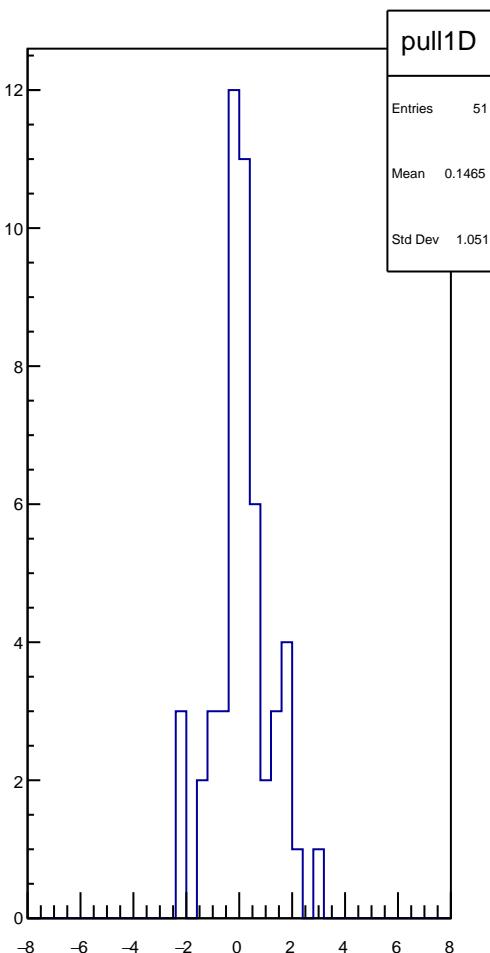
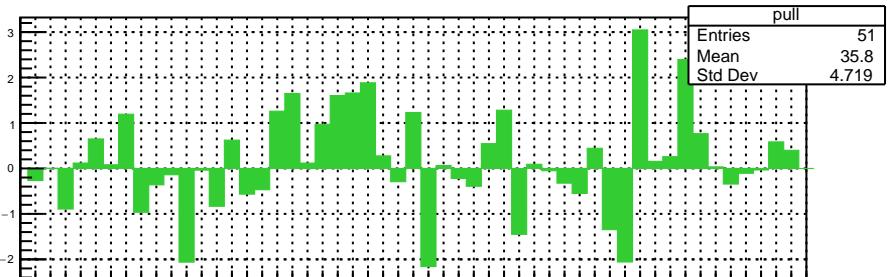
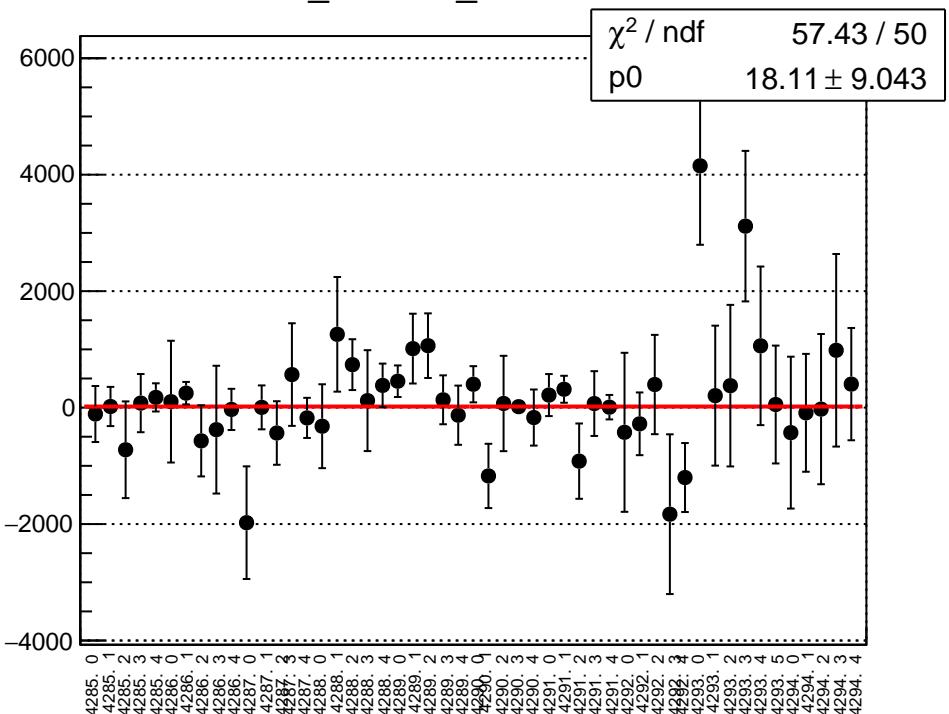
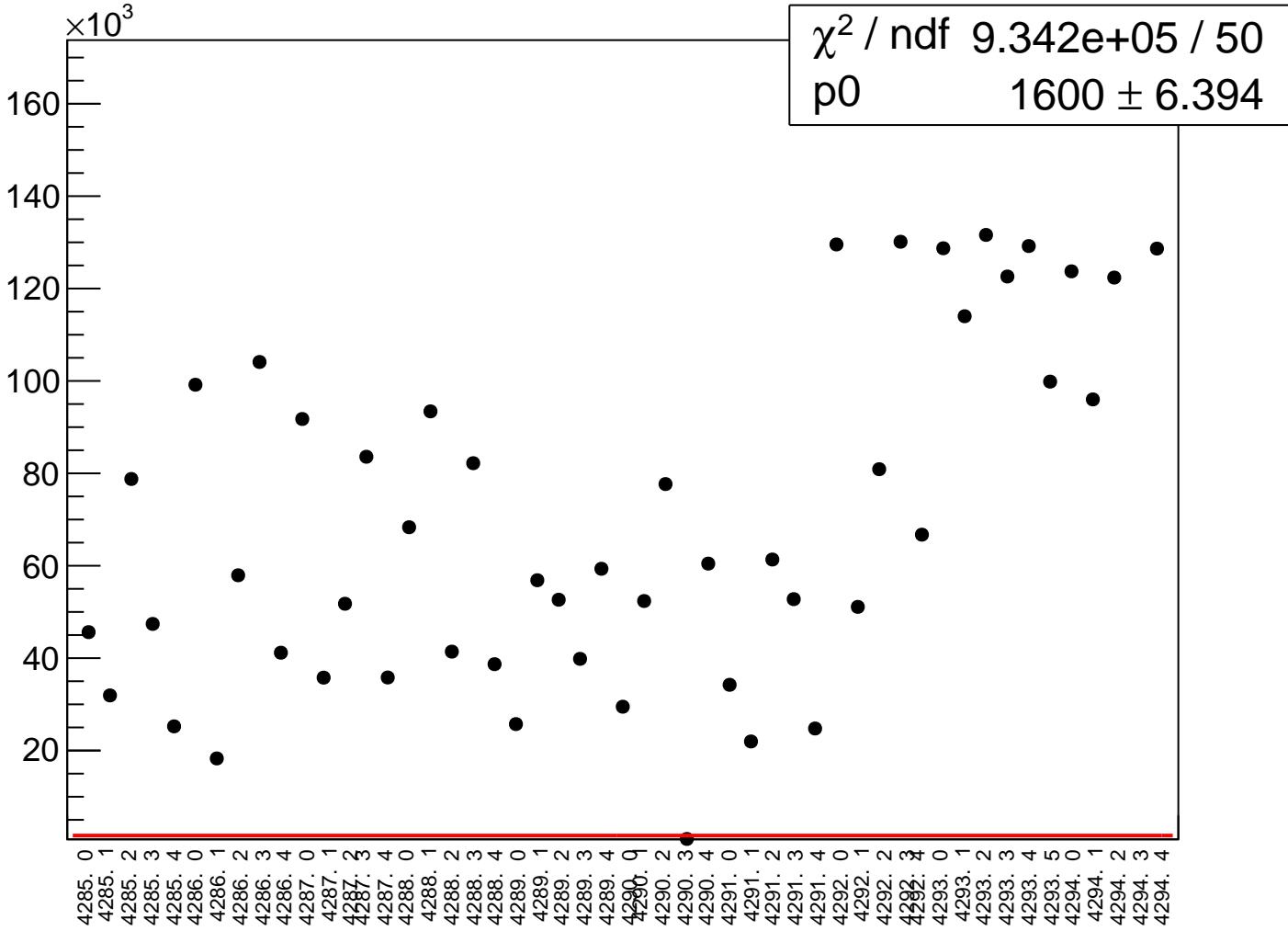


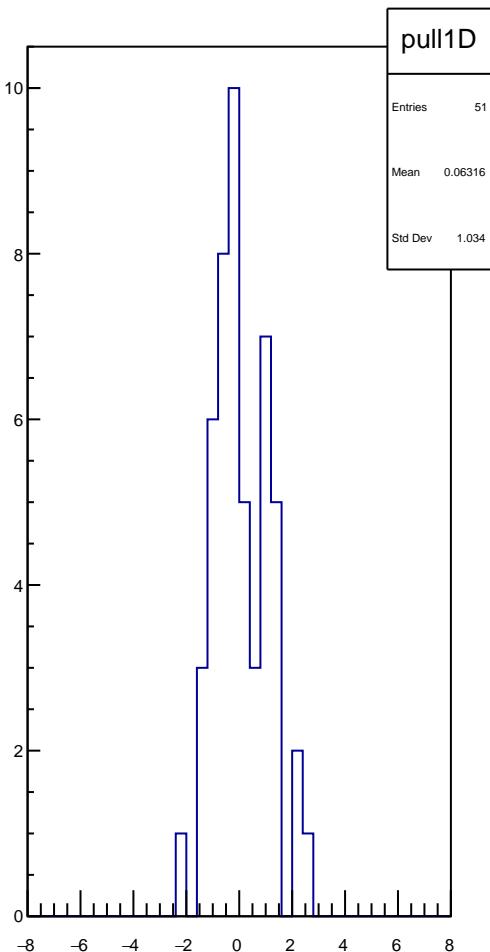
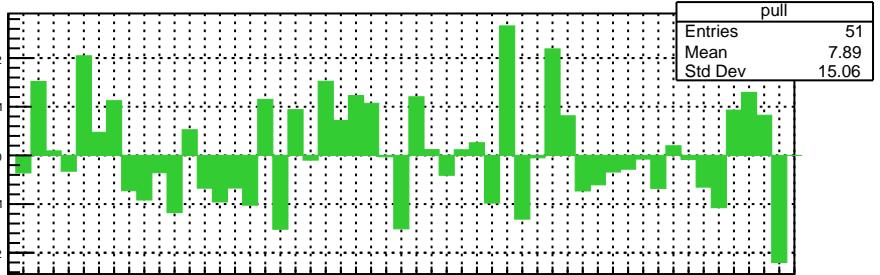
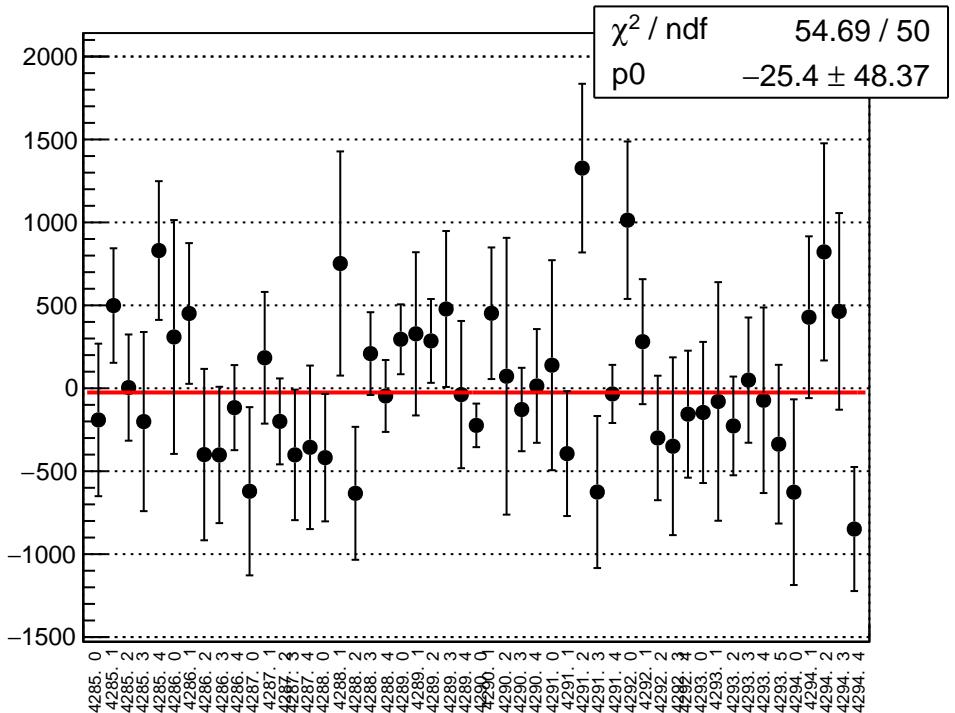
diff_cav4bX_mean vs run



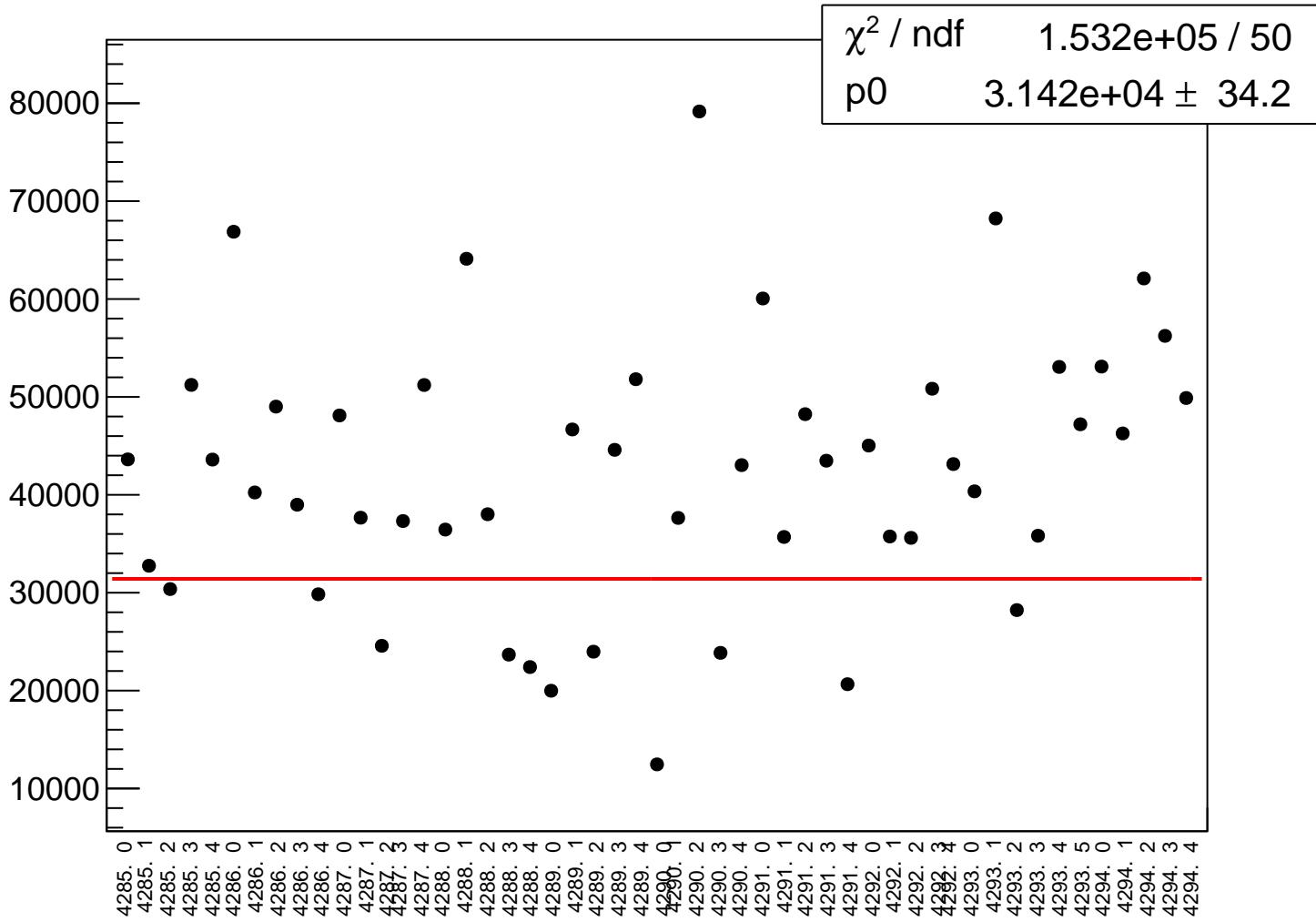
diff_cav4bX_rms vs run



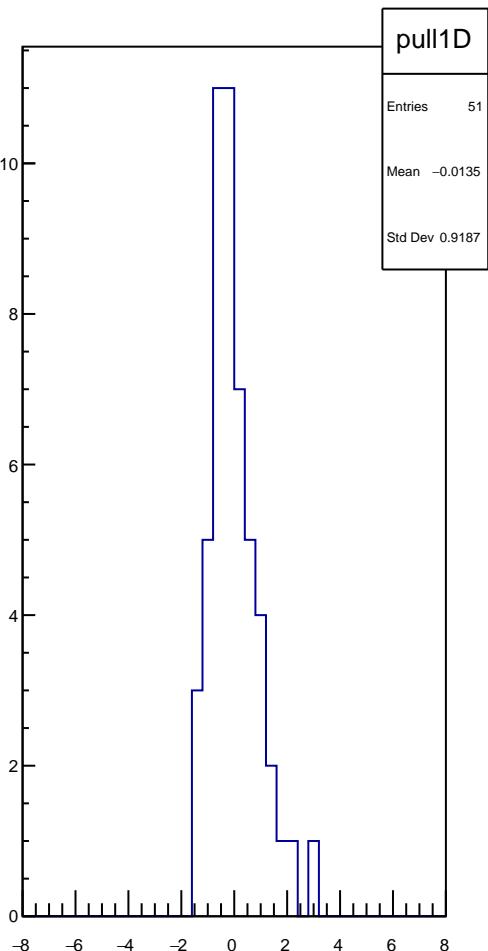
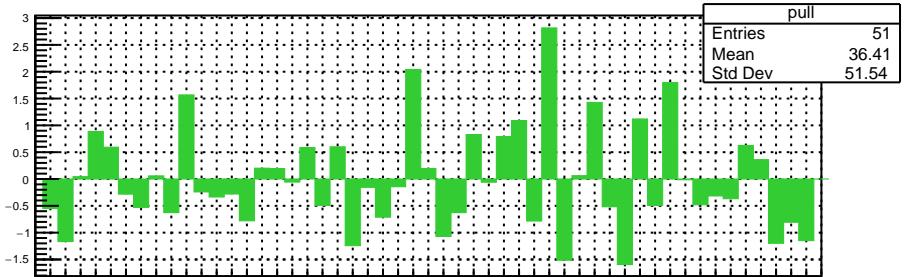
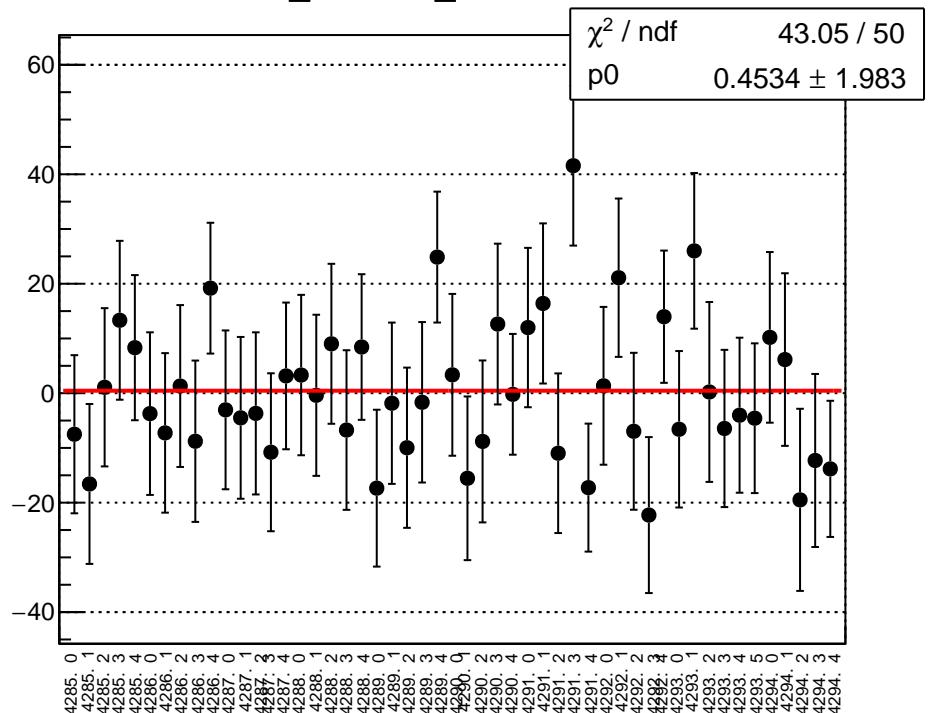
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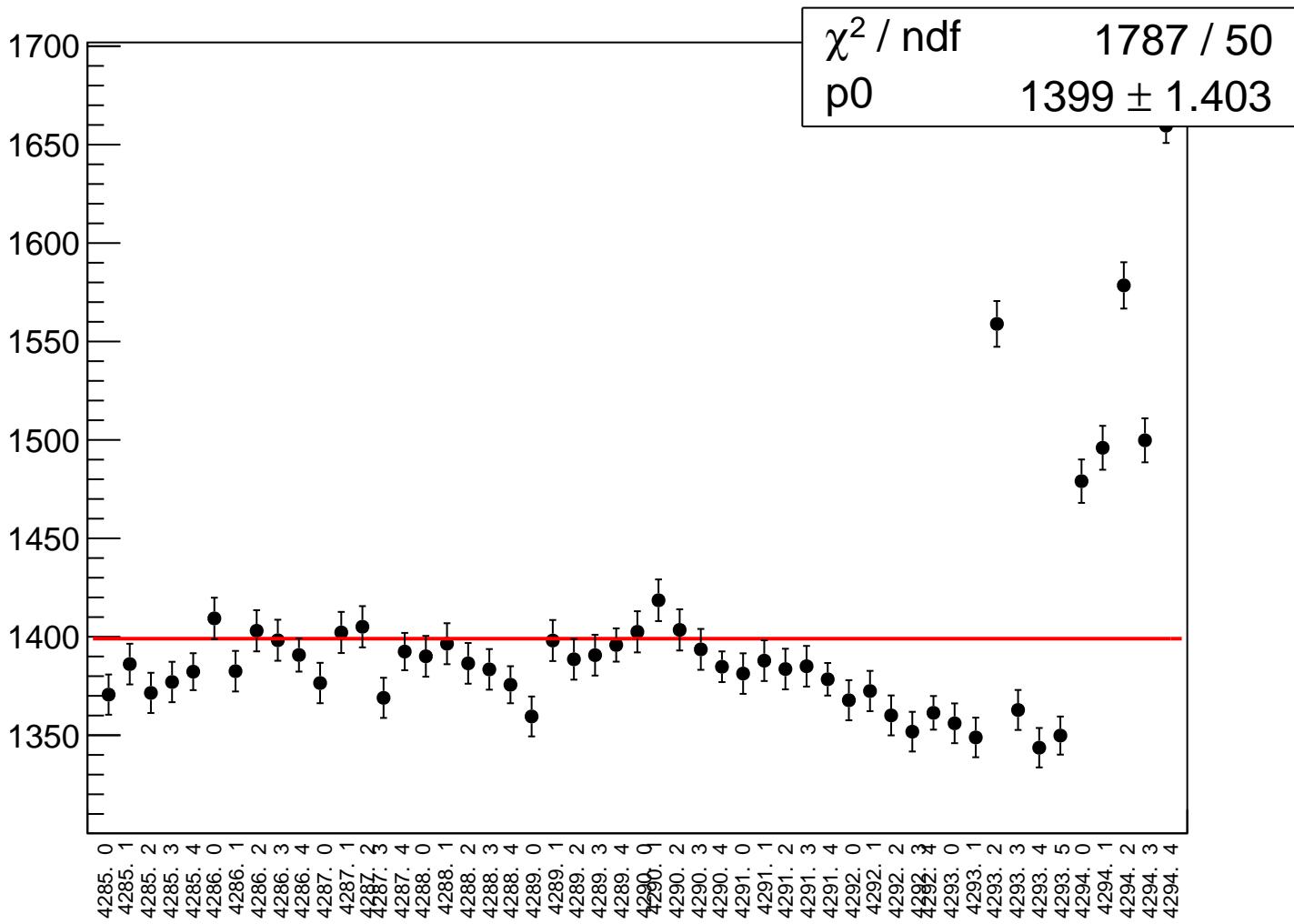
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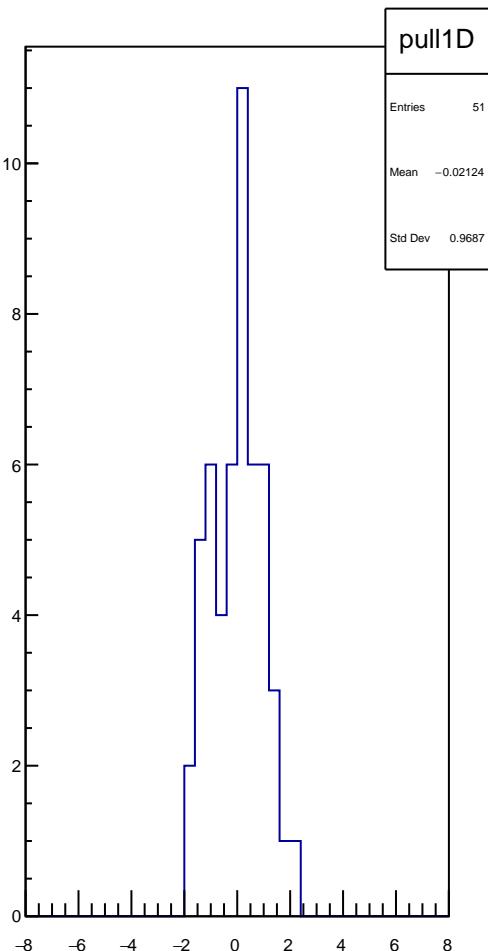
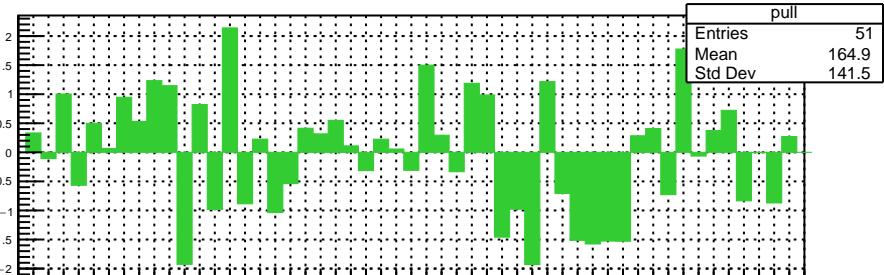
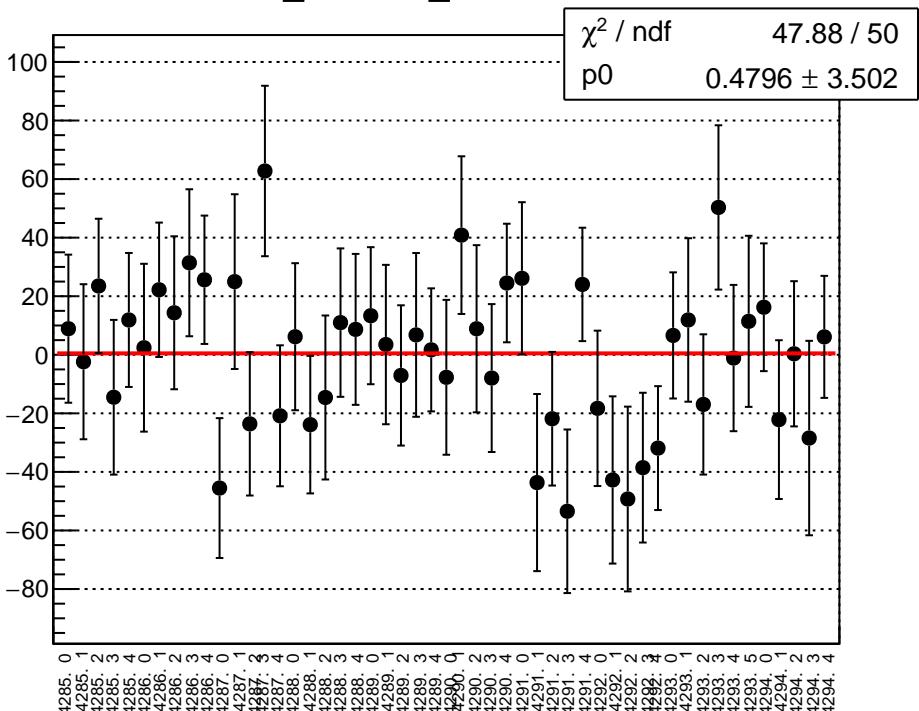
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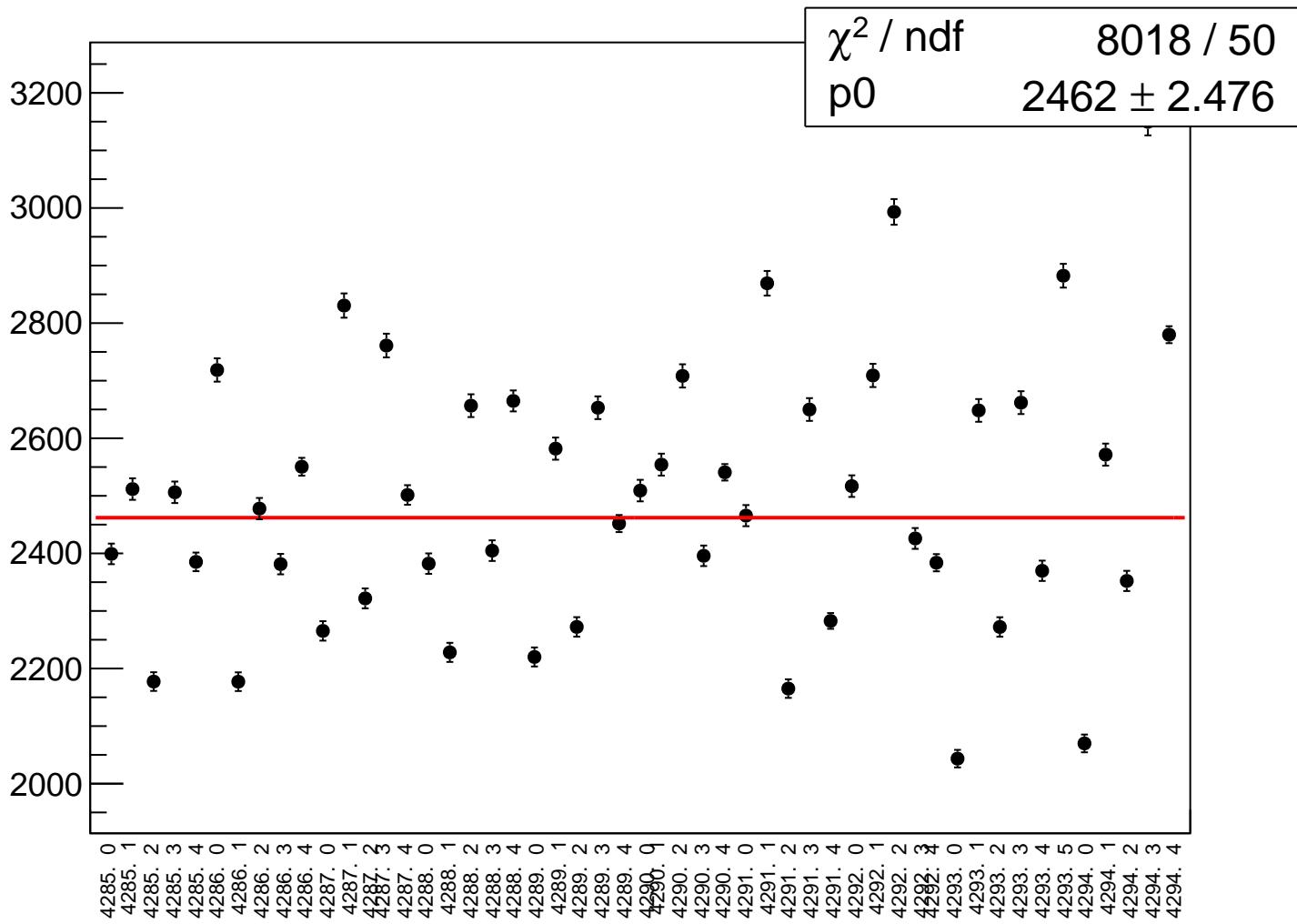
diff_cav4cX_rms vs run



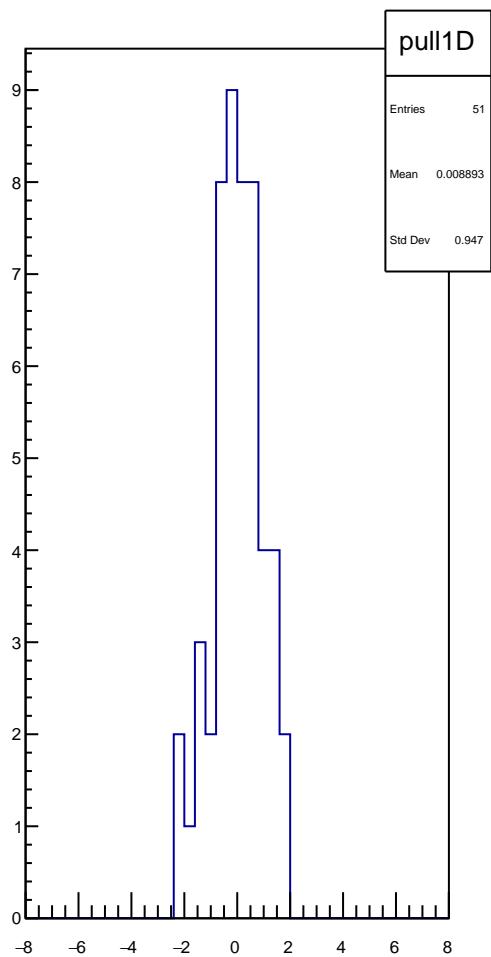
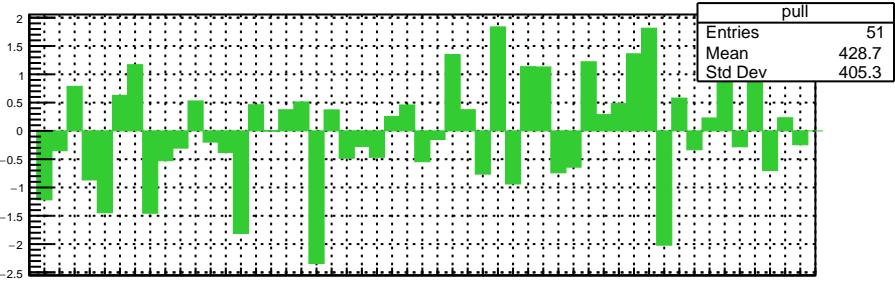
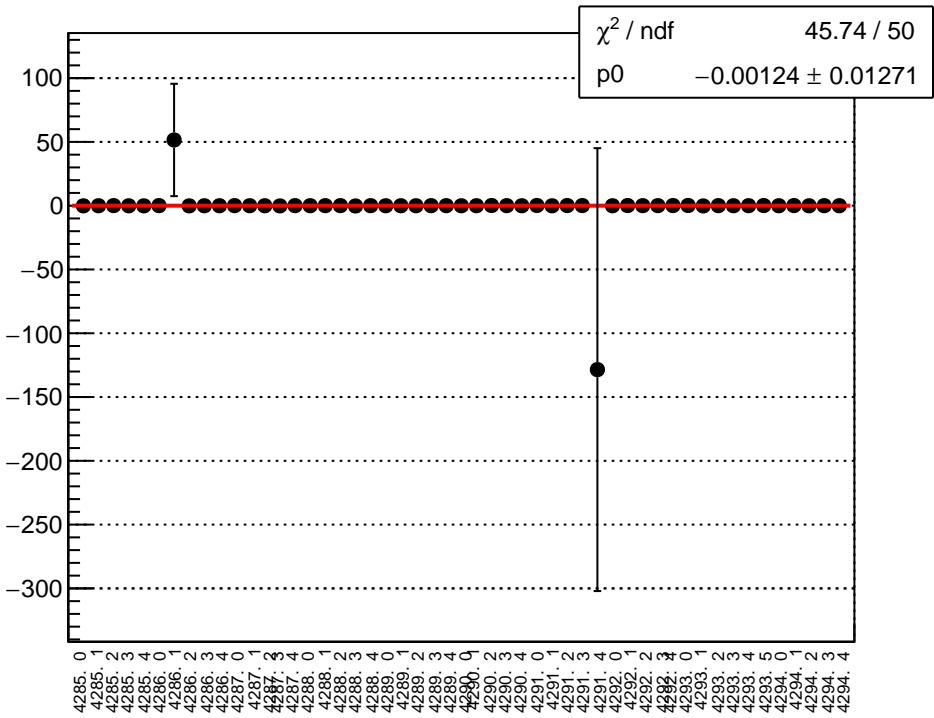
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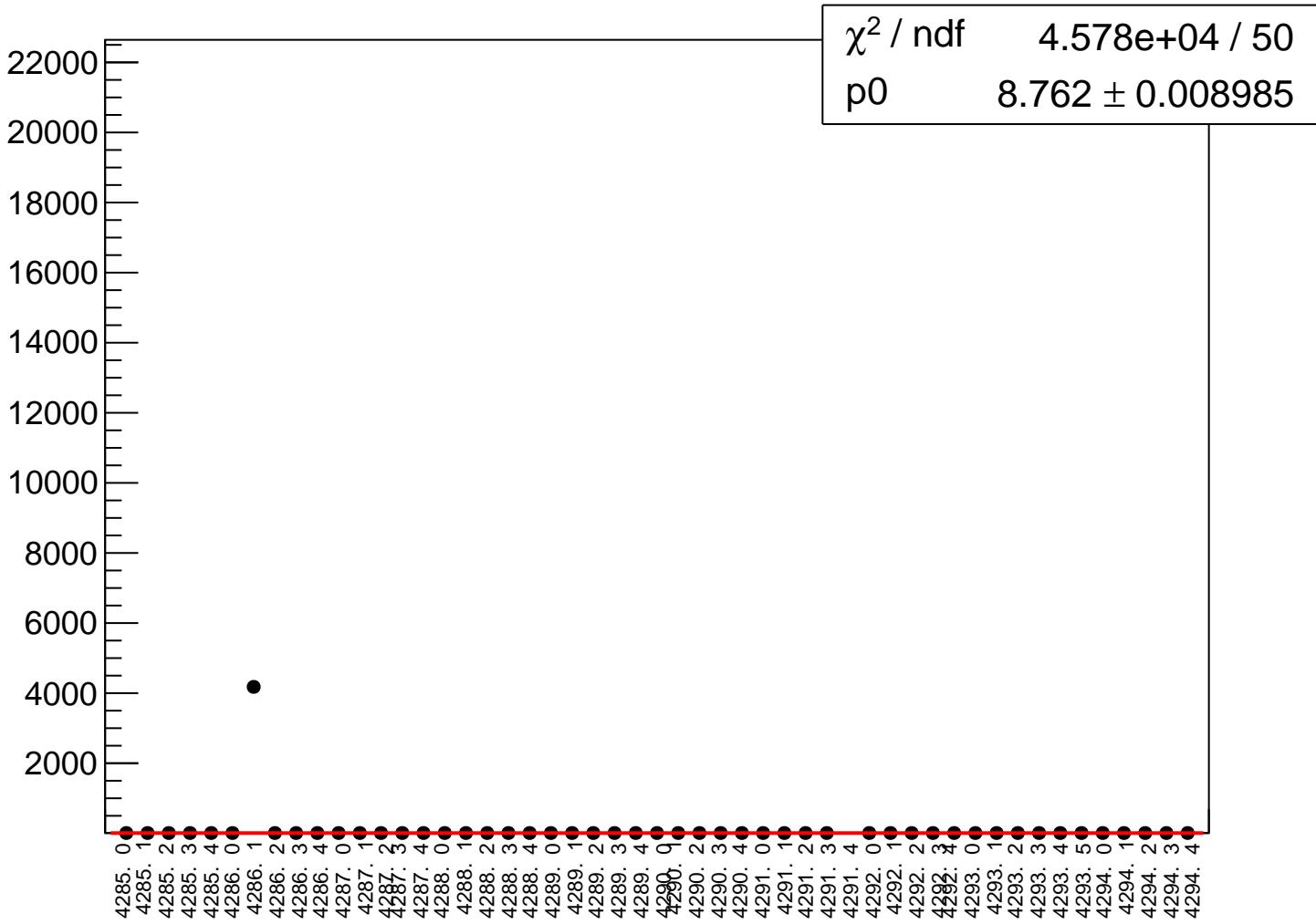
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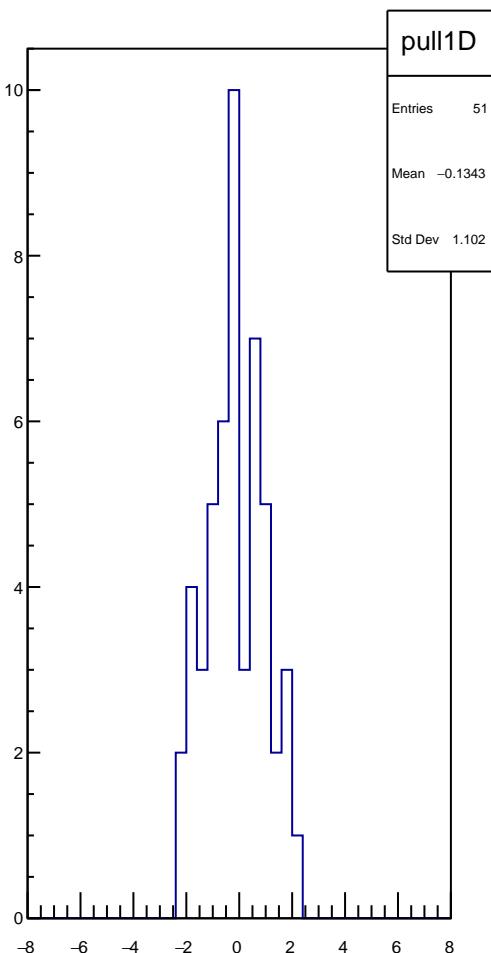
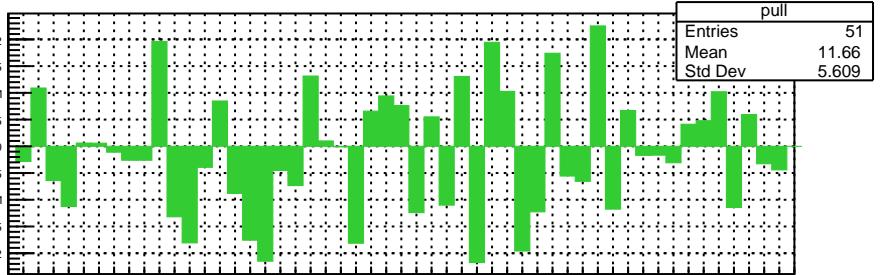
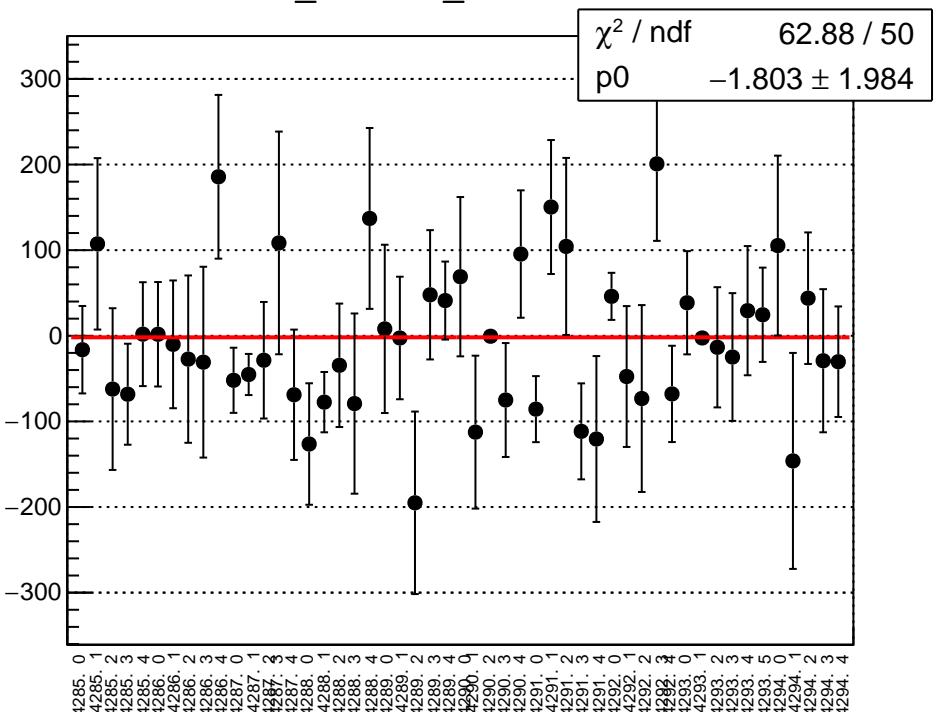
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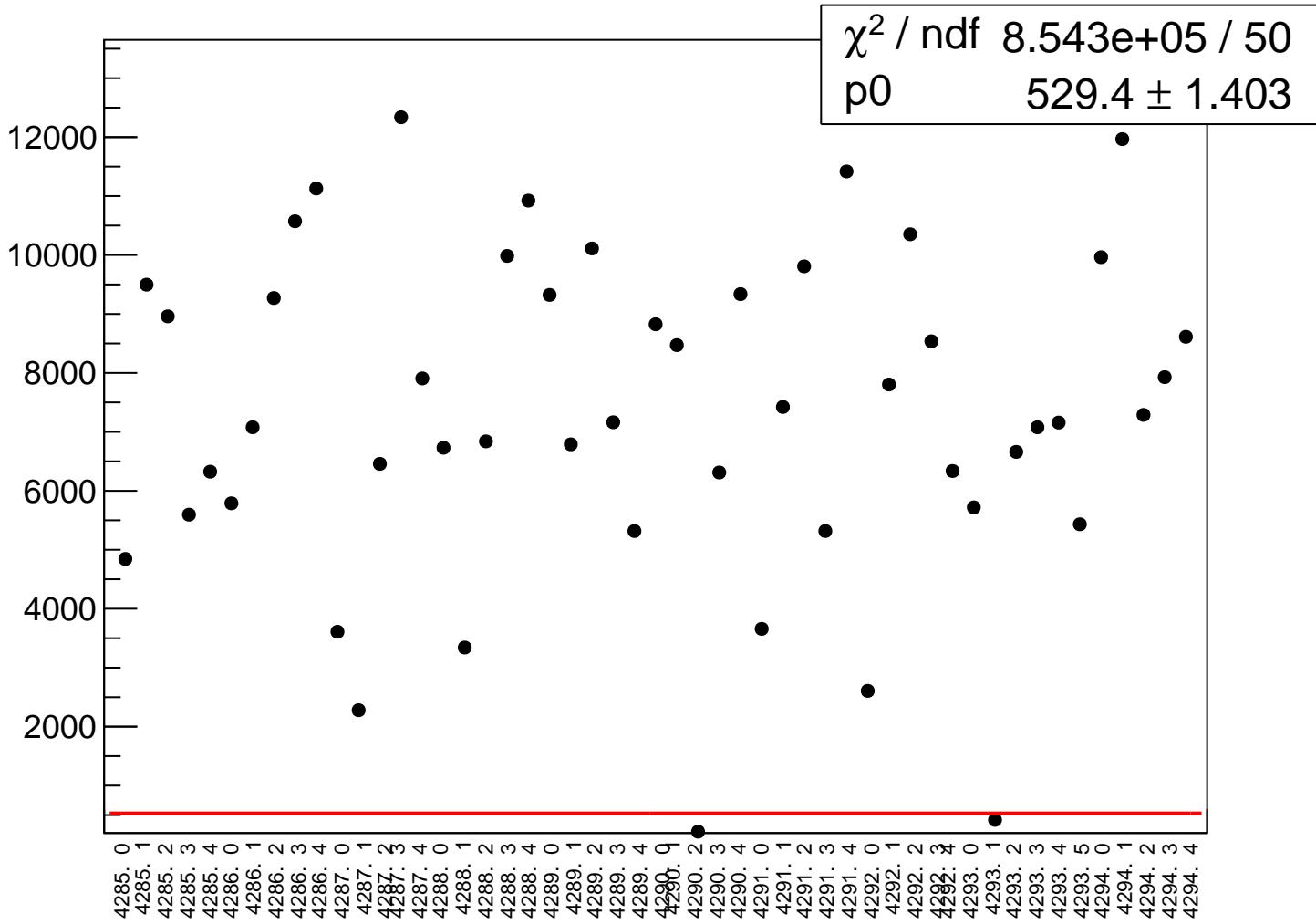
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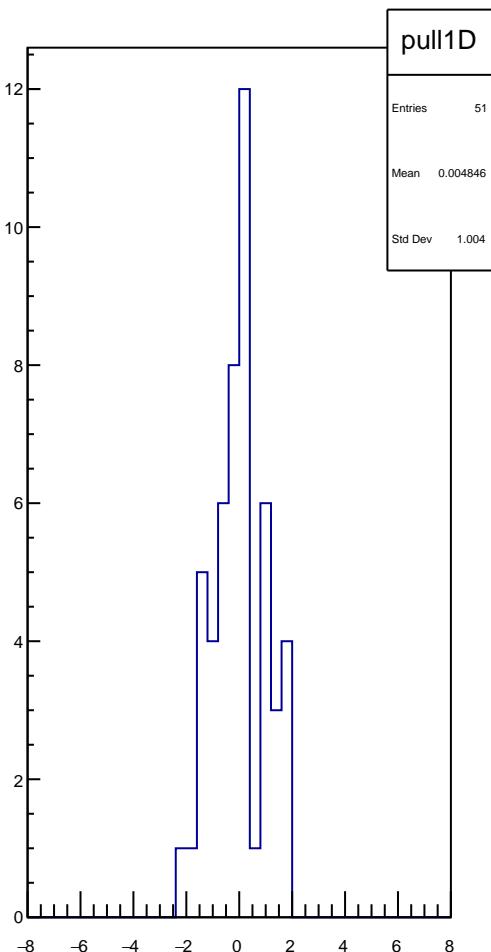
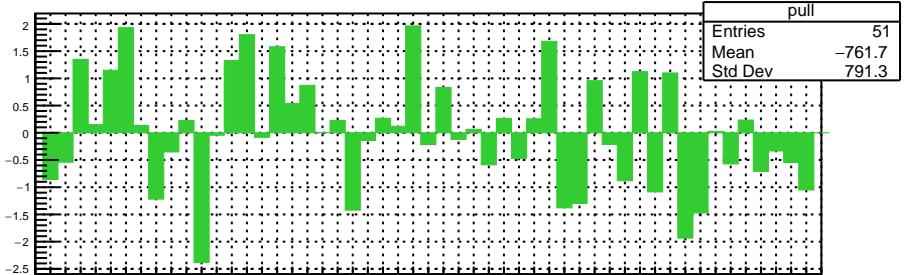
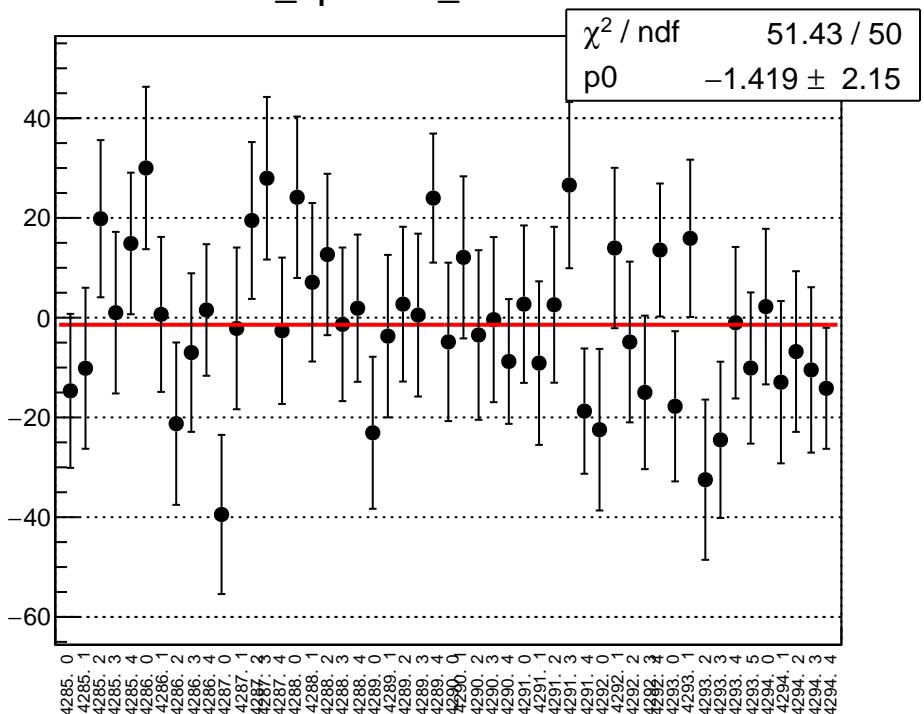
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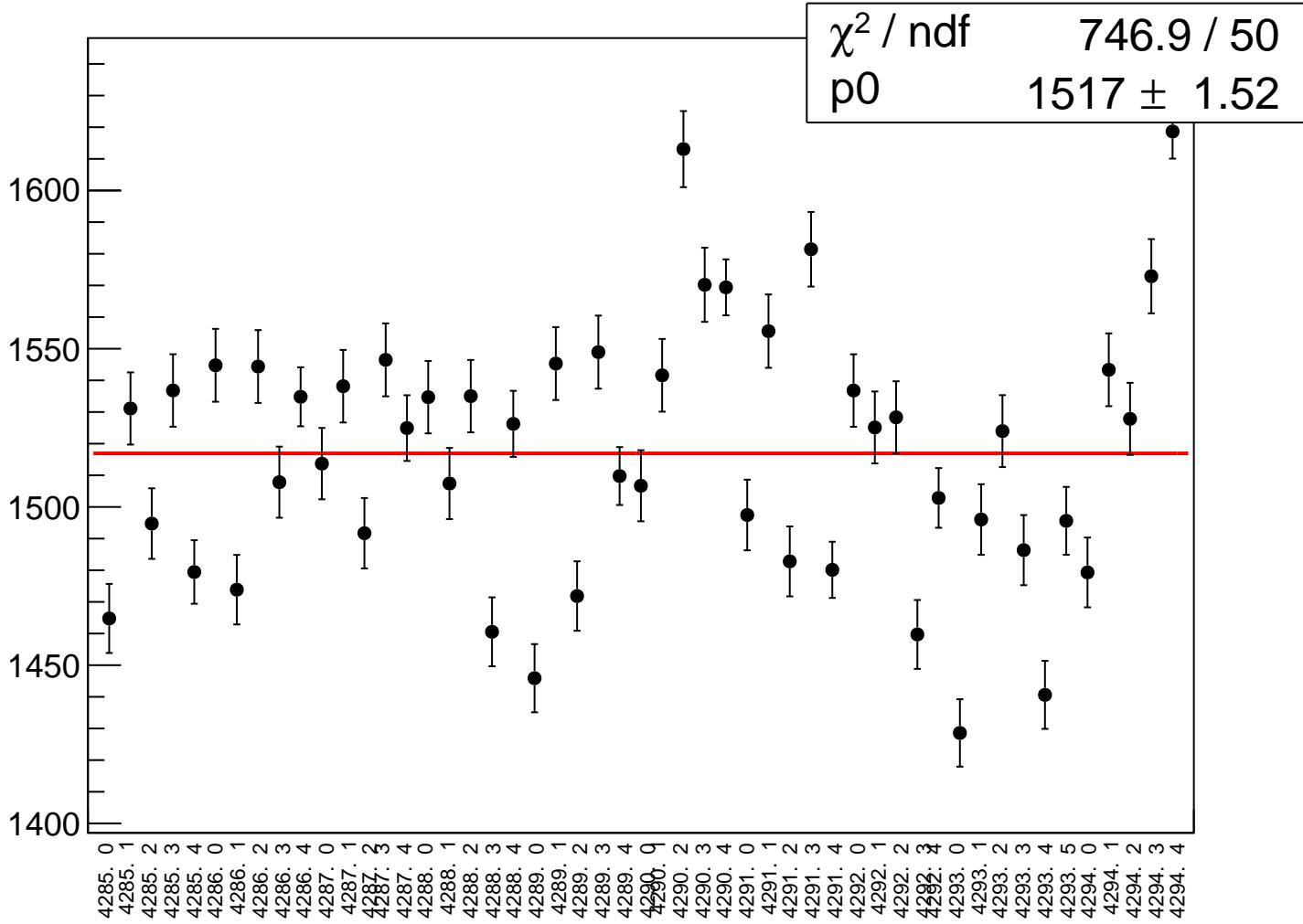
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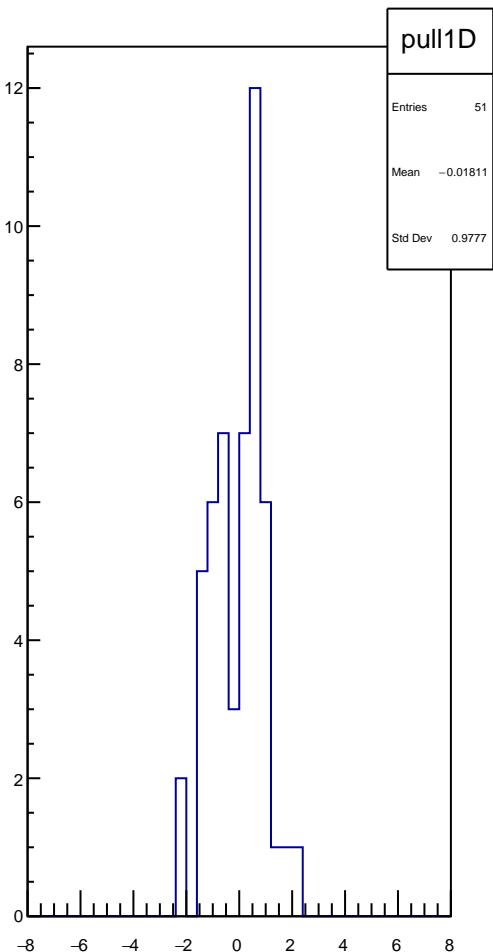
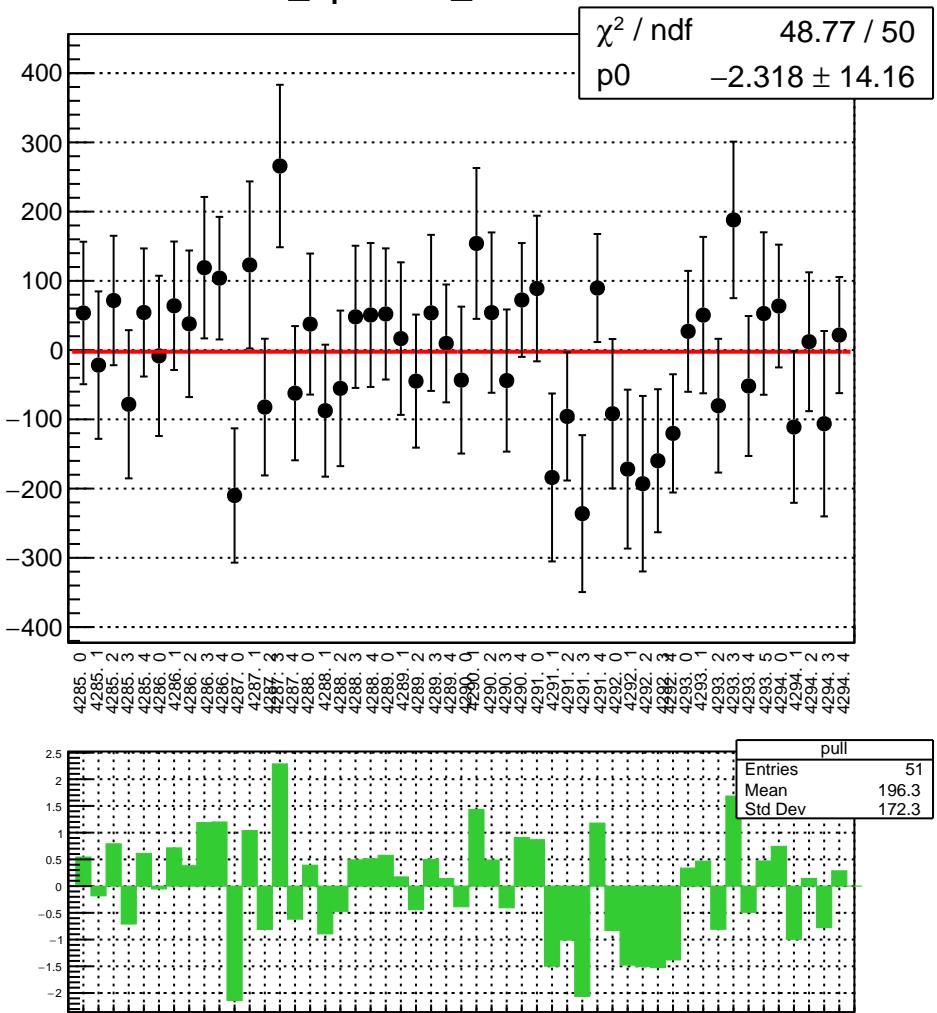
diff_bpm4aX_mean vs run



diff_bpm4aX_rms vs run



diff_bpm4aY_mean vs run

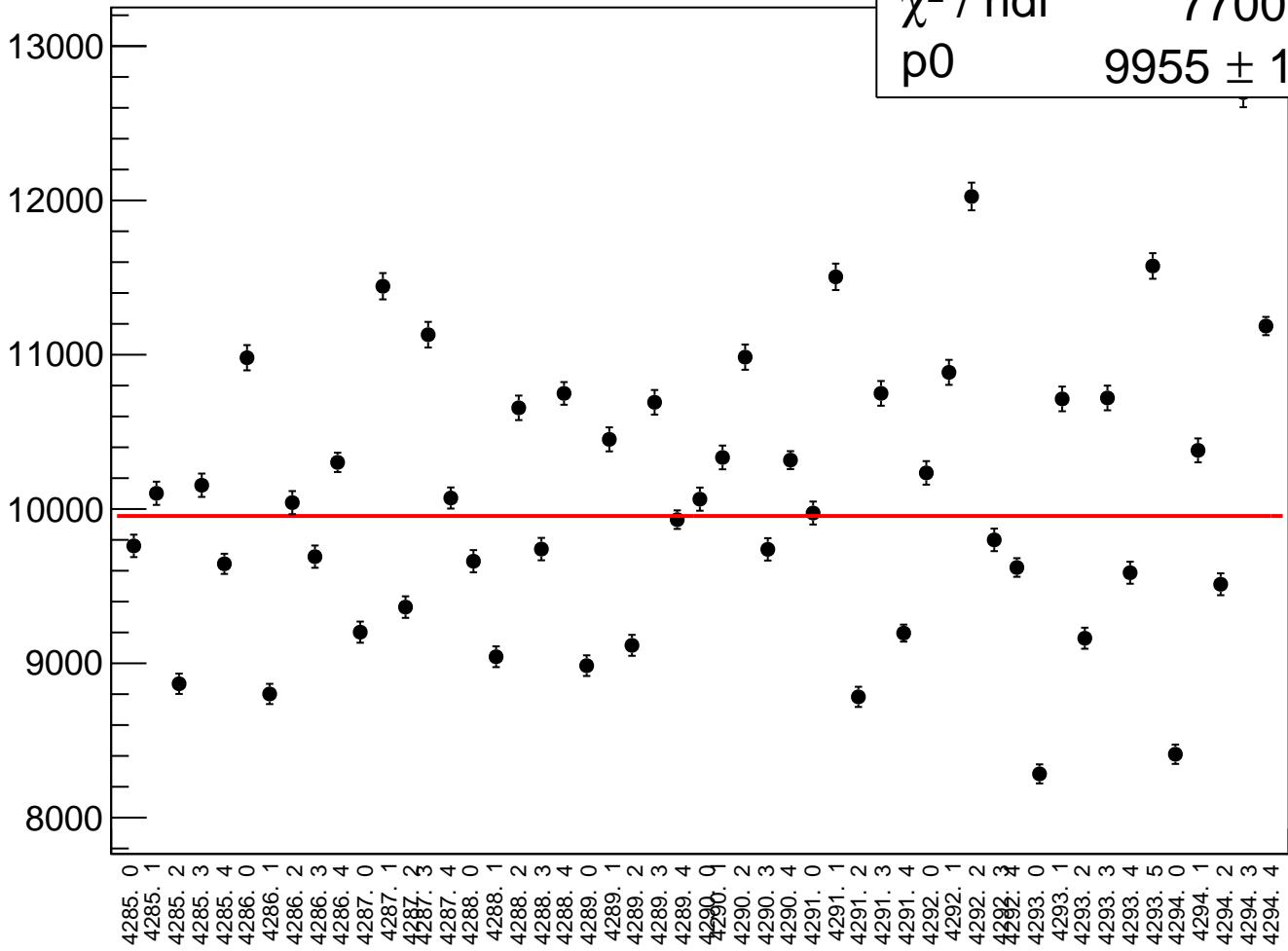


diff_bpm4aY_rms vs run

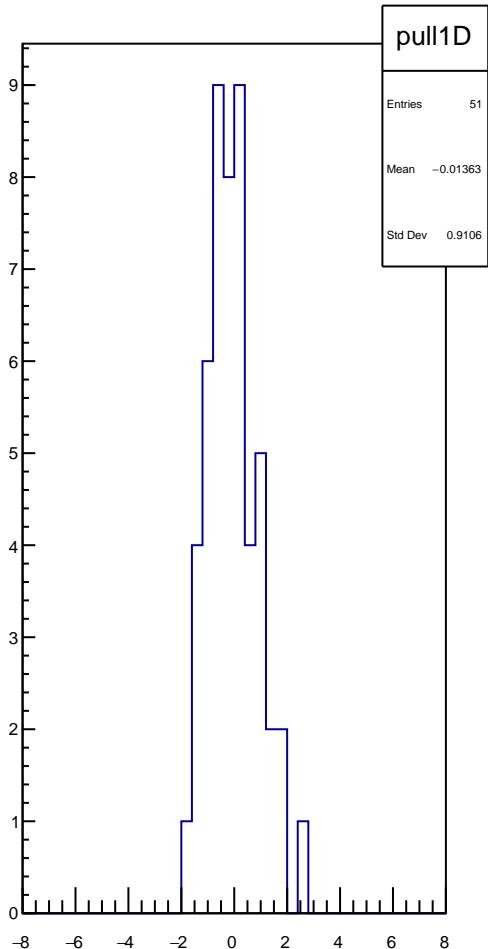
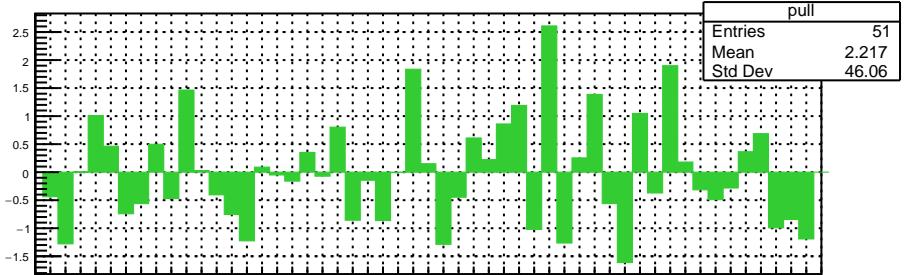
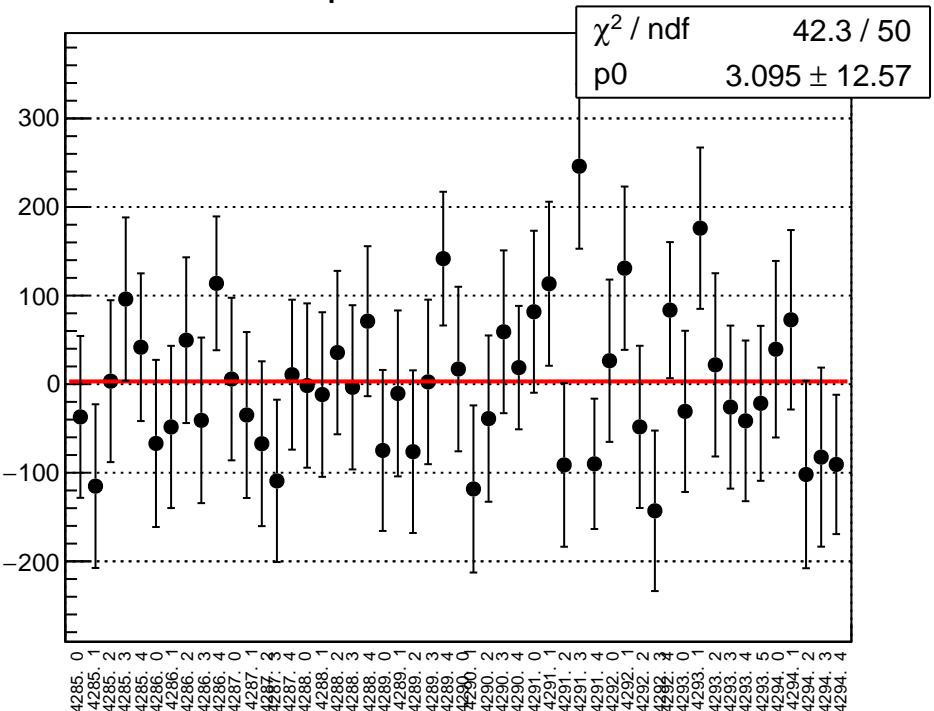
χ^2 / ndf
p0

7700 / 50

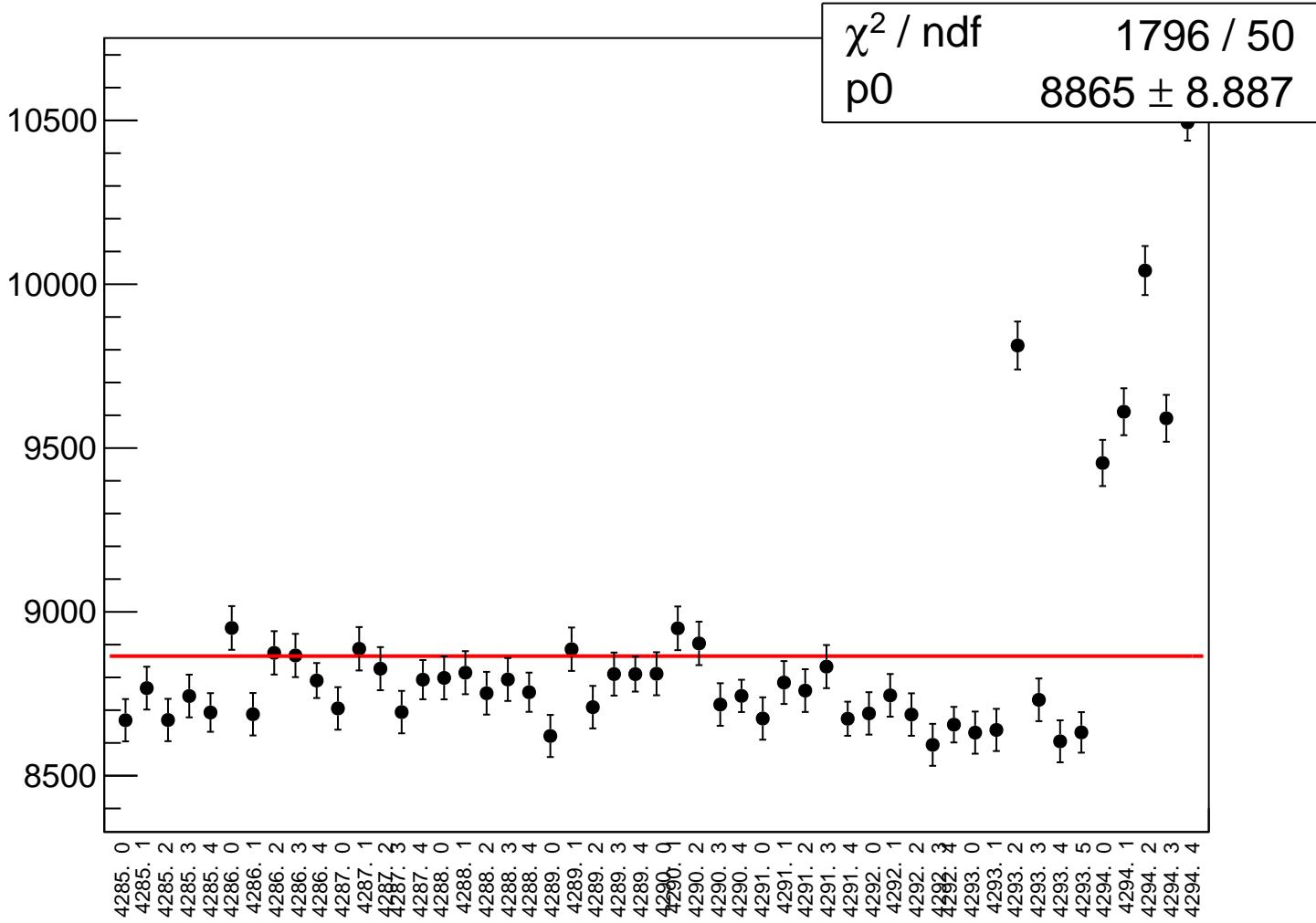
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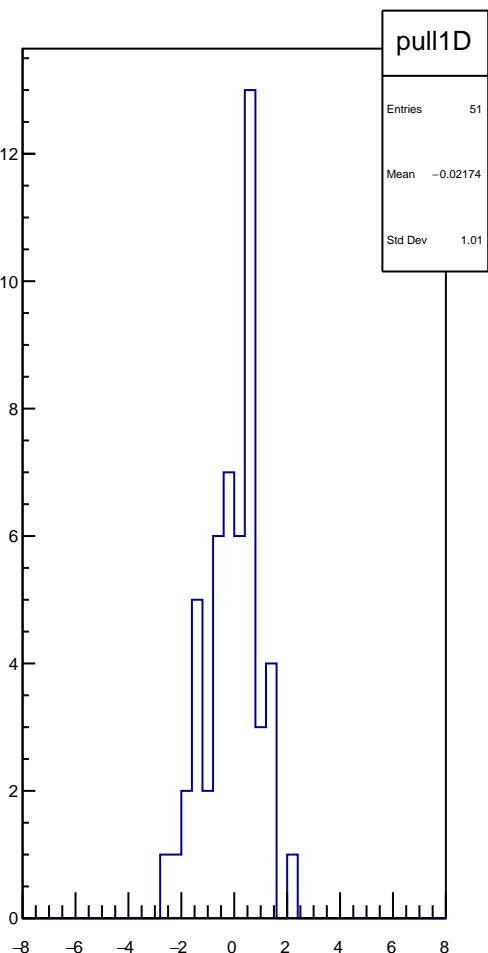
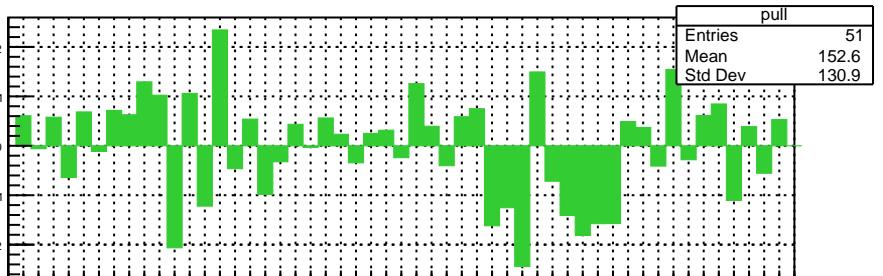
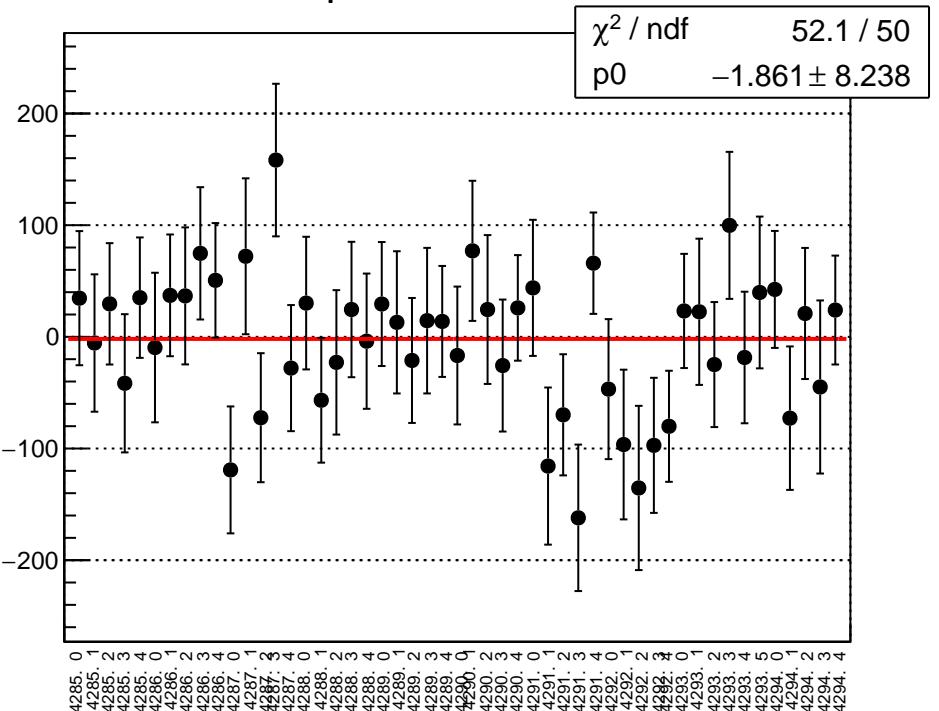
diff_bpm4eX_mean vs run



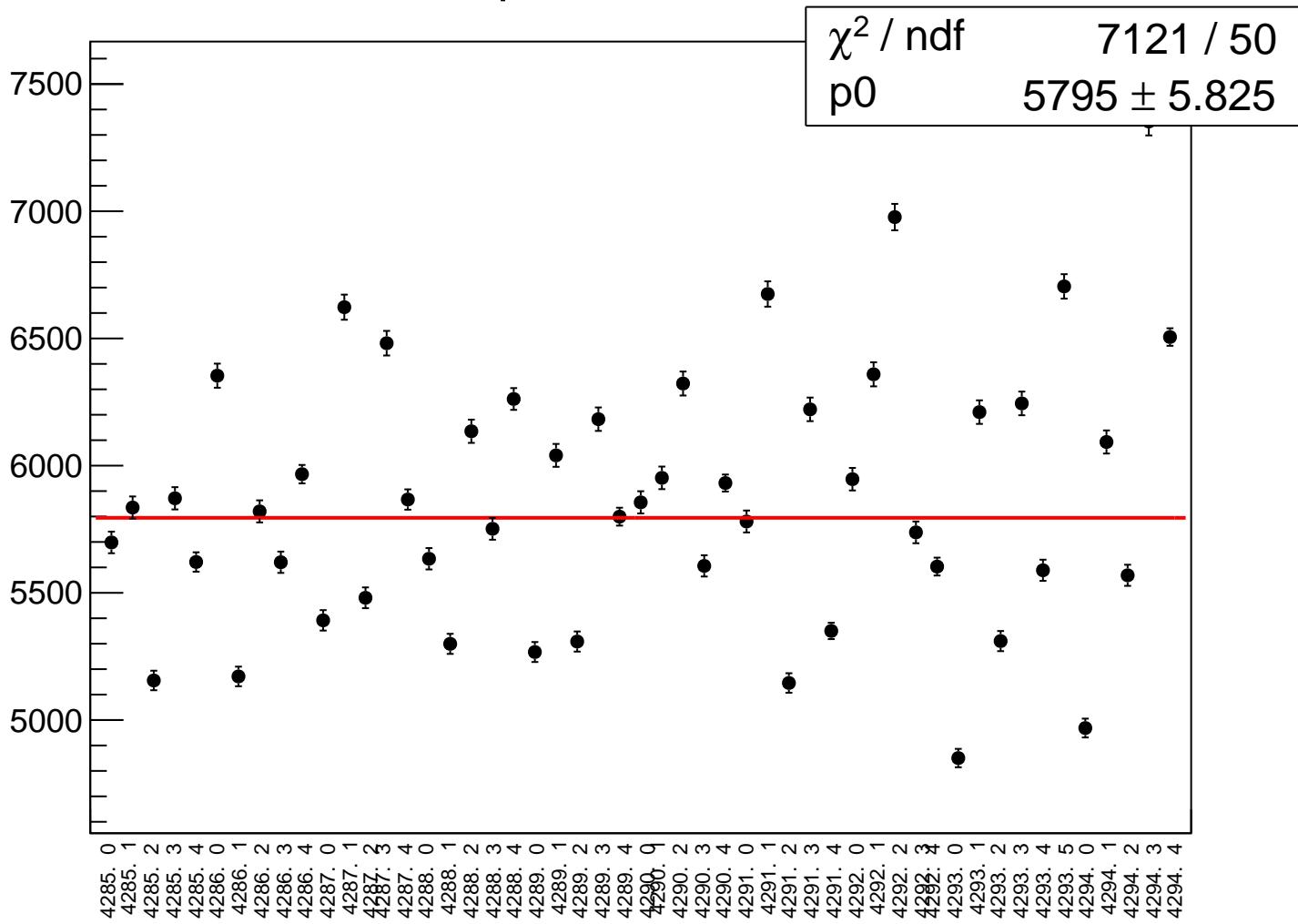
diff_bpm4eX_rms vs run



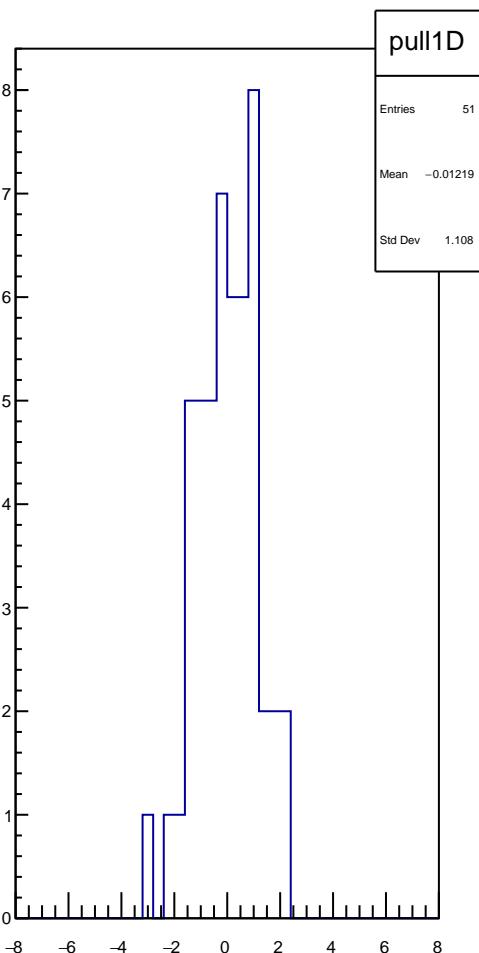
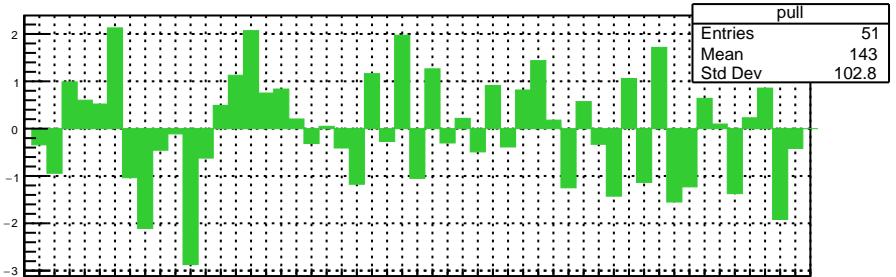
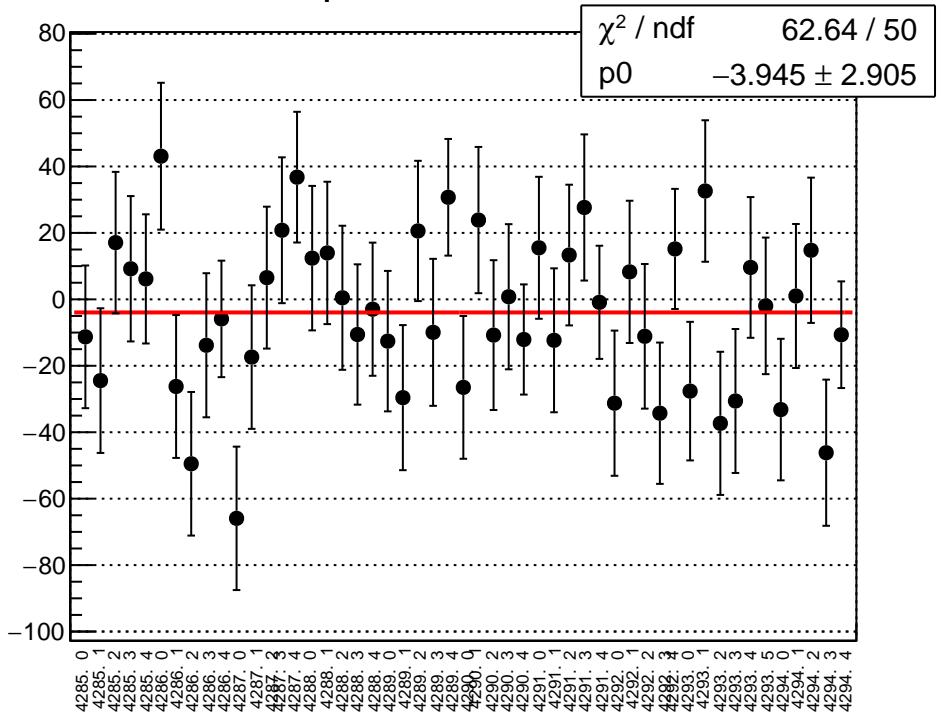
diff_bpm4eY_mean vs run



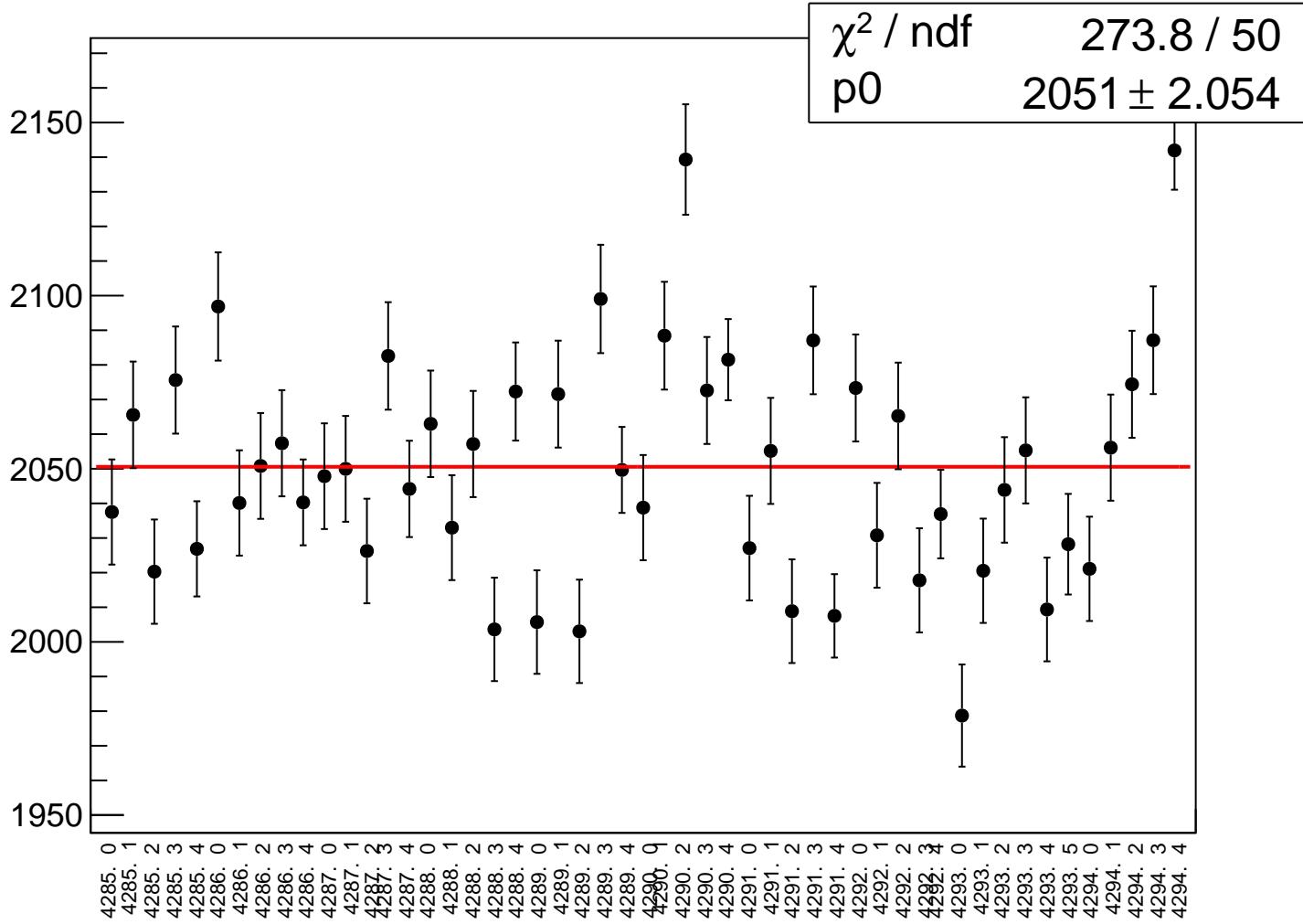
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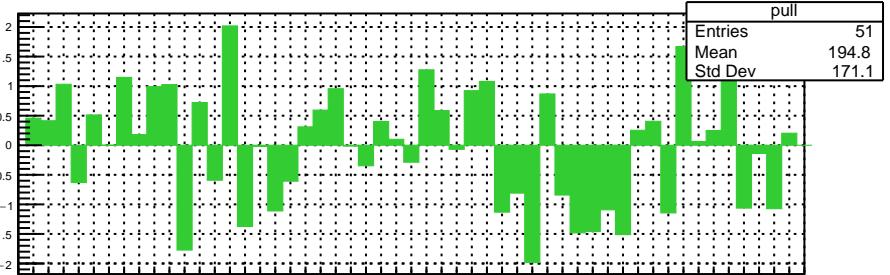
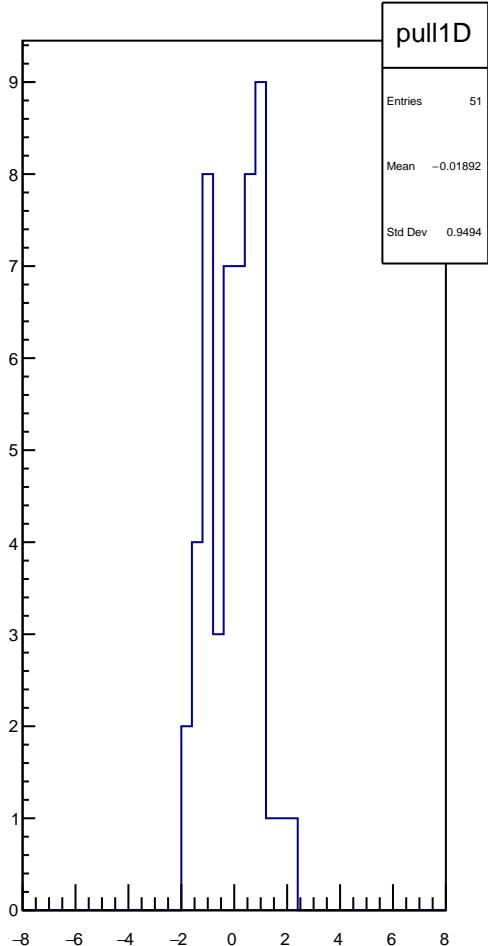
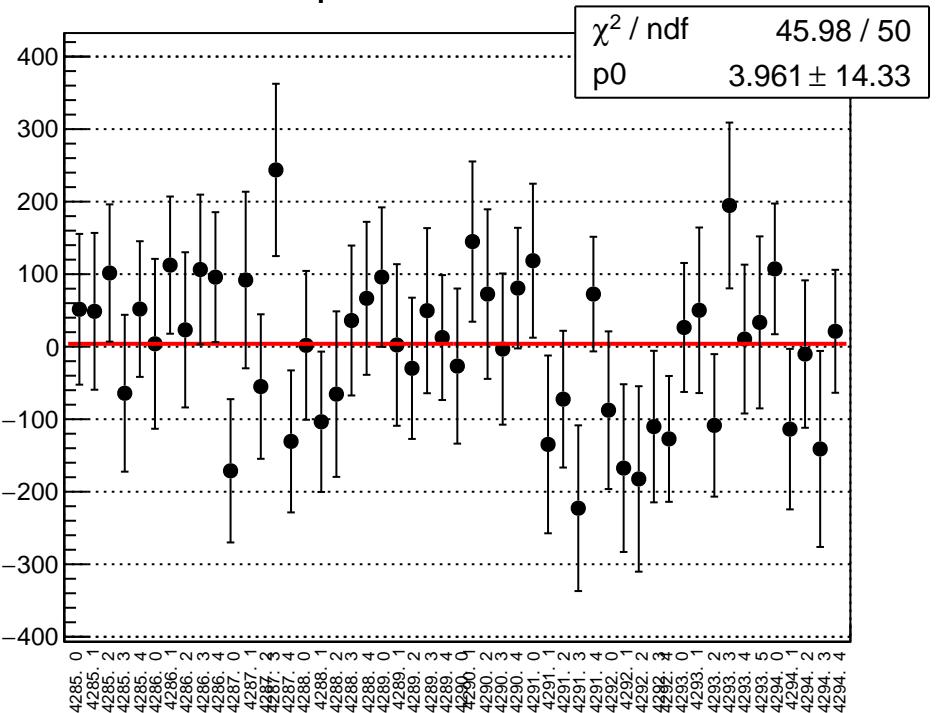
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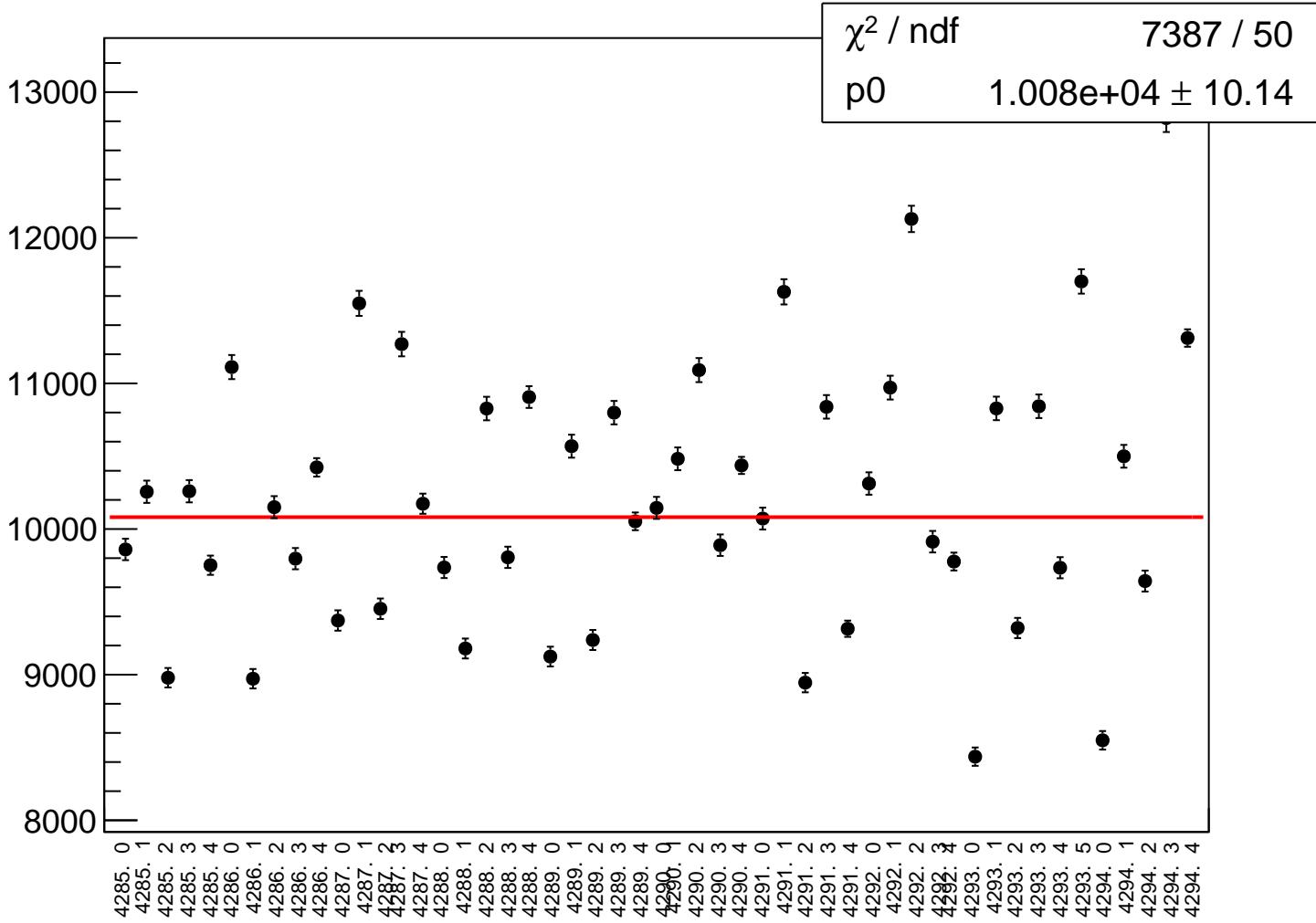
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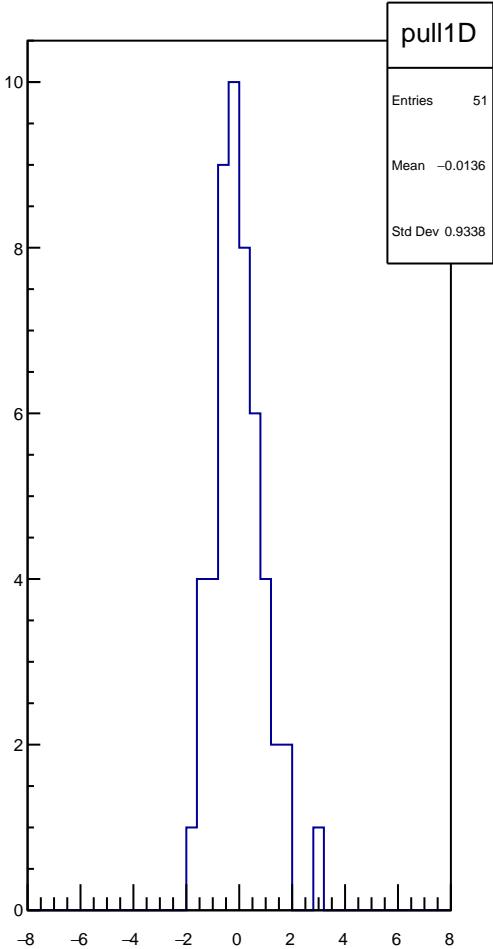
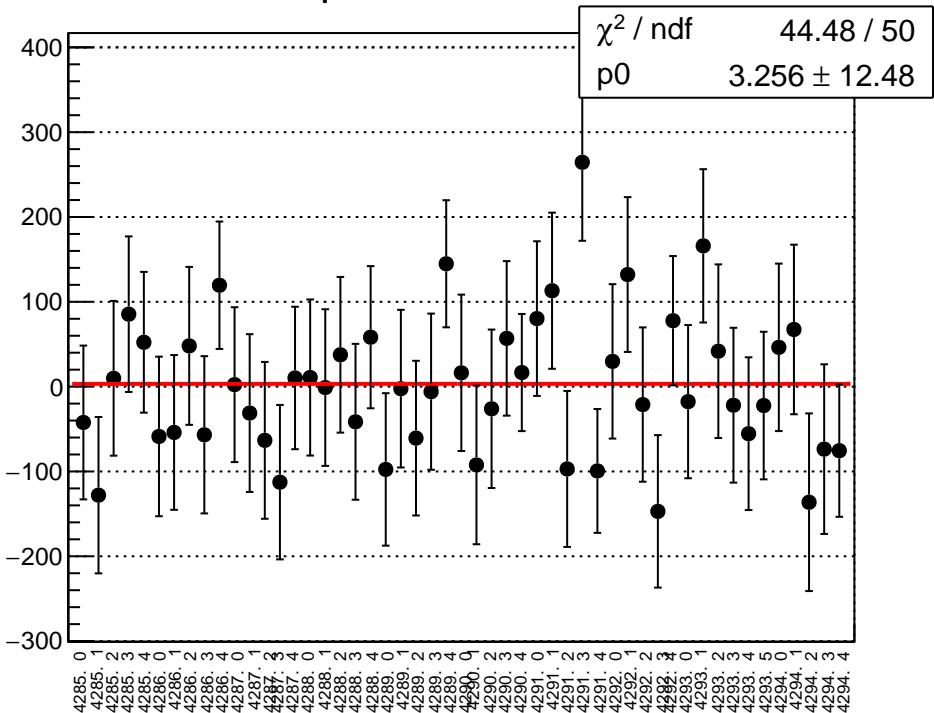
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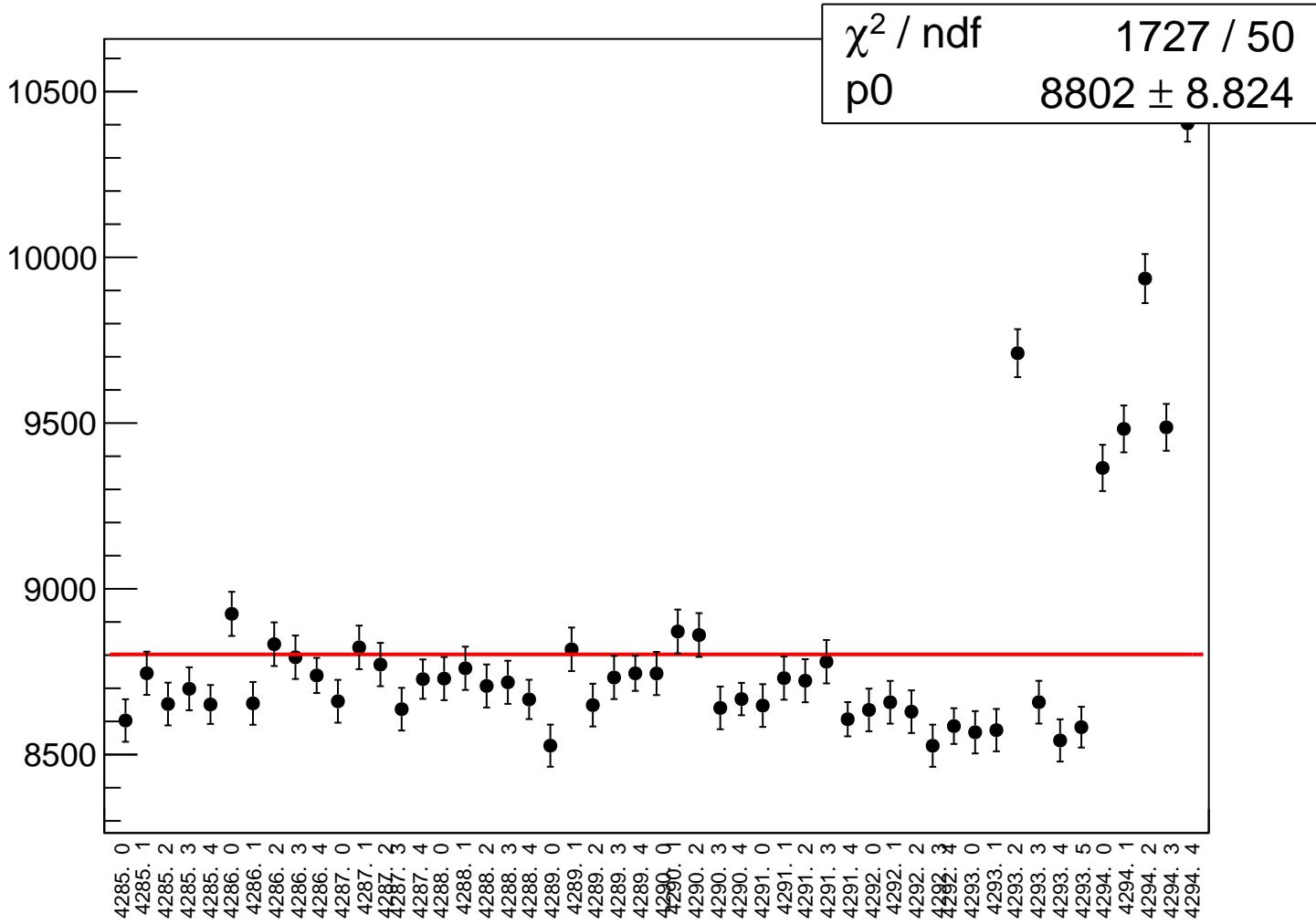
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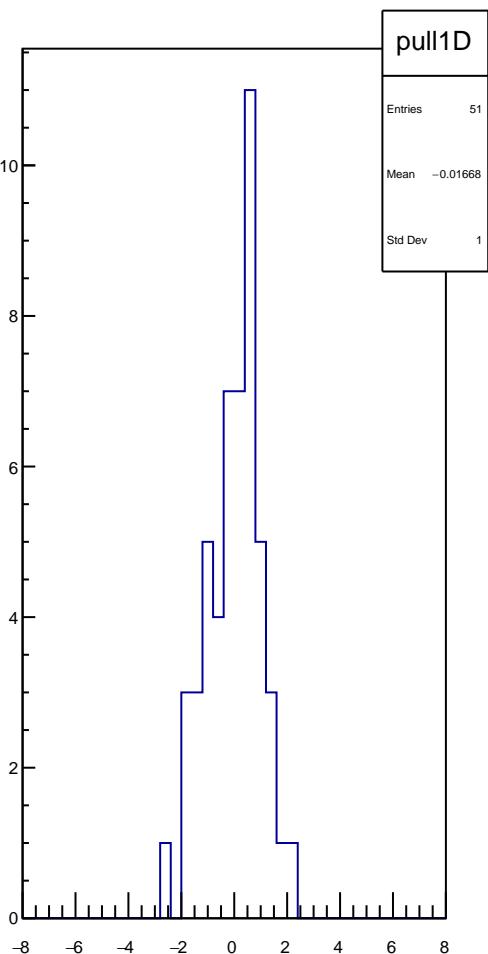
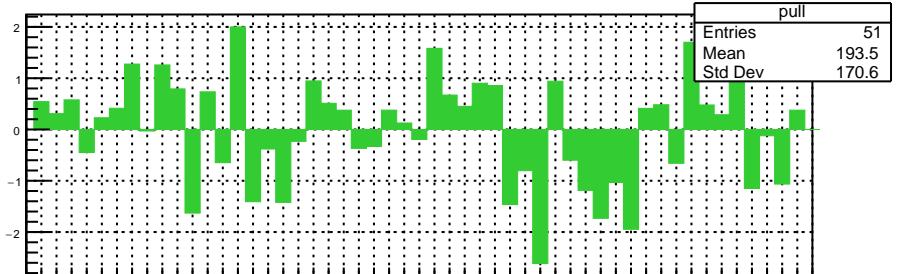
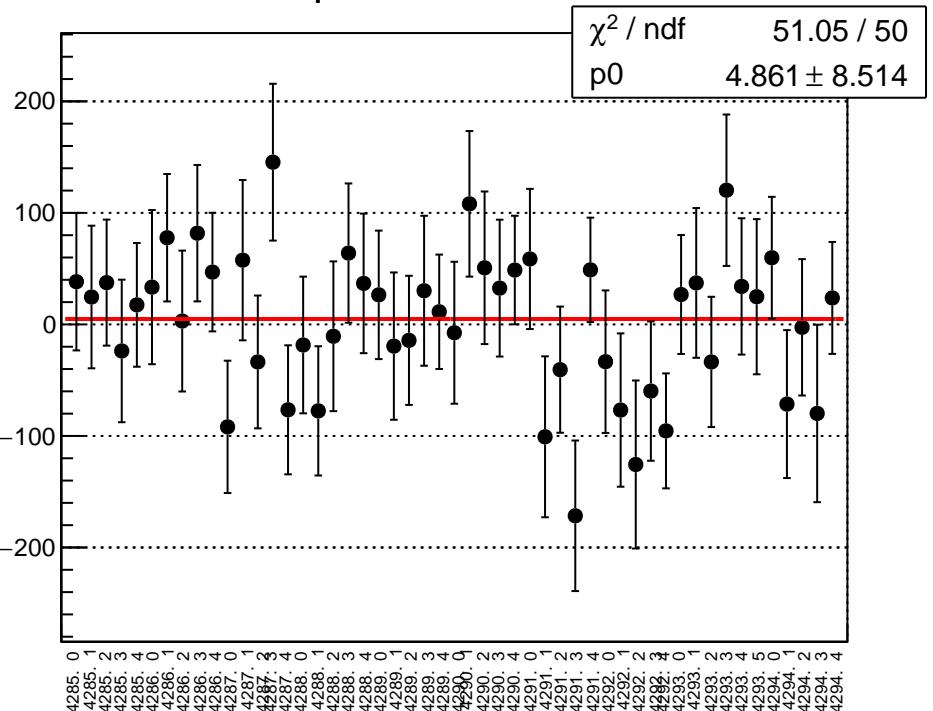
diff_bpm4ecX_mean vs run



