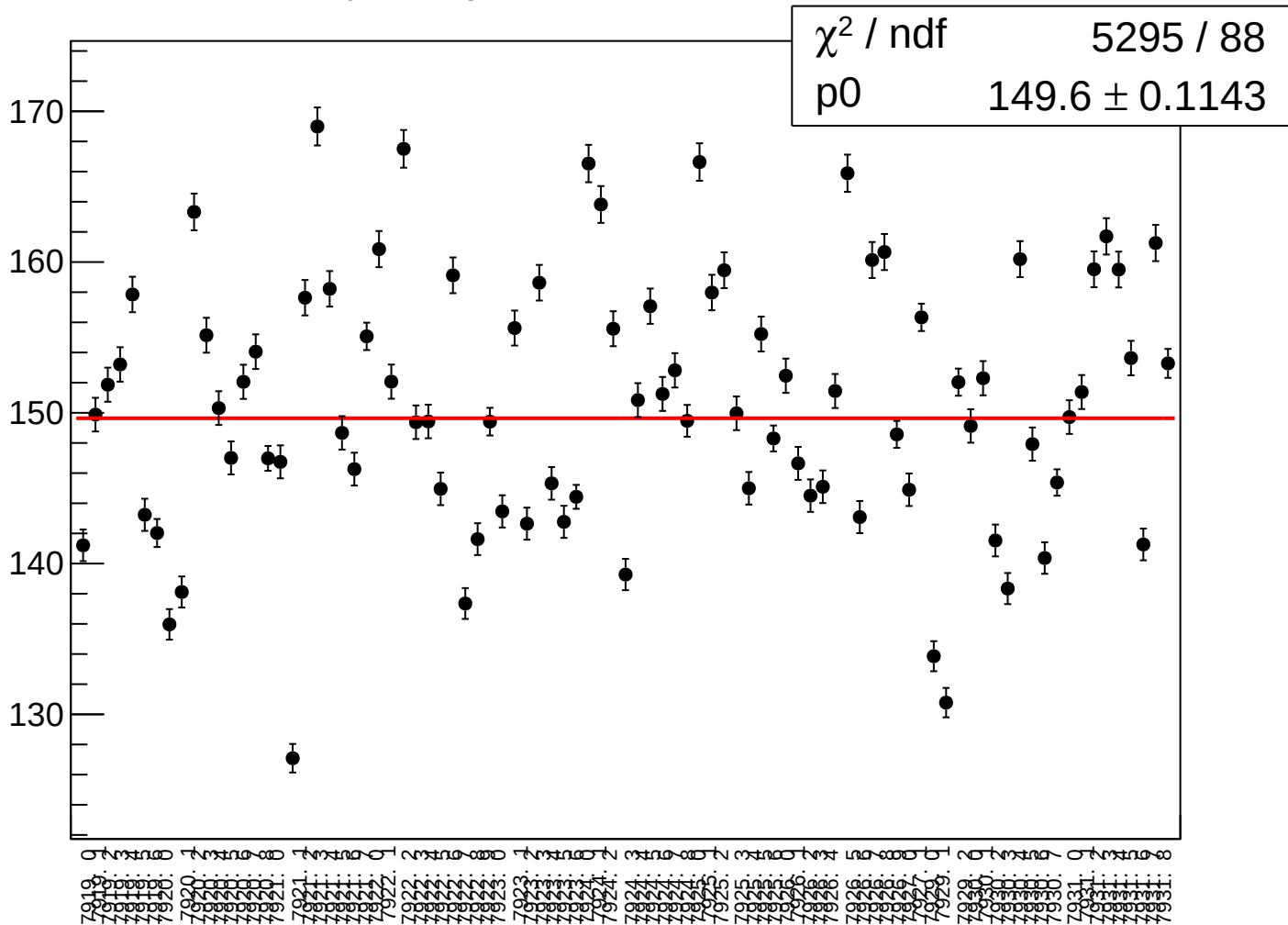
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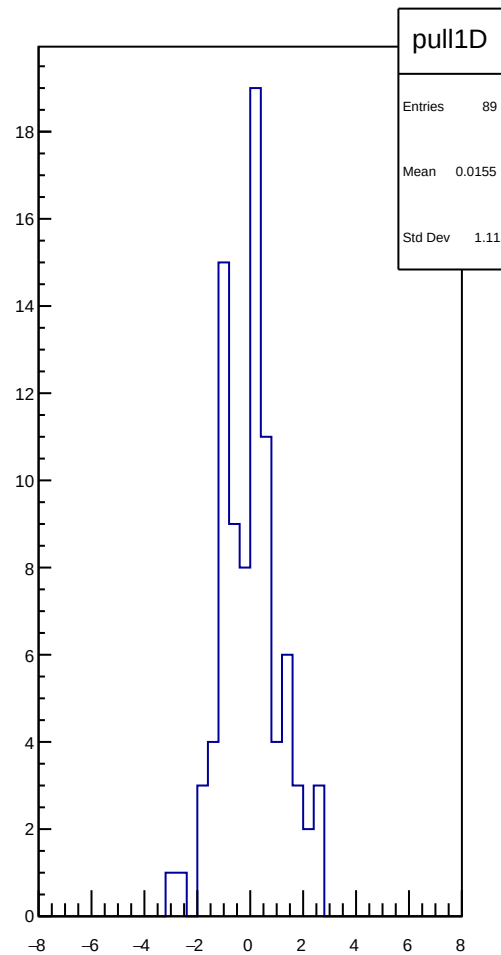
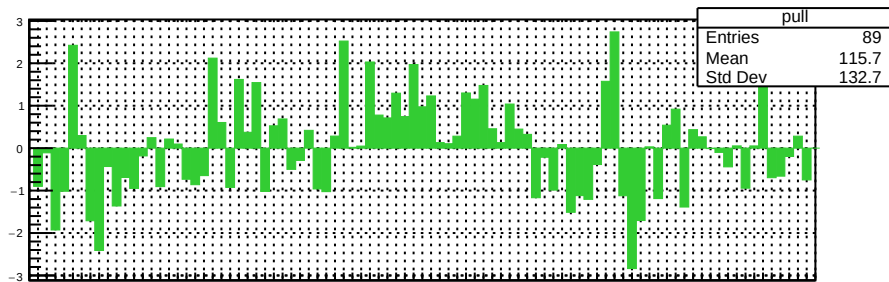
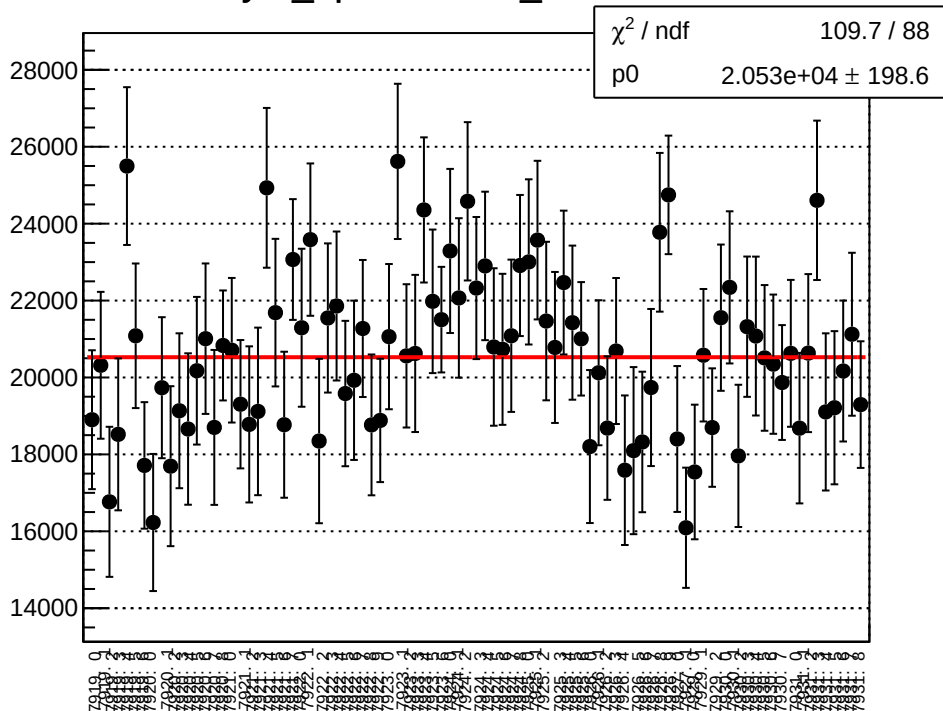
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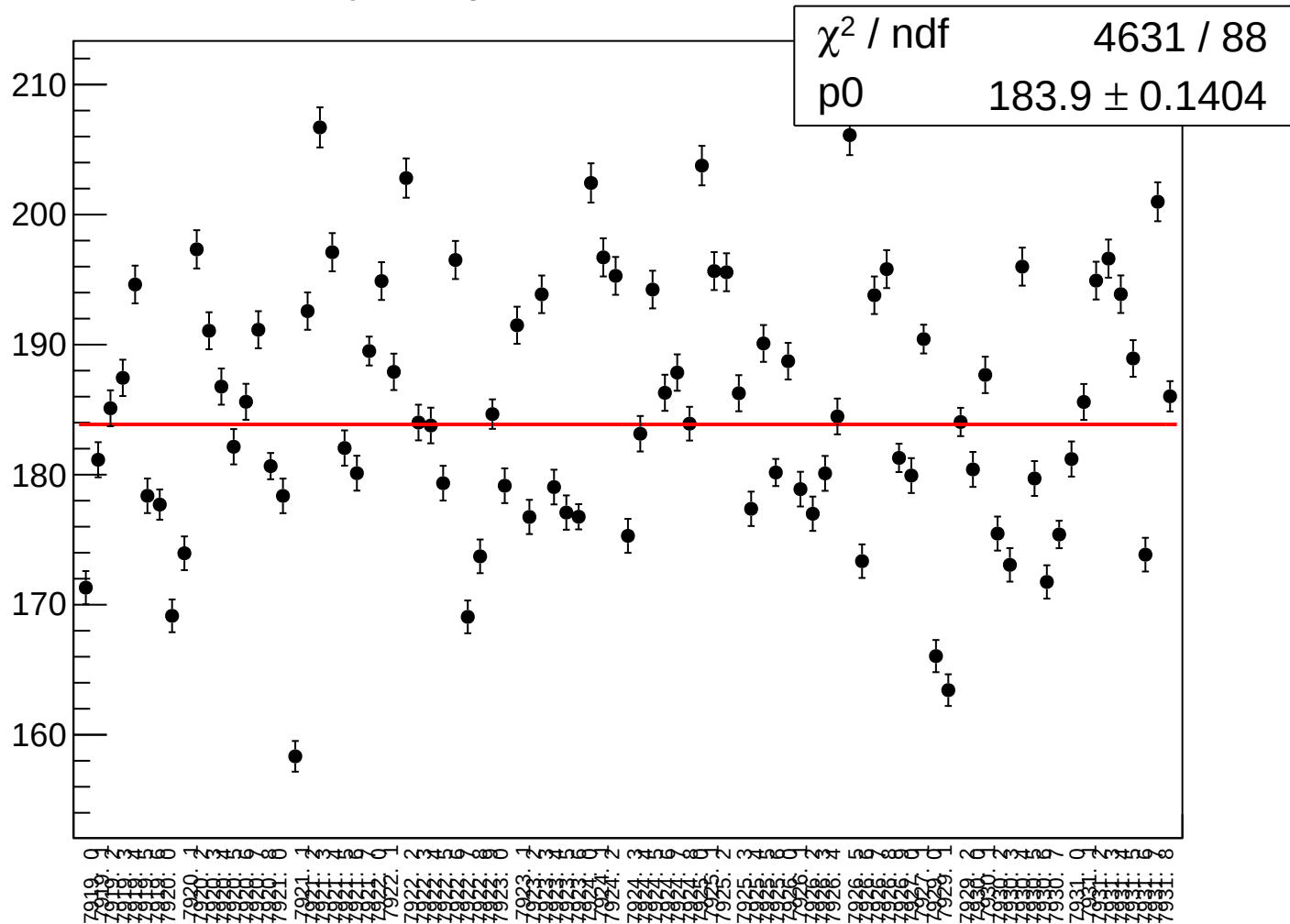
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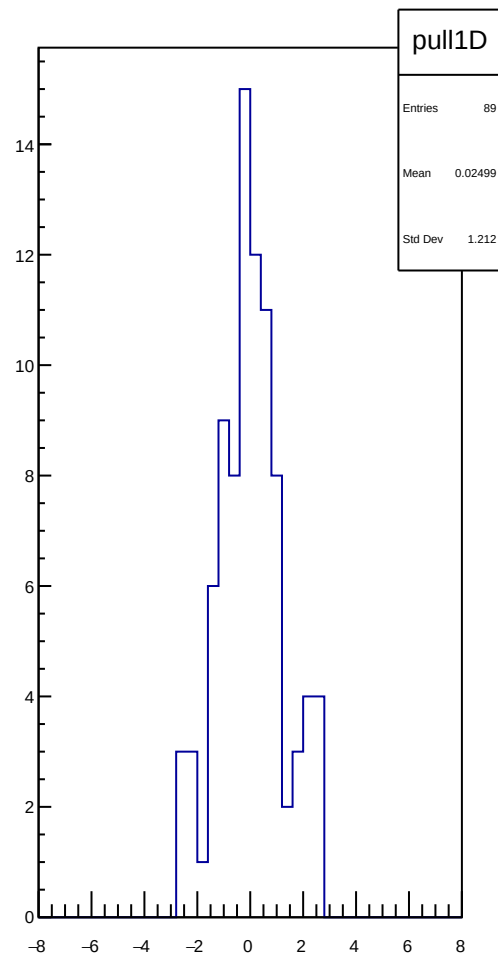
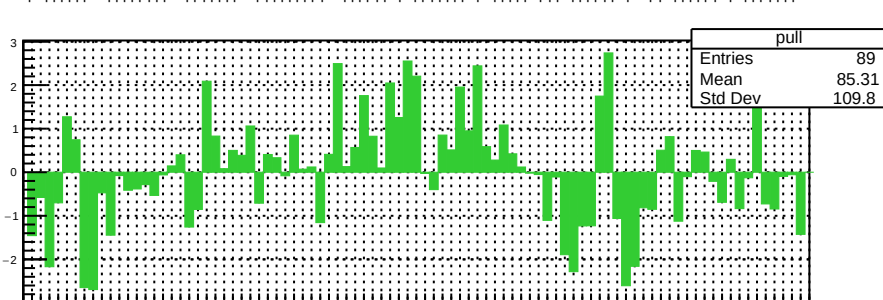
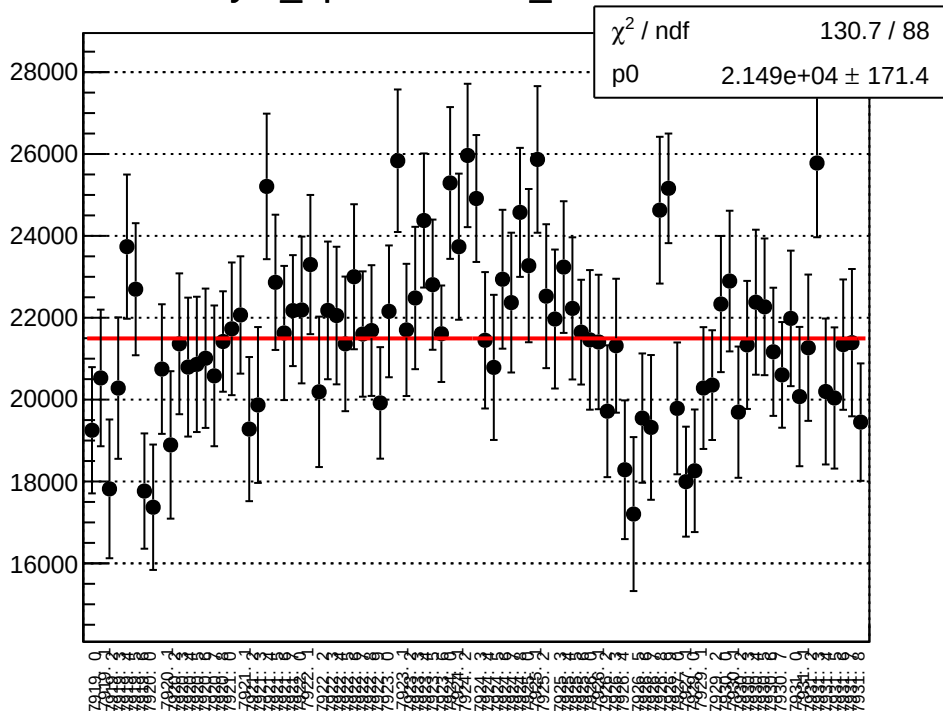
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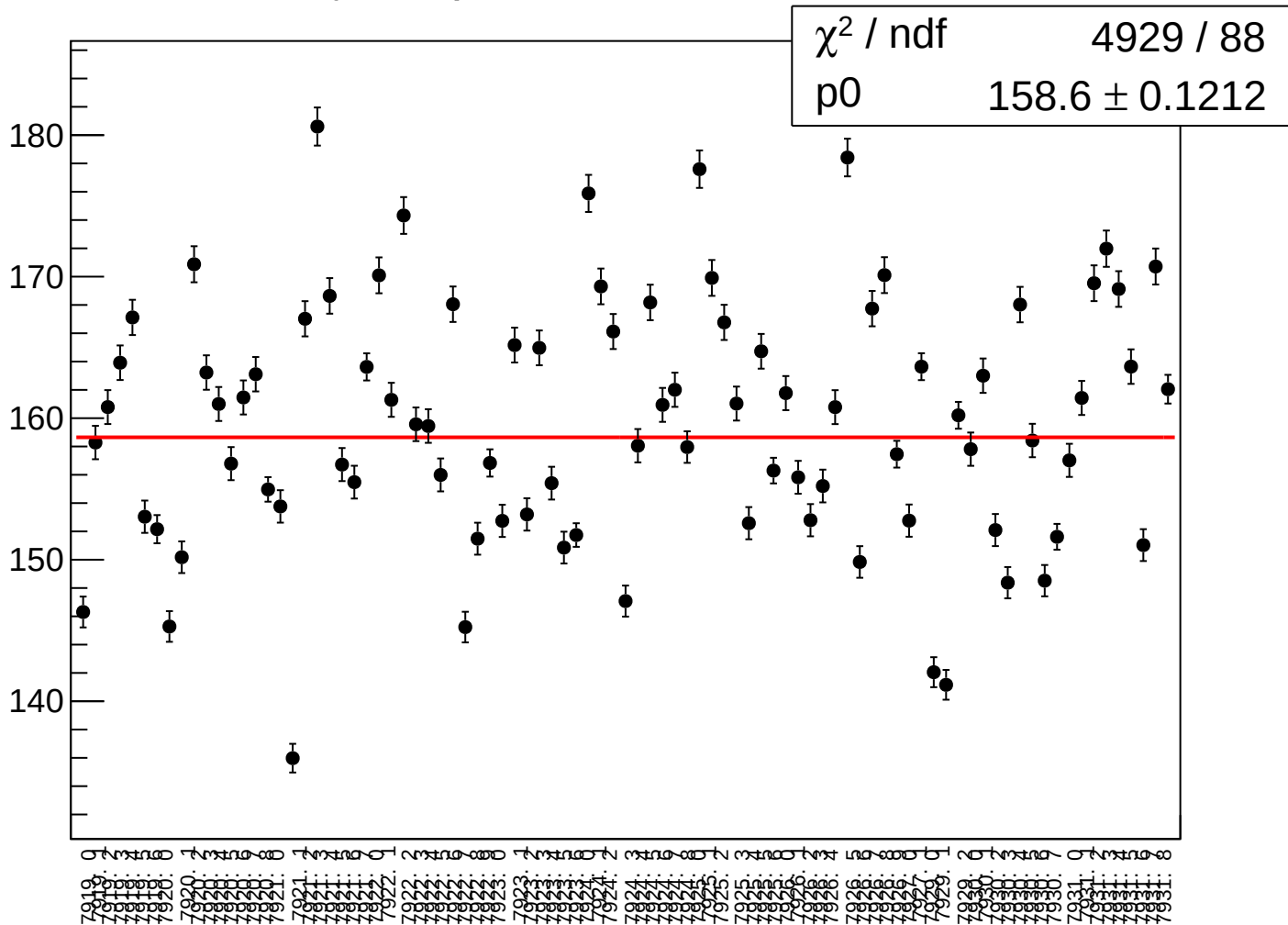
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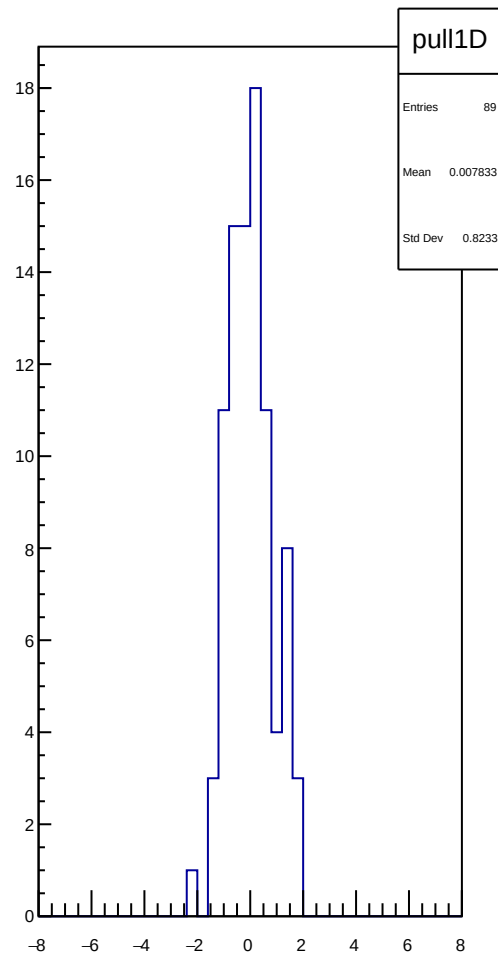
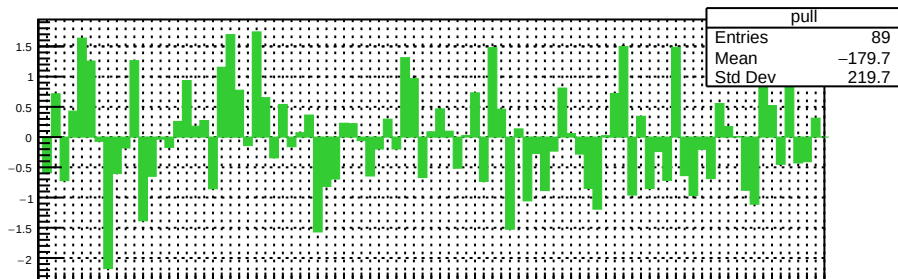
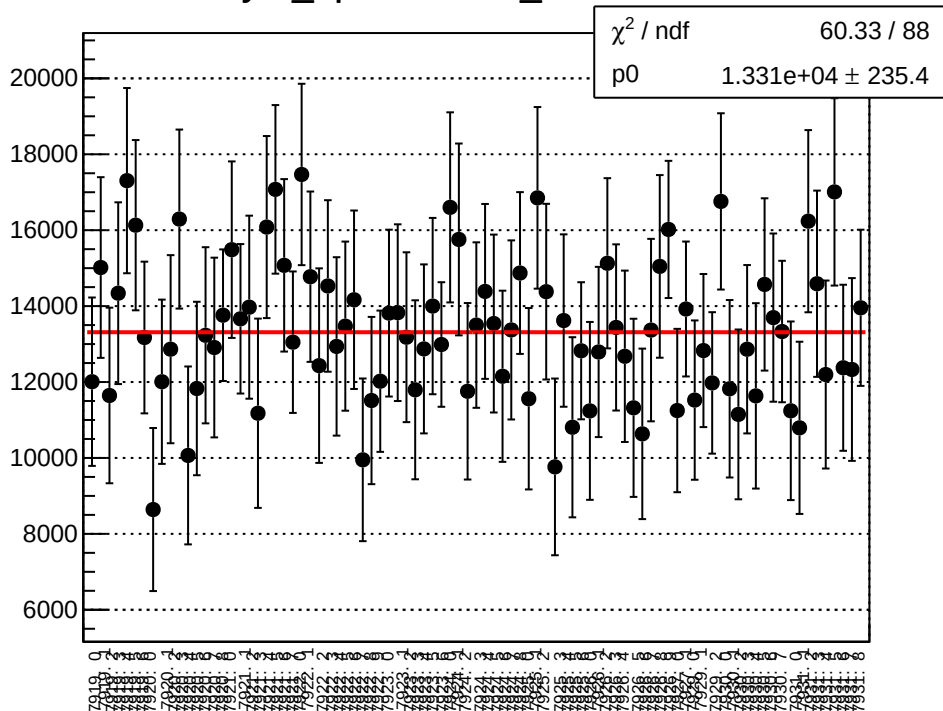
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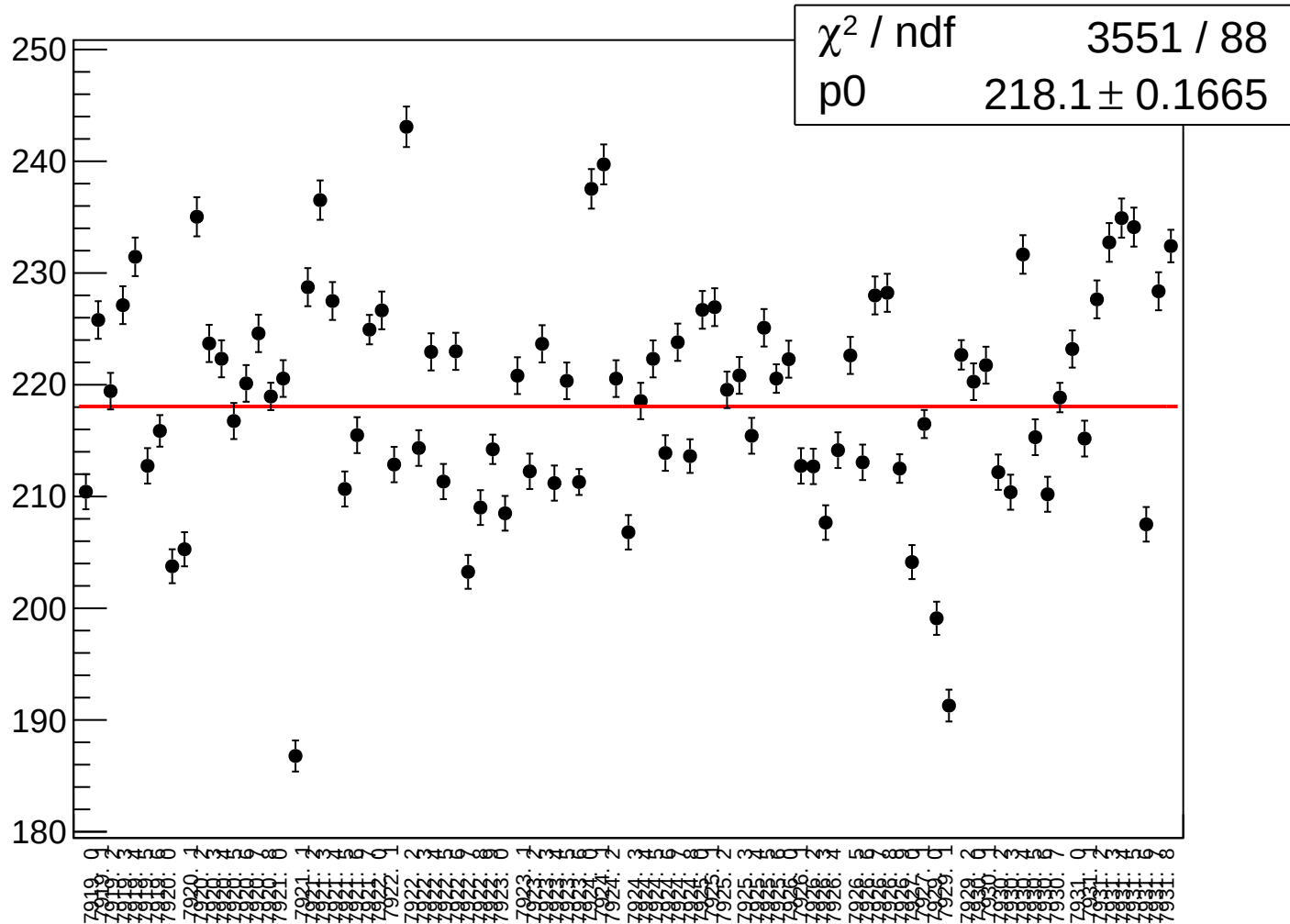
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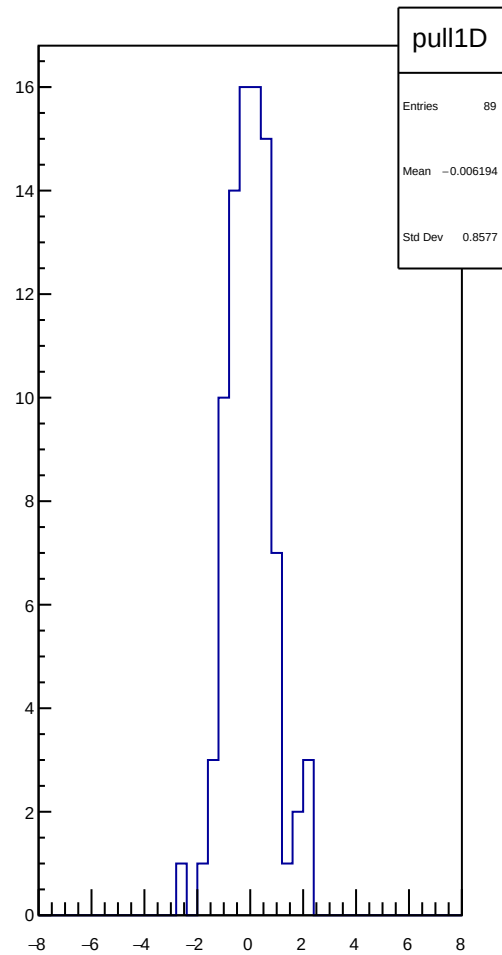
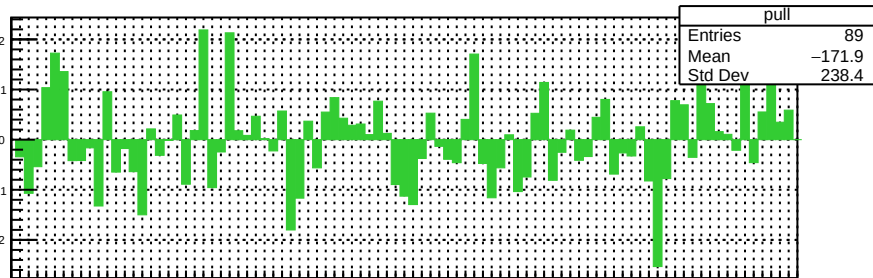
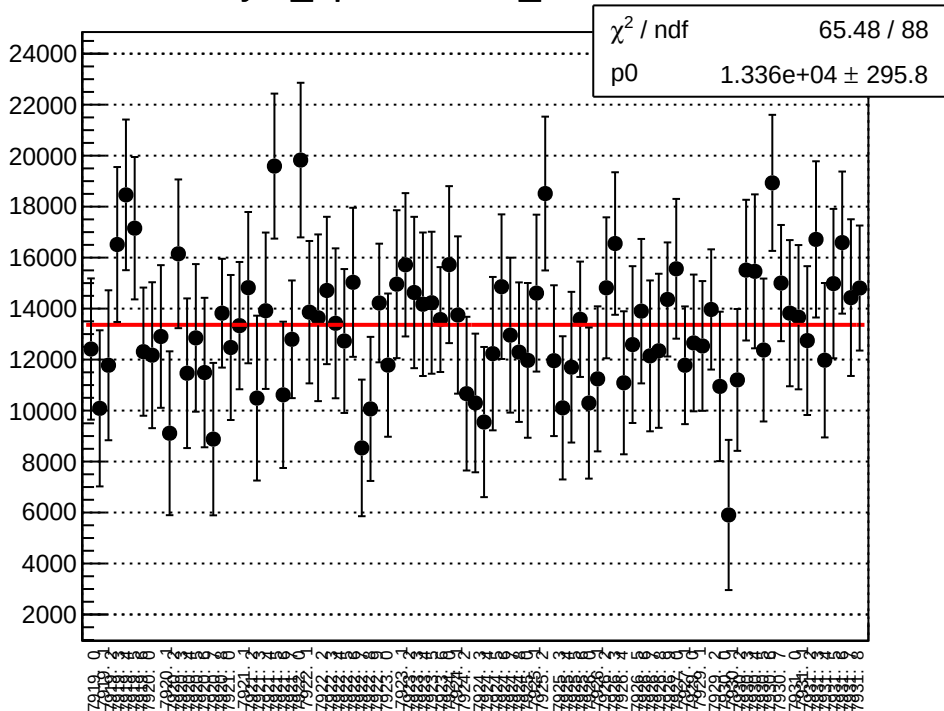
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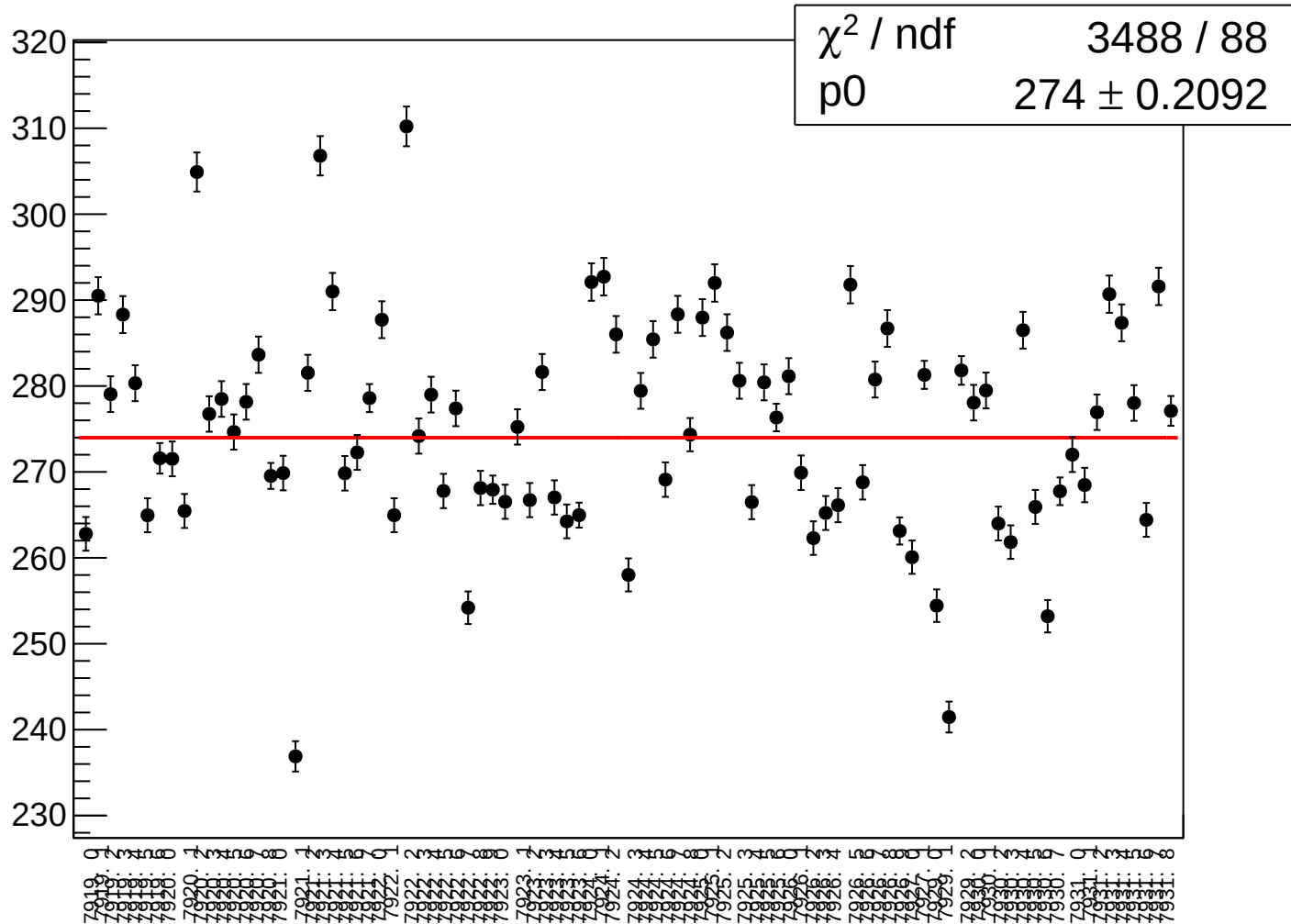
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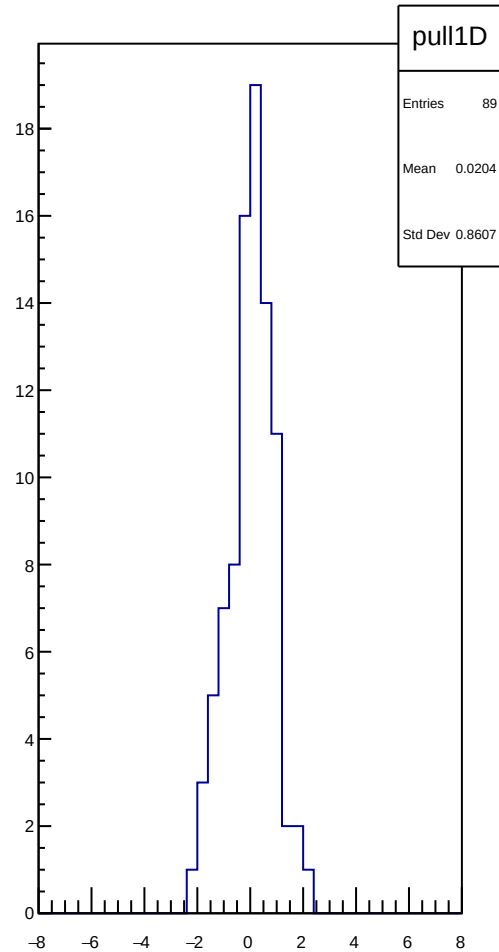
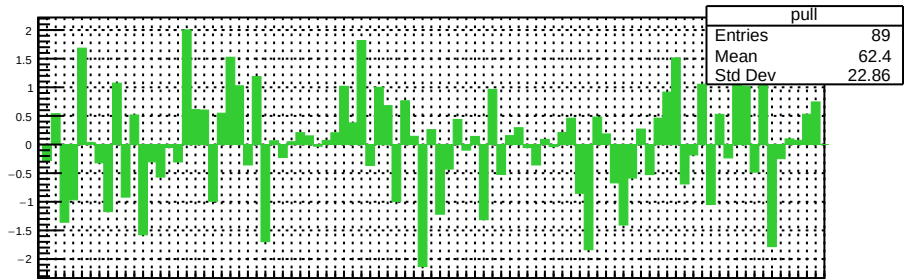
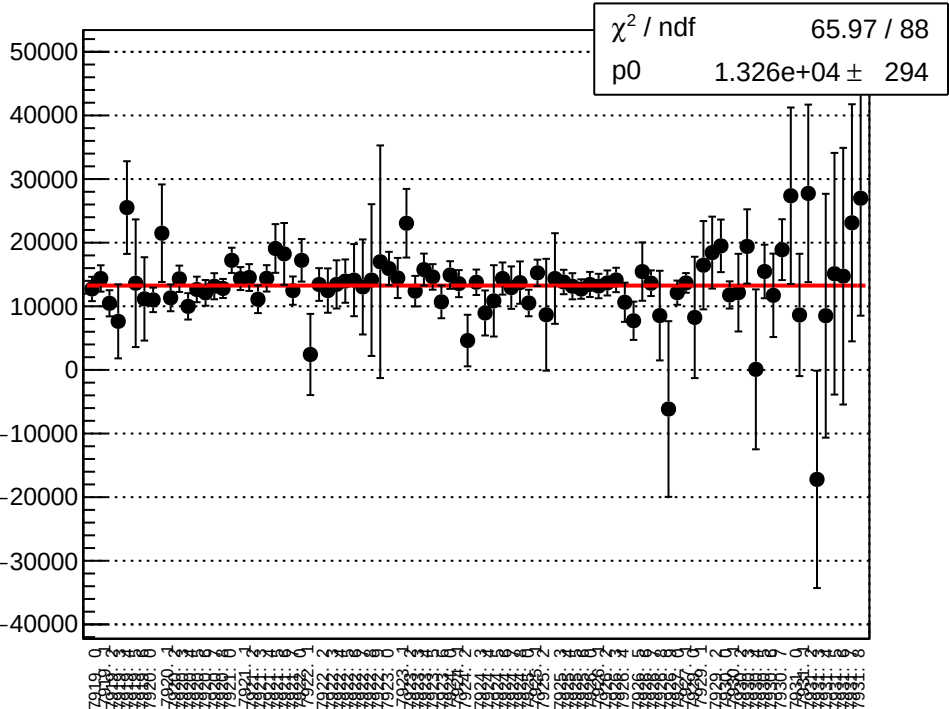
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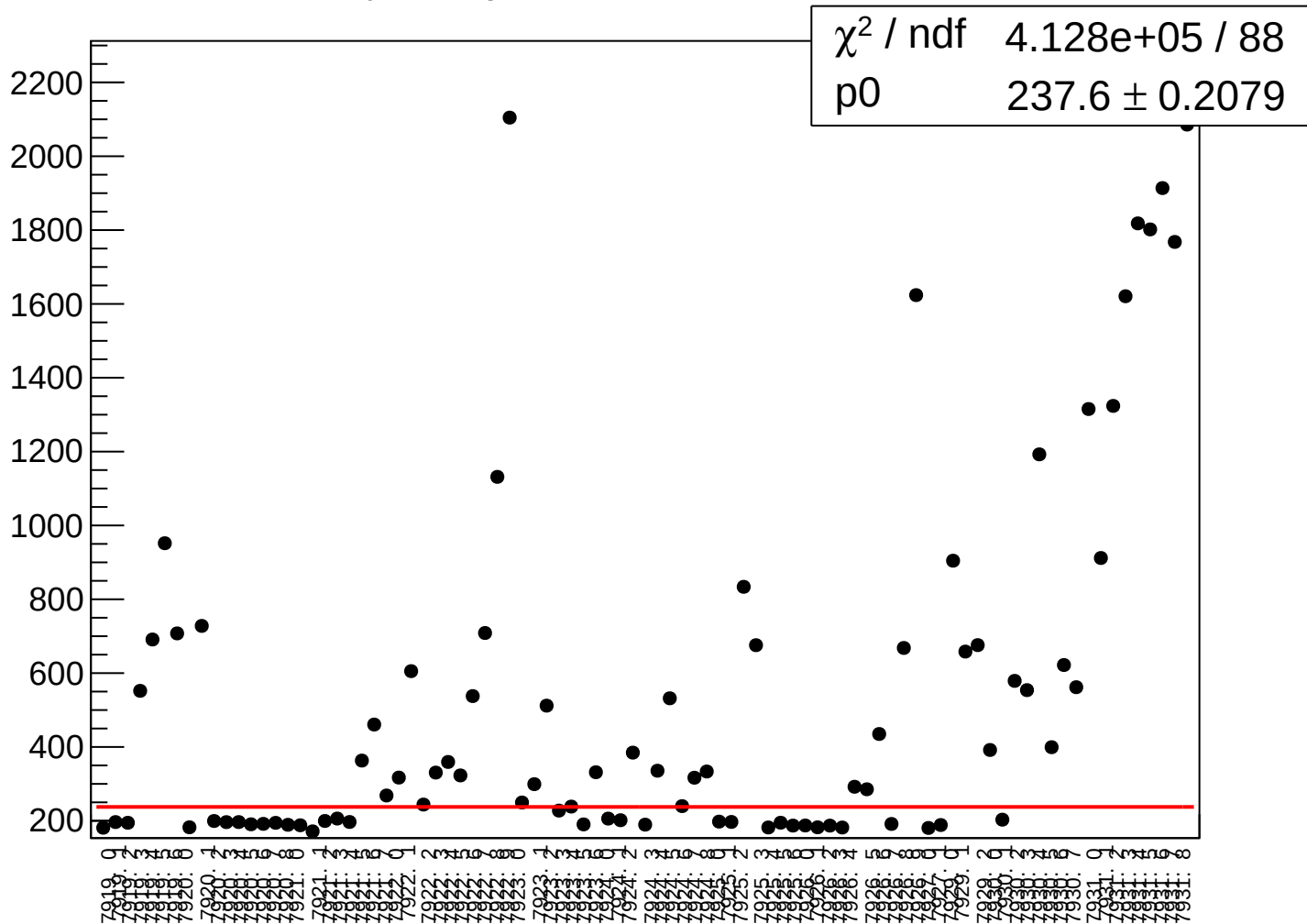
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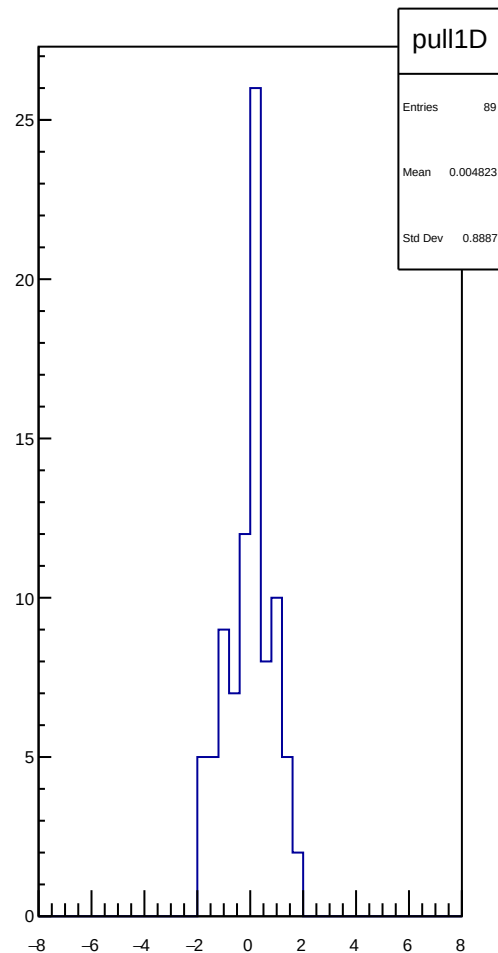
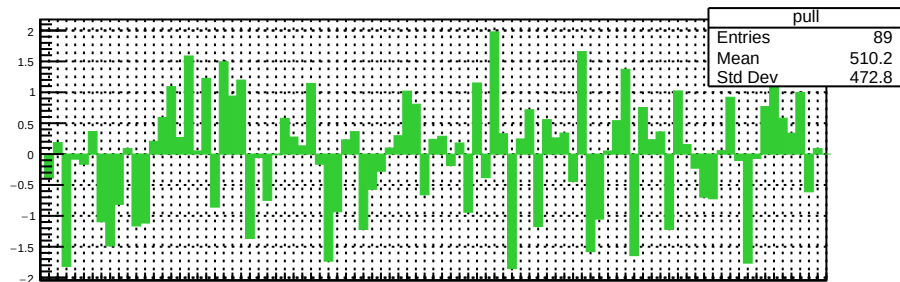
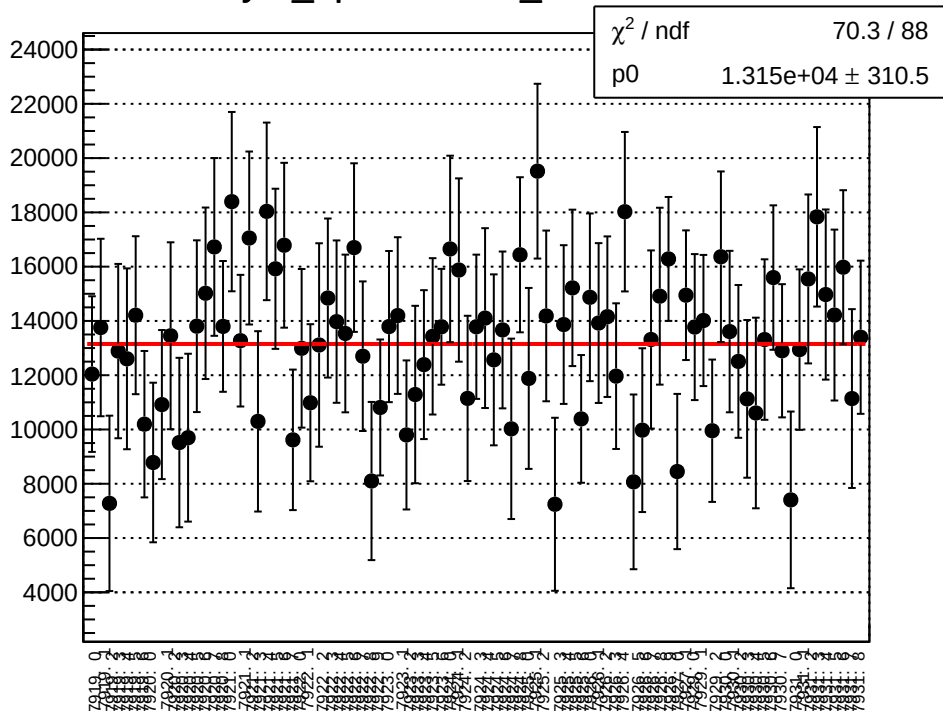
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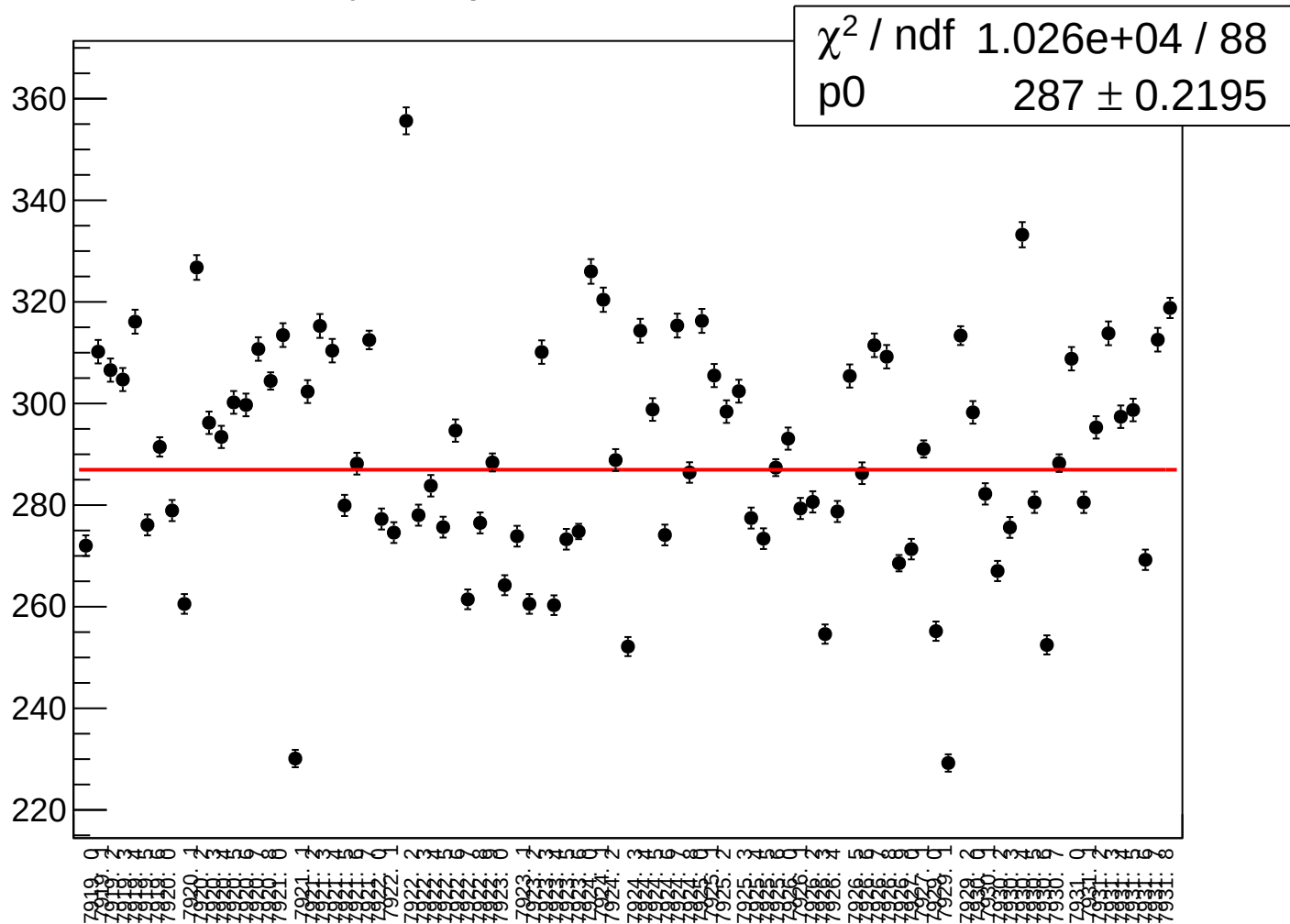
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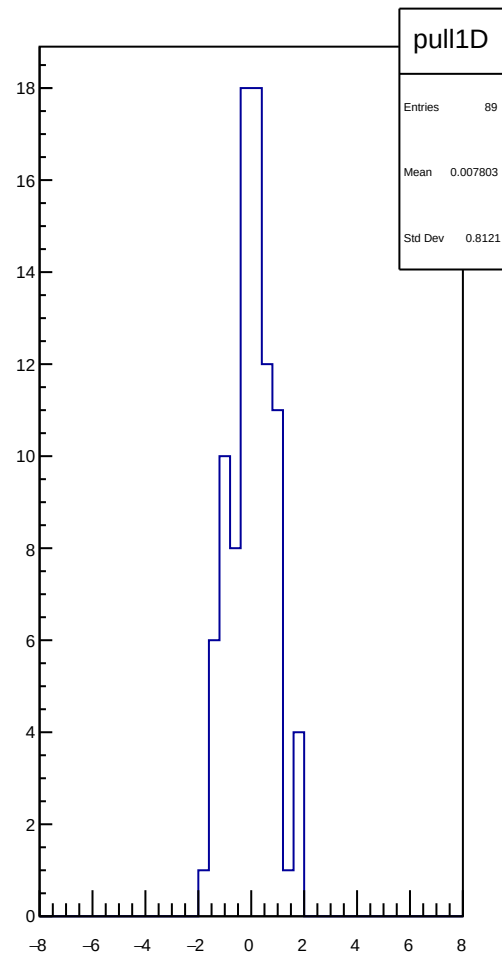
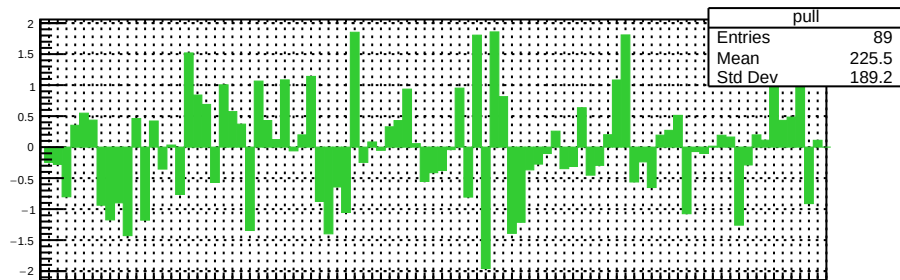
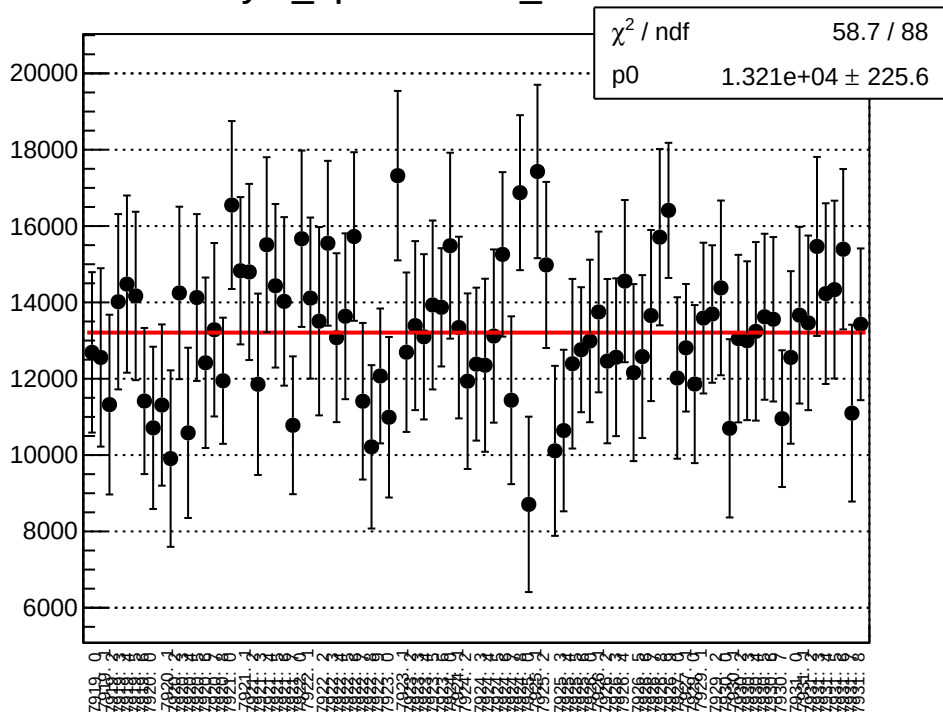
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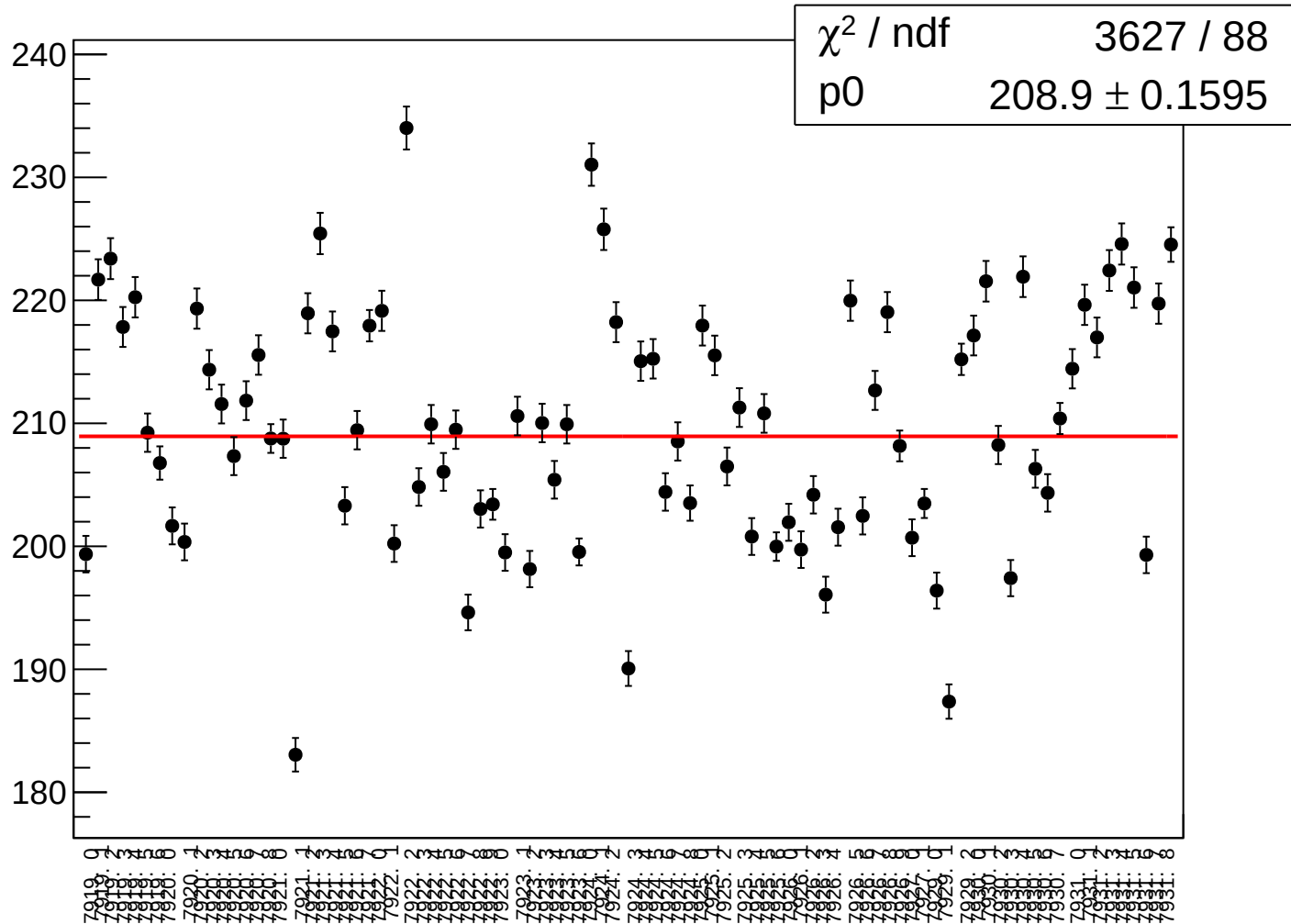
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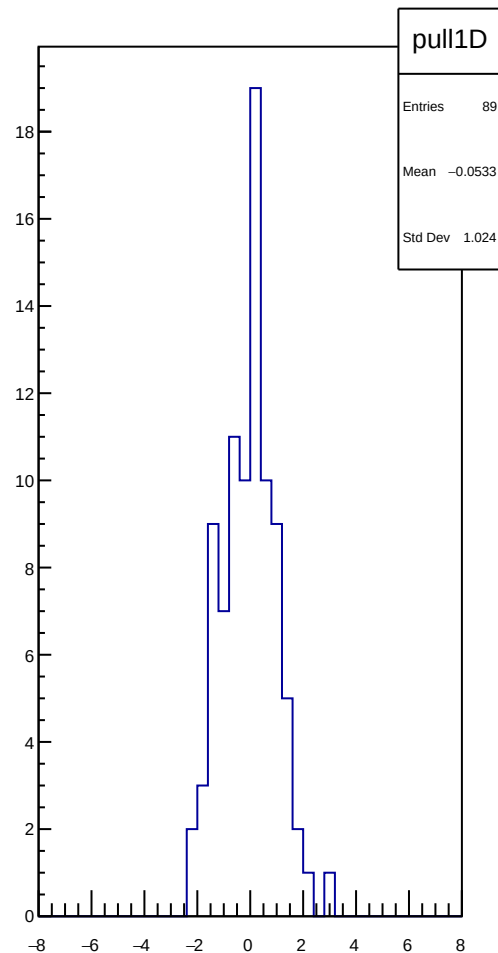
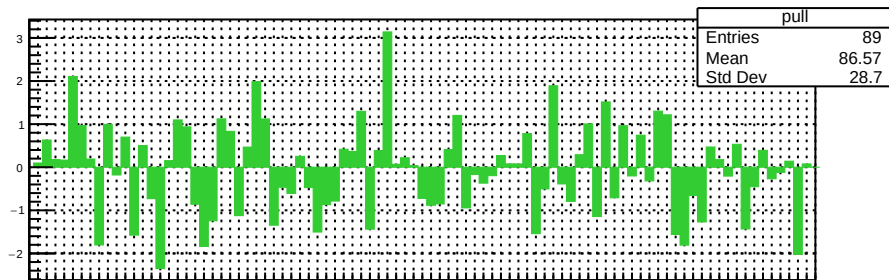
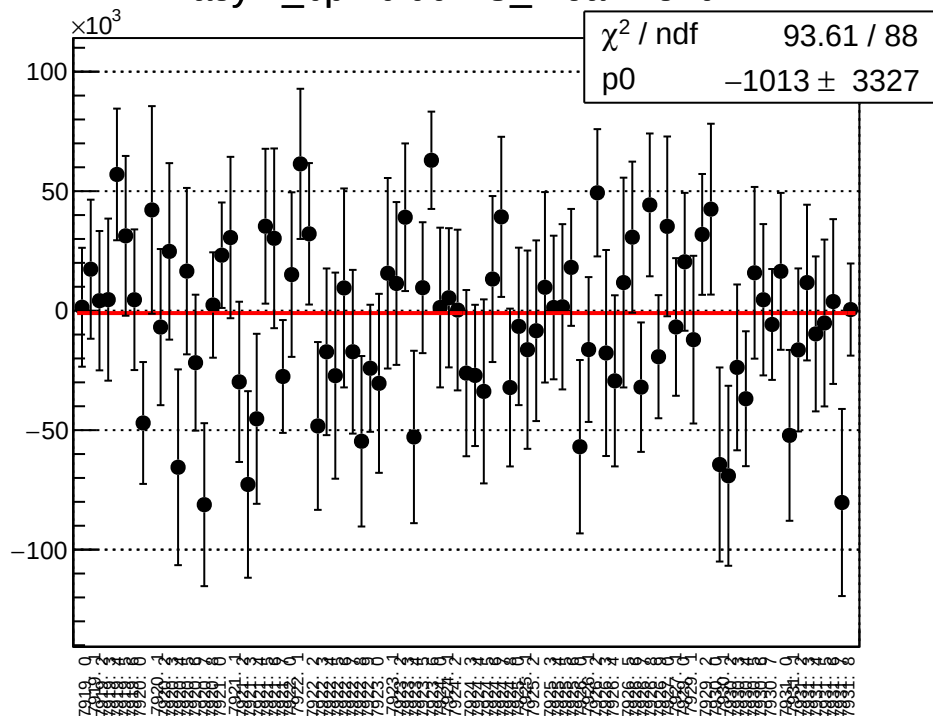
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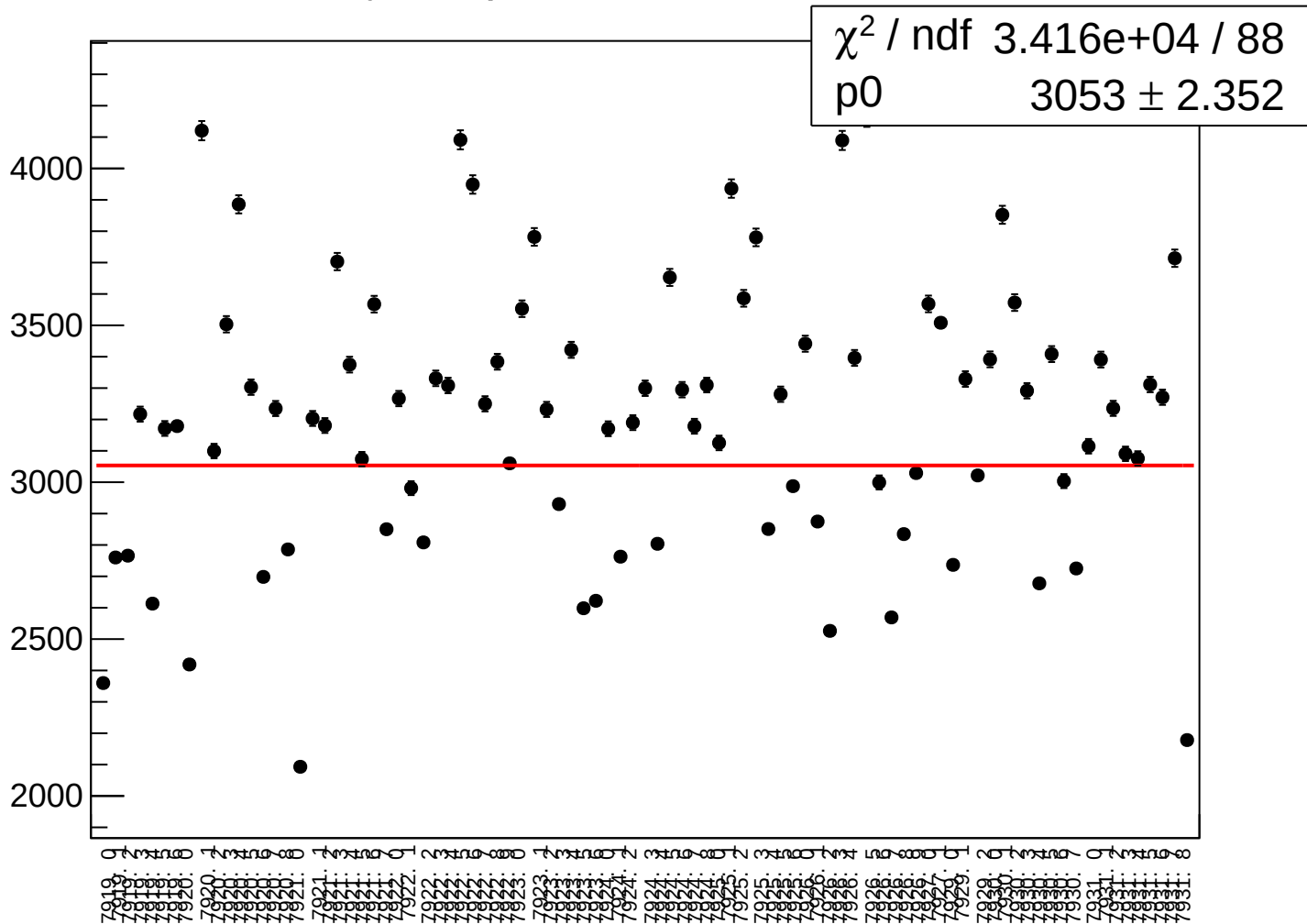
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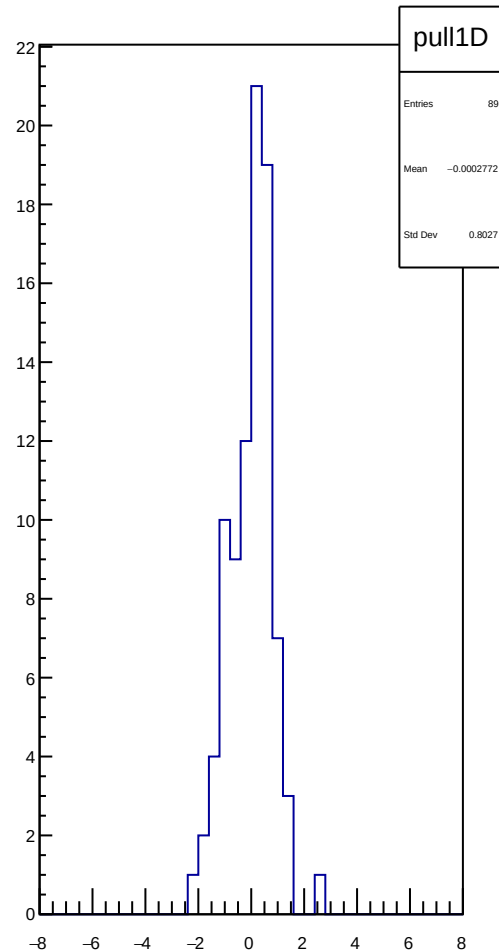
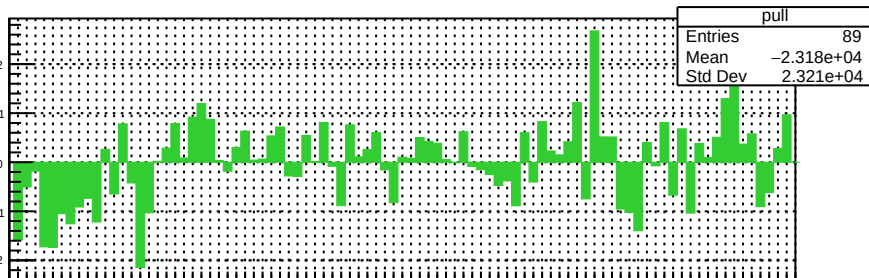
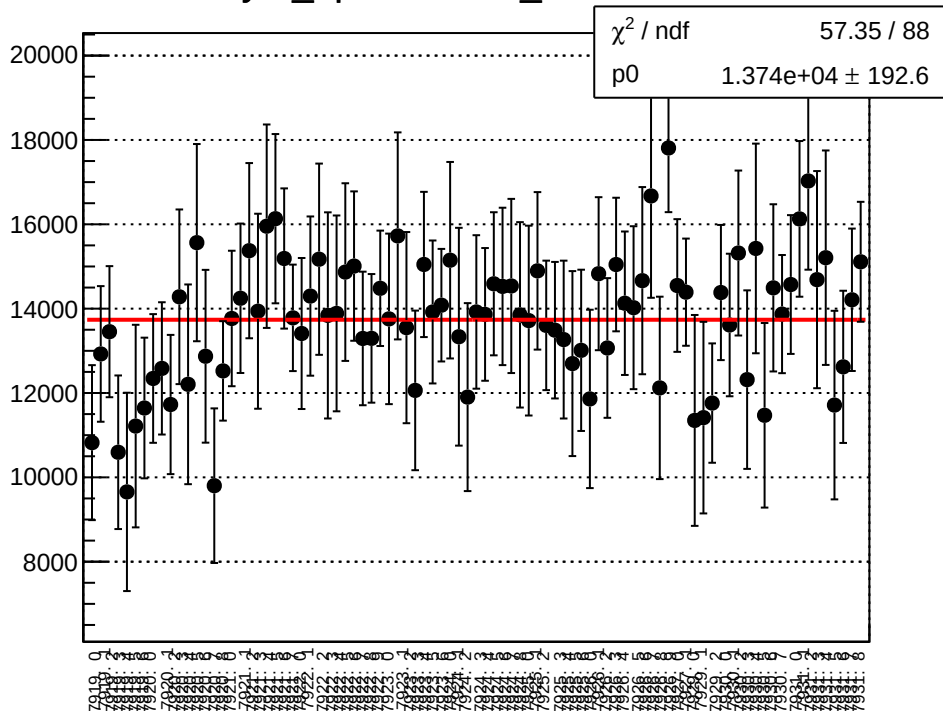
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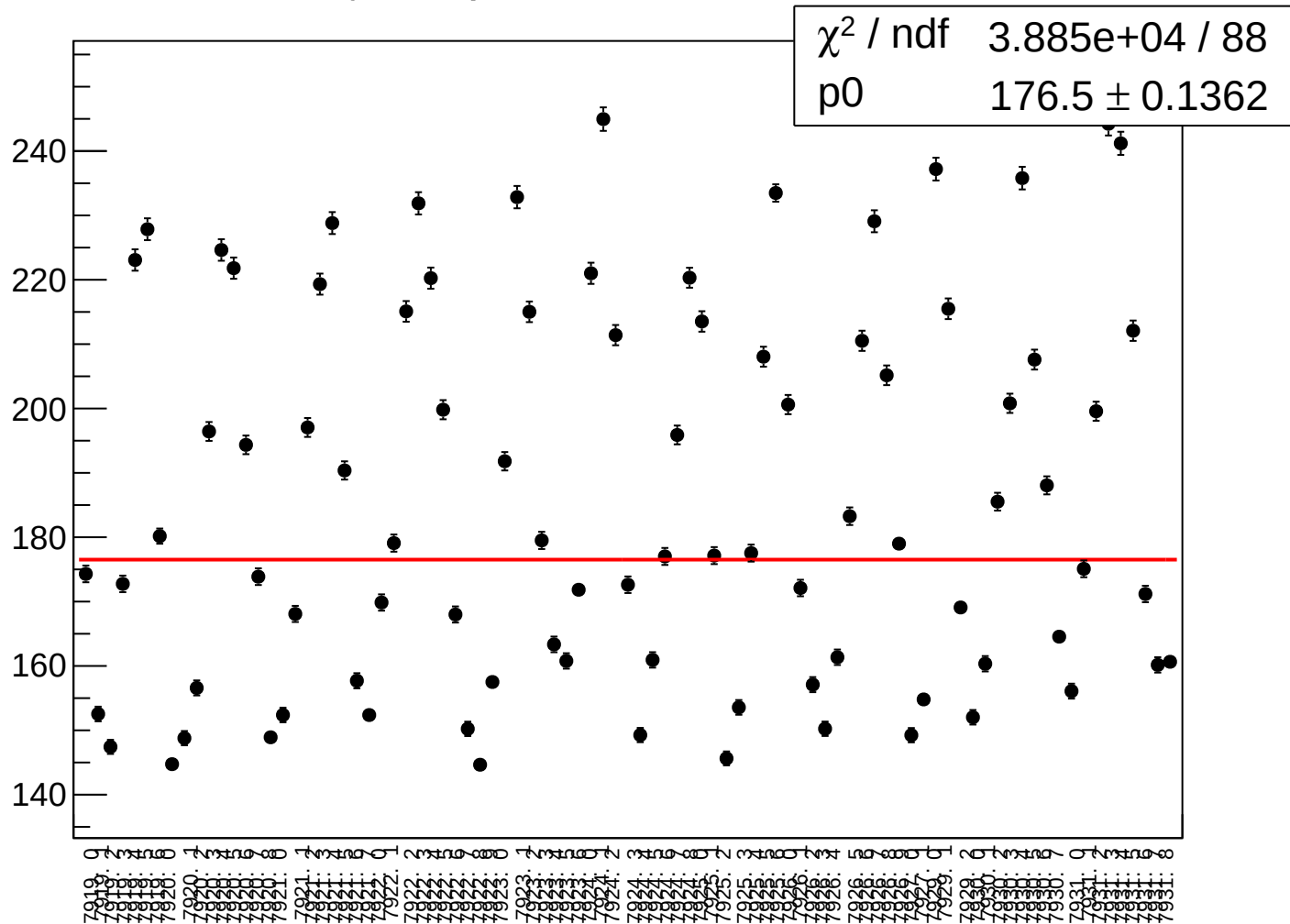
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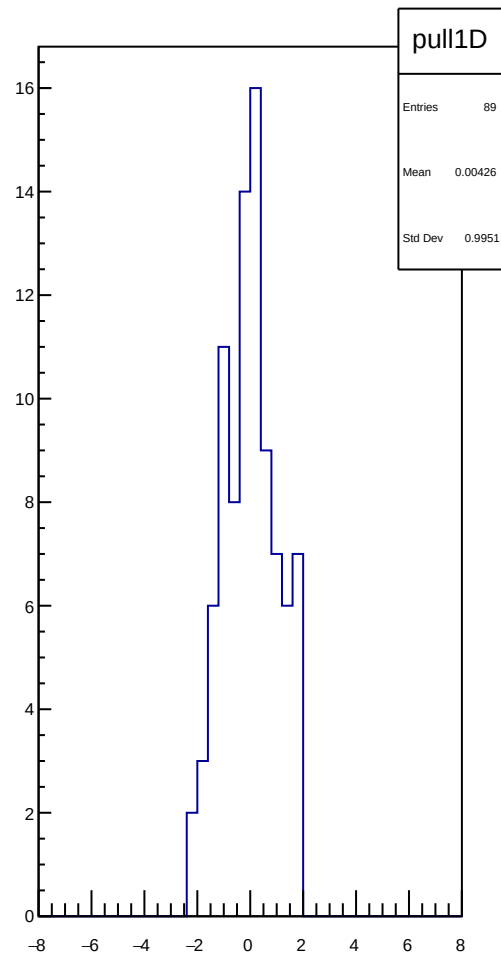
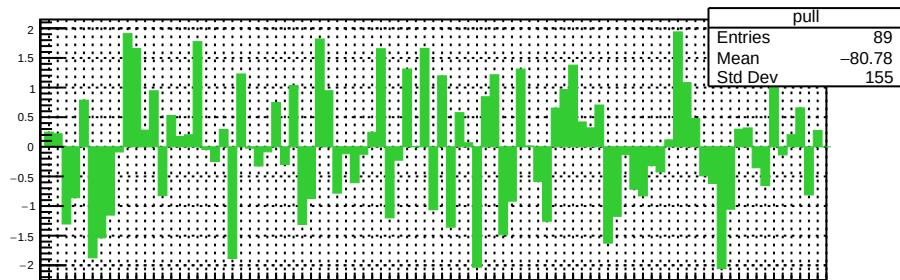
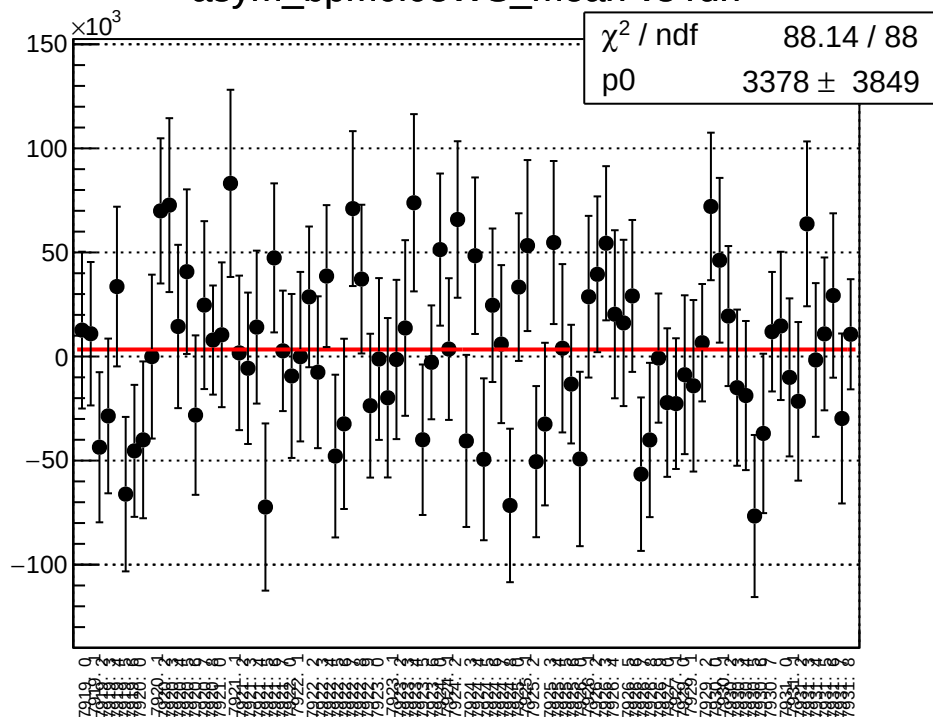
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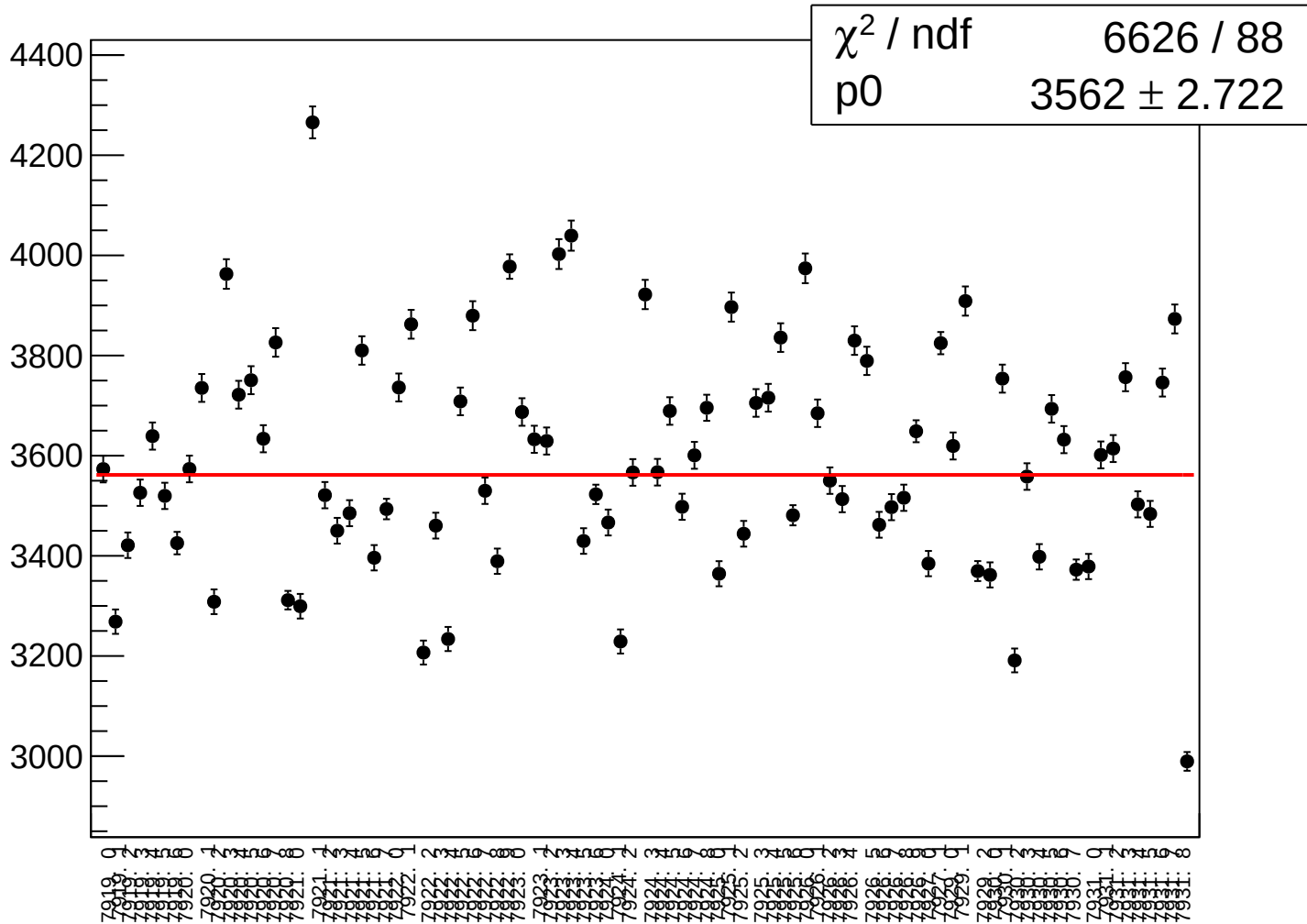
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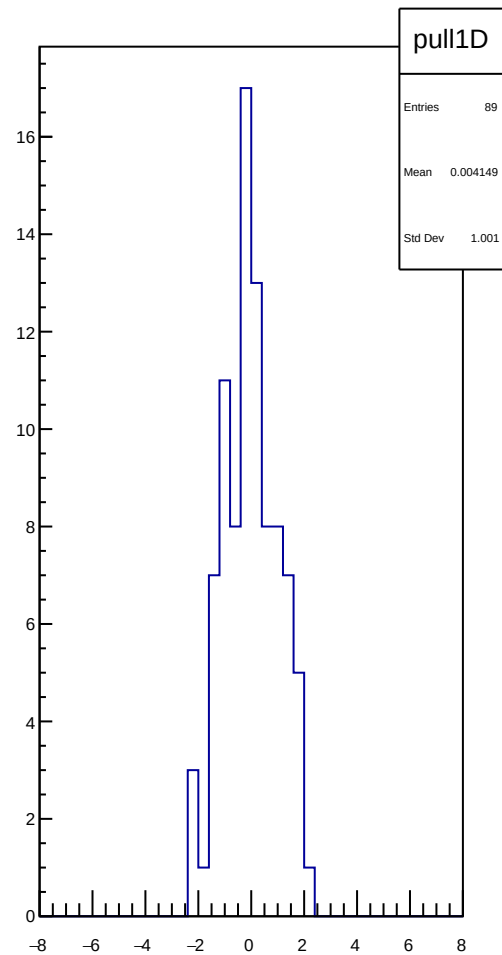
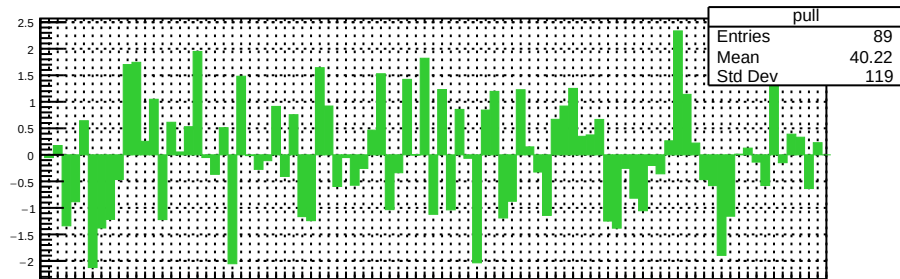
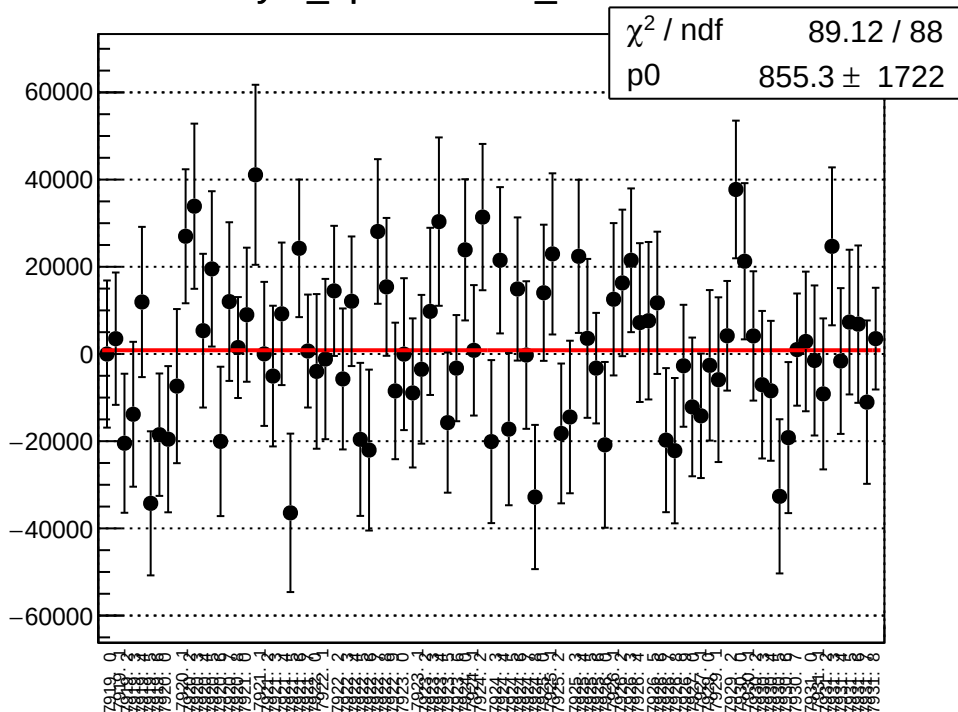
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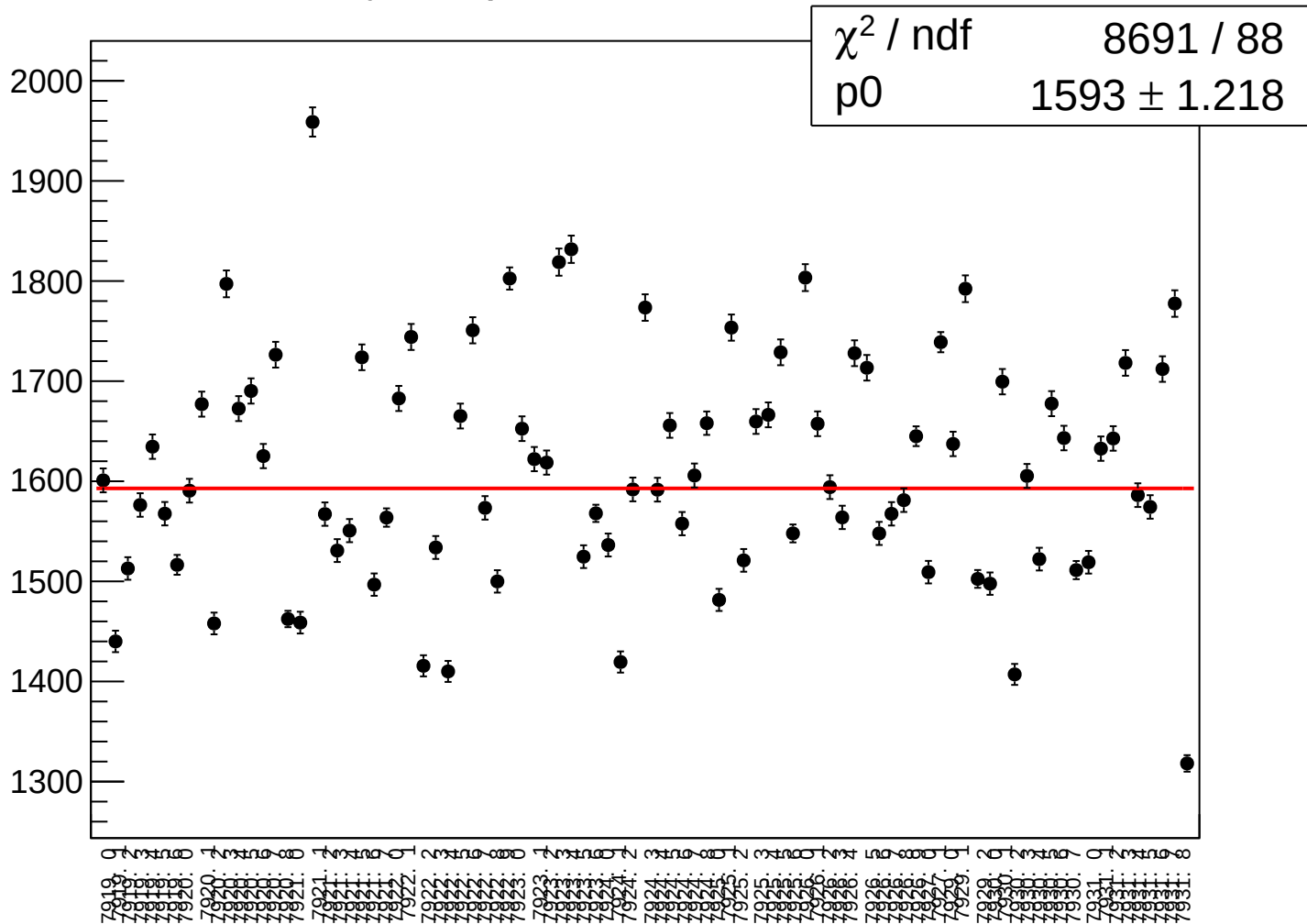
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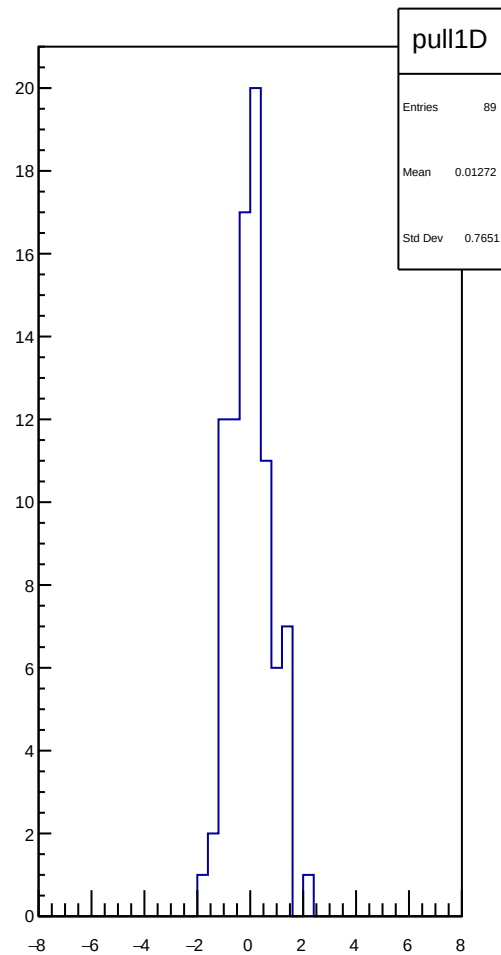
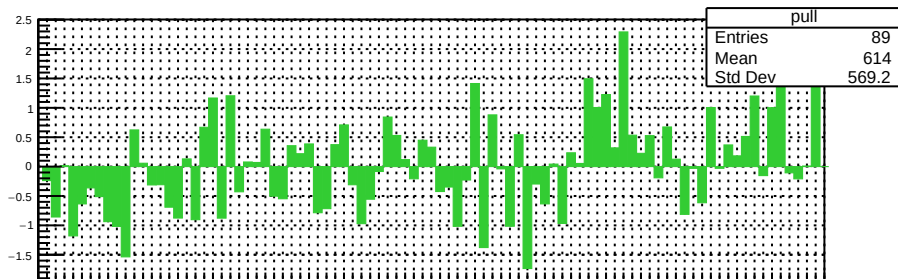
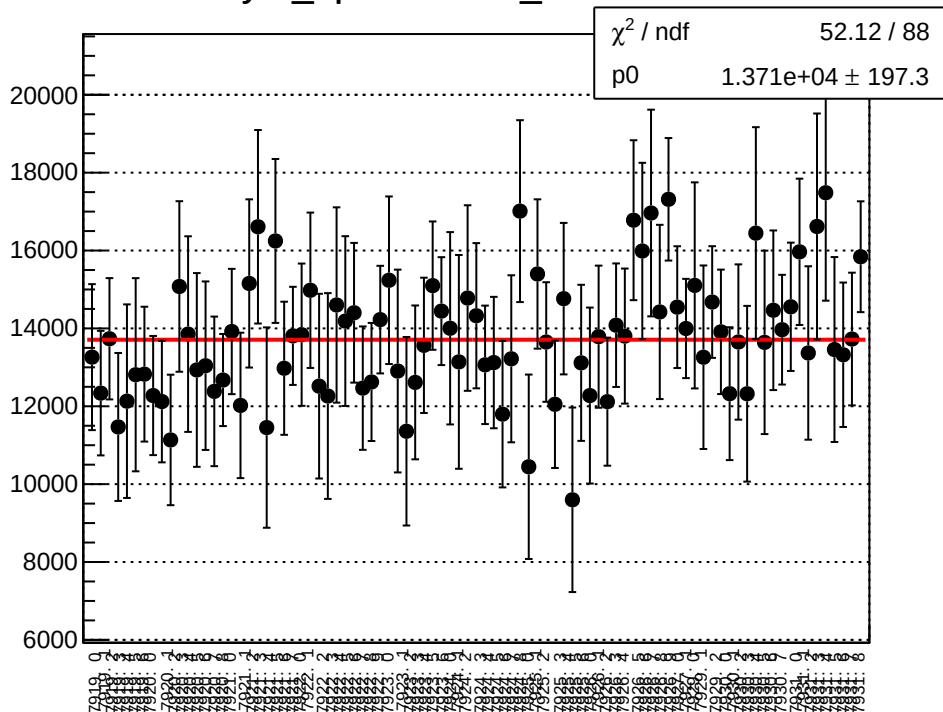
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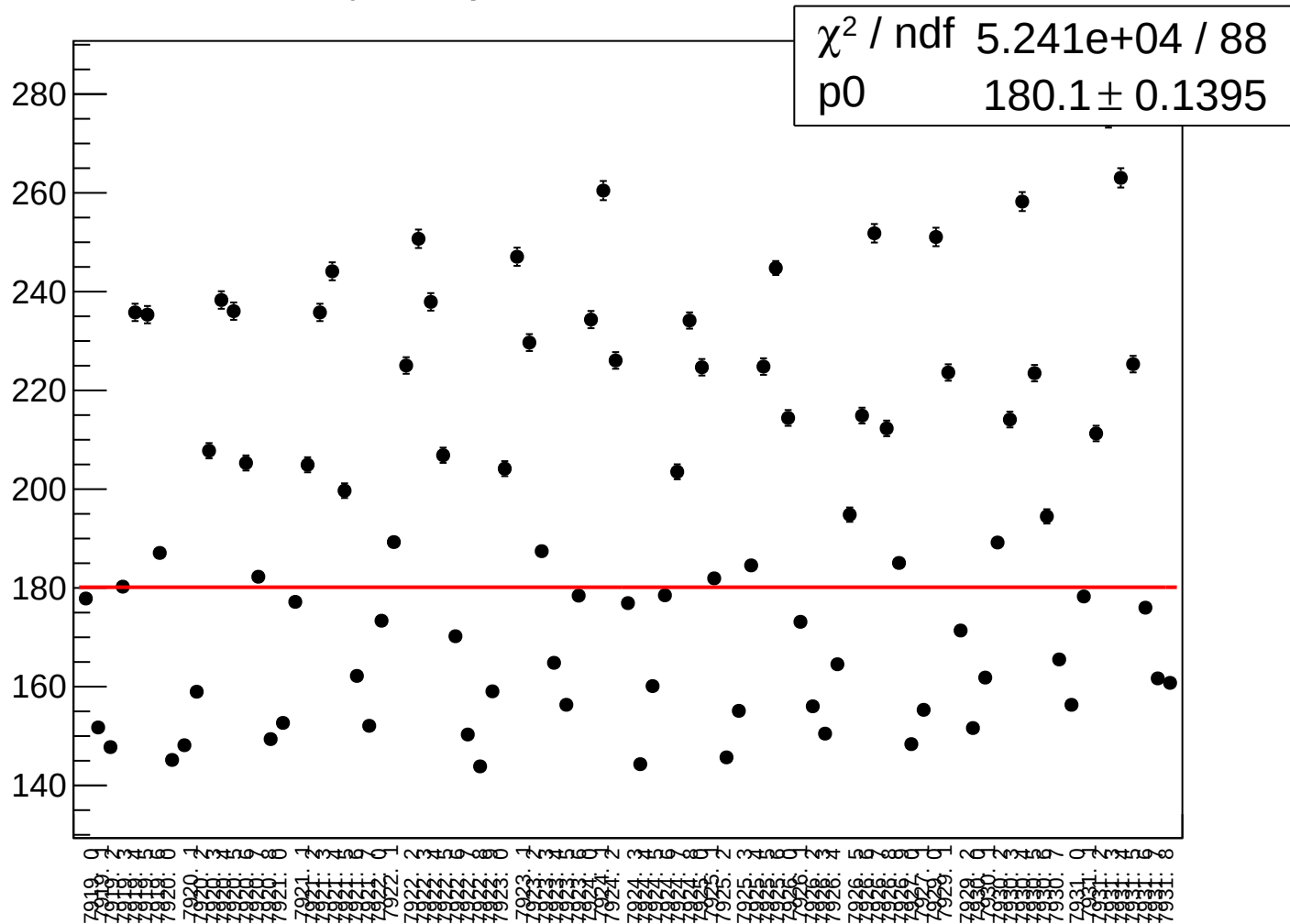
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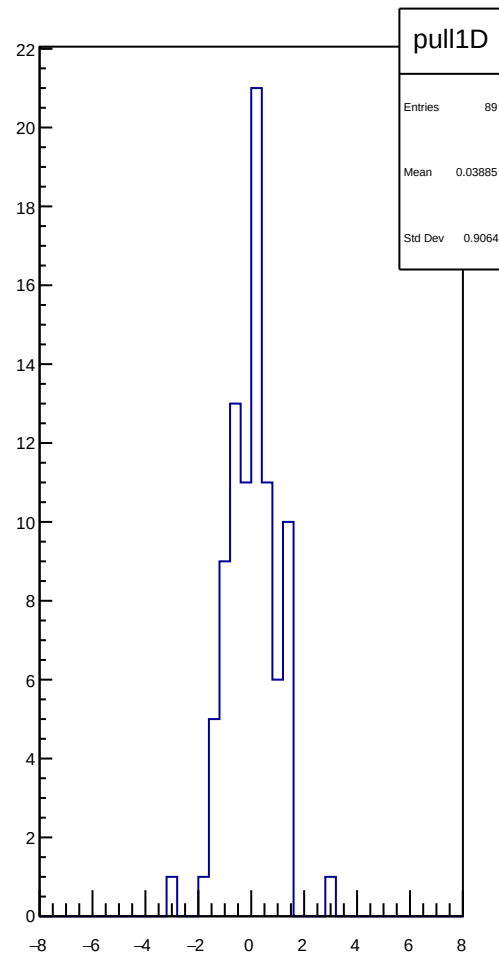
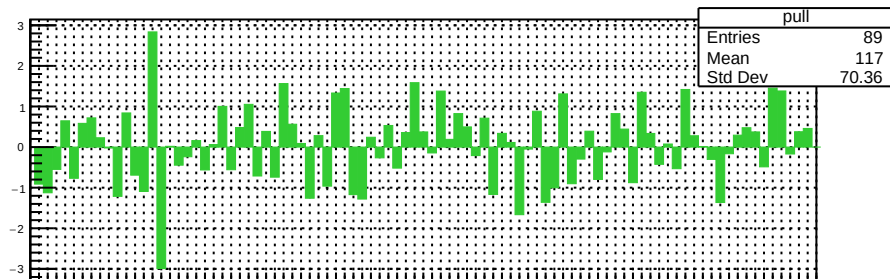
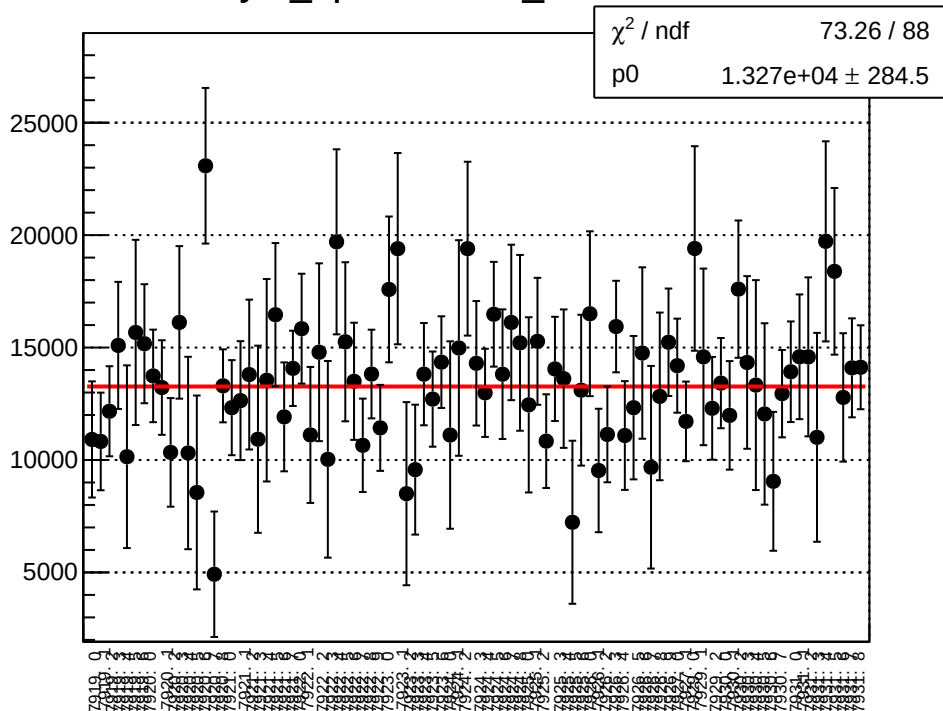
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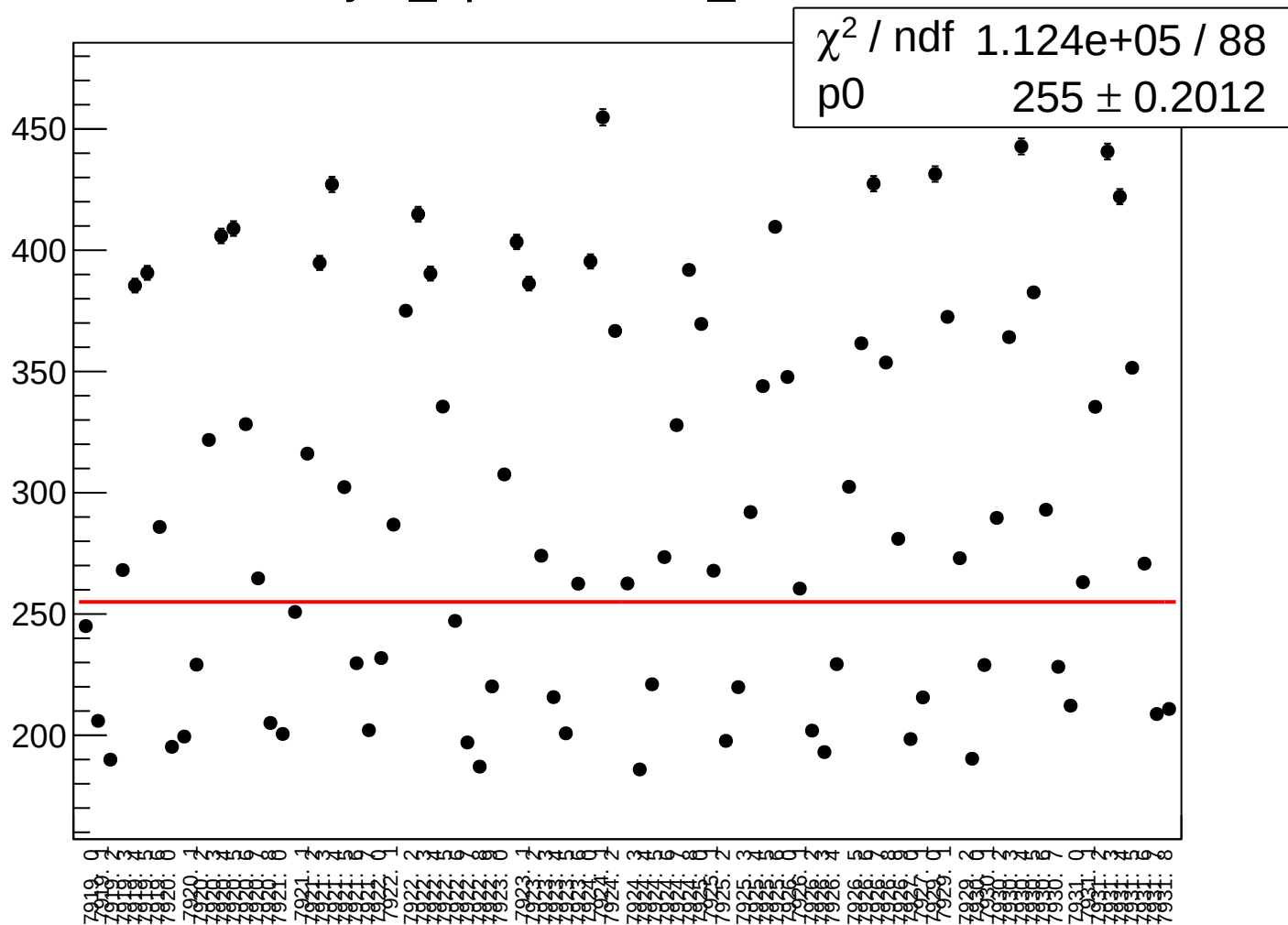
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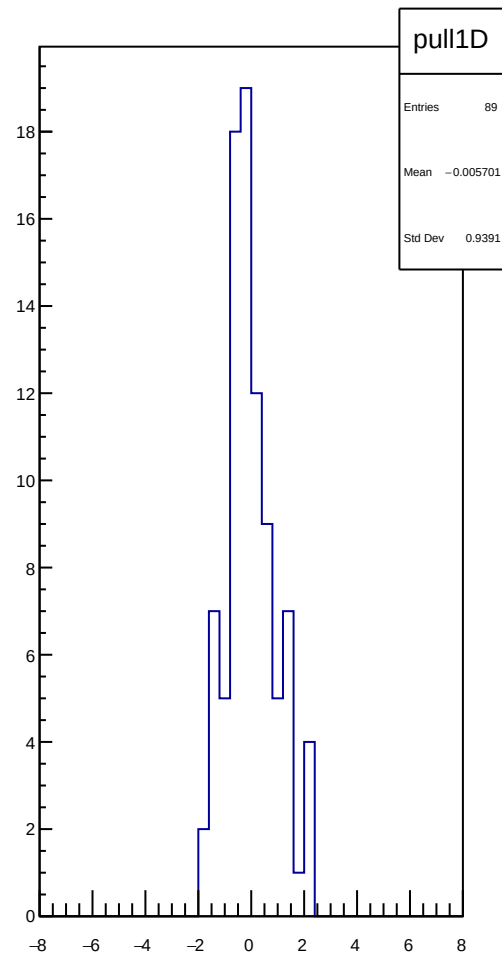
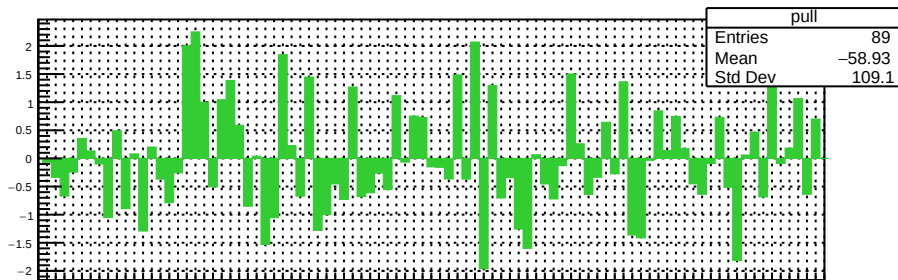
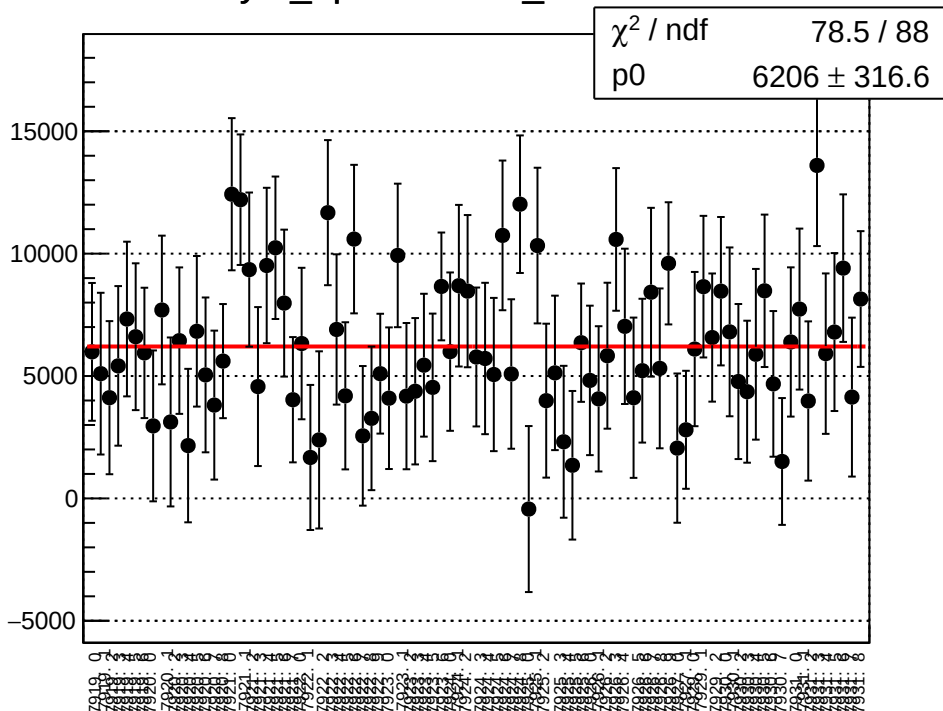
asym_bpm0r03WS_mean vs run



