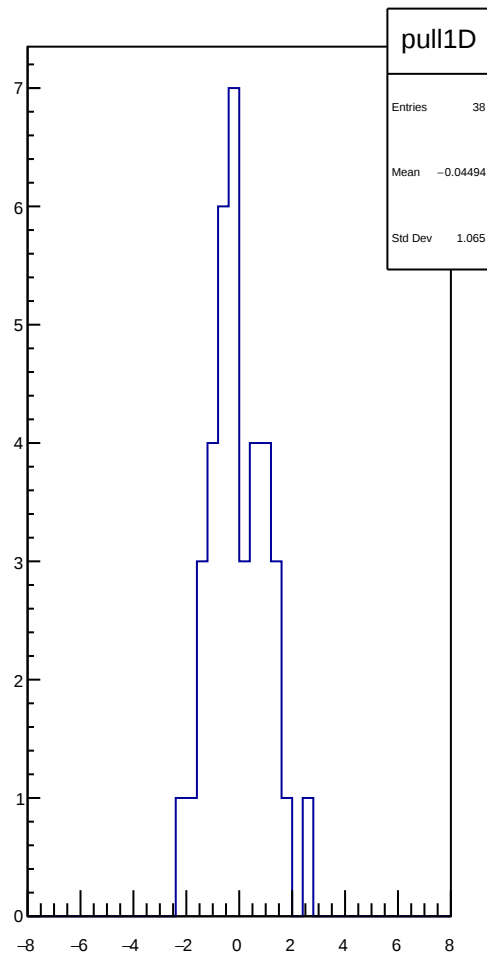
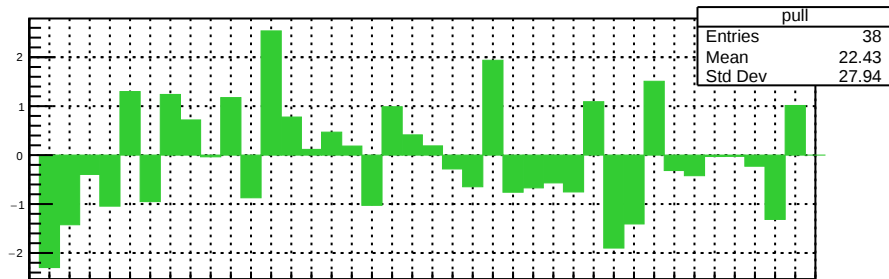
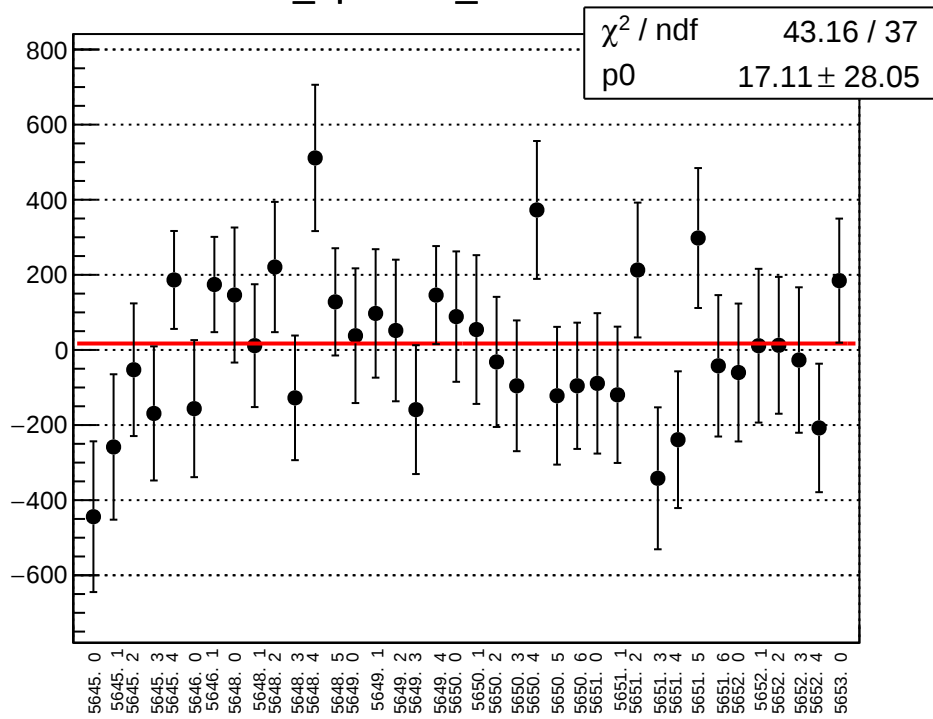
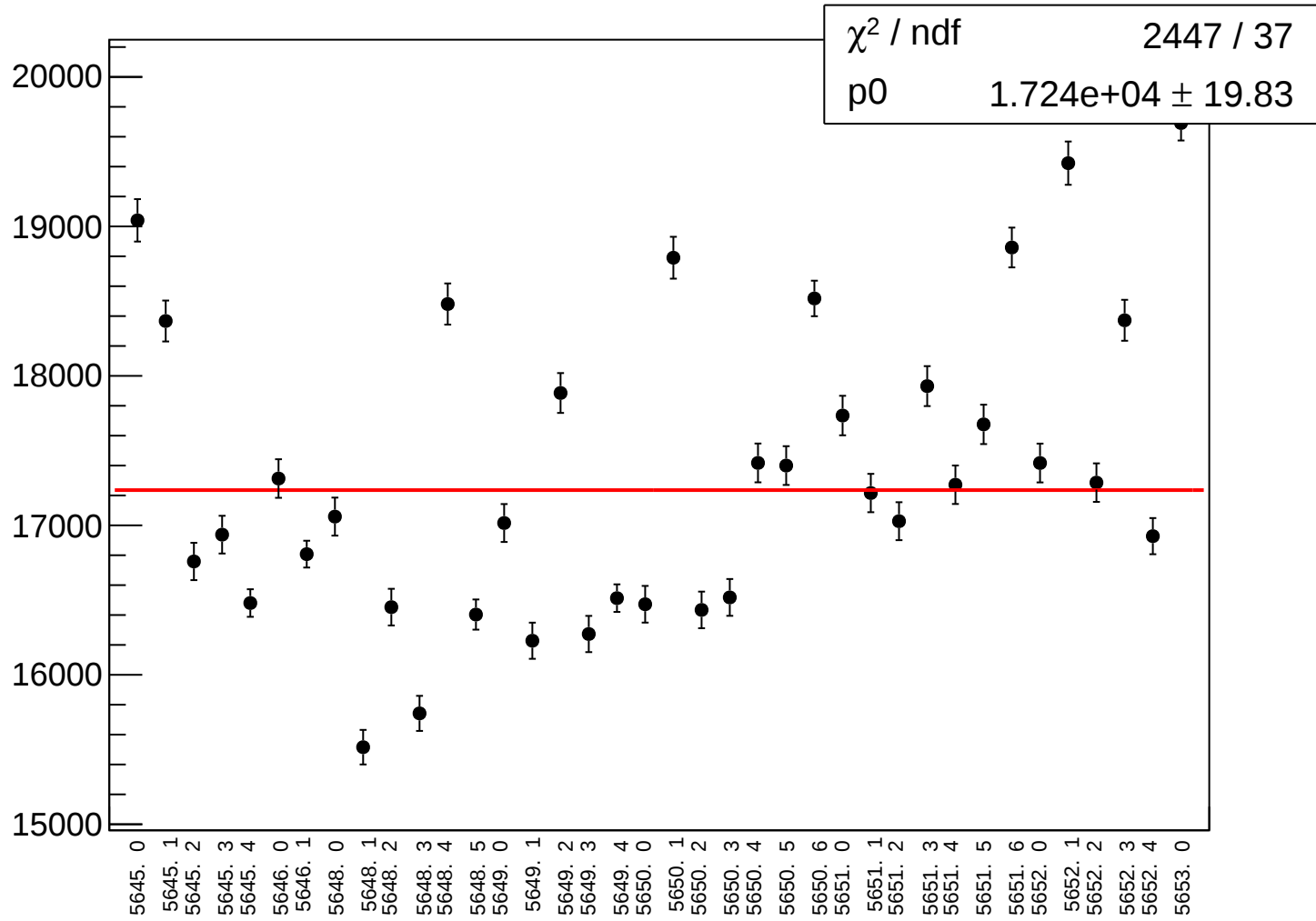


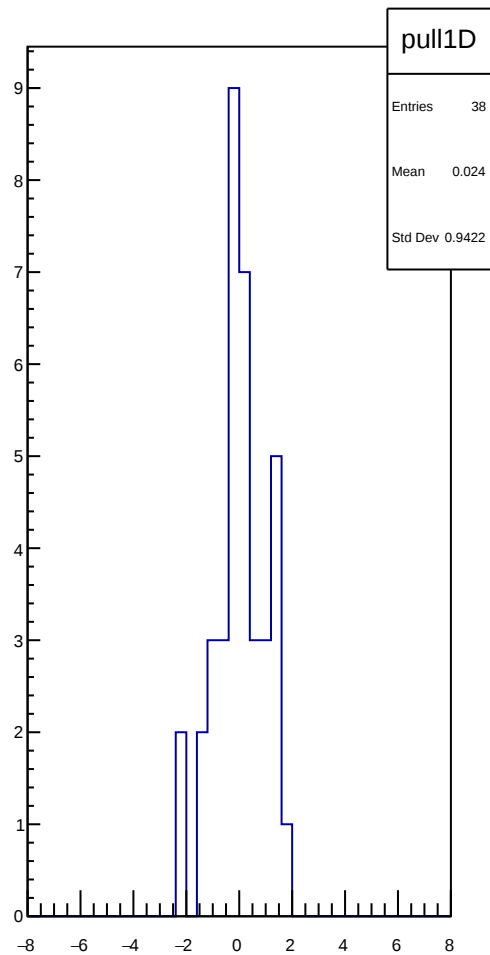
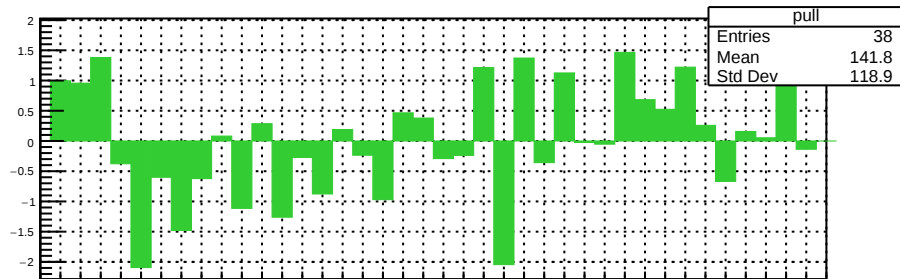
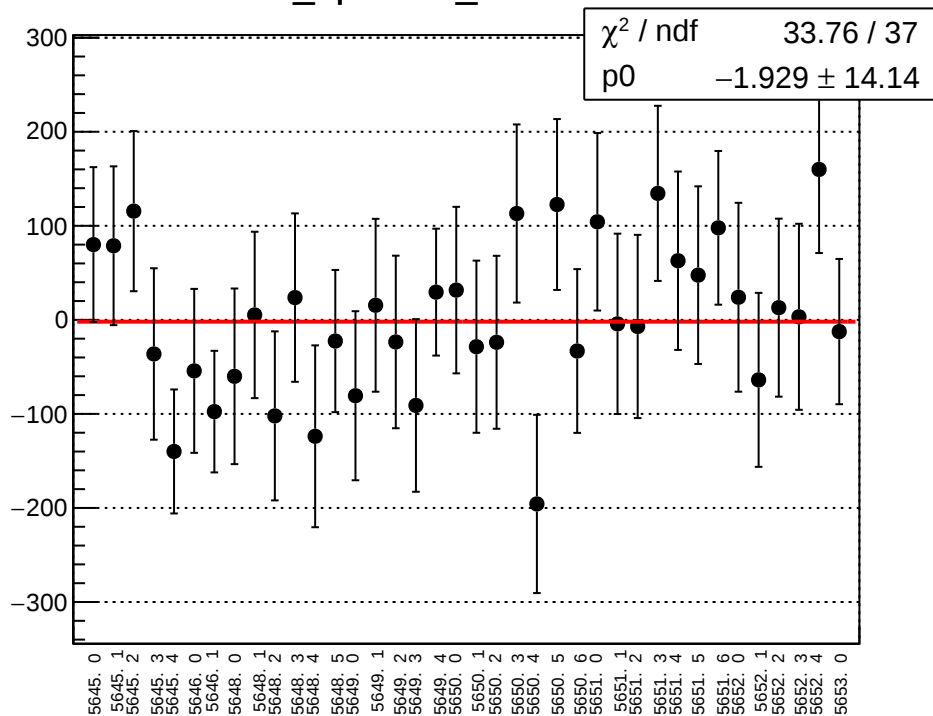
diff_bpm4aX_mean vs un



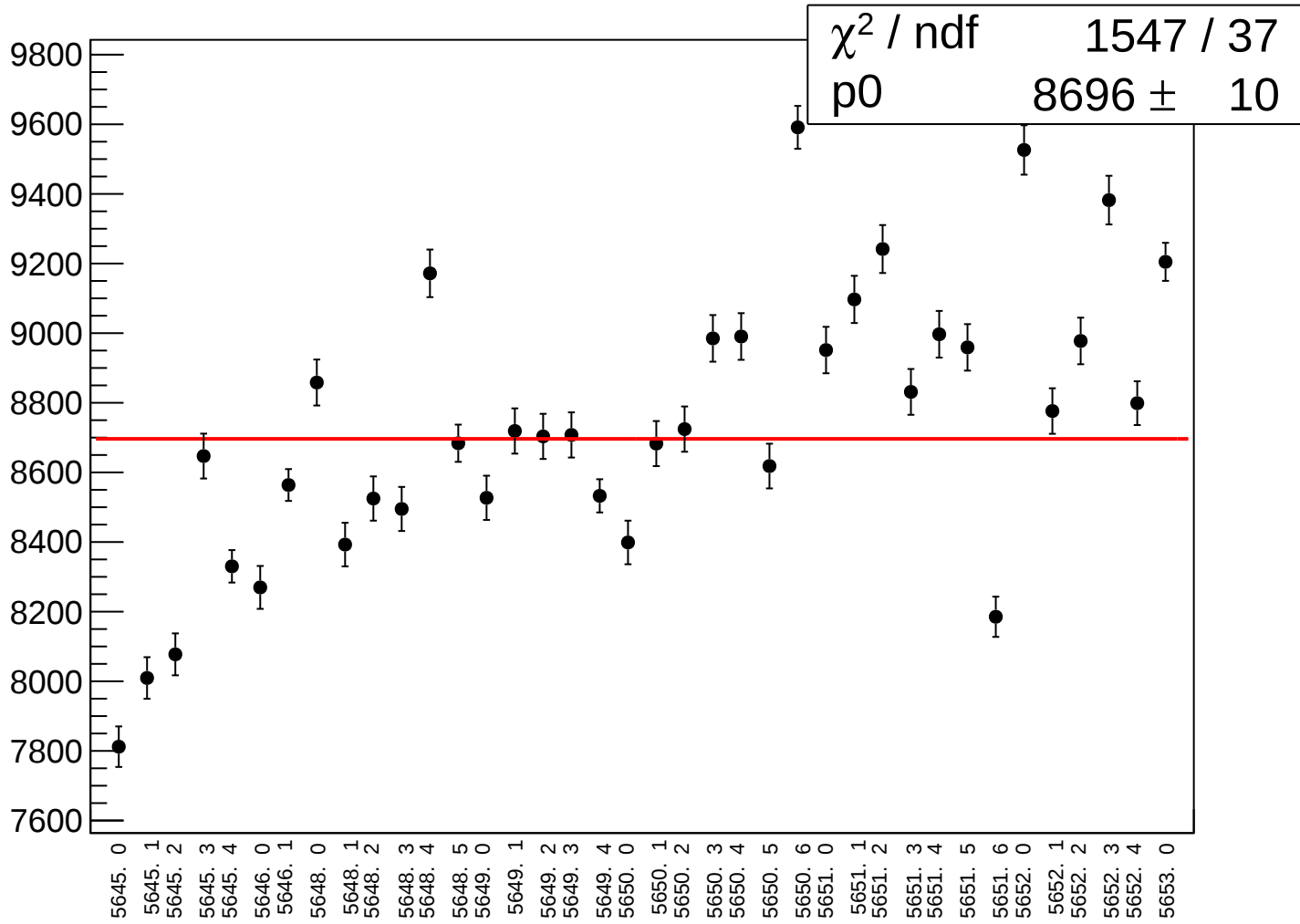
diff_bpm4aX_rms vs run



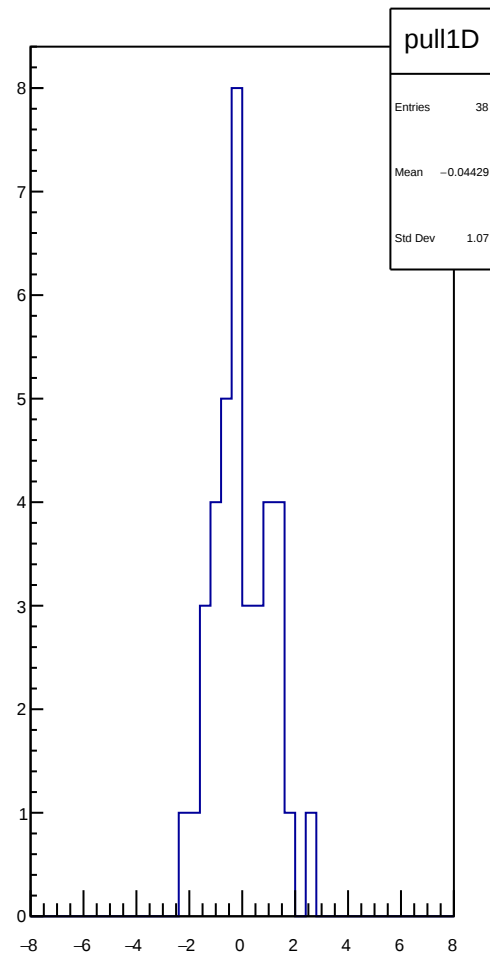
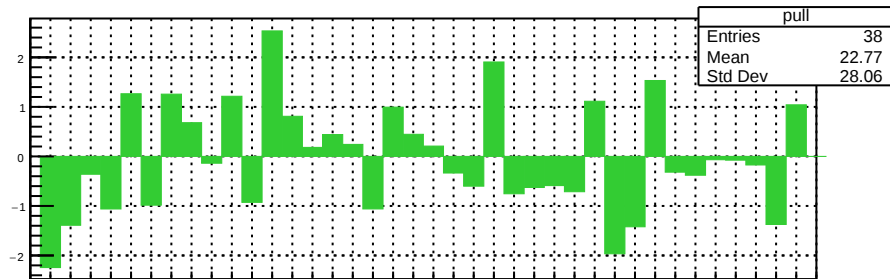
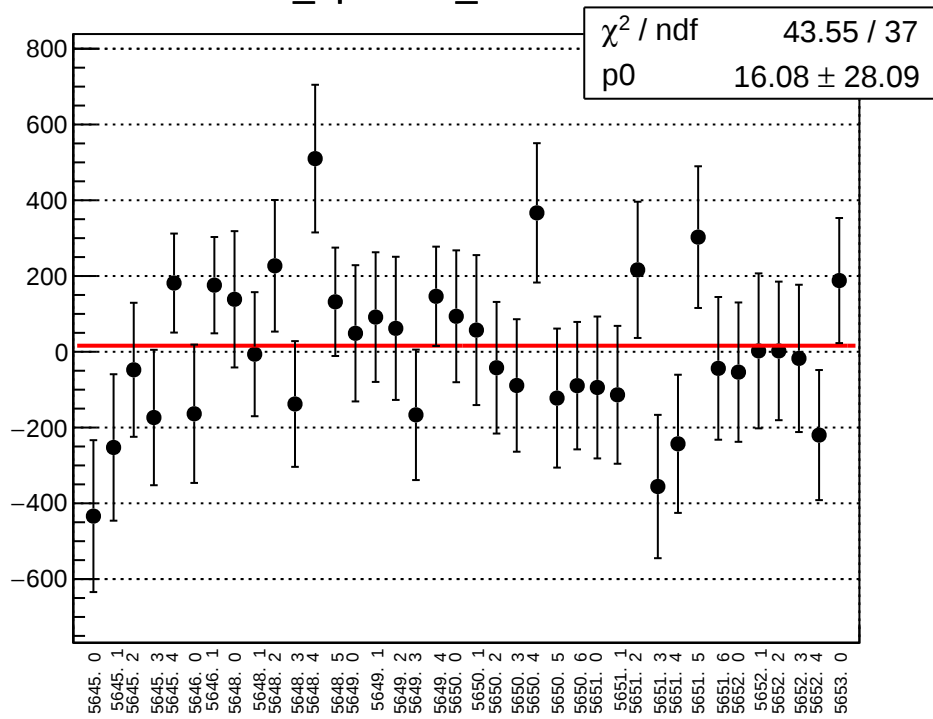
diff_bpm4aY_mean vs run



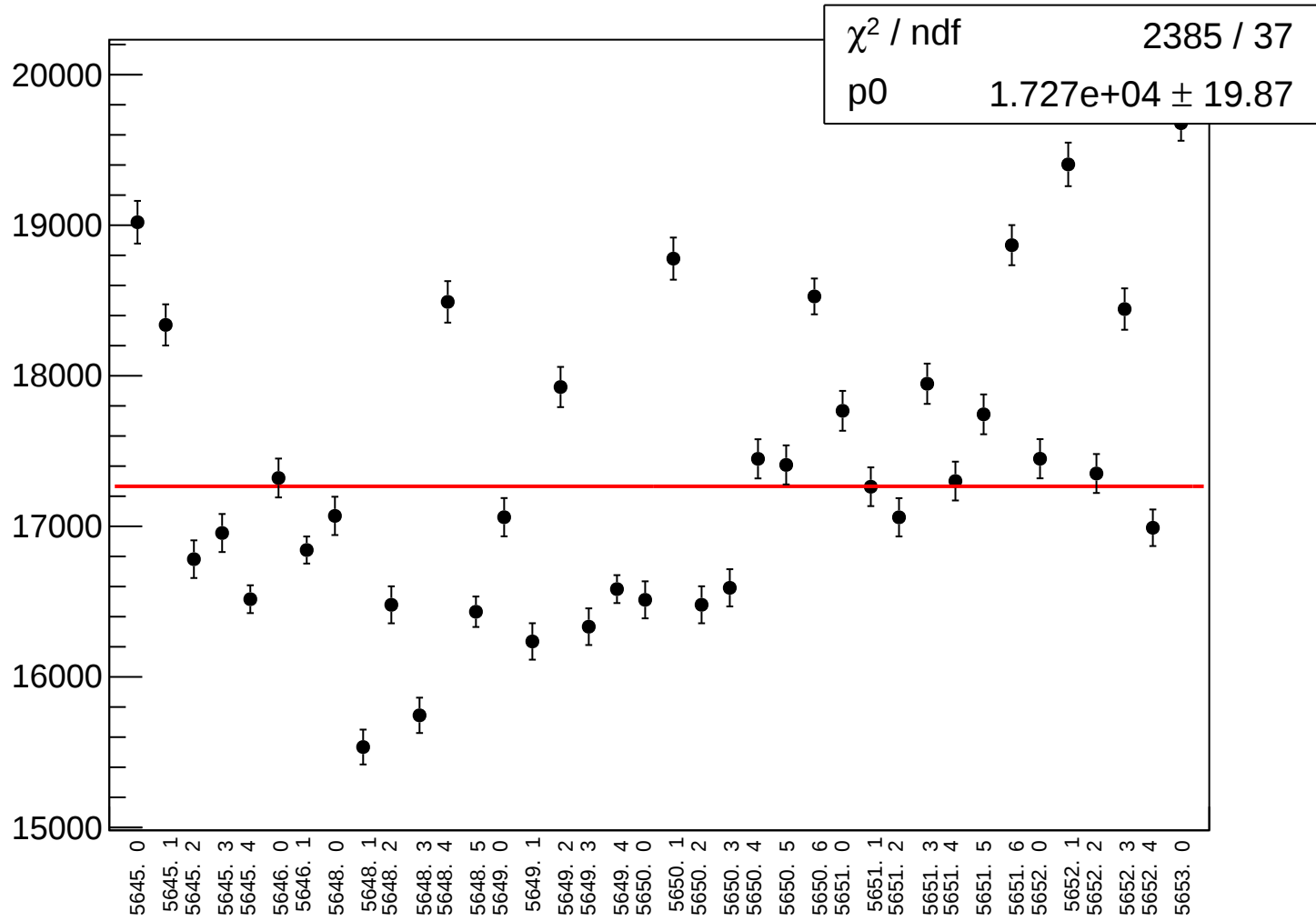
diff_bpm4aY_rms vs run



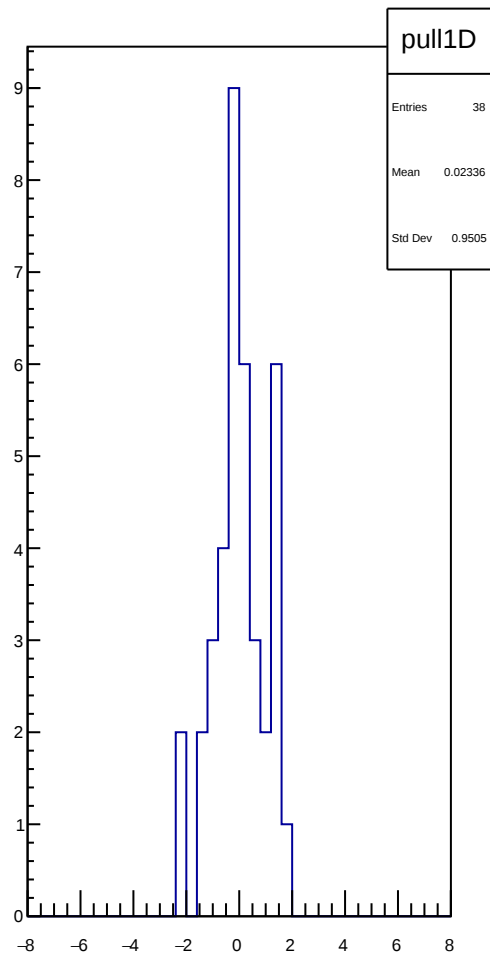
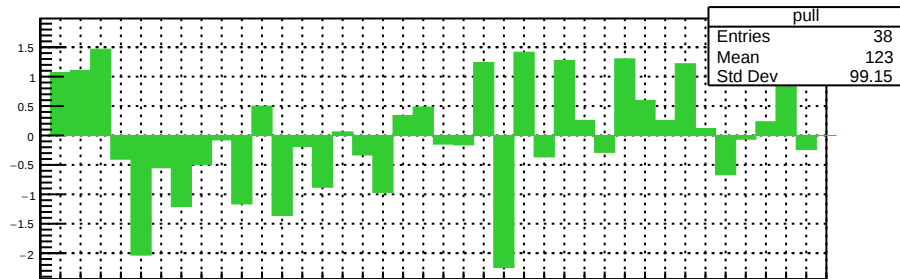
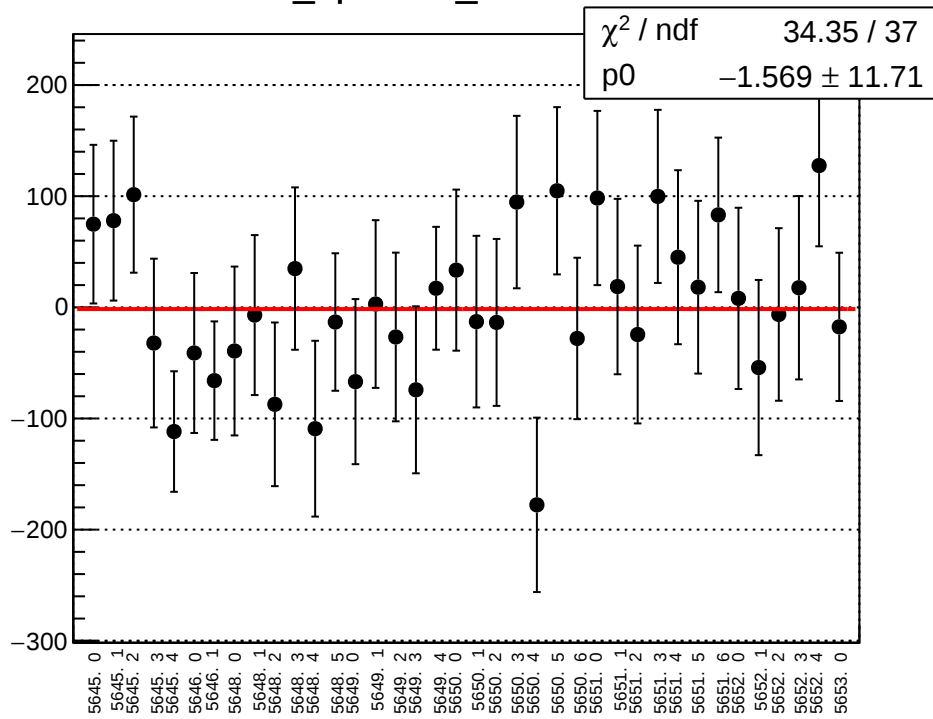
diff_bpm4eX_mean vs un



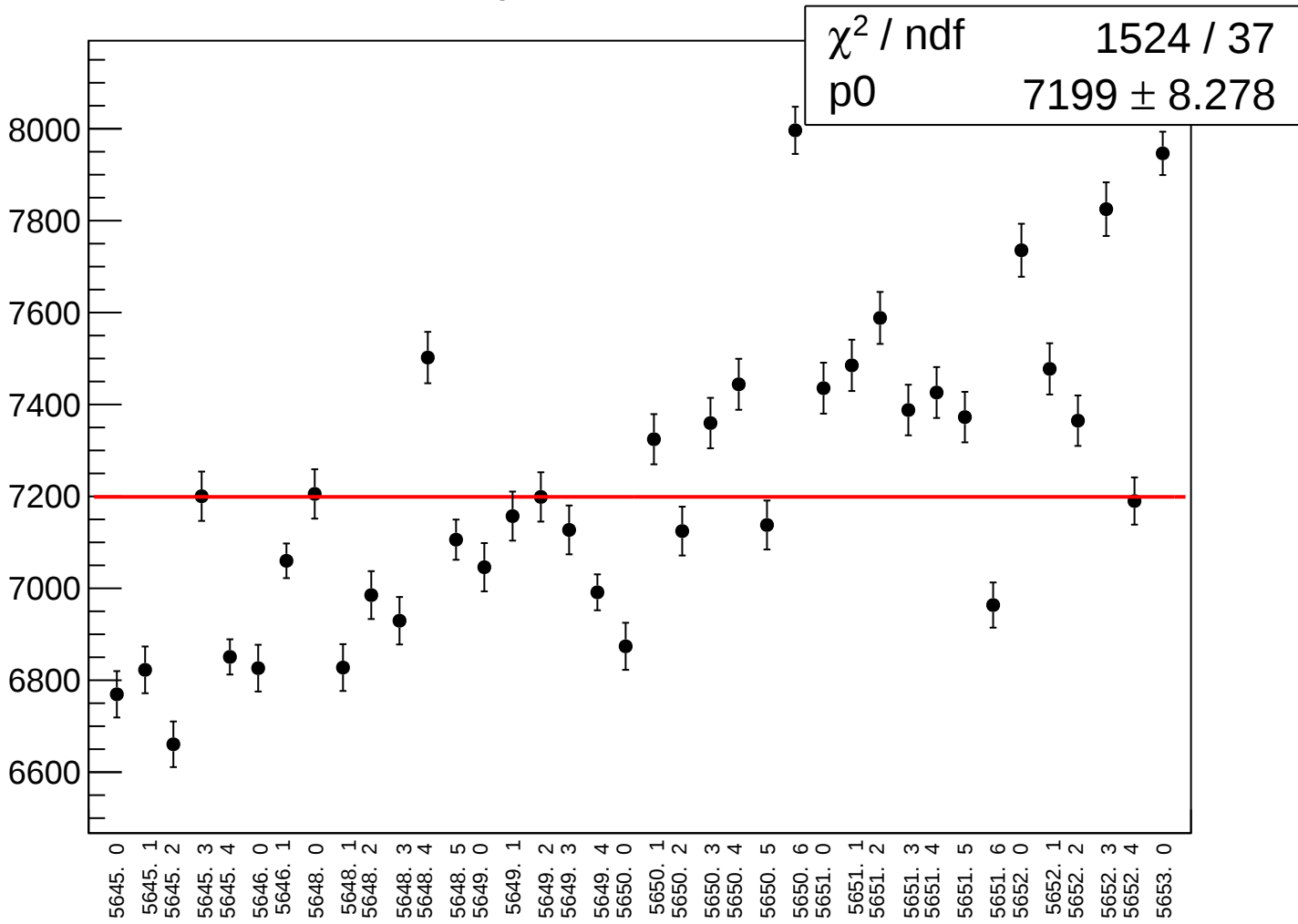
diff_bpm4eX_rms vs run



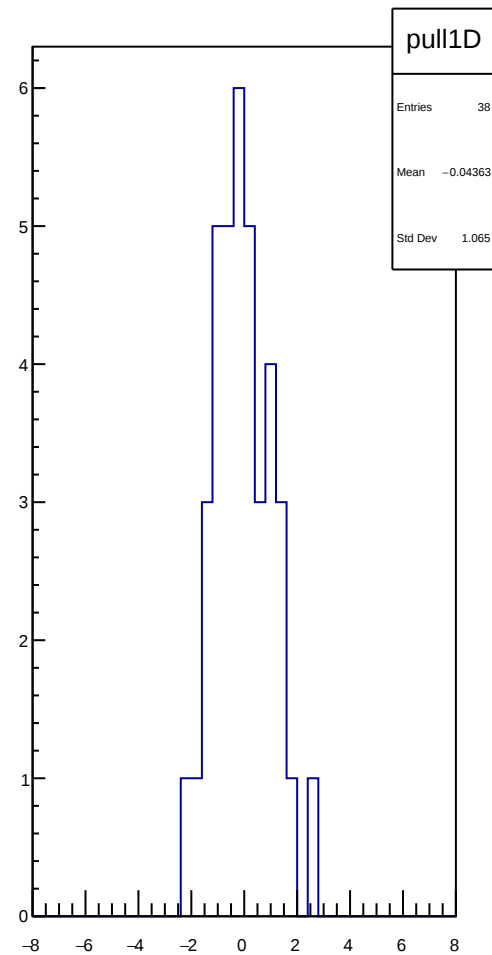
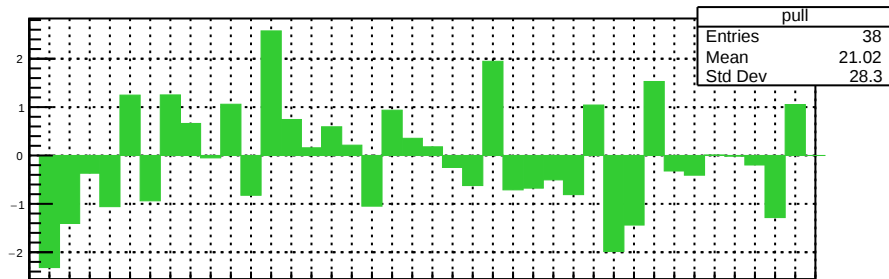
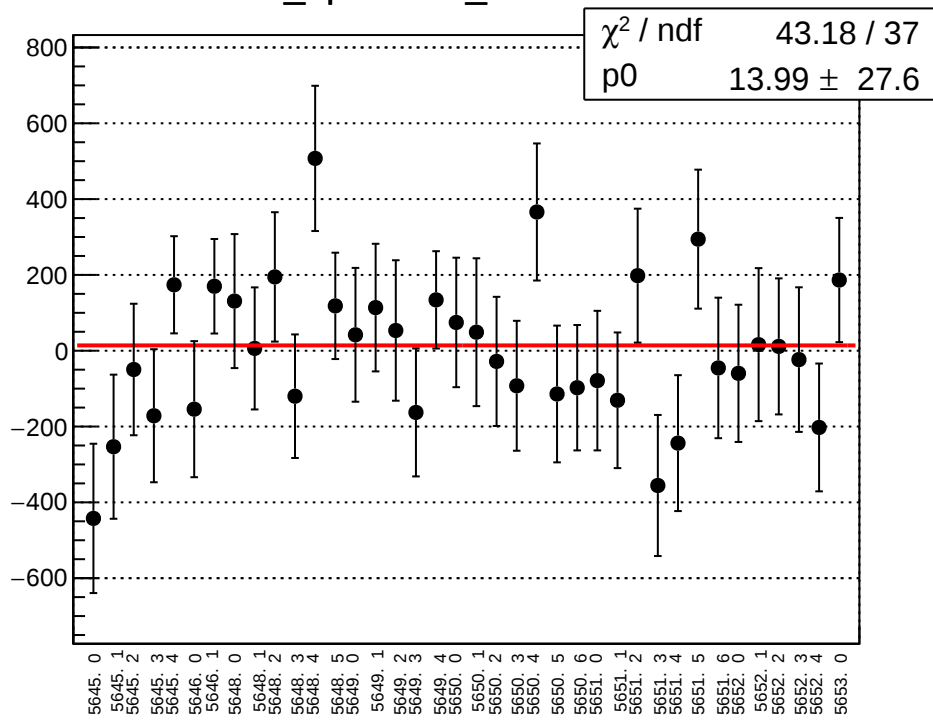
diff_bpm4eY_mean vs run



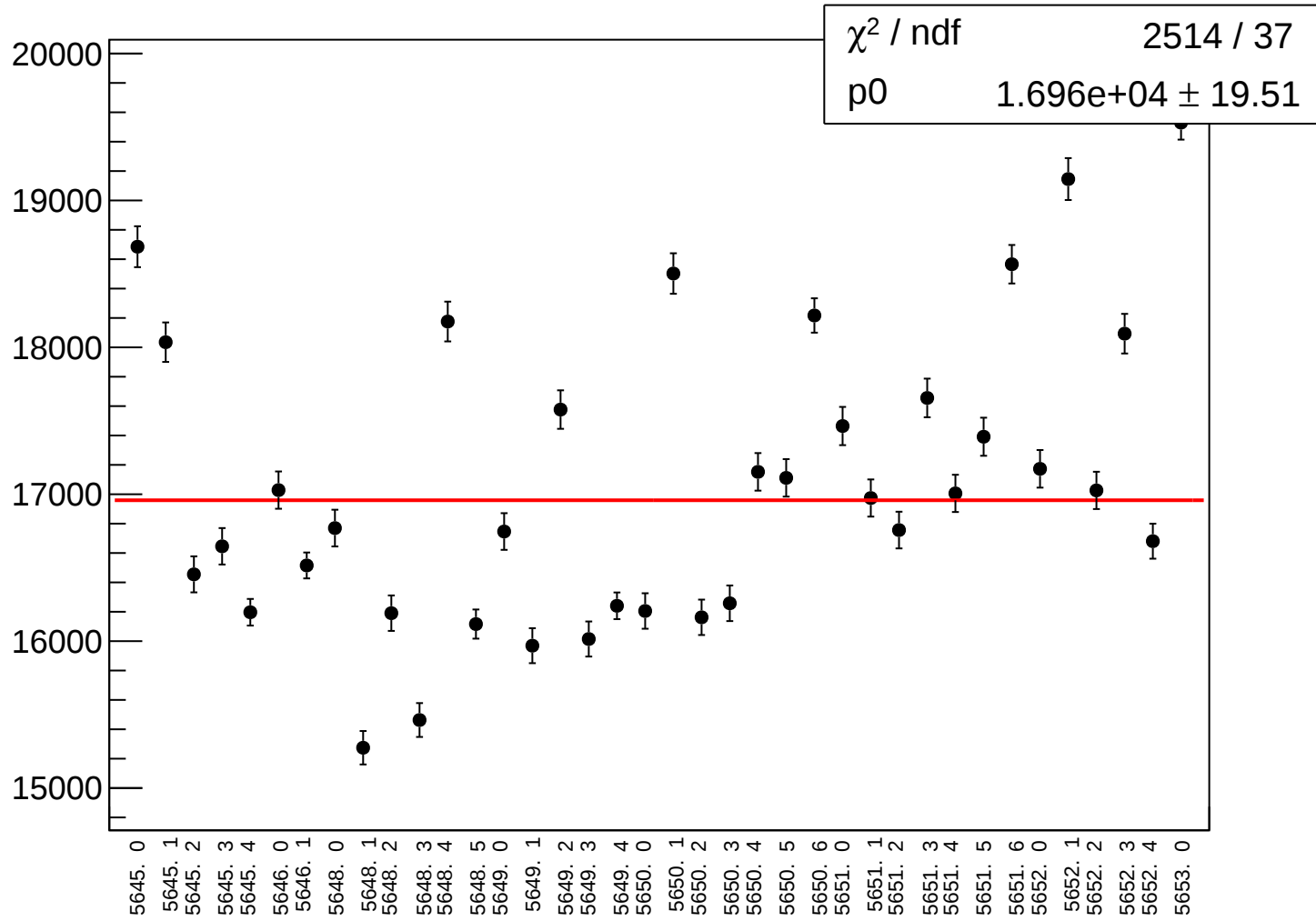
diff_bpm4eY_rms vs run



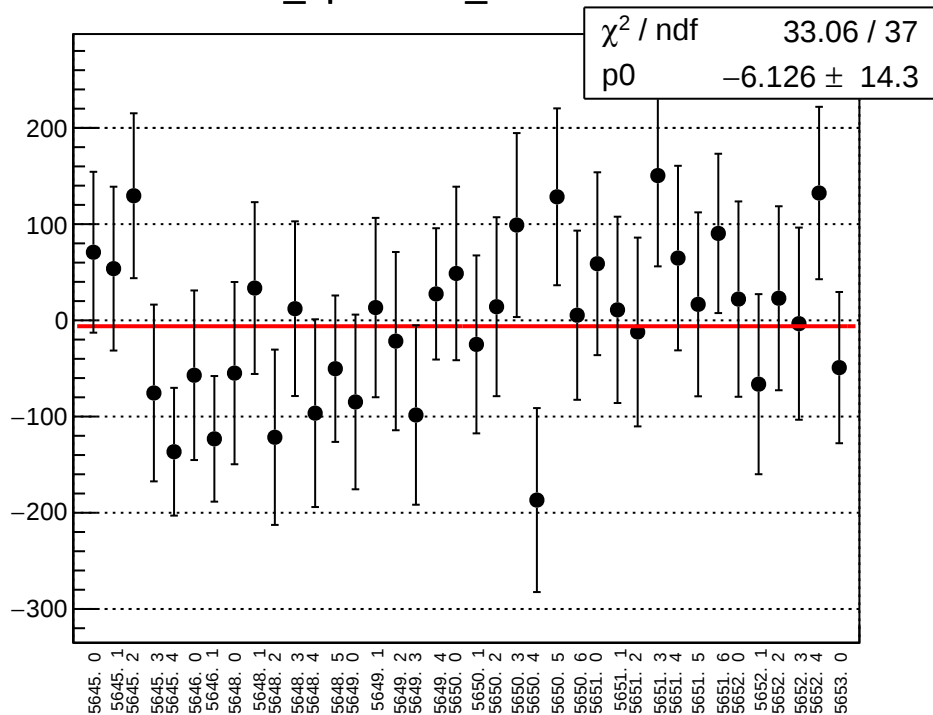
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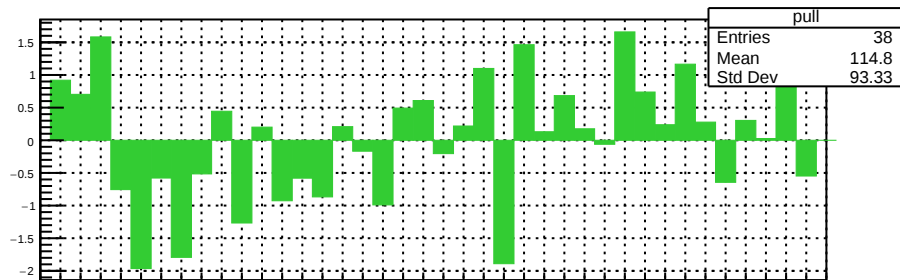
diff_bpm4acX_rms vs run



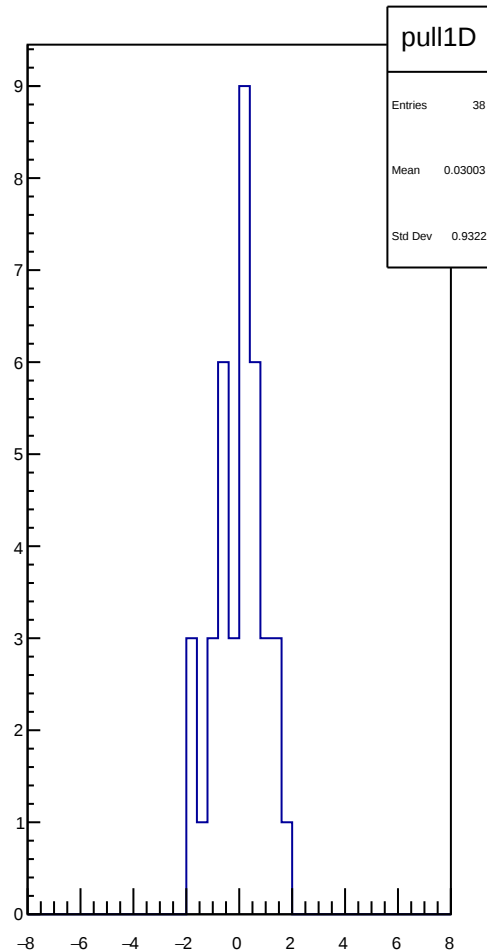
diff_bpm4acY_mean vs run



χ^2 / ndf 33.06 / 37
p0 -6.126 ± 14.3

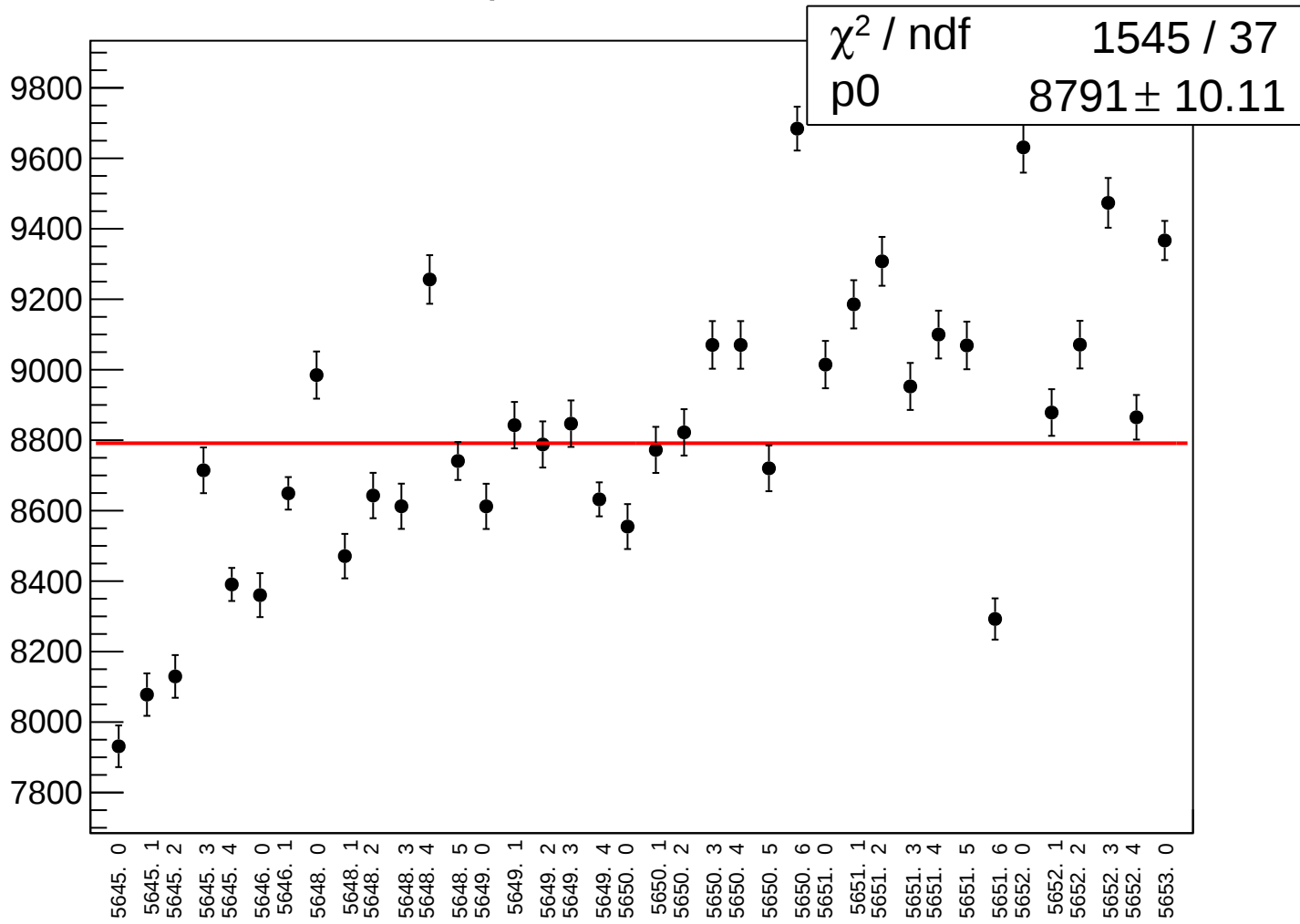


pull
Entries 38
Mean 114.8
Std Dev 93.33

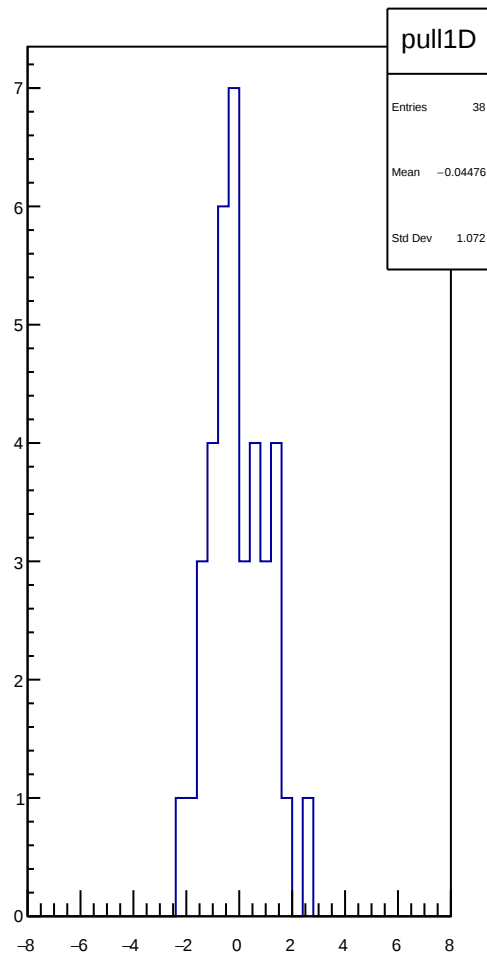
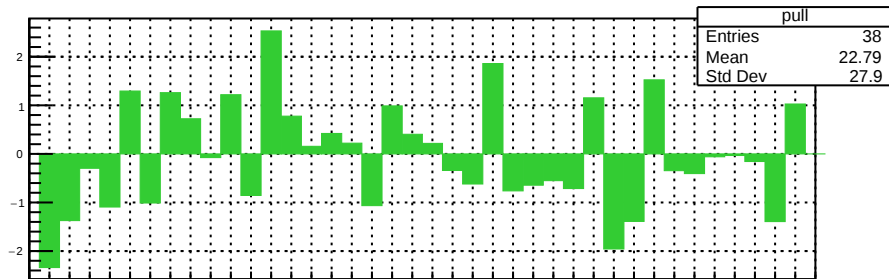
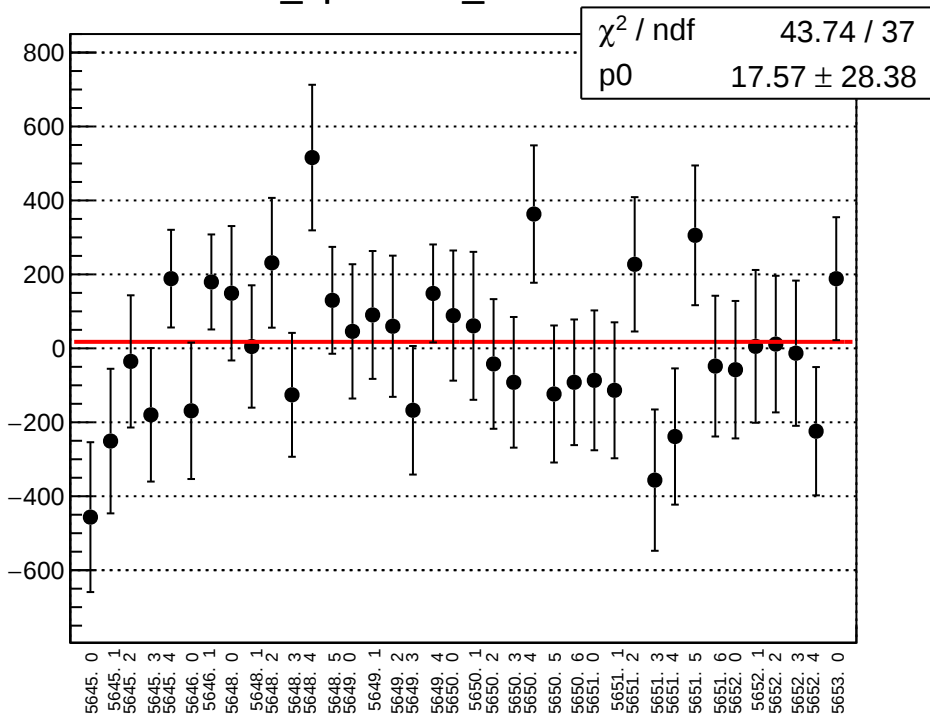


pull1D
Entries 38
Mean 0.03003
Std Dev 0.9322

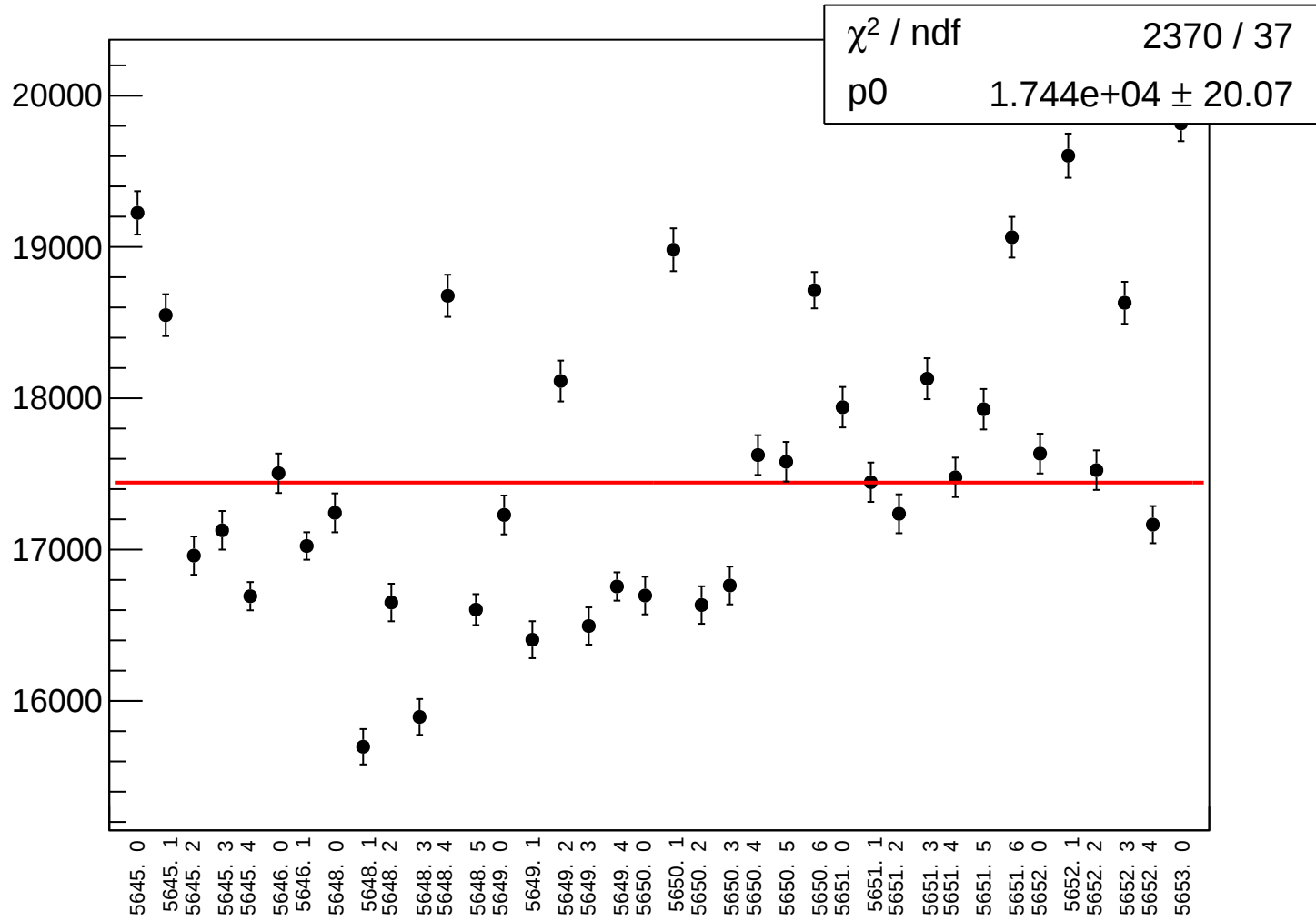
diff_bpm4acY_rms vs run



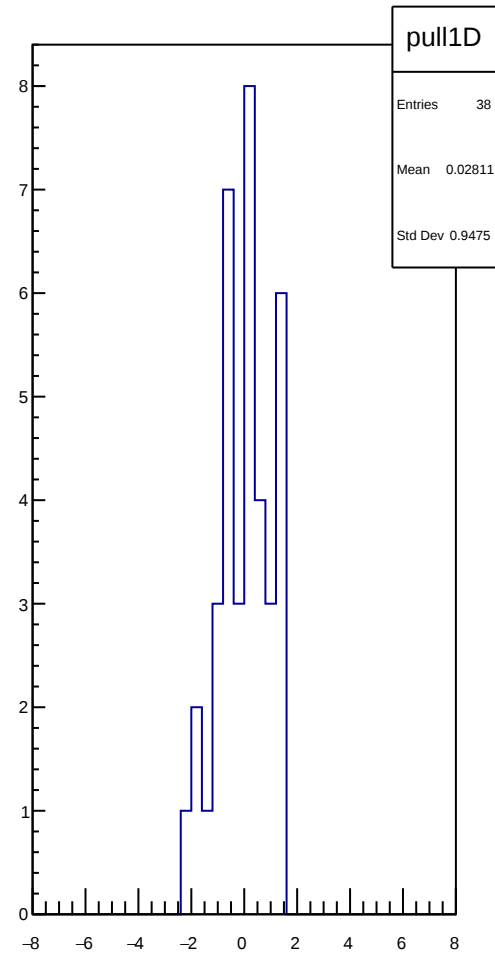
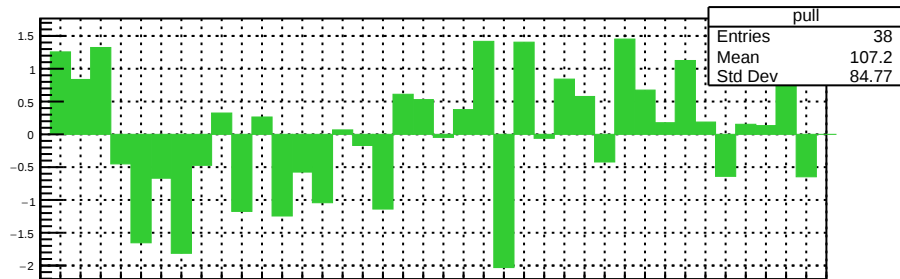
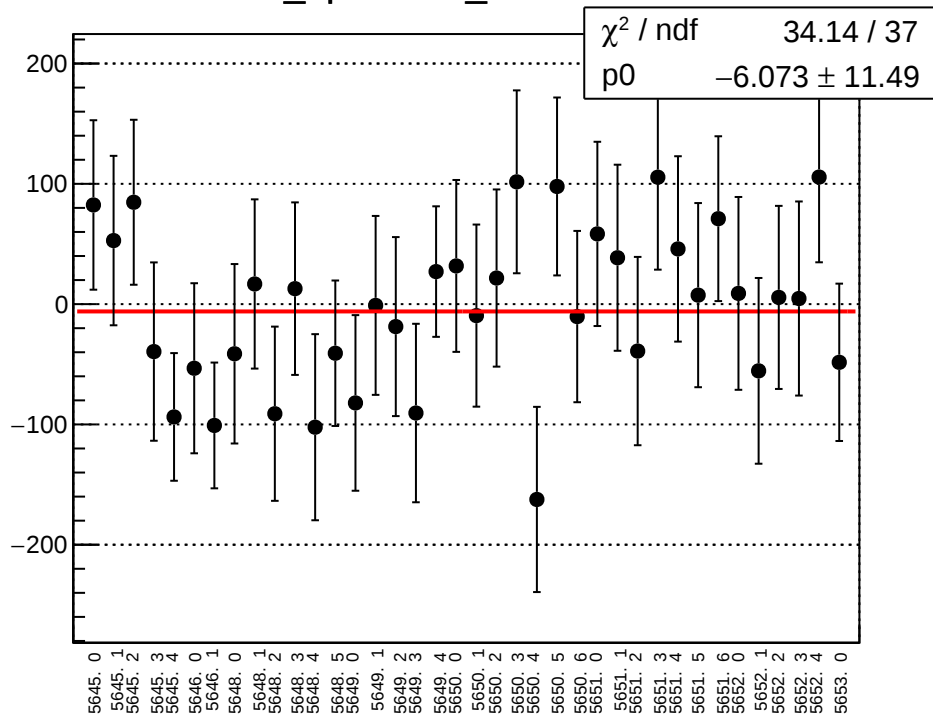
diff_bpm4ecX_mean vs run



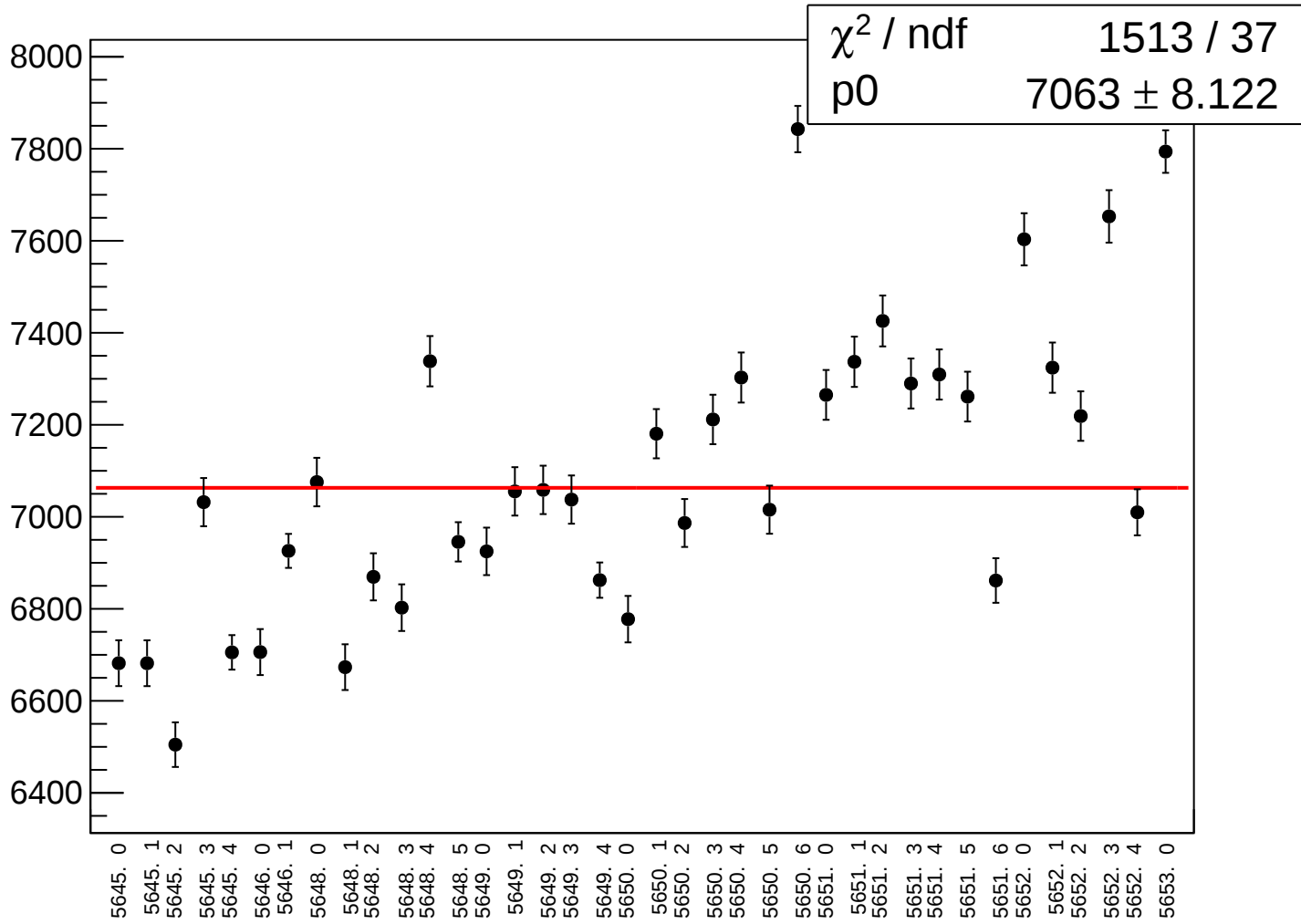
diff_bpm4ecX_rms vs run



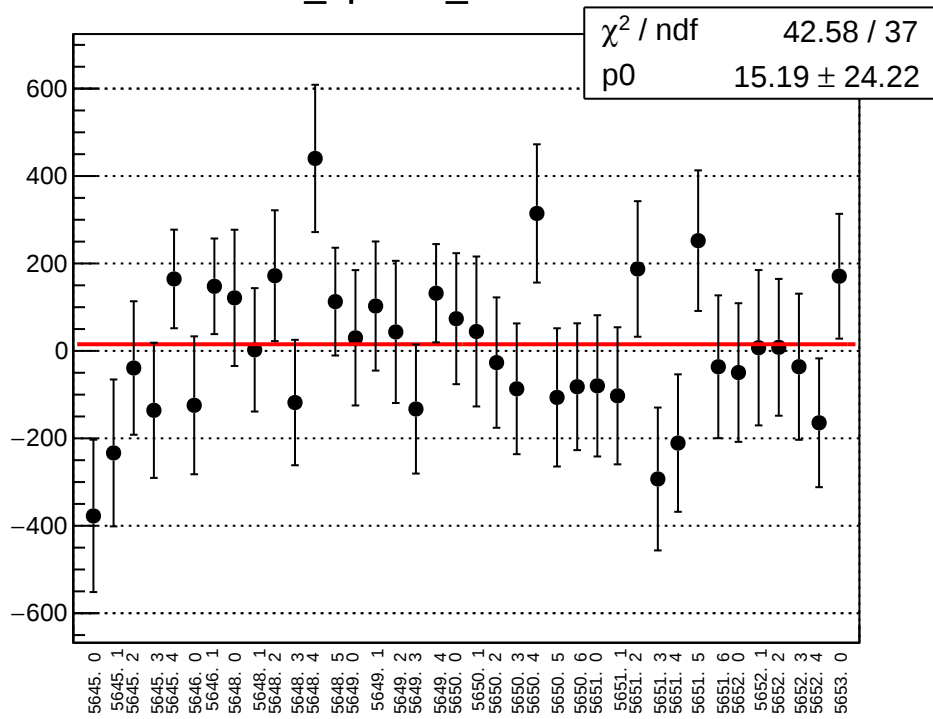
diff_bpm4ecY_mean vs run



diff_bpm4ecY_rms vs run

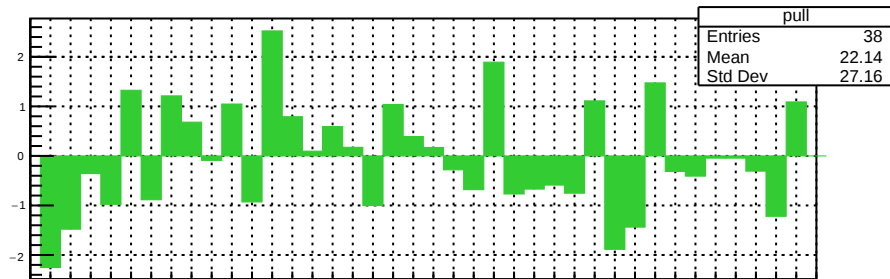


diff_bpm1X_mean vs run

 χ^2 / ndf

42.58 / 37

p0

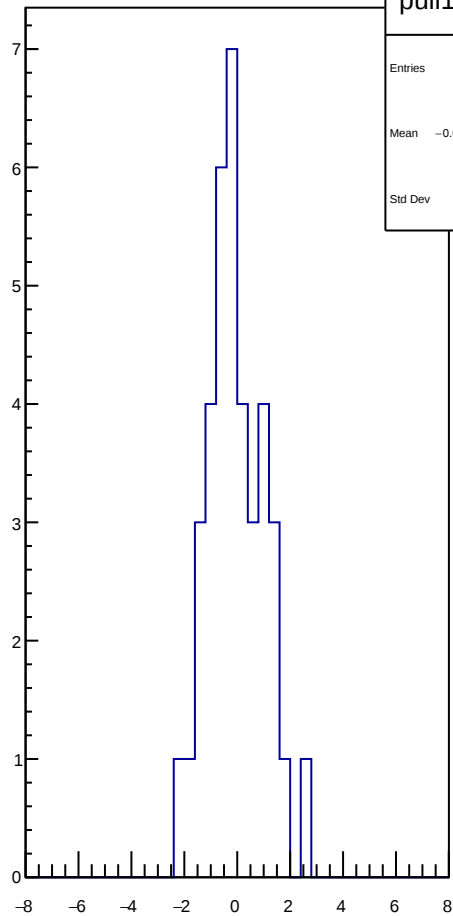
 15.19 ± 24.22 

pull1D

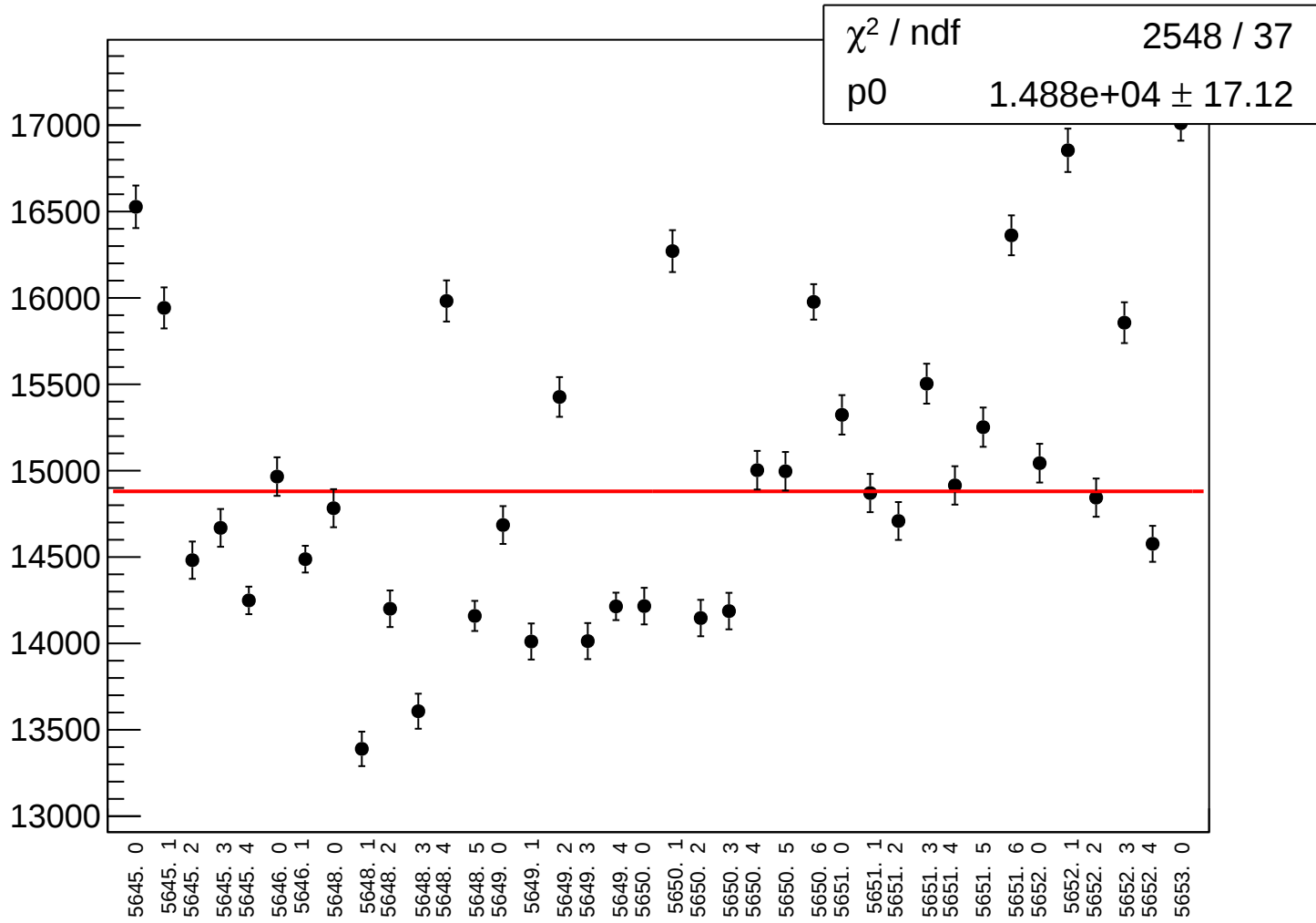
Entries 38

Mean -0.04643

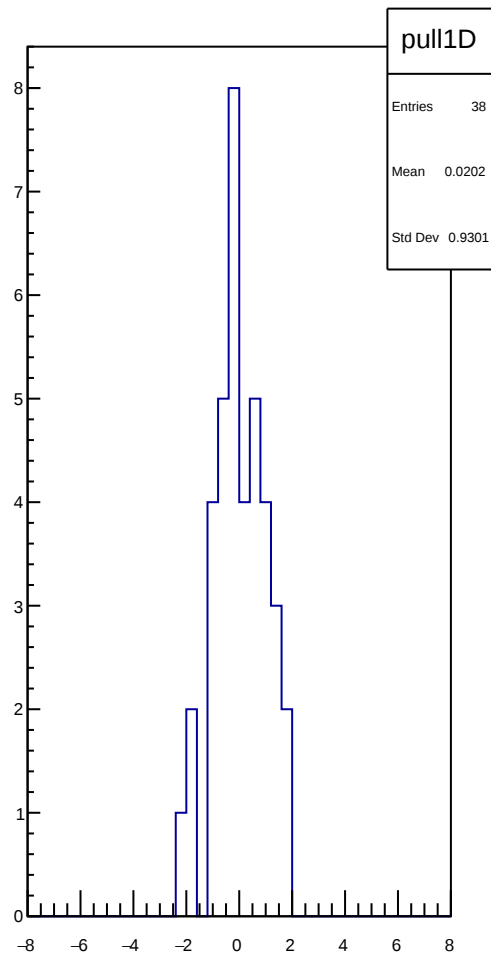
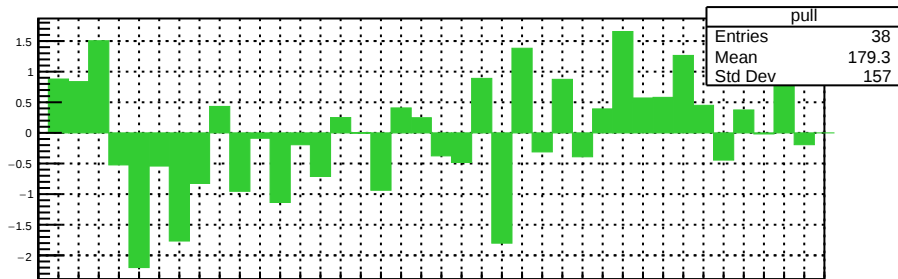
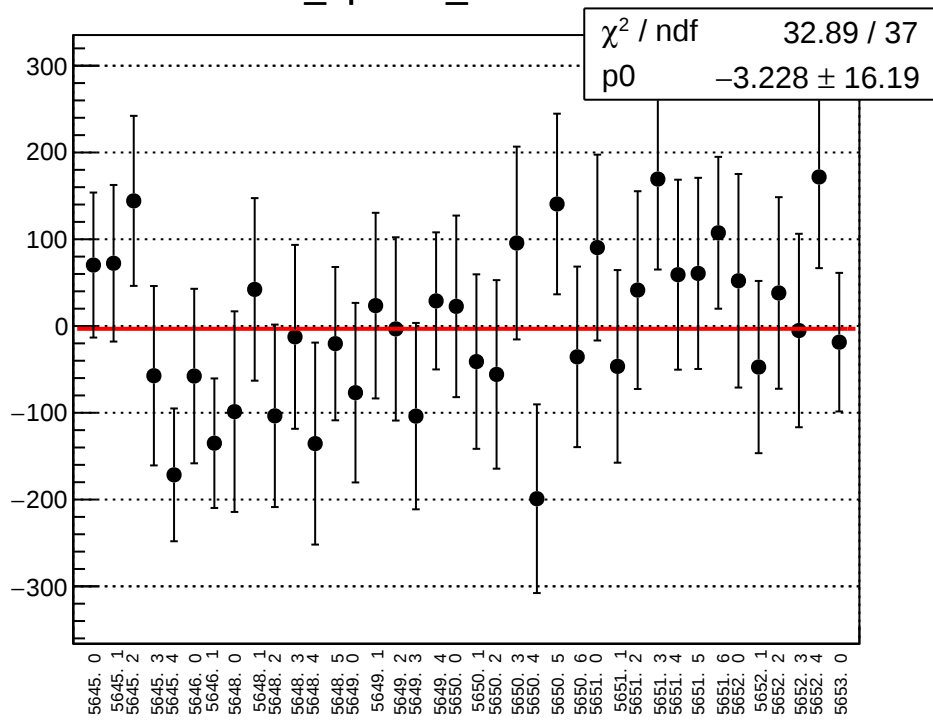
Std Dev 1.058



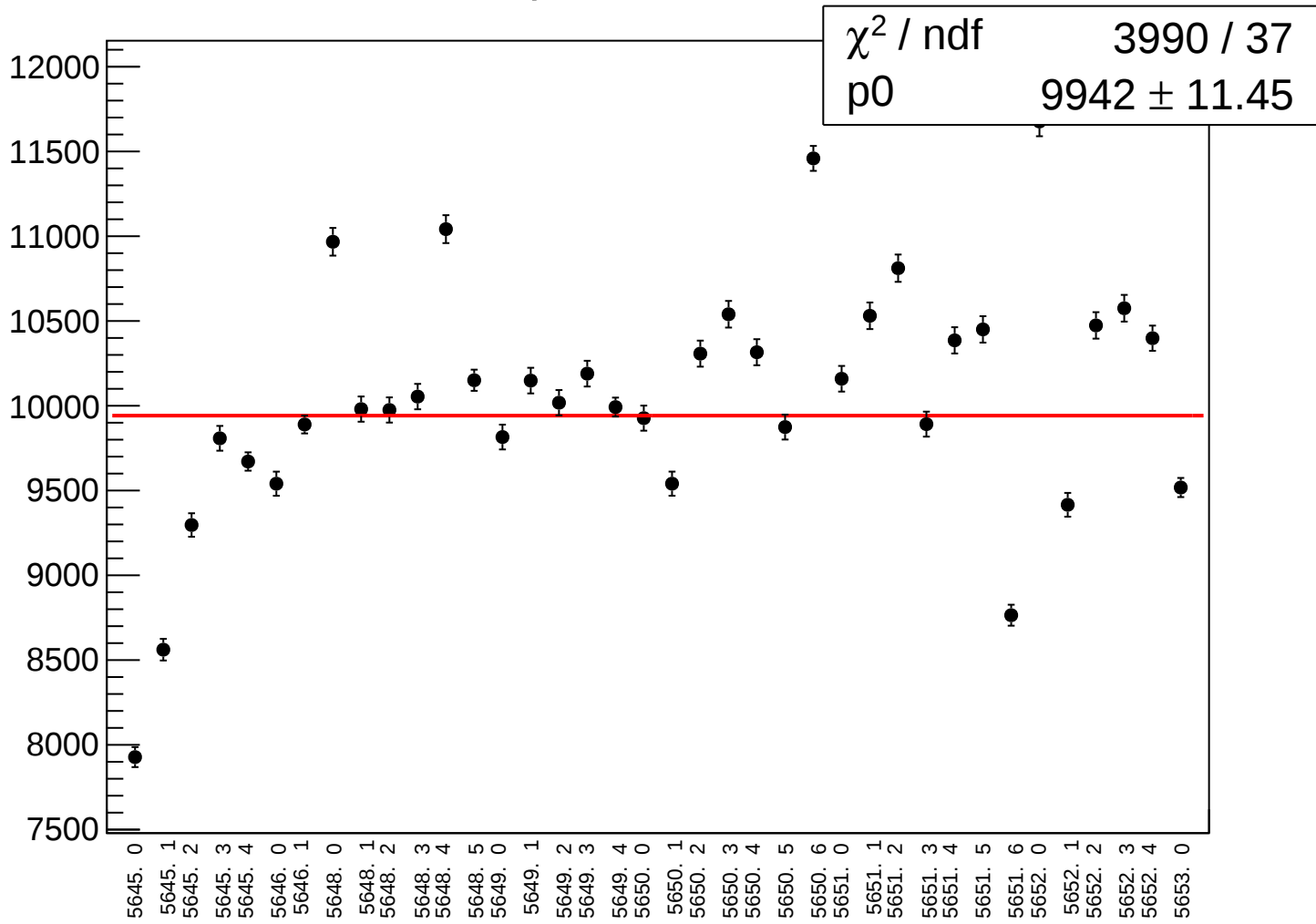
diff_bpm1X_rms vs run



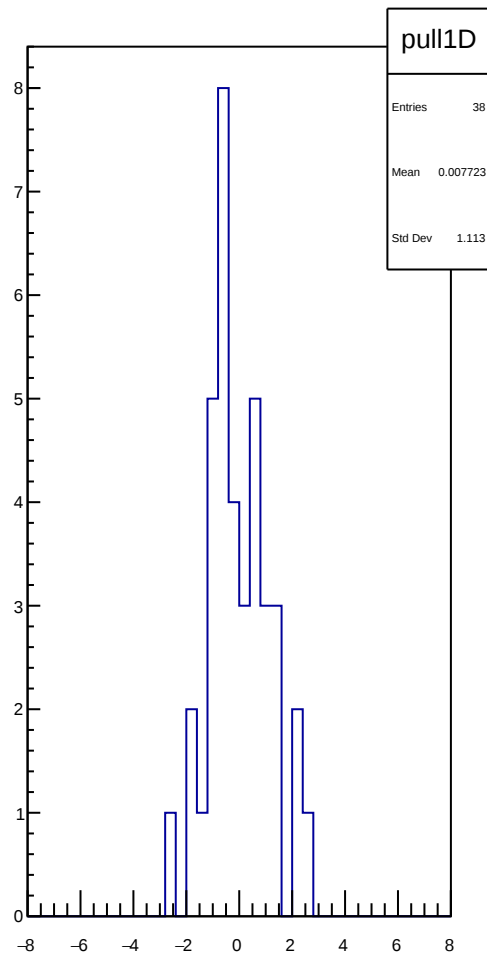
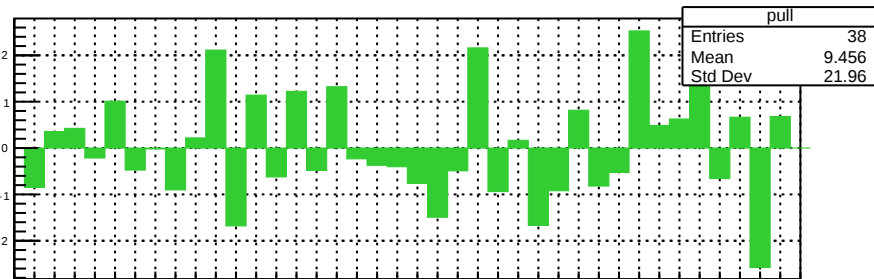
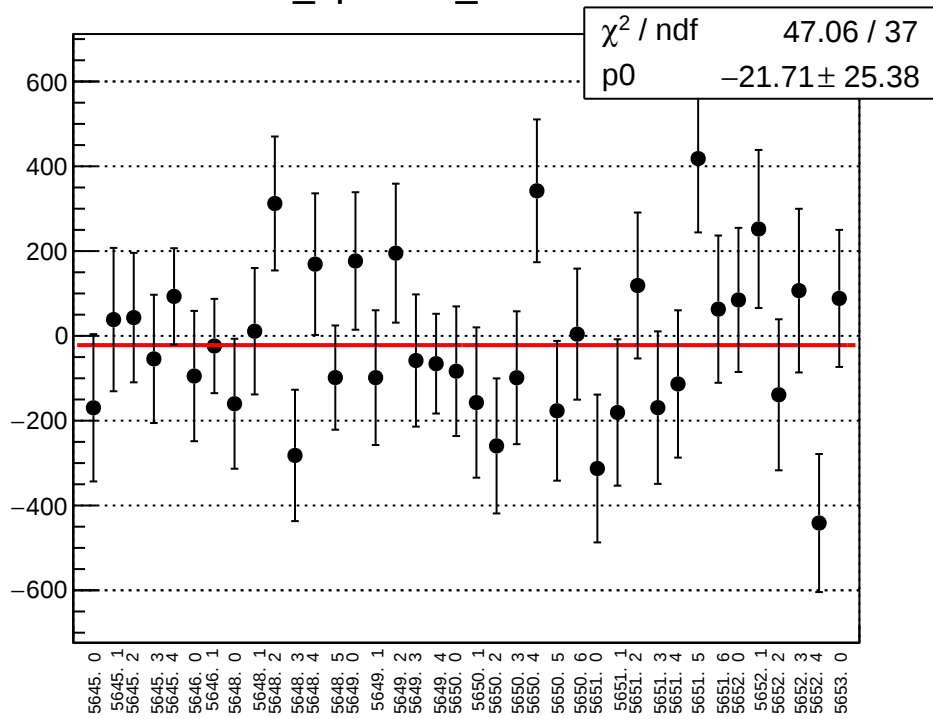
diff_bpm1Y_mean vs run



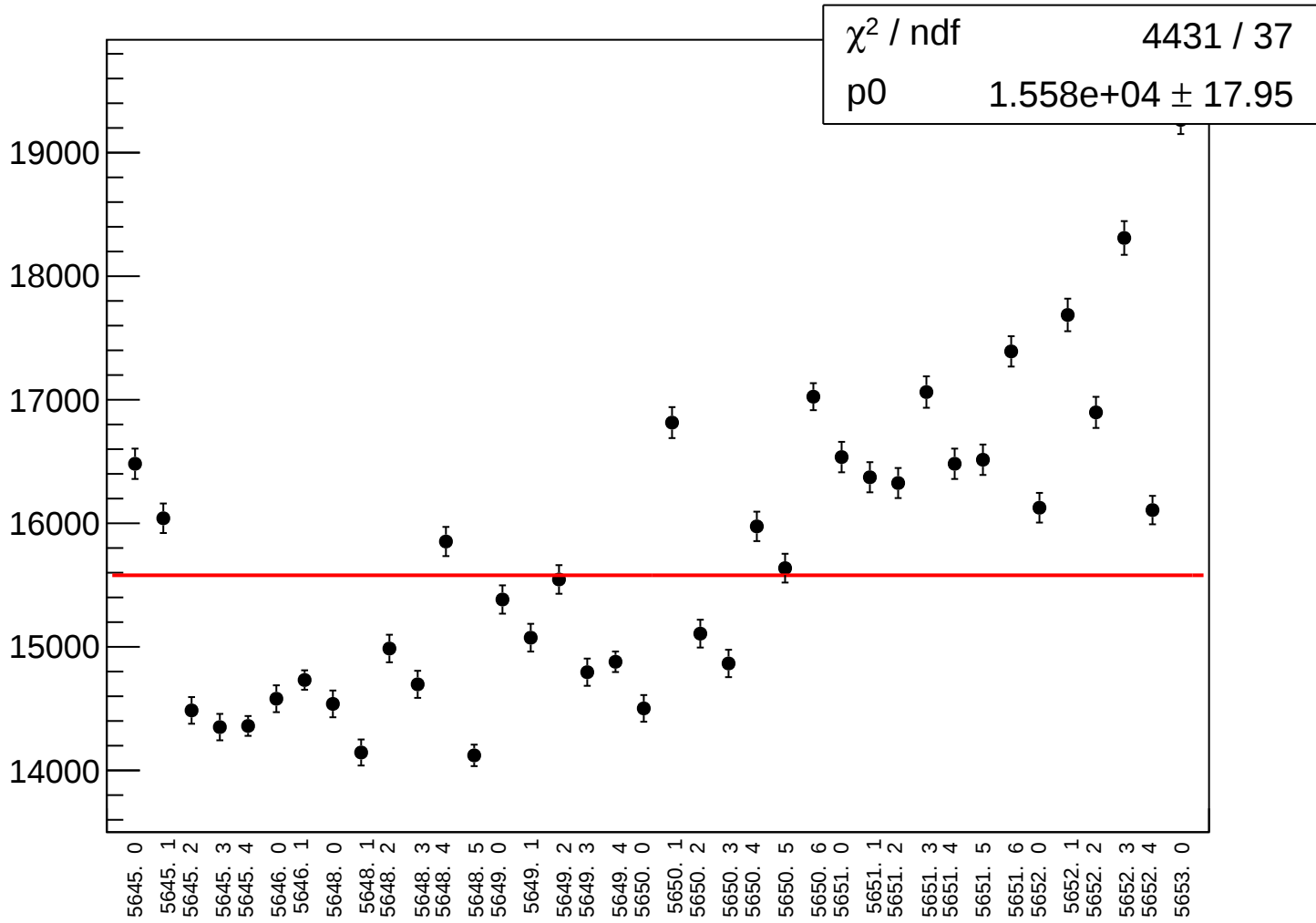
diff_bpm1Y_rms vs run



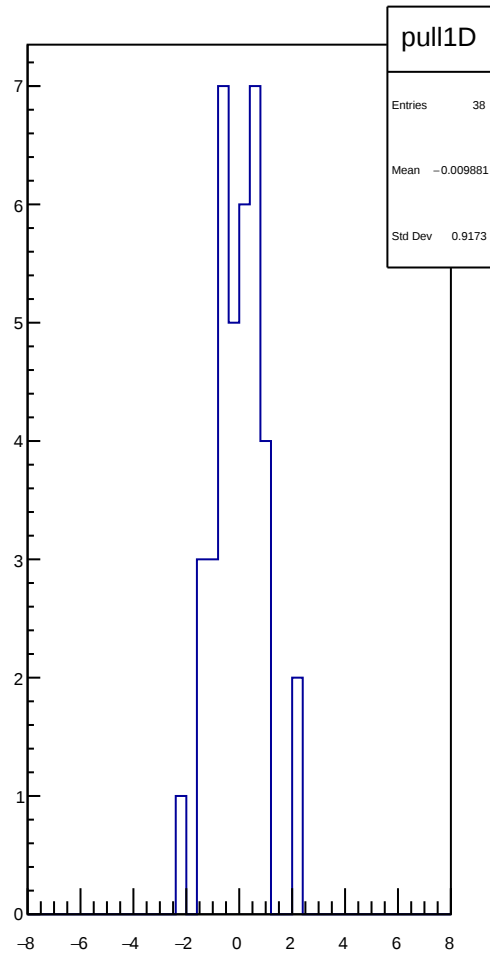
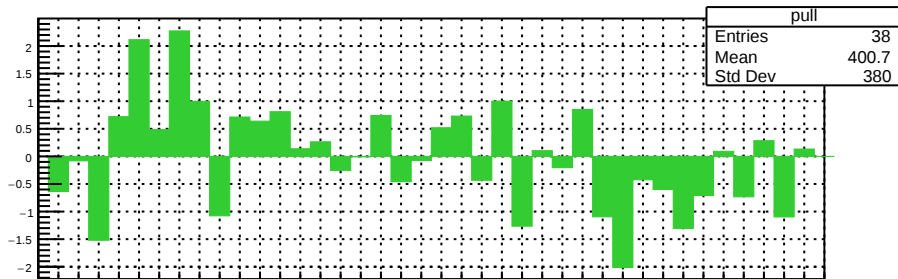
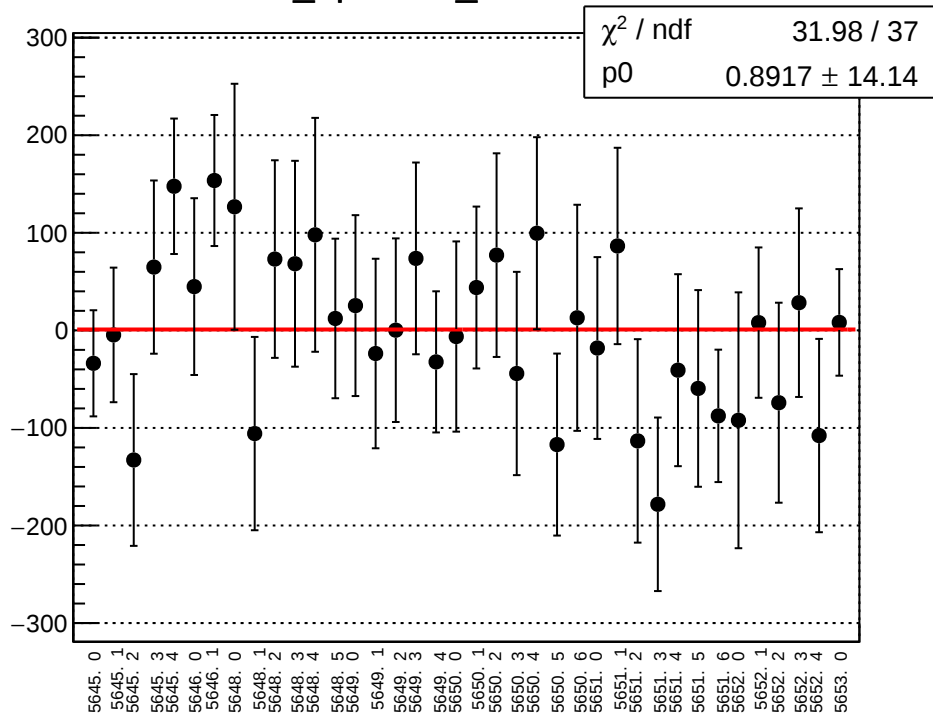
diff_bpm11X_mean vs run



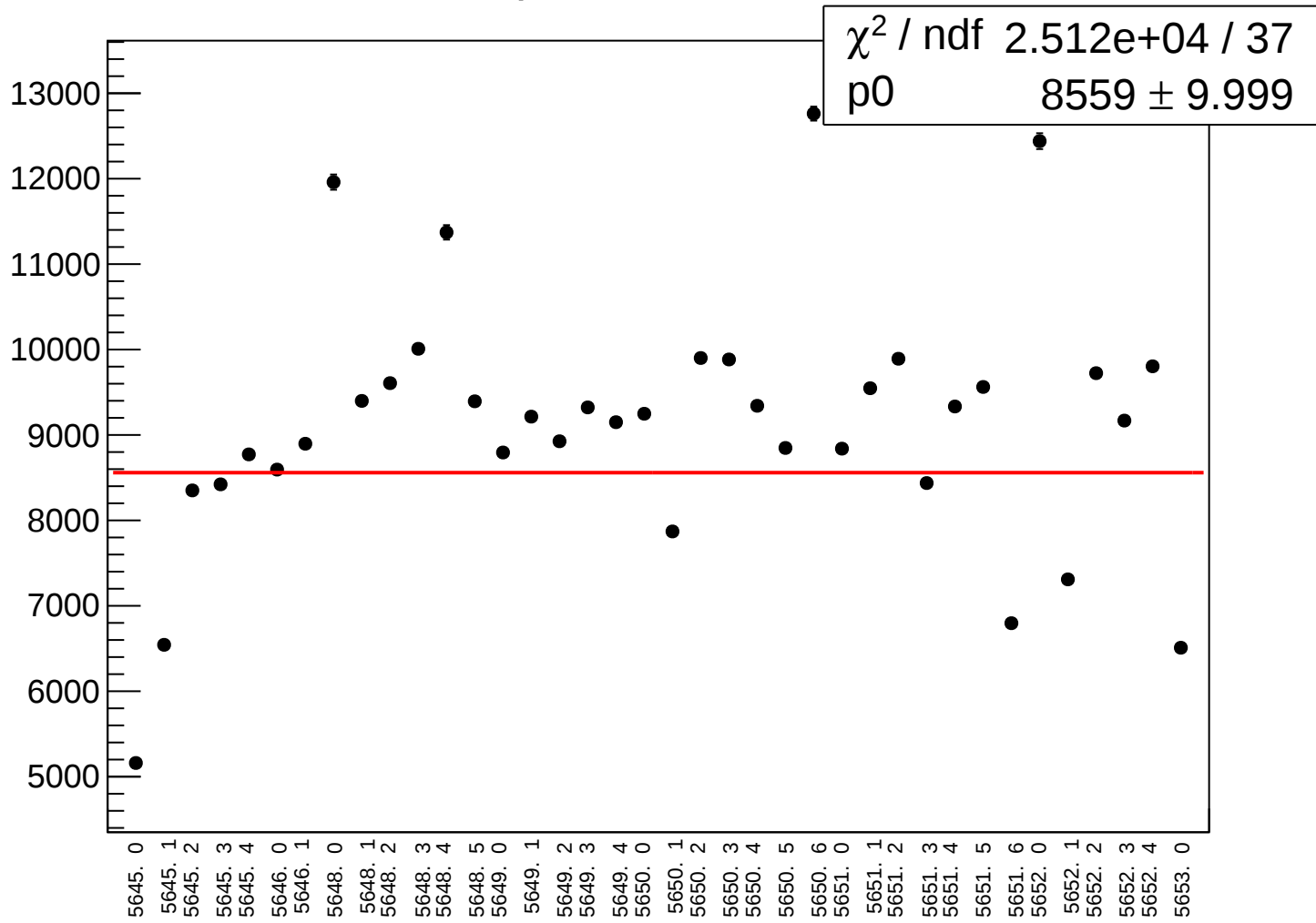
diff_bpm11X_rms vs run



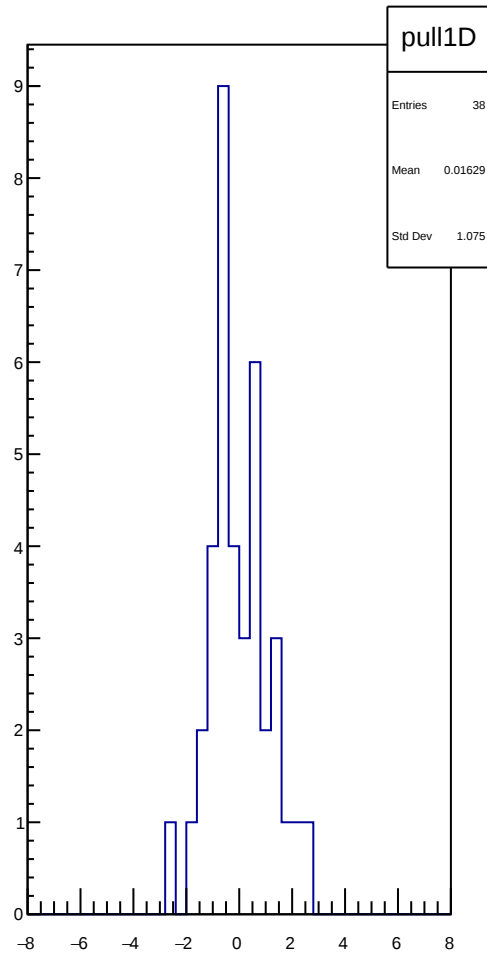
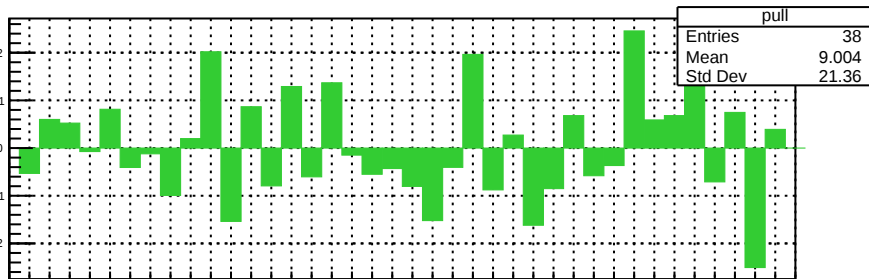
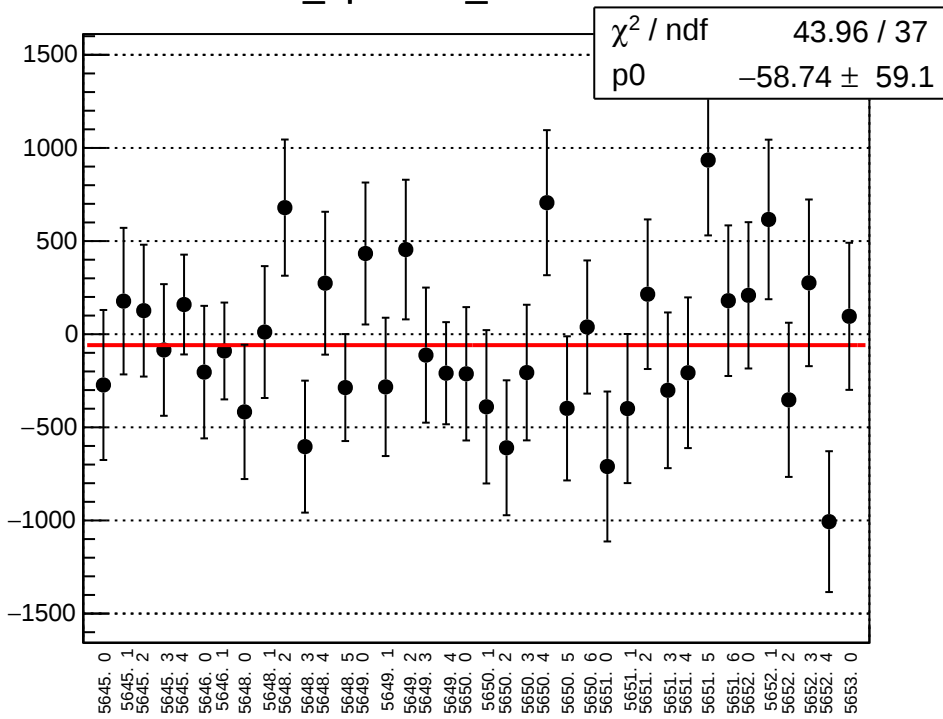
diff_bpm11Y_mean vs run



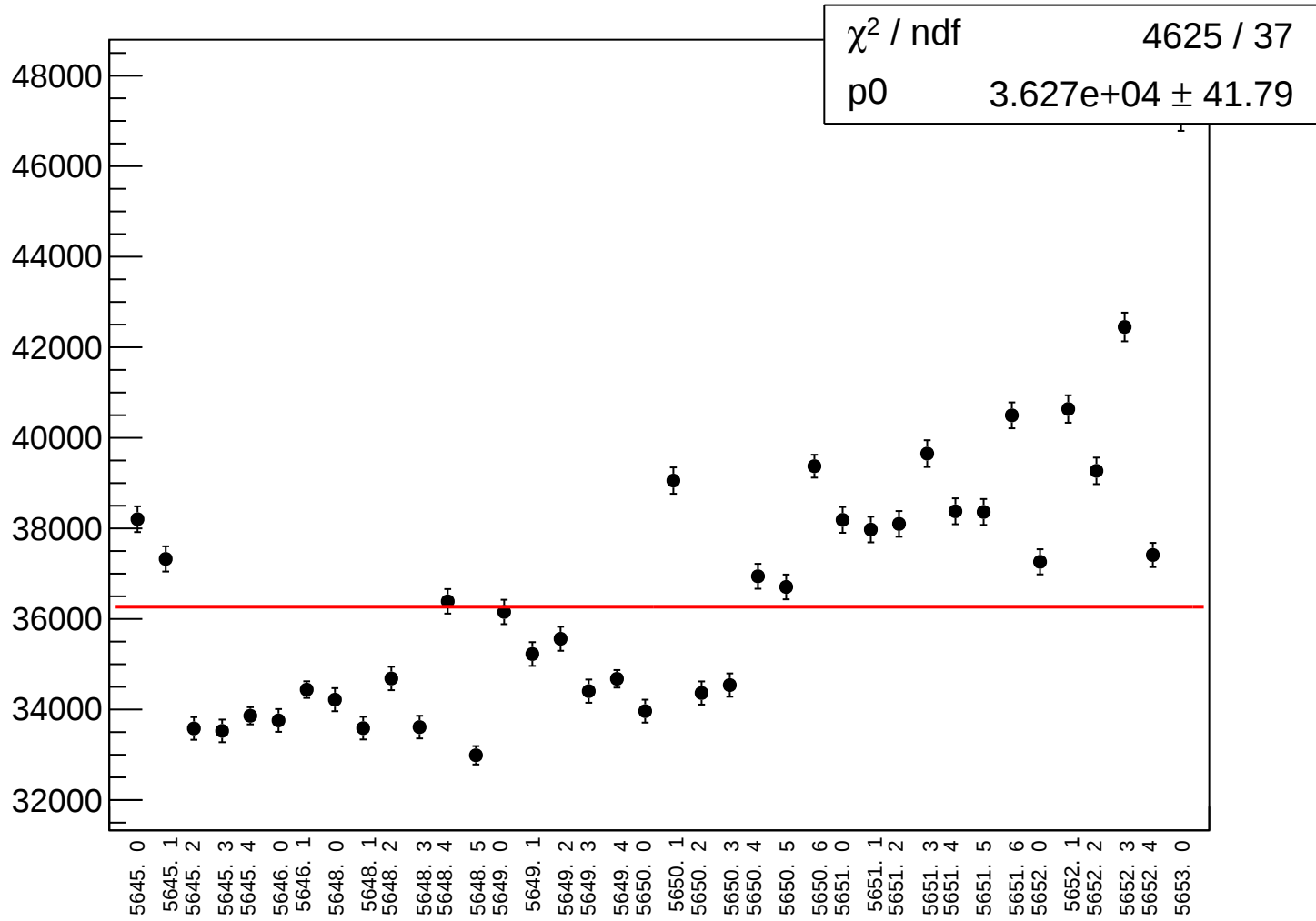
diff_bpm11Y_rms vs run



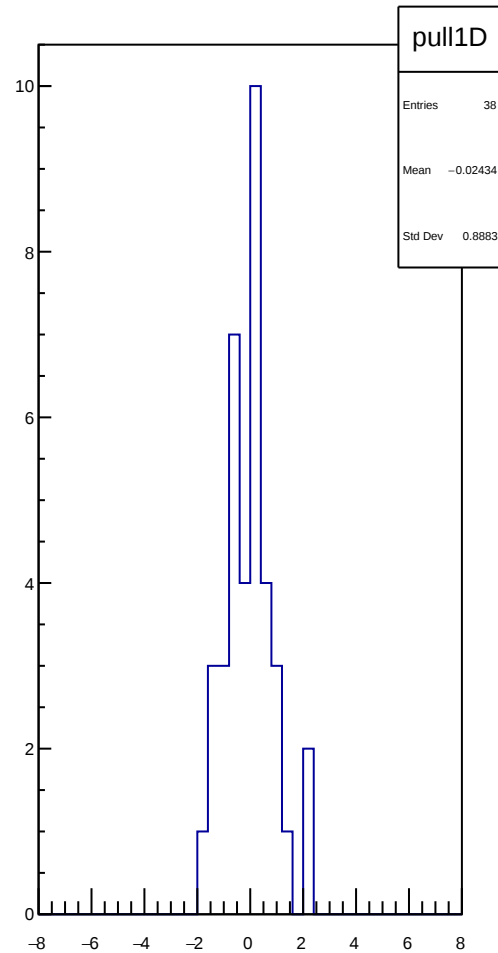
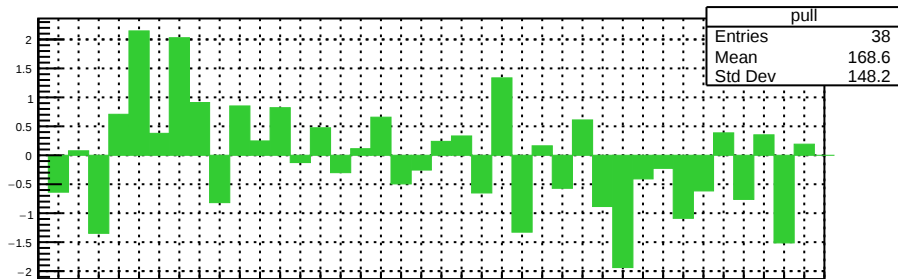
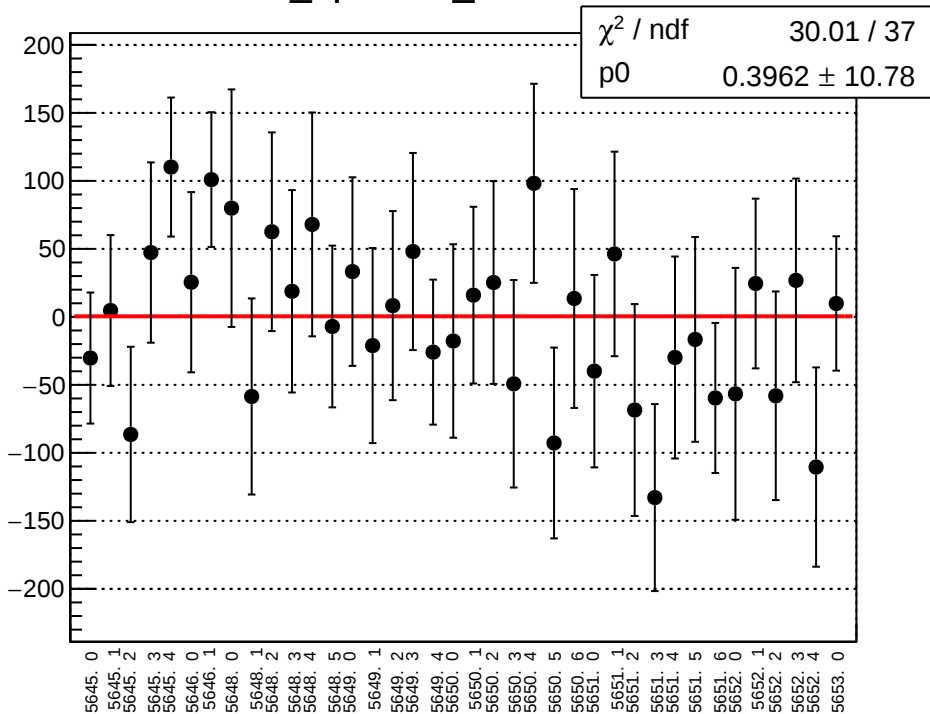
diff_bpm12X_mean vs run



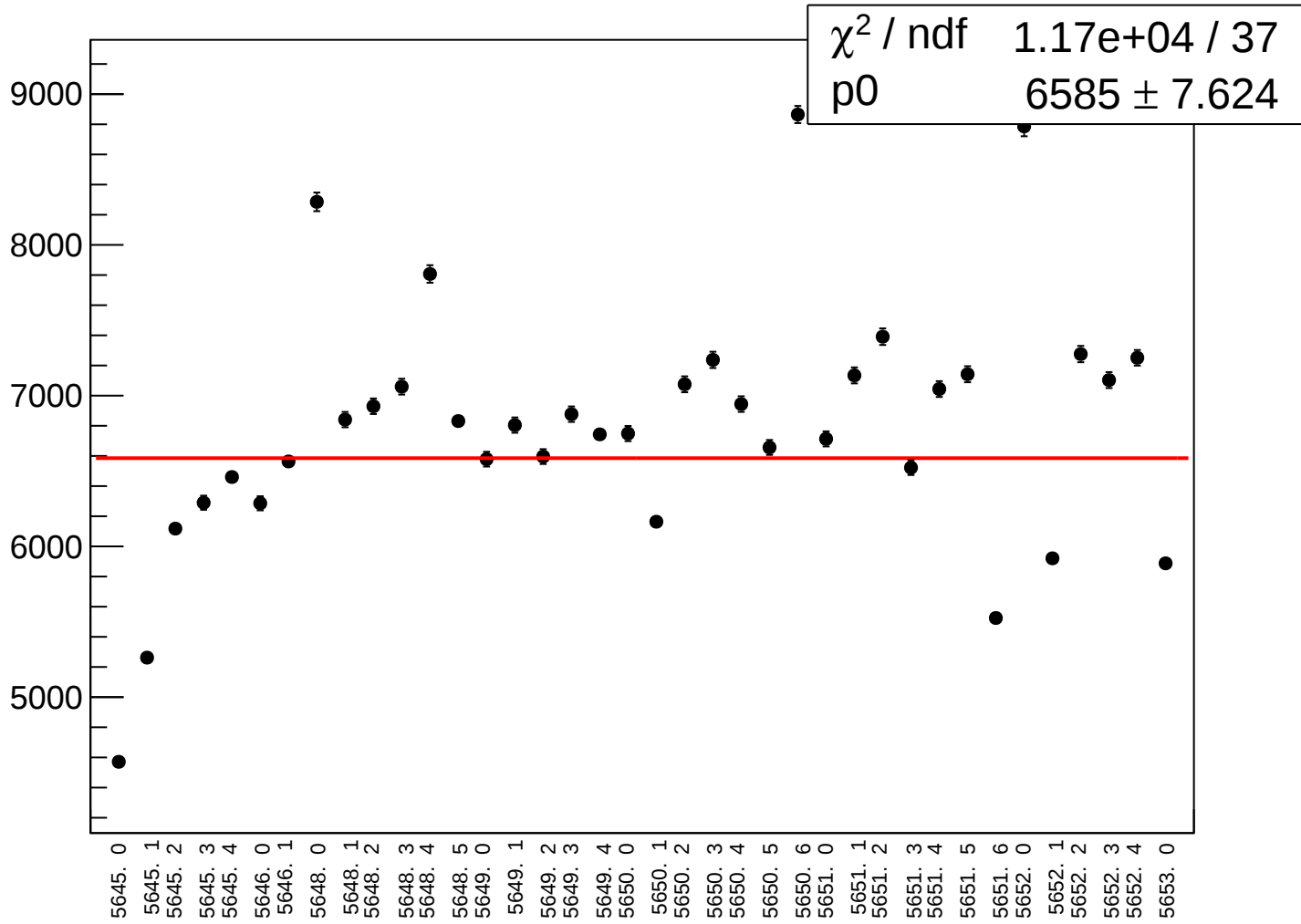
diff_bpm12X_rms vs run



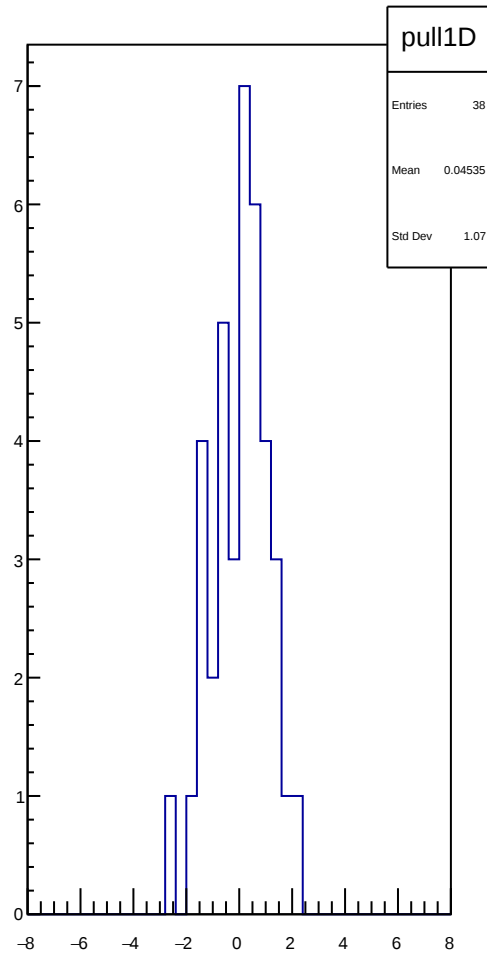
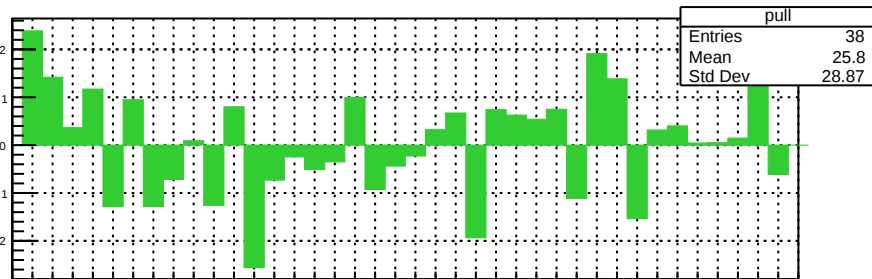
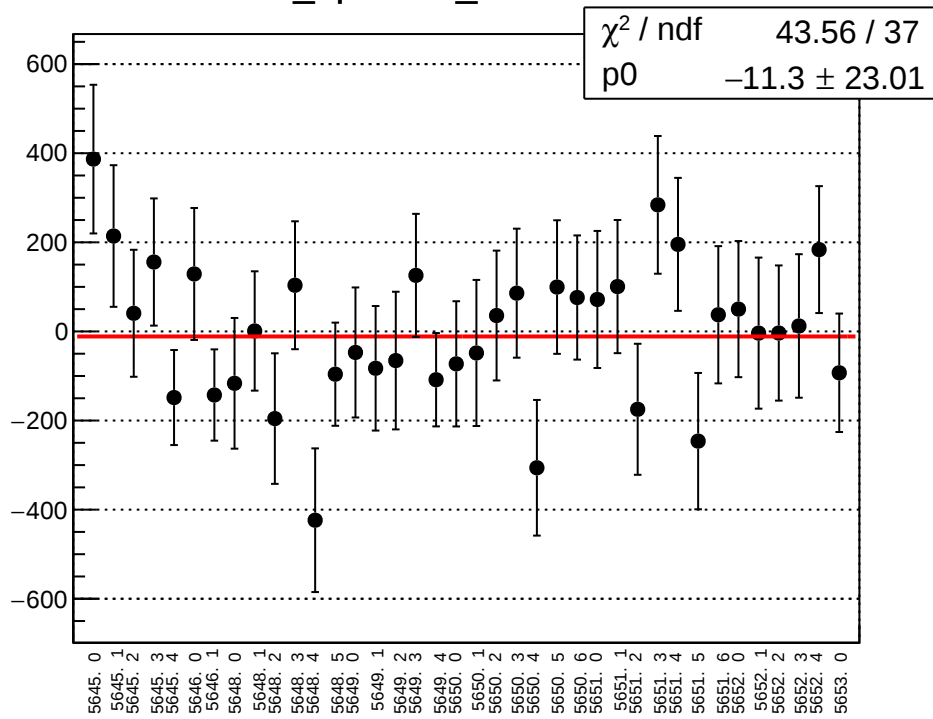
diff_bpm12Y_mean vs run



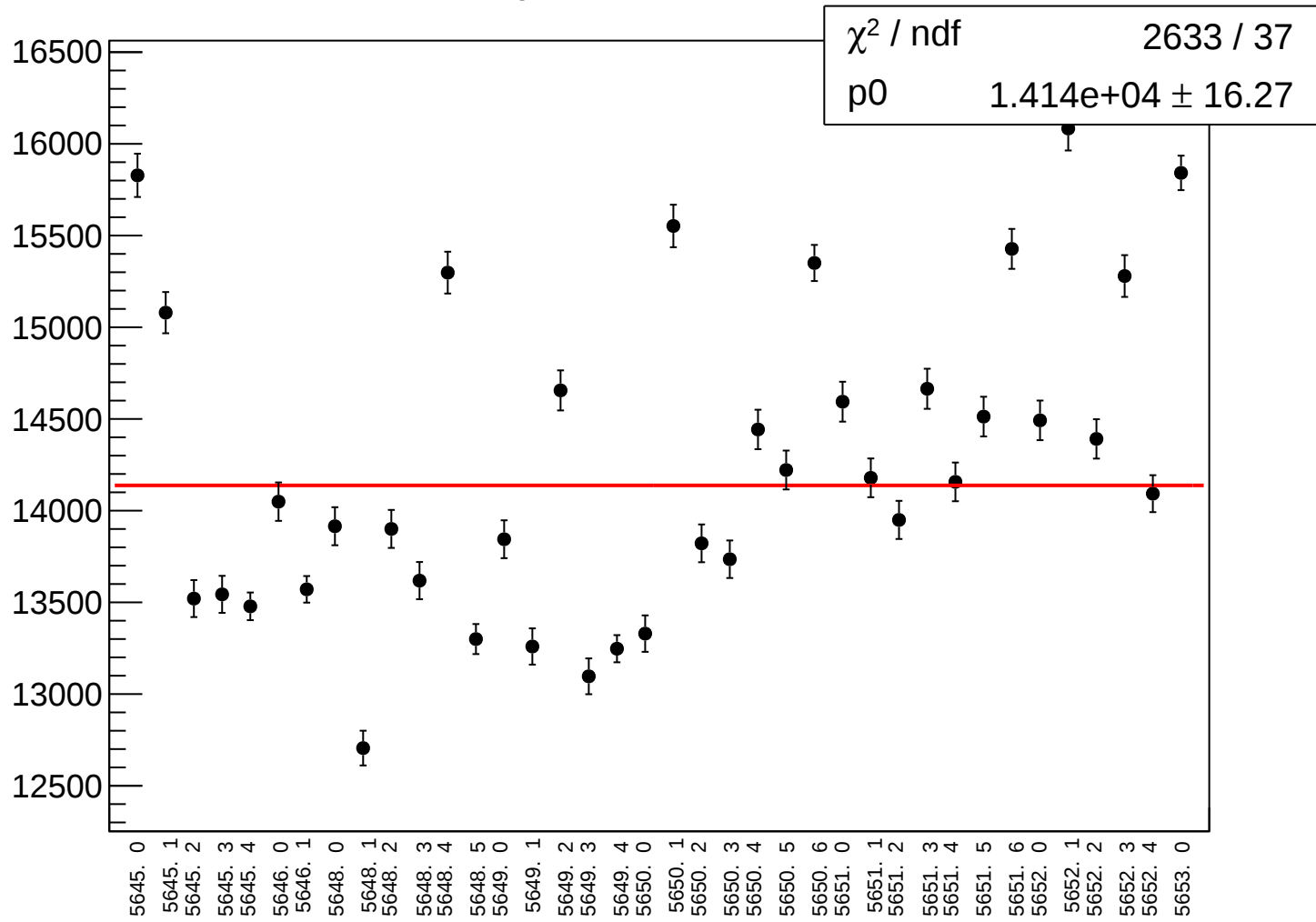
diff_bpm12Y_rms vs run



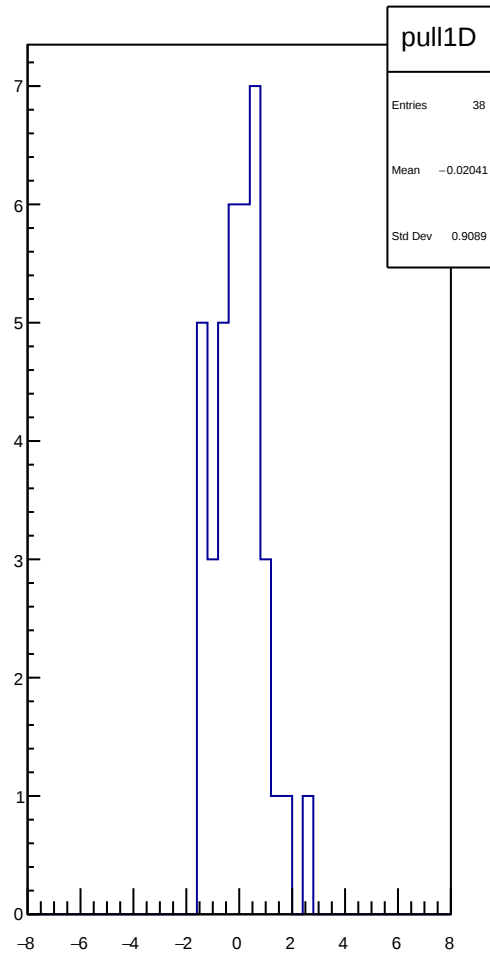
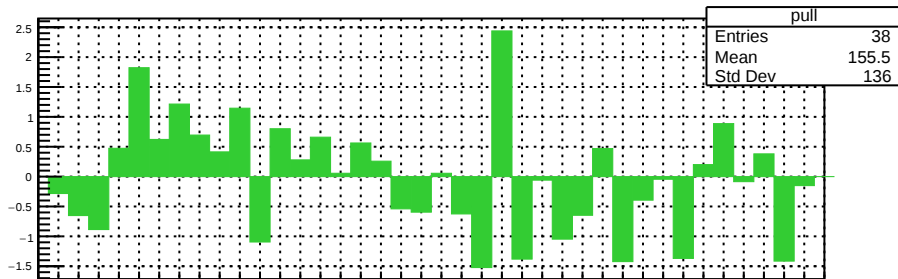
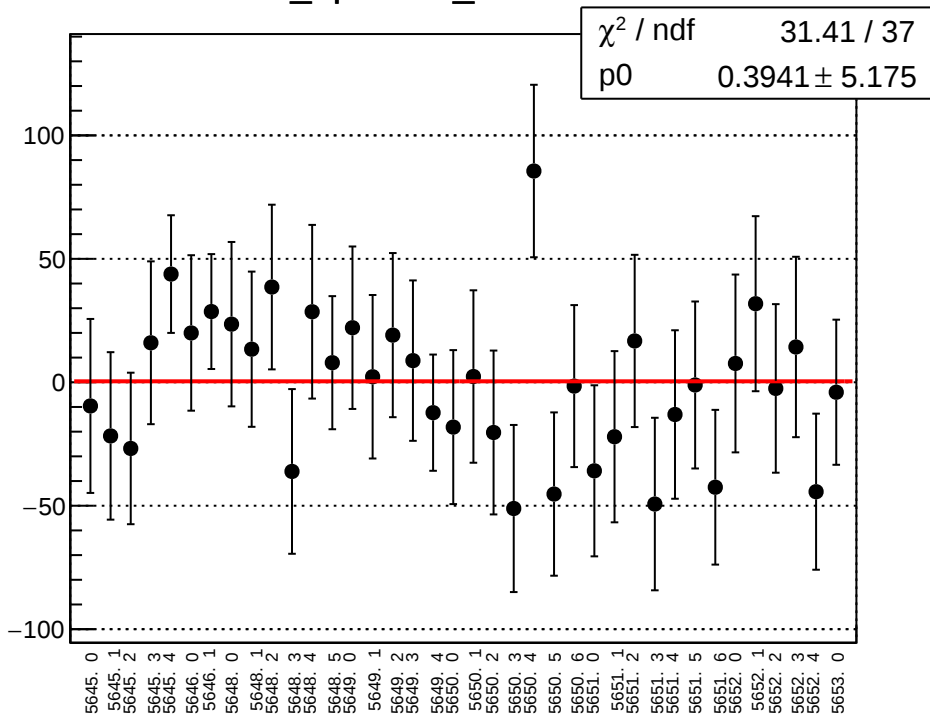
diff_bpm16X_mean vs run



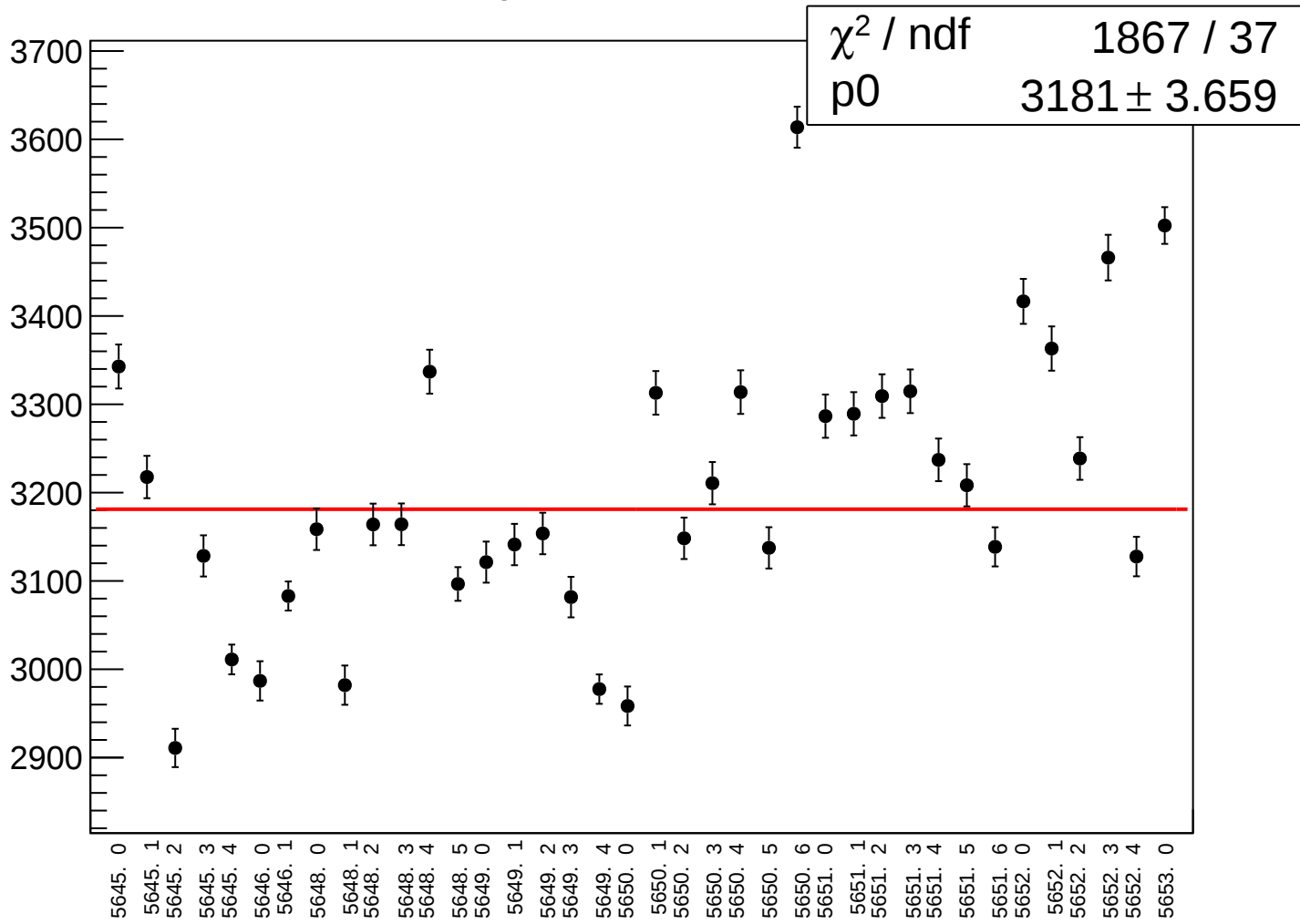
diff_bpm16X_rms vs run



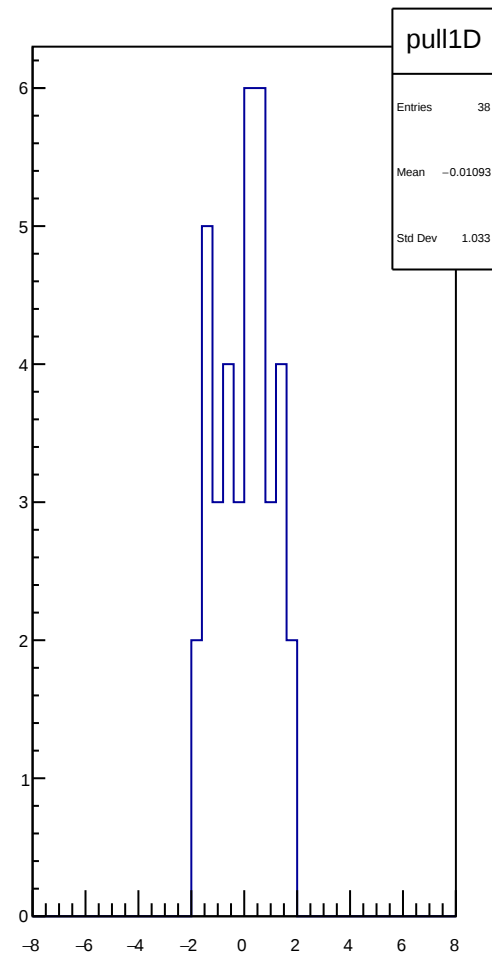
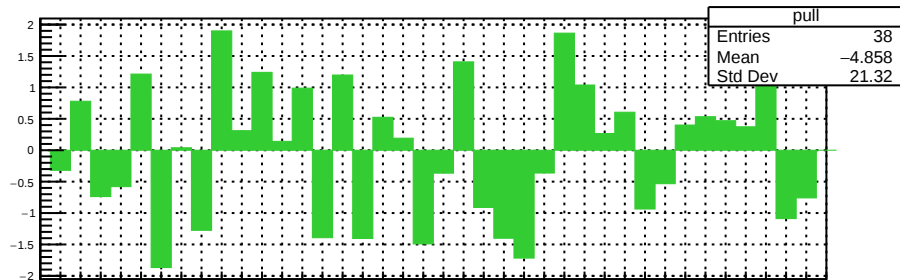
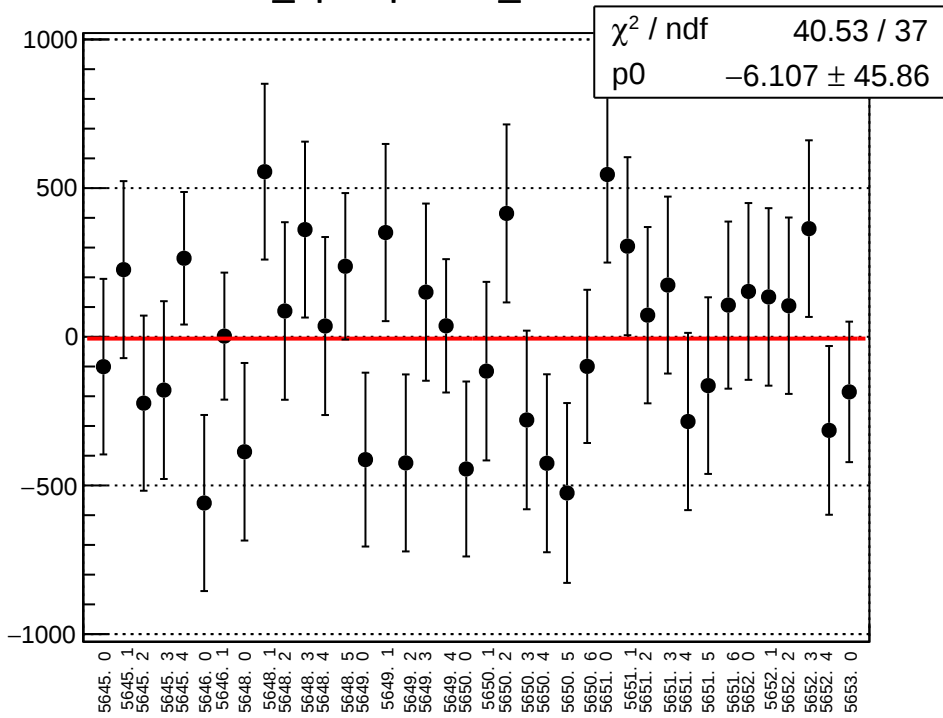
diff_bpm16Y_mean vs run



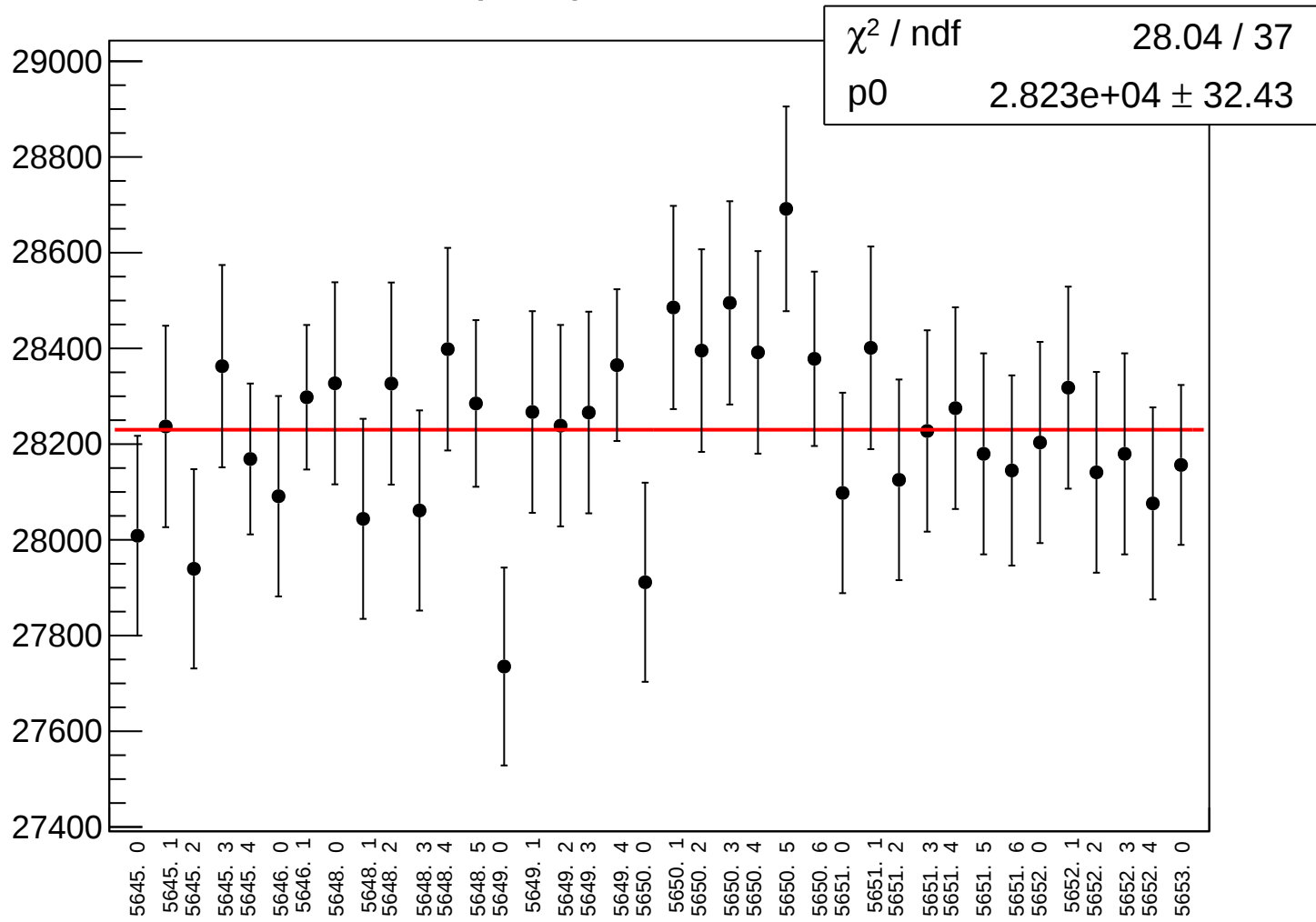
diff_bpm16Y_rms vs run



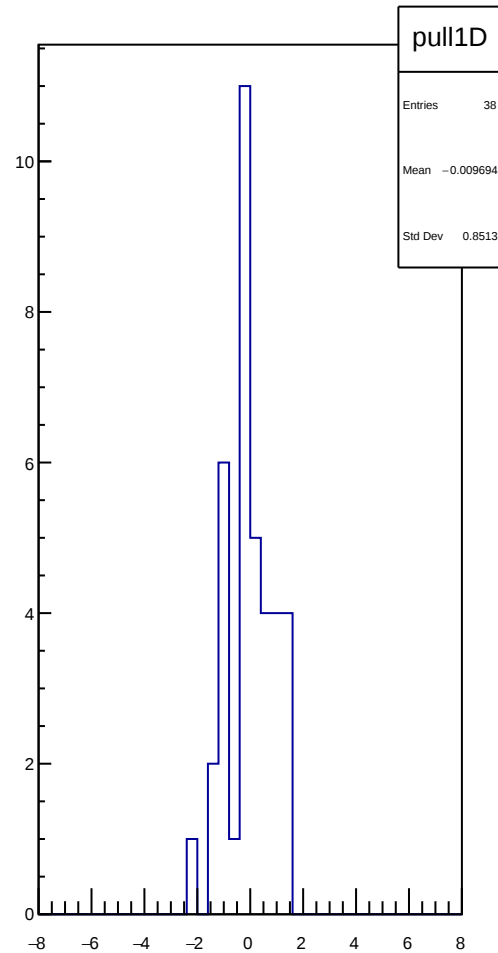
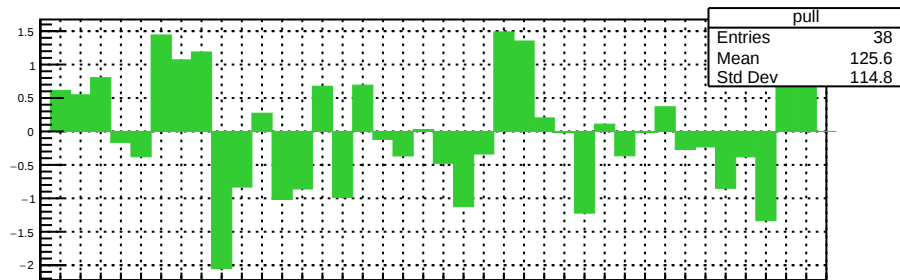
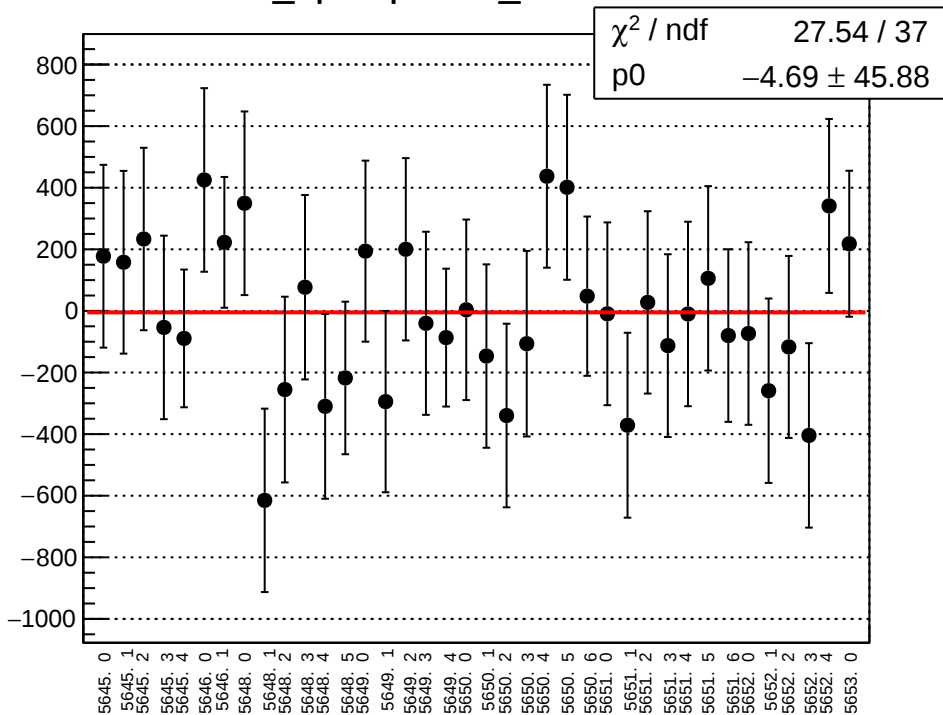
diff_bpm1p02bX_mean vs run



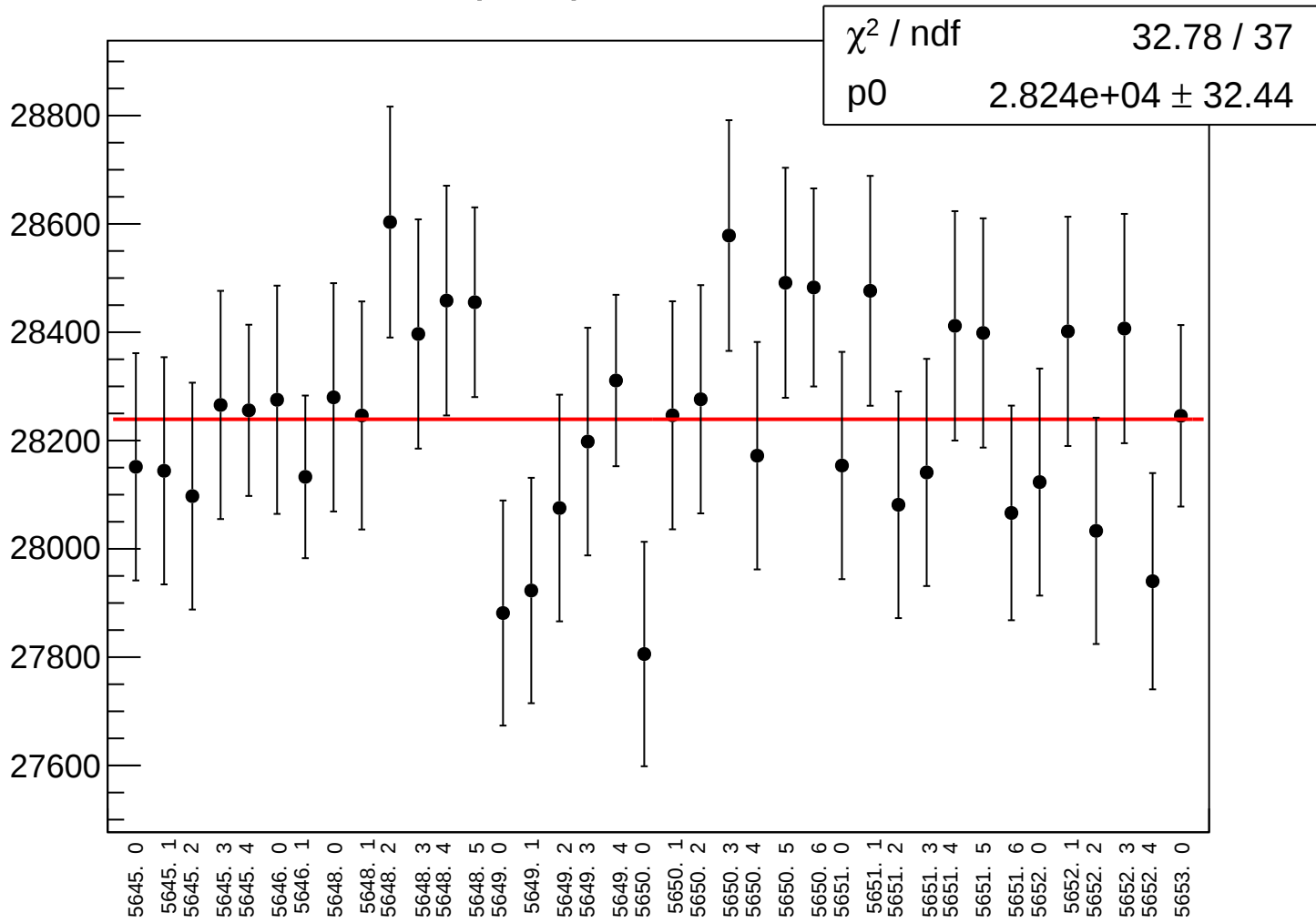
diff_bpm1p02bX_rms vs run



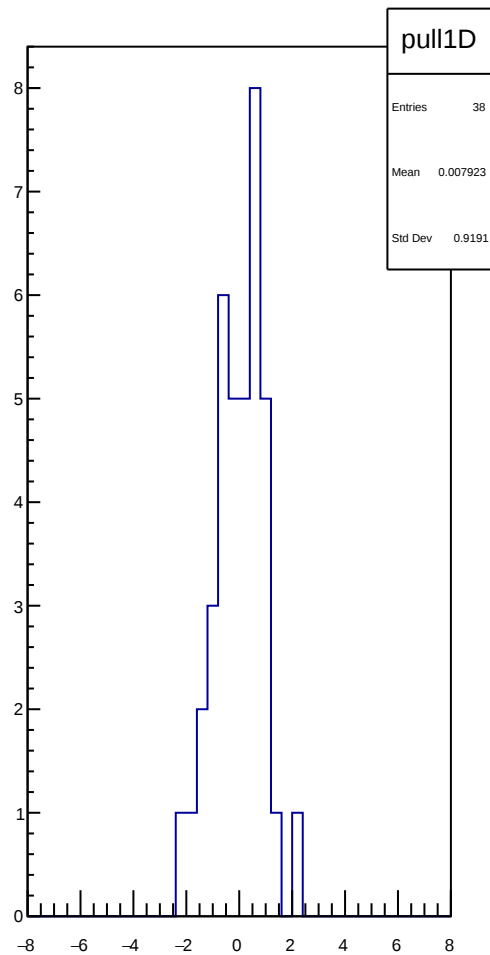
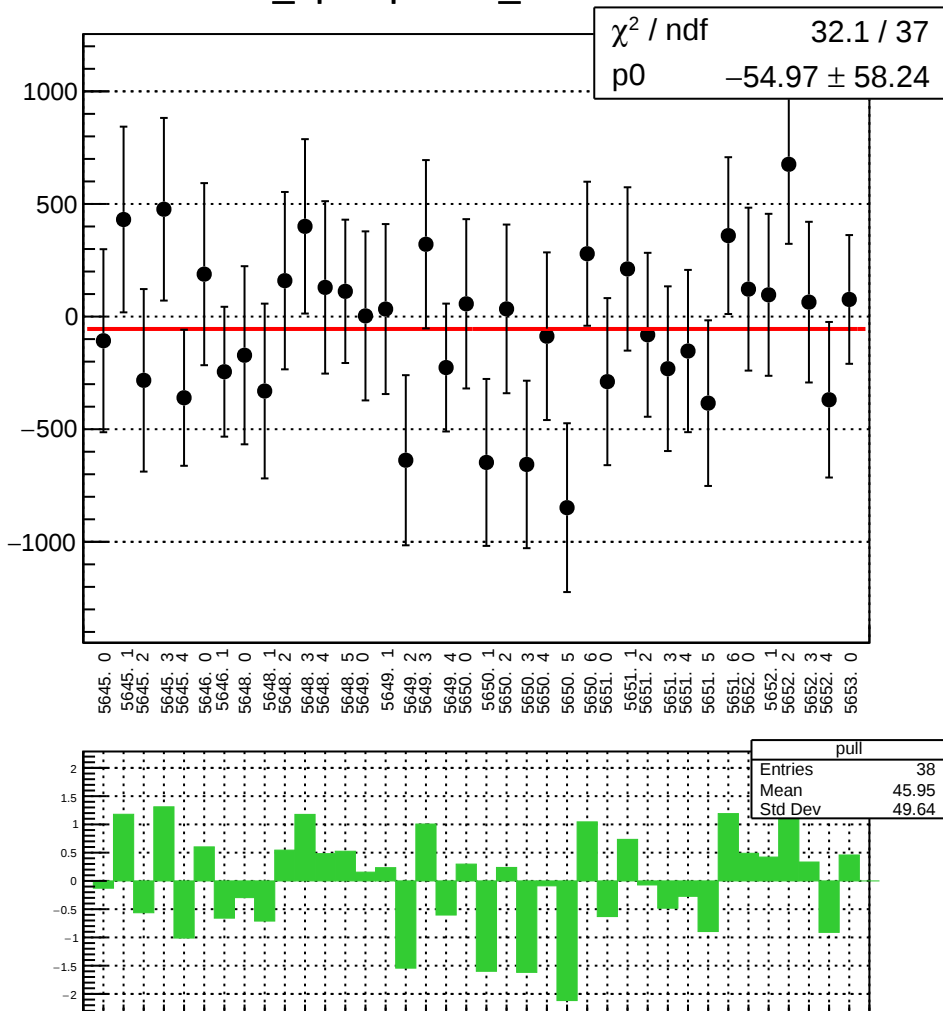
diff_bpm1p02bY_mean vs run



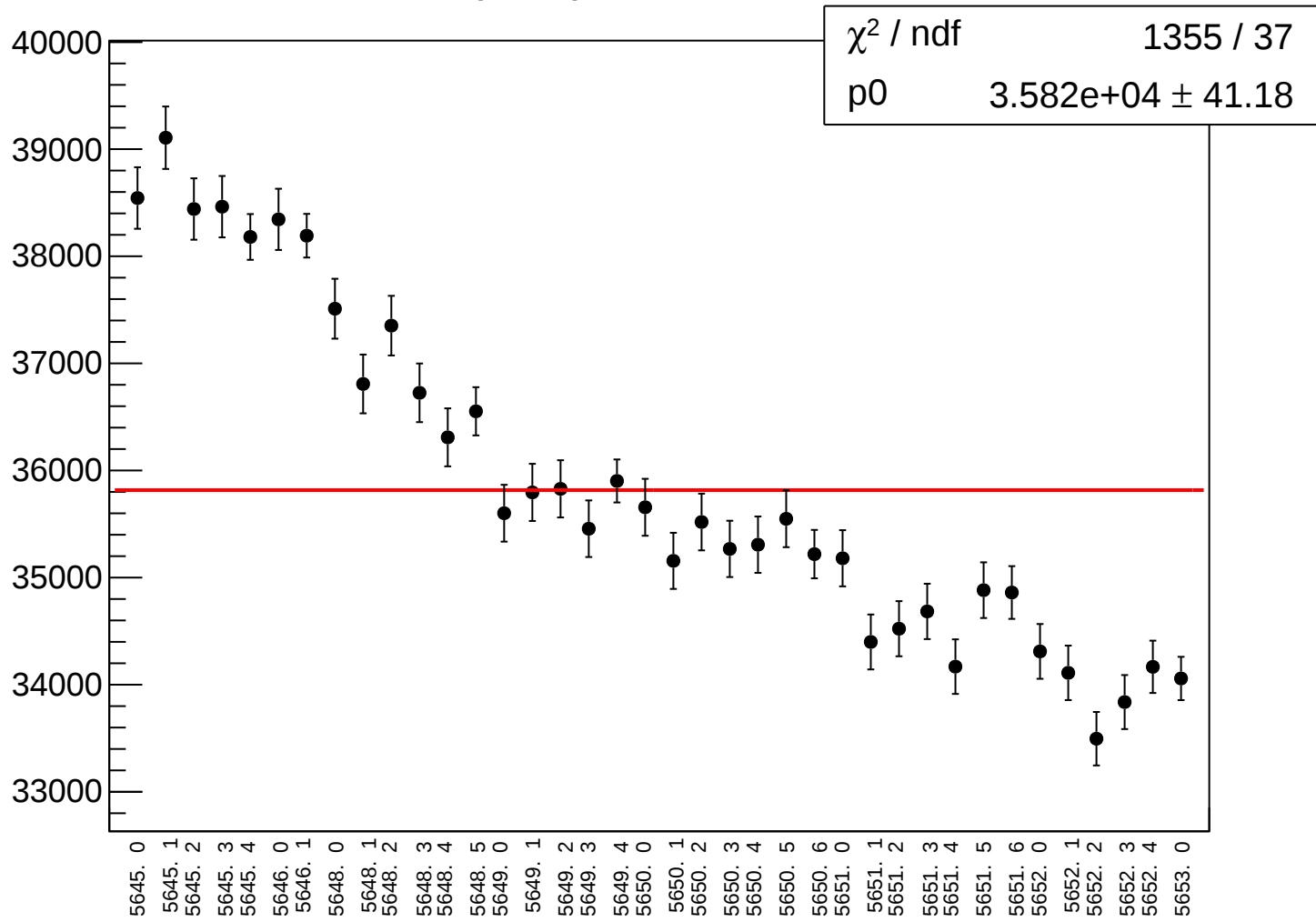
diff_bpm1p02bY_rms vs run



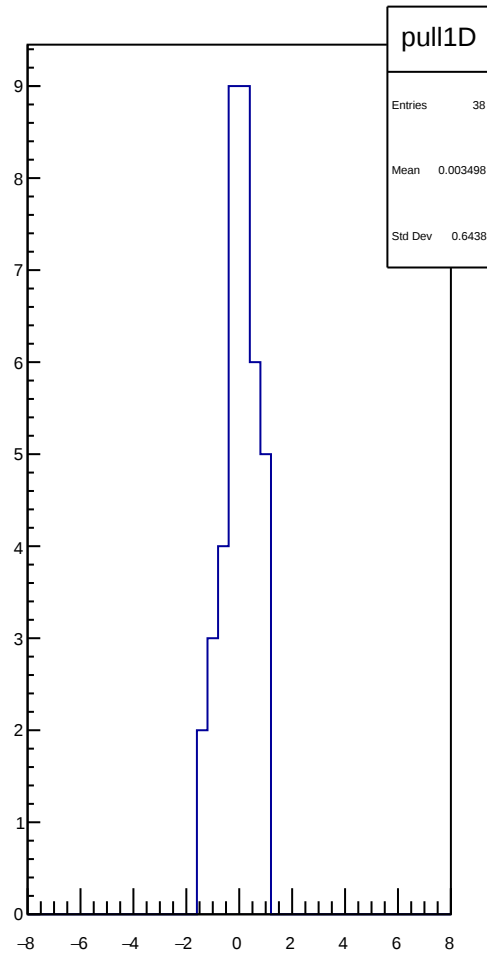
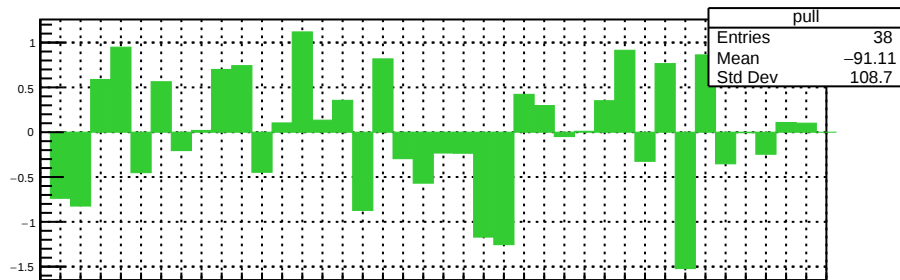
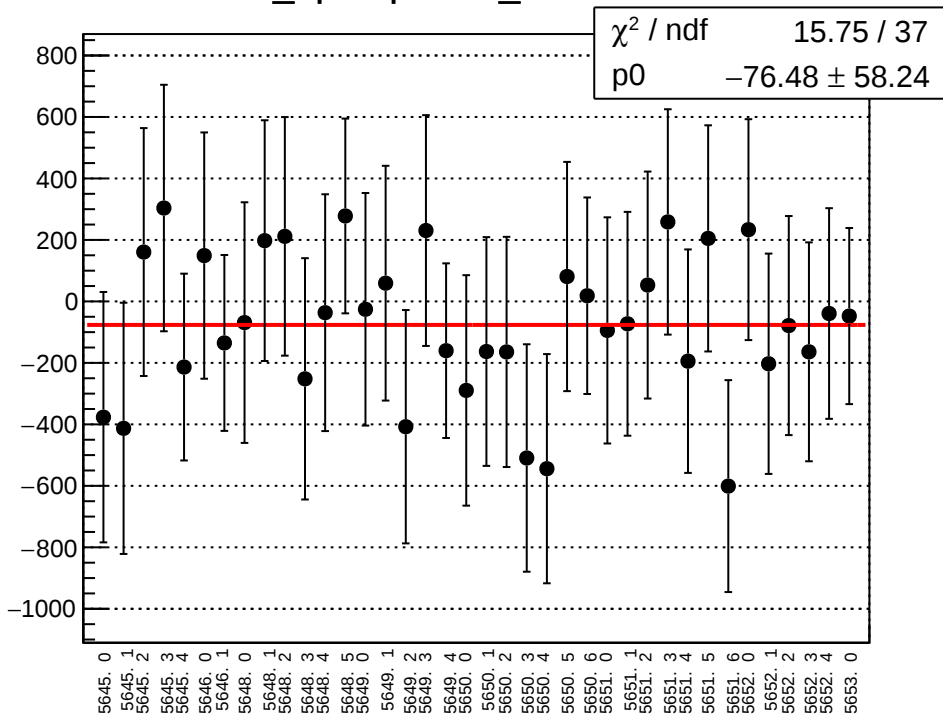
diff_bpm1p03aX_mean vs run



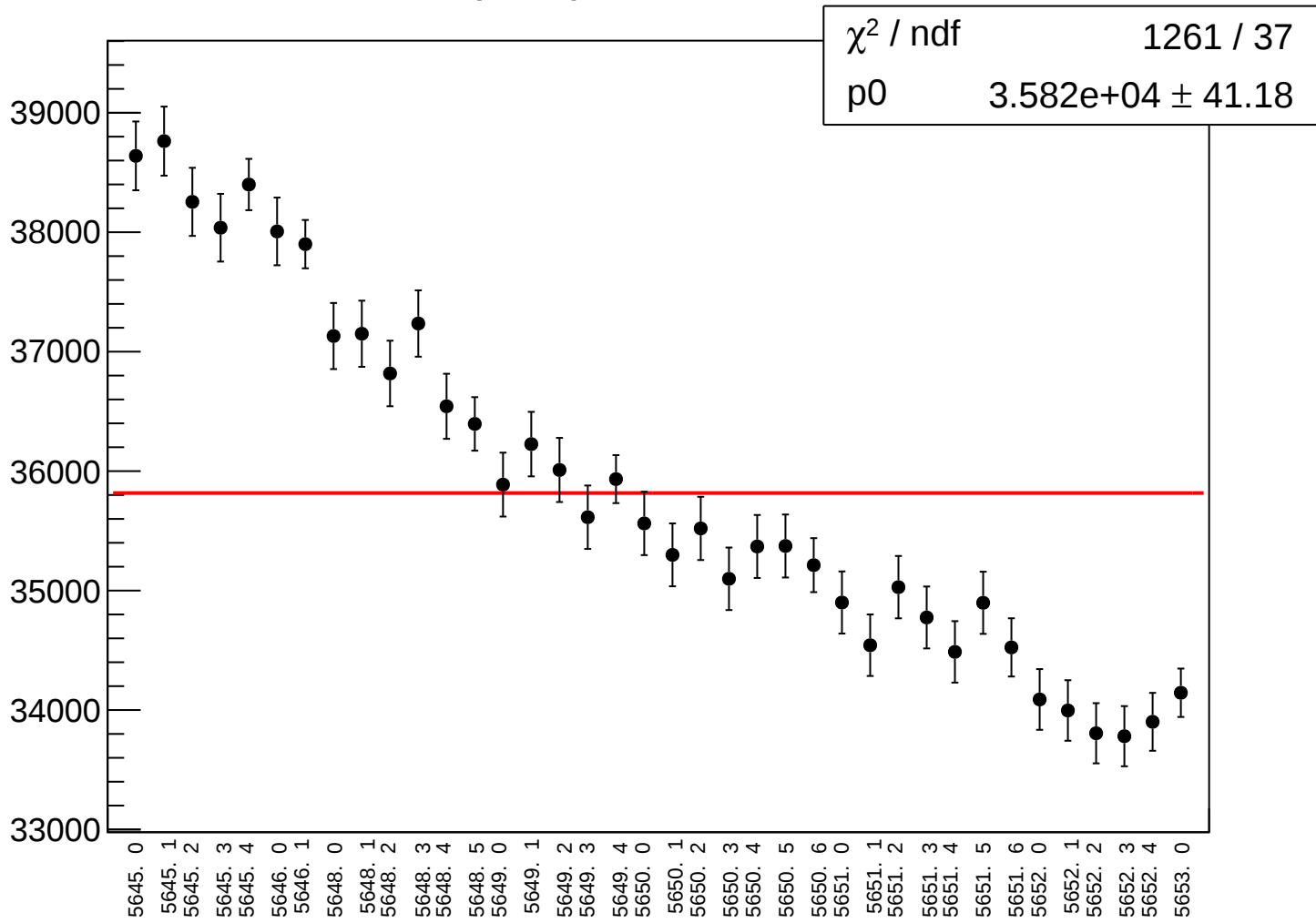
diff_bpm1p03aX_rms vs run



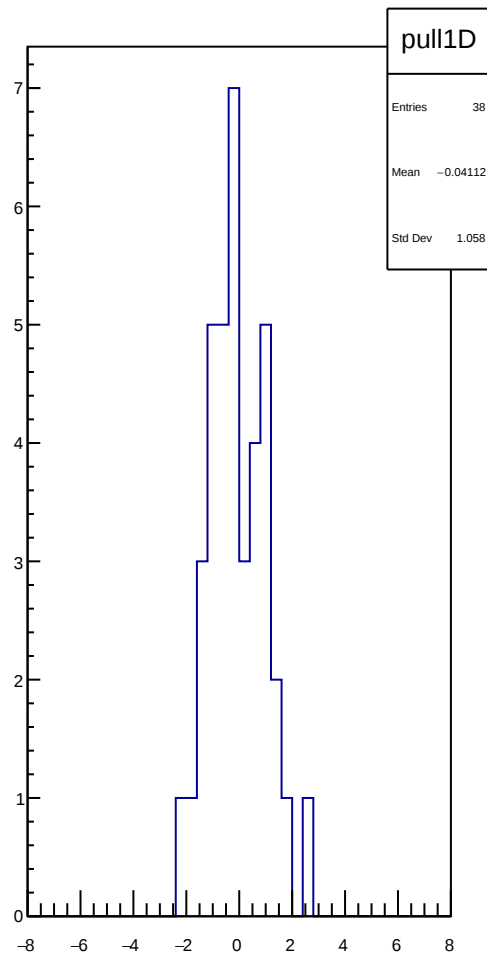
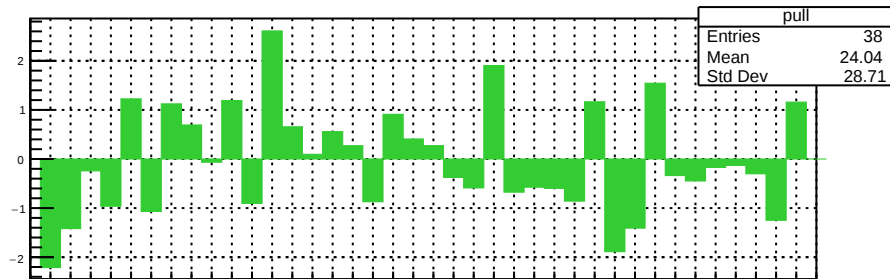
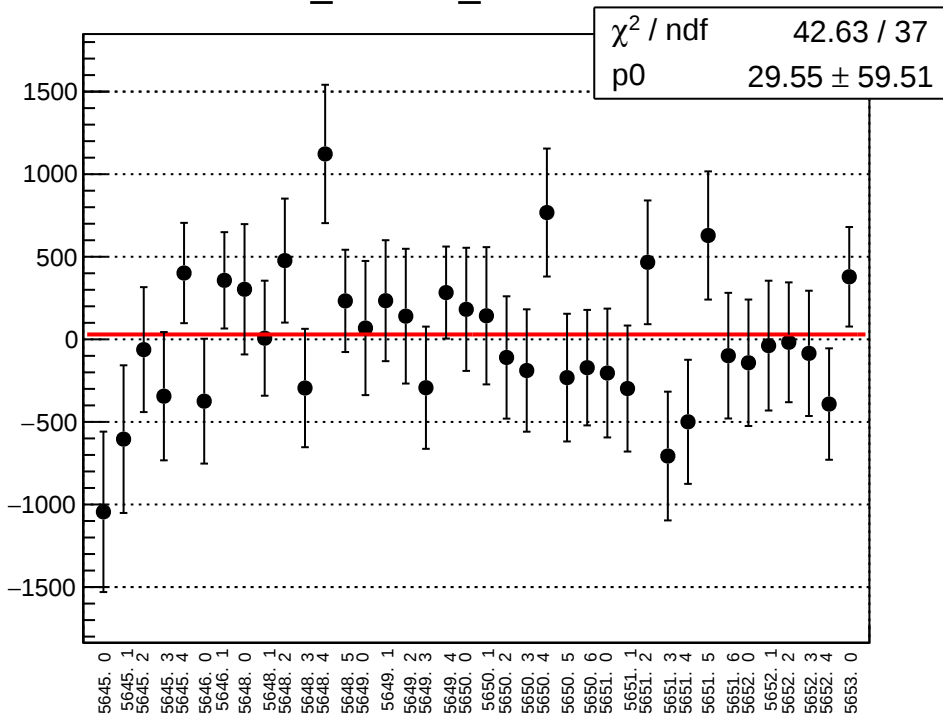
diff_bpm1p03aY_mean vs run



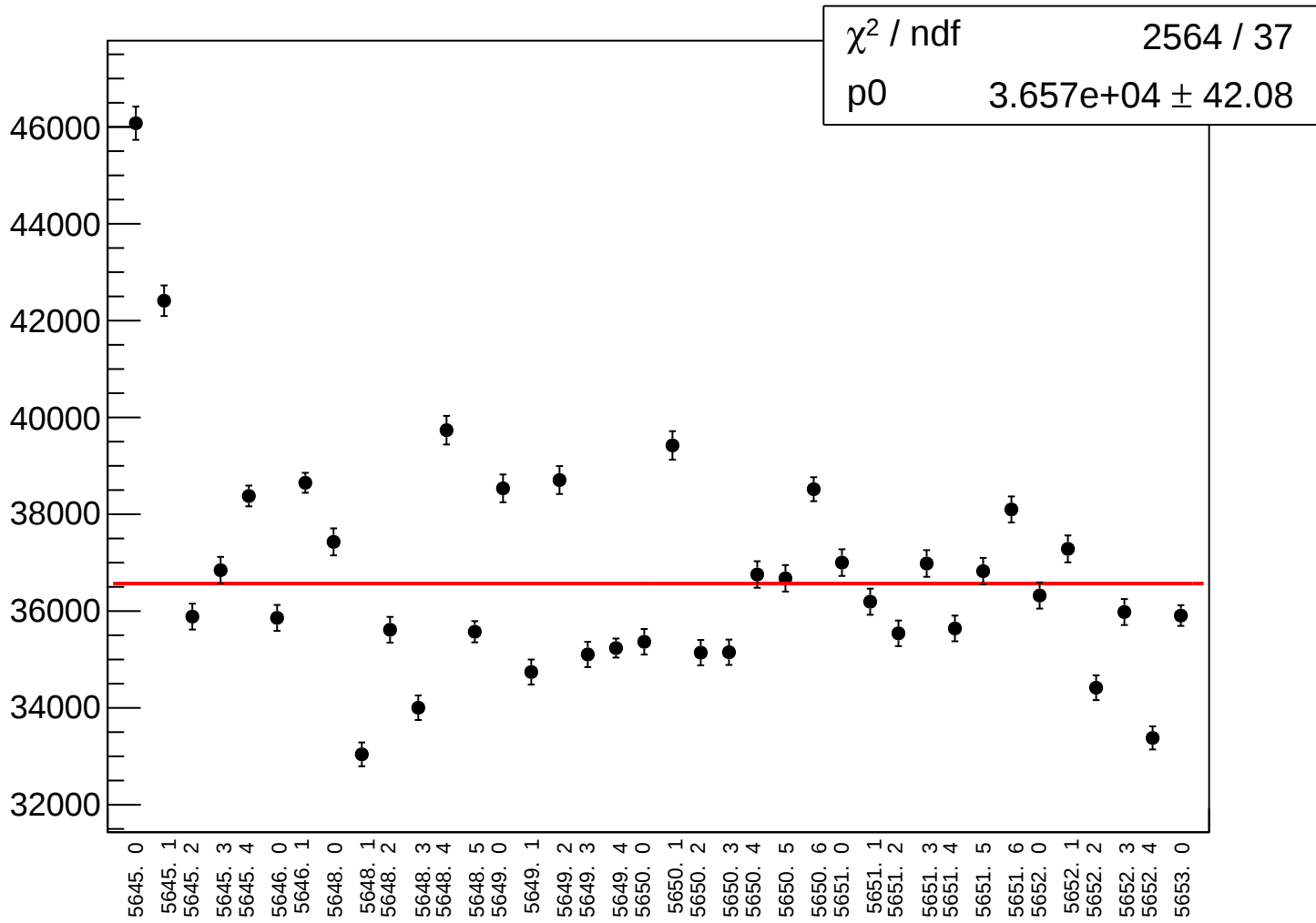
diff_bpm1p03aY_rms vs run



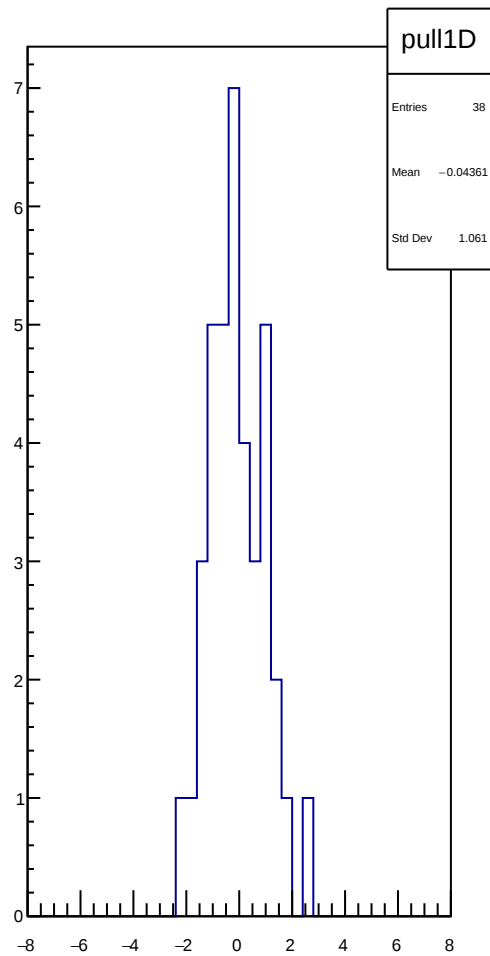
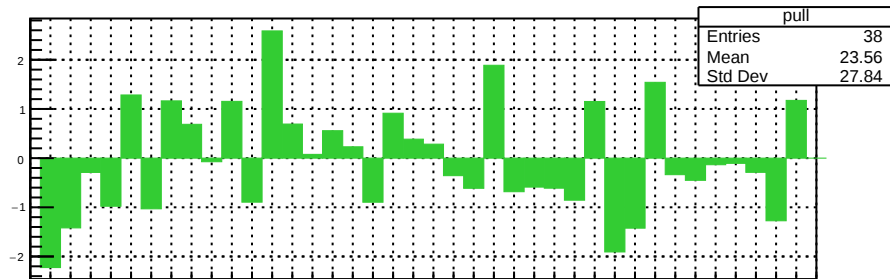
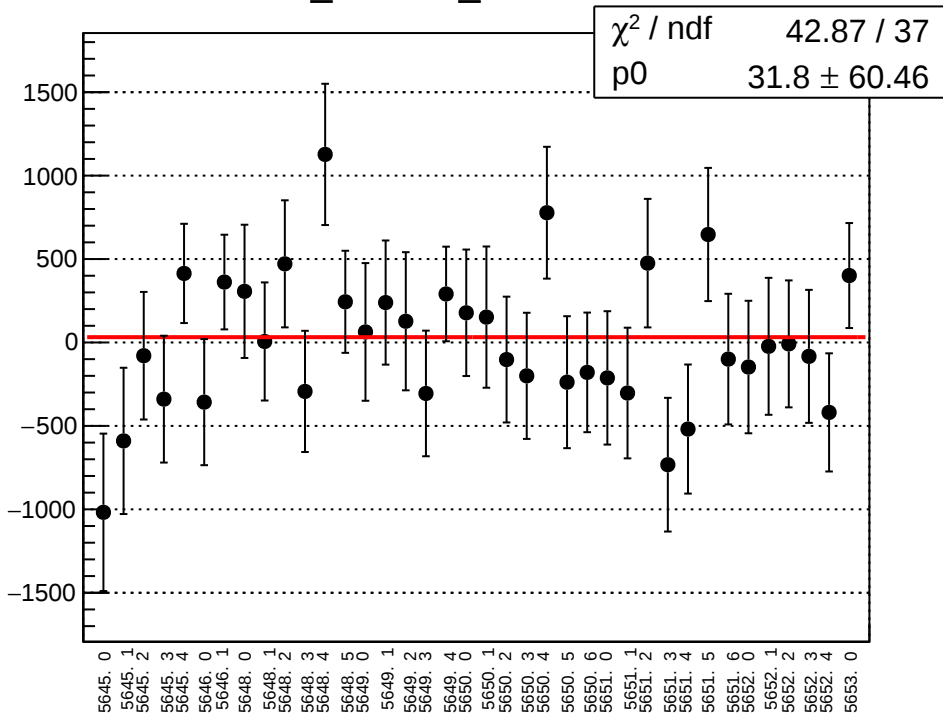
diff_cav4bX_mean vs run



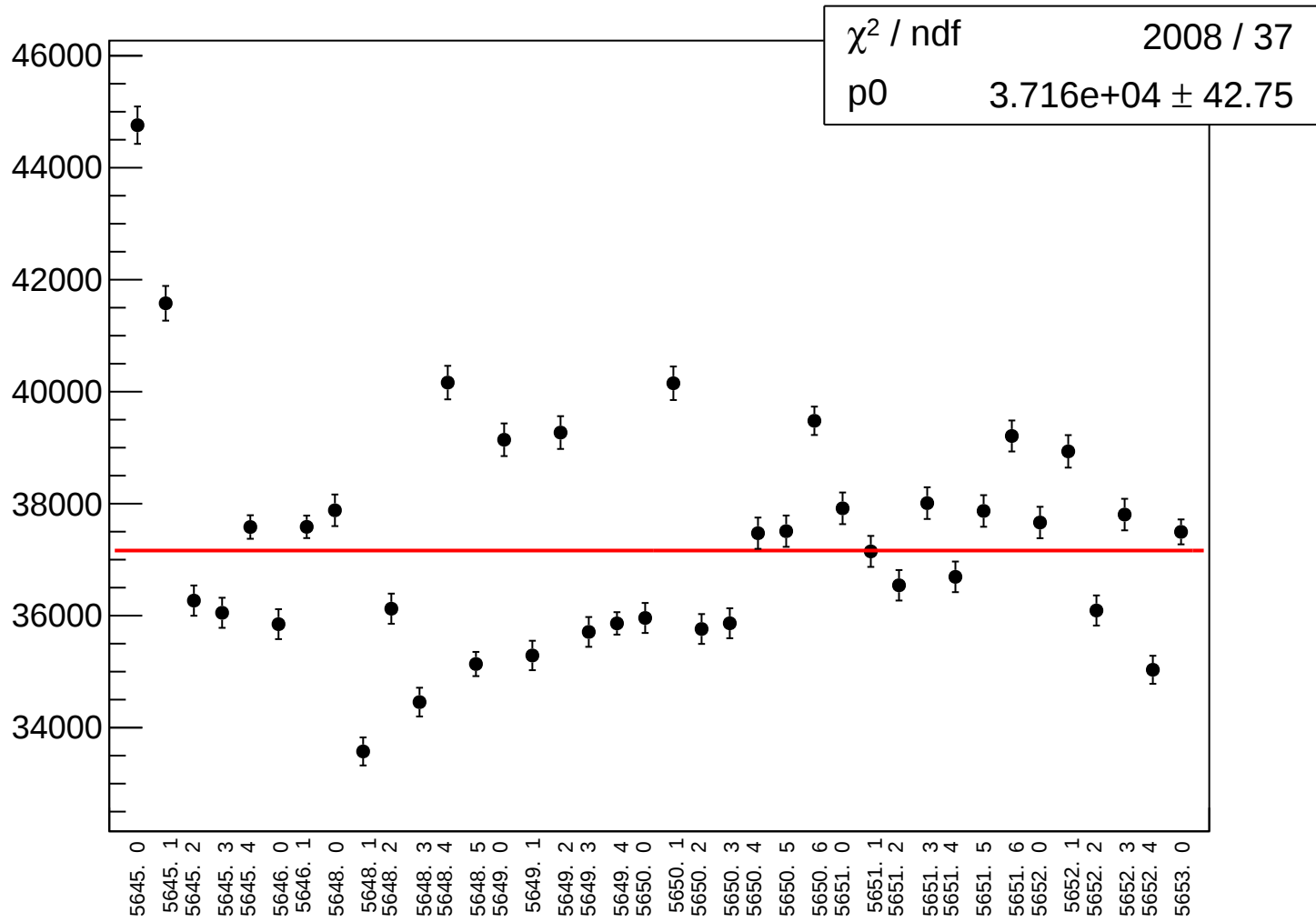
diff_cav4bX_rms vs run



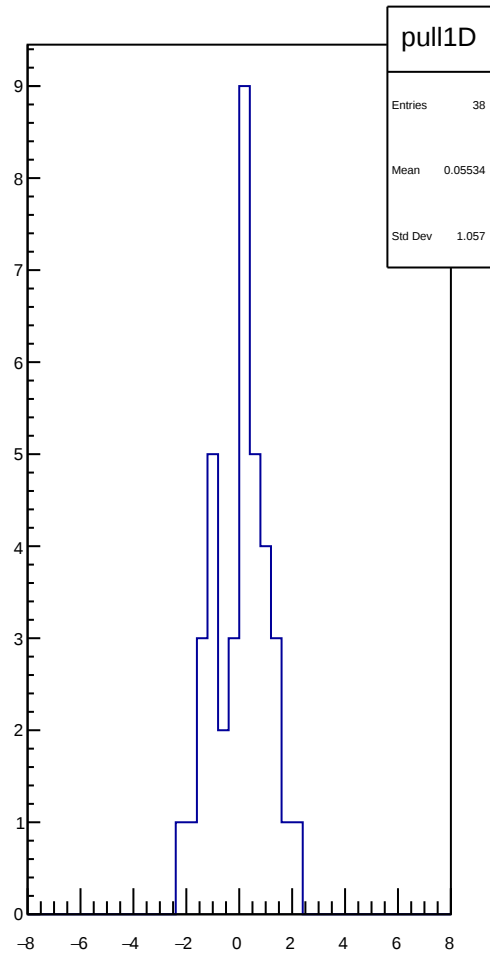
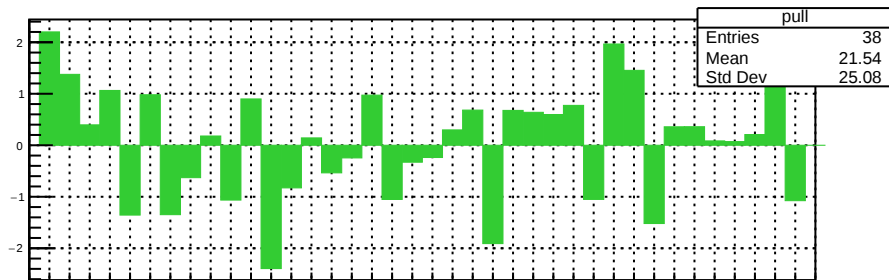
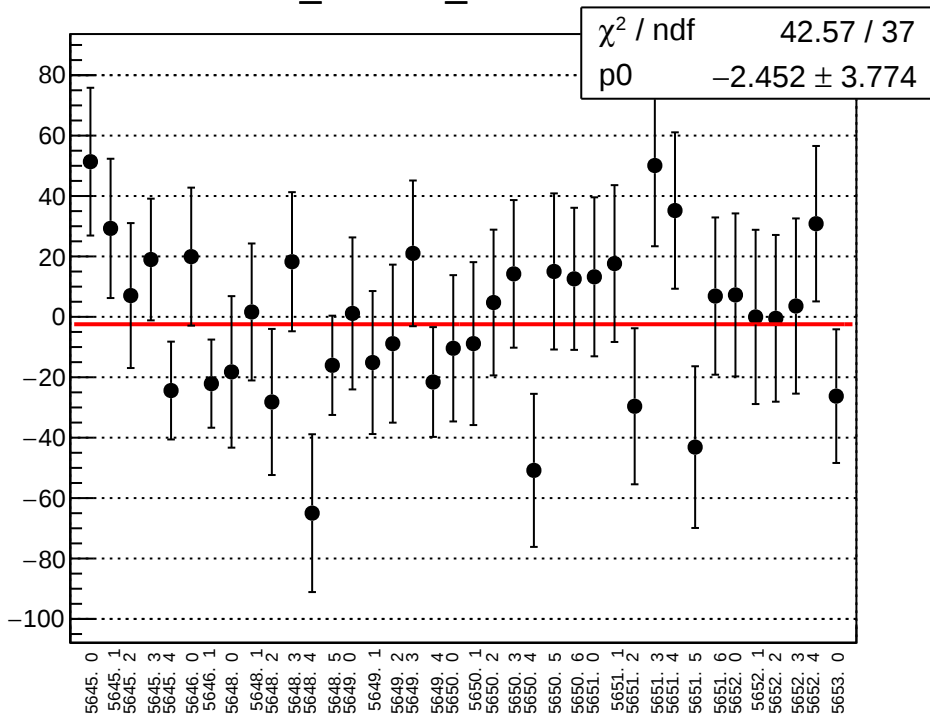
diff_cav4bY_mean vs run



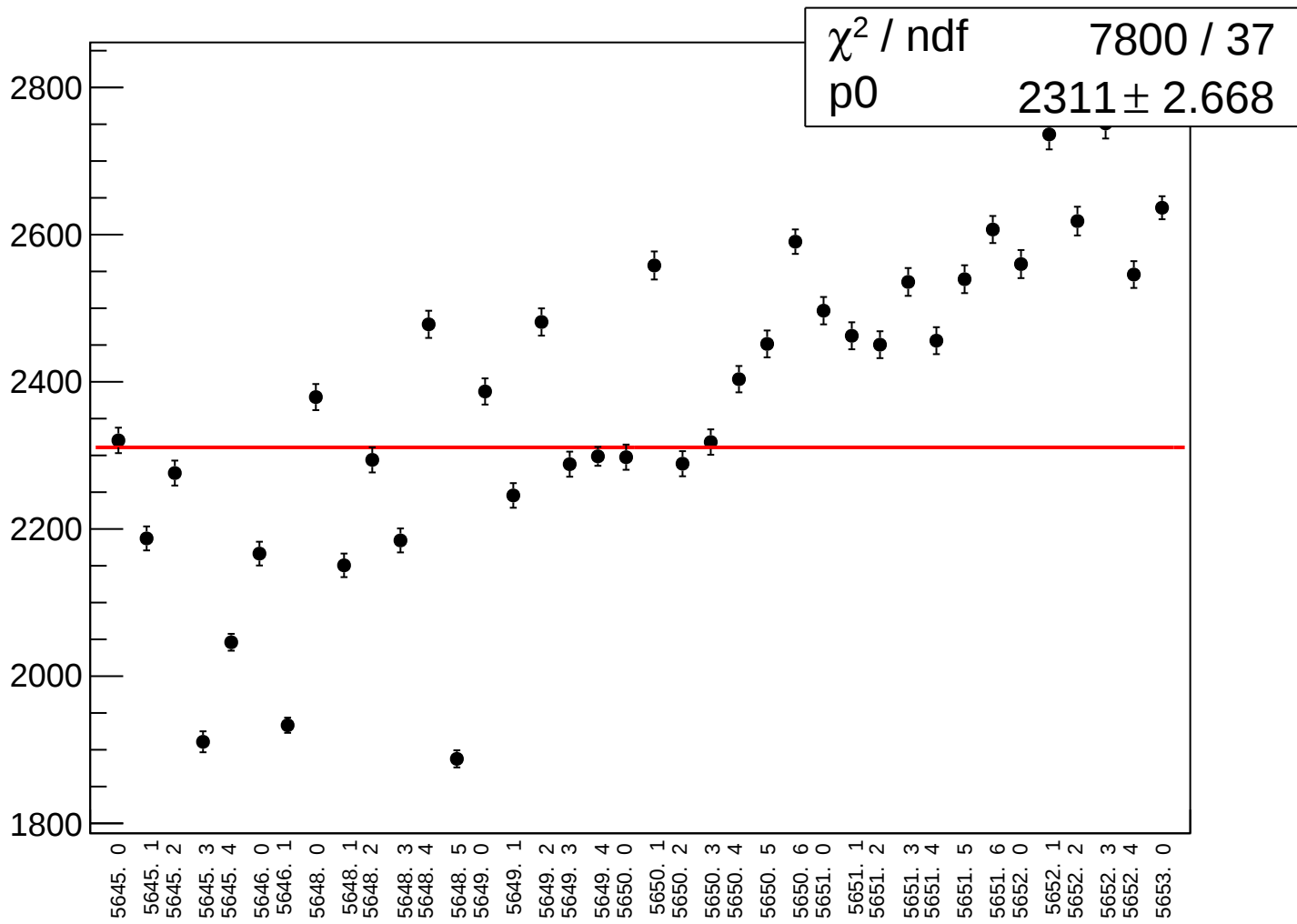
diff_cav4bY_rms vs run



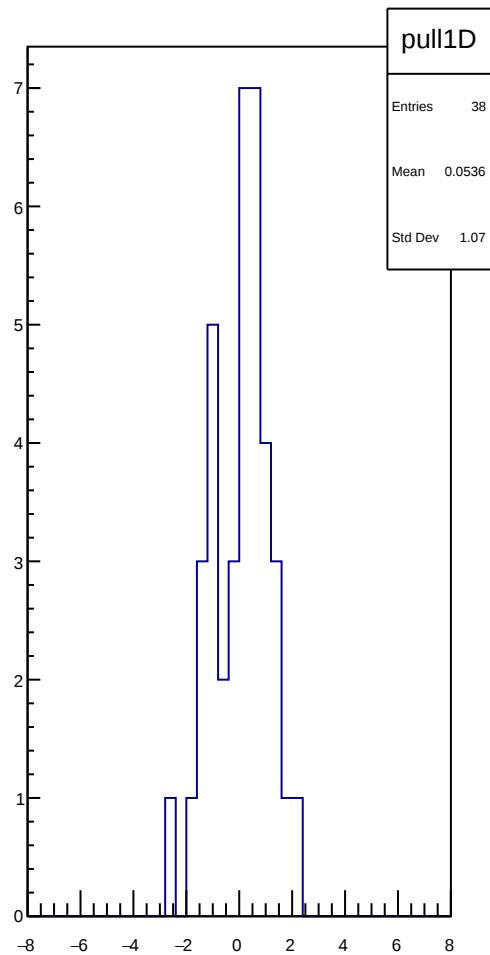
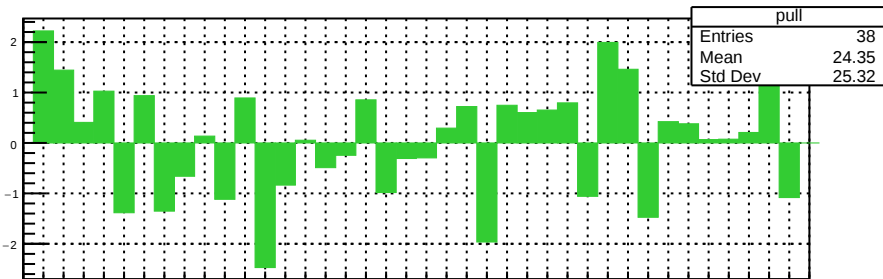
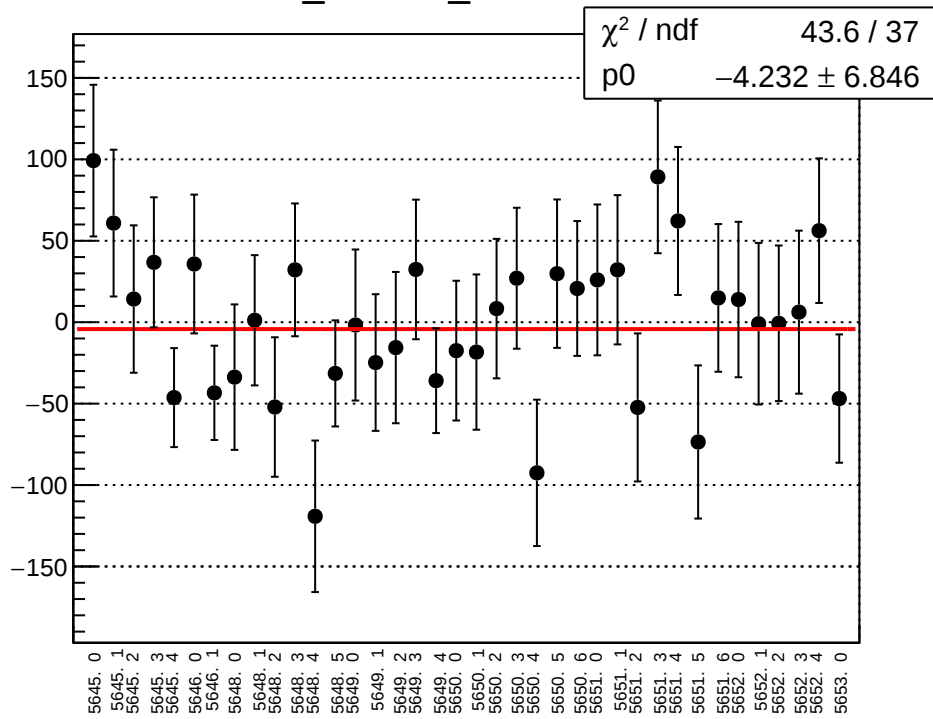
diff_cav4cX_mean vs run



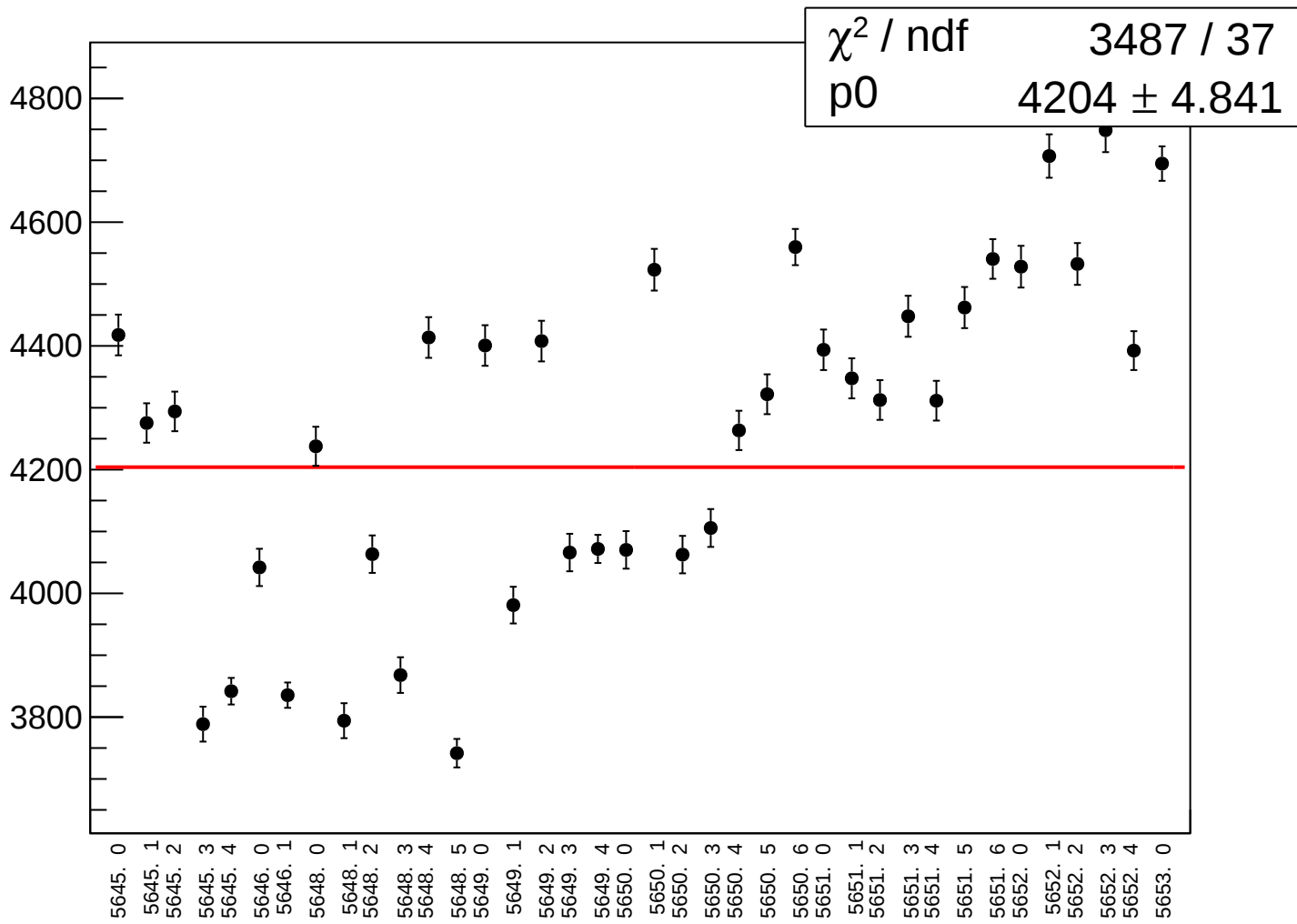
diff_cav4cX_rms vs run



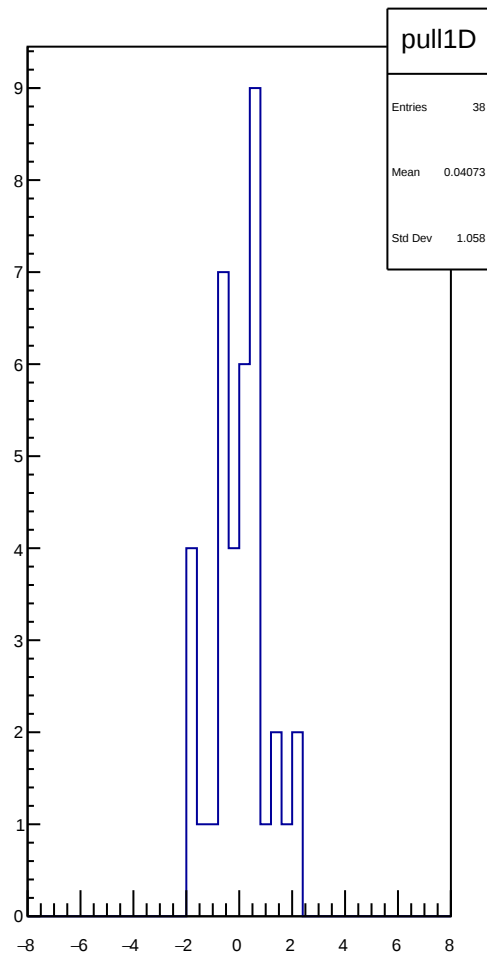
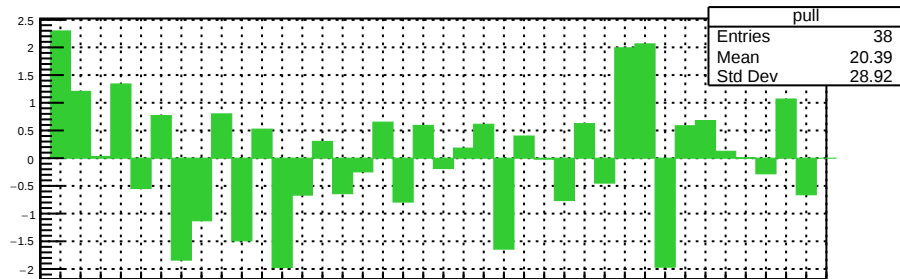
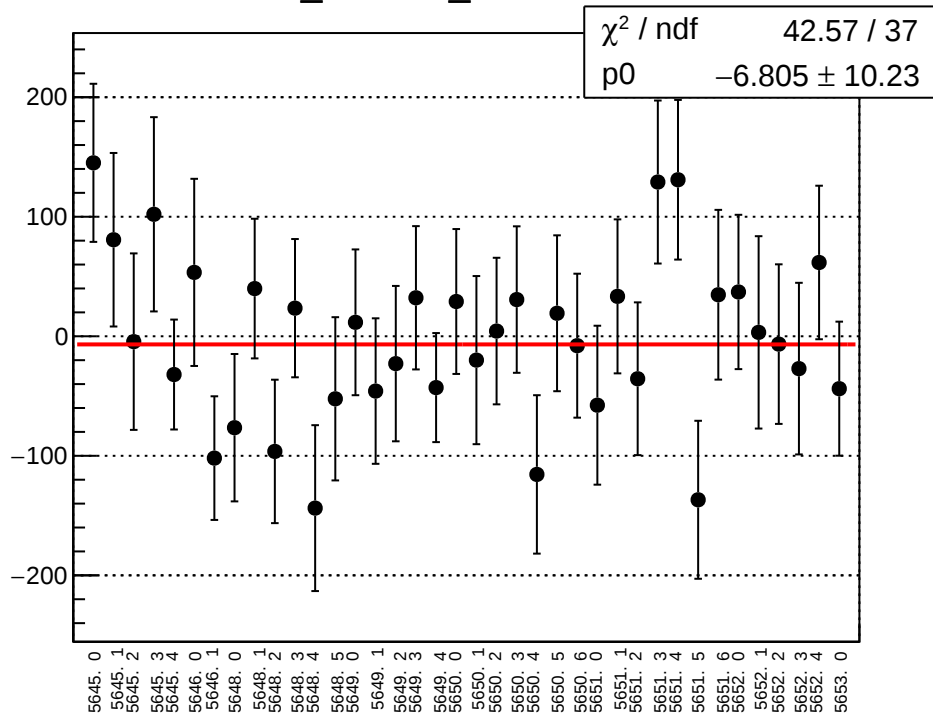
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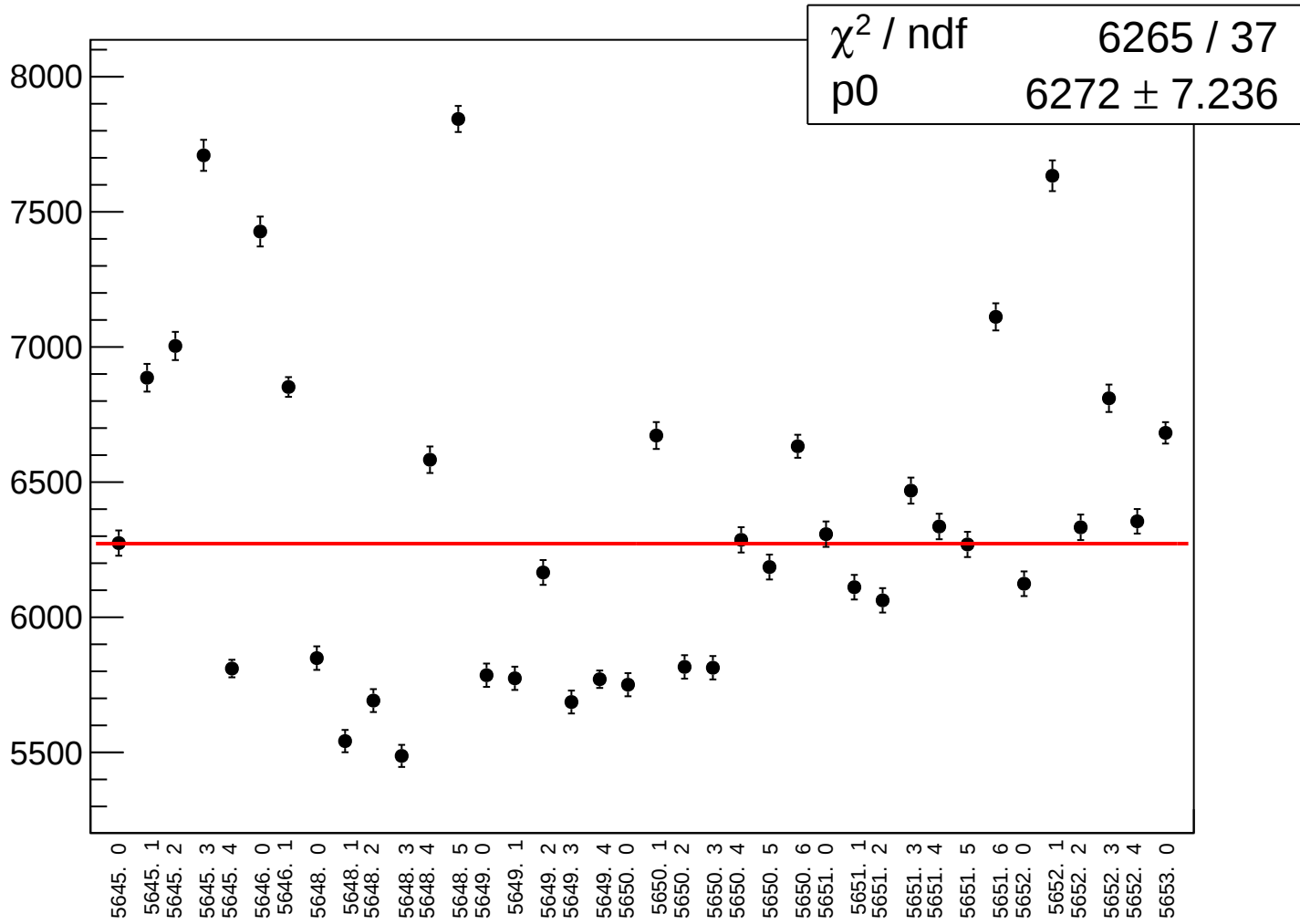
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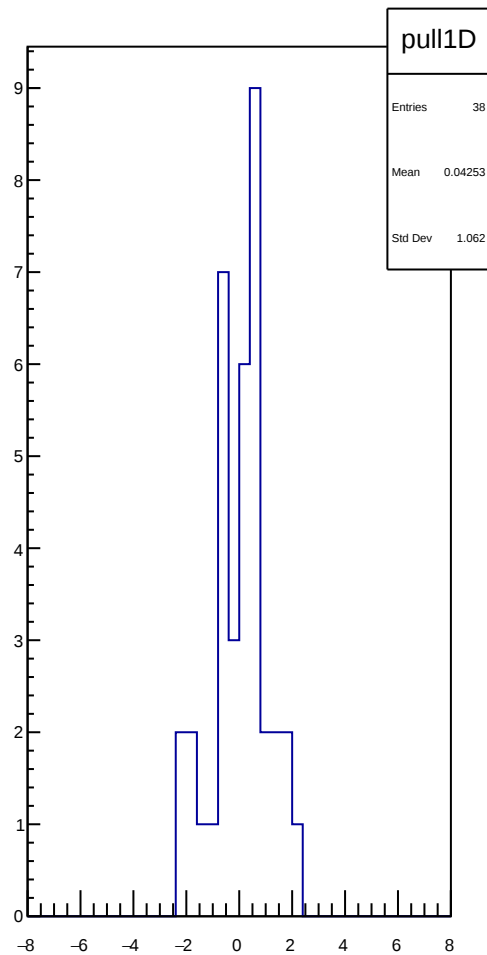
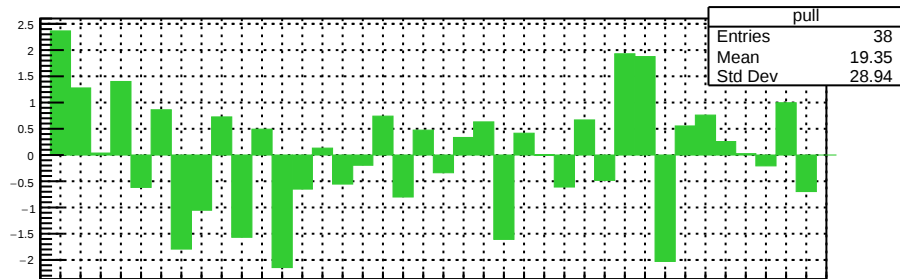
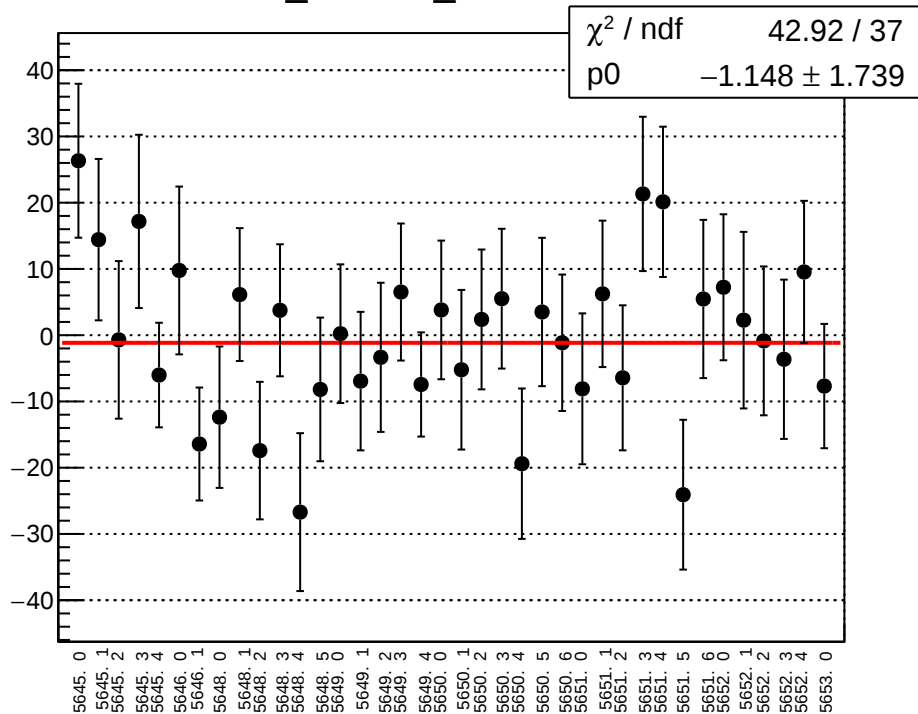
diff_cav4dX_mean vs run



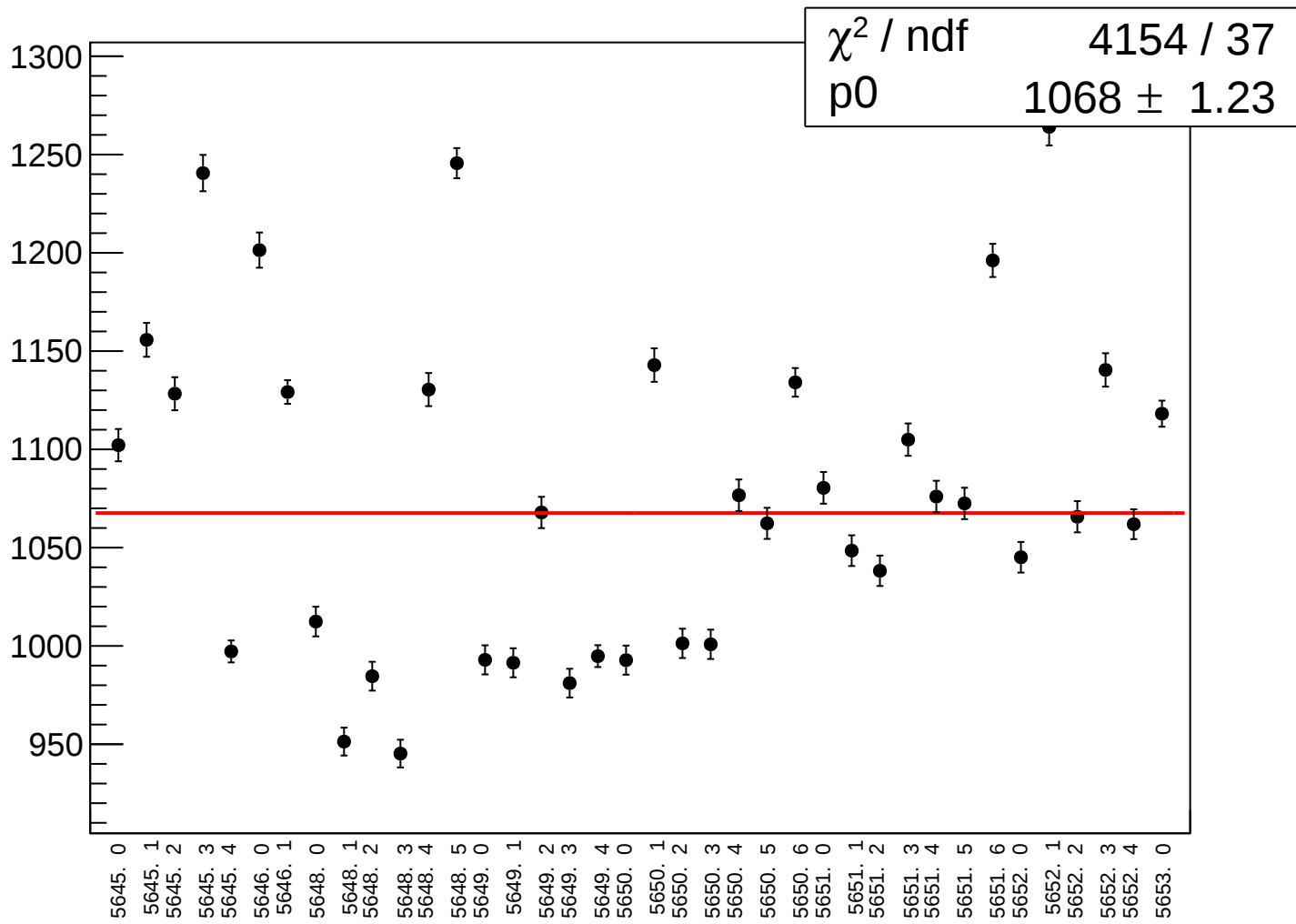
diff_cav4dX_rms vs run



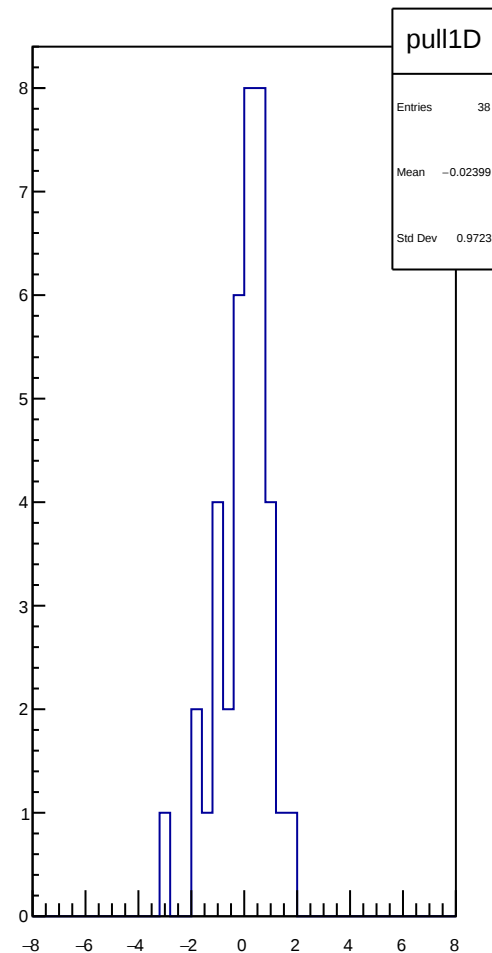
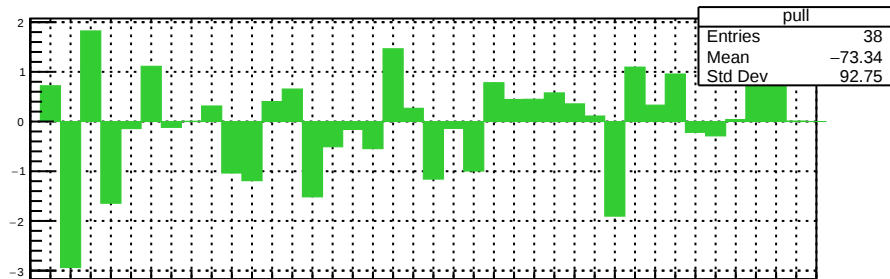
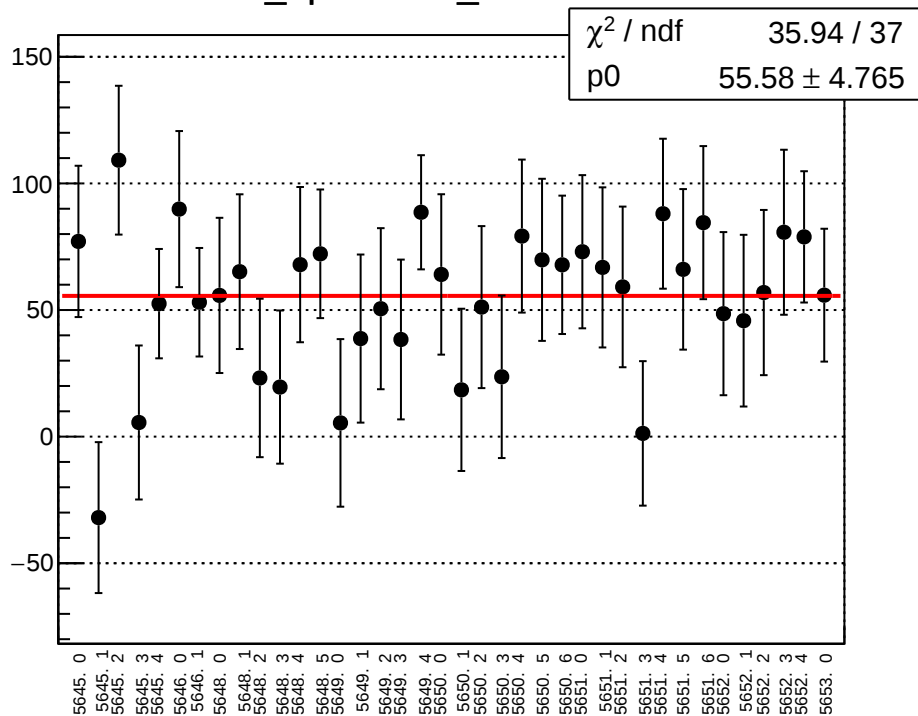
diff_cav4dY_mean vs run



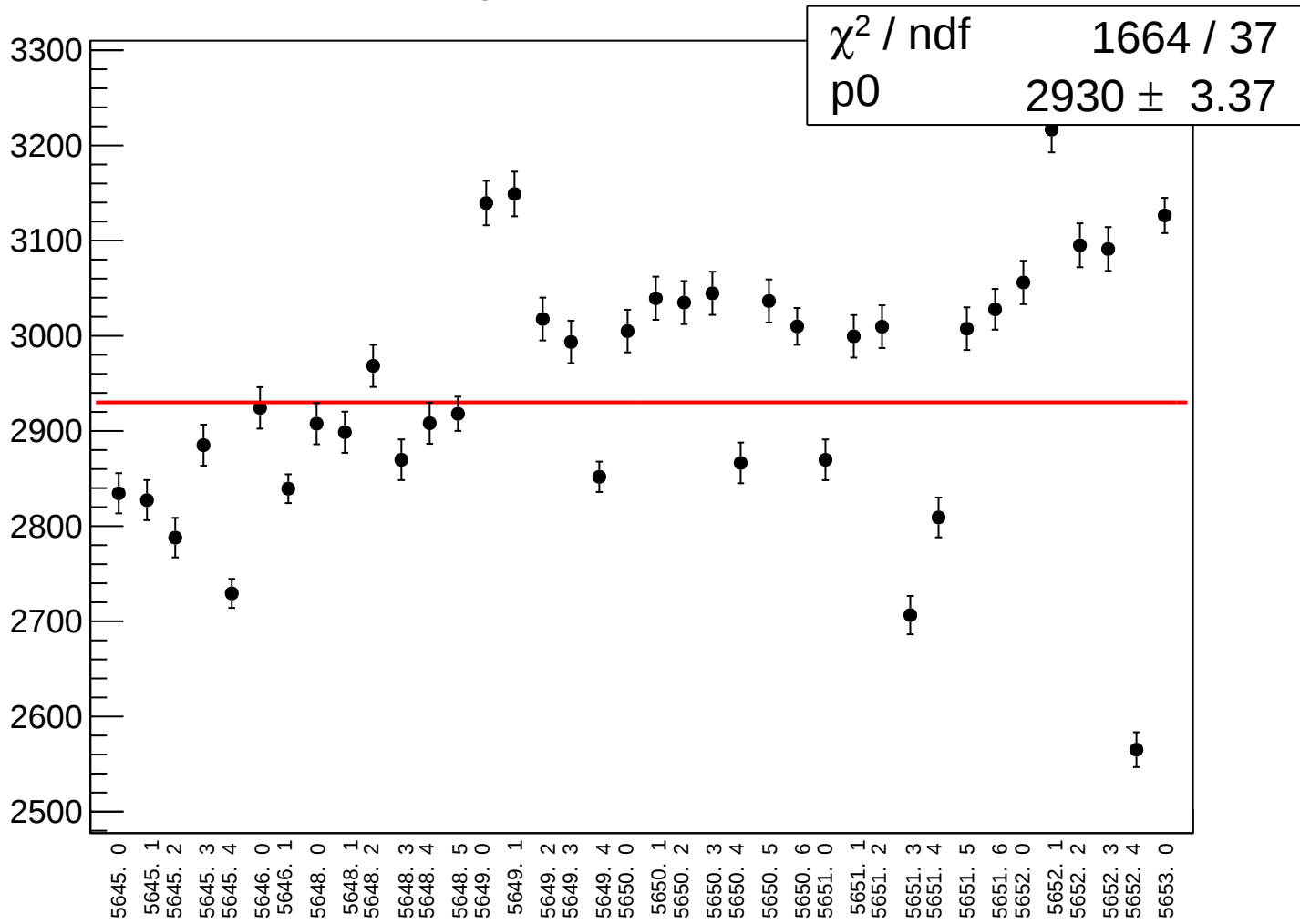
diff_cav4dY_rms vs run



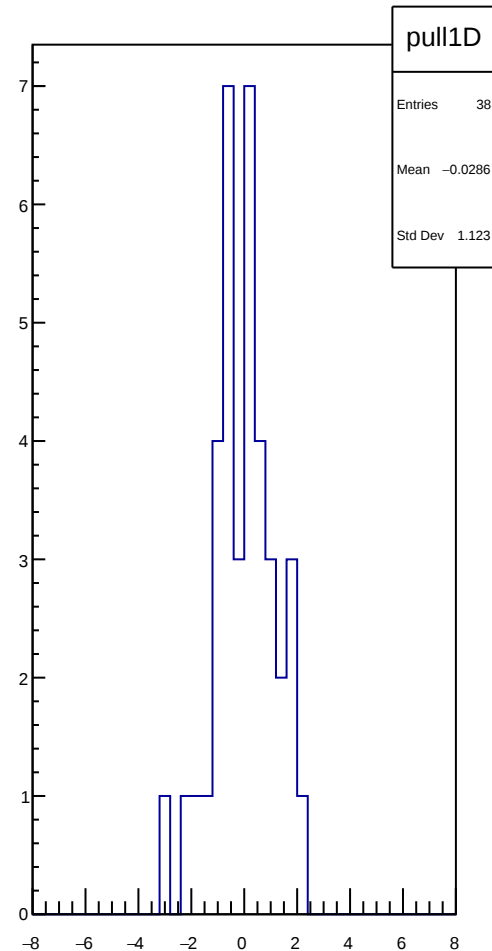
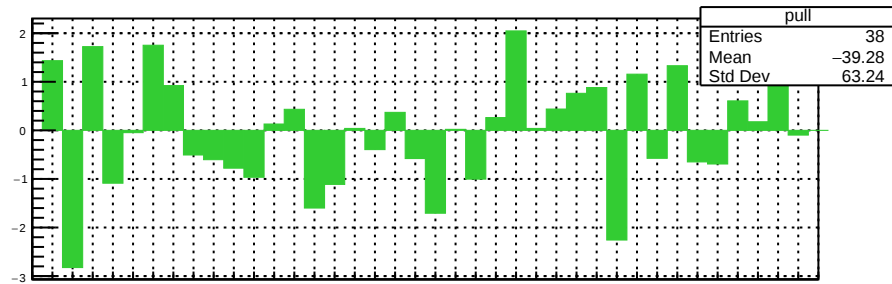
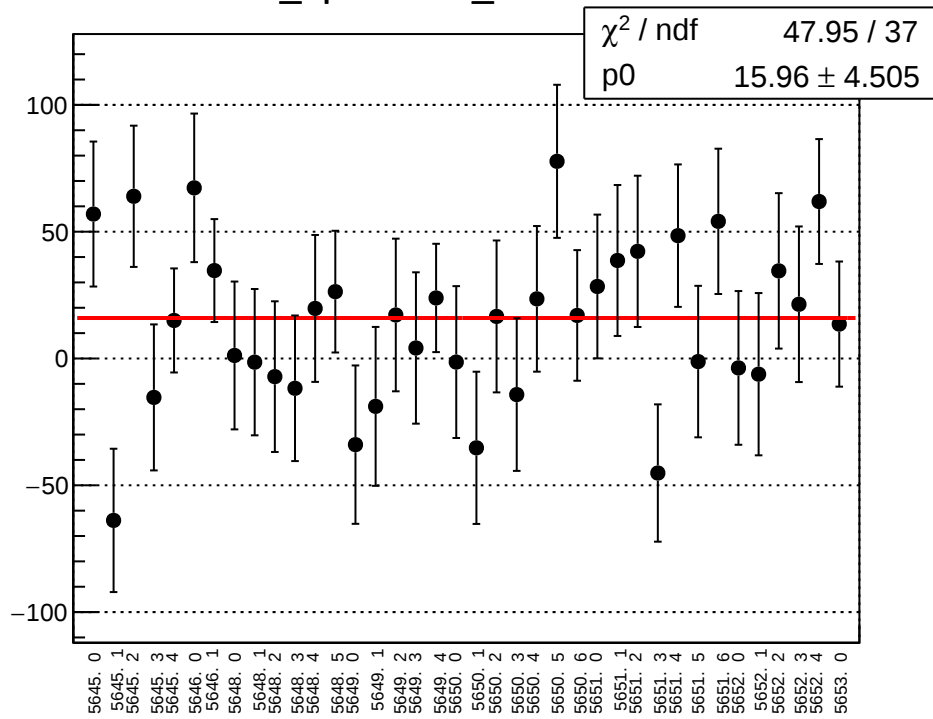
diff_bpm0i01X_mean vs run



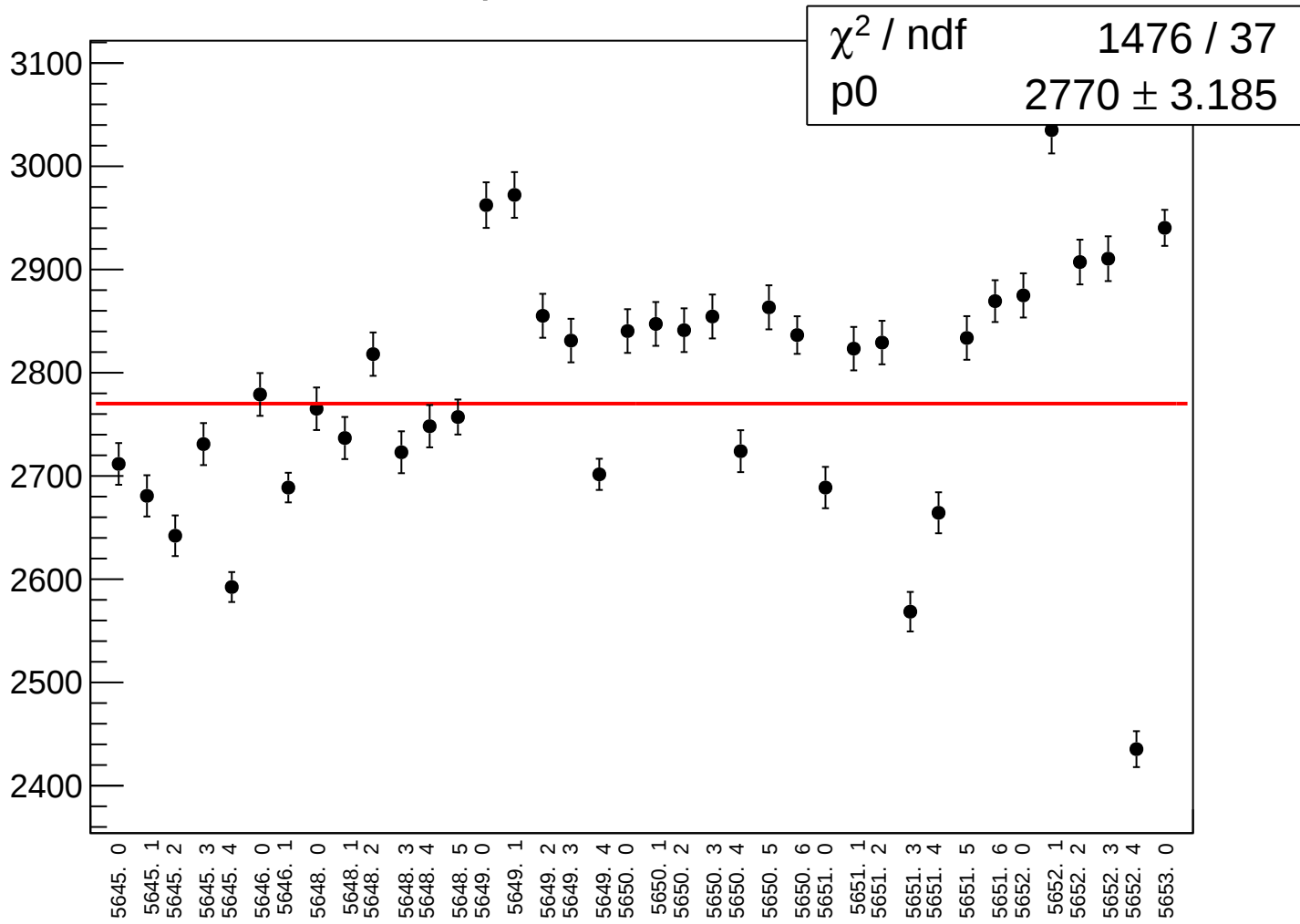
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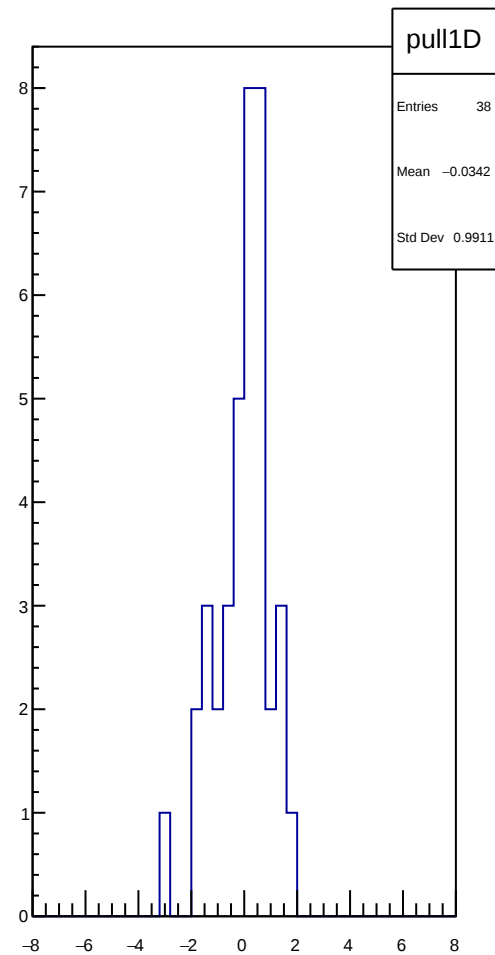
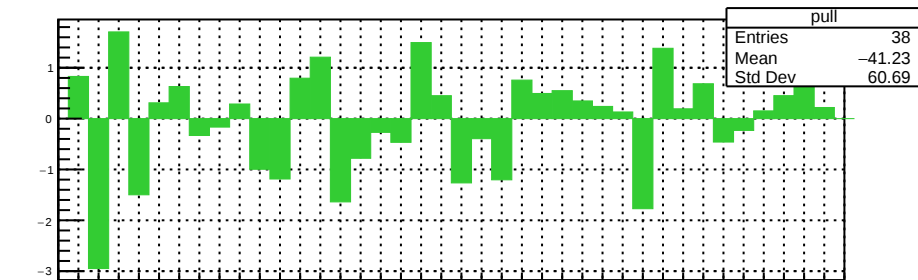
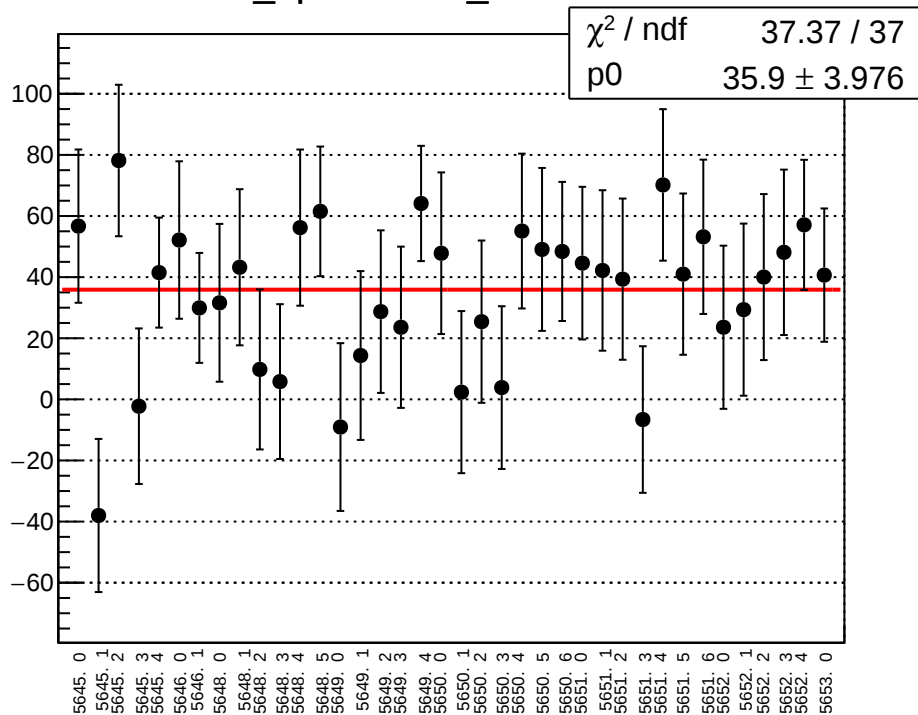
diff_bpm0i01Y_mean vs run



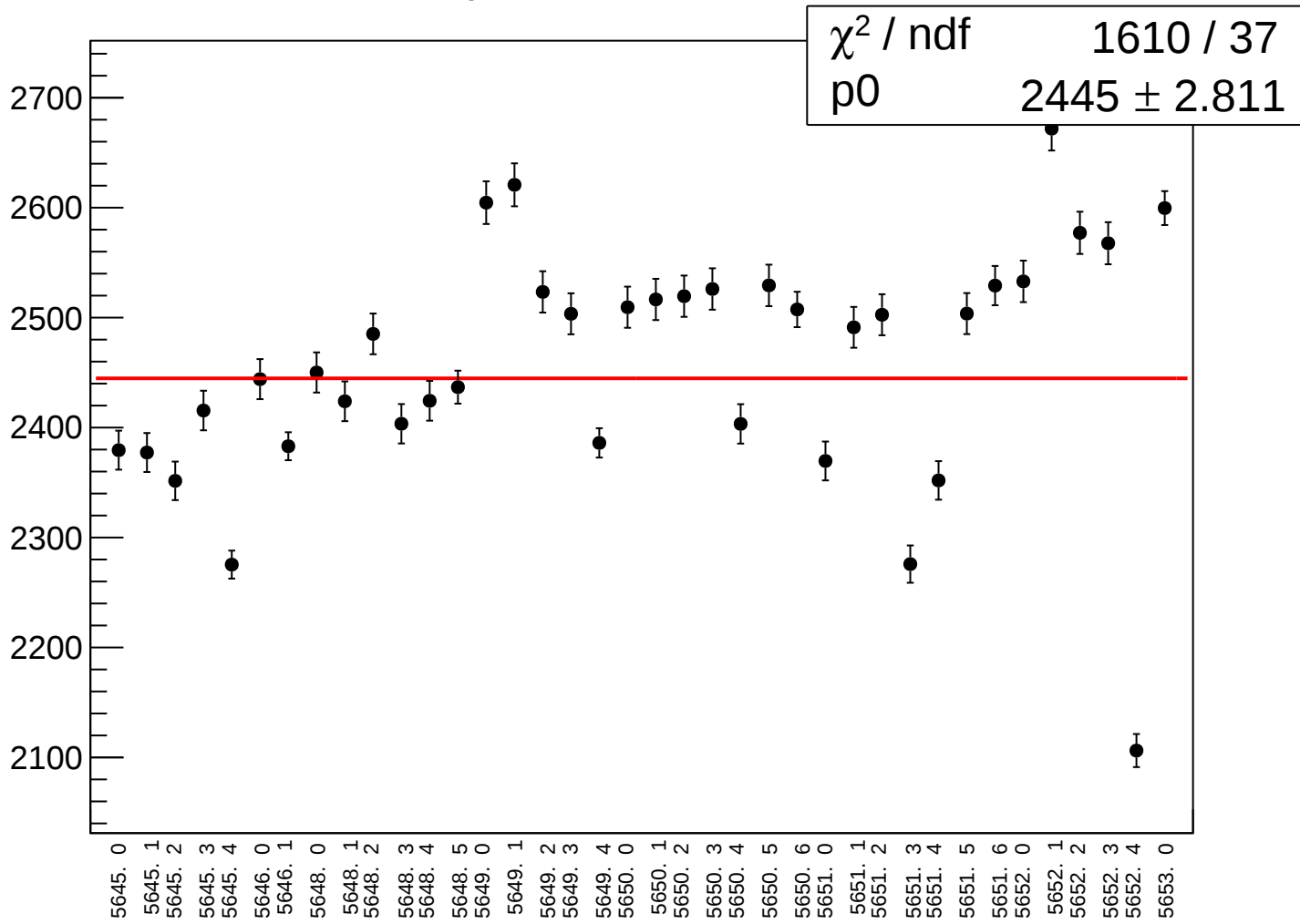
diff_bpm0i01Y_rms vs run



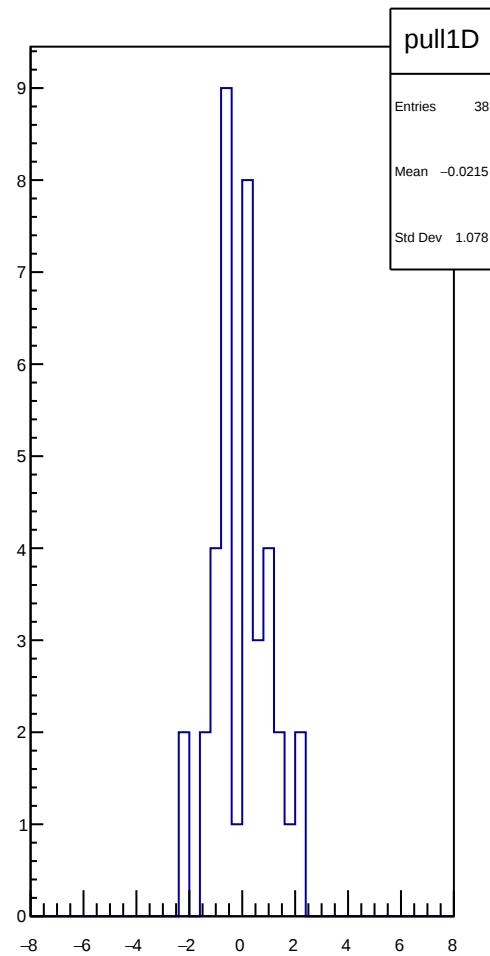
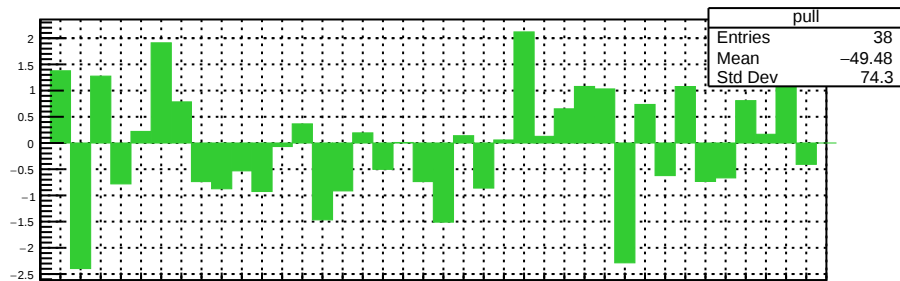
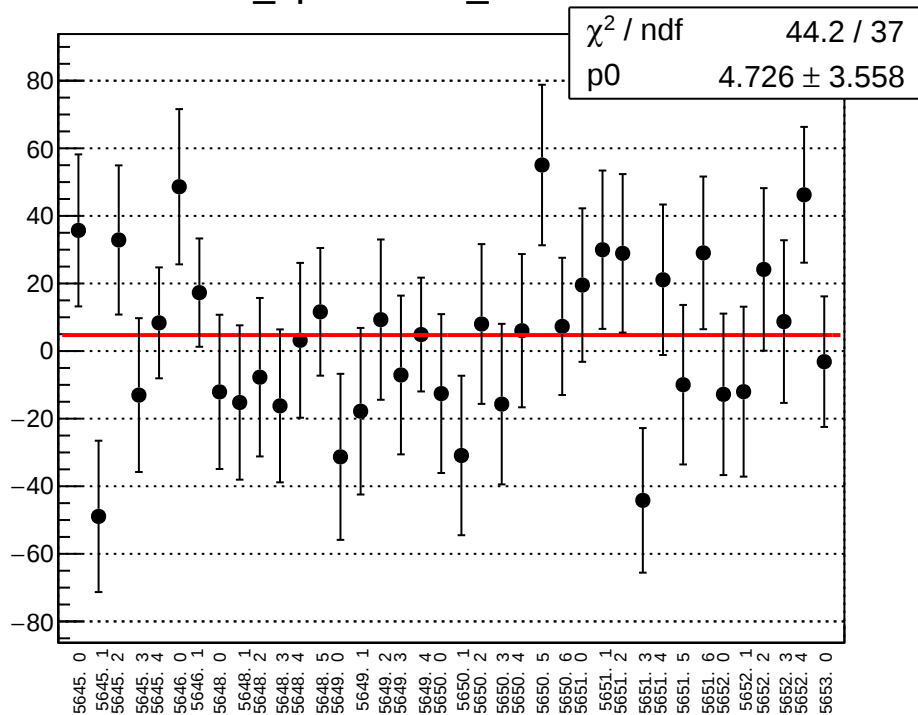
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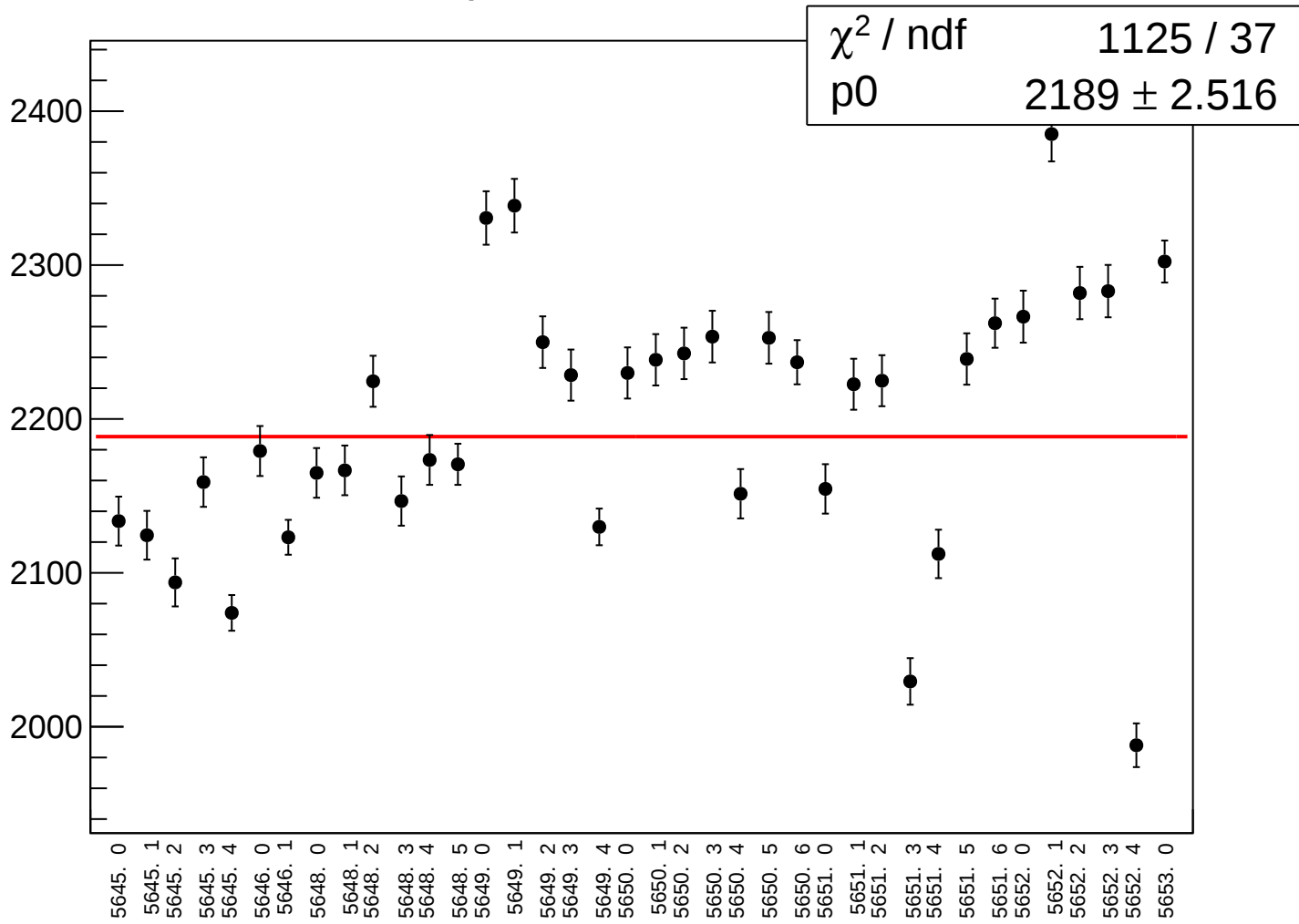
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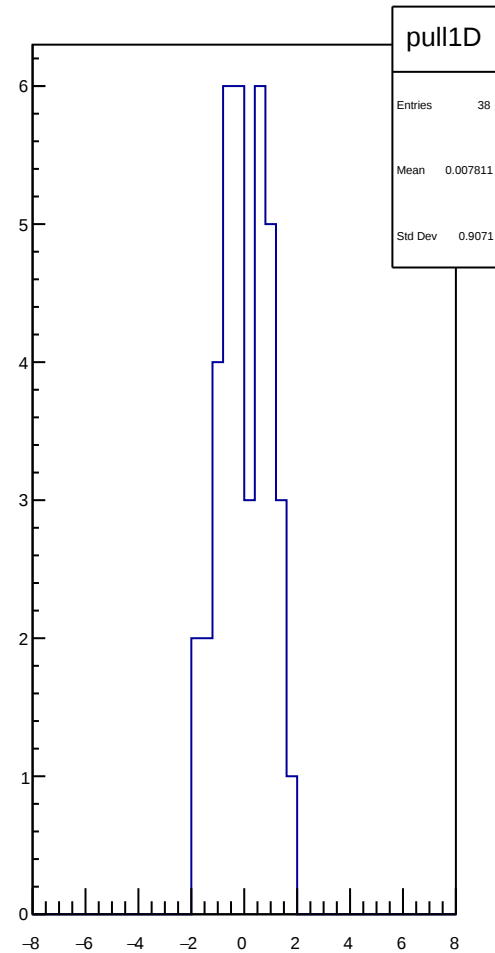
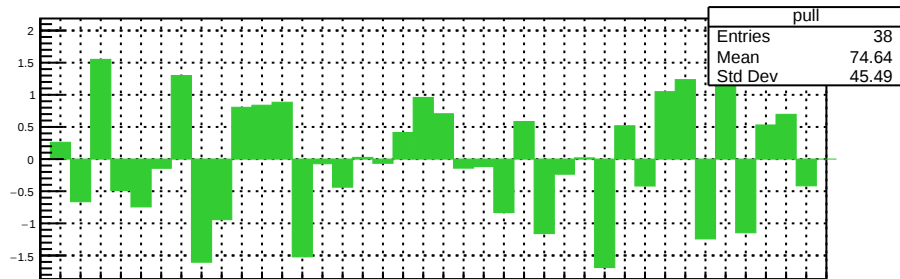
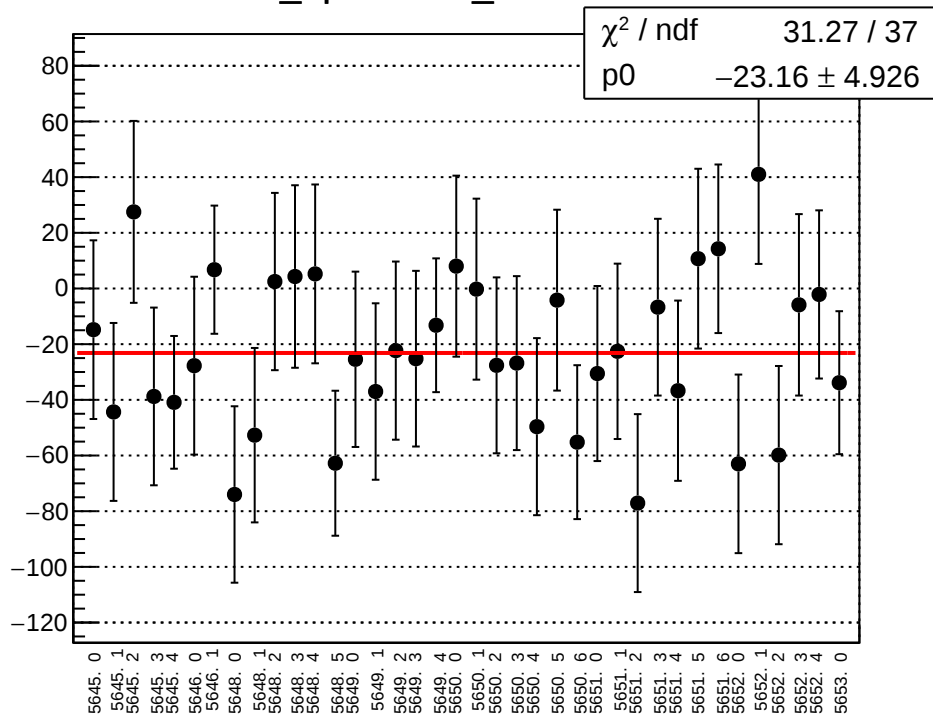
diff_bpm0i01aY_mean vs run