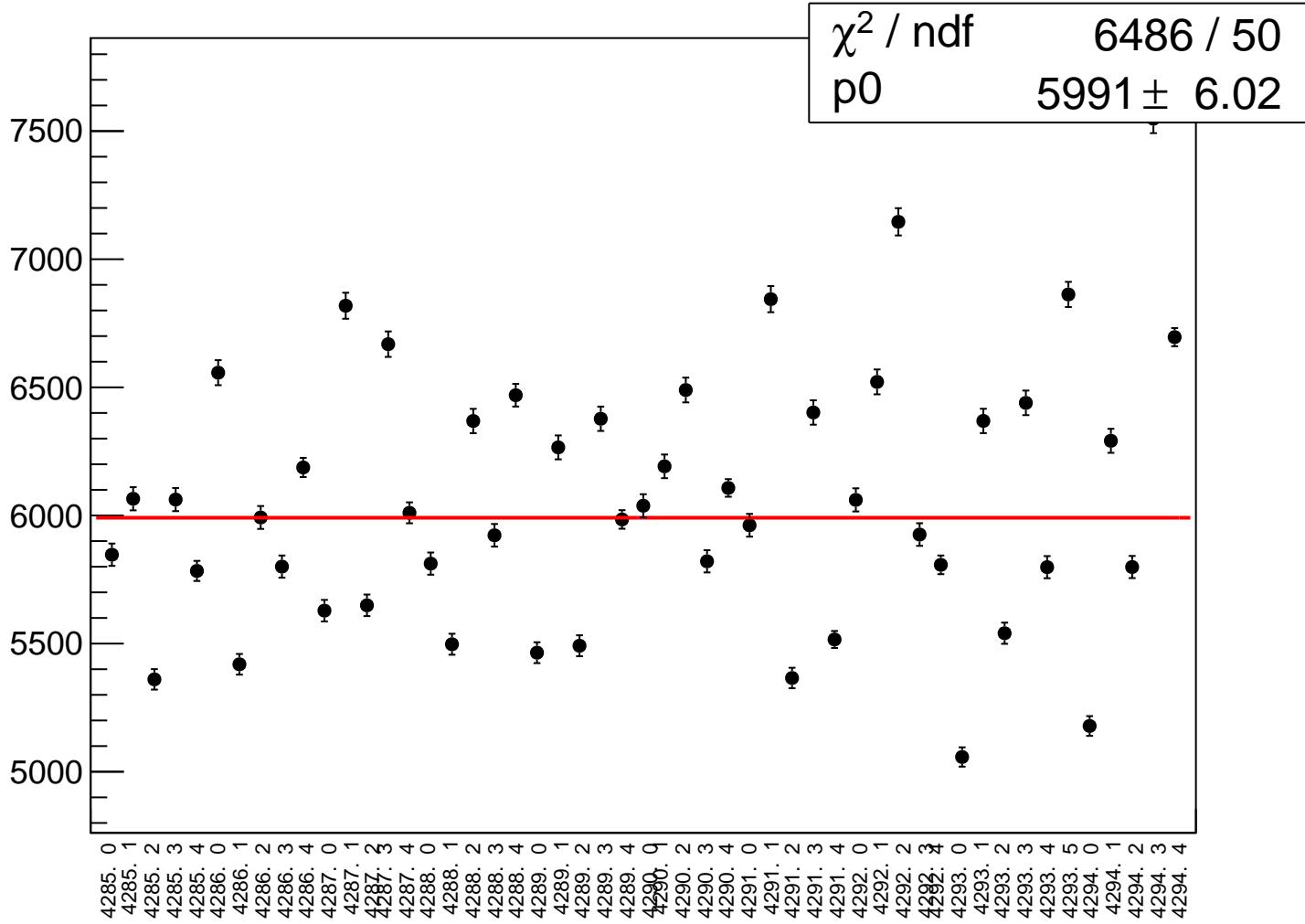
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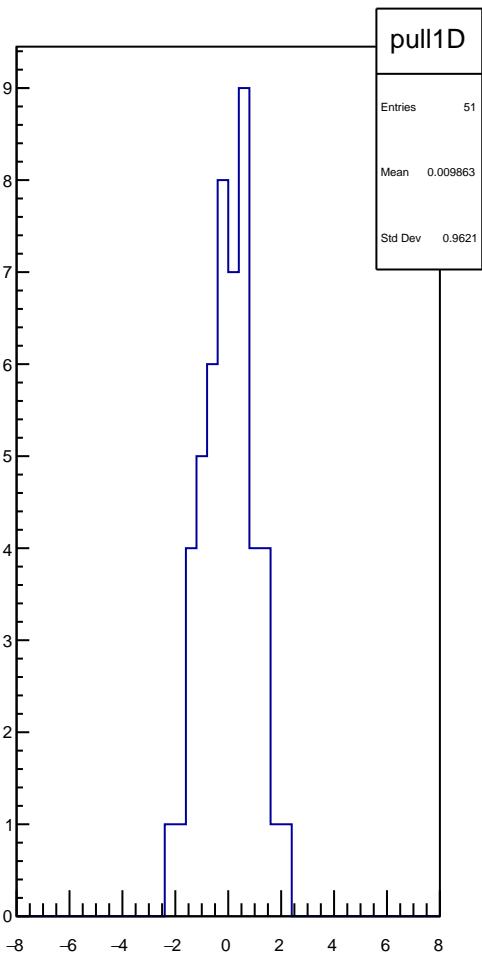
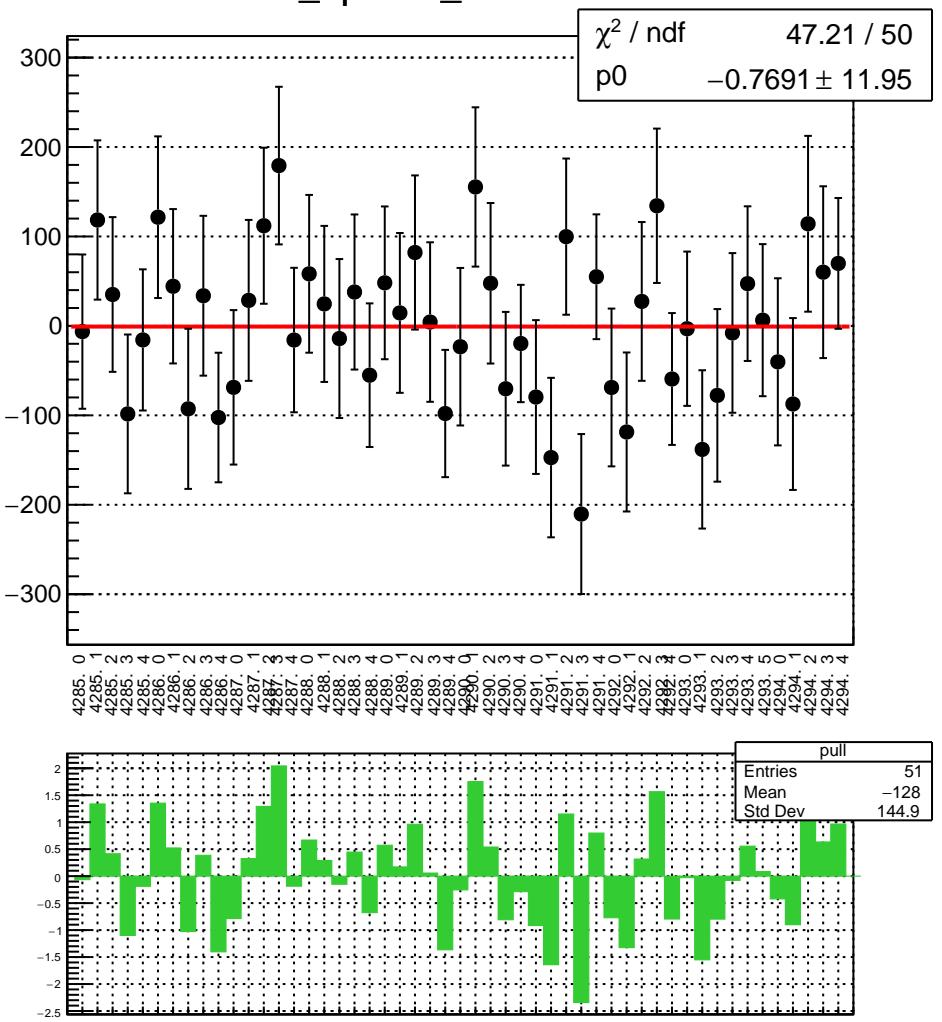
diff_bpm4ecY_mean vs run



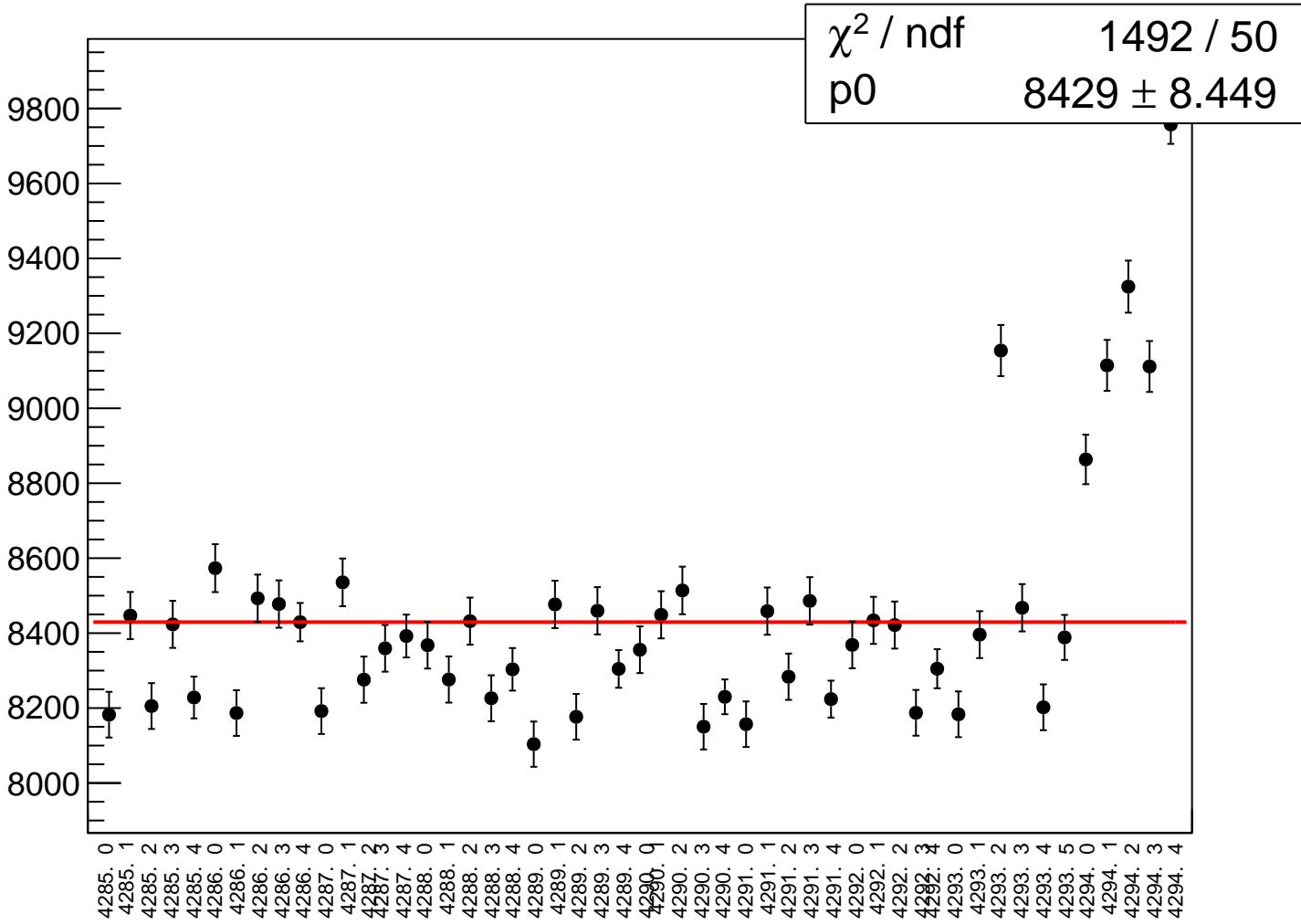
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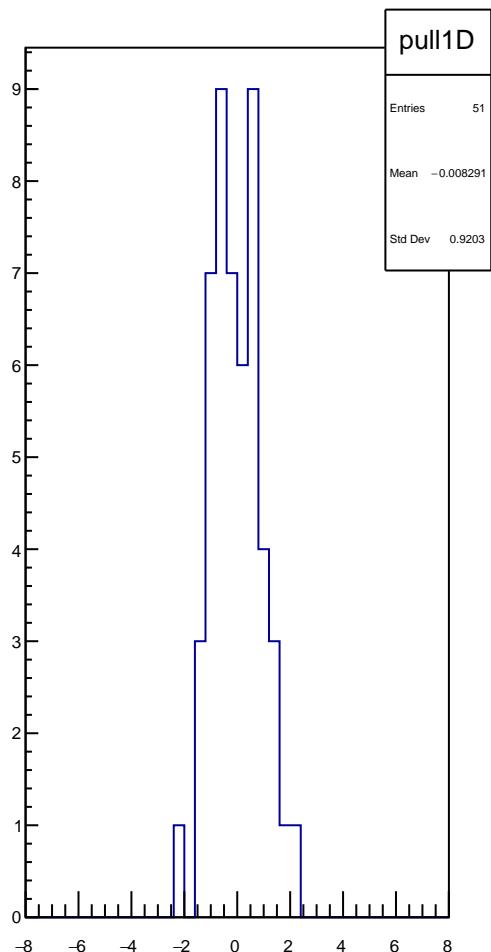
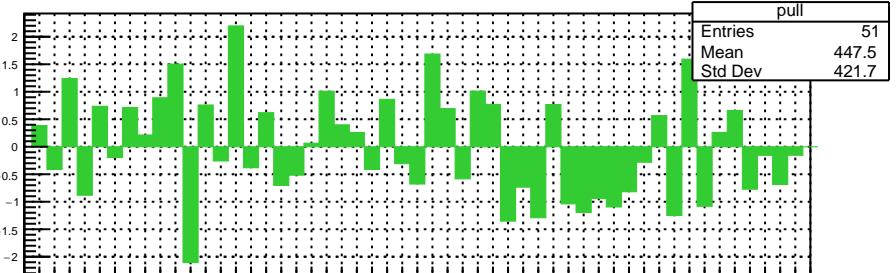
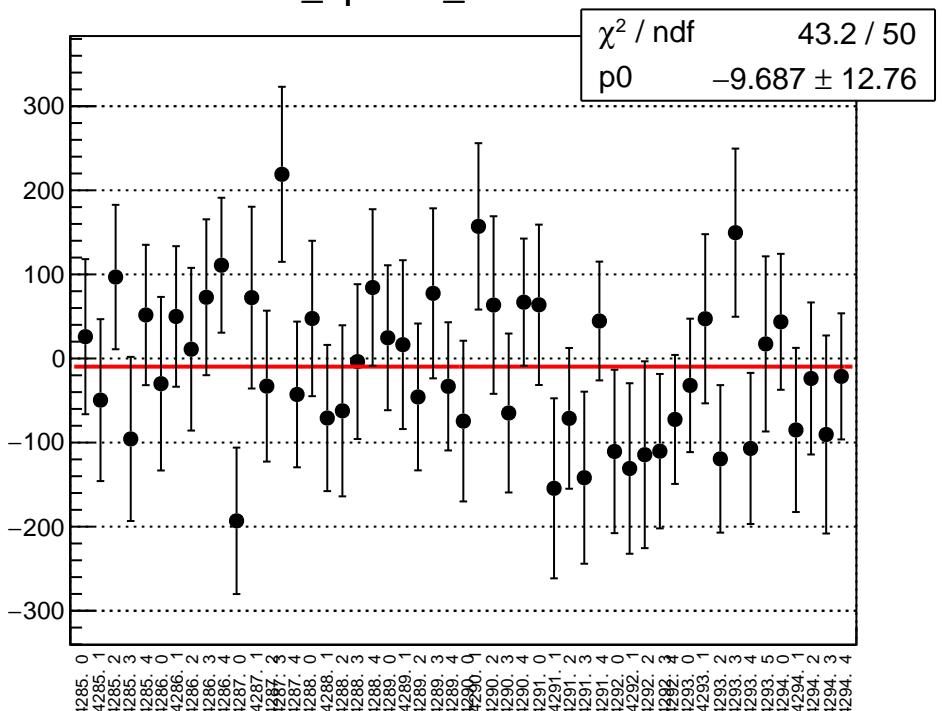
diff_bpm1X_mean vs run



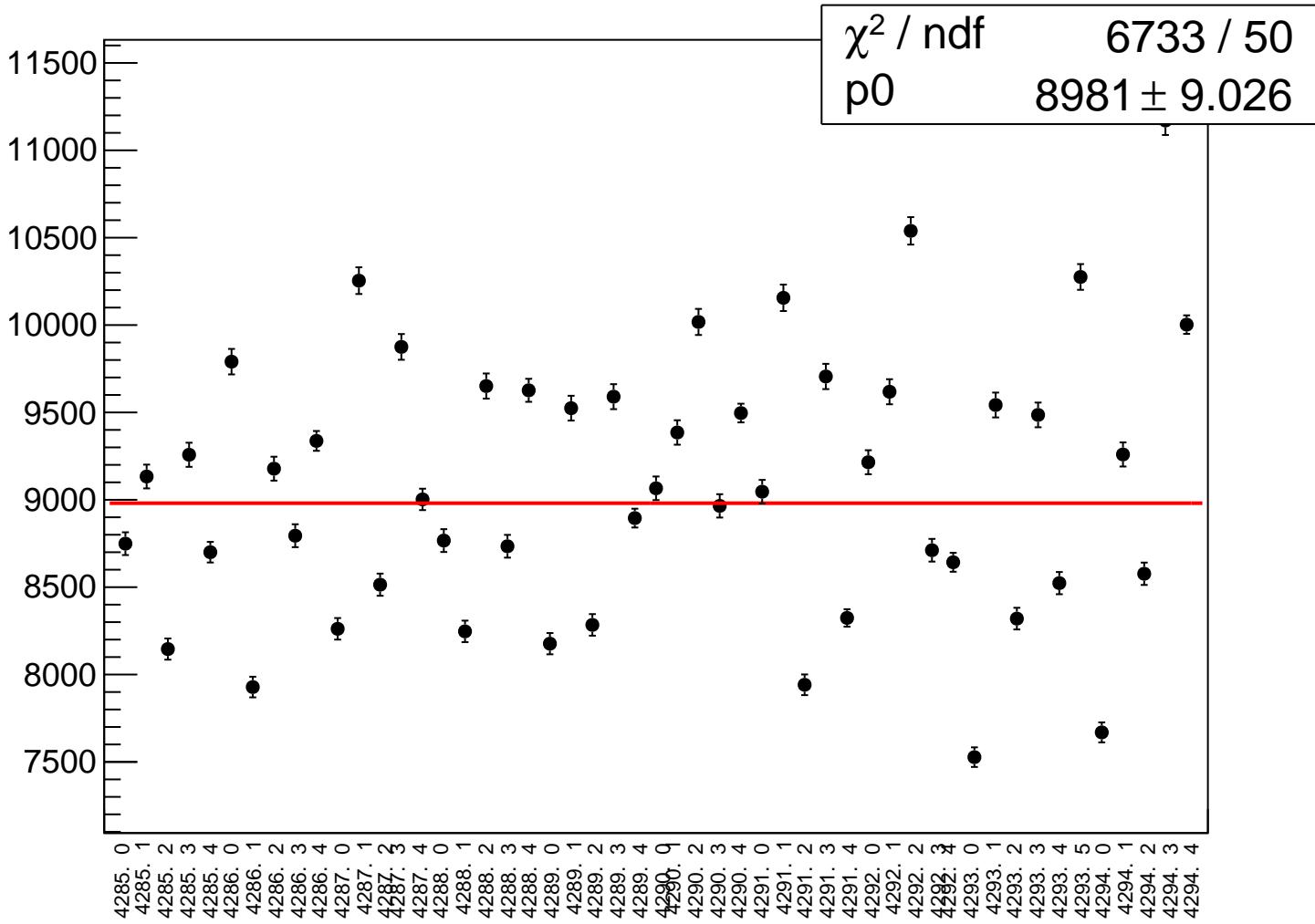
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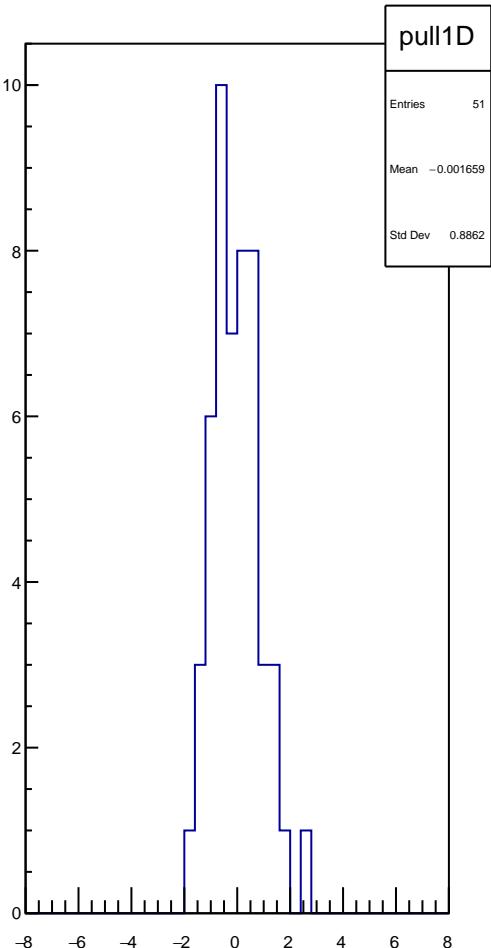
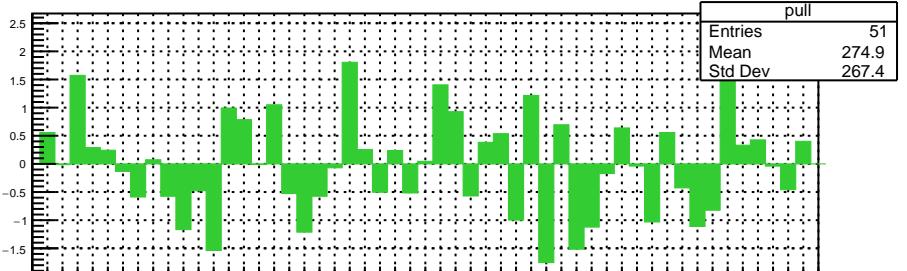
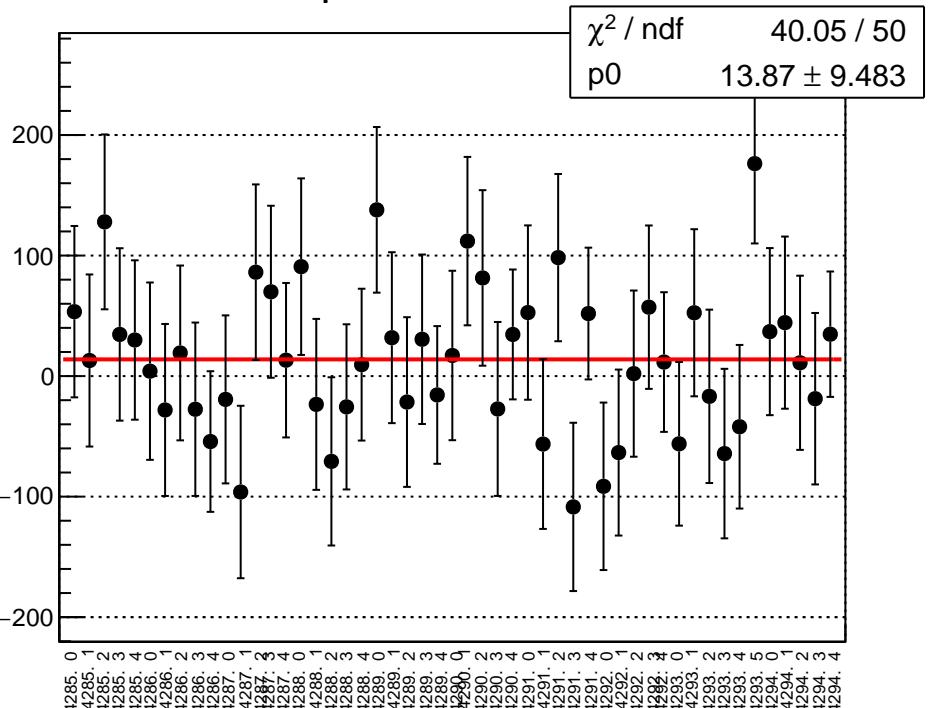
diff_bpm1Y_mean vs run



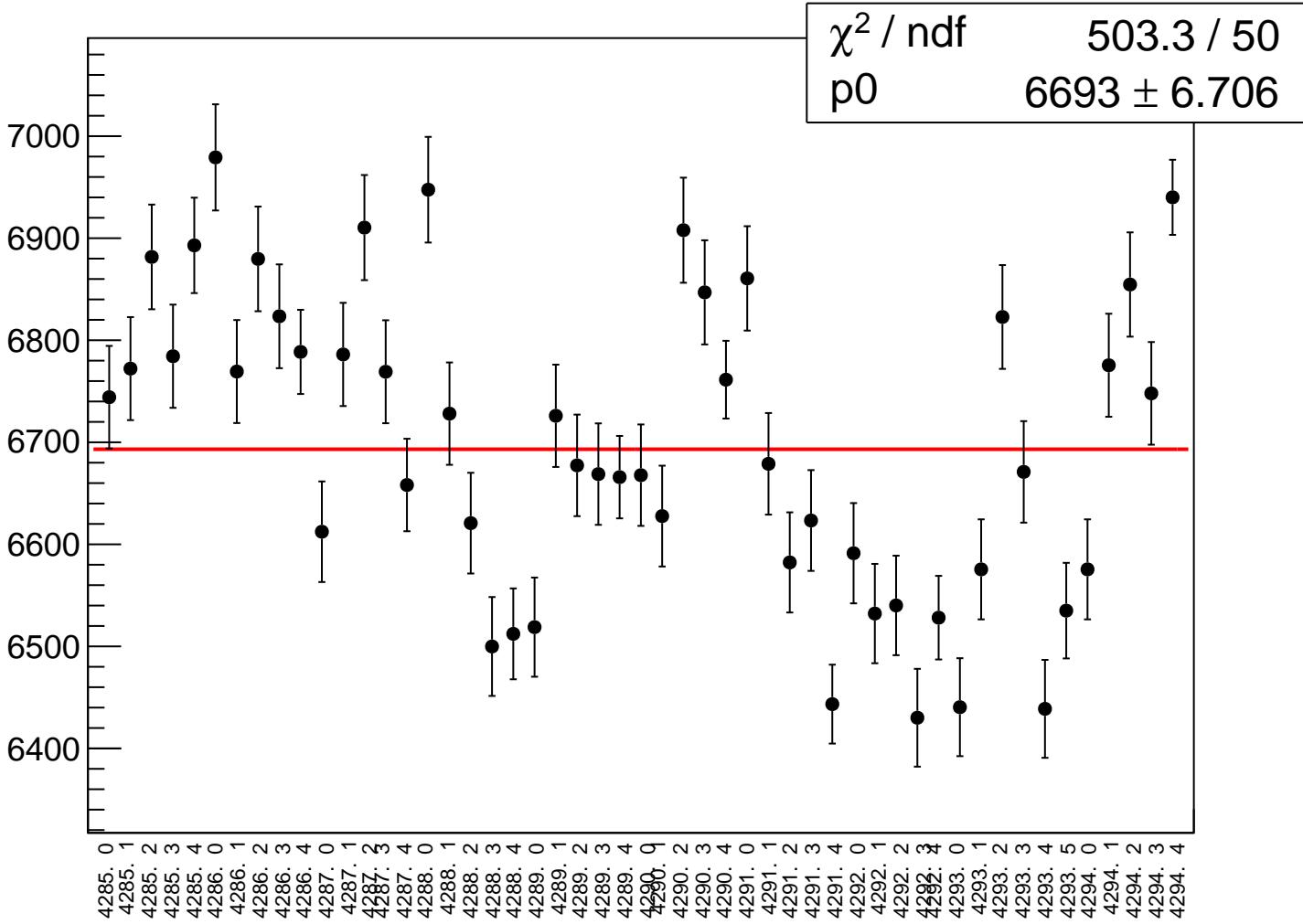
diff_bpm1Y_rms vs run



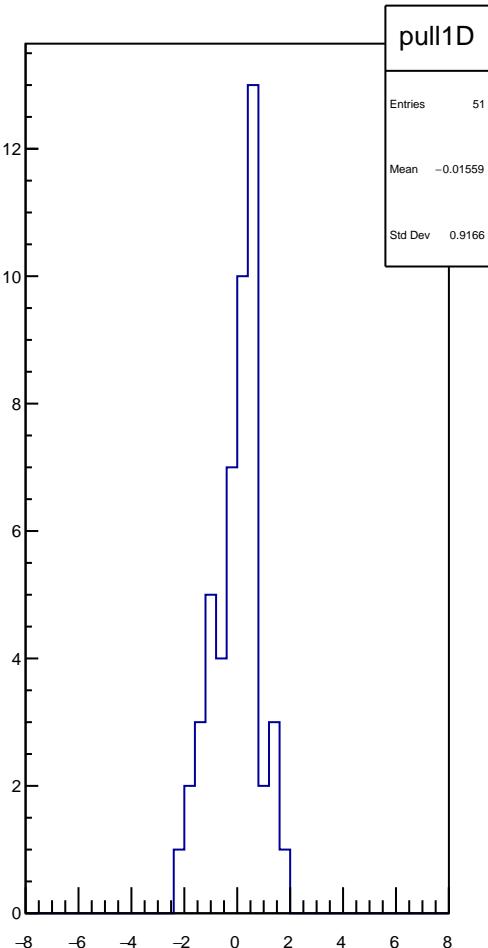
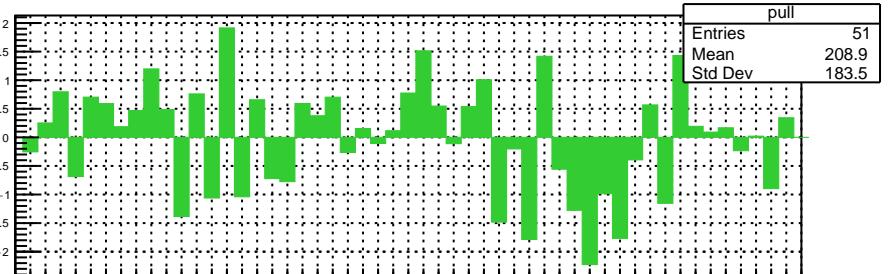
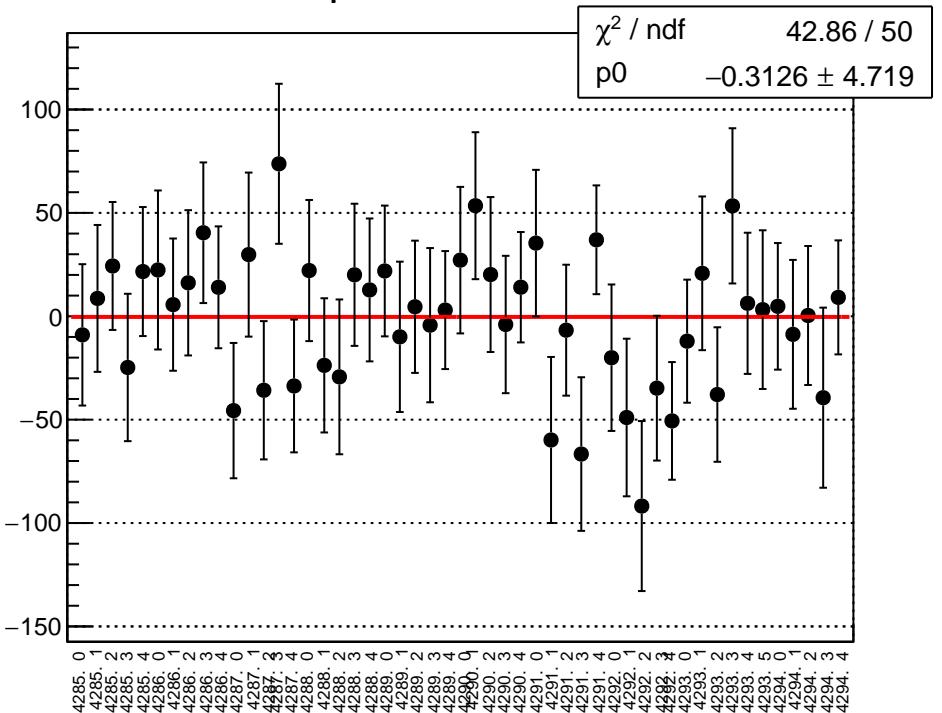
diff_bpm11X_mean vs run



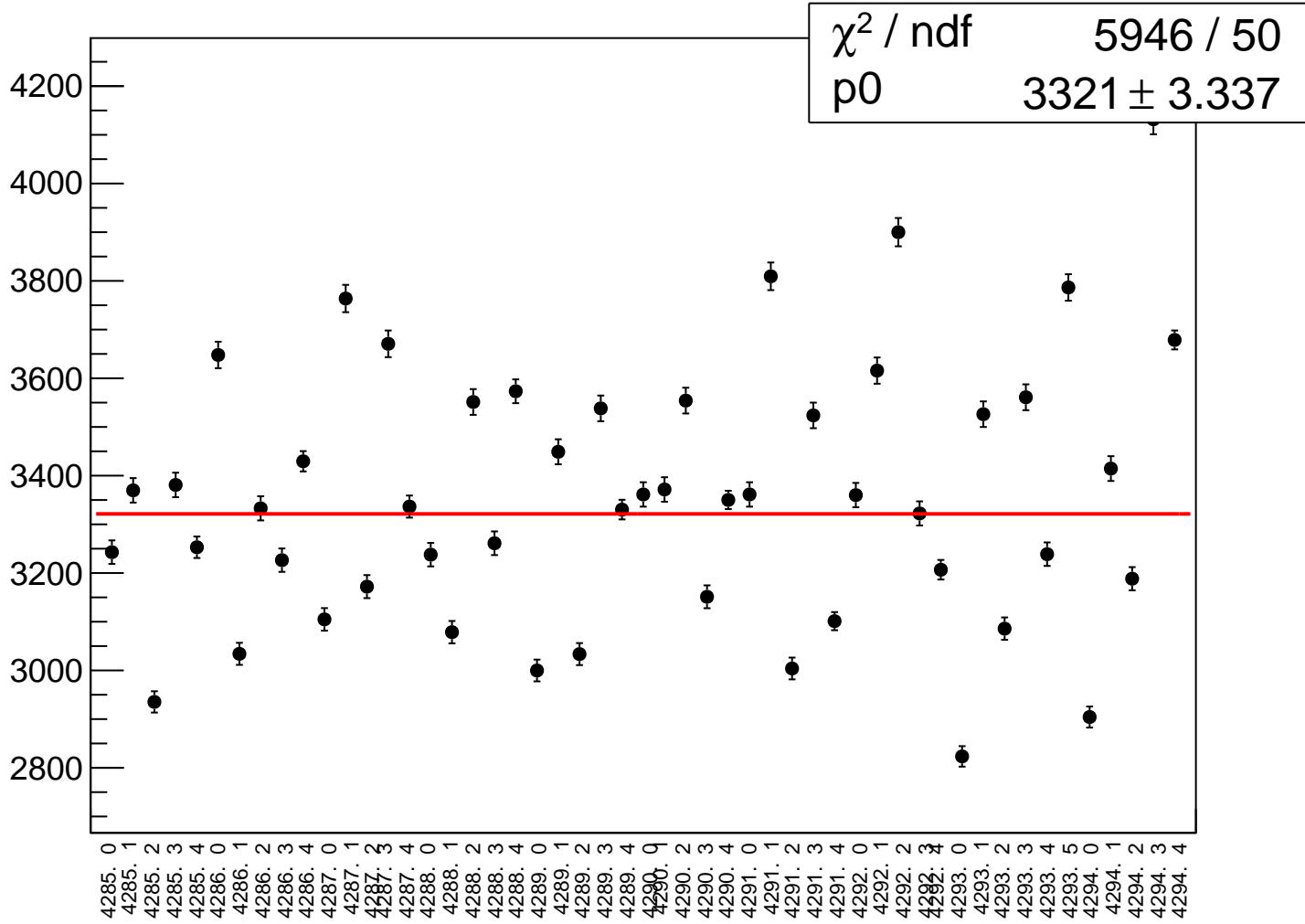
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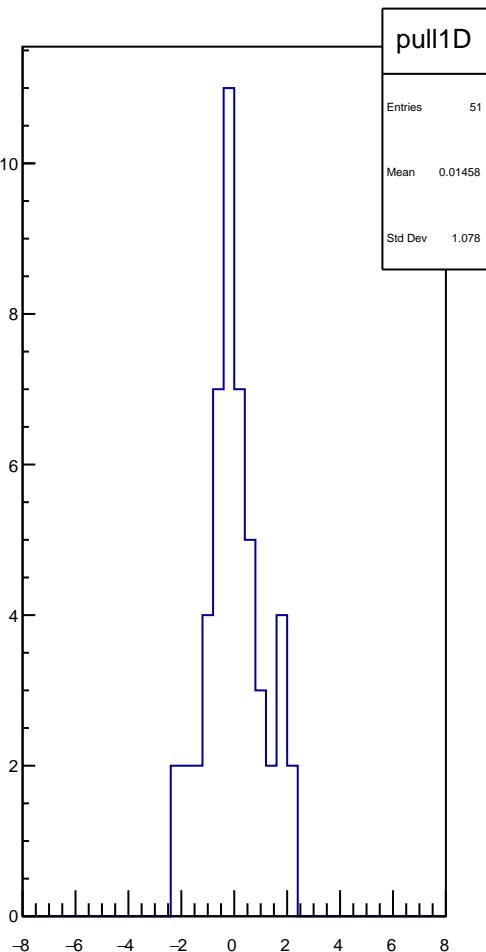
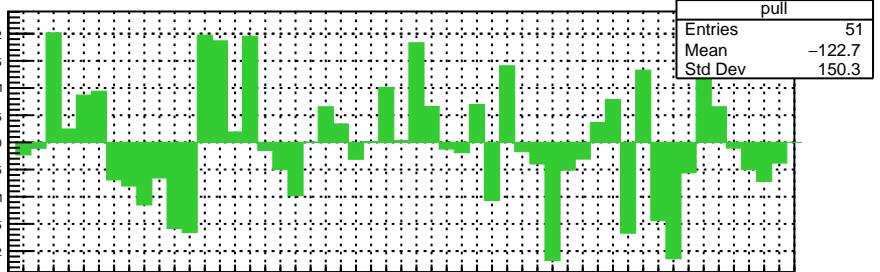
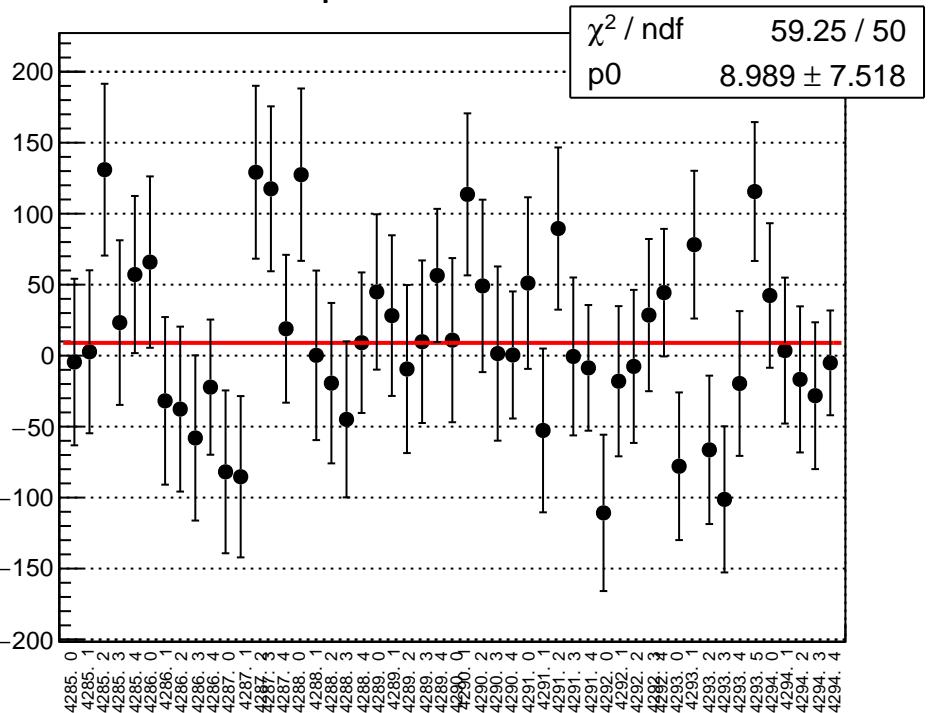
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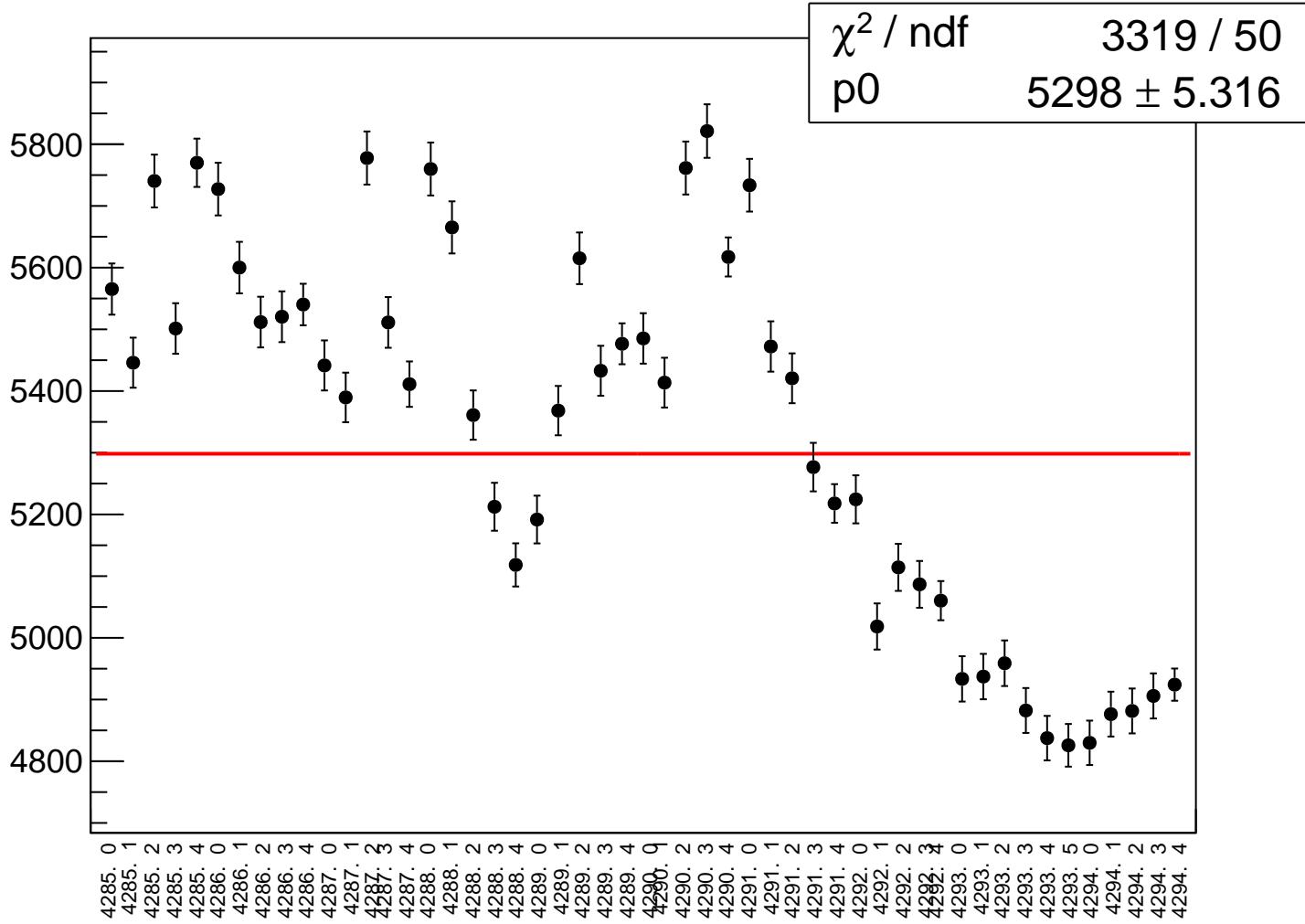
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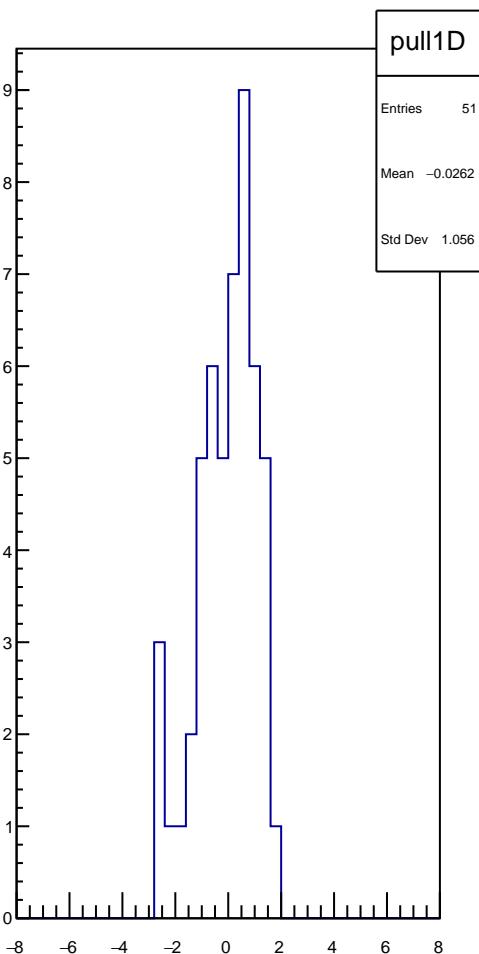
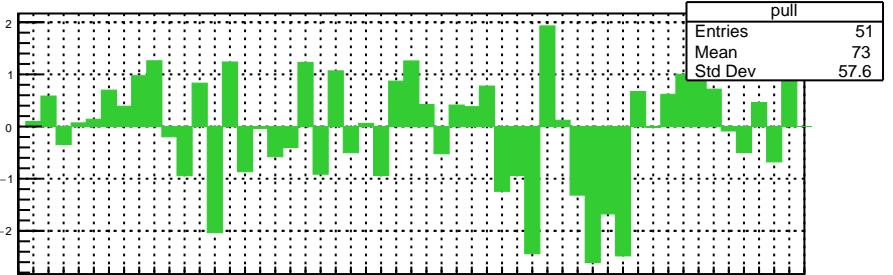
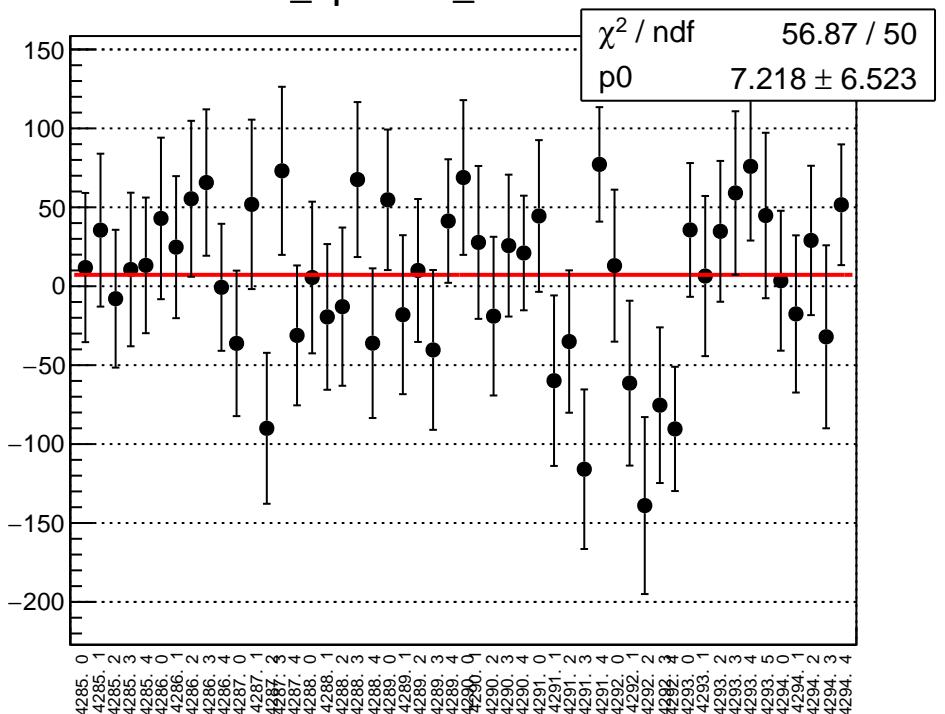
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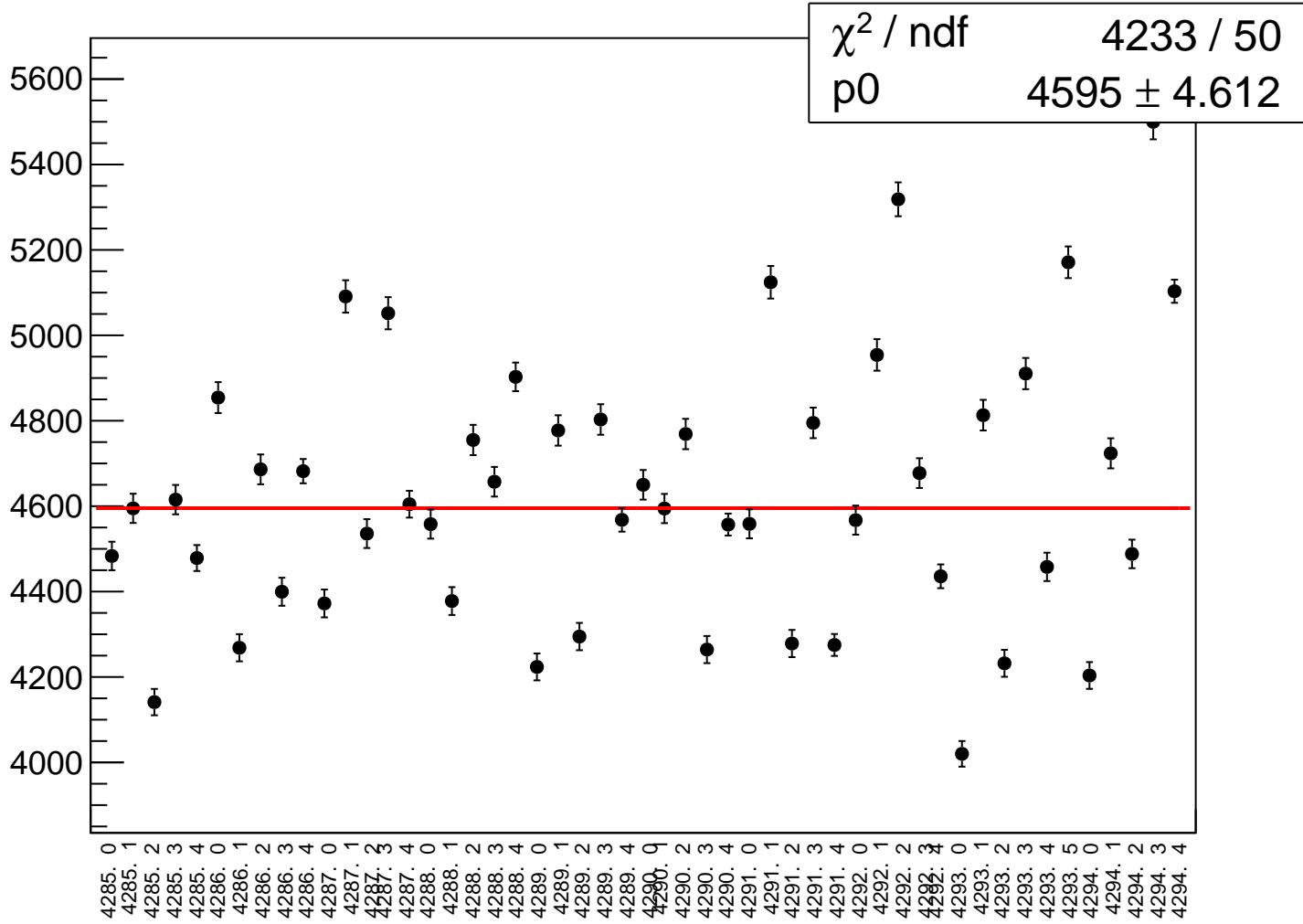
diff_bpm12X_rms vs run



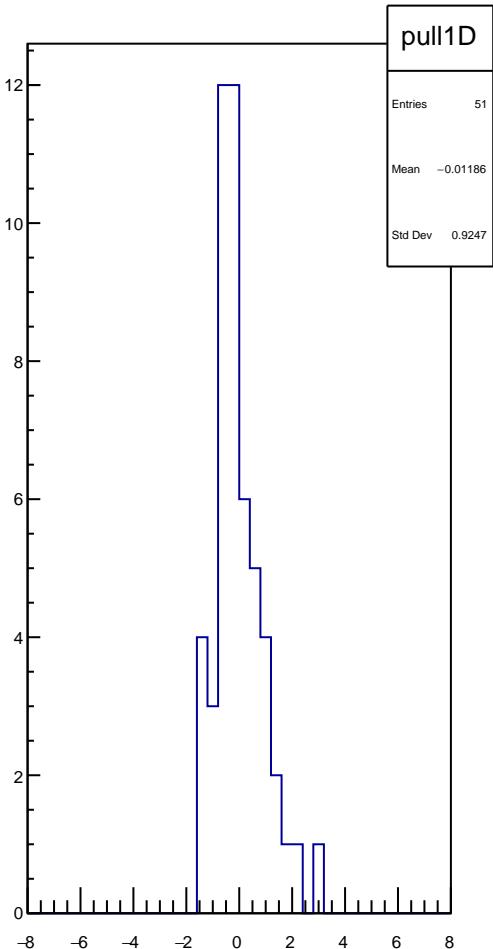
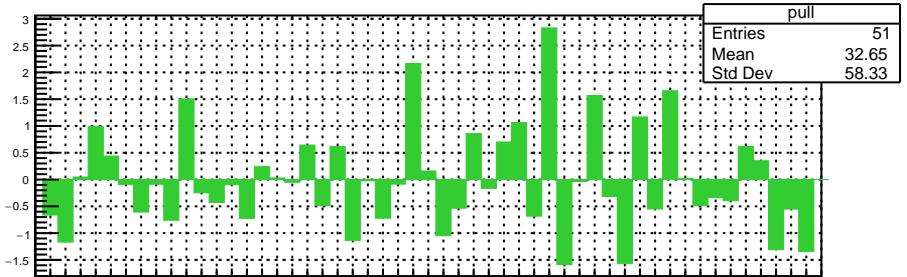
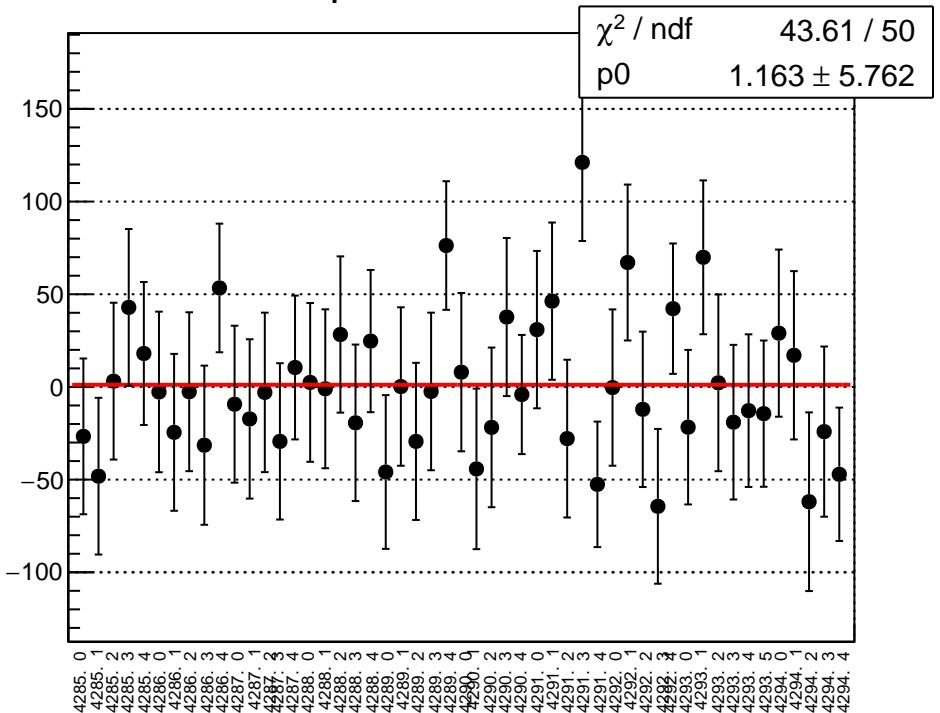
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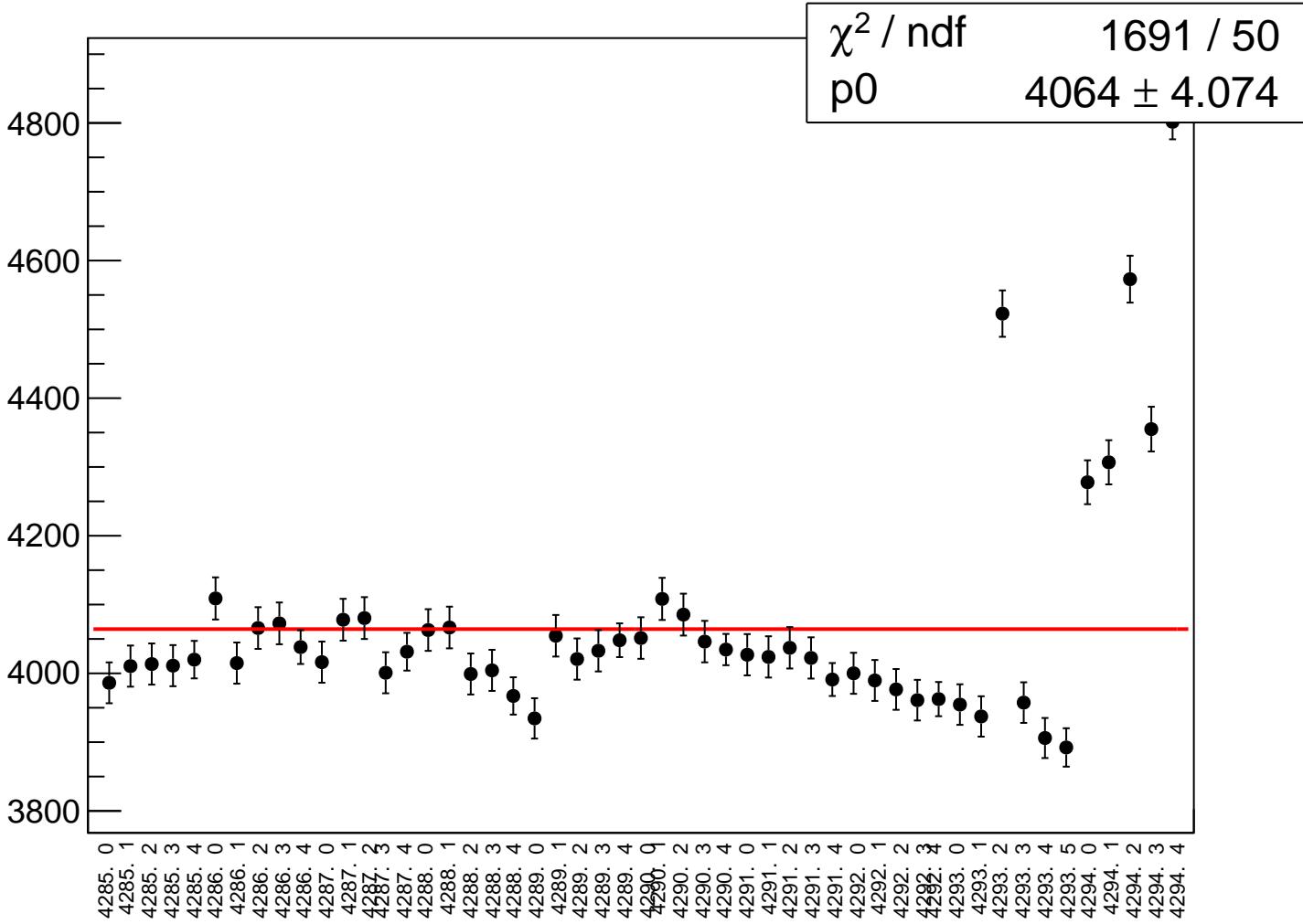
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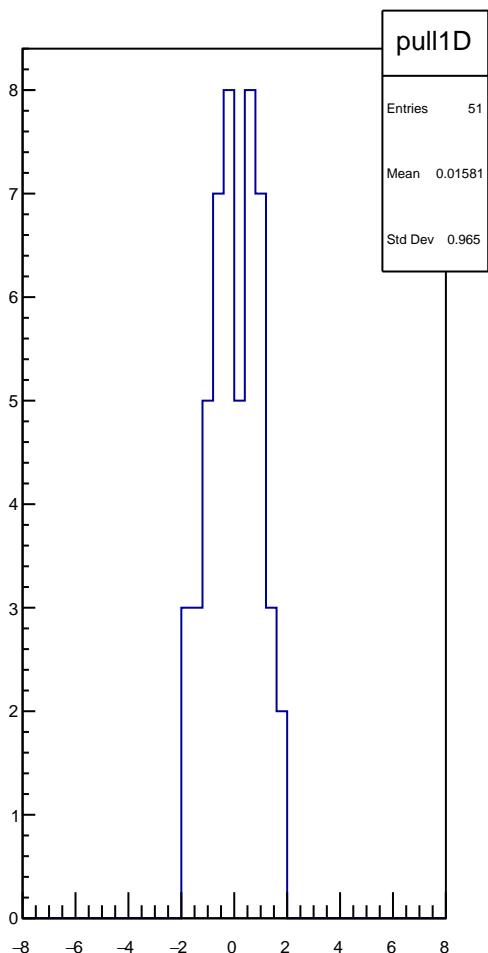
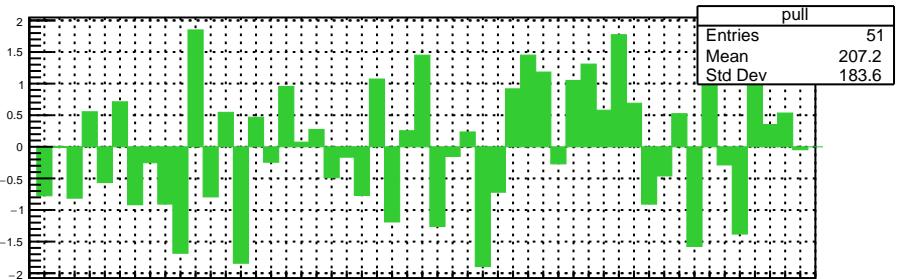
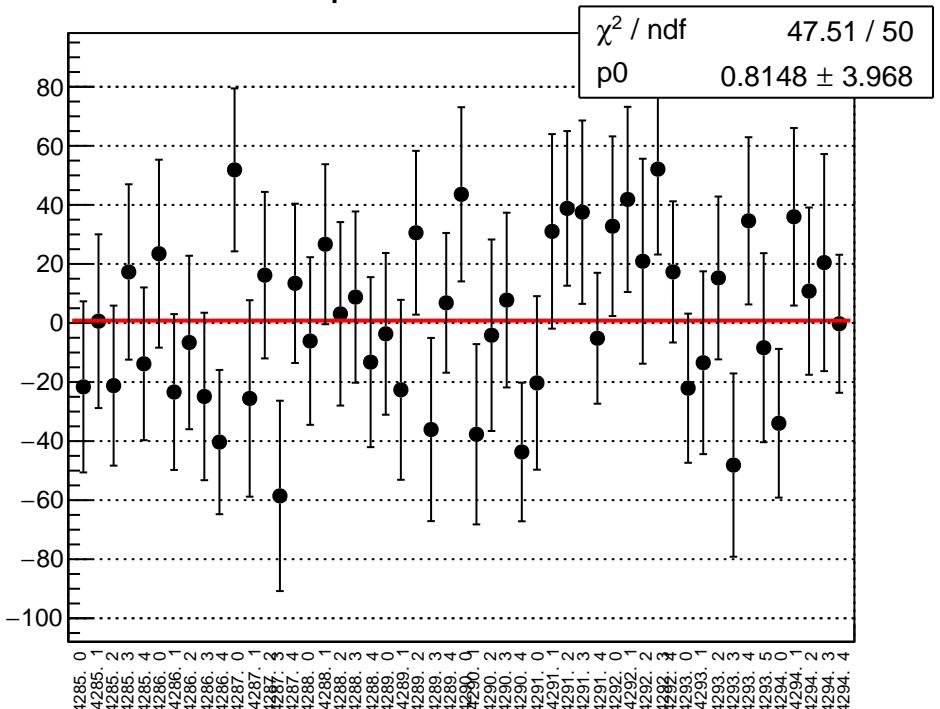
diff_bpm16X_mean vs run



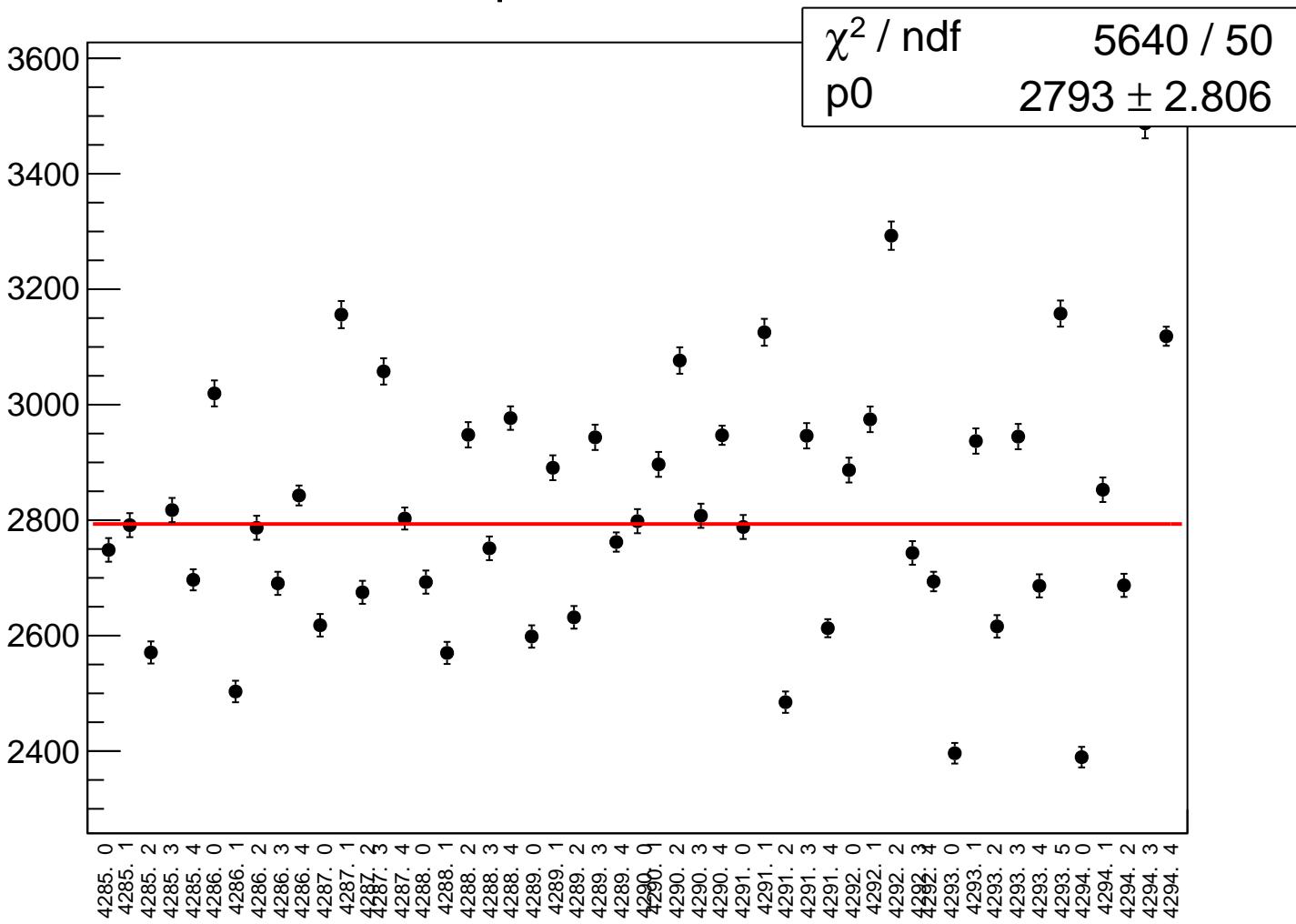
diff_bpm16X_rms vs run



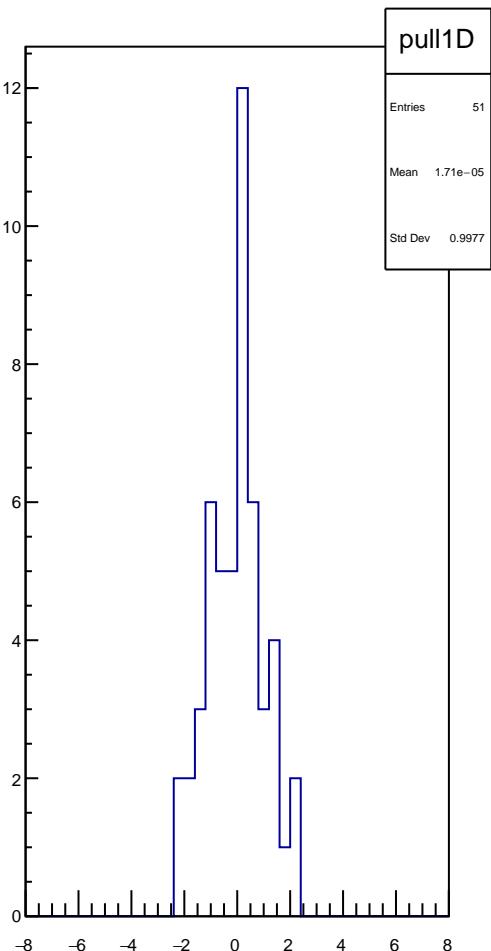
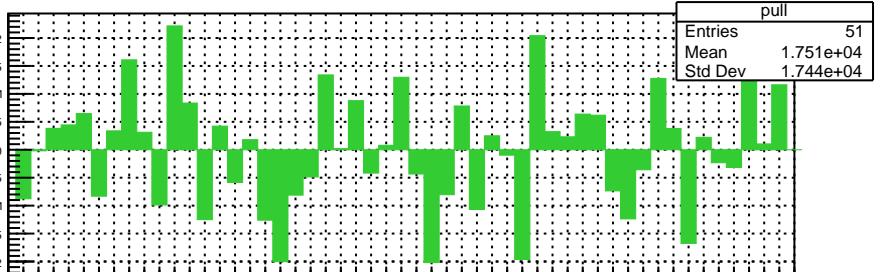
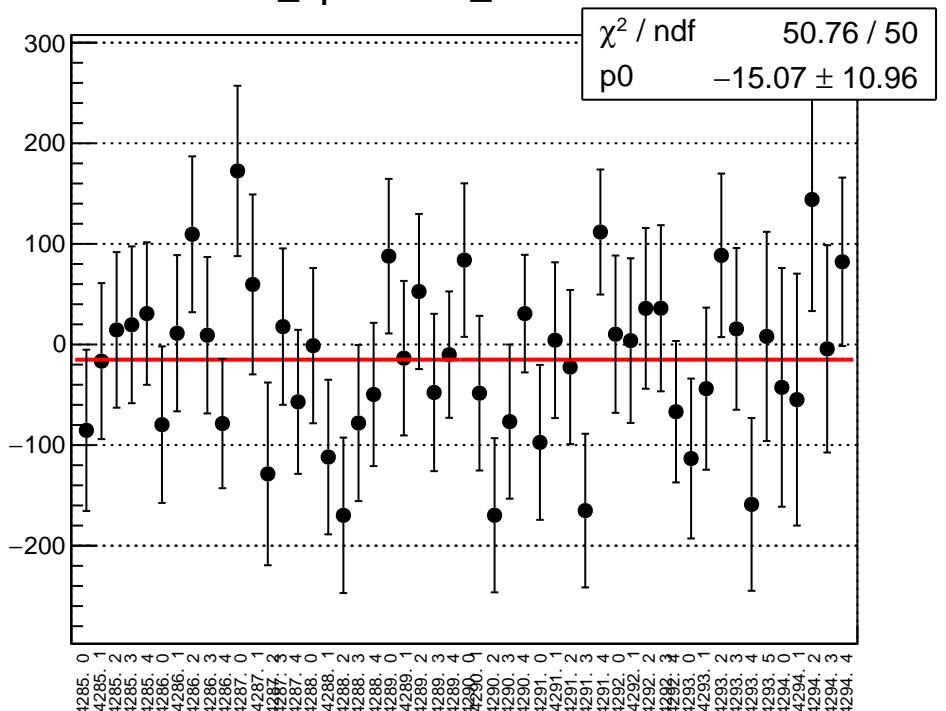
diff_bpm16Y_mean vs run



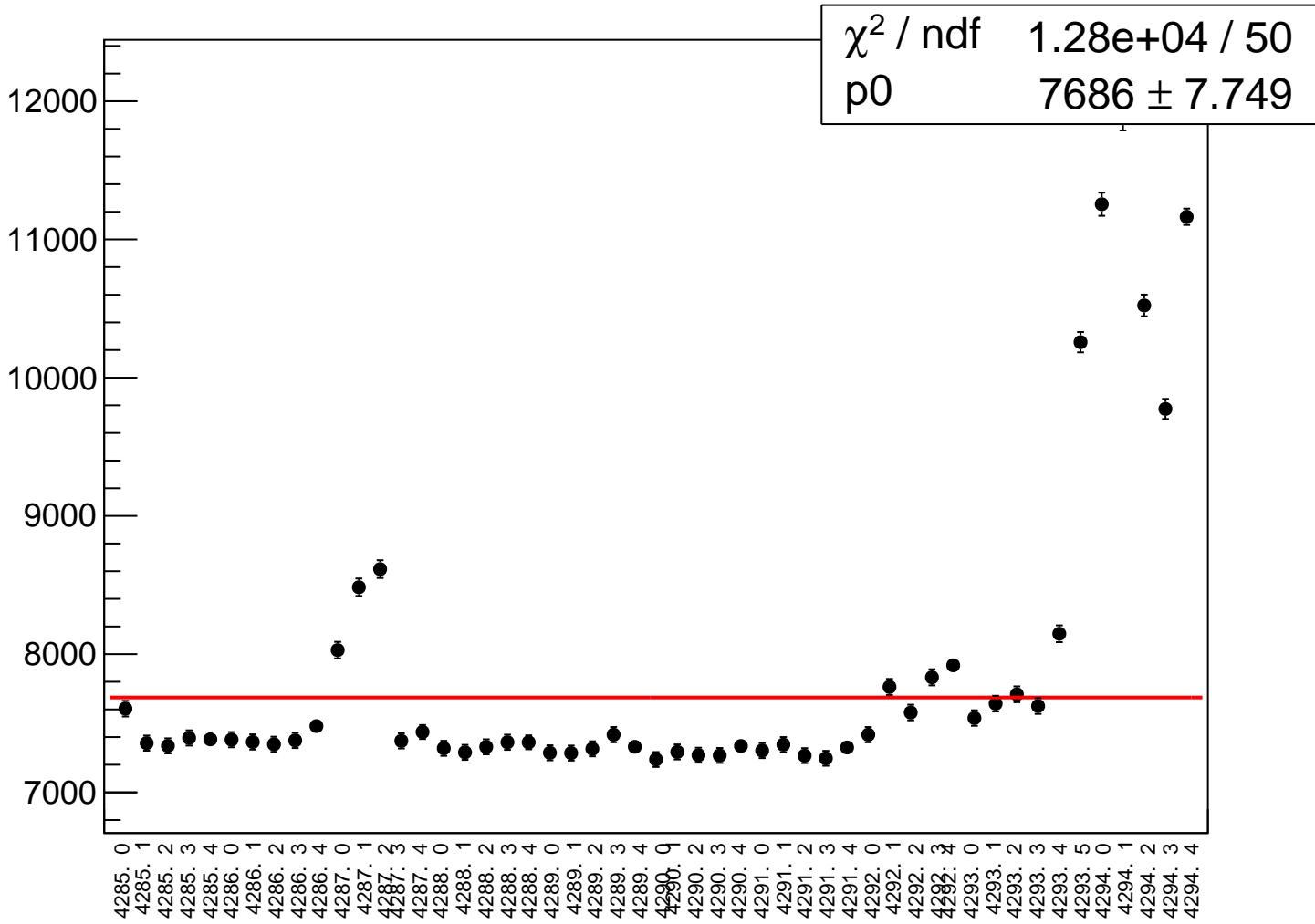
diff_bpm16Y_rms vs run



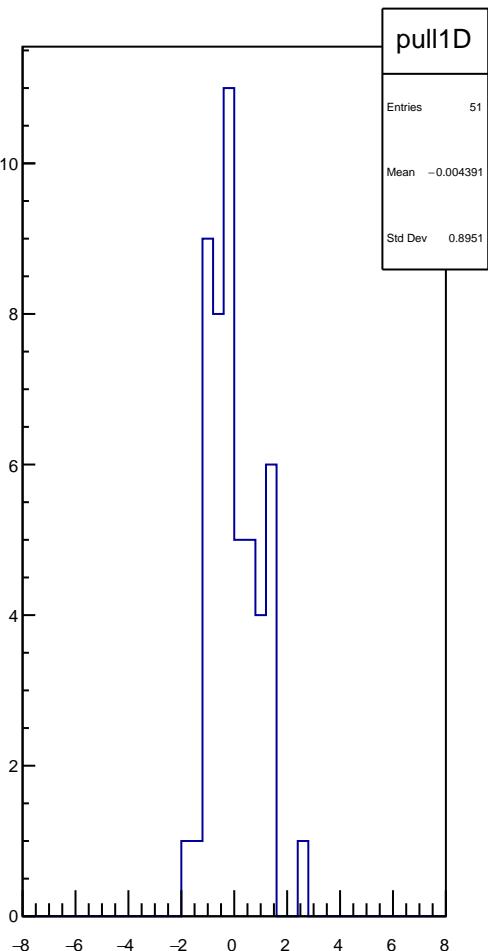
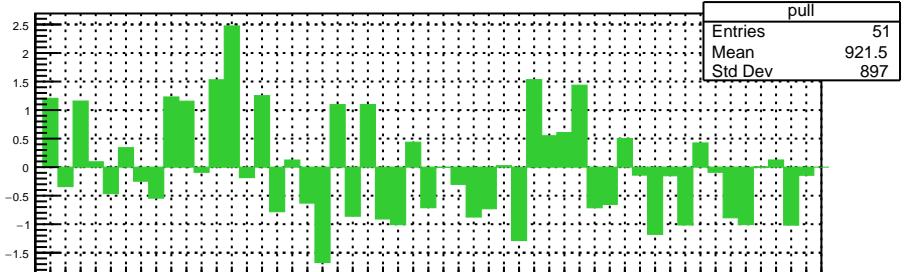
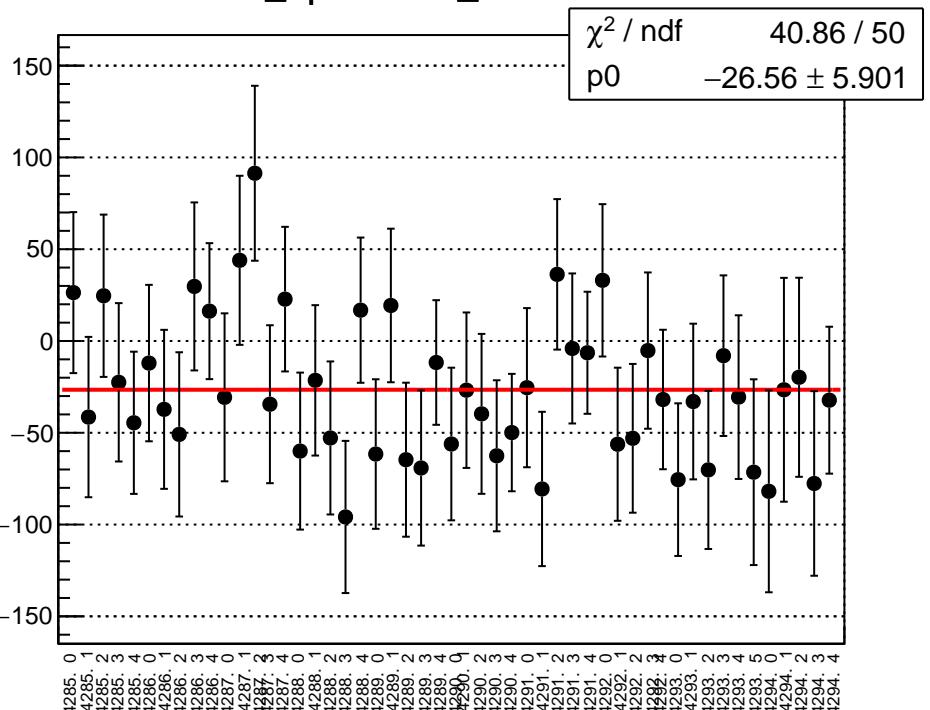
diff_bpm0l01X_mean vs run



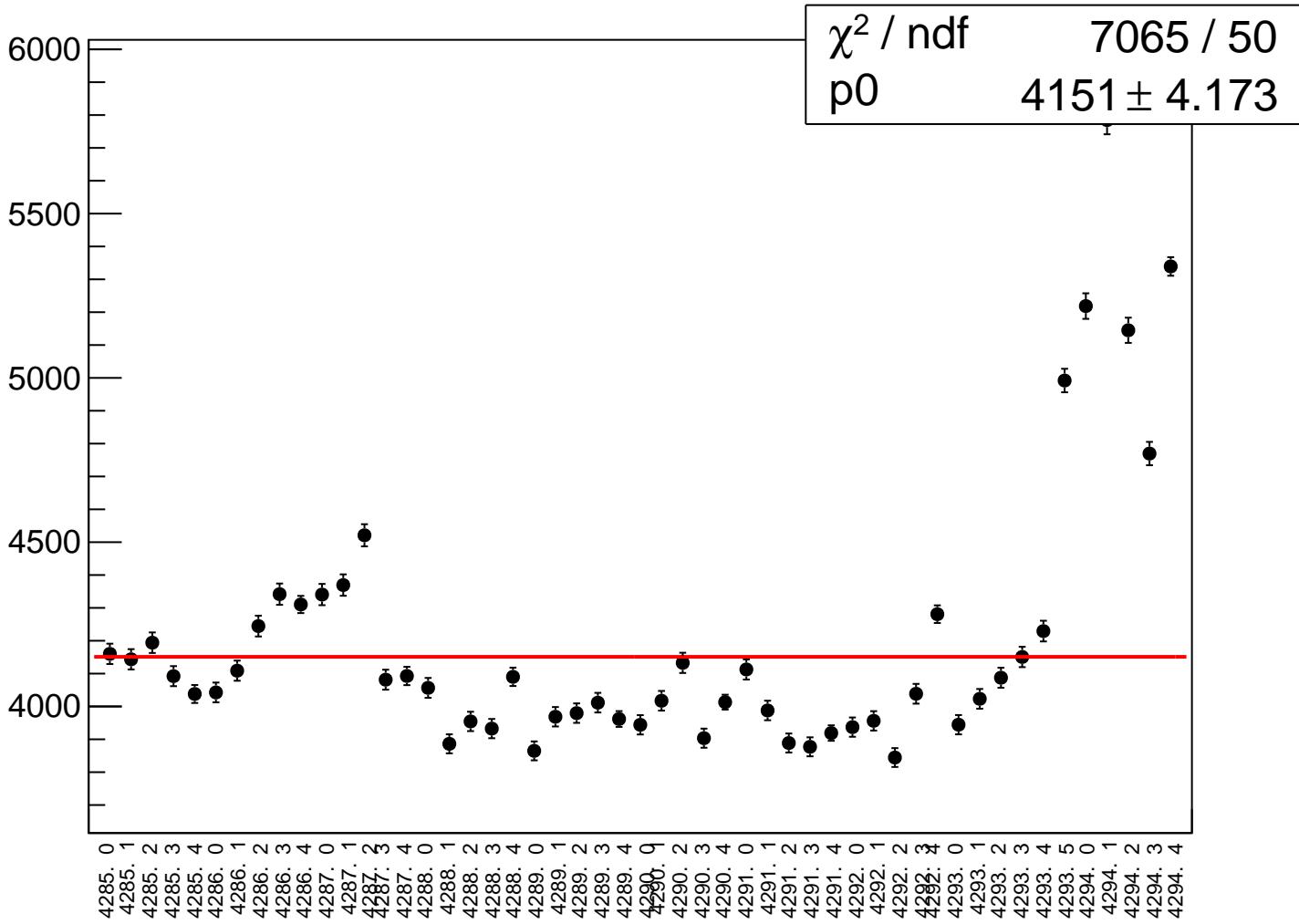
diff_bpm0I01X_rms vs run



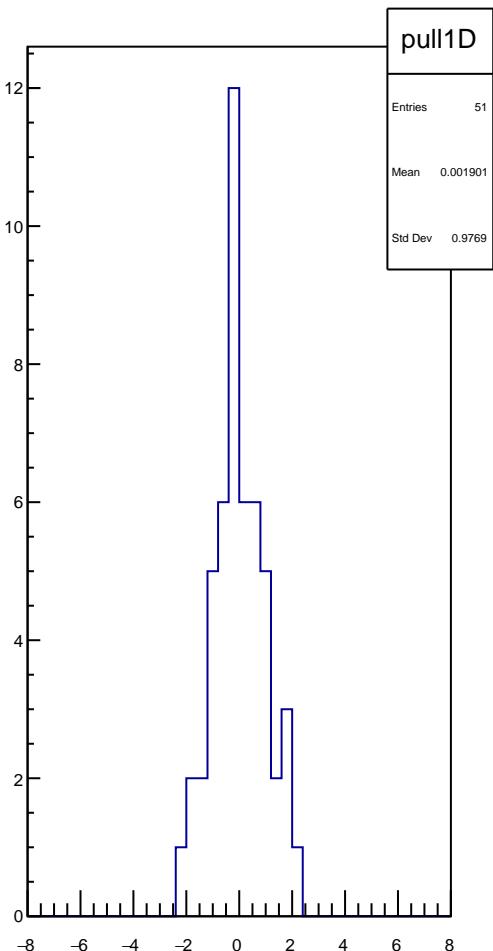
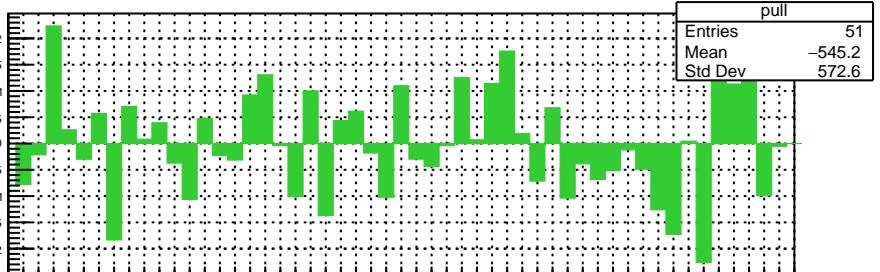
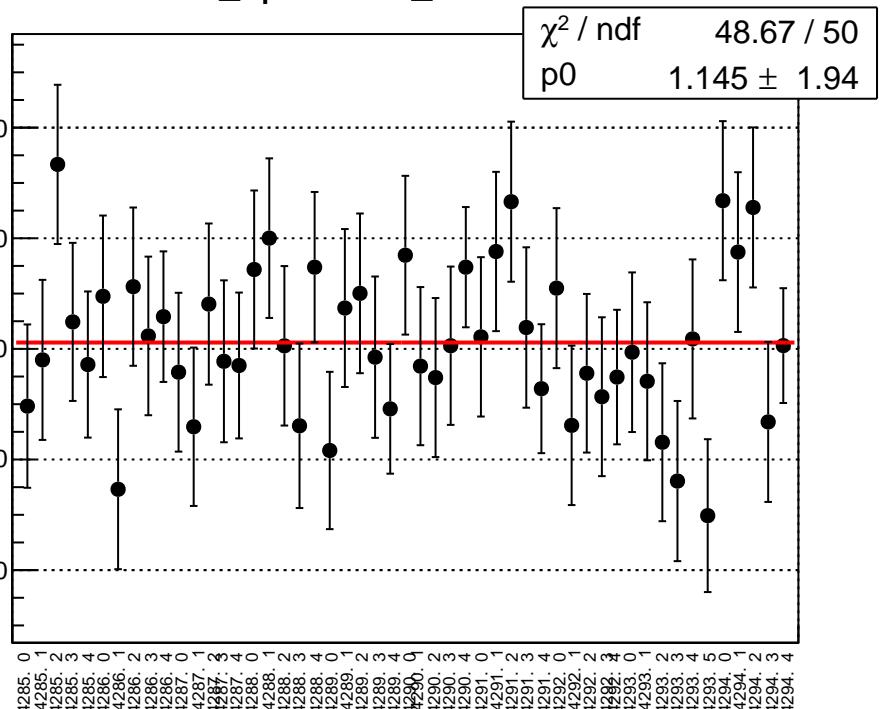
diff_bpm0l01Y_mean vs run



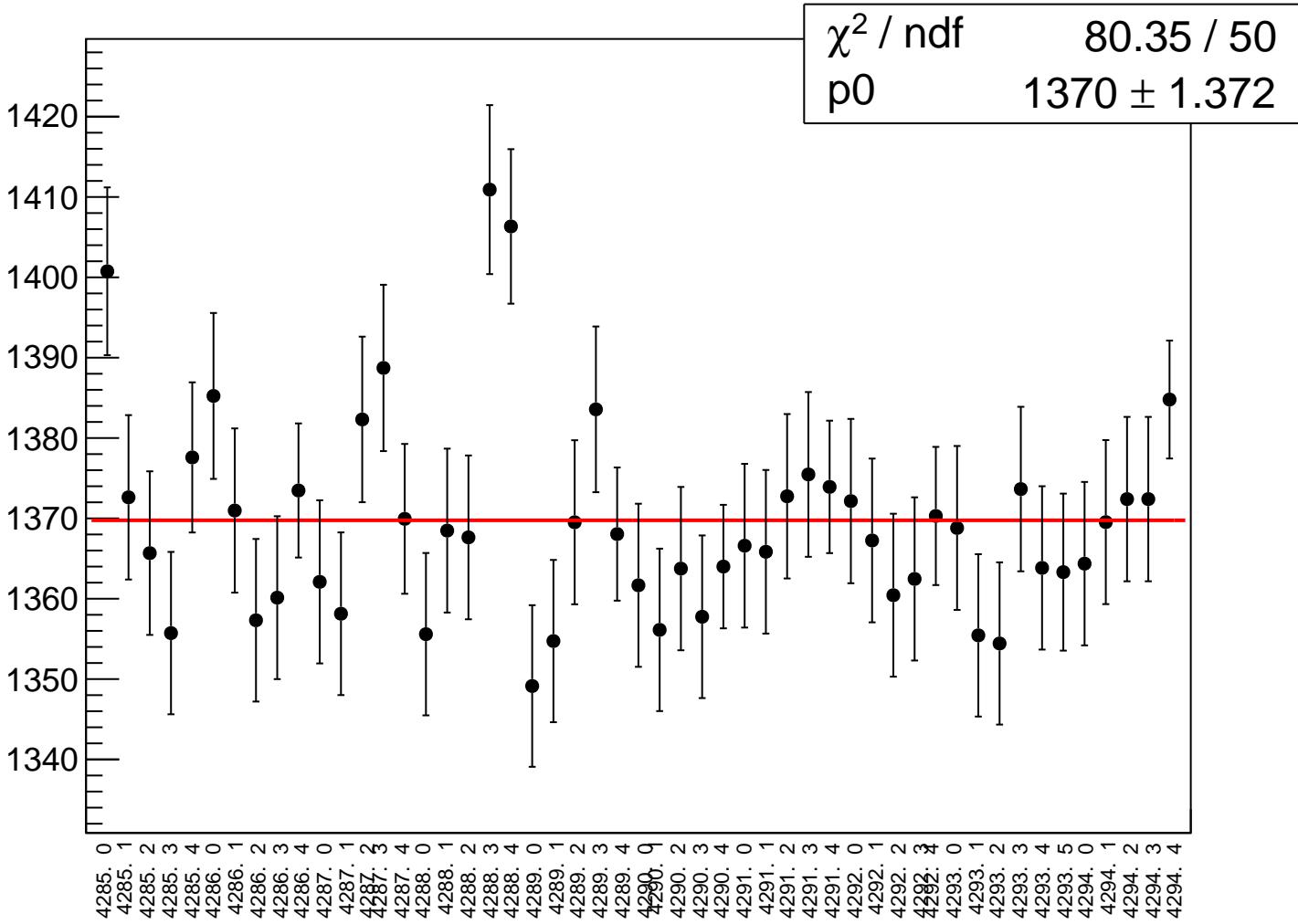
diff_bpm0I01Y_rms vs run



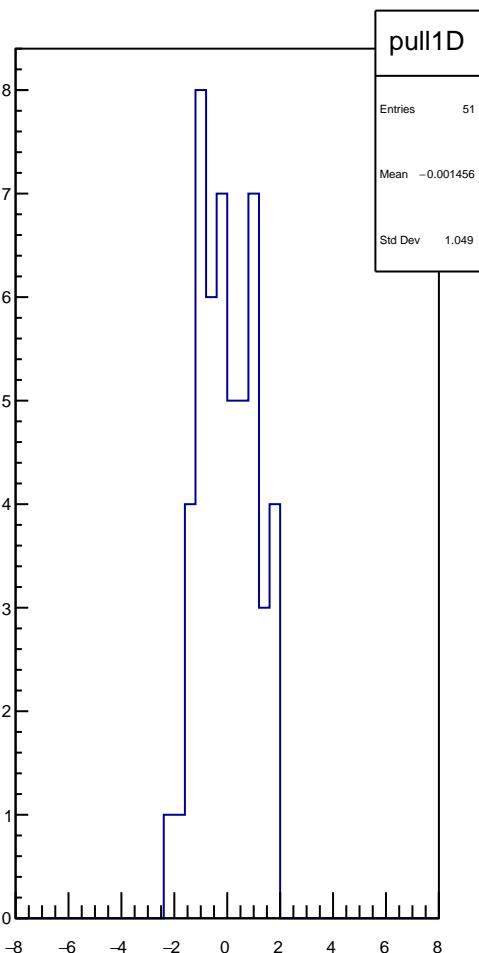
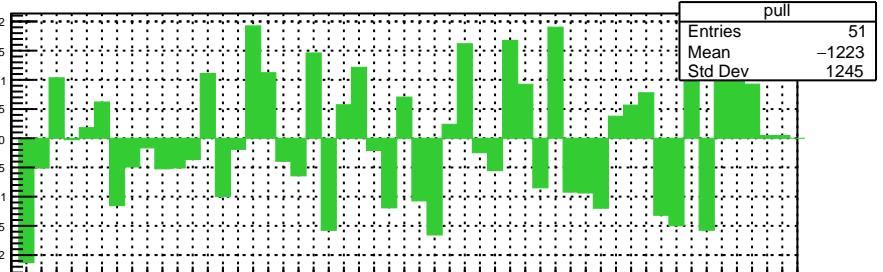
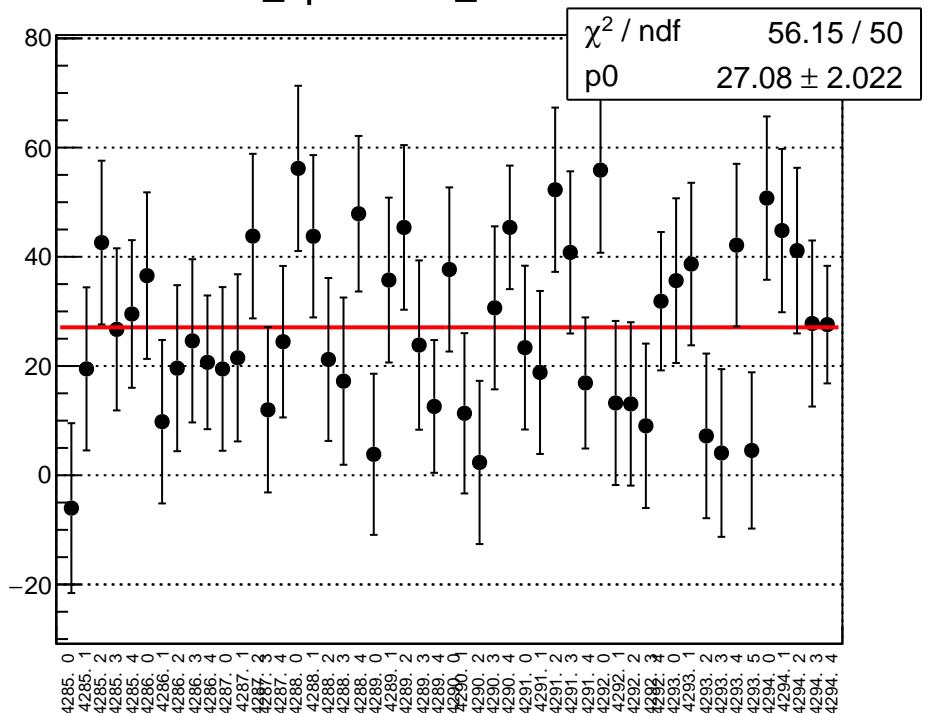
diff_bpm2i01X_mean vs run



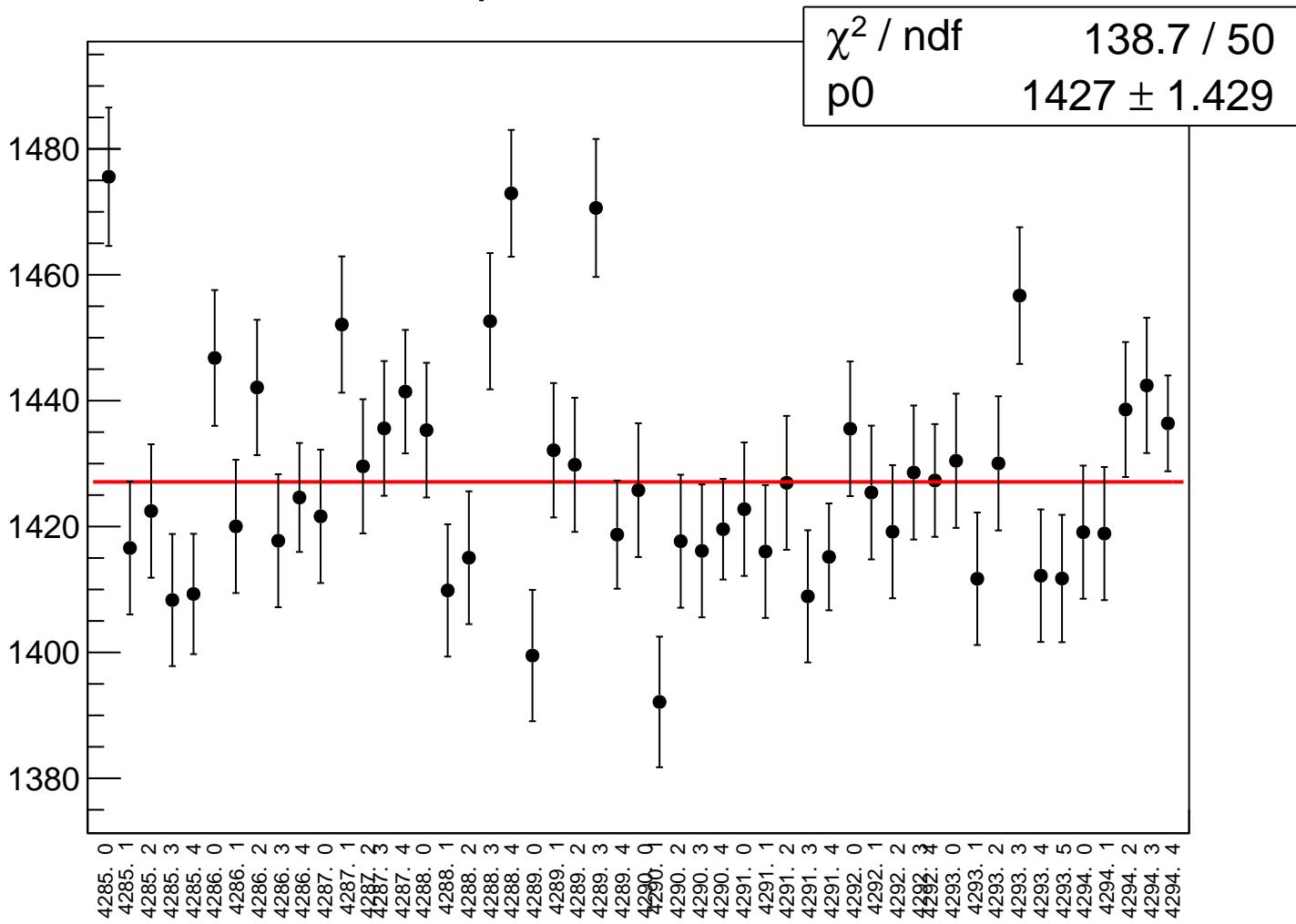
diff_bpm2i01X_rms vs run



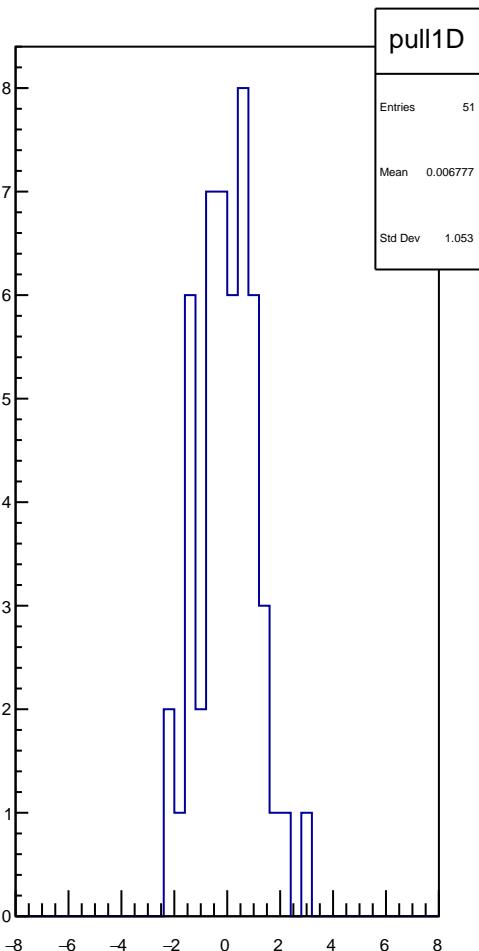
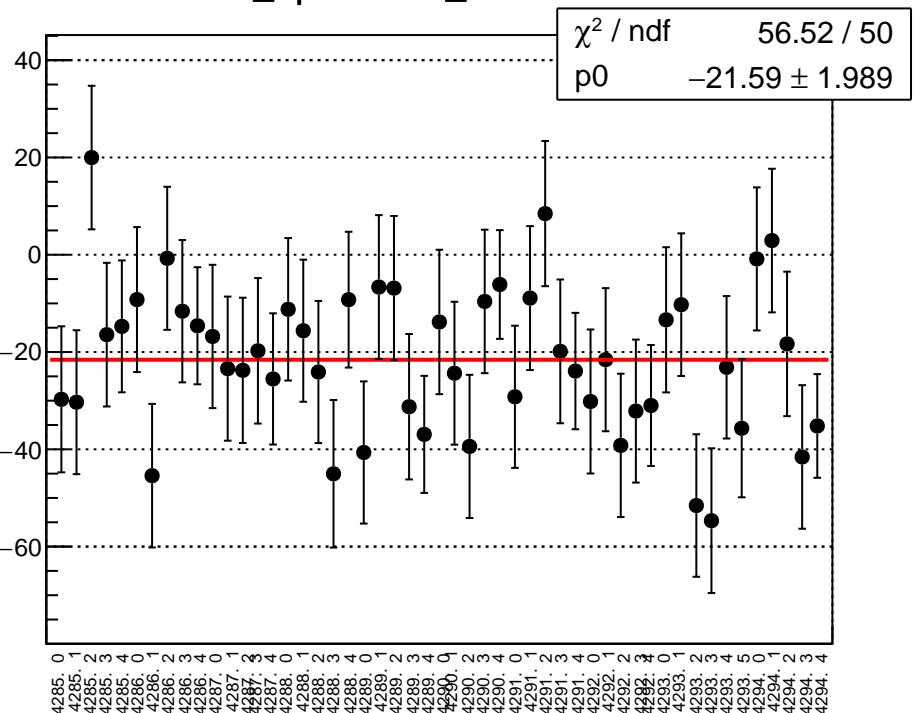
diff_bpm2i01Y_mean vs run