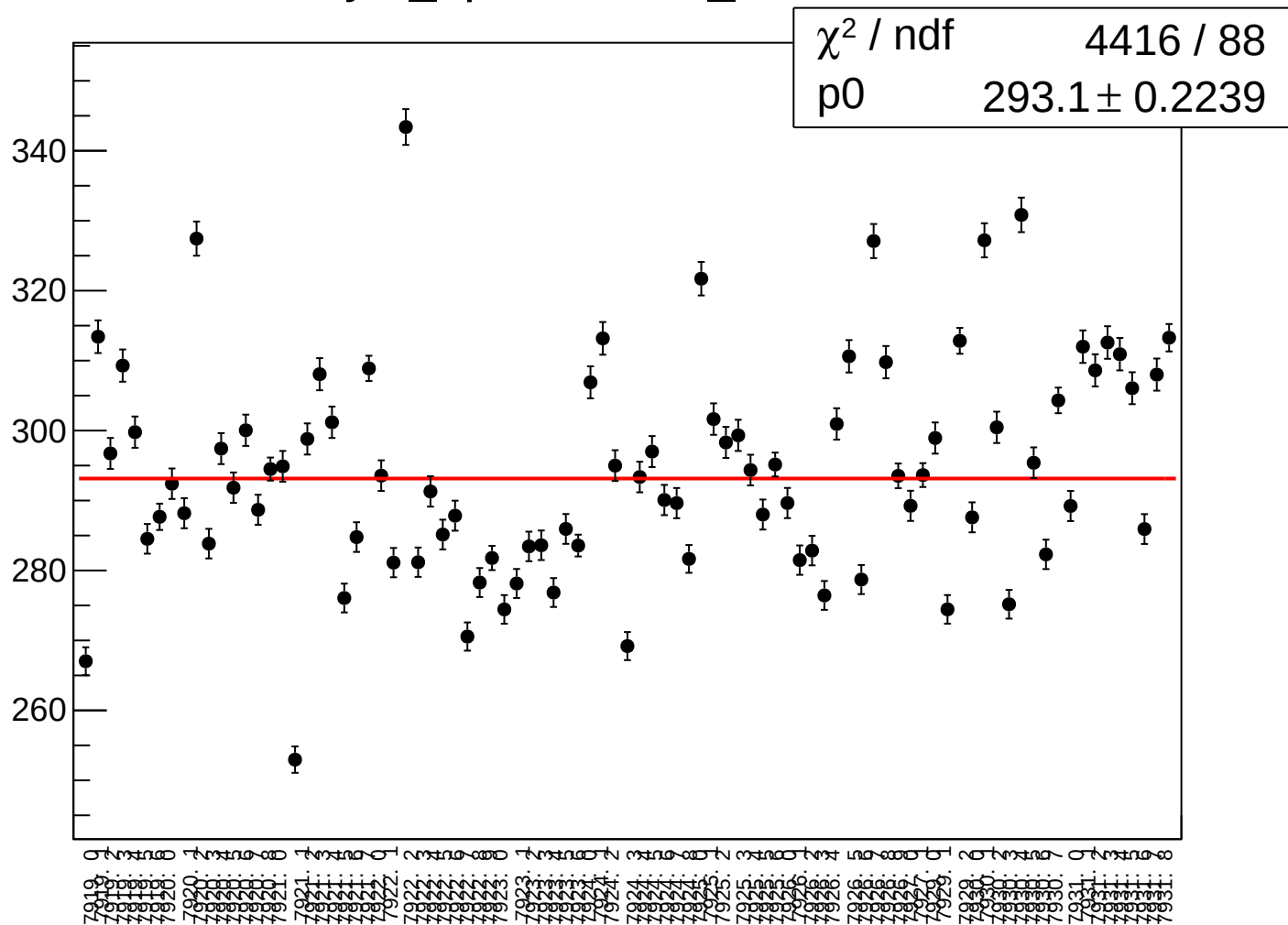
asym_bpm0r03WS_rms vs run



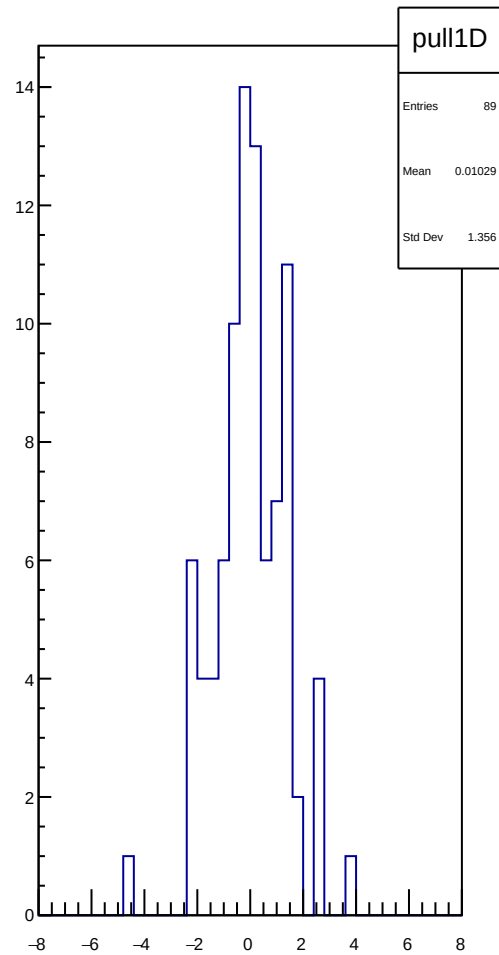
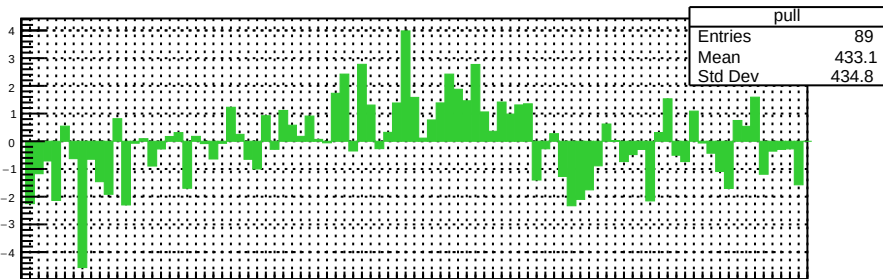
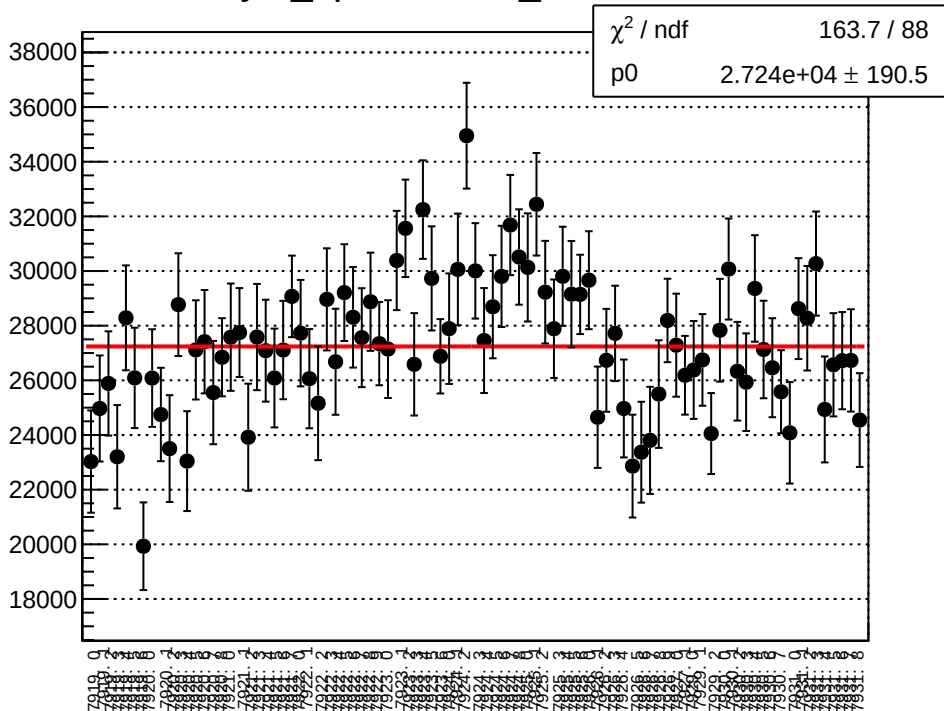
asym_bpm0r05WS_mean vs run



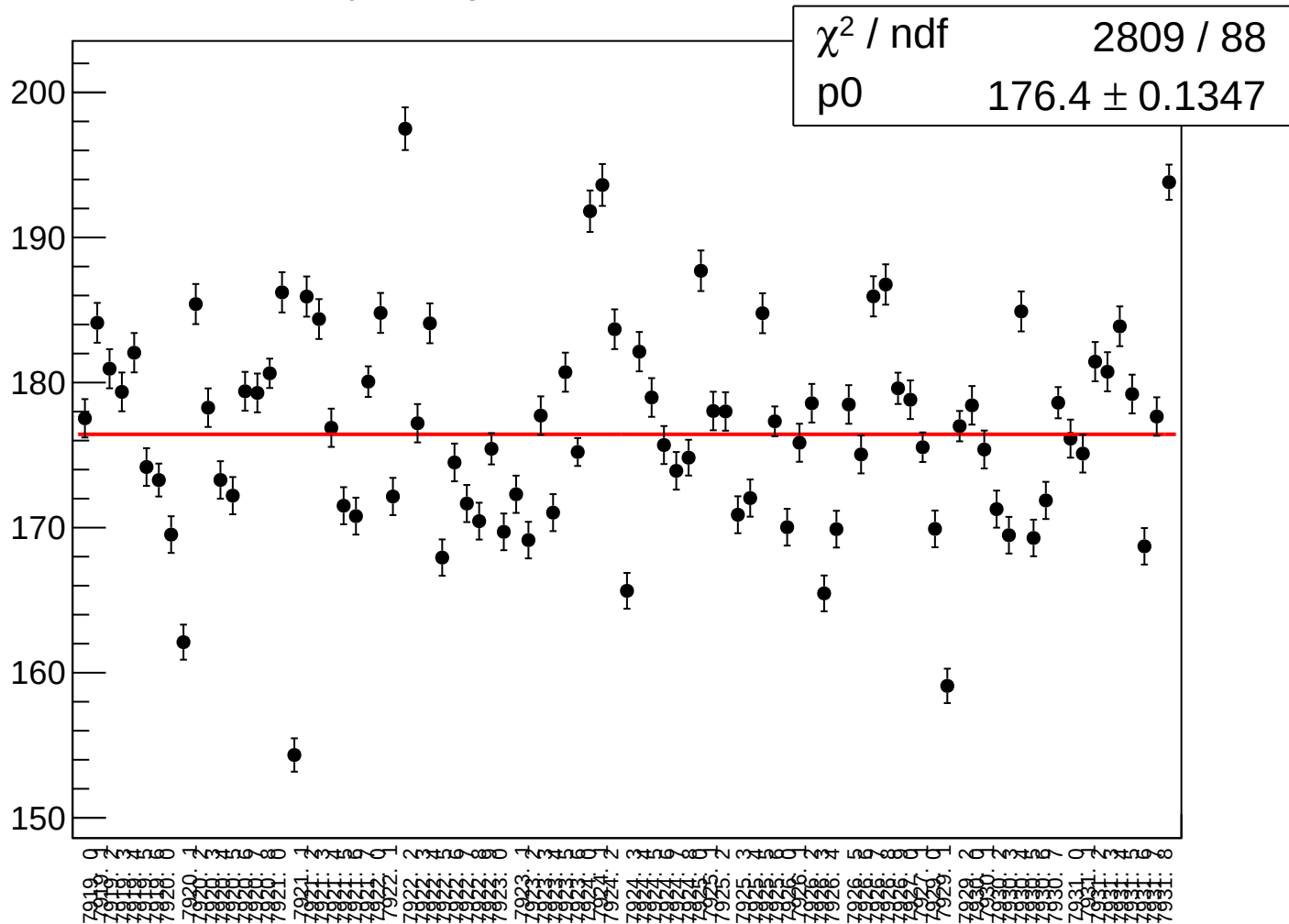
asym_bpm0r05WS_rms vs run



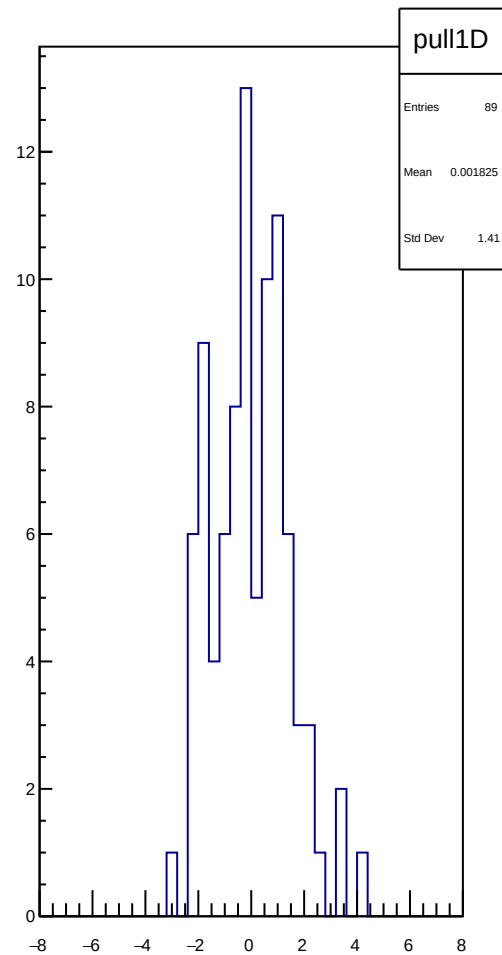
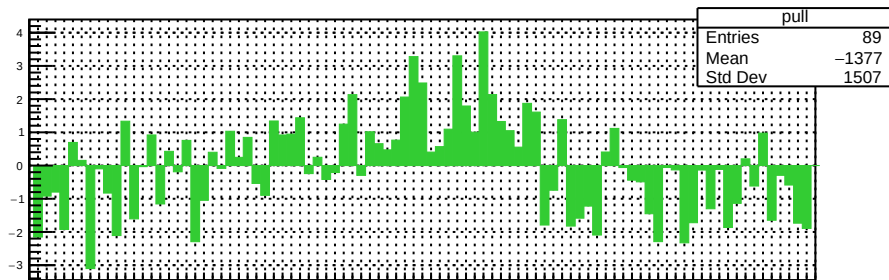
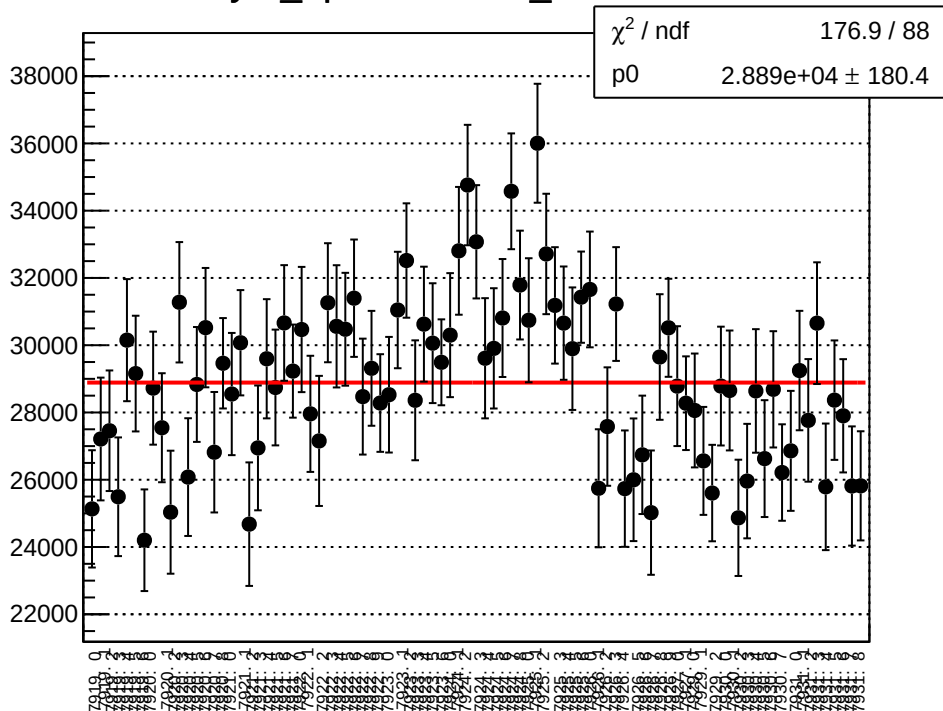
asym_bpm0i02WS_mean vs run



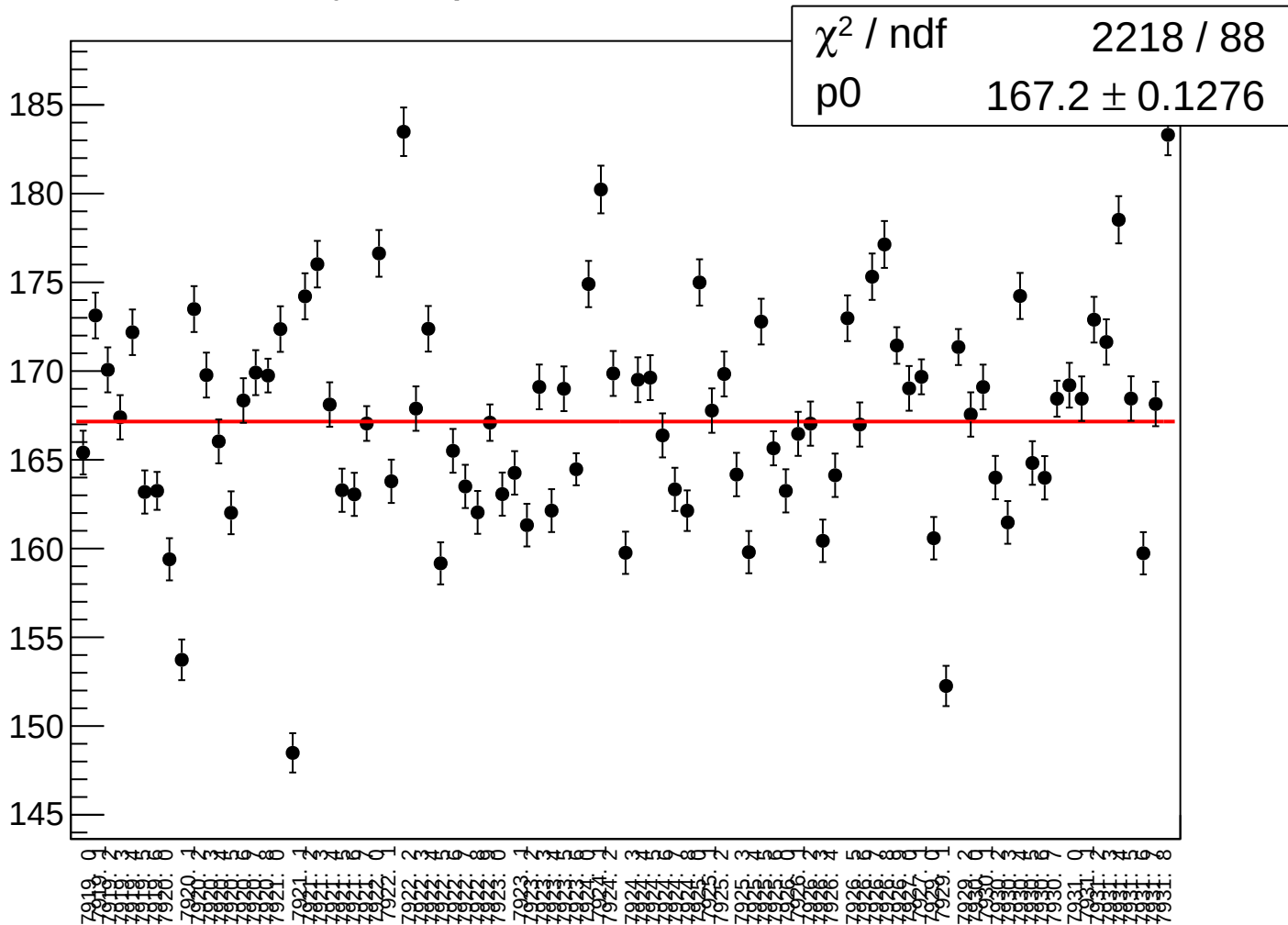
asym_bpm0i02WS_rms vs run



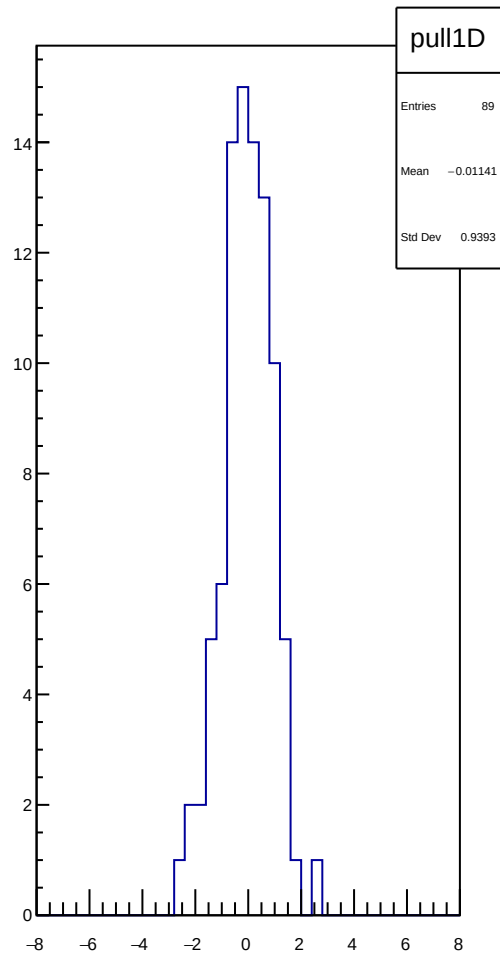
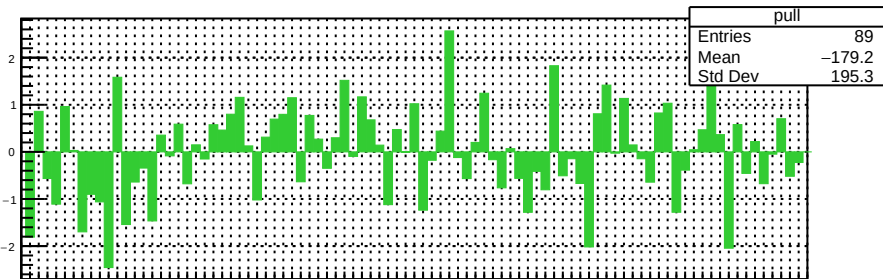
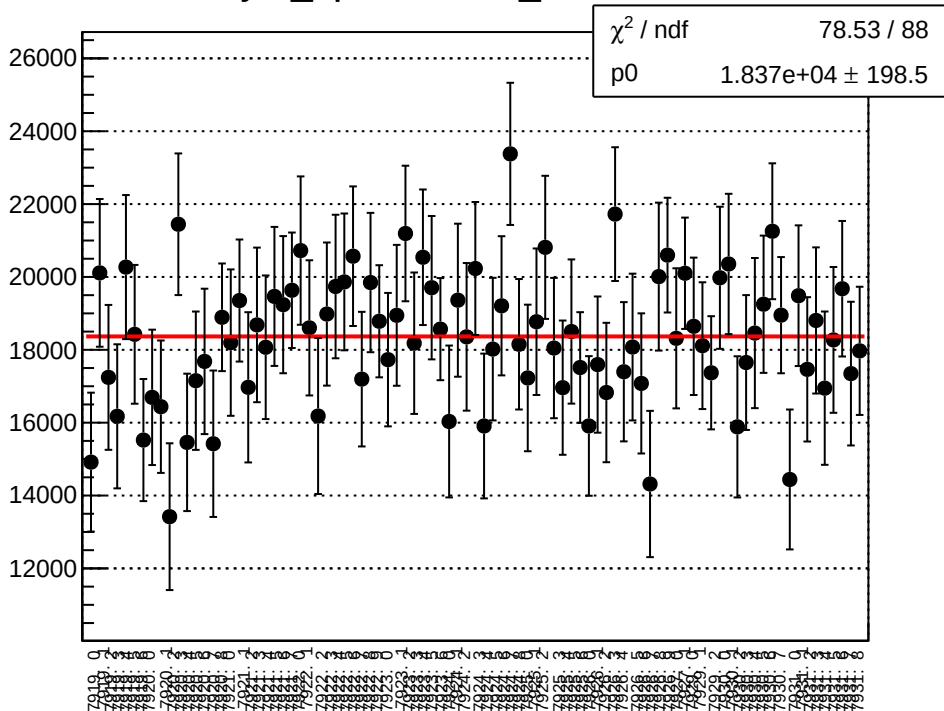
asym_bpm0i02aWS_mean vs run



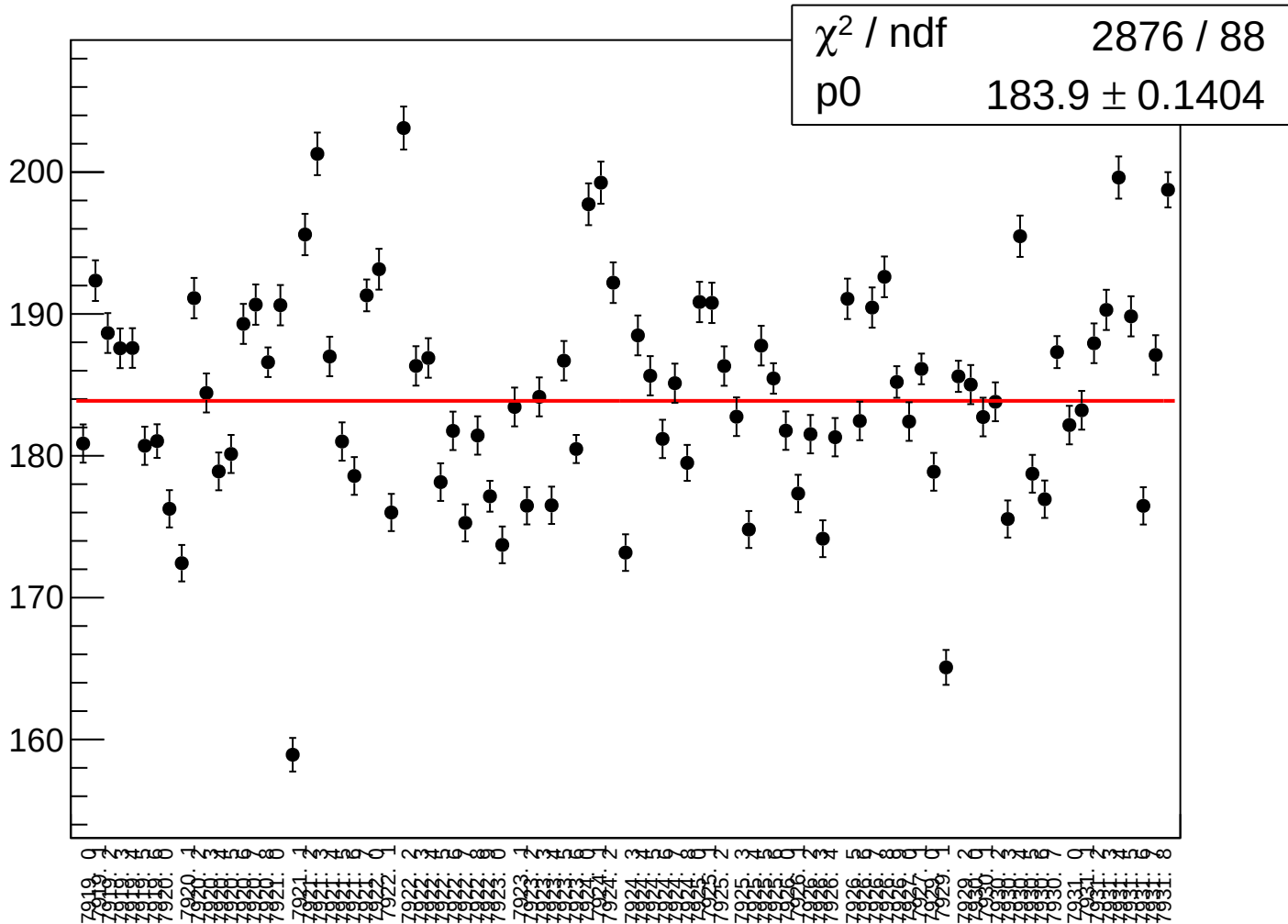
asym_bpm0i02aWS_rms vs run



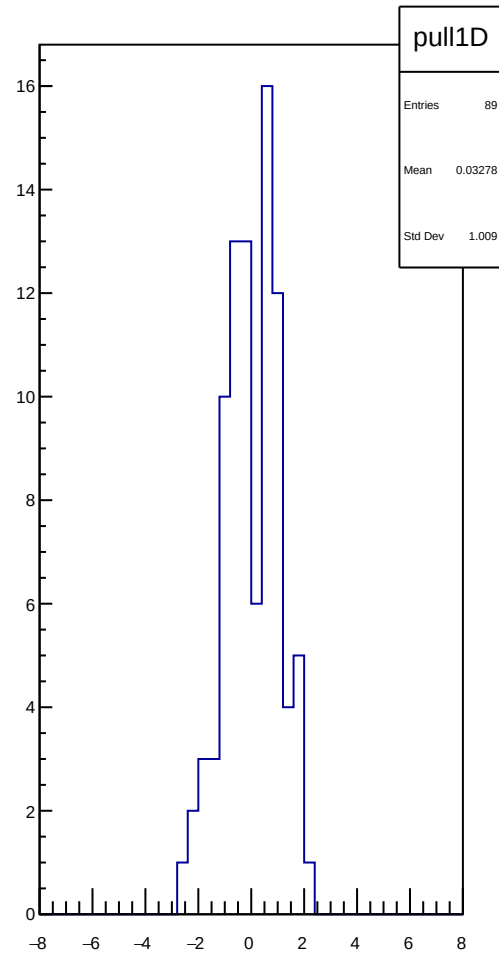
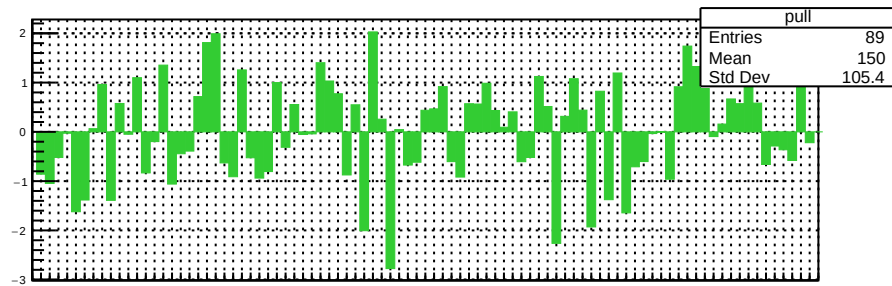
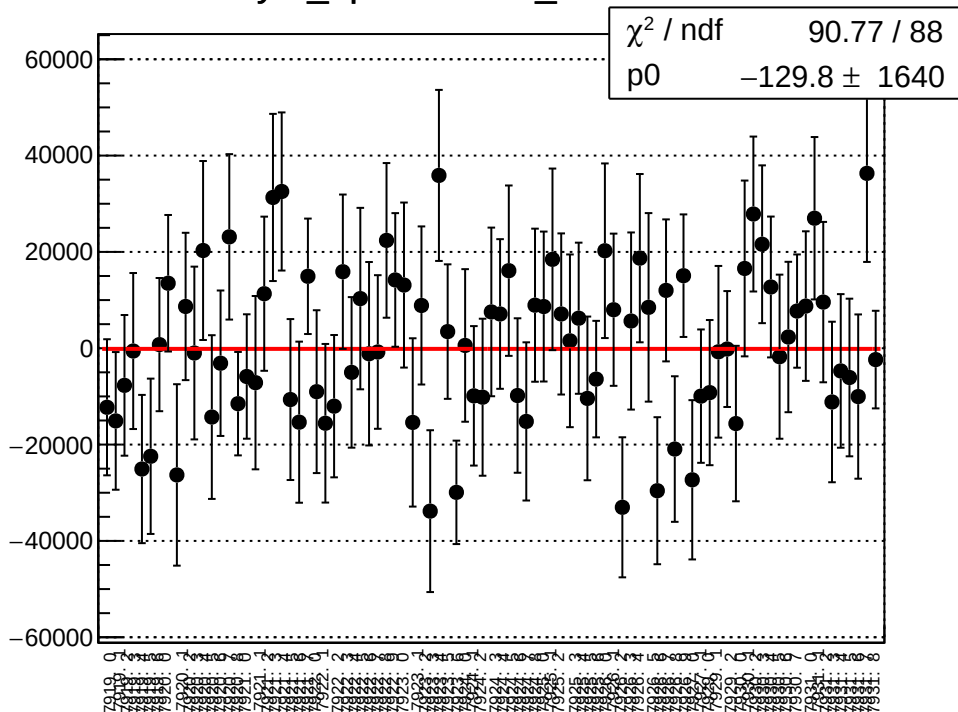
asym_bpm0i05WS_mean vs run



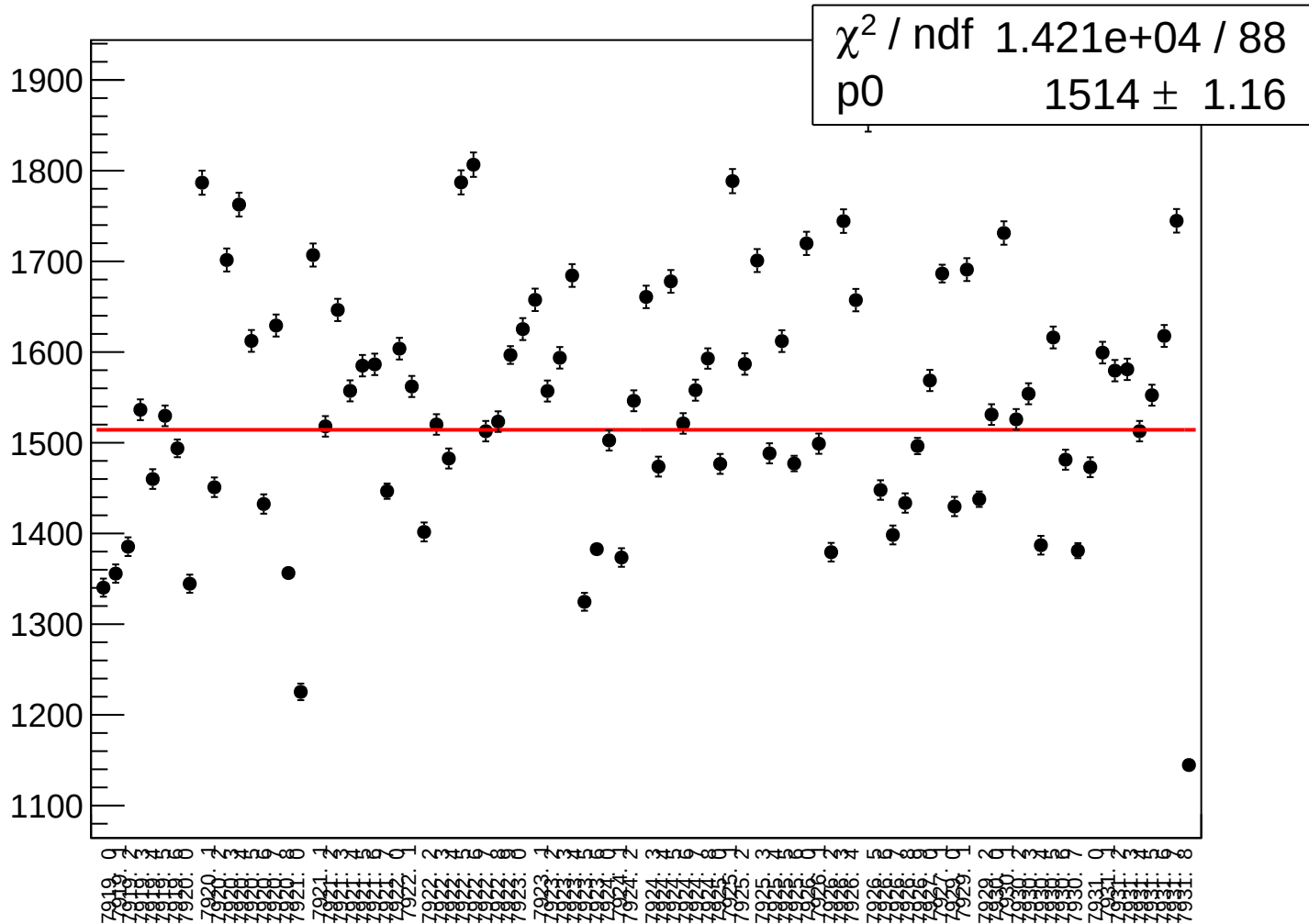
asym_bpm0i05WS_rms vs run



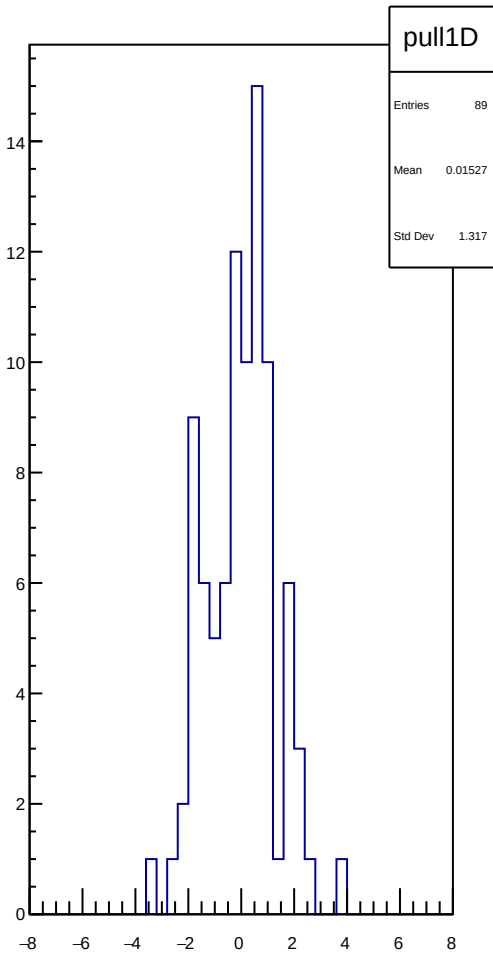
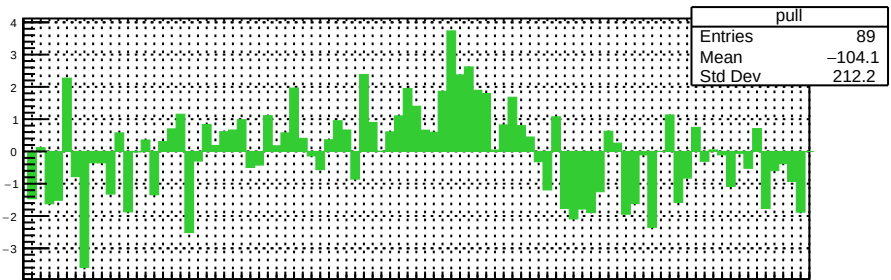
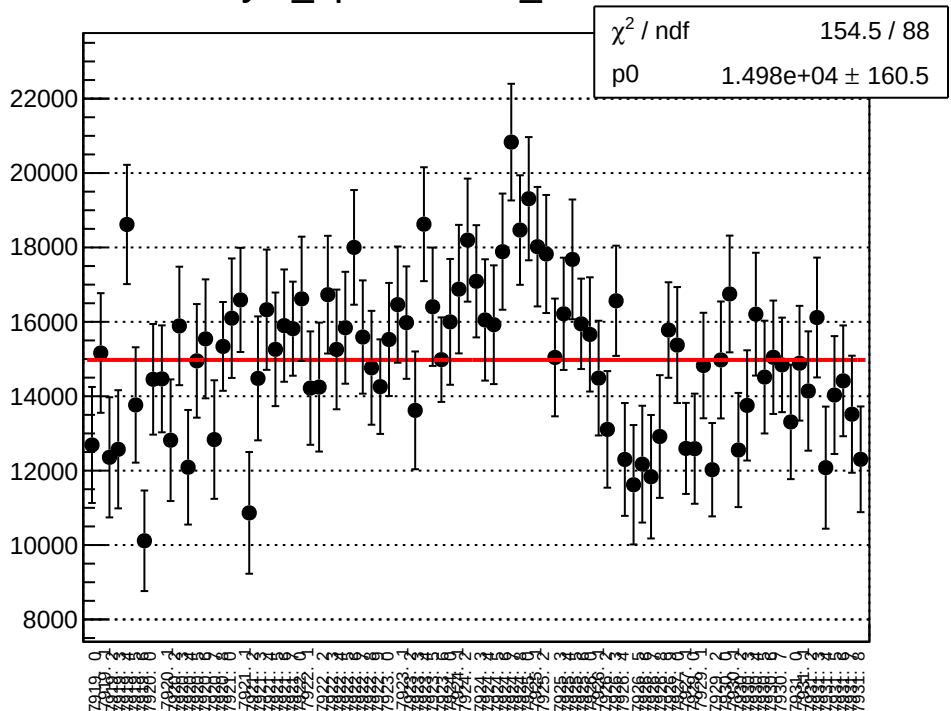
asym_bpm0i07WS_mean vs run



asym_bpm0i07WS_rms vs run

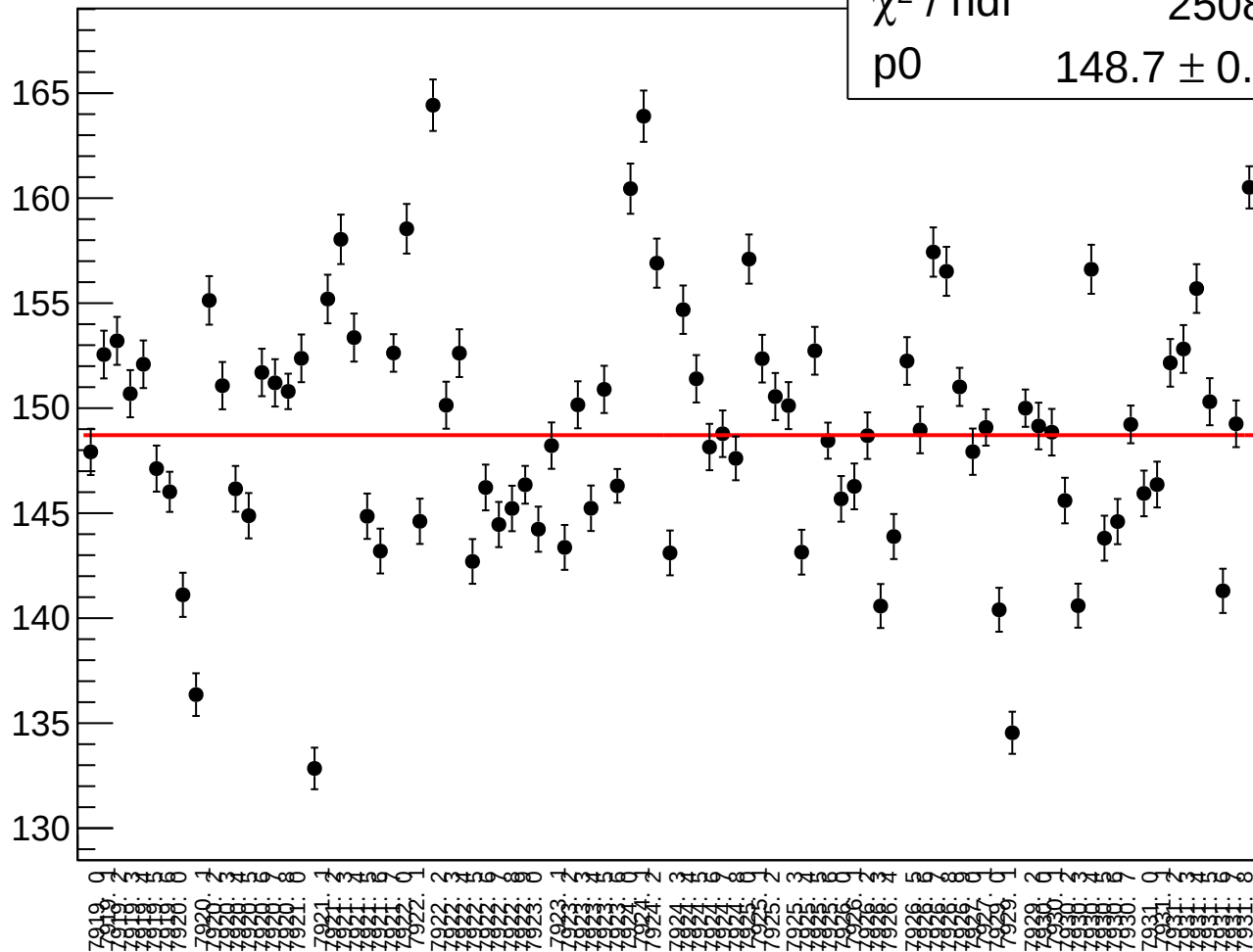


asym_bpm1i02WS_mean vs run

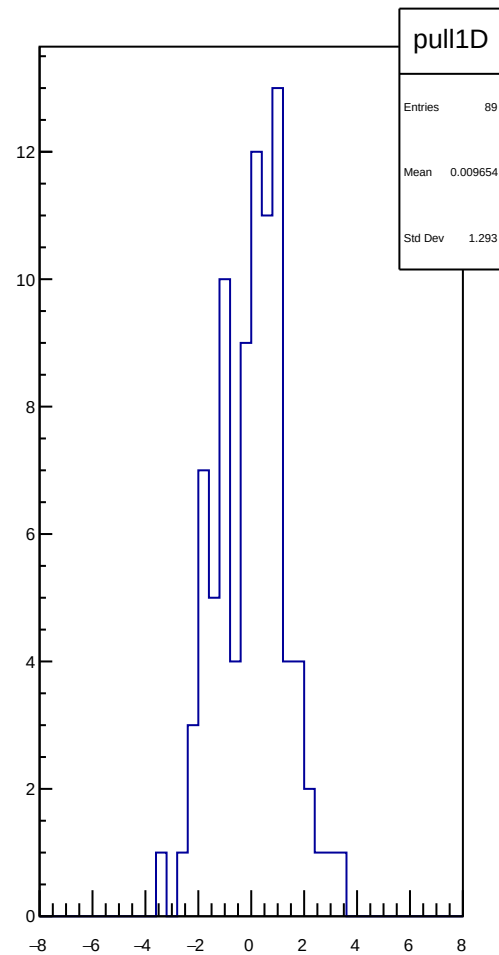
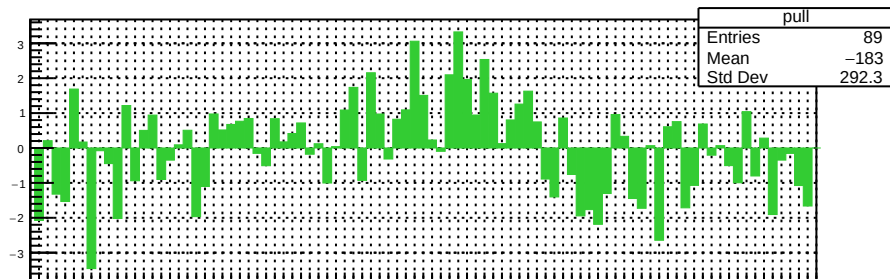
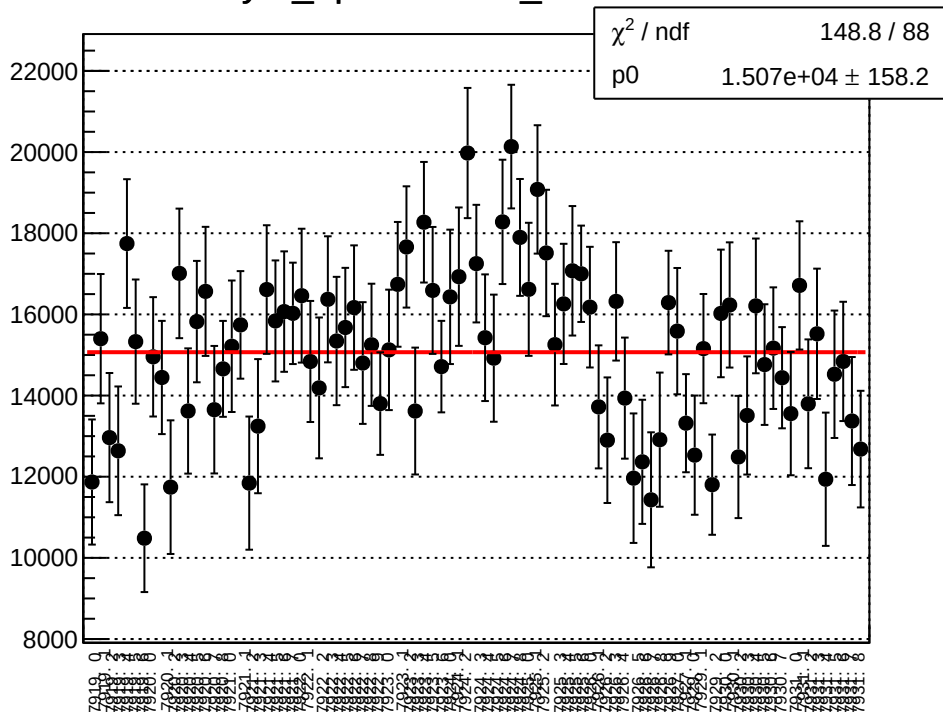


χ^2 / ndf

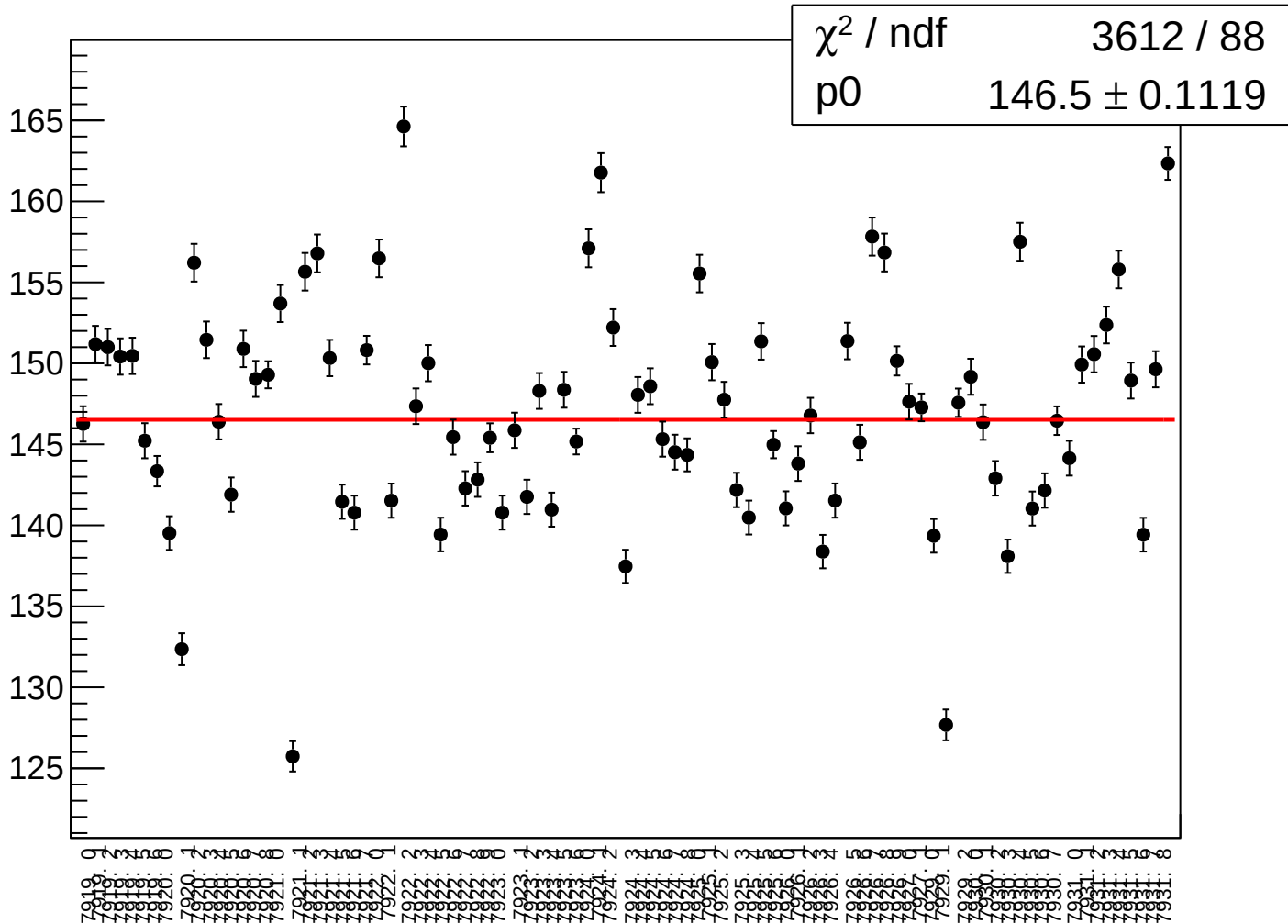
p0

$$148.7 \pm 0.1135$$


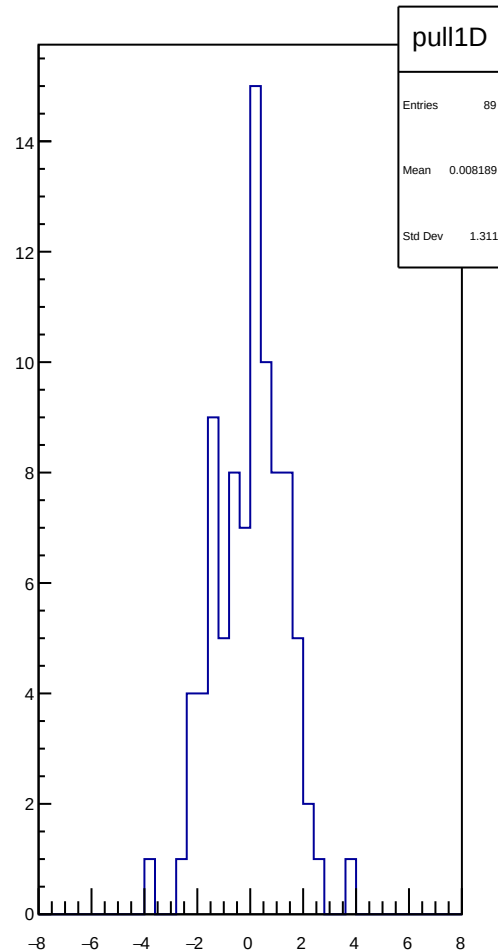
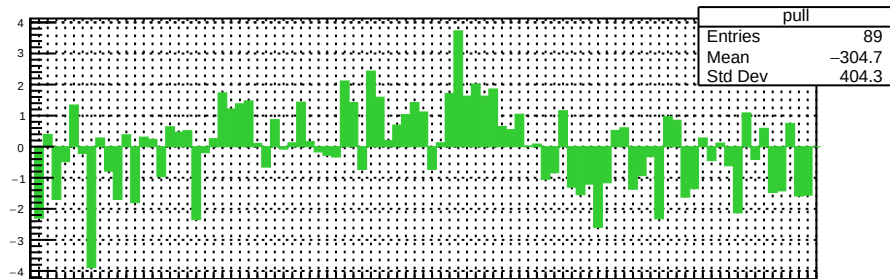
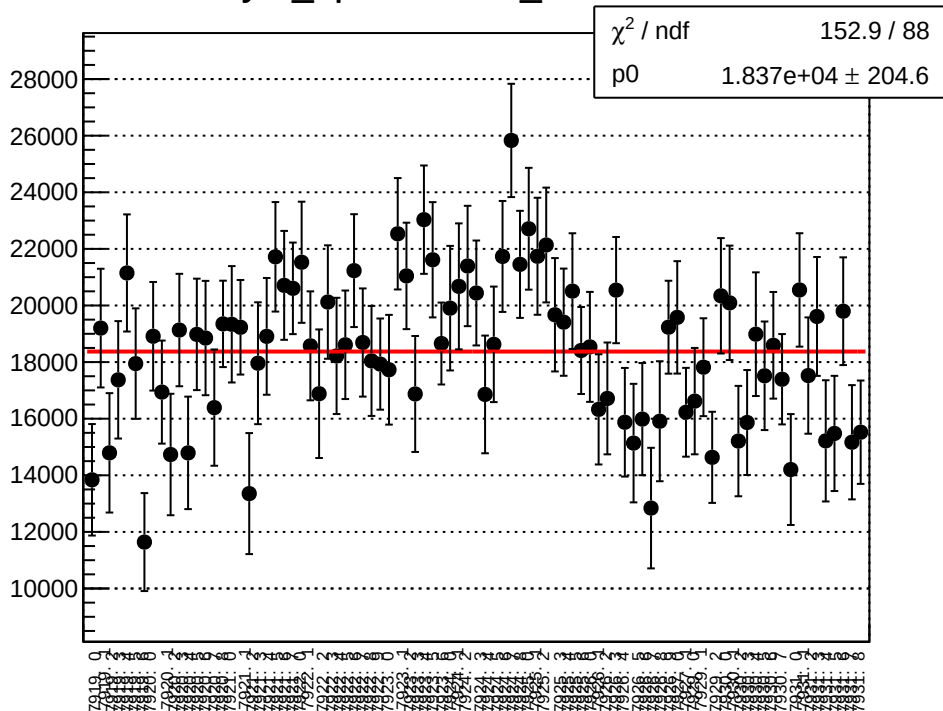
asym_bpm1i04WS_mean vs run



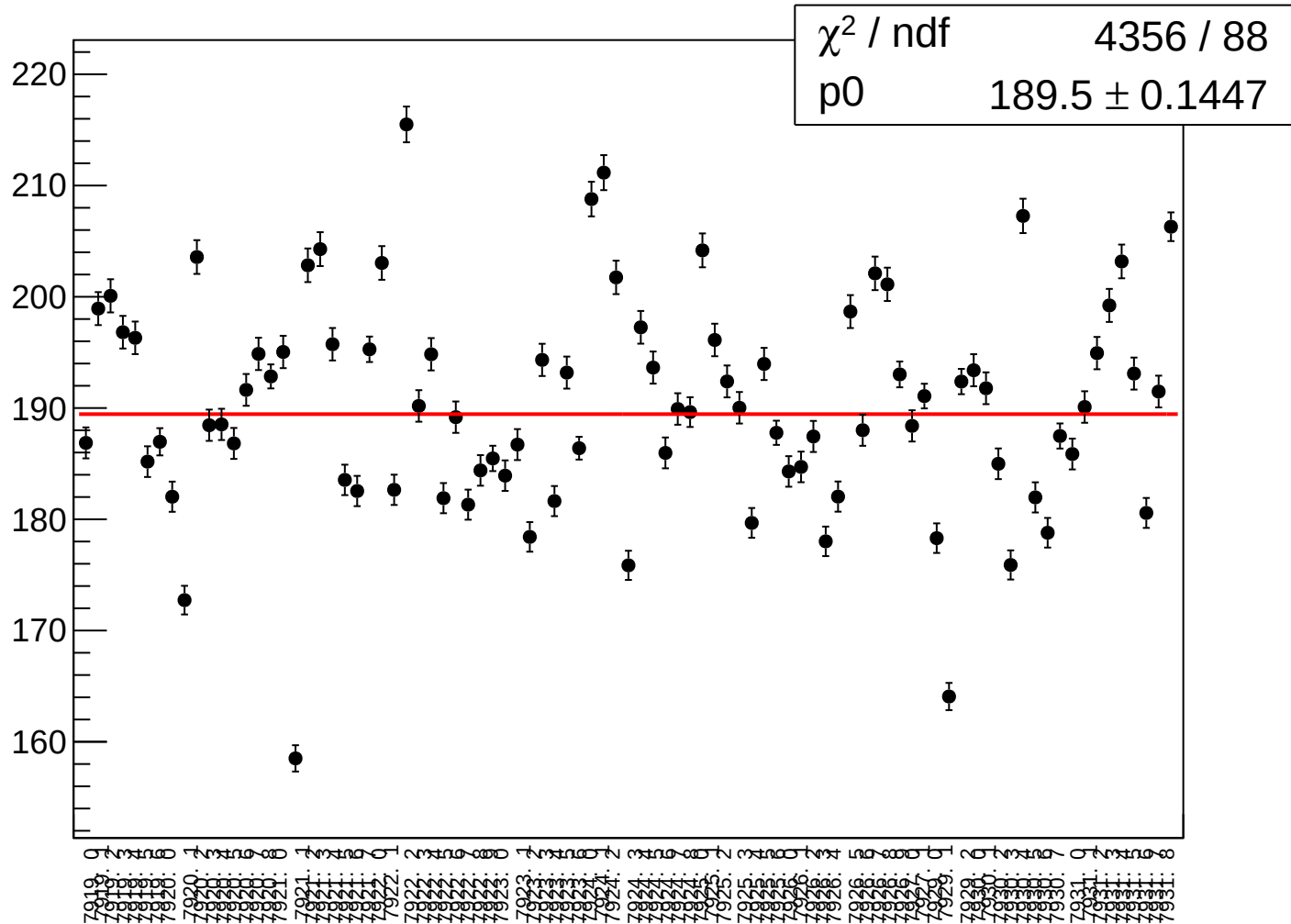
asym_bpm1i04WS_rms vs run



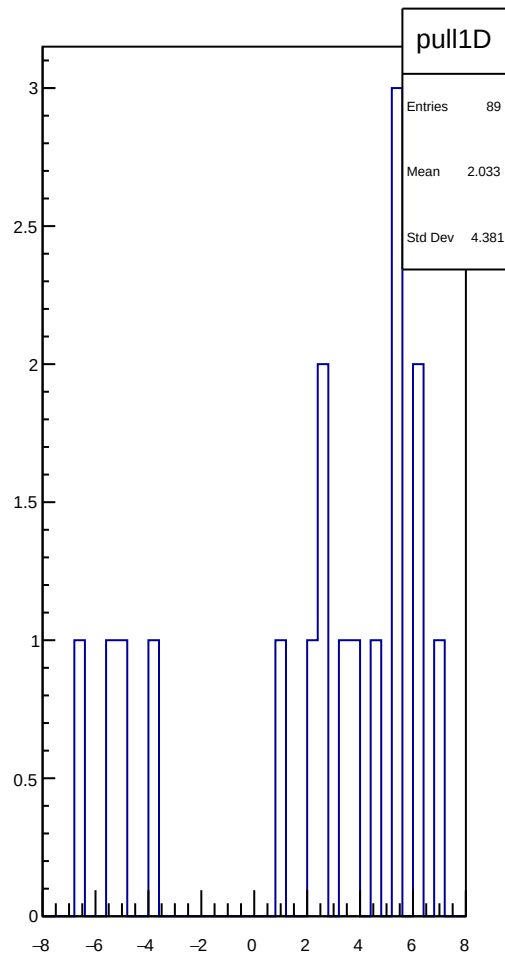
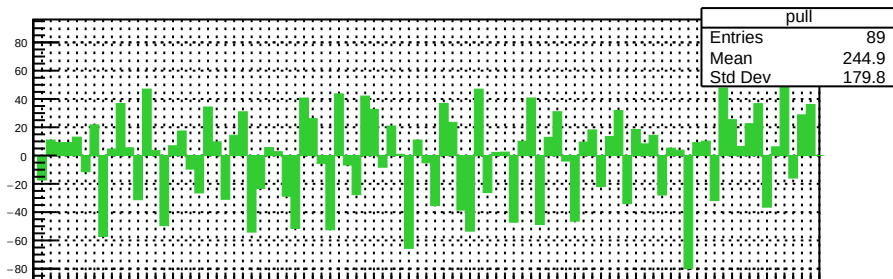
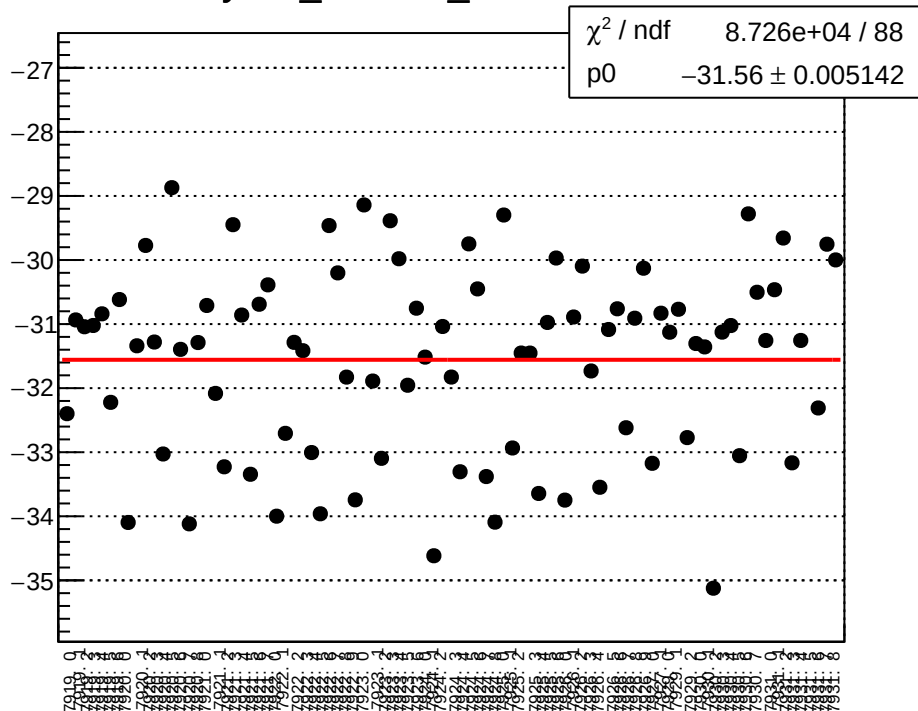
asym_bpm1i06WS_mean vs run



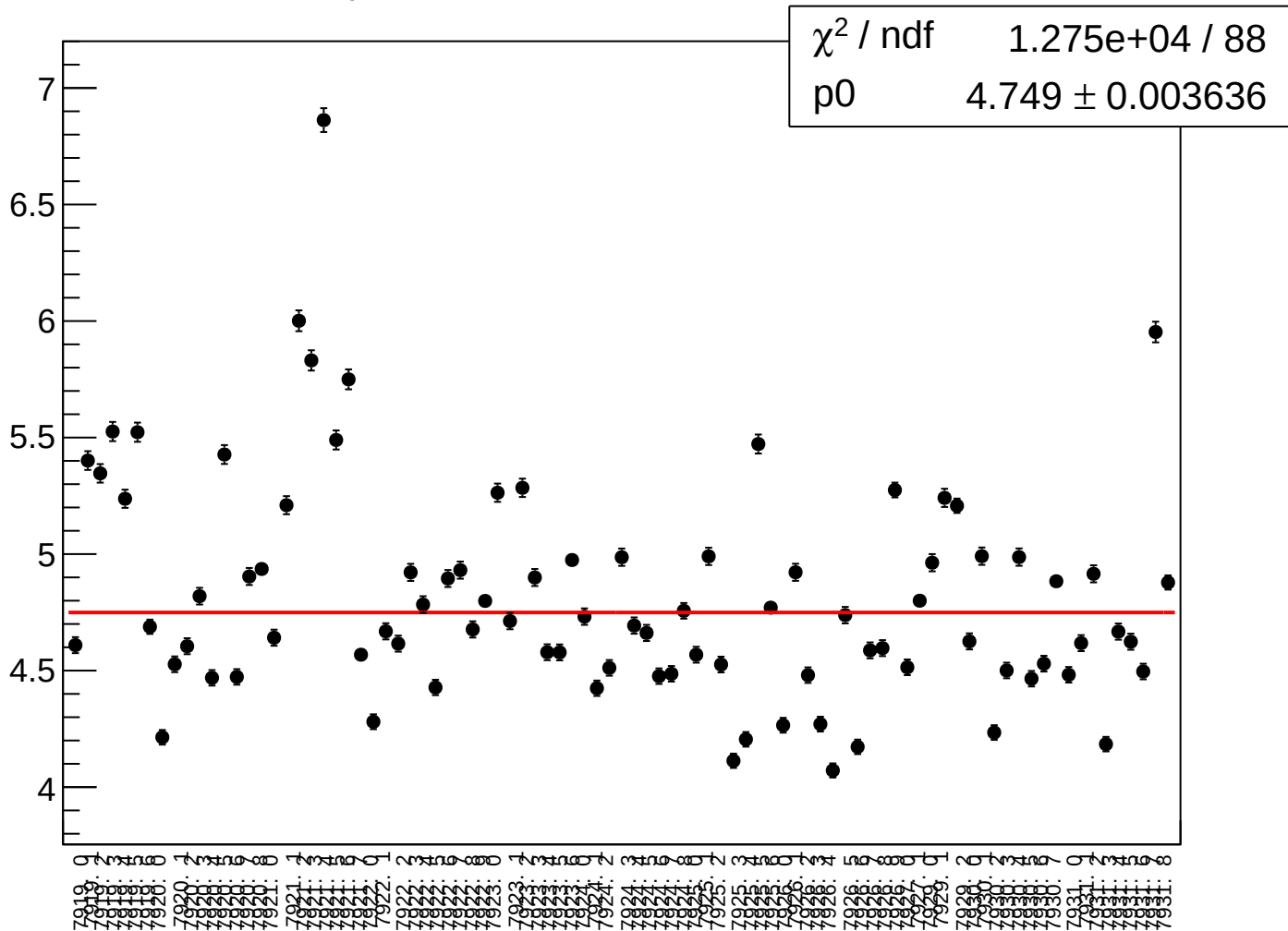
asym_bpm1i06WS_rms vs run



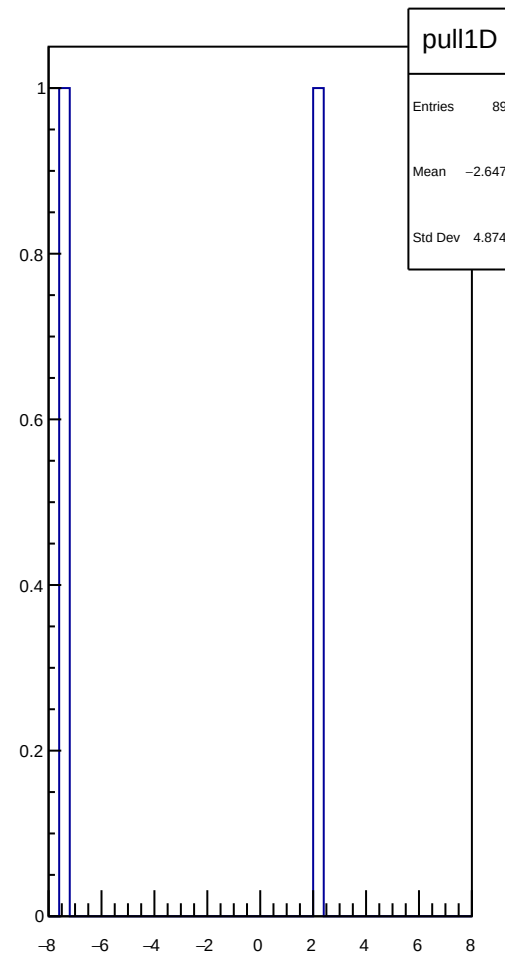
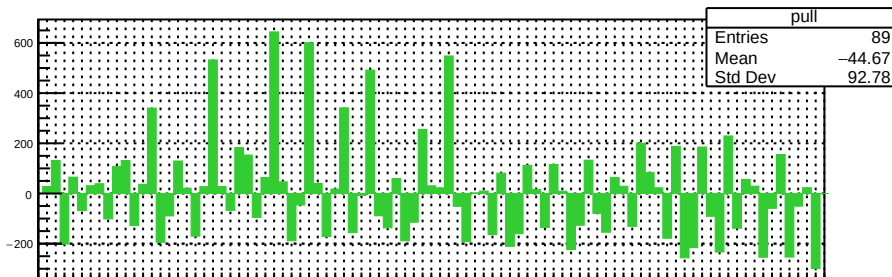
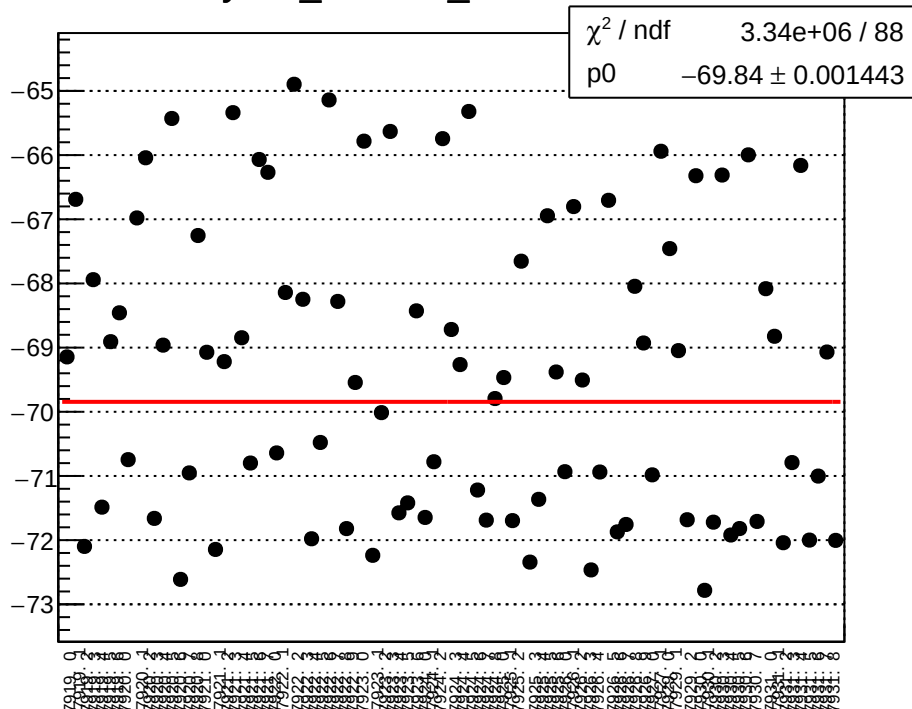
yield_cav4bX_mean vs run