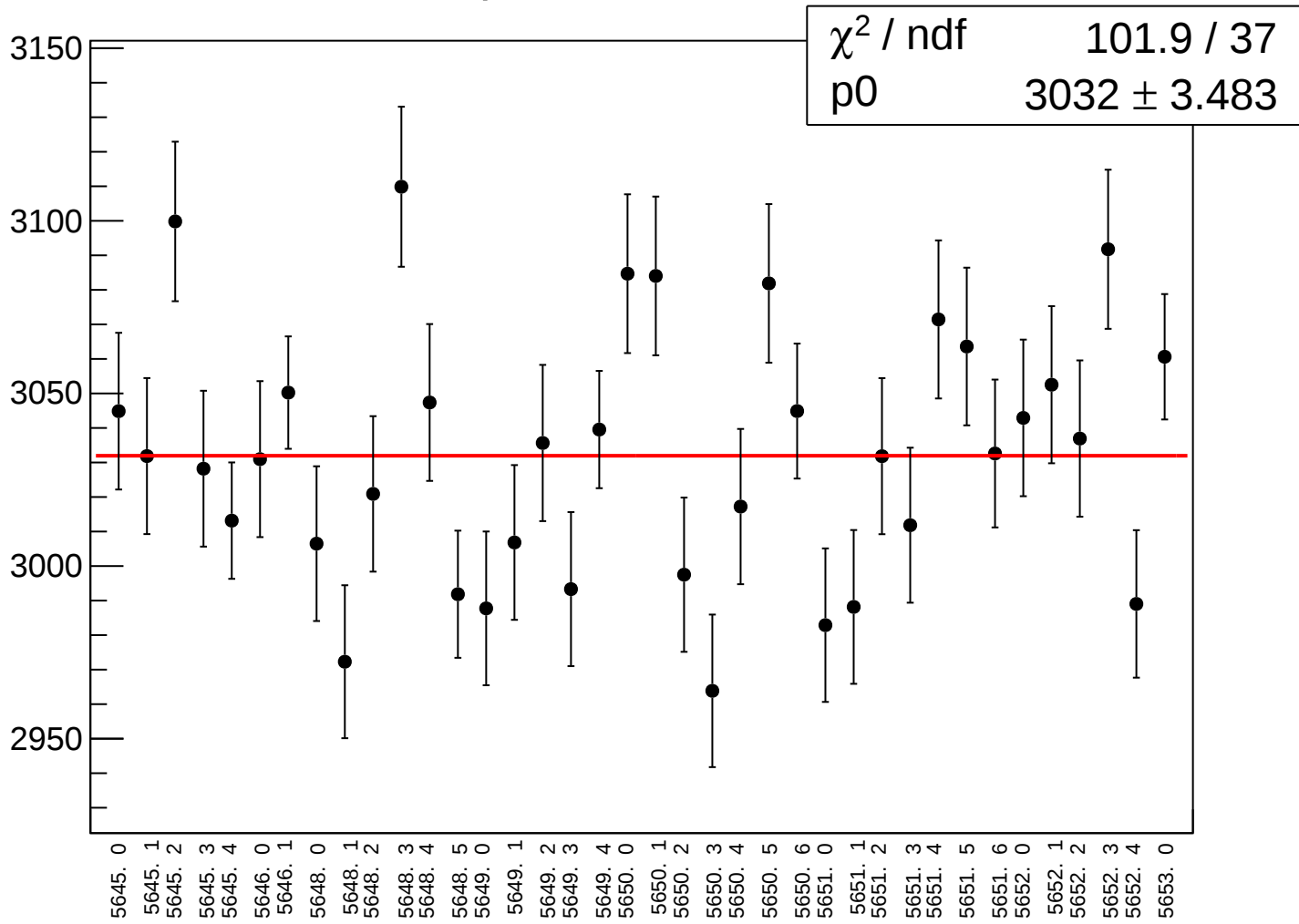
diff_bpm0i01aY_rms vs run



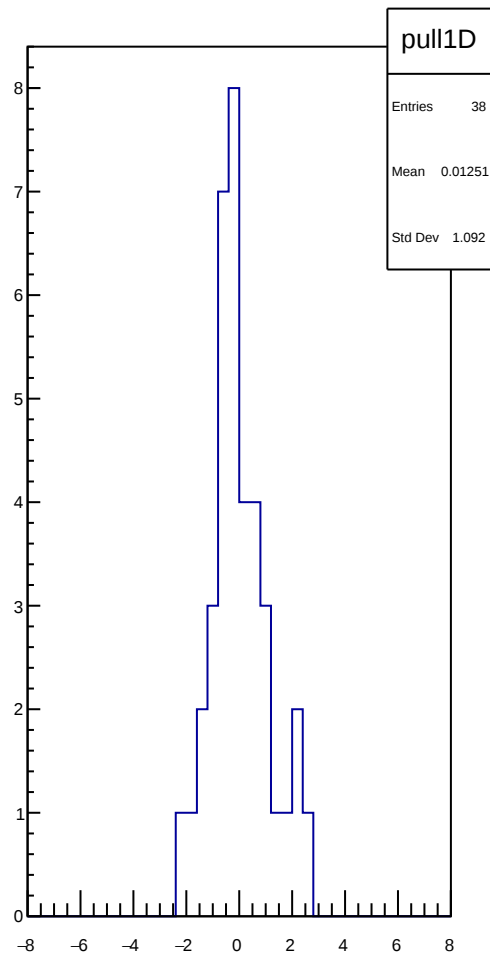
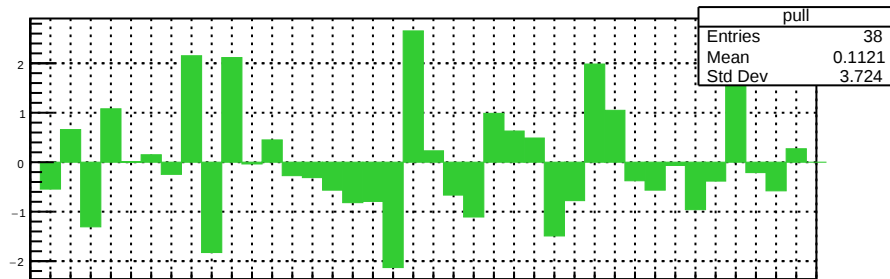
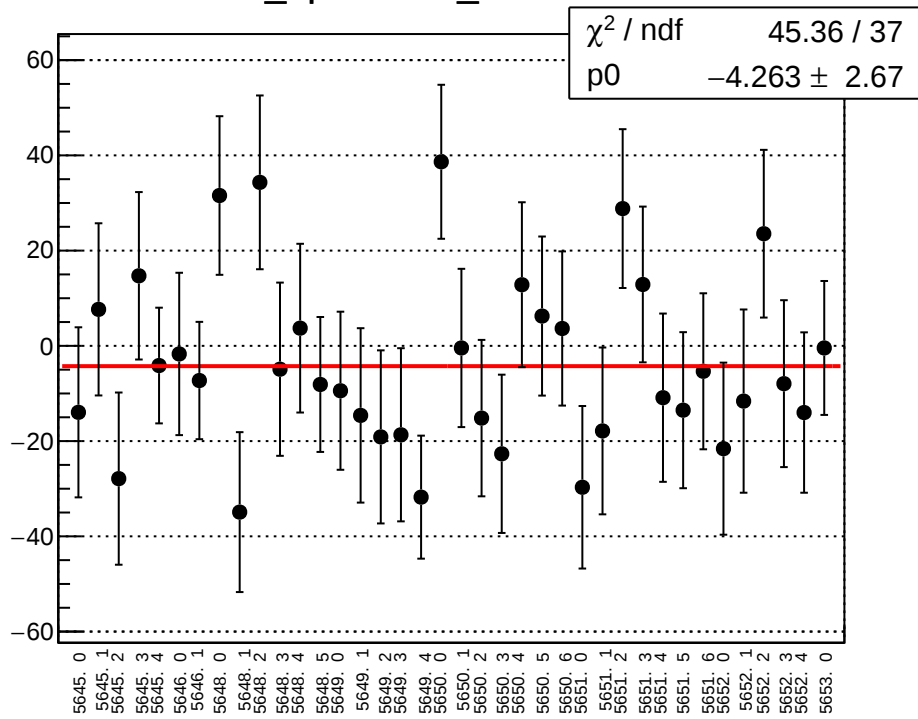
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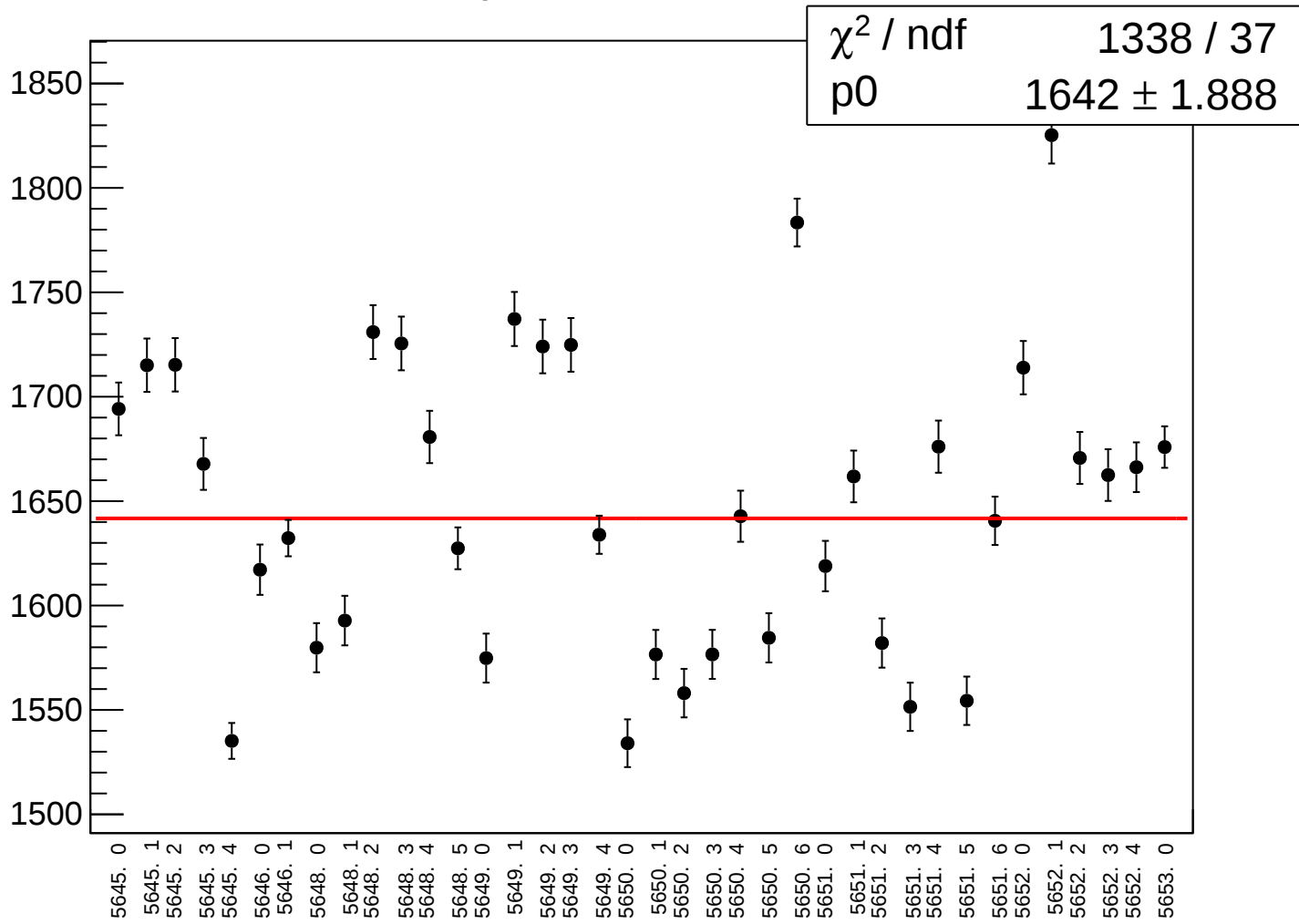
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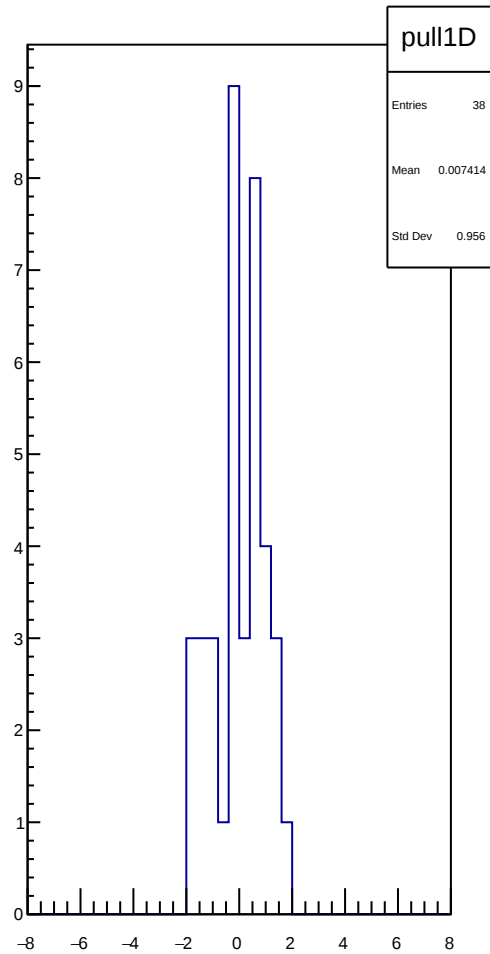
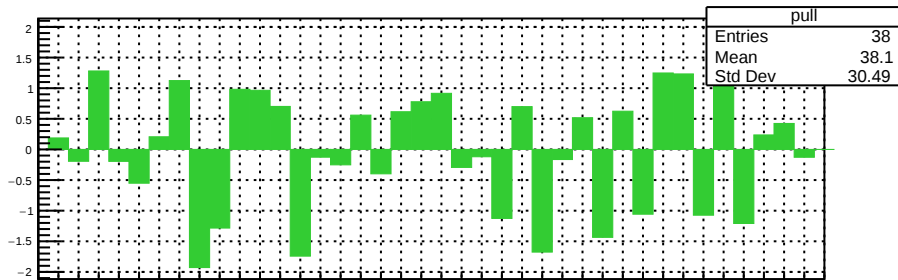
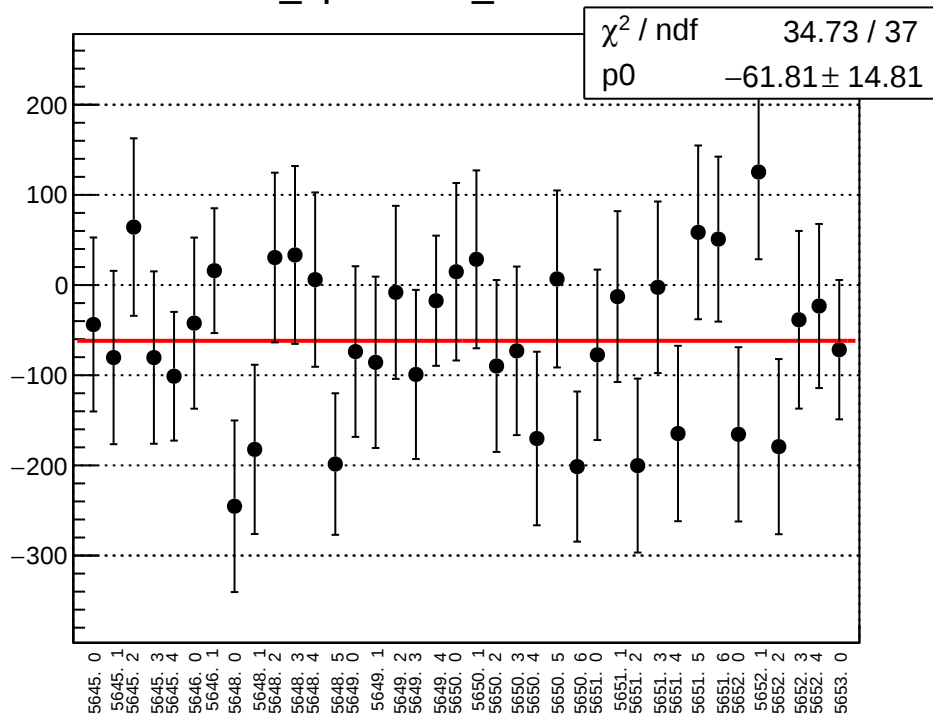
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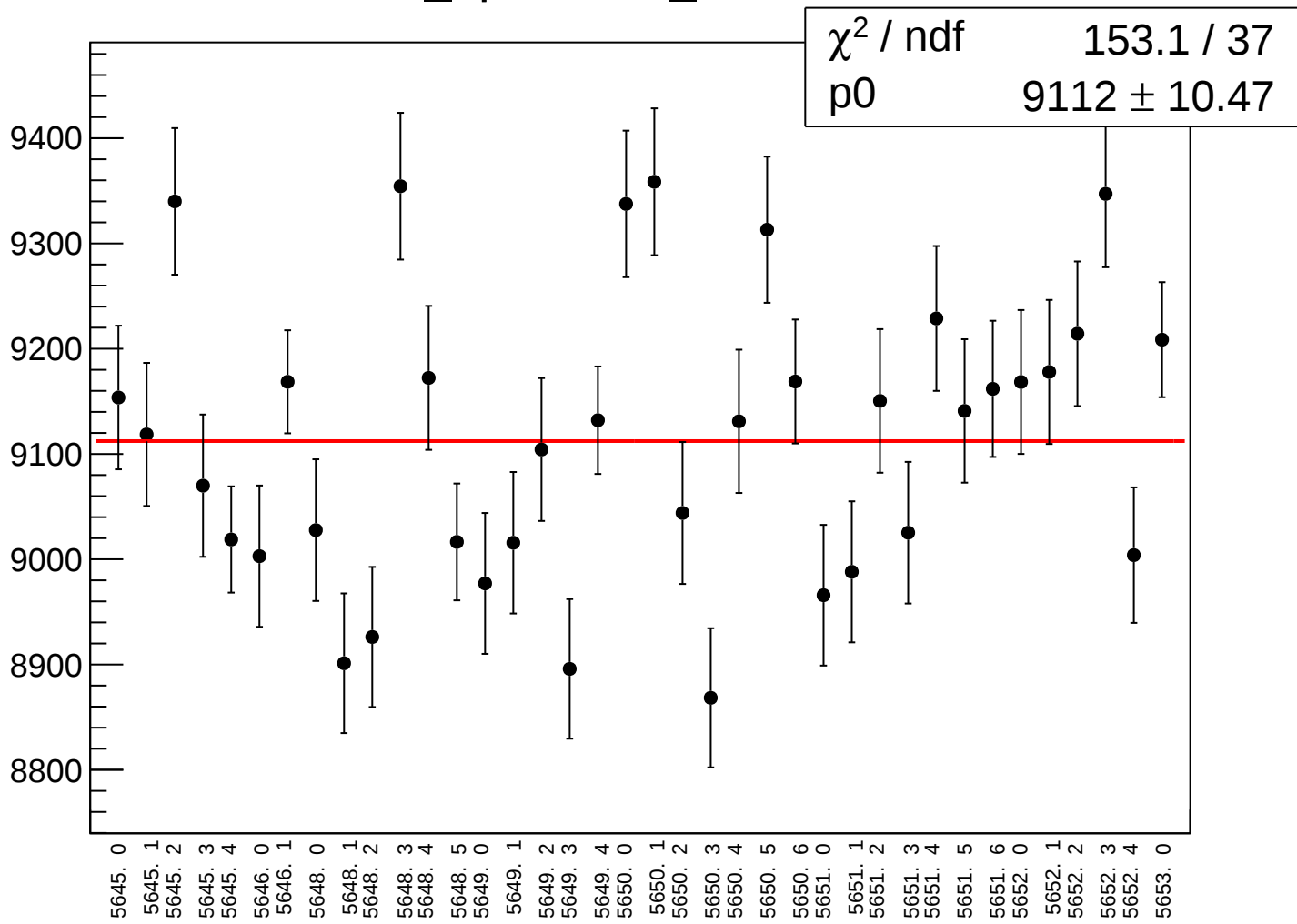
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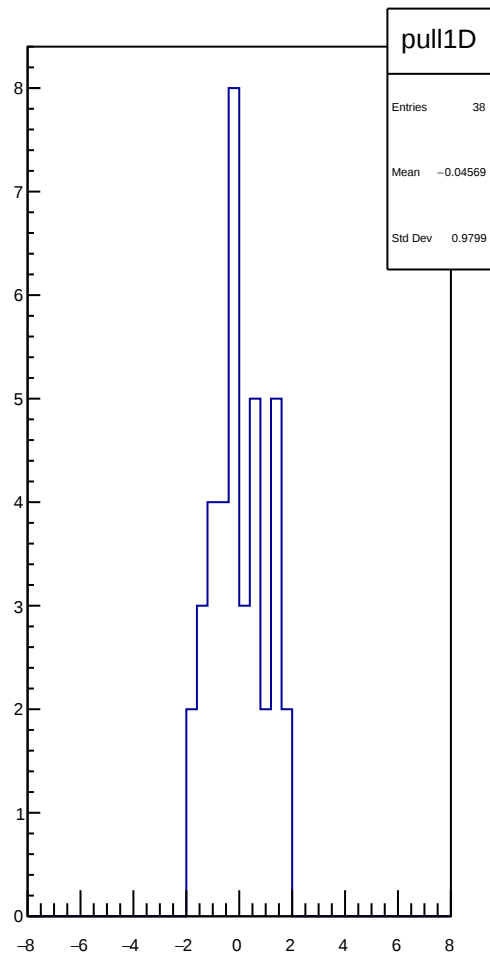
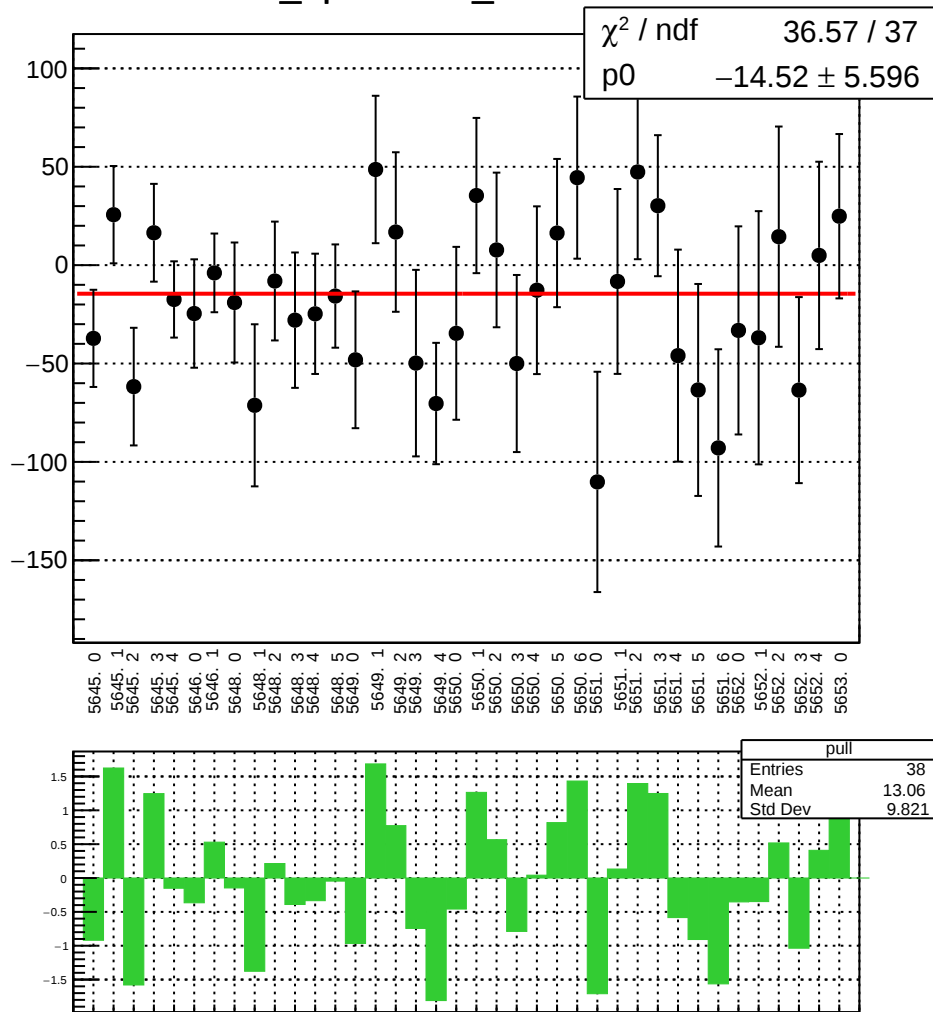
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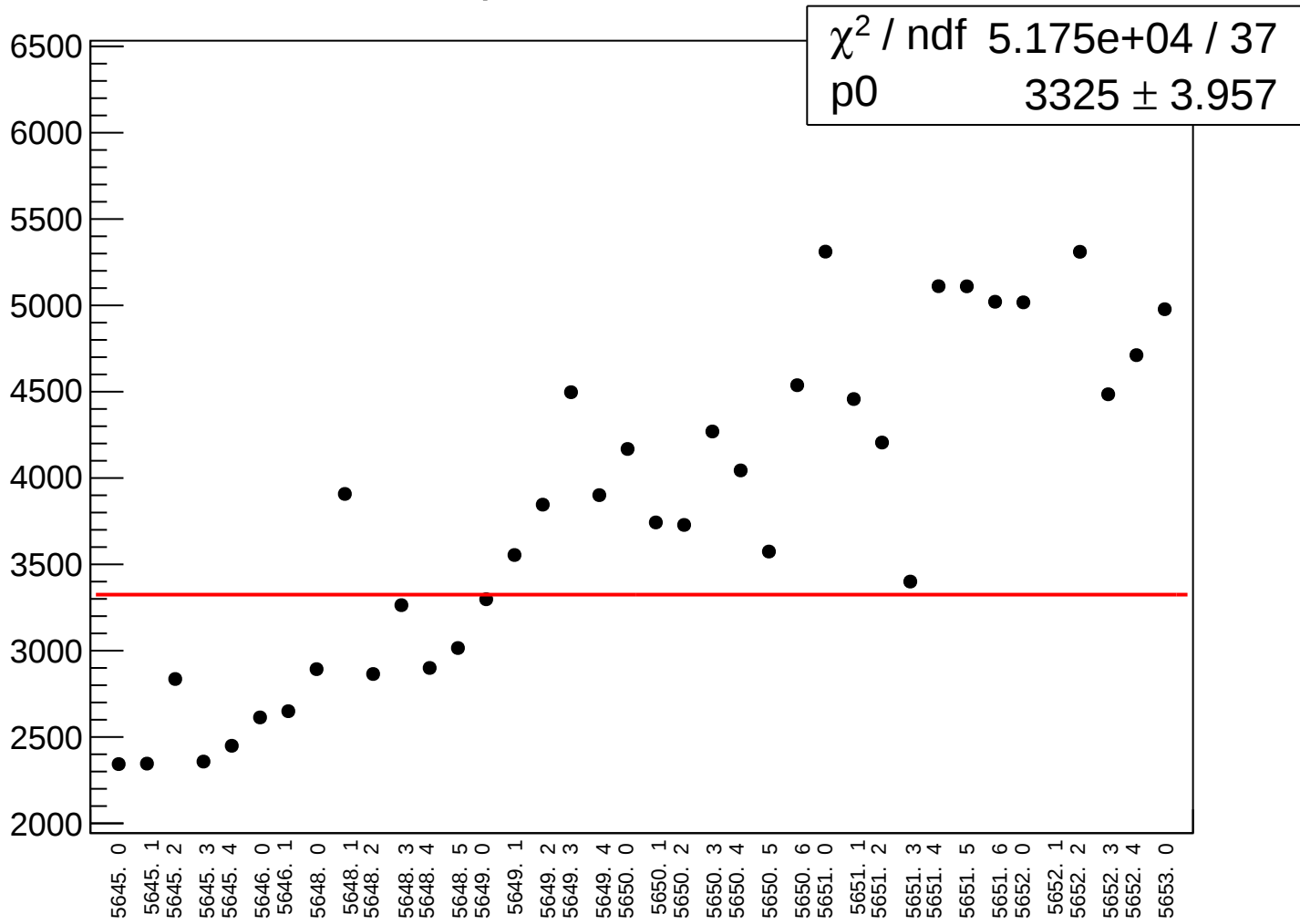
diff_bpm0l02X_rms vs run



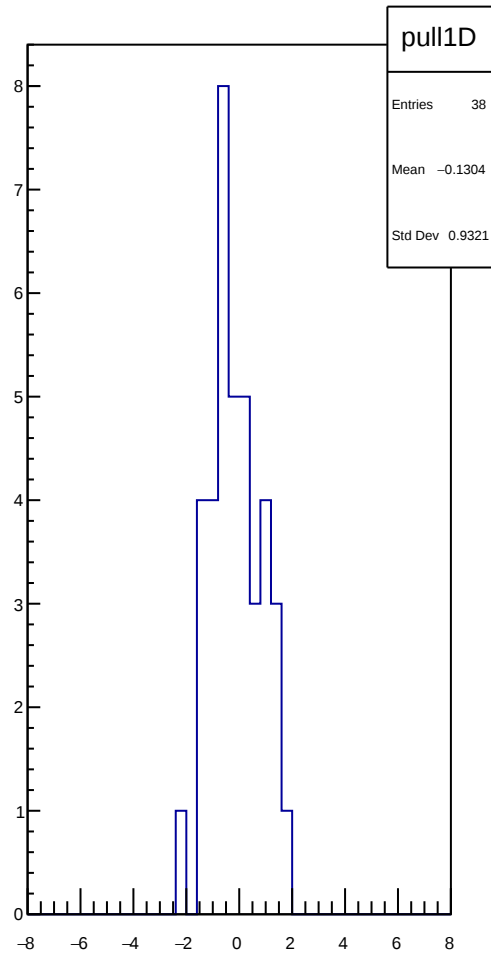
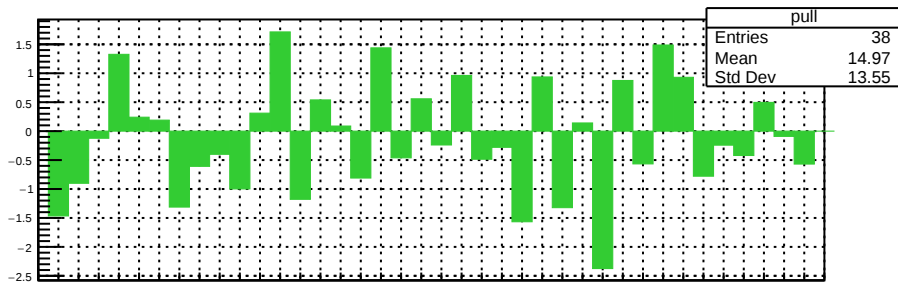
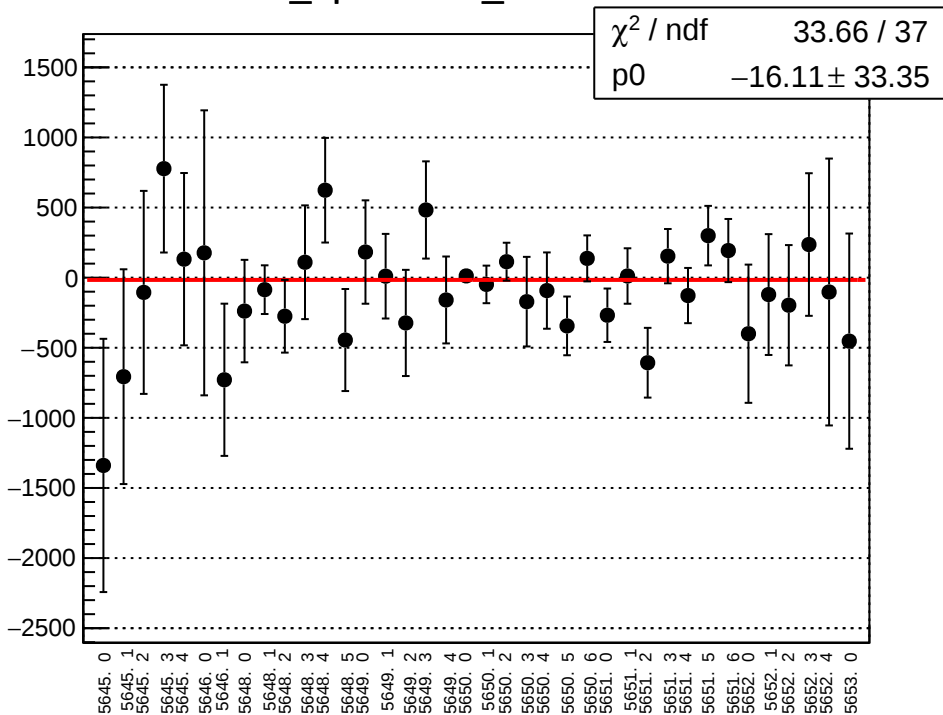
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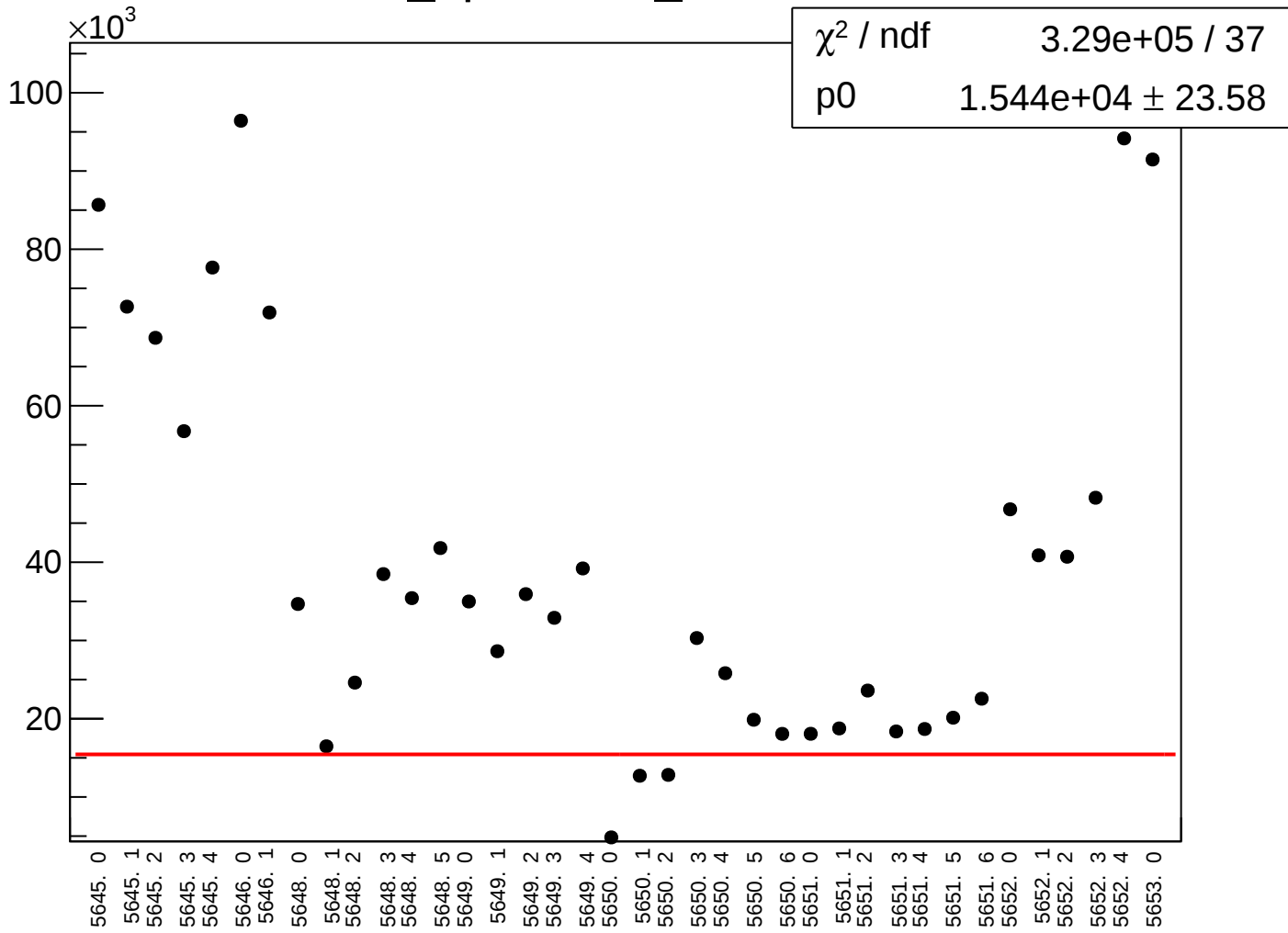
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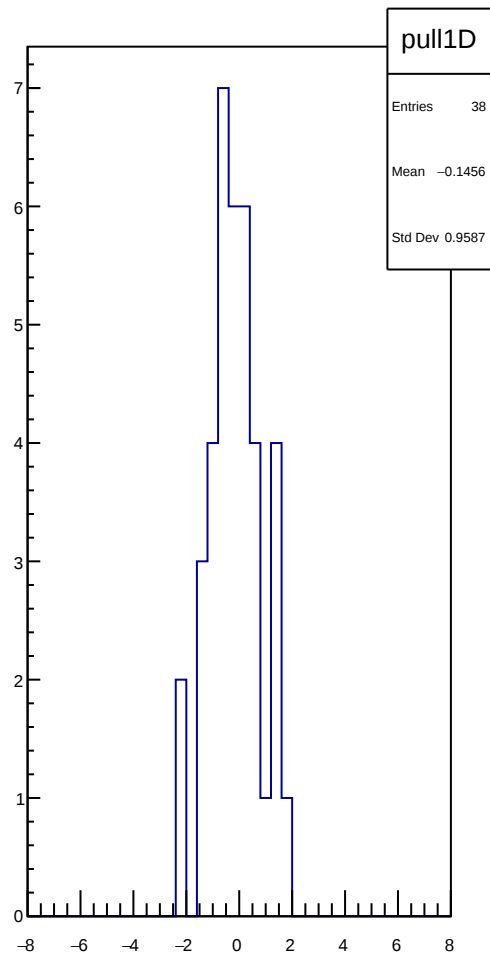
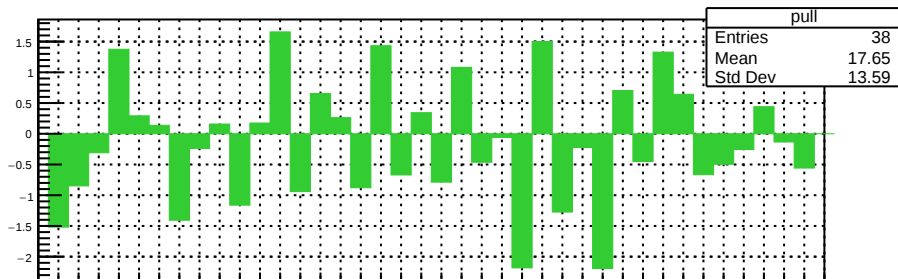
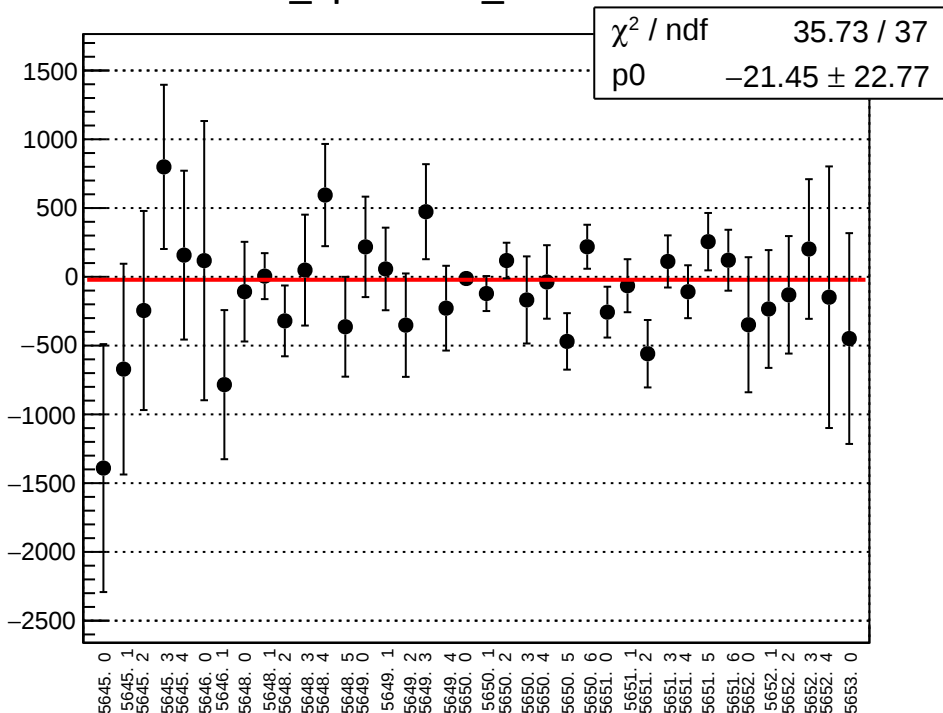
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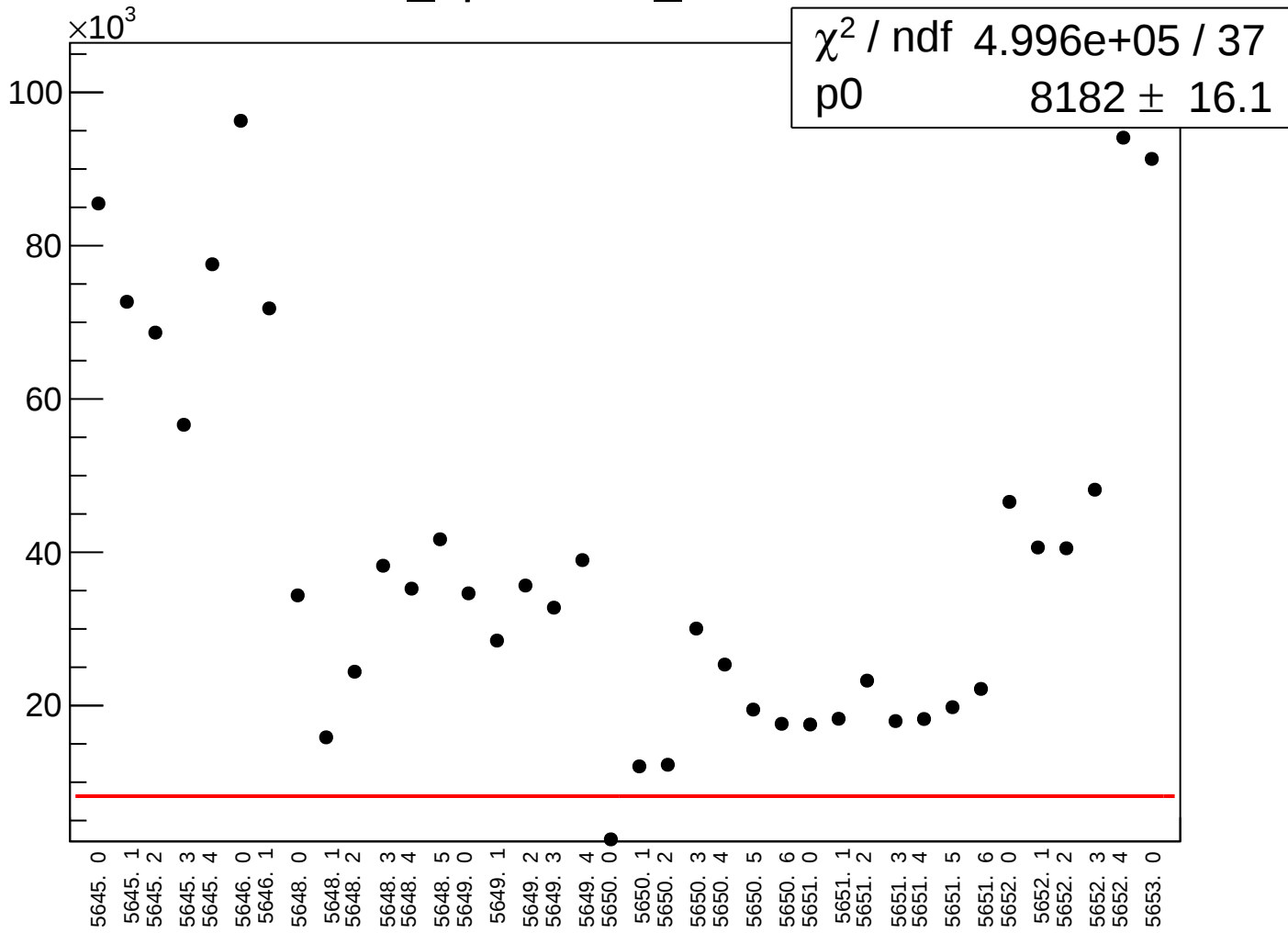
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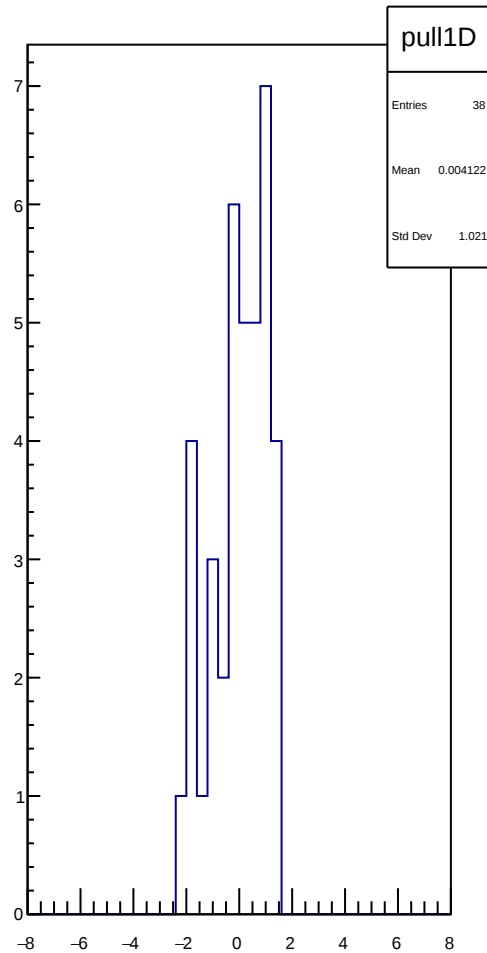
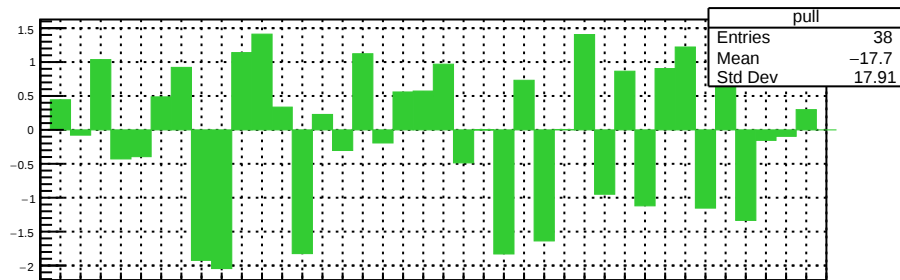
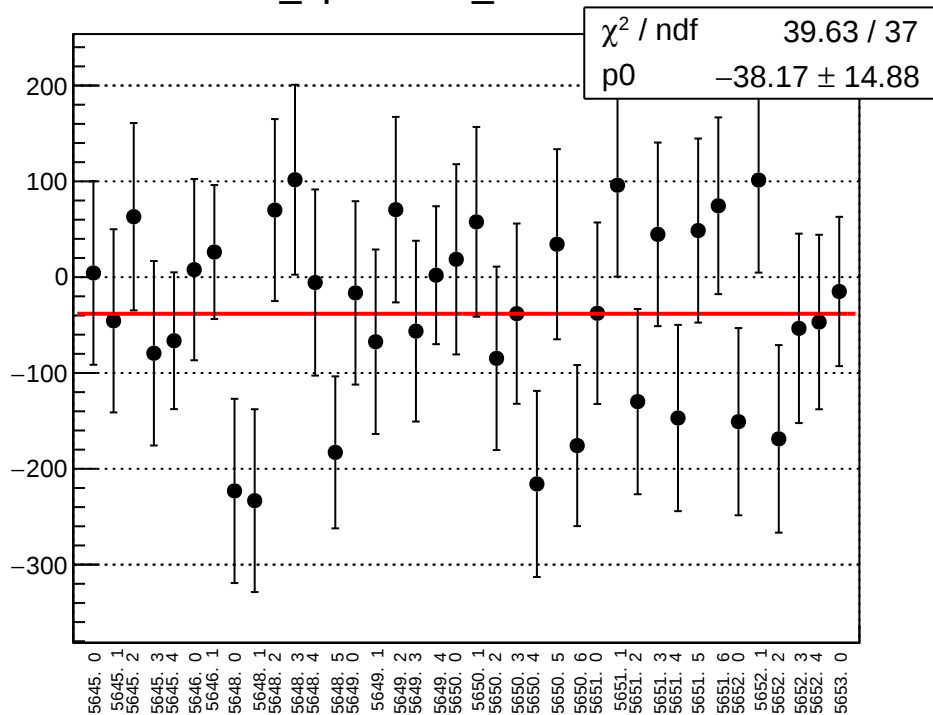
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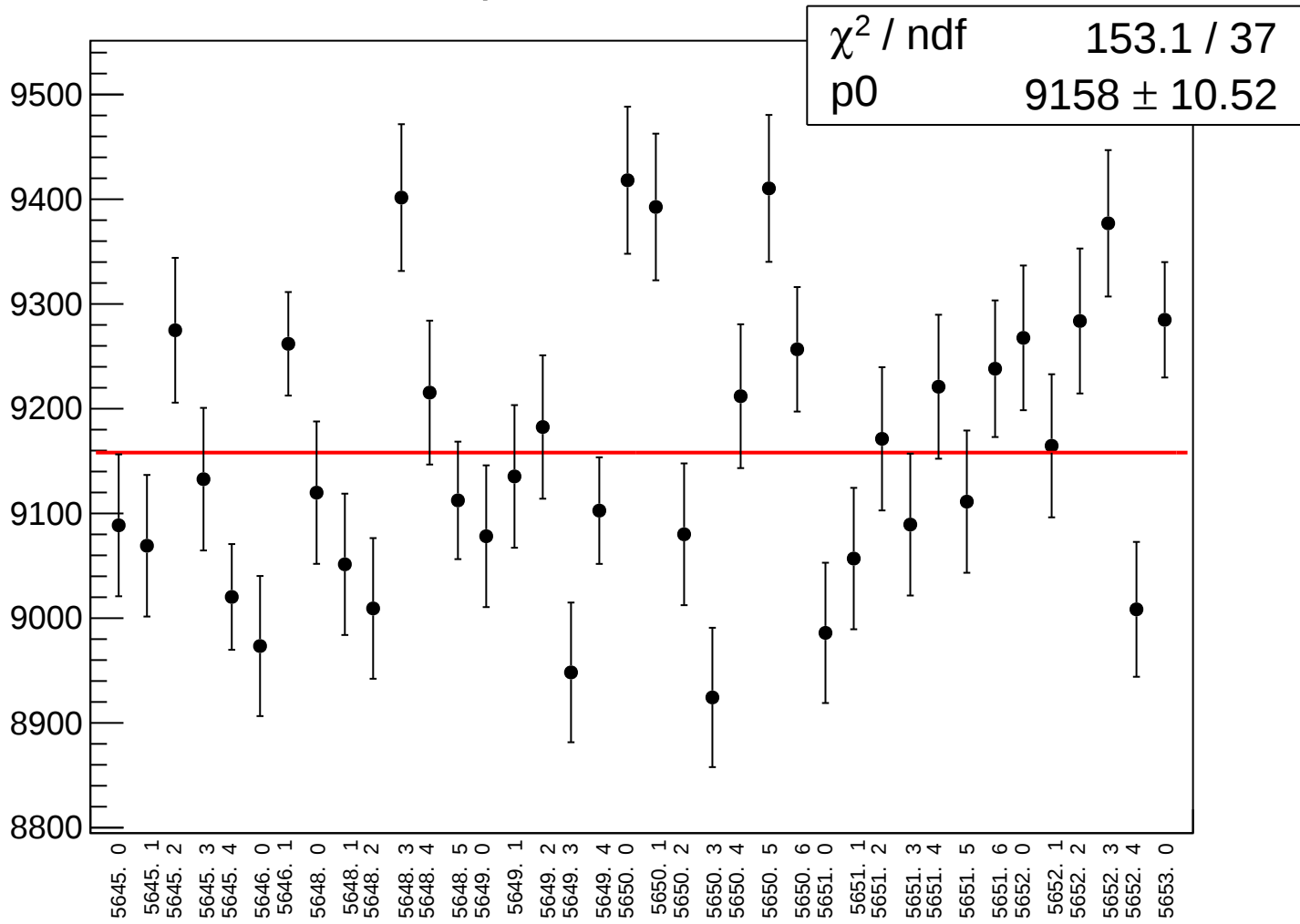
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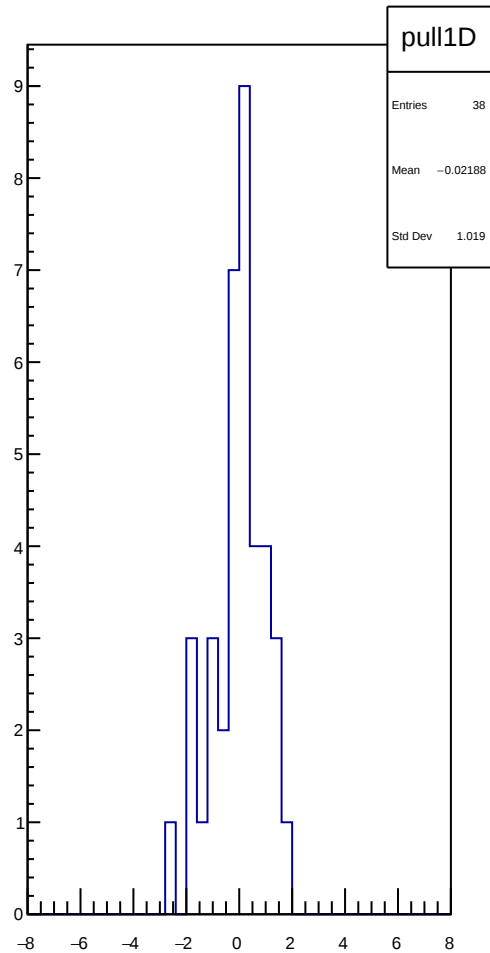
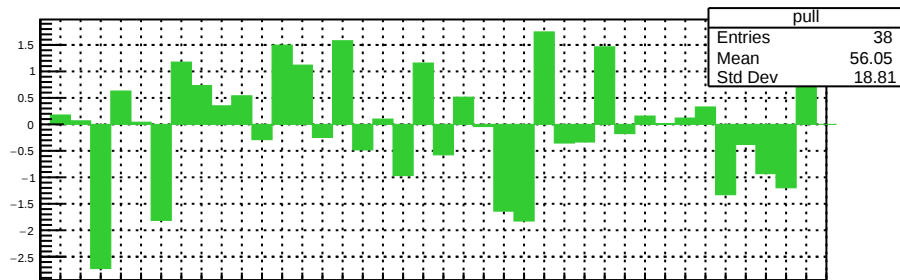
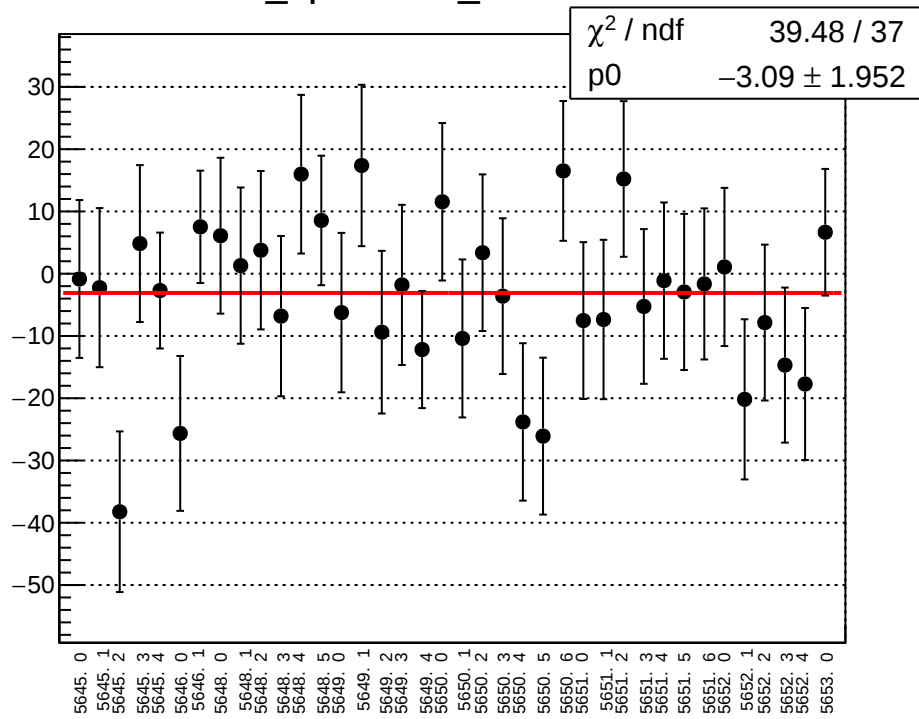
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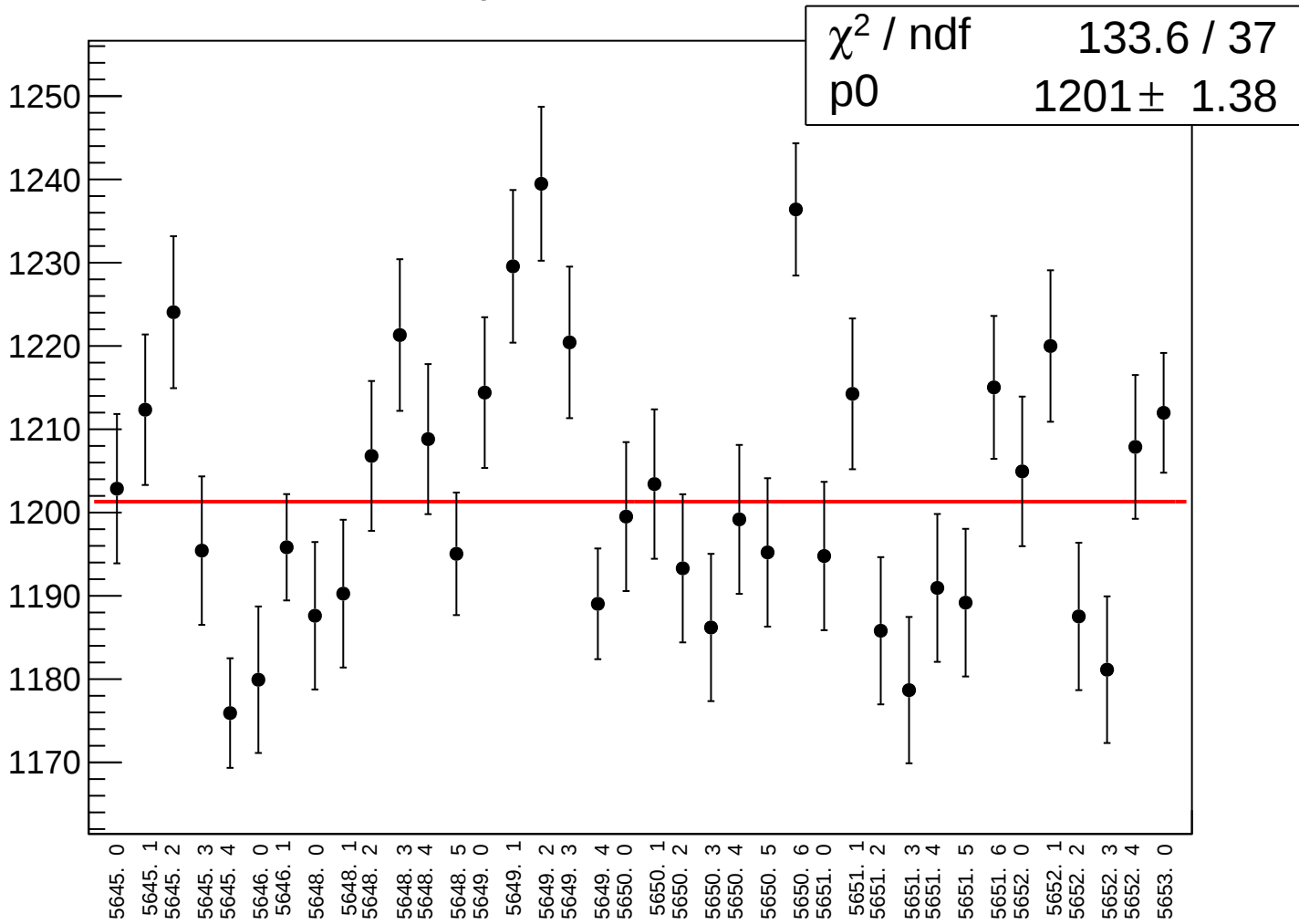
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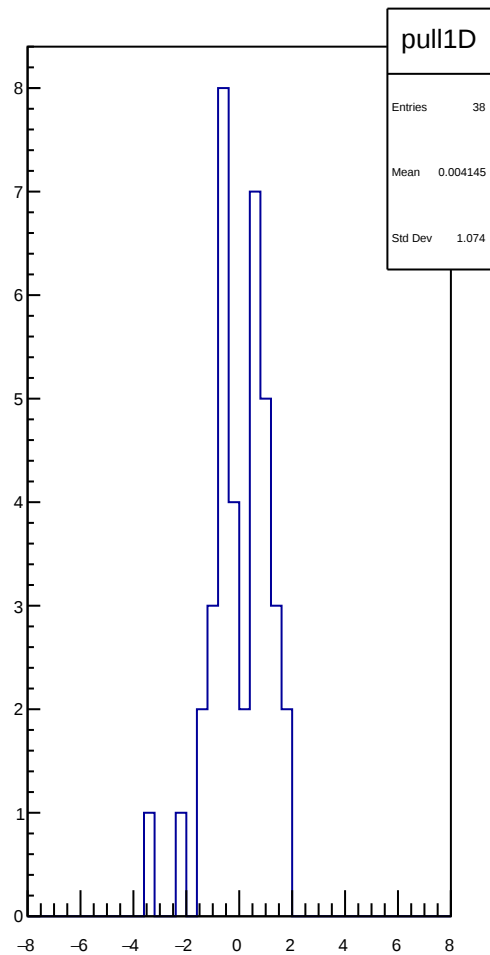
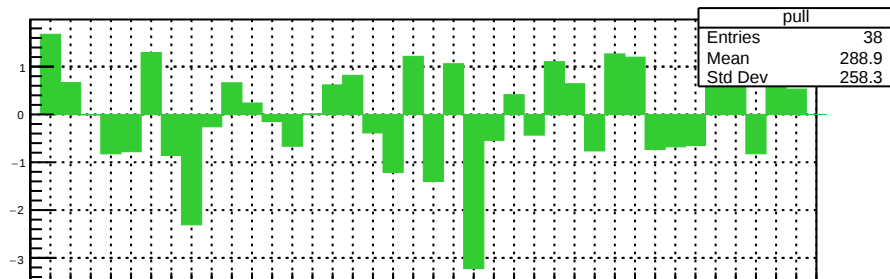
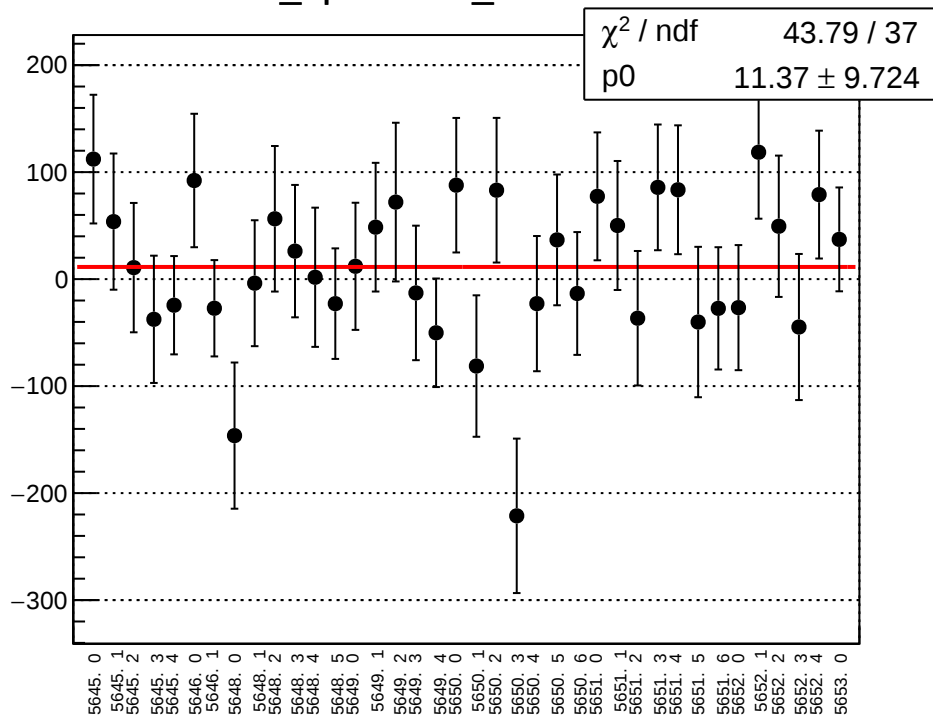
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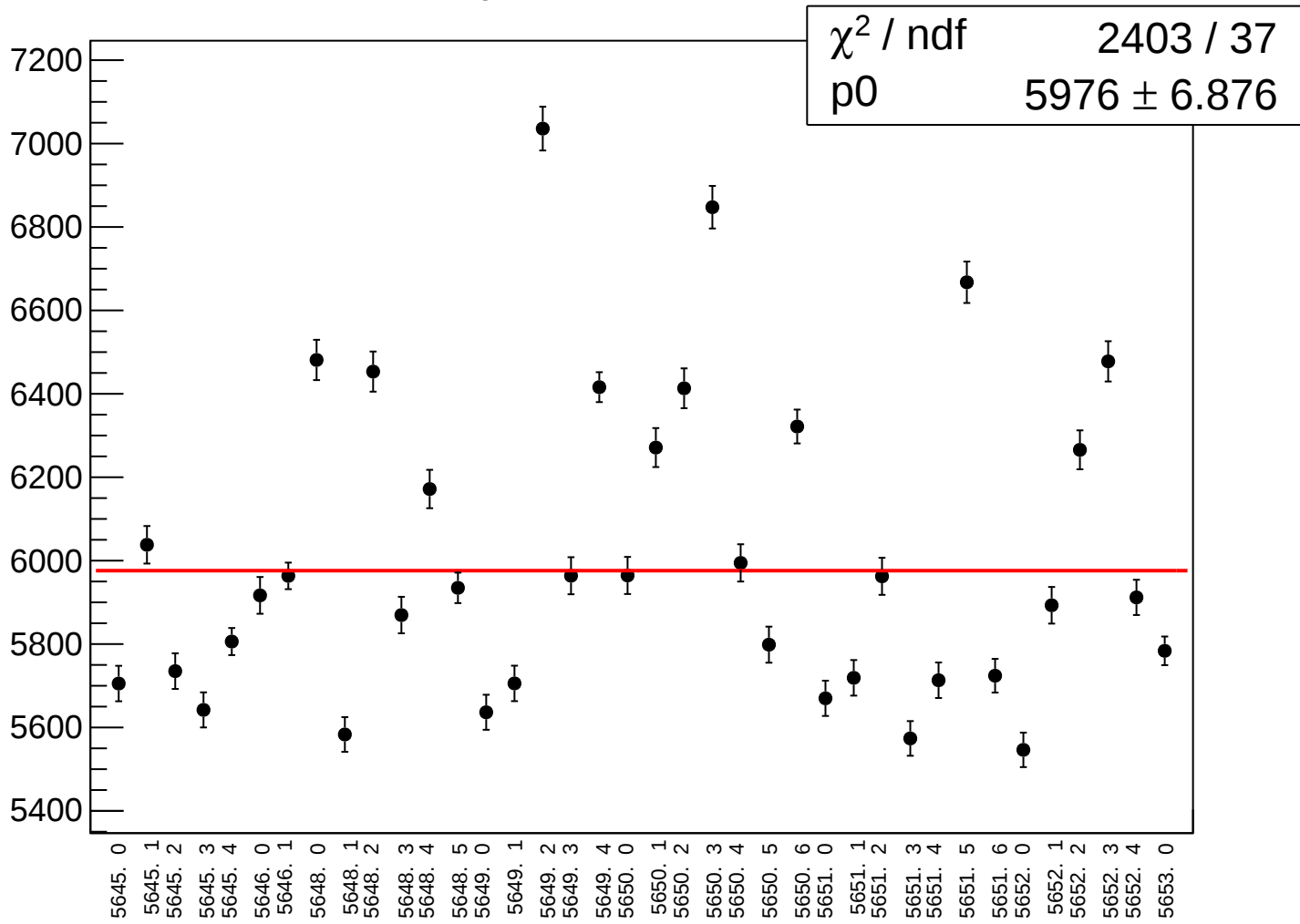
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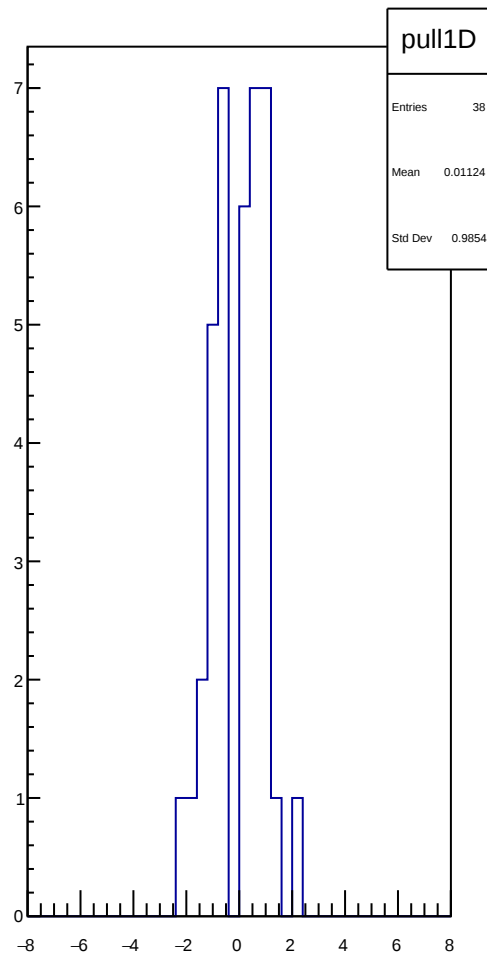
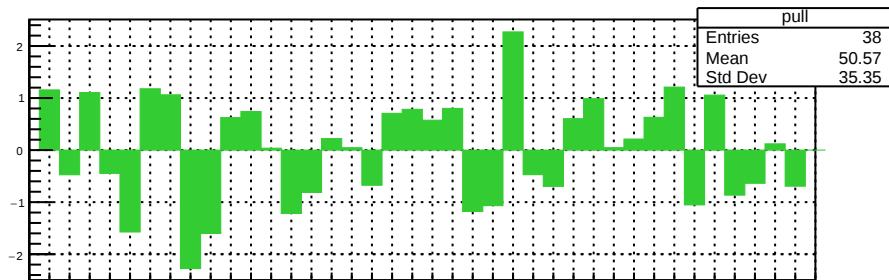
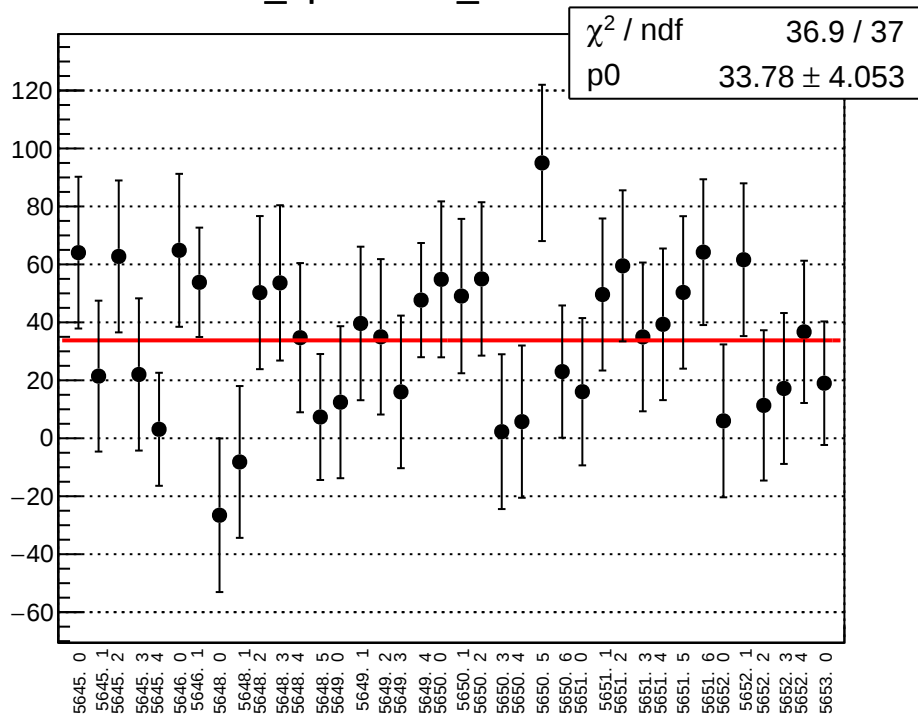
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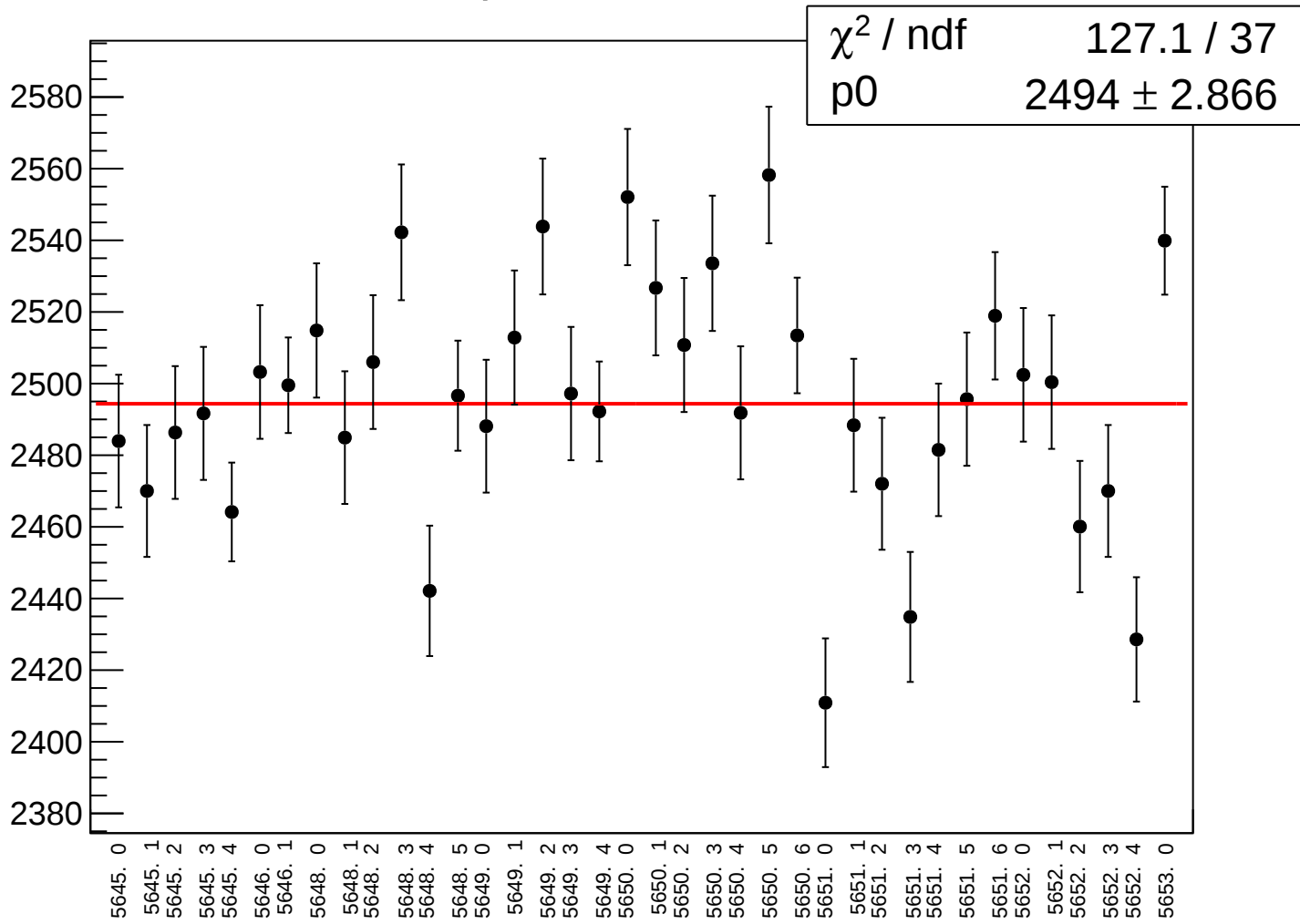
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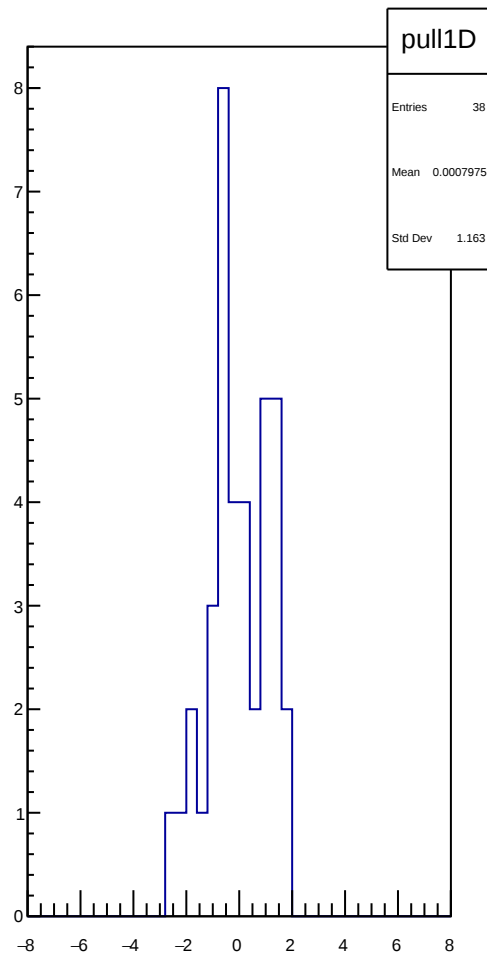
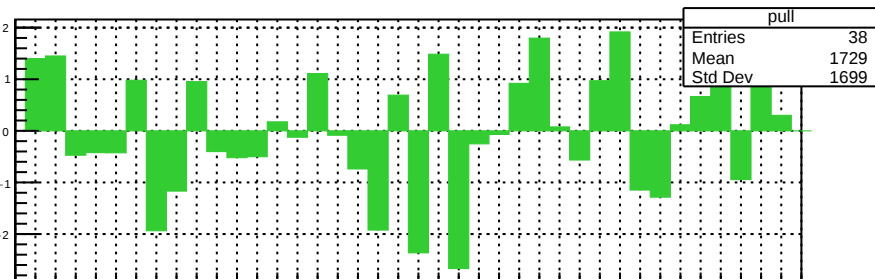
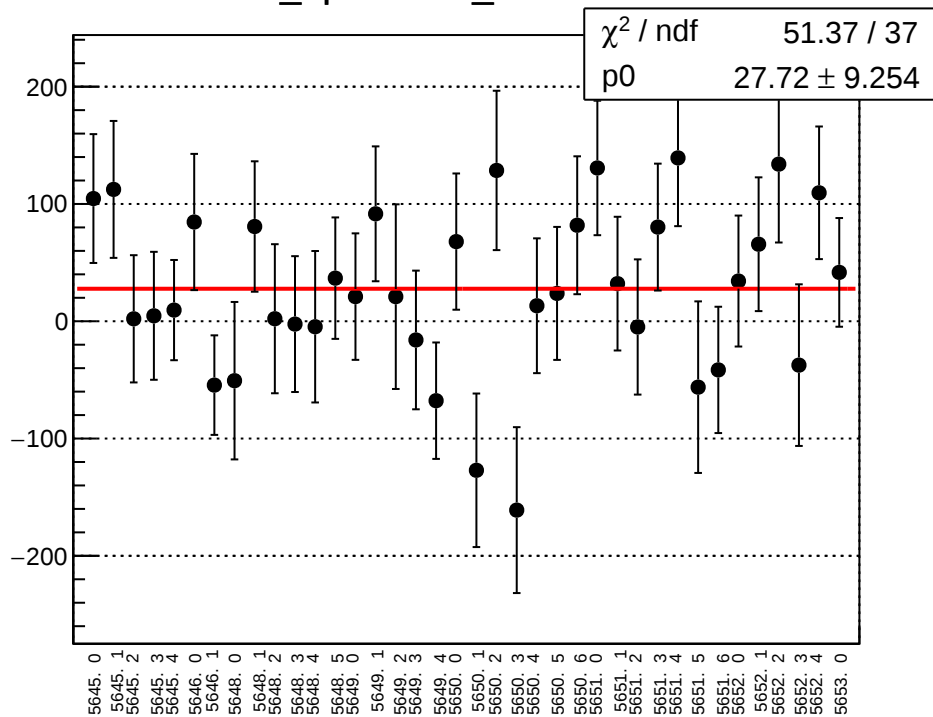
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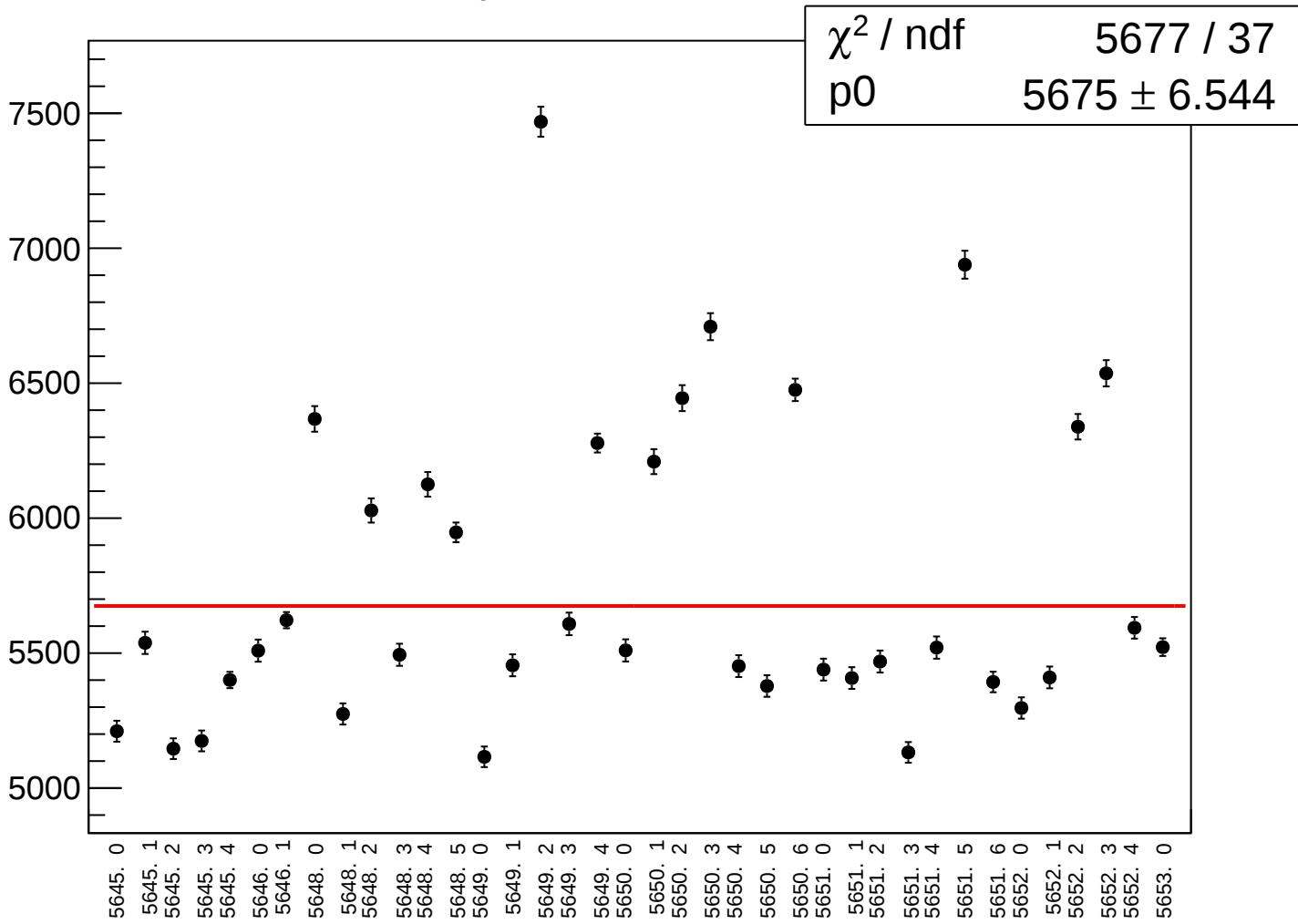
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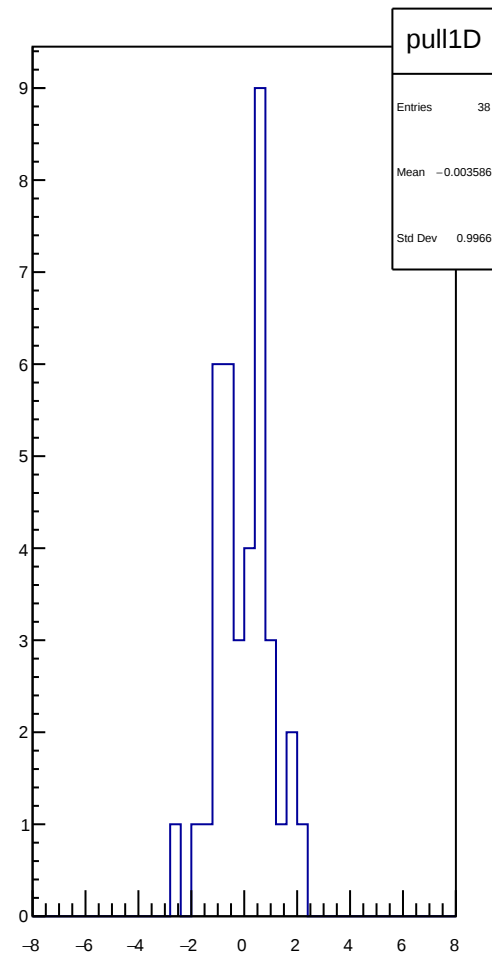
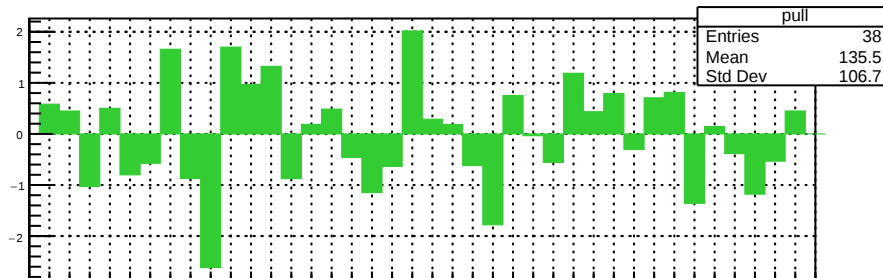
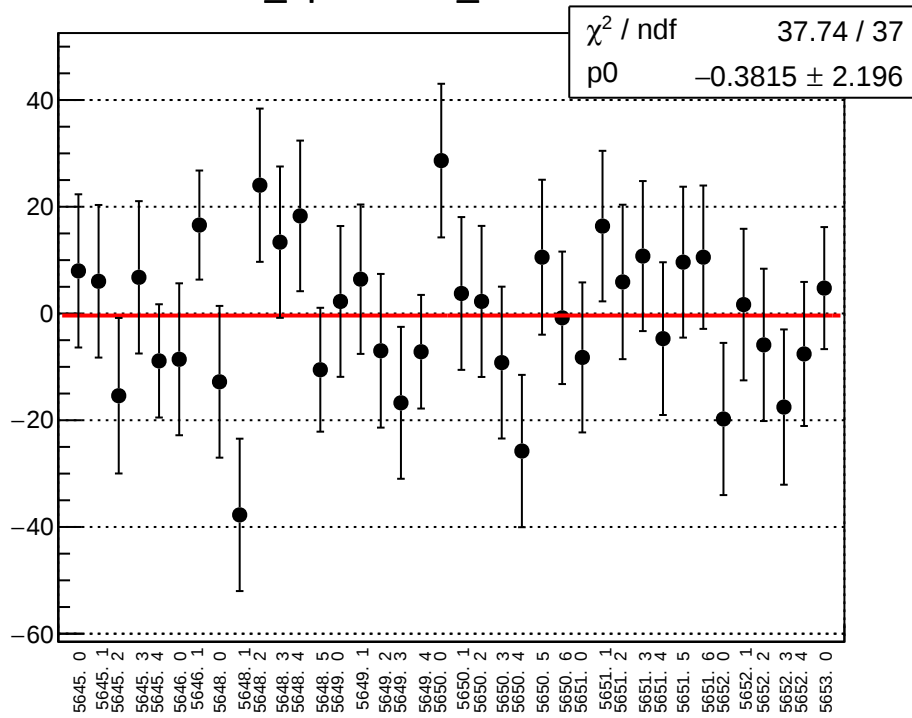
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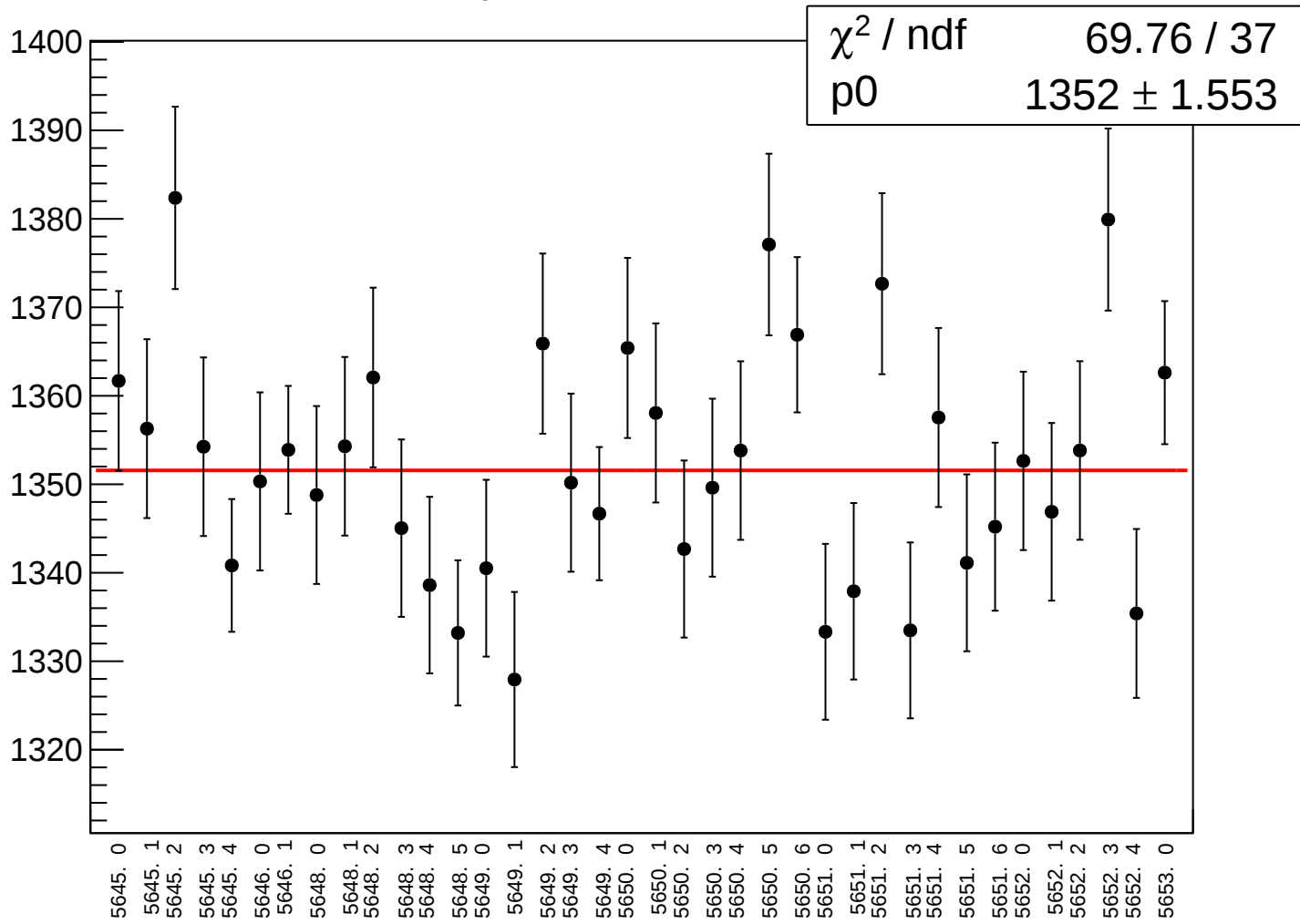
diff_bpm0l06X_rms vs run



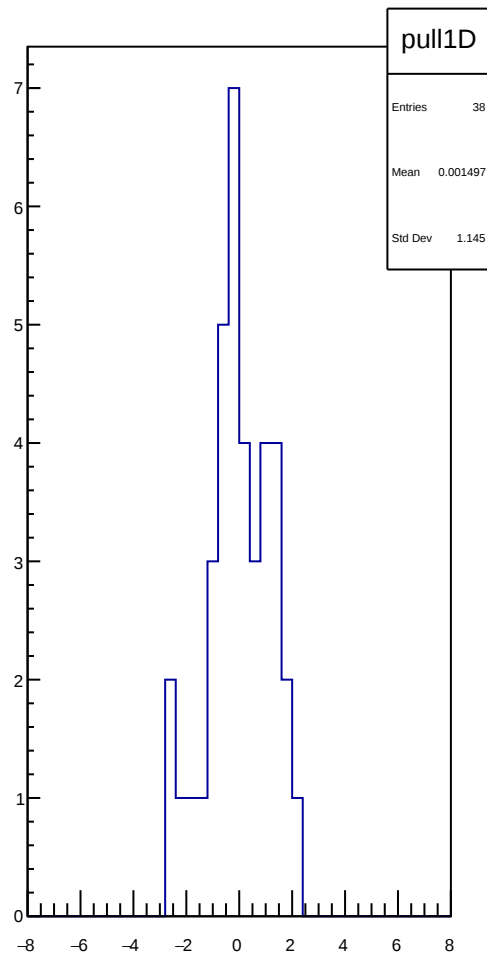
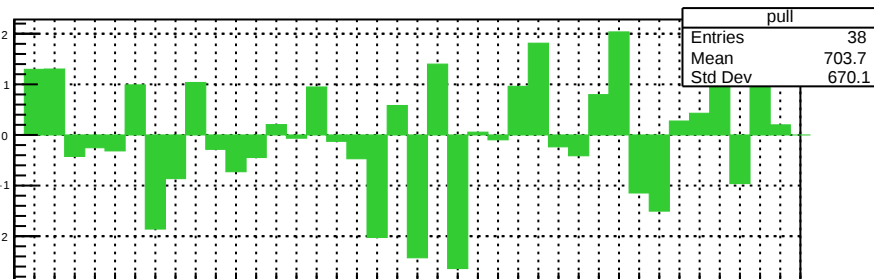
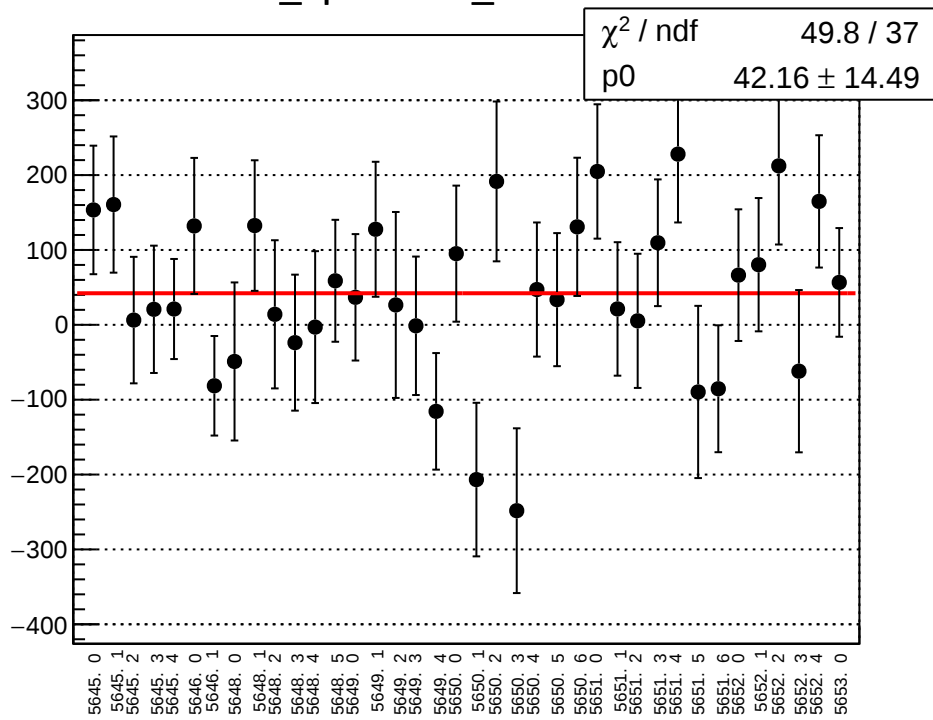
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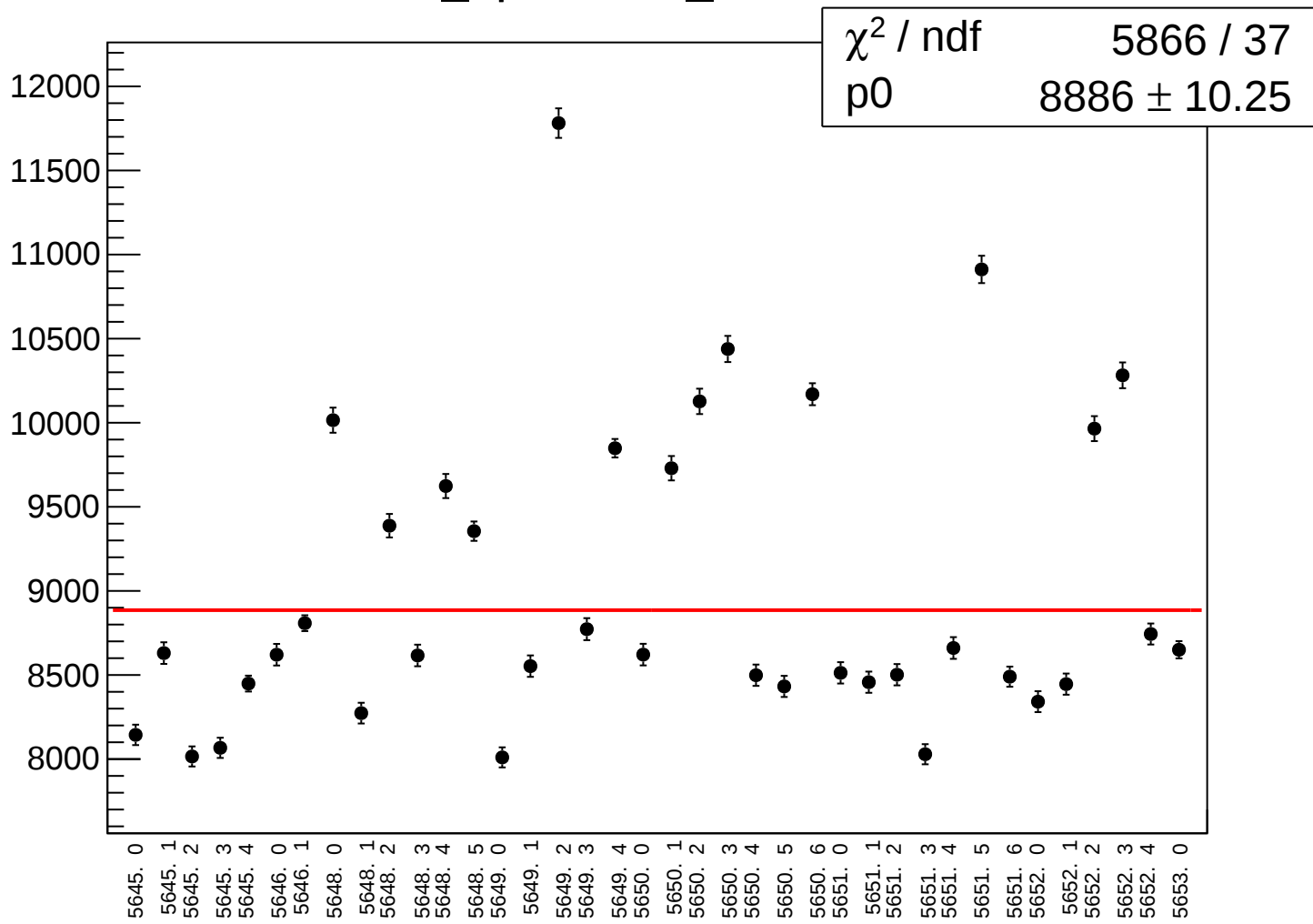
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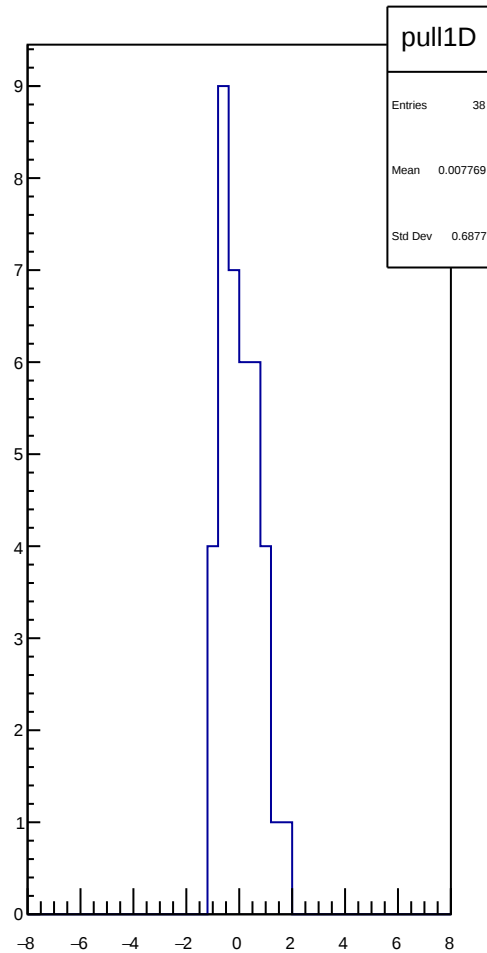
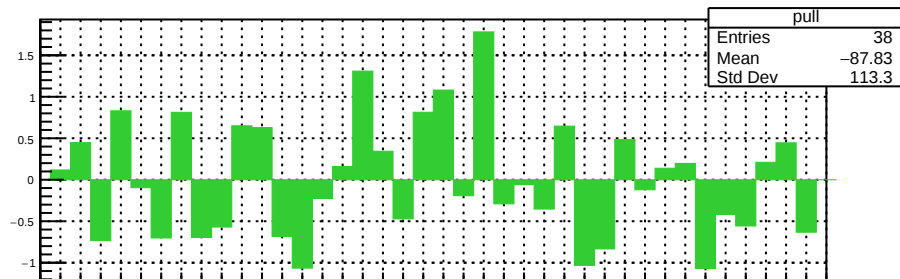
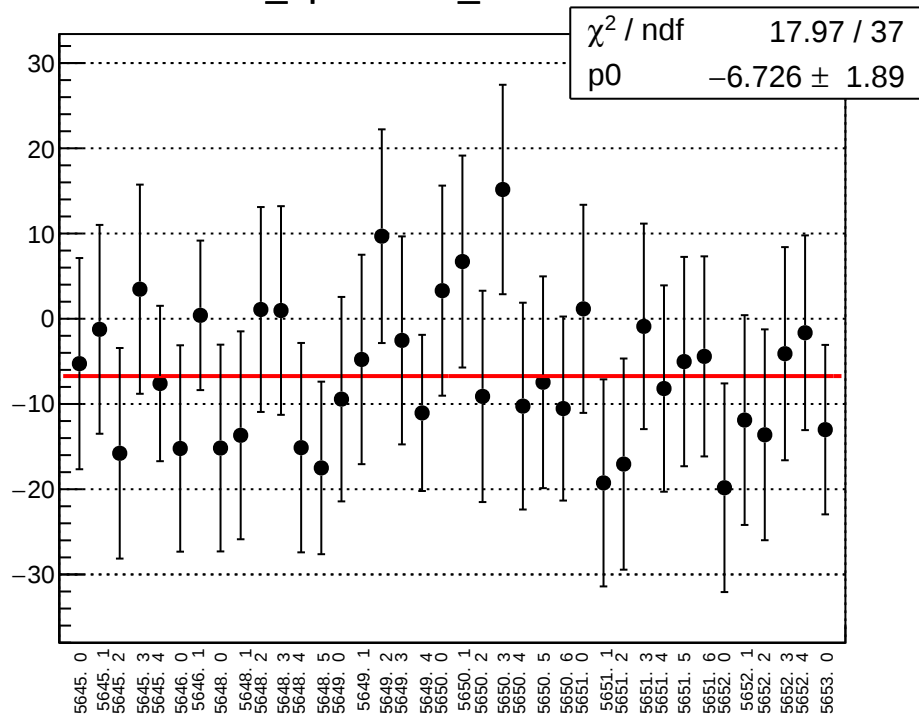
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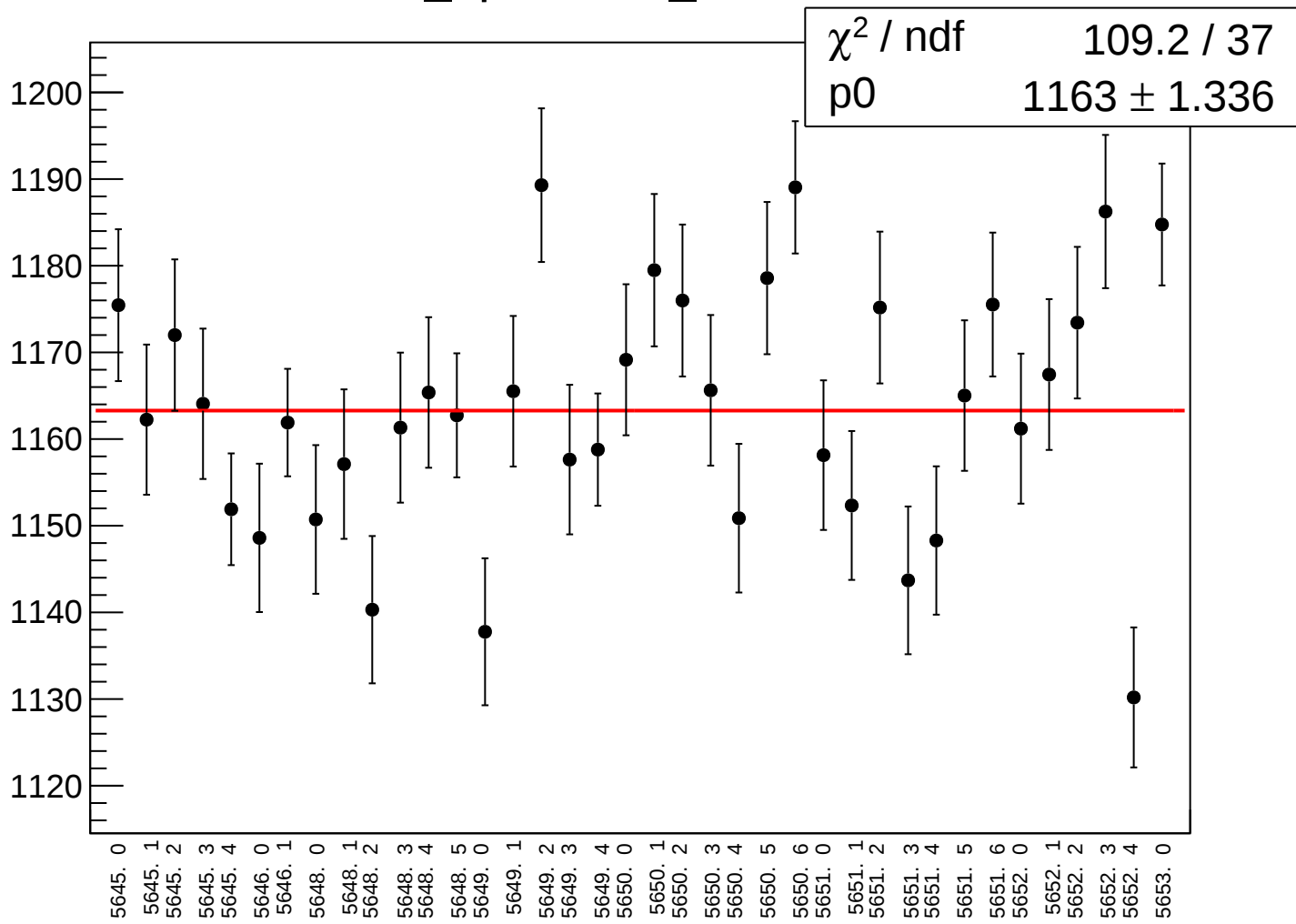
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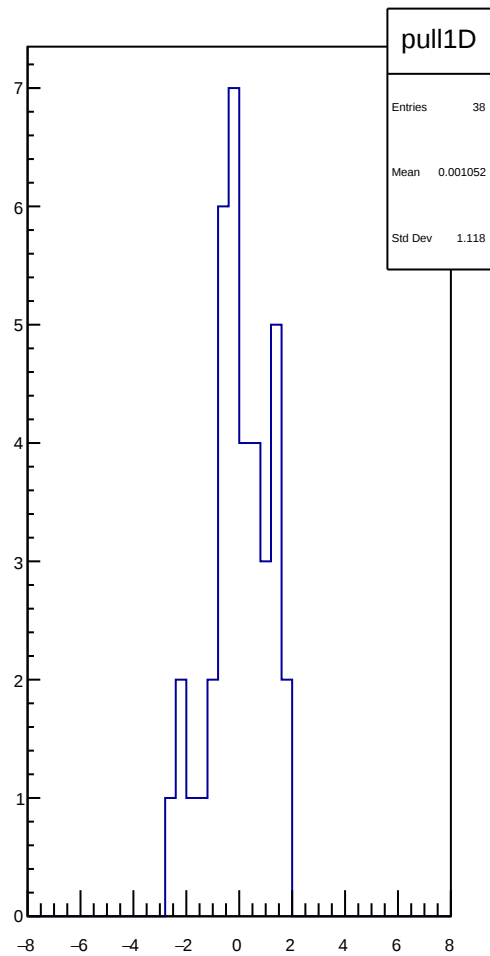
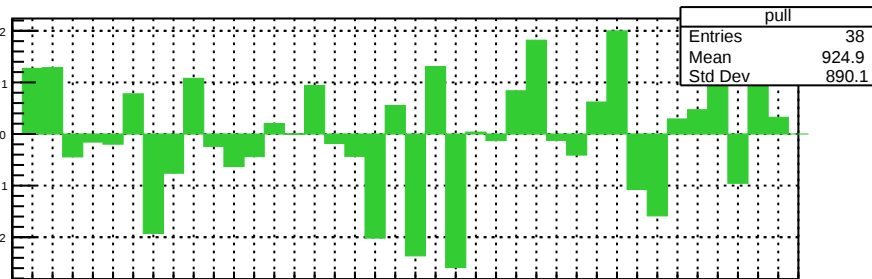
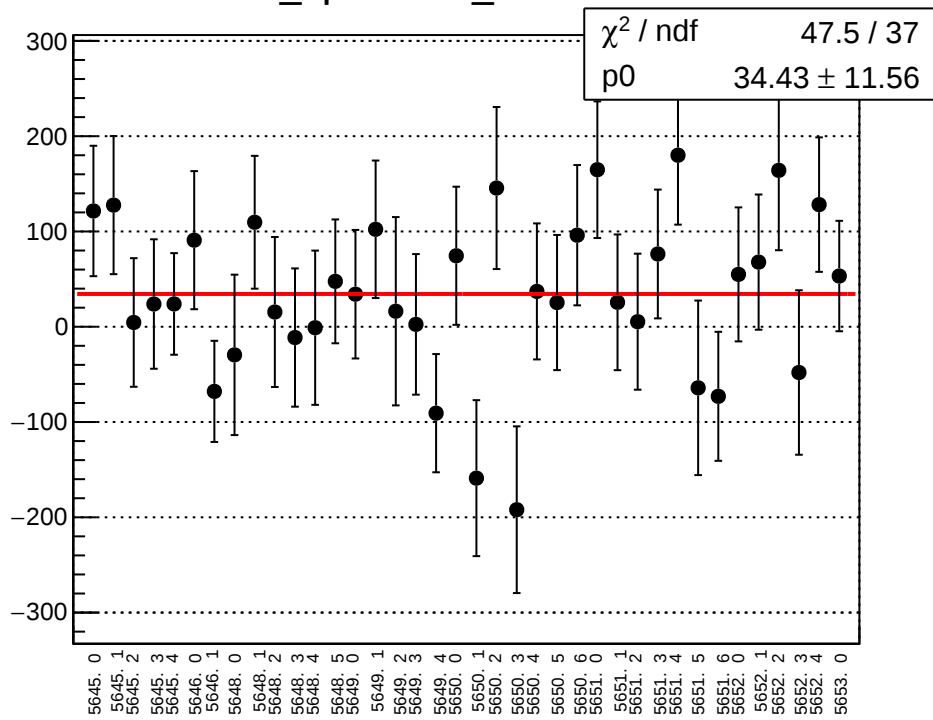
diff_bpm0I07Y_mean vs run



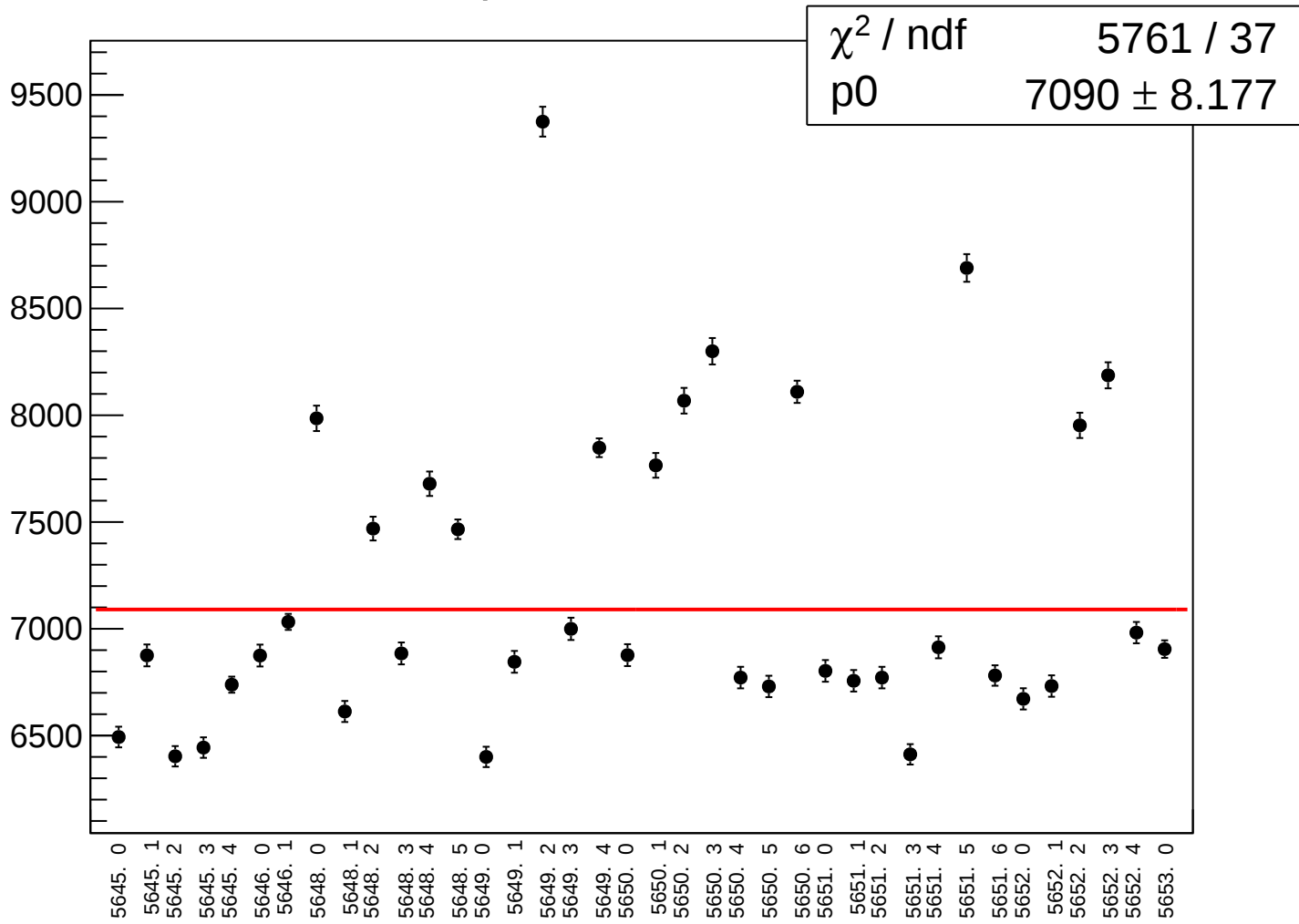
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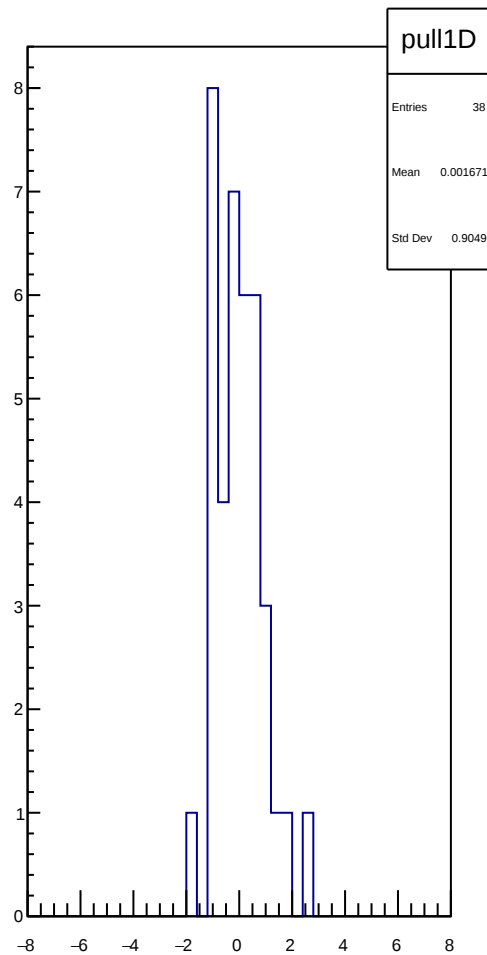
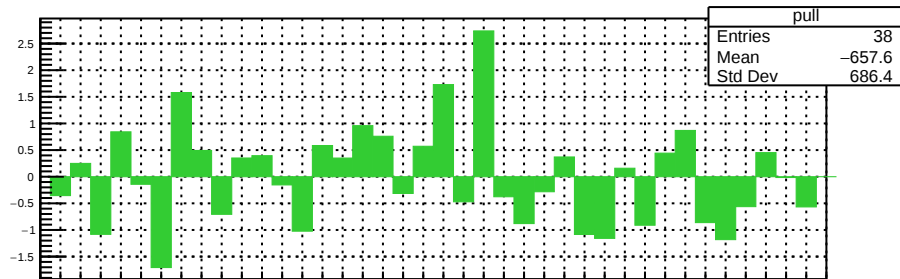
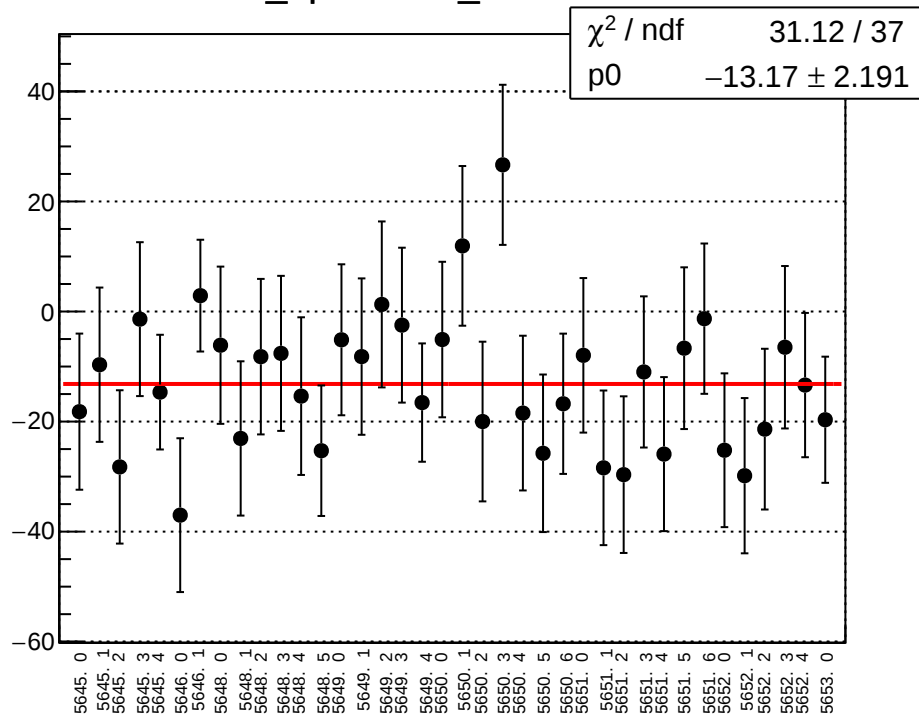
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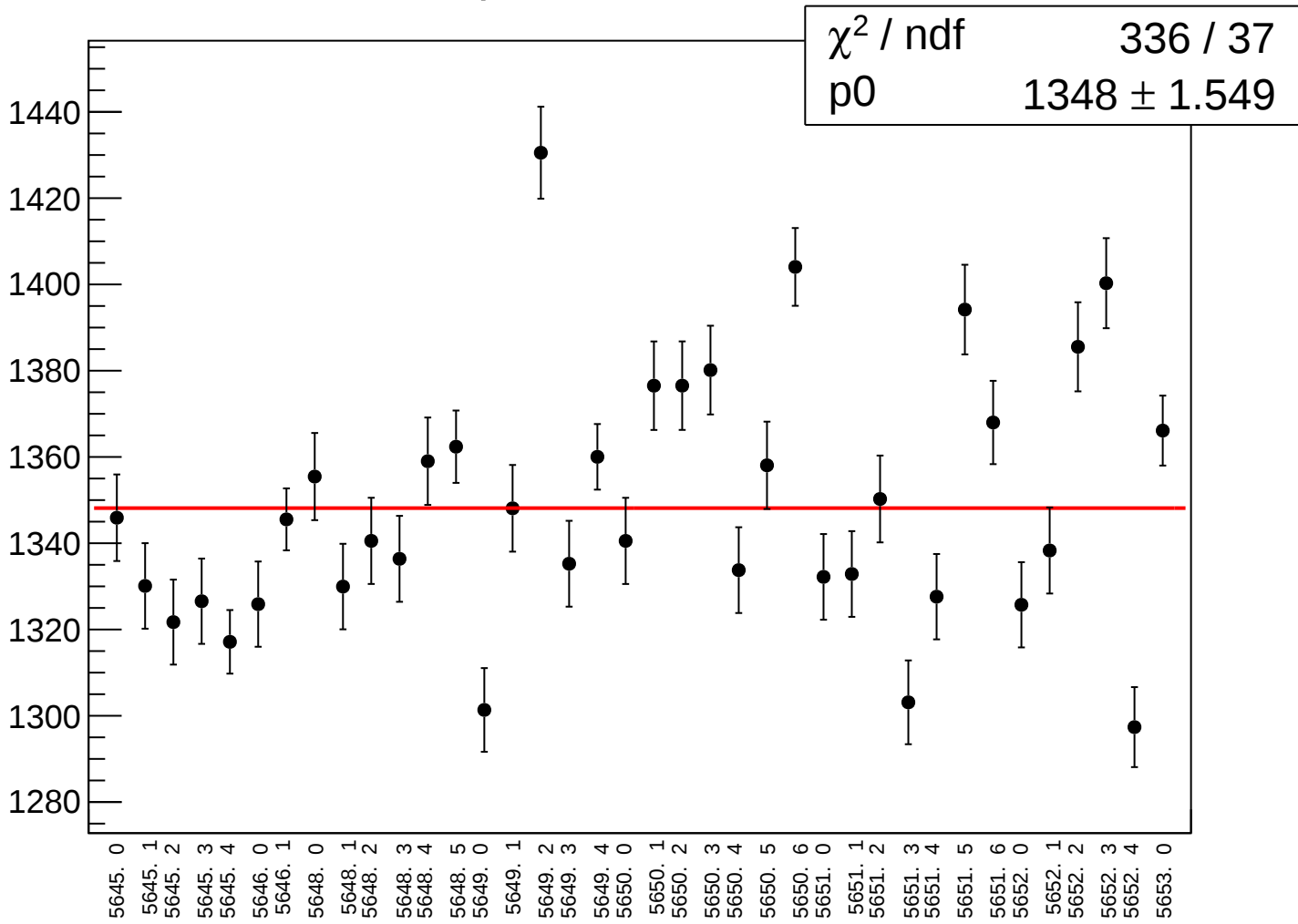
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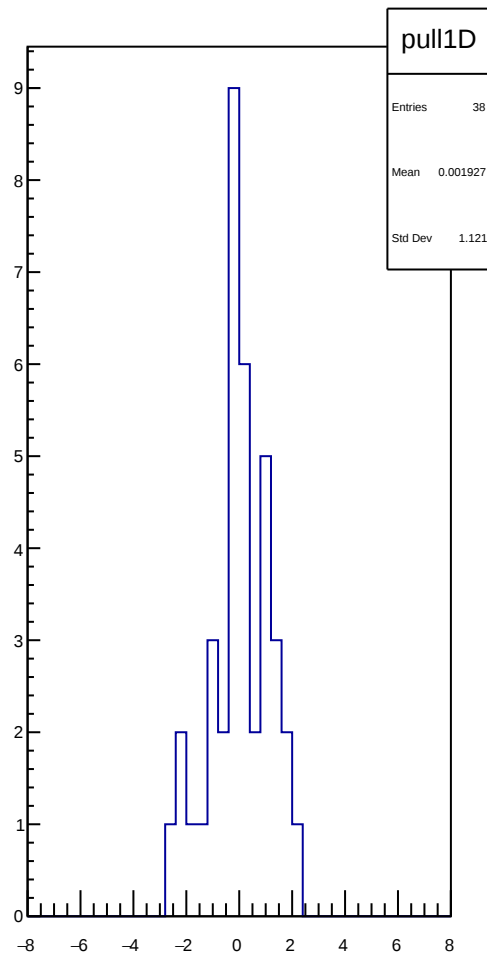
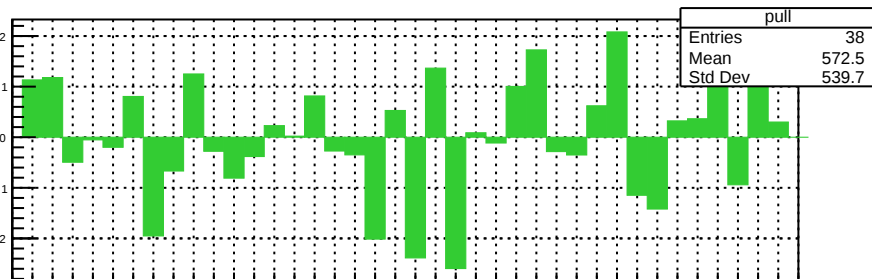
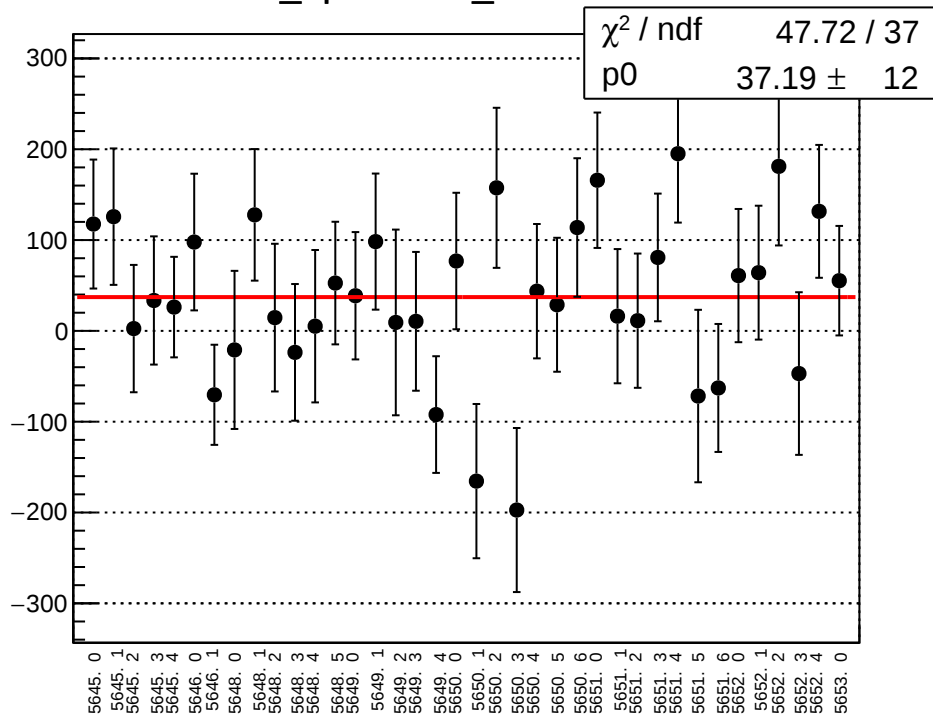
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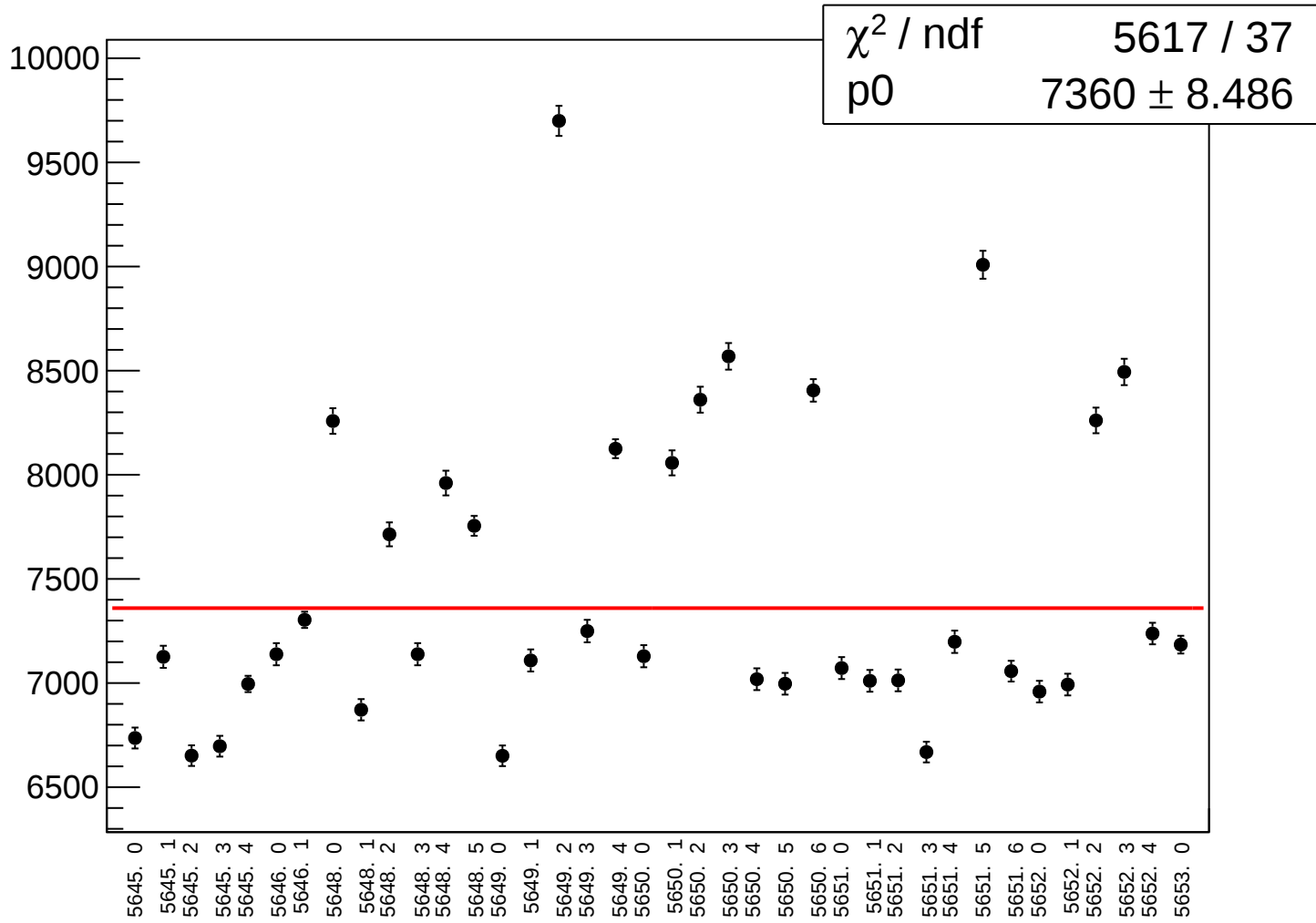
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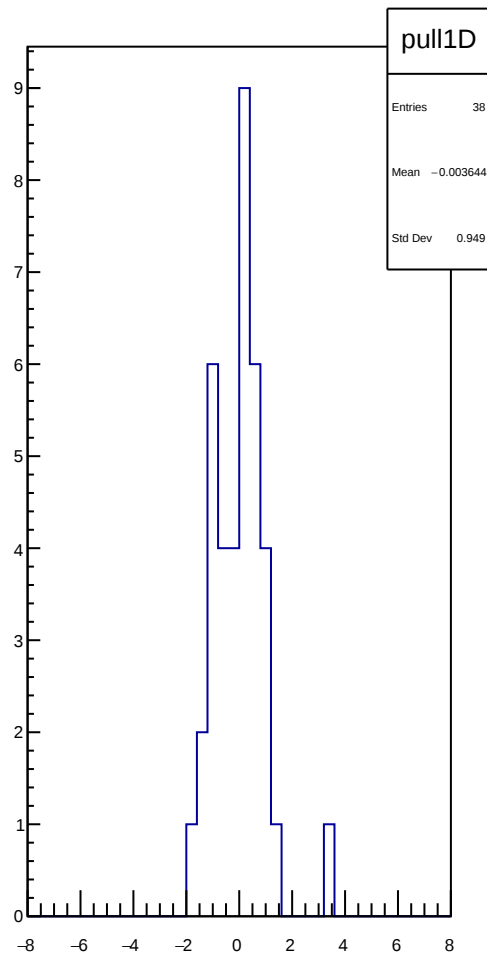
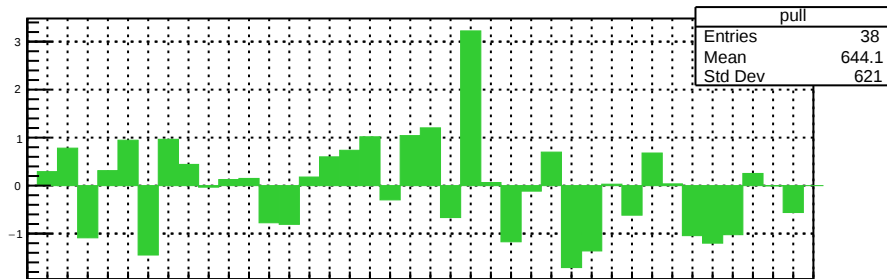
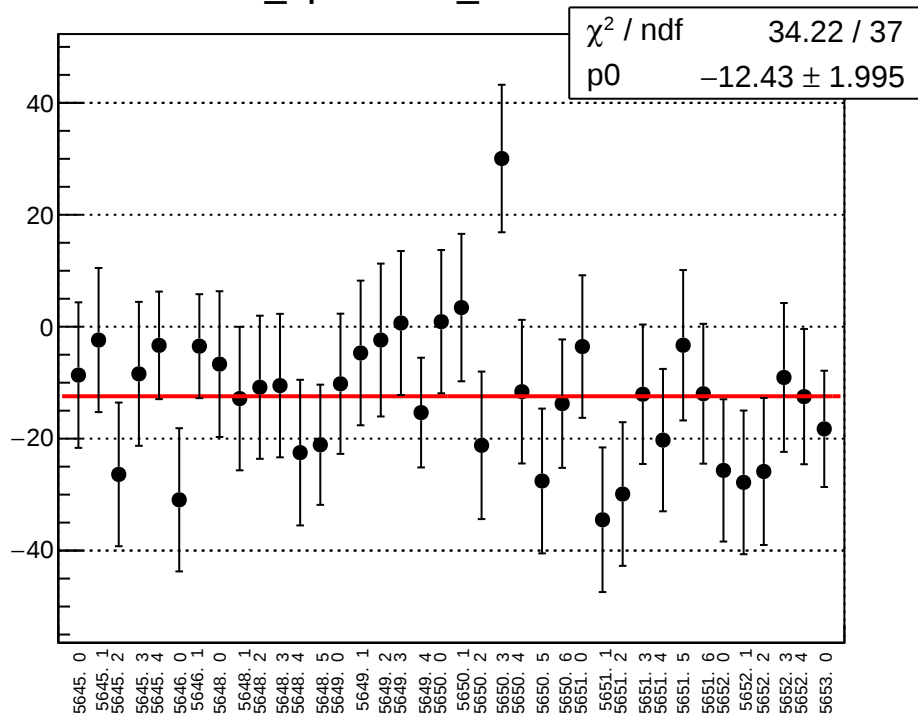
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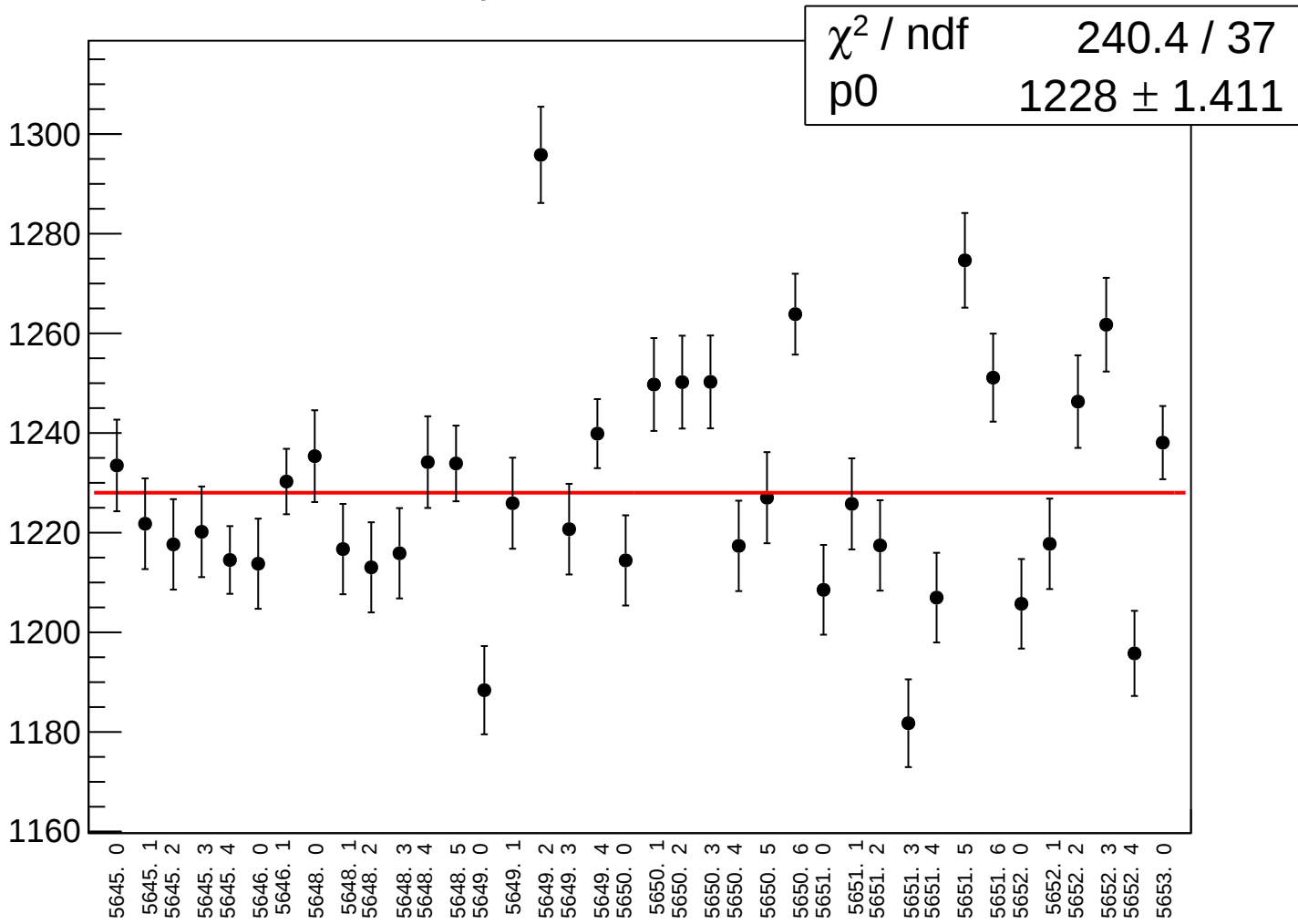
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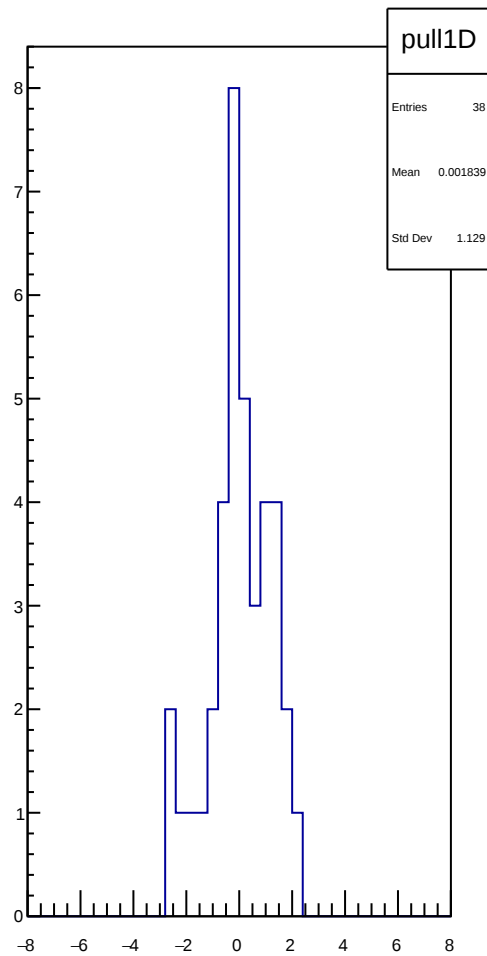
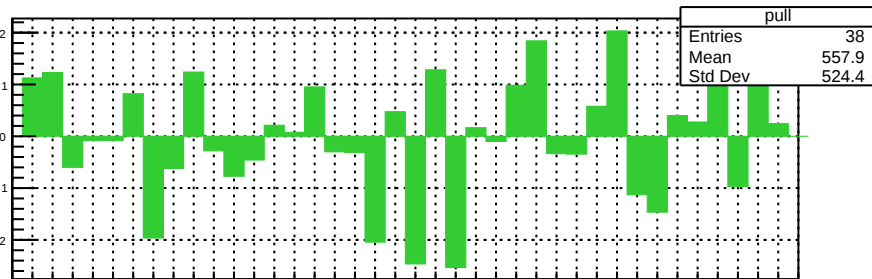
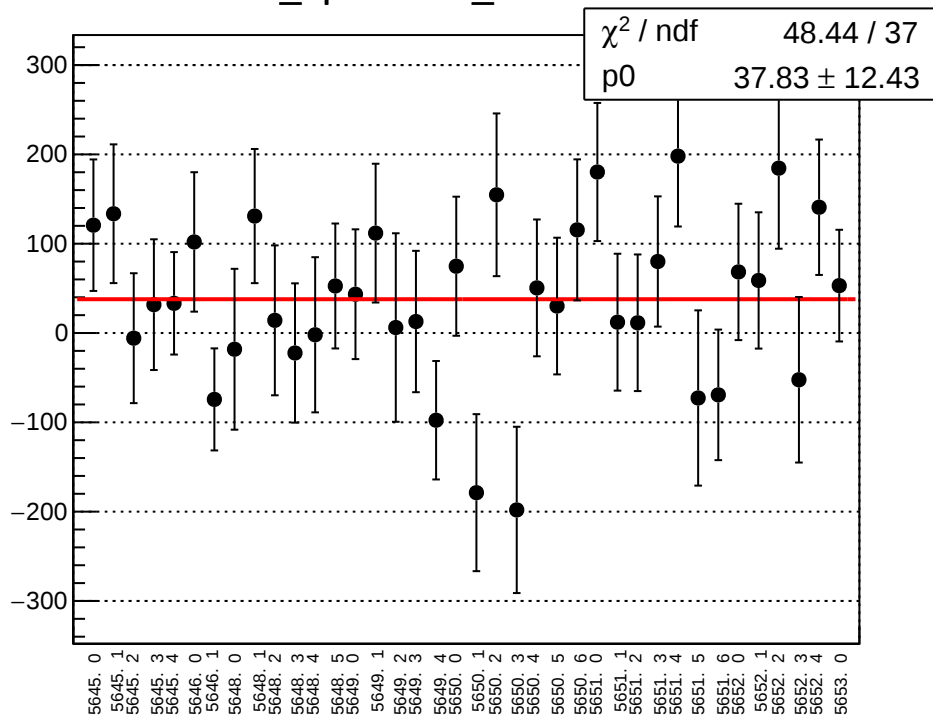
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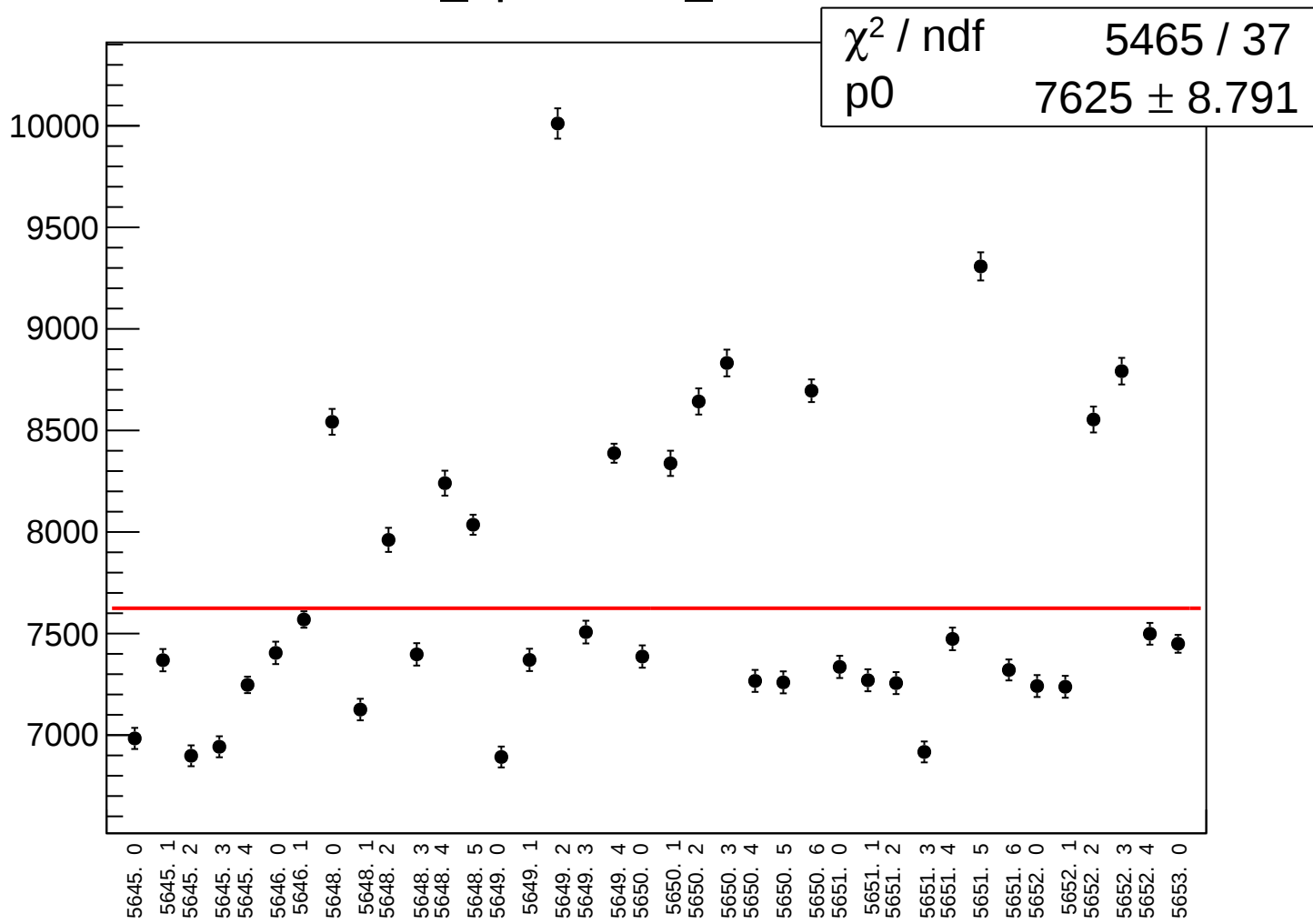
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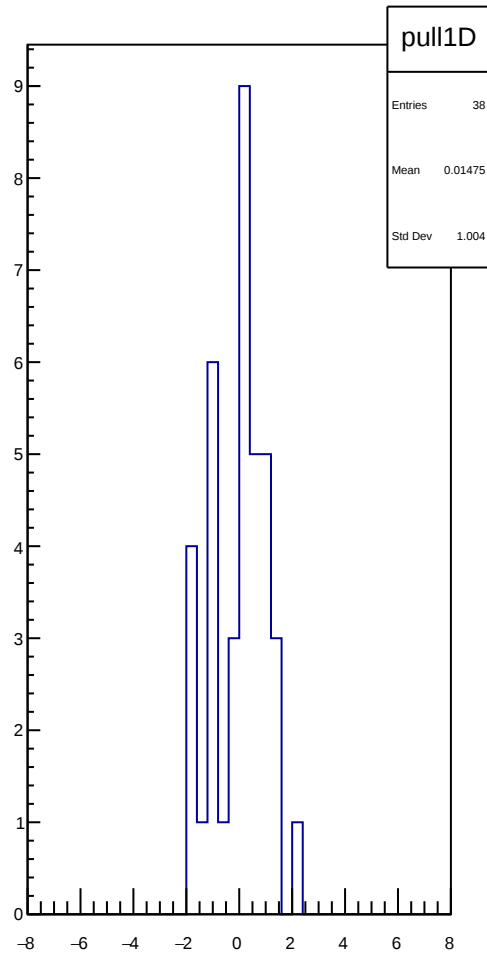
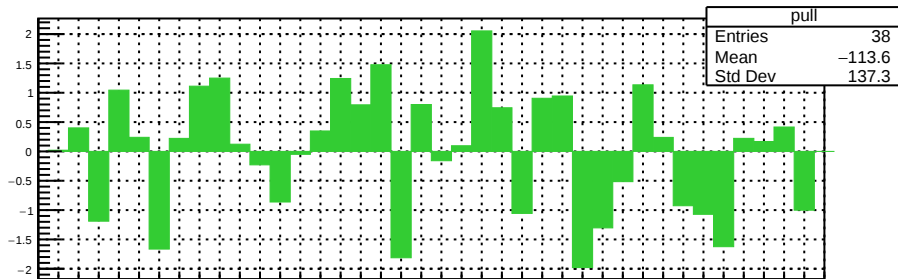
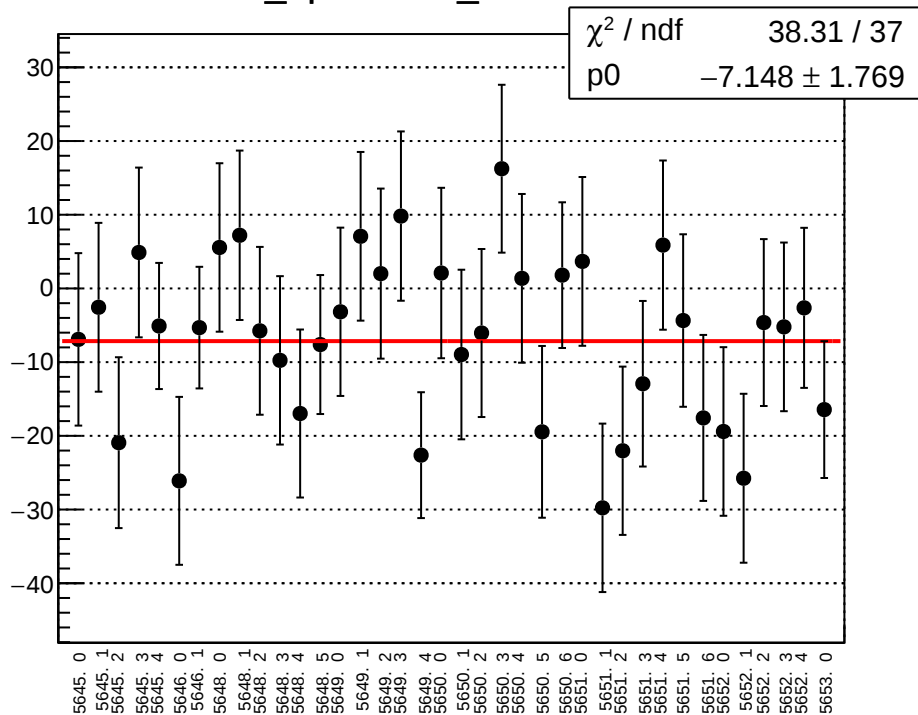
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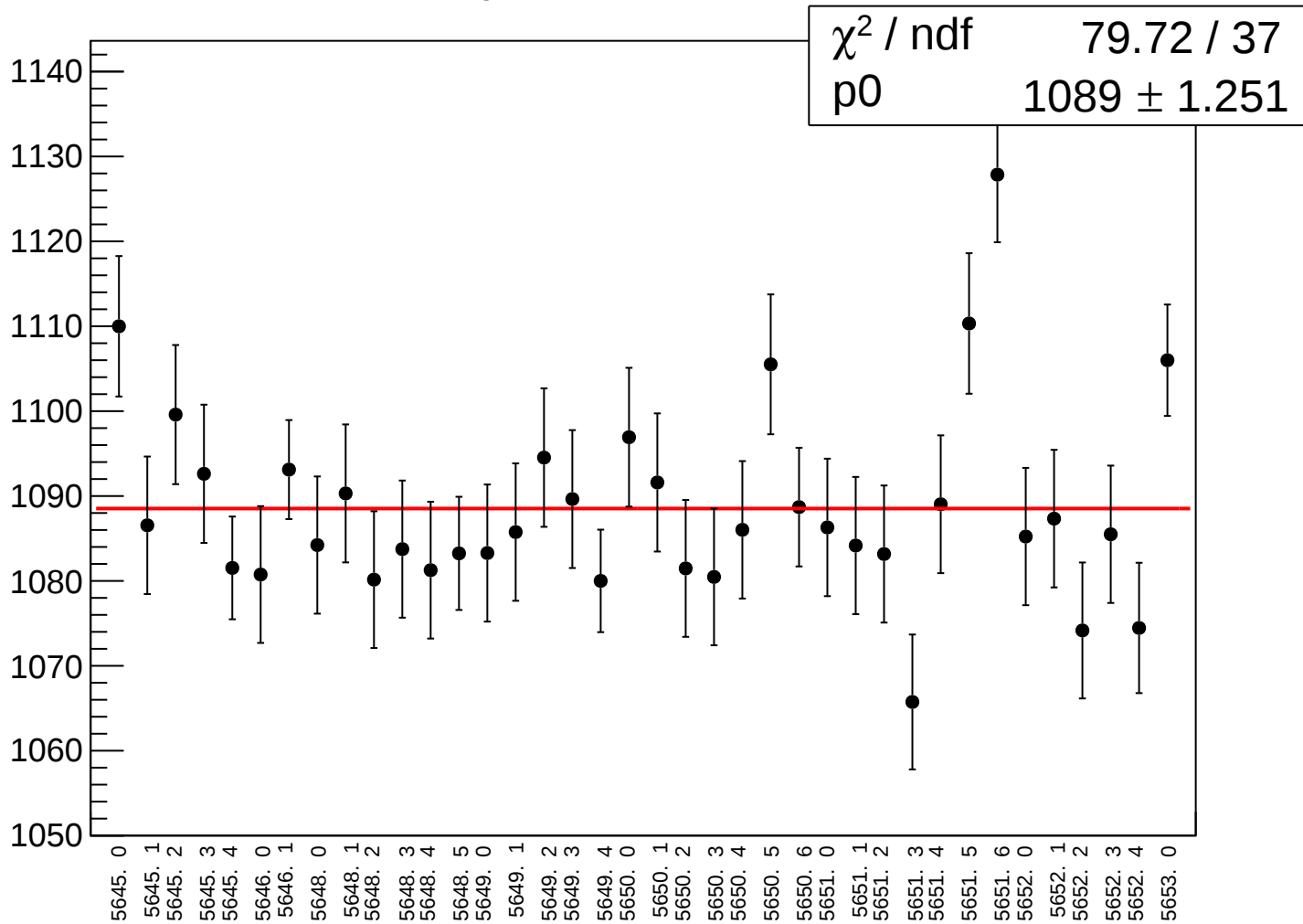
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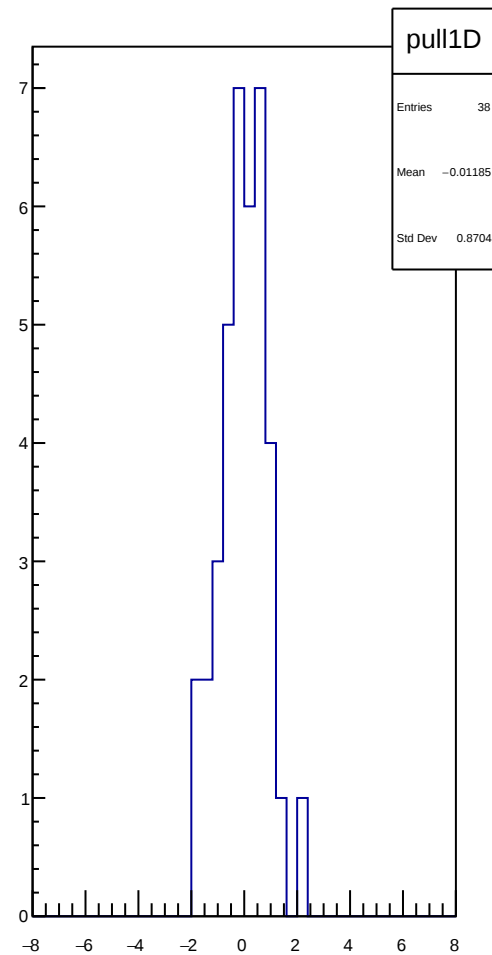
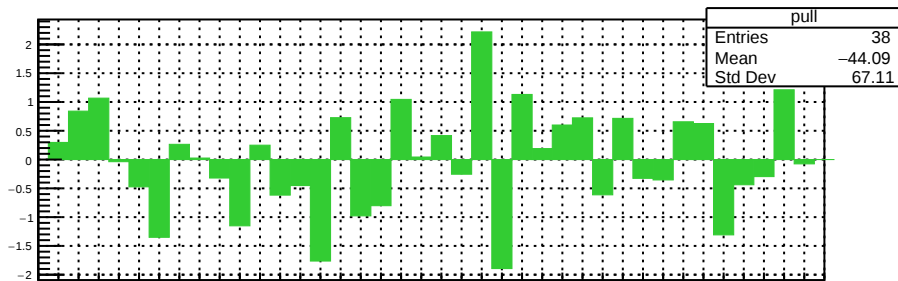
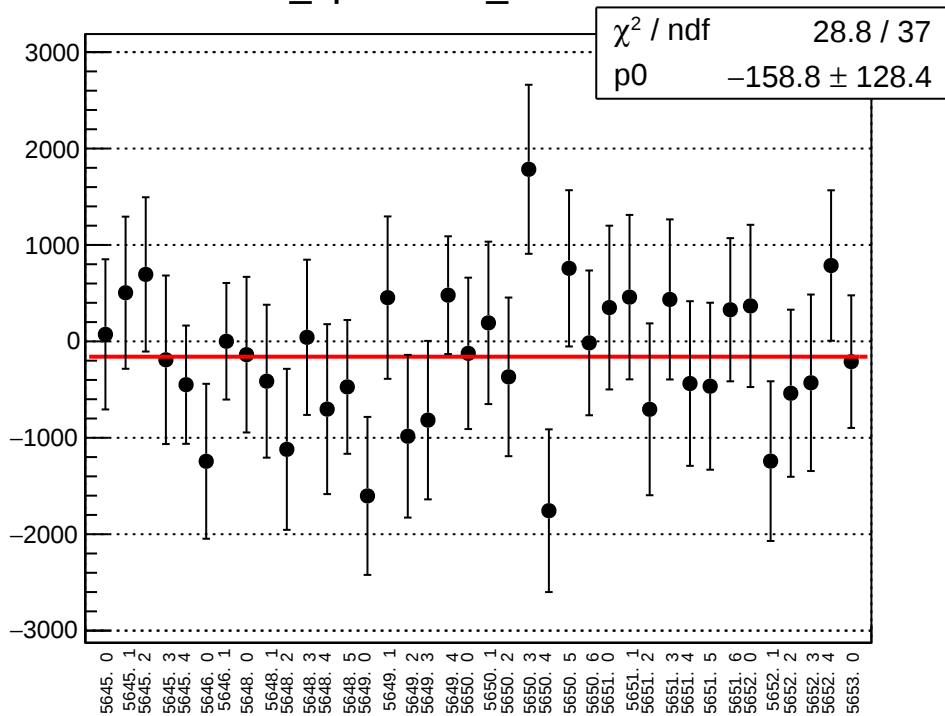
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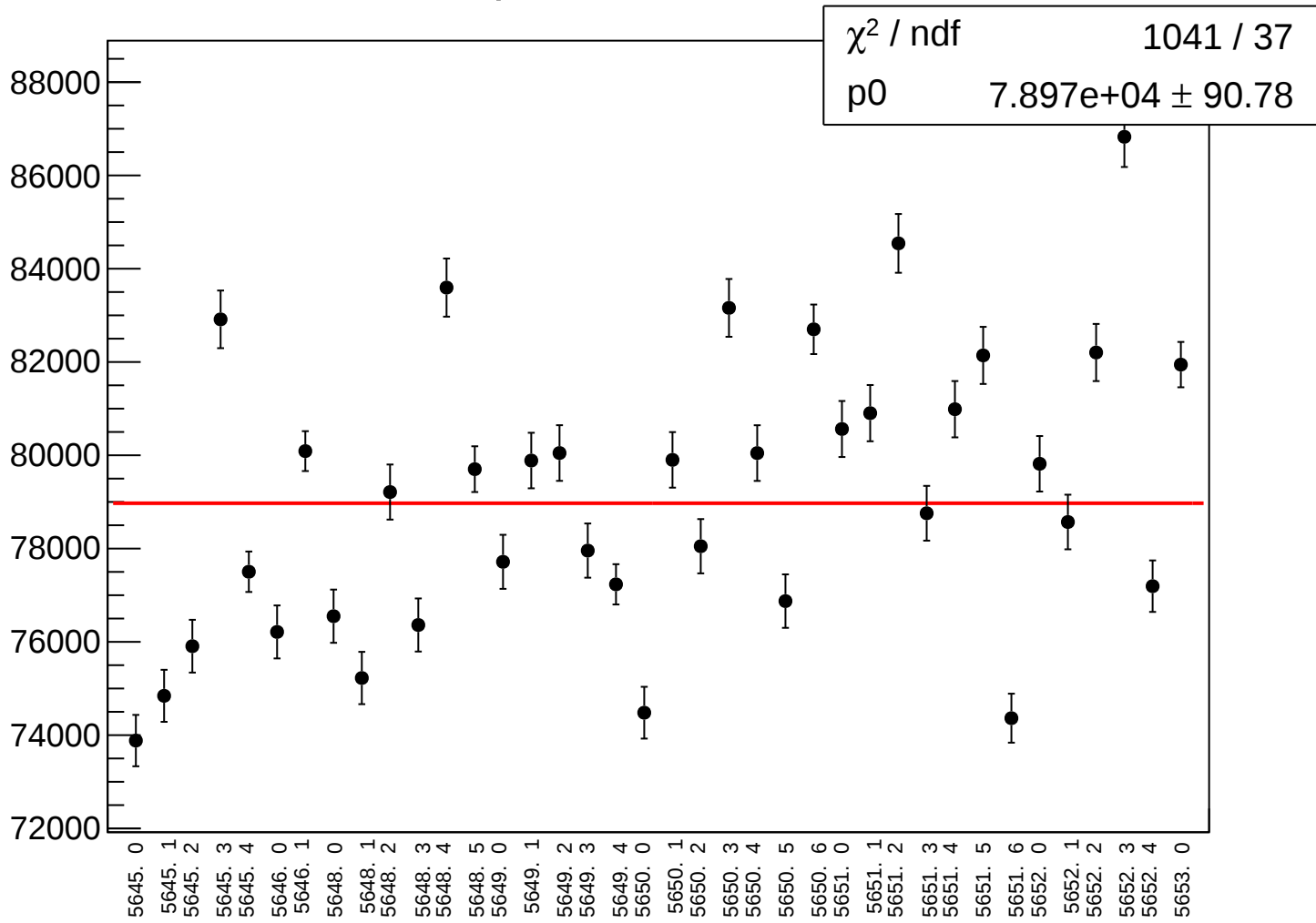
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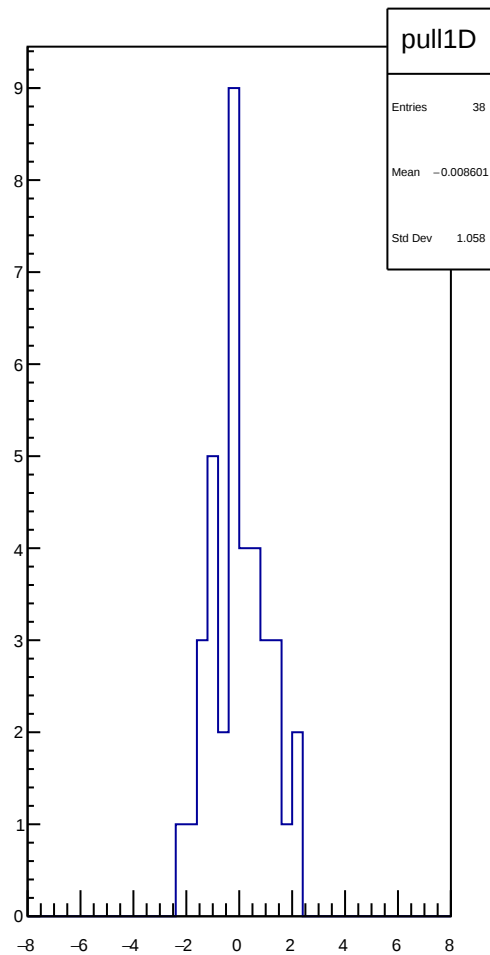
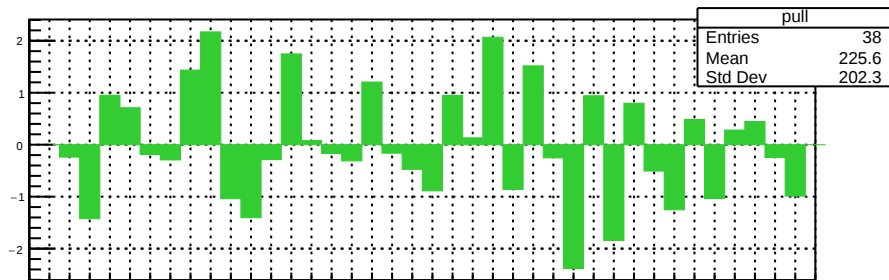
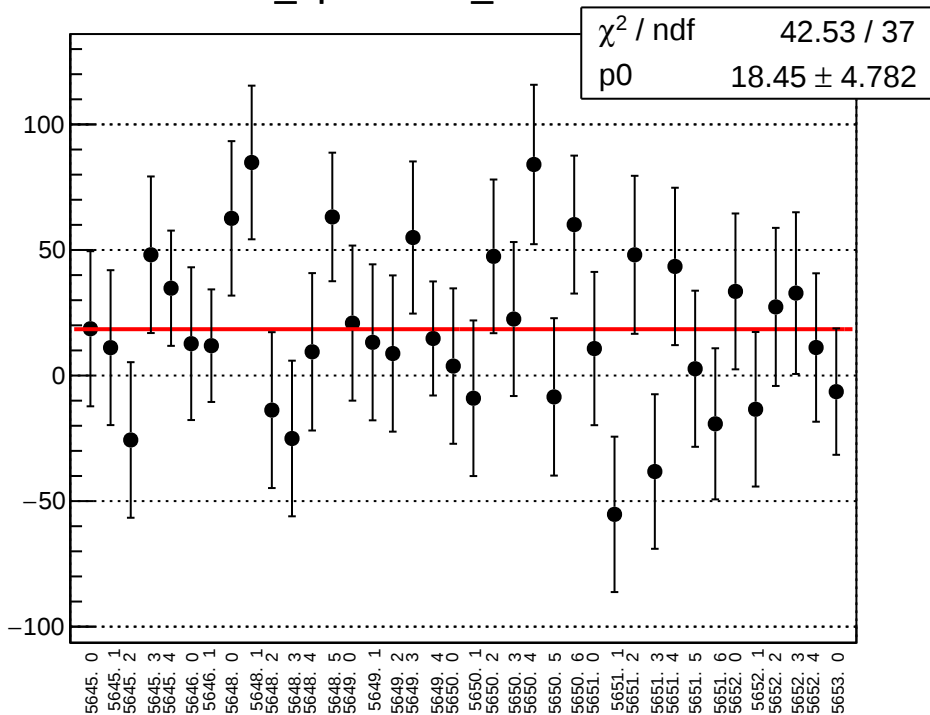
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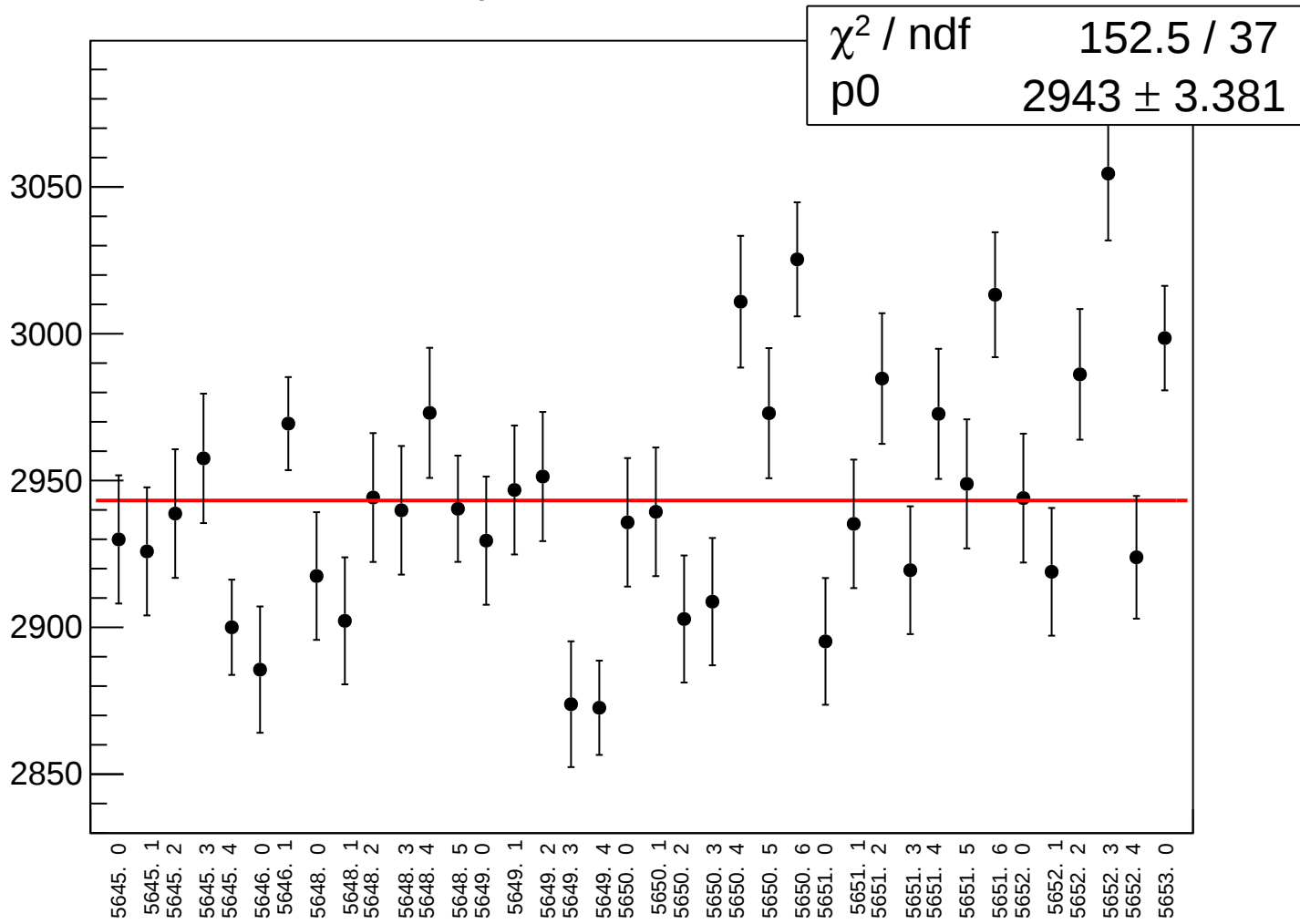
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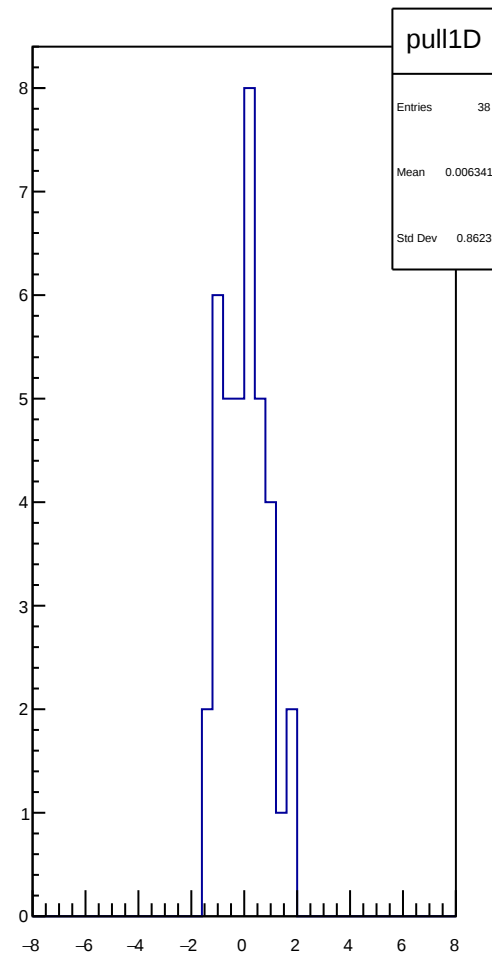
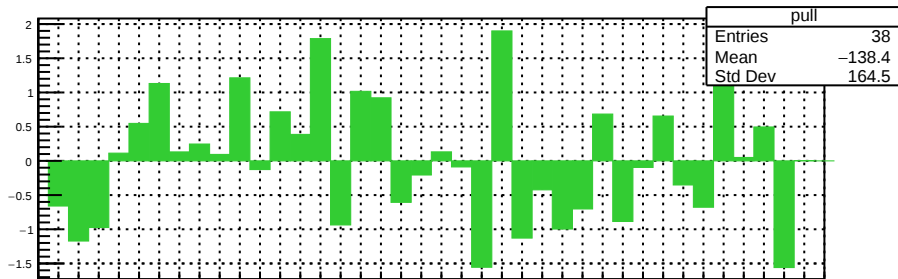
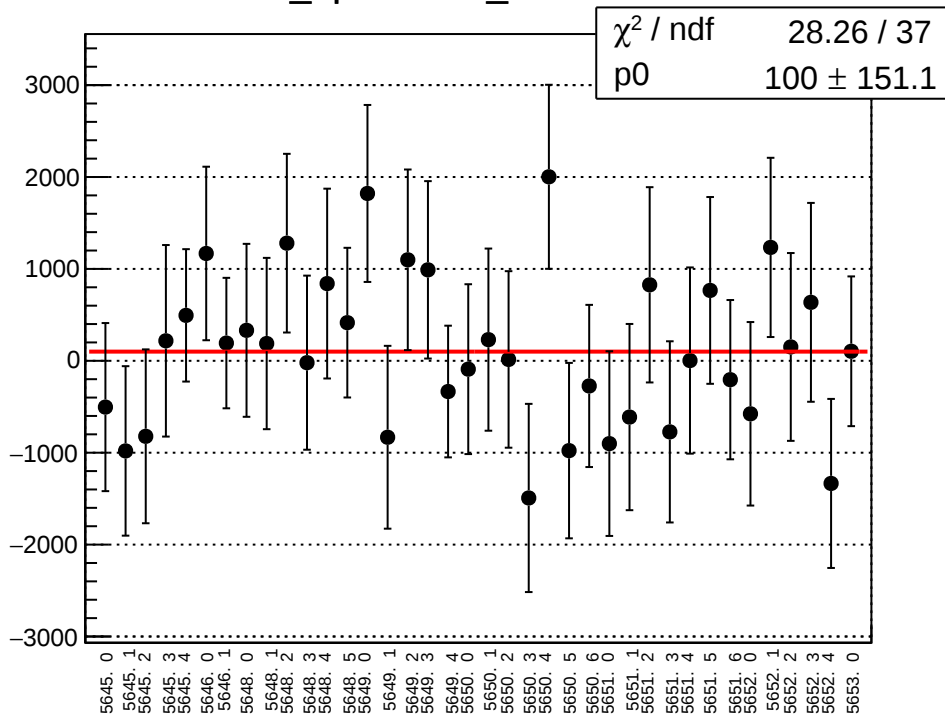
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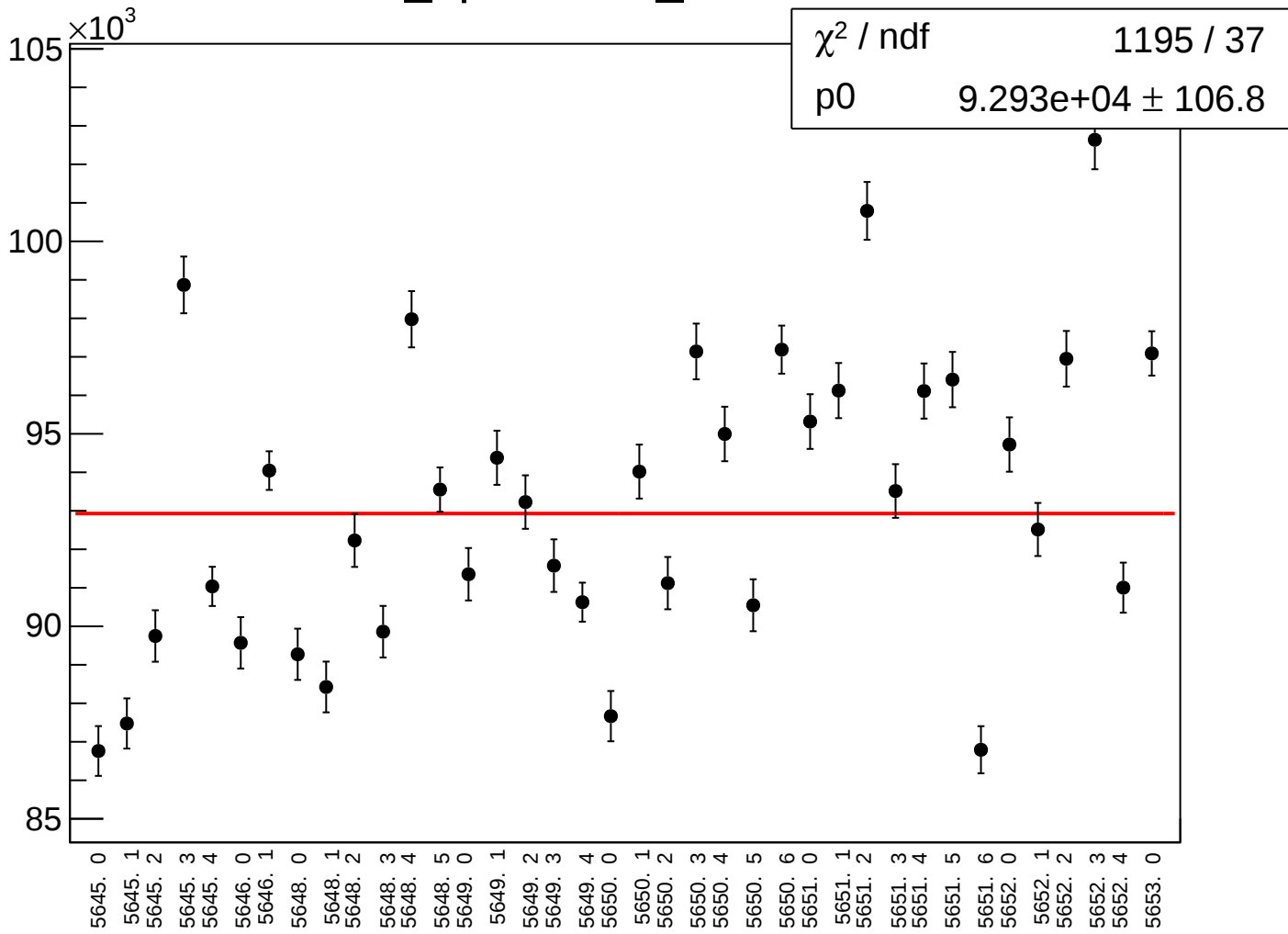
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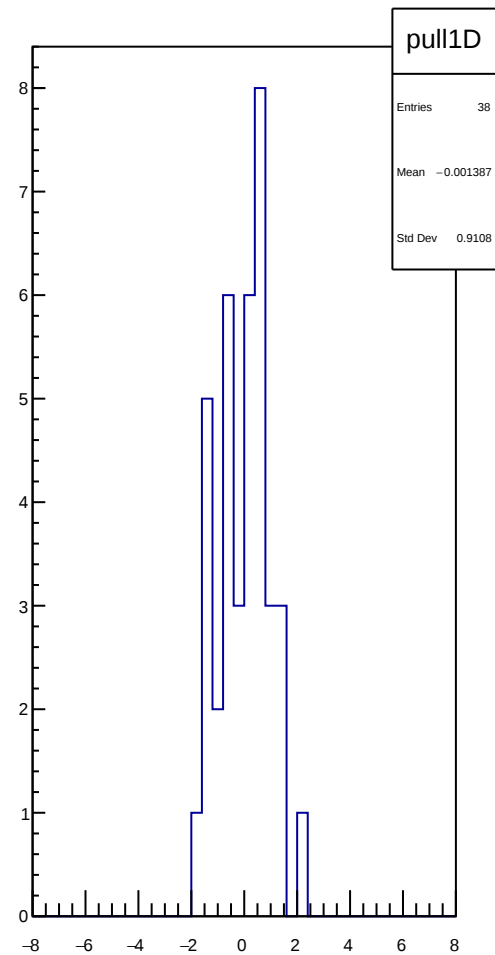
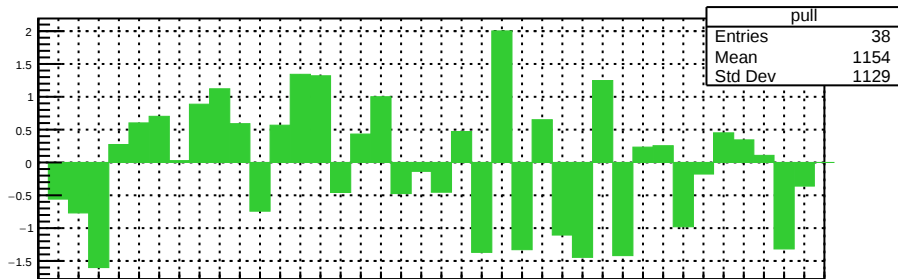
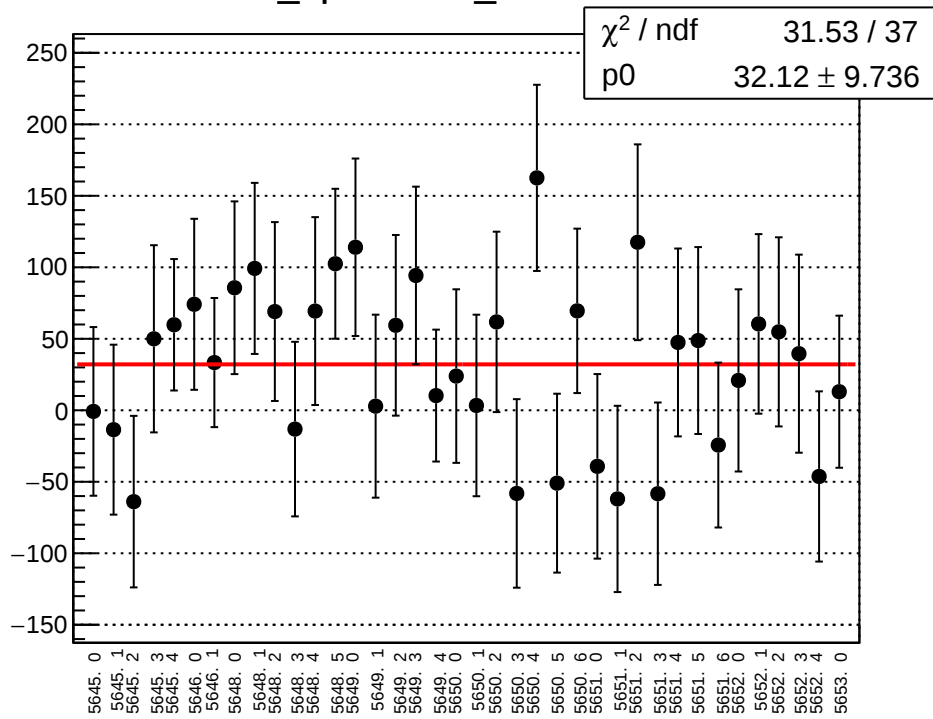
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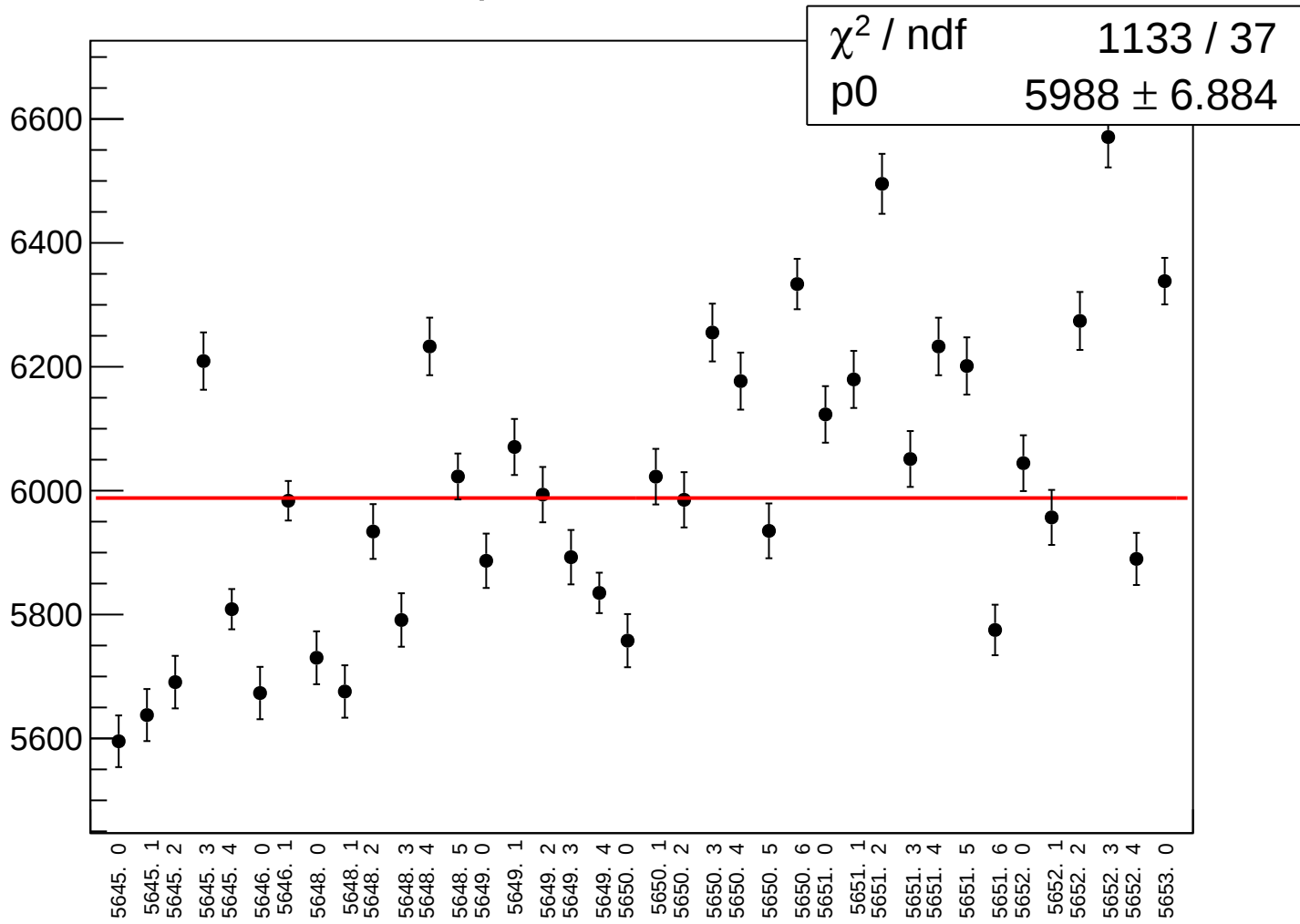
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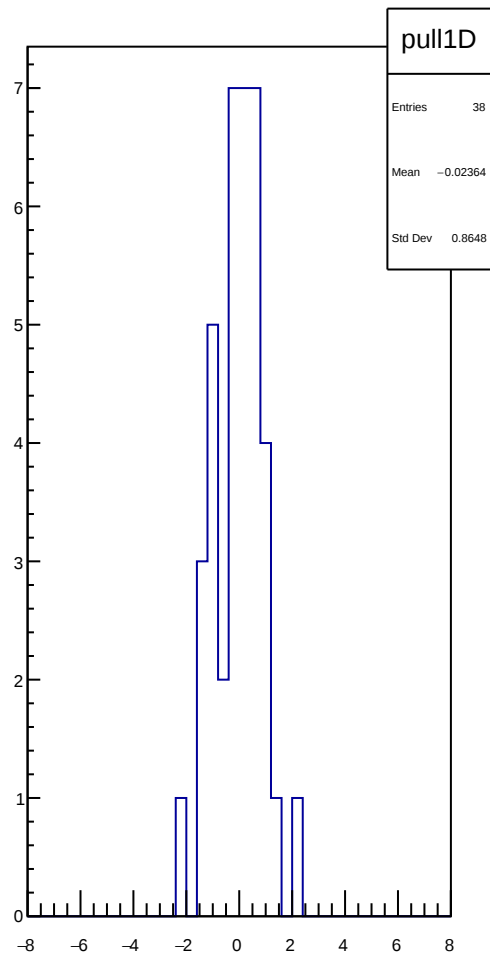
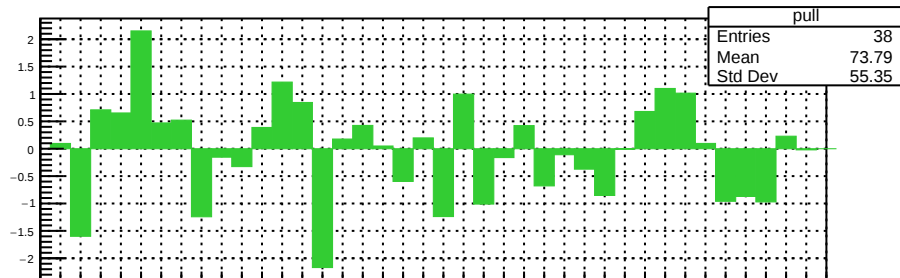
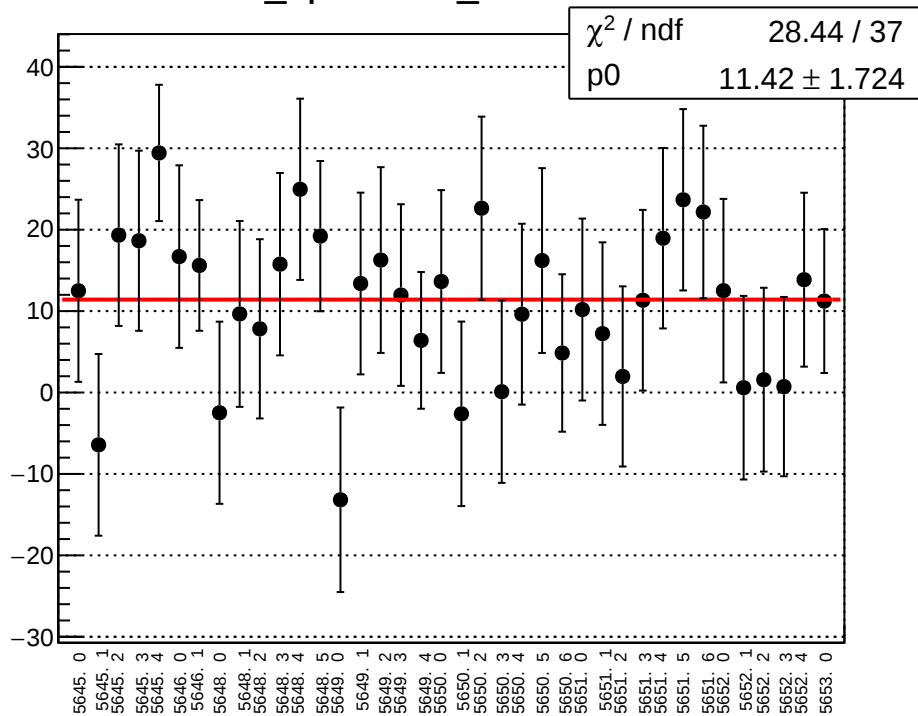
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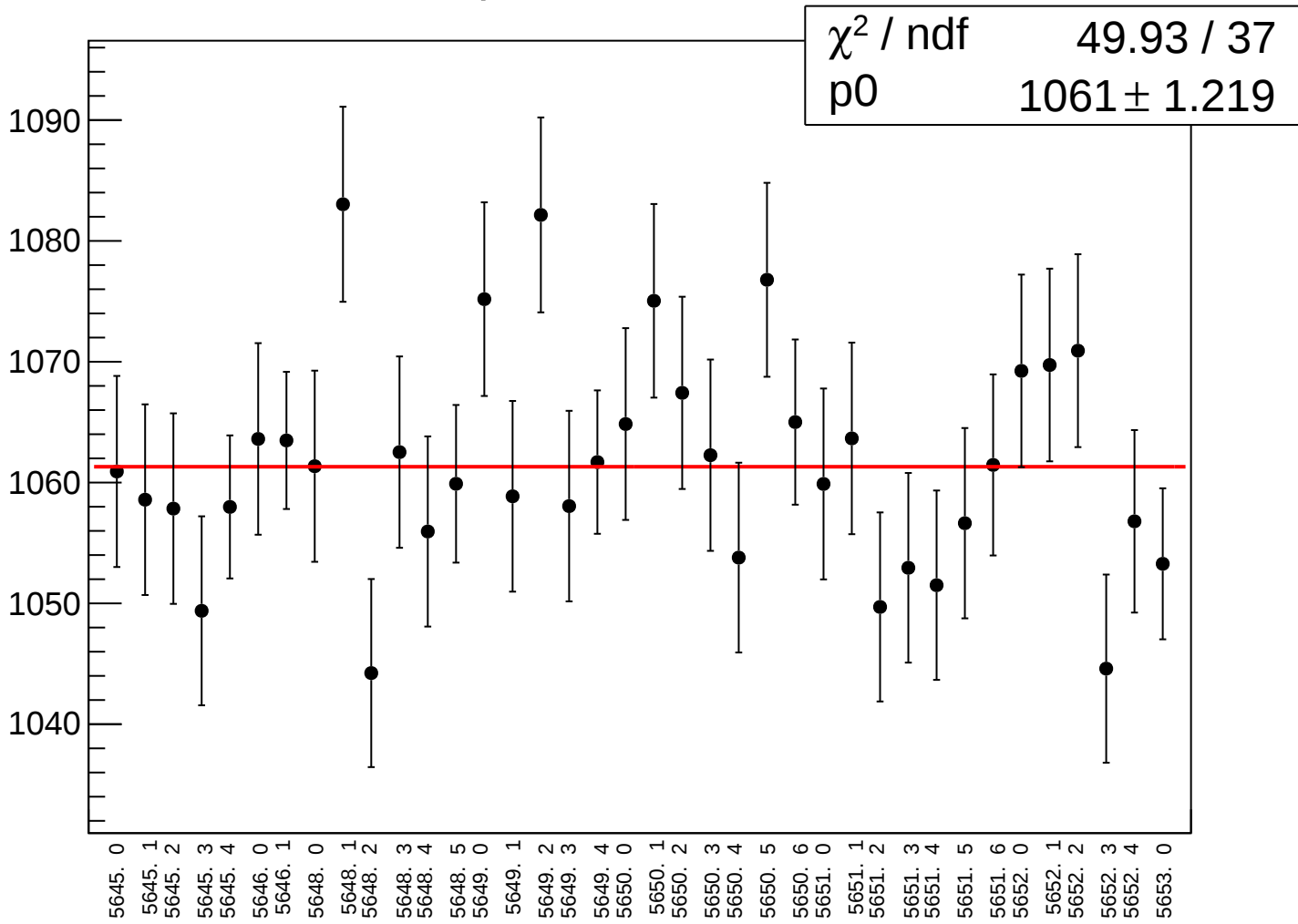
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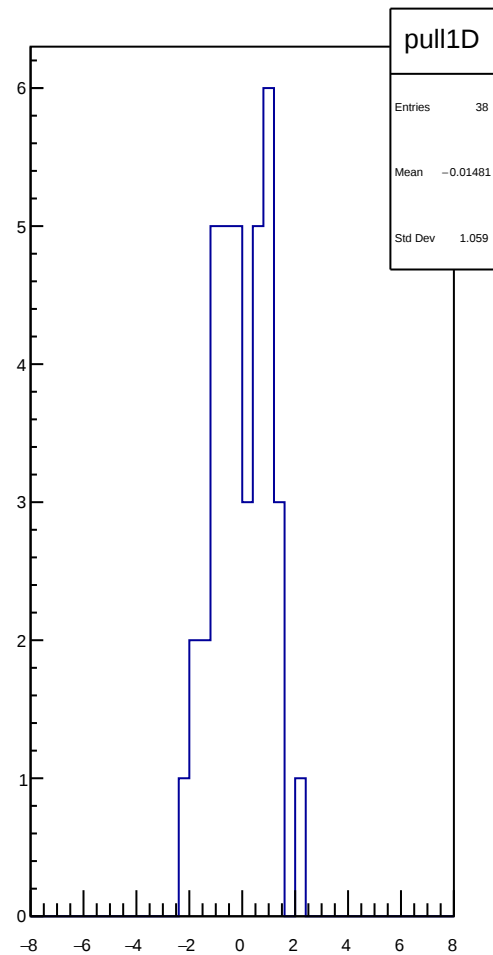
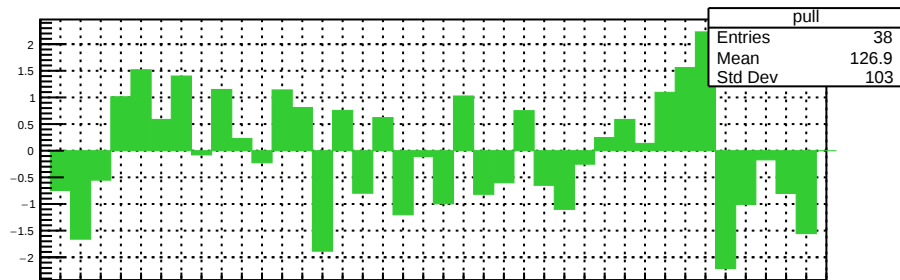
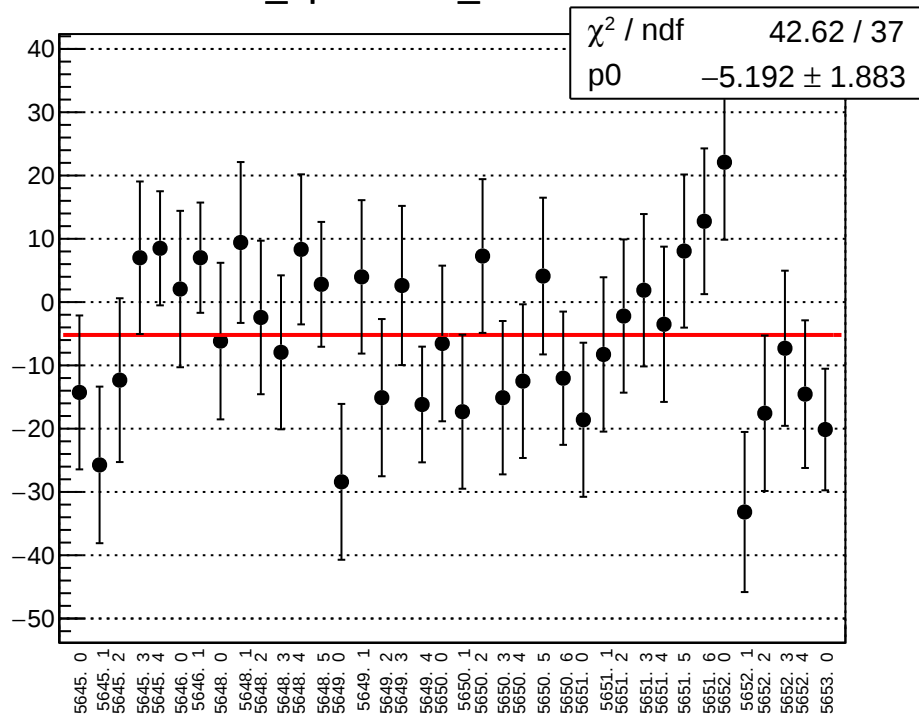
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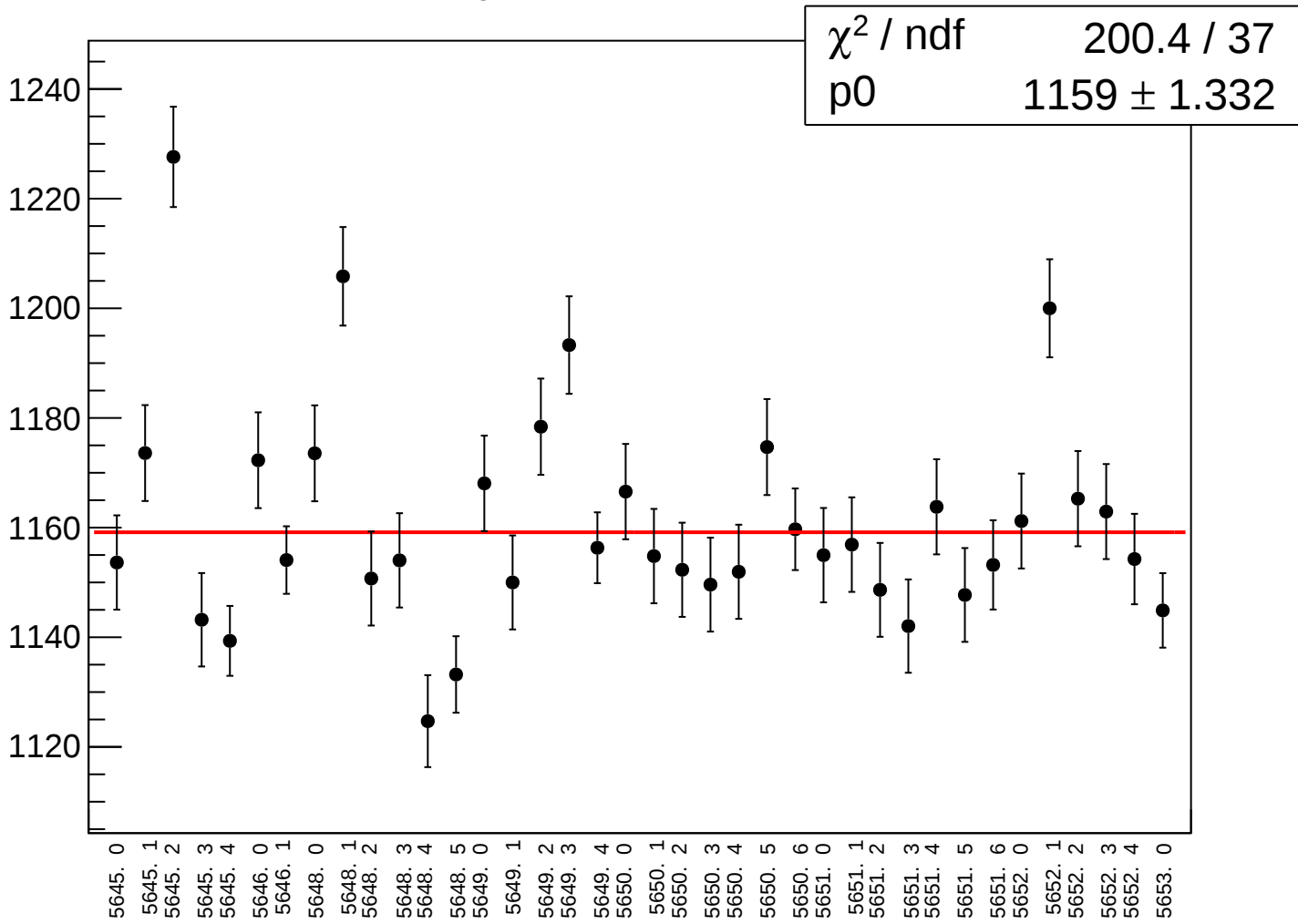
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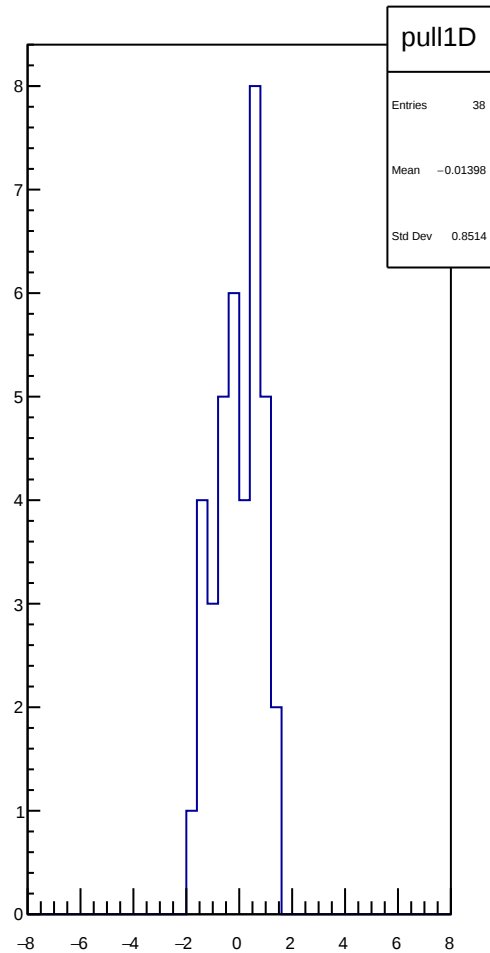
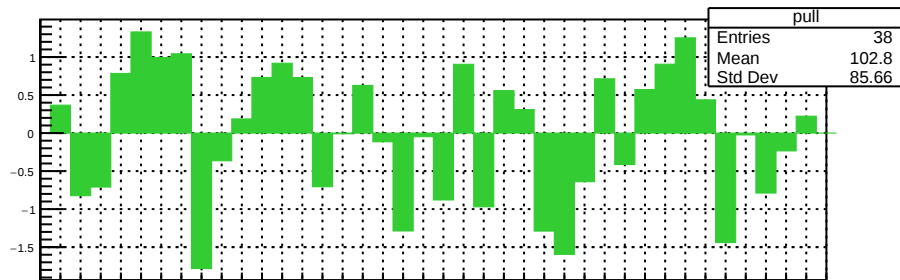
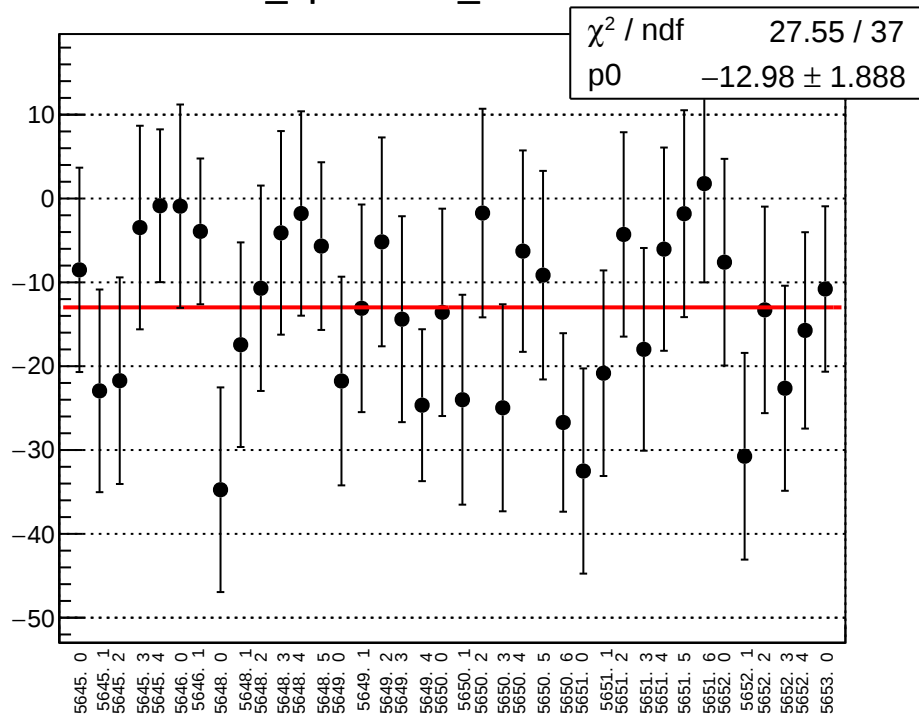
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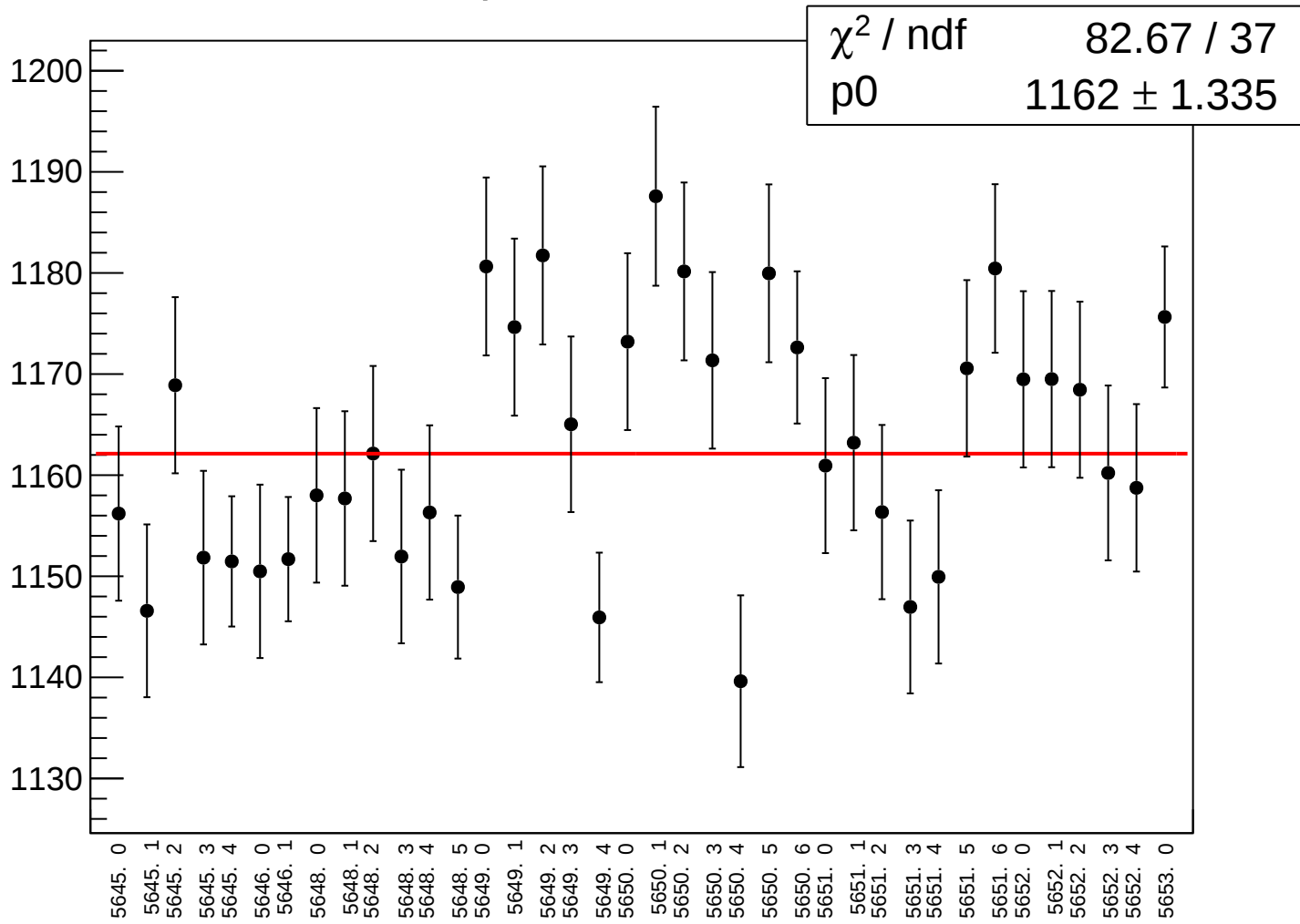
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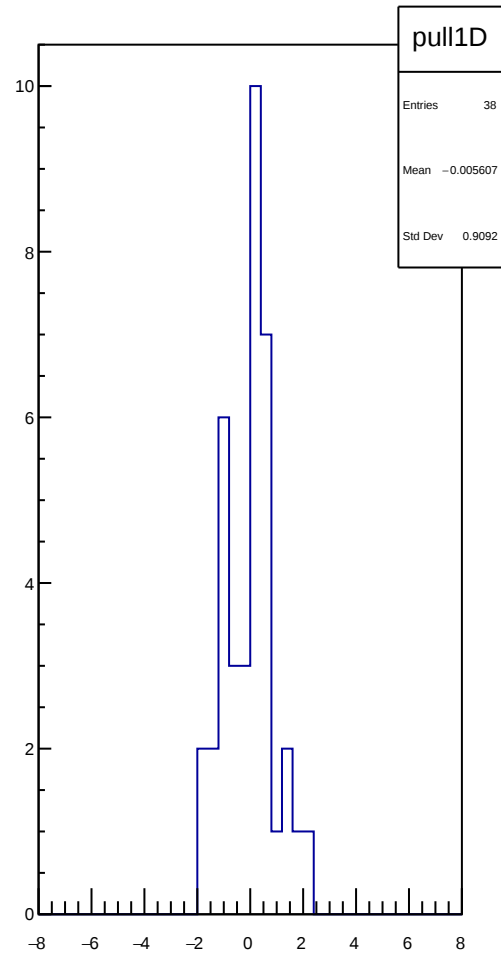
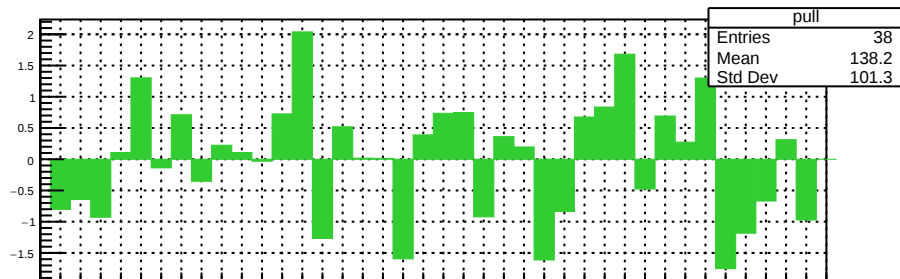
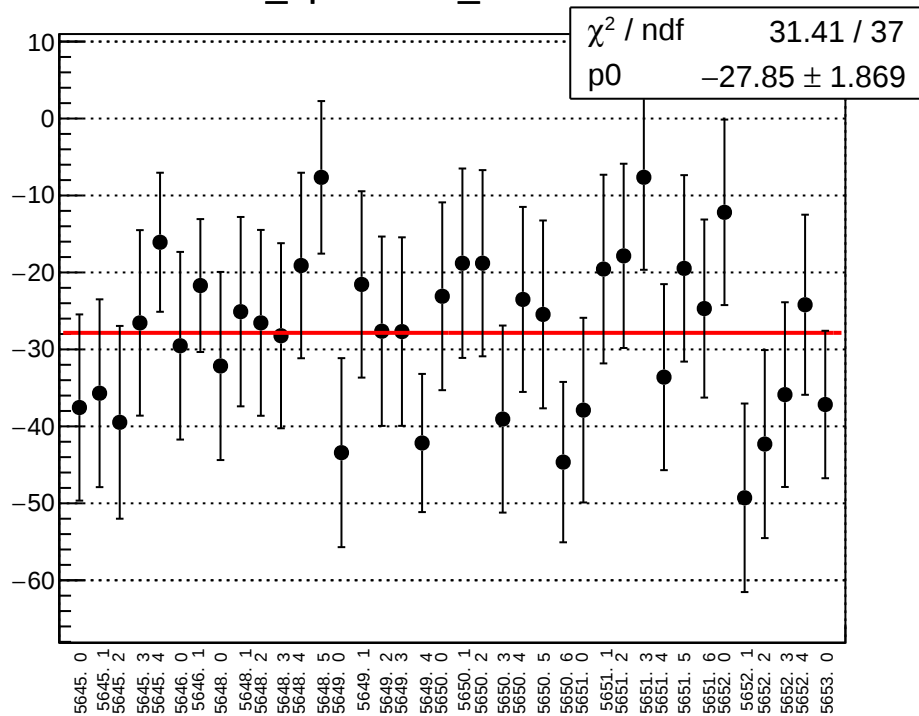
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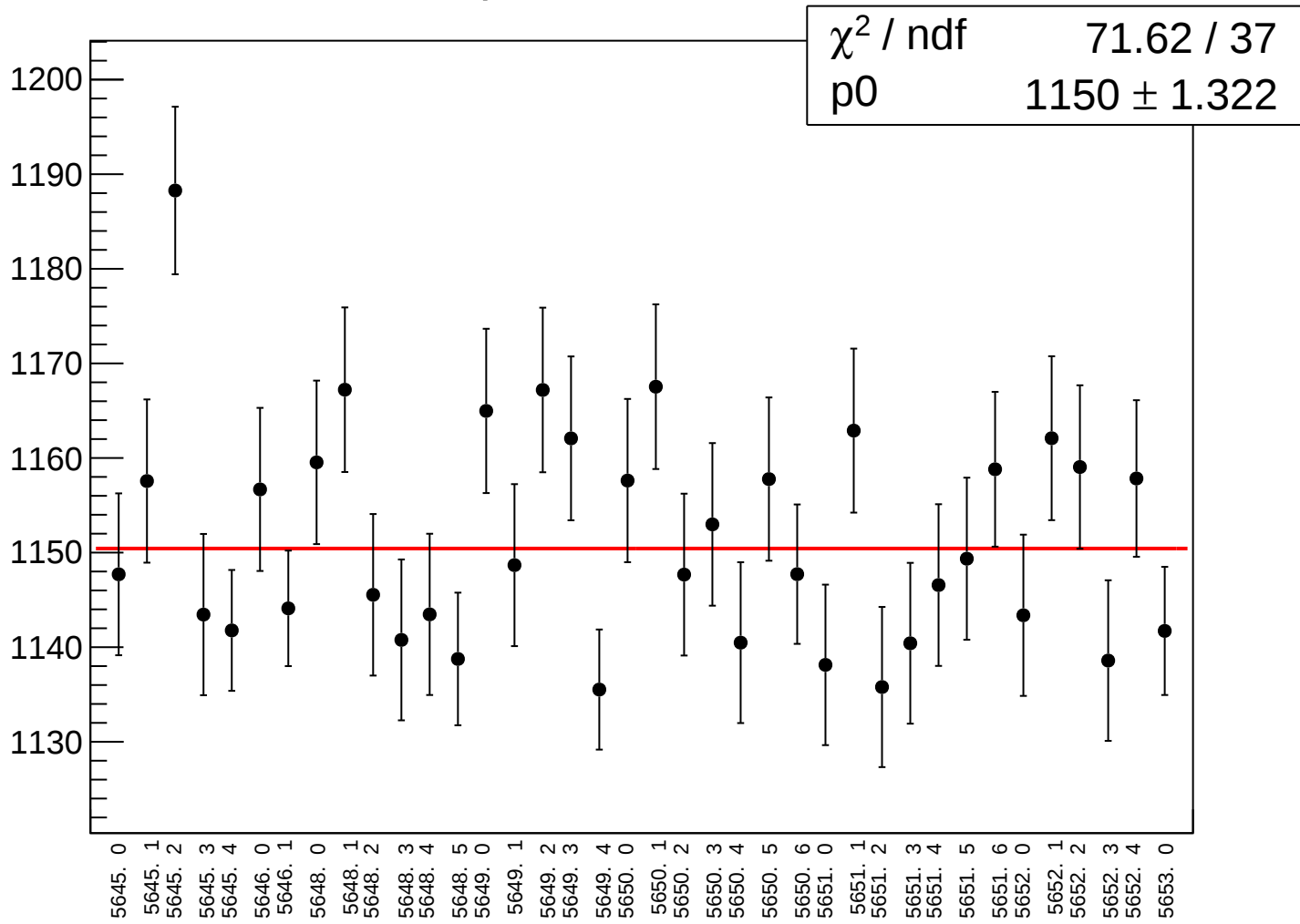
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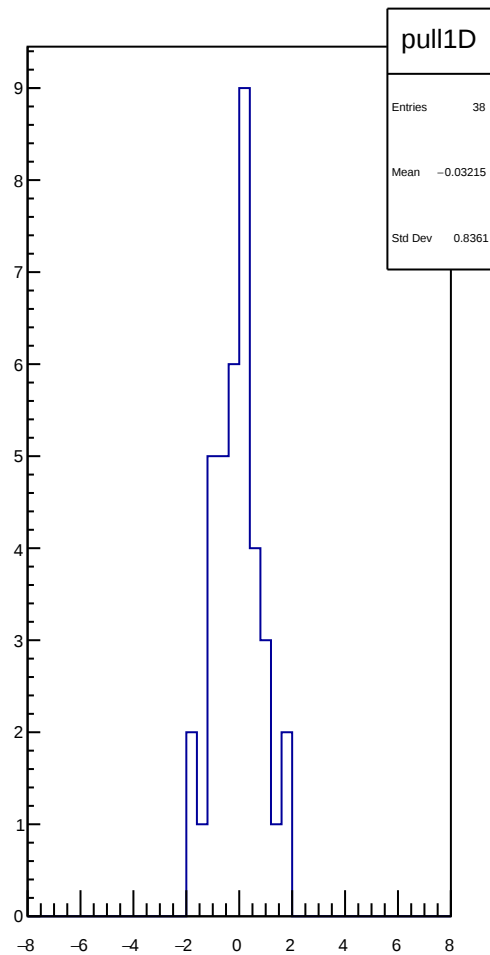
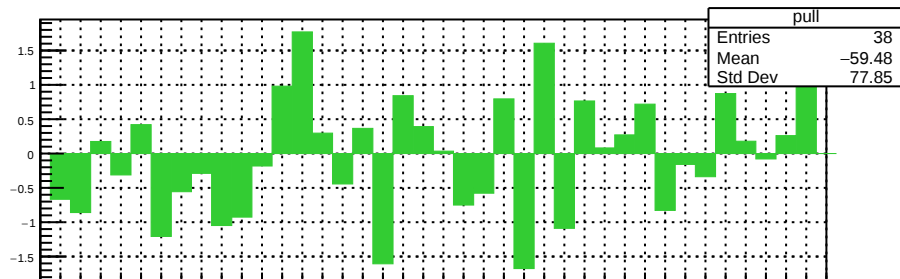
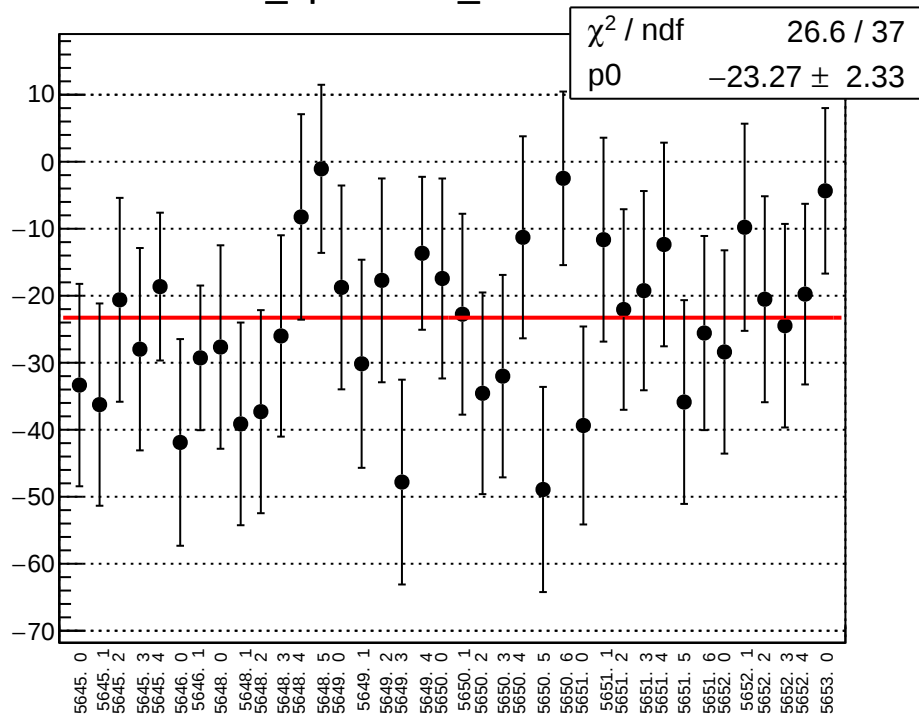
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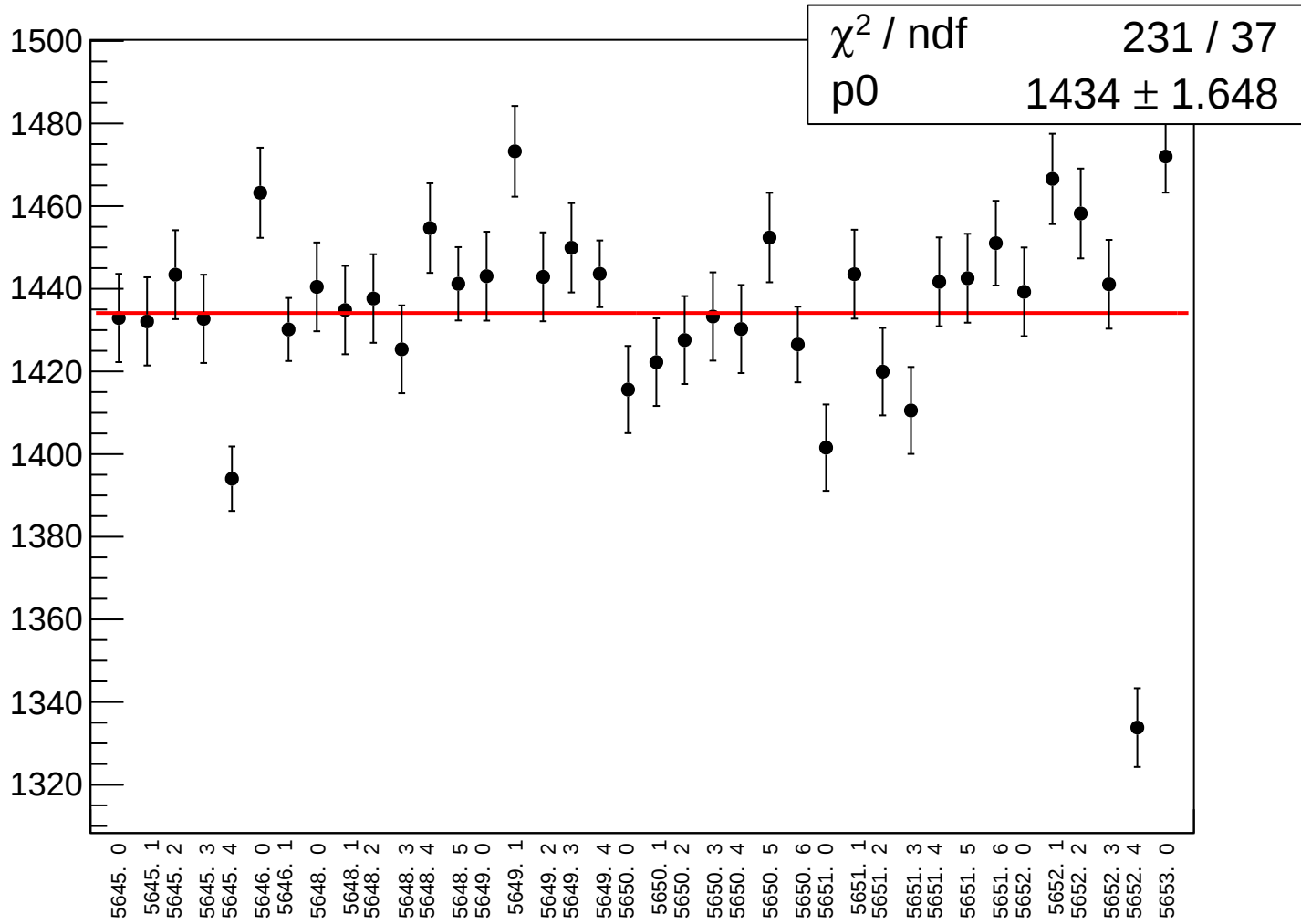
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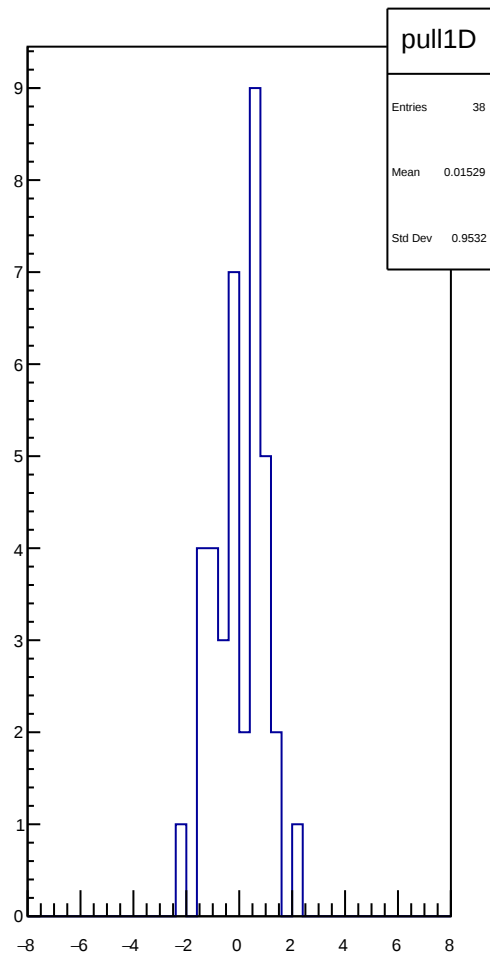
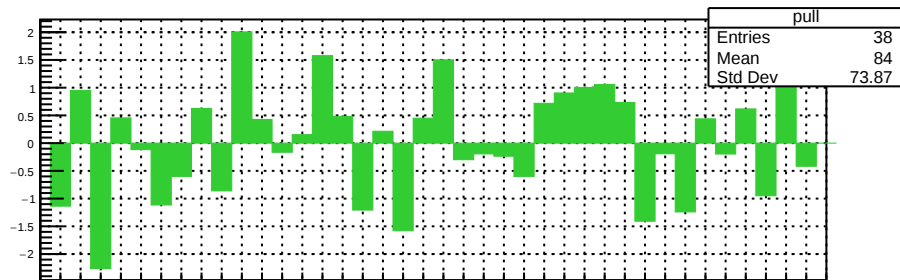
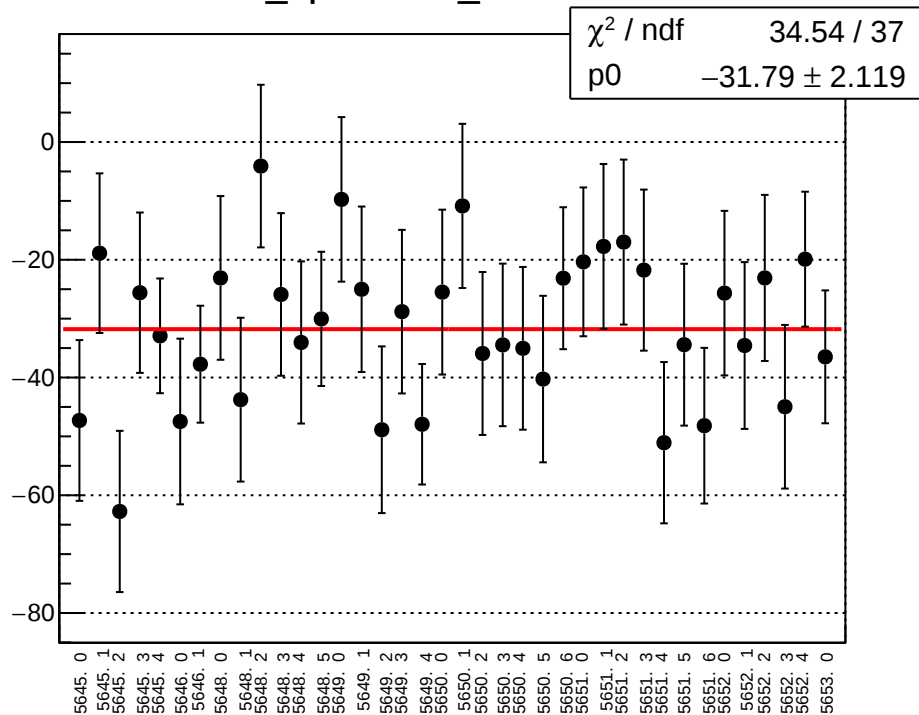
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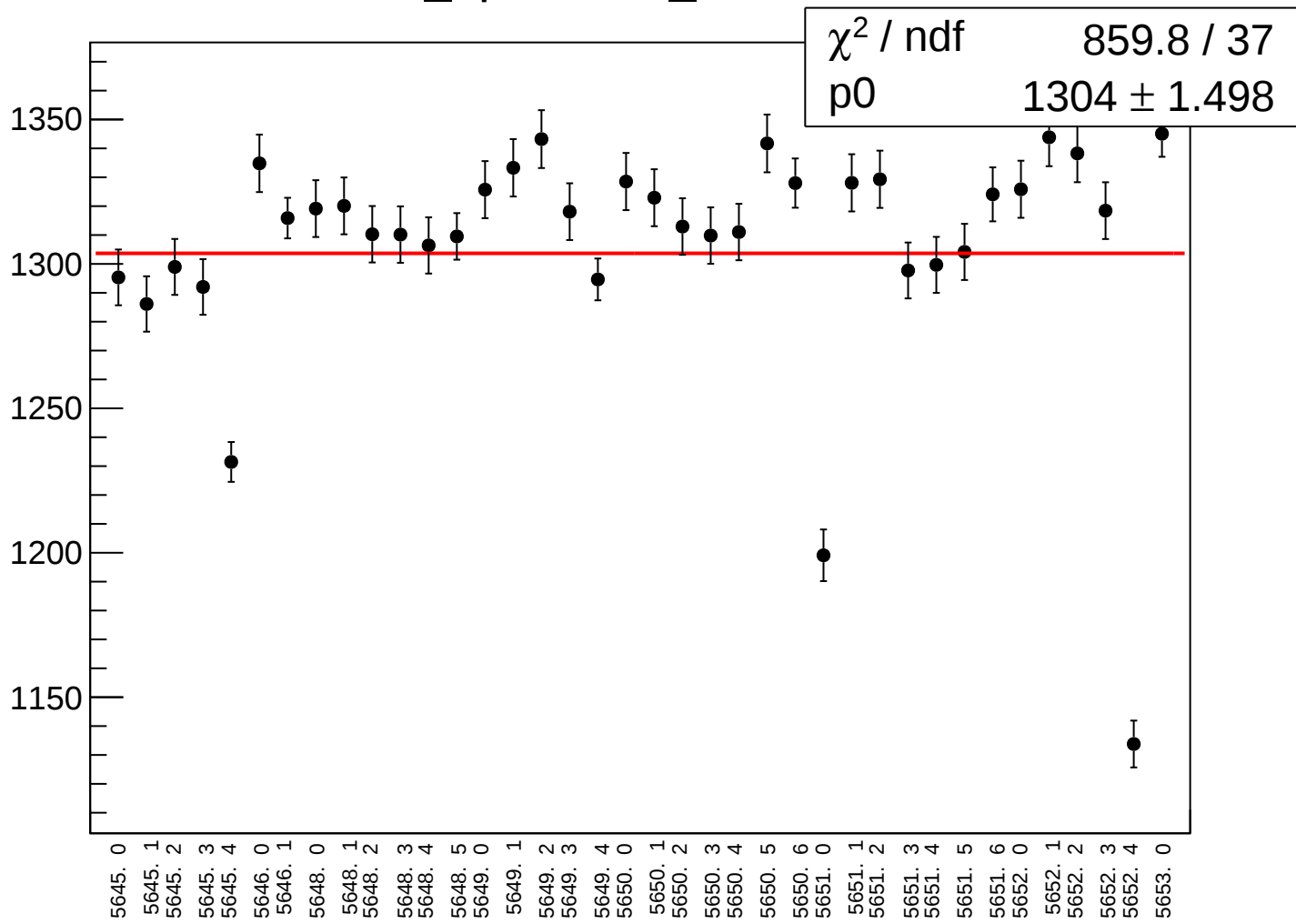
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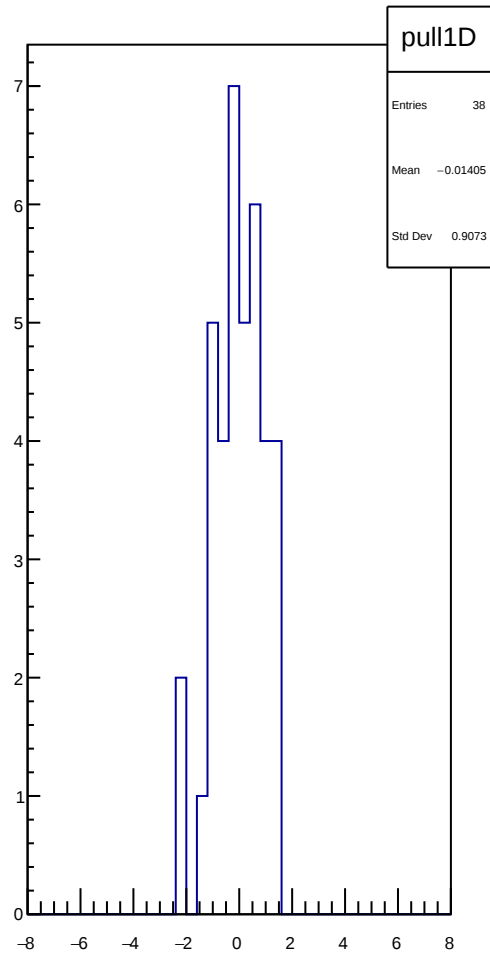
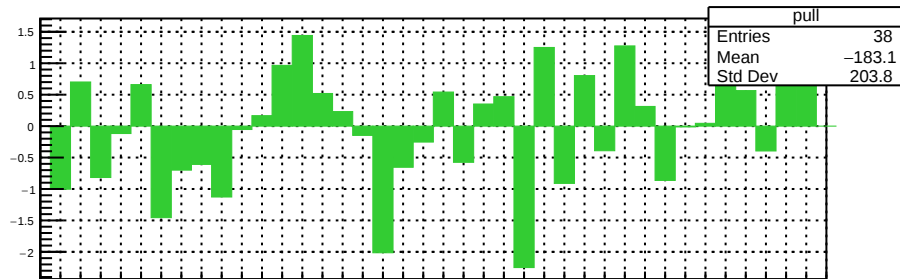
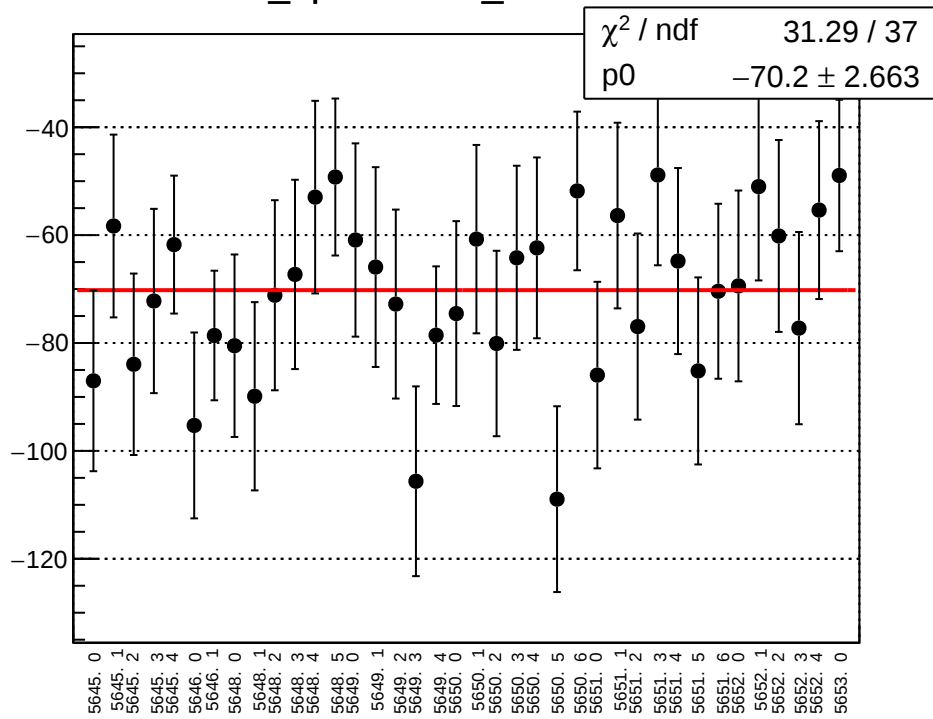
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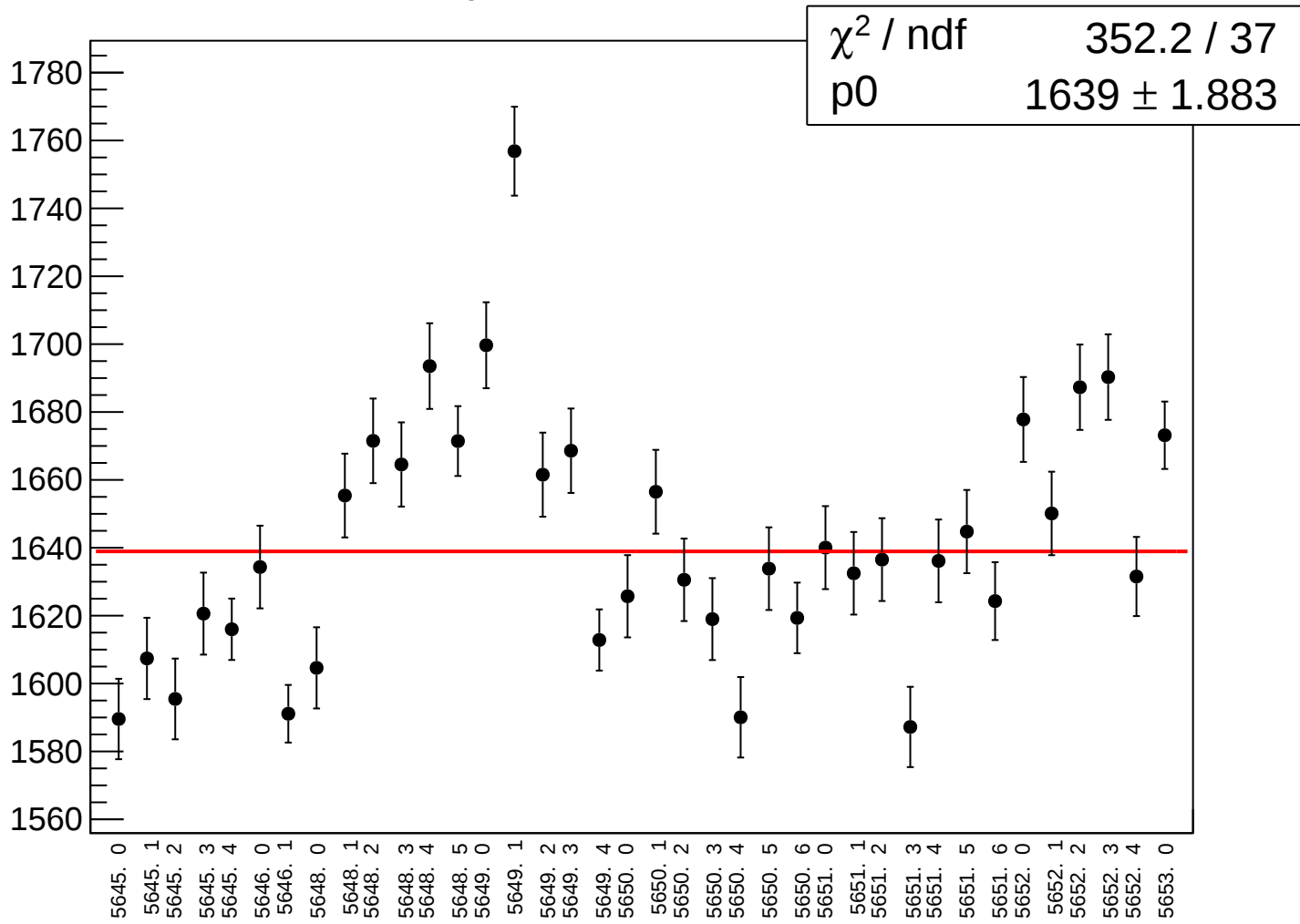
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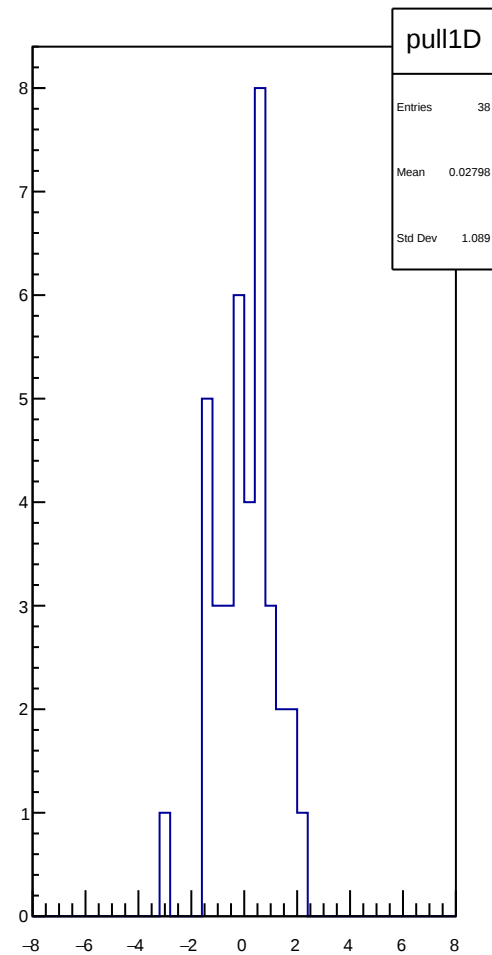
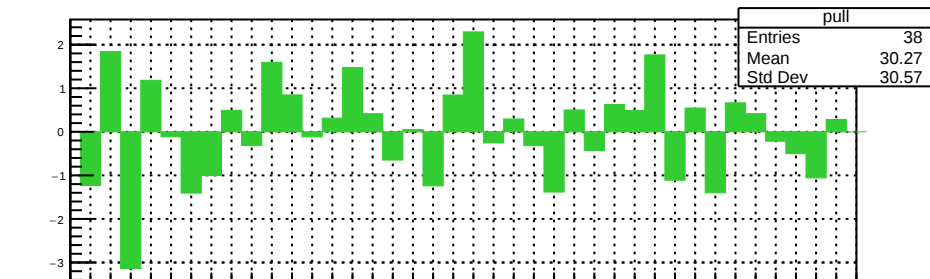
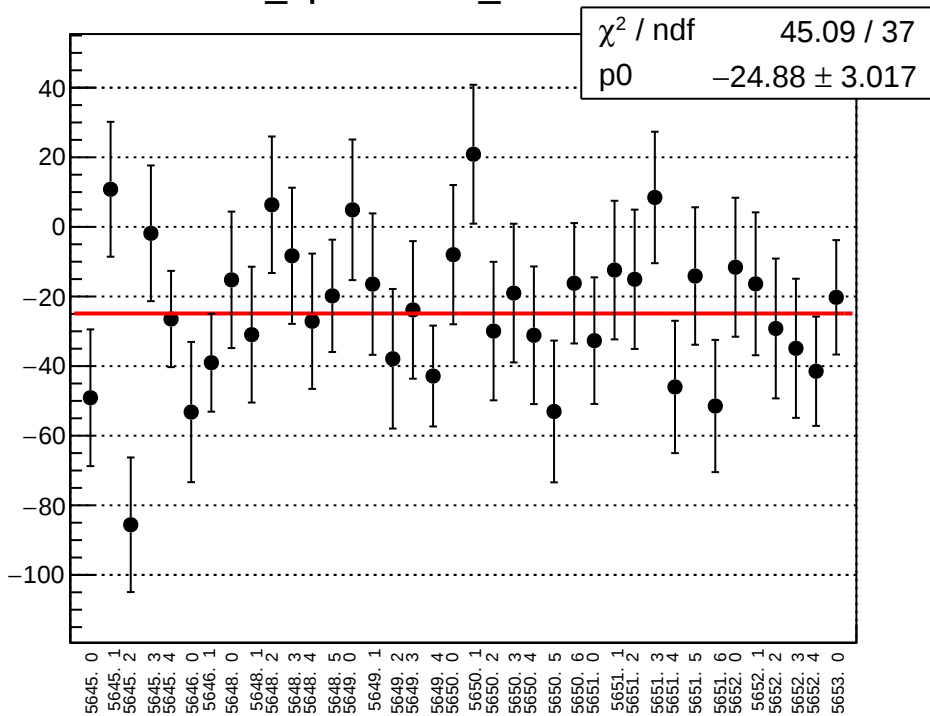
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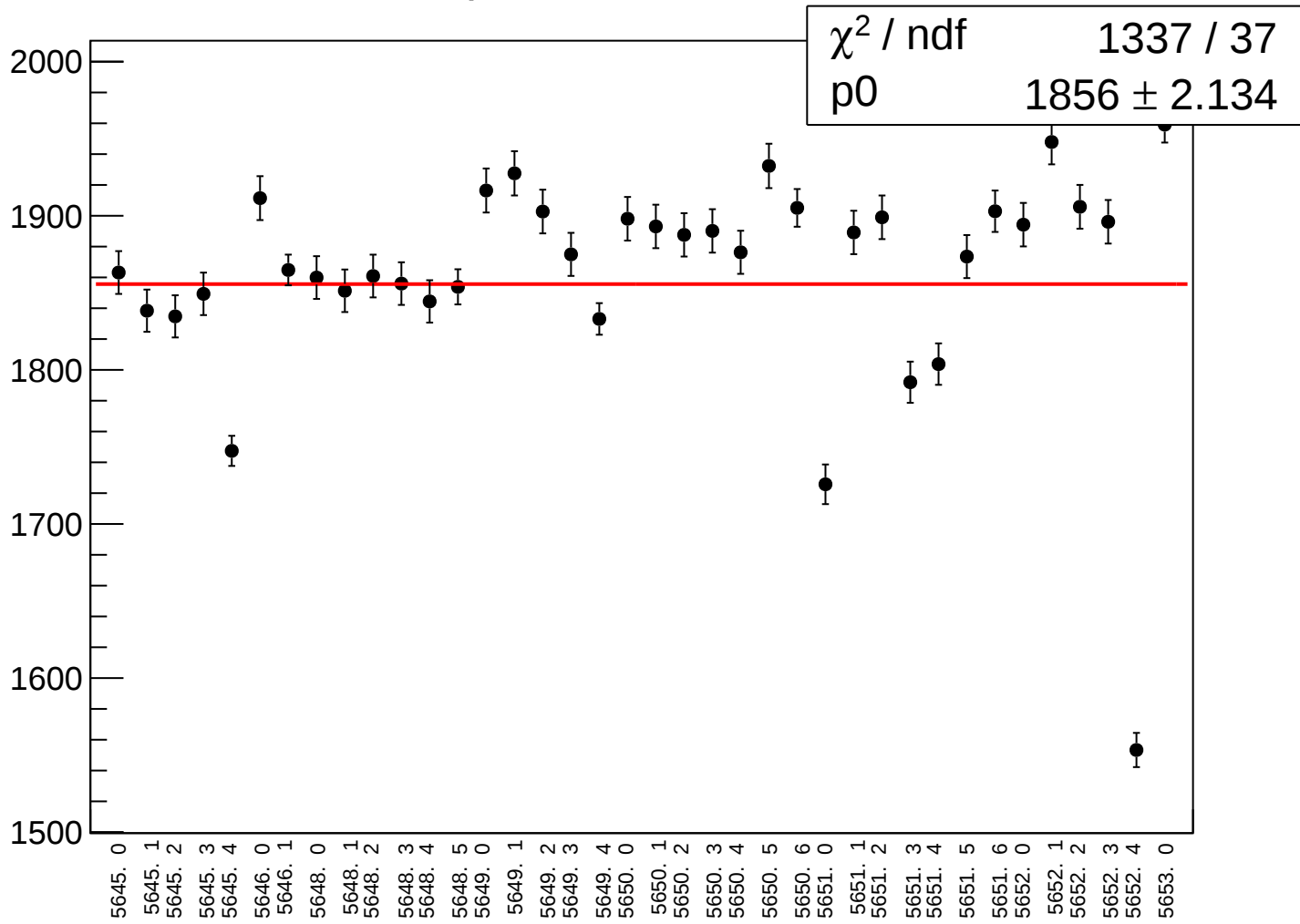
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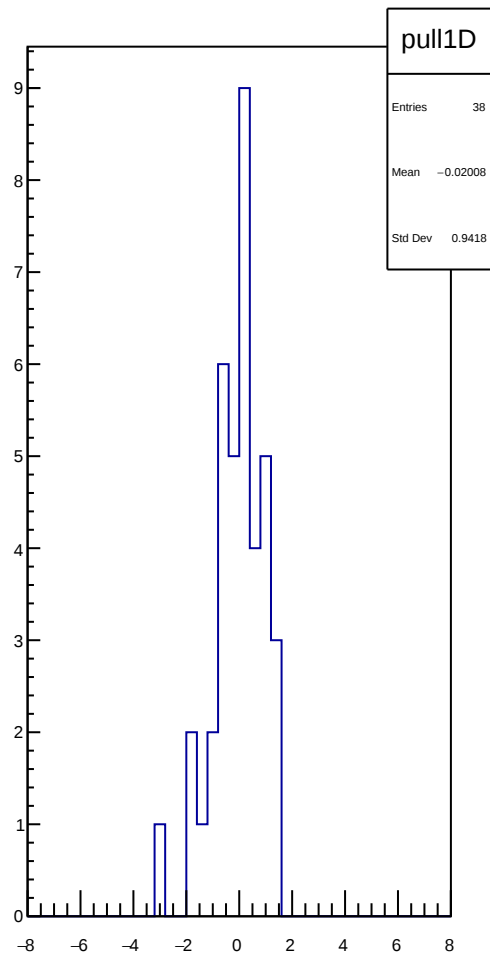
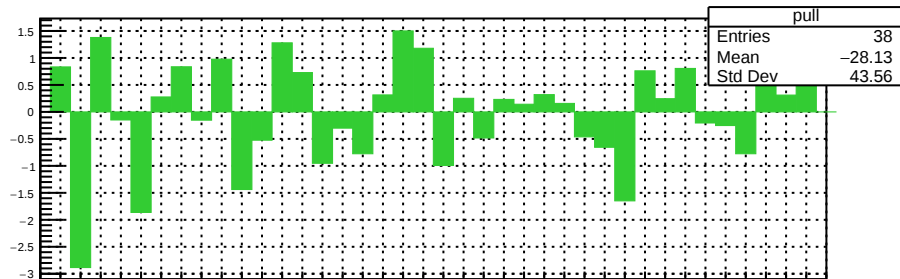
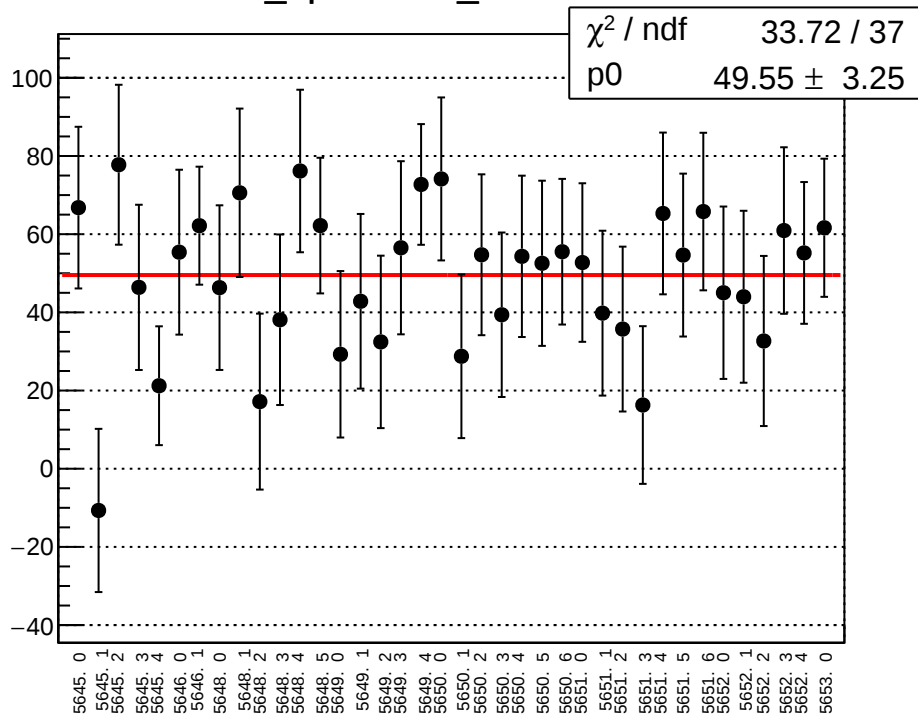
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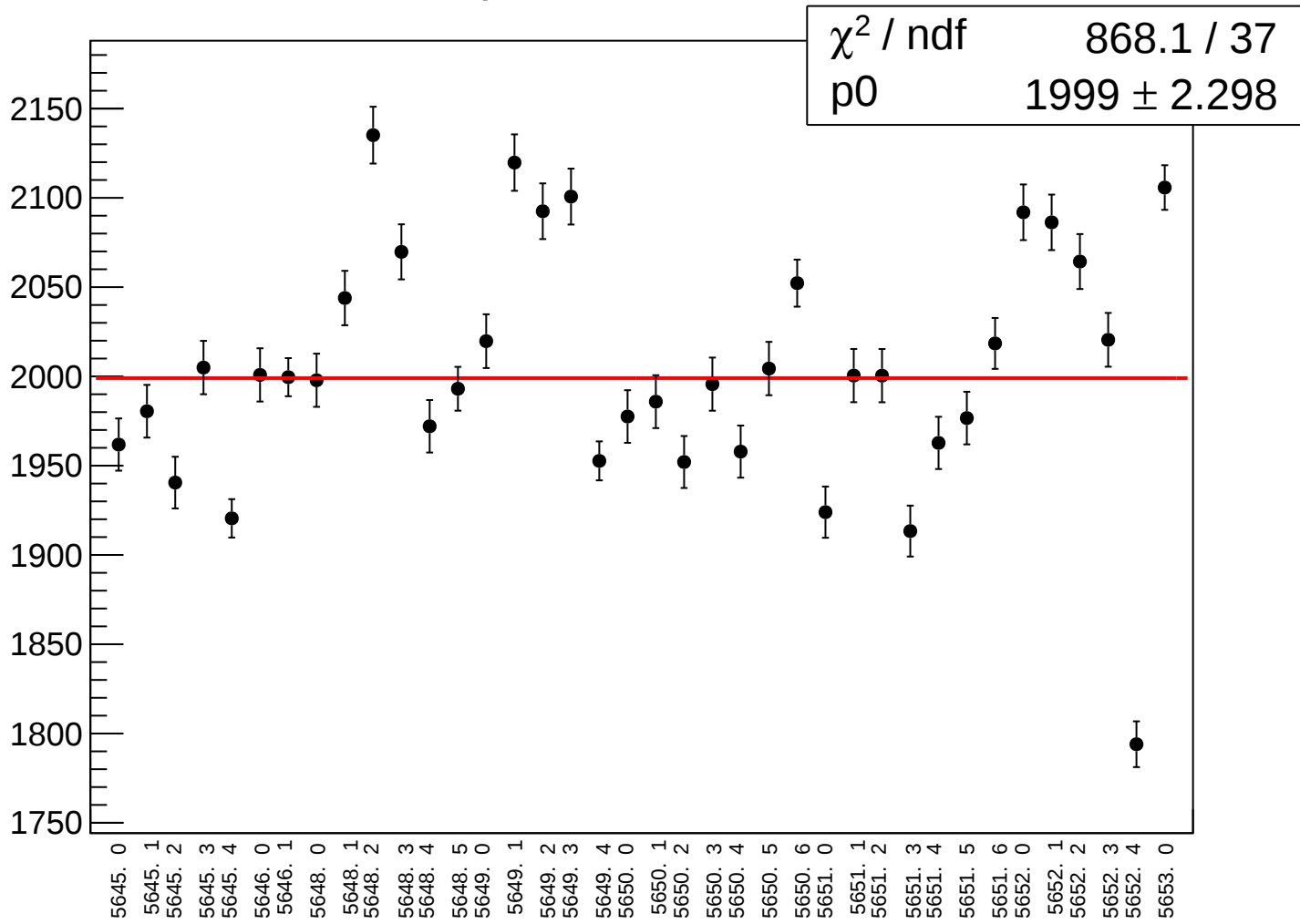
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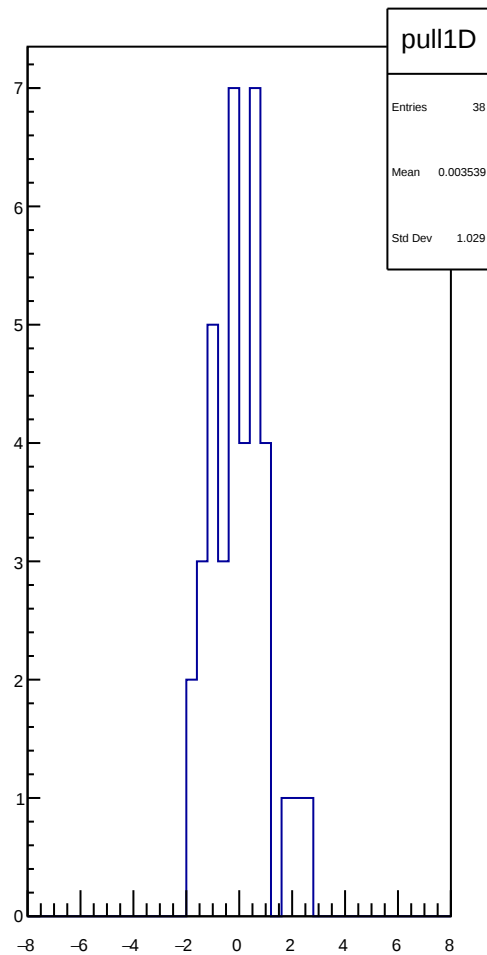
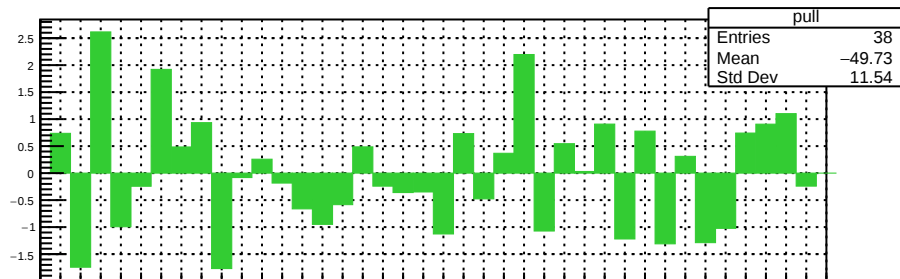
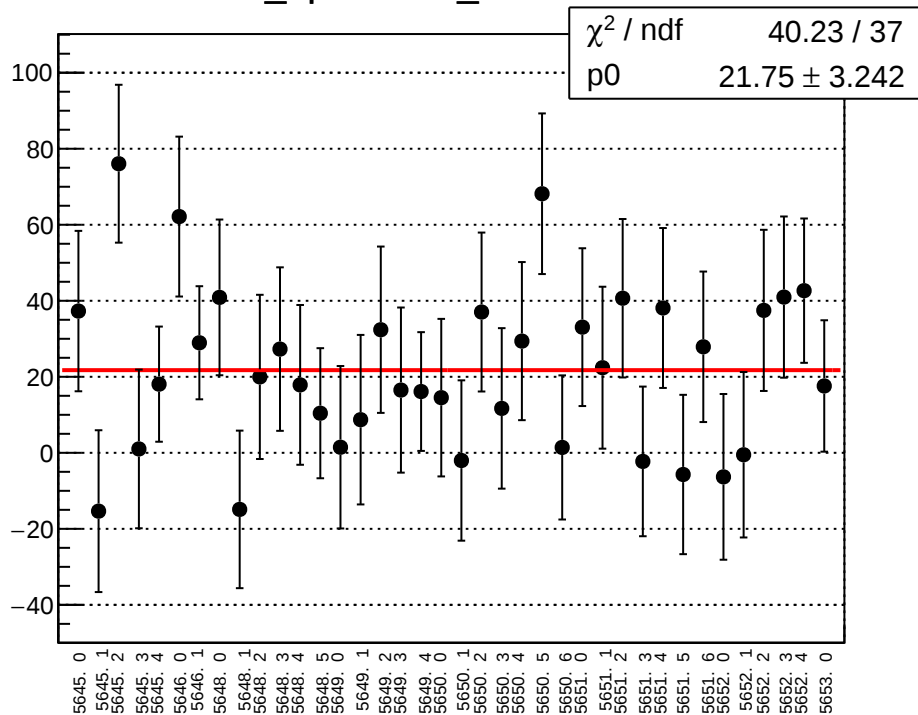
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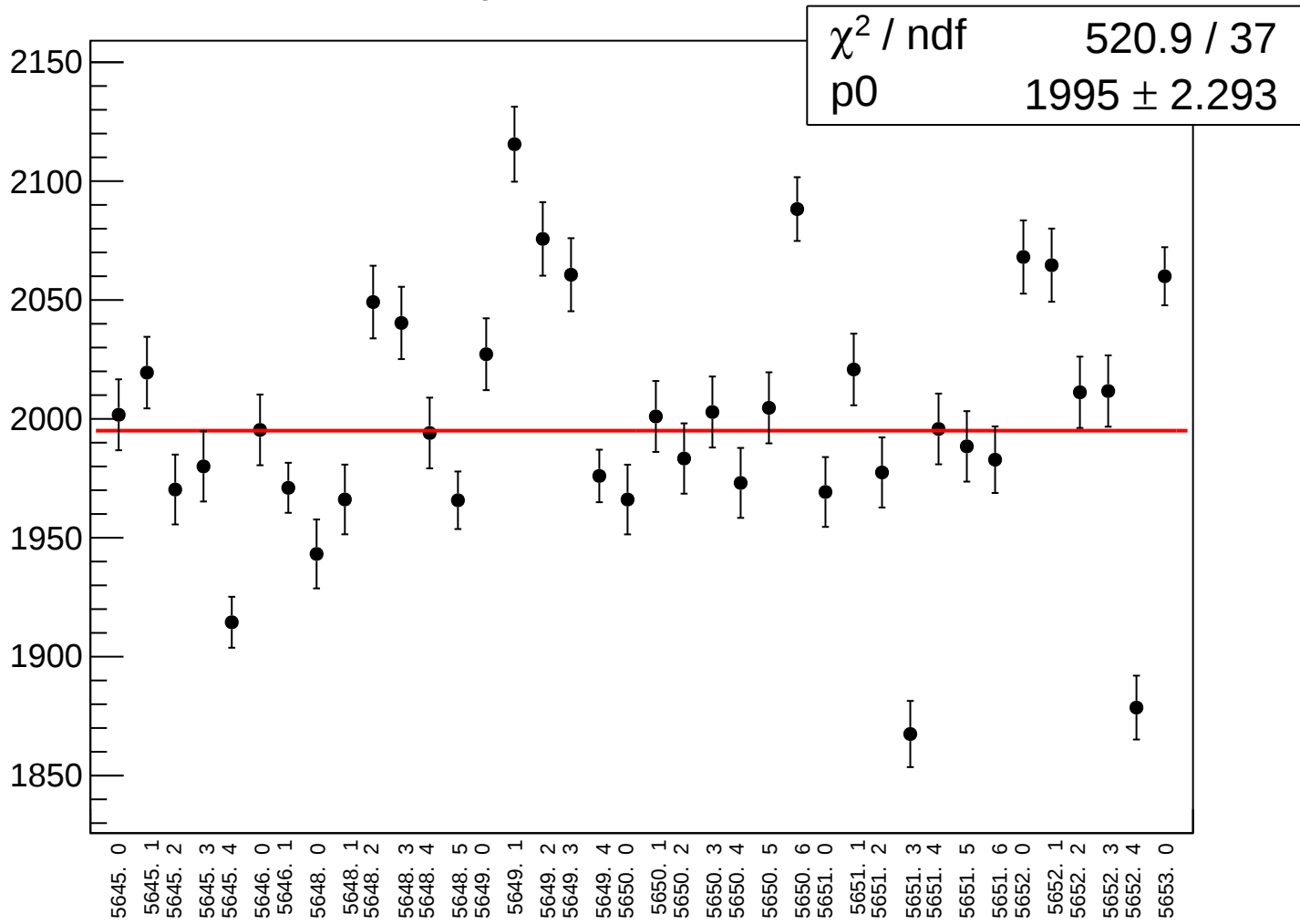
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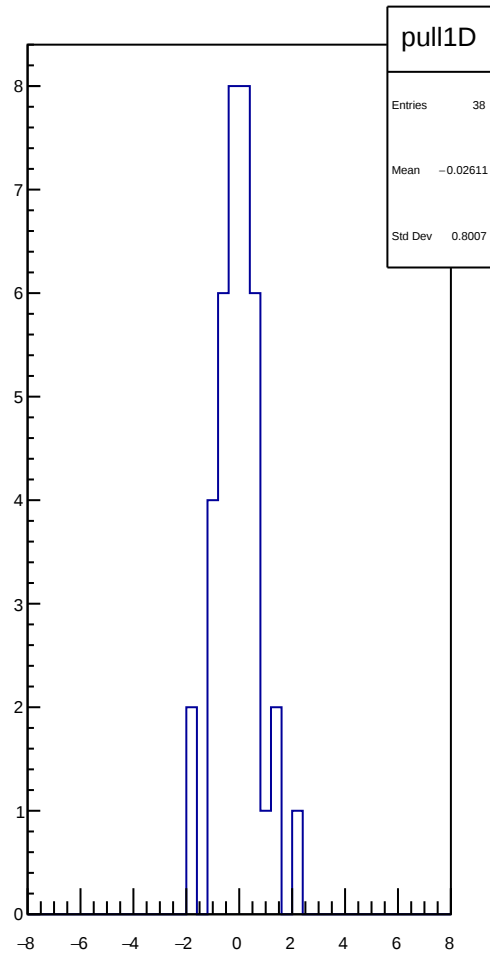
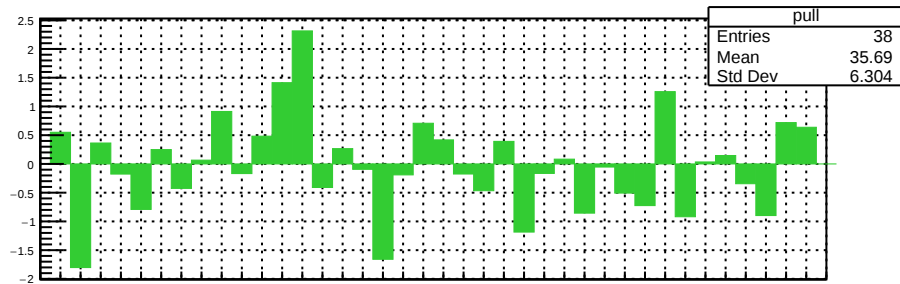
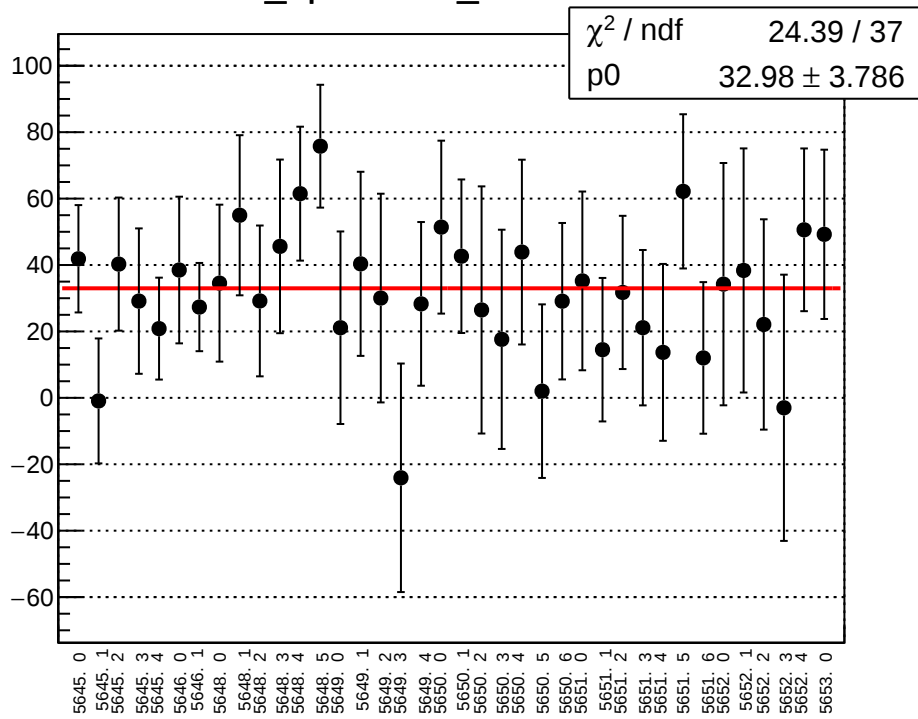
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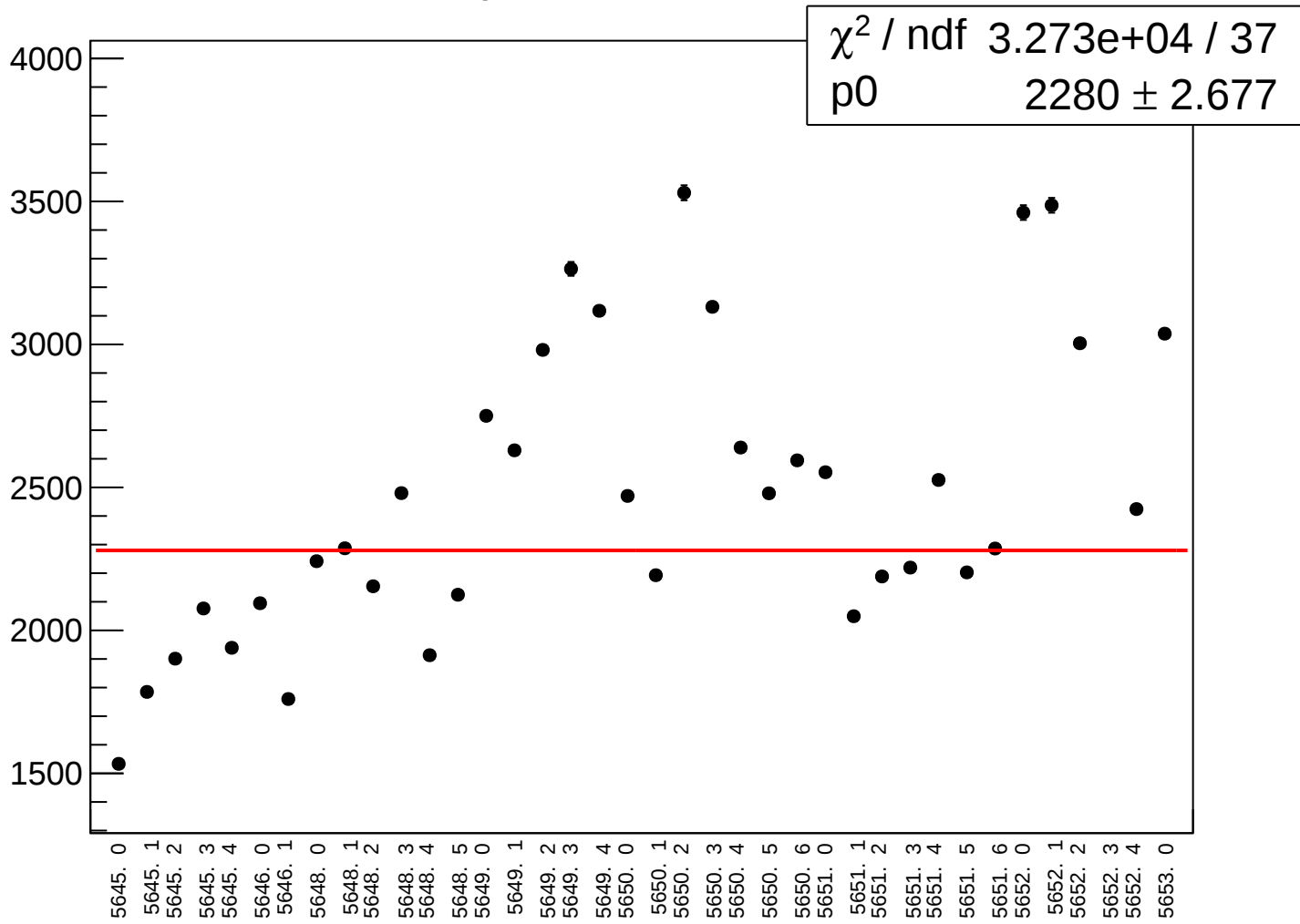
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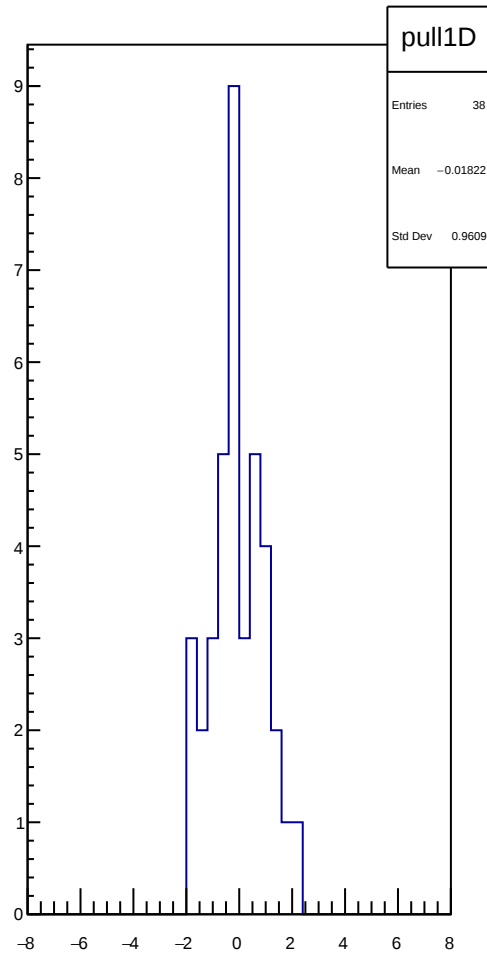
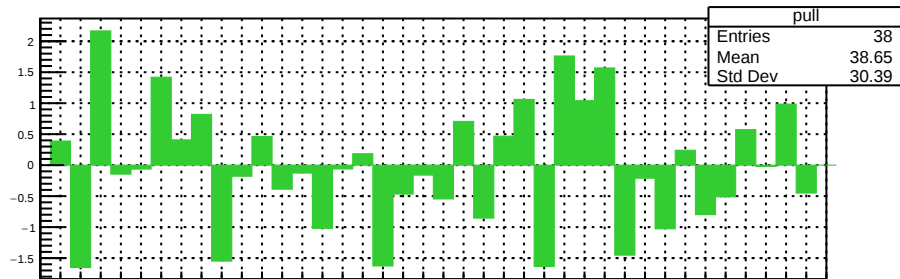
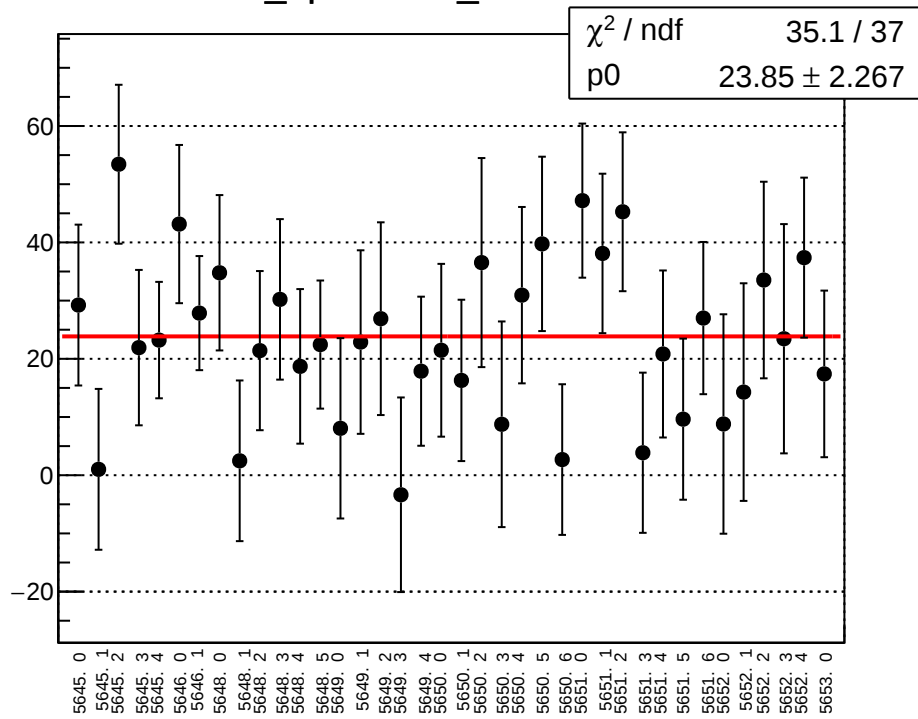
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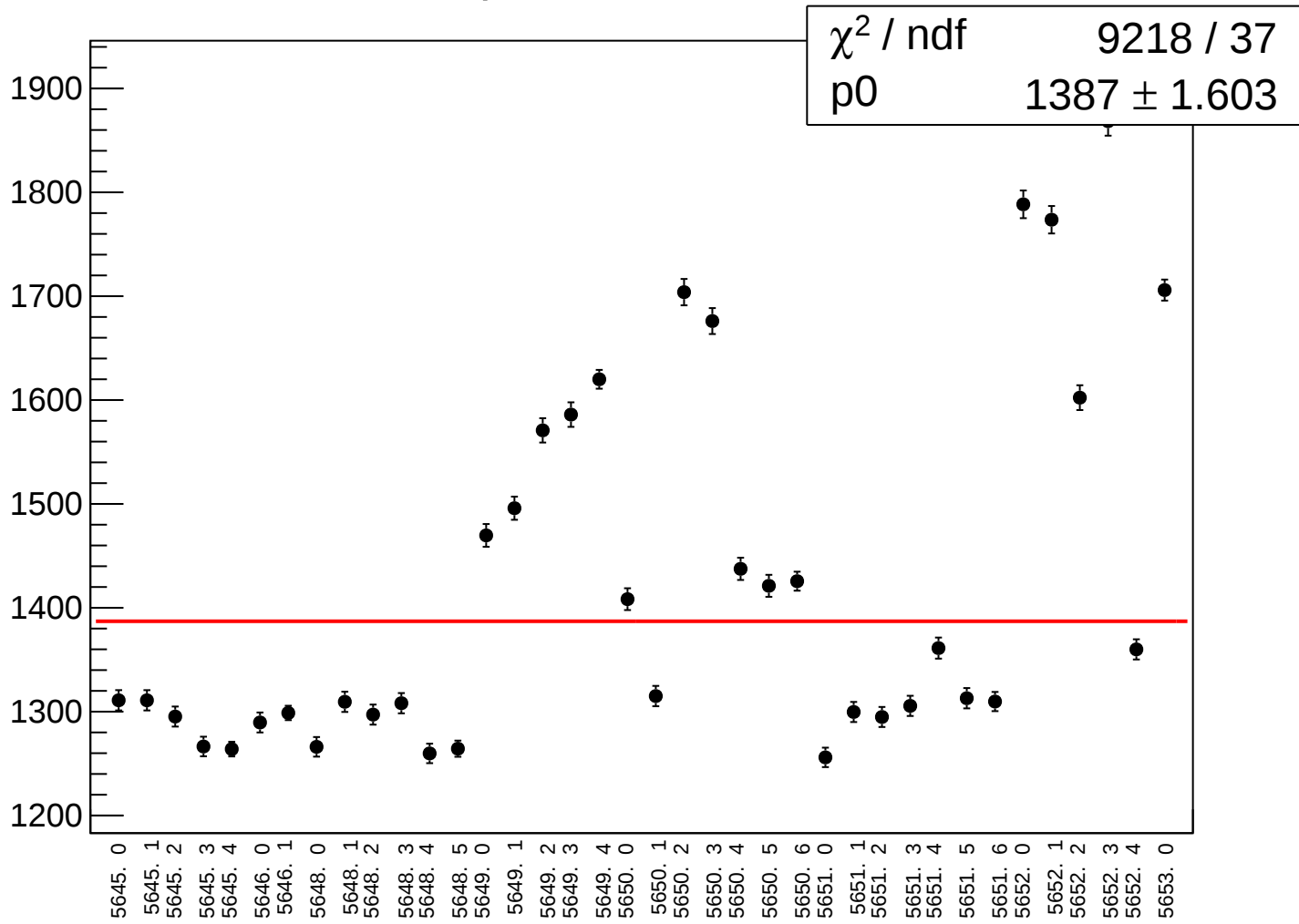
diff_bpm0i07X_rms vs run