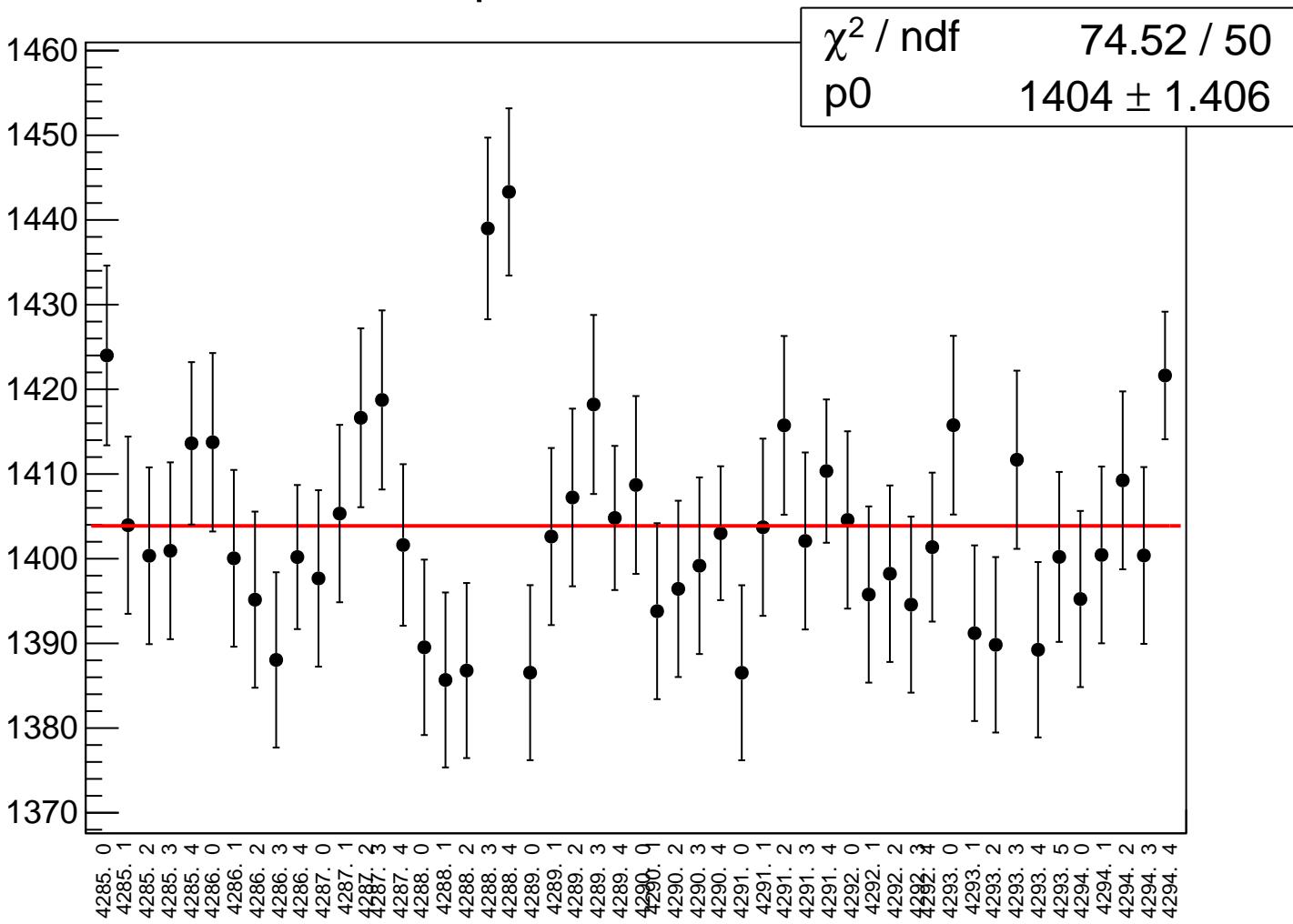
diff_bpm2i01Y_rms vs run



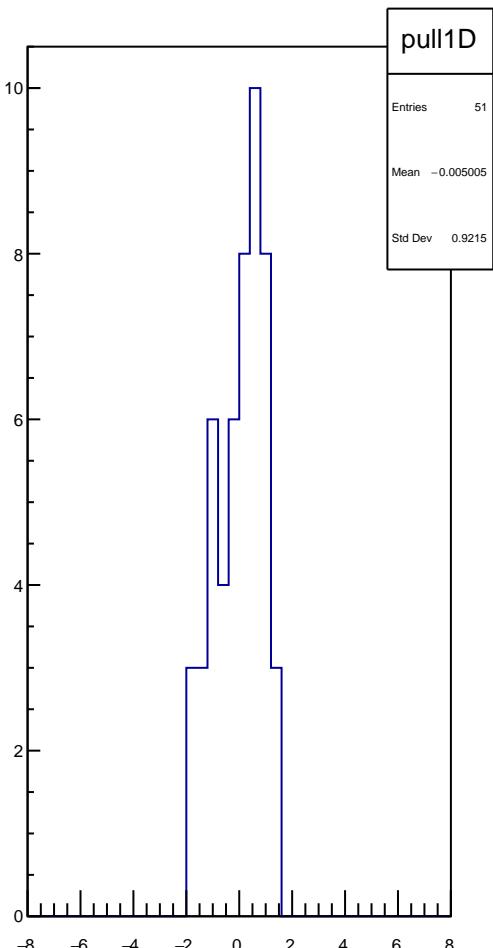
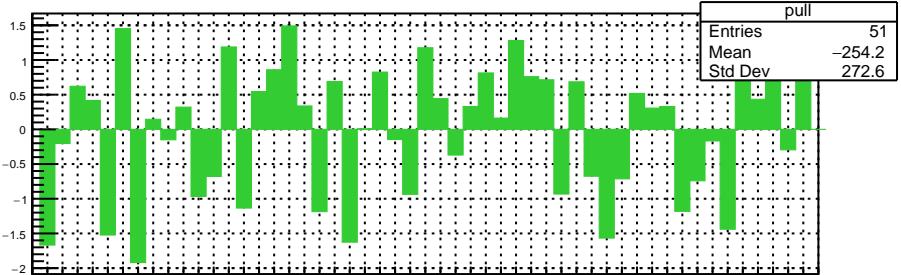
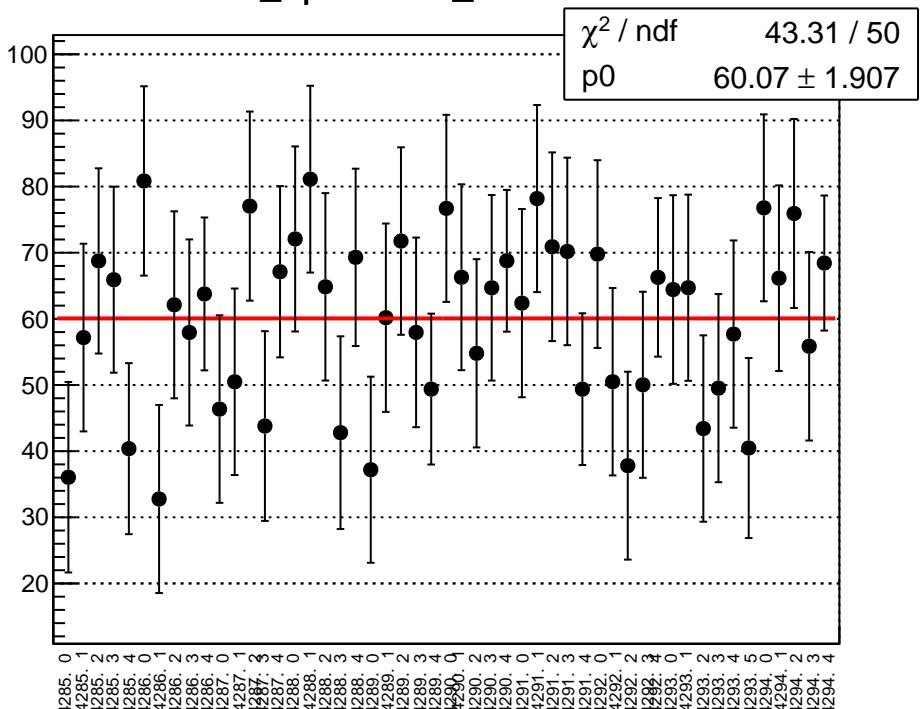
diff_bpm2i02X_mean vs run



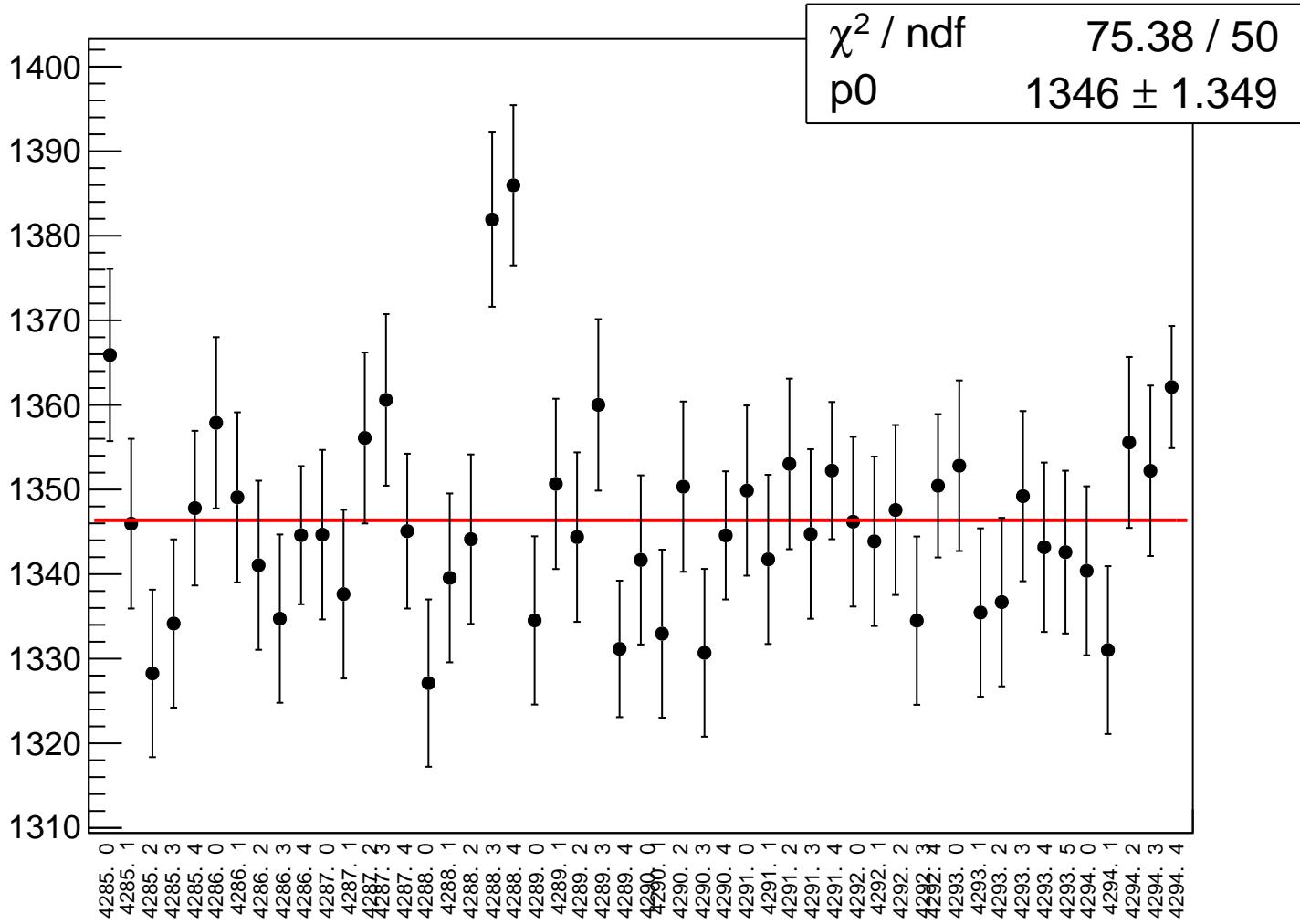
diff_bpm2i02X_rms vs run



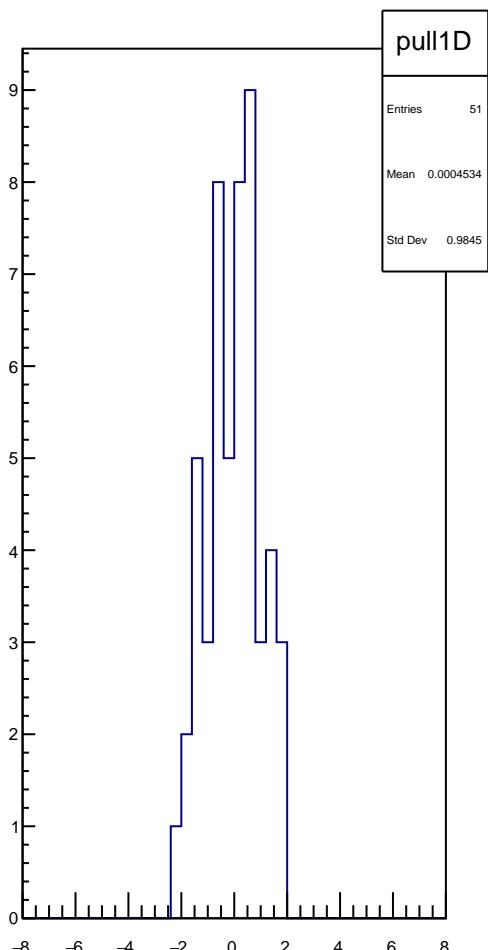
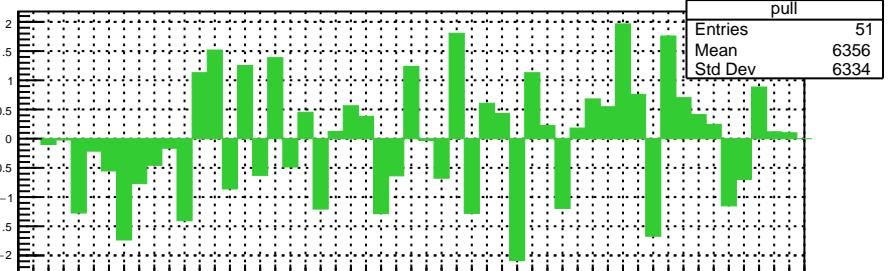
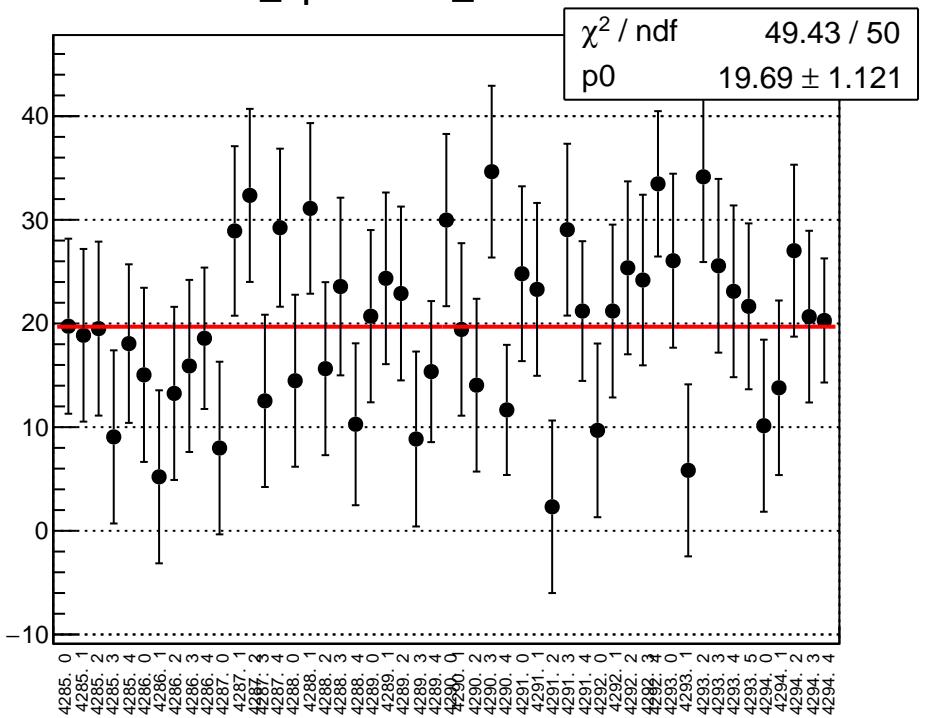
diff_bpm2i02Y_mean vs run



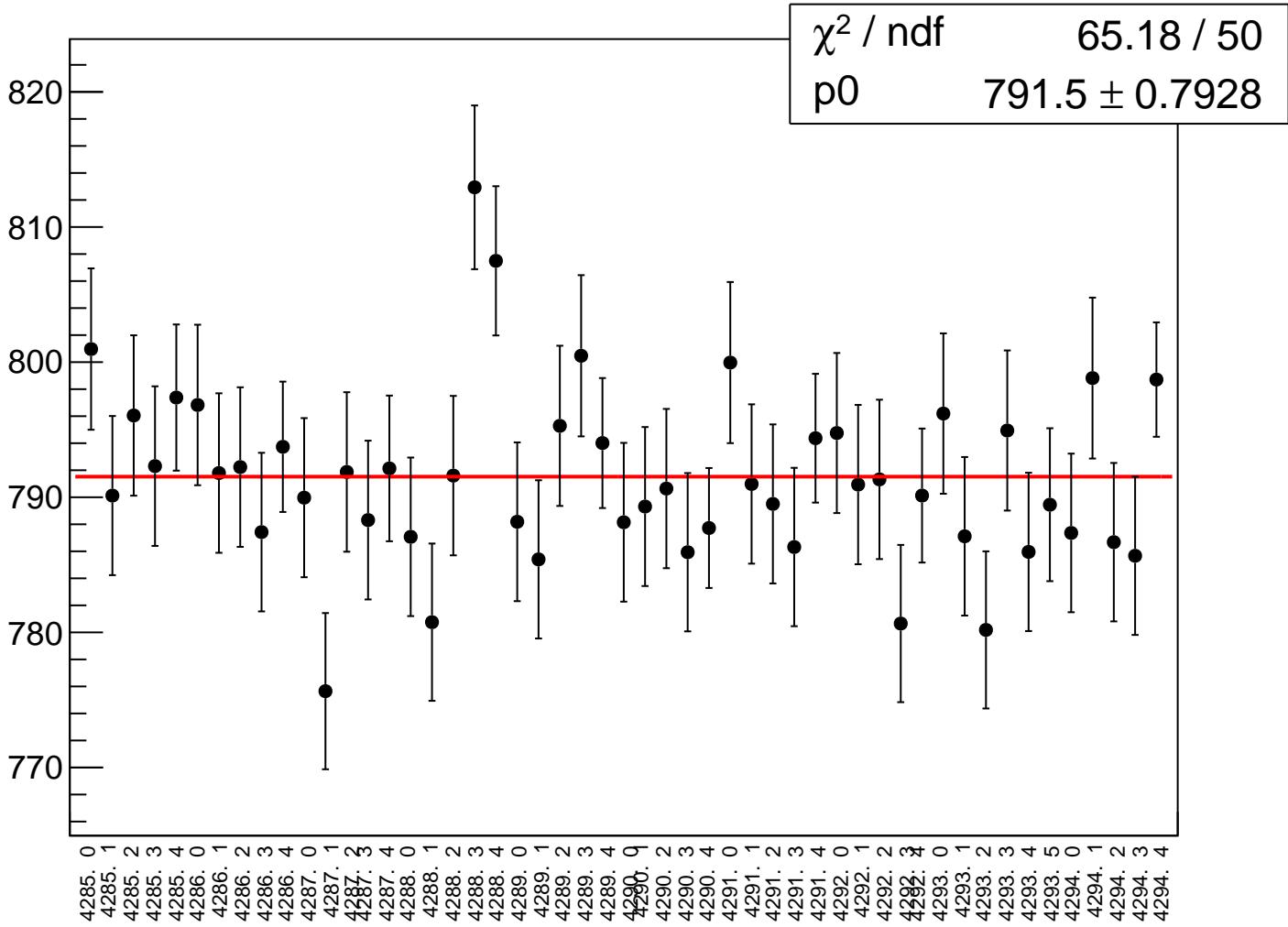
diff_bpm2i02Y_rms vs run



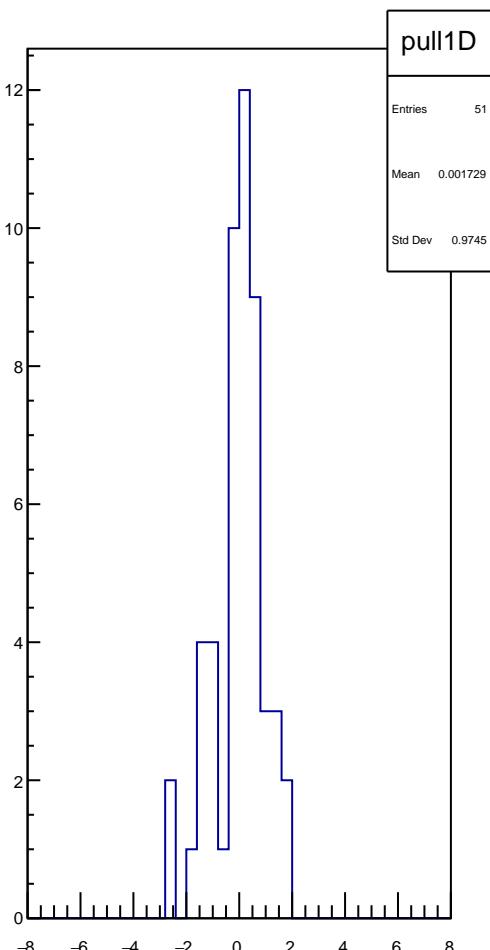
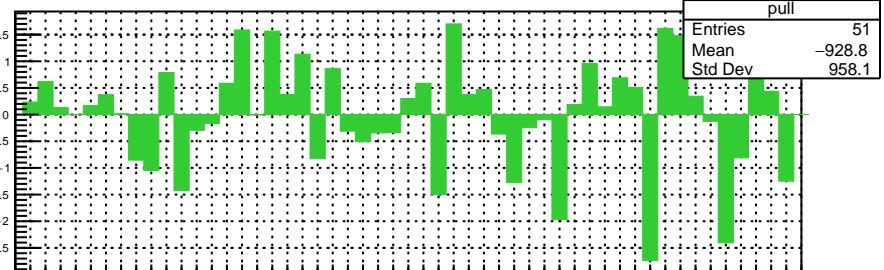
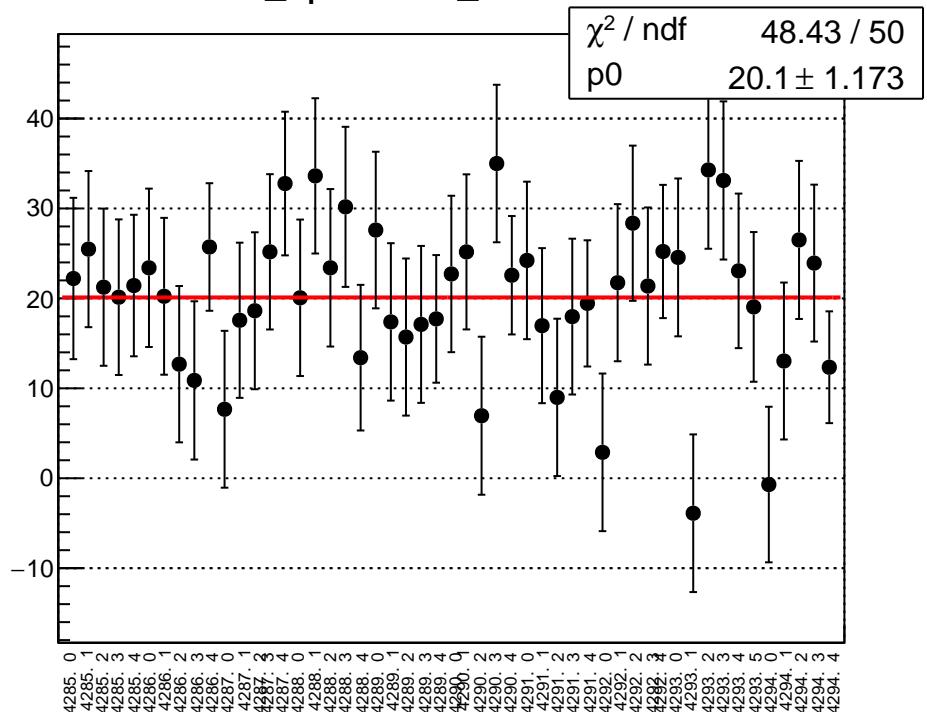
diff_bpm1i04X_mean vs run



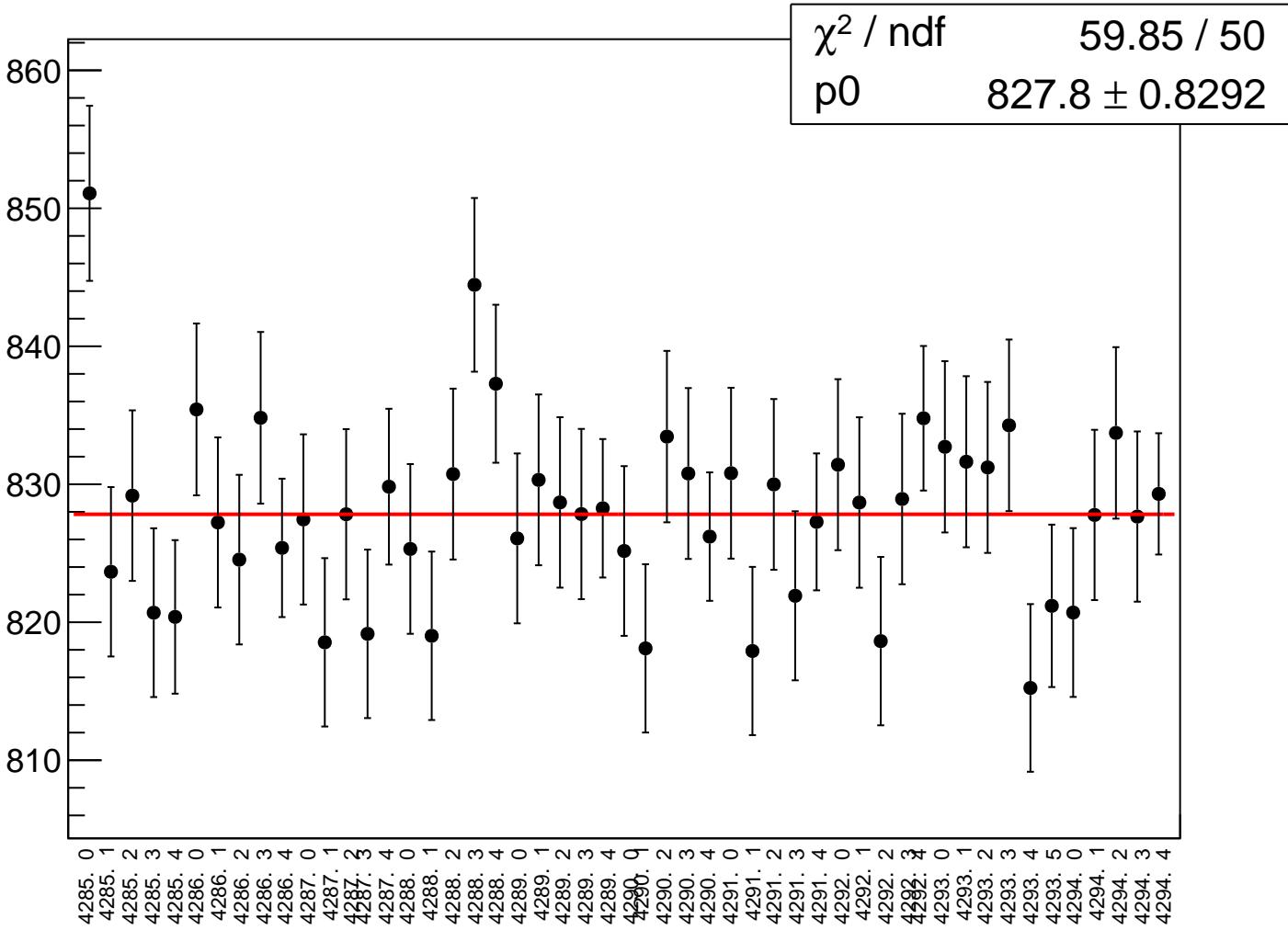
diff_bpm1i04X_rms vs run



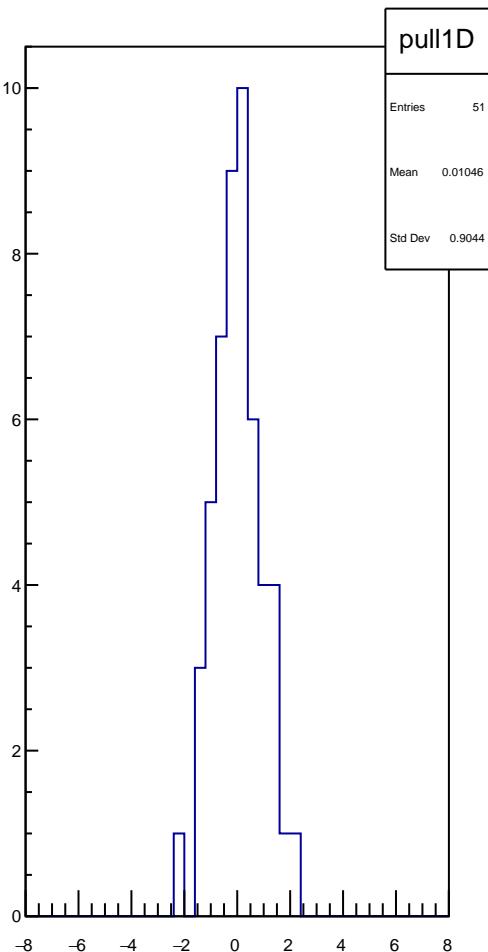
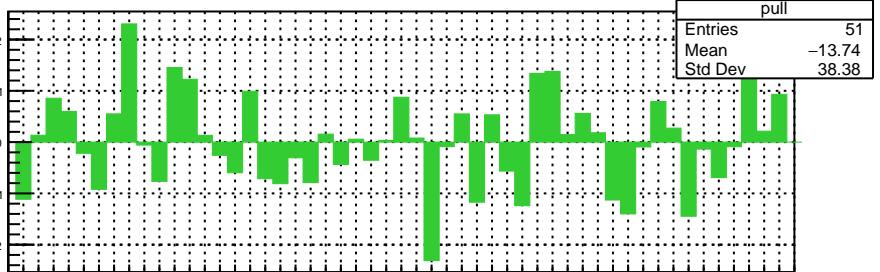
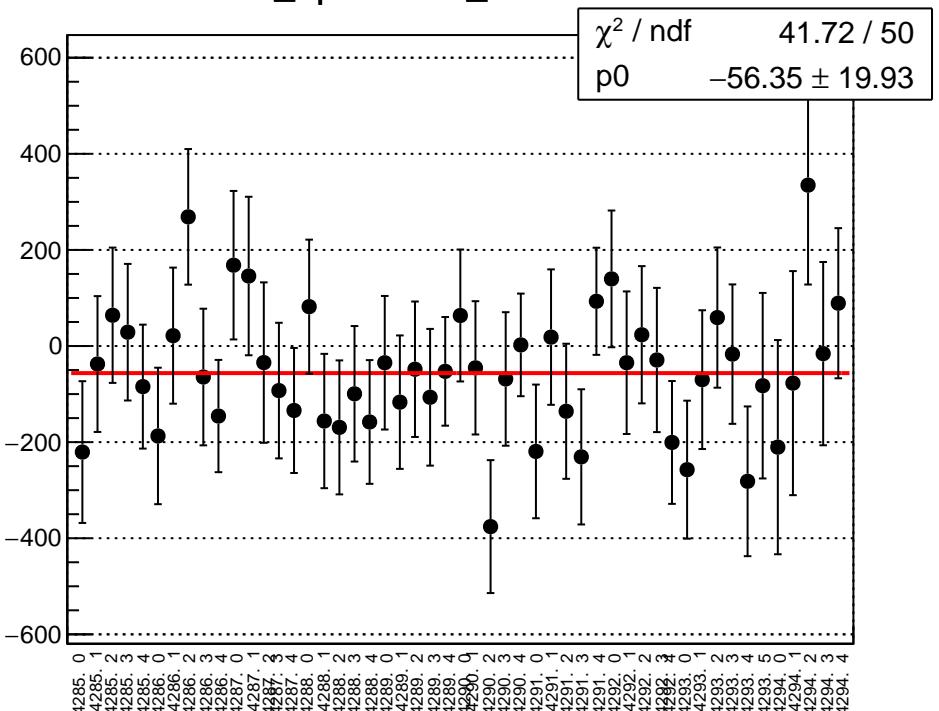
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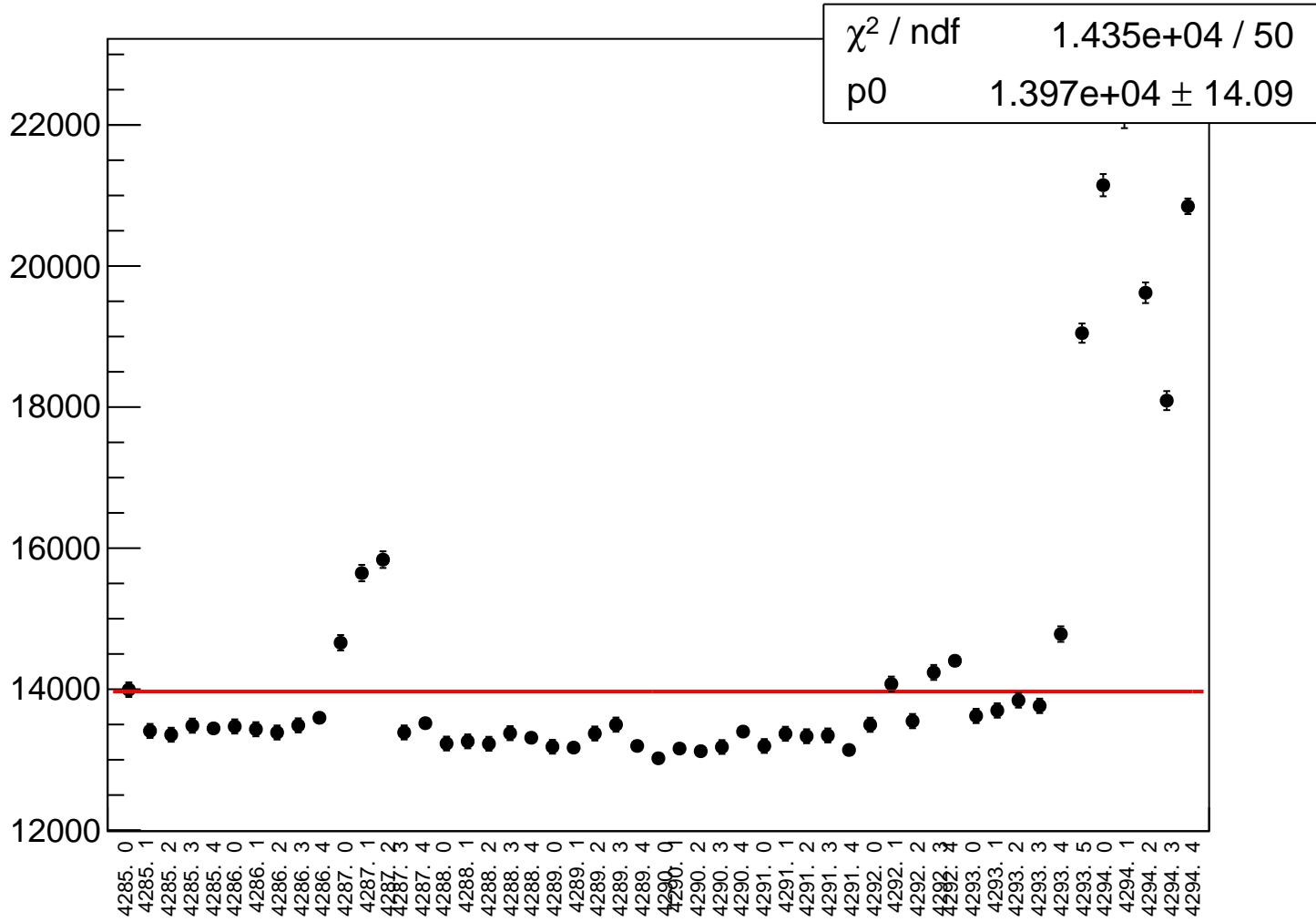
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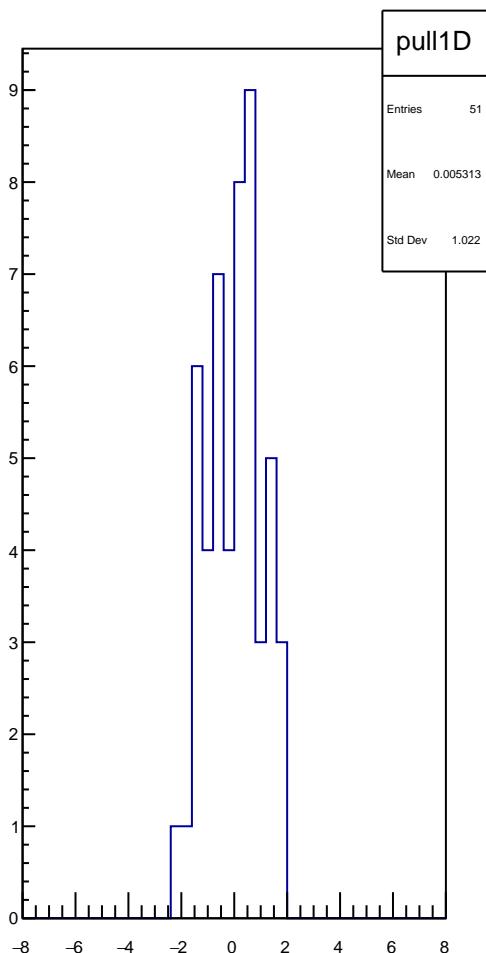
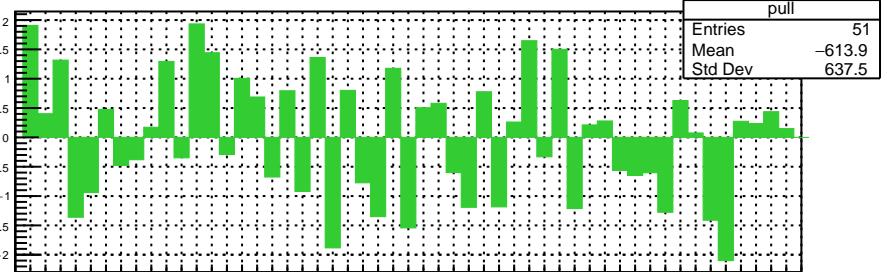
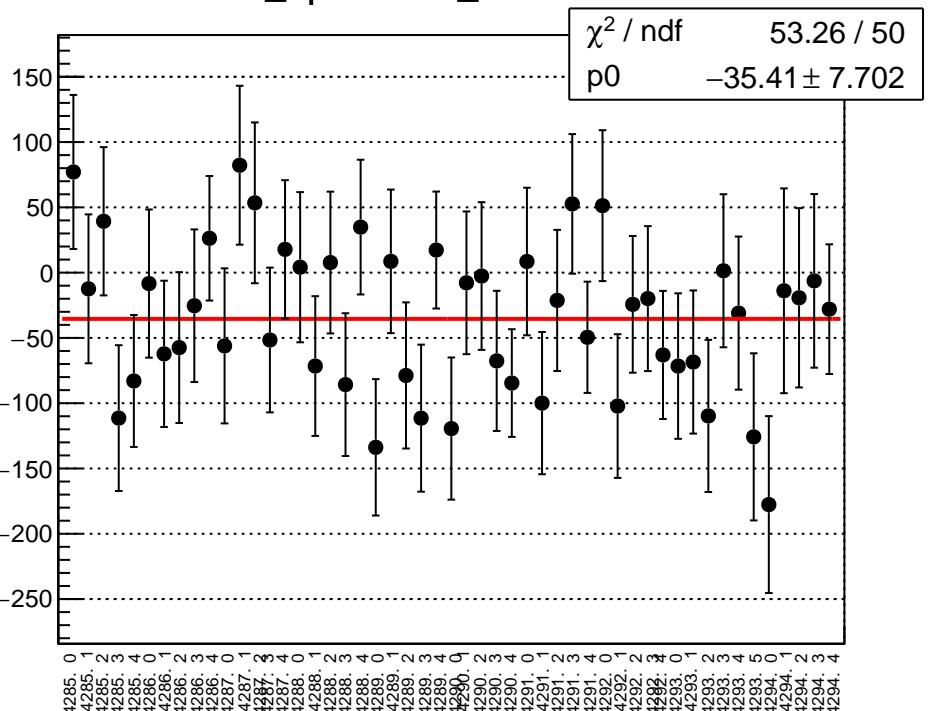
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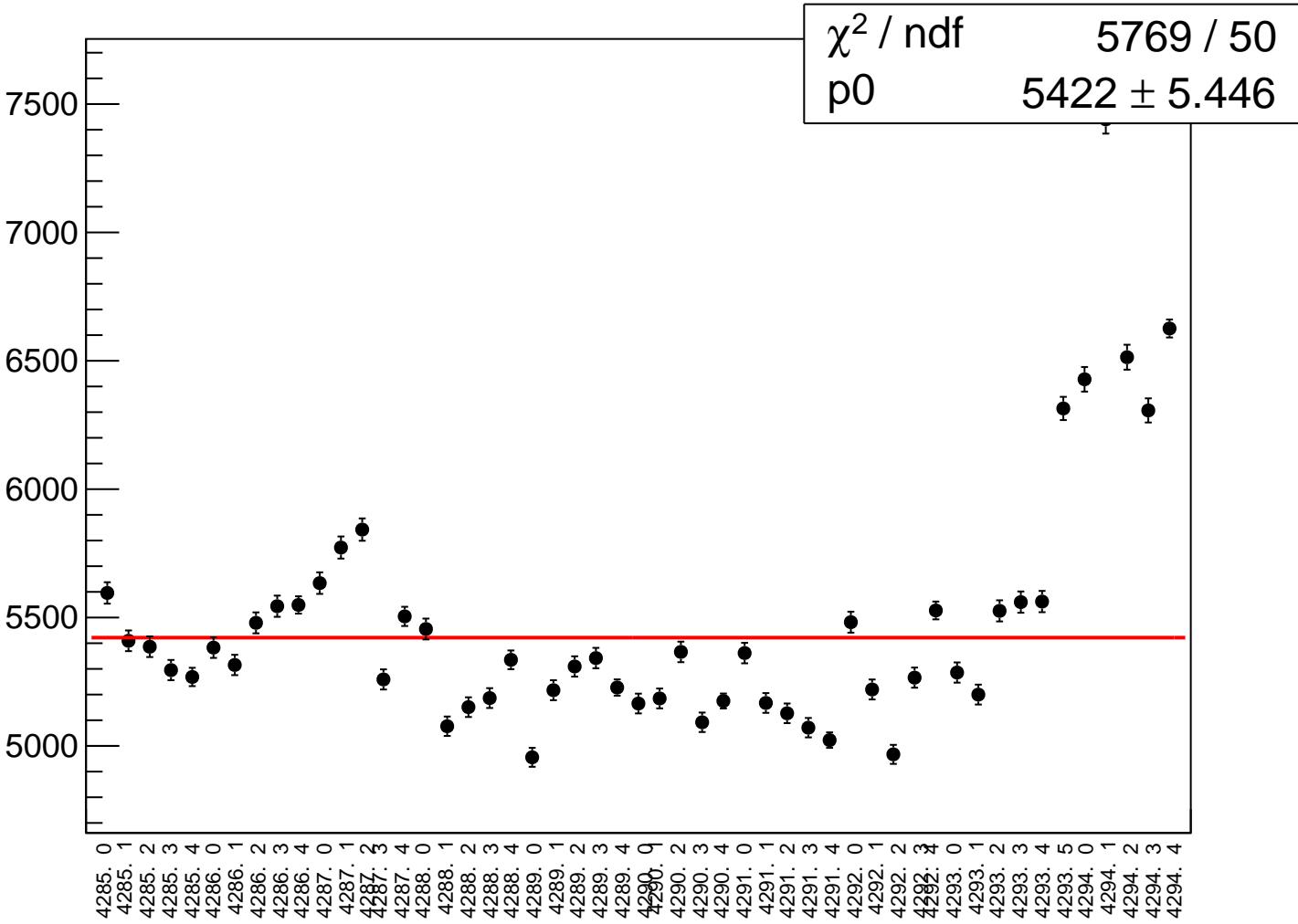
diff_bpm0I02X_rms vs run



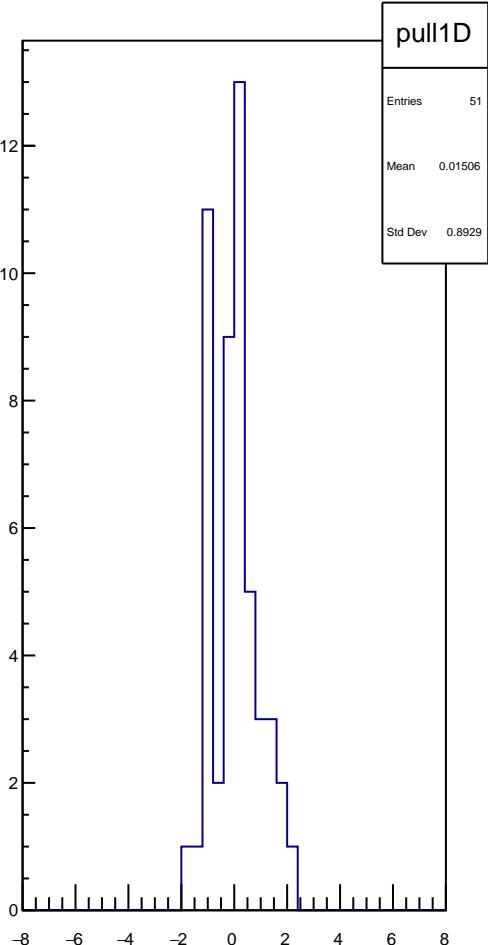
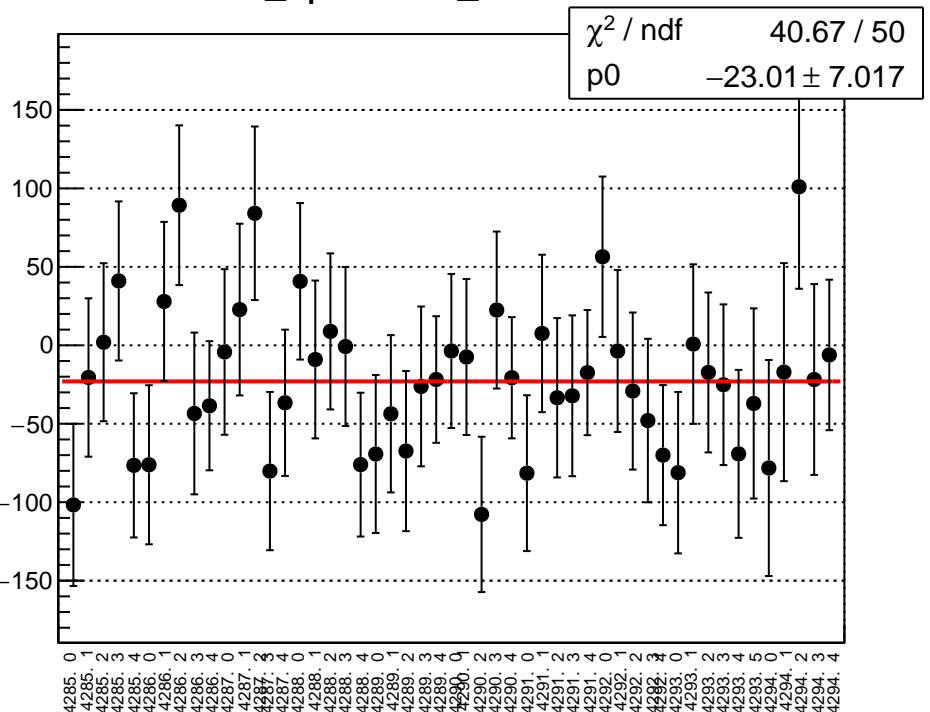
diff_bpm0l02Y_mean vs run



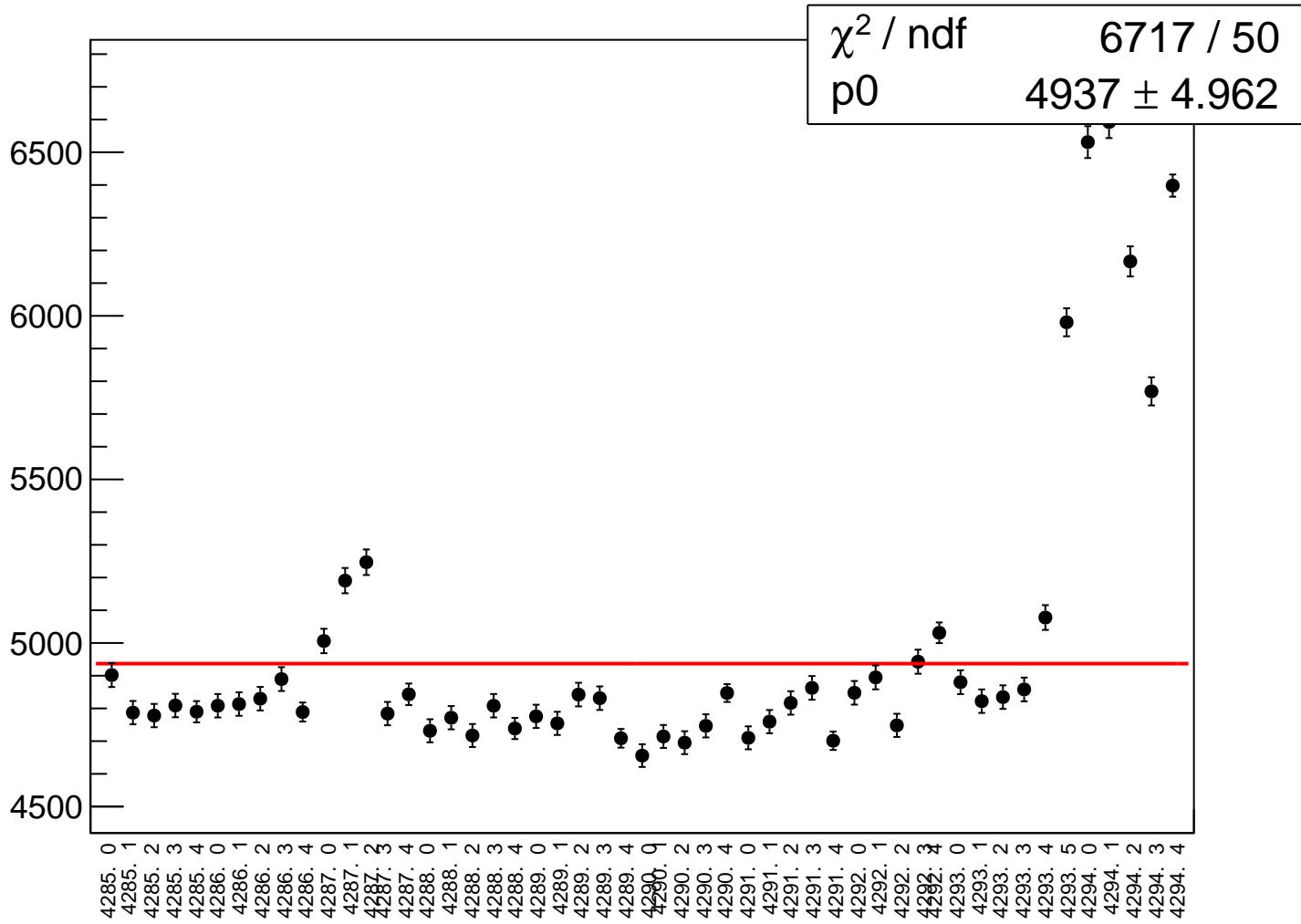
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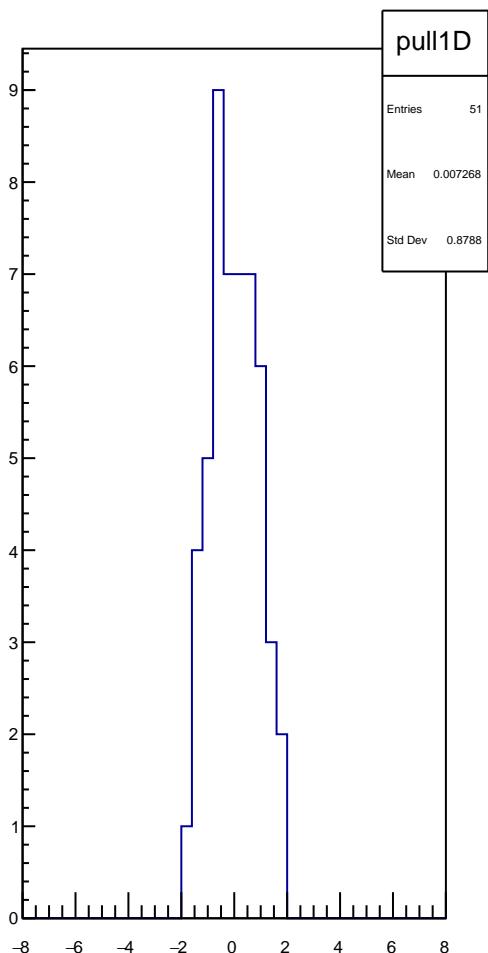
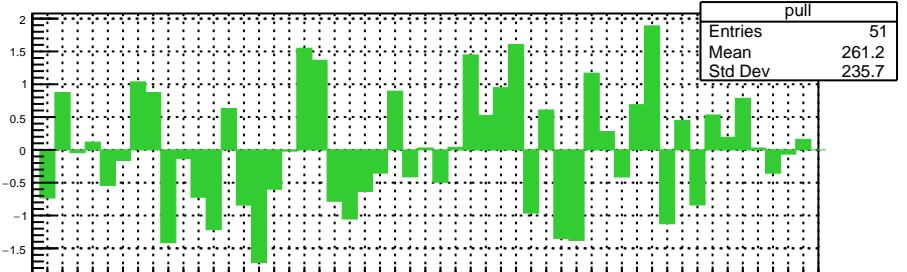
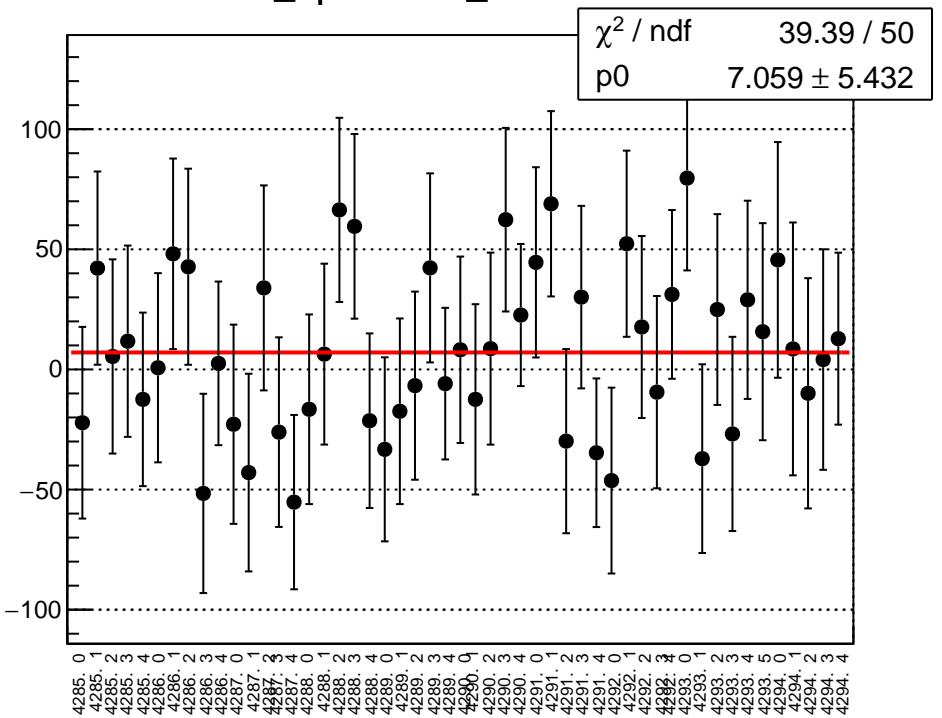
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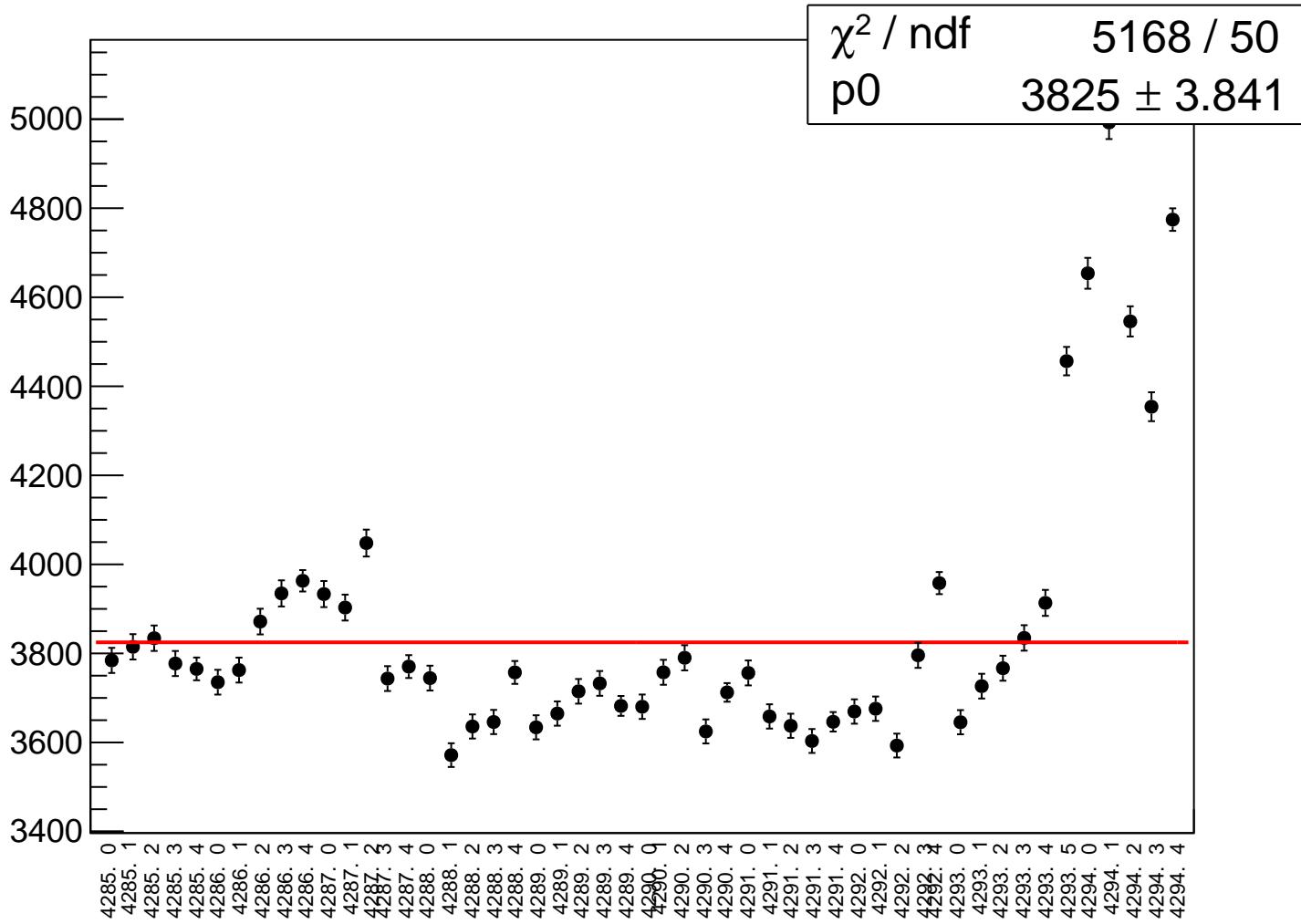
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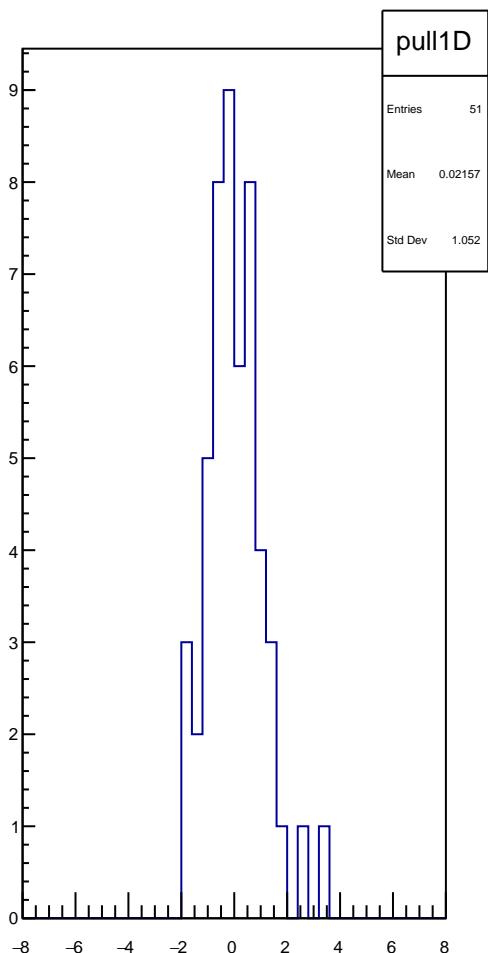
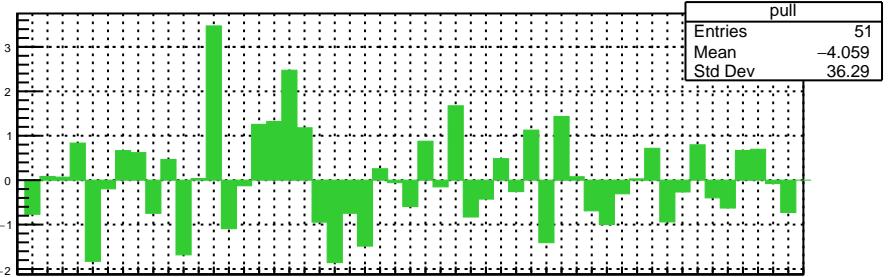
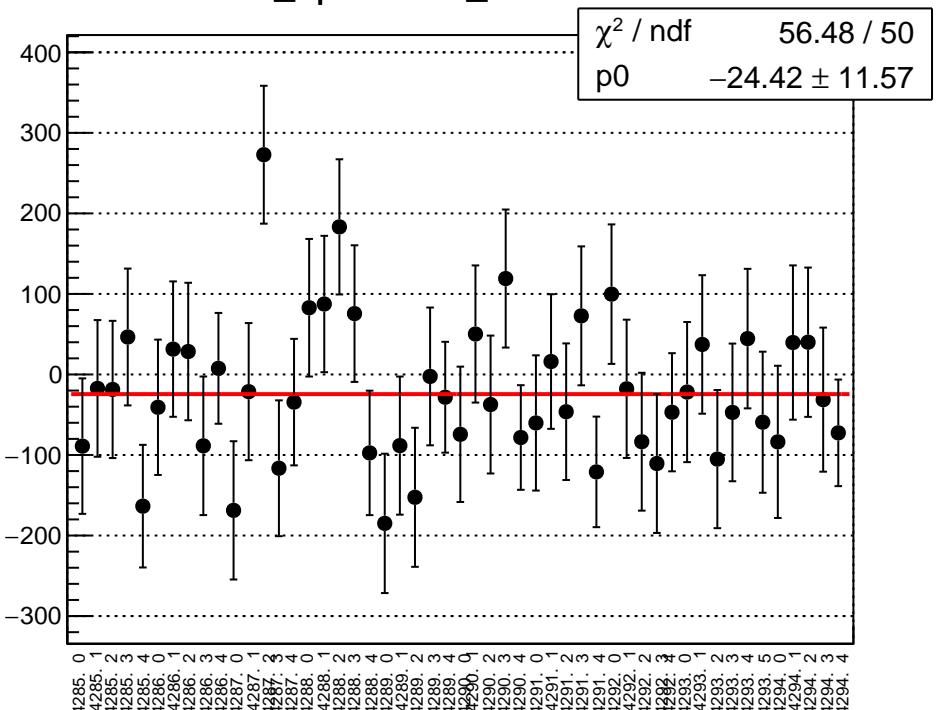
diff_bpm0l03Y_mean vs run



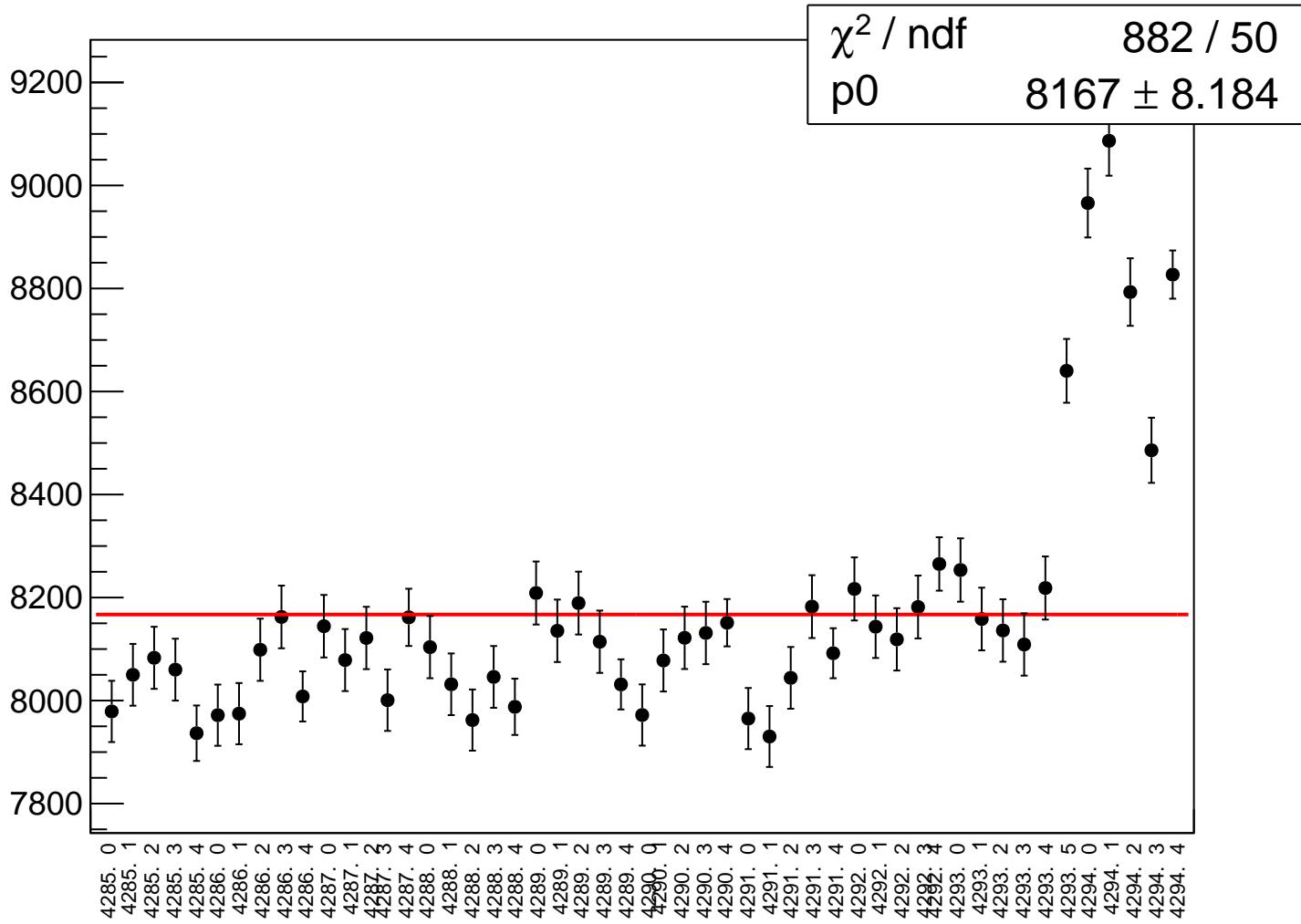
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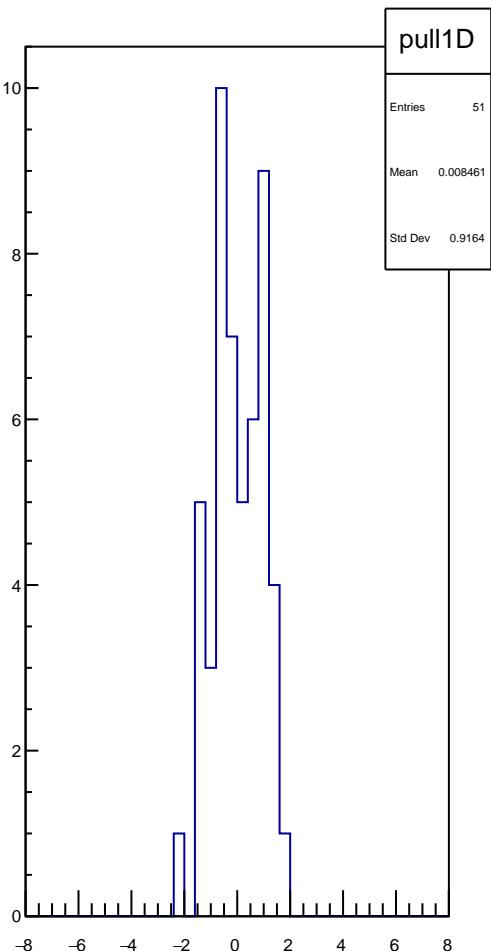
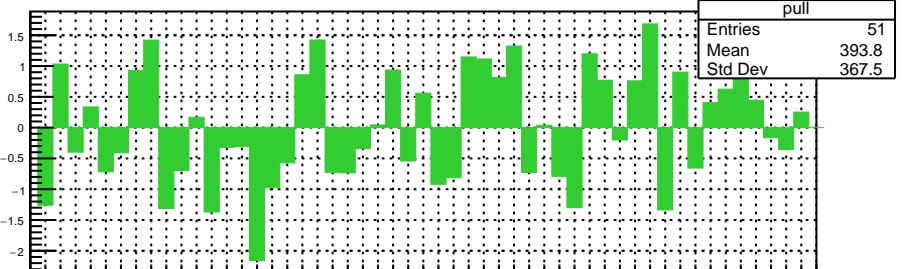
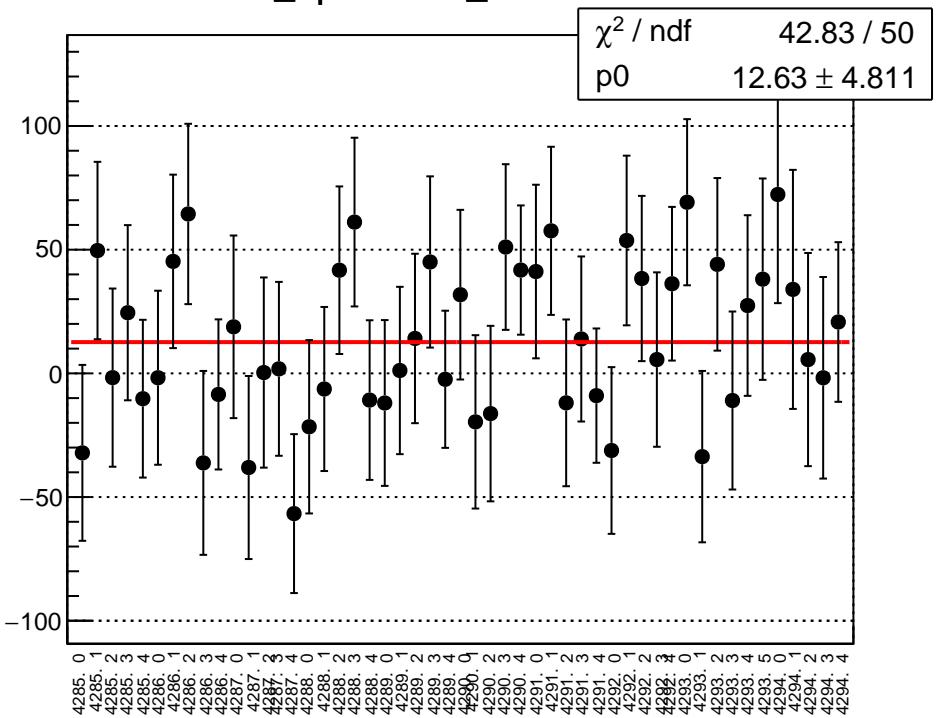
diff_bpm0l04X_mean vs run



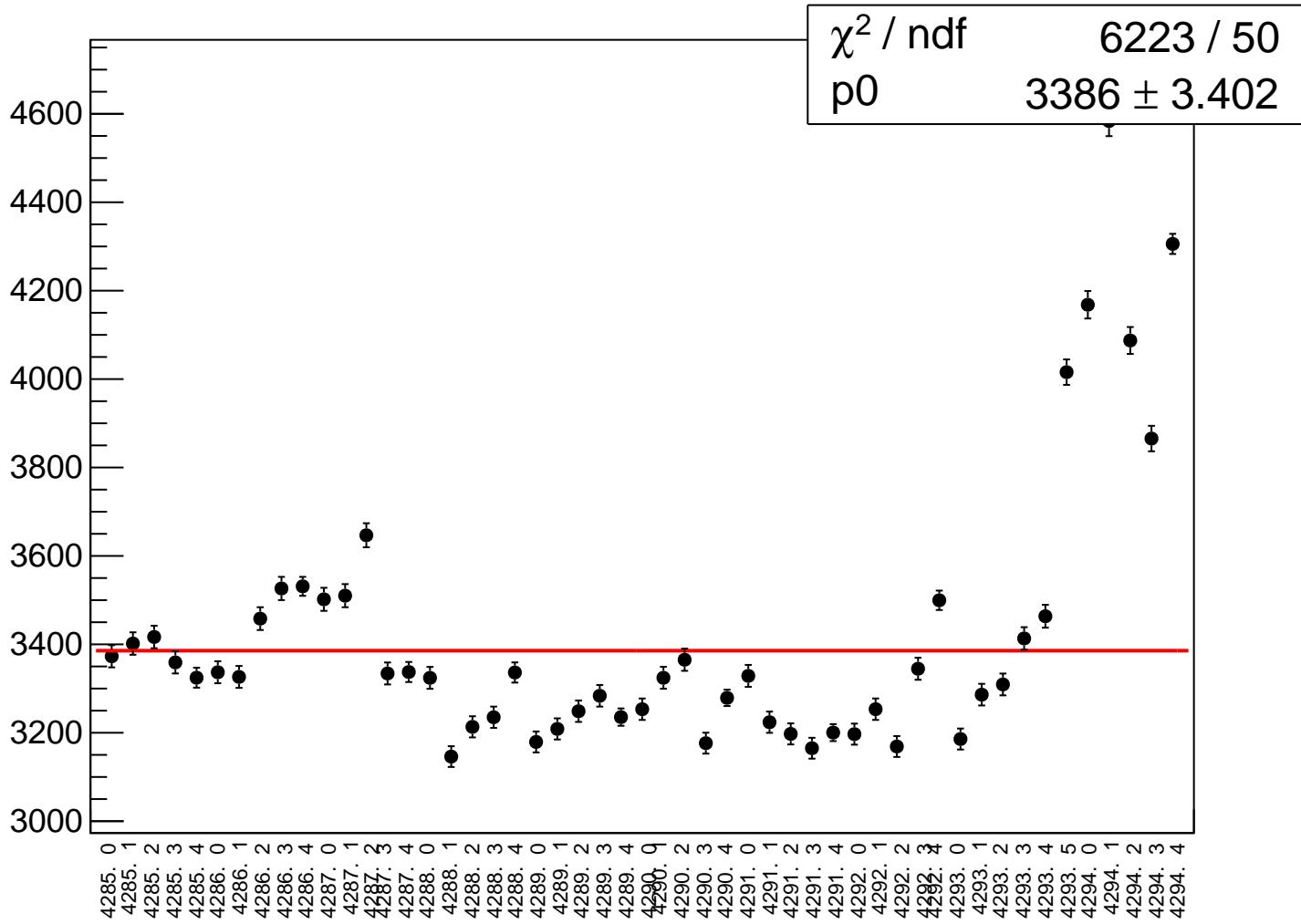
diff_bpm0I04X_rms vs run



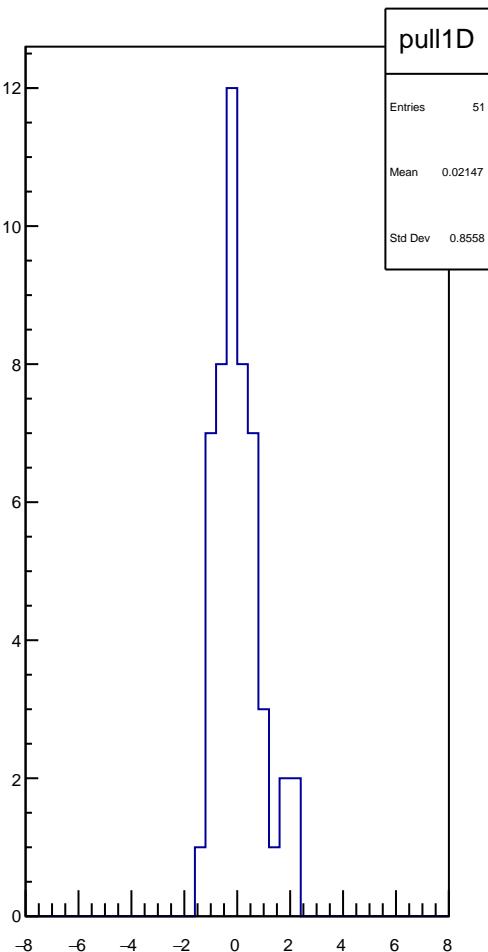
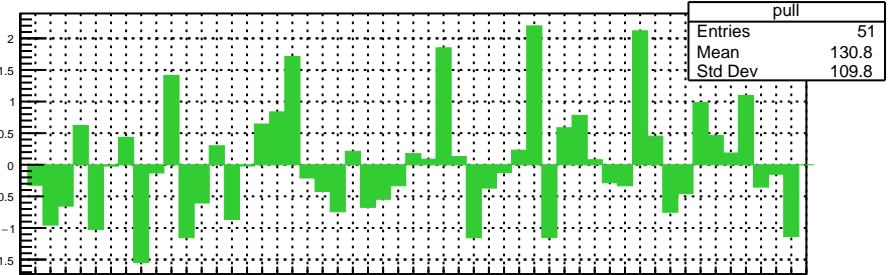
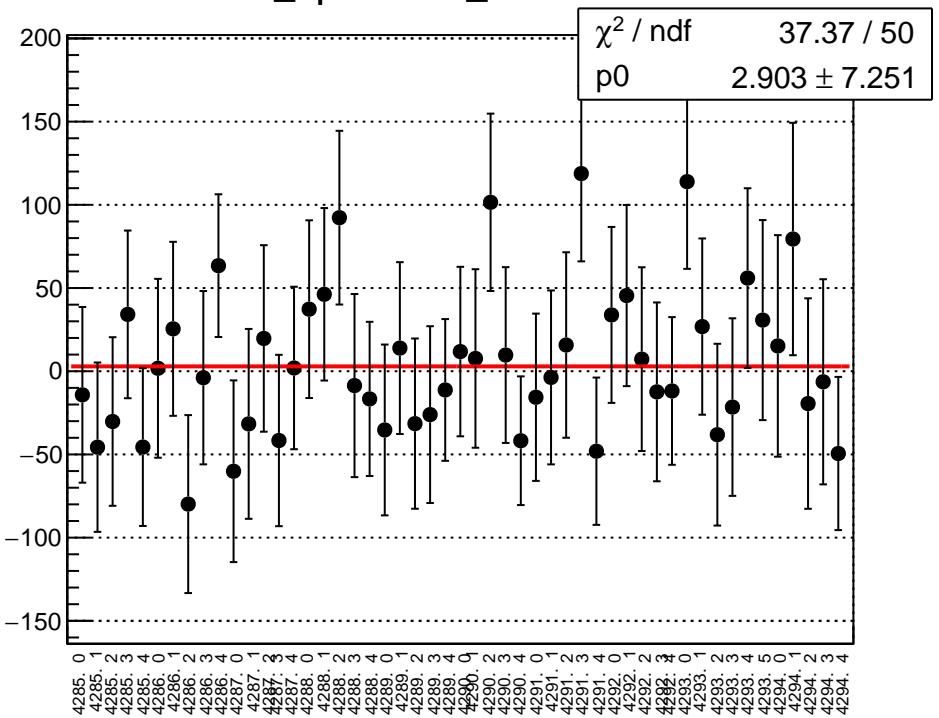
diff_bpm0l04Y_mean vs run



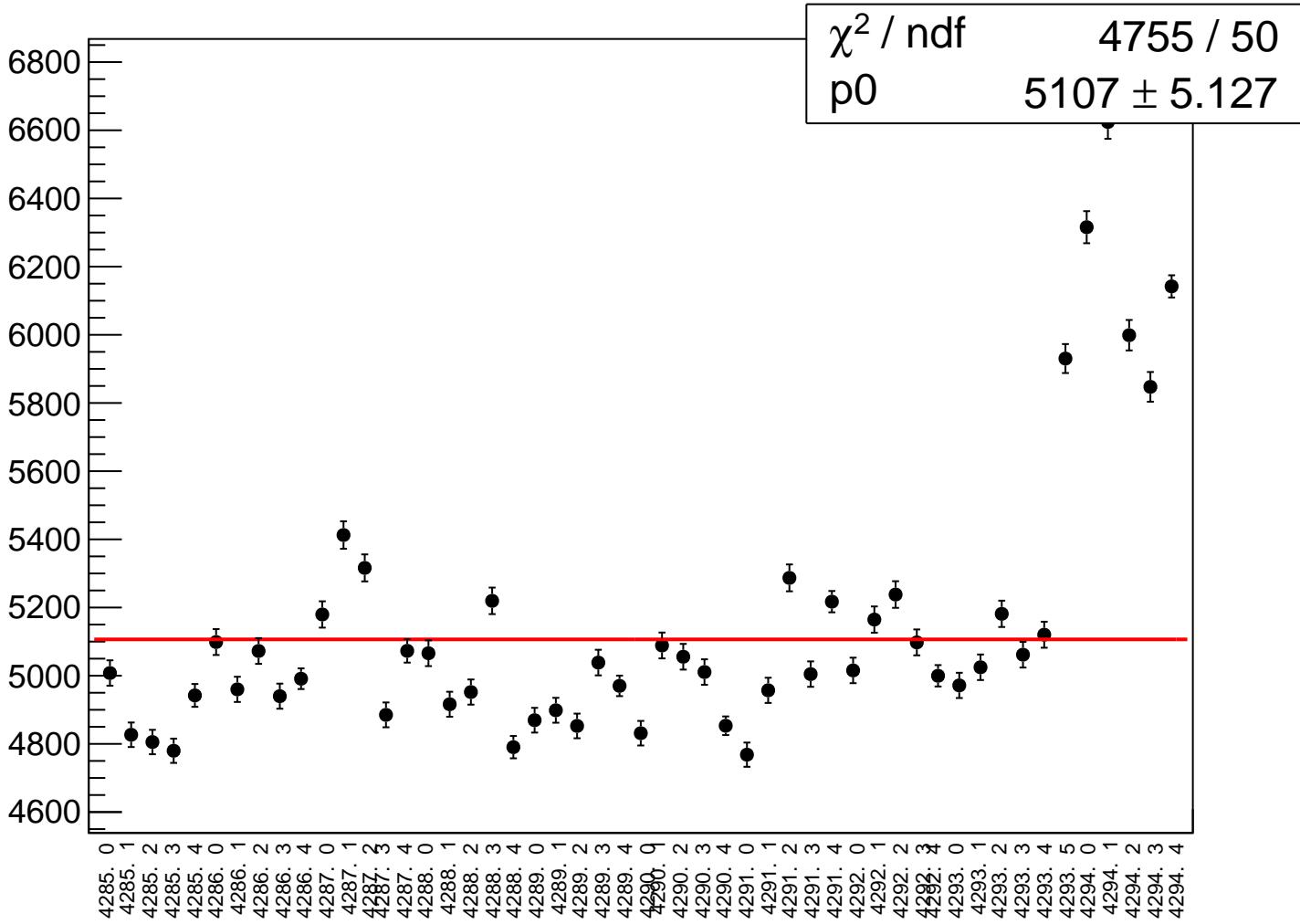
diff_bpm0I04Y_rms vs run



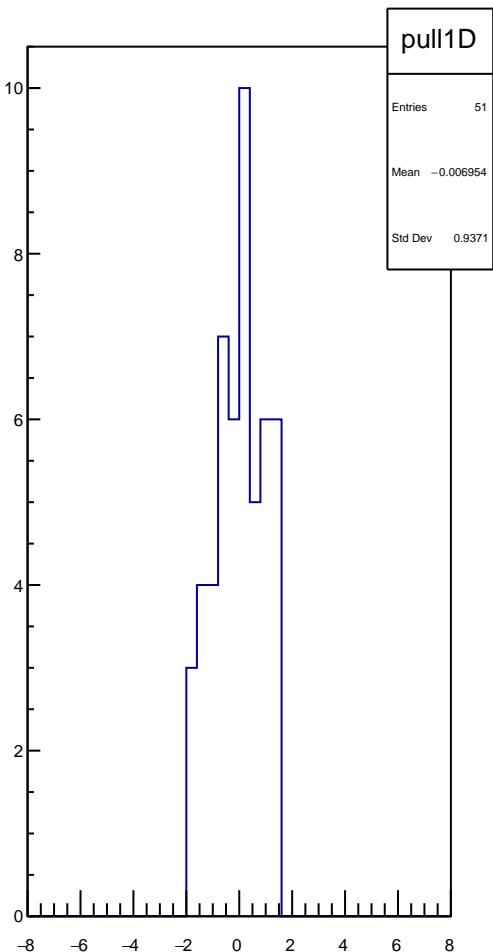
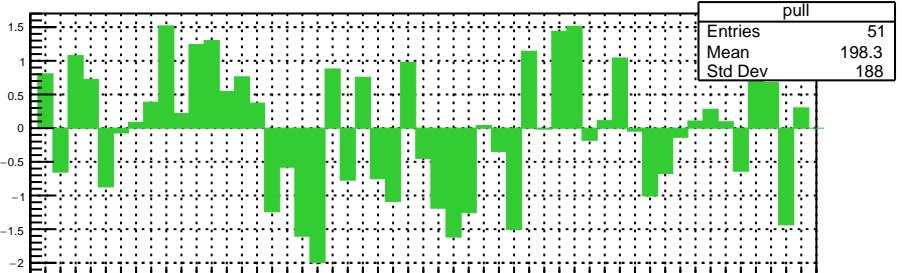
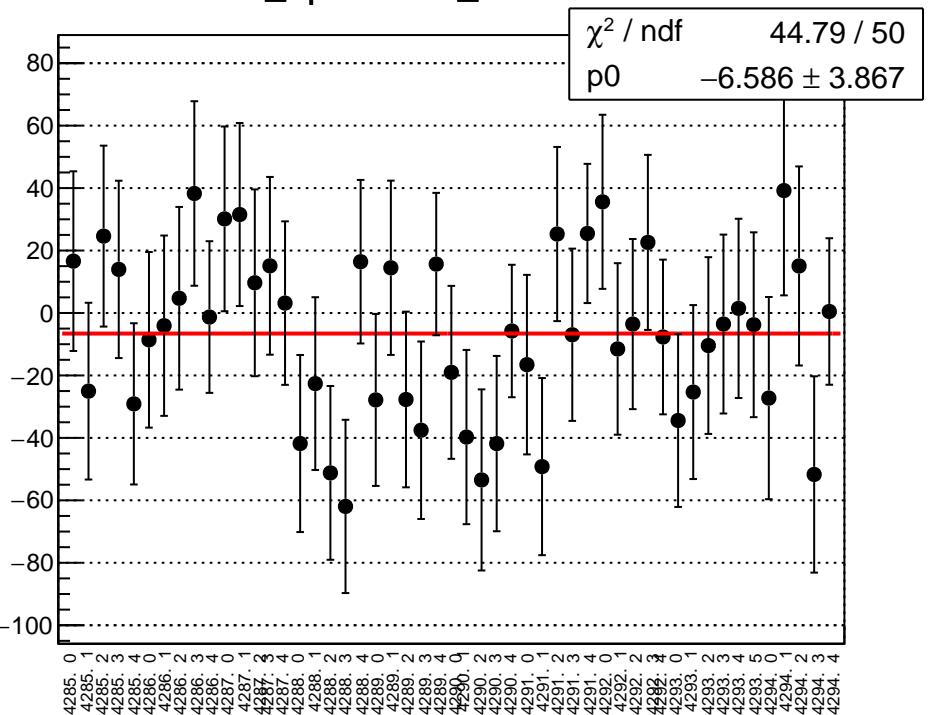
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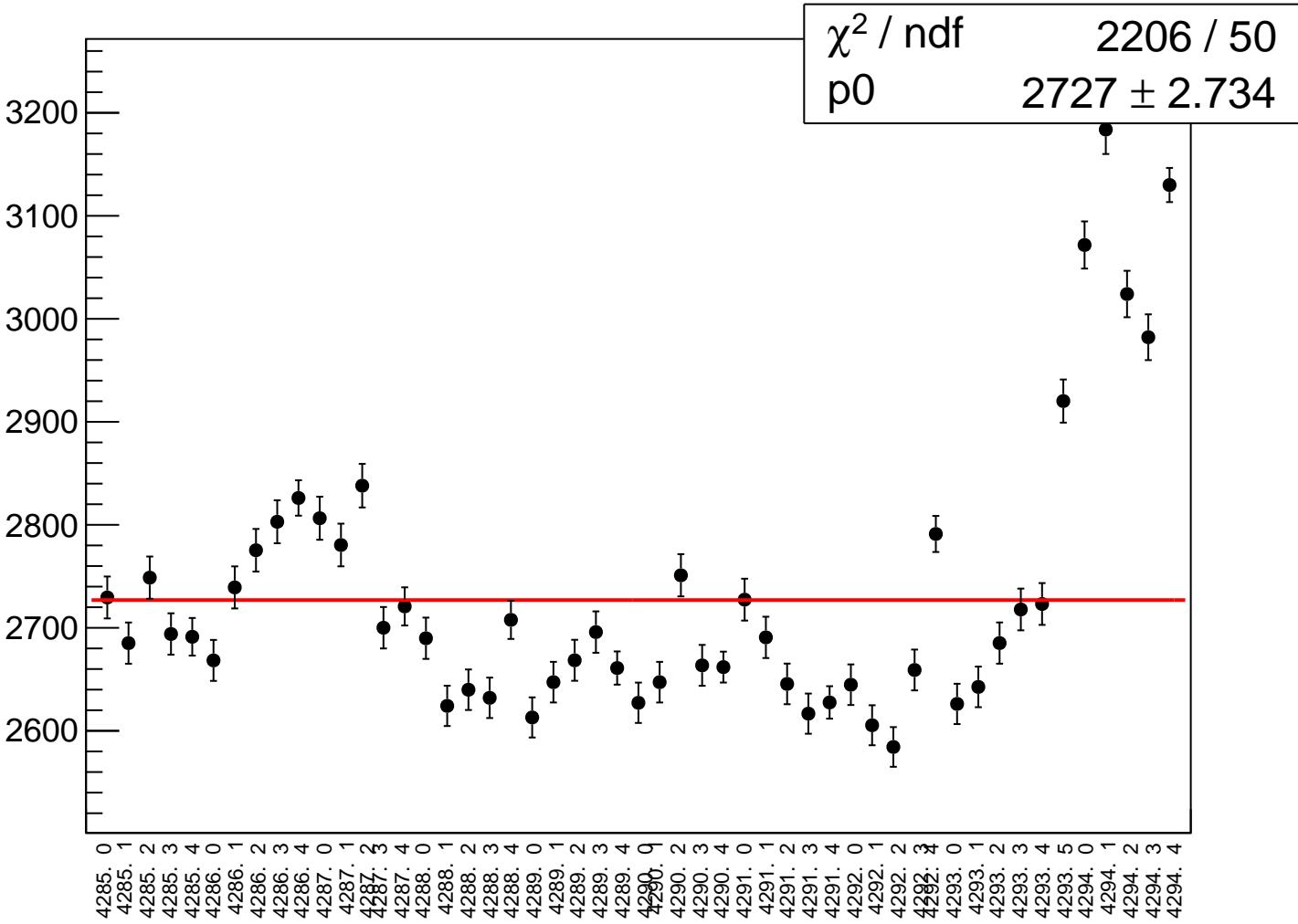
diff_bpm0I05X_rms vs run



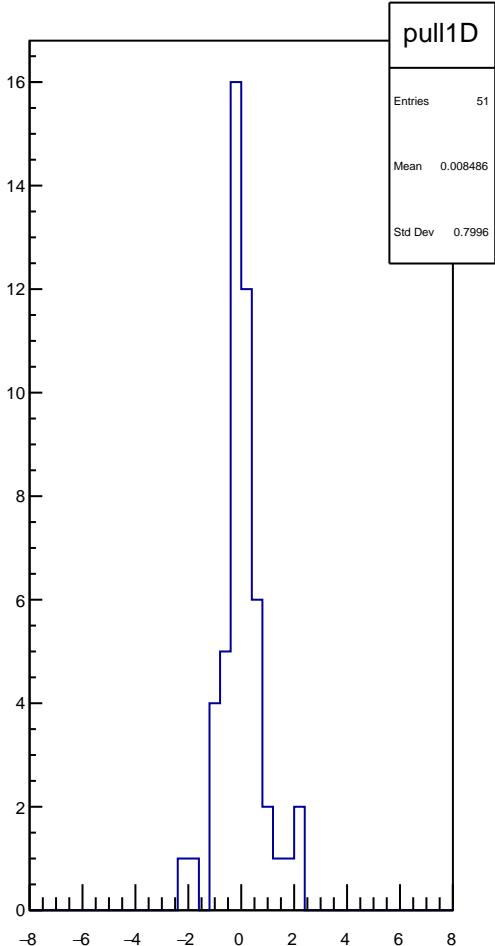
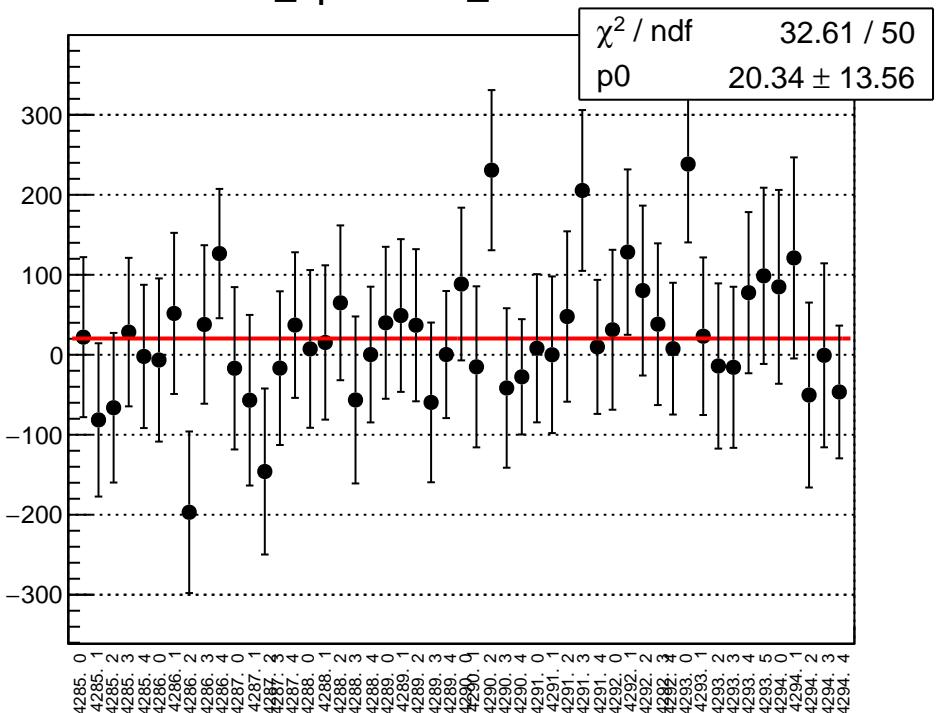
diff_bpm0l05Y_mean vs run



diff_bpm0I05Y_rms vs run



diff_bpm0l06X_mean vs run



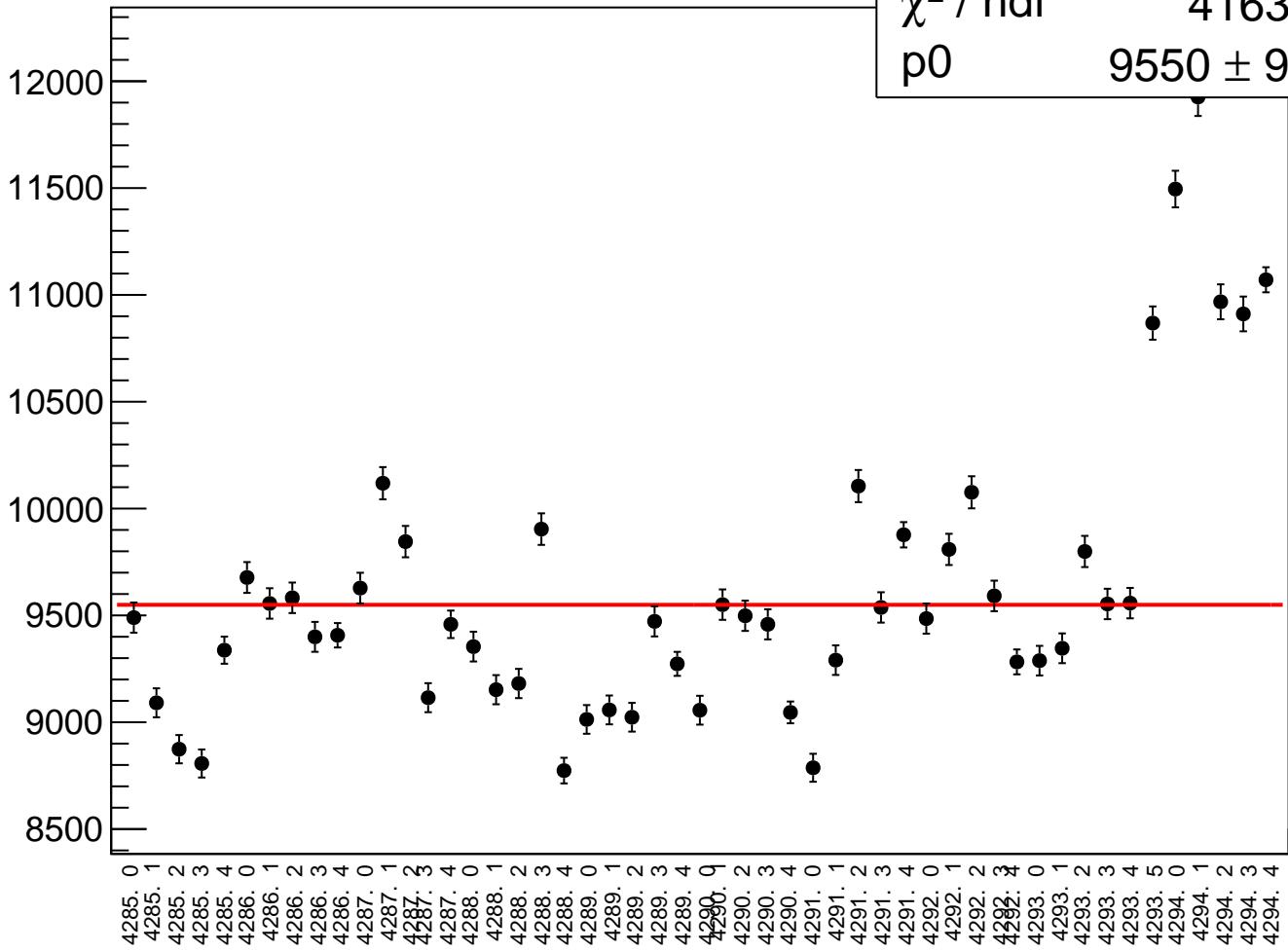
diff_bpmon06X_rms vs run

χ^2 / ndf

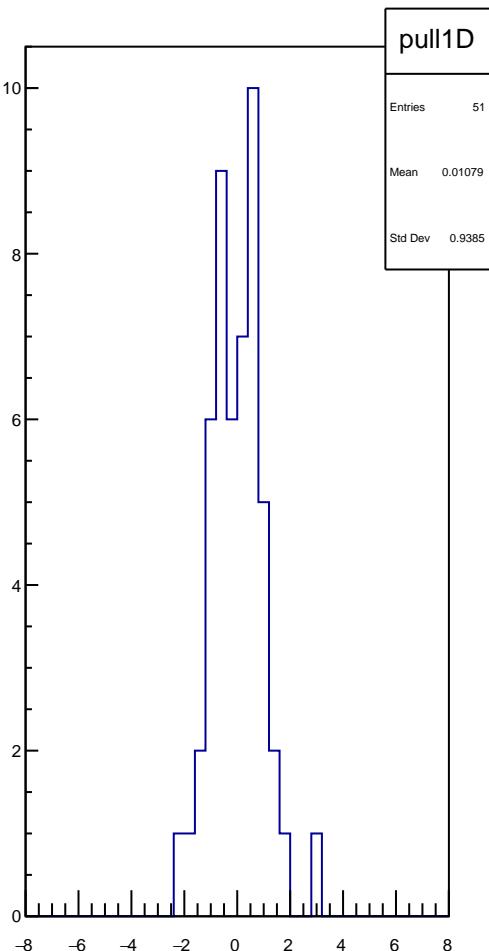
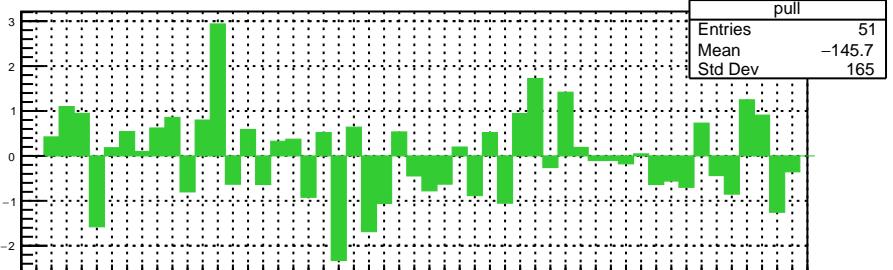
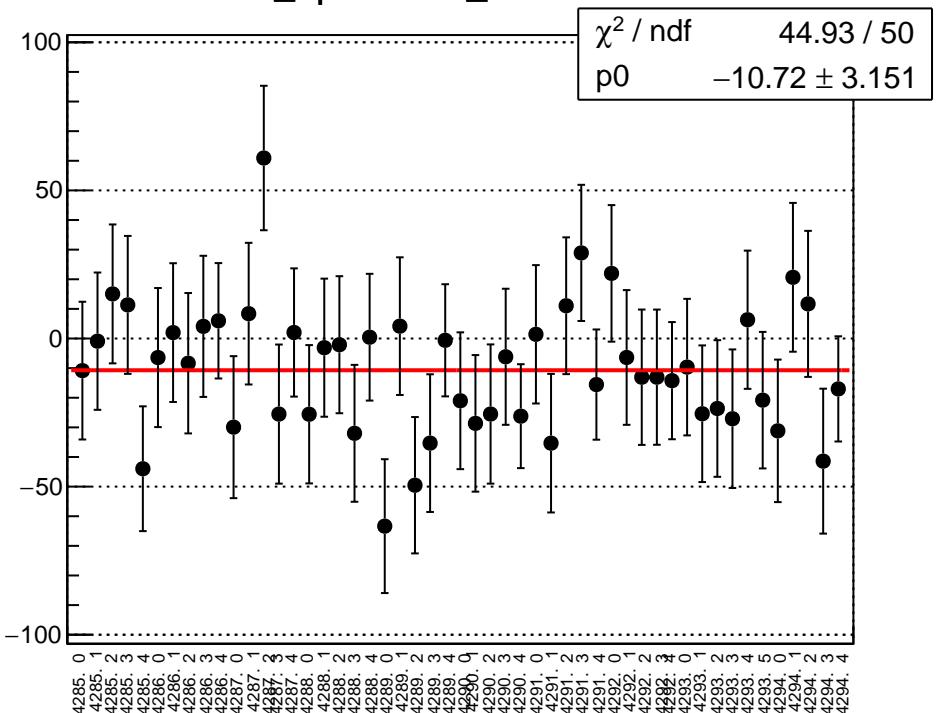
4163 / 50

p0

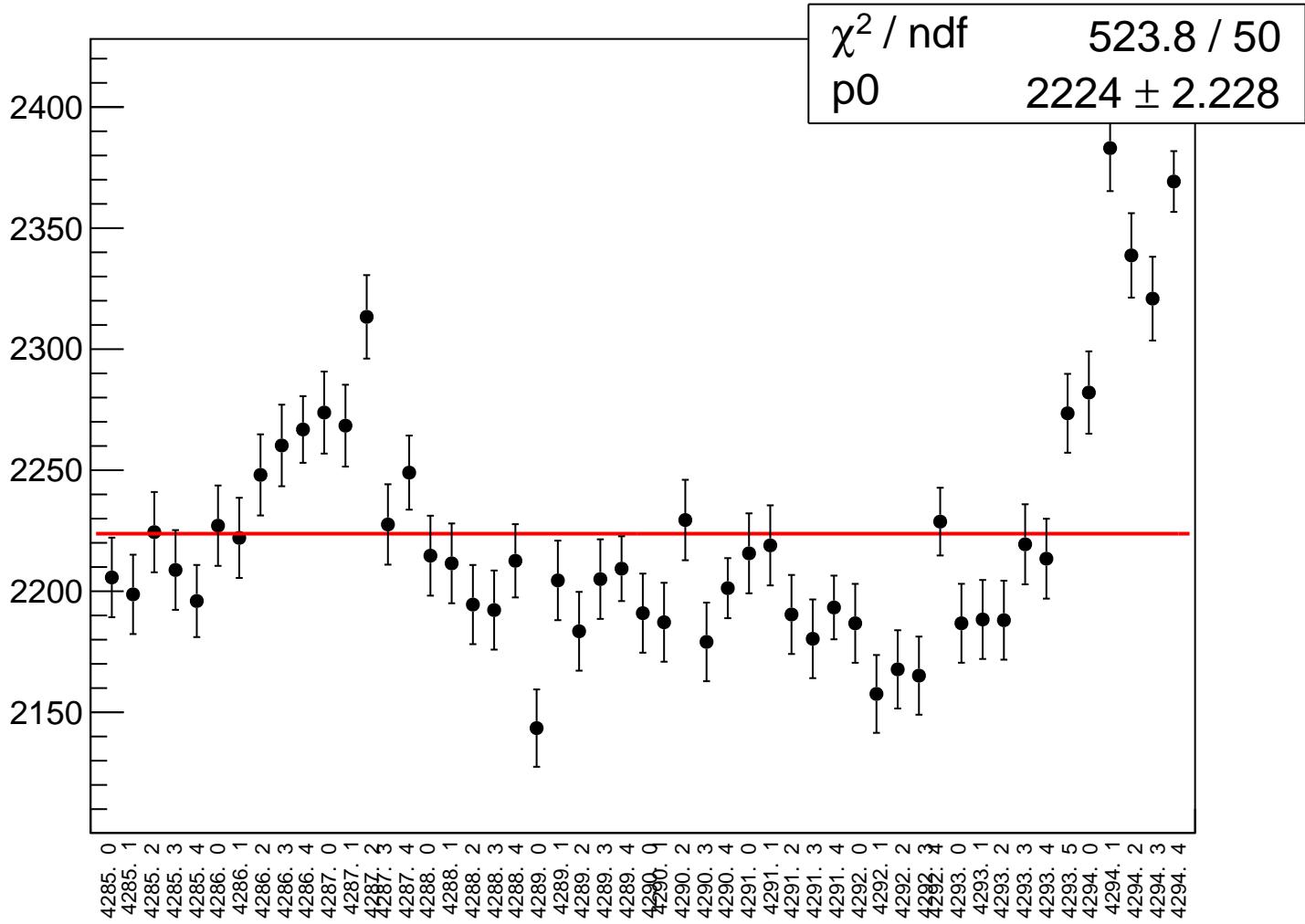
9550 ± 9.585



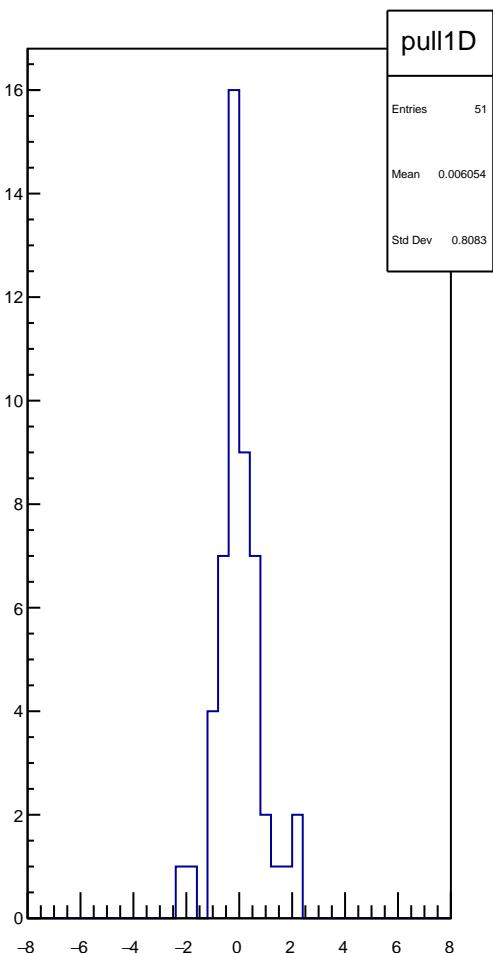
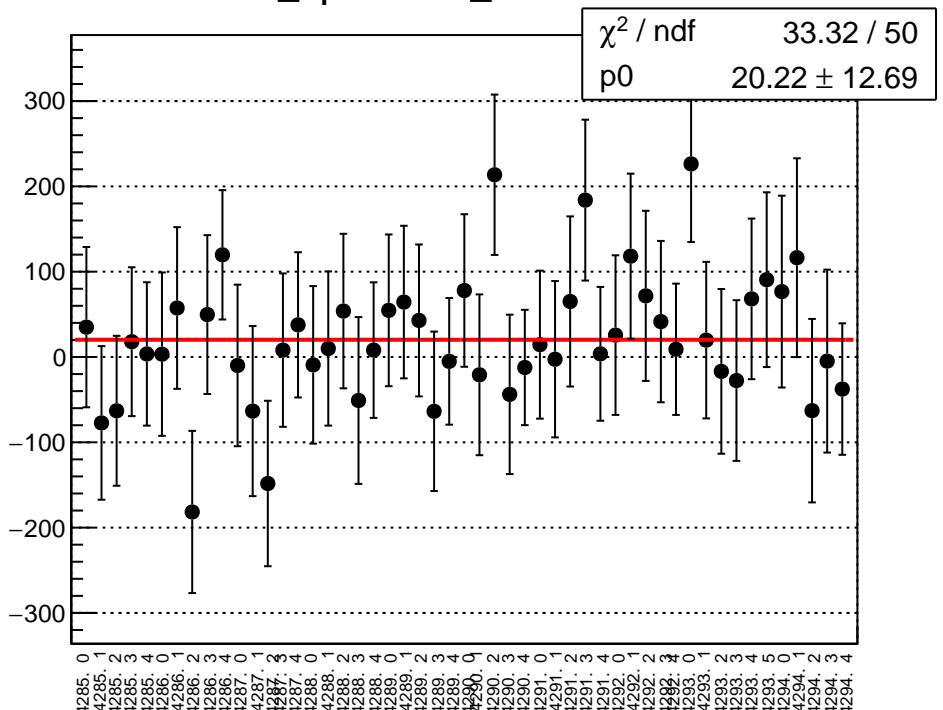
diff_bpm0l06Y_mean vs run