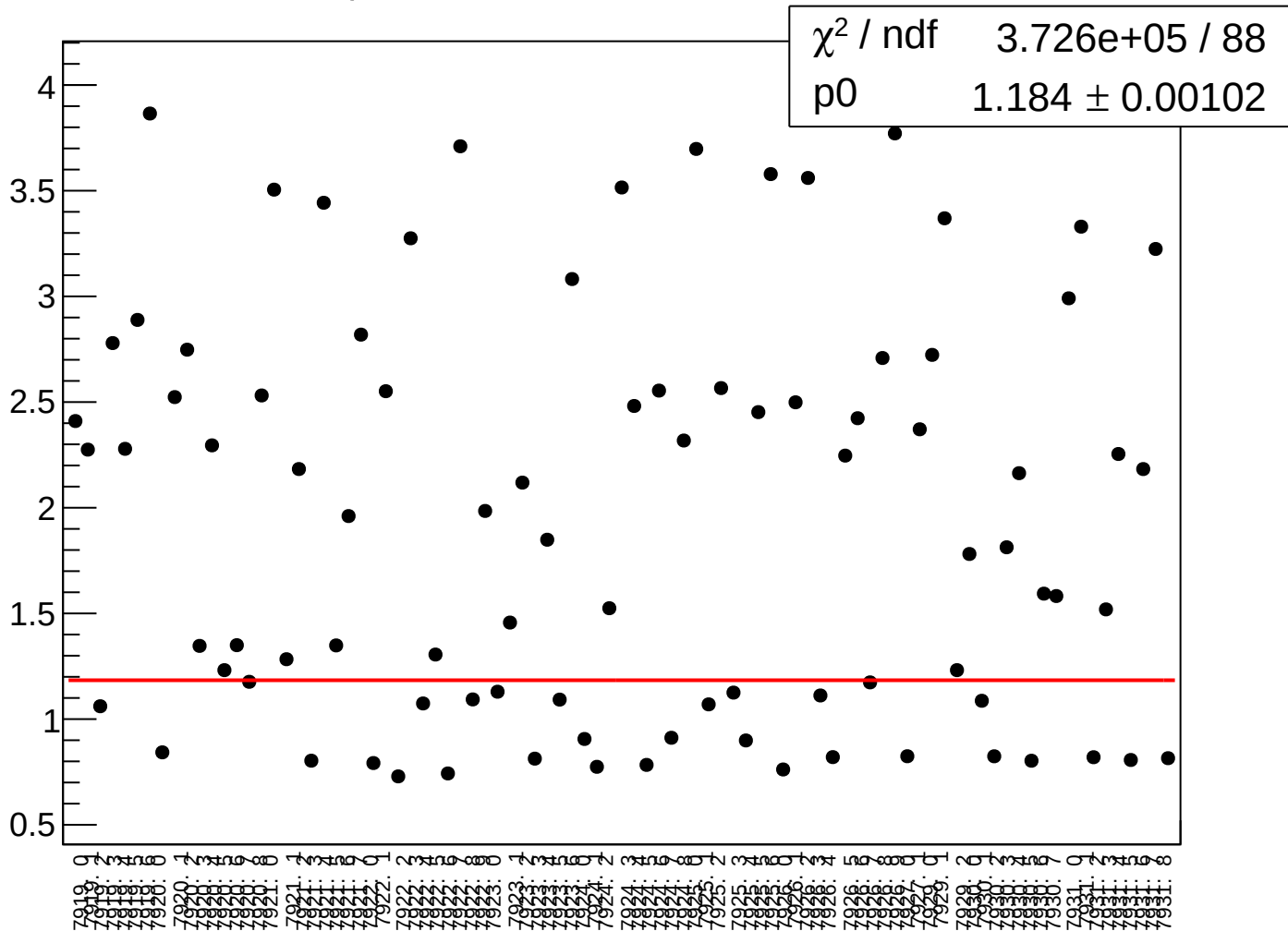
yield_cav4bX_rms vs run



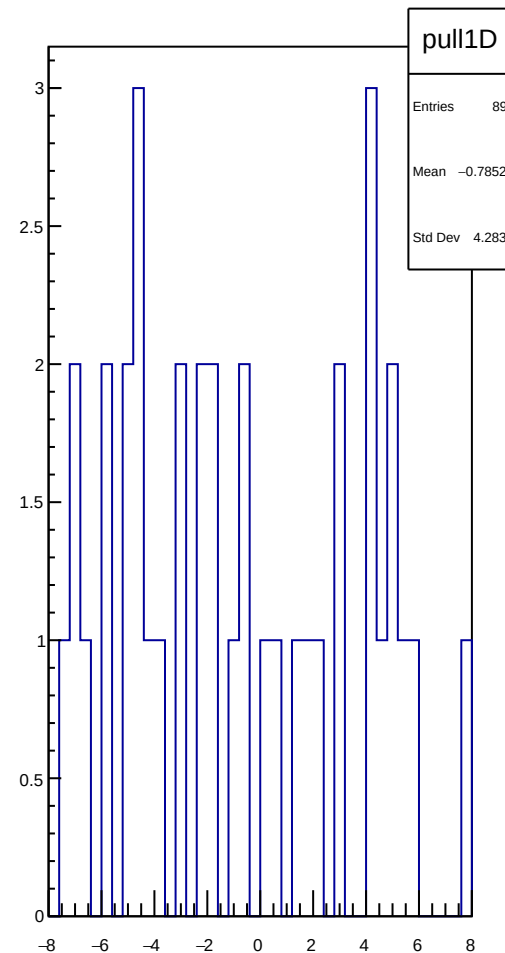
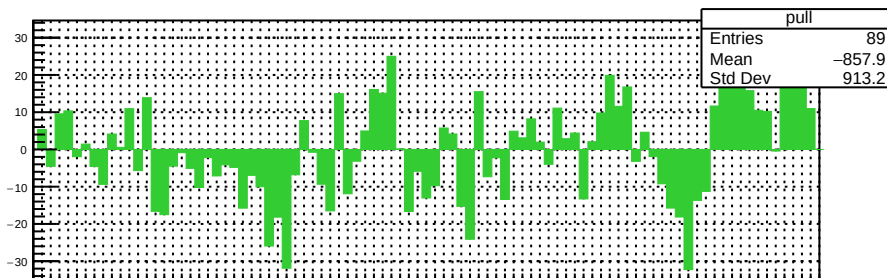
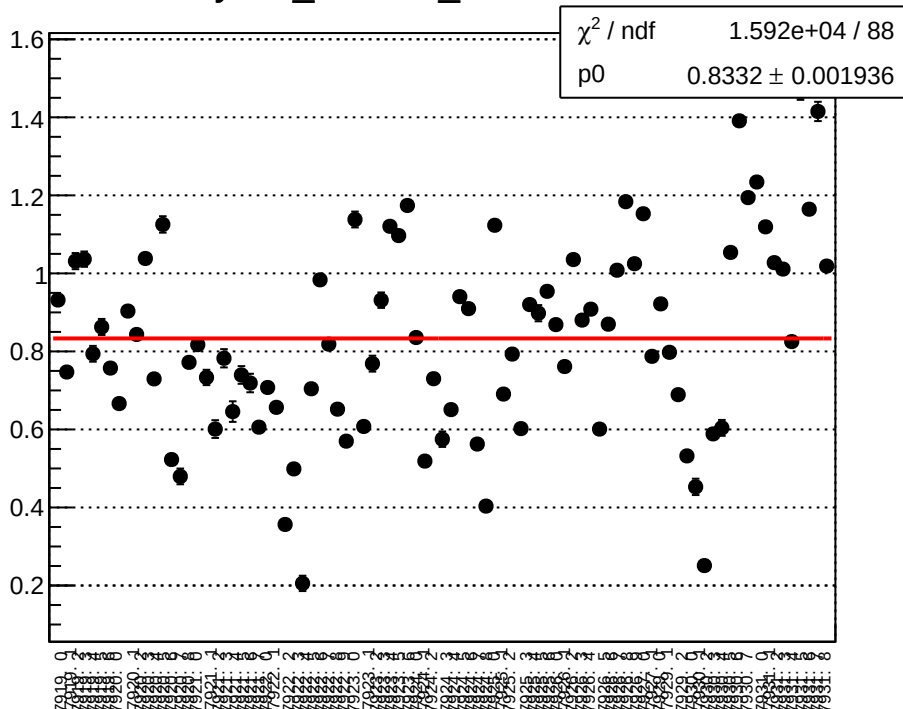
yield_cav4bY_mean vs run



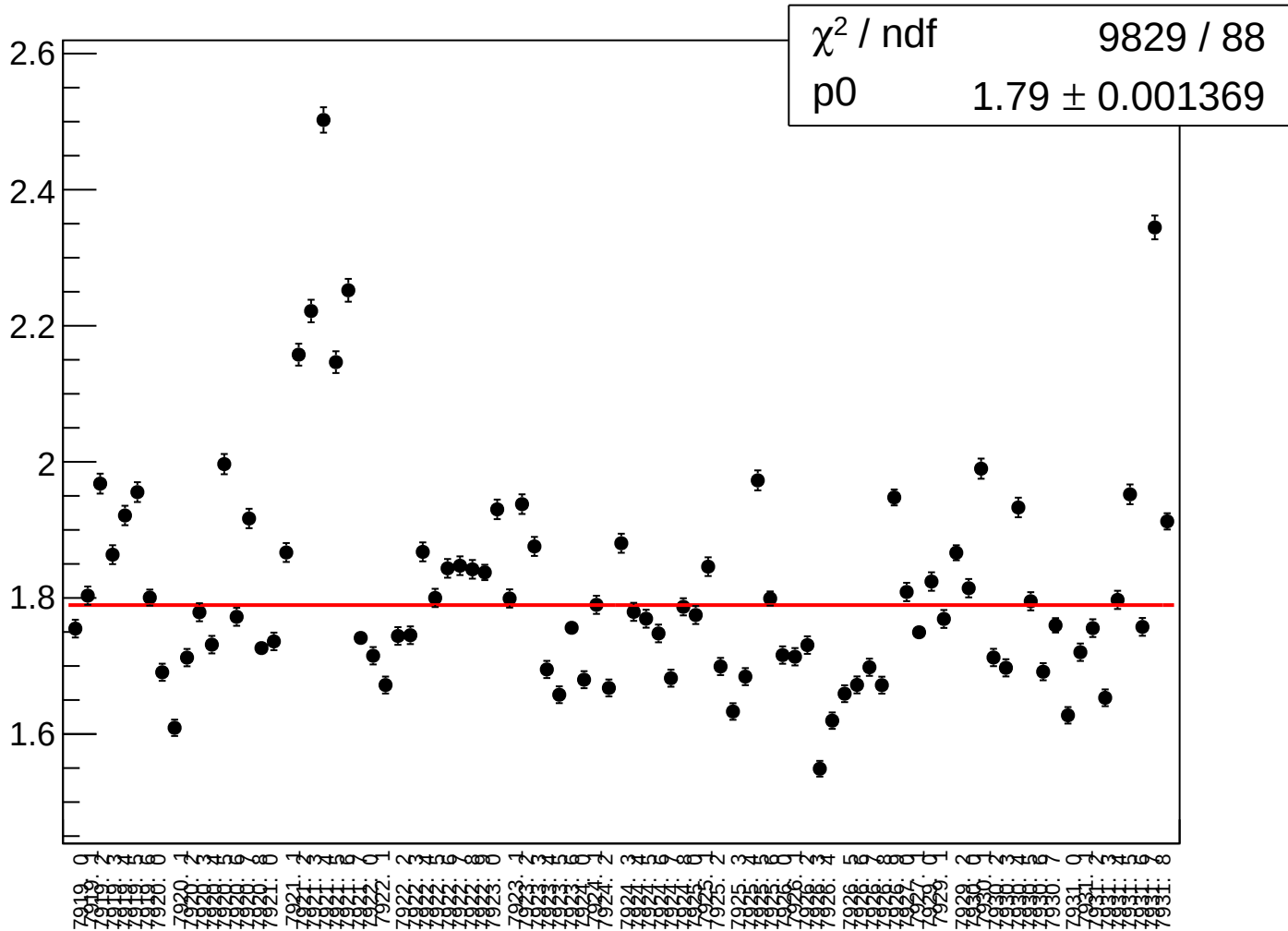
yield_cav4bY_rms vs run



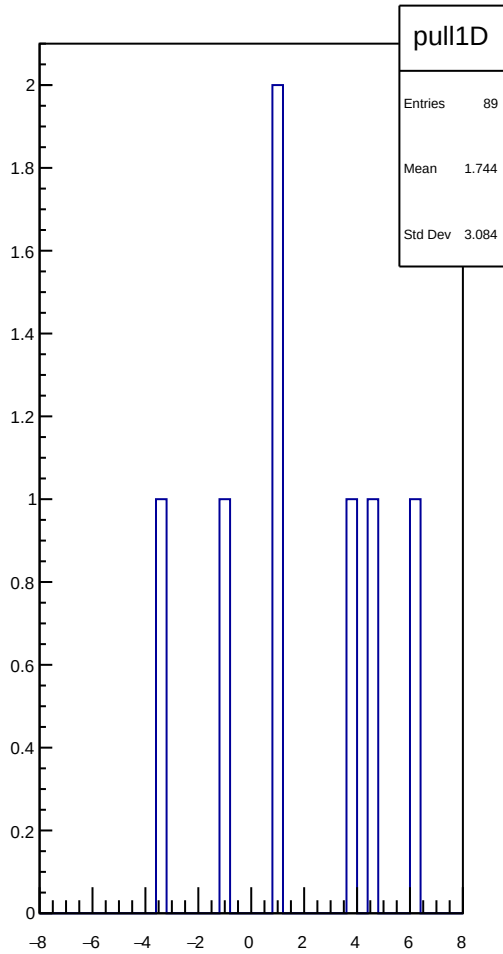
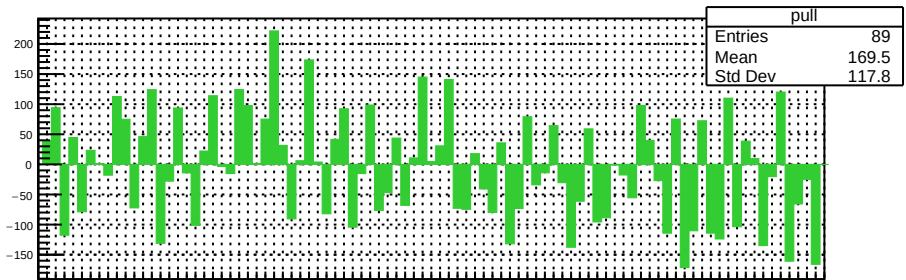
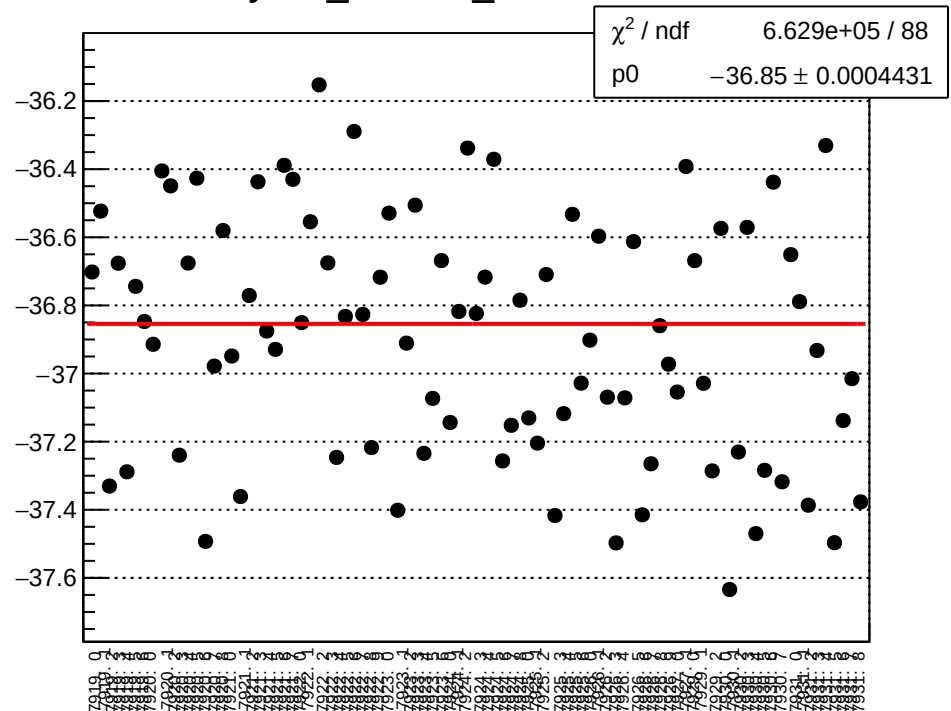
yield_cav4cX_mean vs run



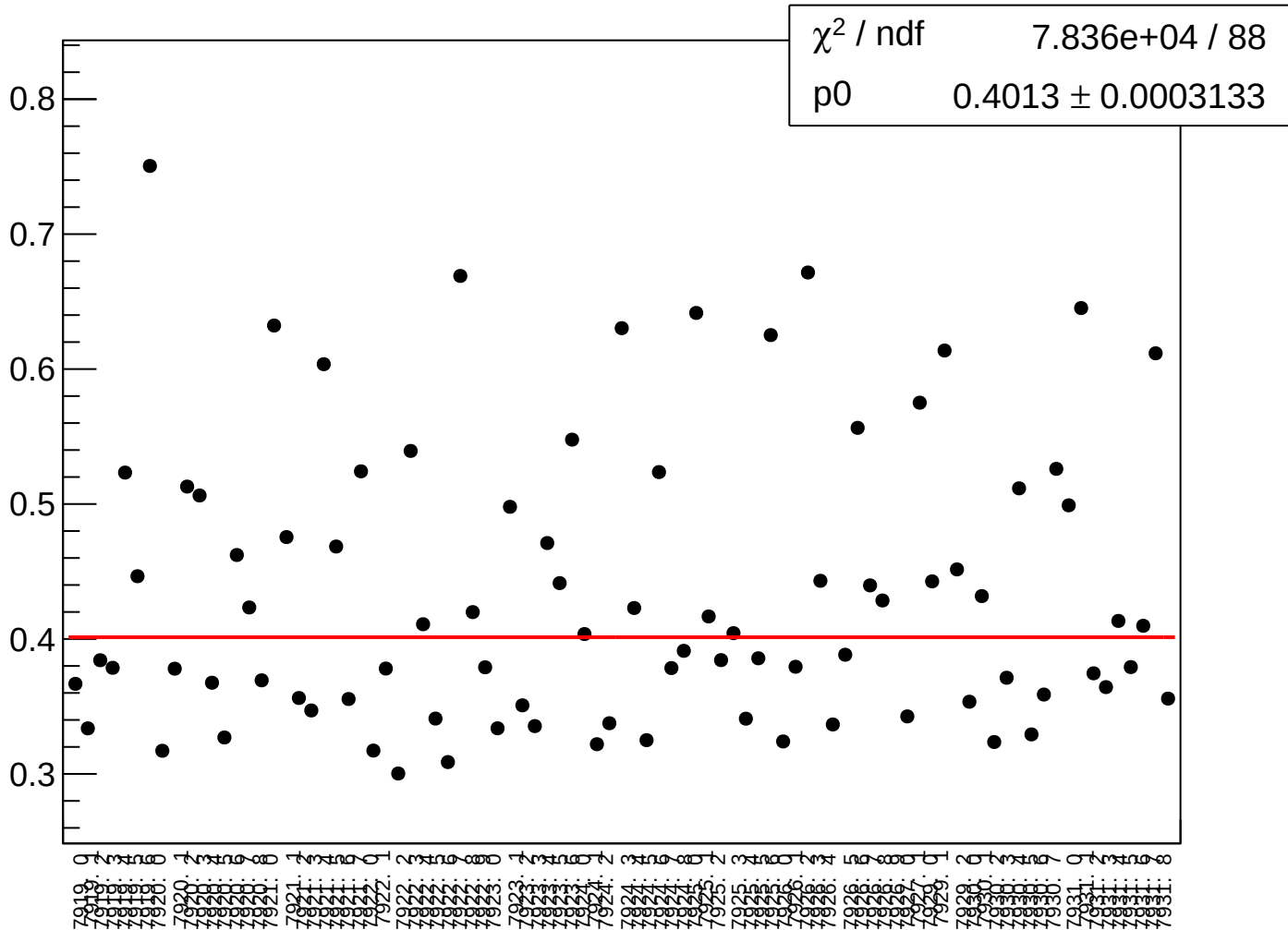
yield_cav4cX_rms vs run



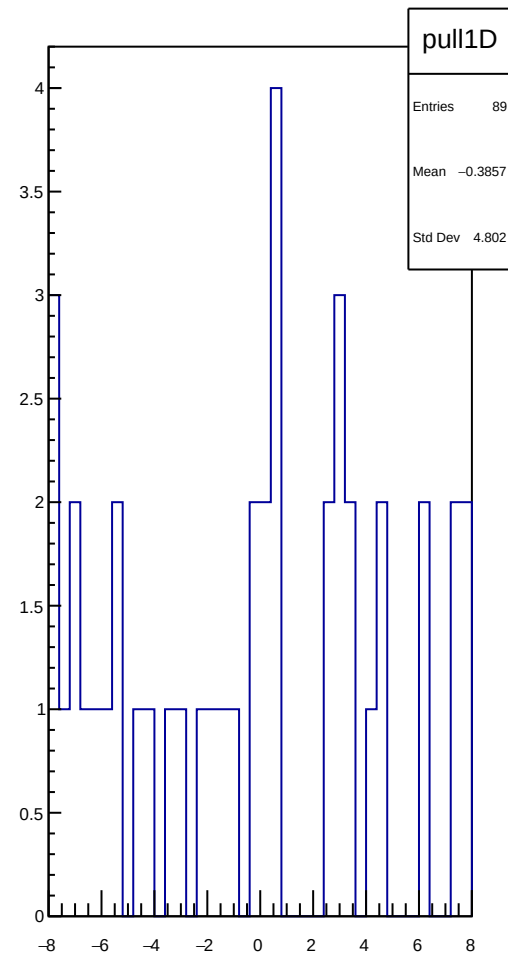
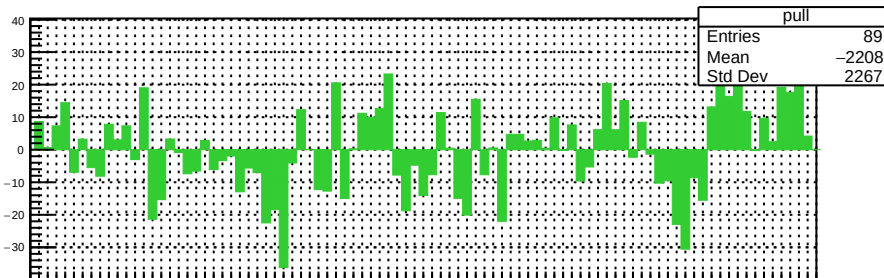
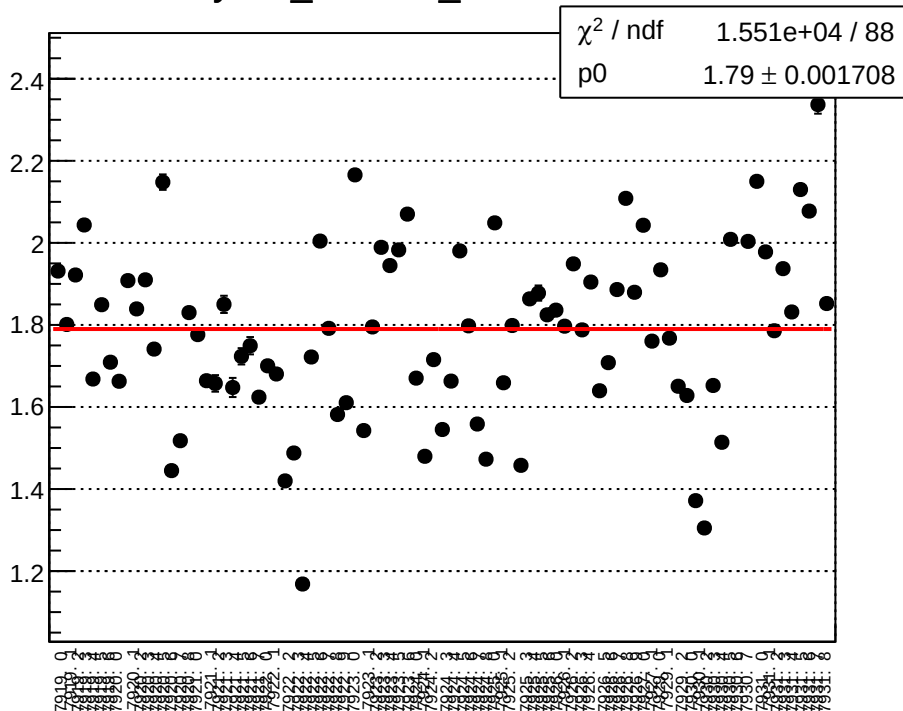
yield_cav4cY_mean vs run



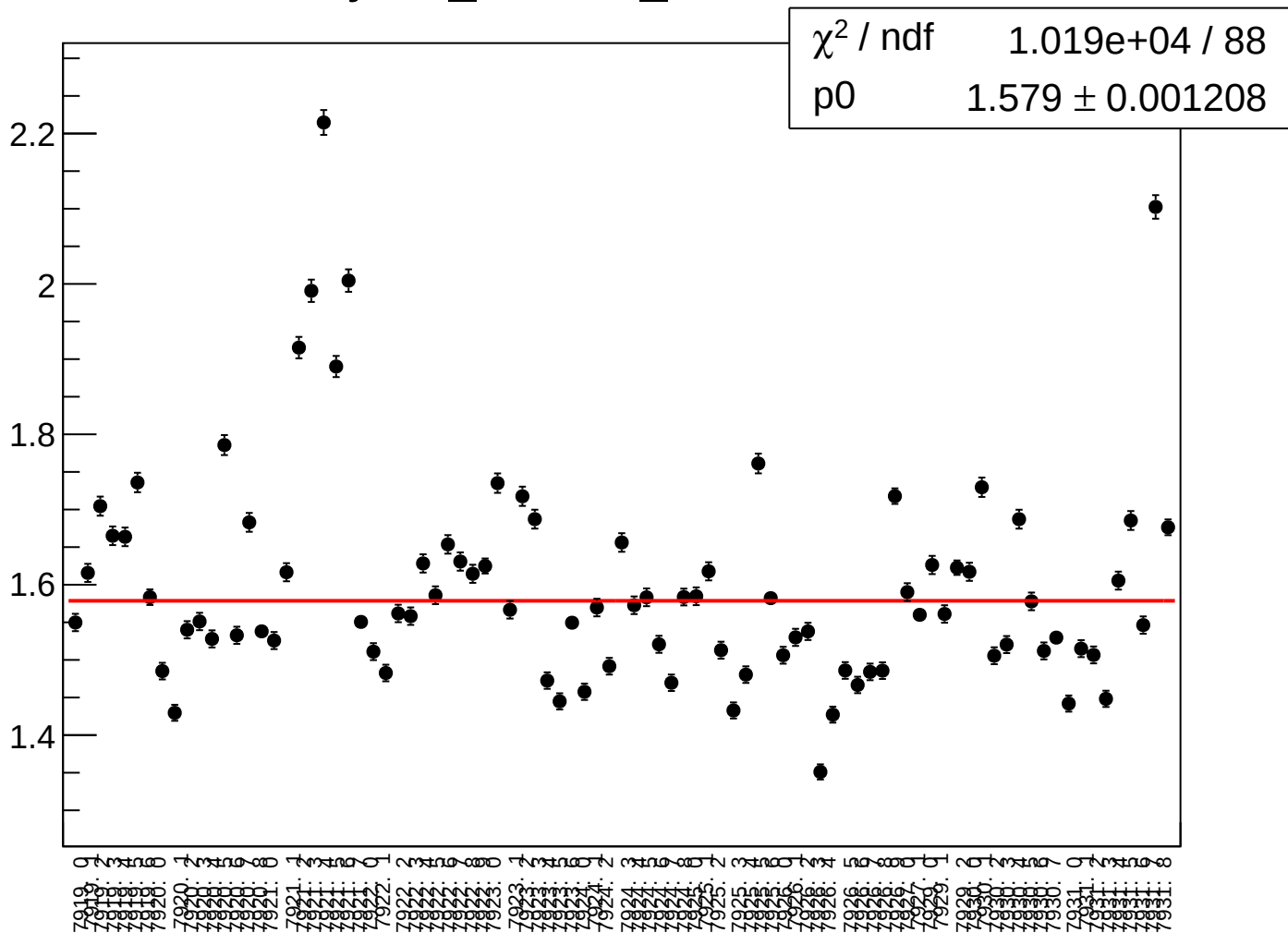
yield_cav4cY_rms vs run



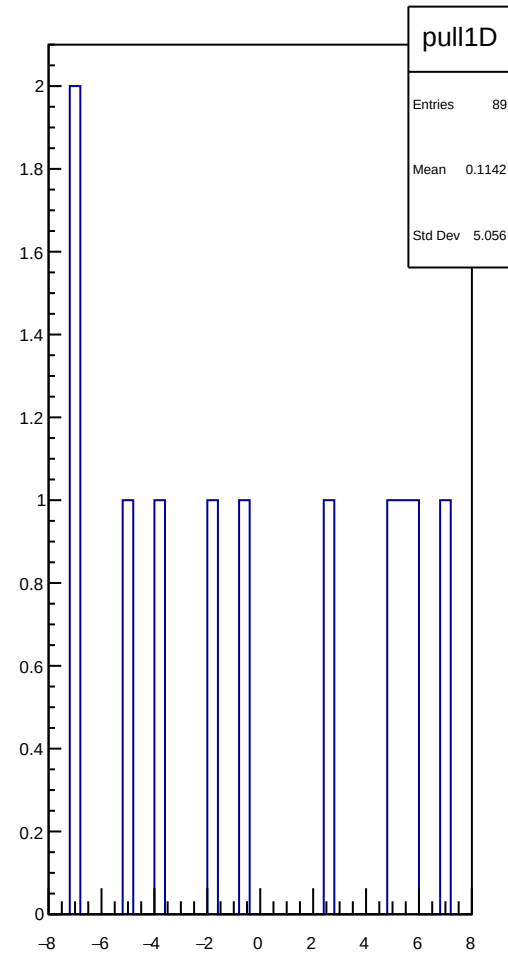
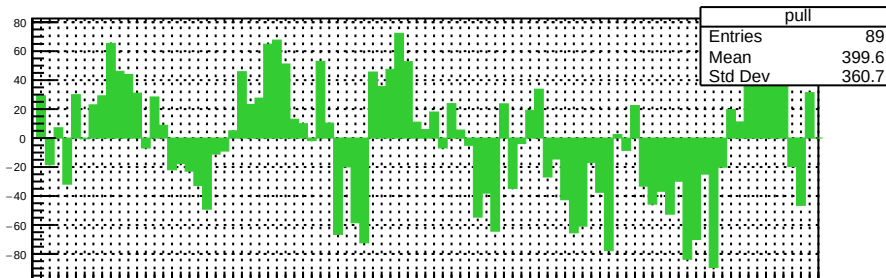
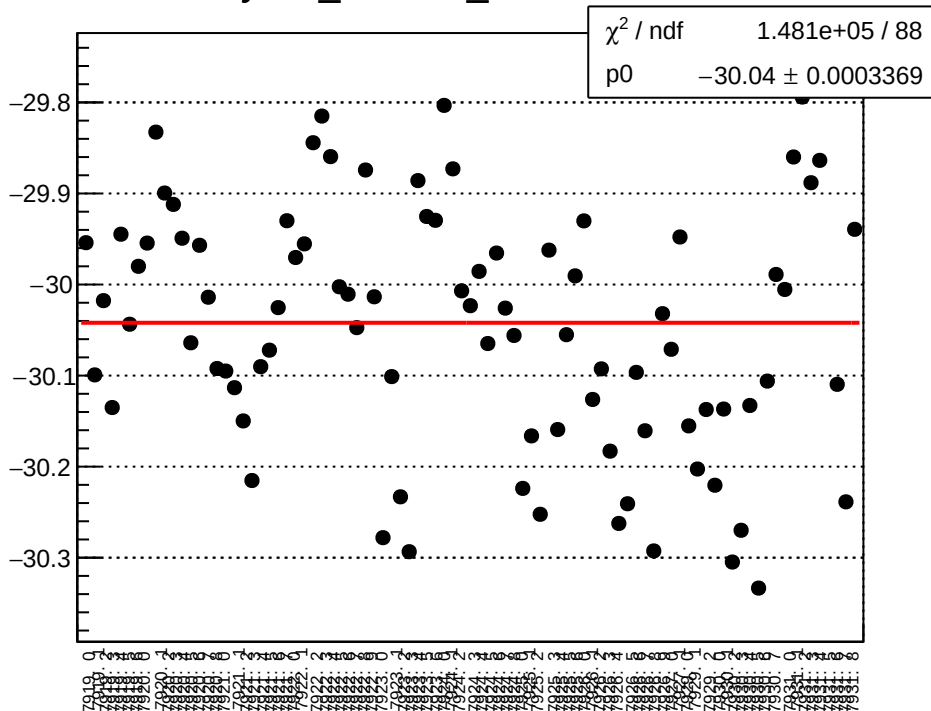
yield_cav4dX_mean vs run



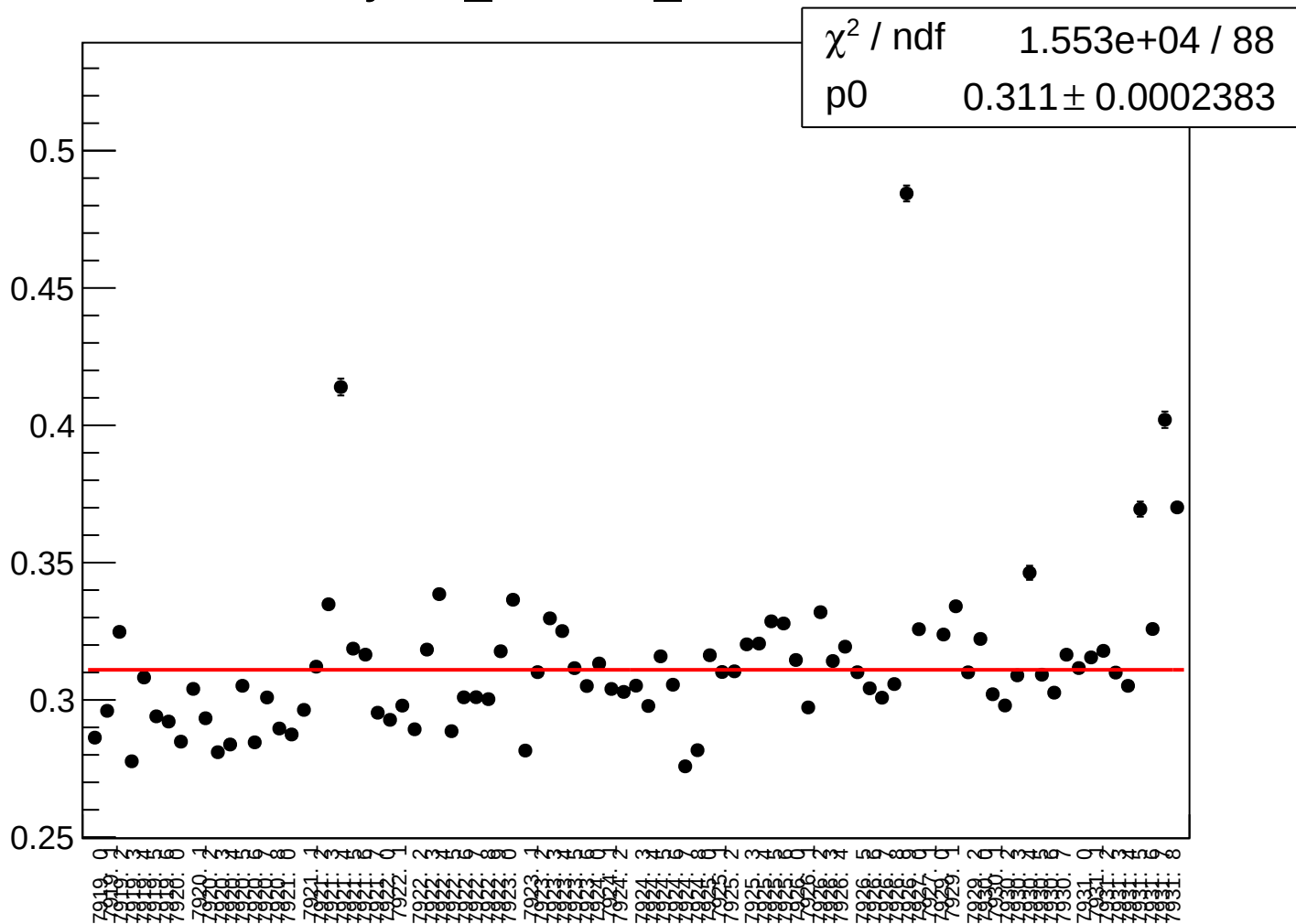
yield_cav4dX_rms vs run



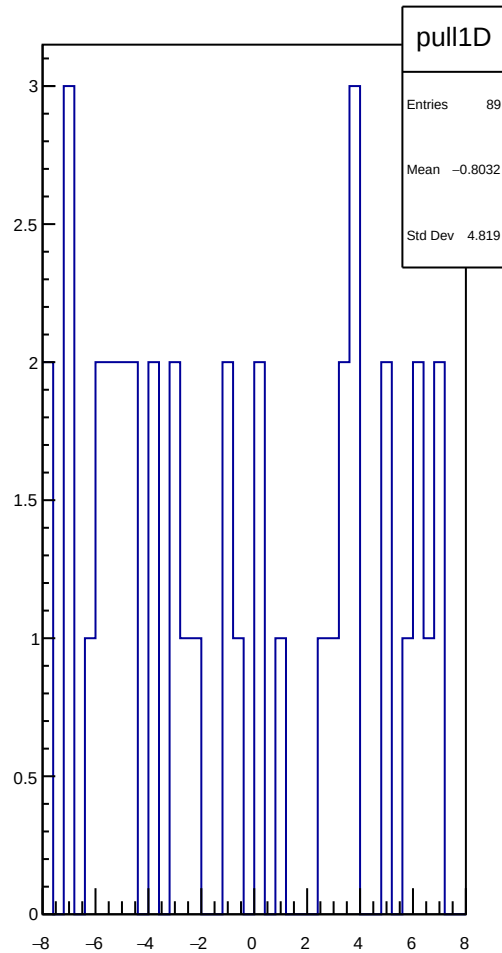
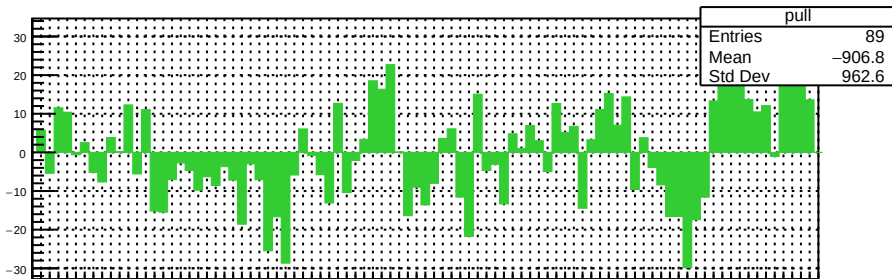
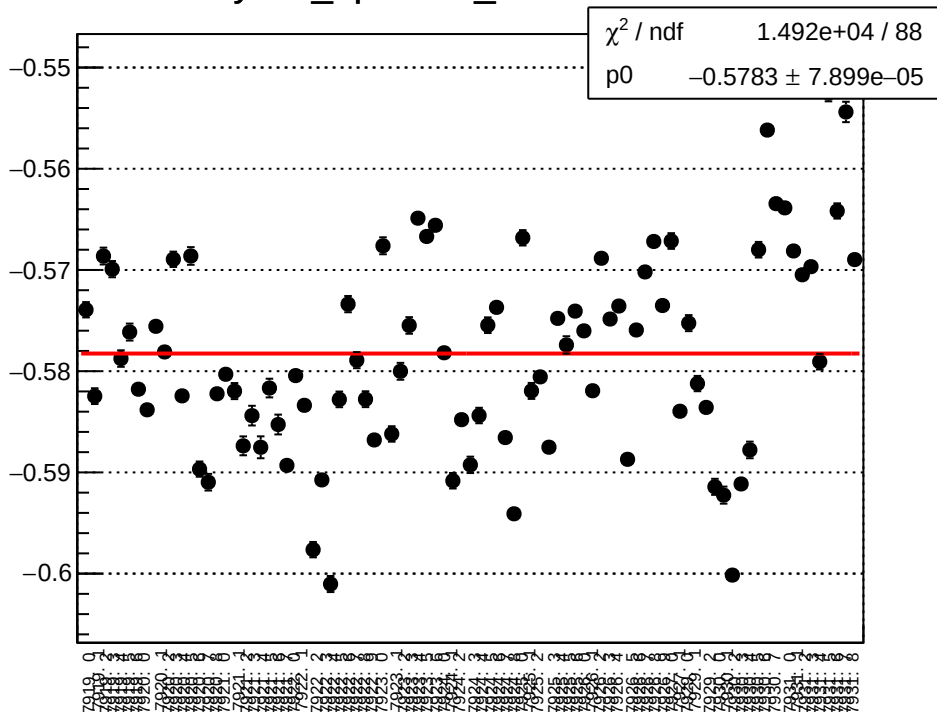
yield_cav4dY_mean vs run



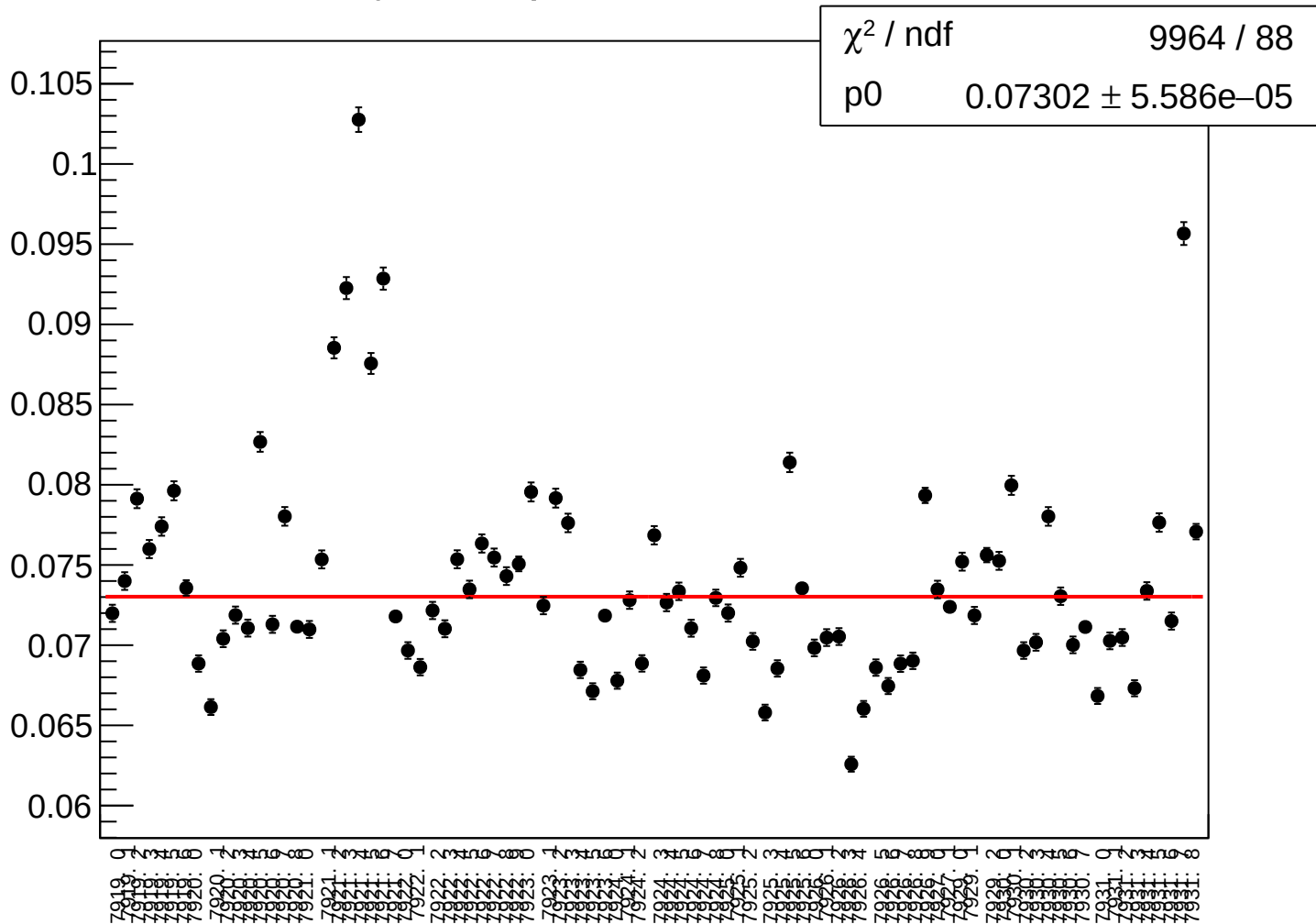
yield_cav4dY_rms vs run



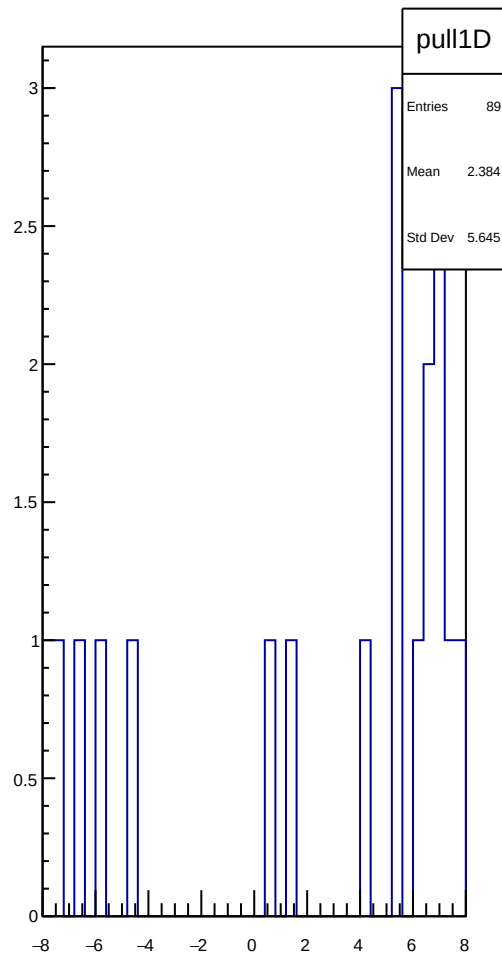
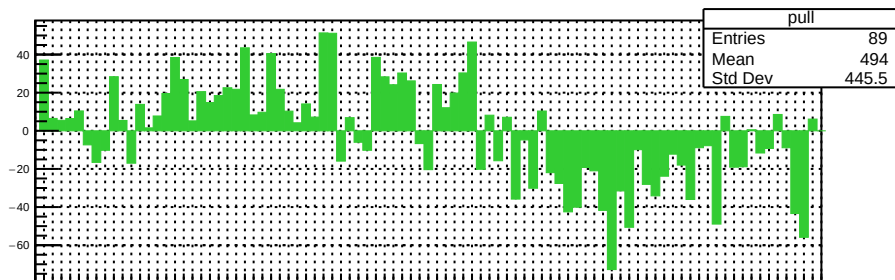
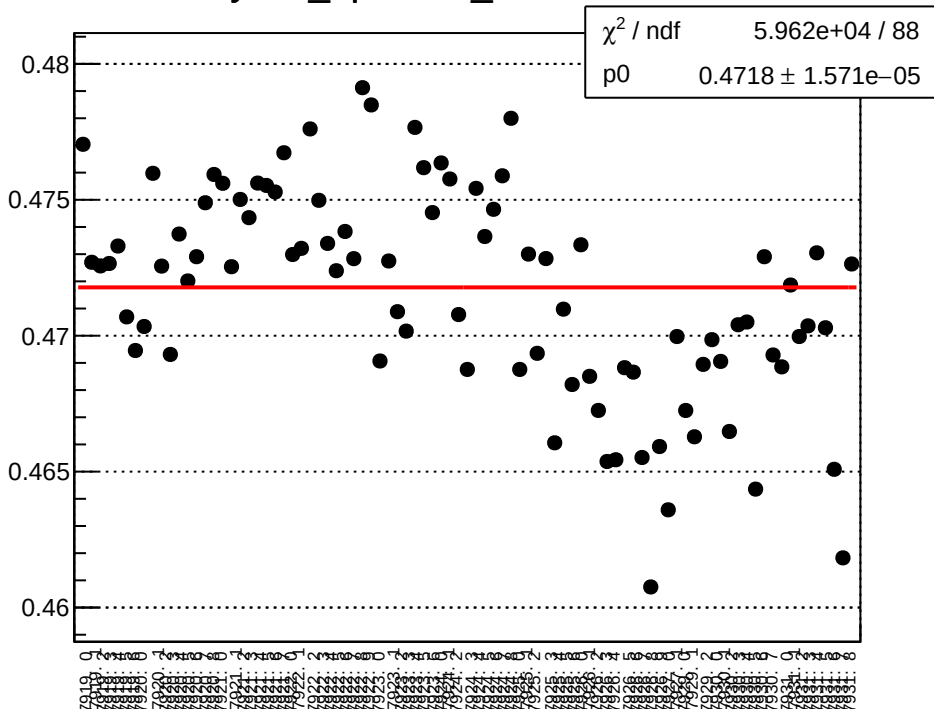
yield_bpm4aX_mean vs run



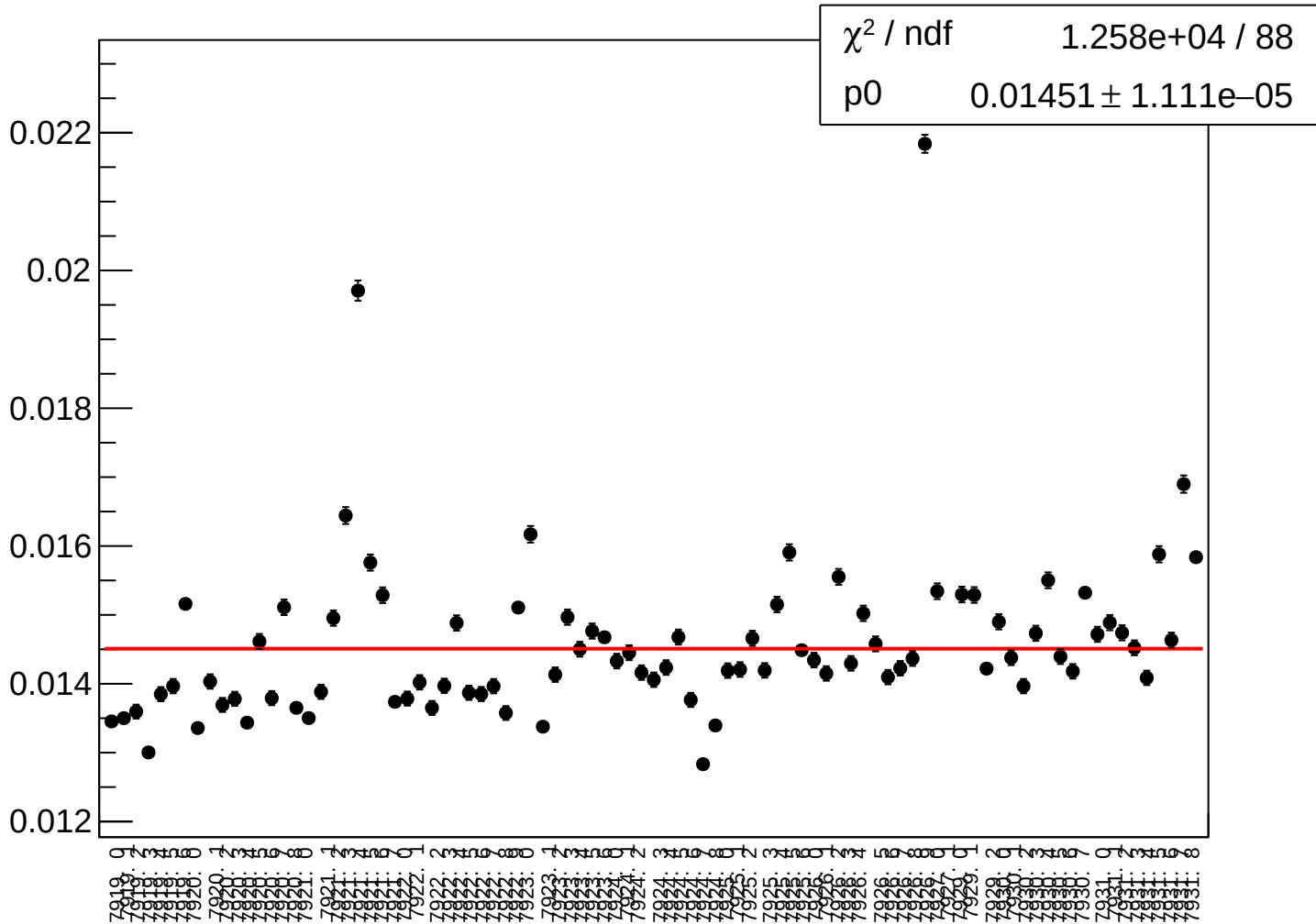
yield_bpm4aX_rms vs run



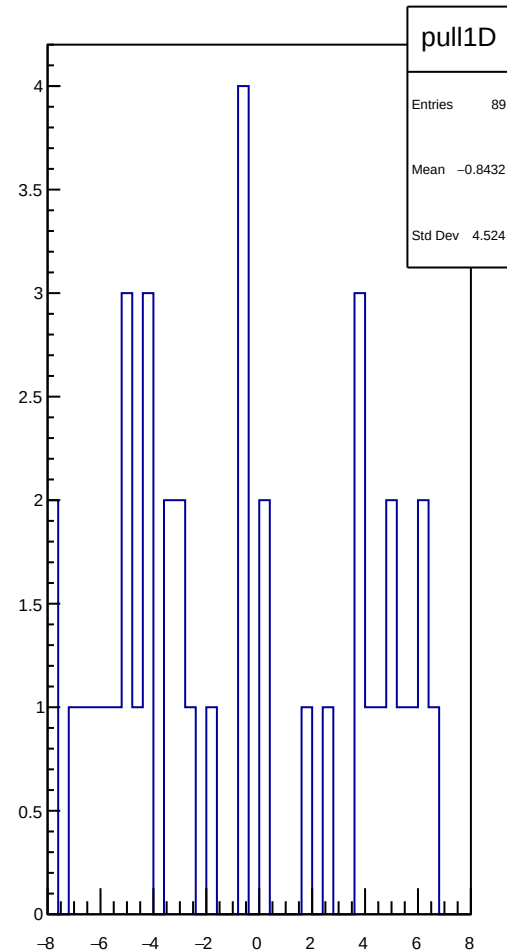
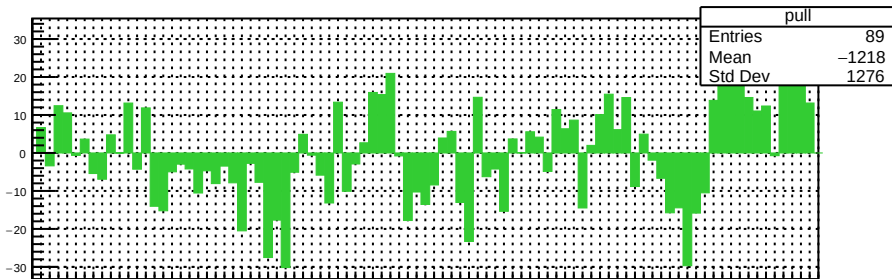
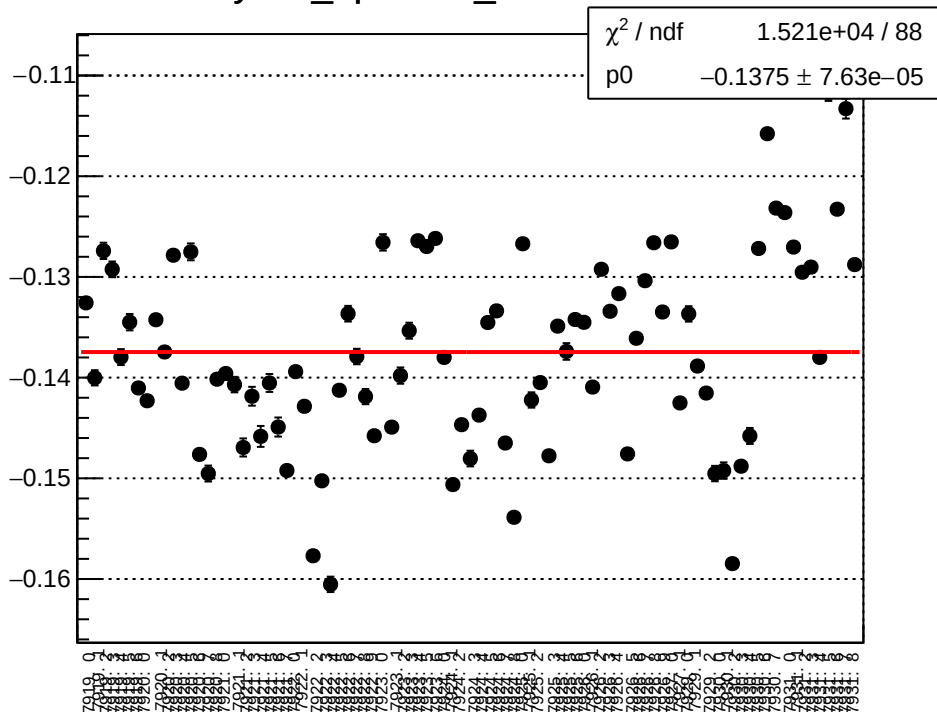
yield_bpm4aY_mean vs run



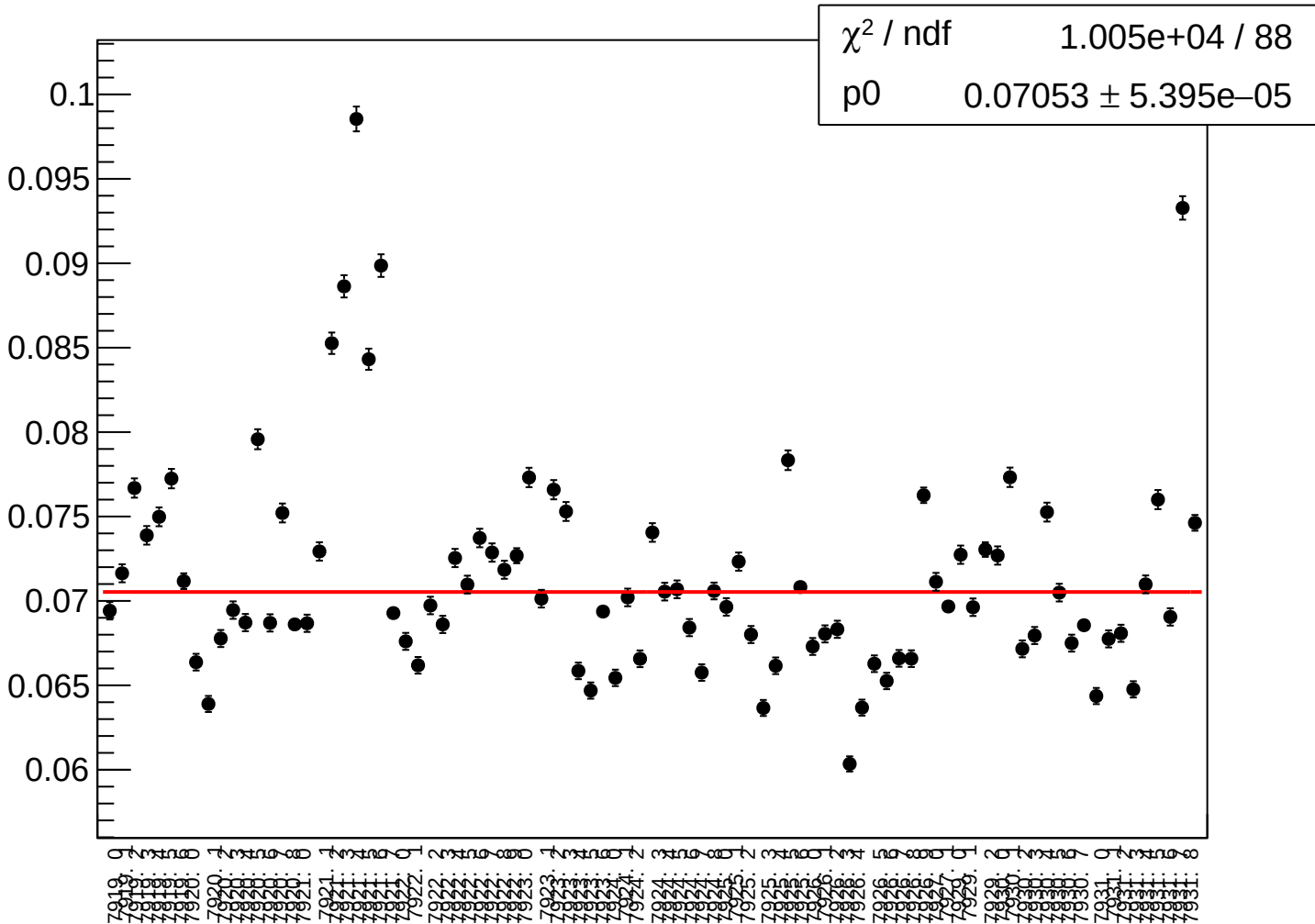
yield_bpm4aY_rms vs run



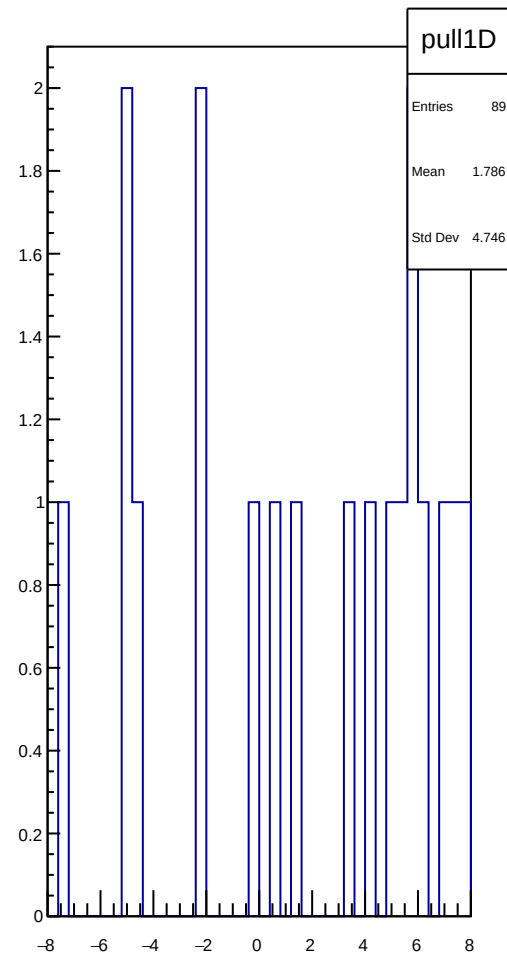
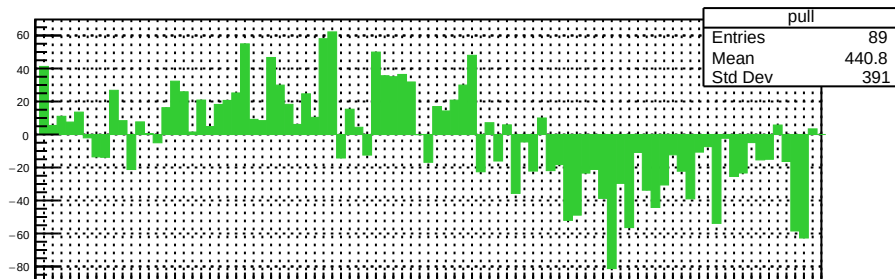
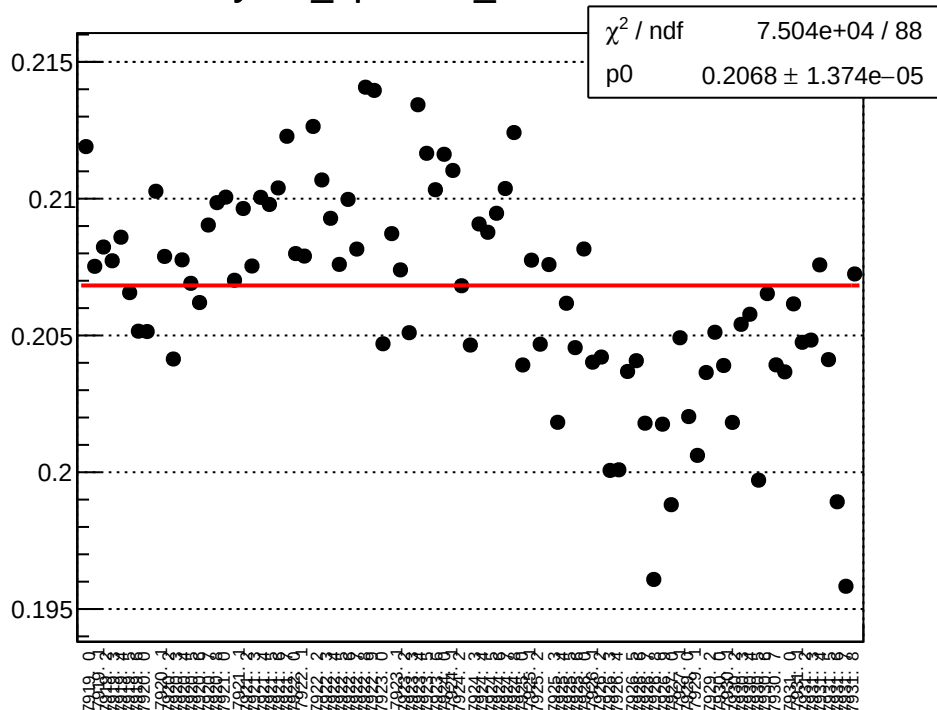
yield_bpm4eX_mean vs run



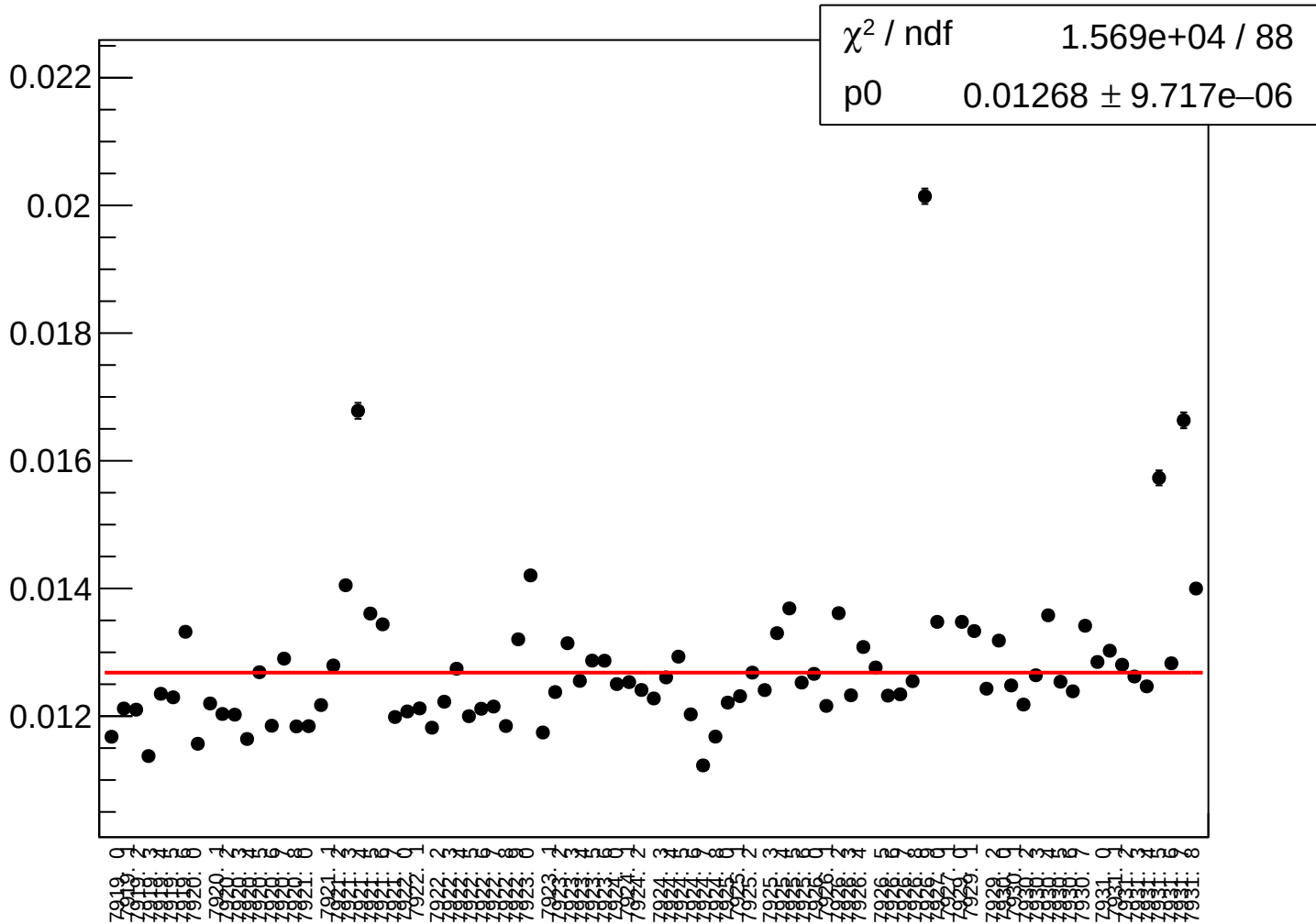
yield_bpm4eX_rms vs run



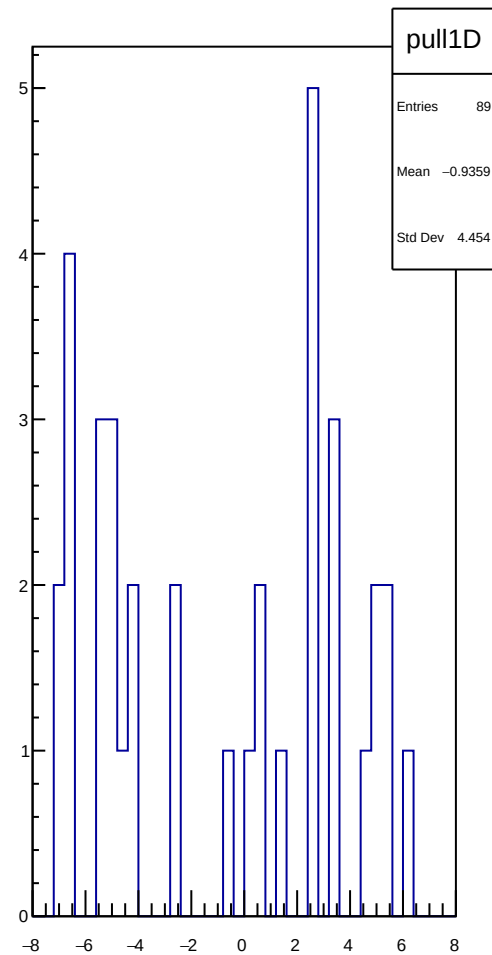
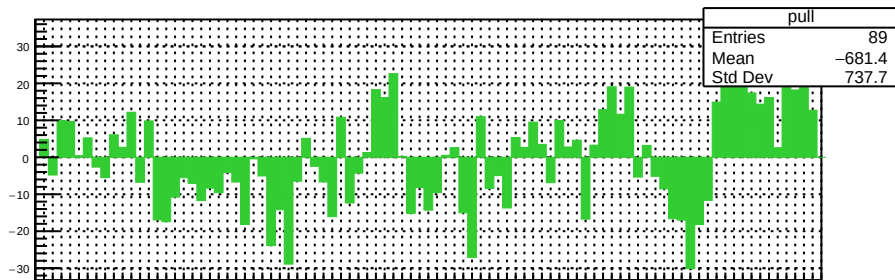
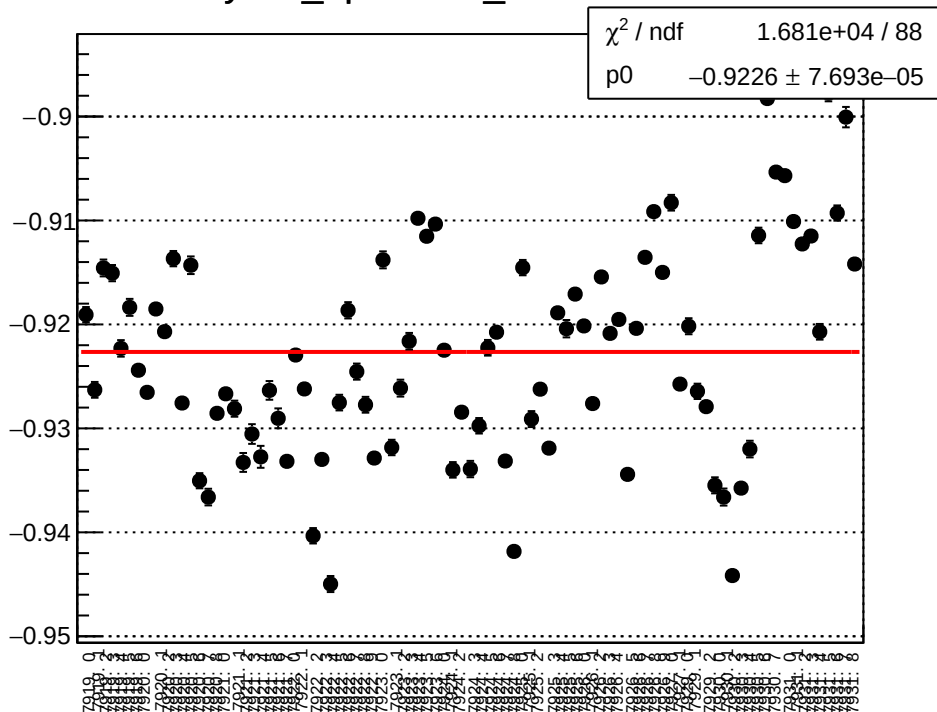
yield_bpm4eY_mean vs run



yield_bpm4eY_rms vs run



yield_bpm4acX_mean vs run



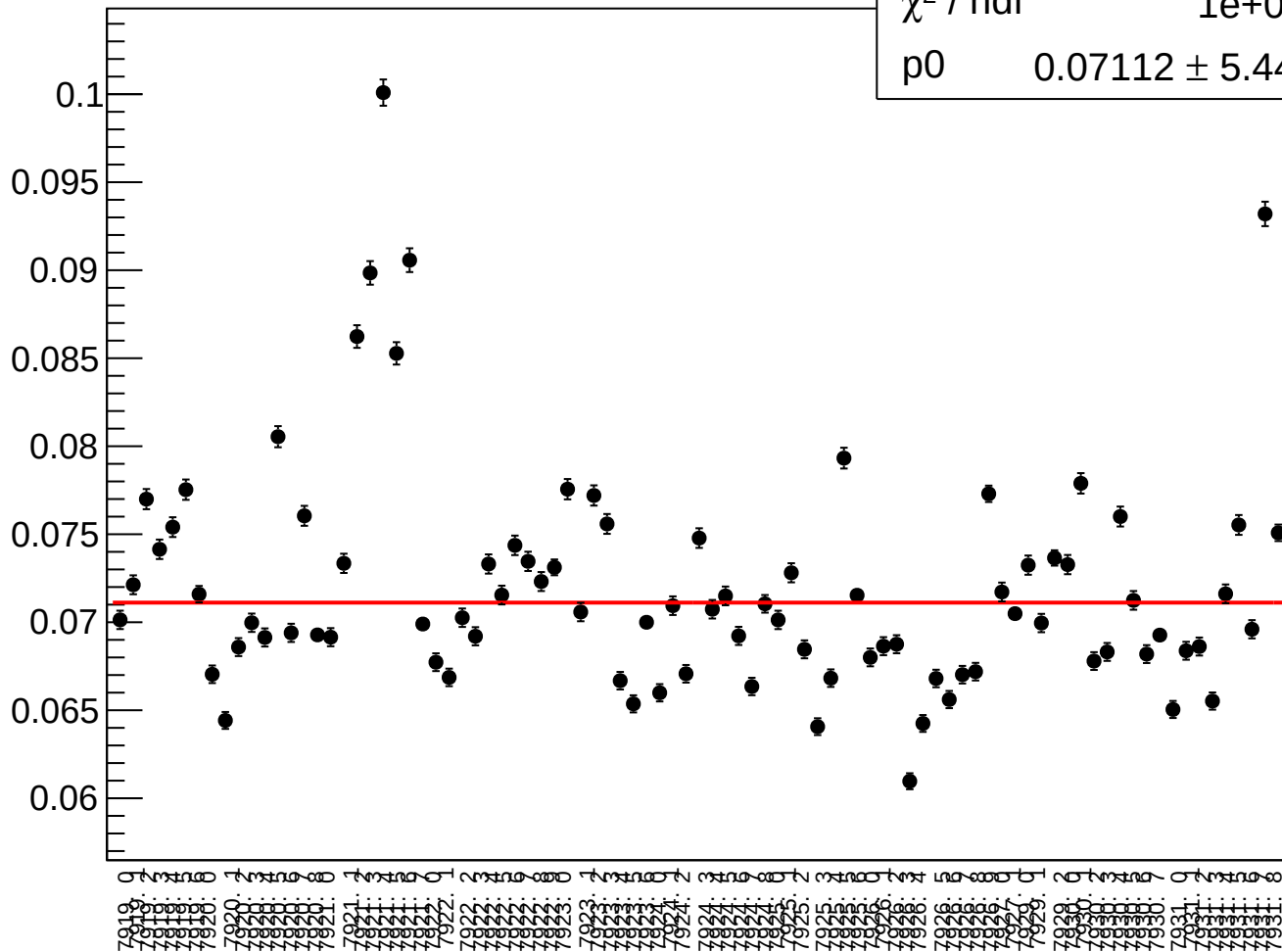
yield_bpm4acX_rms vs run

χ^2 / ndf

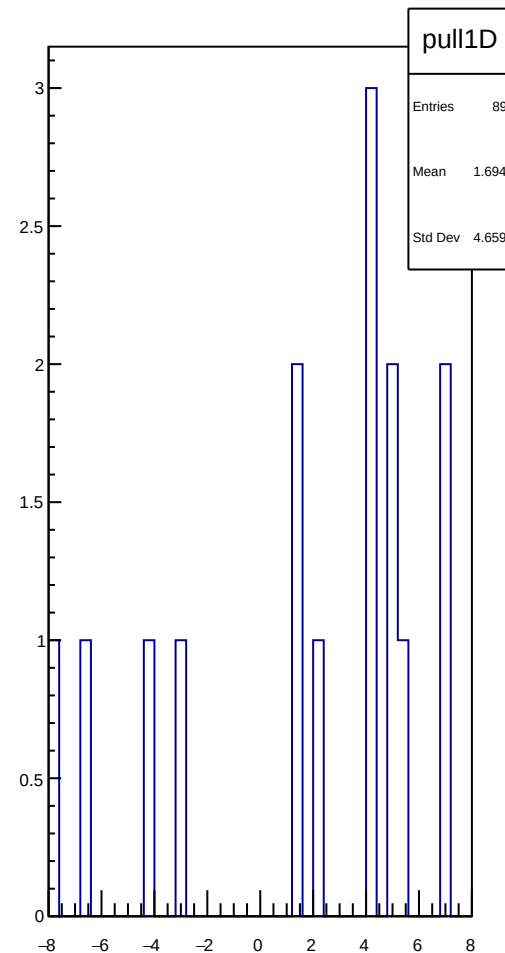
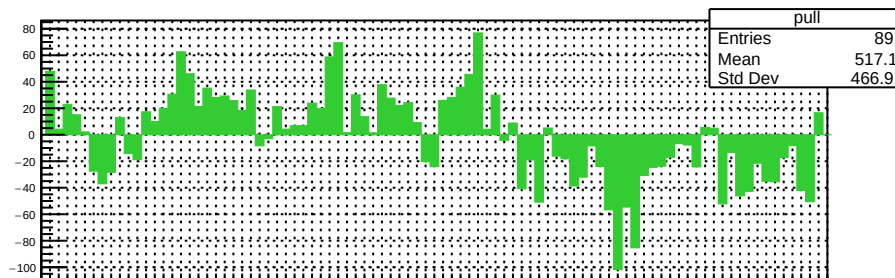
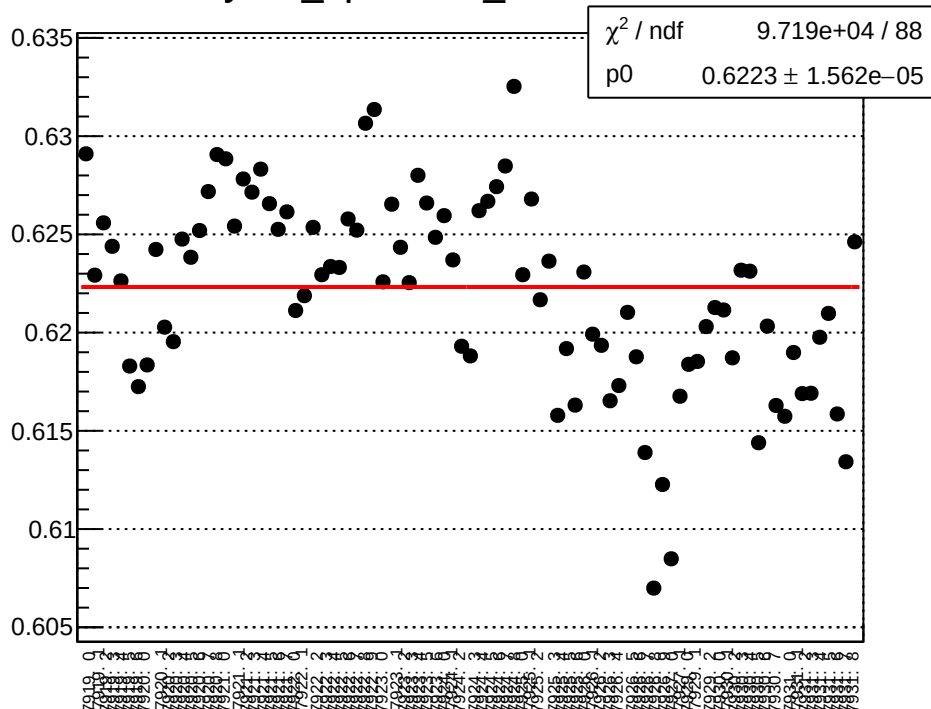
1e+04 / 88

p0

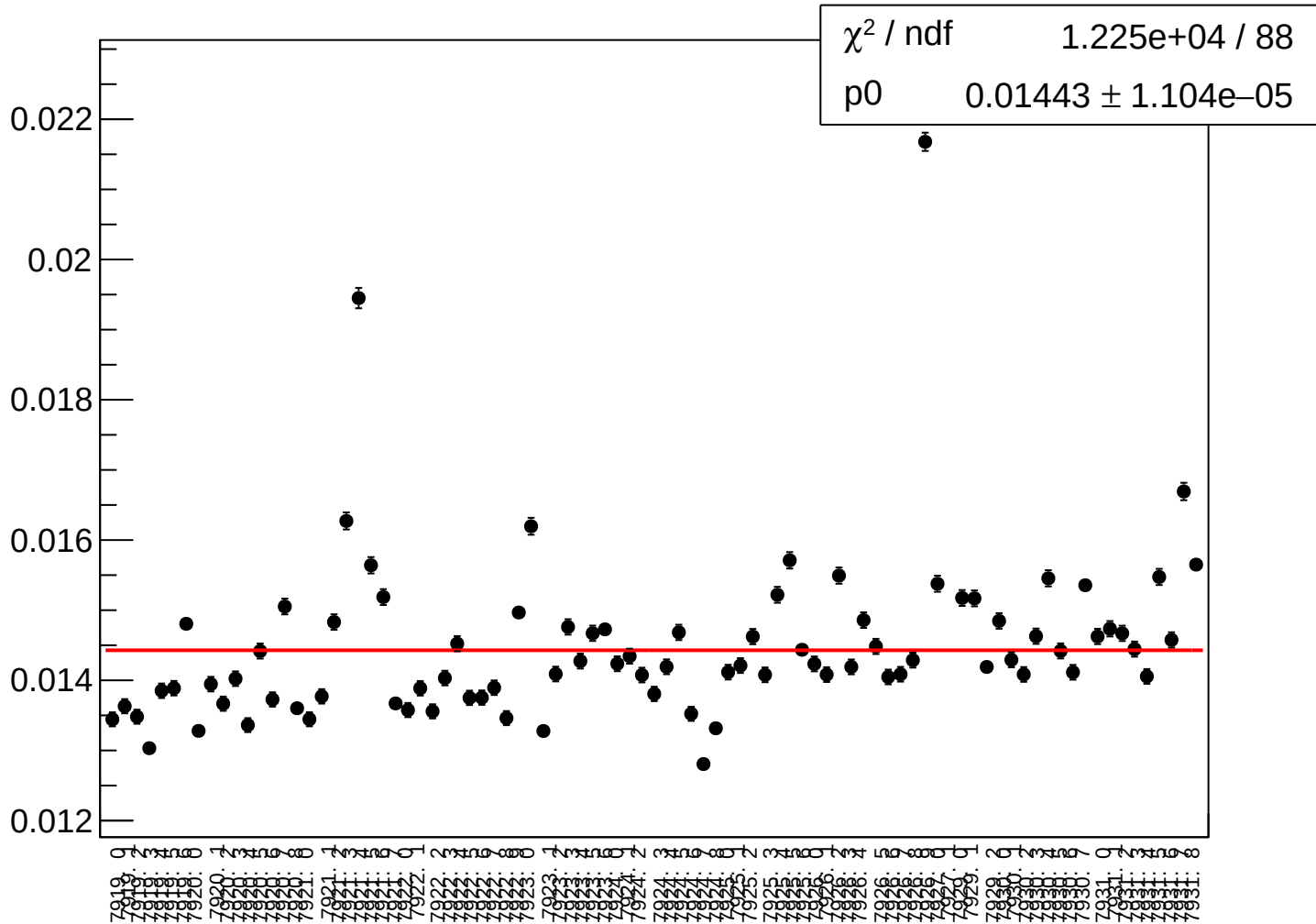
$0.07112 \pm 5.44\text{e-}05$



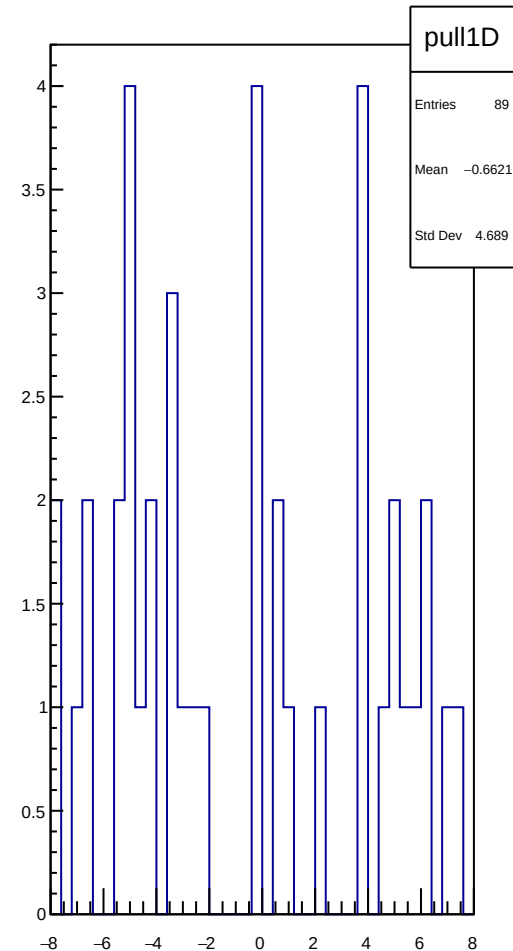
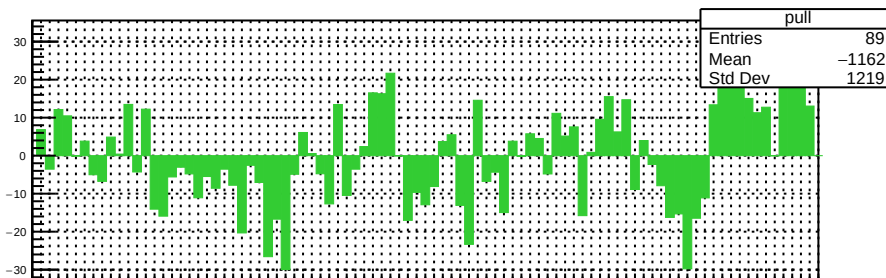
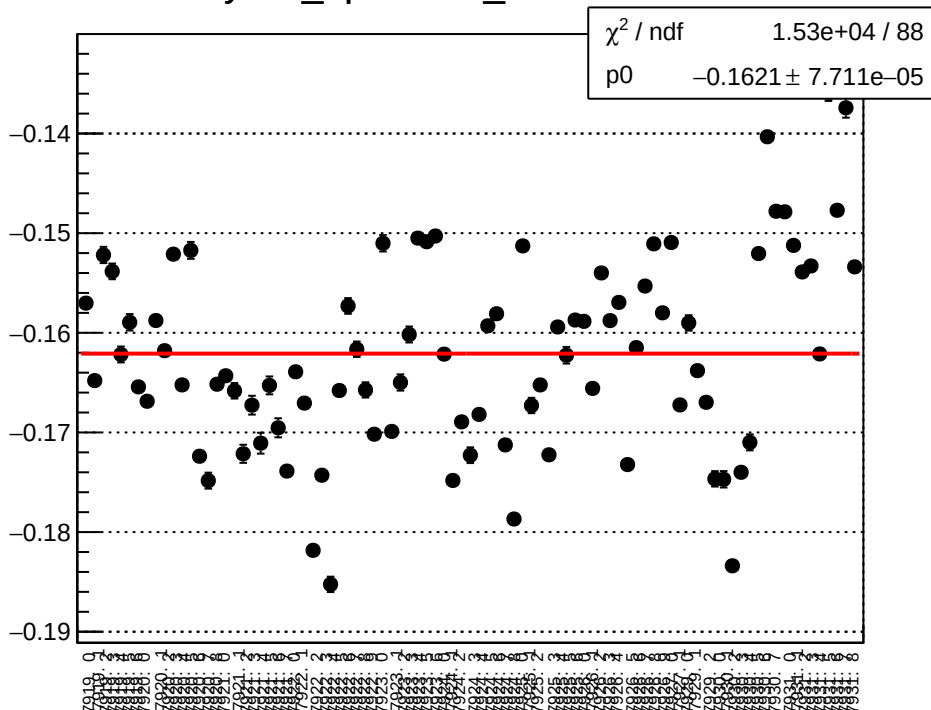
yield_bpm4acY_mean vs run



yield_bpm4acY_rms vs run



yield_bpm4ecX_mean vs run



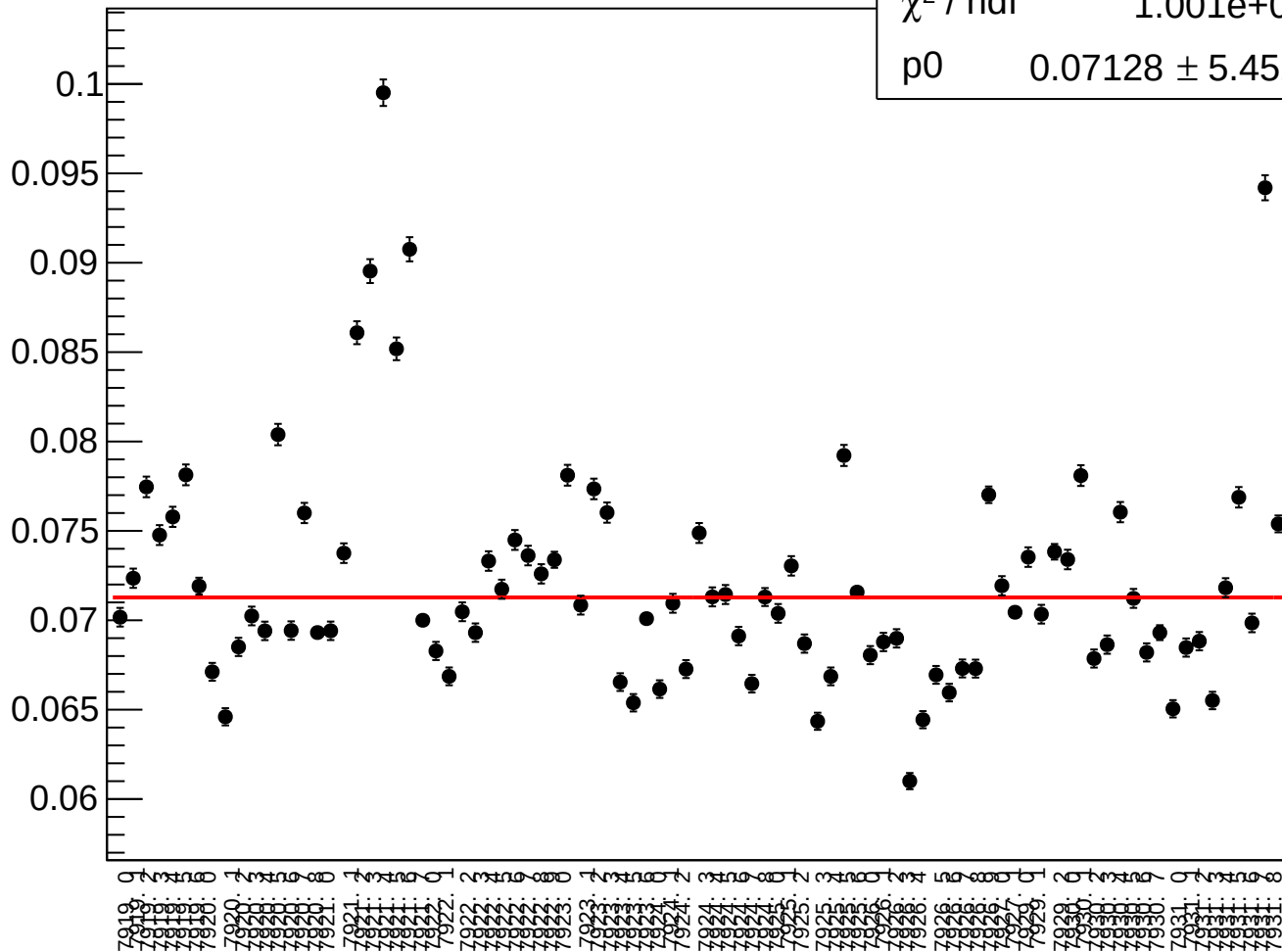
yield_bpm4ecX_rms vs run

χ^2 / ndf

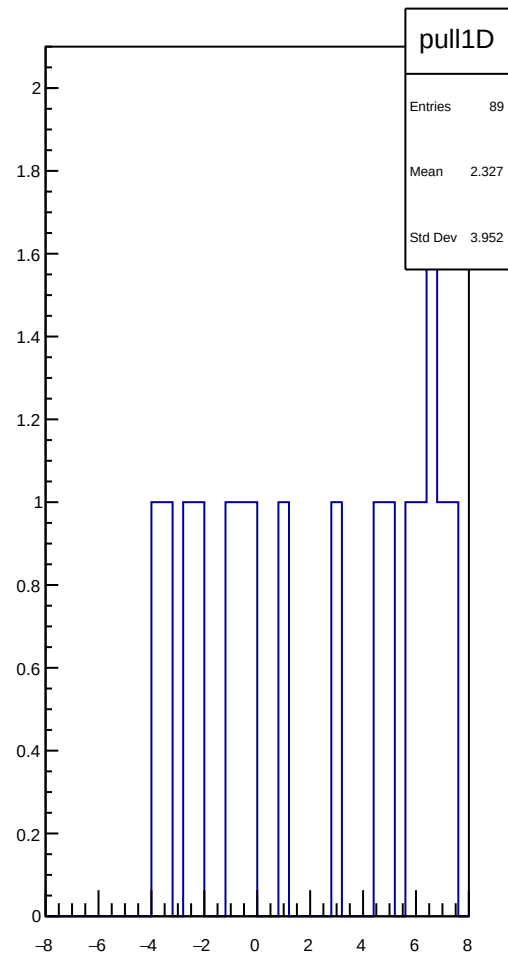
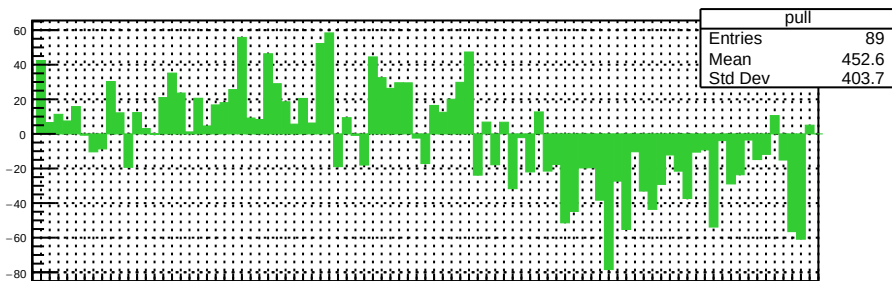
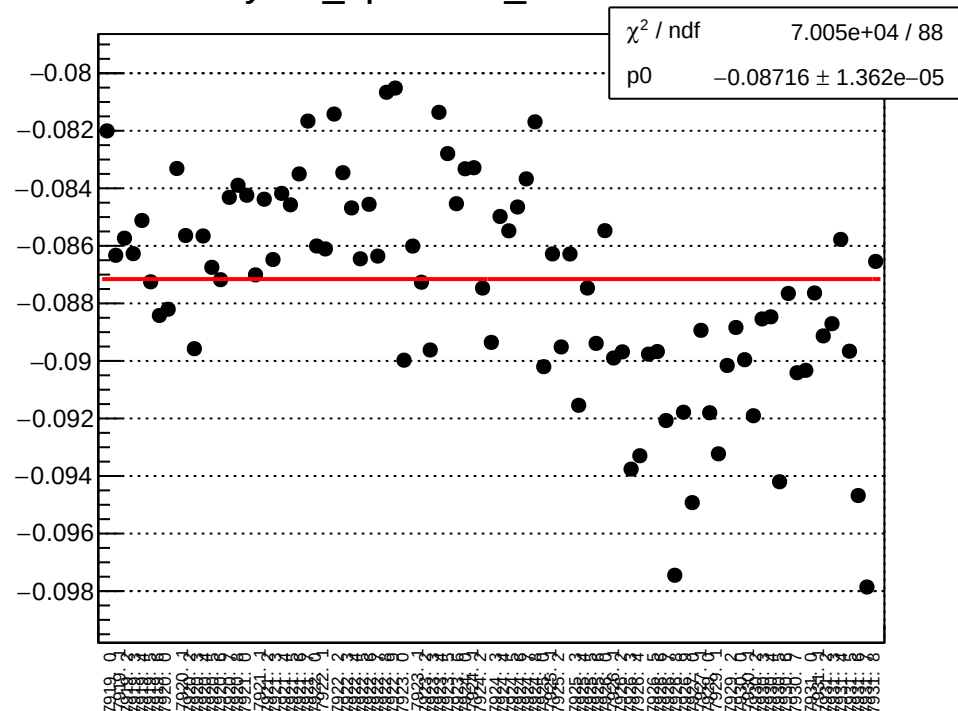
1.001e+04 / 88

p0

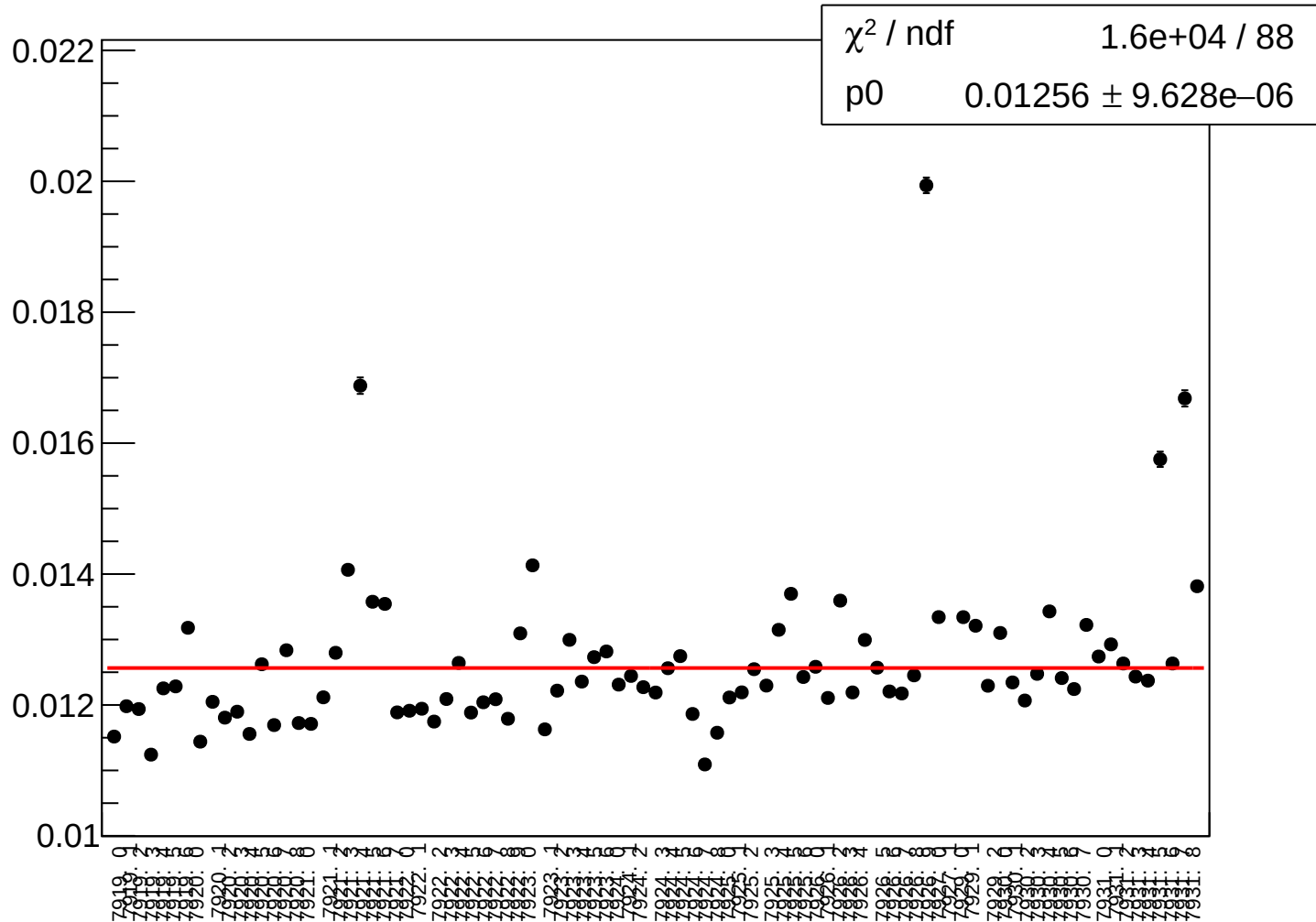
$0.07128 \pm 5.452\text{e-}05$



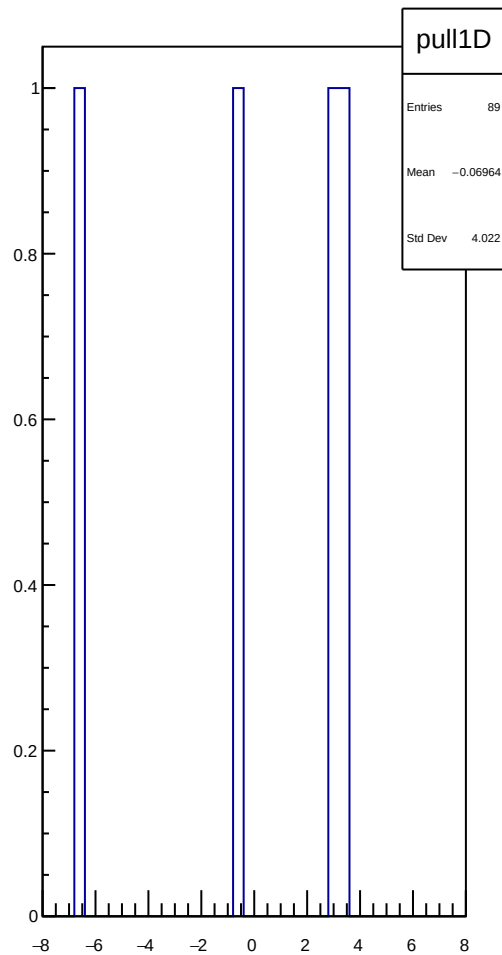
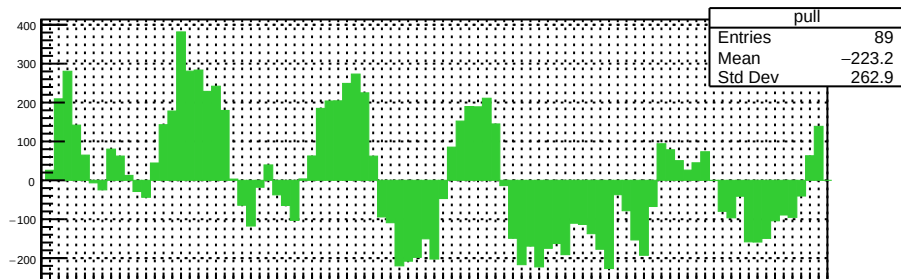
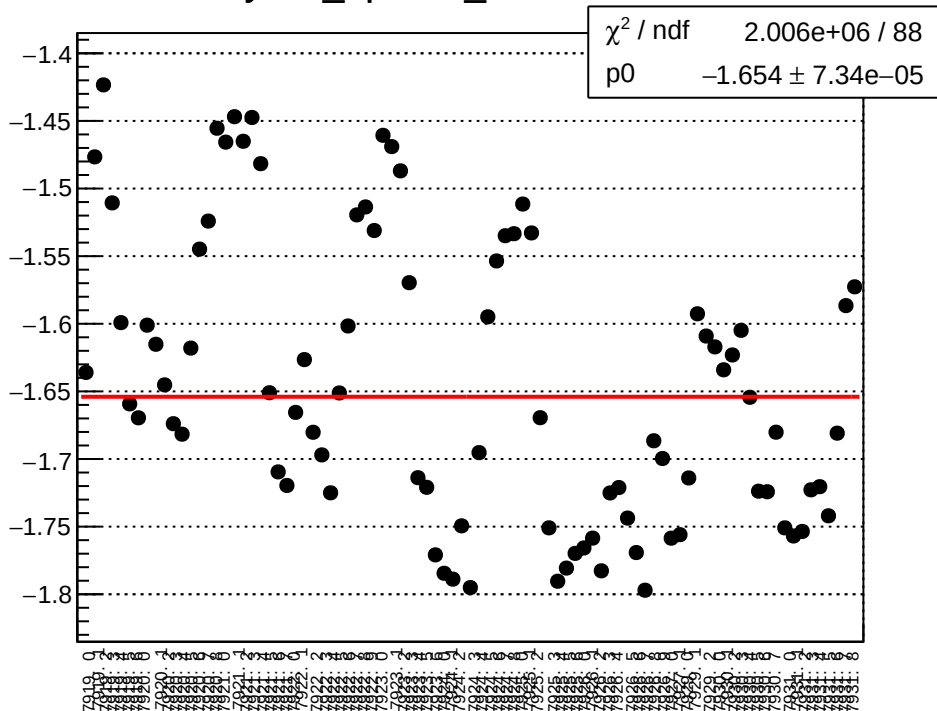
yield_bpm4ecY_mean vs run