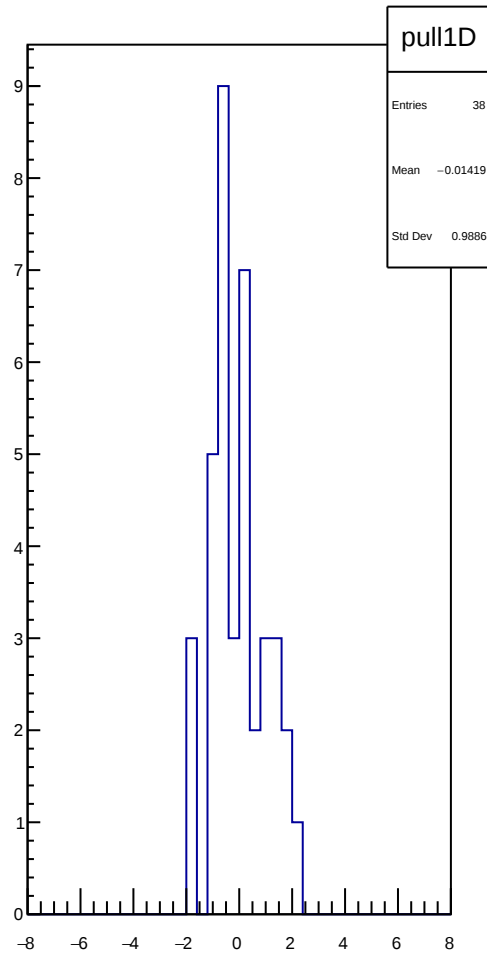
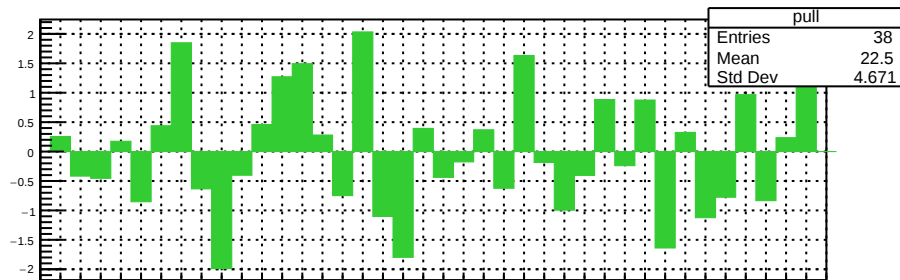
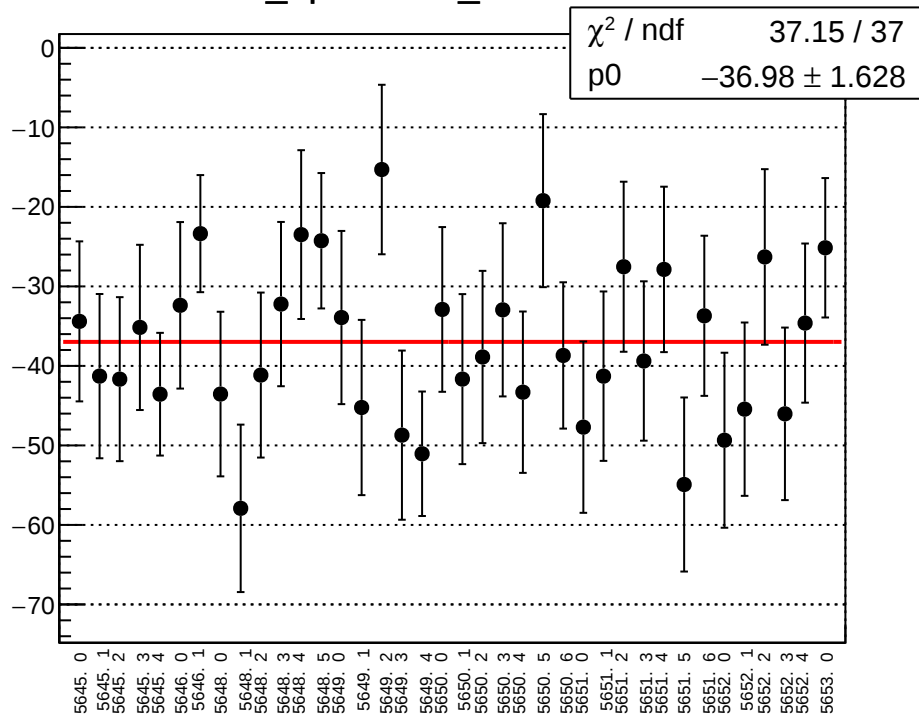
diff_bpm0i07Y_mean vs run



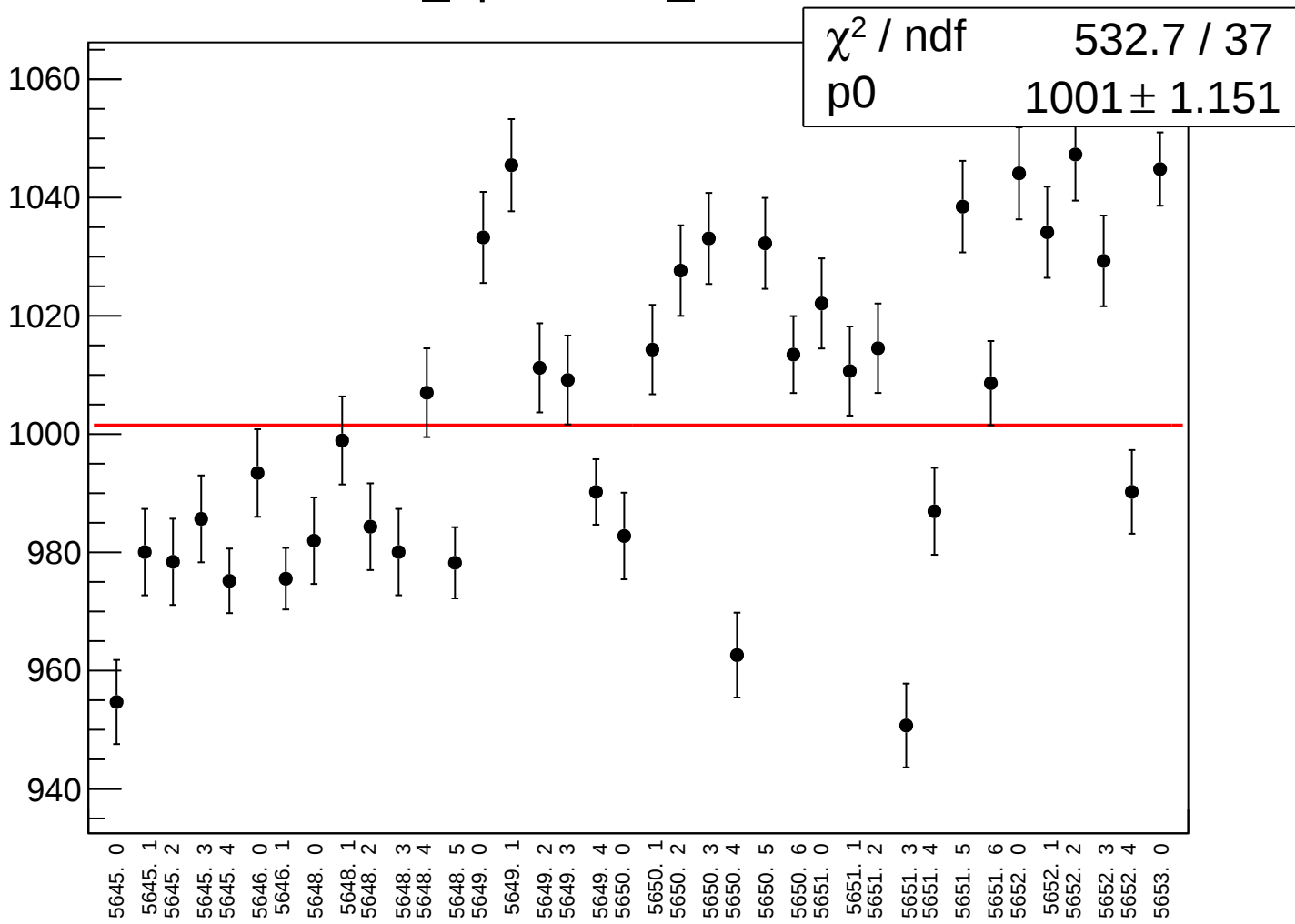
diff_bpm0i07Y_rms vs run



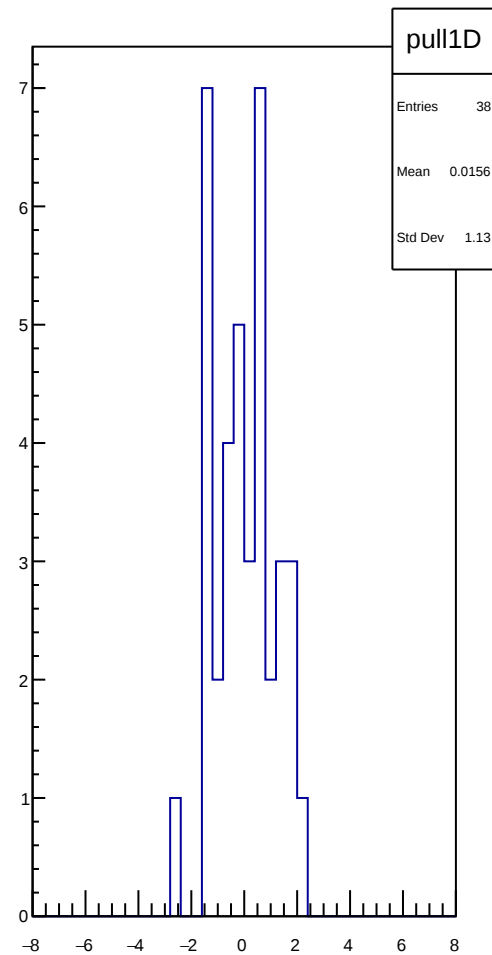
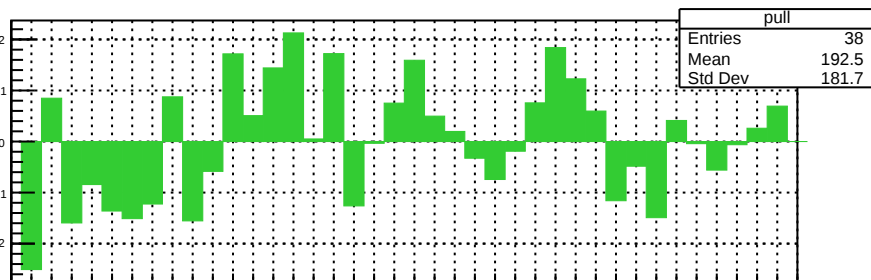
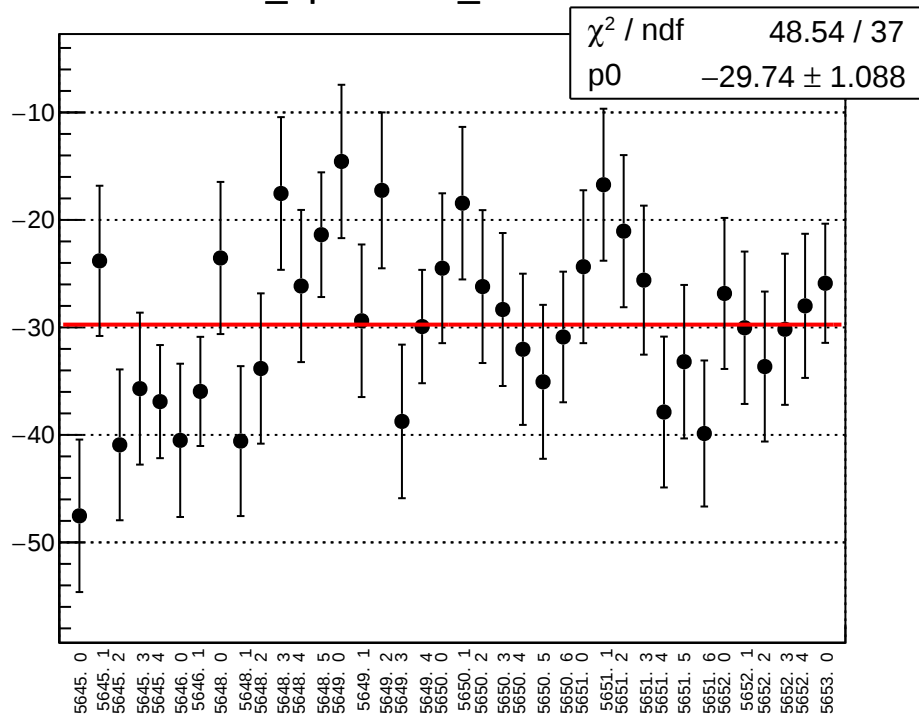
diff_bpm1i02X_mean vs run



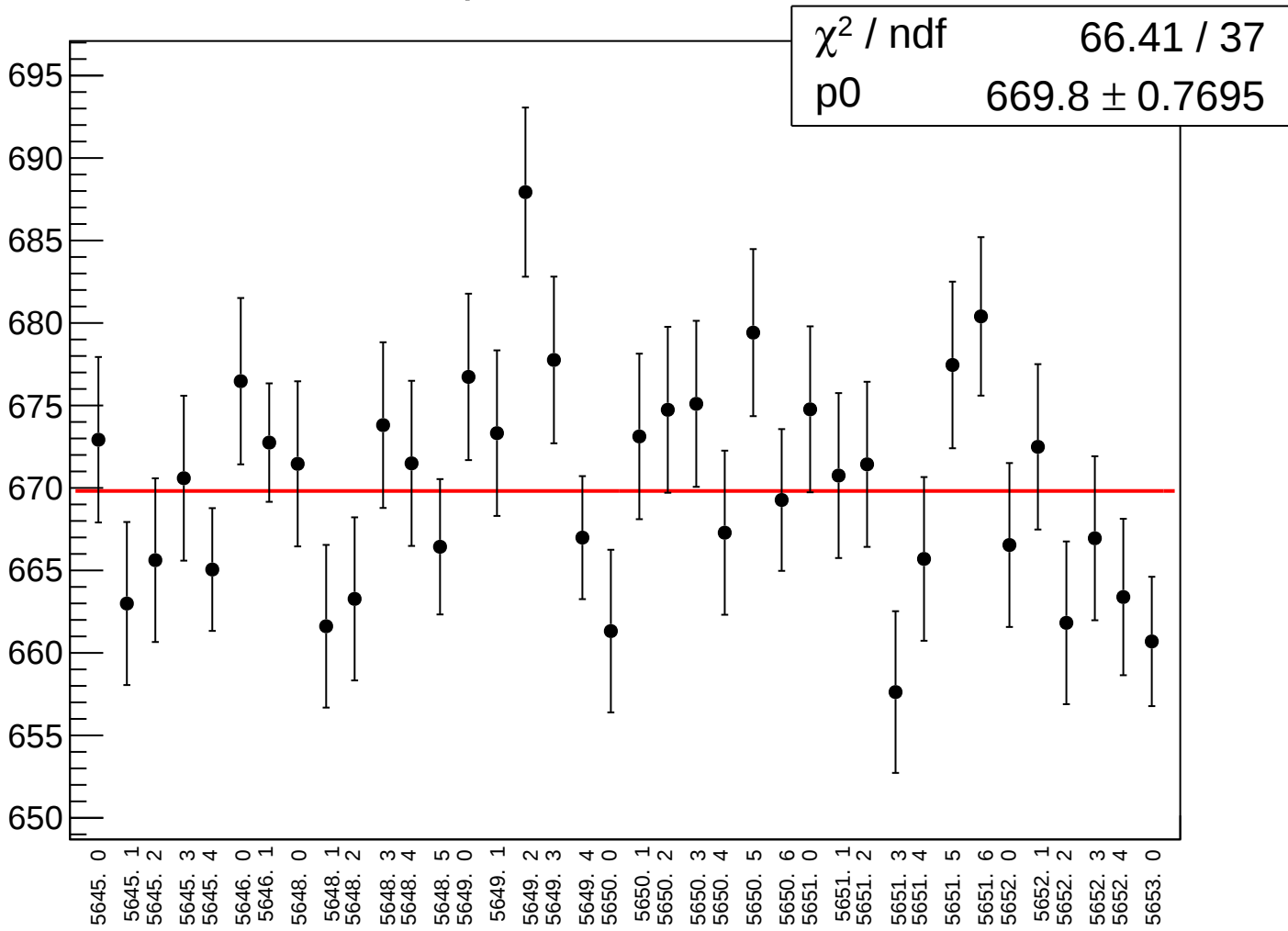
diff_bpm1i02X_rms vs run



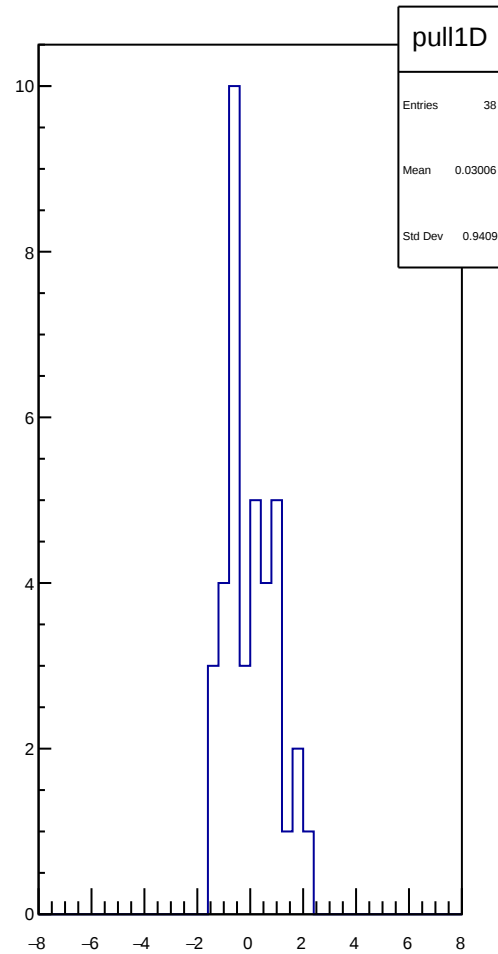
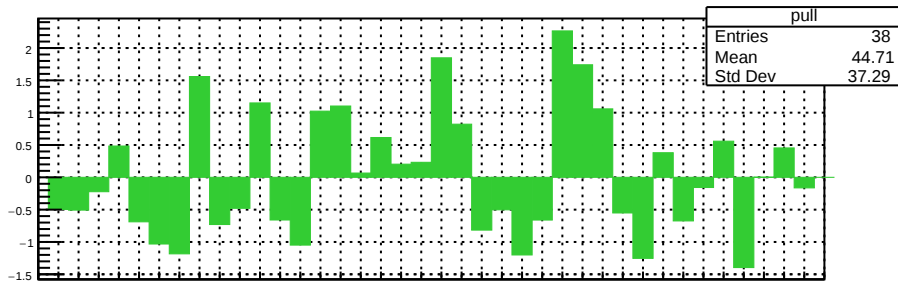
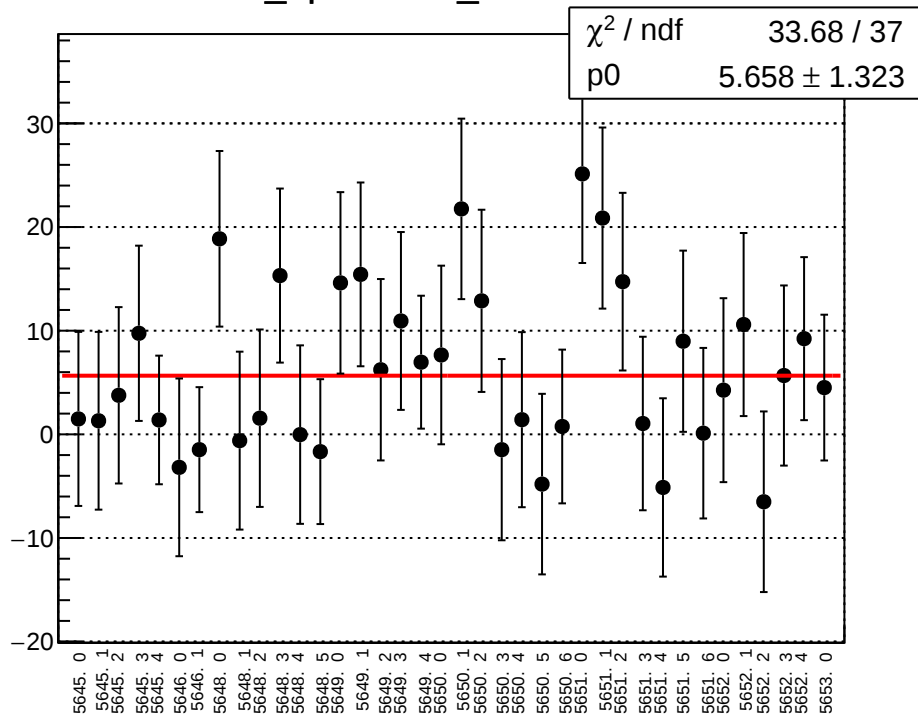
diff_bpm1i02Y_mean vs run



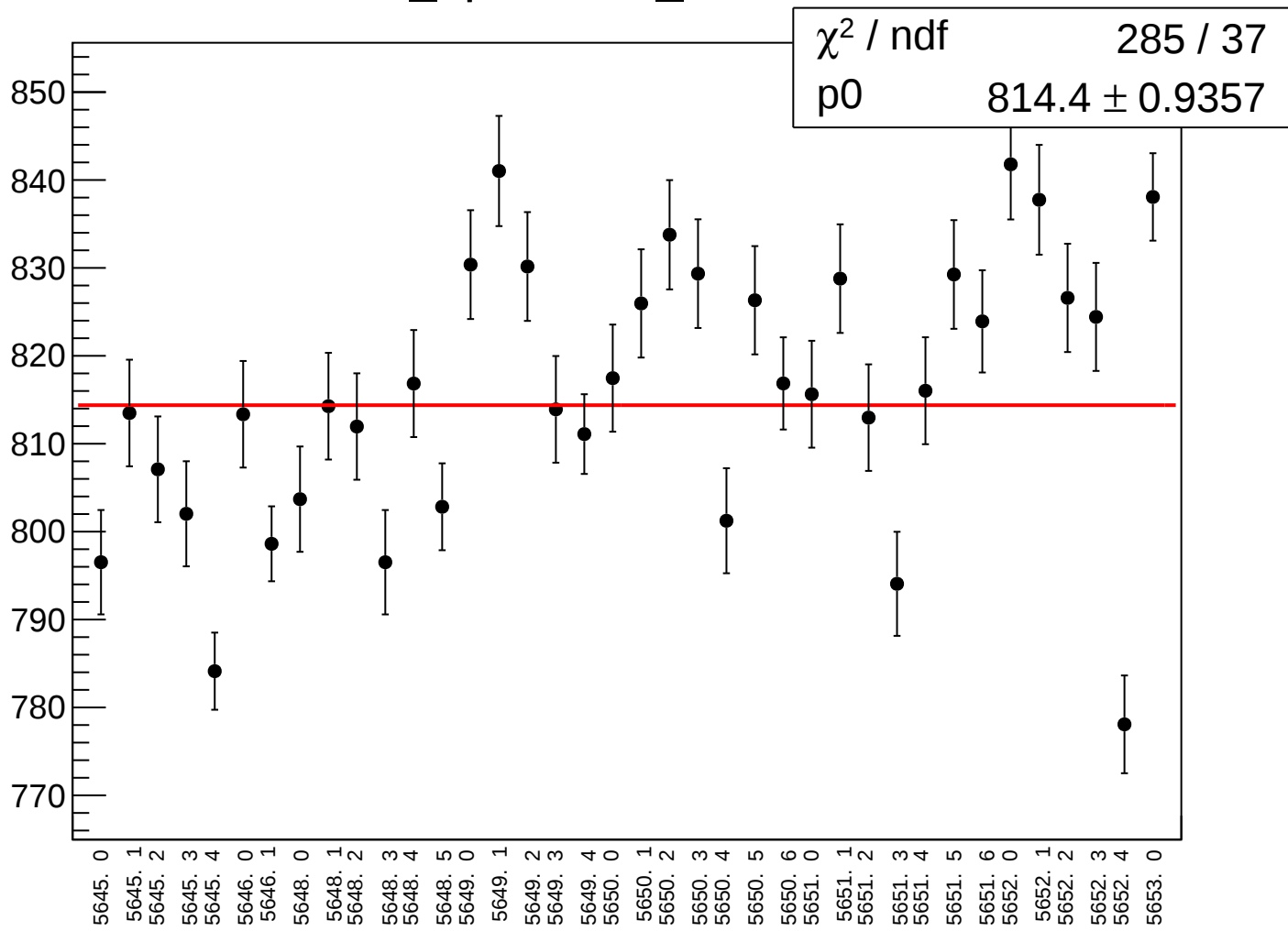
diff_bpm1i02Y_rms vs run



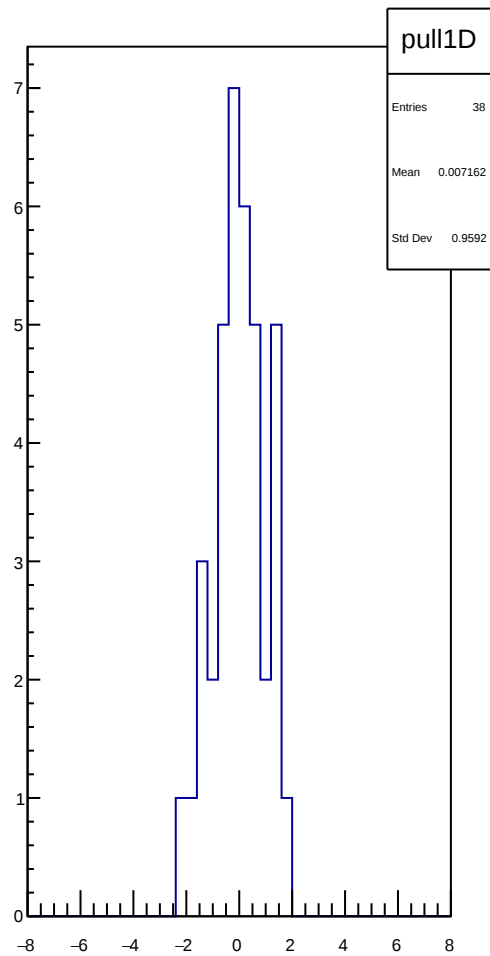
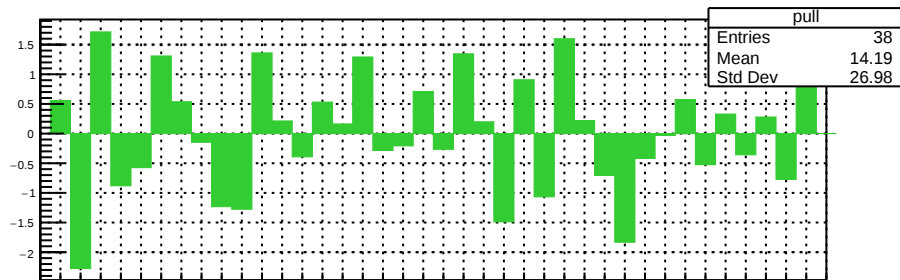
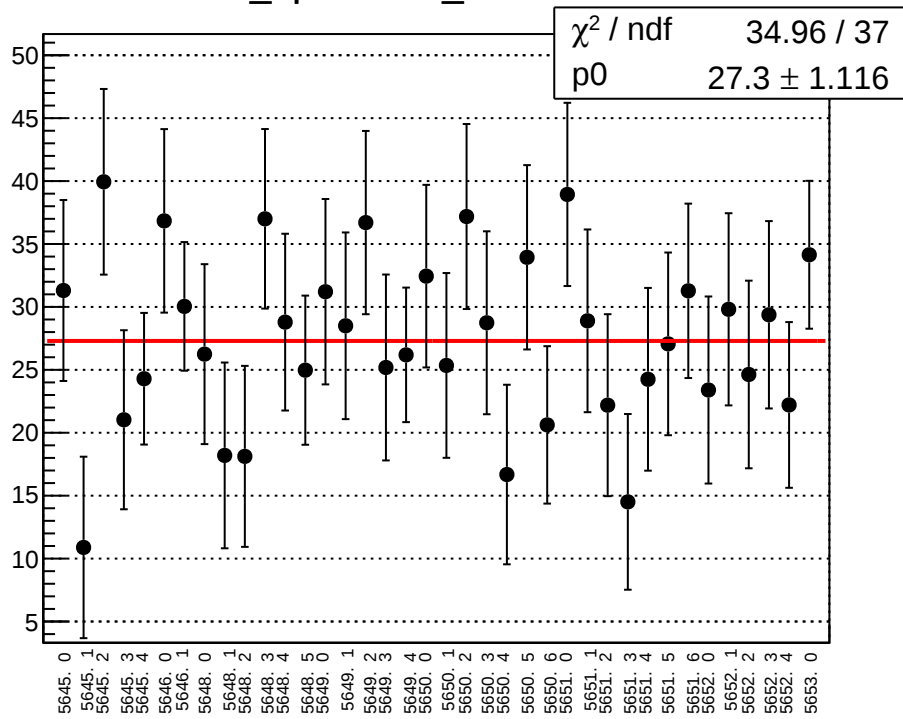
diff_bpm1i04X_mean vs run



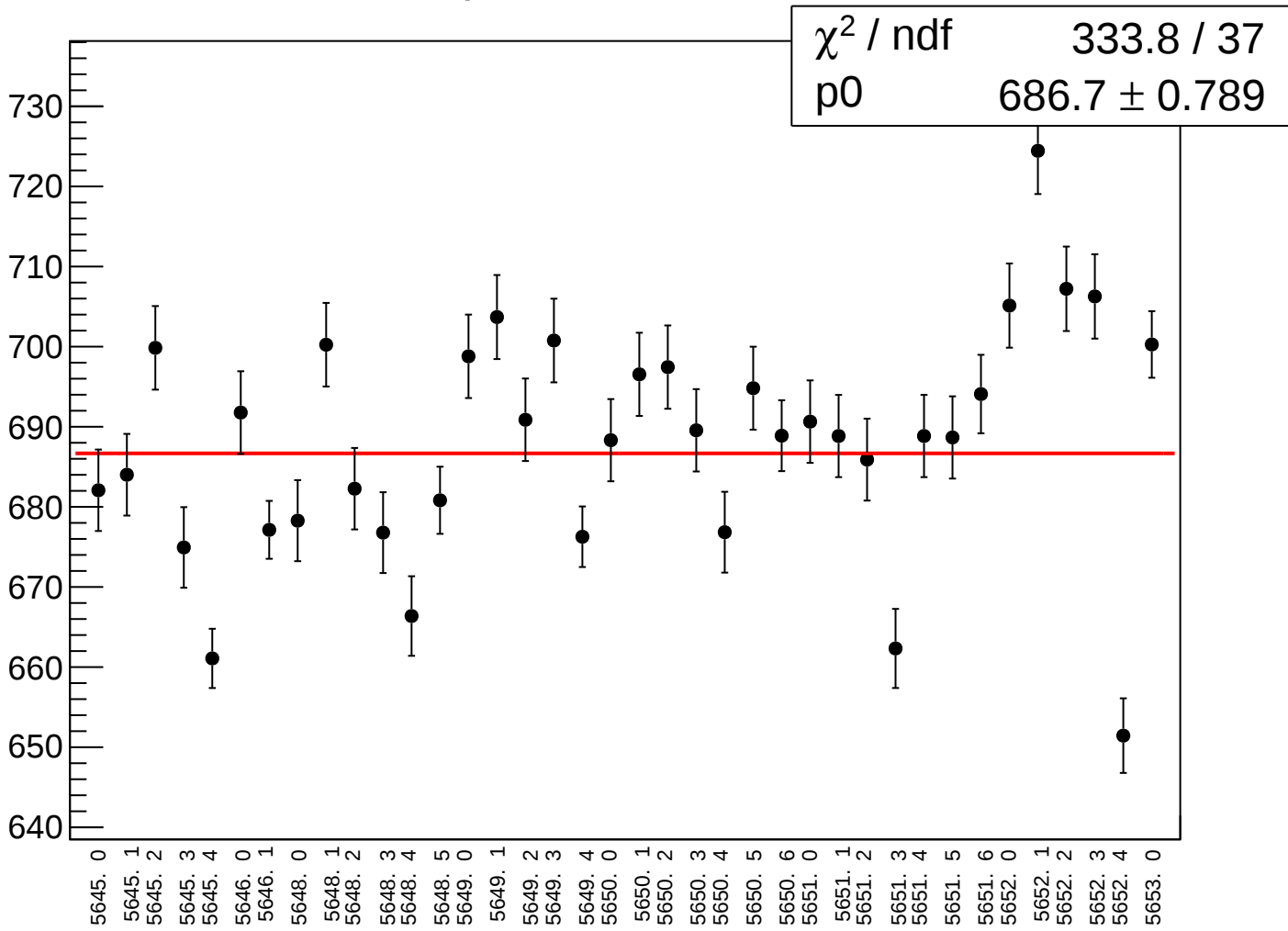
diff_bpm1i04X_rms vs run



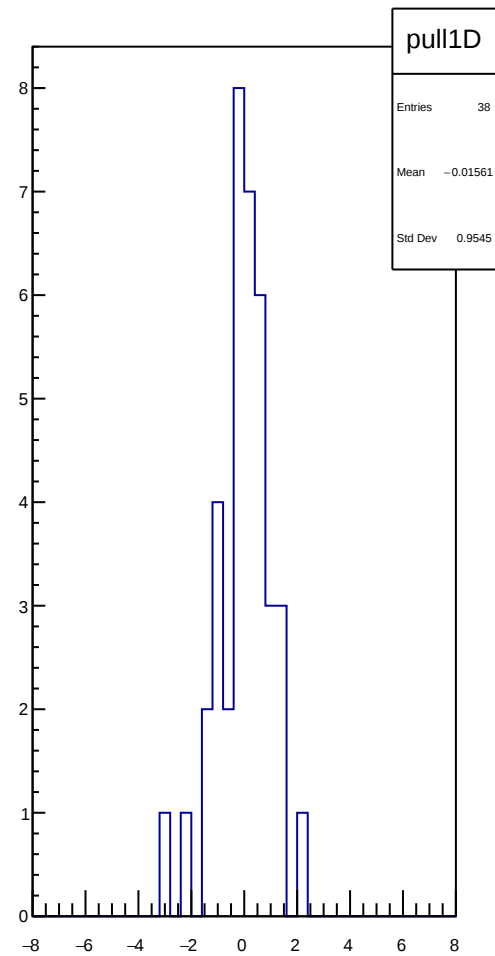
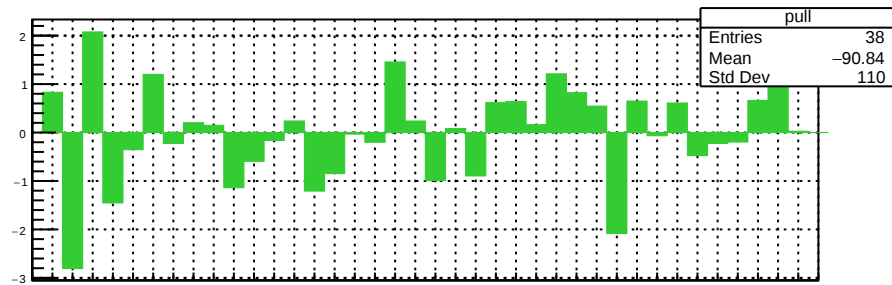
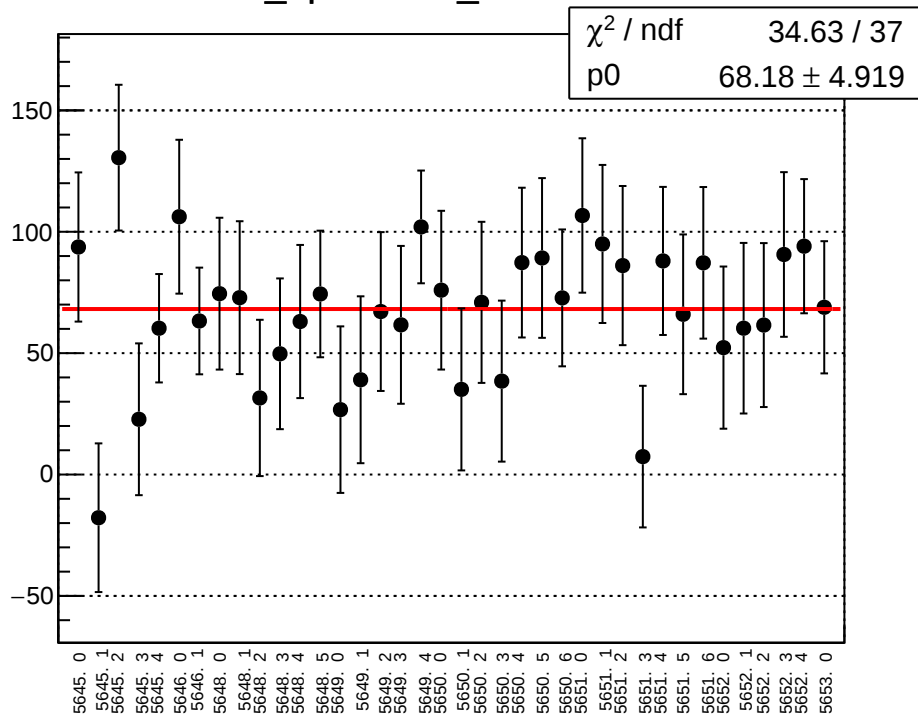
diff_bpm1i04Y_mean vs run



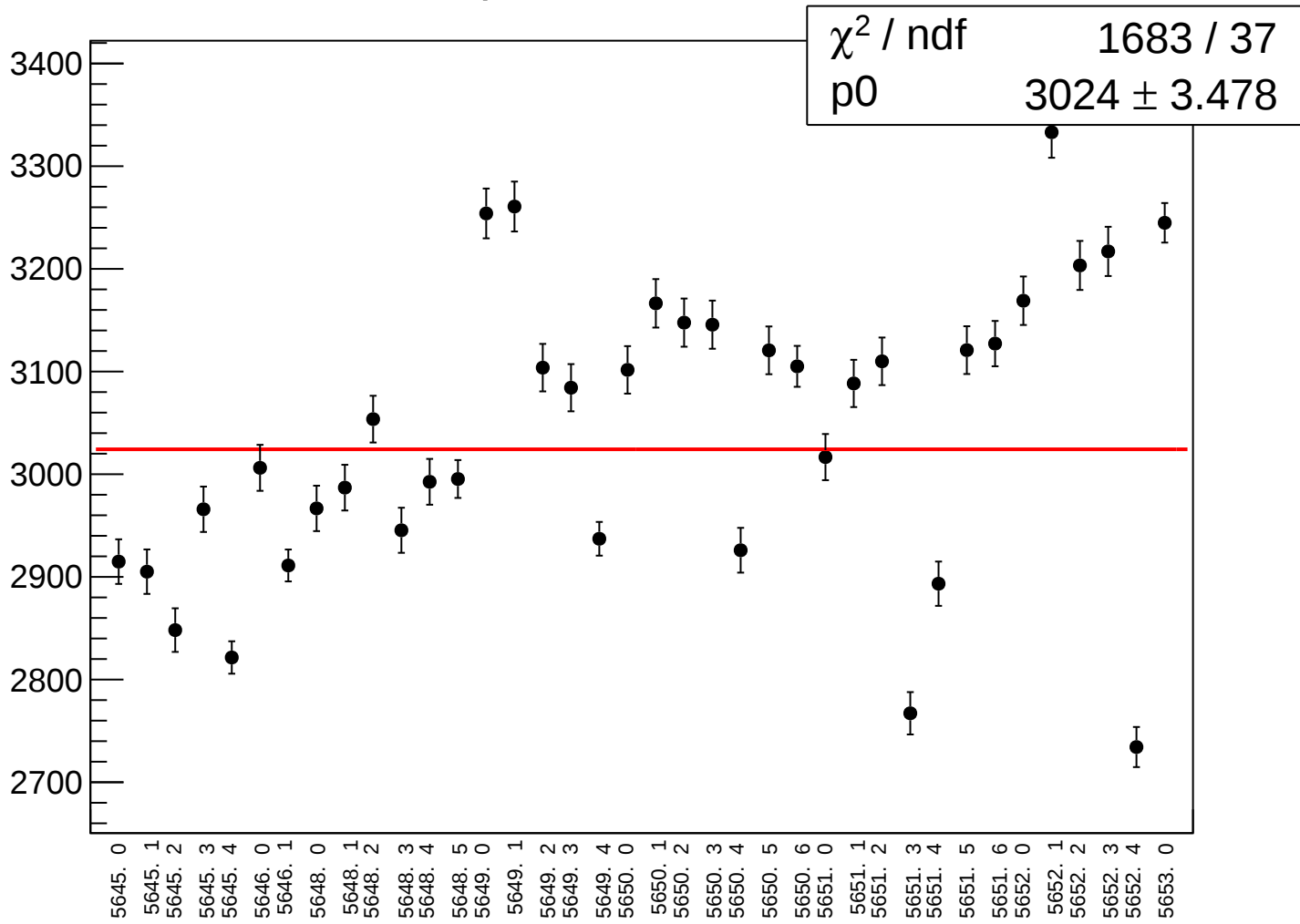
diff_bpm1i04Y_rms vs run



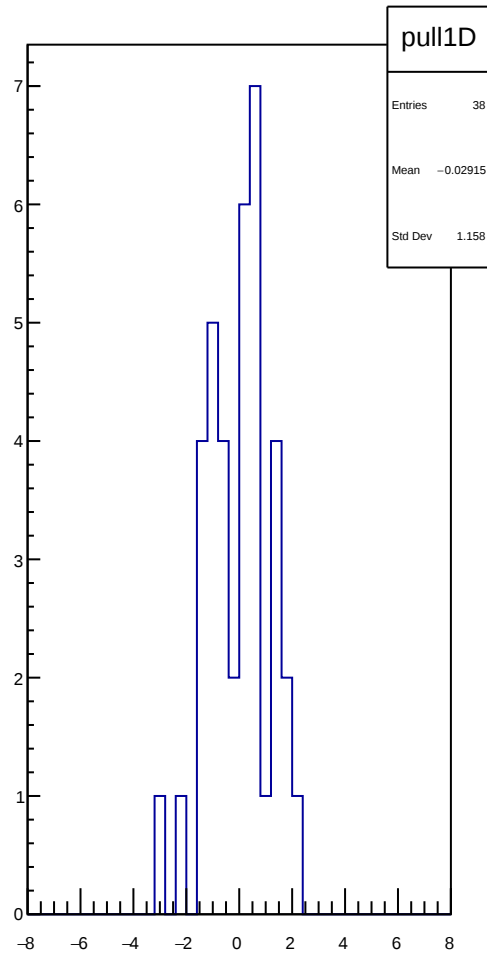
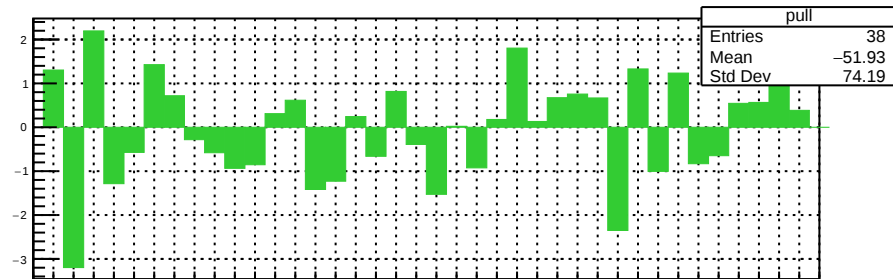
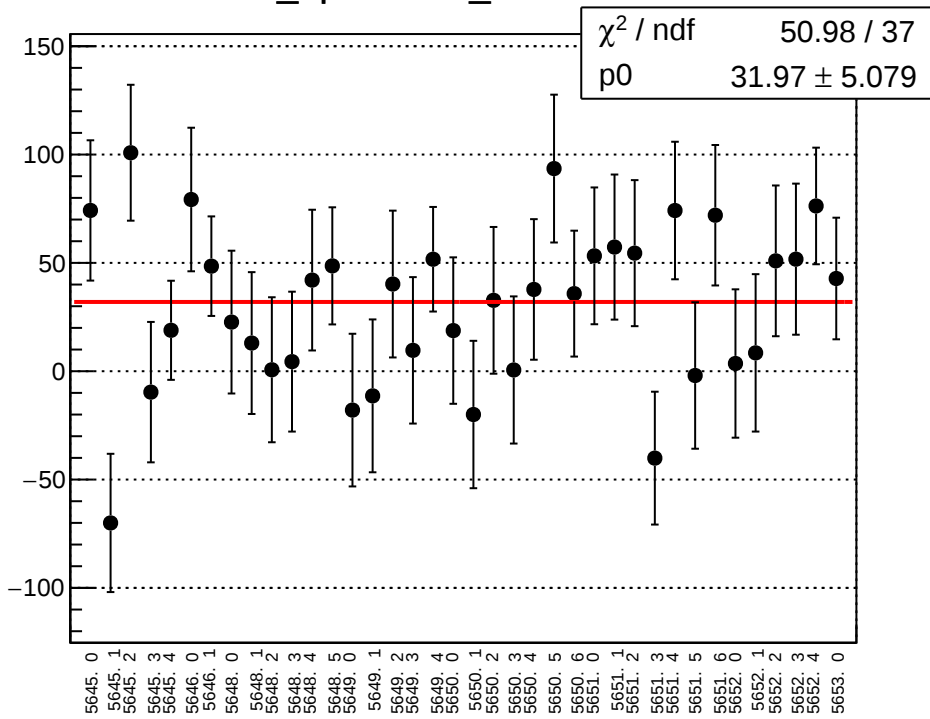
diff_bpm1i06X_mean vs run



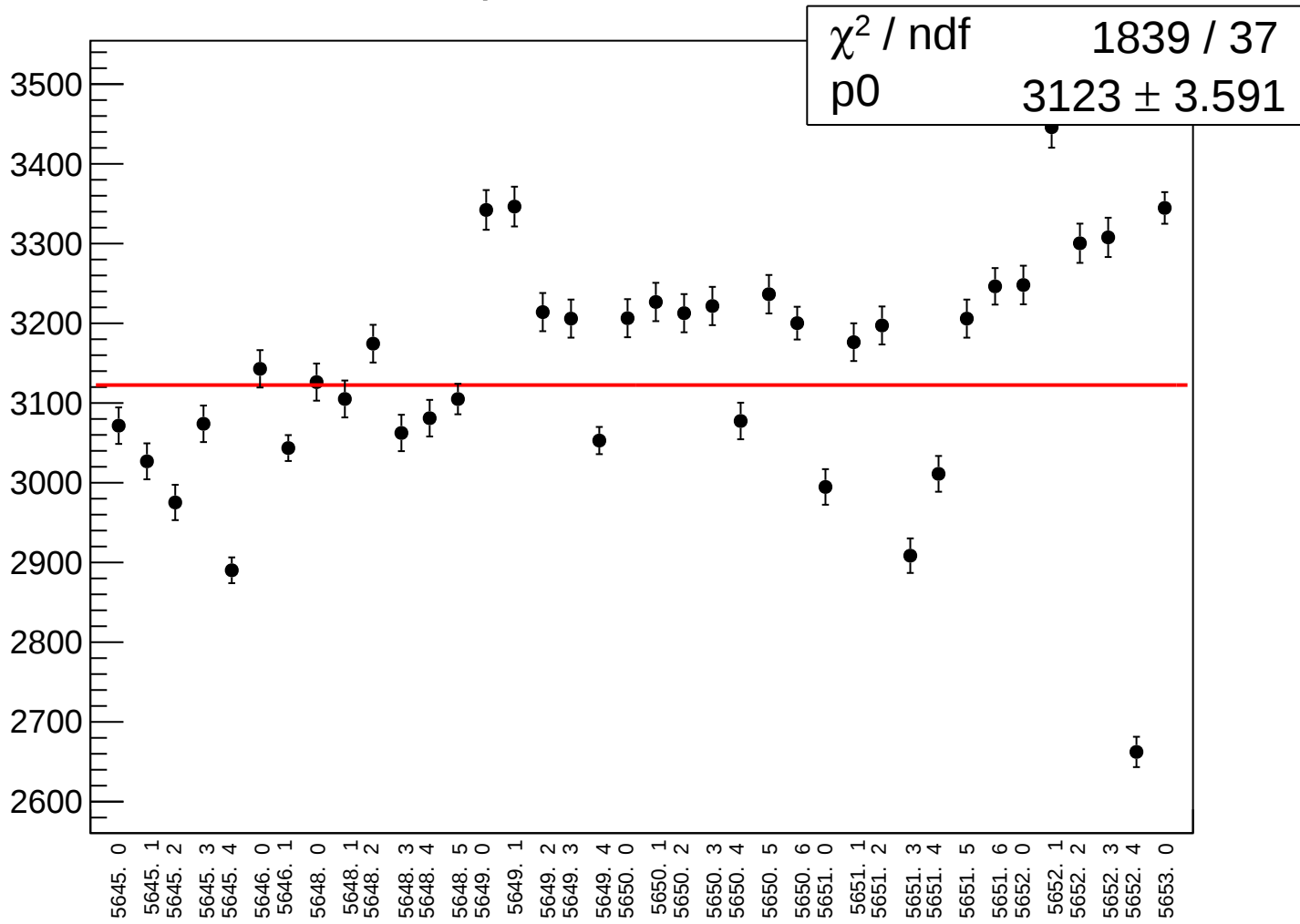
diff_bpm1i06X_rms vs run



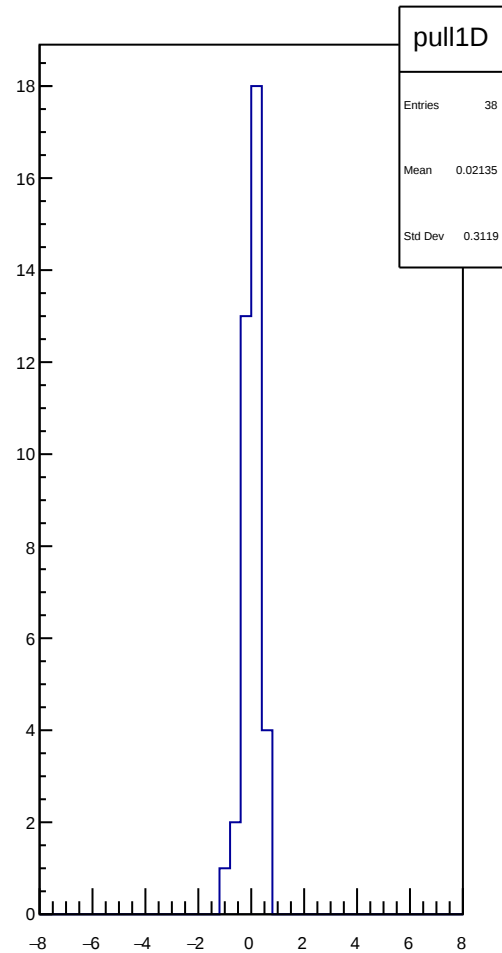
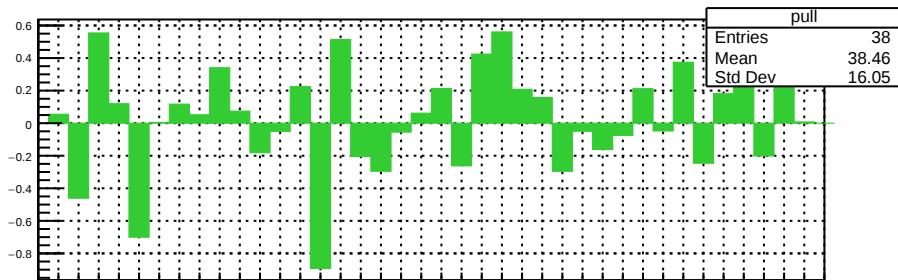
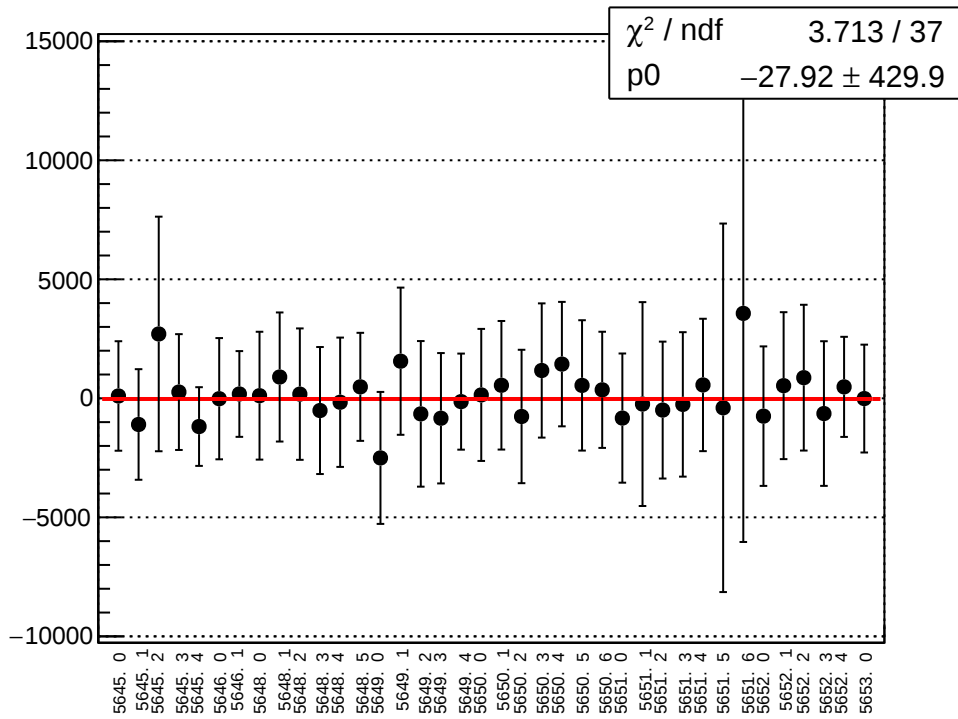
diff_bpm1i06Y_mean vs run



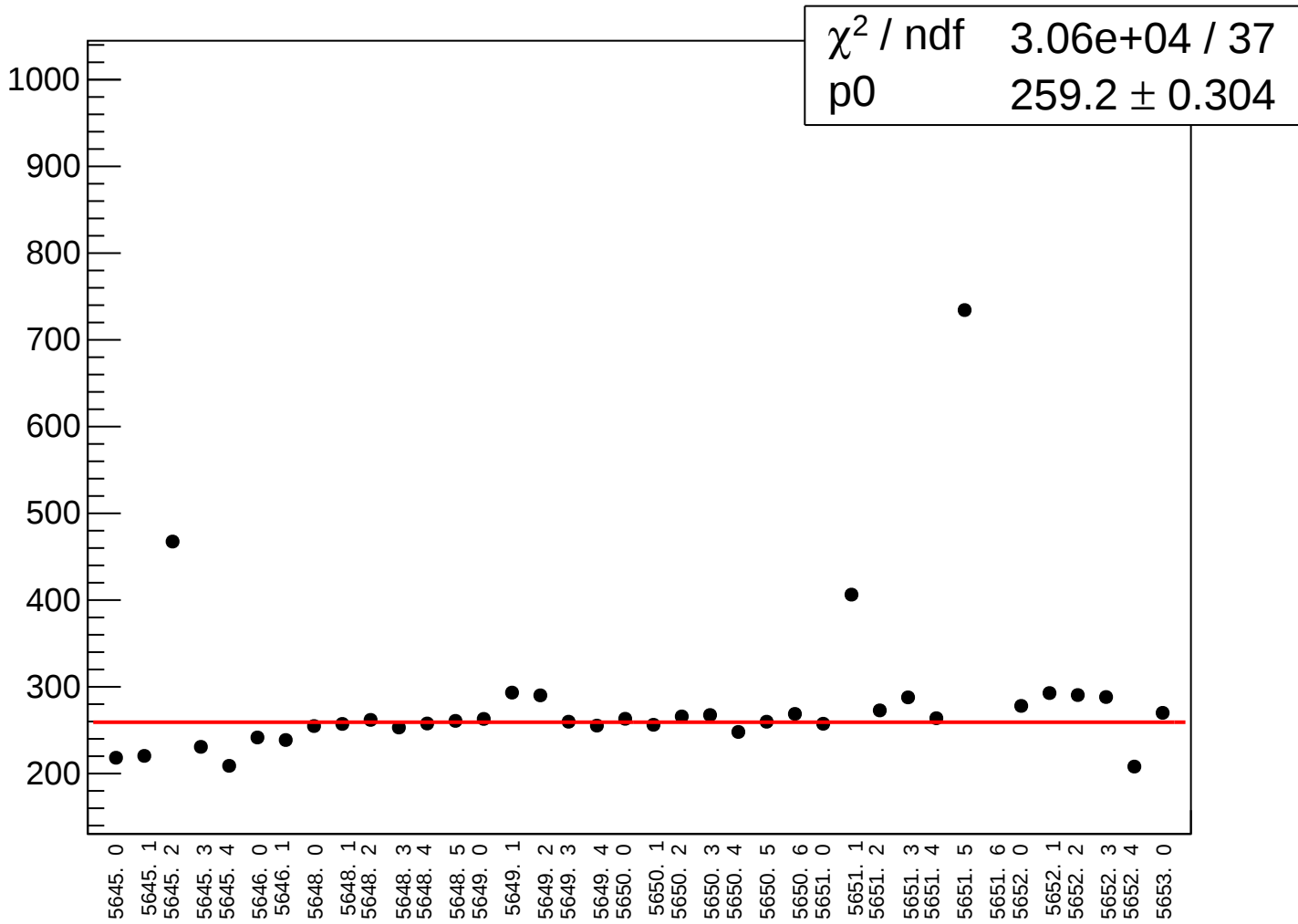
diff_bpm1i06Y_rms vs run



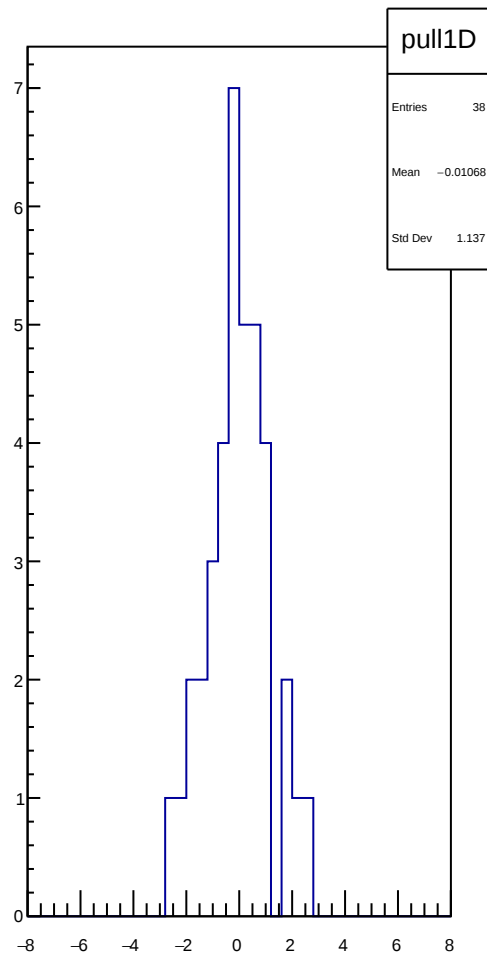
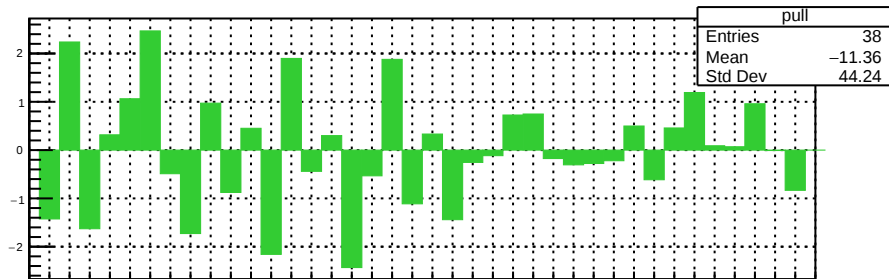
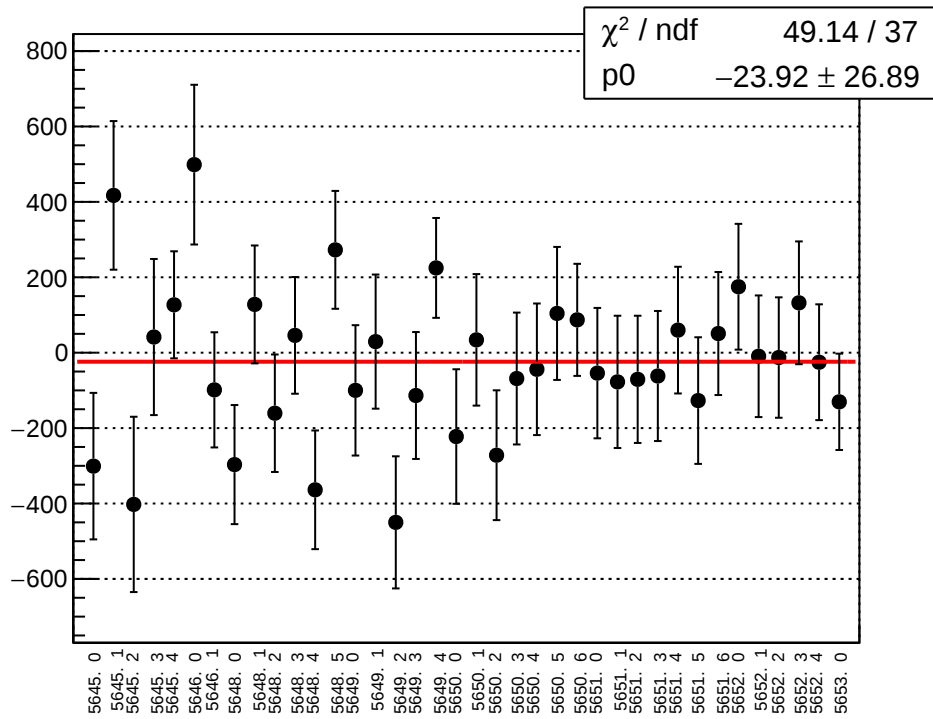
asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs run



asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs run



asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs run



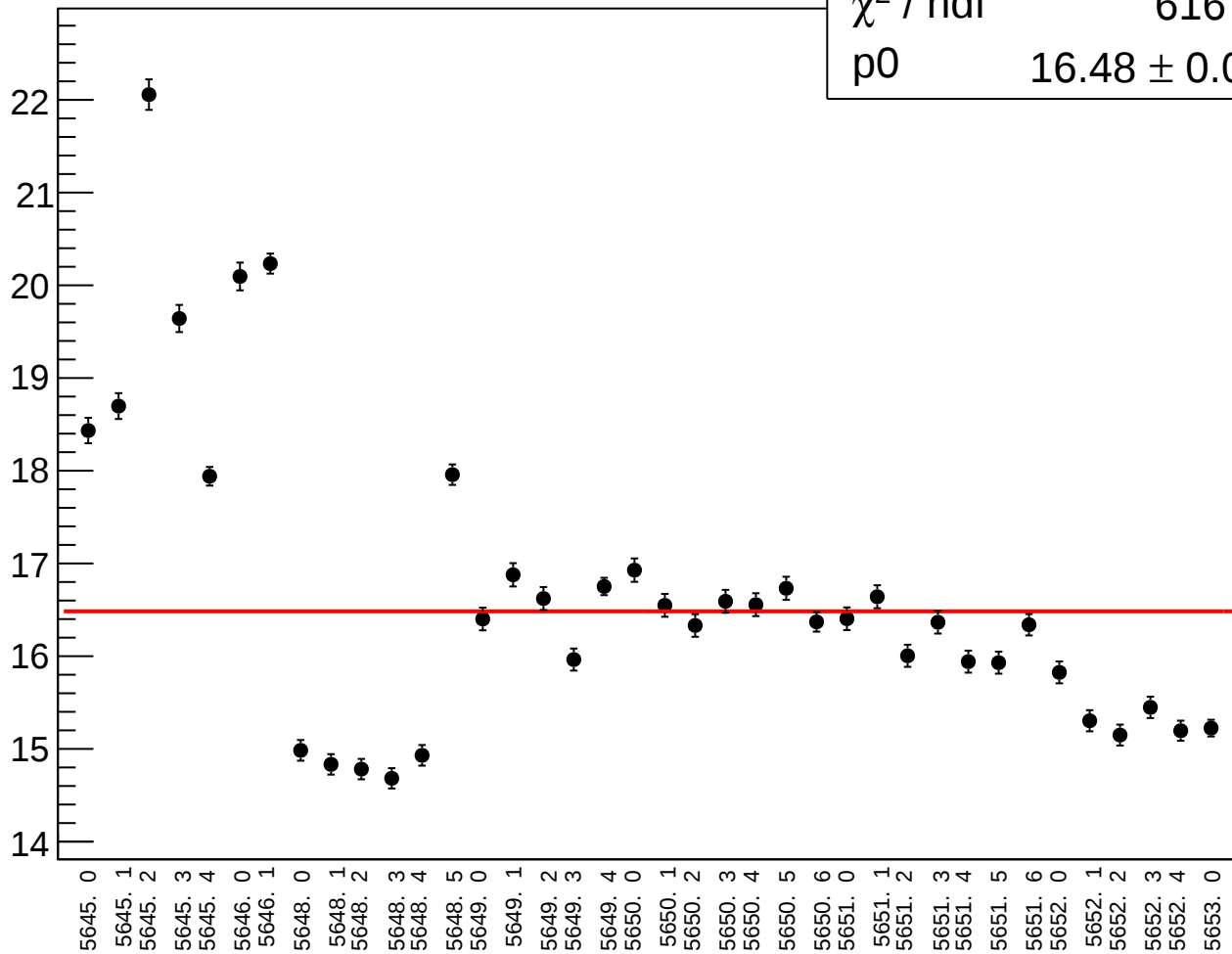
asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs run

χ^2 / ndf

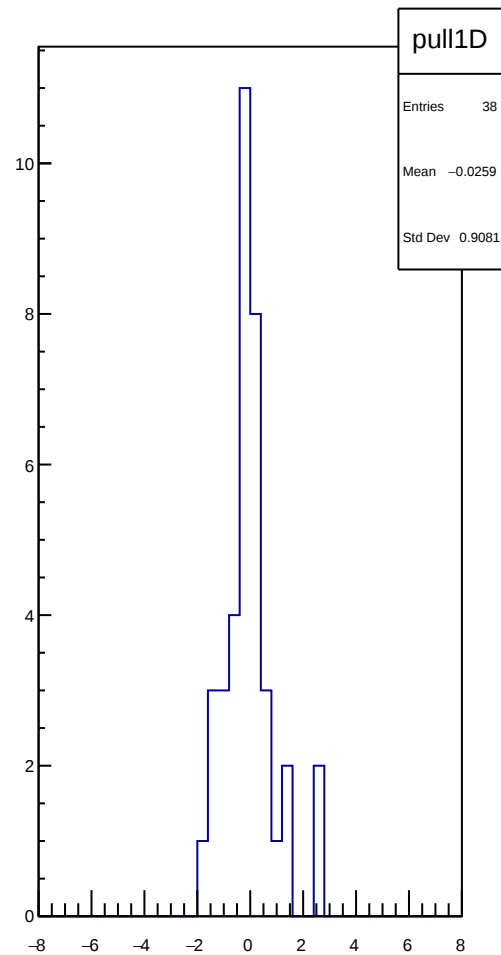
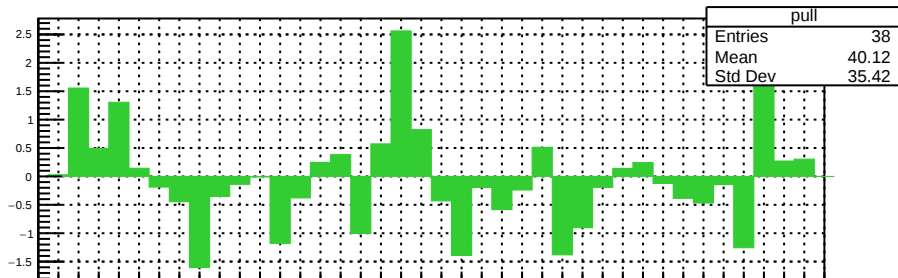
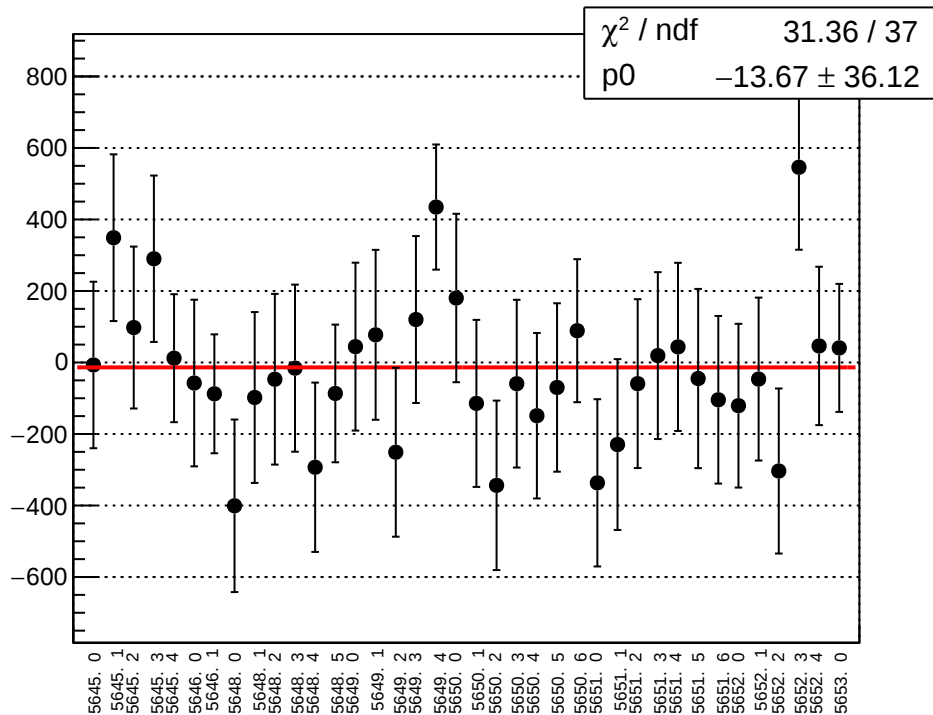
6167 / 37

p0

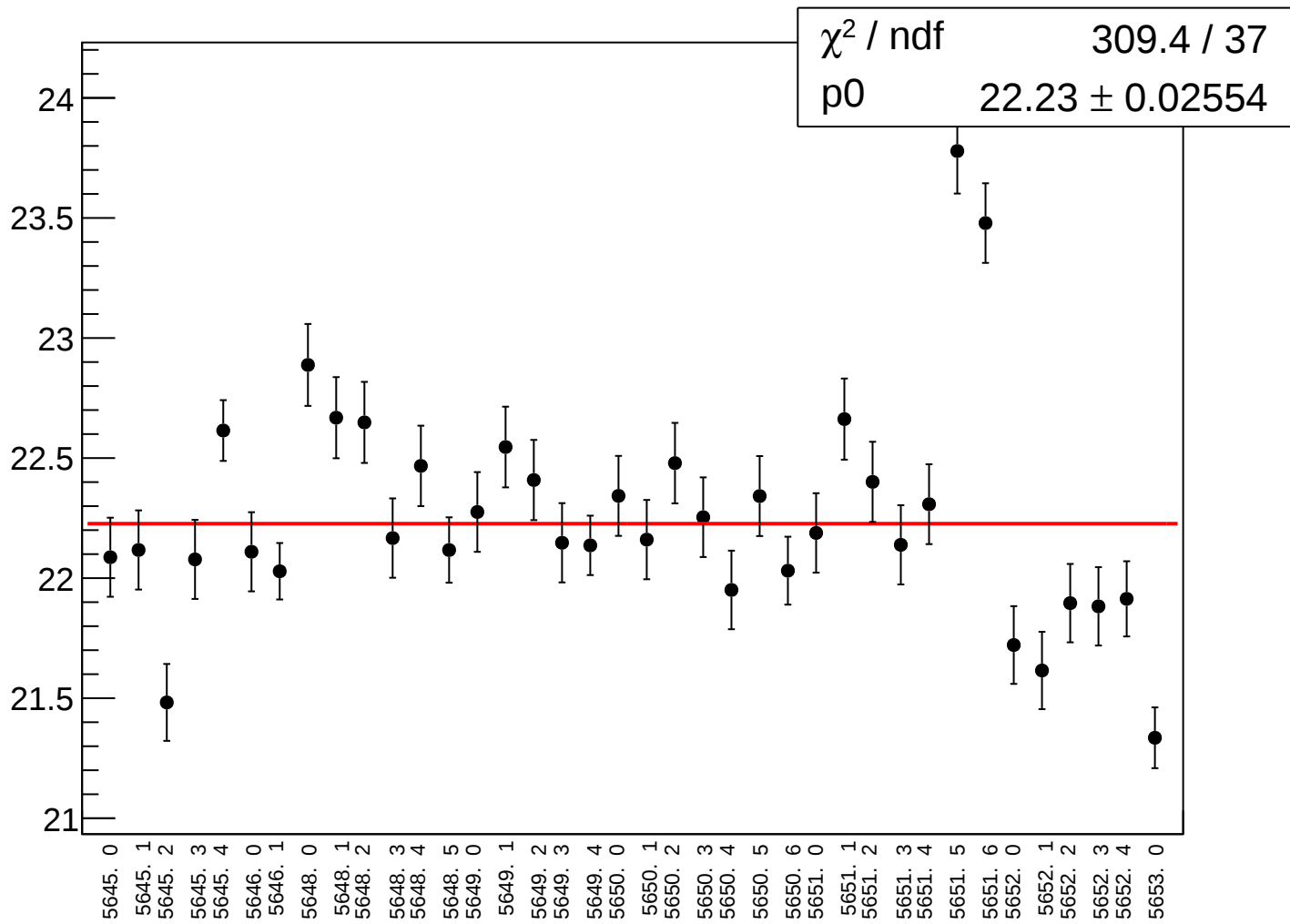
16.48 ± 0.01901



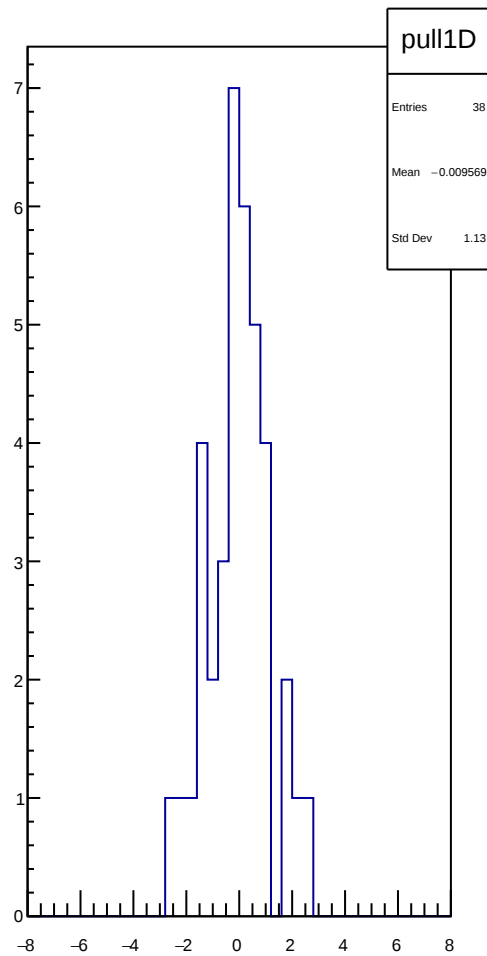
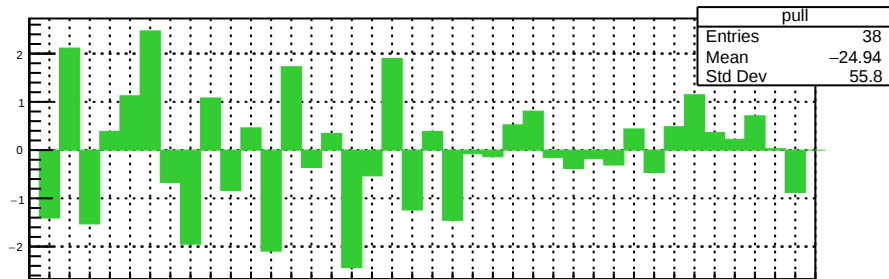
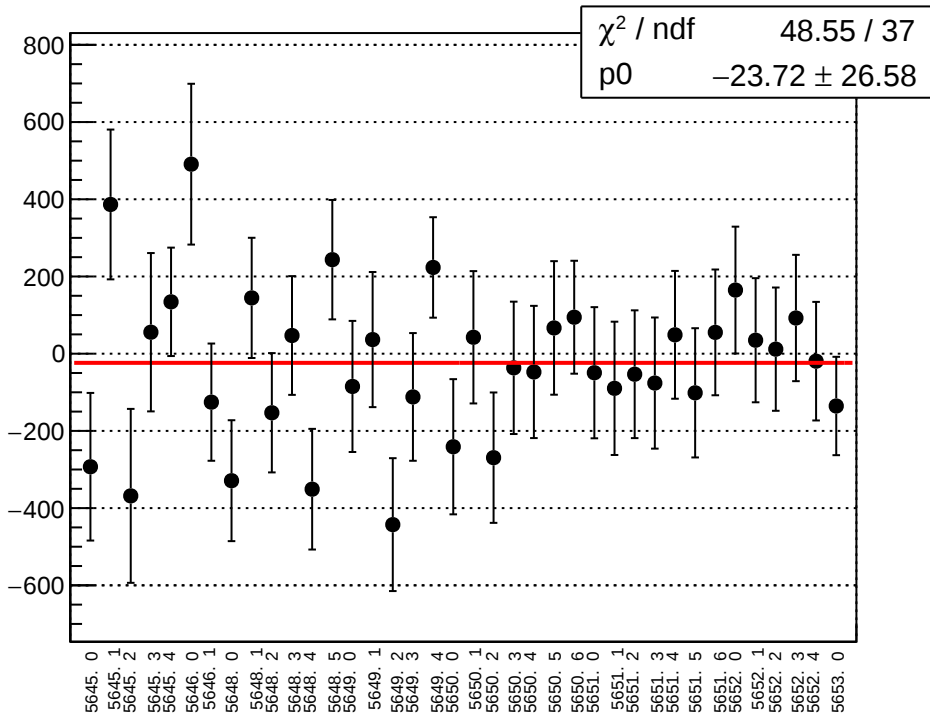
asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs run



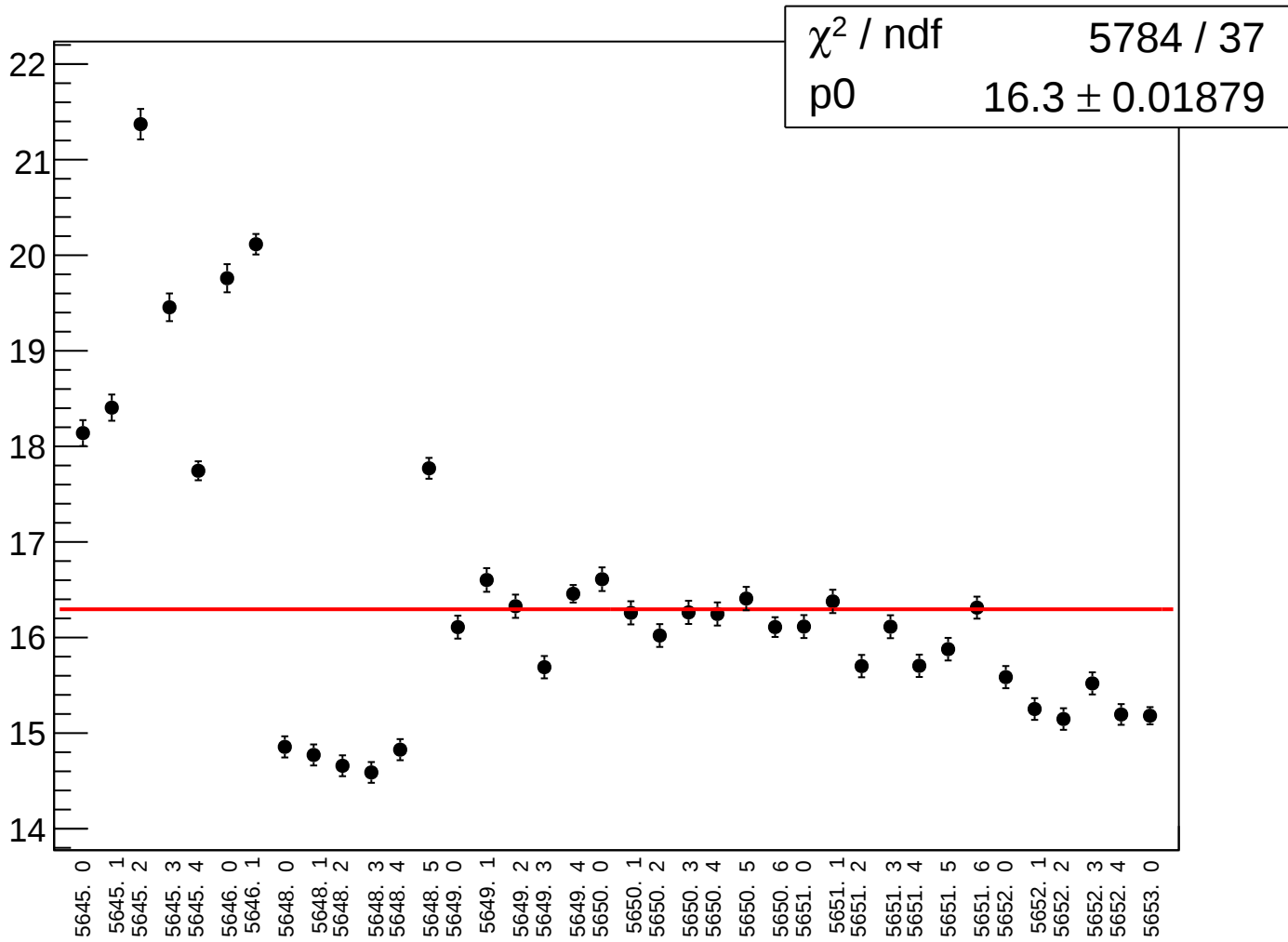
asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs run



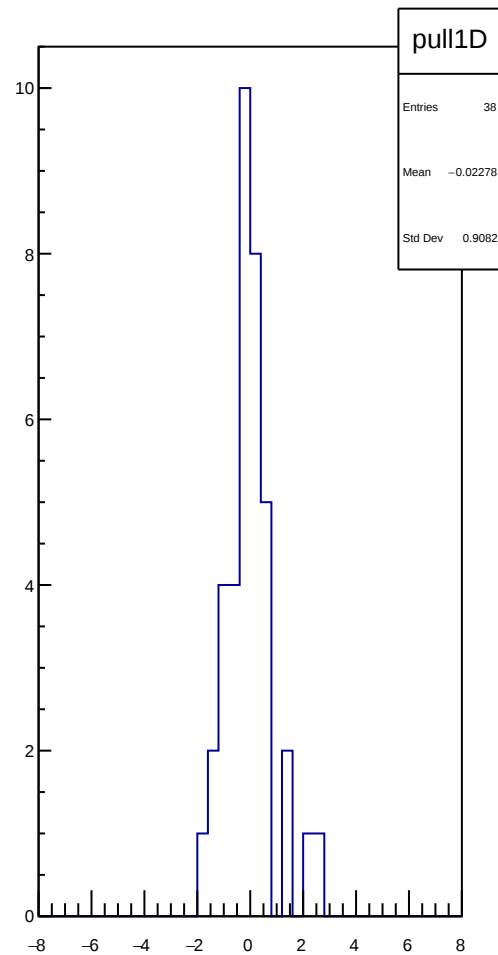
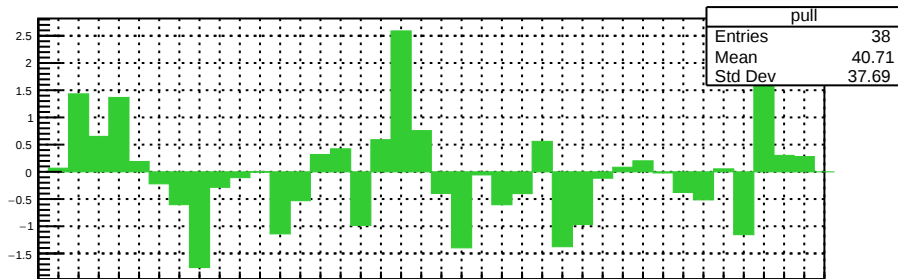
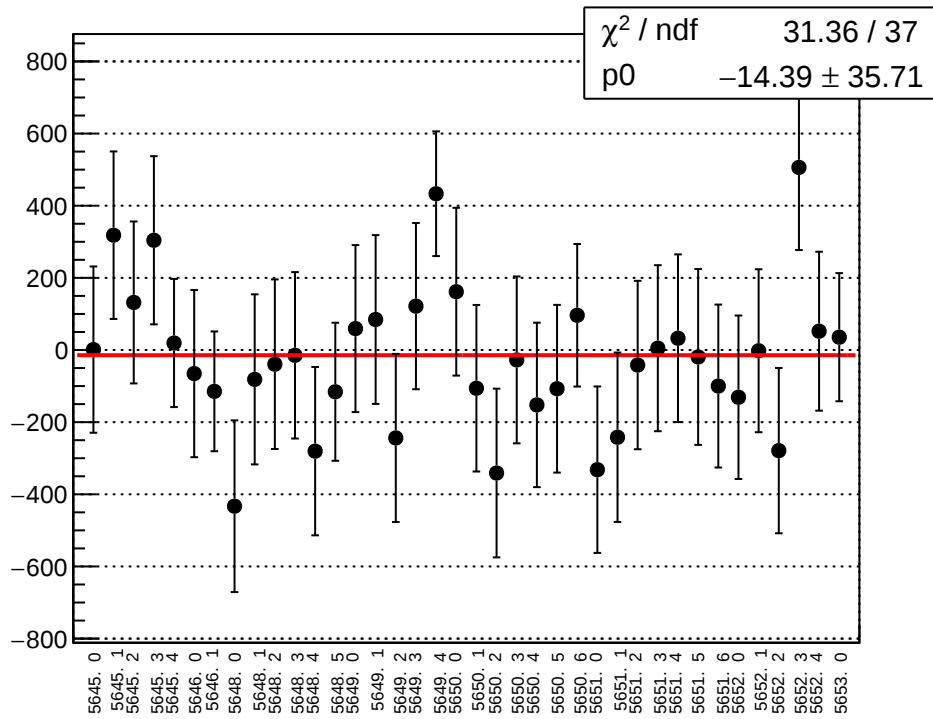
asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs run



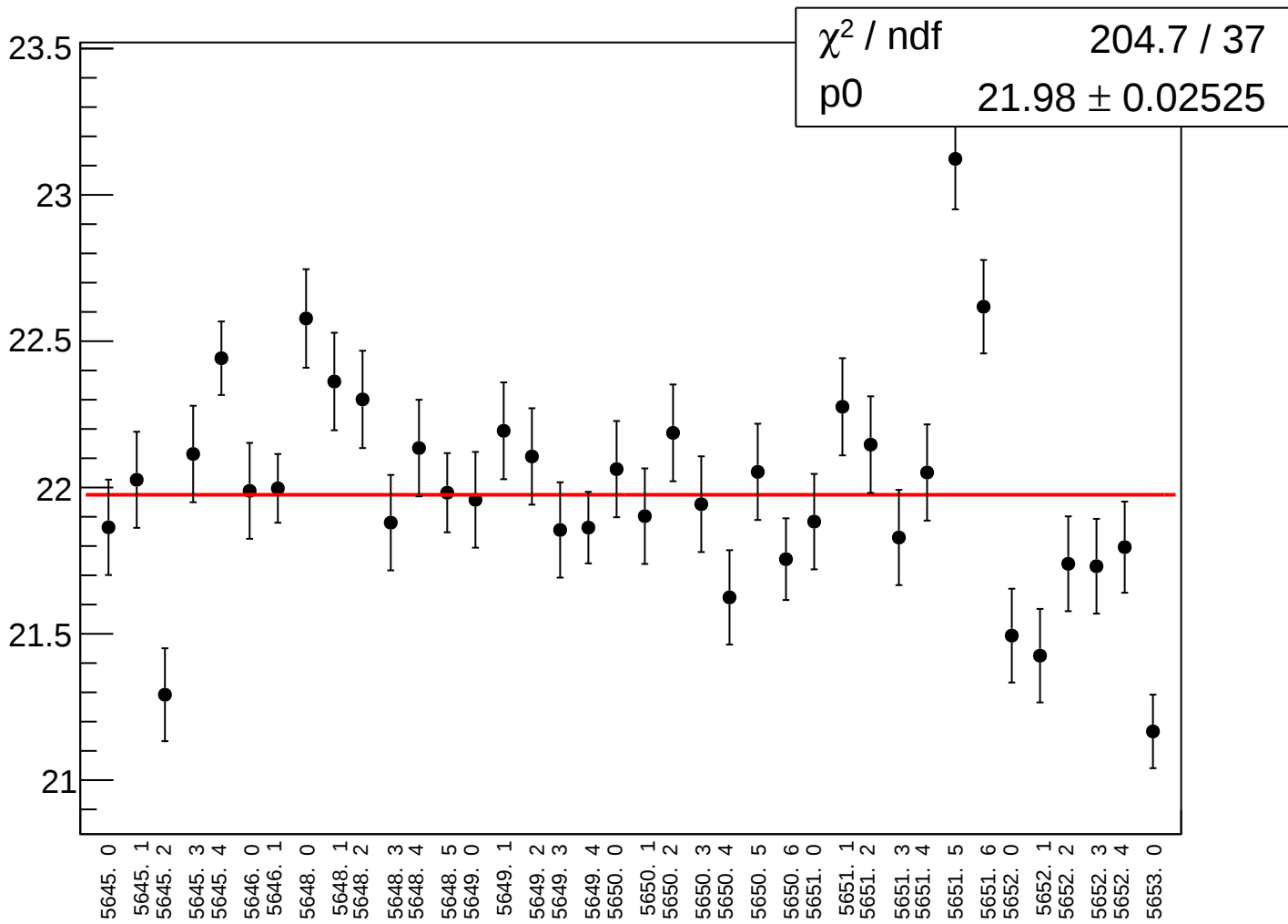
asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs run



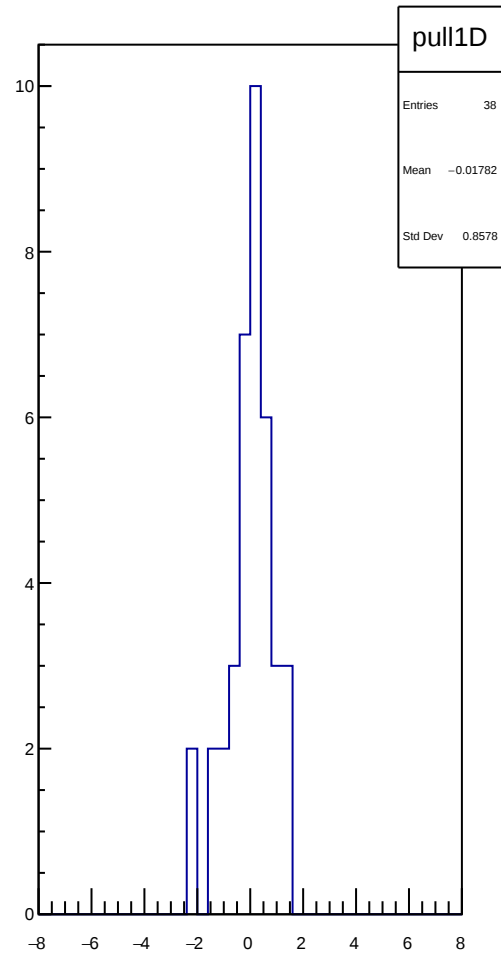
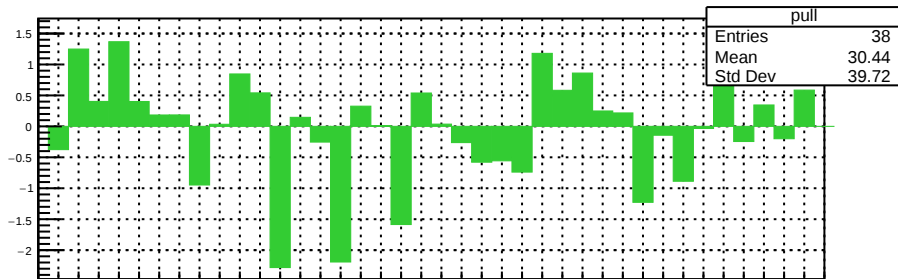
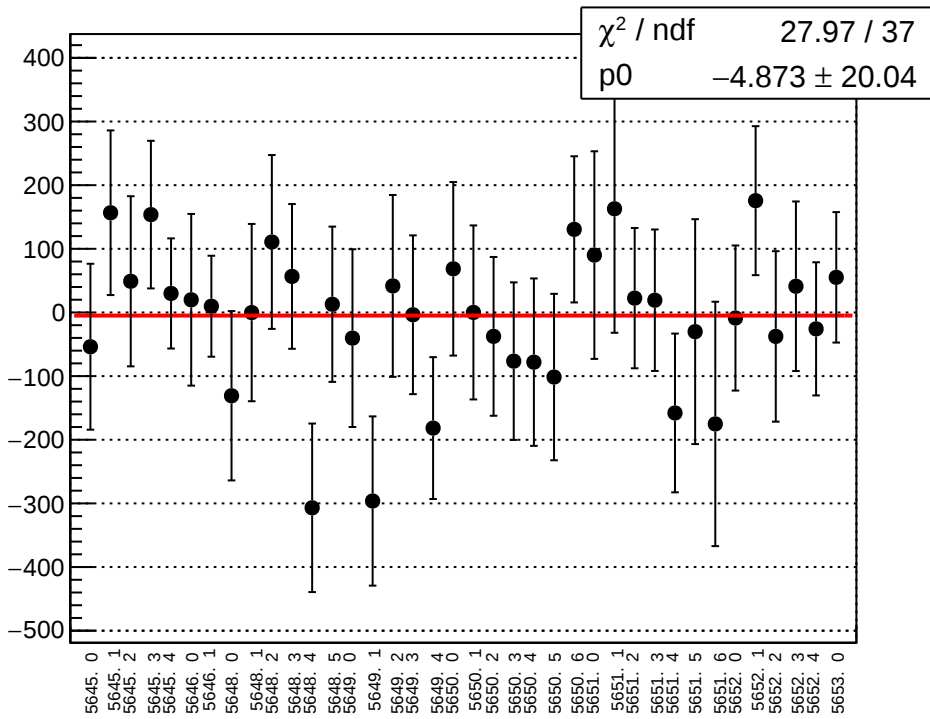
asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs run



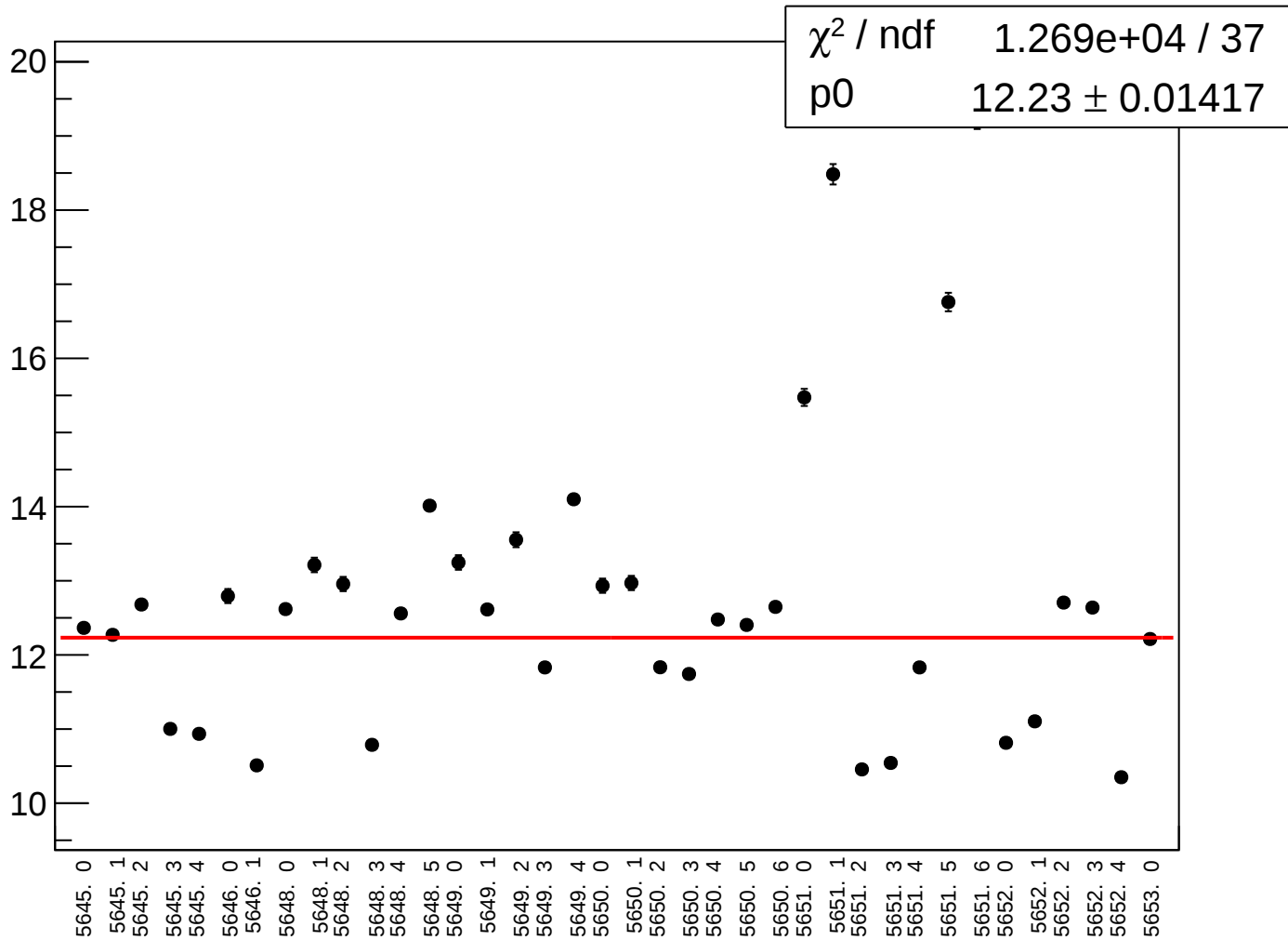
asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs run



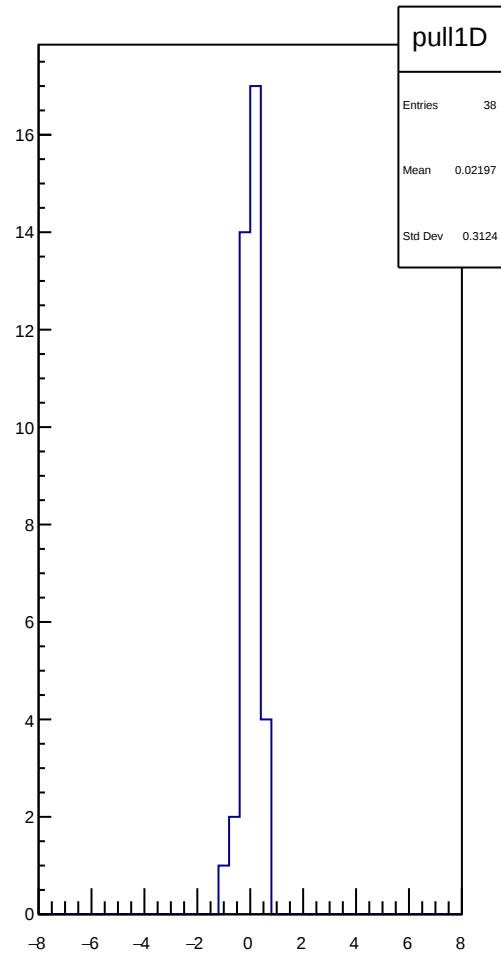
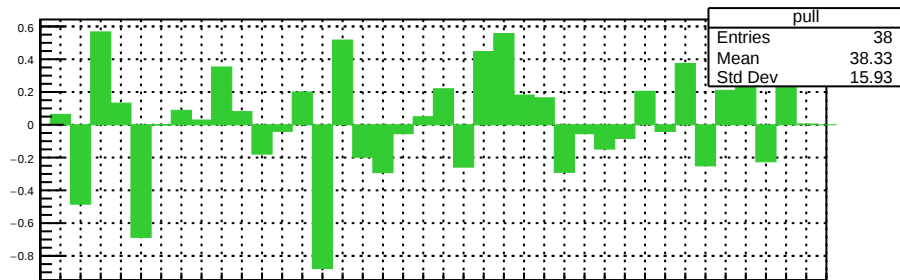
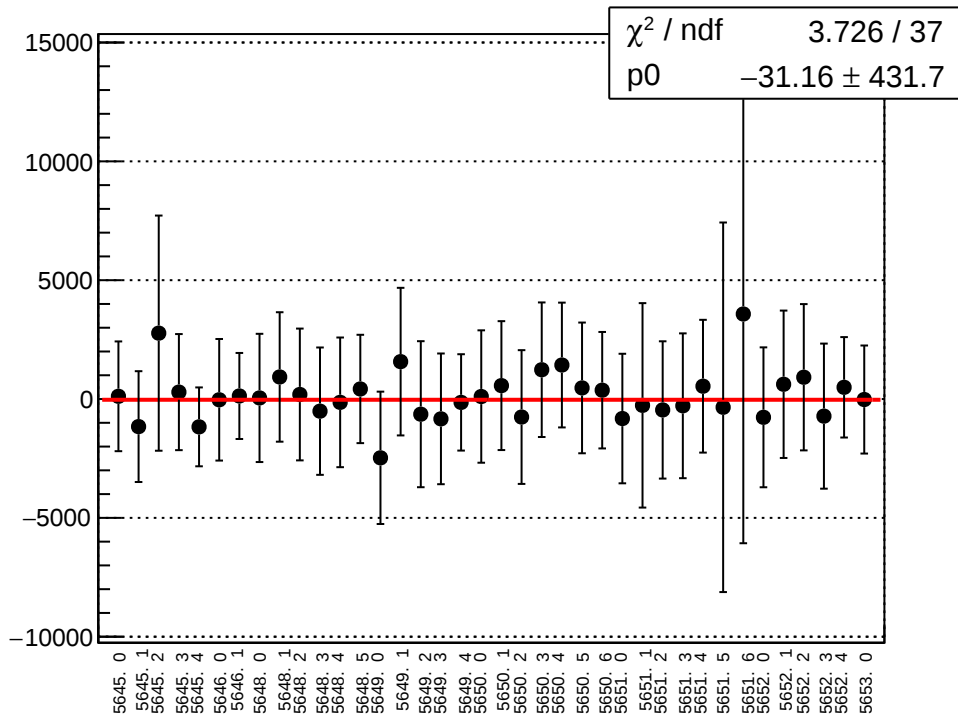
asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs run



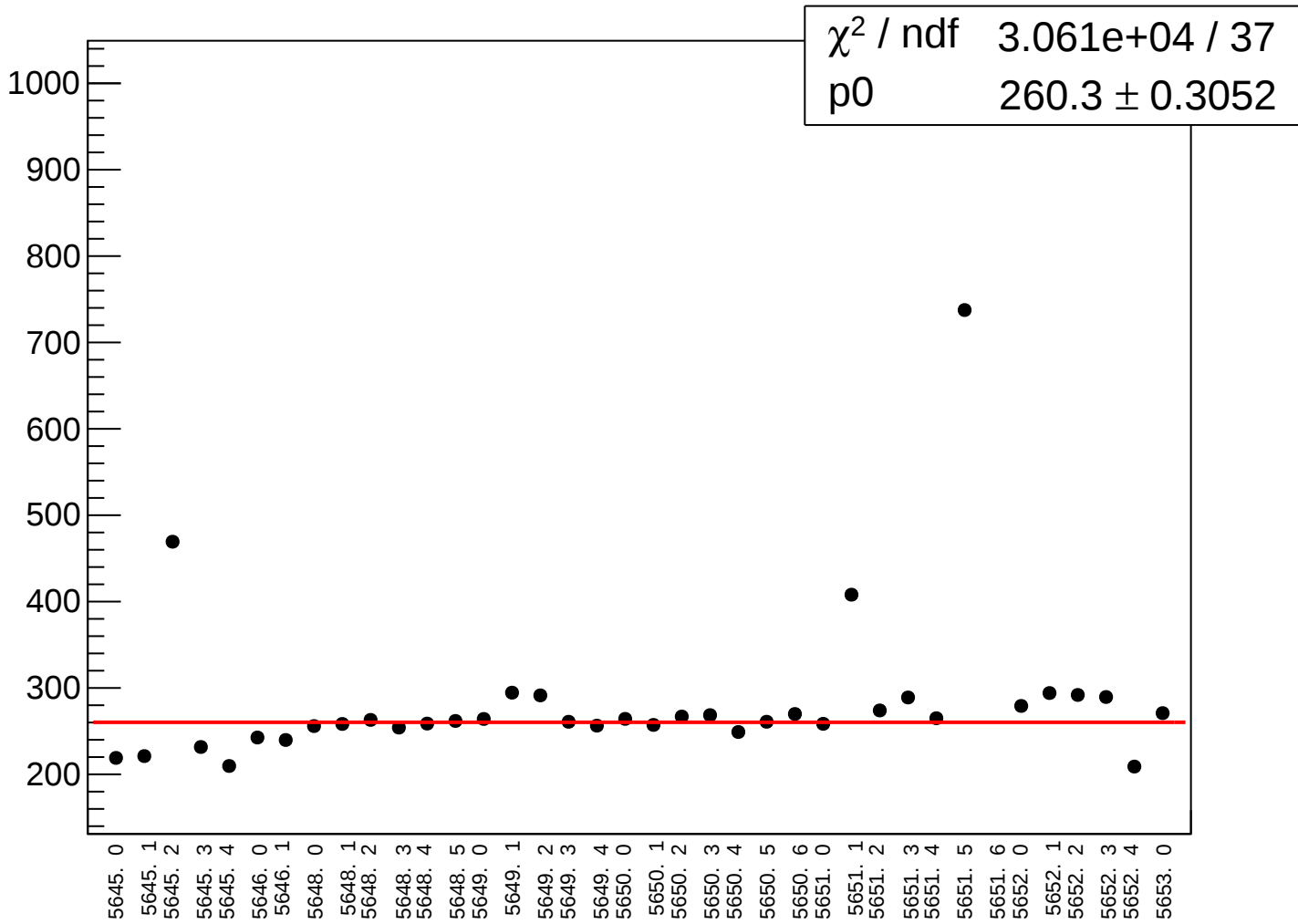
asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs run



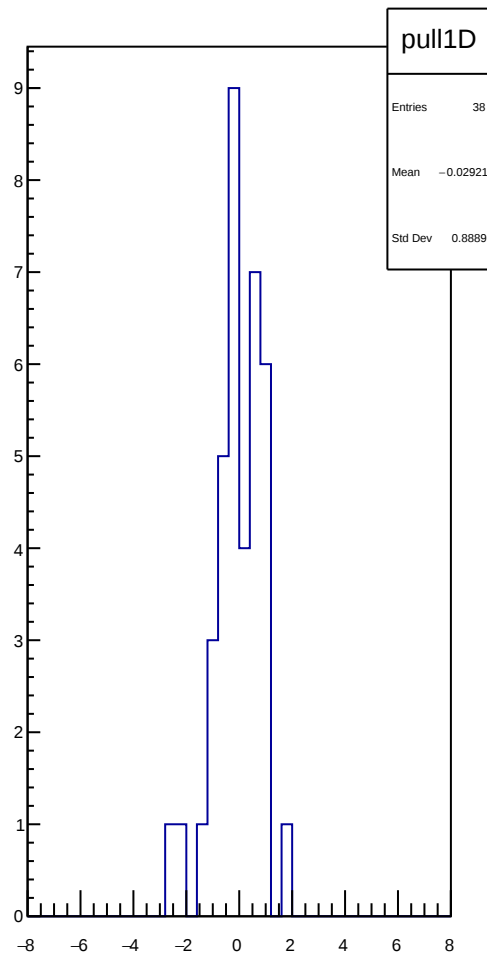
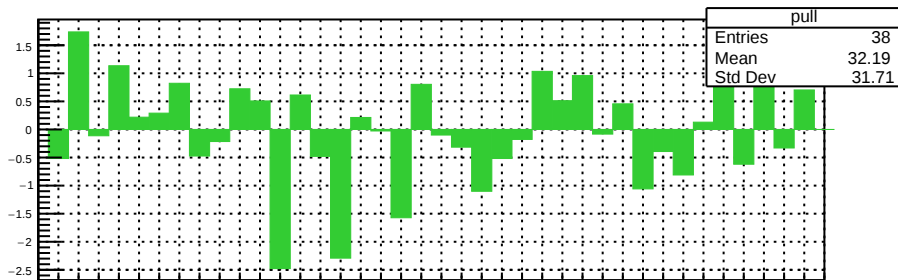
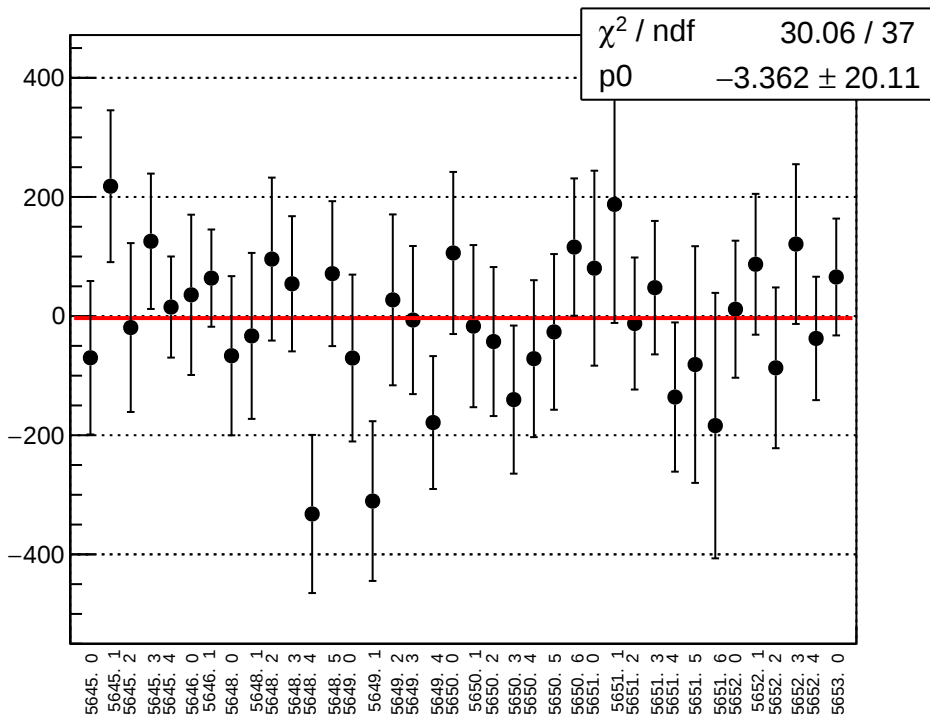
asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs run



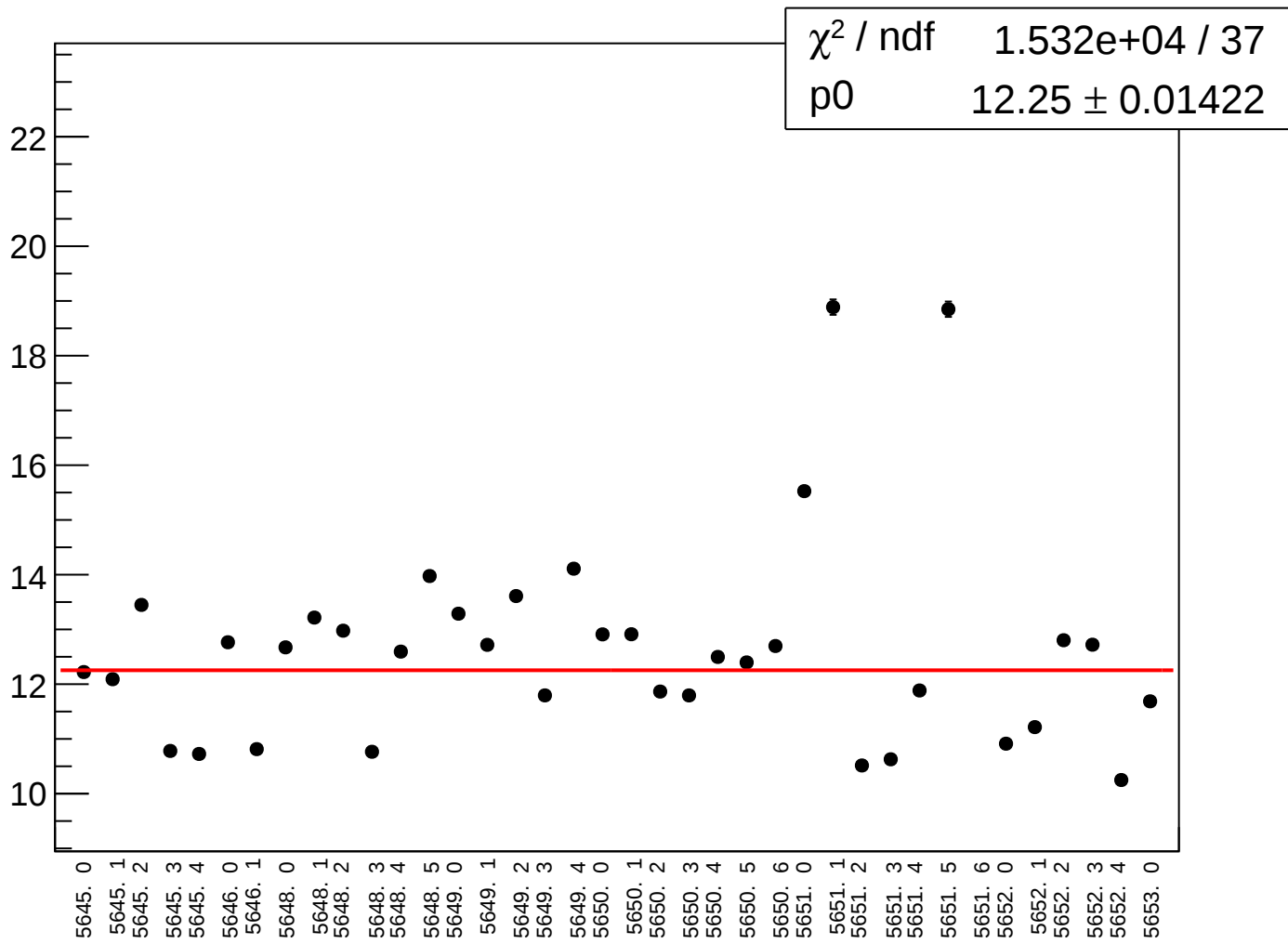
asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs run



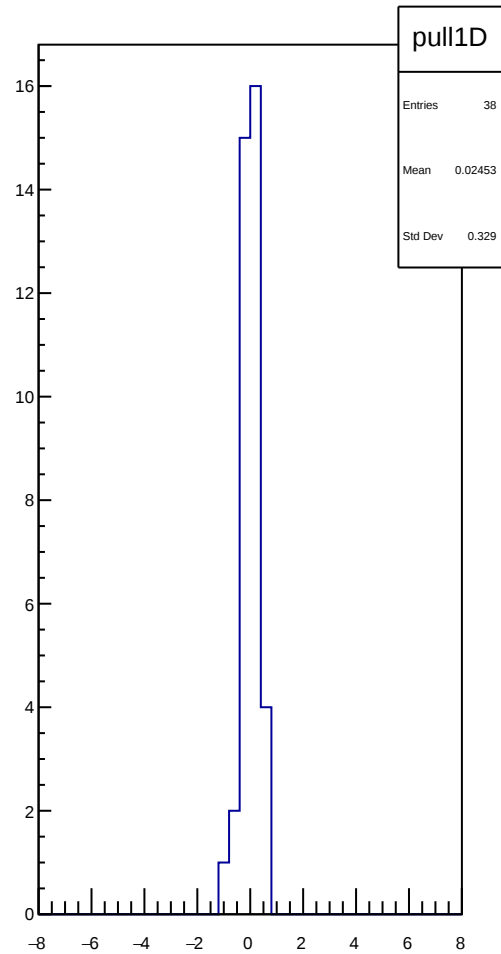
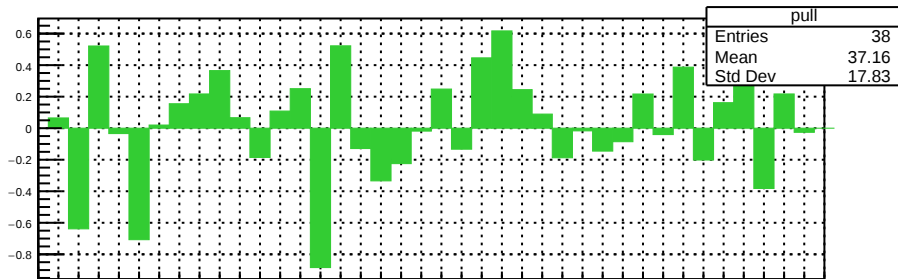
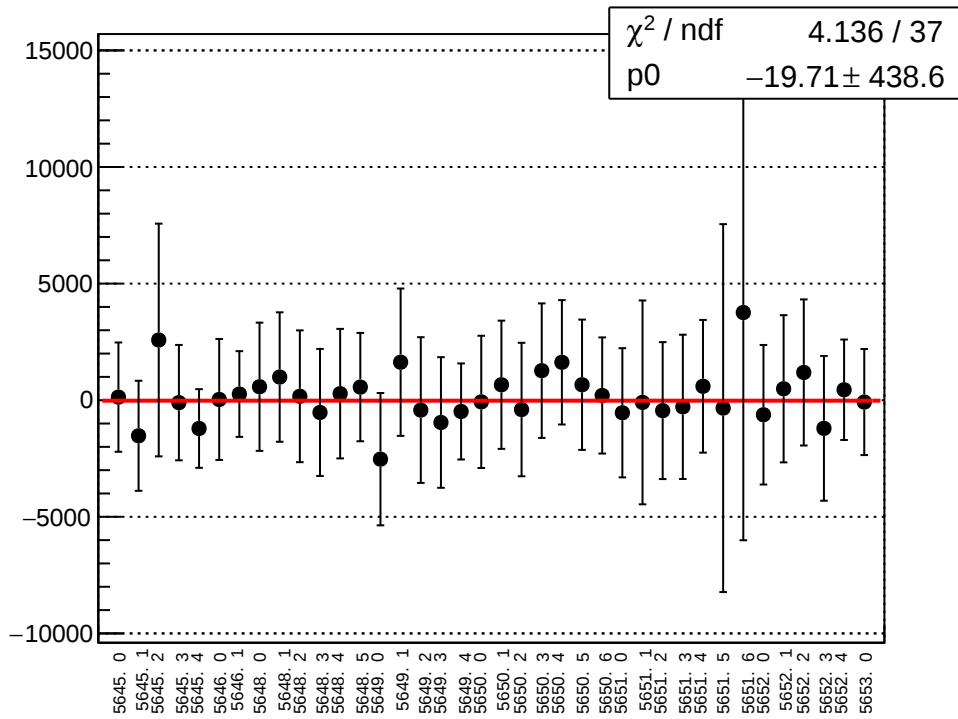
asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs run



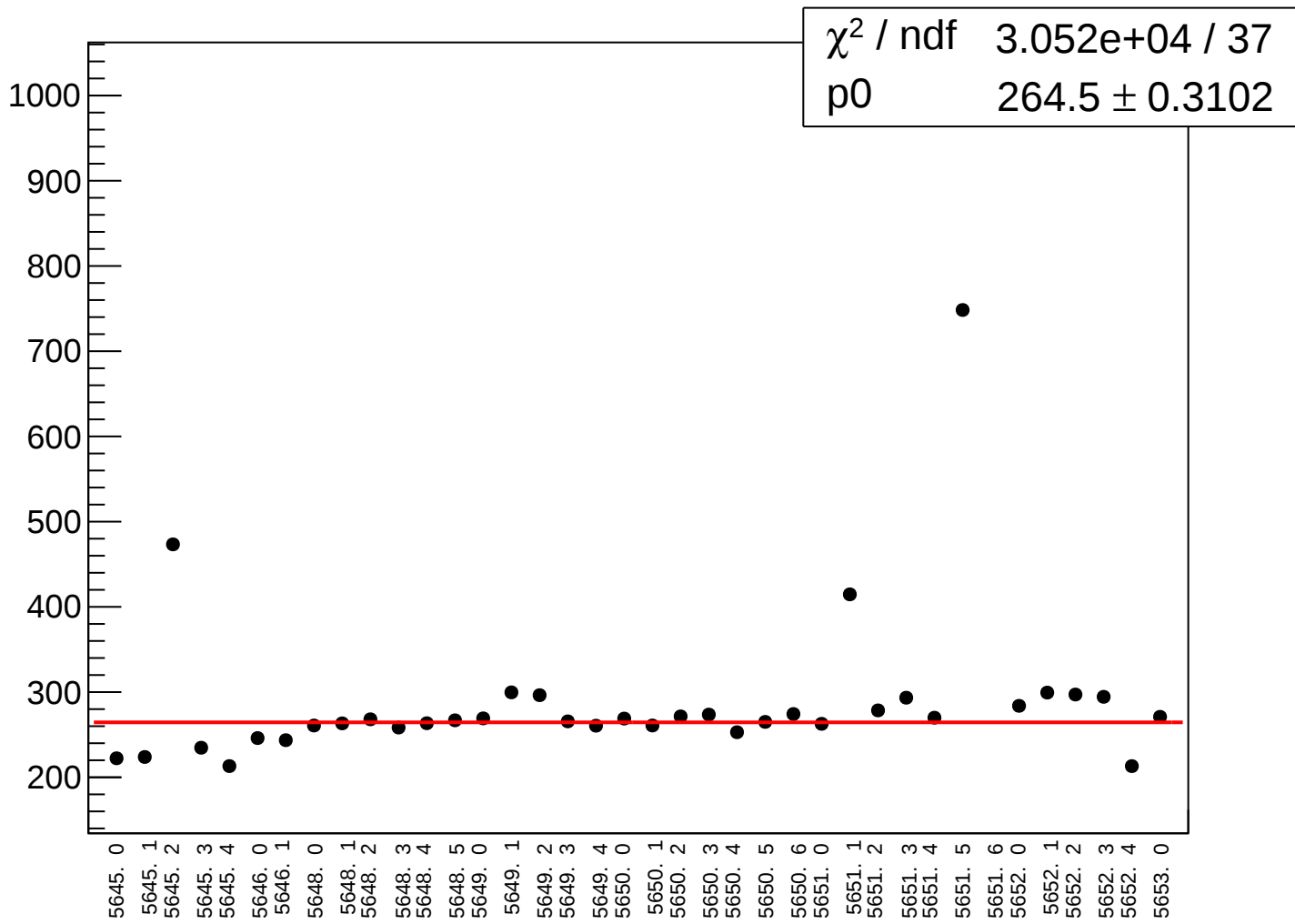
asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs run



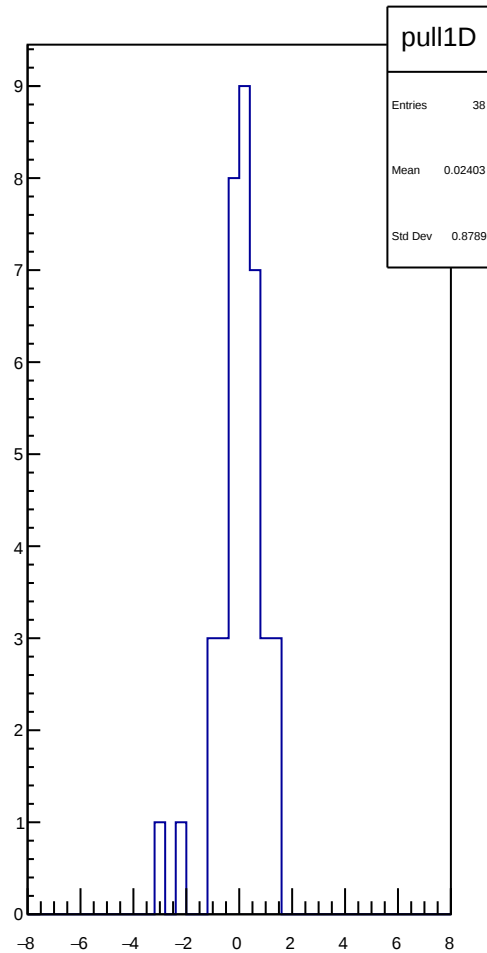
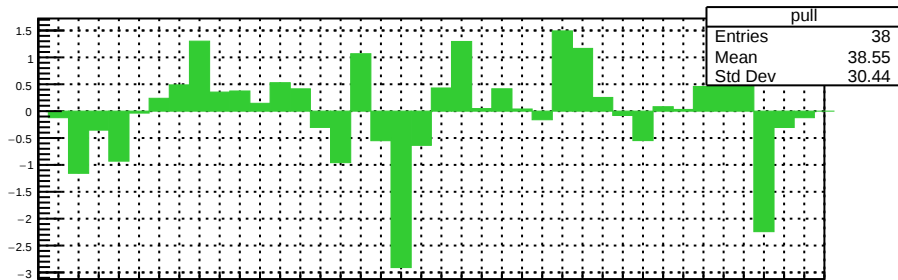
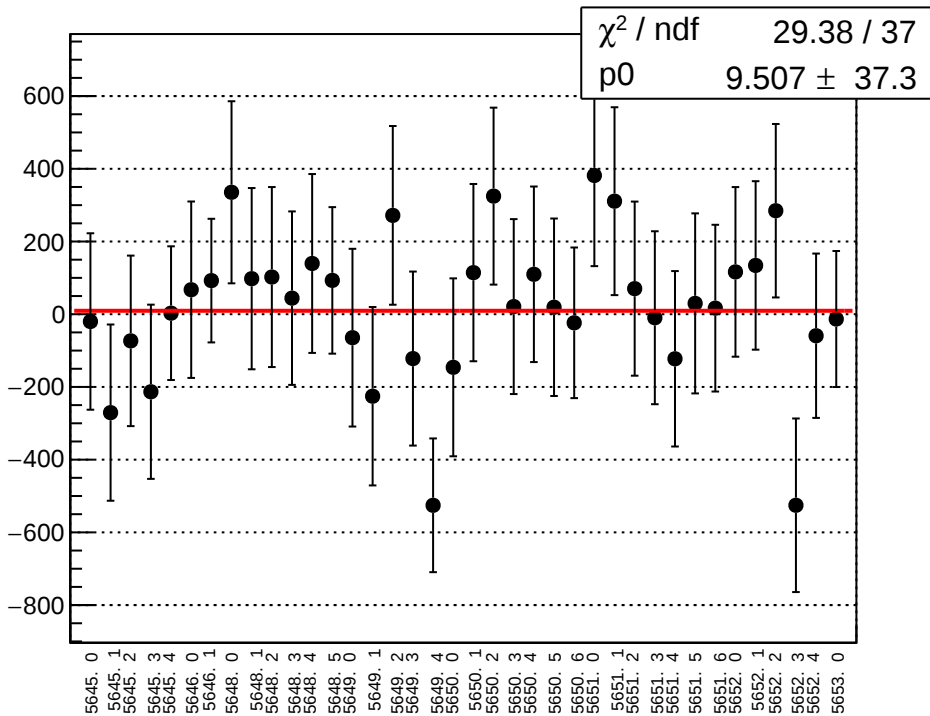
asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs run



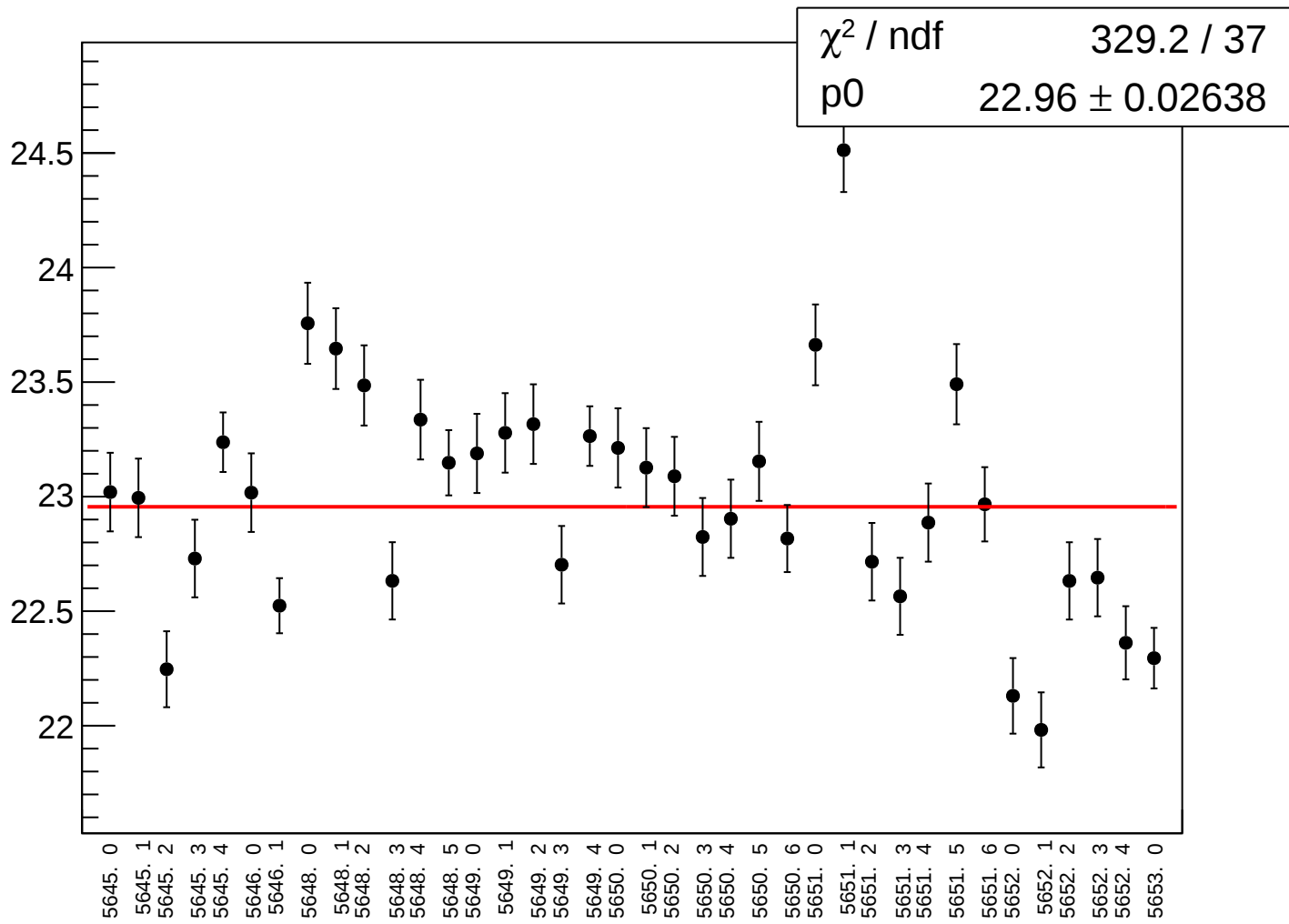
asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs run



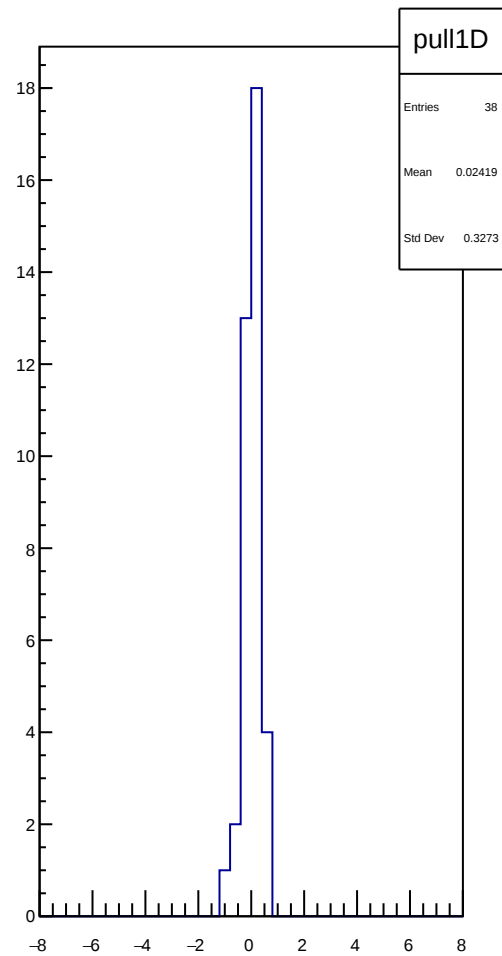
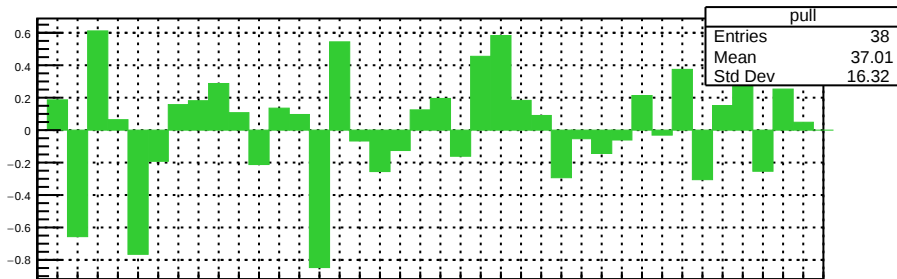
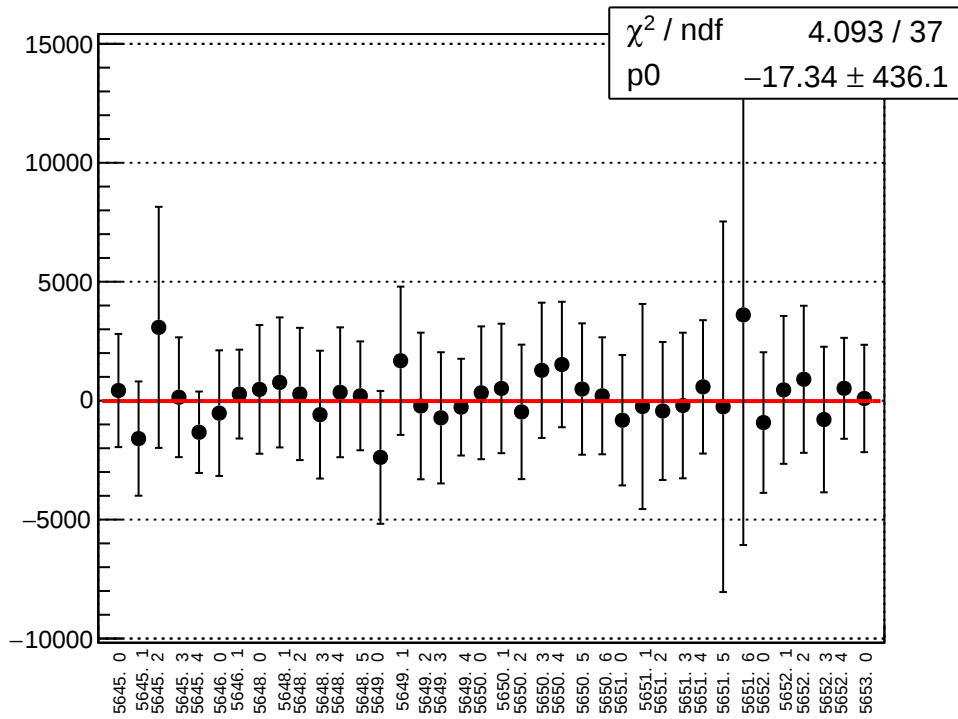
asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs run



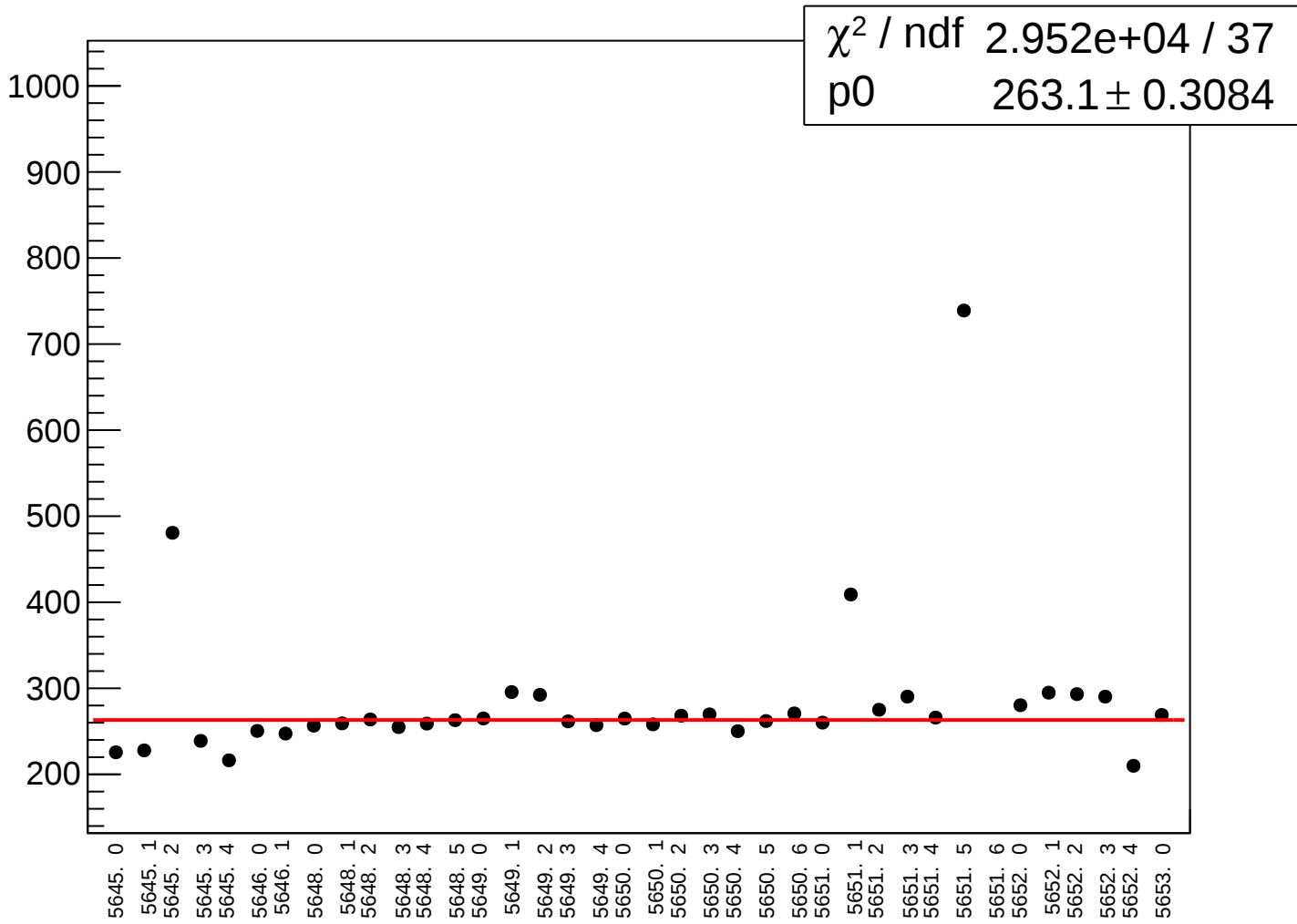
asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs run



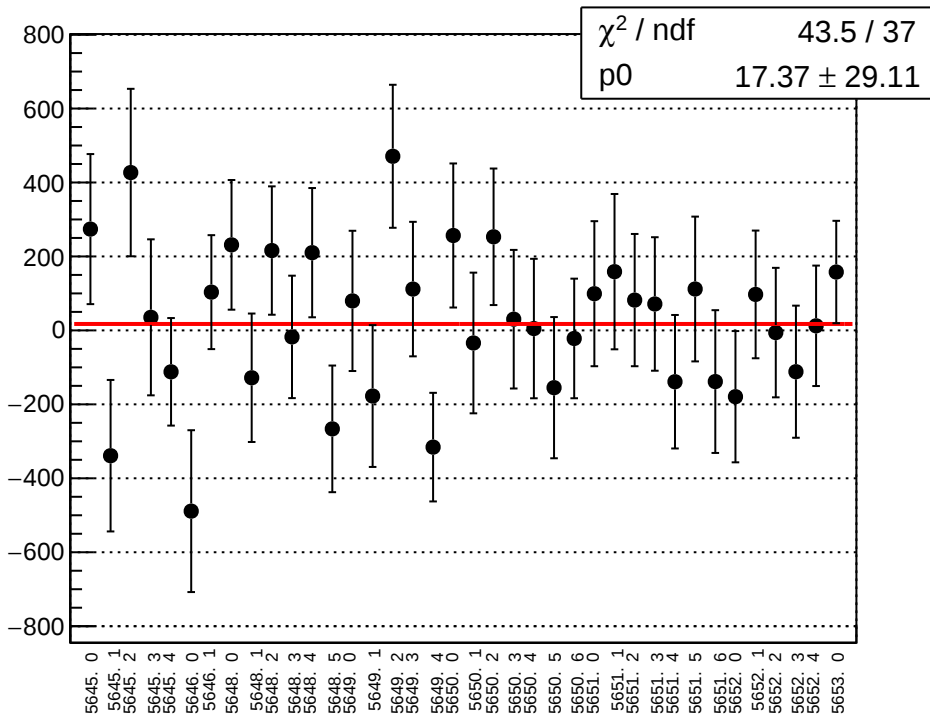
asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs run



asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs run



asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs run

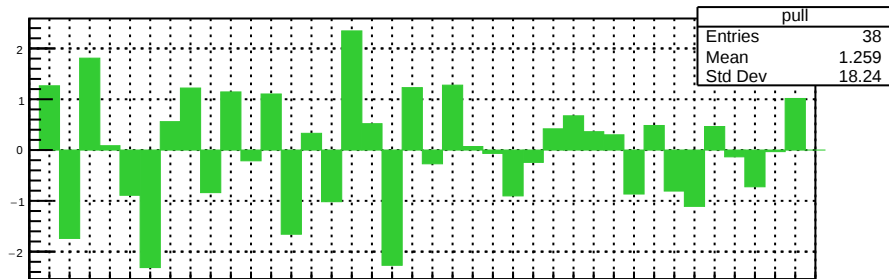


χ^2 / ndf

43.5 / 37

p0

17.37 ± 29.11



pull

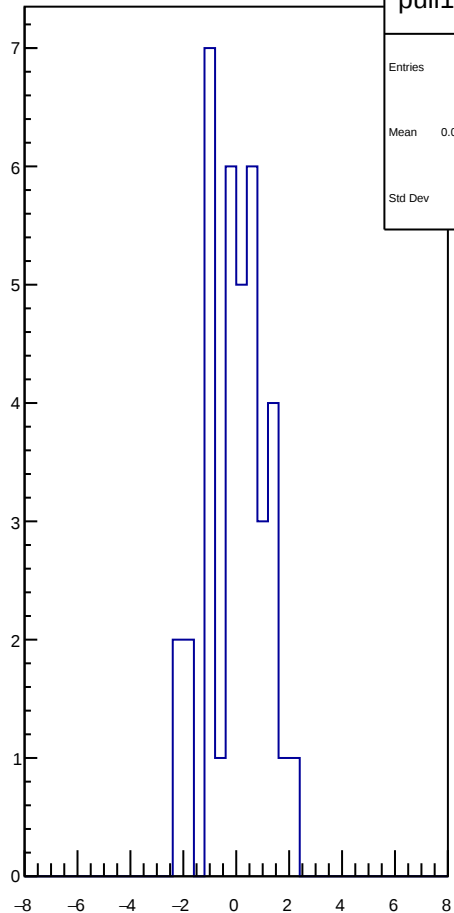
Entries	38
Mean	1.259
Std Dev	18.24

pull1D

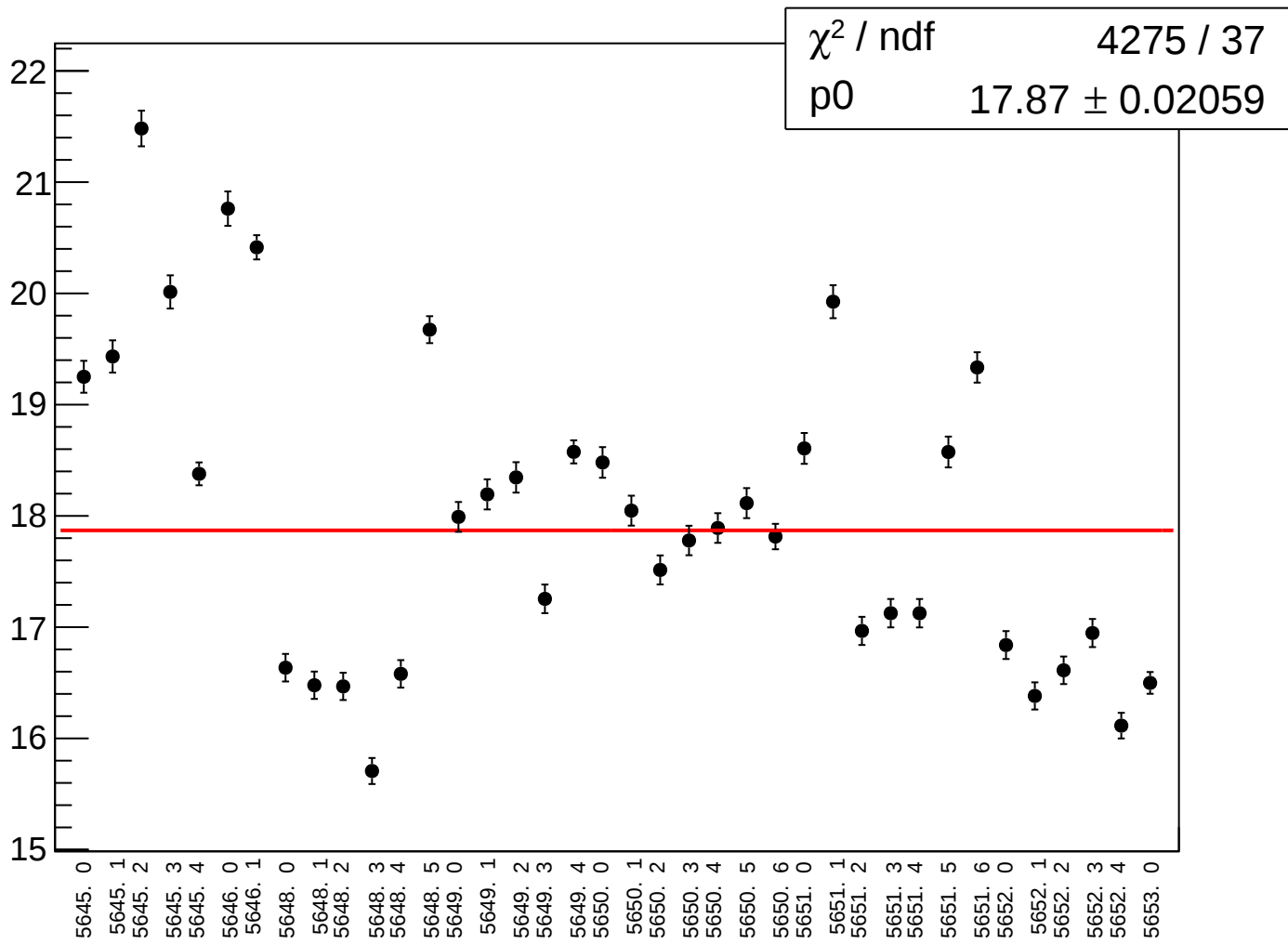
Entries 38

Mean 0.01534

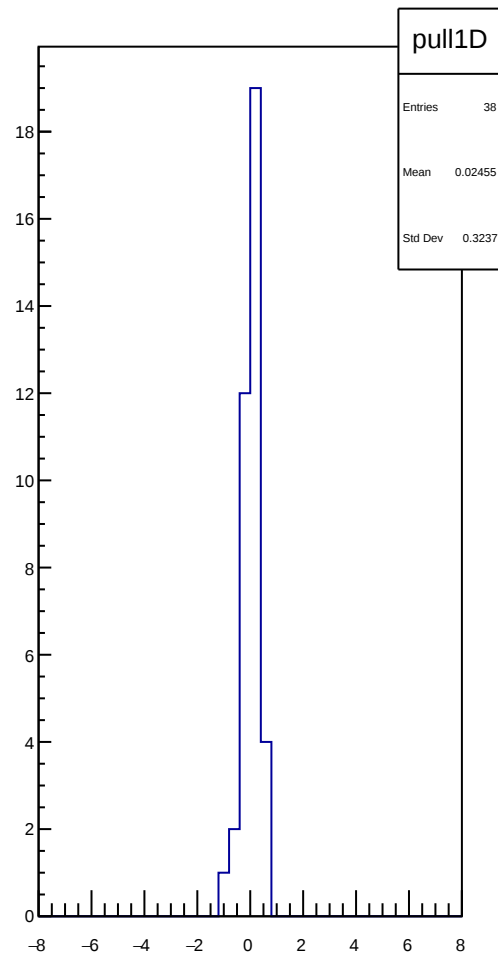
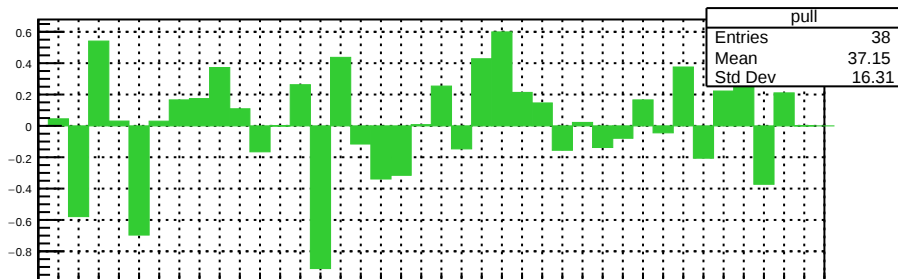
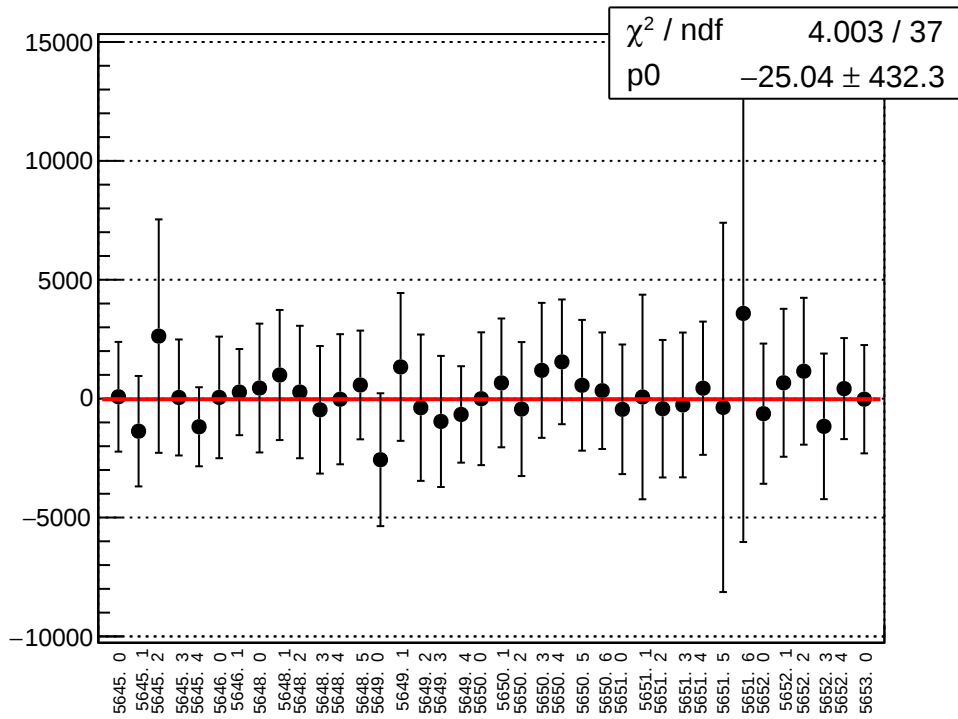
Std Dev 1.07



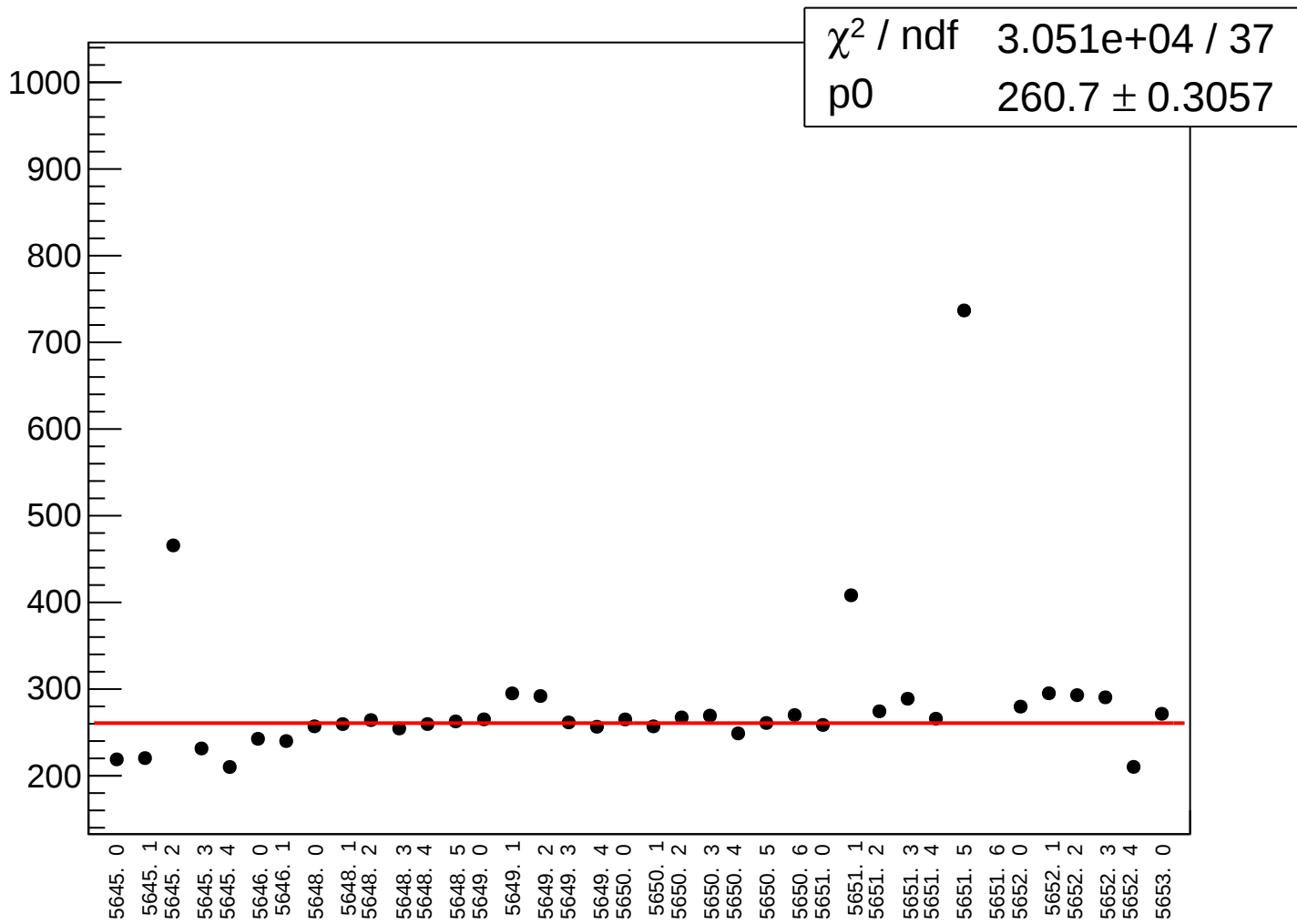
asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs run



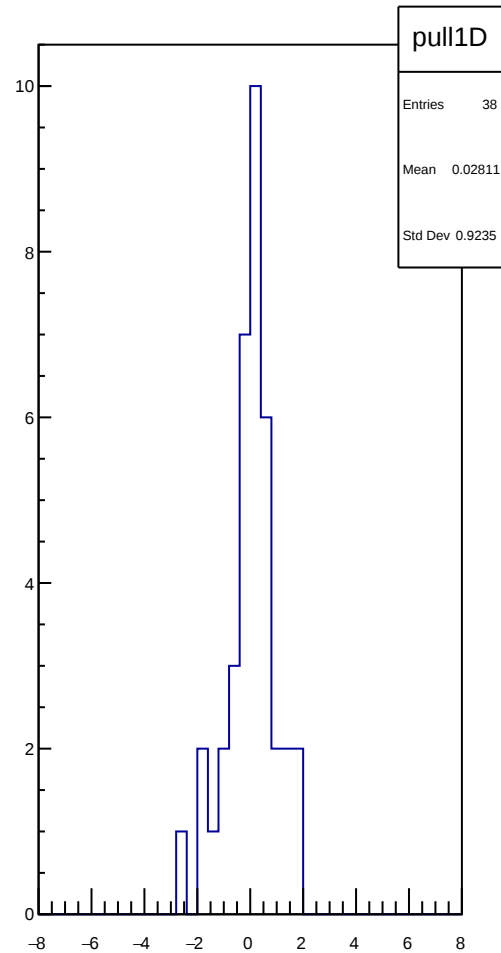
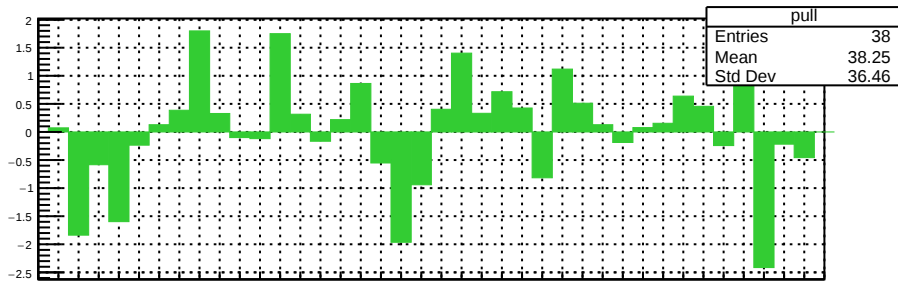
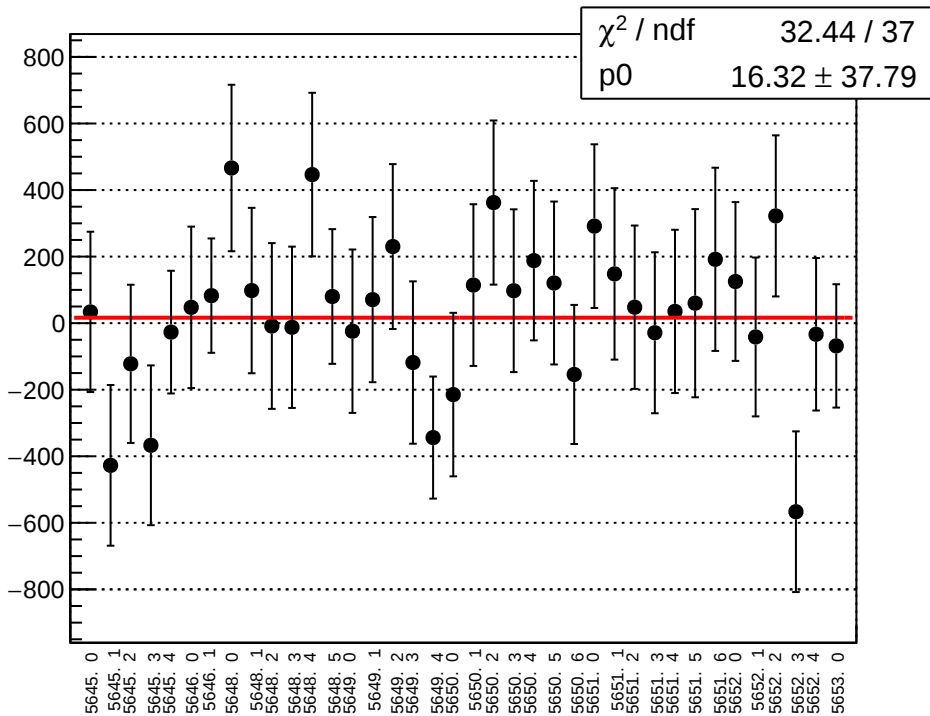
asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs run



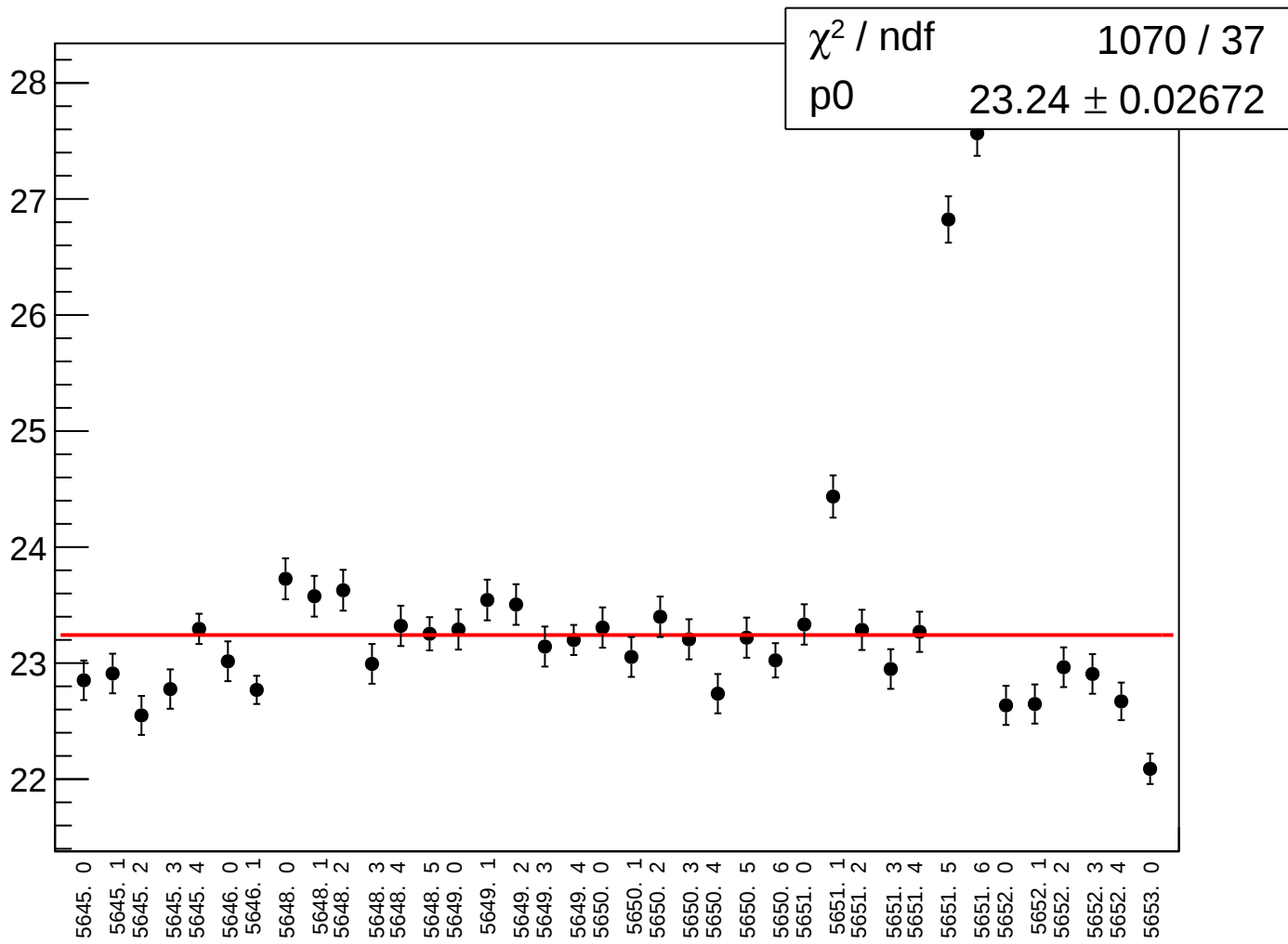
asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs run



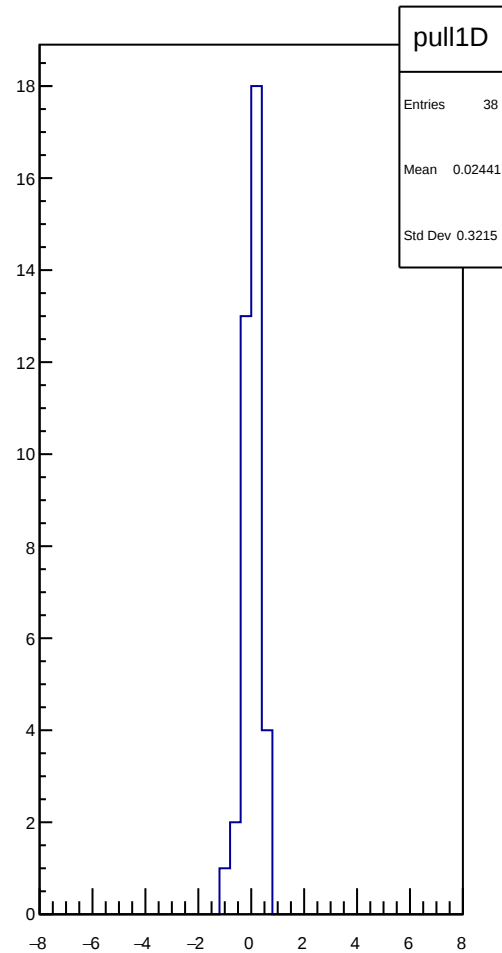
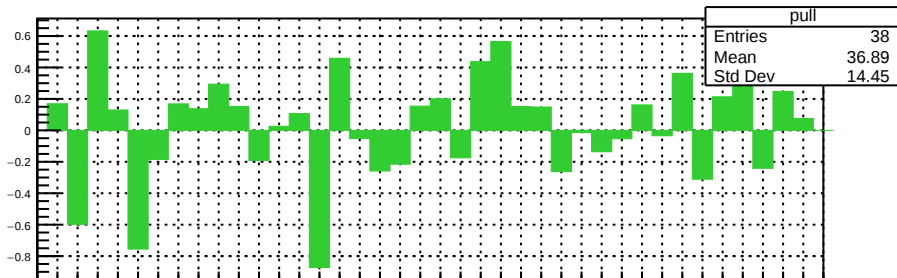
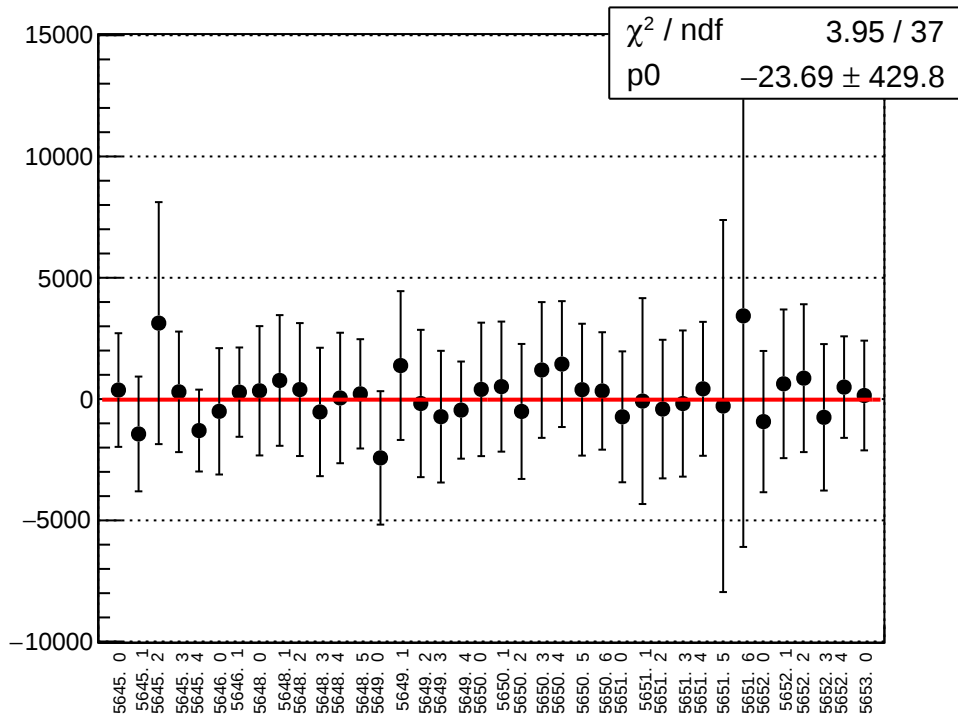
asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs run



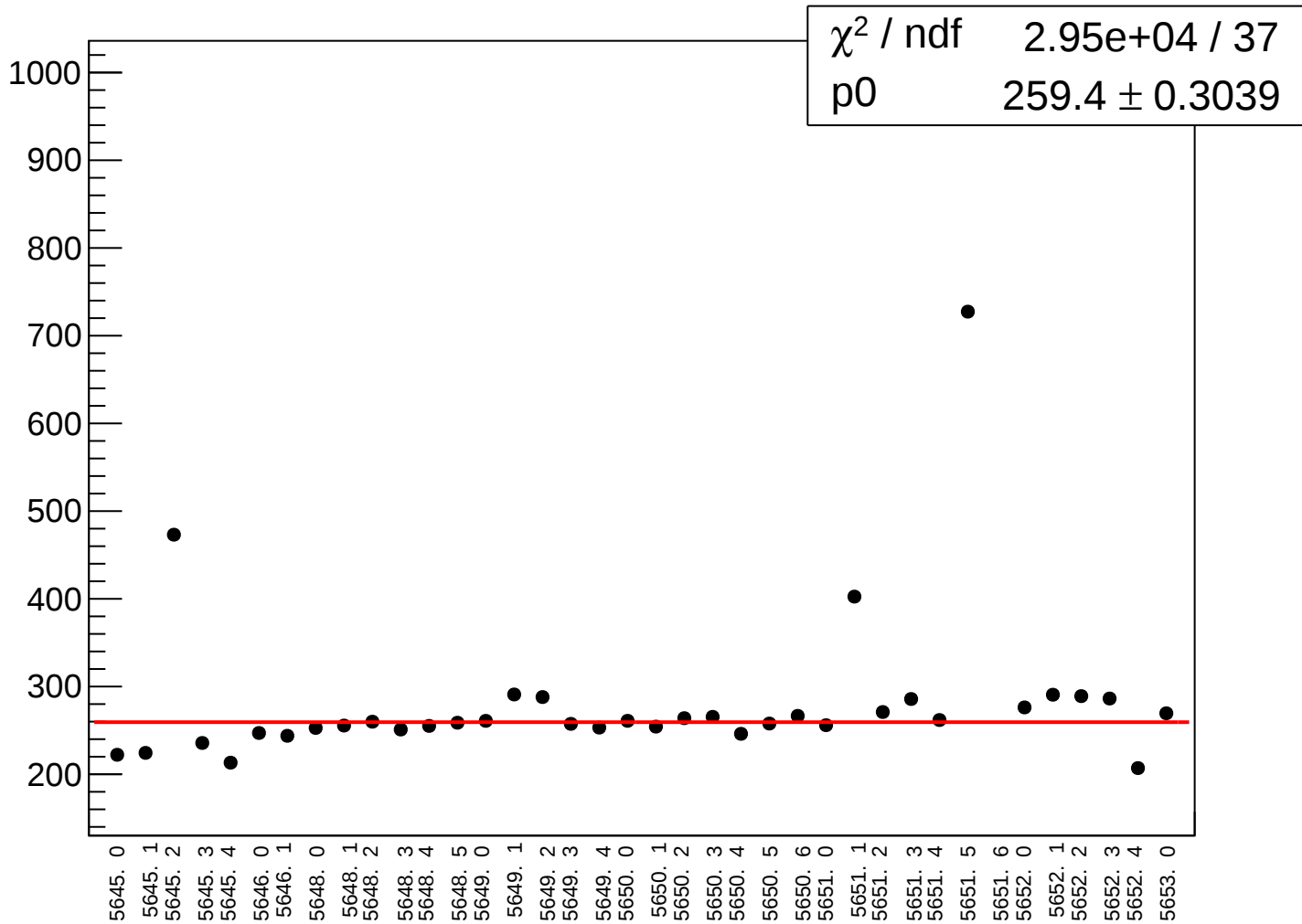
asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs run



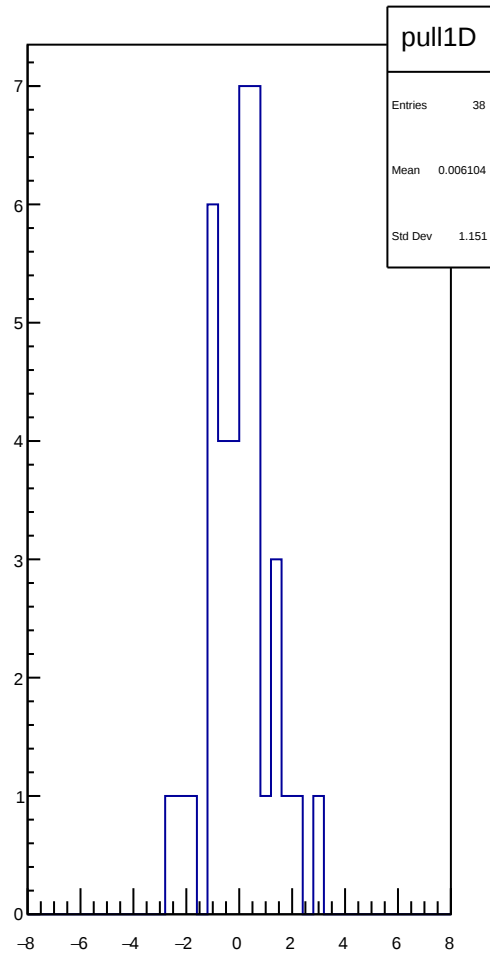
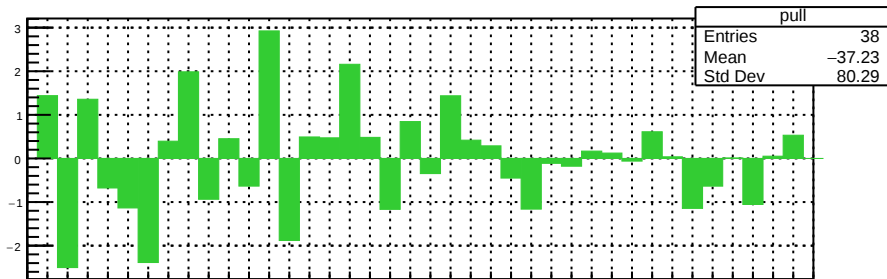
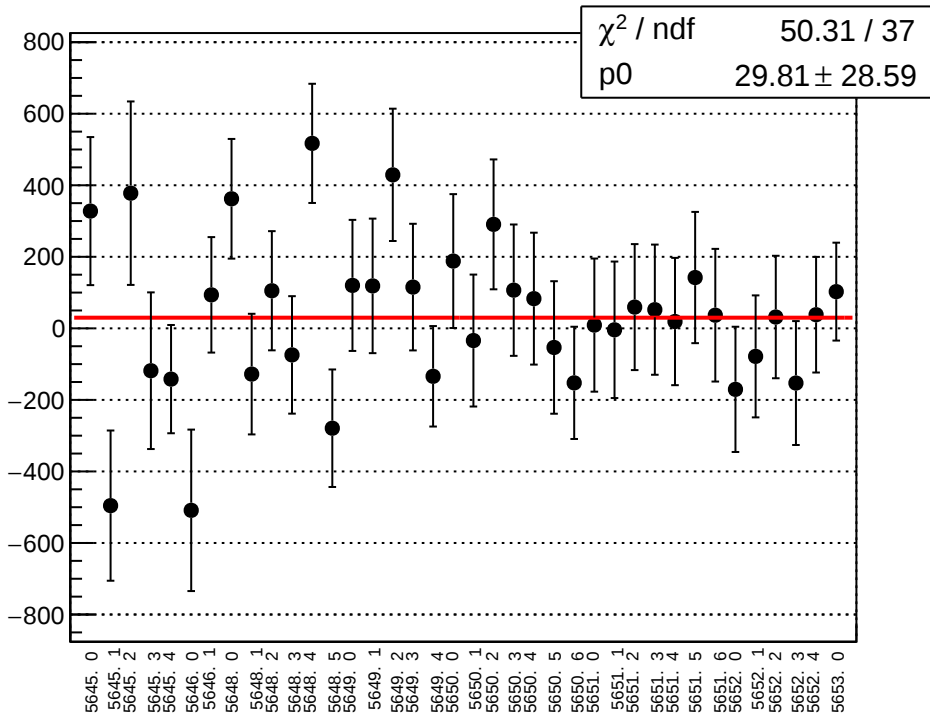
asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs run



asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs run



asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs run



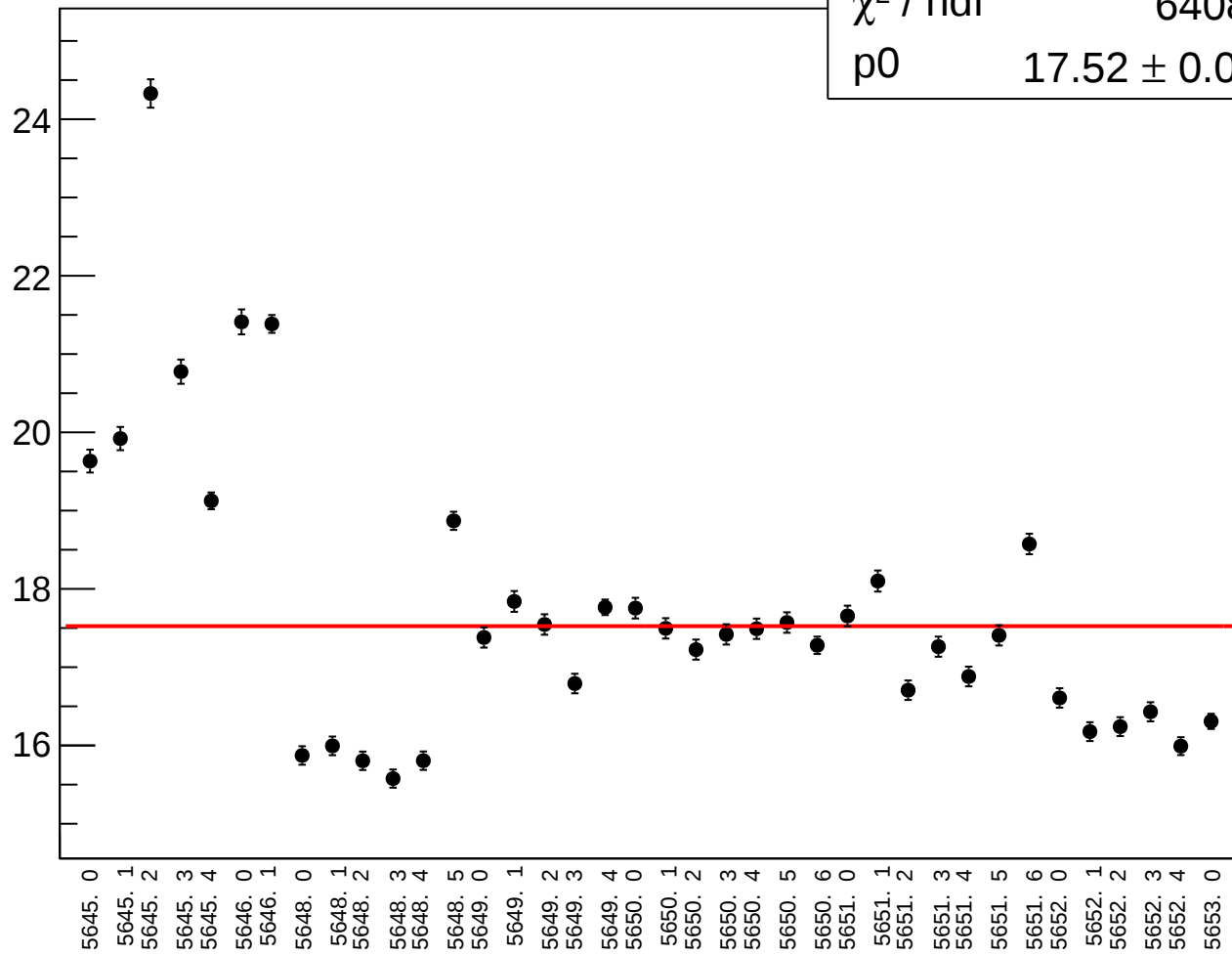
asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs run

χ^2 / ndf

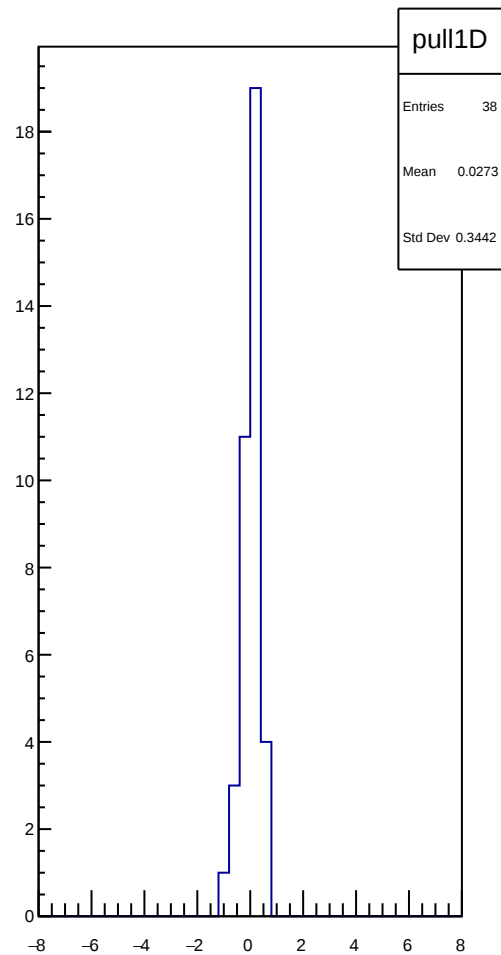
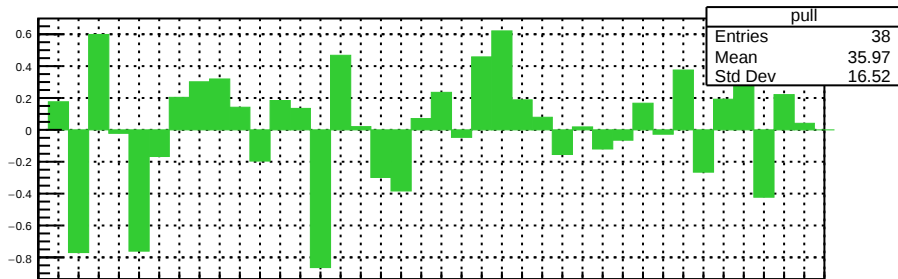
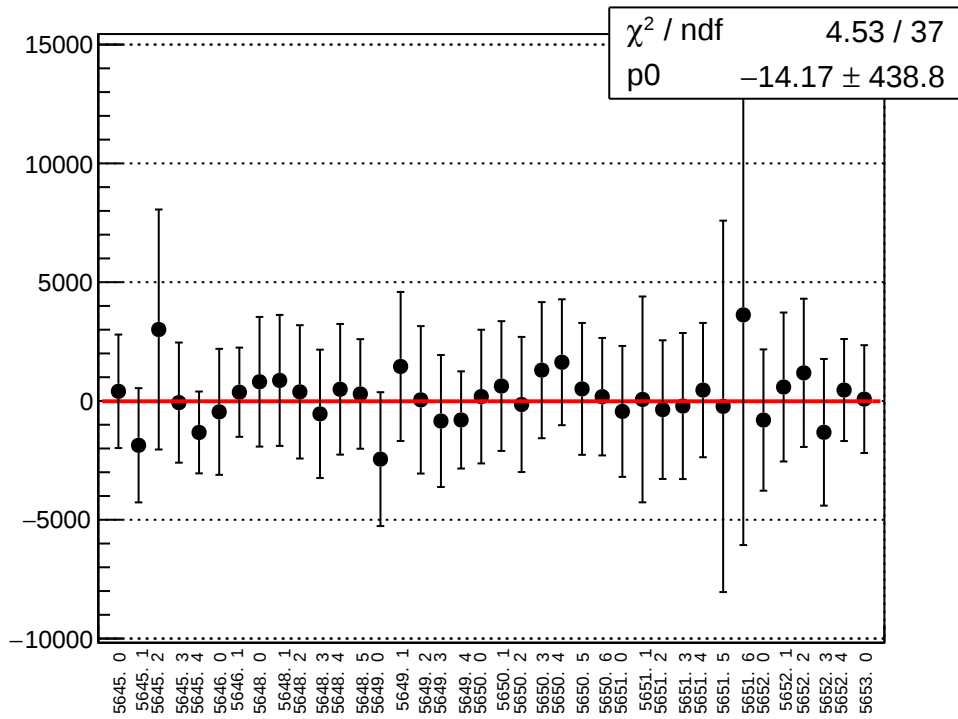
6408 / 37

p0

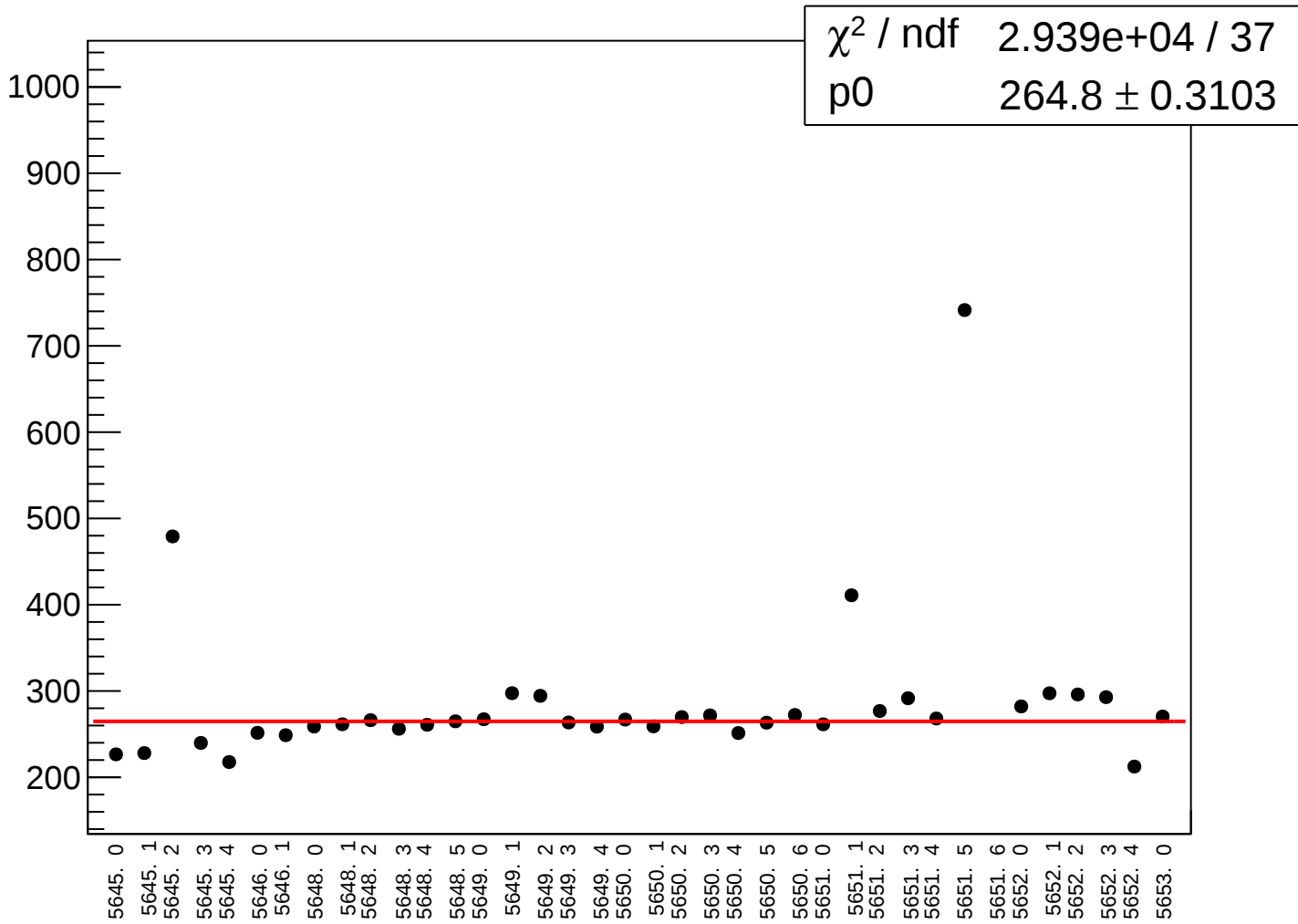
17.52 ± 0.02022



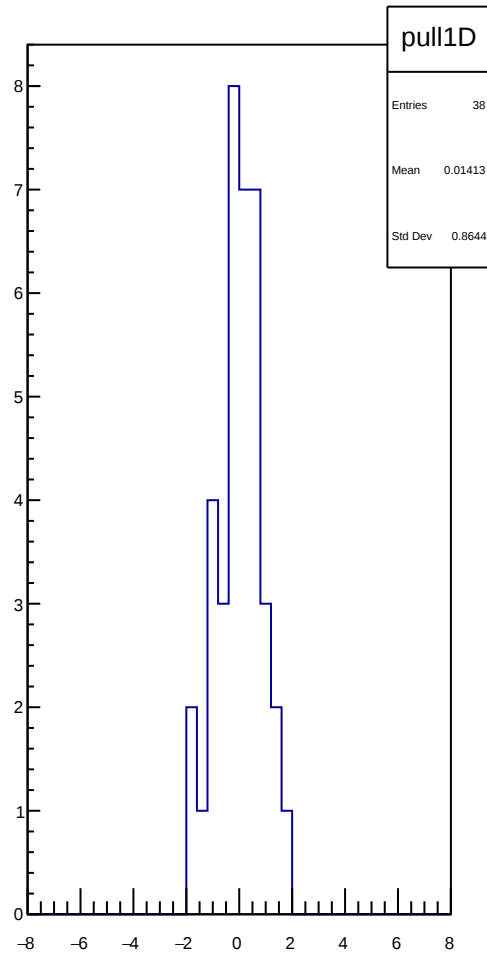
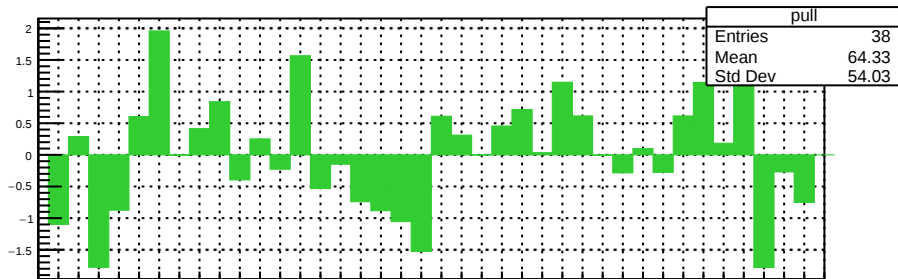
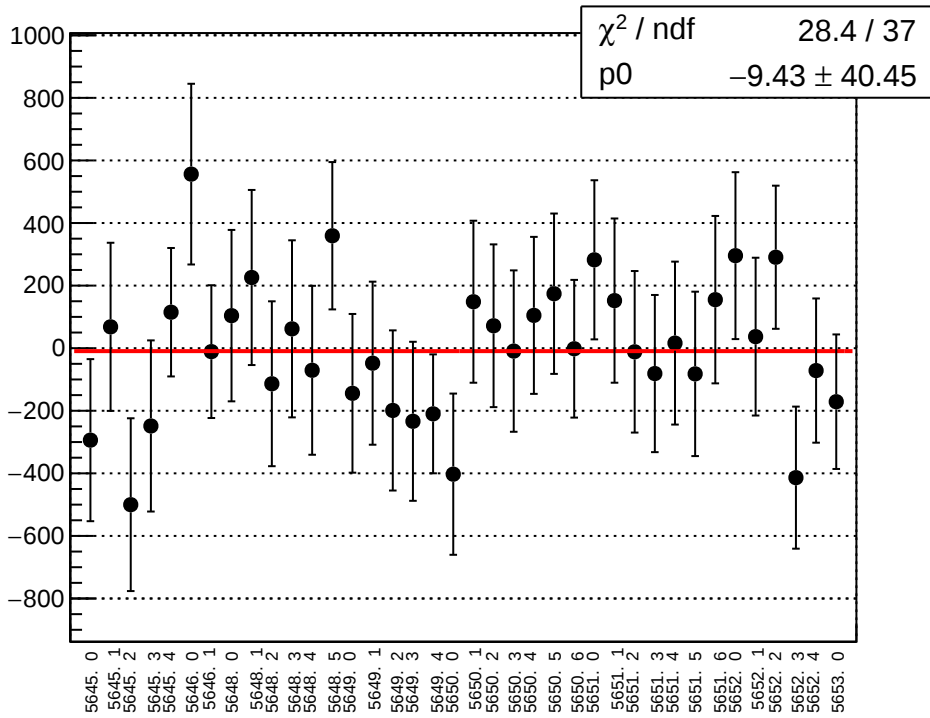
asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs run



asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs run



asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs run



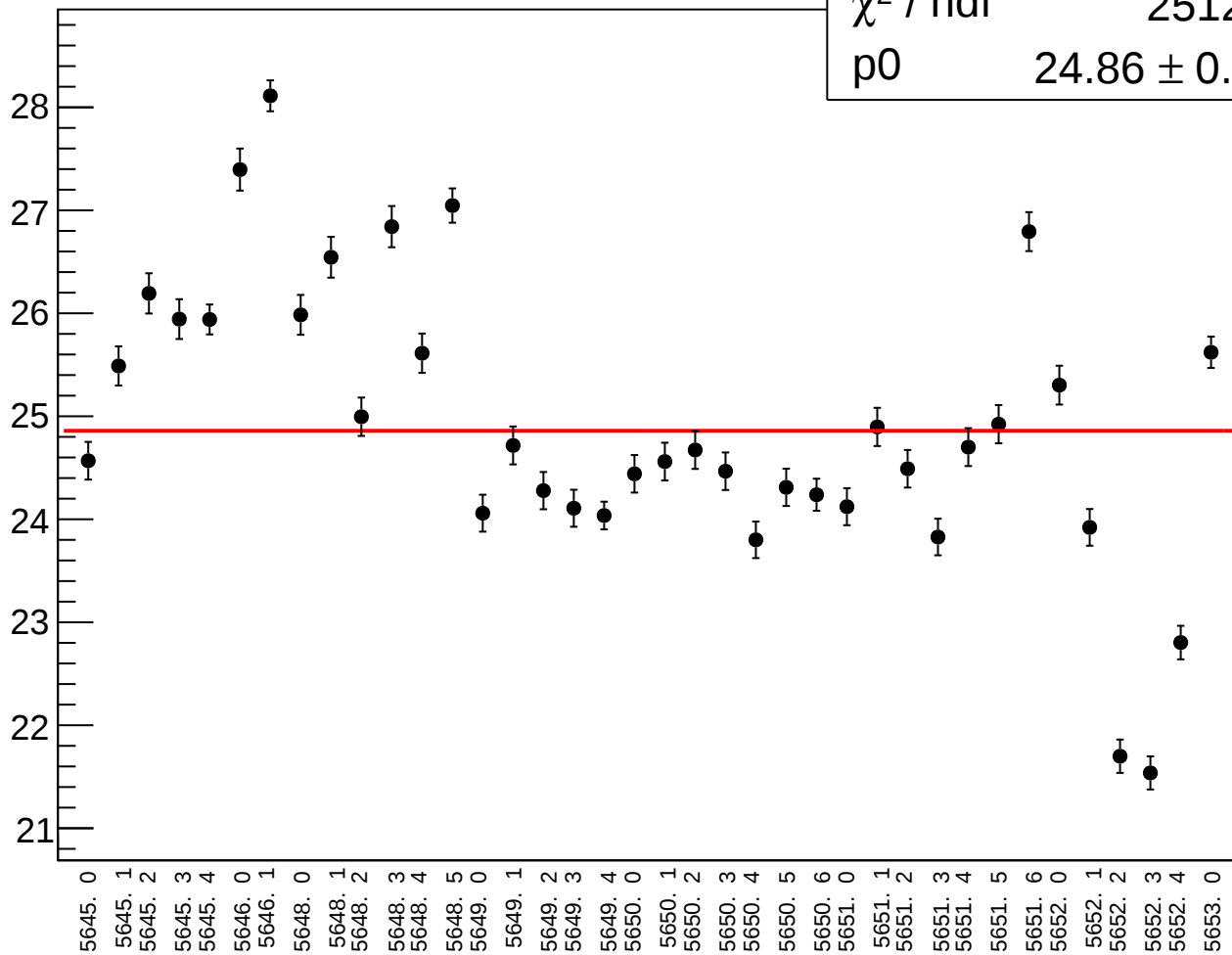
asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs run