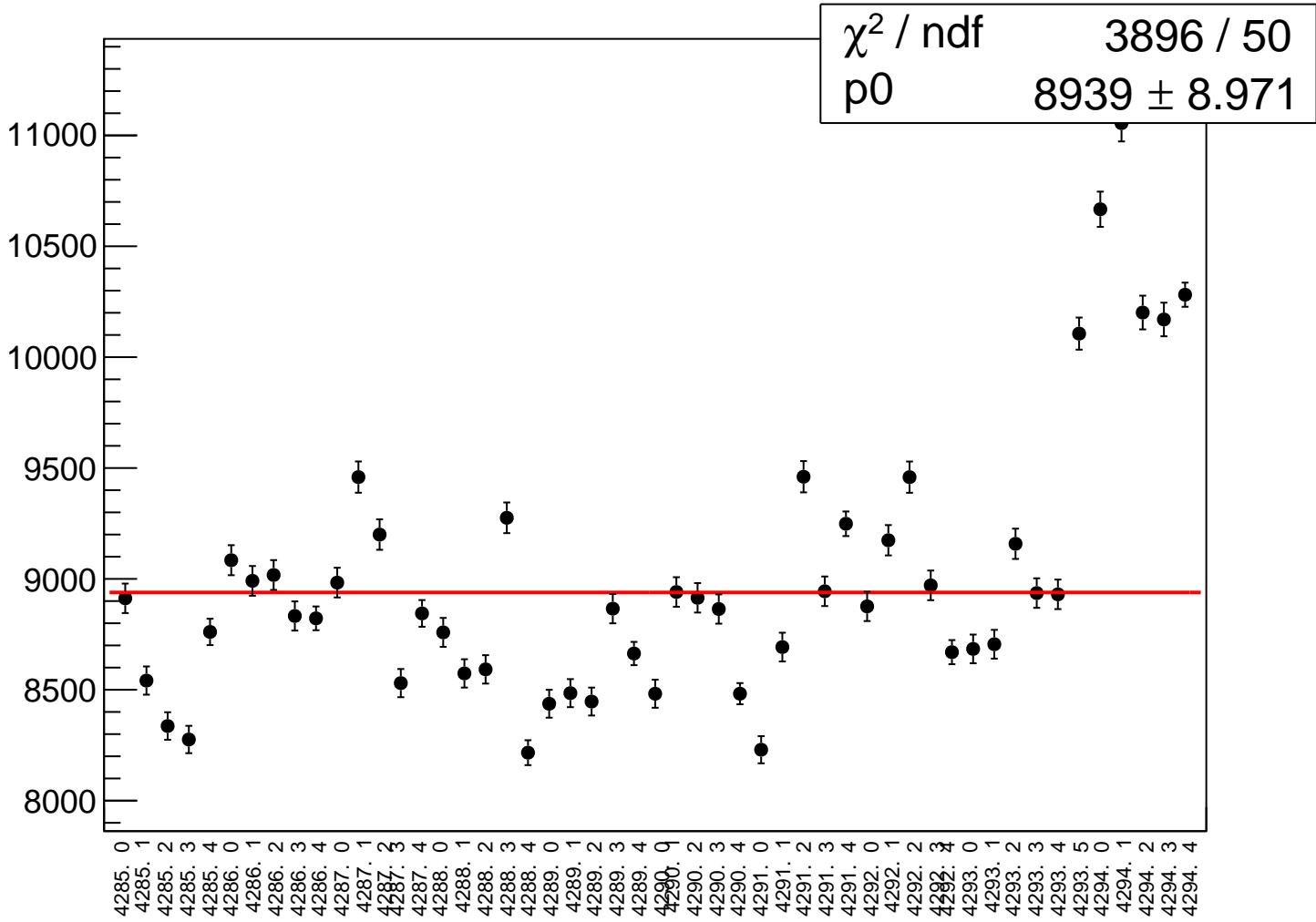
diff_bpm0I06Y_rms vs run



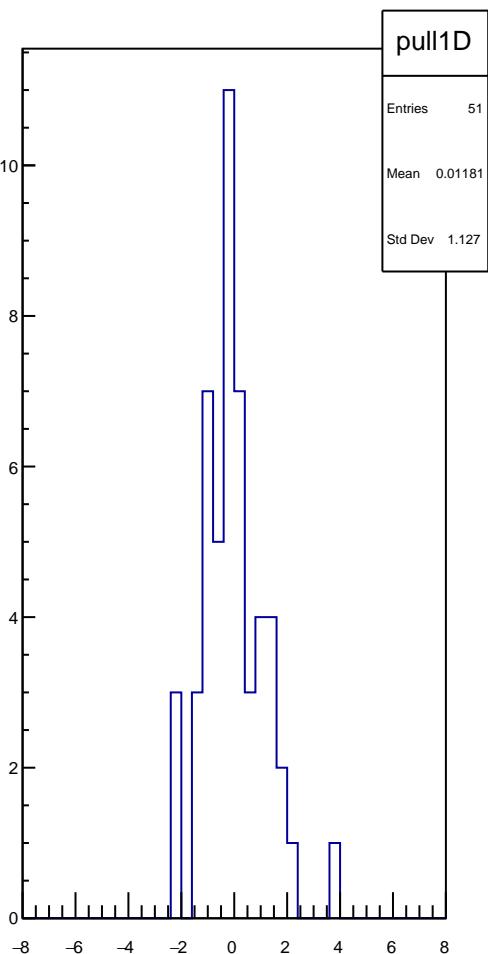
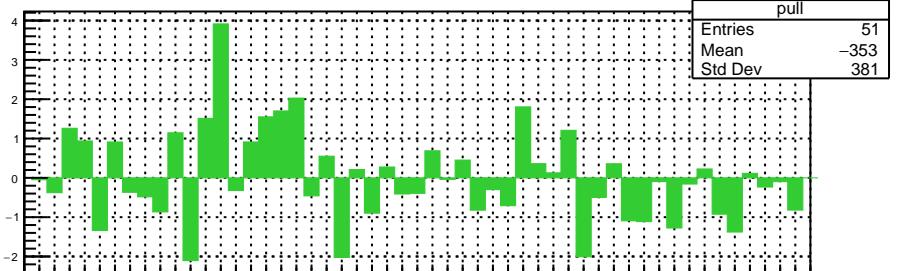
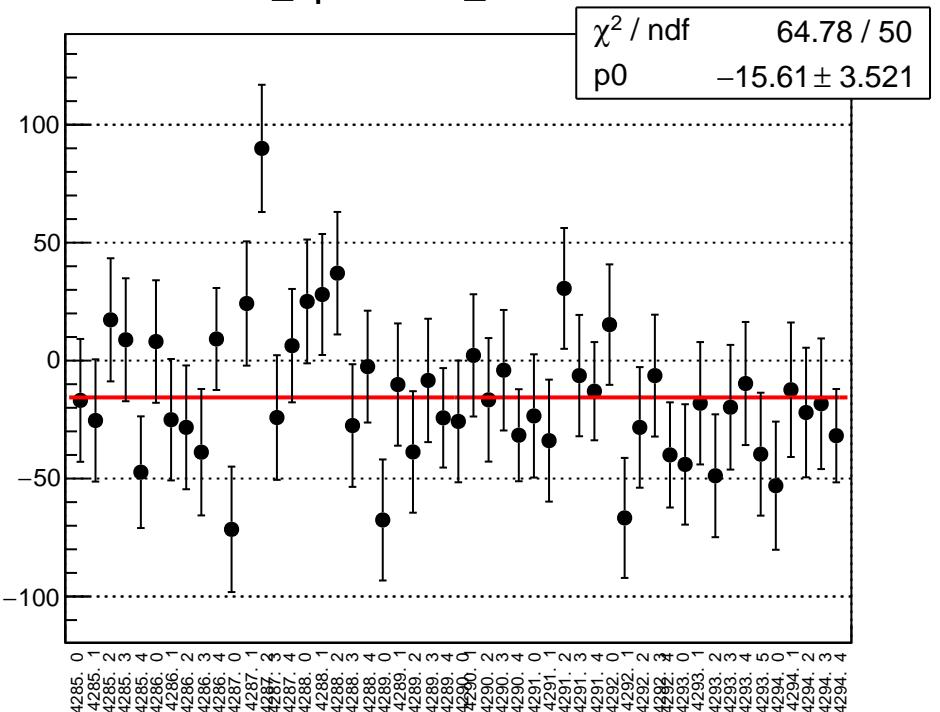
diff_bpm0l07X_mean vs run



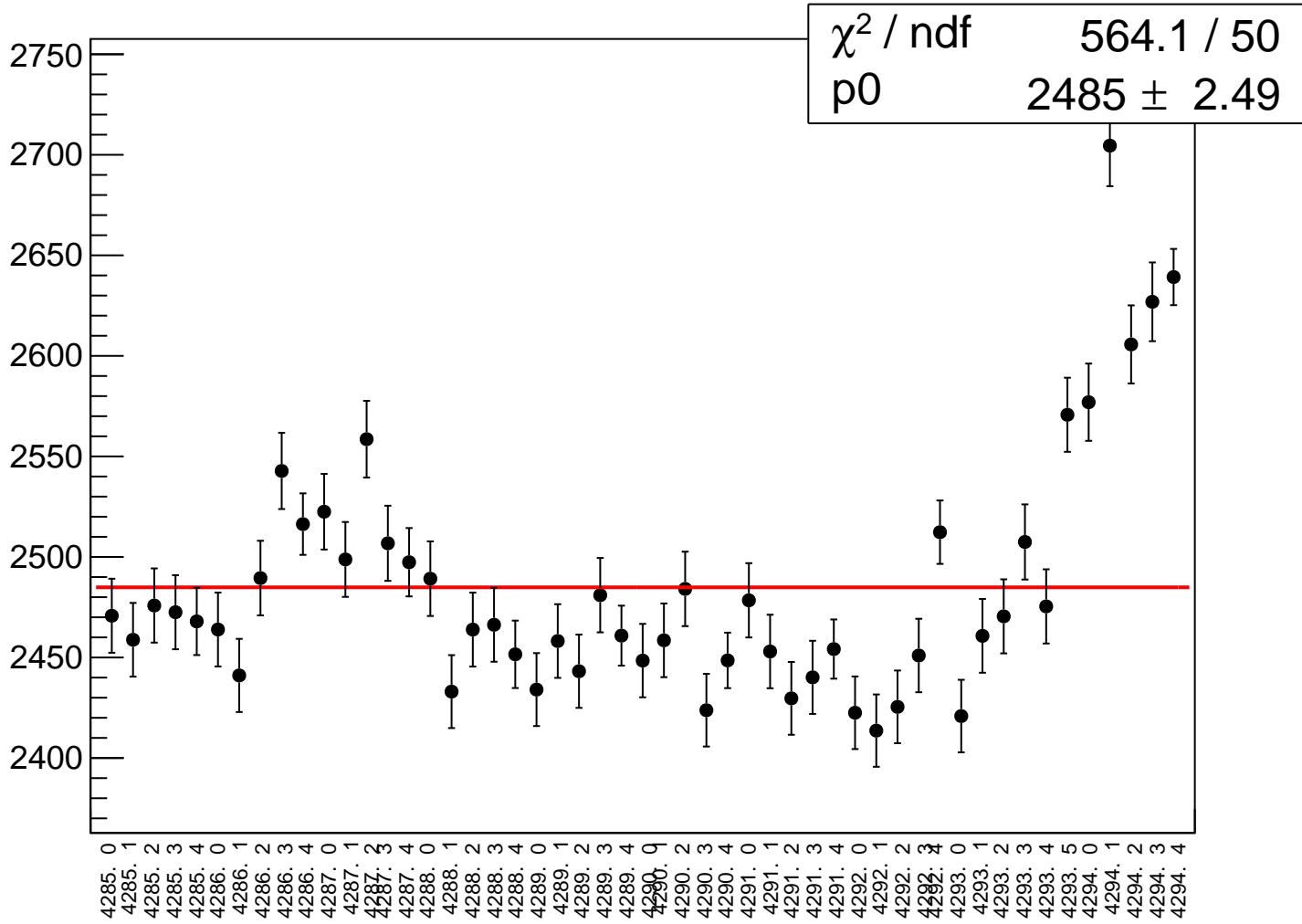
diff_bpmon07X_rms vs run



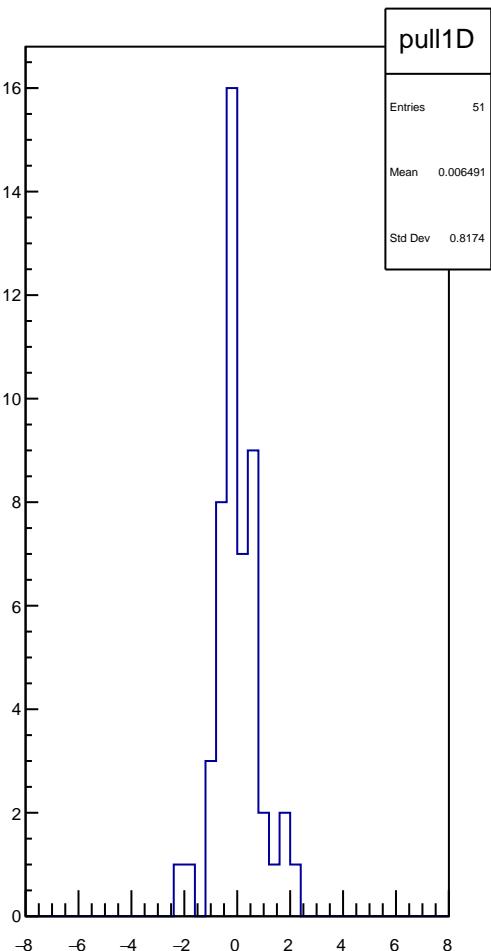
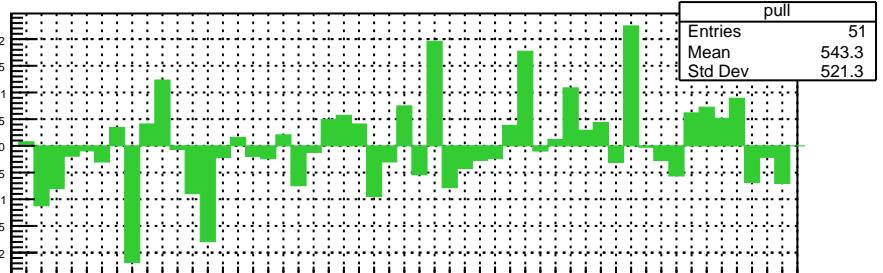
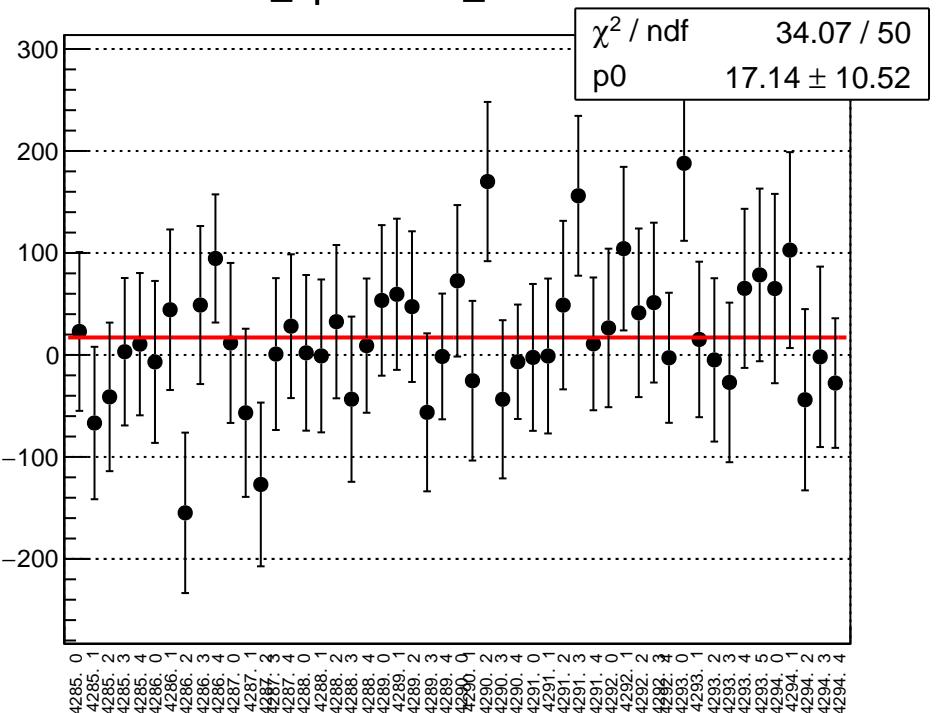
diff_bpm0l07Y_mean vs run



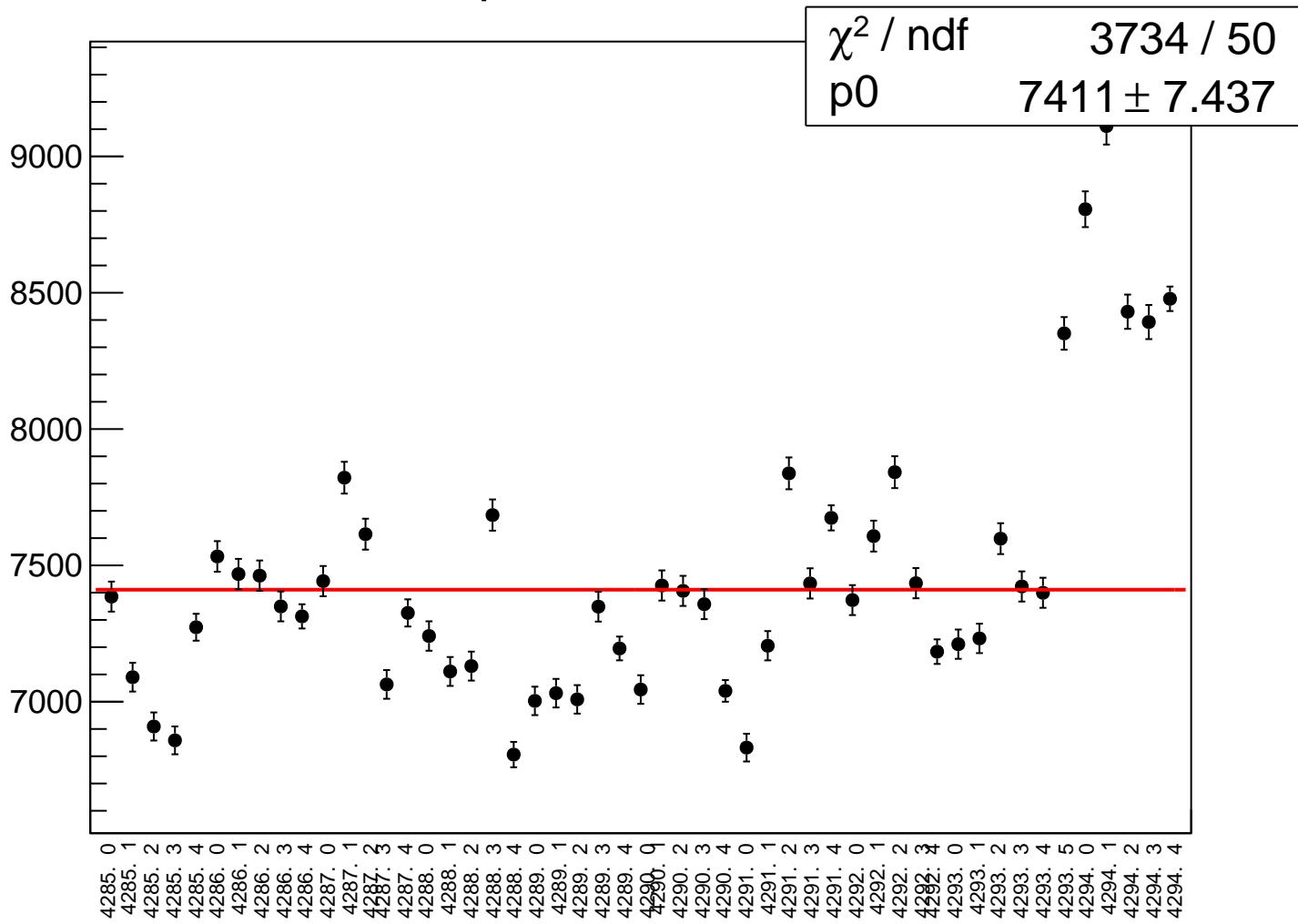
diff_bpm0I07Y_rms vs run



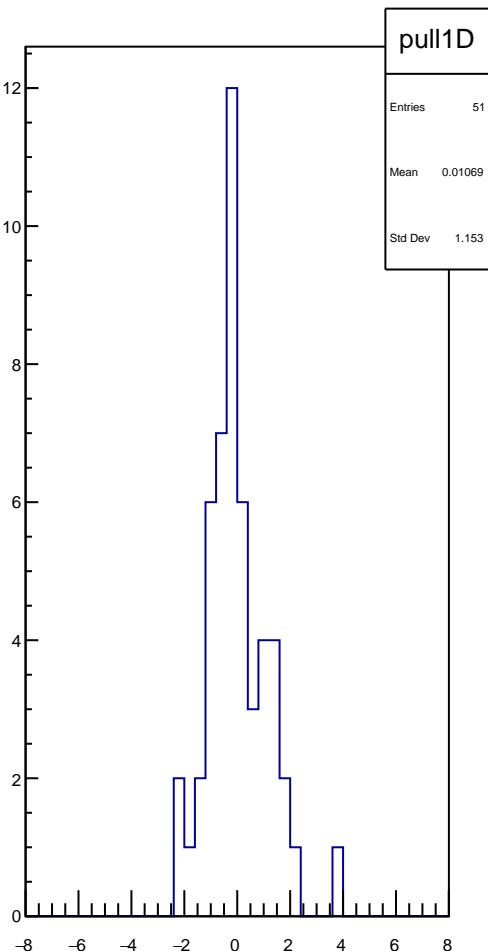
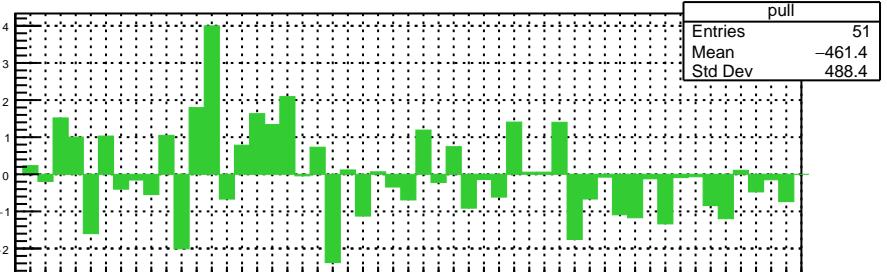
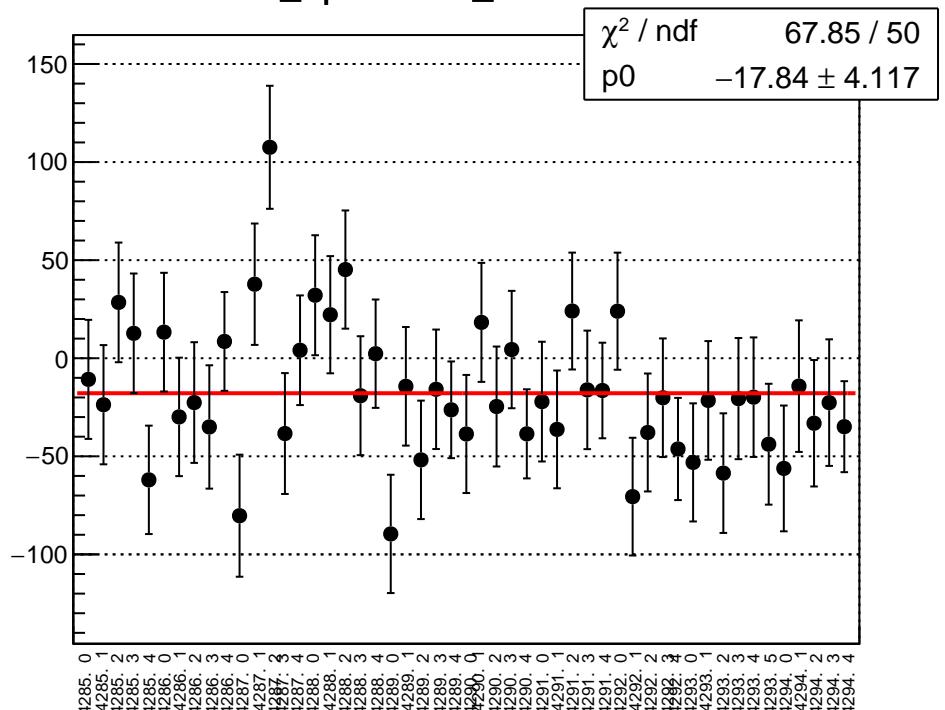
diff_bpm0l08X_mean vs run



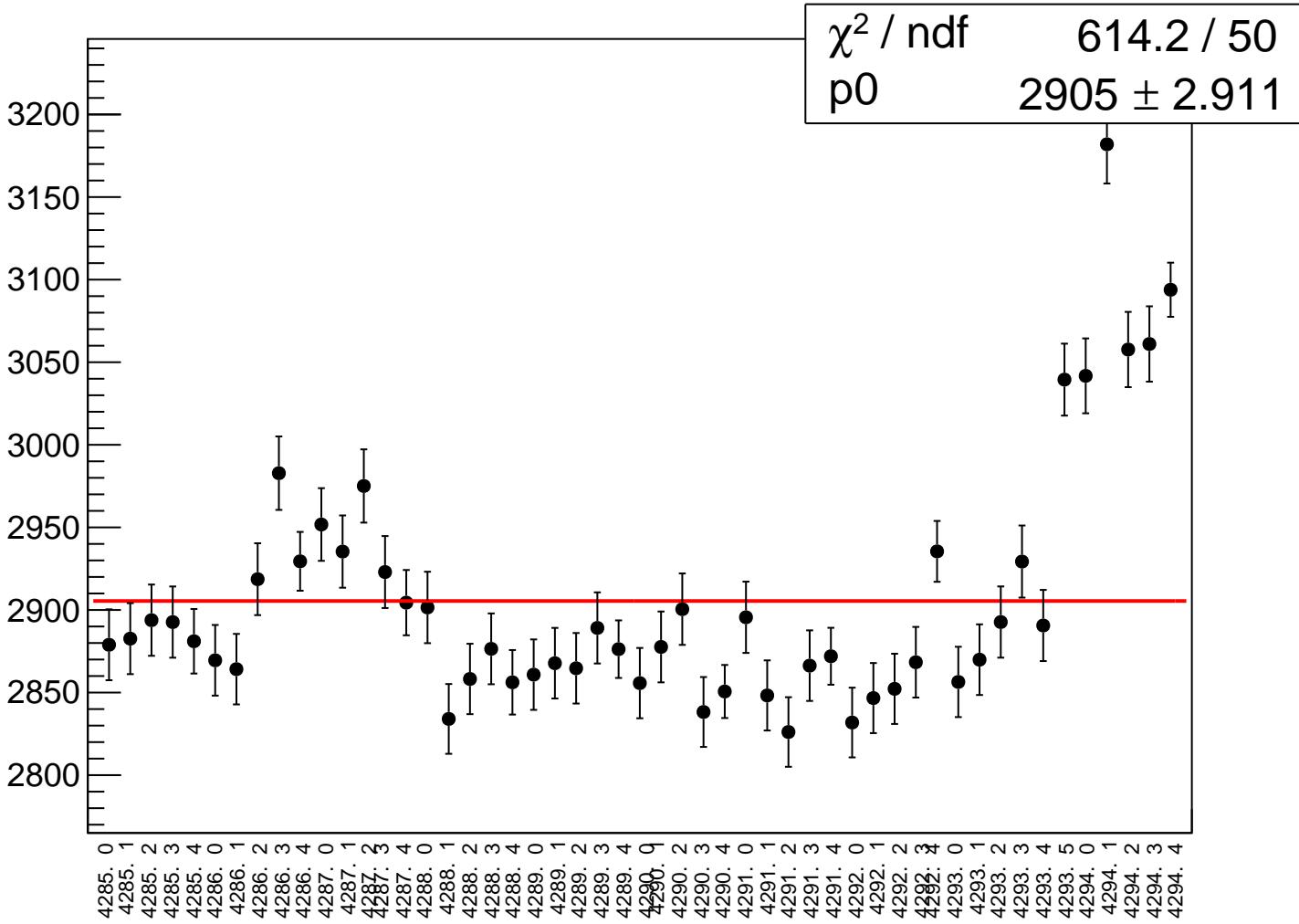
diff_bpm0I08X_rms vs run



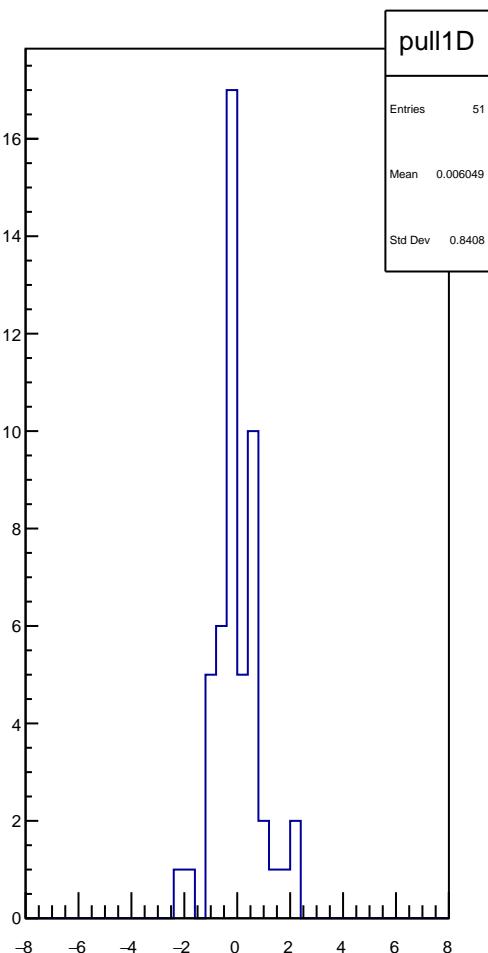
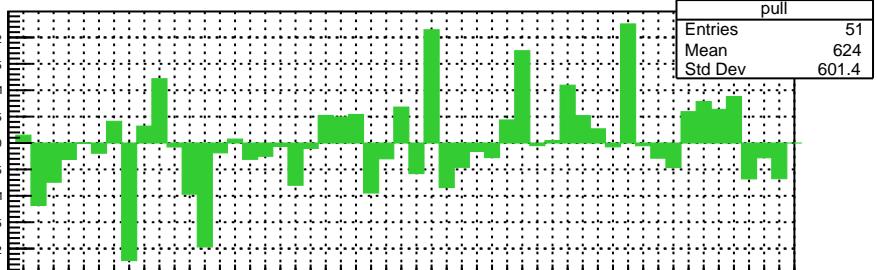
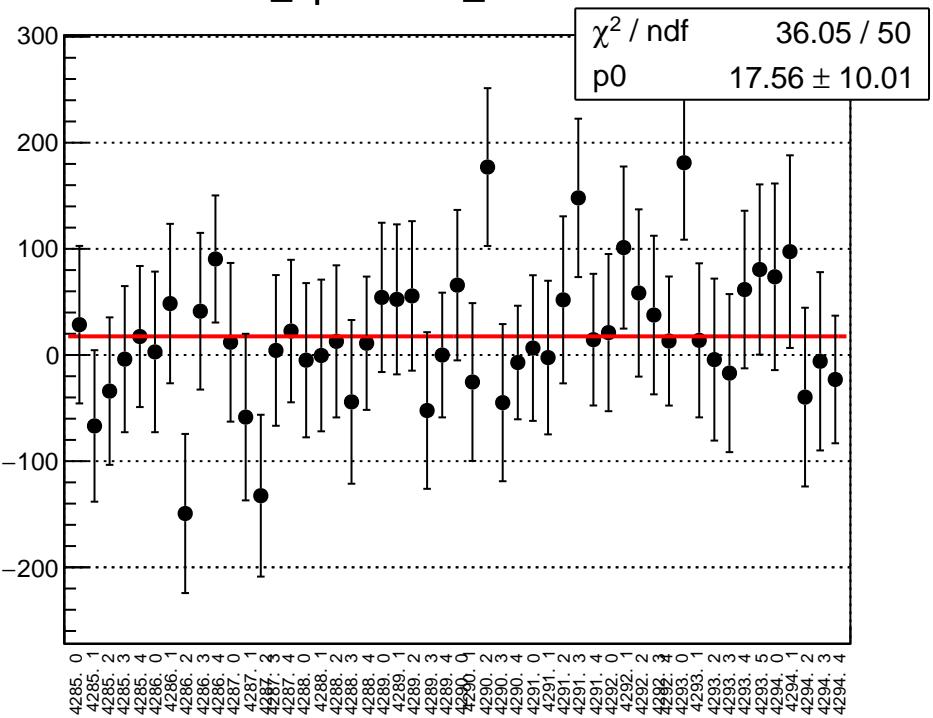
diff_bpm0l08Y_mean vs run



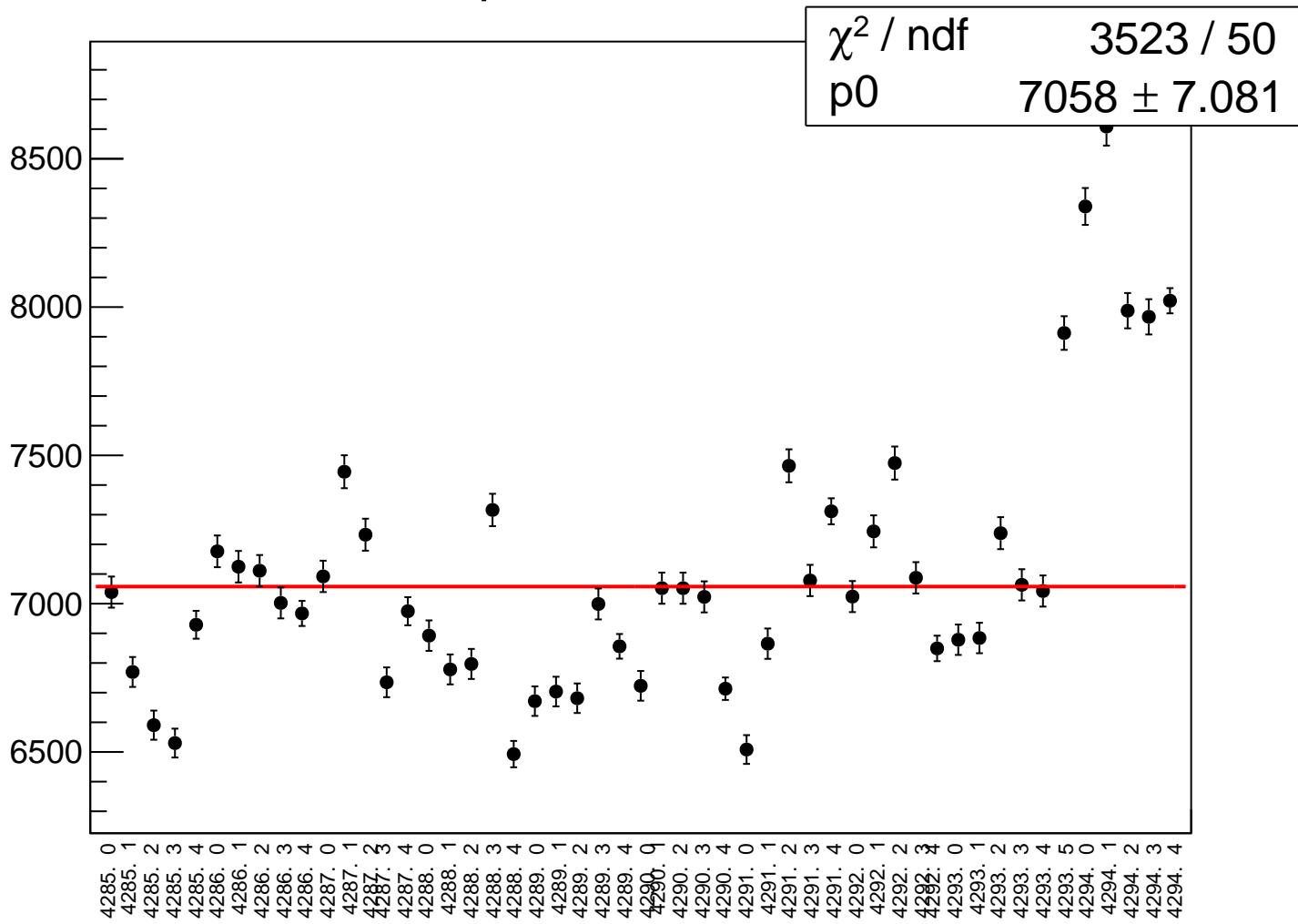
diff_bpm0I08Y_rms vs run



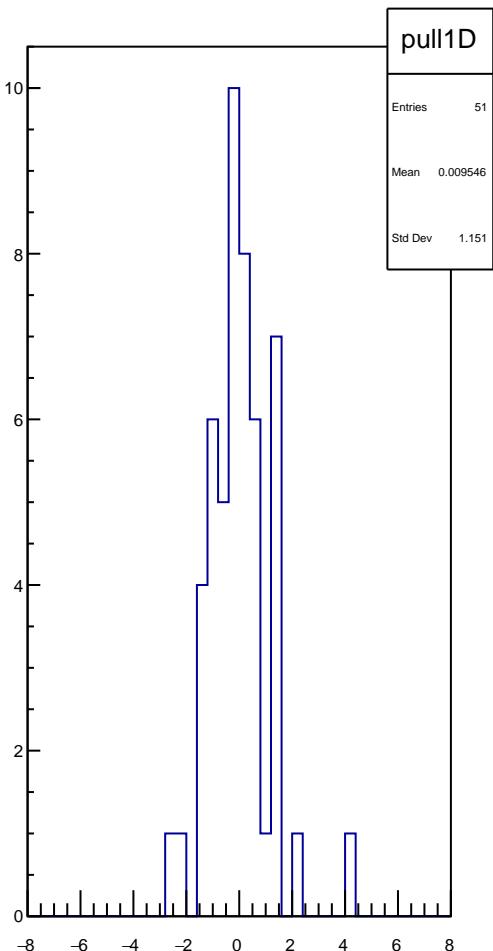
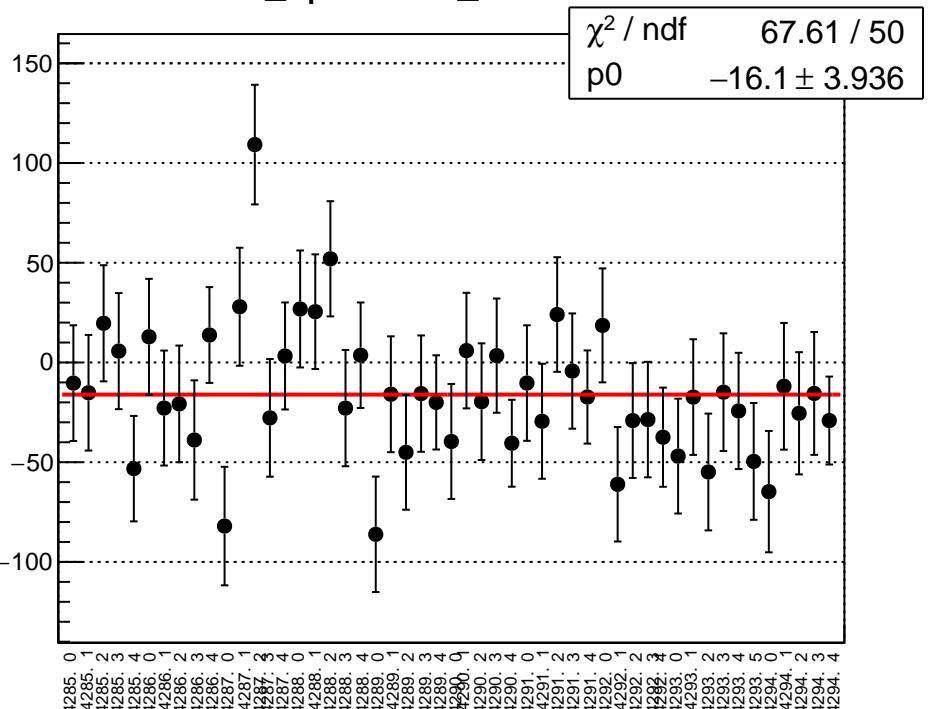
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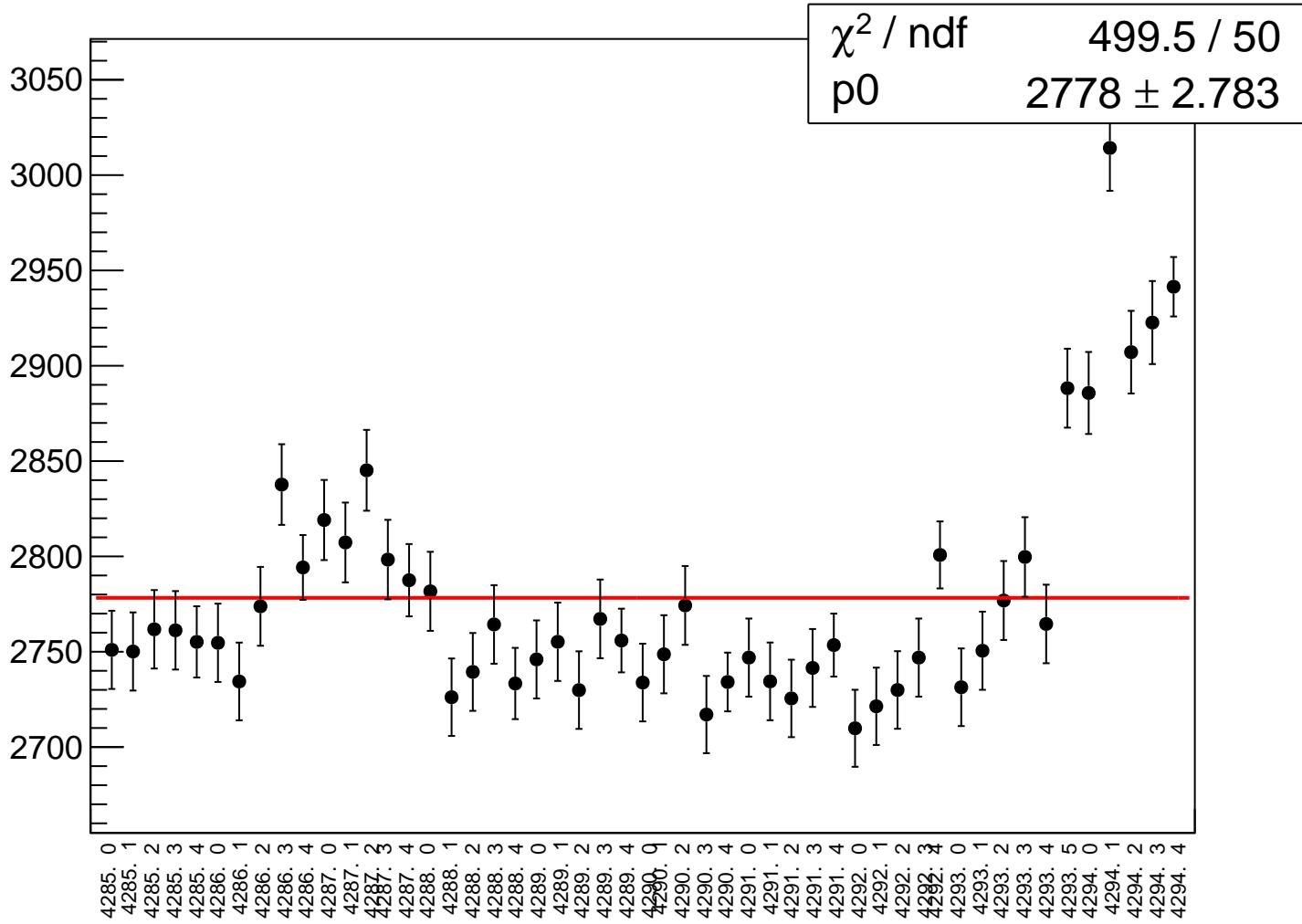
diff_bpm0I09X_rms vs run



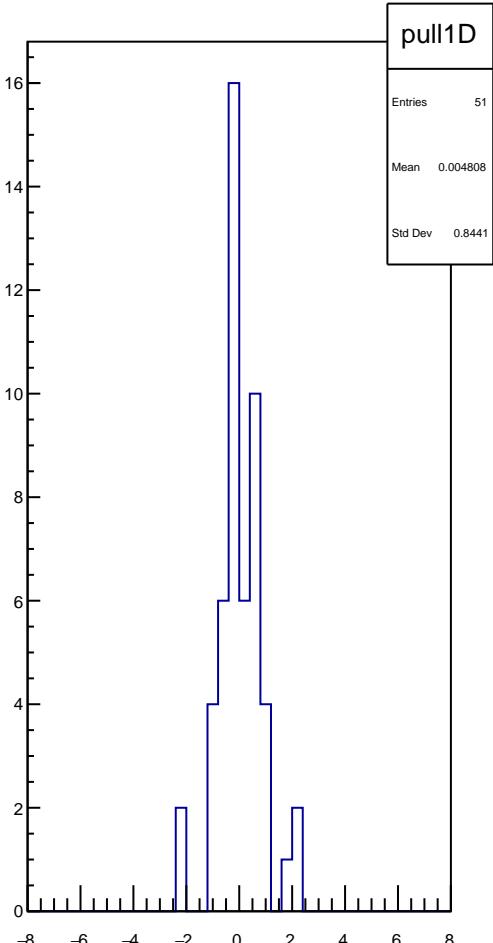
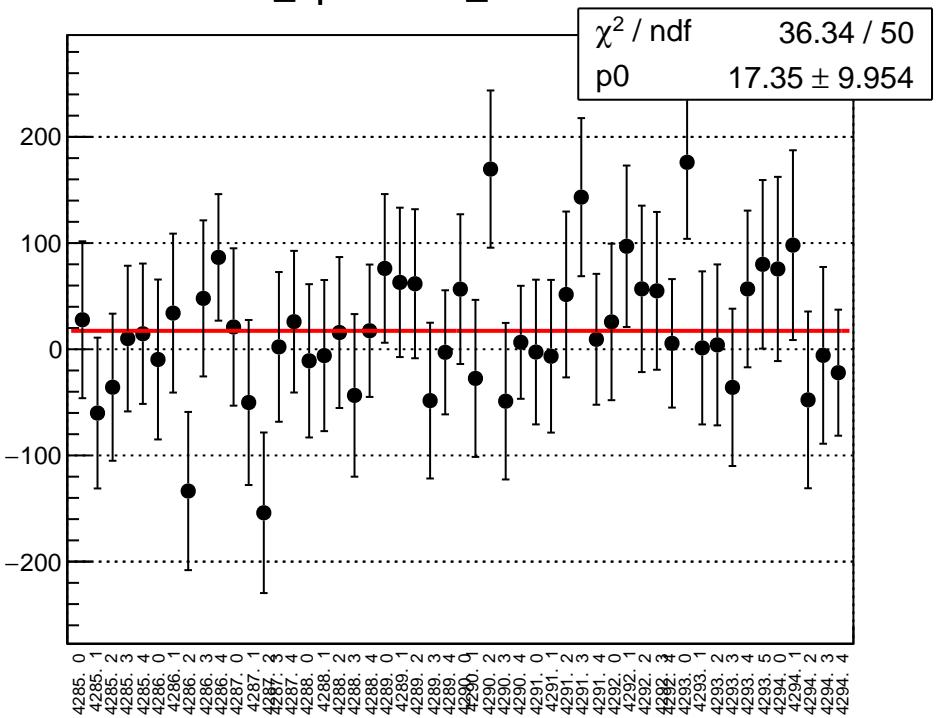
diff_bpm0l09Y_mean vs run



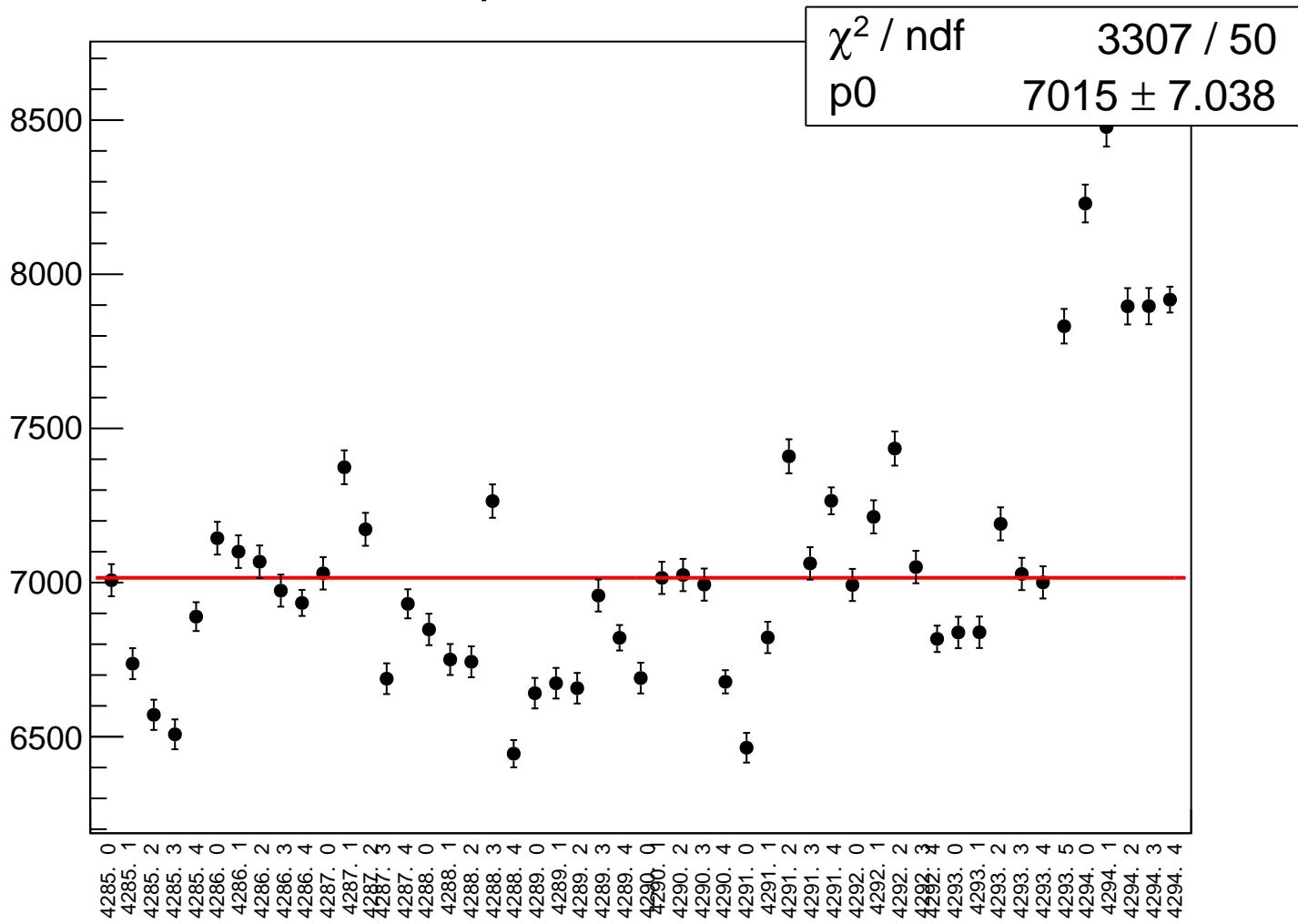
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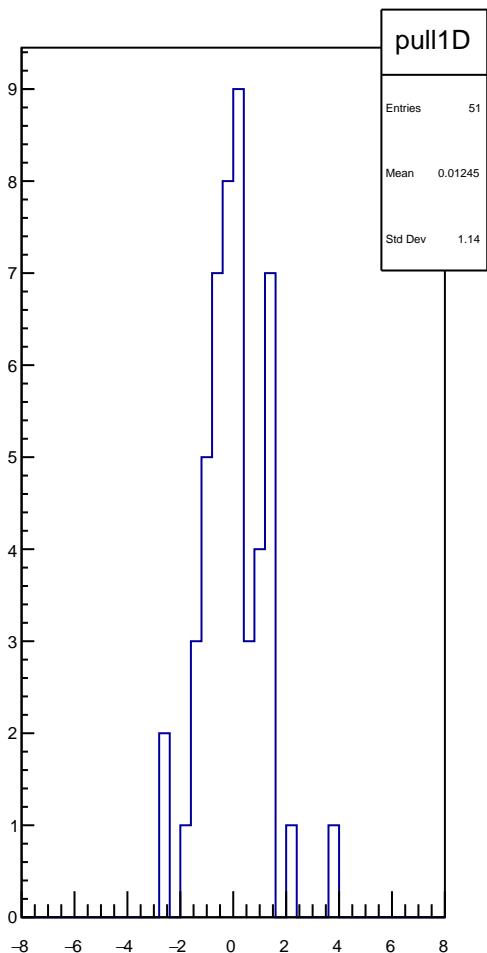
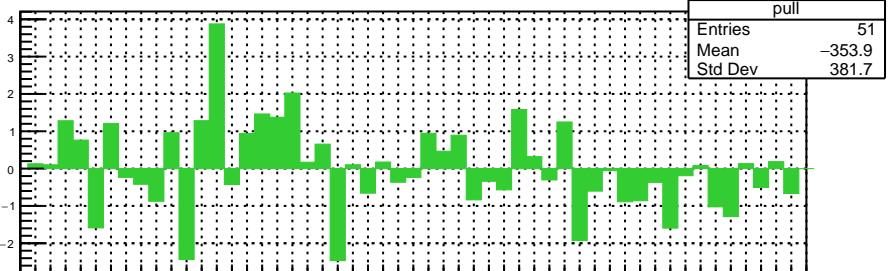
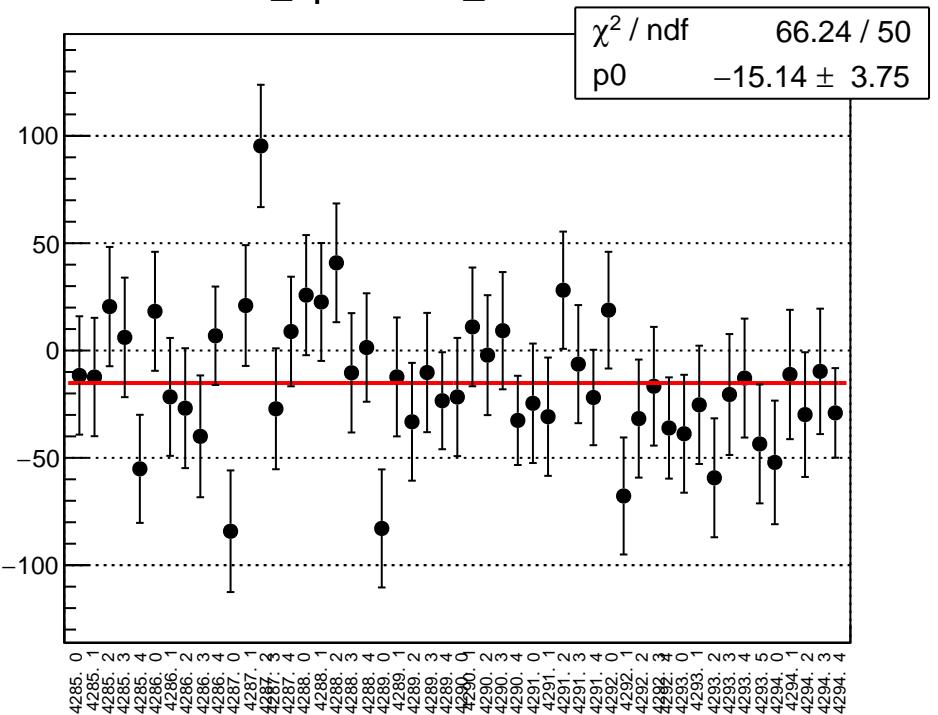
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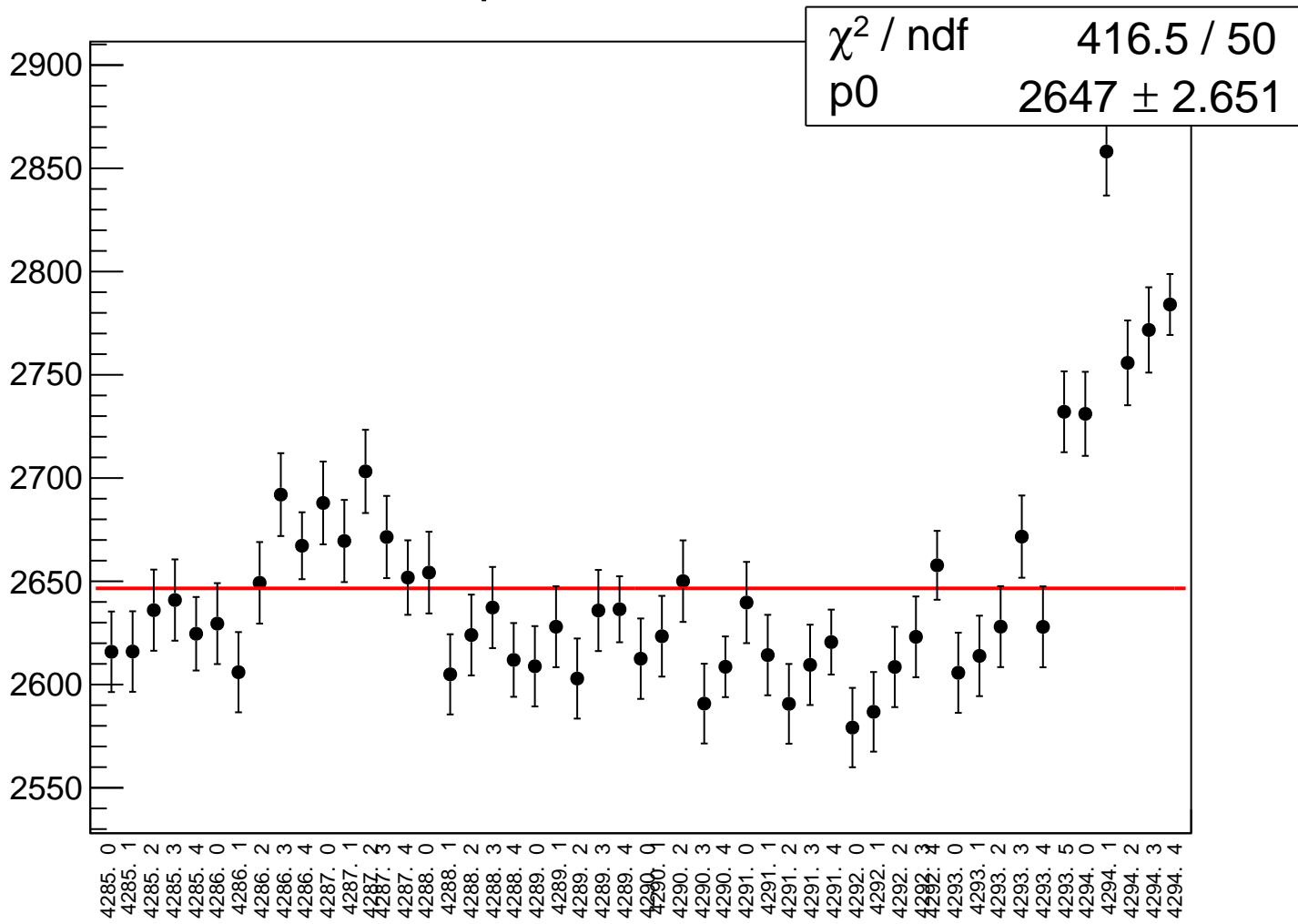
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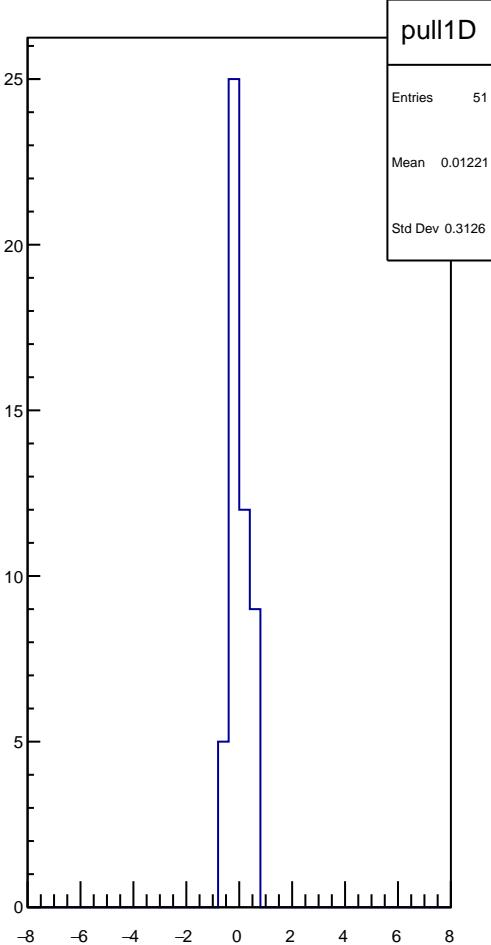
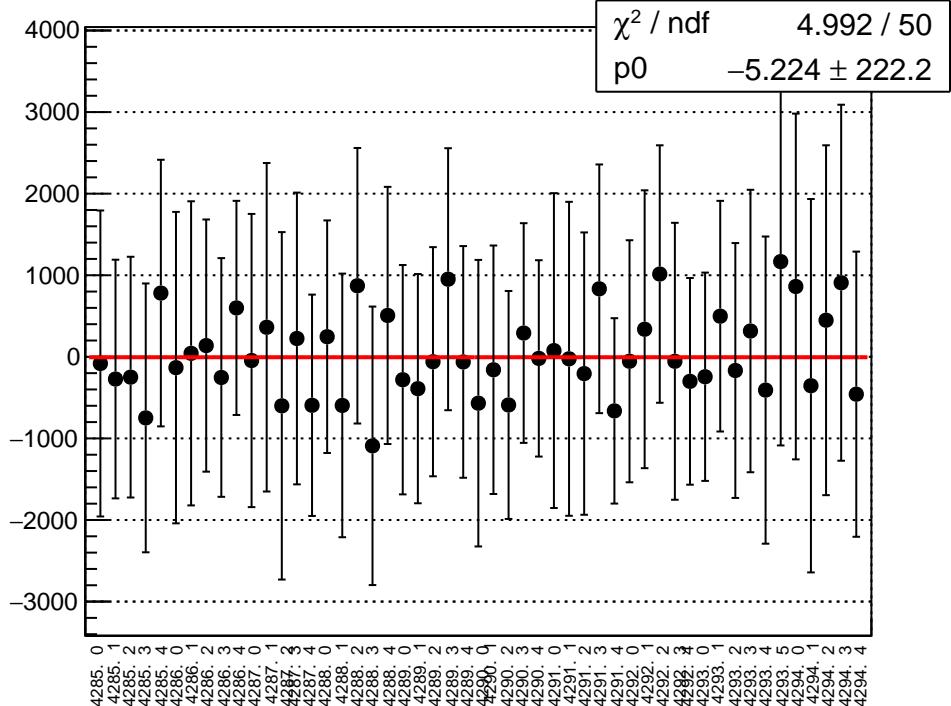
diff_bpm0I10Y_mean vs run



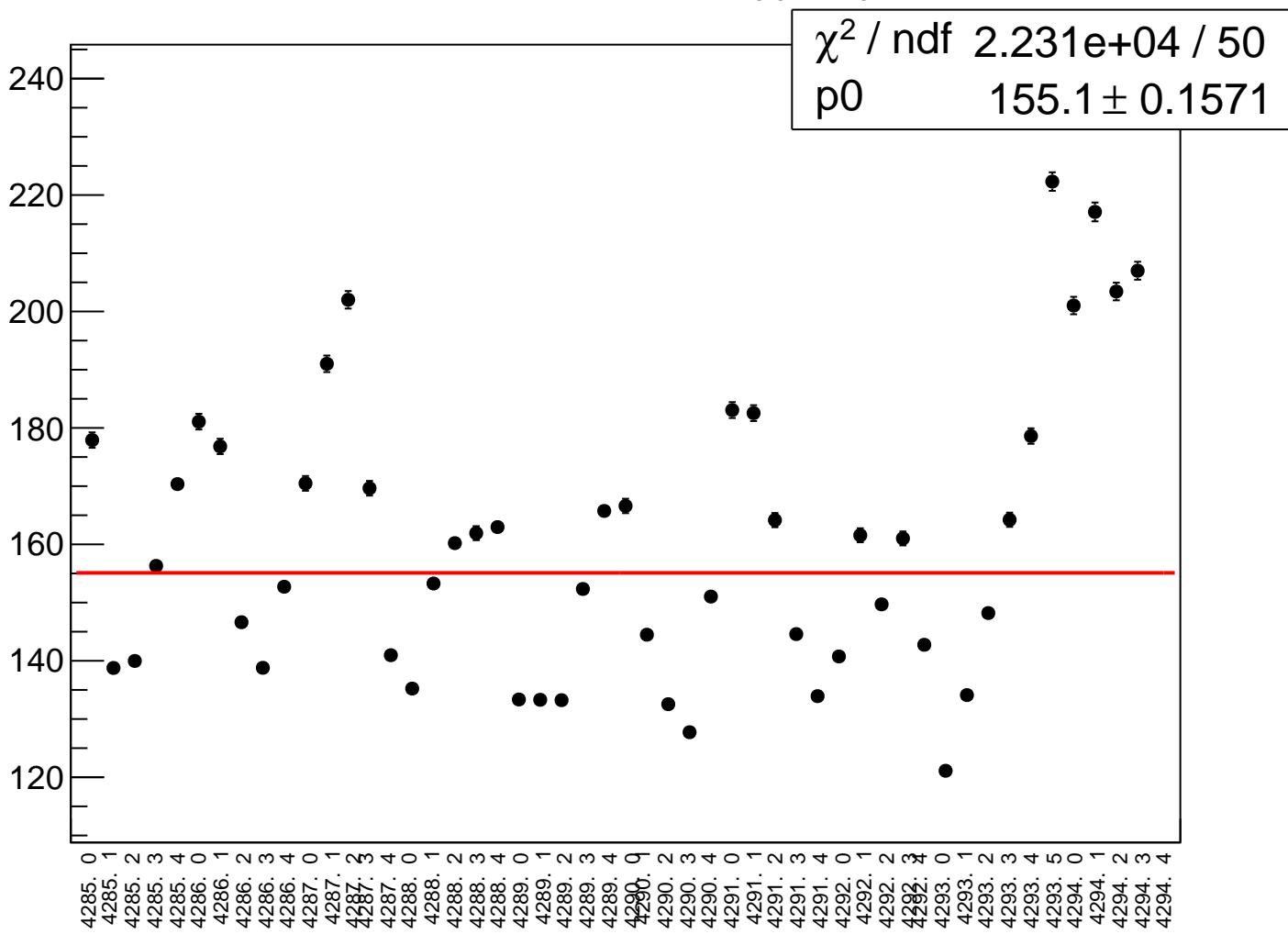
diff_bpm0I10Y_rms vs run



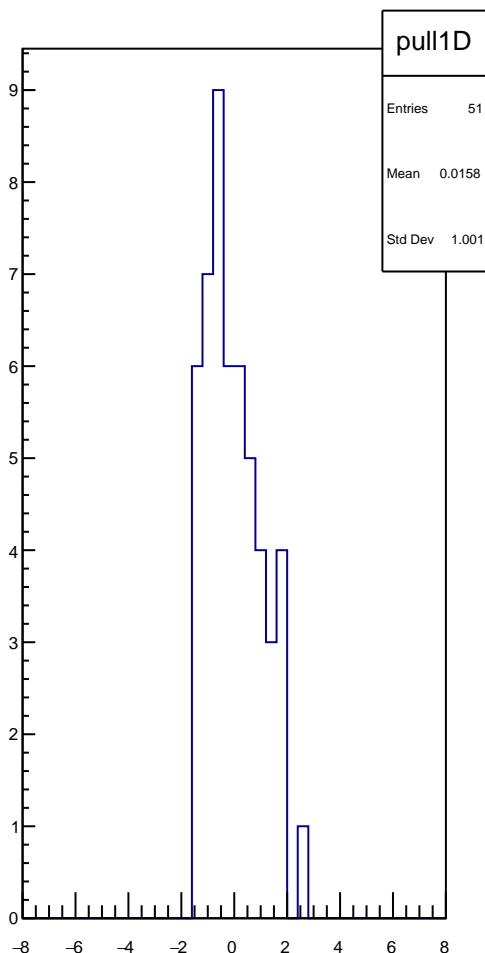
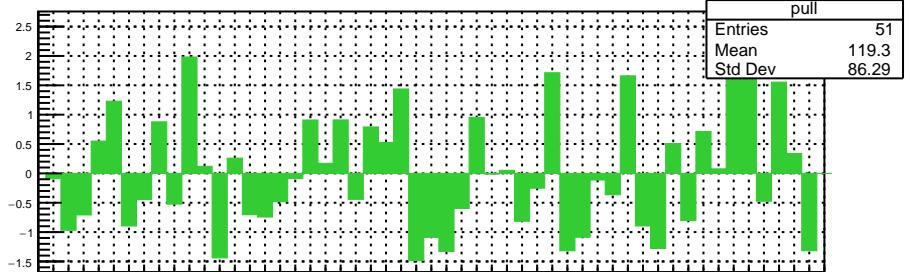
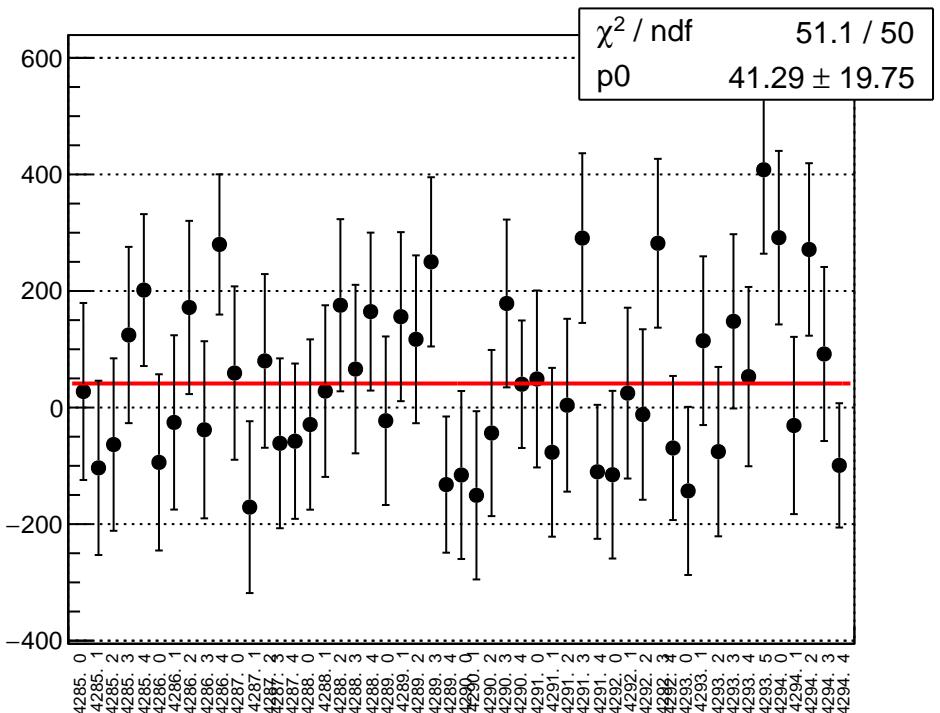
asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs run



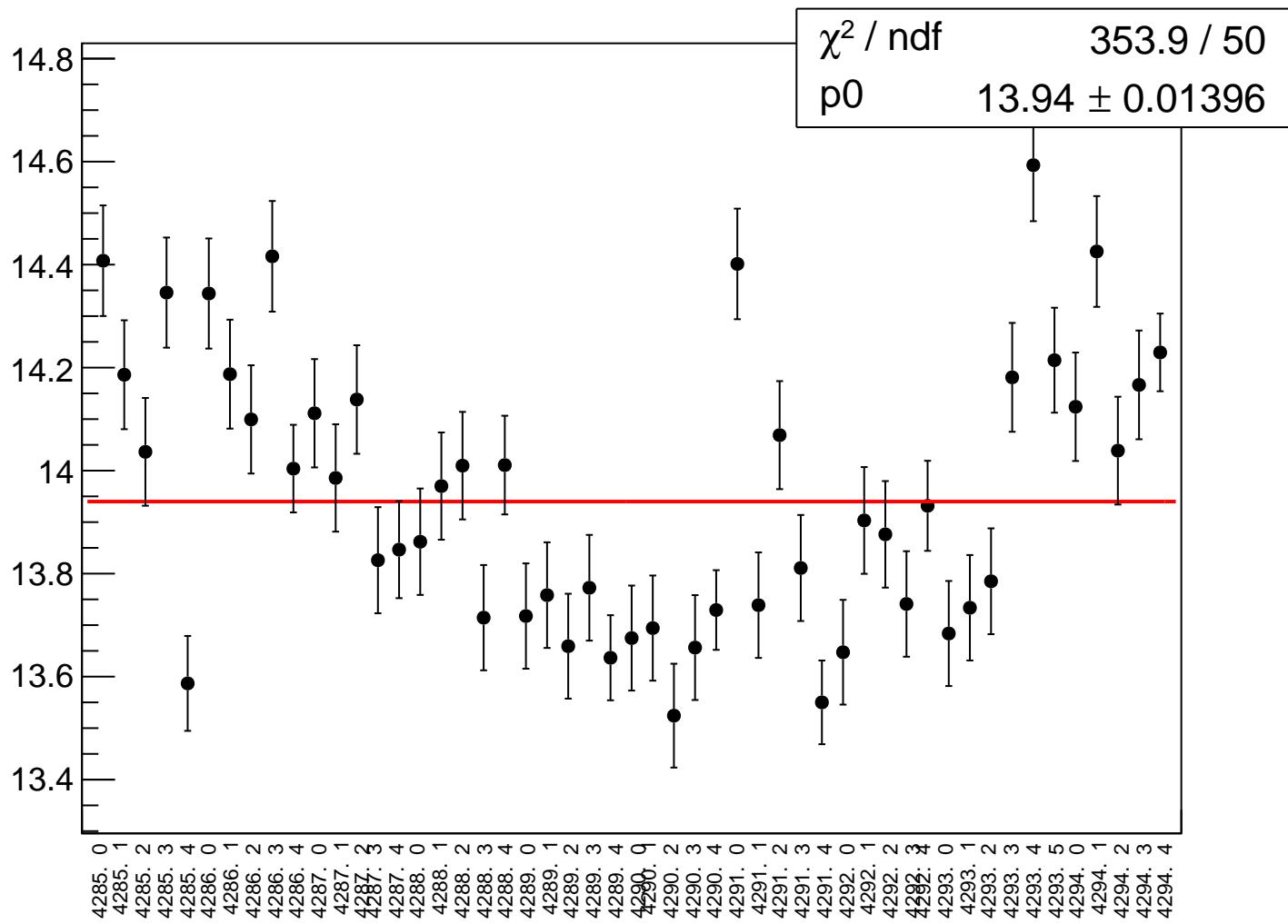
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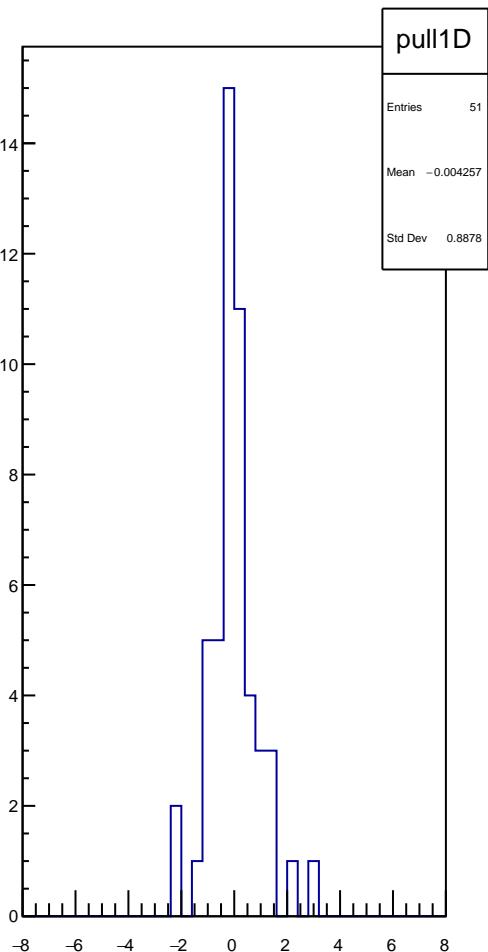
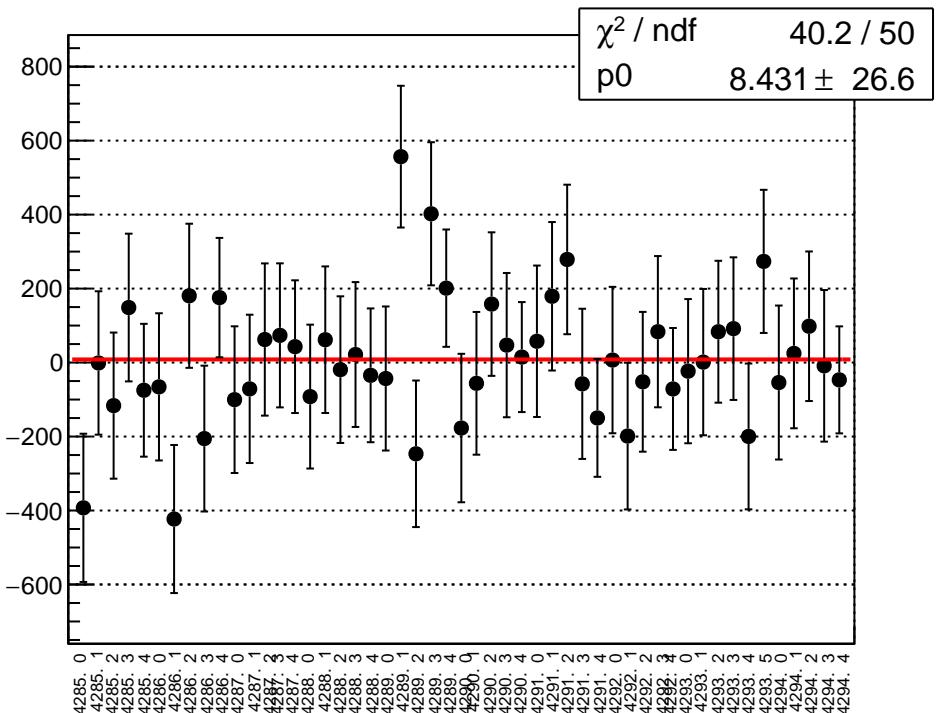
asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs run



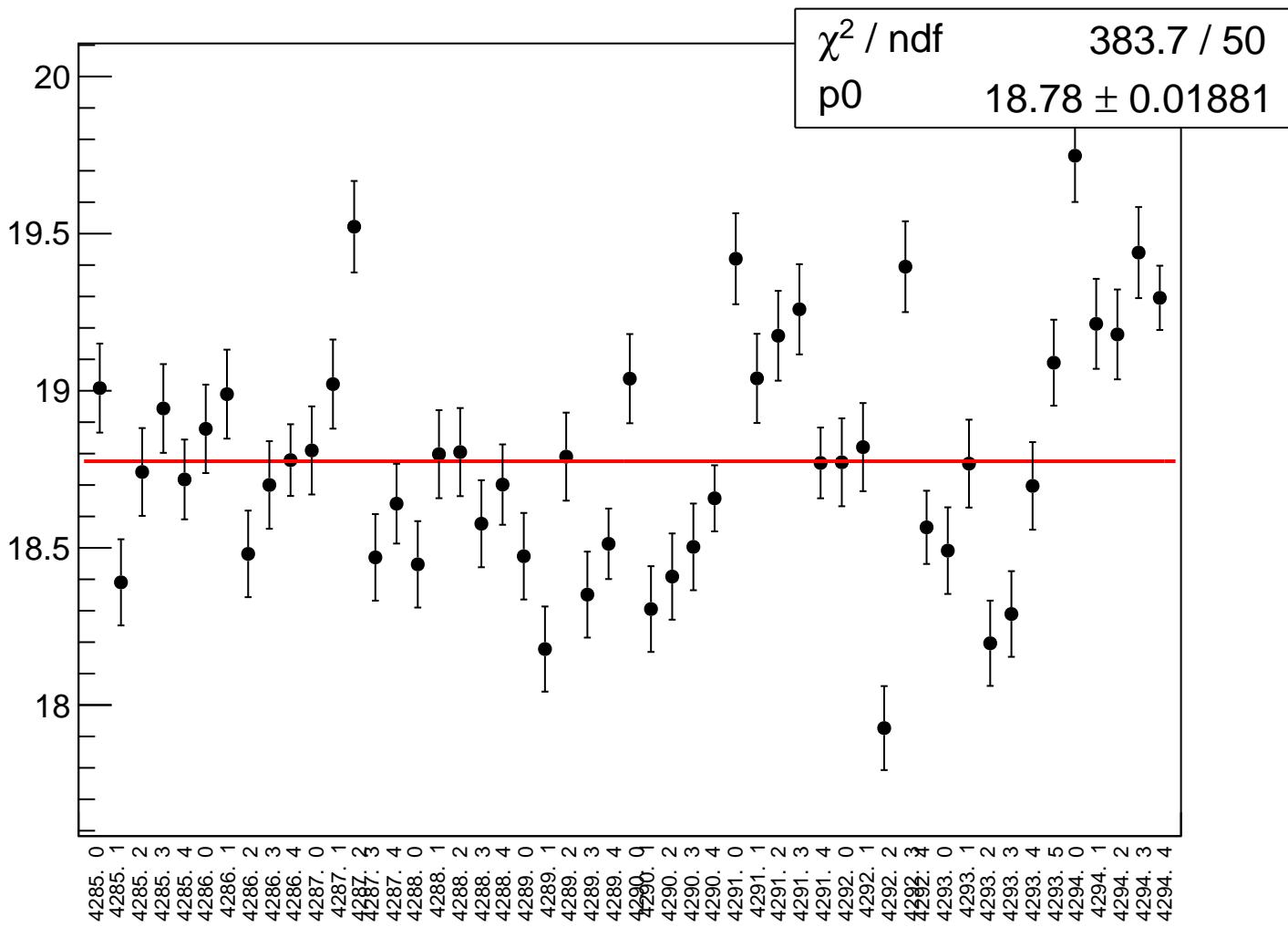
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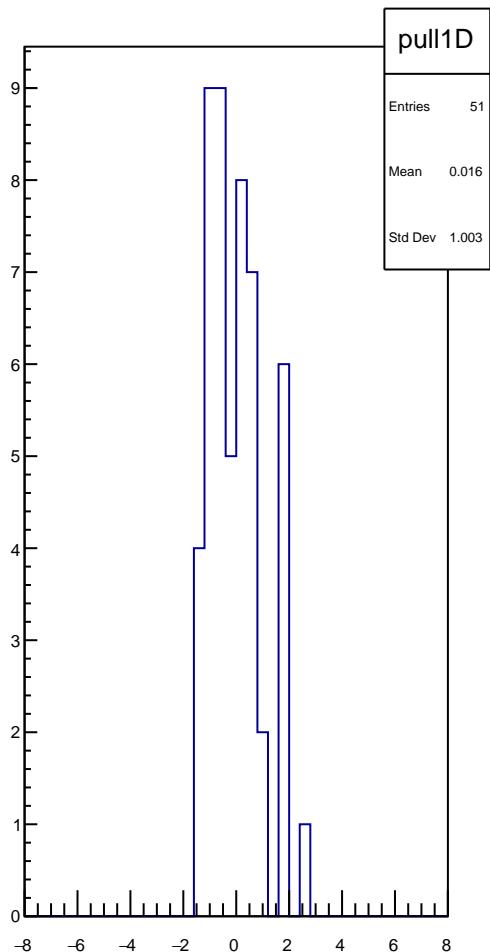
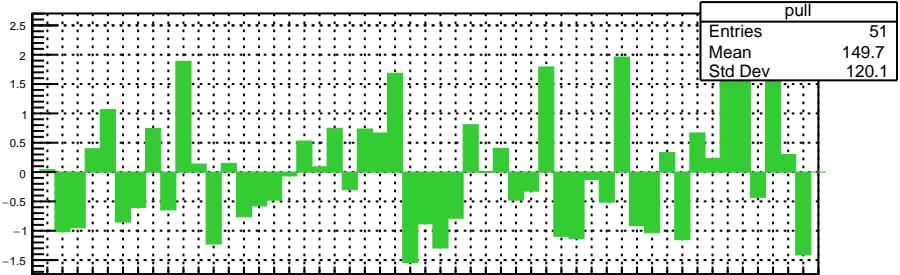
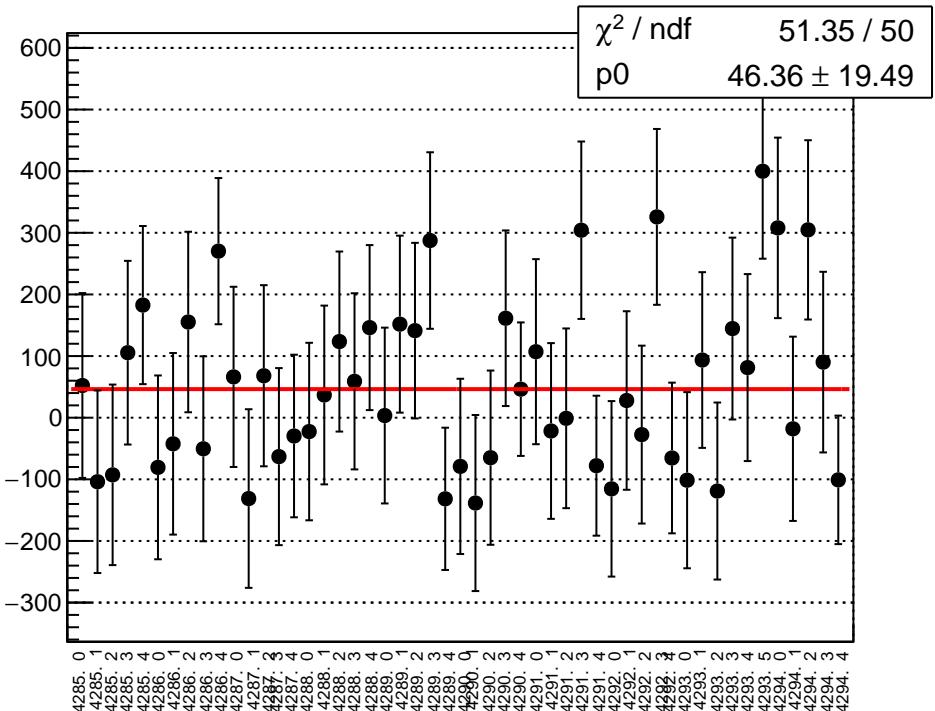
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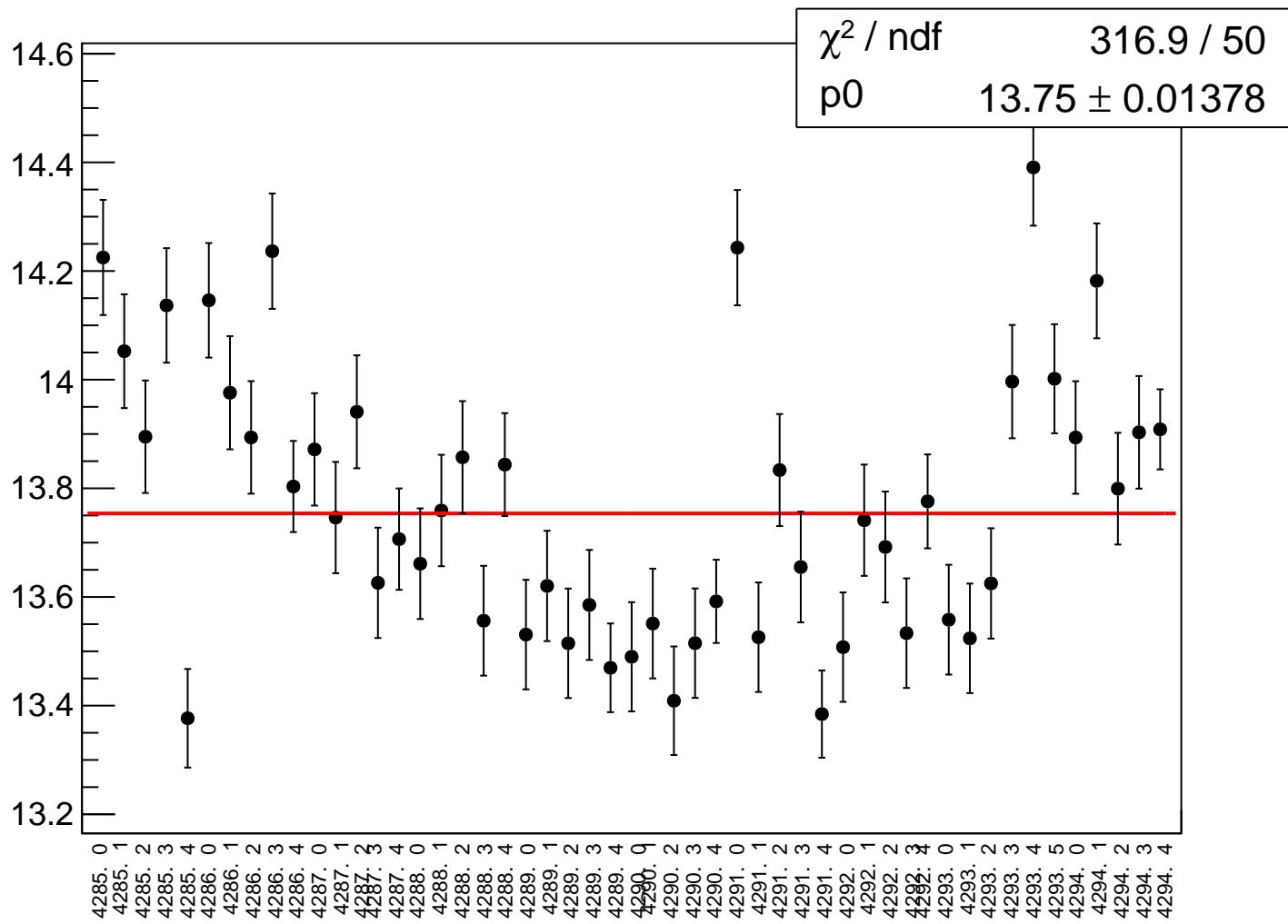
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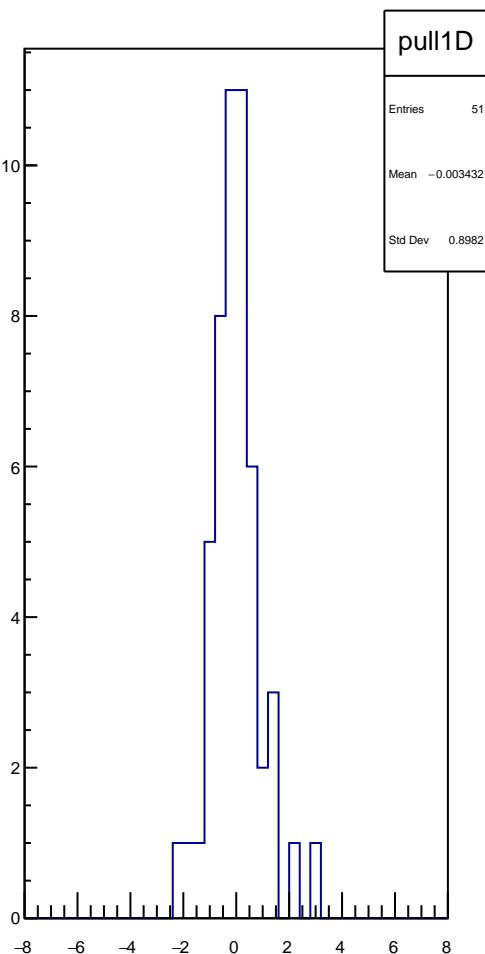
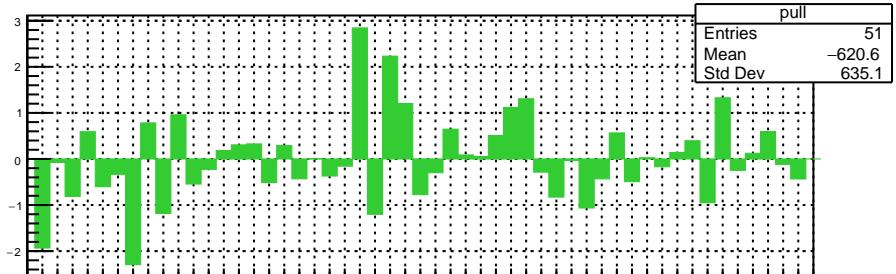
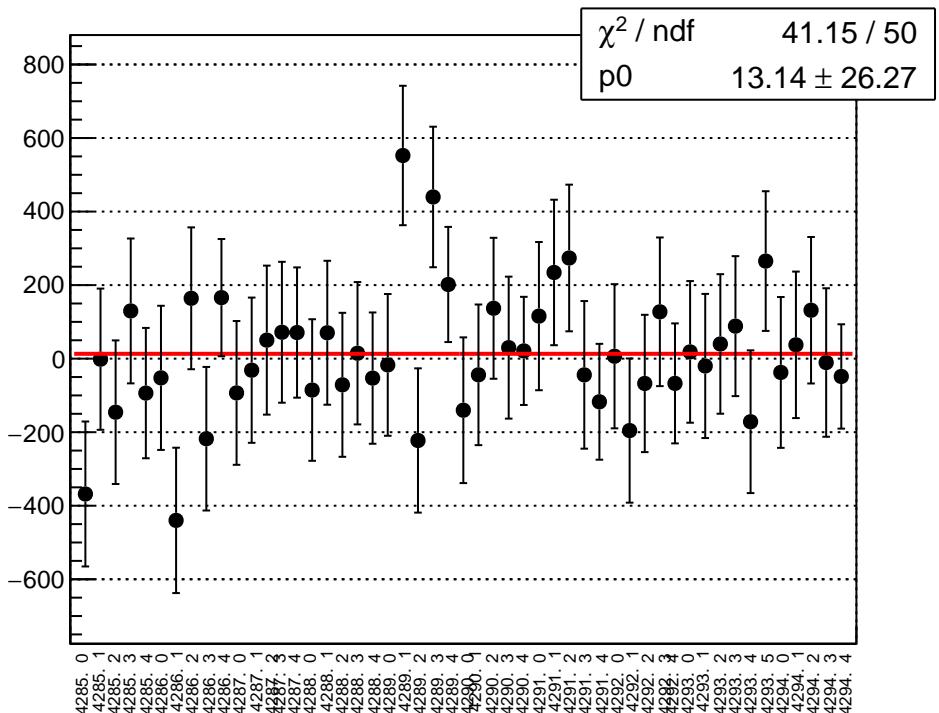
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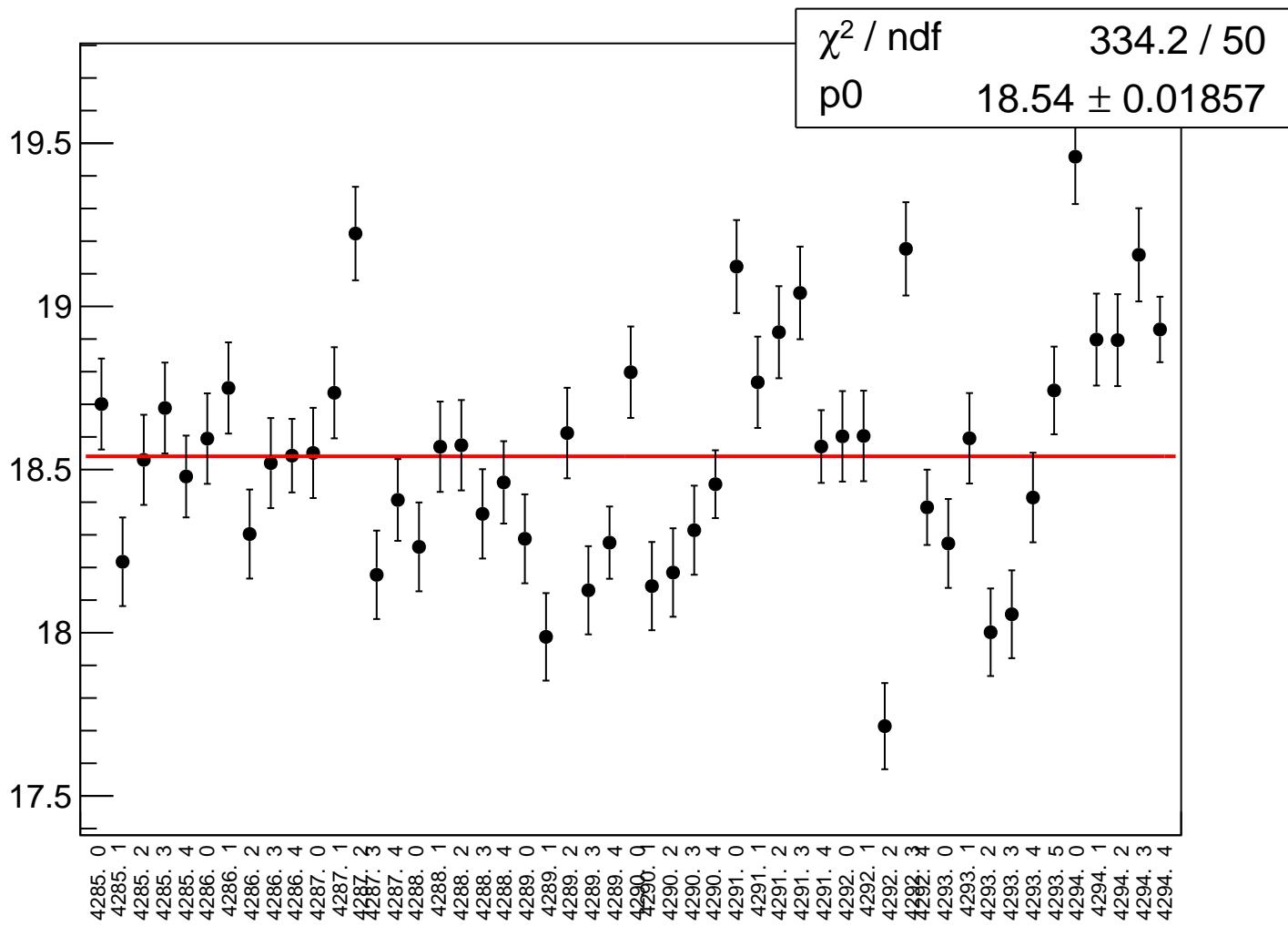
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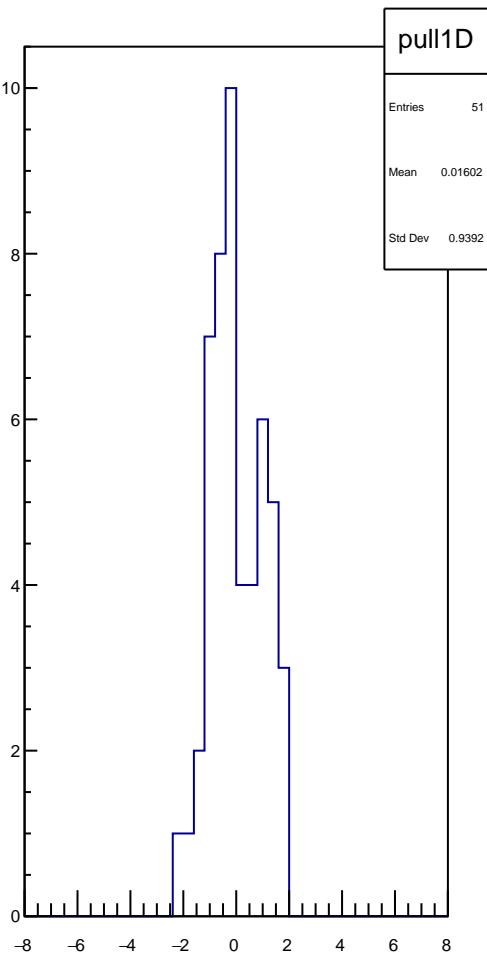
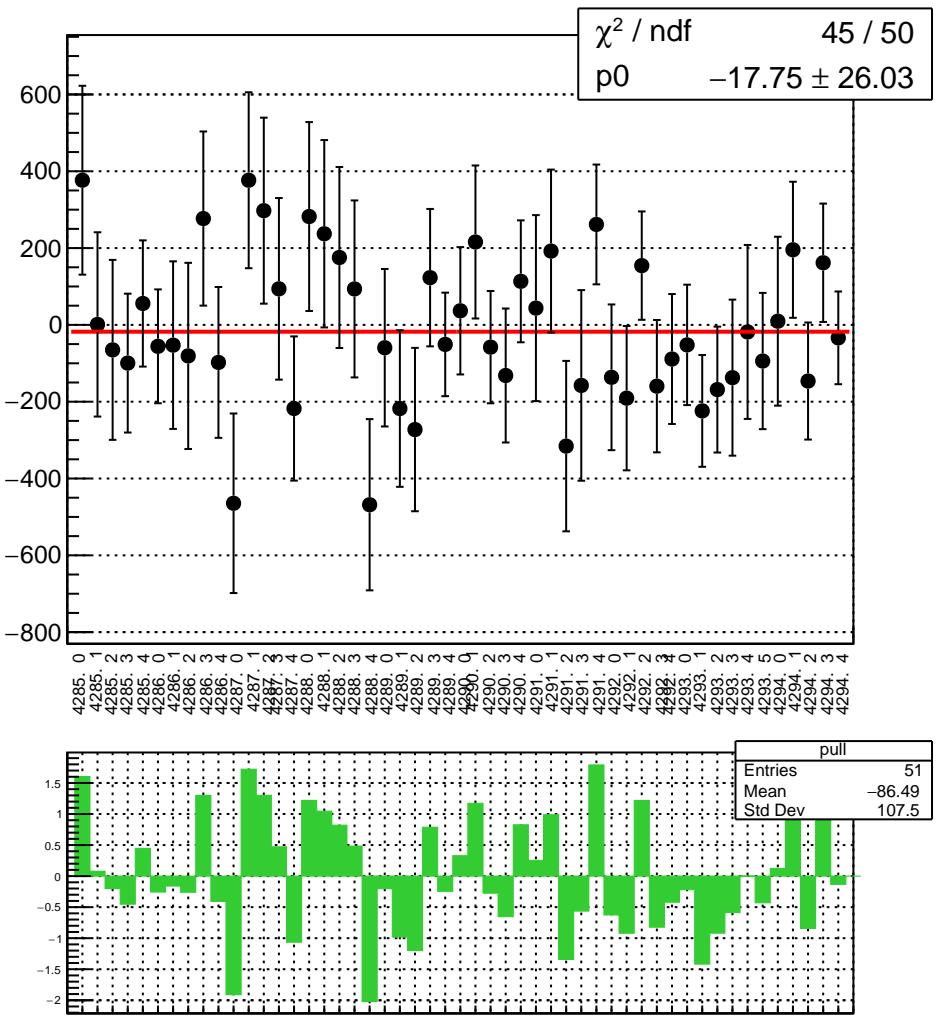
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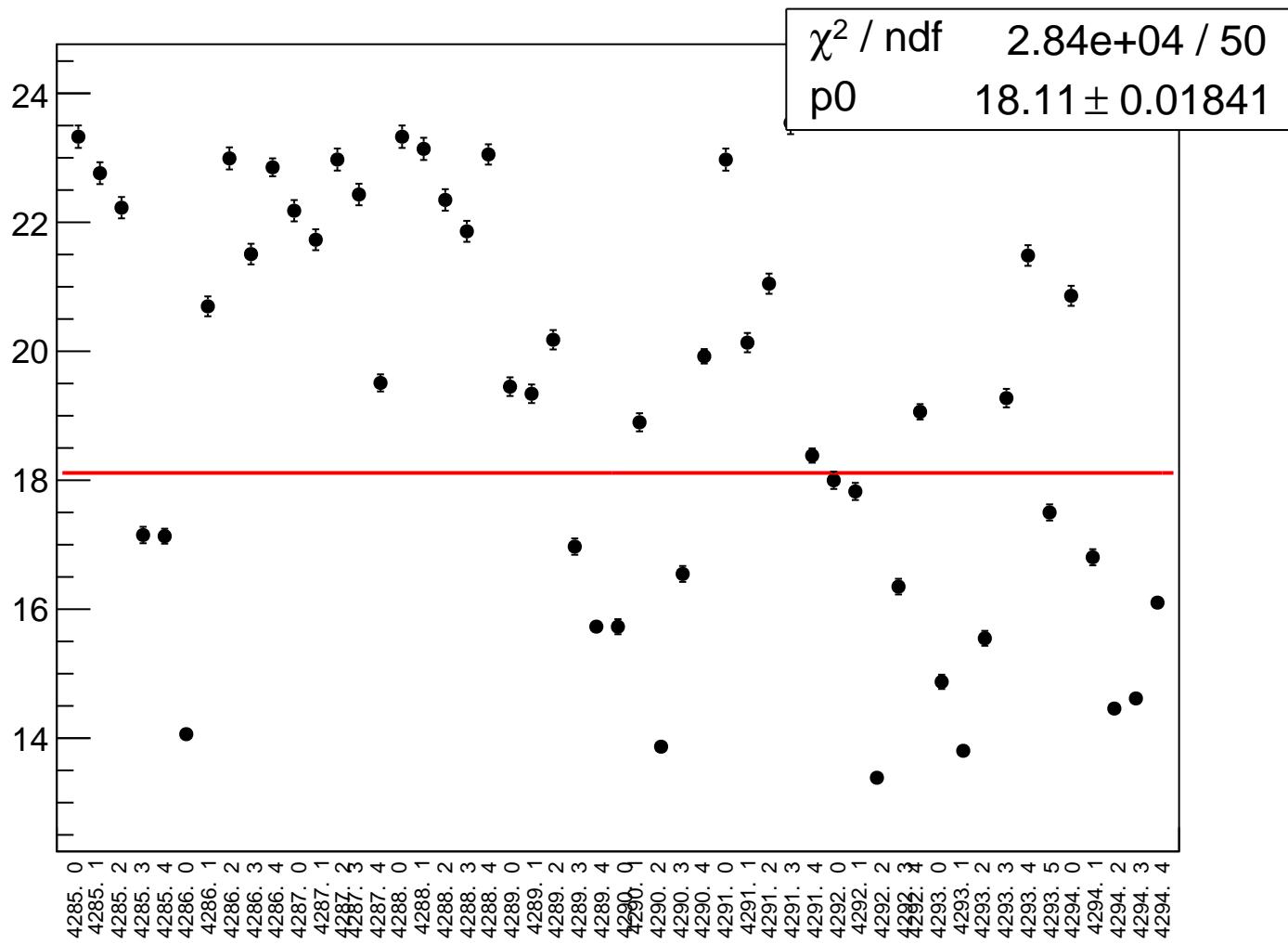
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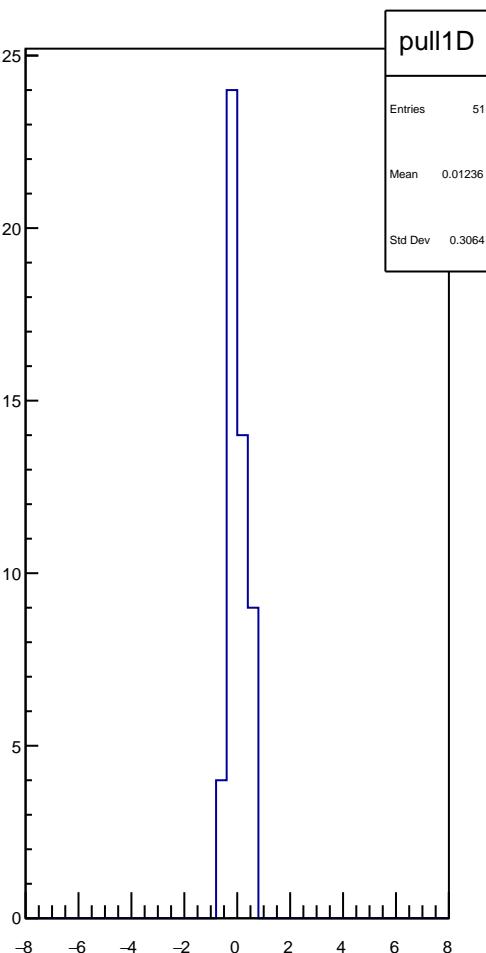
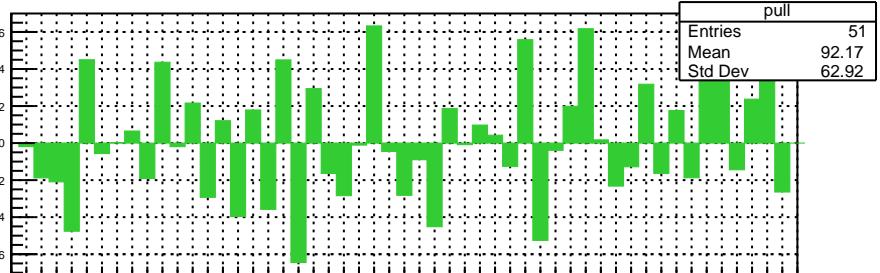
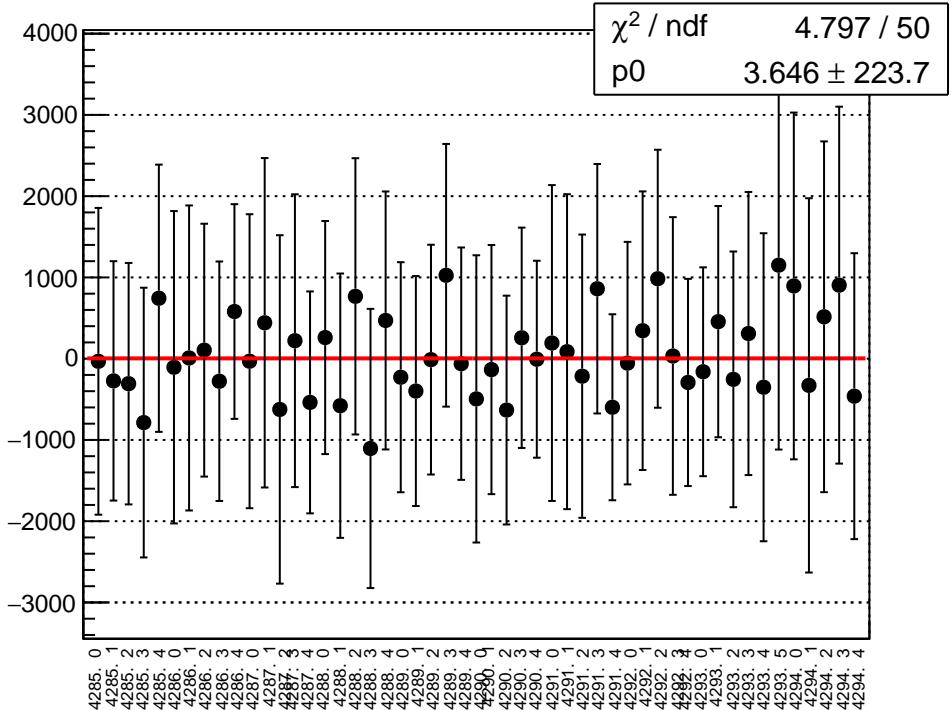
asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs run



asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs run

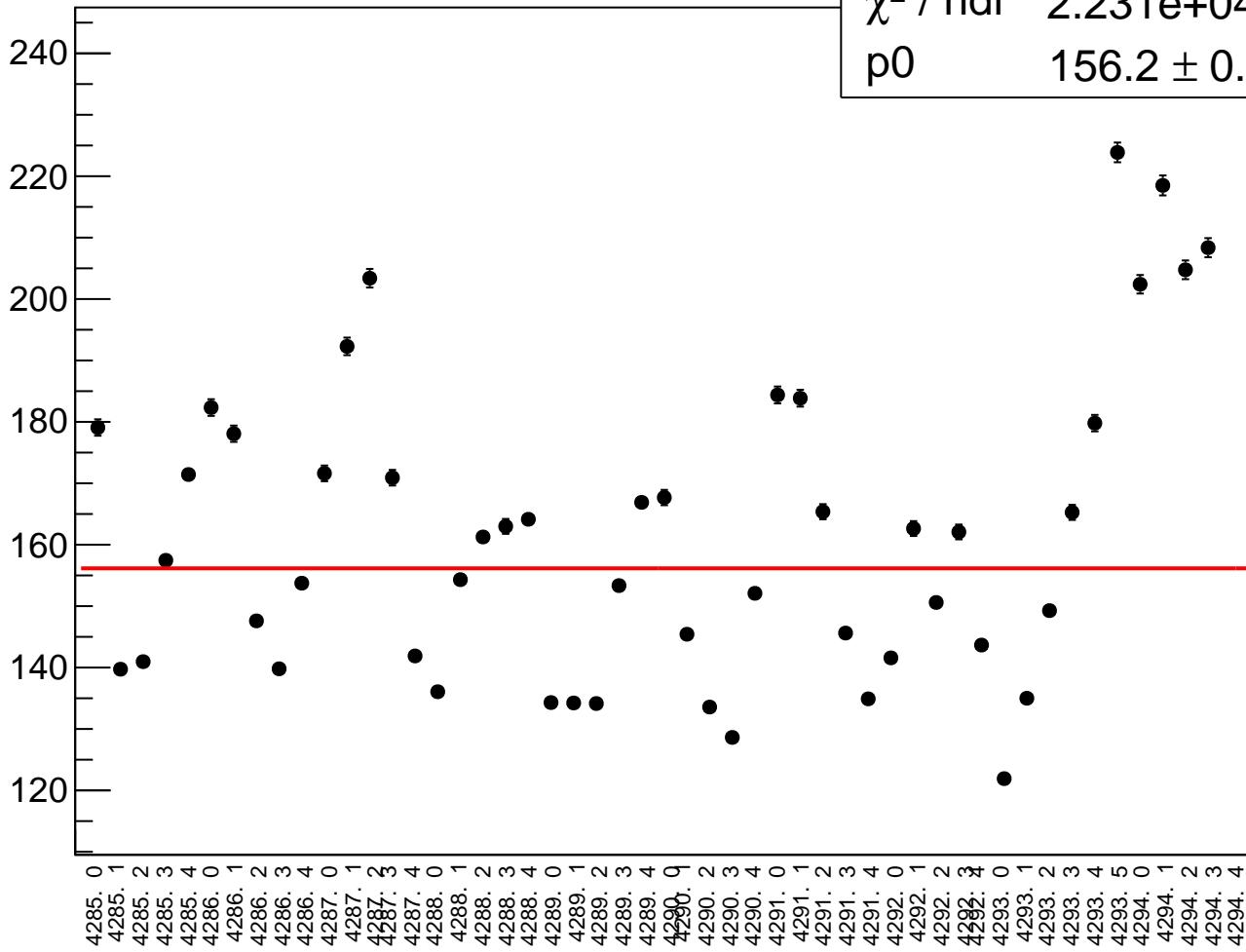


asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs run

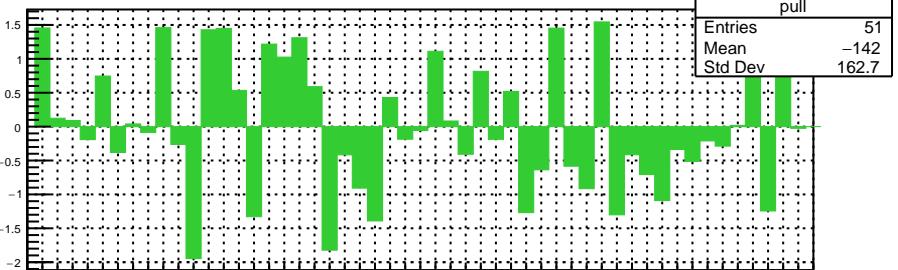
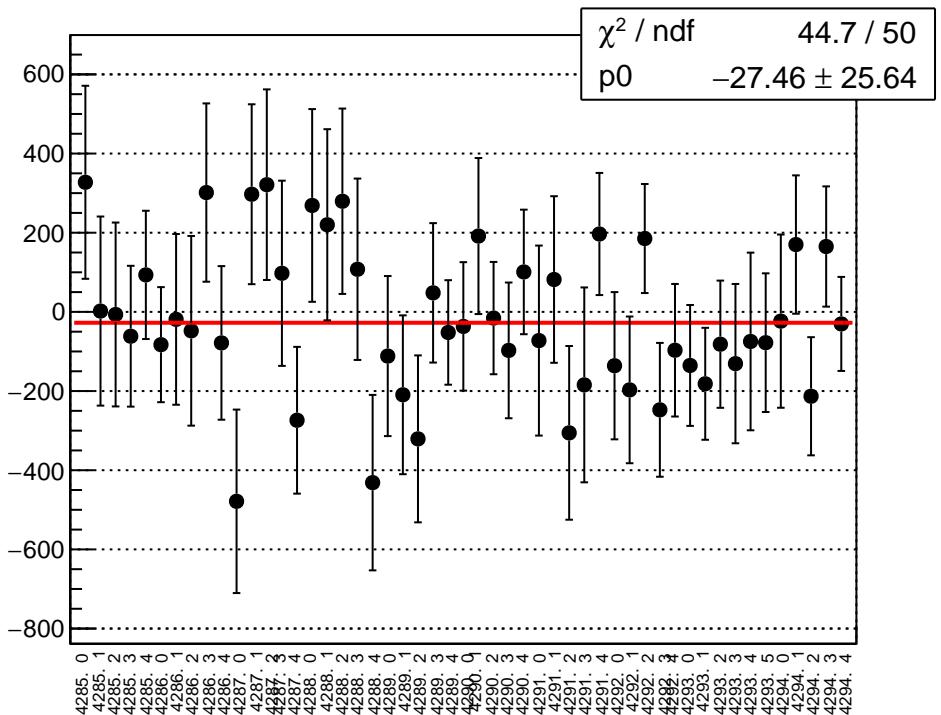


asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs run

χ^2 / ndf $2.231\text{e+}04 / 50$
p0 156.2 ± 0.1582



asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs run



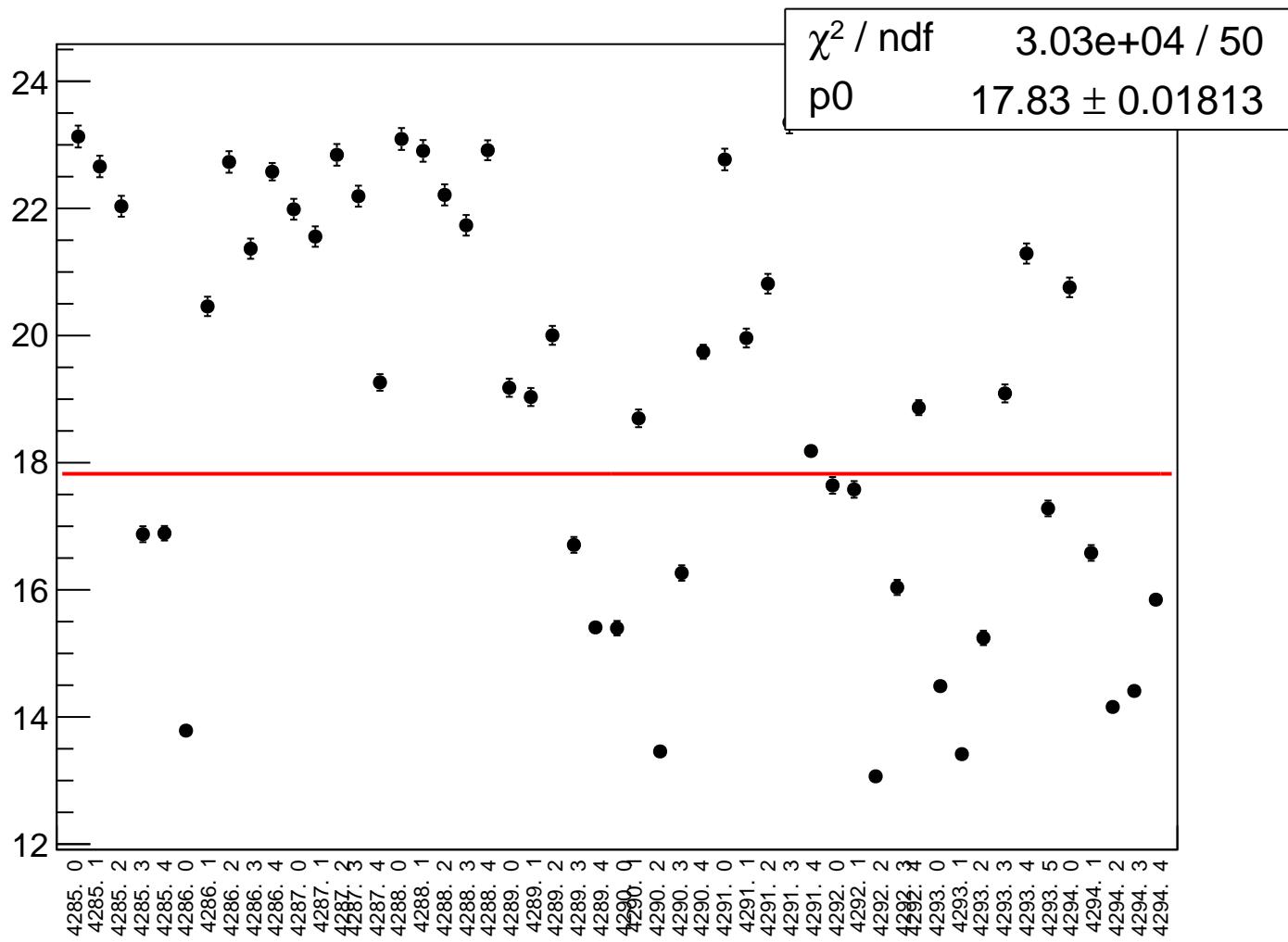
pull1D

Entries 51

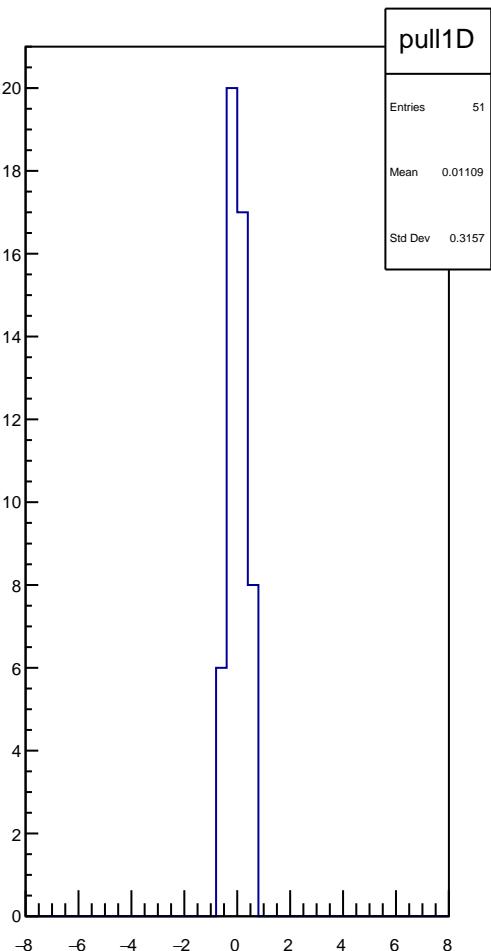
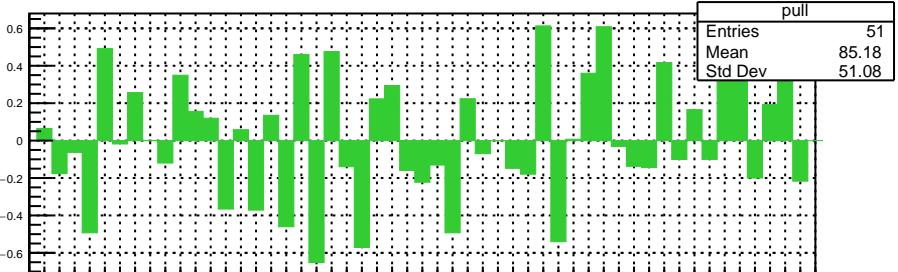
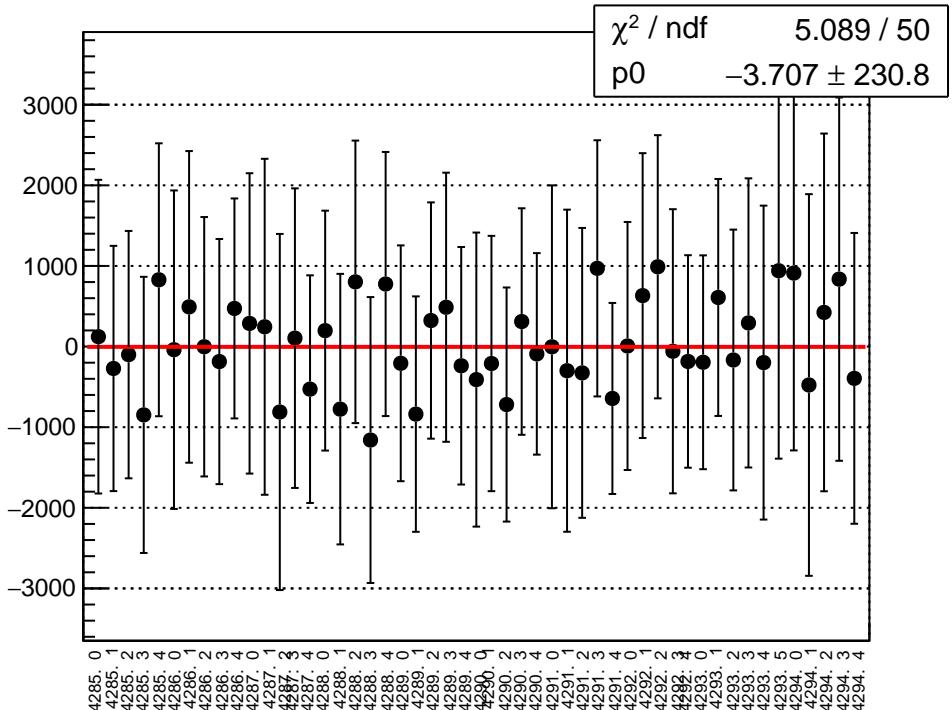
Mean 0.01454

Std Dev 0.9361

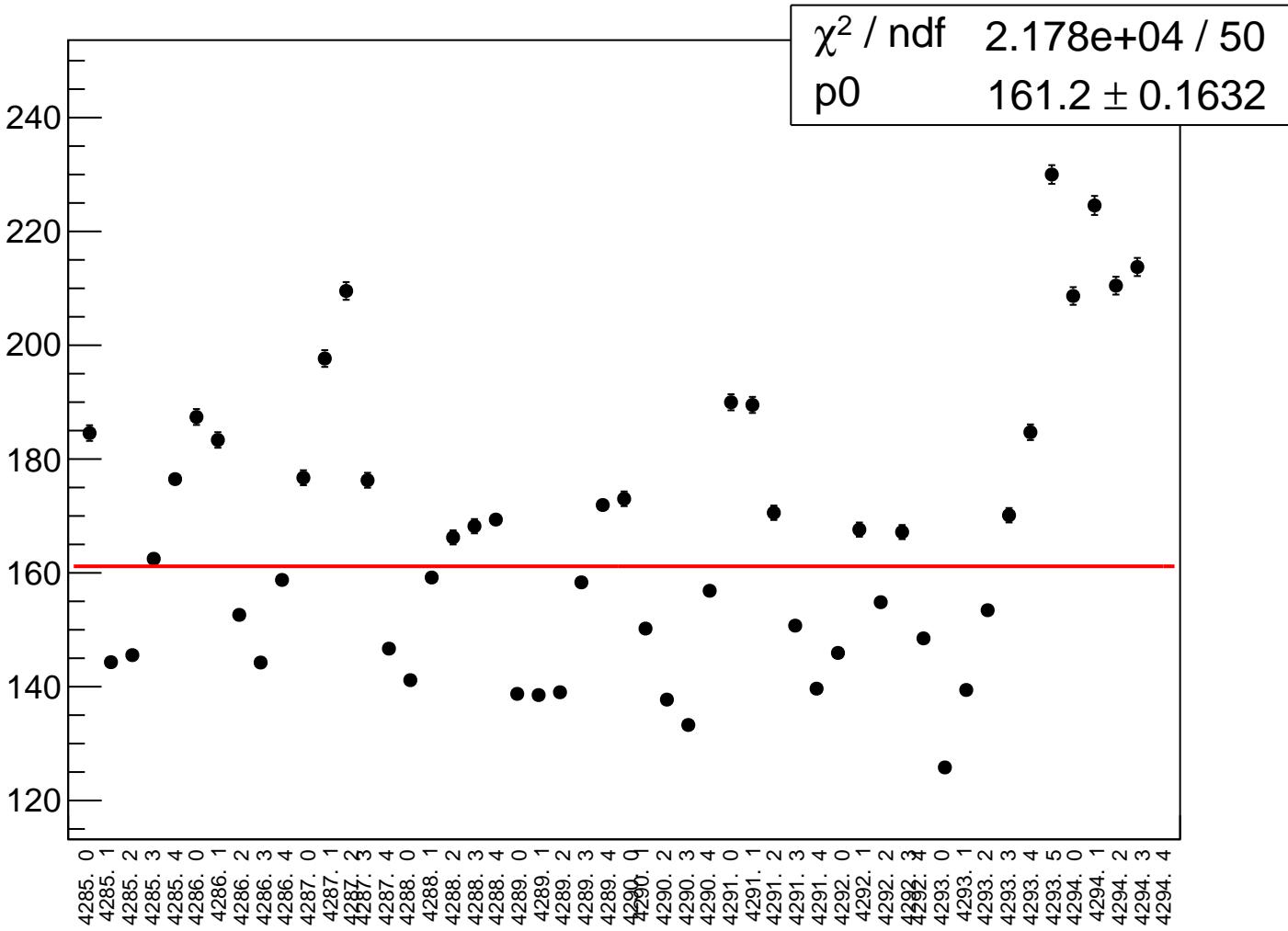
asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs run



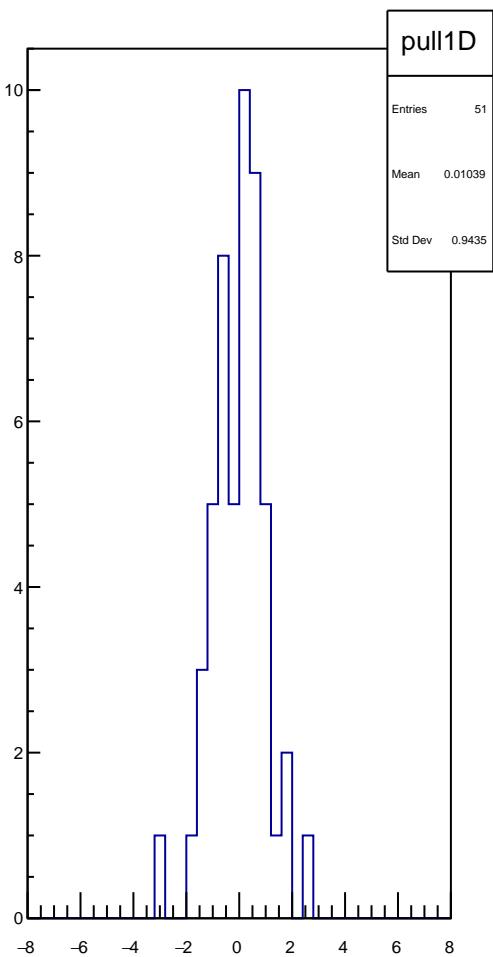
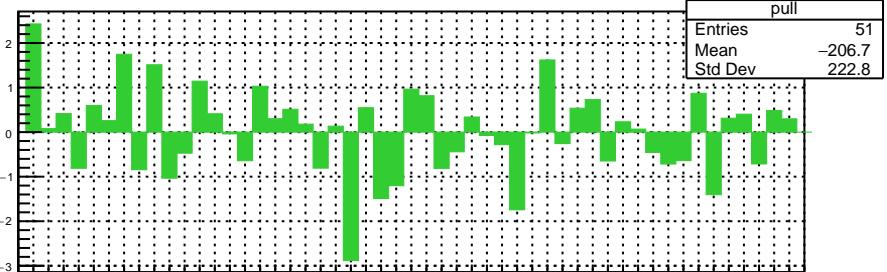
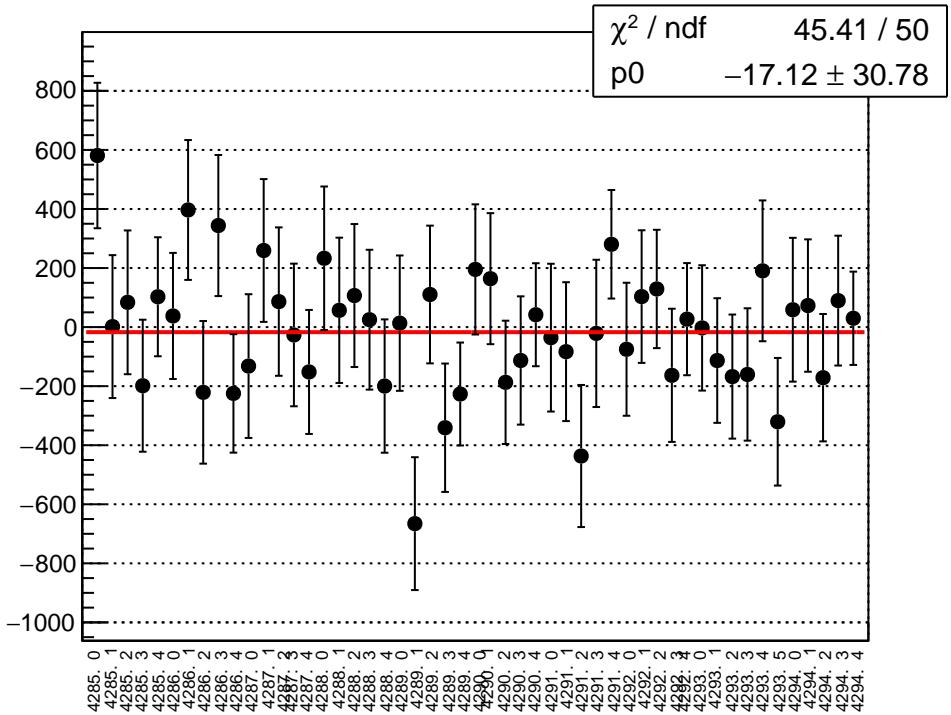
asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs run



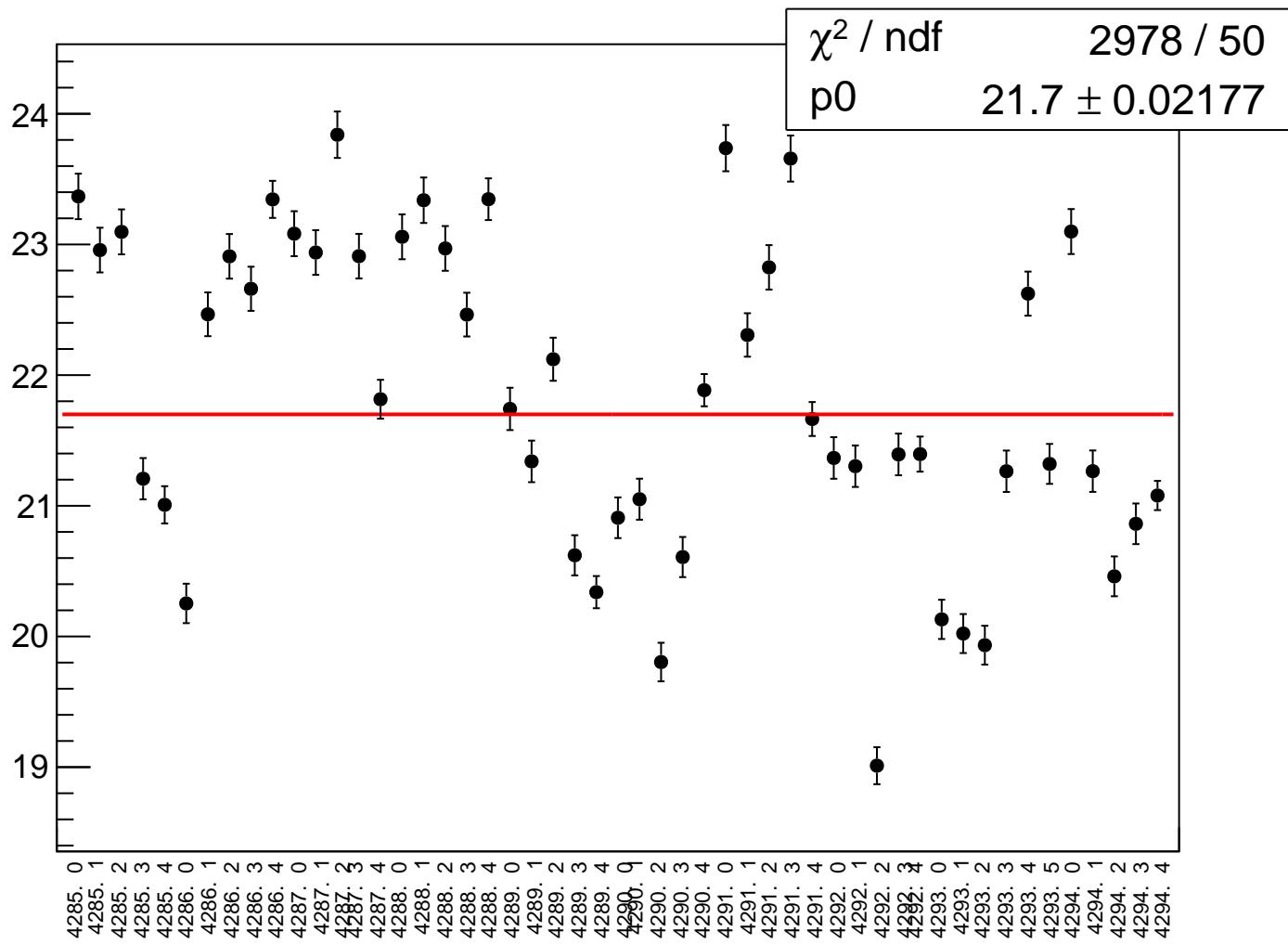
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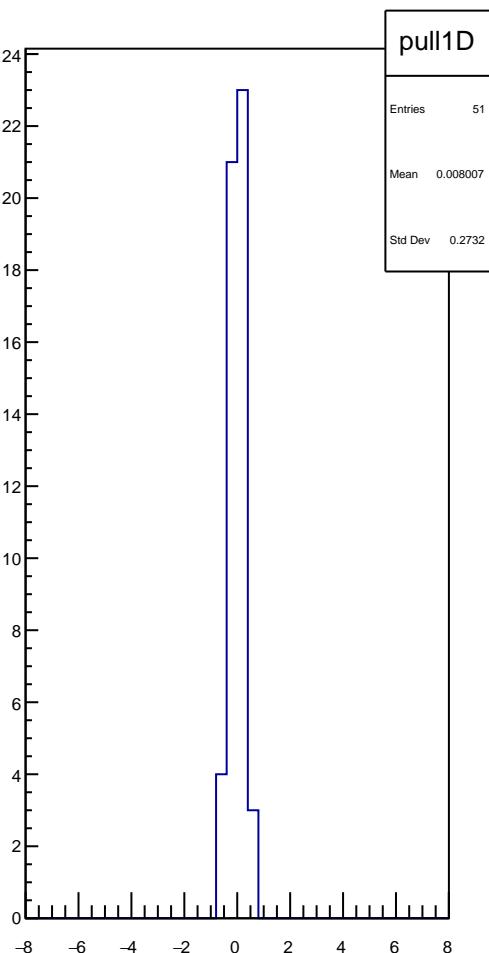
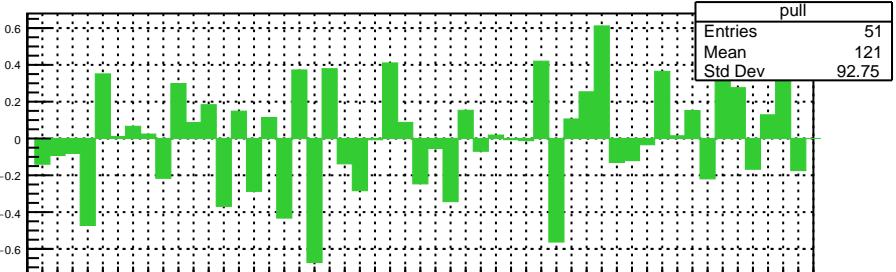
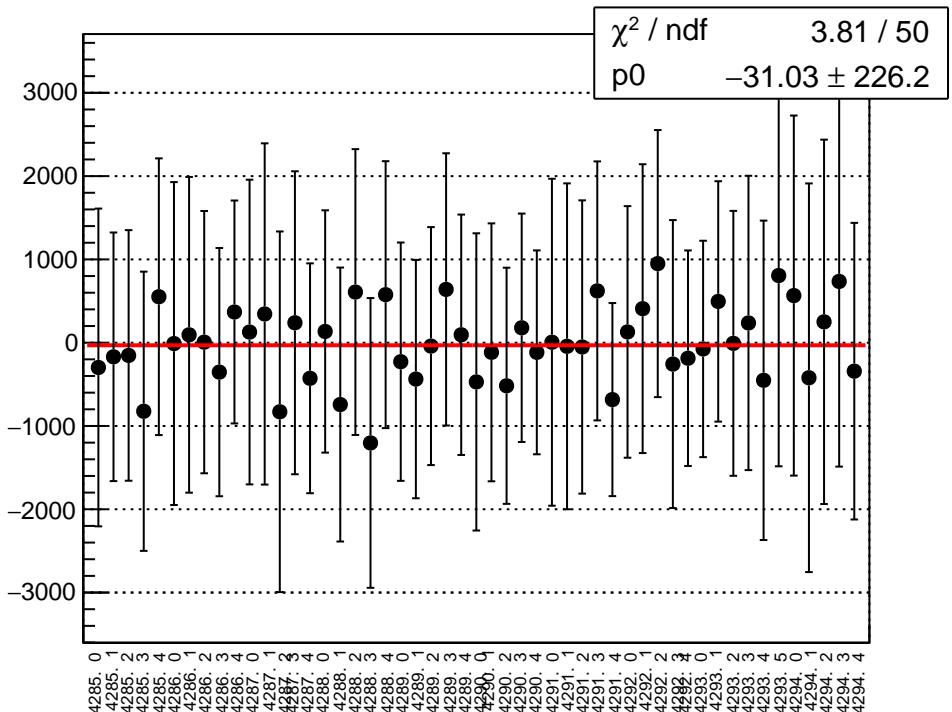
asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs run



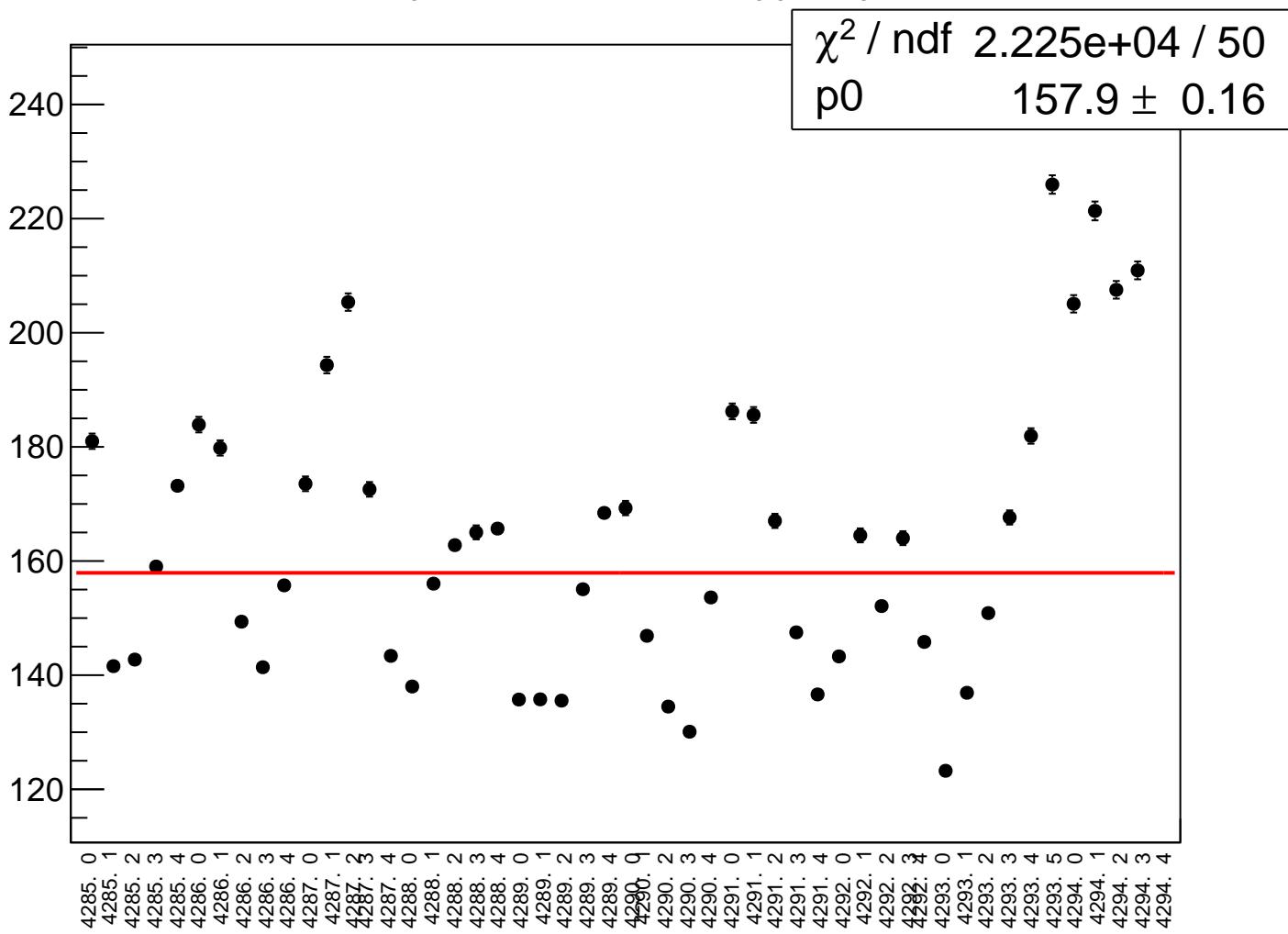
asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs run



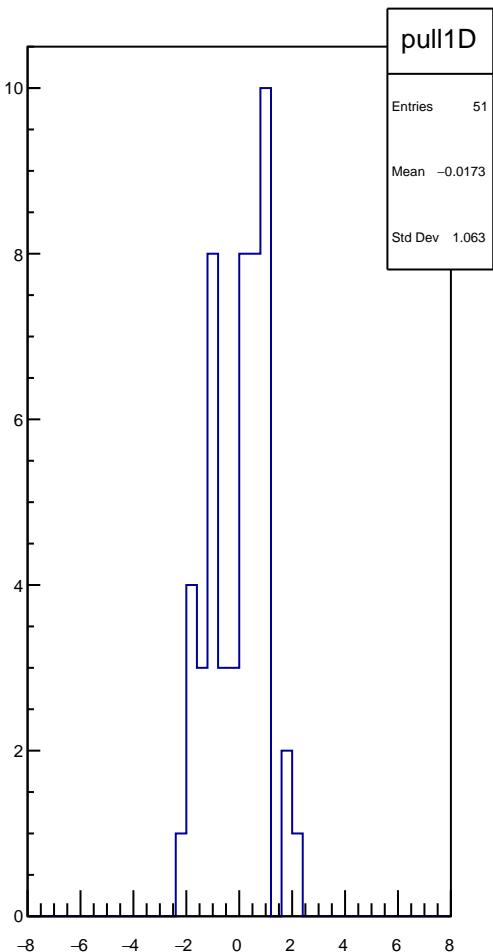
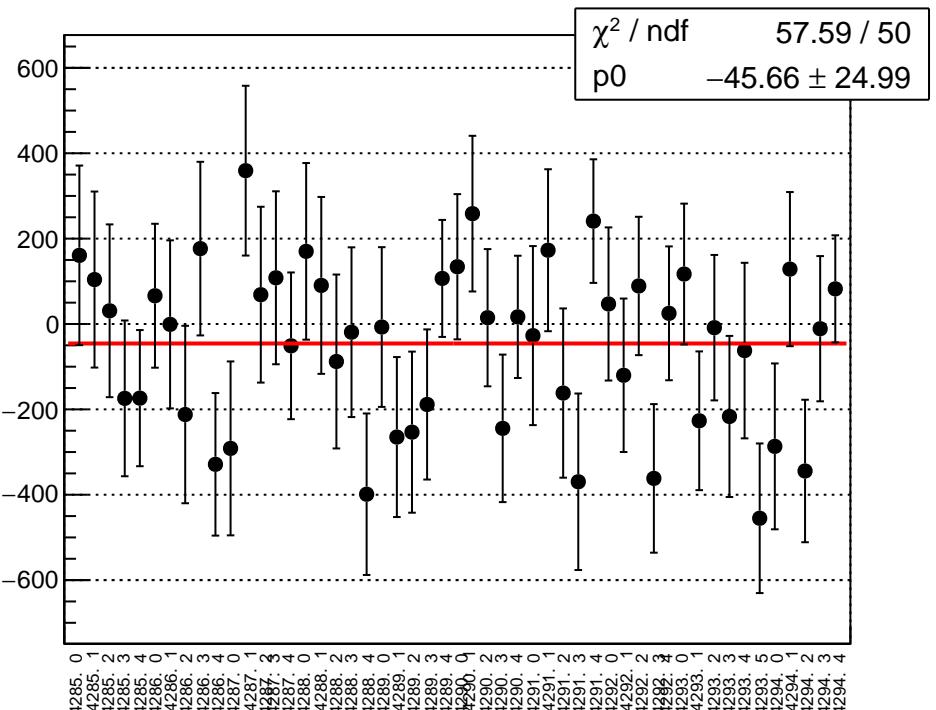
asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs run



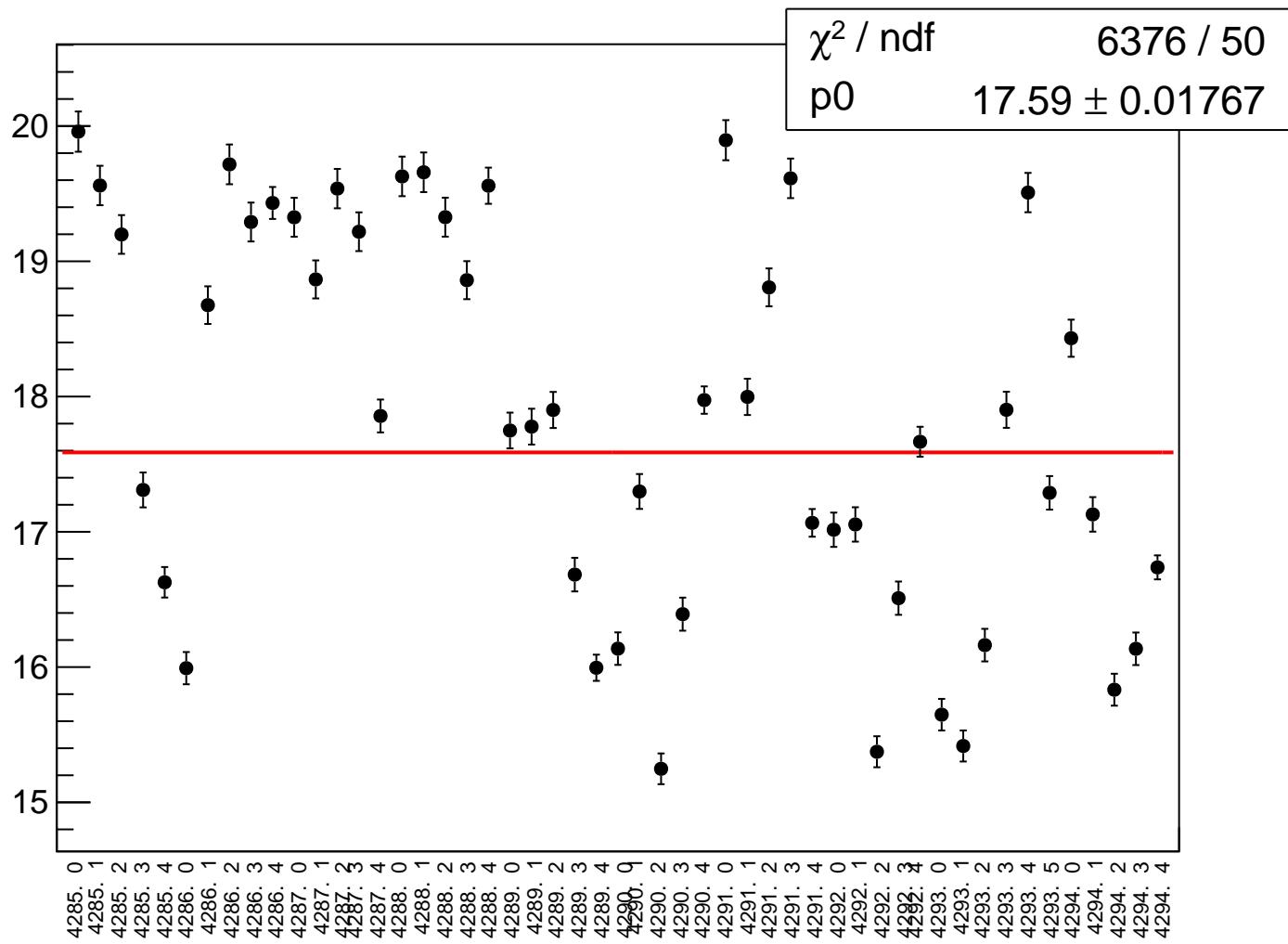
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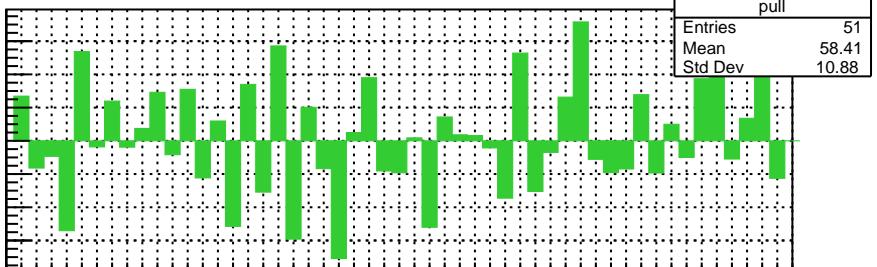
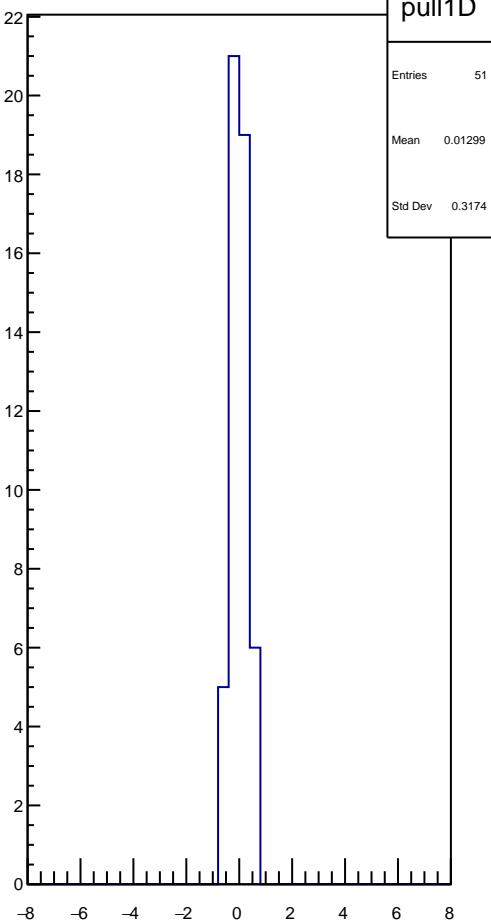
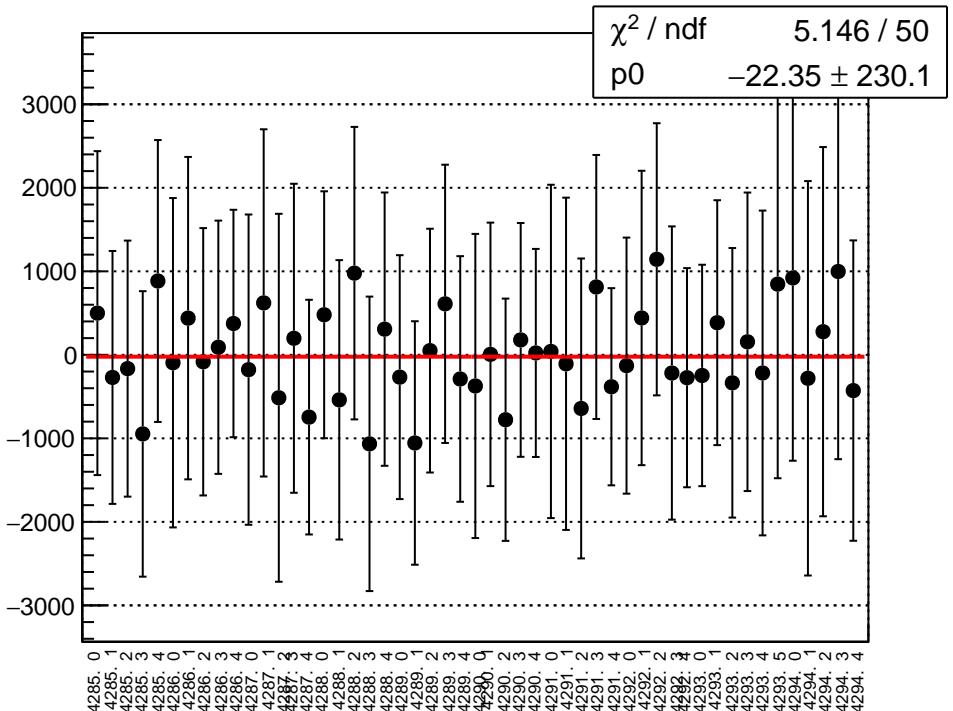
asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs run



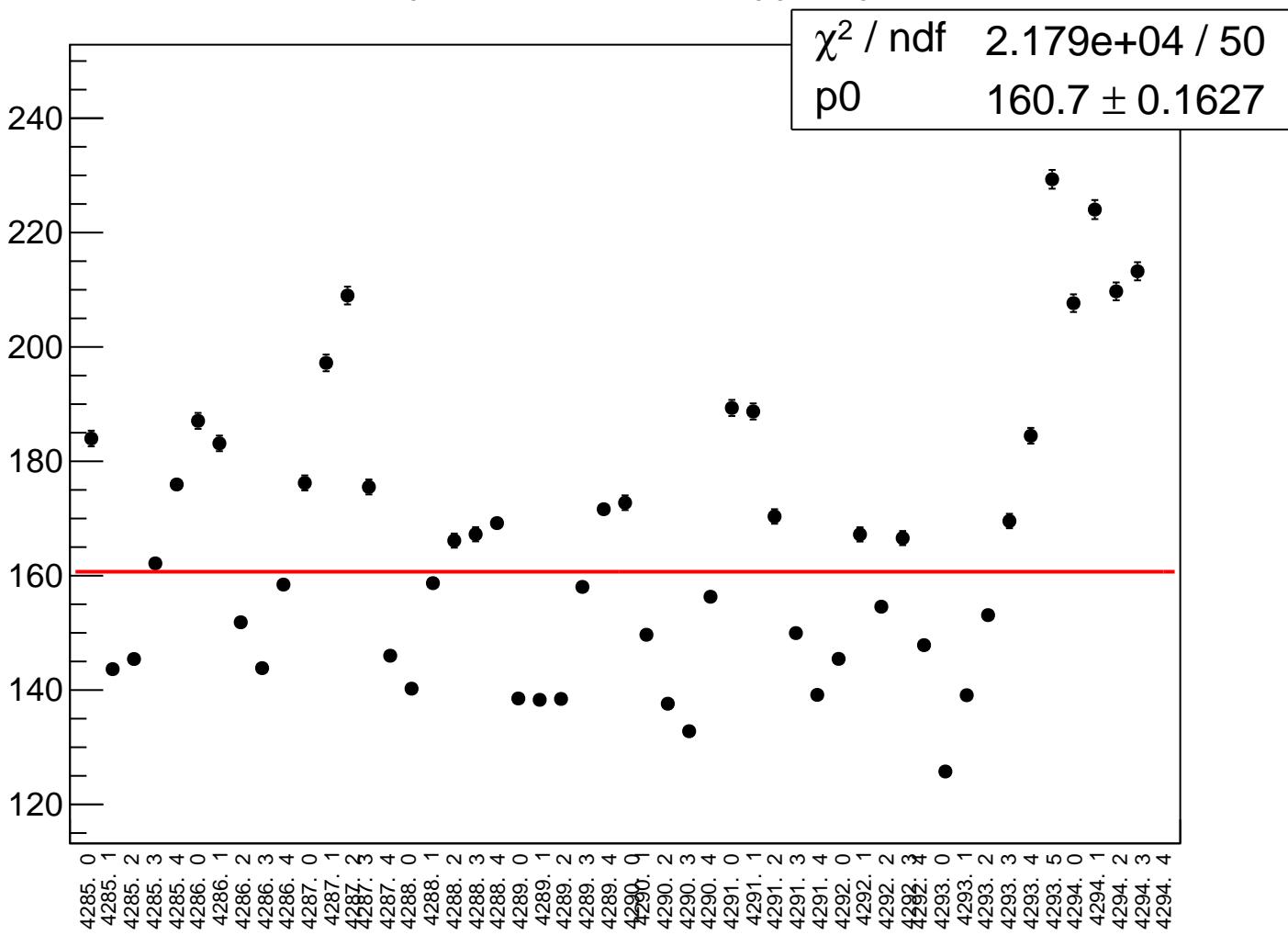
asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs run



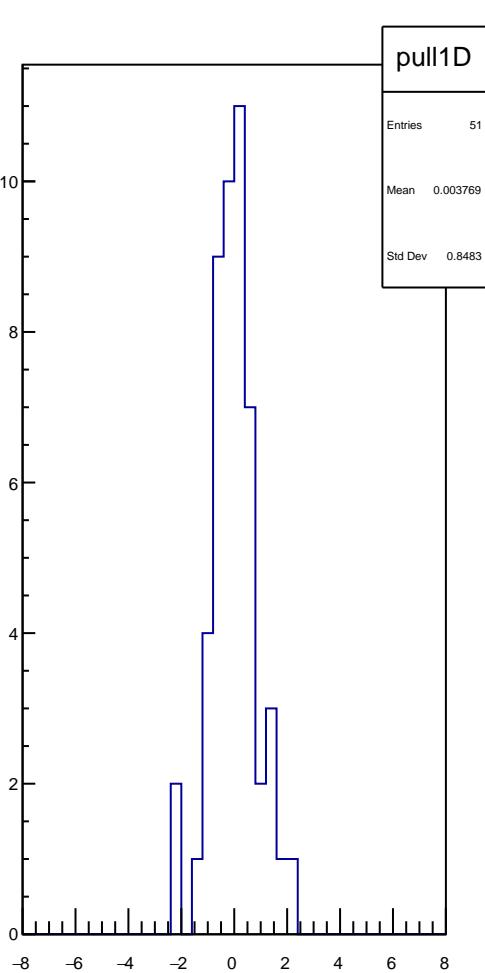
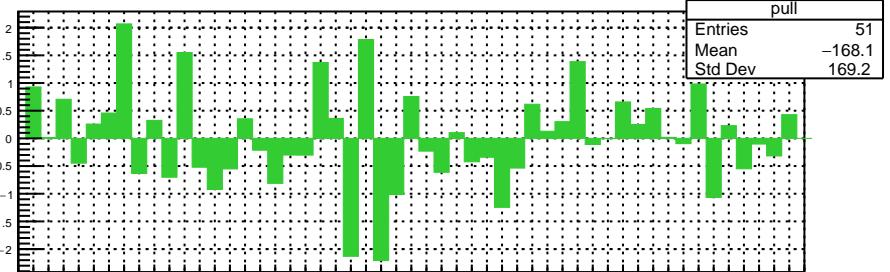
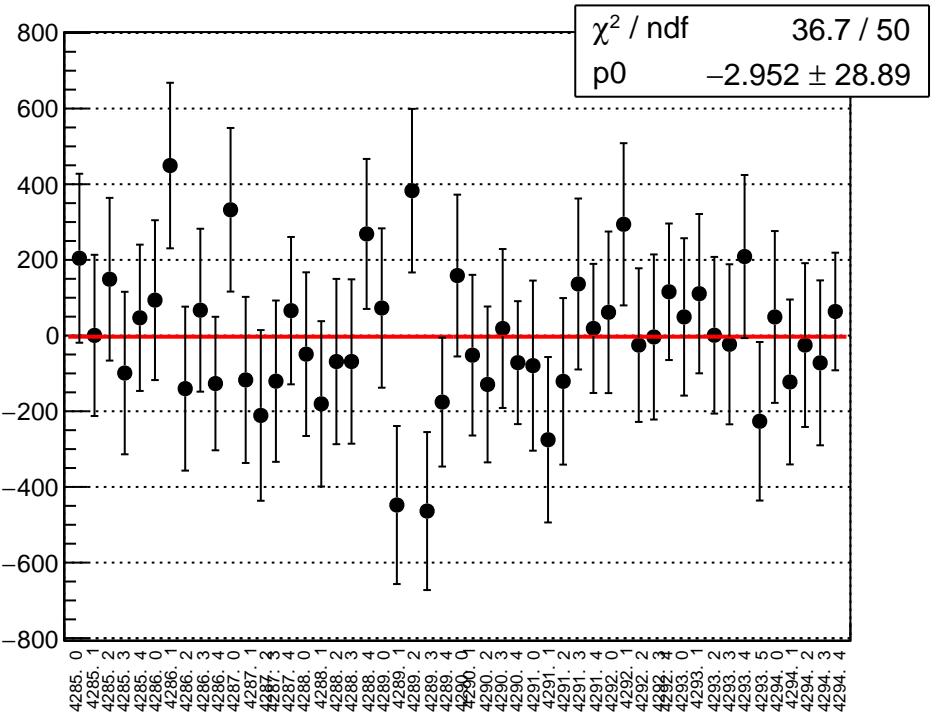
asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs run



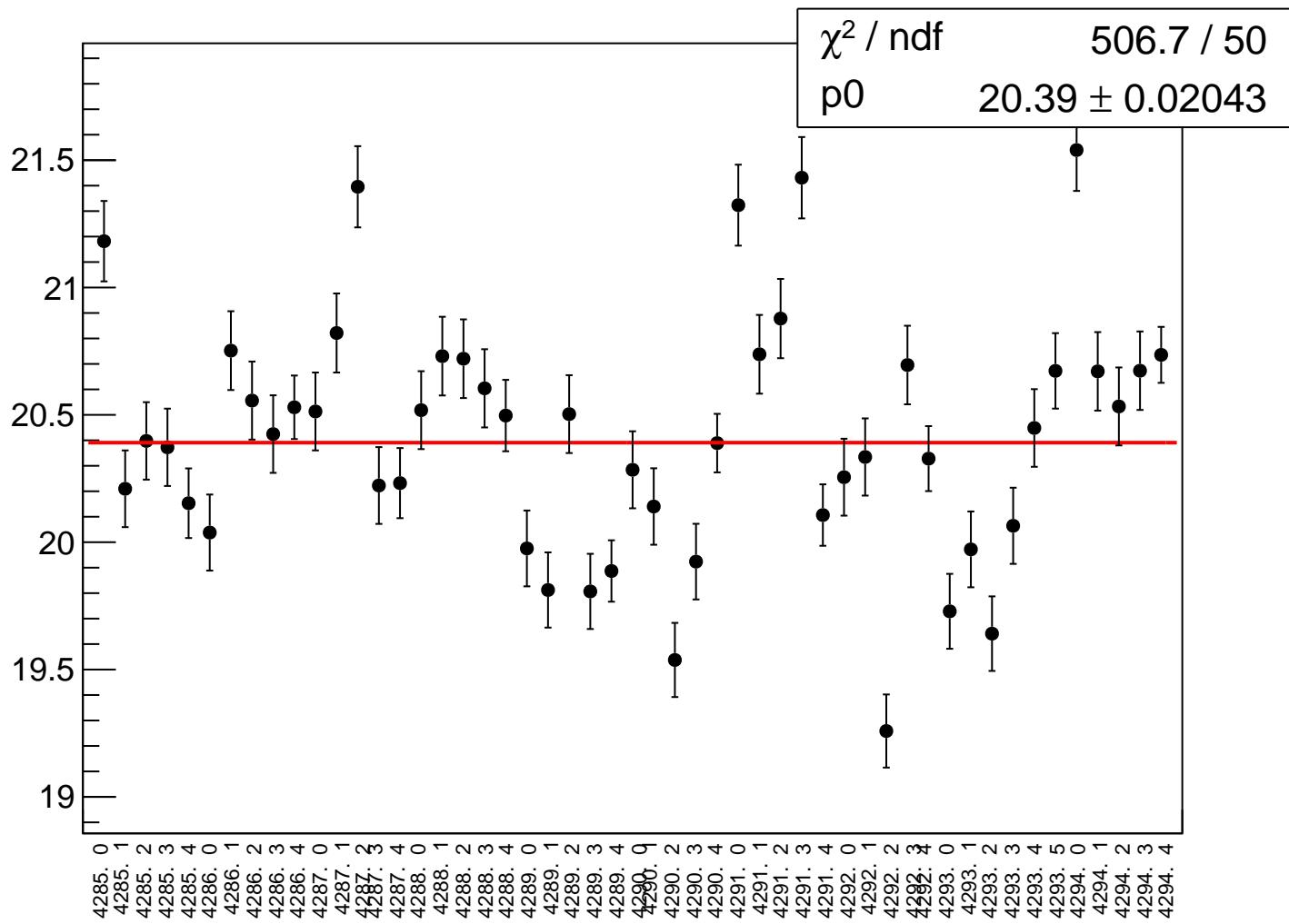
asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs run



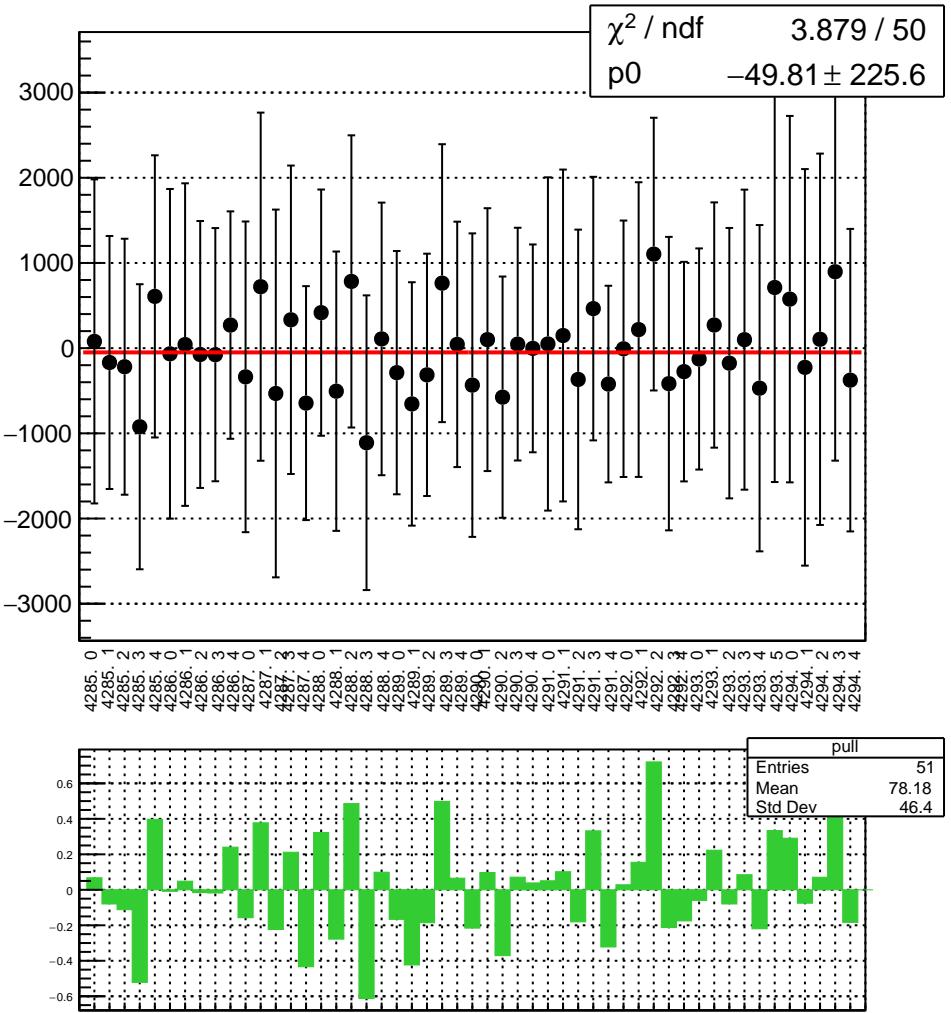
asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs run



asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs run



asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs run



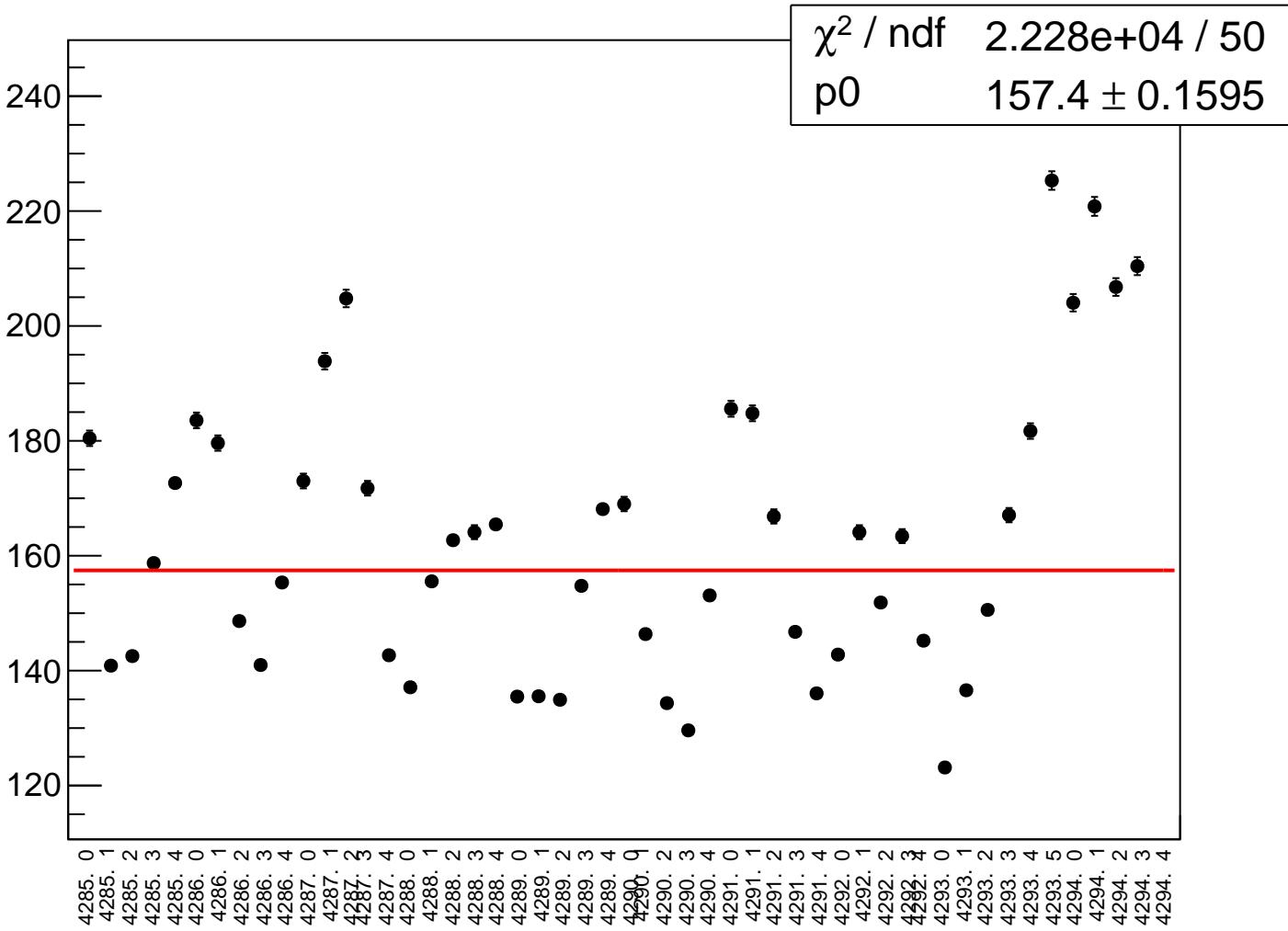
pull1D

Entries 51

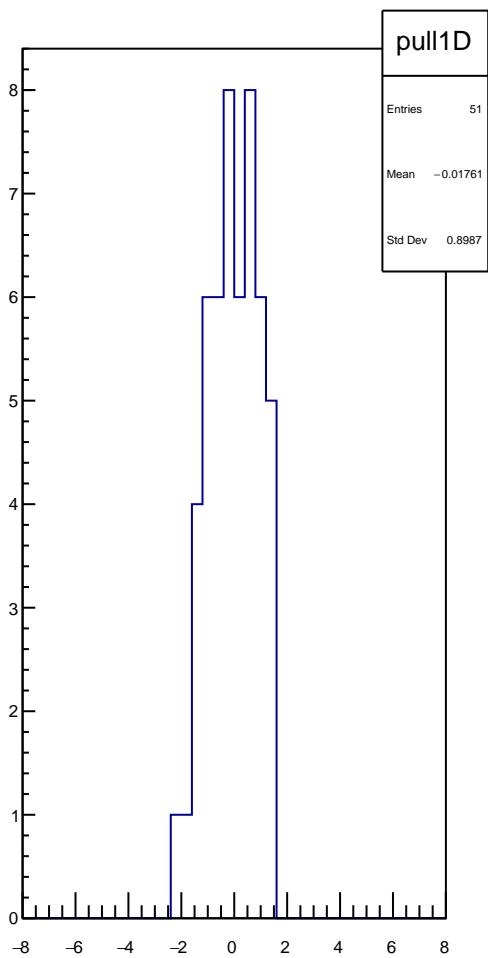
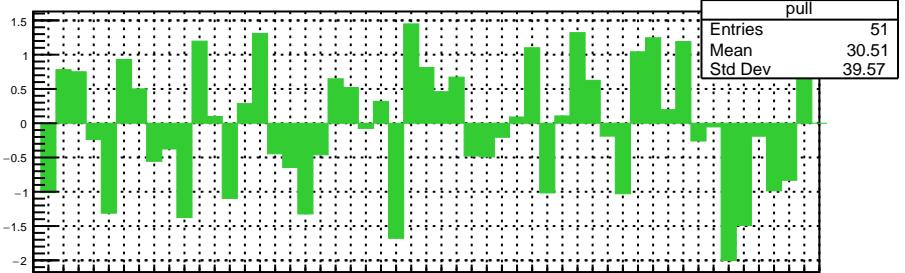
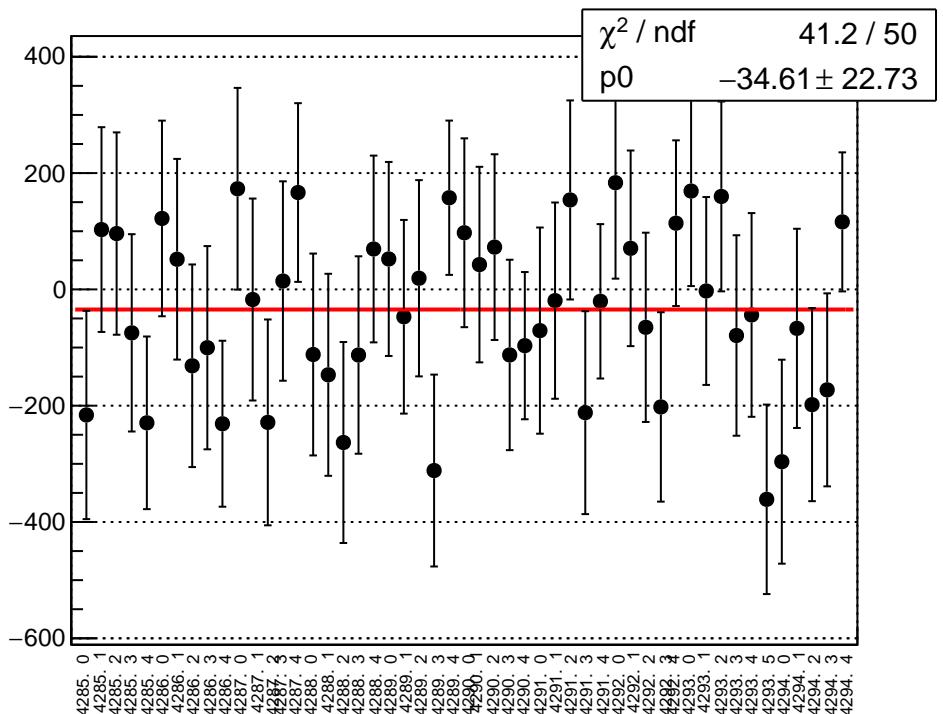
Mean 0.009982

Std Dev 0.2756

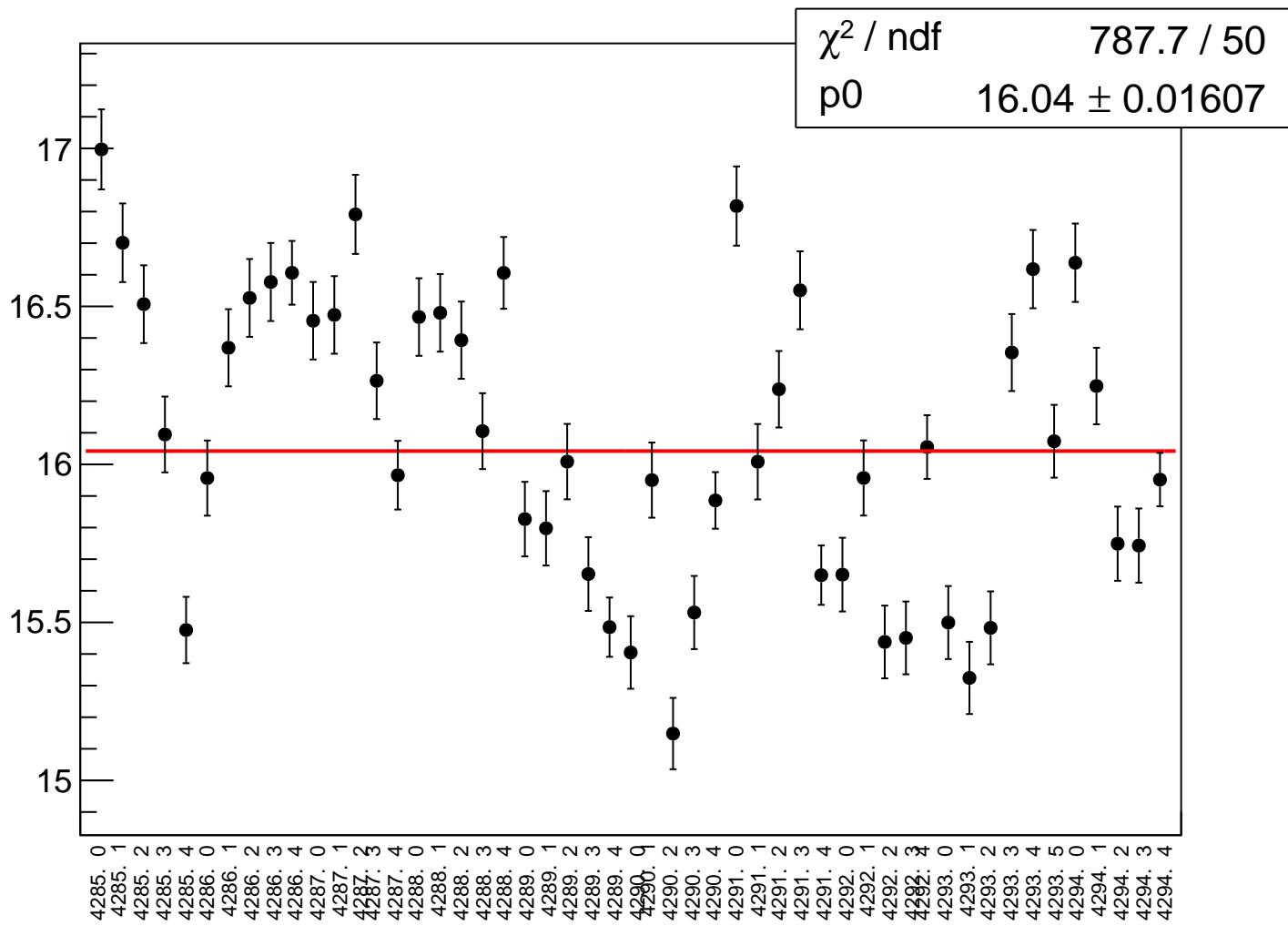
asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs run



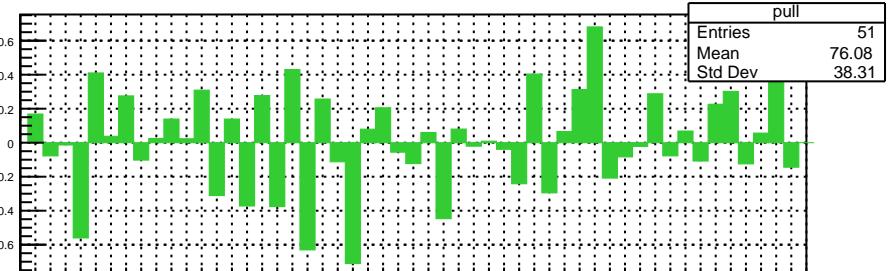
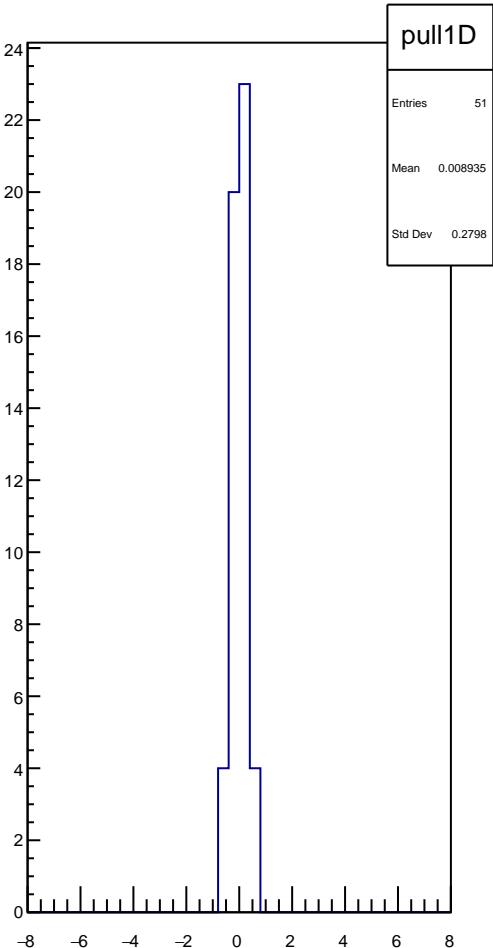
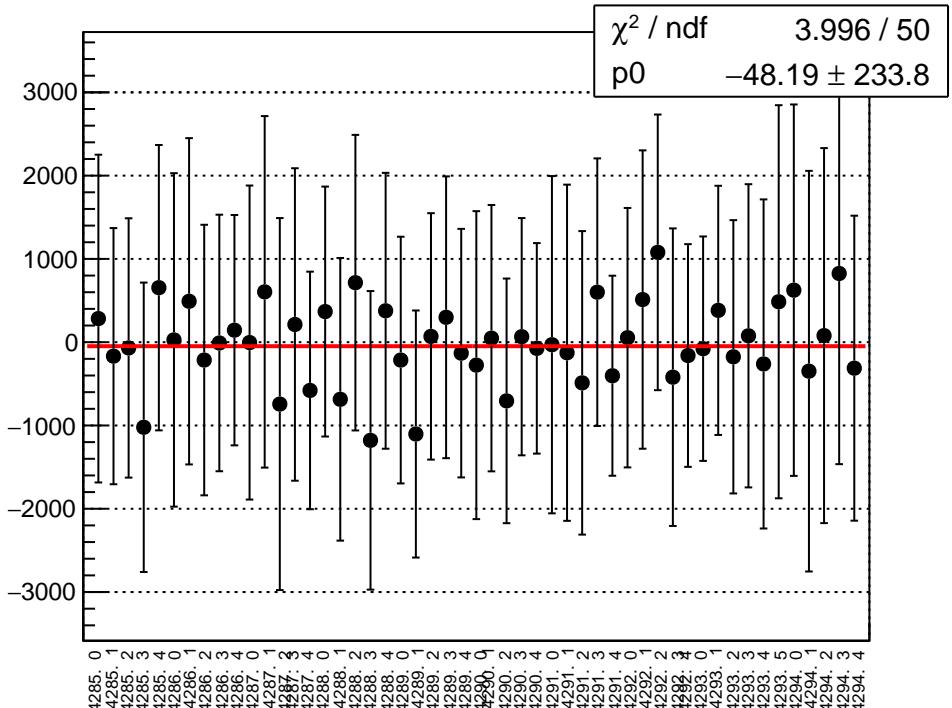
asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs run



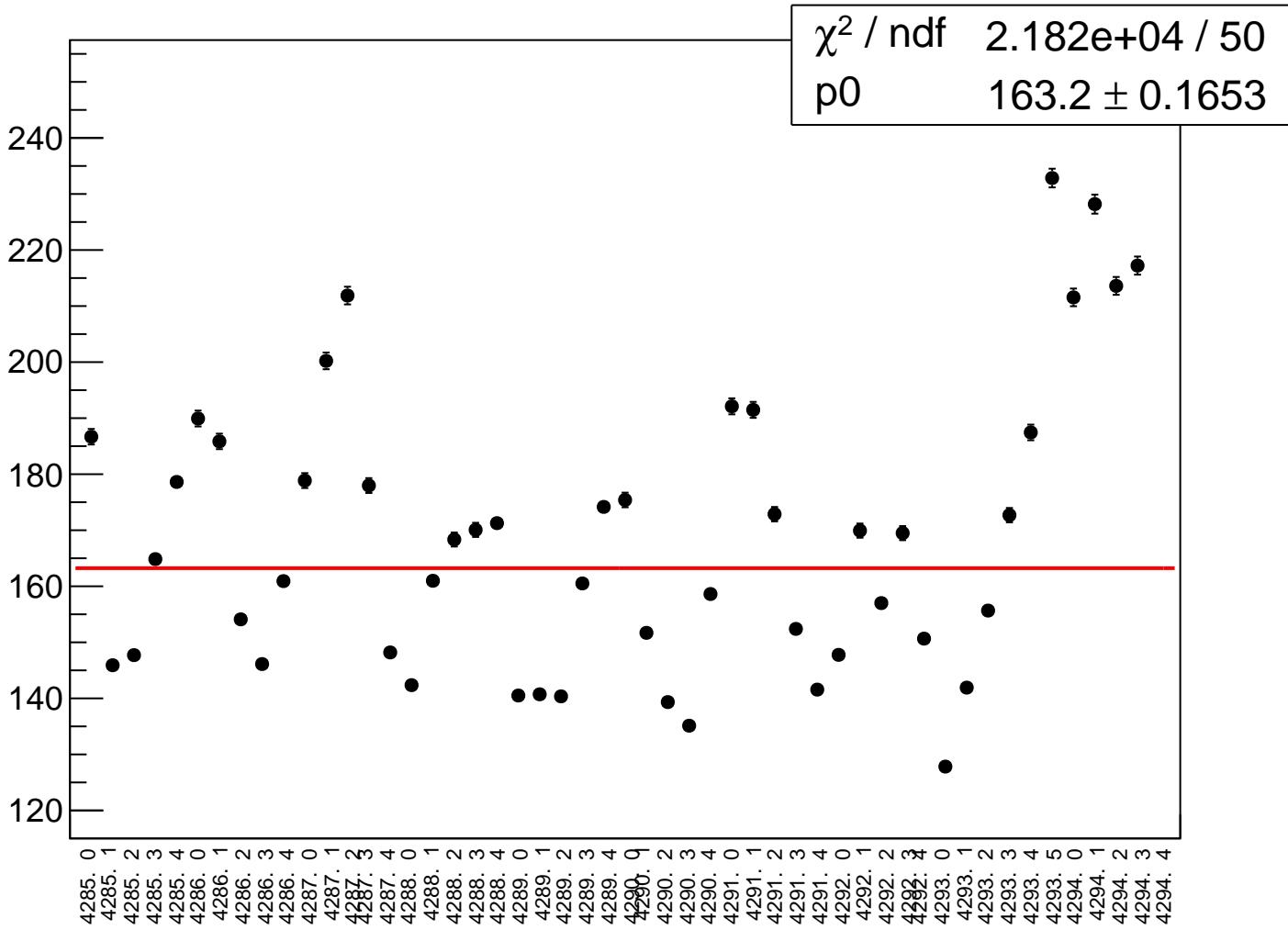
asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs run



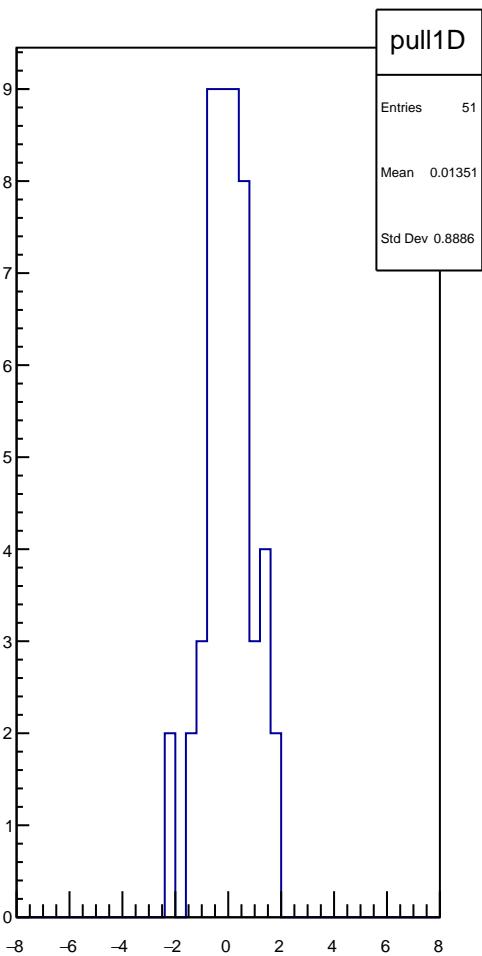
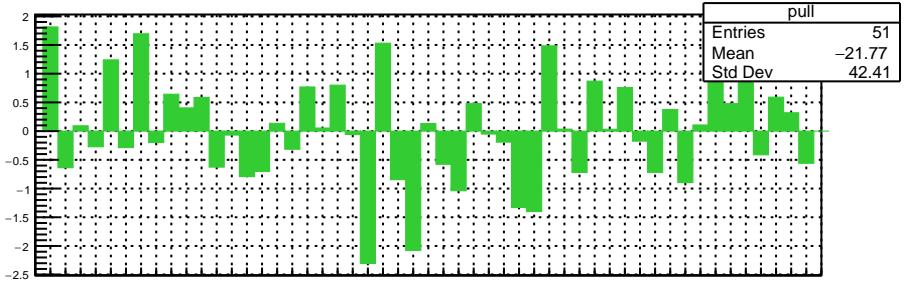
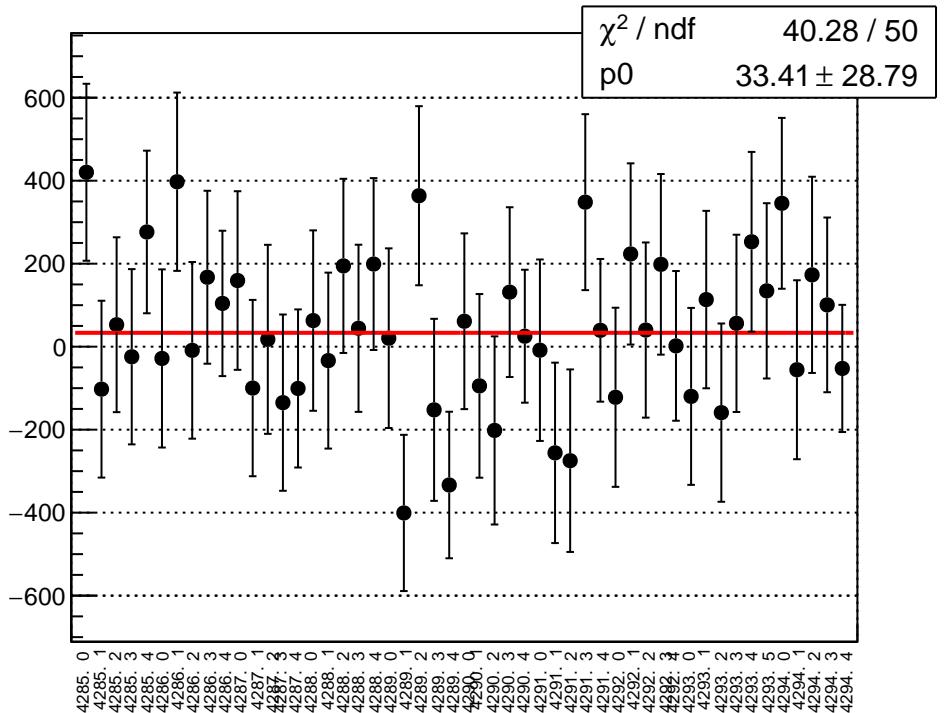
asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs run



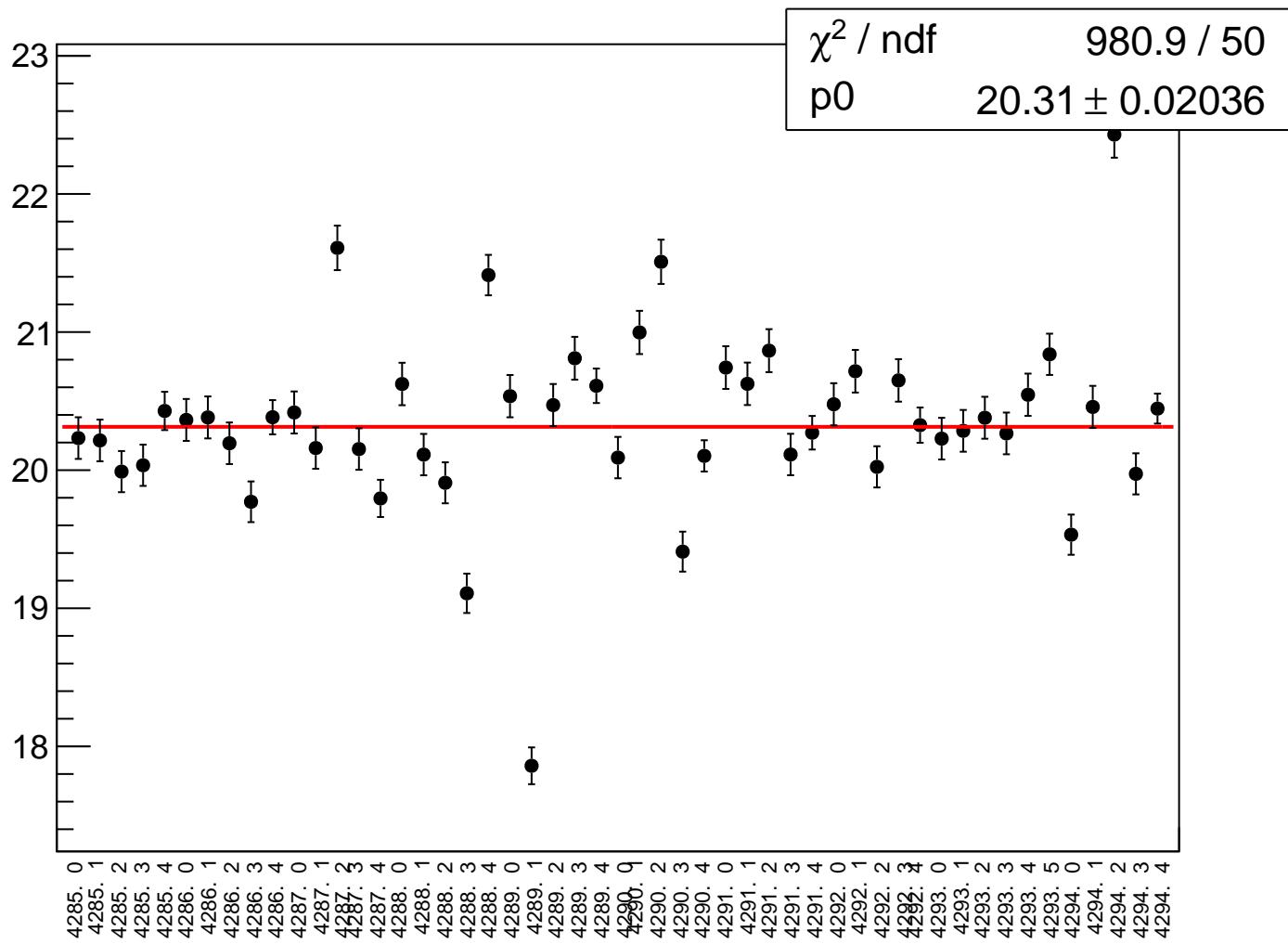
asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs run



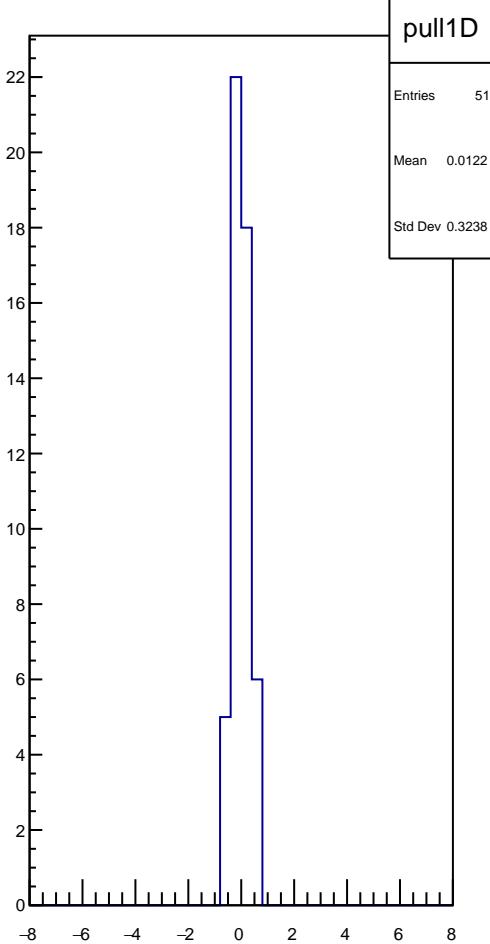
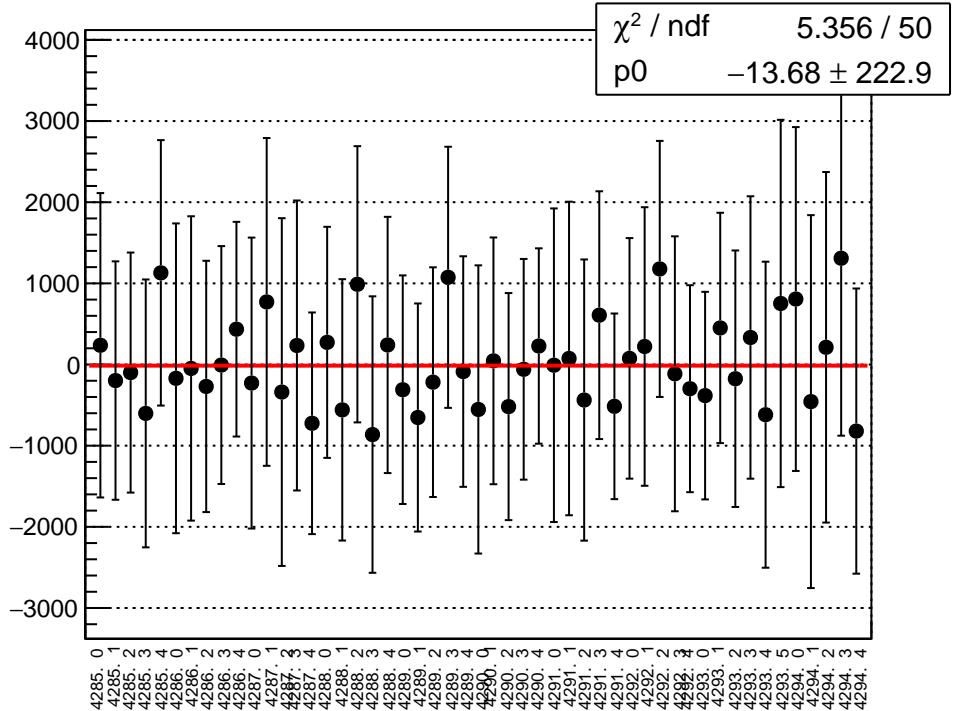
asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs run



asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs run

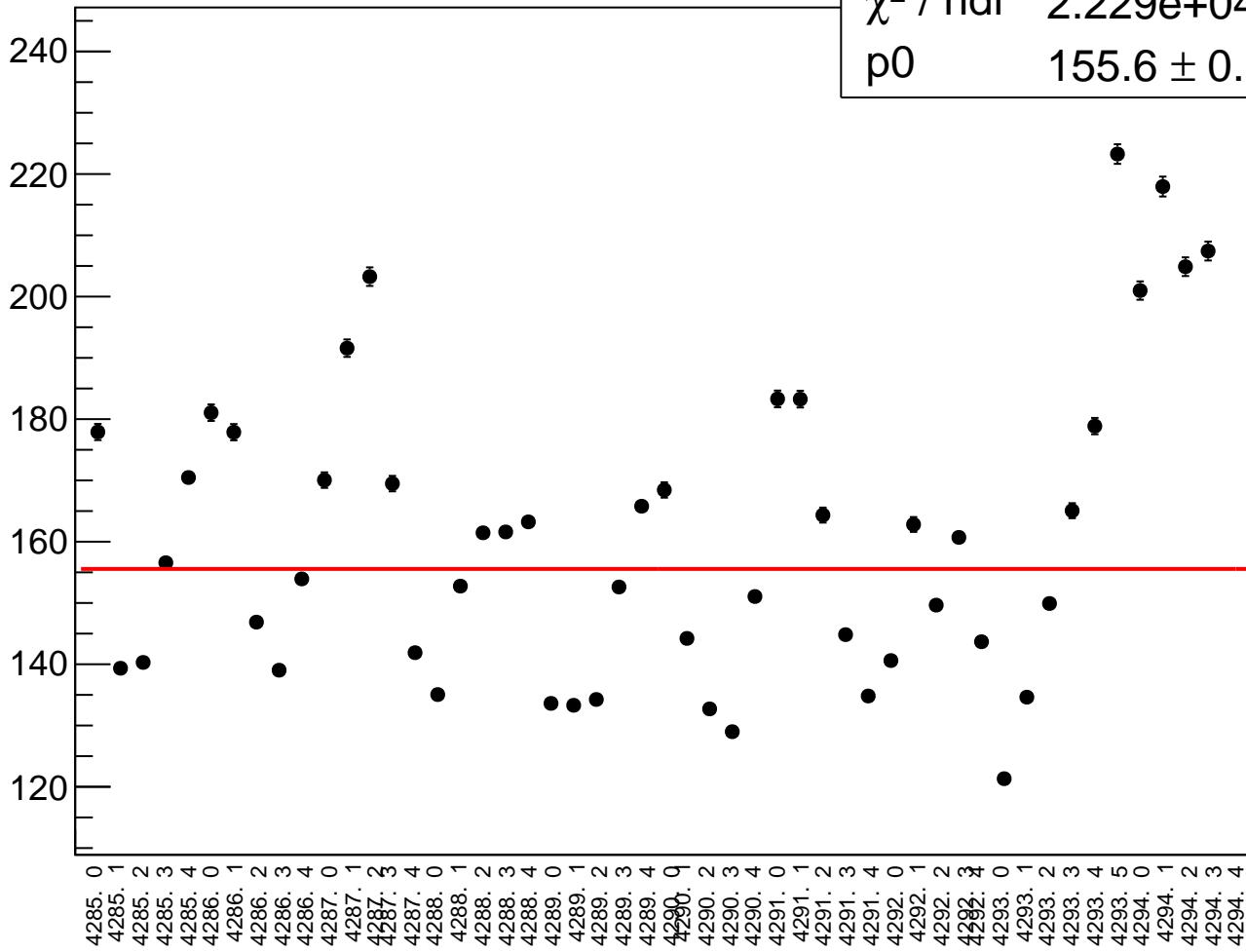


asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs run

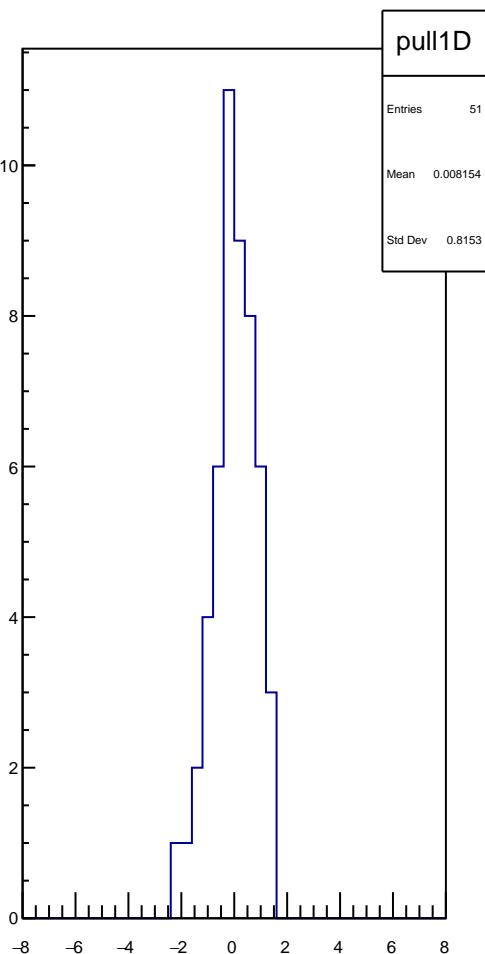
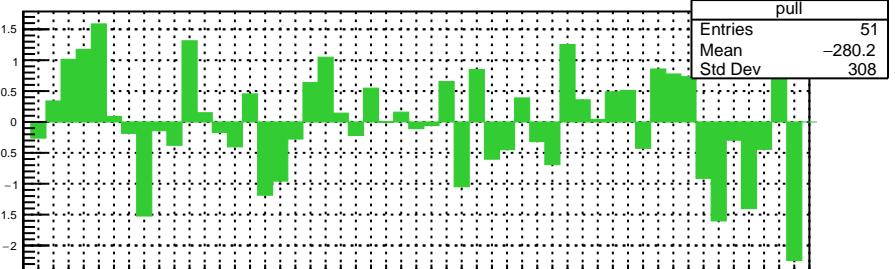
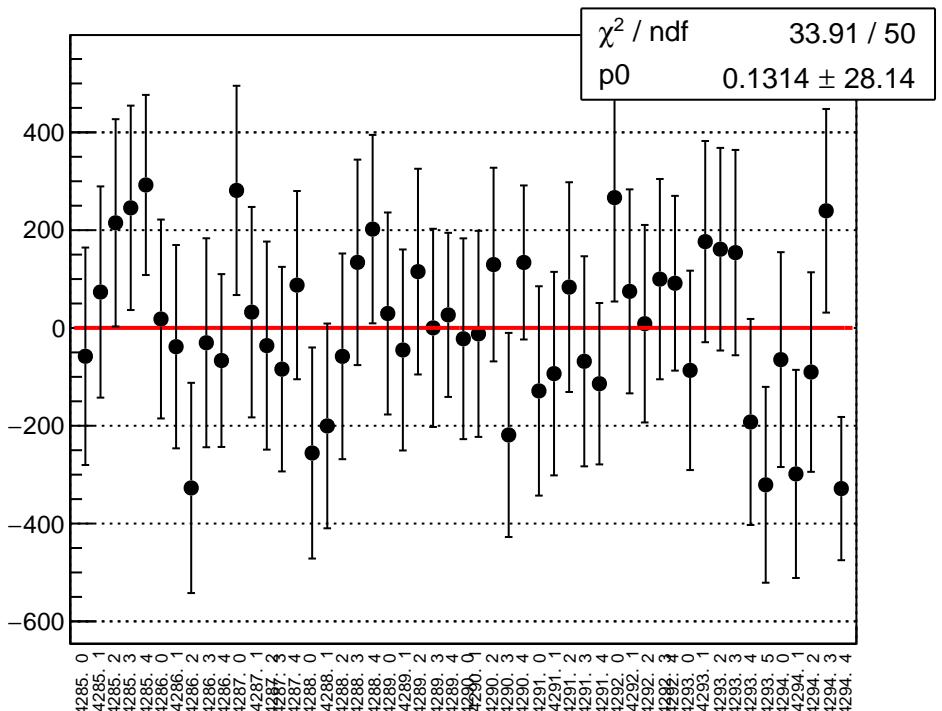


asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs run

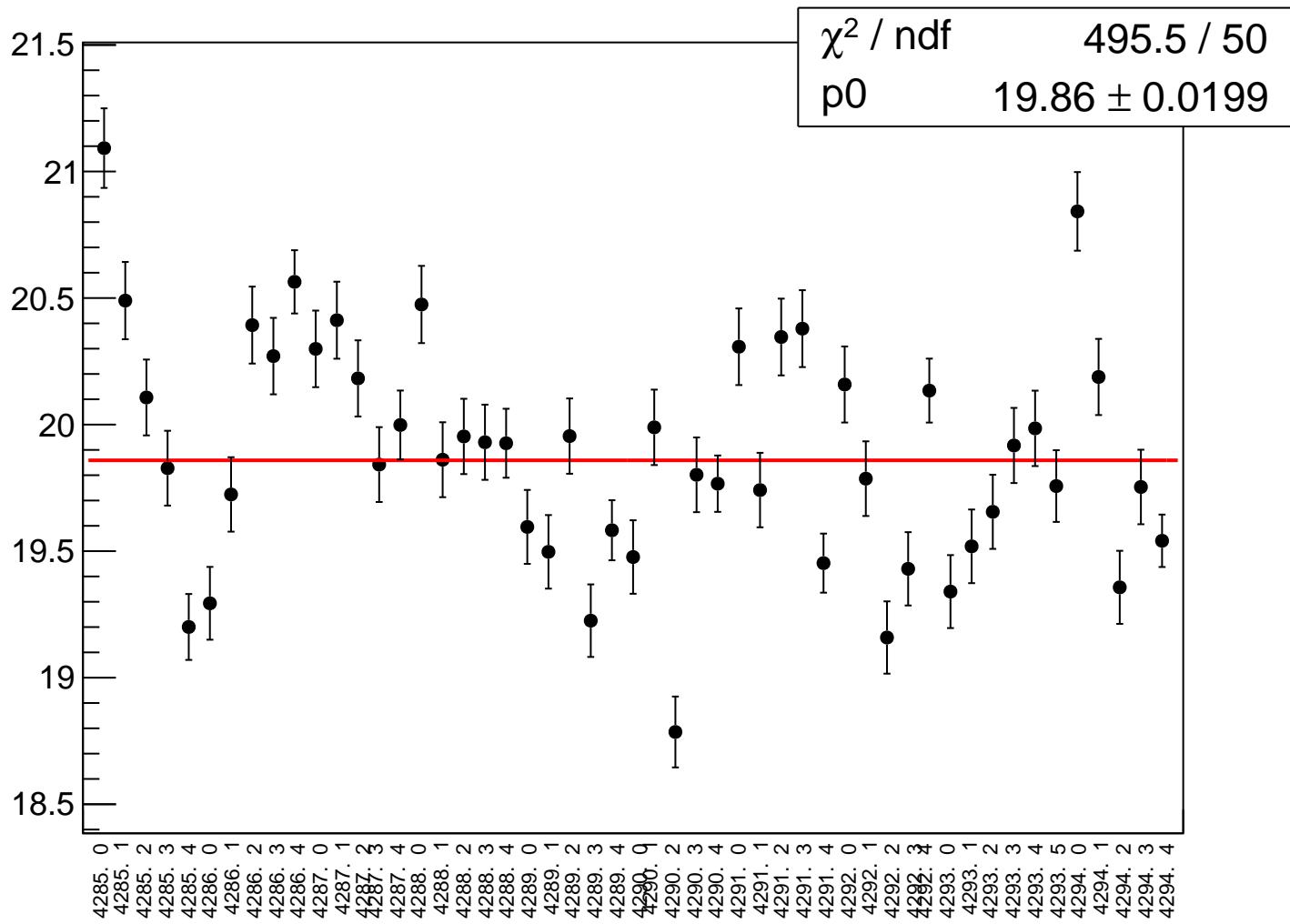
χ^2 / ndf 2.229e+04 / 50
p0 155.6 ± 0.1576