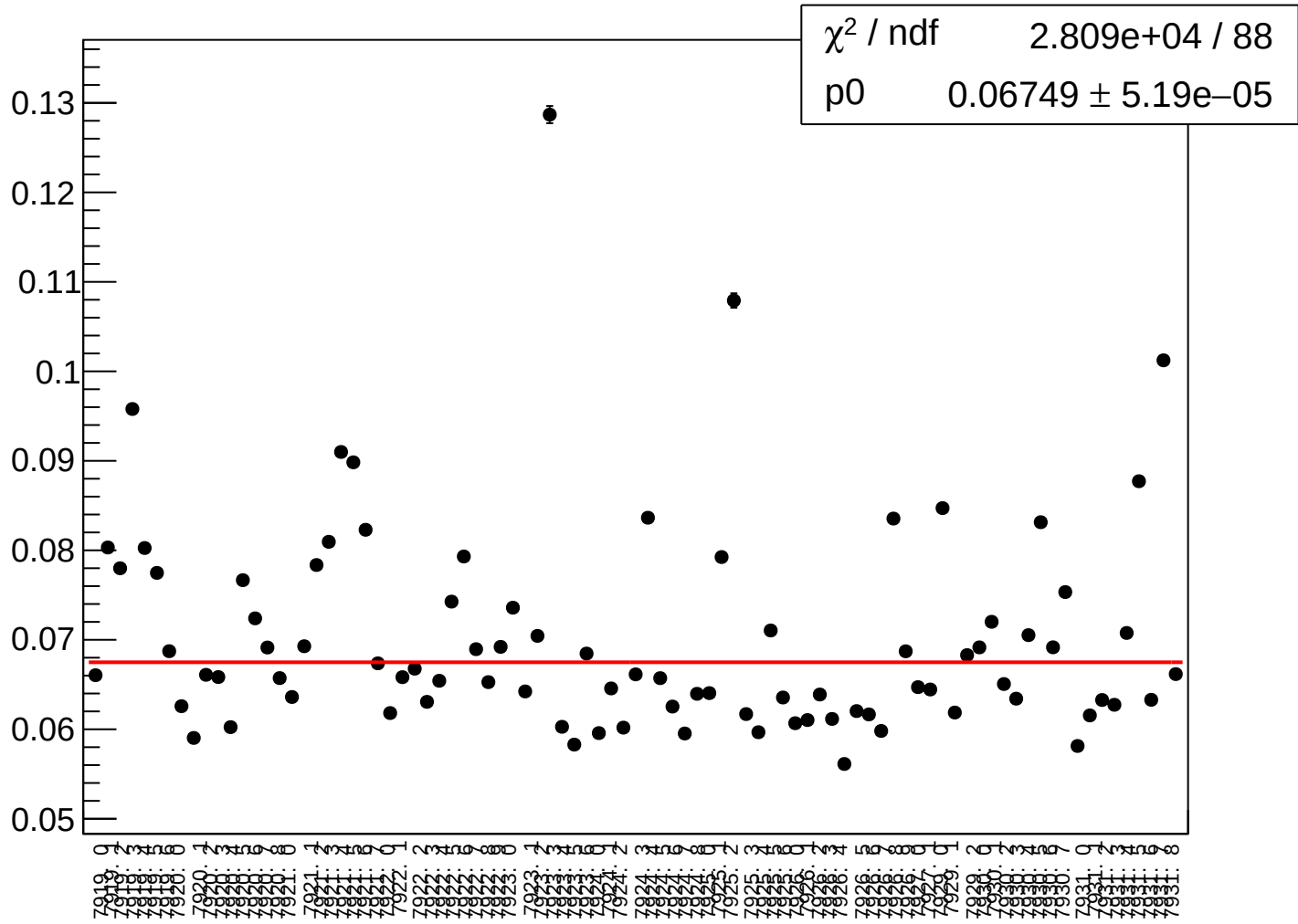
yield_bpm4ecY_rms vs run



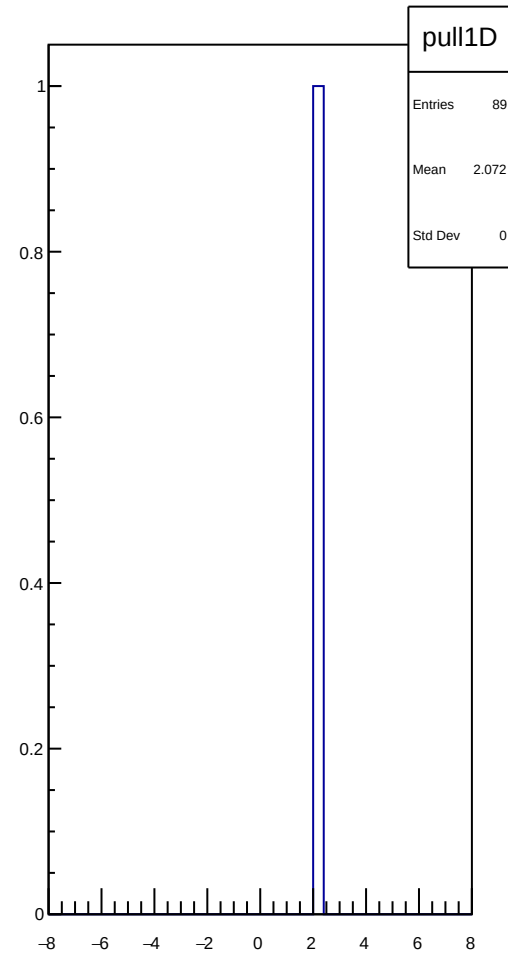
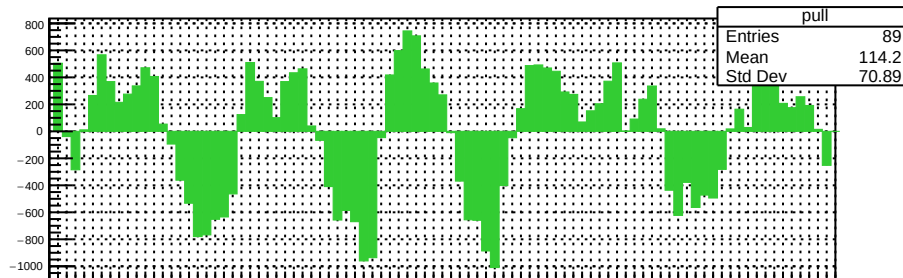
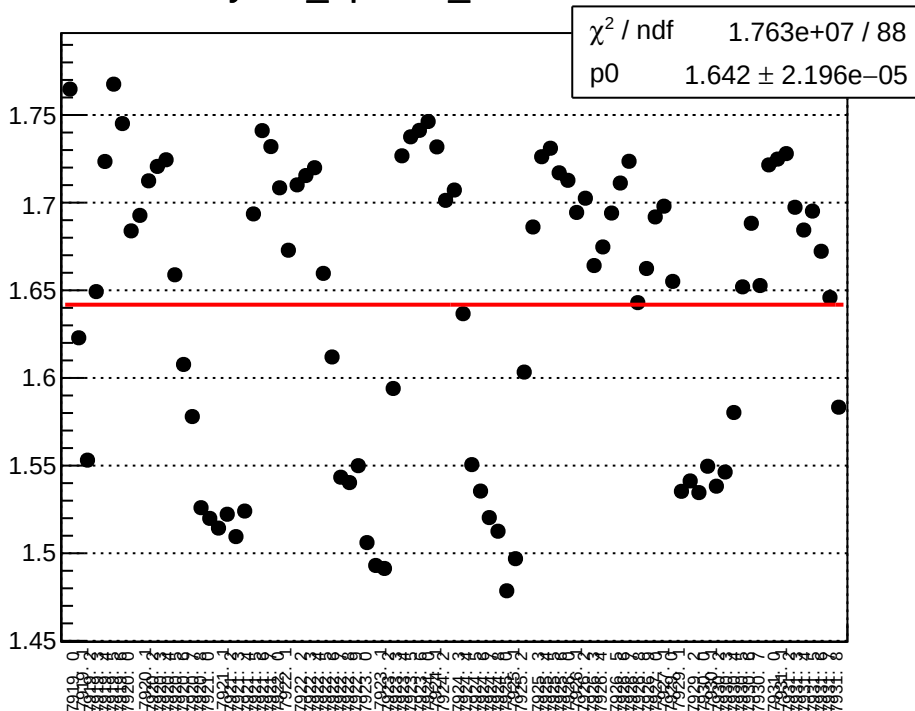
yield_bpm1X_mean vs run



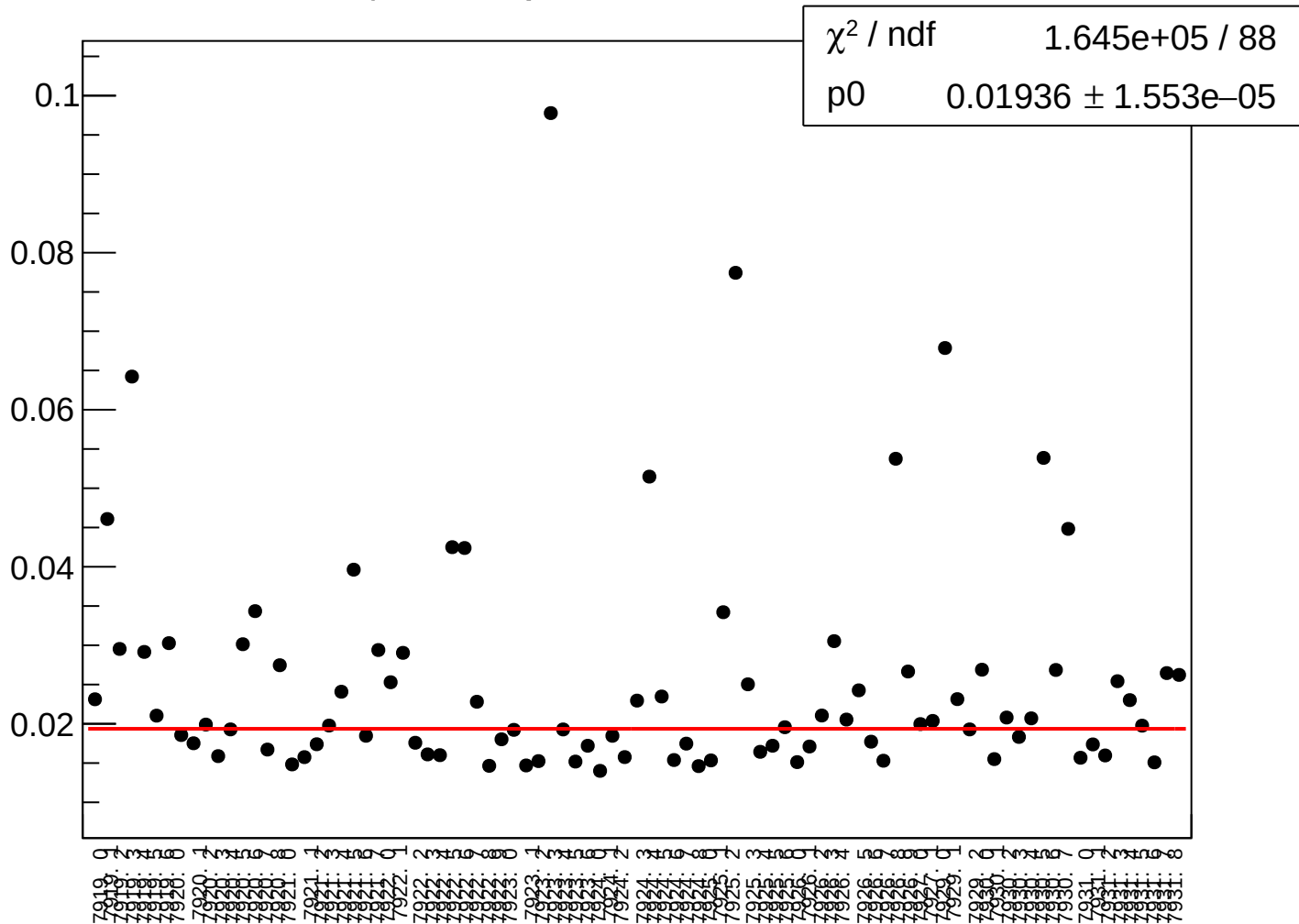
yield_bpm1X_rms vs run



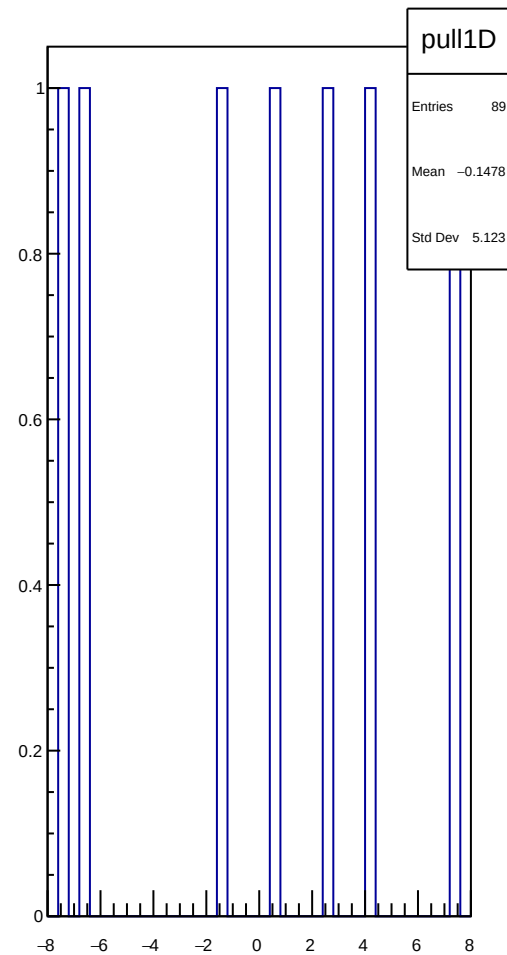
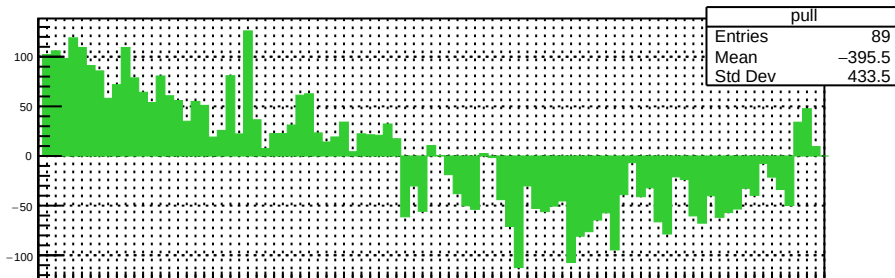
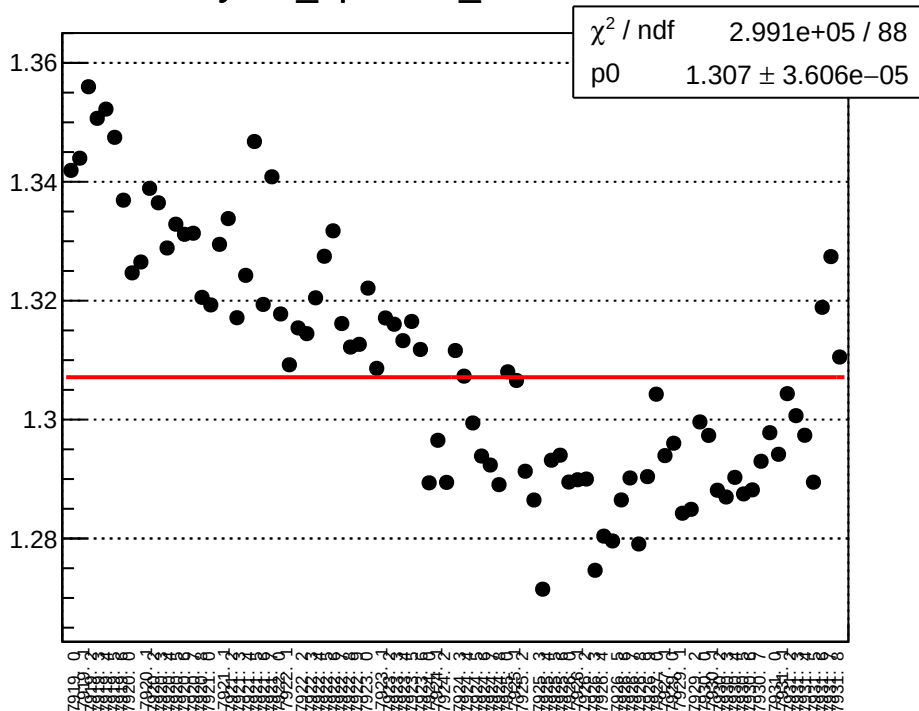
yield_bpm1Y_mean vs run



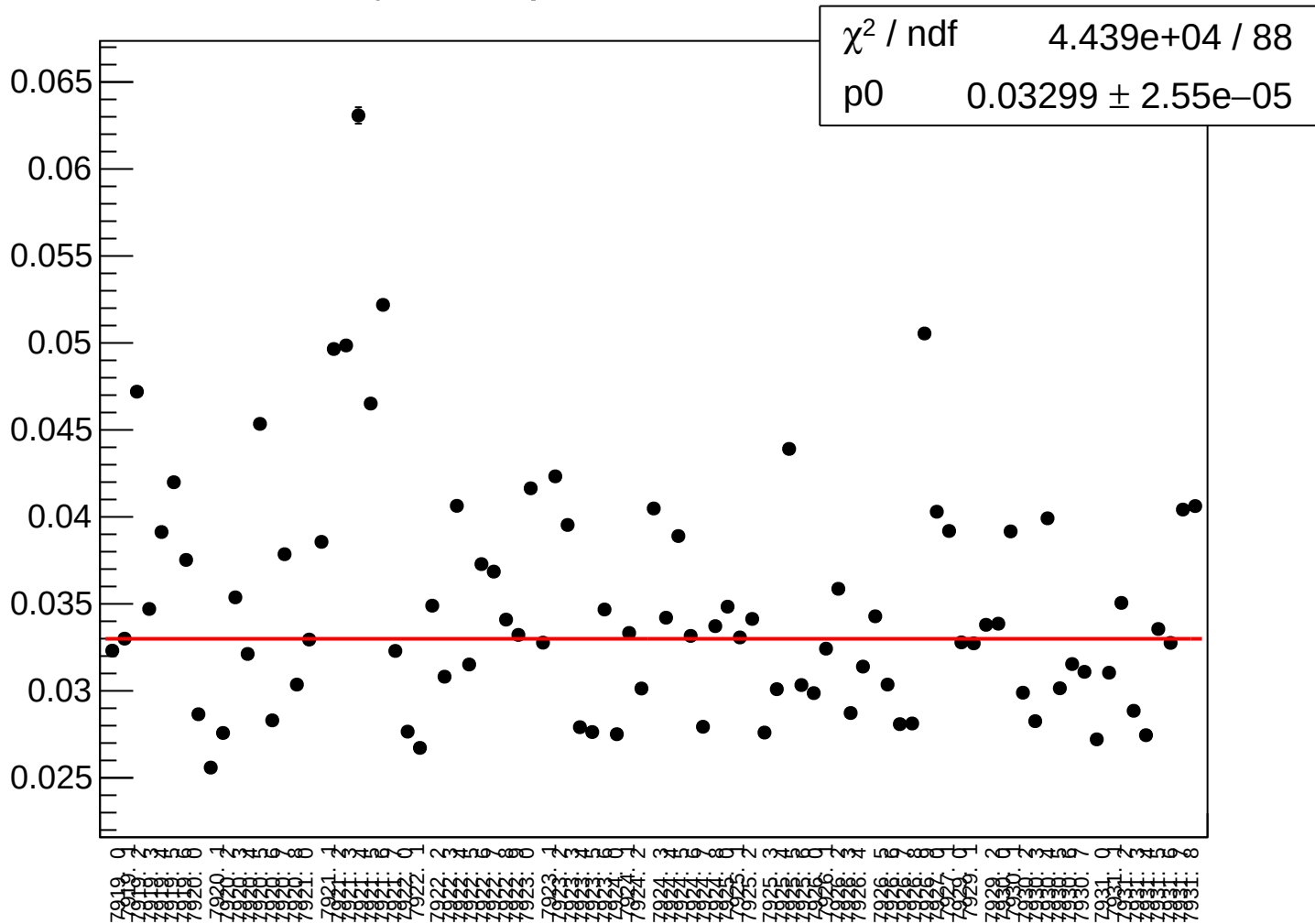
yield_bpm1Y_rms vs run



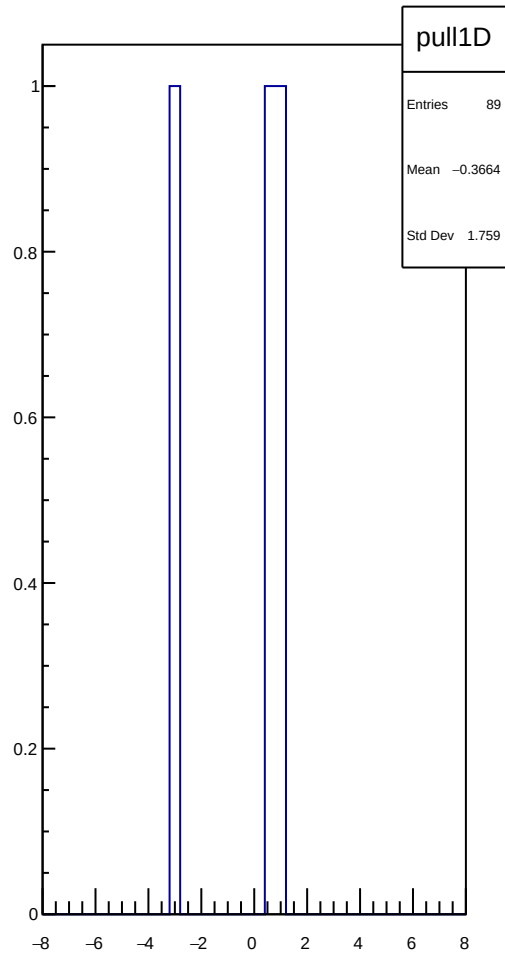
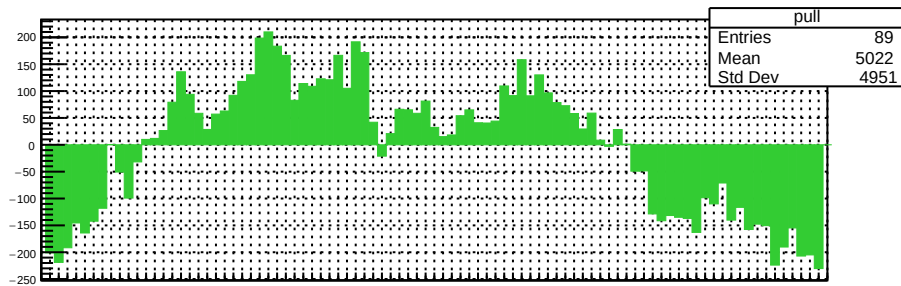
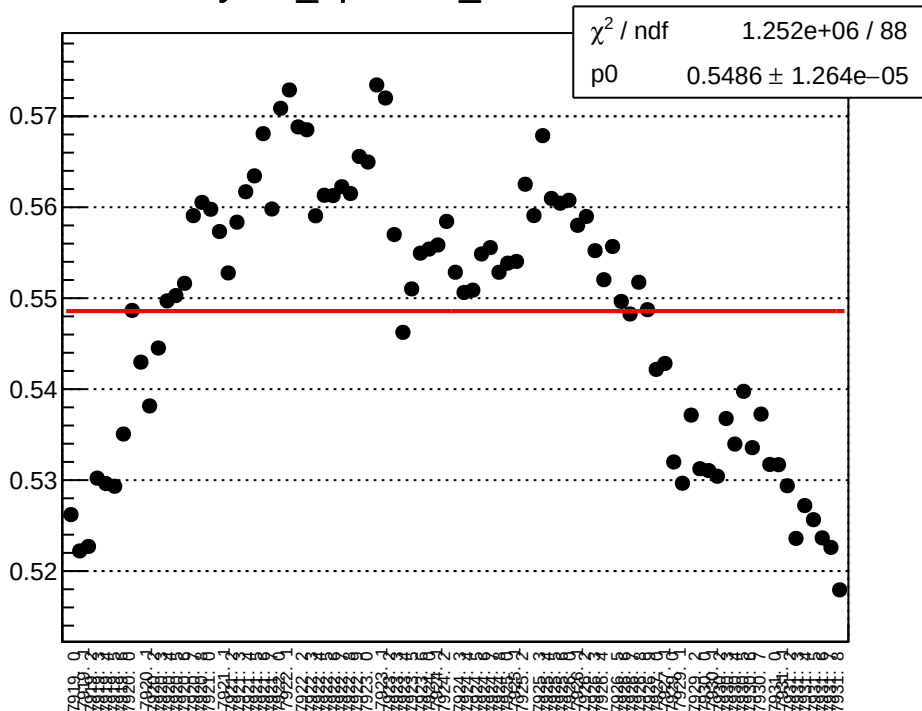
yield_bpm11X_mean vs run



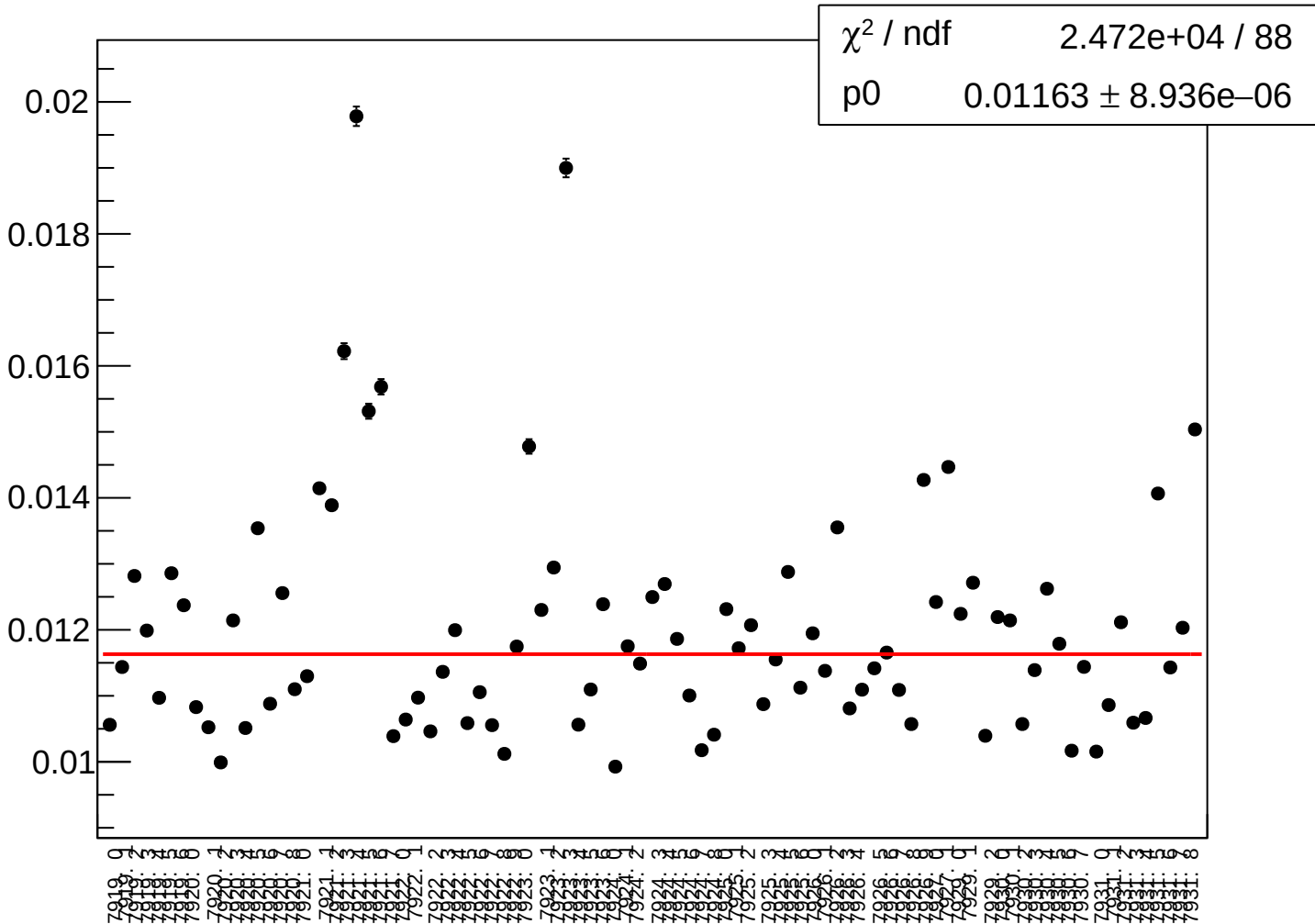
yield_bpm11X_rms vs run



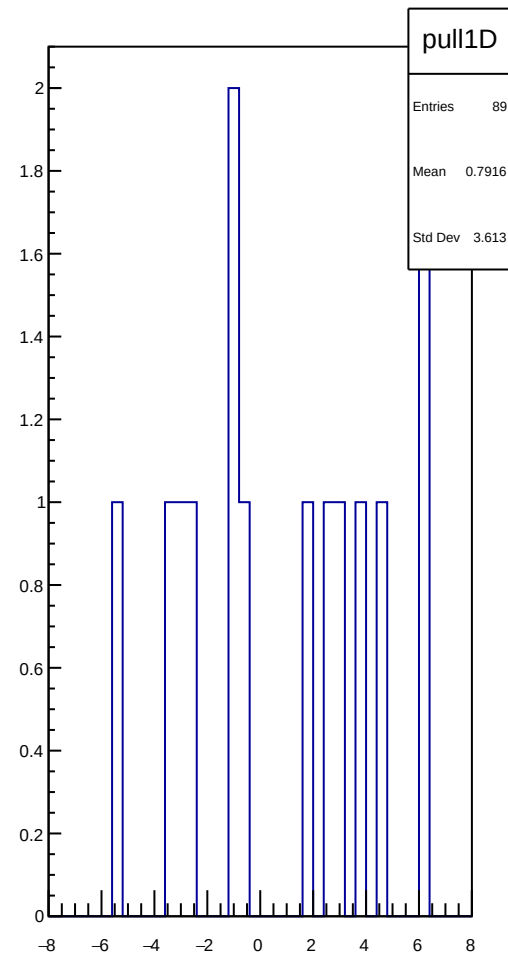
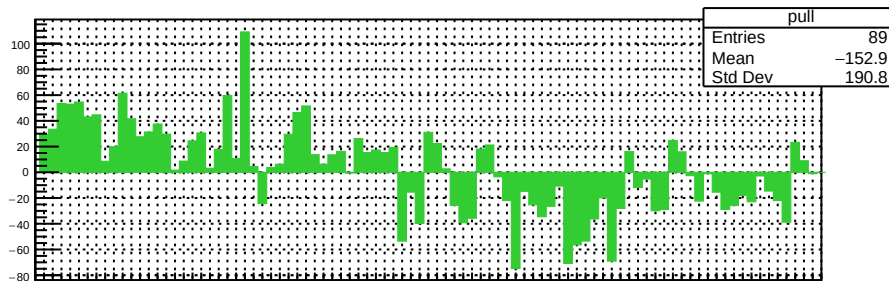
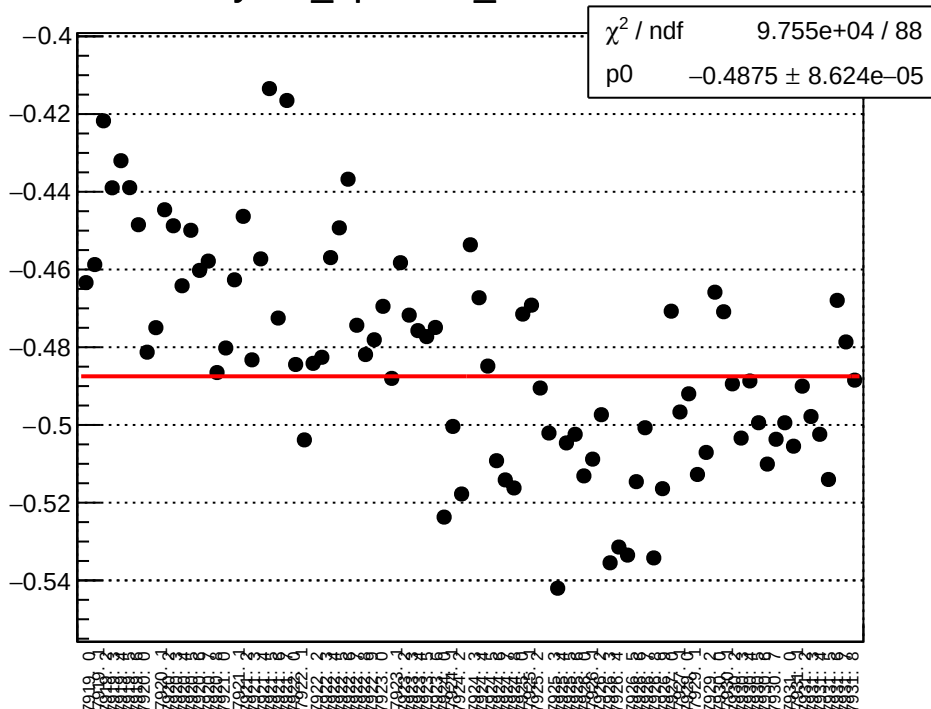
yield_bpm11Y_mean vs run



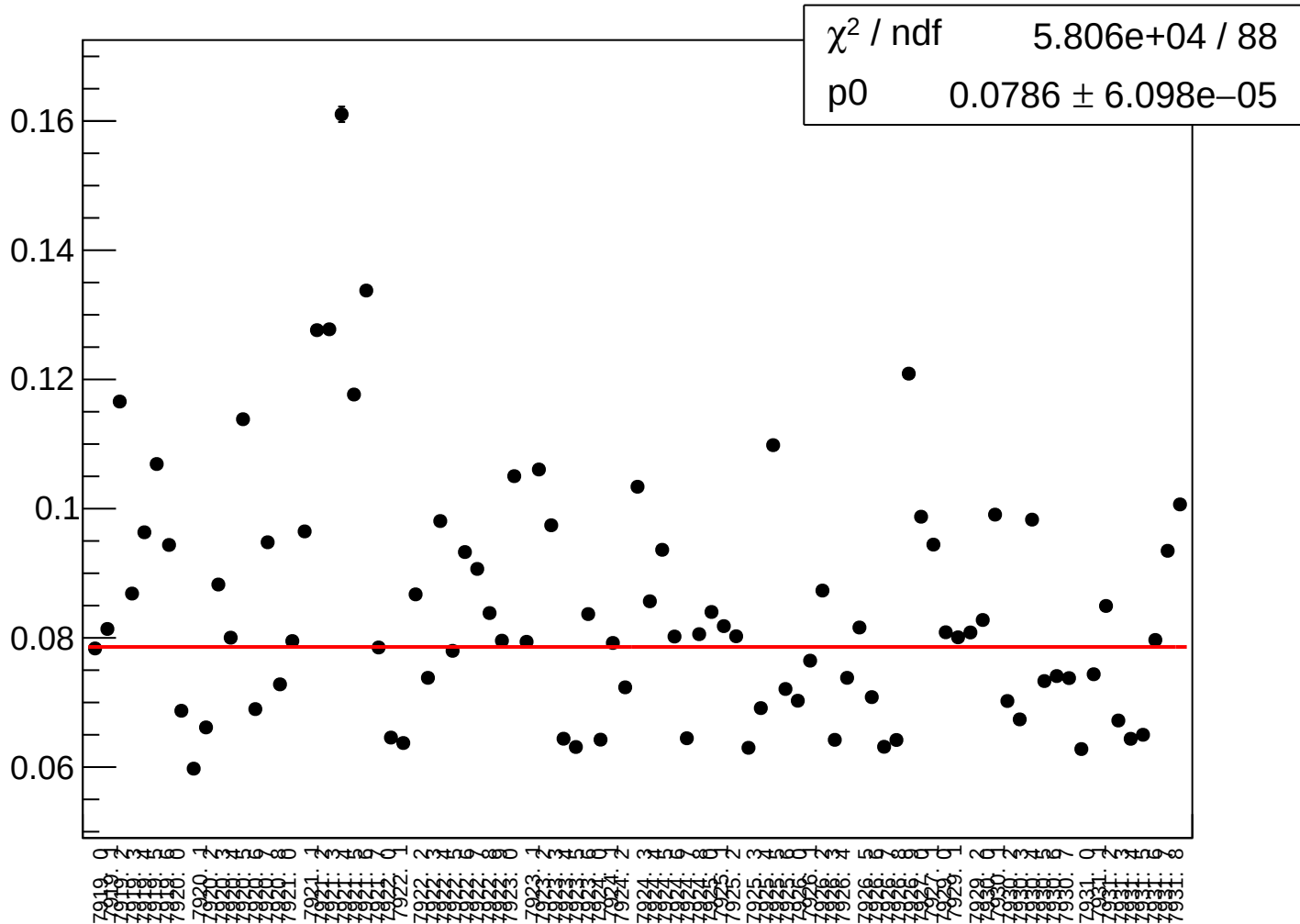
yield_bpm11Y_rms vs run



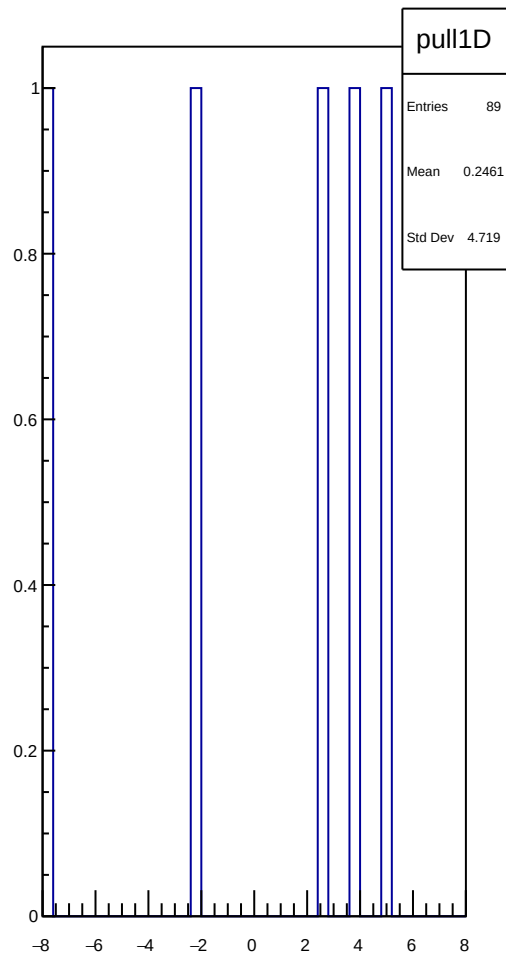
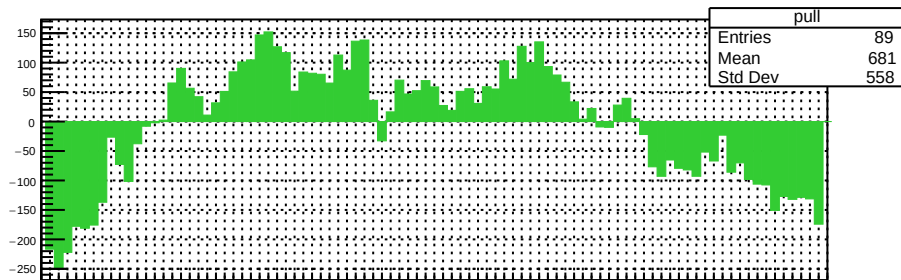
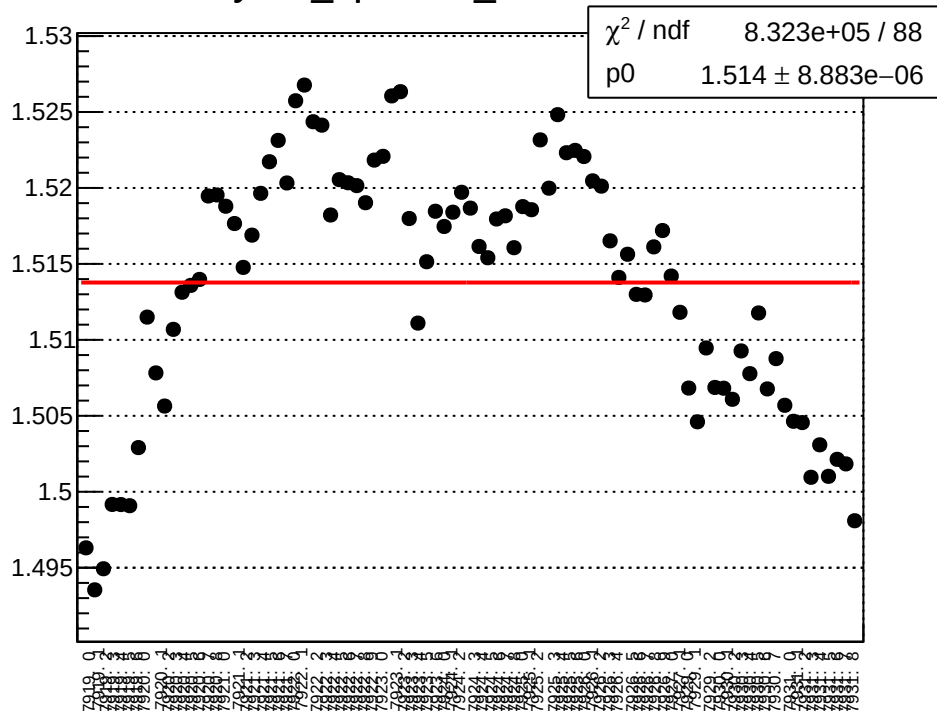
yield_bpm12X_mean vs run



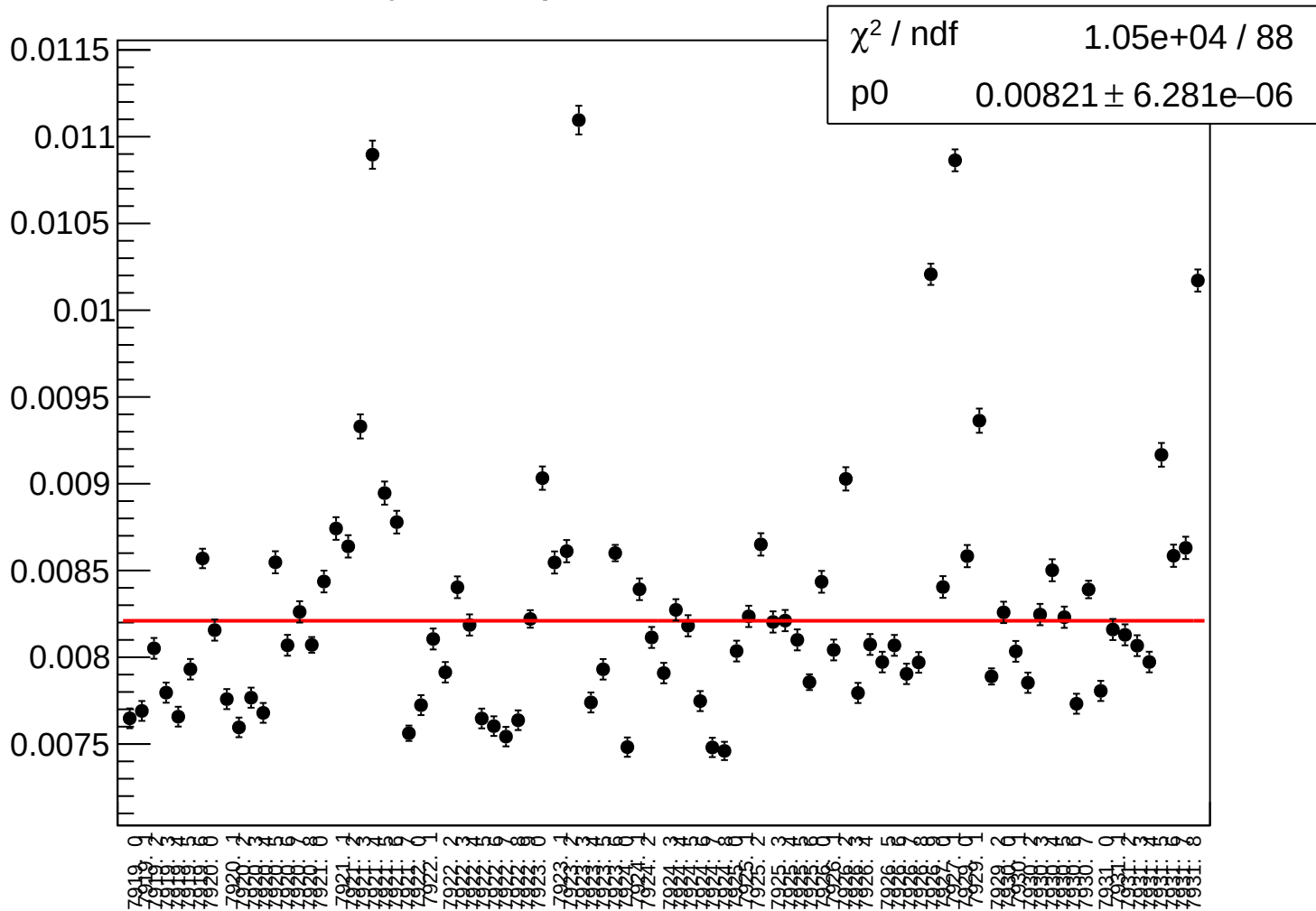
yield_bpm12X_rms vs run



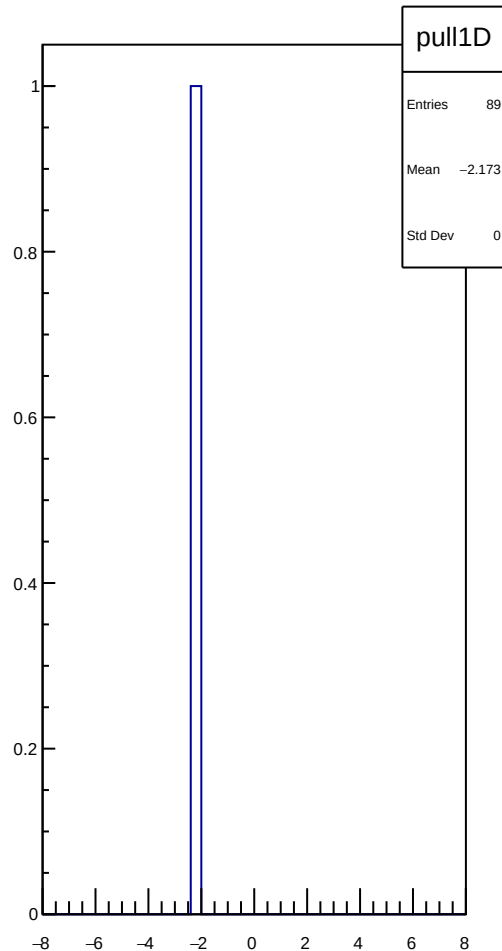
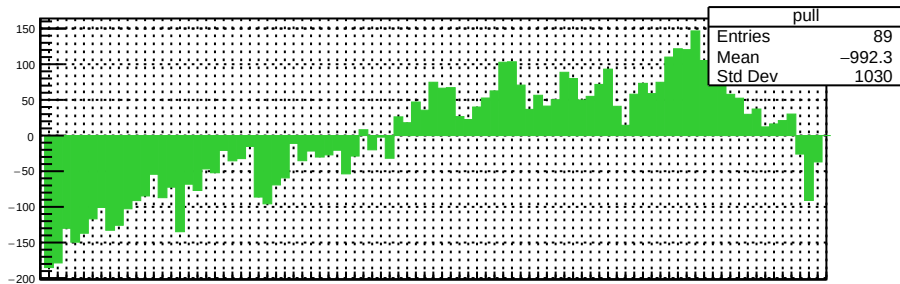
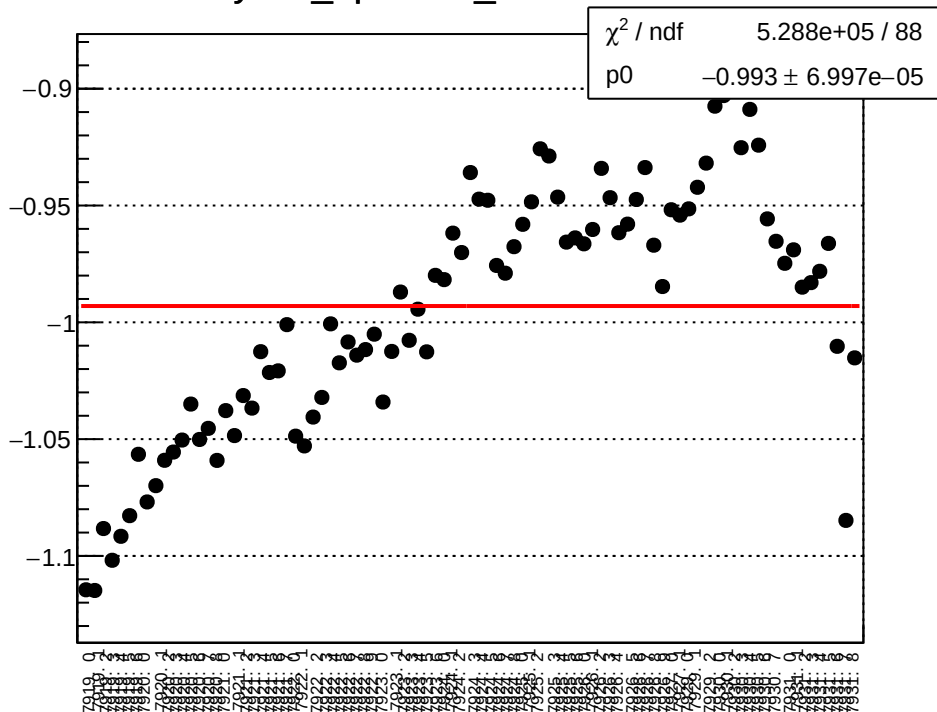
yield_bpm12Y_mean vs run



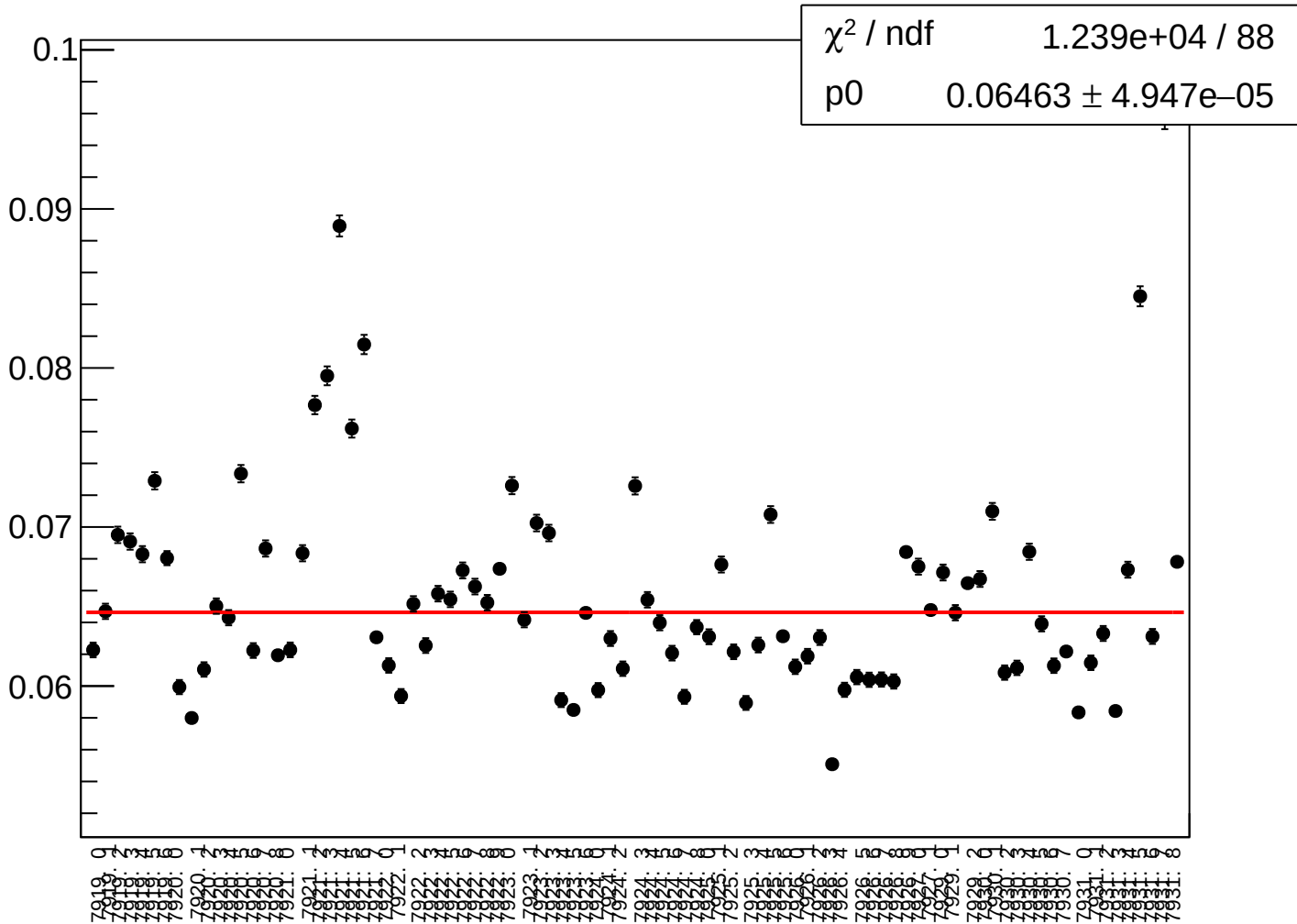
yield_bpm12Y_rms vs run



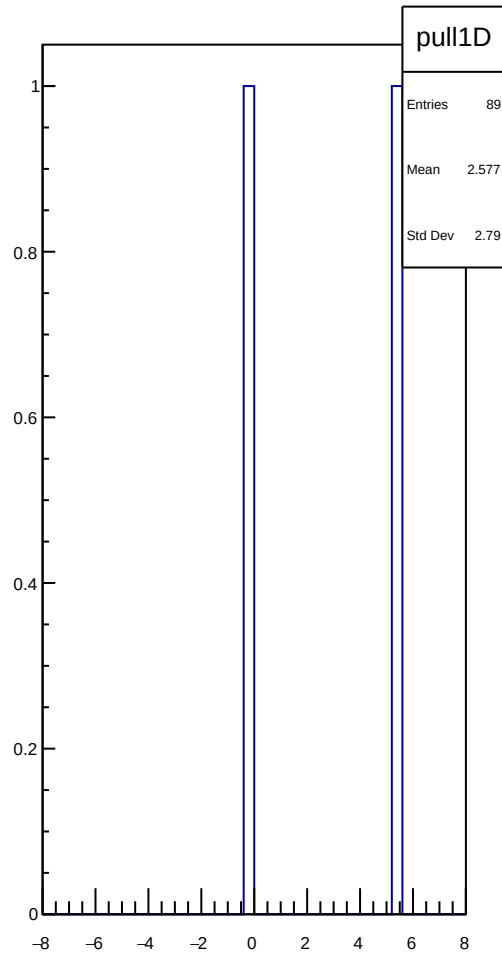
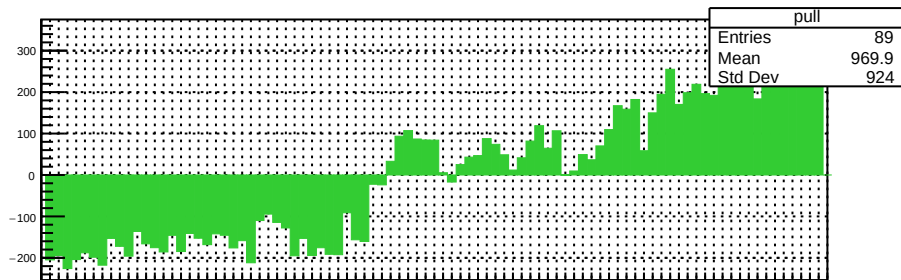
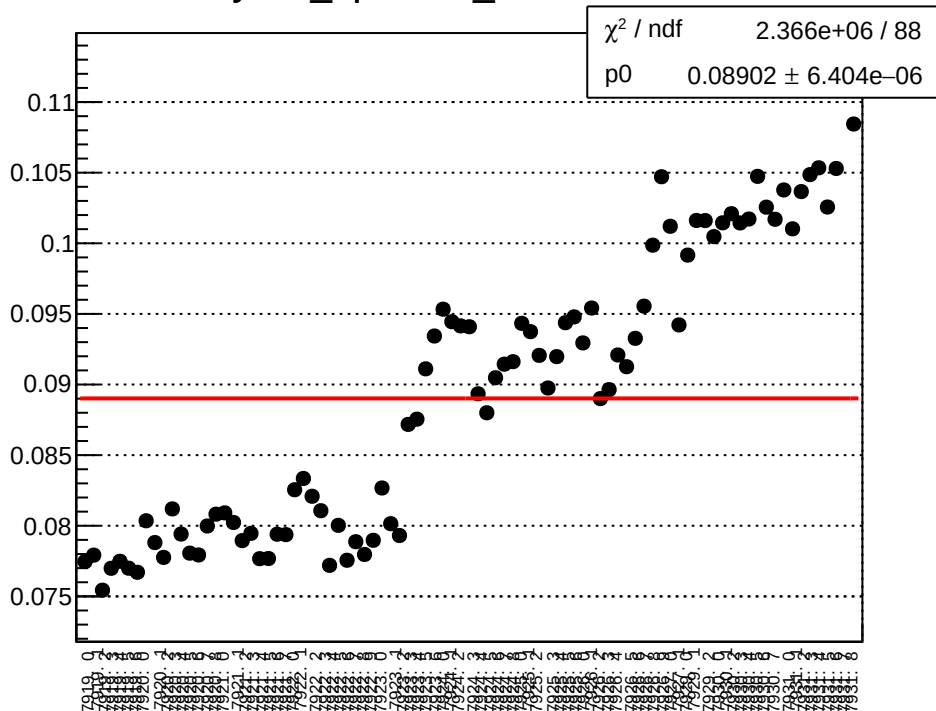
yield_bpm16X_mean vs run



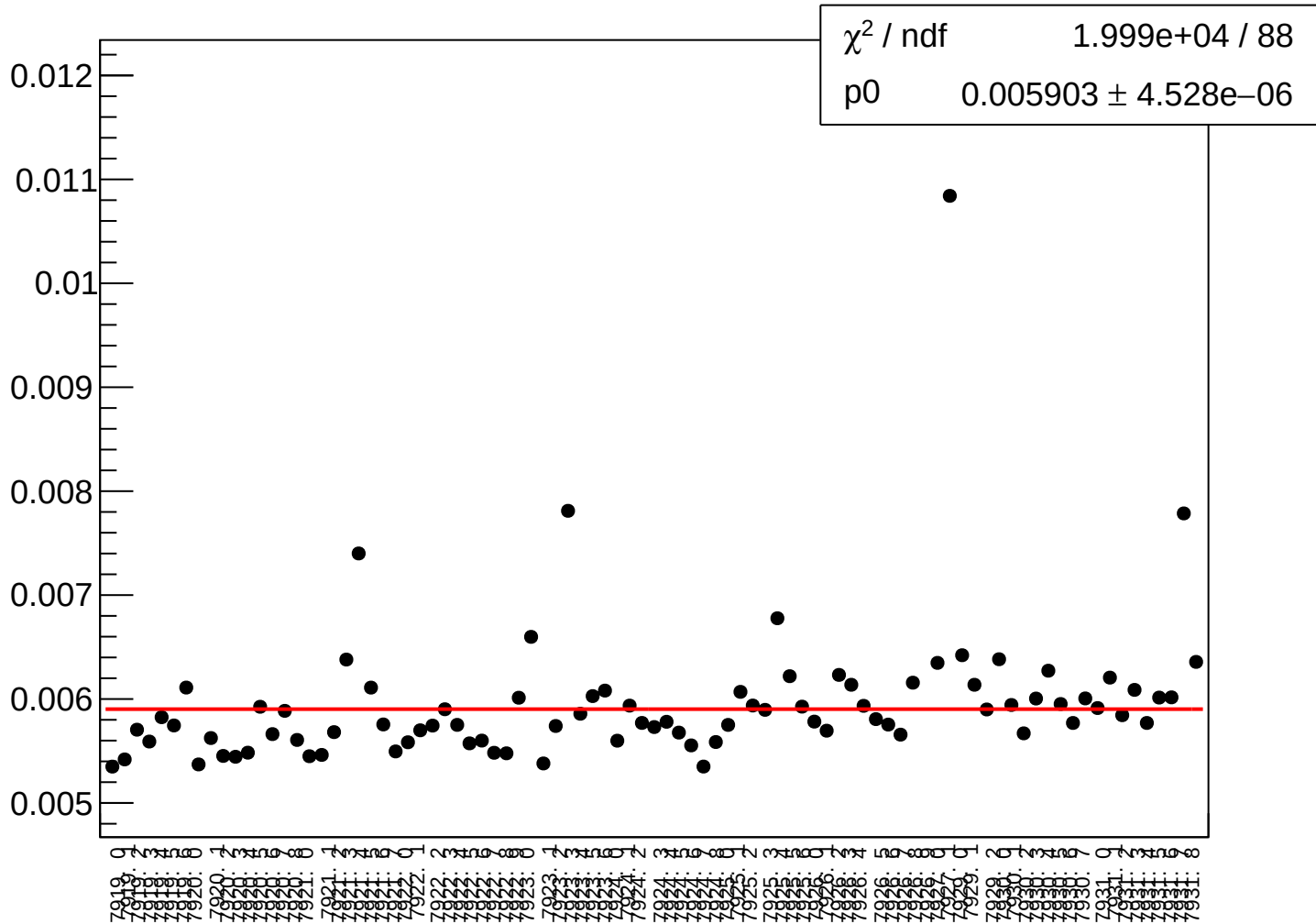
yield_bpm16X_rms vs run



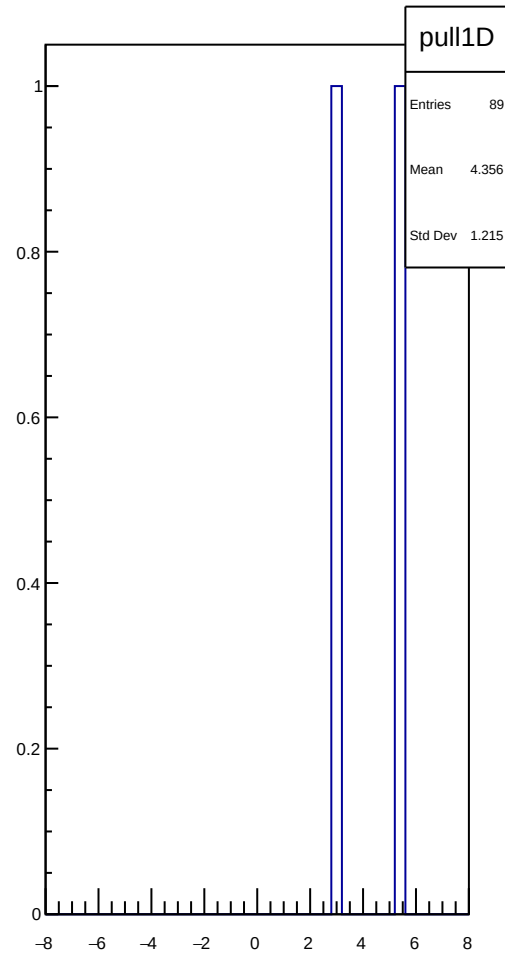
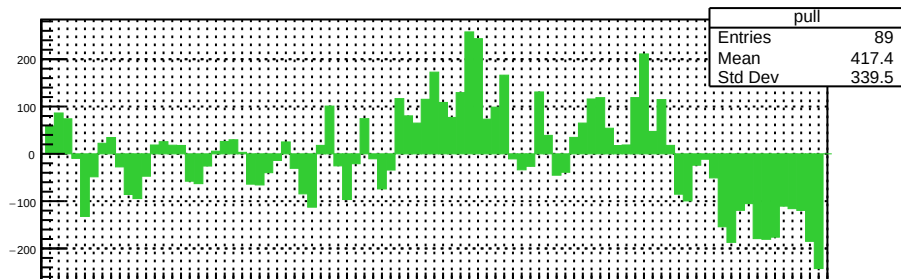
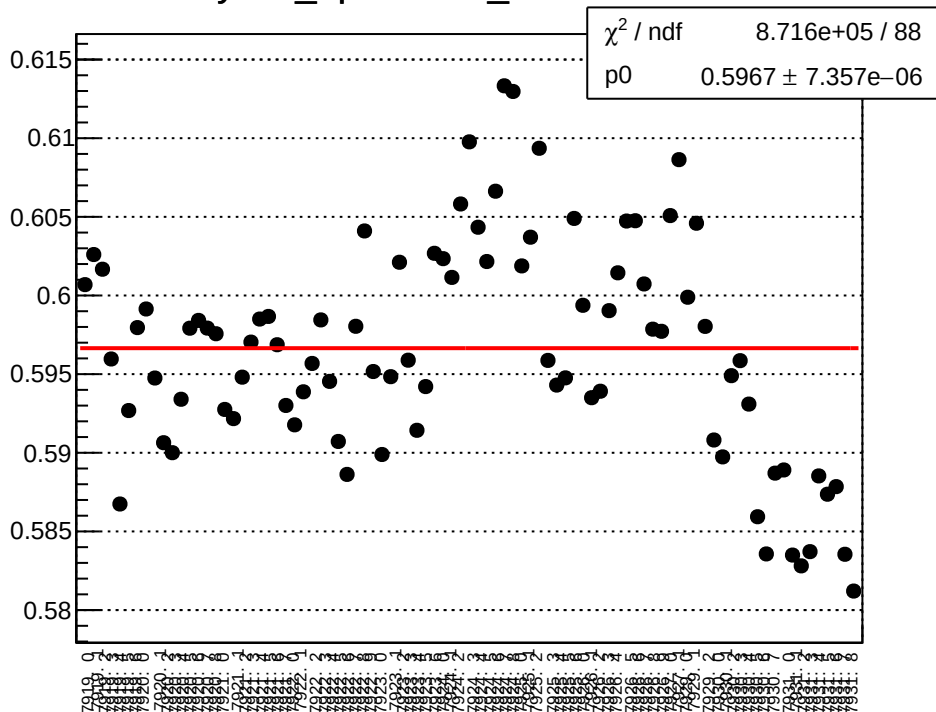
yield_bpm16Y_mean vs run



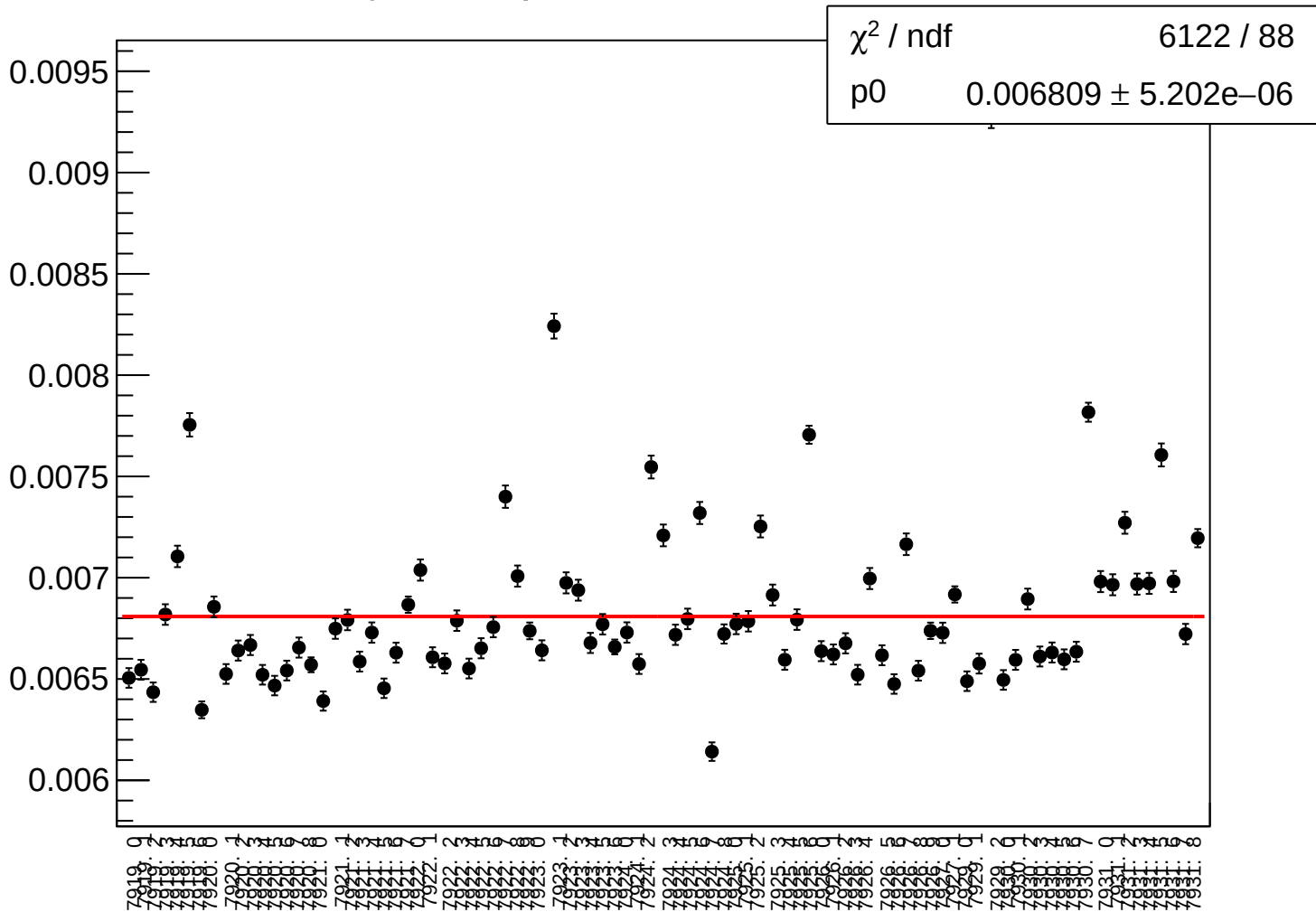
yield_bpm16Y_rms vs run



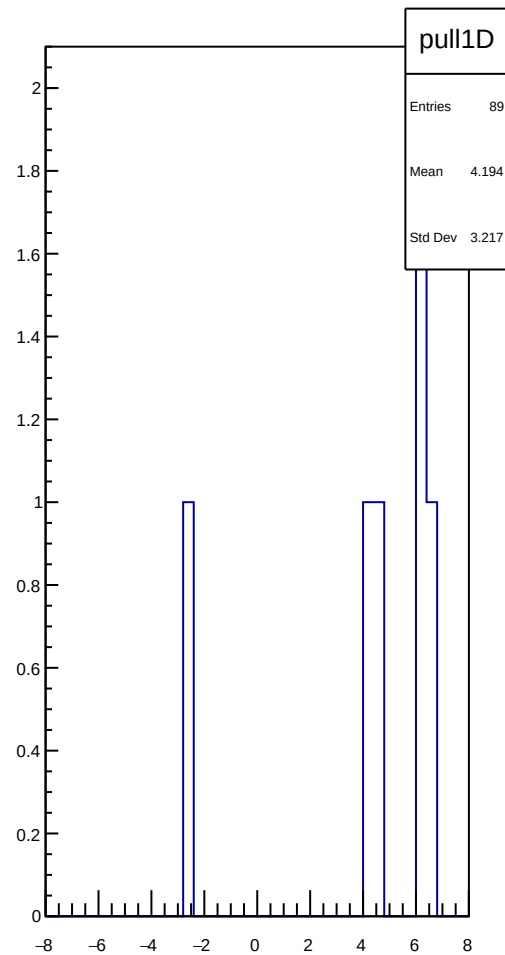
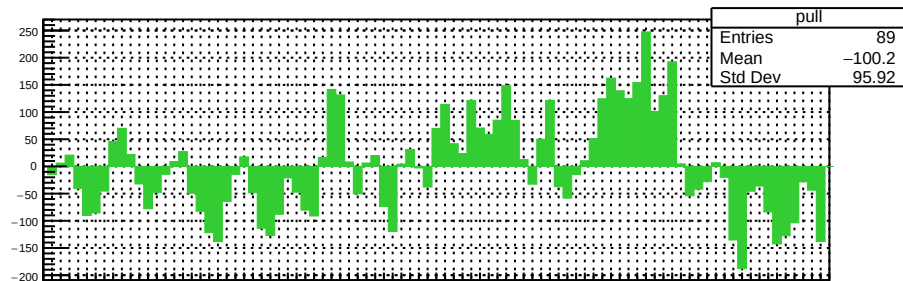
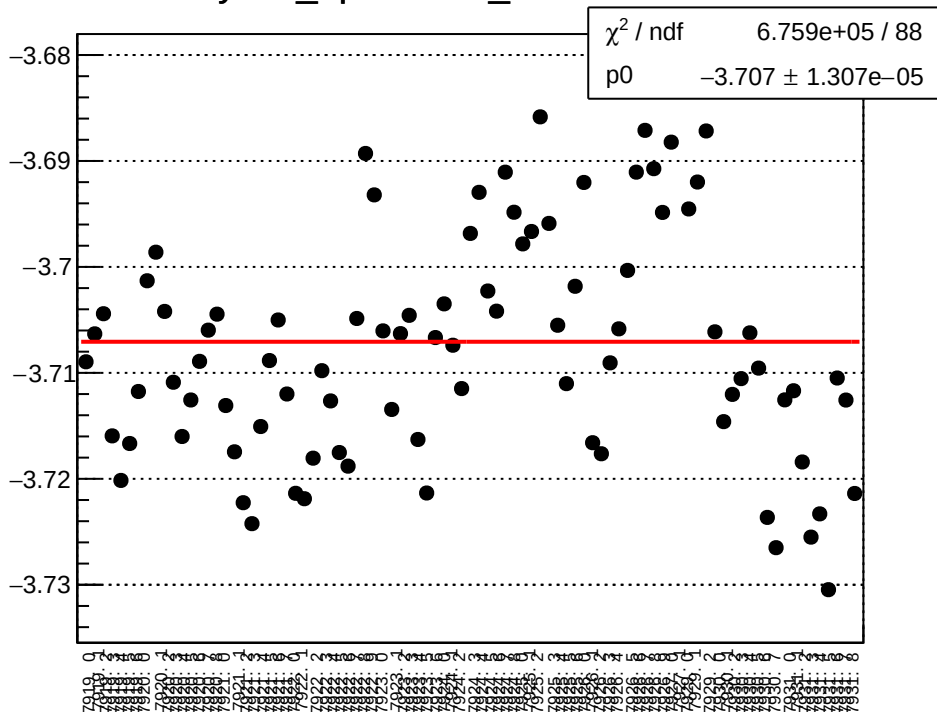
yield_bpm0i02X_mean vs run