χ^2 / ndf

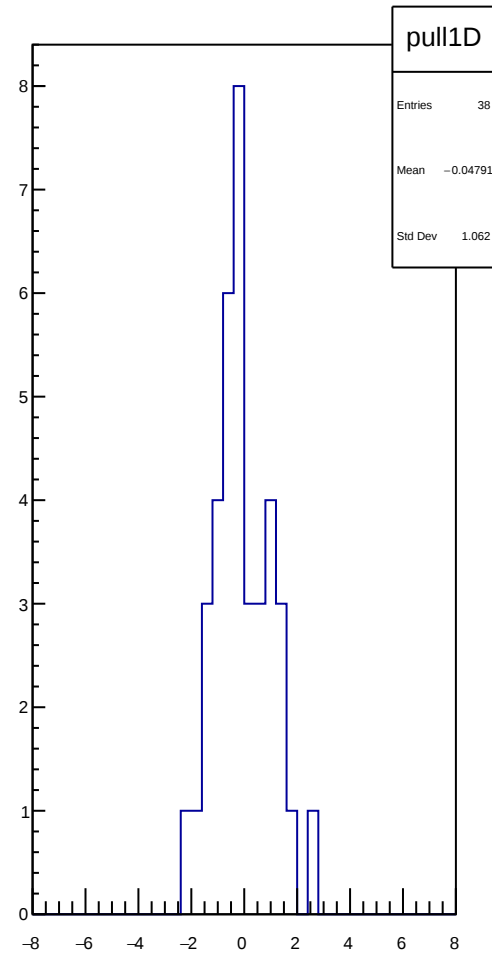
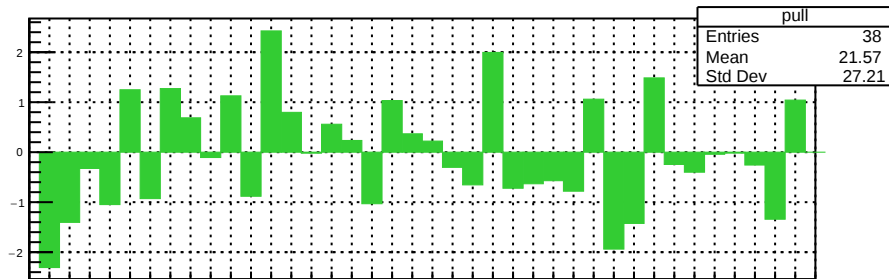
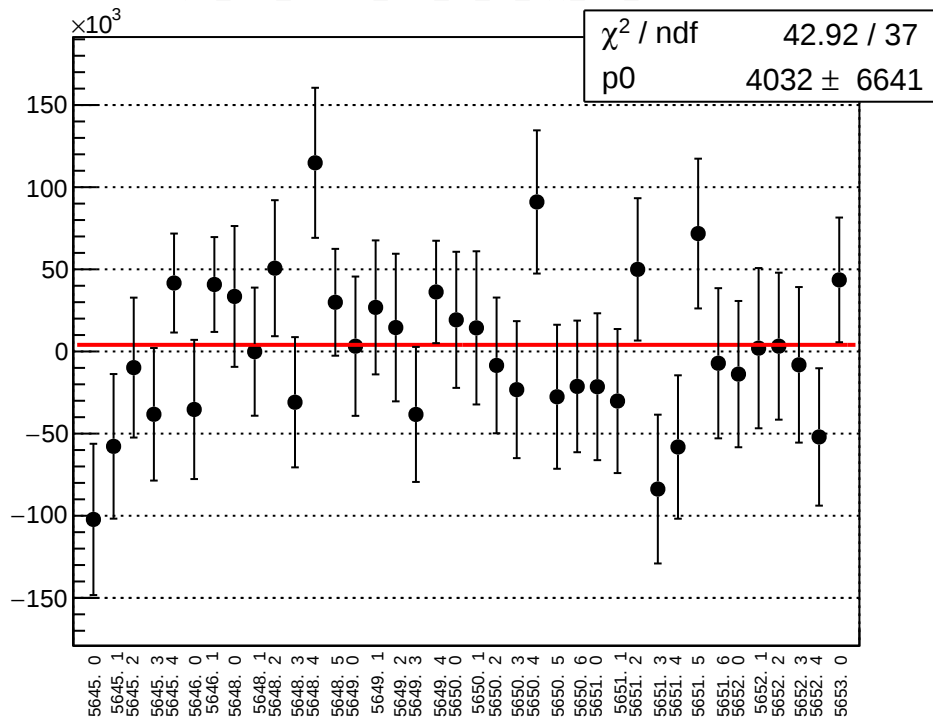
2512 / 37

p0

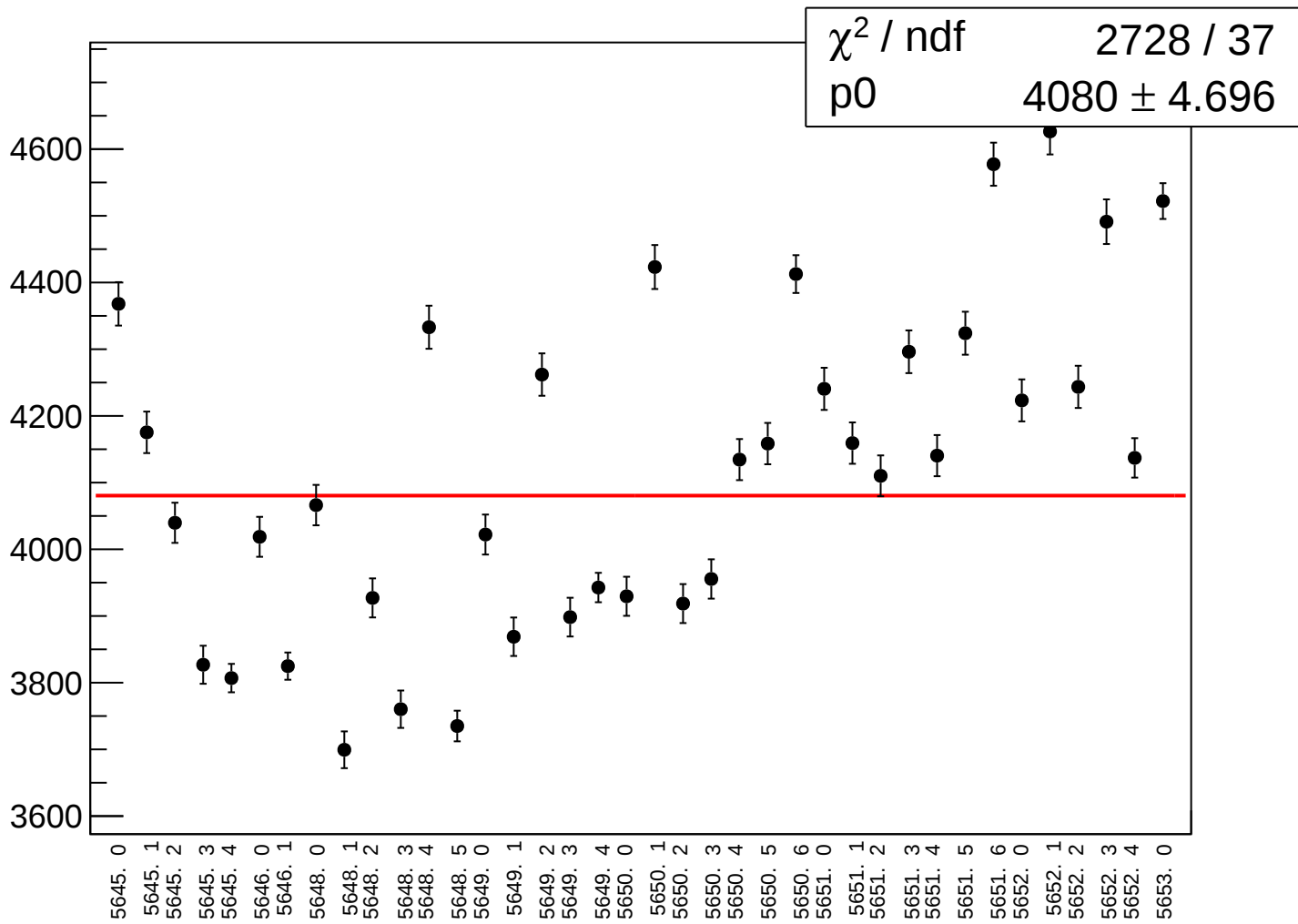
24.86 ± 0.0286



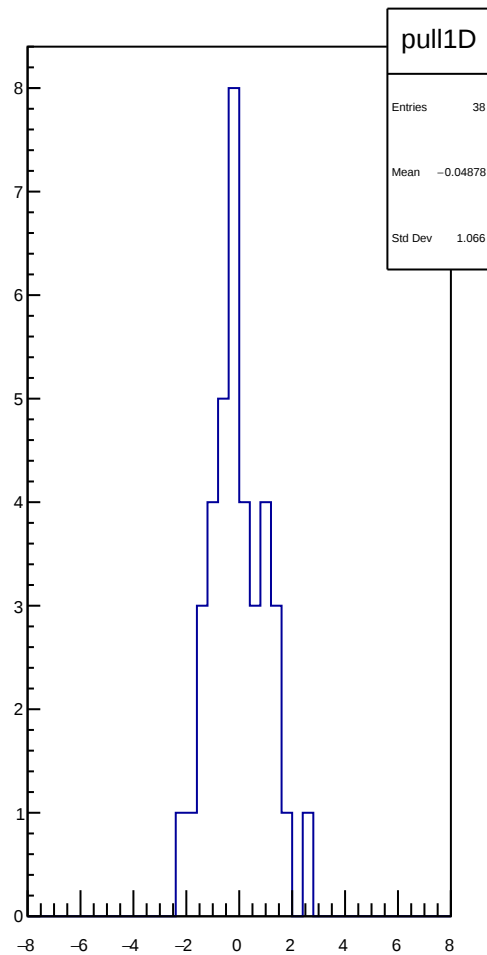
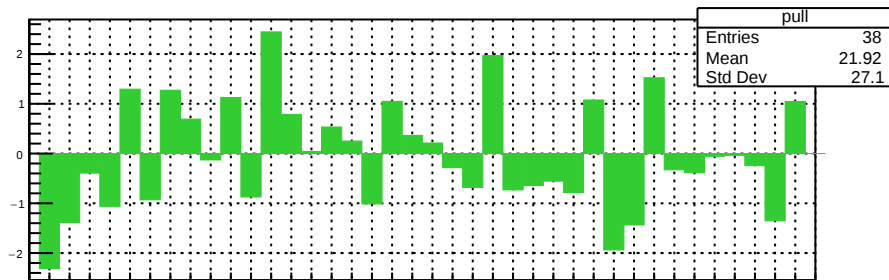
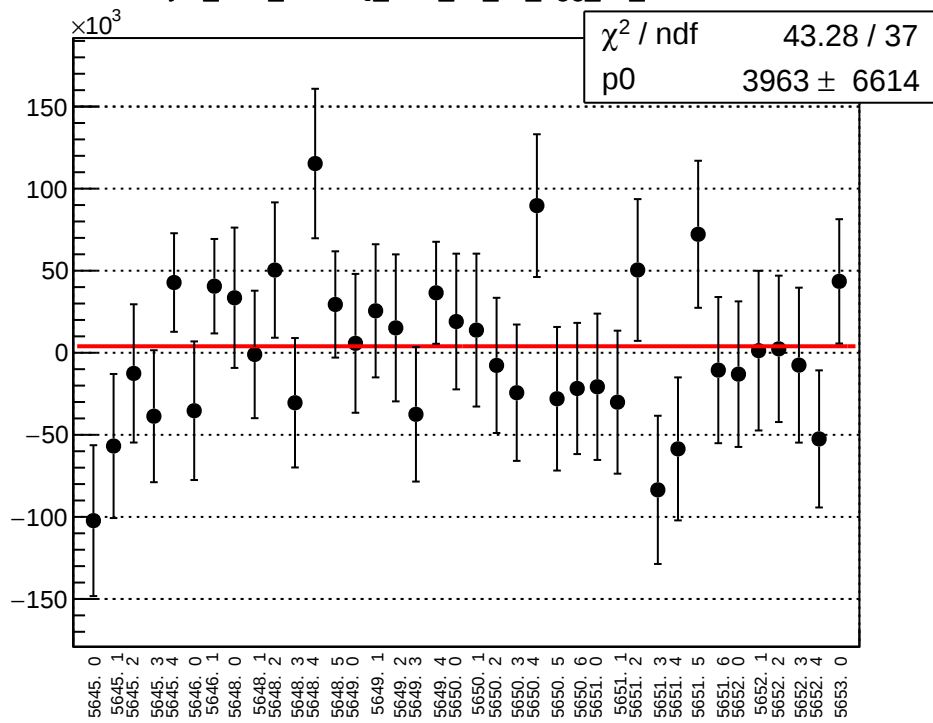
asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs run



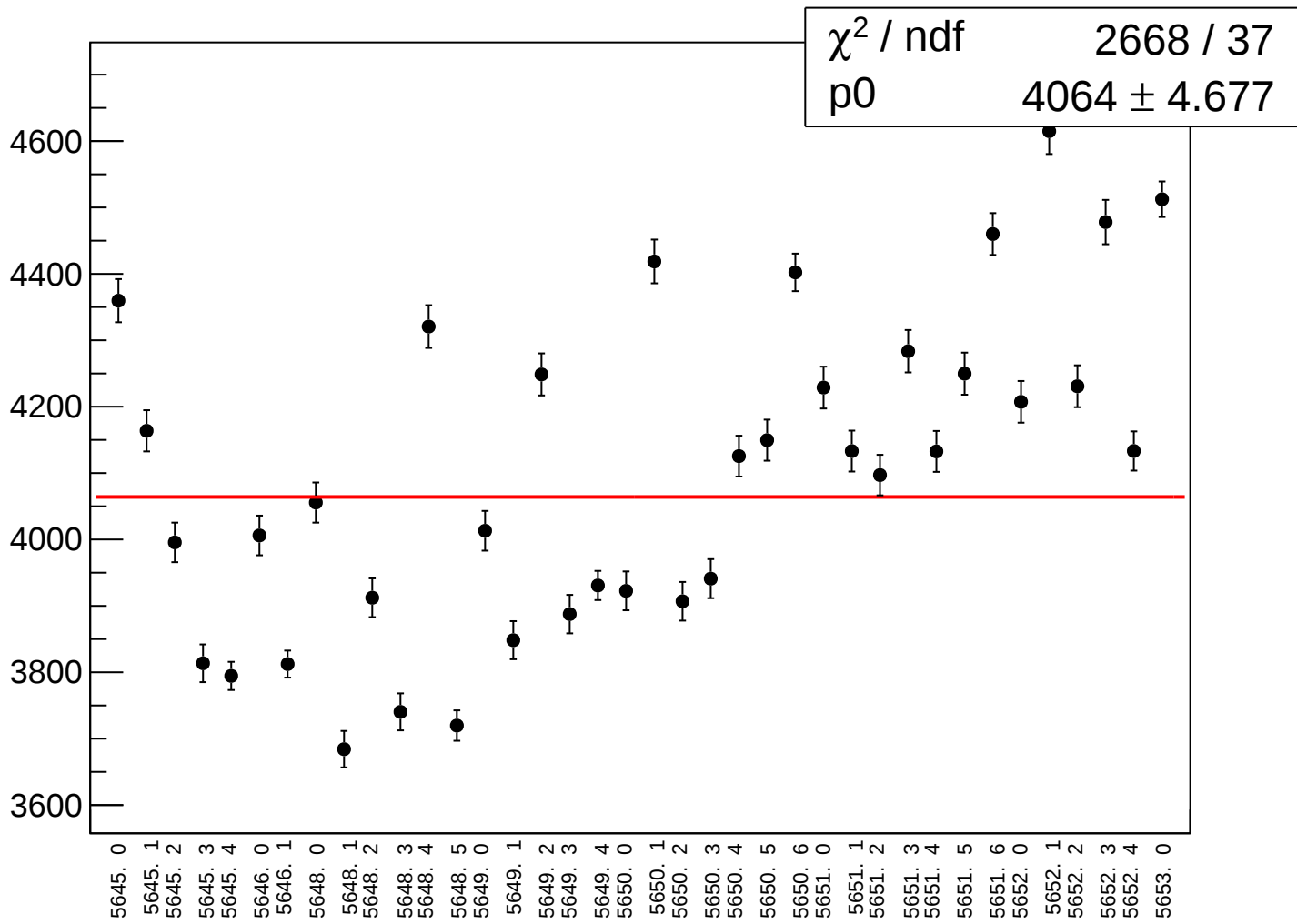
asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs run



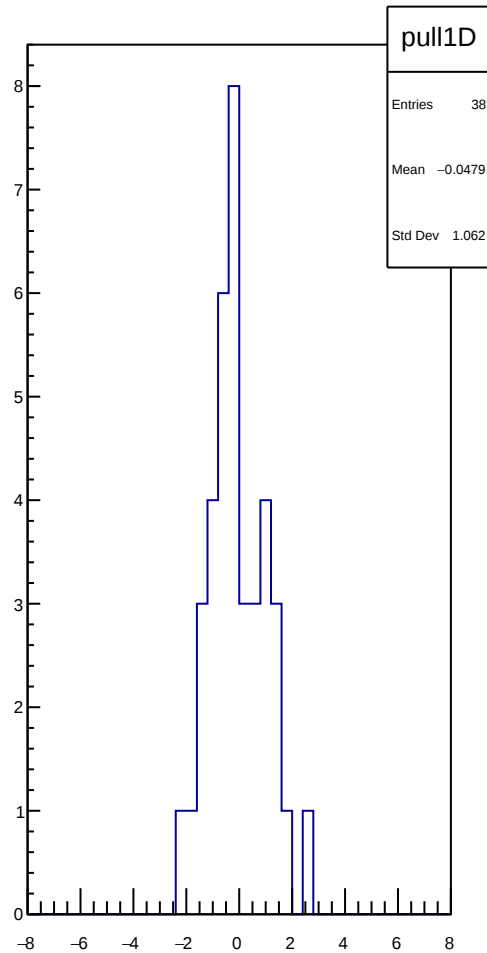
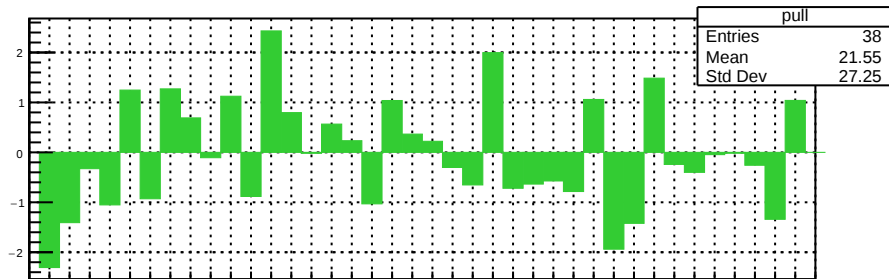
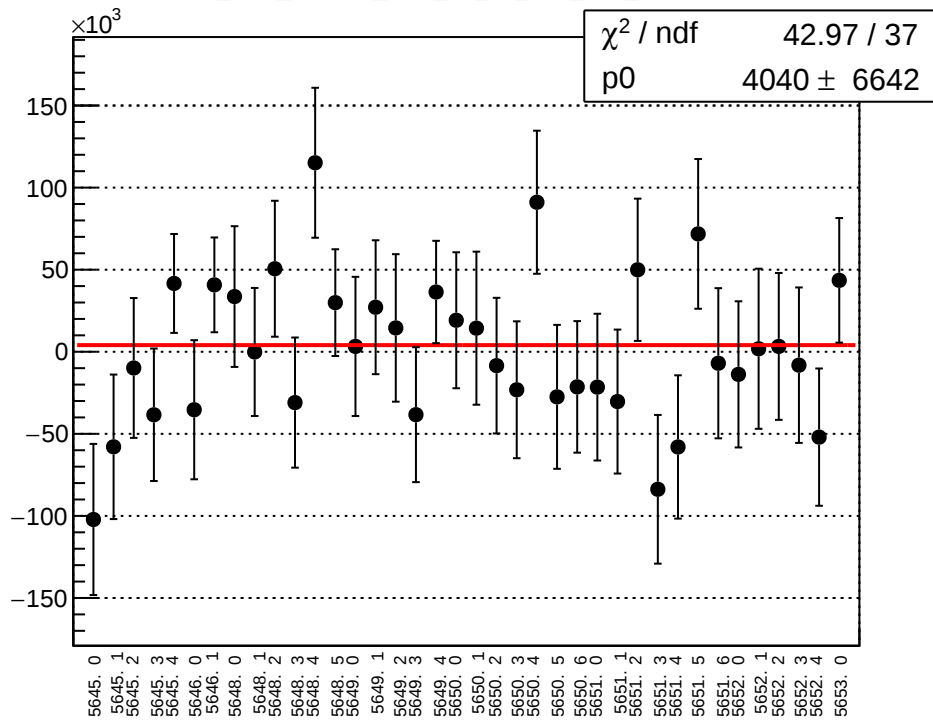
asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs run



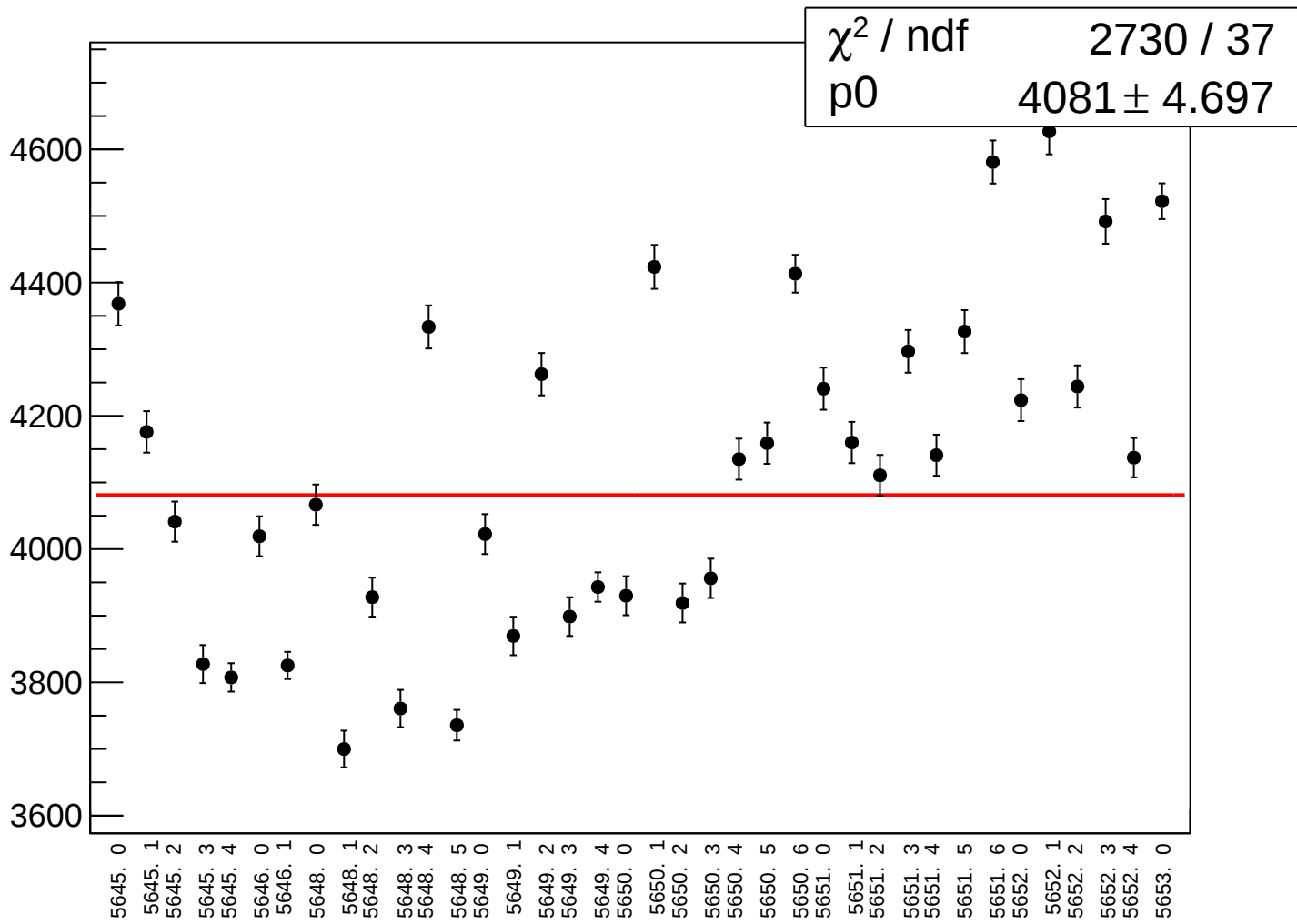
asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs run



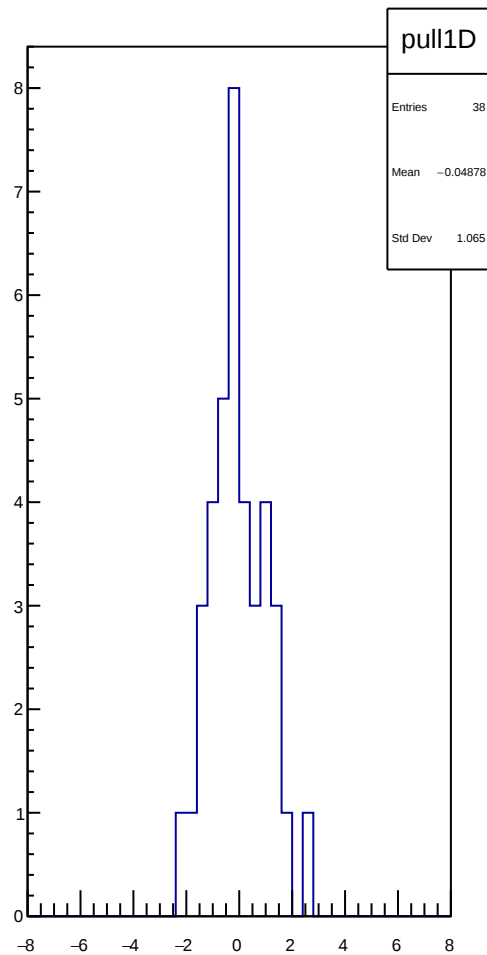
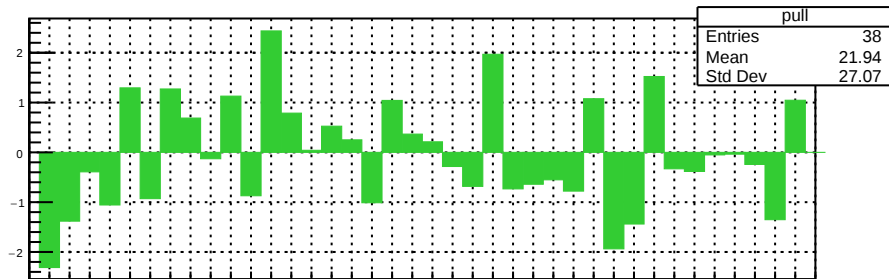
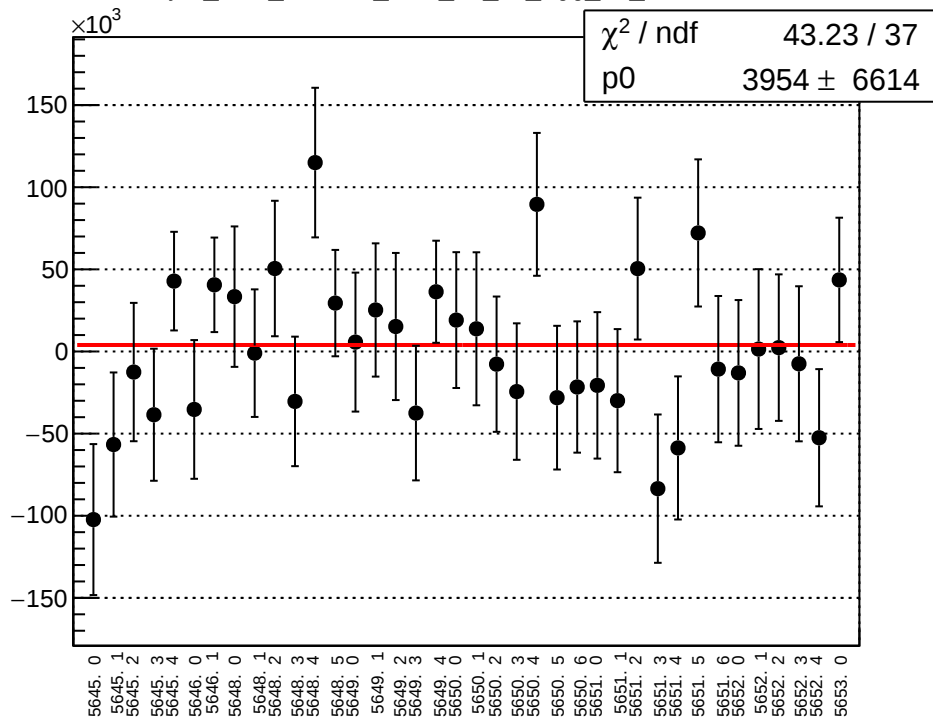
asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs run



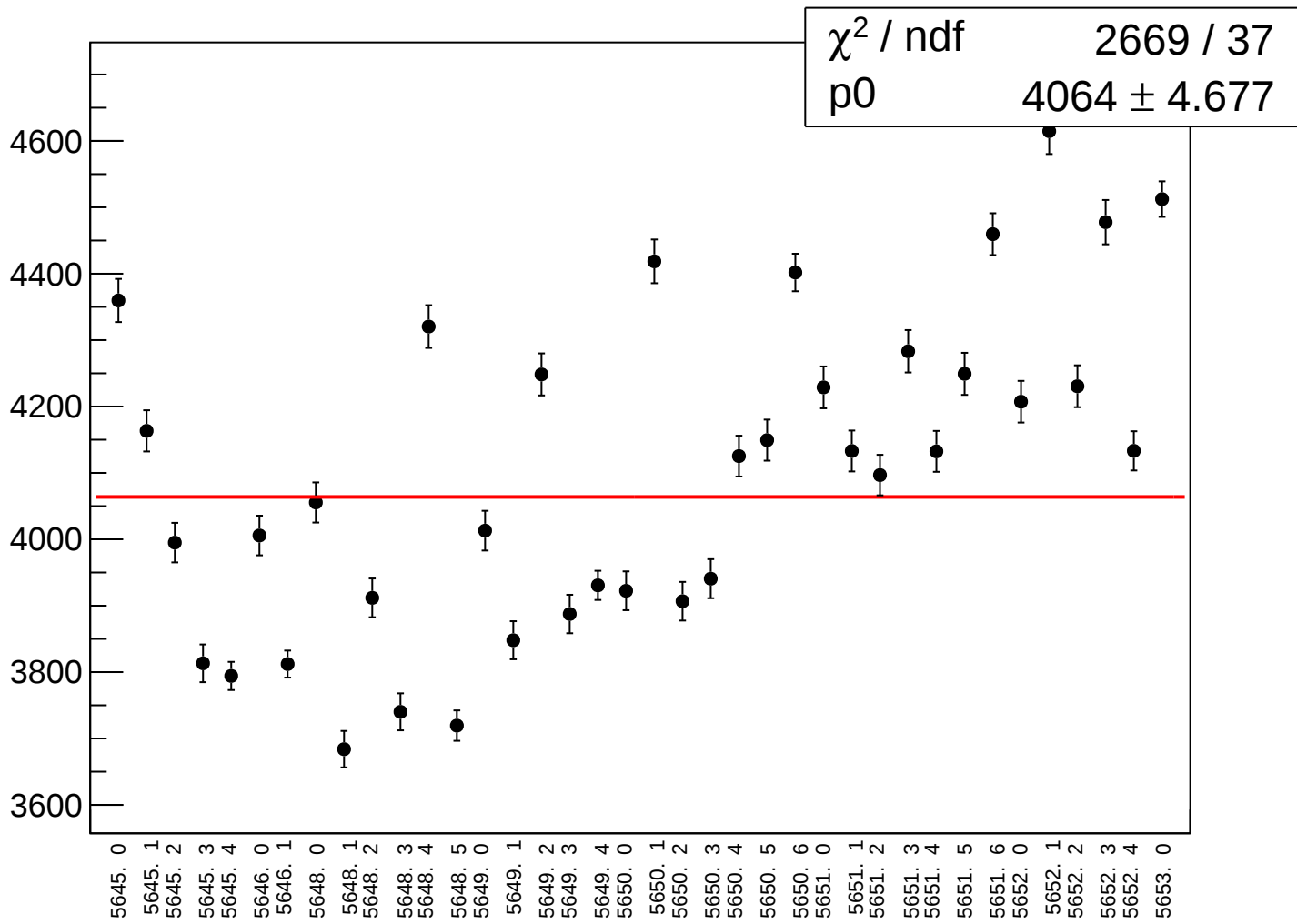
asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs run



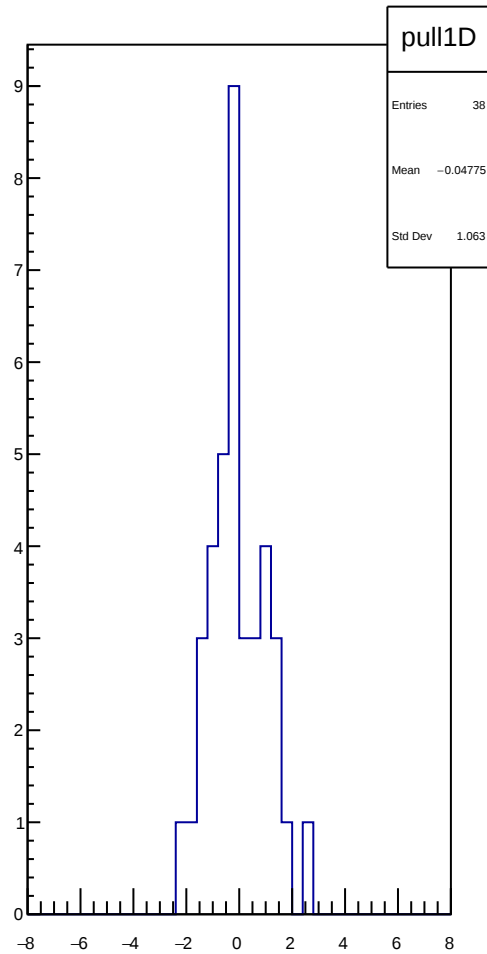
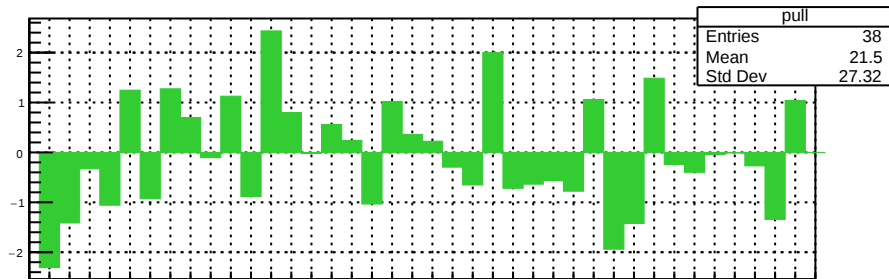
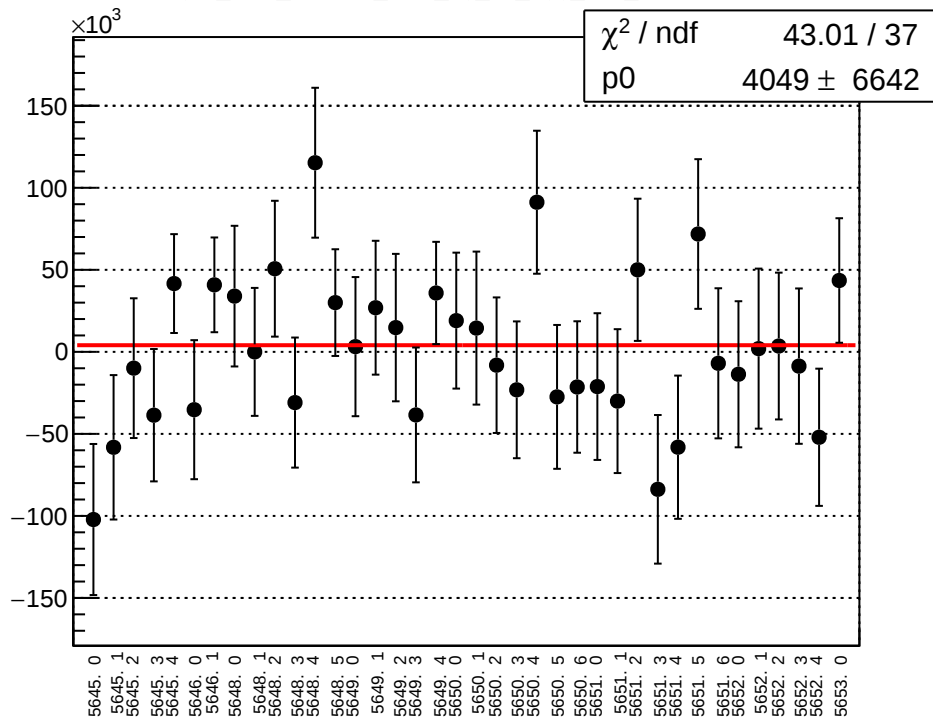
asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs run



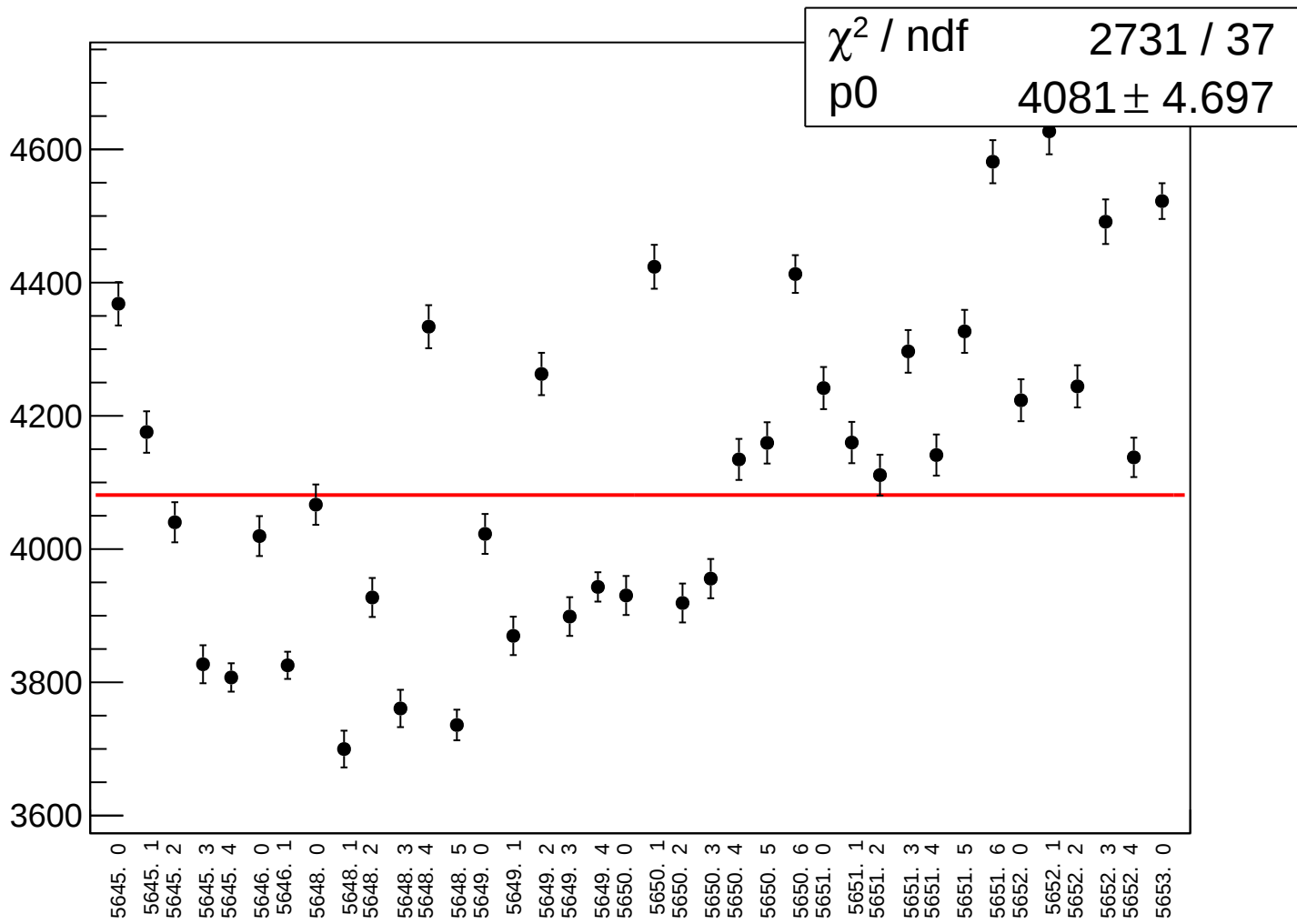
asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs run



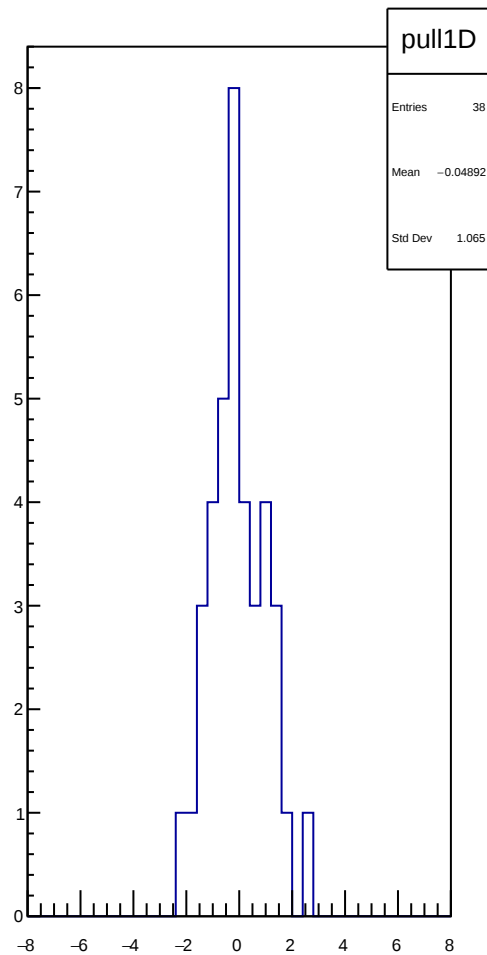
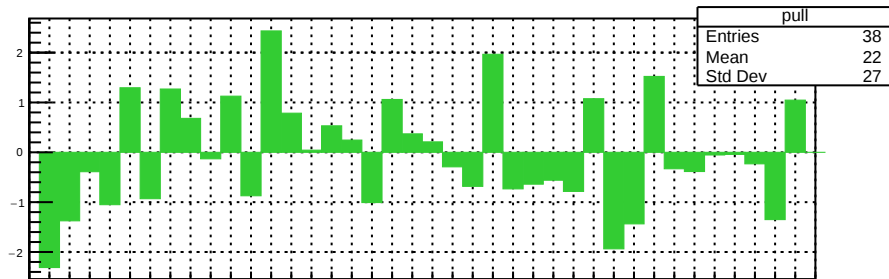
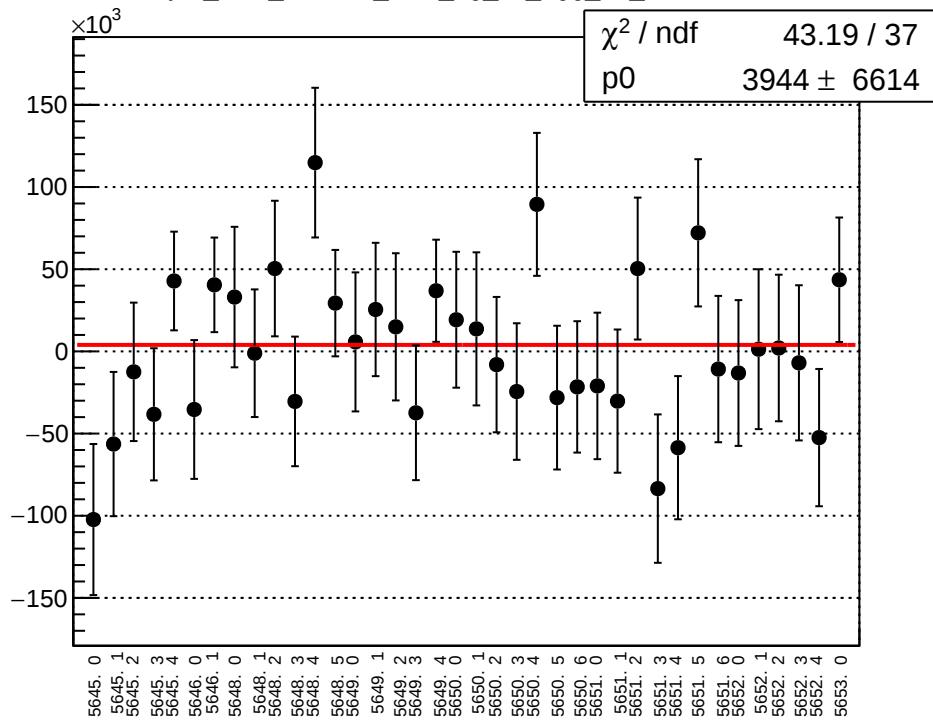
asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs run



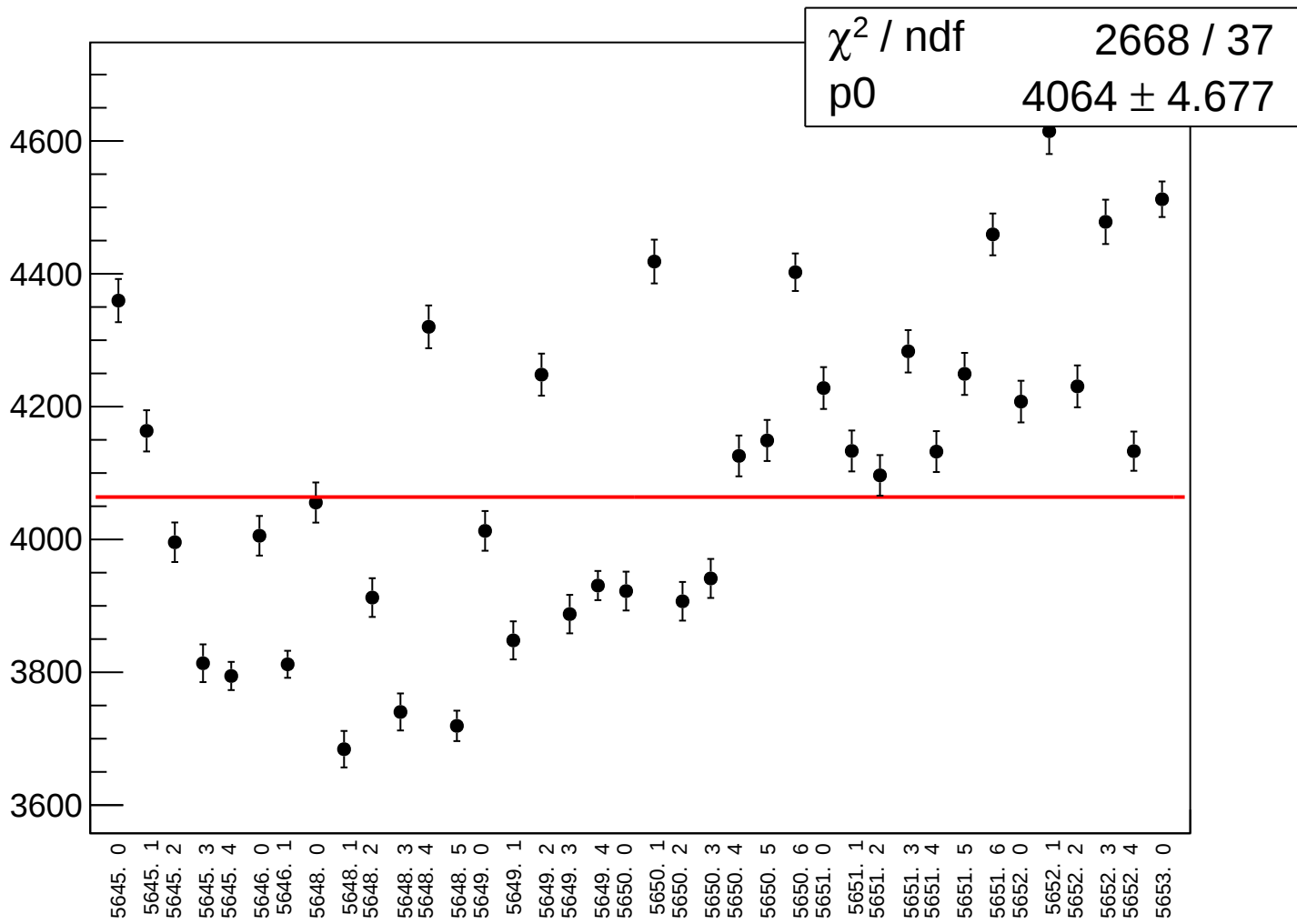
asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs run



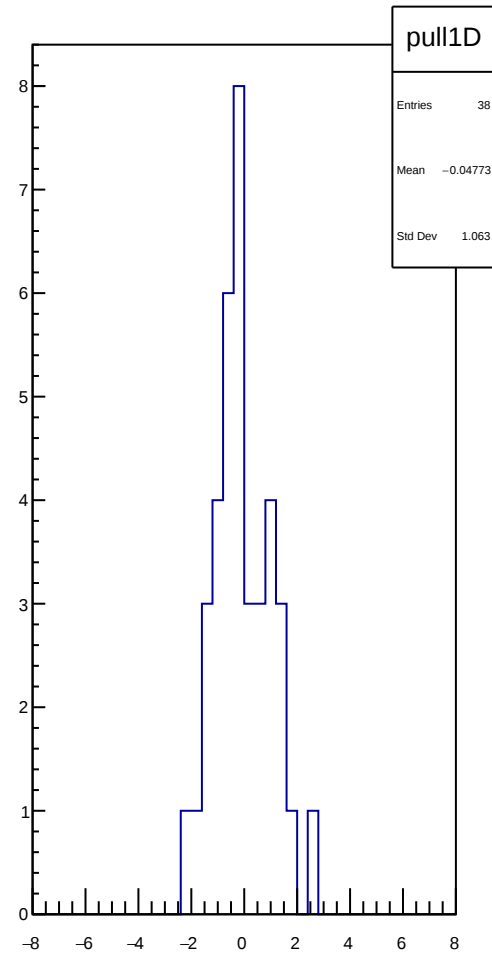
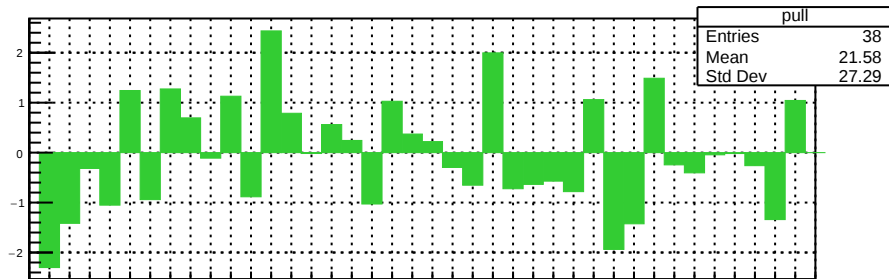
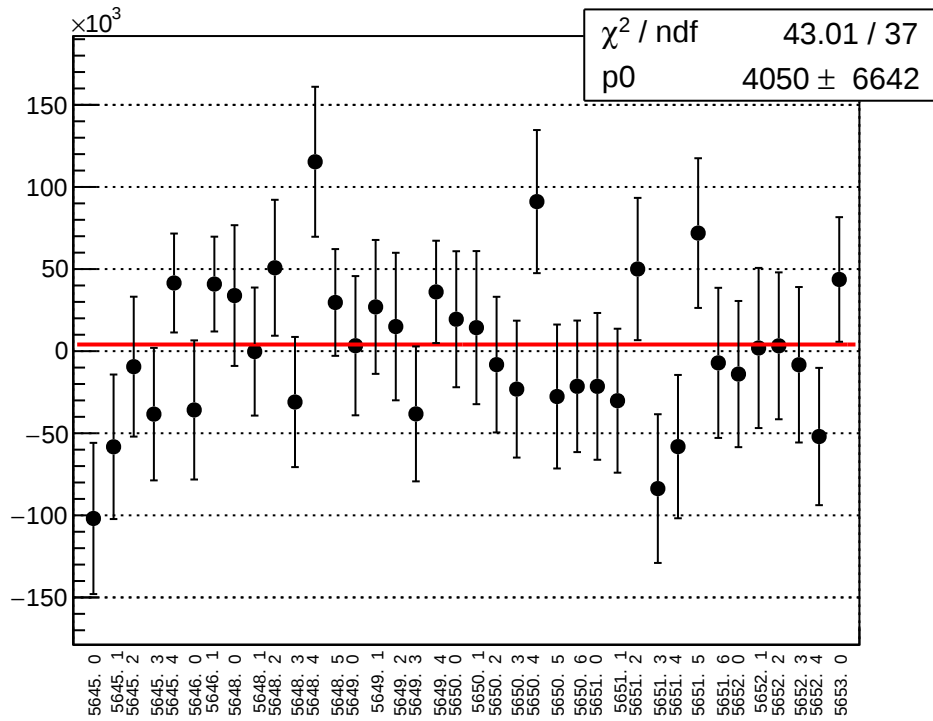
asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs run



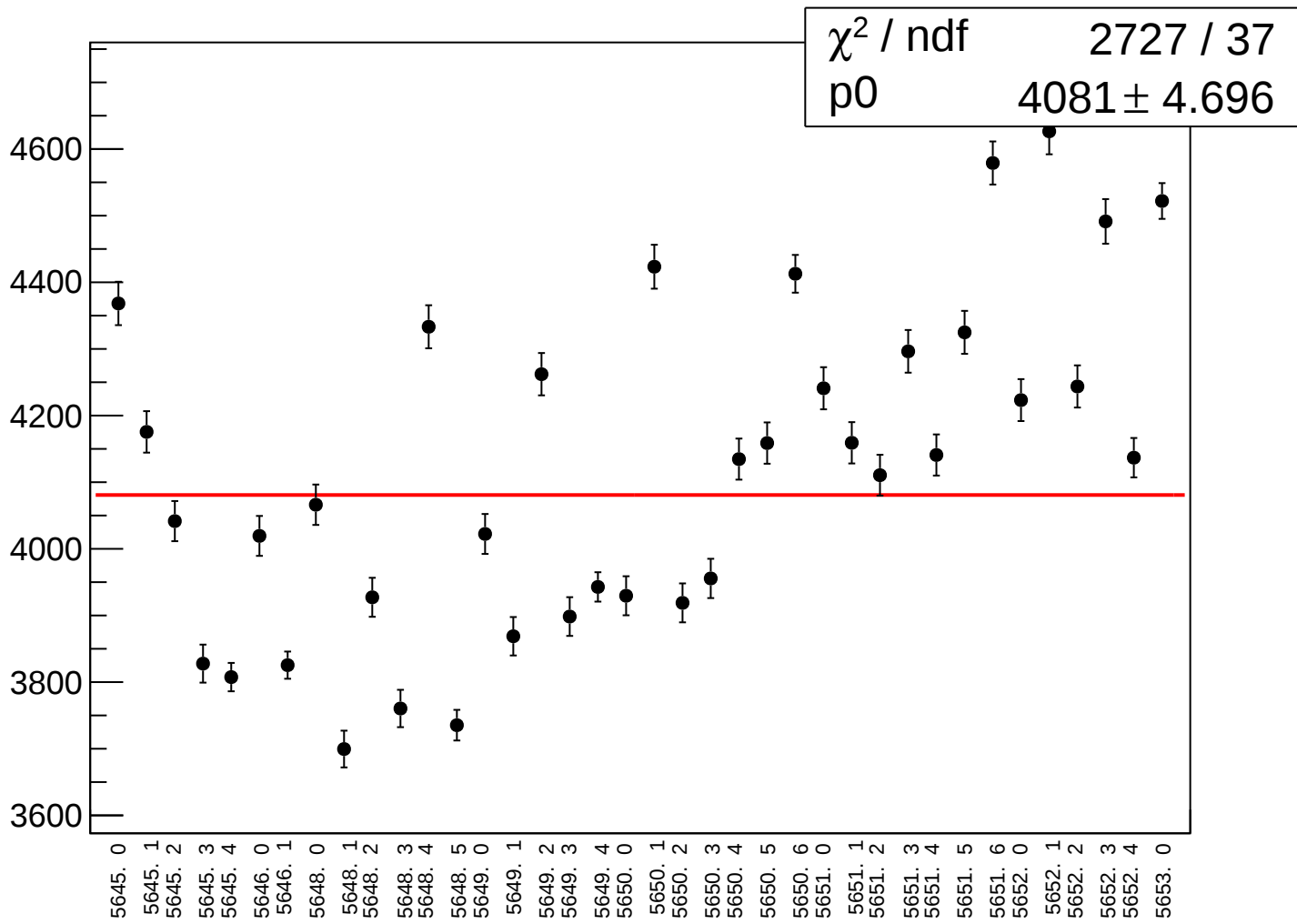
asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs run



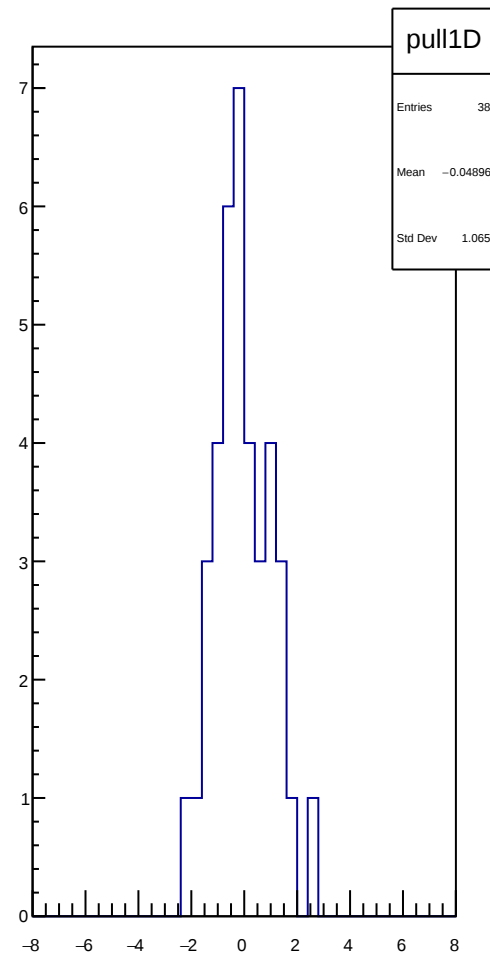
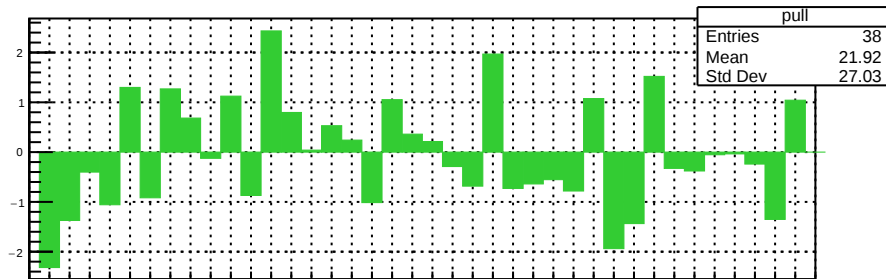
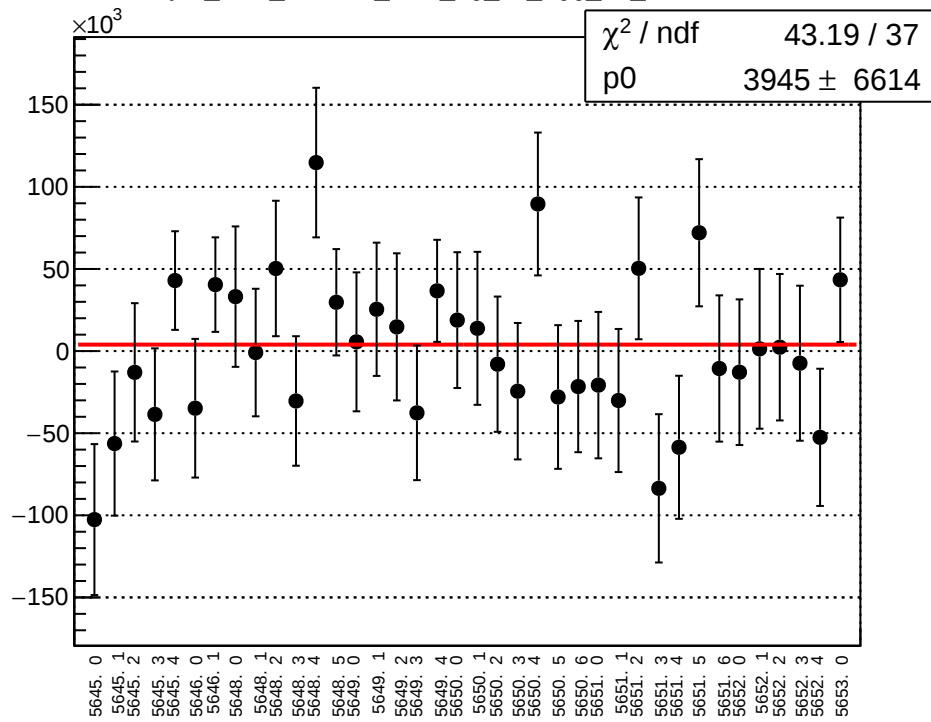
asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs run



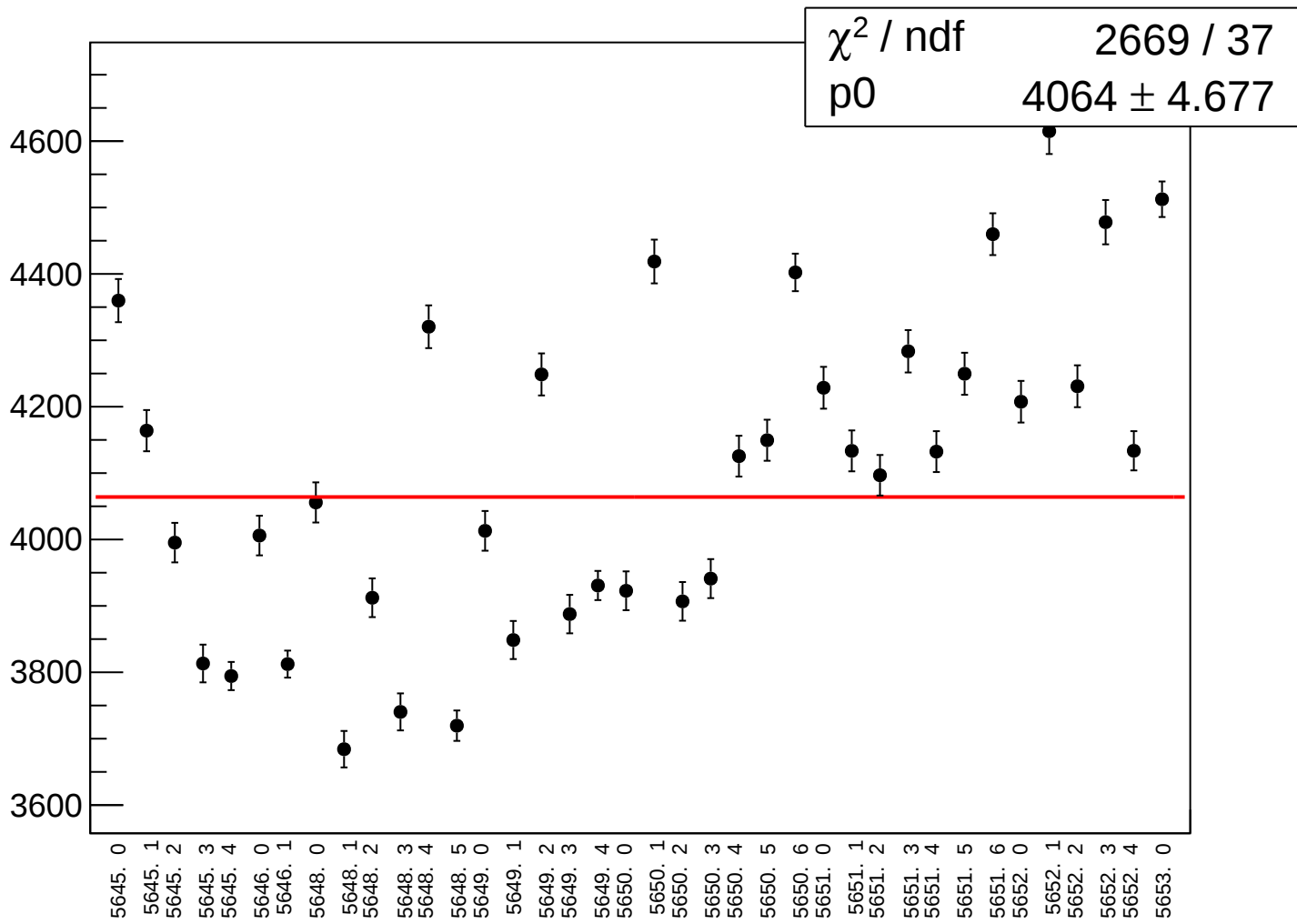
asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs run



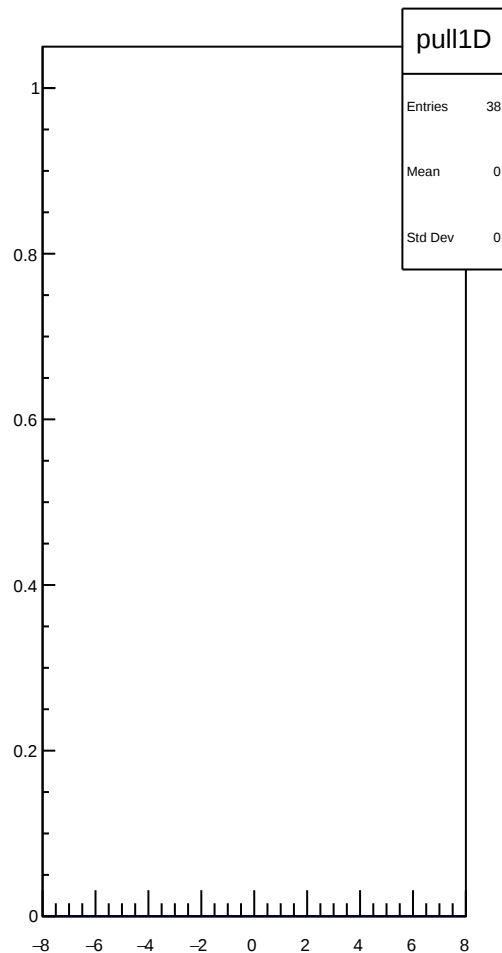
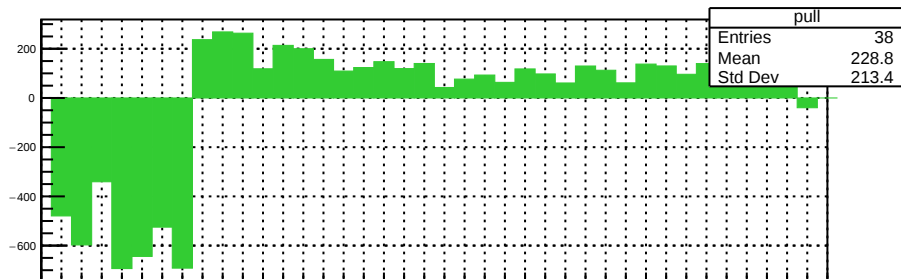
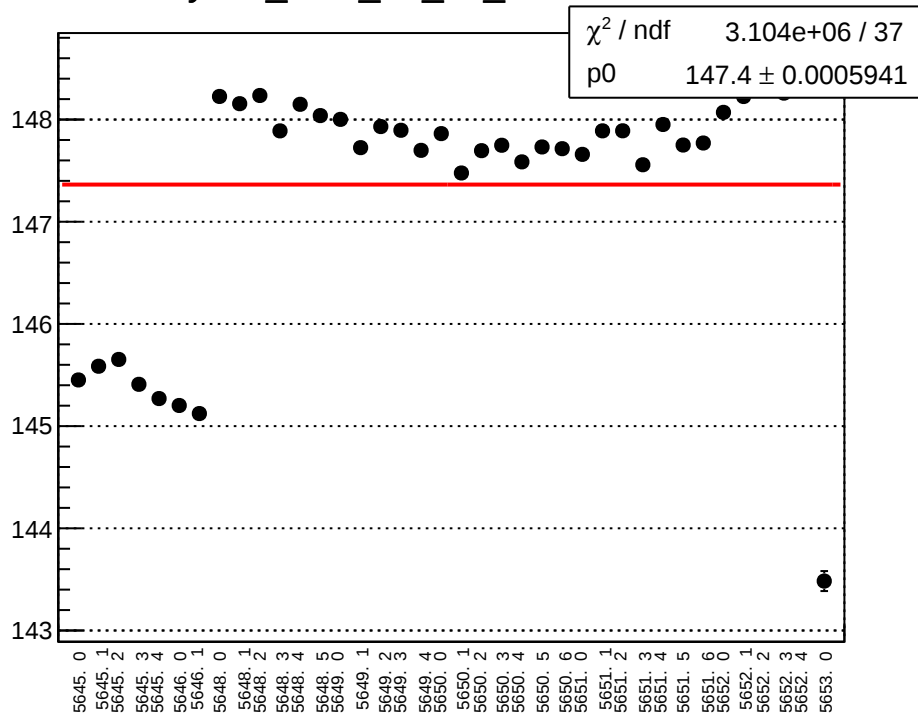
asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs run



asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs run

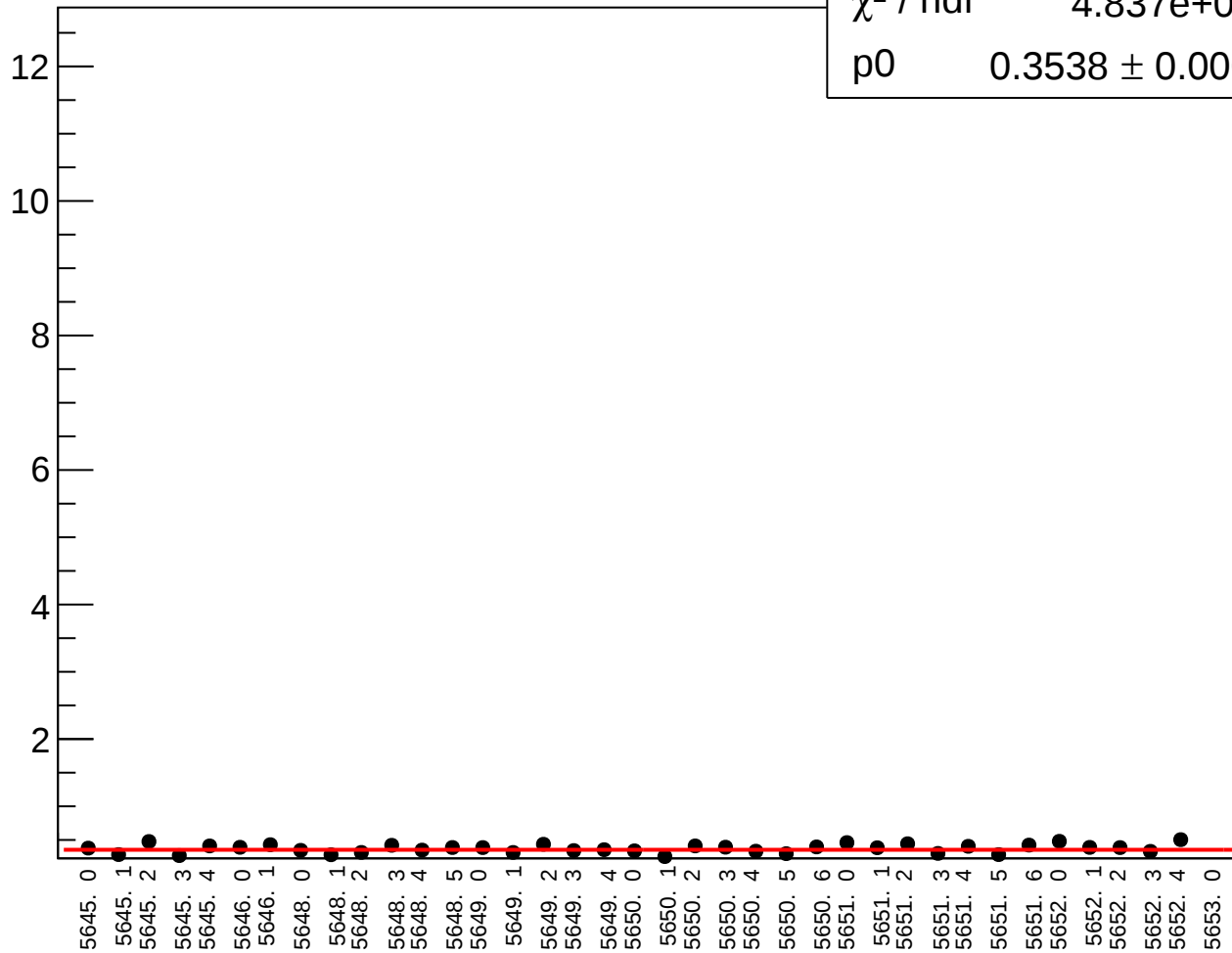


yield_bcm_an_ds_mean vs run

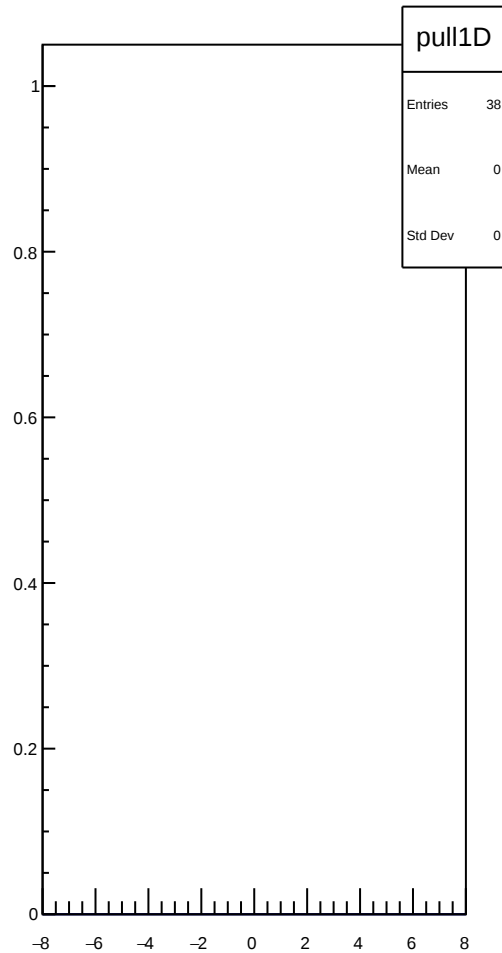
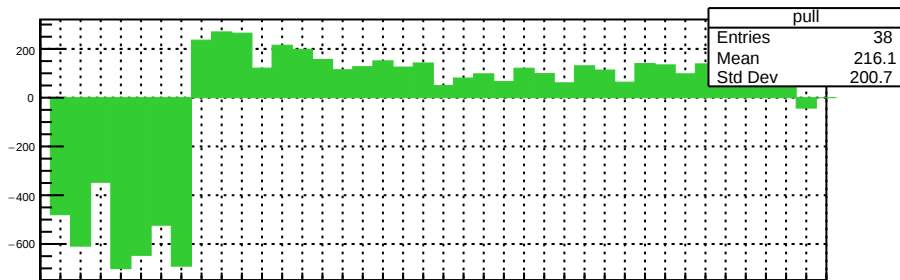
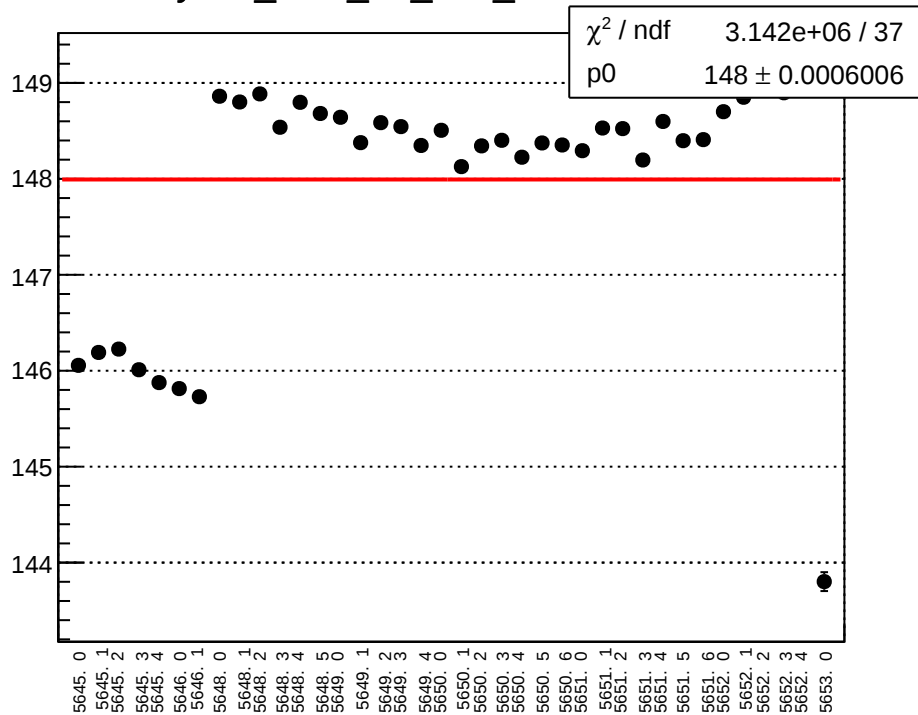


yield_bcm_an_ds_rms vs run

χ^2 / ndf 4.837e+04 / 37
p0 0.3538 ± 0.0004201



yield_bcm_an_ds3_mean vs run



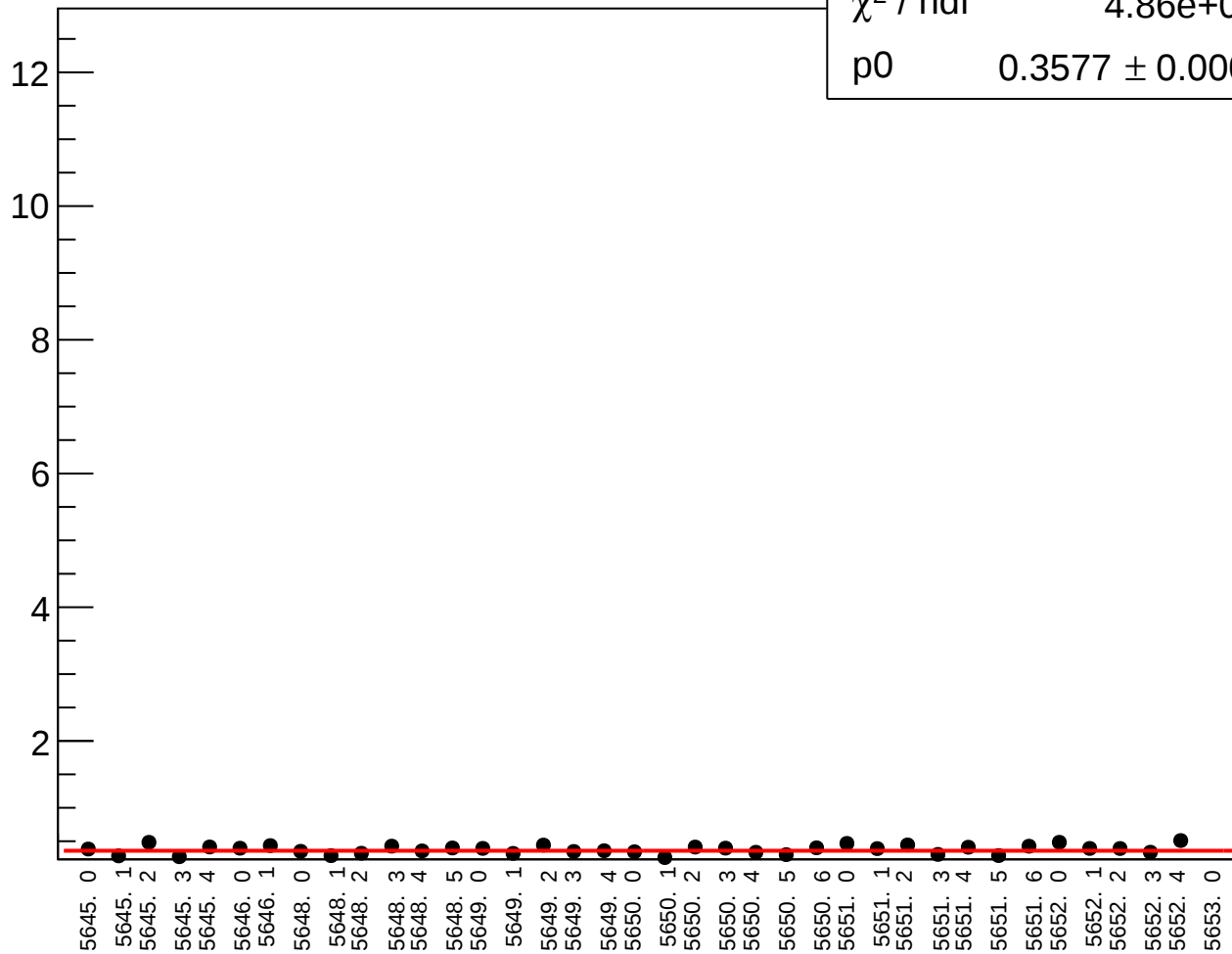
yield_bcm_an_ds3_rms vs run

χ^2 / ndf

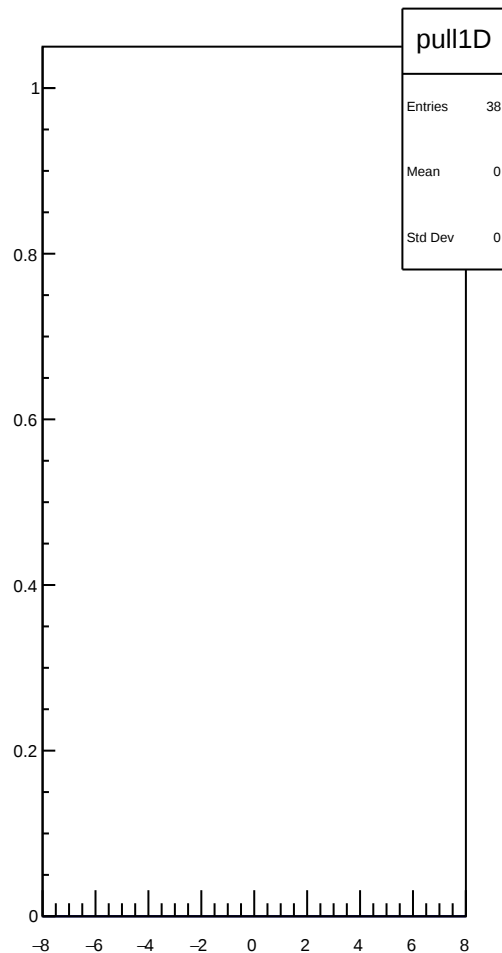
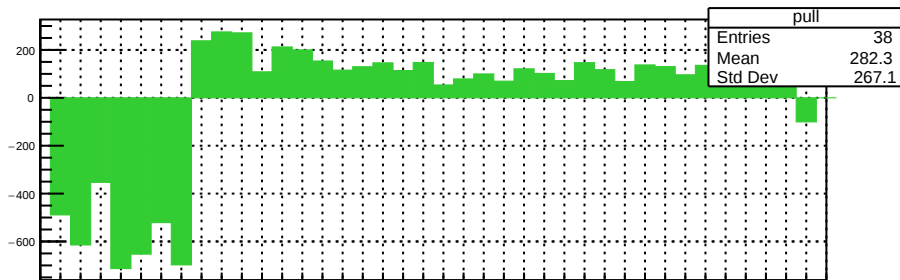
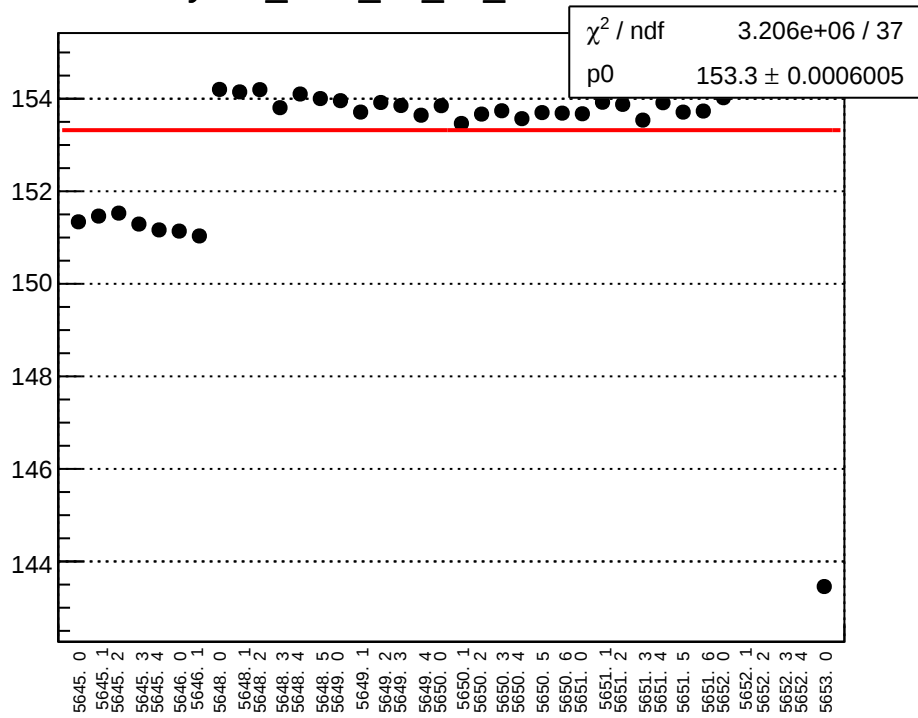
4.86e+04 / 37

p0

0.3577 ± 0.0004247



yield_bcm_an_us_mean vs run



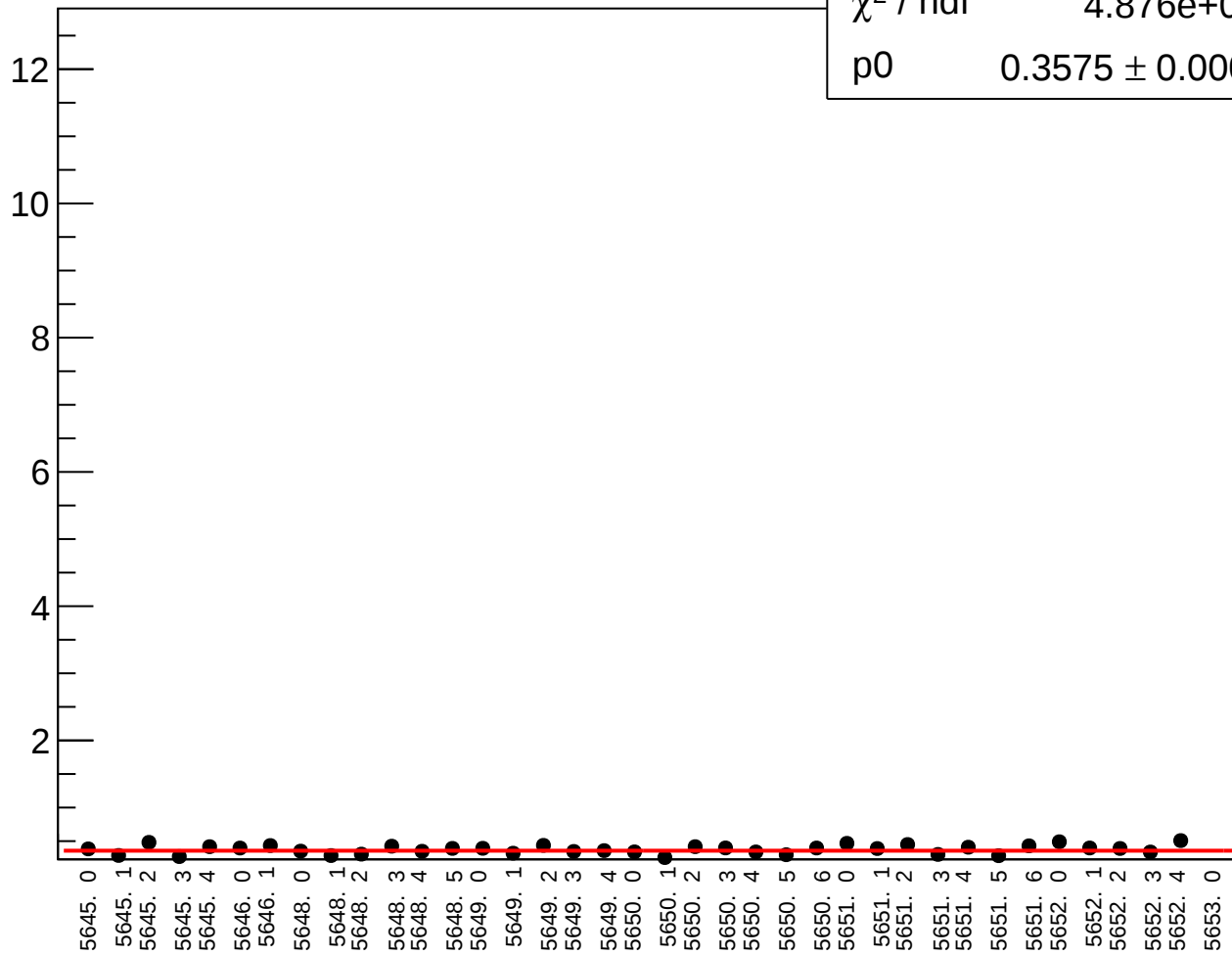
yield_bcm_an_us_rms vs run

χ^2 / ndf

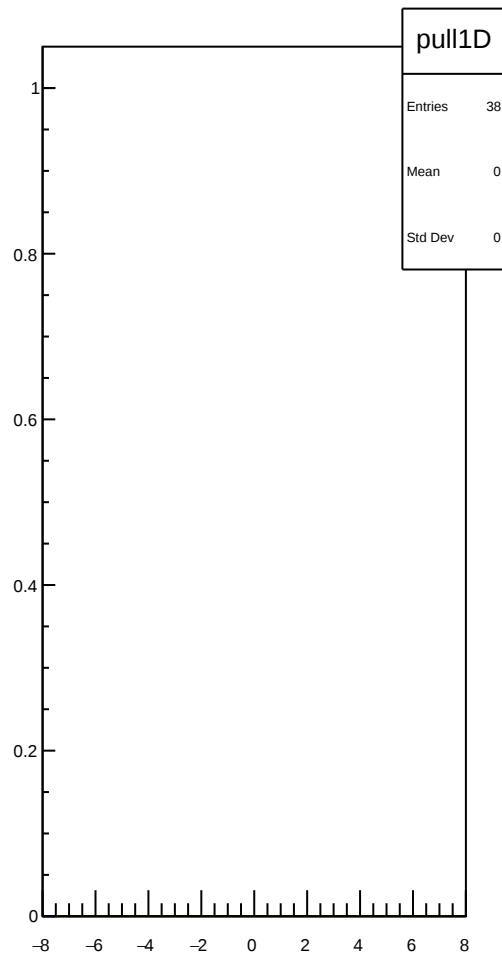
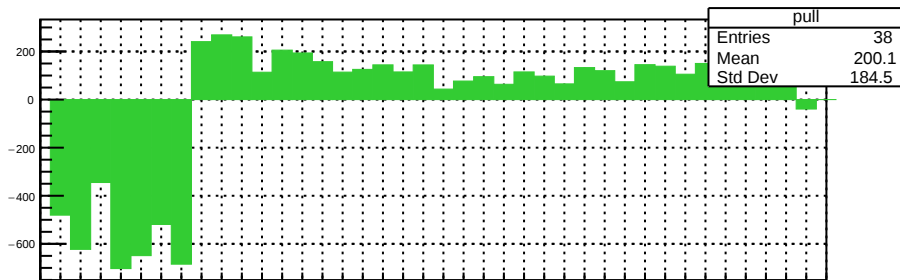
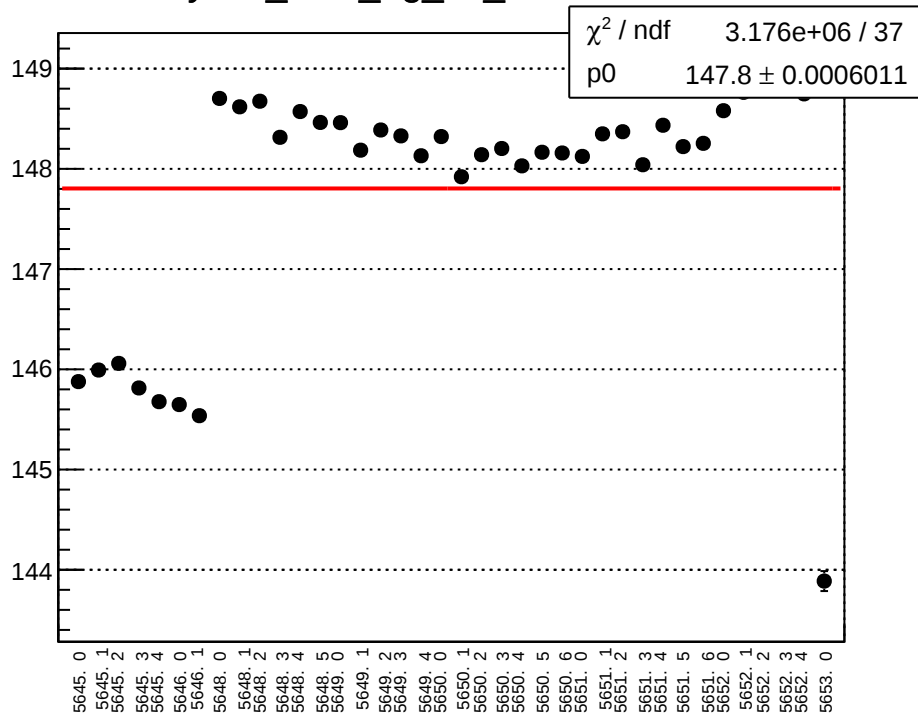
4.876e+04 / 37

p0

0.3575 ± 0.0004246



yield_bcm_dg_us_mean vs run



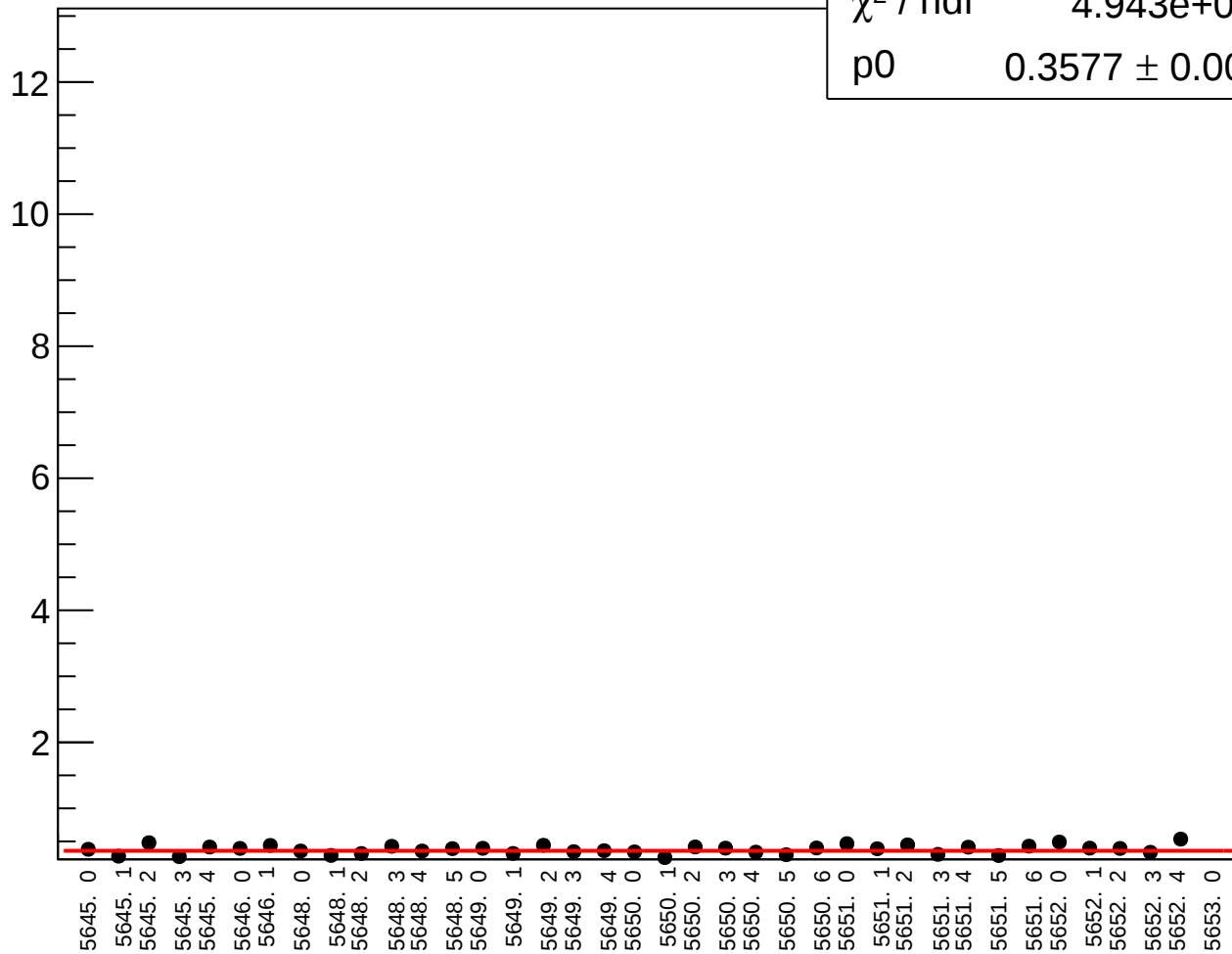
yield_bcm_dg_us_rms vs run

χ^2 / ndf

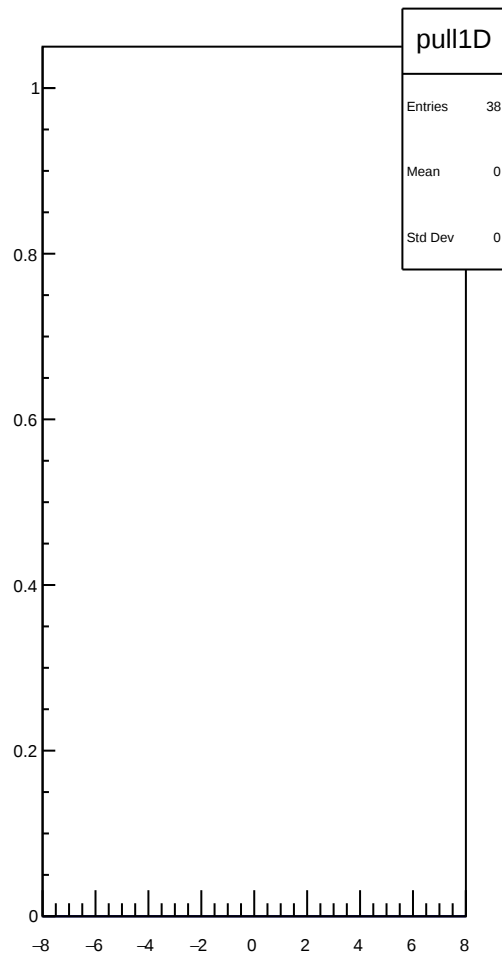
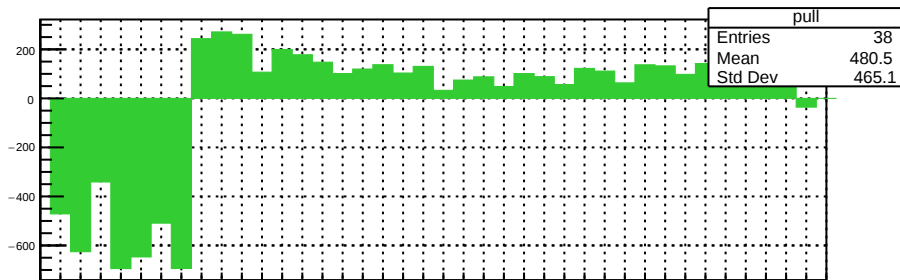
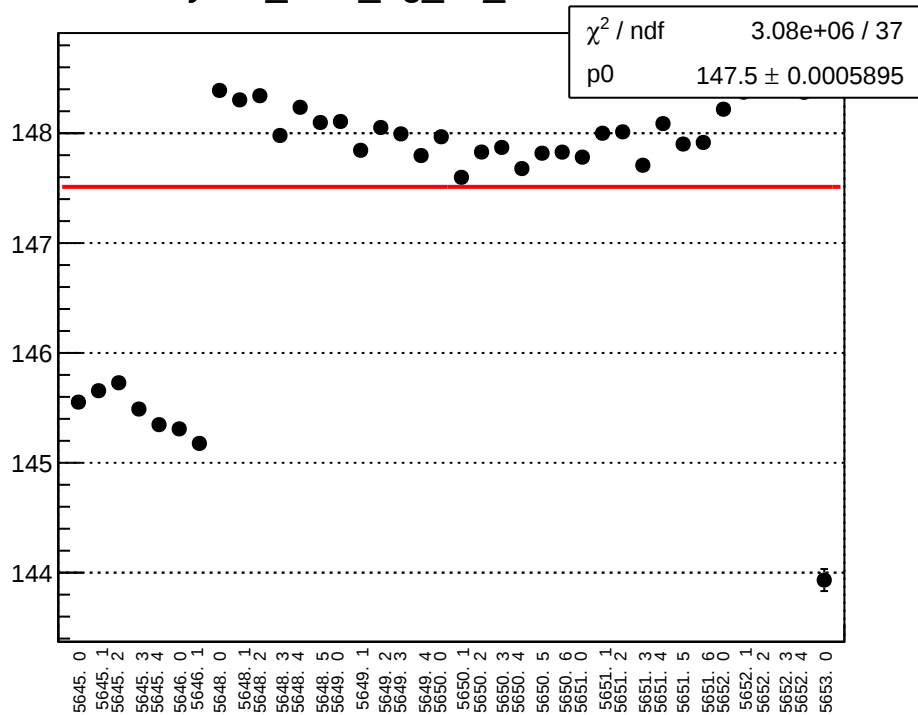
4.943e+04 / 37

p0

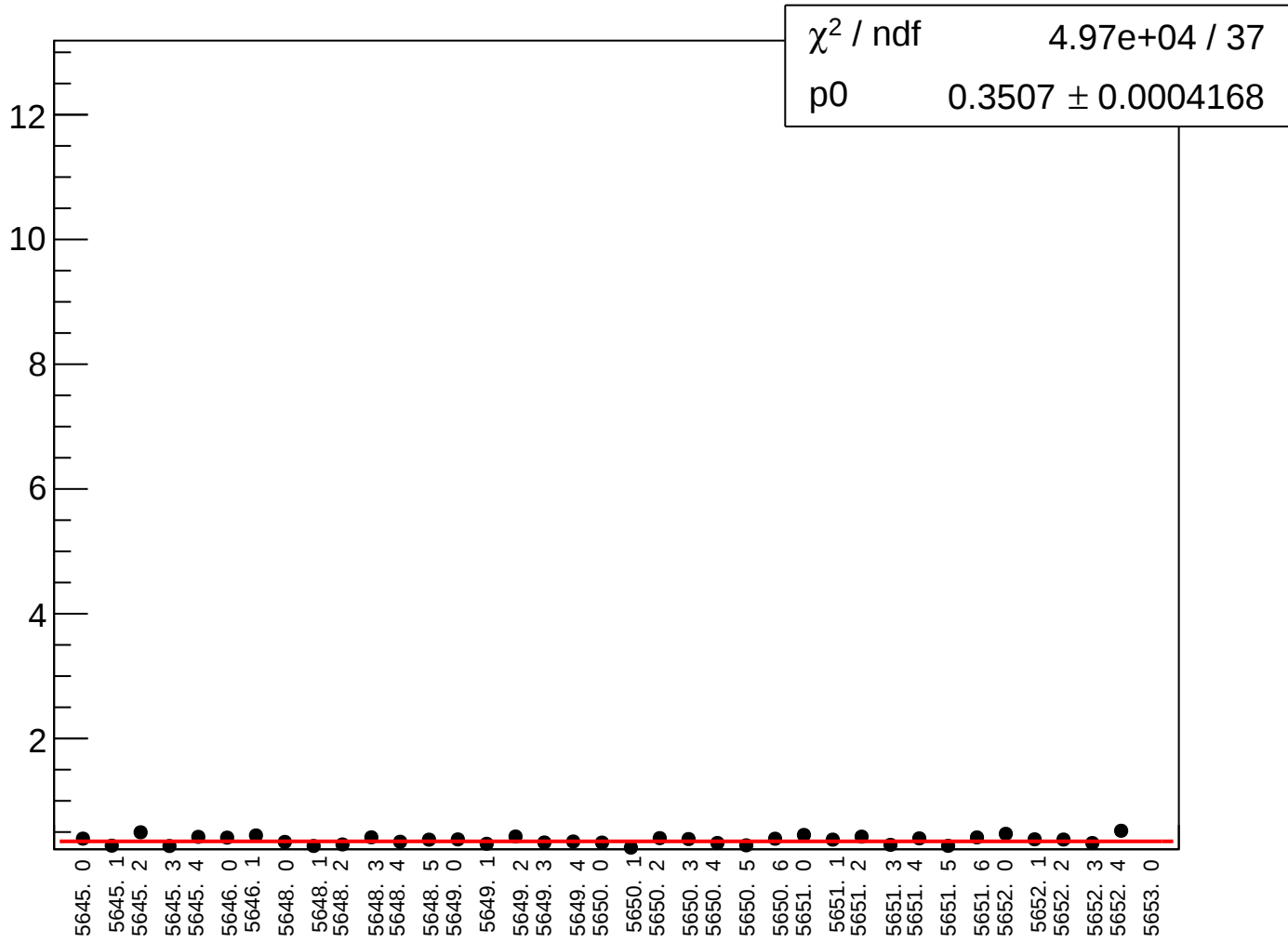
0.3577 ± 0.000425



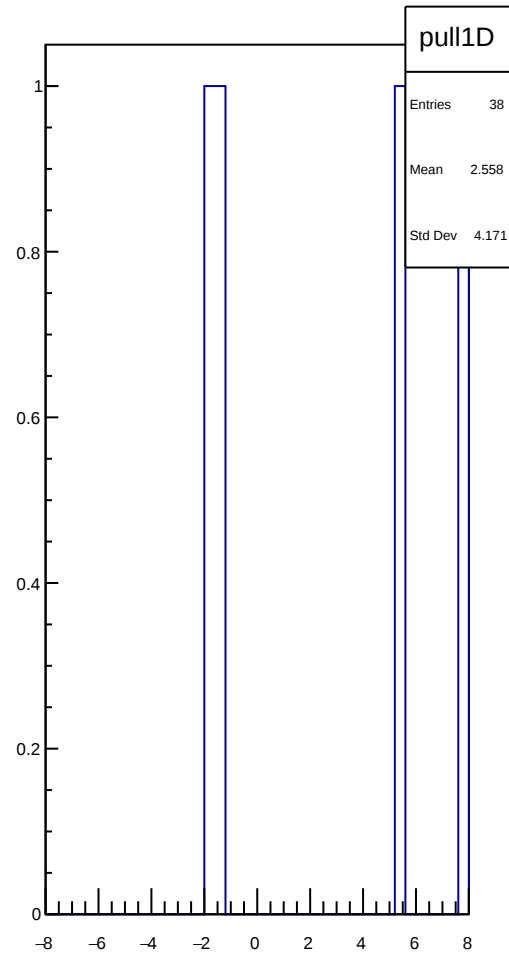
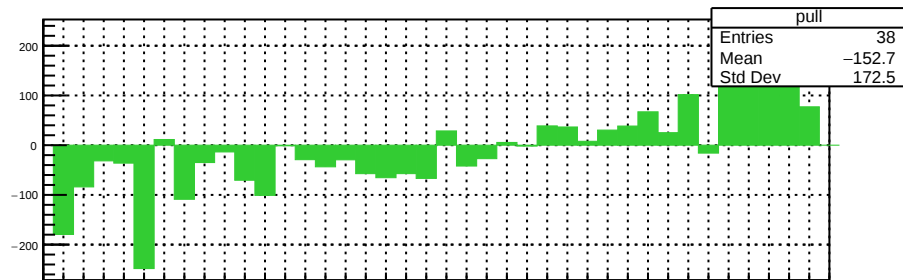
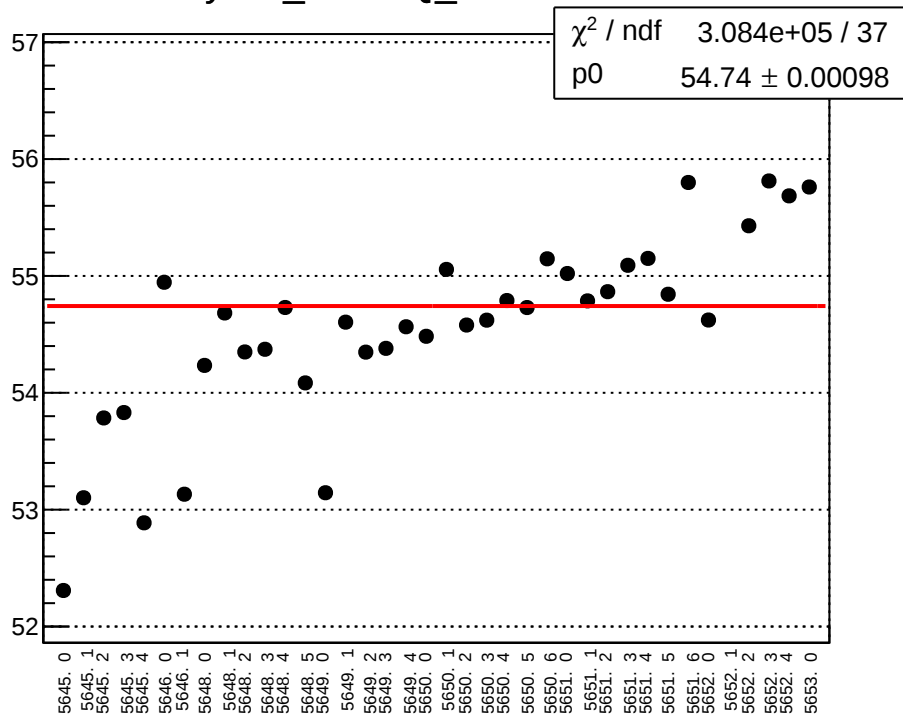
yield_bcm_dg_ds_mean vs run



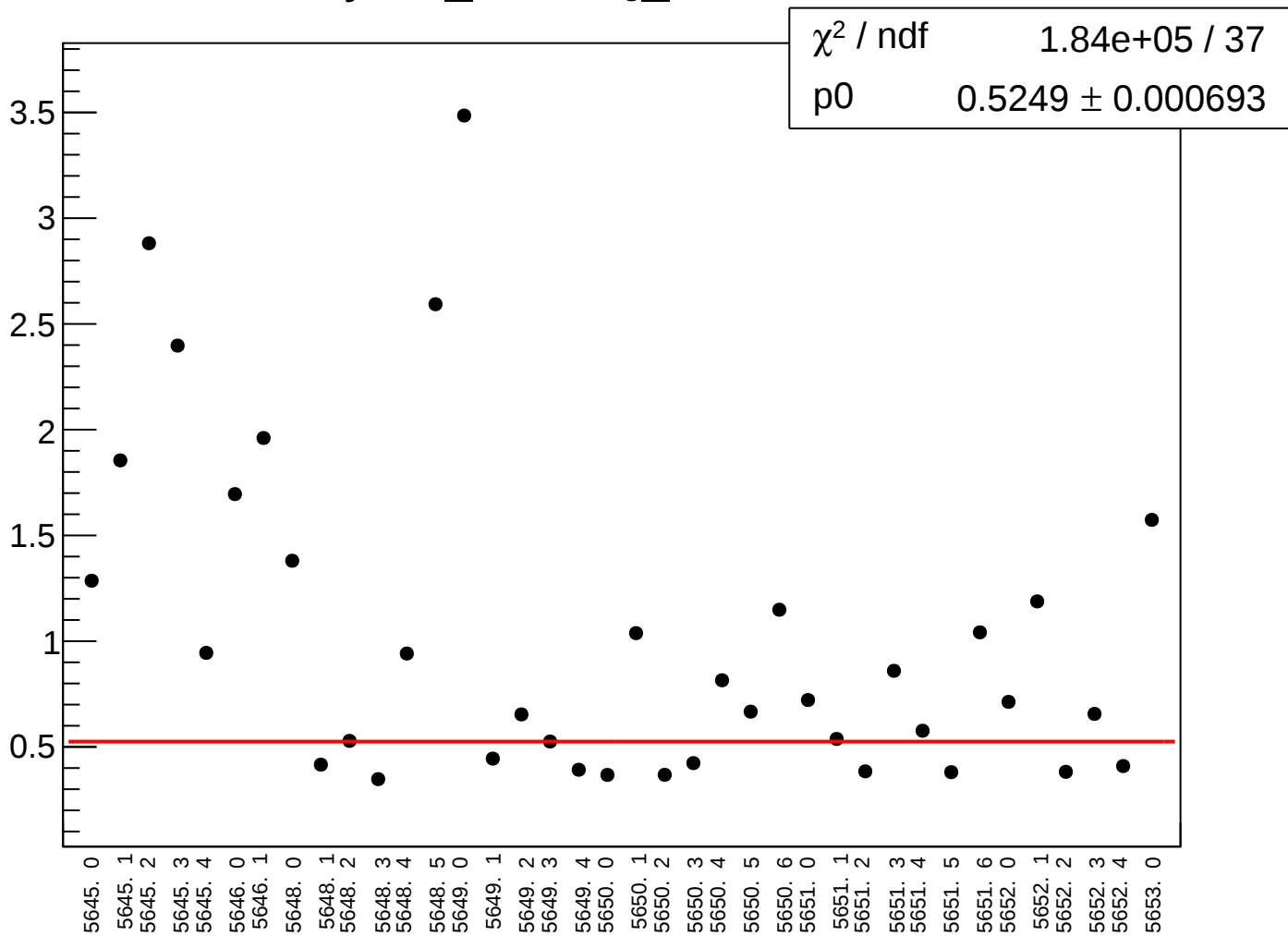
yield_bcm_dg_ds_rms vs run



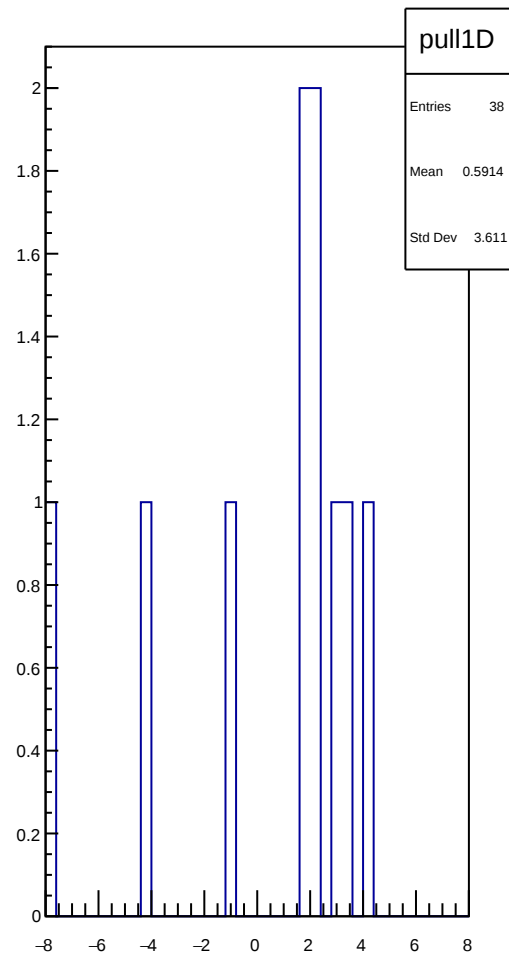
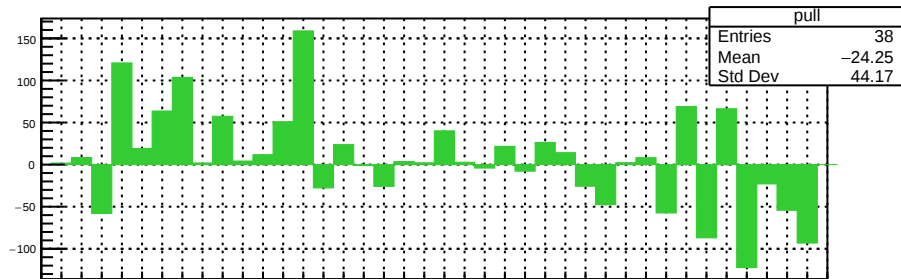
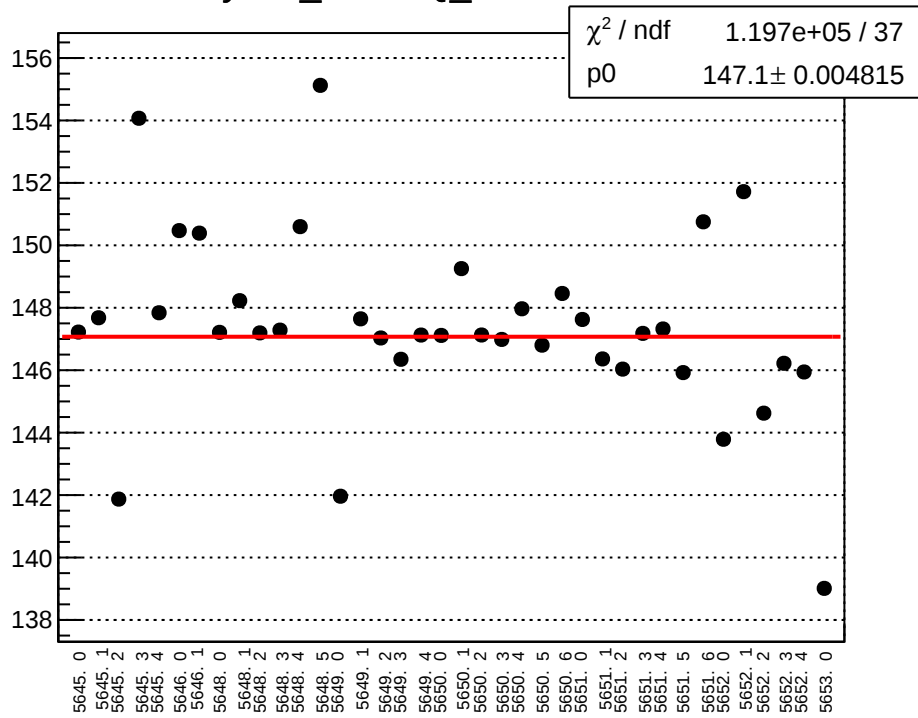
yield_cav4bQ_mean vs run



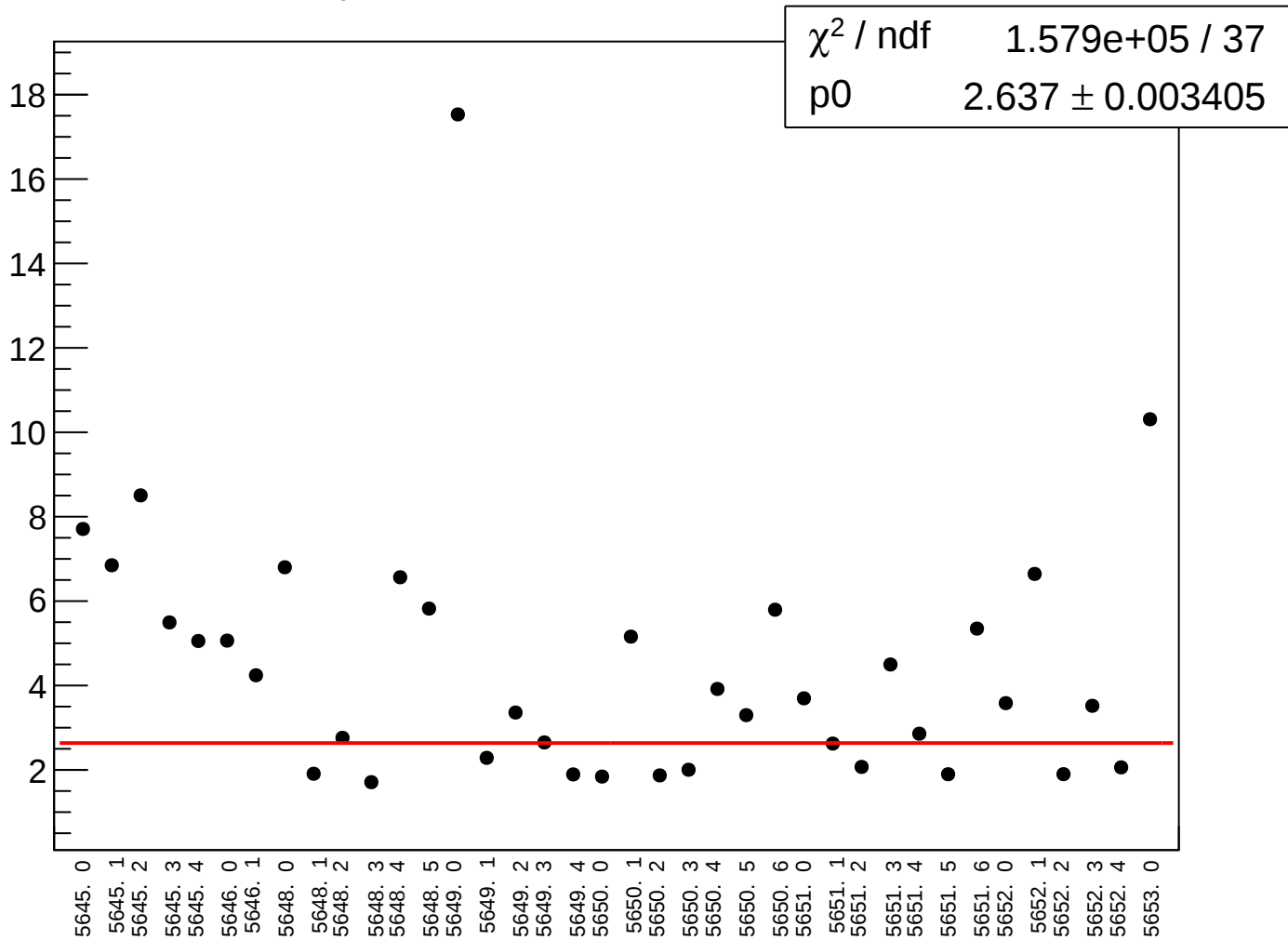
yield_cav4bQ_rms vs run



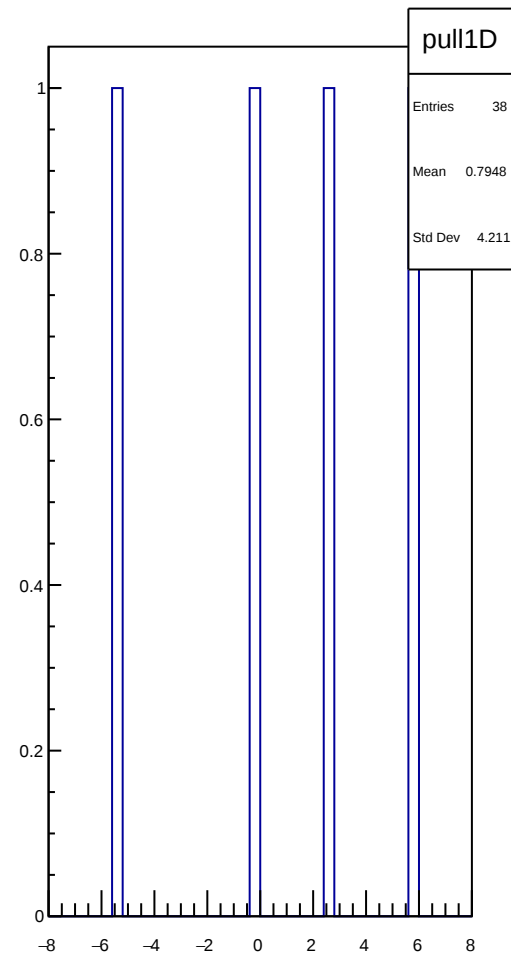
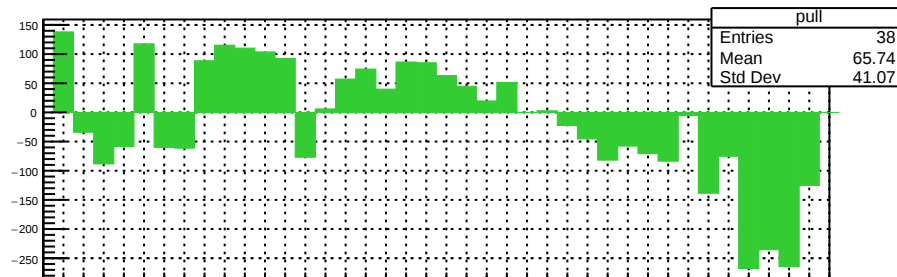
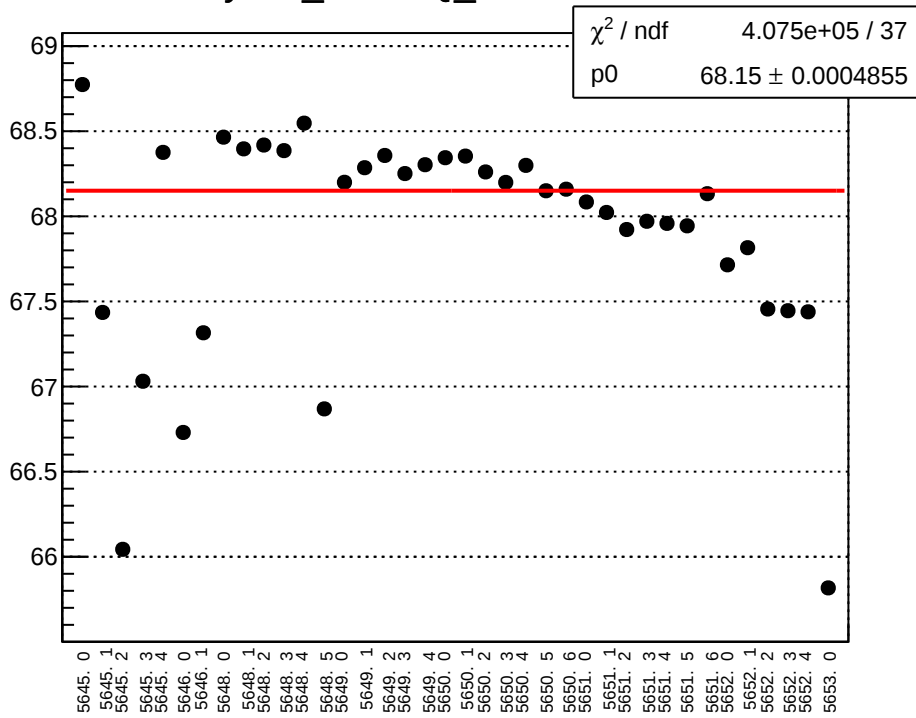
yield_cav4cQ_mean vs run



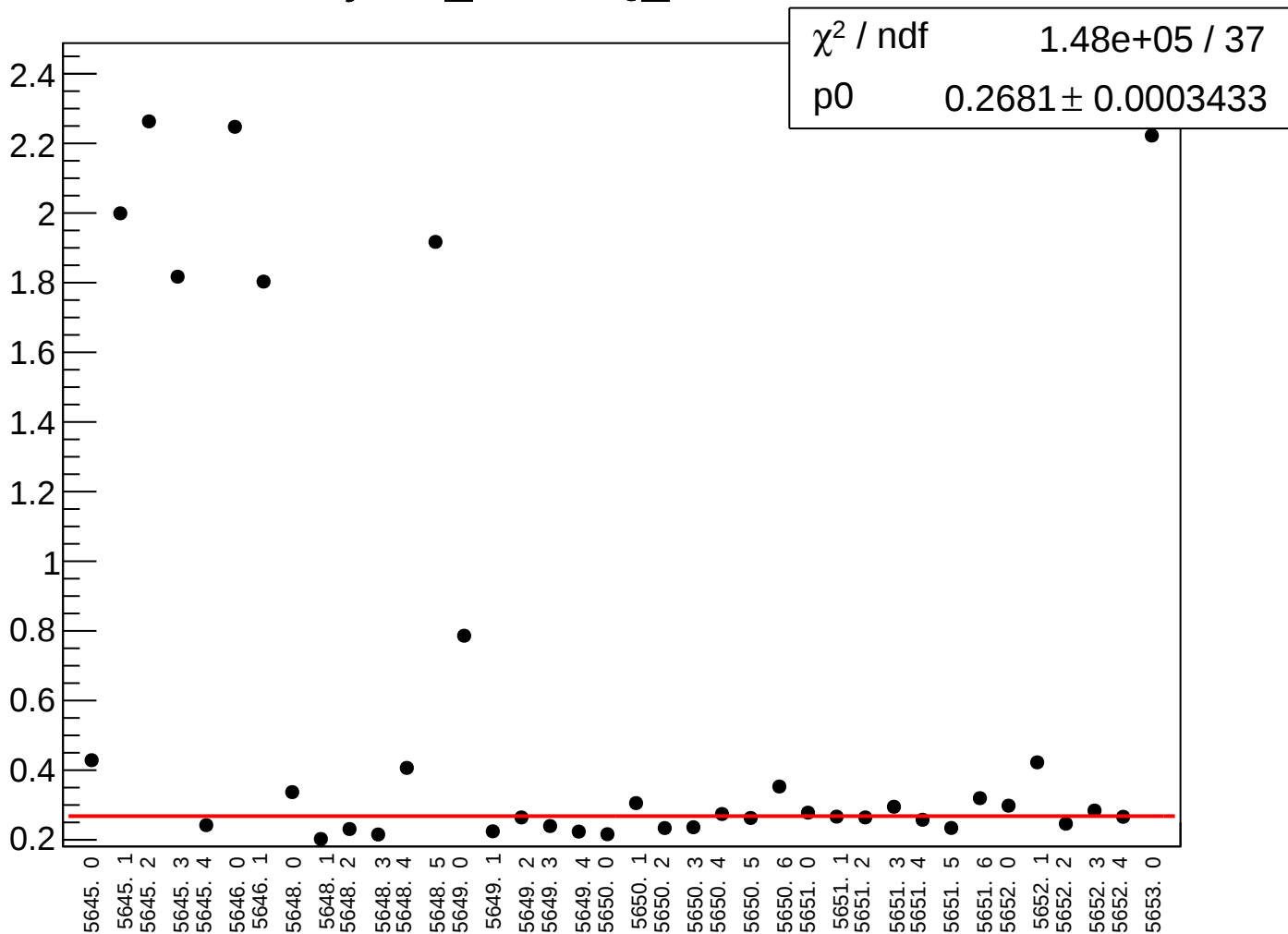
yield_cav4cQ_rms vs run



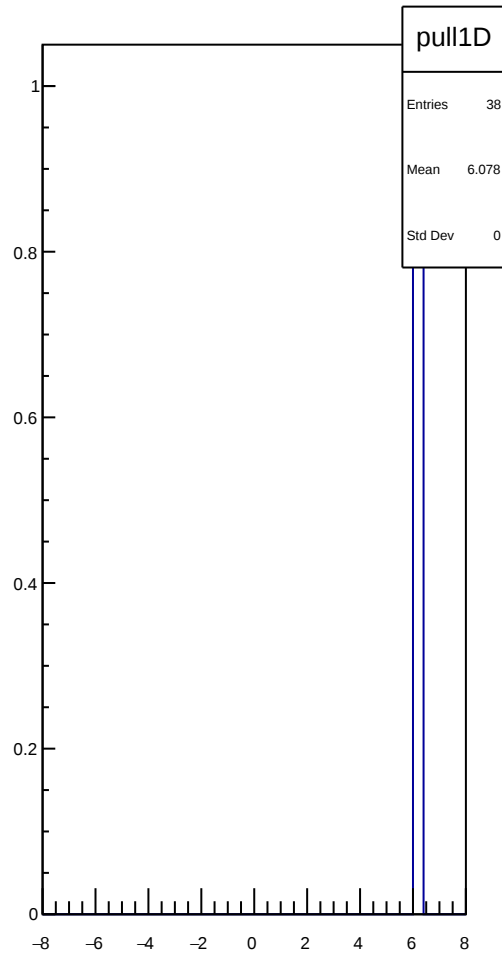
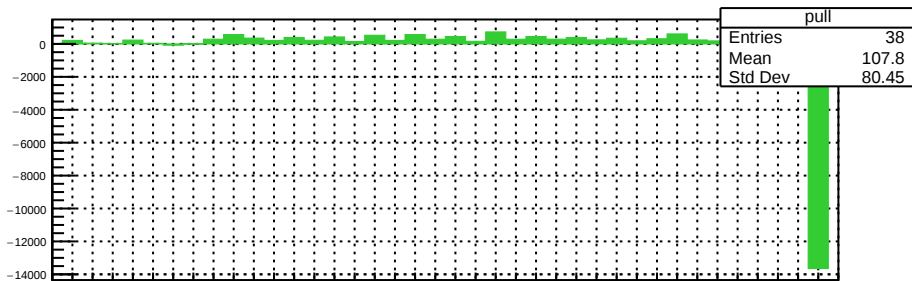
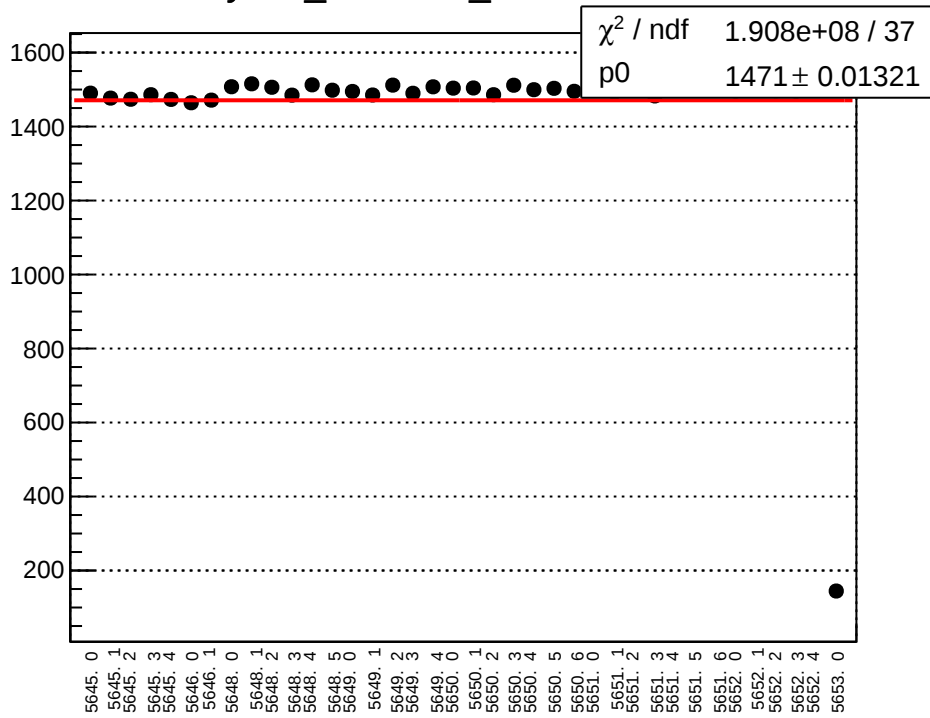
yield_cav4dQ_mean vs run



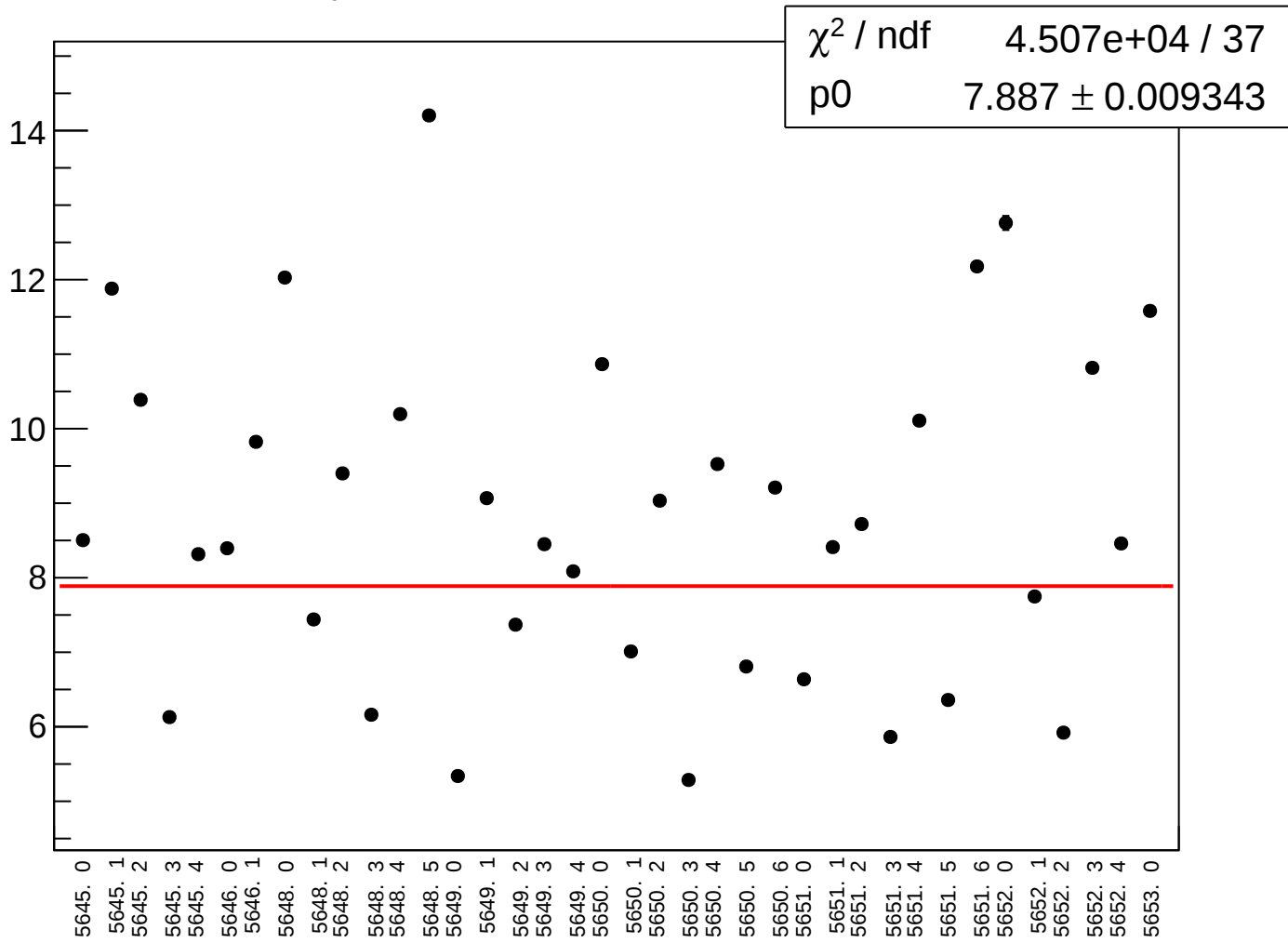
yield_cav4dQ_rms vs run



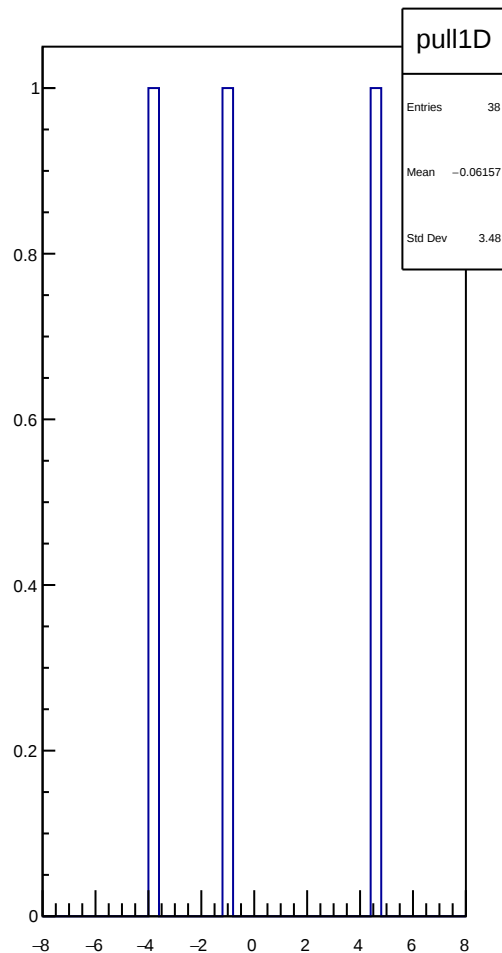
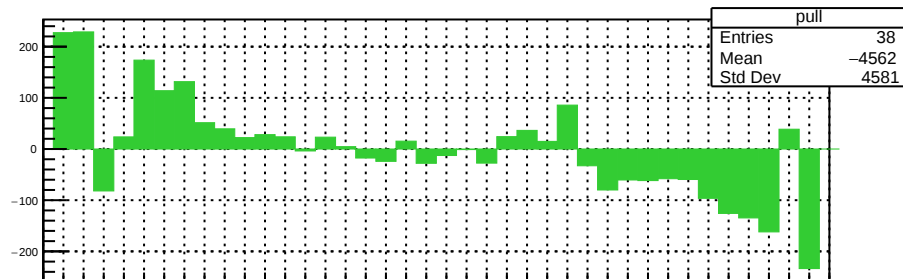
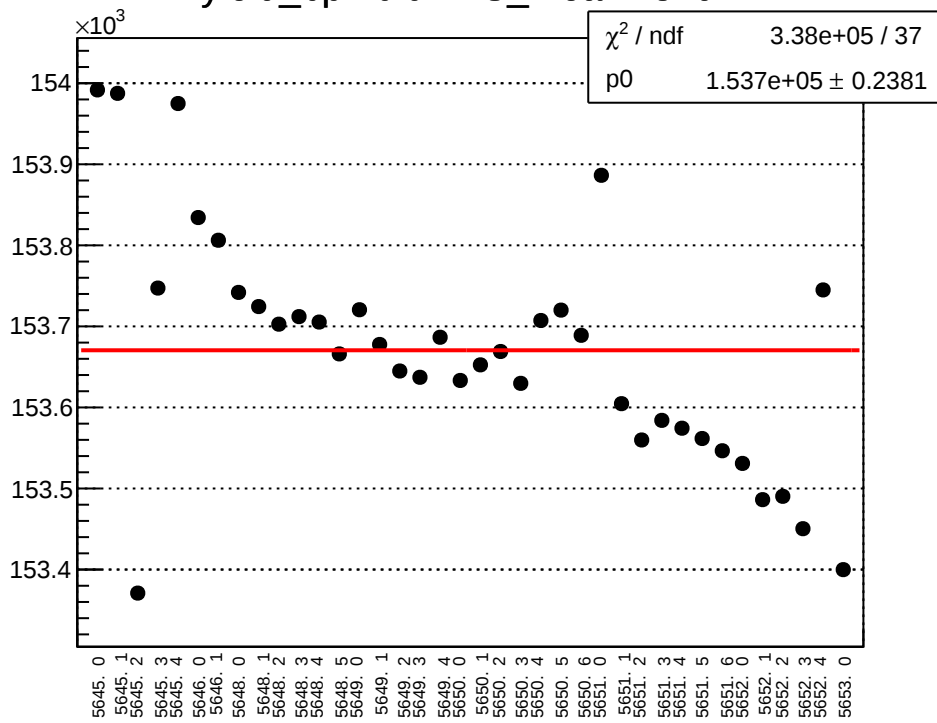
yield_bcm0l02_mean vs run



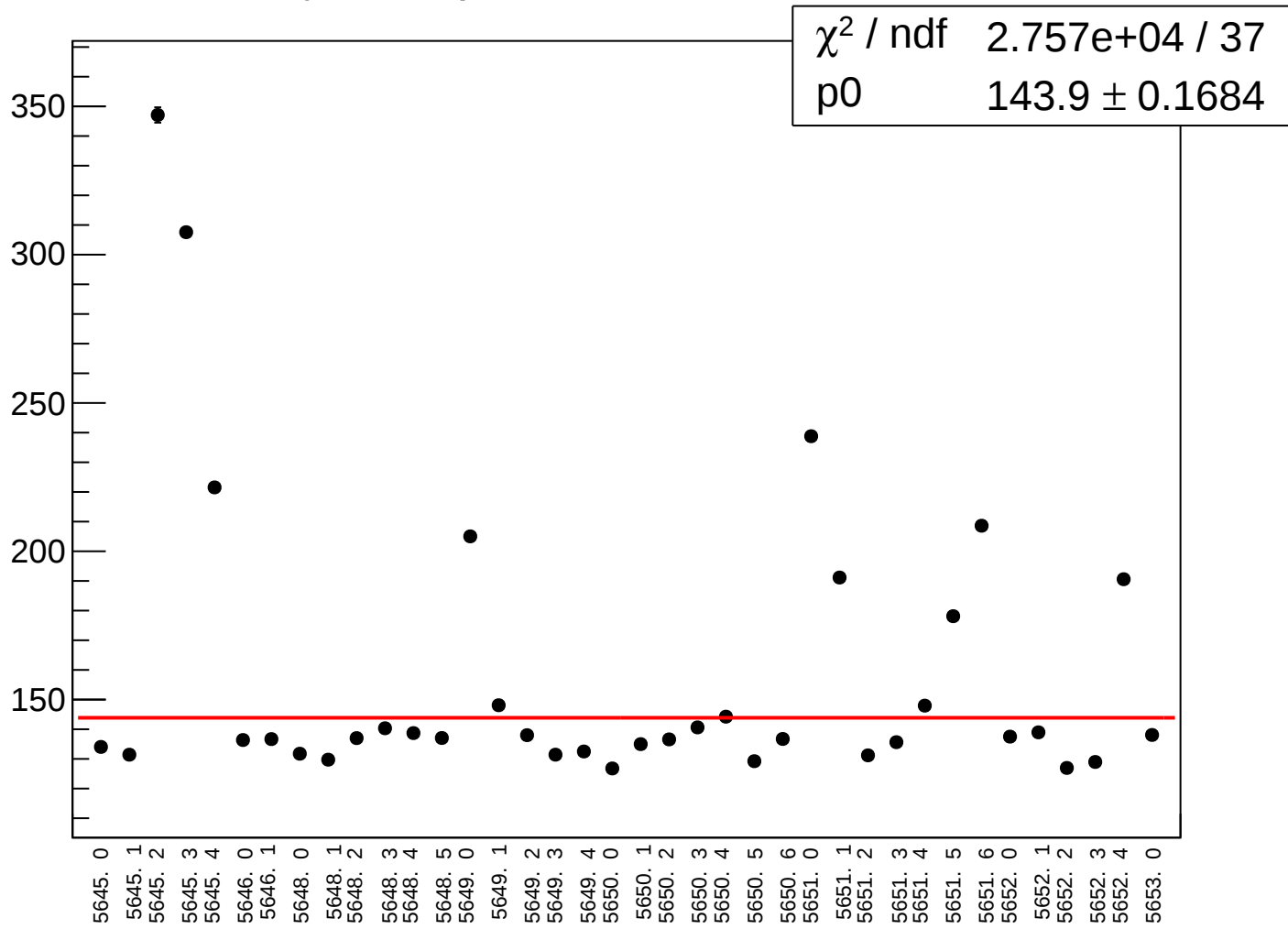
yield_bcm0l02_rms vs run



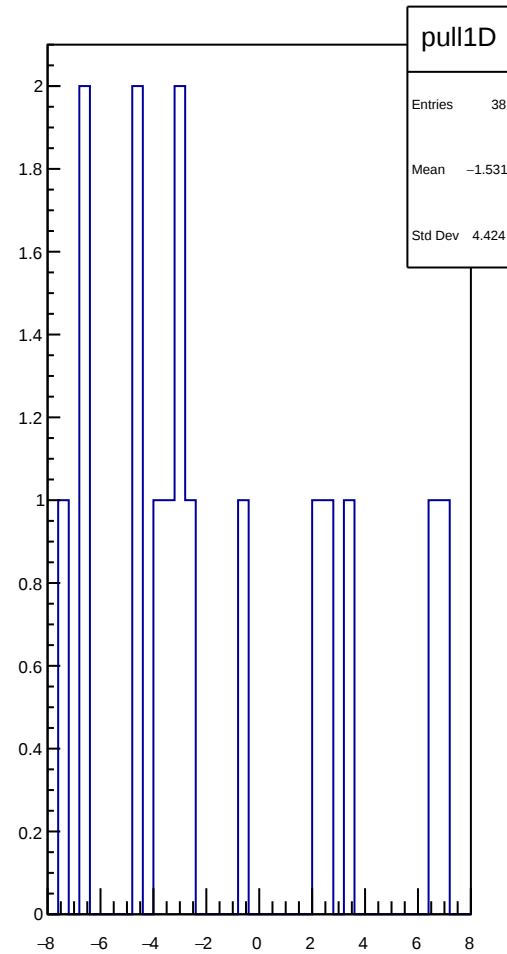
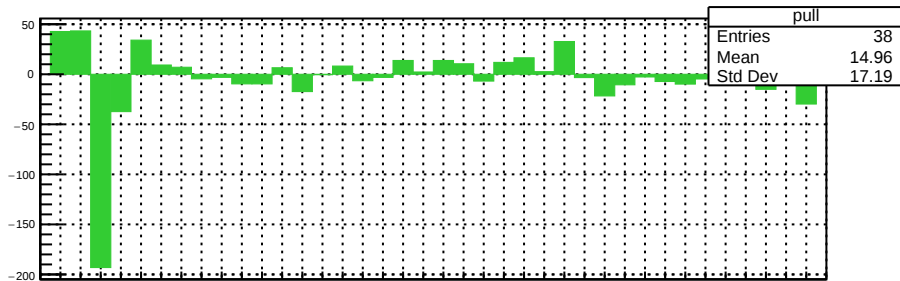
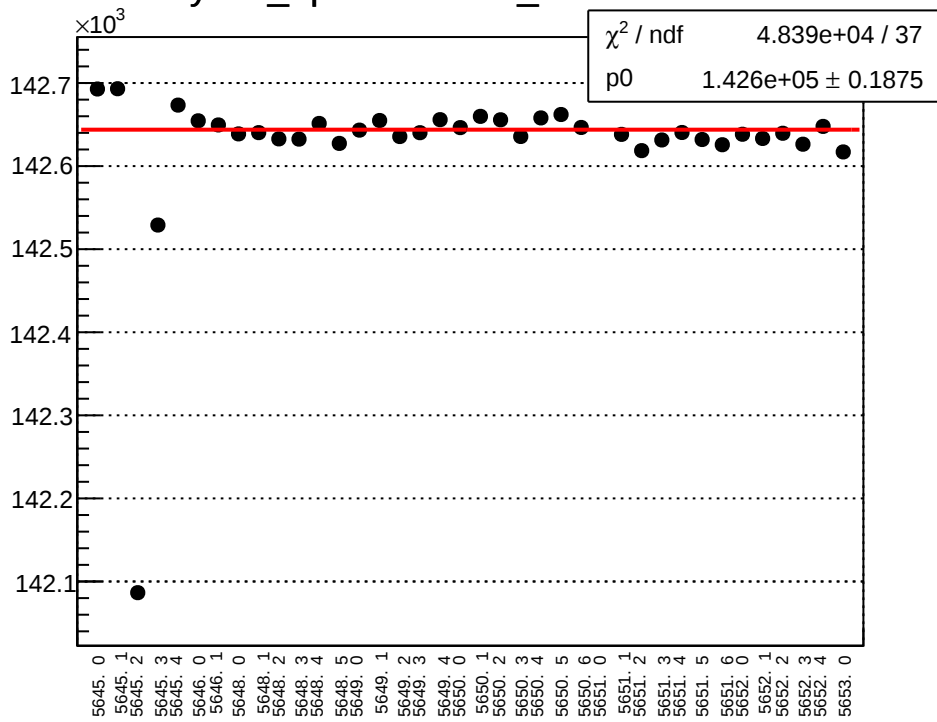
yield_bpm0i01WS_mean vs run



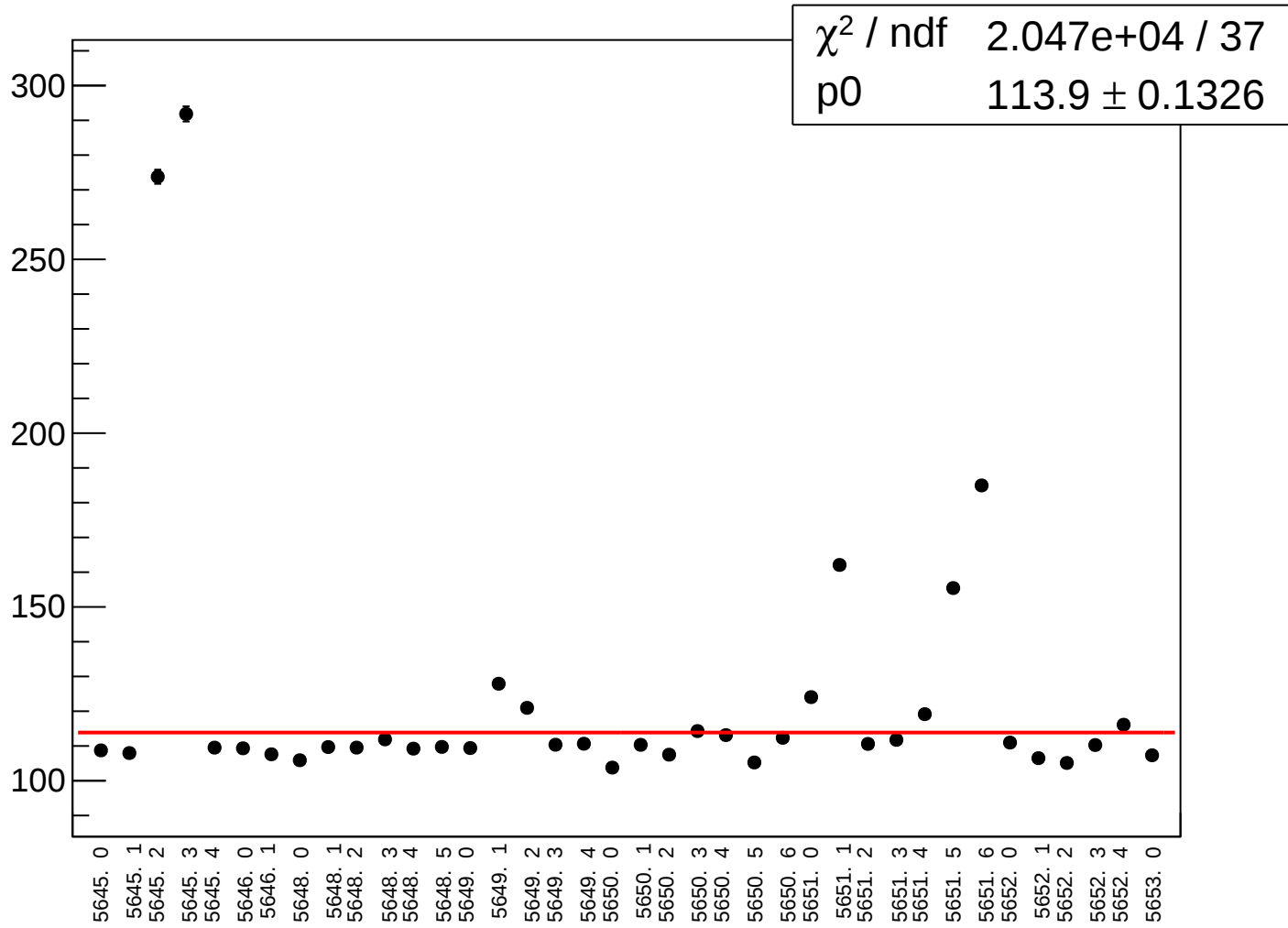
yield_bpm0i01WS_rms vs run



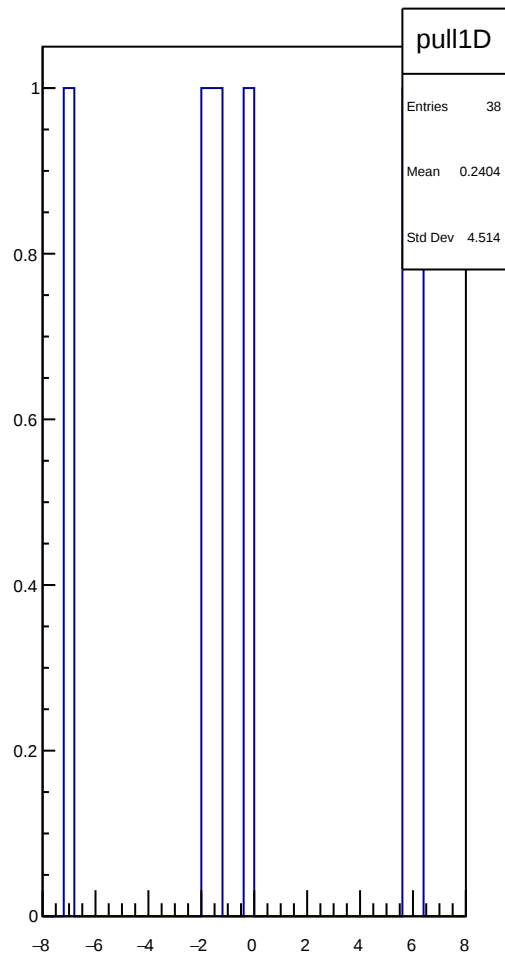
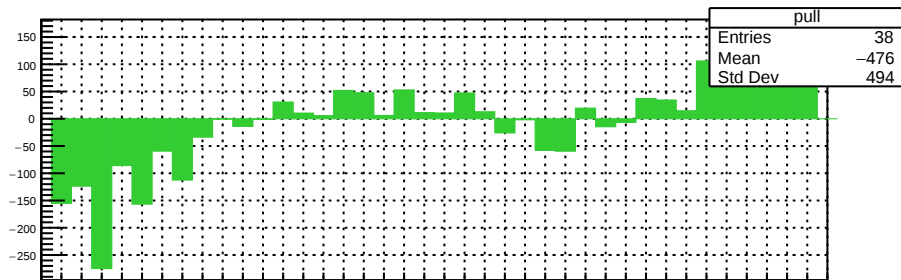
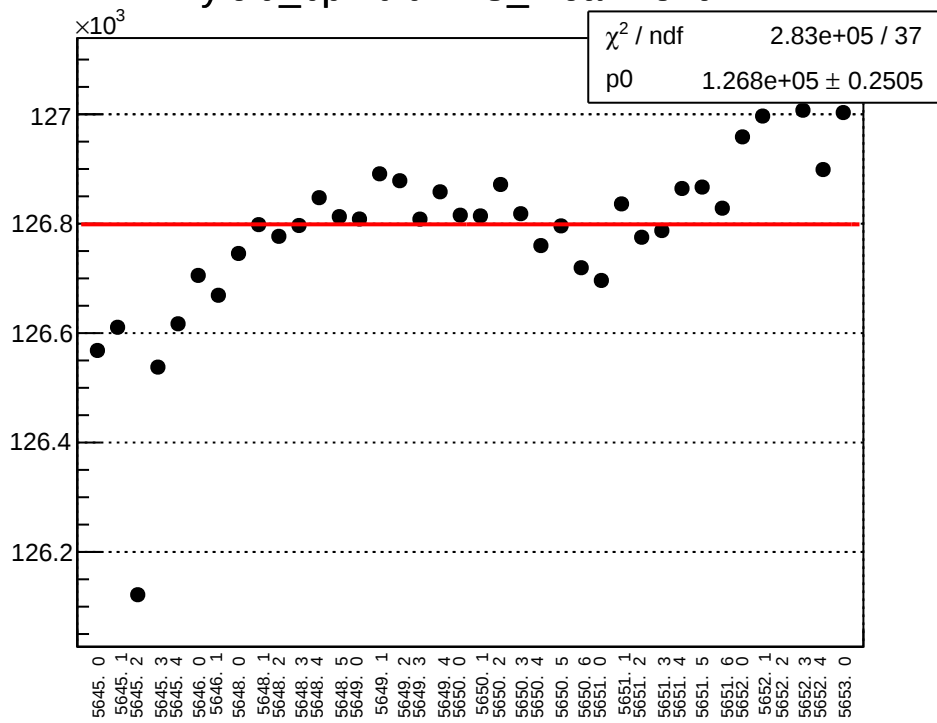
yield_bpm0i01aWS_mean vs run



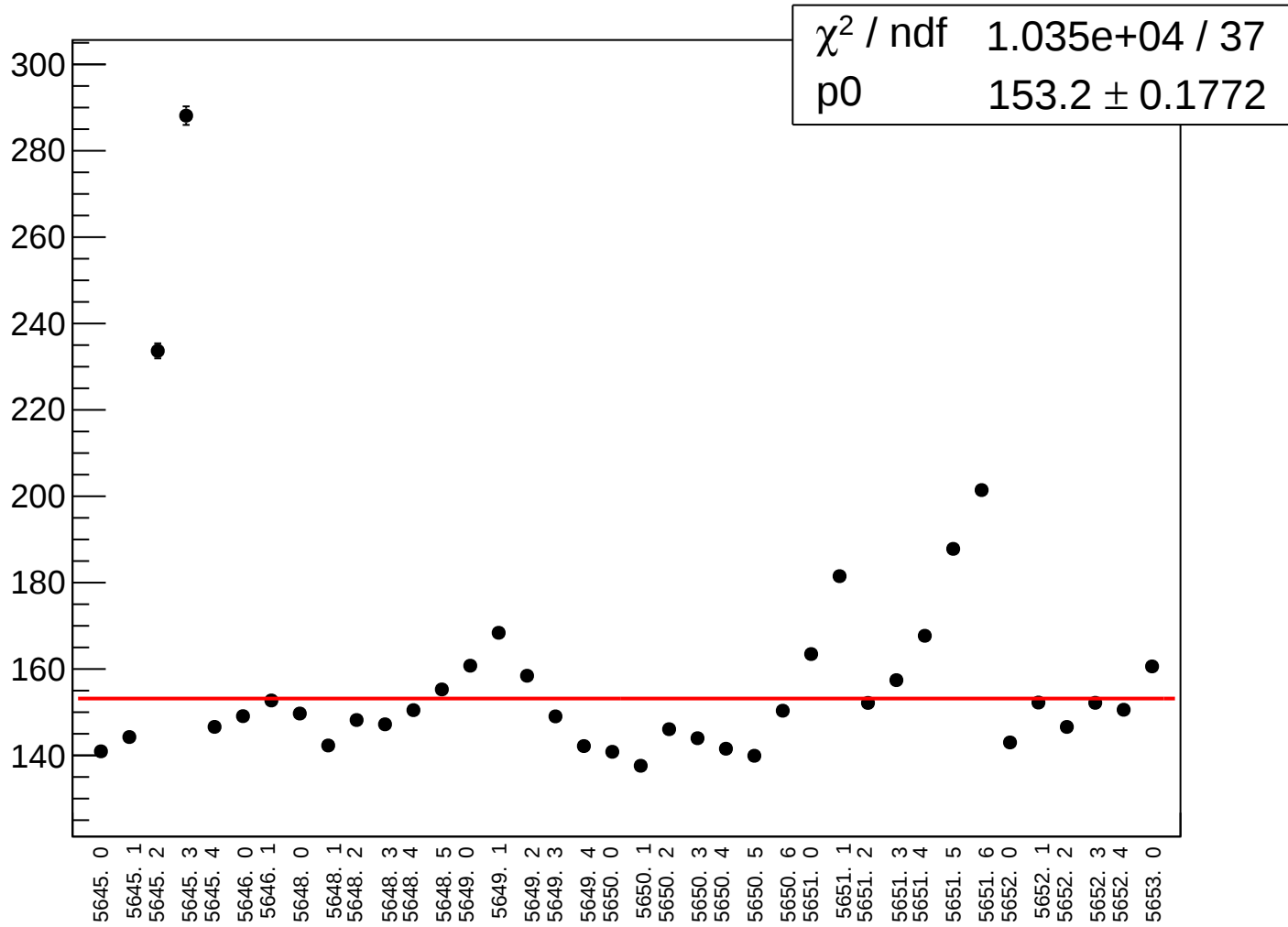
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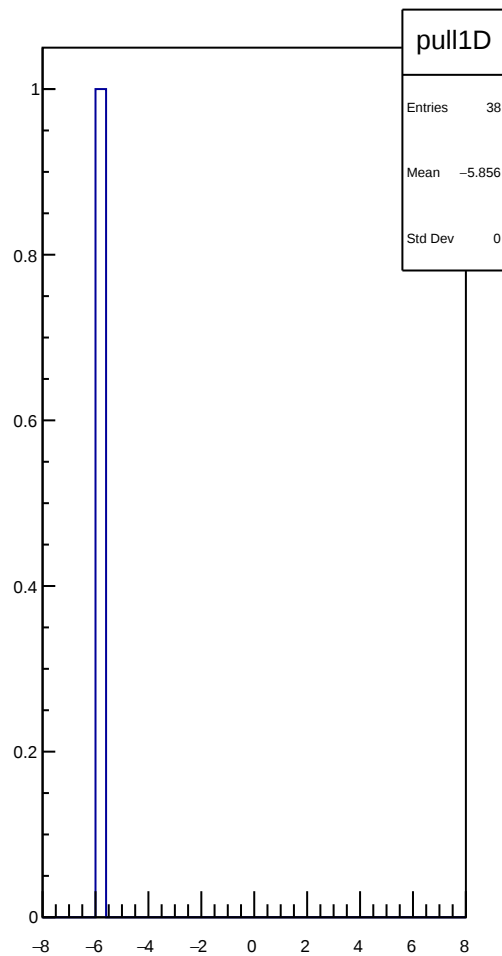
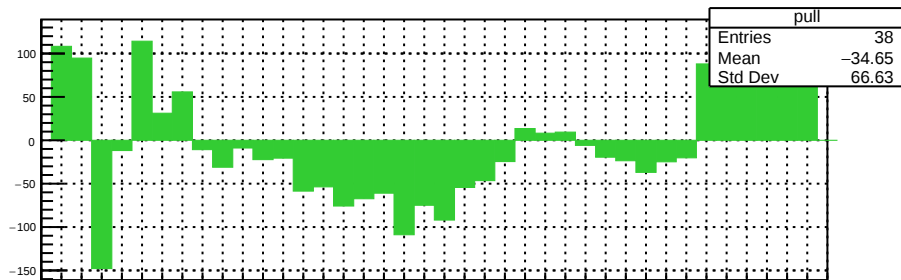
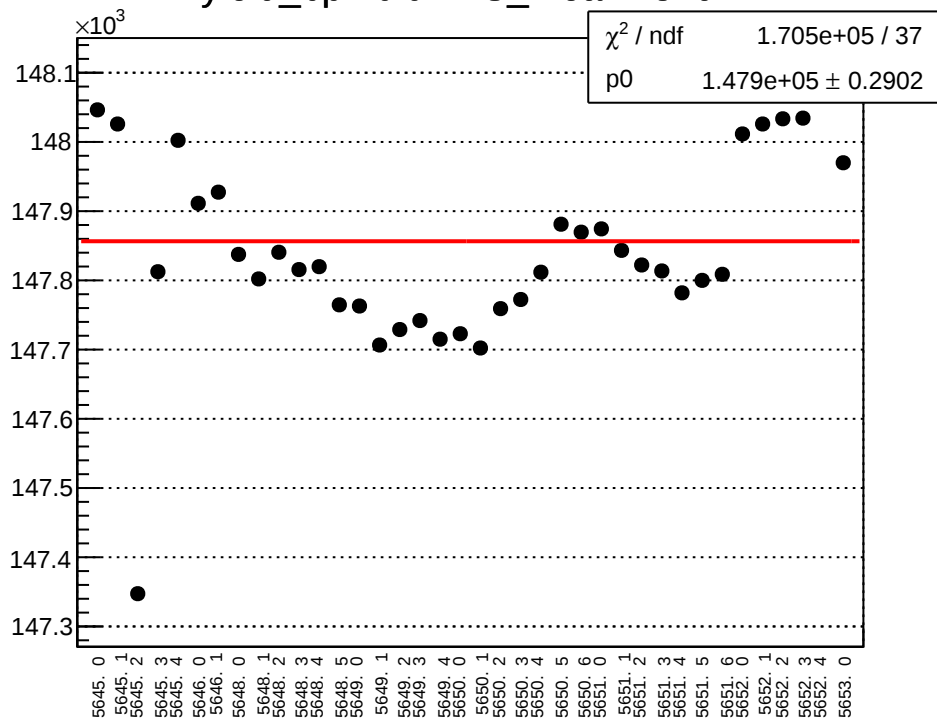
yield_bpm0l01WS_mean vs run



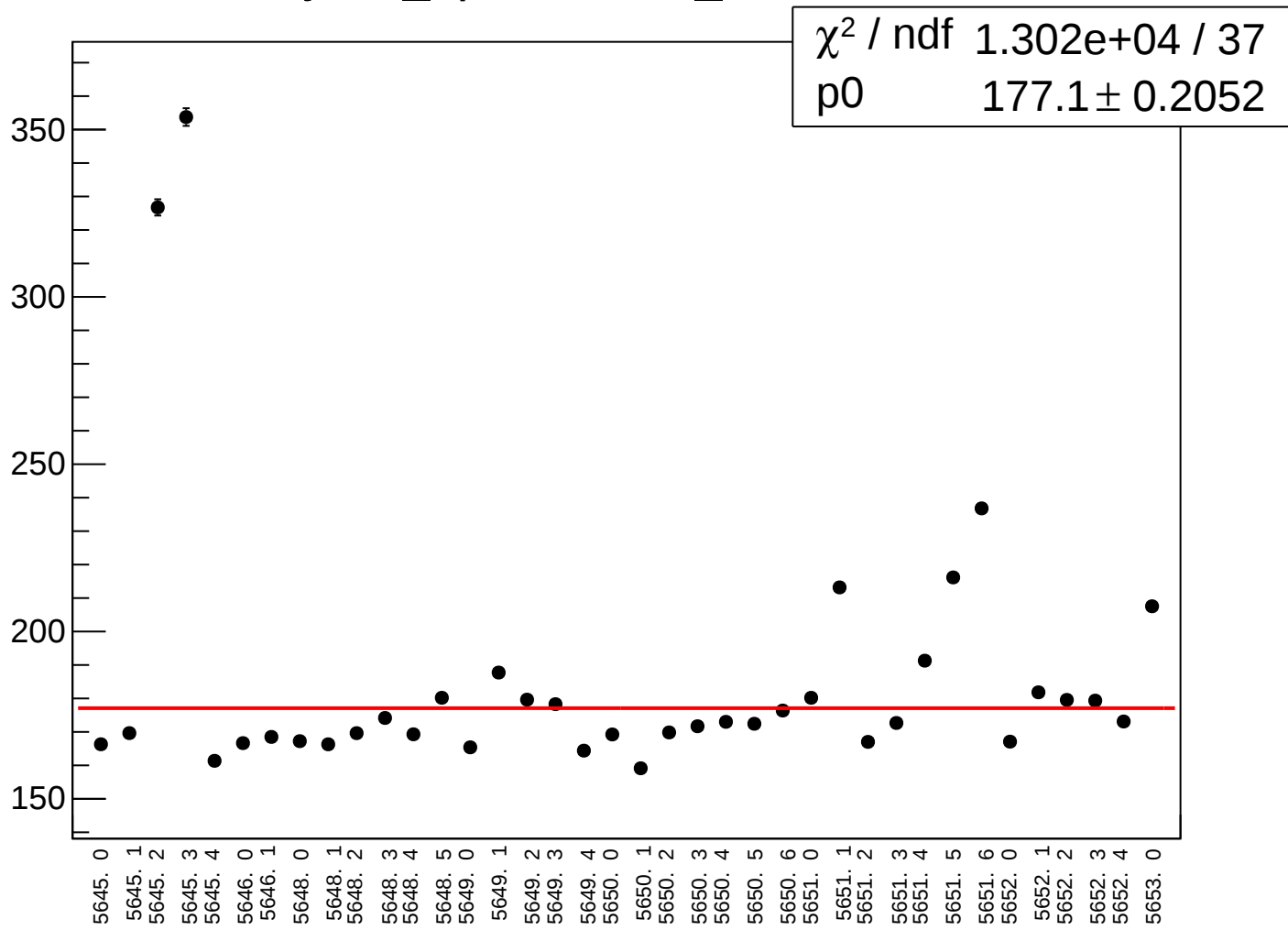
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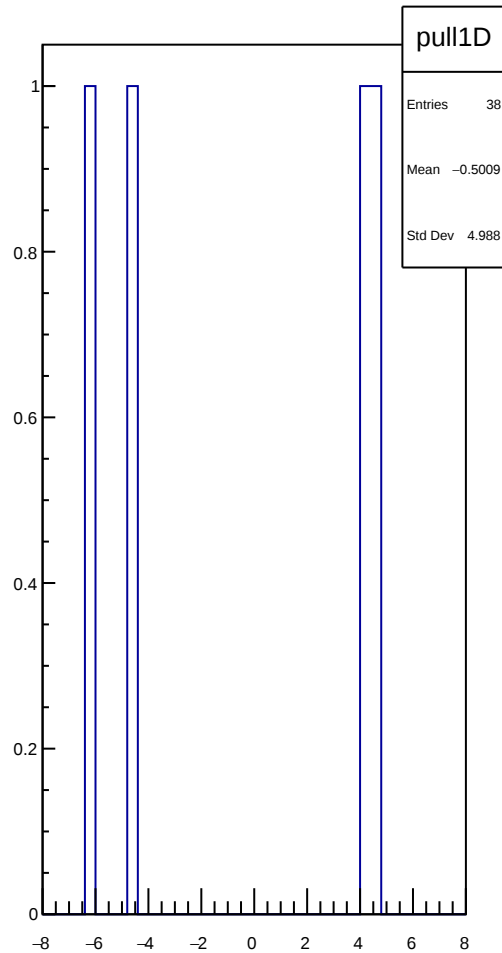
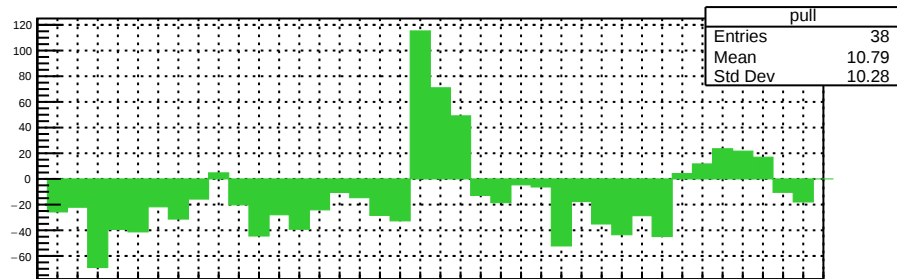
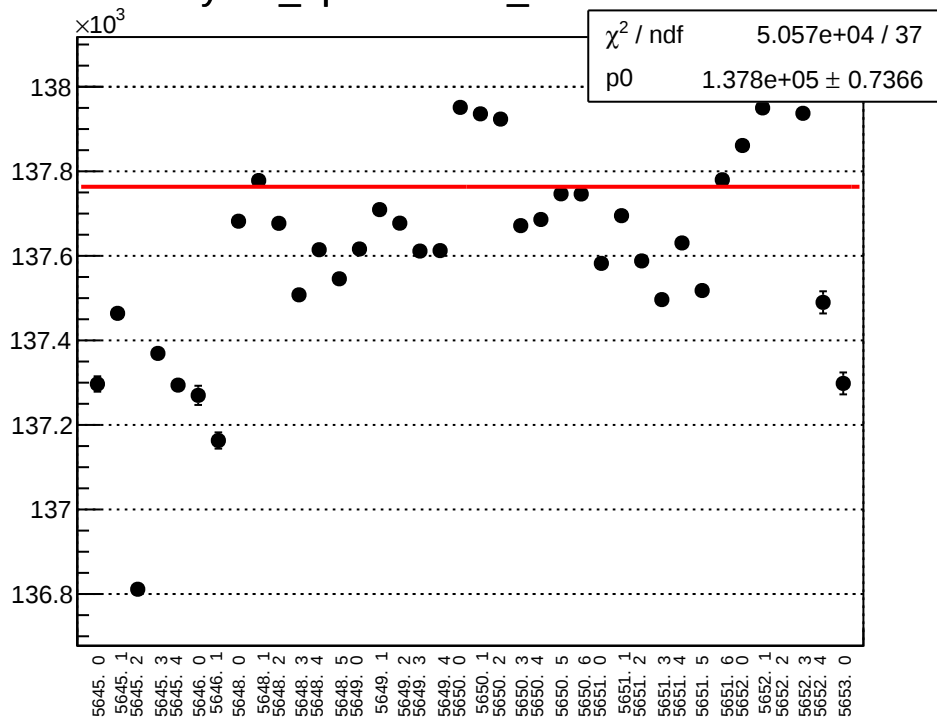
yield_bpm0l02WS_mean vs run



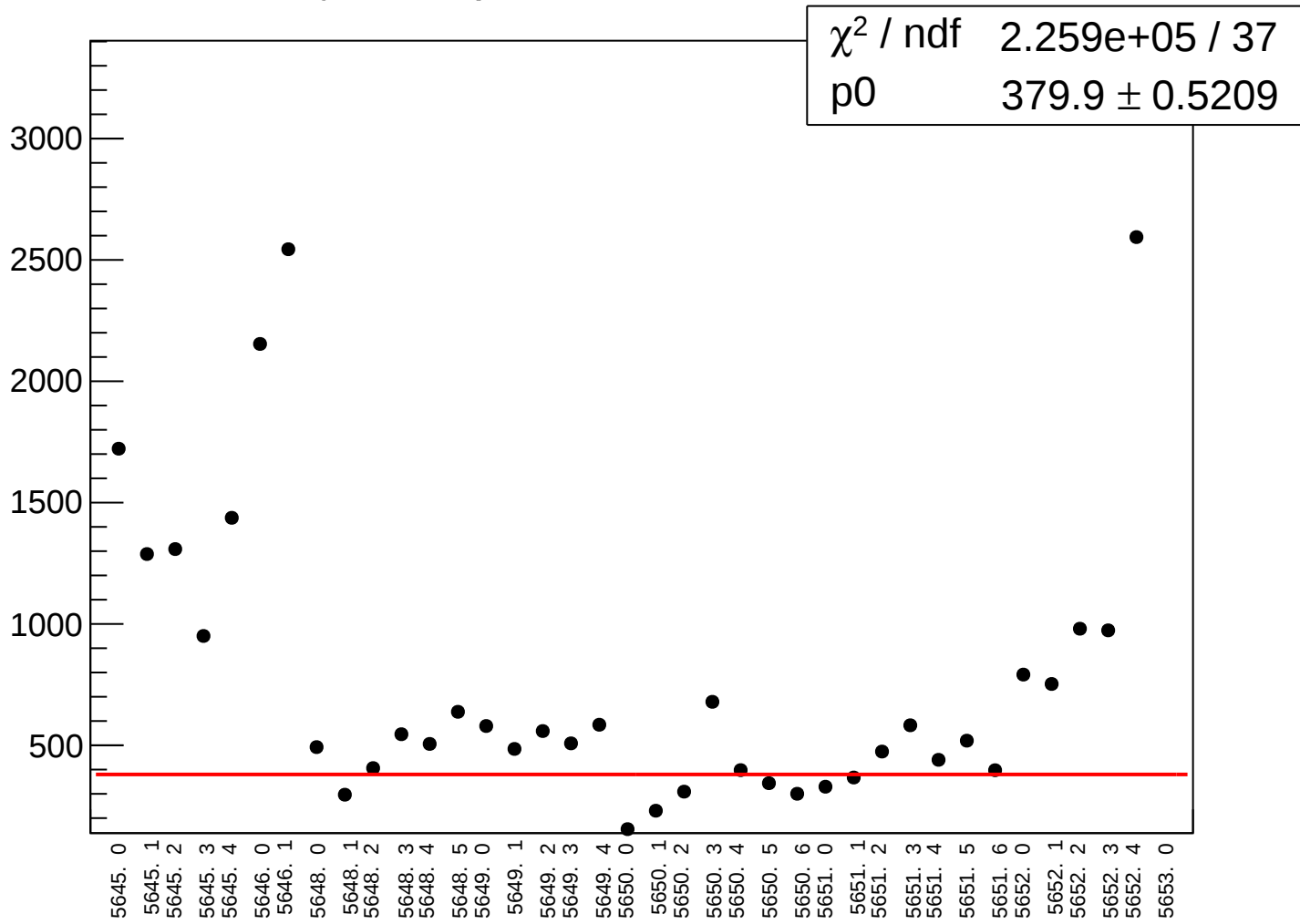
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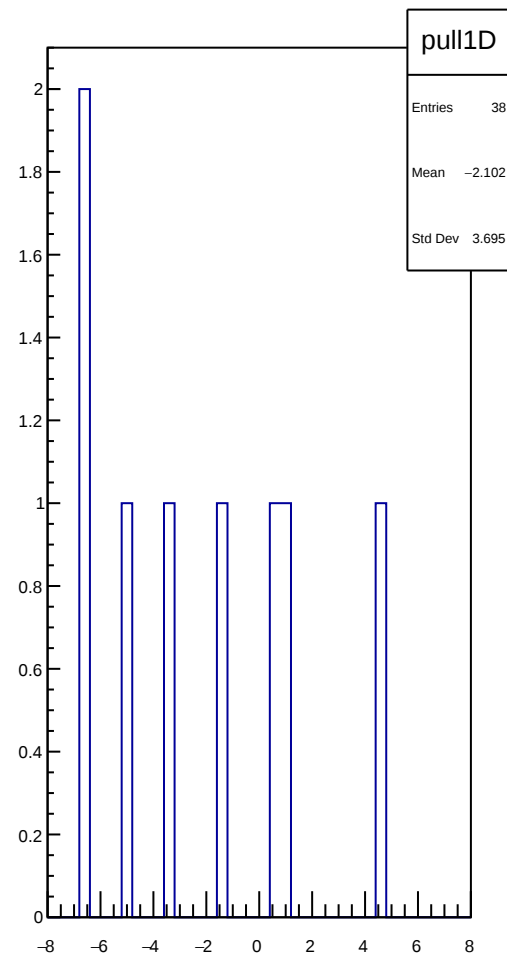
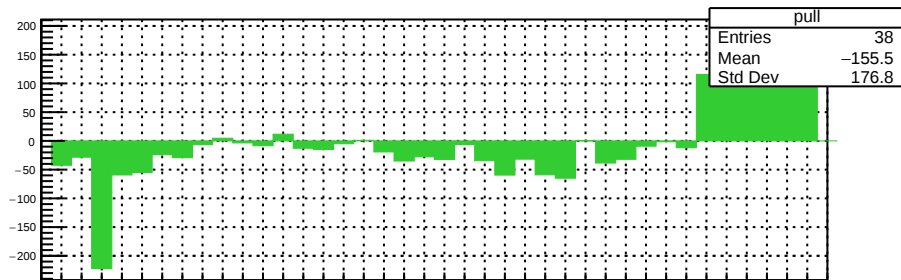
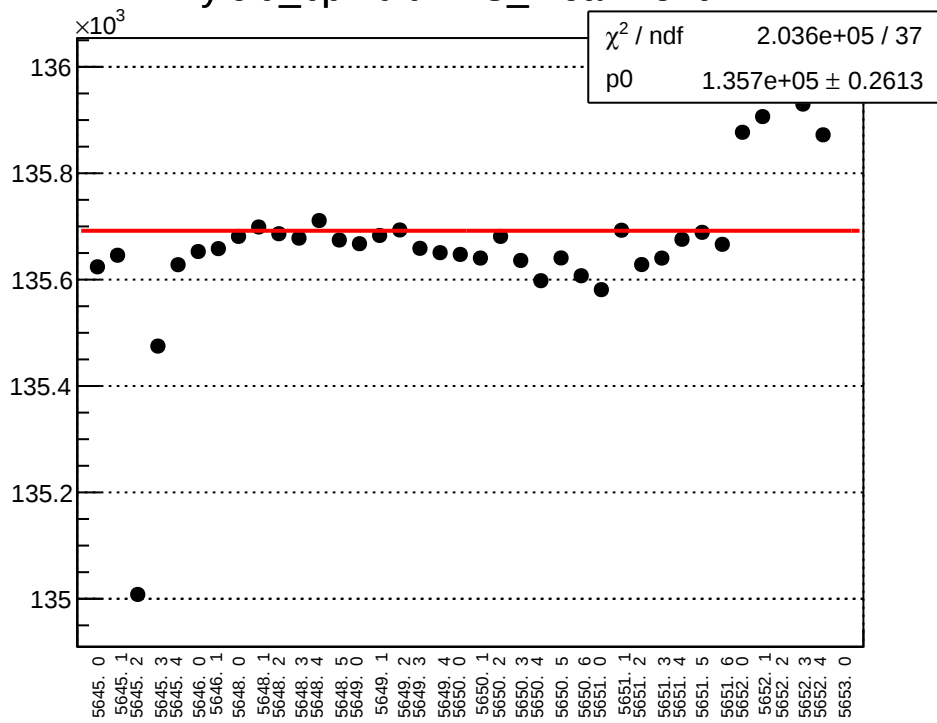
yield_bpm0l03WS_mean vs run



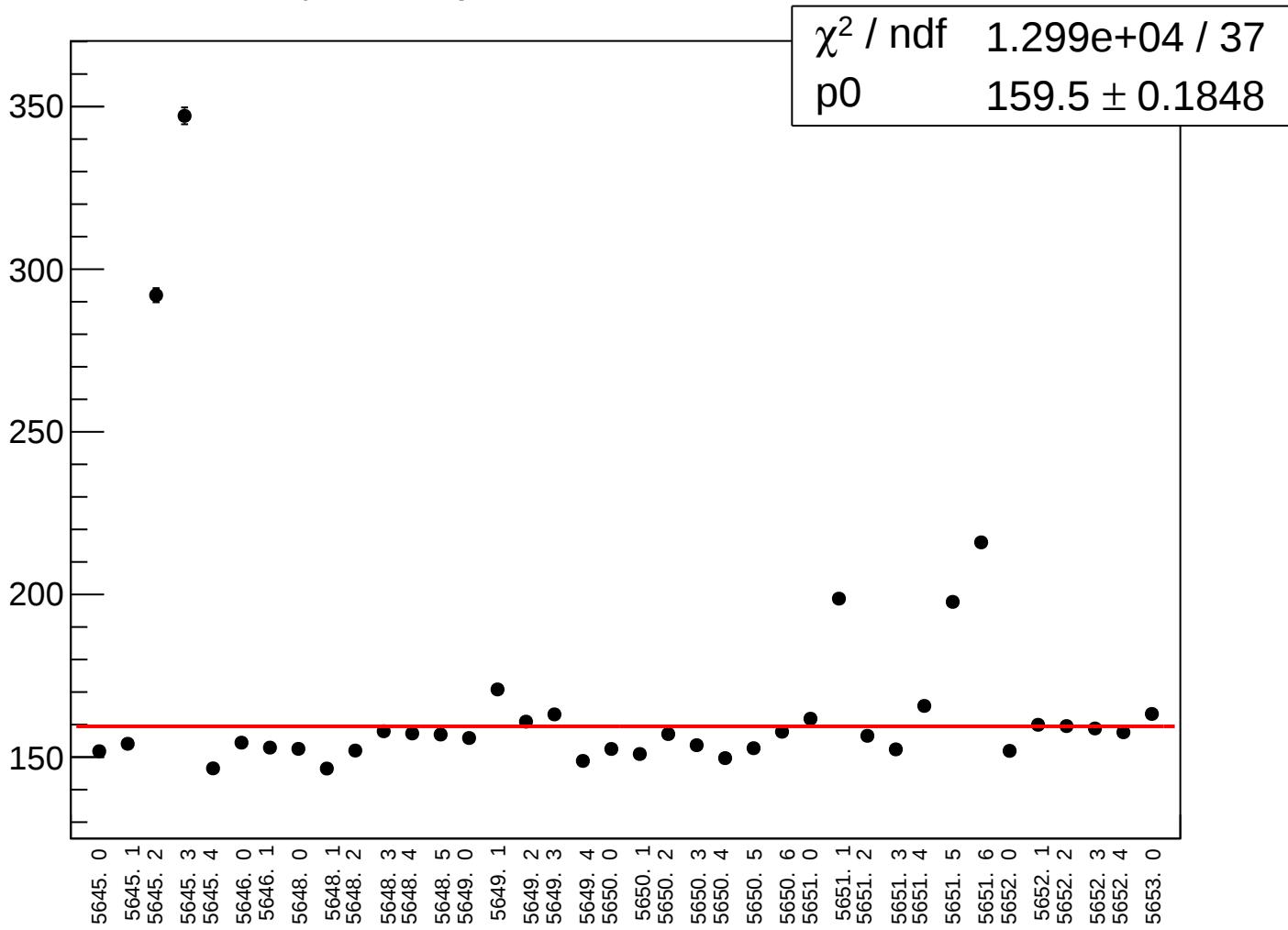
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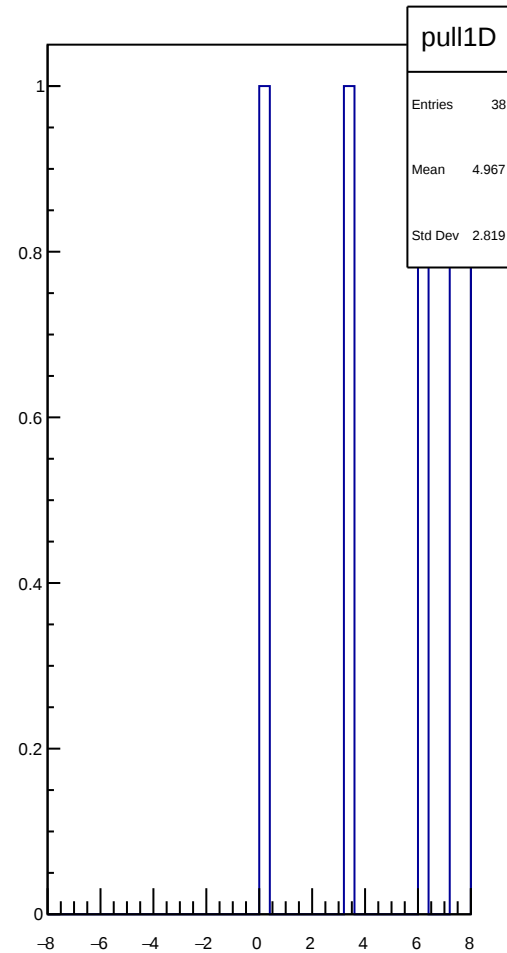
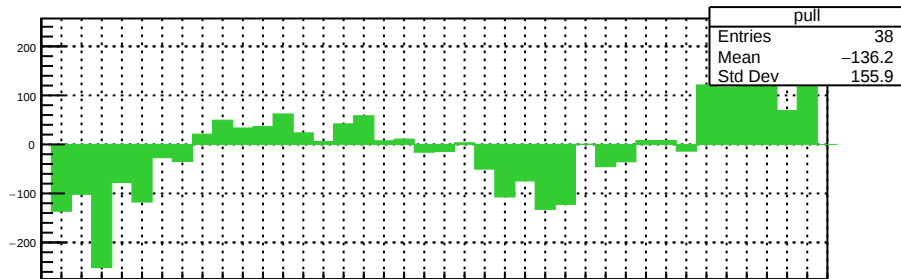
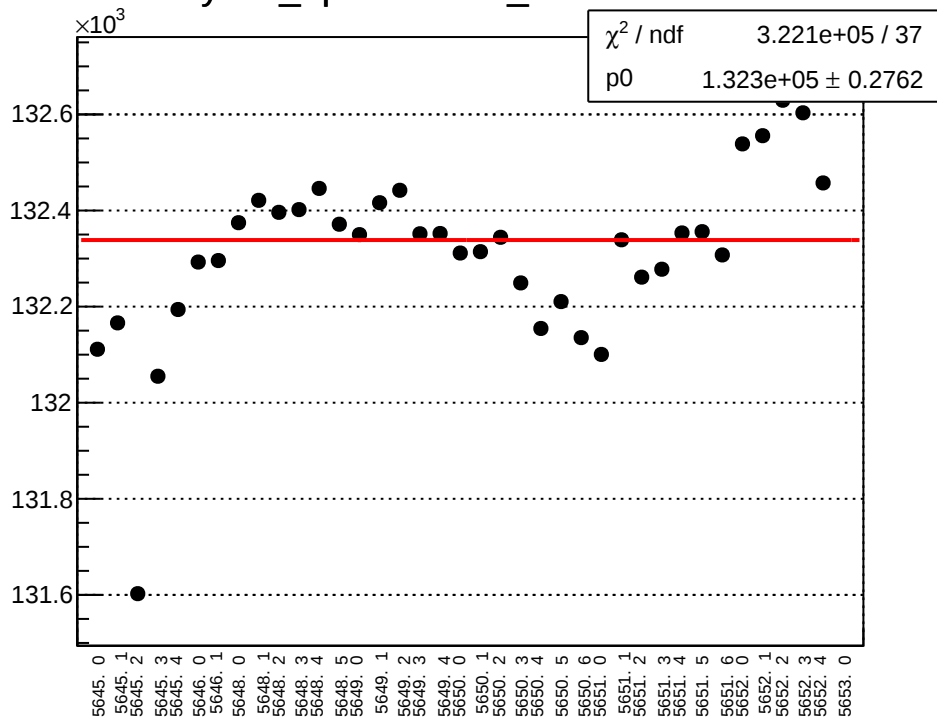
yield_bpm0104WS_mean vs run



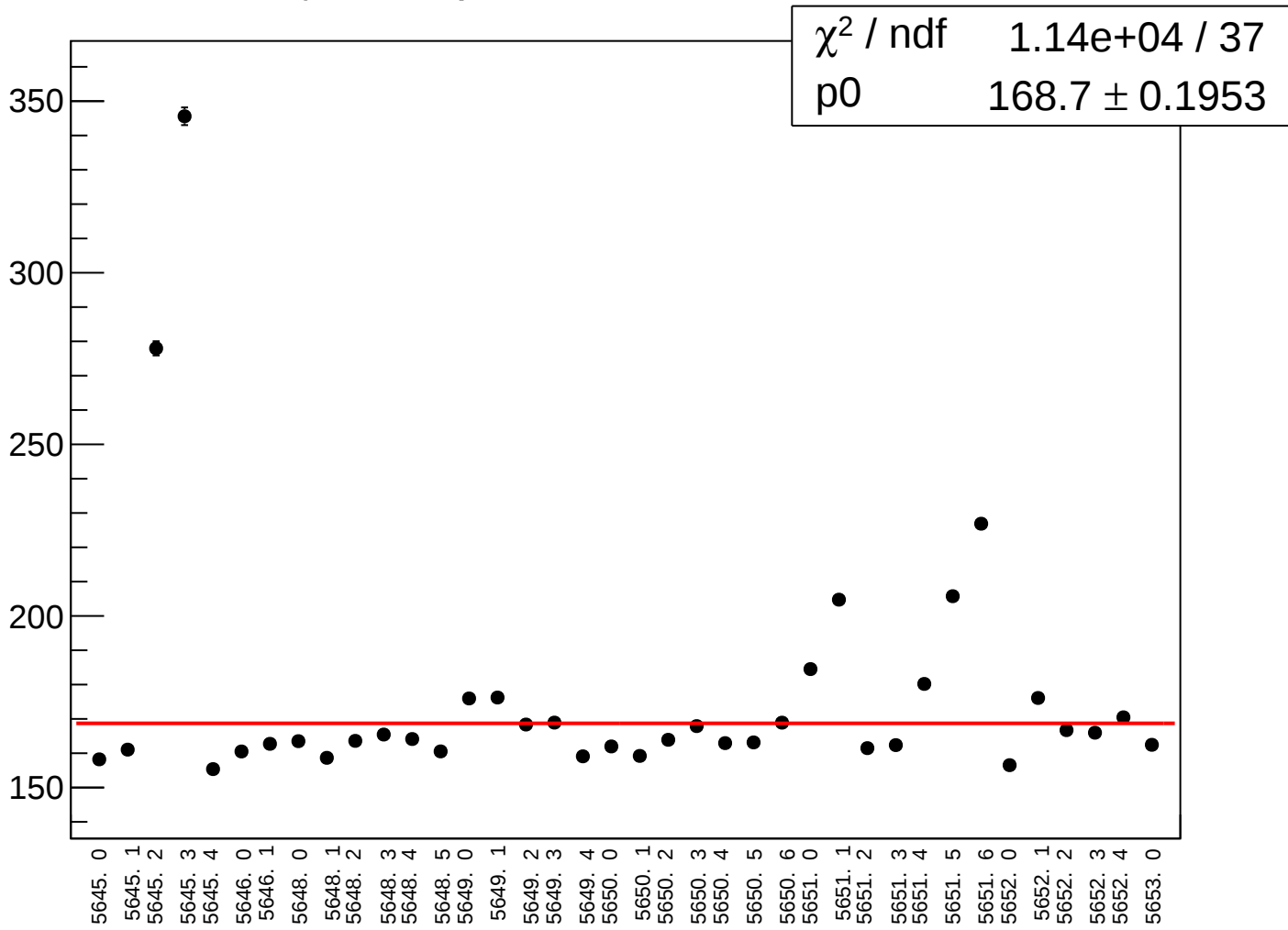
yield_bpm0l04WS_rms vs run



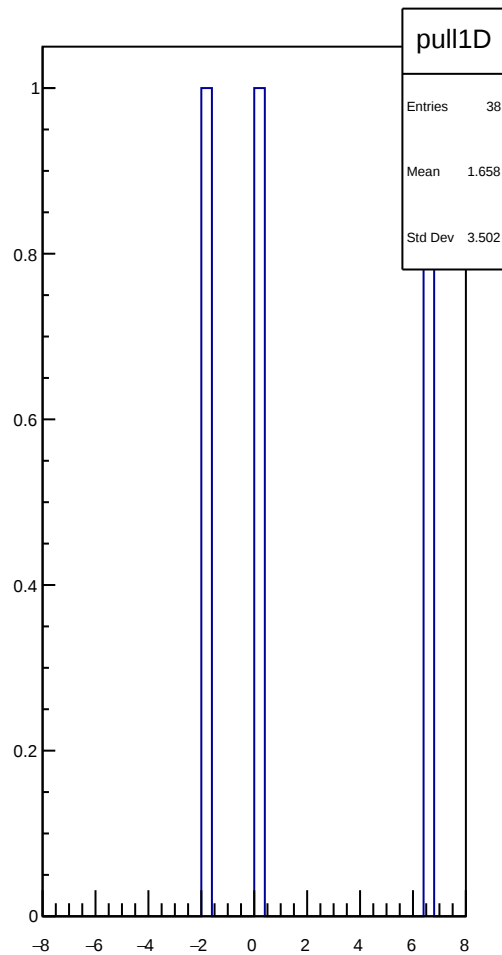
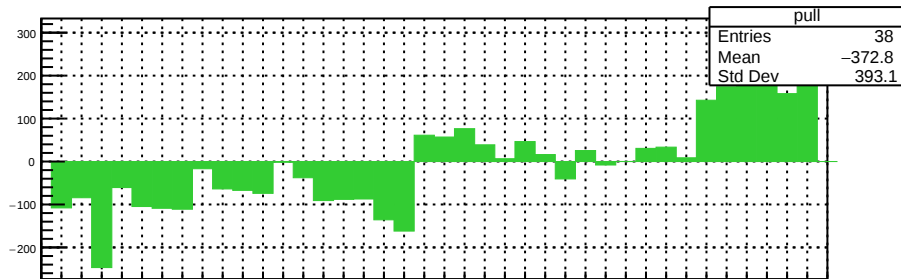
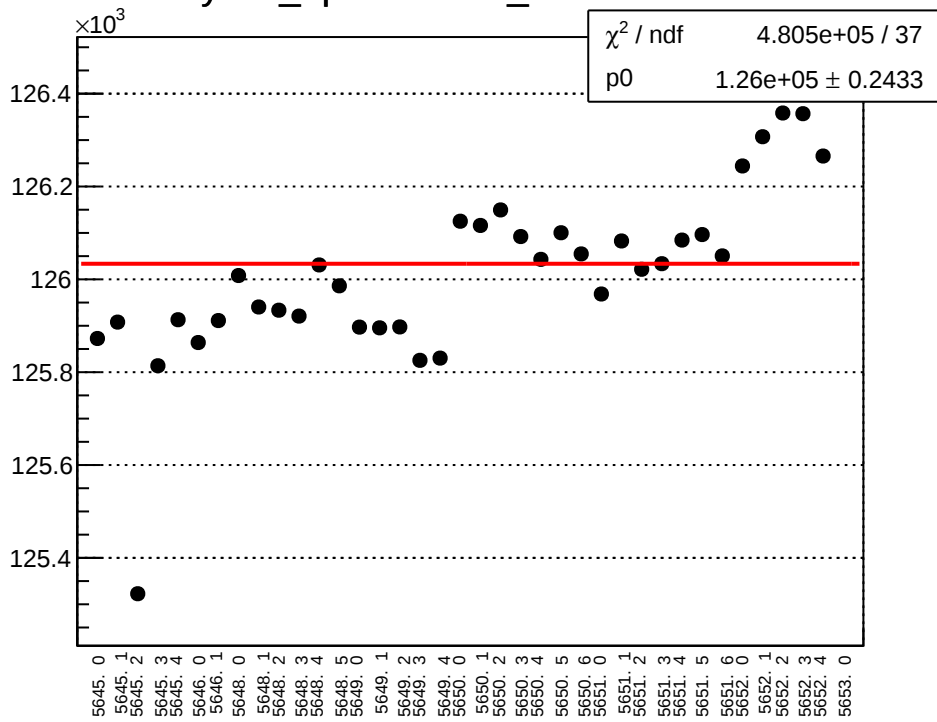
yield_bpm0105WS_mean vs run



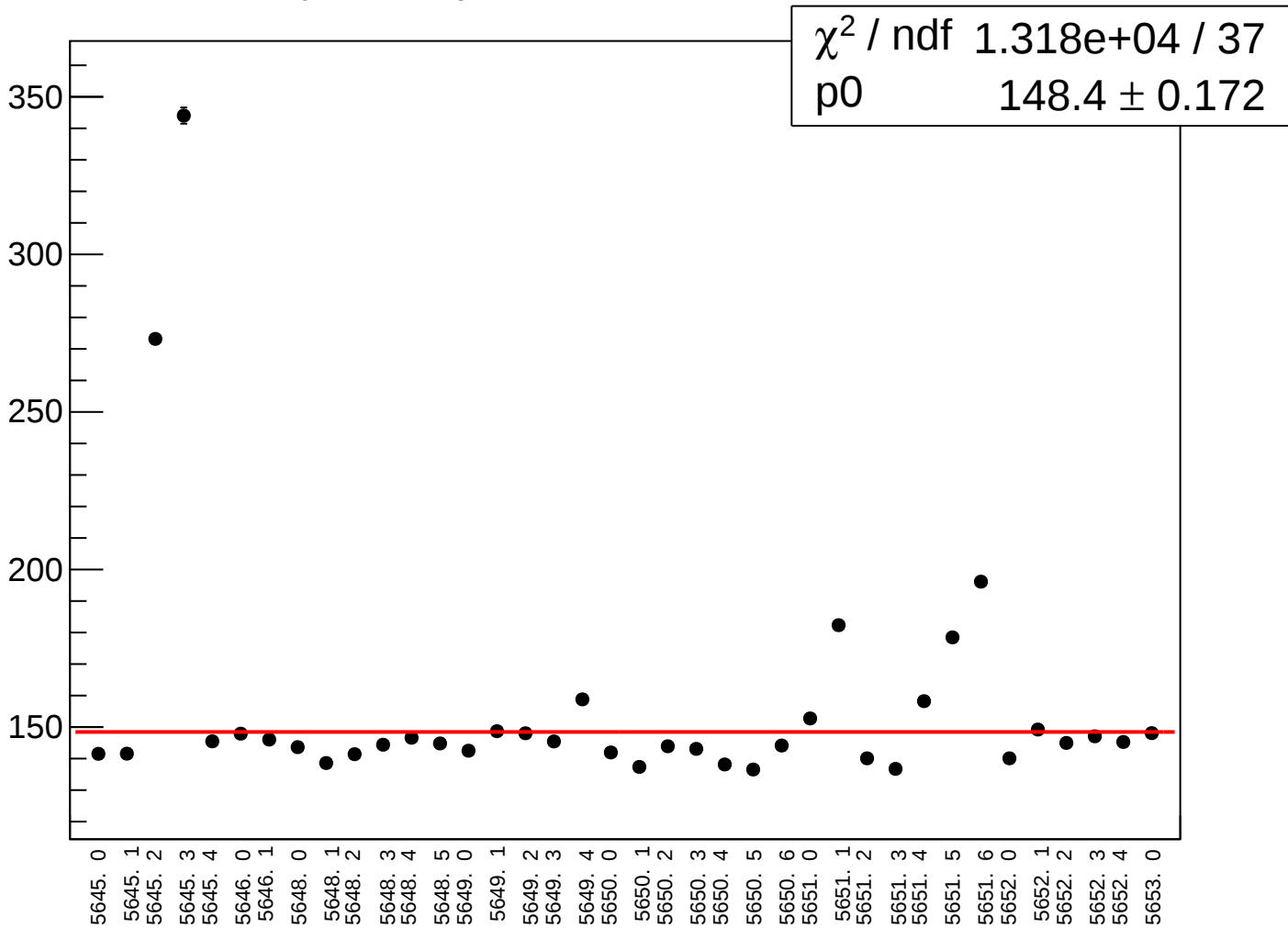
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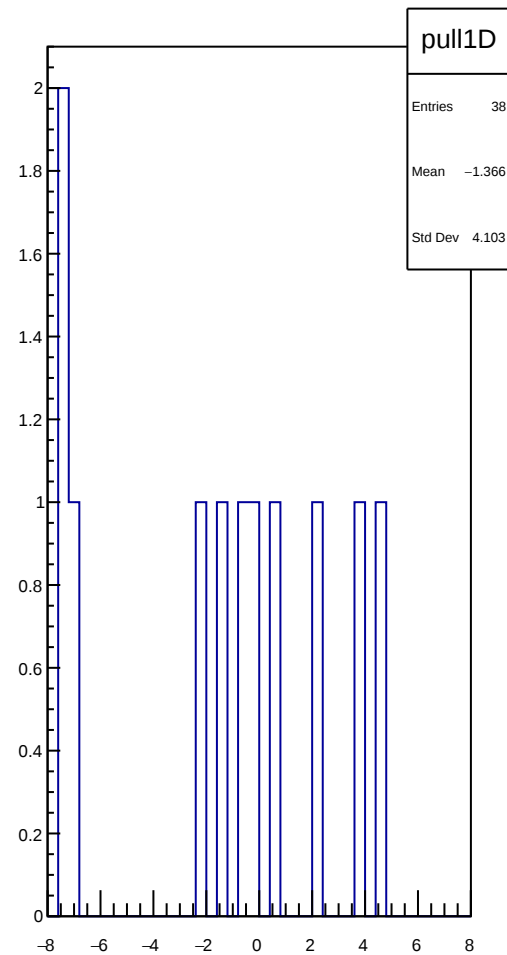
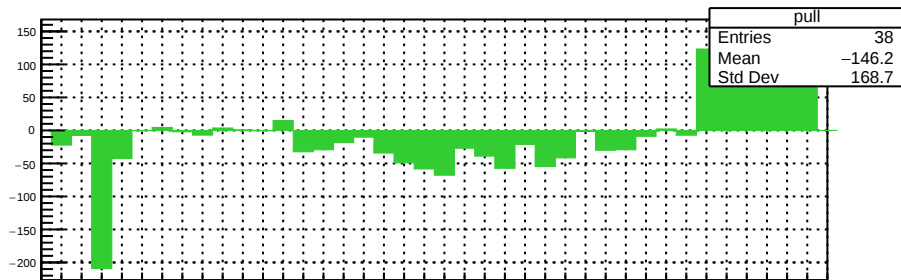
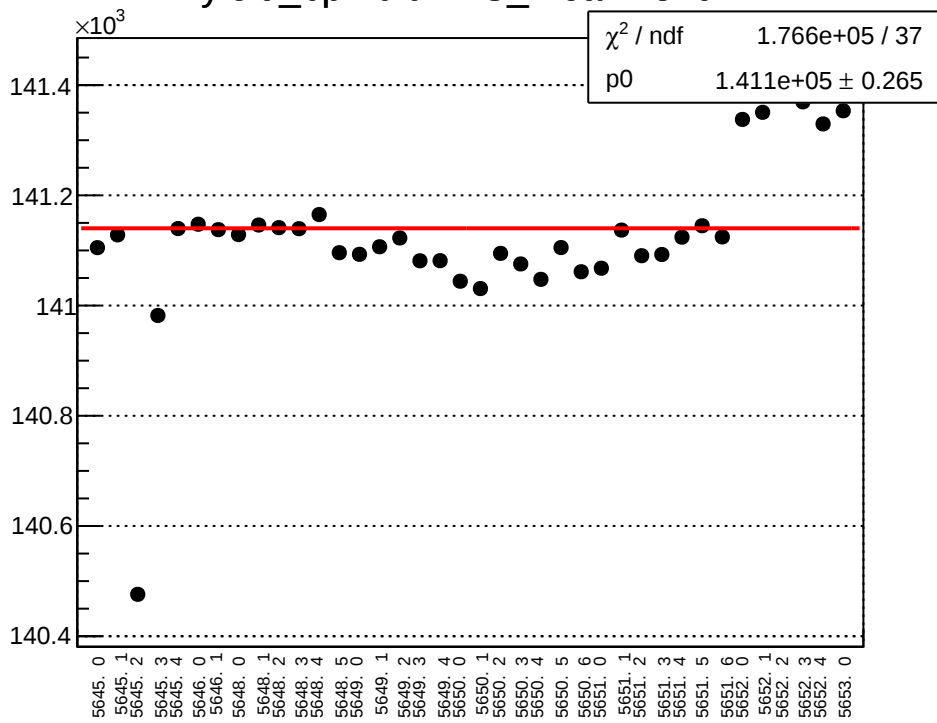
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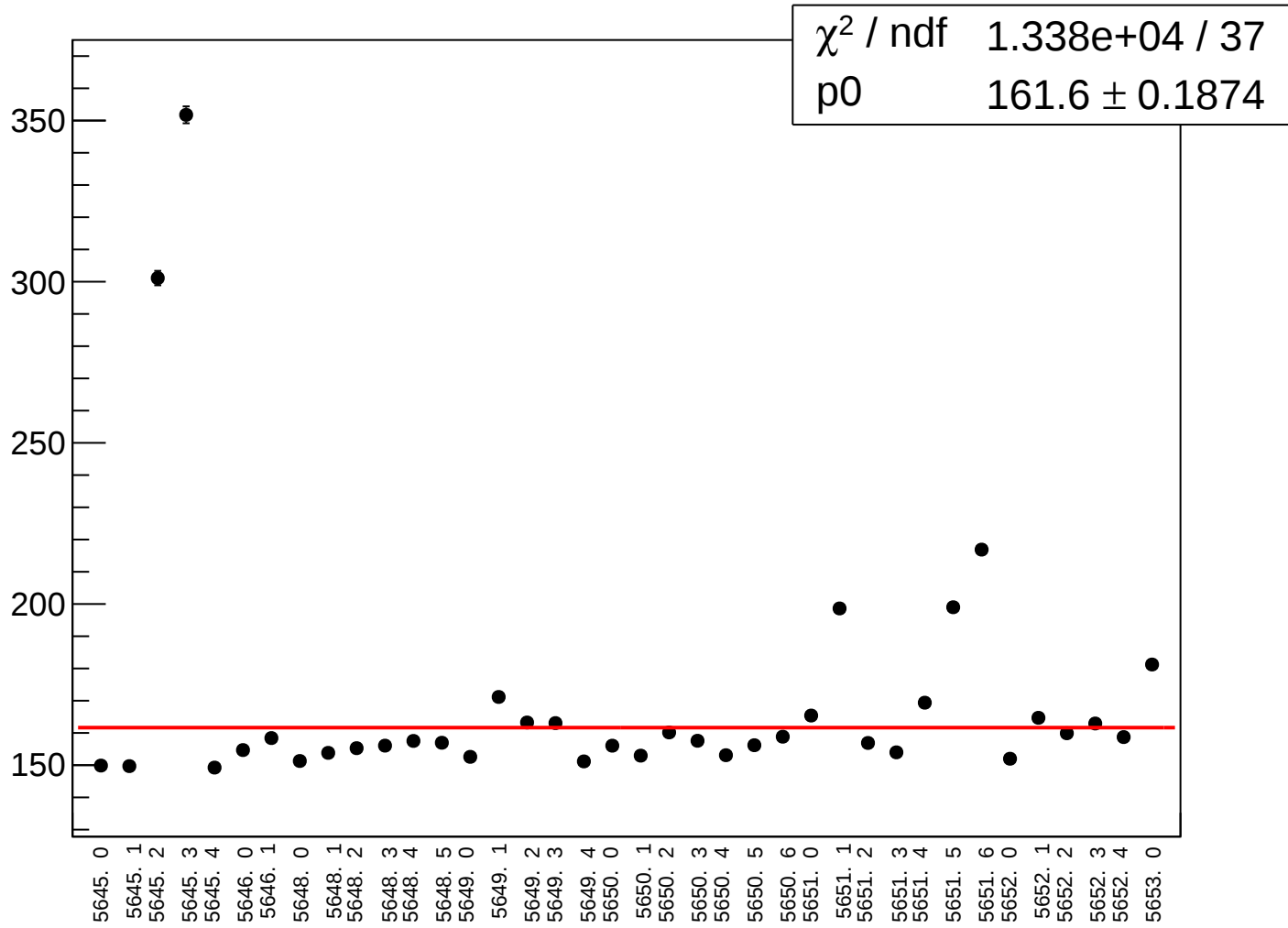
yield_bpm0l06WS_rms vs run



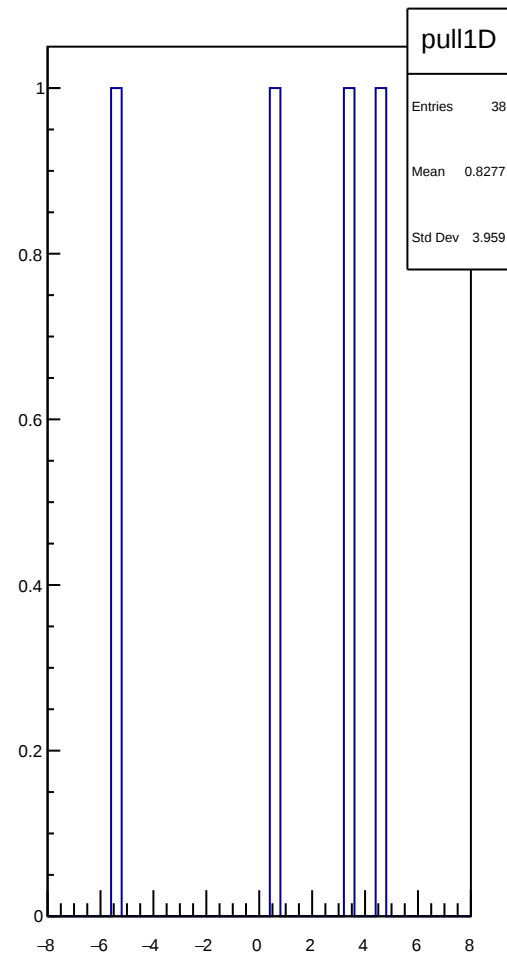
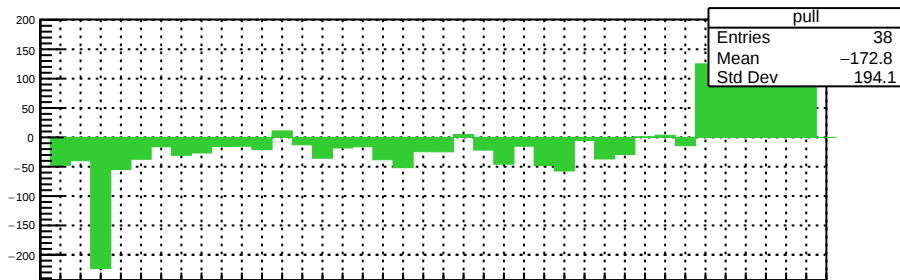
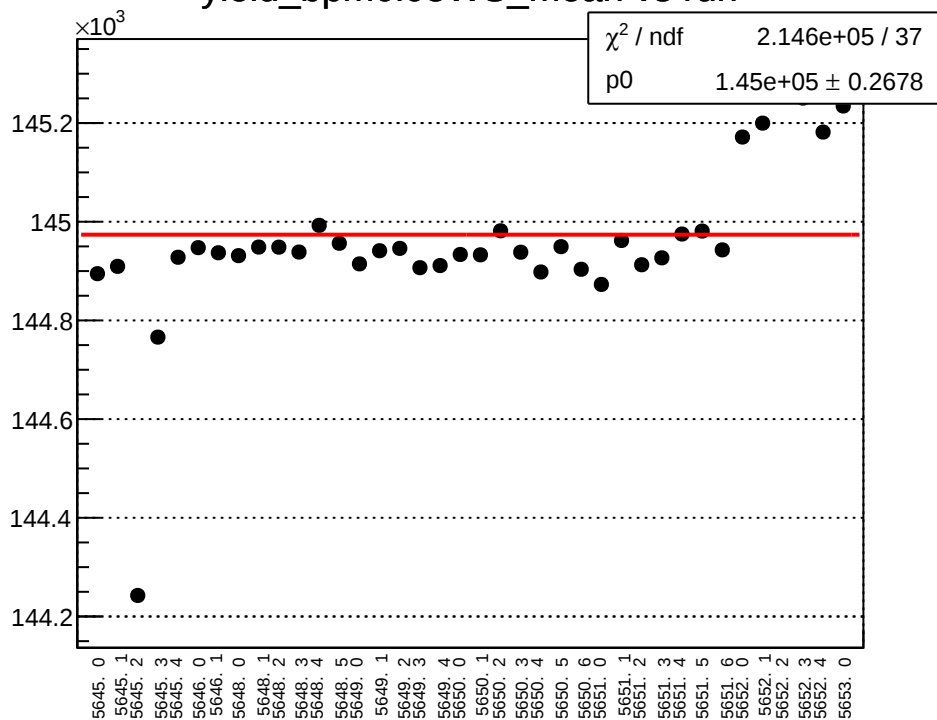
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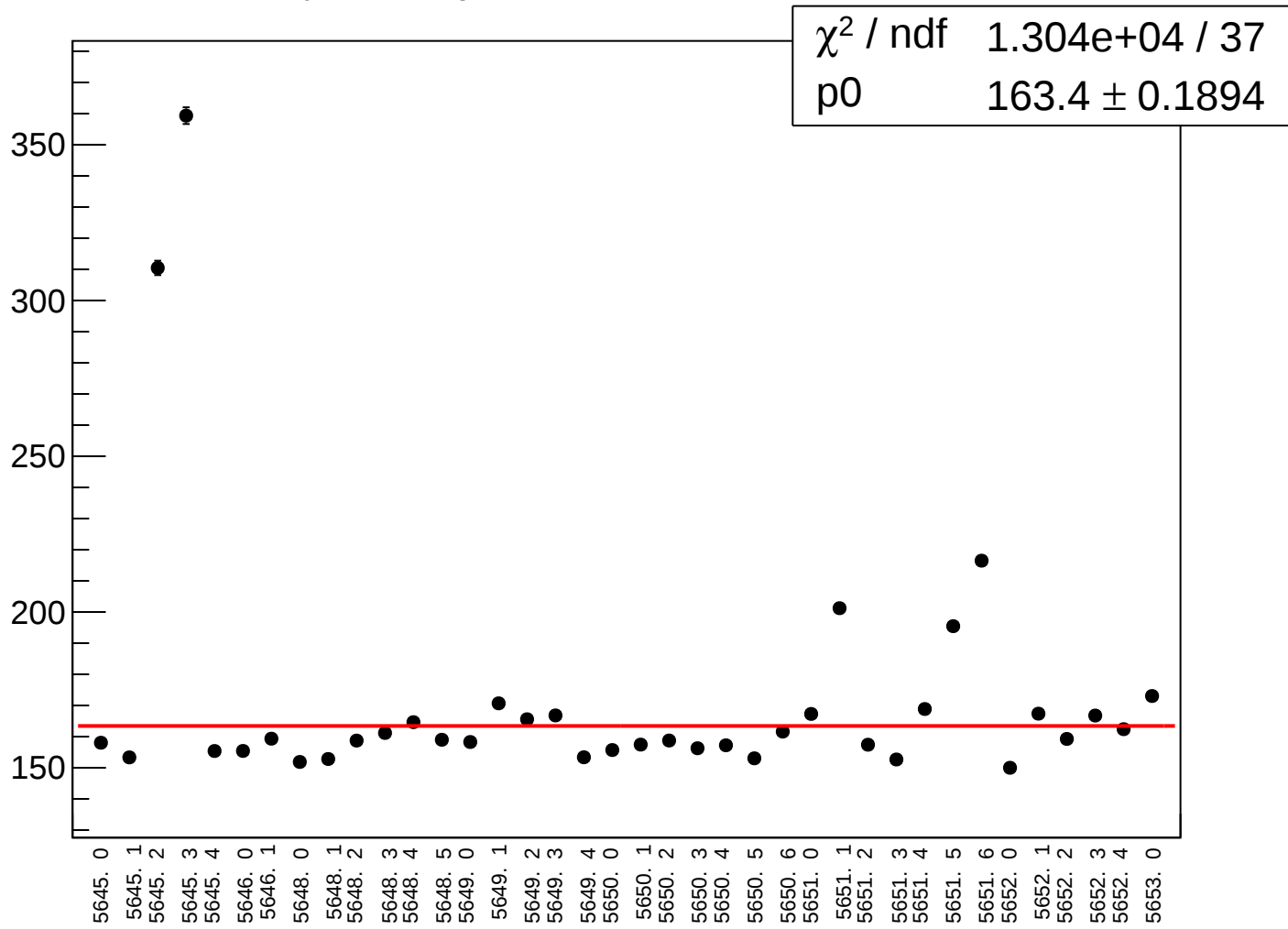
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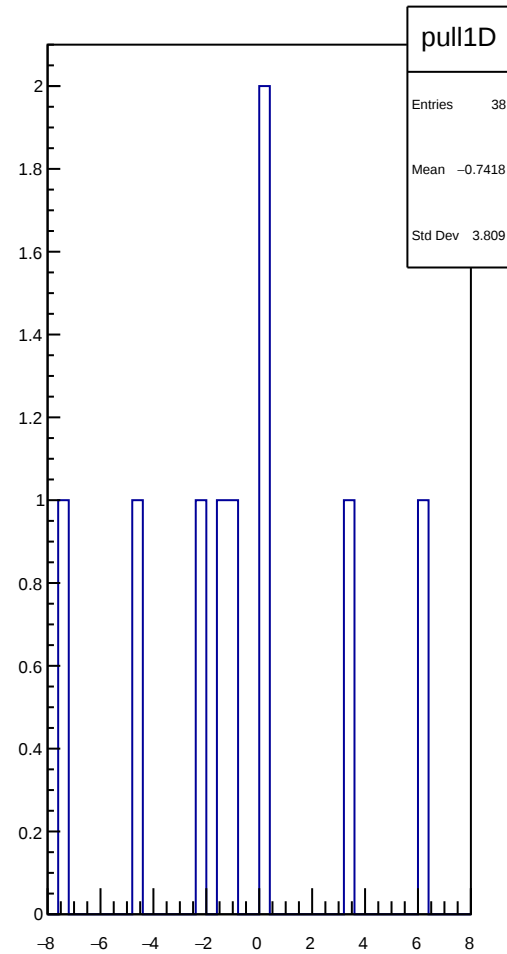
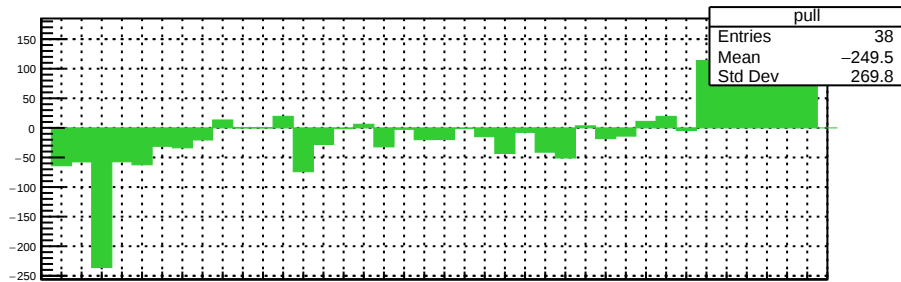
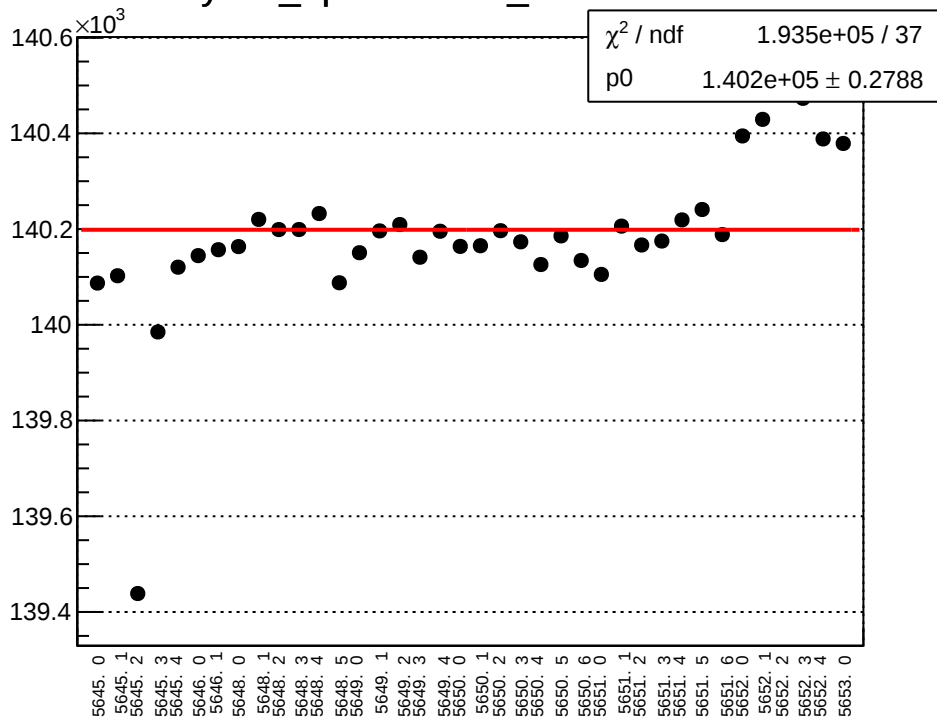
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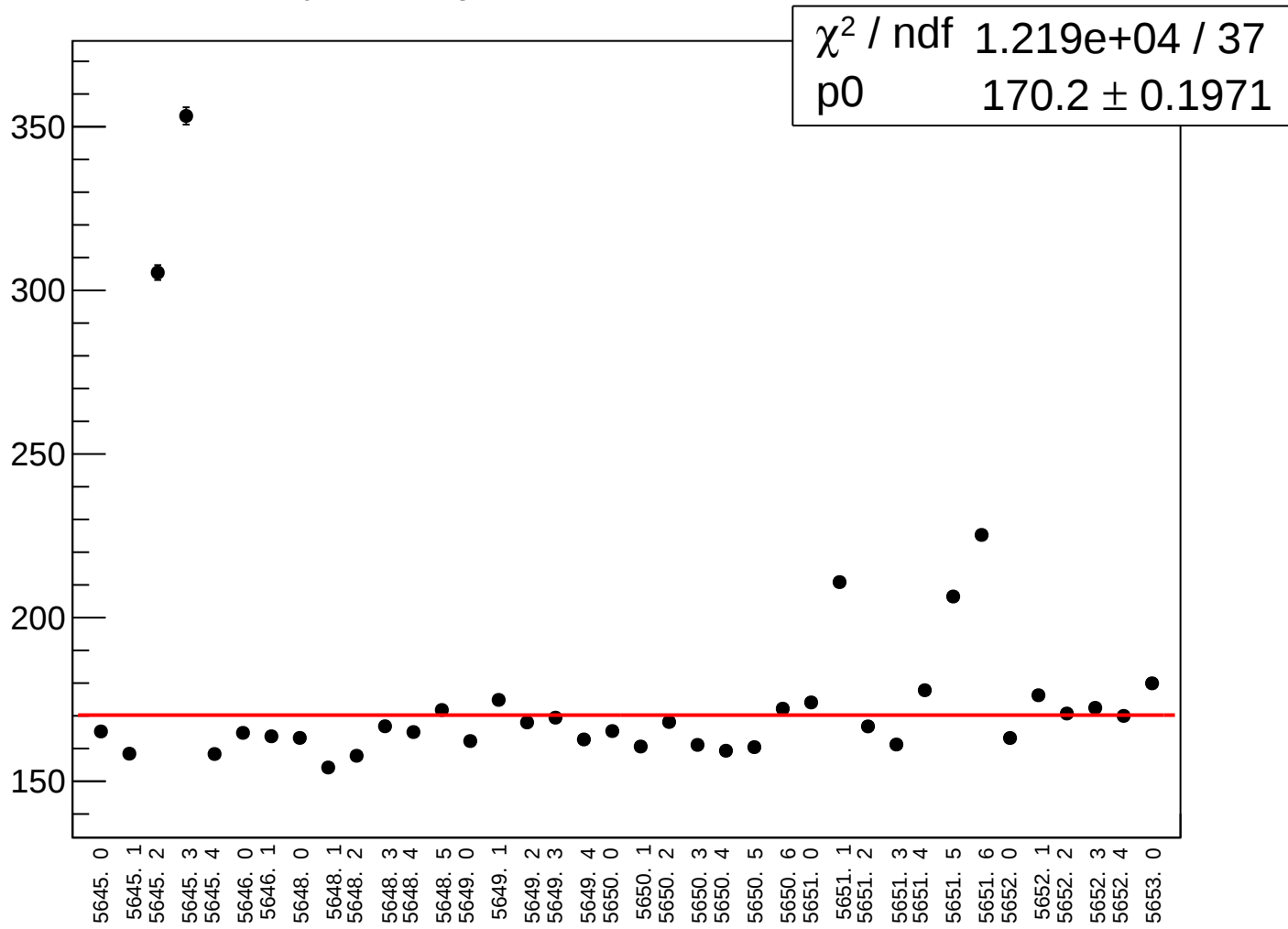
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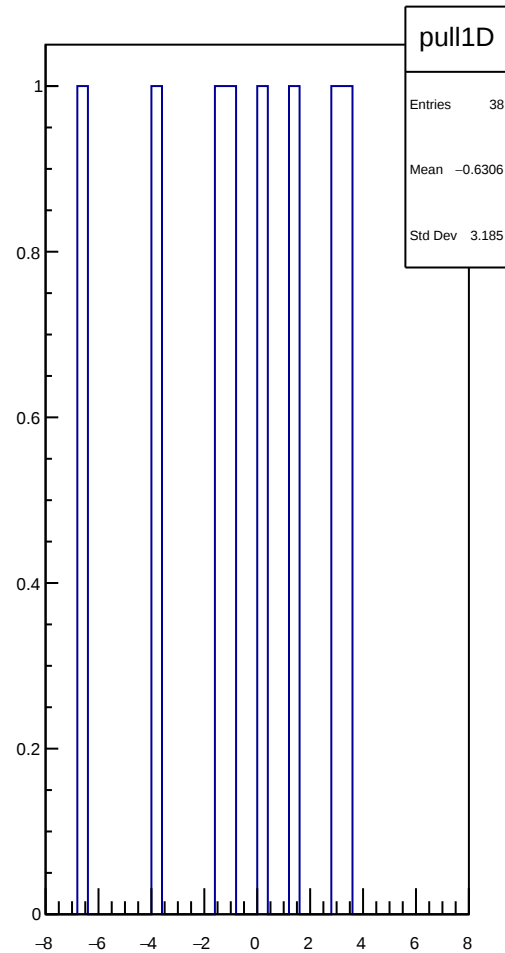
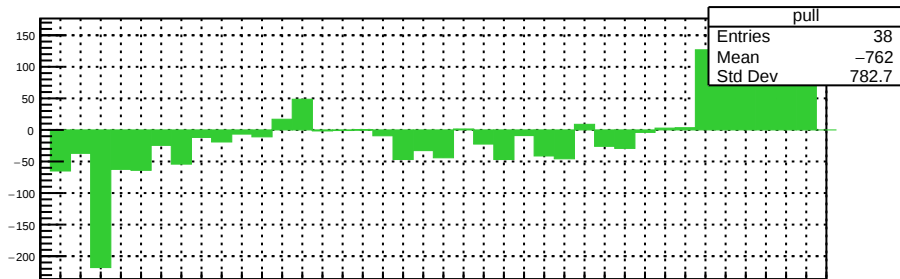
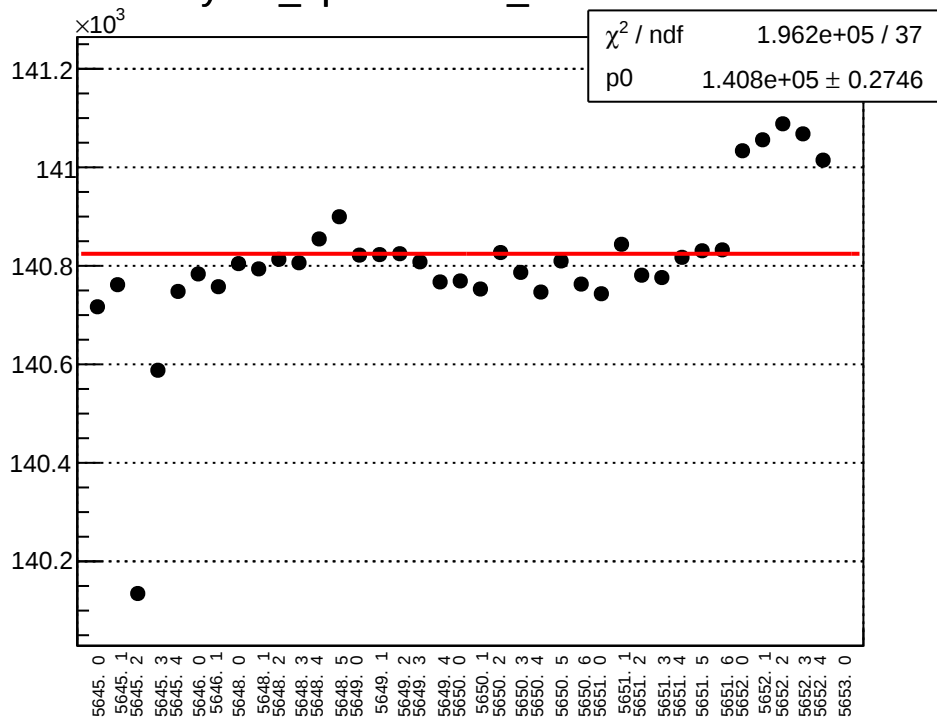
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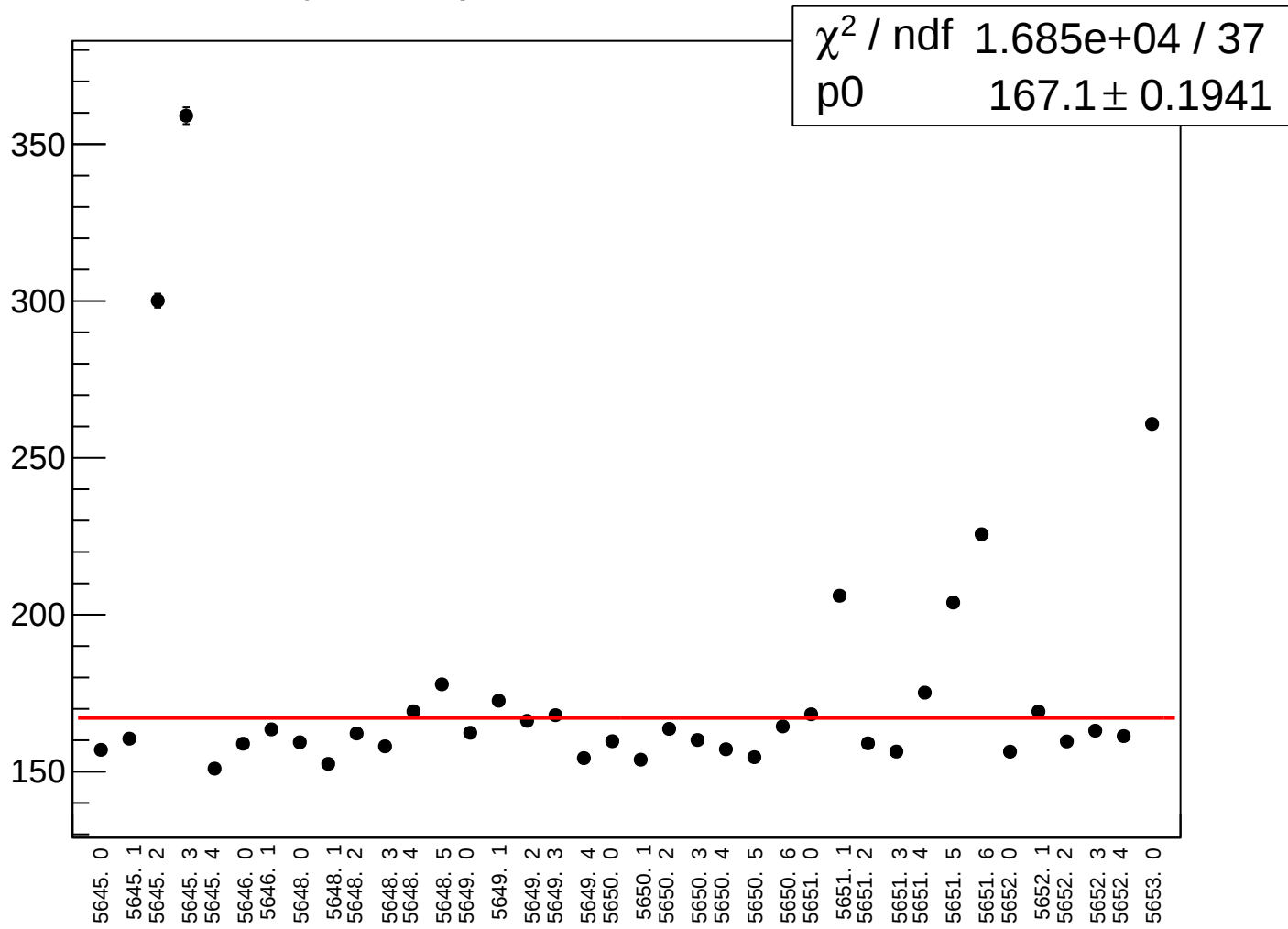
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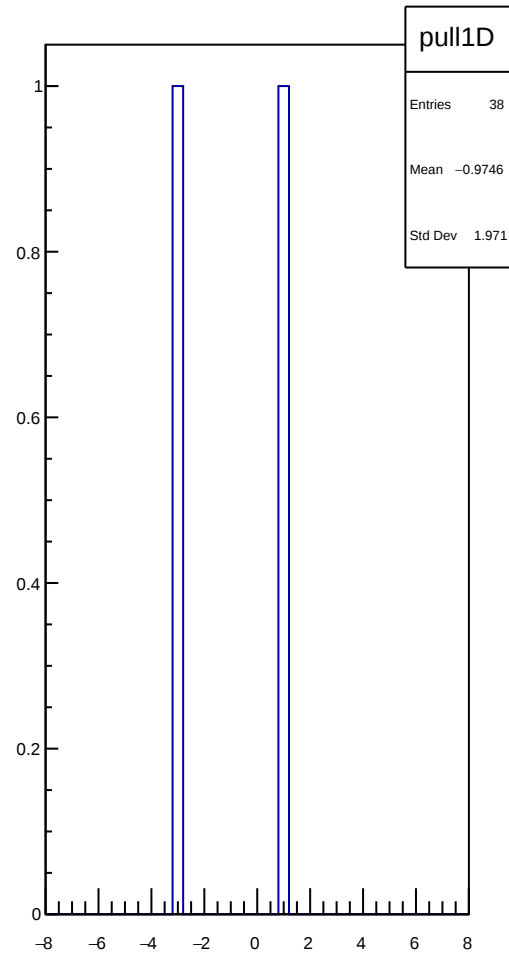
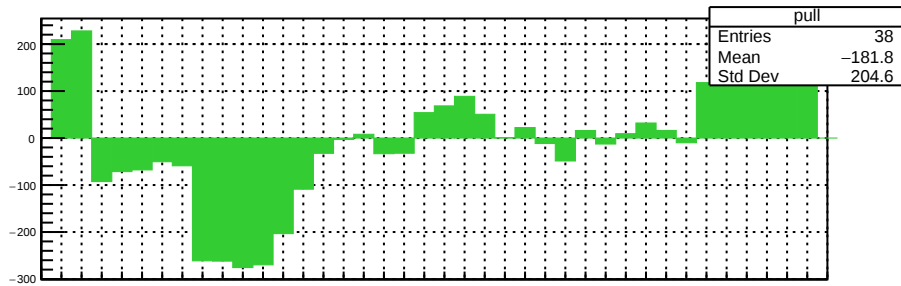
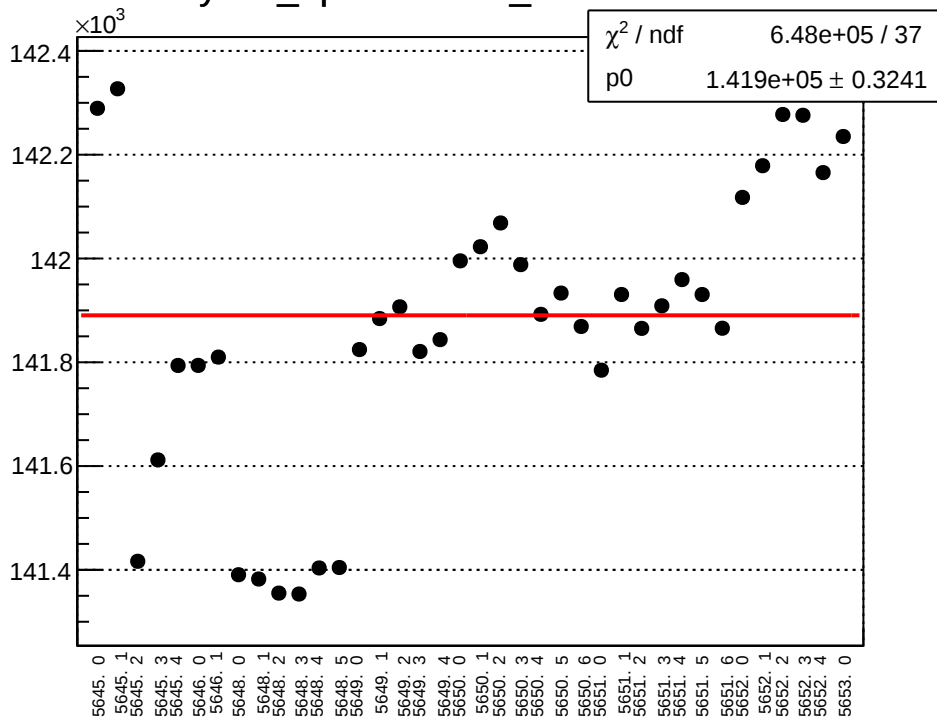
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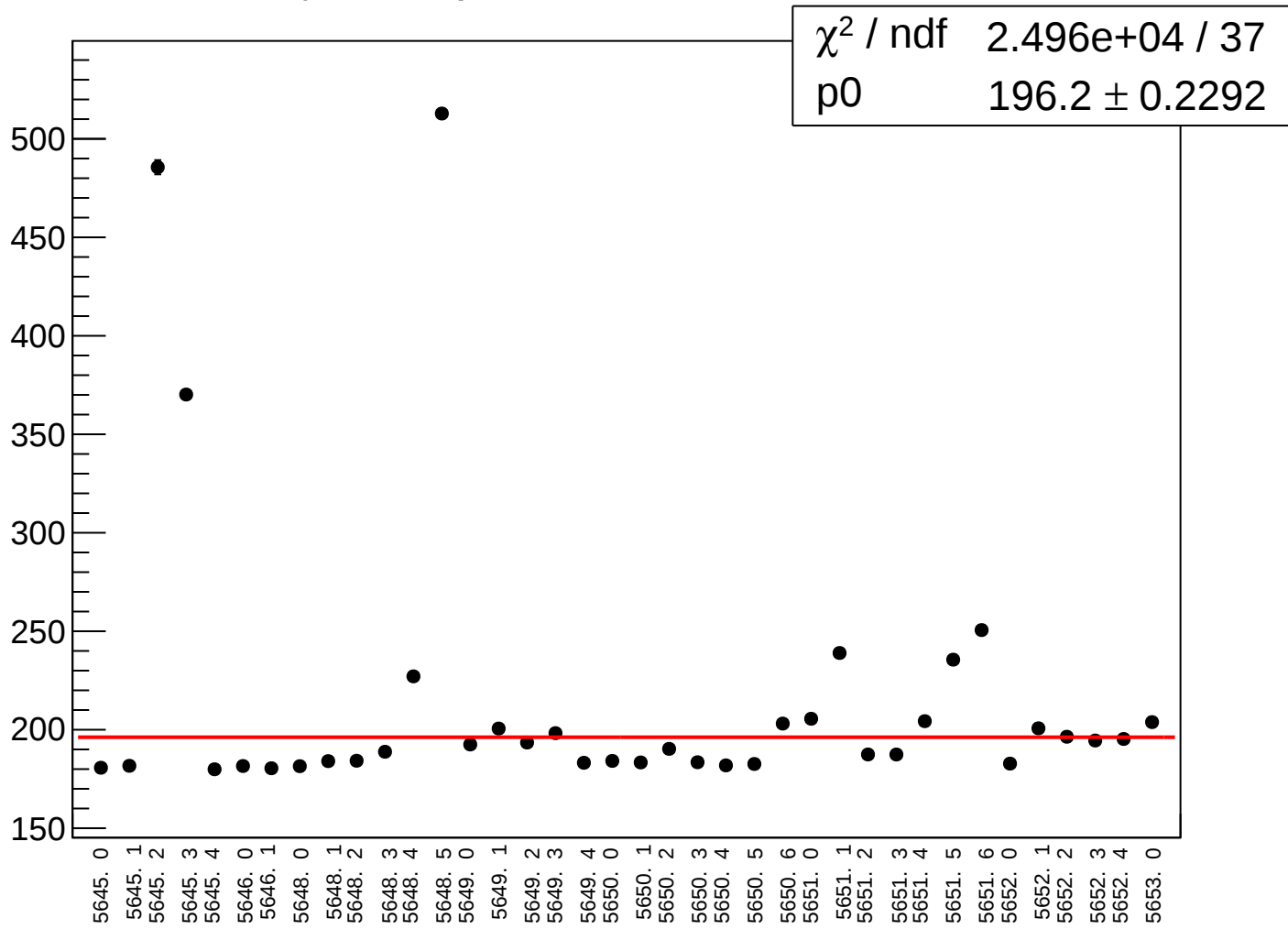
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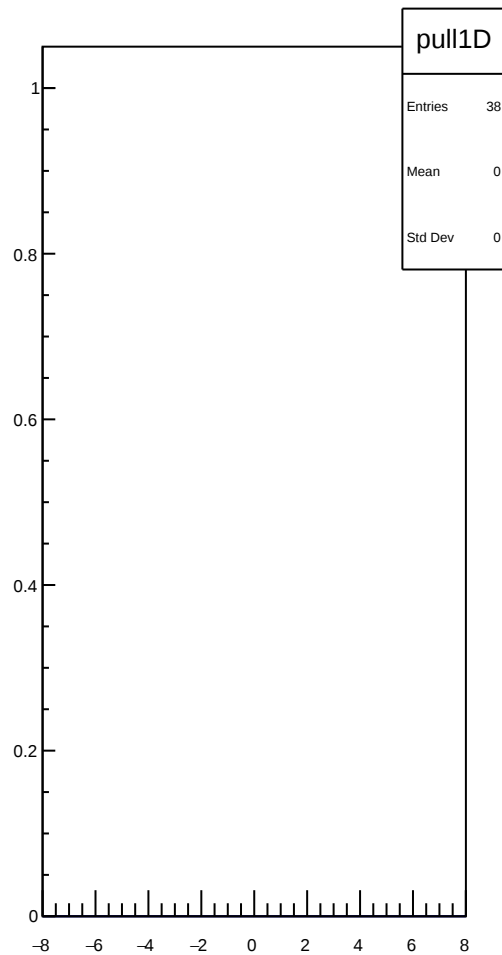
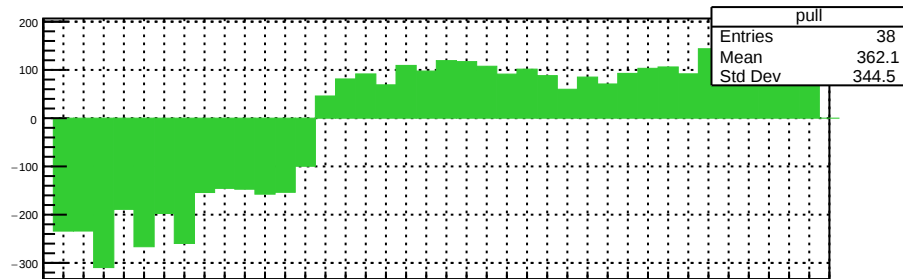
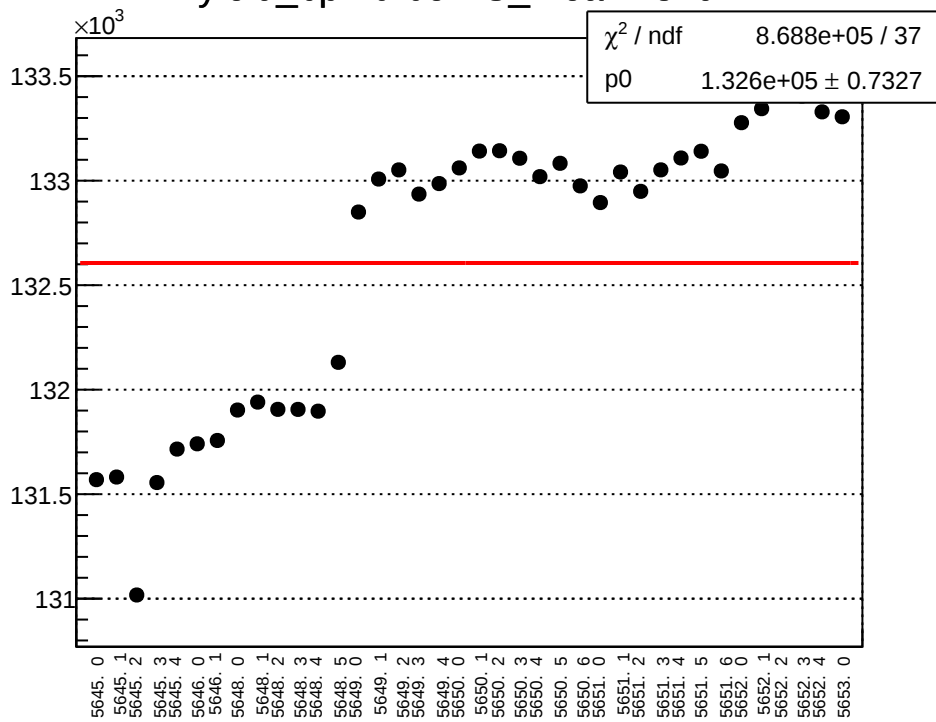
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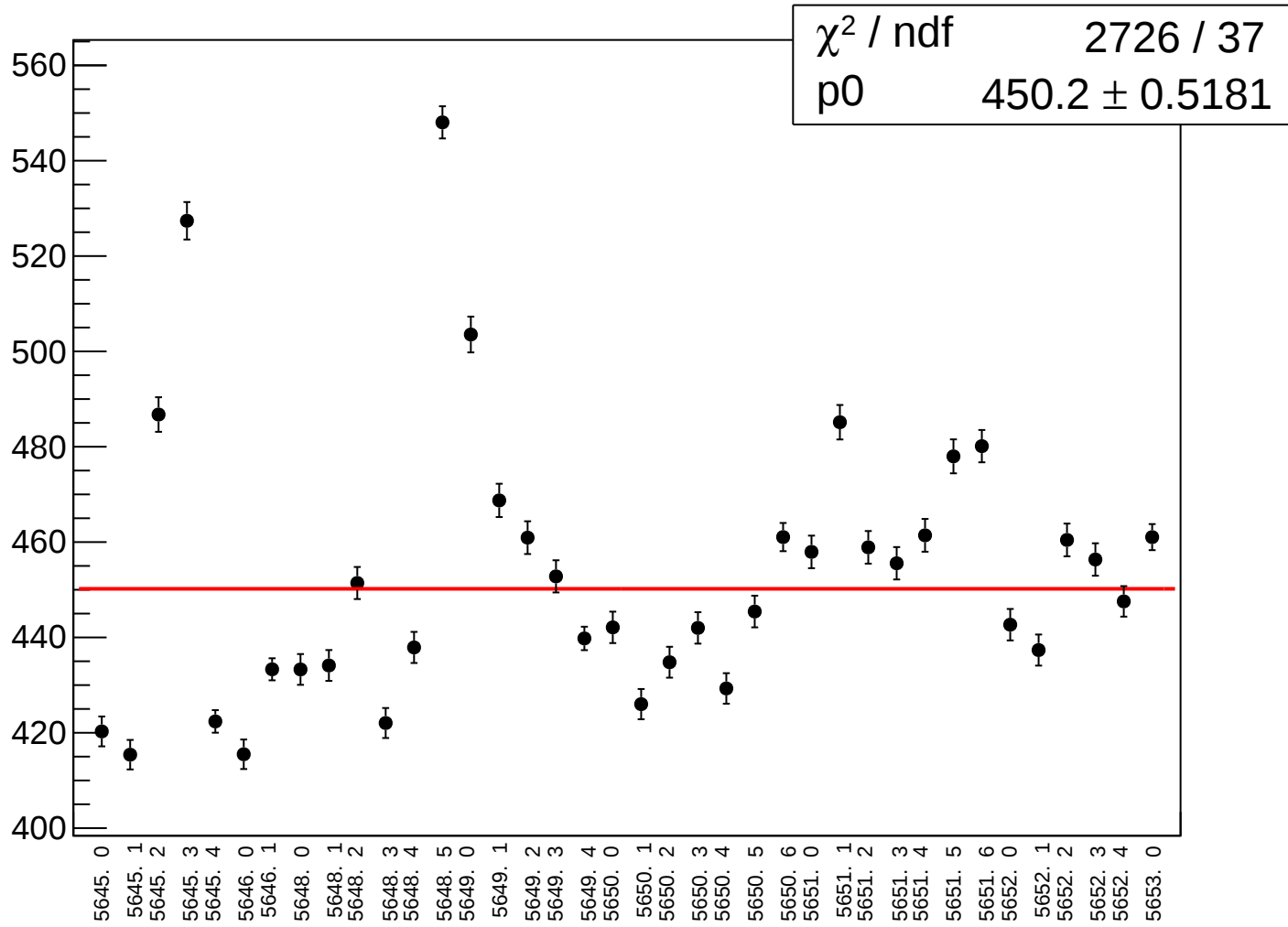
yield_bpm0r03WS_rms vs run