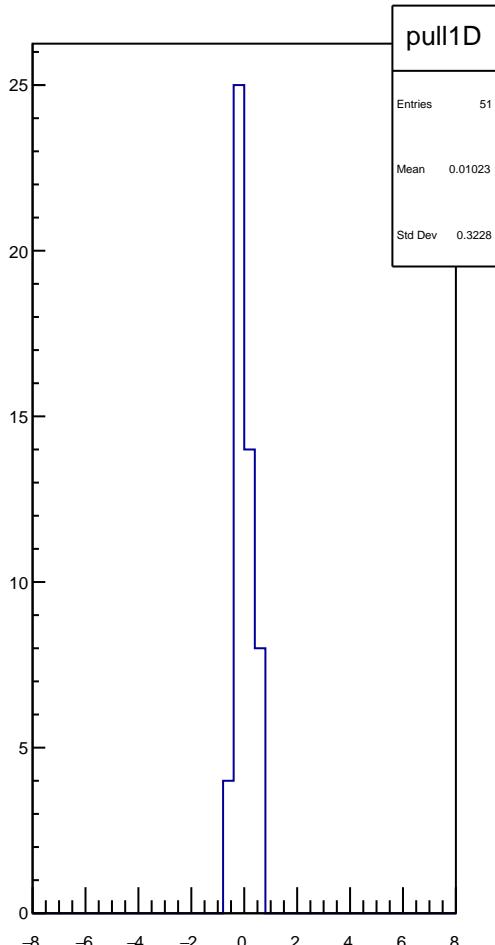
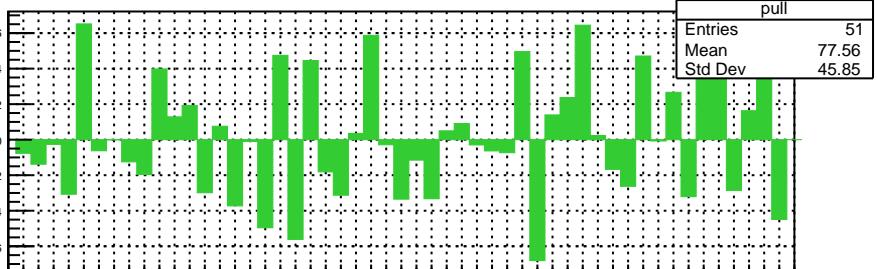
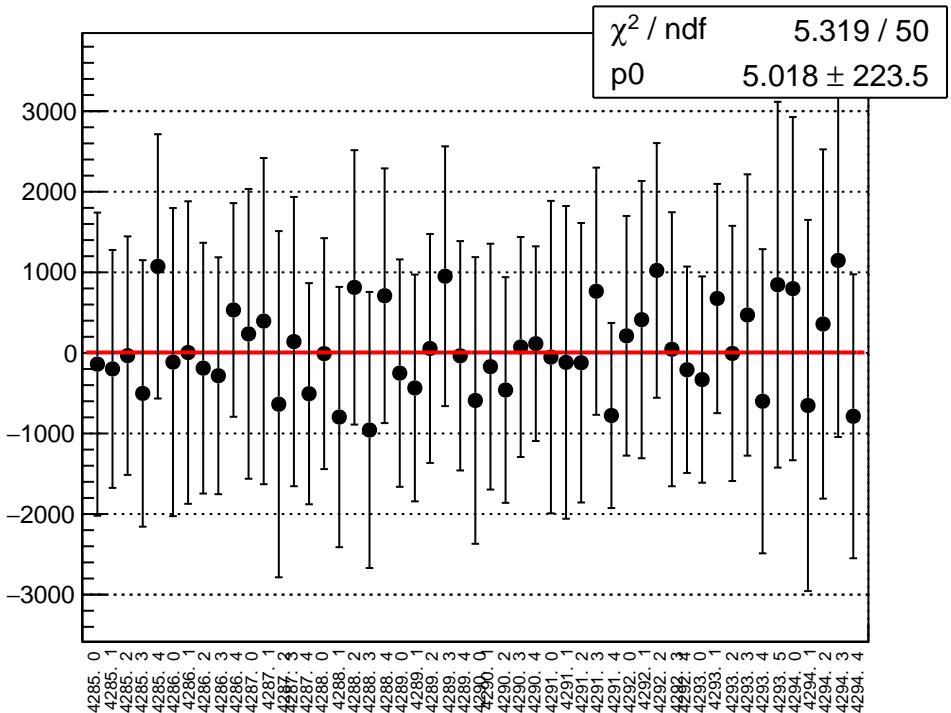
asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs run



asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs run

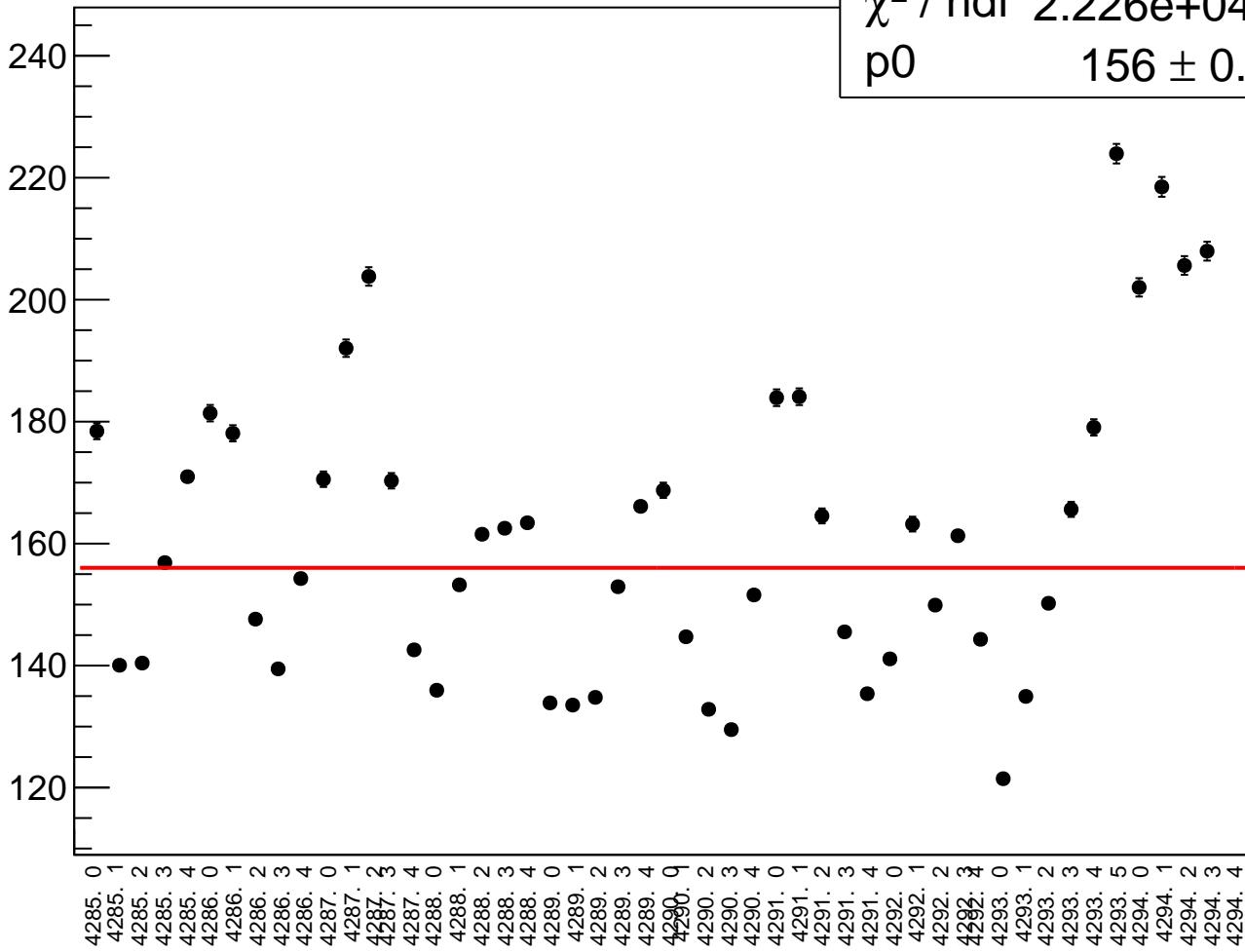


asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs run

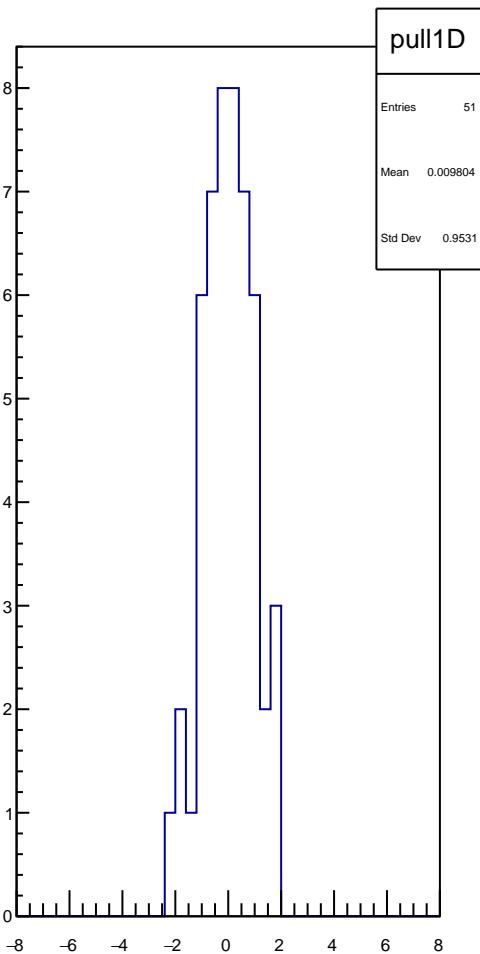
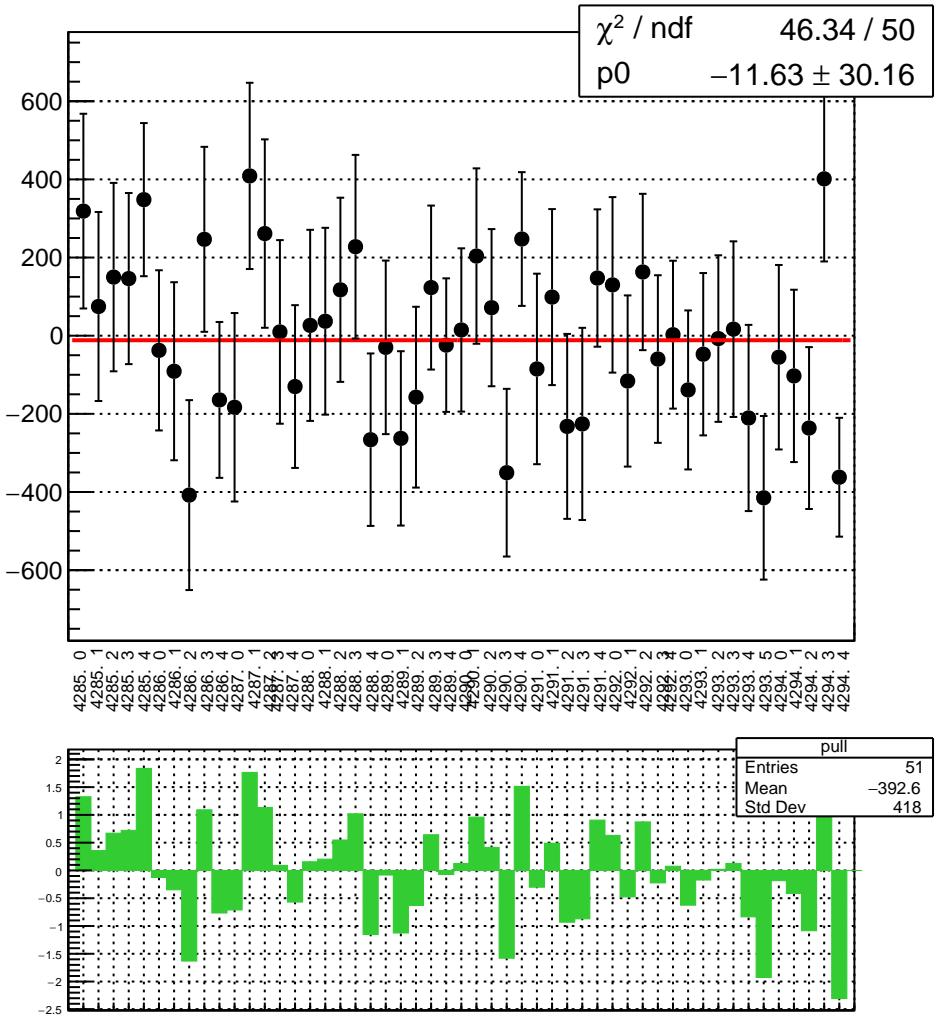


asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs run

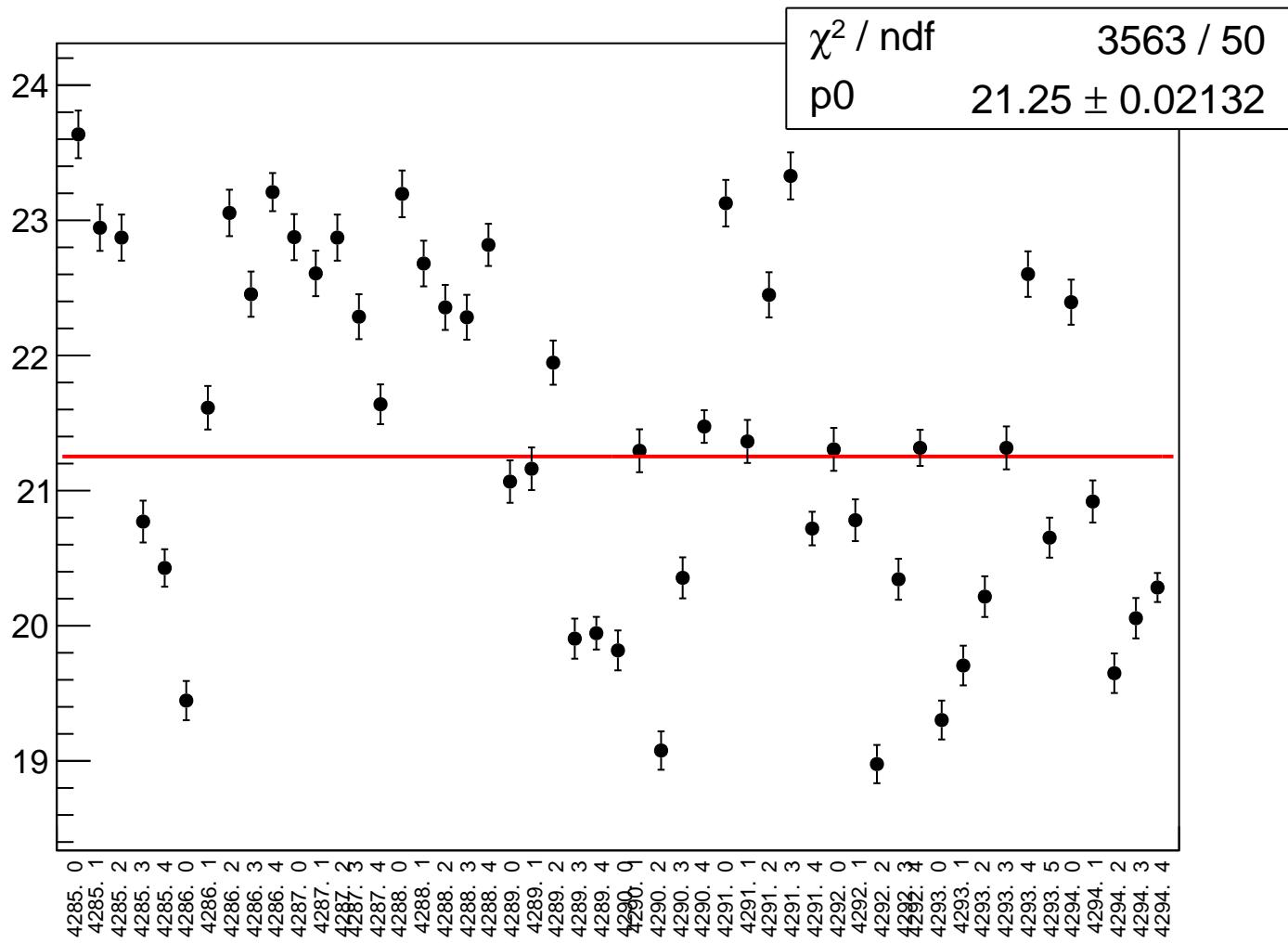
χ^2 / ndf $2.226\text{e+04} / 50$
p0 156 ± 0.1581



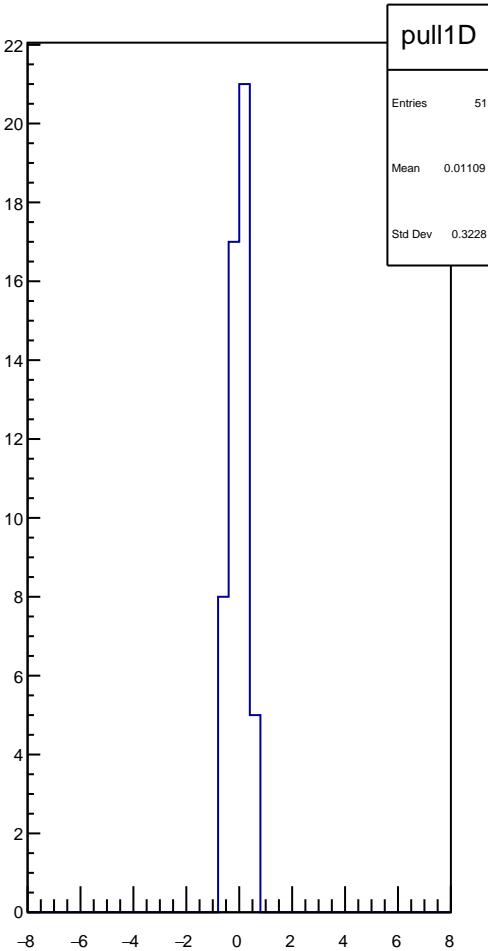
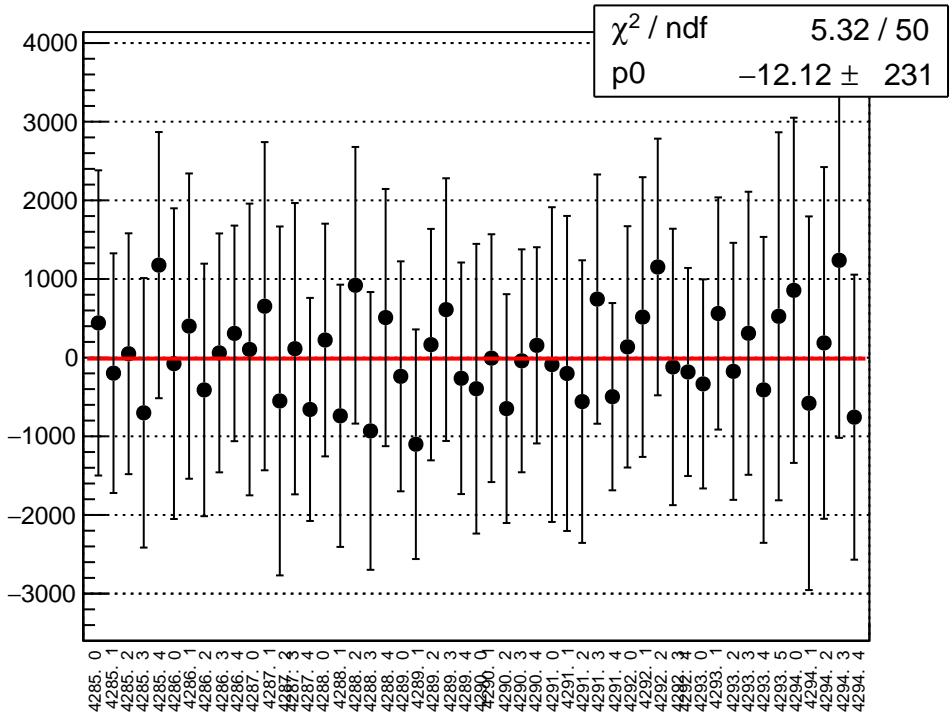
asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs run



asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs run

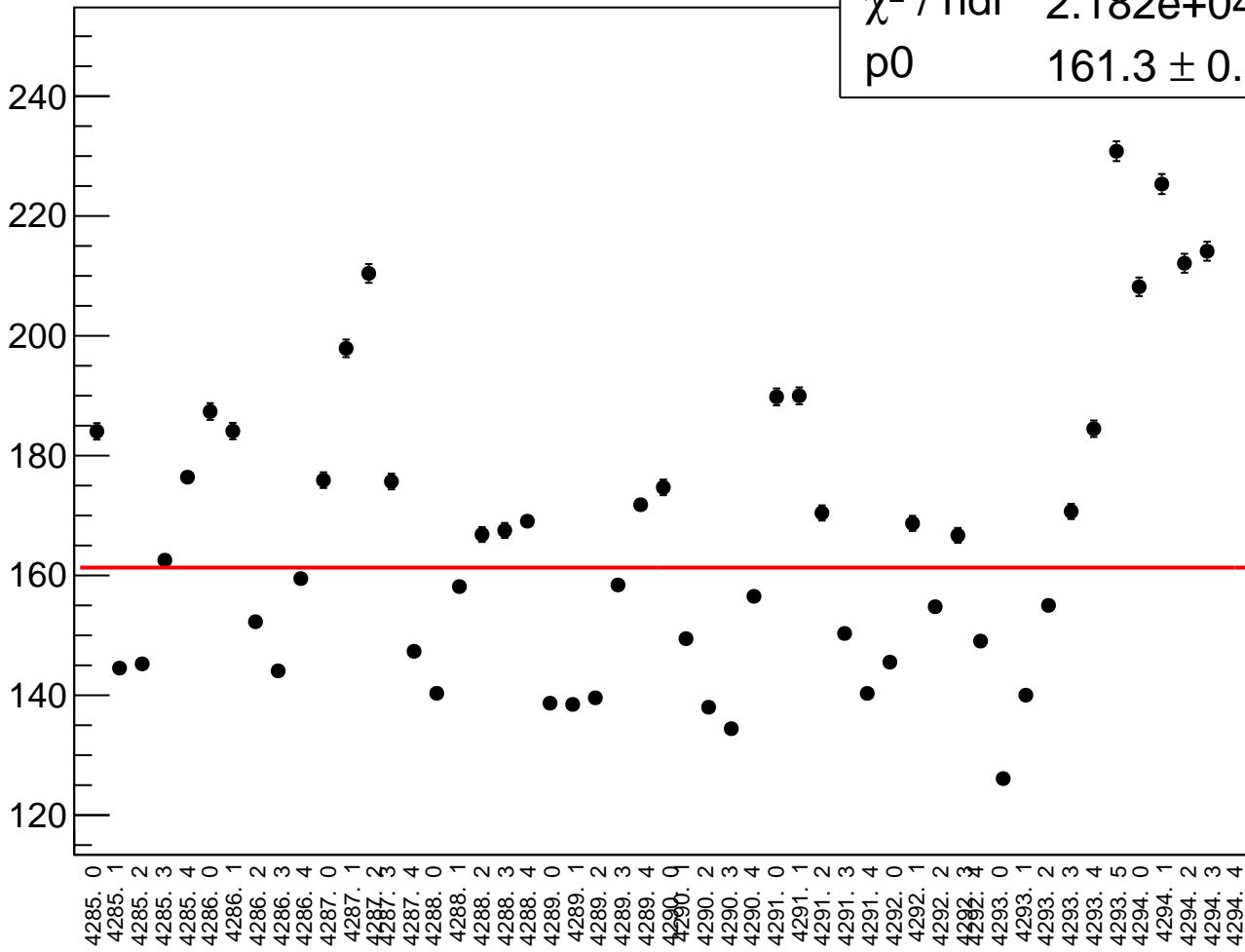


asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs run

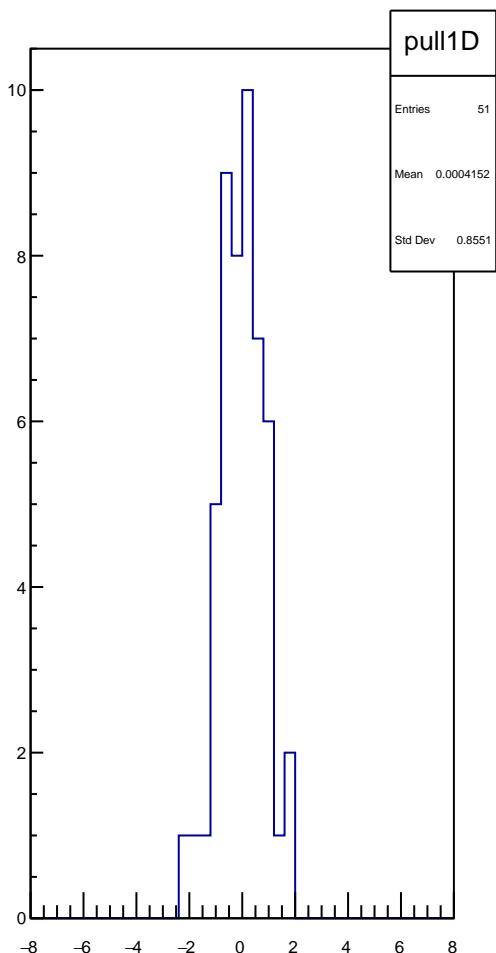
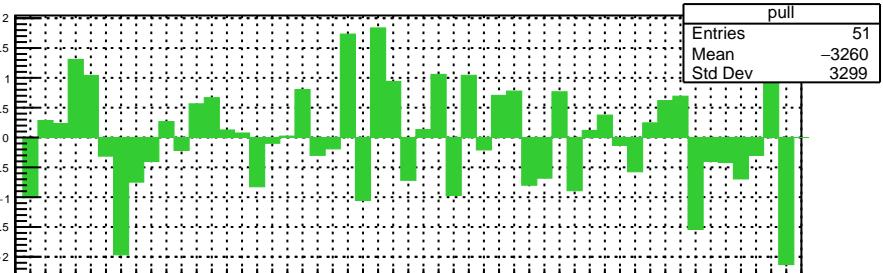
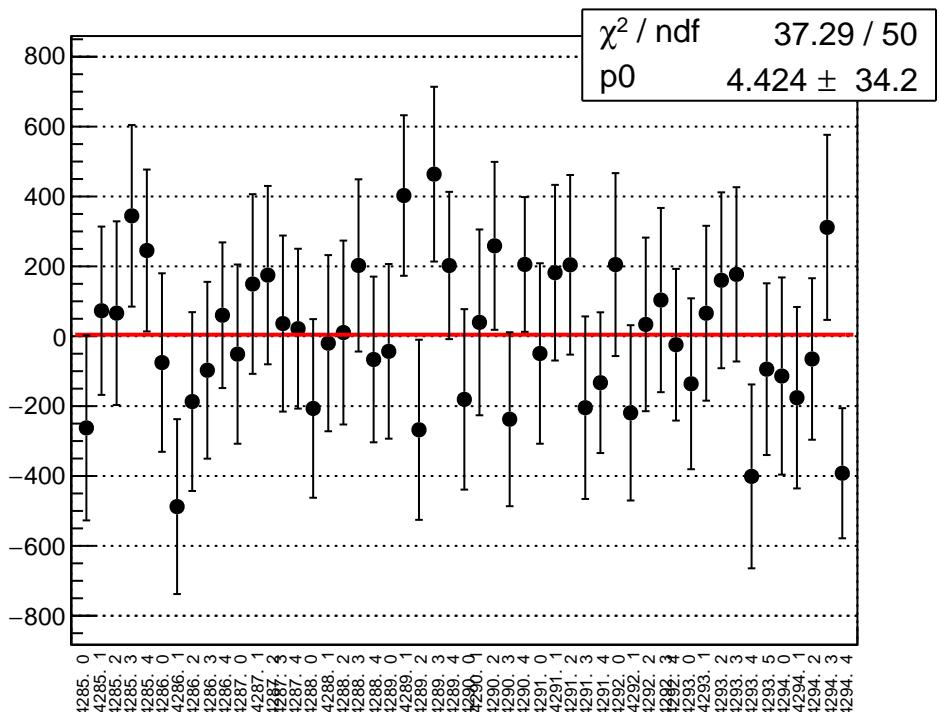


asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs run

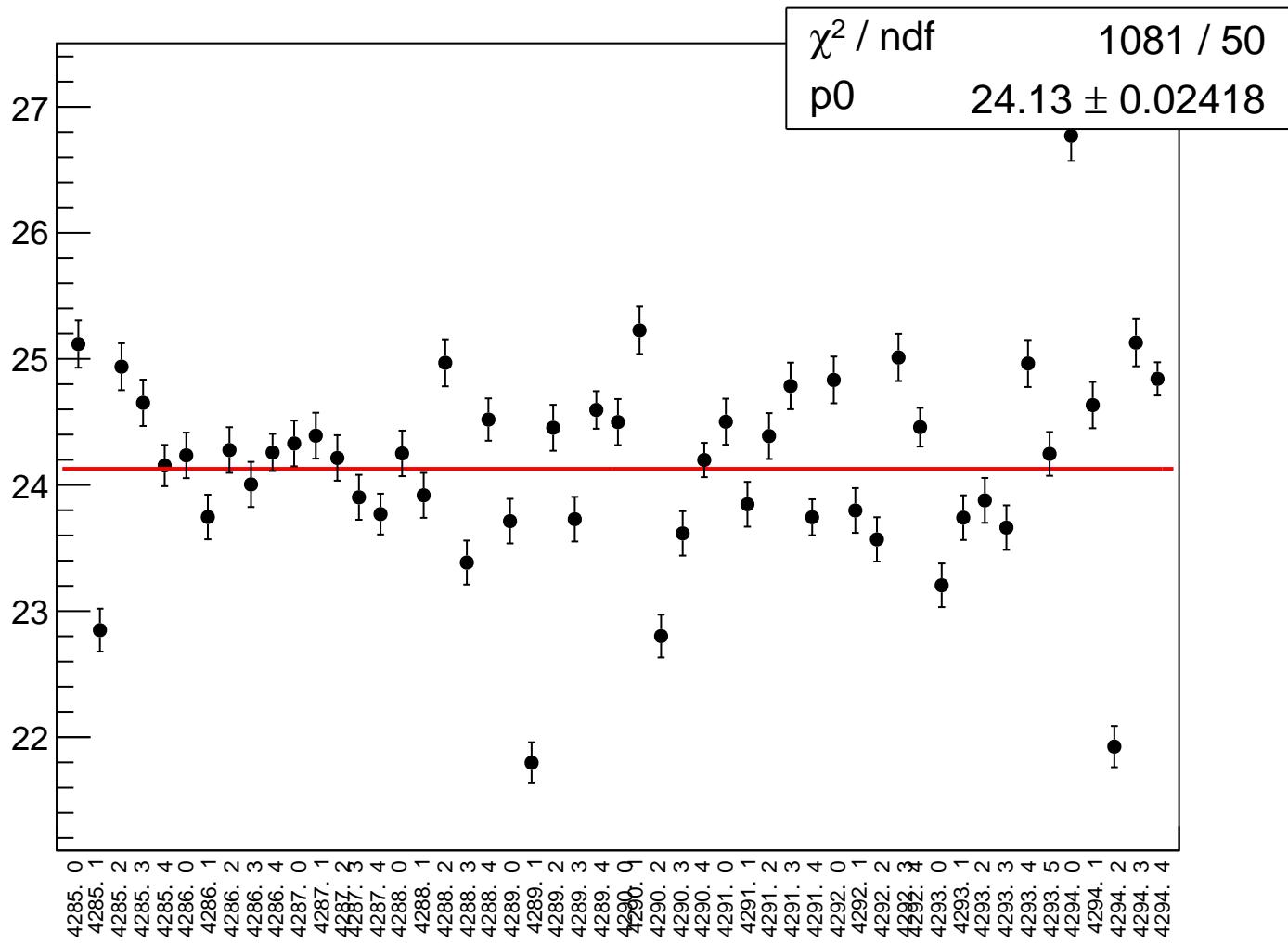
χ^2 / ndf 2.182e+04 / 50
p0 161.3 ± 0.1634



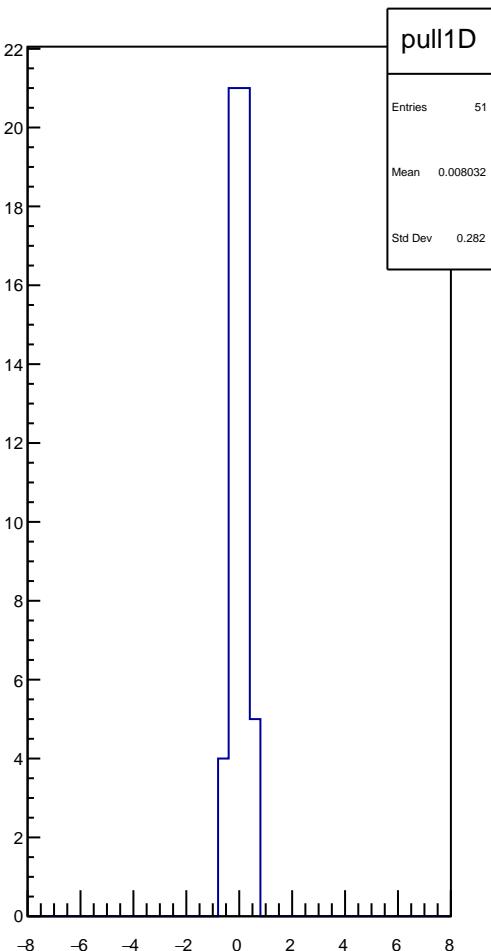
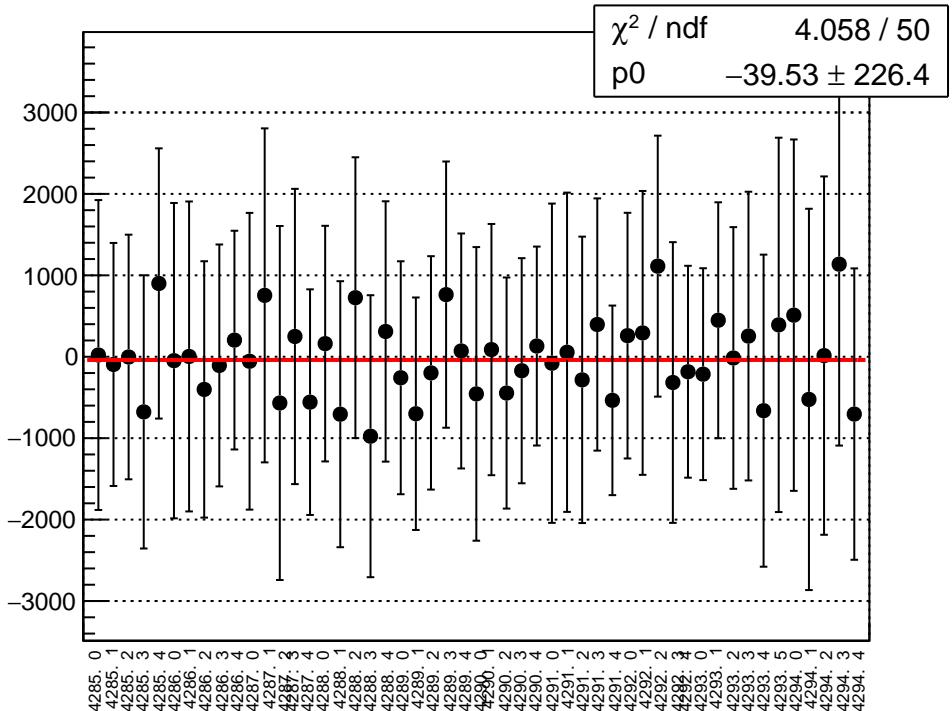
asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs run



asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs run

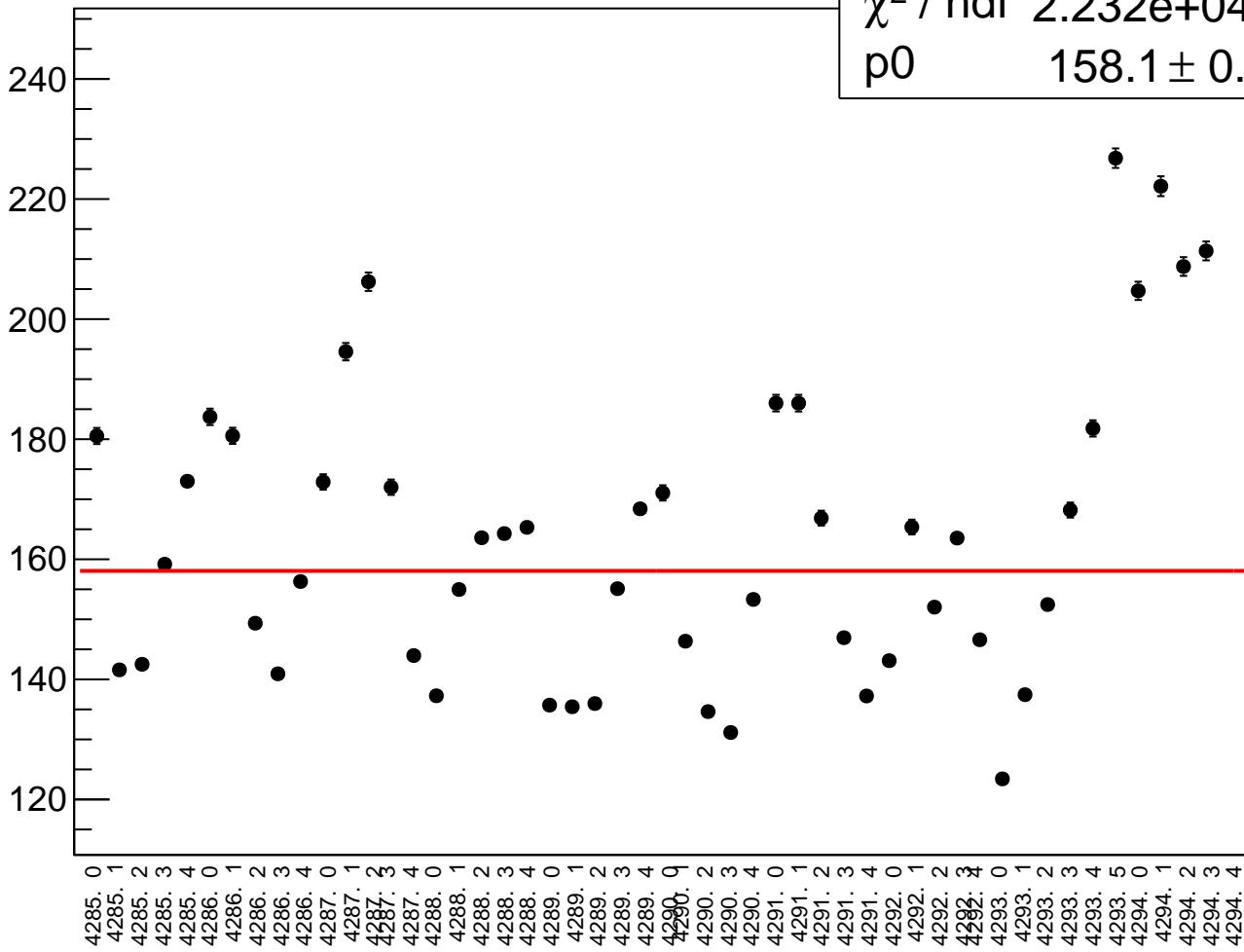


asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs run

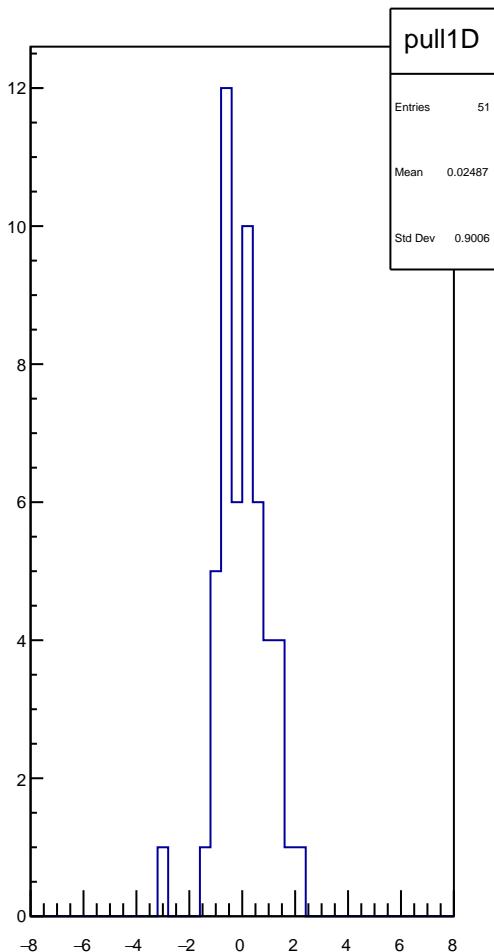
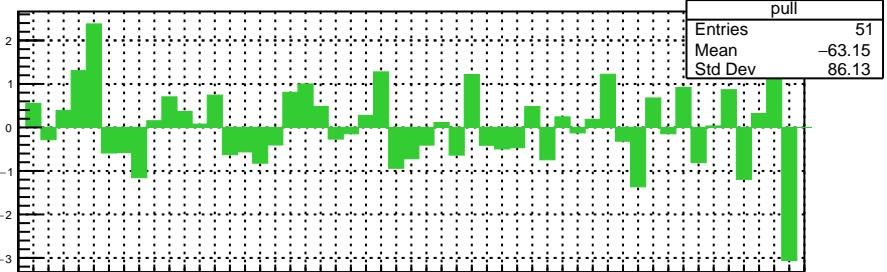
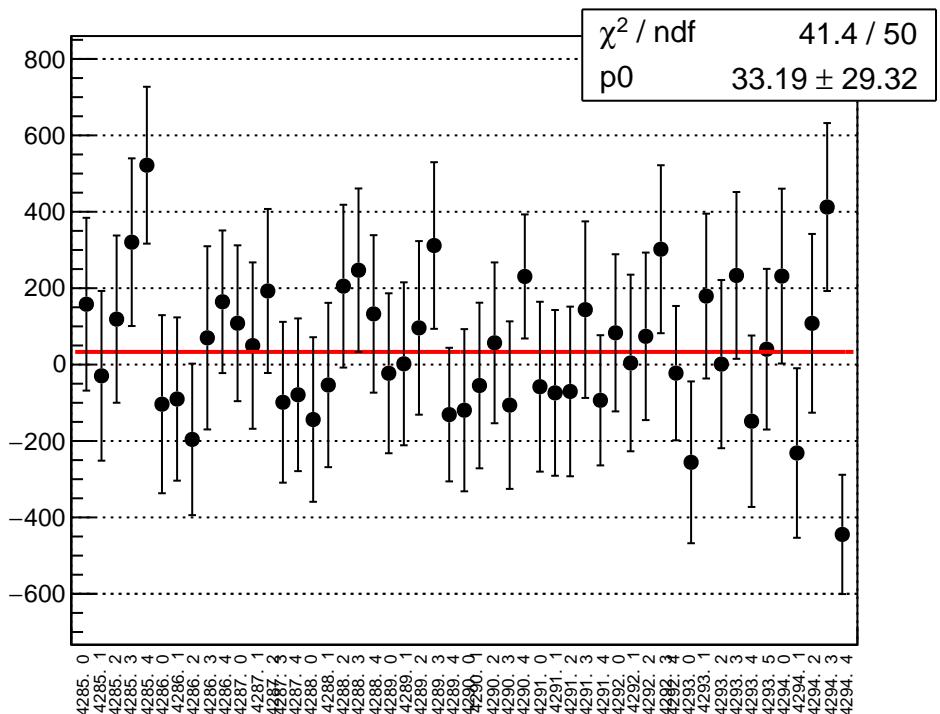


asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs run

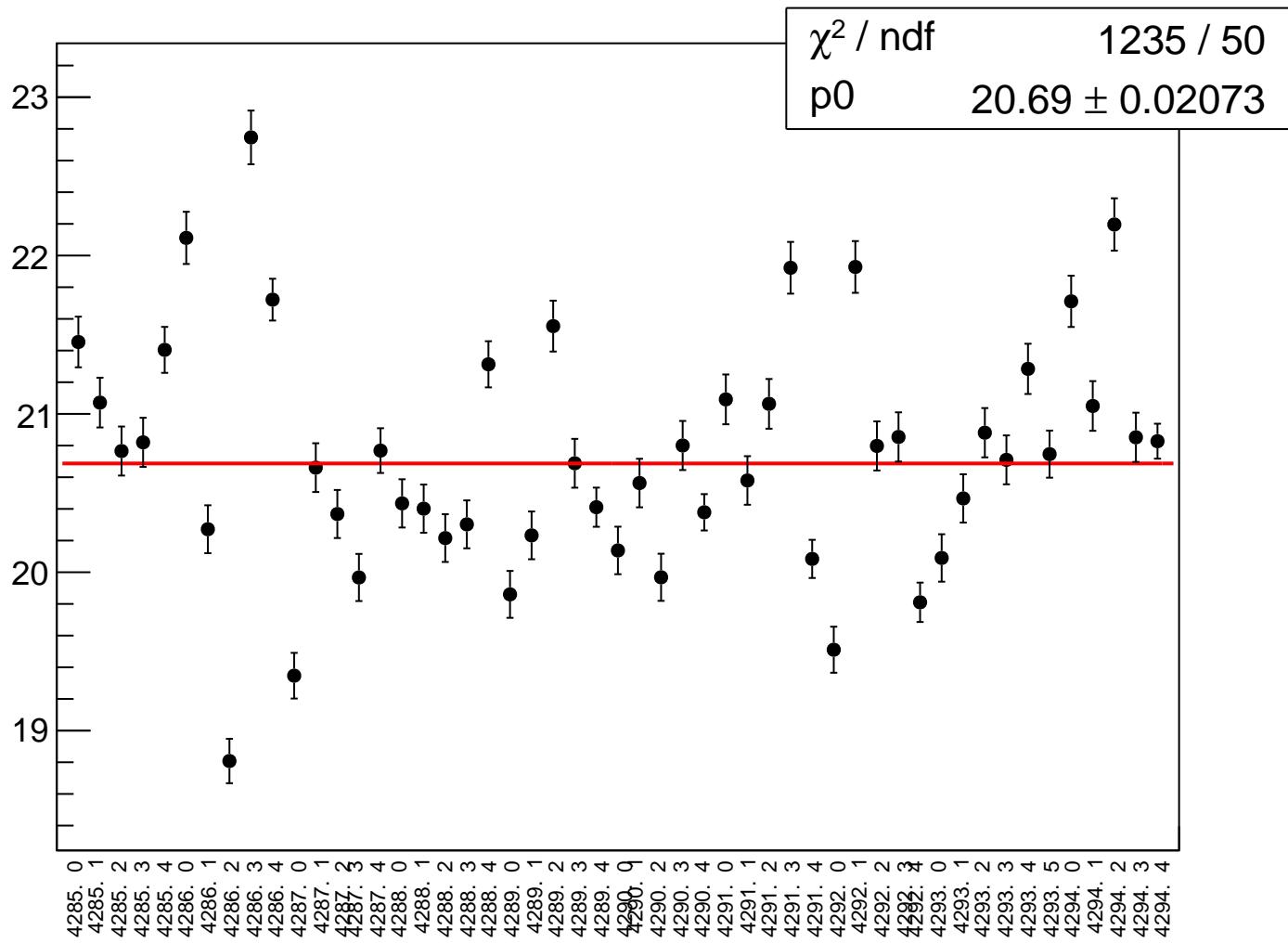
χ^2 / ndf 2.232e+04 / 50
p0 158.1 ± 0.1601



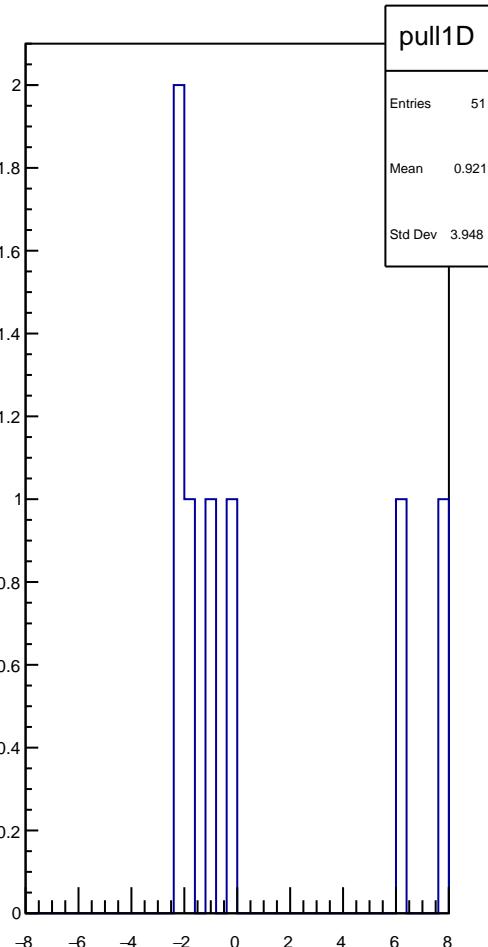
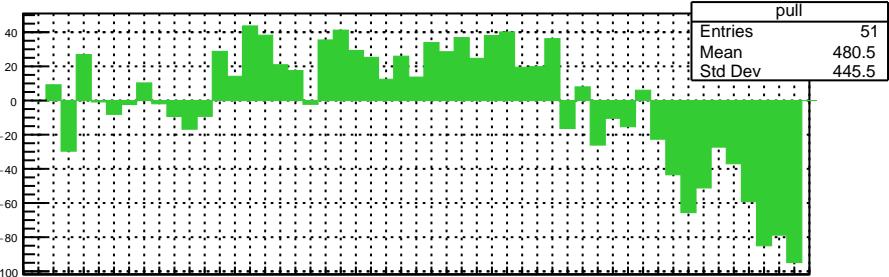
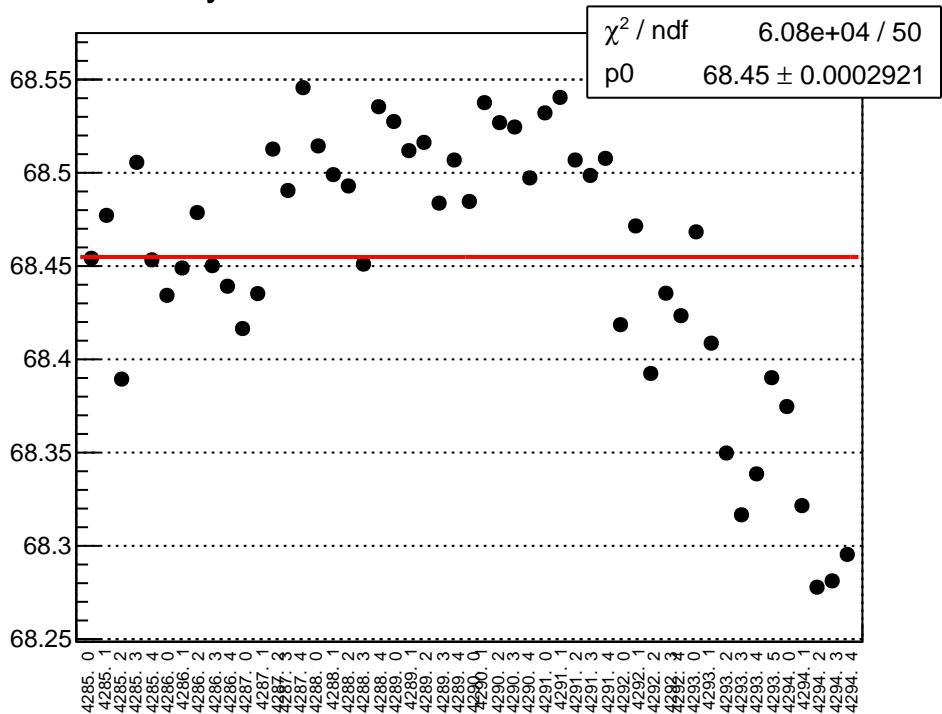
asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs run



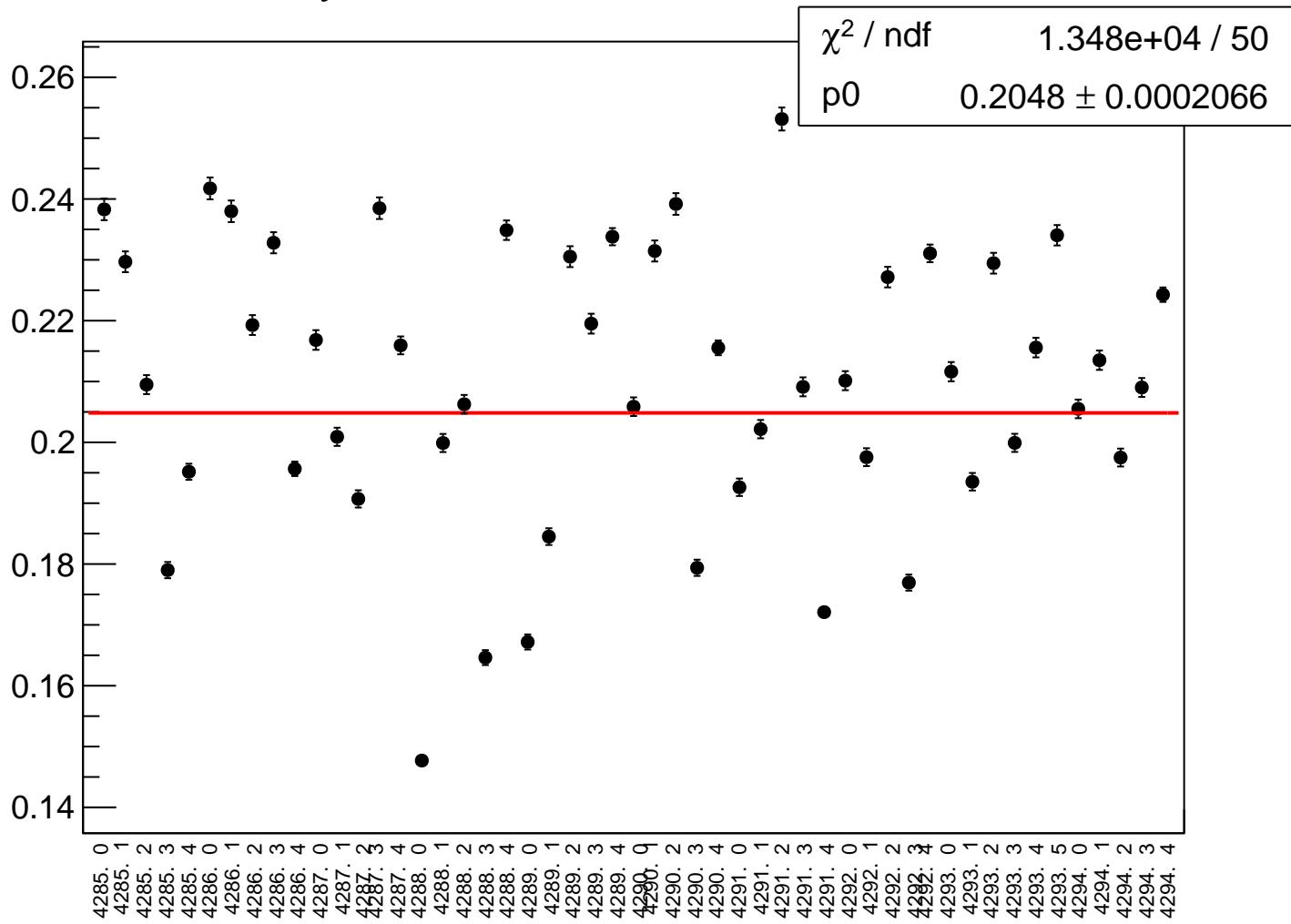
asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs run



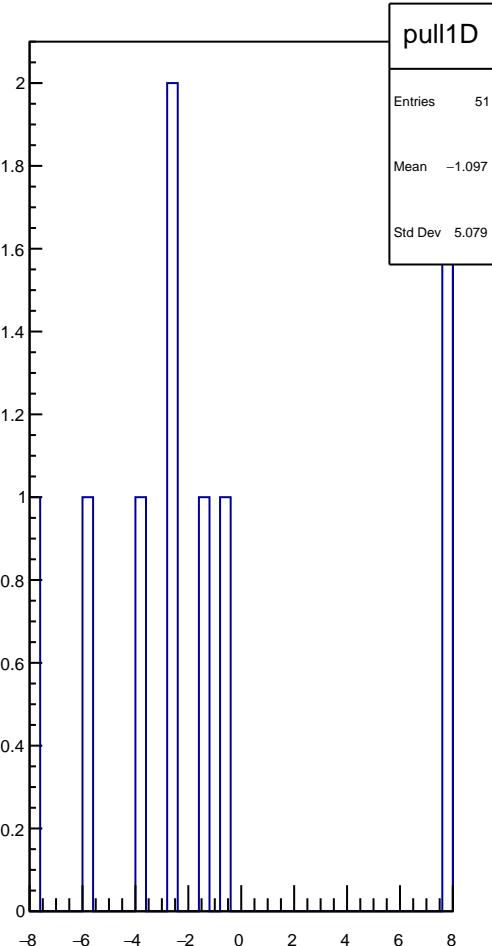
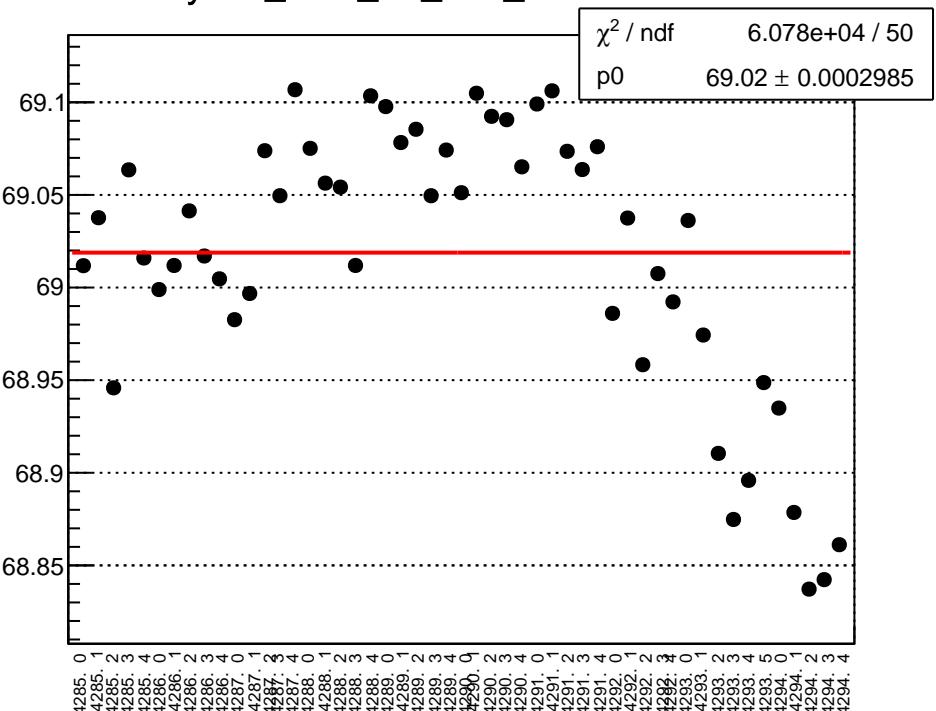
yield_bcm_an_ds_mean vs run



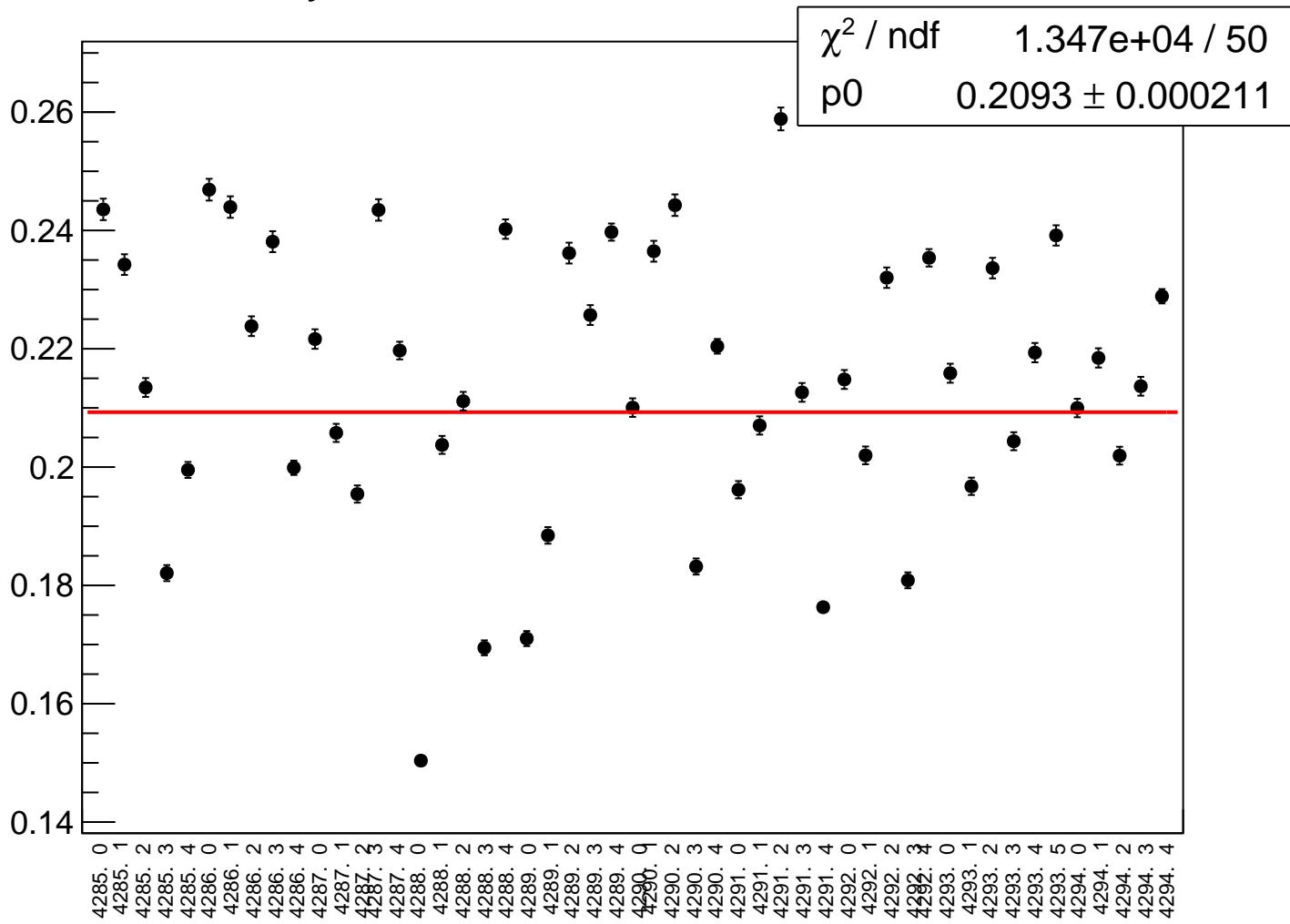
yield_bcm_an_ds_rms vs run



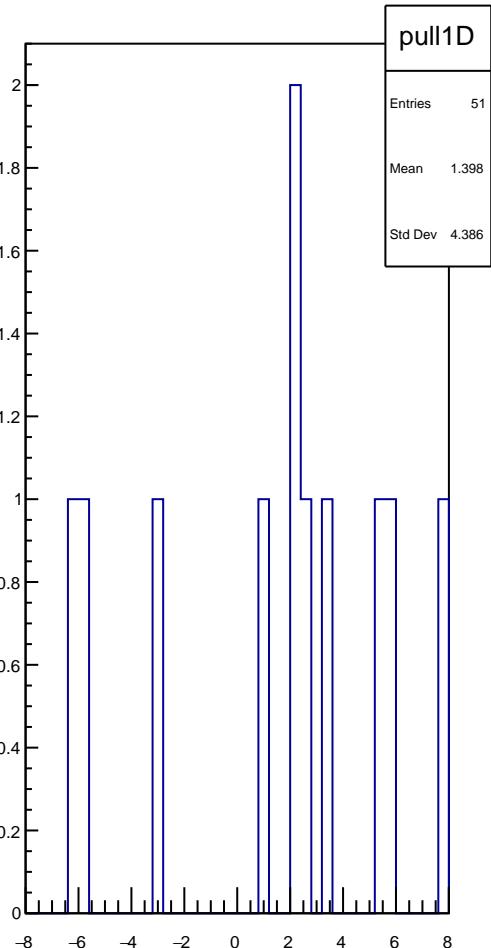
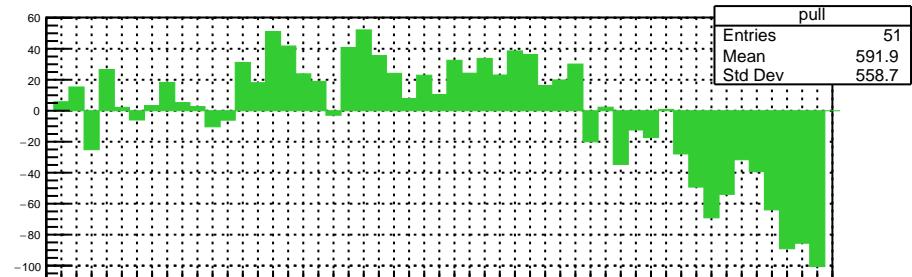
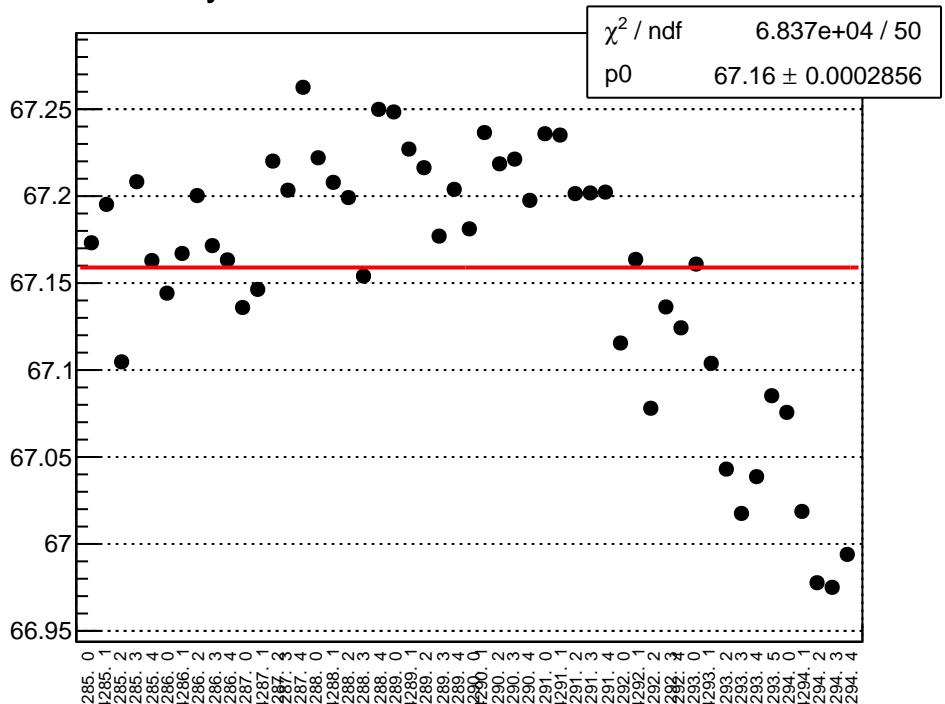
yield_bcm_an_ds3_mean vs run



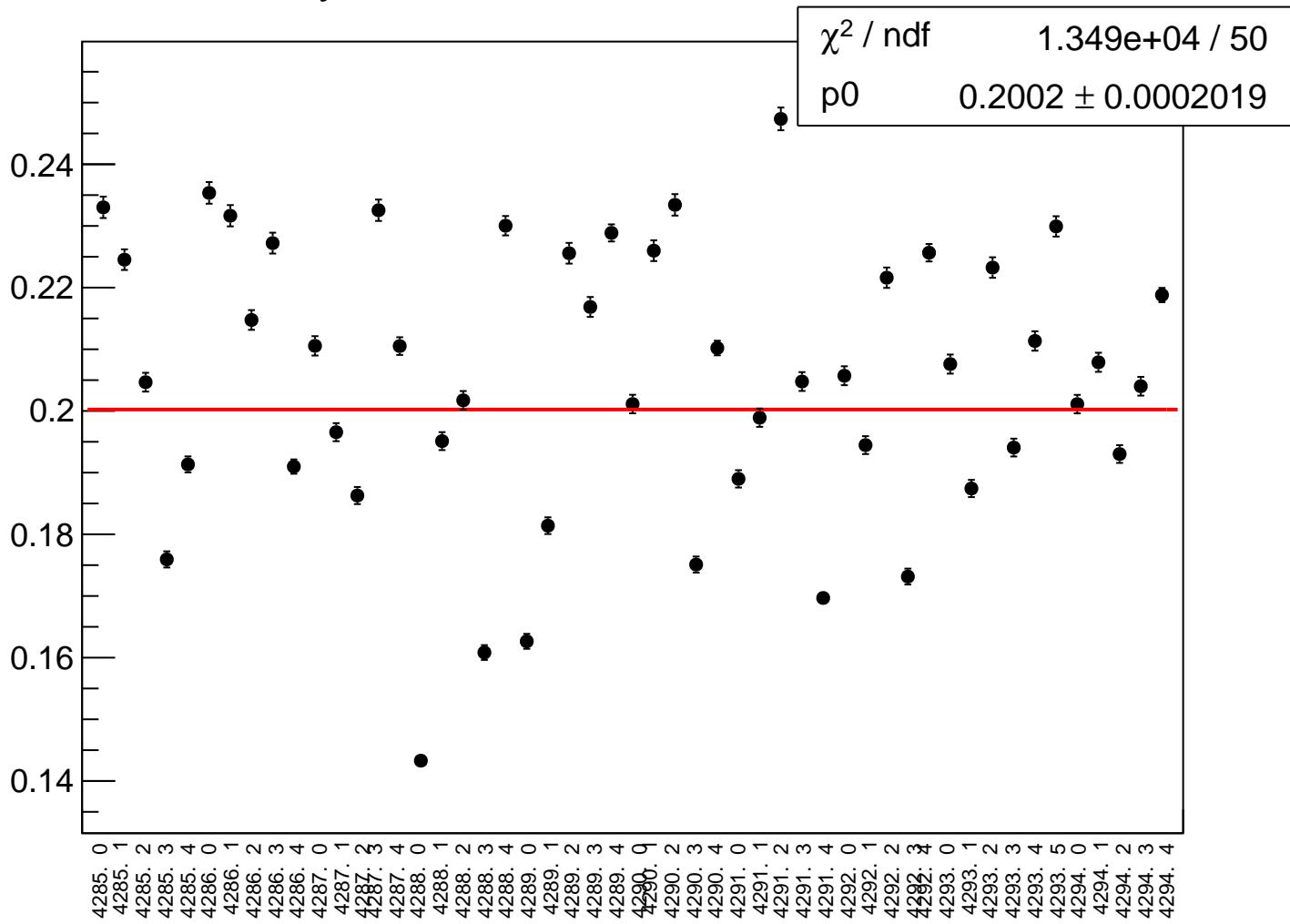
yield_bcm_an_ds3_rms vs run



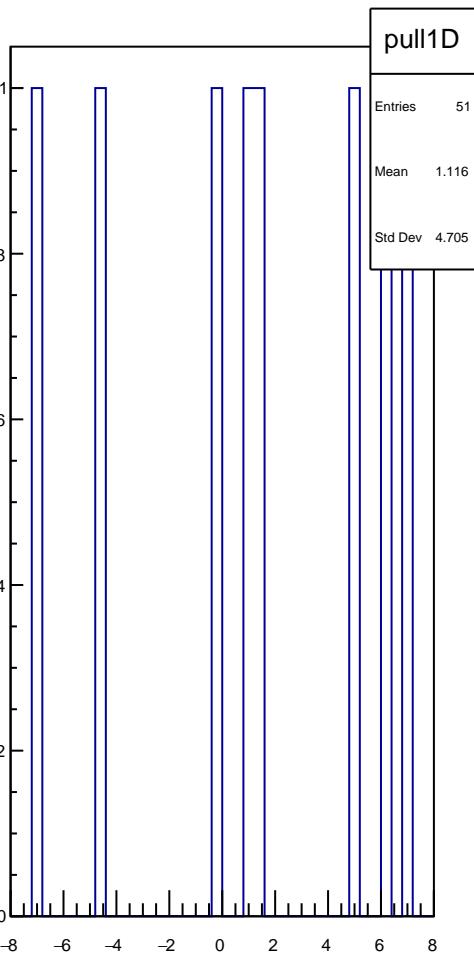
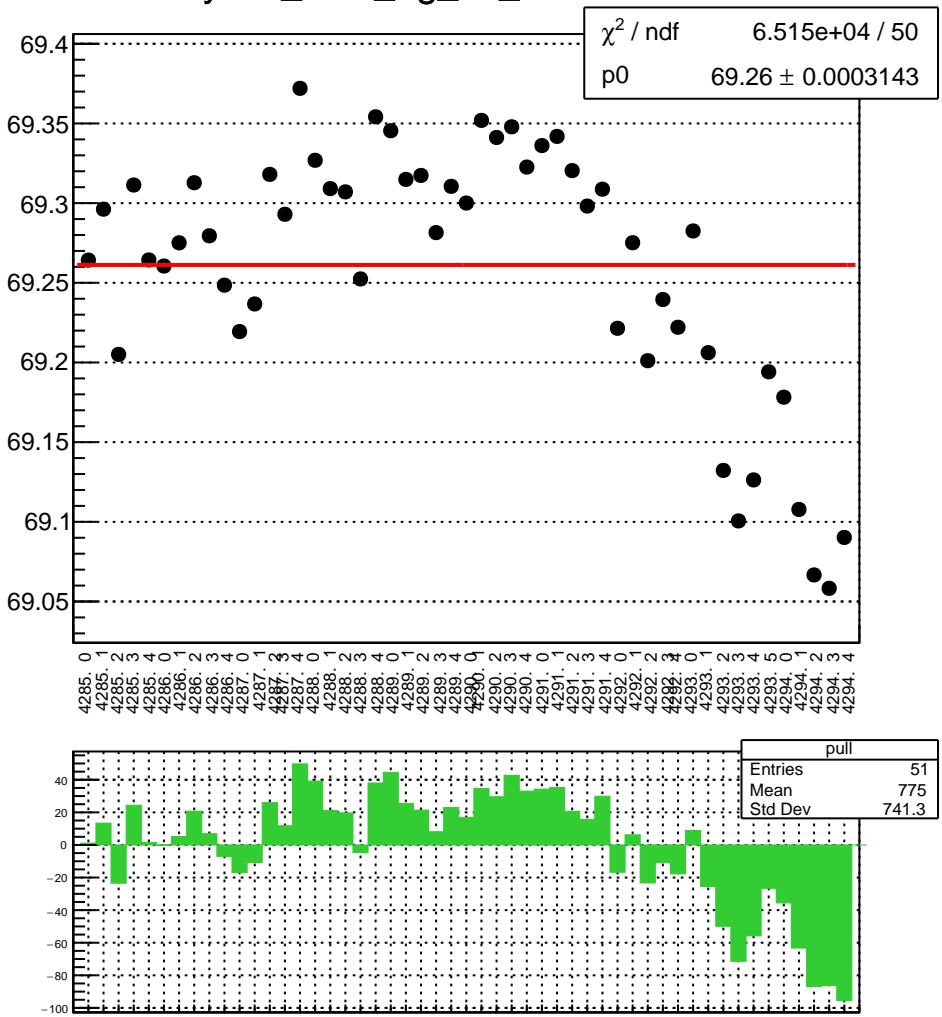
yield_bcm_an_us_mean vs run



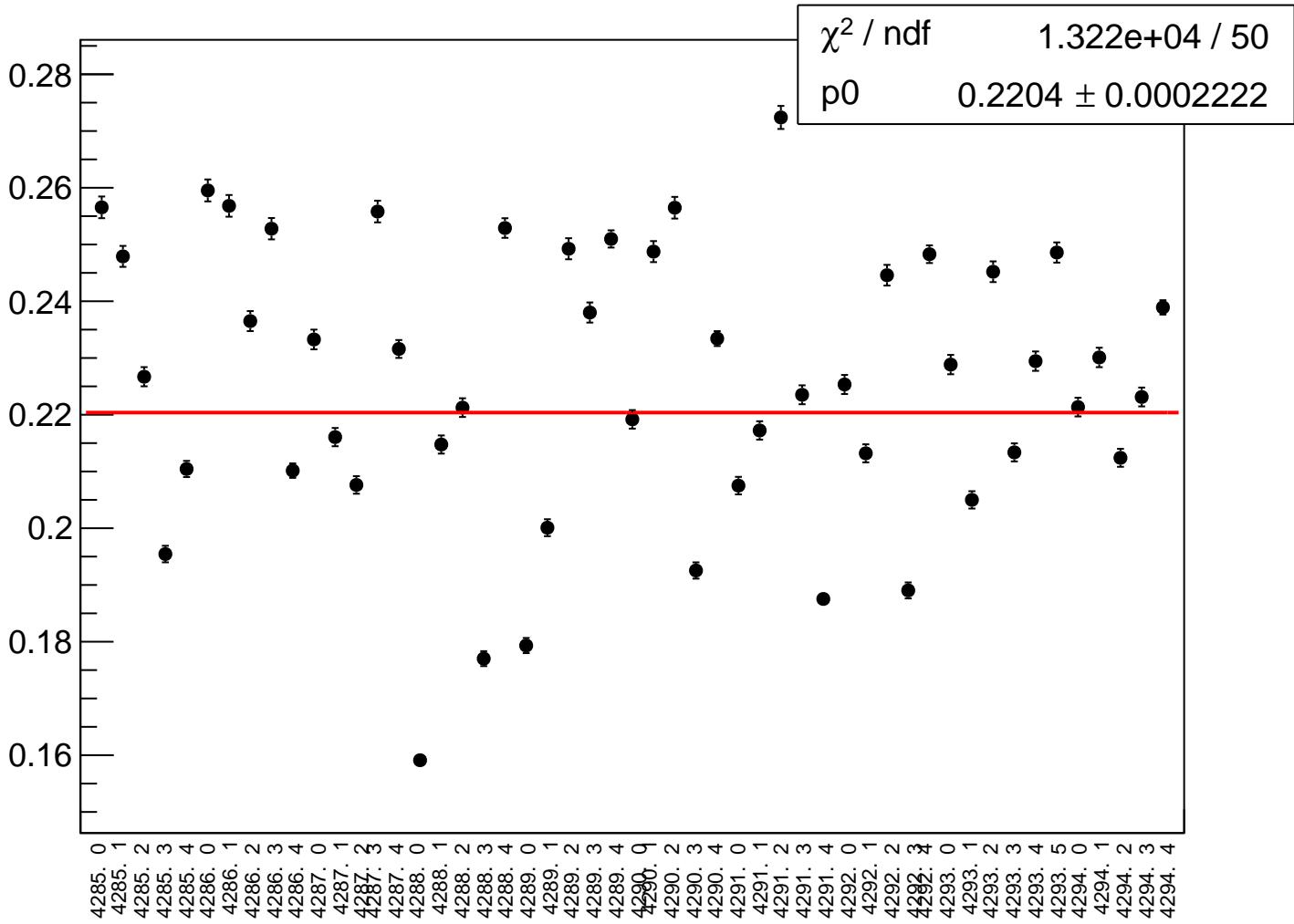
yield_bcm_an_us_rms vs run



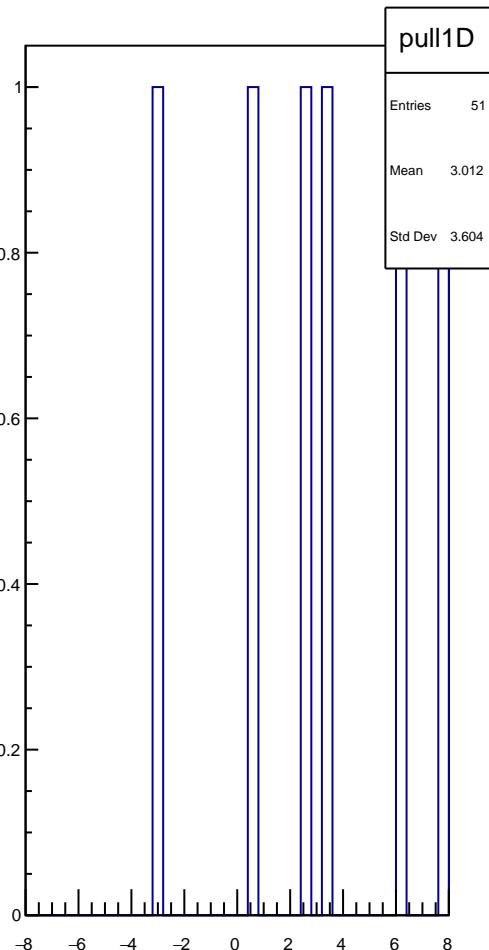
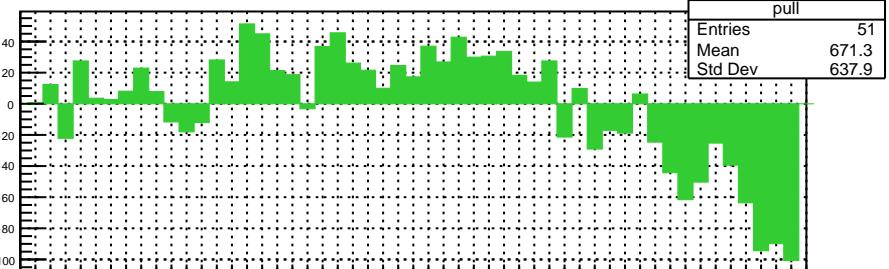
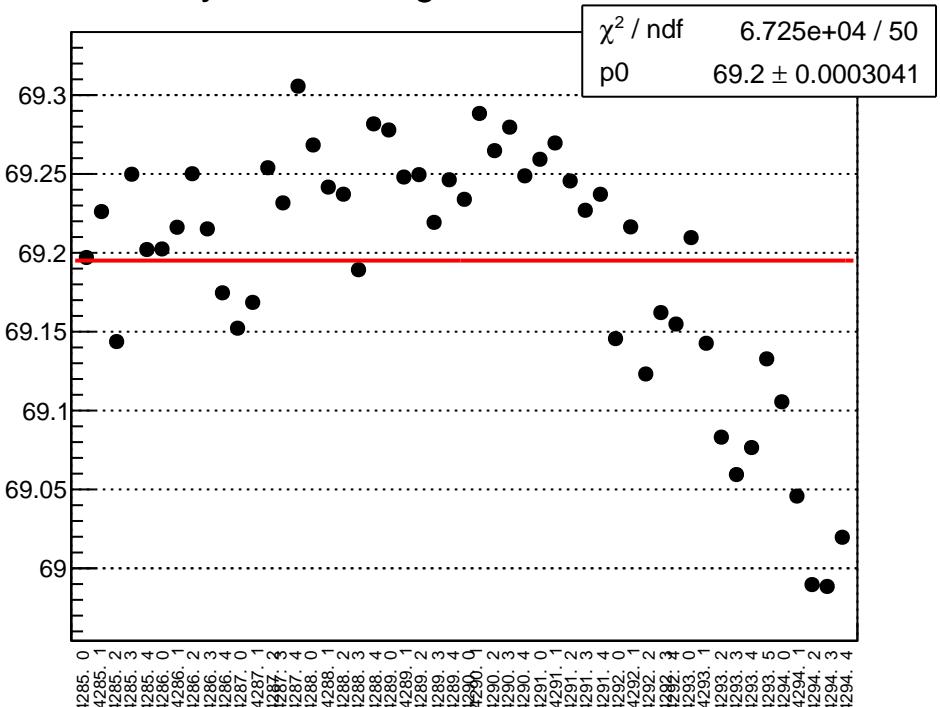
yield_bcm_dg_us_mean vs run



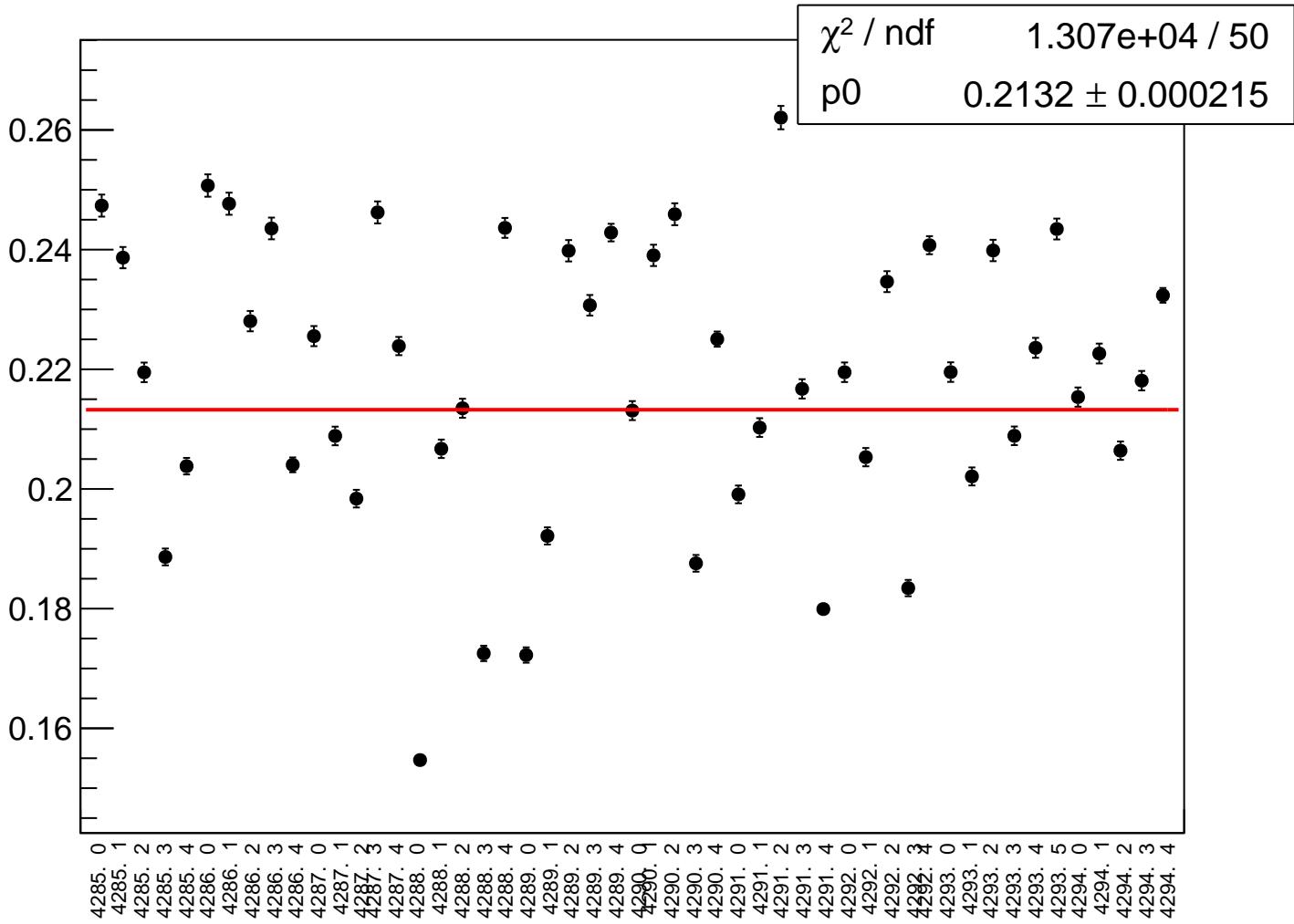
yield_bcm_dg_us_rms vs run



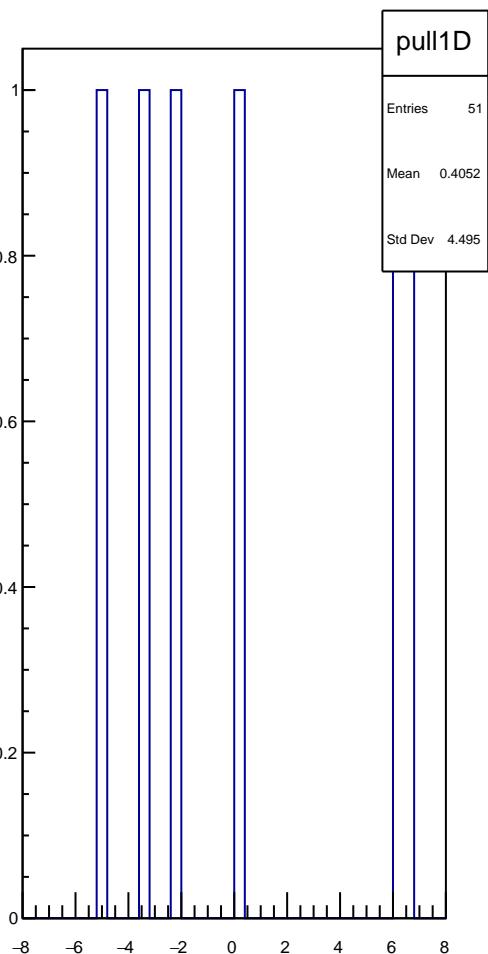
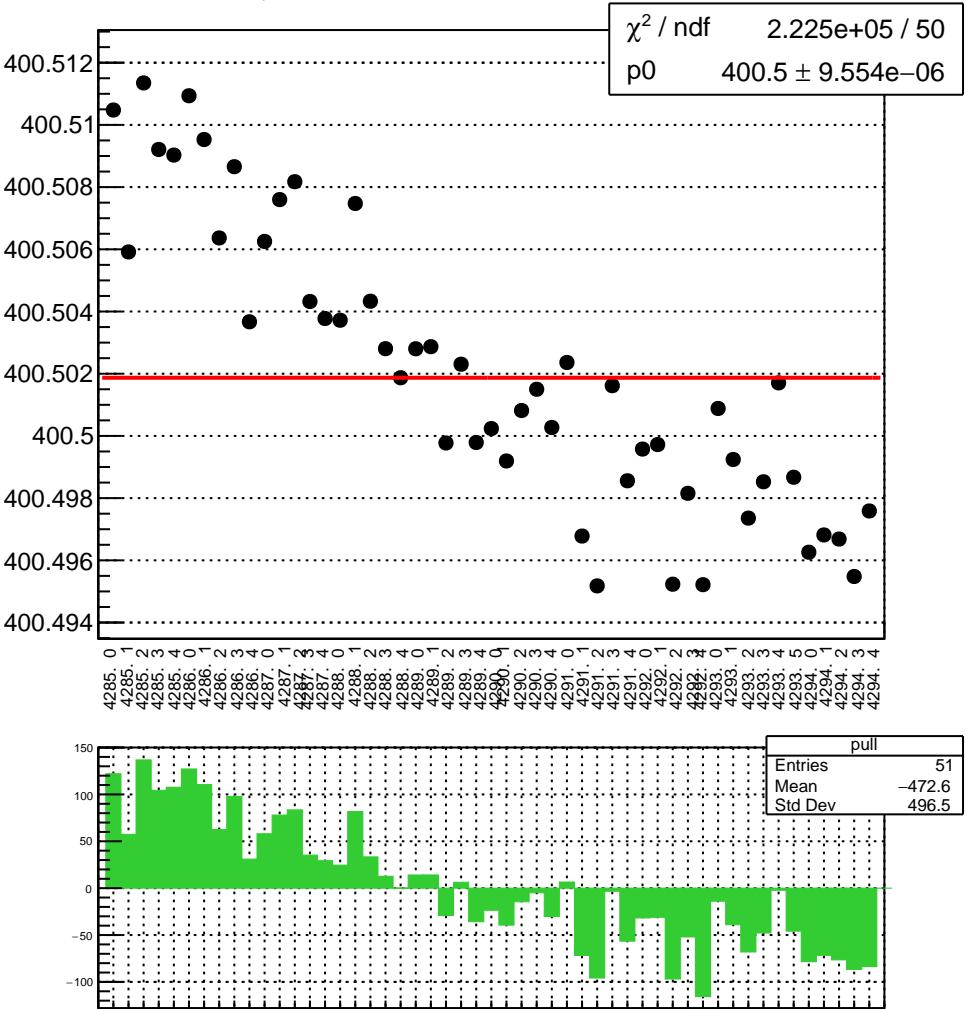
yield_bcm_dg_ds_mean vs run



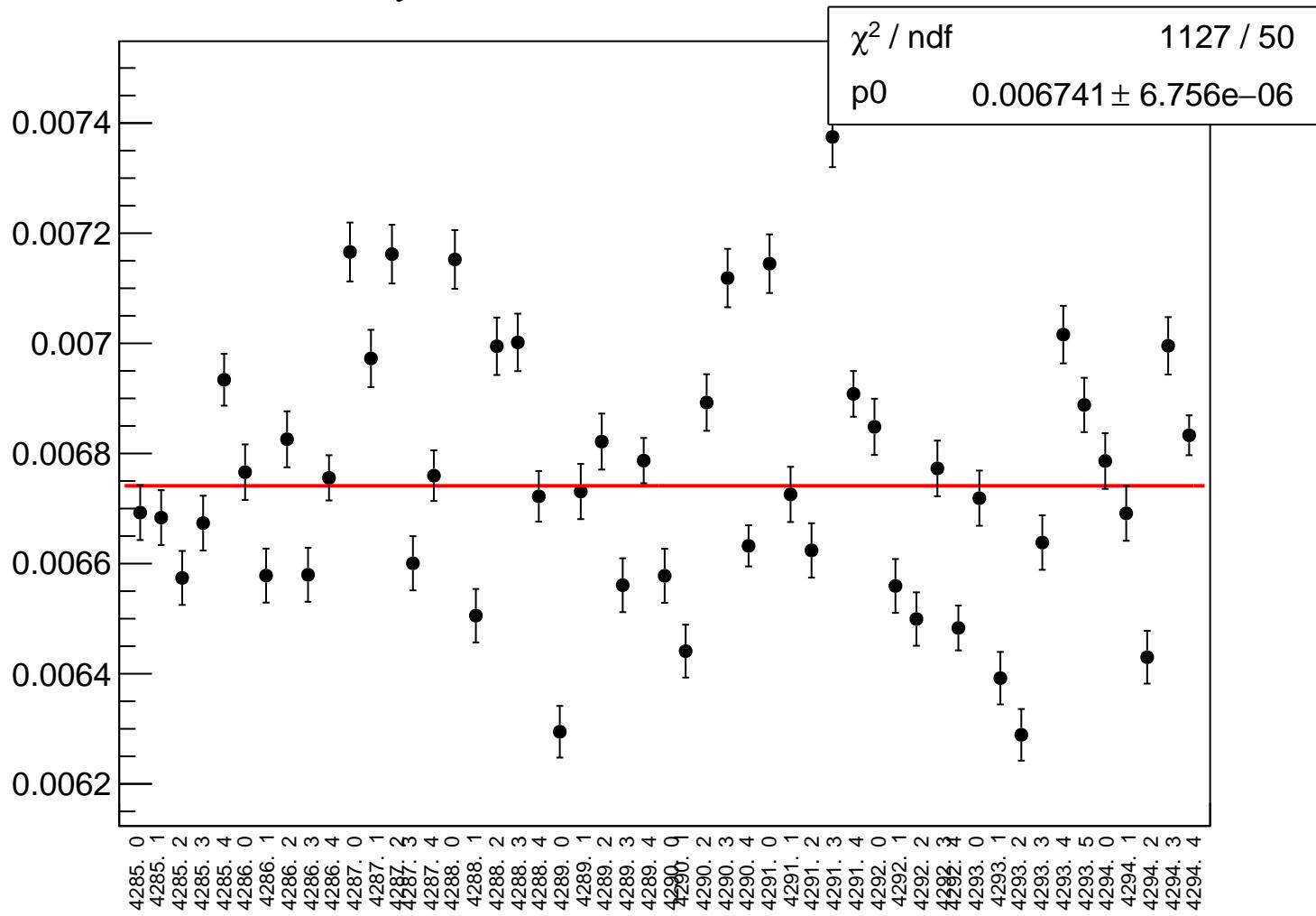
yield_bcm_dg_ds_rms vs run



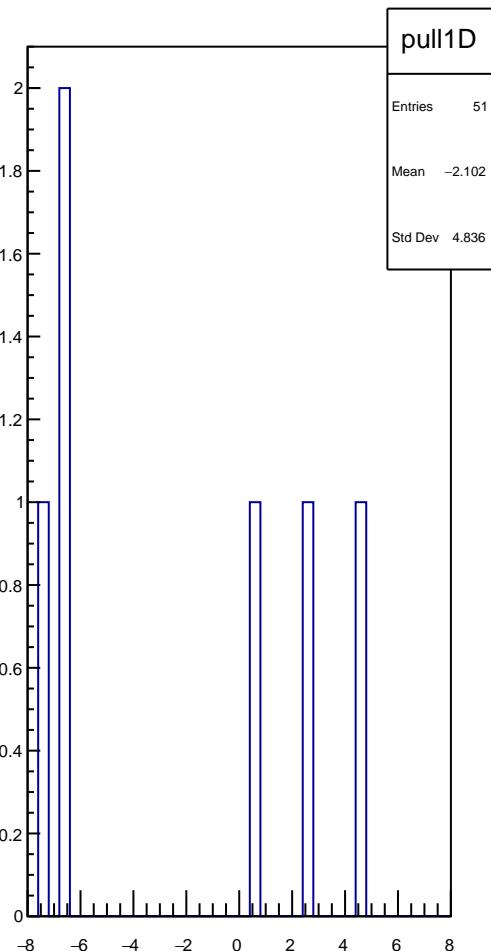
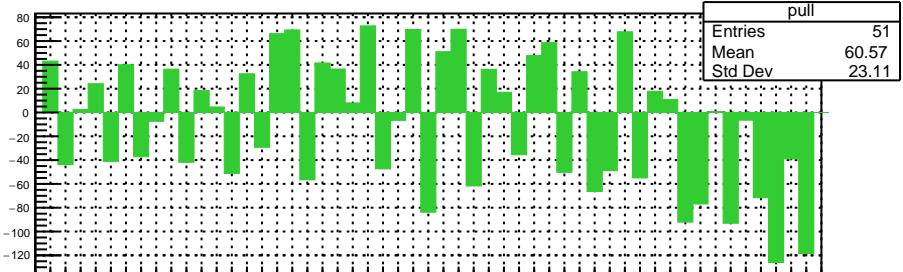
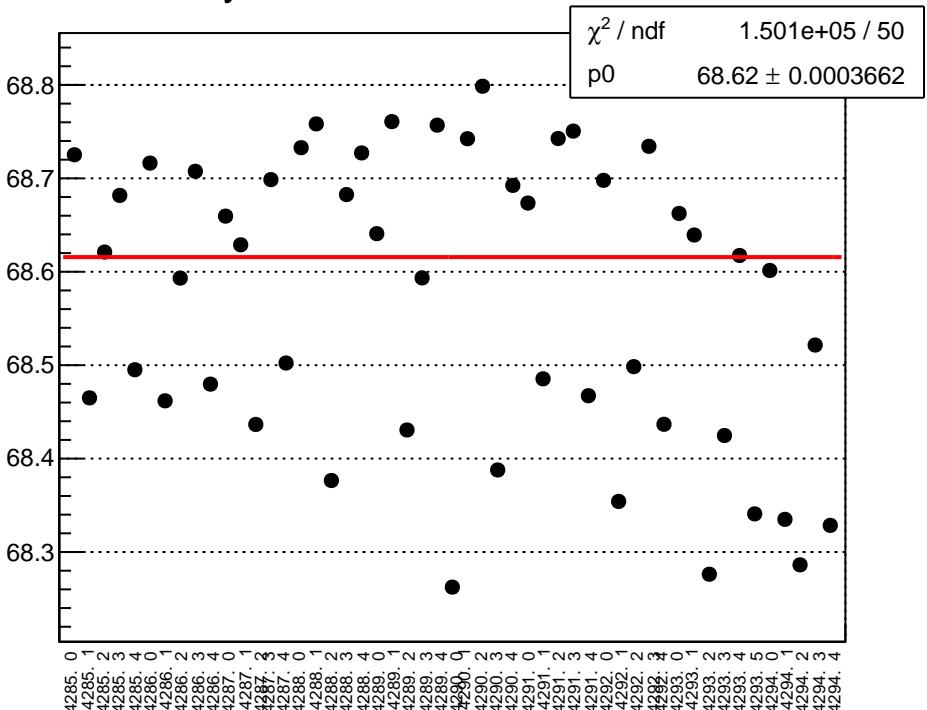
yield_cav4bQ_mean vs run



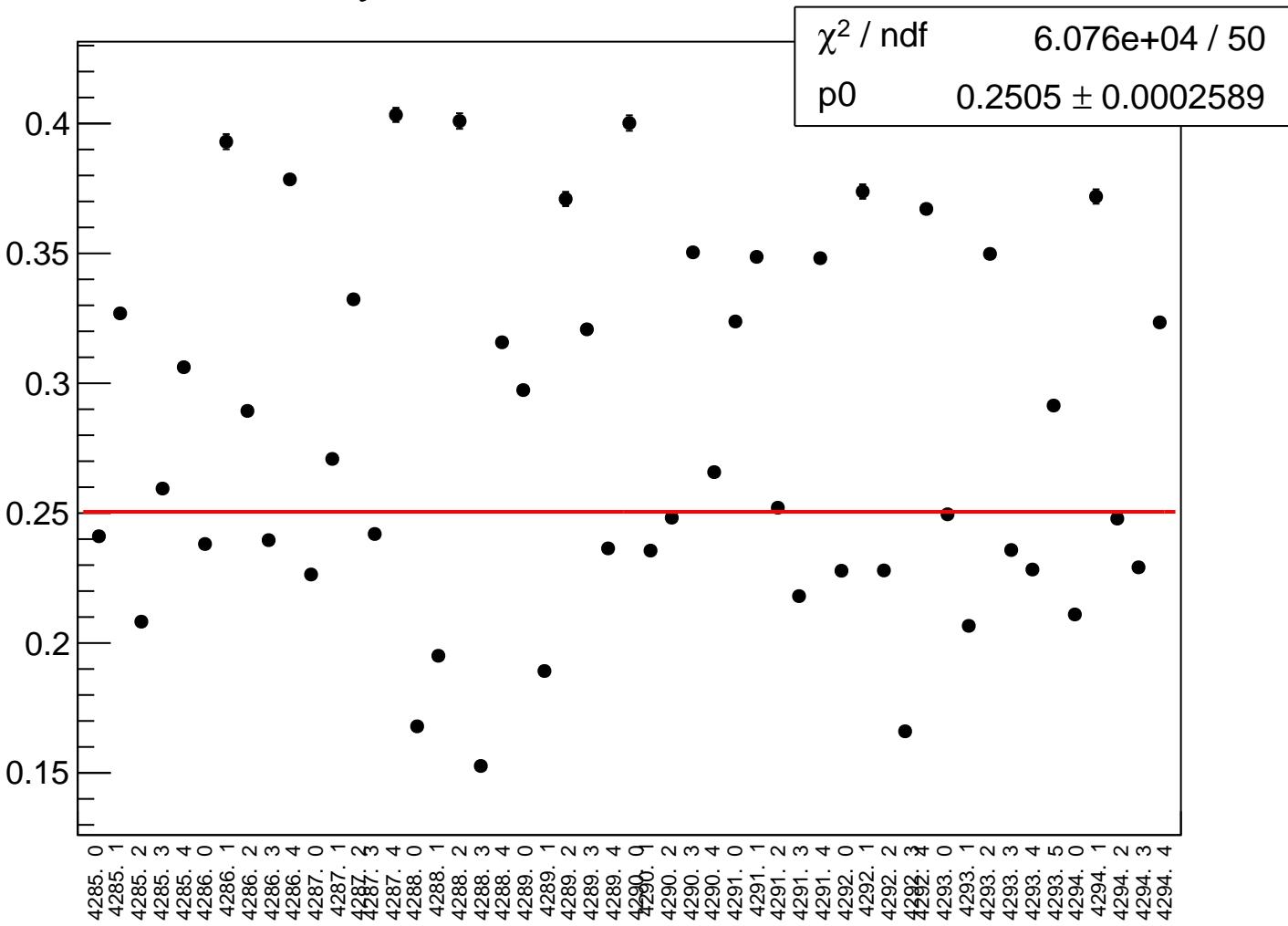
yield_cav4bQ_rms vs run



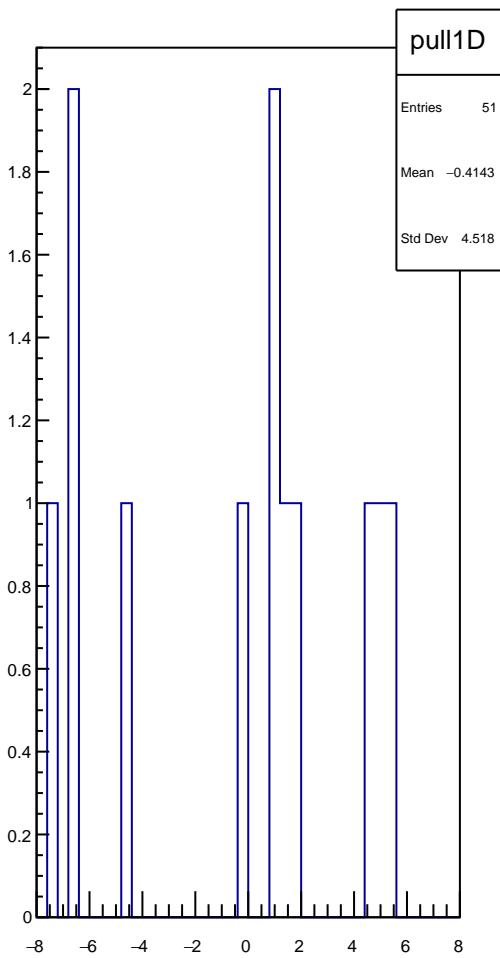
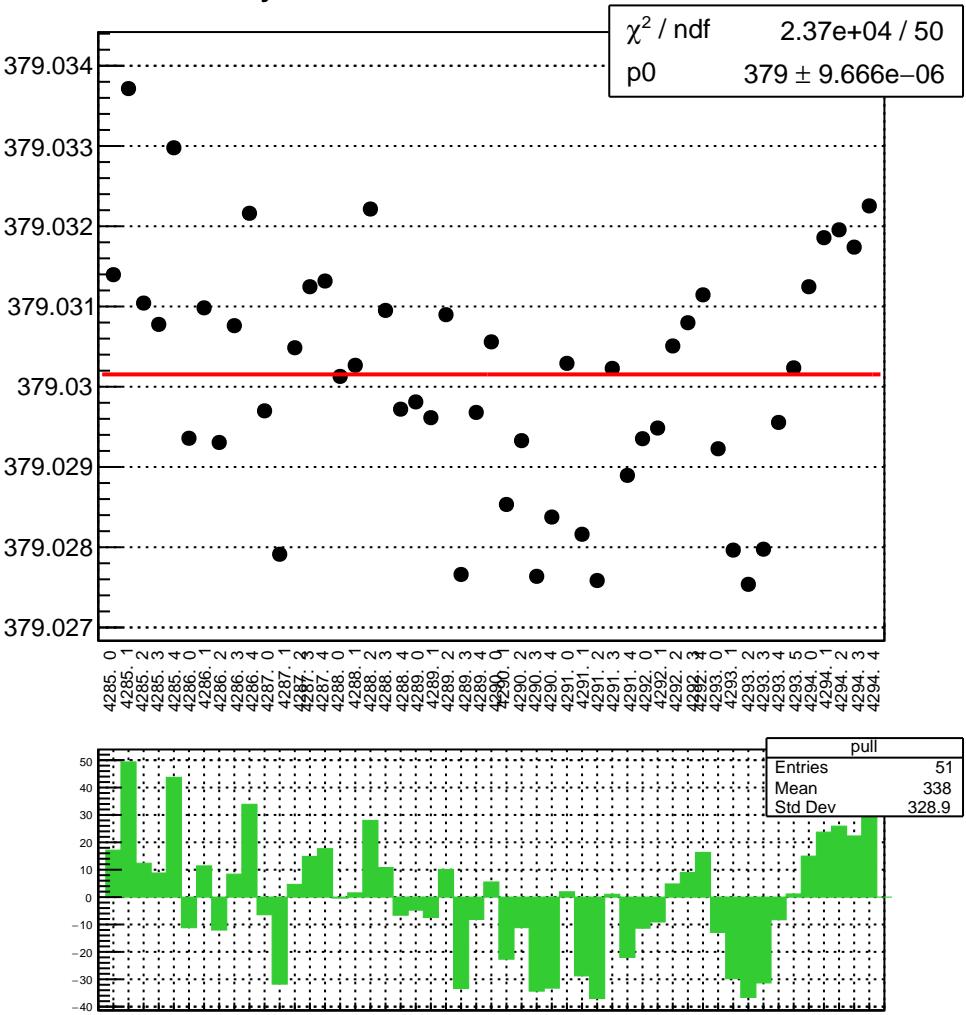
yield_cav4cQ_mean vs run



yield_cav4cQ_rms vs run



yield_cav4dQ_mean vs run

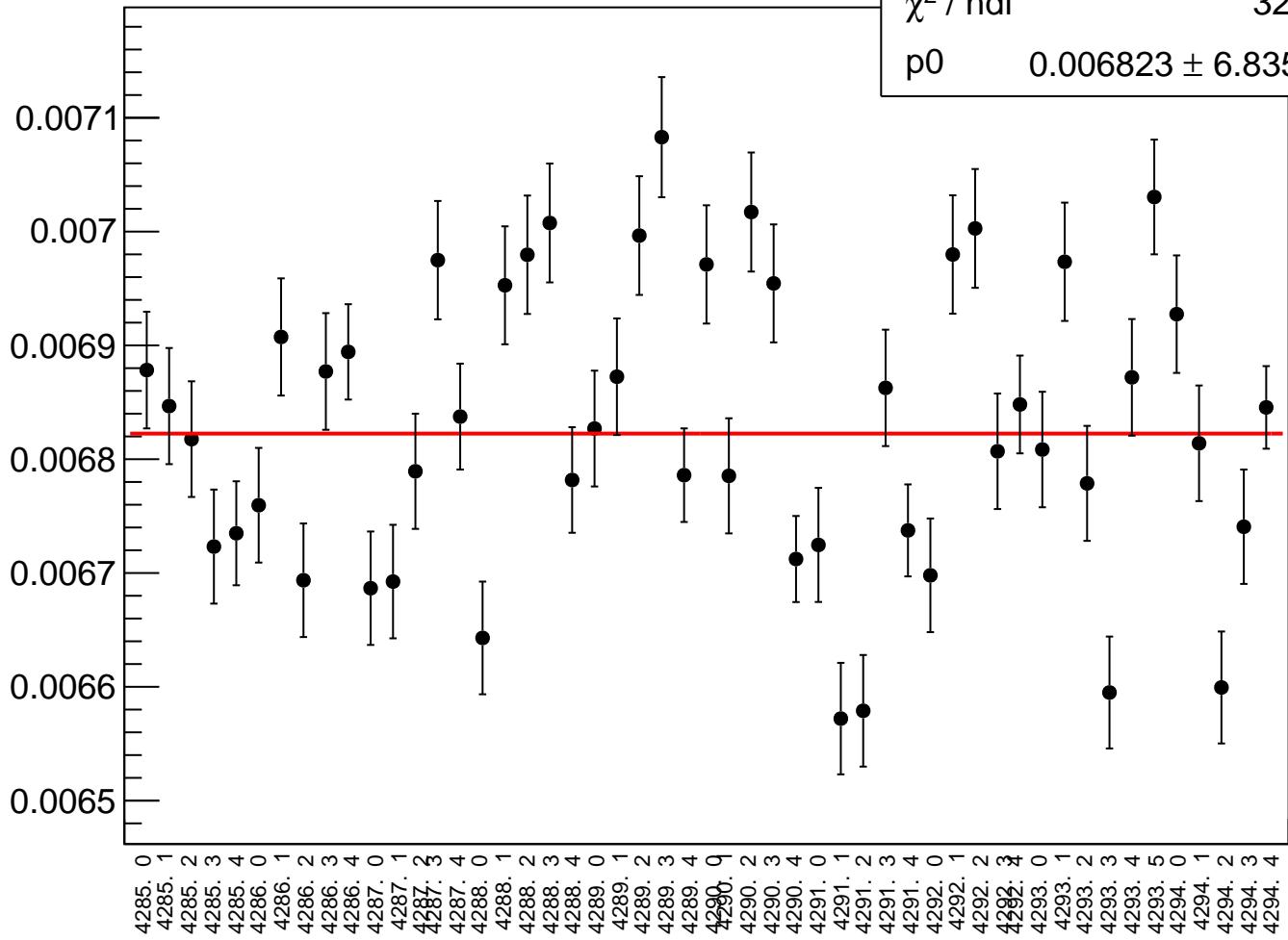


yield_cav4dQ_rms vs run

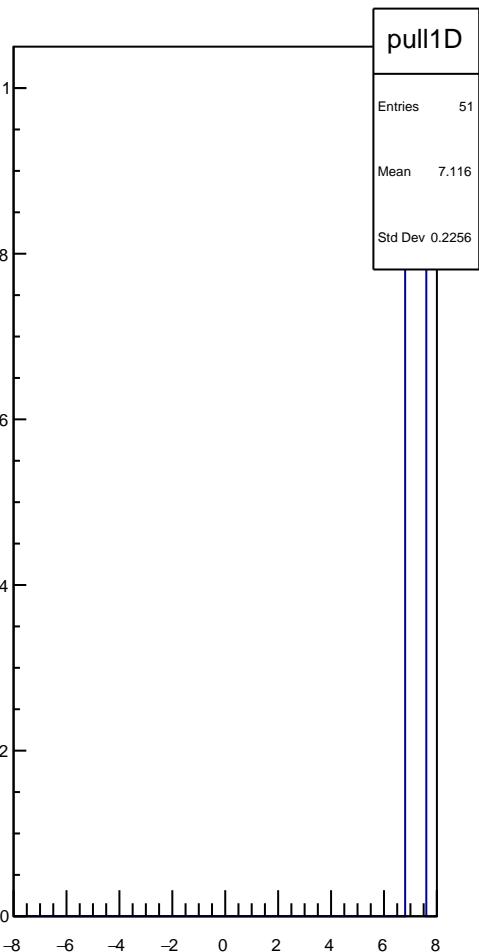
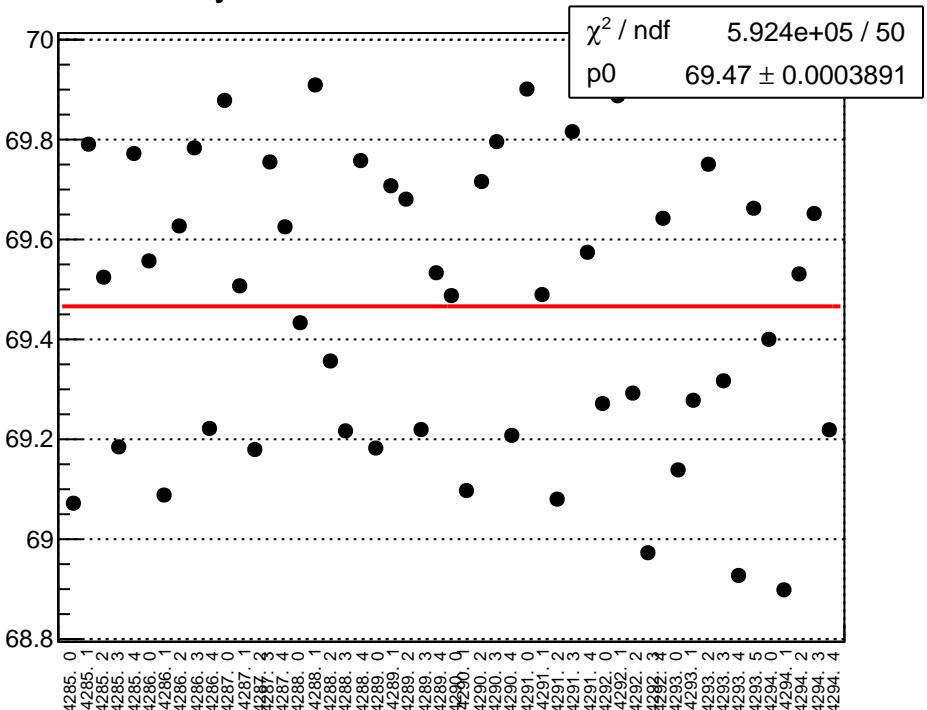
χ^2 / ndf