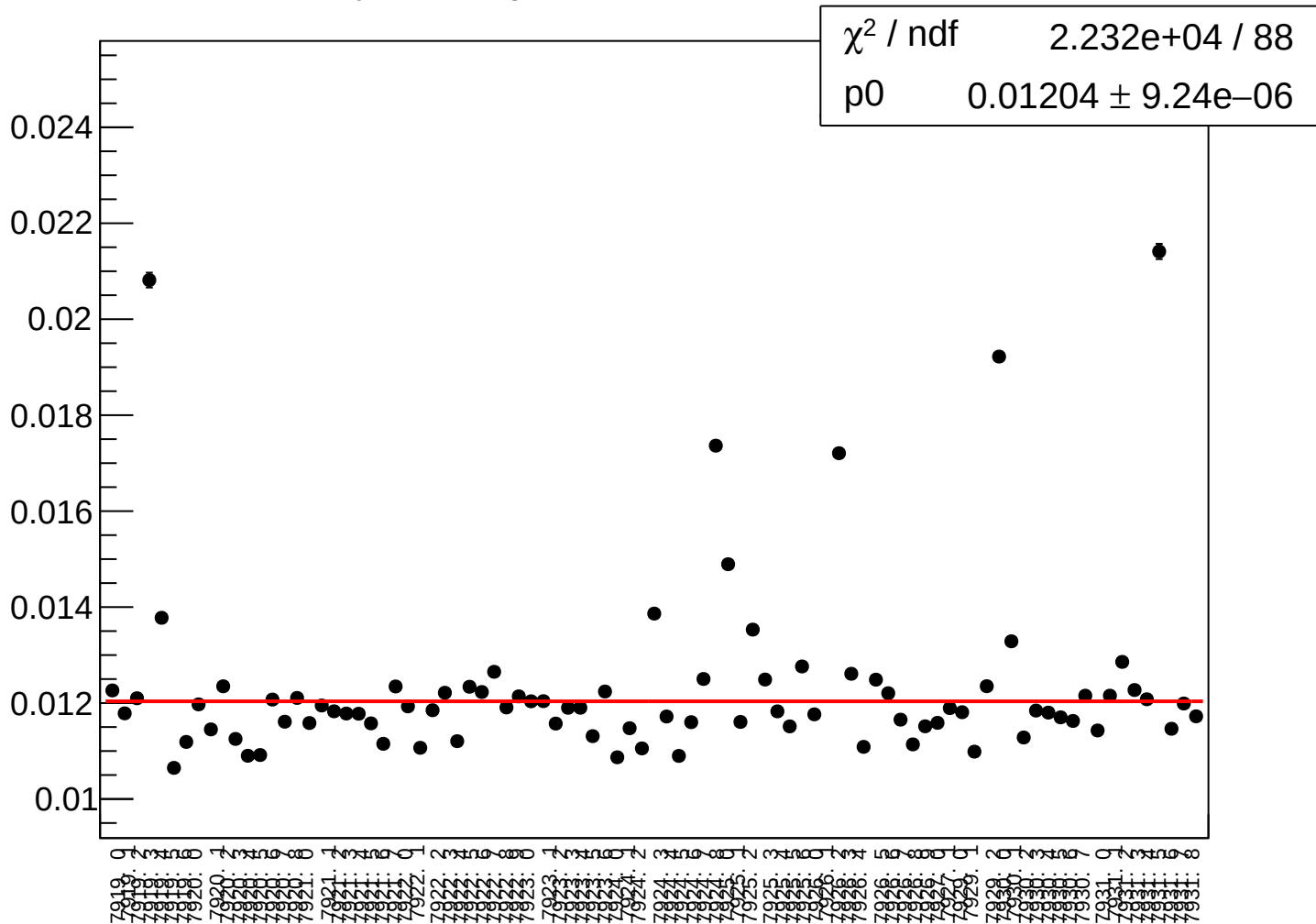
yield_bpm0i02X_rms vs run



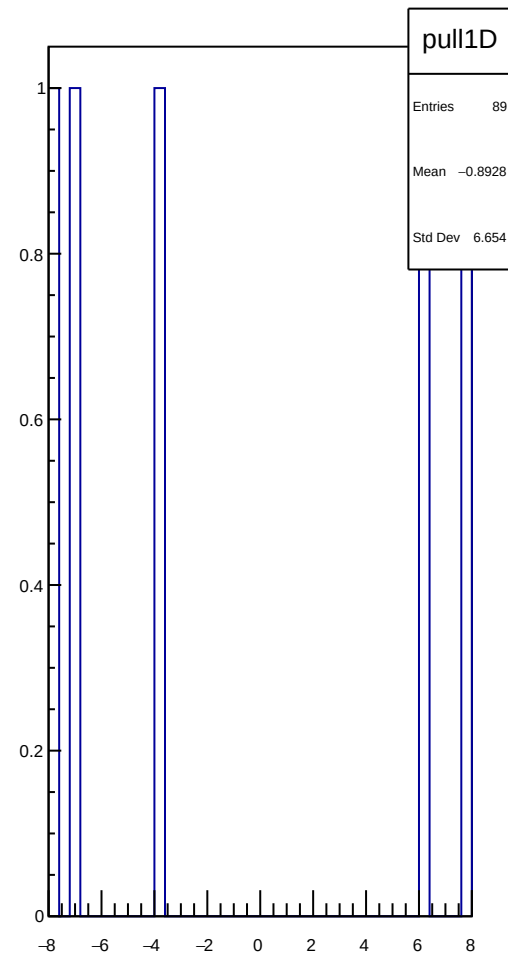
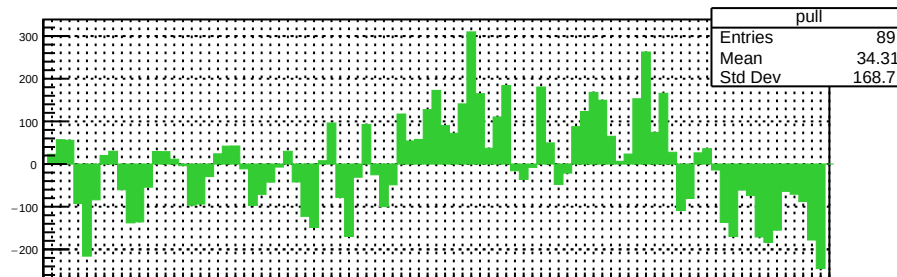
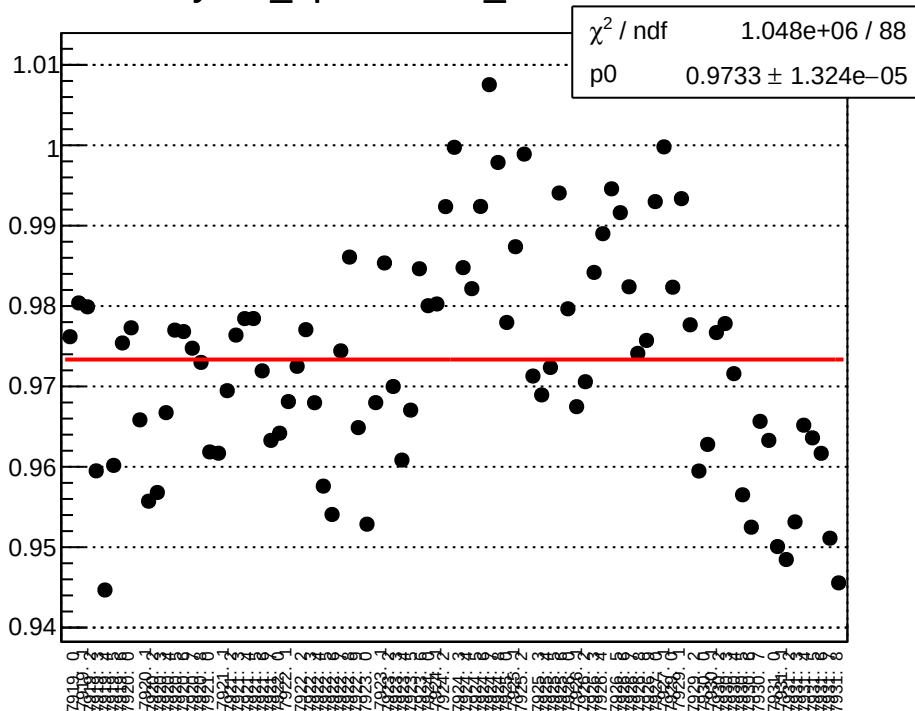
yield_bpm0i02Y_mean vs run



yield_bpm0i02Y_rms vs run

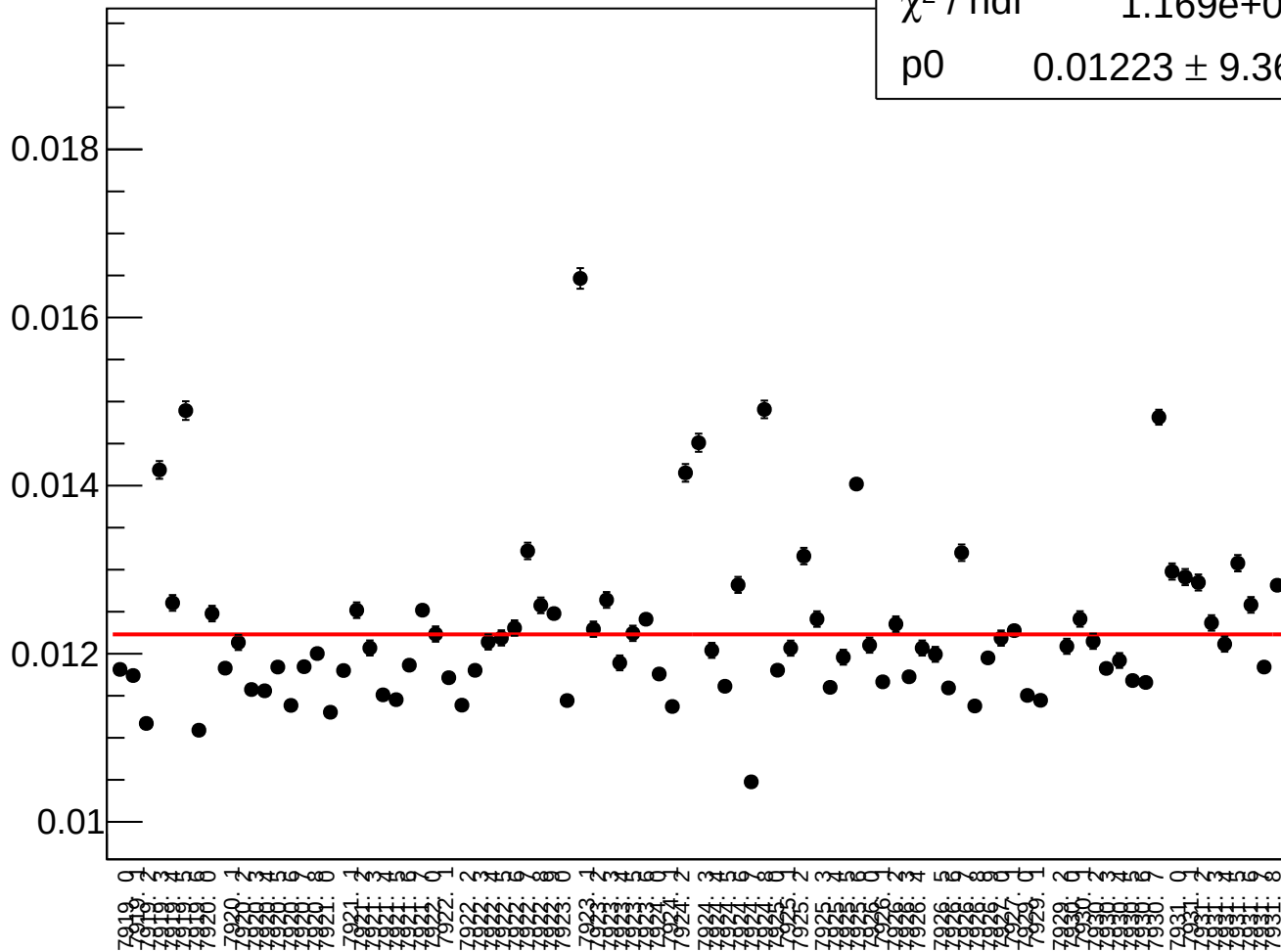


yield_bpm0i02aX_mean vs run

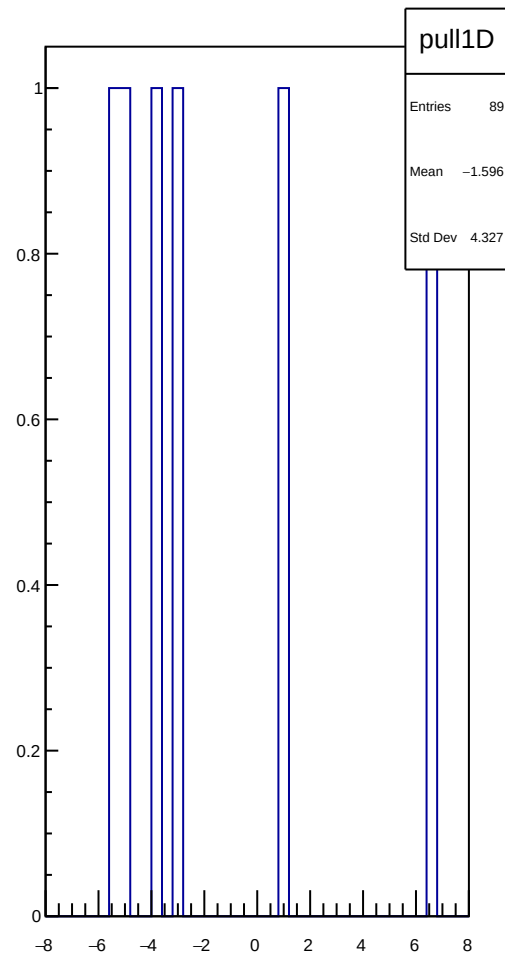
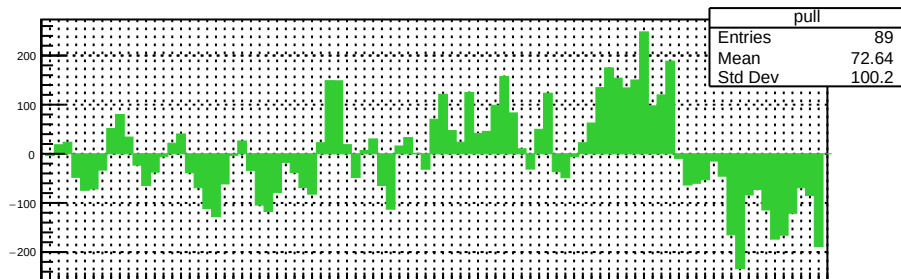
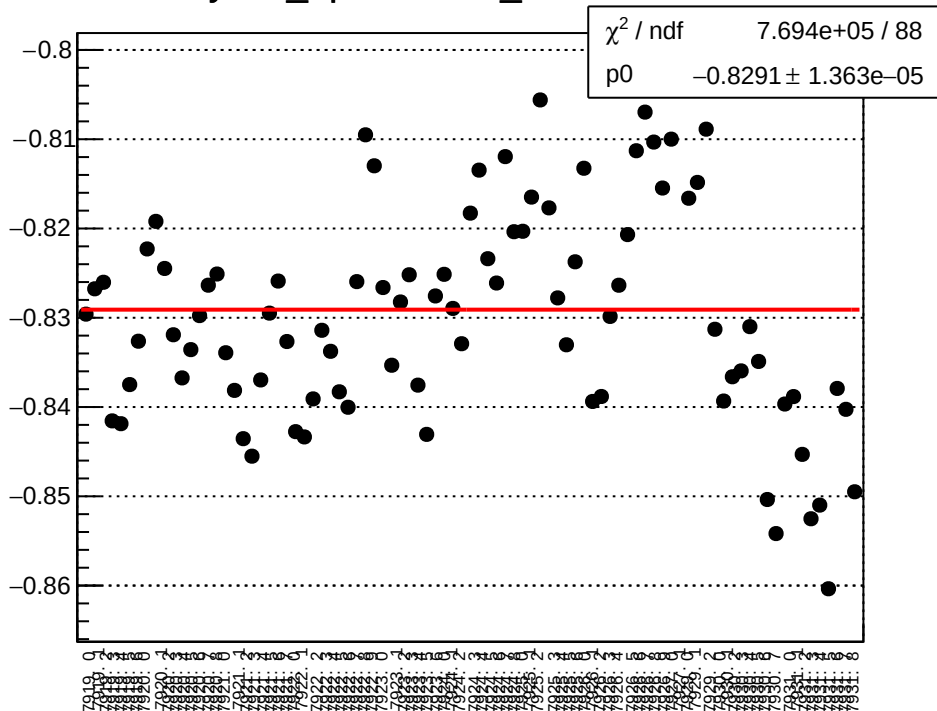


yield_bpm0i02aX_rms vs run

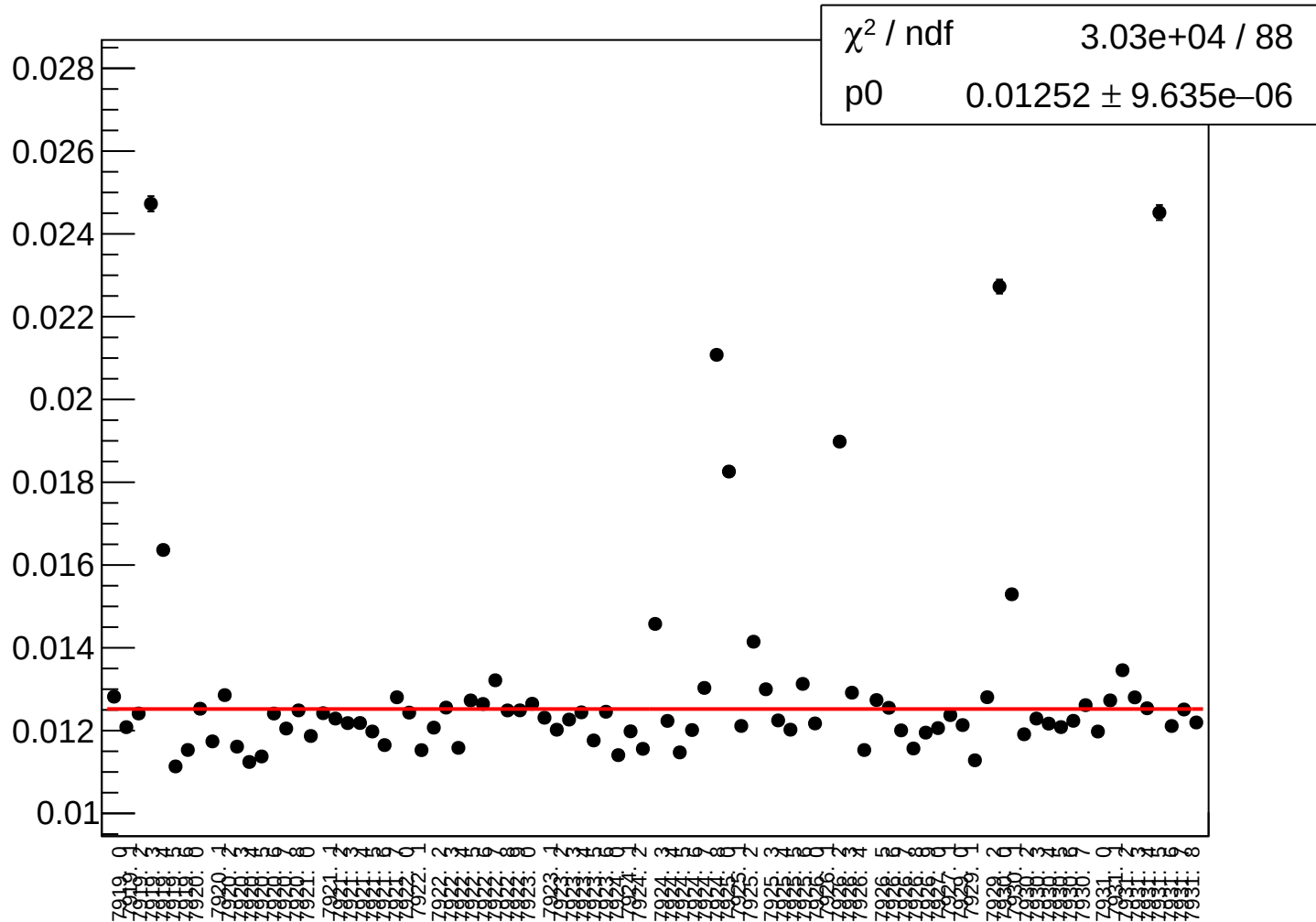
χ^2 / ndf 1.169e+04 / 88
p0 0.01223 $\pm$ 9.36e-06



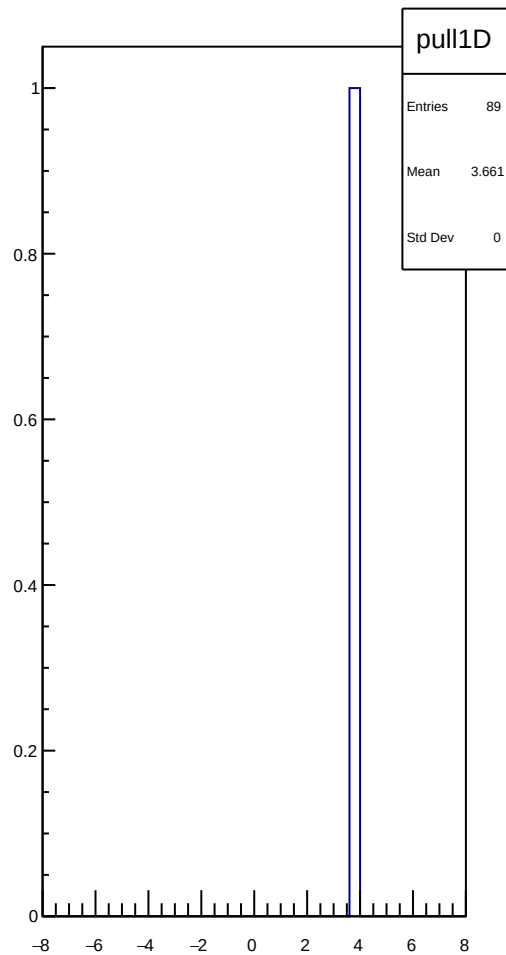
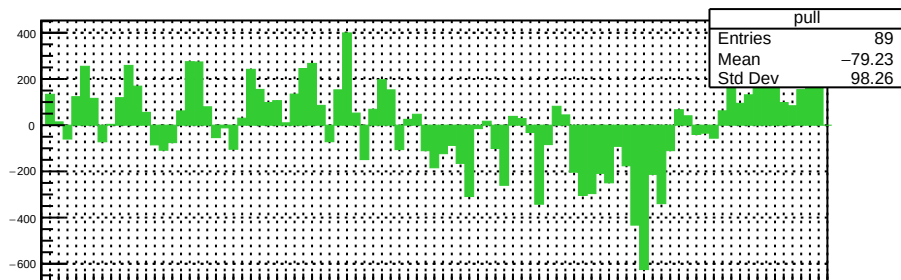
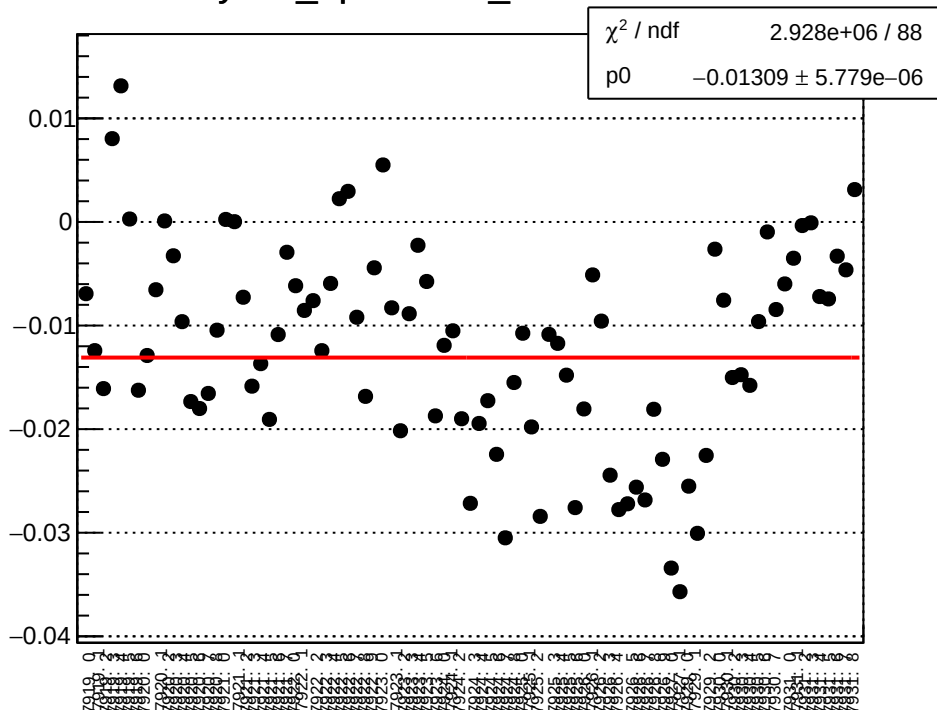
yield_bpm0i02aY_mean vs run



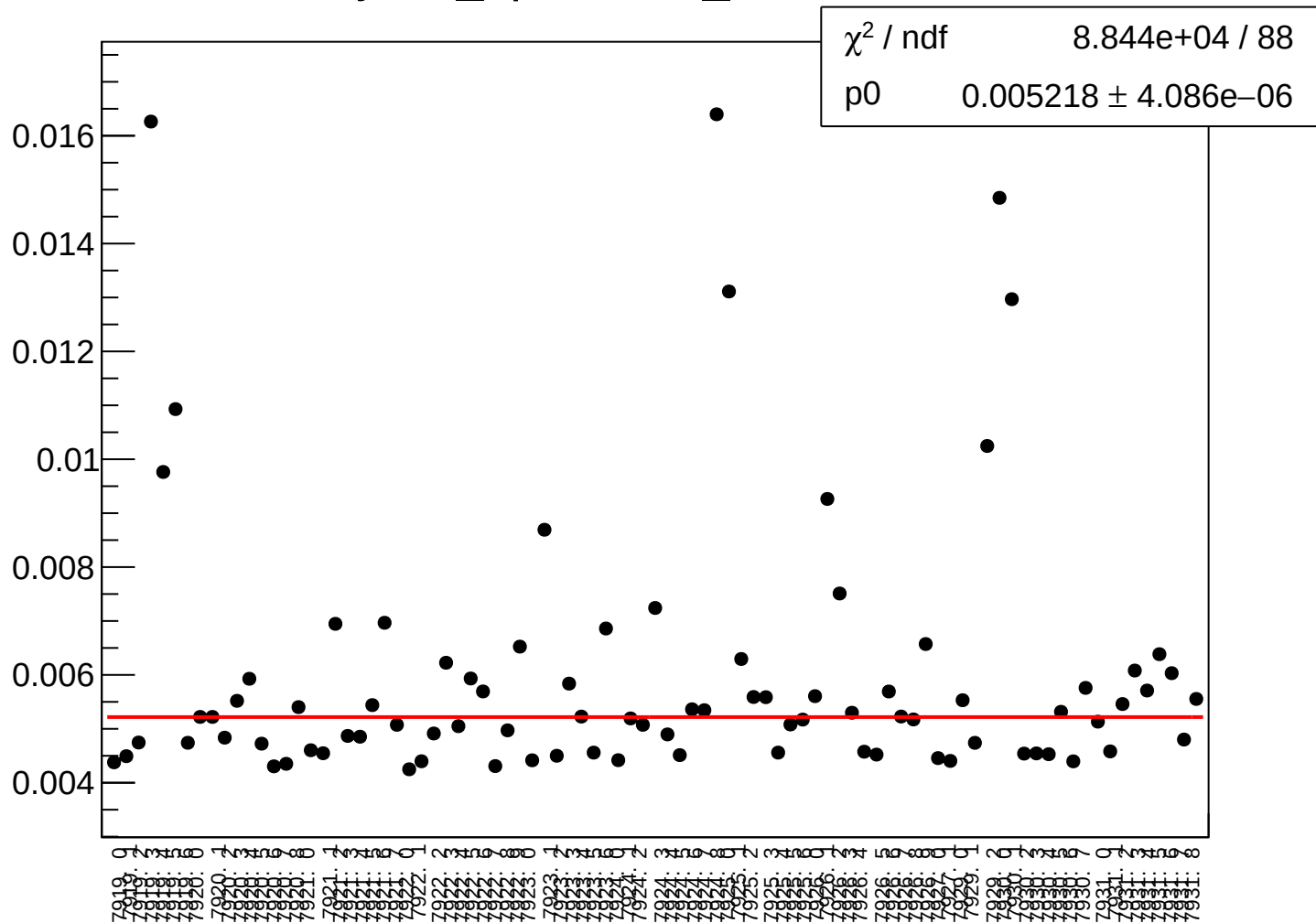
yield_bpm0i02aY_rms vs run



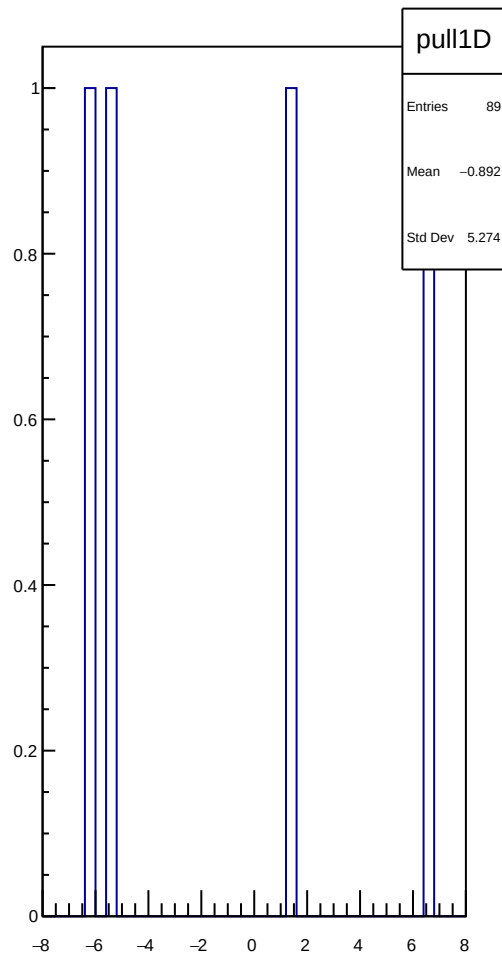
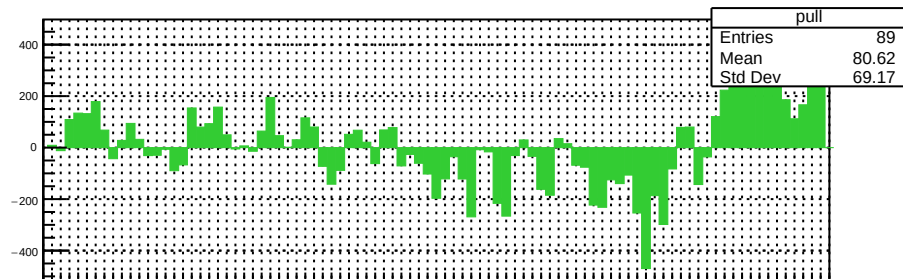
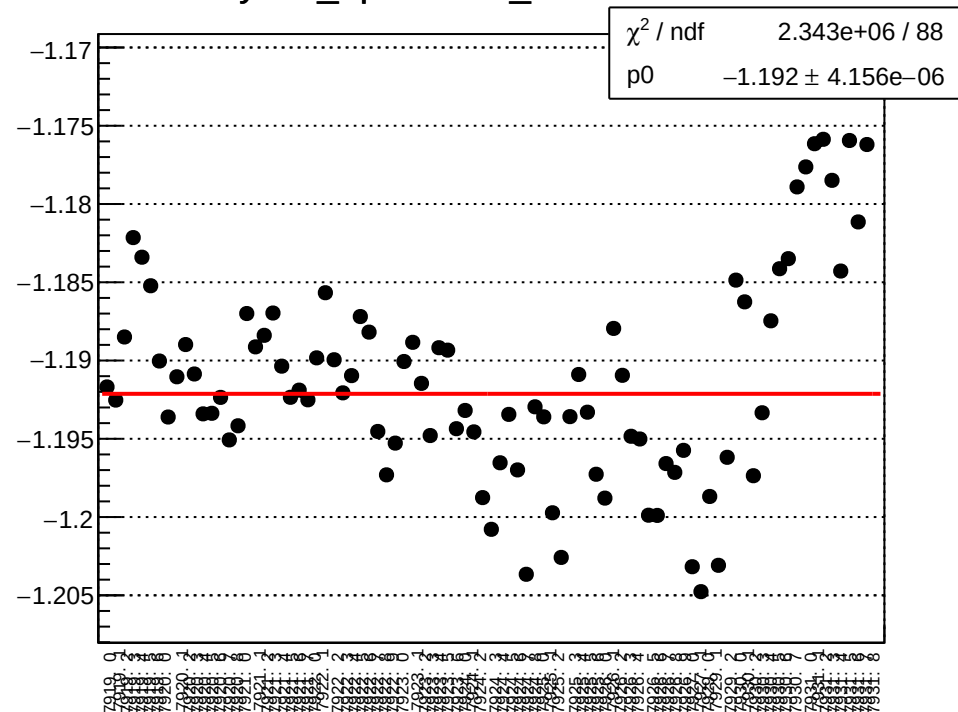
yield_bpm0i05X_mean vs run



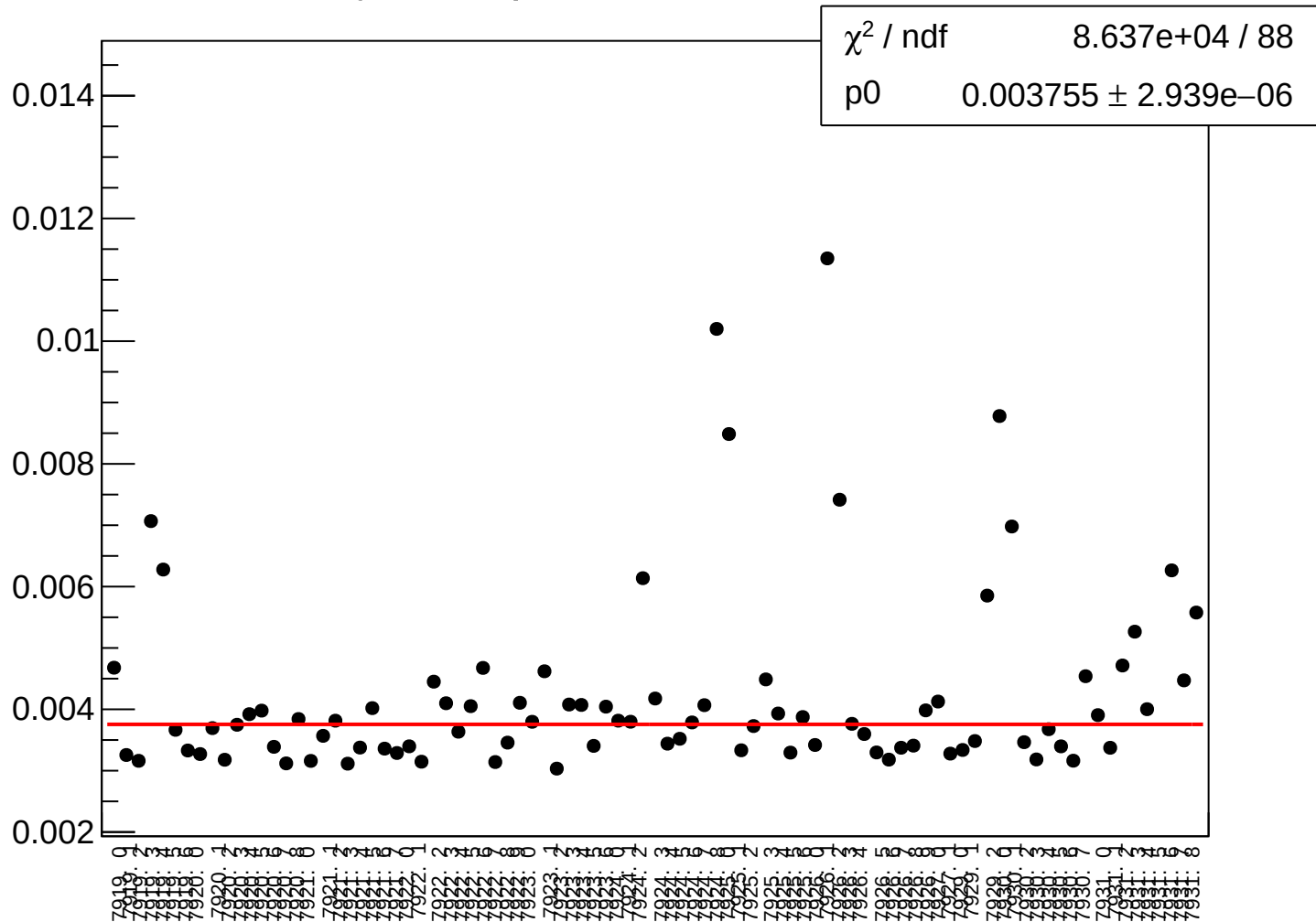
yield_bpm0i05X_rms vs run



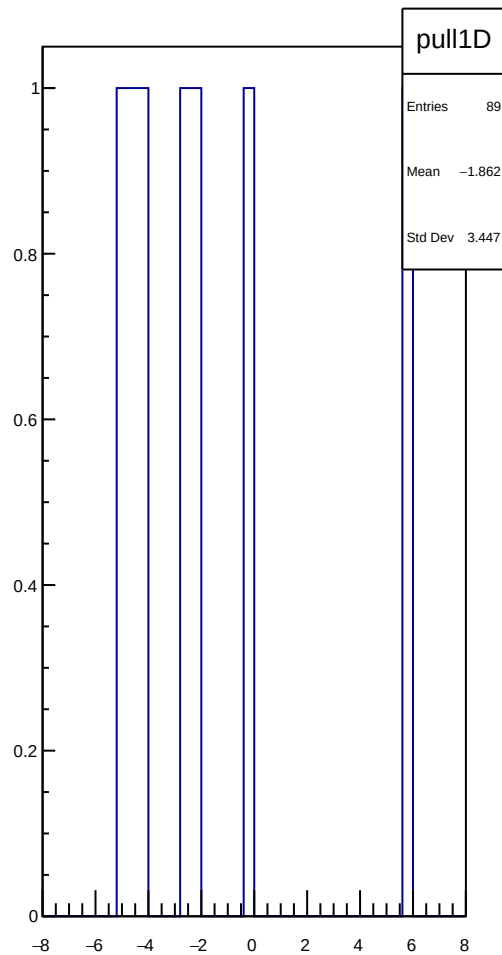
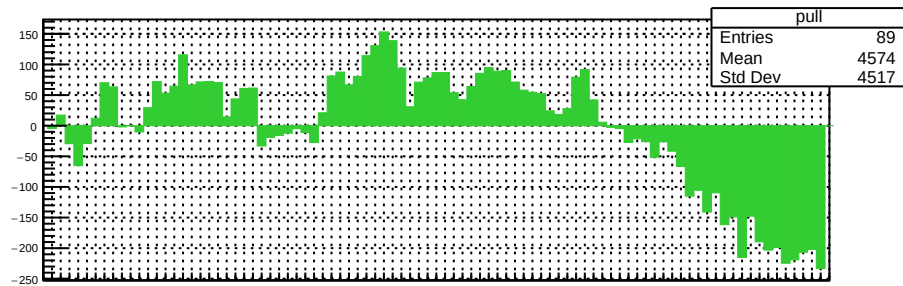
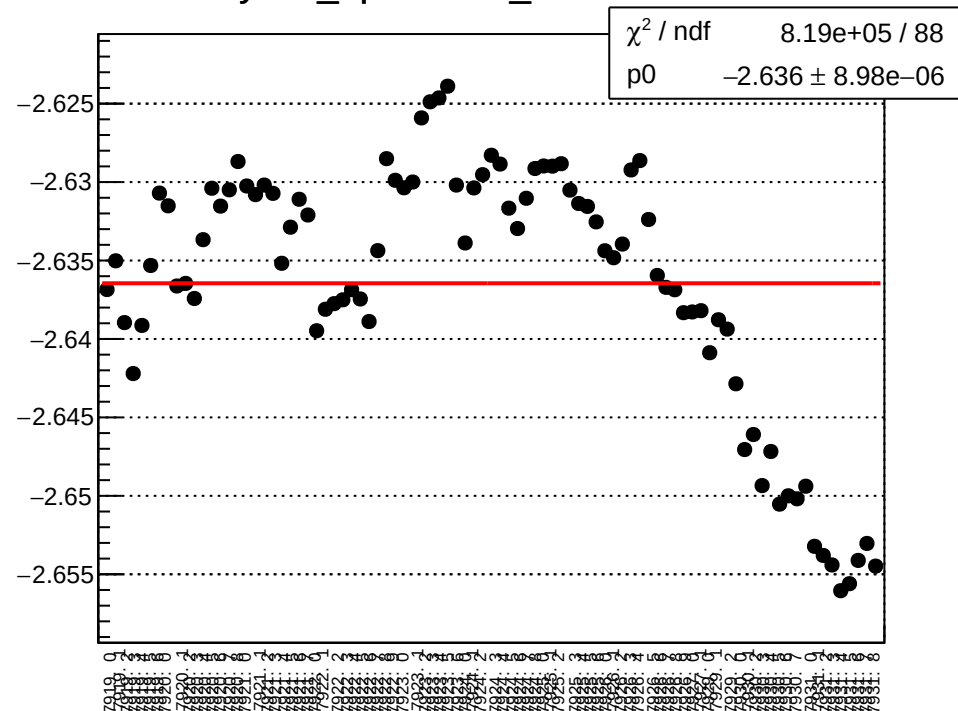
yield_bpm0i05Y_mean vs run



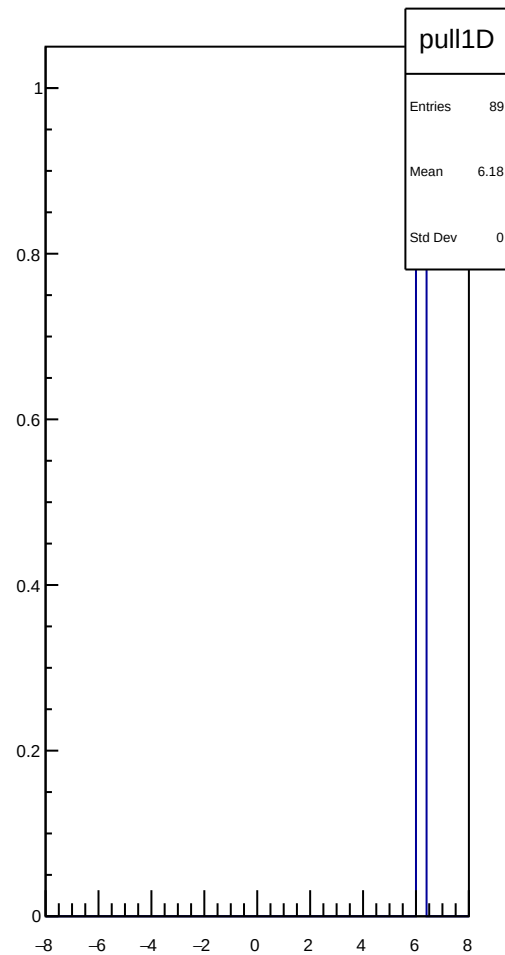
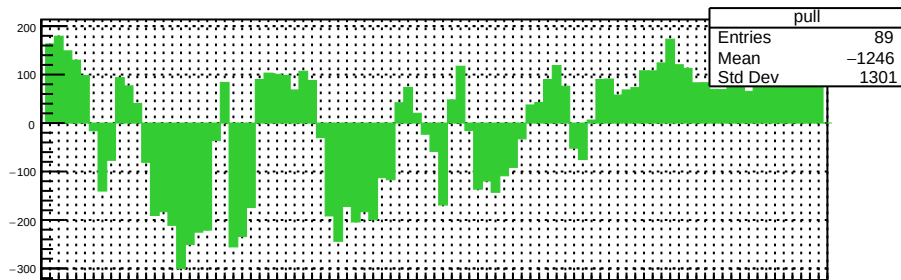
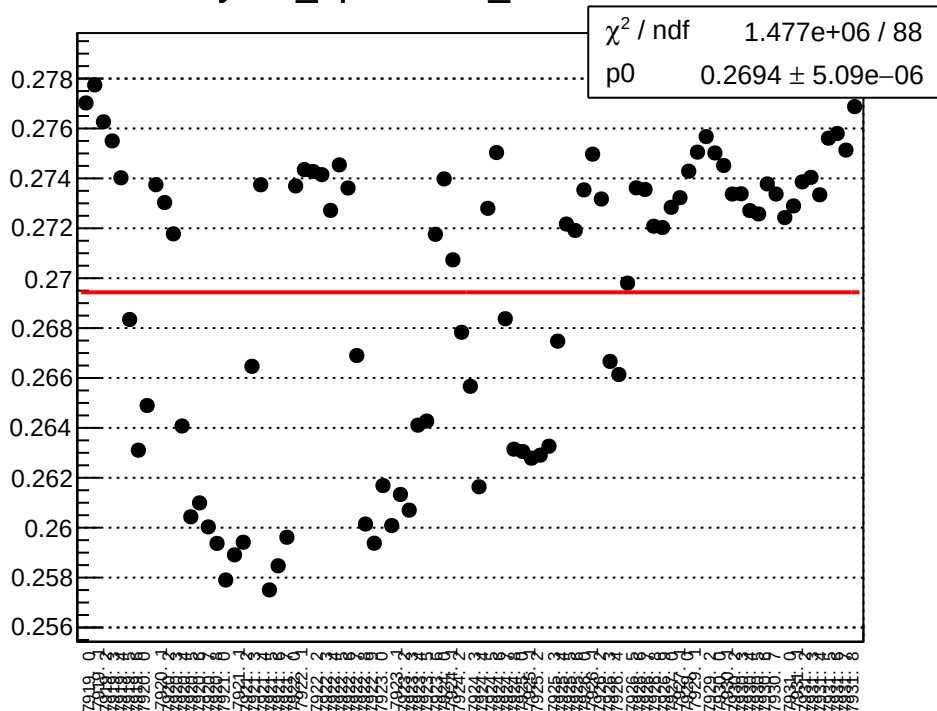
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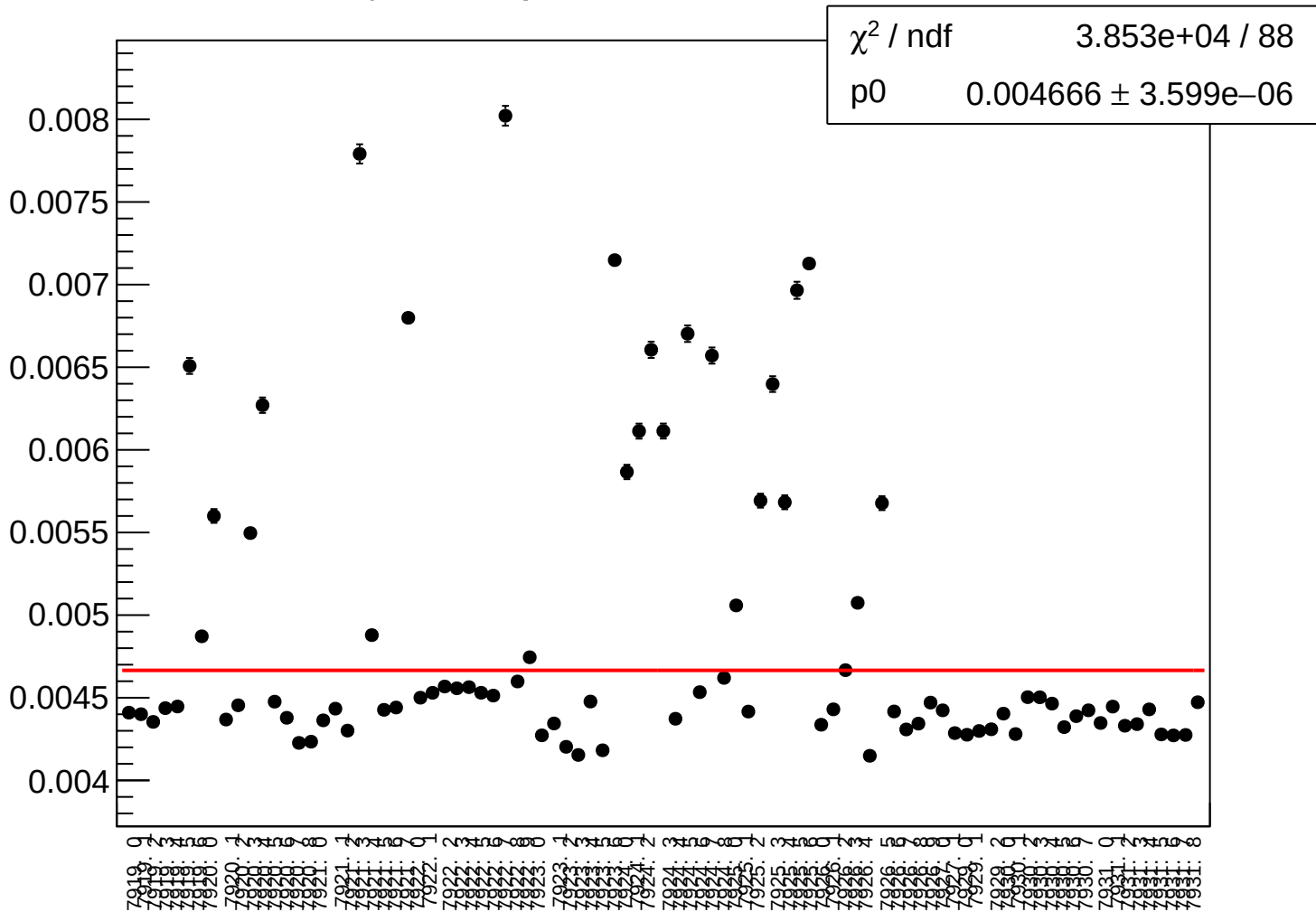
yield_bpm0i07X_mean vs run



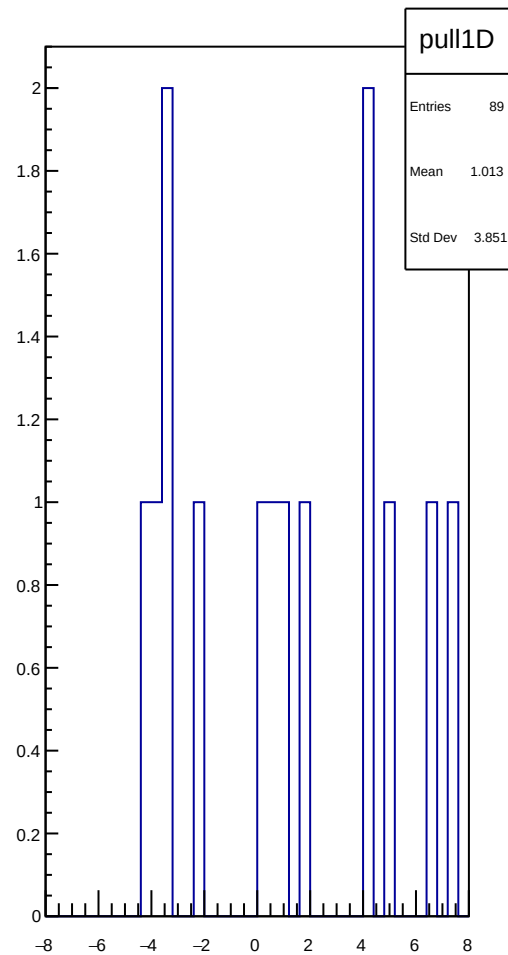
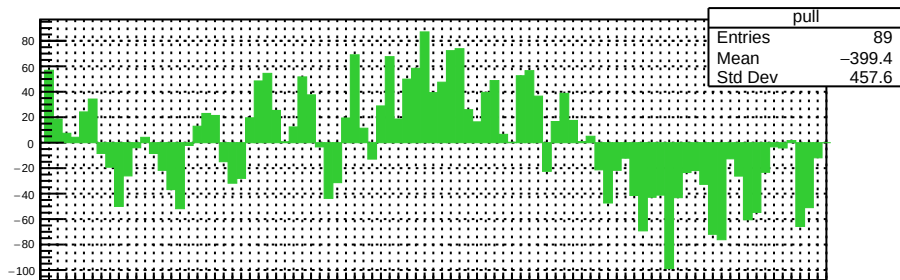
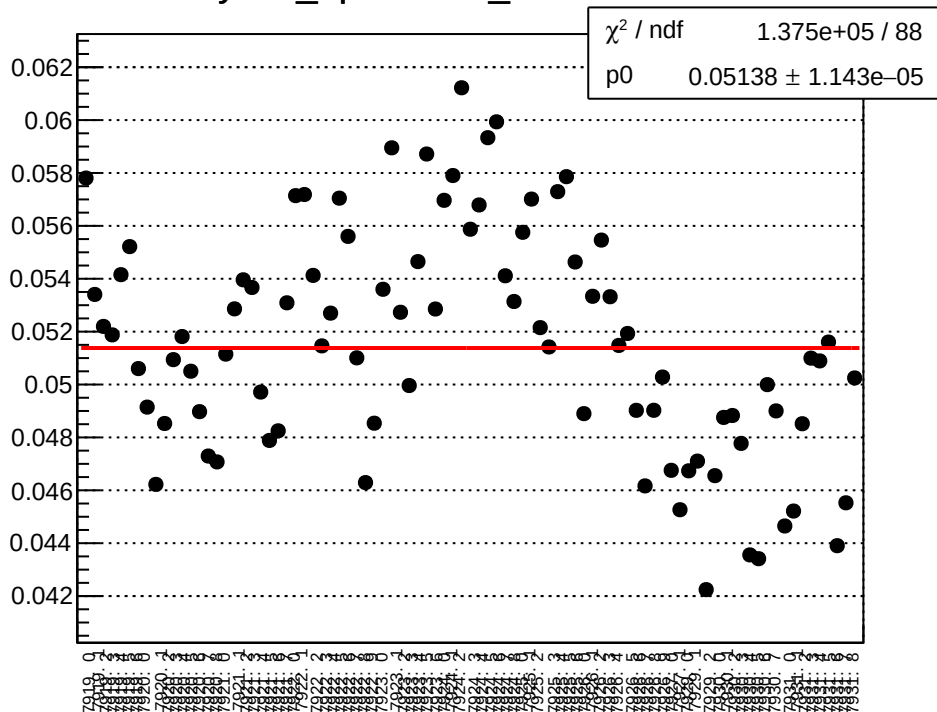
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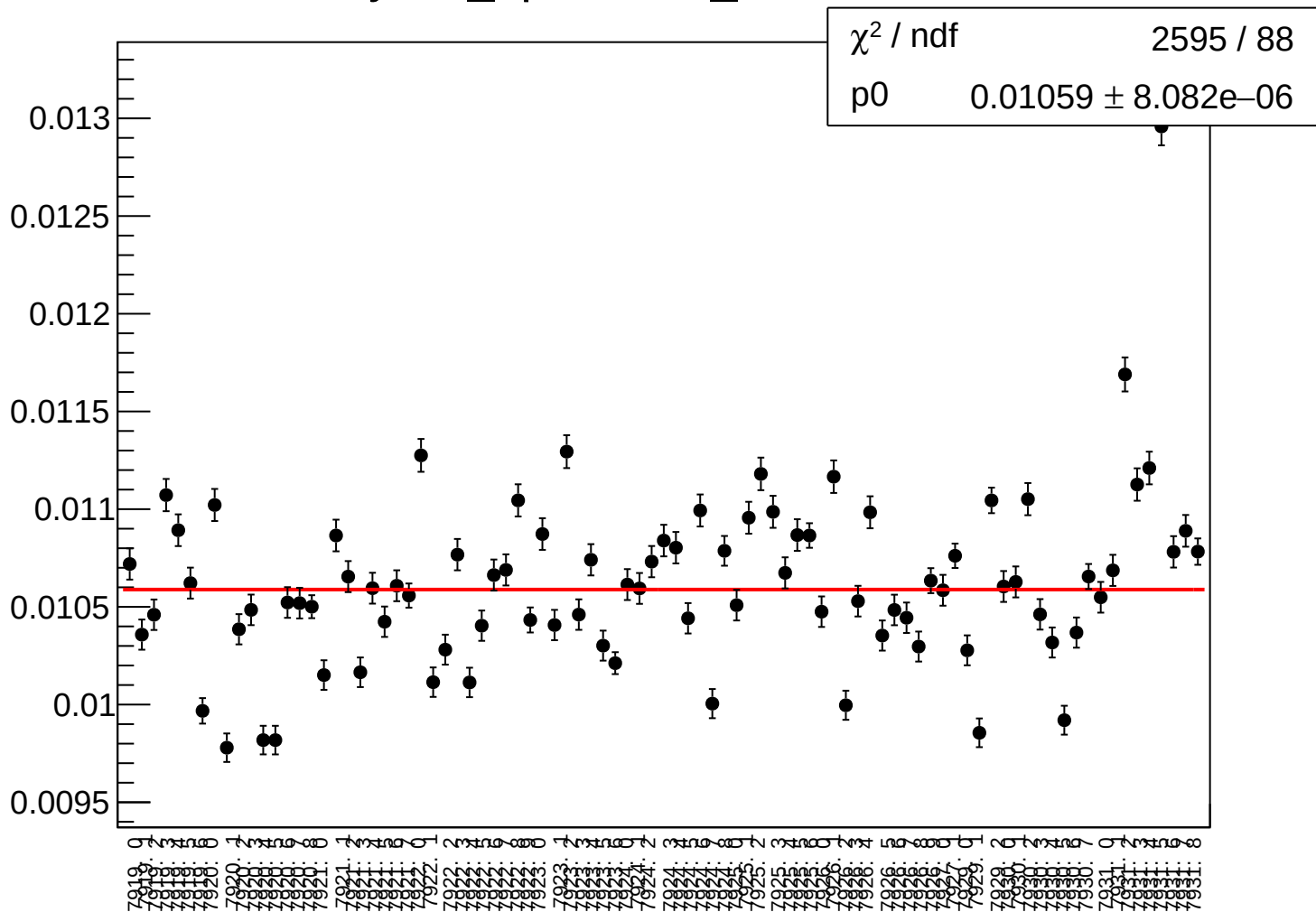
yield_bpm0i07Y_rms vs run



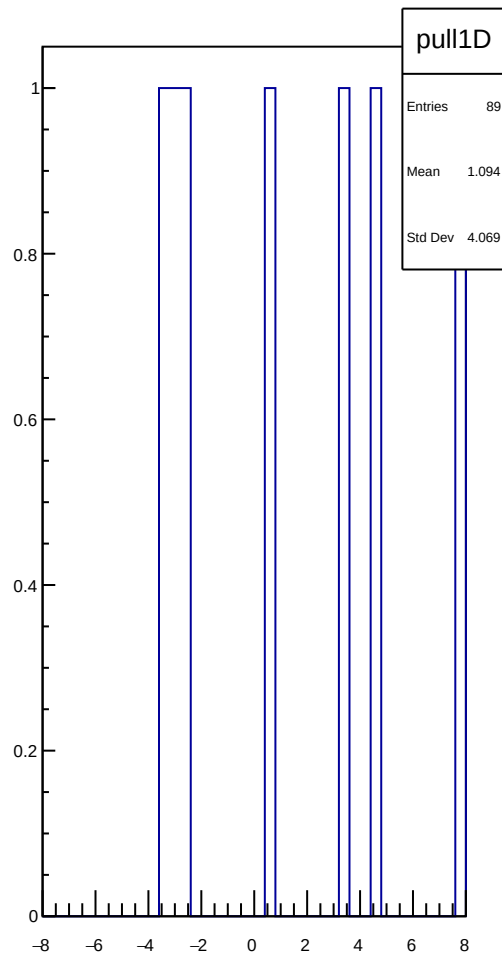
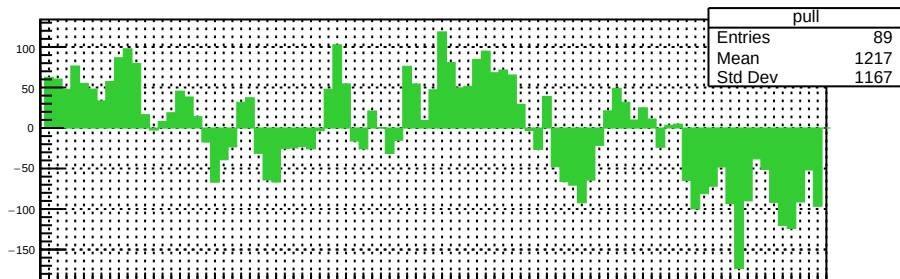
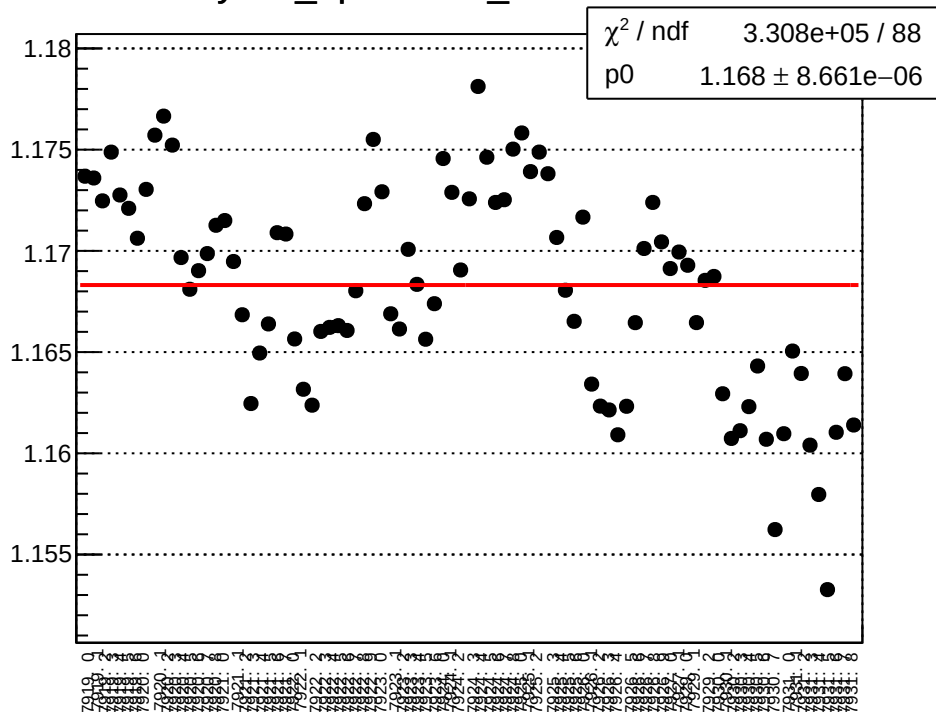
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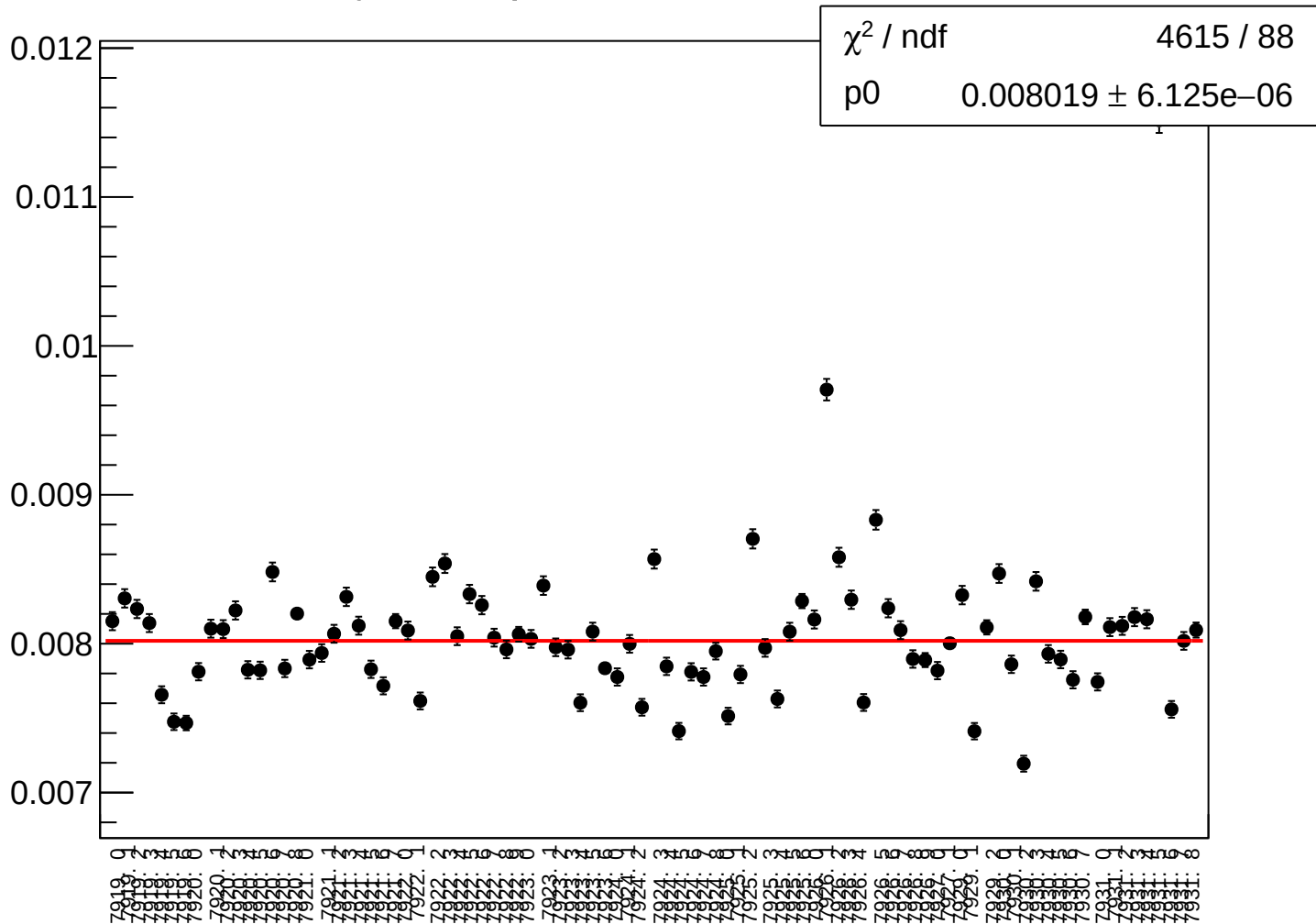
yield_bpm1i02X_rms vs run



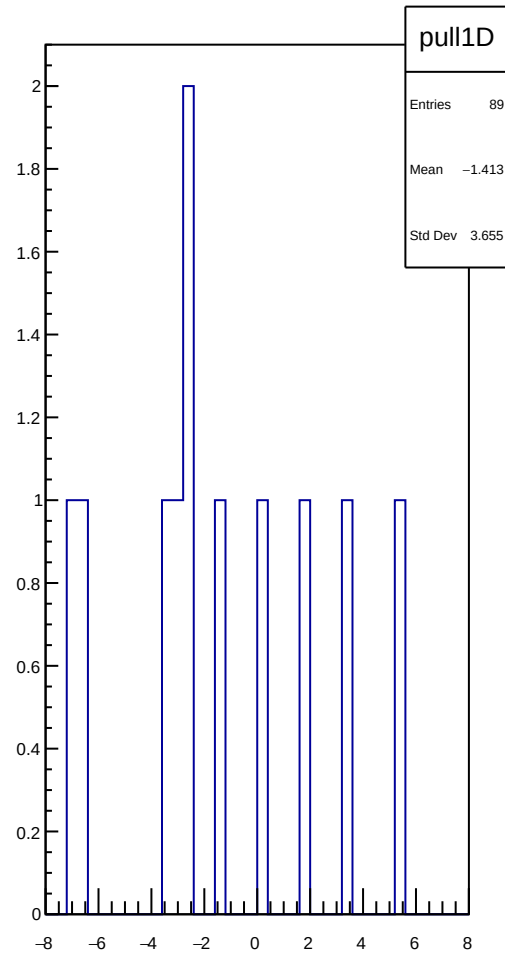
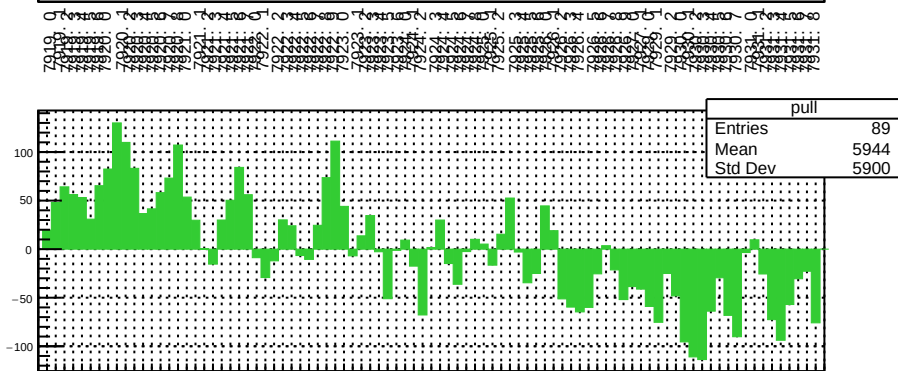
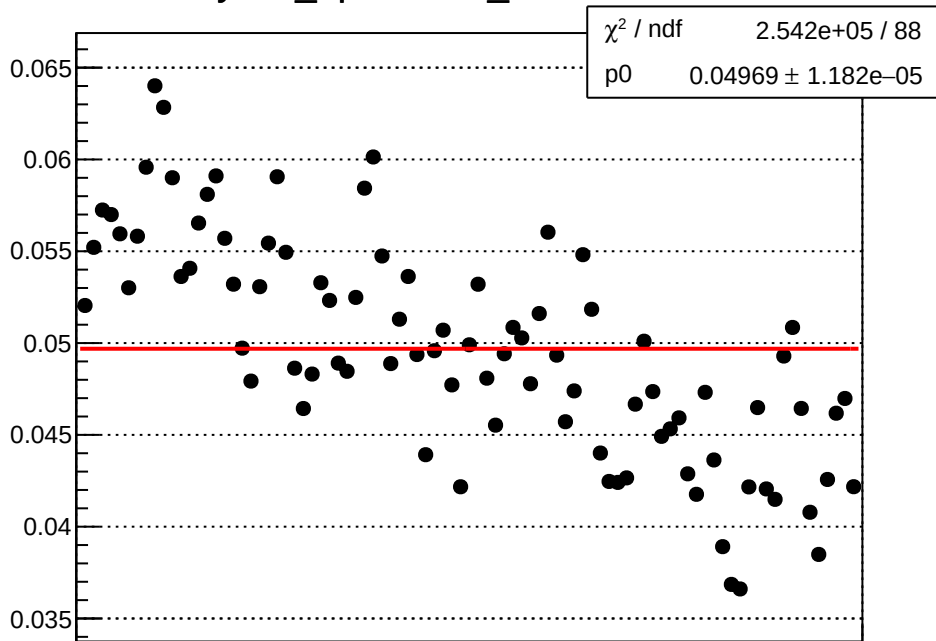
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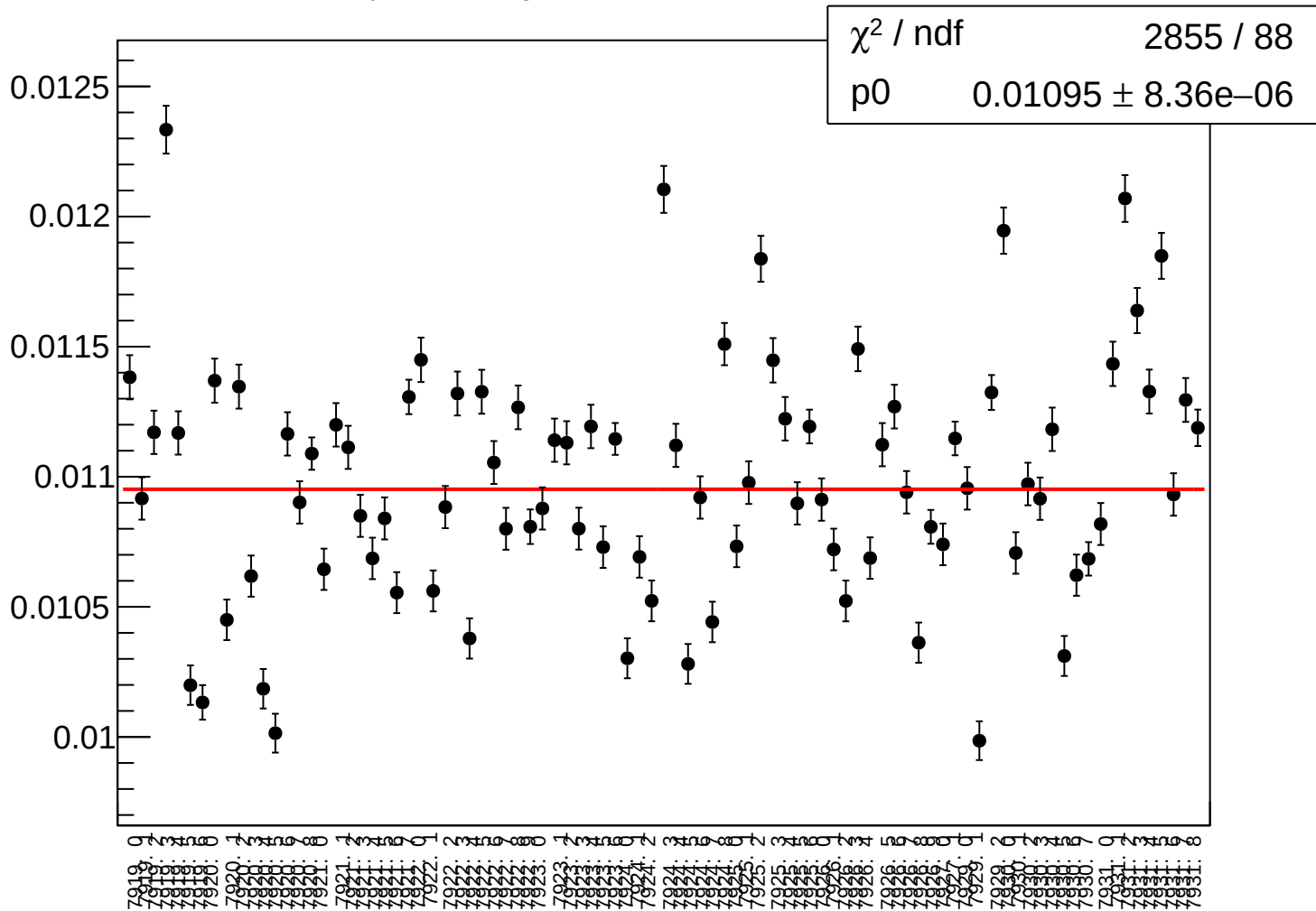
yield_bpm1i02Y_rms vs run



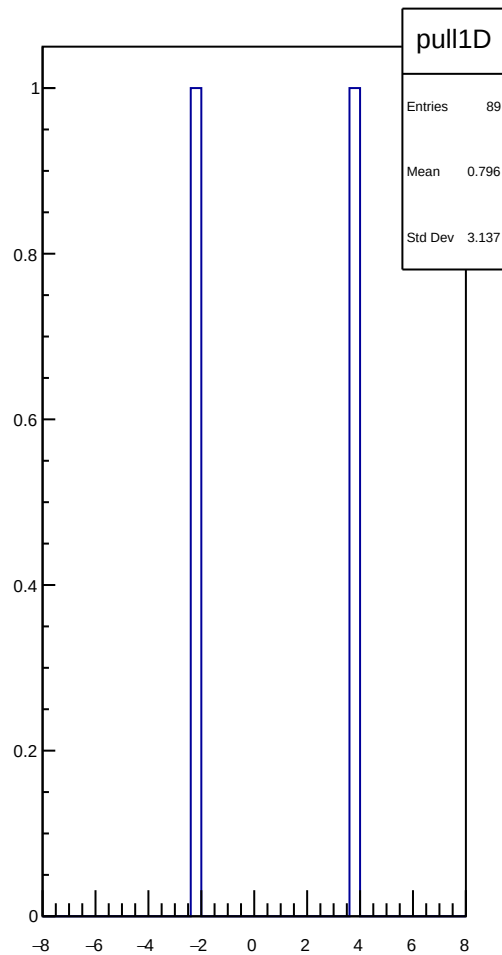
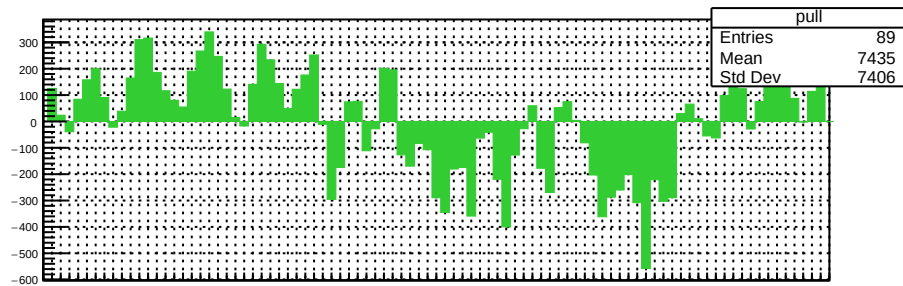
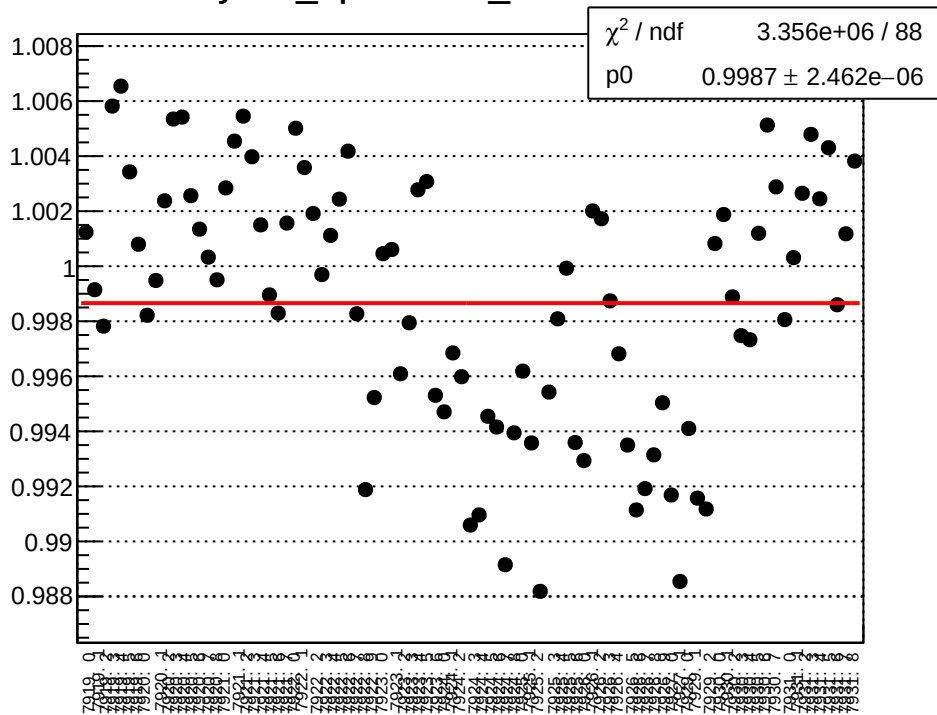
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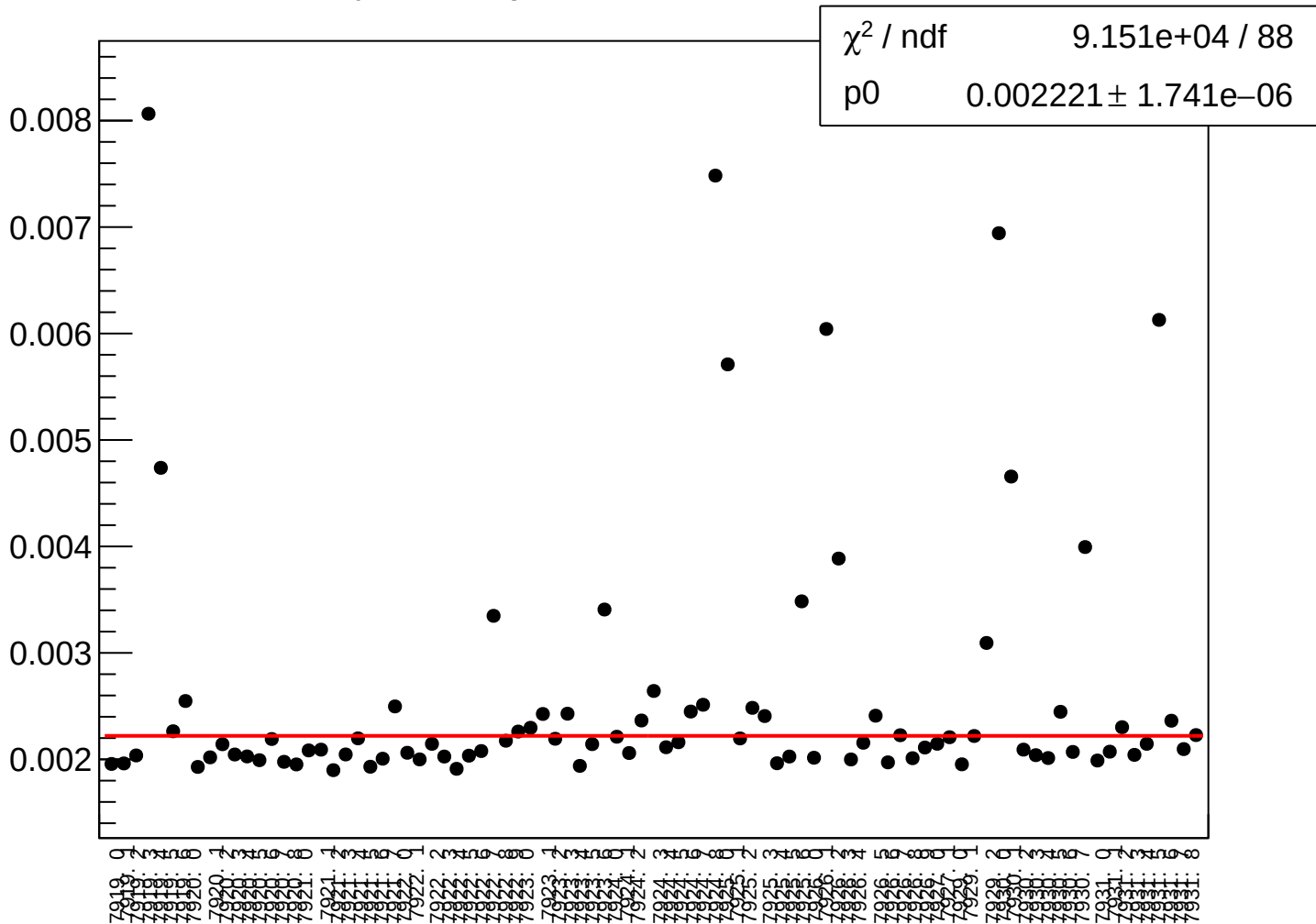
yield_bpm1i04X_rms vs run



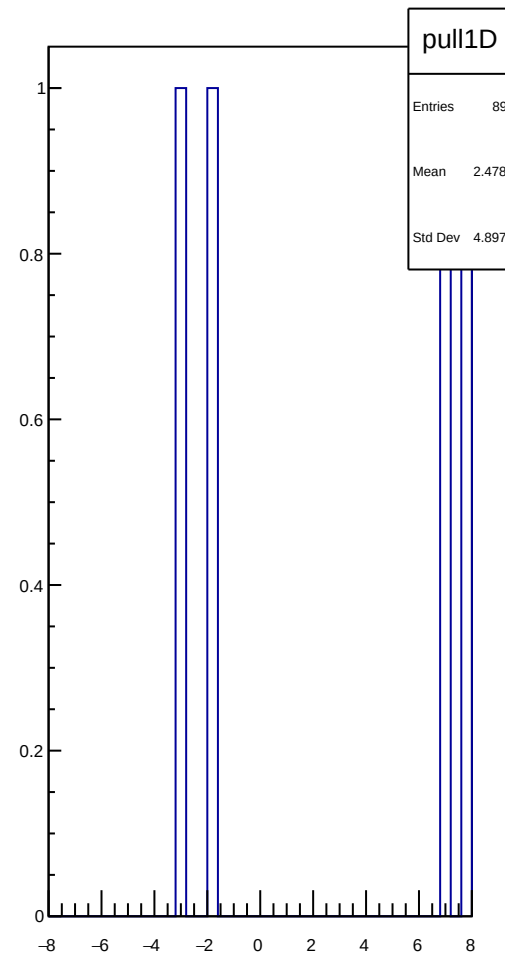
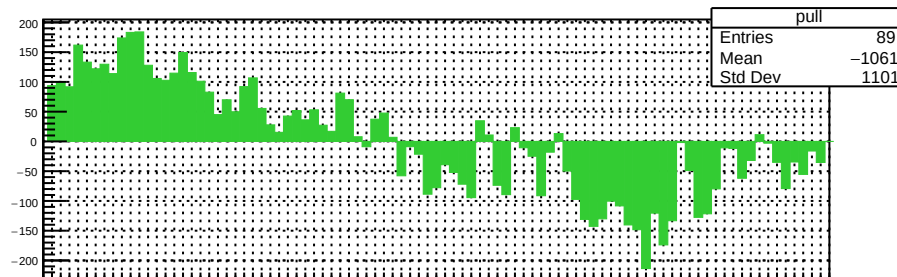
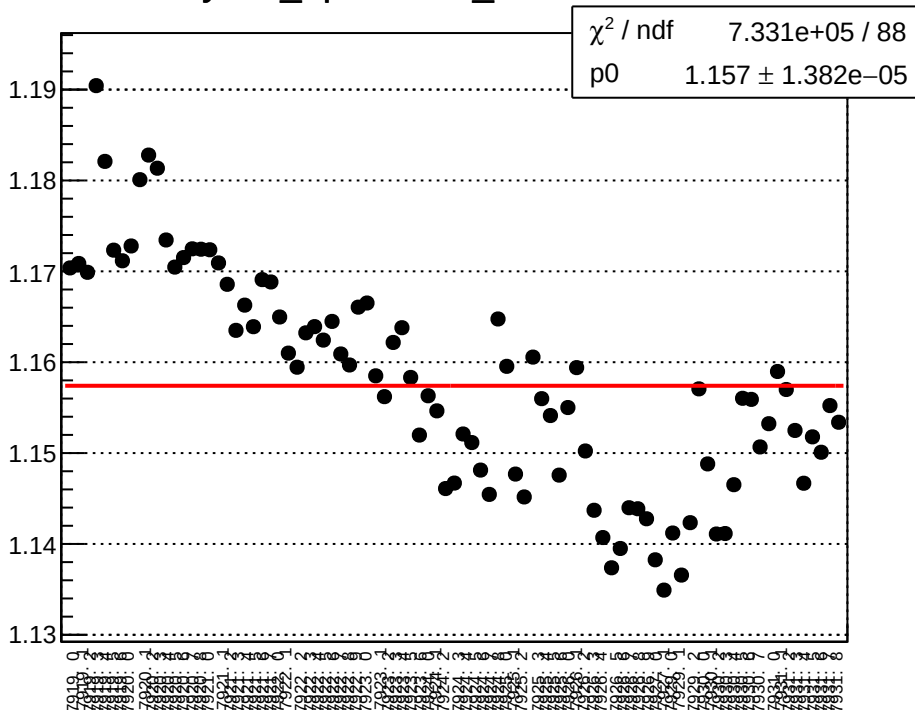
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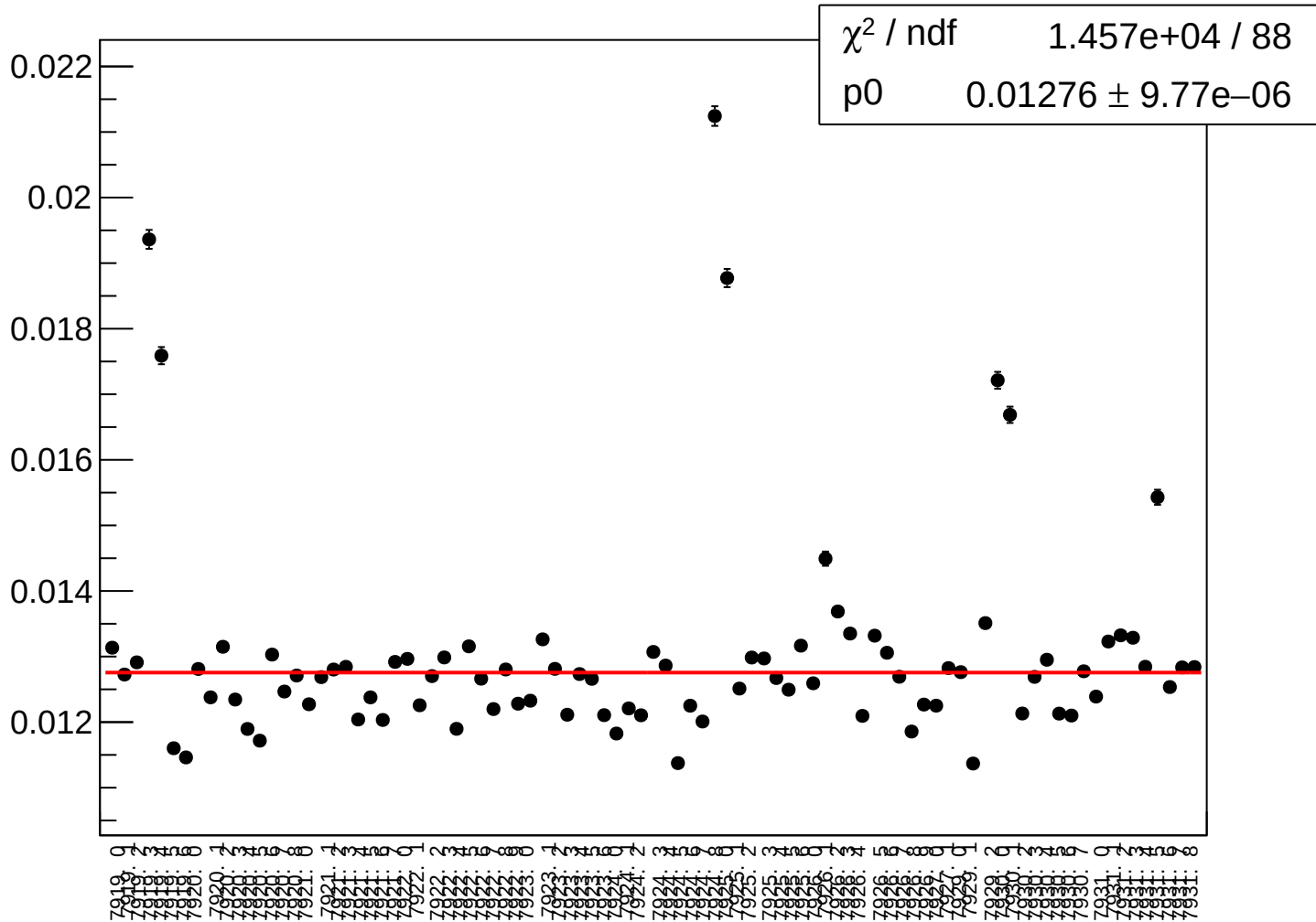
yield_bpm1i04Y_rms vs run



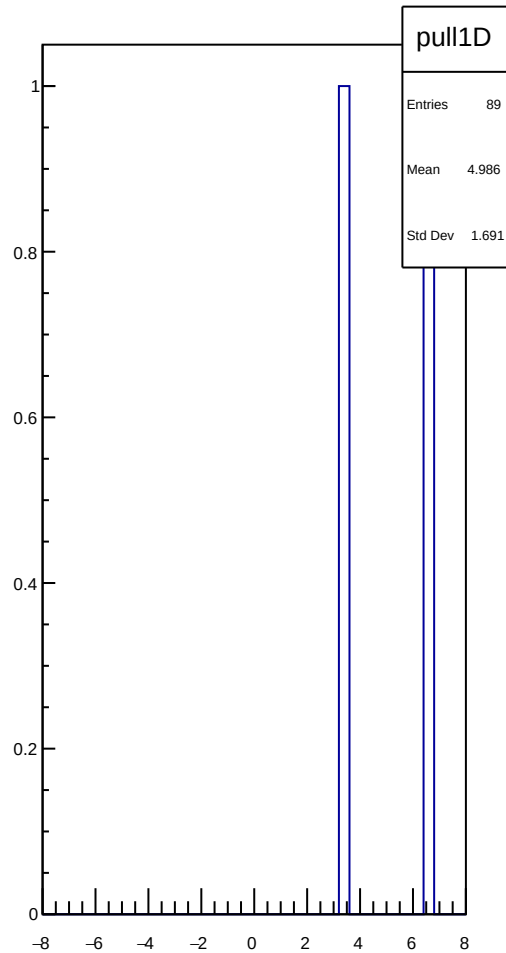
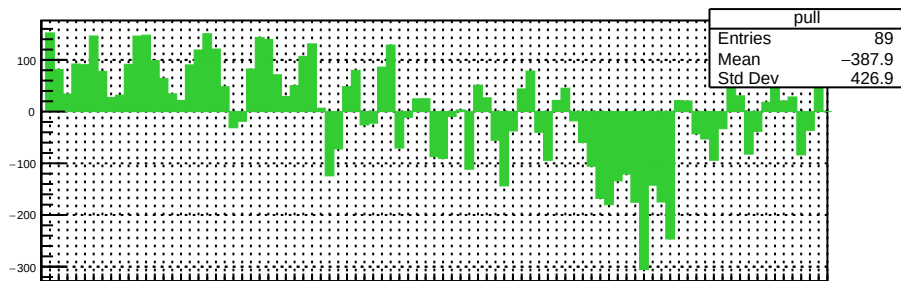
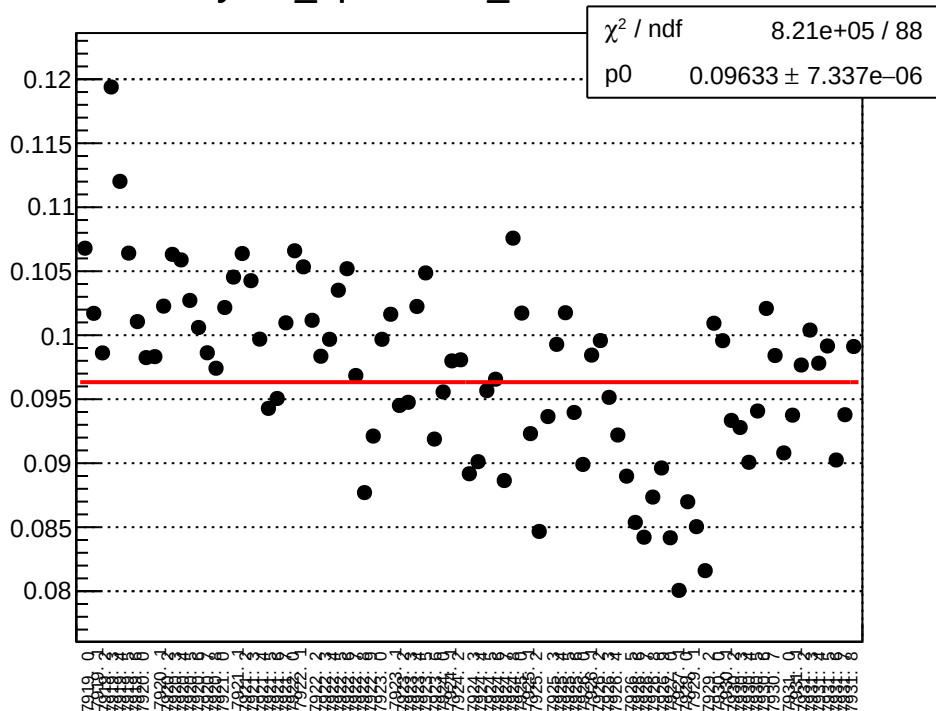
yield_bpm1i06X_mean vs run



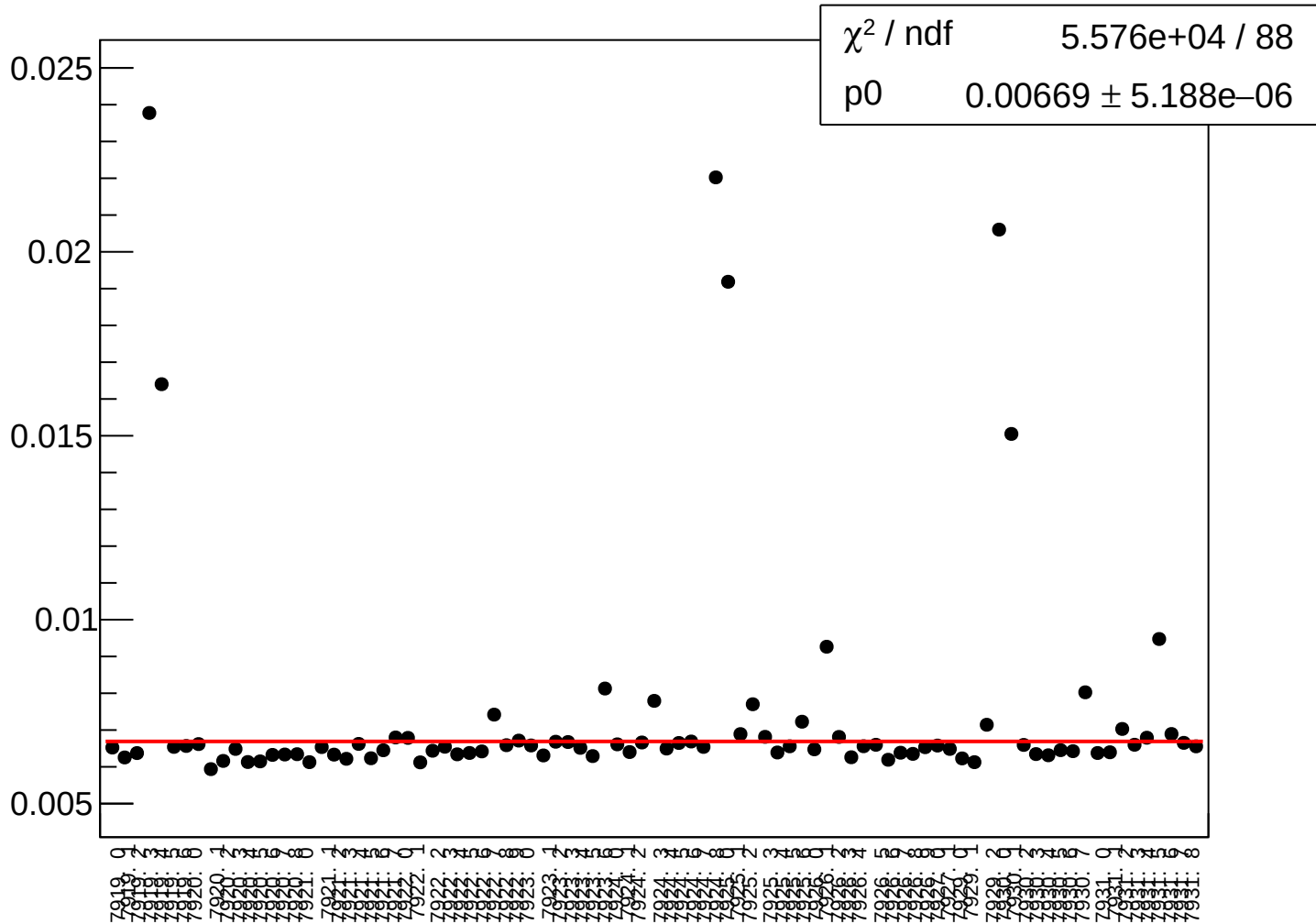
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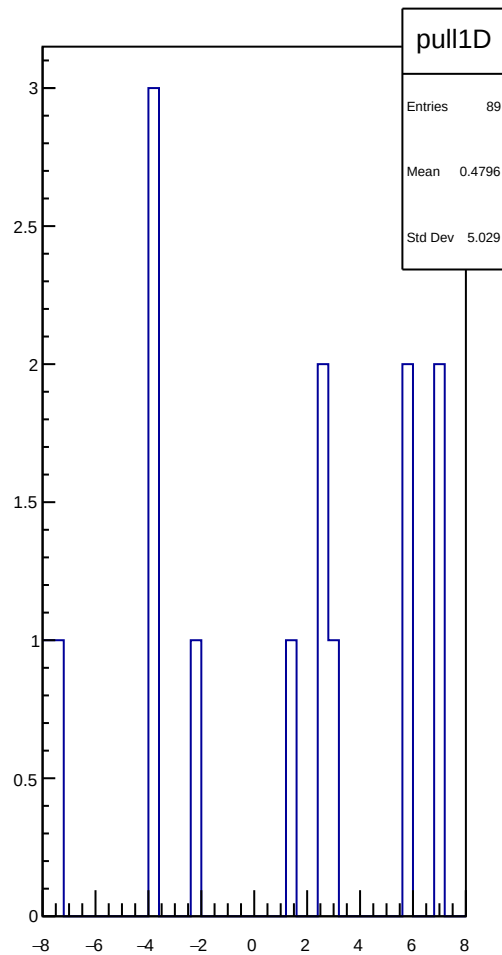
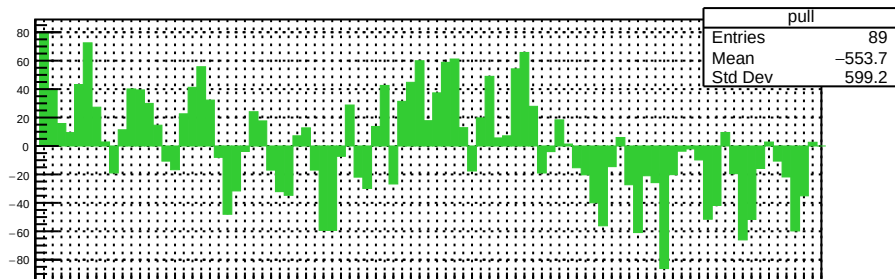
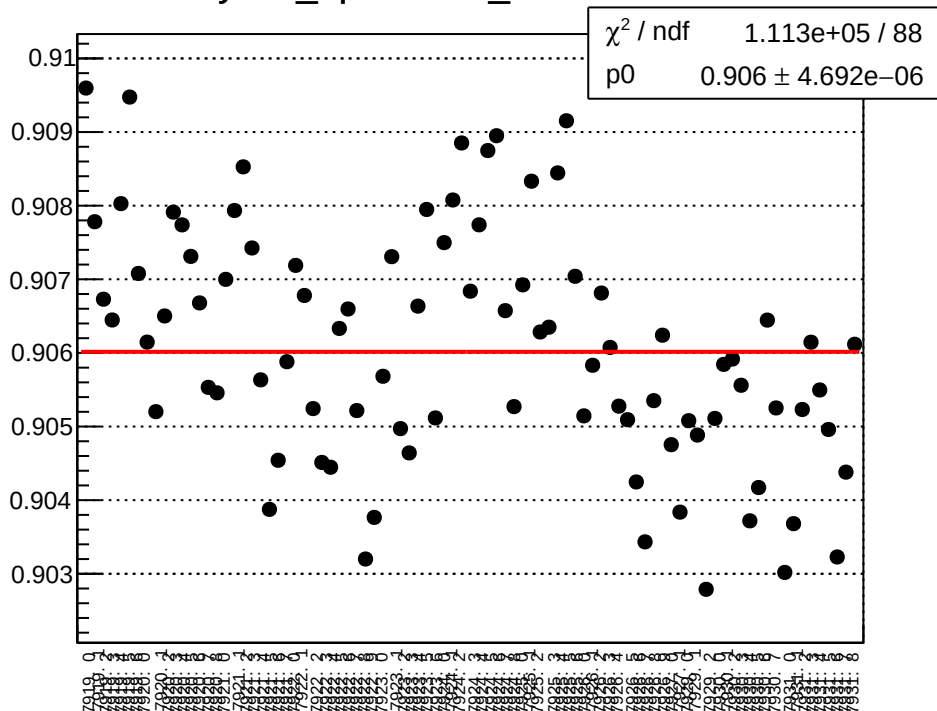
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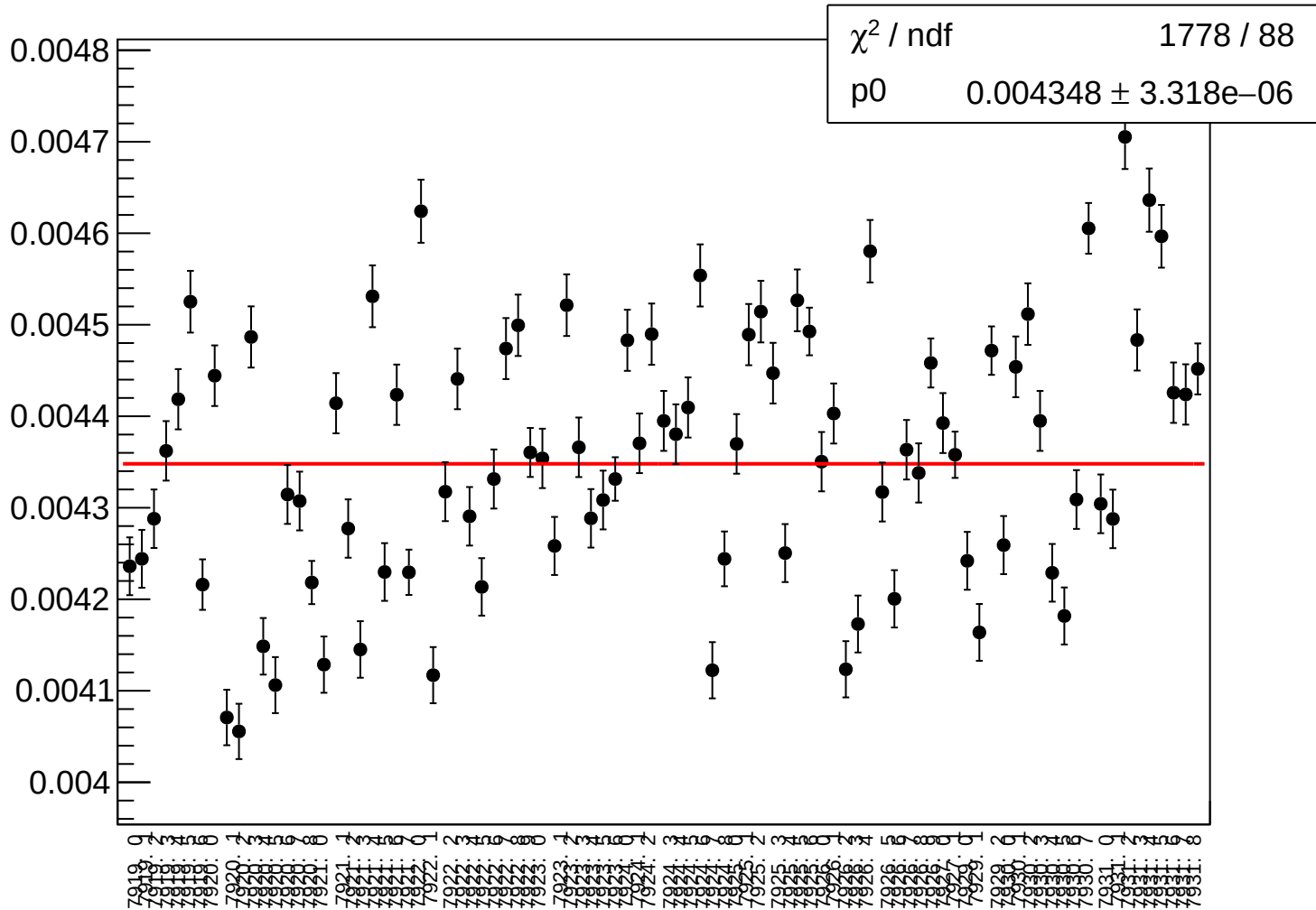
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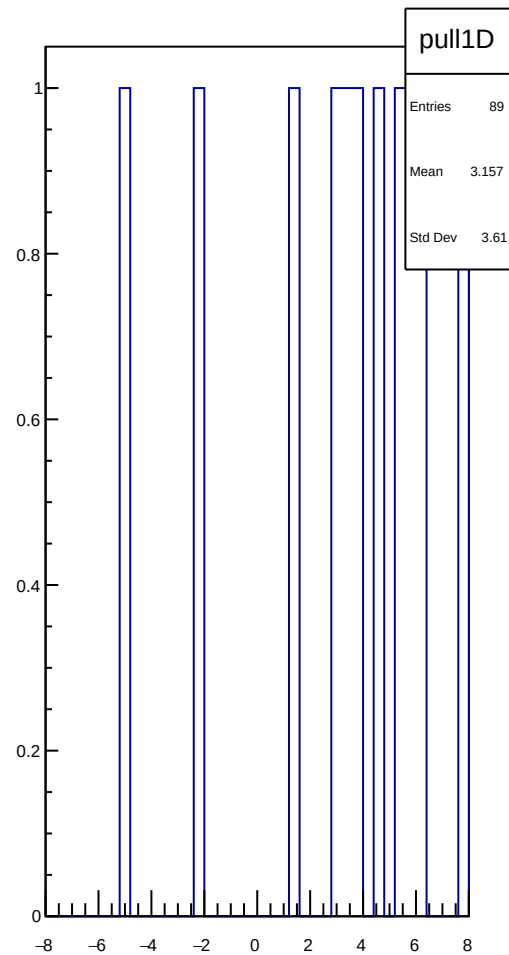
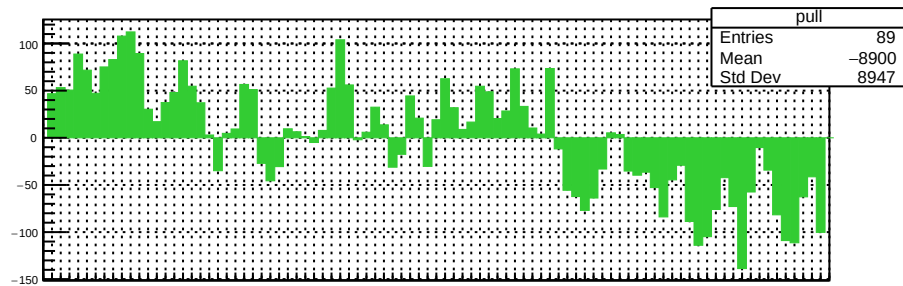
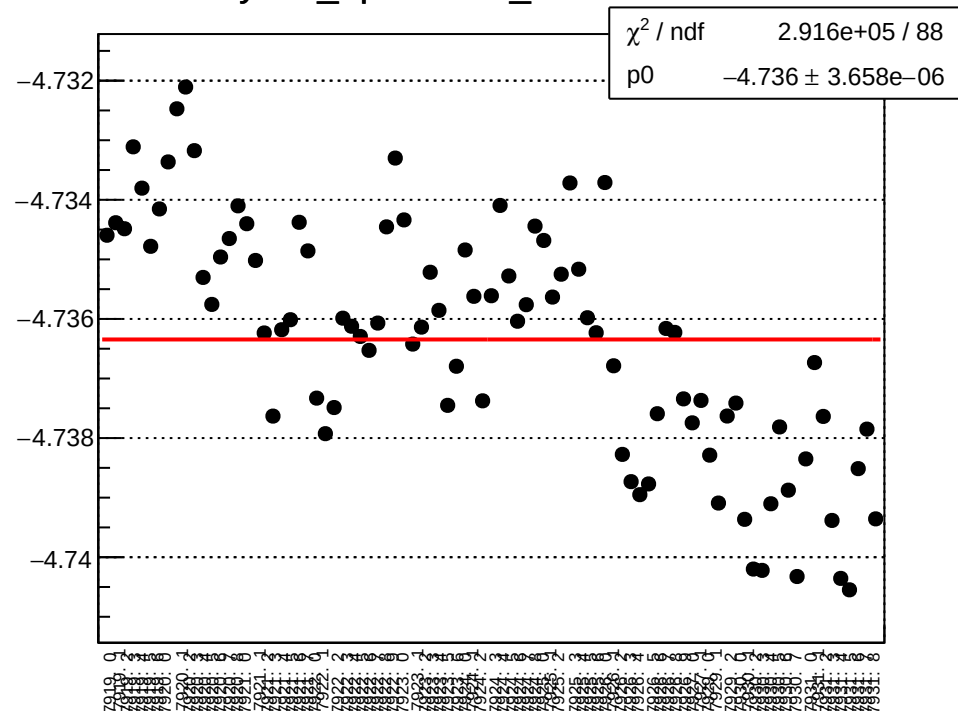
yield_bpm2i01X_mean vs run