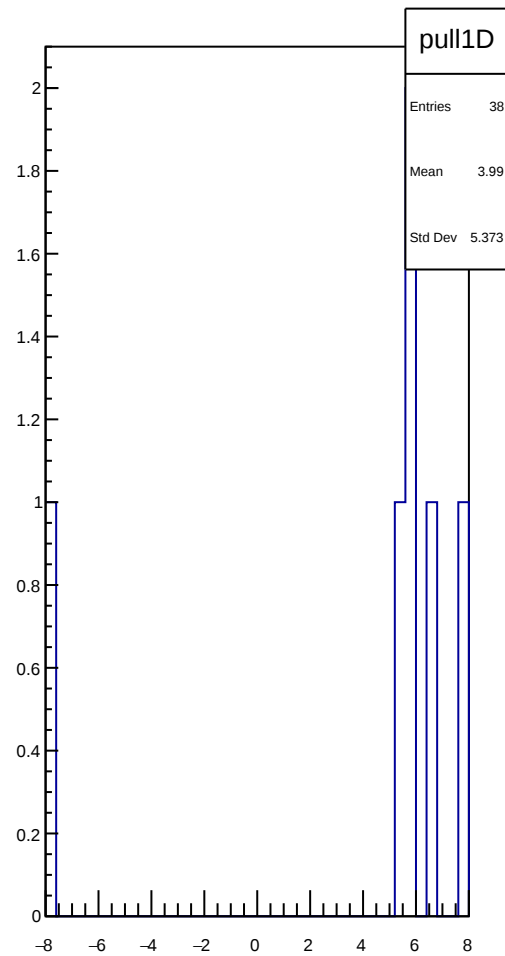
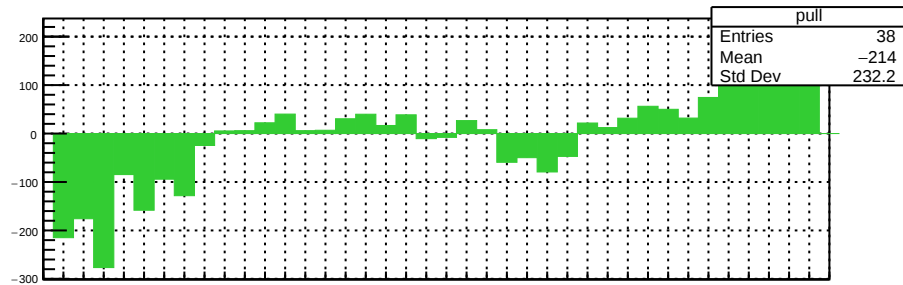
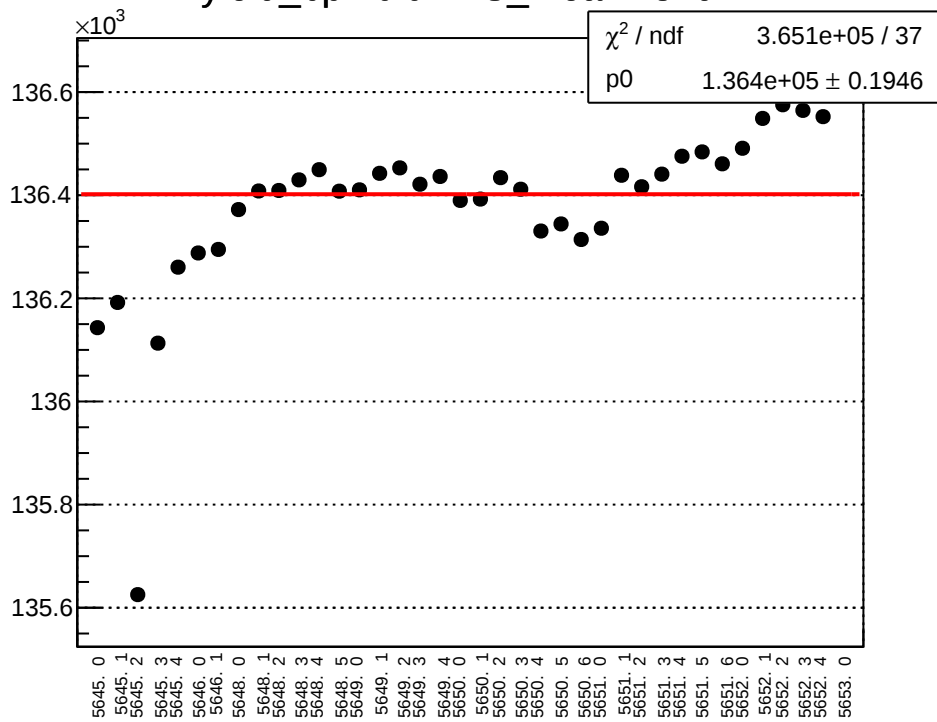
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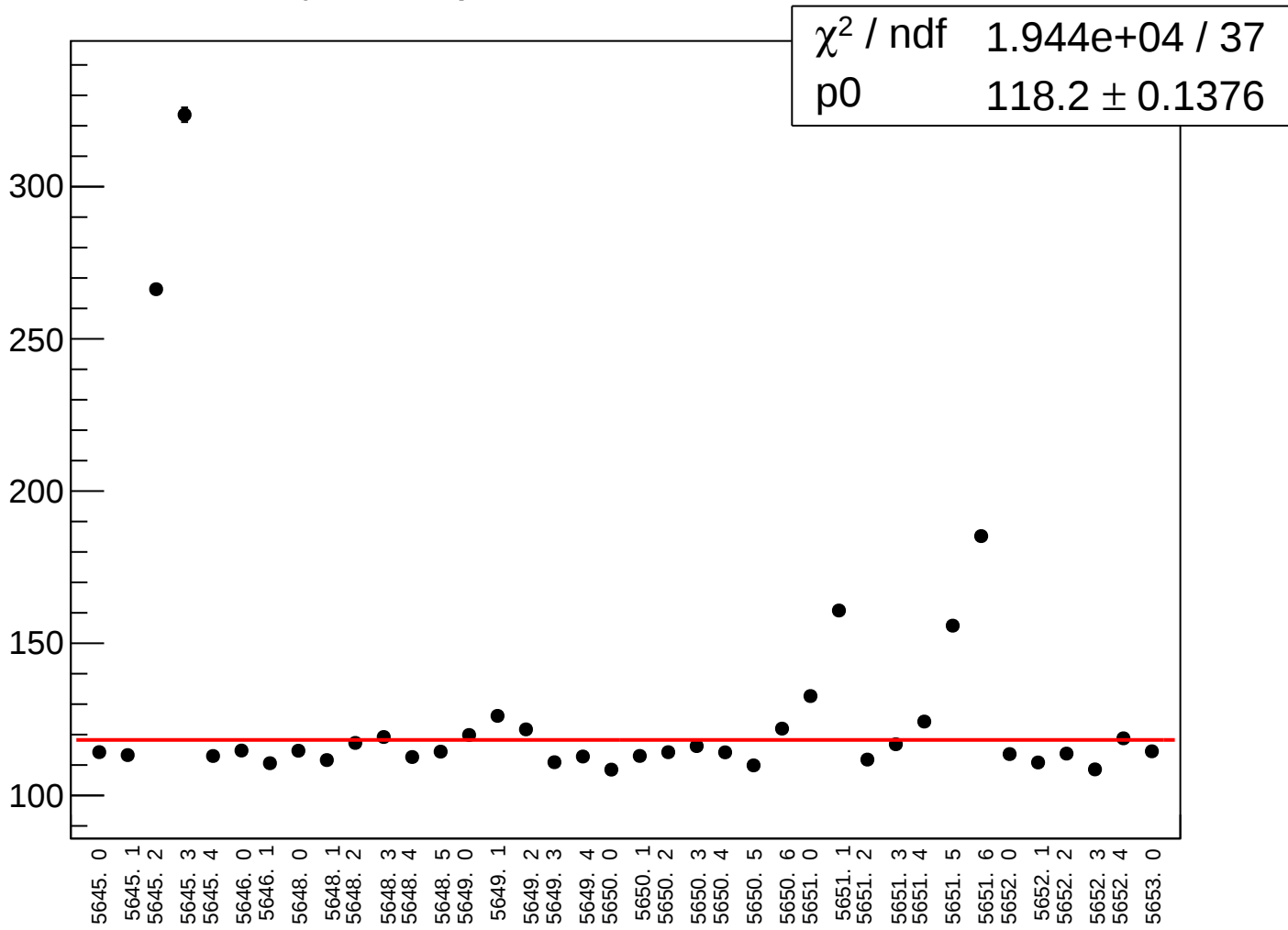
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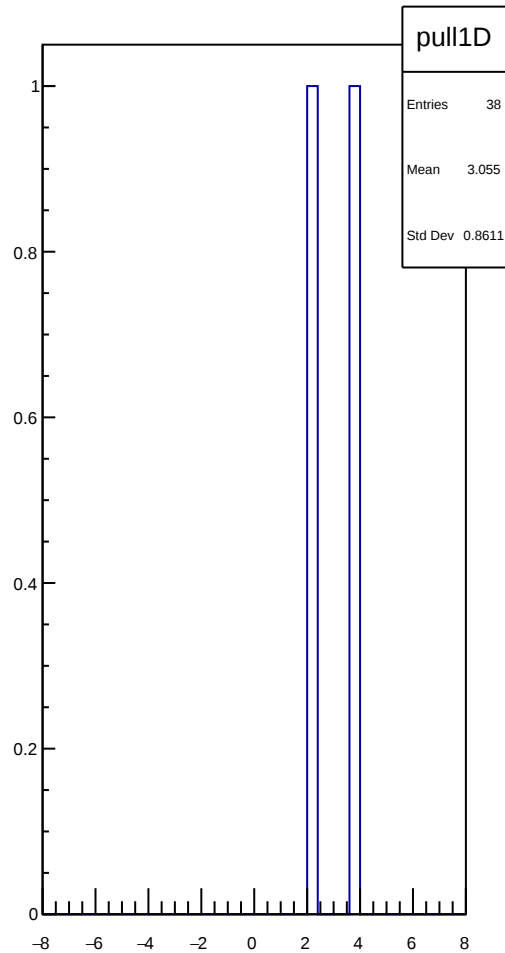
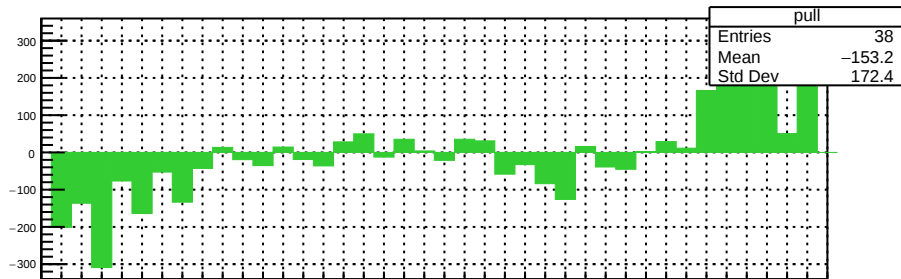
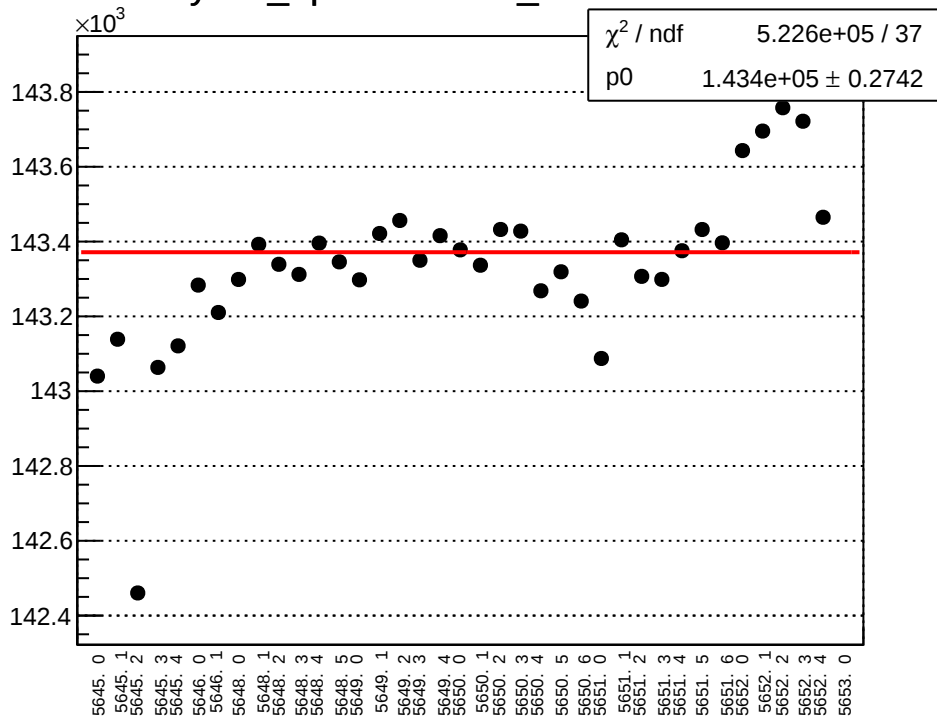
yield_bpm0i02WS_mean vs run



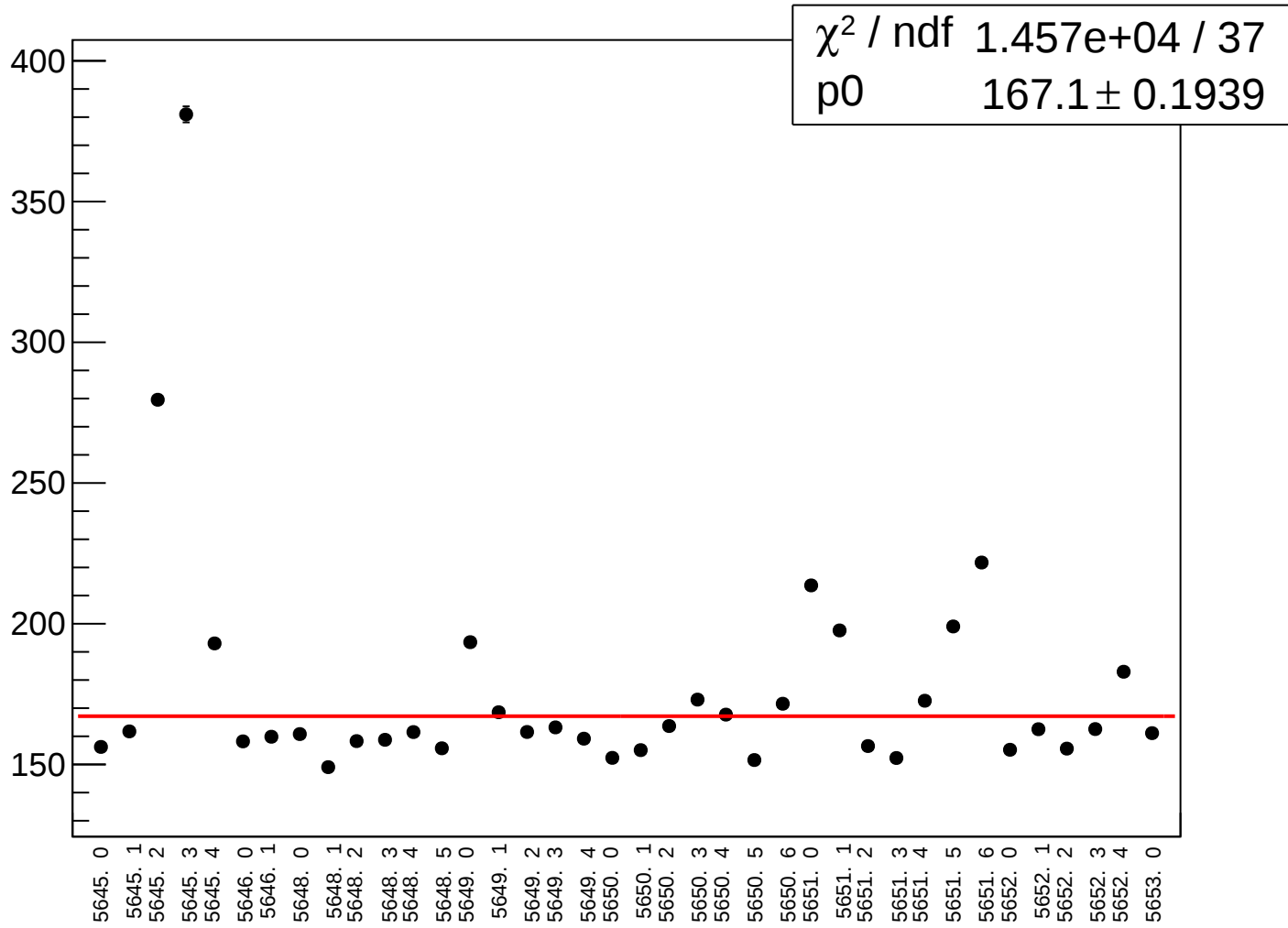
yield_bpm0i02WS_rms vs run



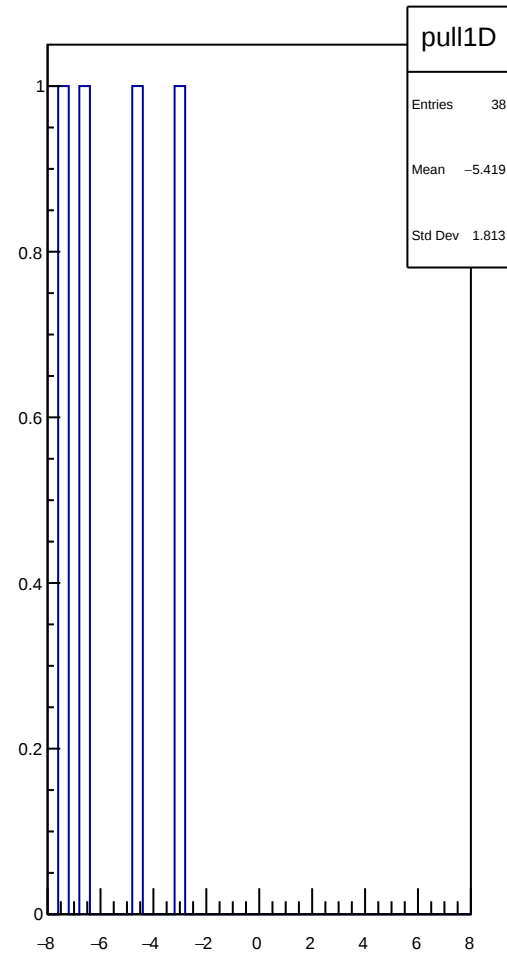
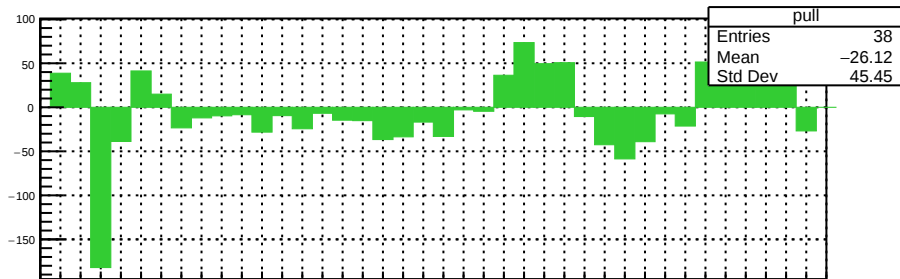
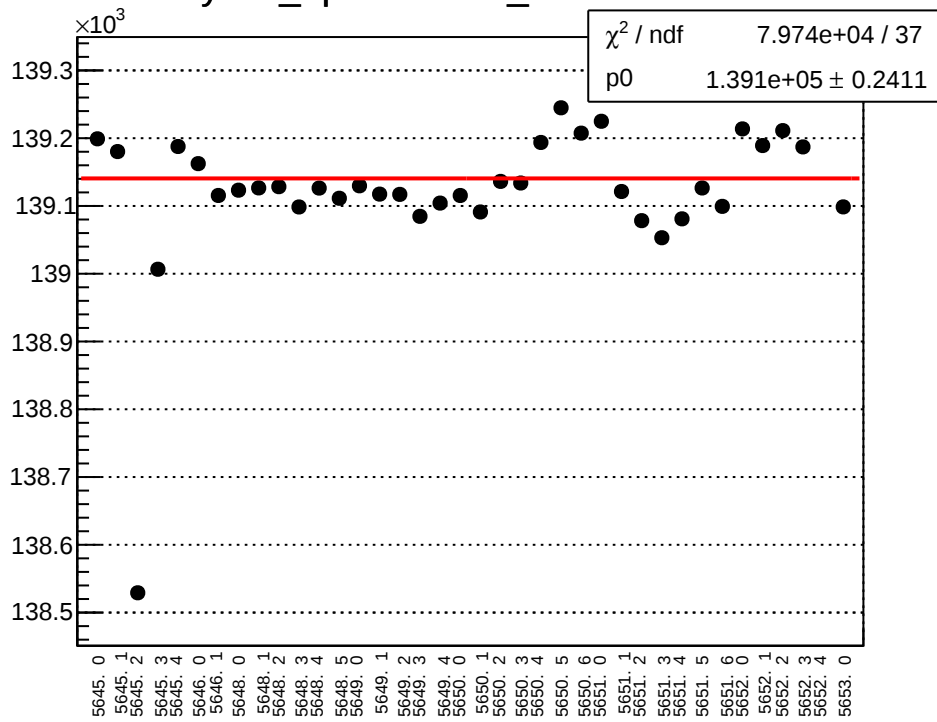
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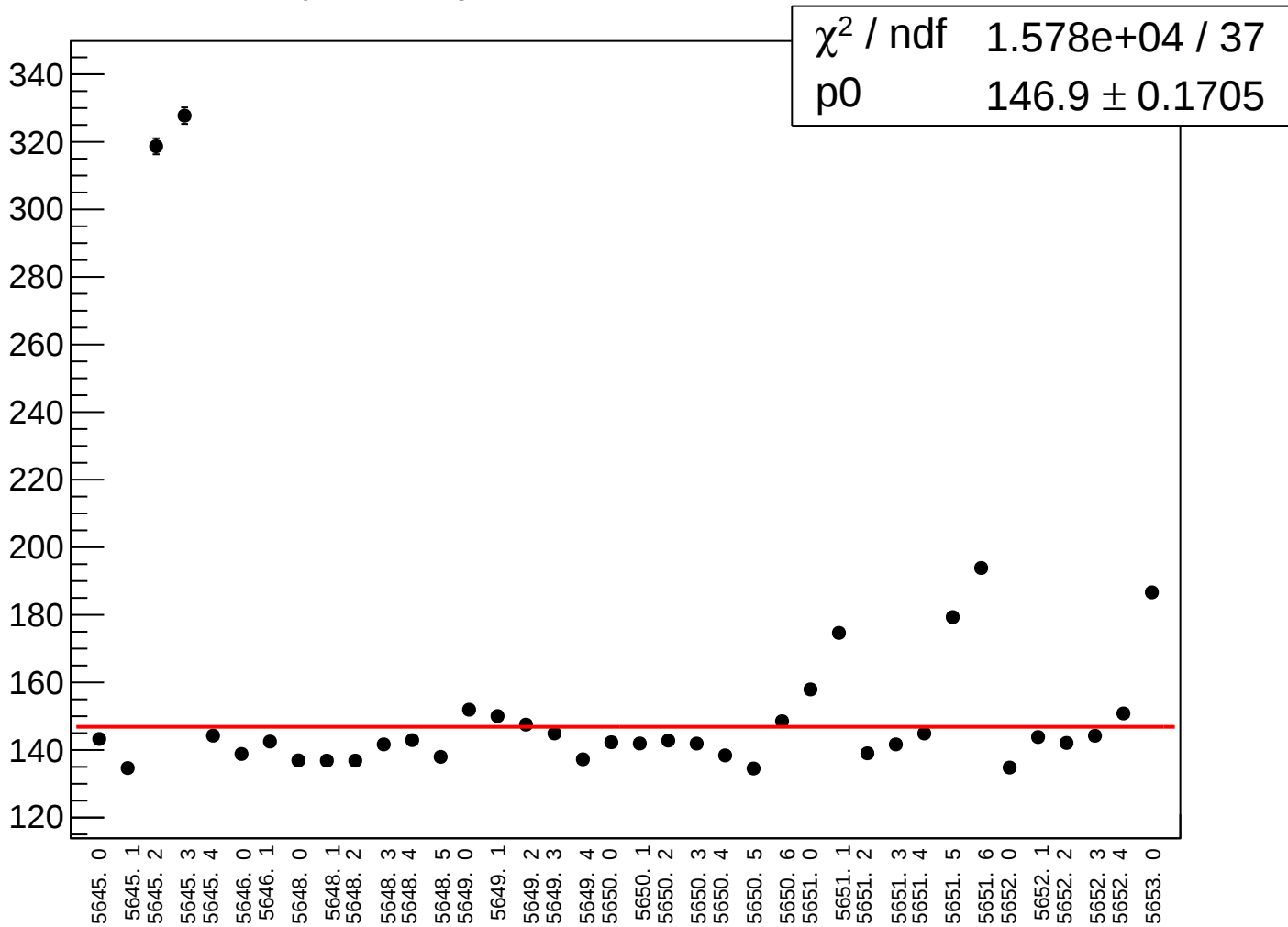
yield_bpm0i02aWS_rms vs run



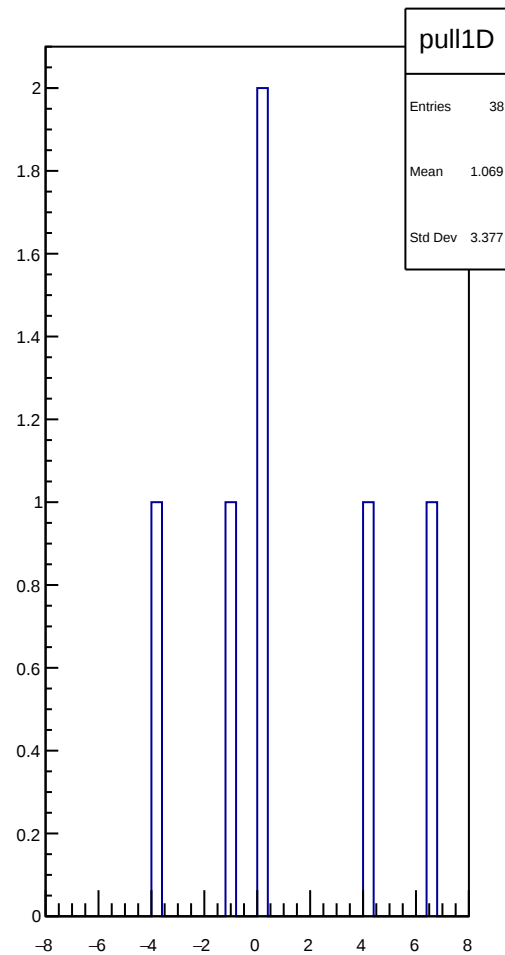
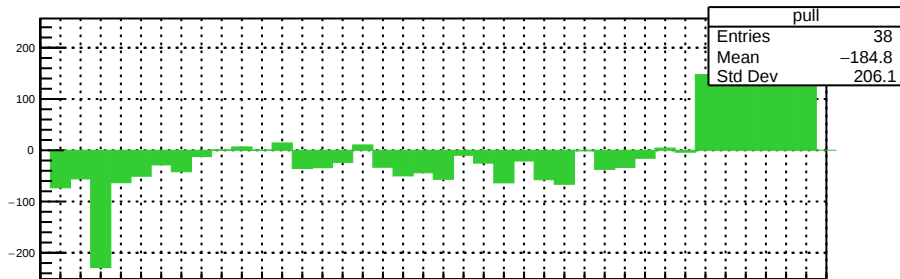
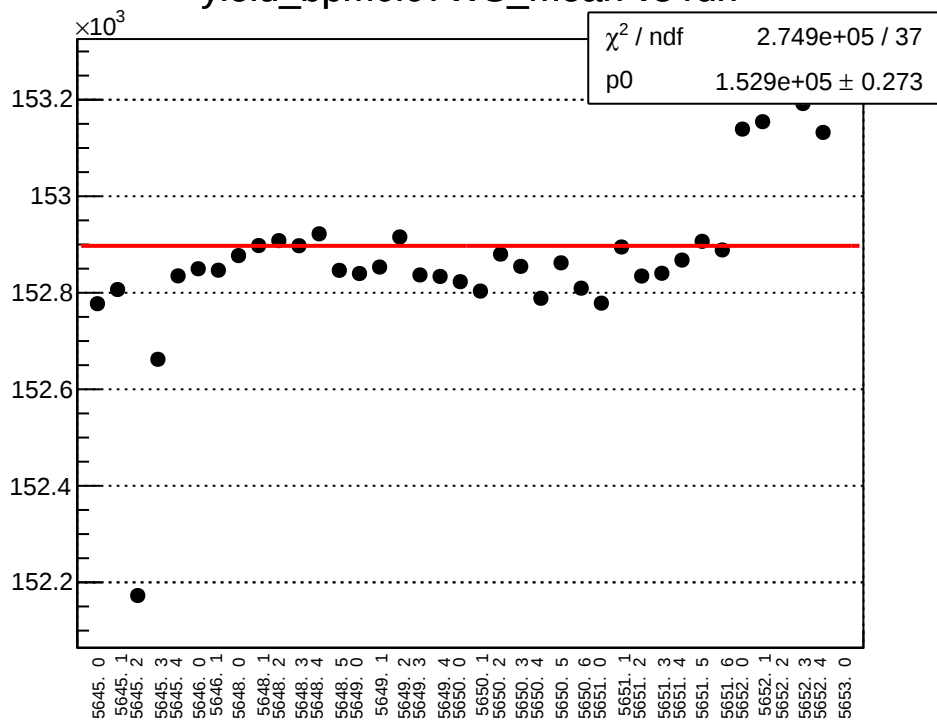
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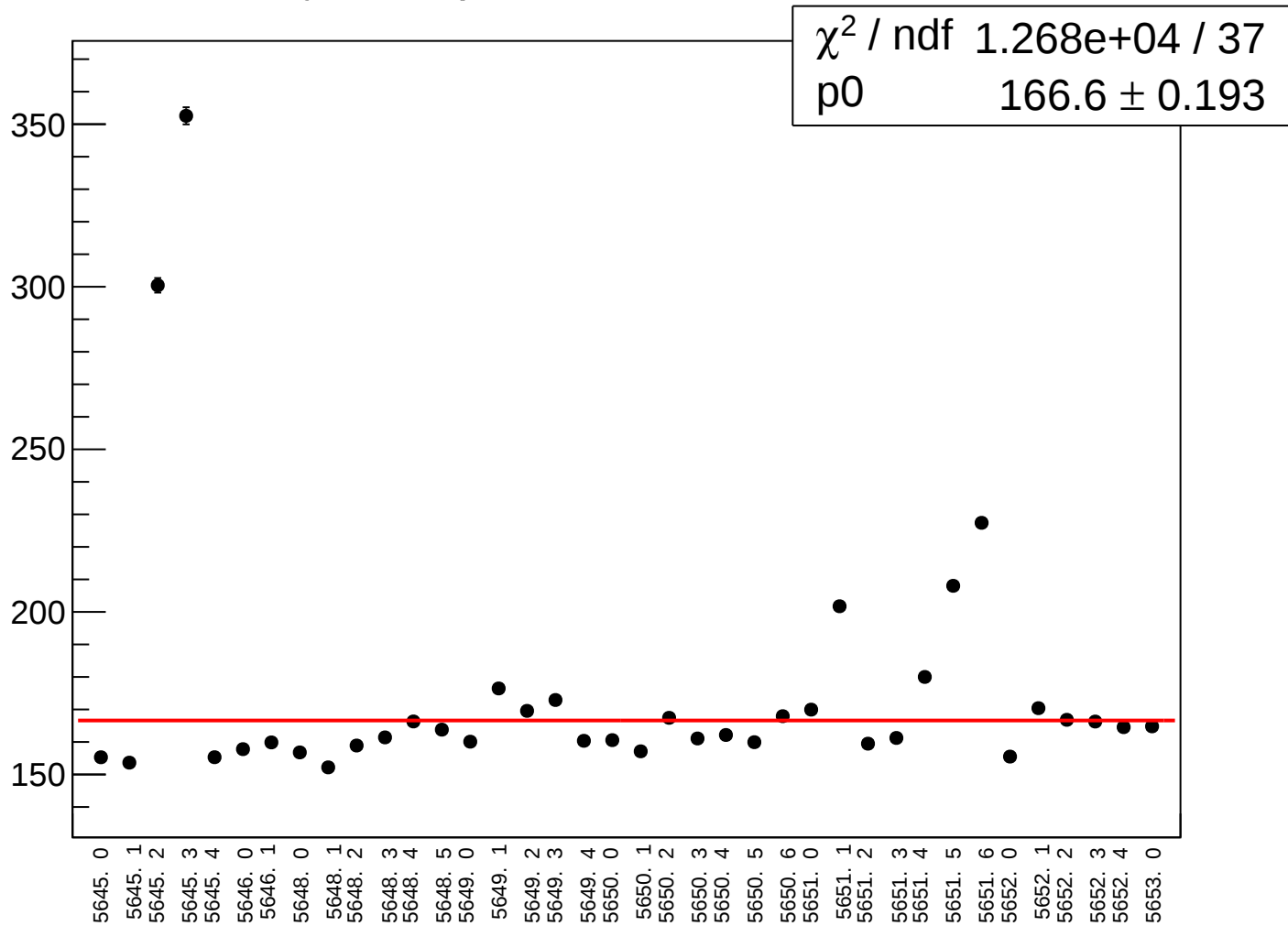
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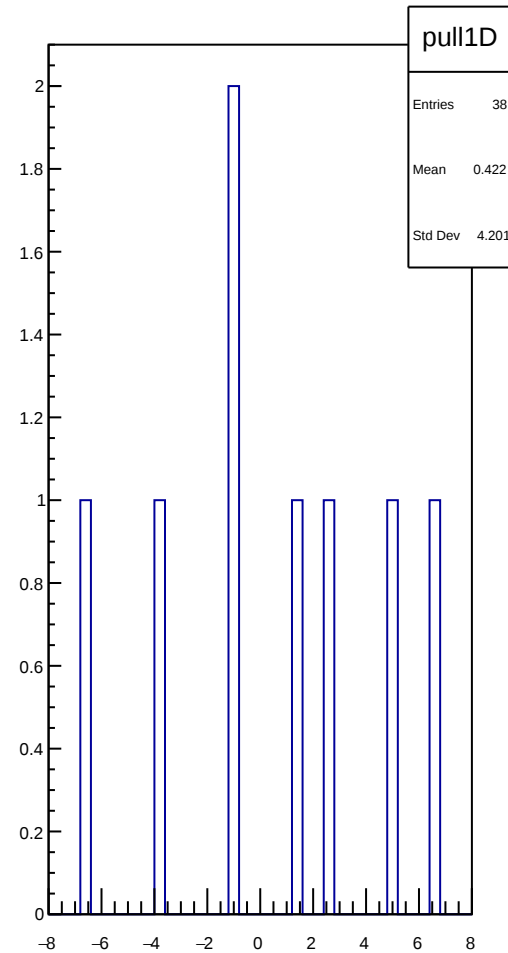
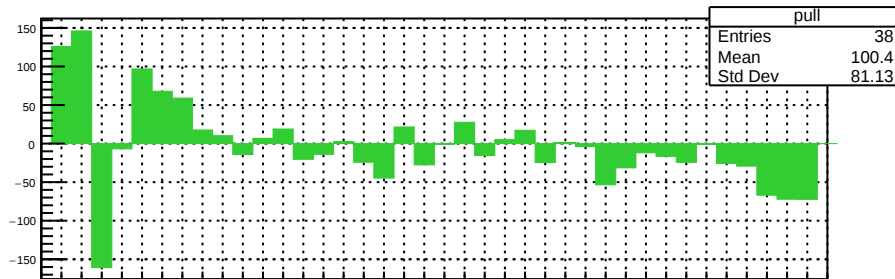
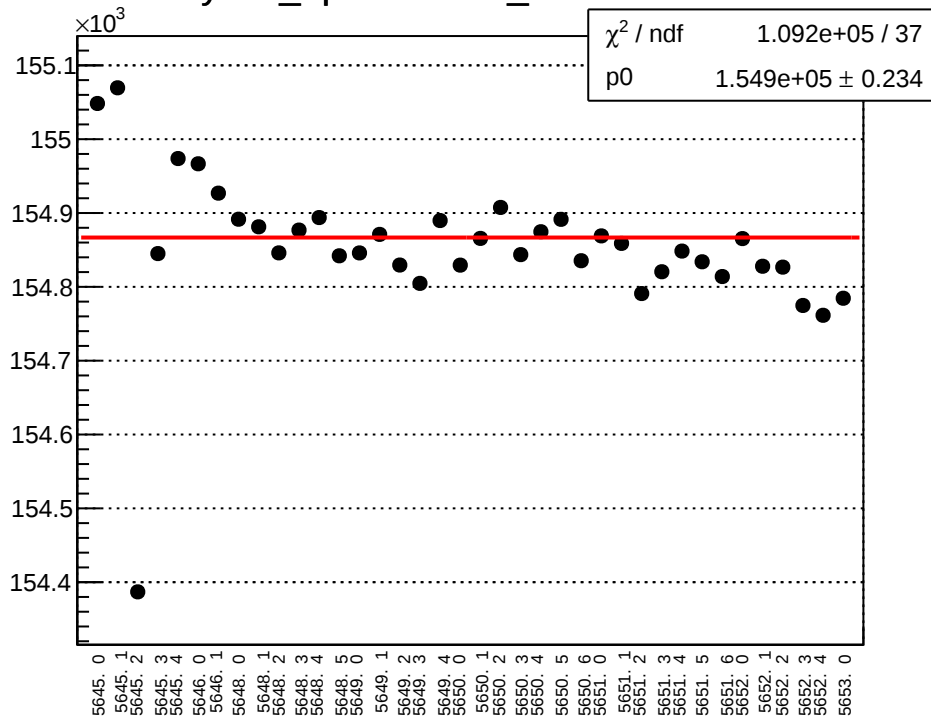
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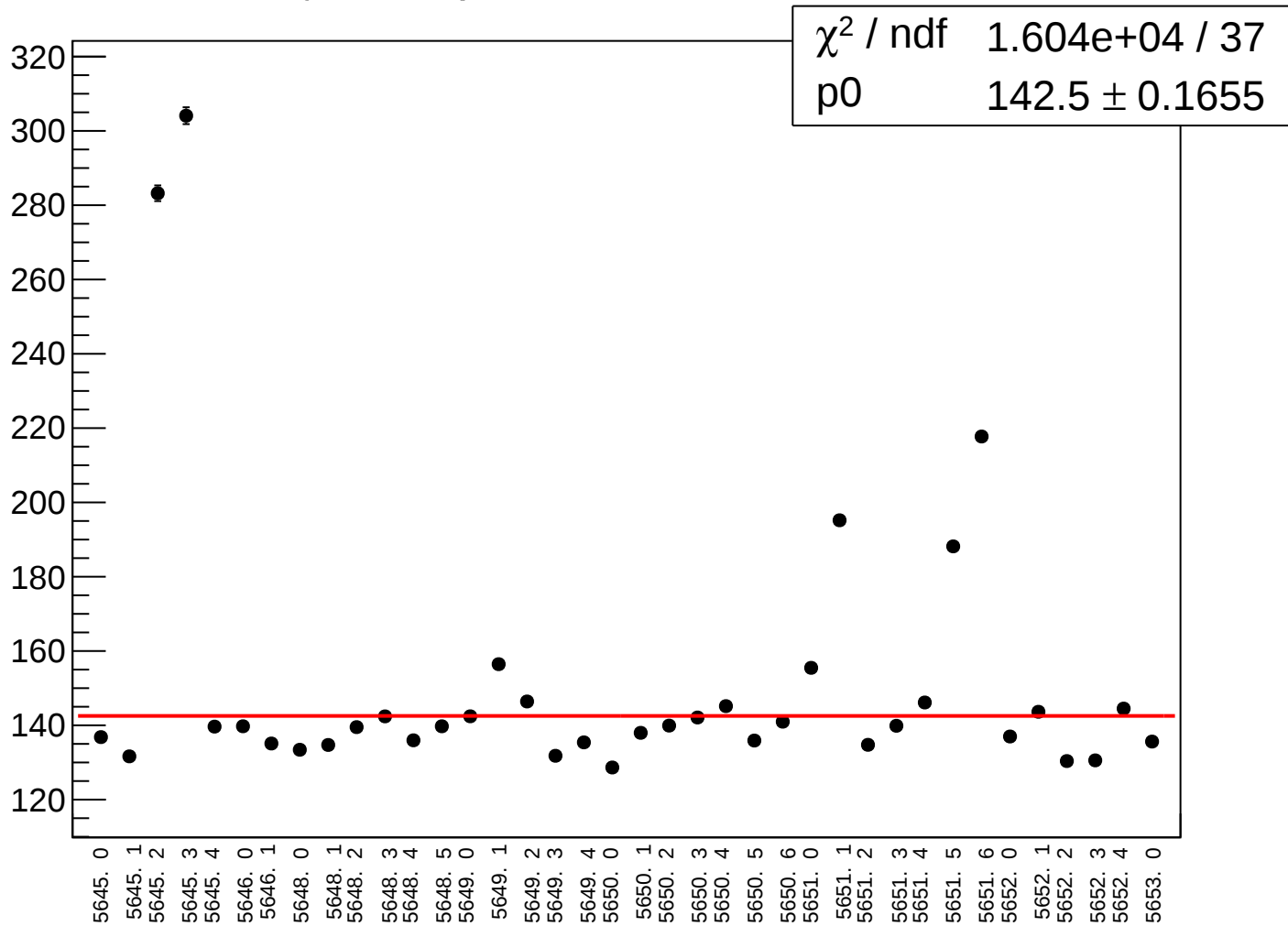
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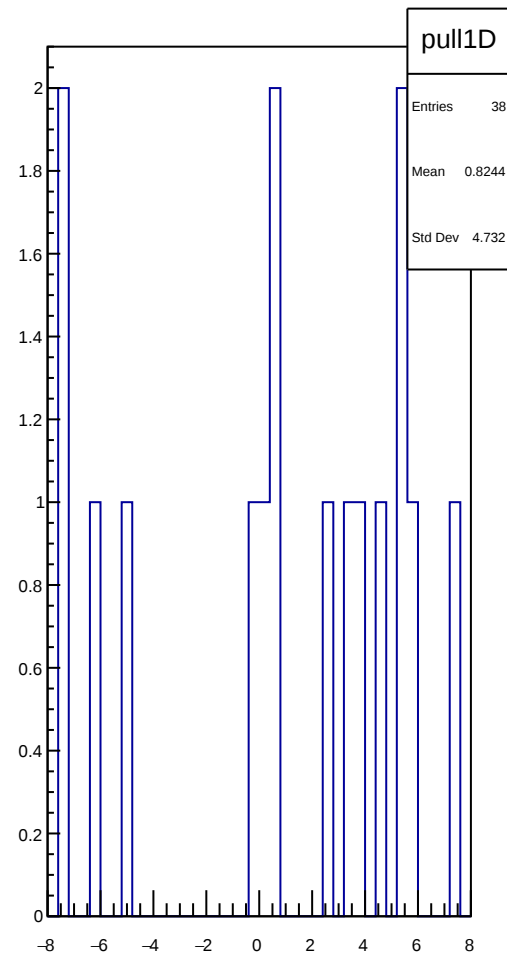
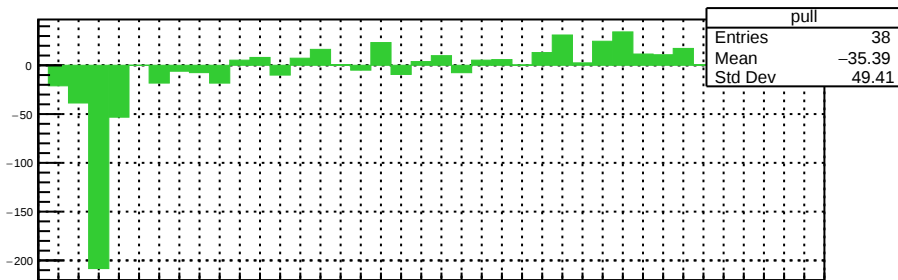
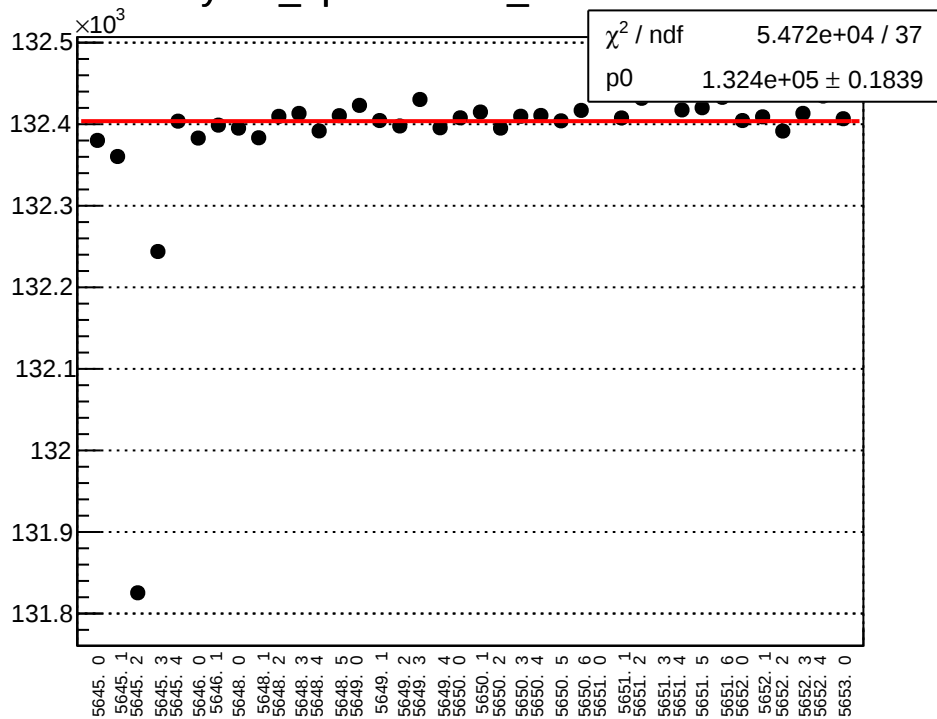
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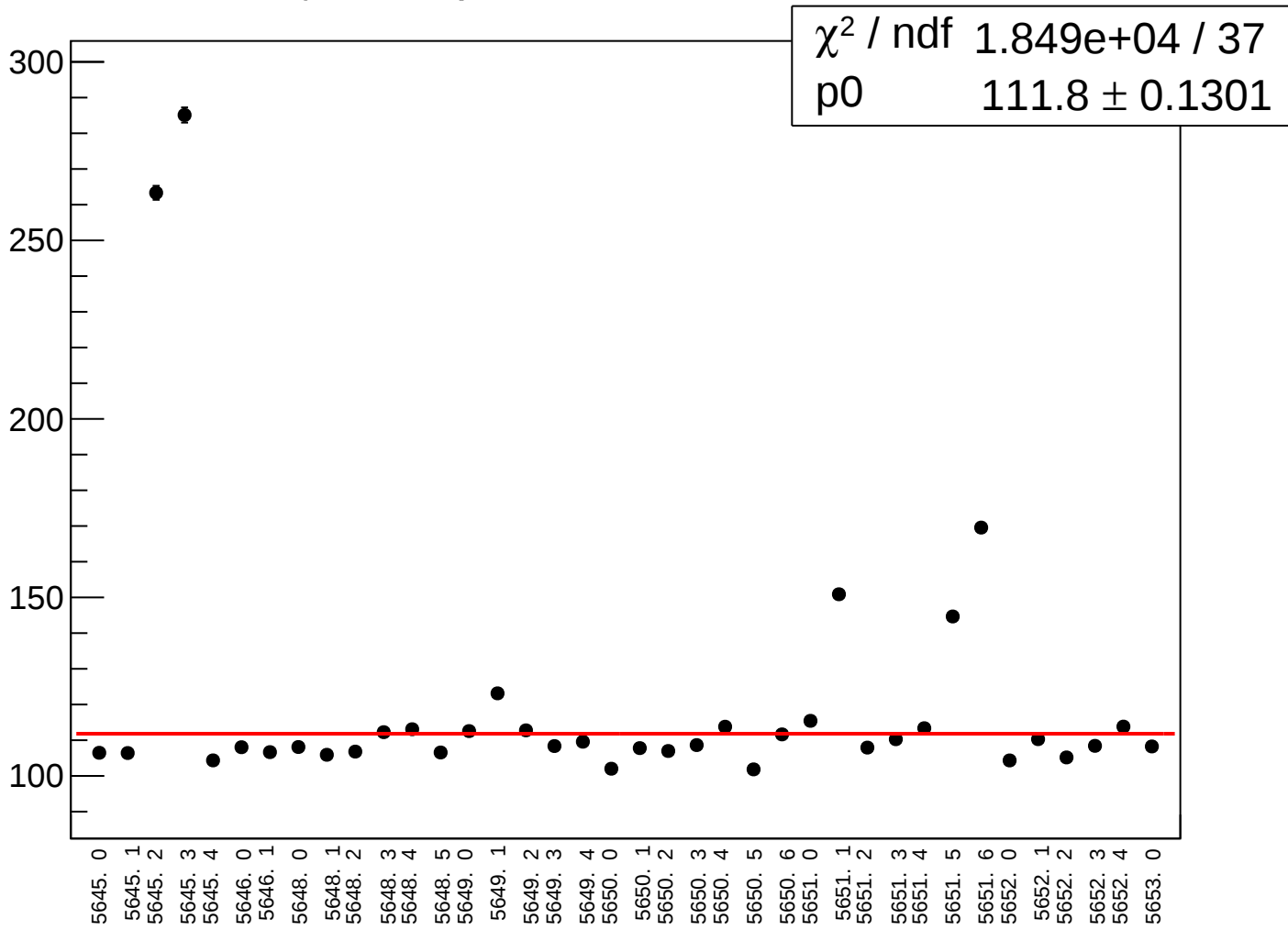
yield_bpm1i02WS_rms vs run



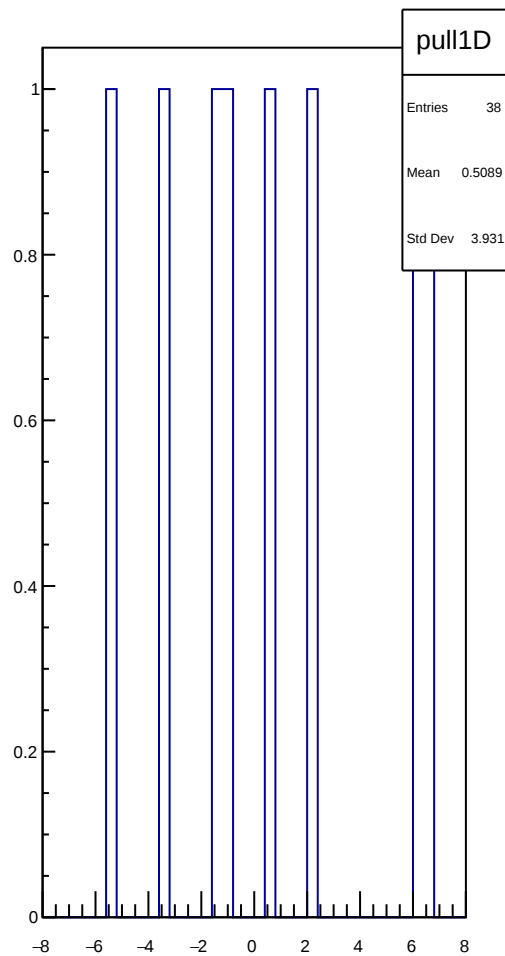
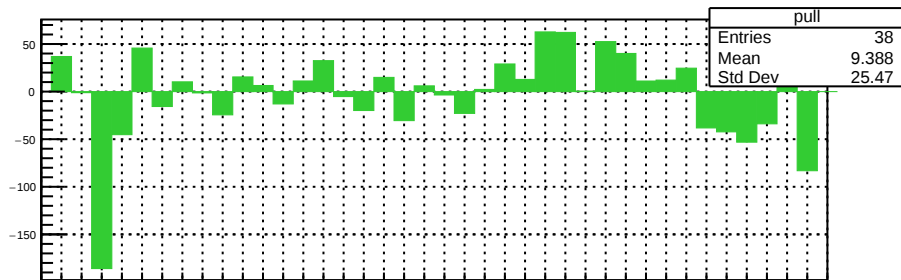
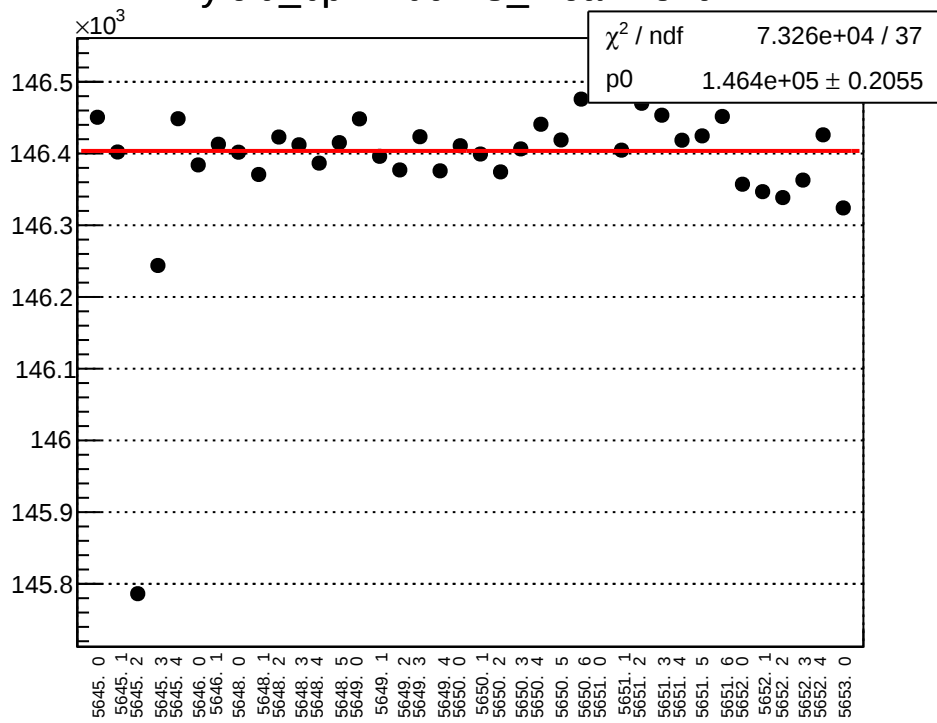
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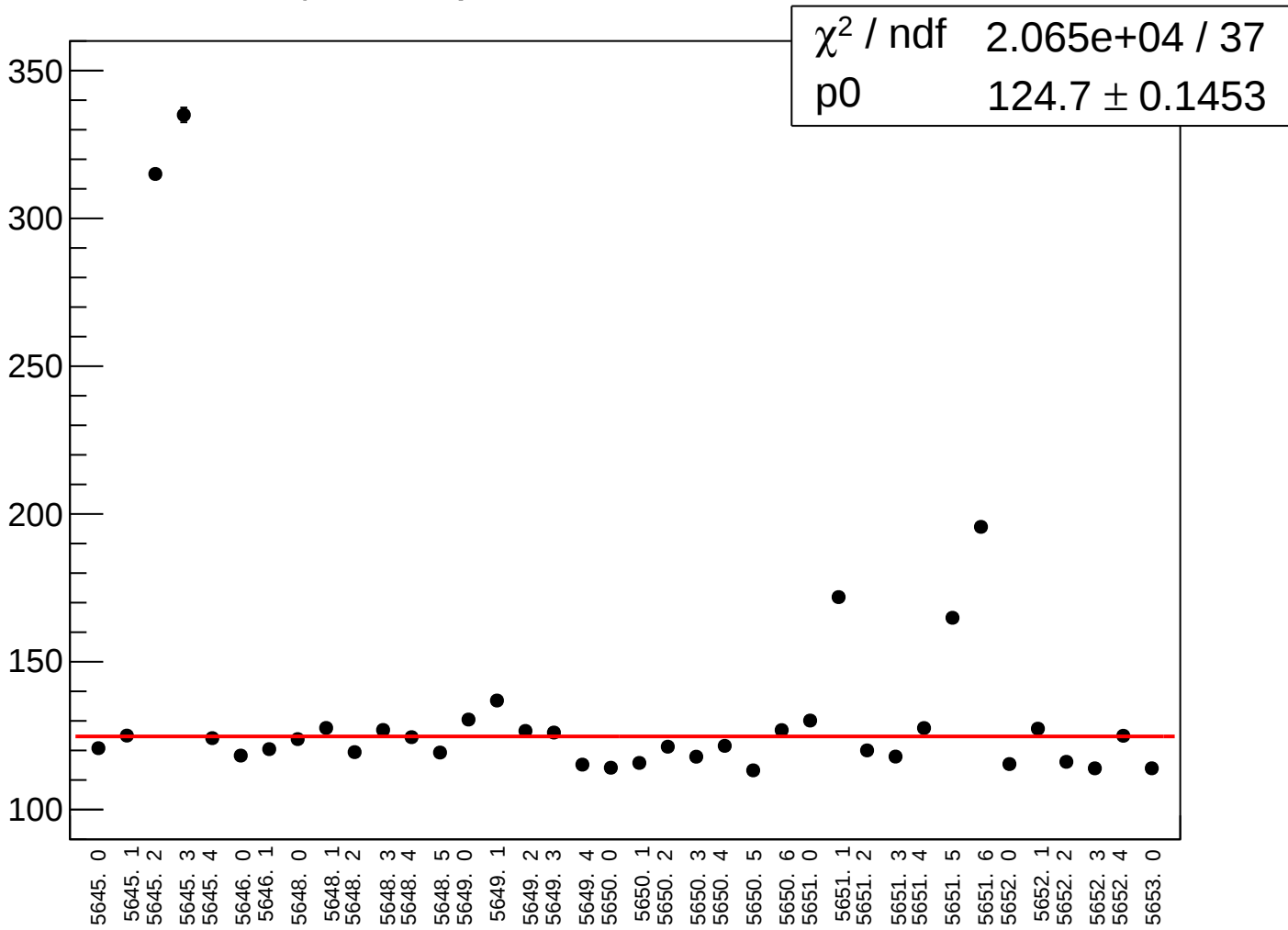
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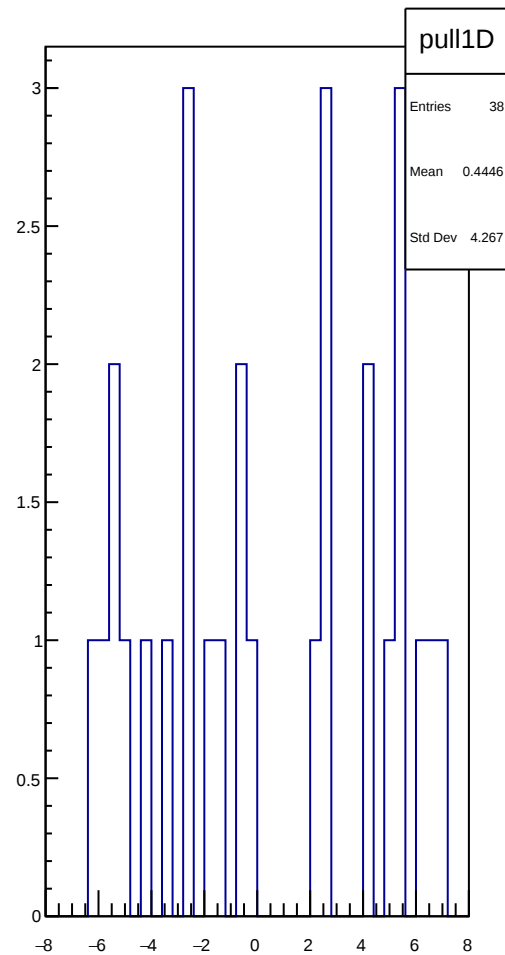
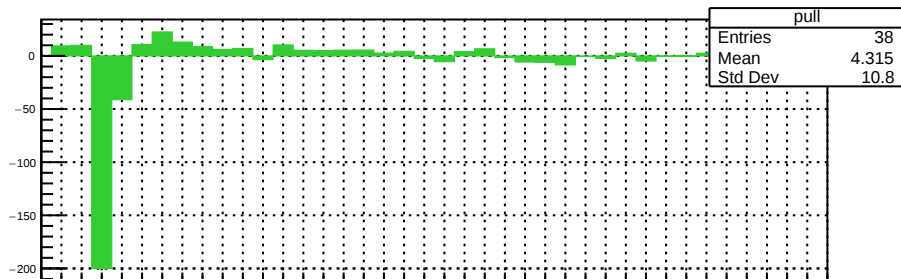
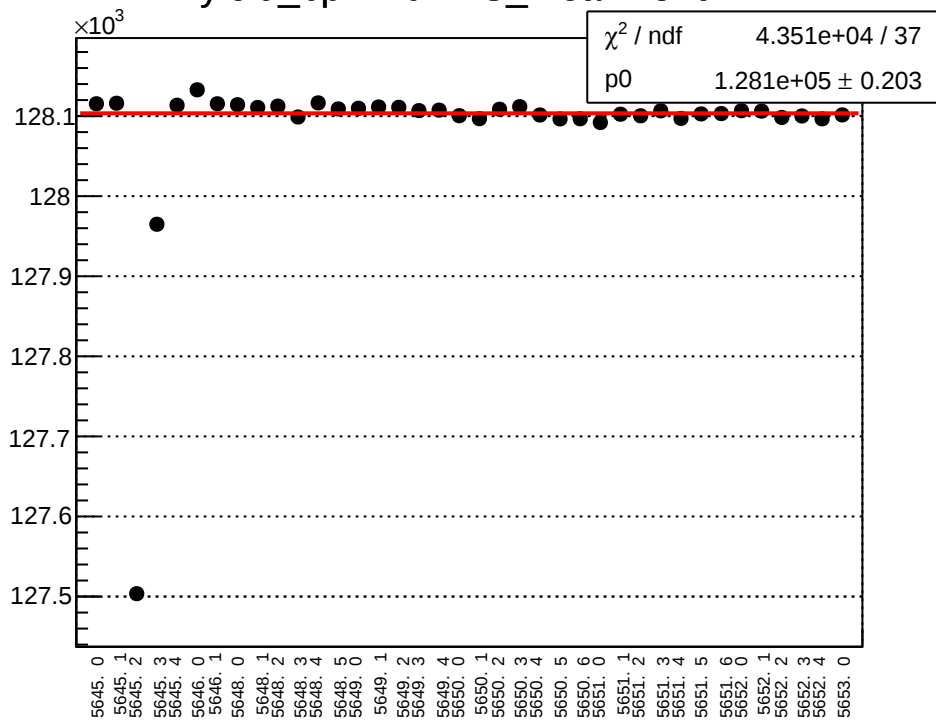
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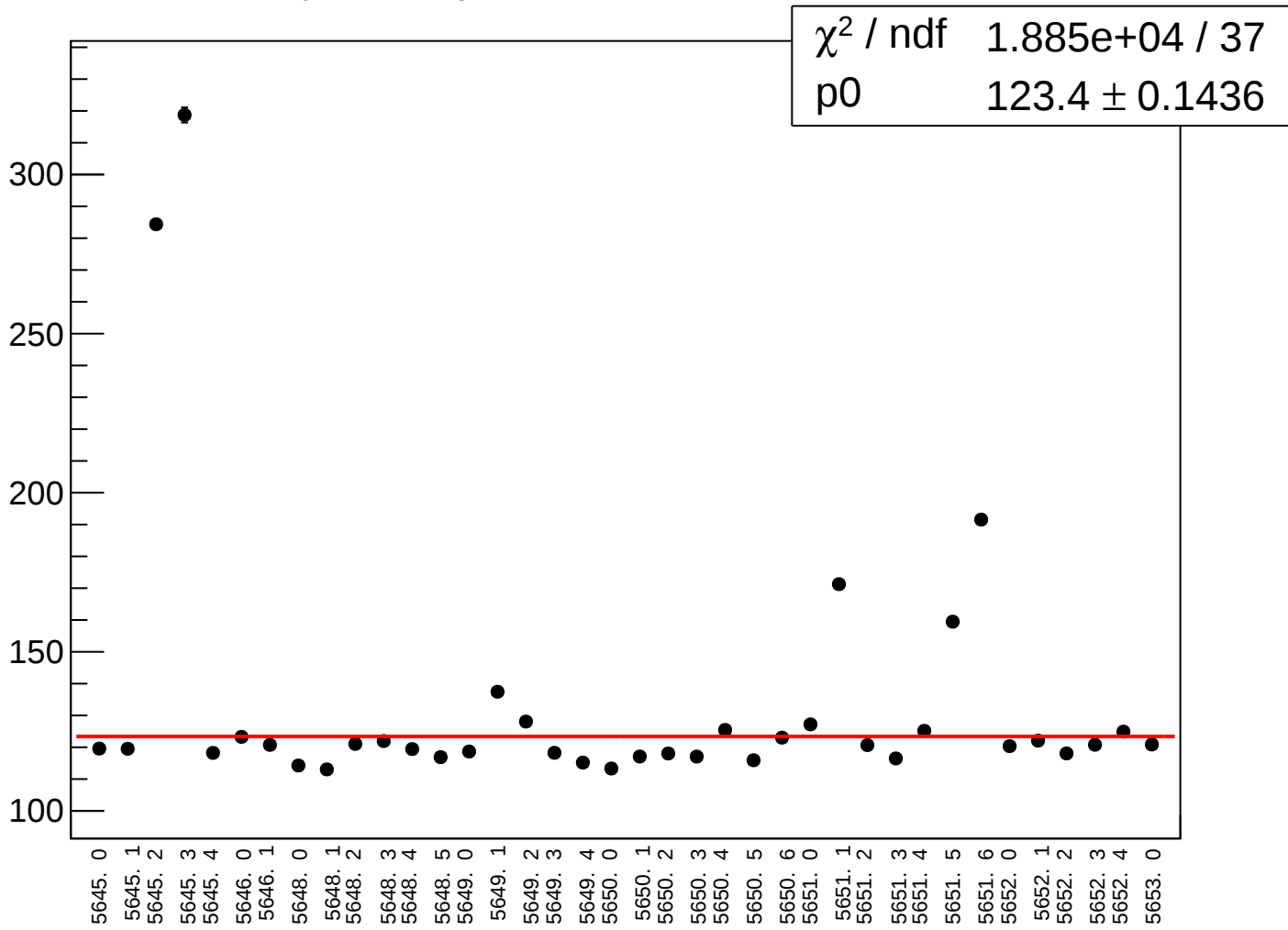
yield_bpm1i06WS_rms vs run



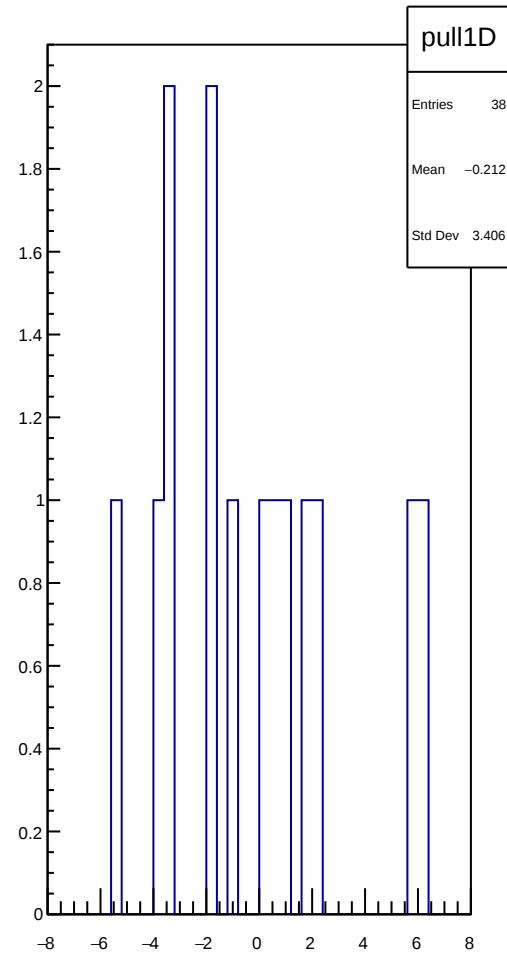
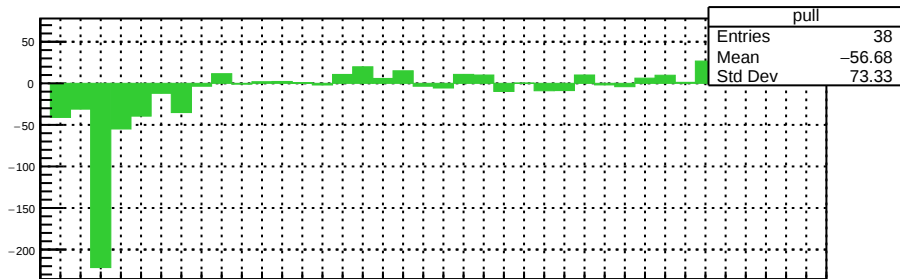
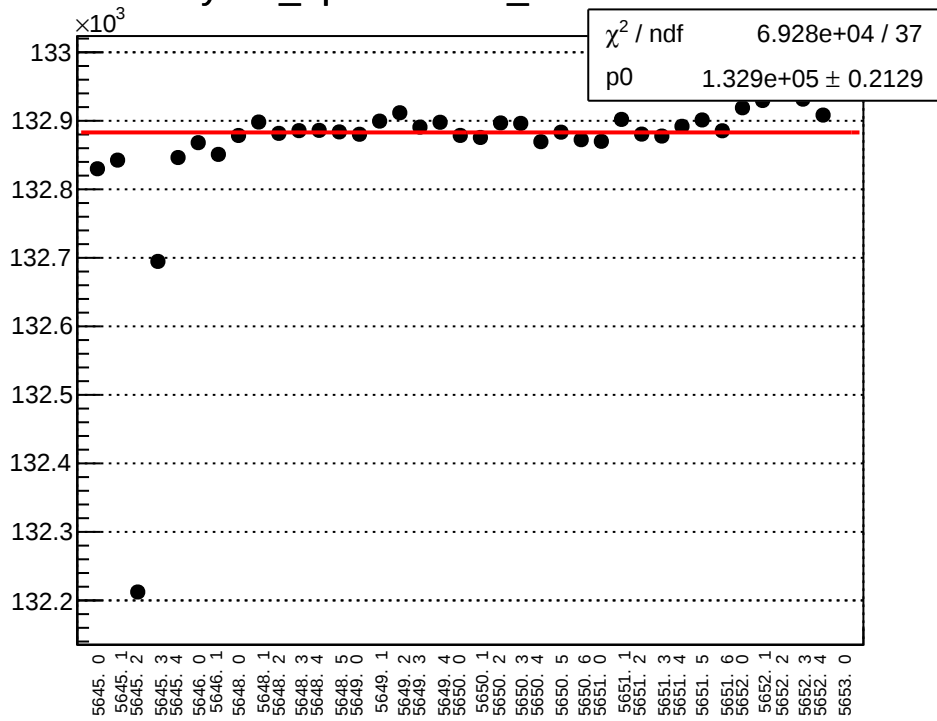
yield_bpm2i01WS_mean vs run



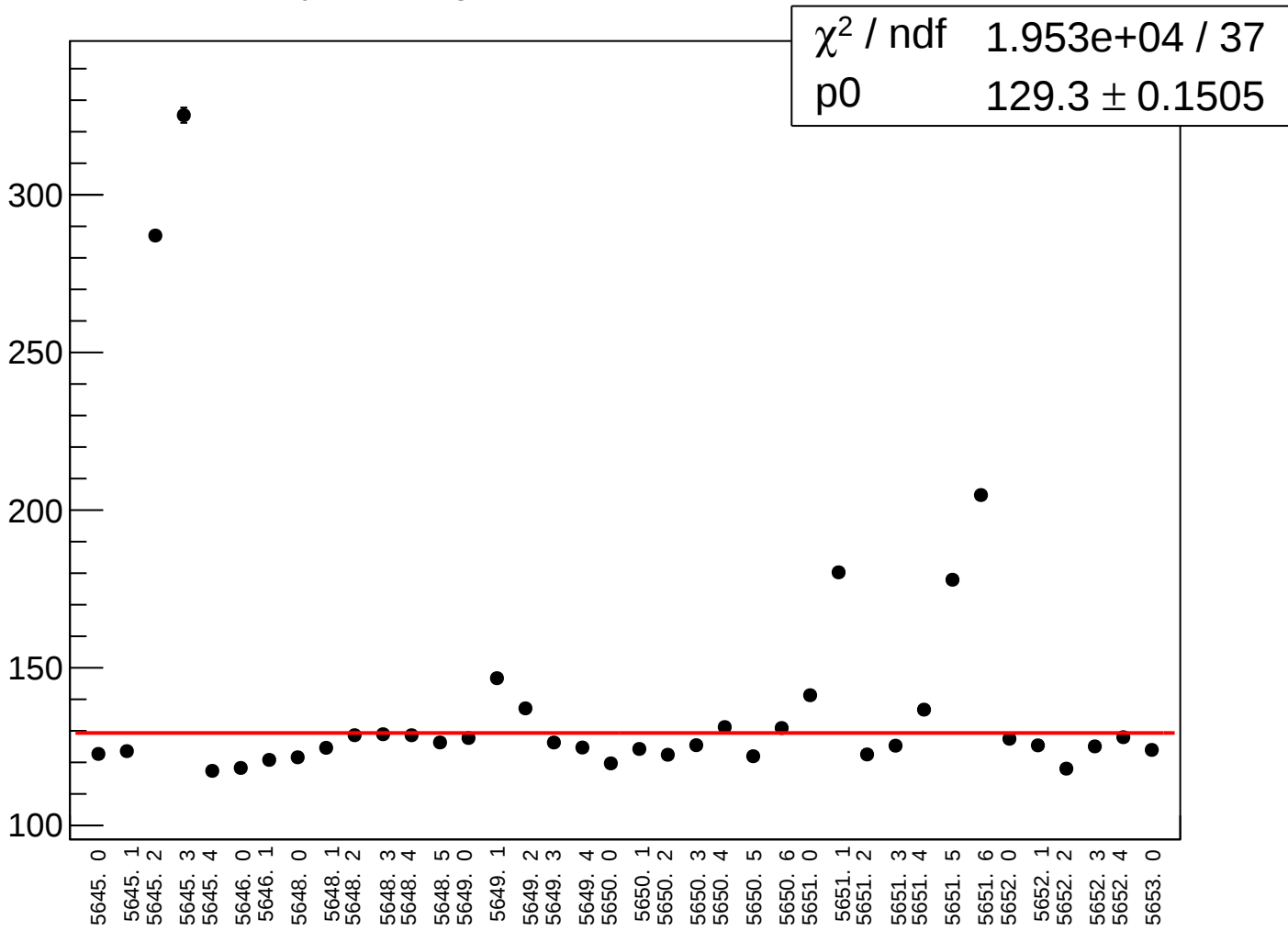
yield_bpm2i01WS_rms vs run



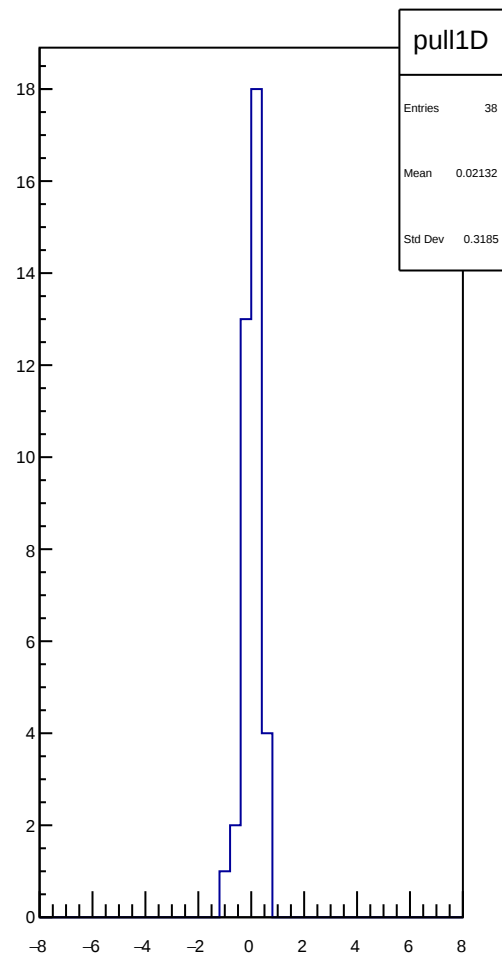
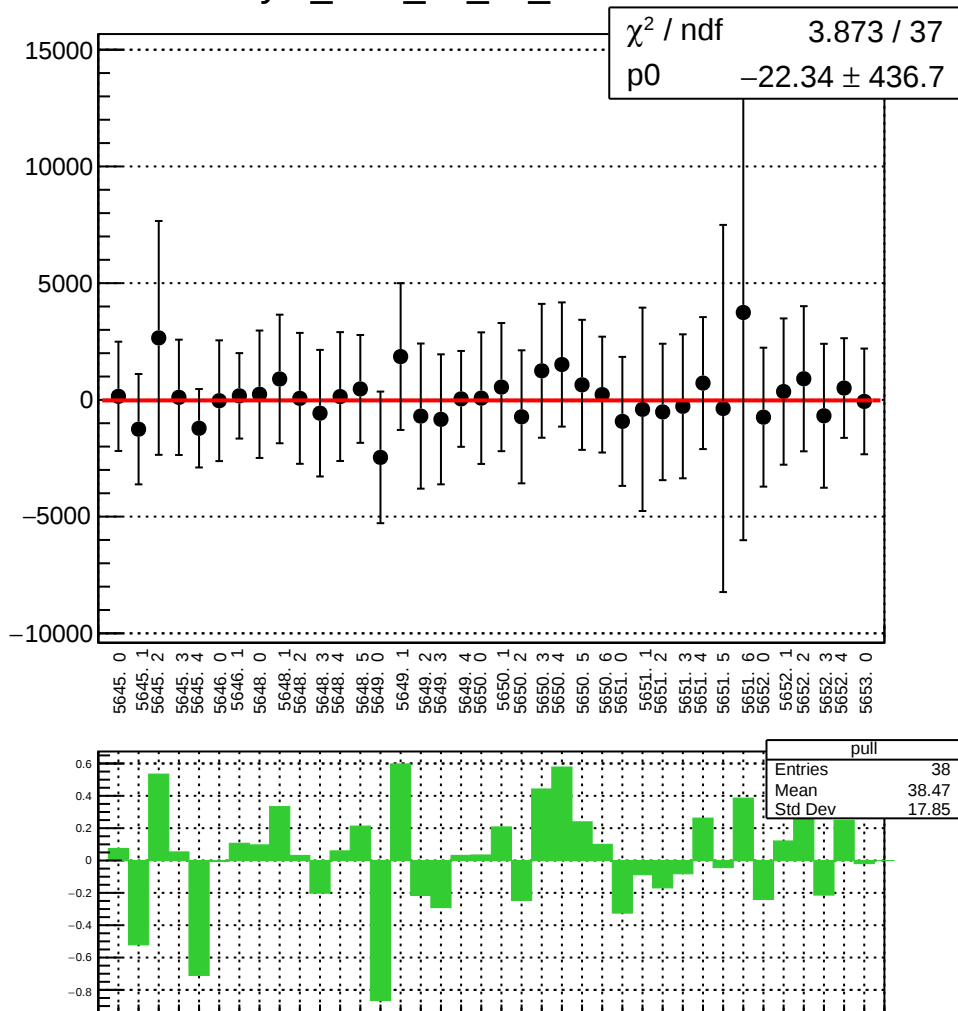
yield_bpm2i02WS_mean vs run



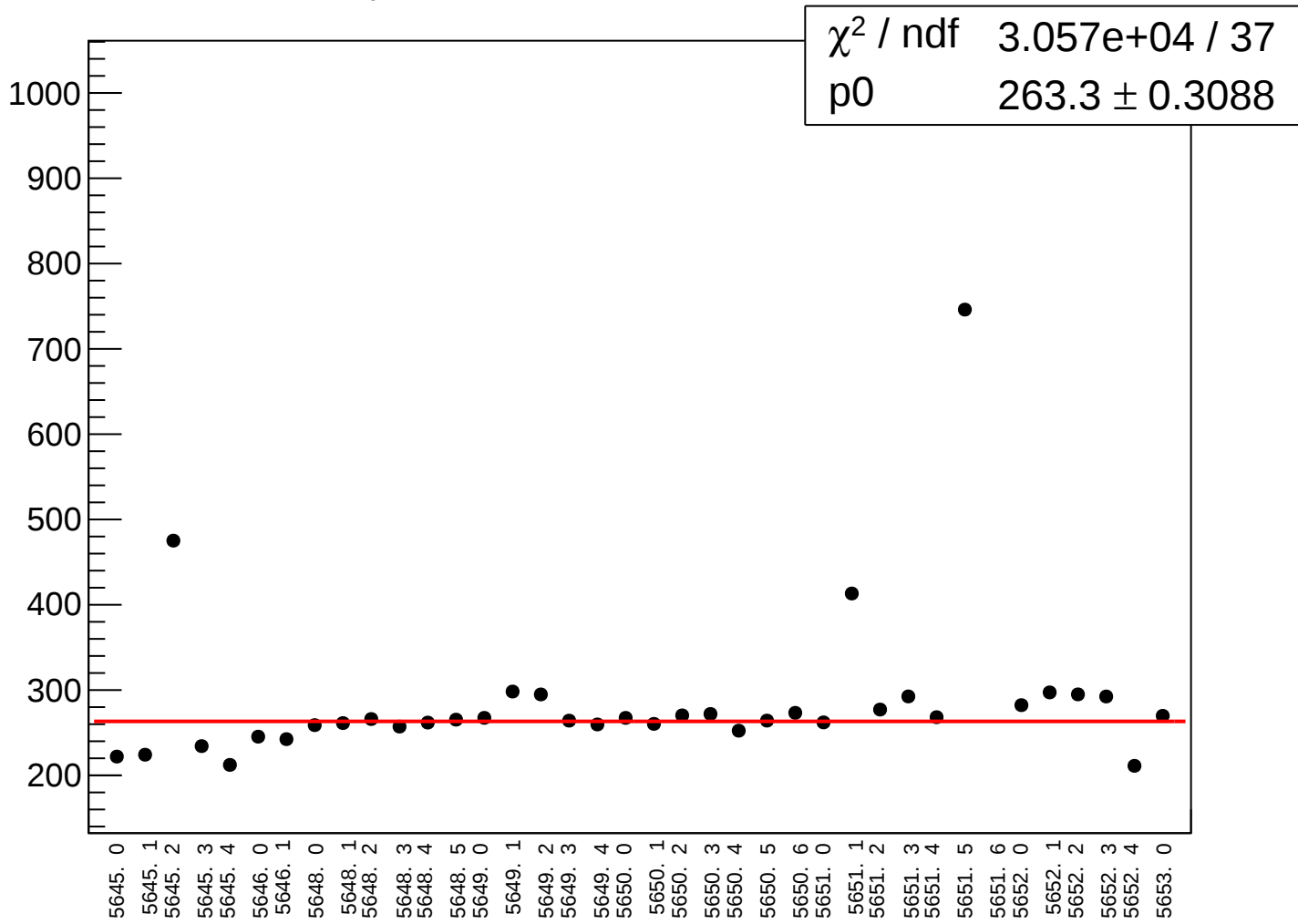
yield_bpm2i02WS_rms vs run



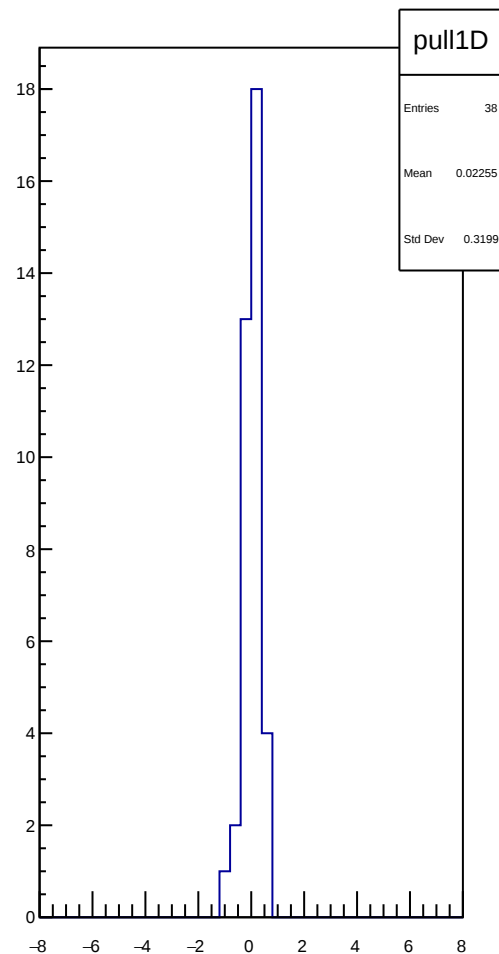
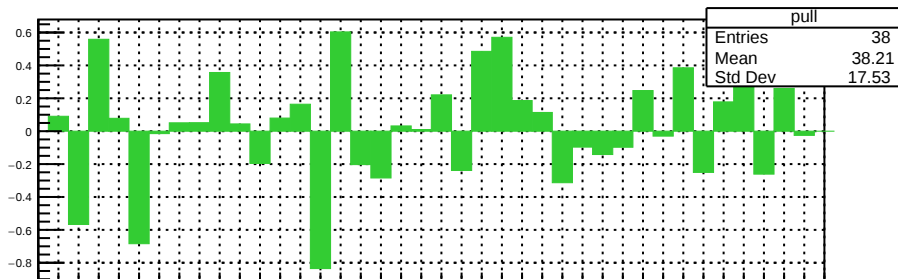
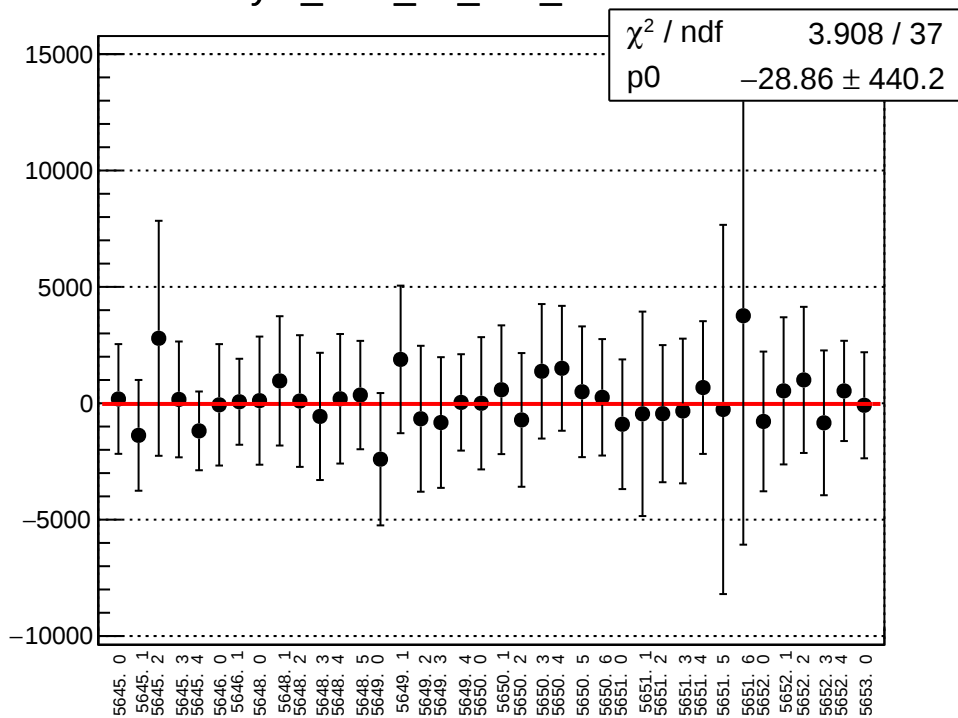
asym_bcm_an_ds_mean vs run



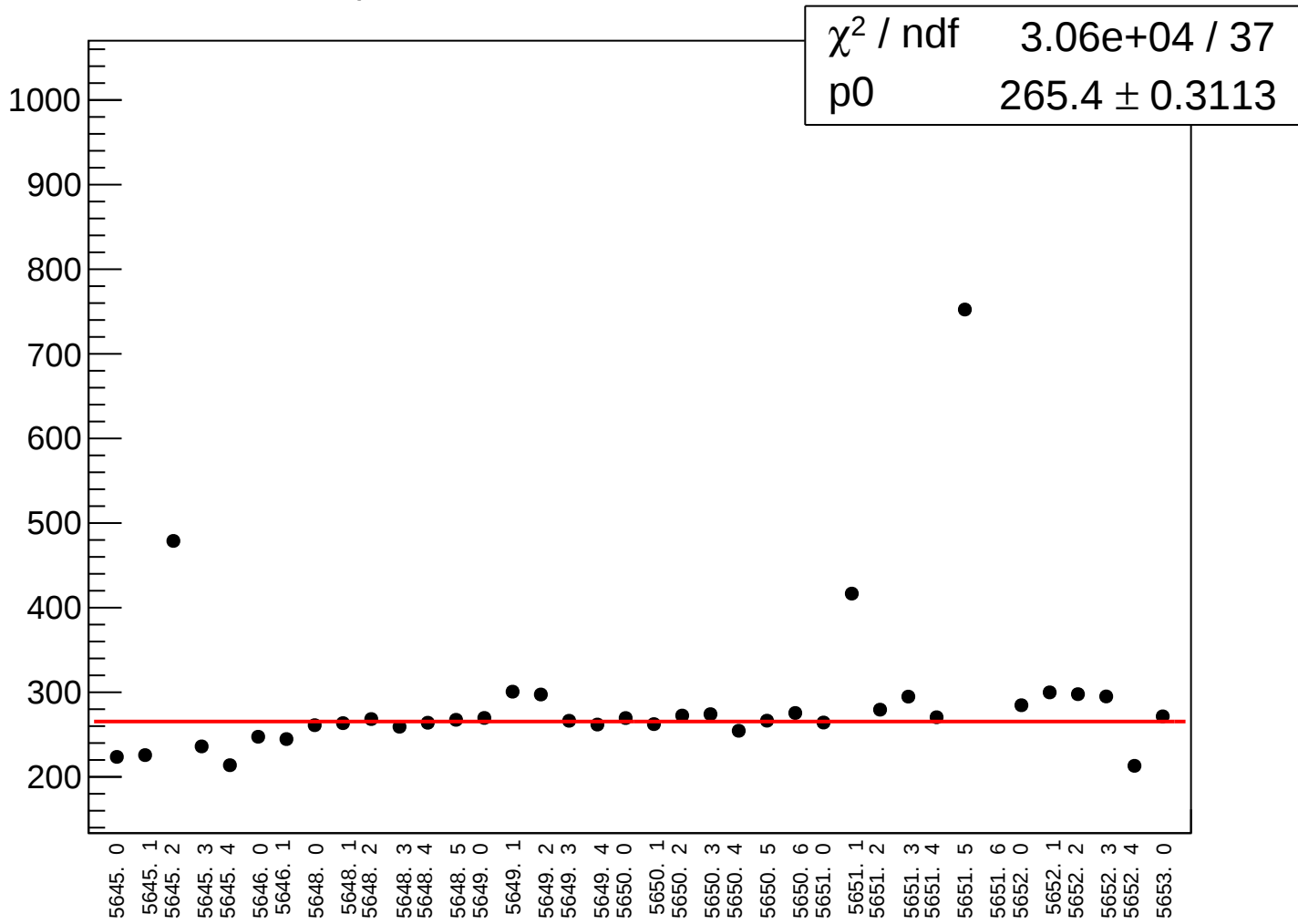
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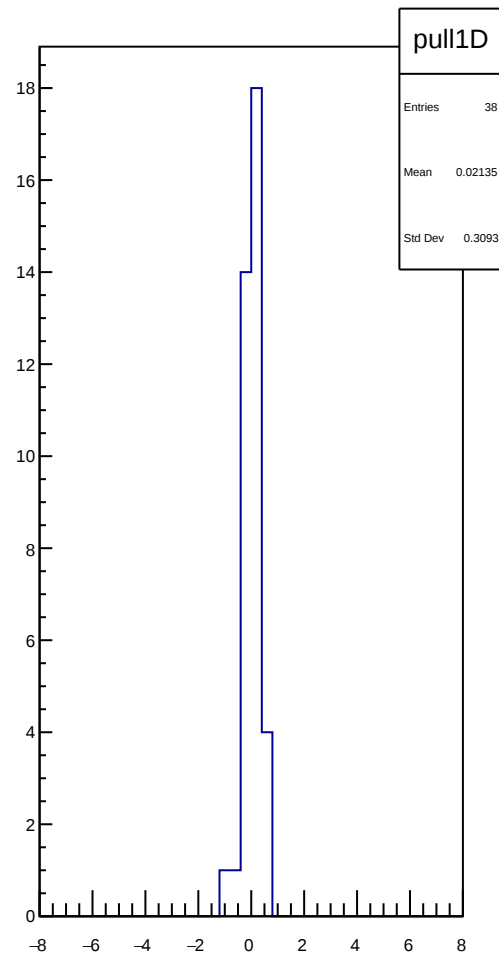
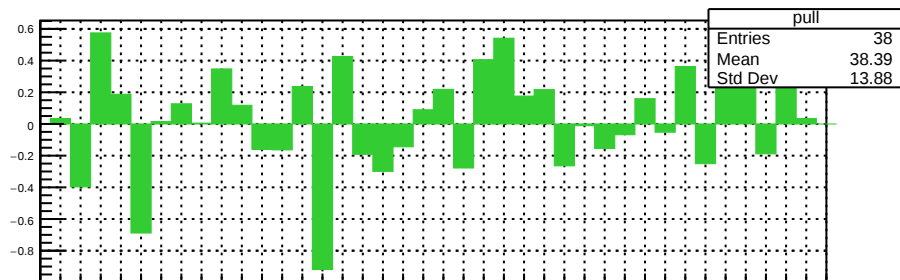
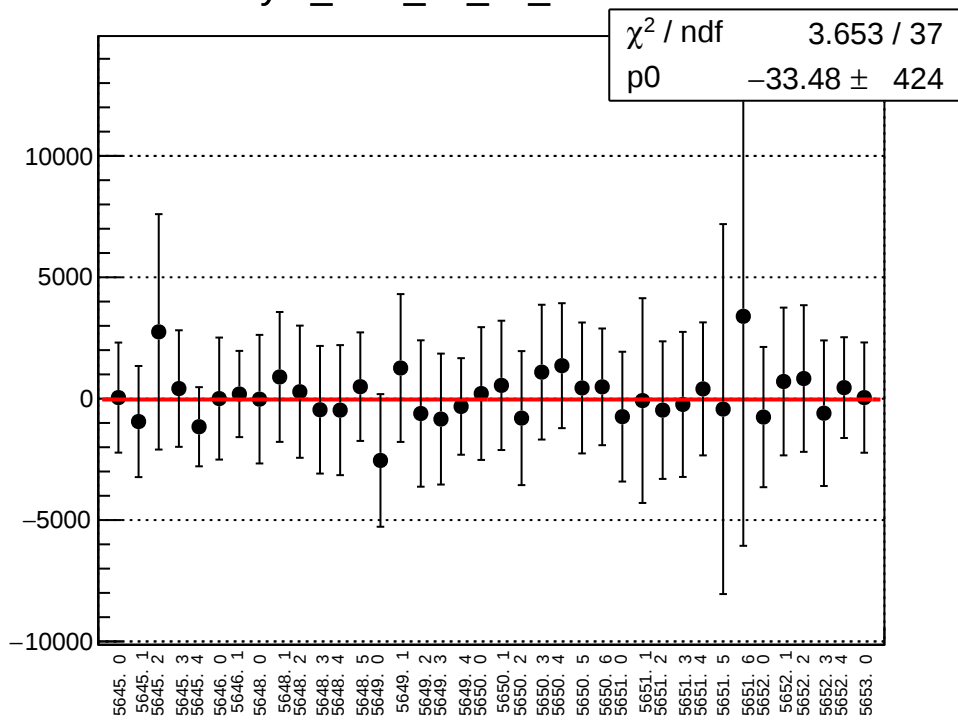
asym_bcm_an_ds3_mean vs run



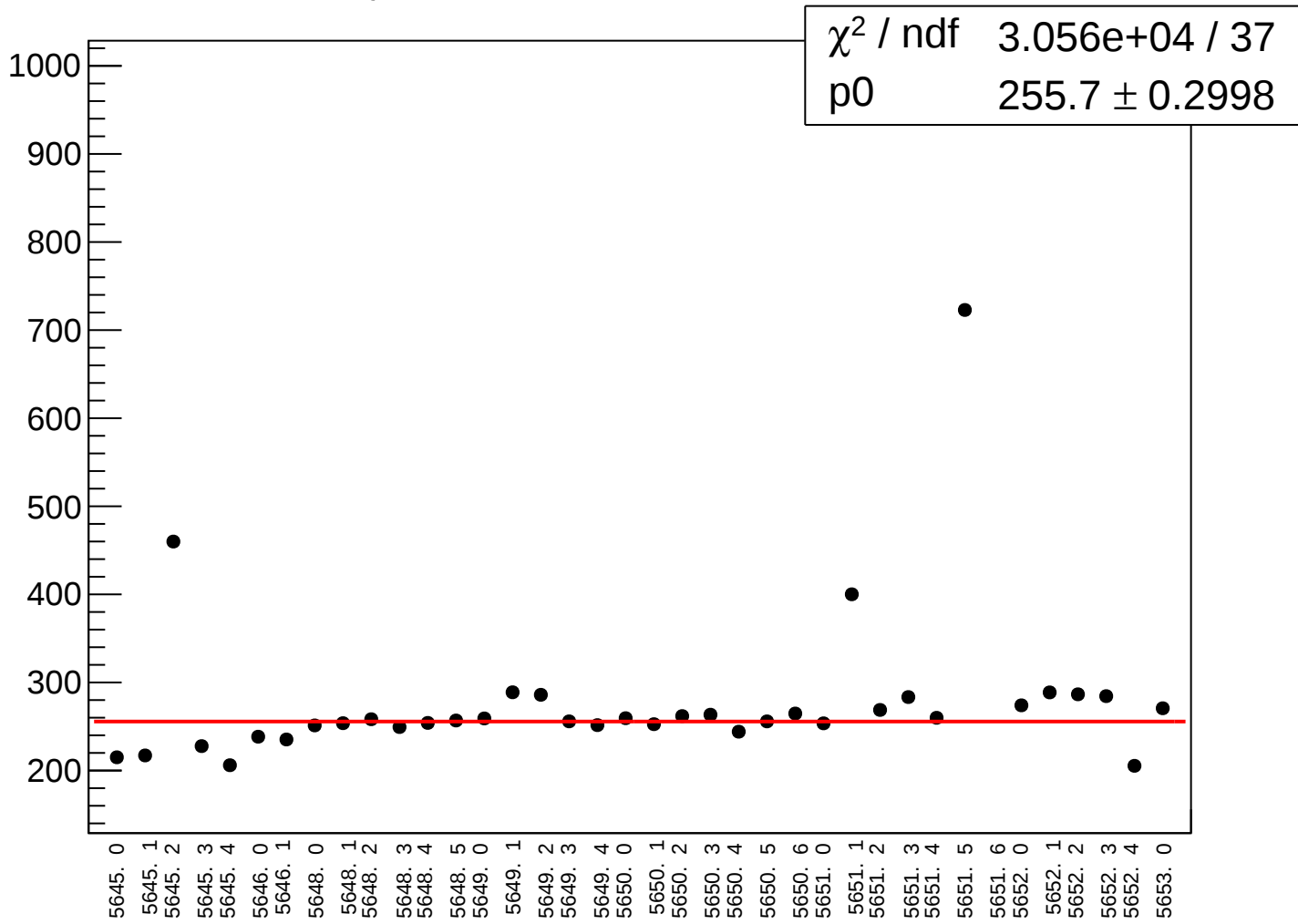
asym_bcm_an_ds3_rms vs run



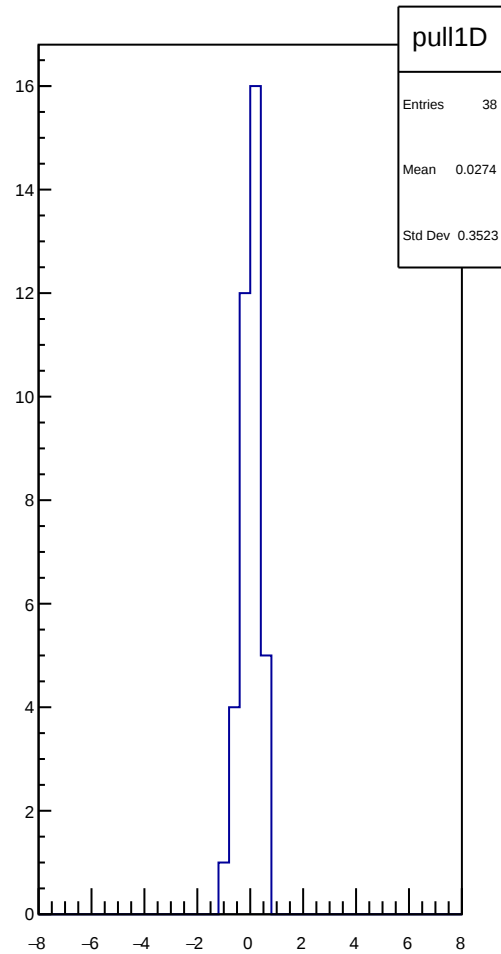
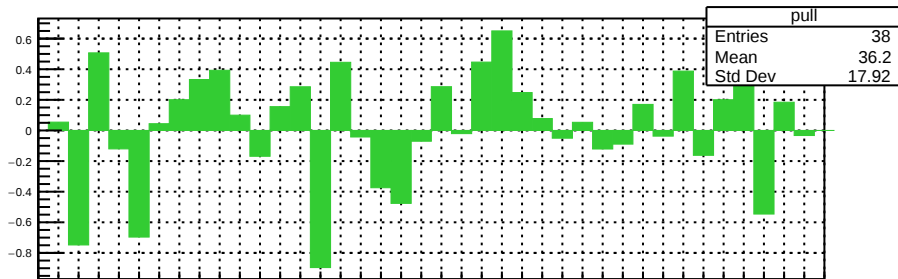
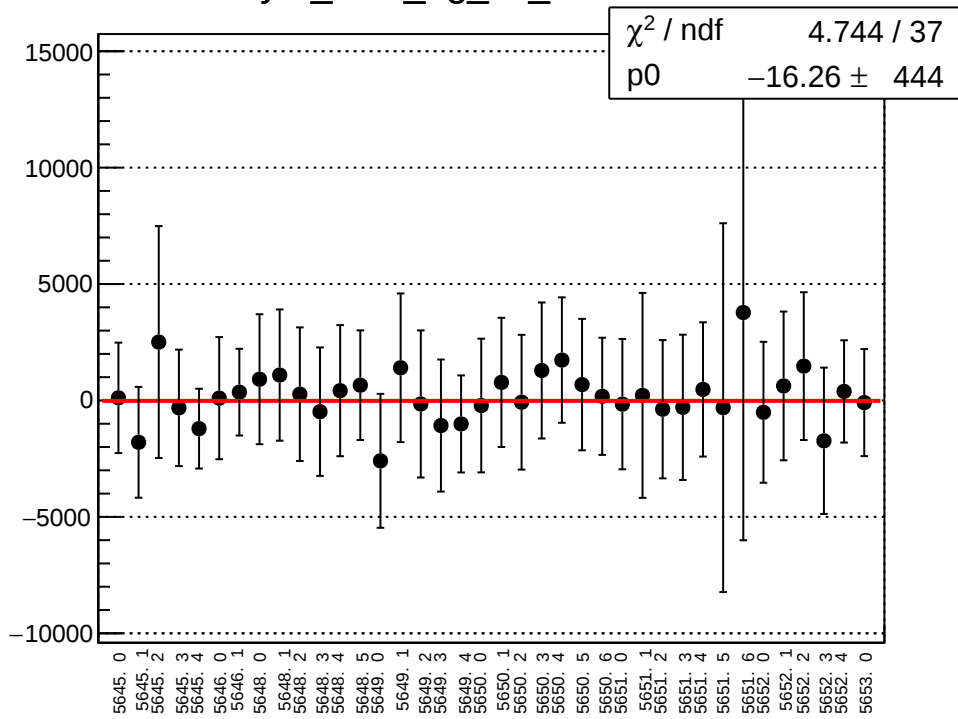
asym_bcm_an_us_mean vs run



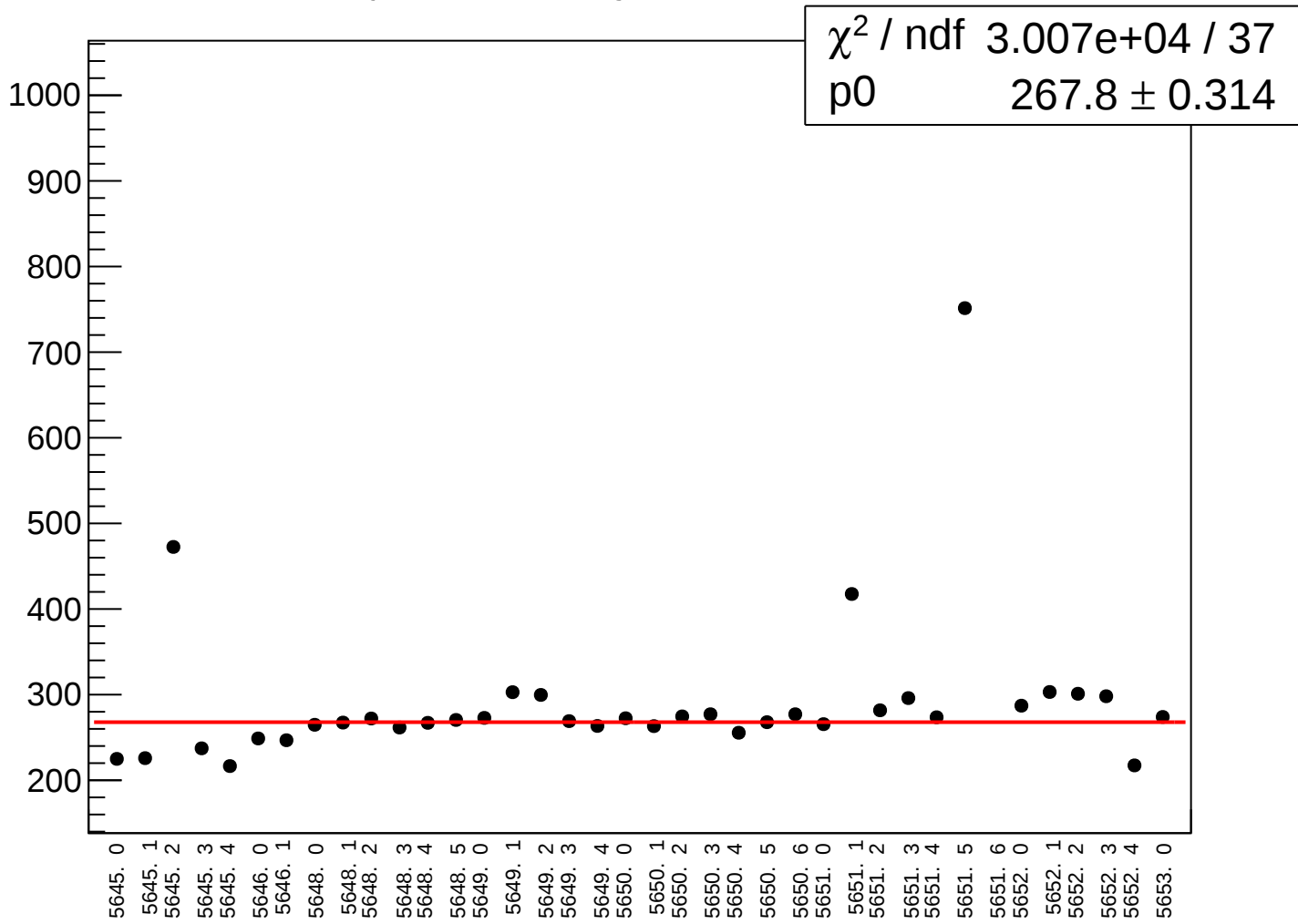
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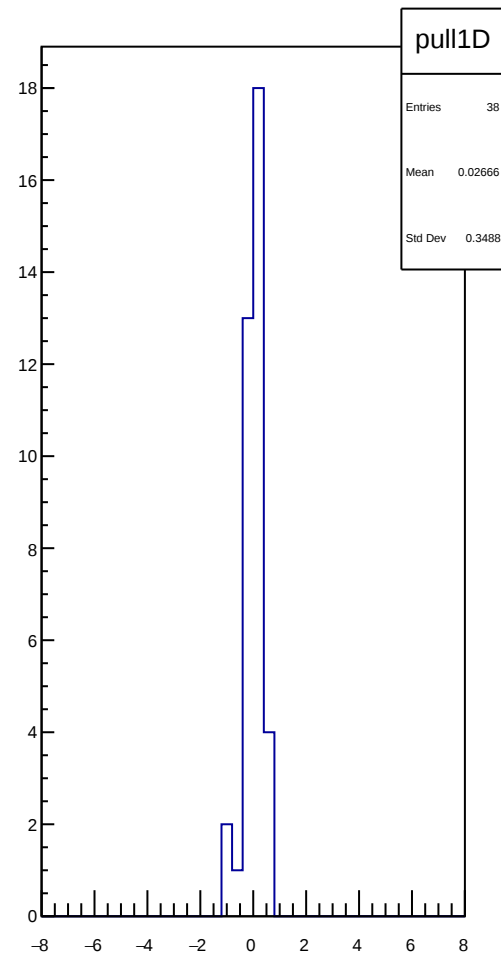
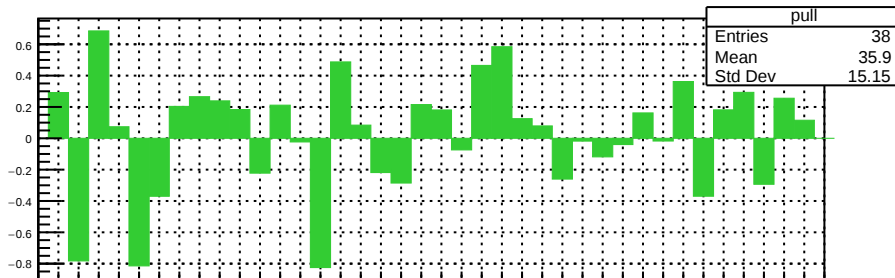
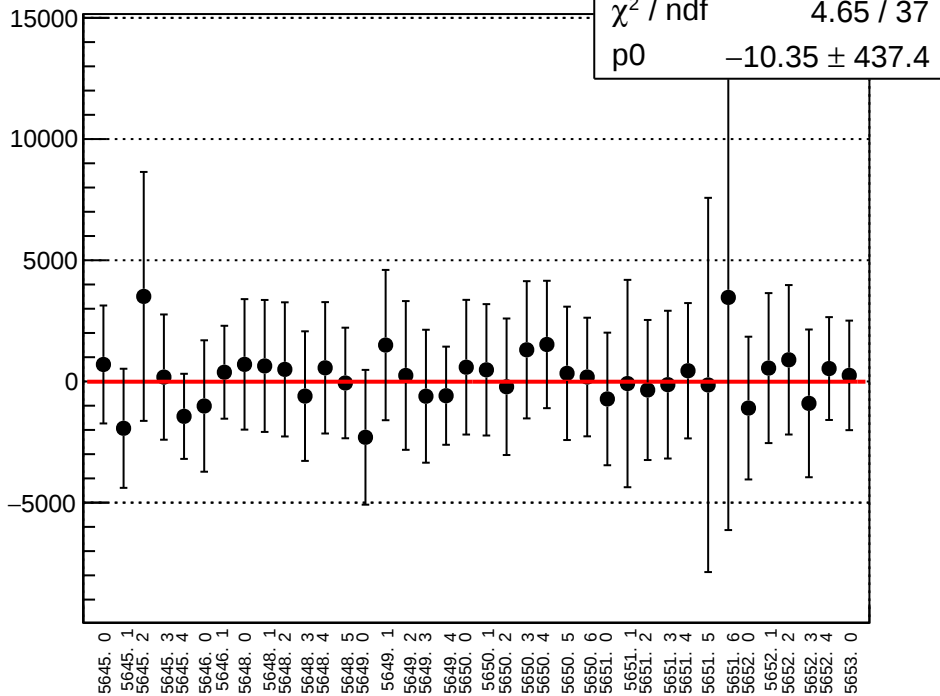
asym_bcm_dg_us_mean vs run



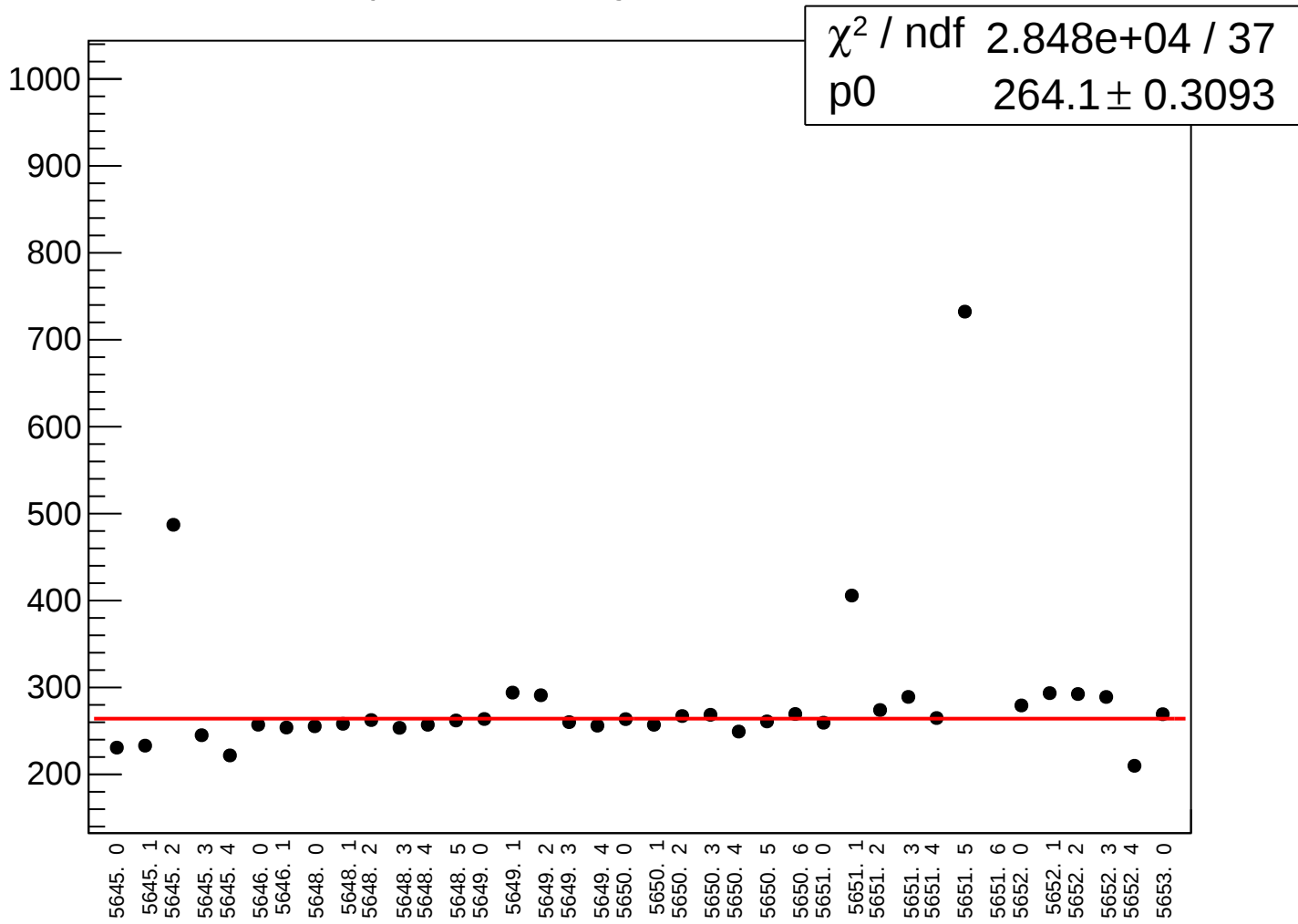
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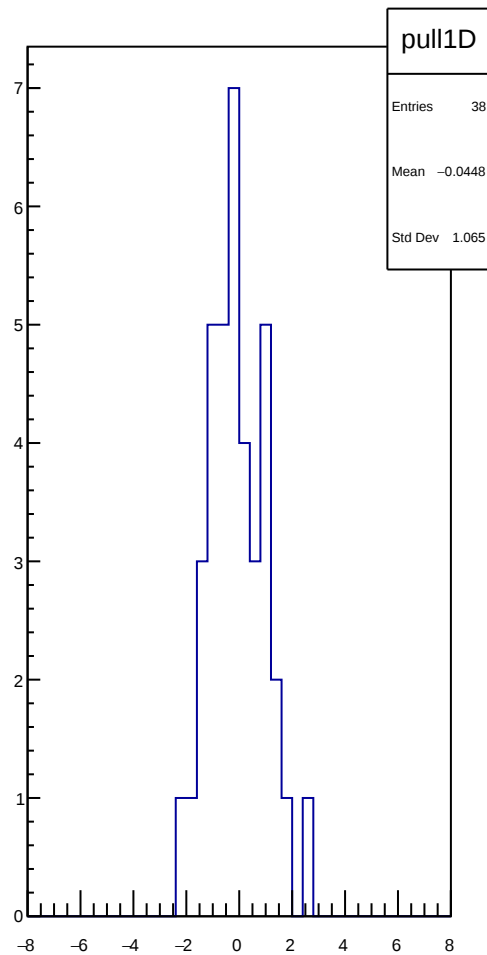
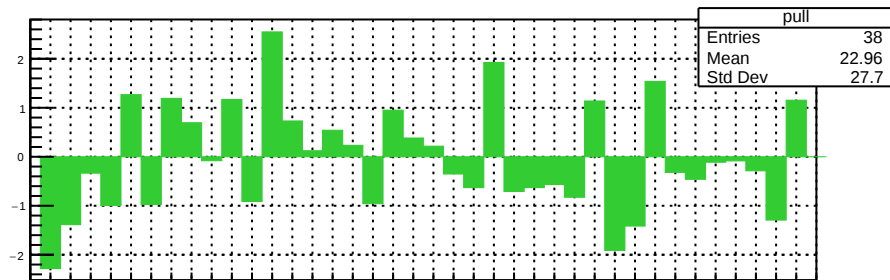
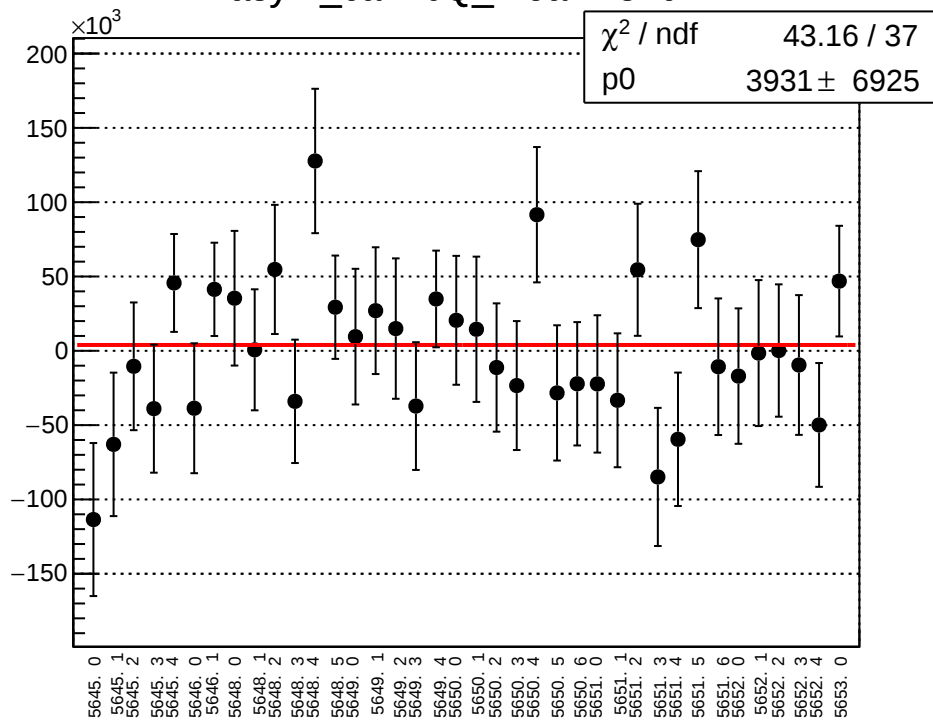
asym_bcm_dg_ds_mean vs run



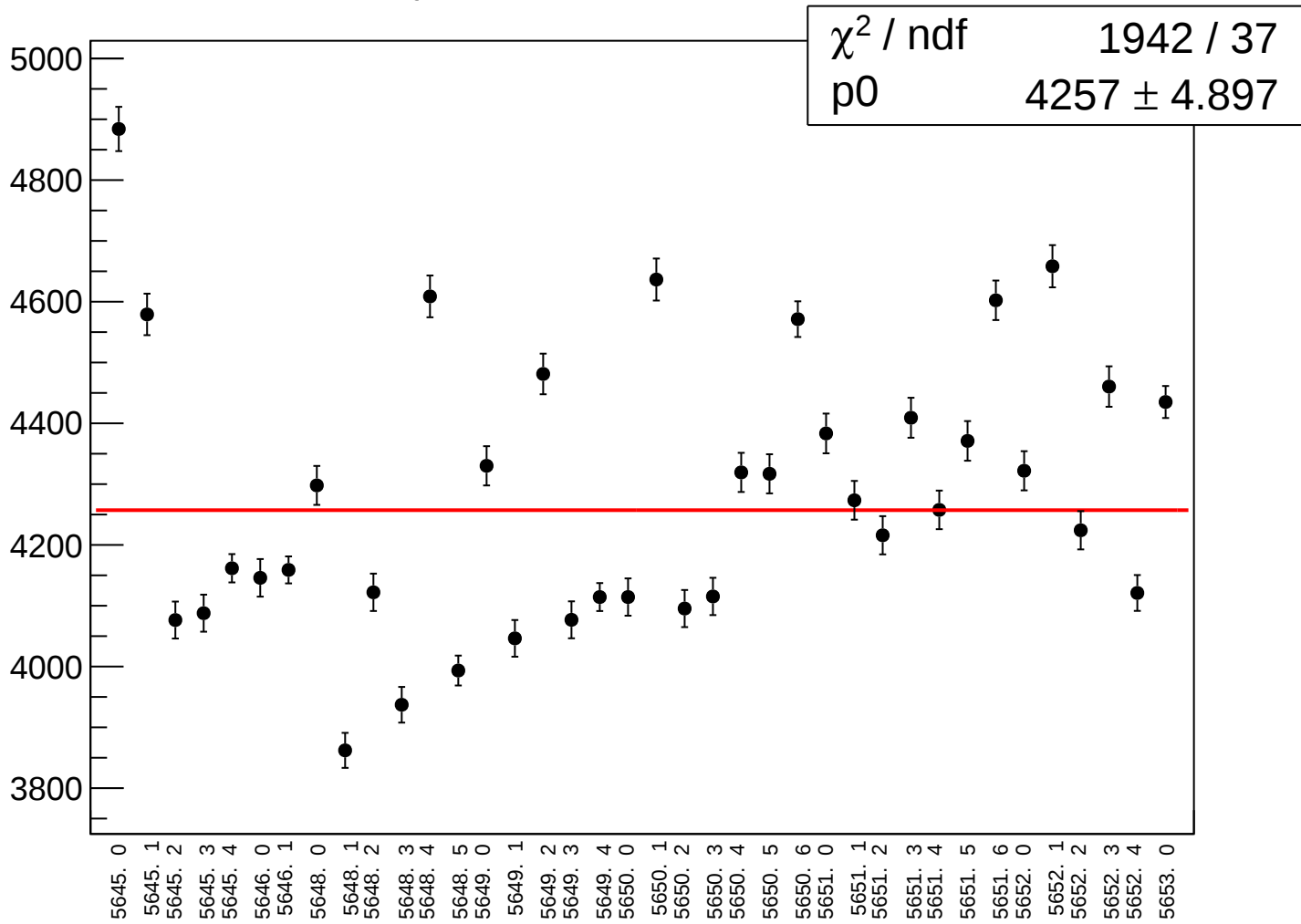
asym_bcm_dg_ds_rms vs run



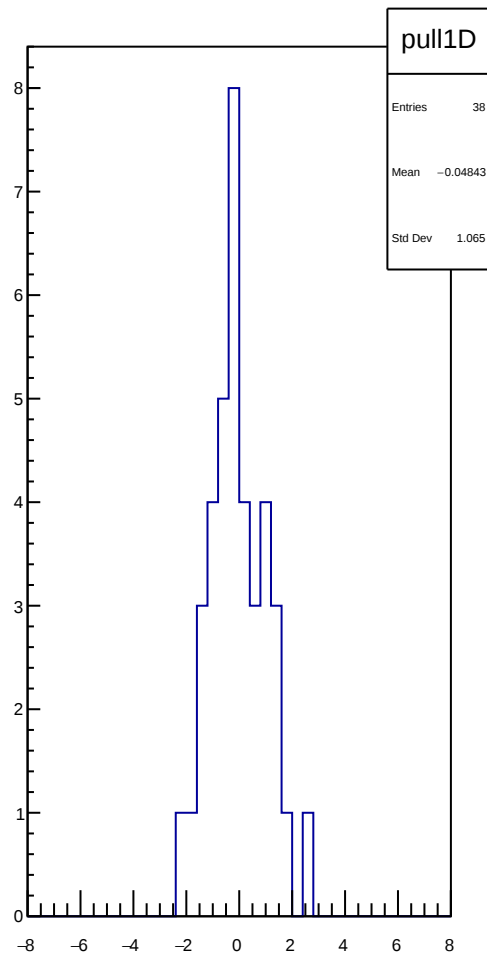
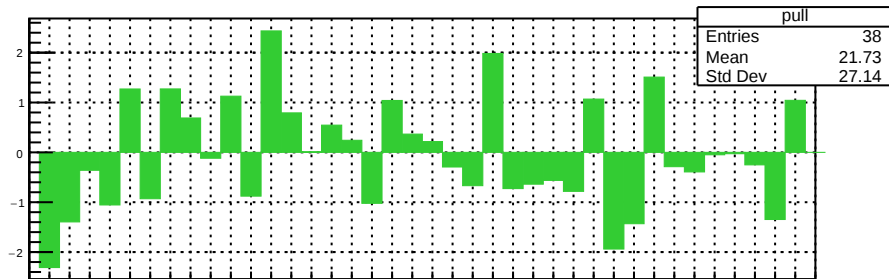
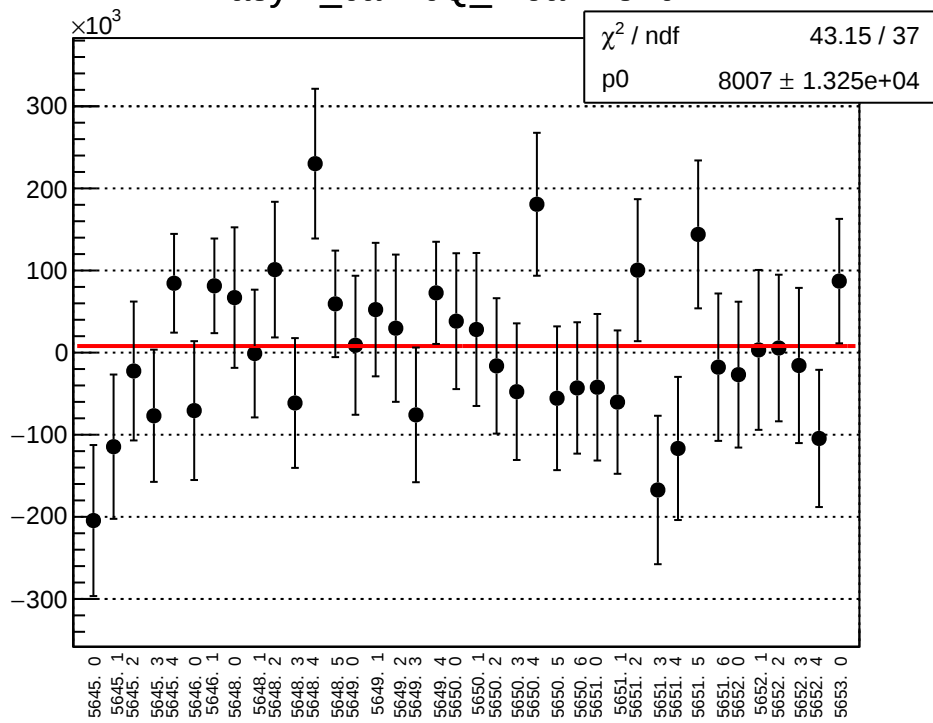
asym_cav4bQ_mean vs run



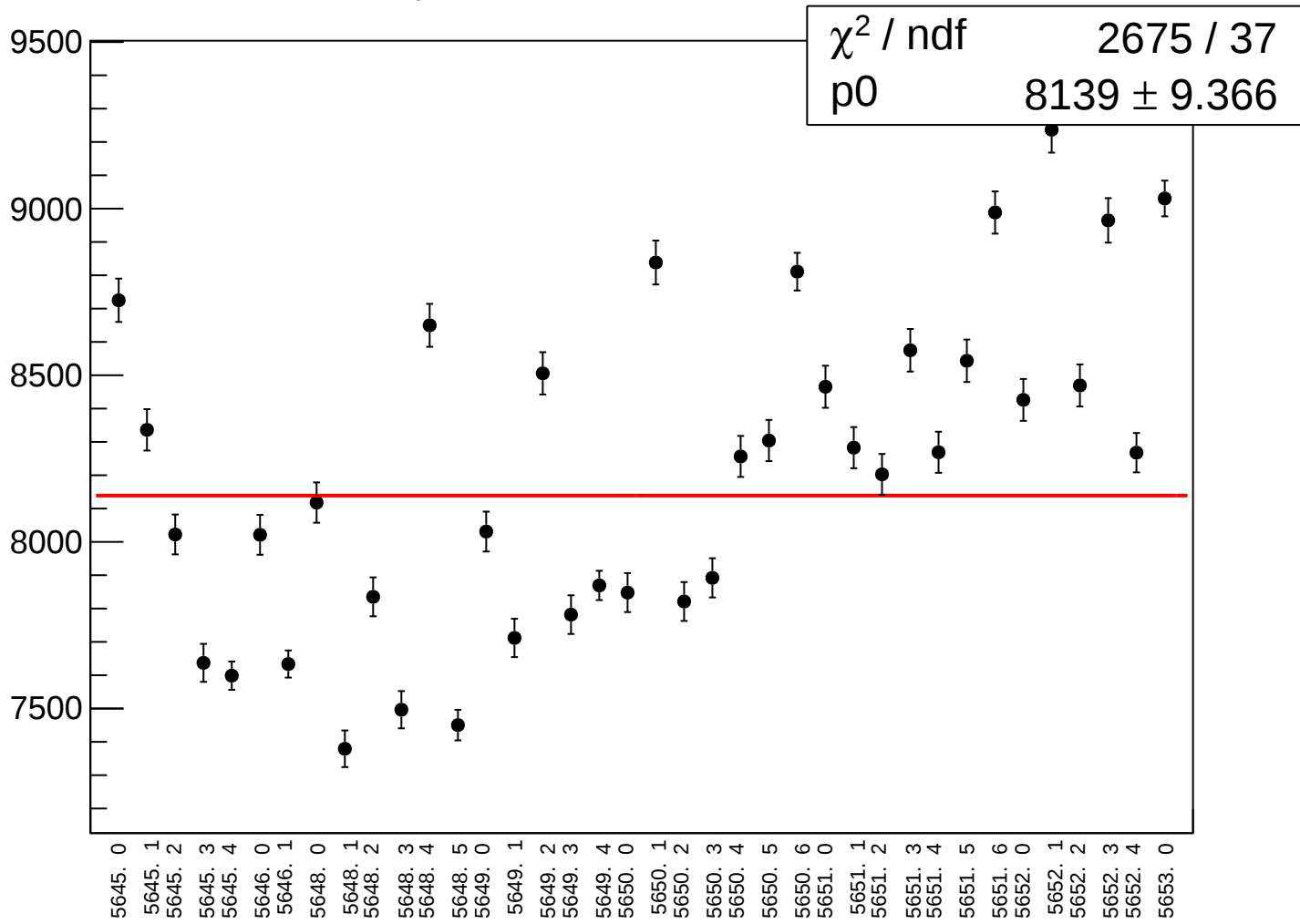
asym_cav4bQ_rms vs run



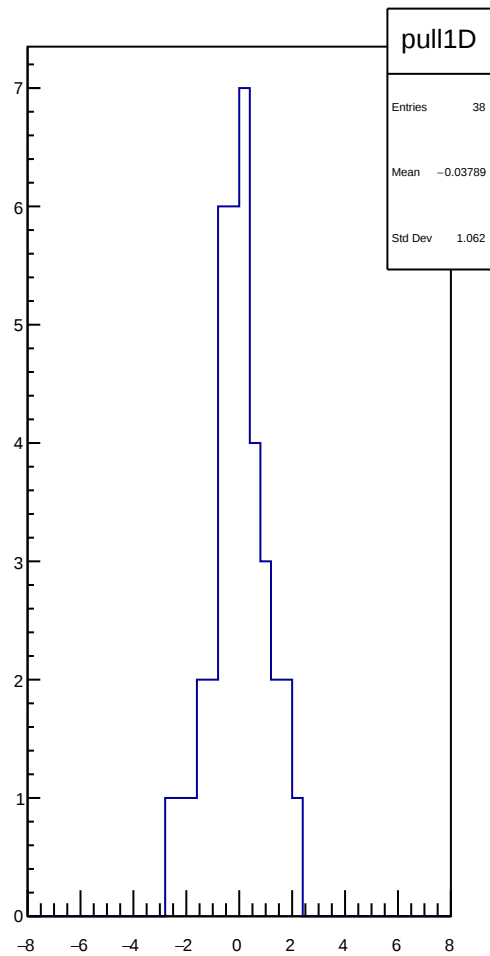
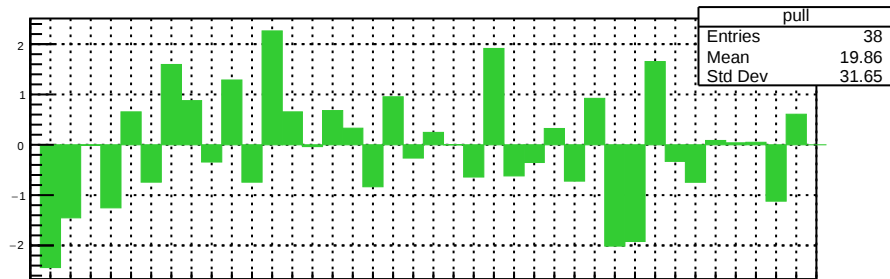
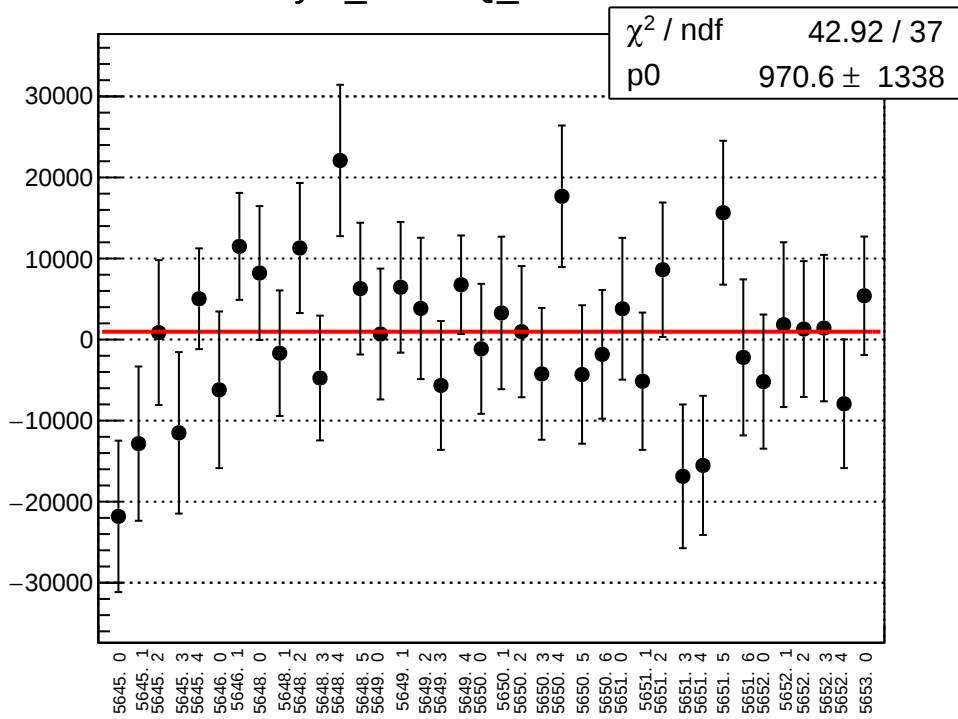
asym_cav4cQ_mean vs run



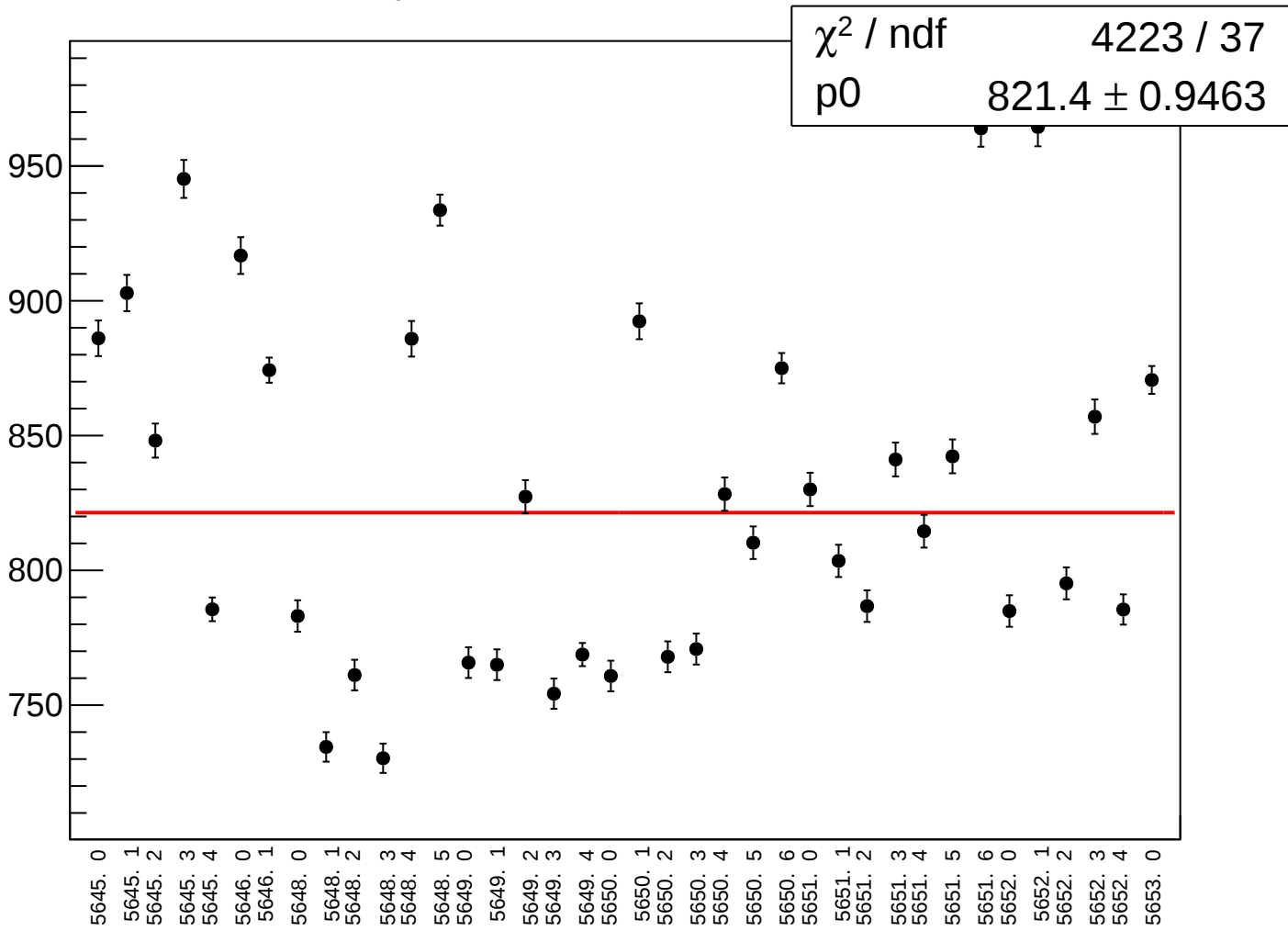
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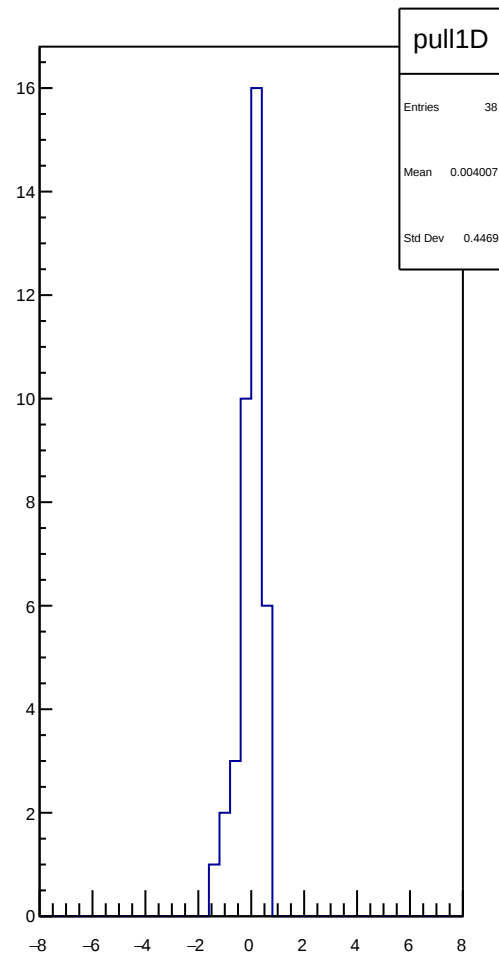
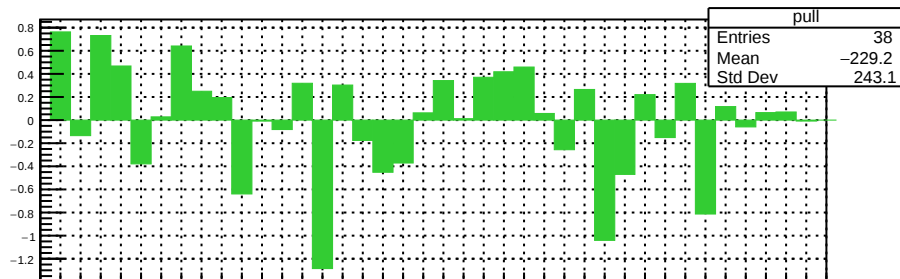
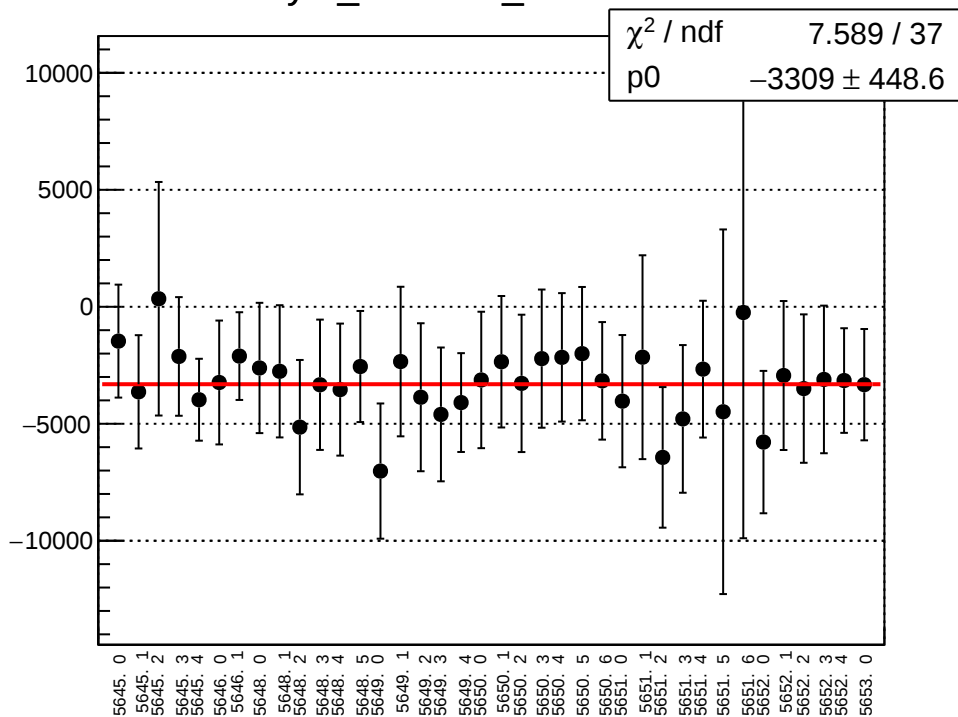
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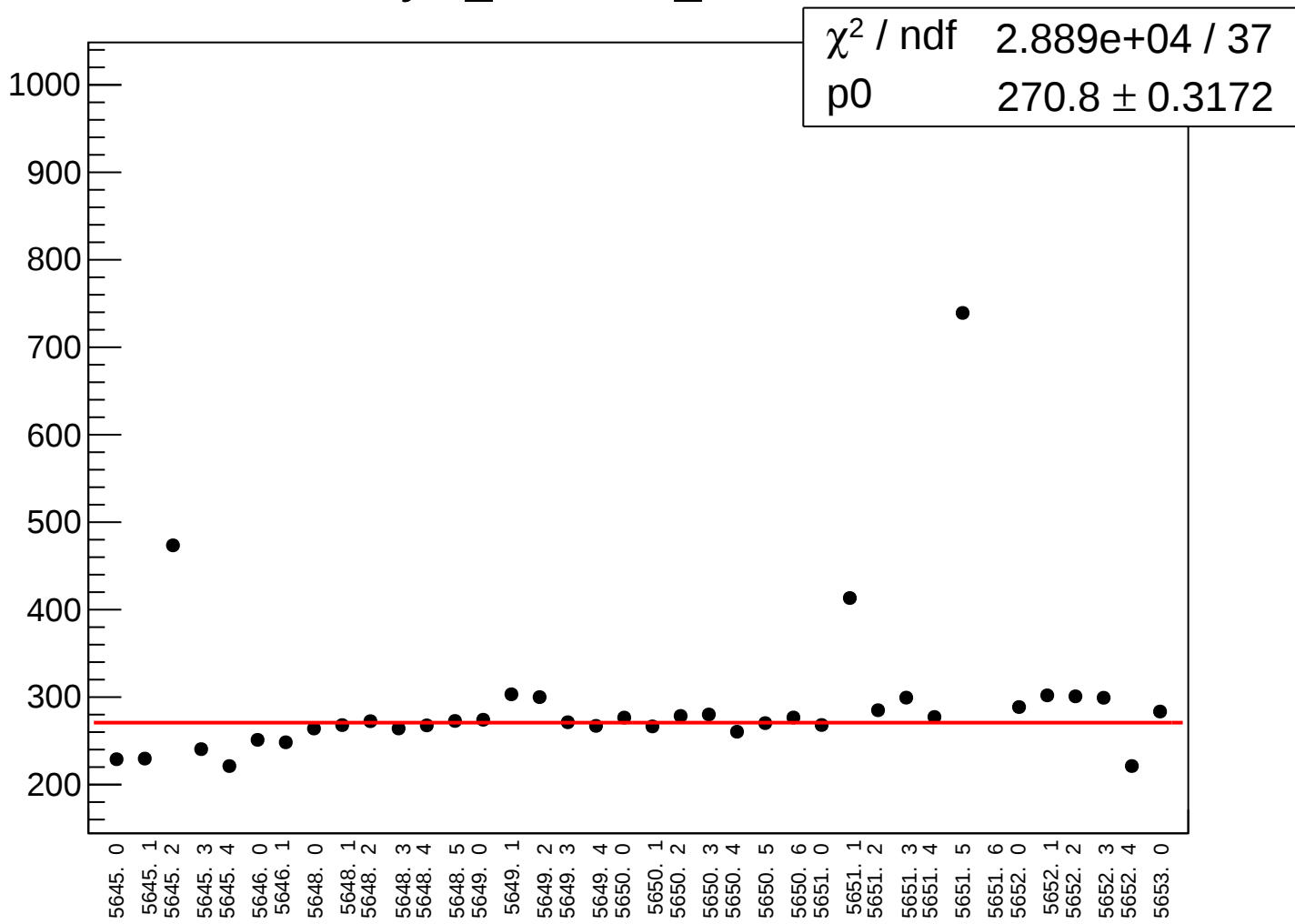
asym_cav4dQ_rms vs run



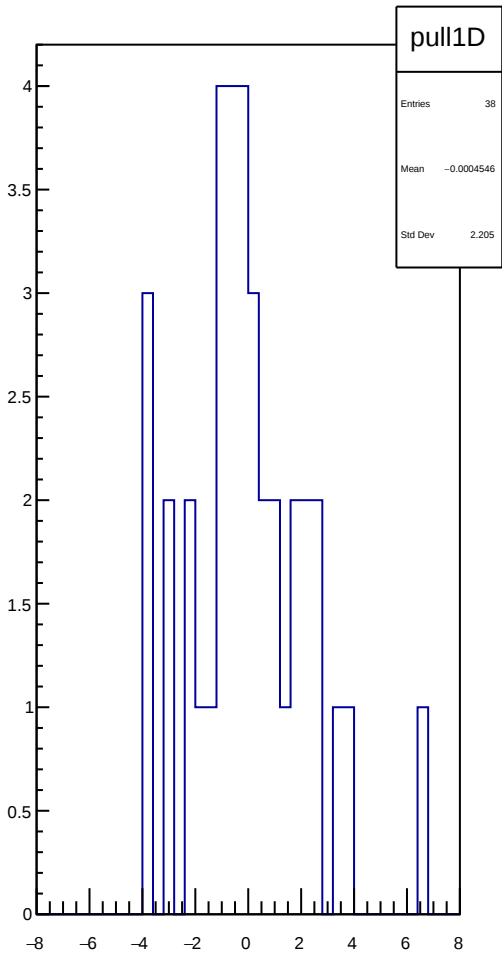
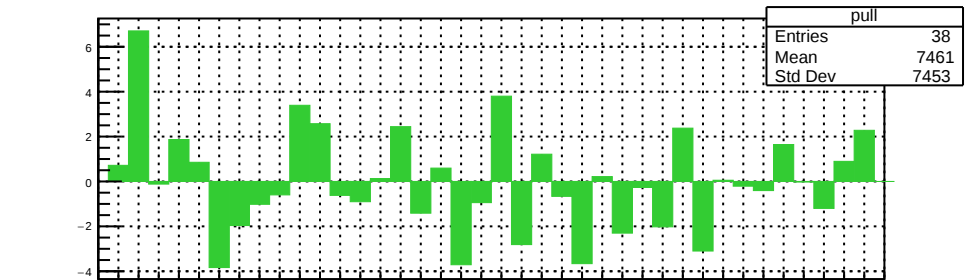
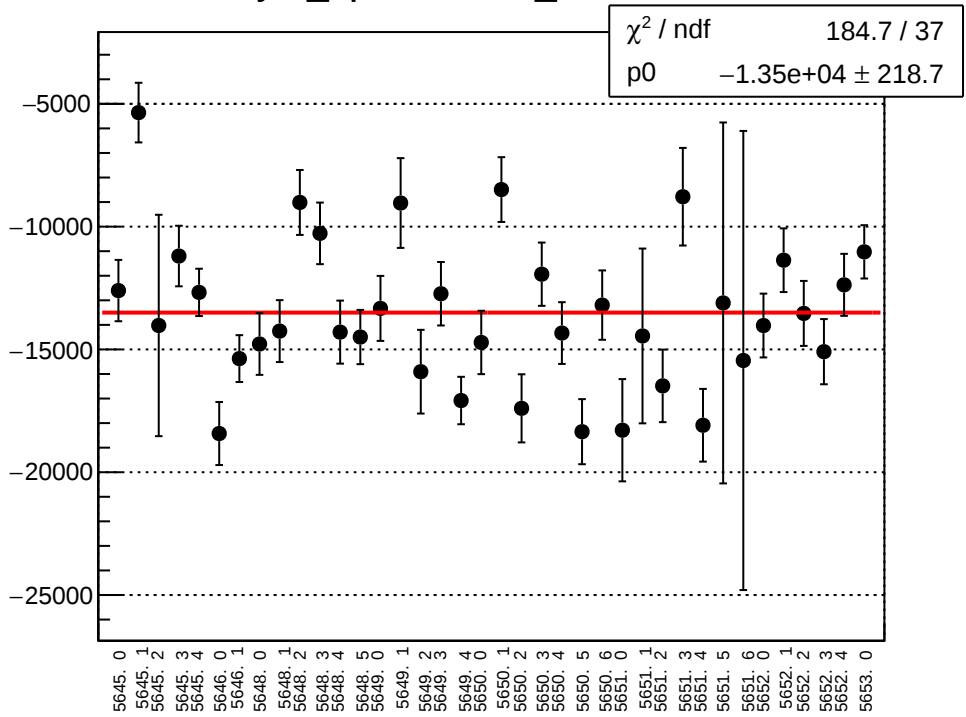
asym_bcm0l02_mean vs run



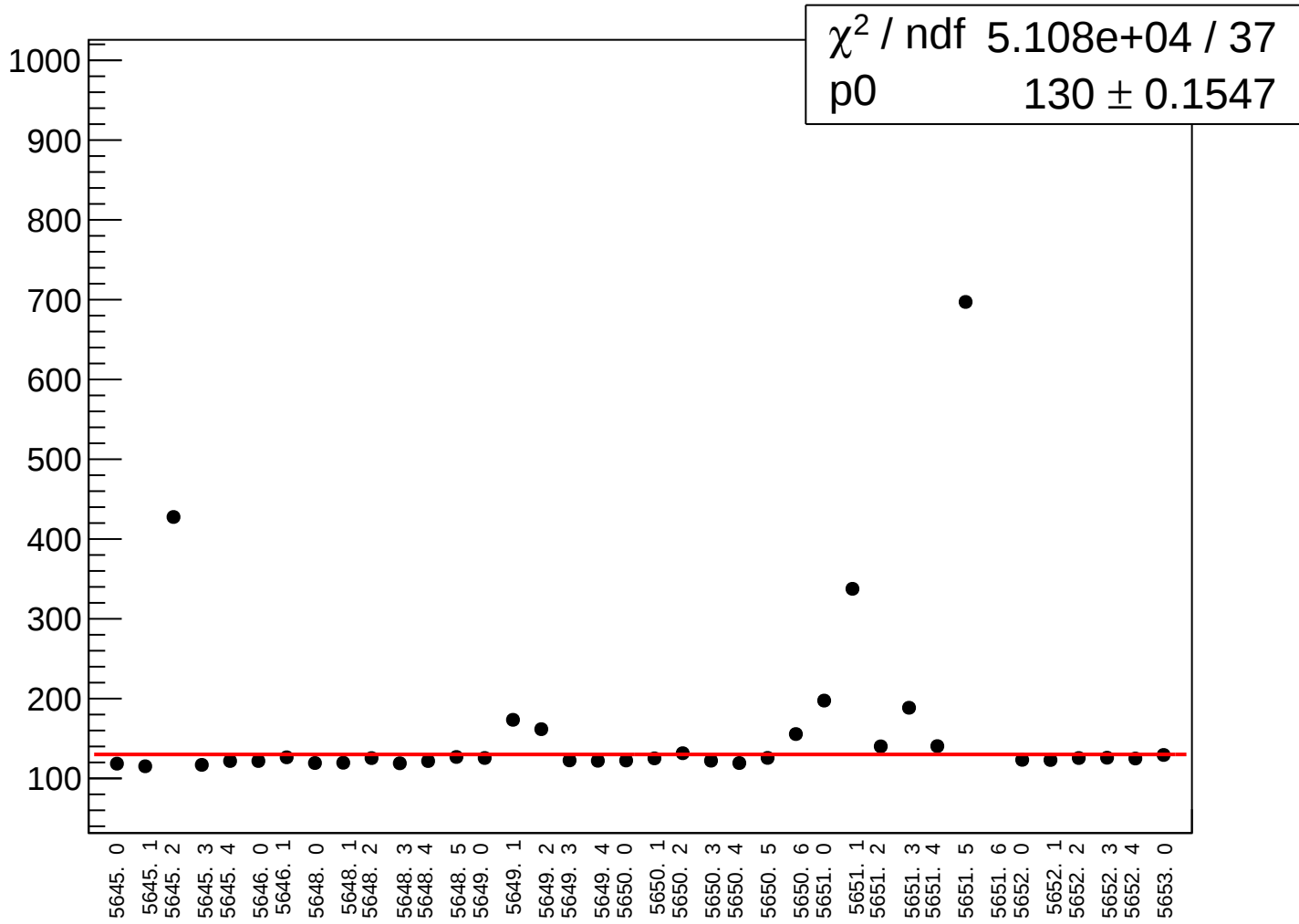
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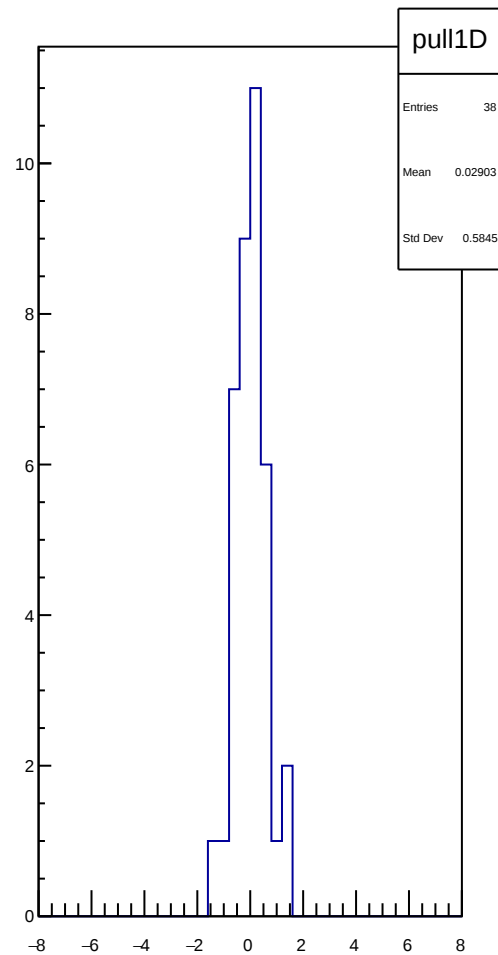
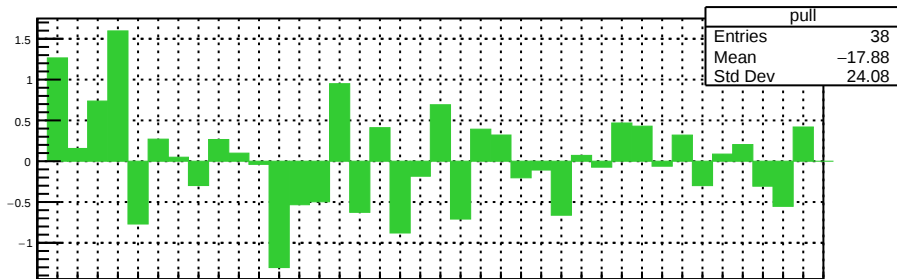
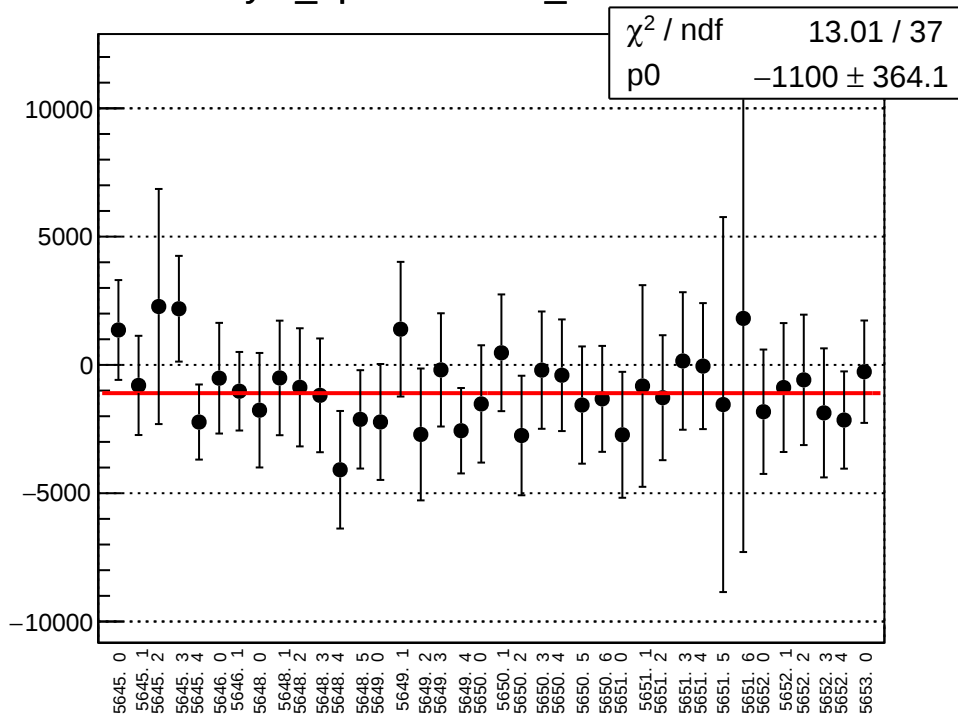
asym_bpm0i02WS_mean vs run



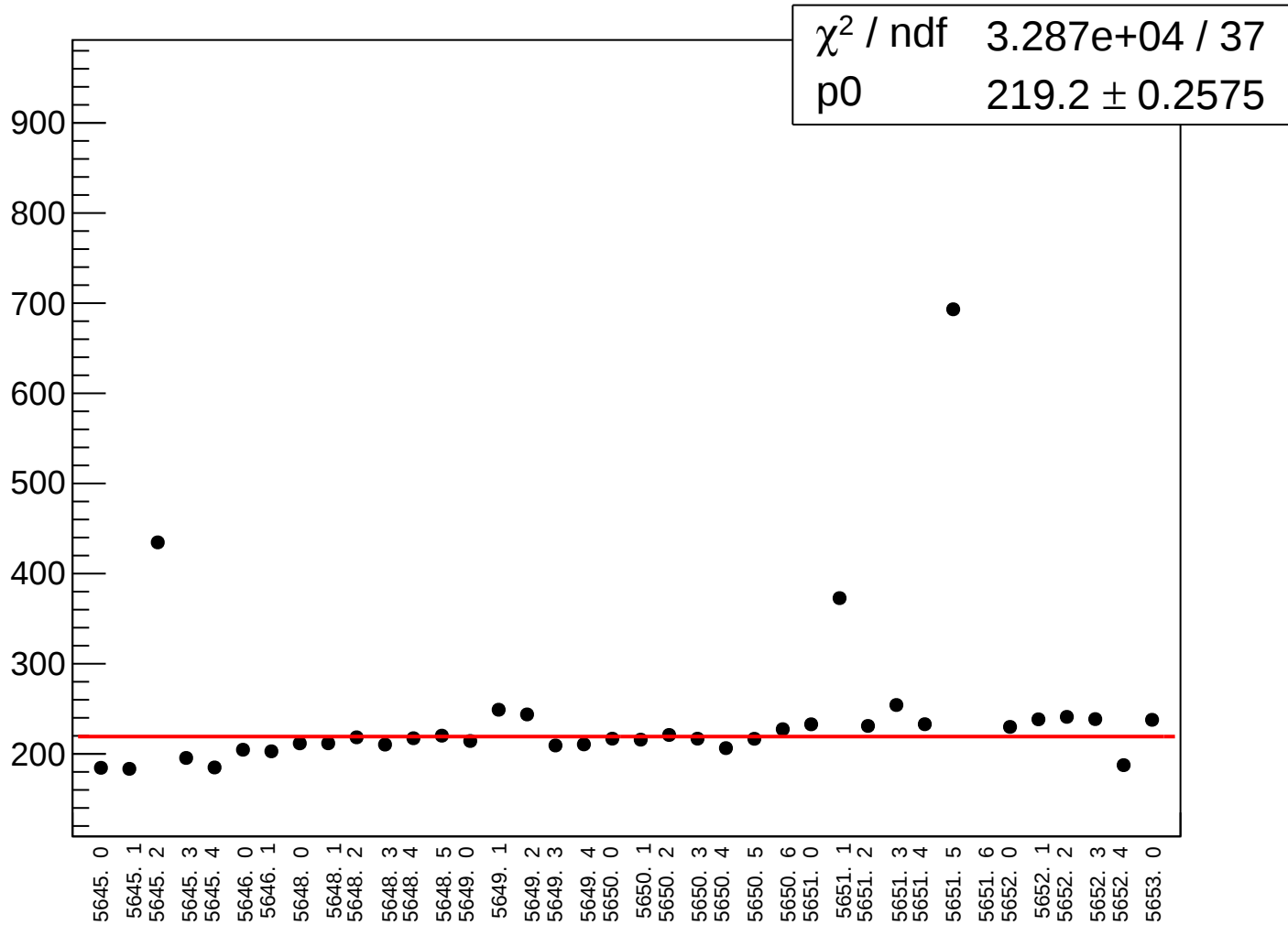
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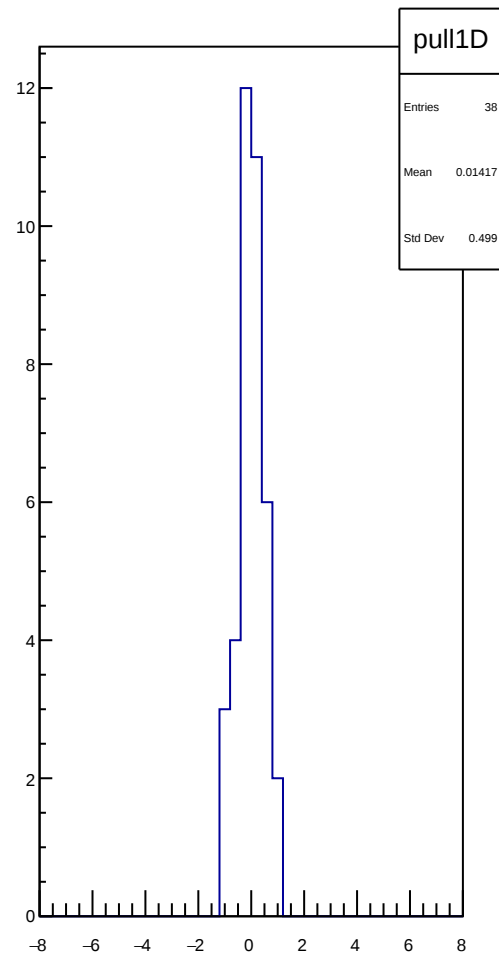
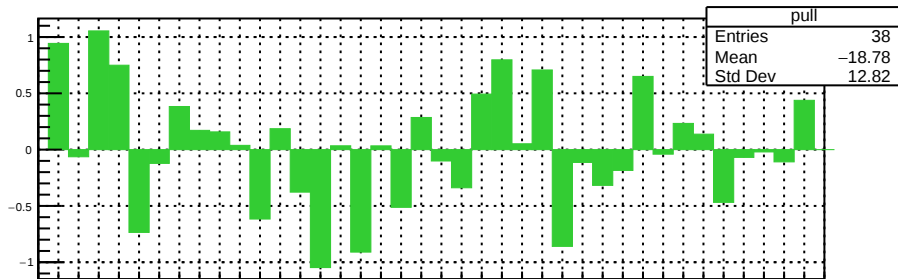
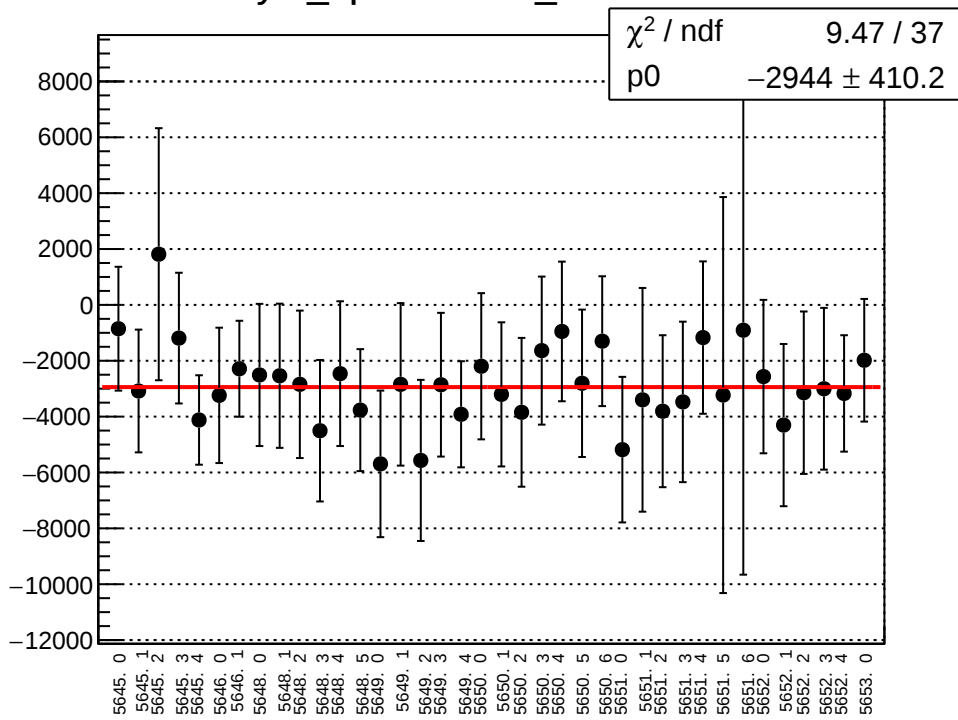
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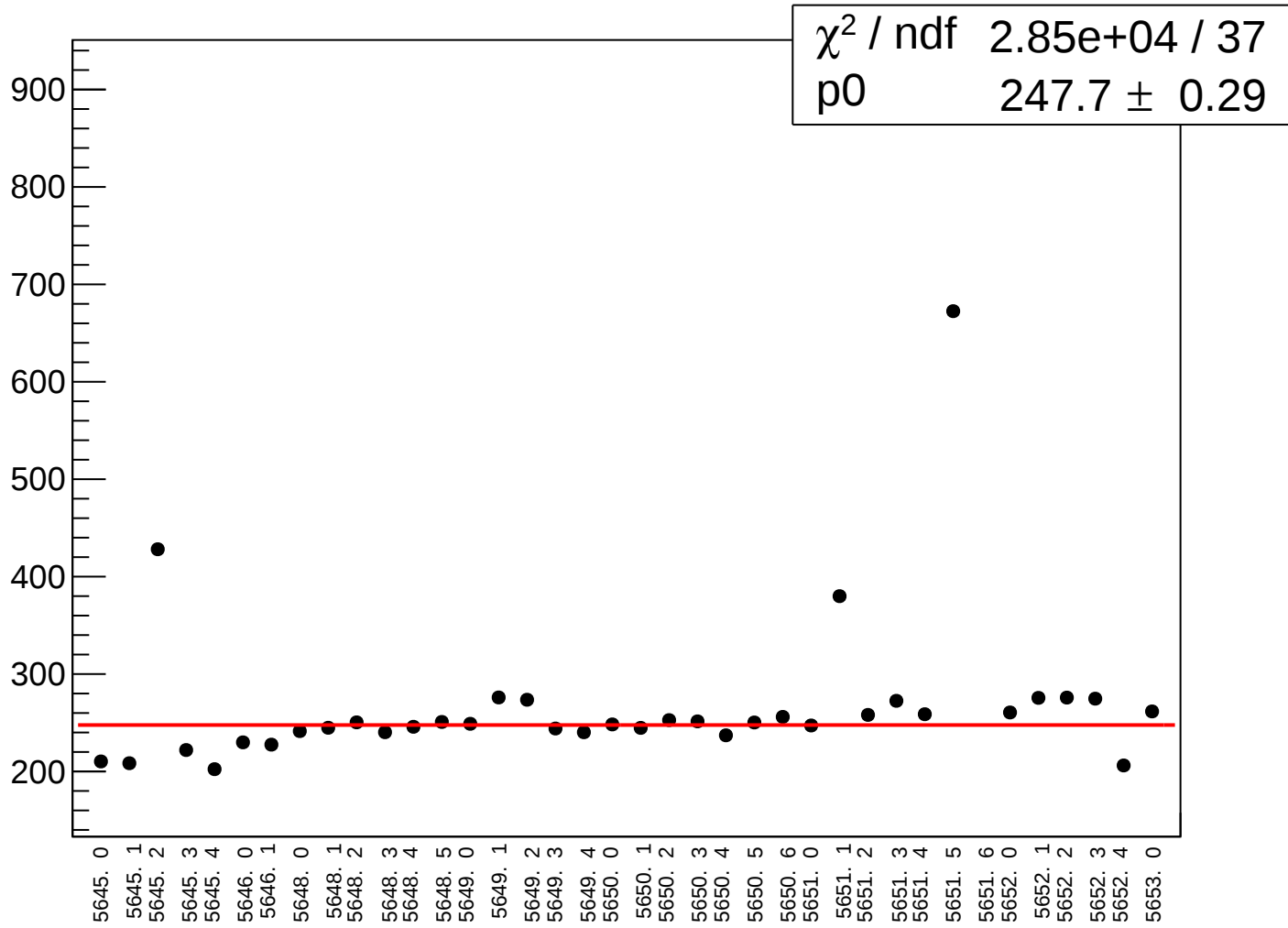
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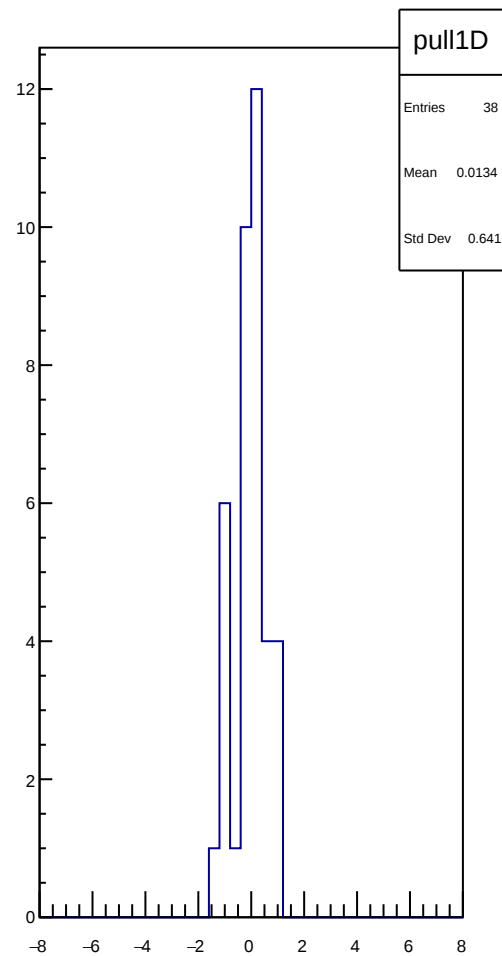
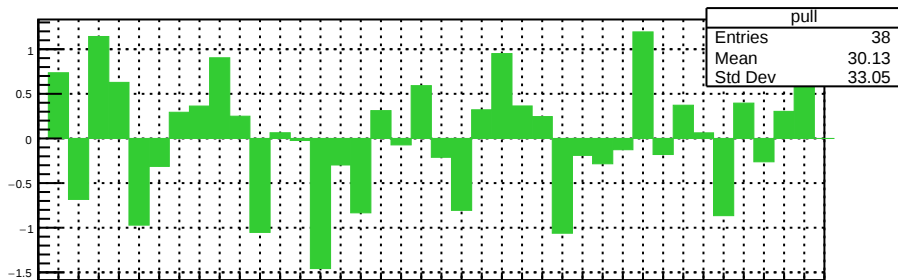
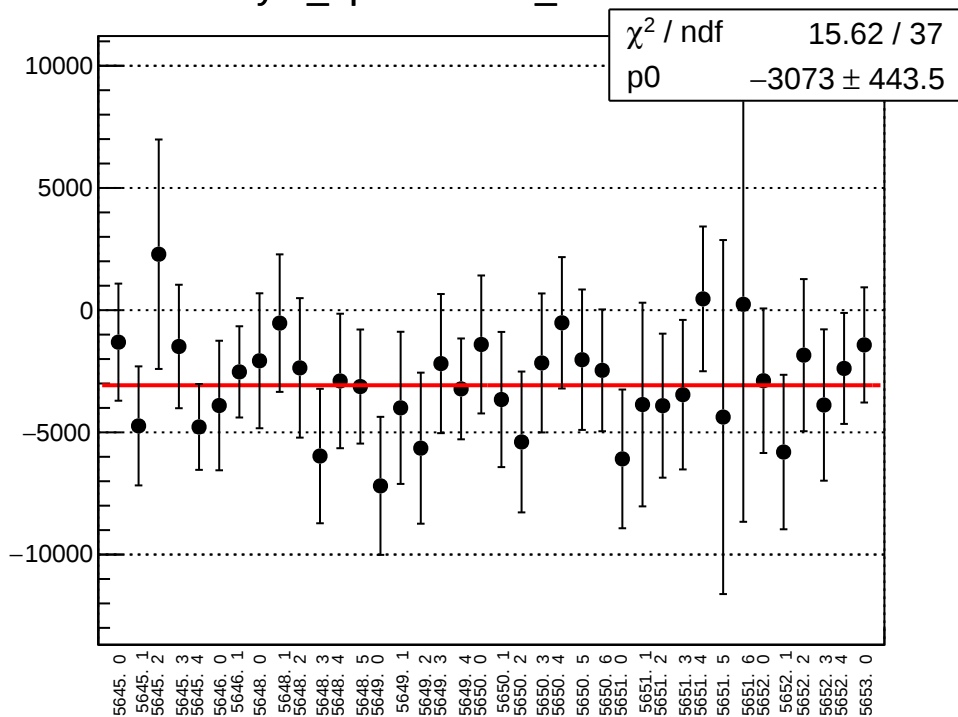
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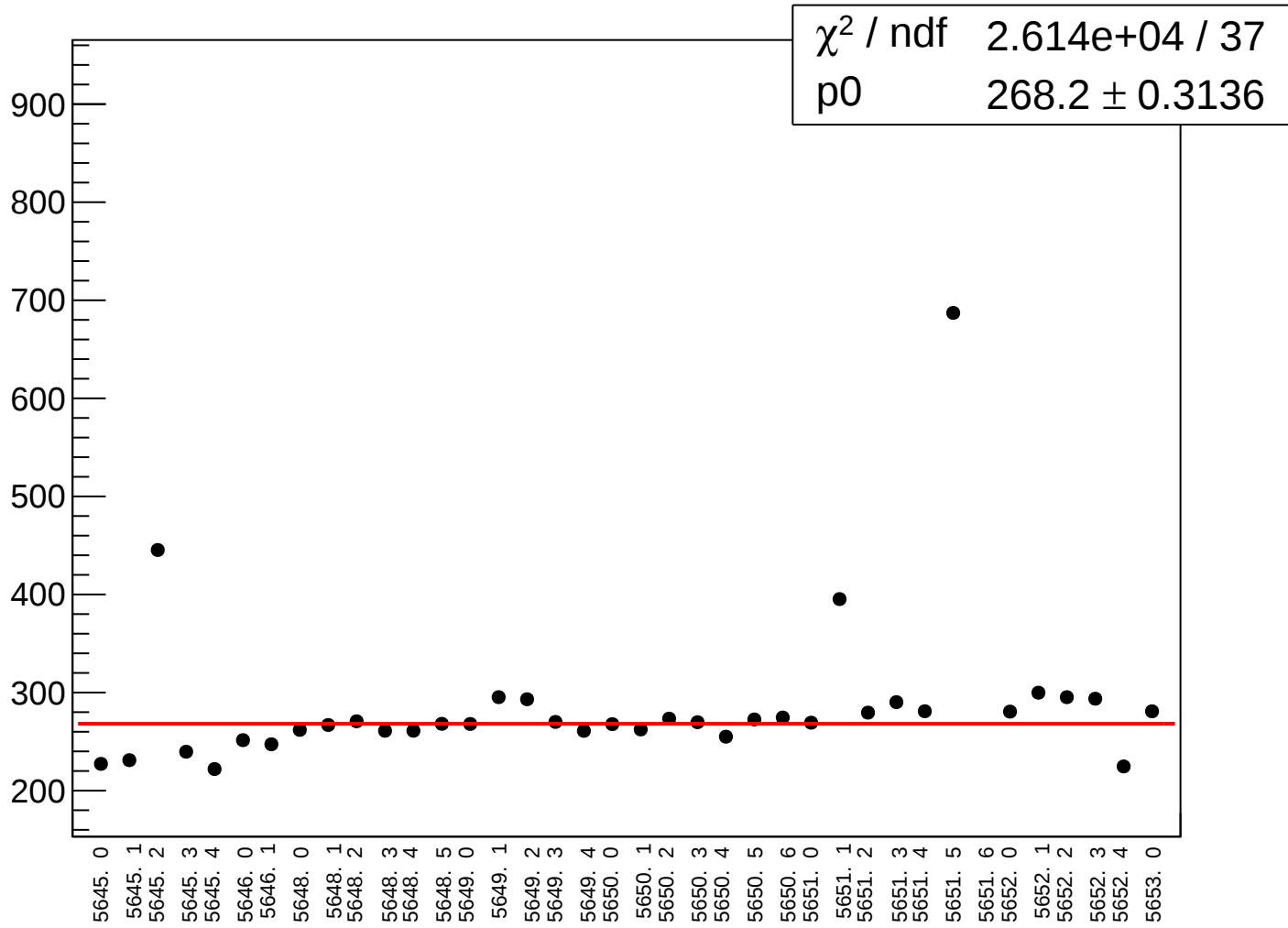
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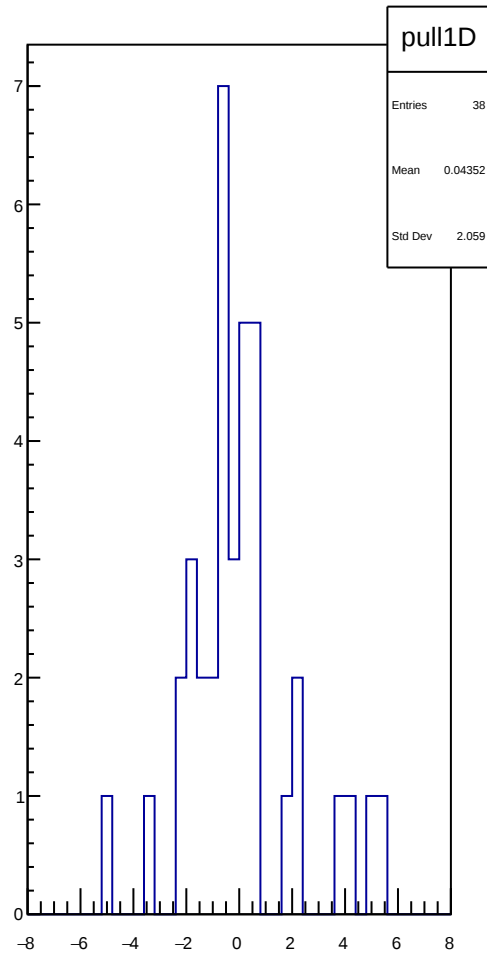
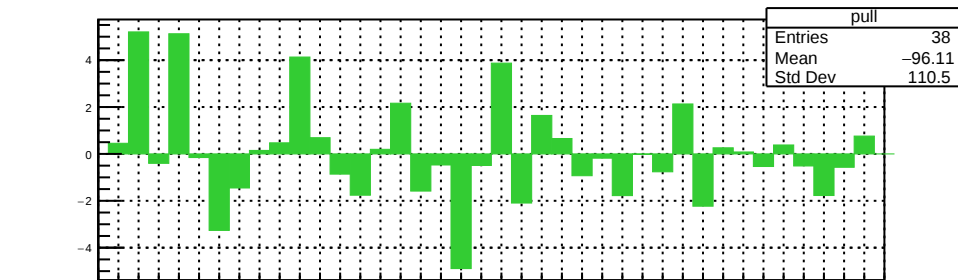
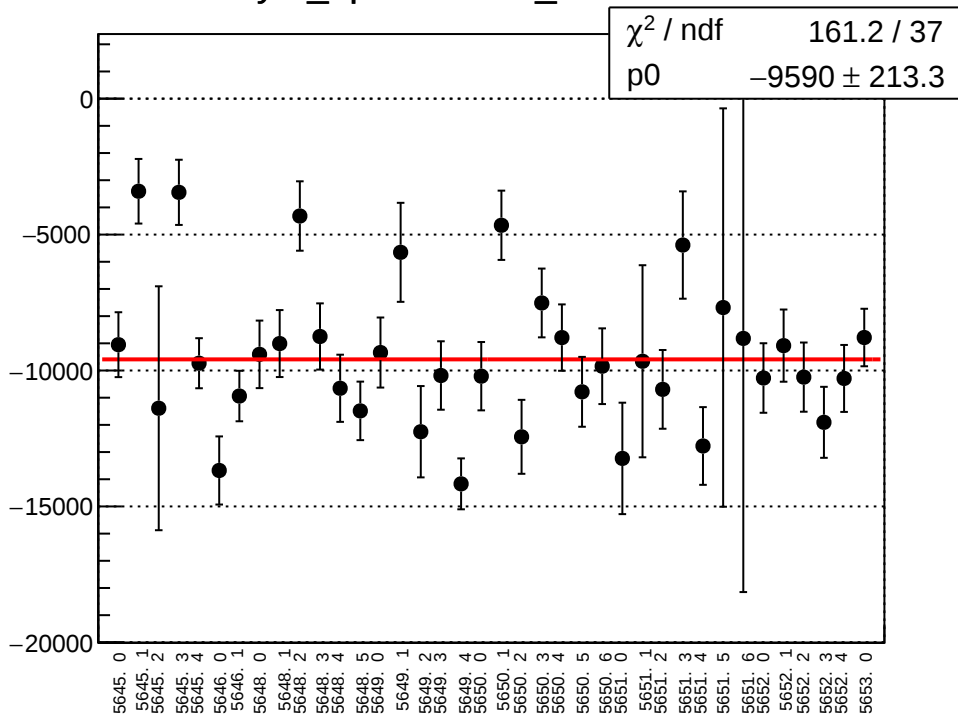
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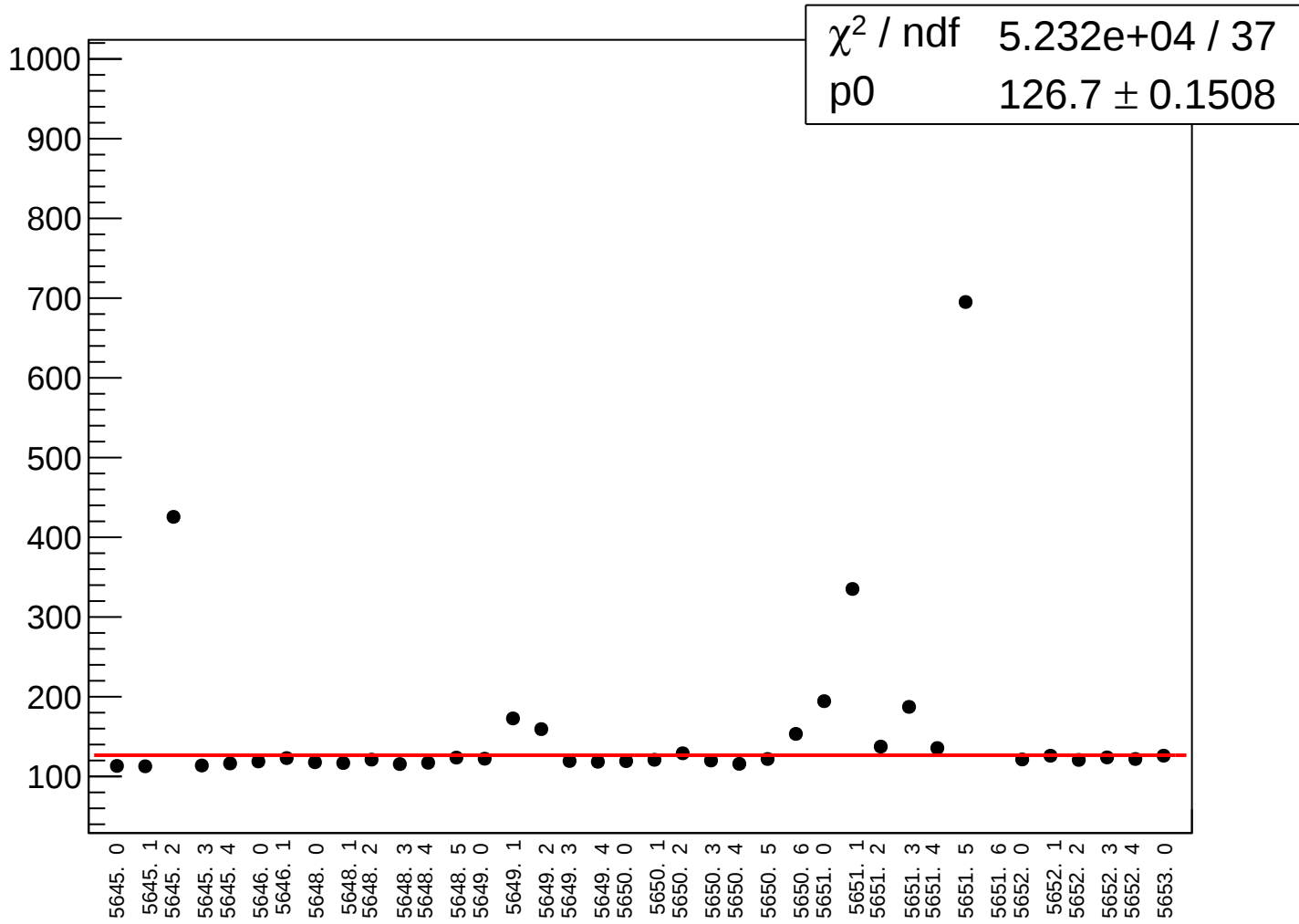
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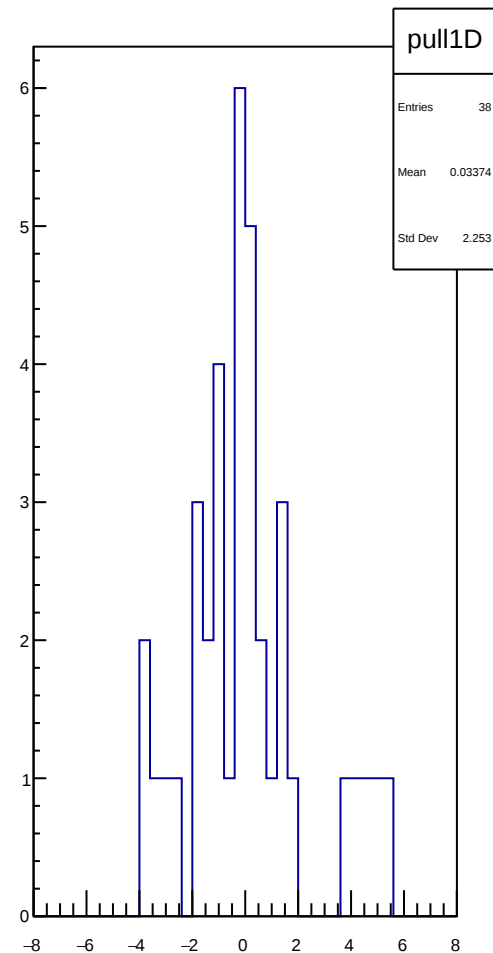
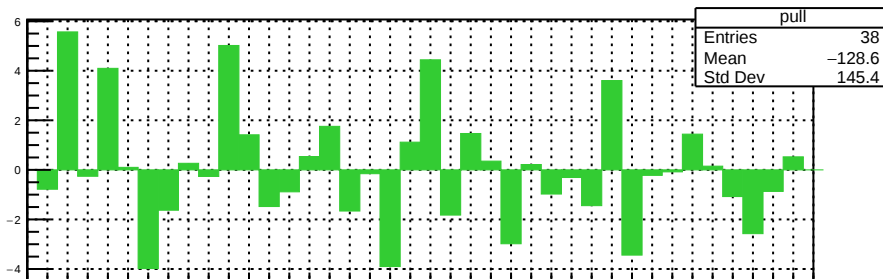
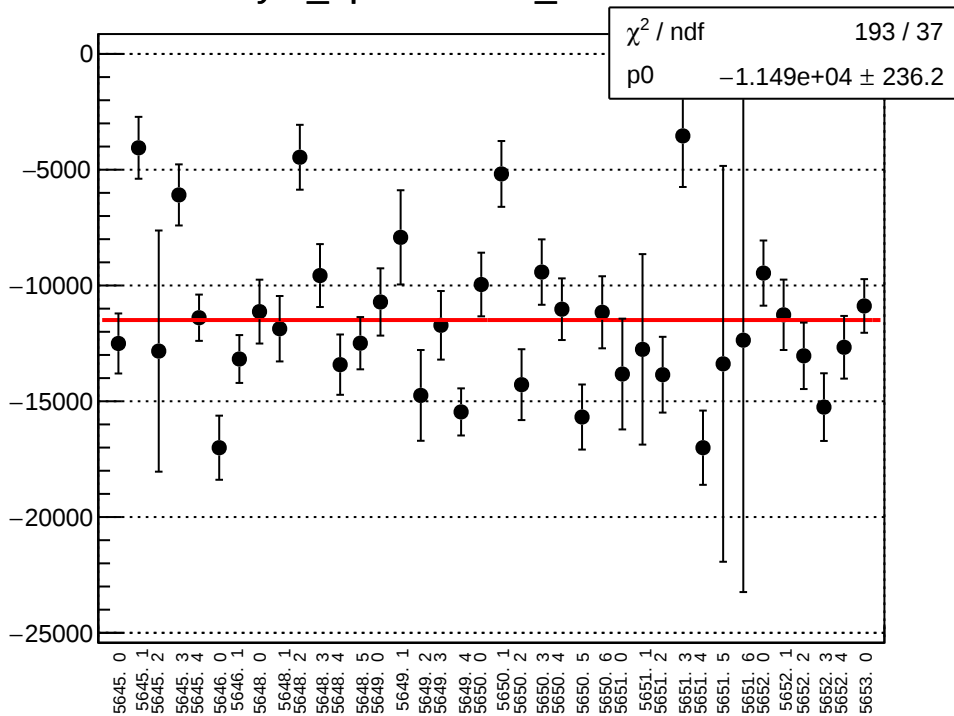
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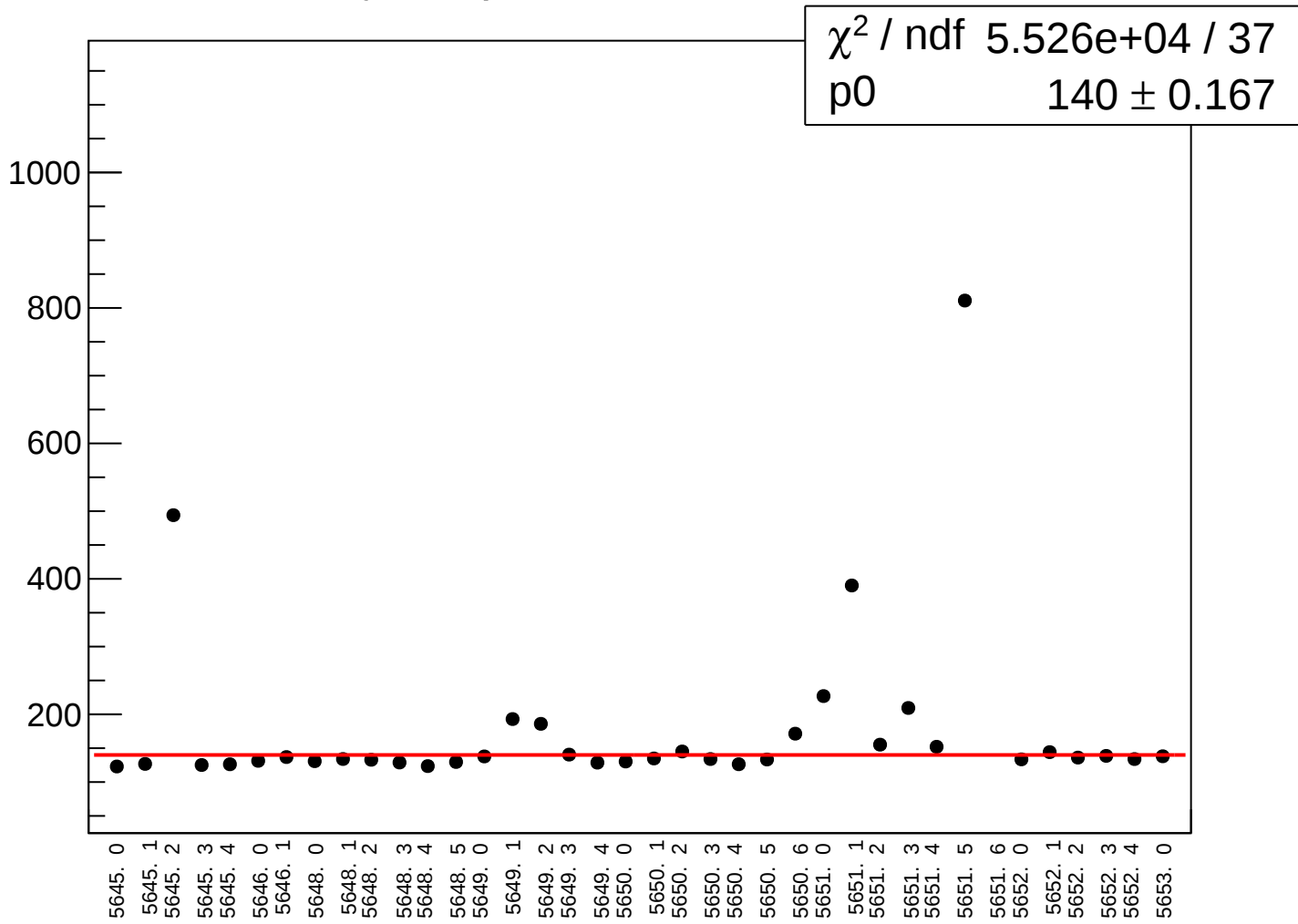
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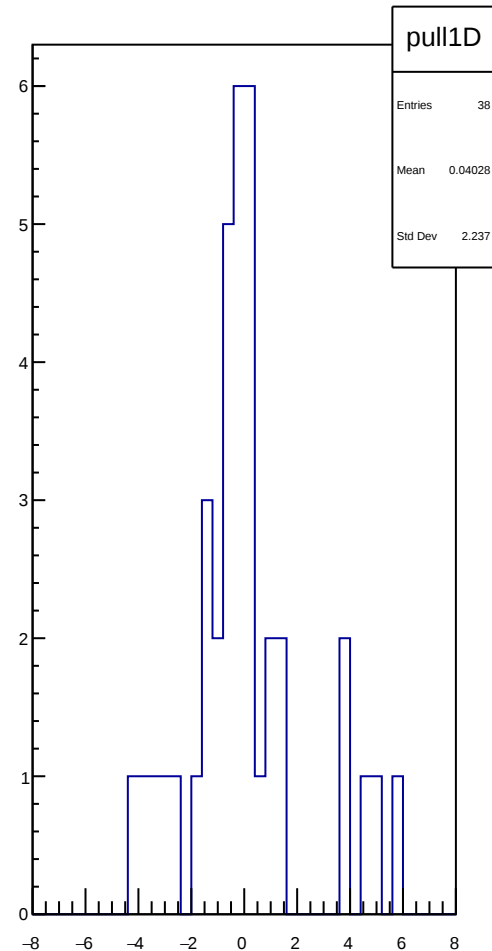
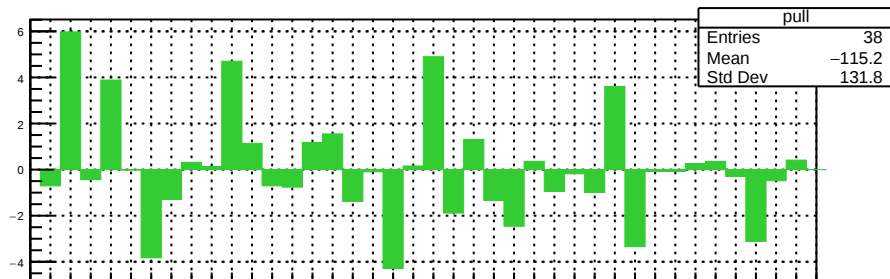
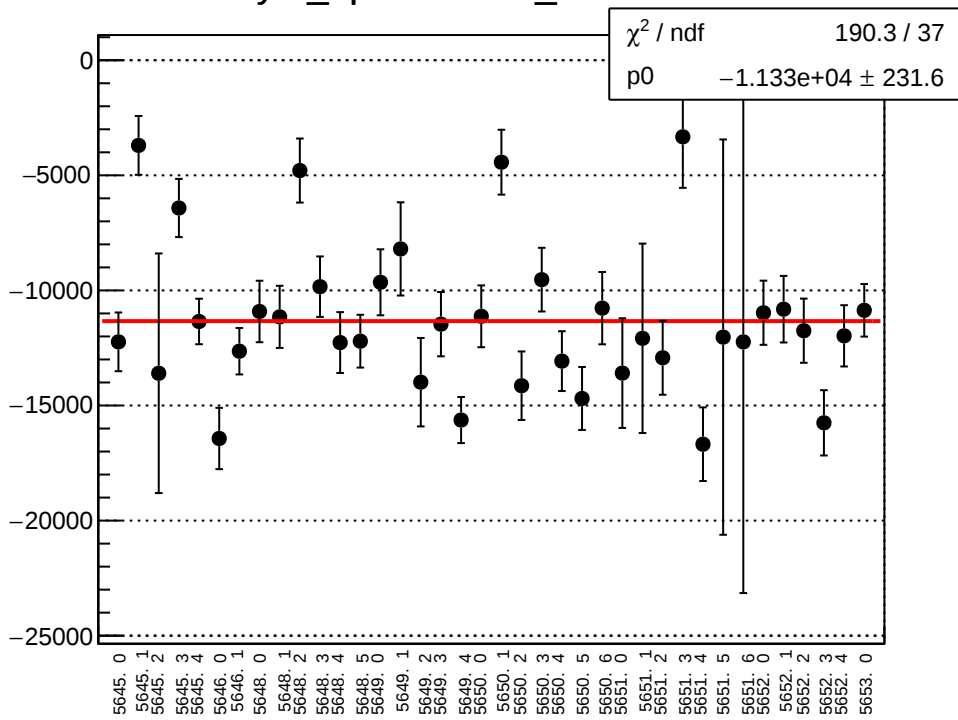
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asym_bpm2i01WS_rms vs run

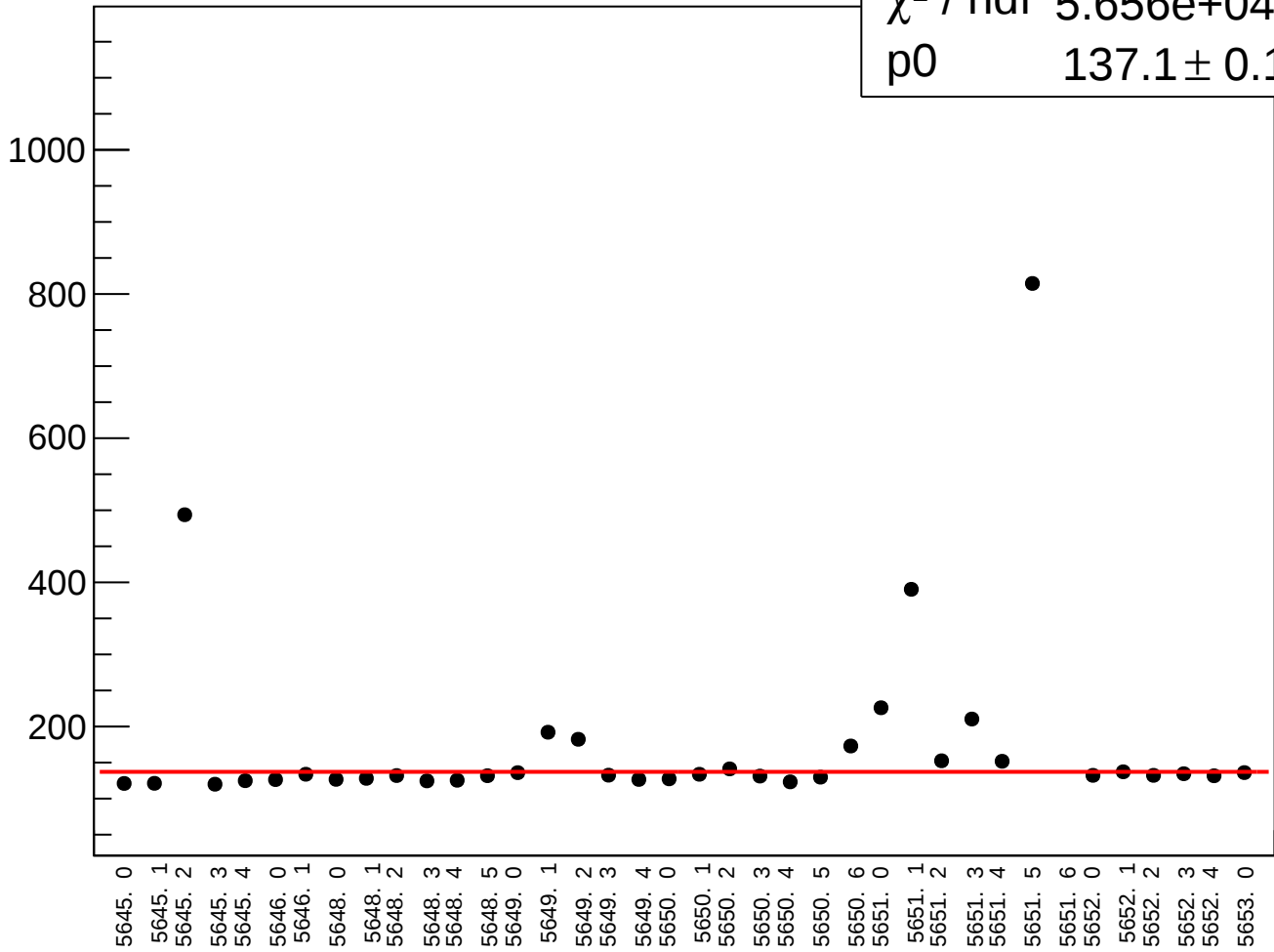


asym_bpm2i02WS_mean vs run

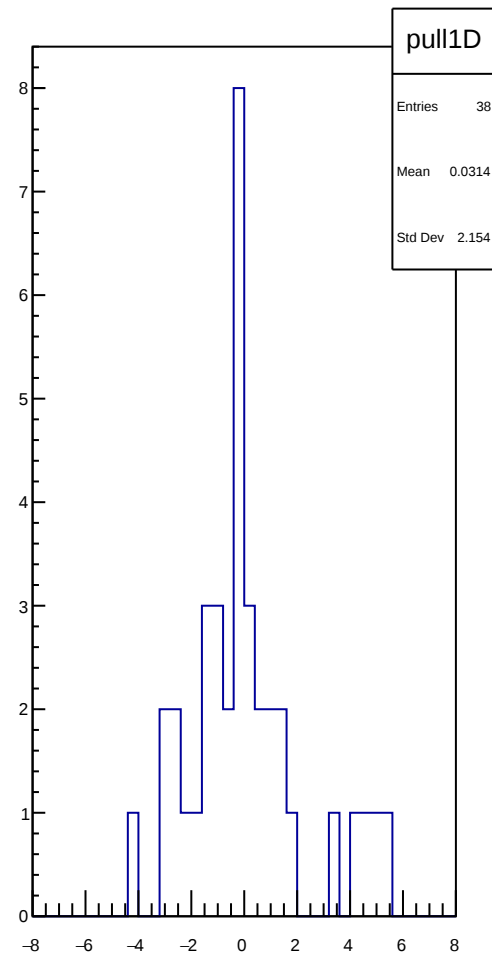
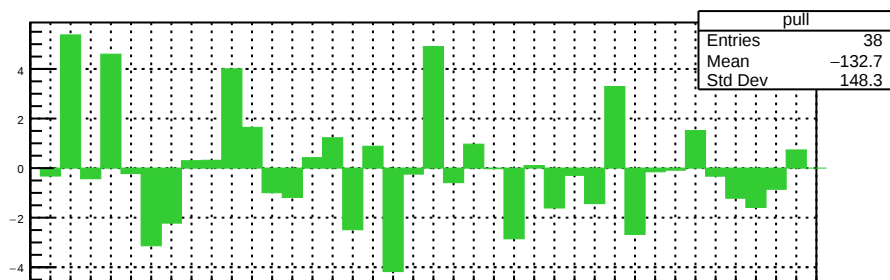
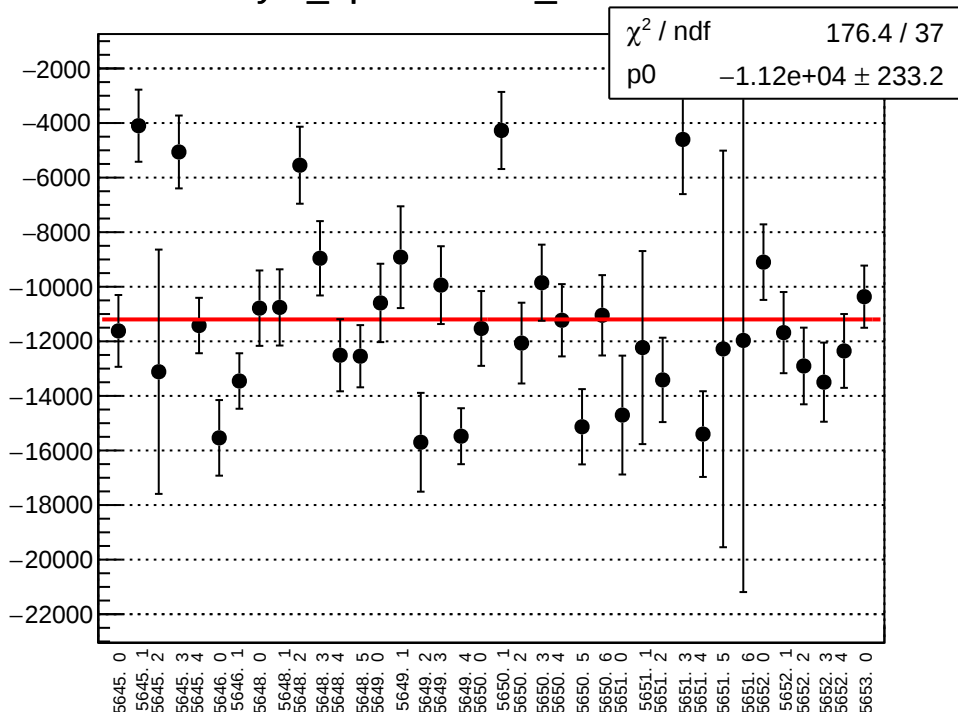


asym_bpm2i02WS_rms vs run

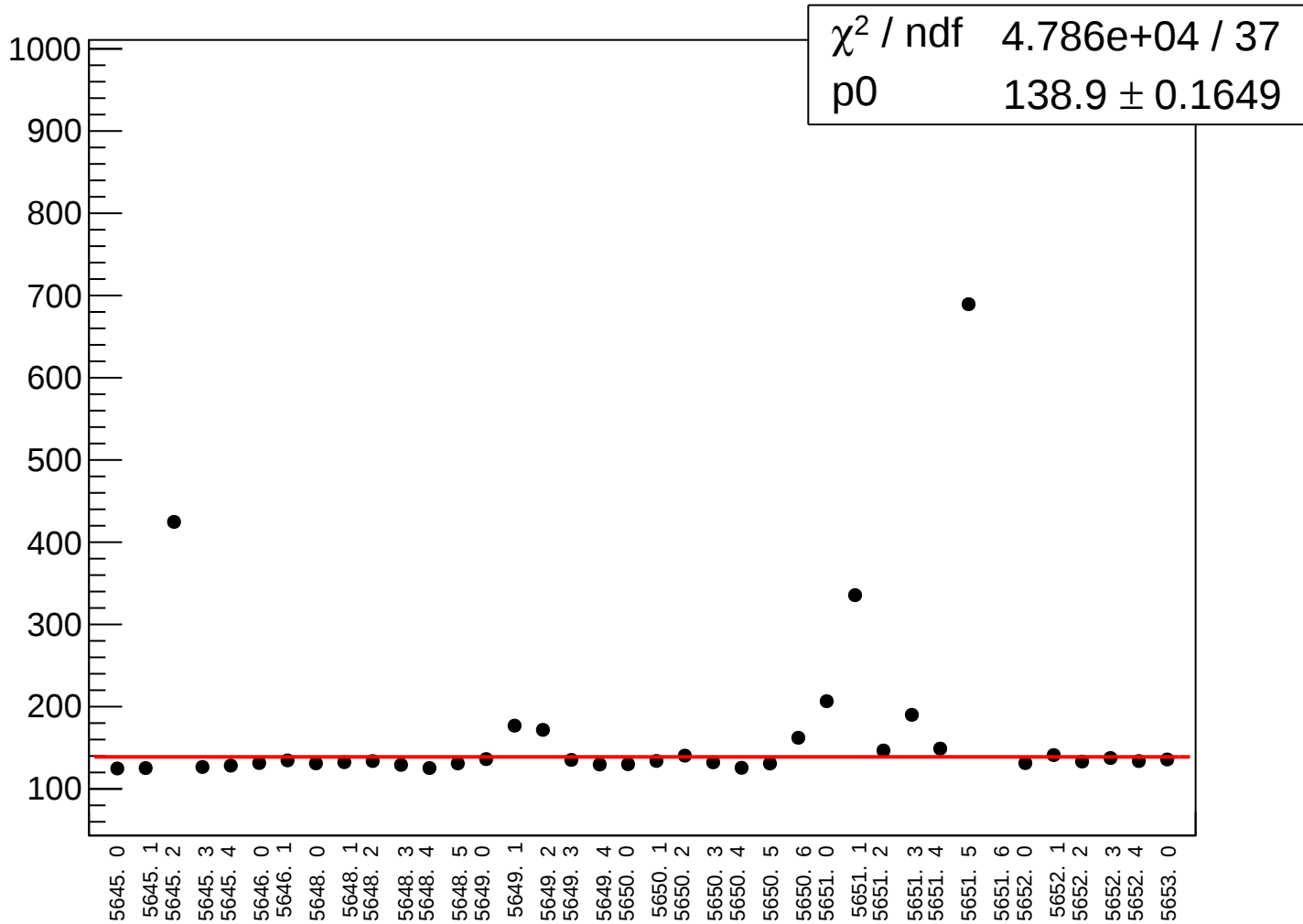
χ^2 / ndf 5.656e+04 / 37
p0 137.1 ± 0.1638



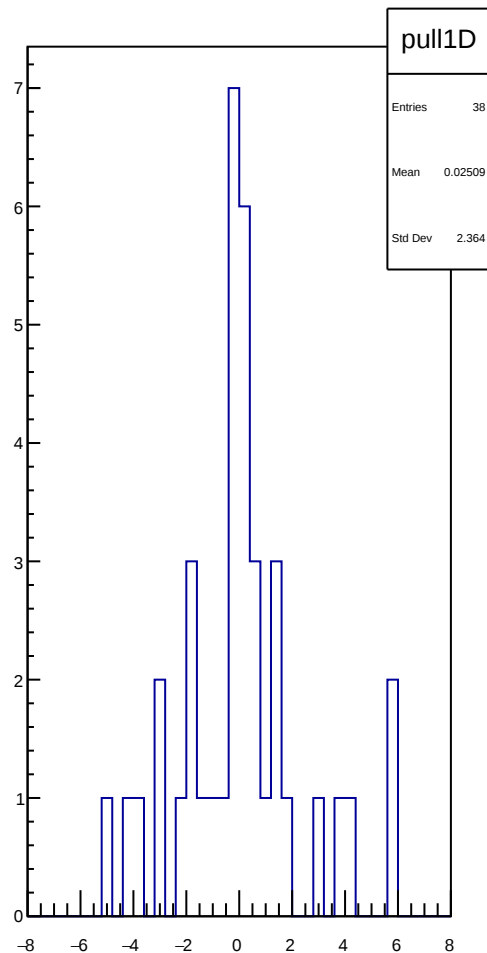
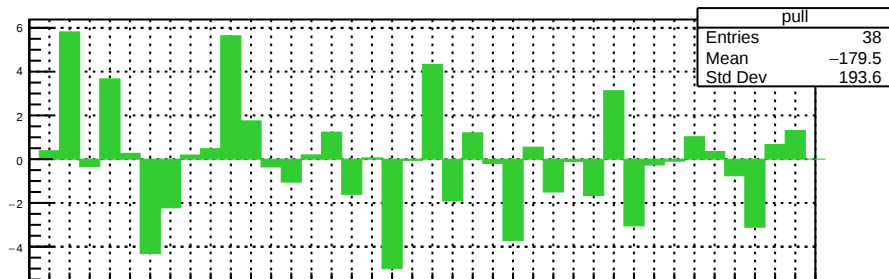
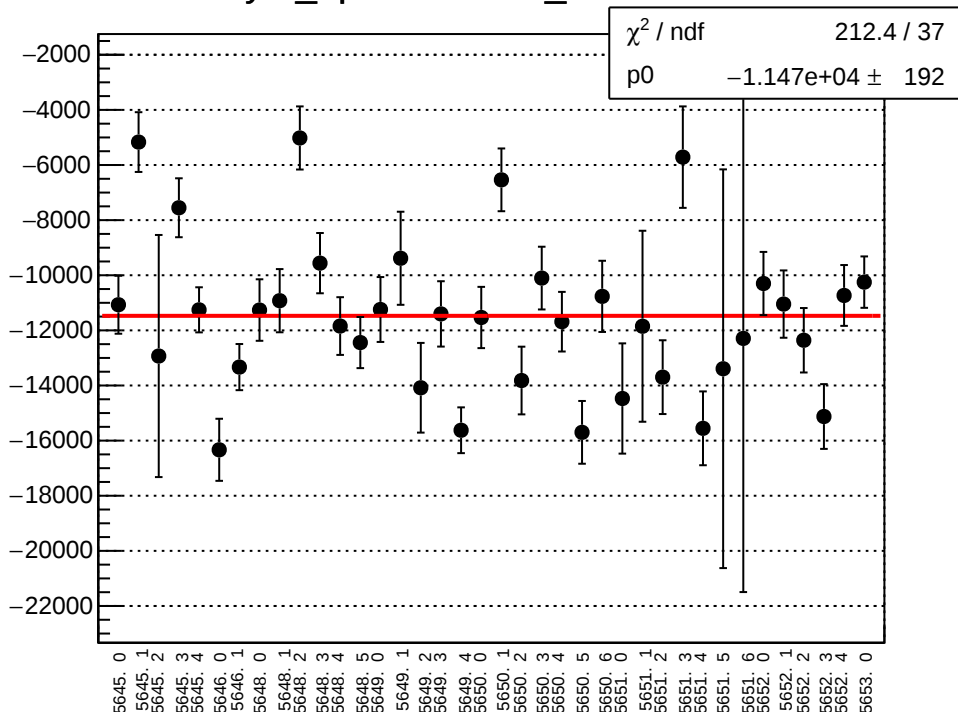
asym_bpm0i01WS_mean vs run



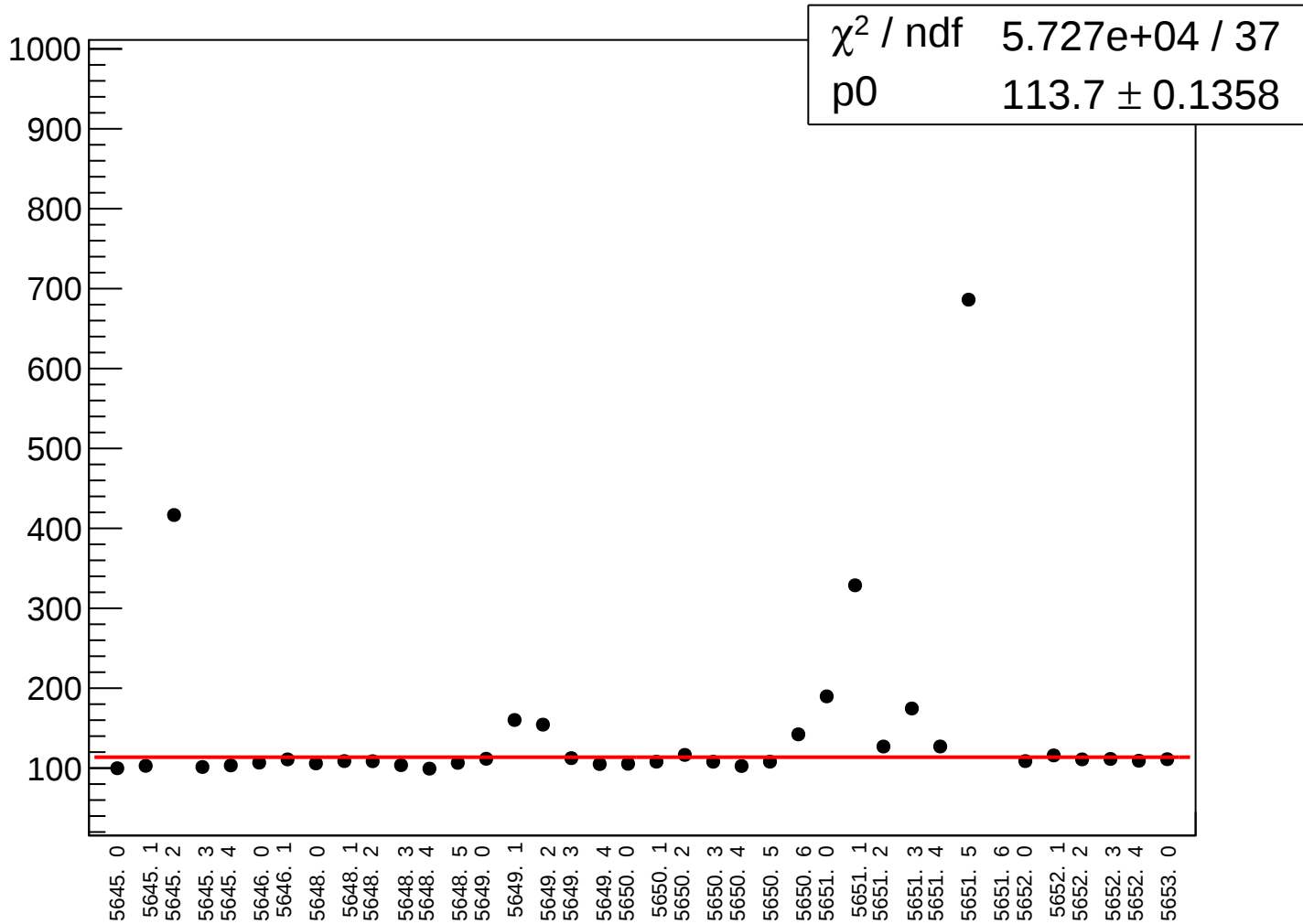
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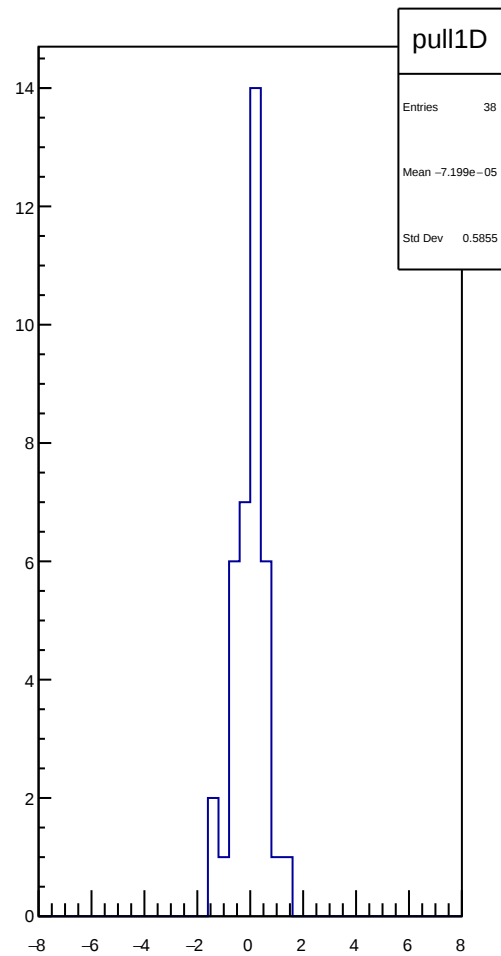
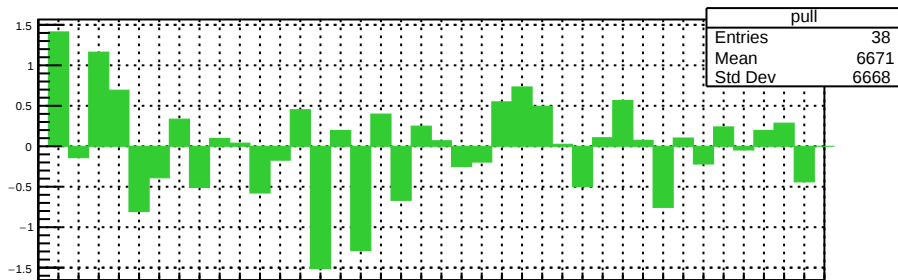
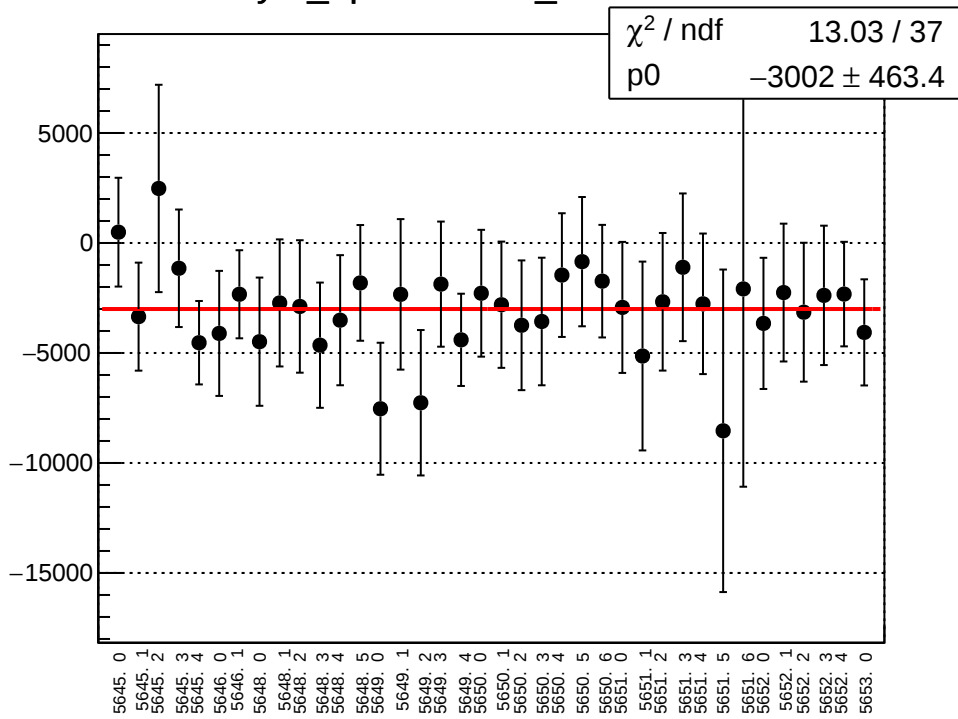
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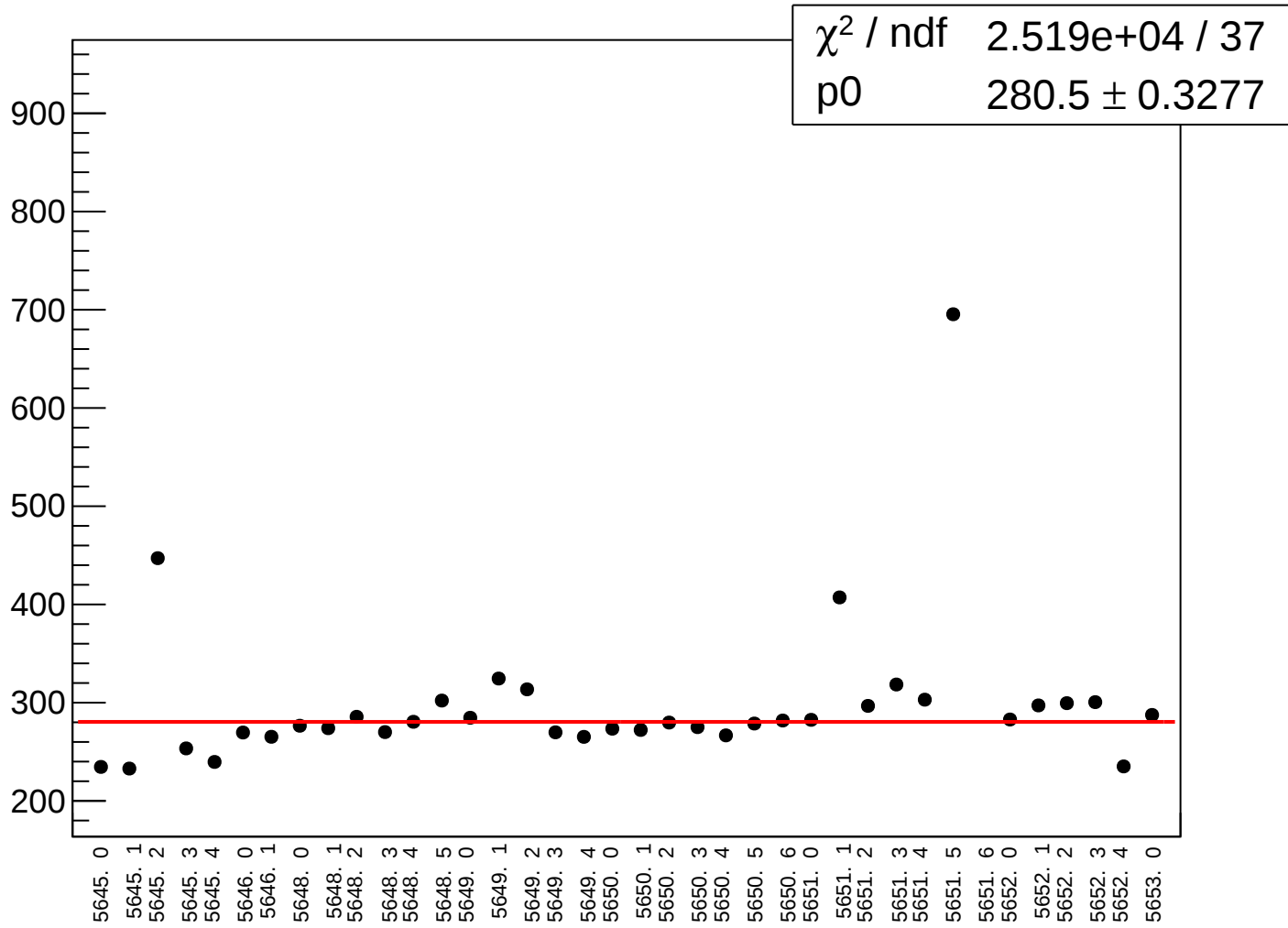
asym_bpm0i01aWS_rms vs run