328 / 50

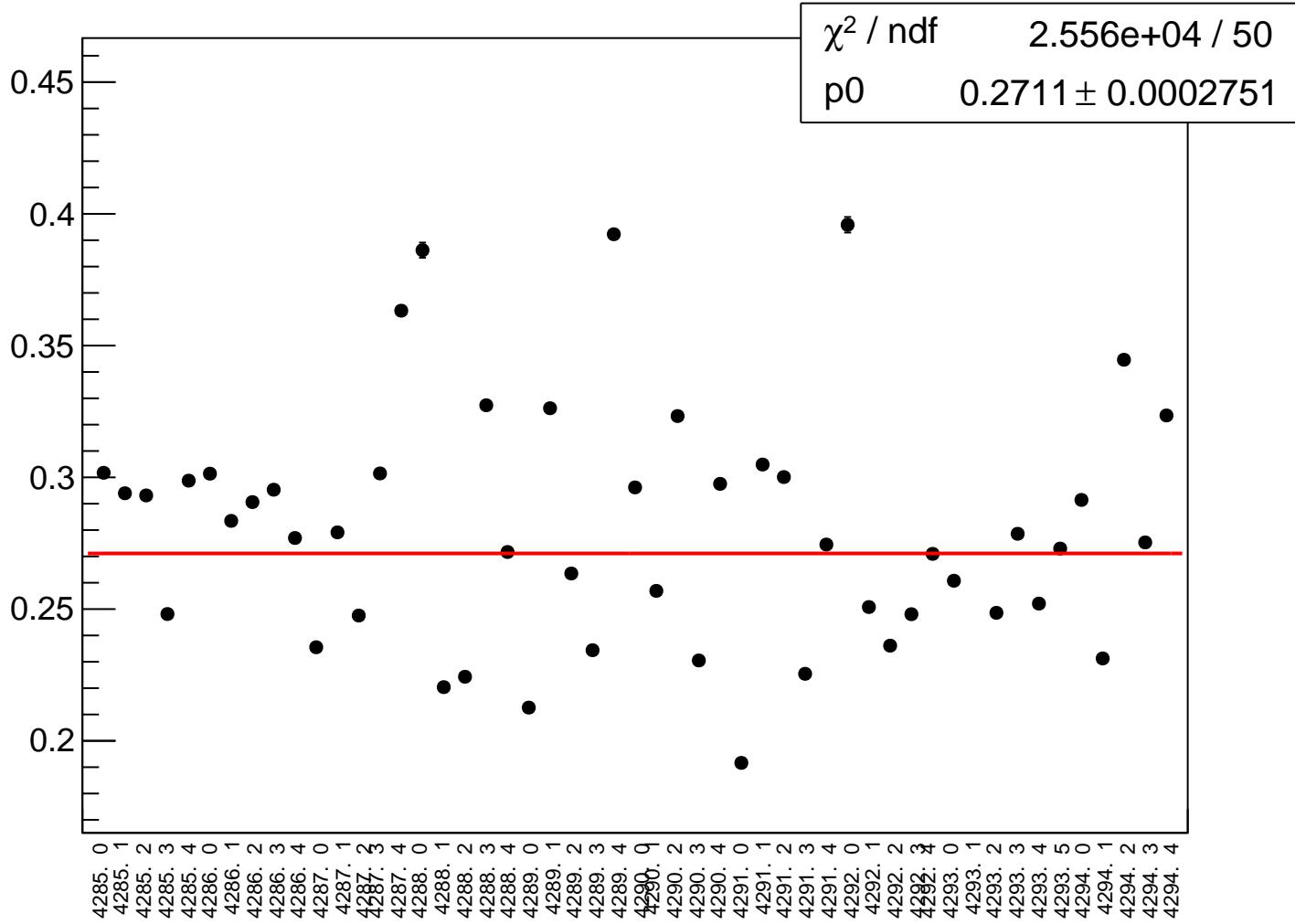
p0 $0.006823 \pm 6.835\text{e}{-}06$



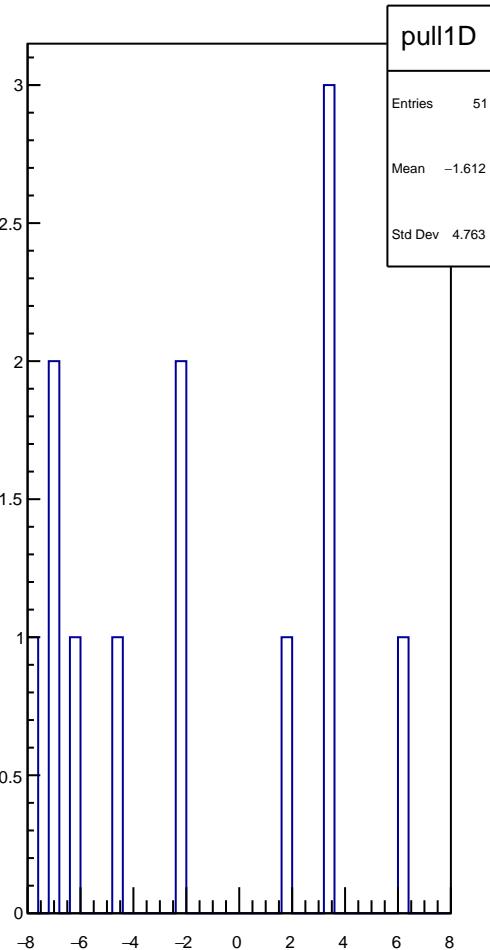
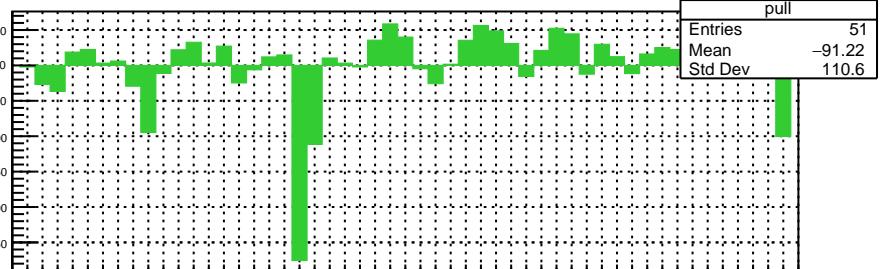
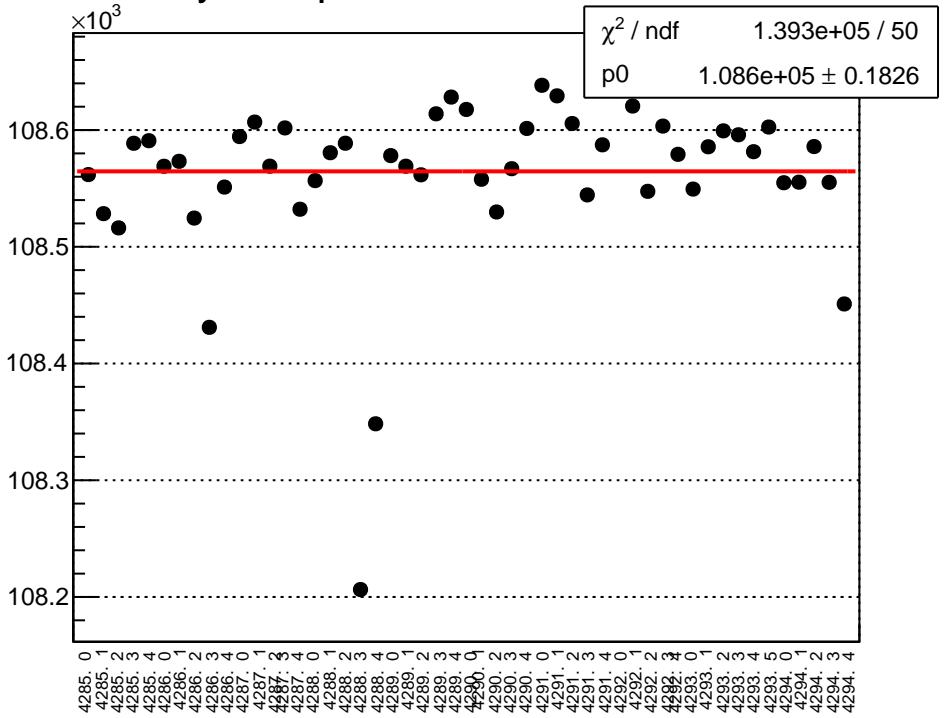
yield_bcm0l02_mean vs run



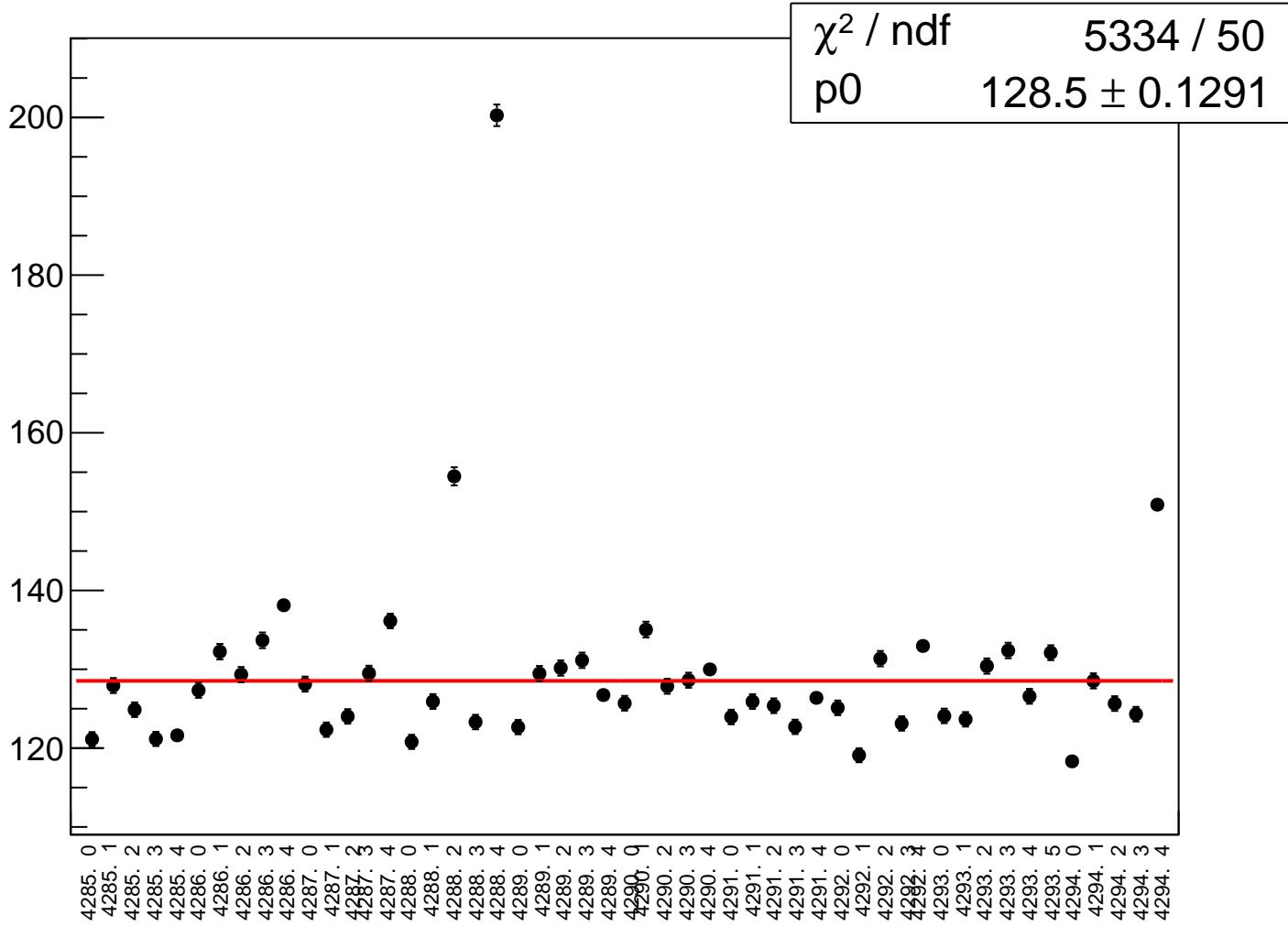
yield_bcm0l02_rms vs run



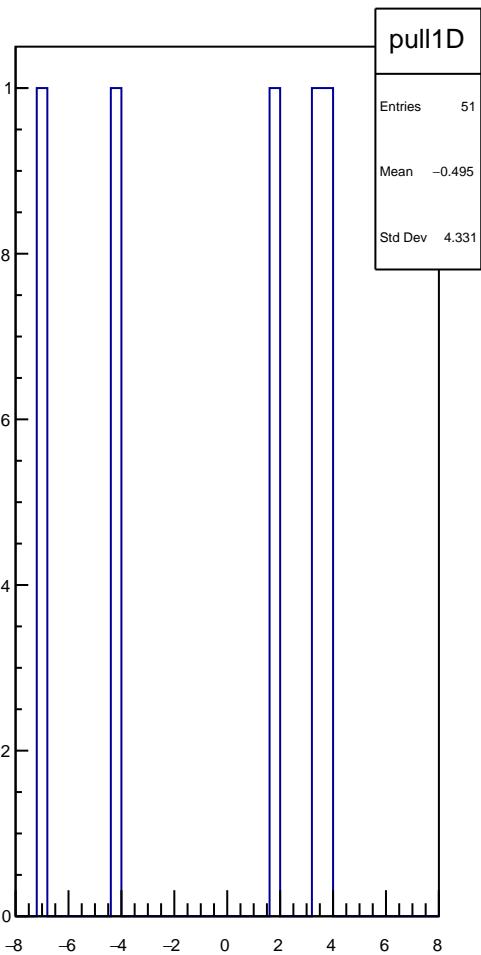
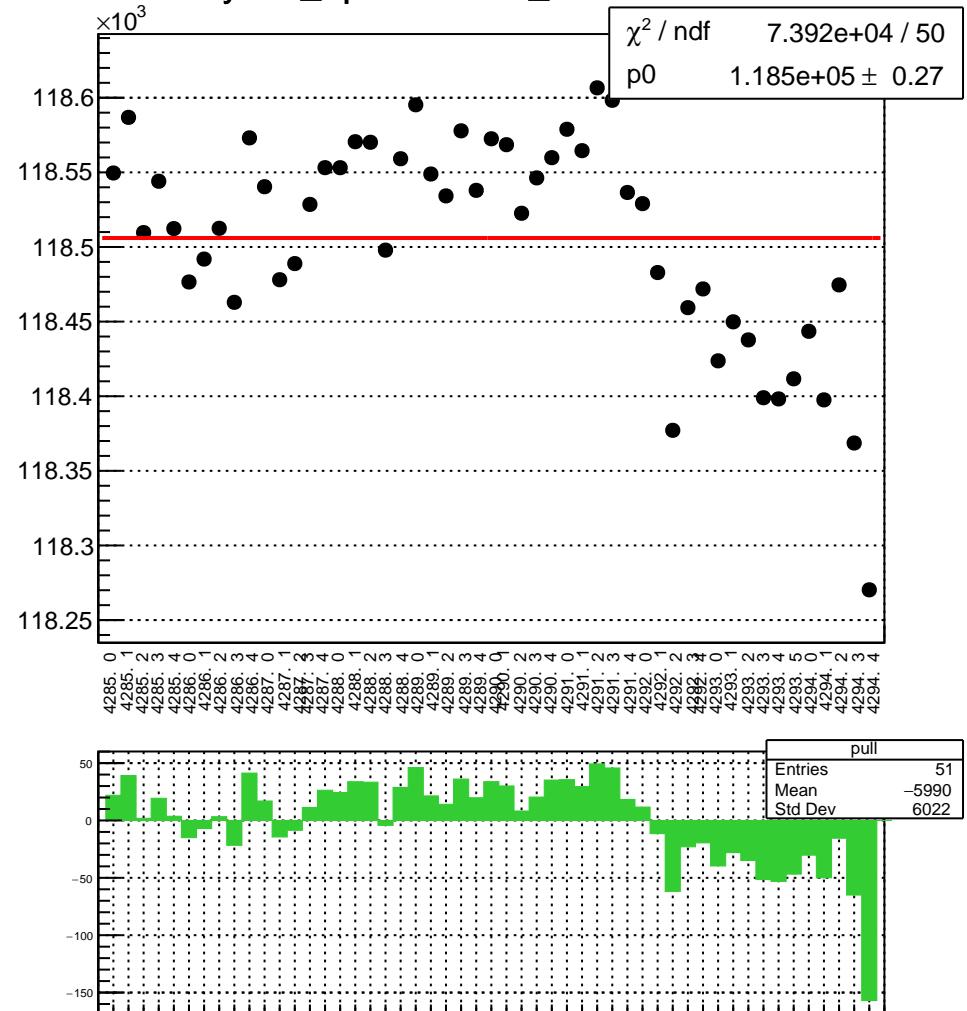
yield_bpm2i01WS_mean vs run



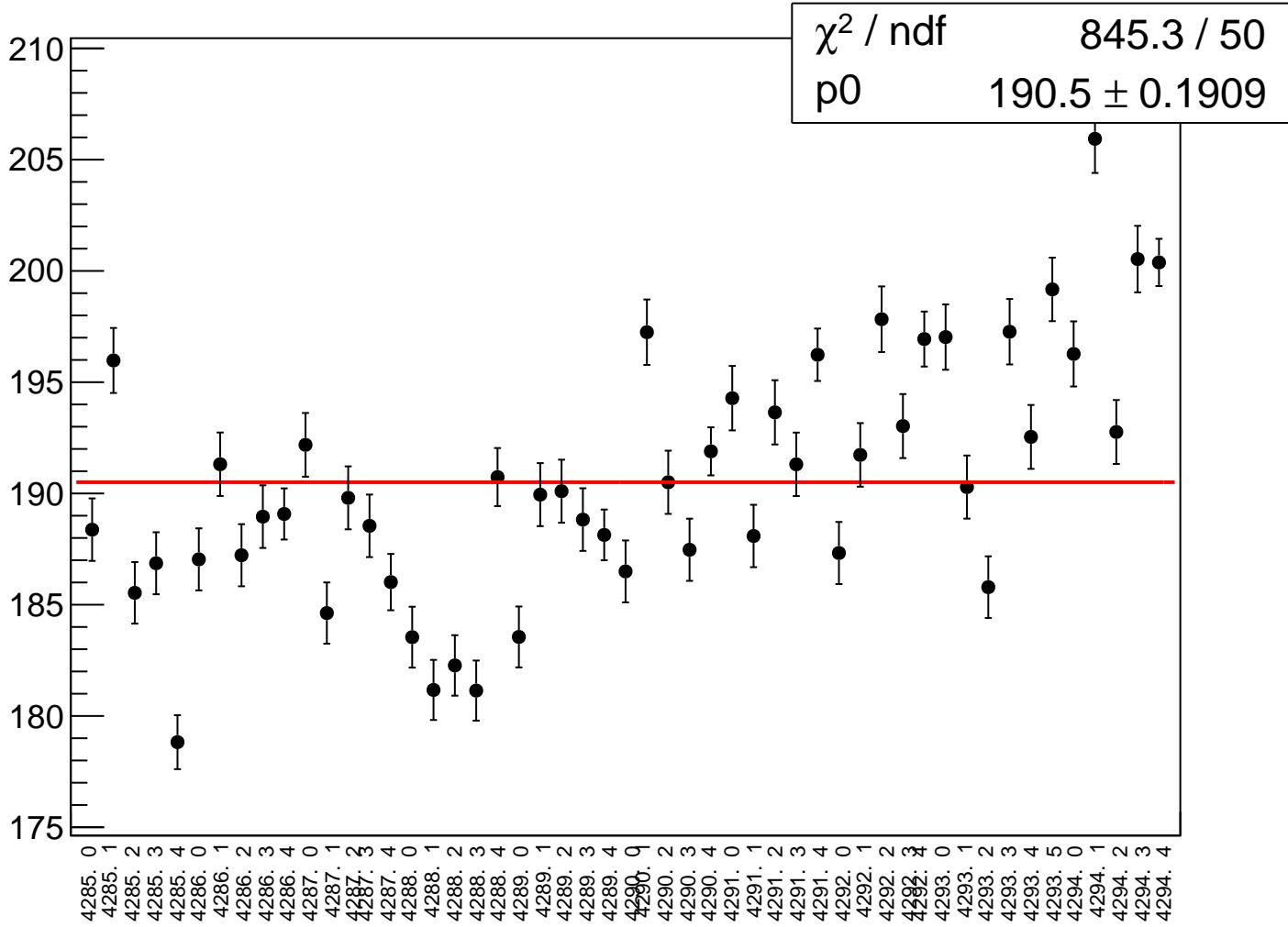
yield_bpm2i01WS_rms vs run



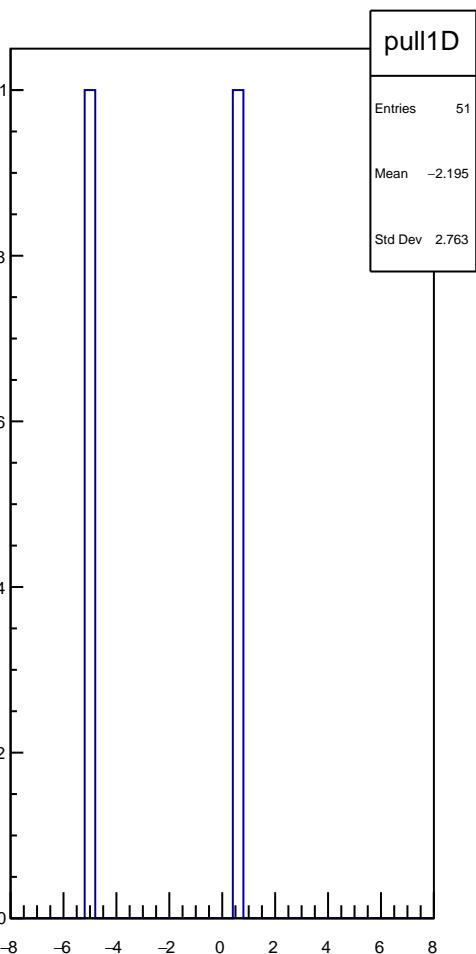
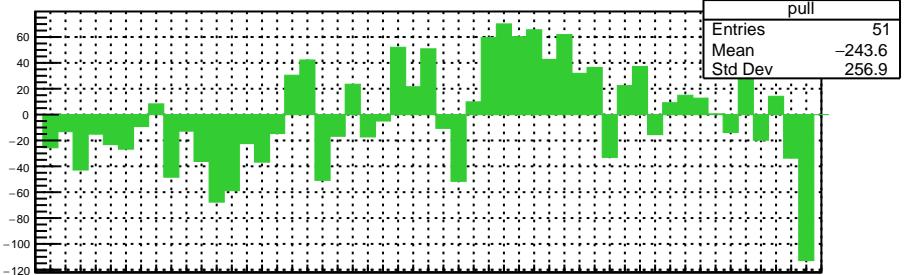
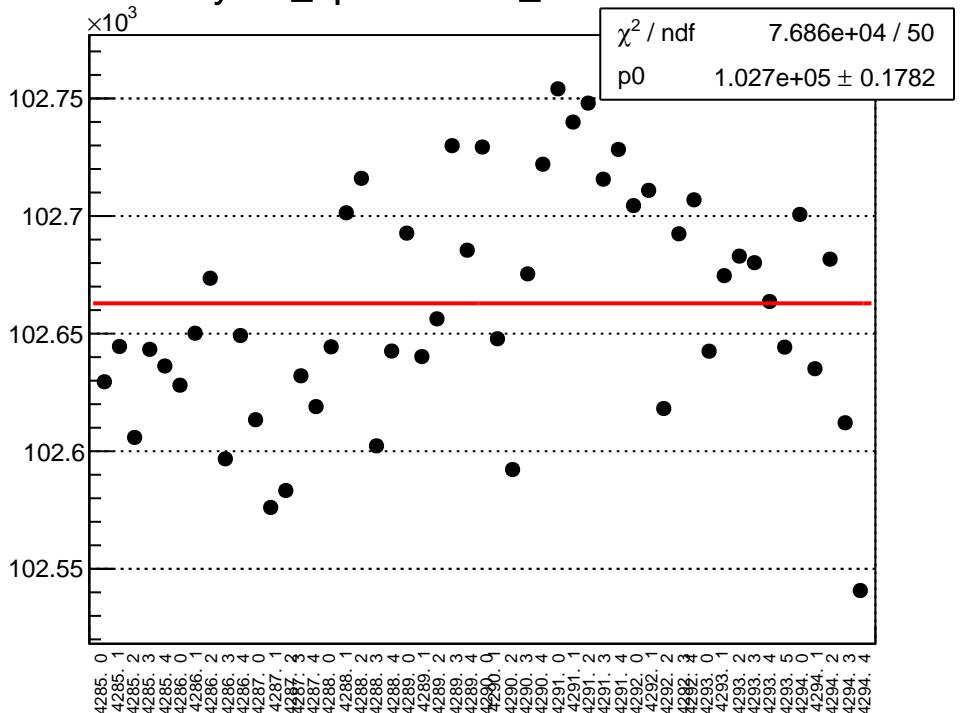
yield_bpm0i07WS_mean vs run



yield_bpm0i07WS_rms vs run



yield_bpm0l01WS_mean vs run



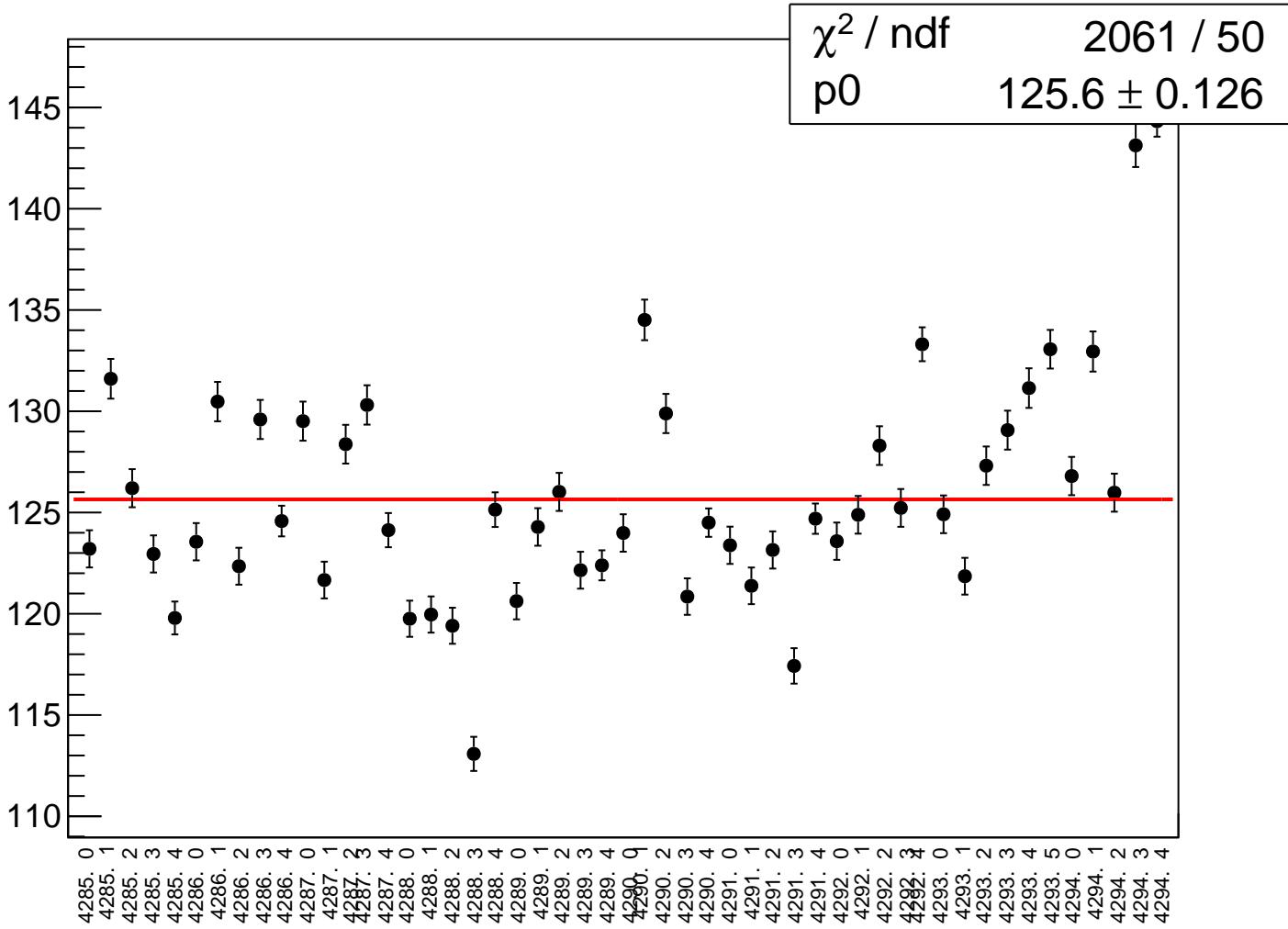
pull1D

Entries 51

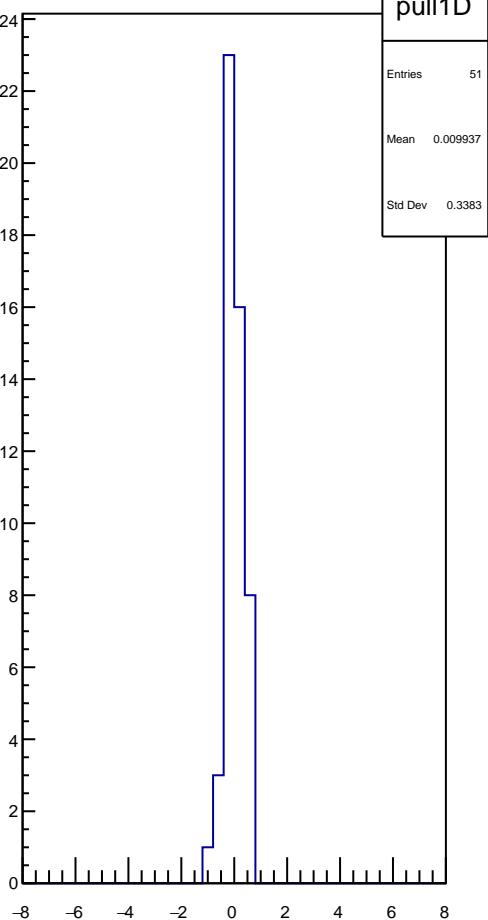
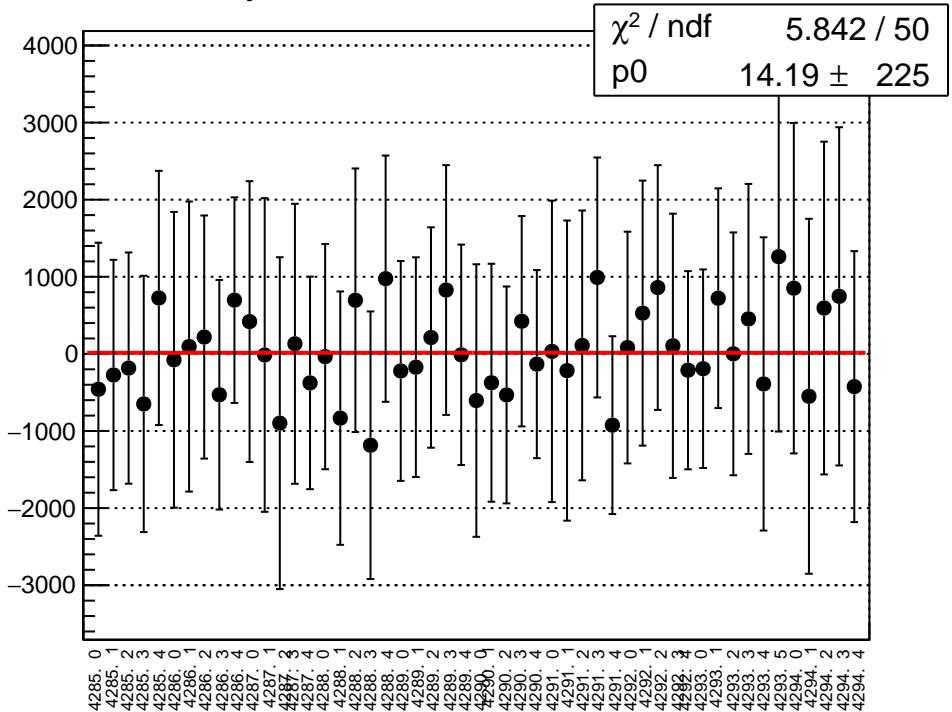
Mean -2.195

Std Dev 2.763

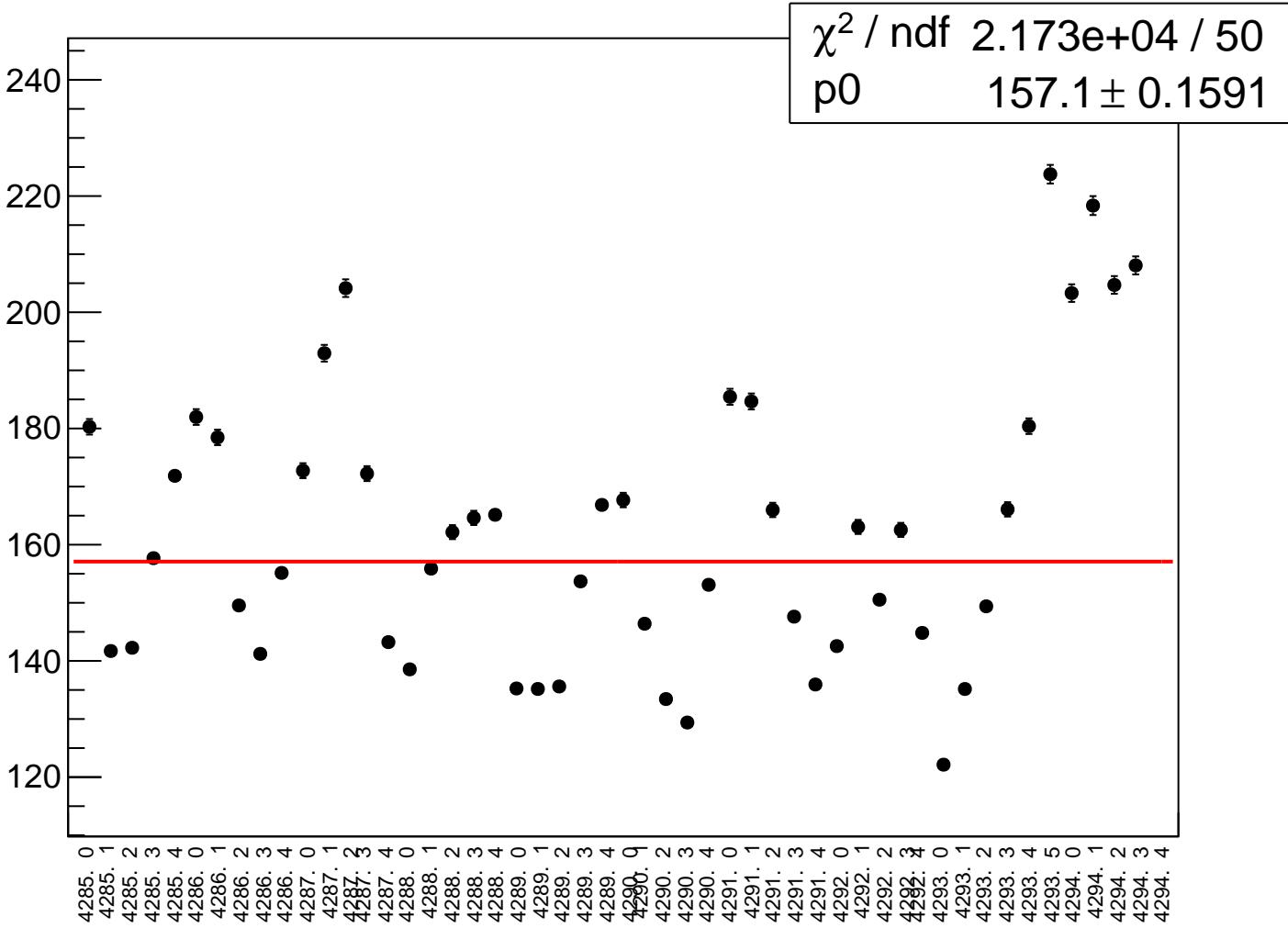
yield_bpm0l01WS_rms vs run



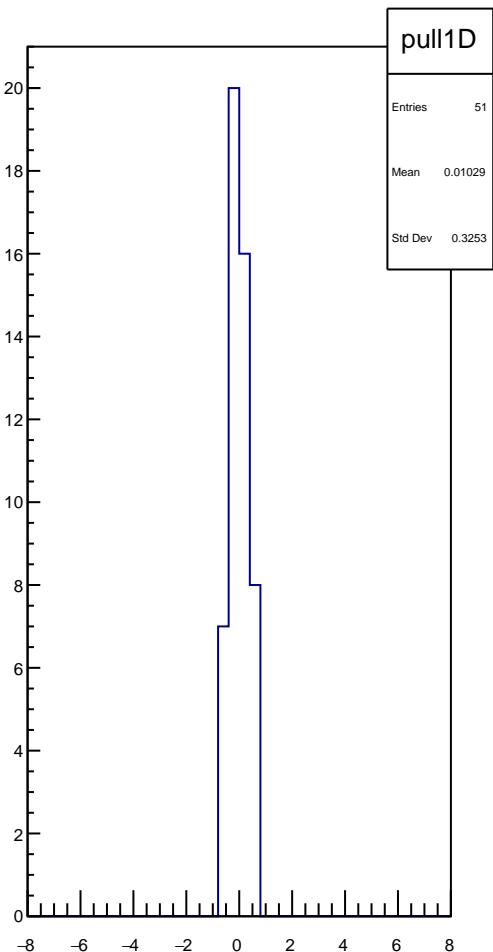
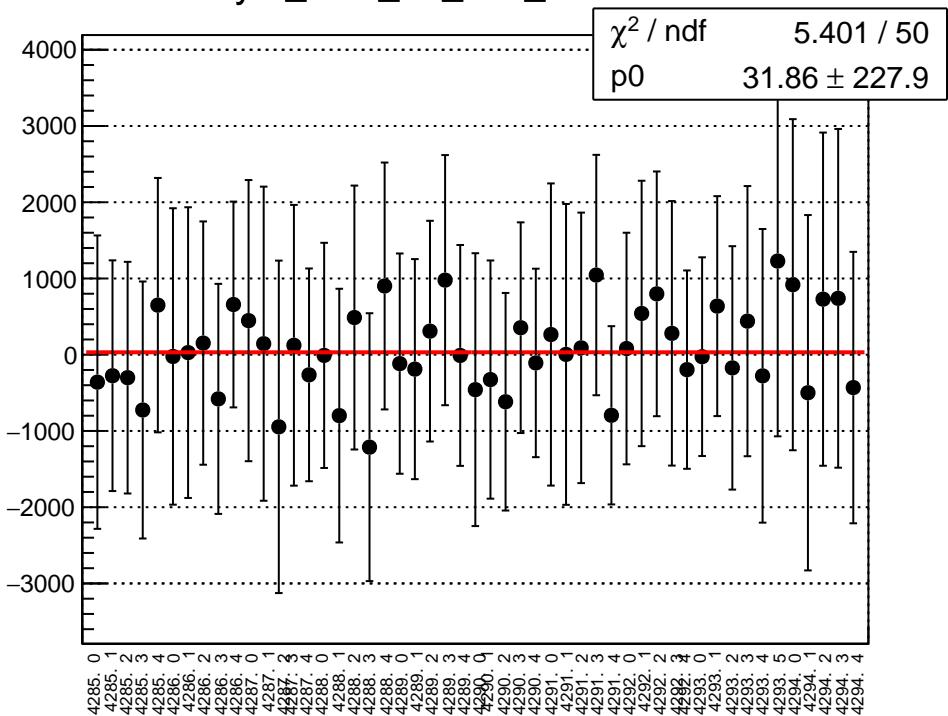
asym_bcm_an_ds_mean vs run



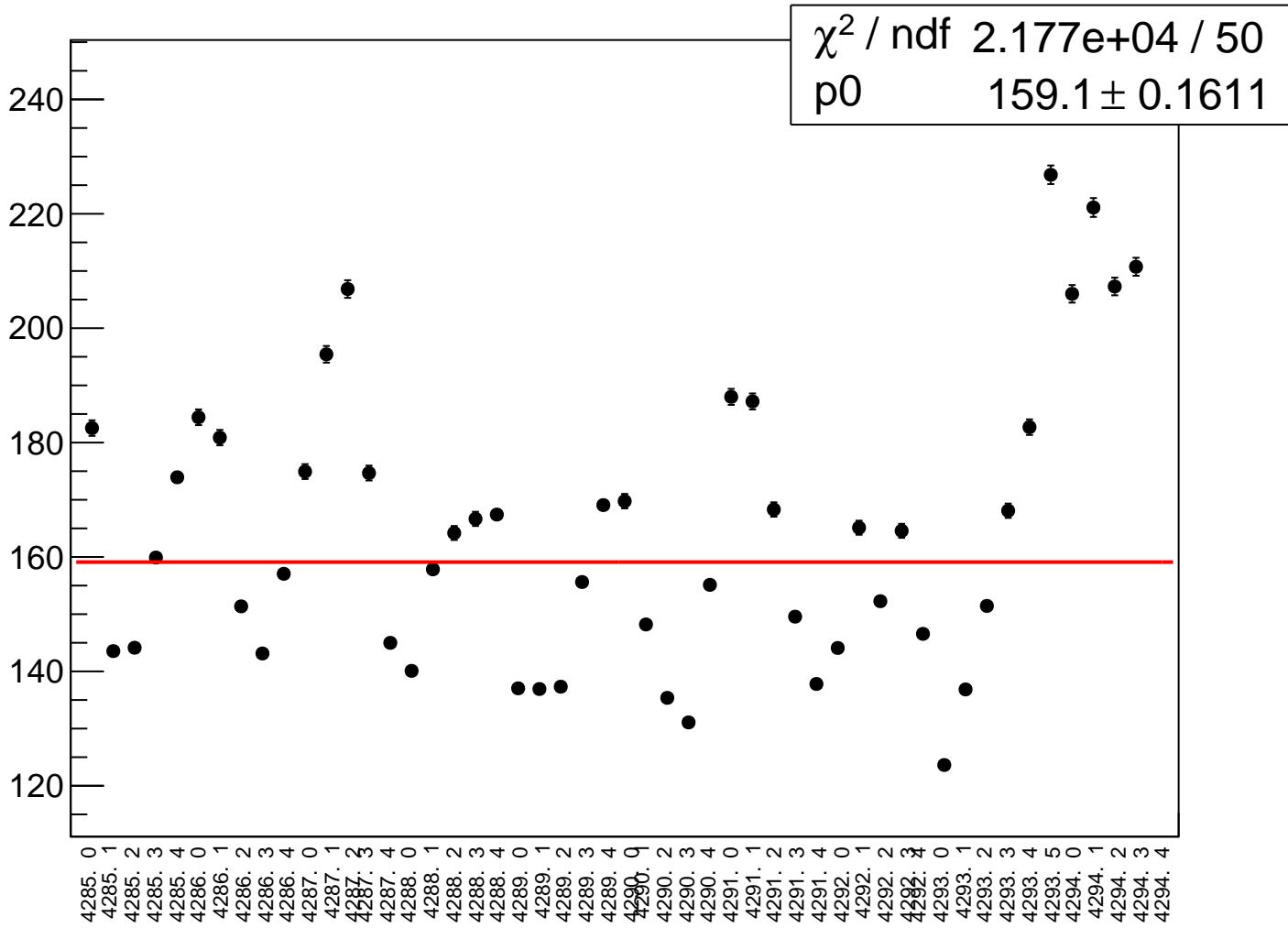
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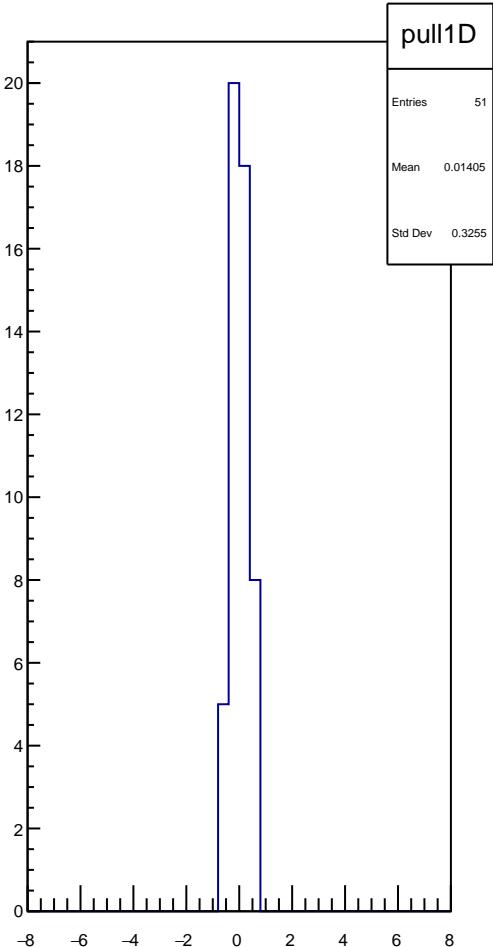
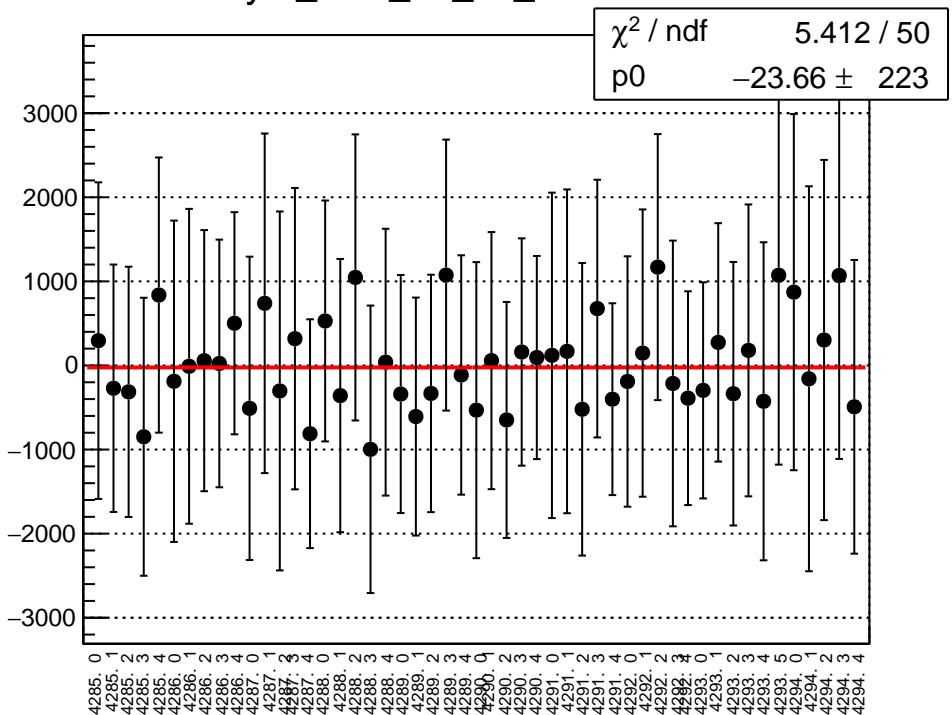
asym_bcm_an_ds3_mean vs run



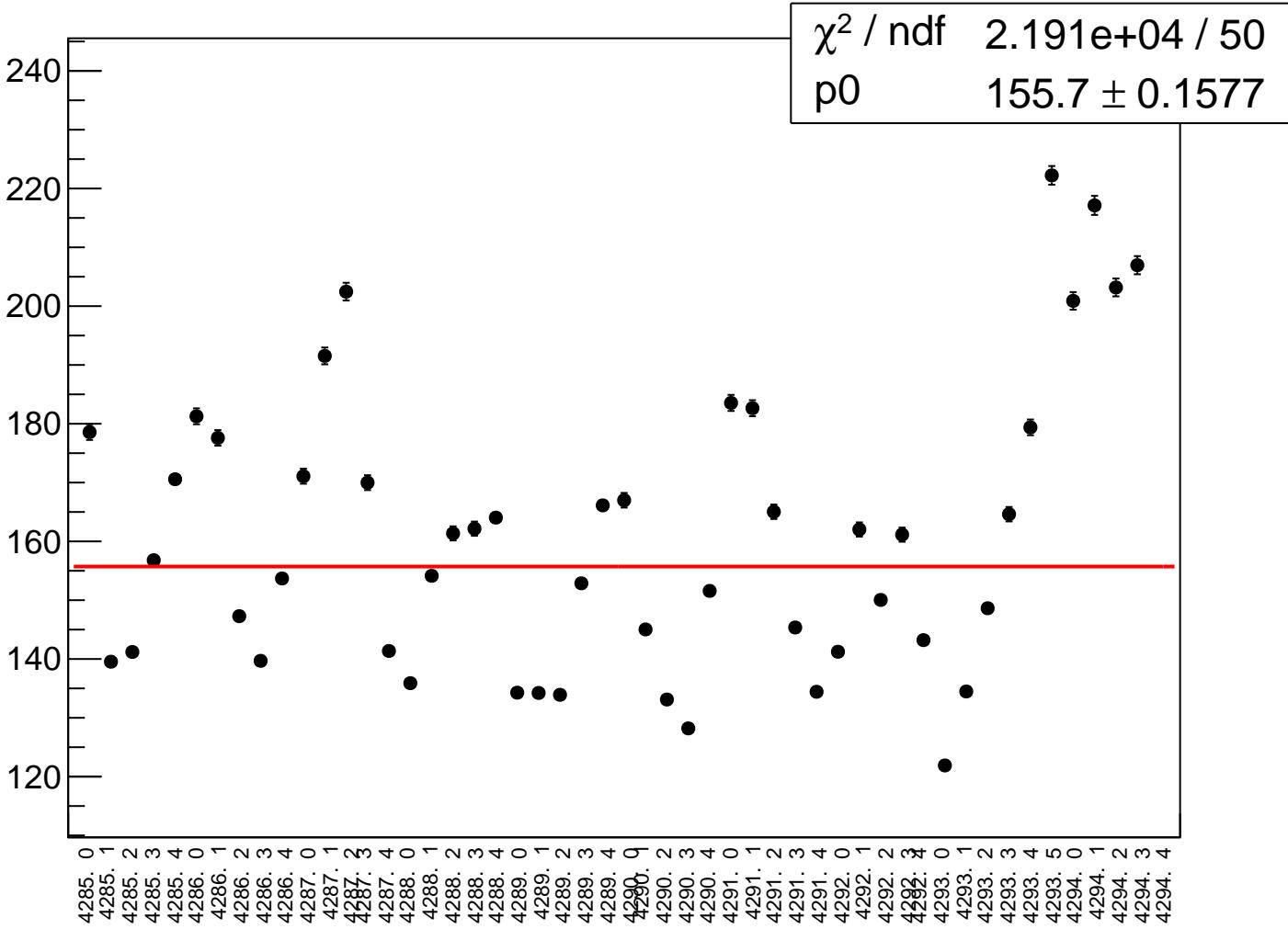
asym_bcm_an_ds3_rms vs run



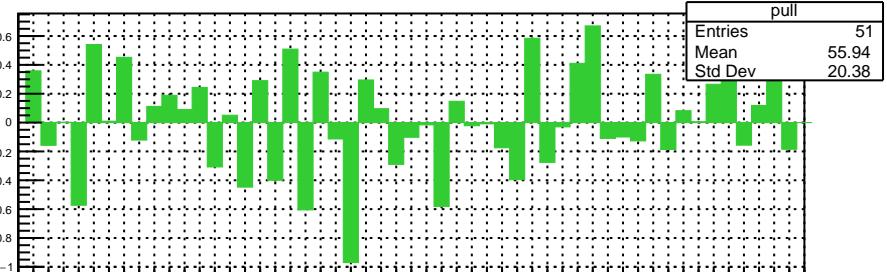
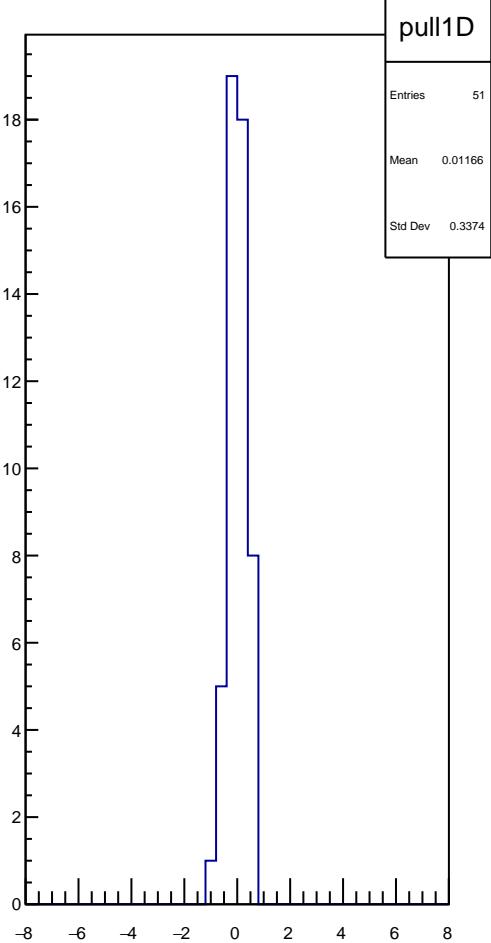
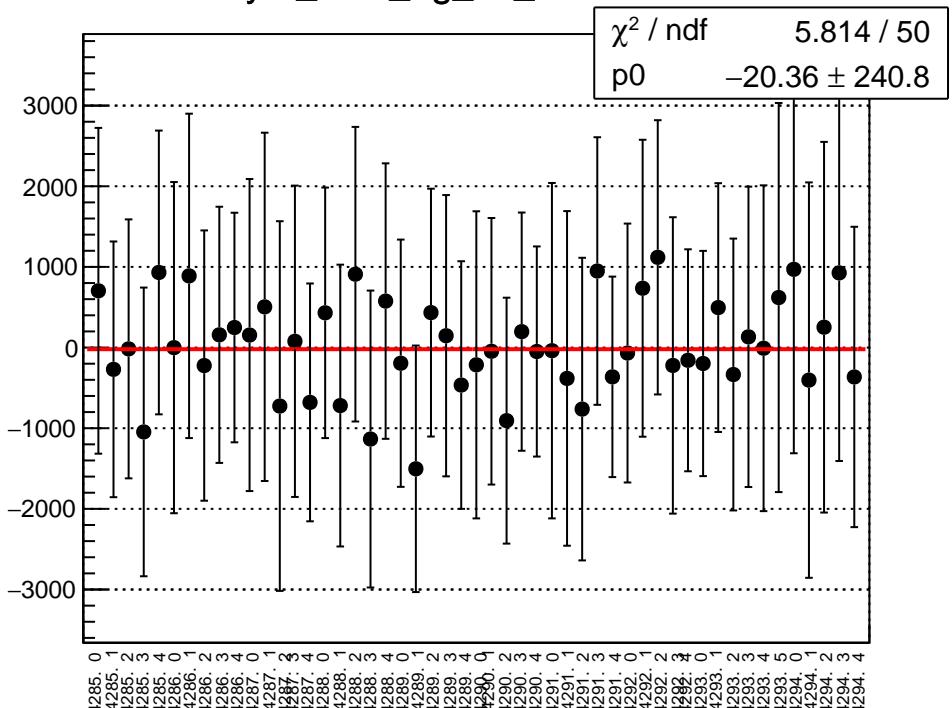
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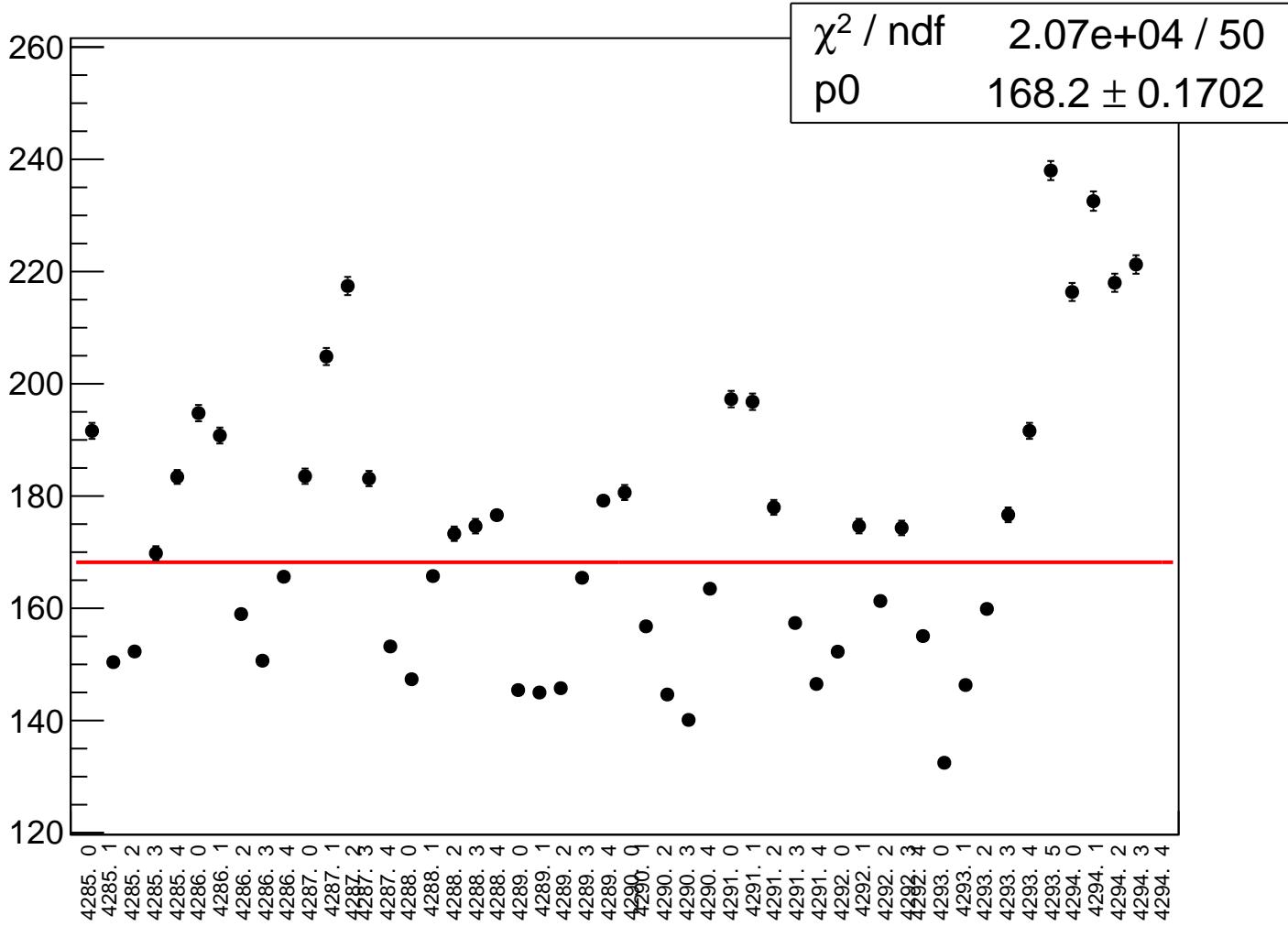
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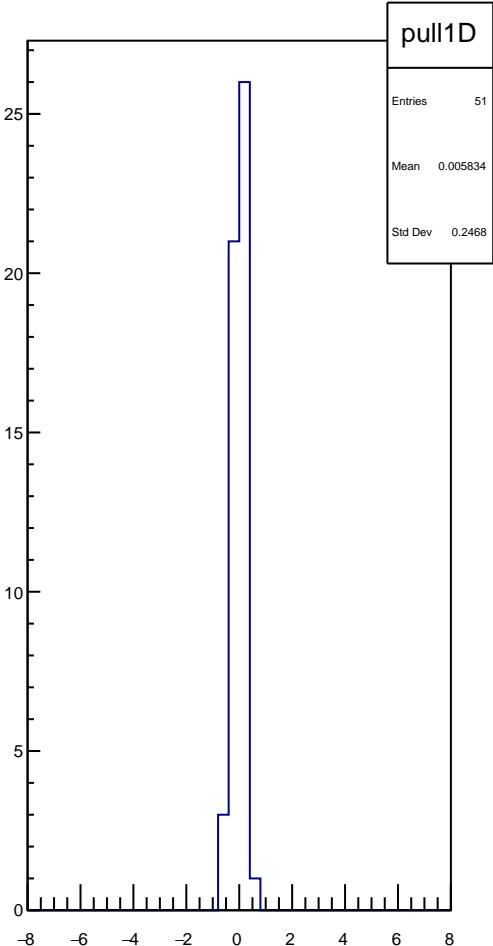
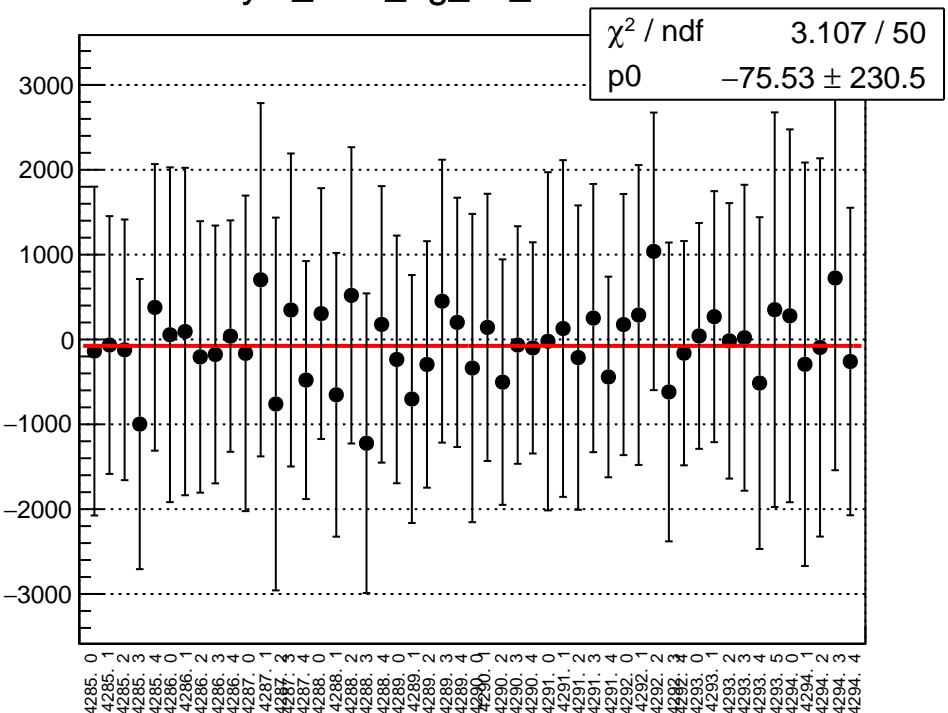
asym_bcm_dg_us_mean vs run



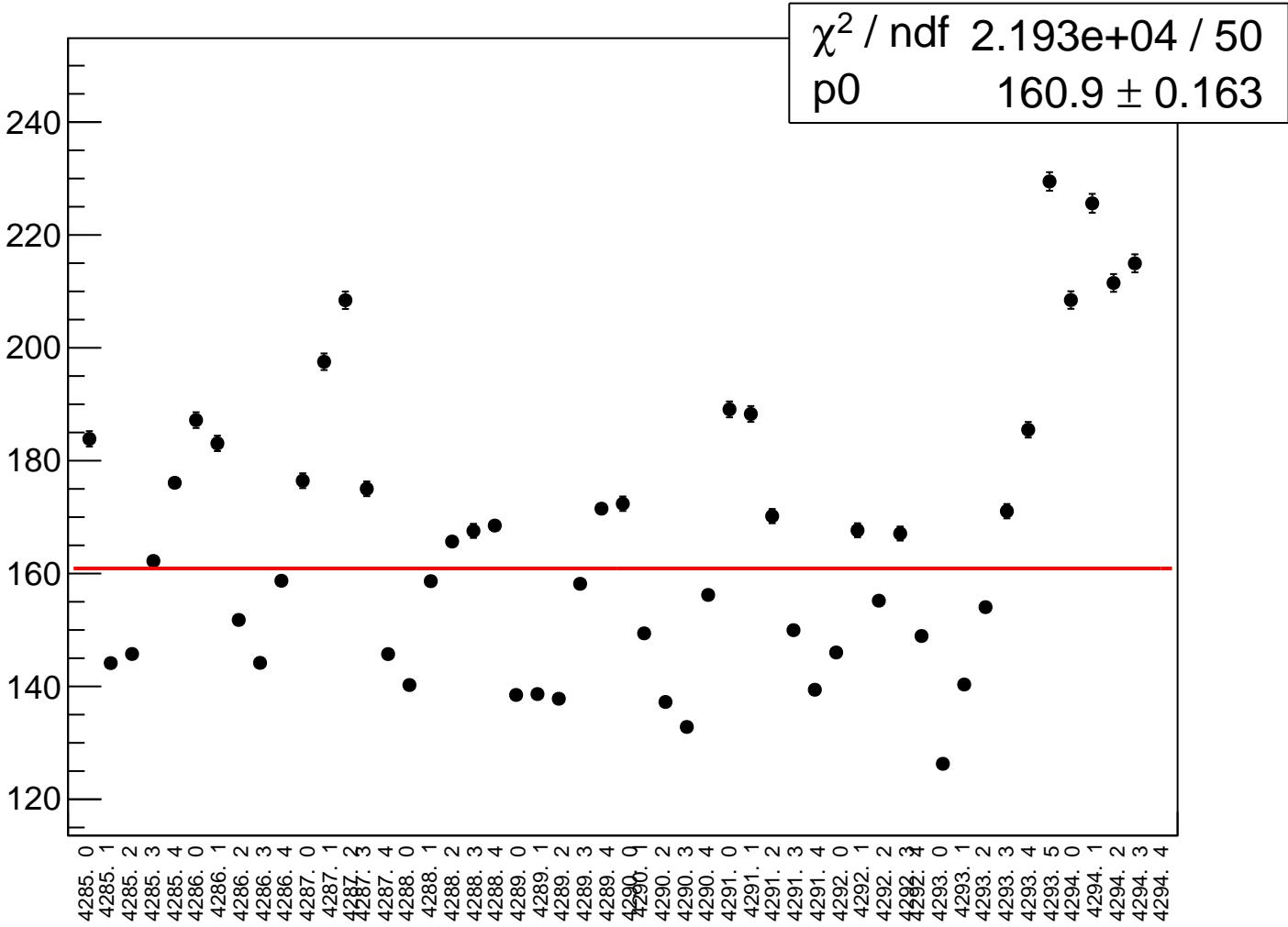
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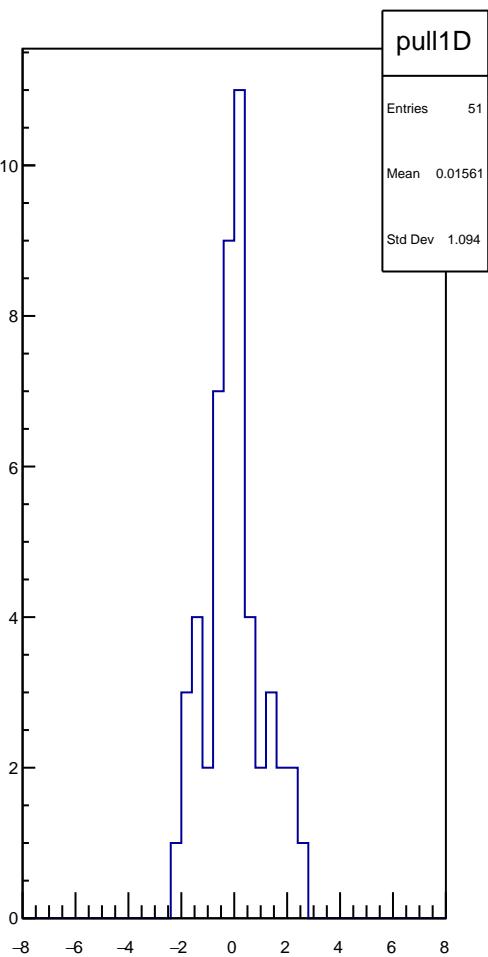
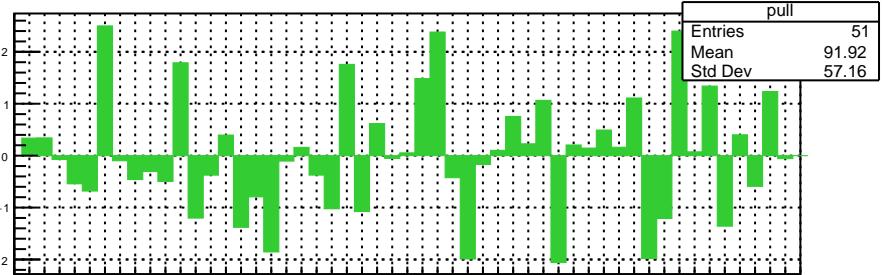
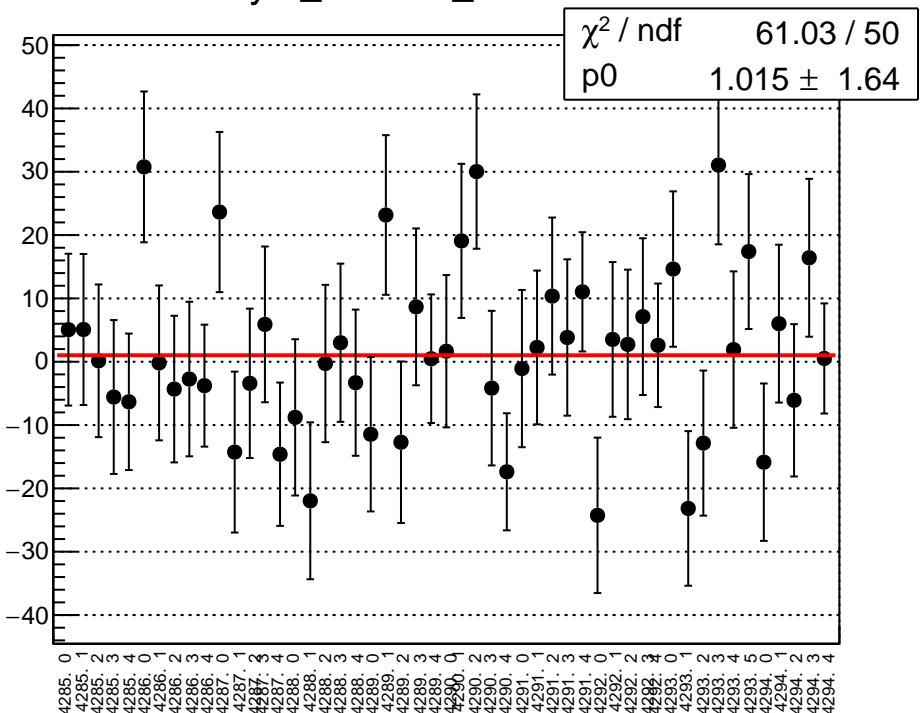
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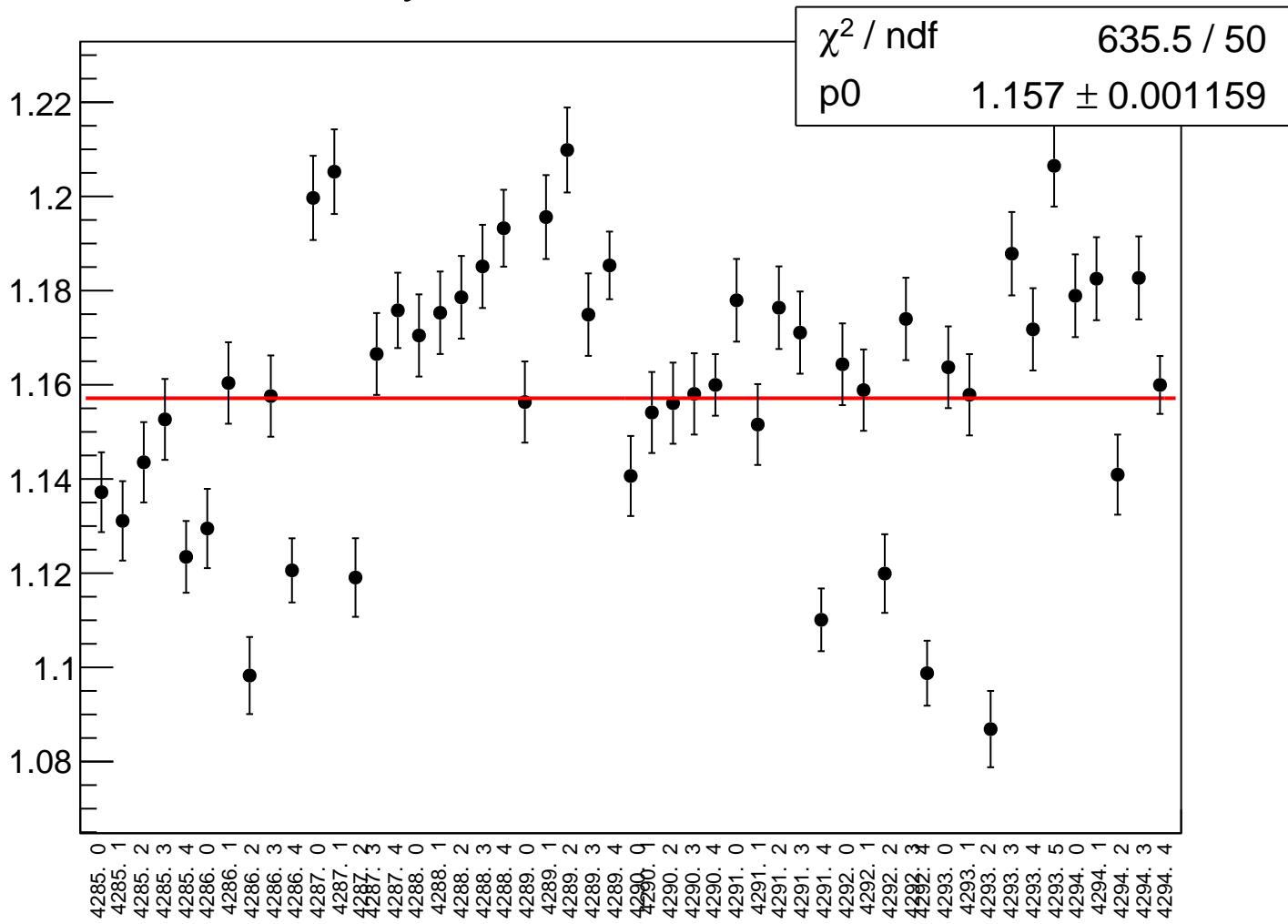
asym_bcm_dg_ds_rms vs run



asym_cav4bQ_mean vs run

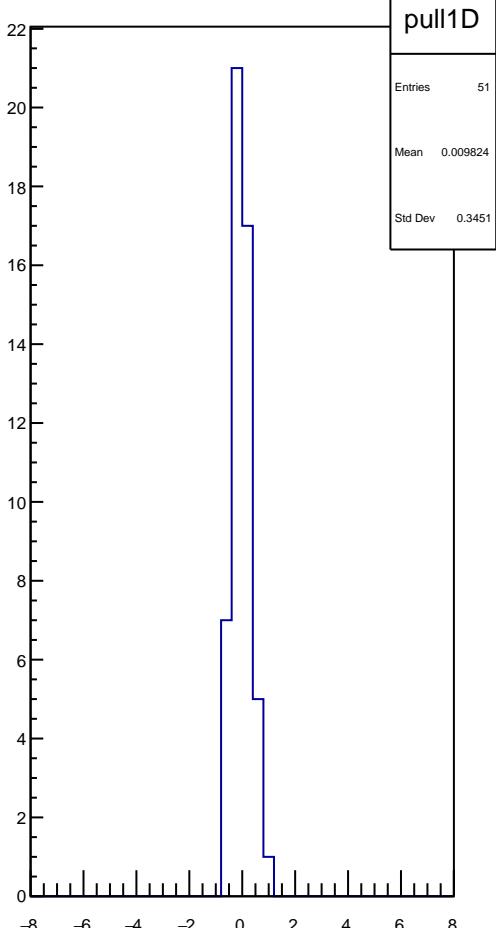
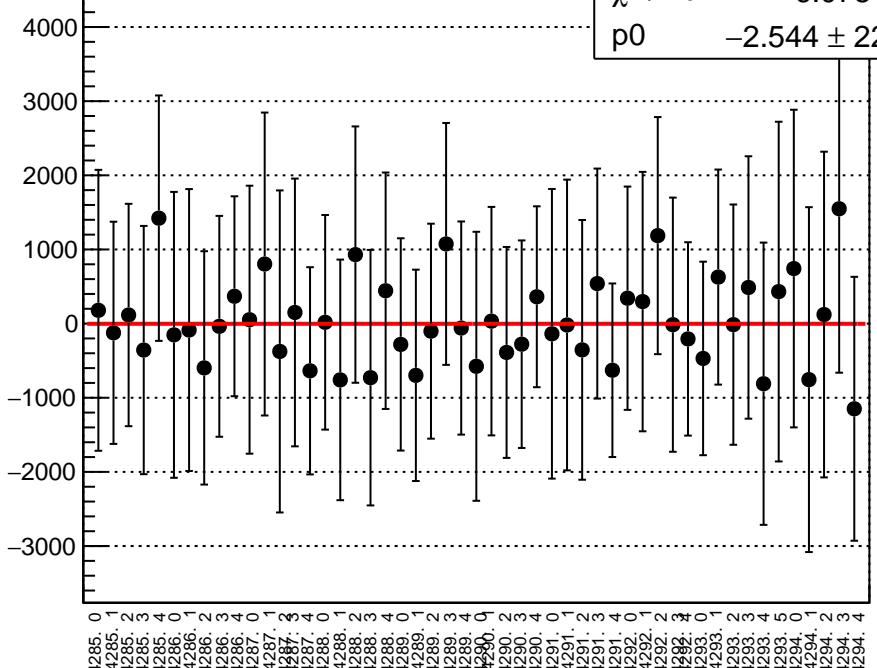


asym_cav4bQ_rms vs run

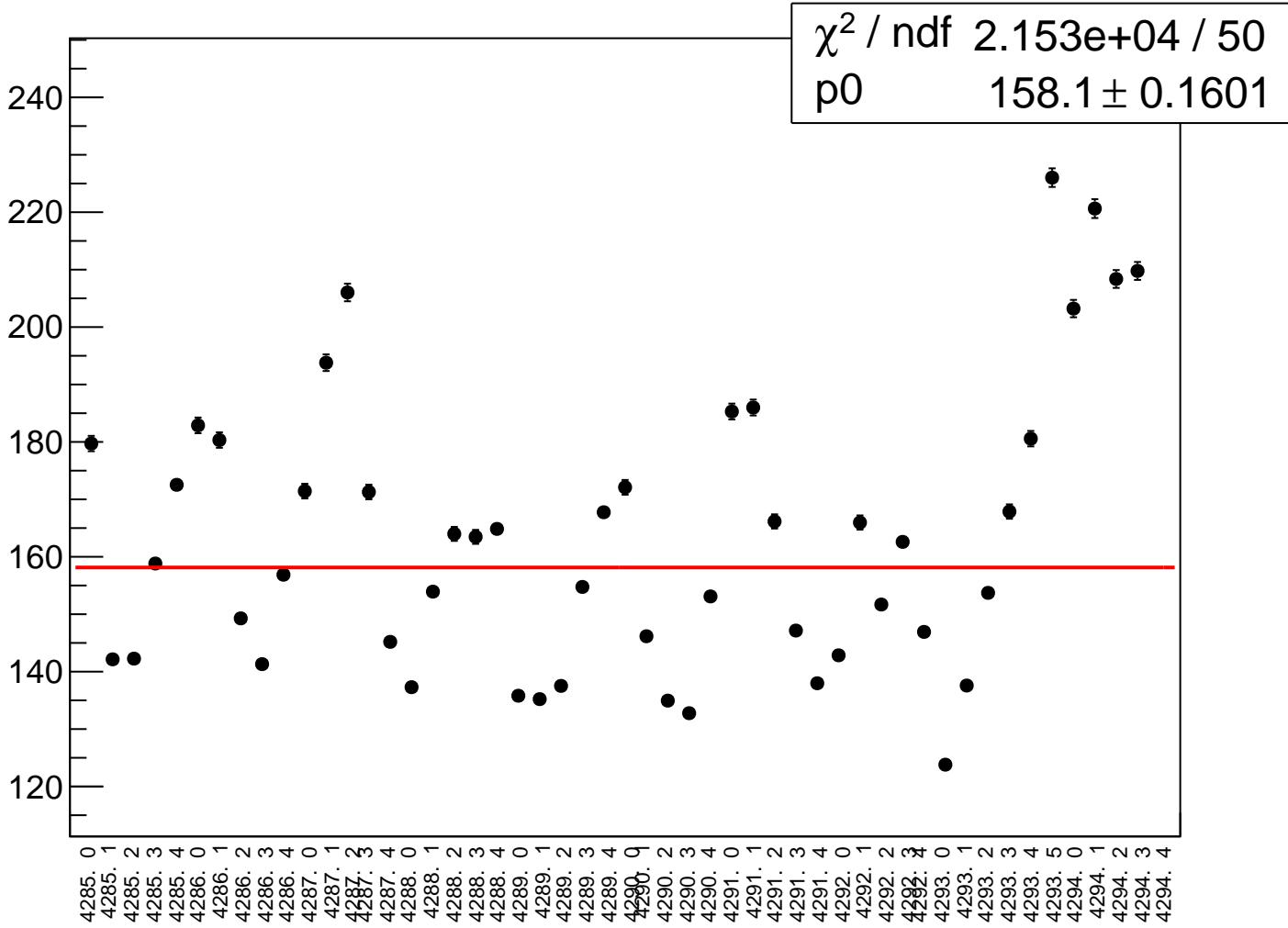


asym_cav4cQ_mean vs run

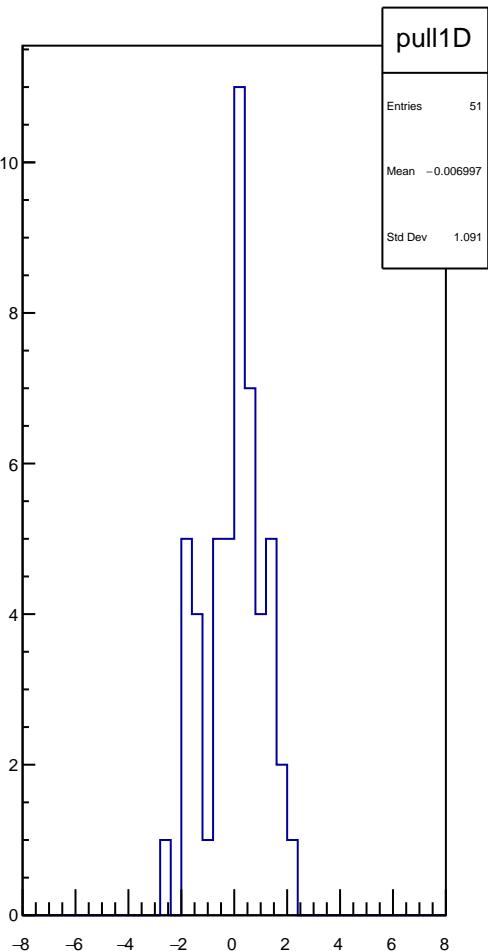
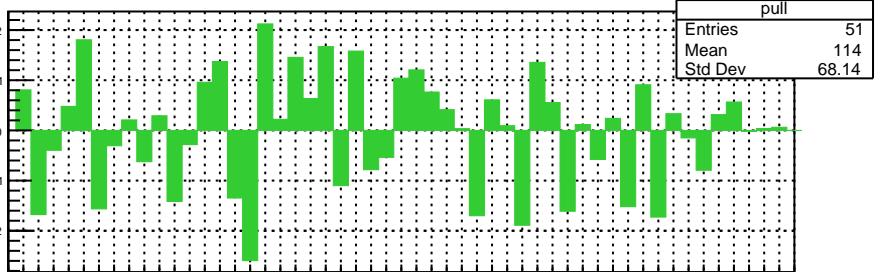
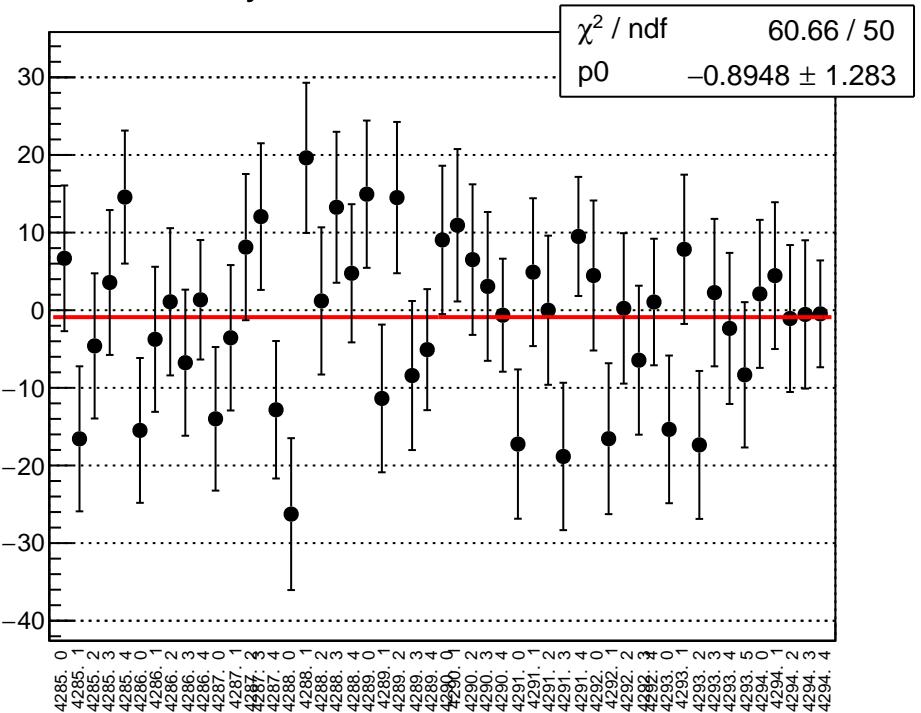
χ^2 / ndf 6.078 / 50
p0 -2.544 ± 226.5



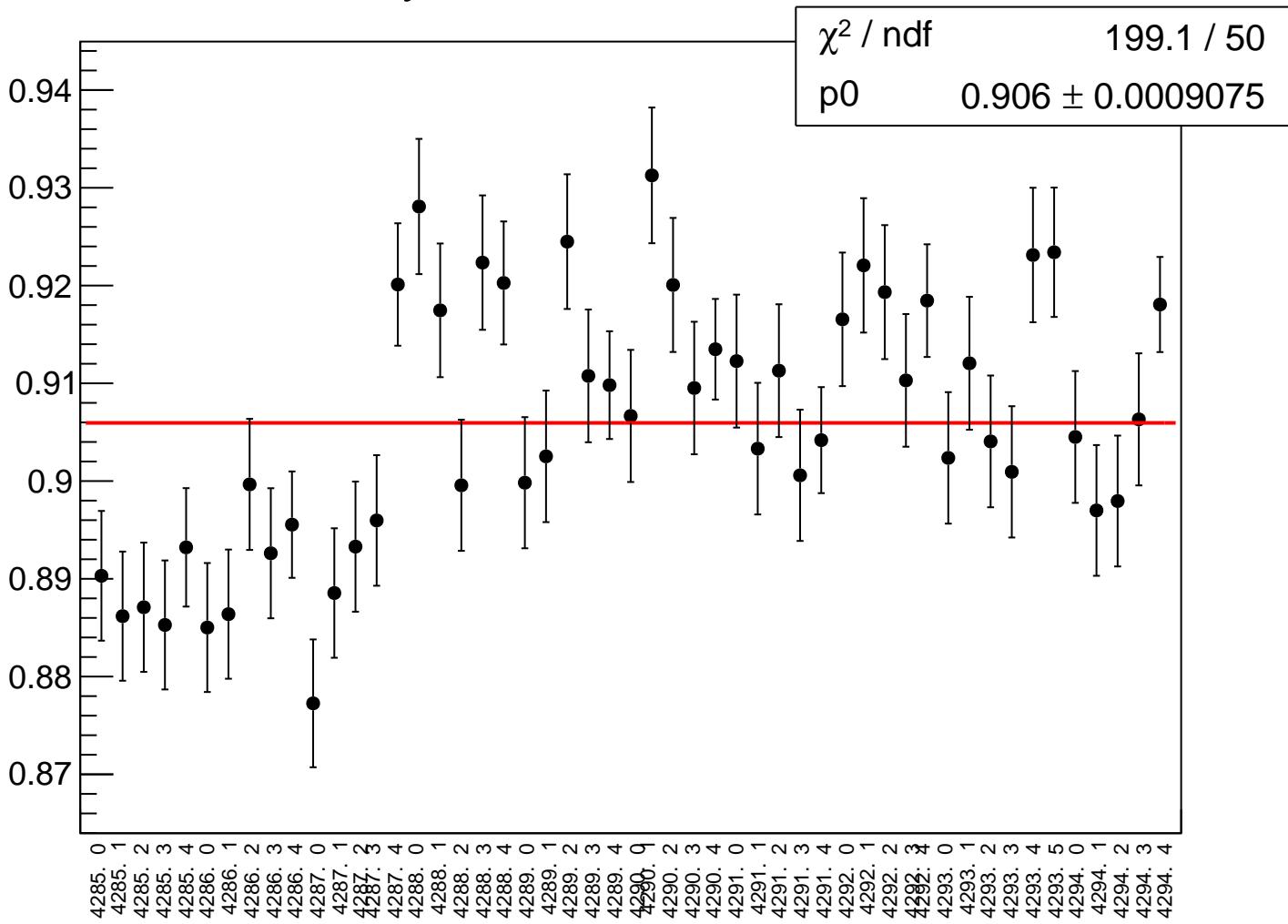
asym_cav4cQ_rms vs run



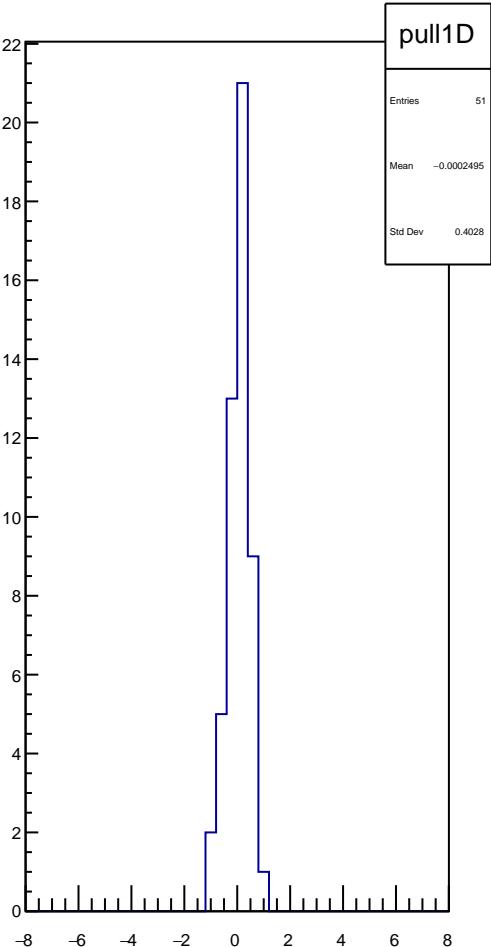
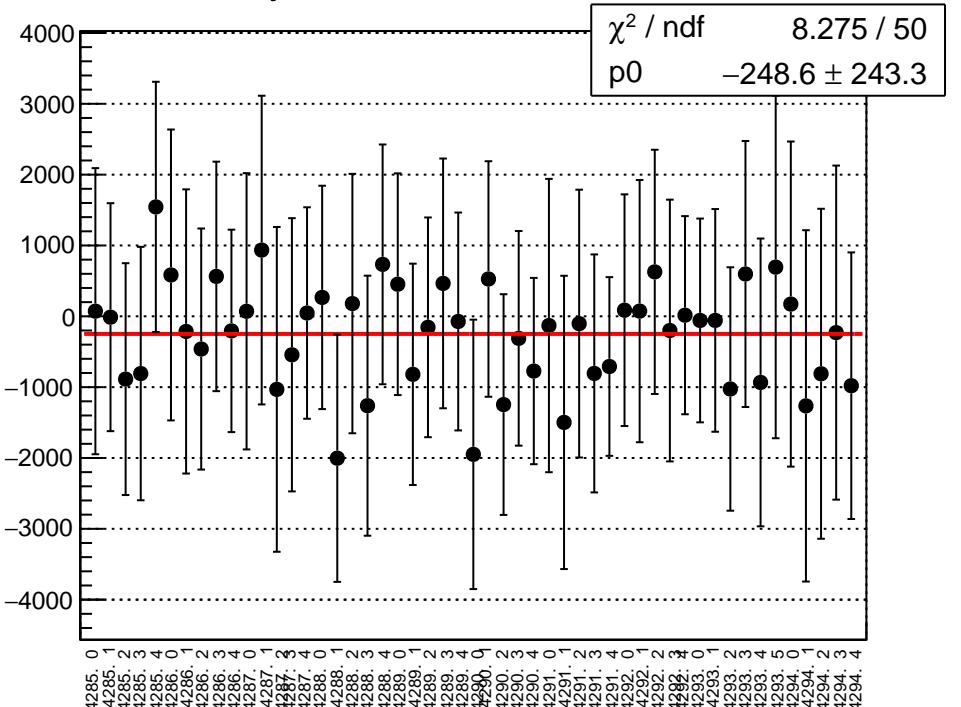
asym_cav4dQ_mean vs run



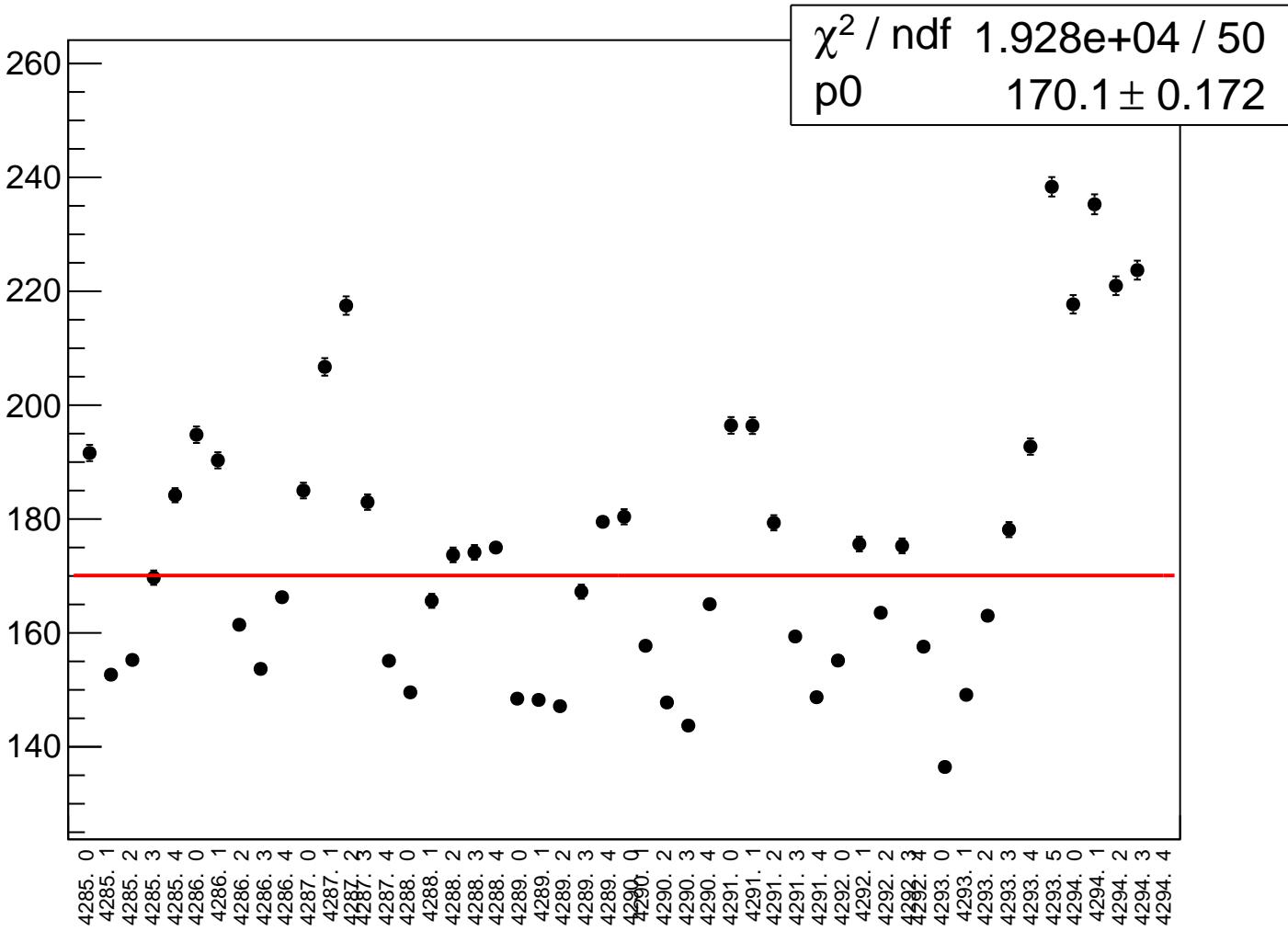
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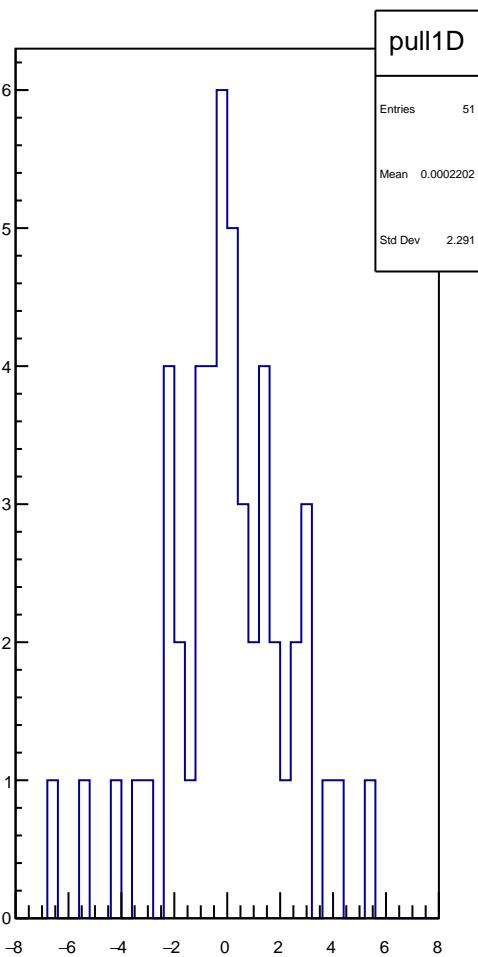
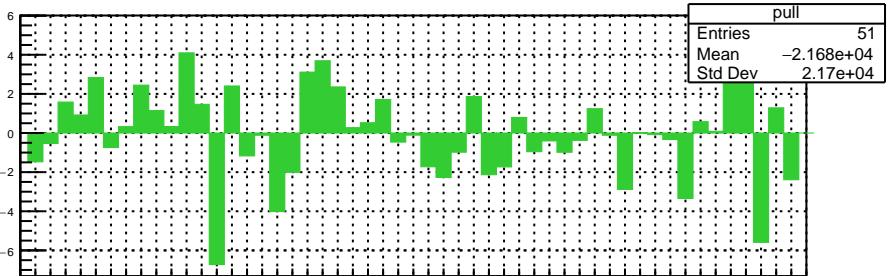
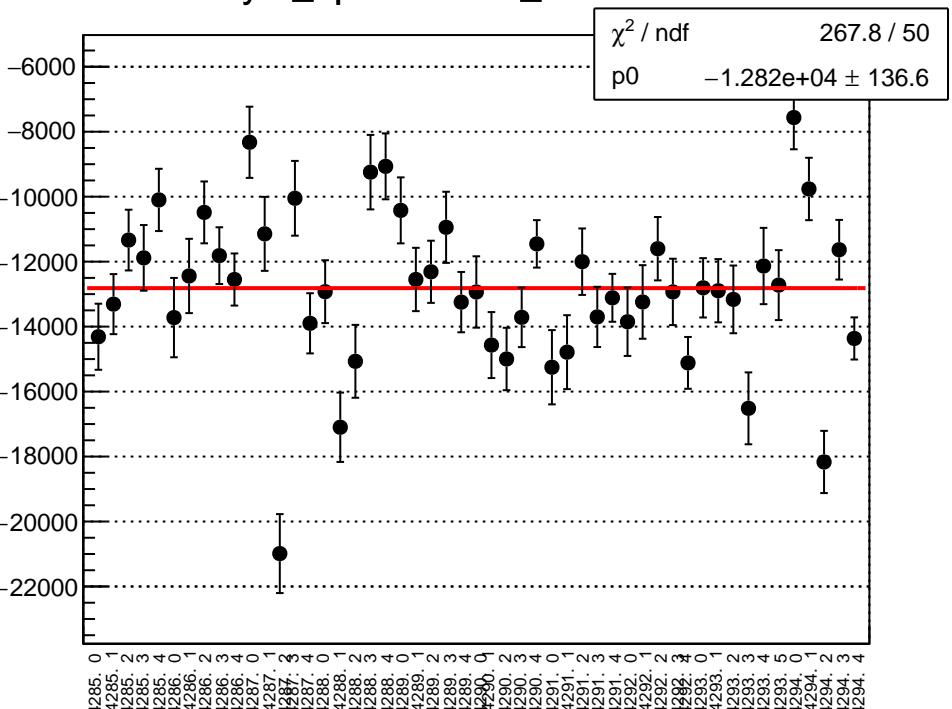
asym_bcm0l02_mean vs run