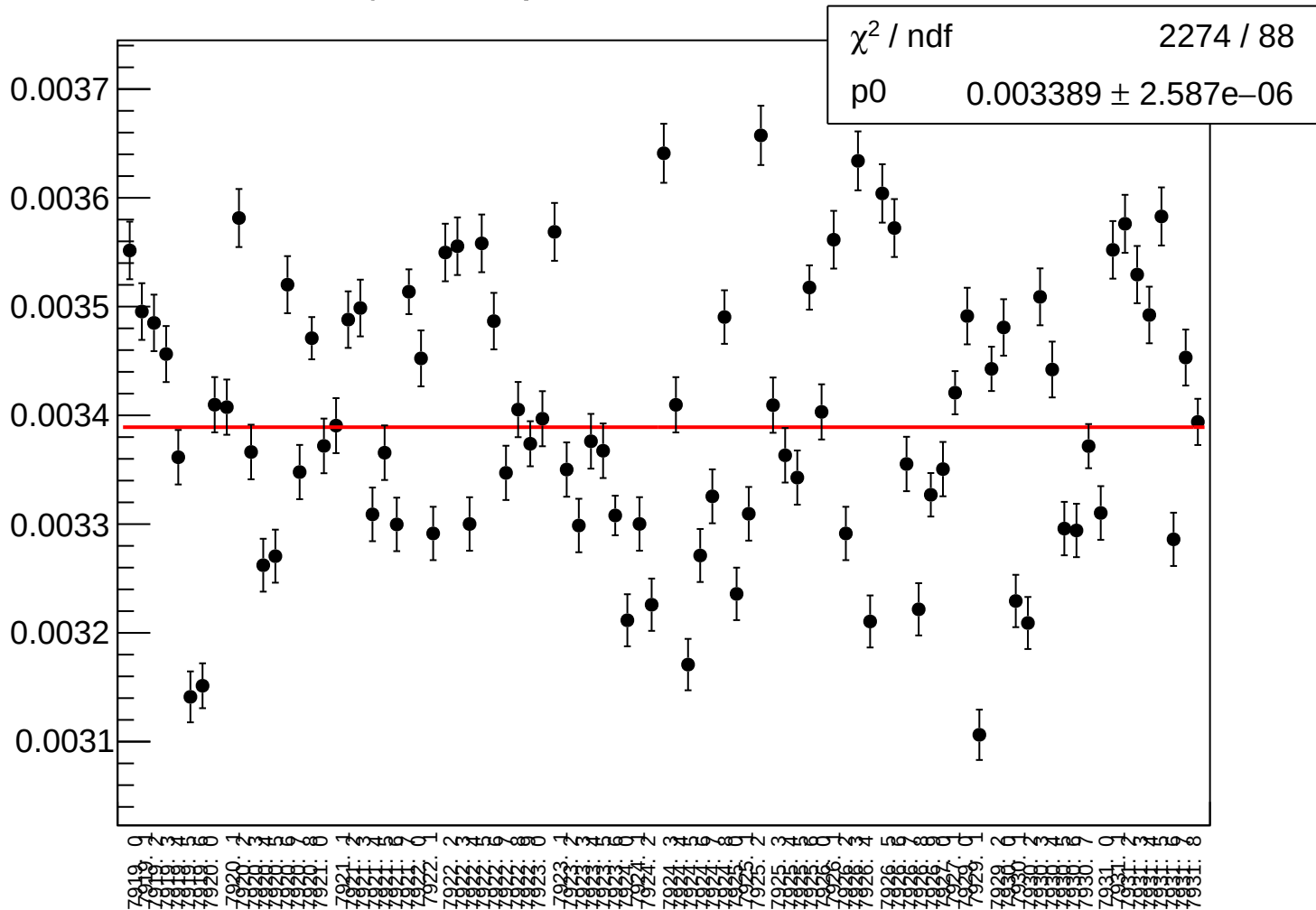
yield_bpm2i01X_rms vs run



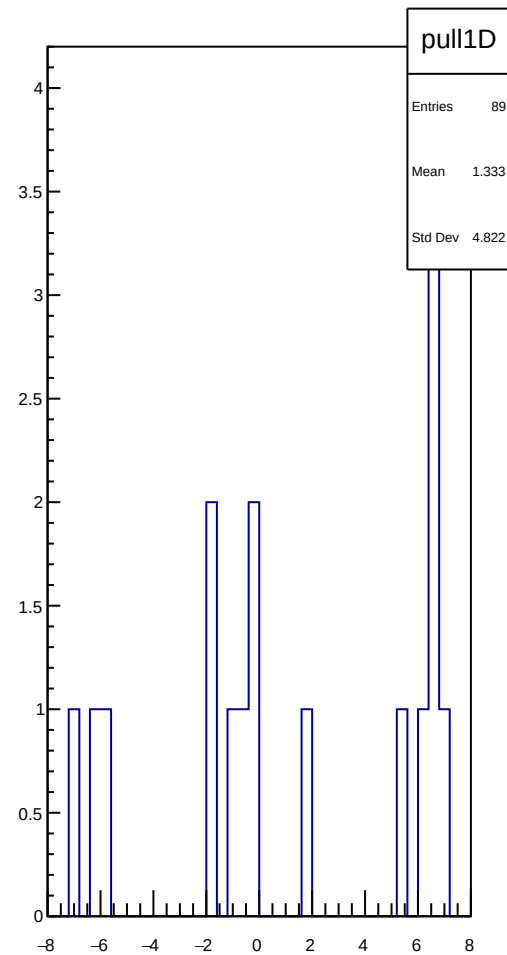
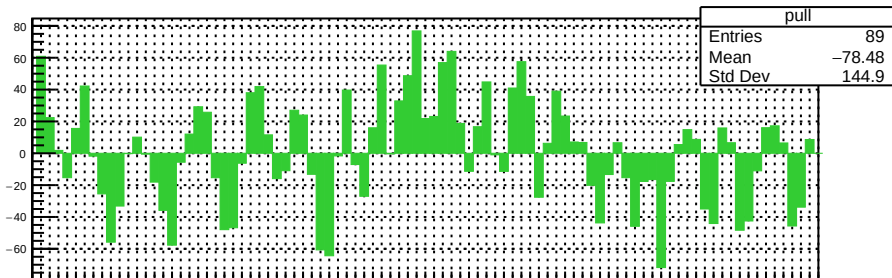
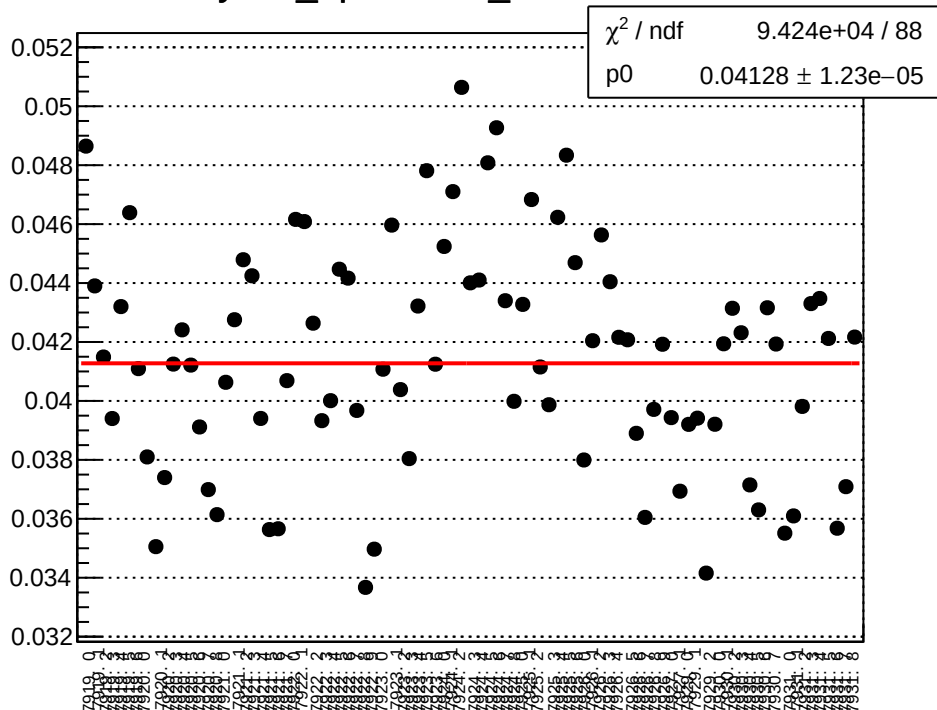
yield_bpm2i01Y_mean vs run



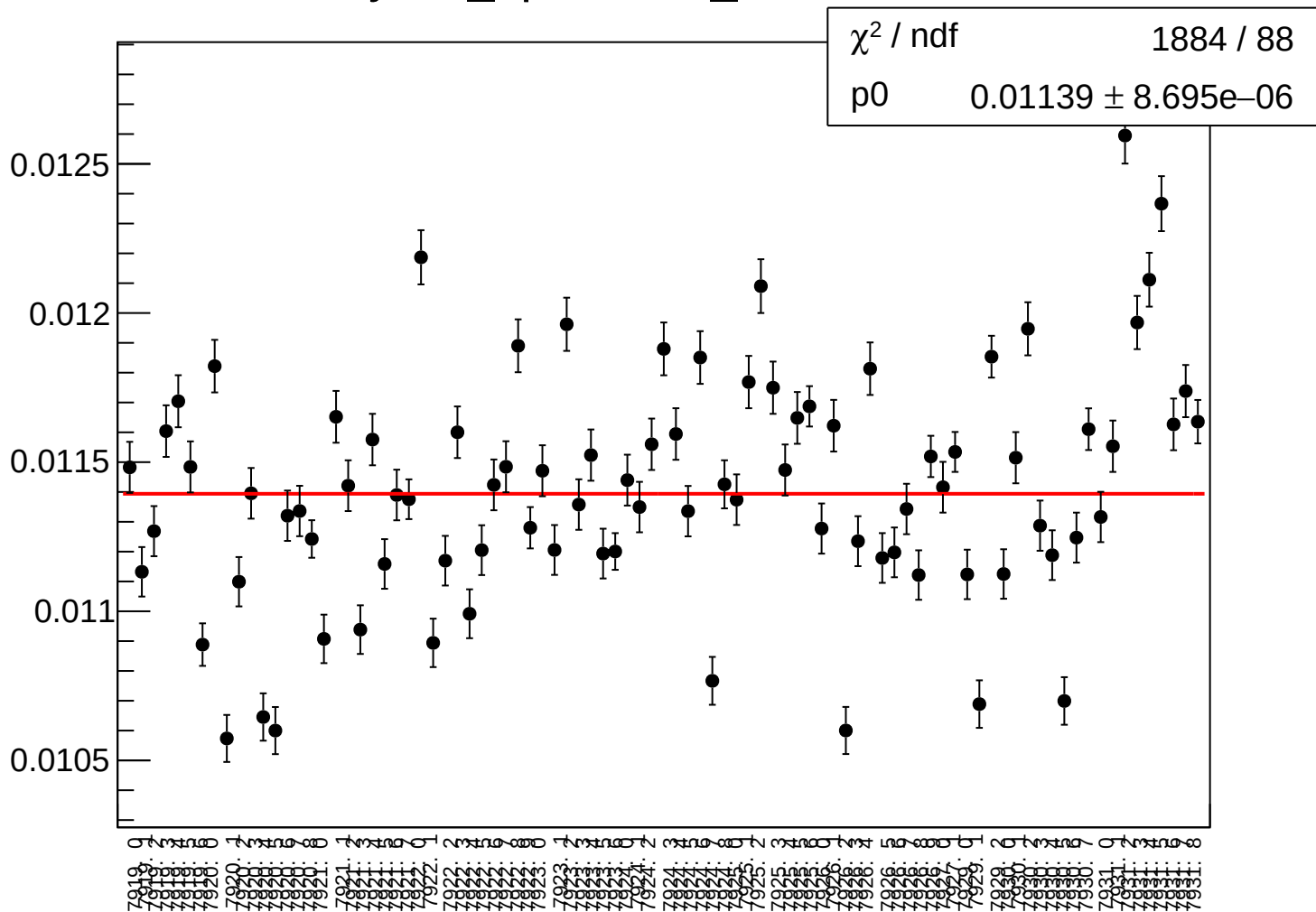
yield_bpm2i01Y_rms vs run



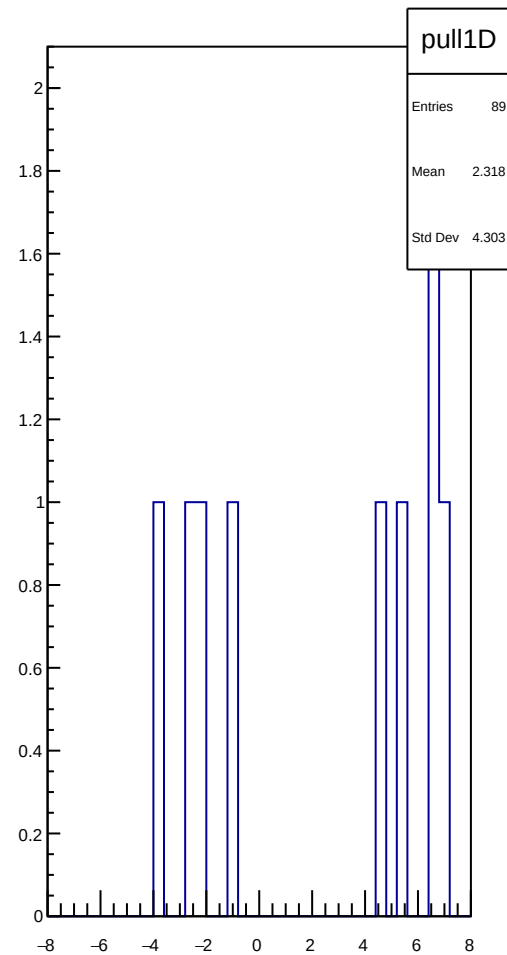
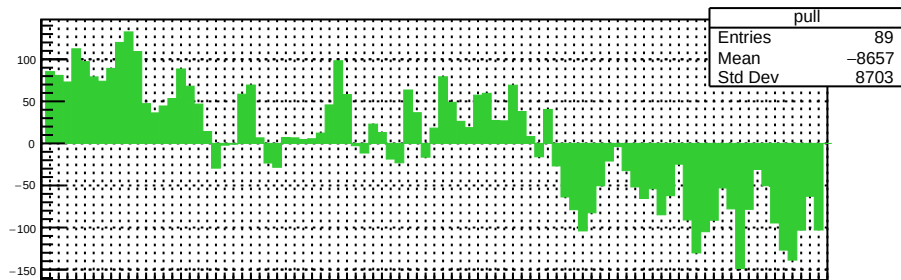
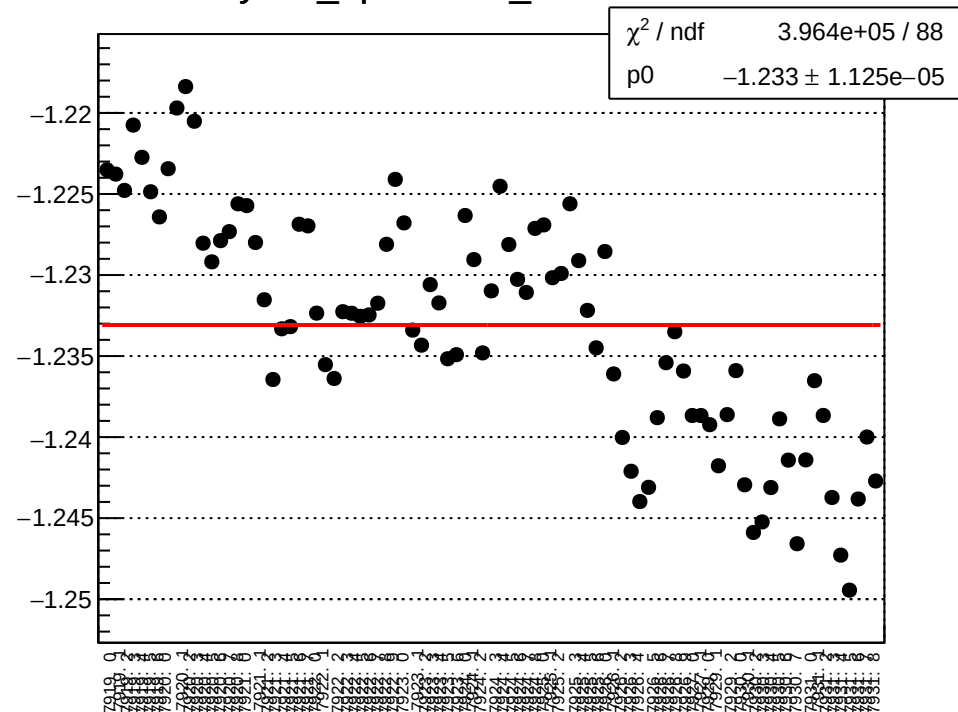
yield_bpm2i02X_mean vs run



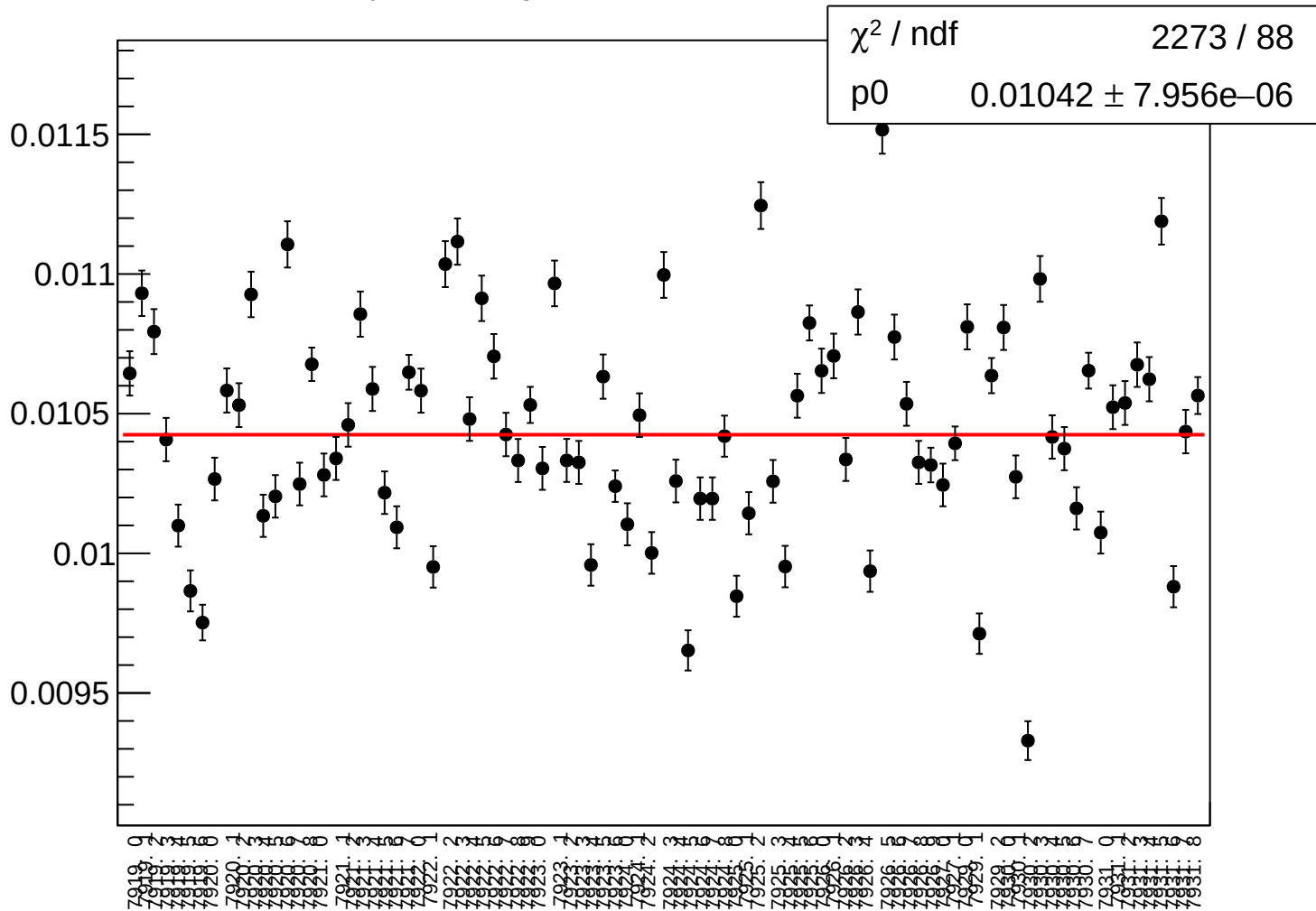
yield_bpm2i02X_rms vs run



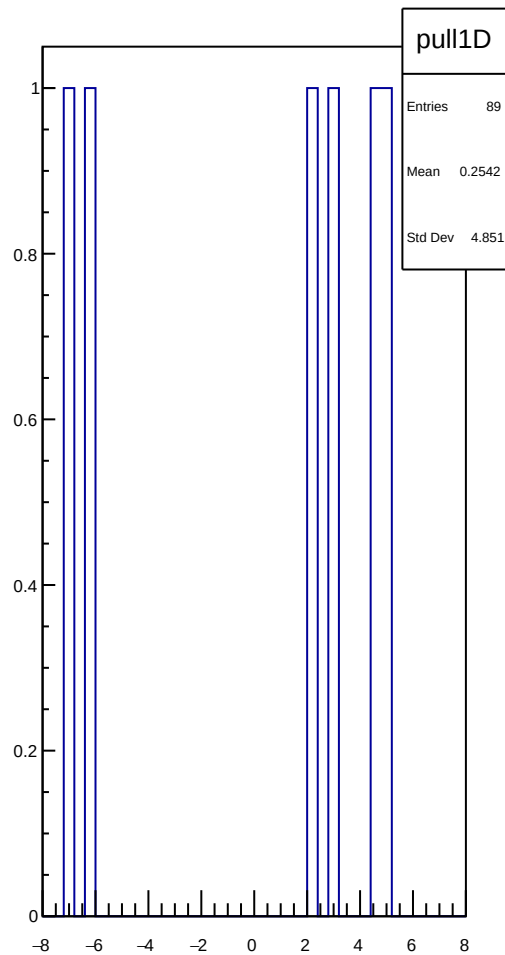
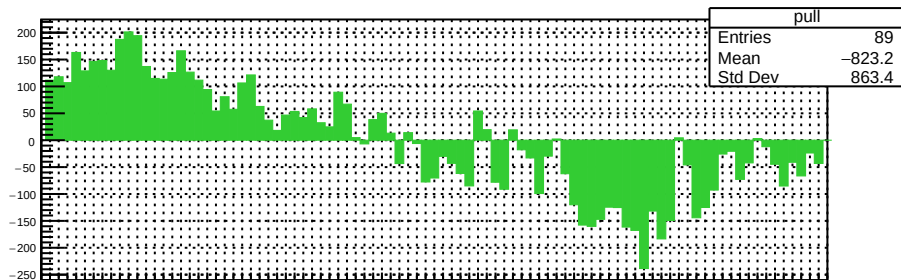
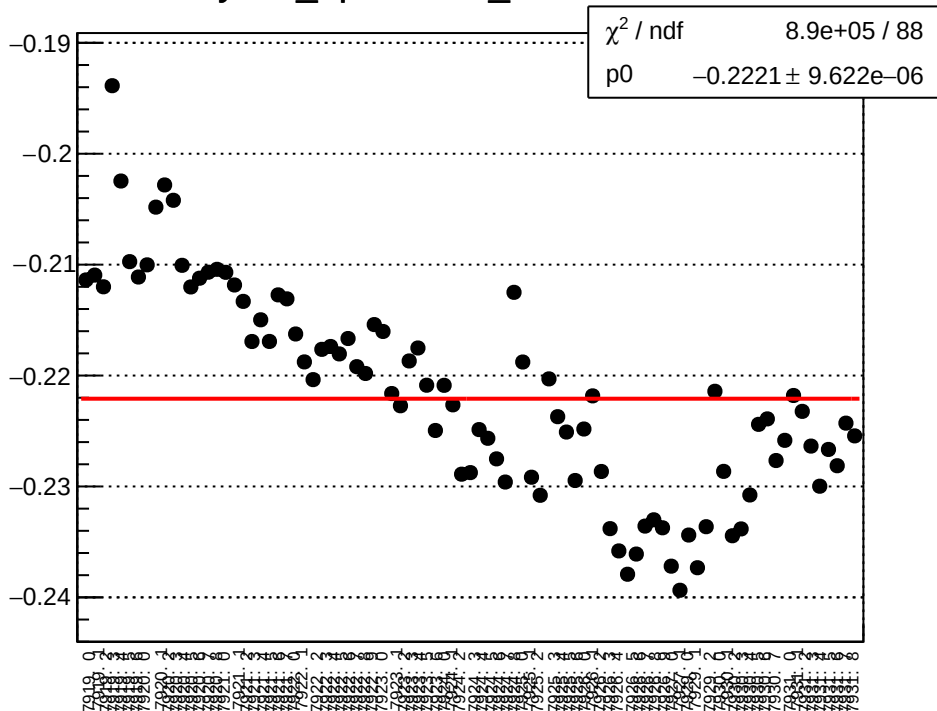
yield_bpm2i02Y_mean vs run



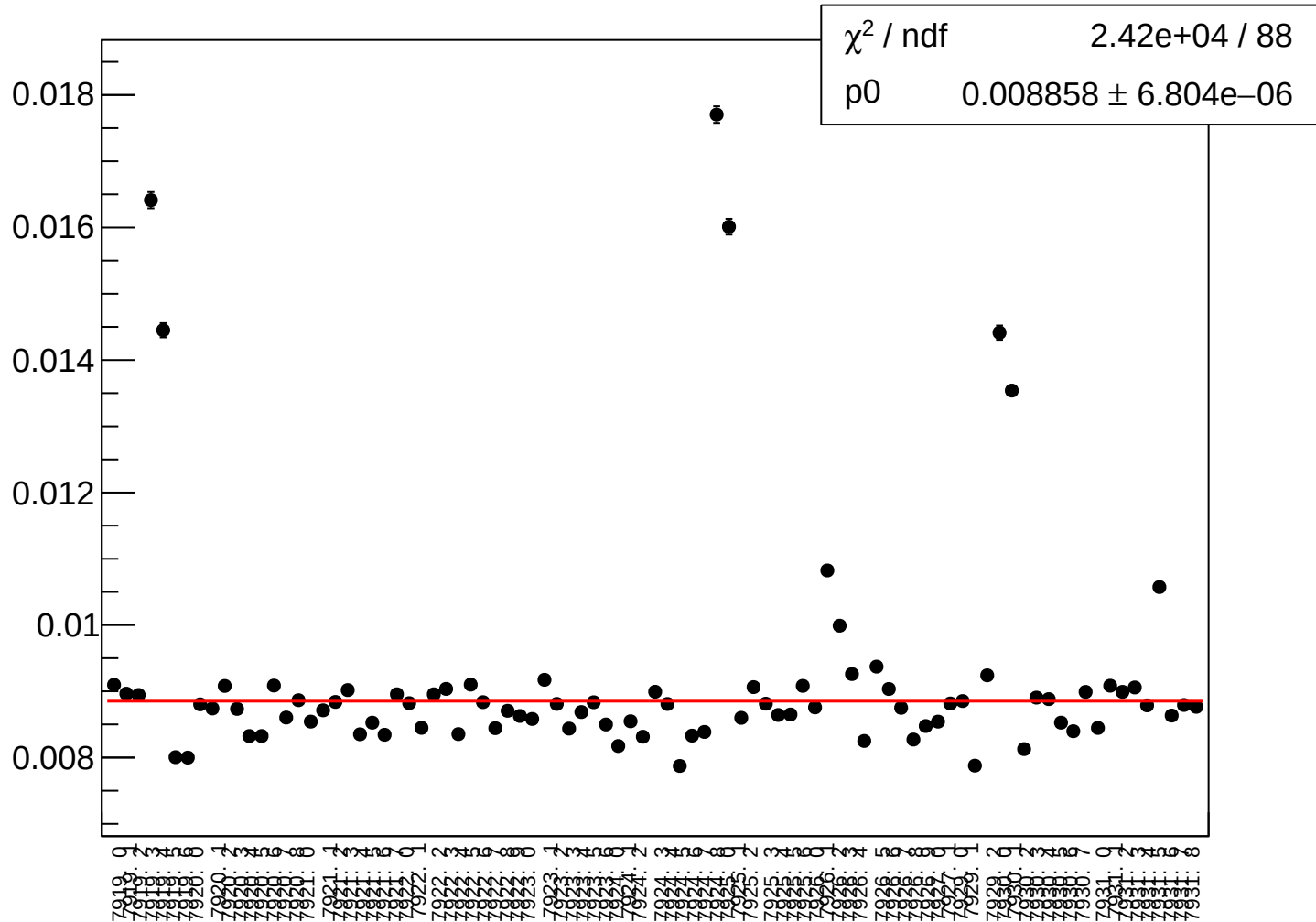
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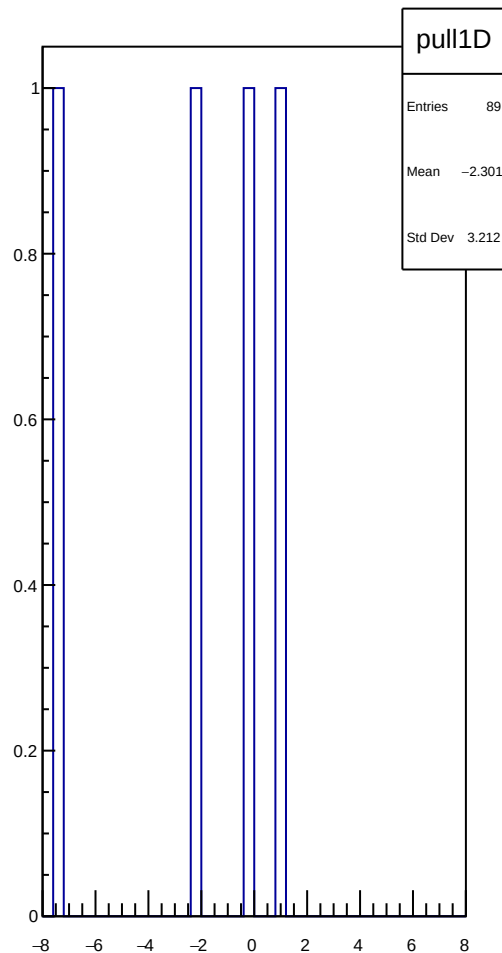
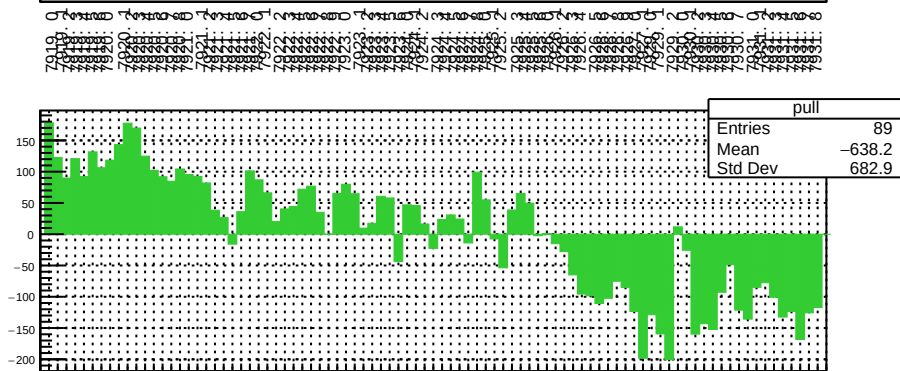
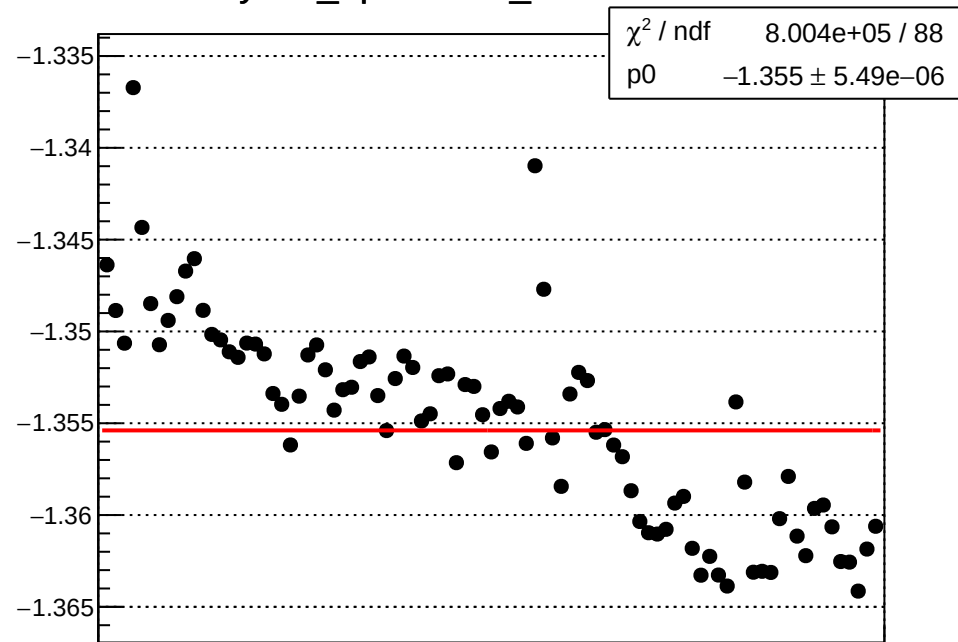
yield_bpm0i01X_mean vs run



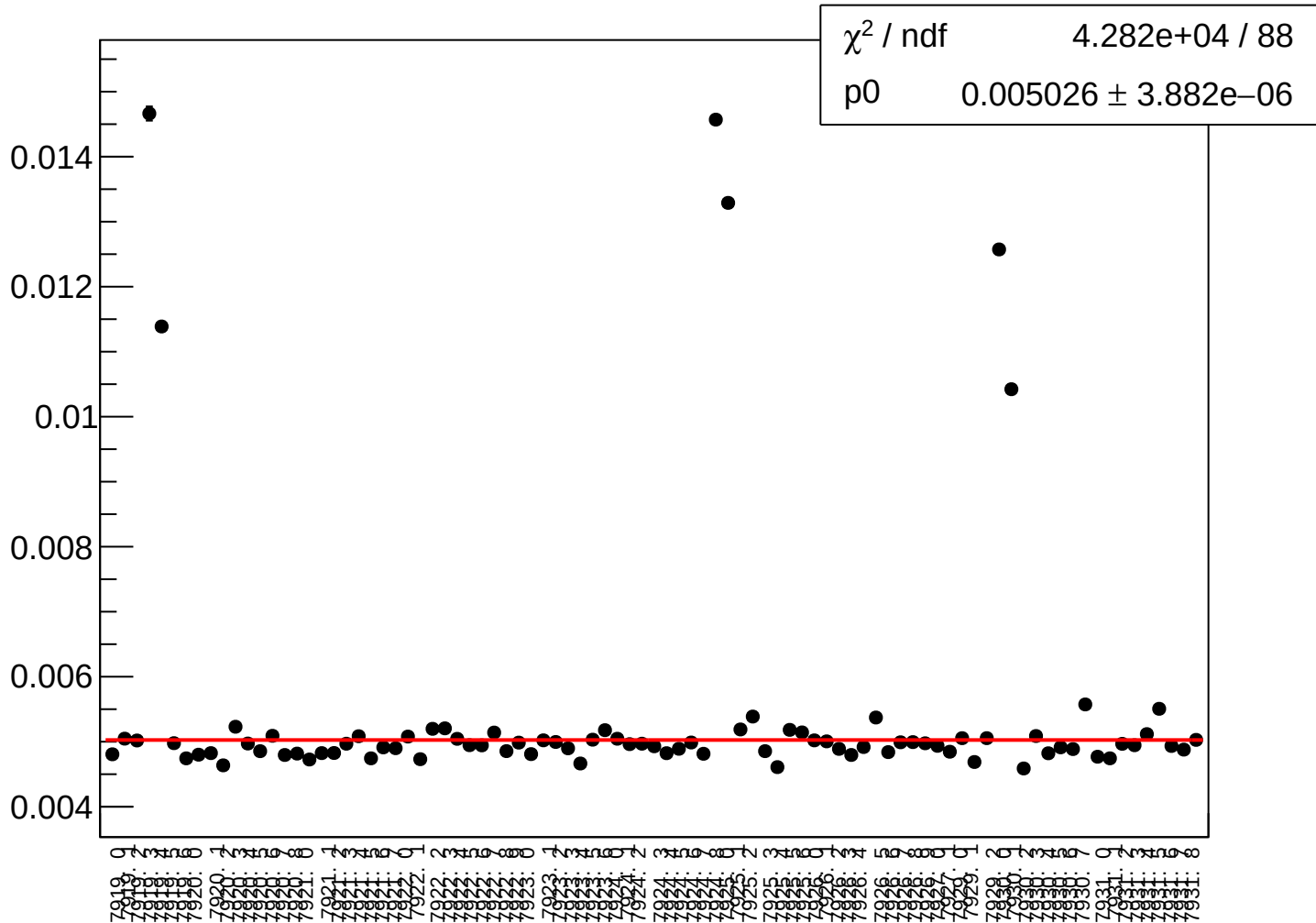
yield_bpm0i01X_rms vs run



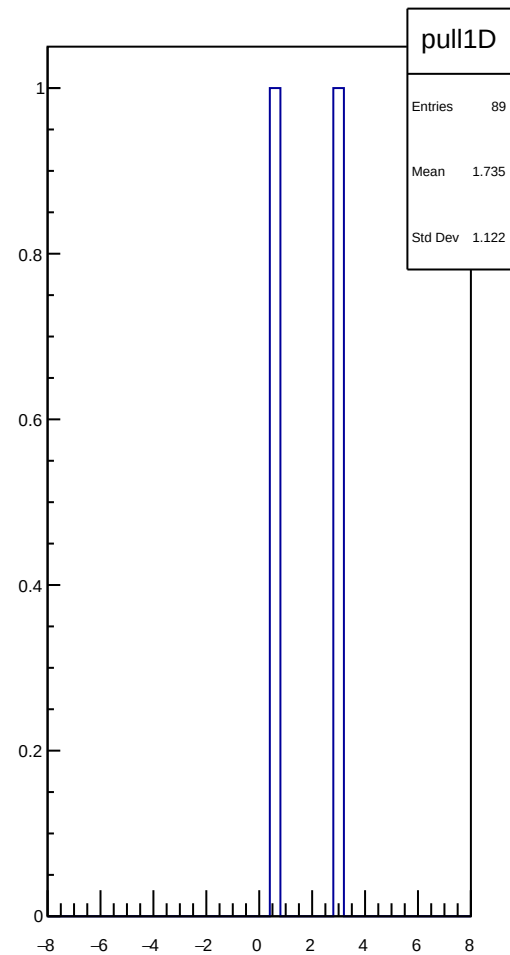
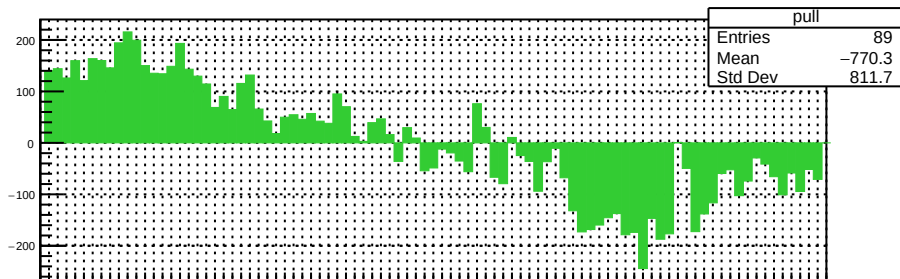
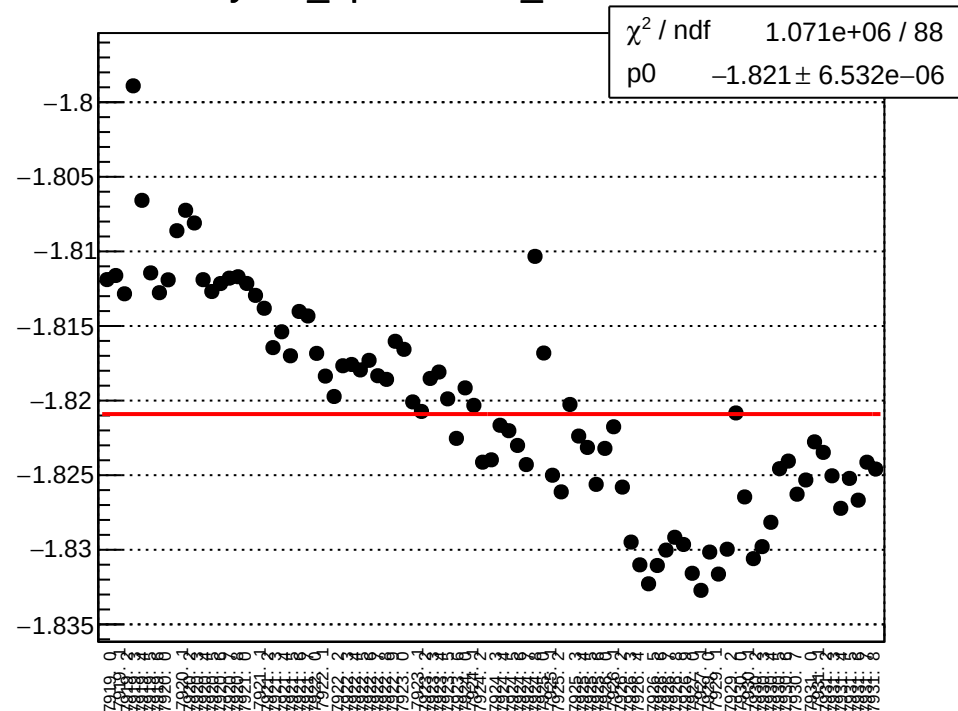
yield_bpm0i01Y_mean vs run



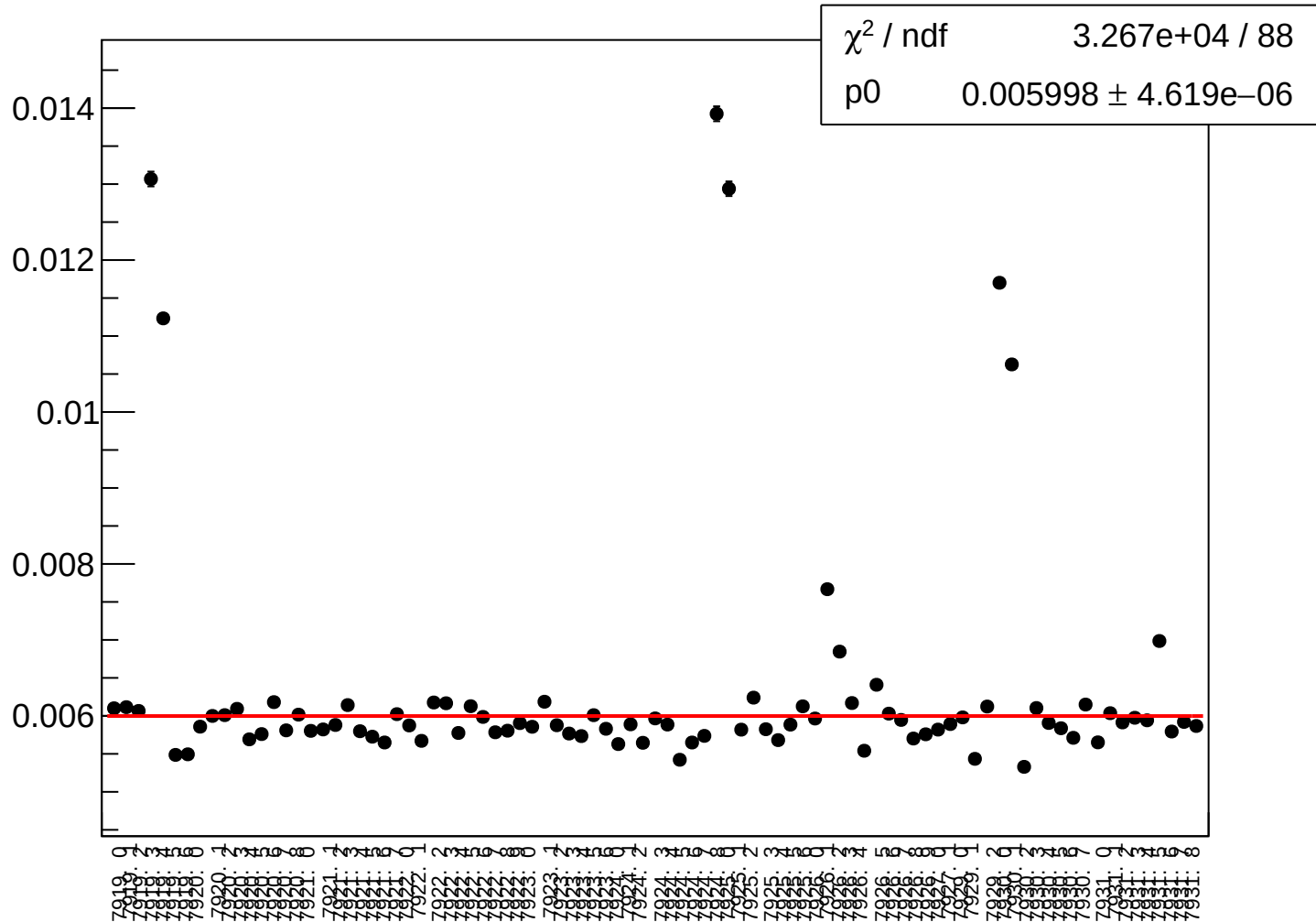
yield_bpm0i01Y_rms vs run



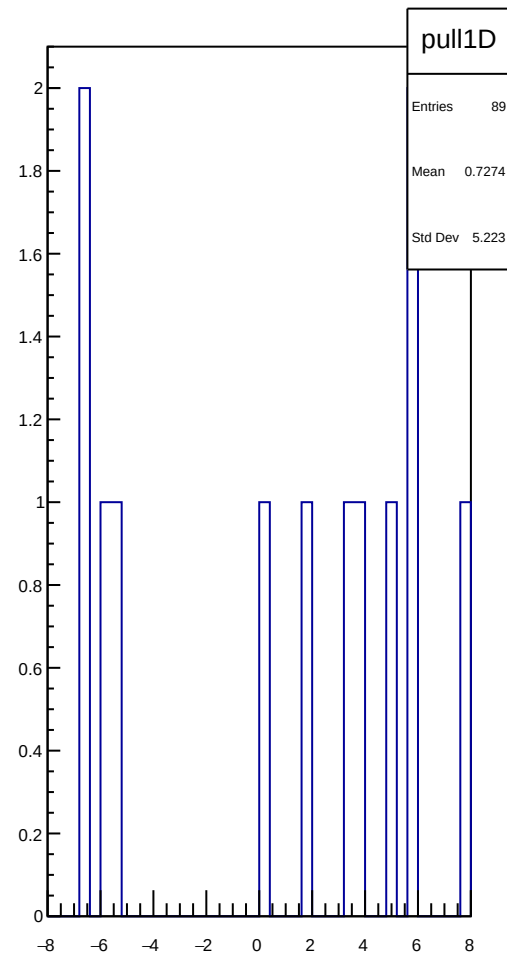
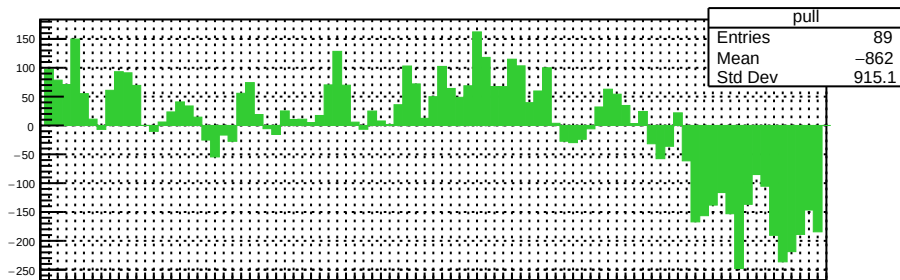
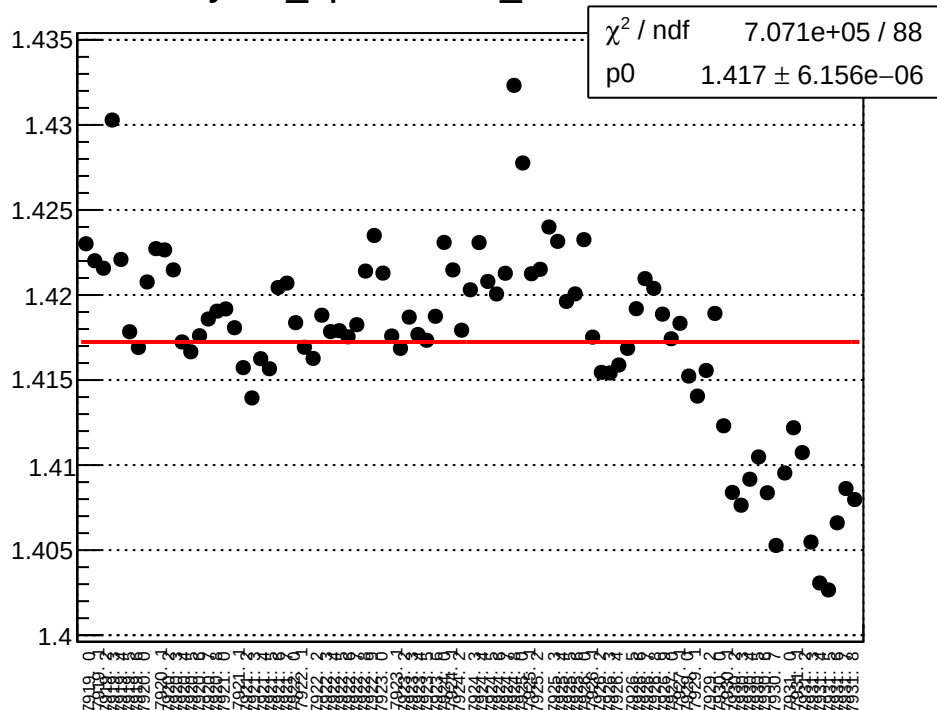
yield_bpm0i01aX_mean vs run



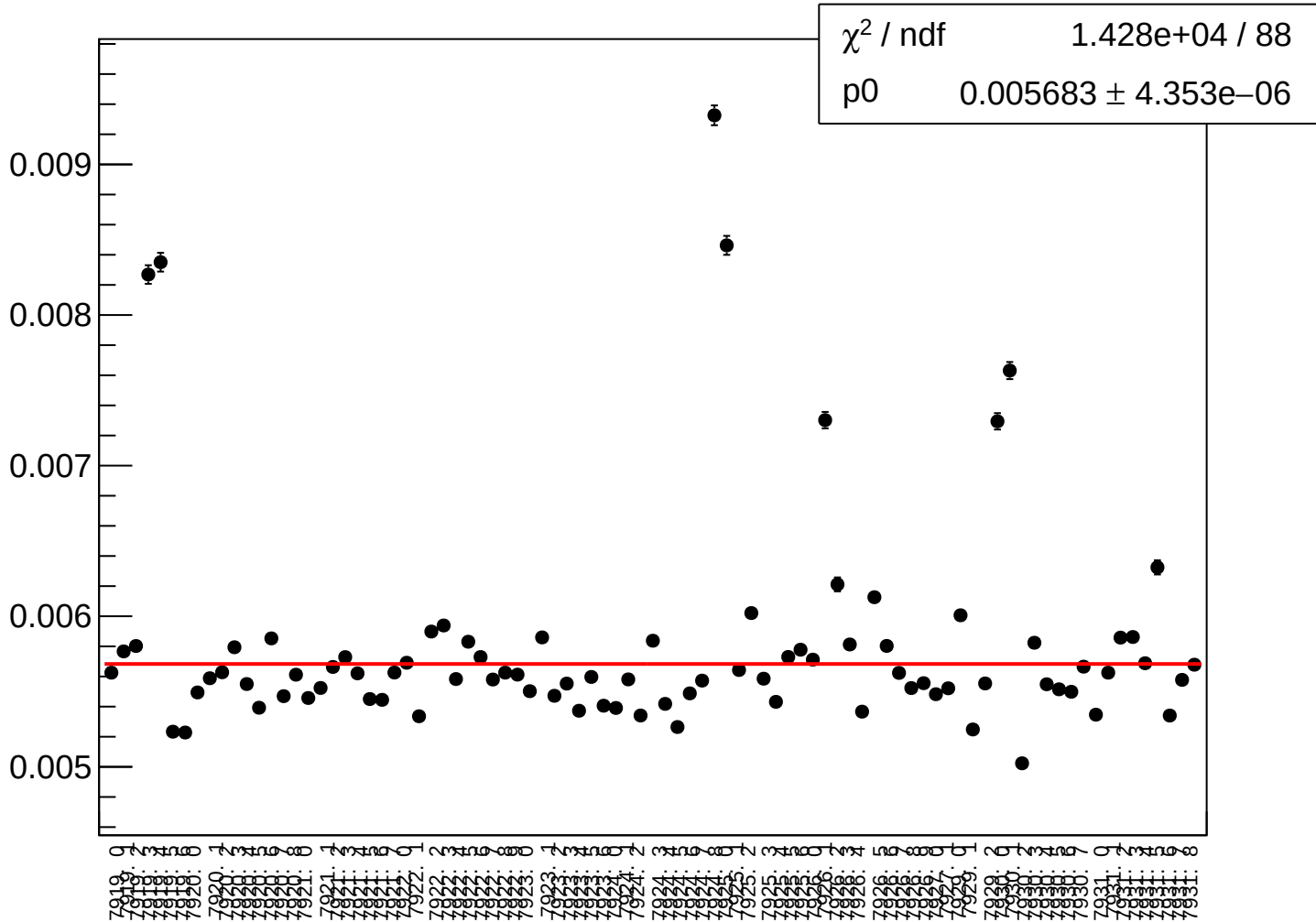
yield_bpm0i01aX_rms vs run



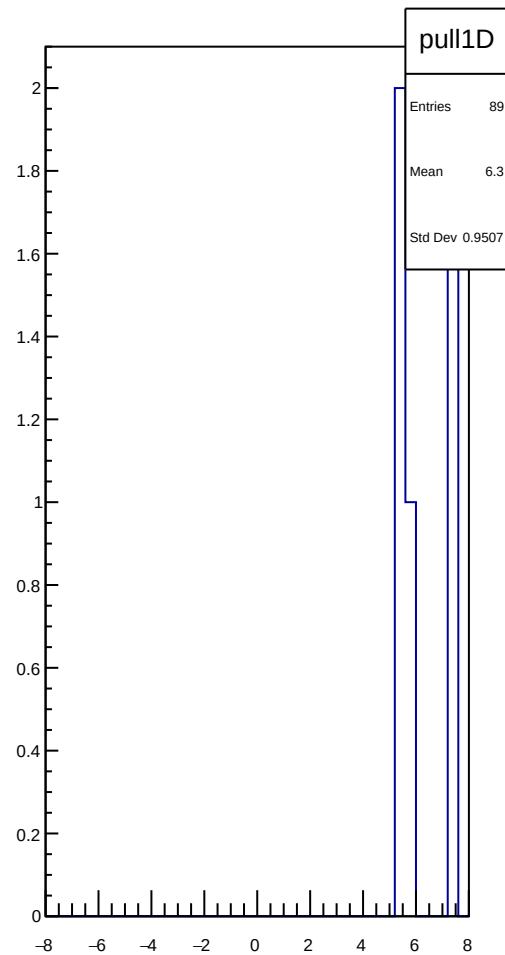
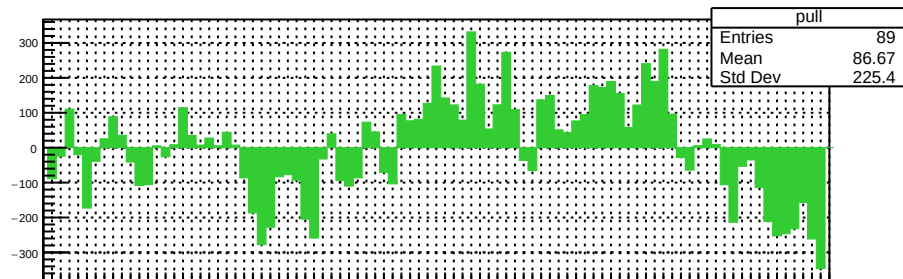
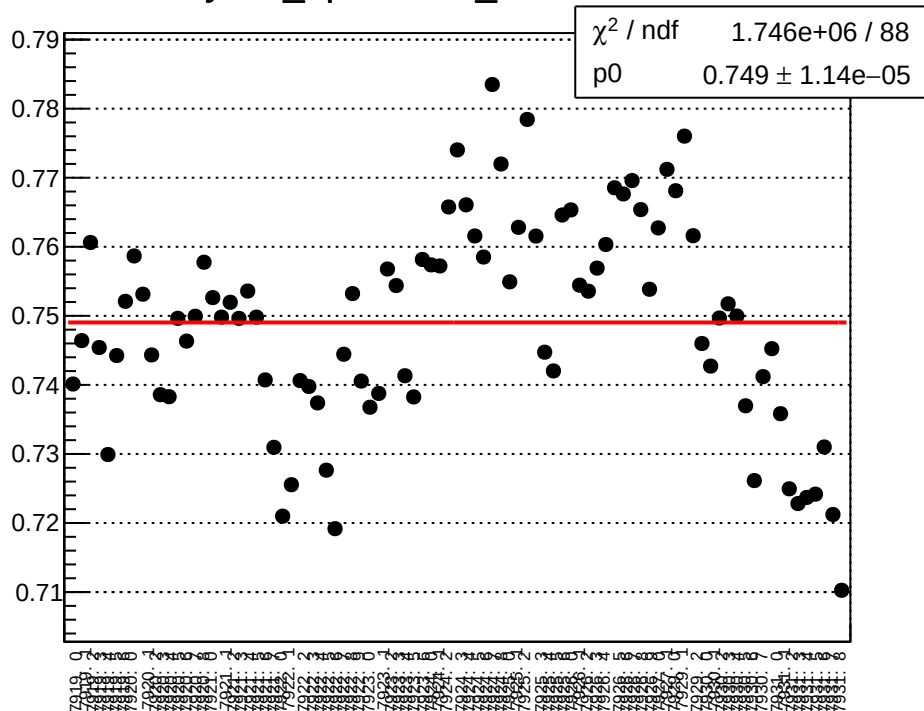
yield_bpm0i01aY_mean vs run



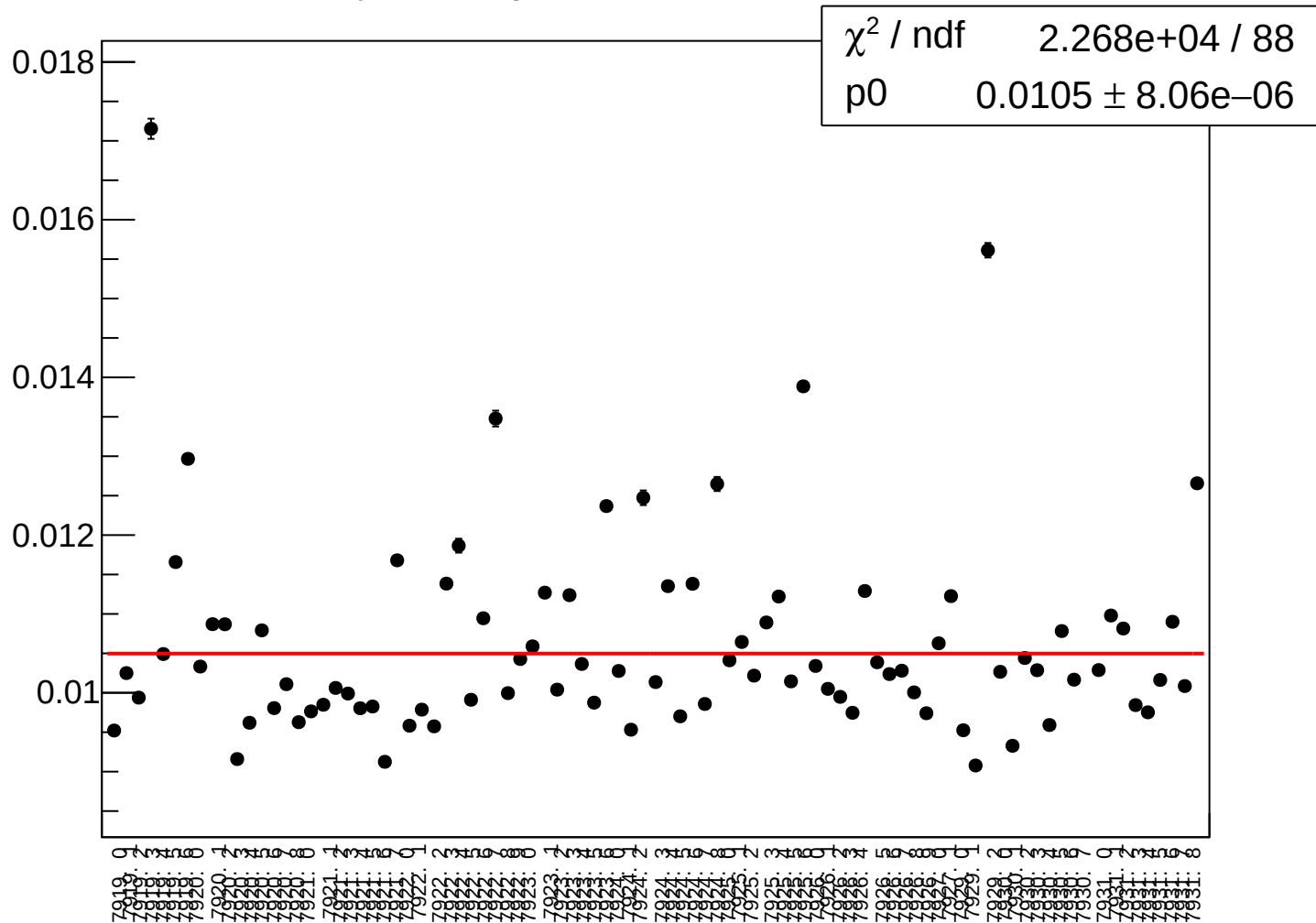
yield_bpm0i01aY_rms vs run



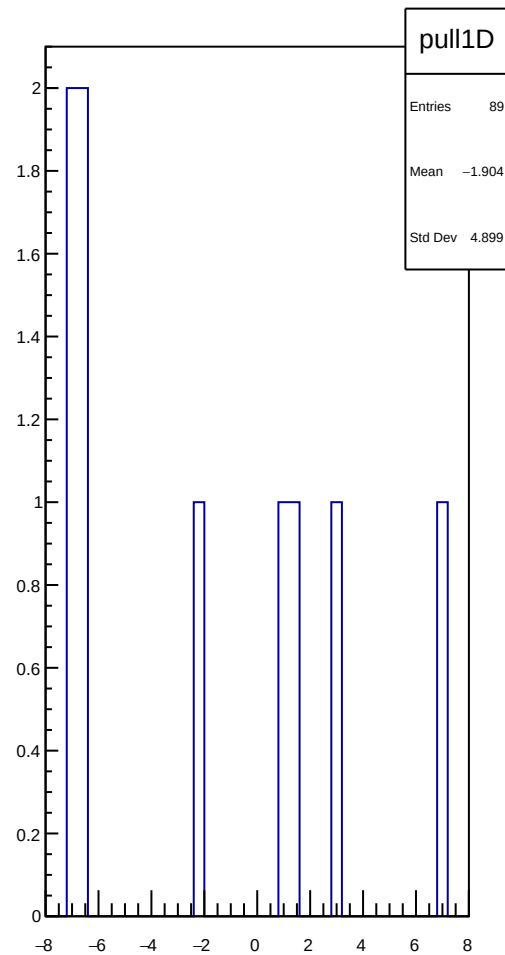
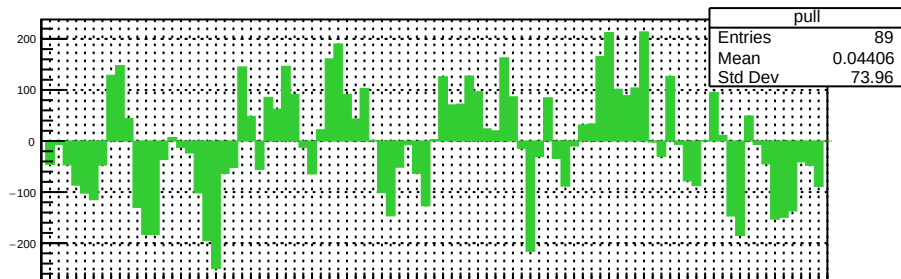
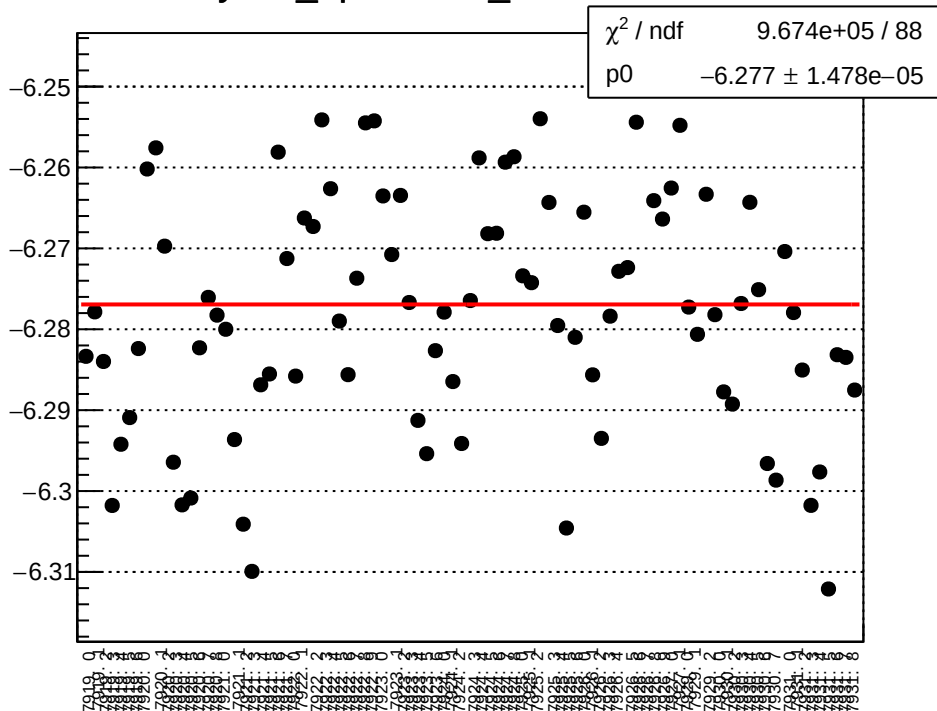
yield_bpm0l01X_mean vs run