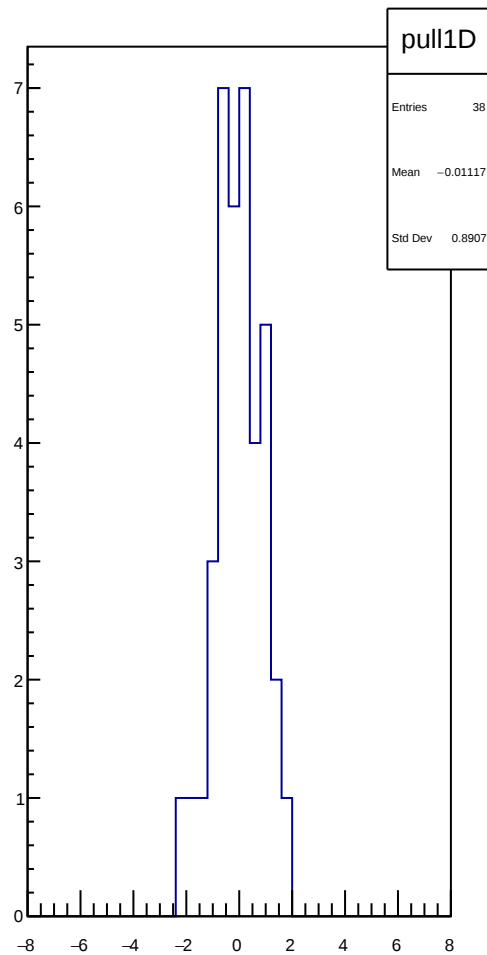
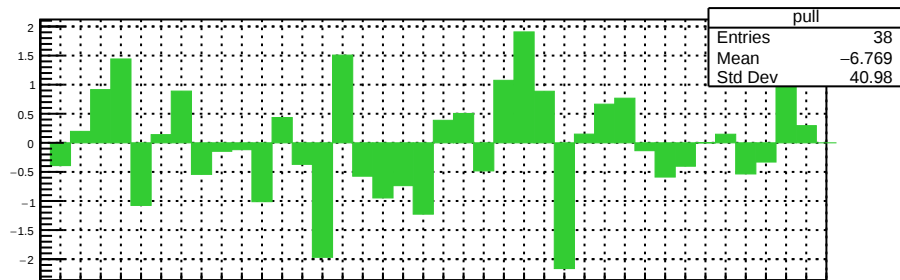
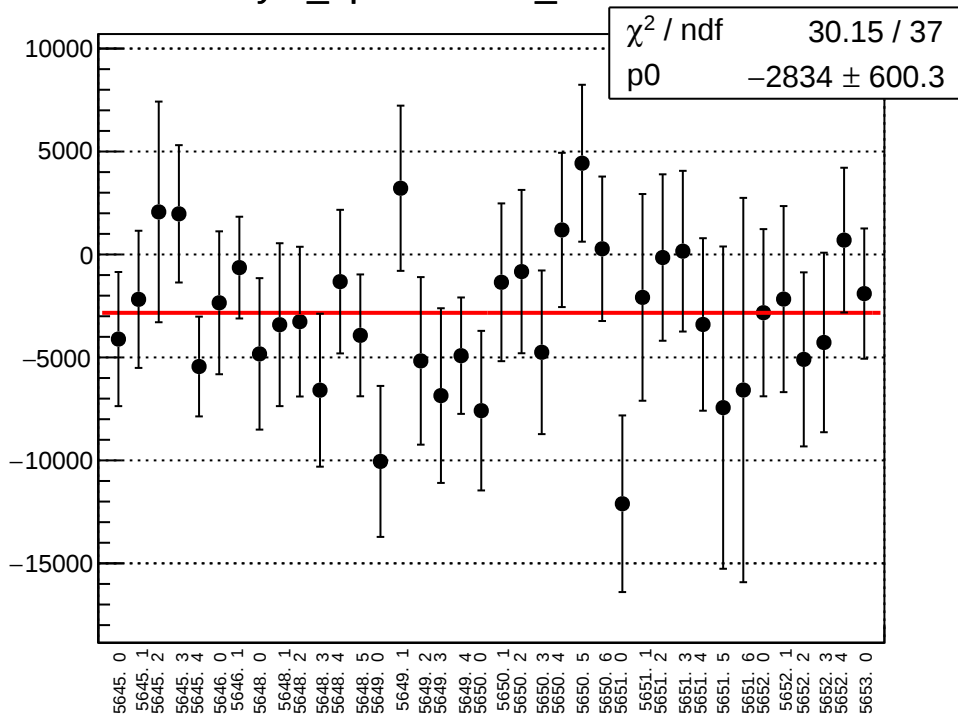
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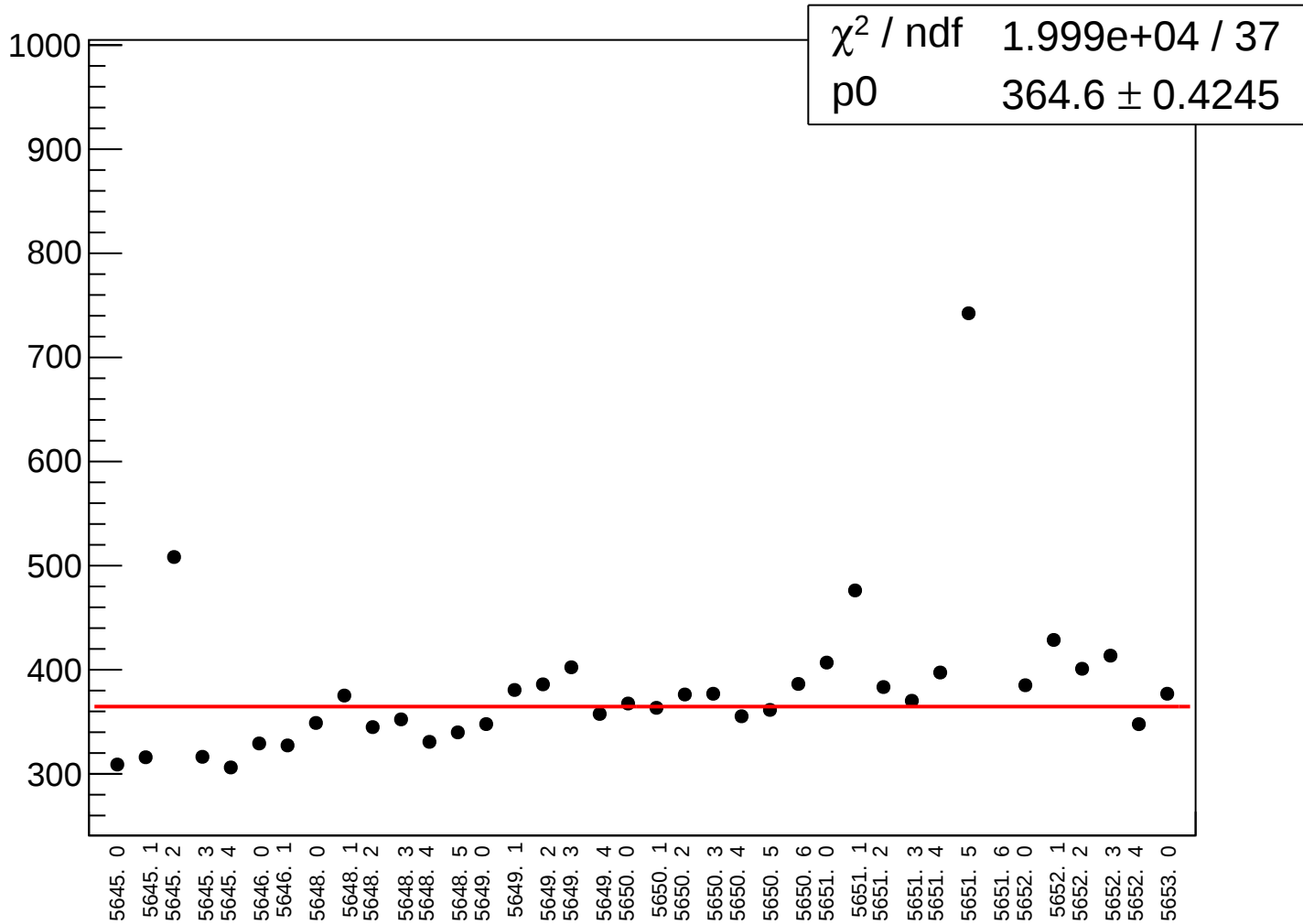
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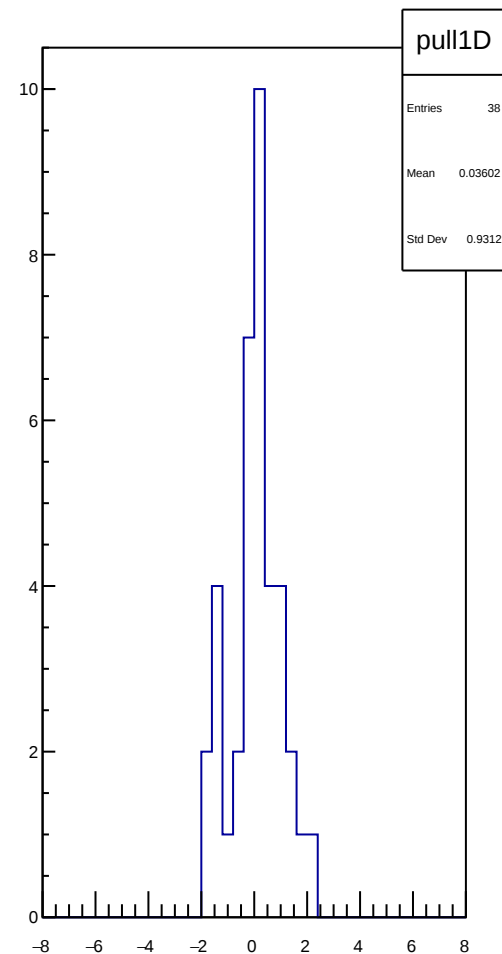
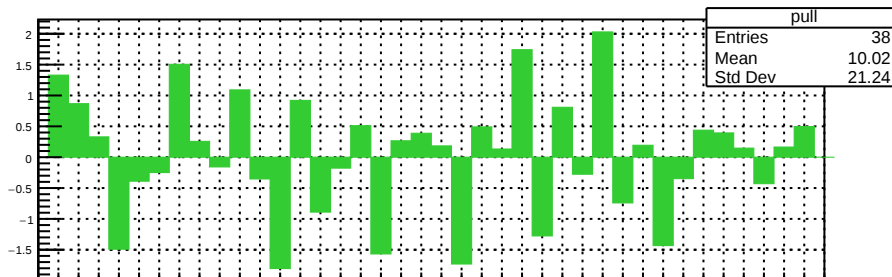
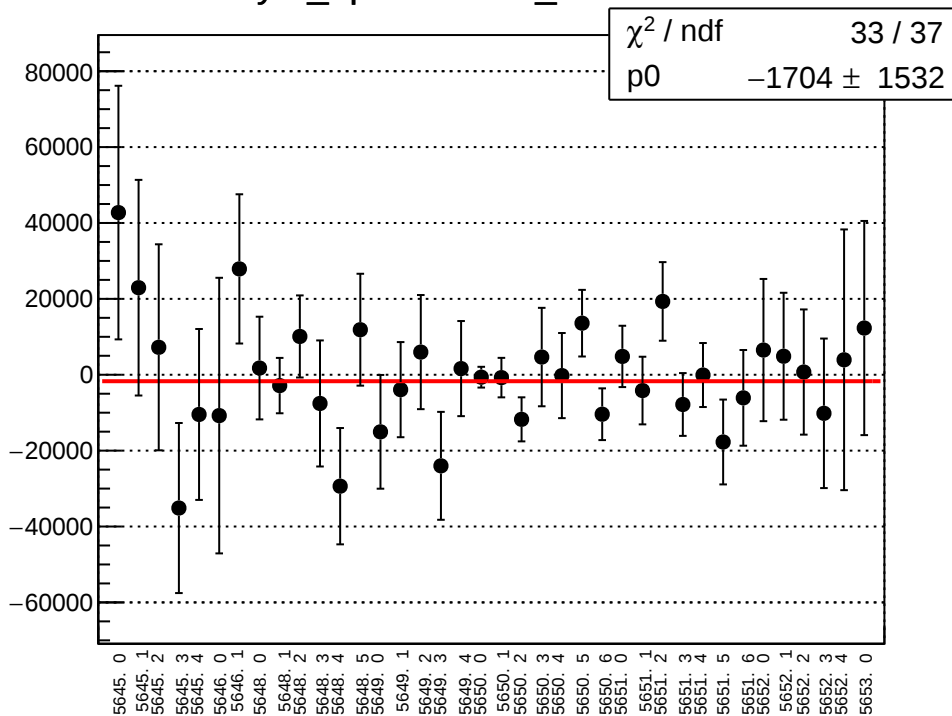
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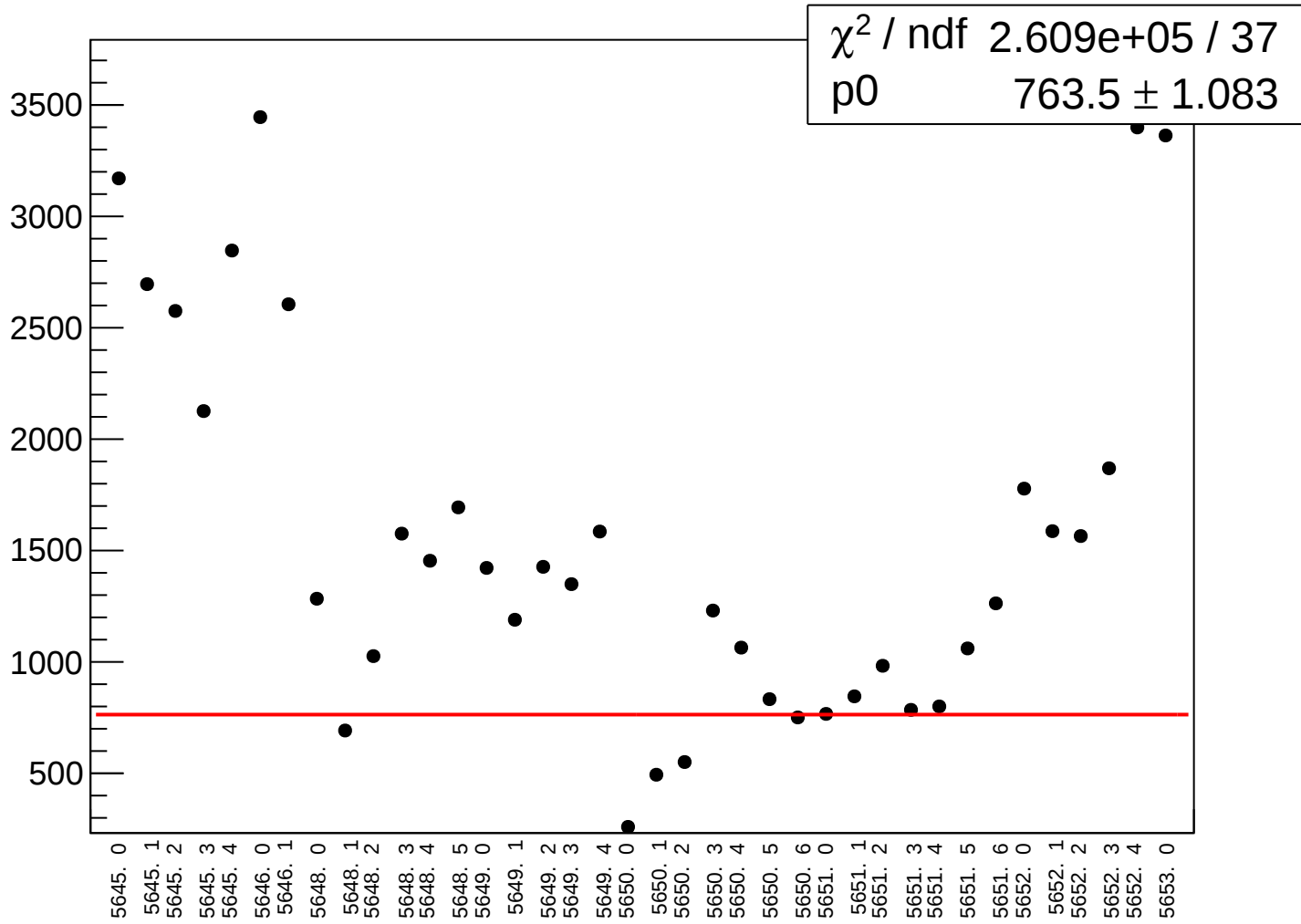
asym_bpm0l02WS_rms vs run



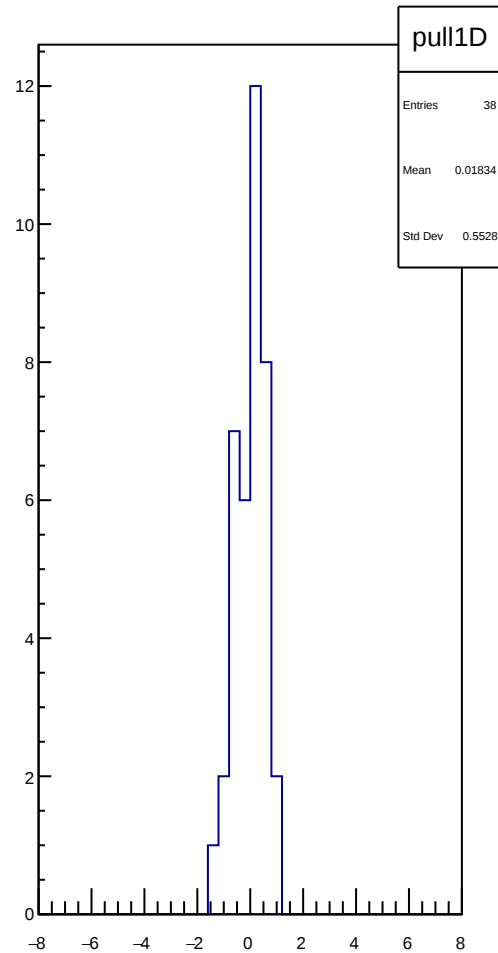
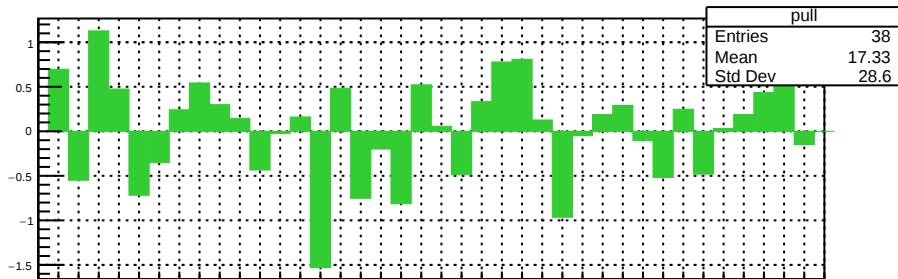
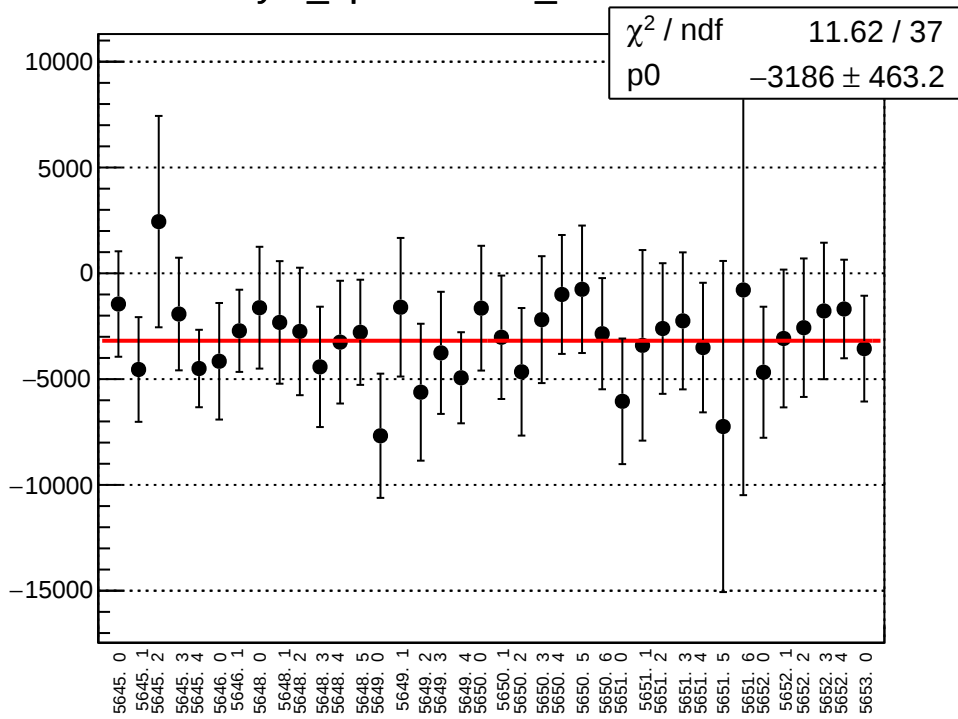
asym_bpm0l03WS_mean vs run



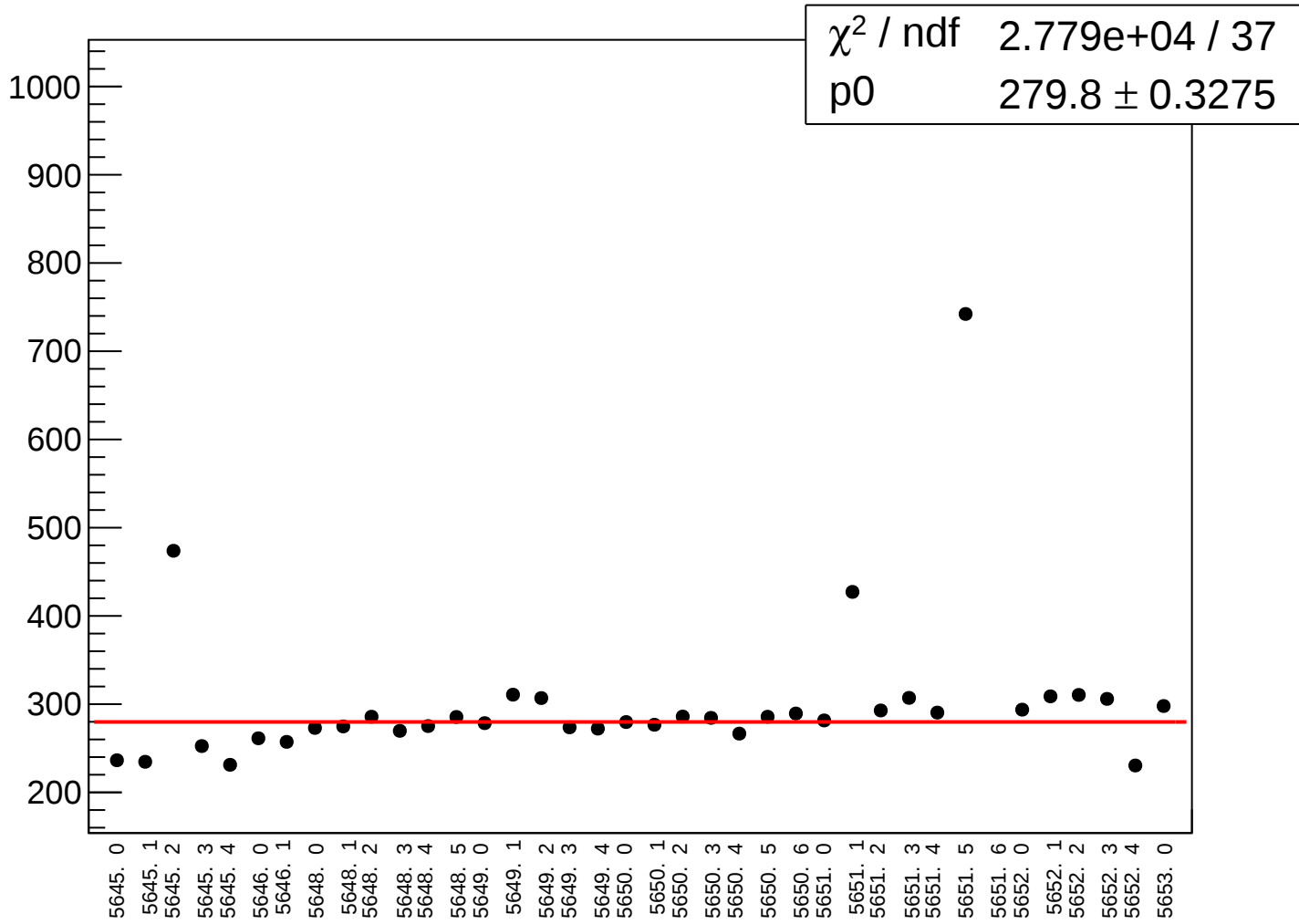
asym_bpm0l03WS_rms vs run



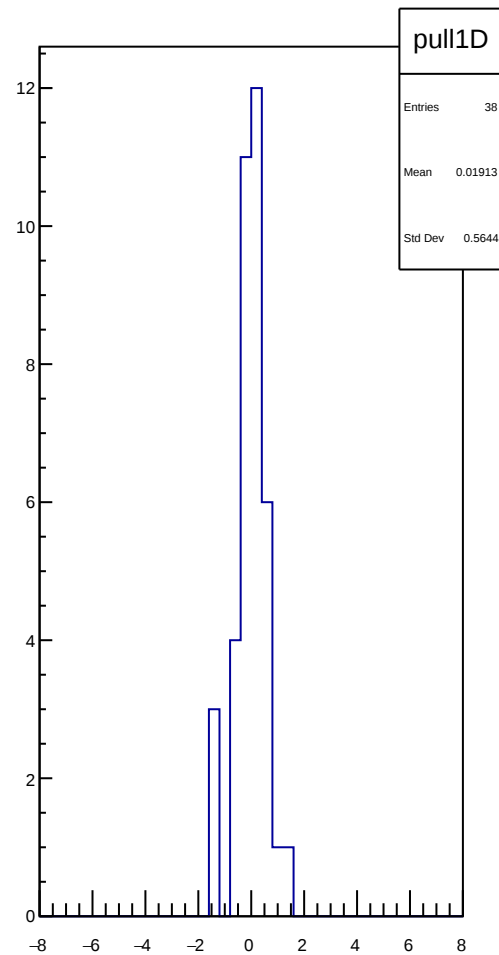
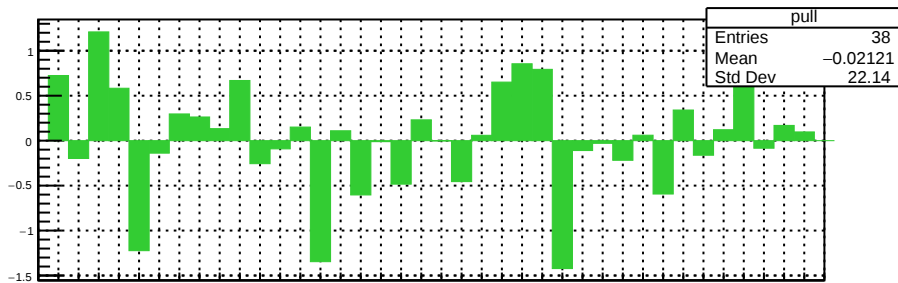
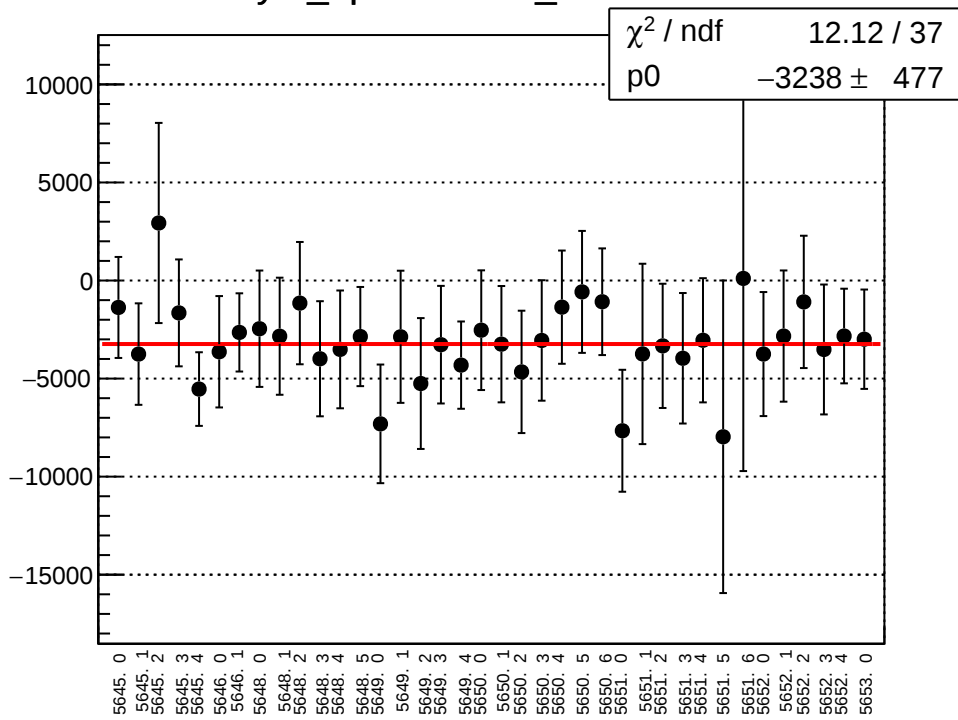
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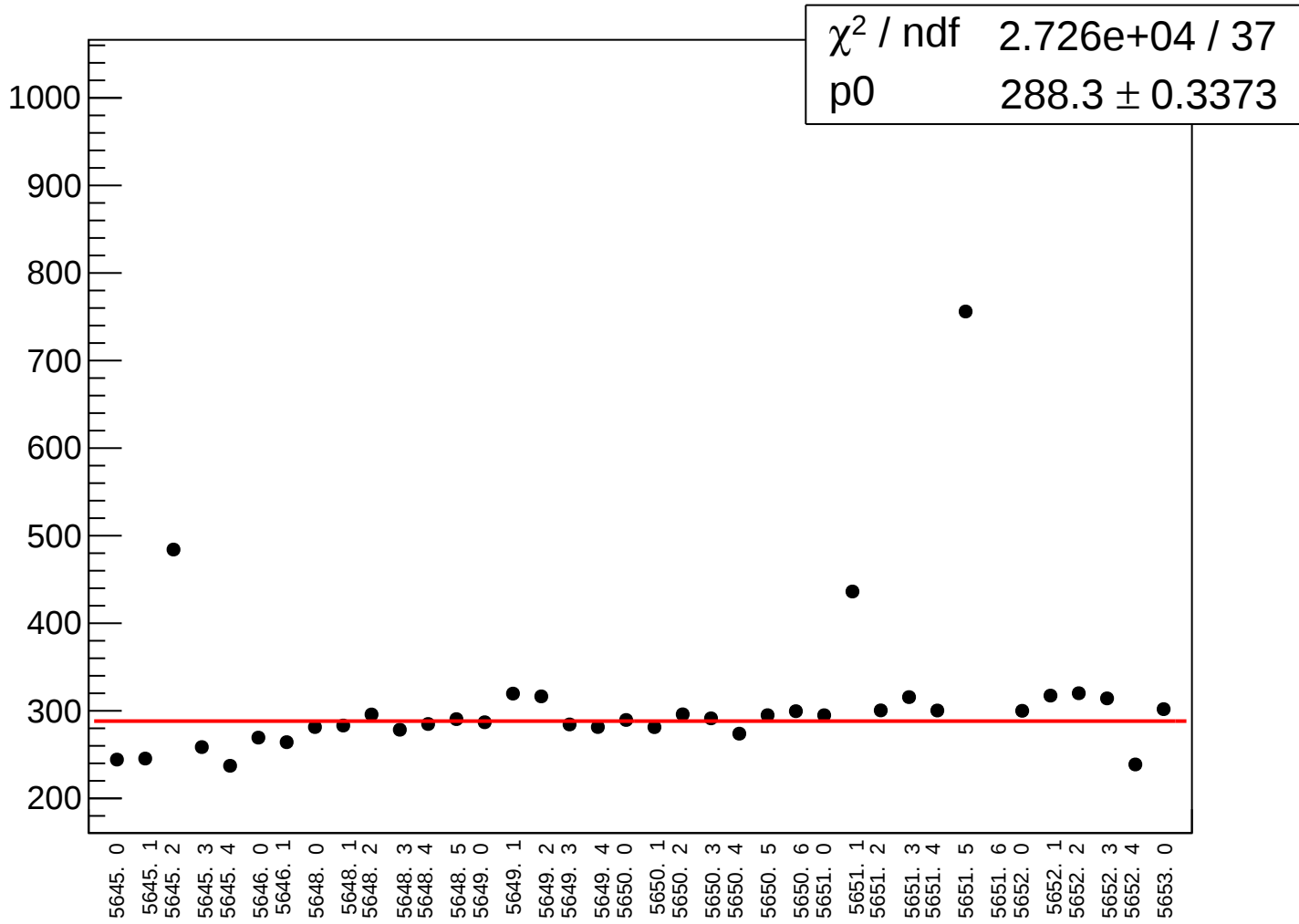
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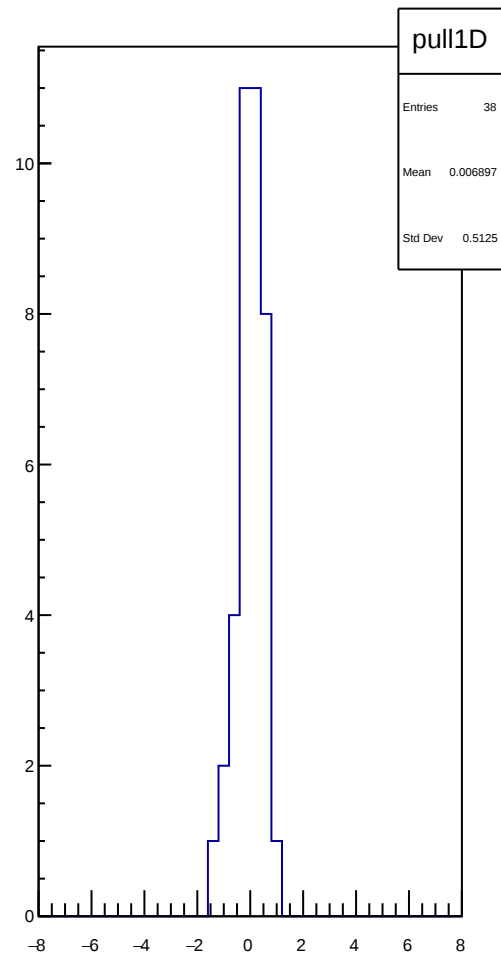
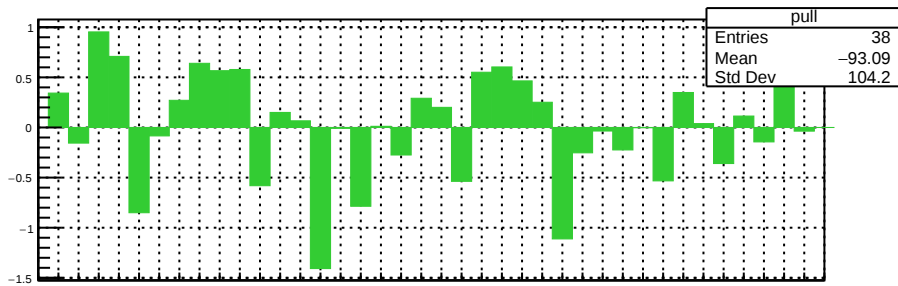
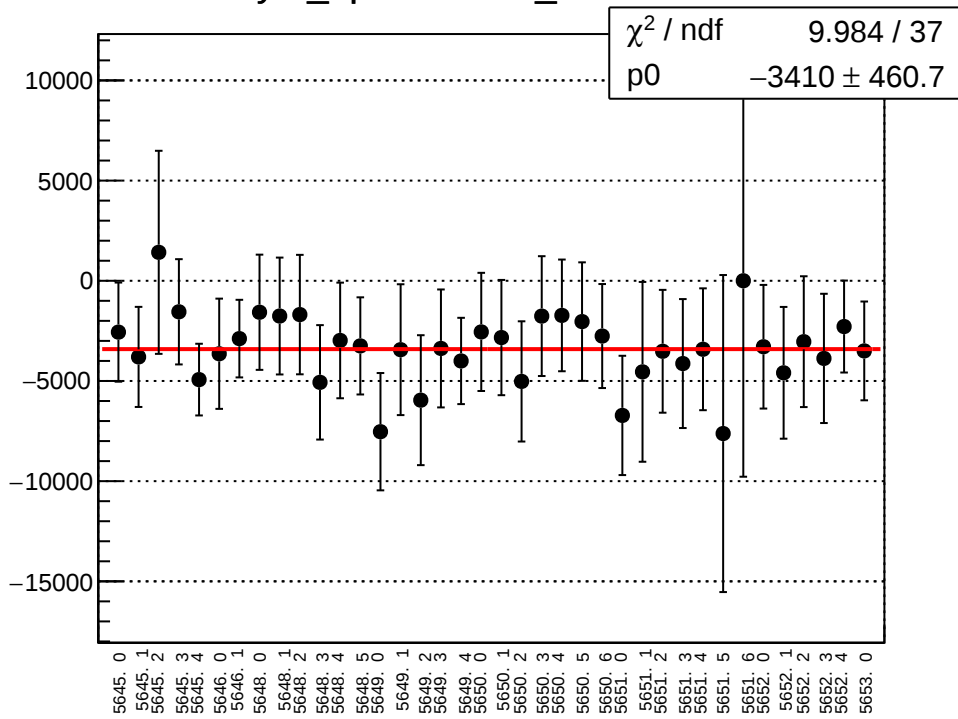
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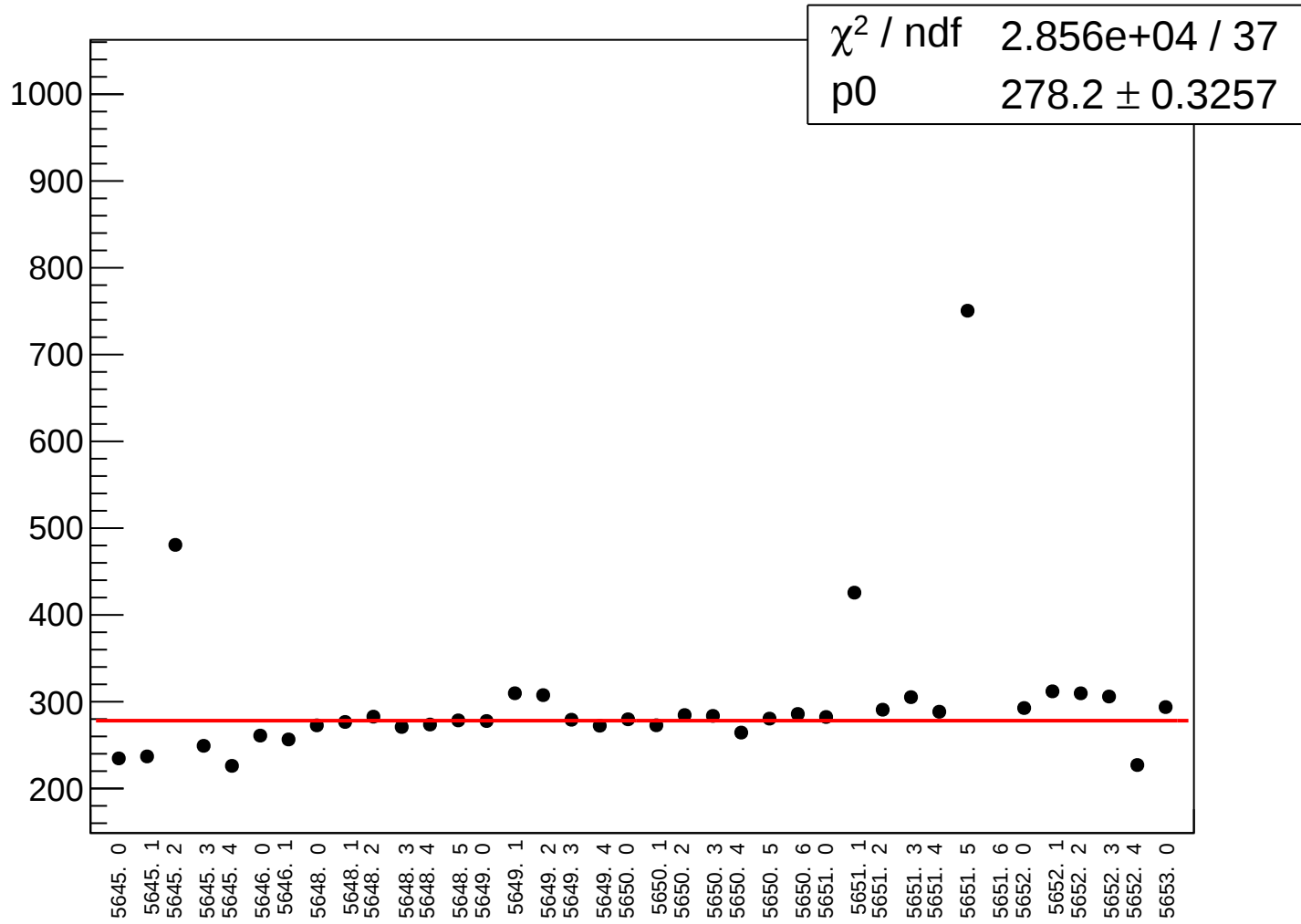
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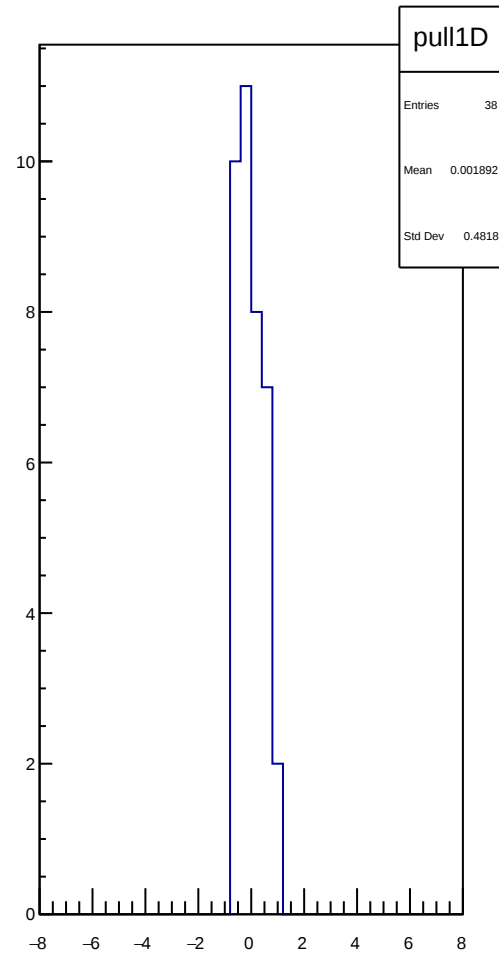
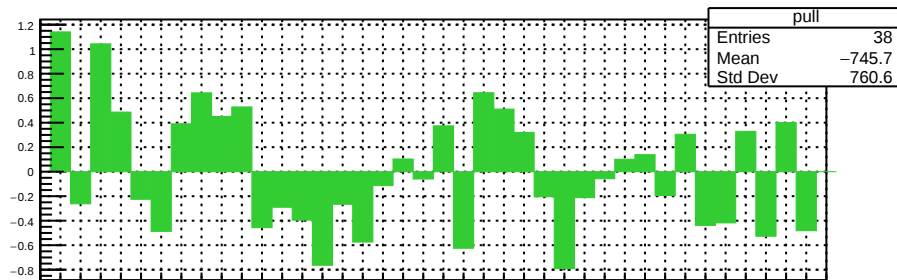
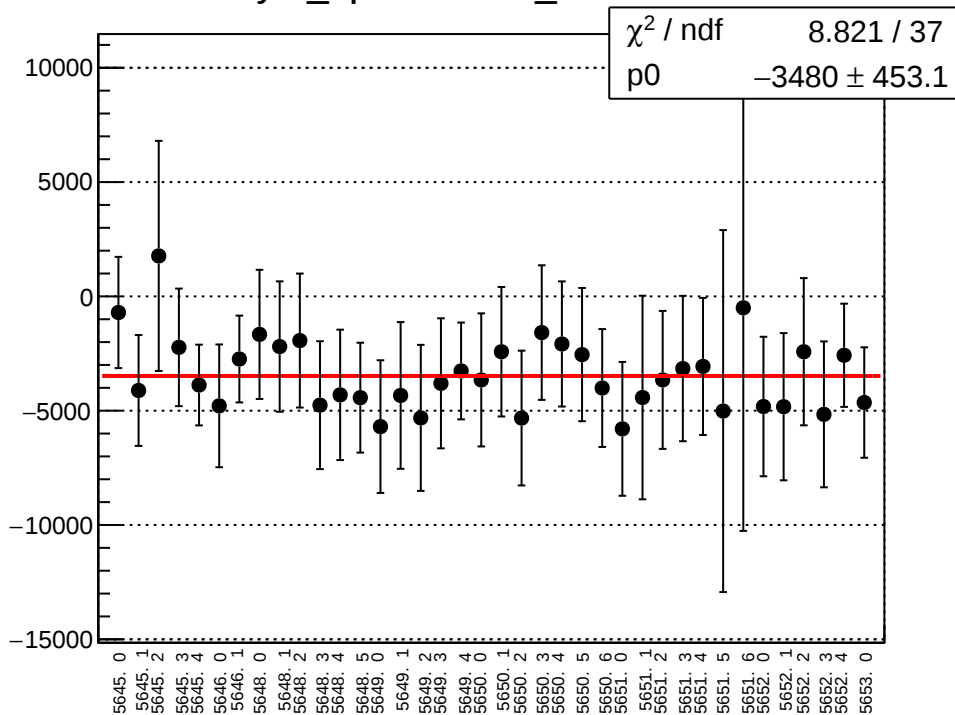
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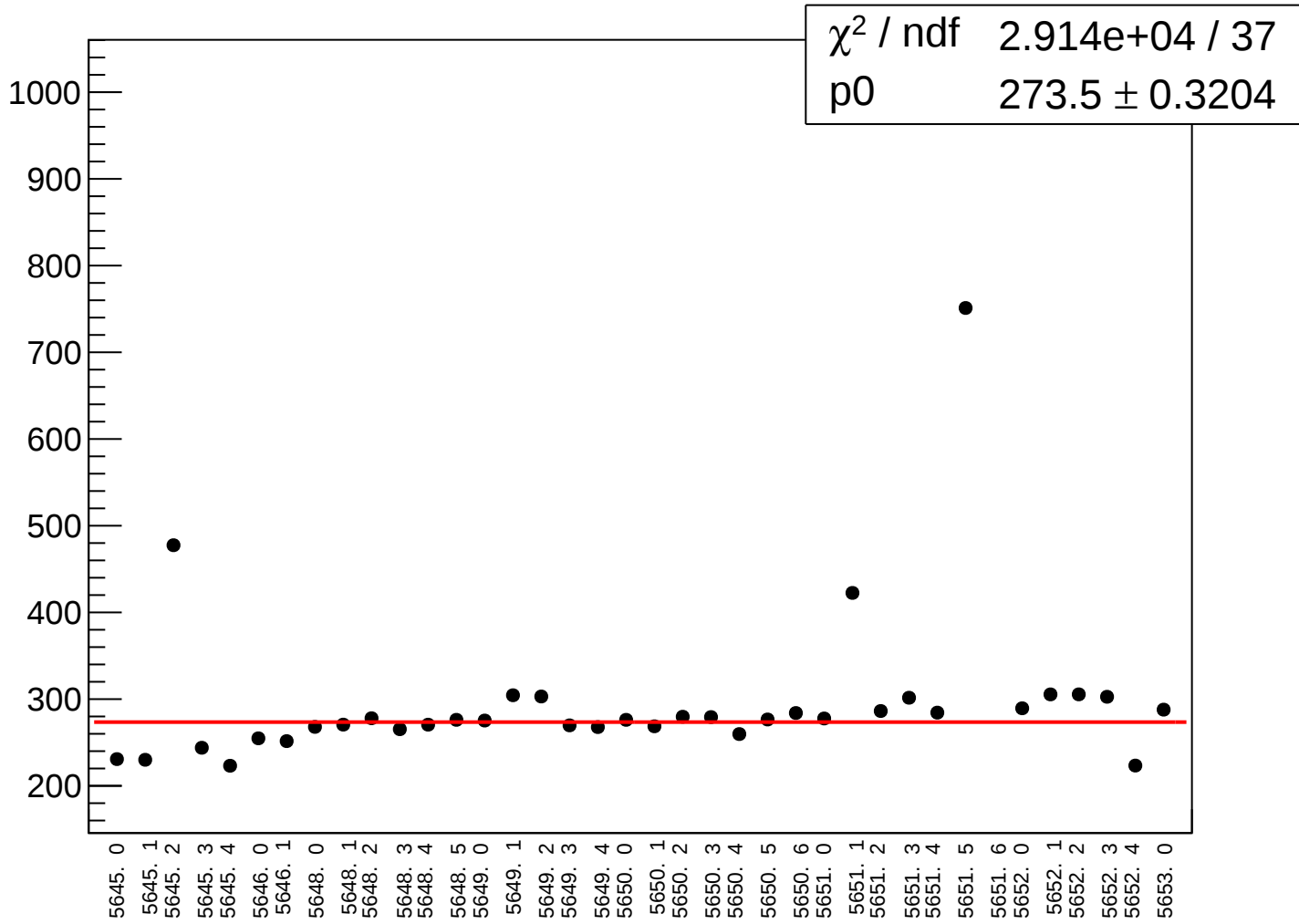
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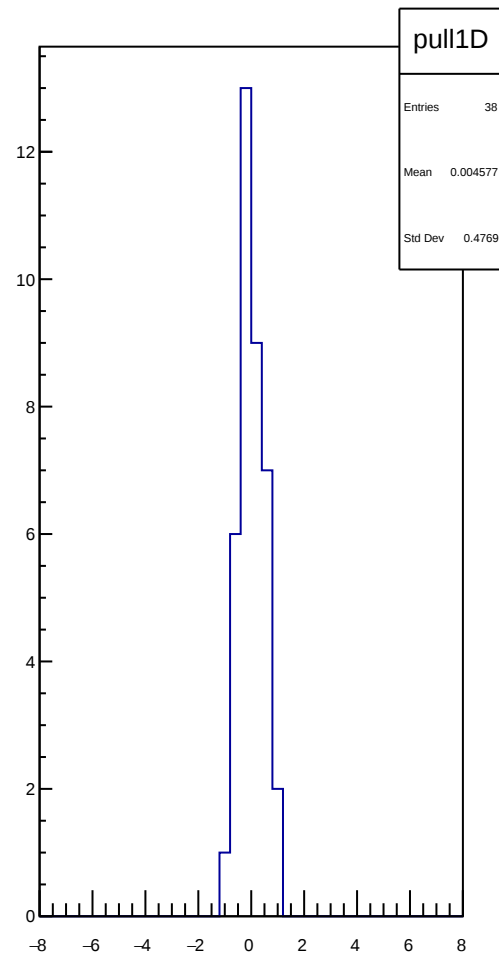
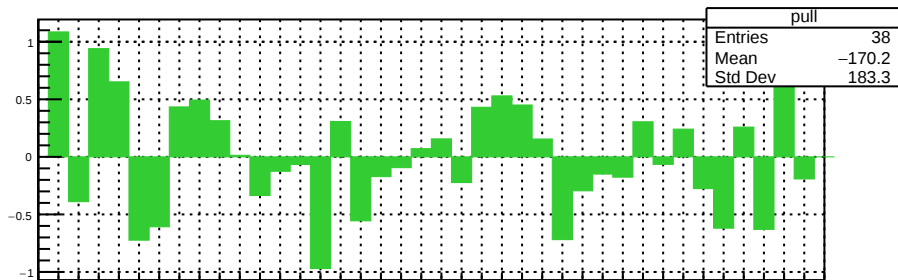
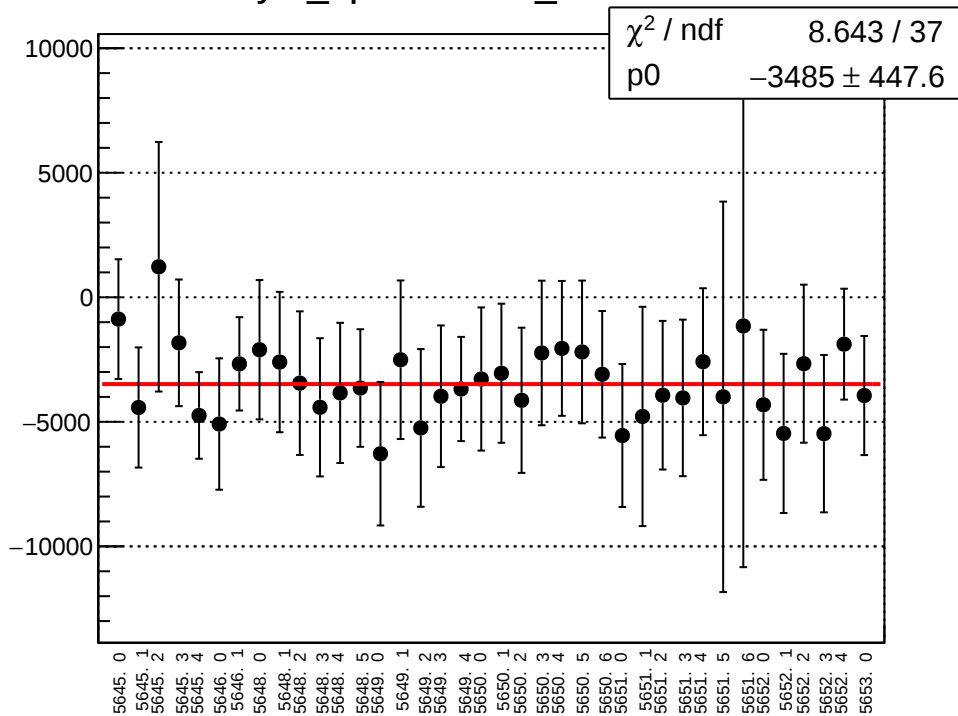
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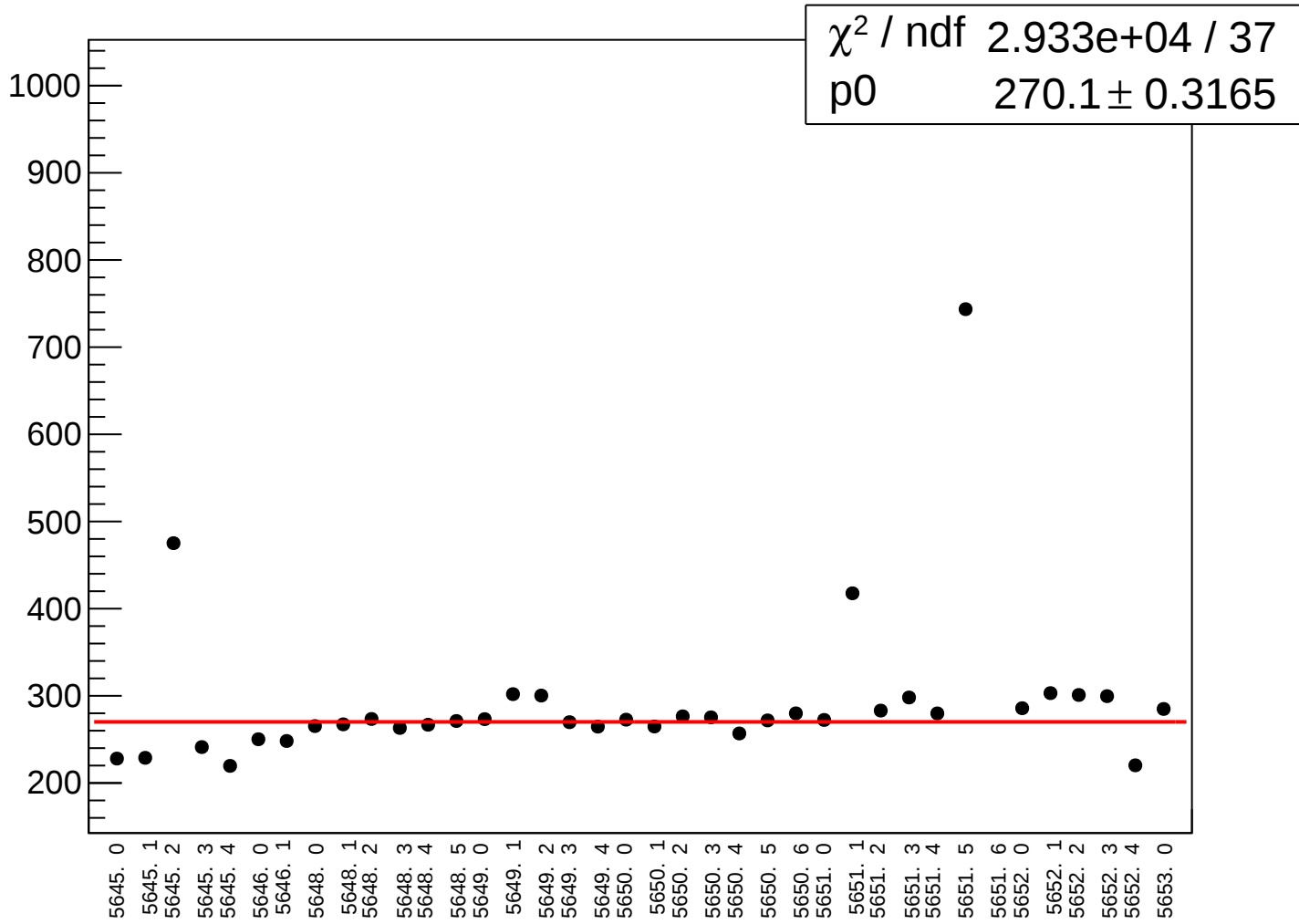
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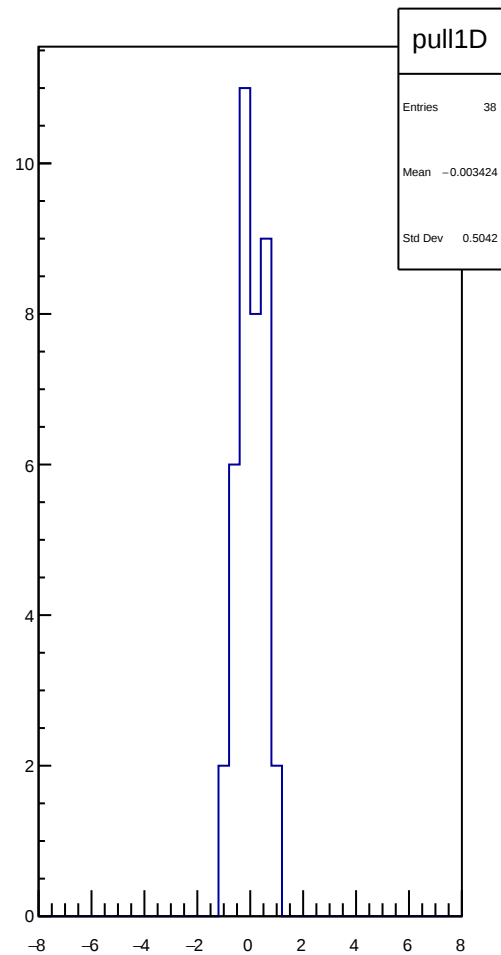
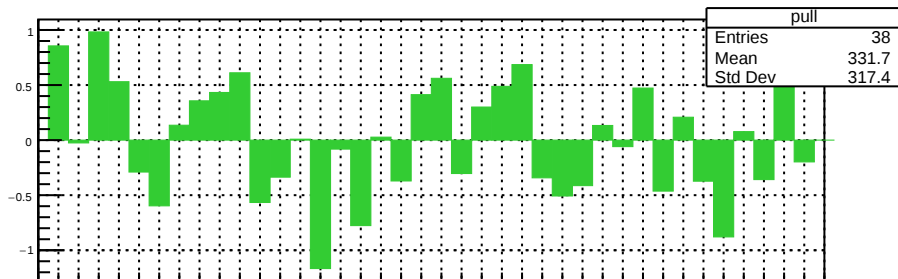
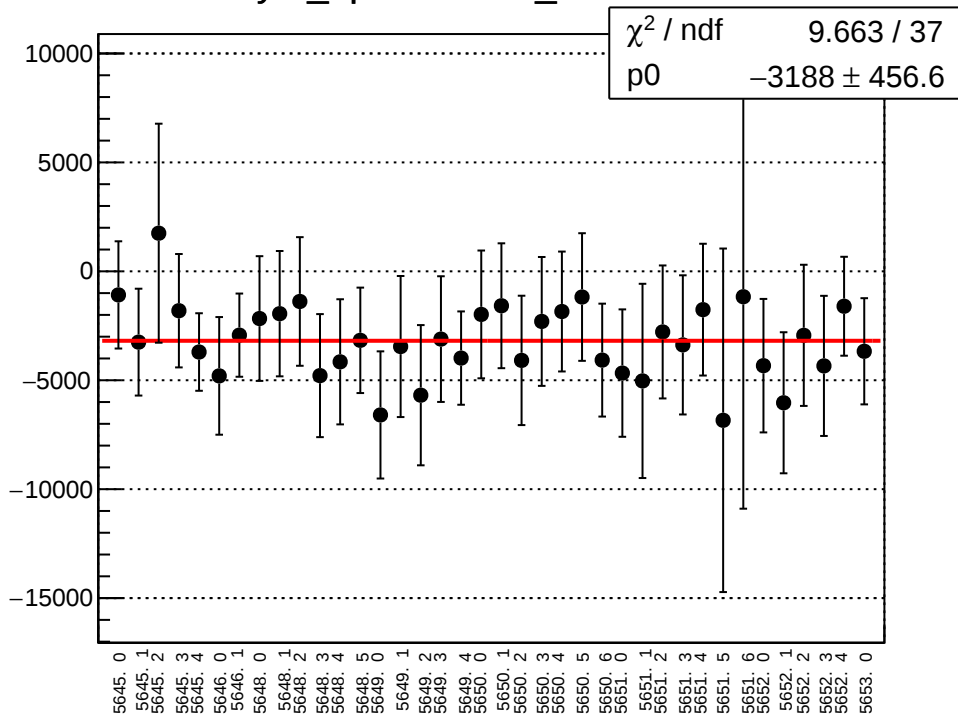
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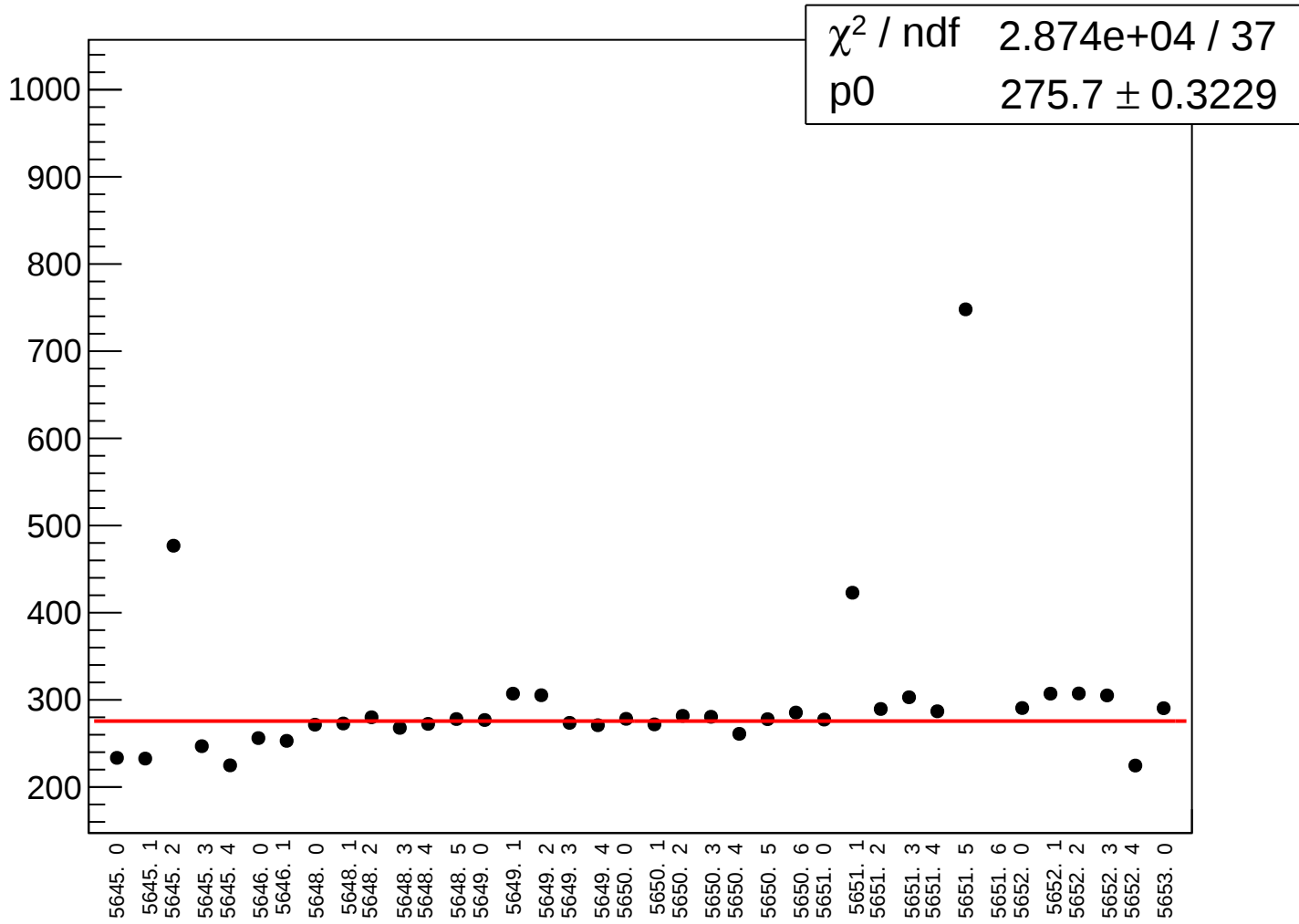
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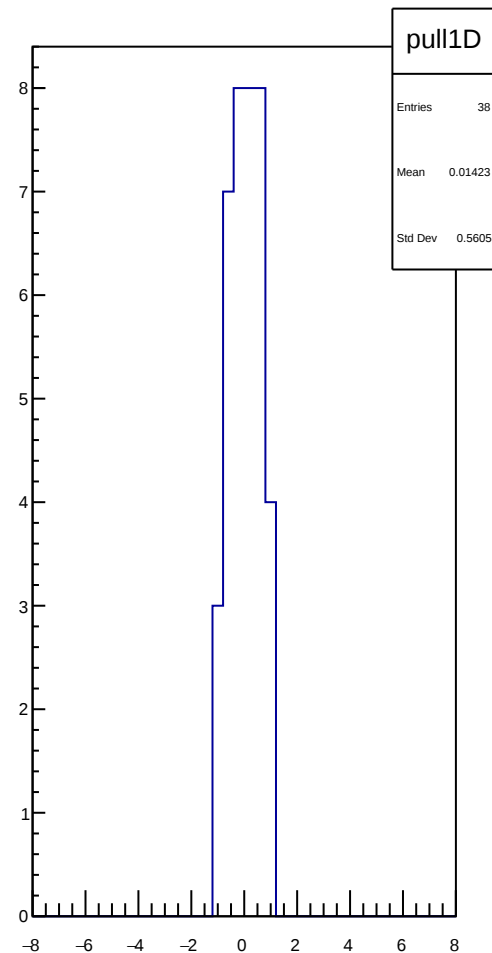
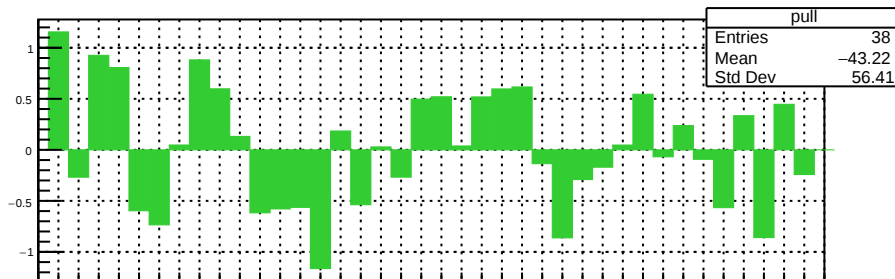
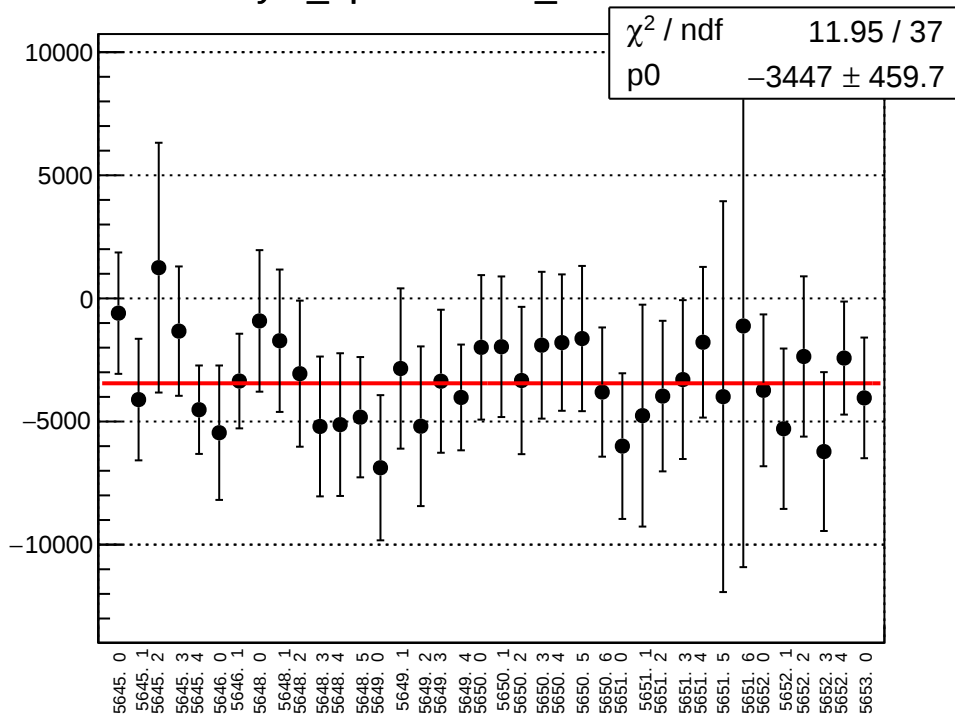
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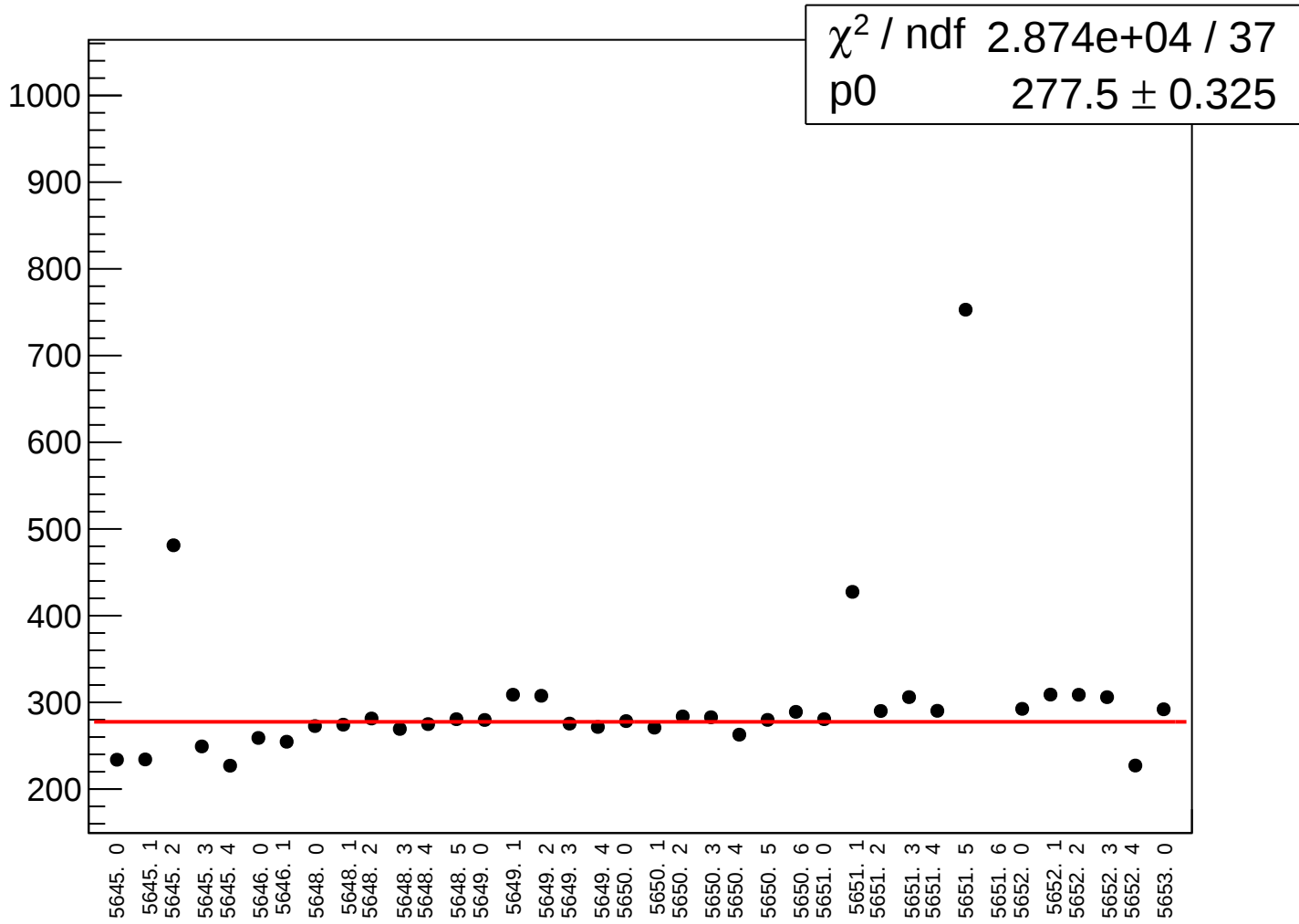
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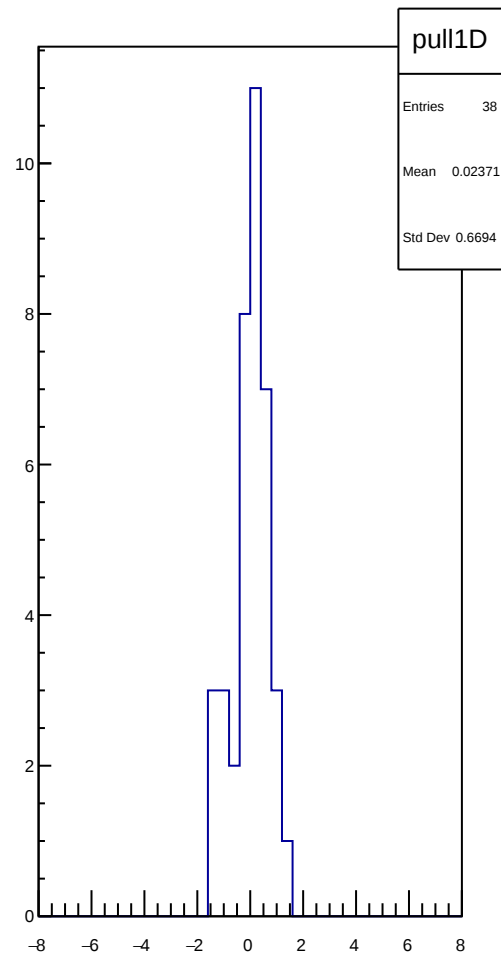
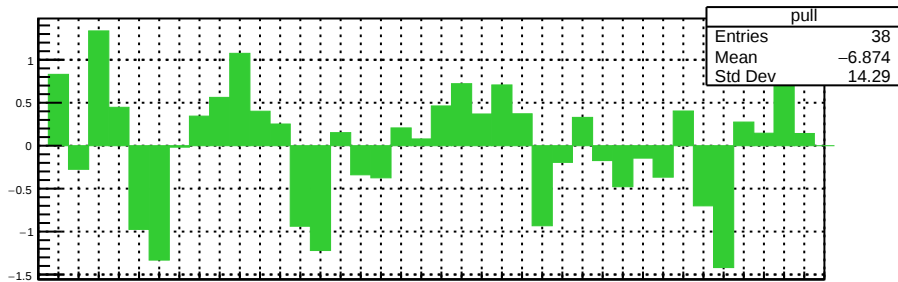
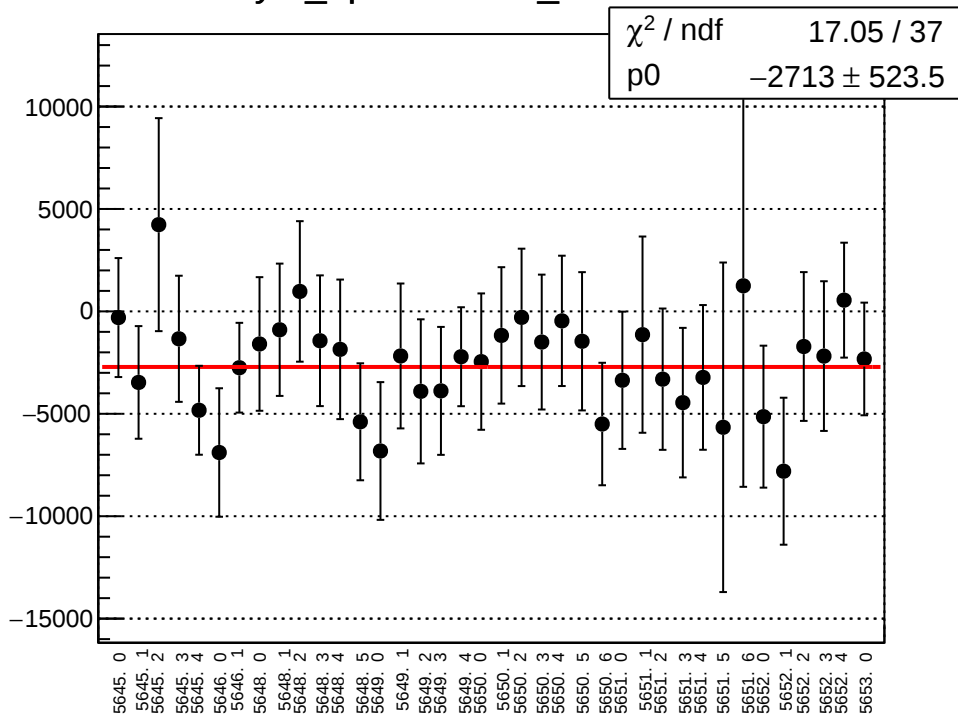
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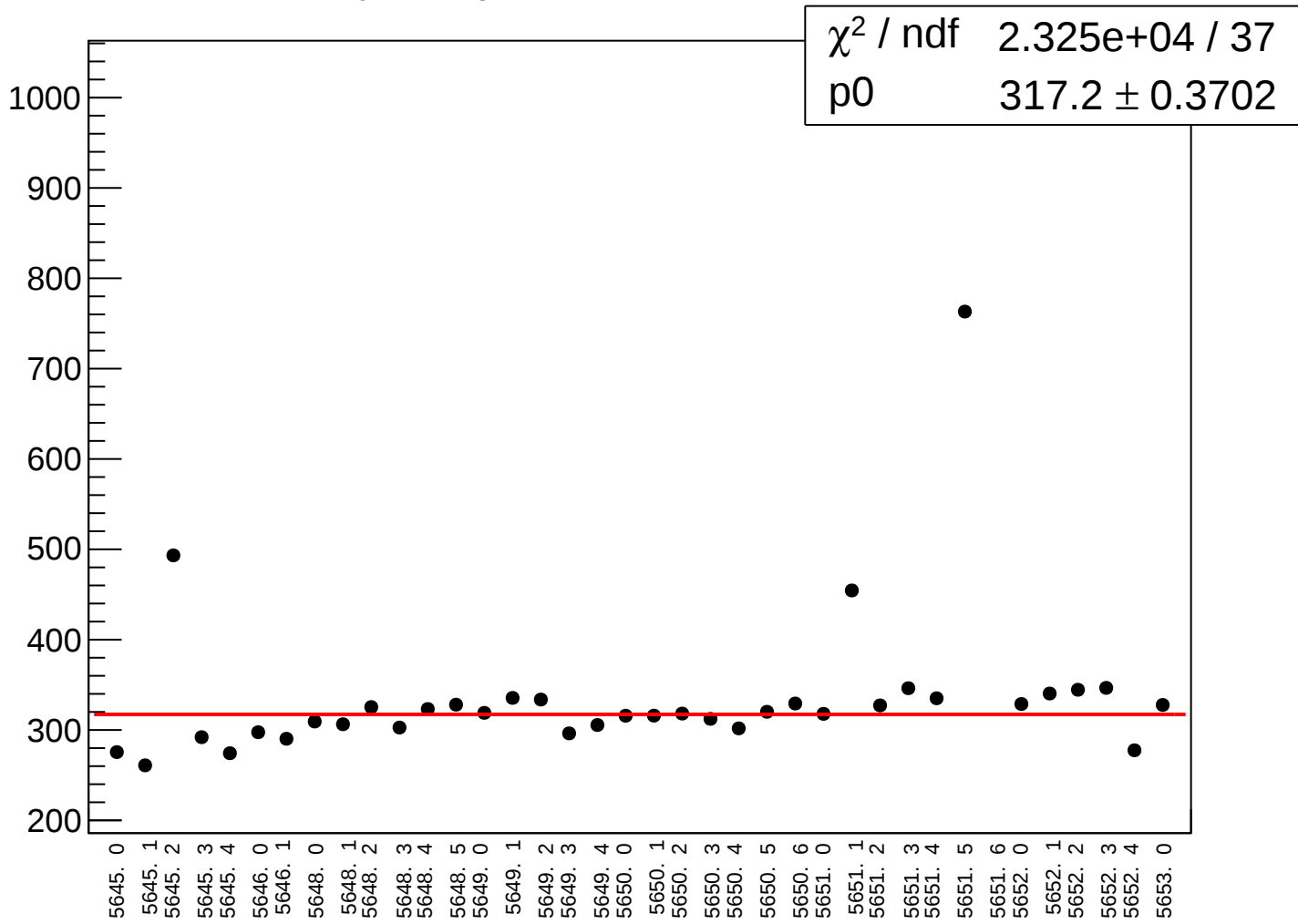
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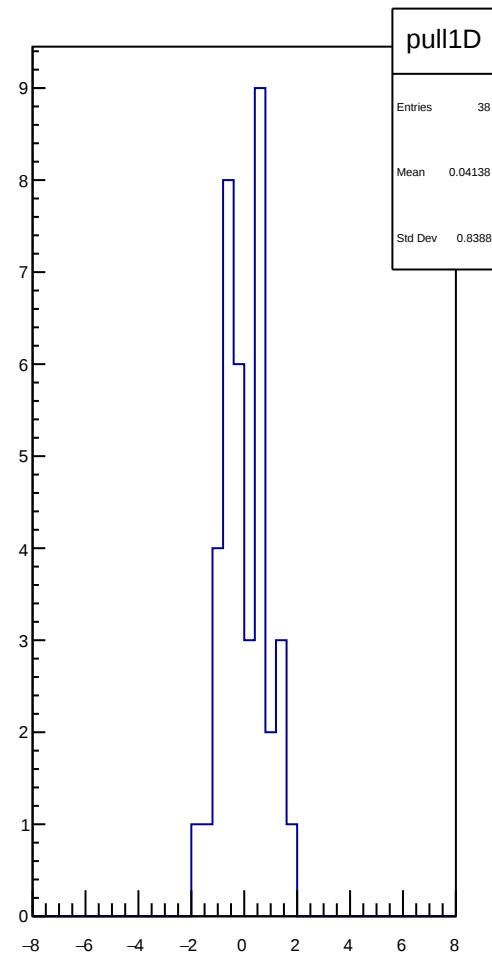
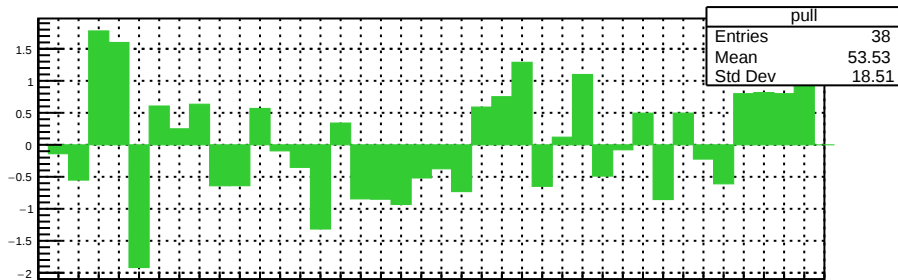
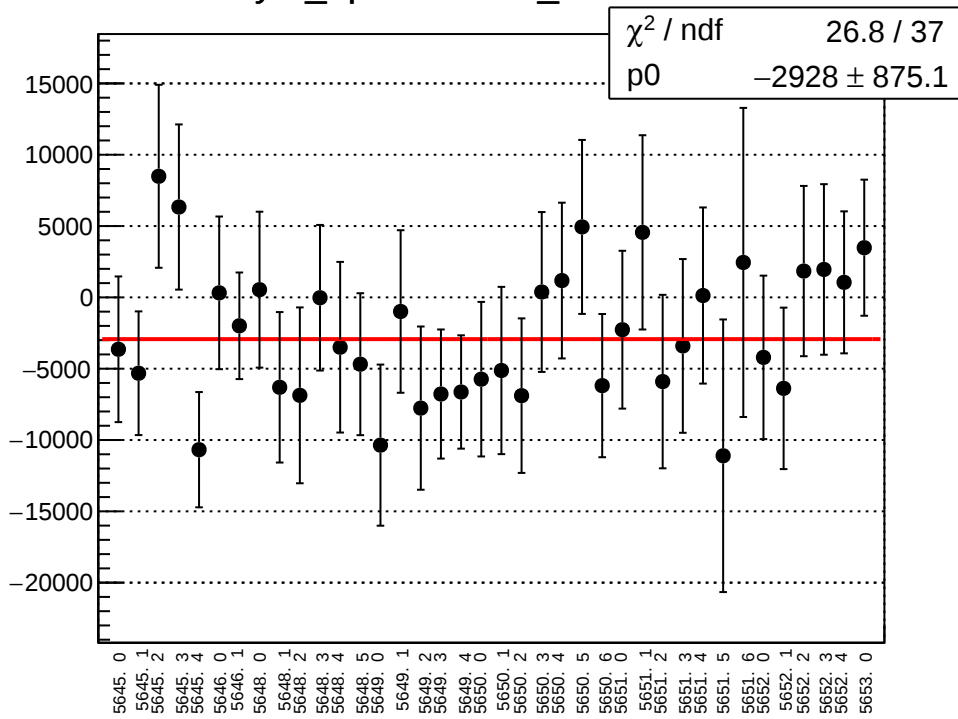
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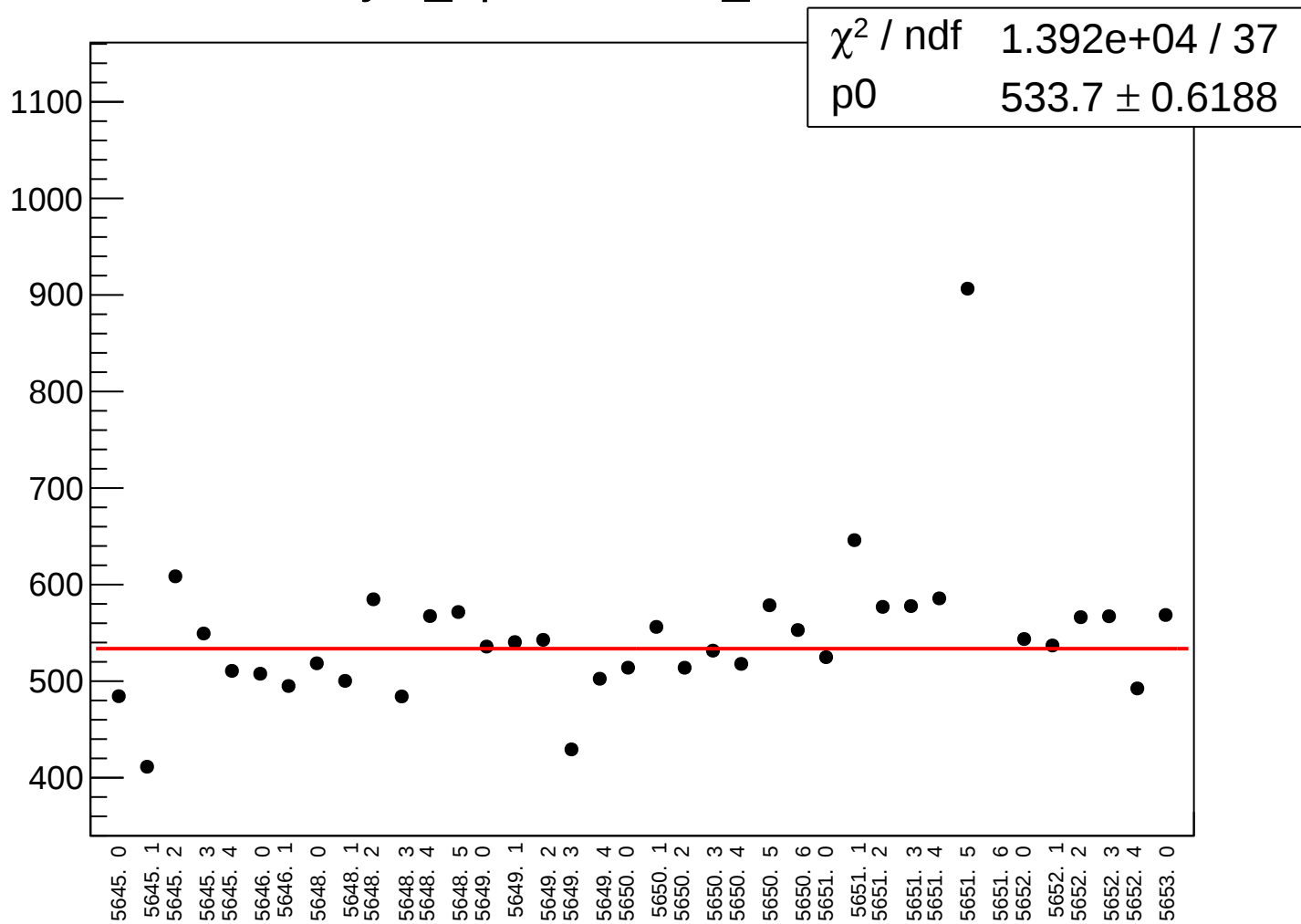
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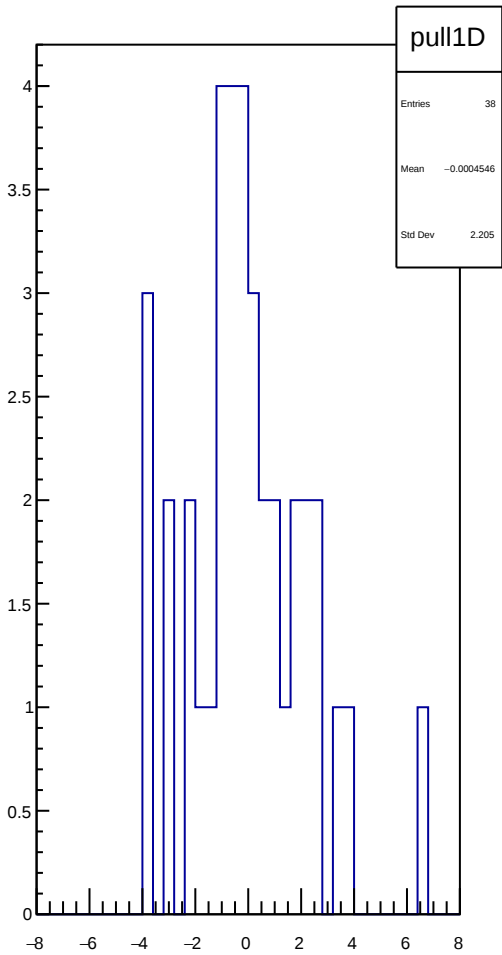
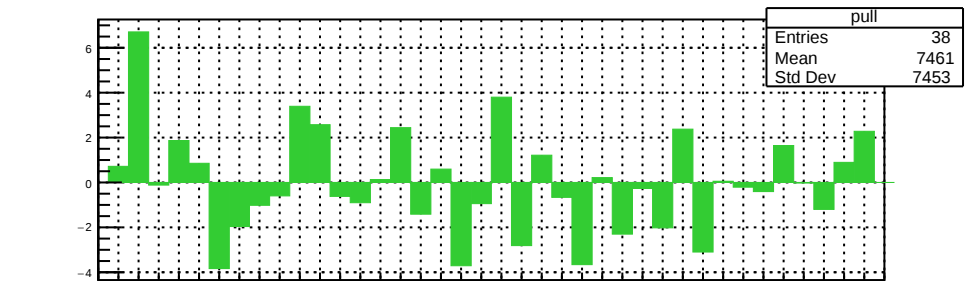
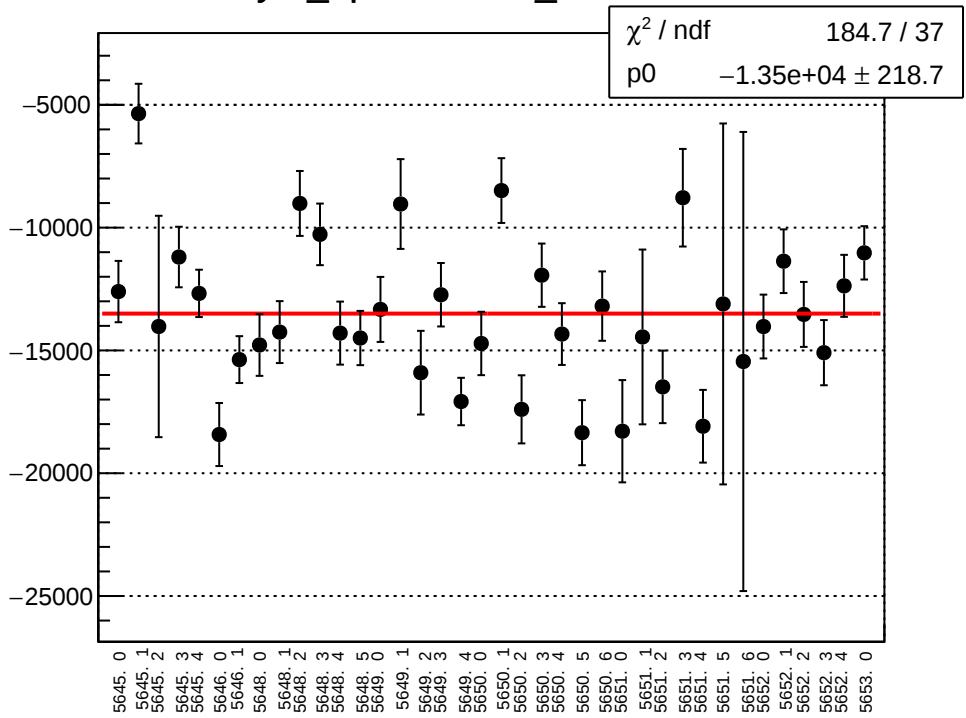
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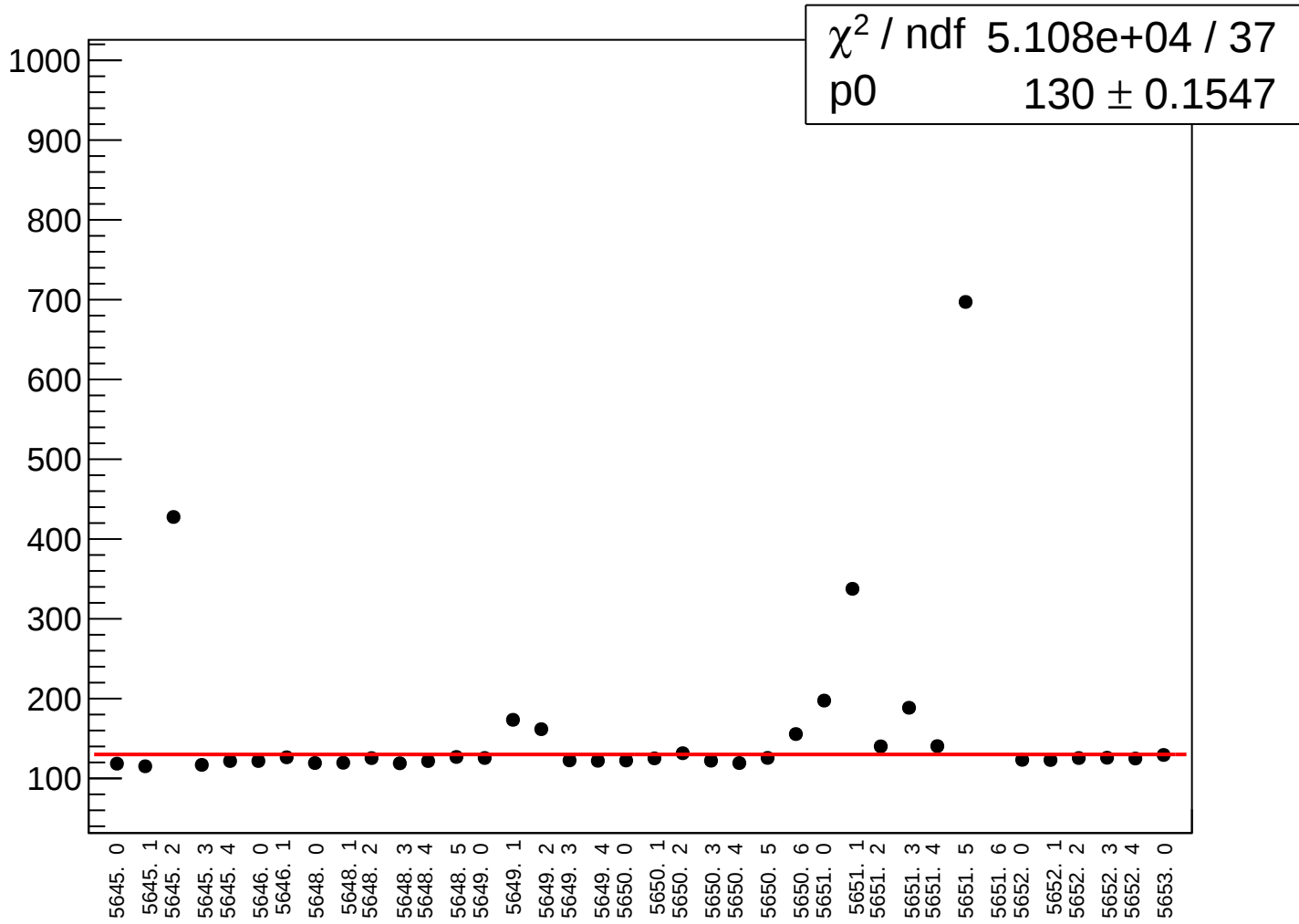
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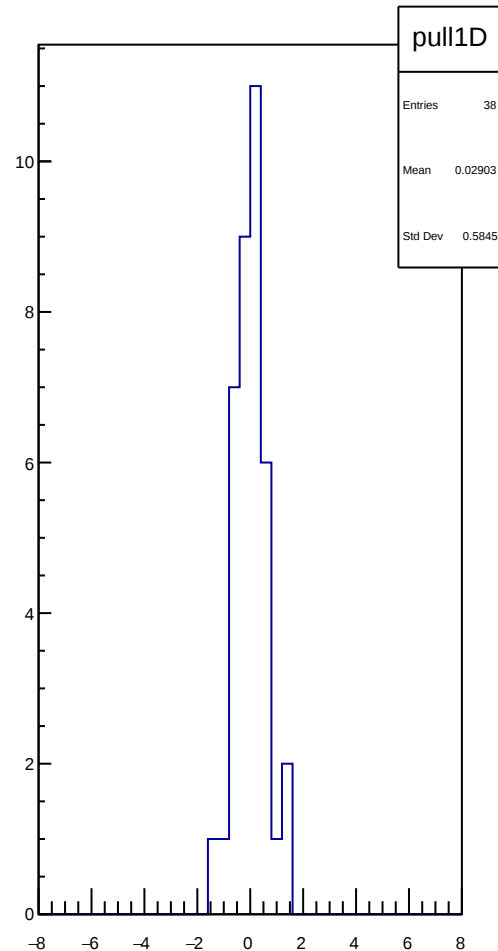
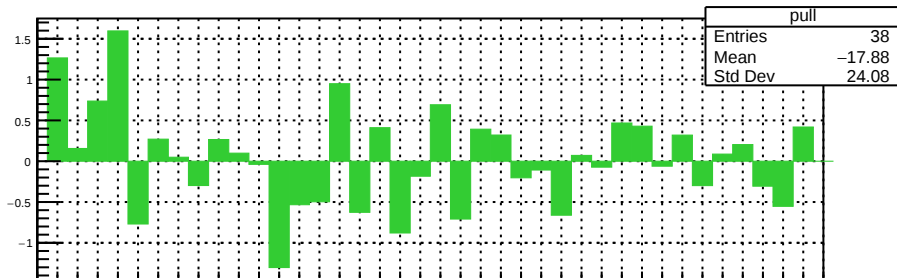
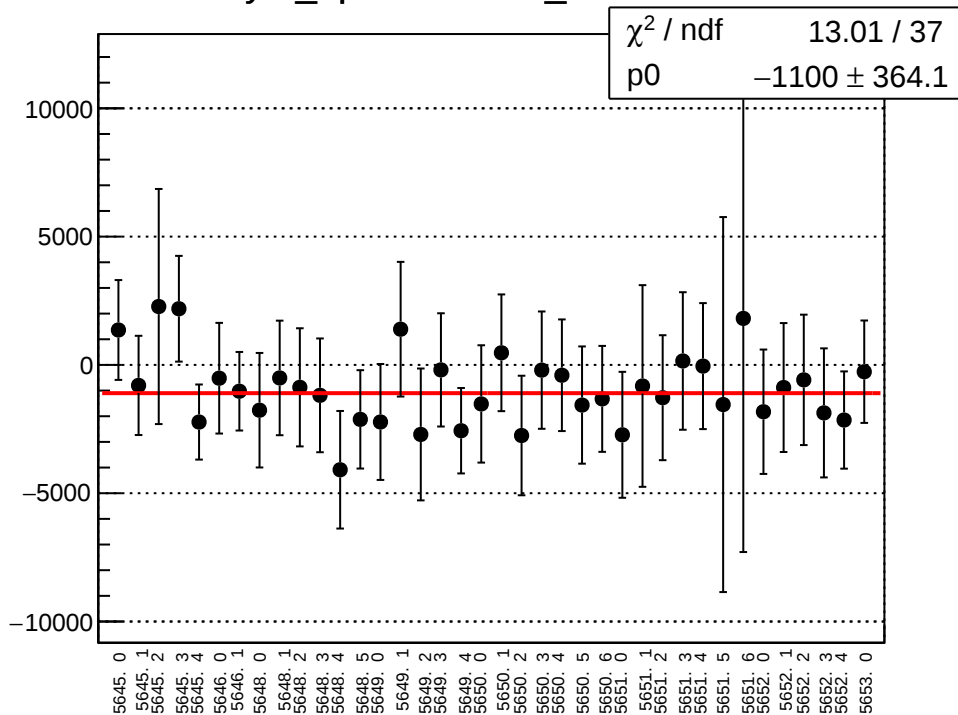
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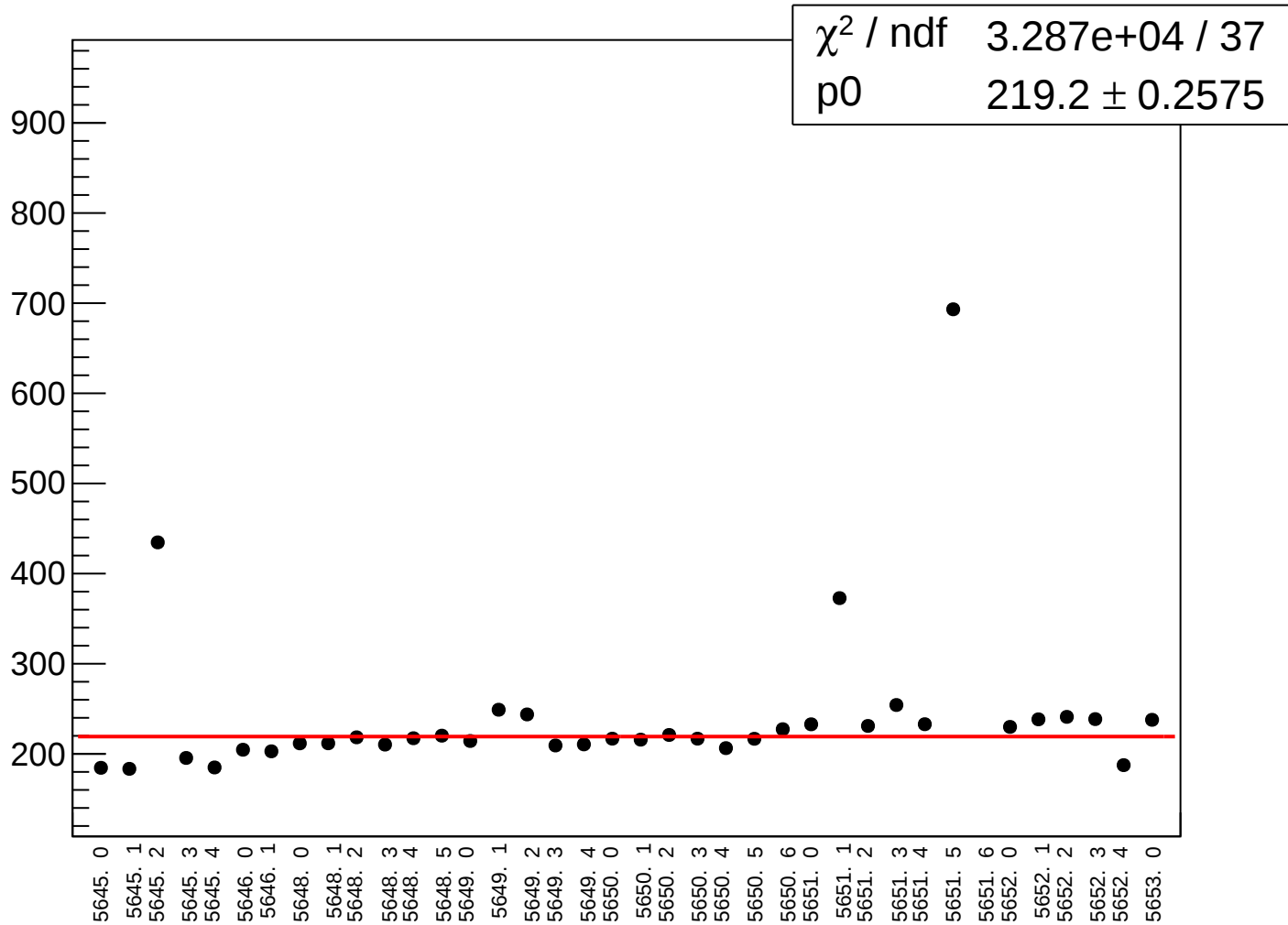
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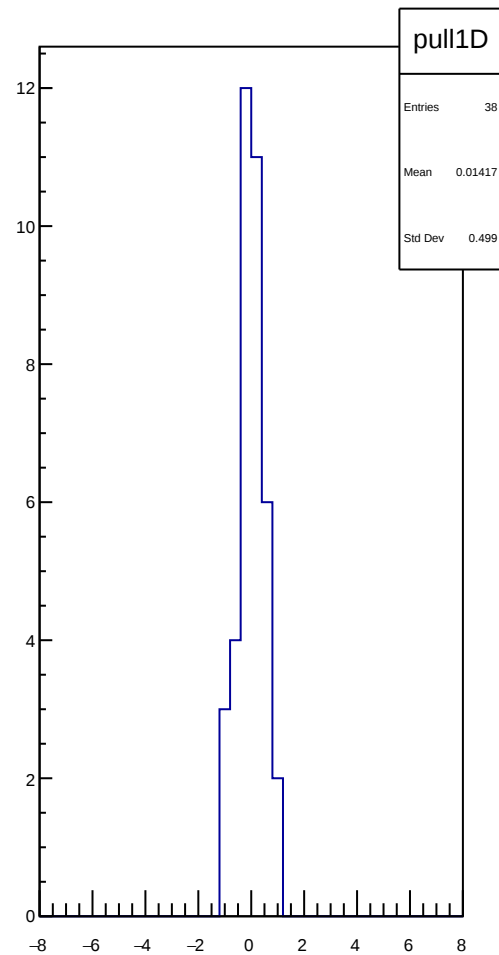
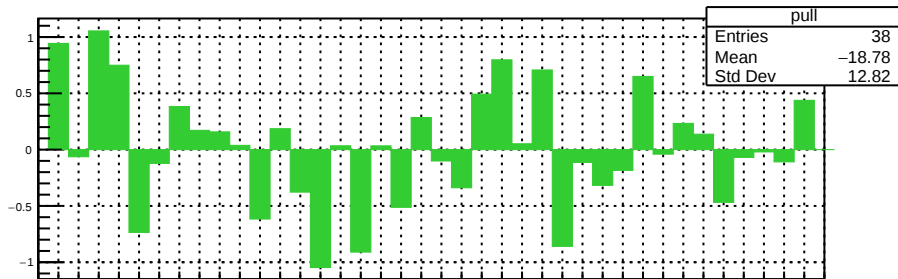
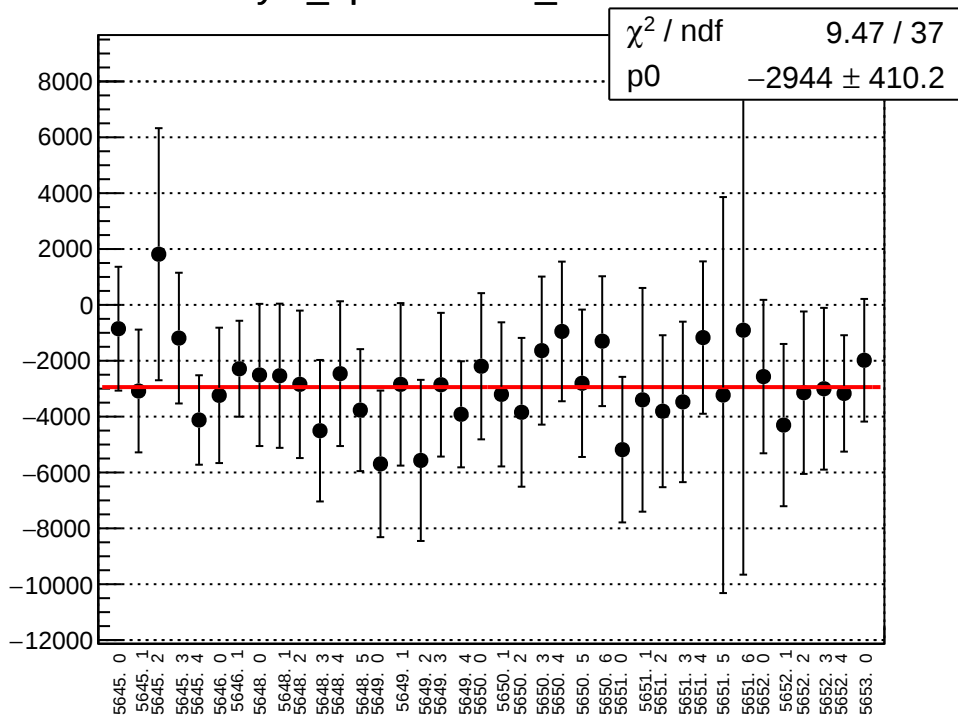
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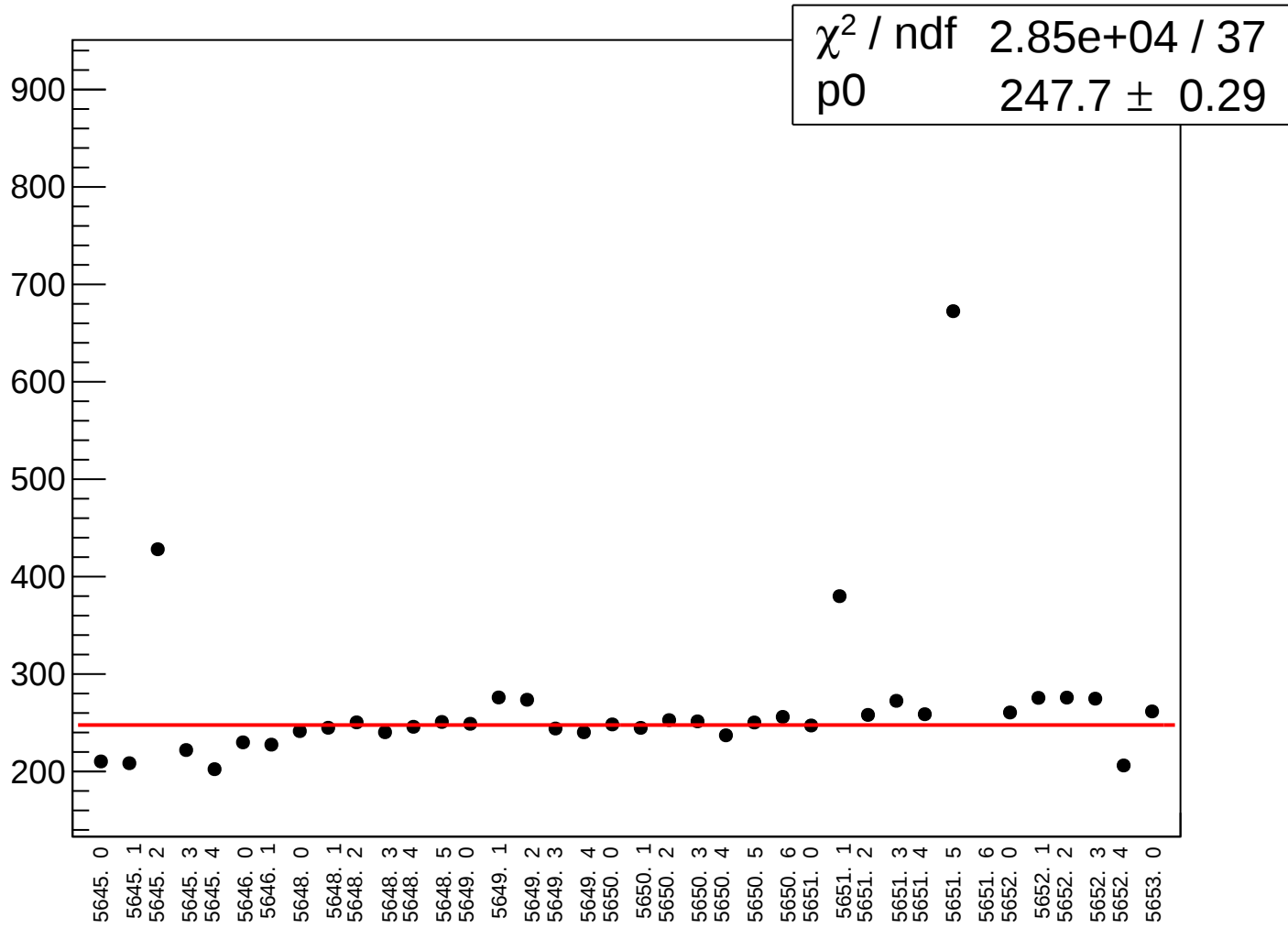
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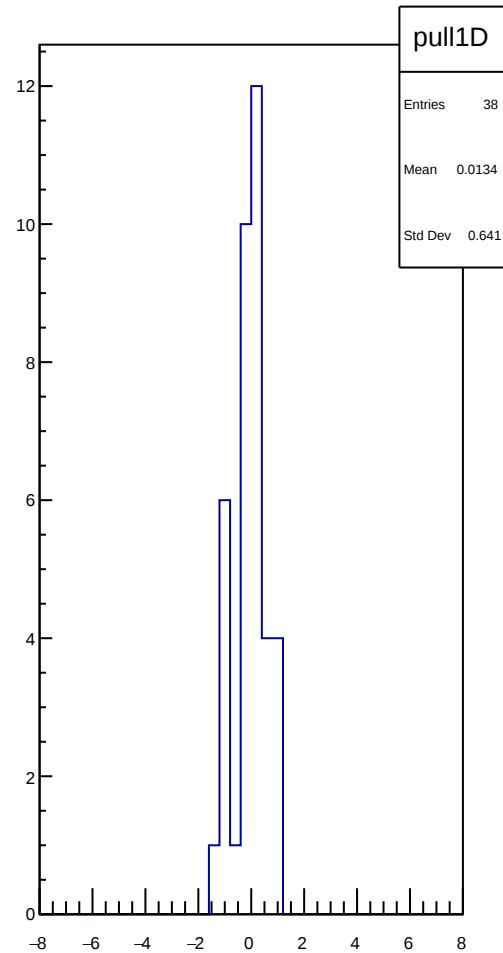
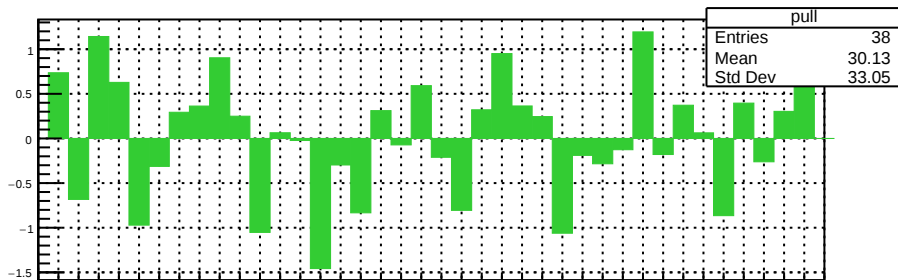
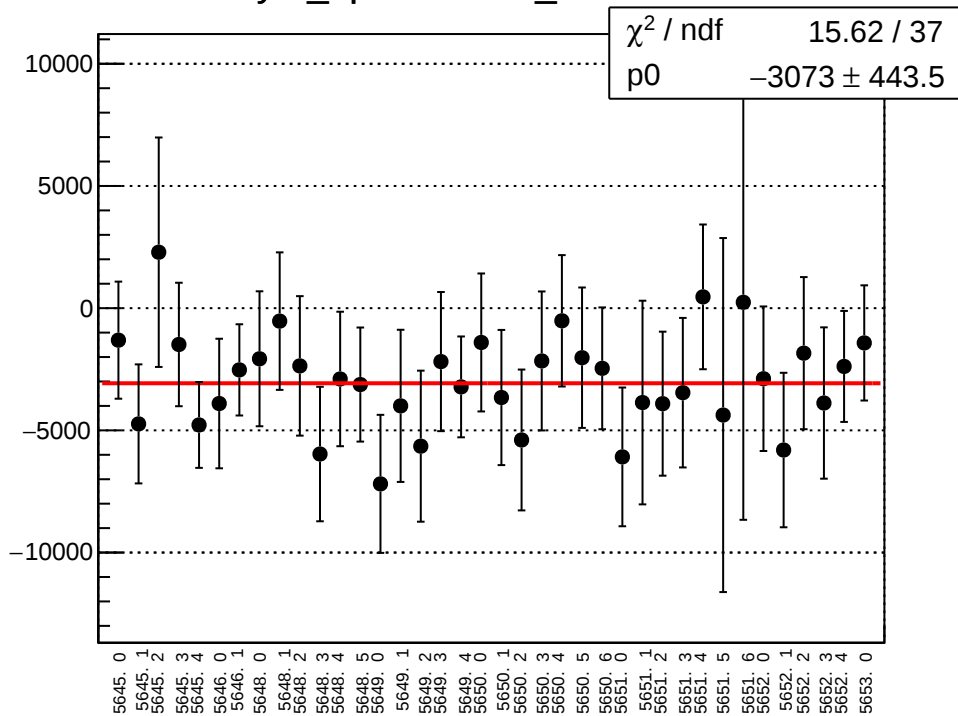
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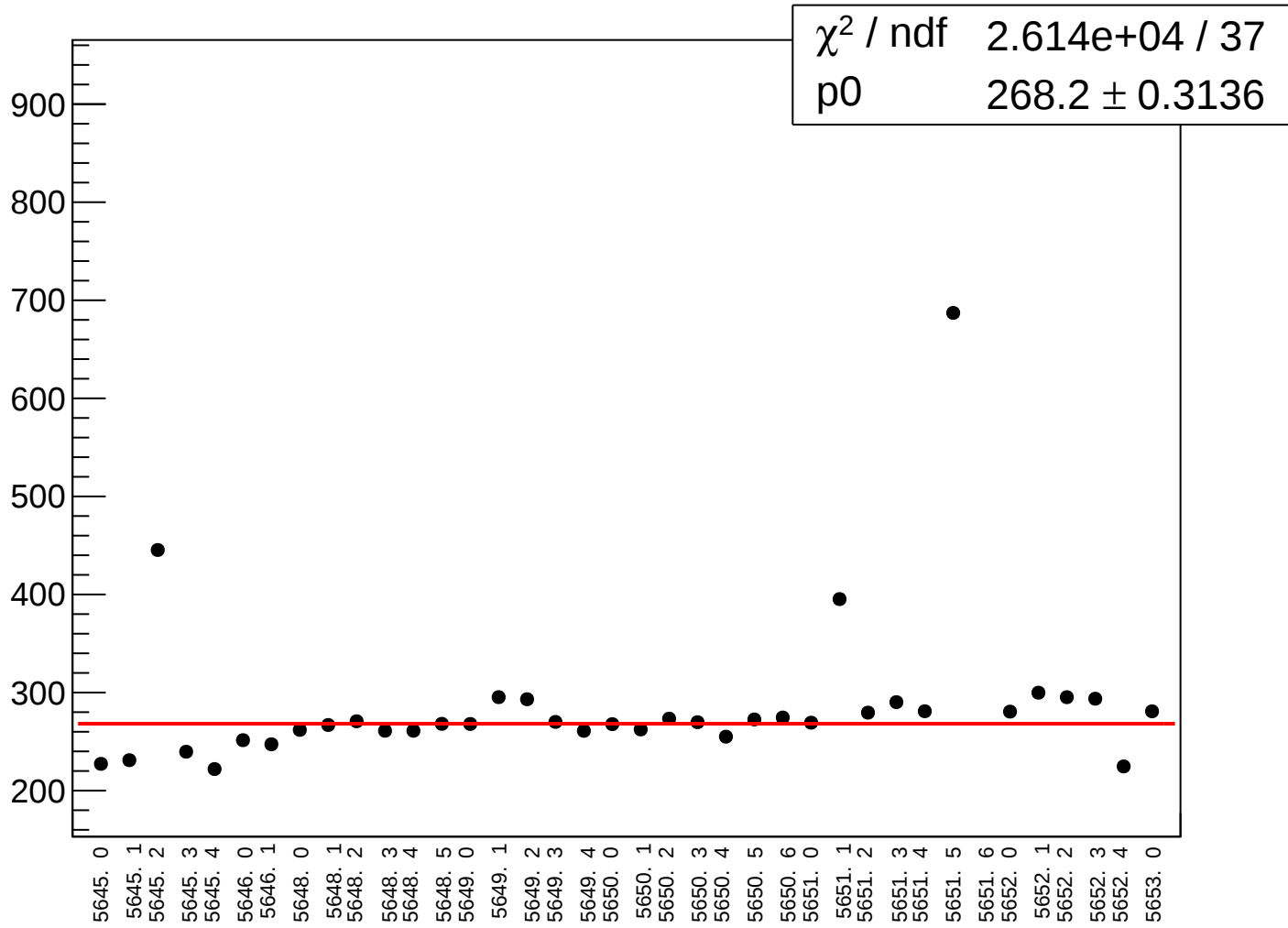
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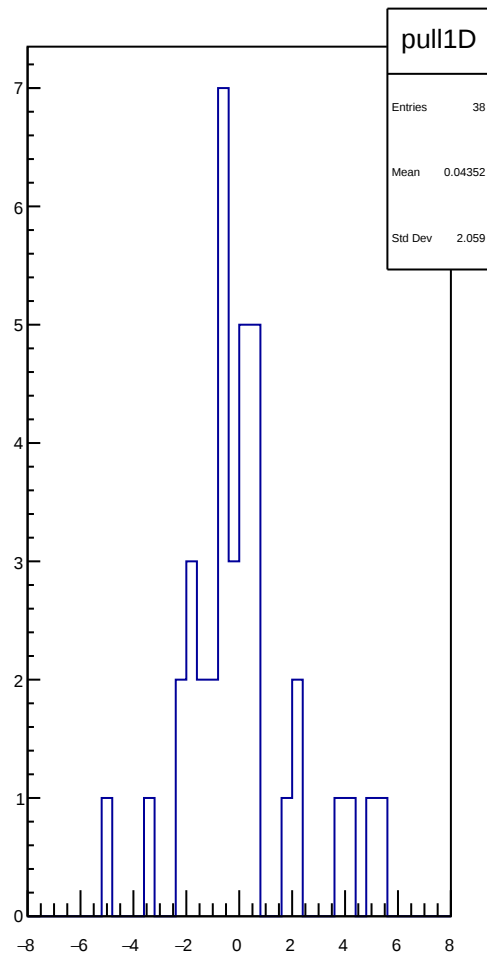
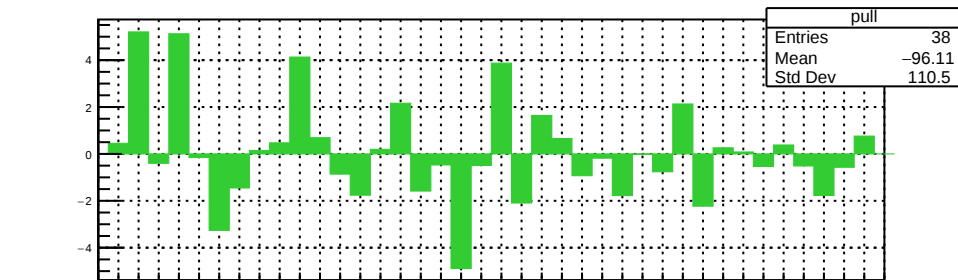
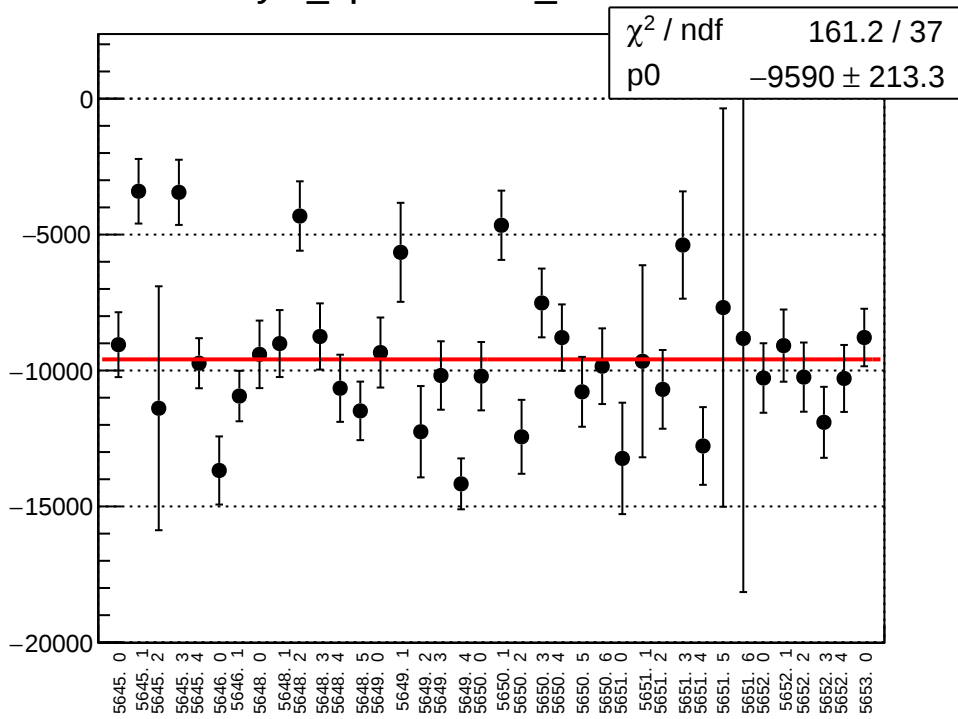
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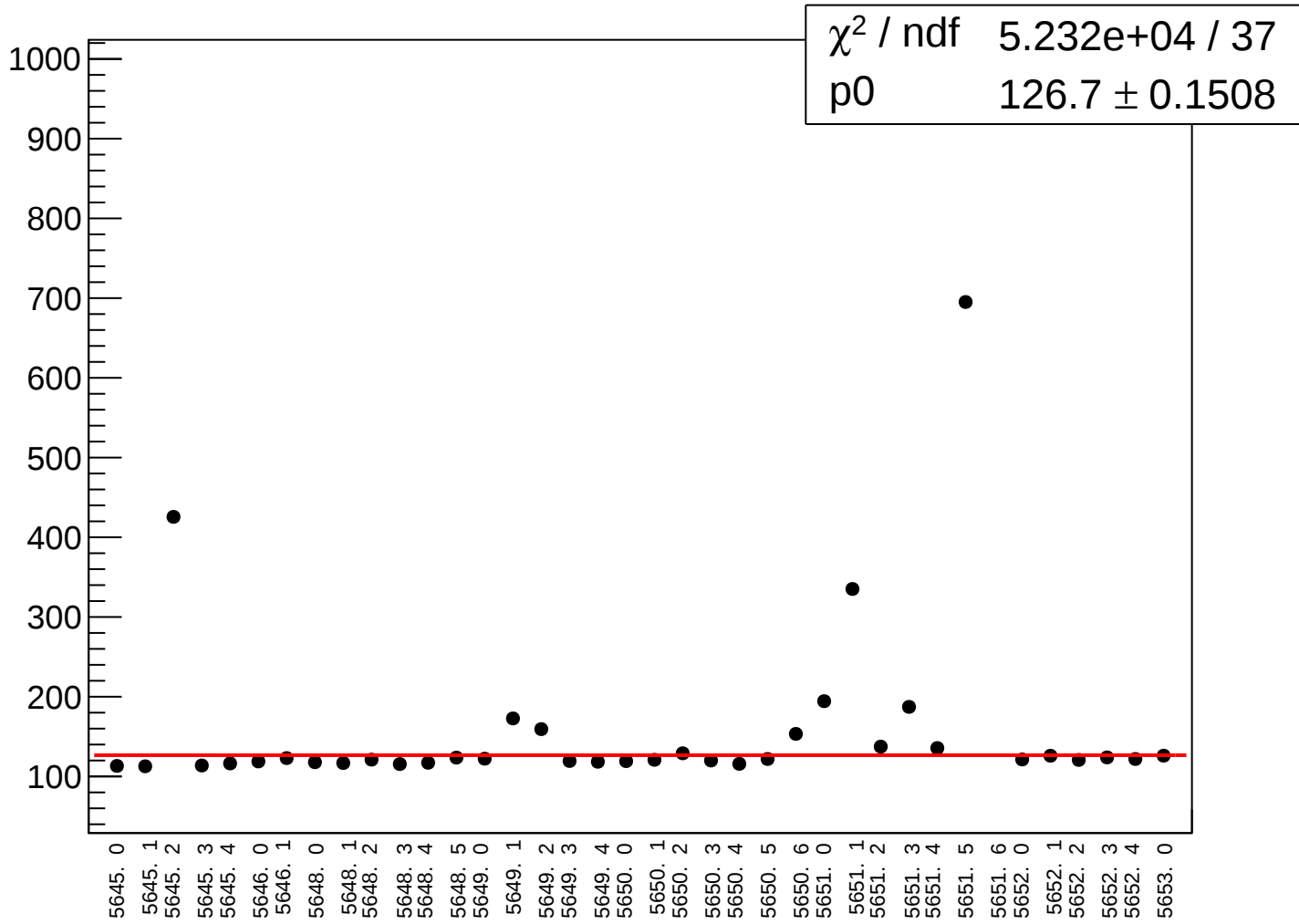
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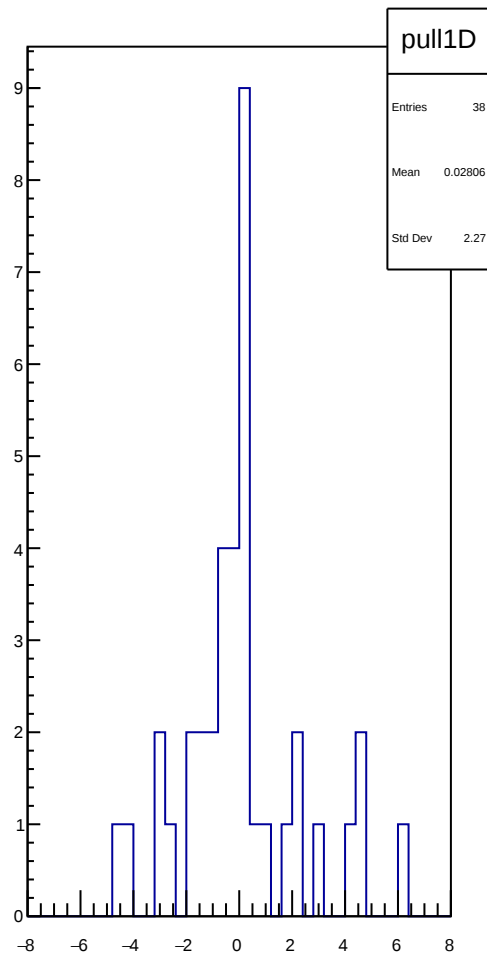
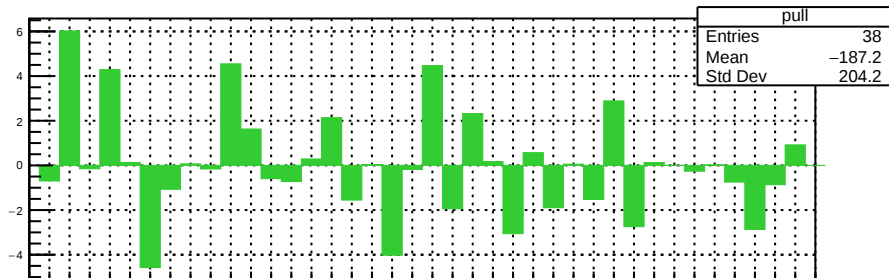
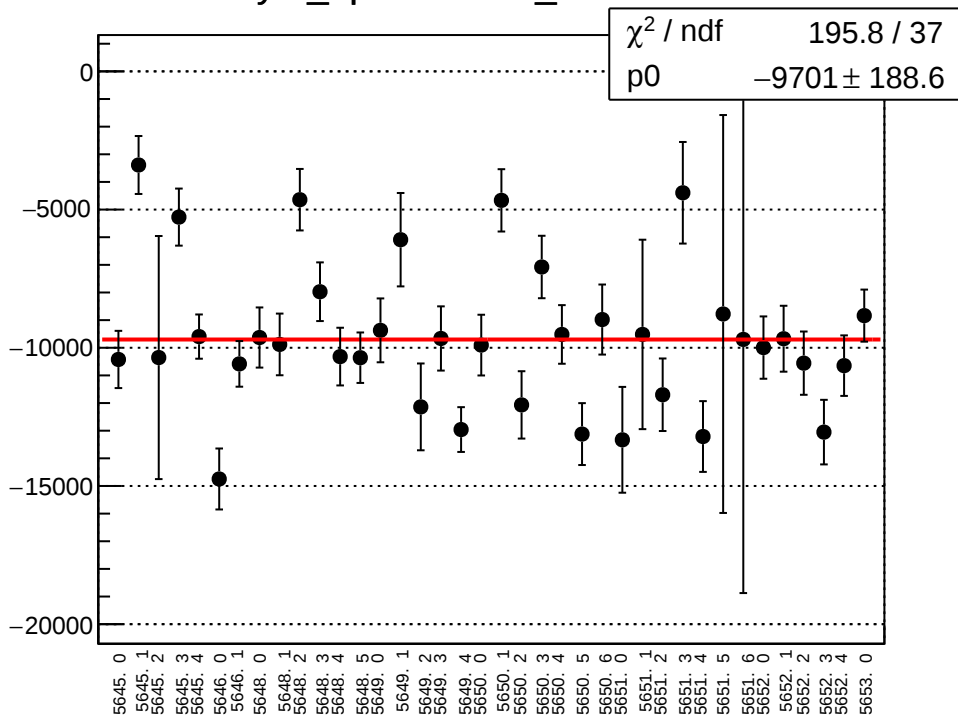
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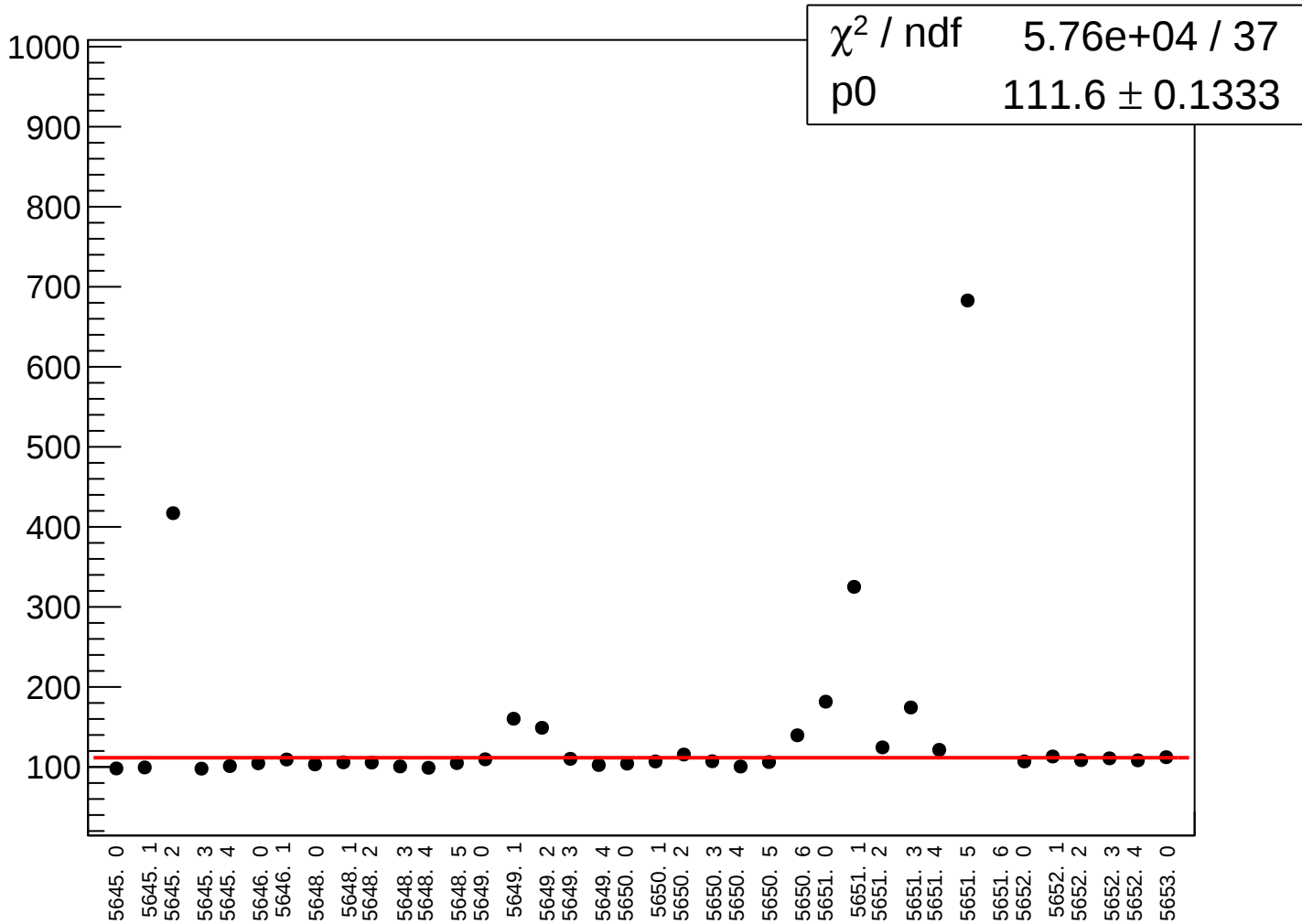
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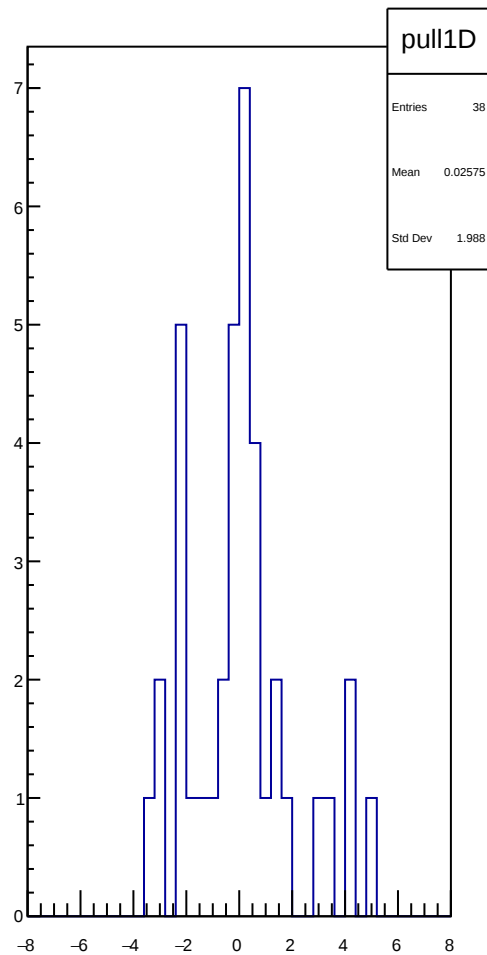
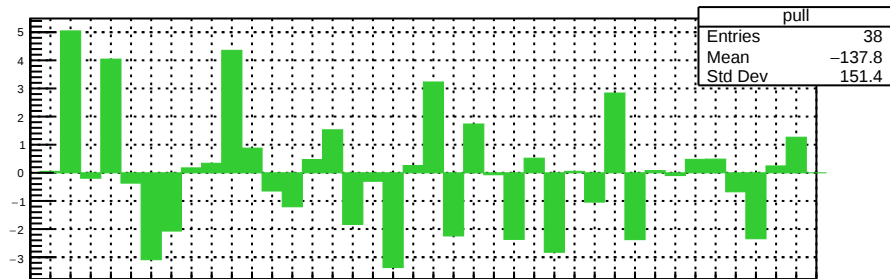
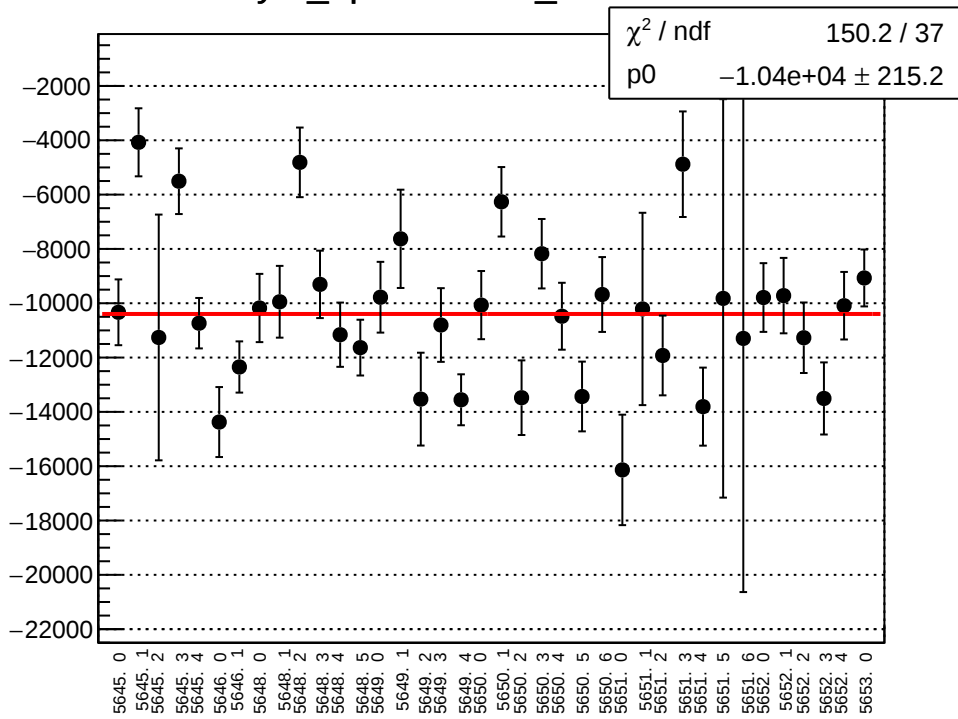
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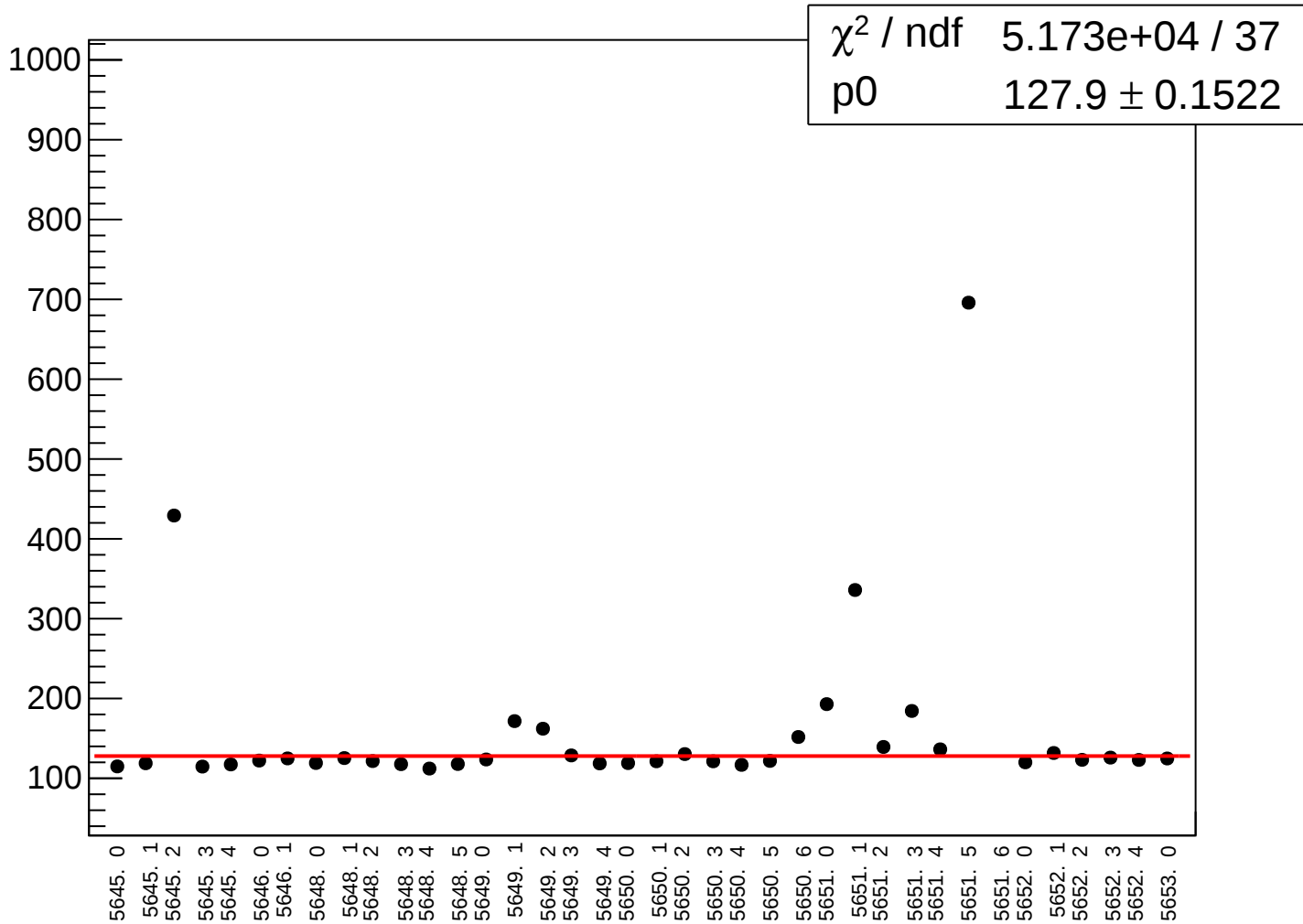
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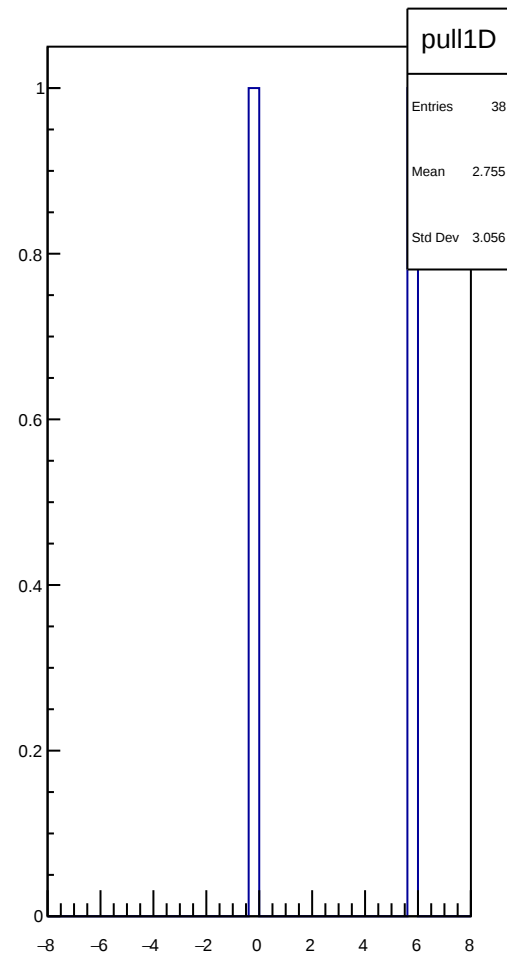
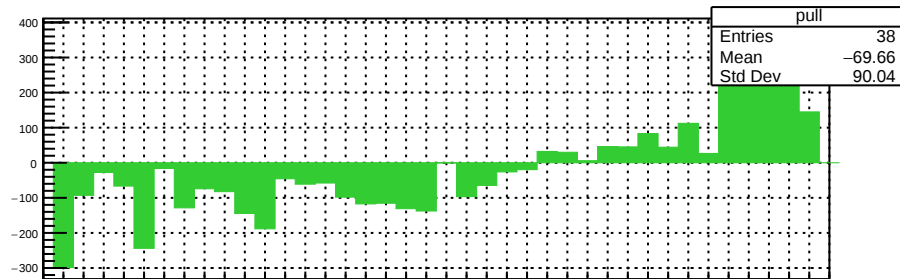
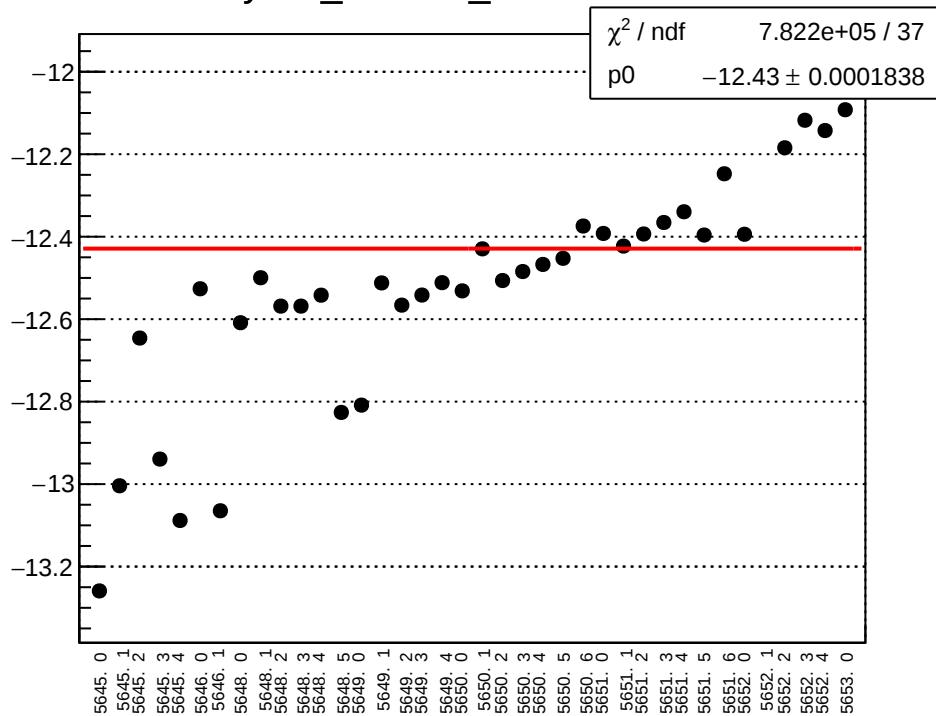
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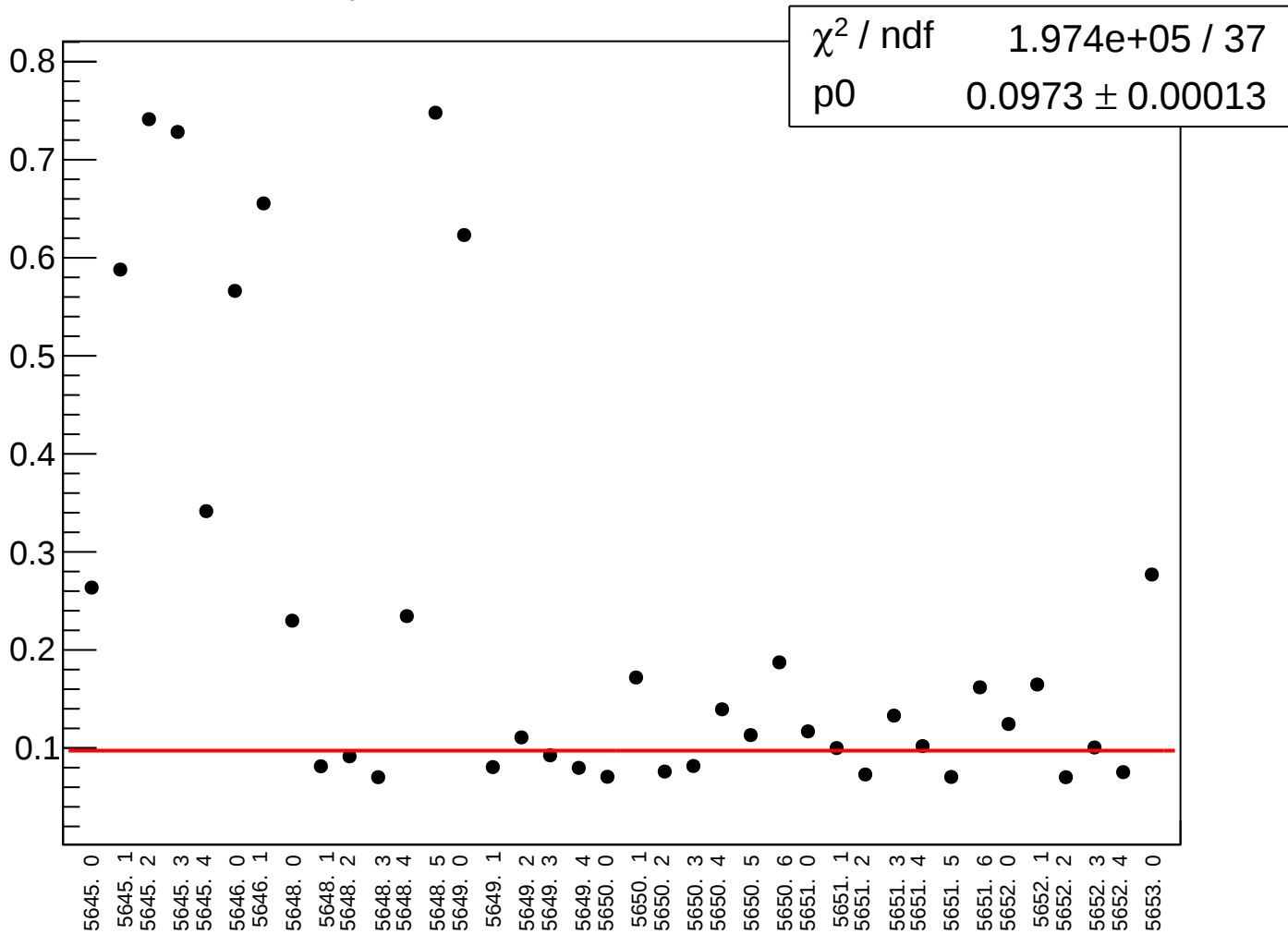
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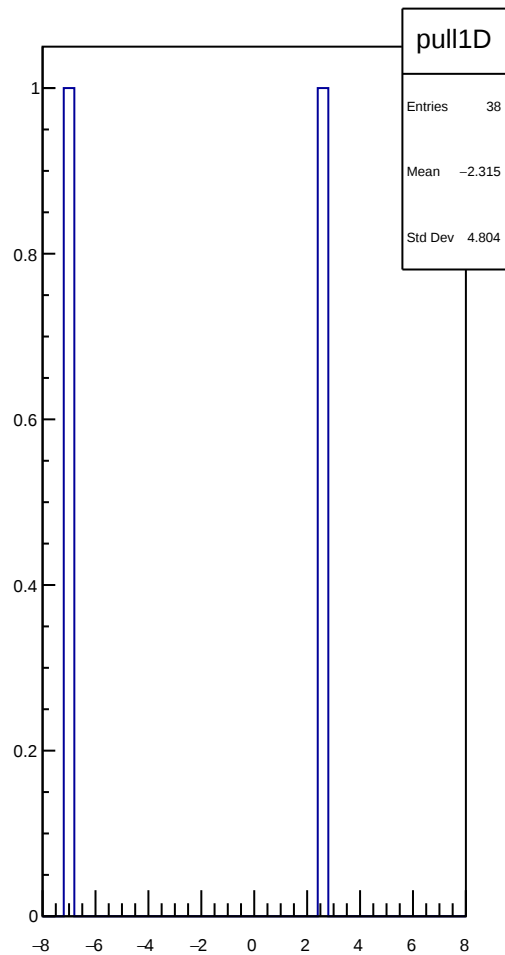
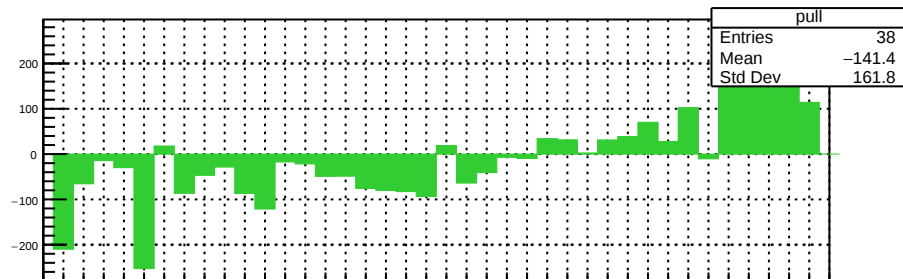
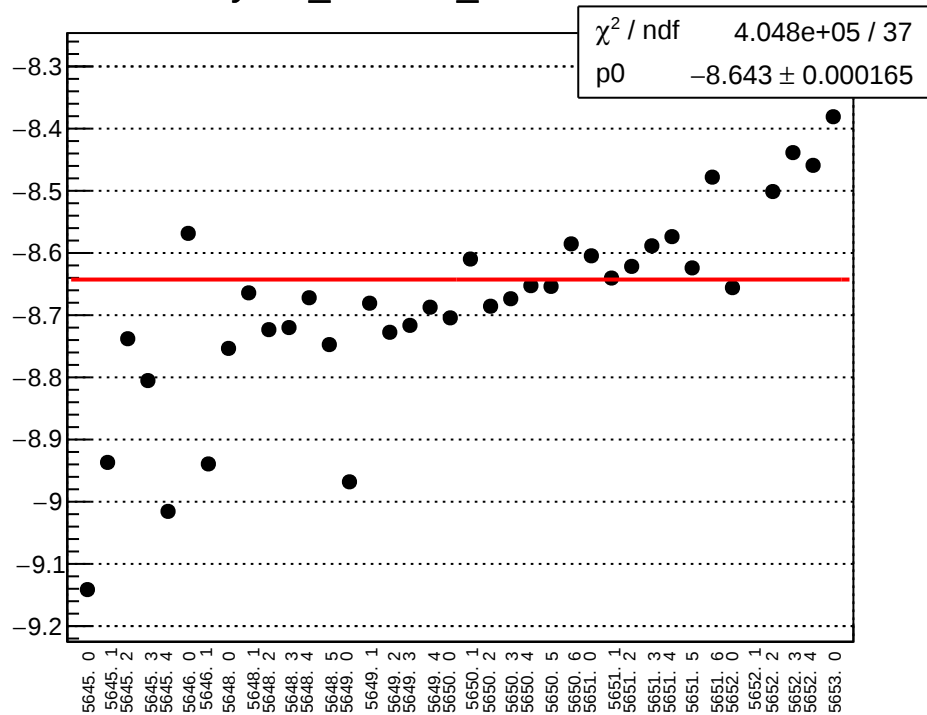
yield_cav4bX_mean vs run



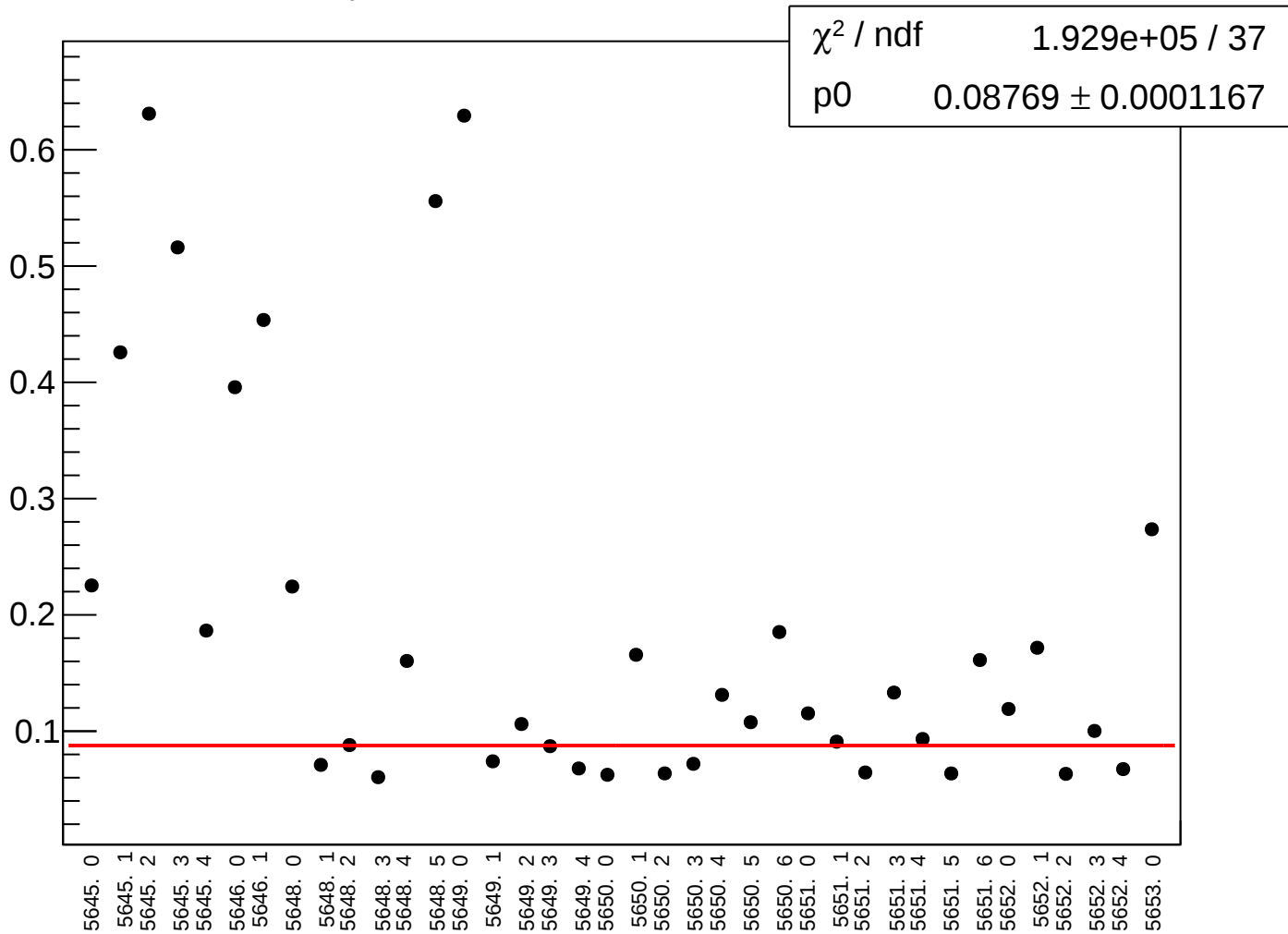
yield_cav4bX_rms vs run



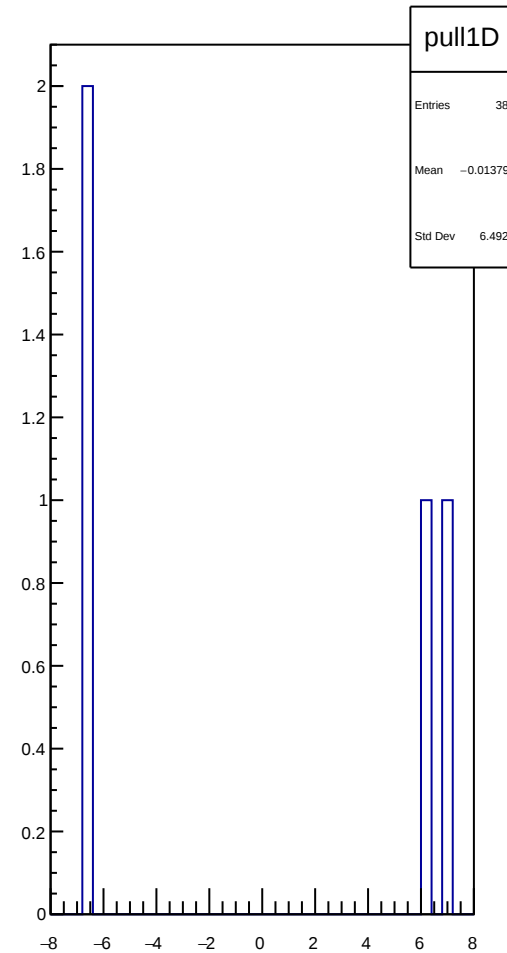
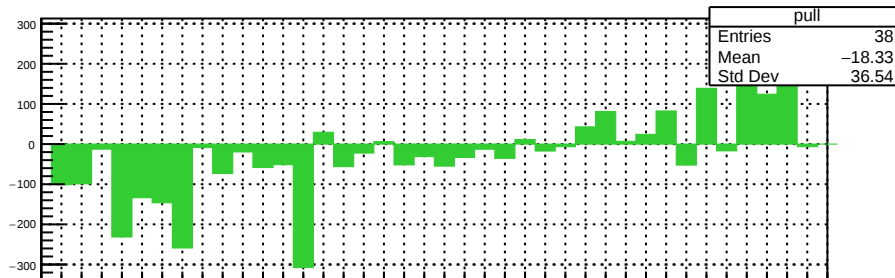
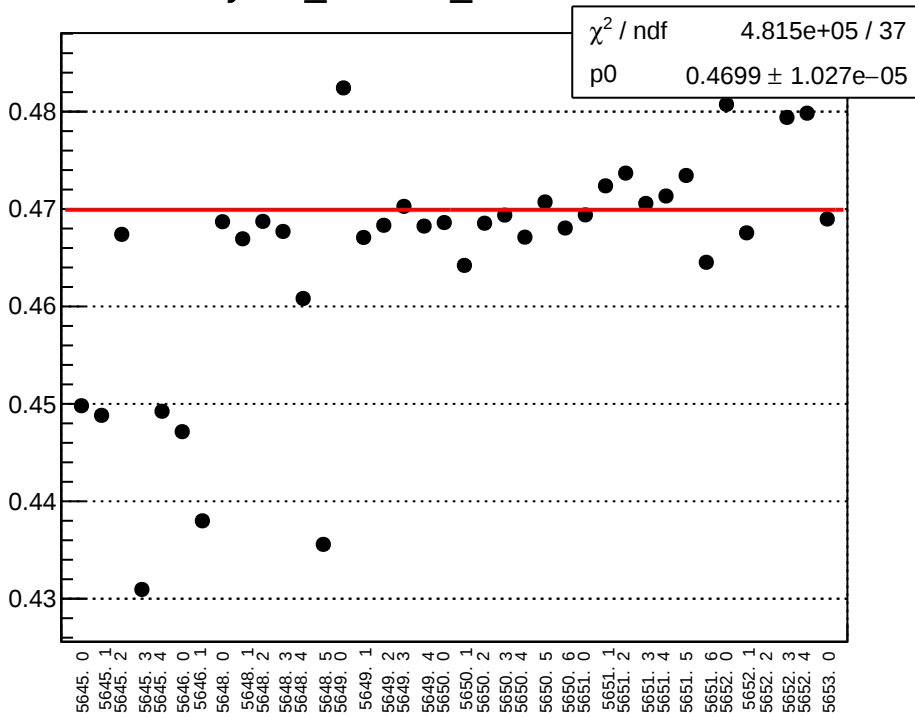
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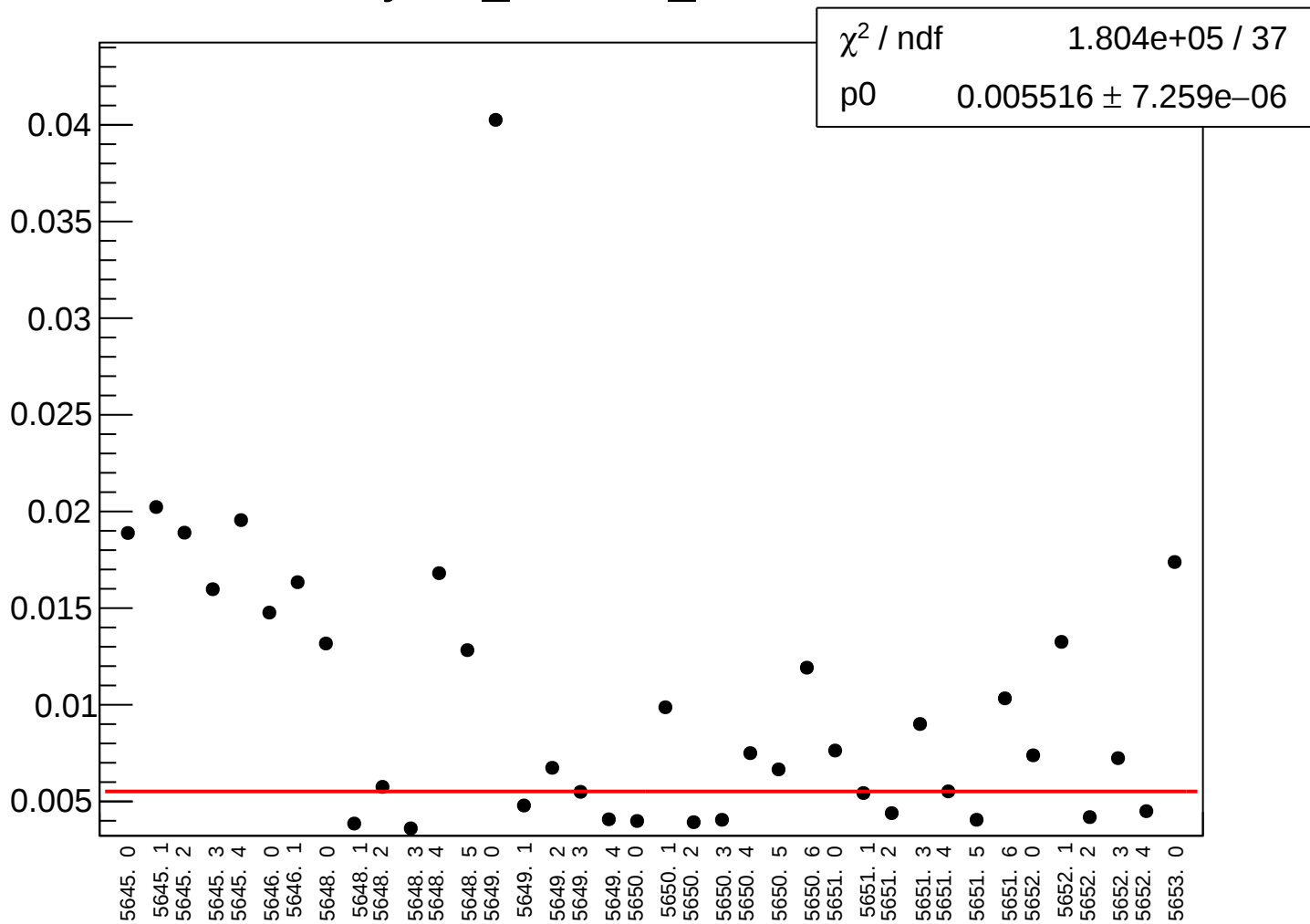
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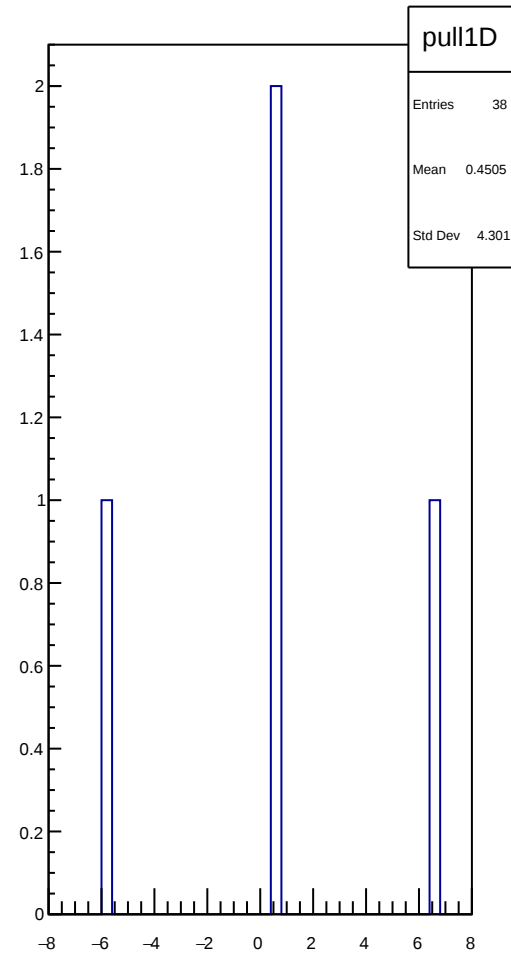
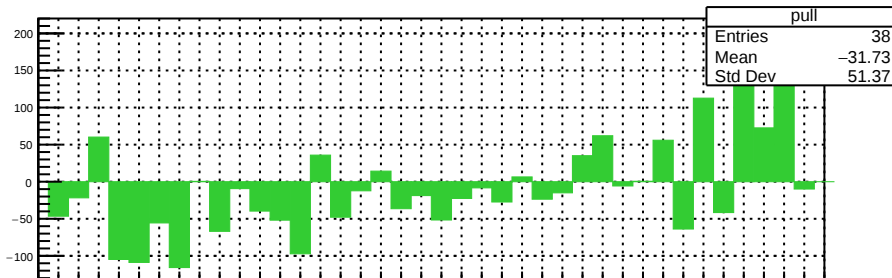
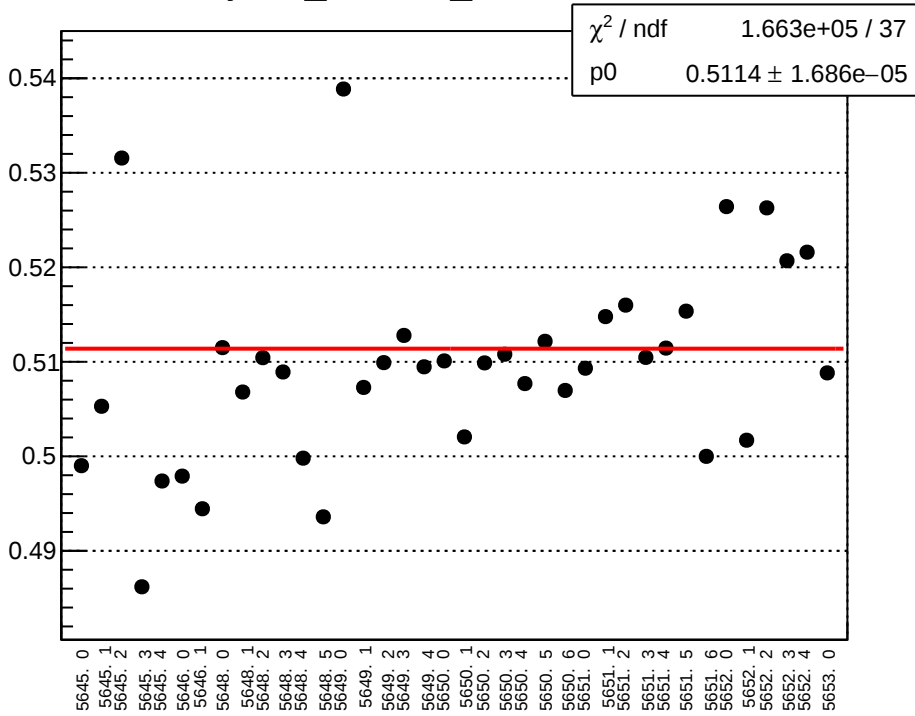
yield_cav4cX_mean vs run



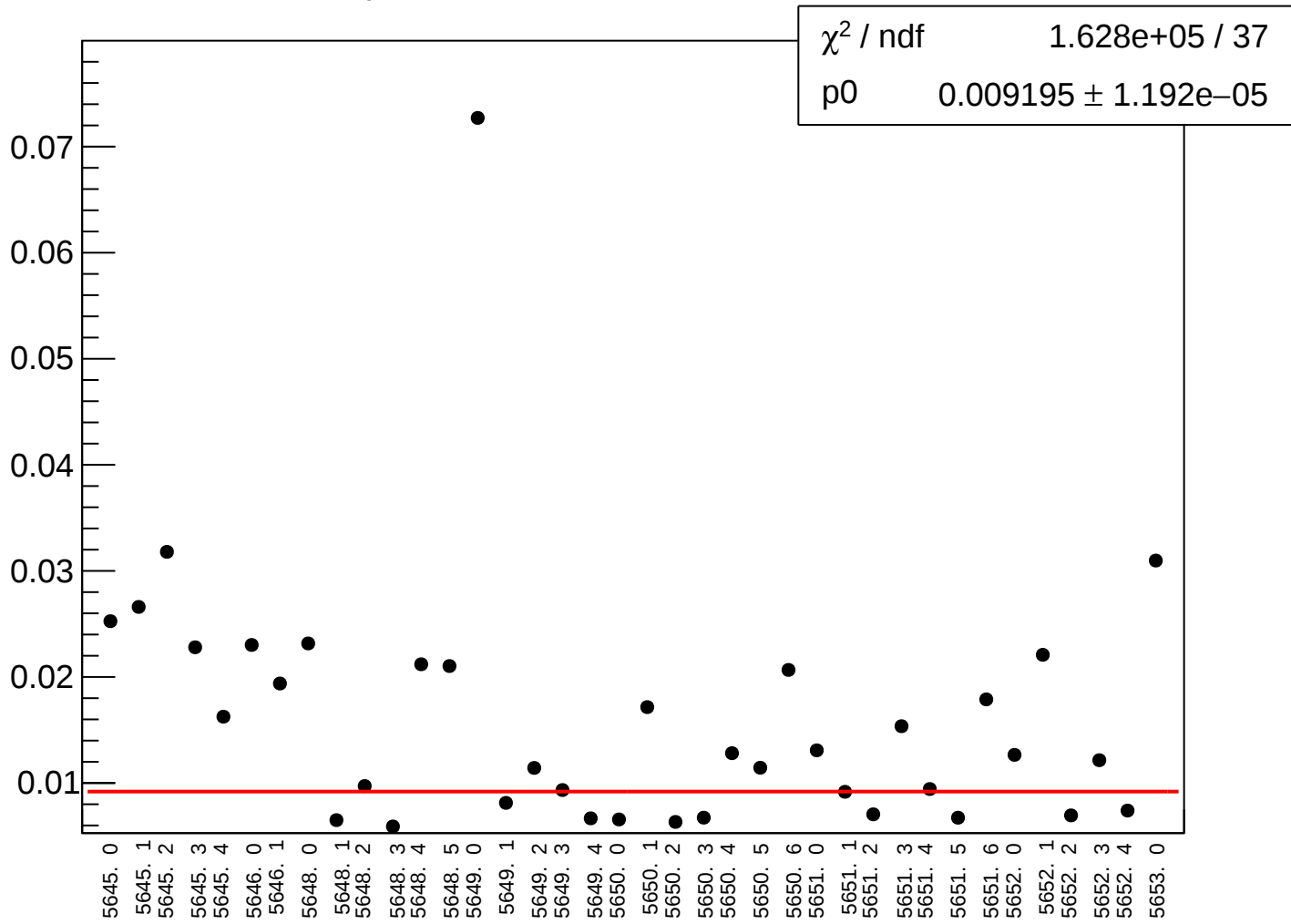
yield_cav4cX_rms vs run



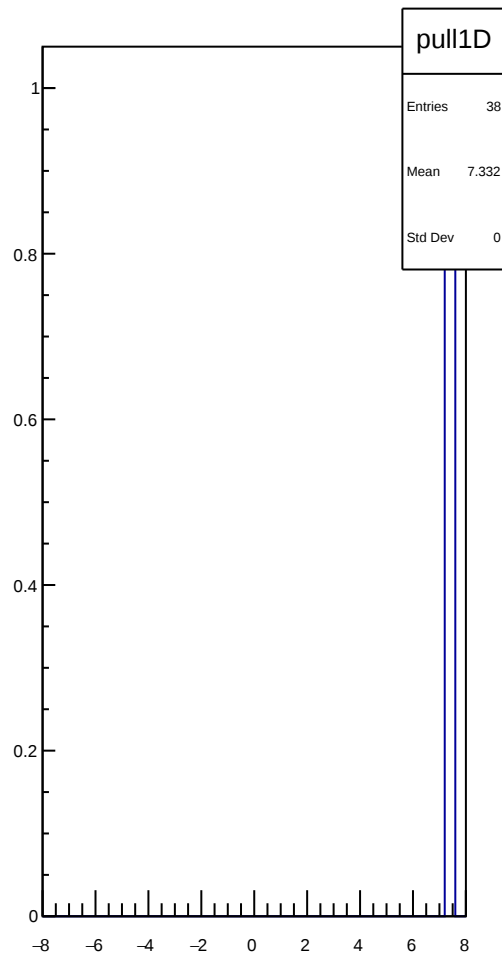
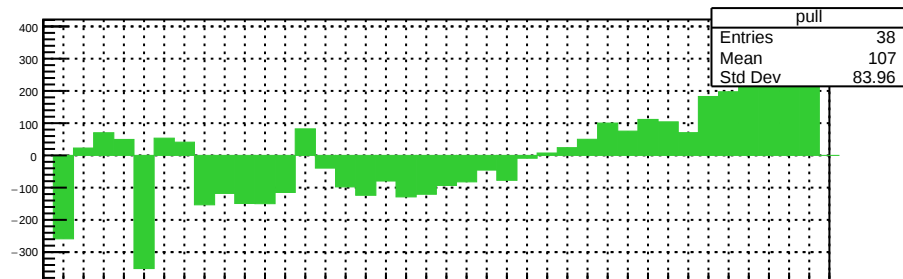
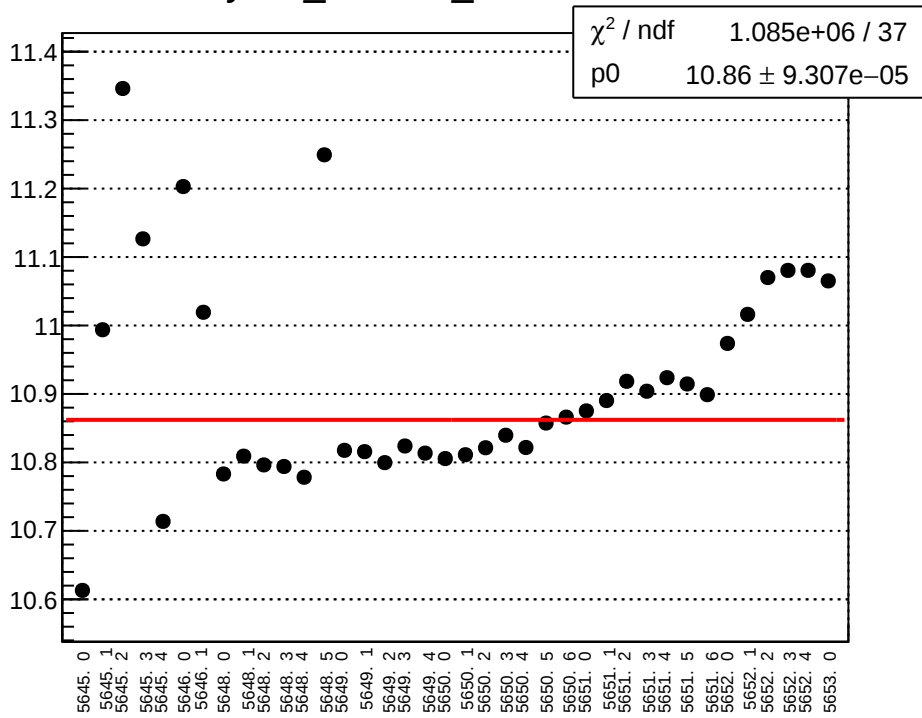
yield_cav4cY_mean vs run



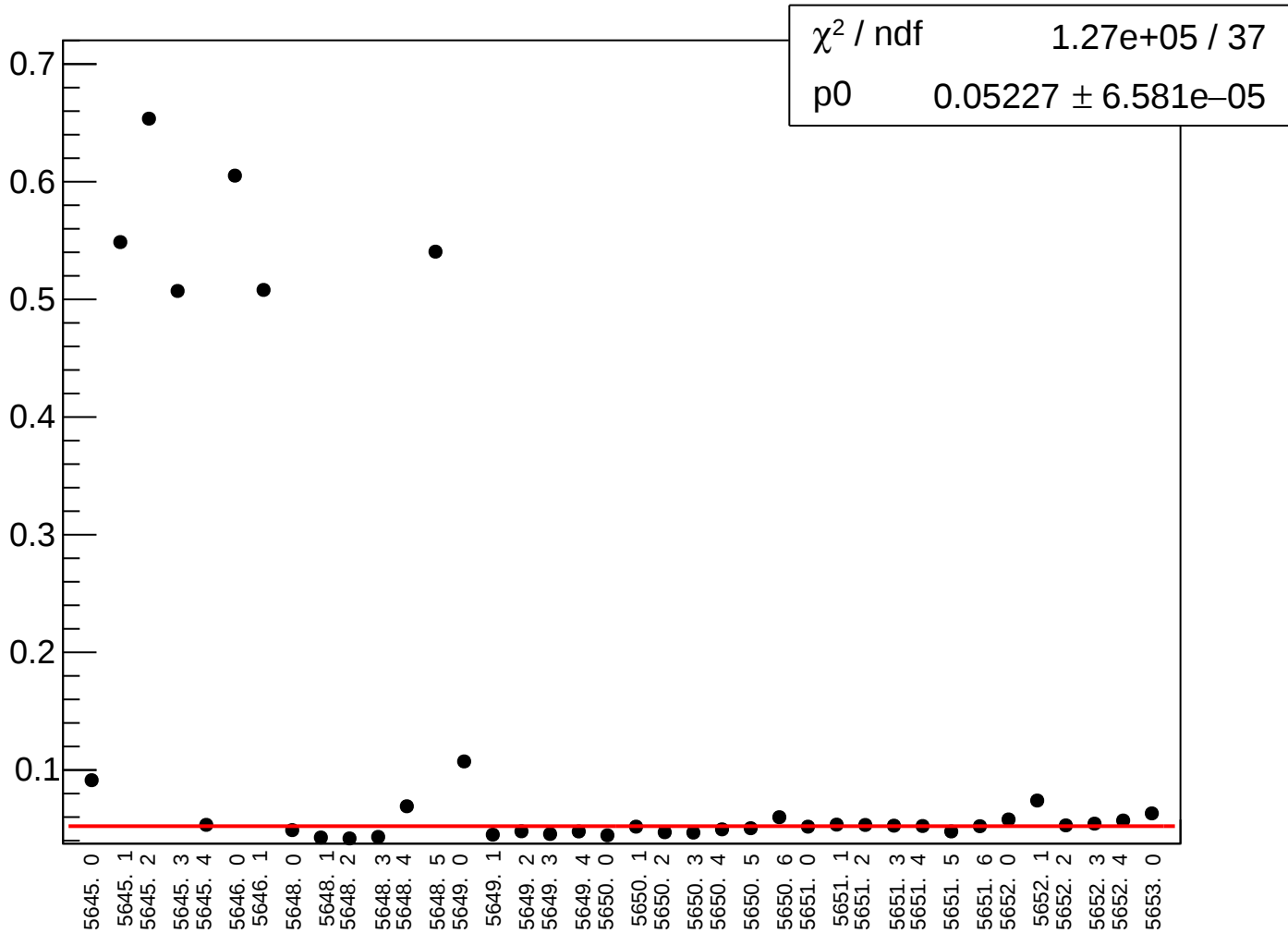
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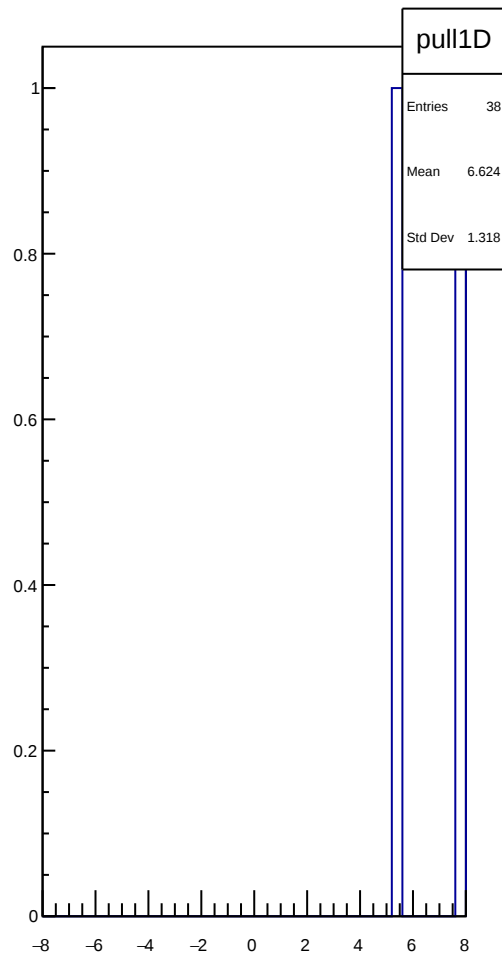
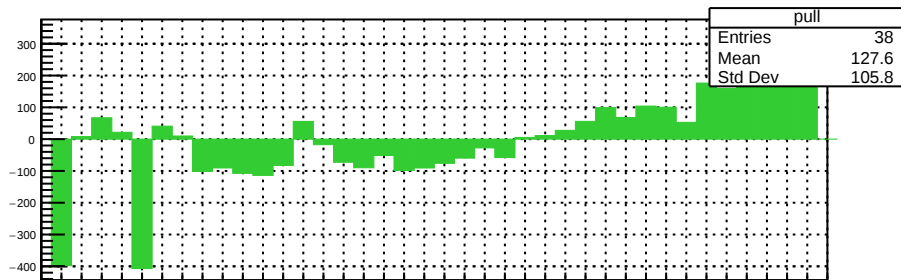
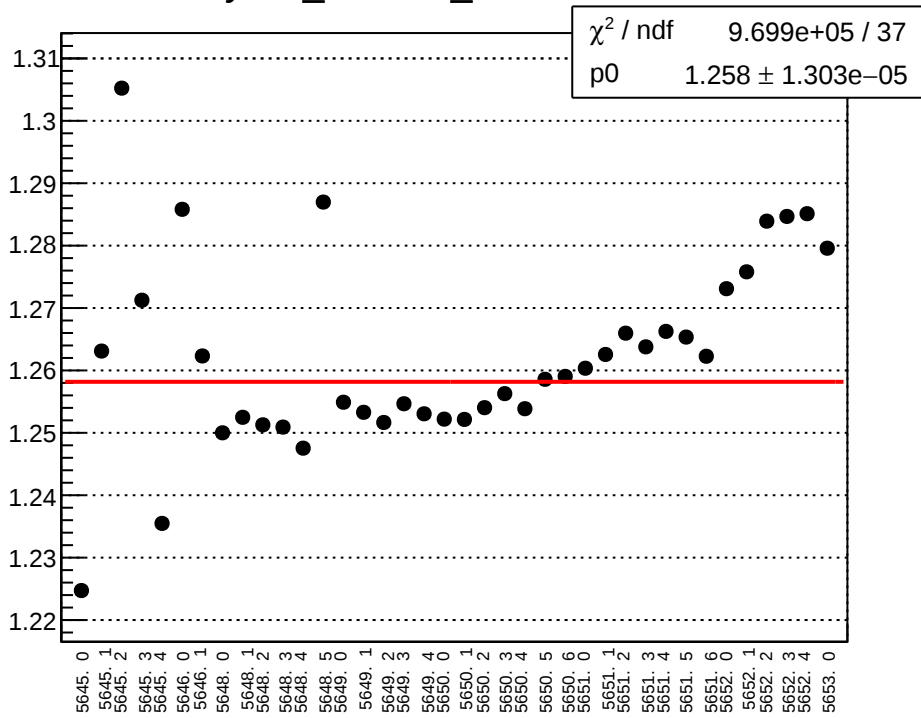
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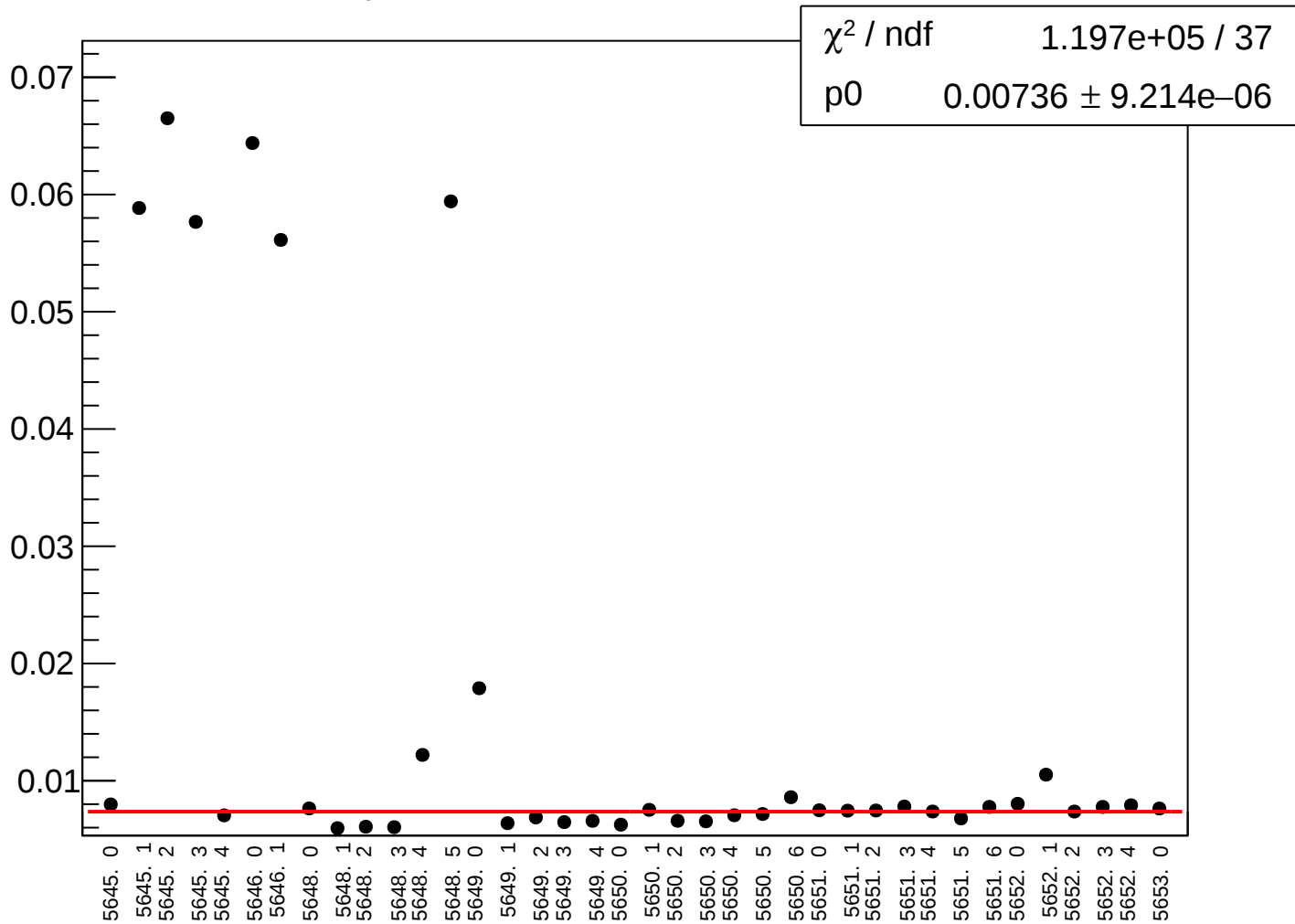
yield_cav4dX_rms vs run



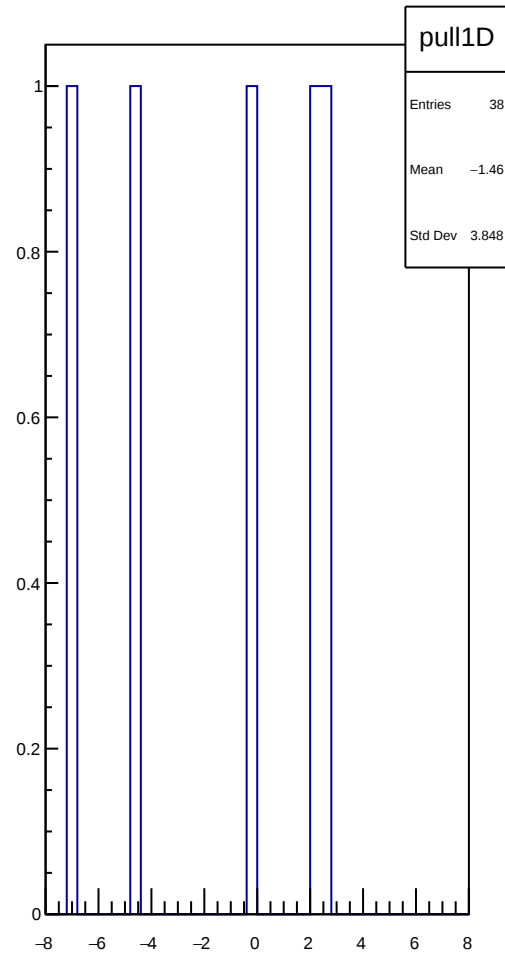
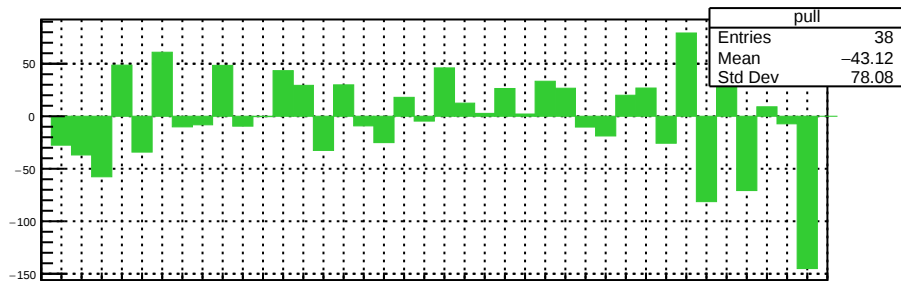
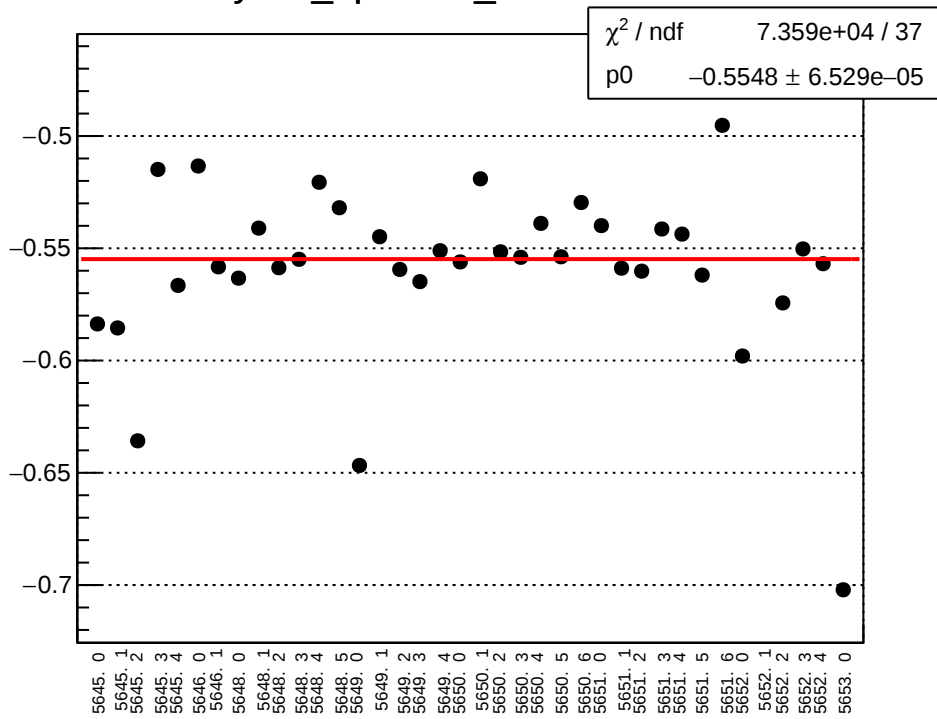
yield_cav4dY_mean vs run



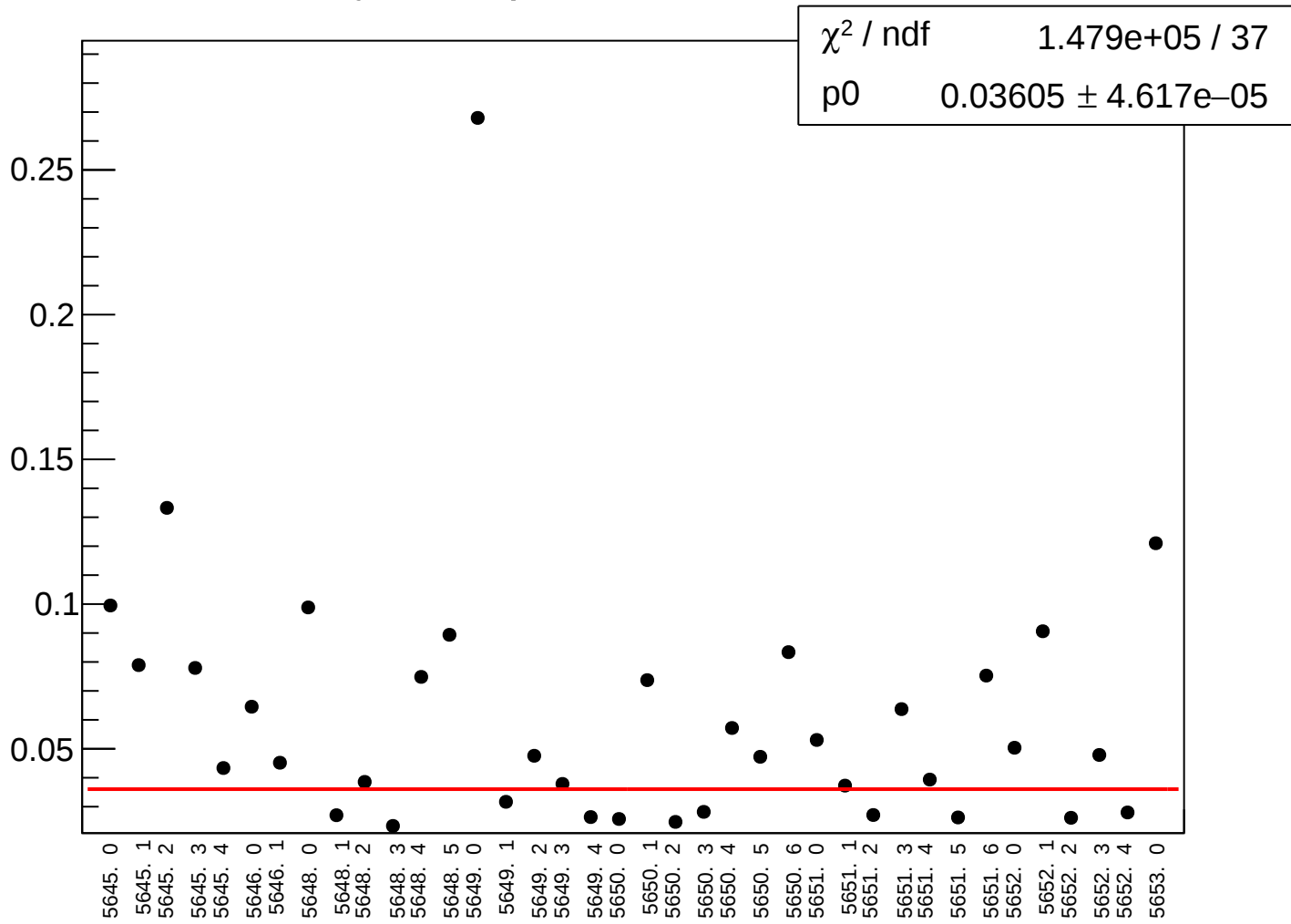
yield_cav4dY_rms vs run



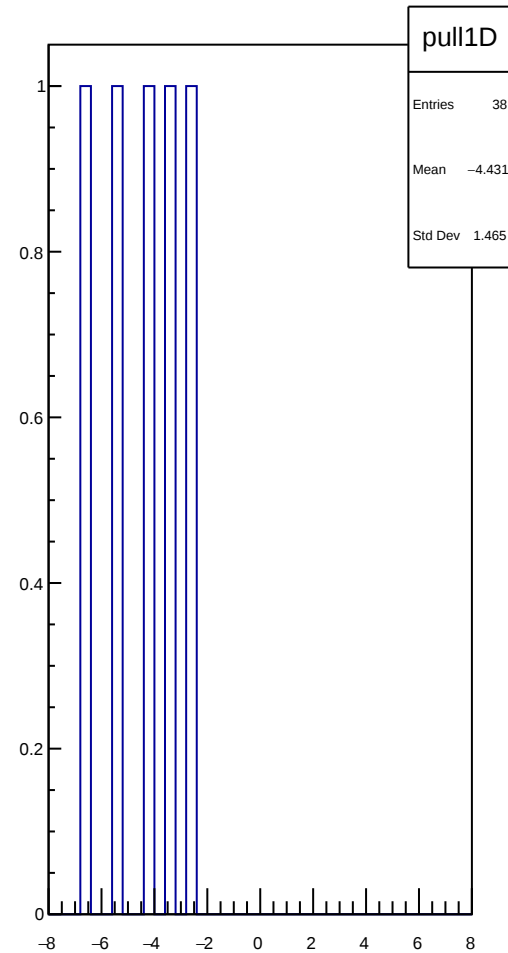
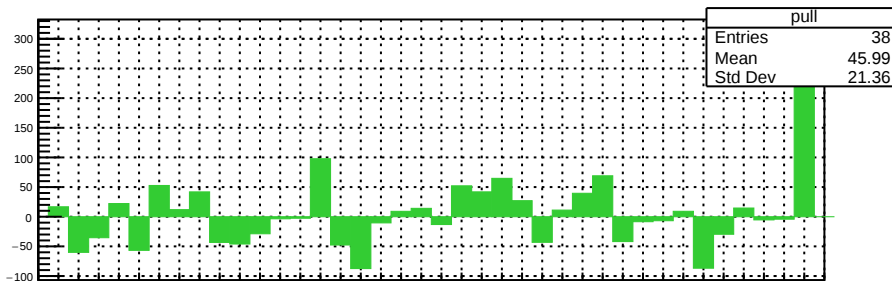
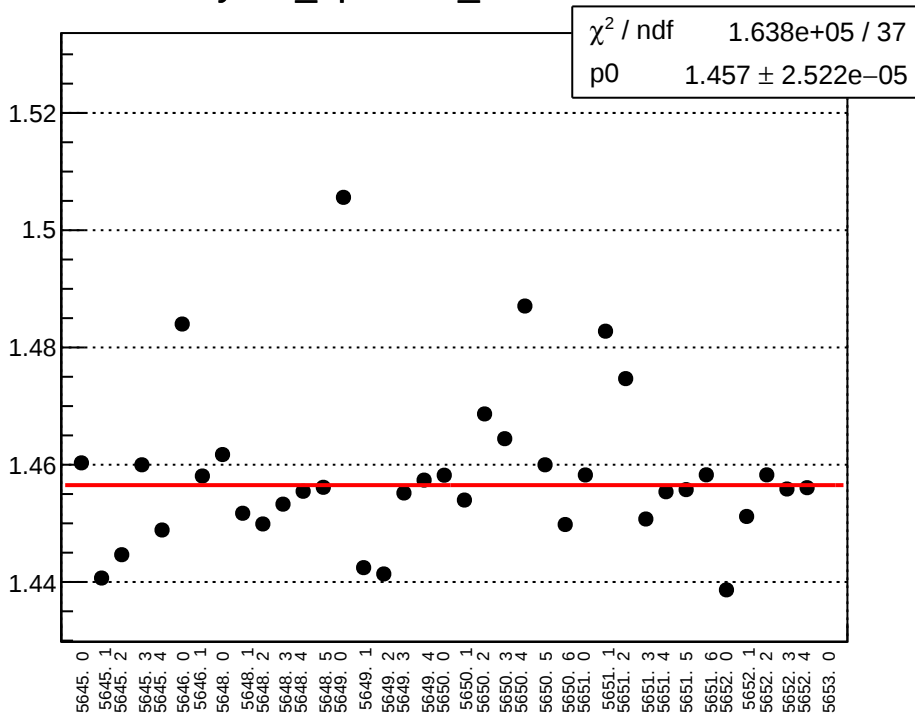
yield_bpm4aX_mean vs run



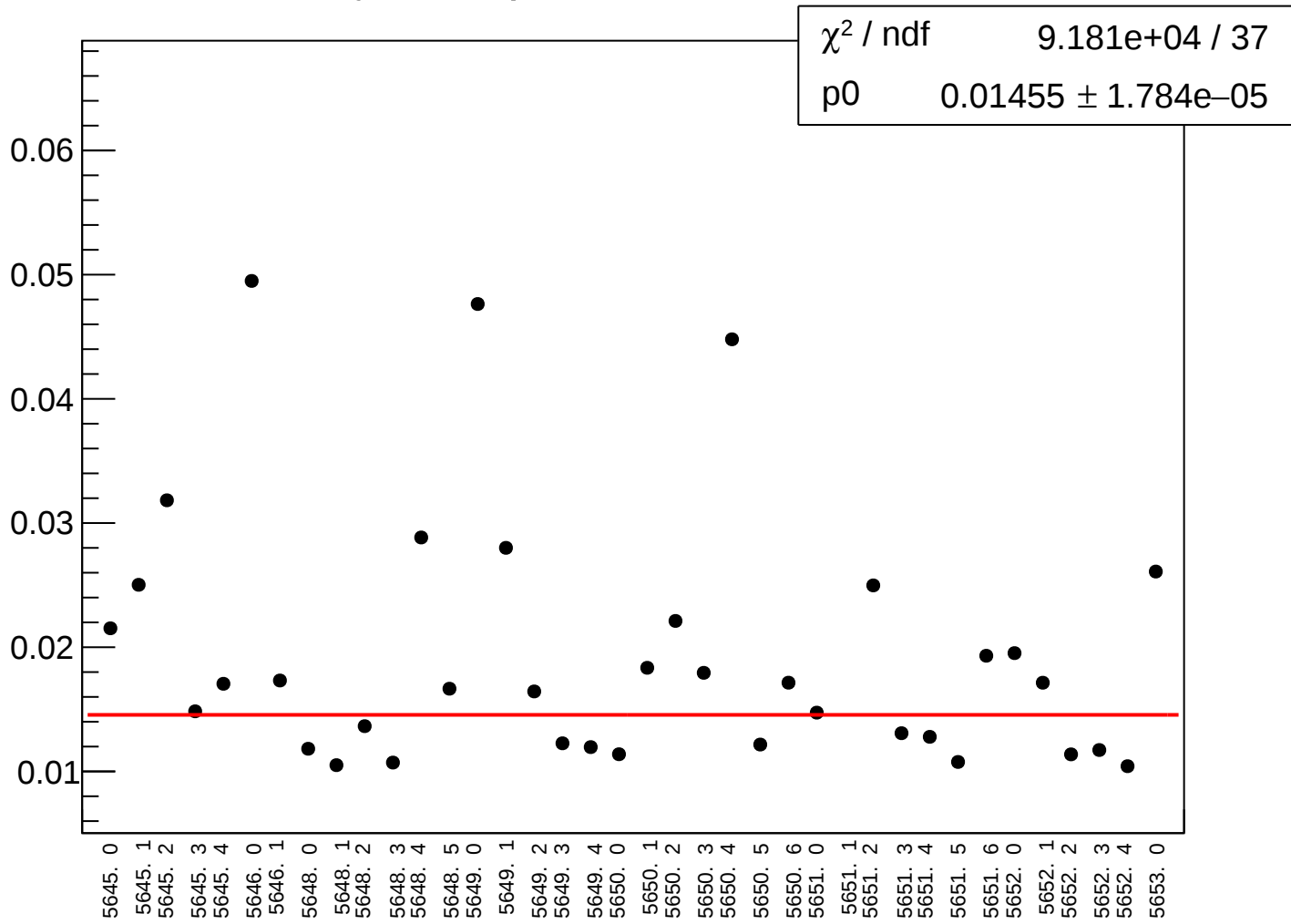
yield_bpm4aX_rms vs run



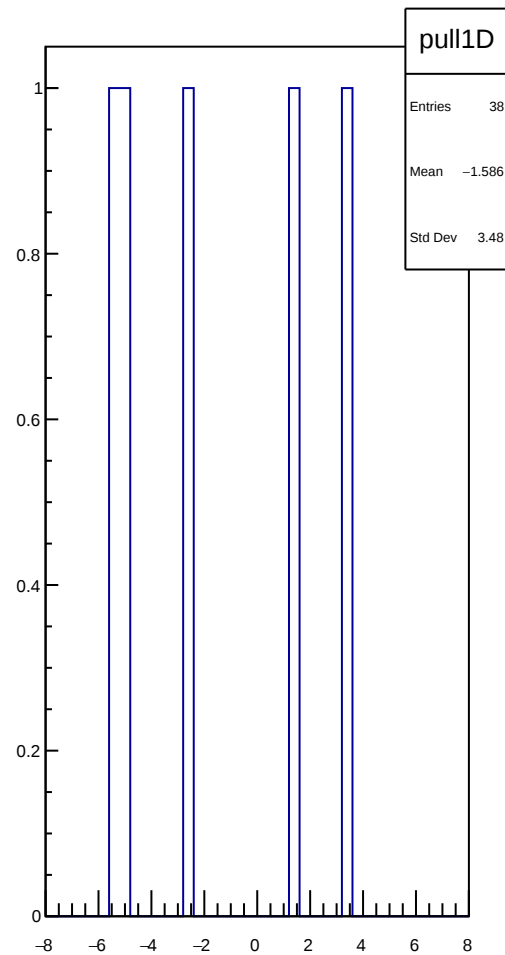
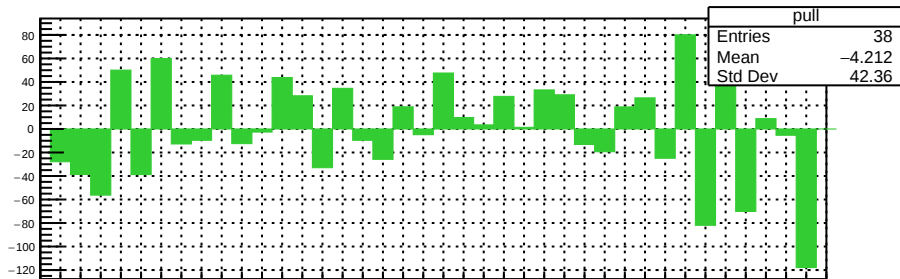
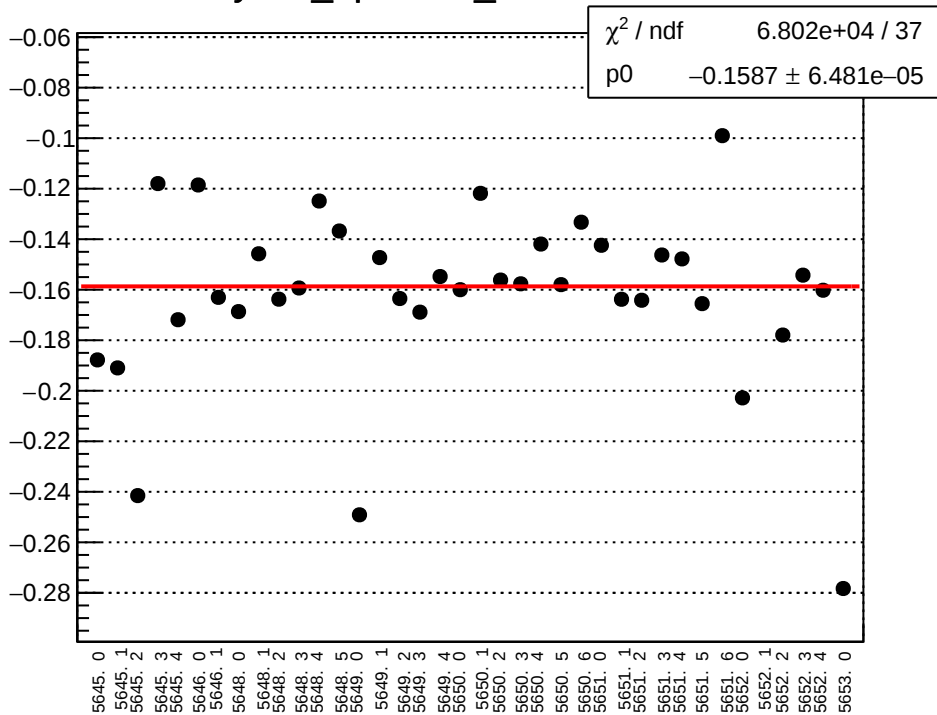
yield_bpm4aY_mean vs run



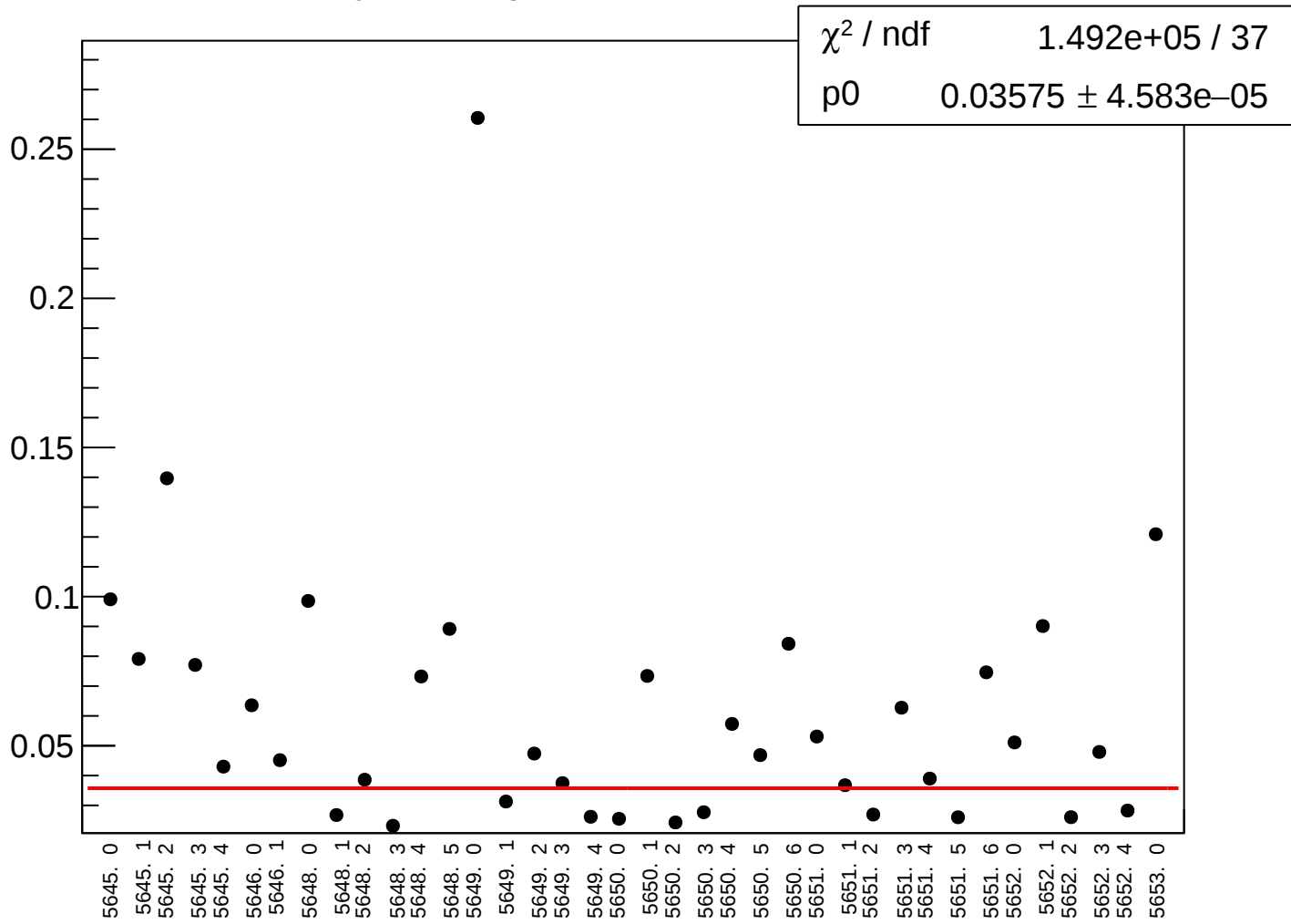
yield_bpm4aY_rms vs run



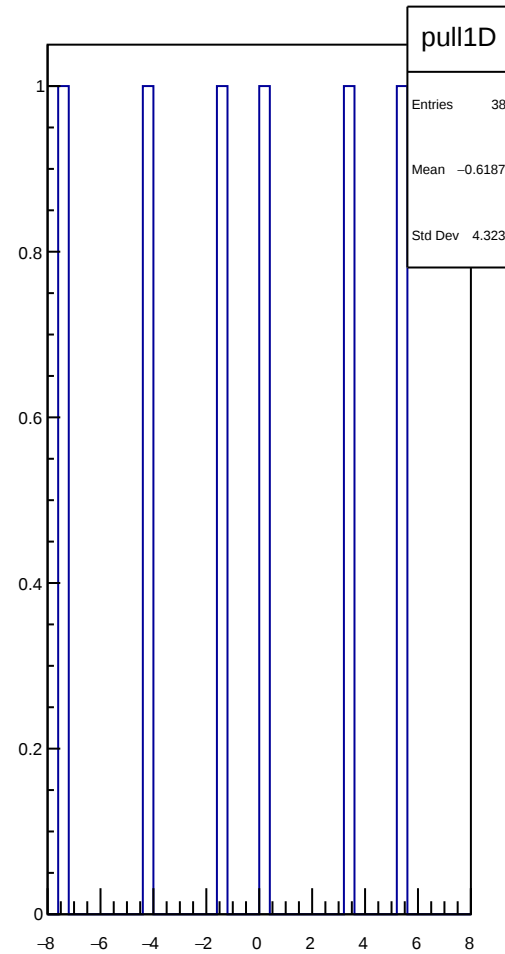
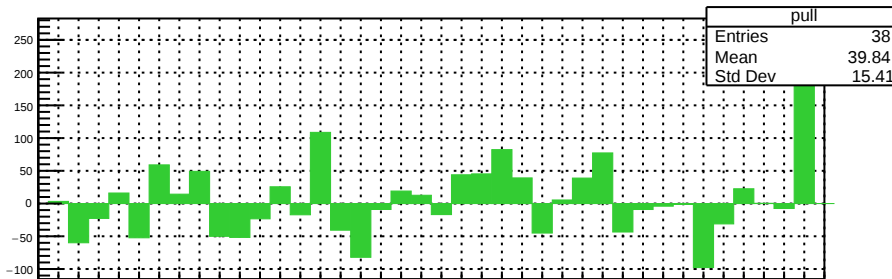
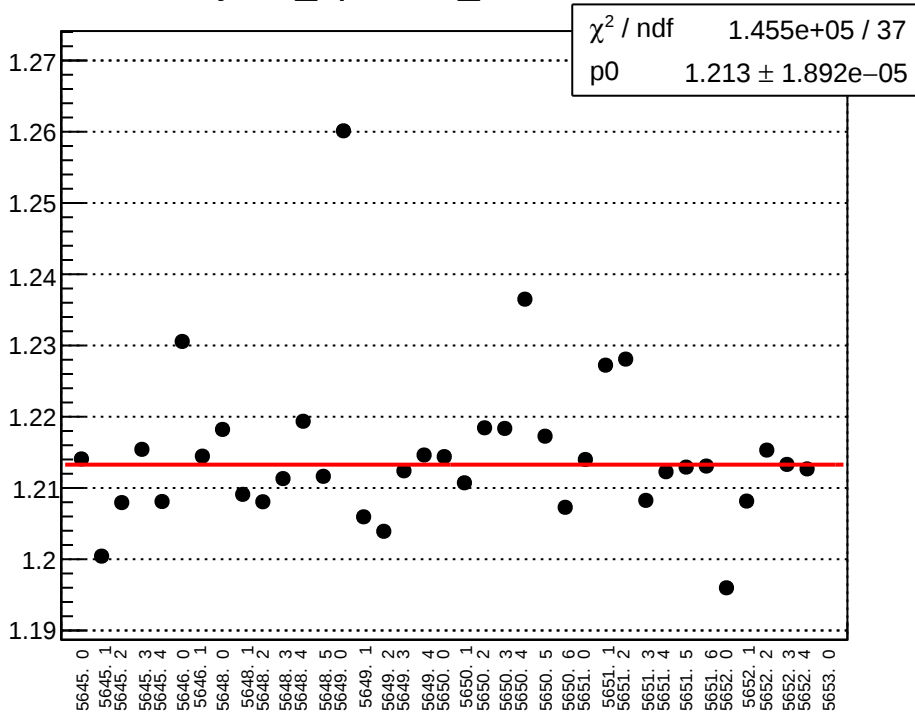
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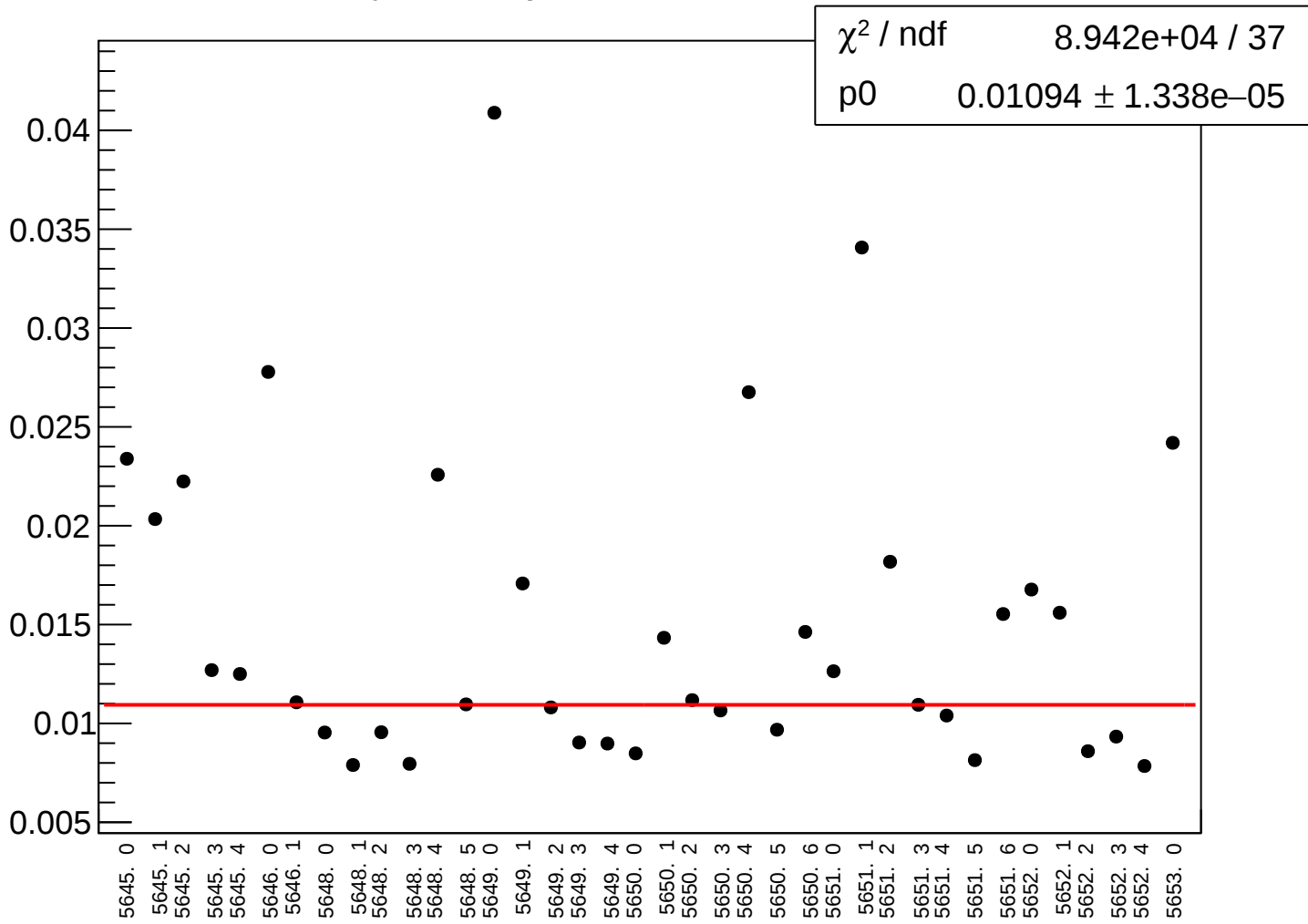
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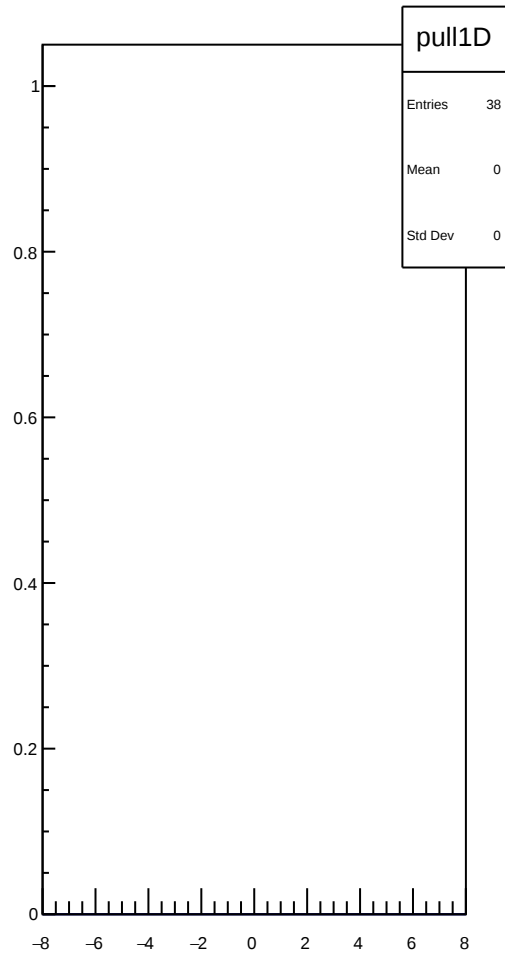
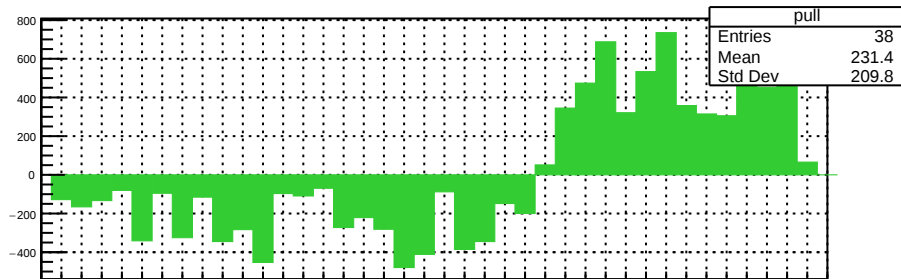
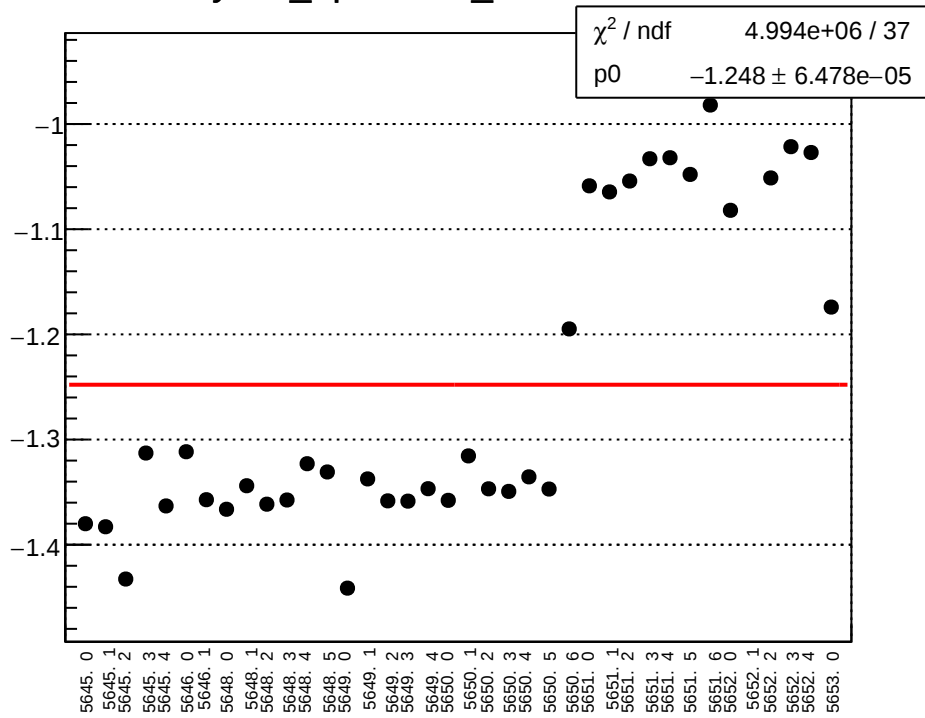
yield_bpm4eY_mean vs run



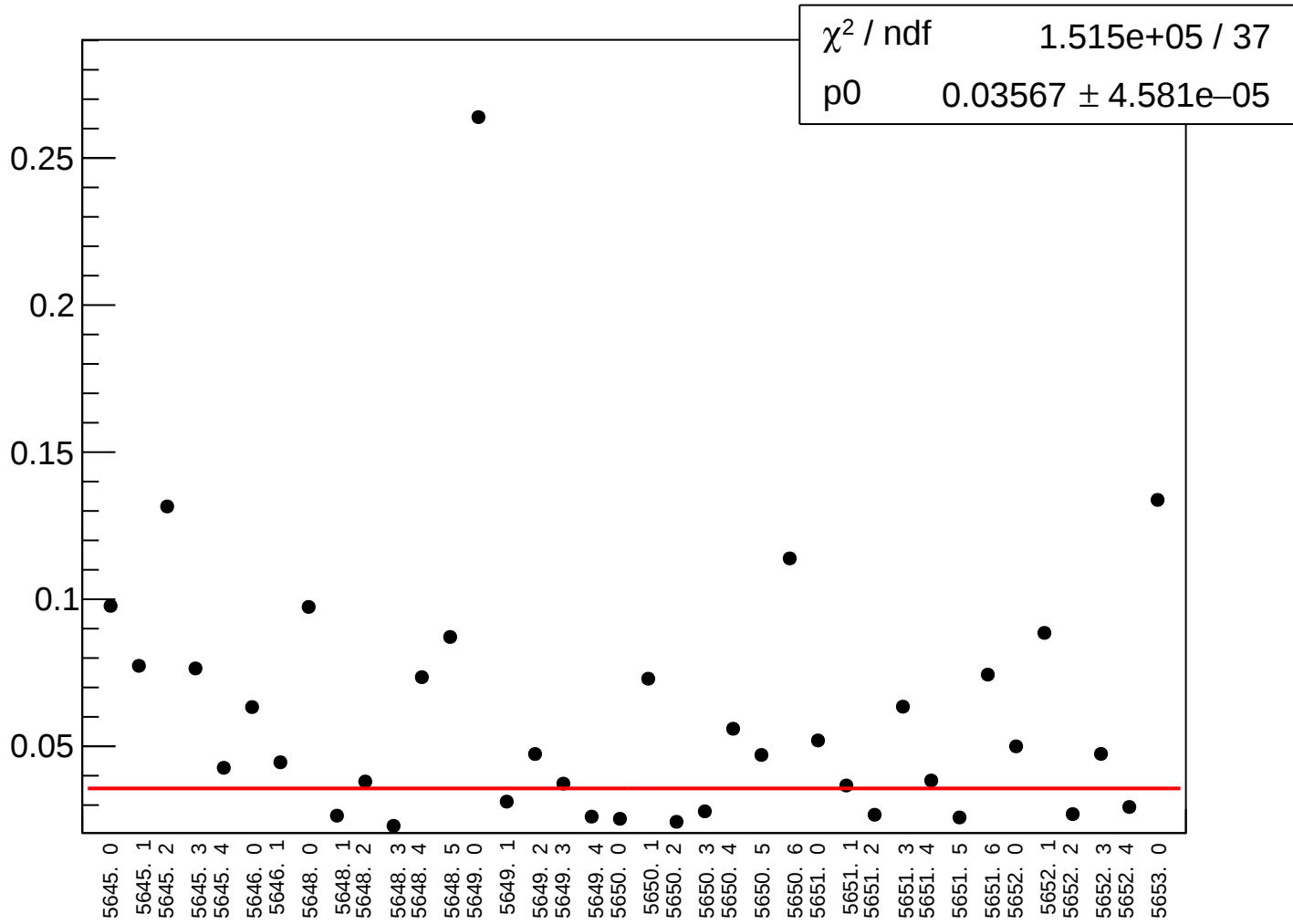
yield_bpm4eY_rms vs run



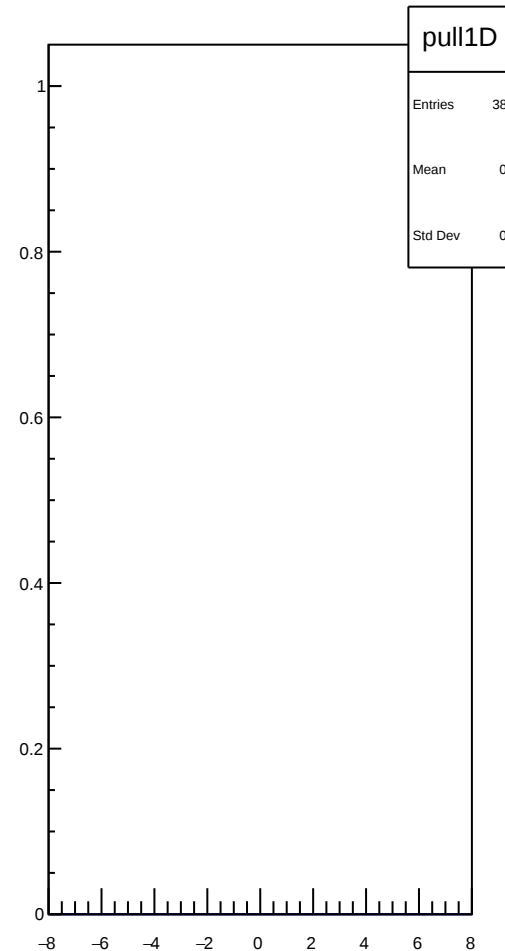
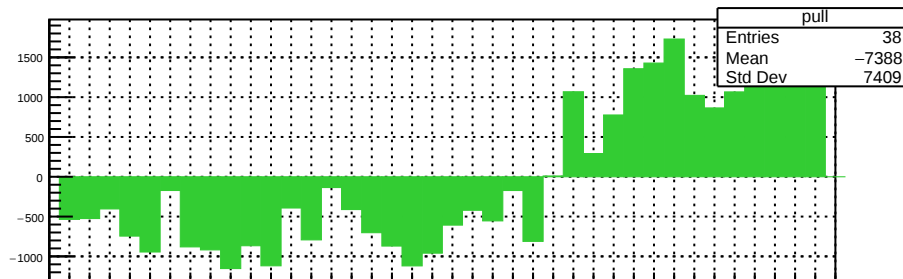
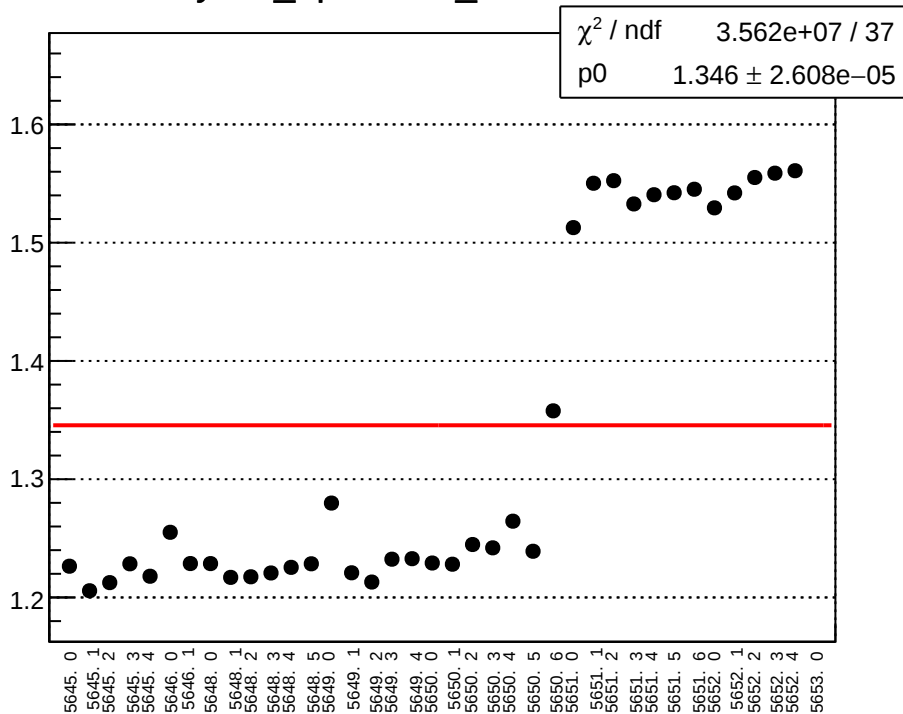
yield_bpm4acX_mean vs run



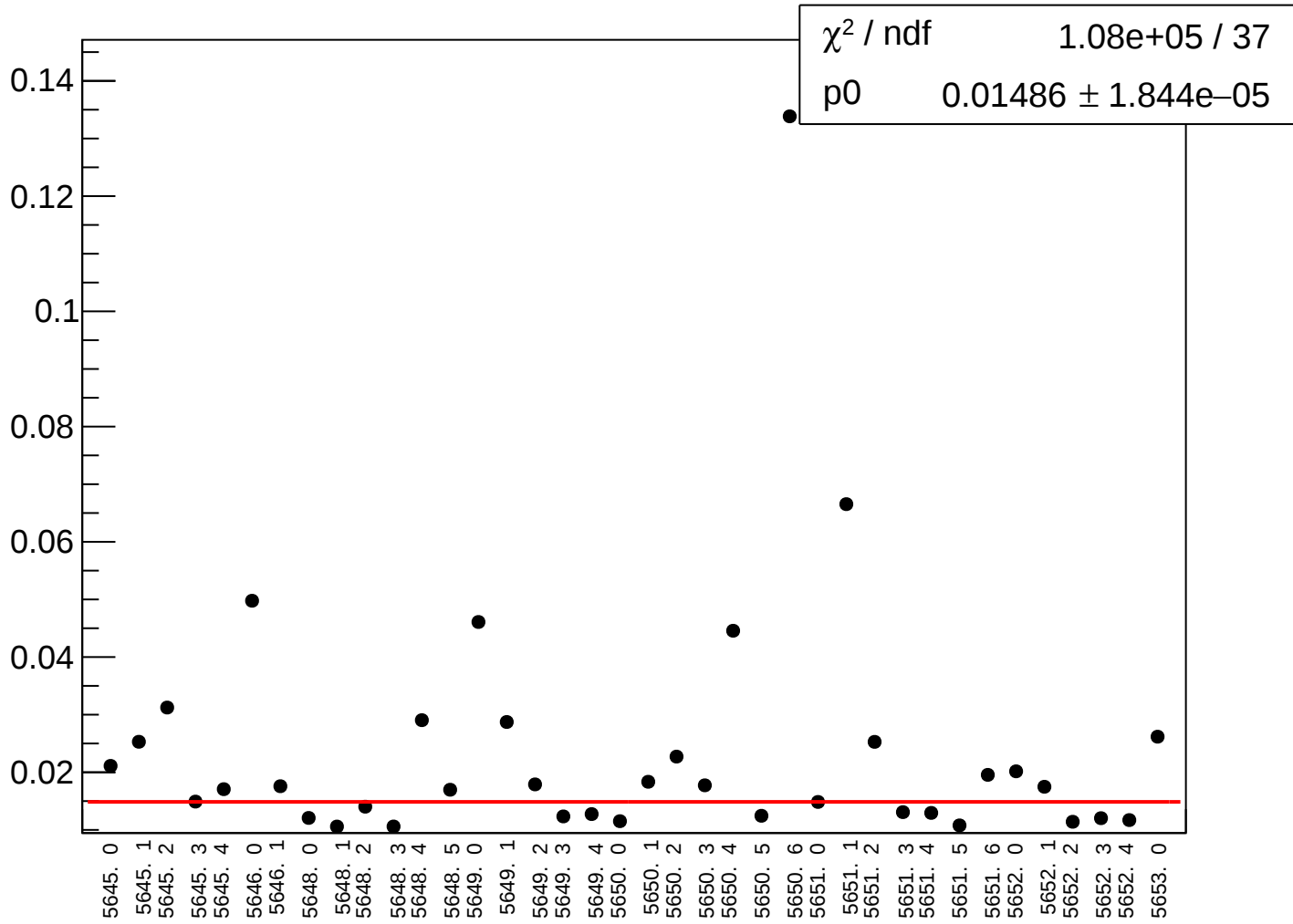
yield_bpm4acX_rms vs run



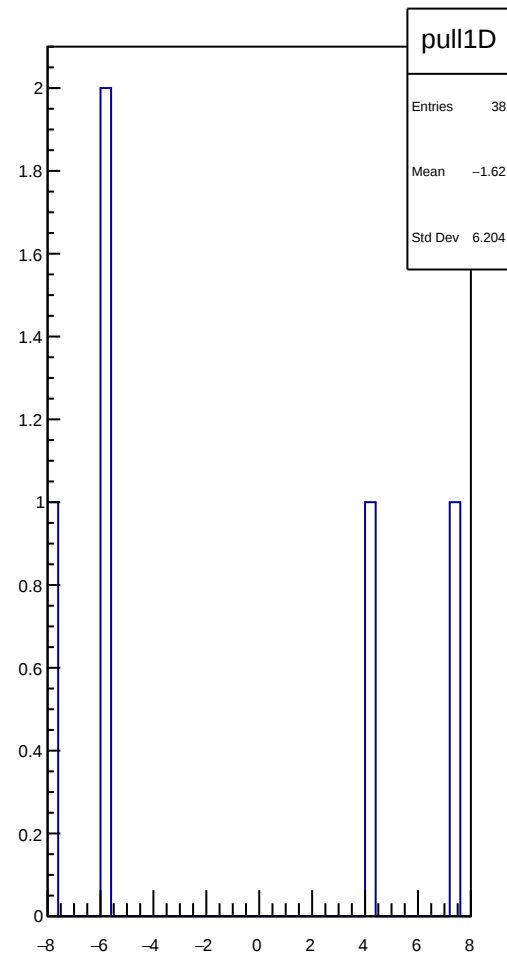
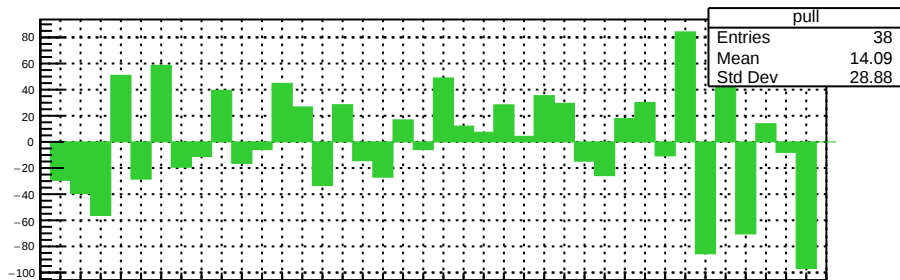
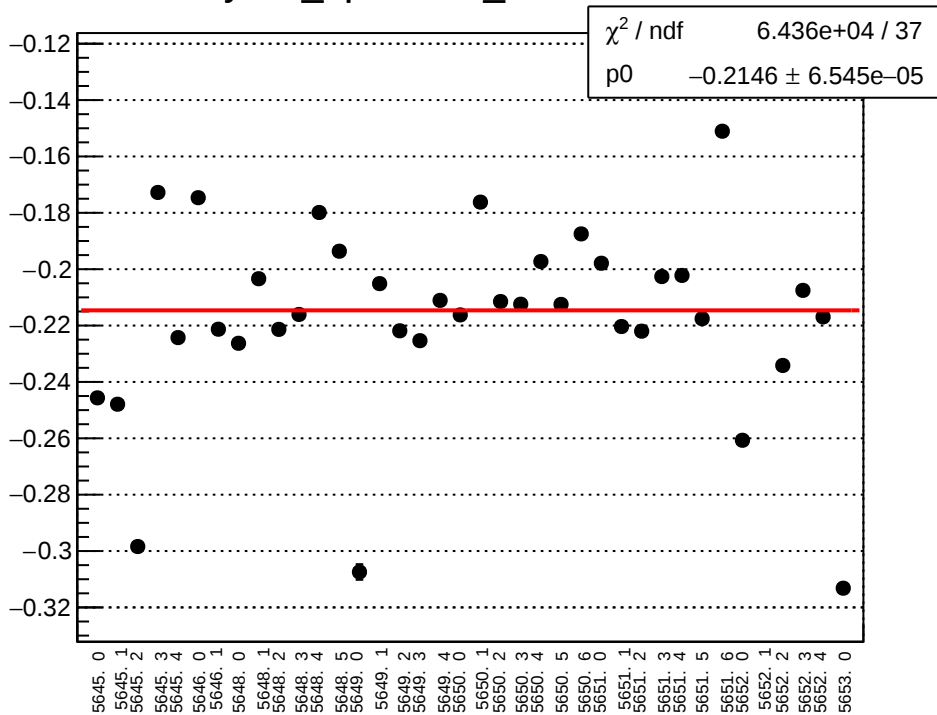
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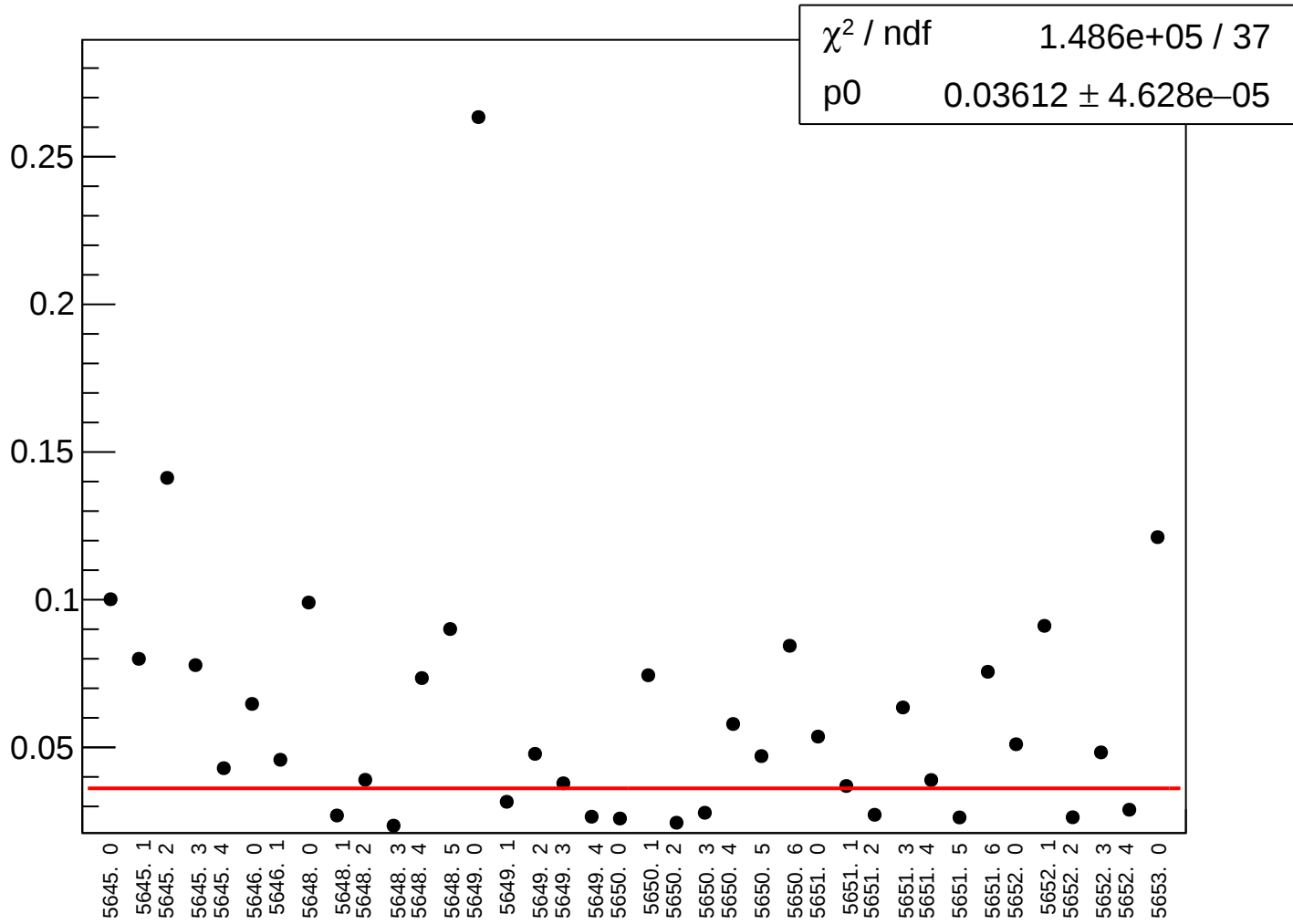
yield_bpm4acY_rms vs run



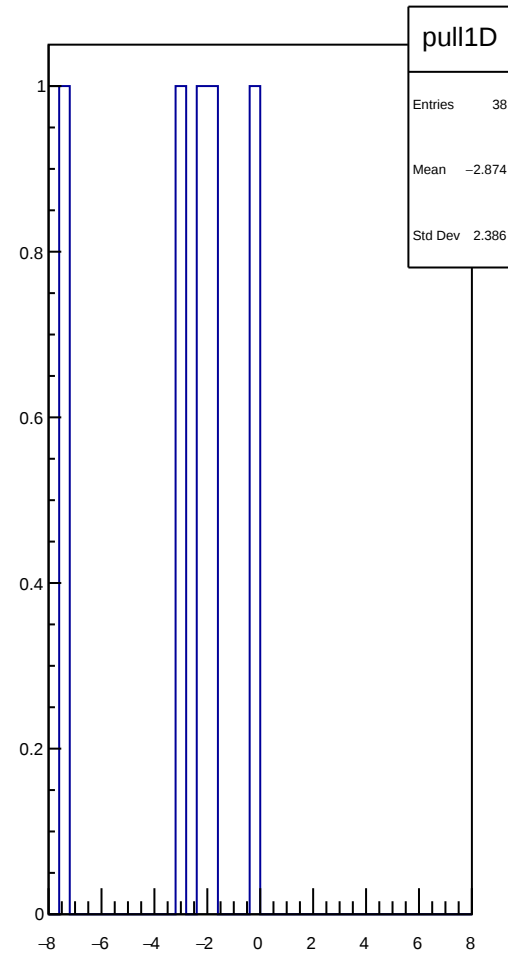
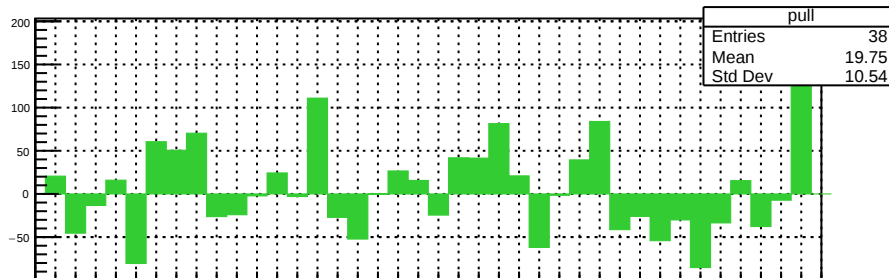
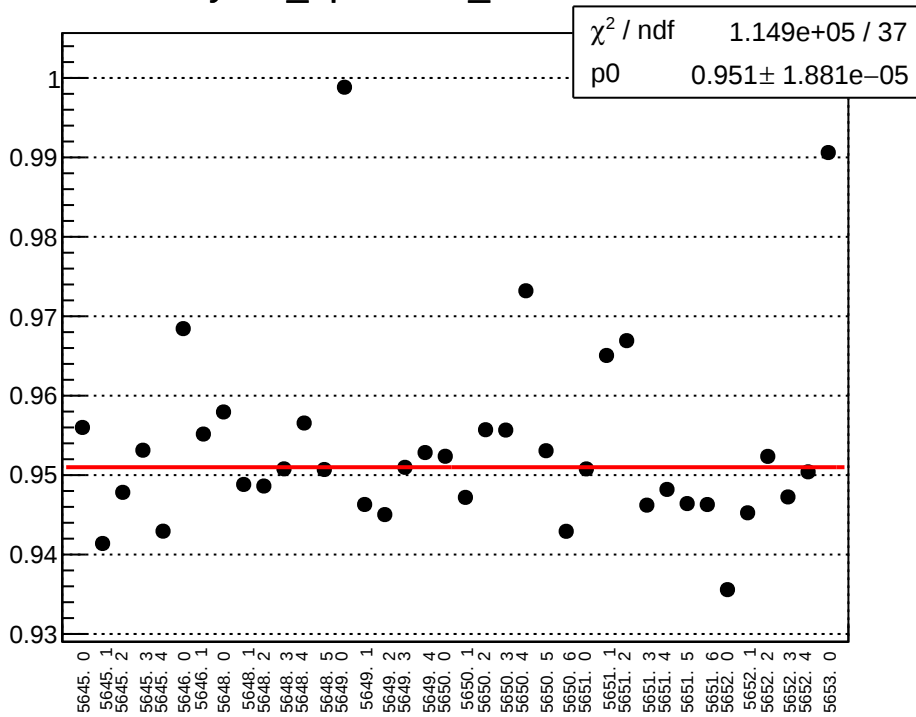
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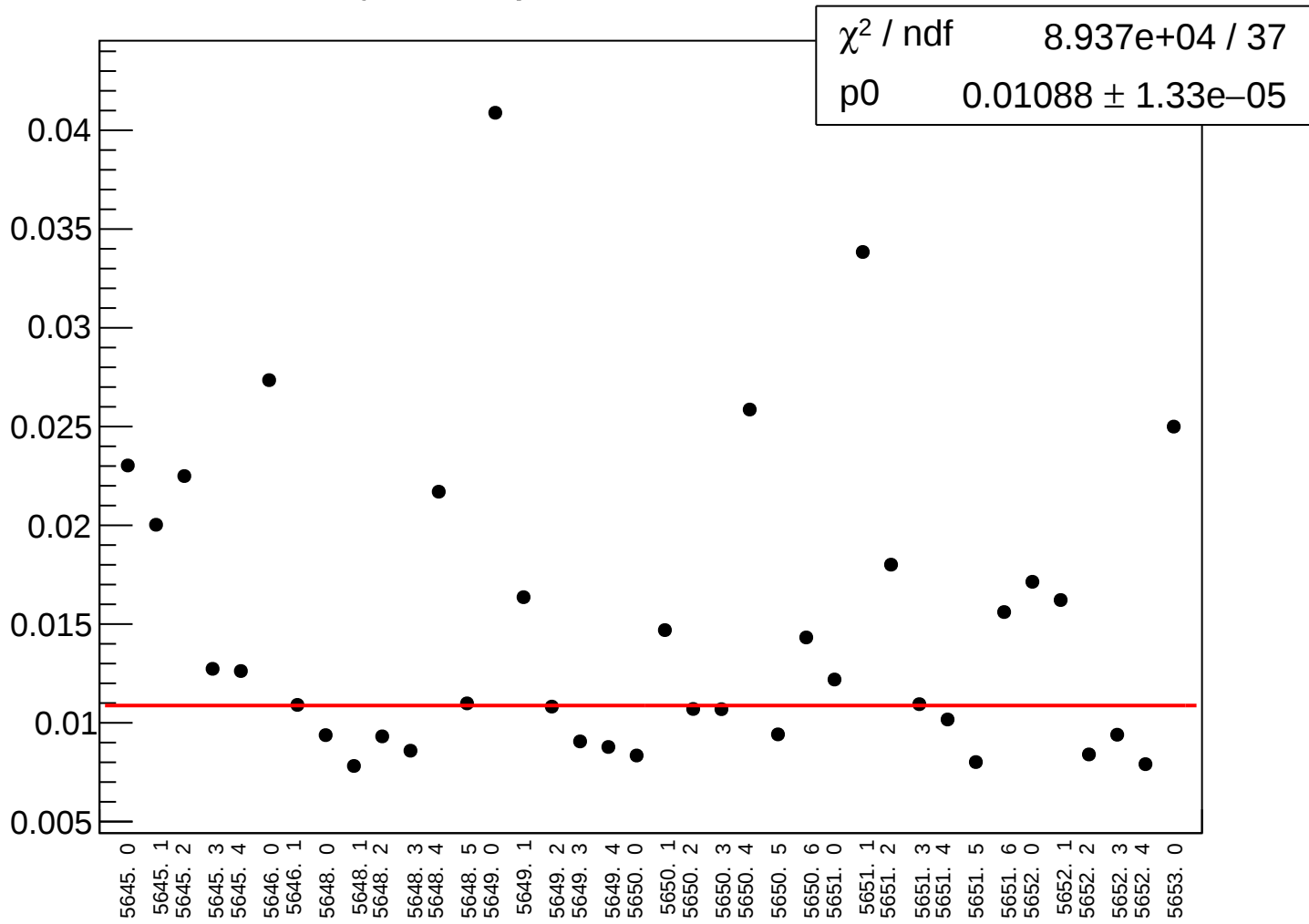
yield_bpm4ecX_rms vs run



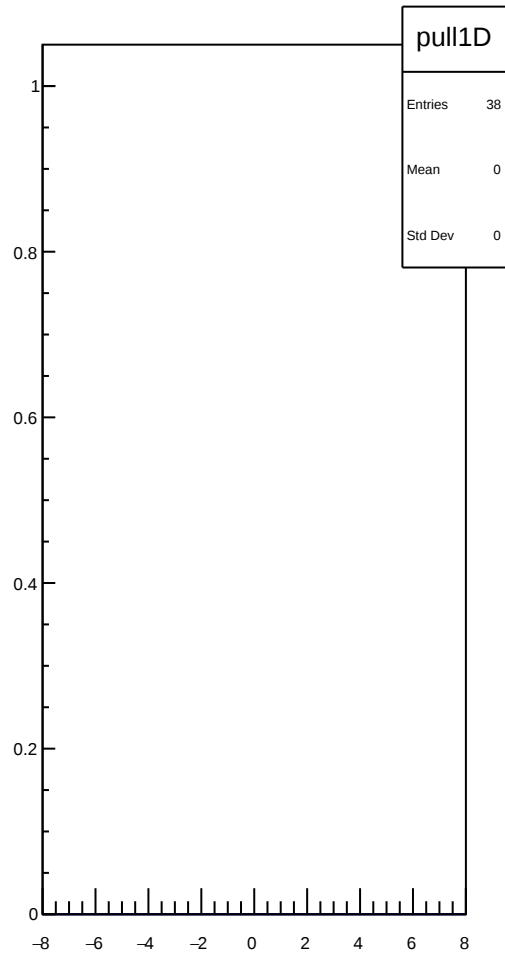
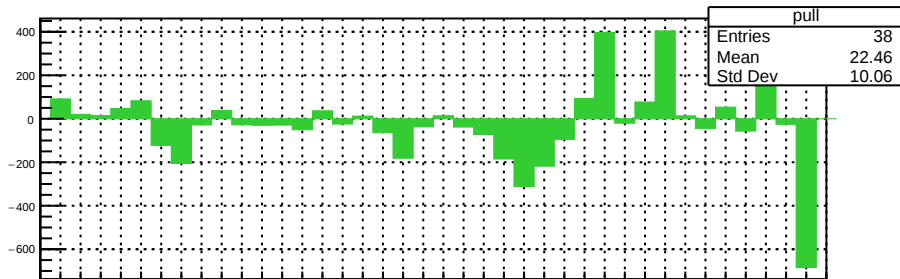
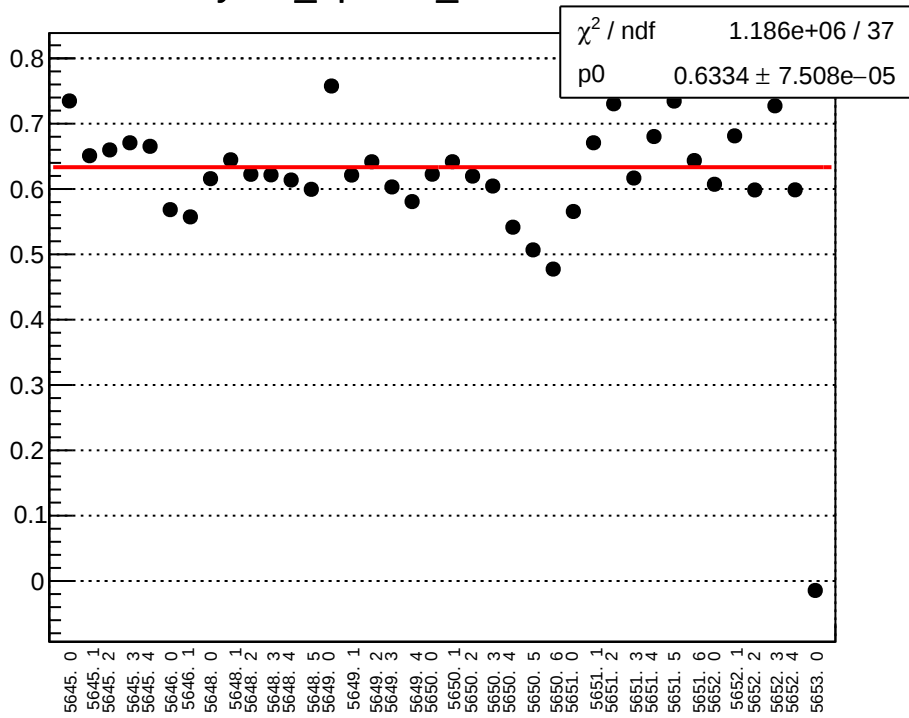
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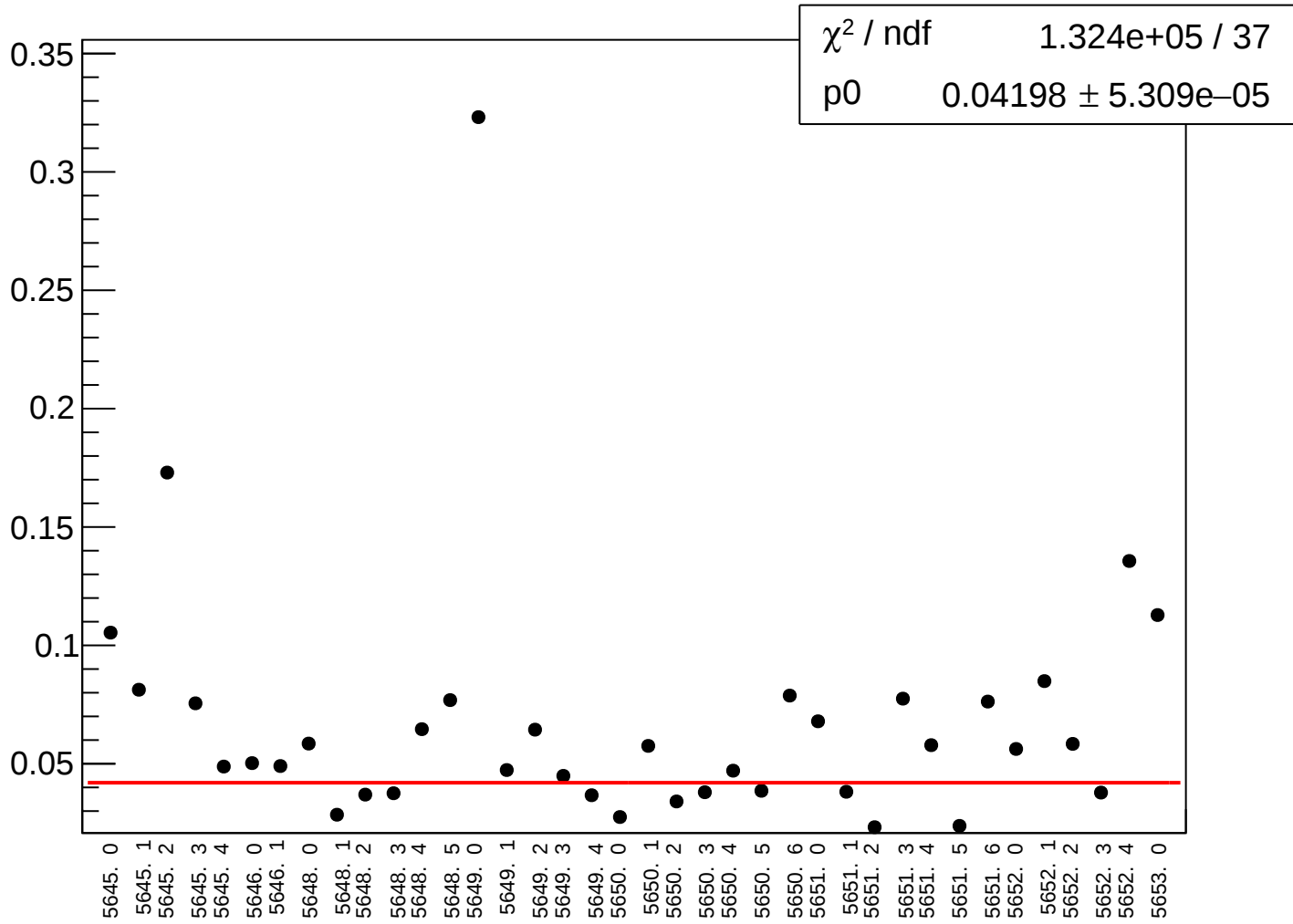
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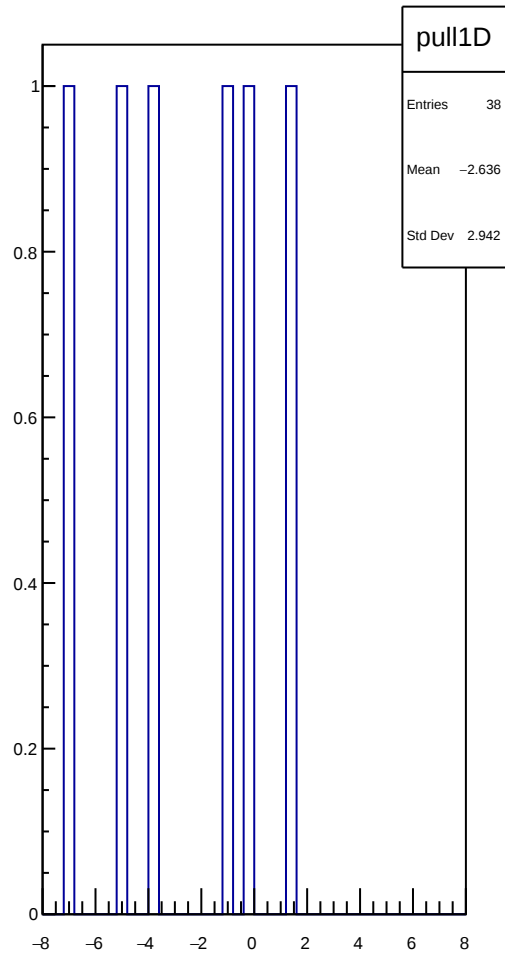
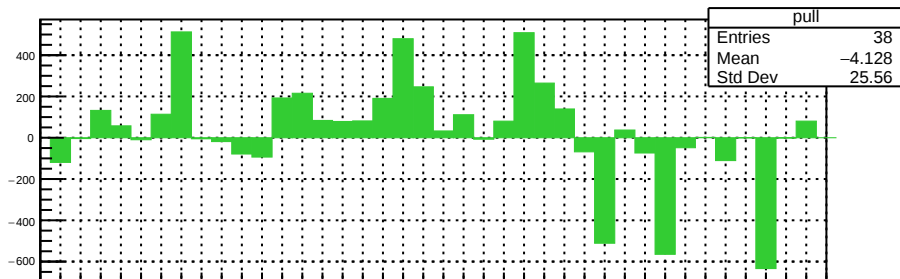
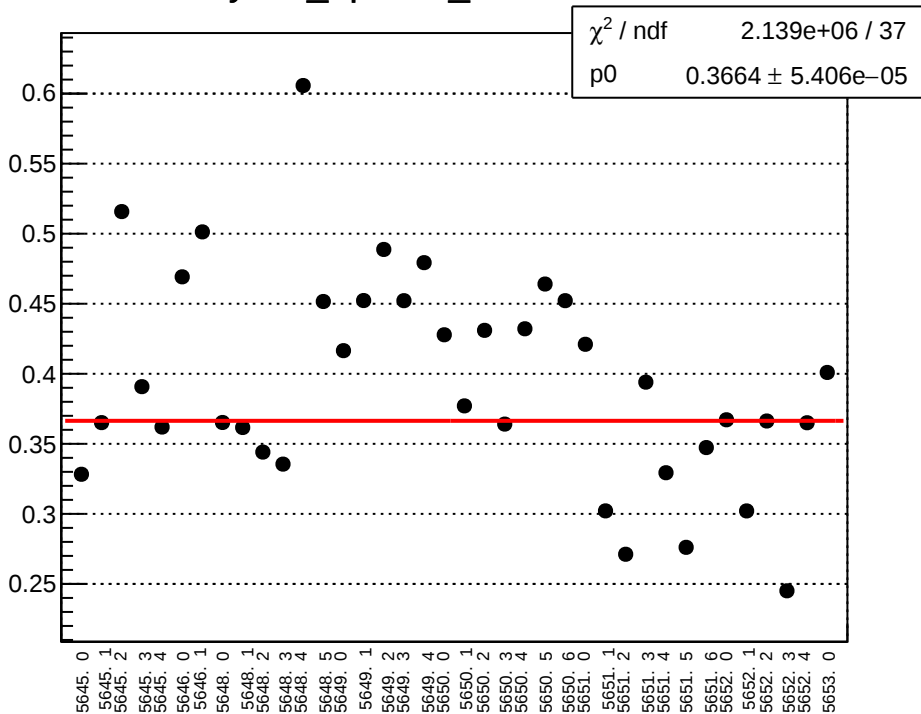
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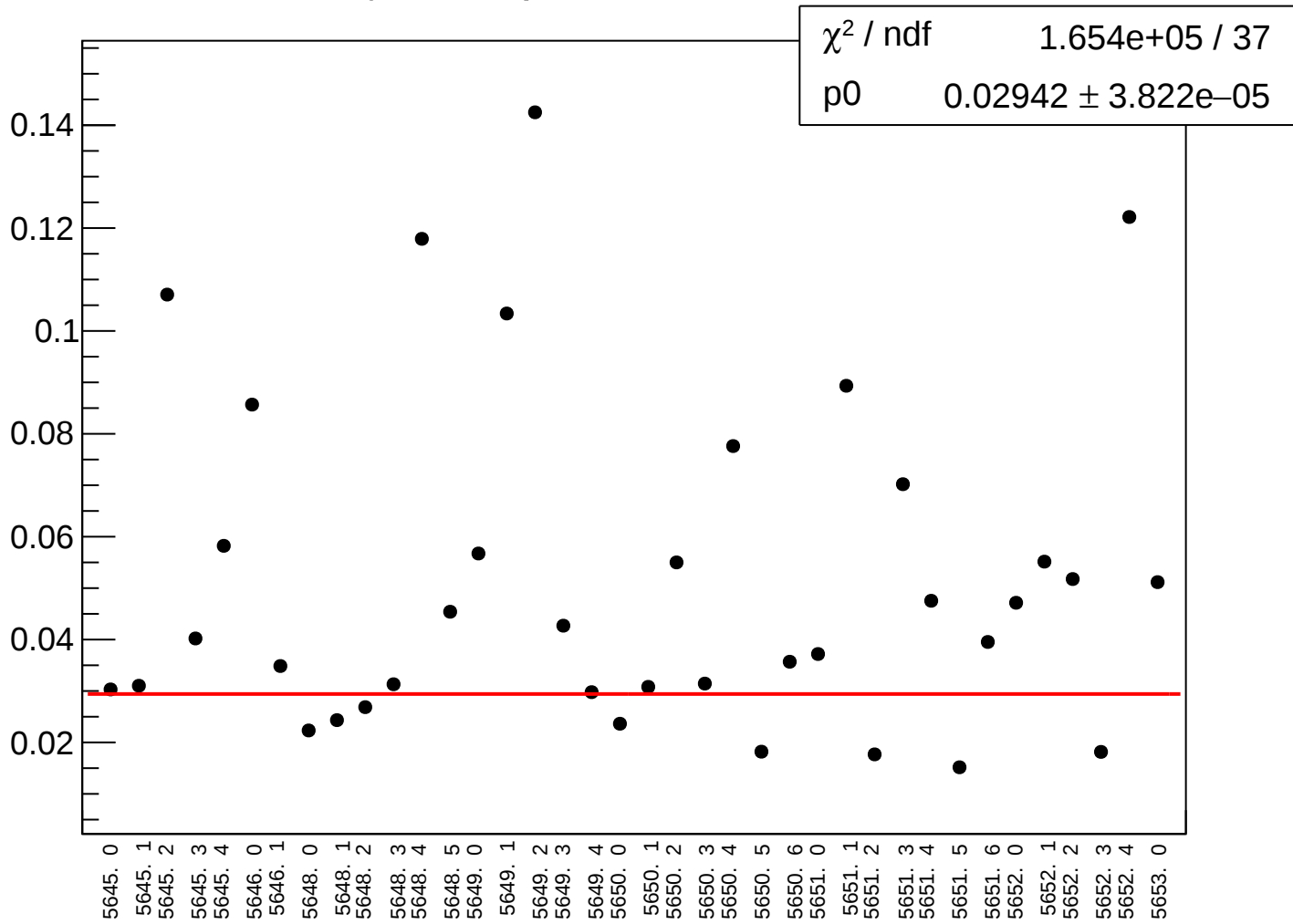
yield_bpm1X_rms vs run



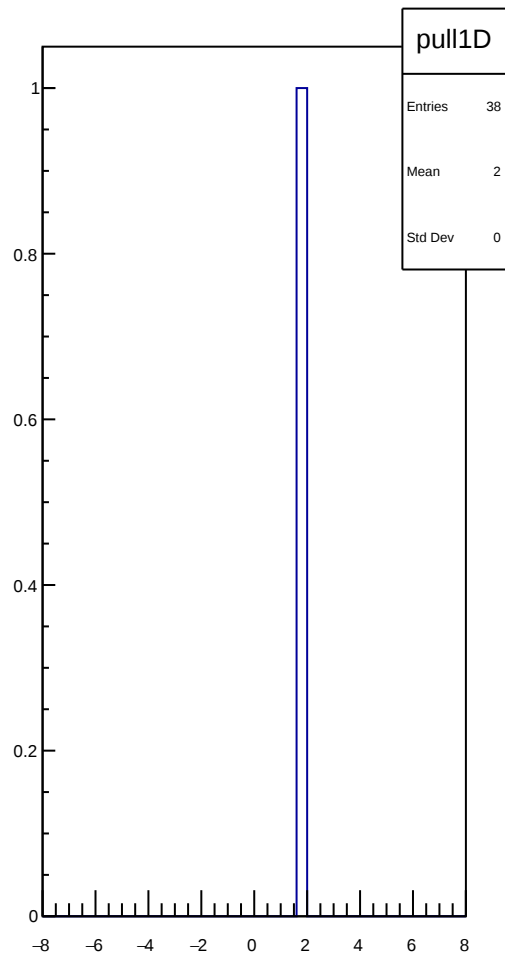
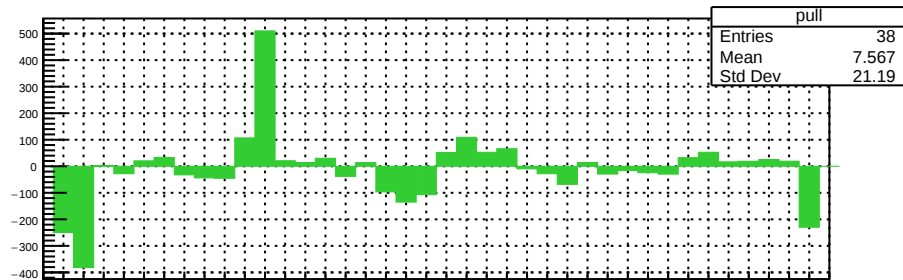
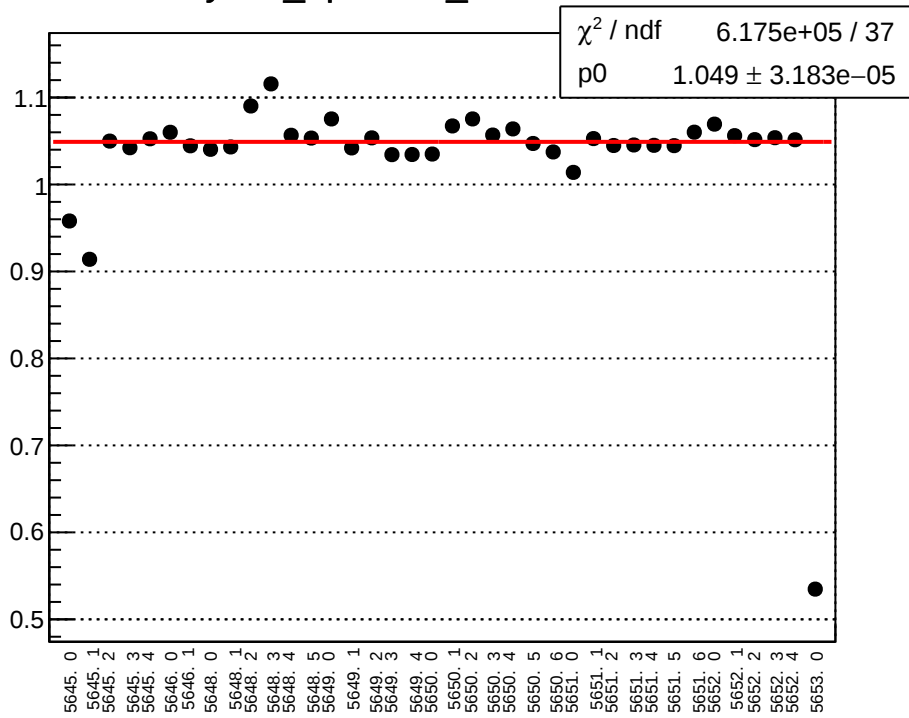
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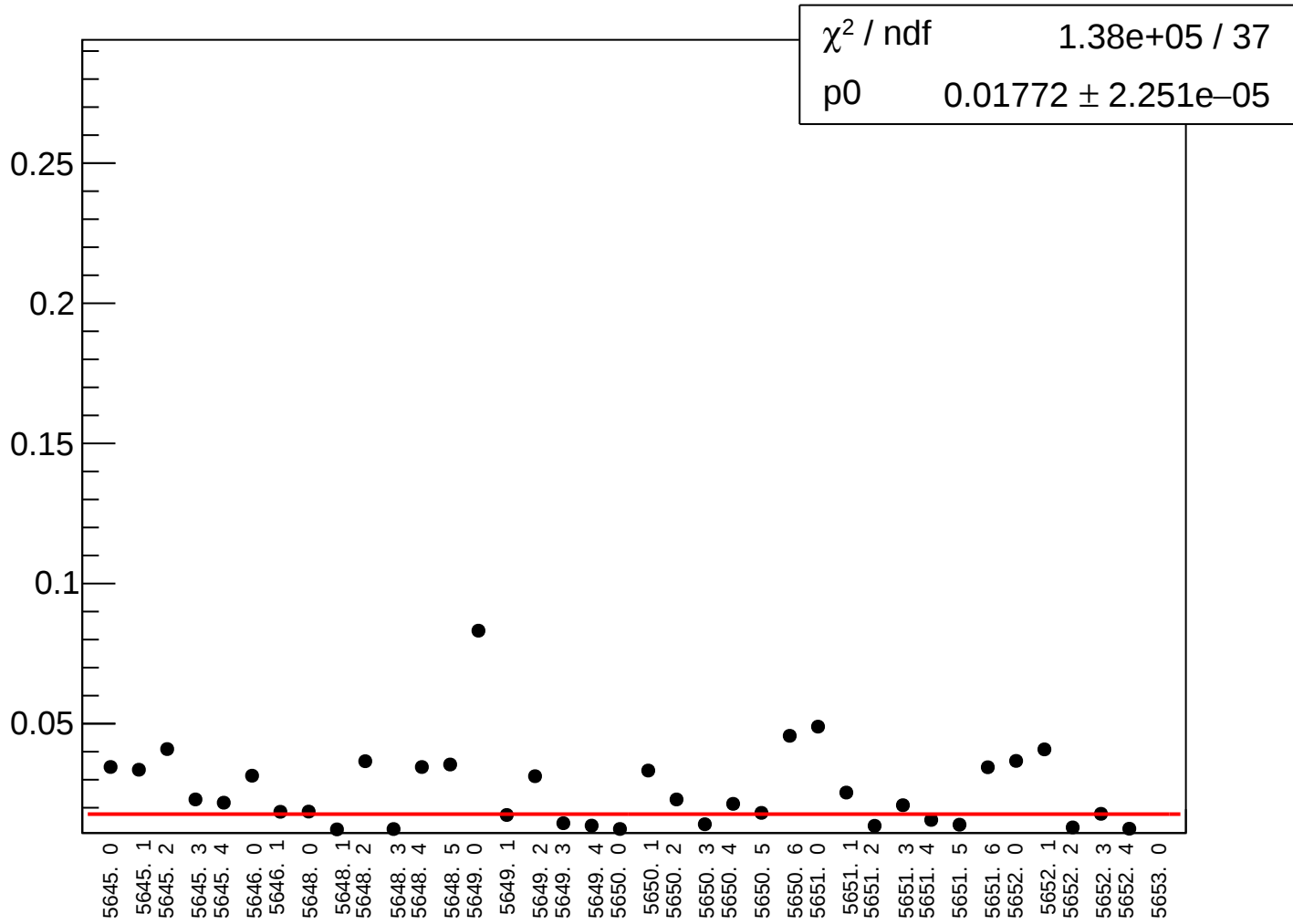
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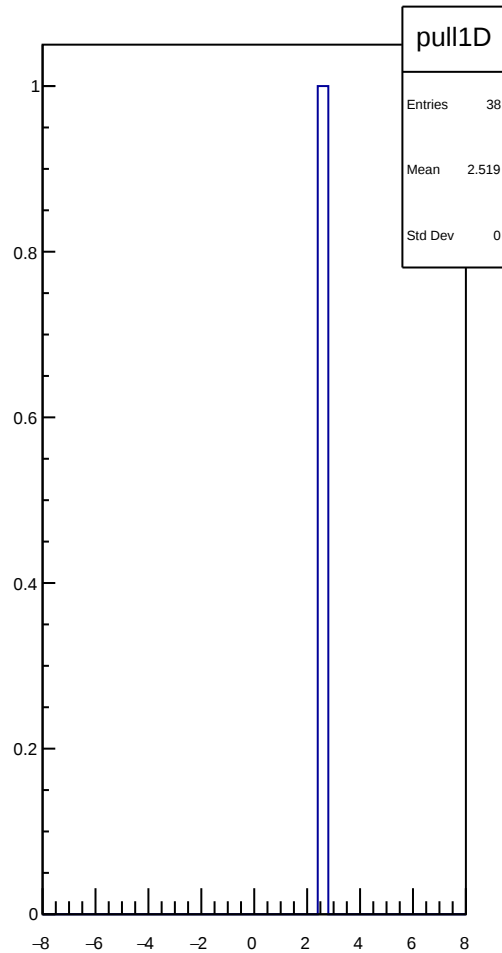
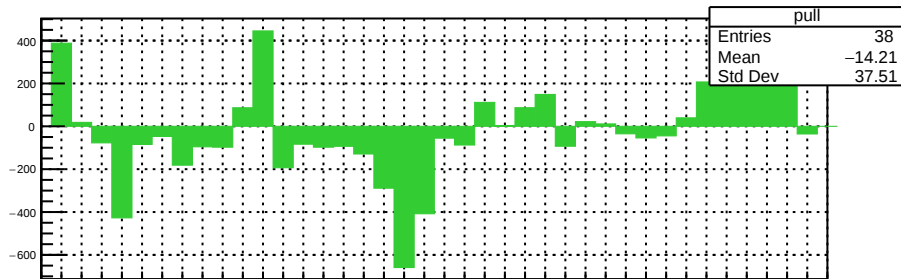
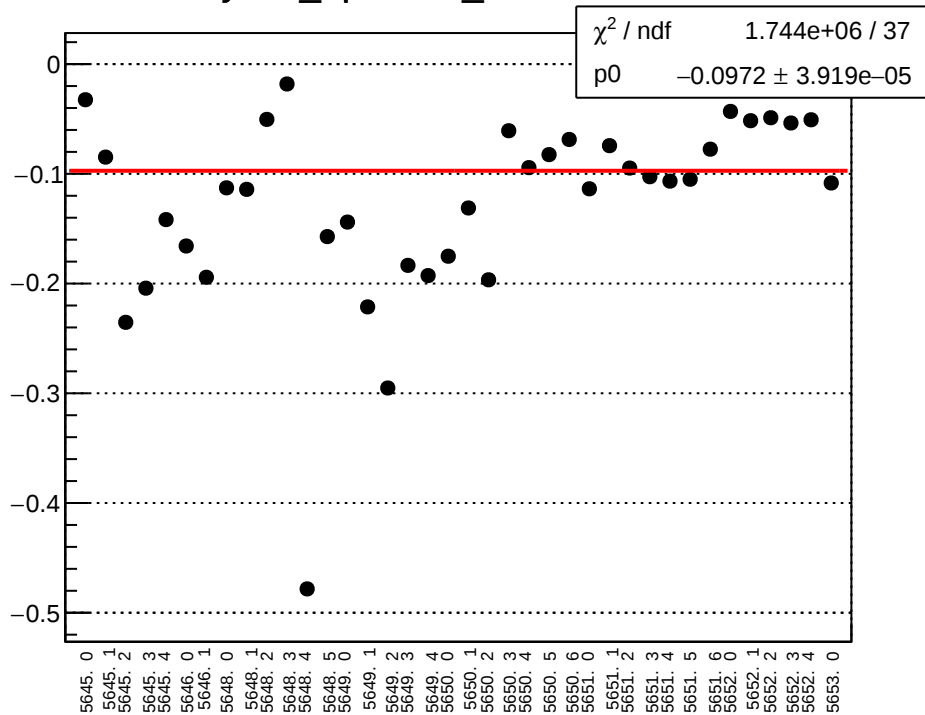
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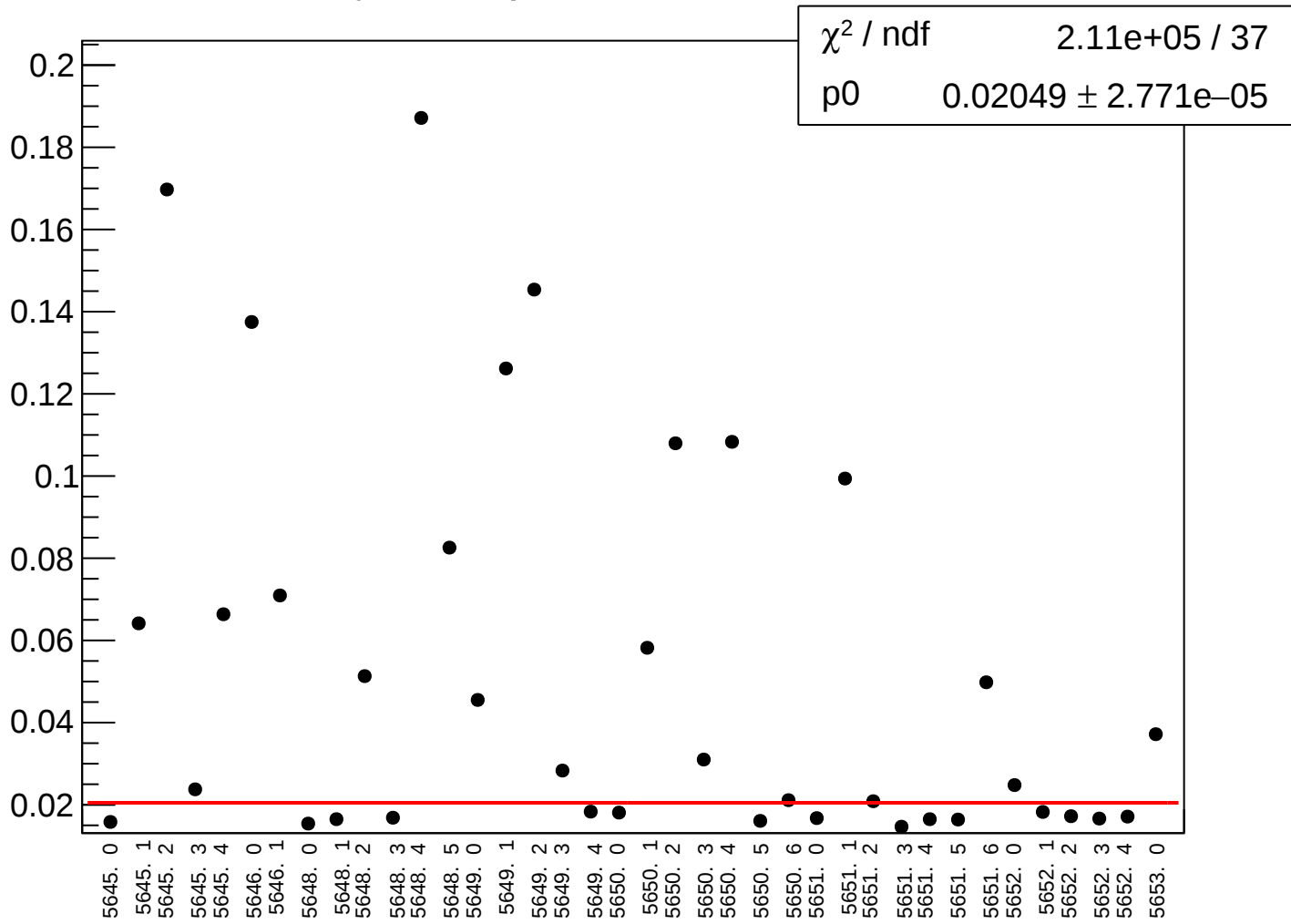
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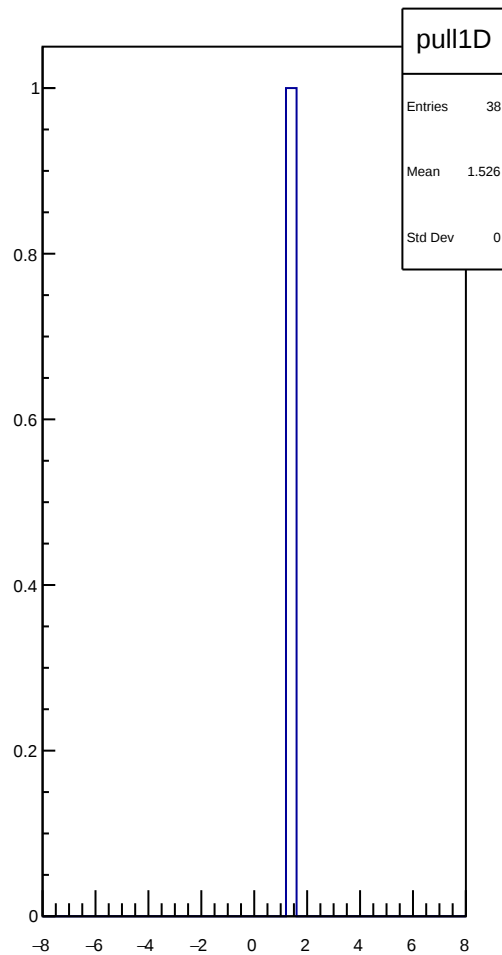
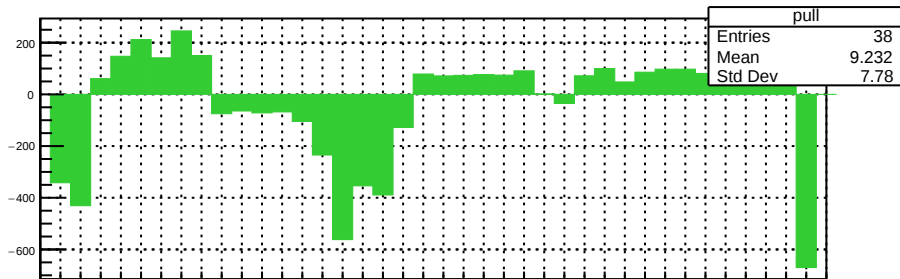
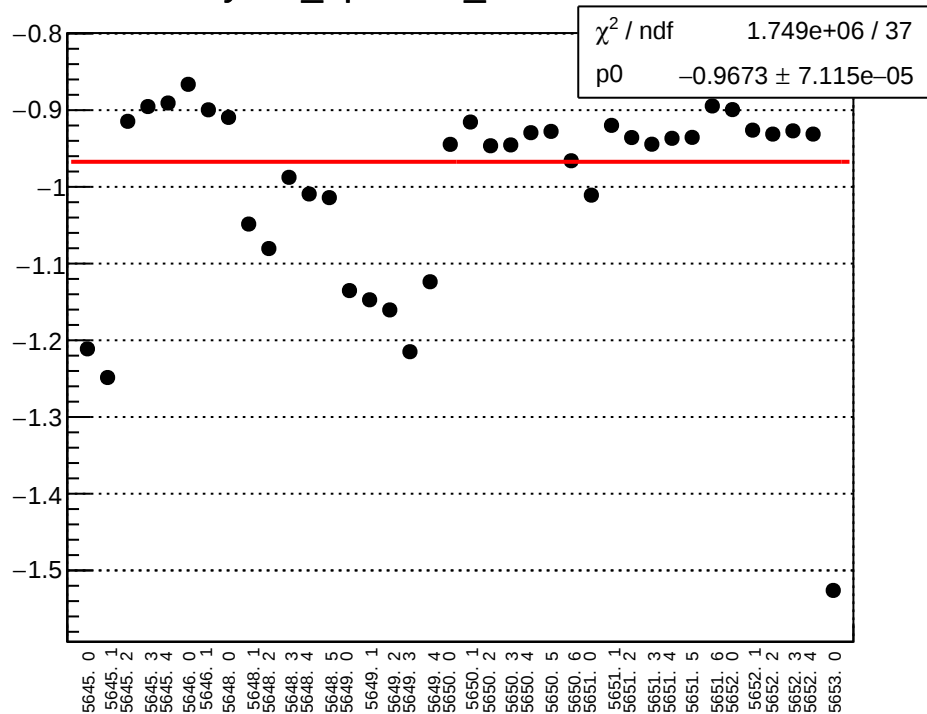
yield_bpm11Y_mean vs run



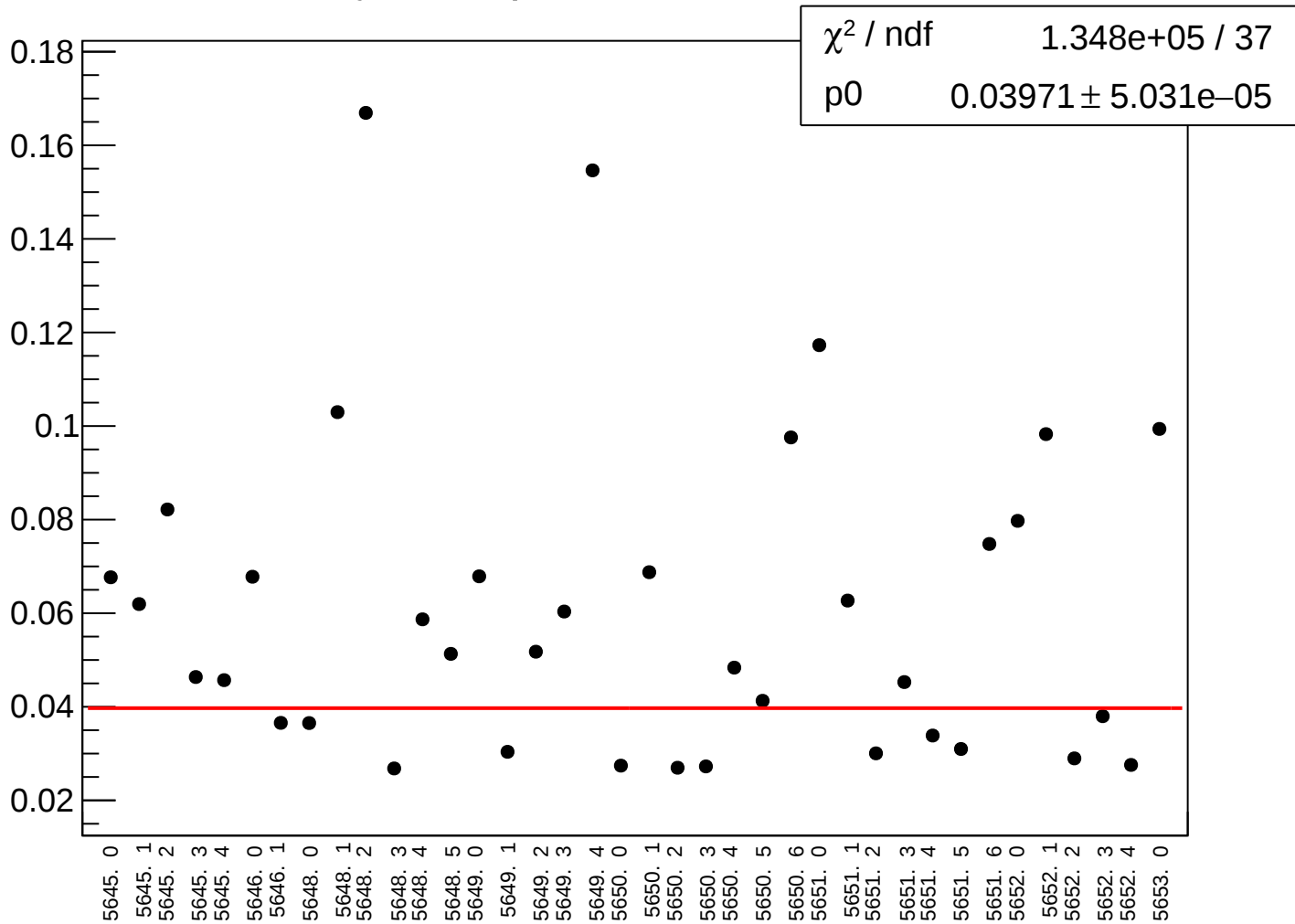
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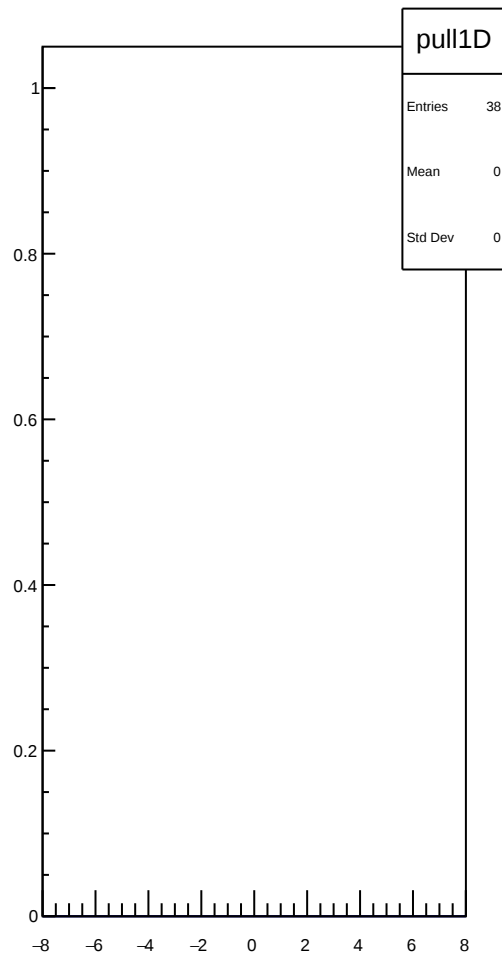
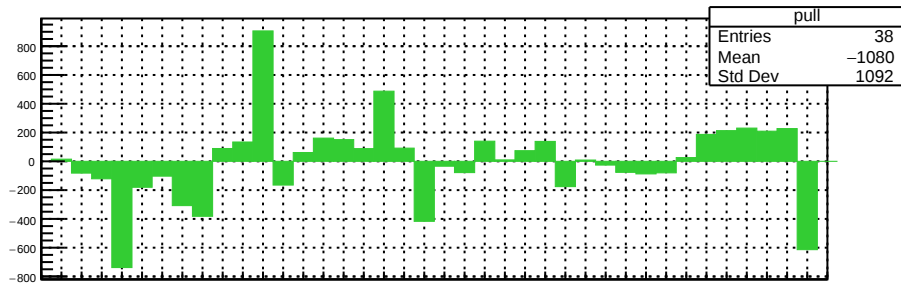
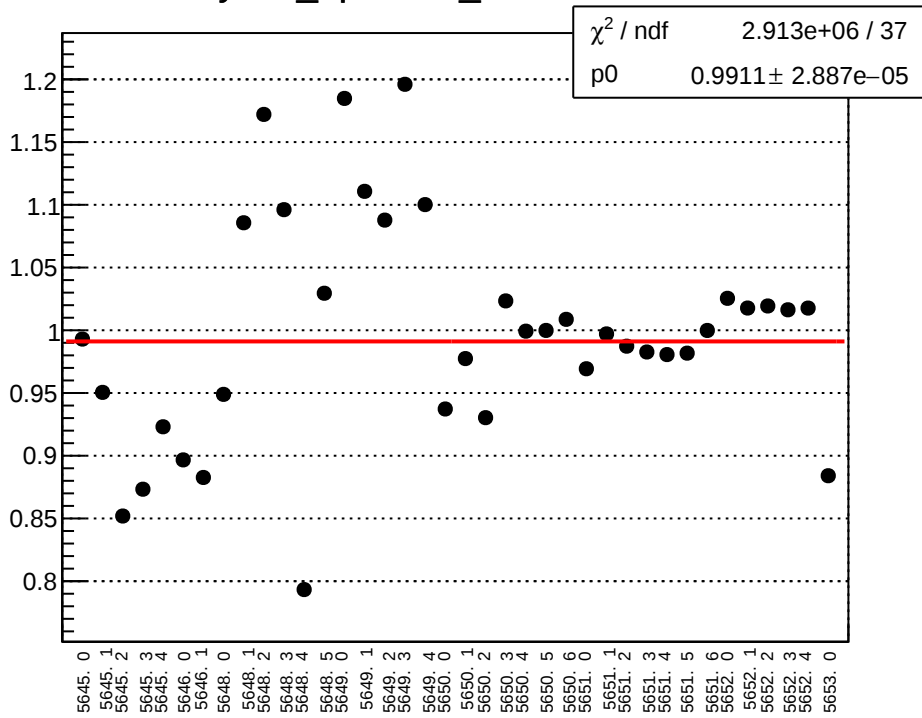
yield_bpm12X_mean vs run



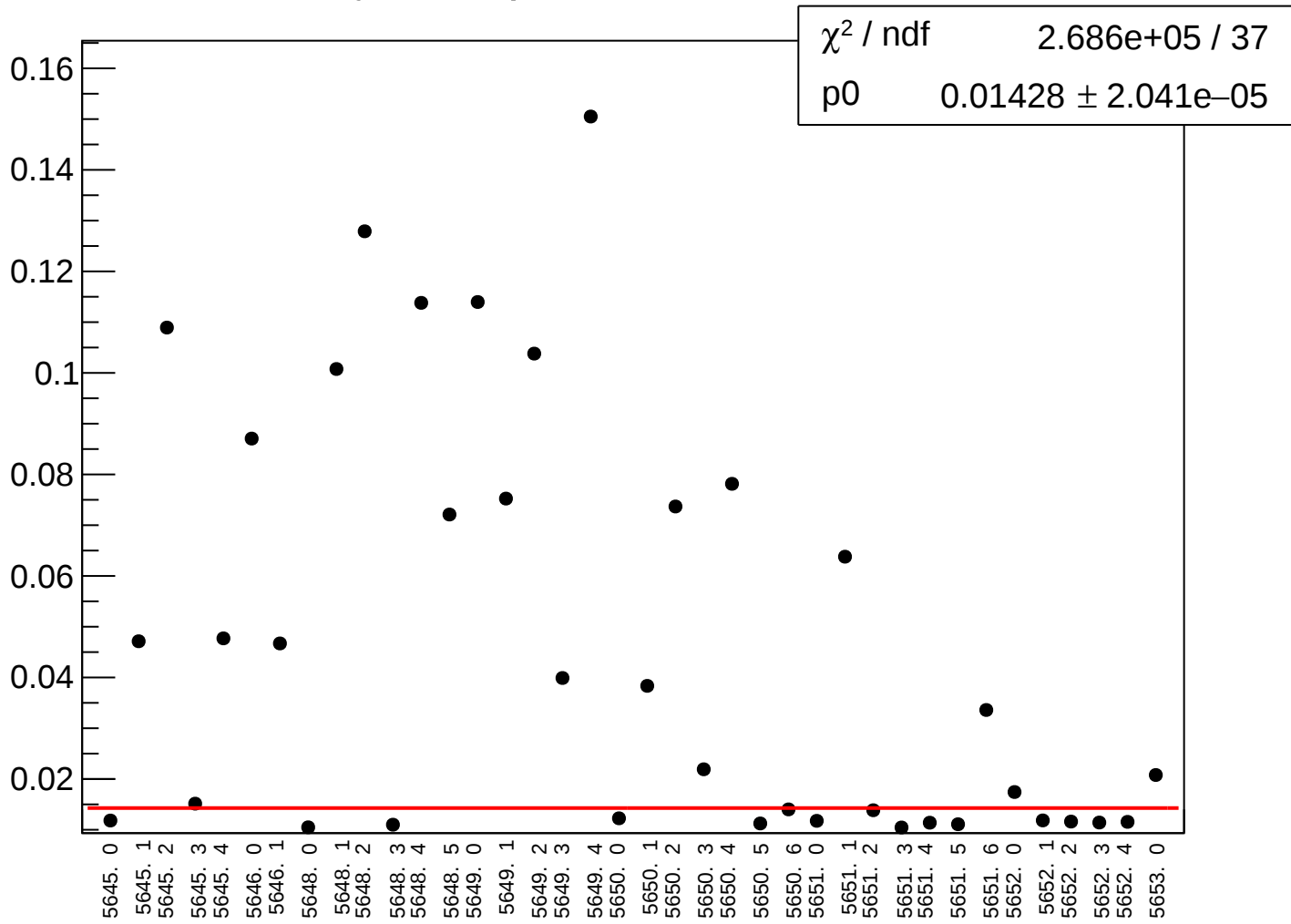
yield_bpm12X_rms vs run



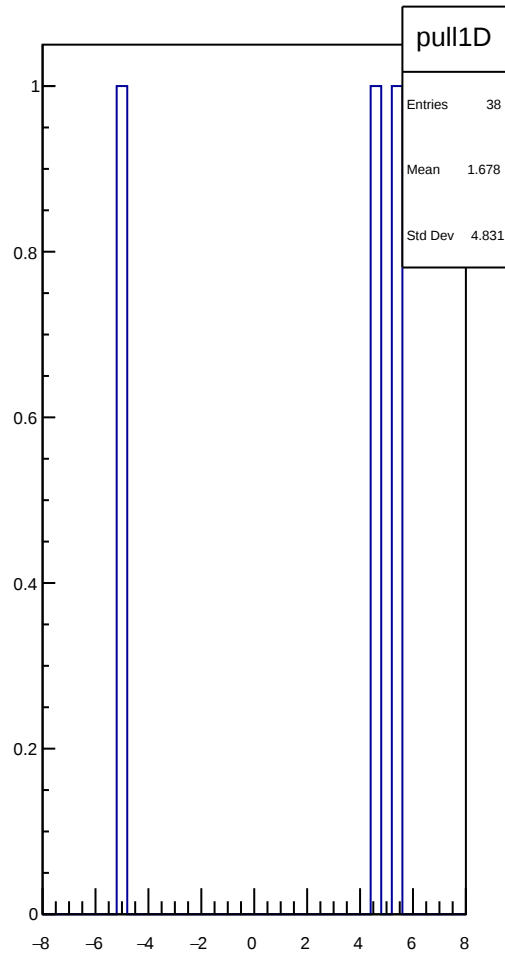
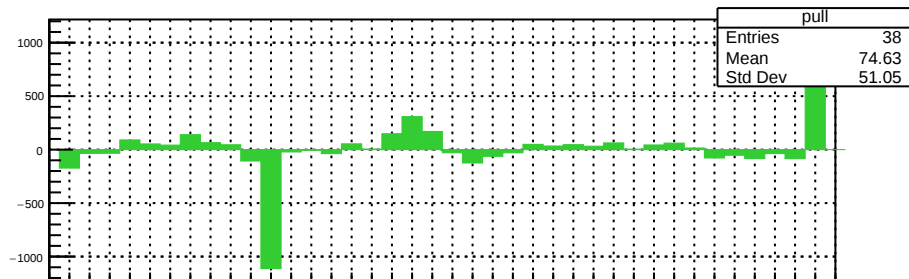
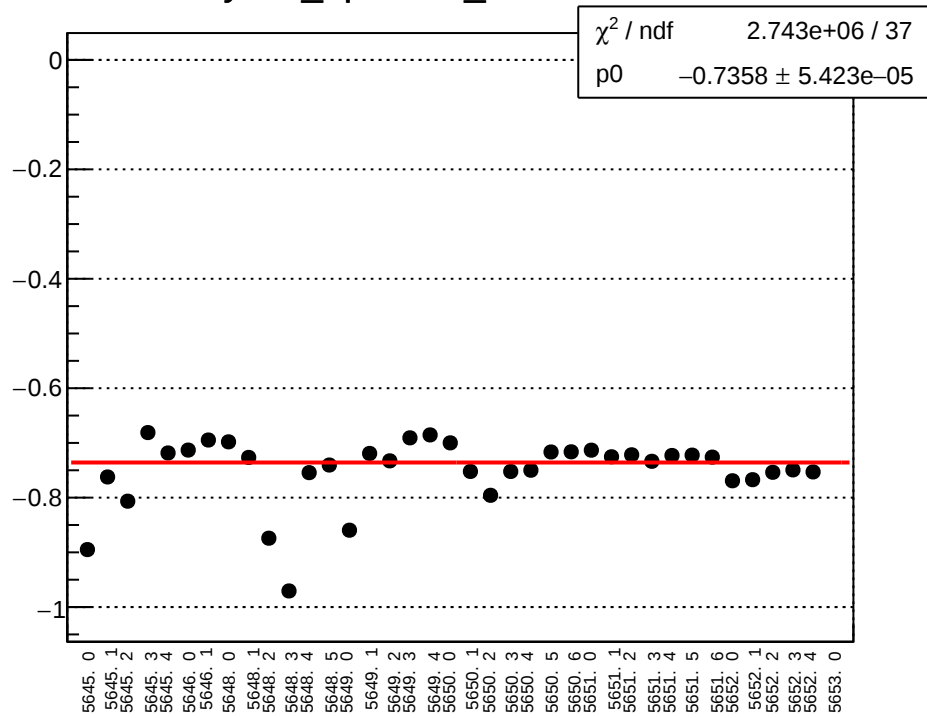
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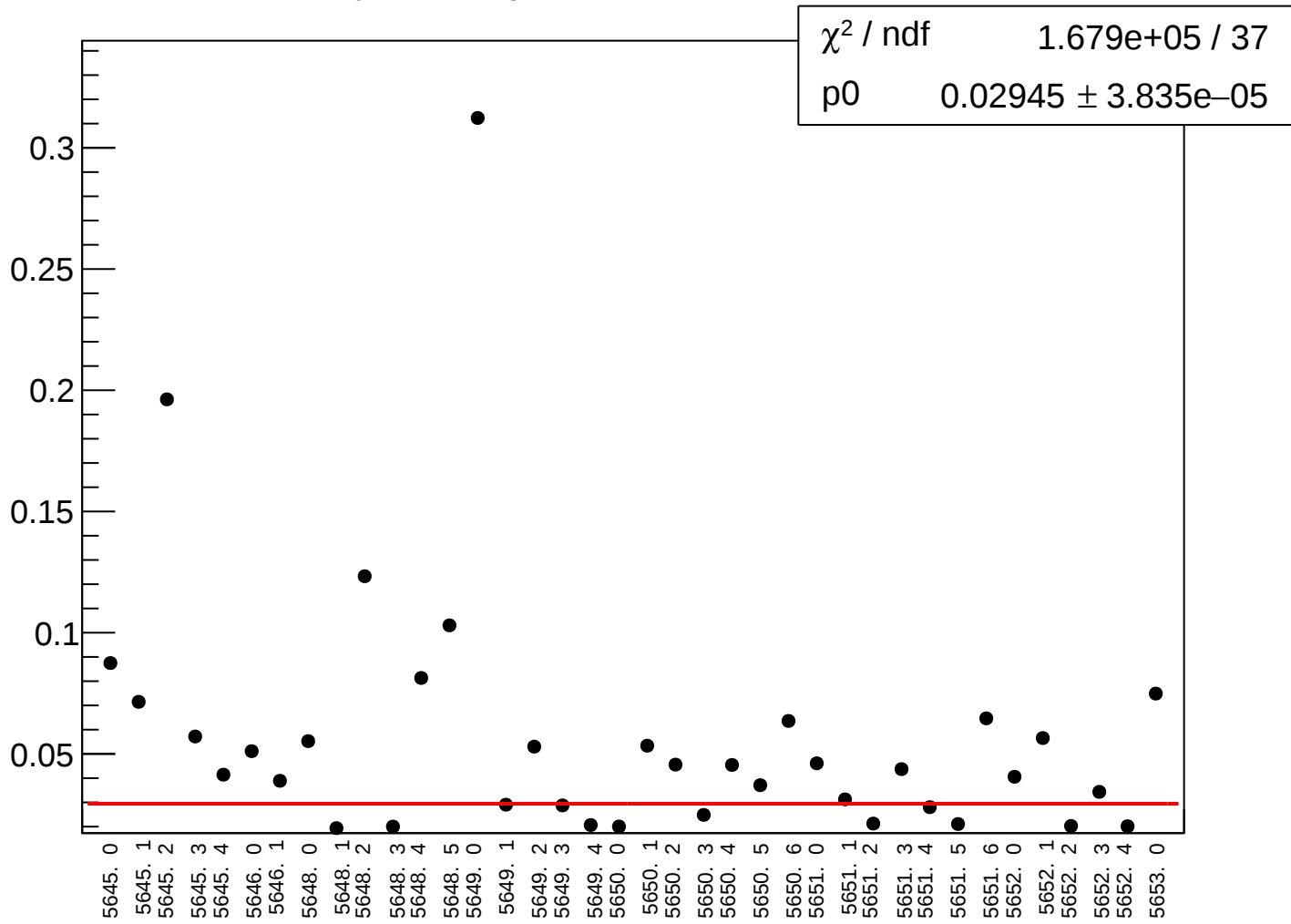
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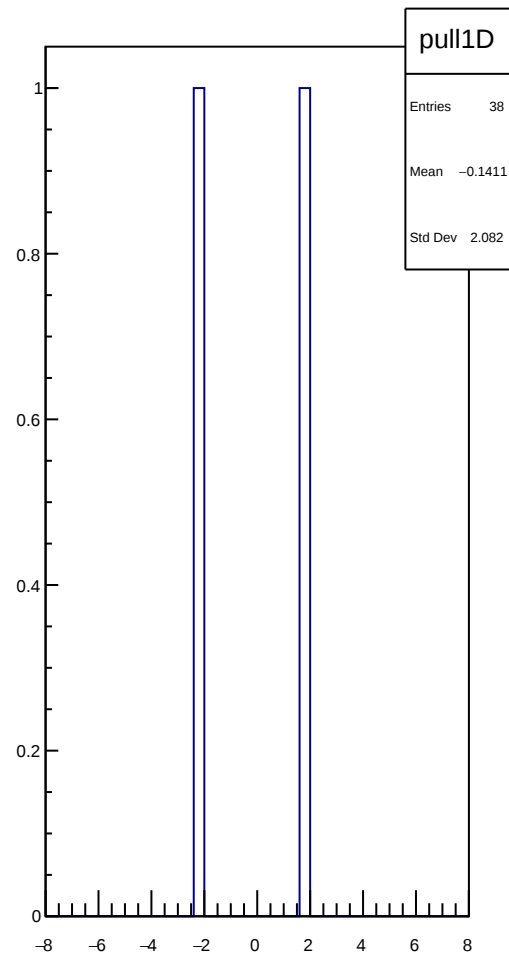
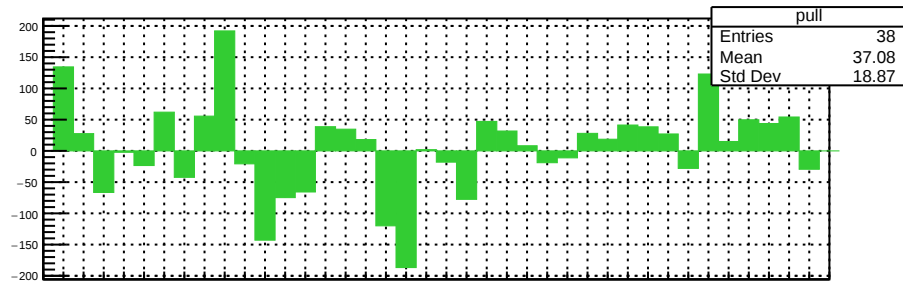
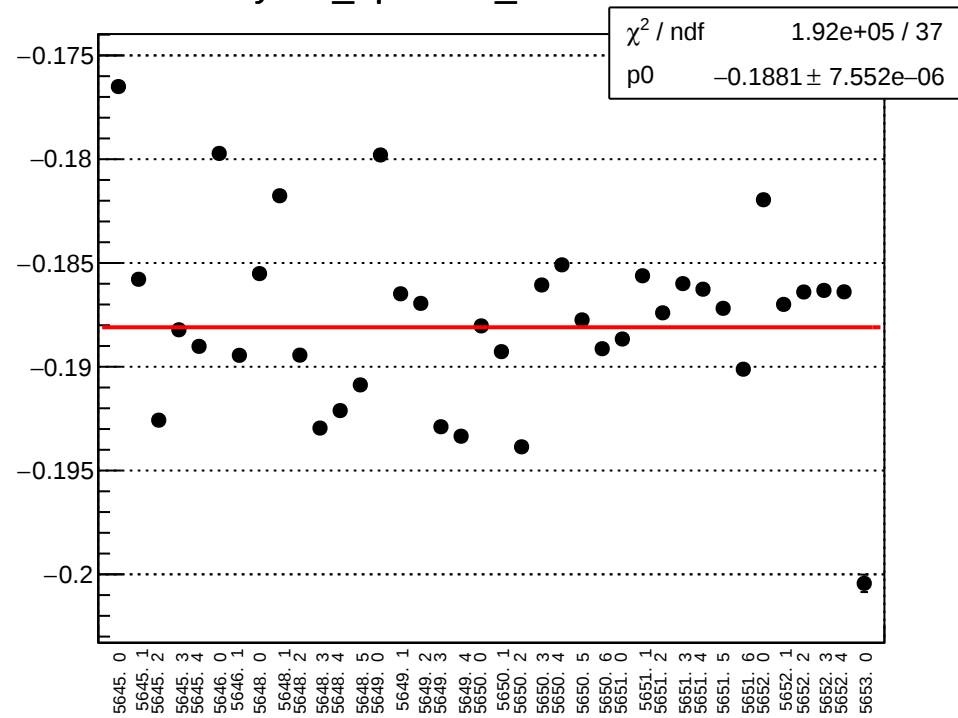
yield_bpm16X_mean vs run



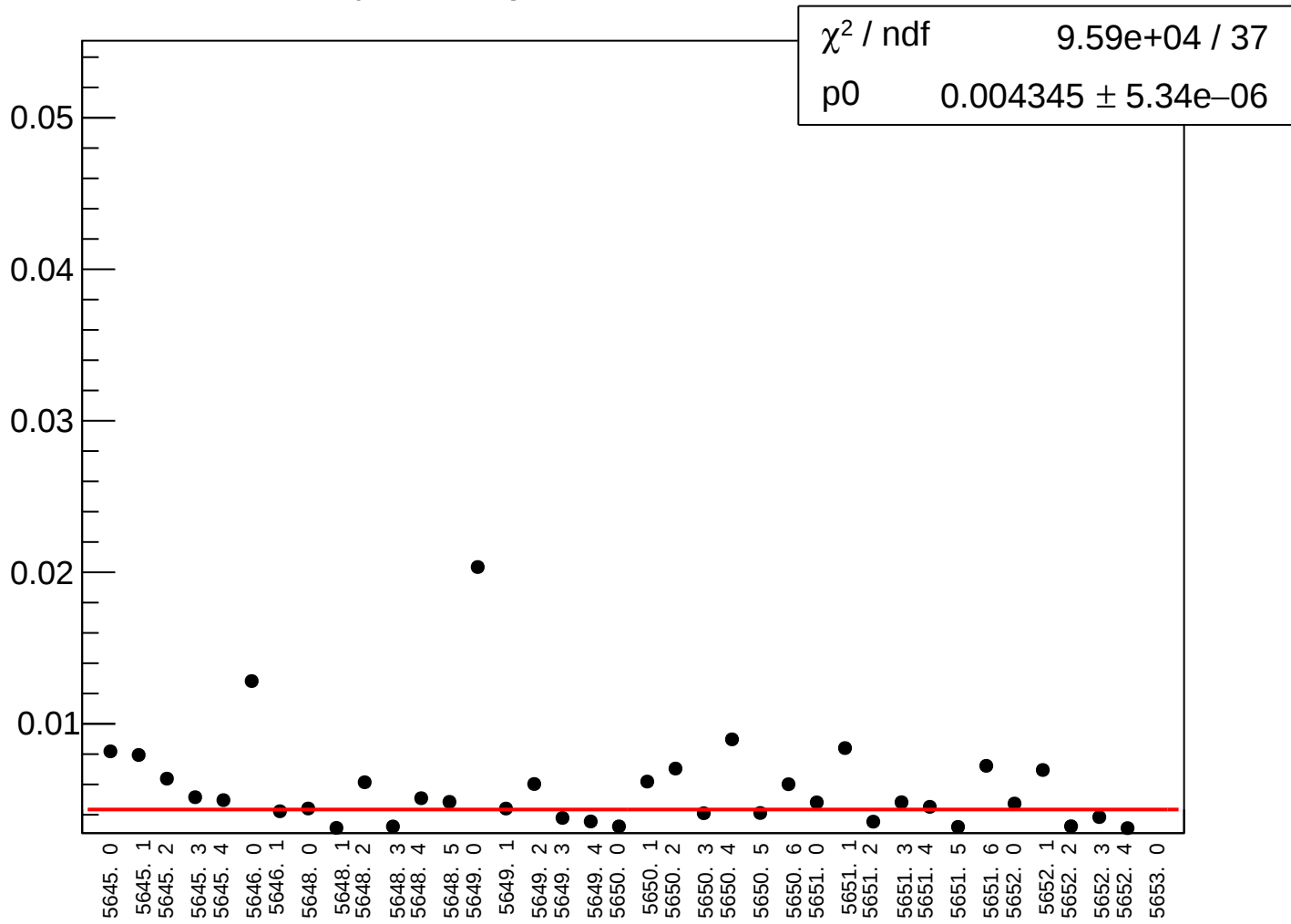
yield_bpm16X_rms vs run



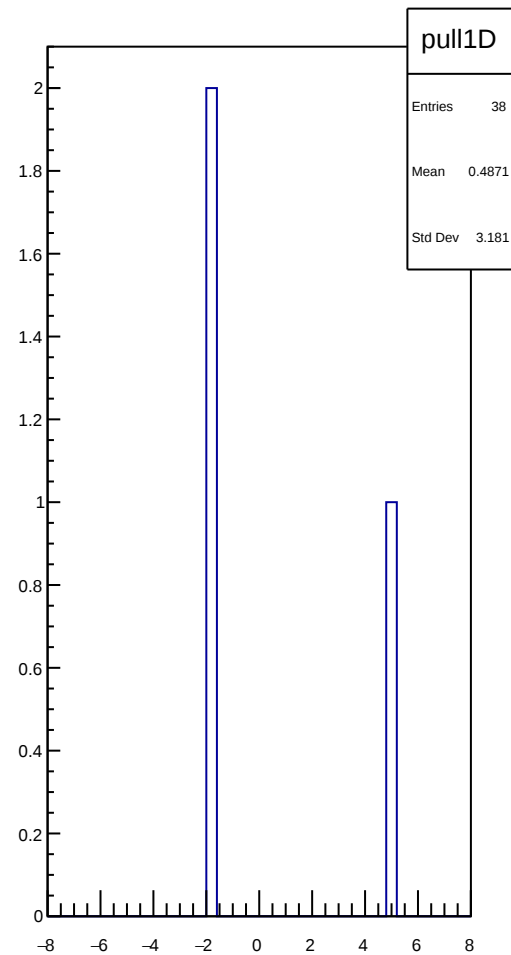
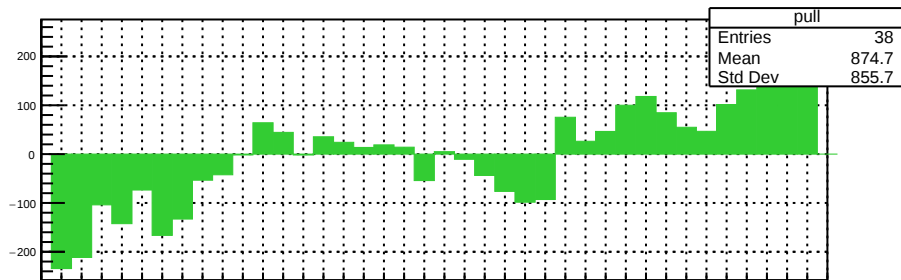
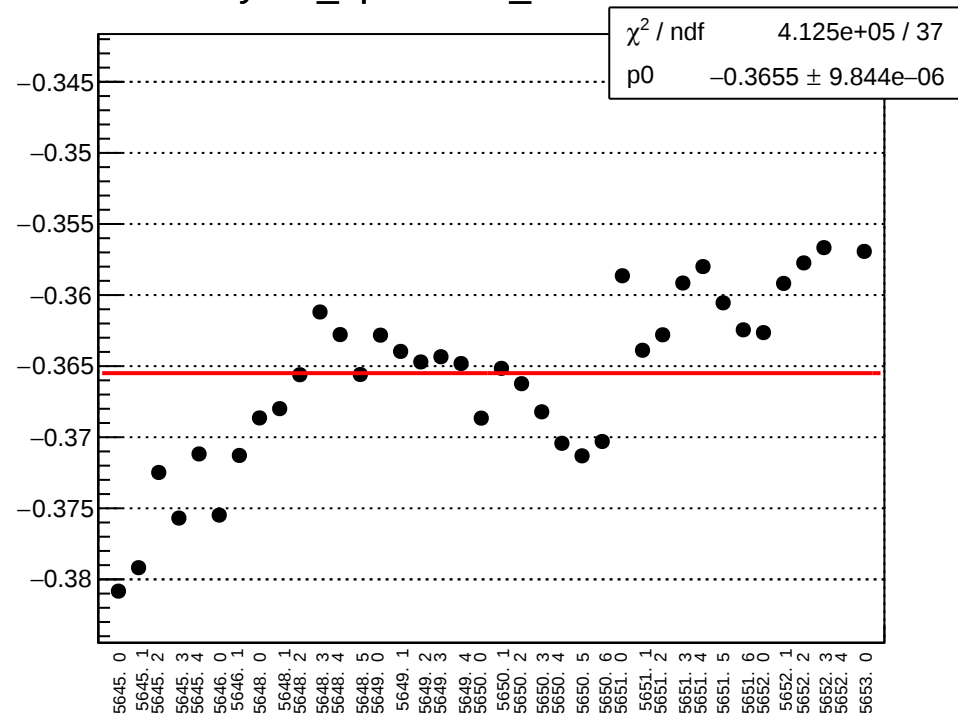
yield_bpm16Y_mean vs run



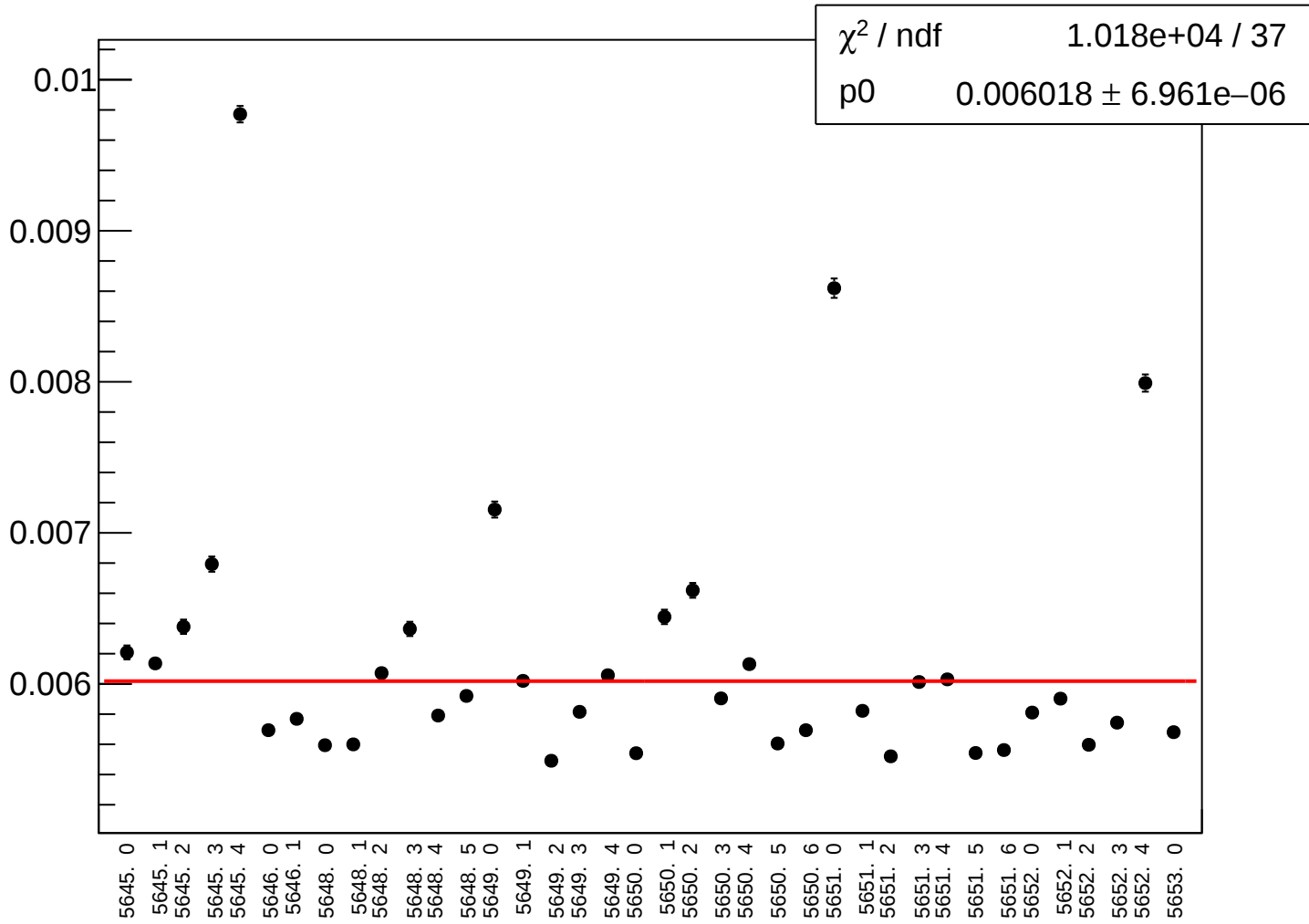
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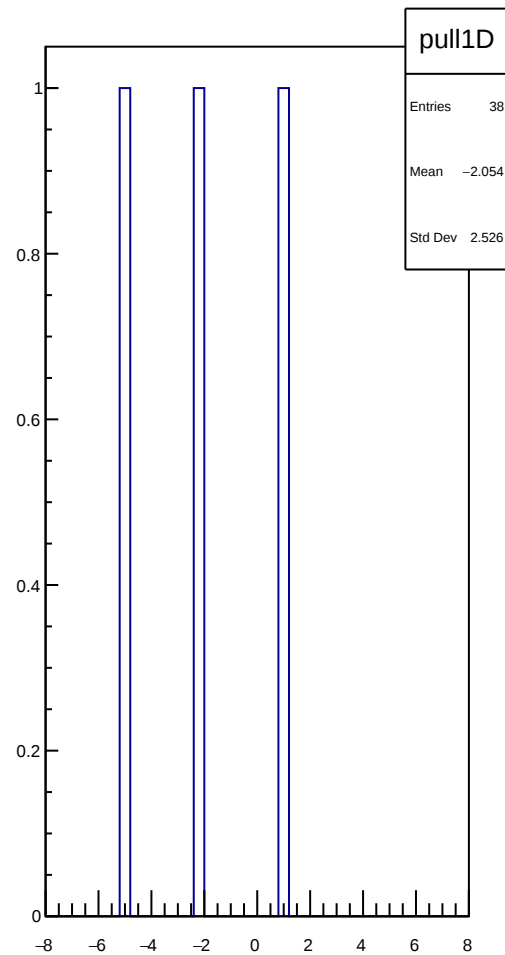
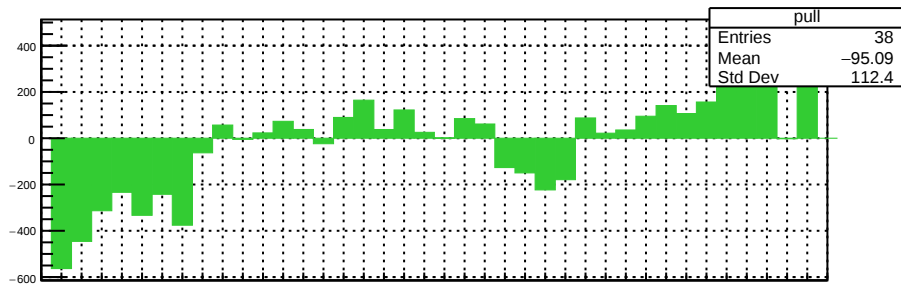
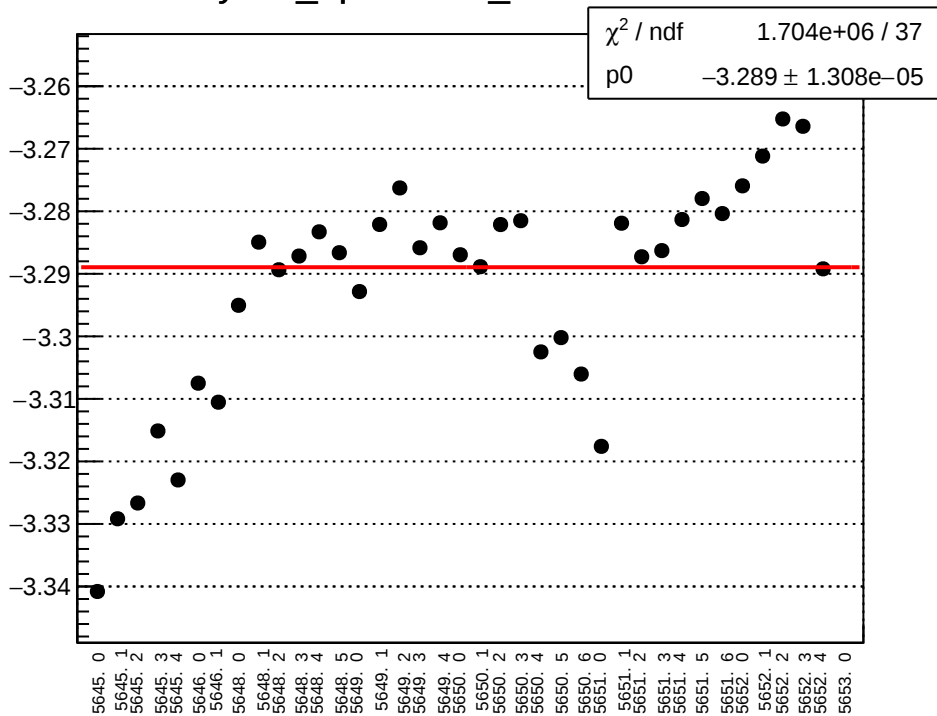
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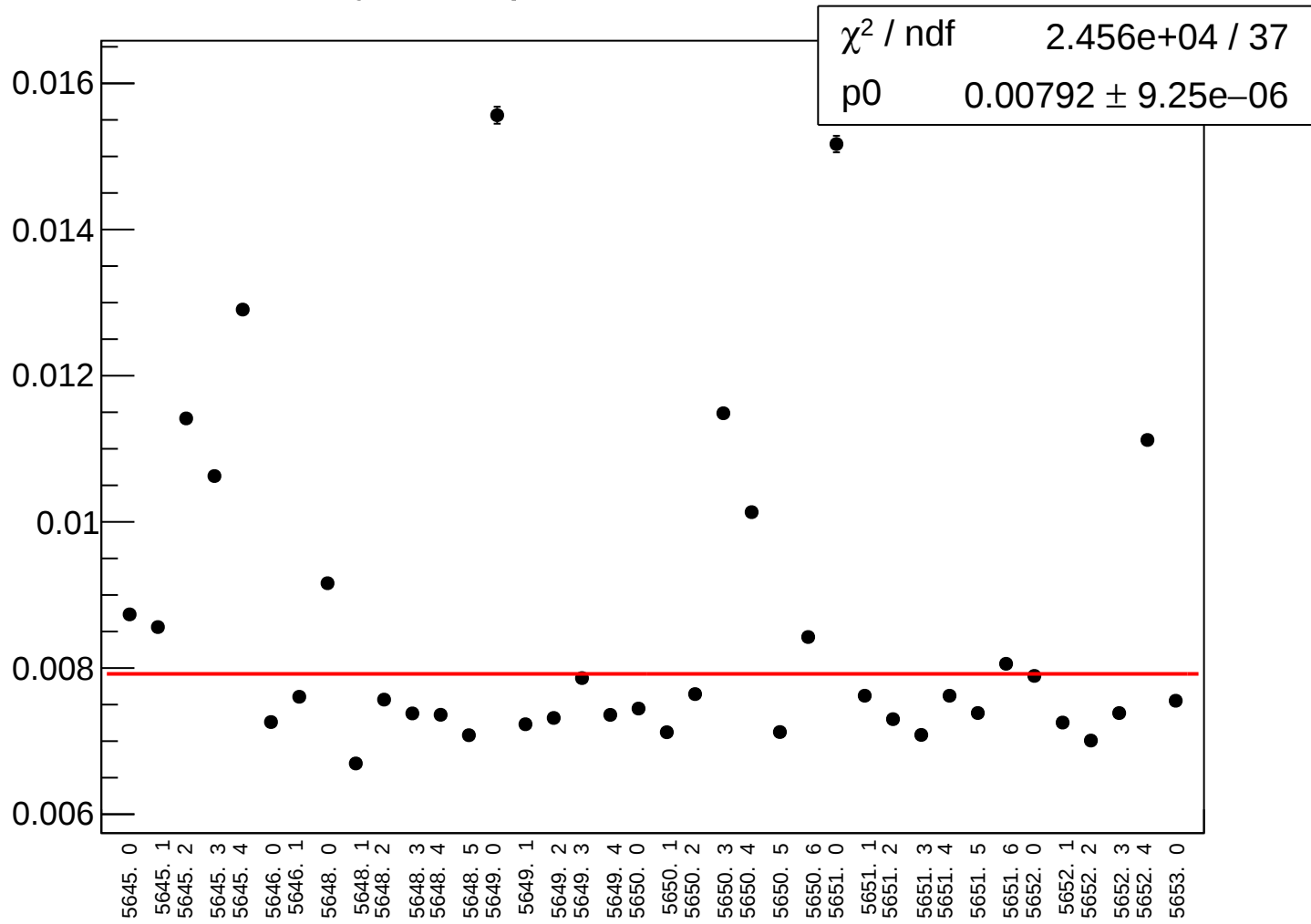
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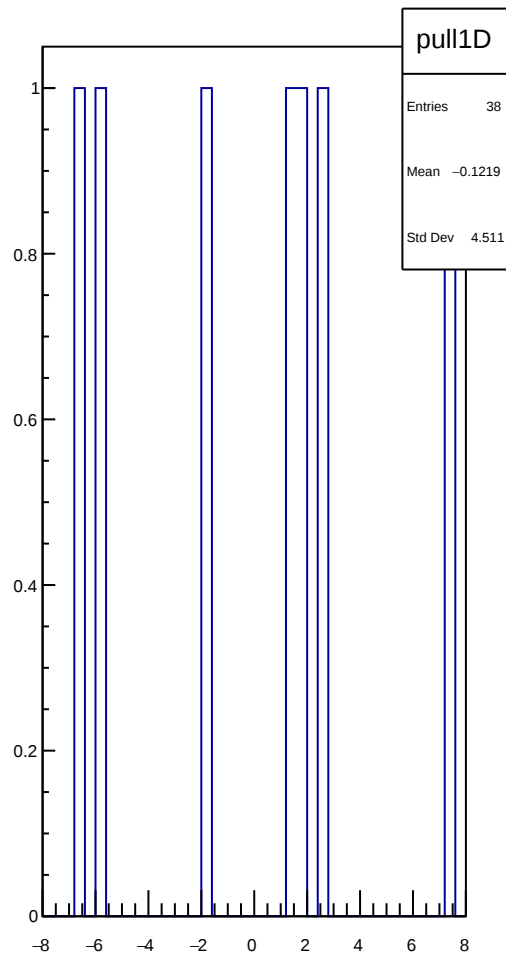
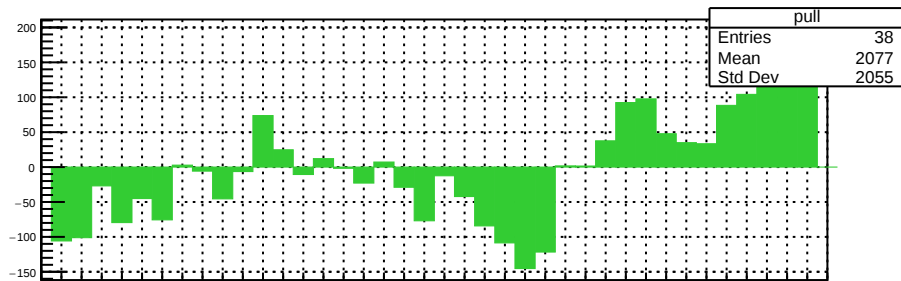
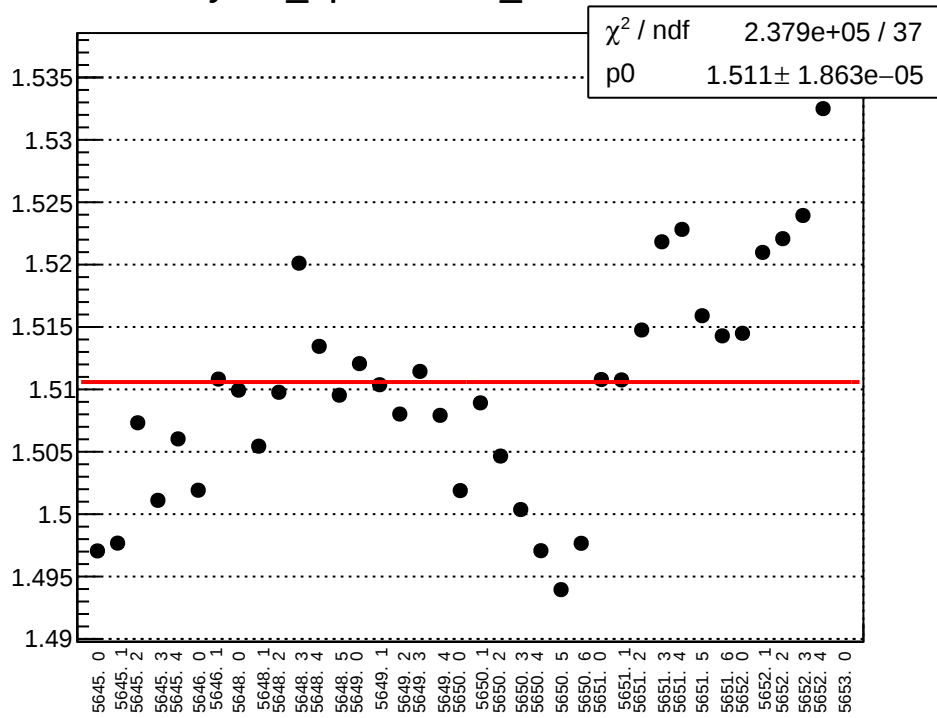
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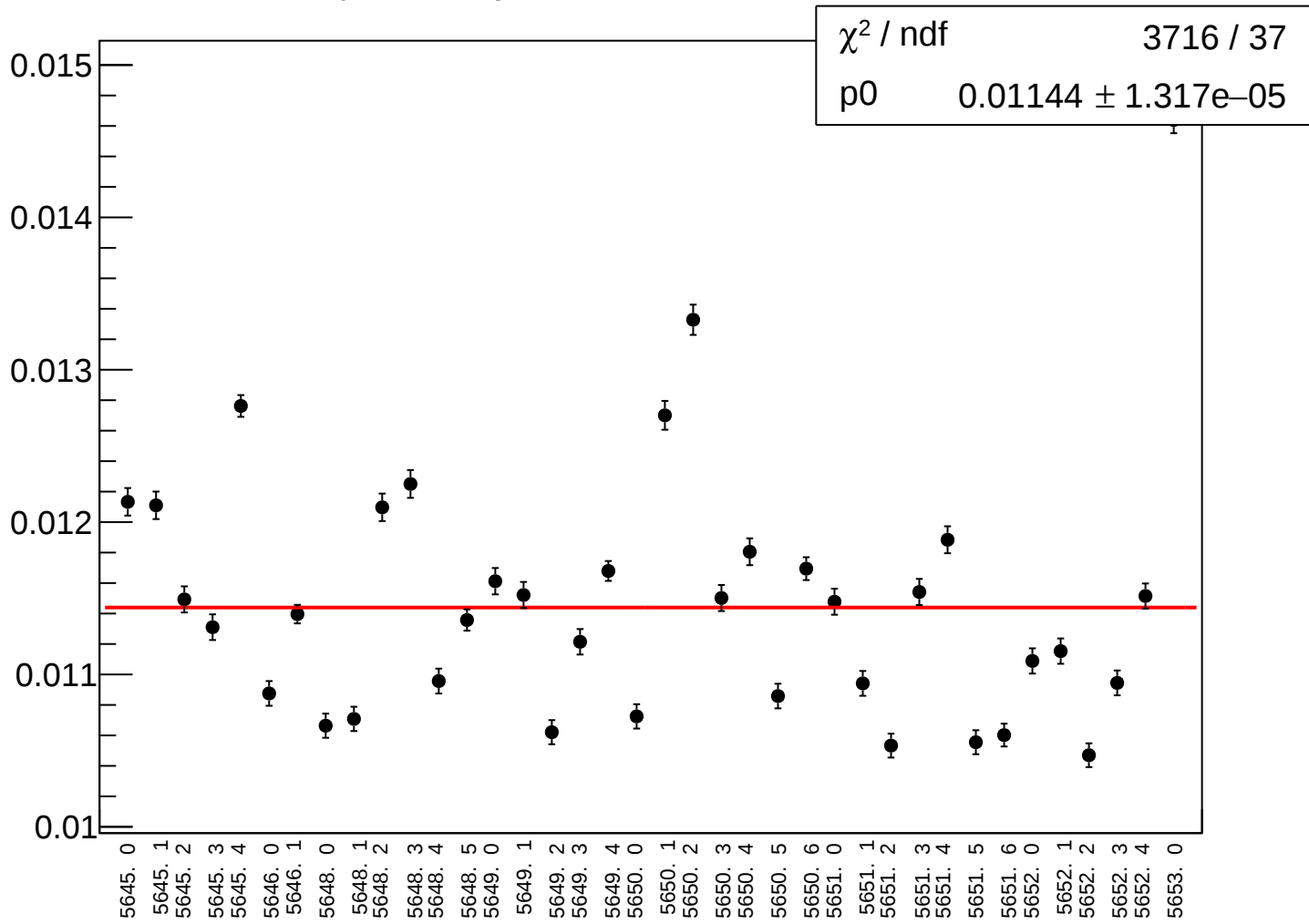
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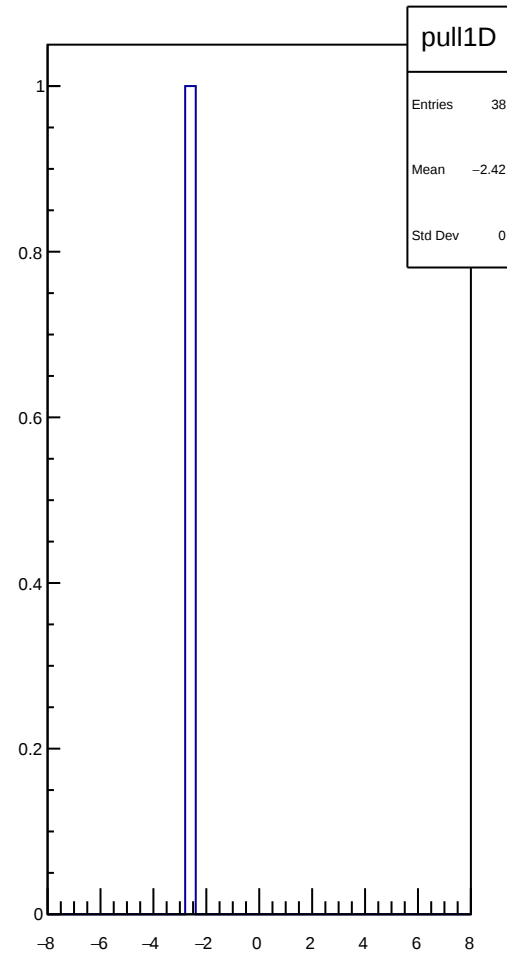
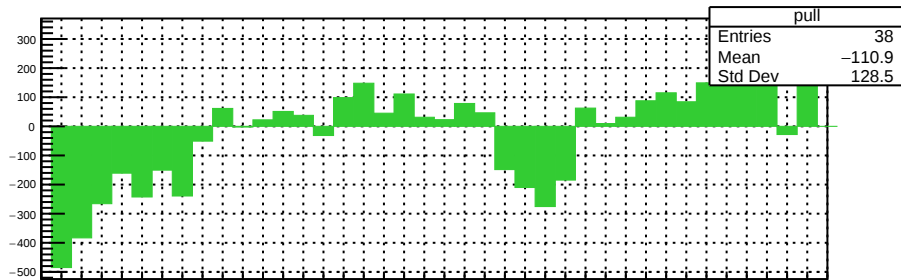
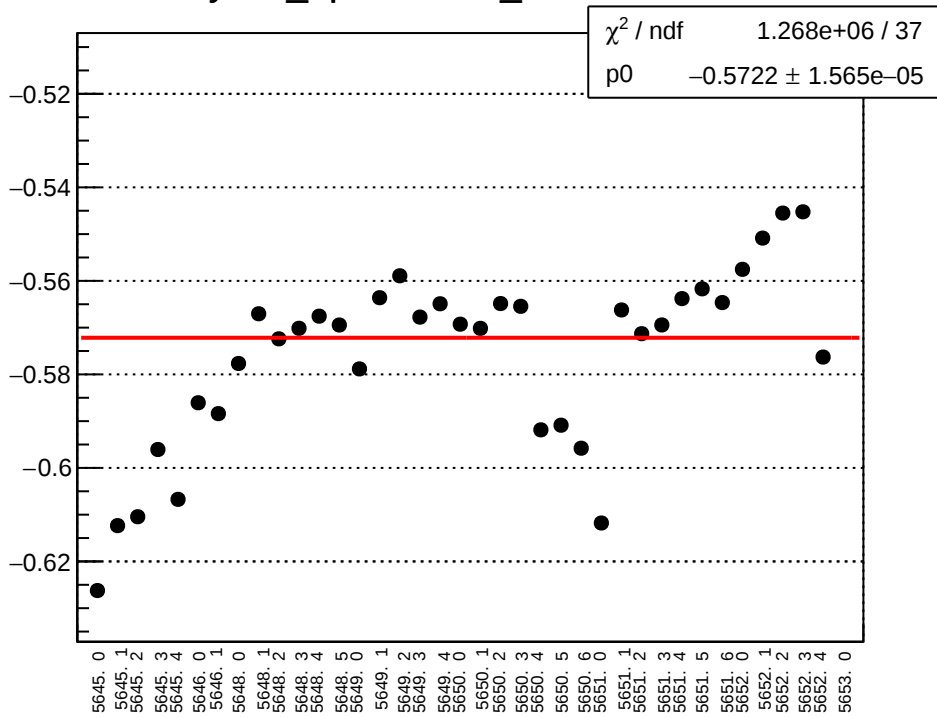
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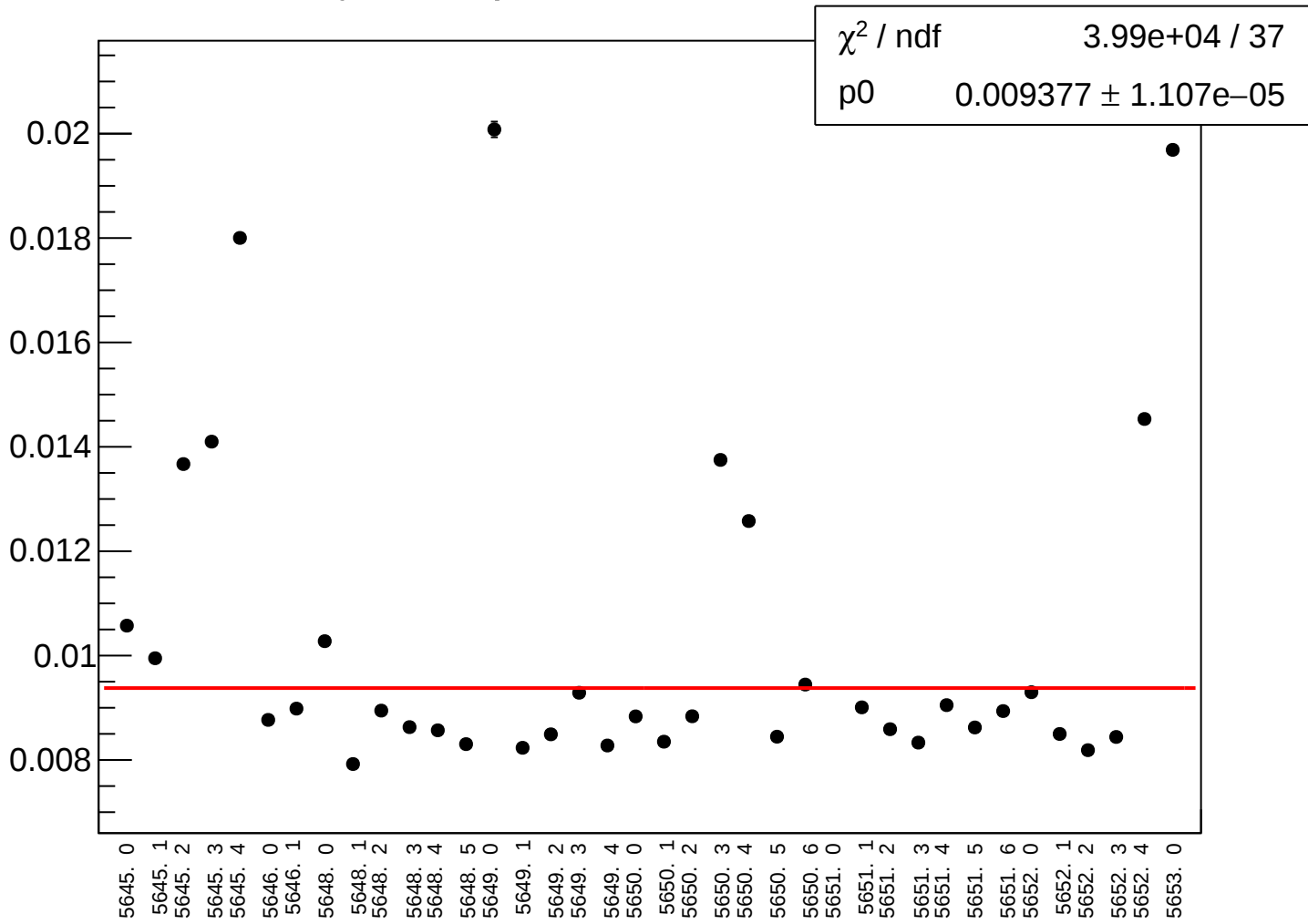
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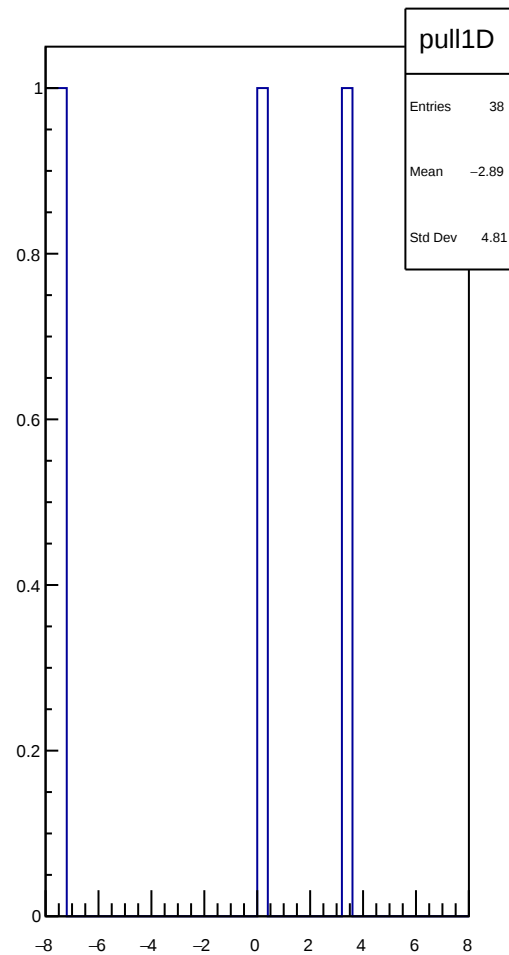
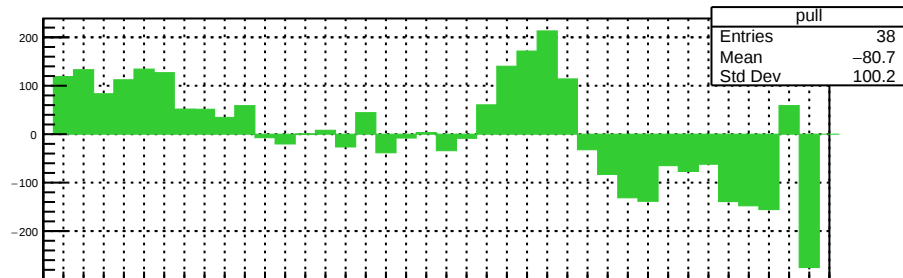
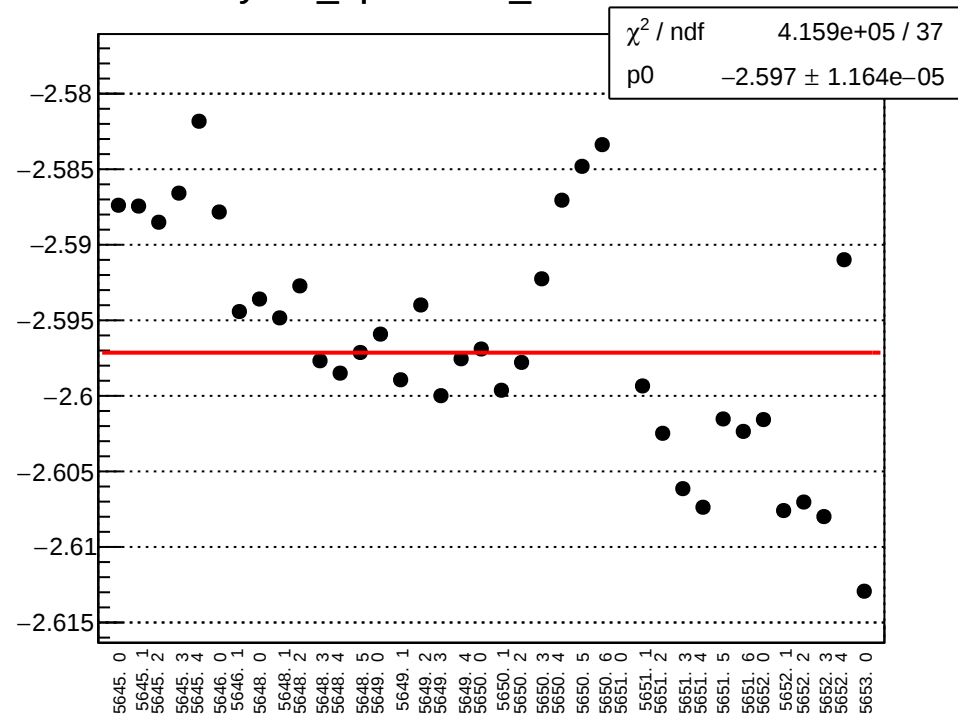
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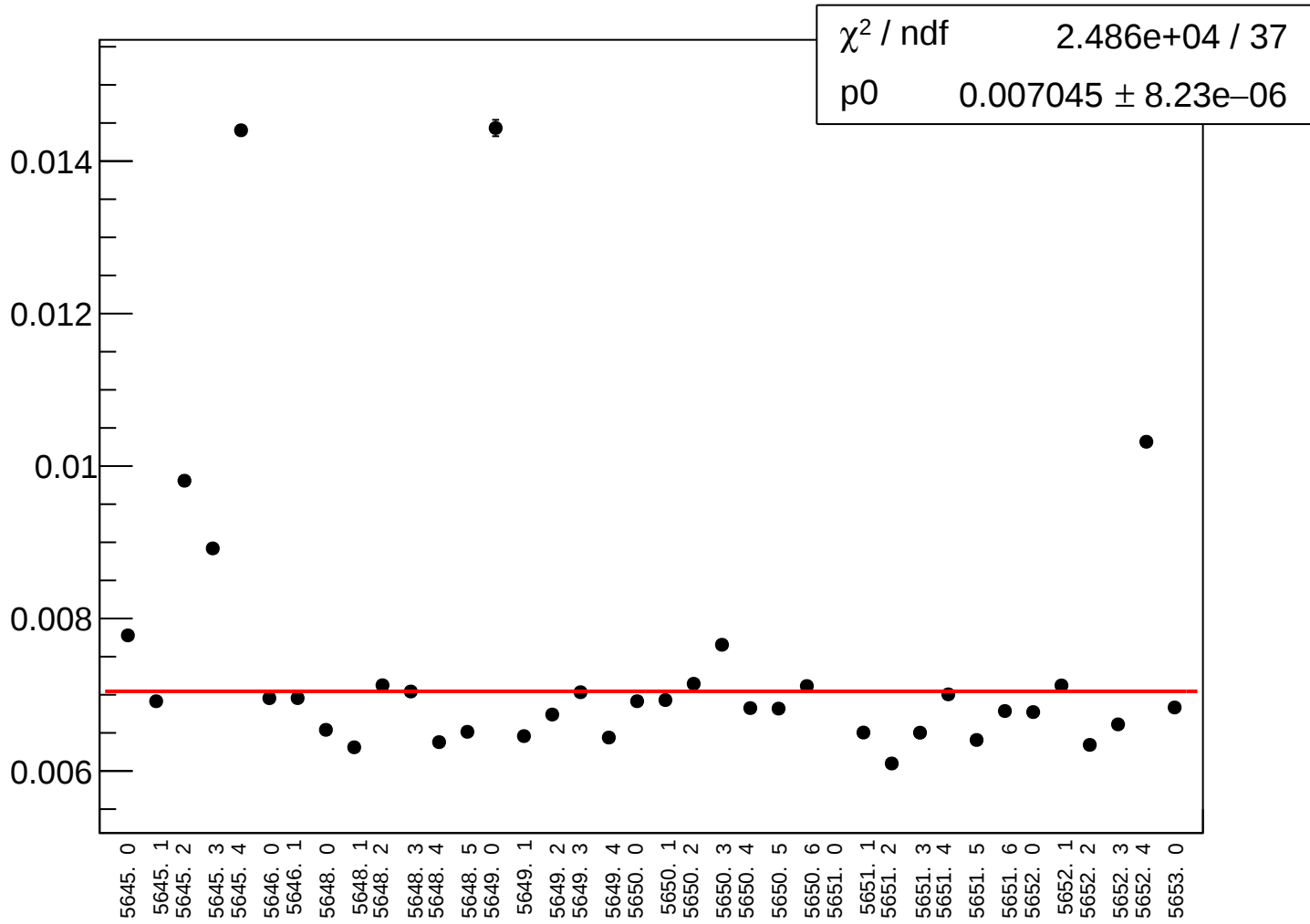
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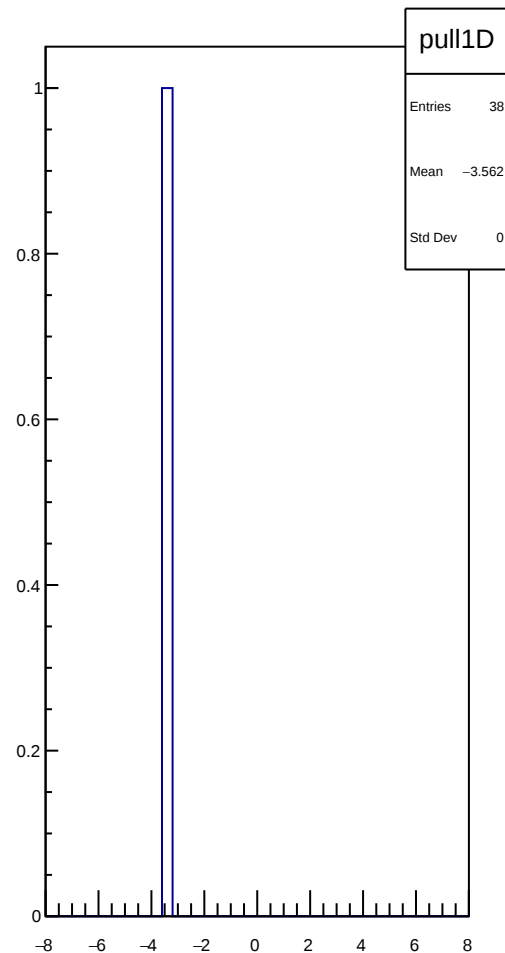
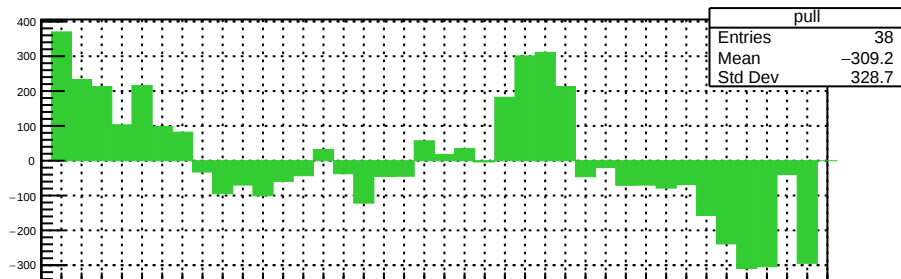
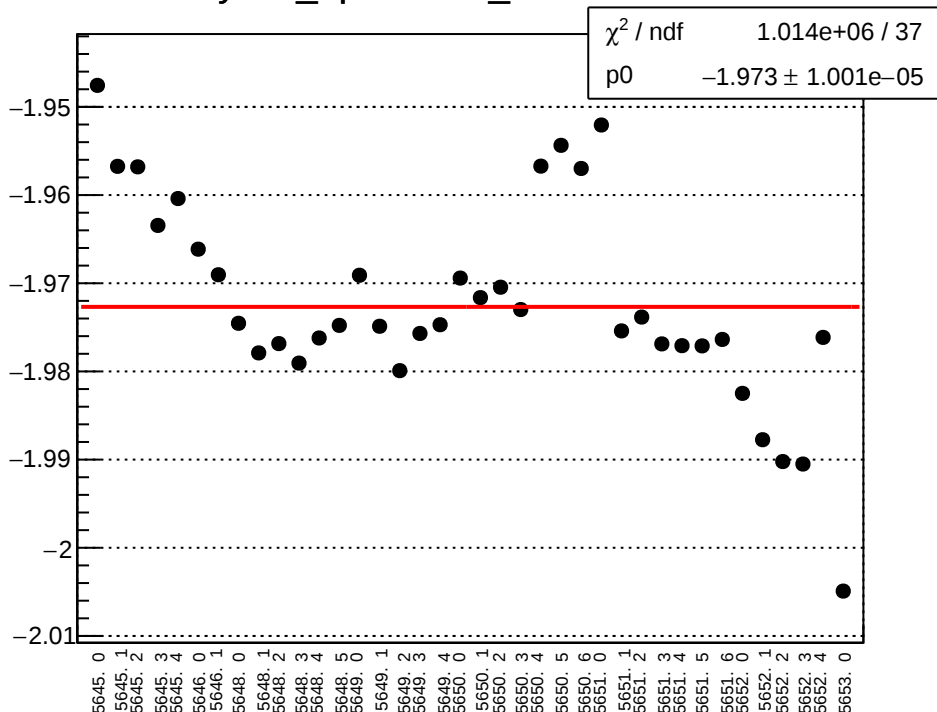
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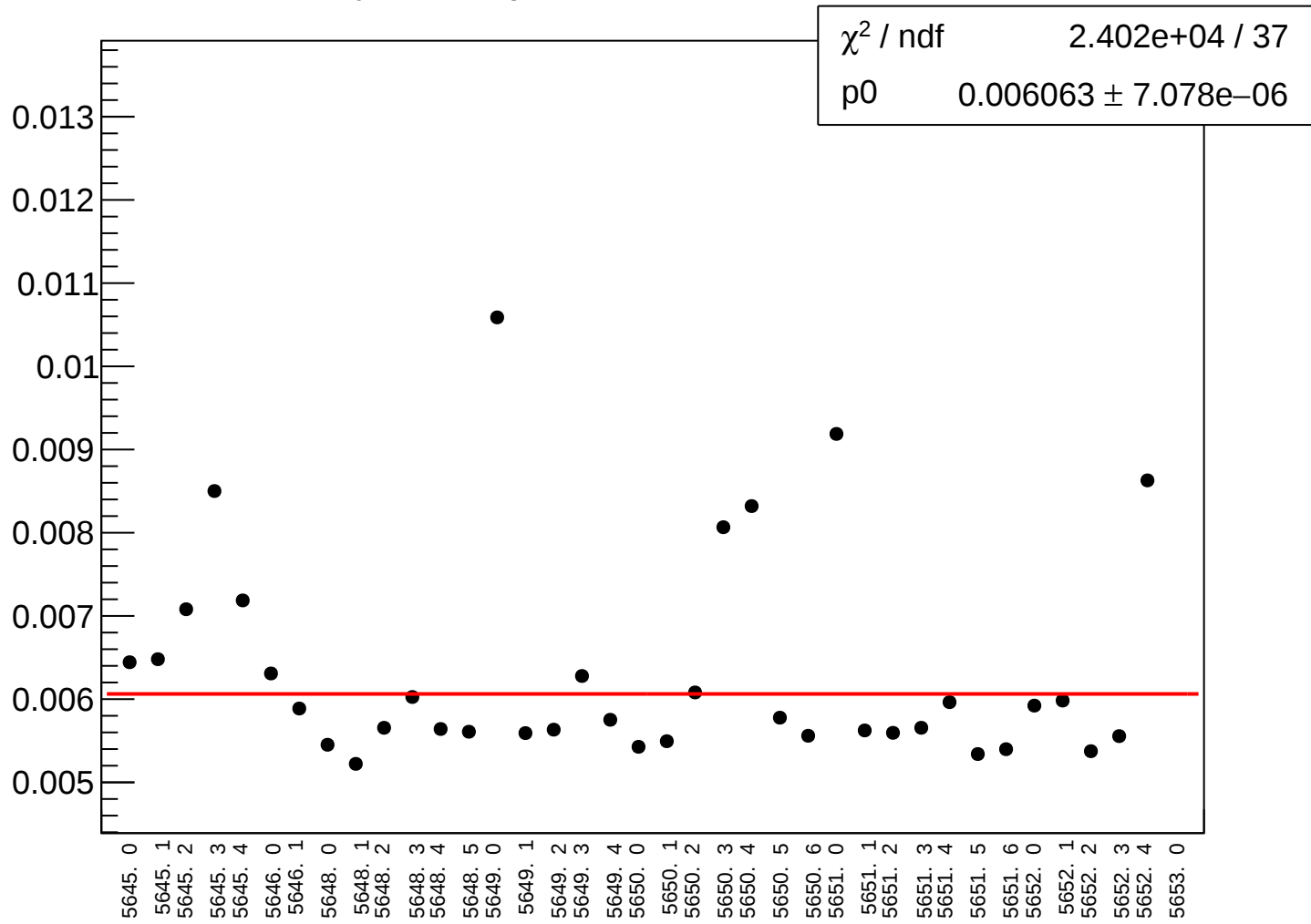
yield_bpm0i05X_rms vs run



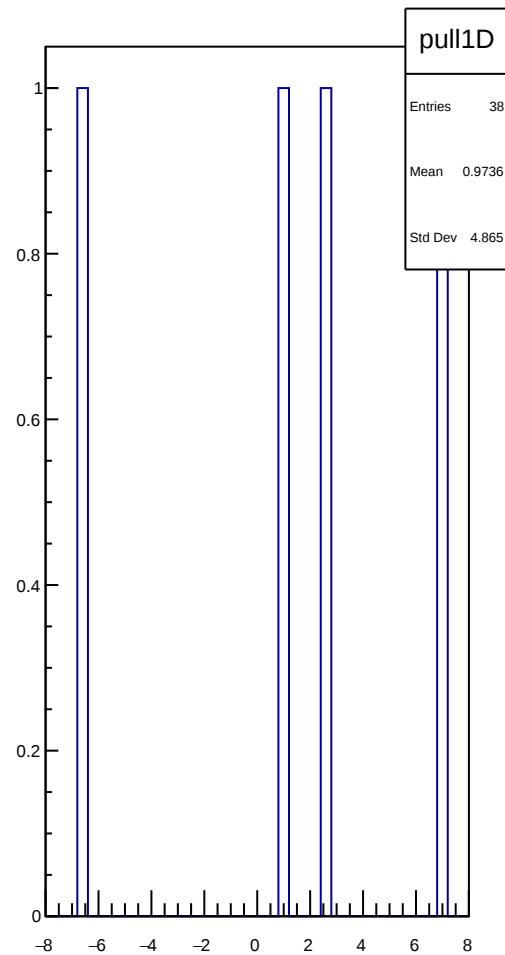
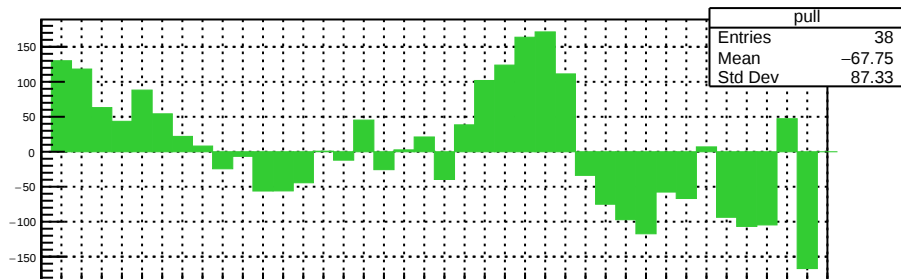
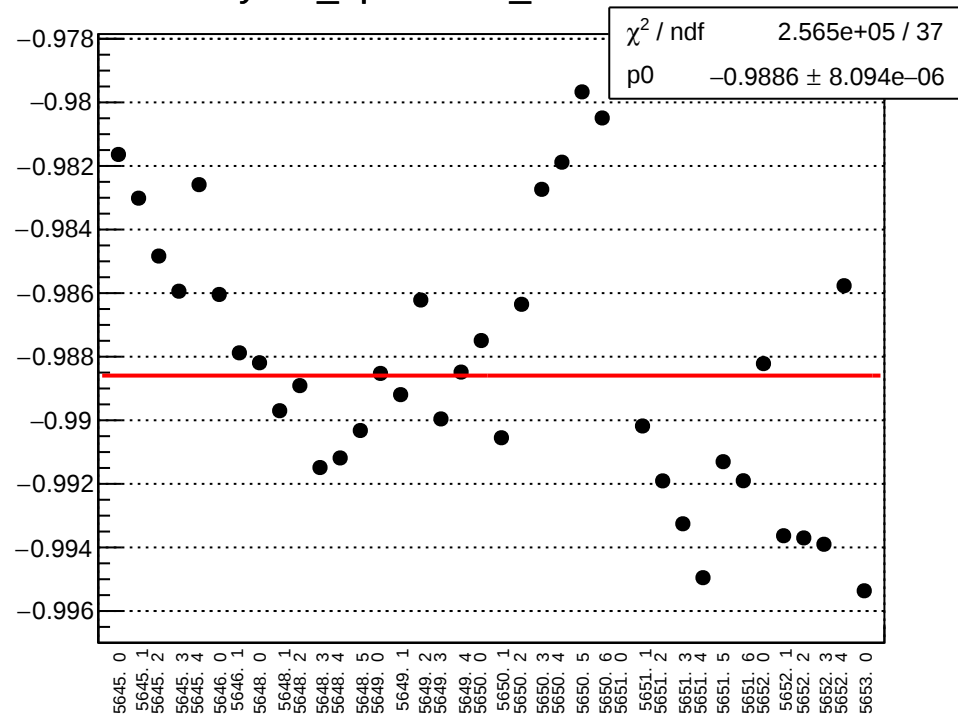
yield_bpm0i05Y_mean vs run



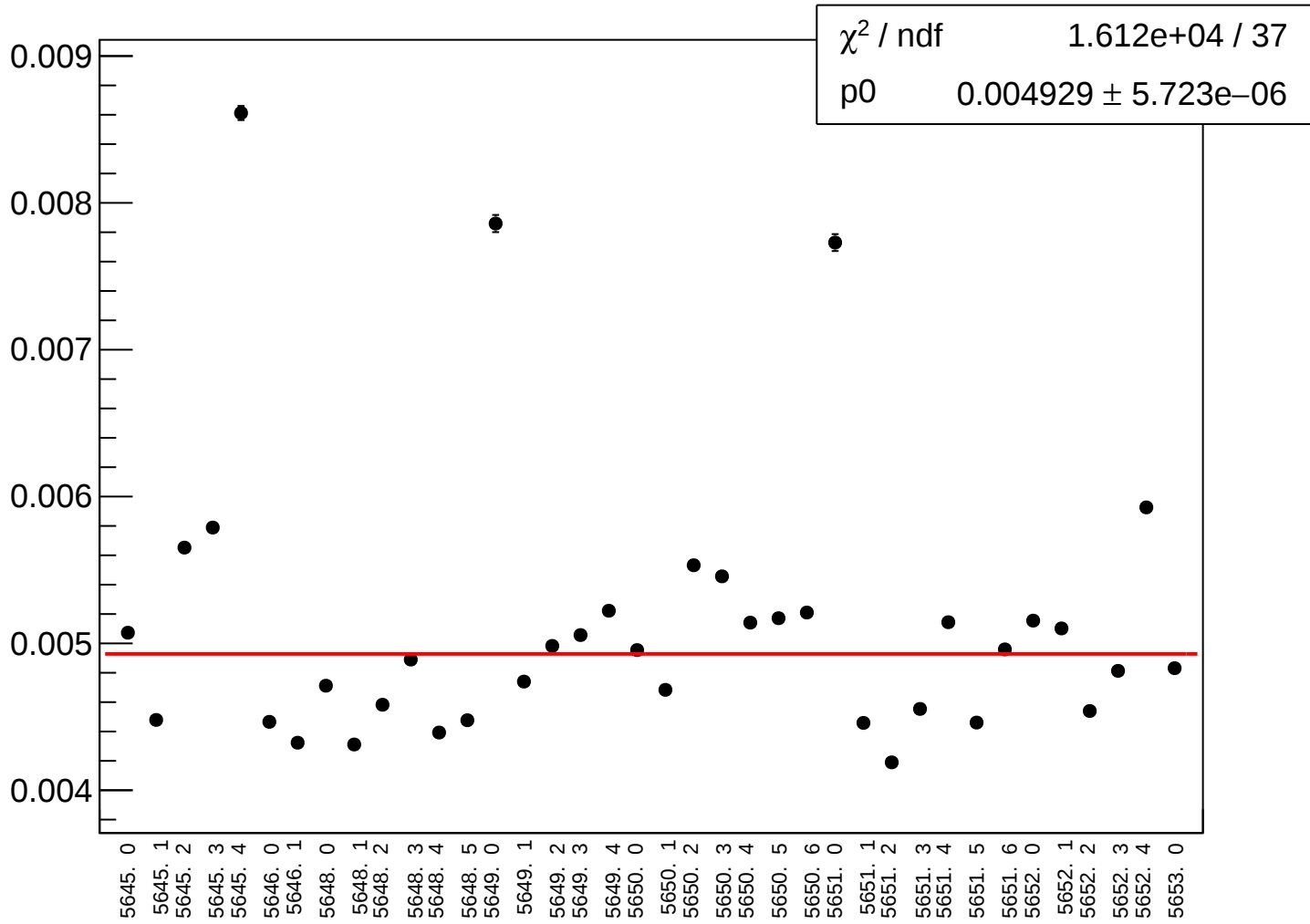
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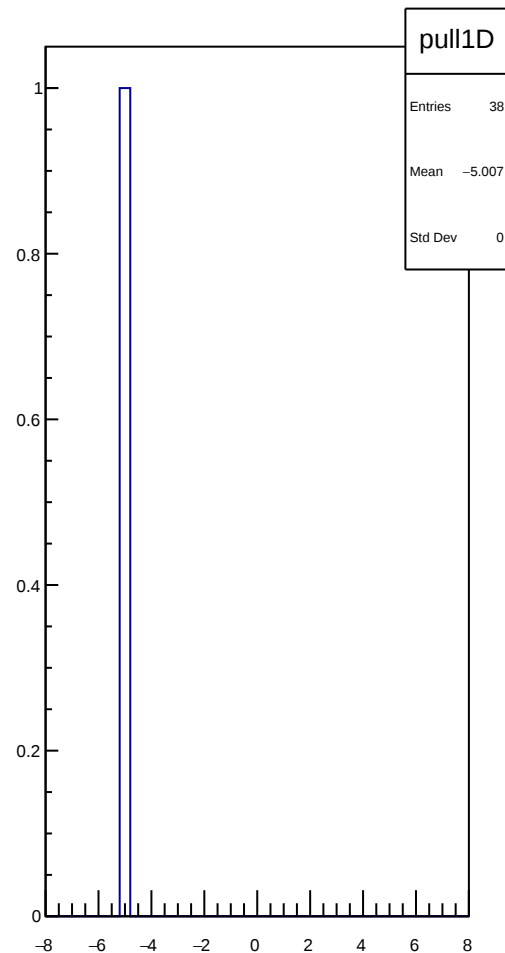
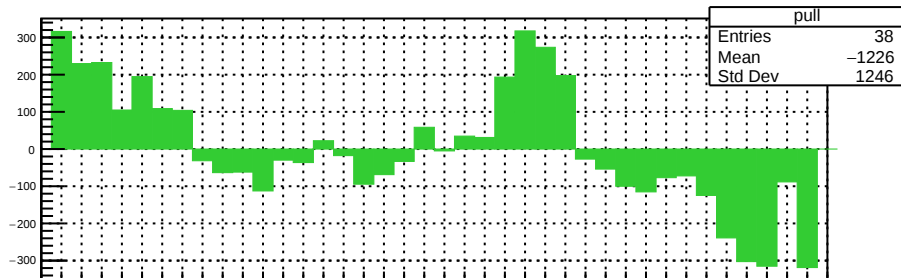
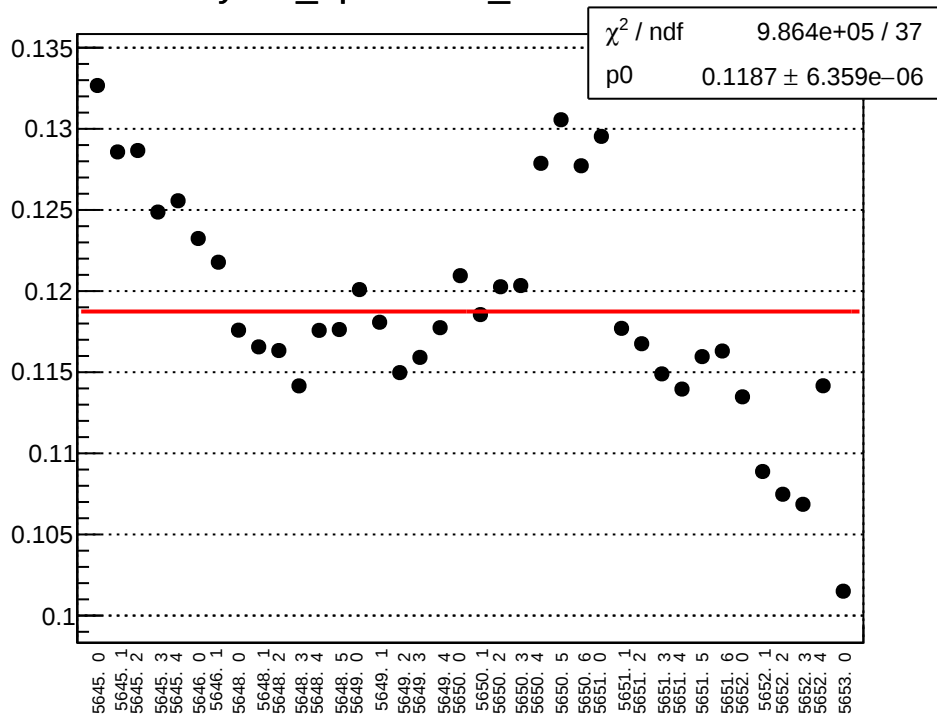
yield_bpm0i07X_mean vs run



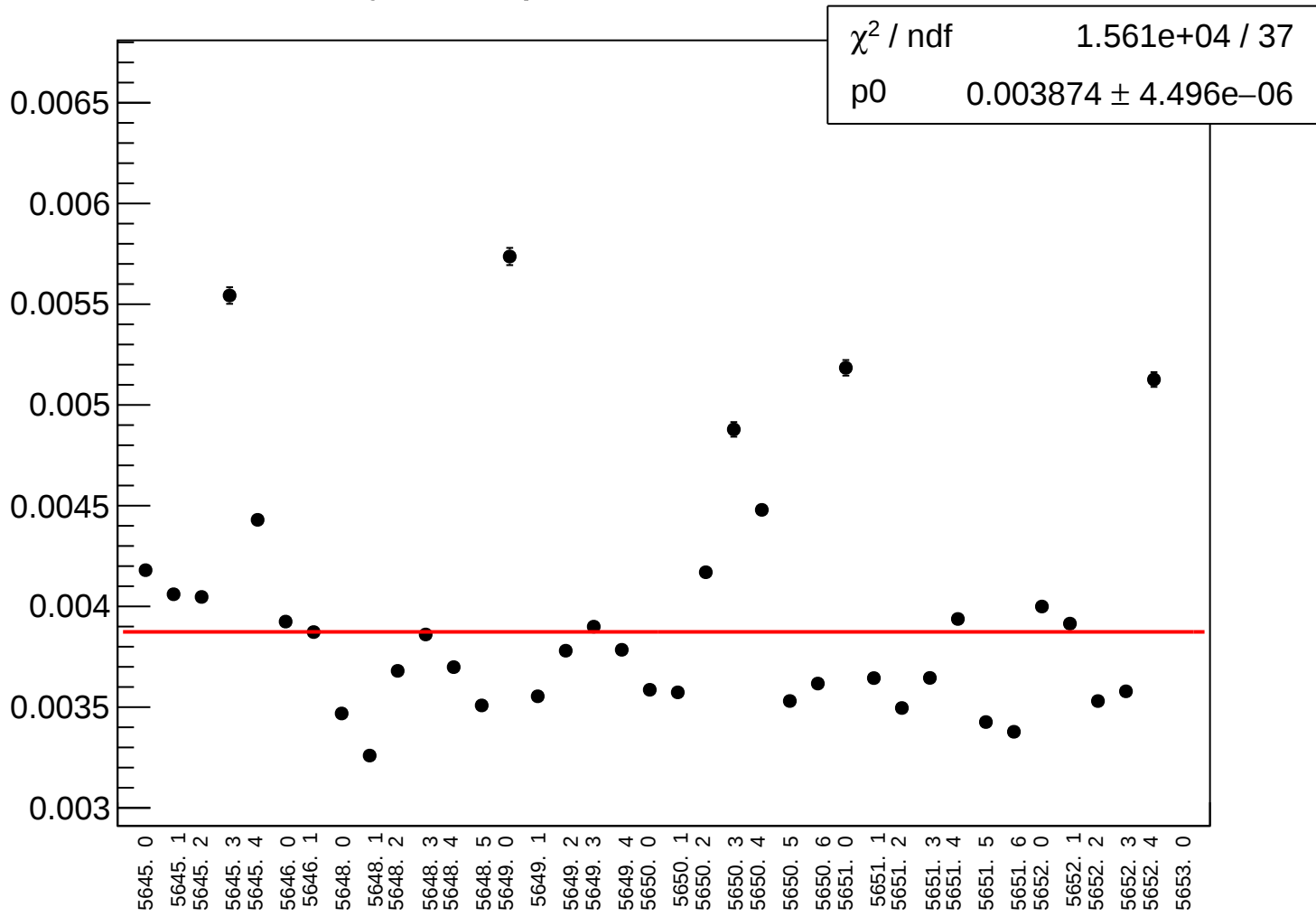
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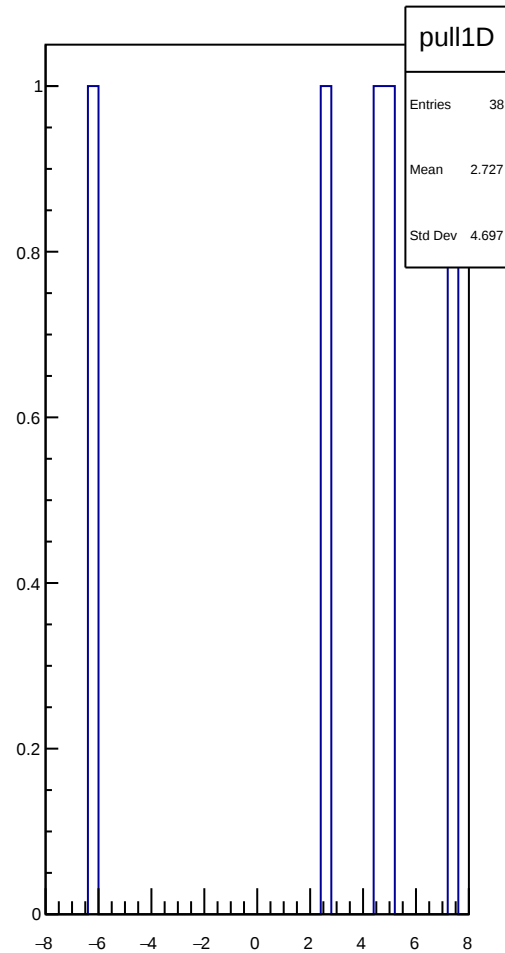
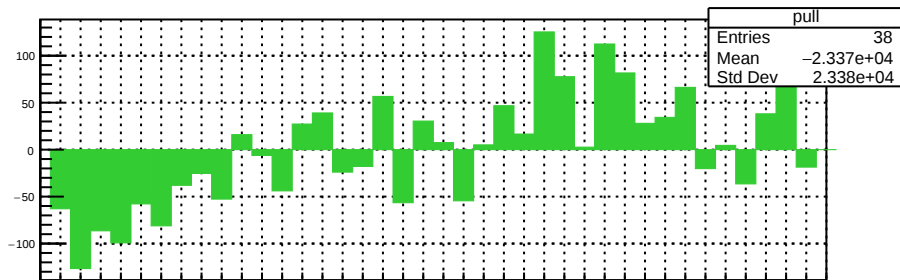
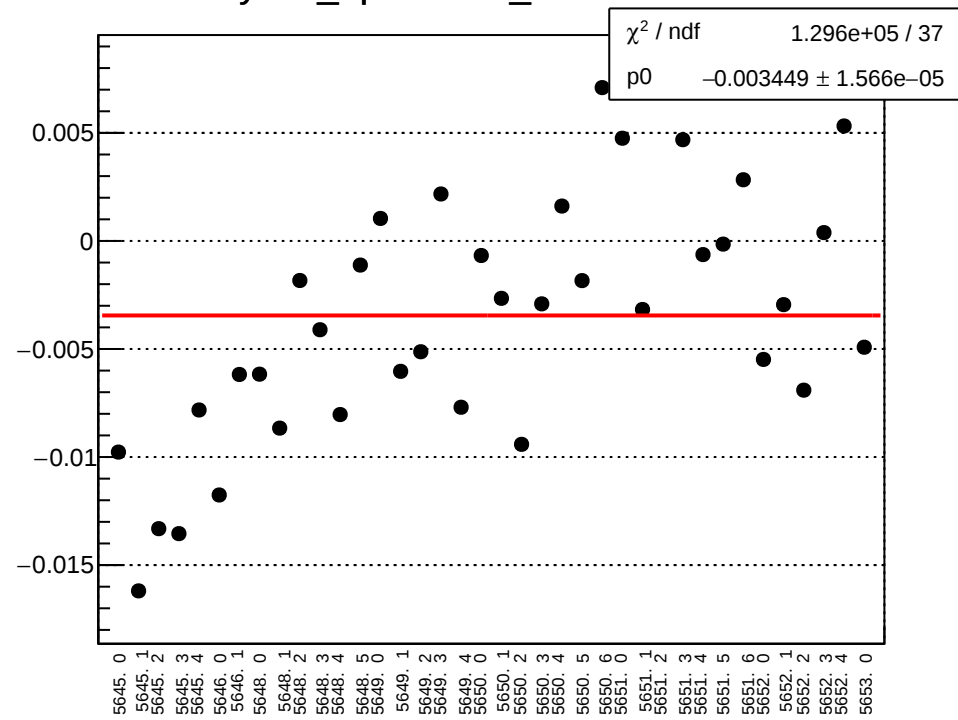
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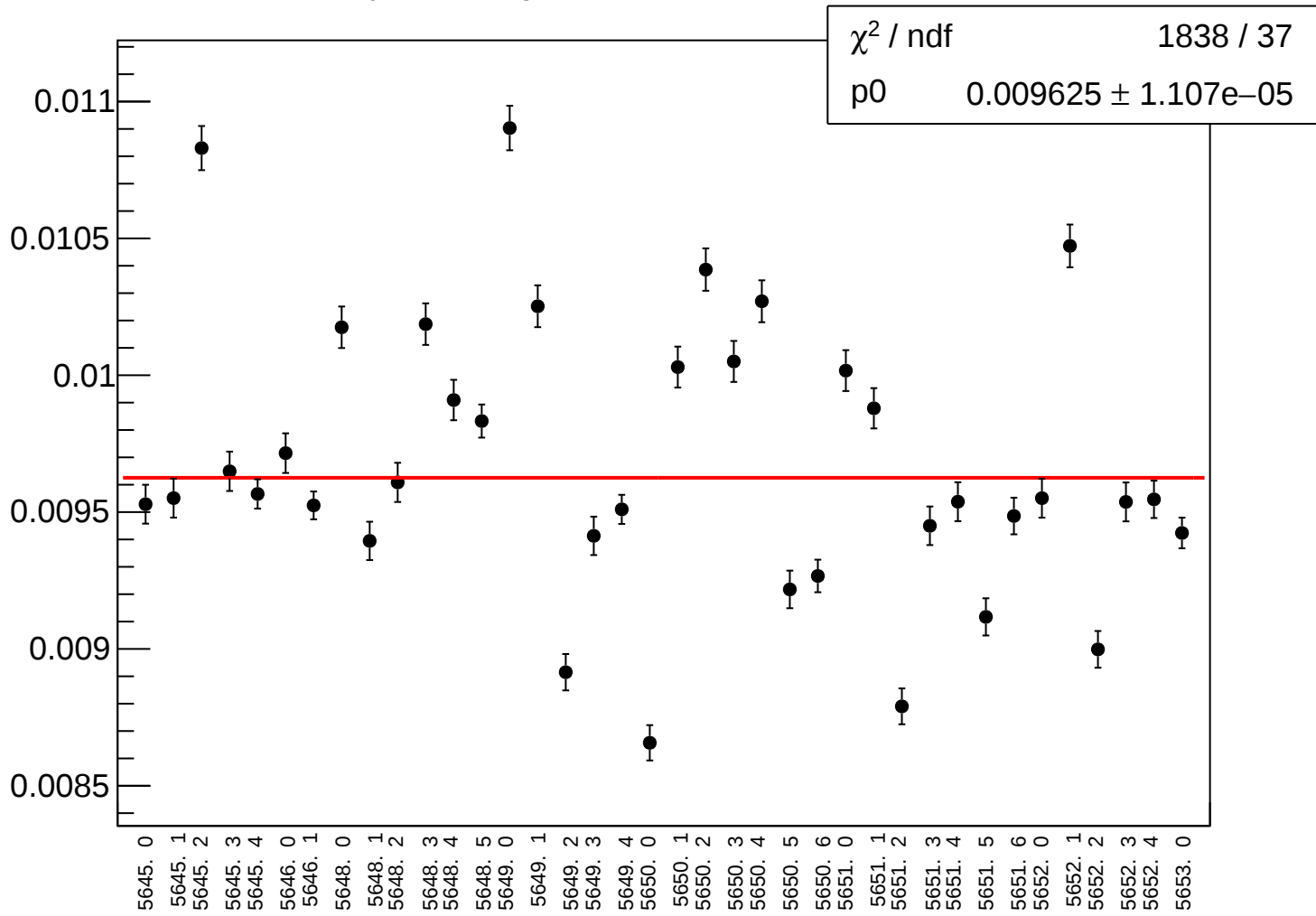
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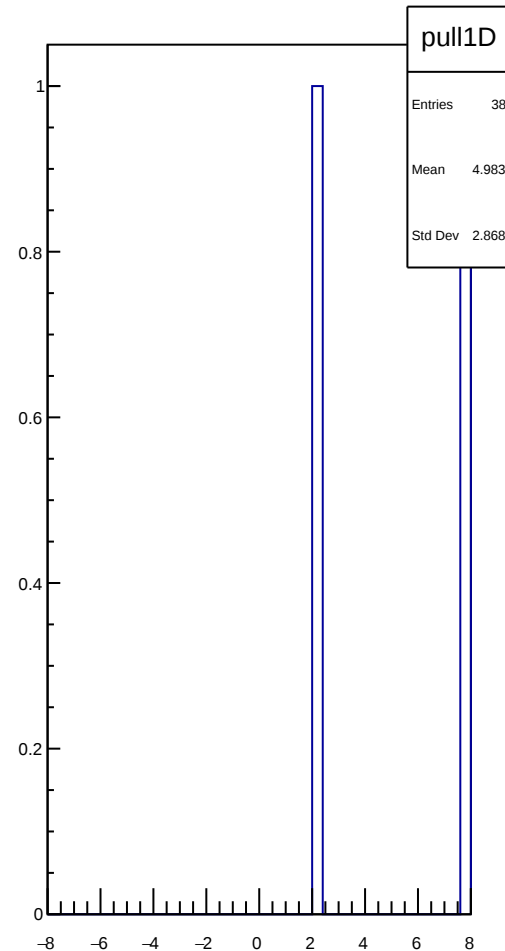
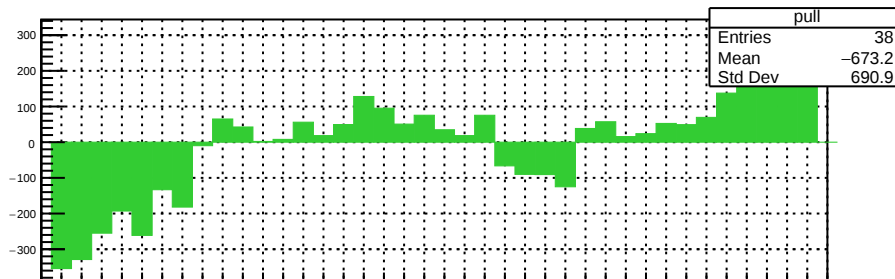
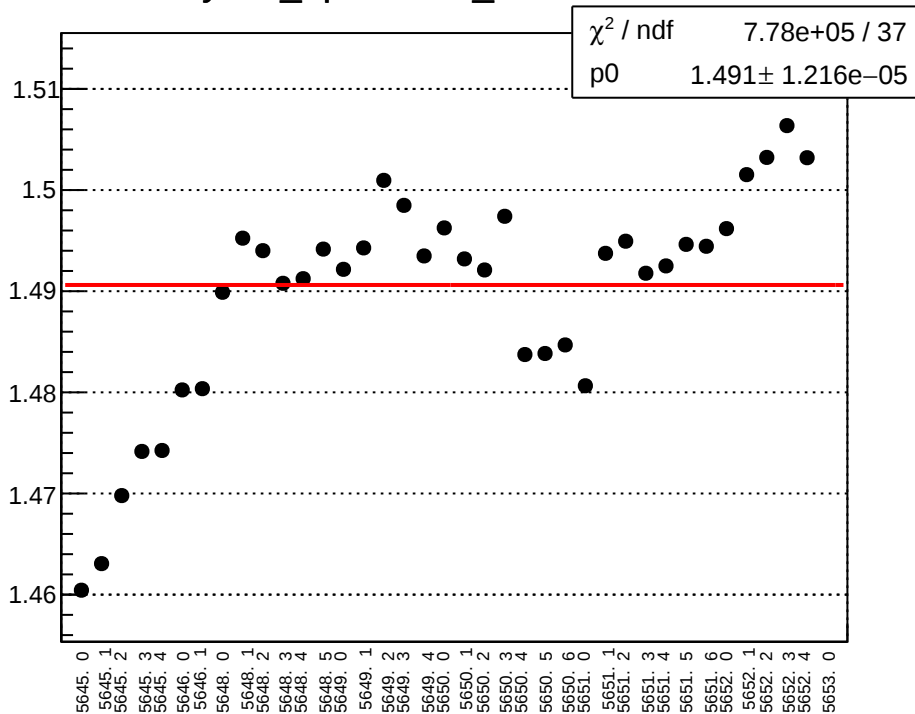
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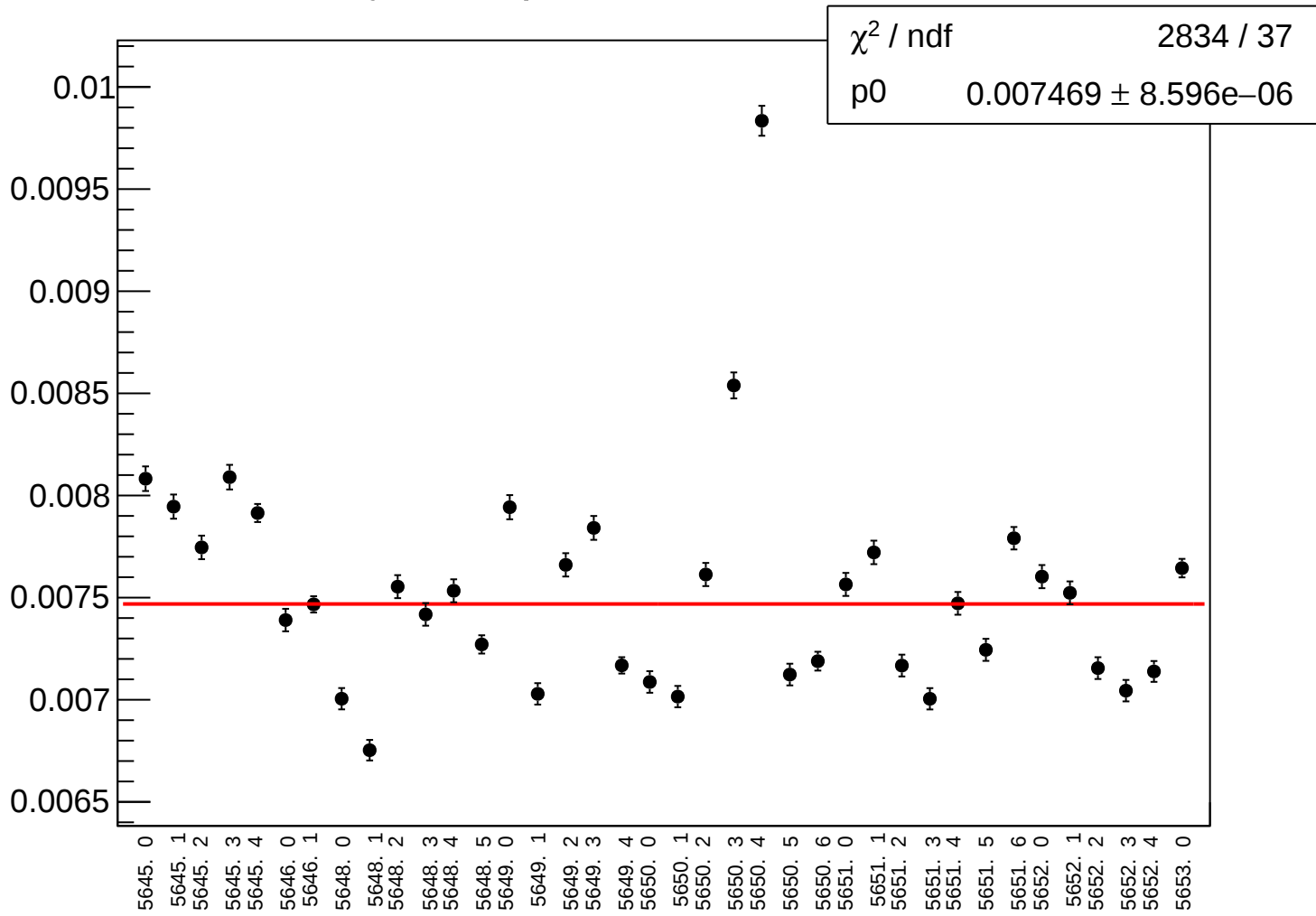
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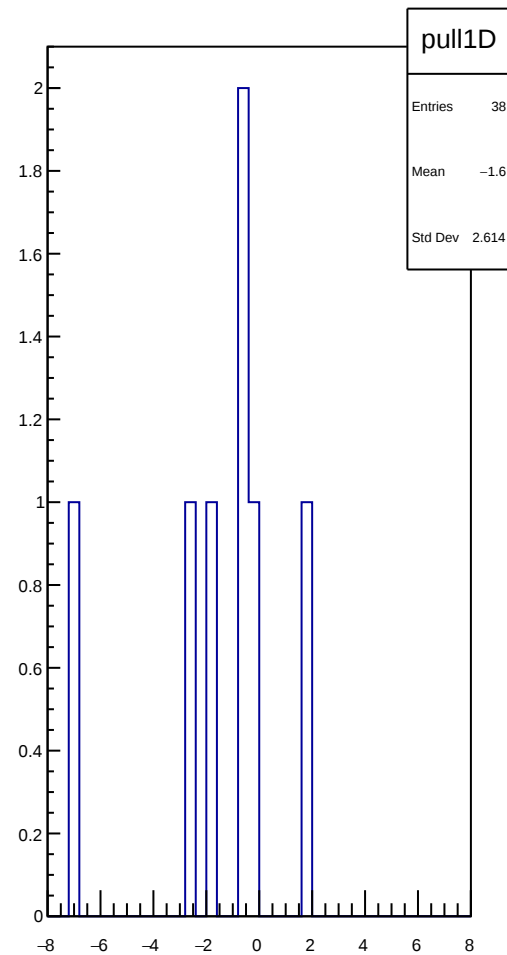
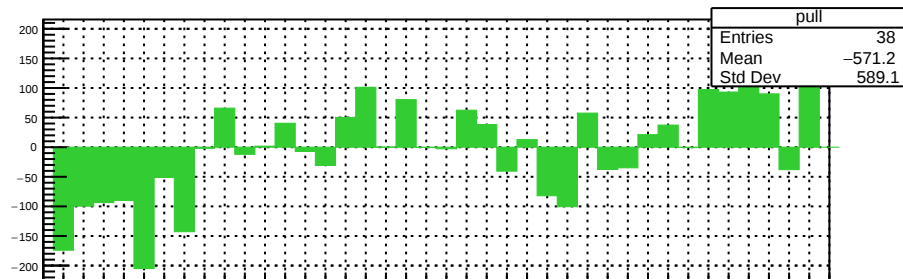
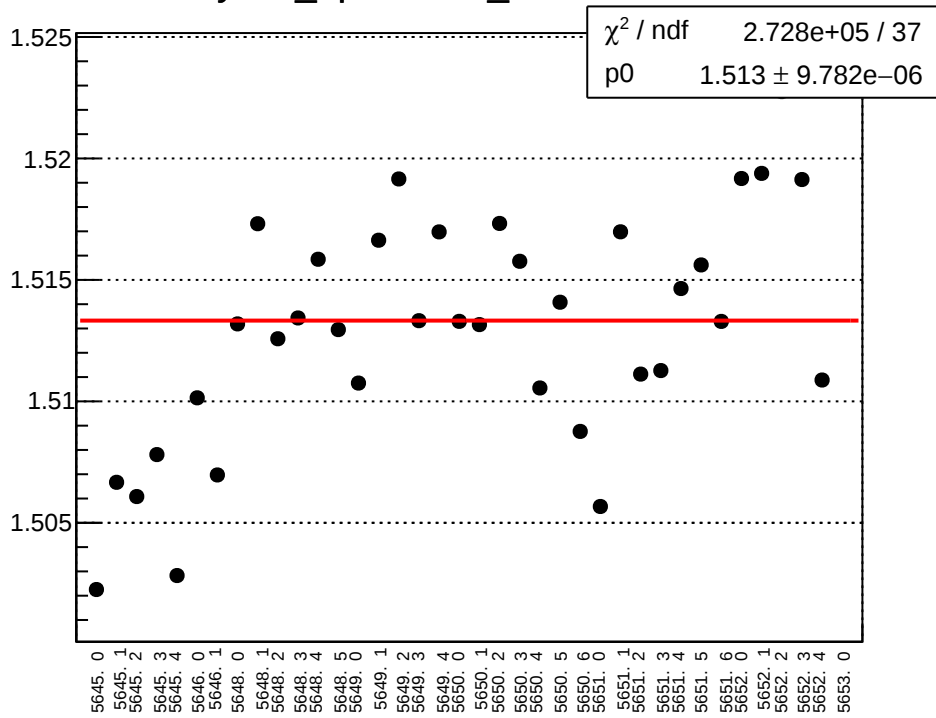
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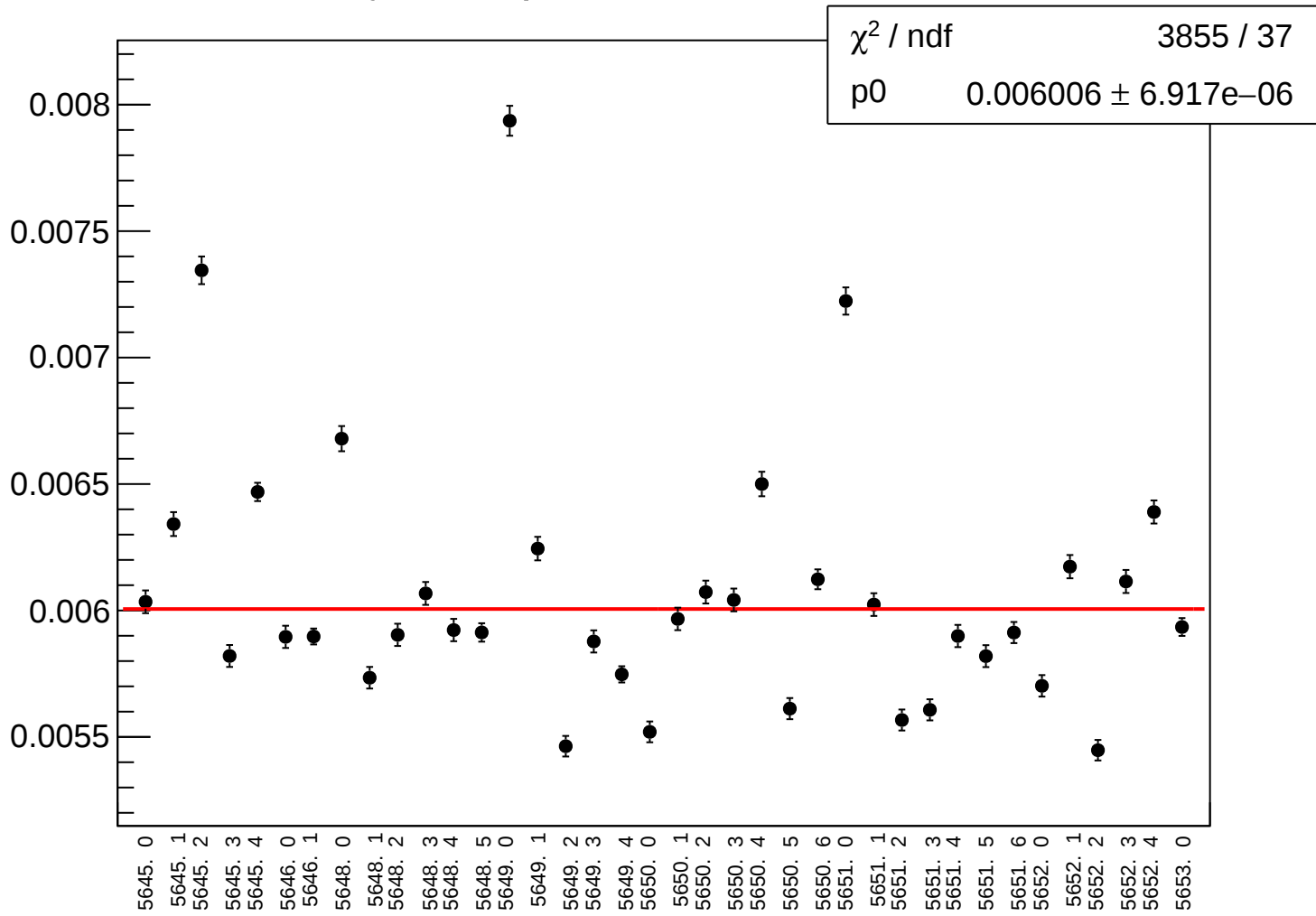
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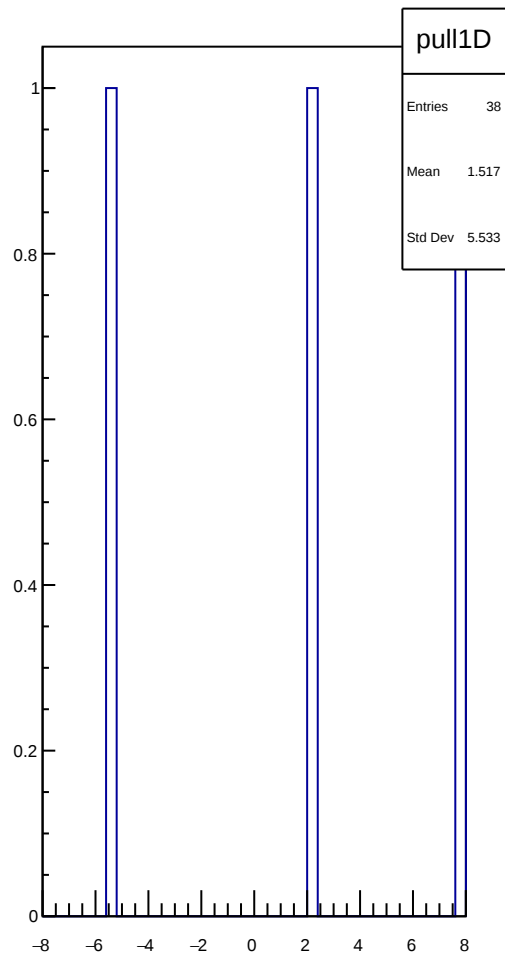
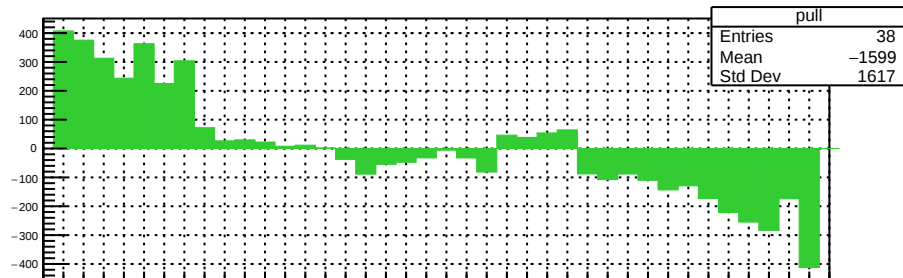
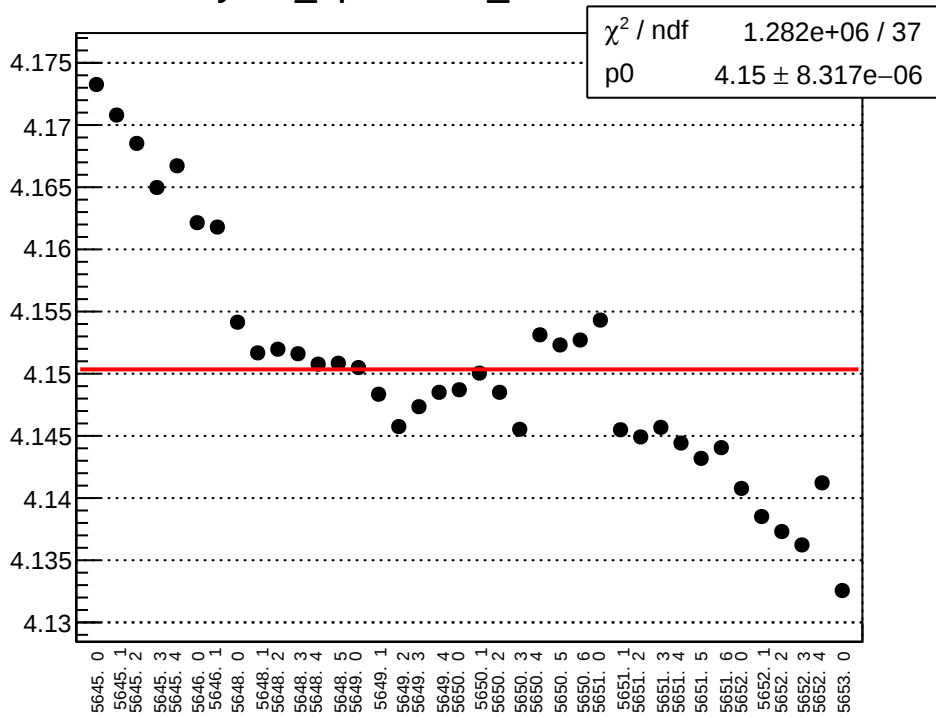
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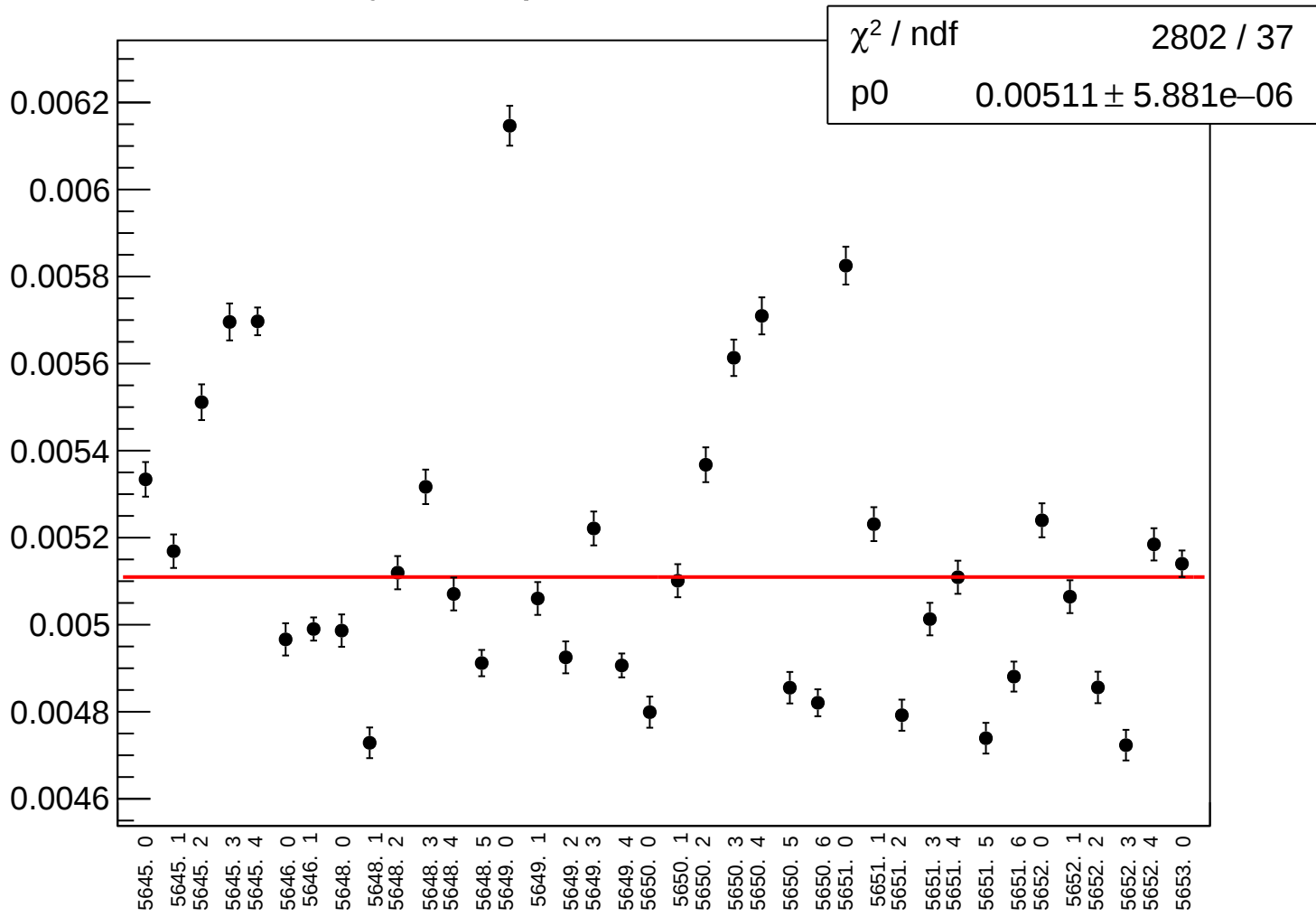
yield_bpm1i04X_rms vs run