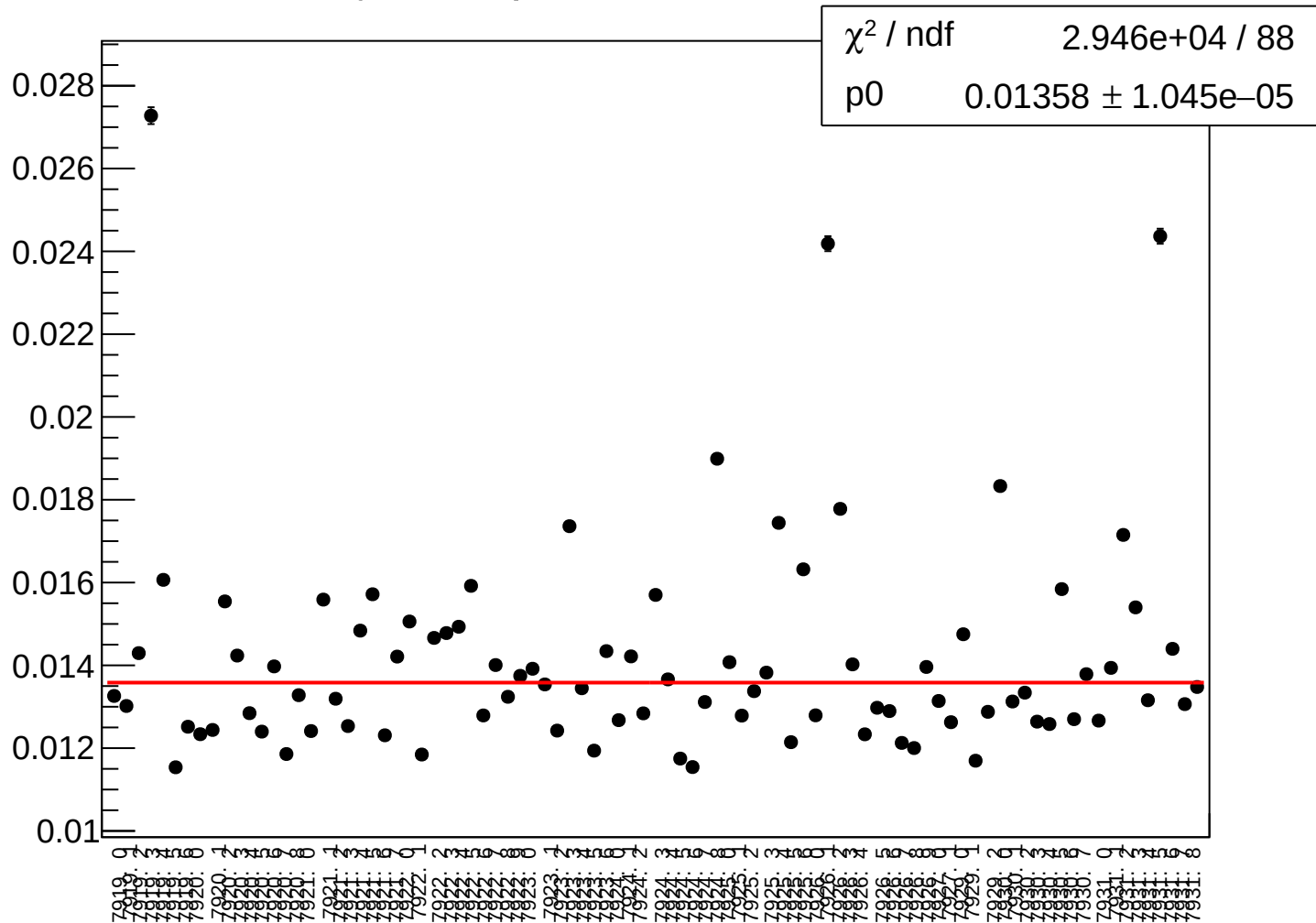
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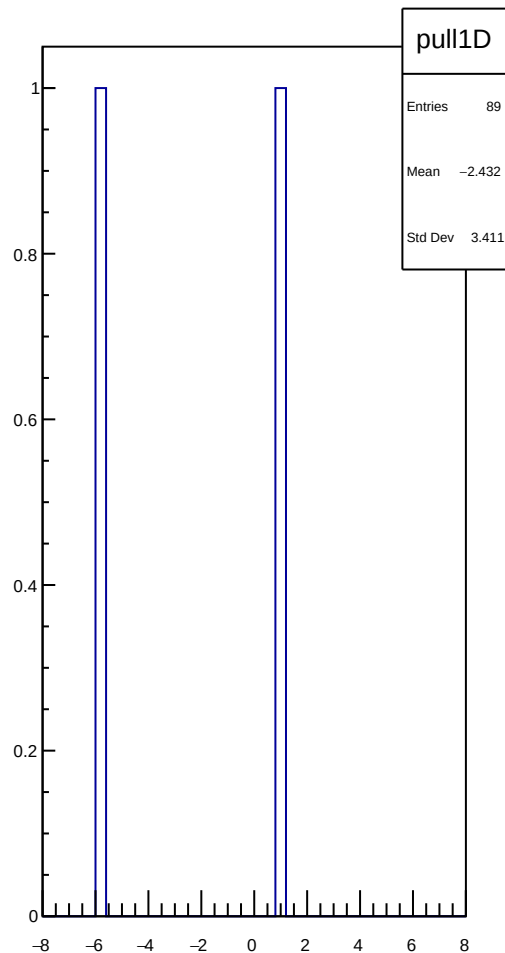
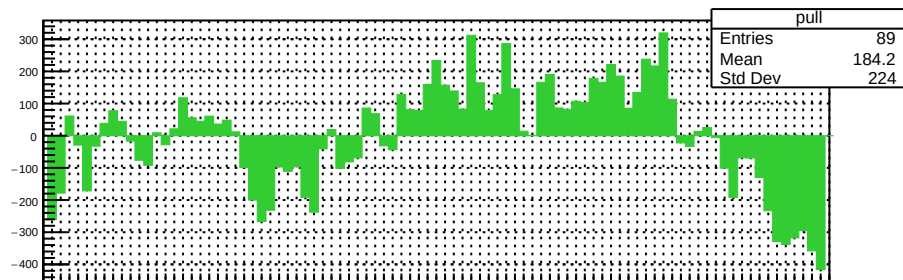
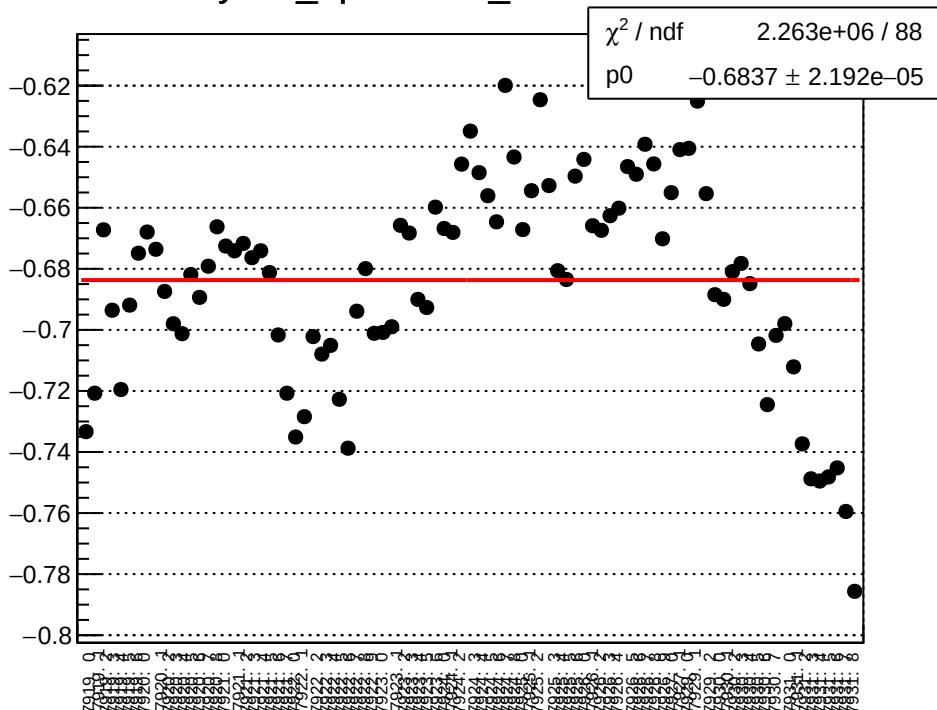
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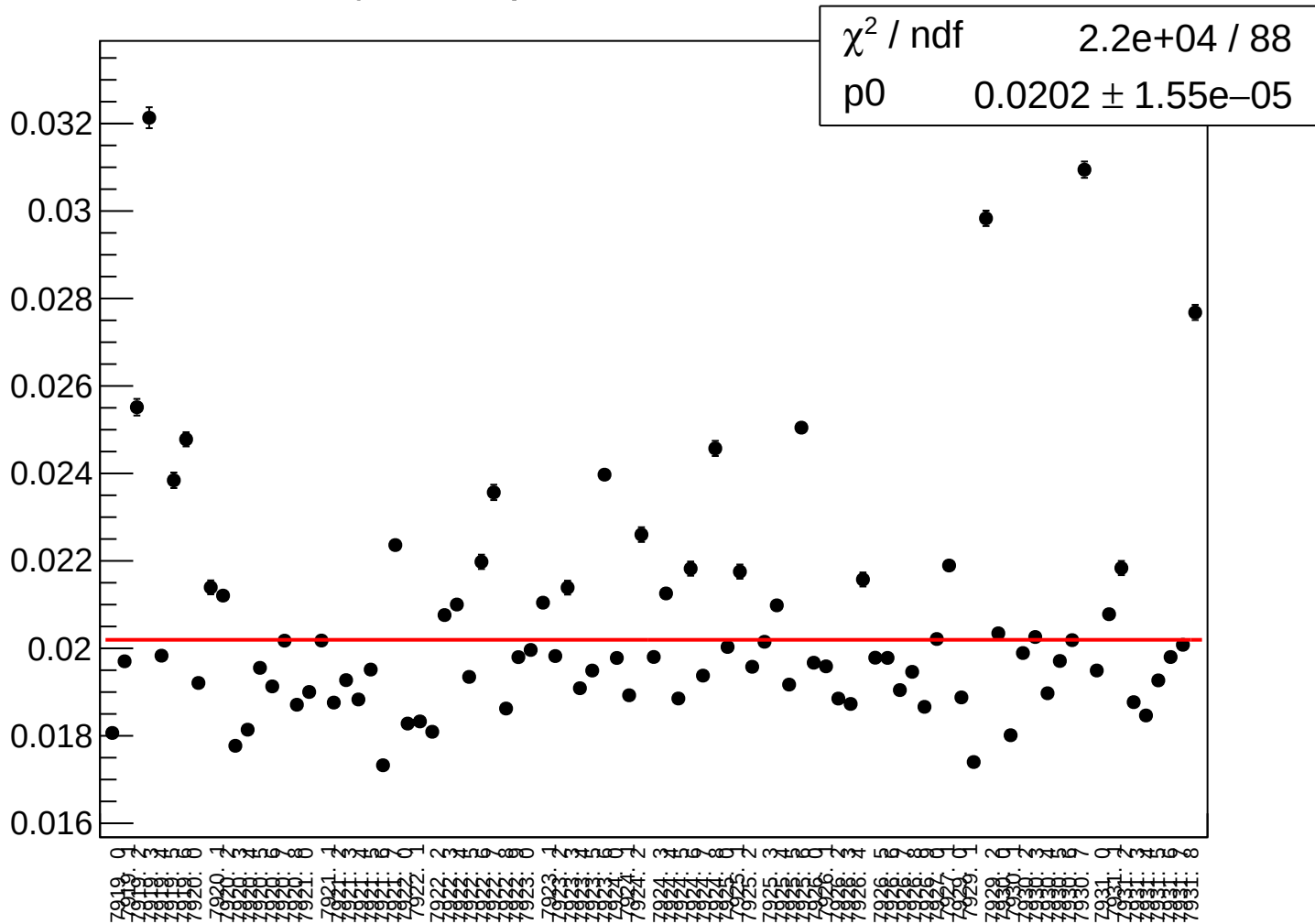
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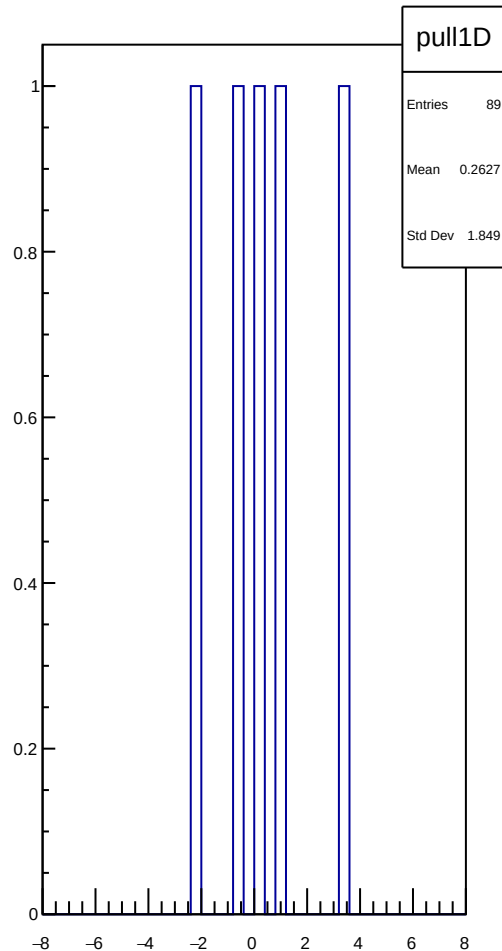
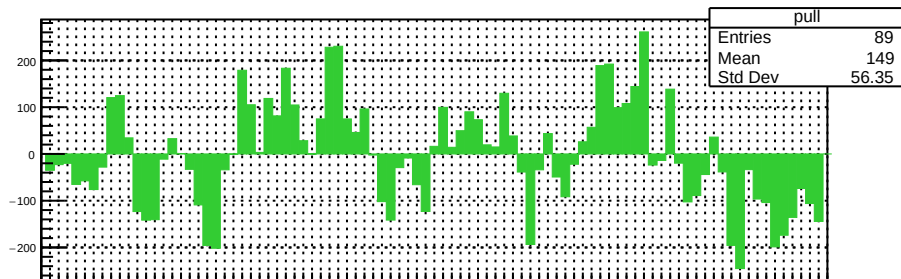
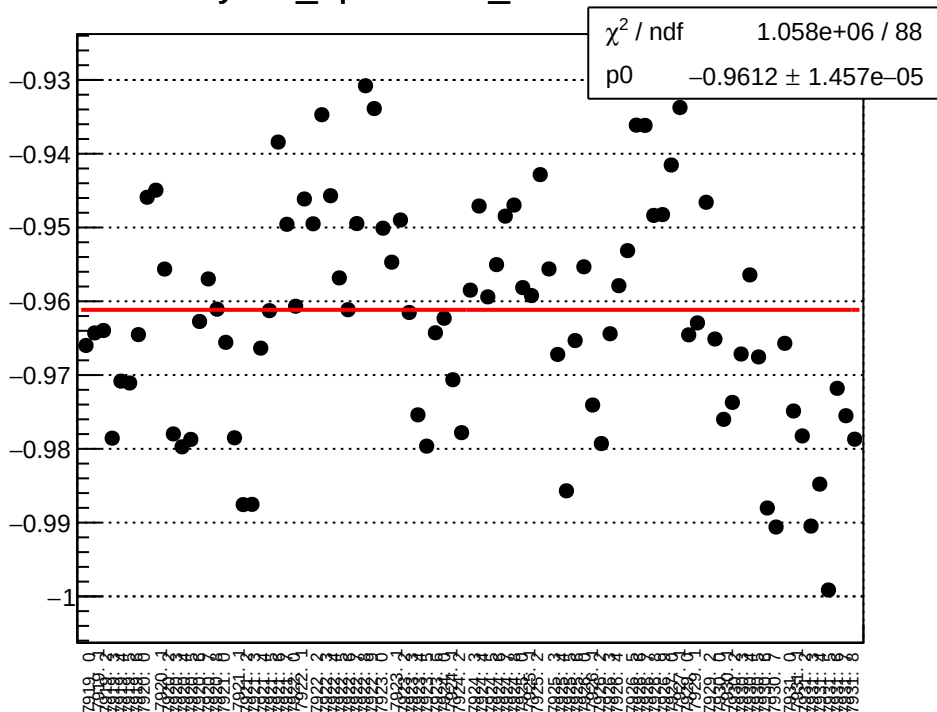
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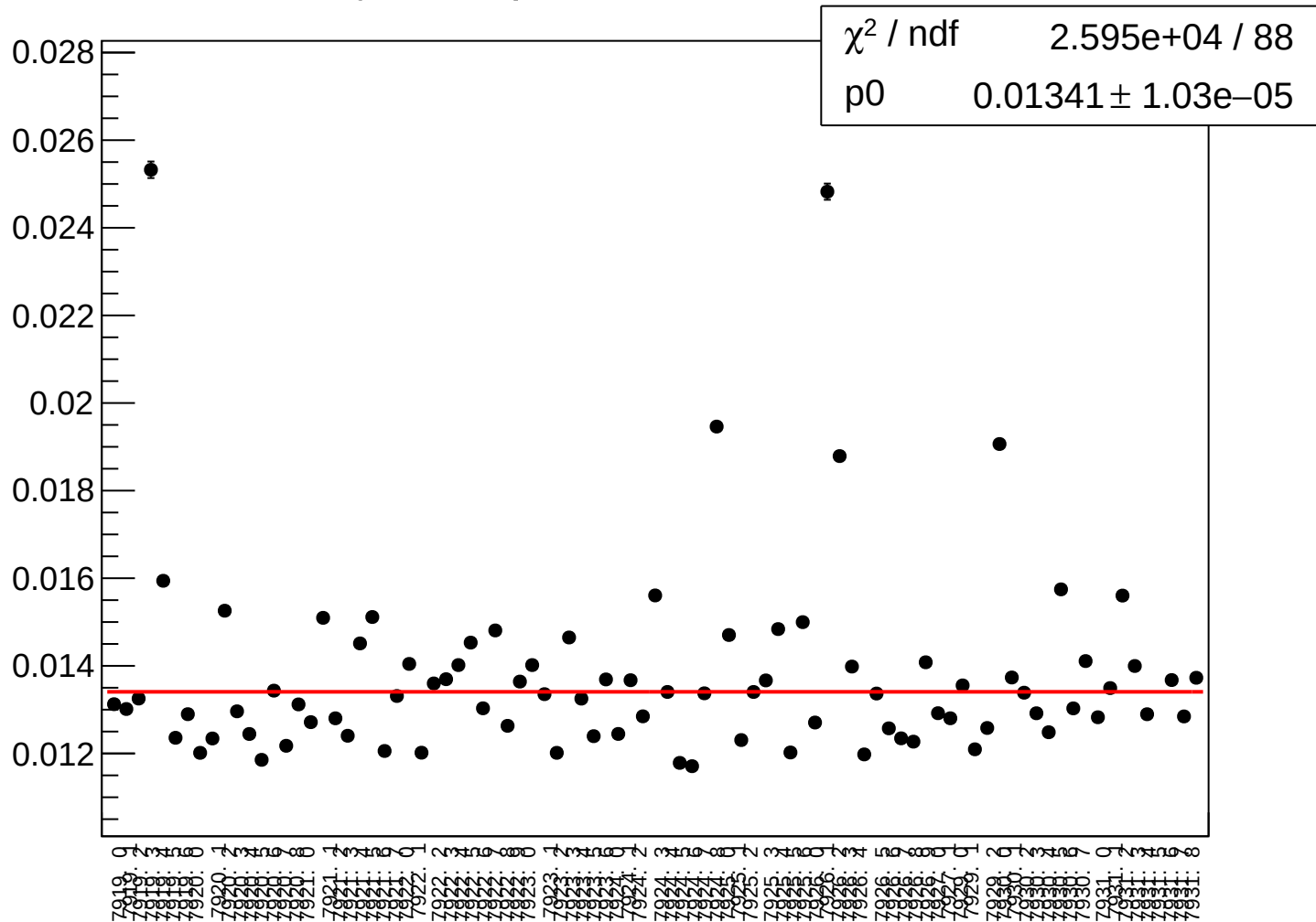
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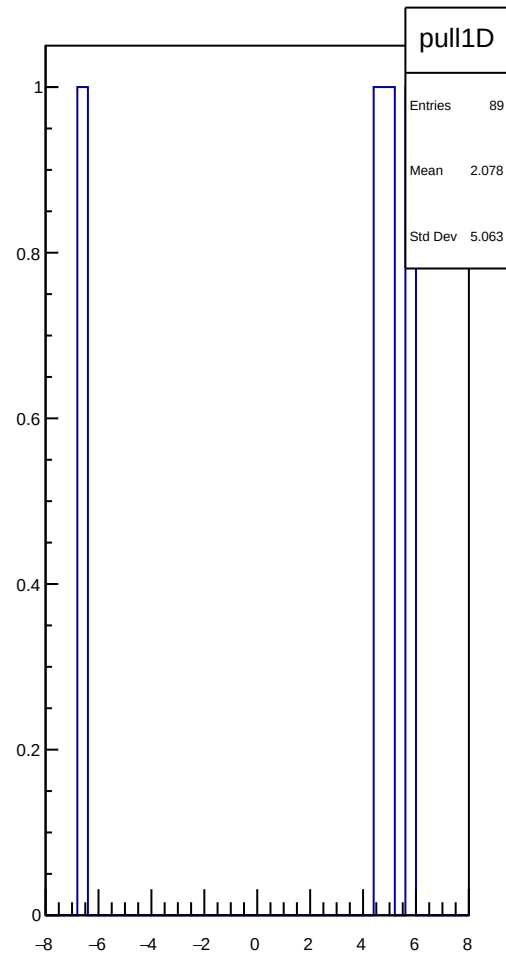
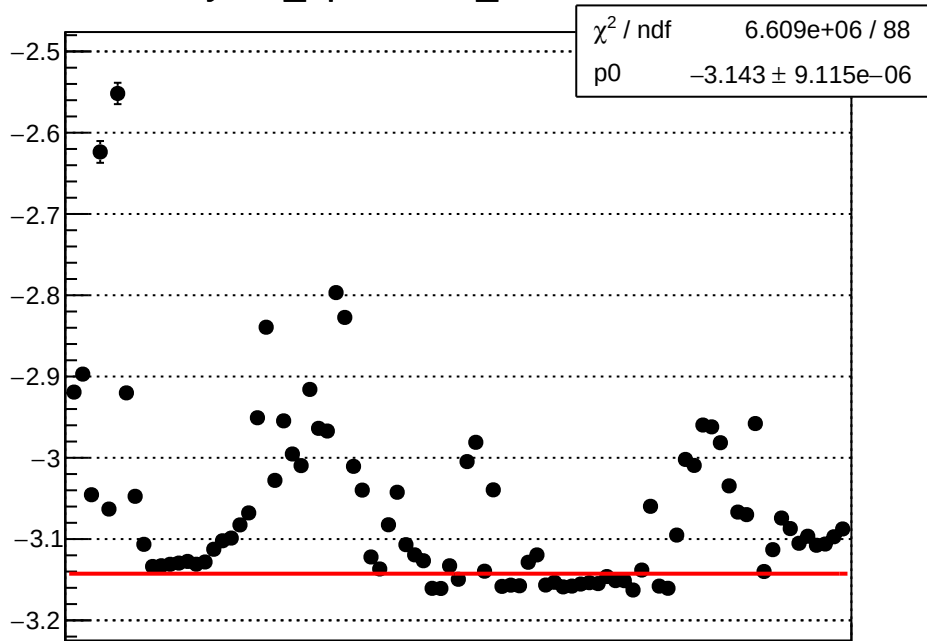
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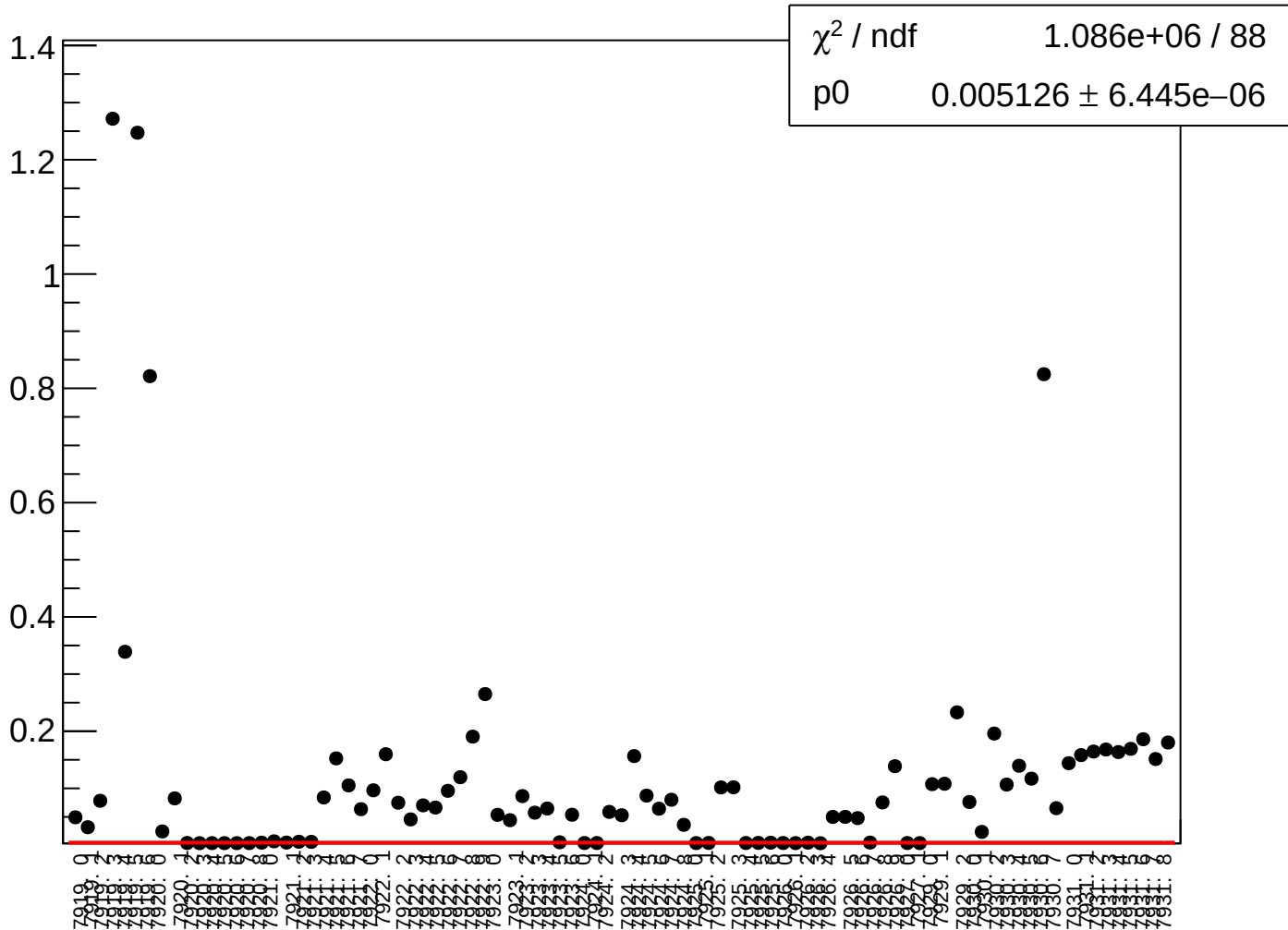
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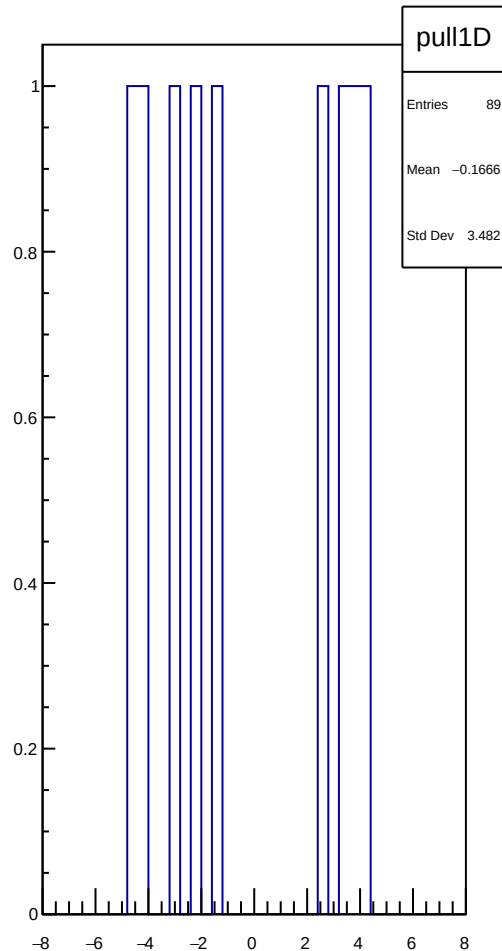
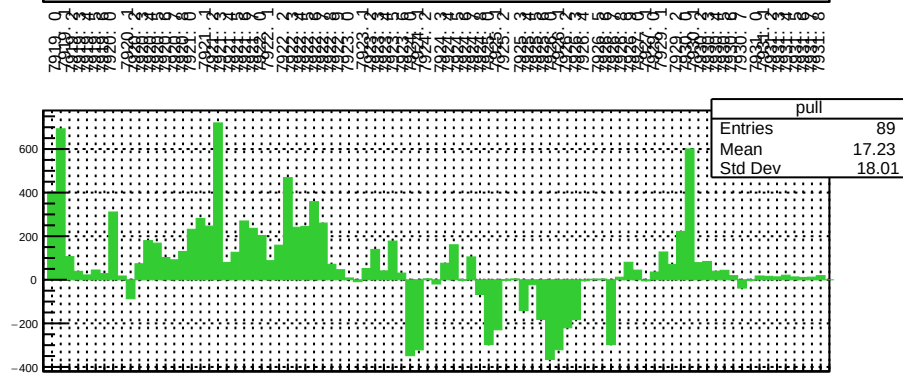
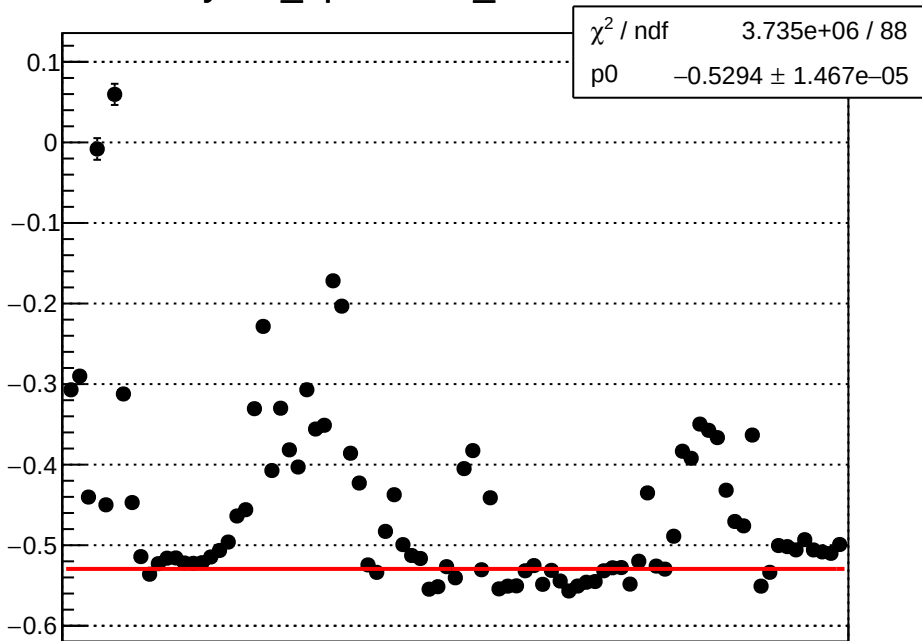
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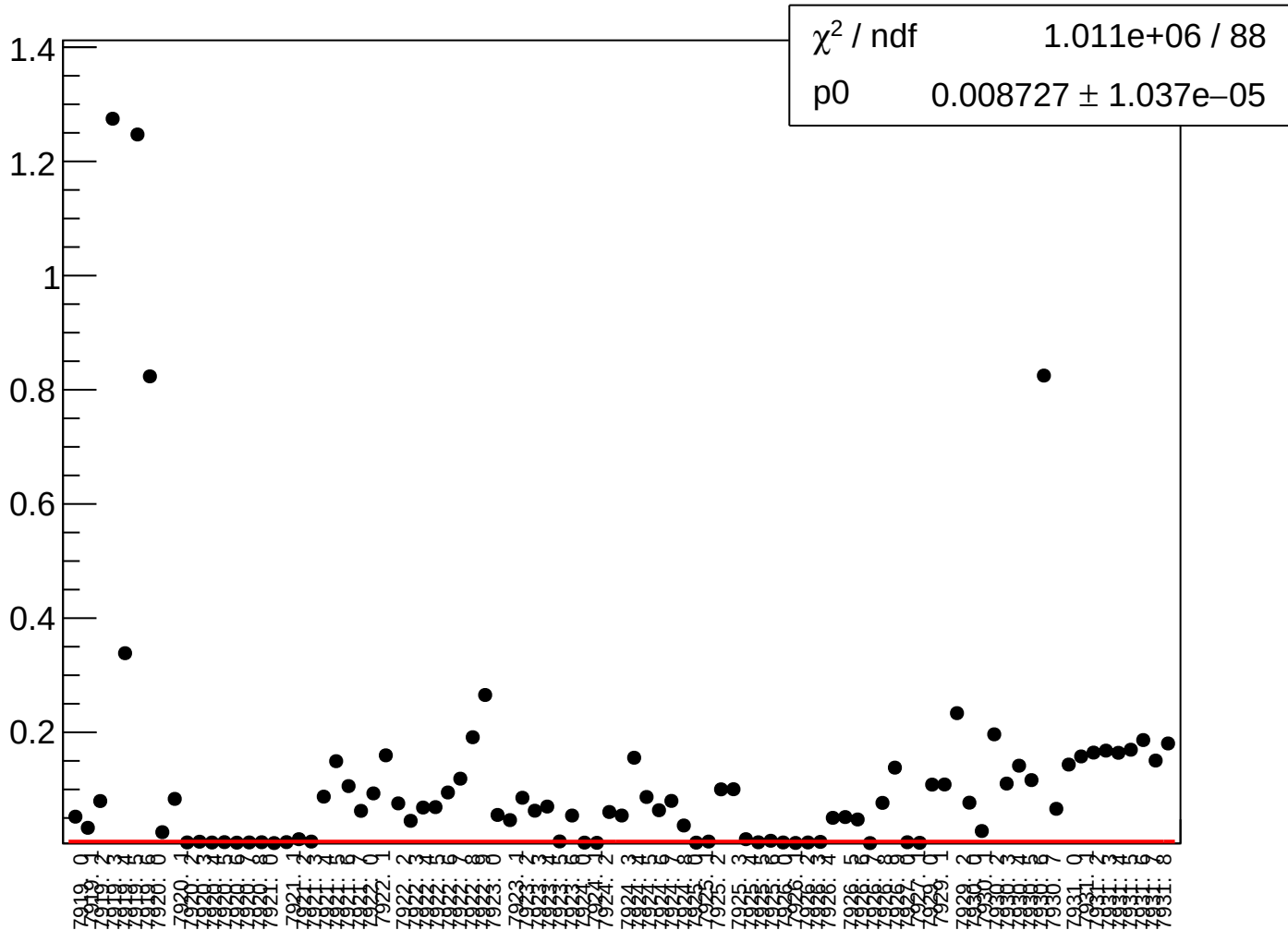
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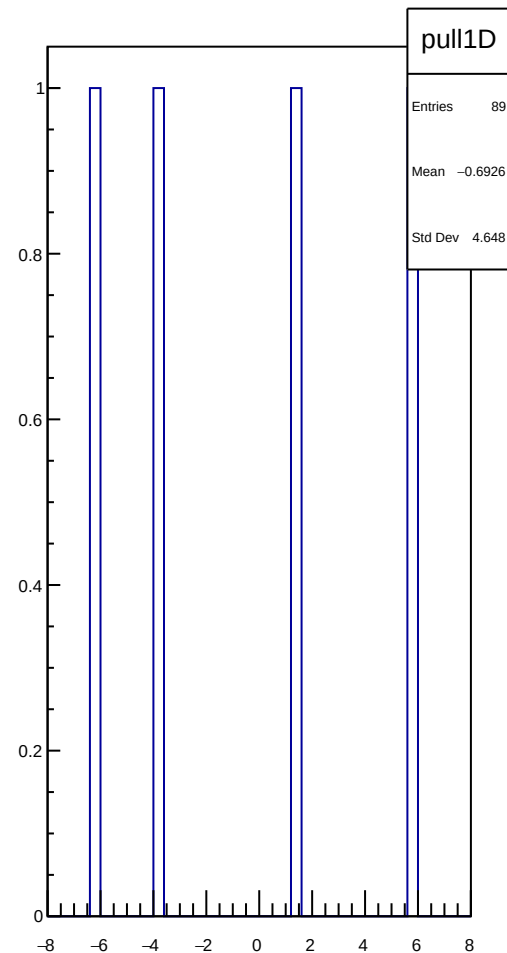
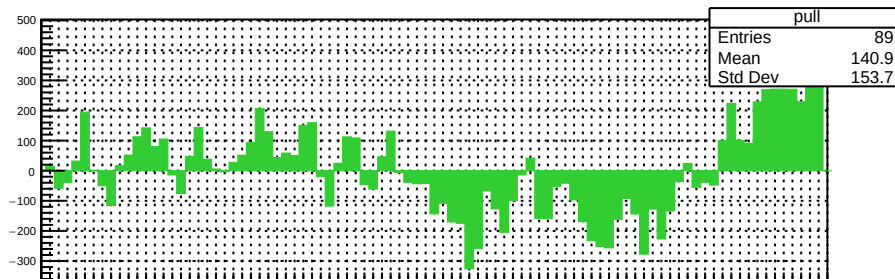
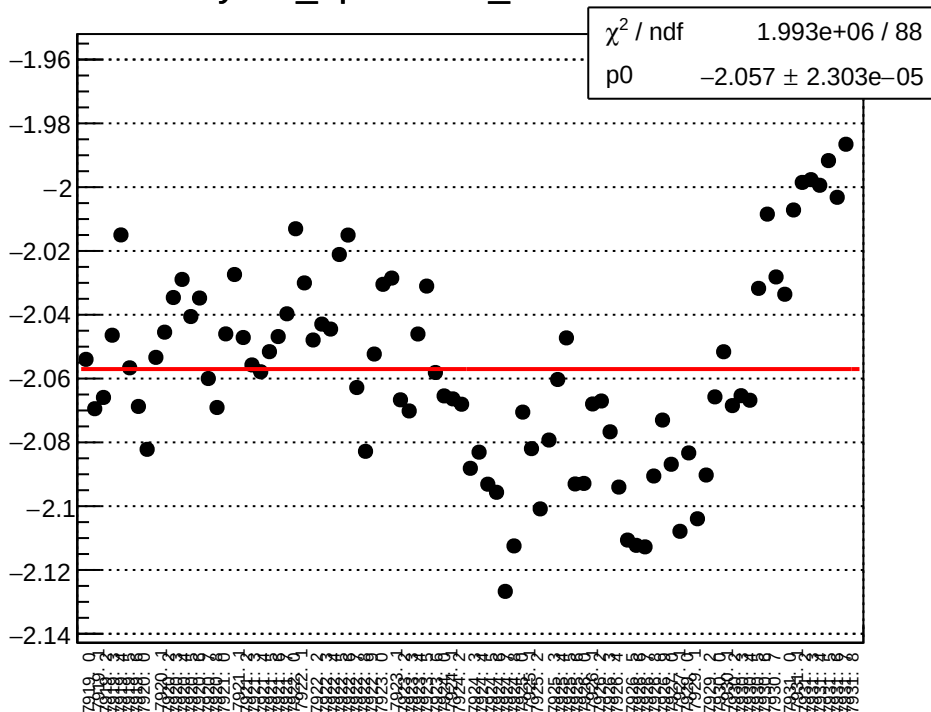
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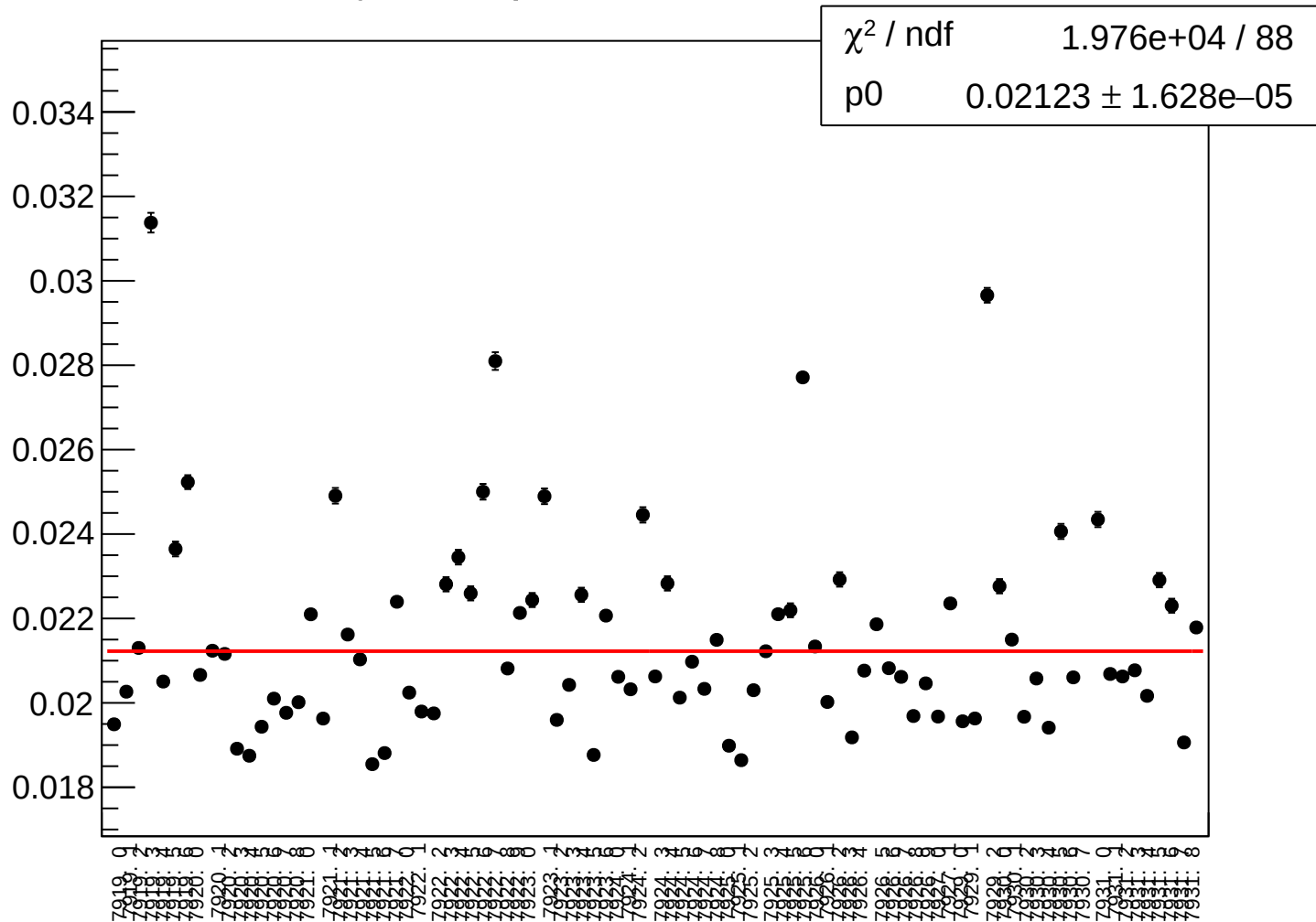
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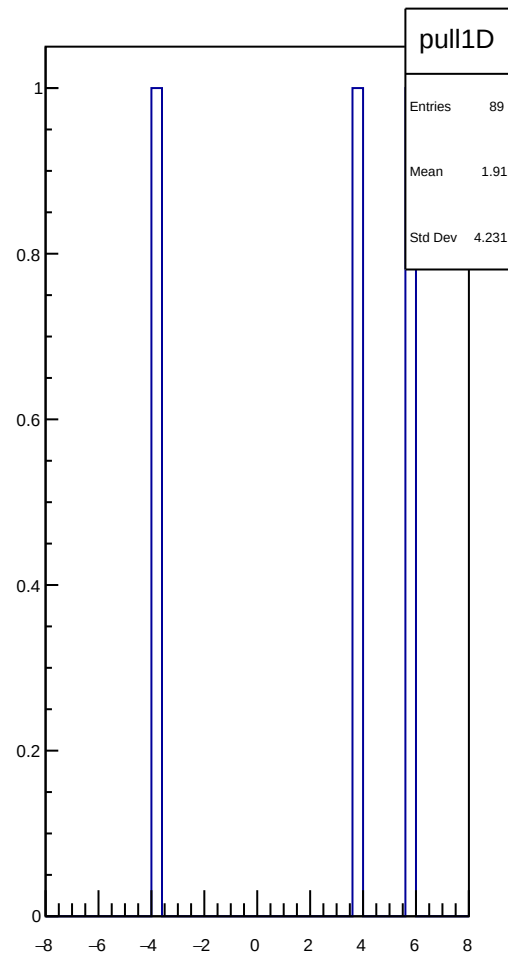
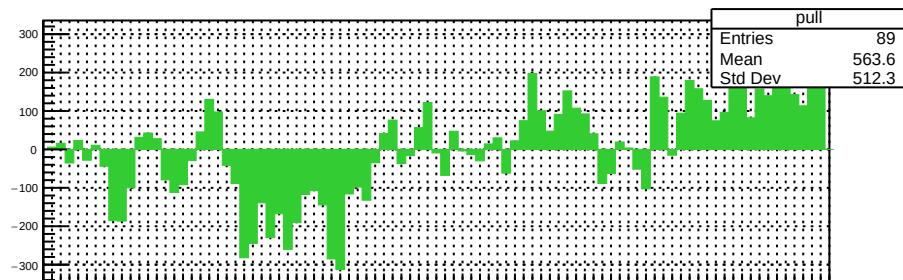
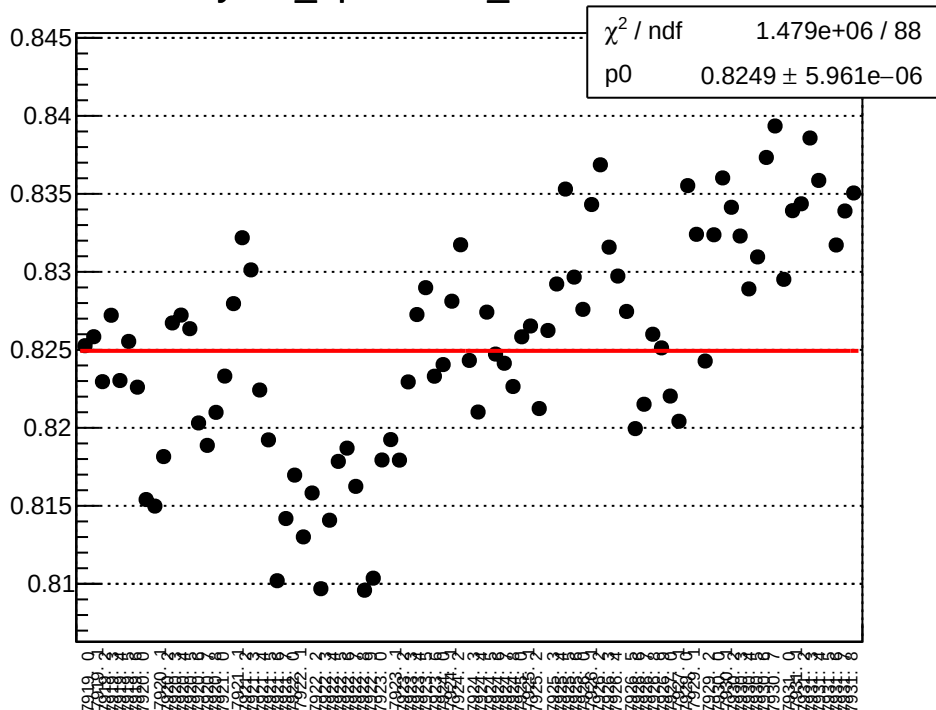
yield_bpm0l04X_mean vs run



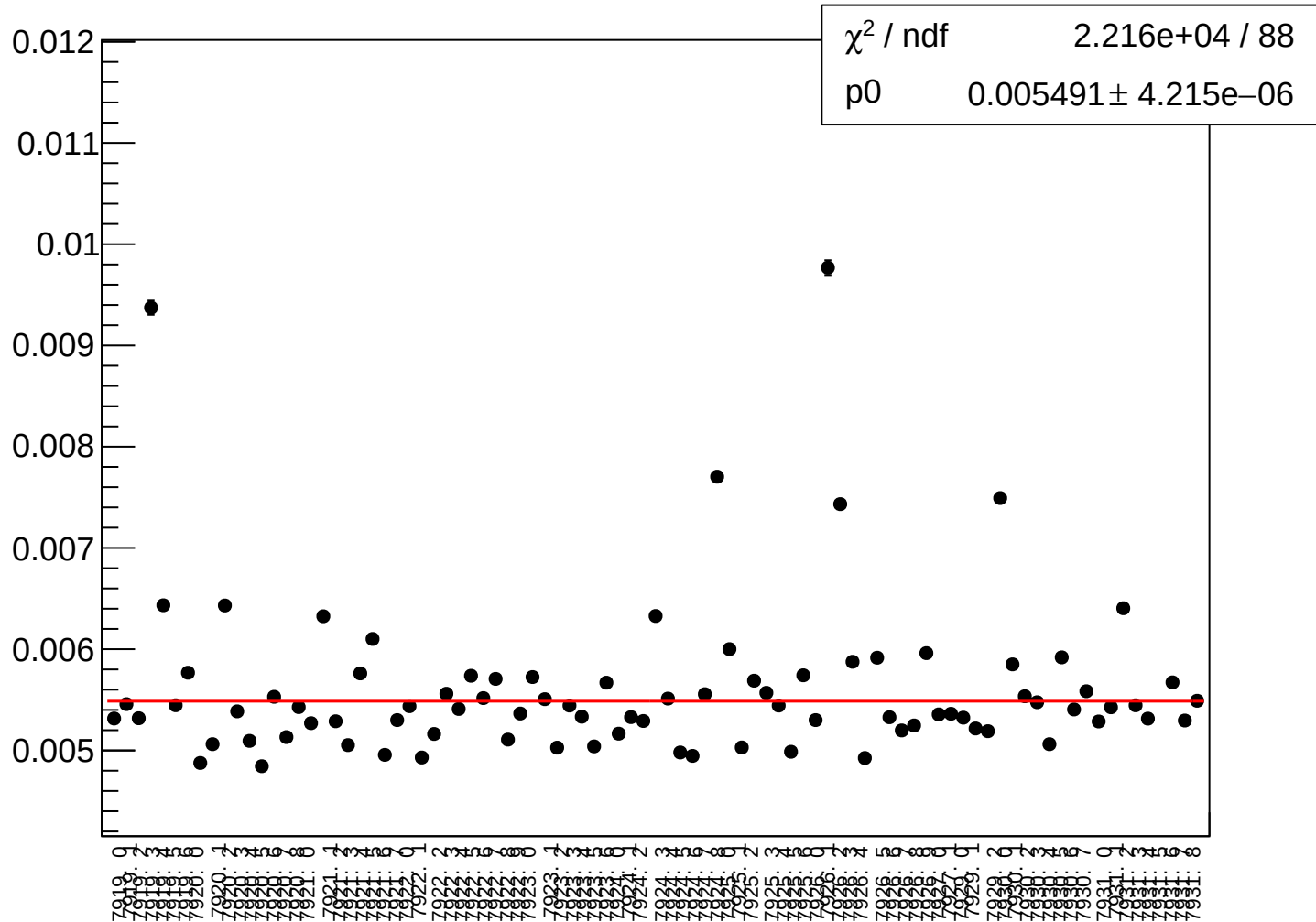
yield_bpm0l04X_rms vs run



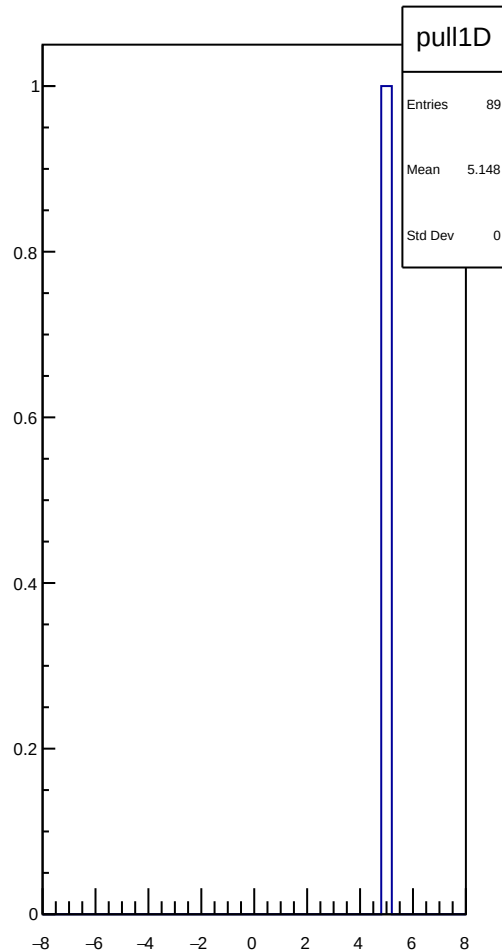
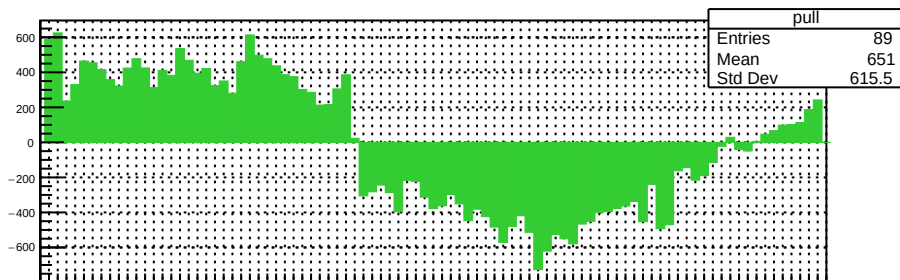
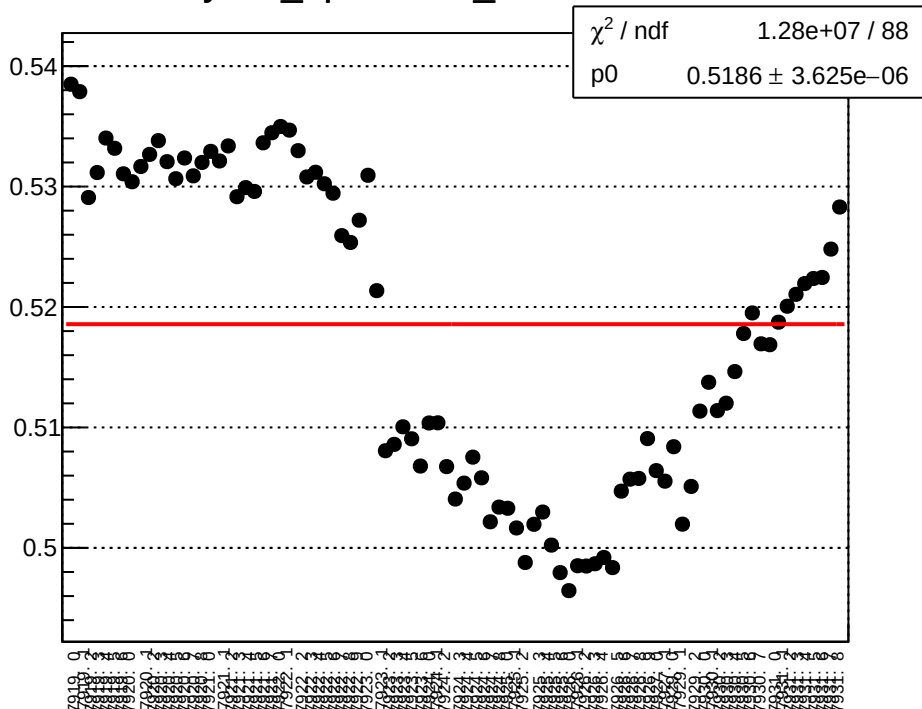
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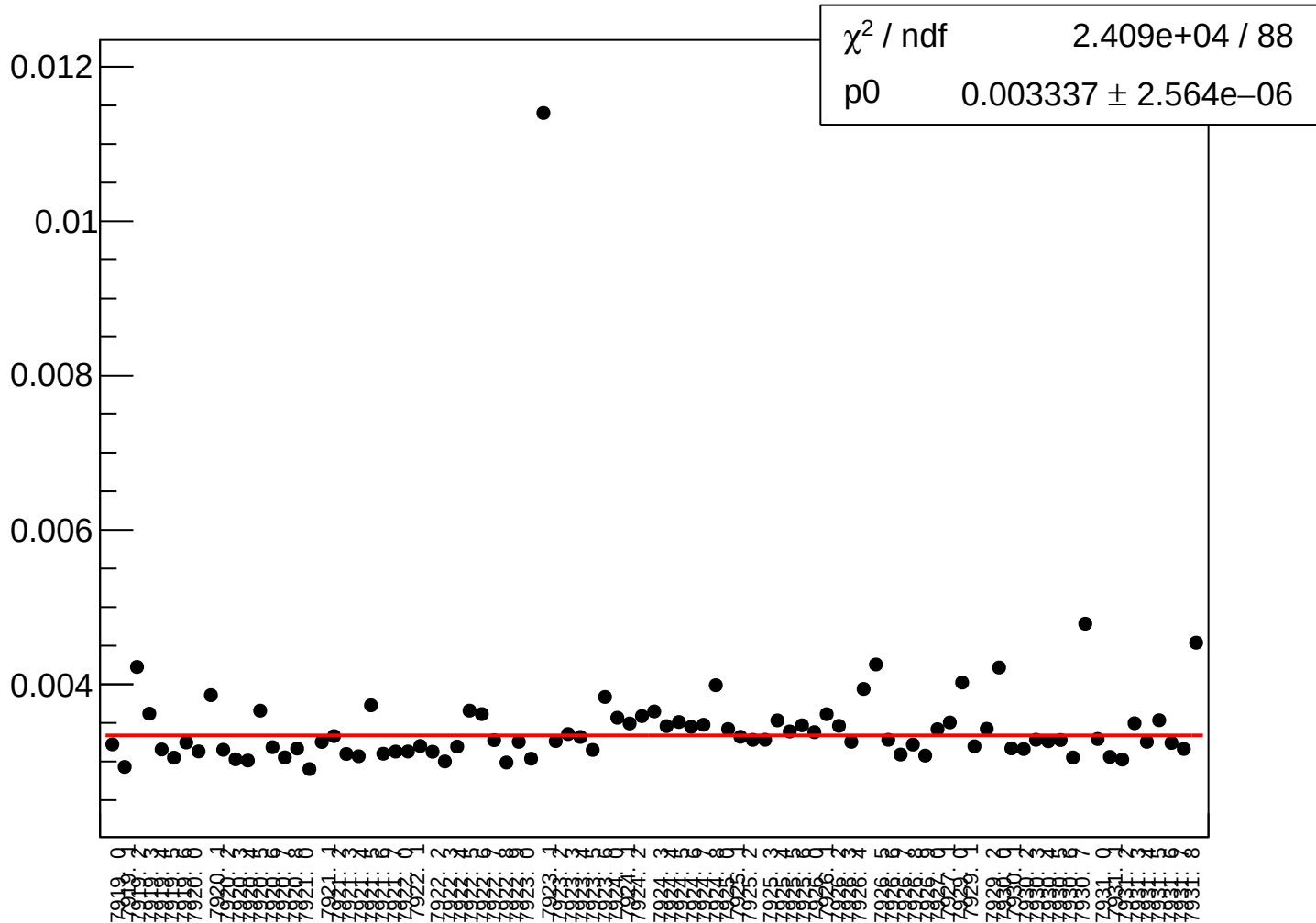
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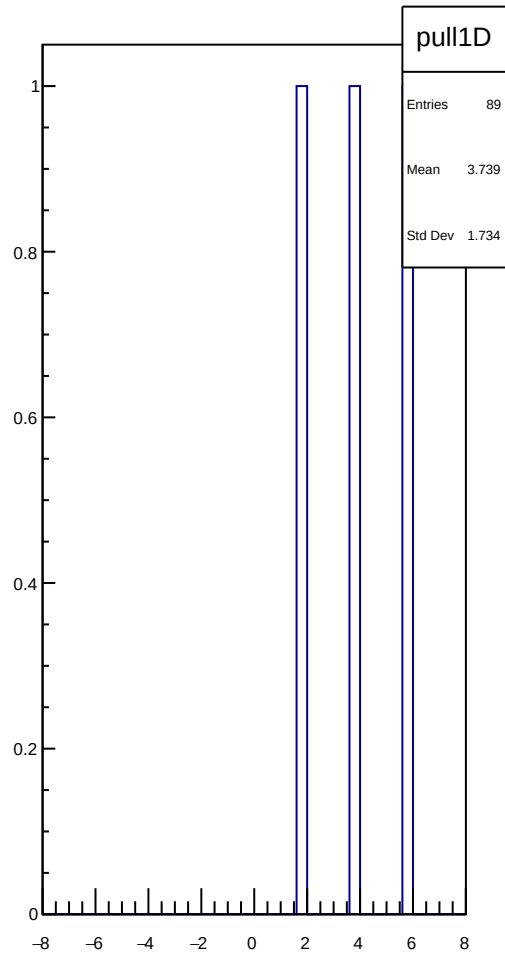
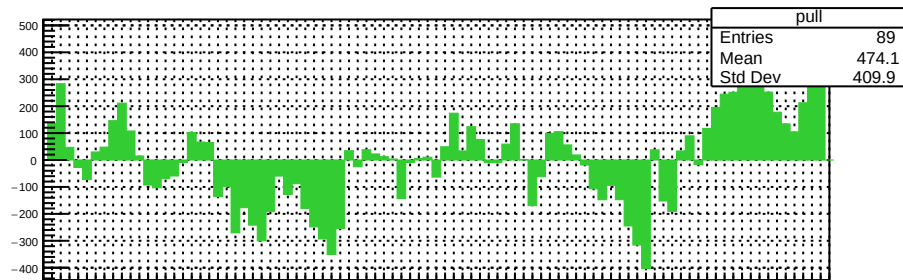
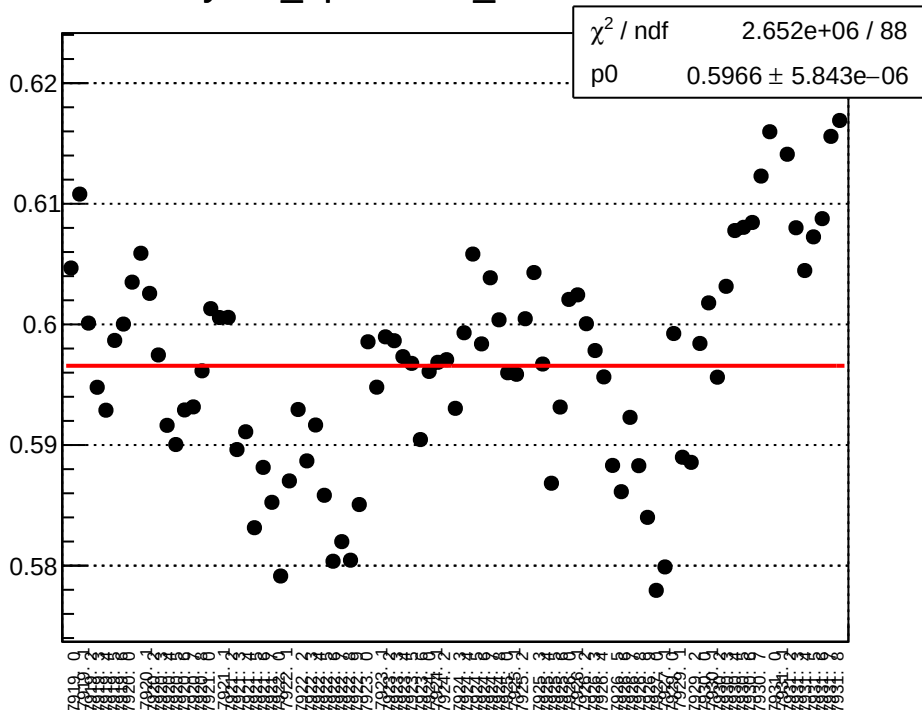
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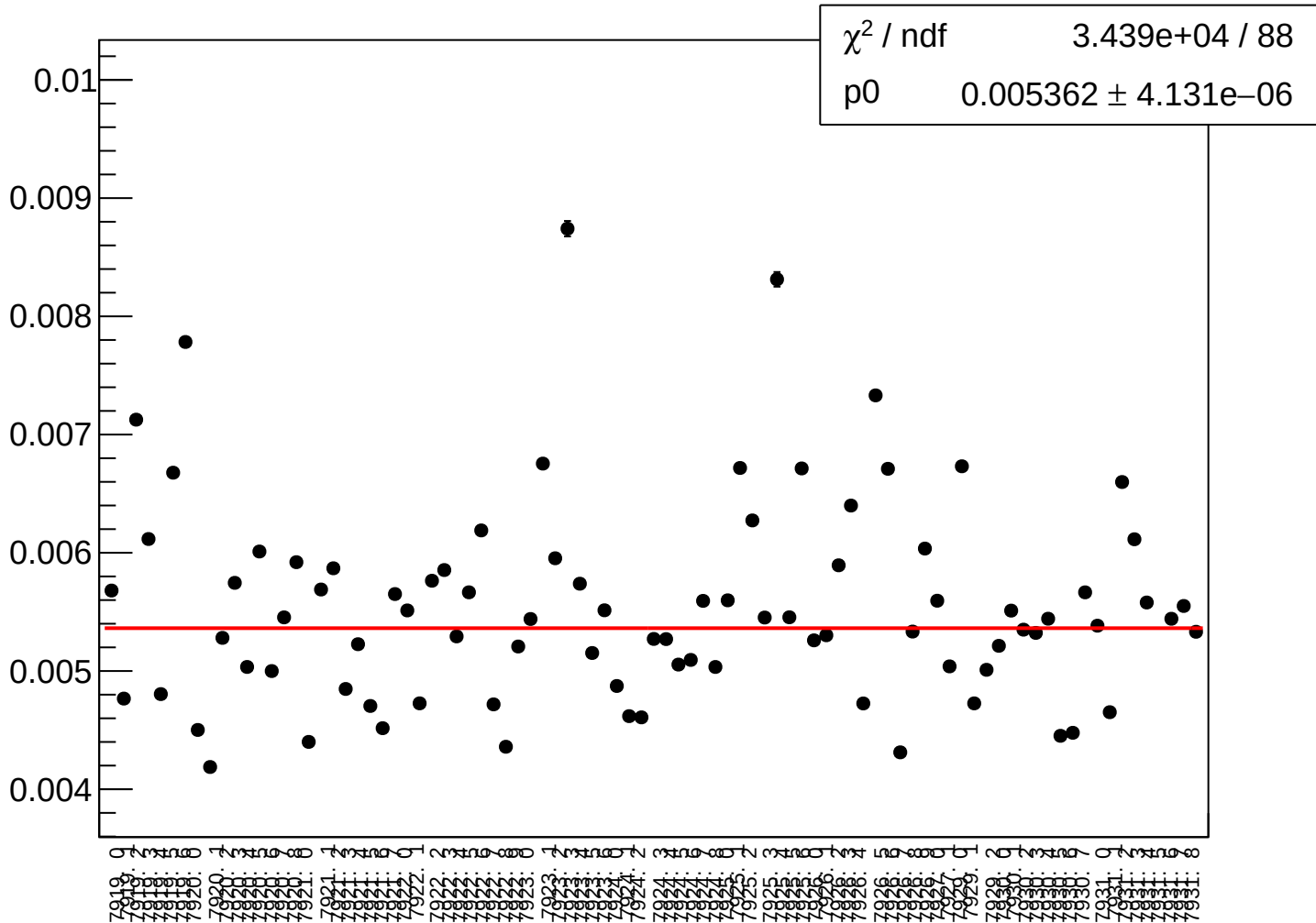
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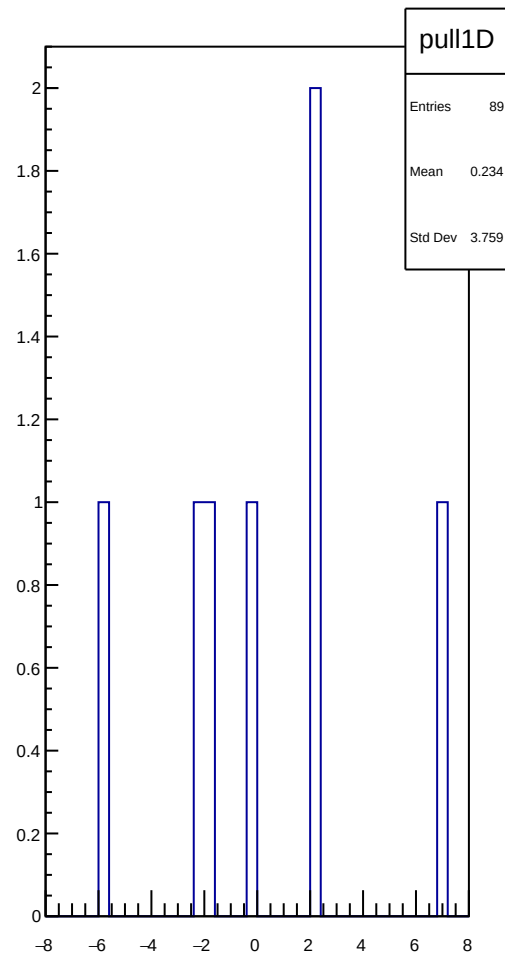
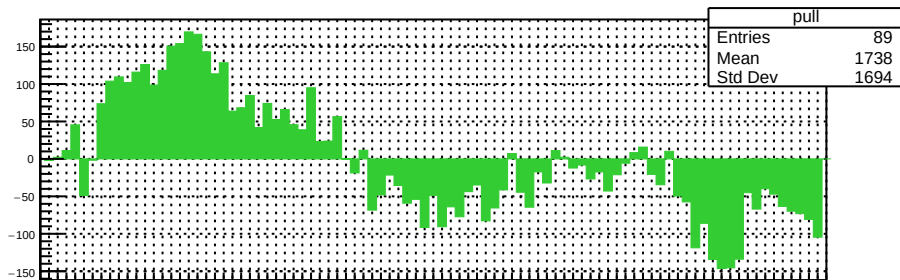
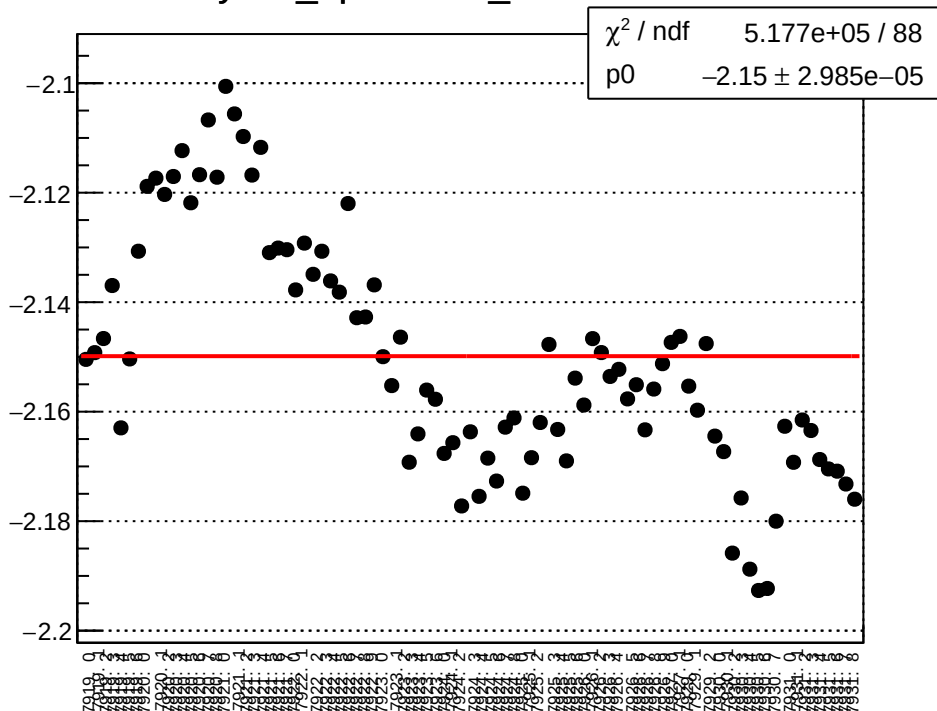
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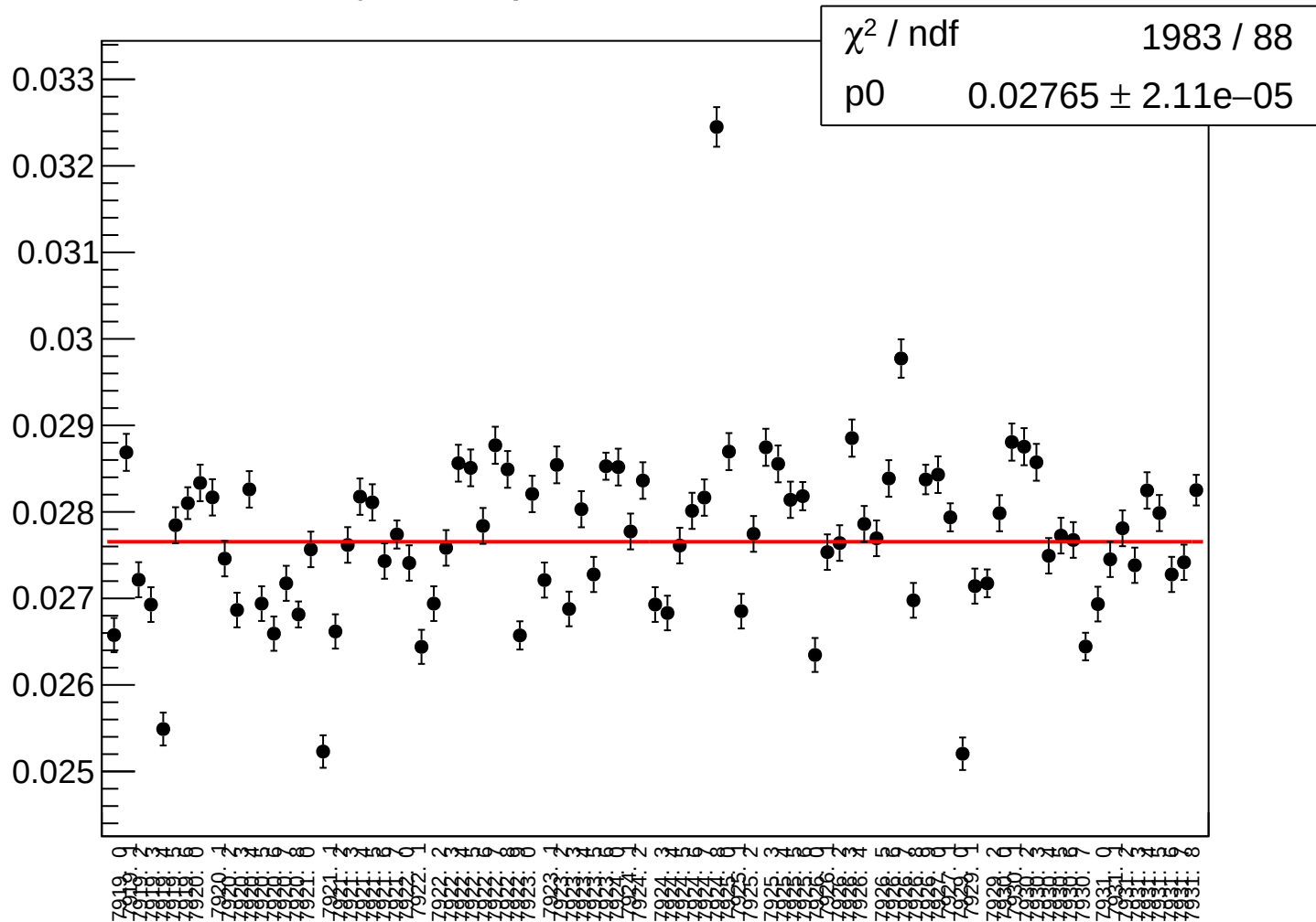
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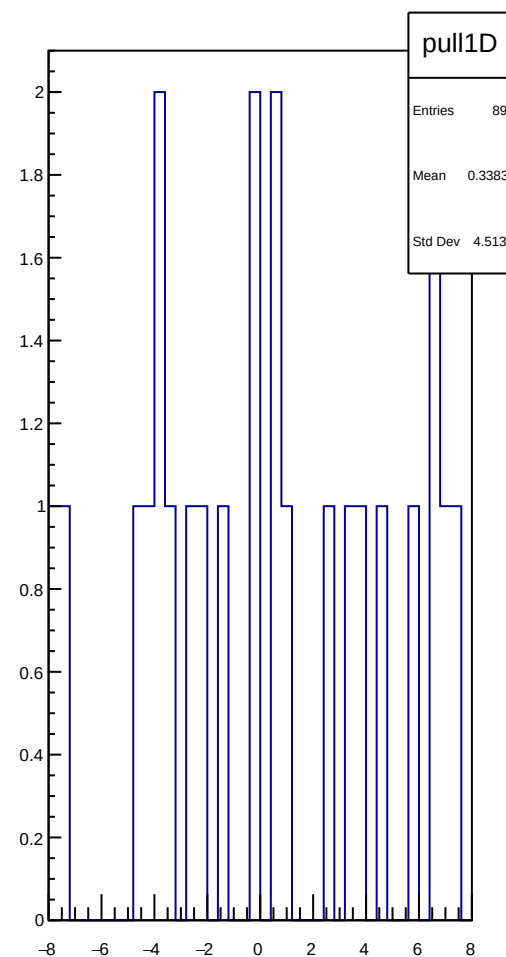
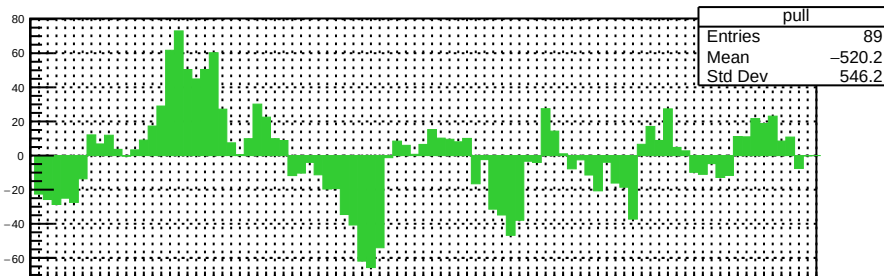
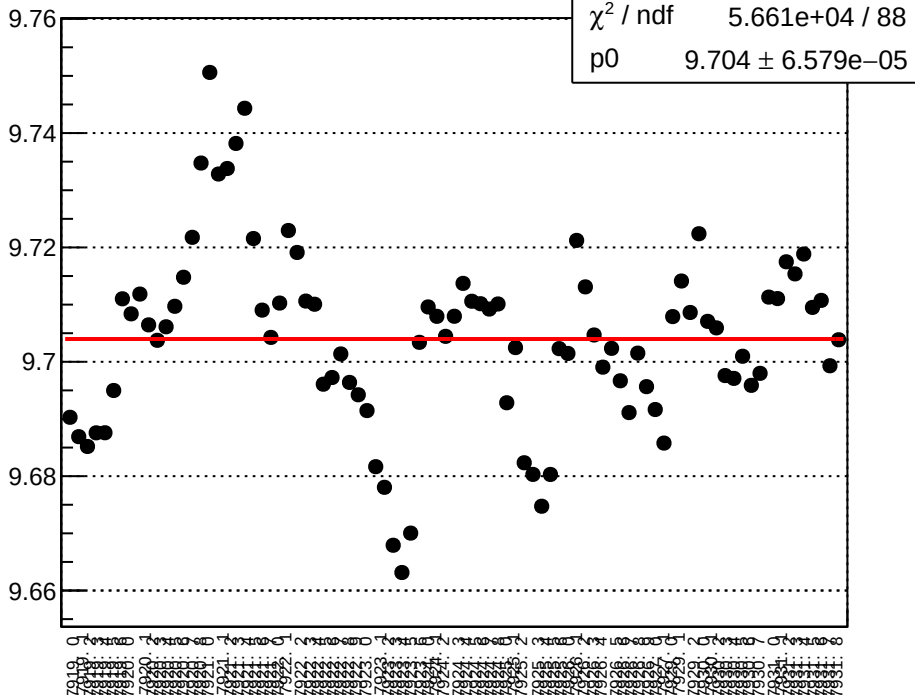
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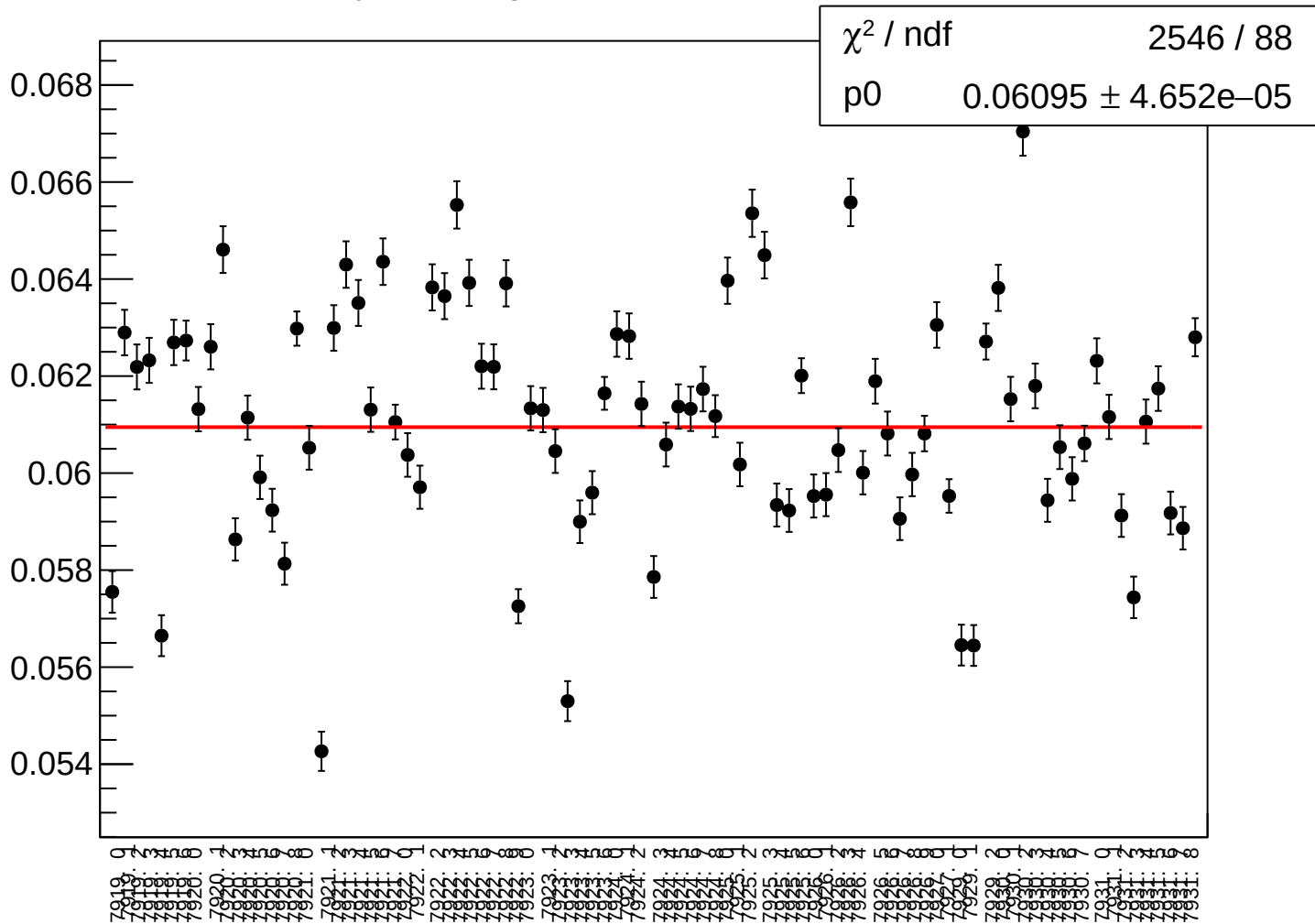
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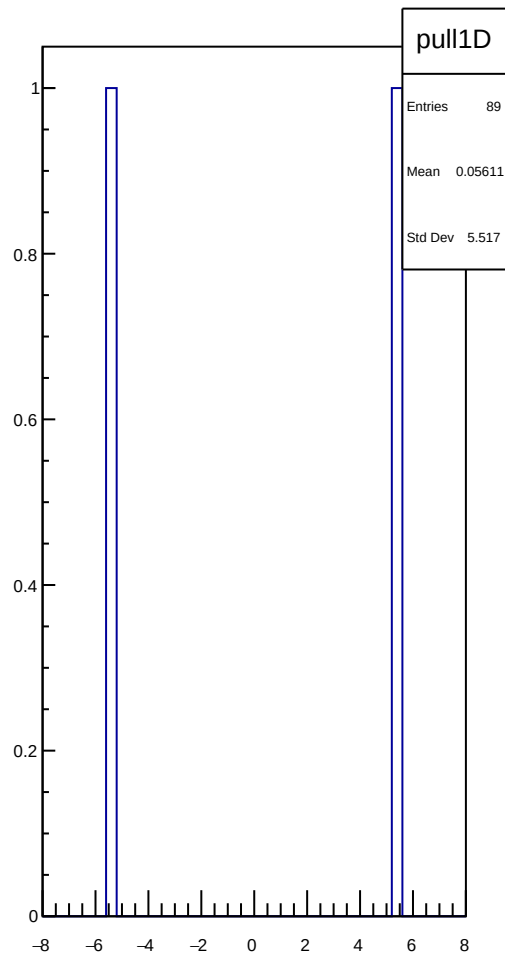
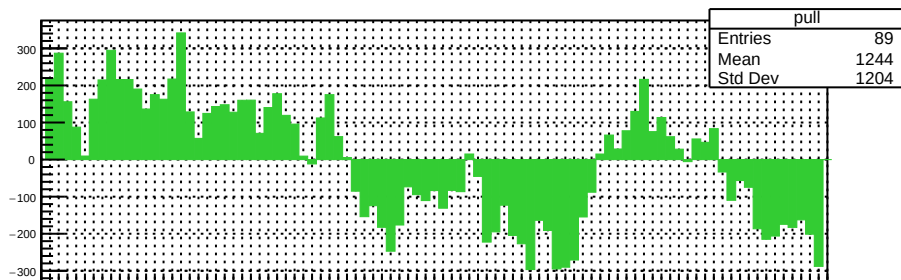
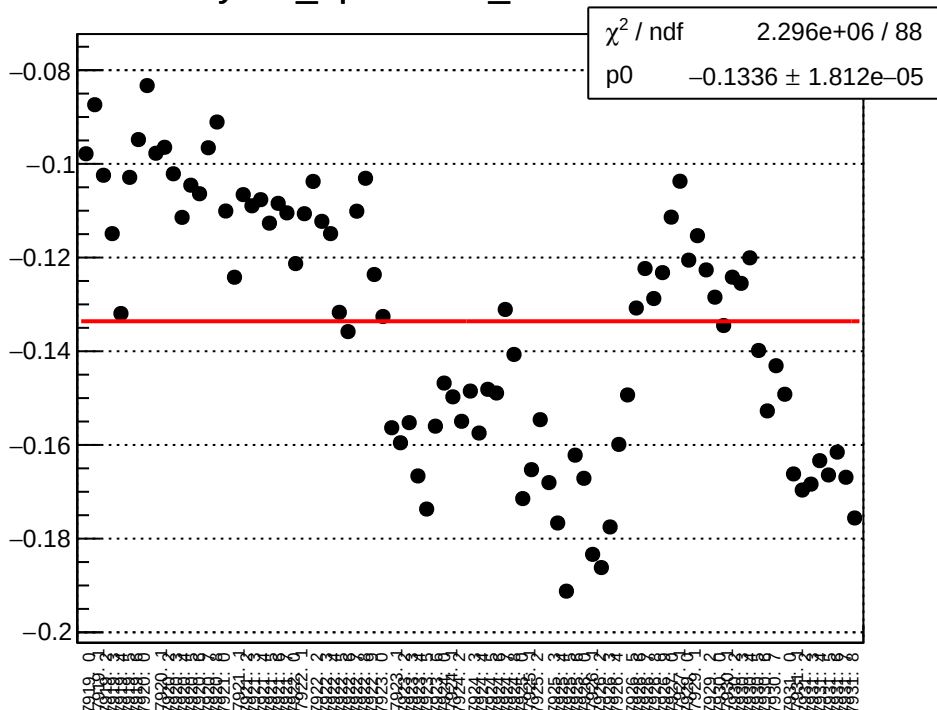
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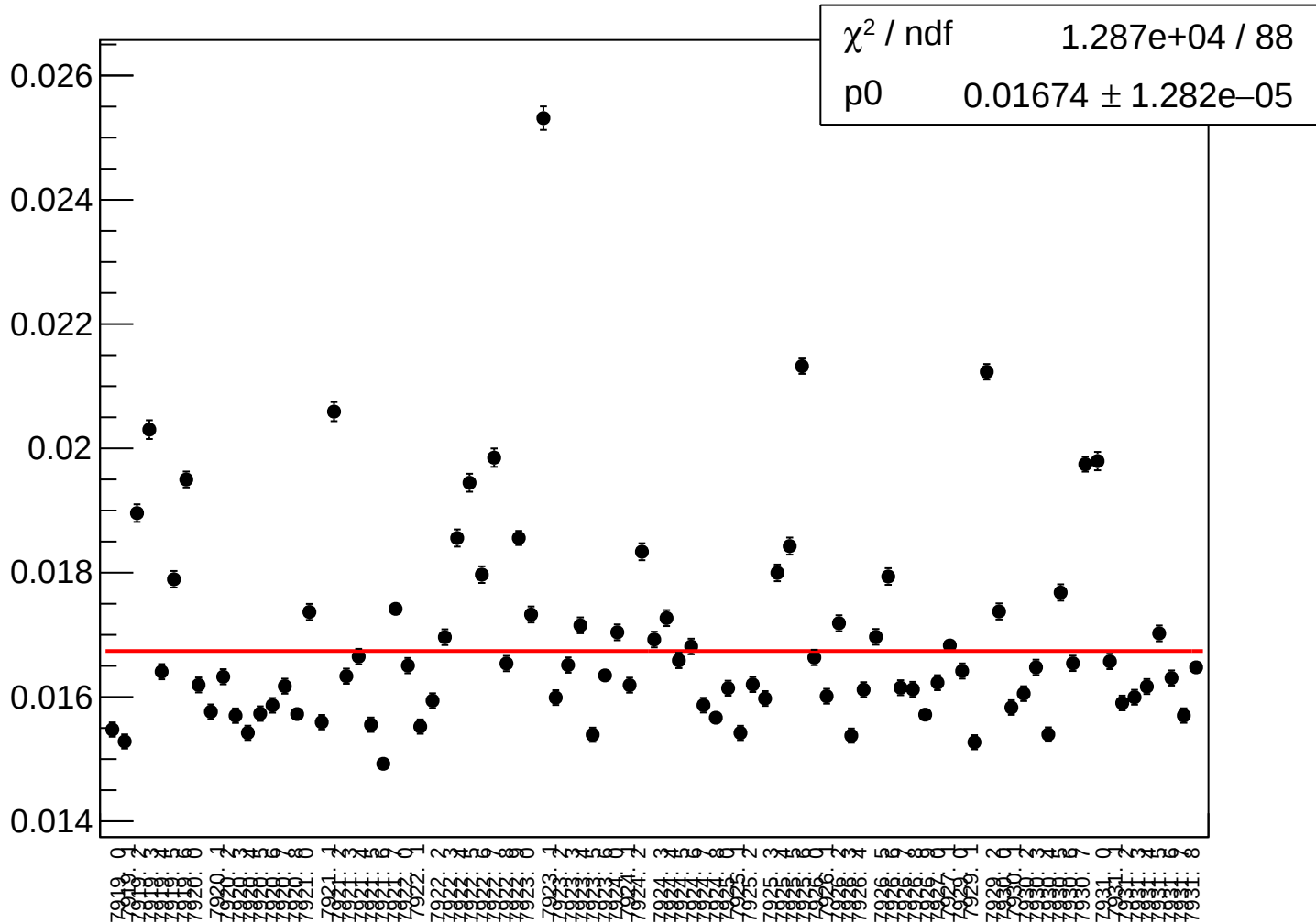
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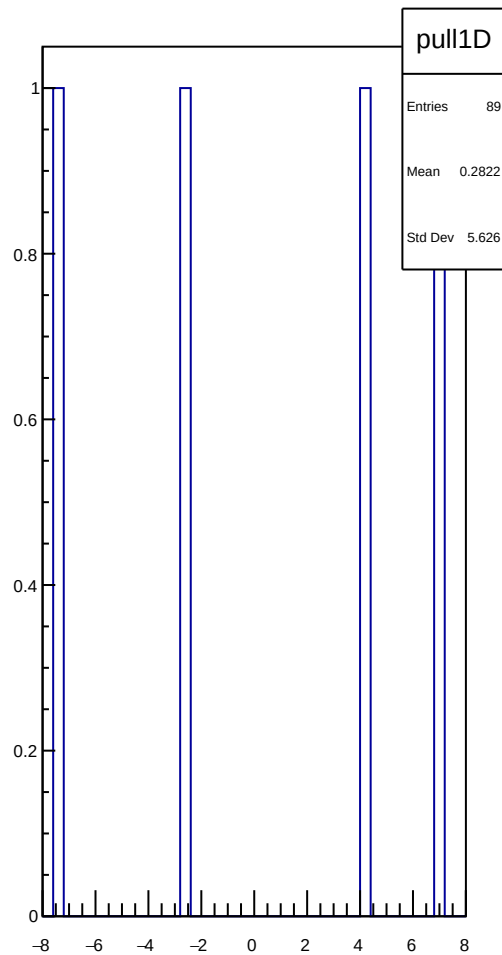
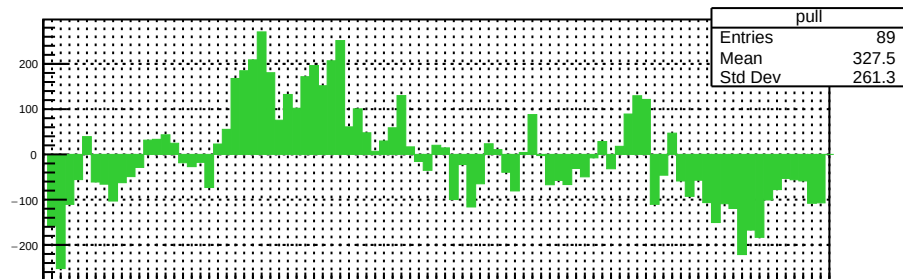
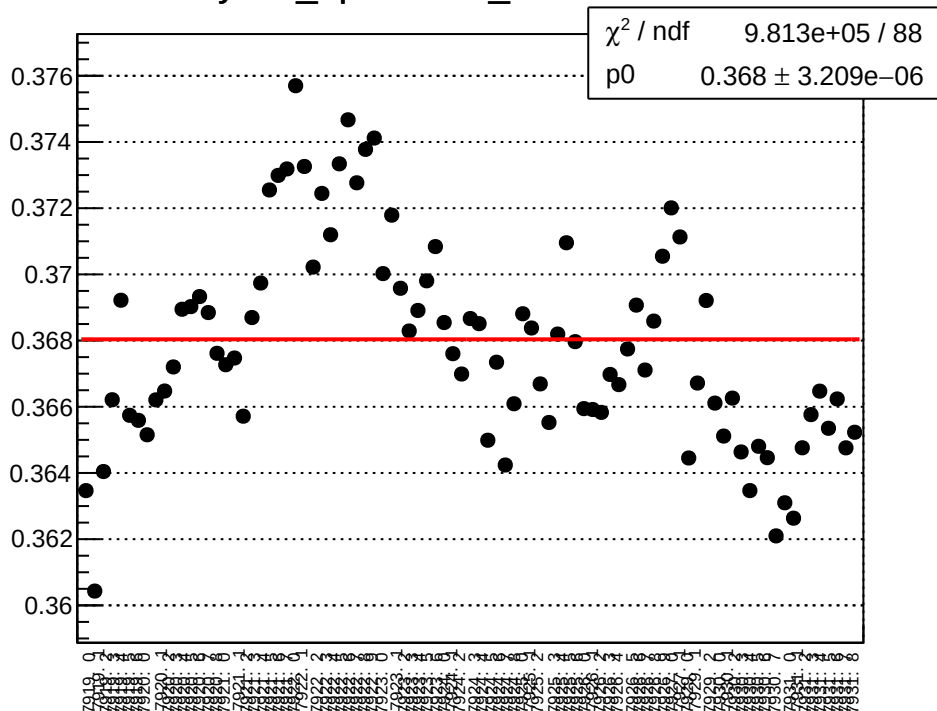
yield_bpm0107X_mean vs run



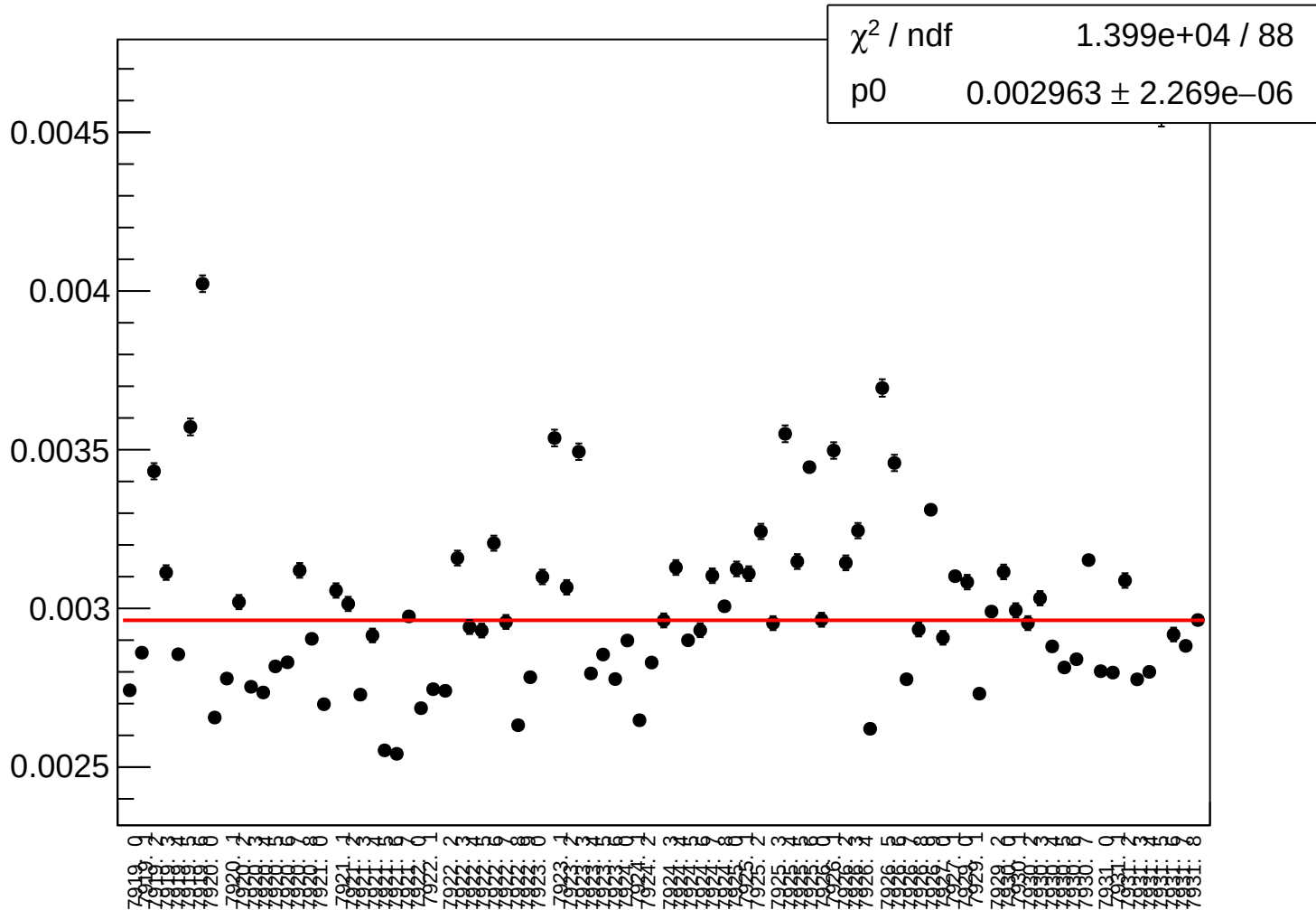
yield_bpm0l07X_rms vs run



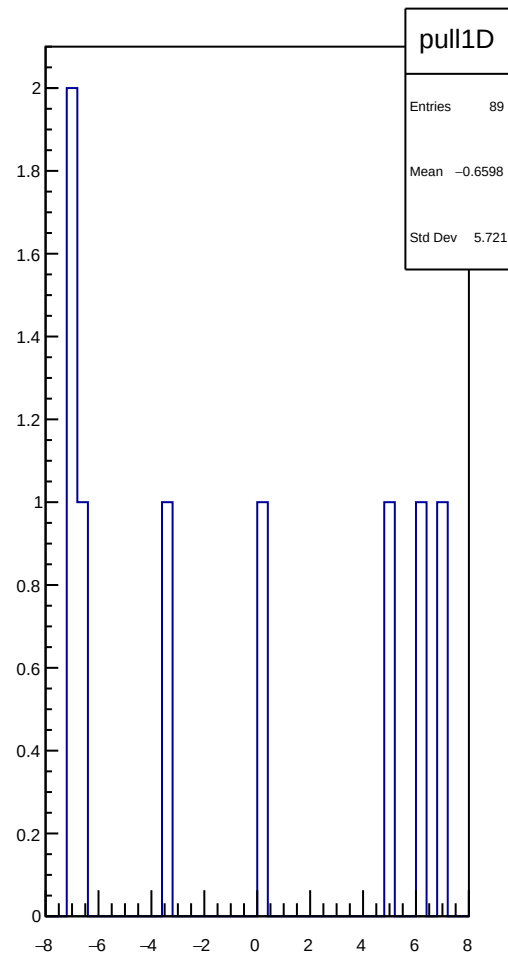
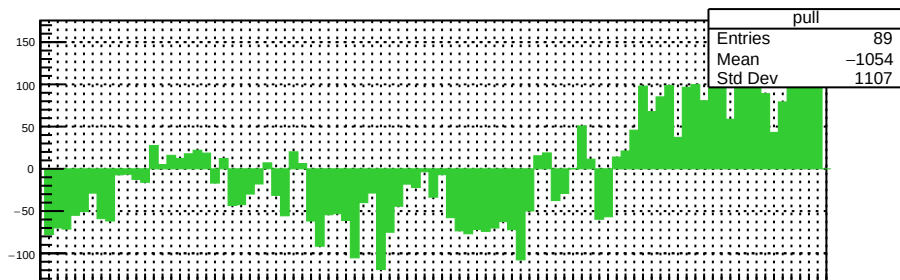
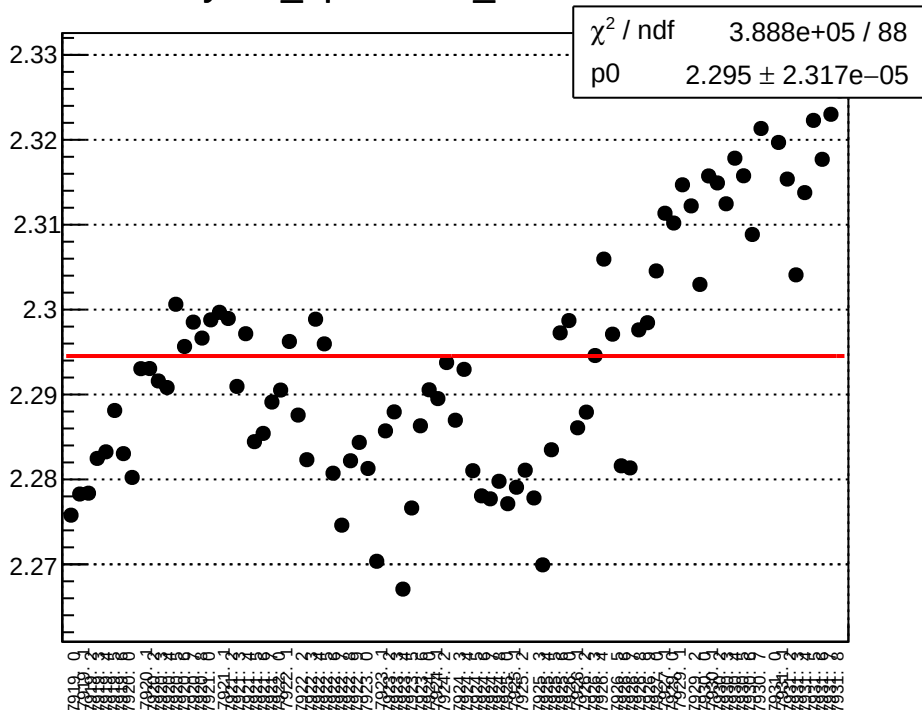
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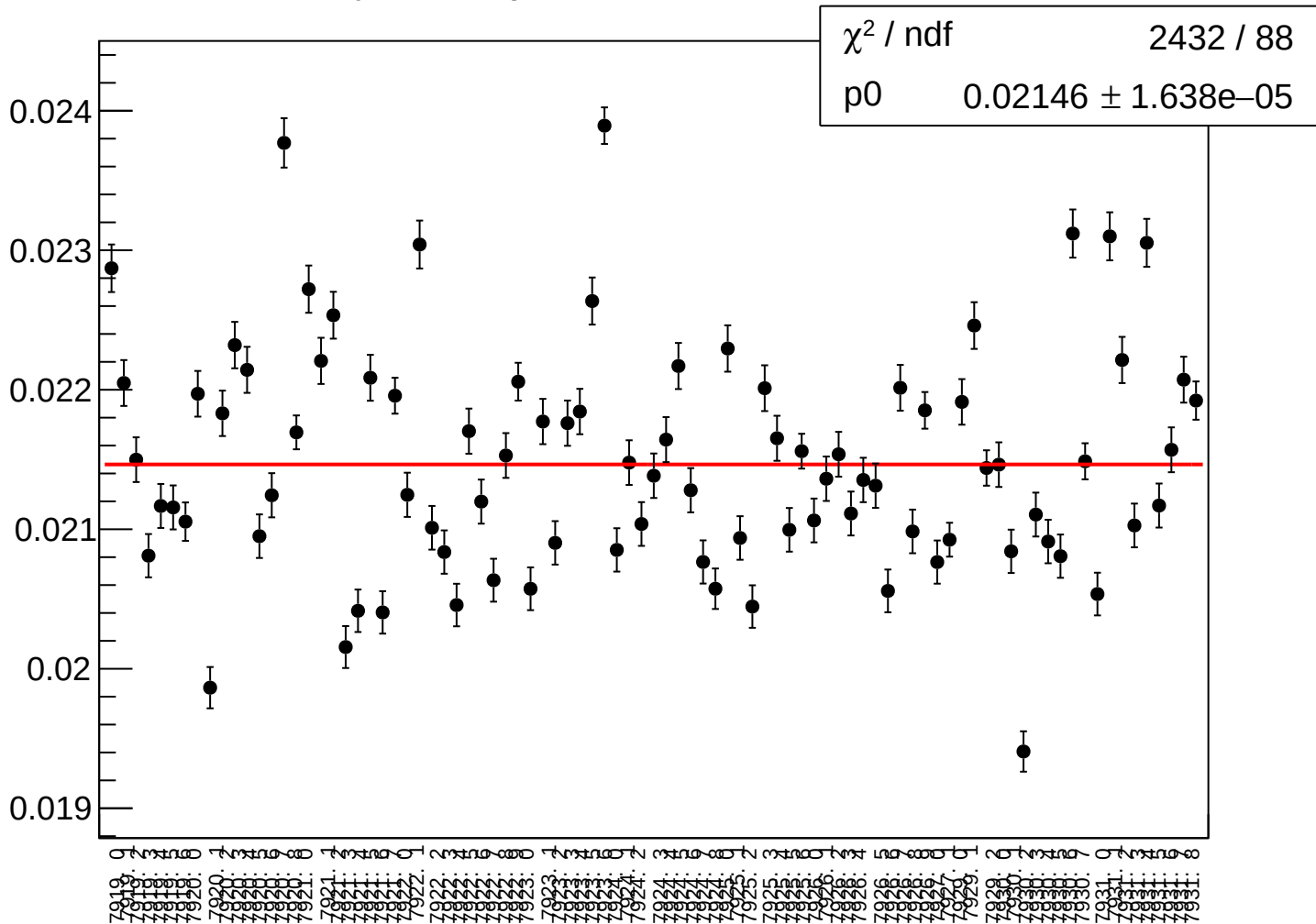
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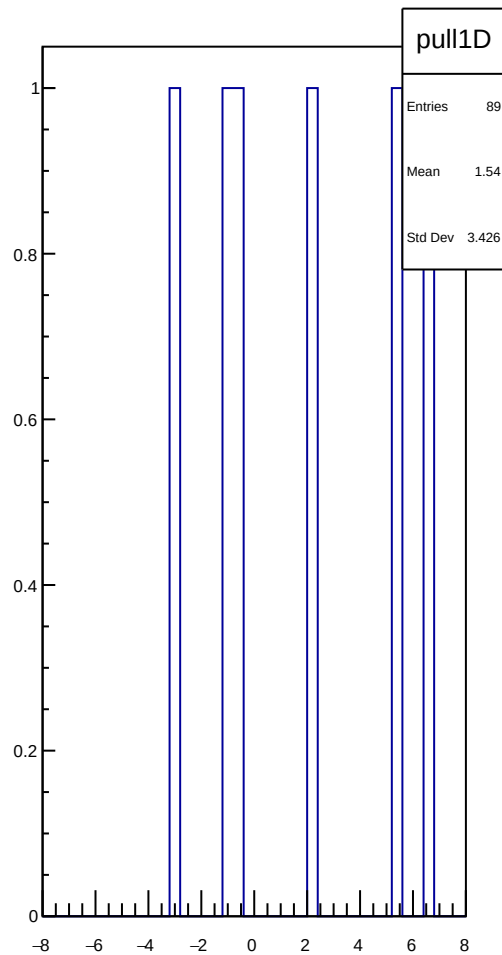
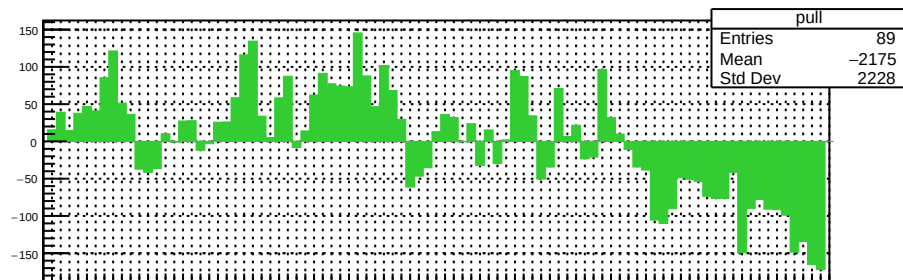
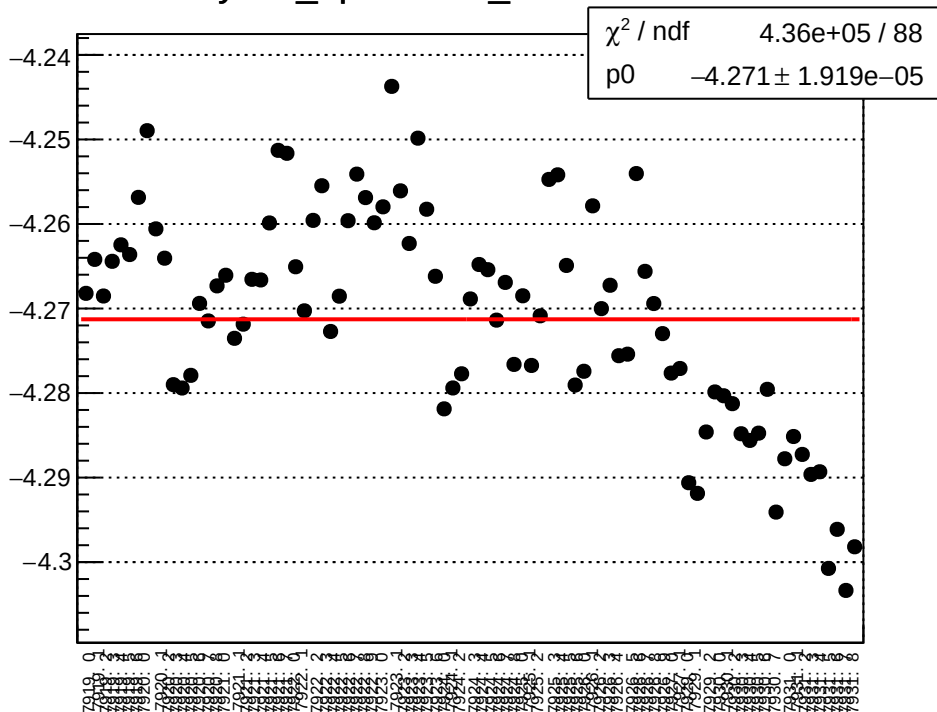
yield_bpm0l08X_mean vs run



yield_bpm0l08X_rms vs run



yield_bpm0l08Y_mean vs run



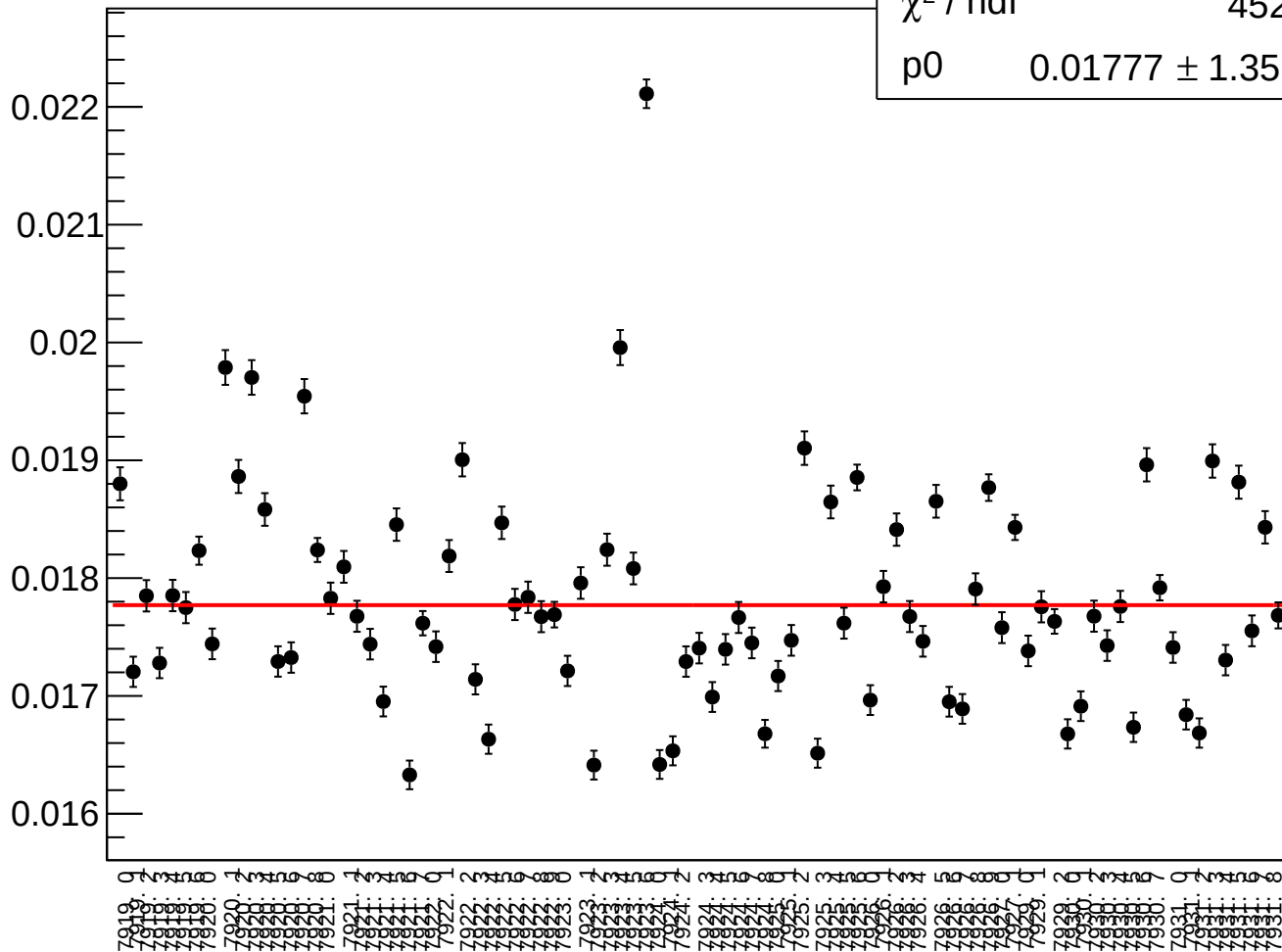
yield_bpm0l08Y_rms vs run

χ^2 / ndf

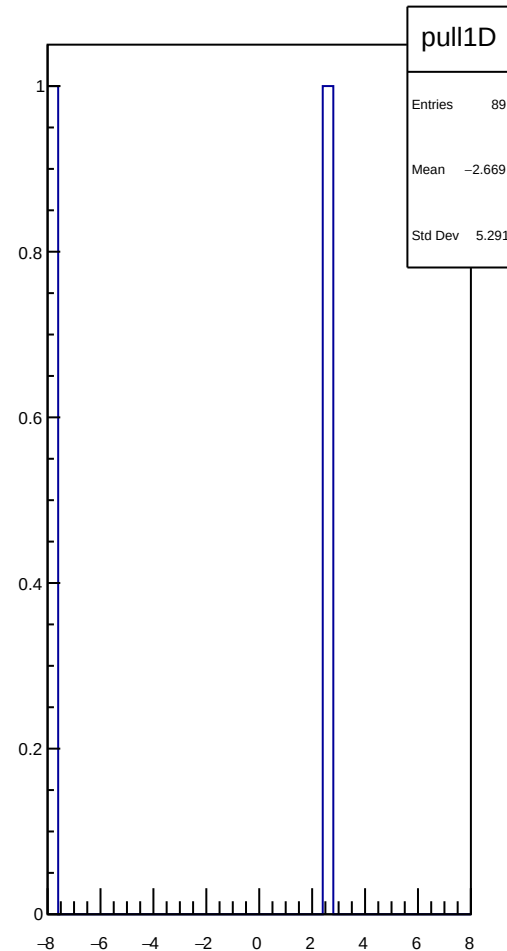
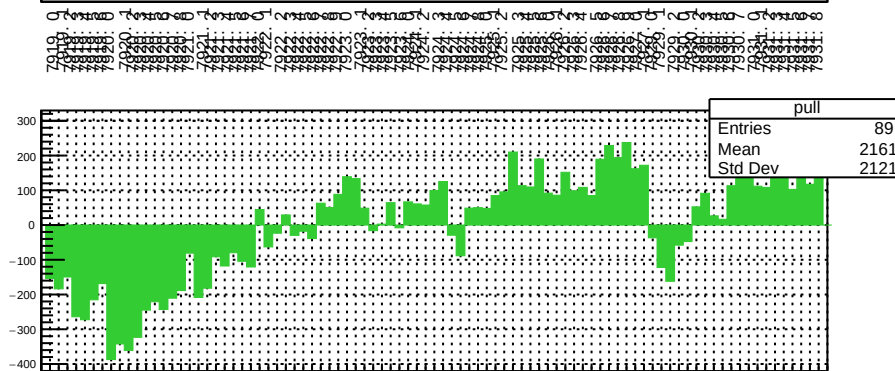
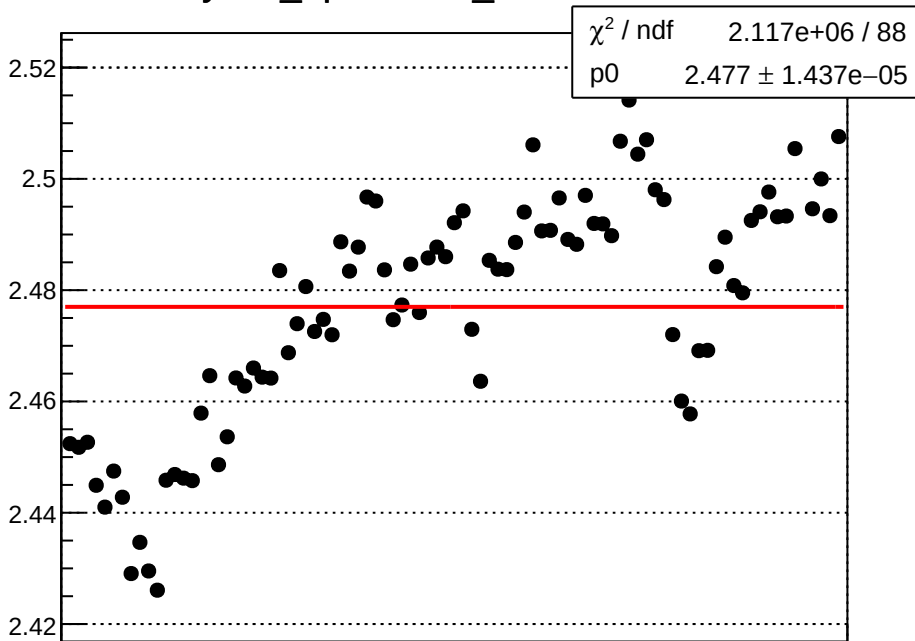
4522 / 88

p0

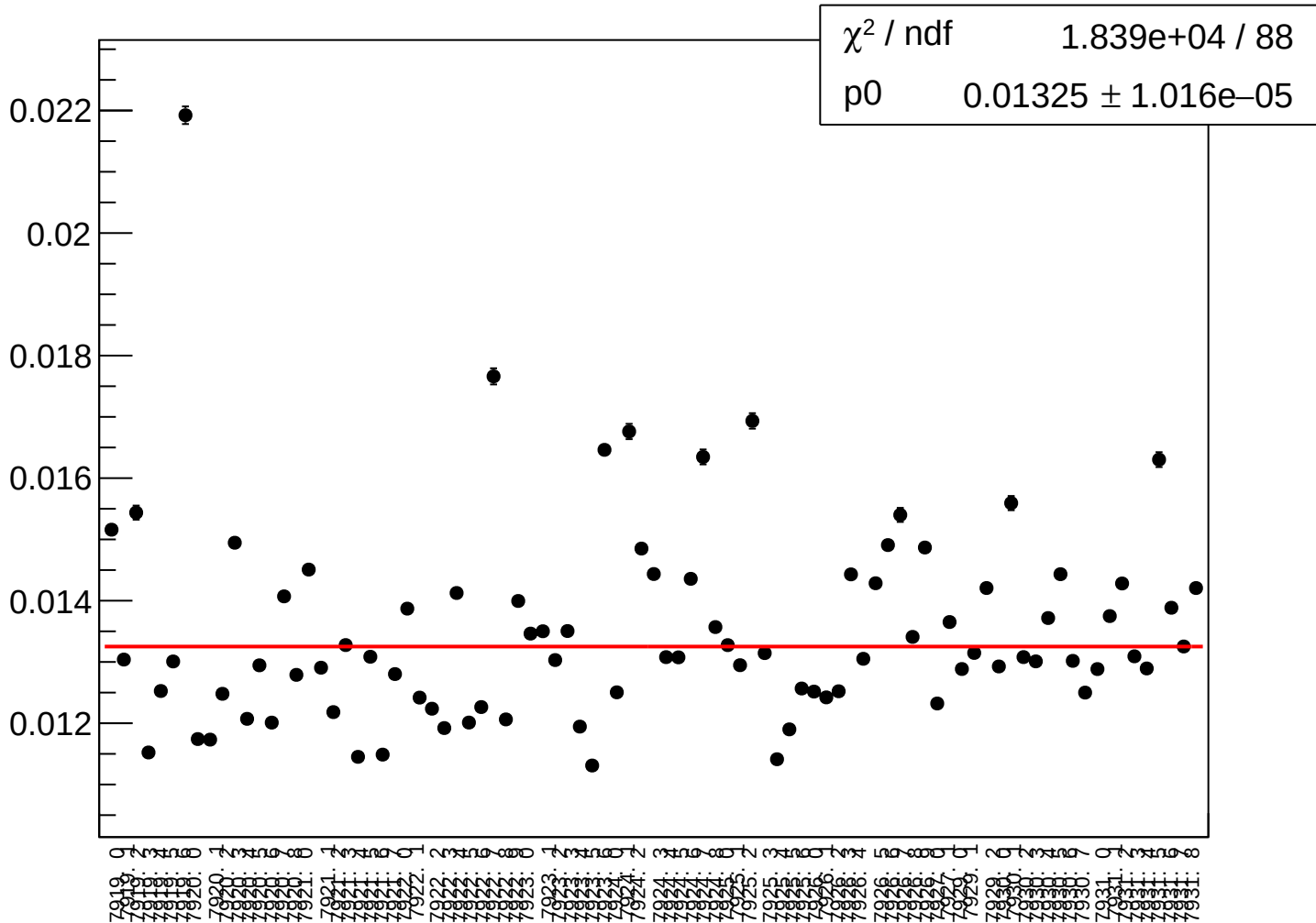
$0.01777 \pm 1.357\text{e-}05$



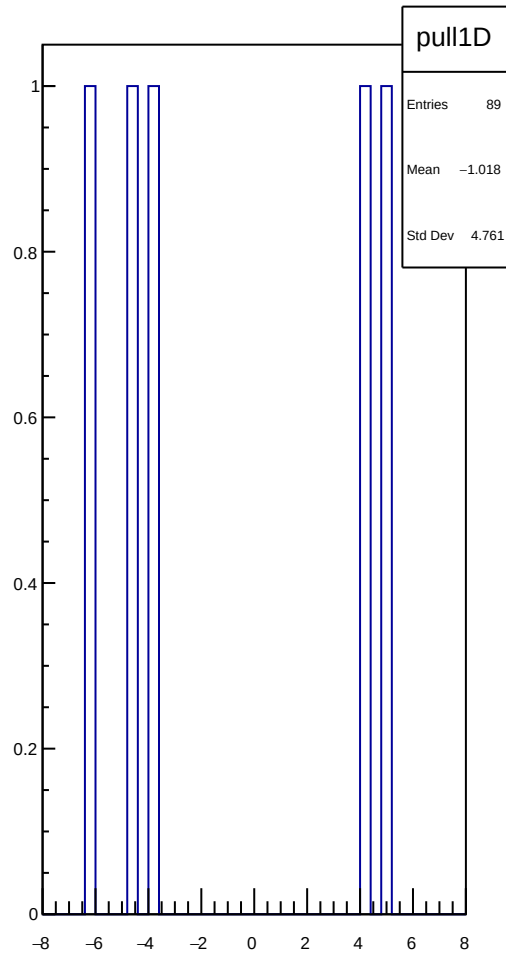
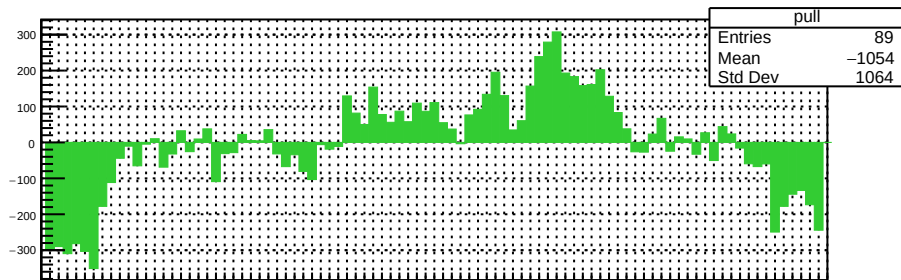
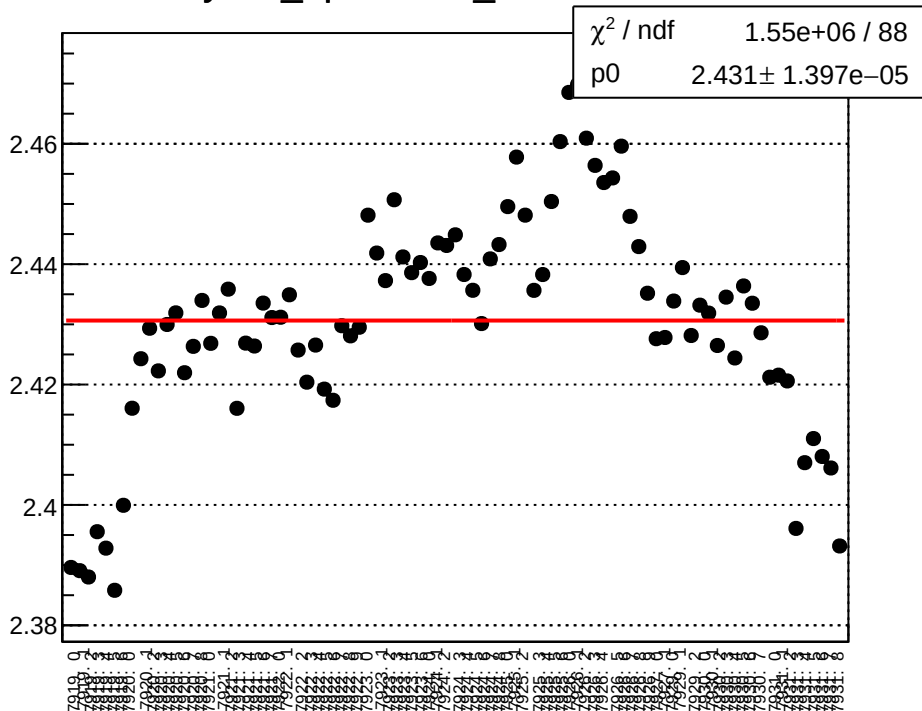
yield_bpm0l09X_mean vs run



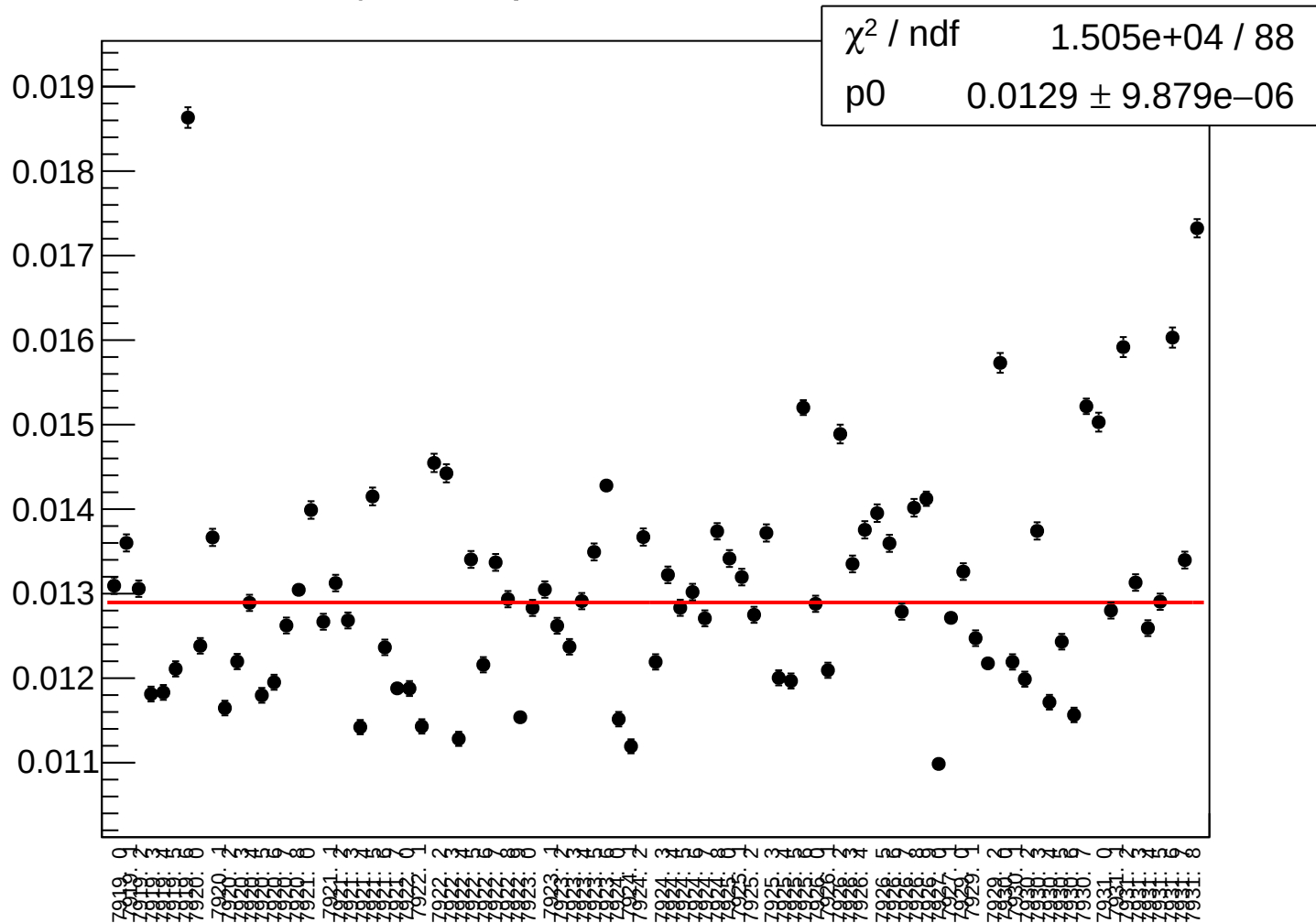
yield_bpm0l09X_rms vs run



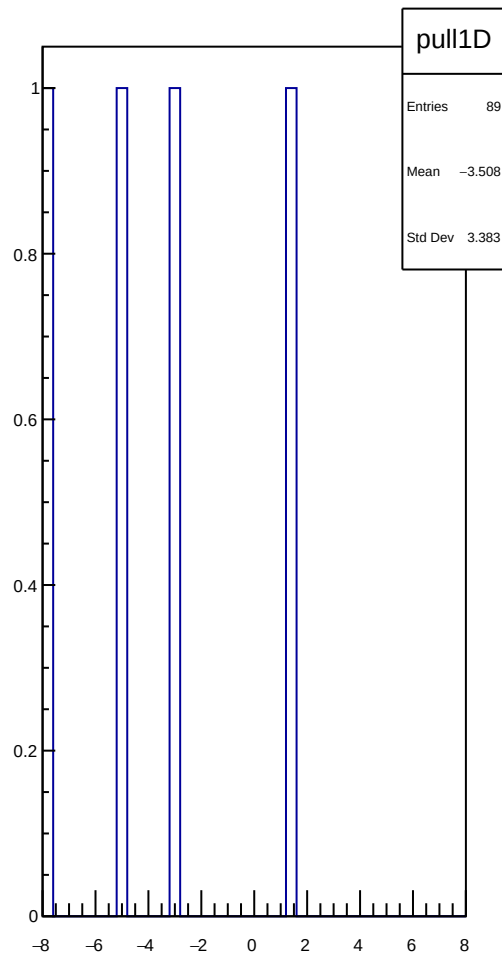
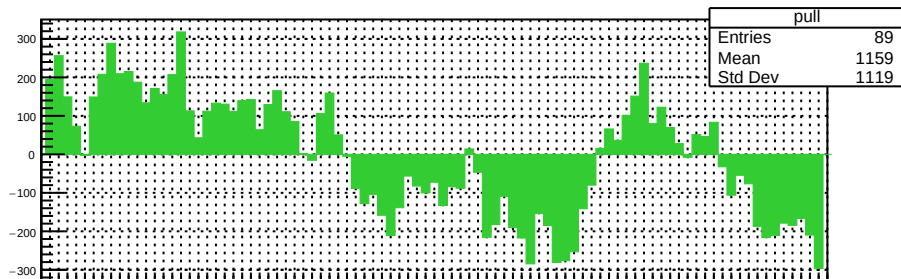
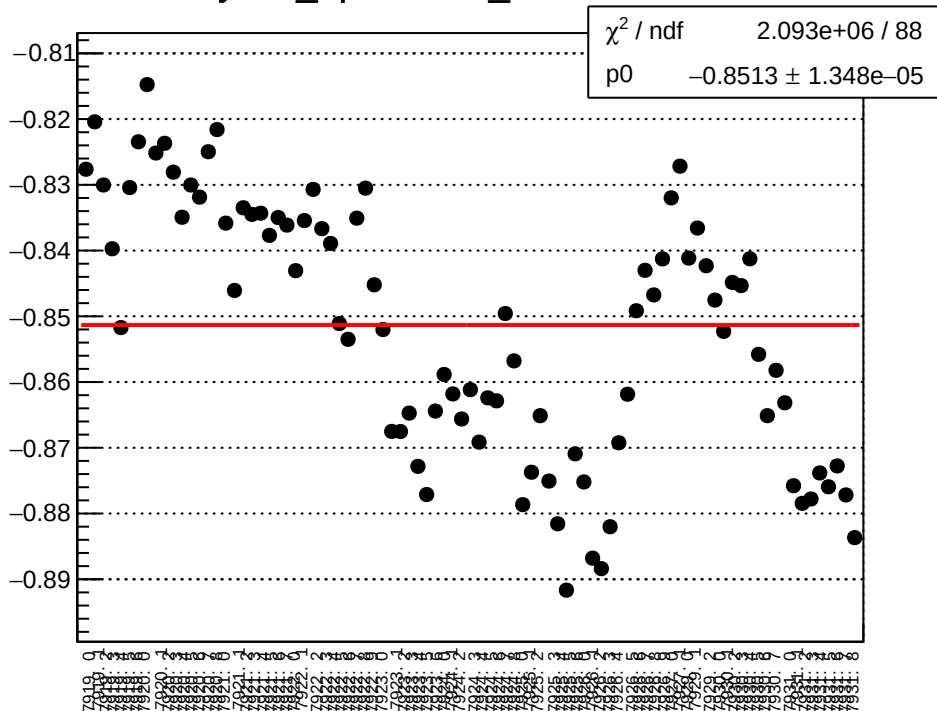
yield_bpm0l09Y_mean vs run



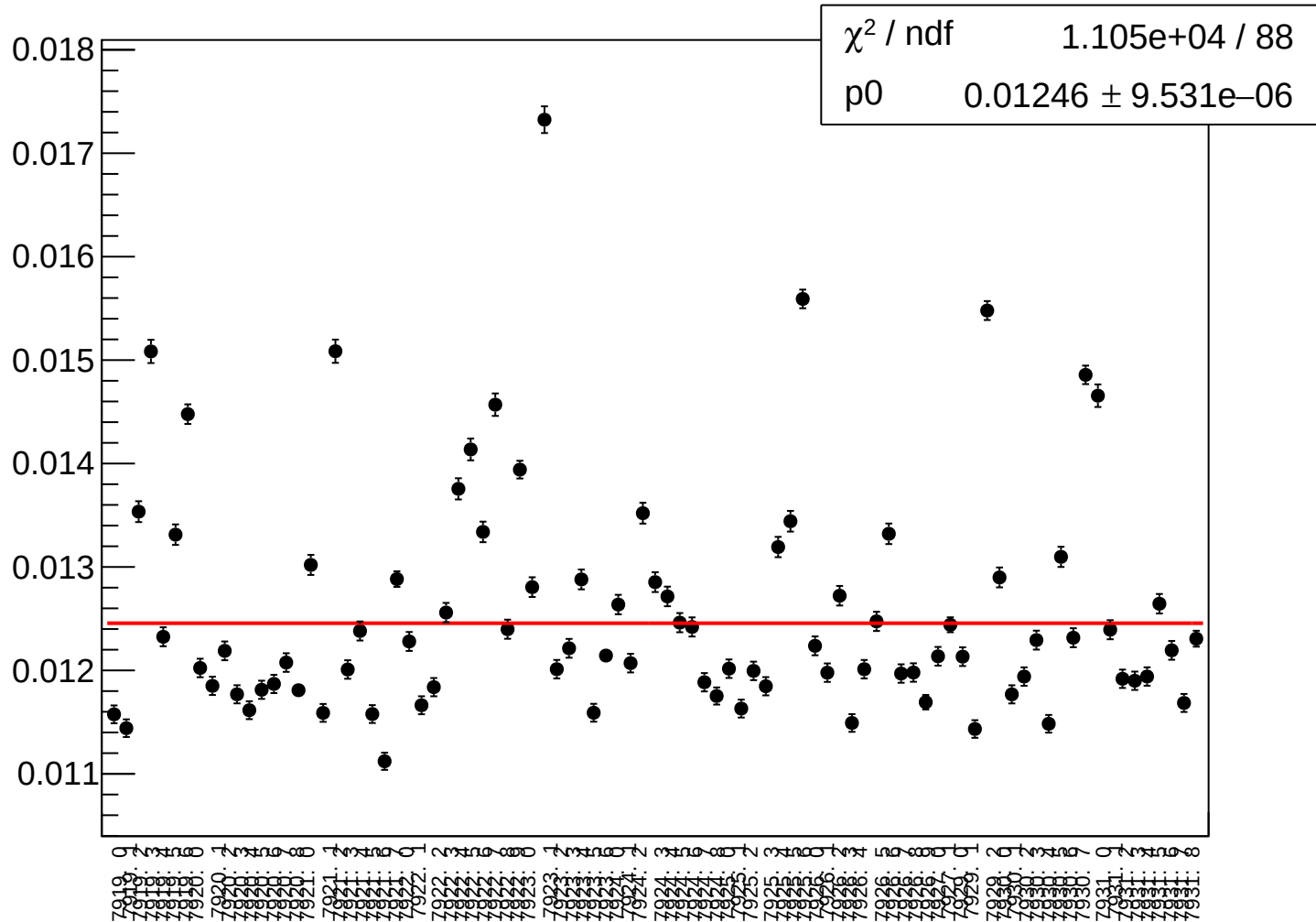
yield_bpm0l09Y_rms vs run



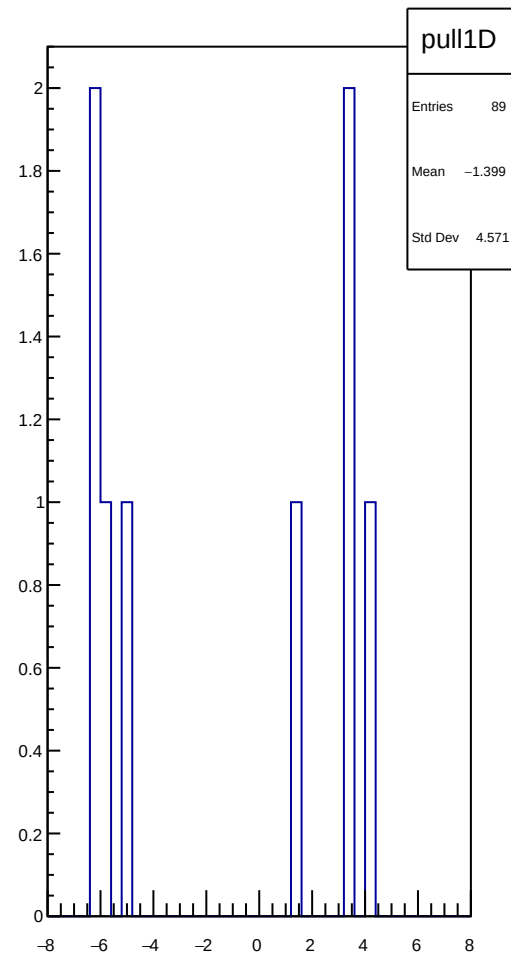
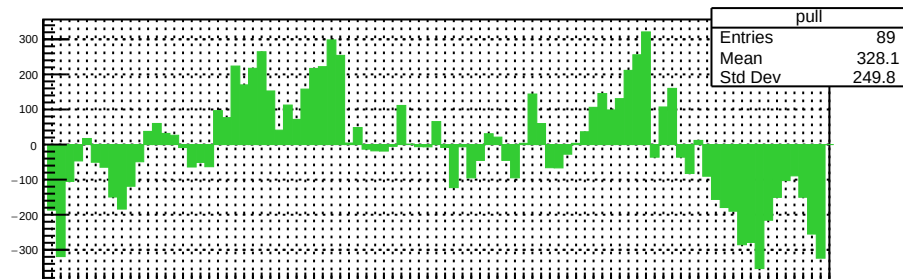
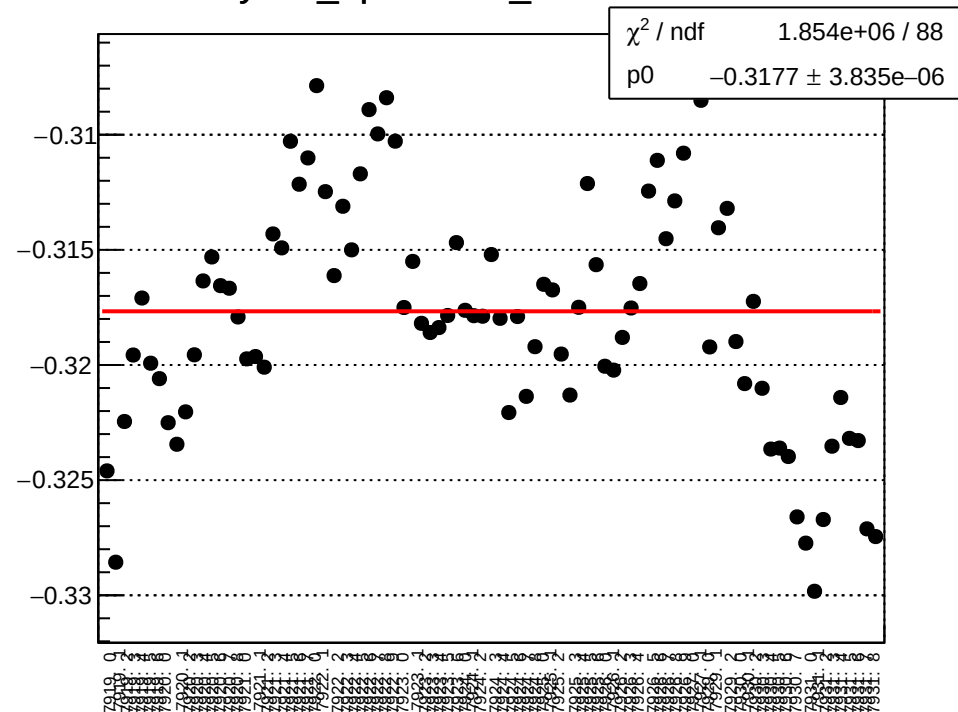
yield_bpm0l10X_mean vs run



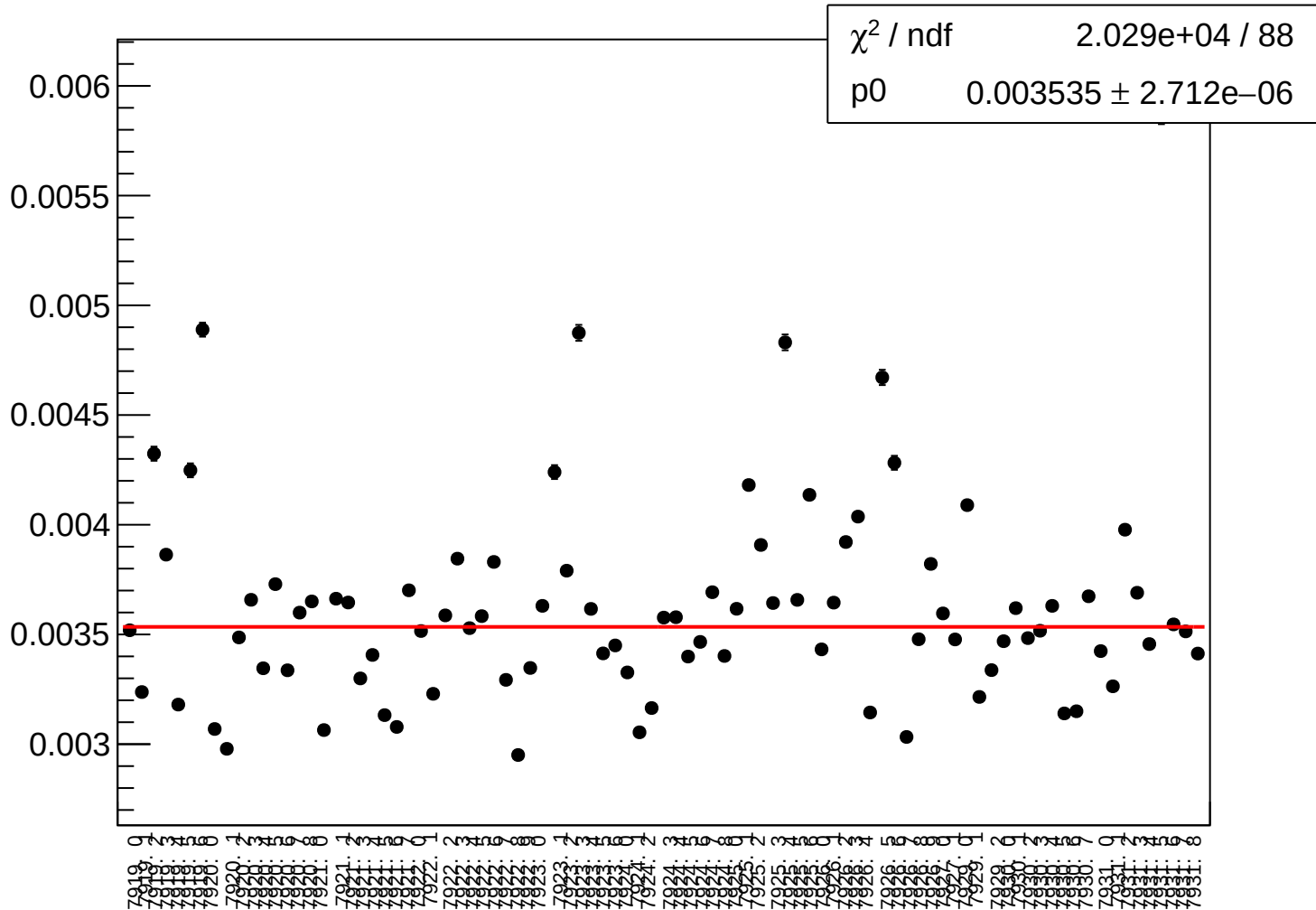
yield_bpm0l10X_rms vs run



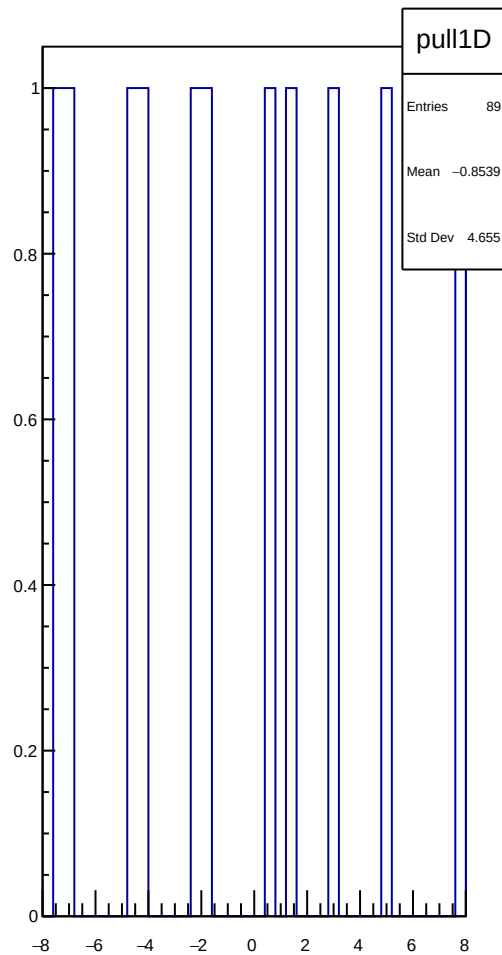
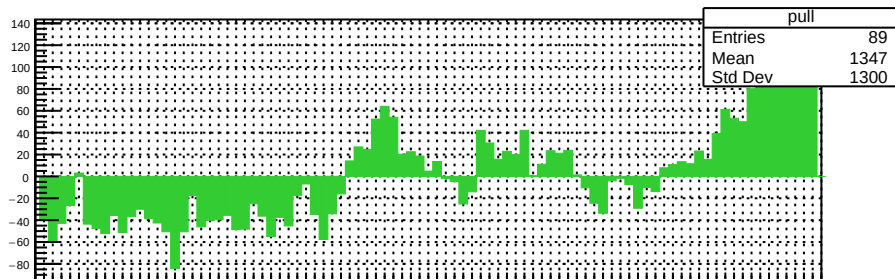
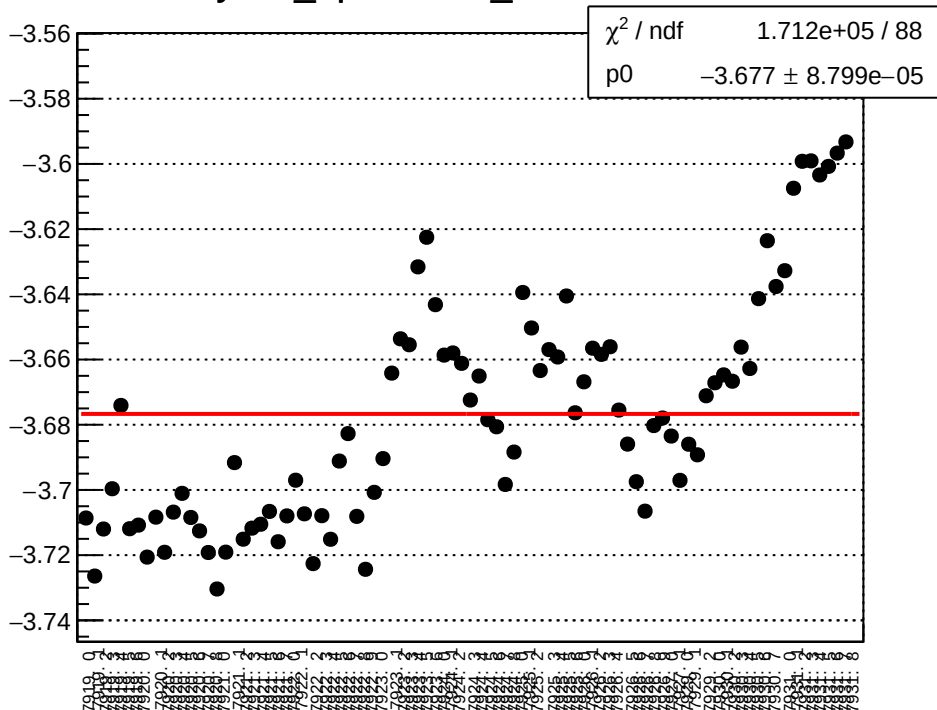
yield_bpm0l10Y_mean vs run



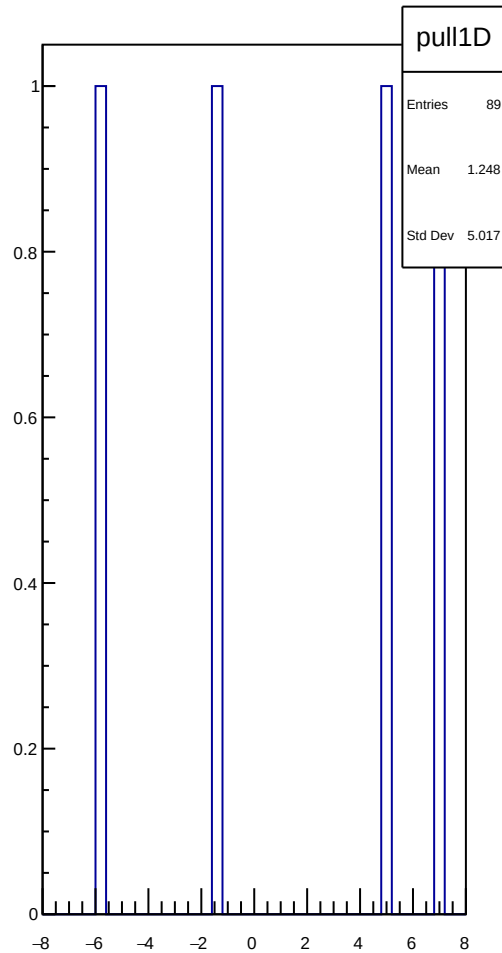
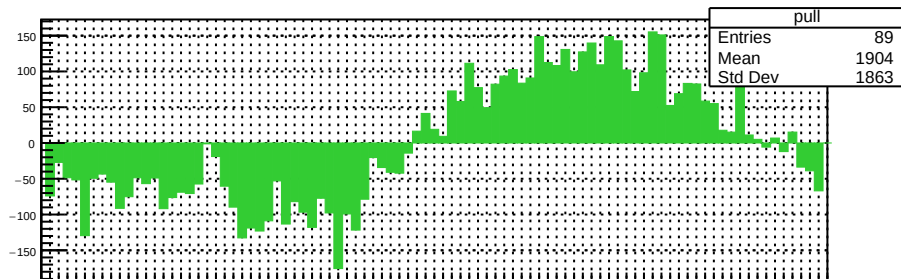
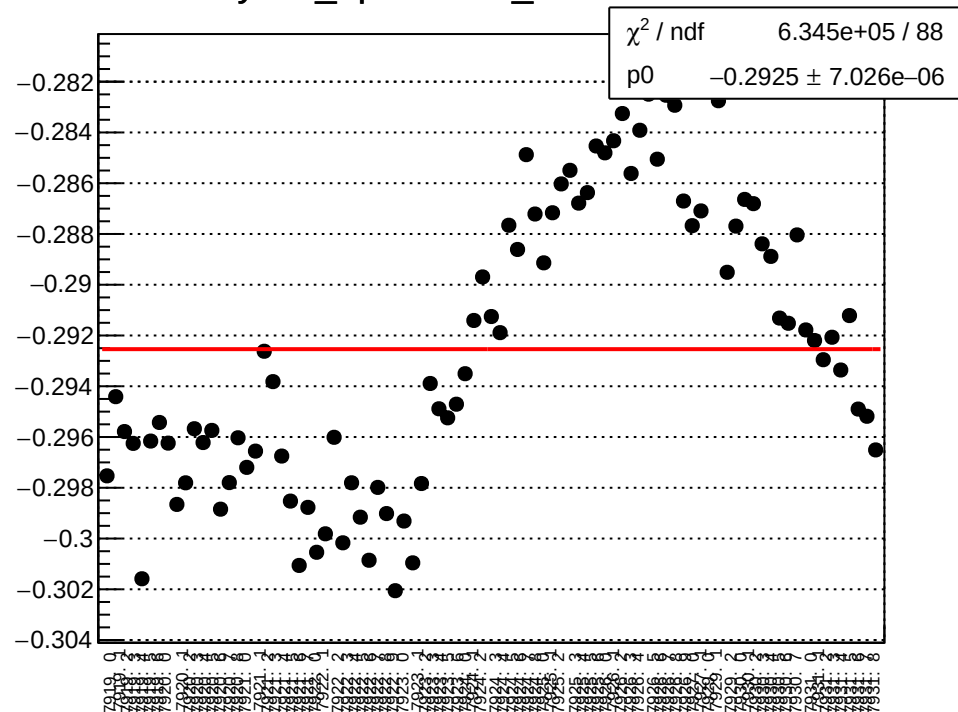
yield_bpm0l10Y_rms vs run



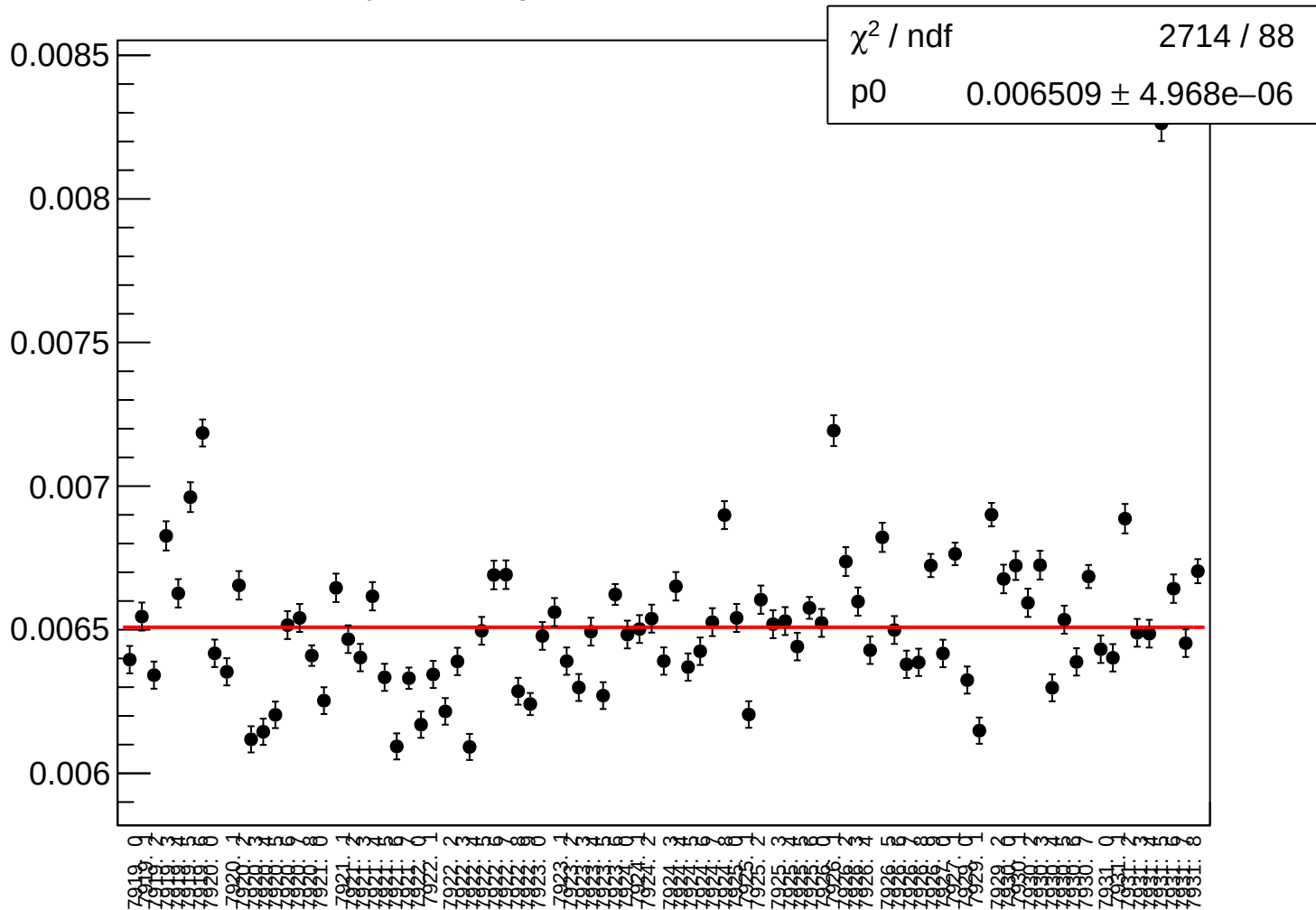
yield_bpm0r03X_mean vs run



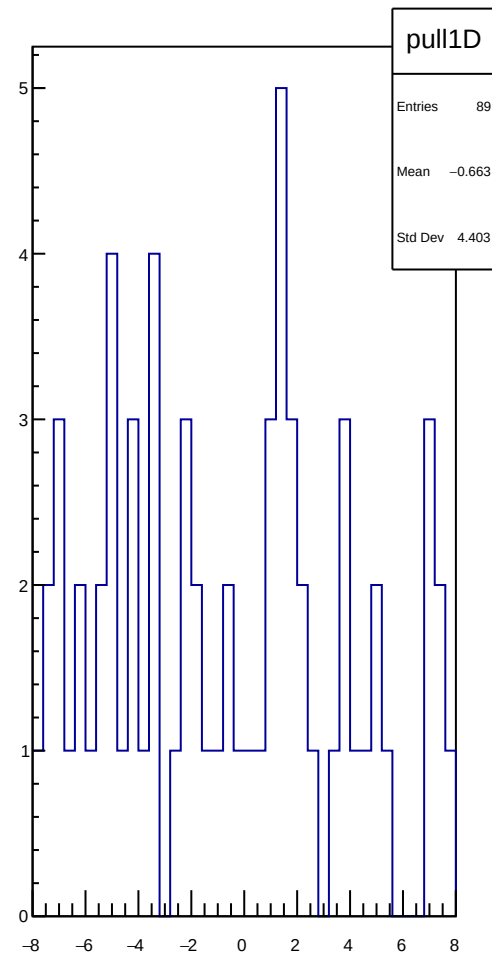
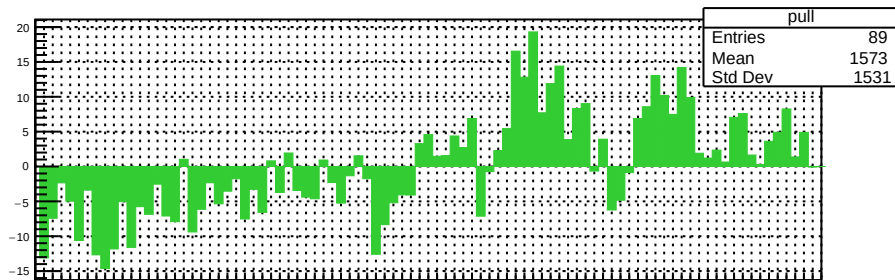
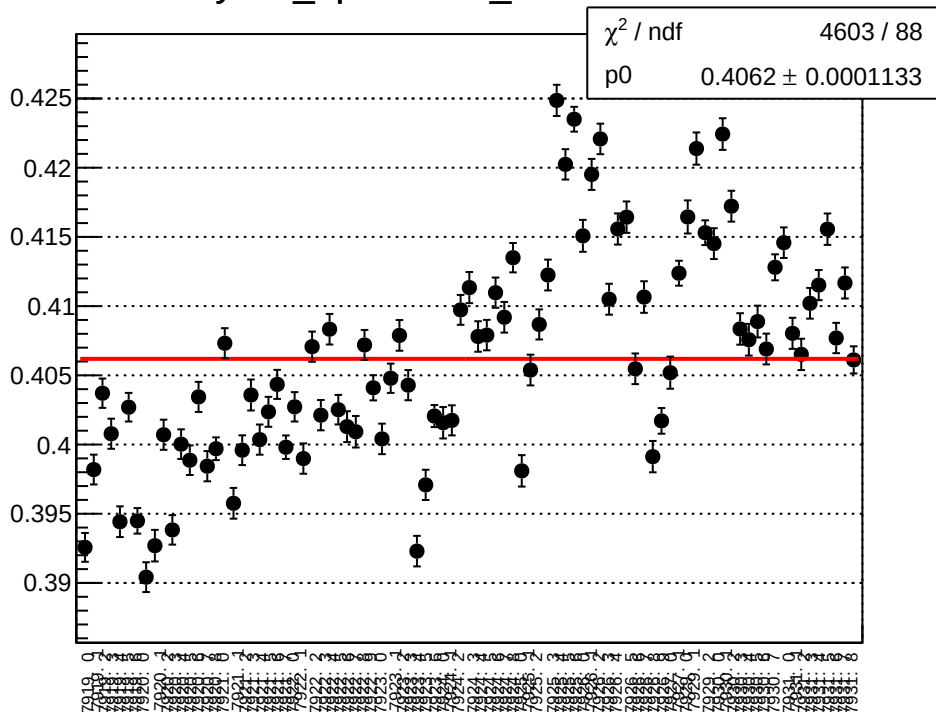
yield_bpm0r03Y_mean vs run



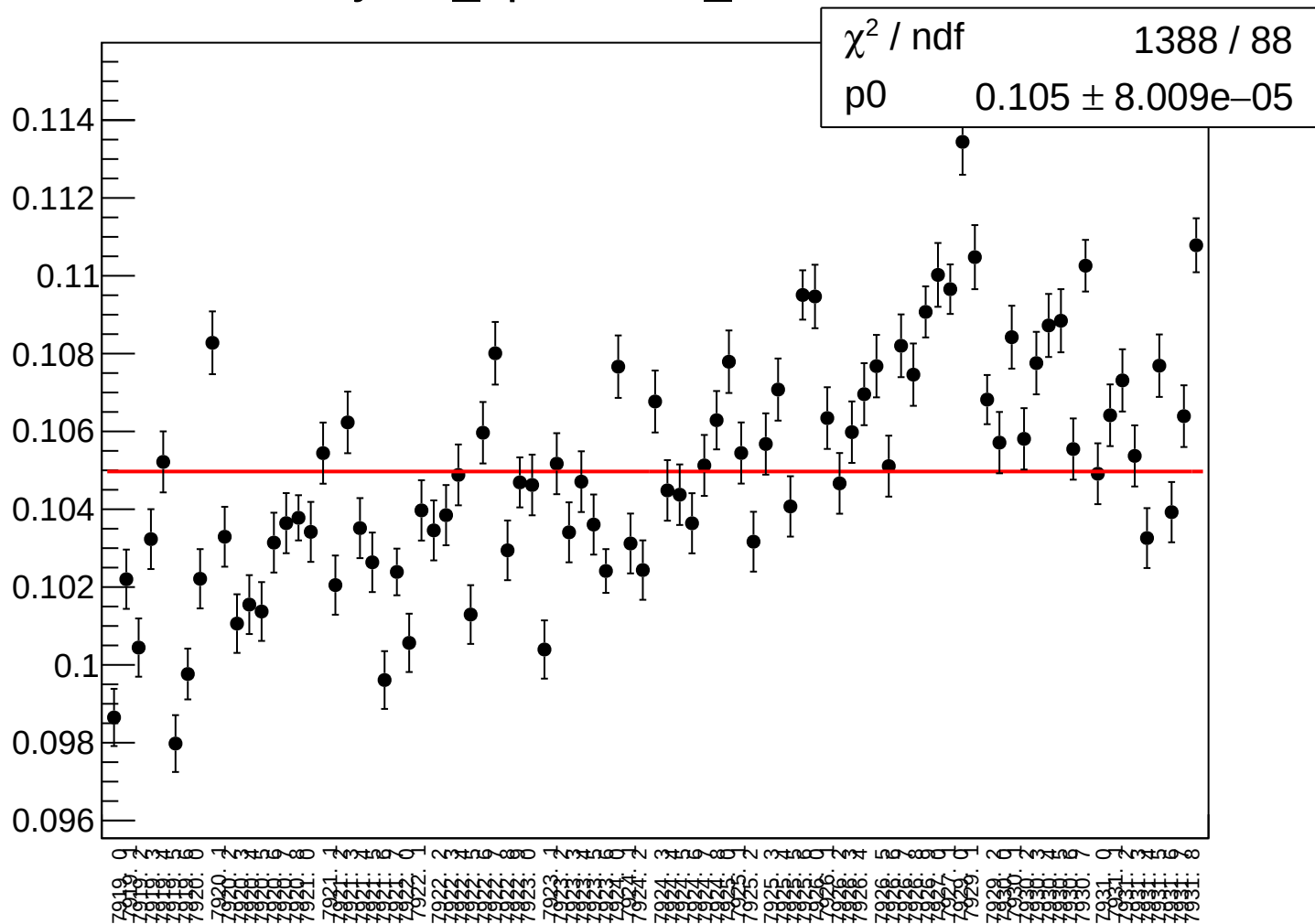
yield_bpm0r03Y_rms vs run



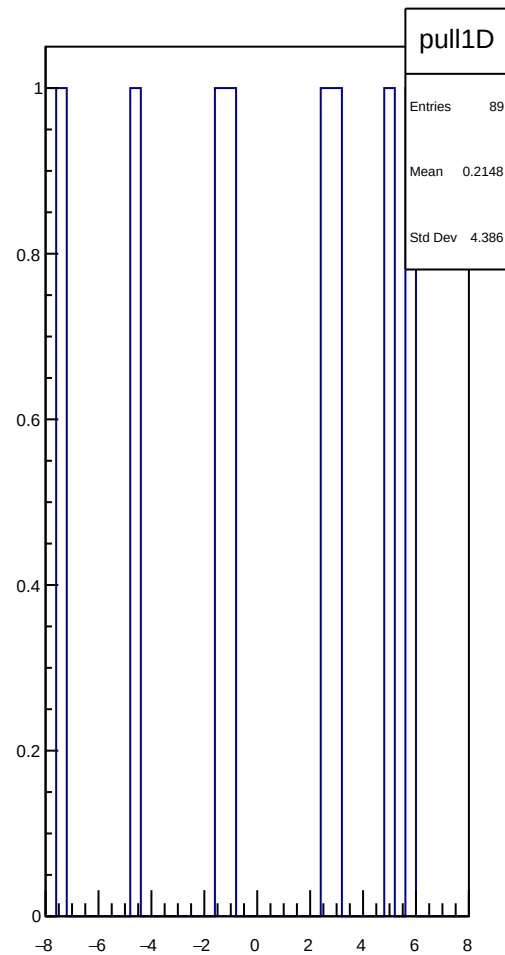
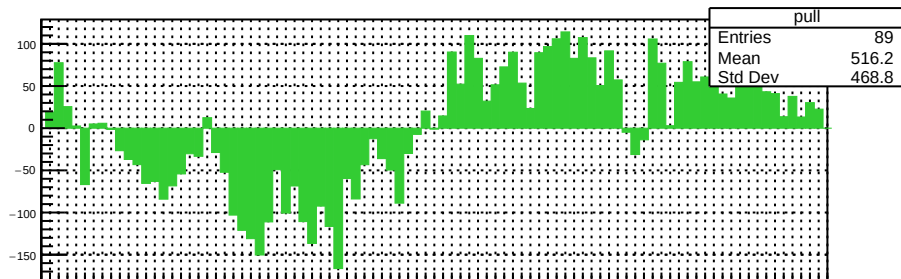
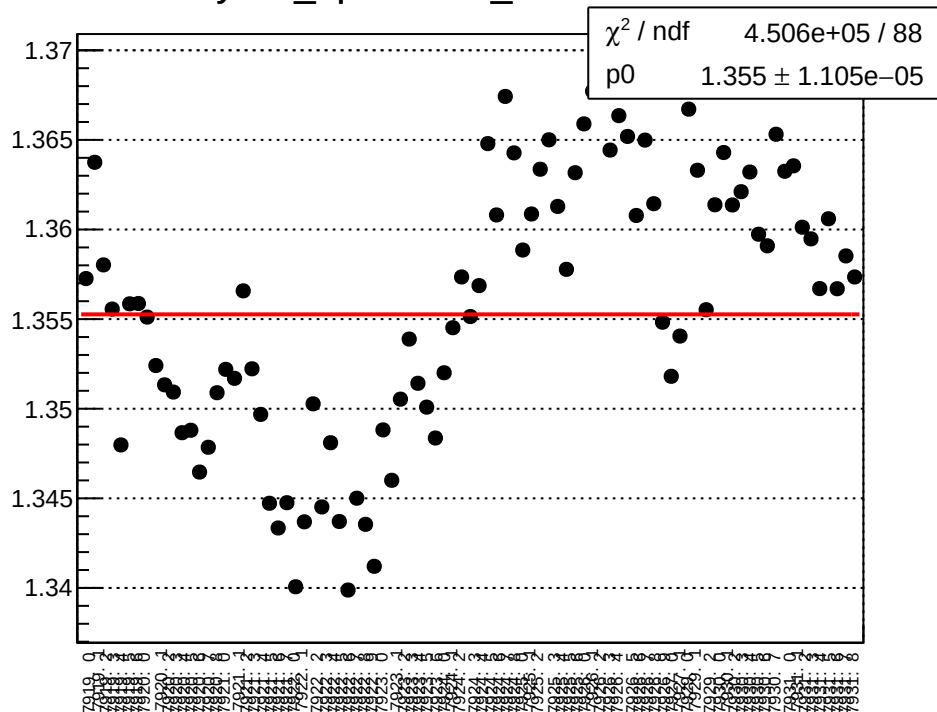
yield_bpm0r05X_mean vs run



yield_bpm0r05X_rms vs run



yield_bpm0r05Y_mean vs run



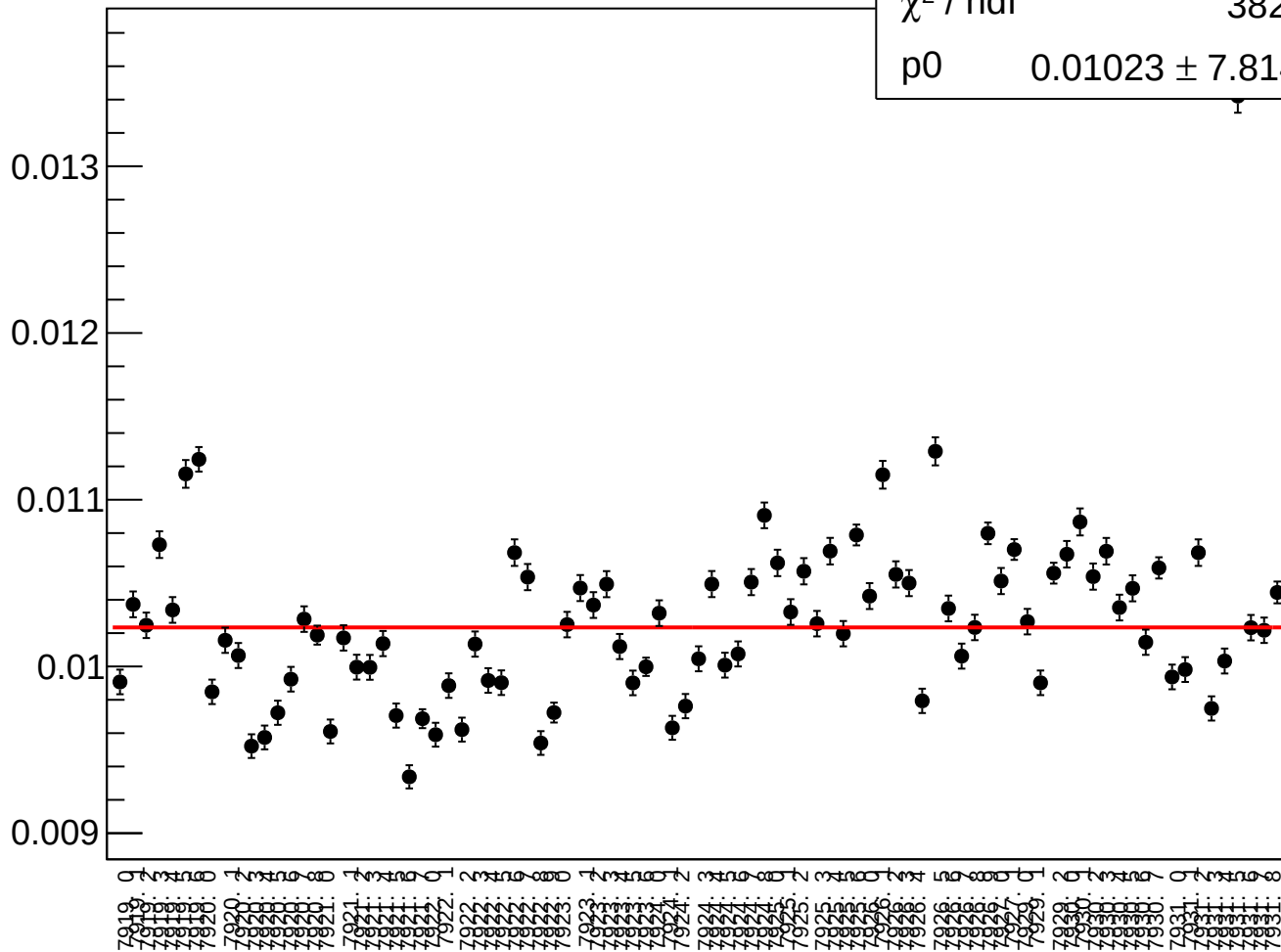
yield_bpm0r05Y_rms vs run

χ^2 / ndf

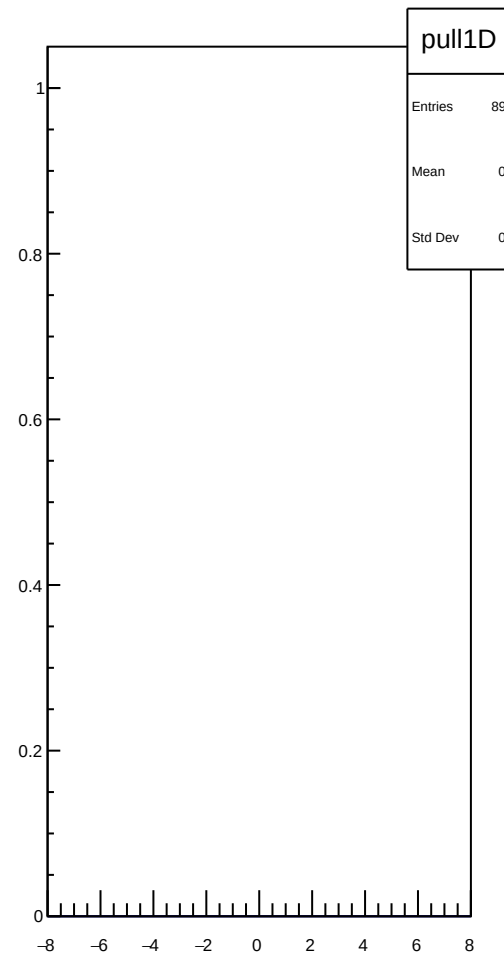
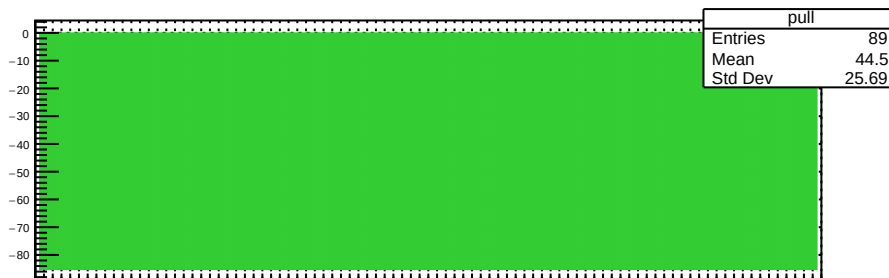
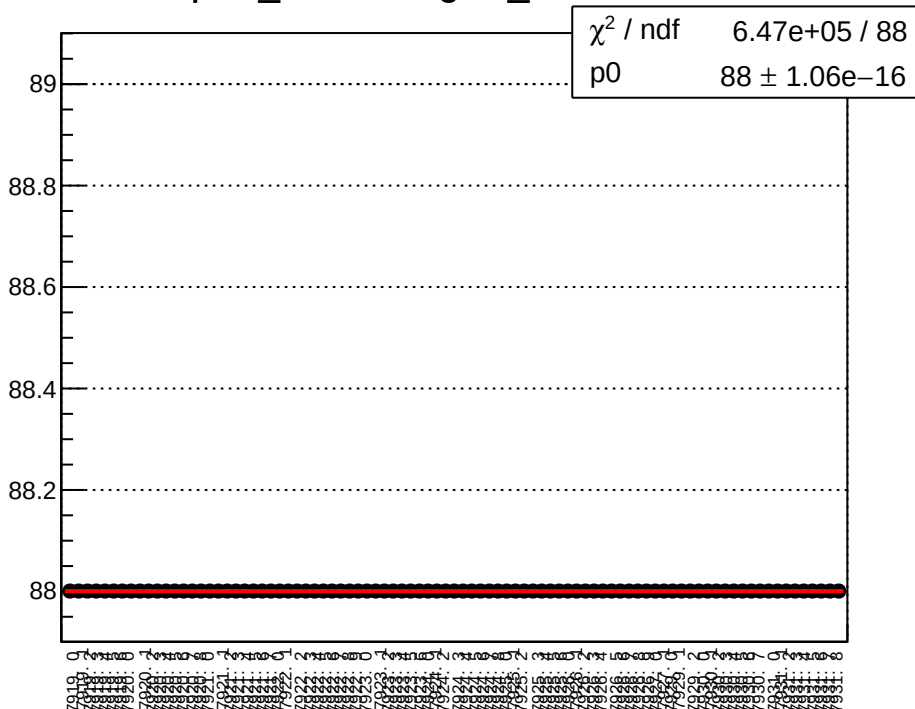
3827 / 88

p0

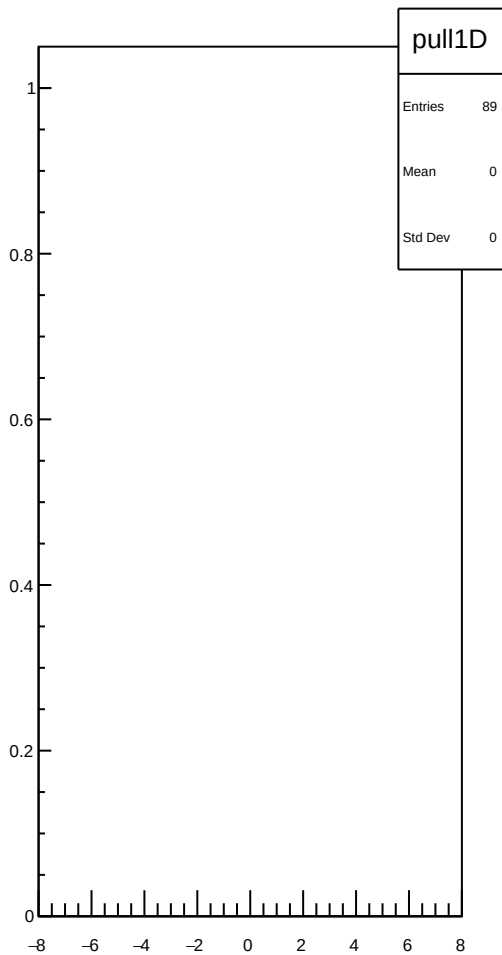
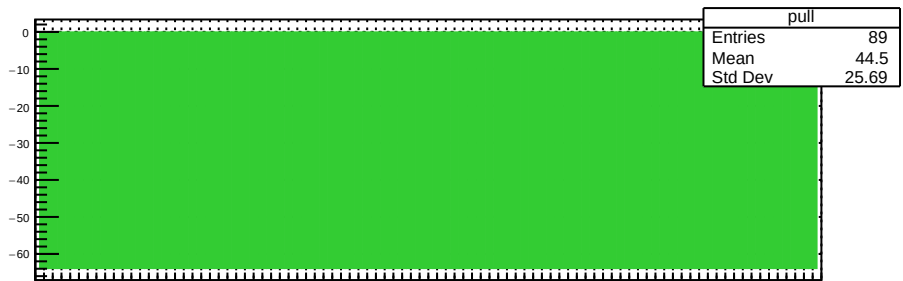
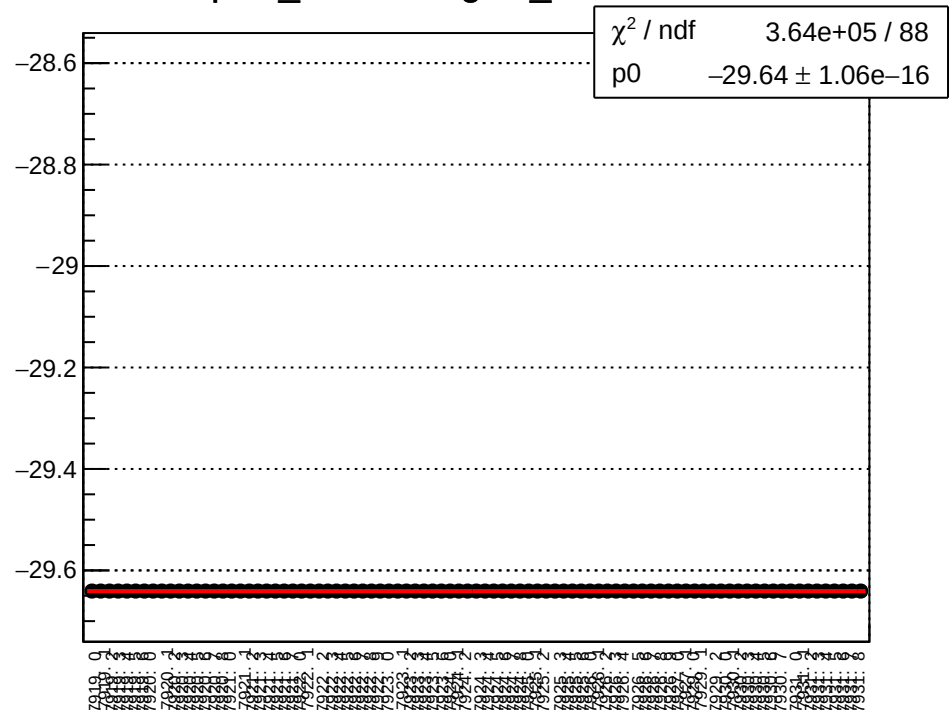
$0.01023 \pm 7.814\text{e-}06$



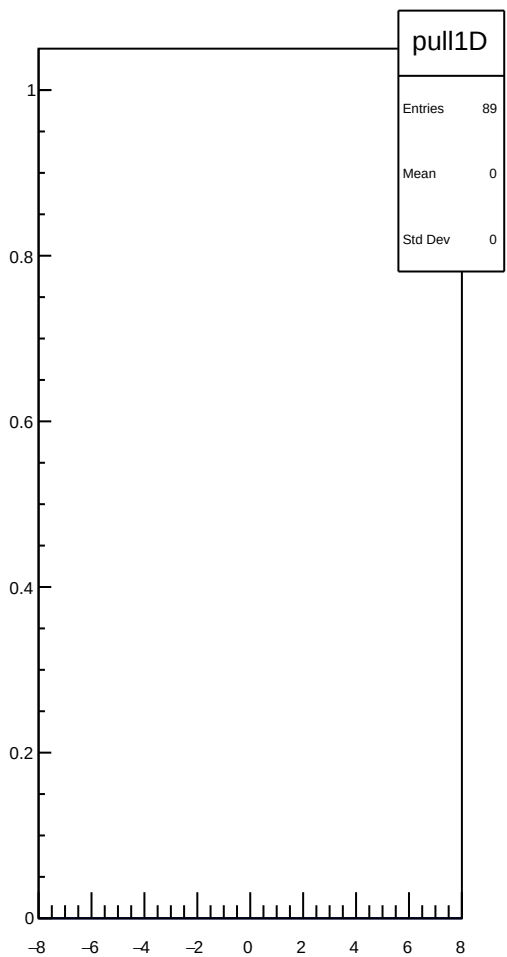
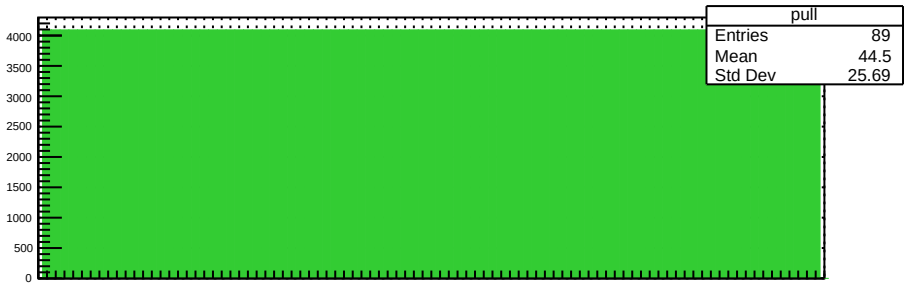
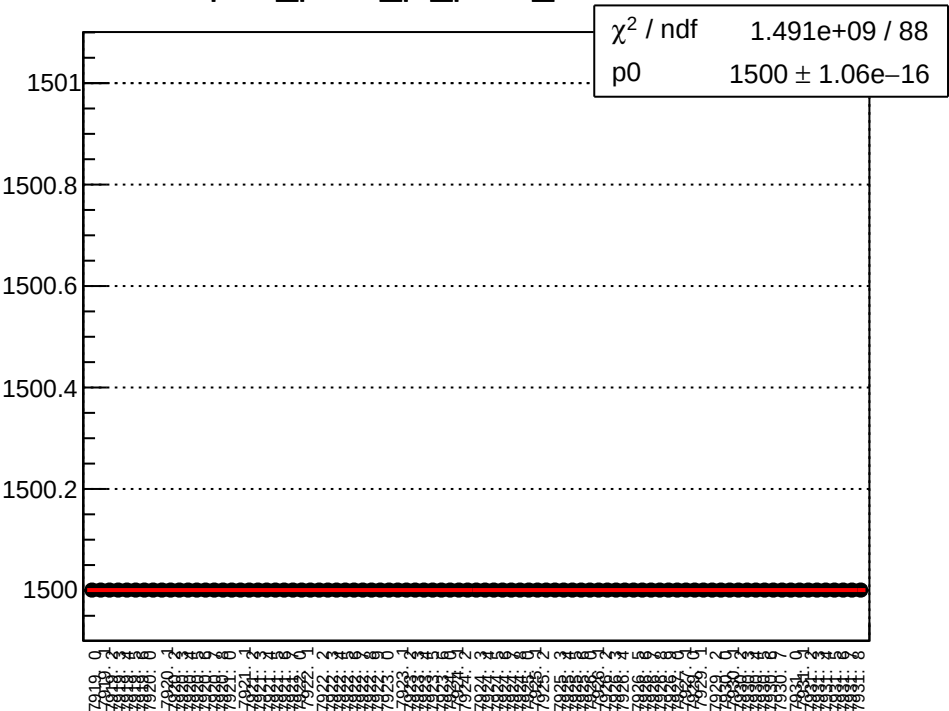
epics_VWienAngles_mean vs run



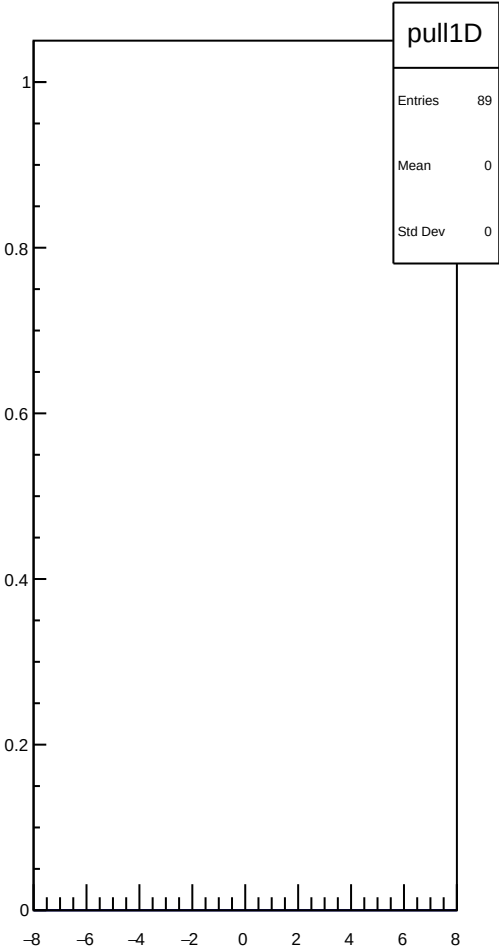
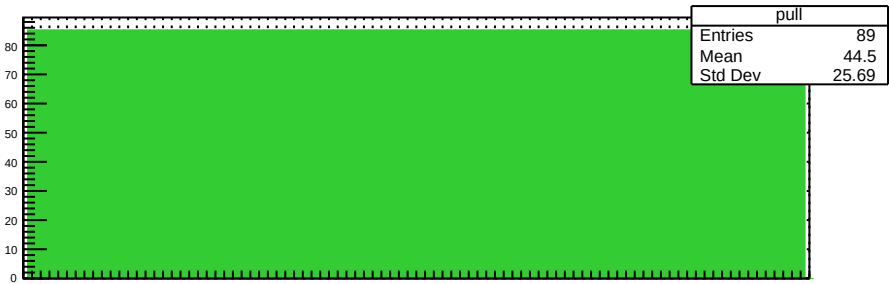
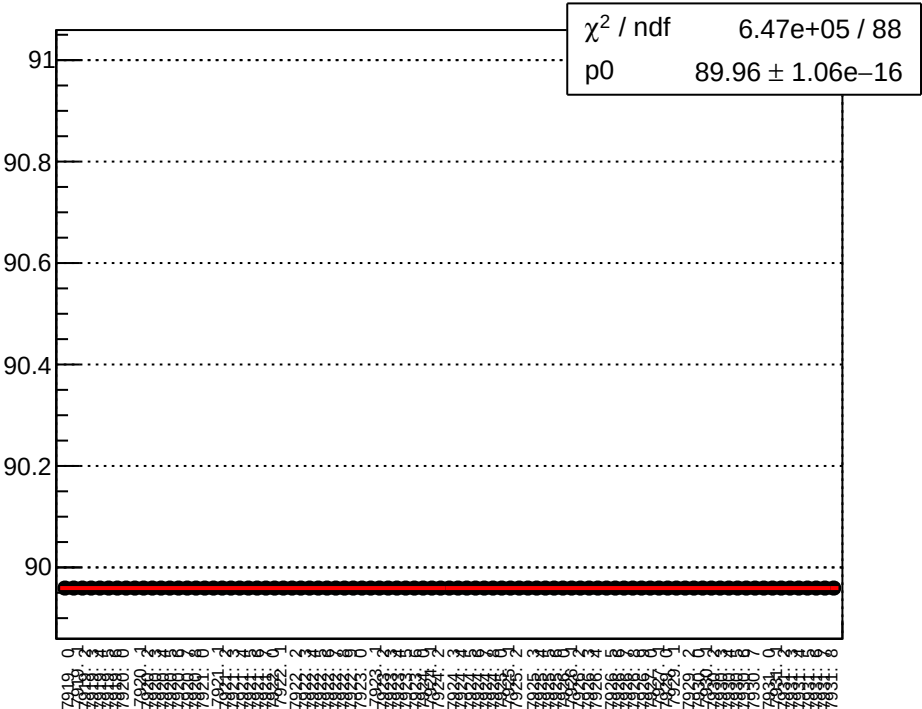
epics_HWienAngles_mean vs run



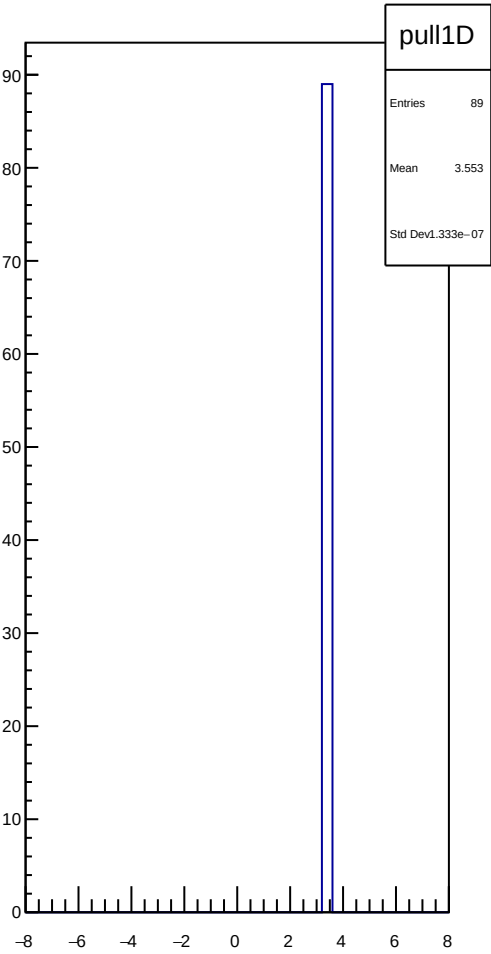
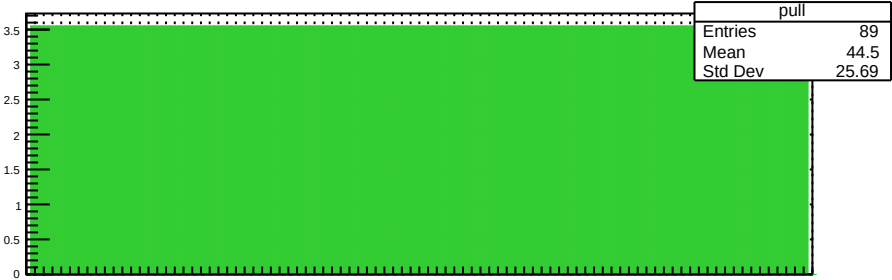
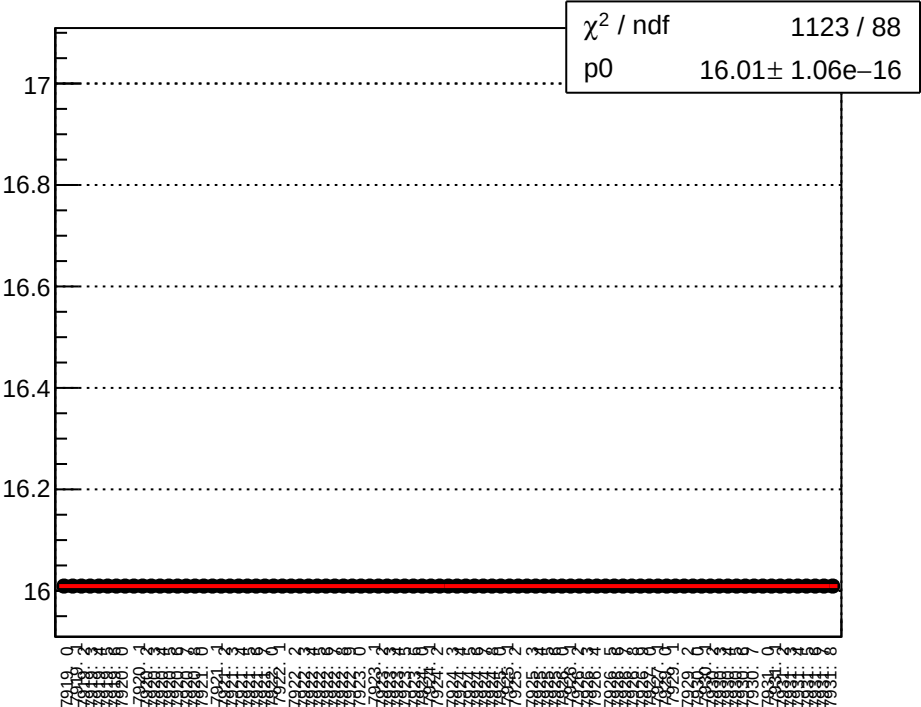
epics_psub_pl_poss_mean vs run



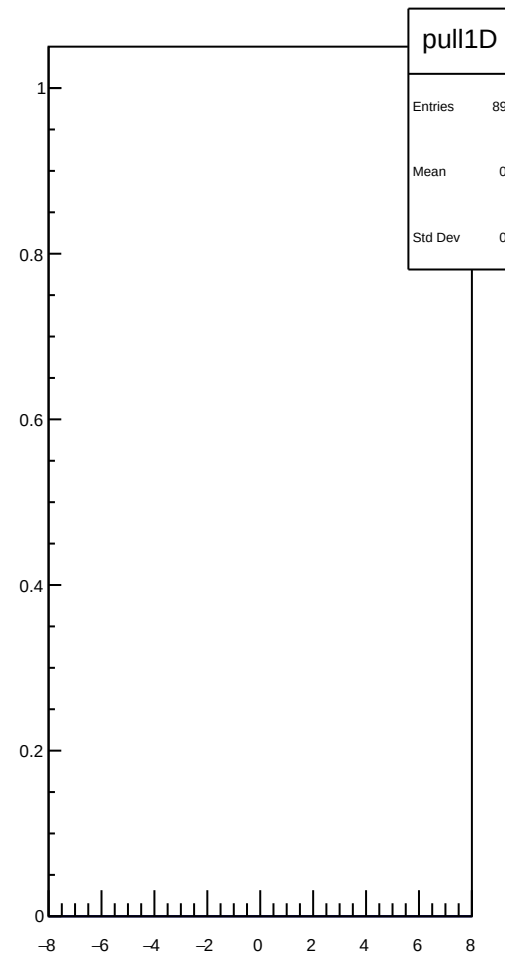
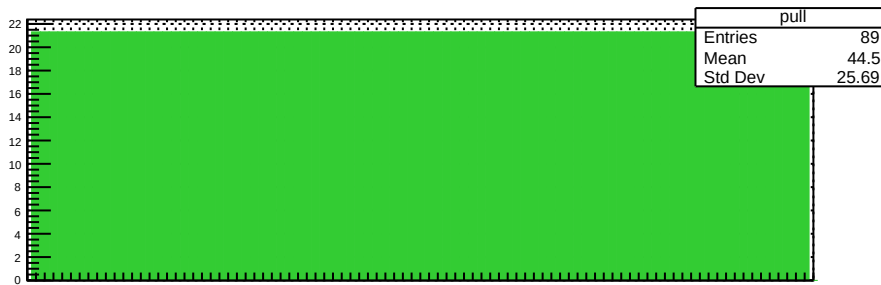
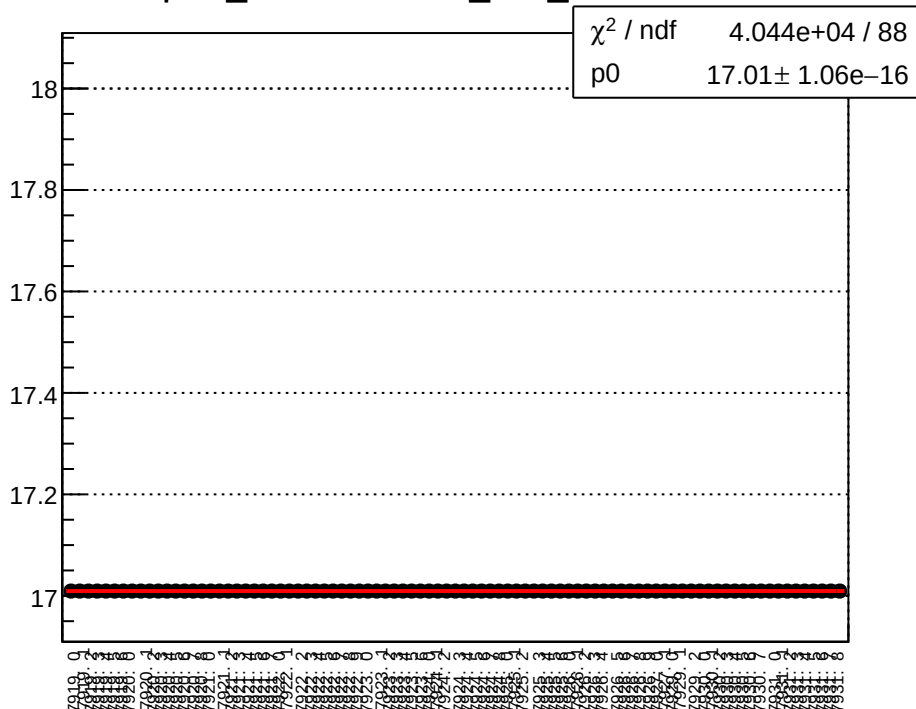
epics_Phi_FGs_mean vs run



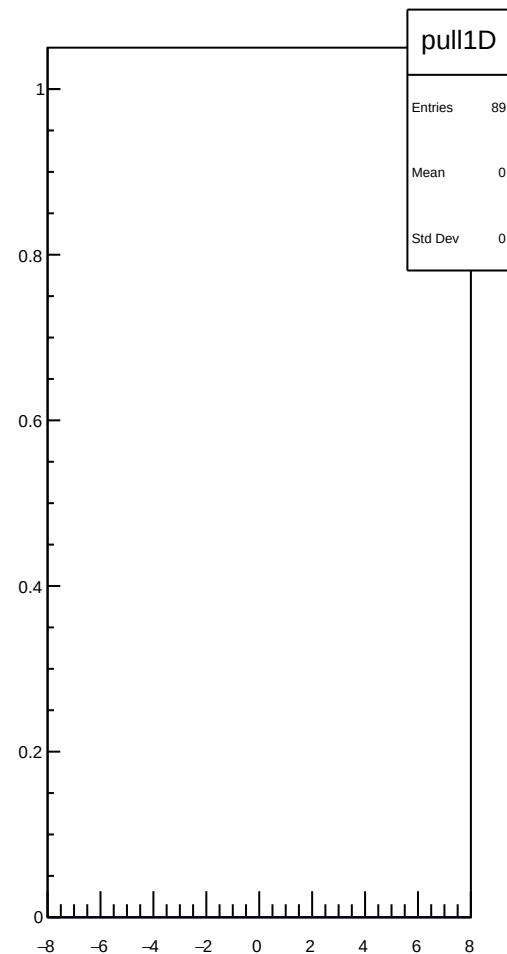
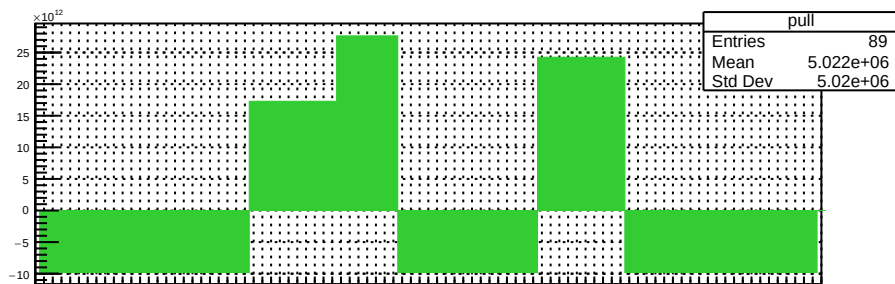
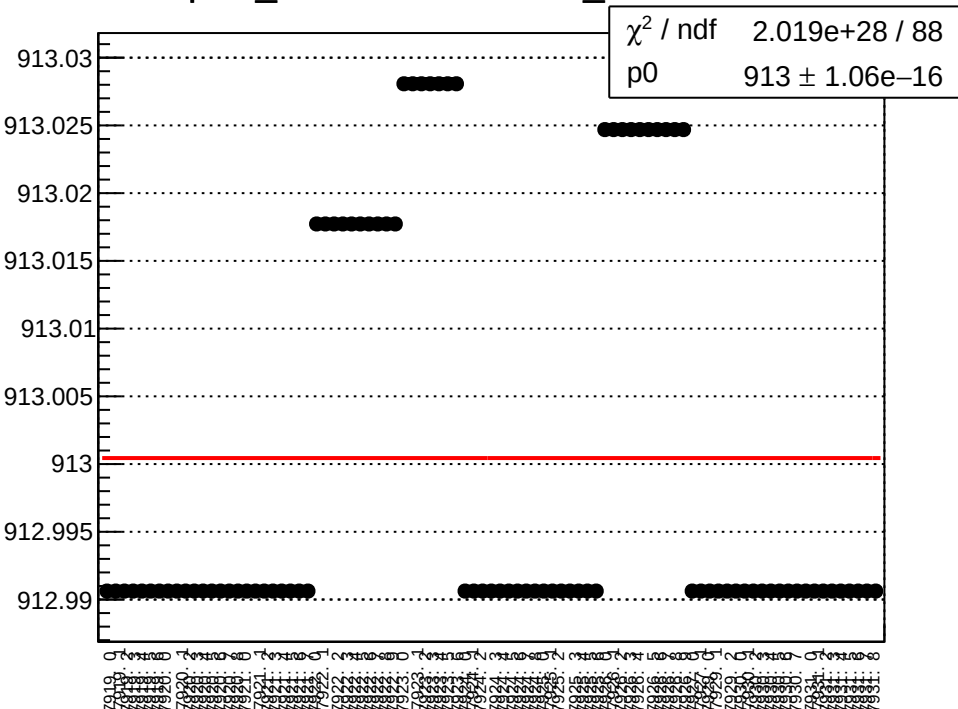
epics_IGL1I00DI24_24Ms_mean vs run



epics_IGL1I00OD16_16s_mean vs run



epics_RTPAPOSUCNTs_mean vs run



epics_RTPAPOSVCNTs_mean vs run