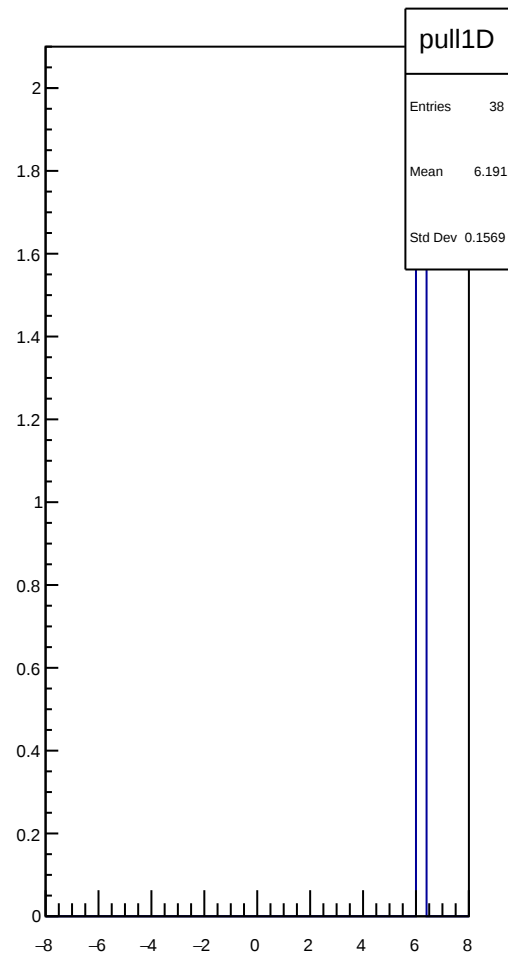
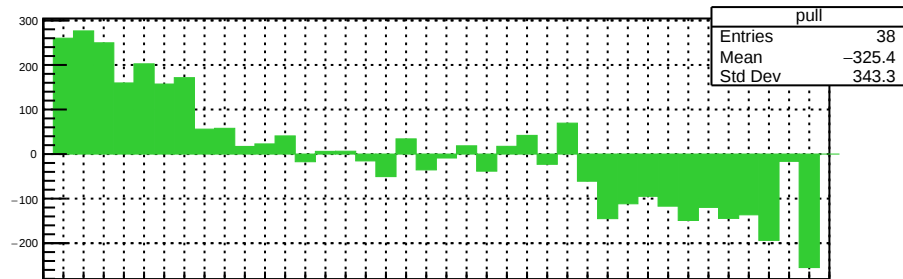
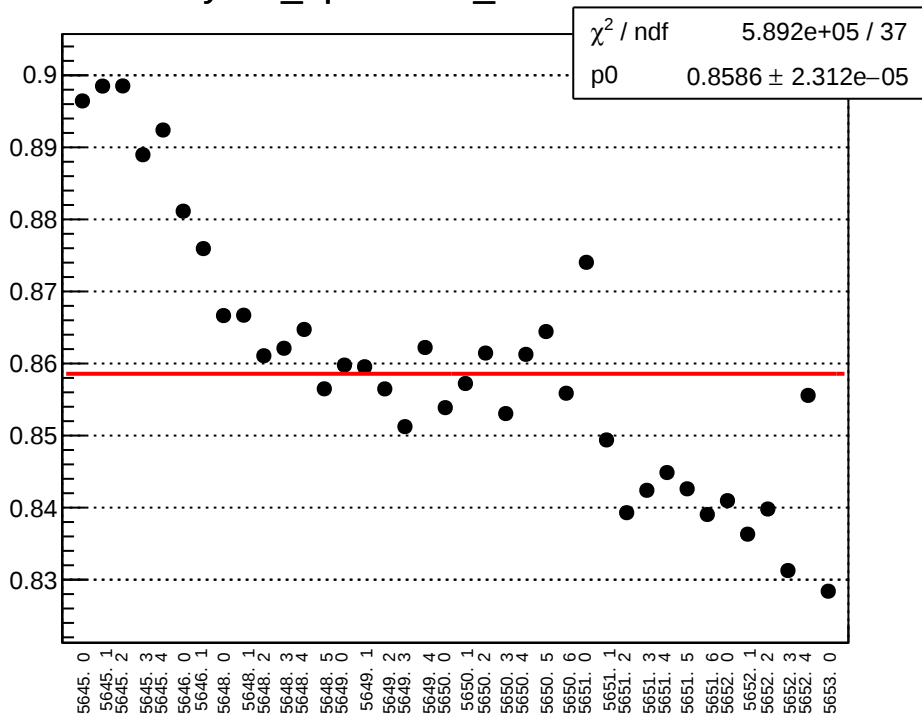
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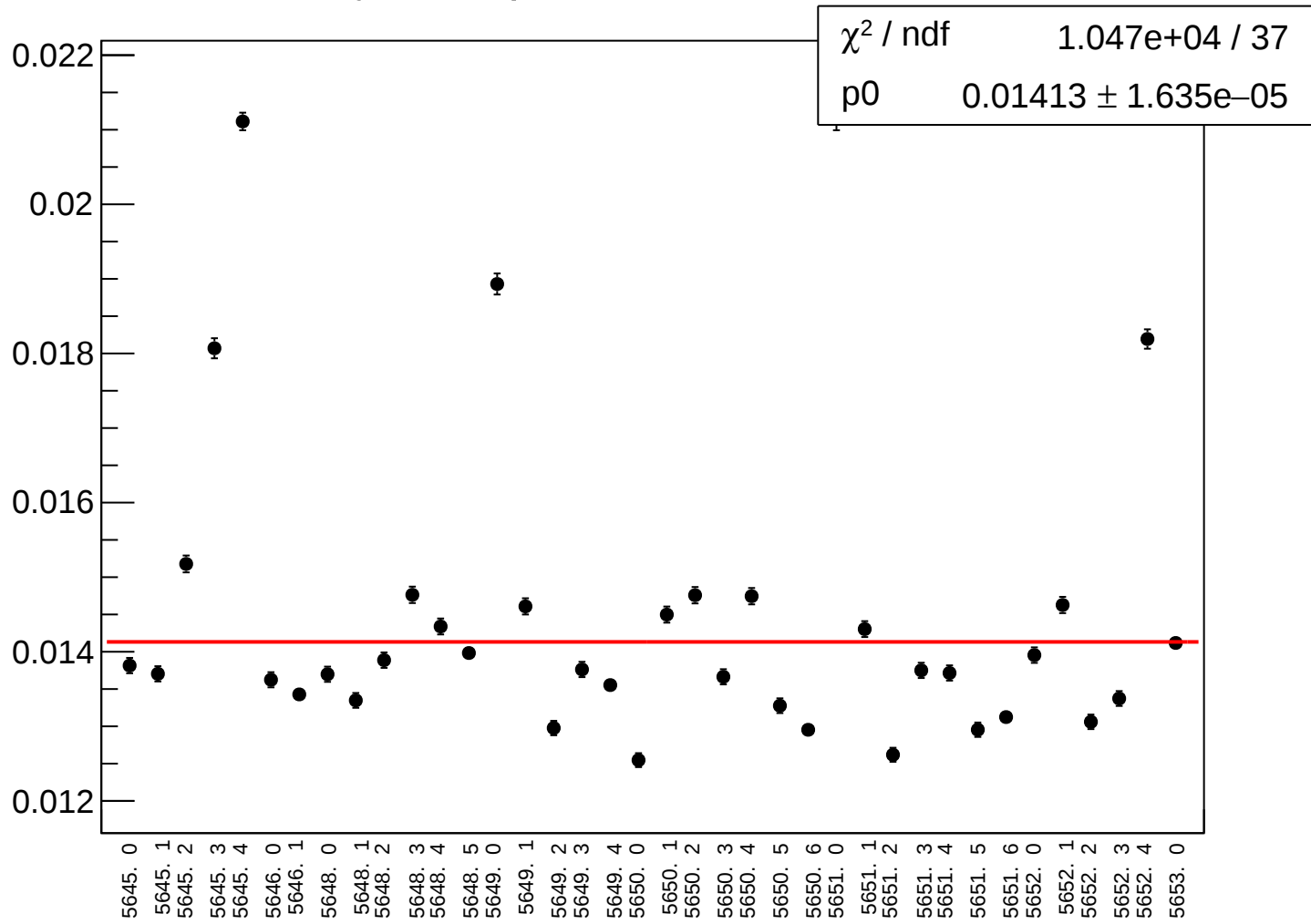
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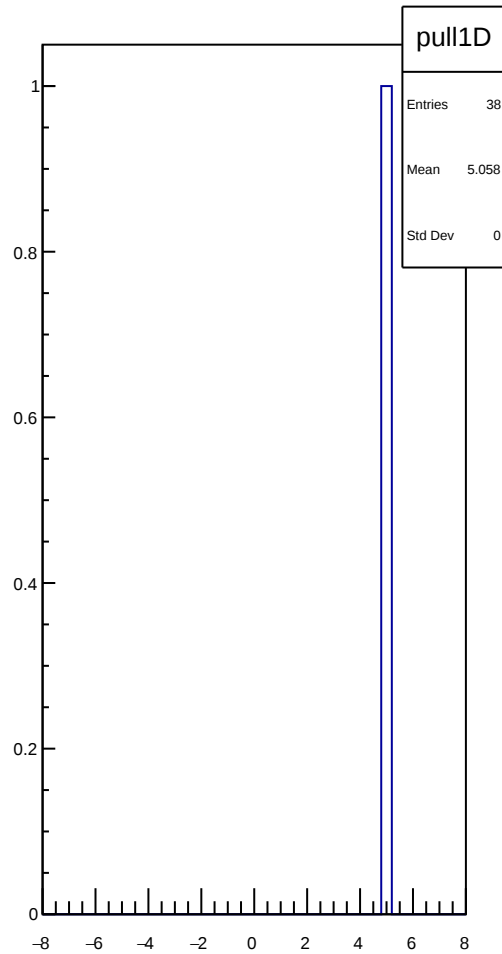
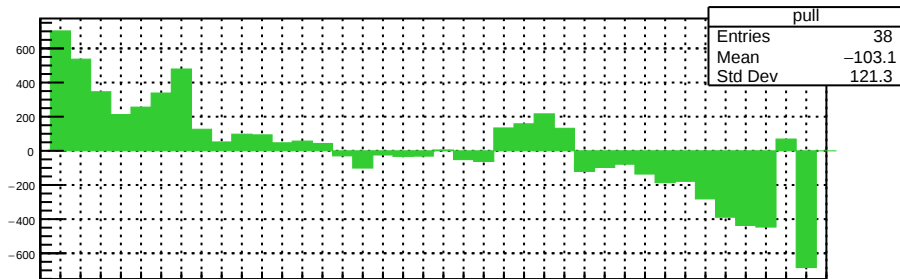
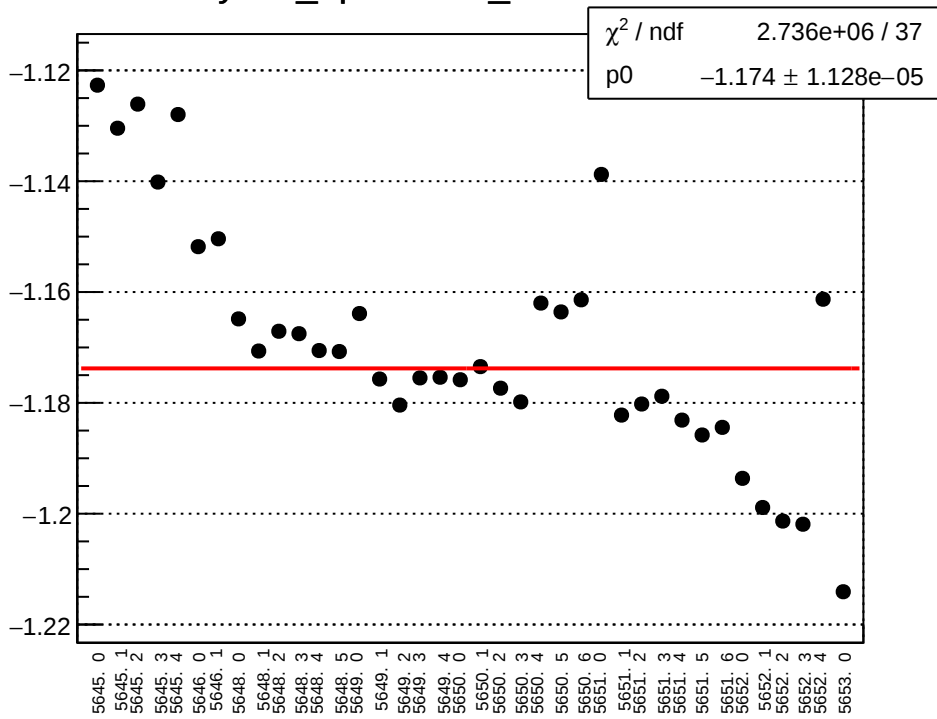
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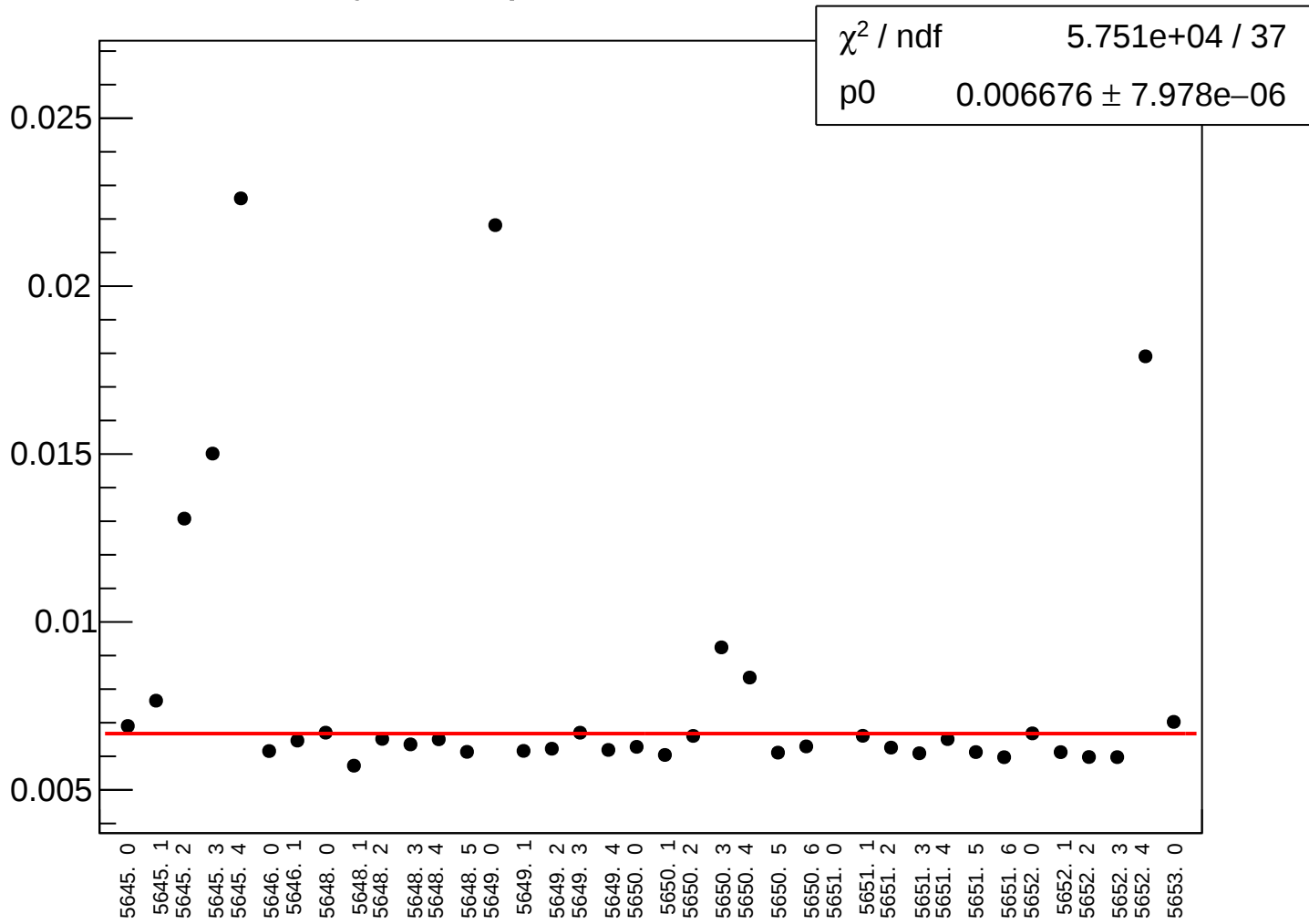
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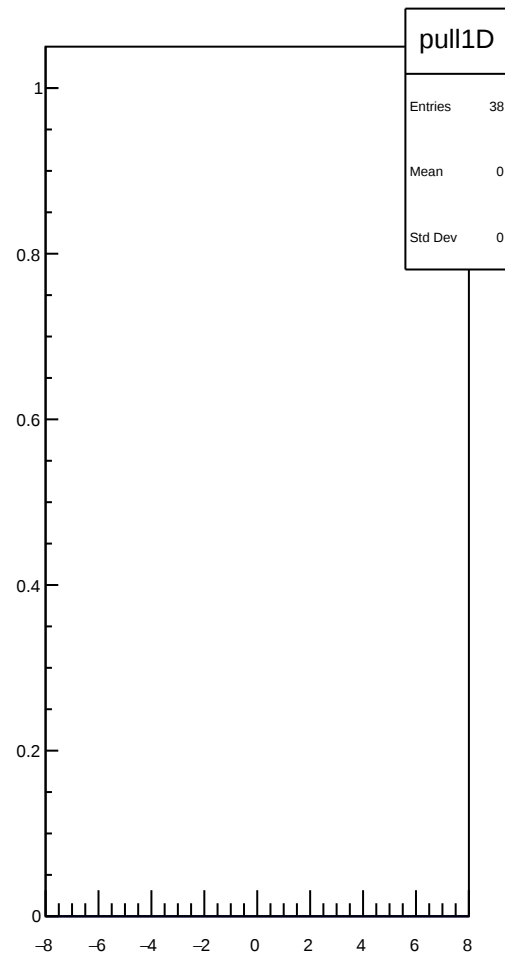
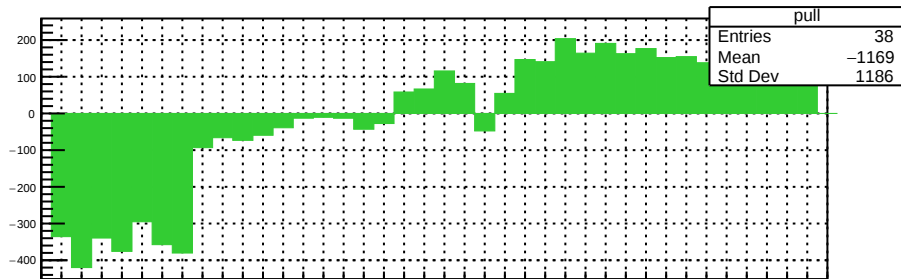
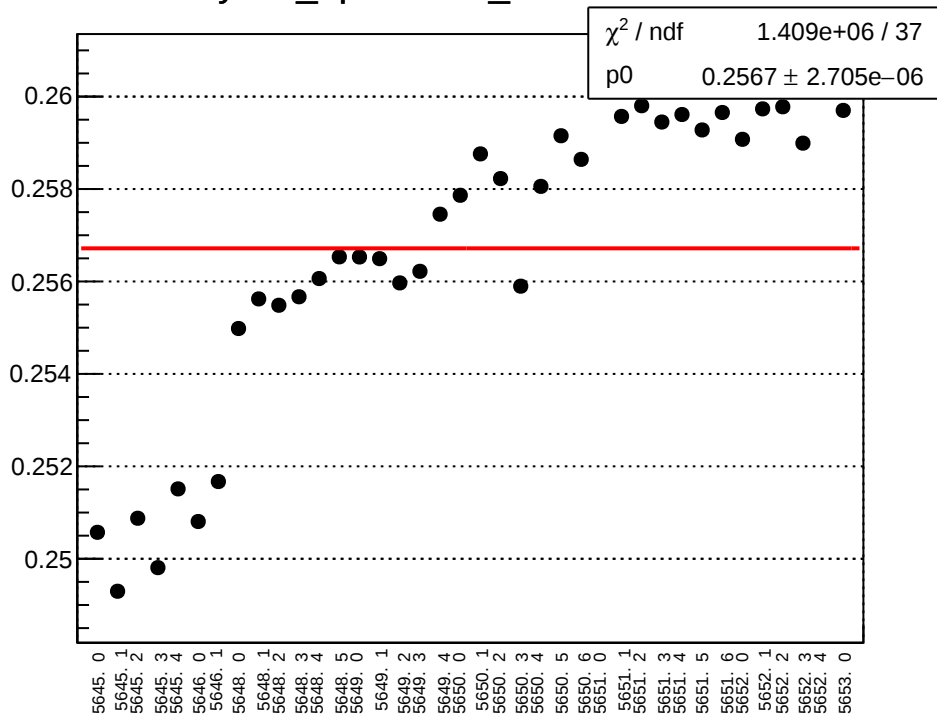
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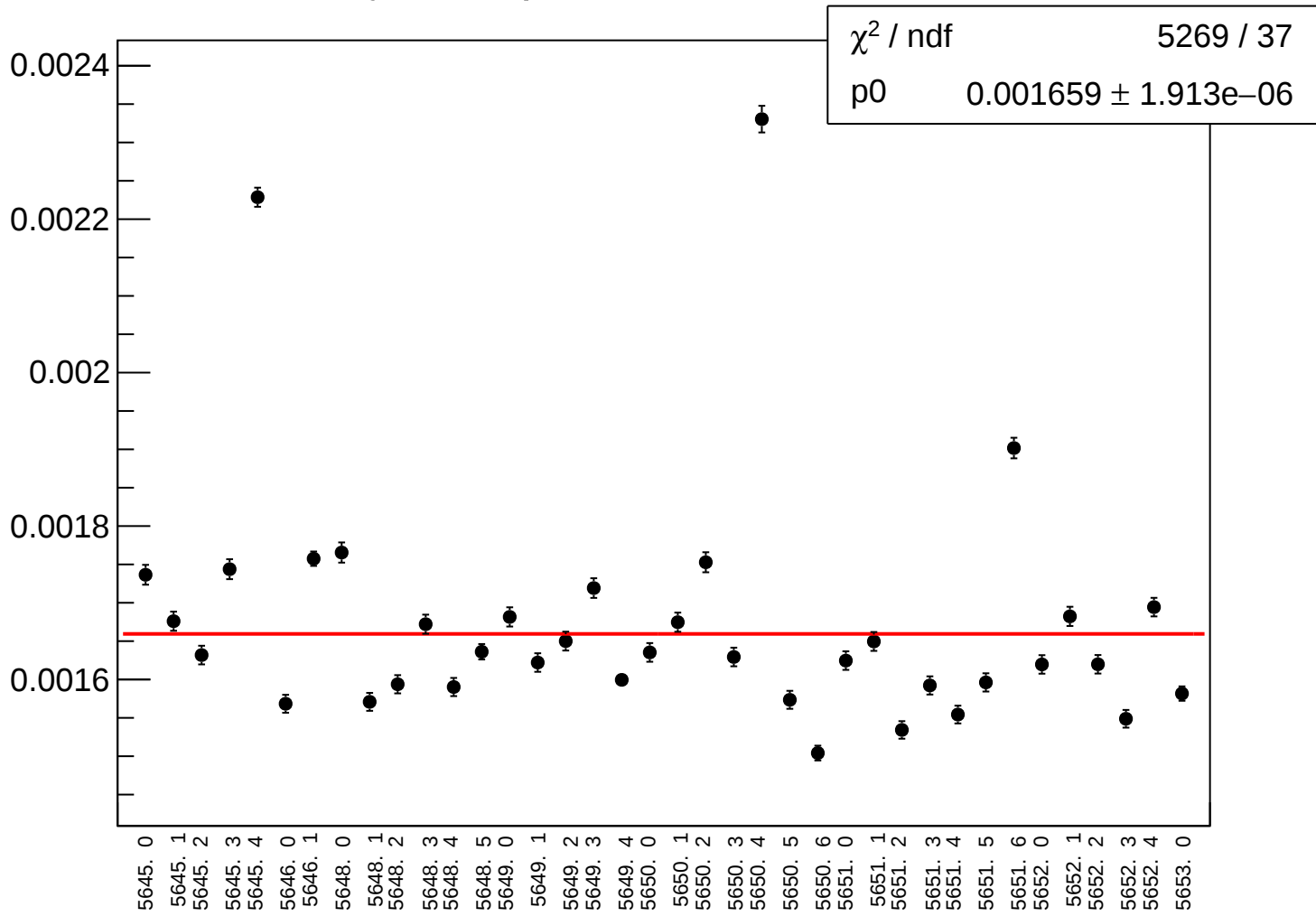
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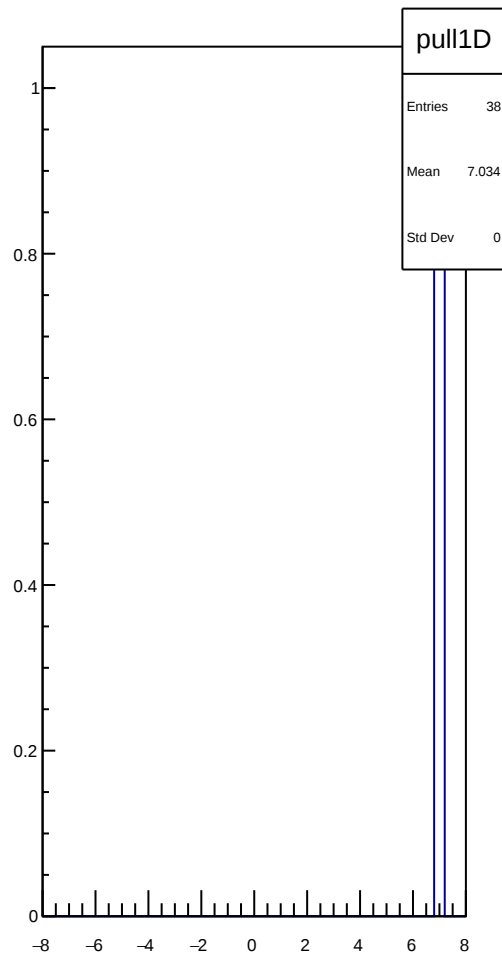
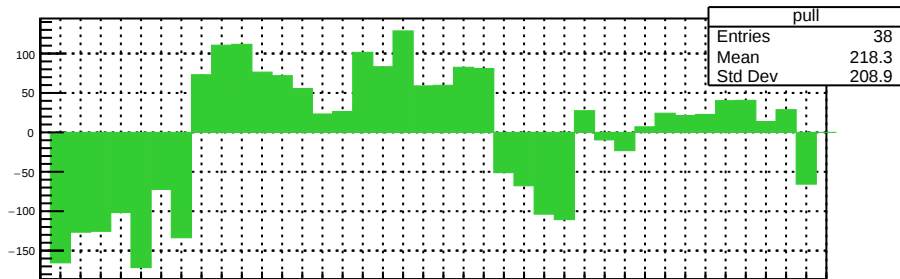
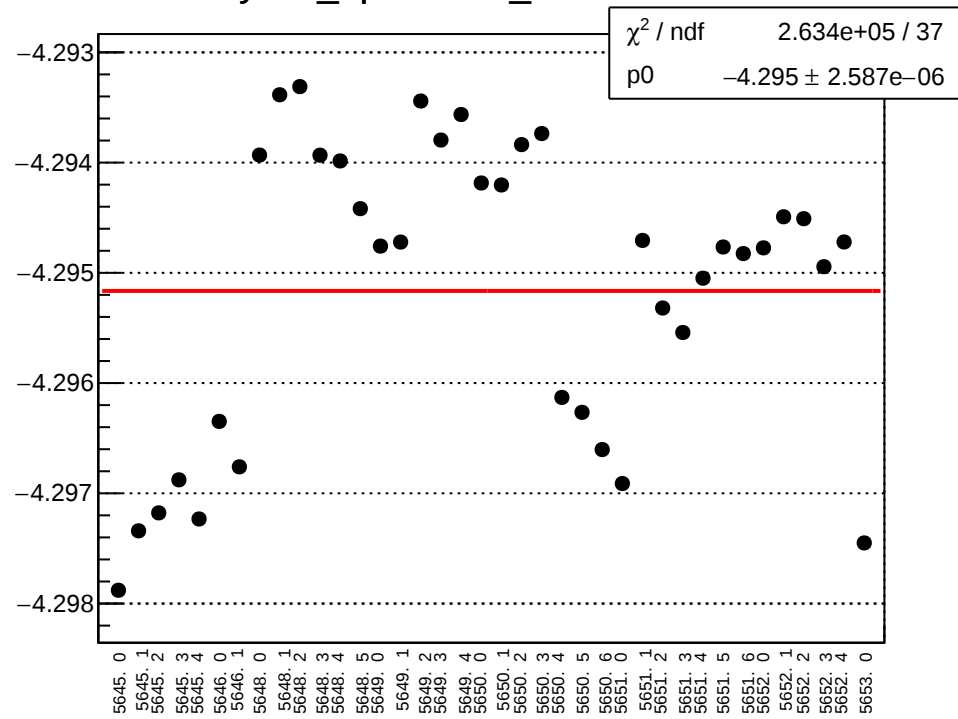
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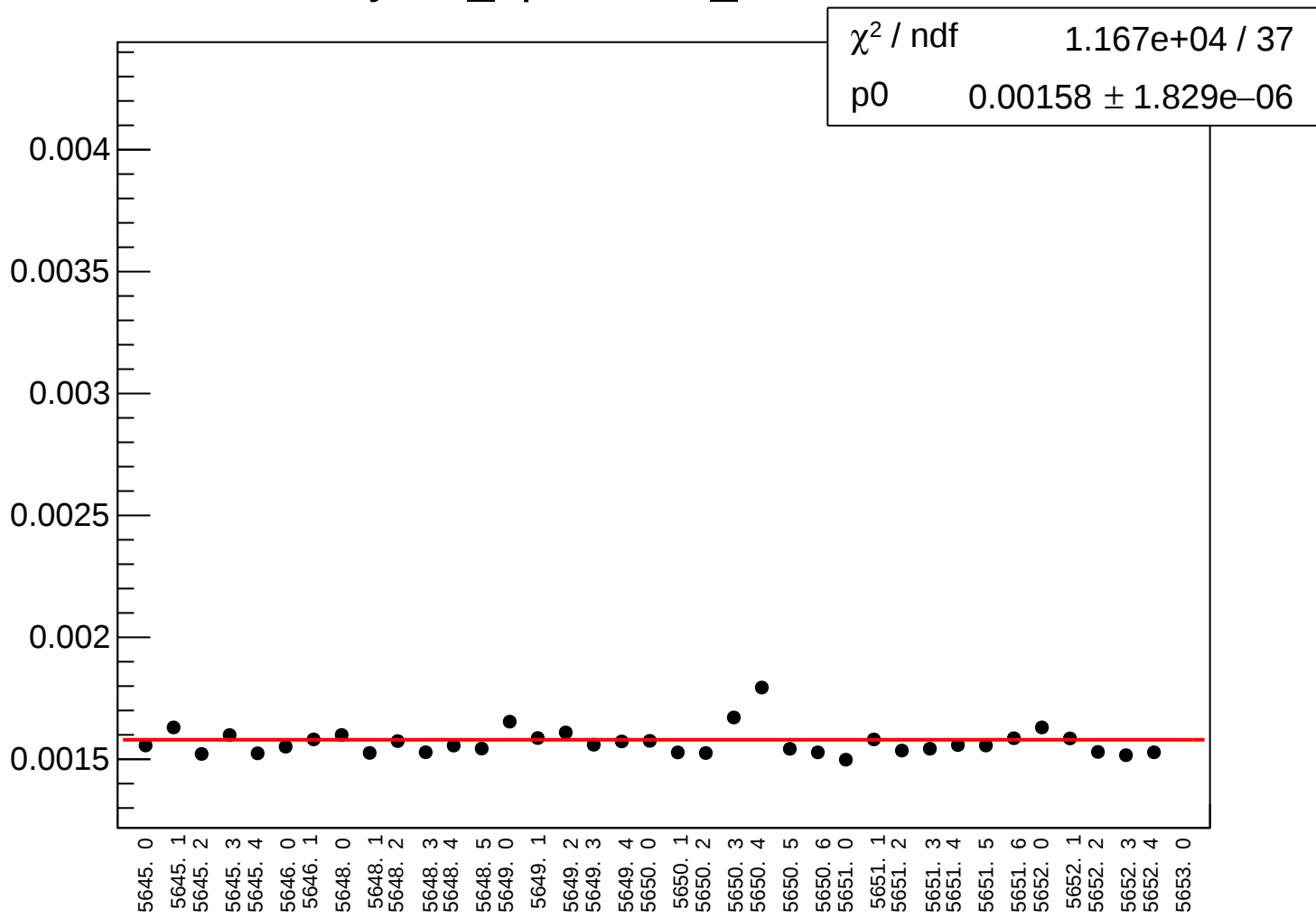
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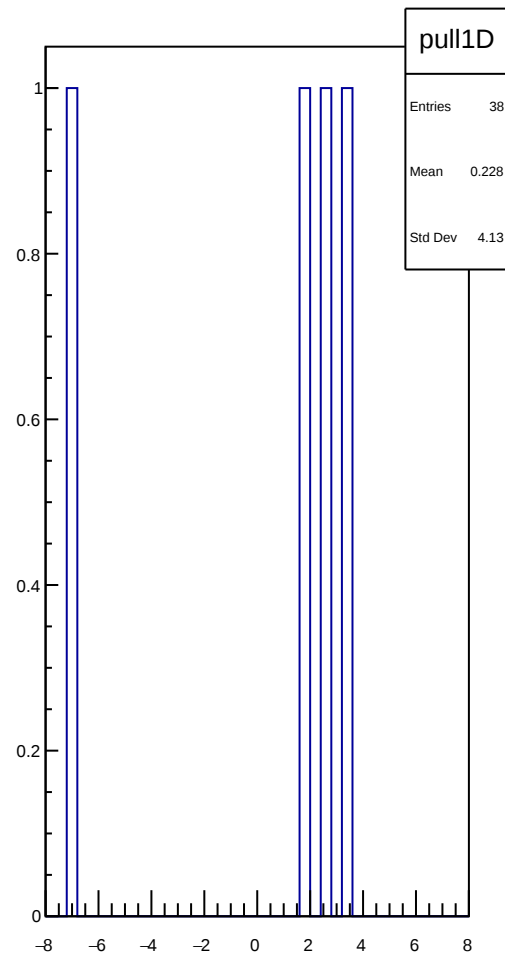
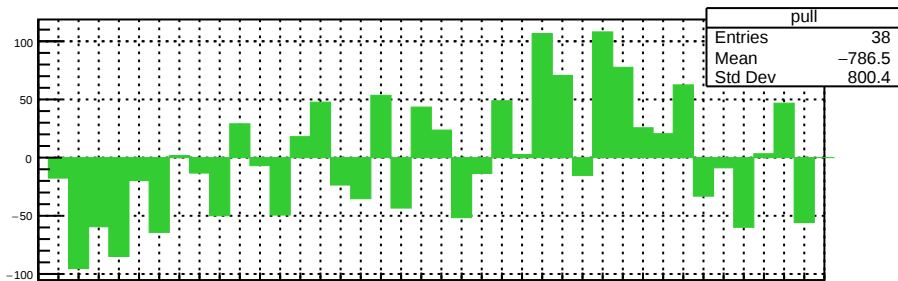
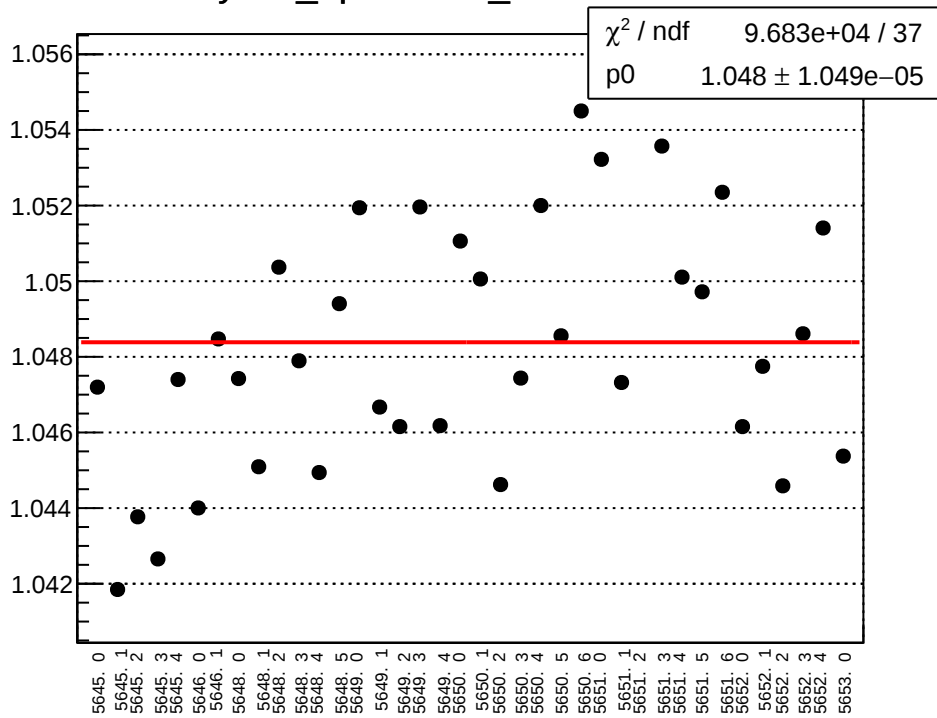
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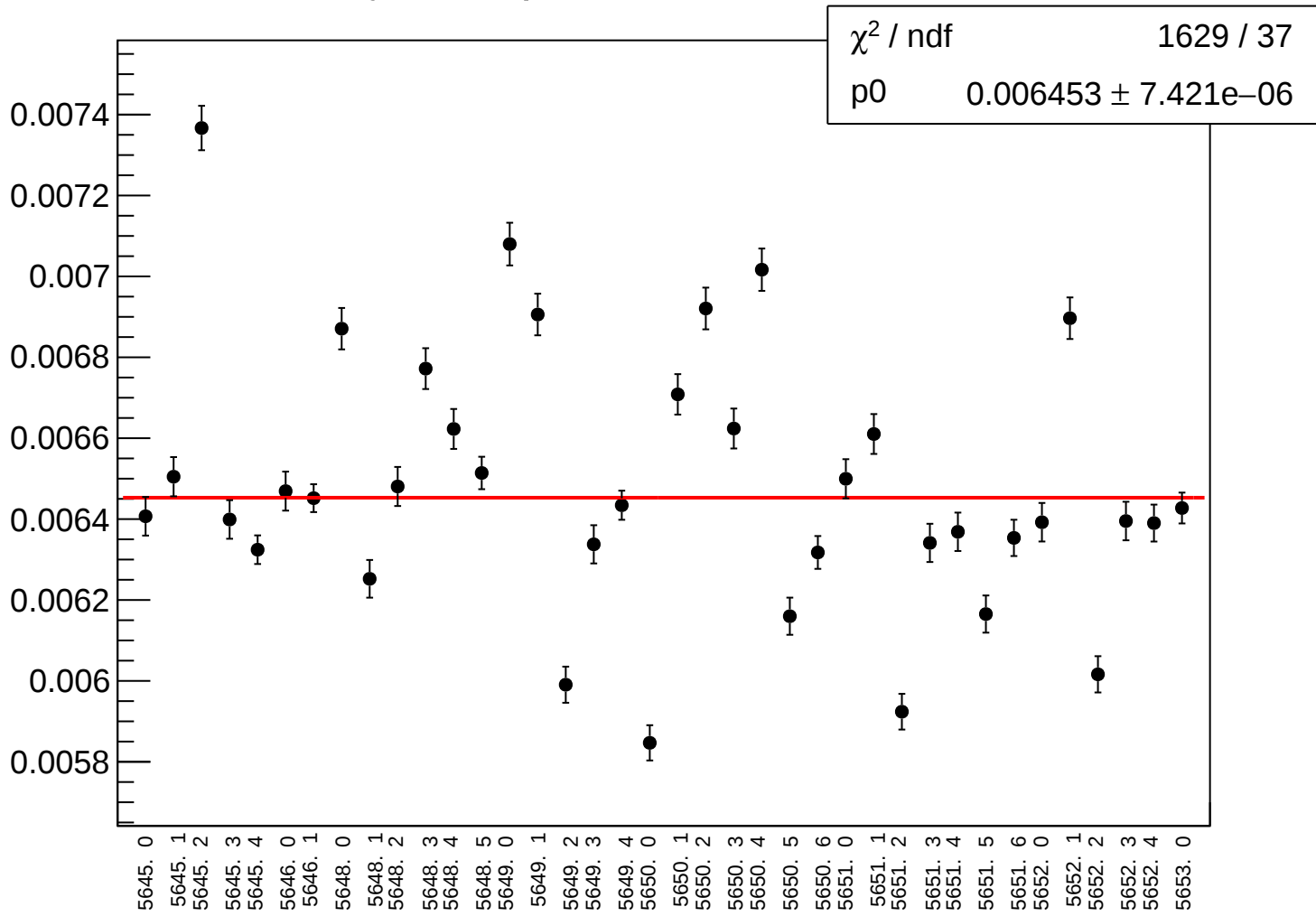
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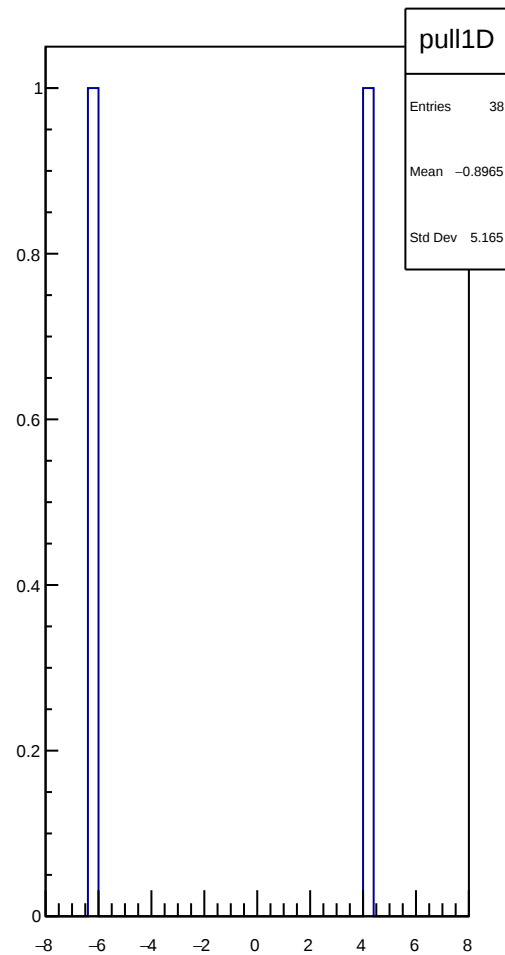
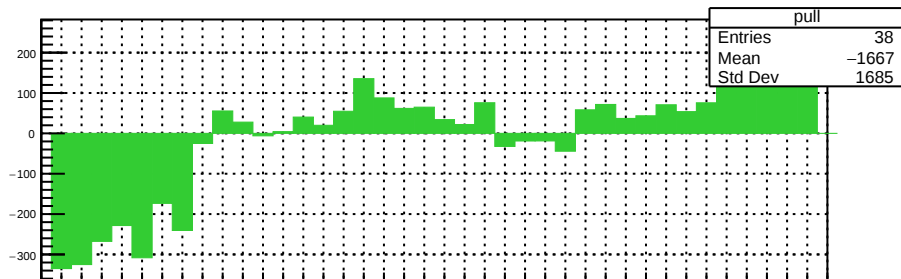
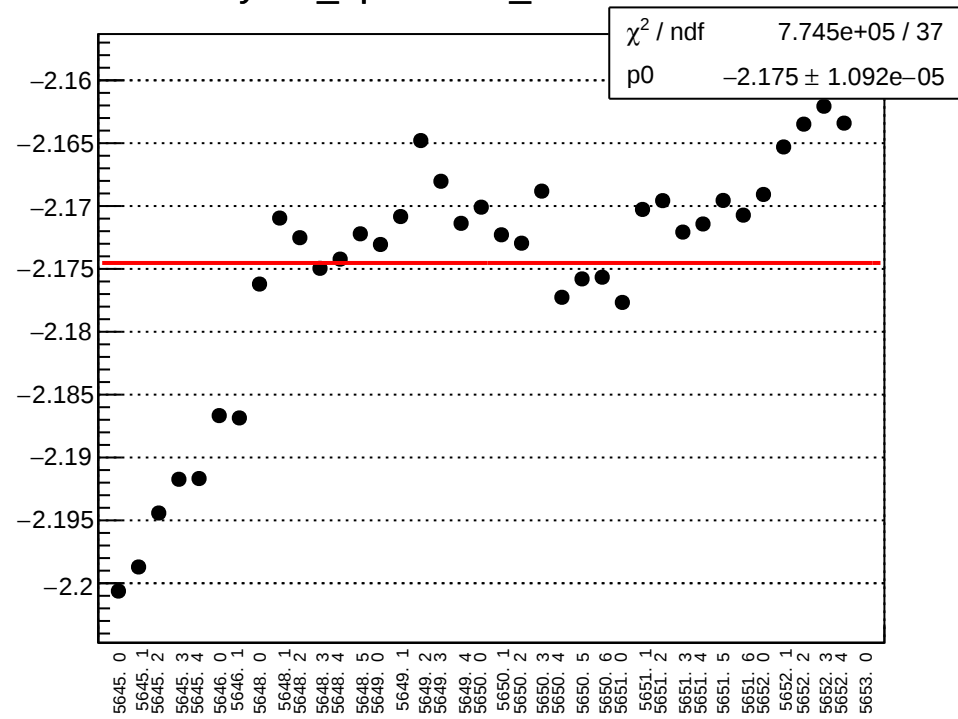
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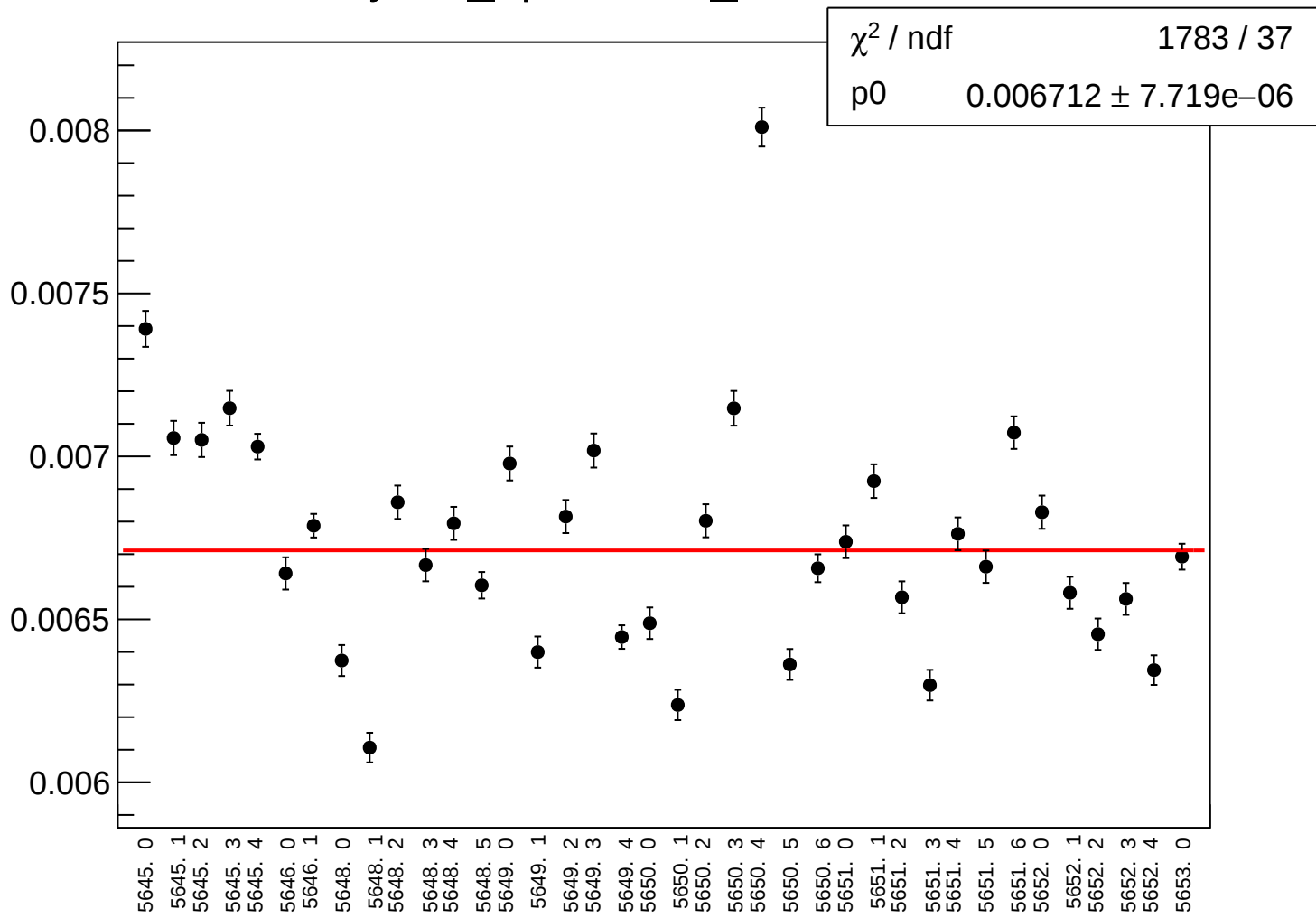
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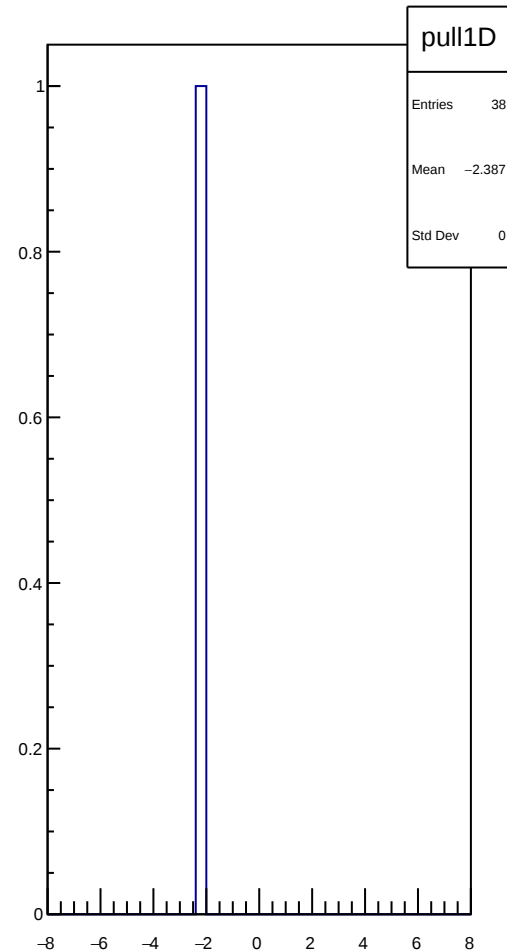
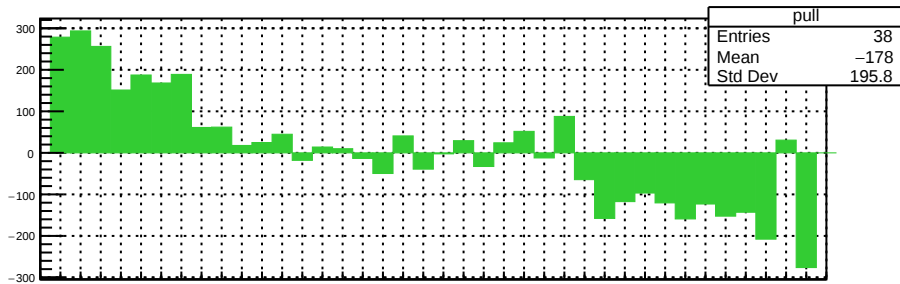
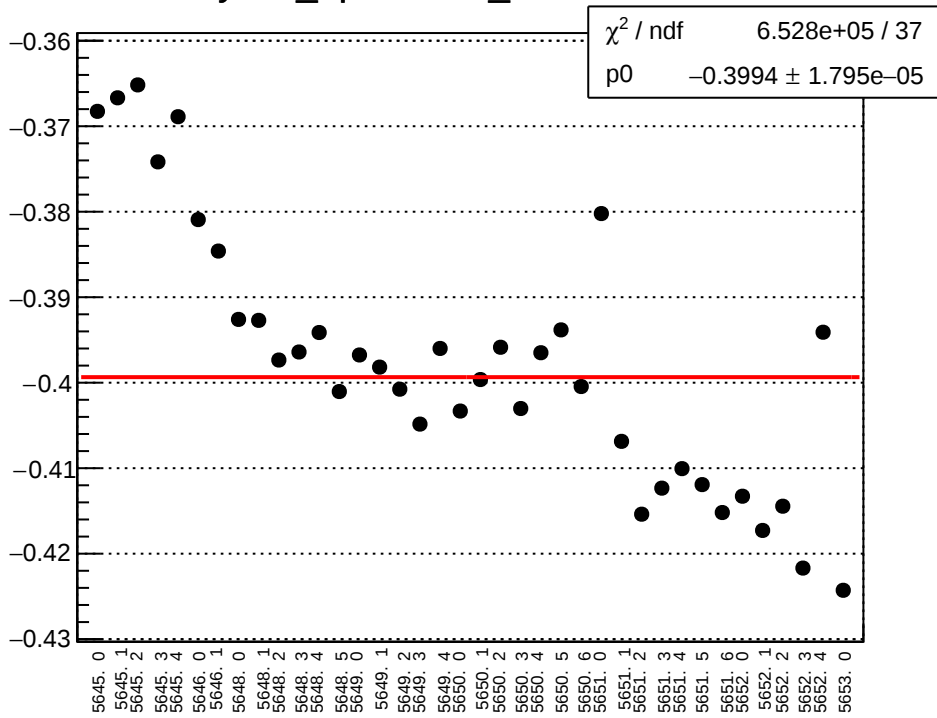
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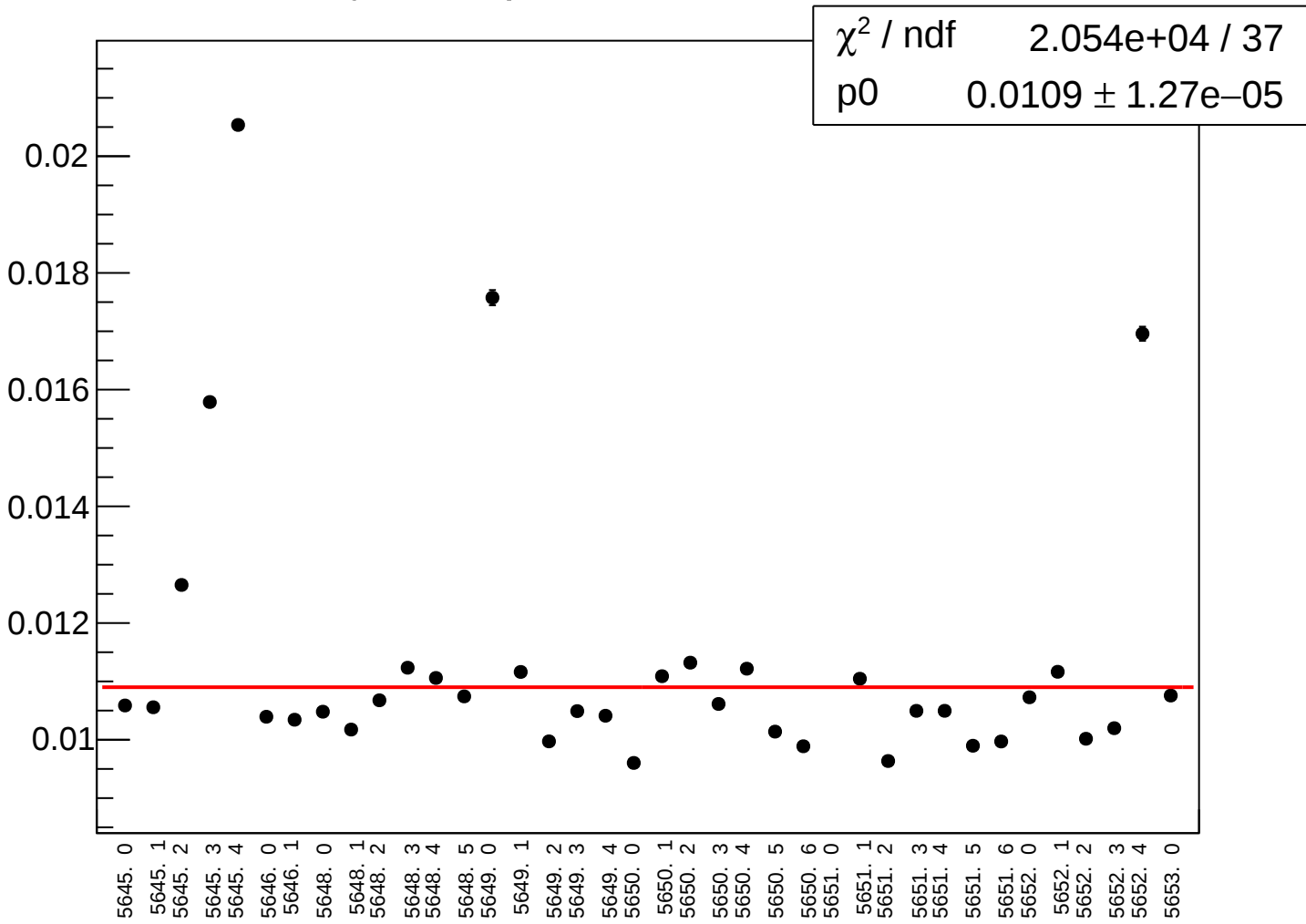
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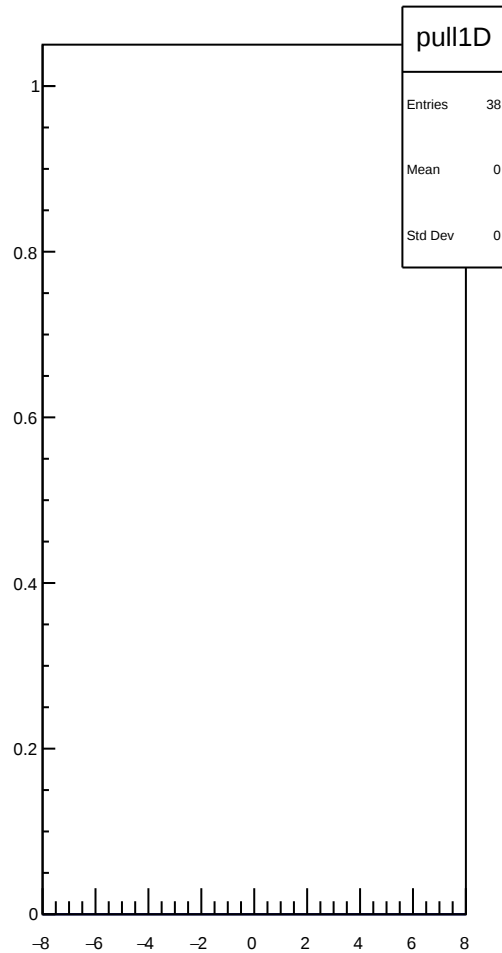
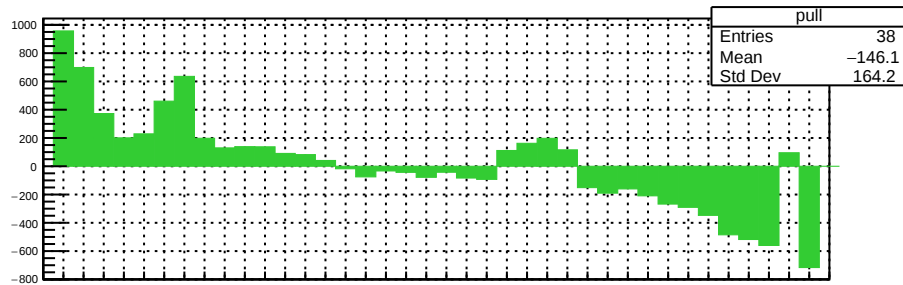
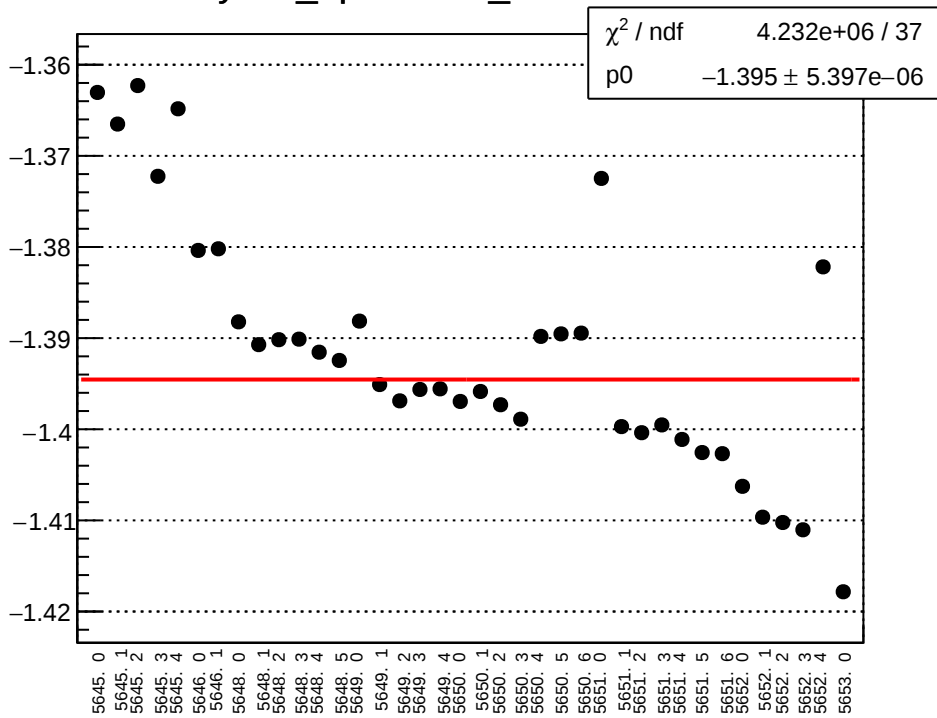
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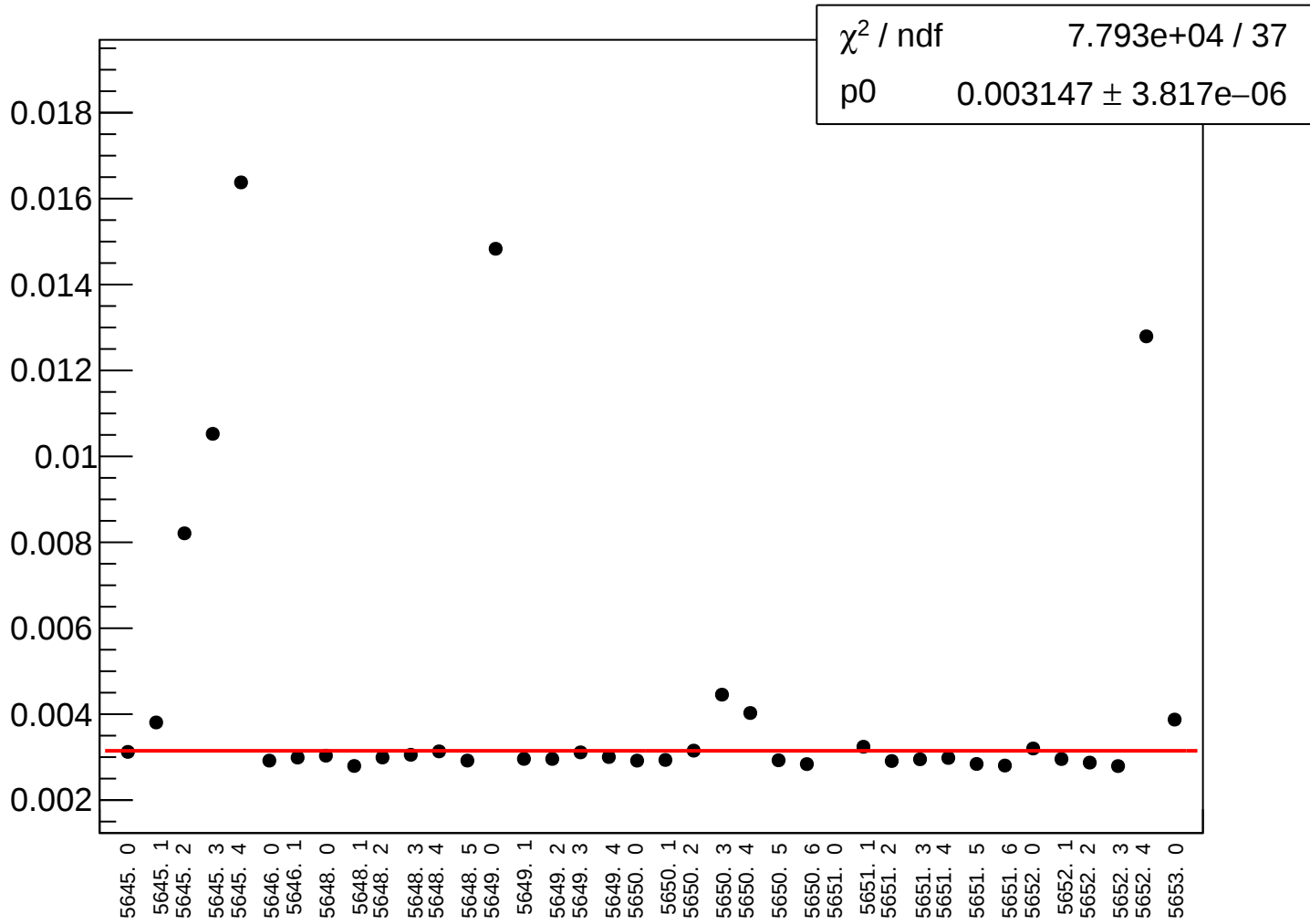
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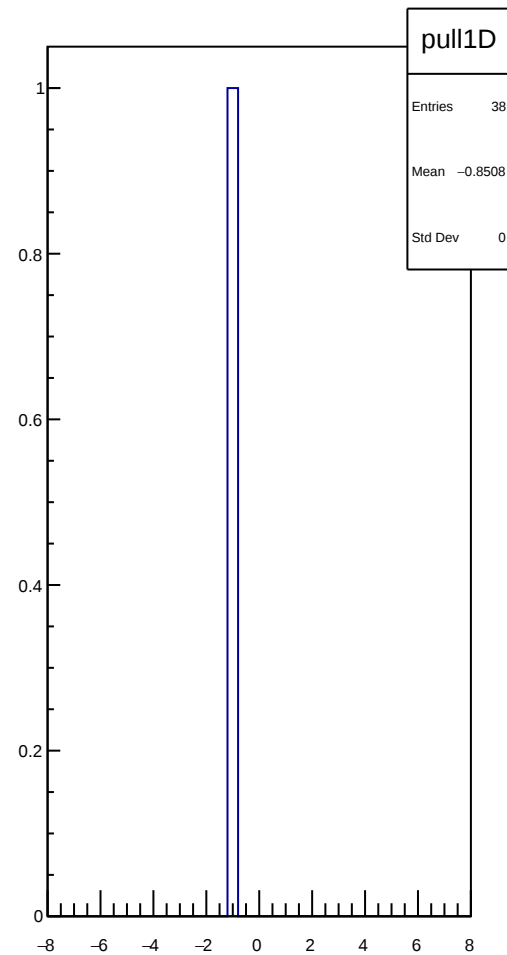
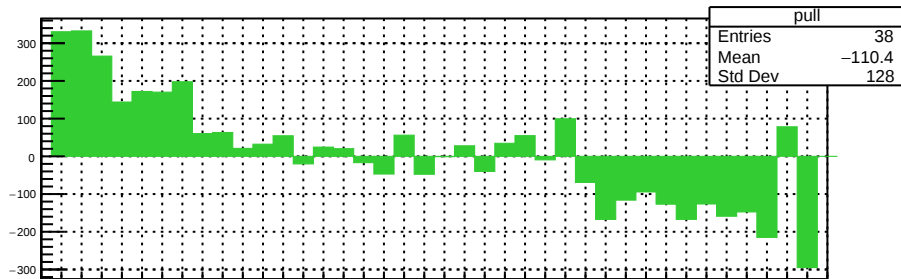
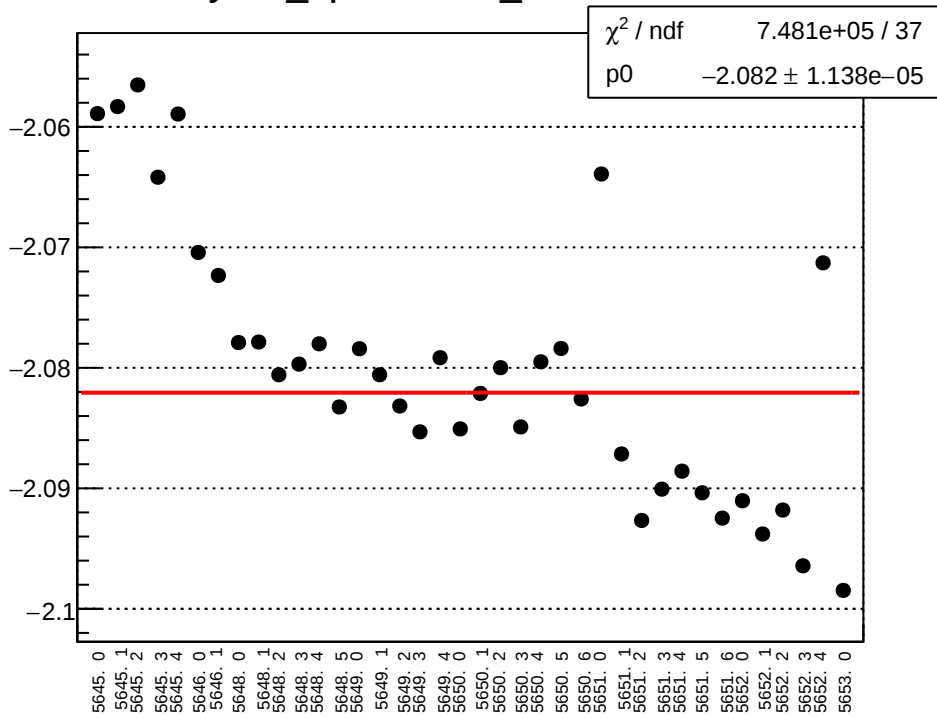
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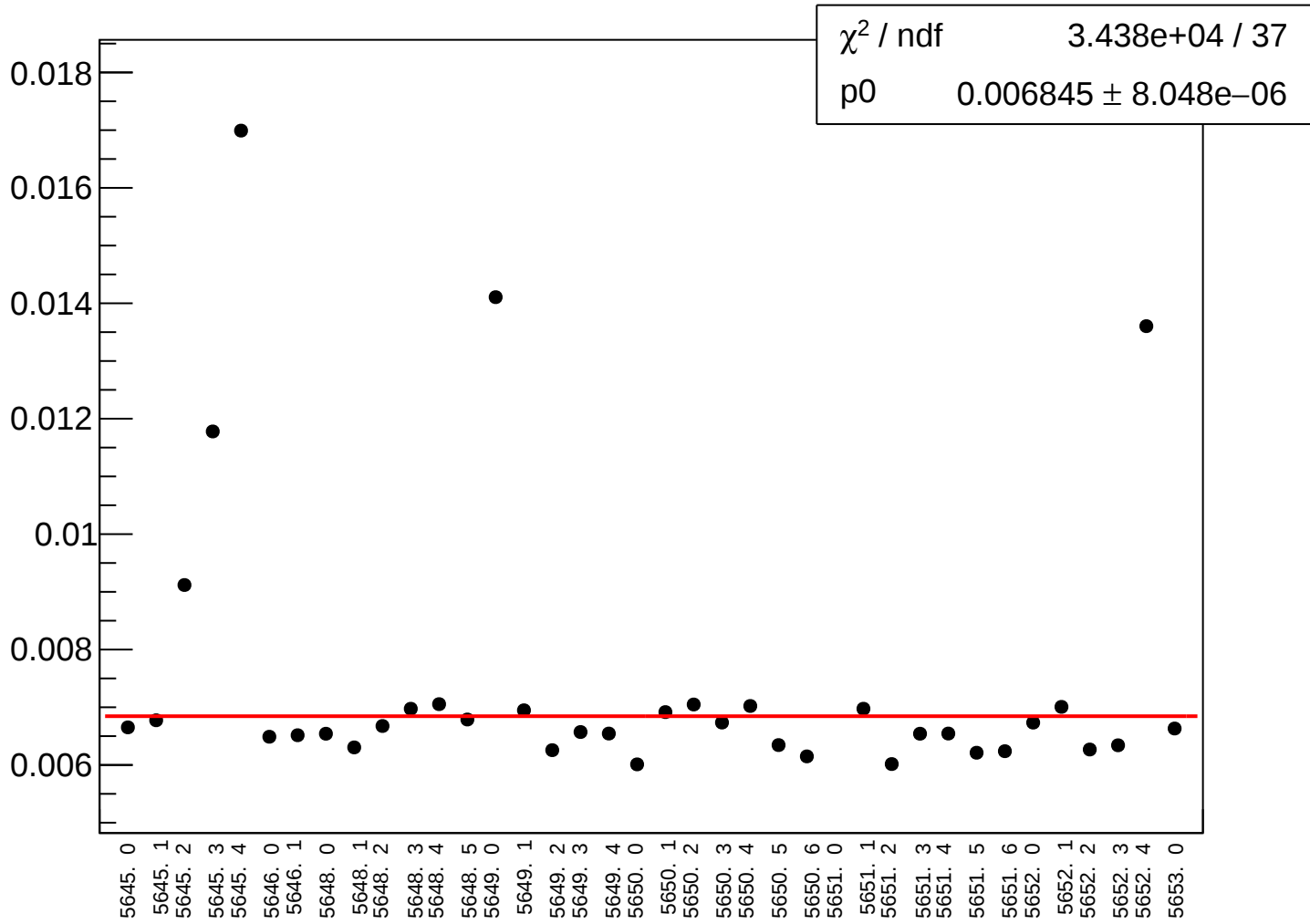
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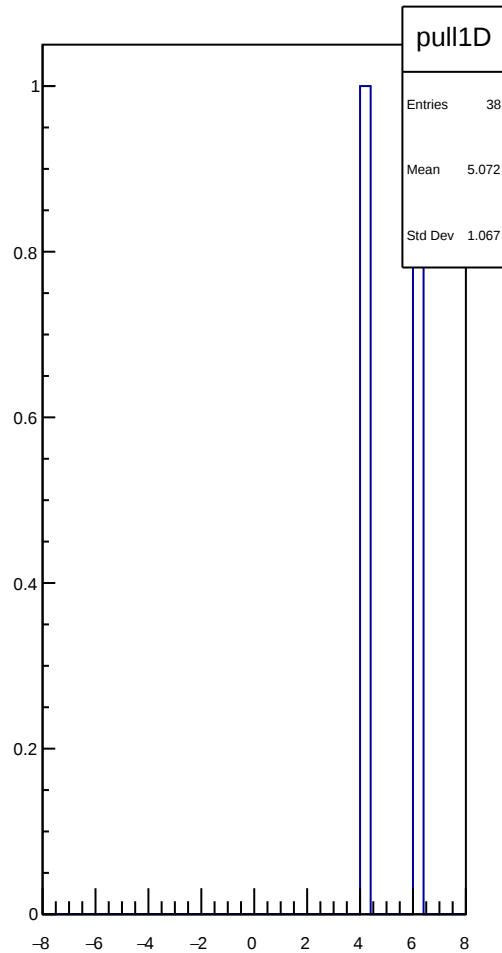
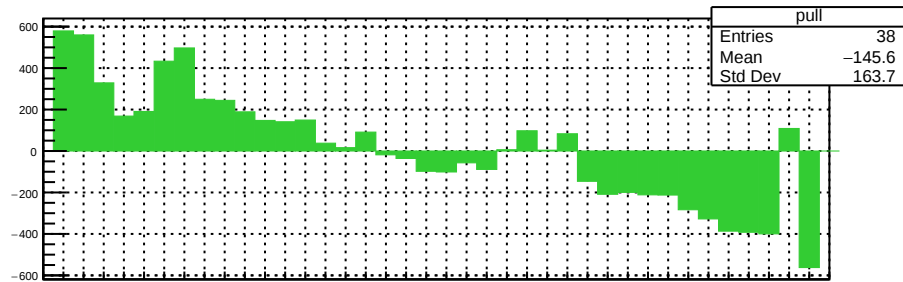
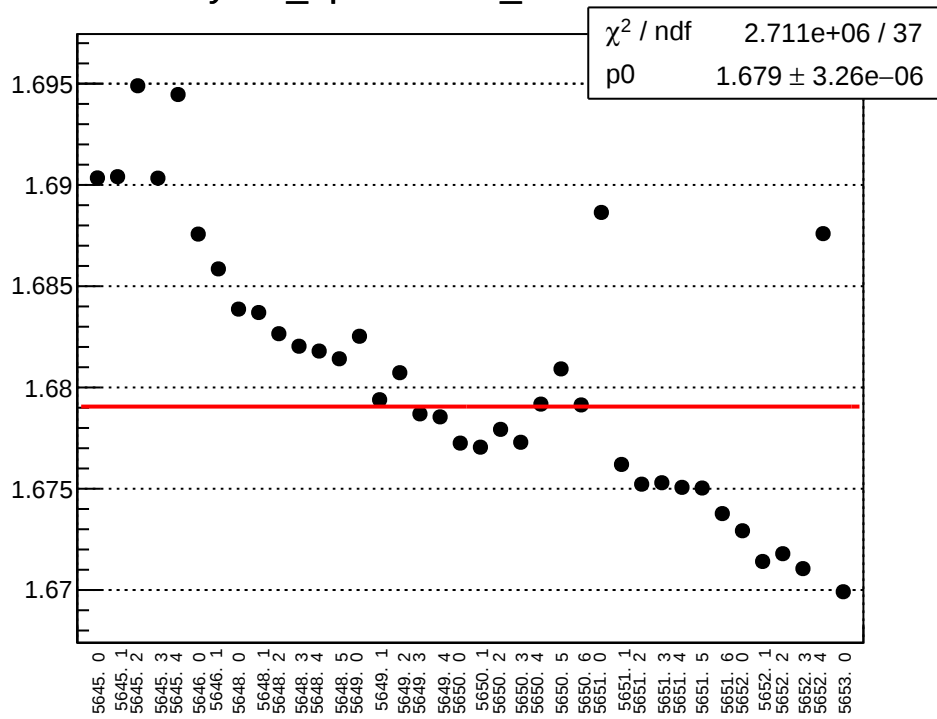
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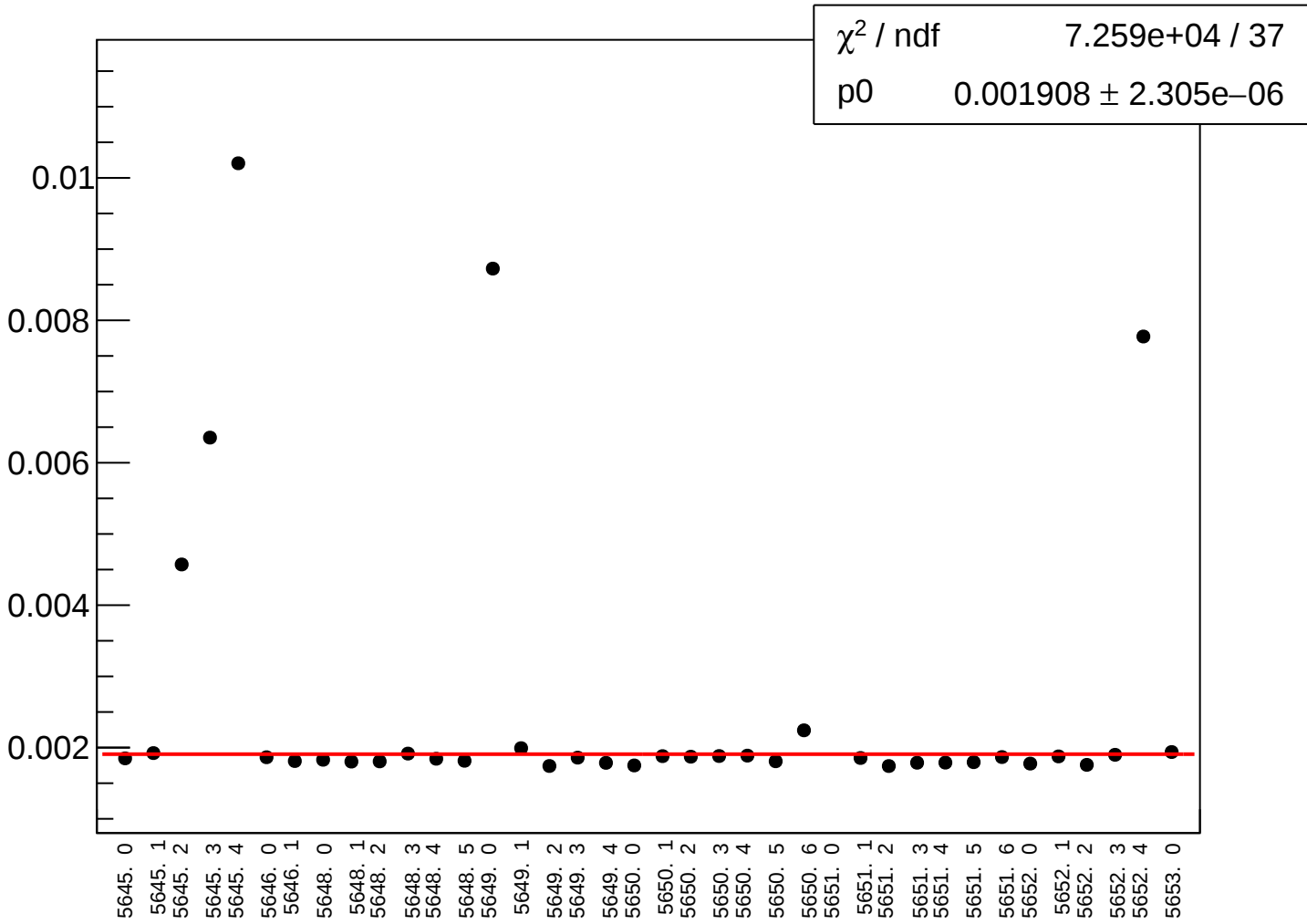
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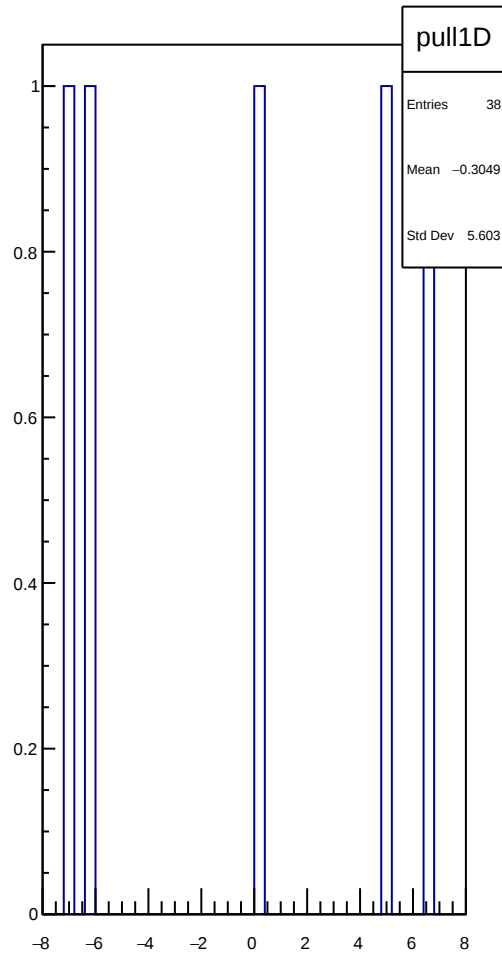
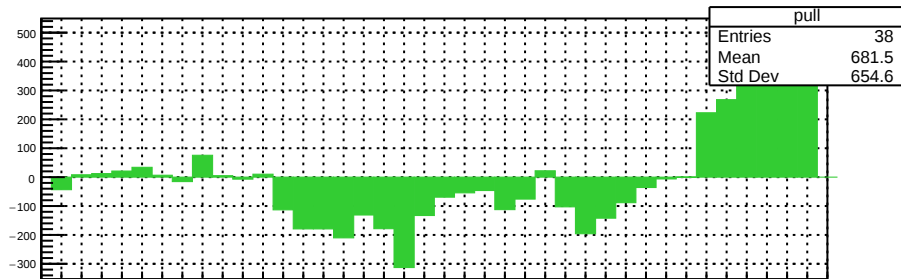
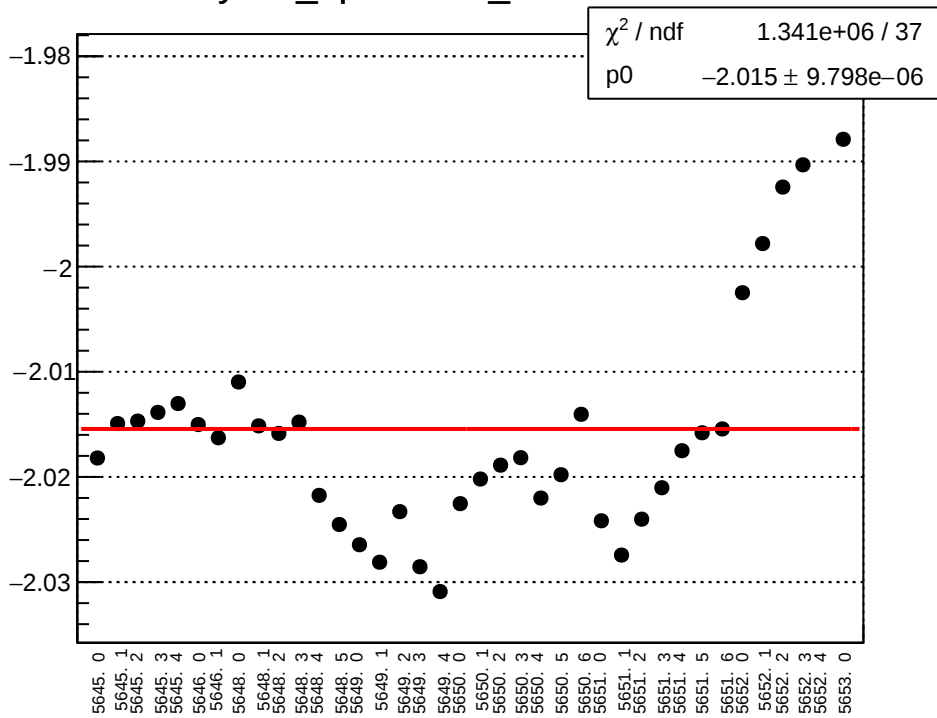
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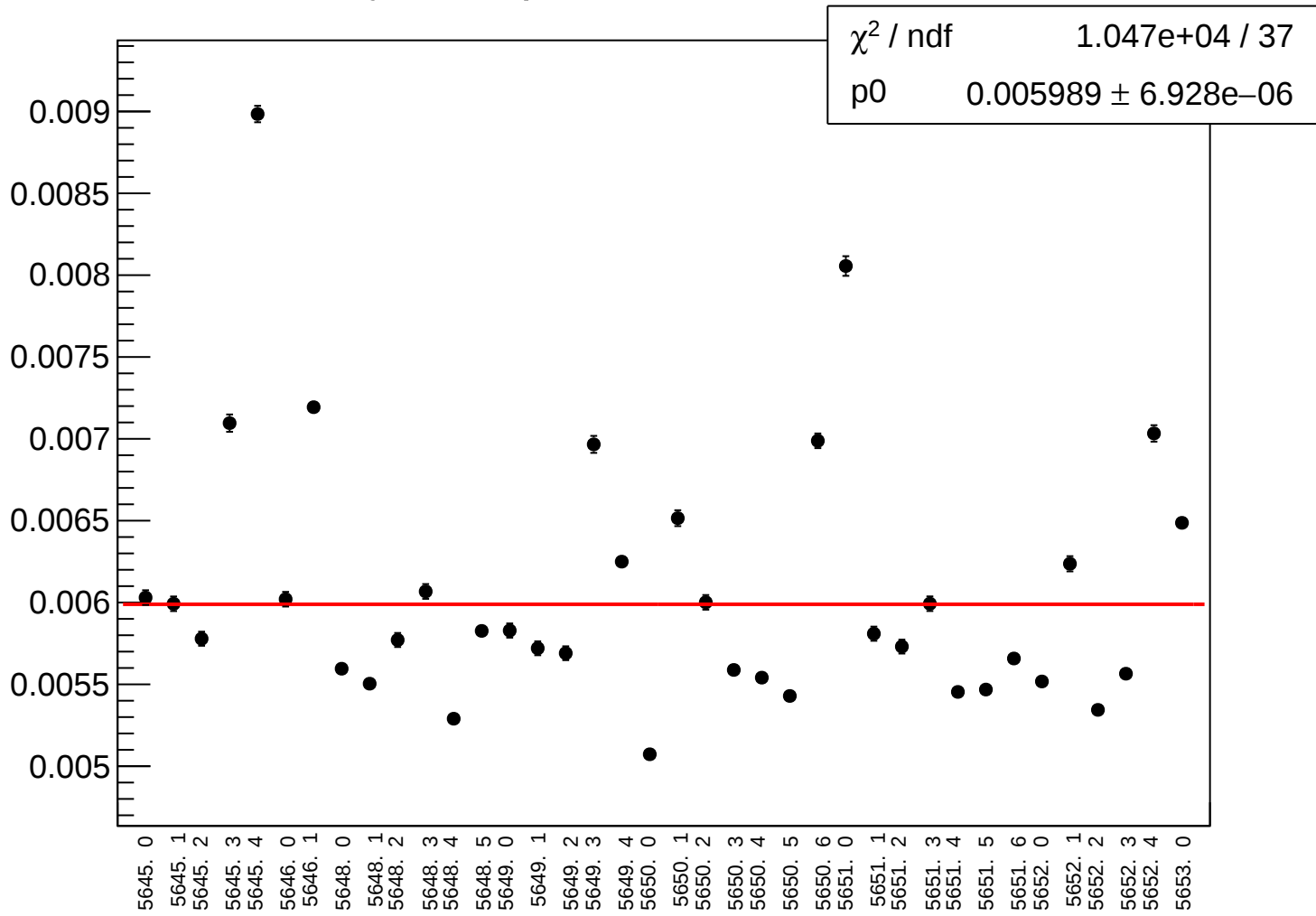
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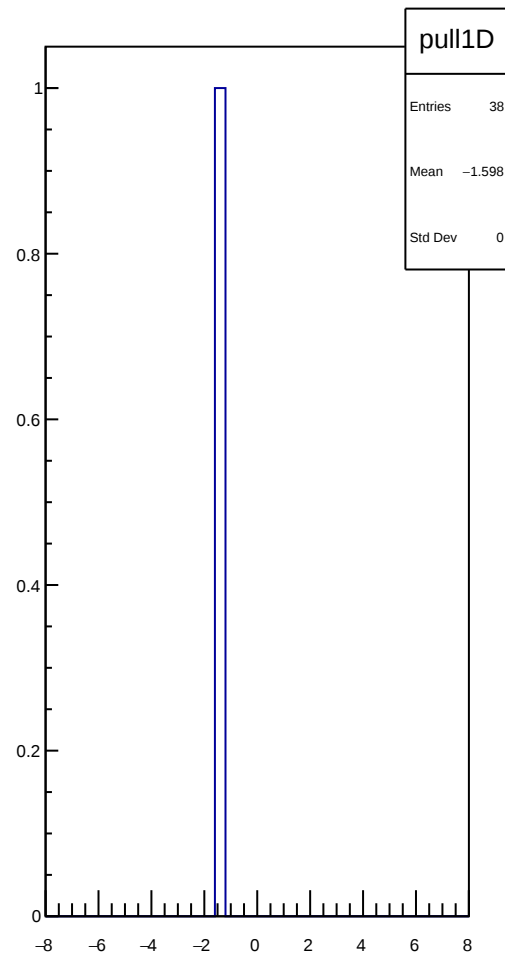
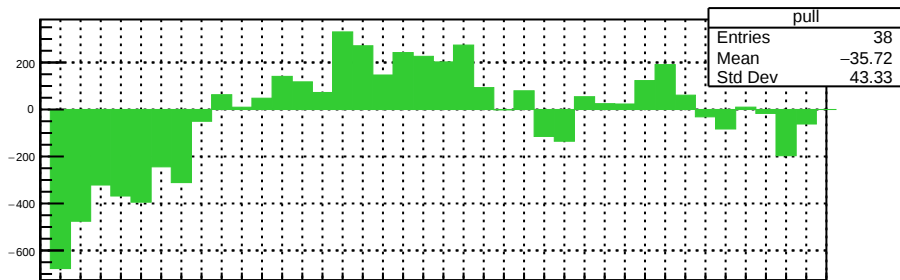
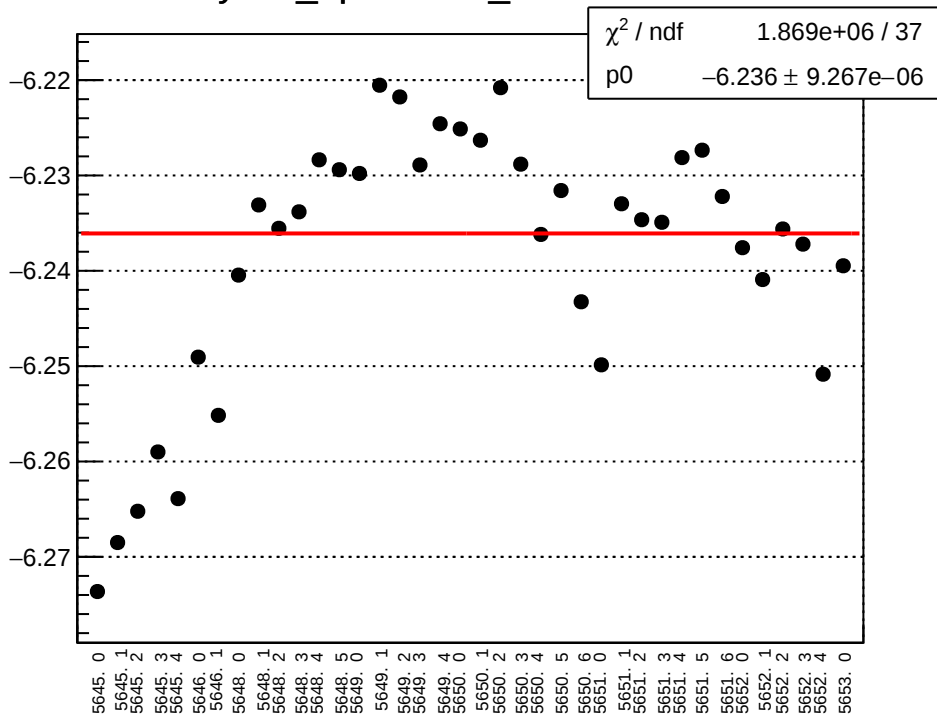
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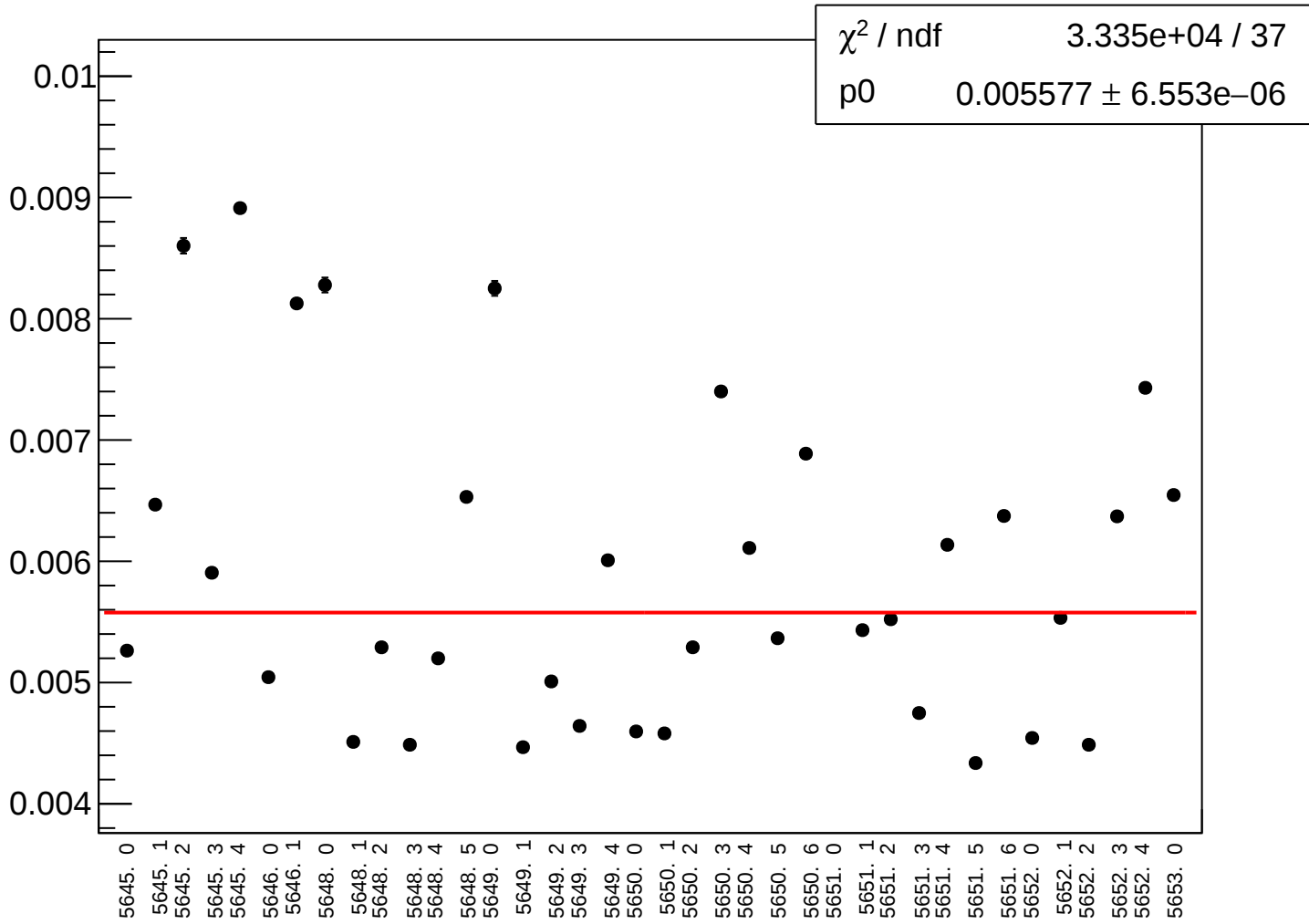
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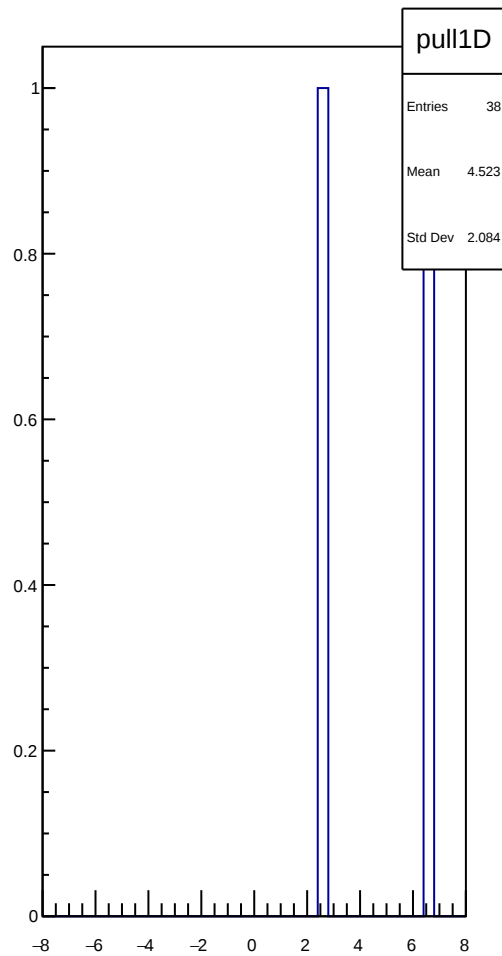
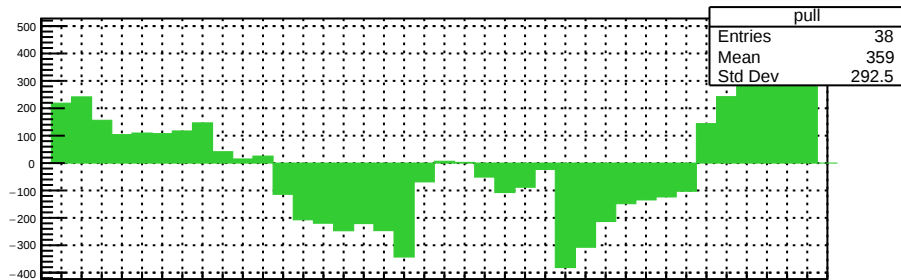
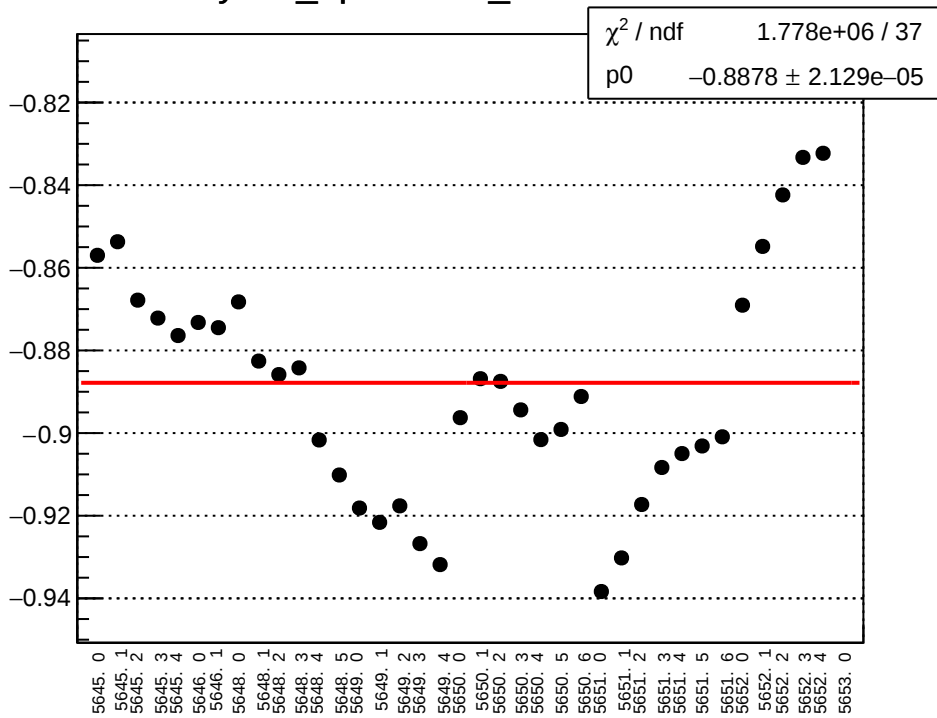
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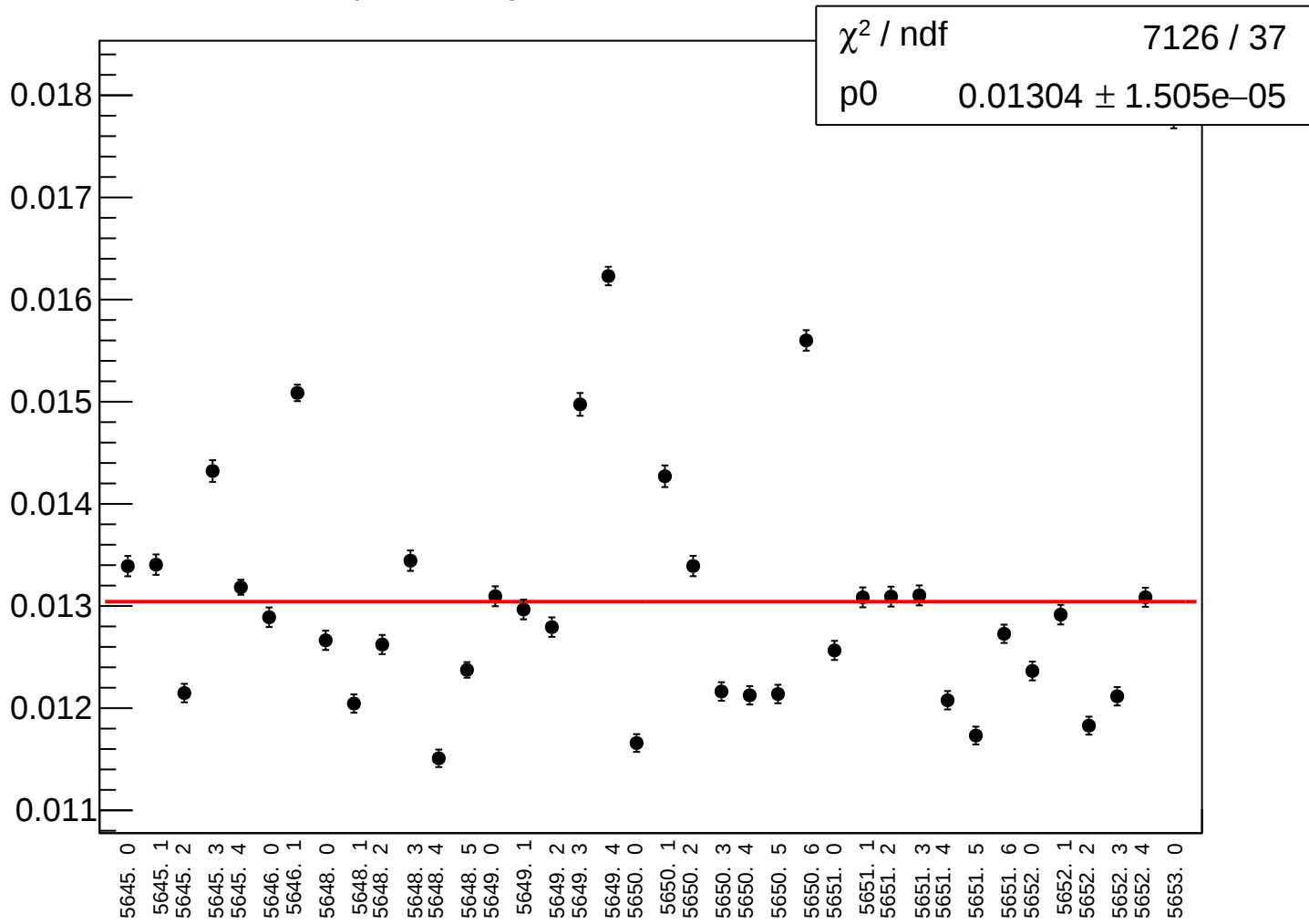
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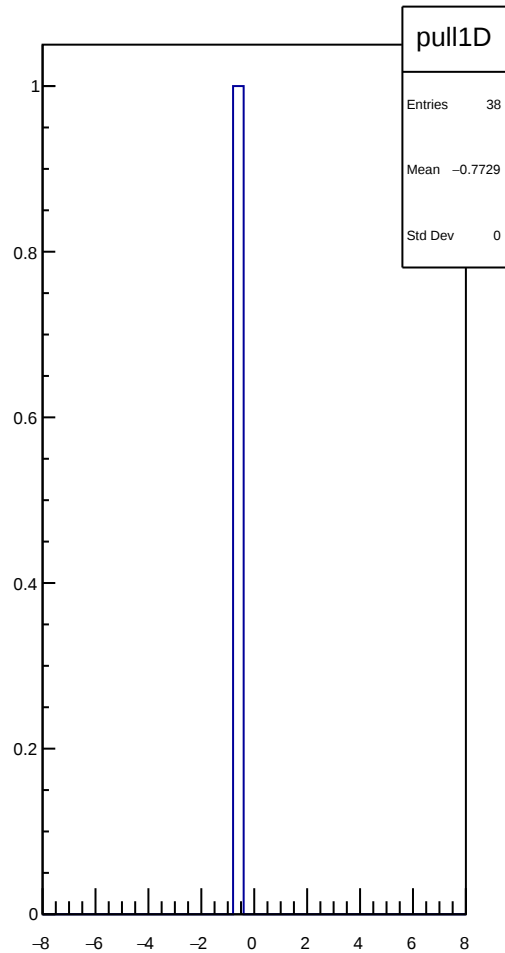
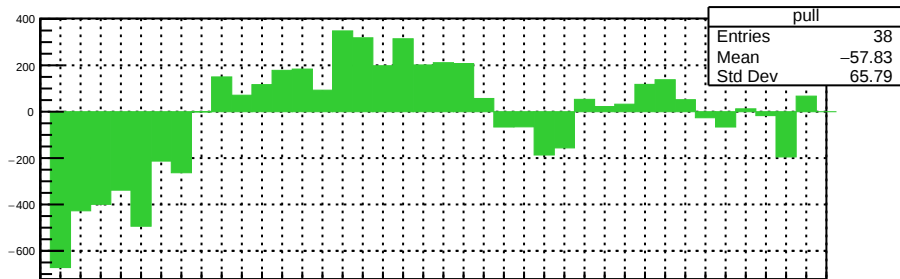
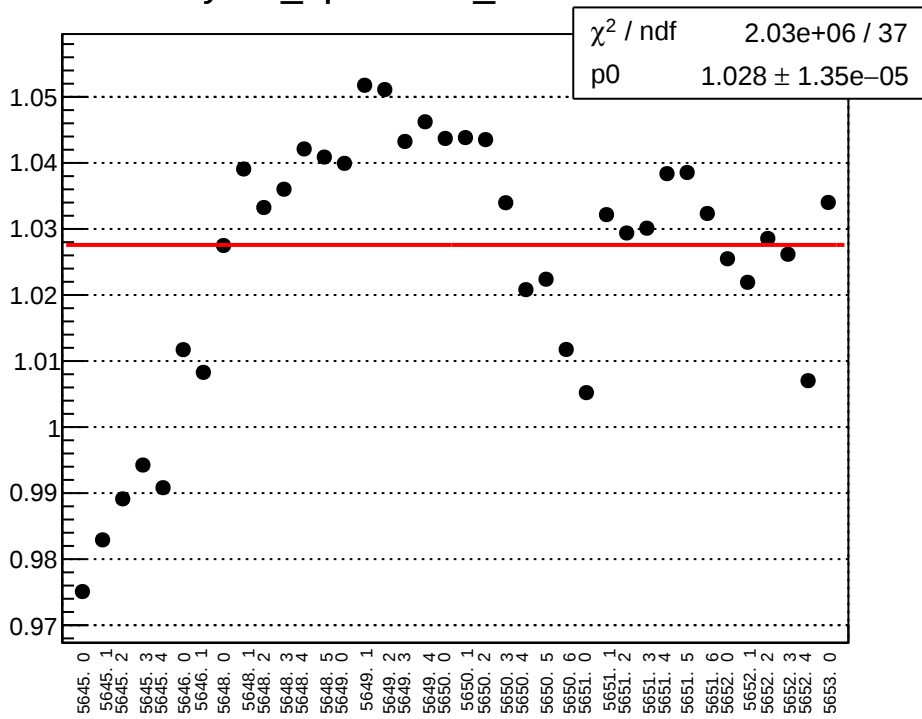
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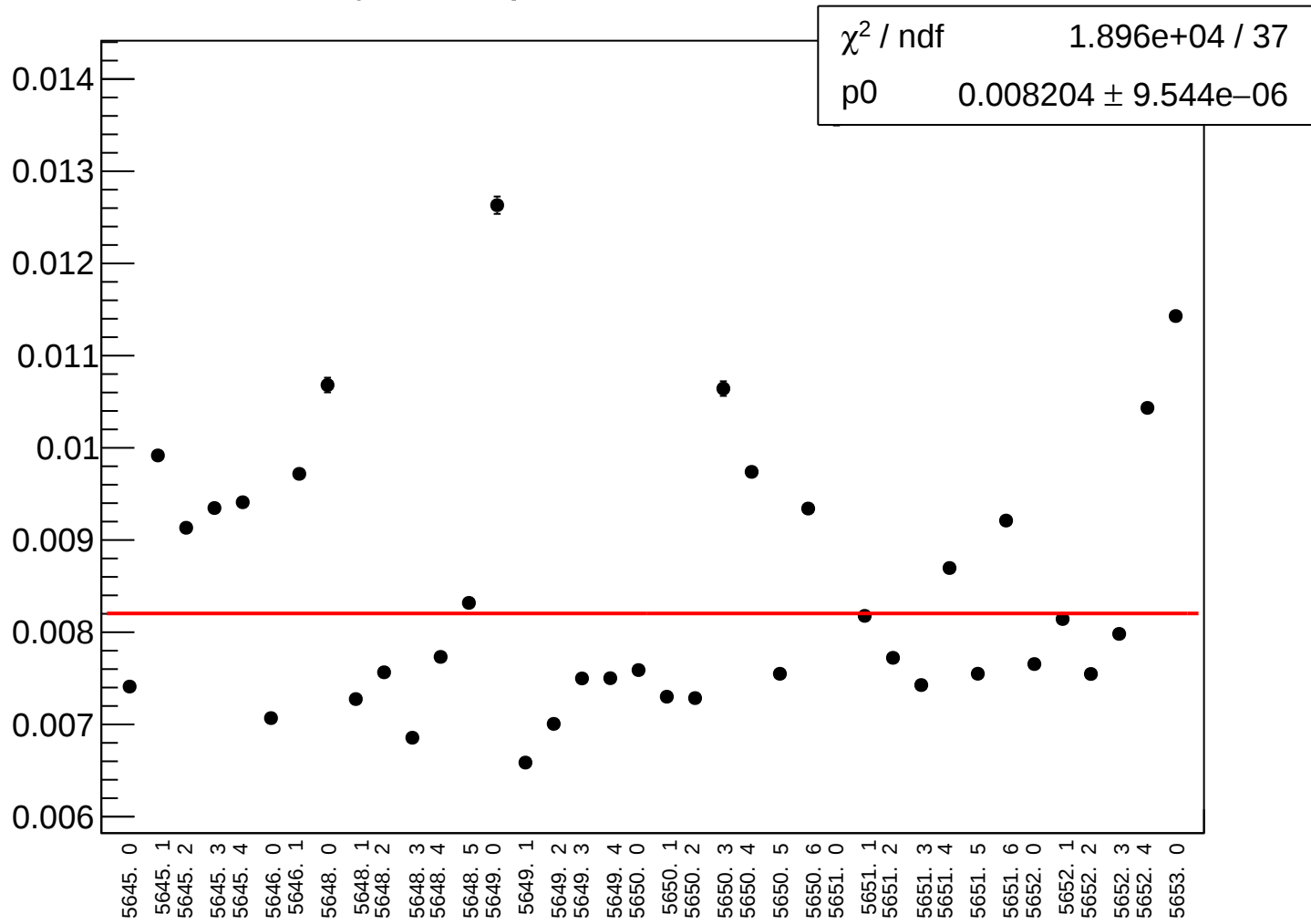
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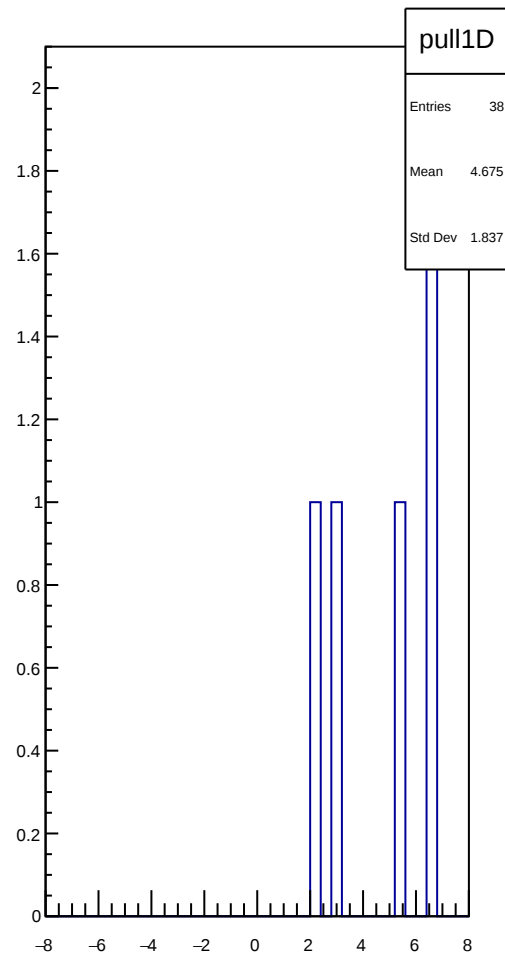
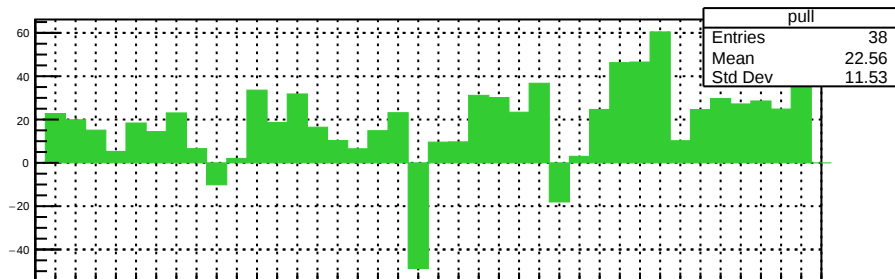
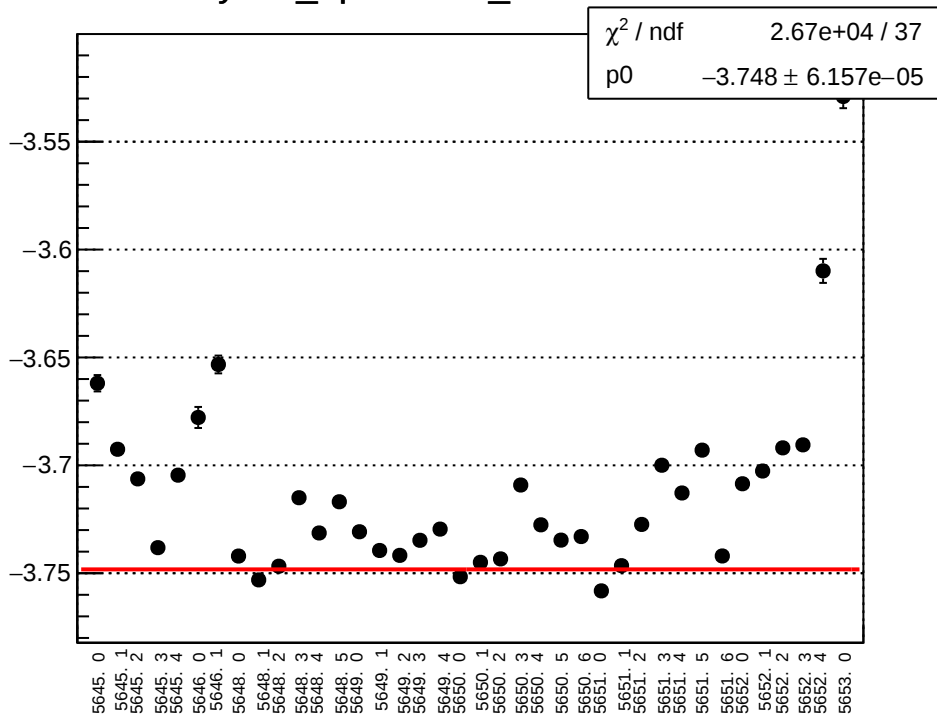
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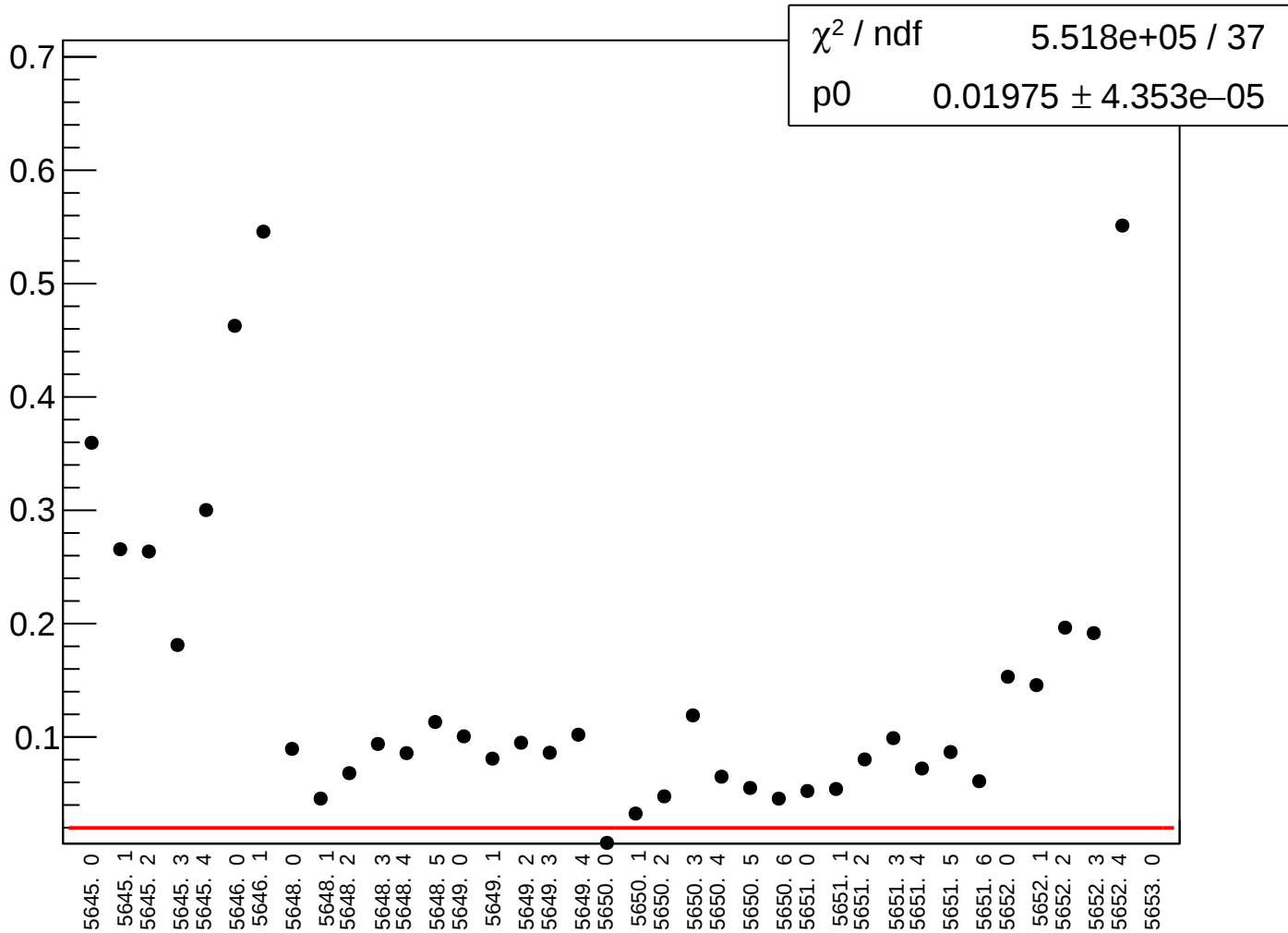
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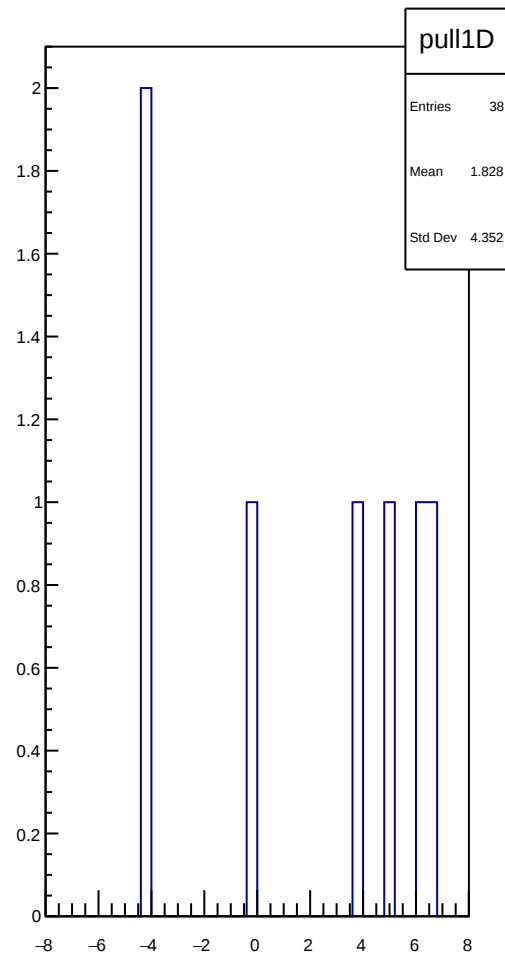
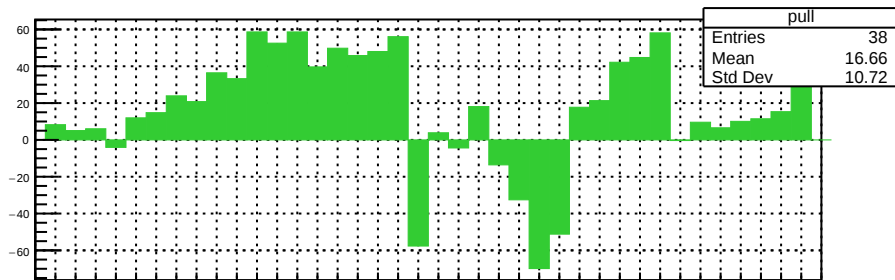
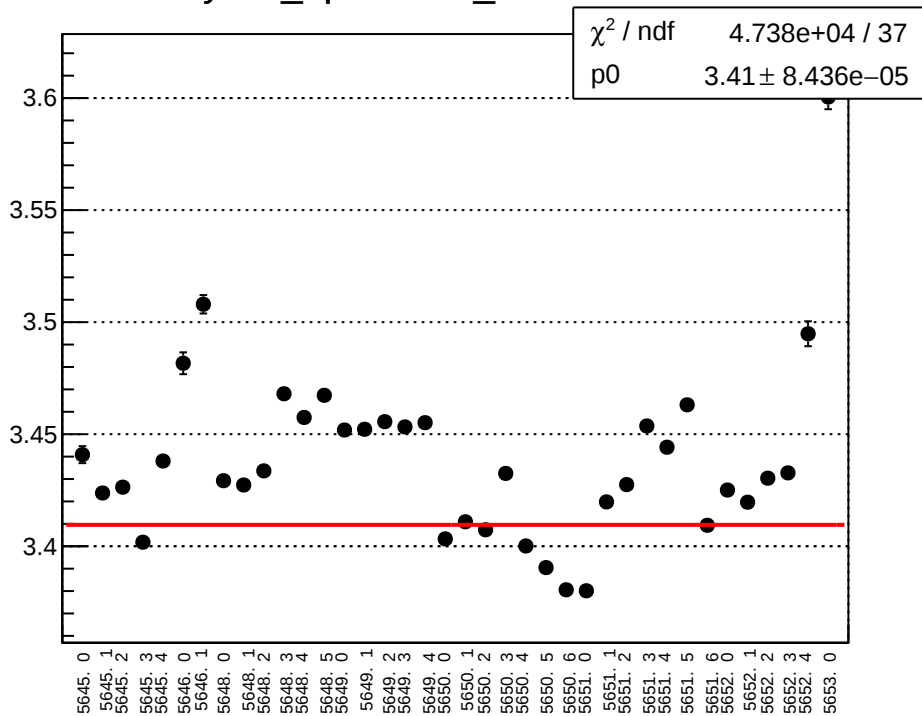
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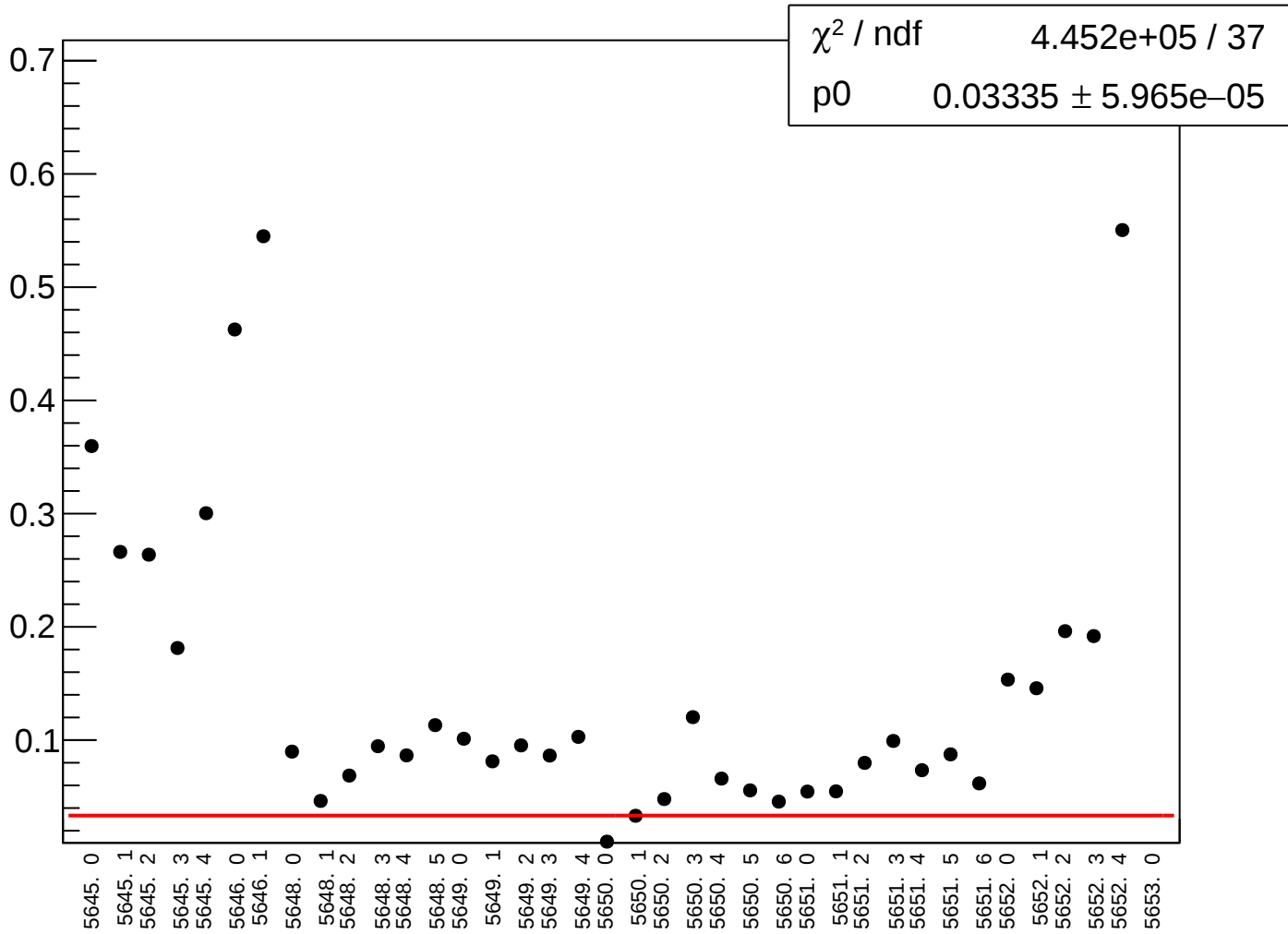
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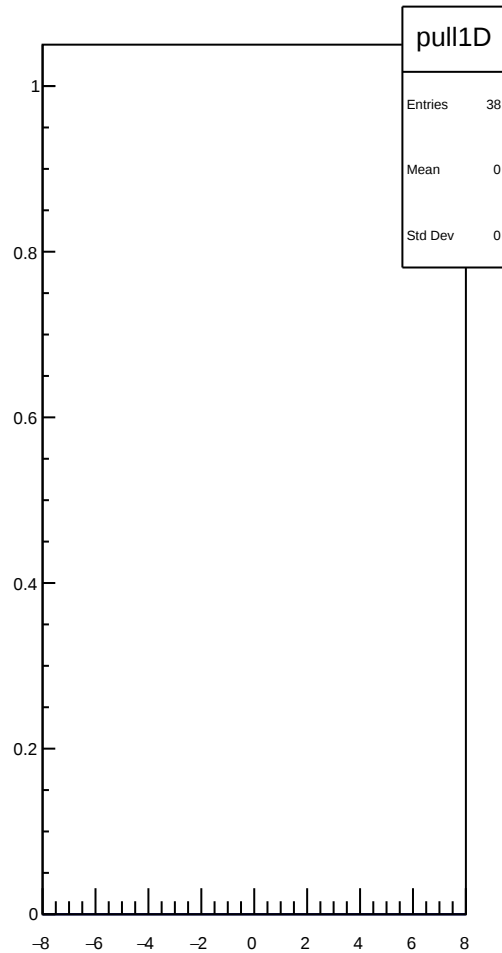
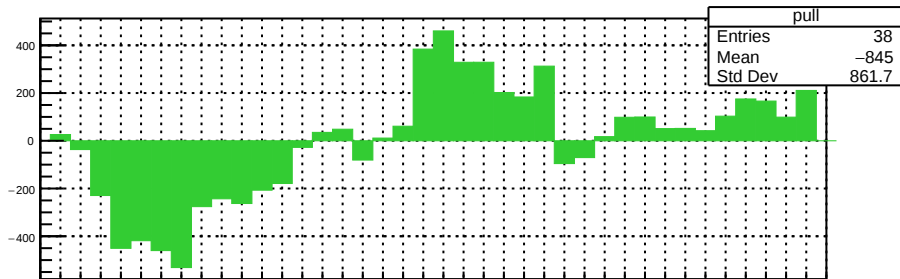
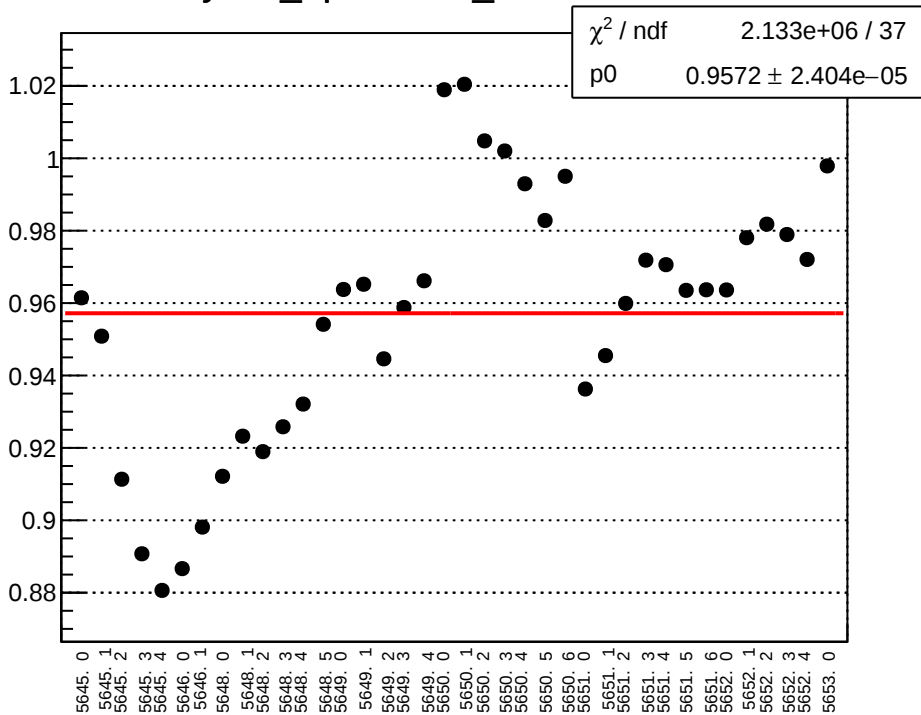
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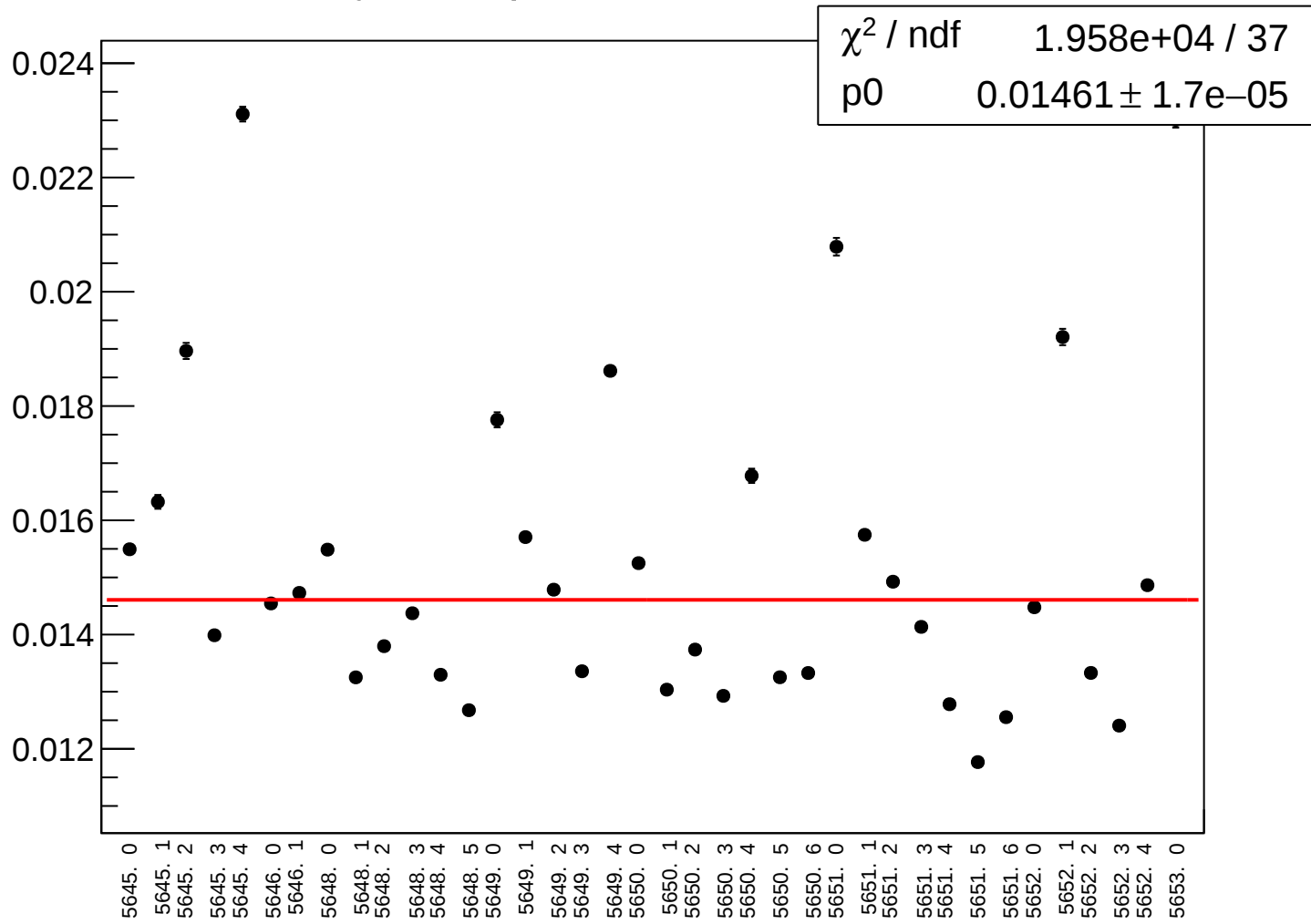
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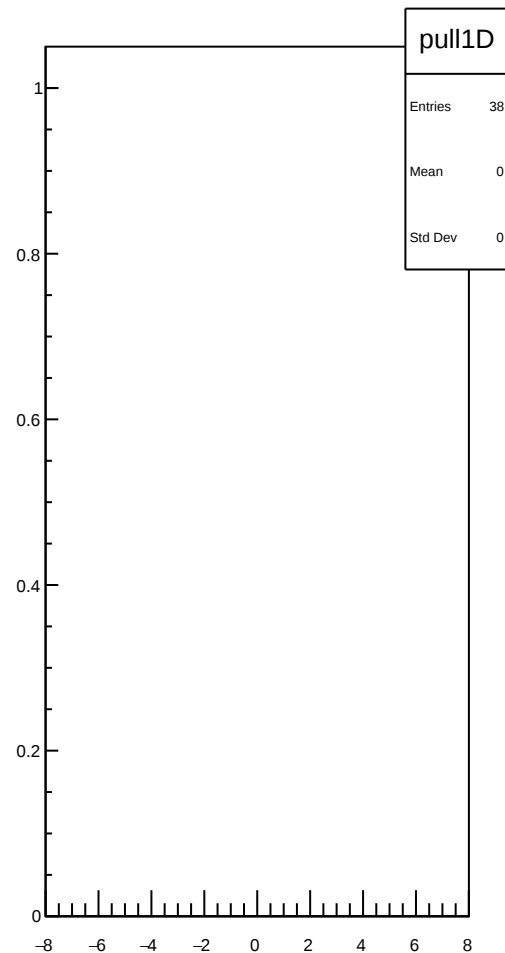
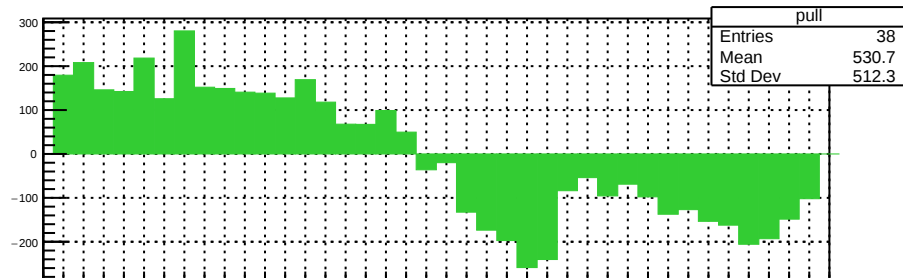
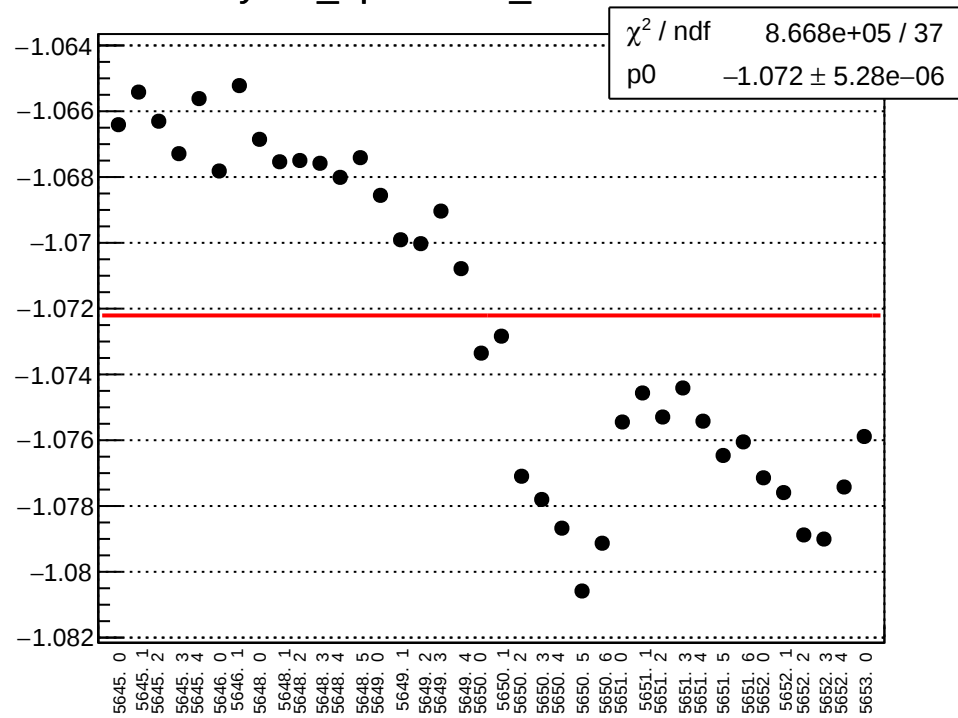
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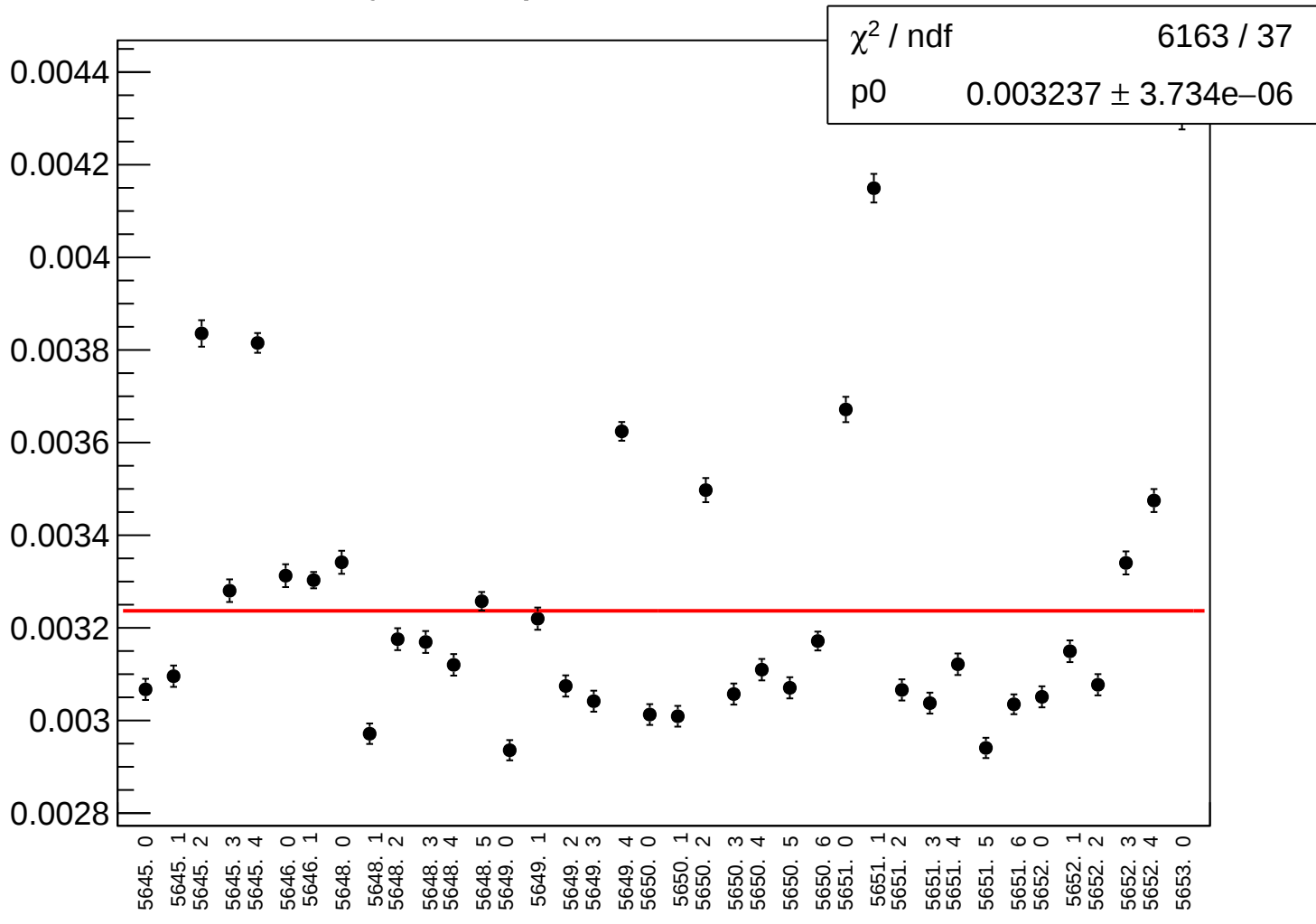
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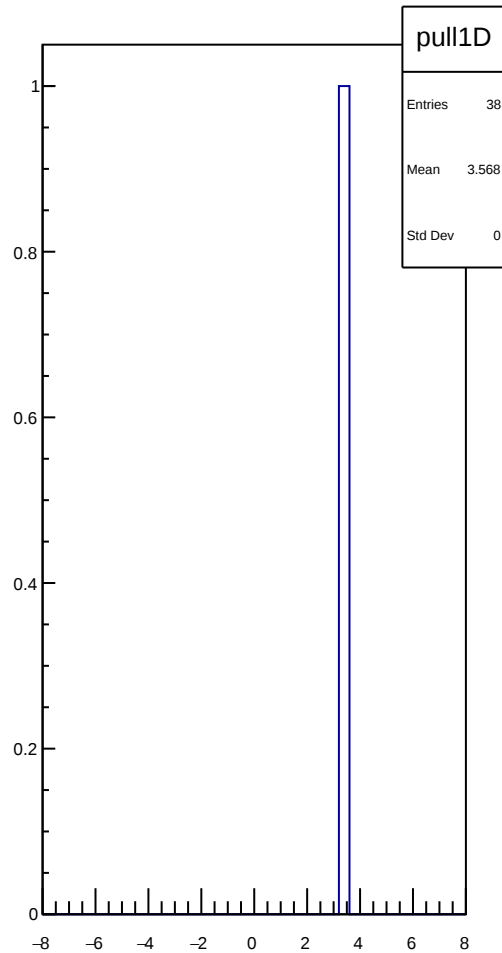
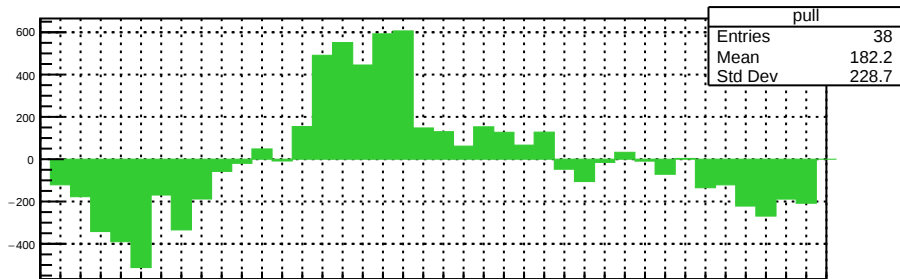
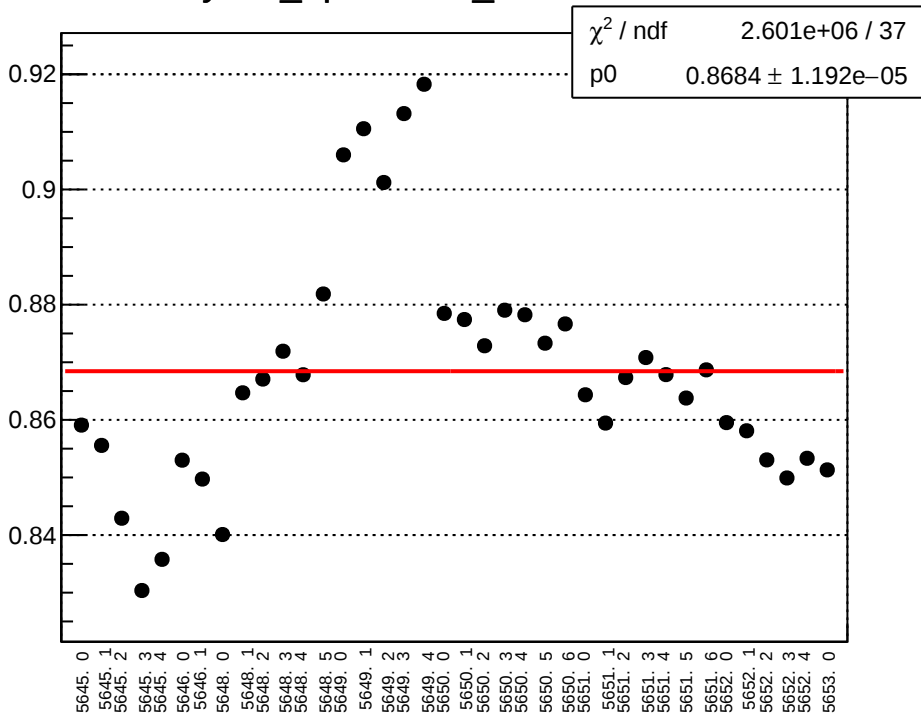
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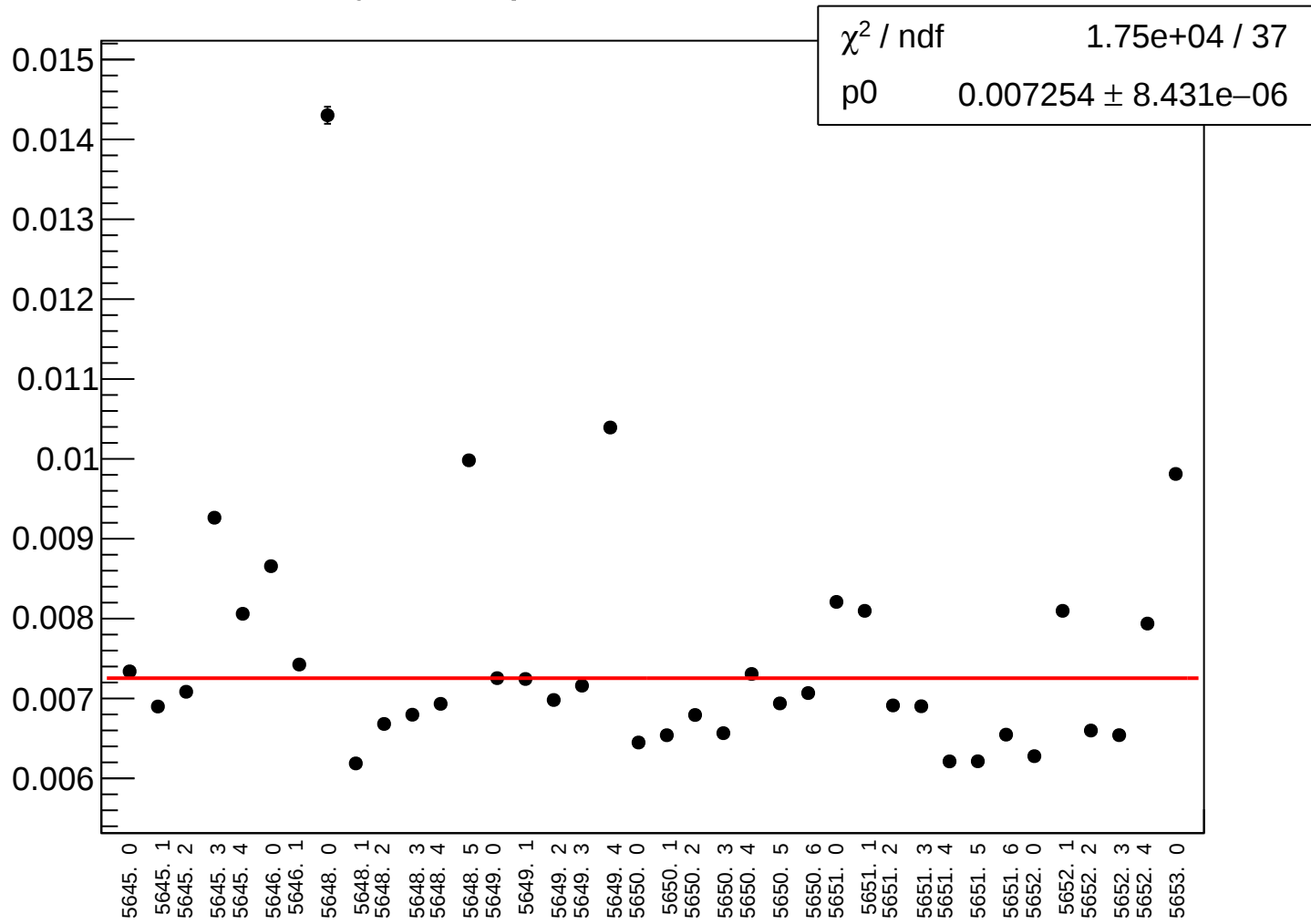
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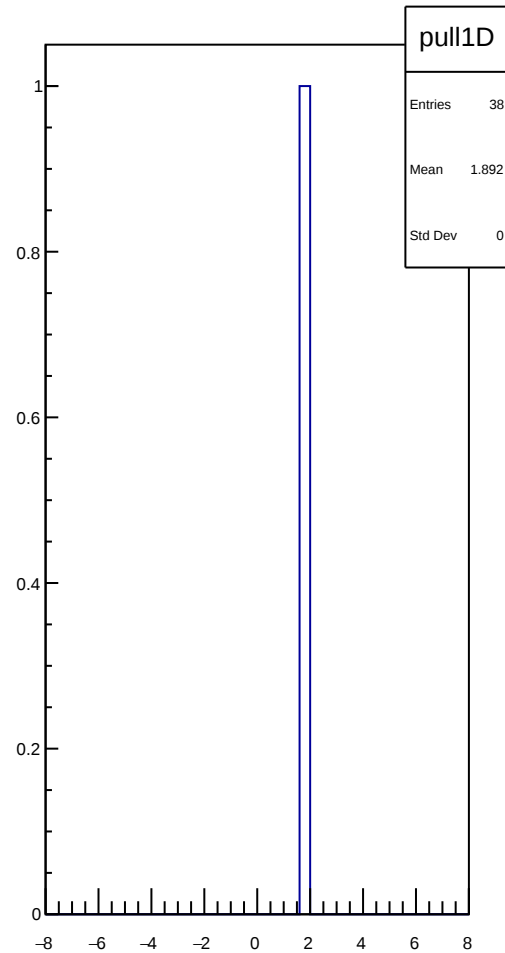
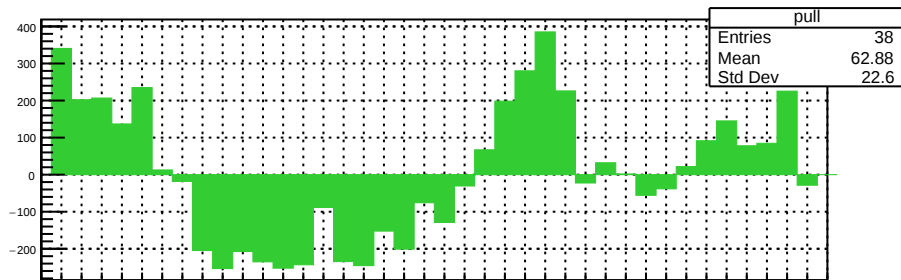
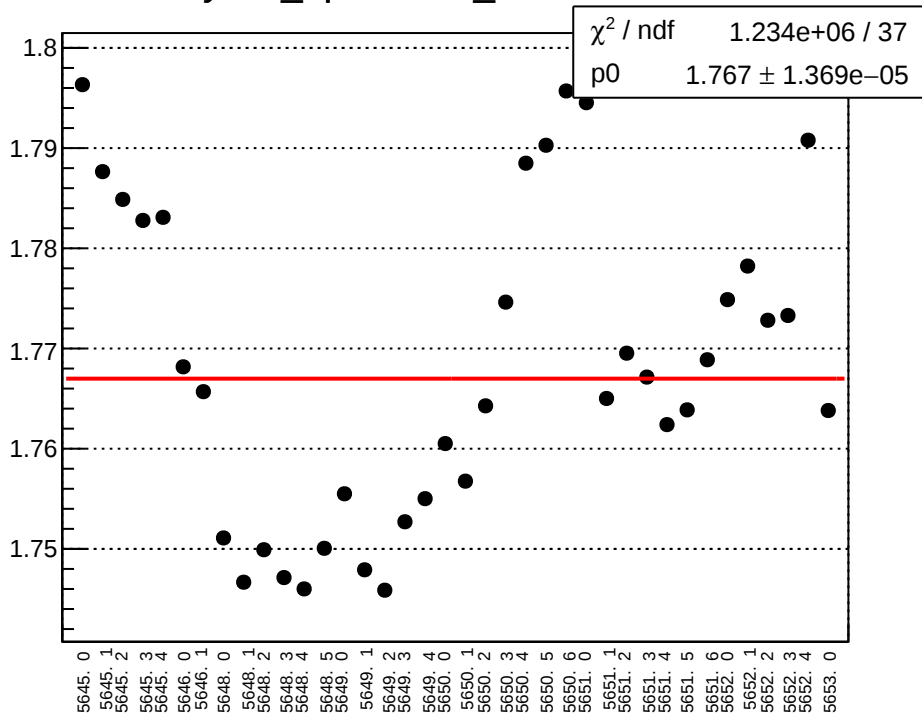
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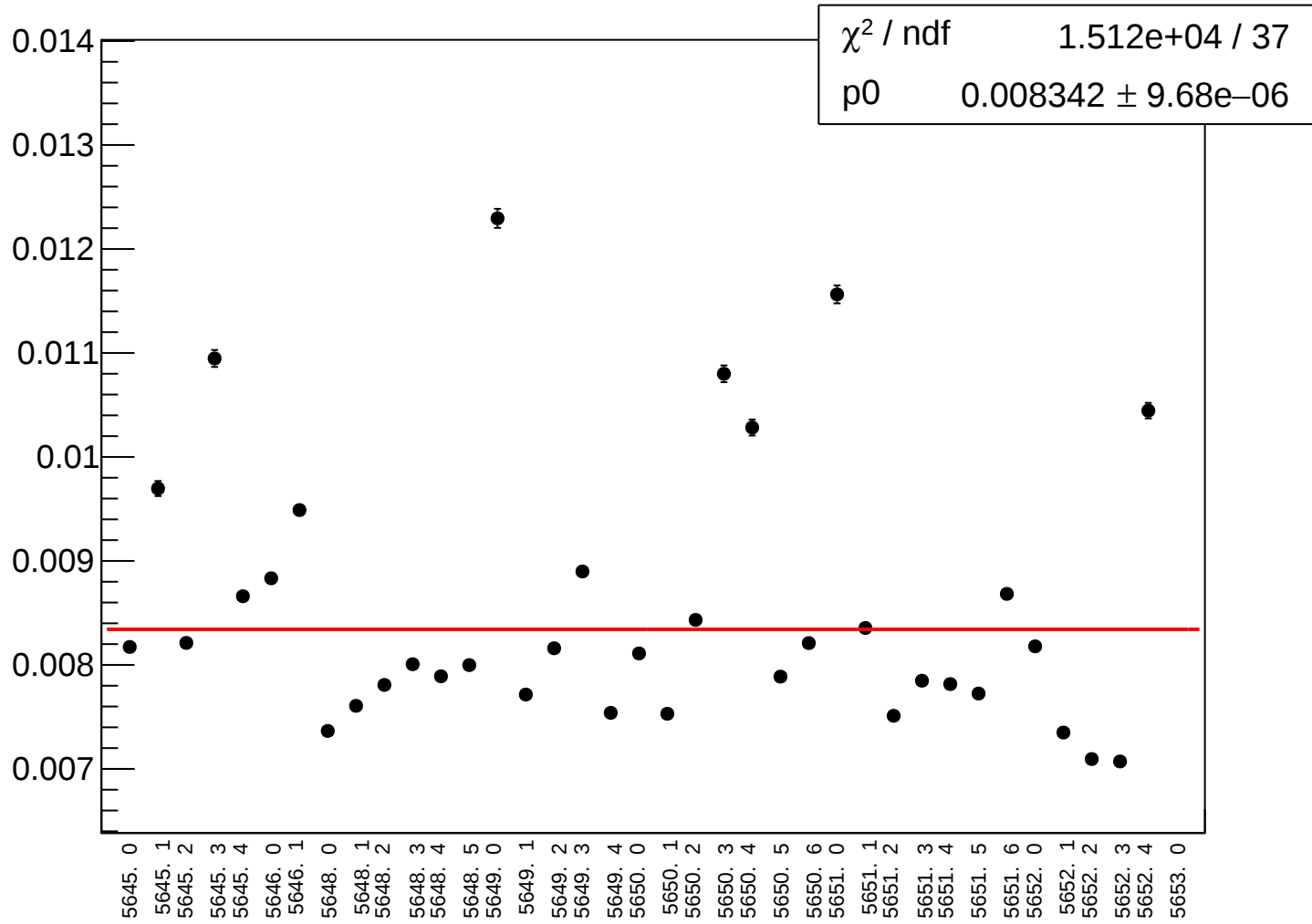
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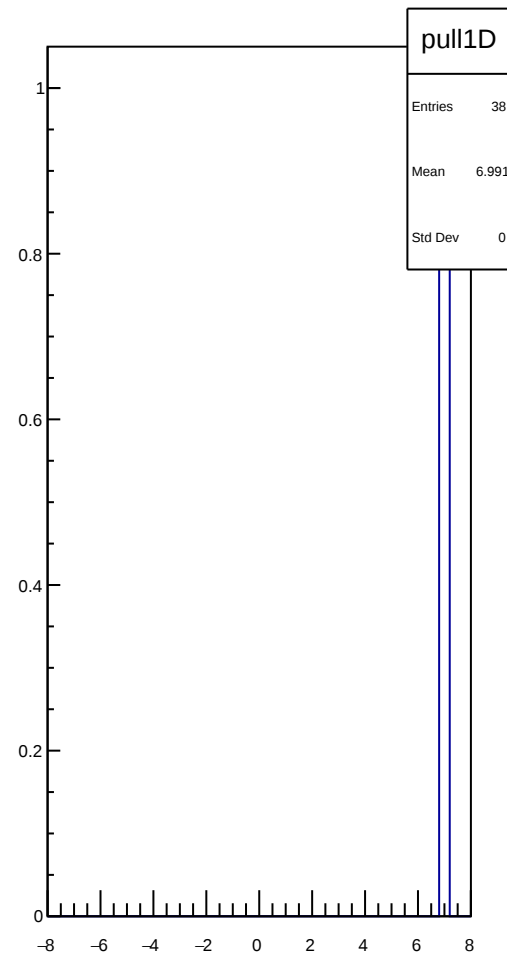
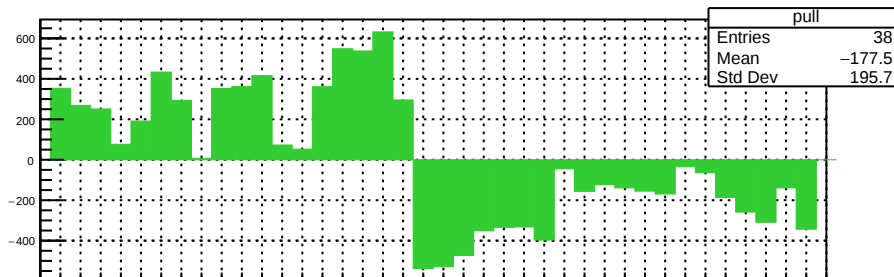
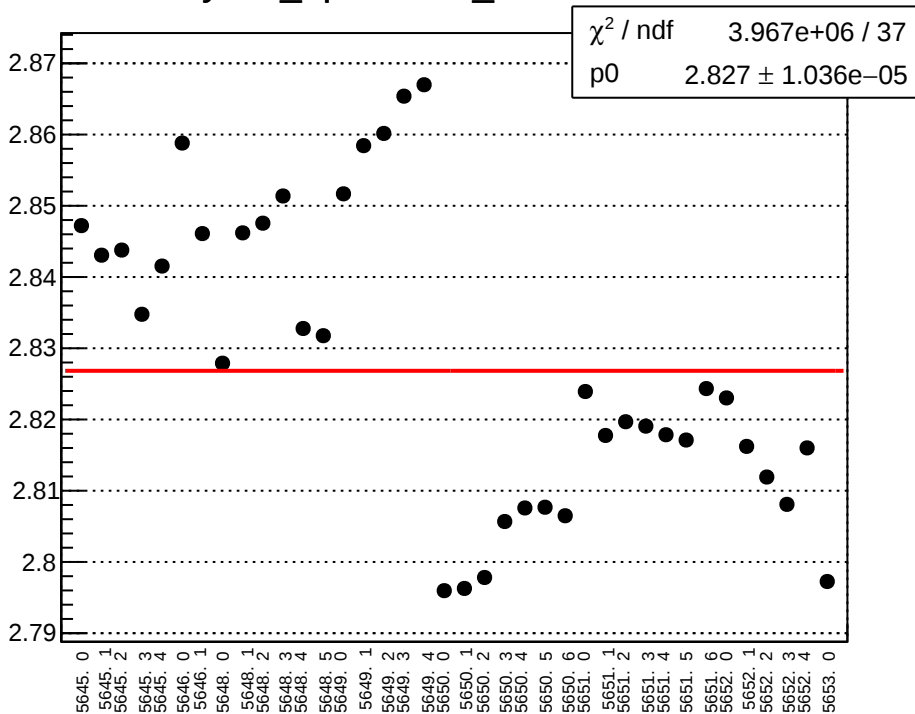
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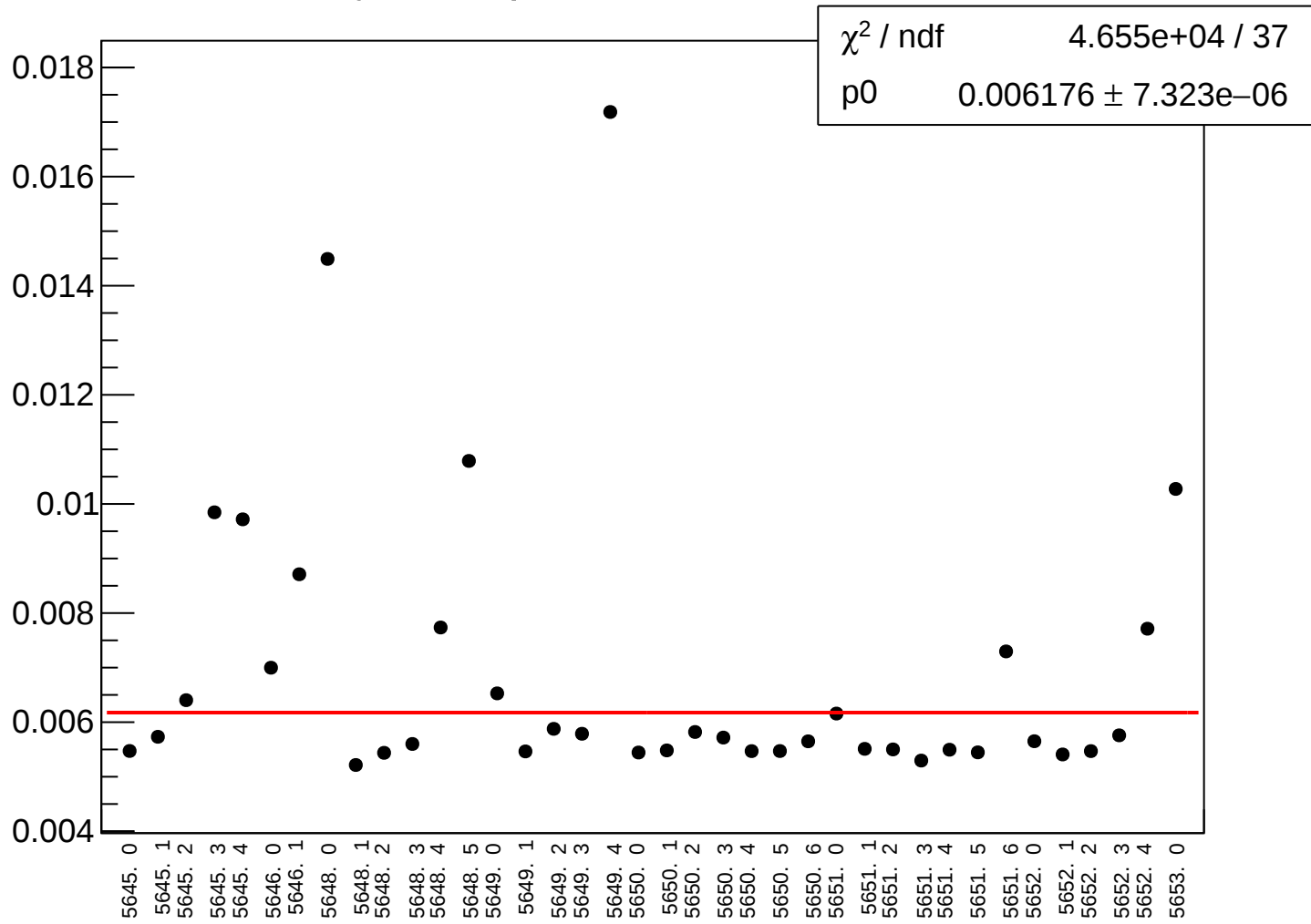
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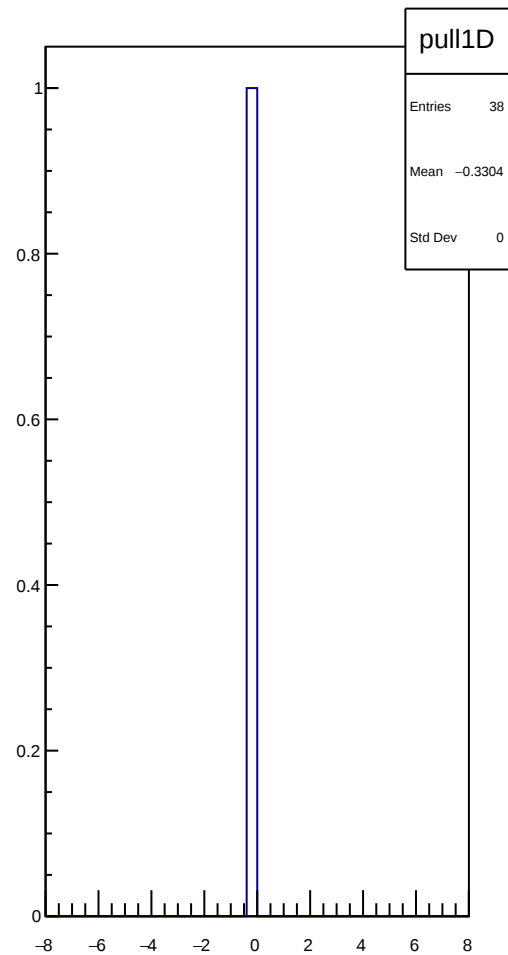
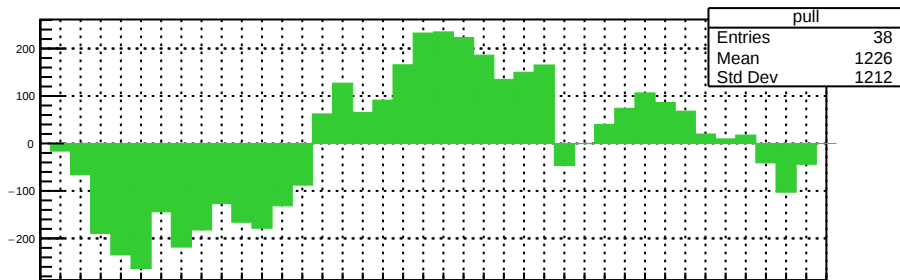
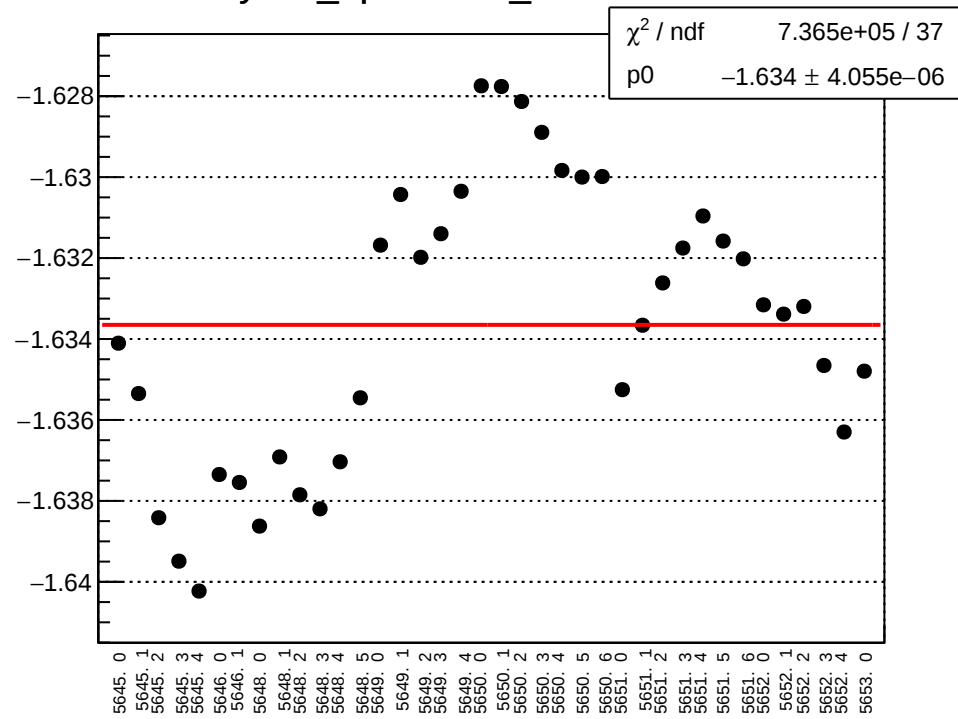
yield_bpm0l06X_mean vs run



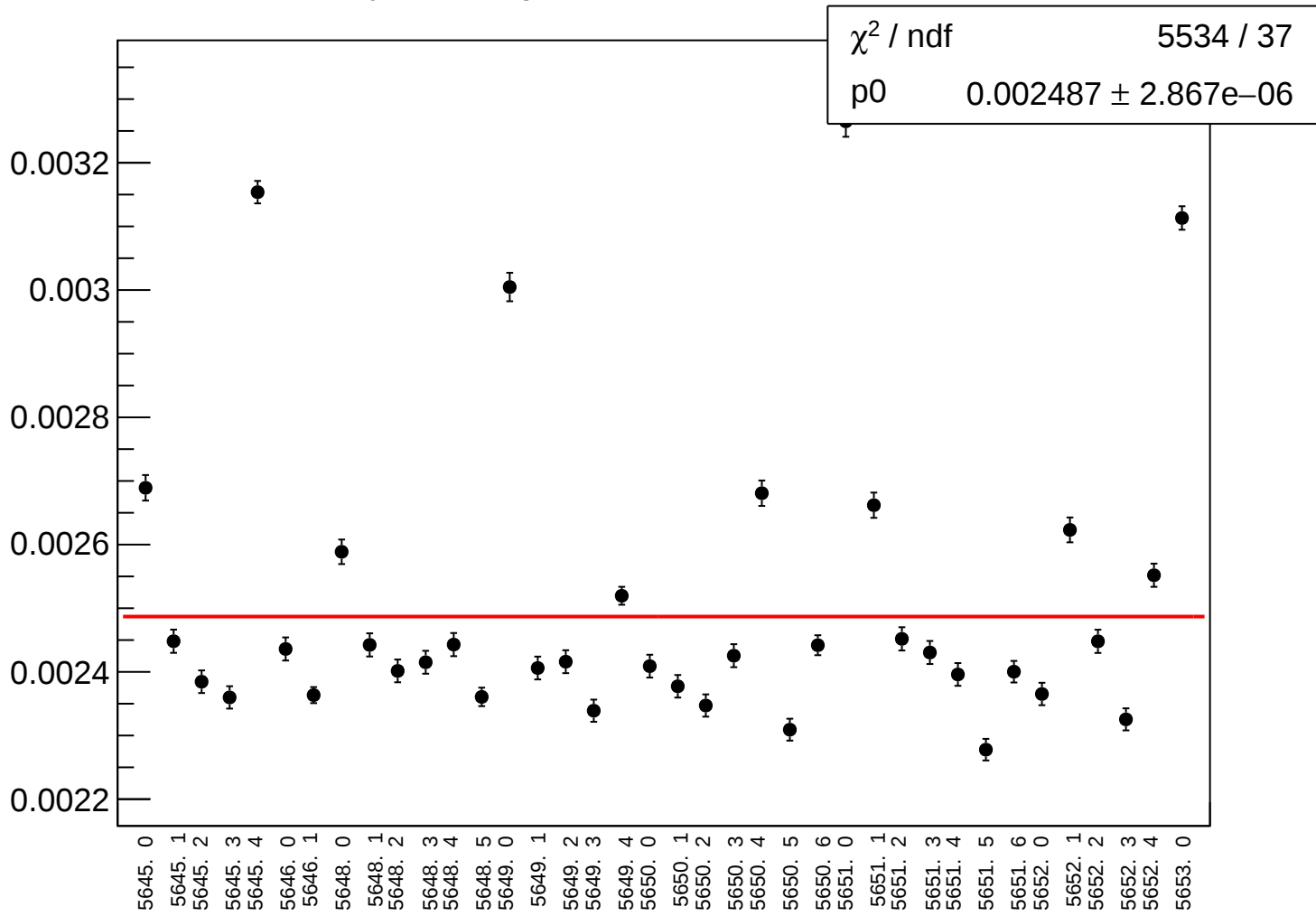
yield_bpm0l06X_rms vs run



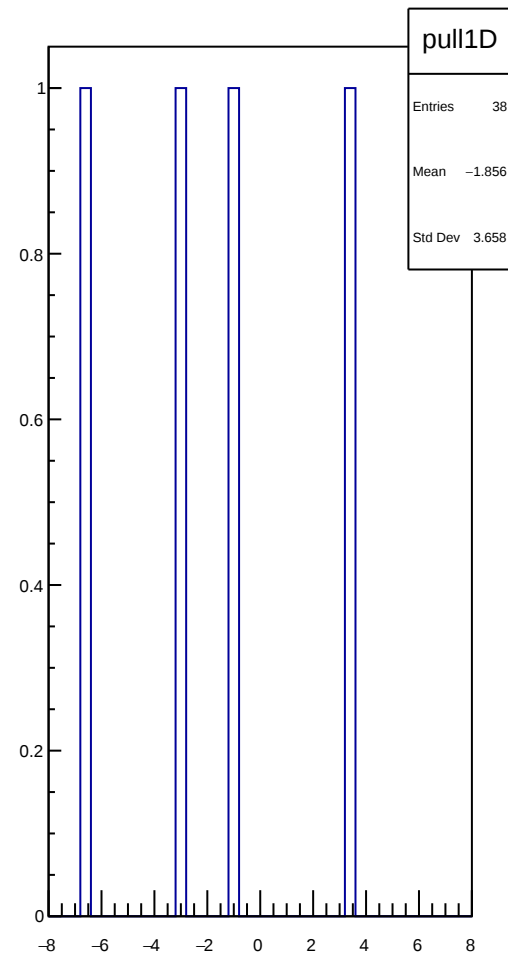
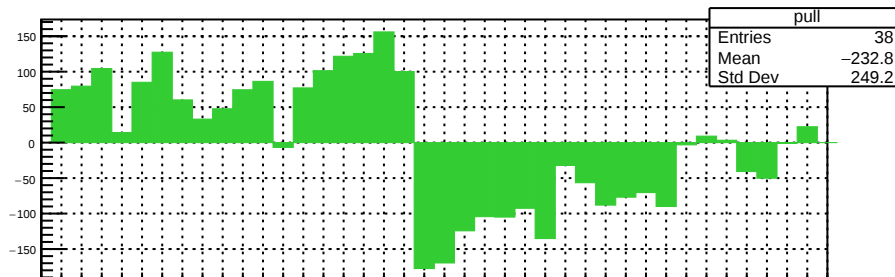
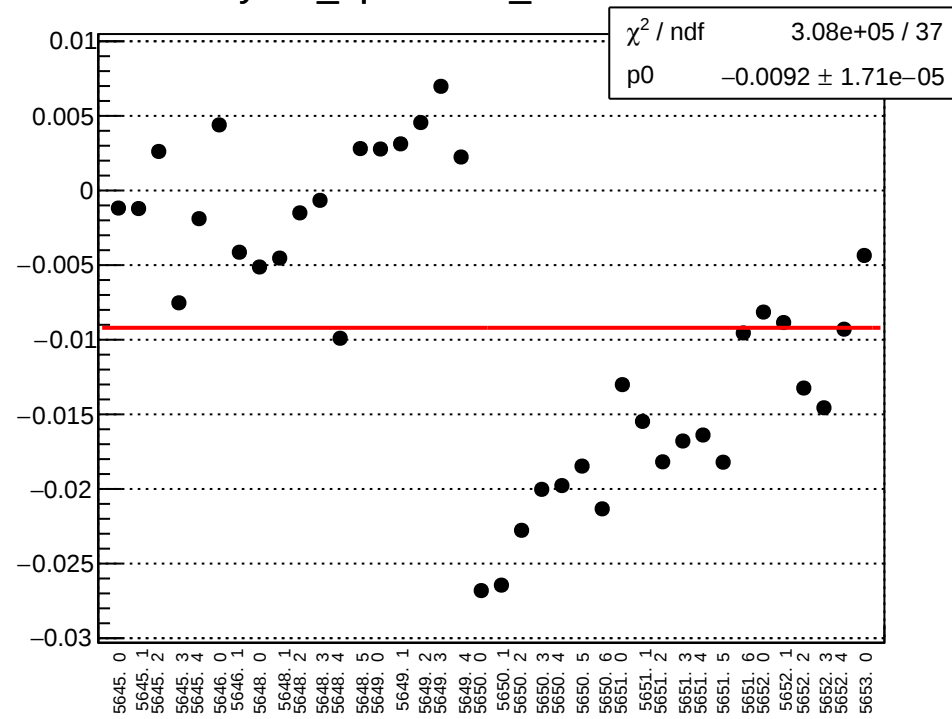
yield_bpm0l06Y_mean vs run



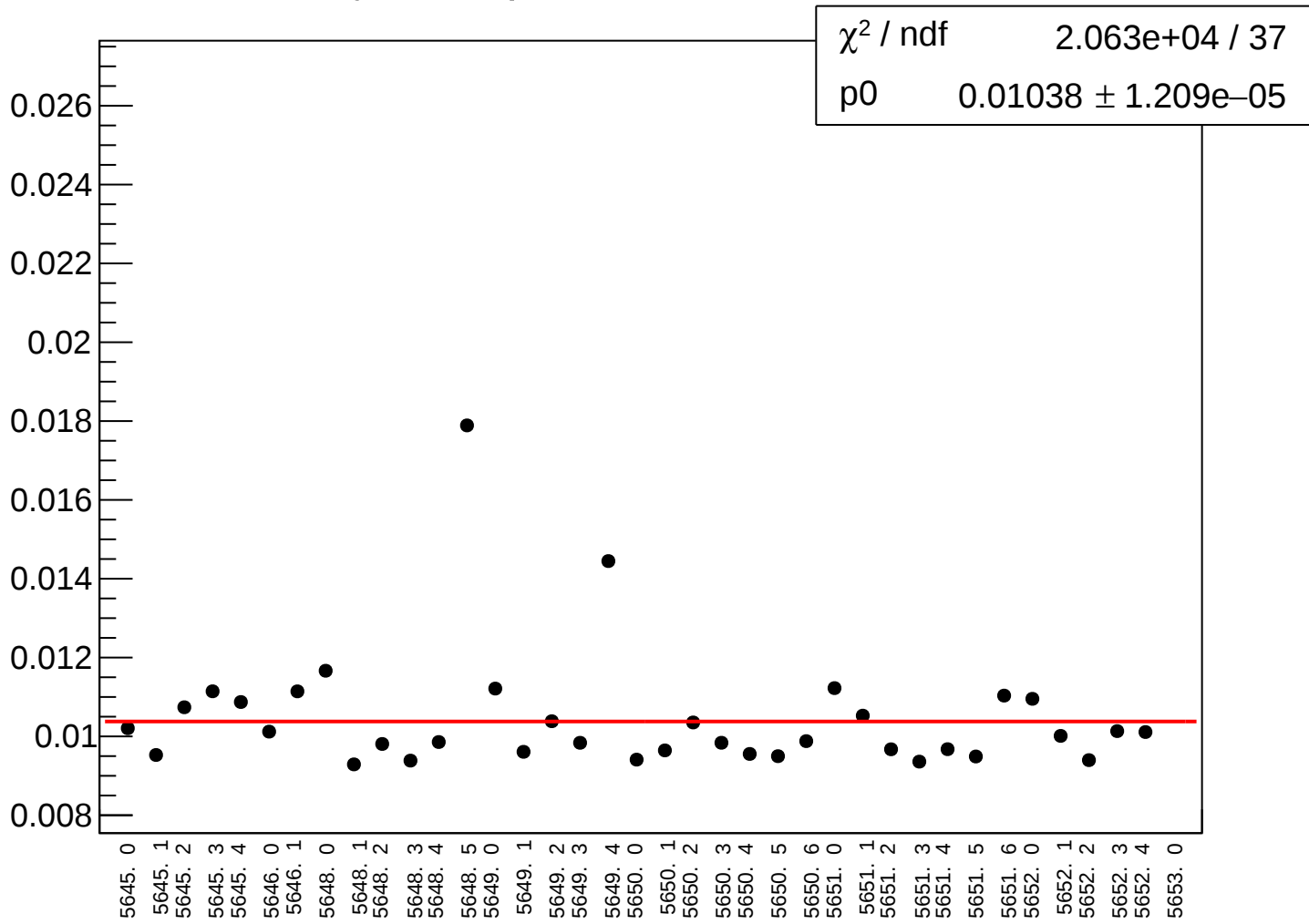
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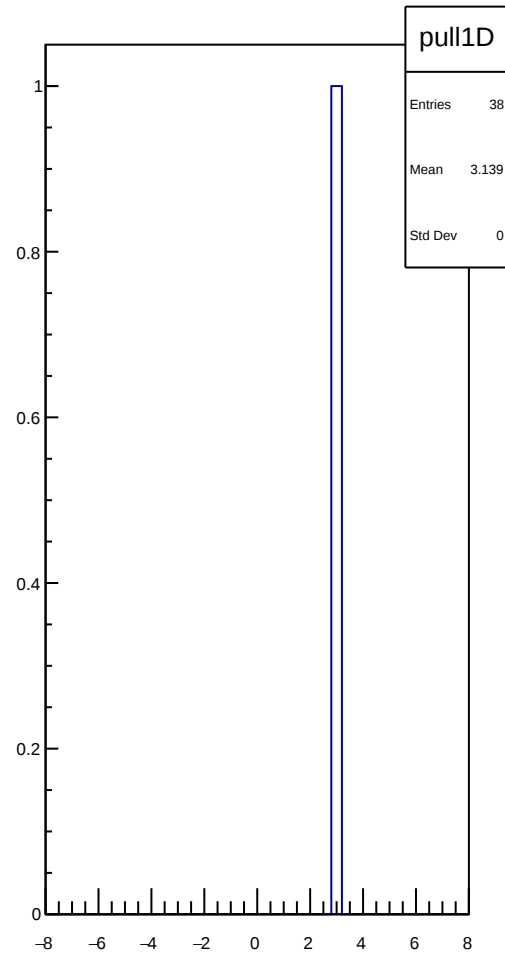
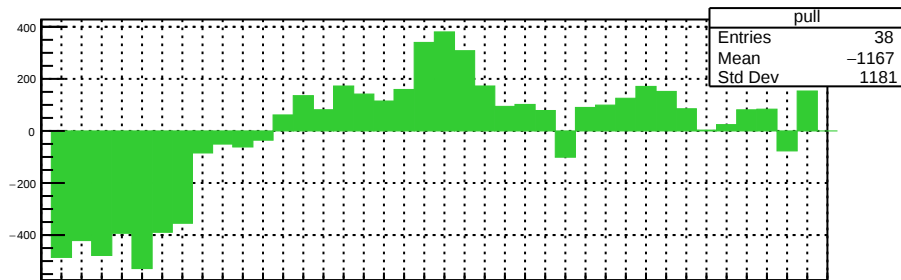
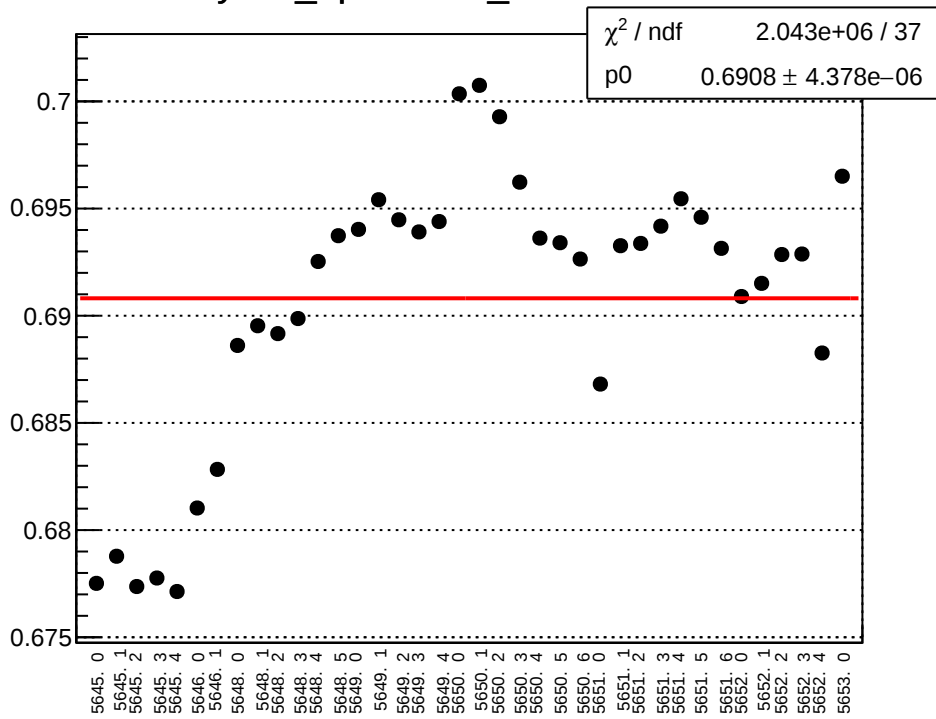
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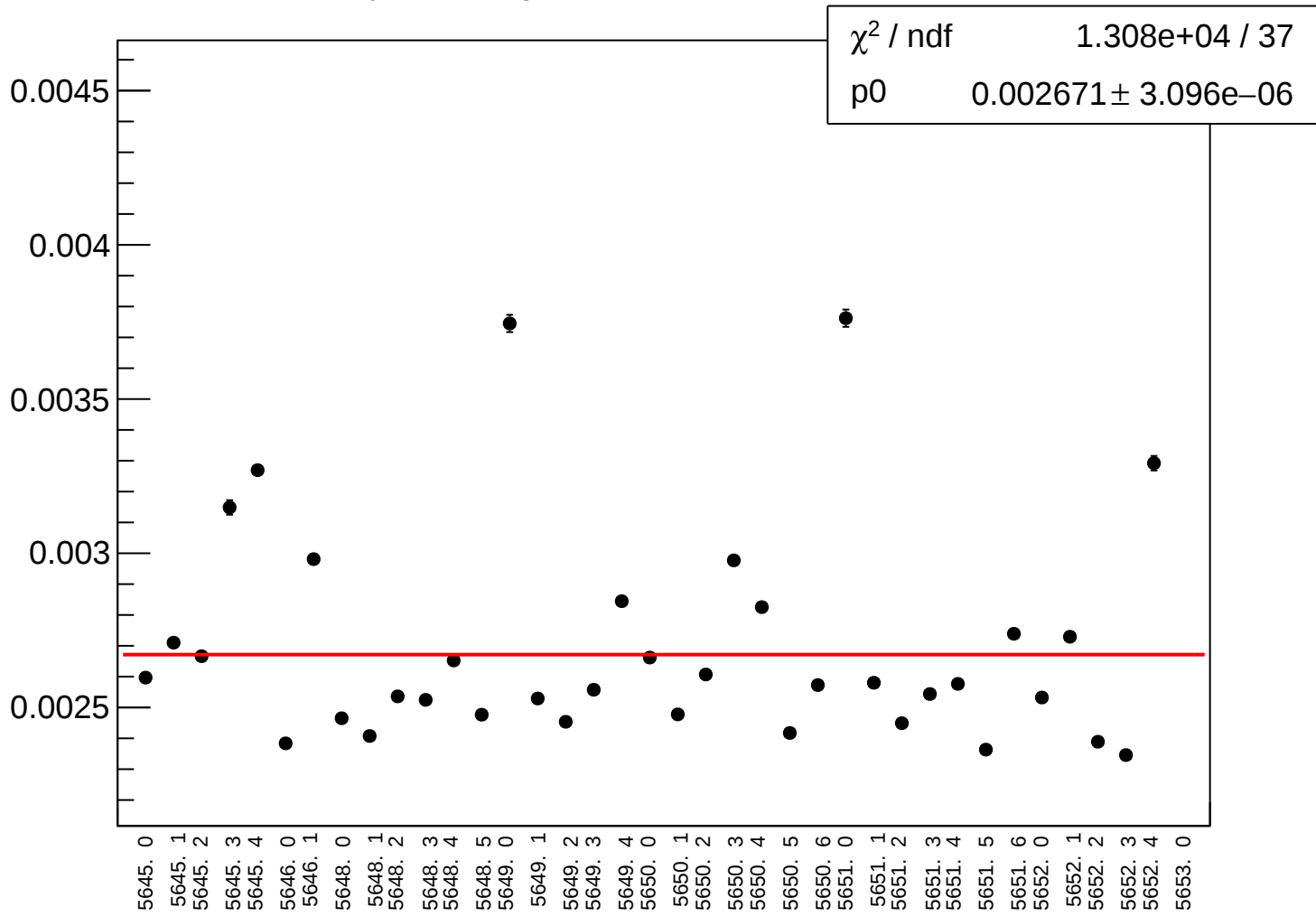
yield_bpm0l07X_rms vs run



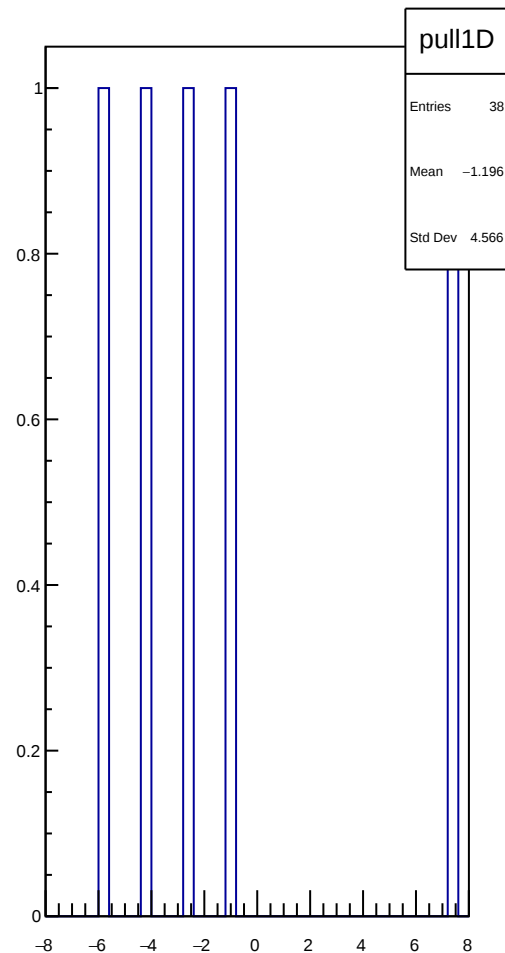
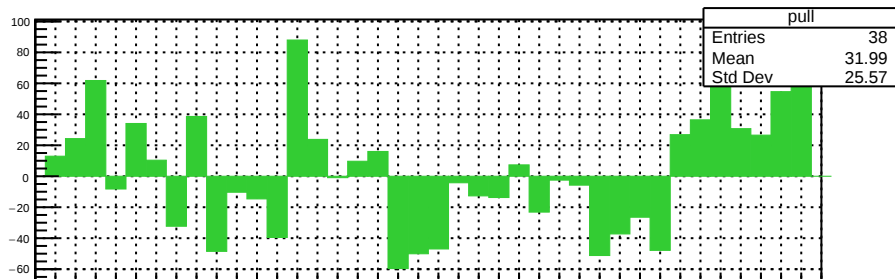
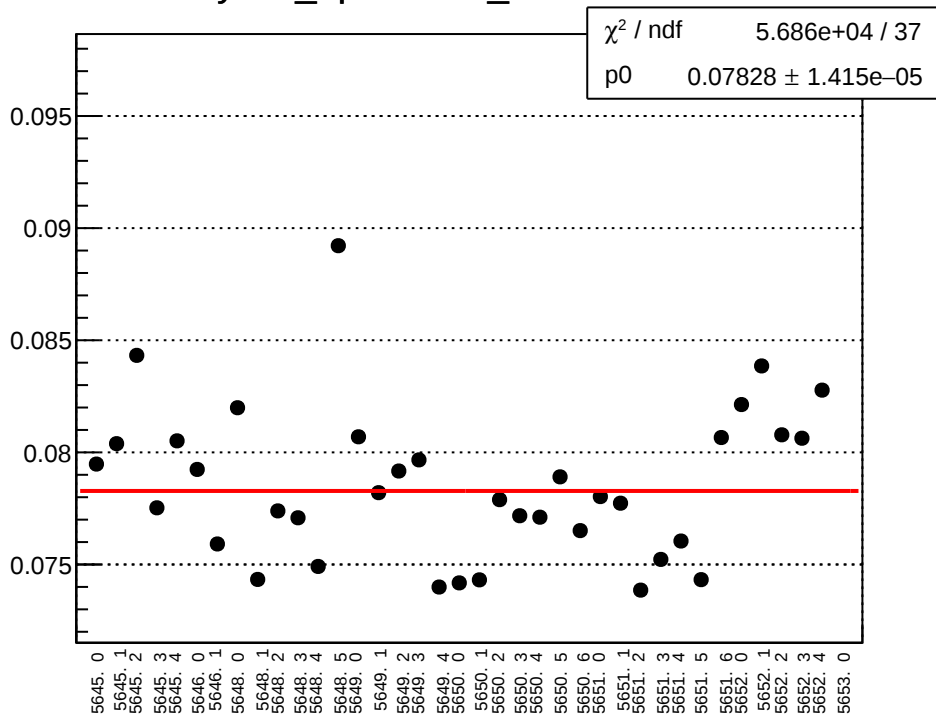
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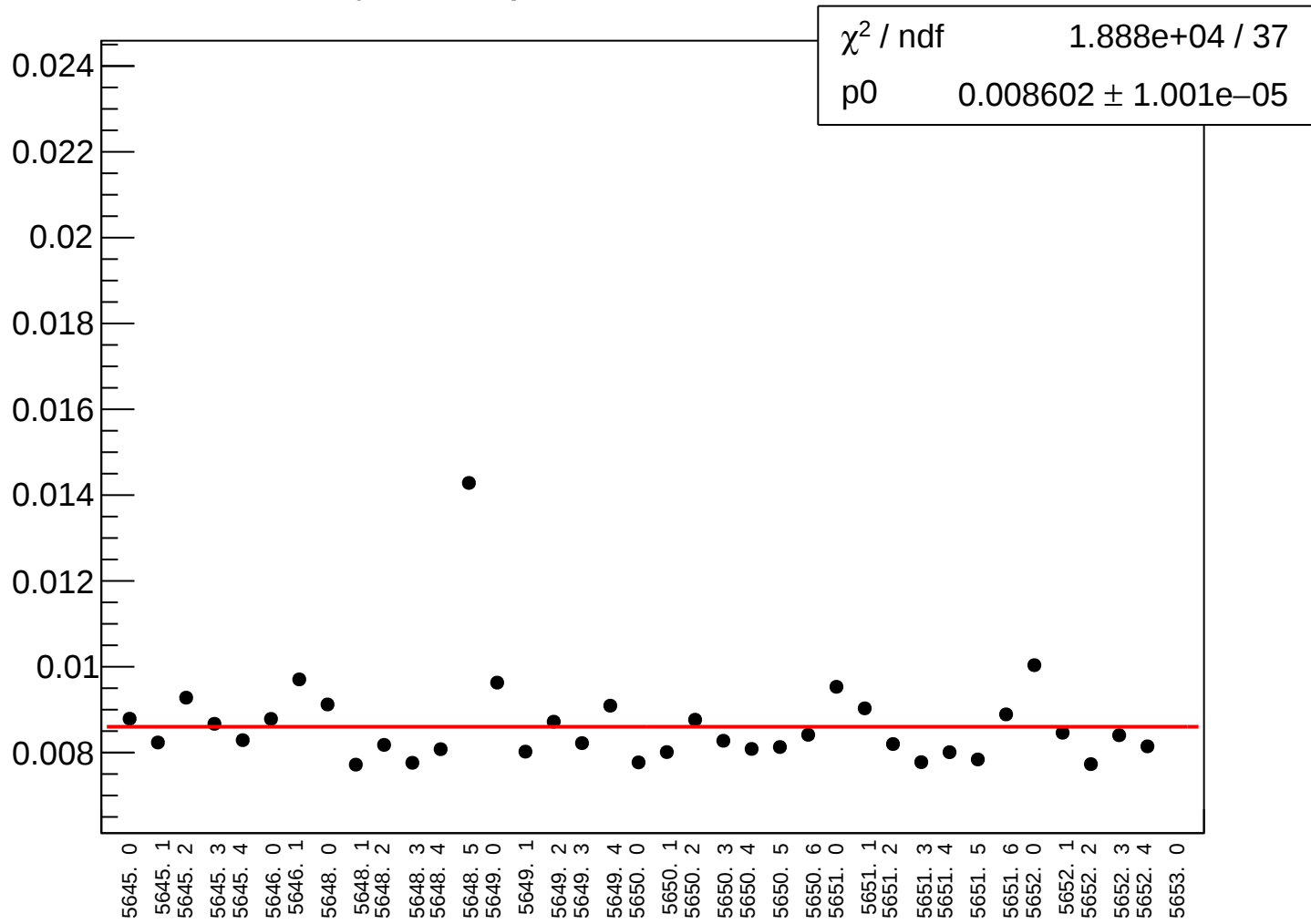
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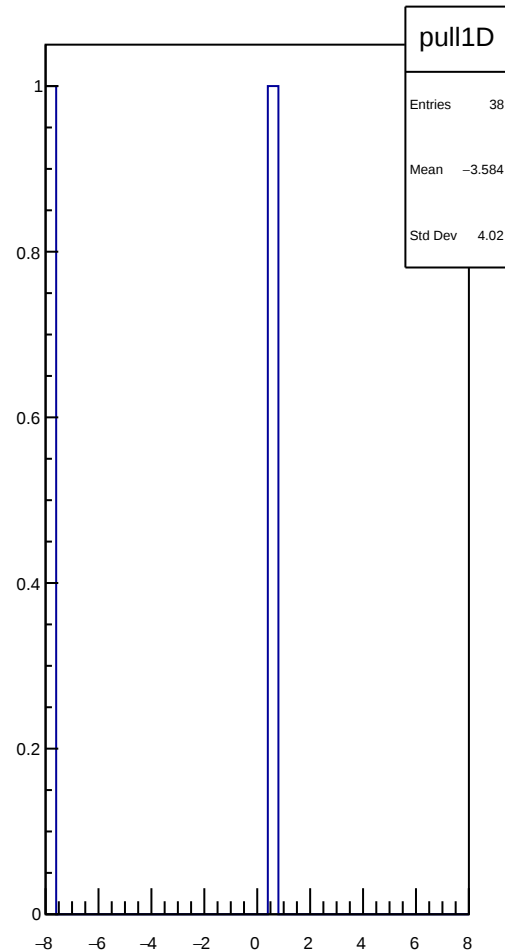
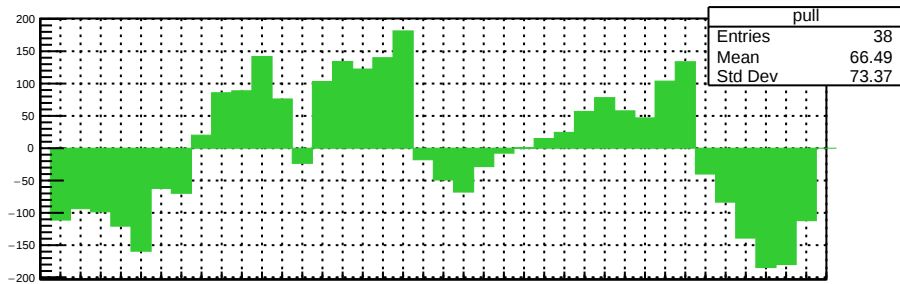
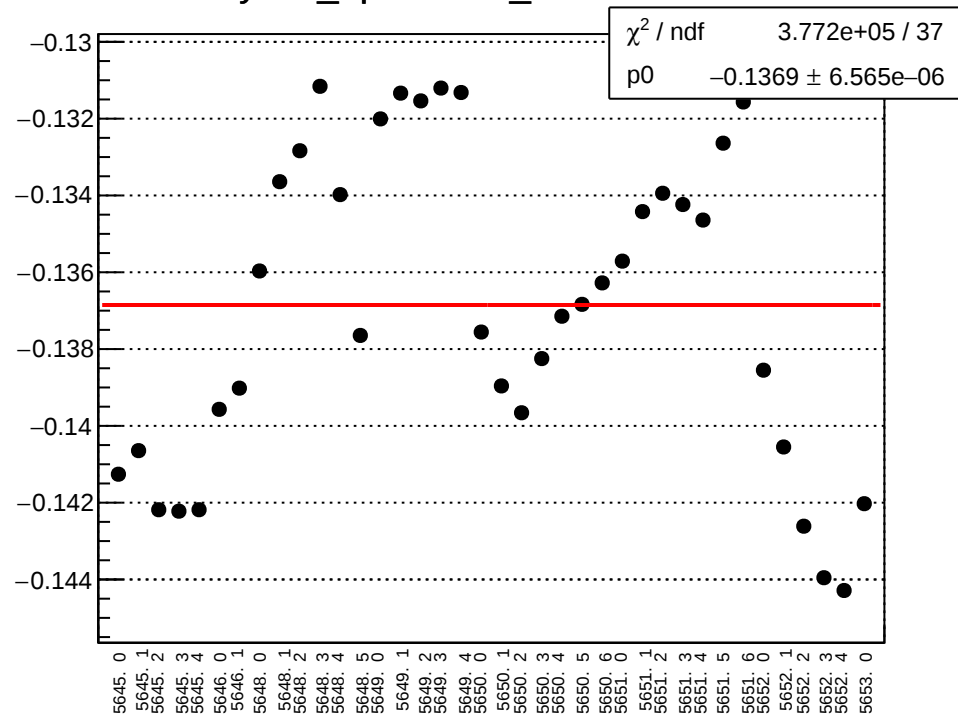
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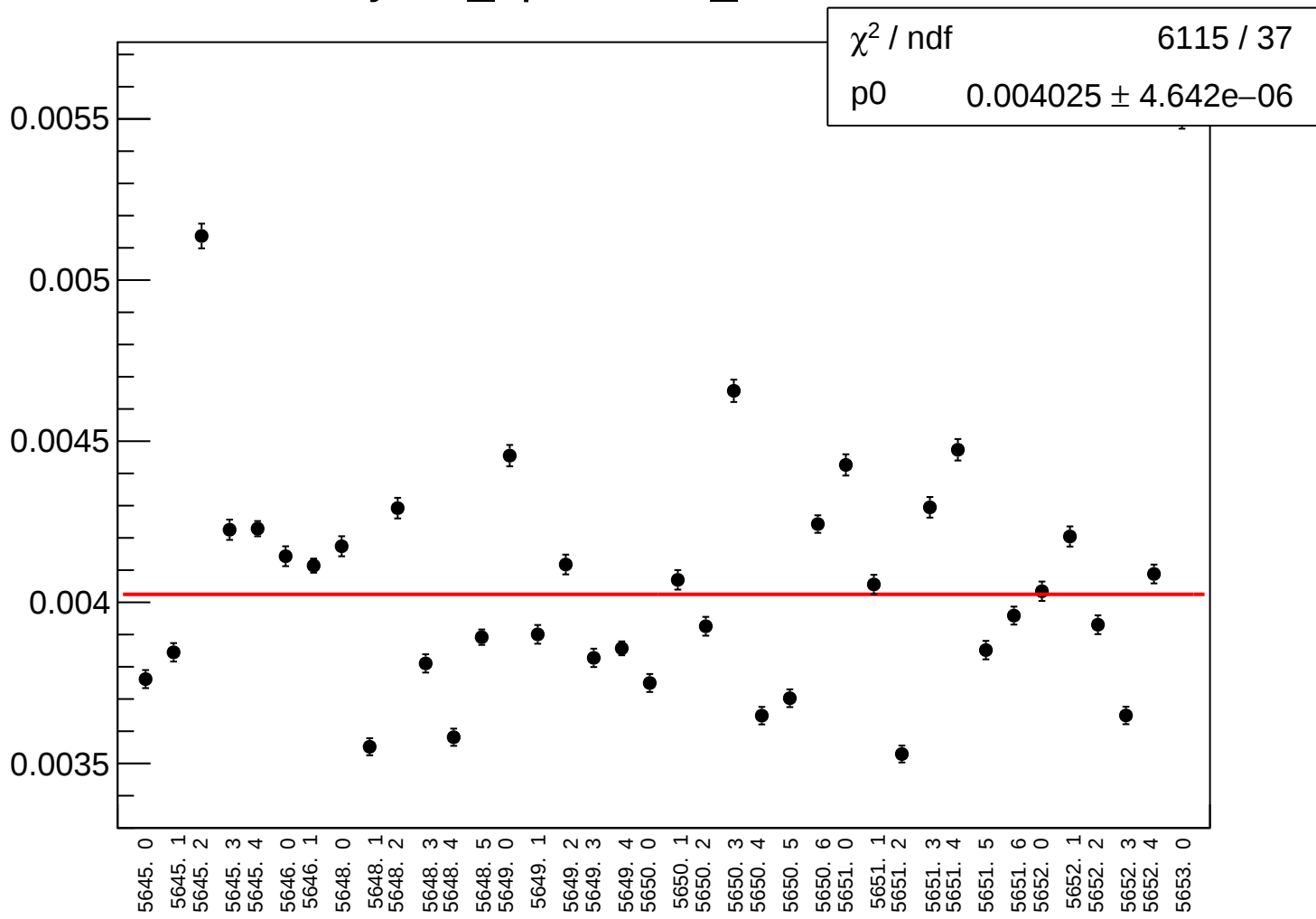
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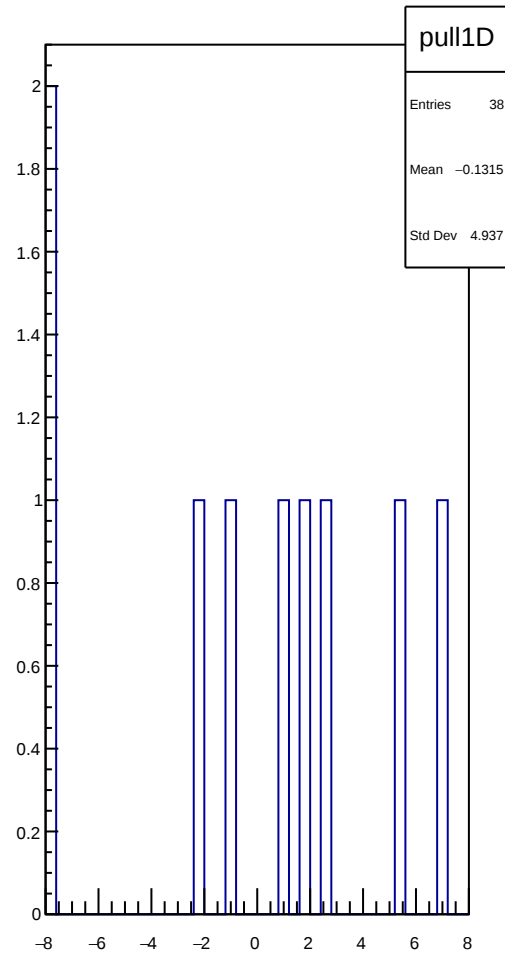
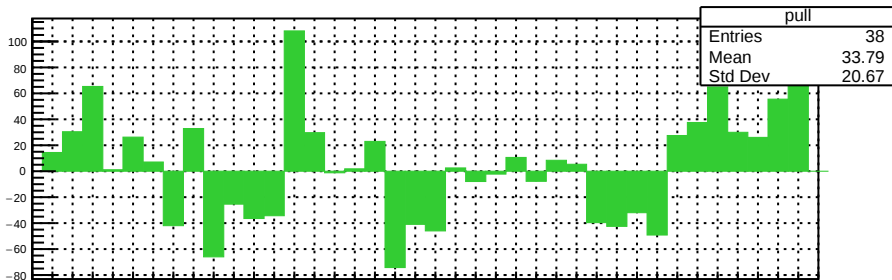
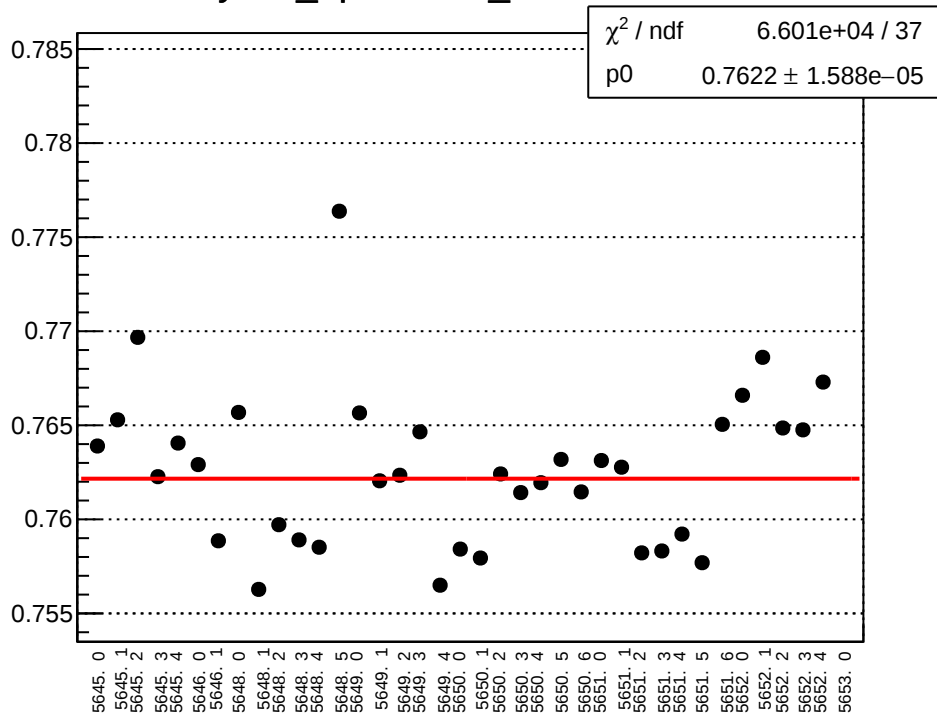
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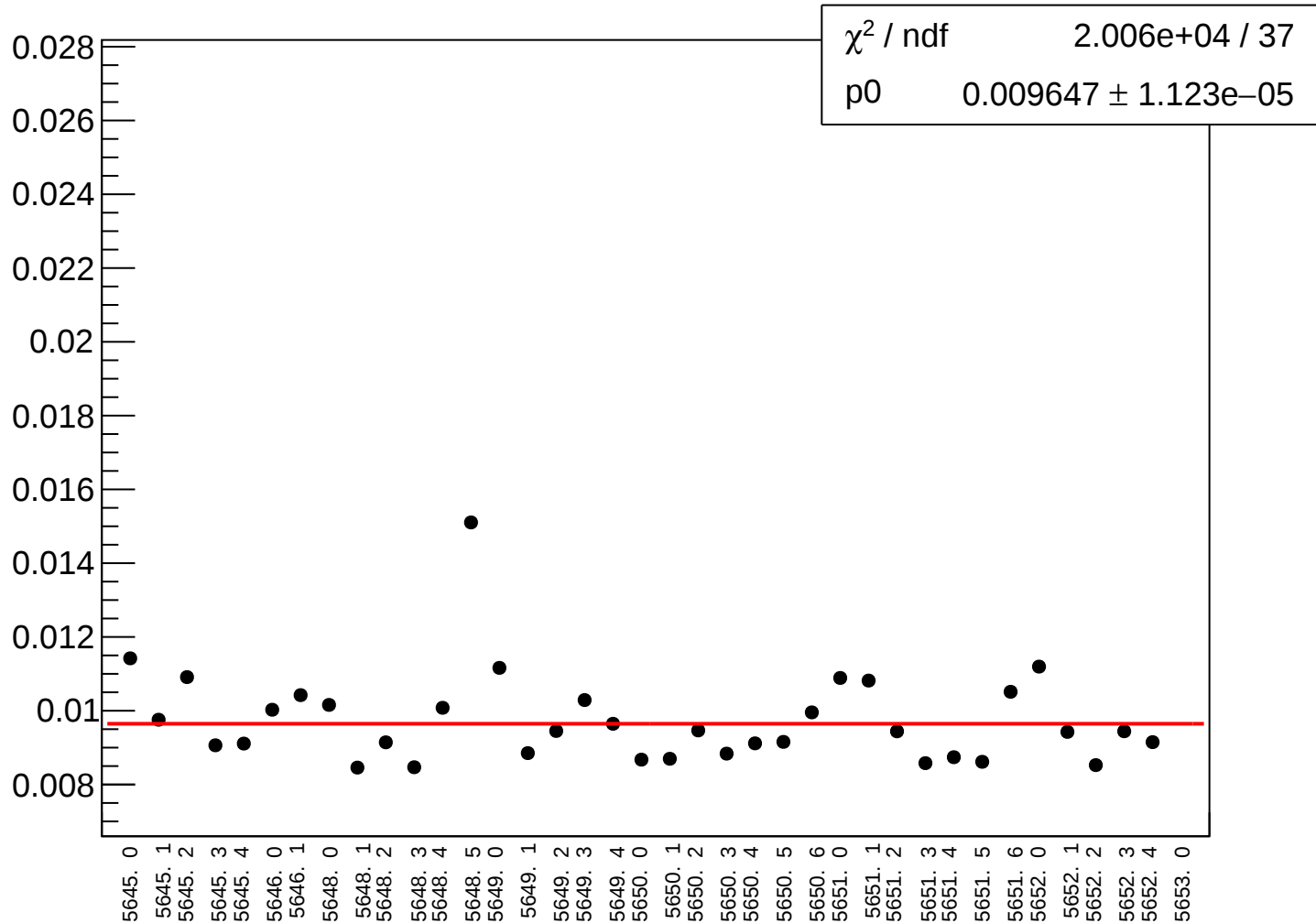
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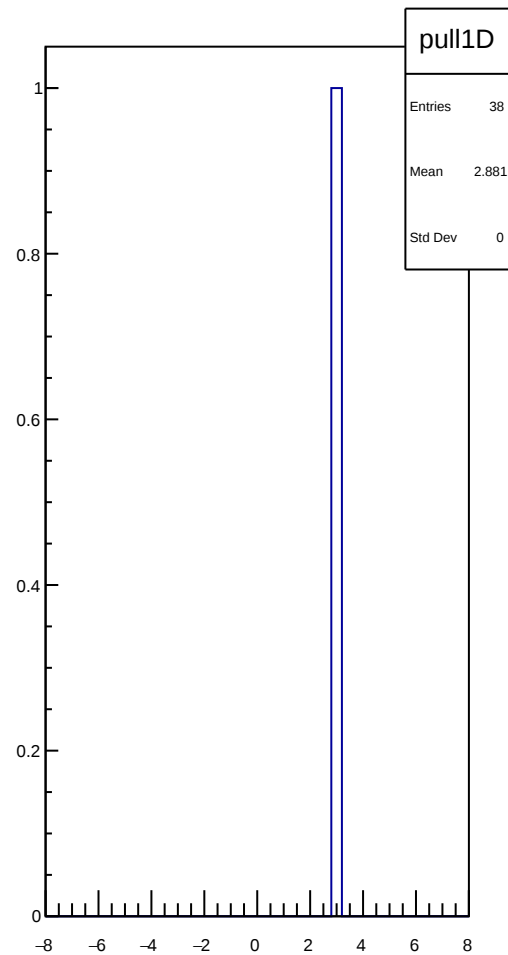
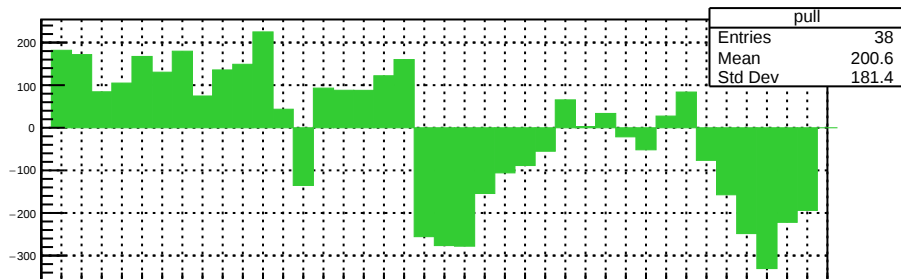
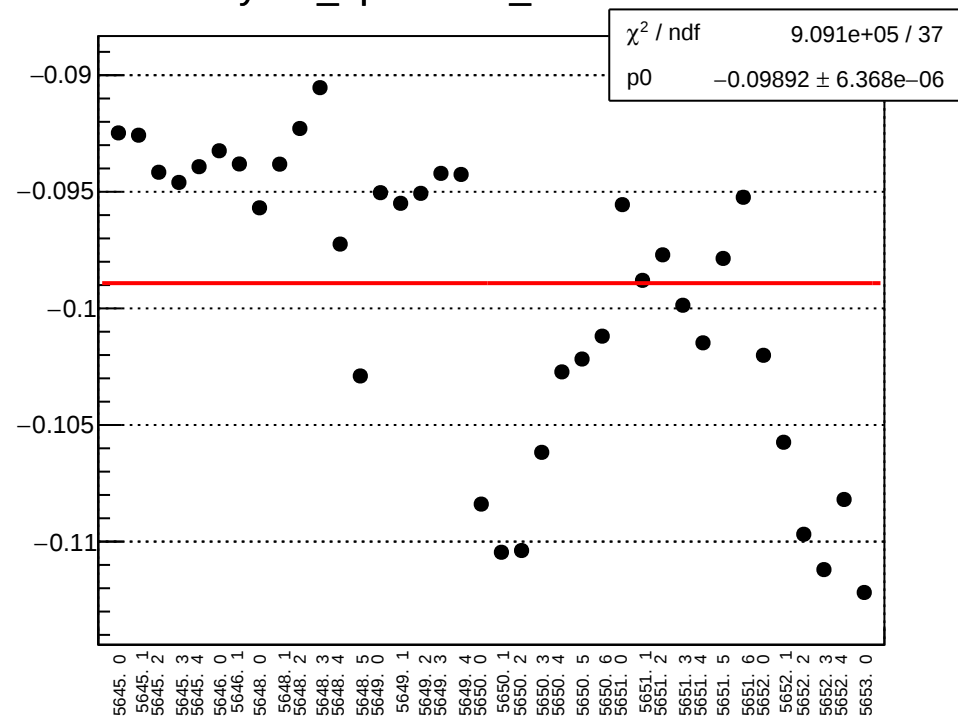
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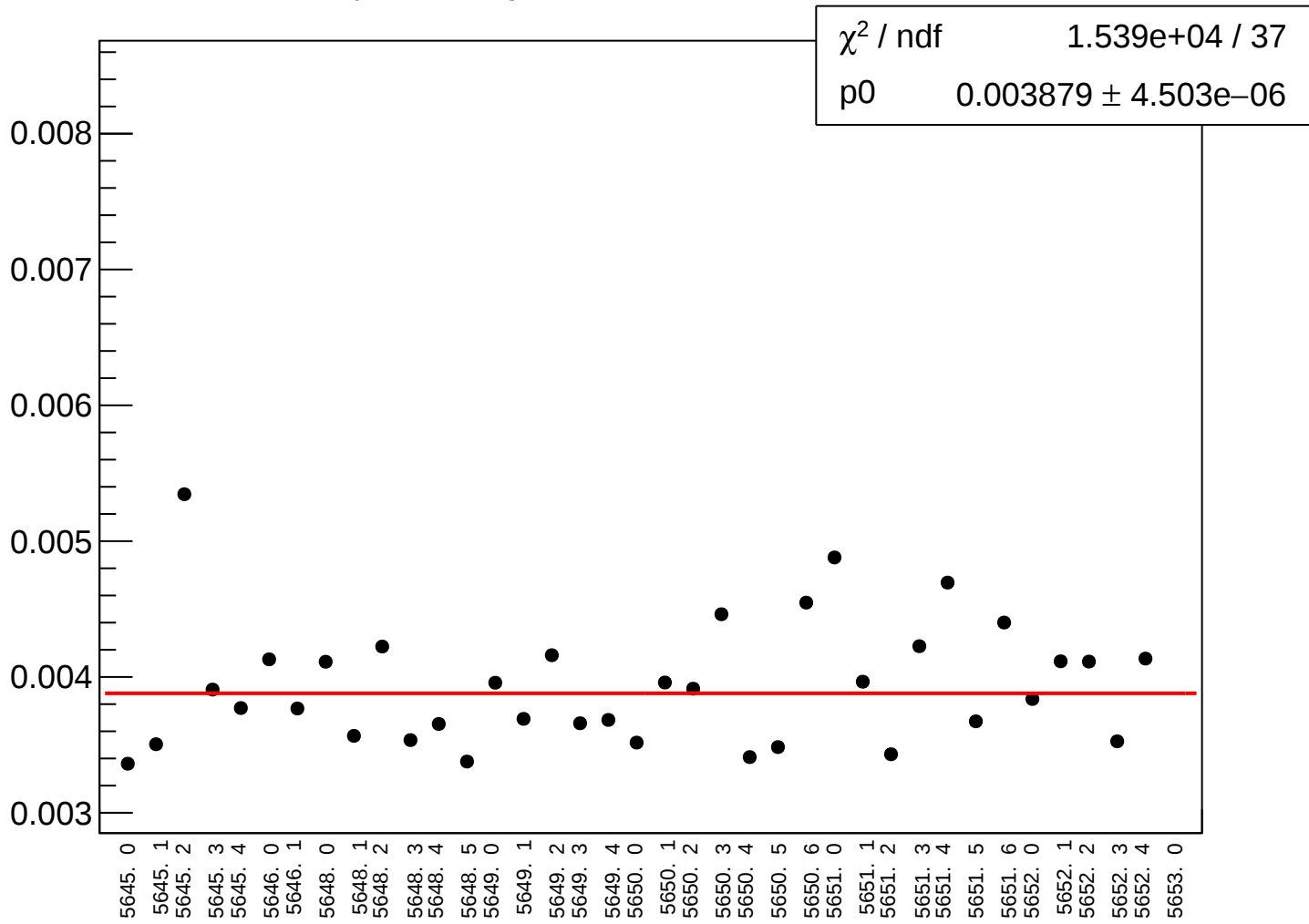
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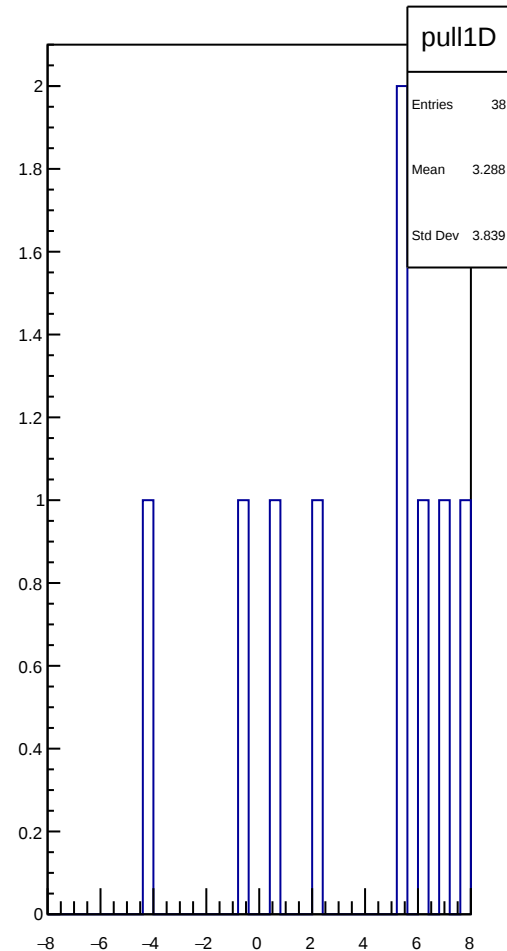
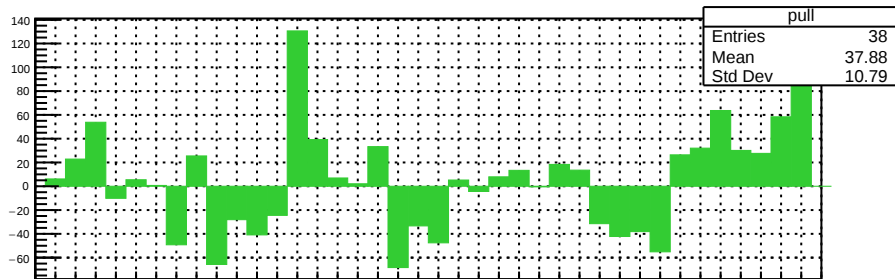
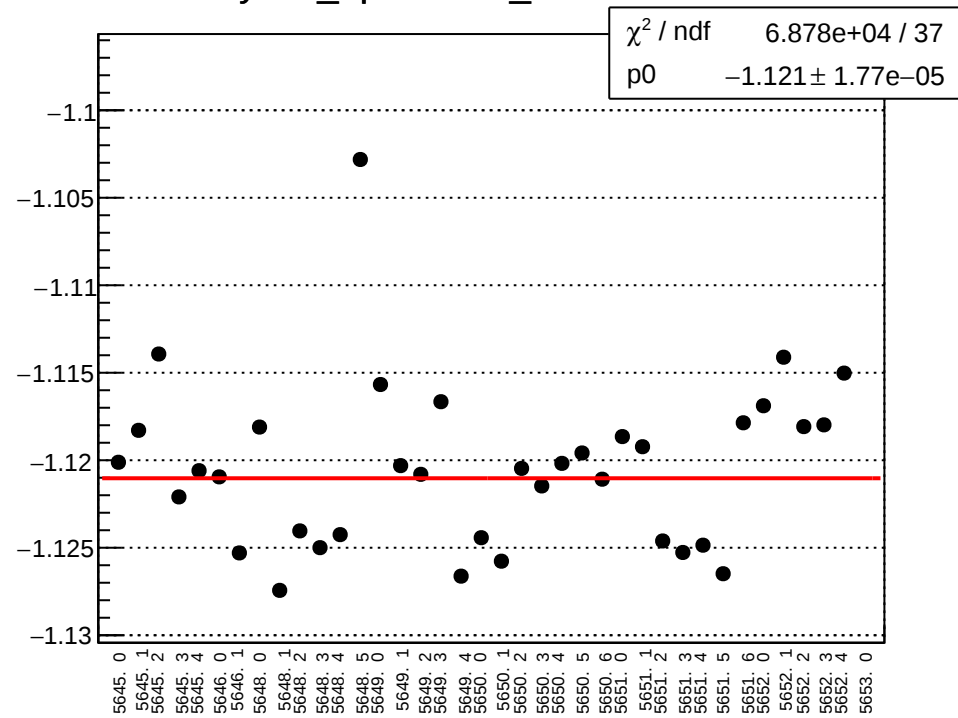
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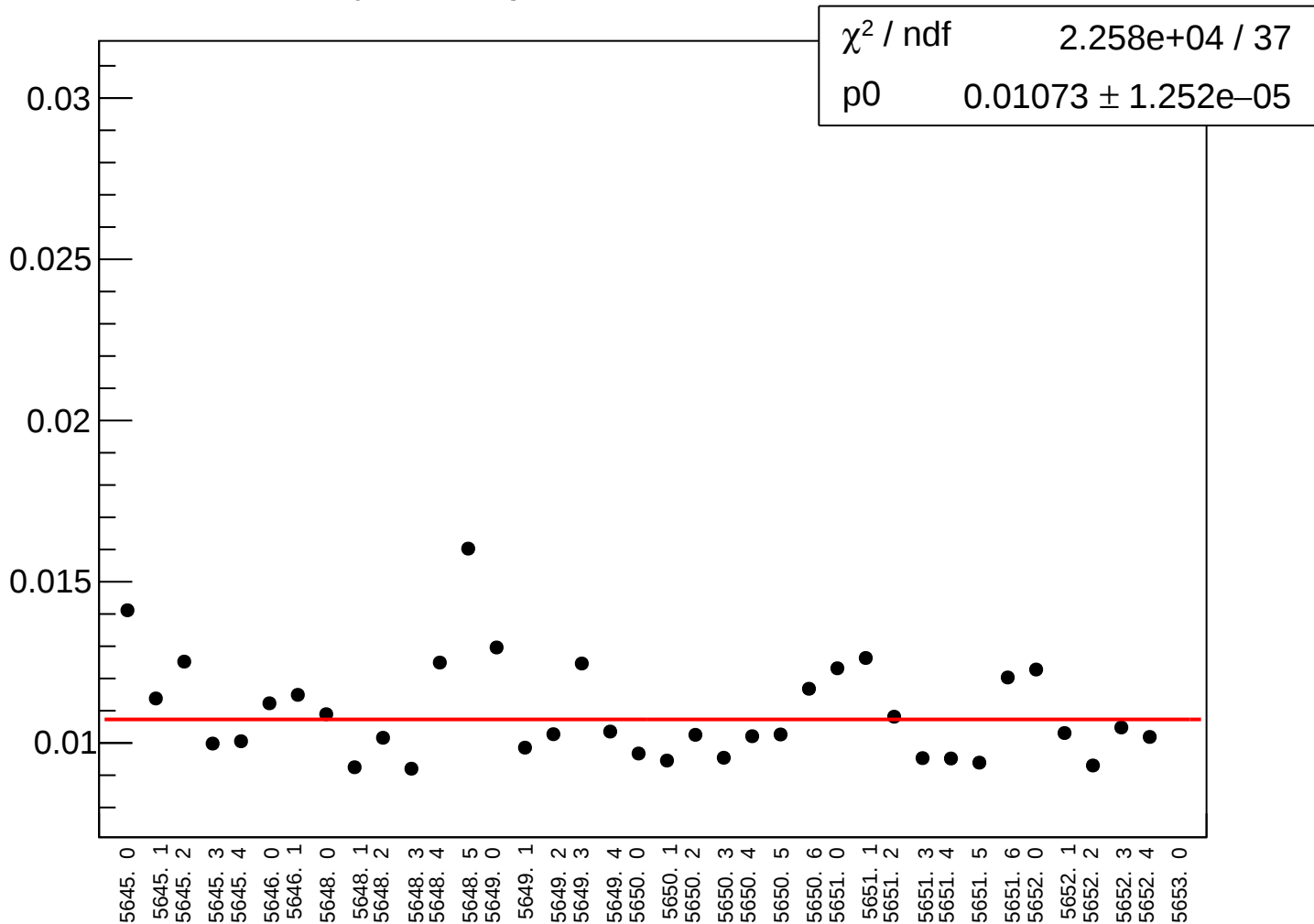
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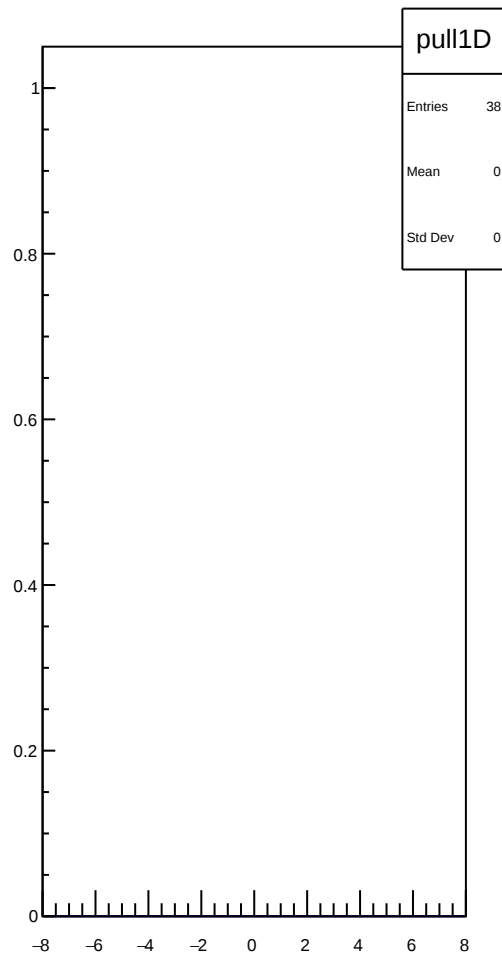
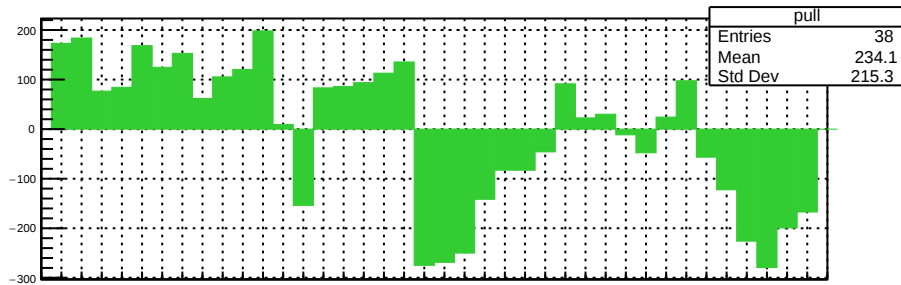
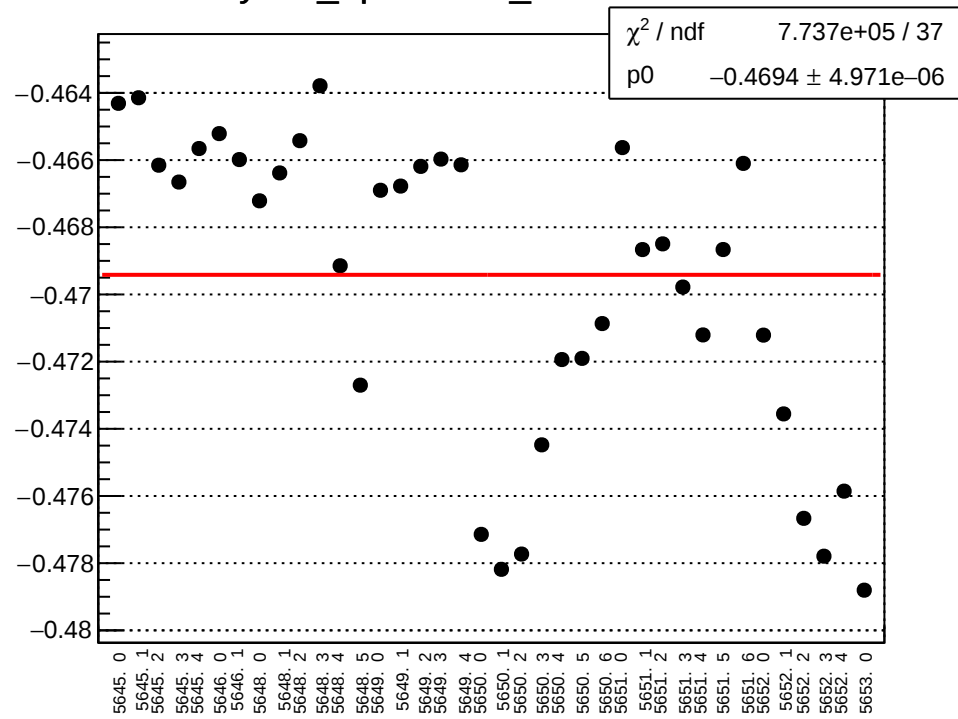
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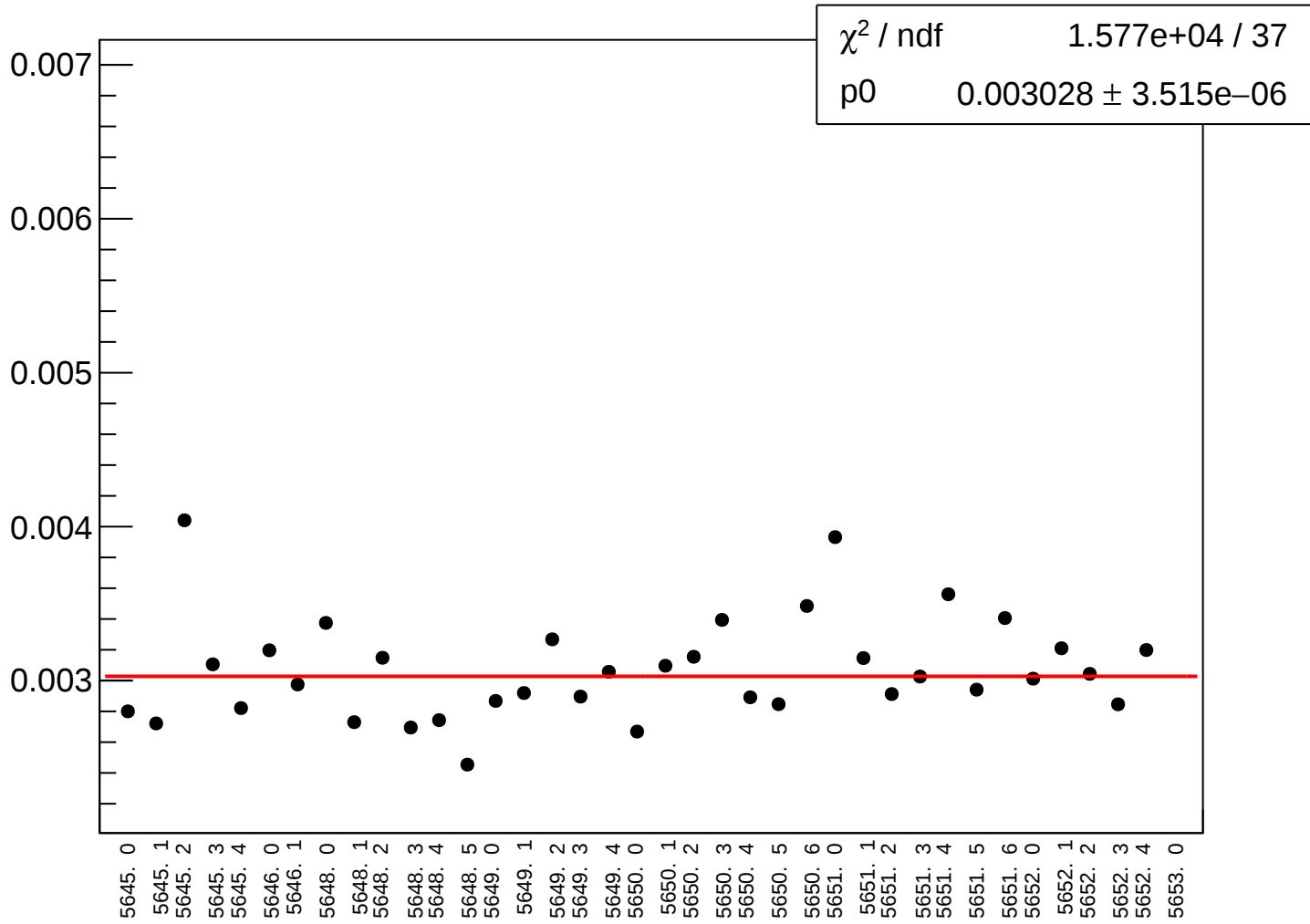
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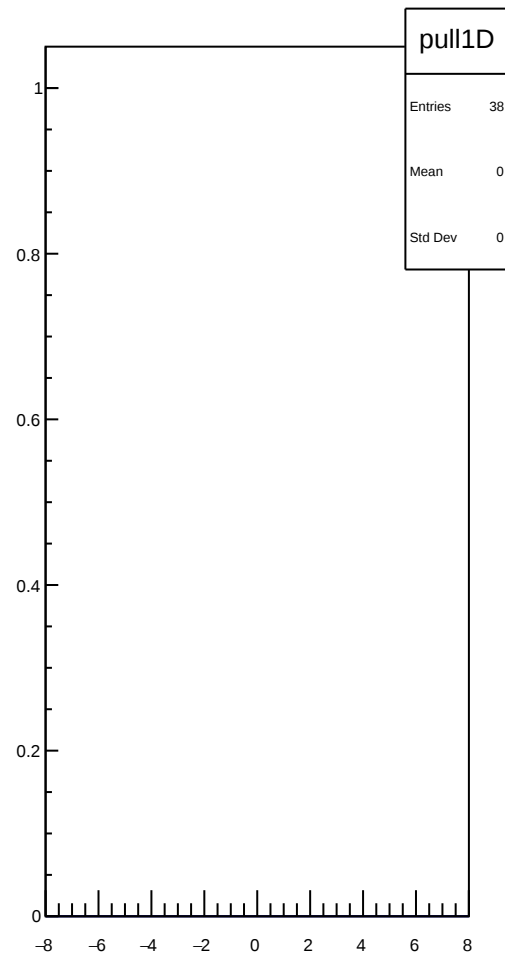
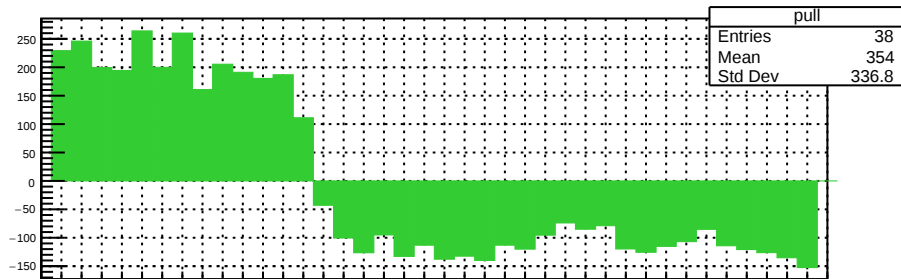
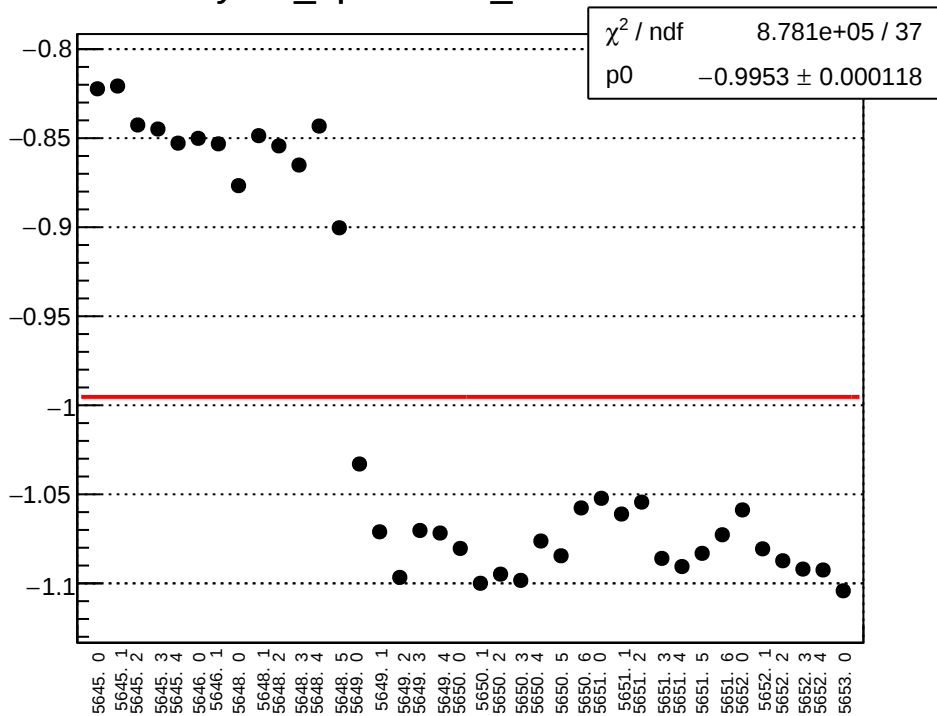
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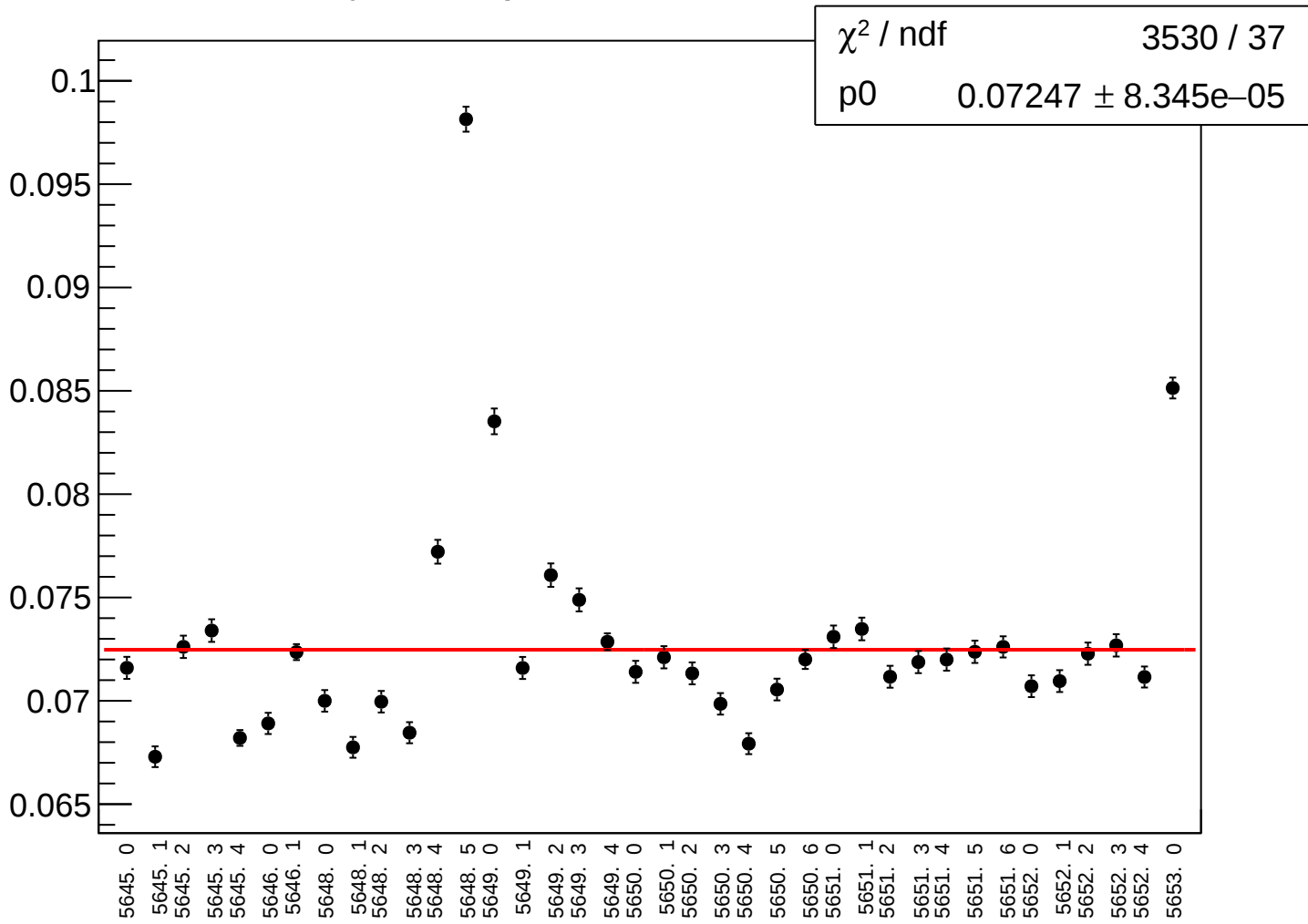
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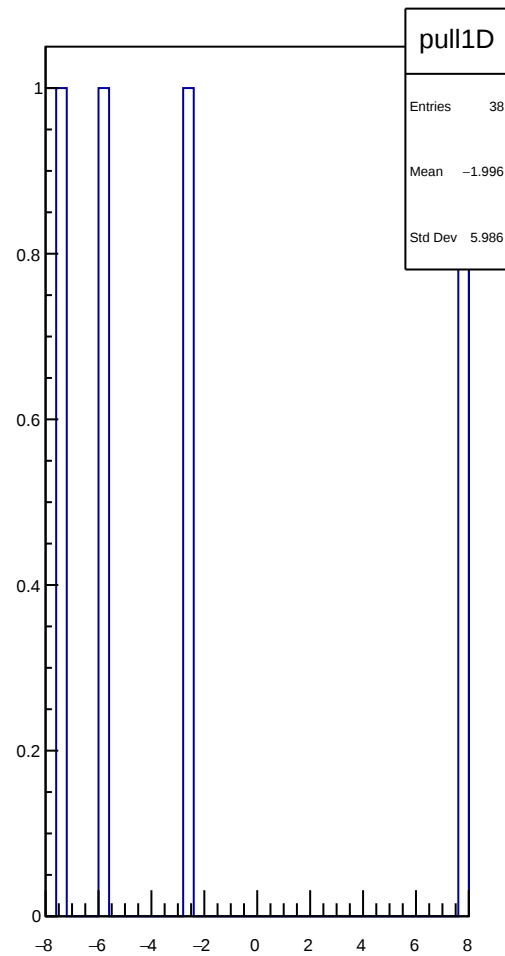
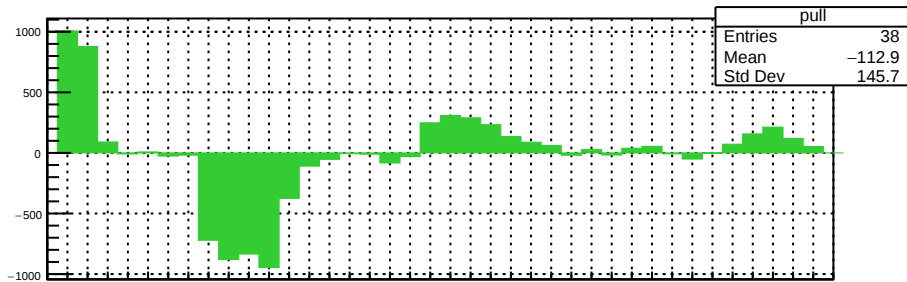
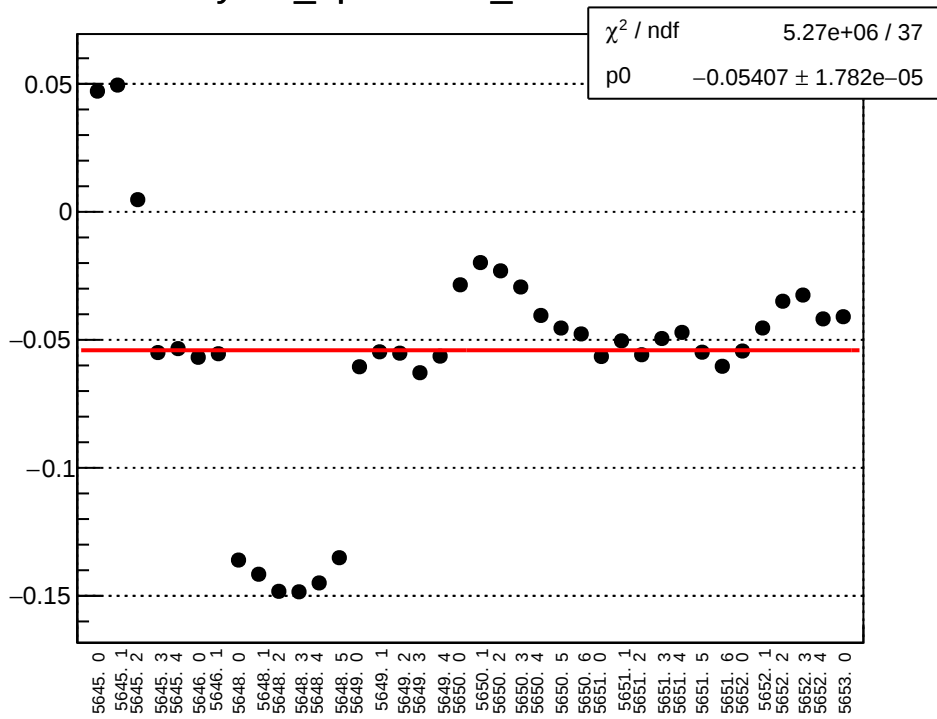
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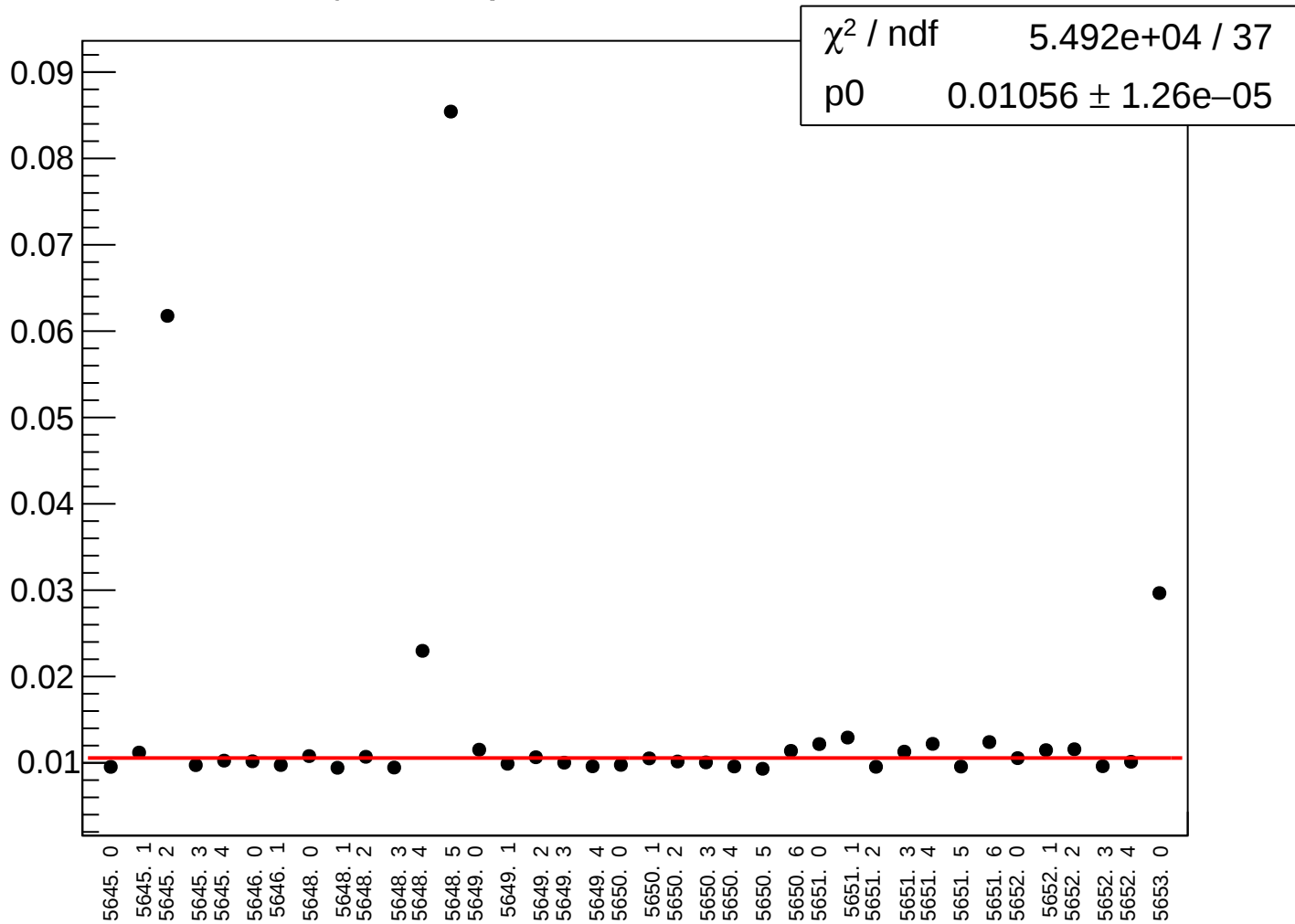
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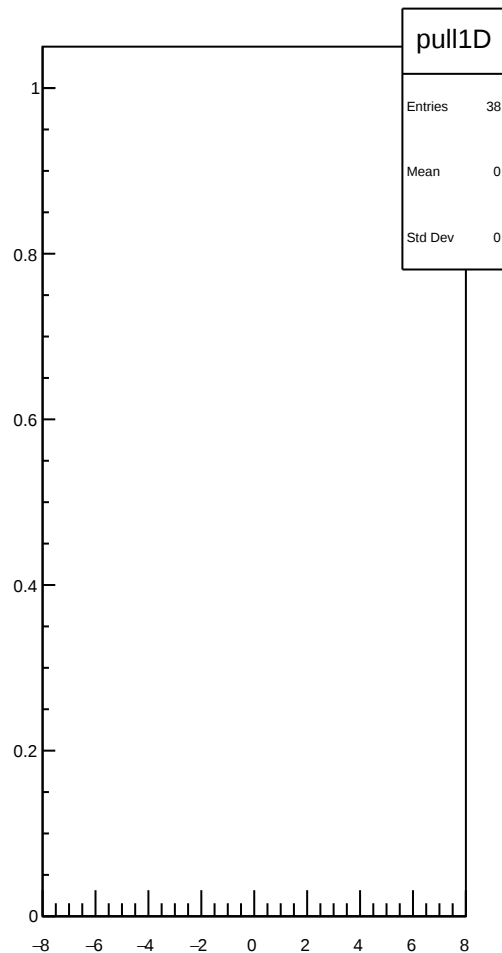
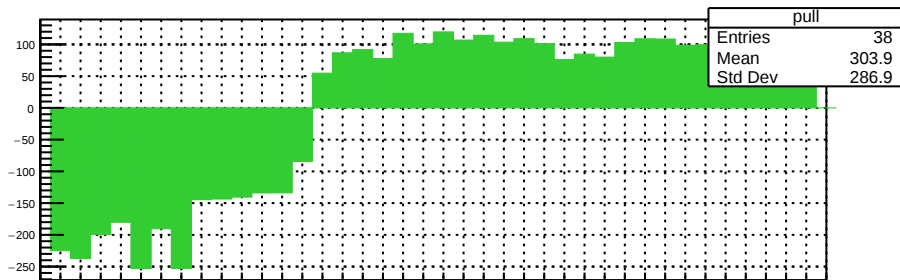
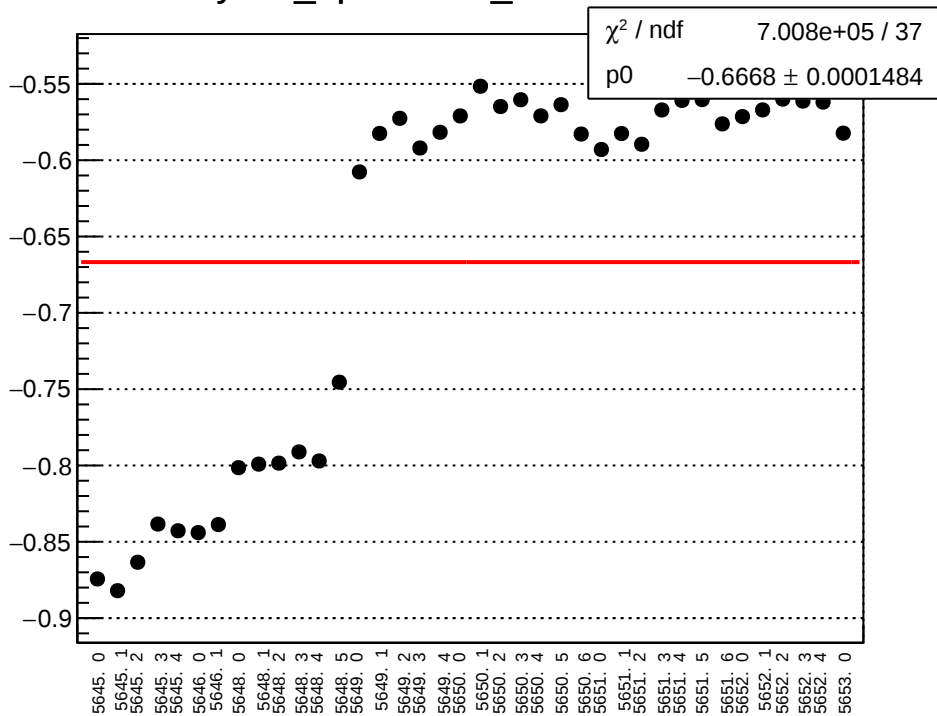
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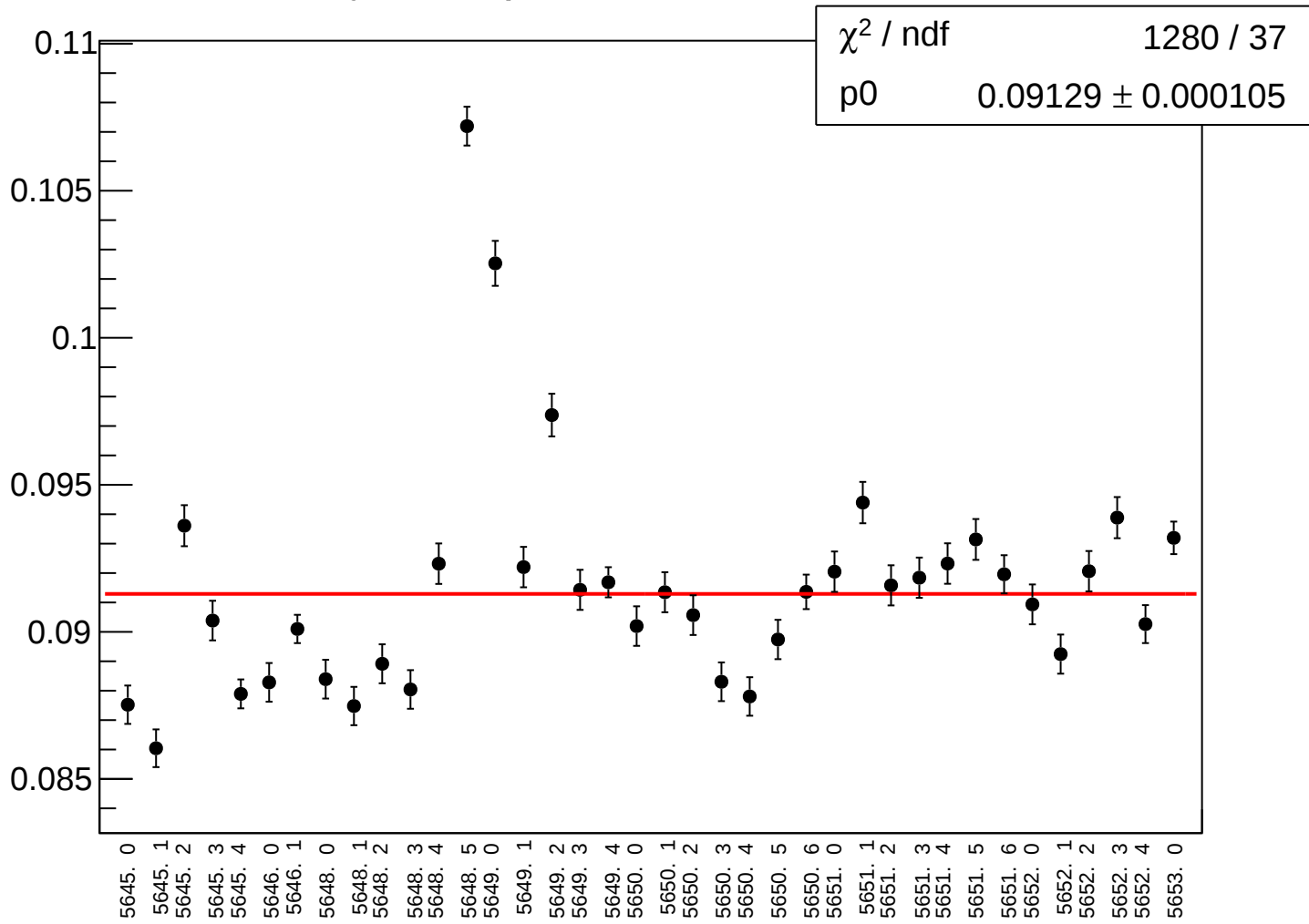
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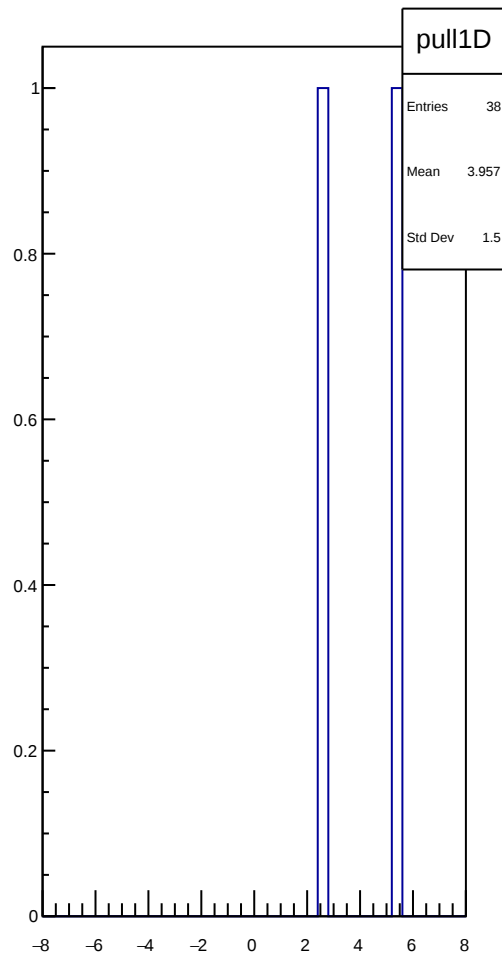
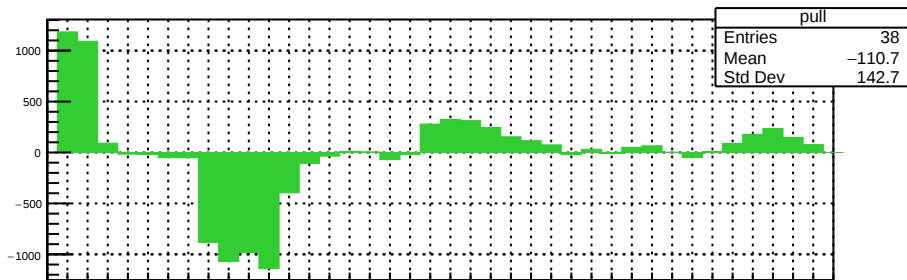
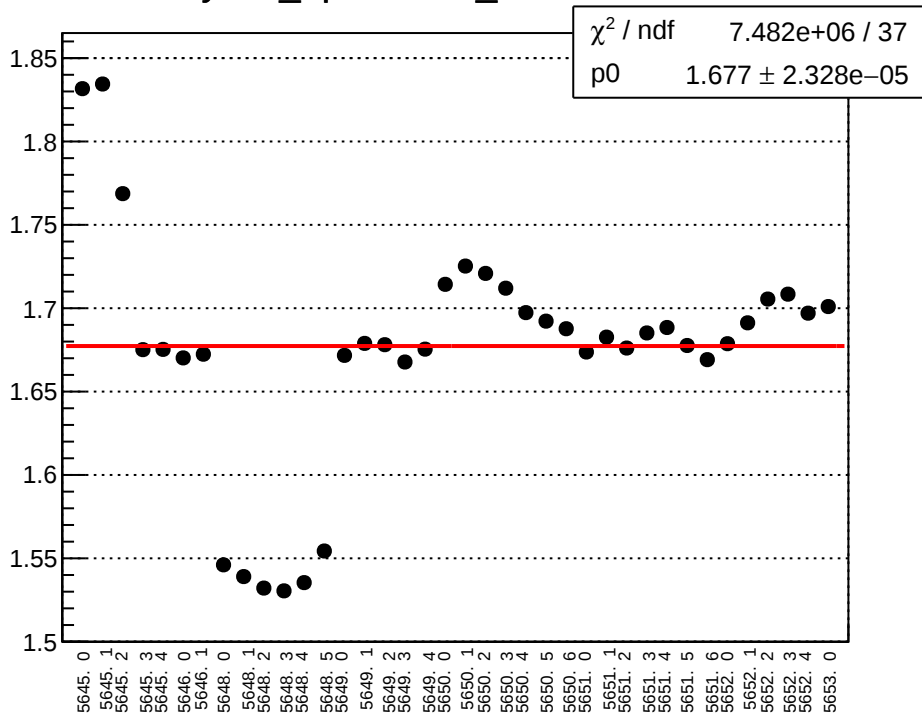
yield_bpm0r05X_mean vs run



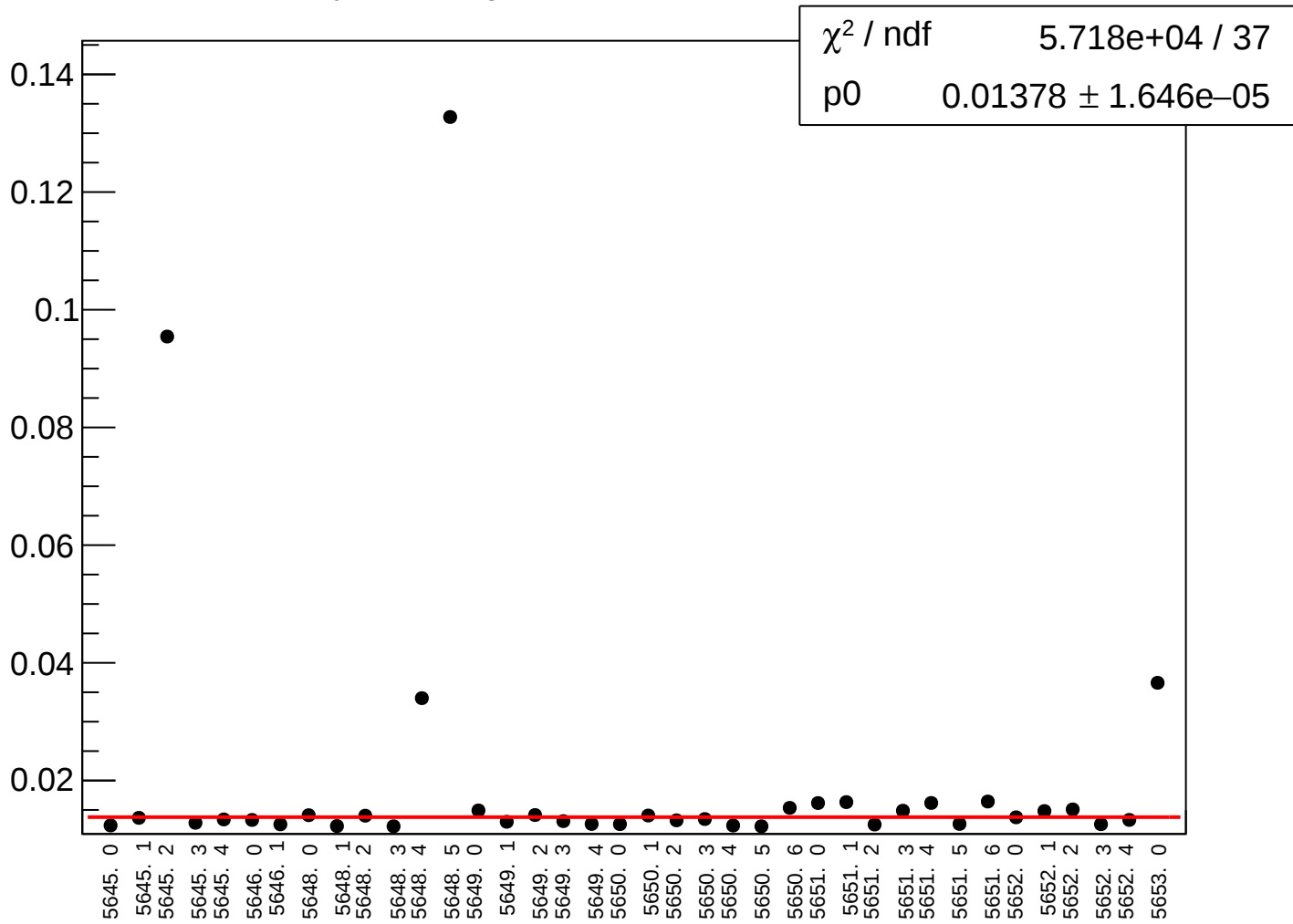
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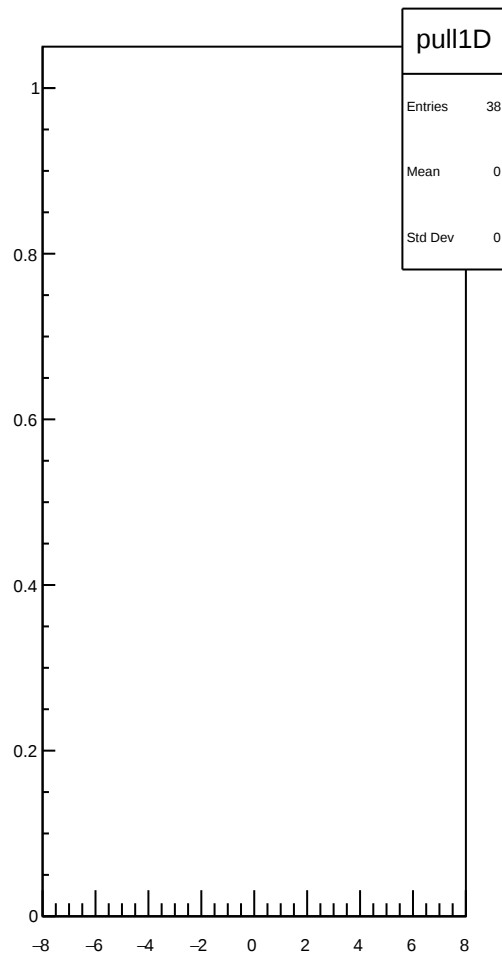
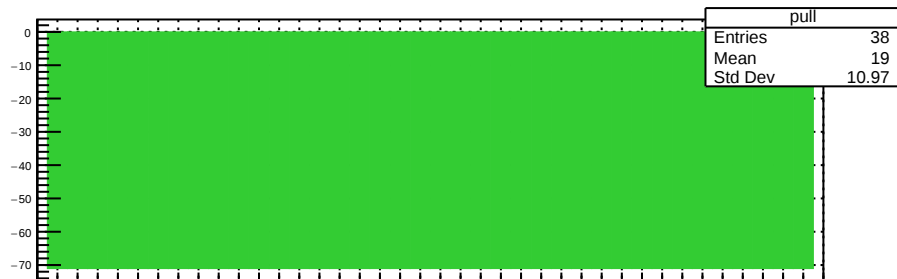
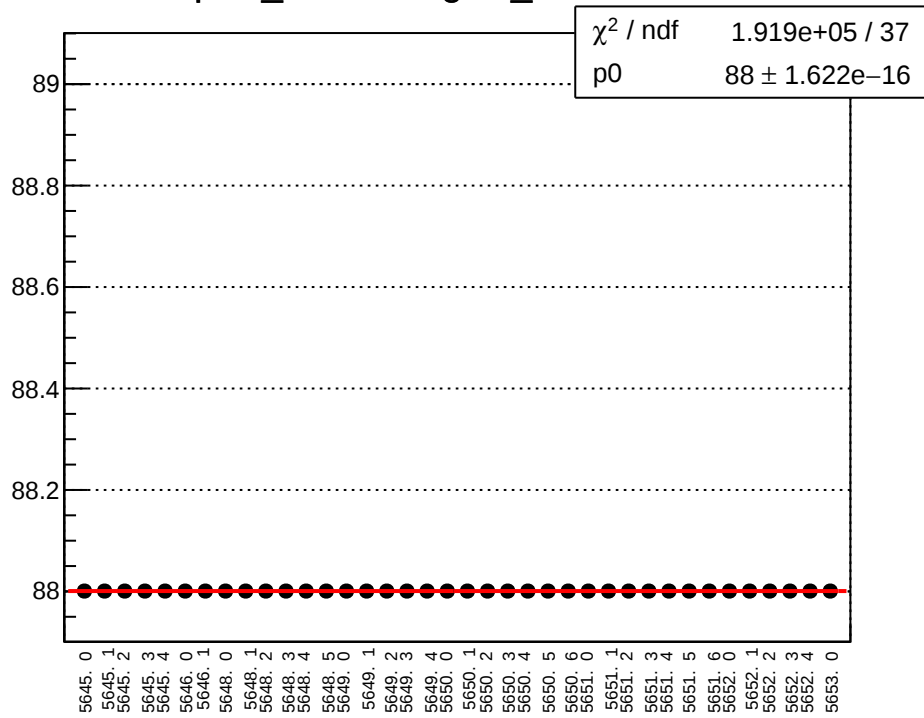
yield_bpm0r05Y_mean vs run



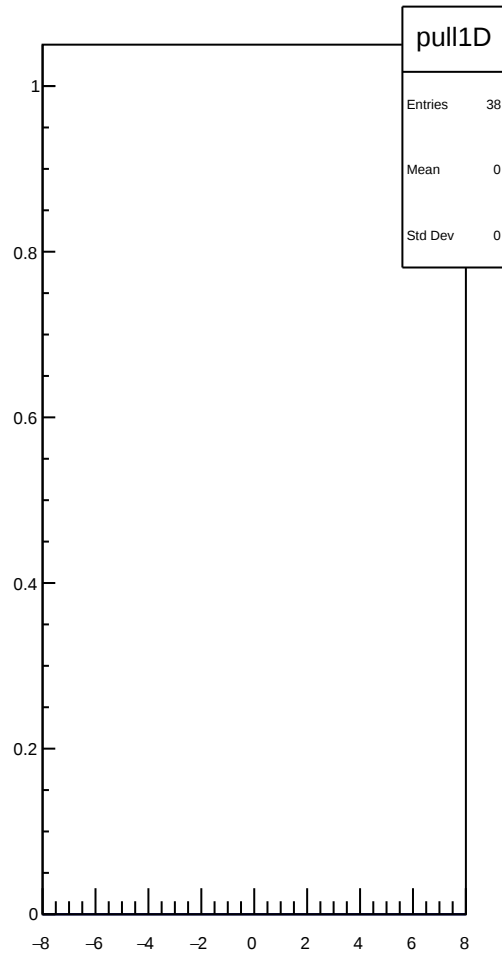
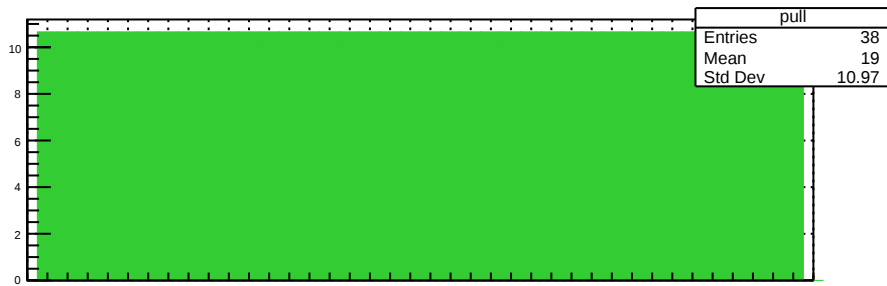
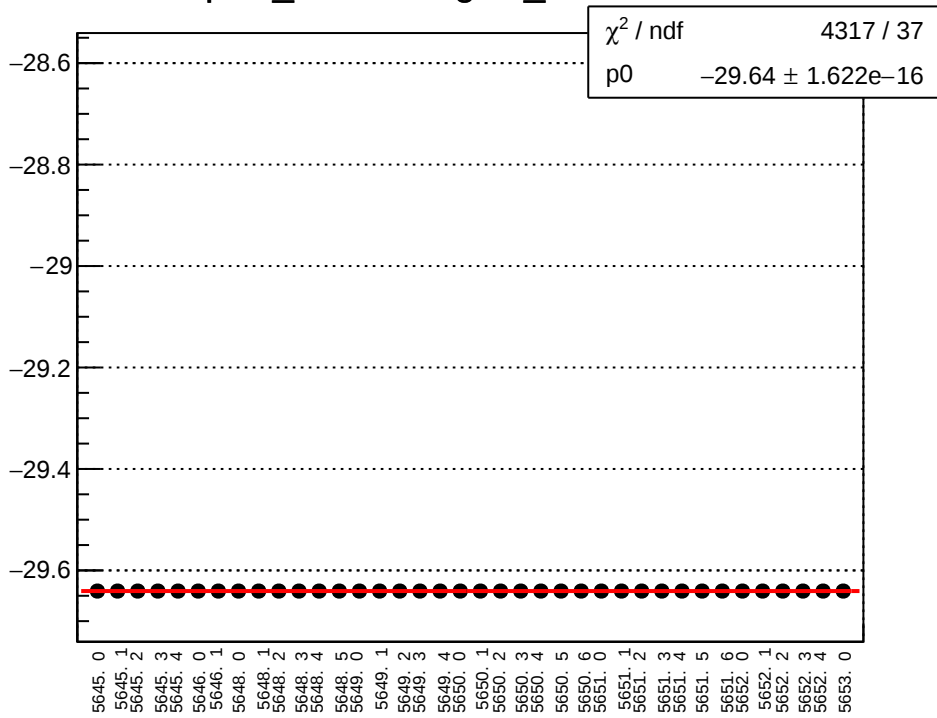
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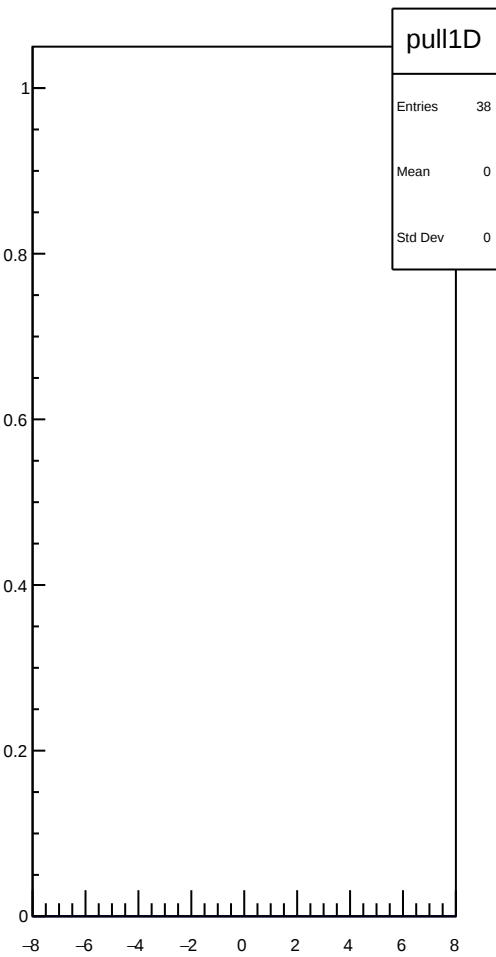
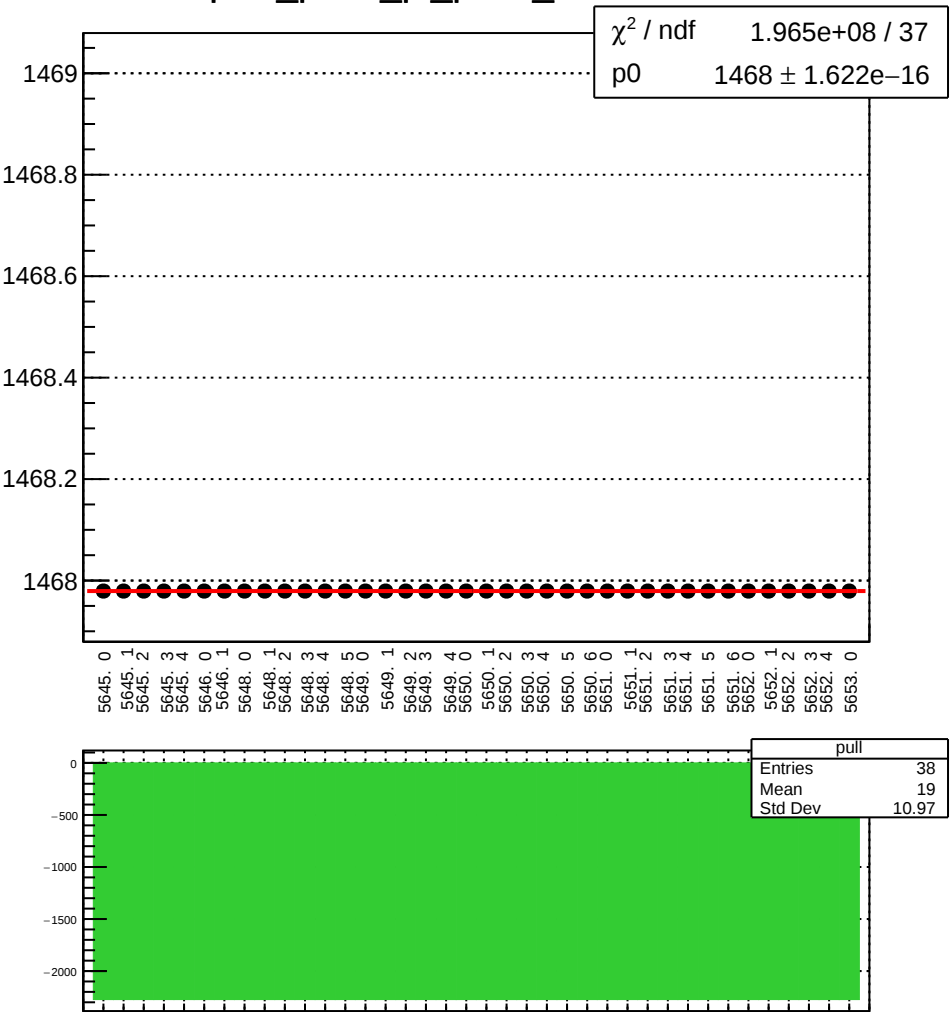
epics_VWienAngles_mean vs run



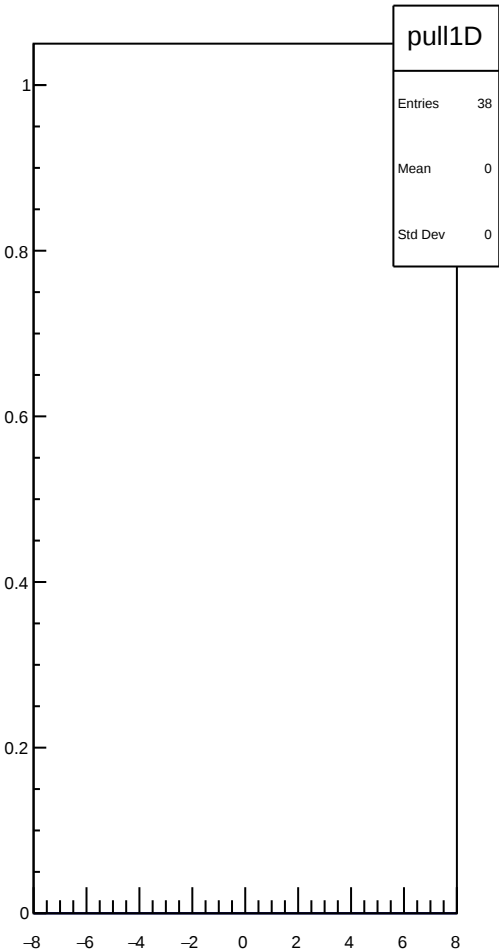
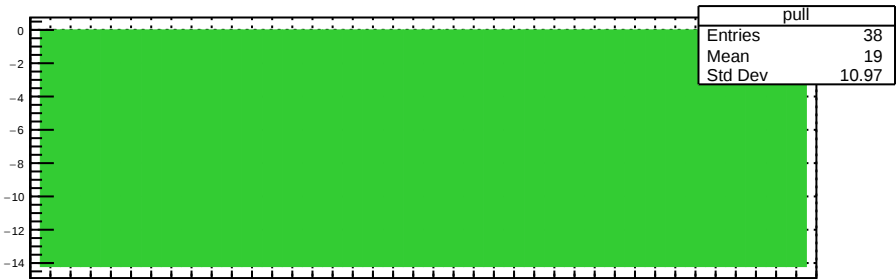
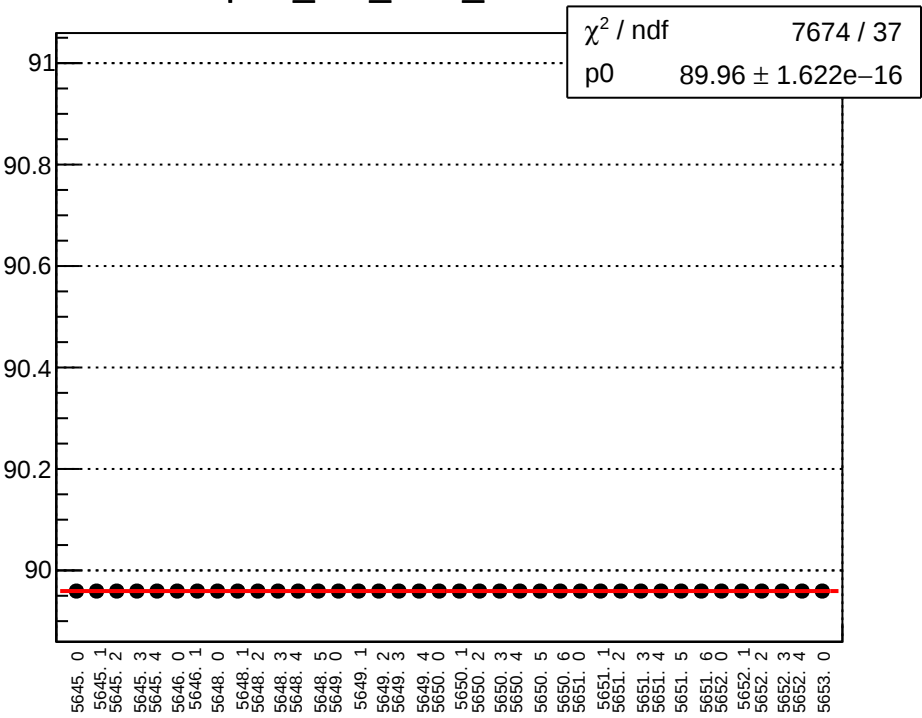
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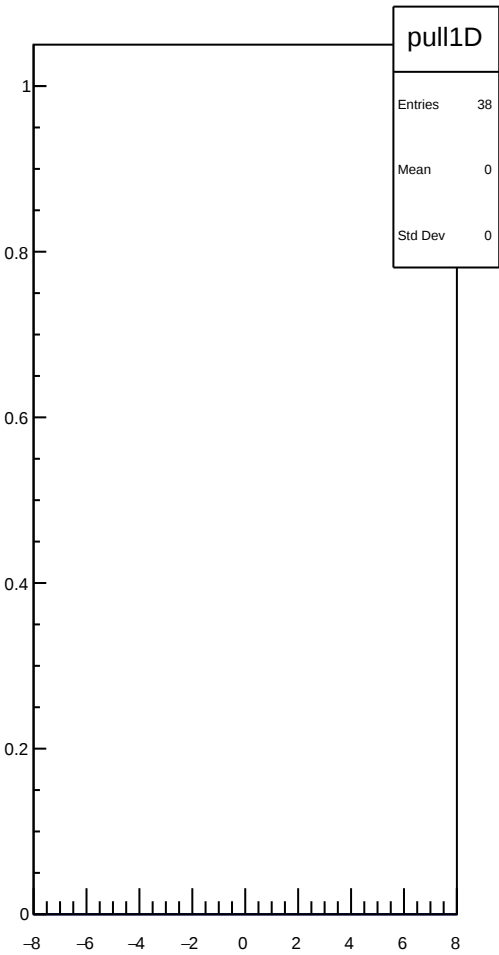
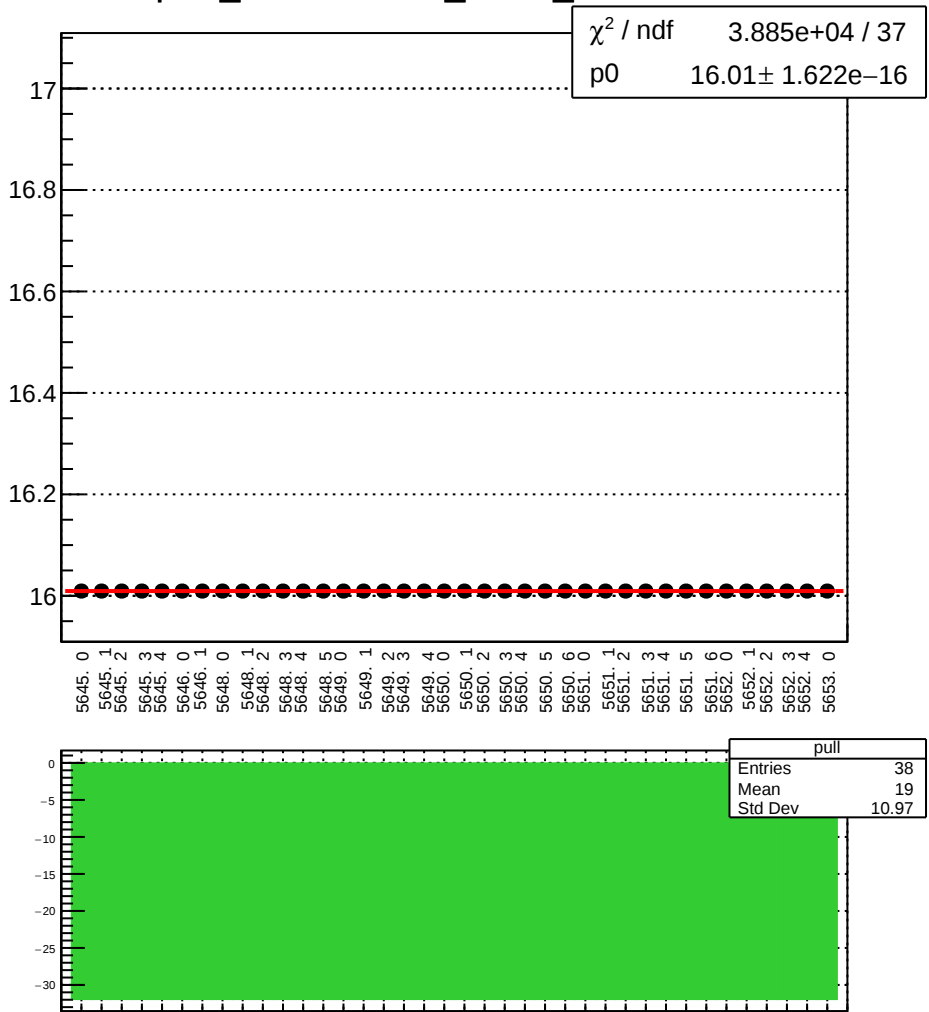
epics_psub_pl_poss_mean vs run



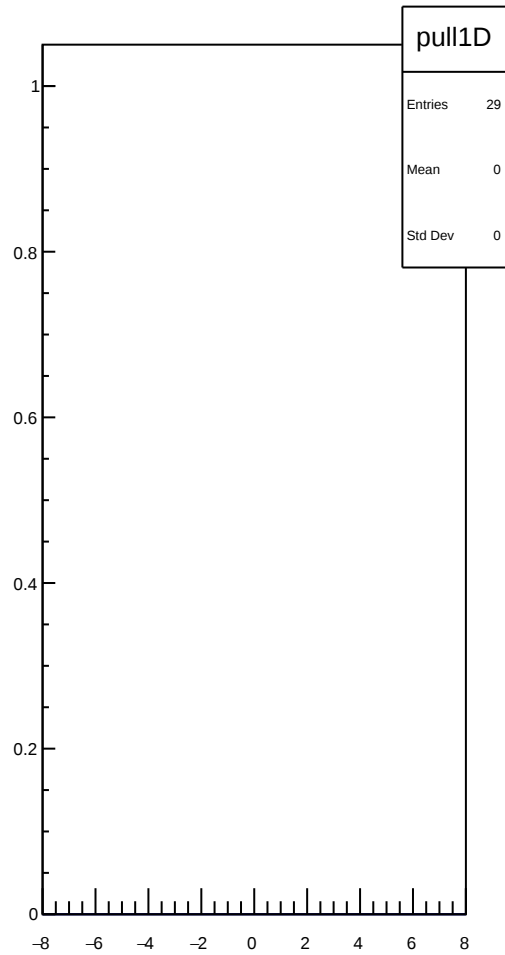
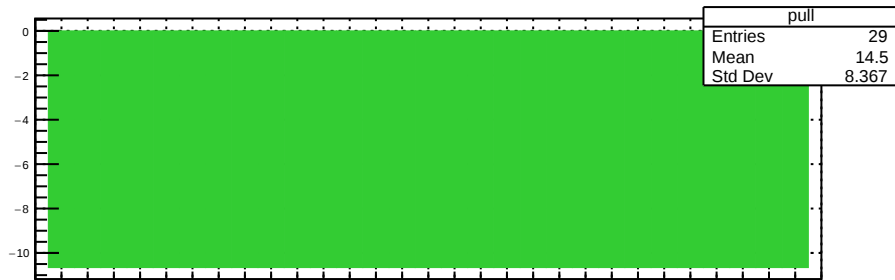
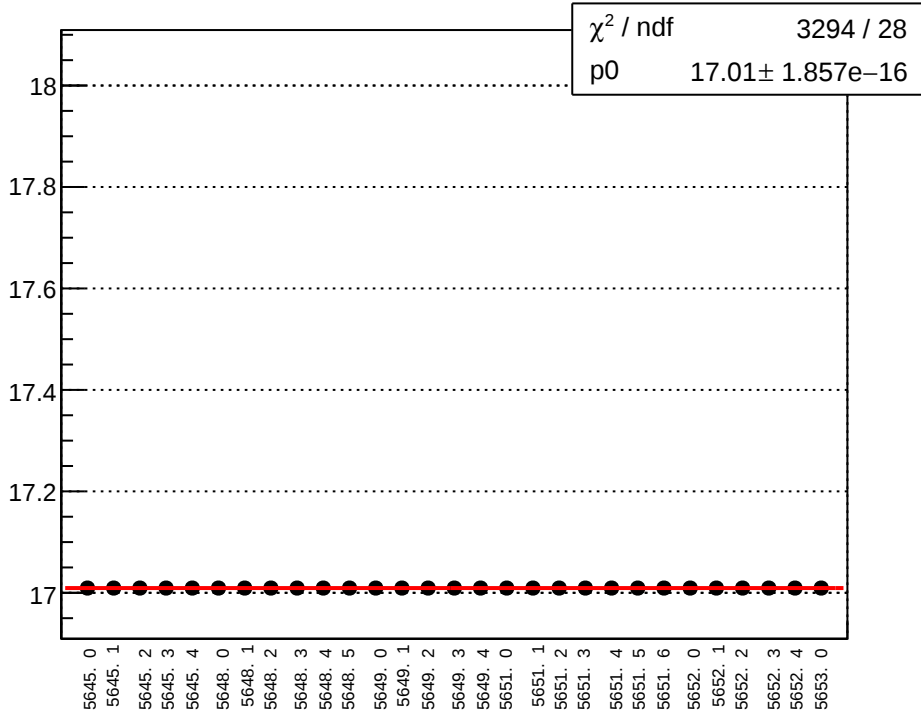
epics_Phi_FGs_mean vs run



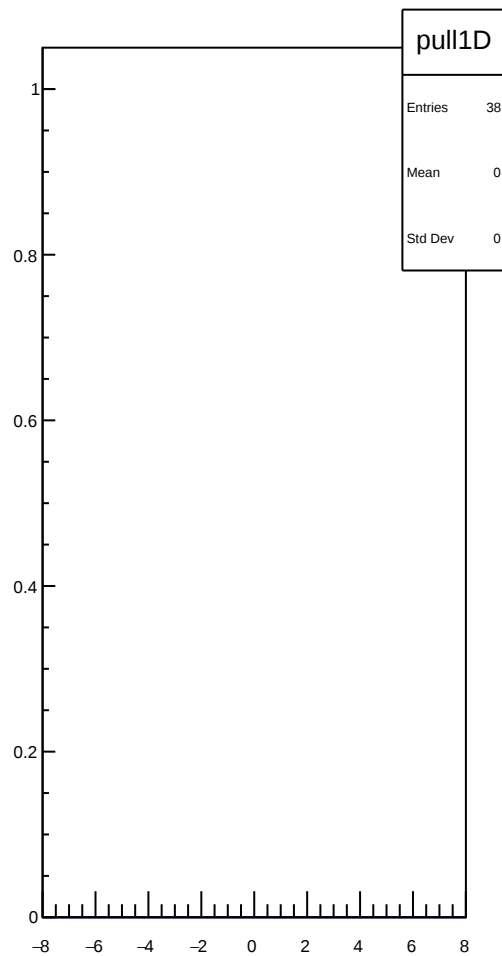
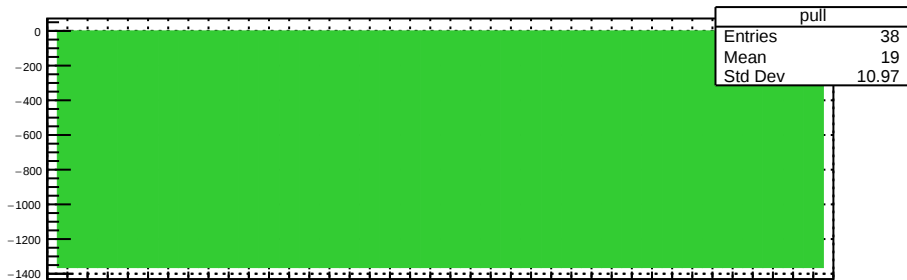
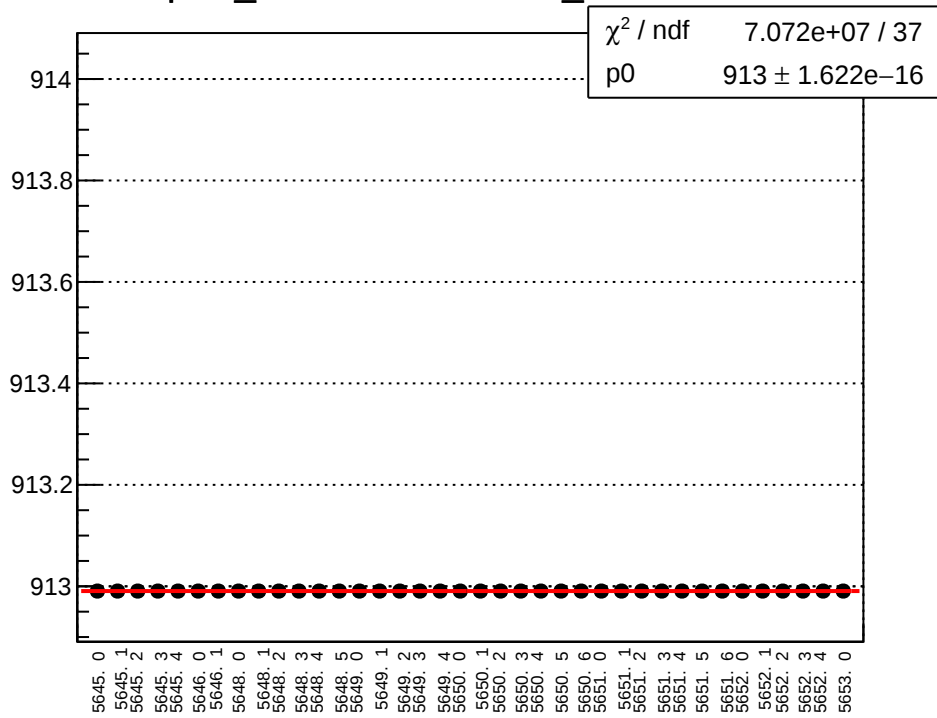
epics_IGL1I00DI24_24Ms_mean vs run



epics_IGL1I00OD16_16s_mean vs run



epics_RTPAPOSUCNTs_mean vs run



epics_RTPAPOSVCNTs_mean vs run