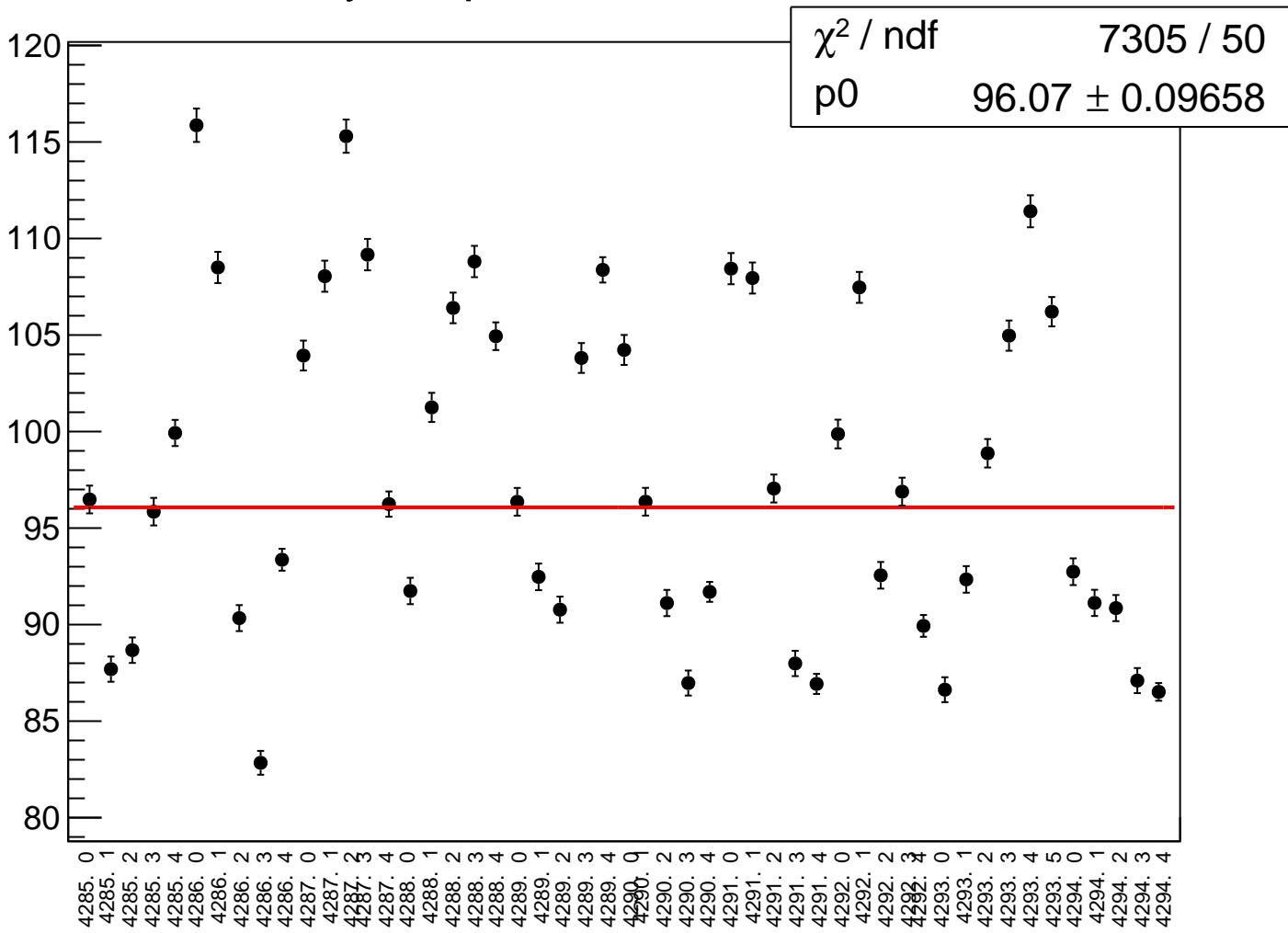
asym_bcm0l02_rms vs run



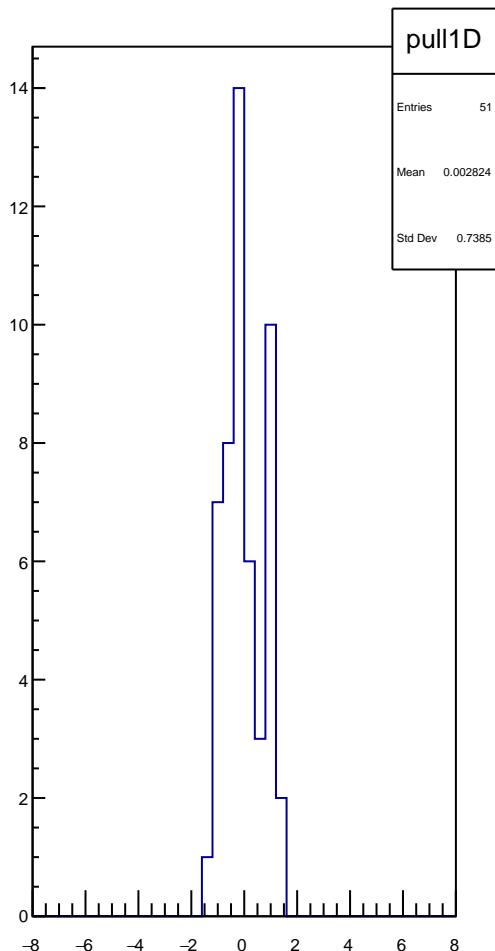
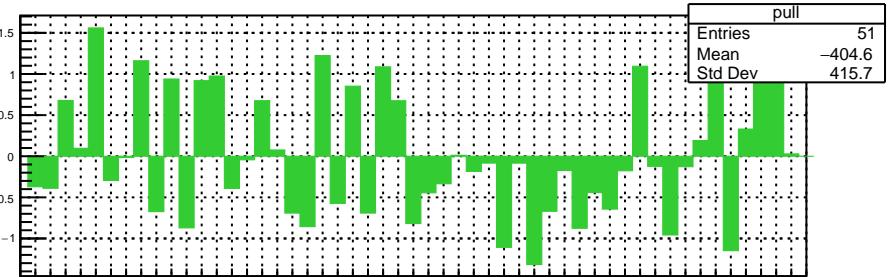
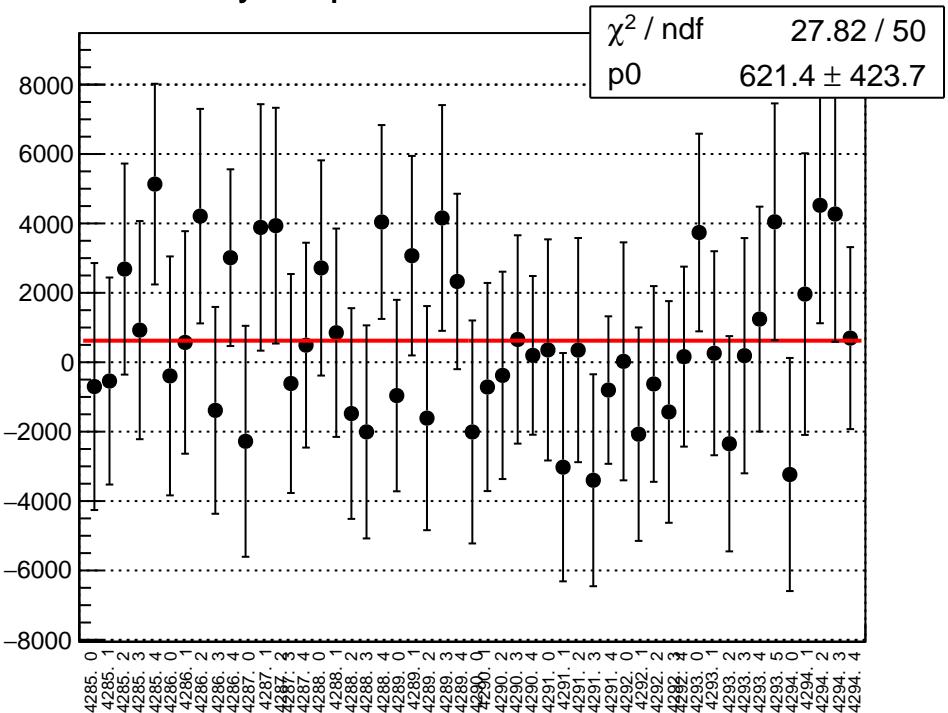
asym_bpm2i01WS_mean vs run



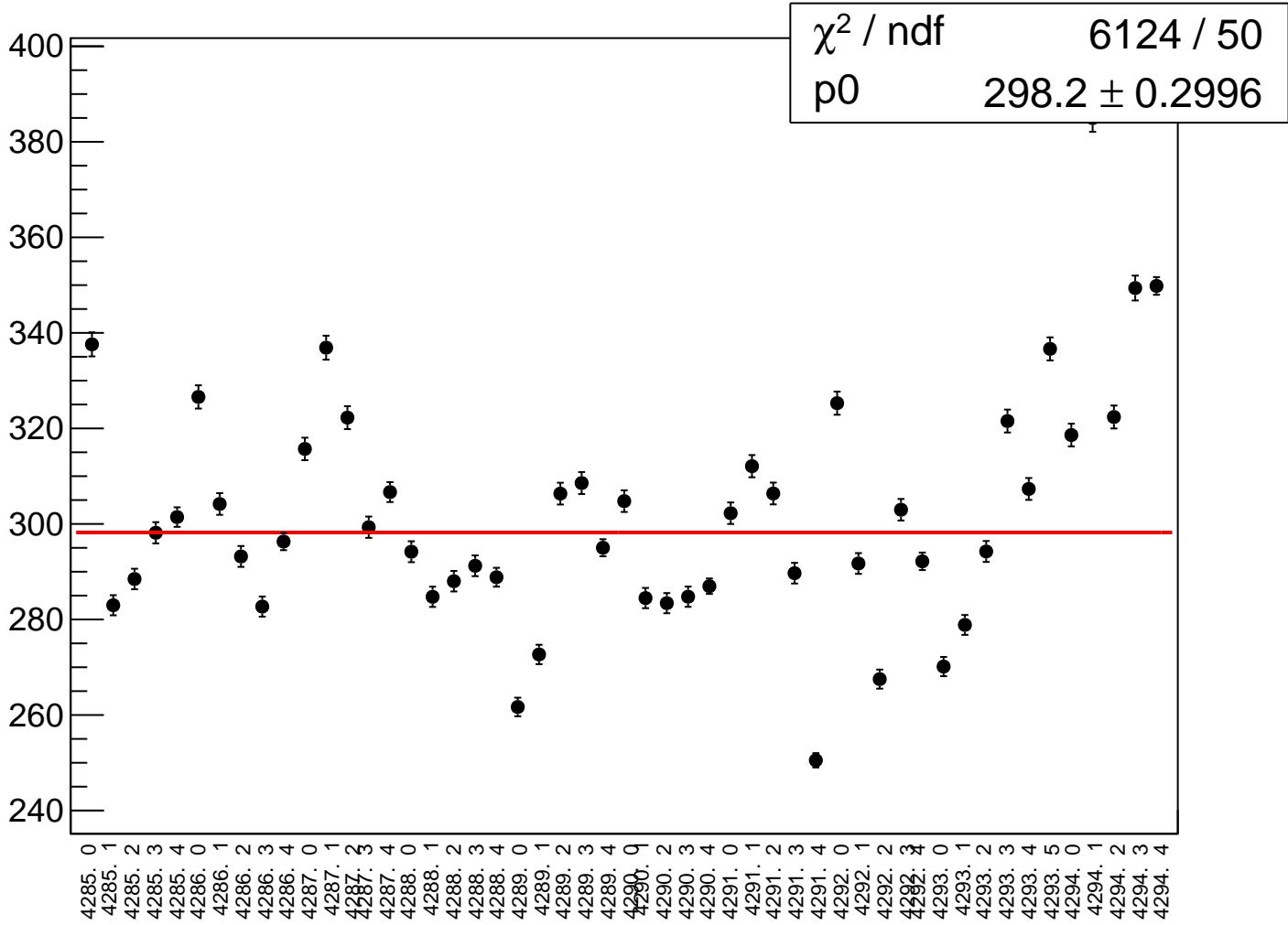
asym_bpm2i01WS_rms vs run



asym_bpm0i07WS_mean vs run

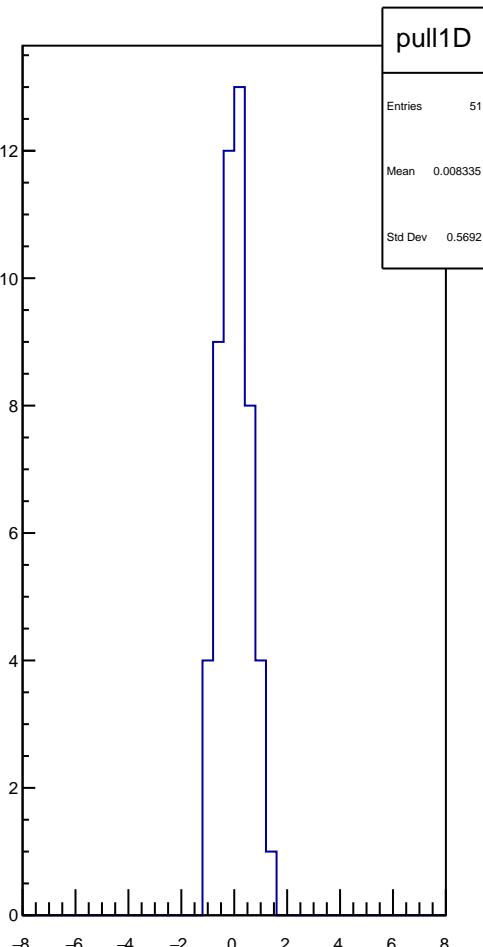
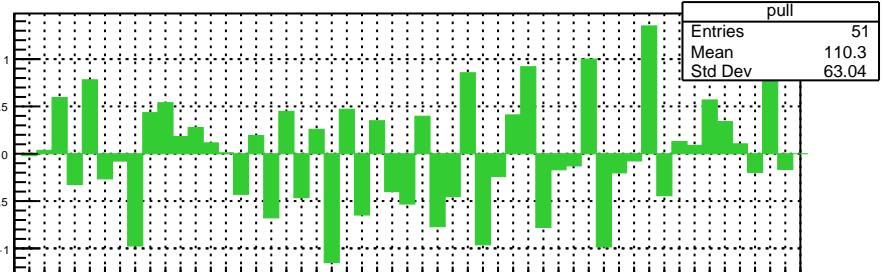
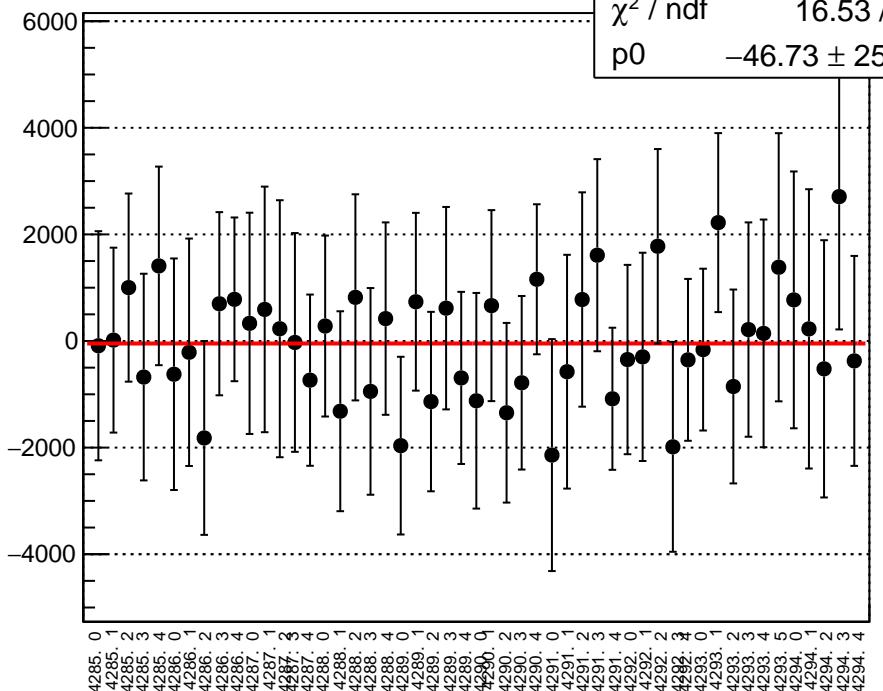


asym_bpm0i07WS_rms vs run

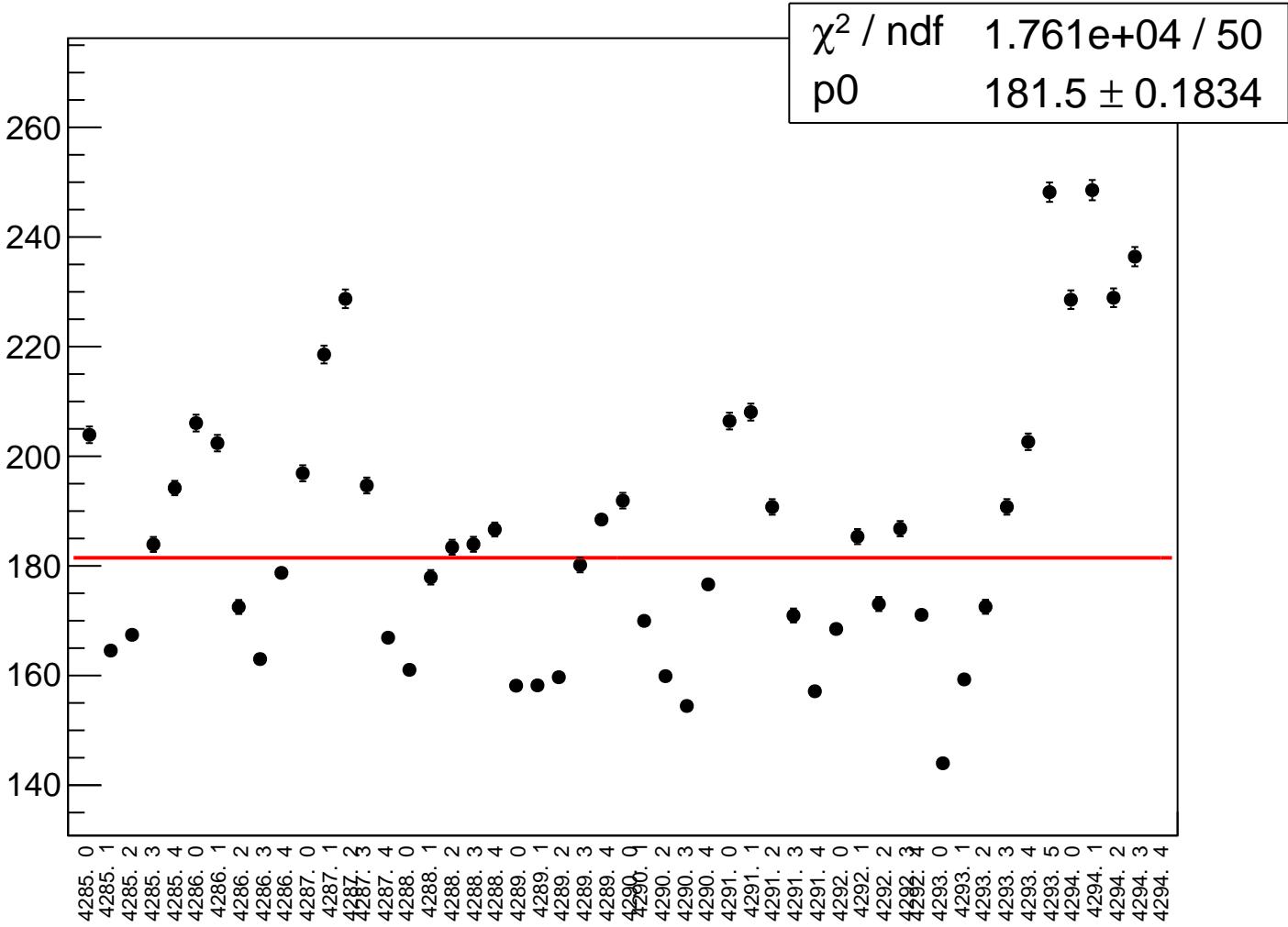


asym_bpm0l01WS_mean vs run

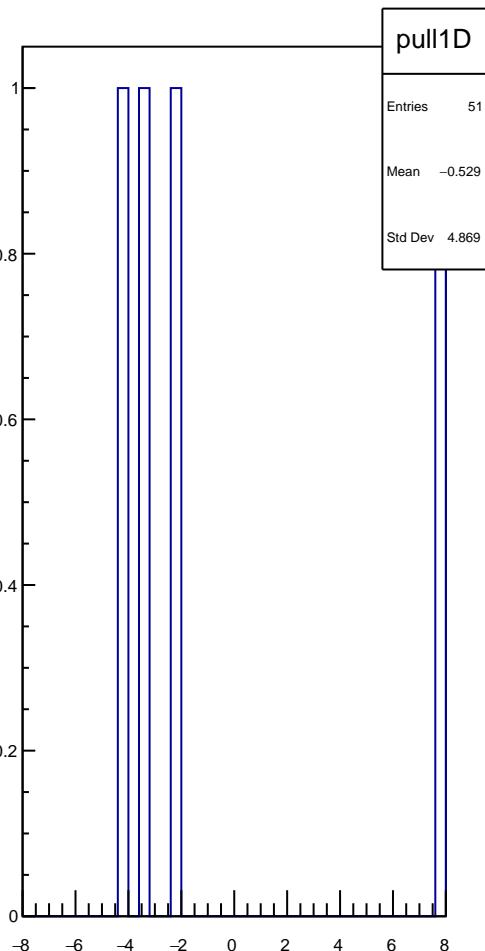
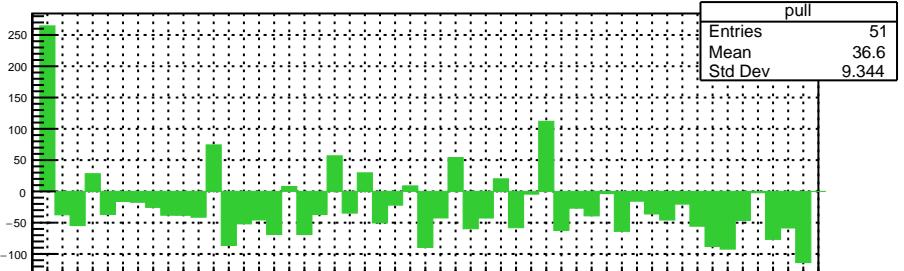
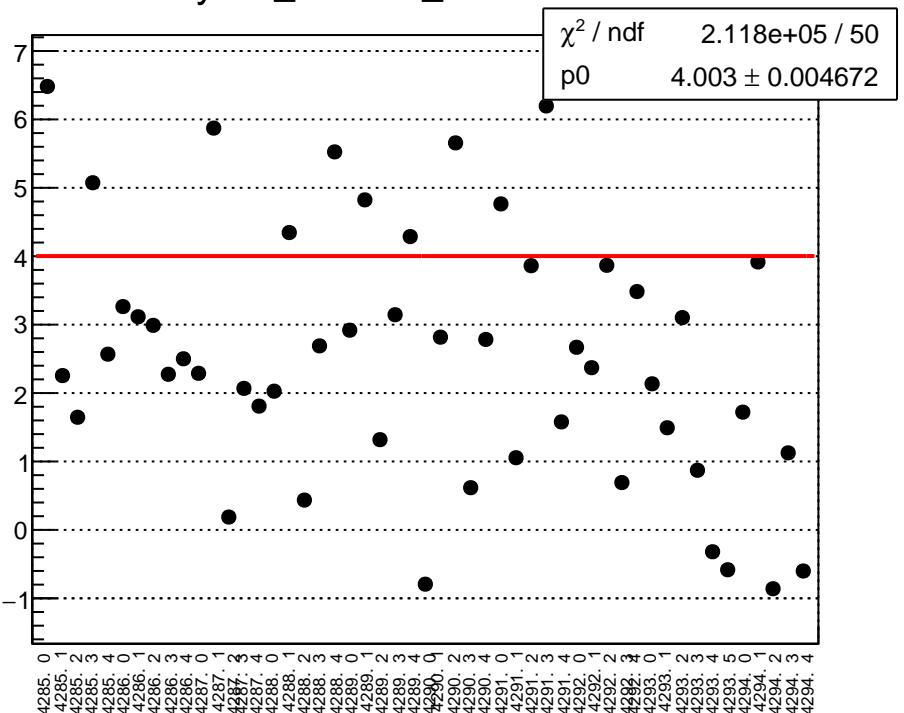
χ^2 / ndf 16.53 / 50
 p_0 -46.73 ± 259.4



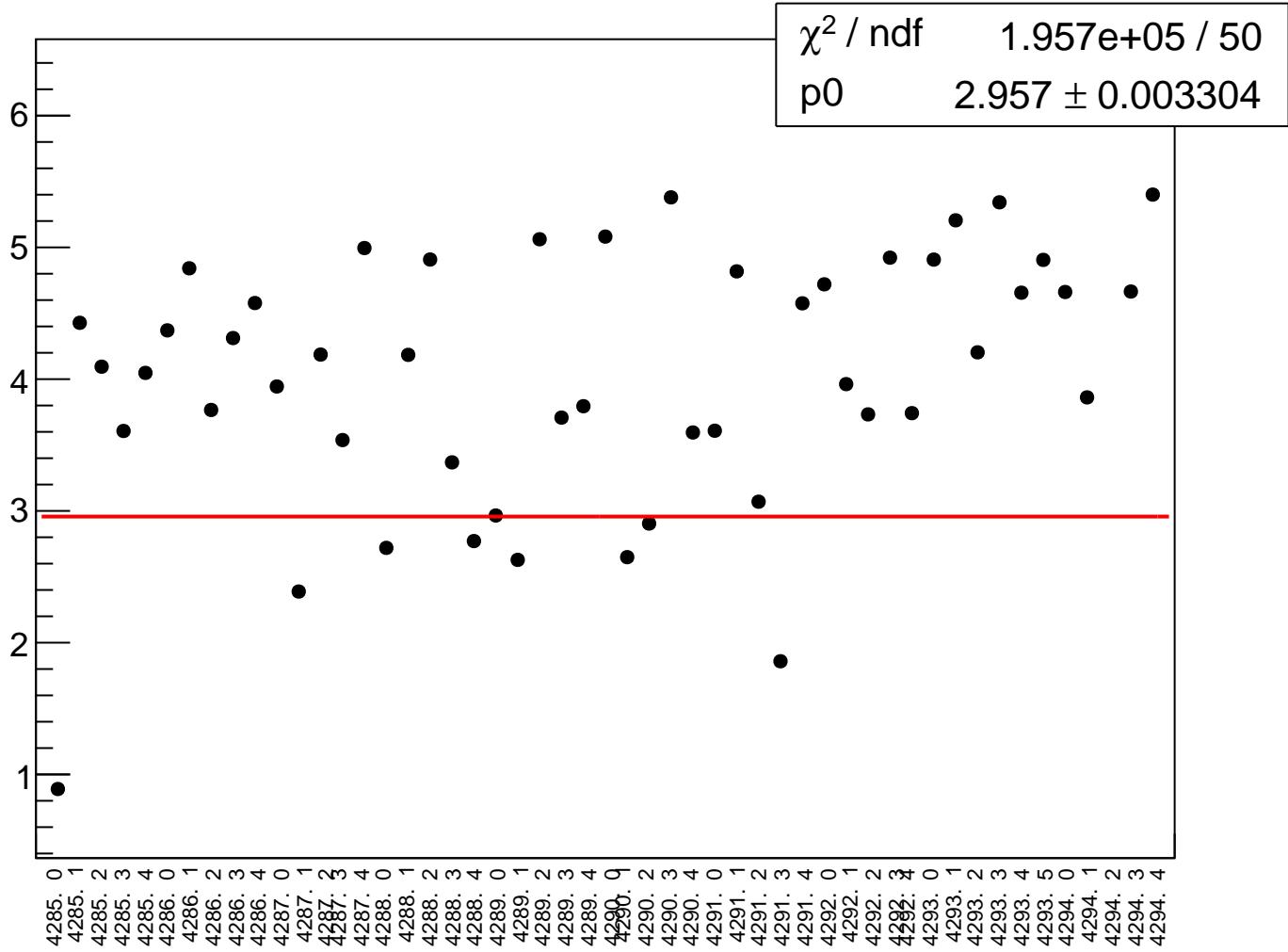
asym_bpm0l01WS_rms vs run



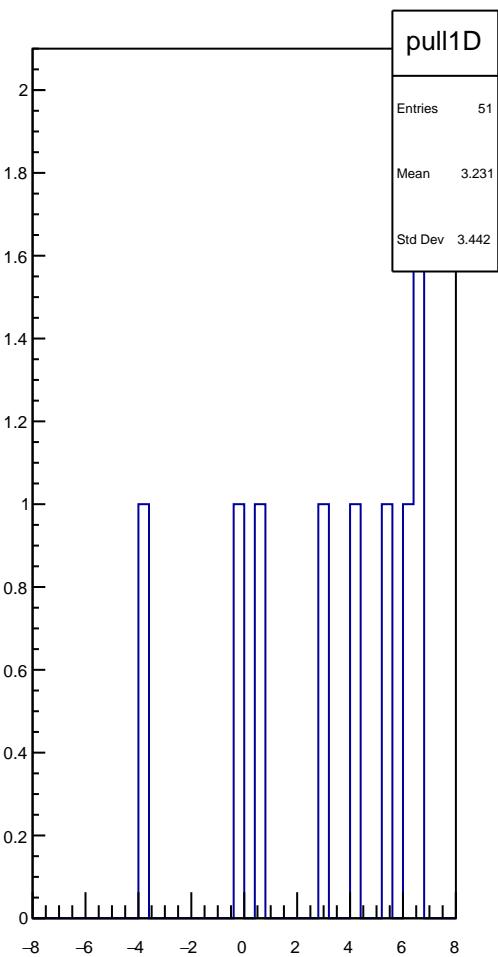
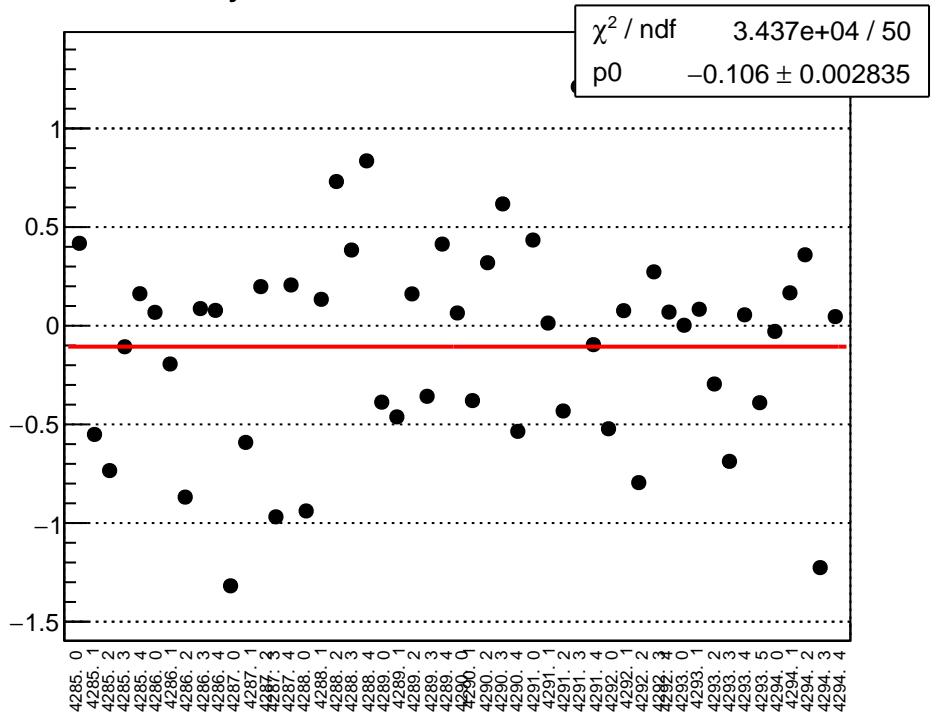
yield_cav4bX_mean vs run



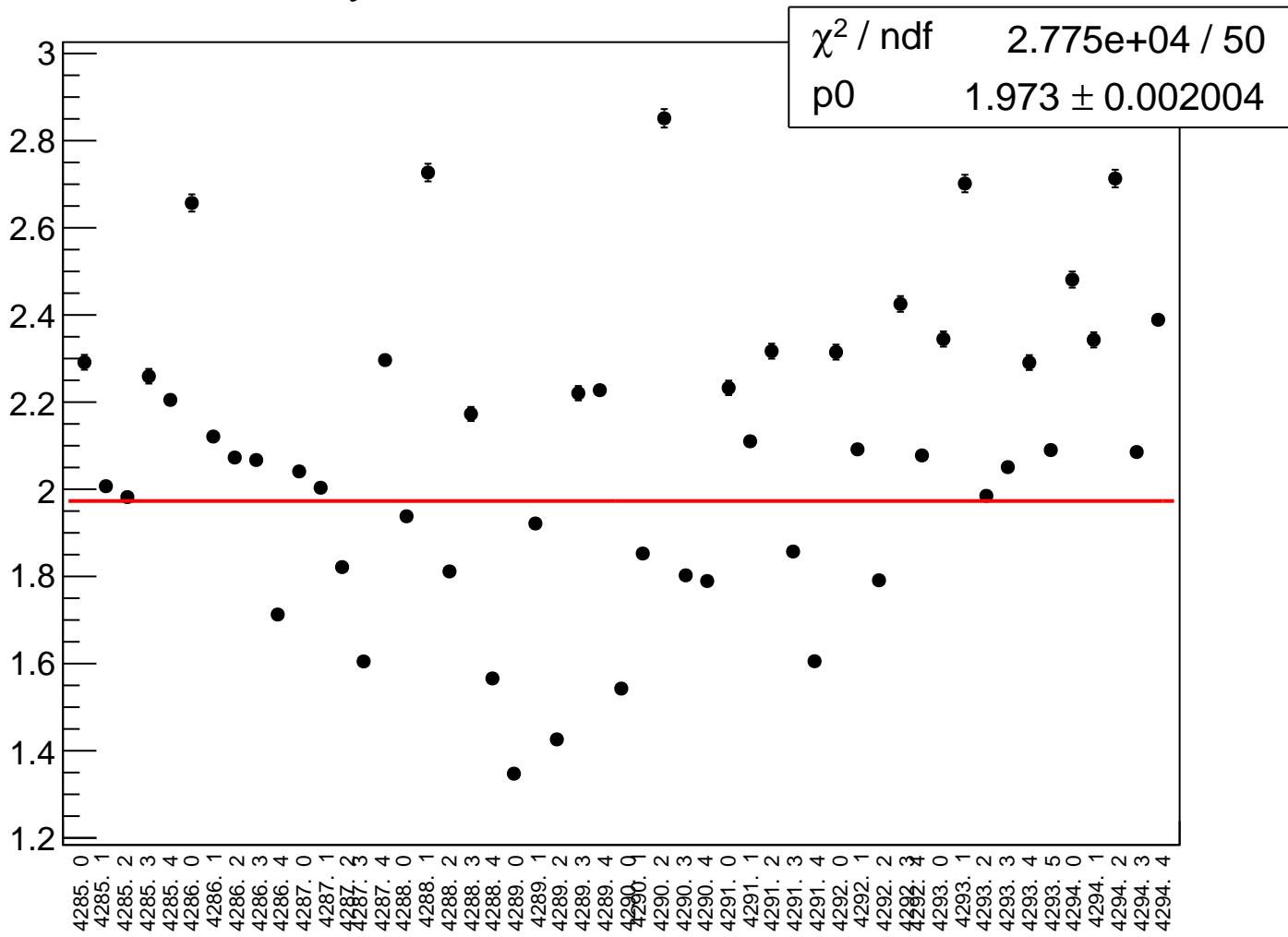
yield_cav4bX_rms vs run



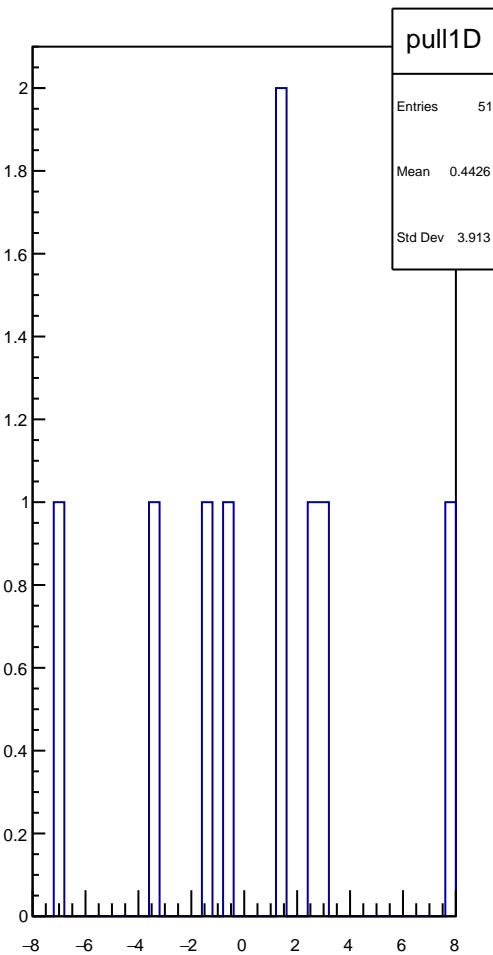
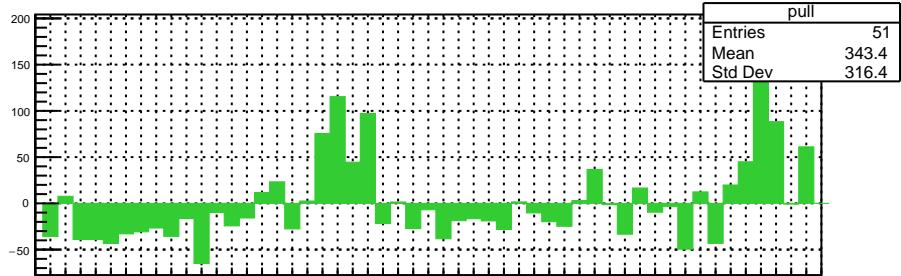
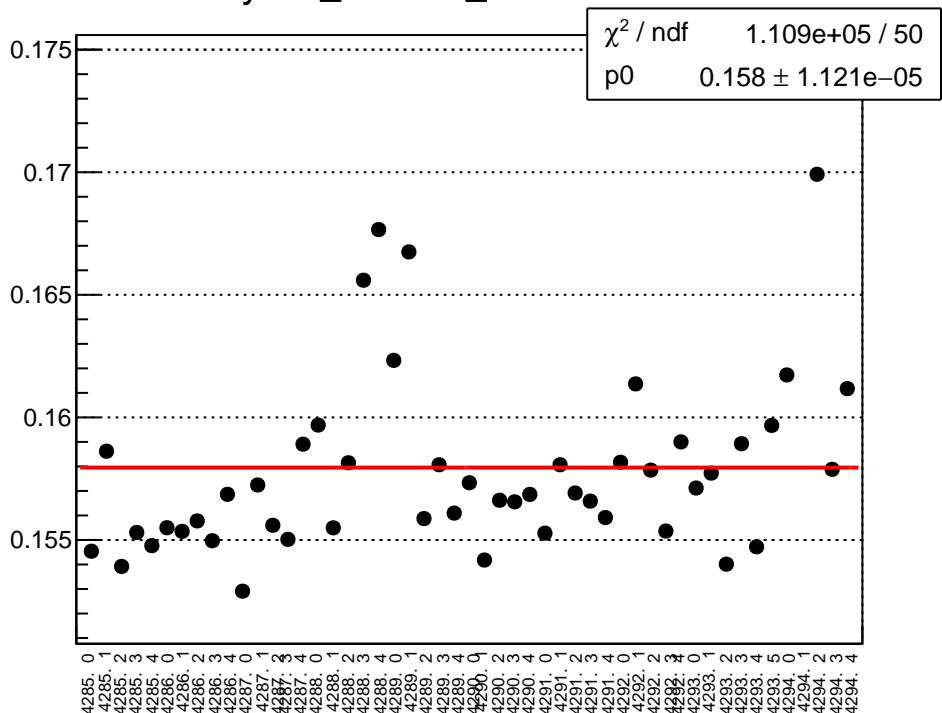
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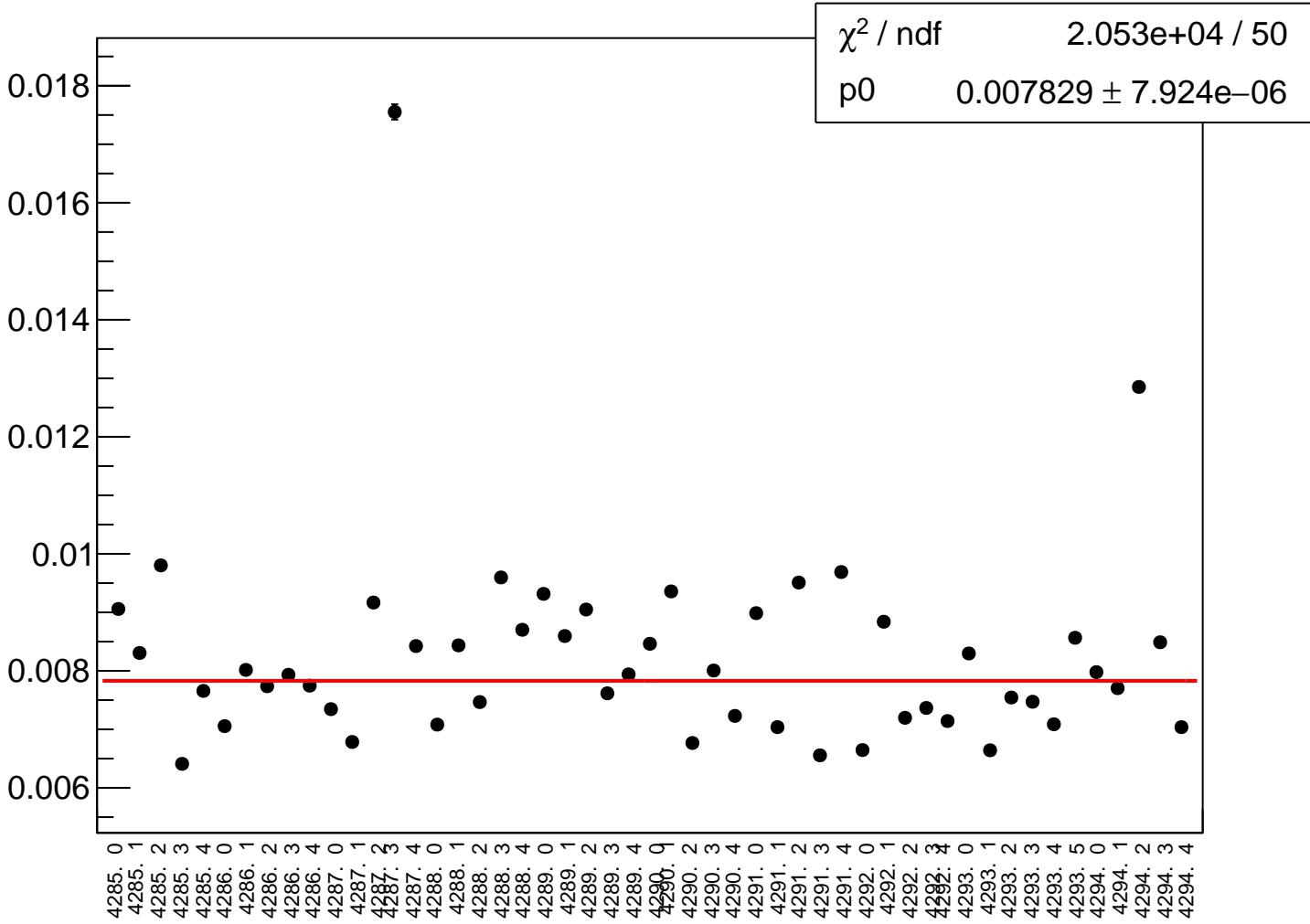
yield_cav4bY_rms vs run



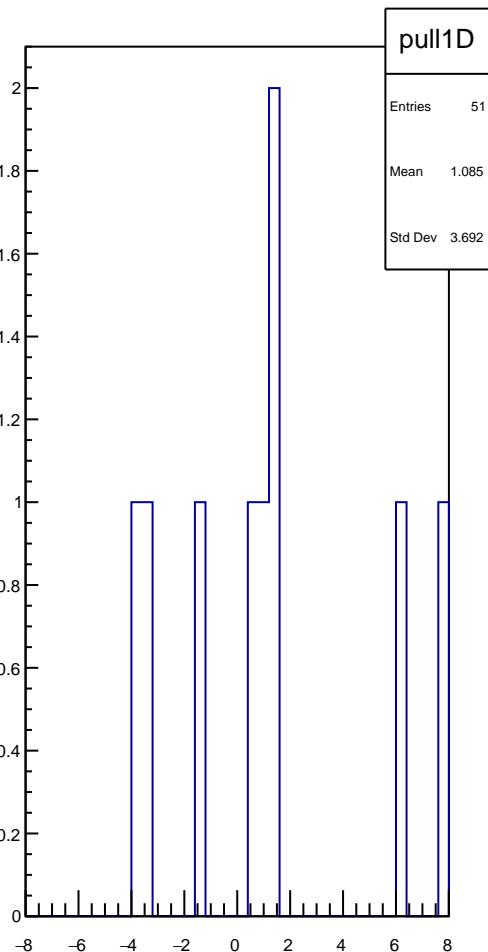
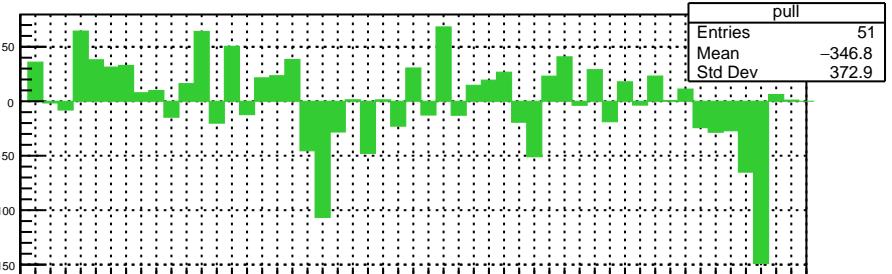
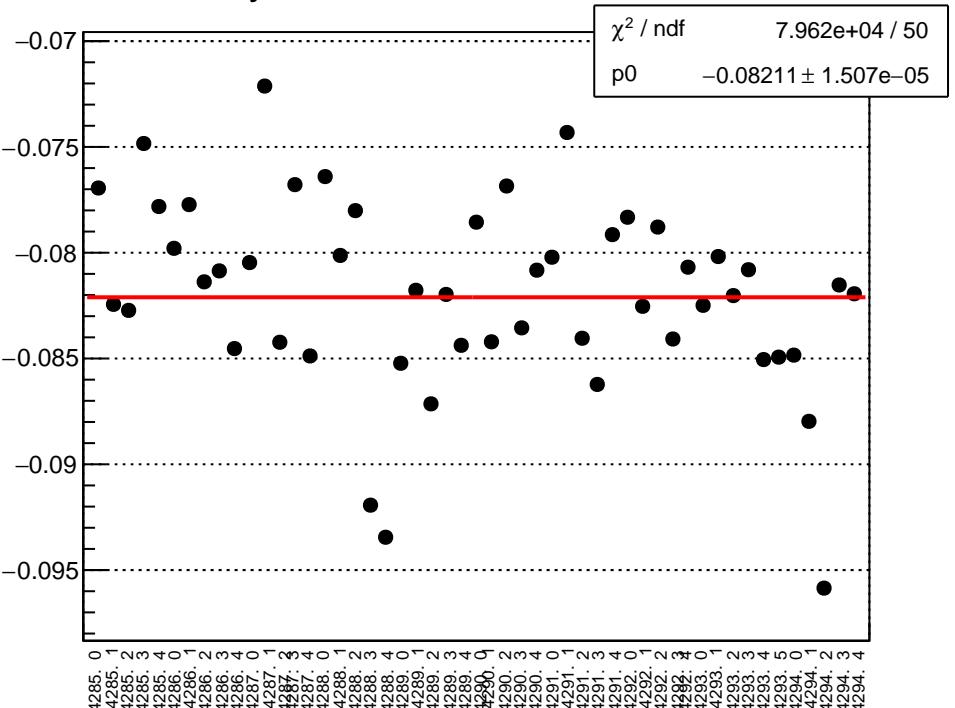
yield_cav4cX_mean vs run



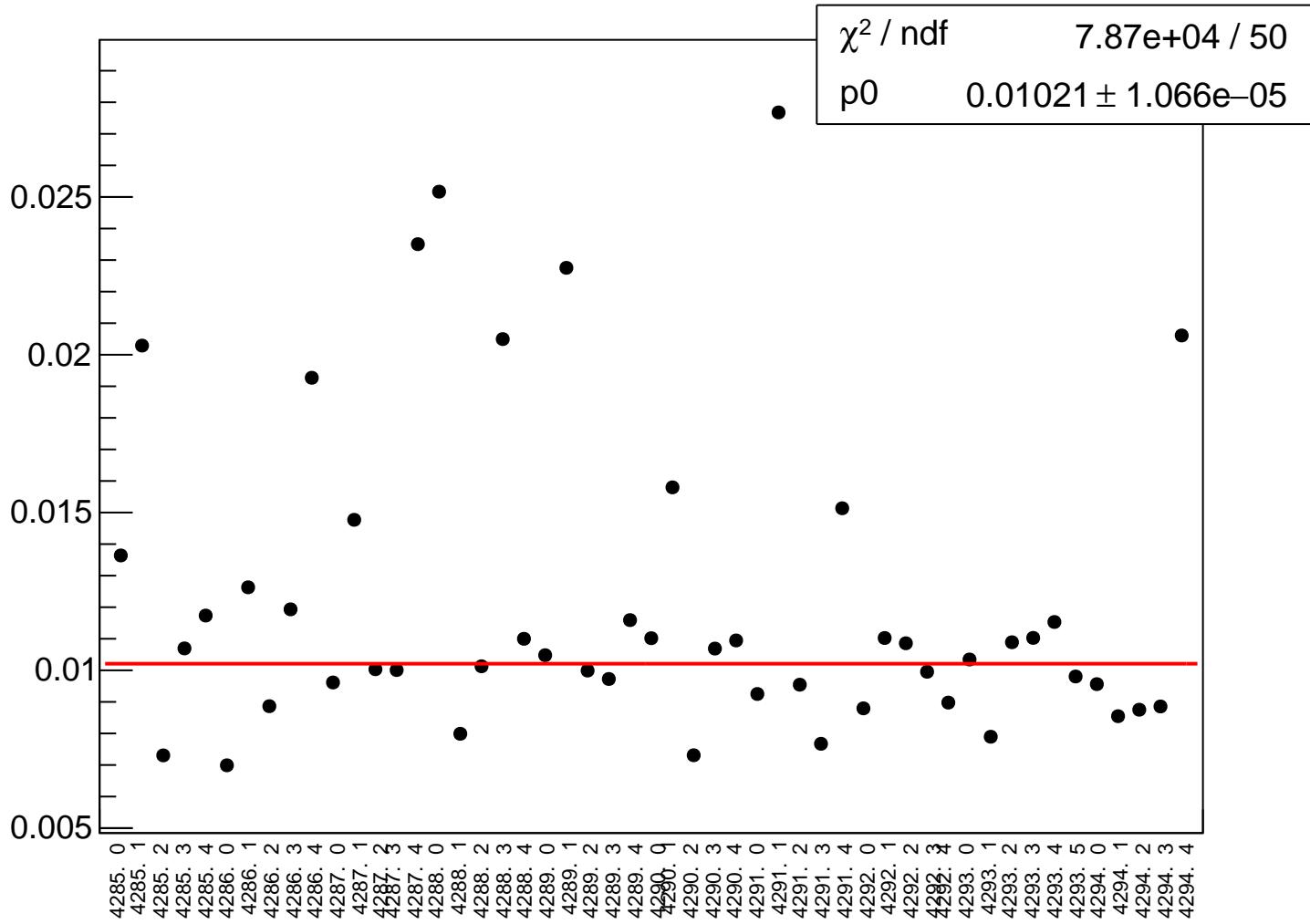
yield_cav4cX_rms vs run



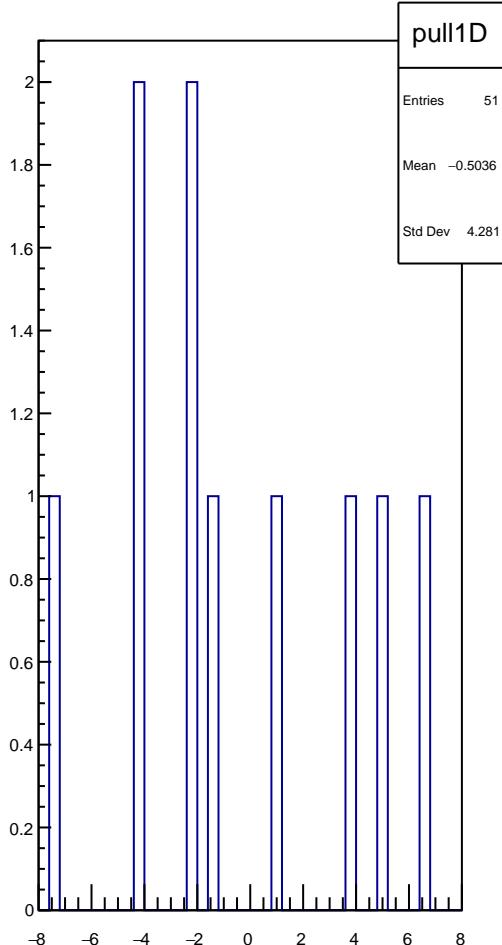
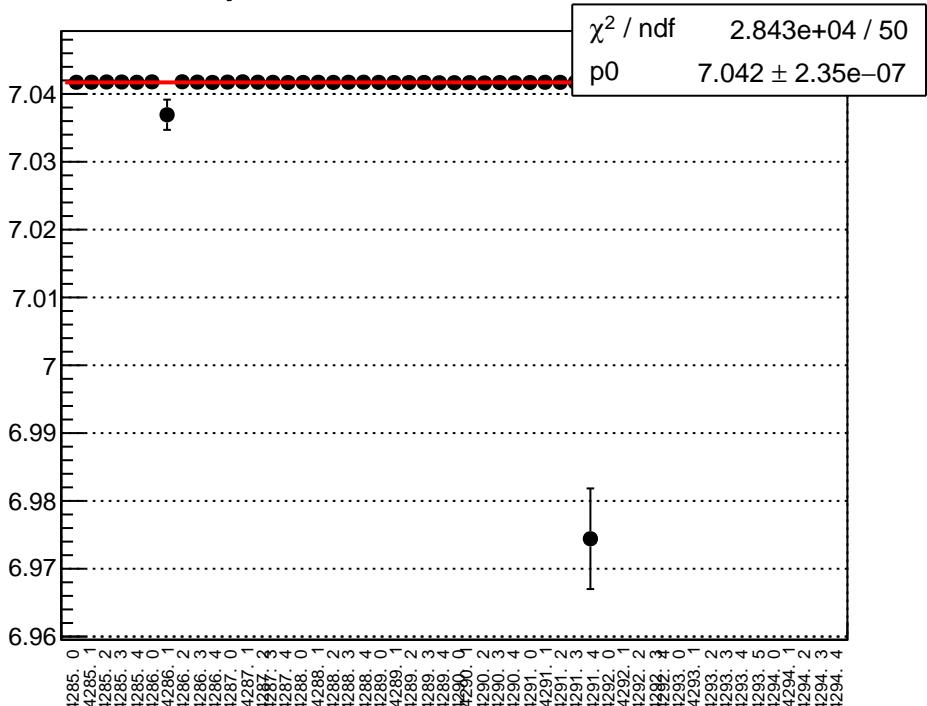
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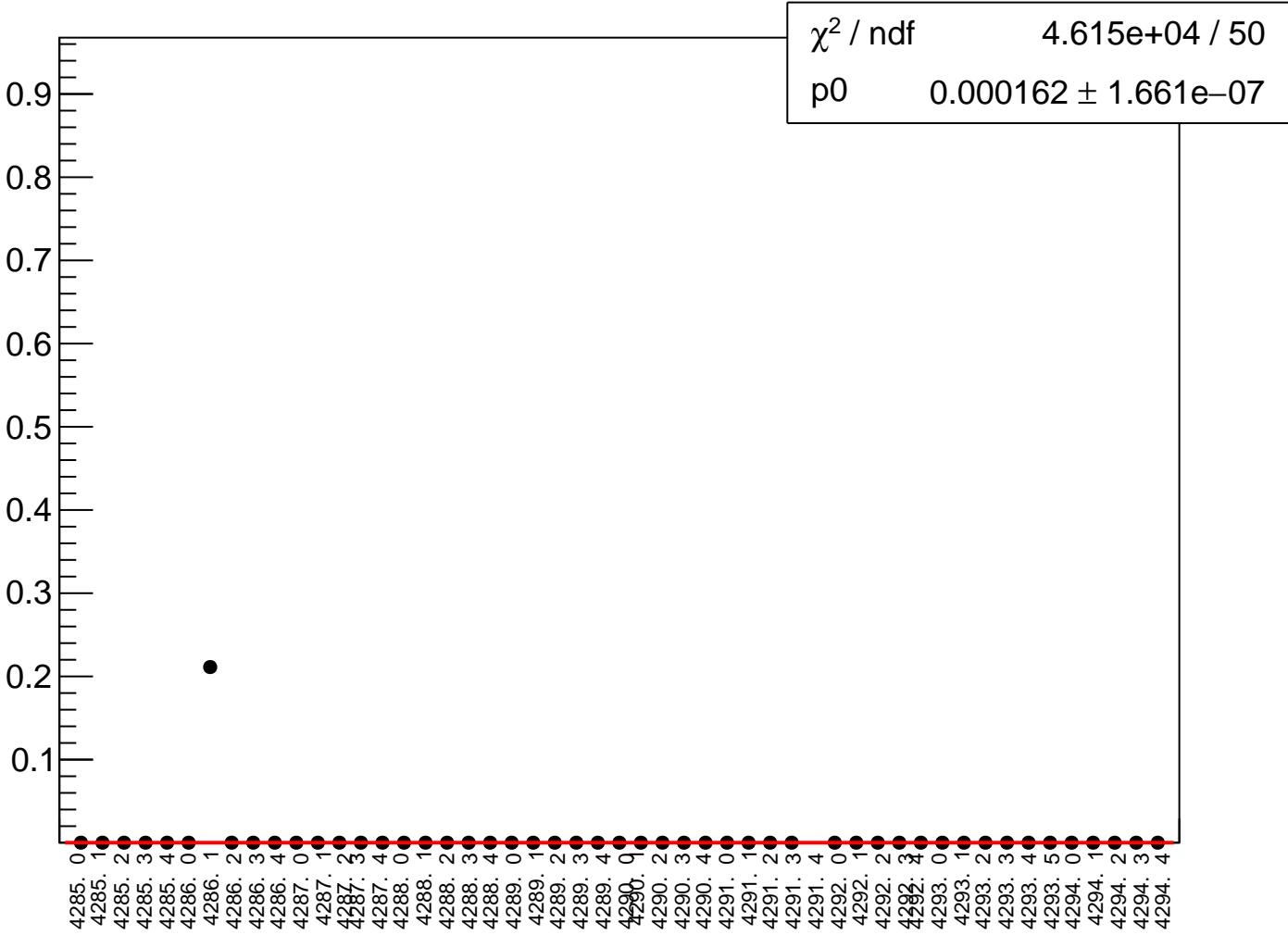
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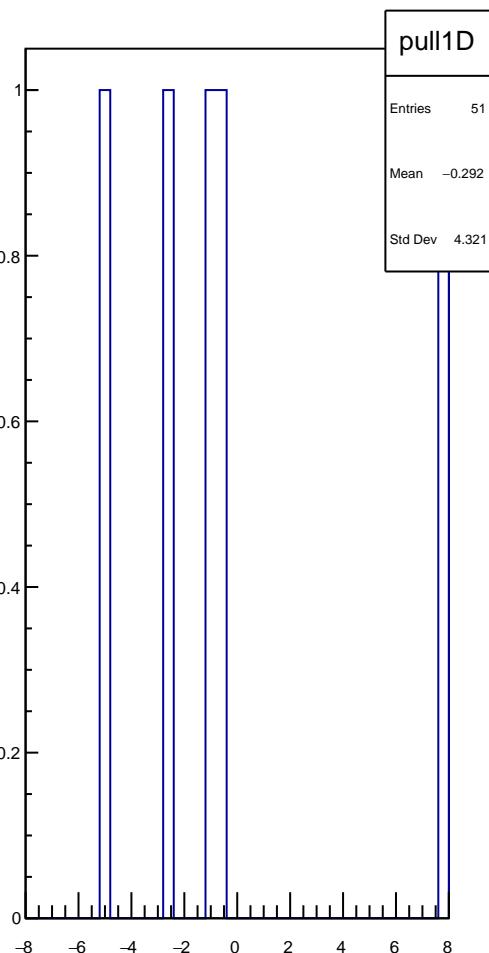
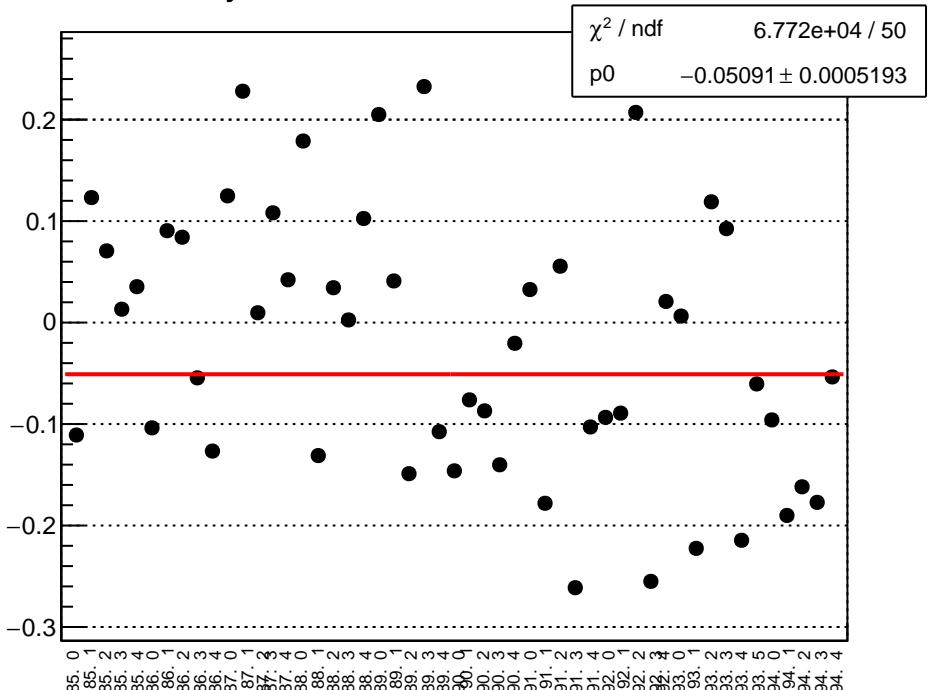
yield_cav4dX_mean vs run



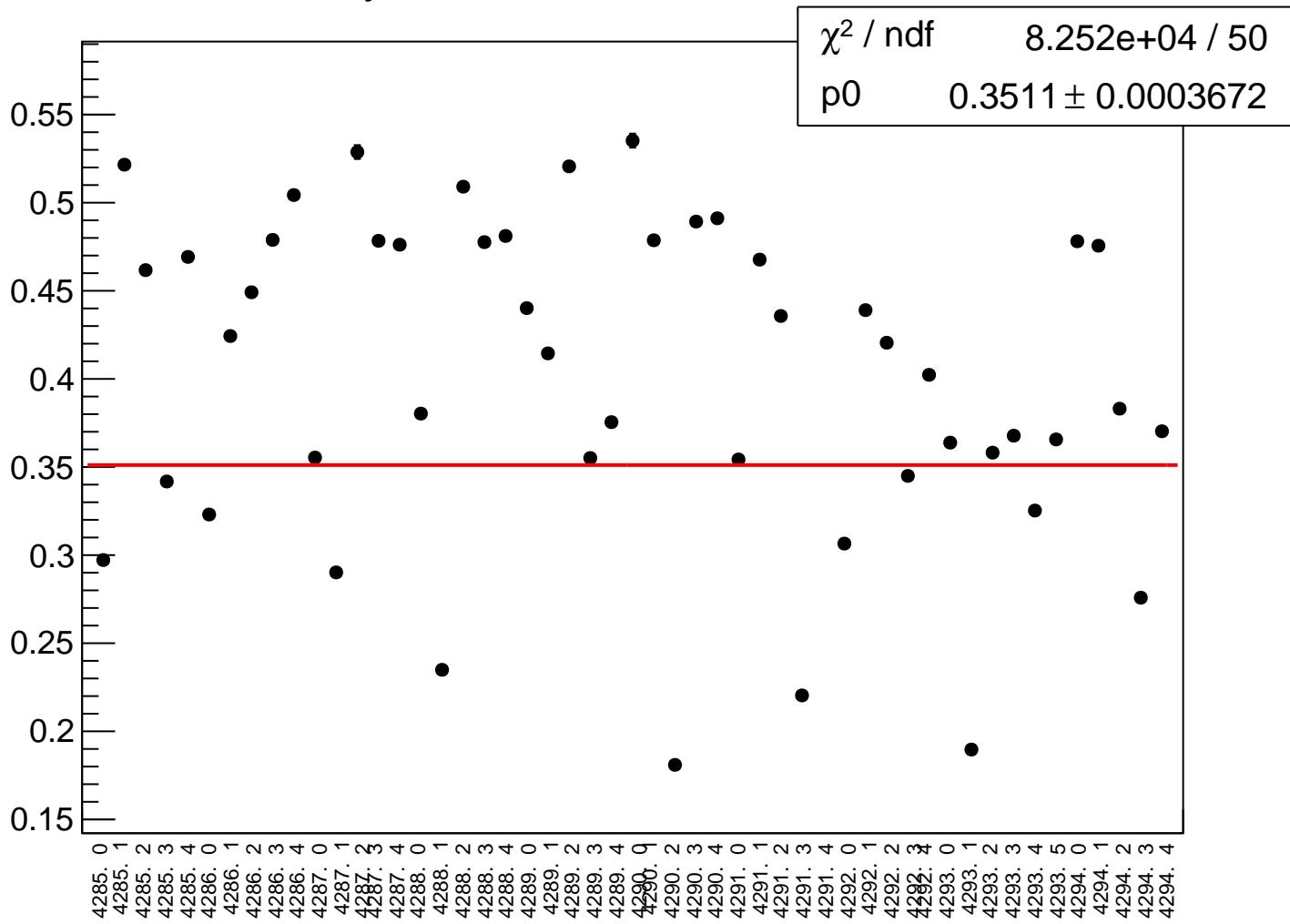
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yield_cav4dY_mean vs run

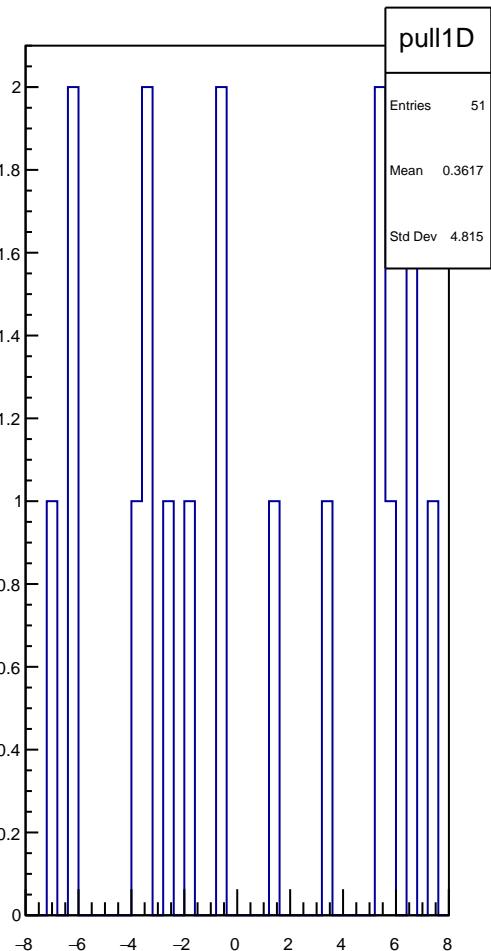
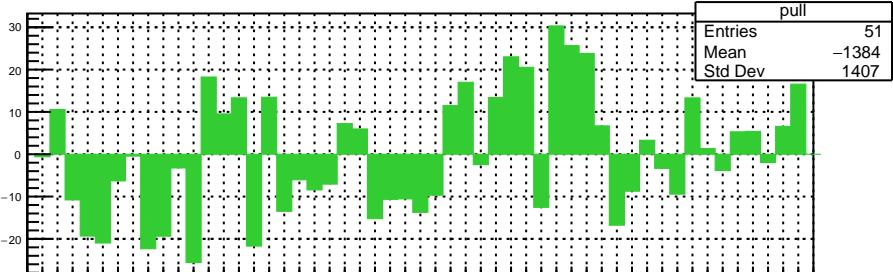
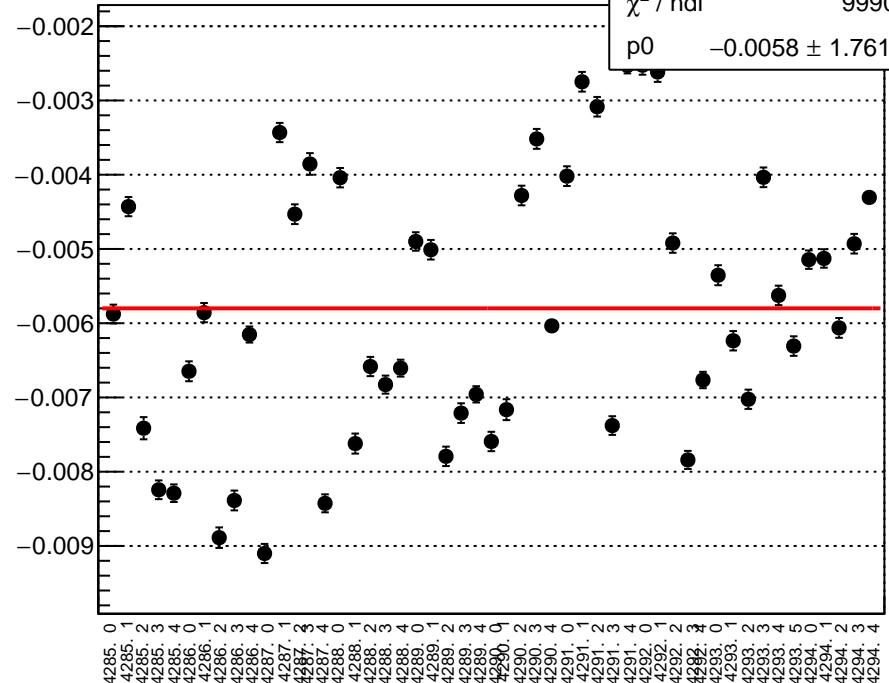


yield_cav4dY_rms vs run

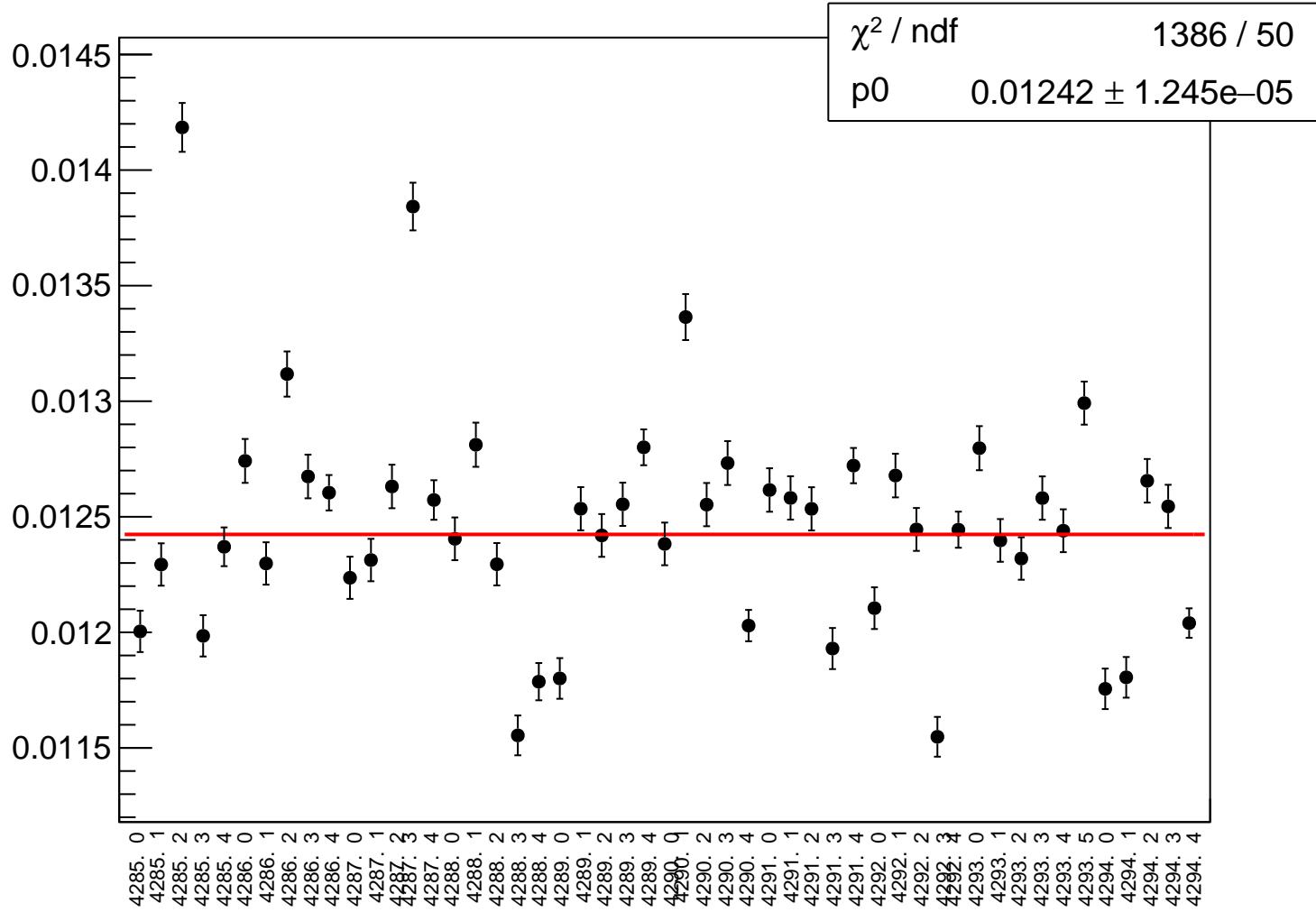


yield_bpm4aX_mean vs run

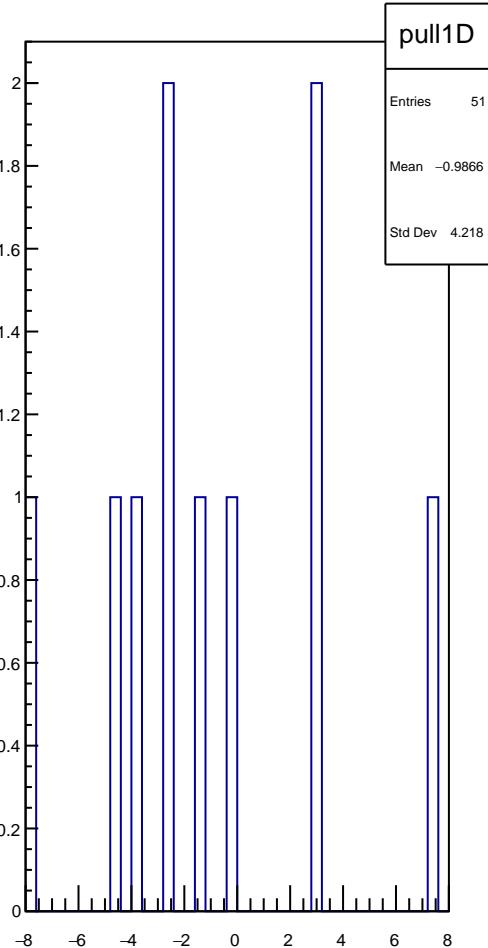
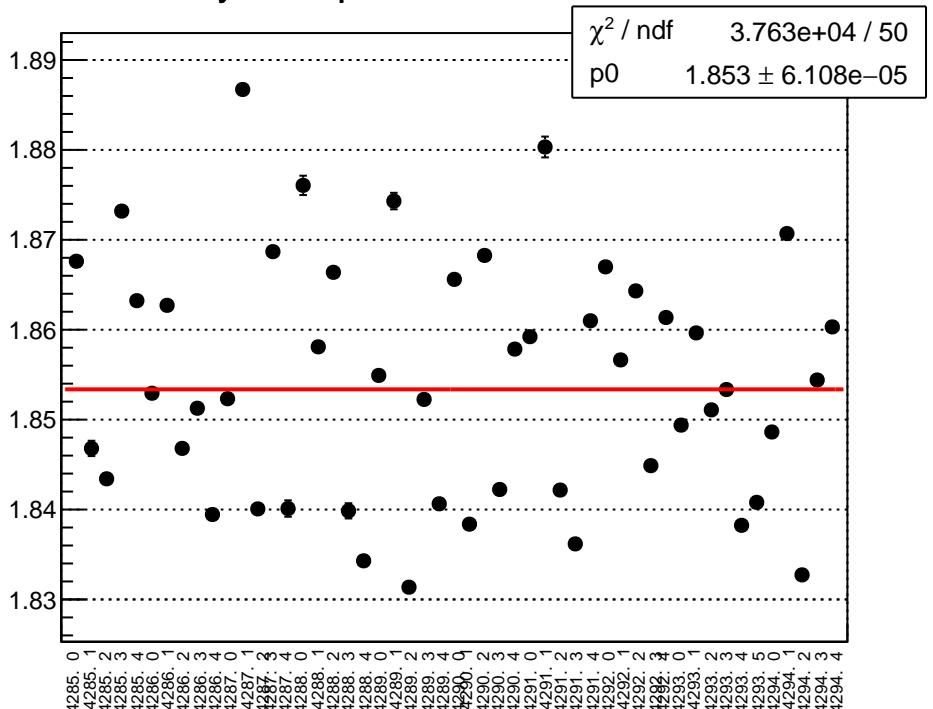
χ^2 / ndf 9990 / 50
 p_0 $-0.0058 \pm 1.761\text{e}-05$



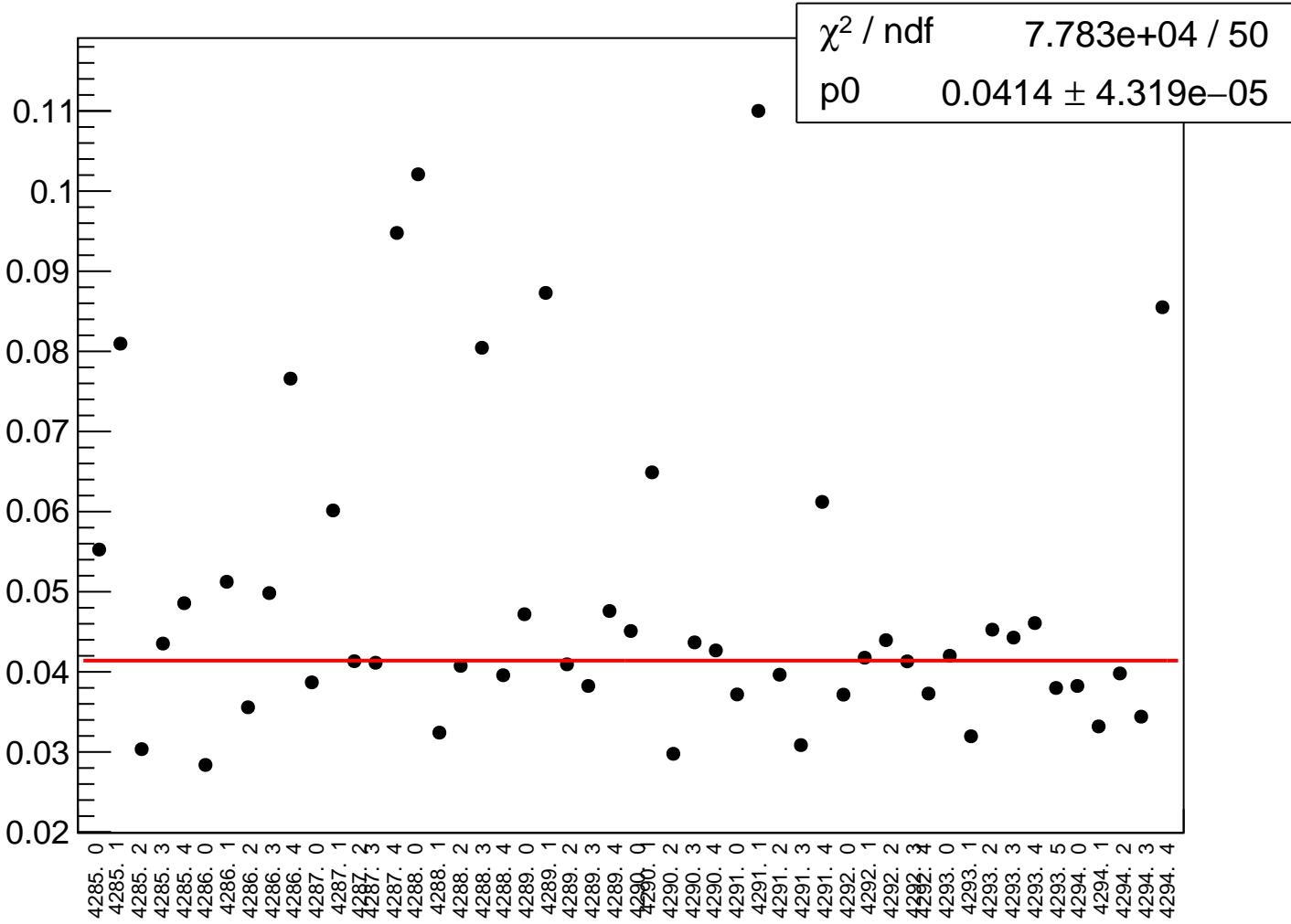
yield_bpm4aX_rms vs run



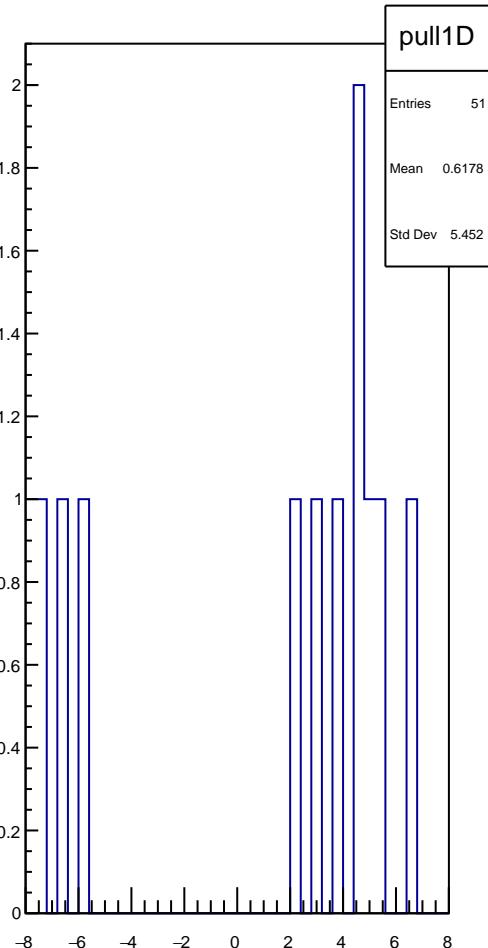
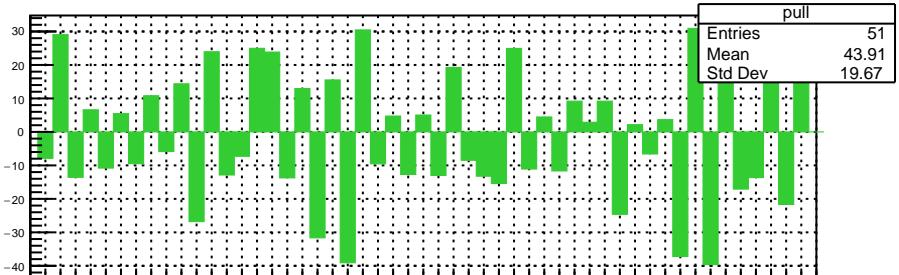
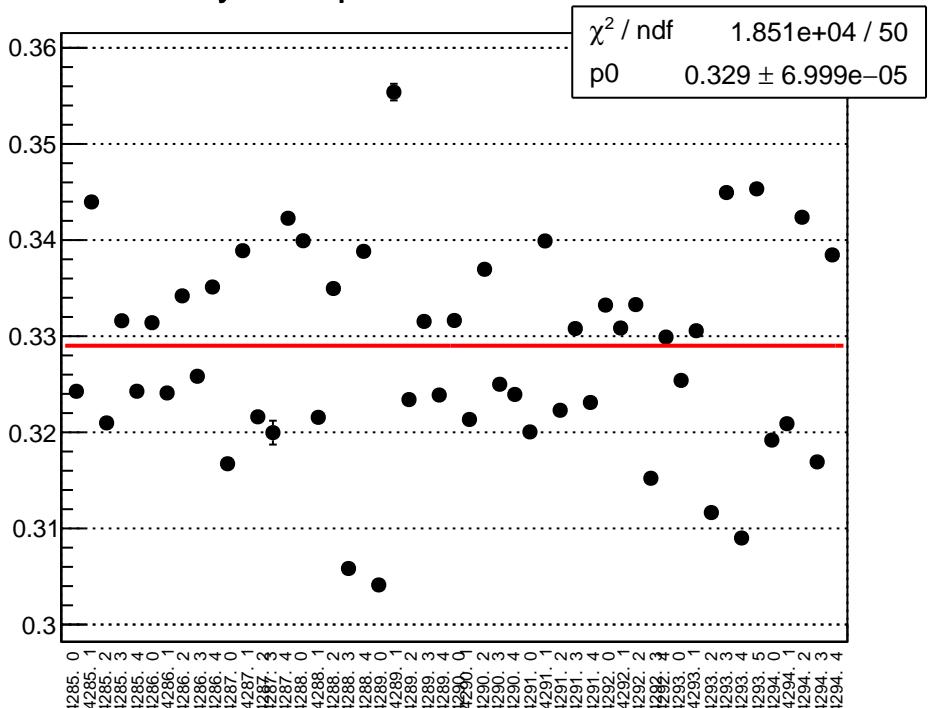
yield_bpm4aY_mean vs run



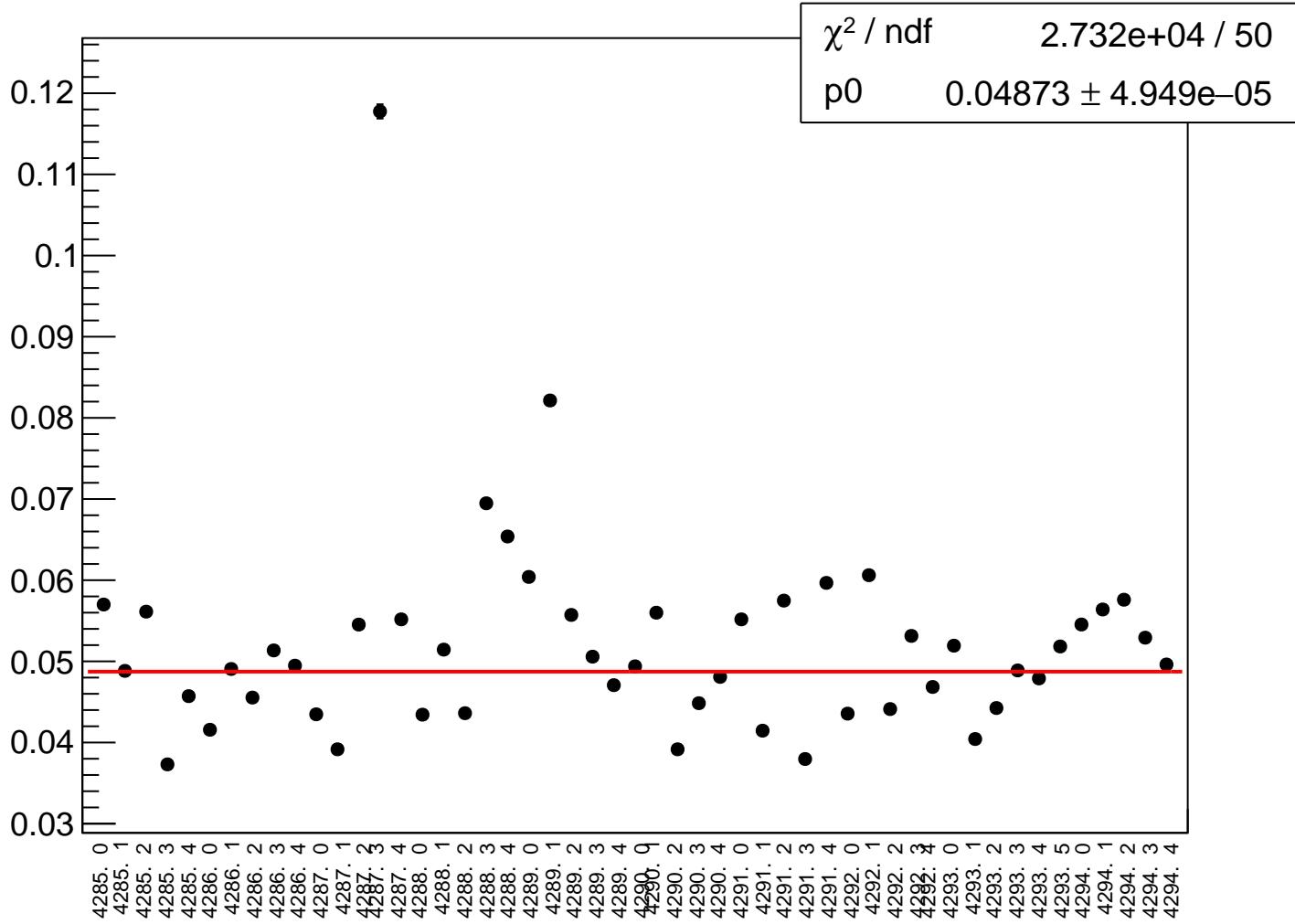
yield_bpm4aY_rms vs run



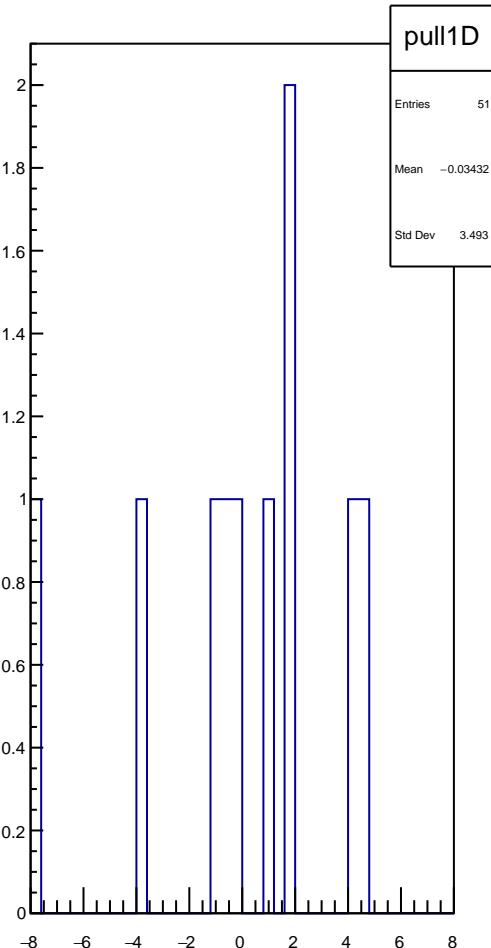
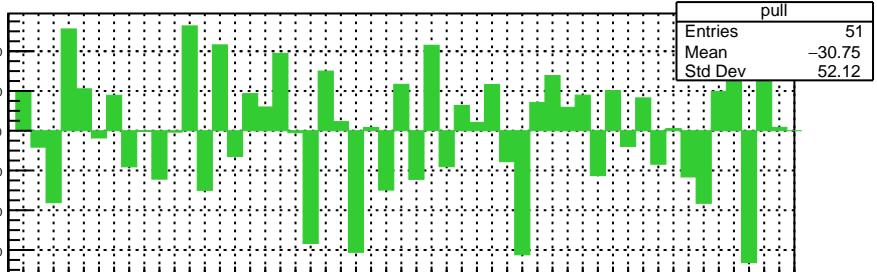
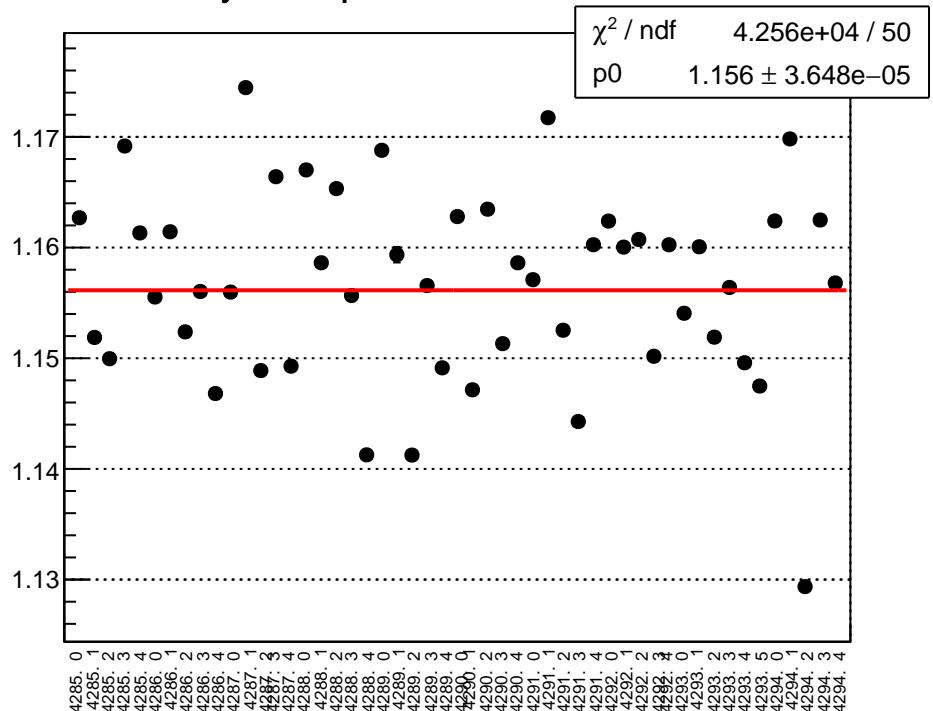
yield_bpm4eX_mean vs run



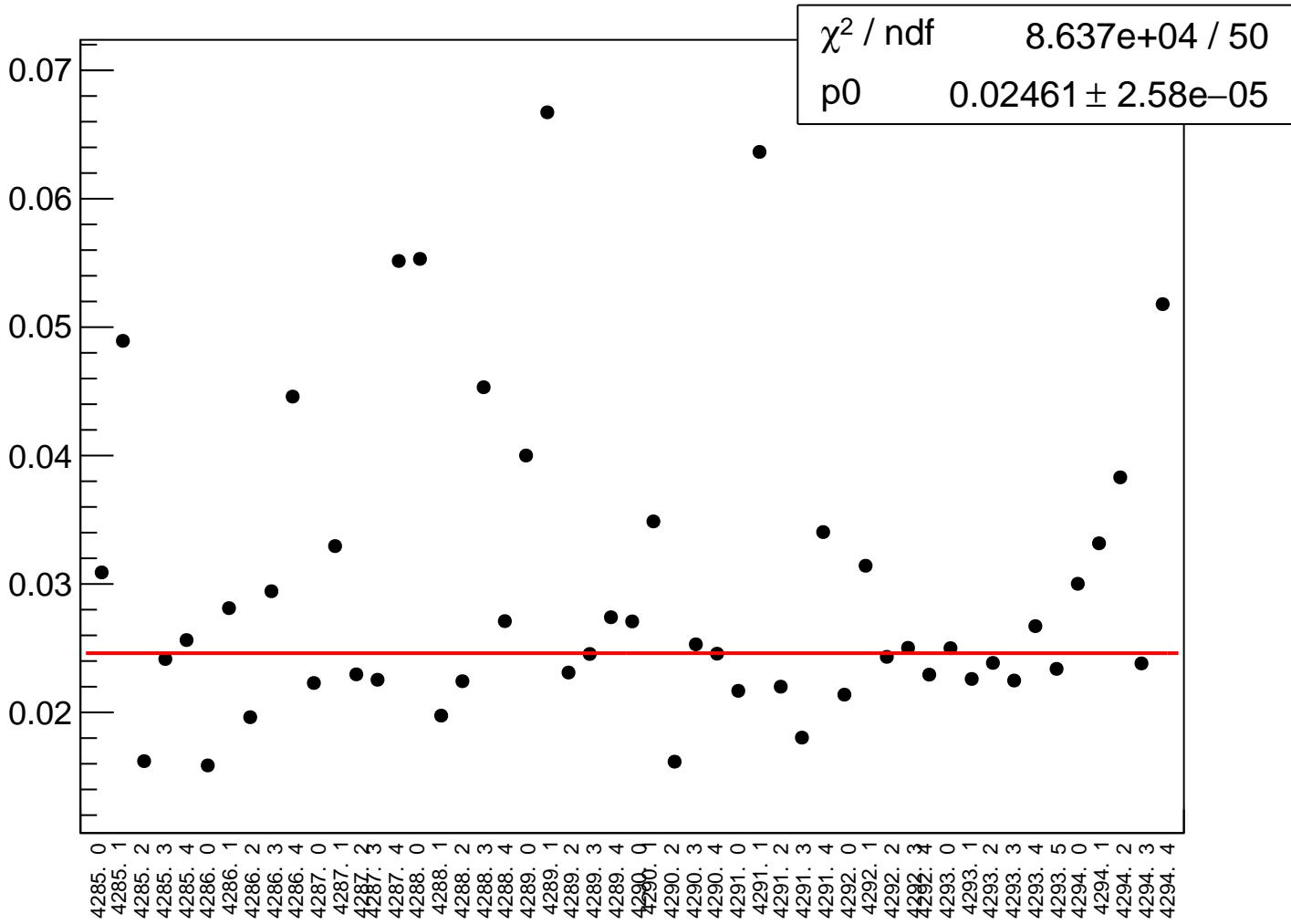
yield_bpm4eX_rms vs run



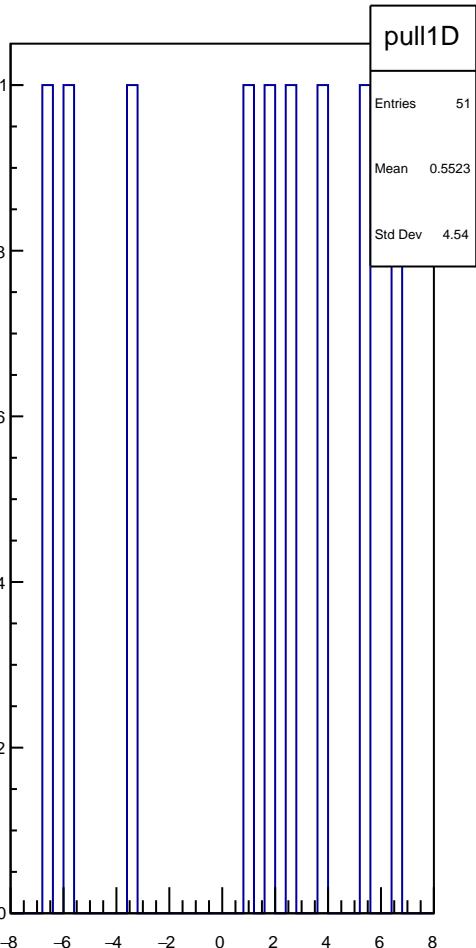
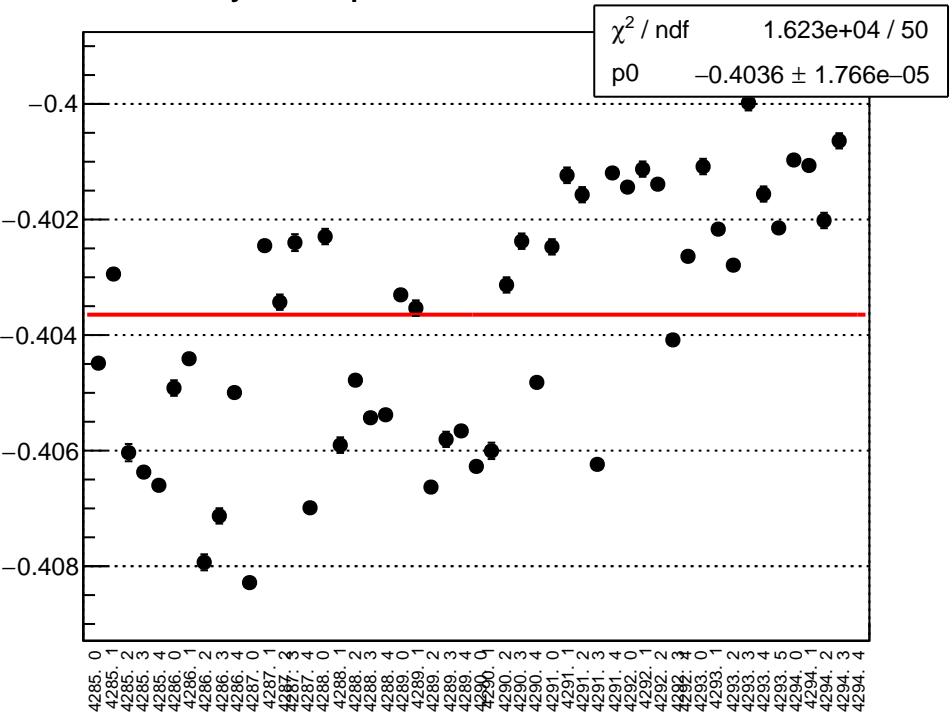
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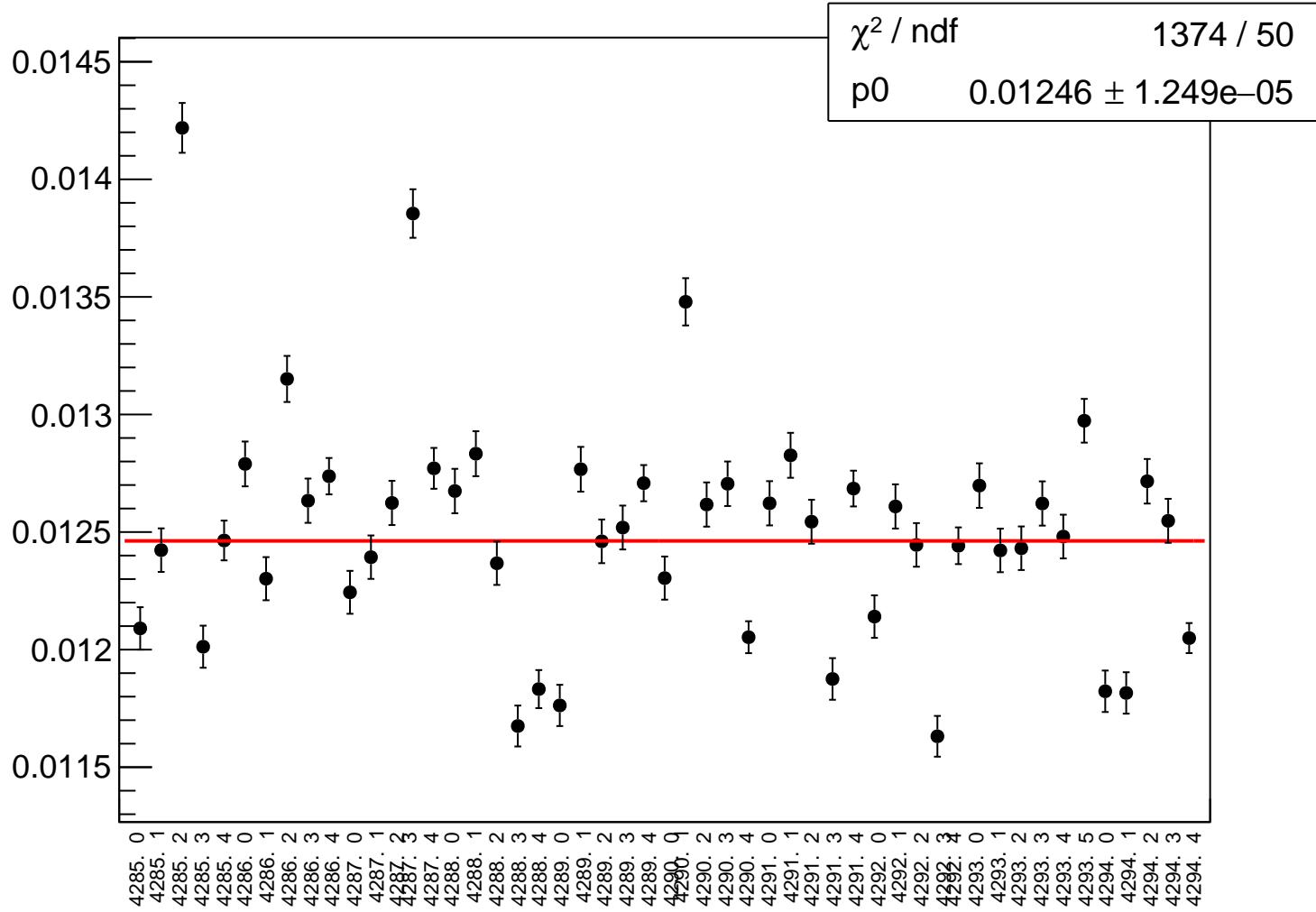
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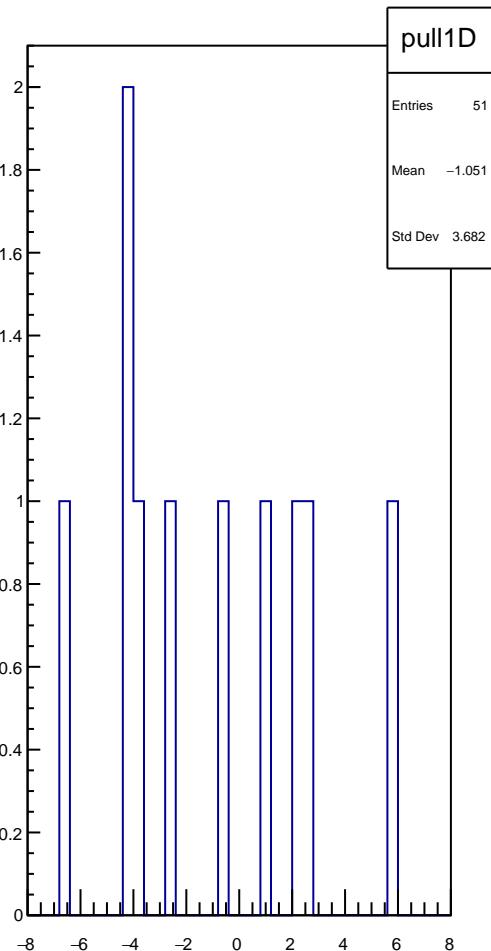
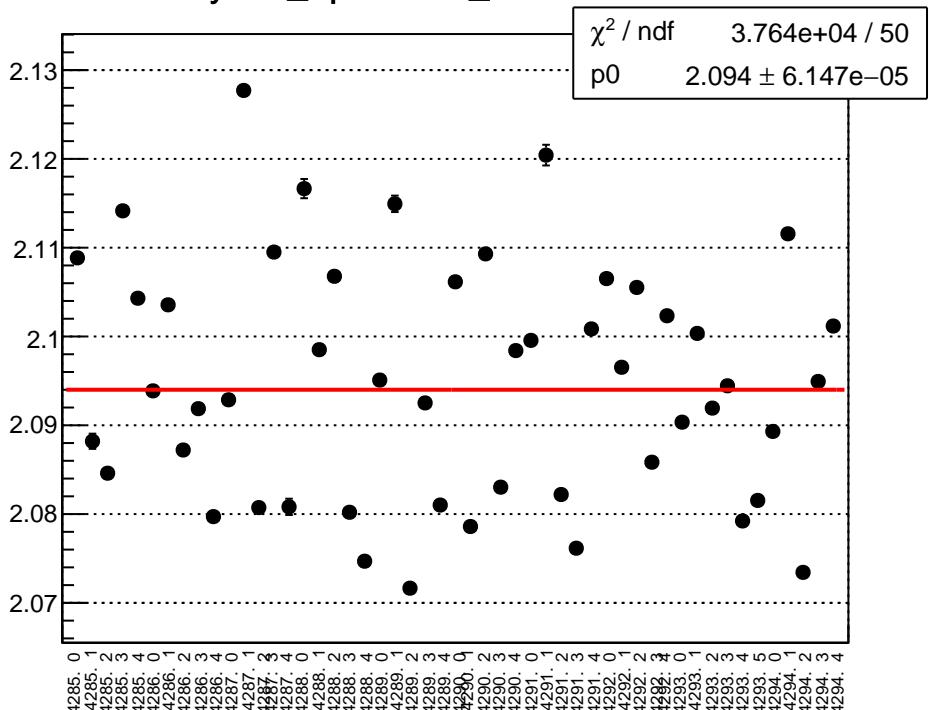
yield_bpm4acX_mean vs run



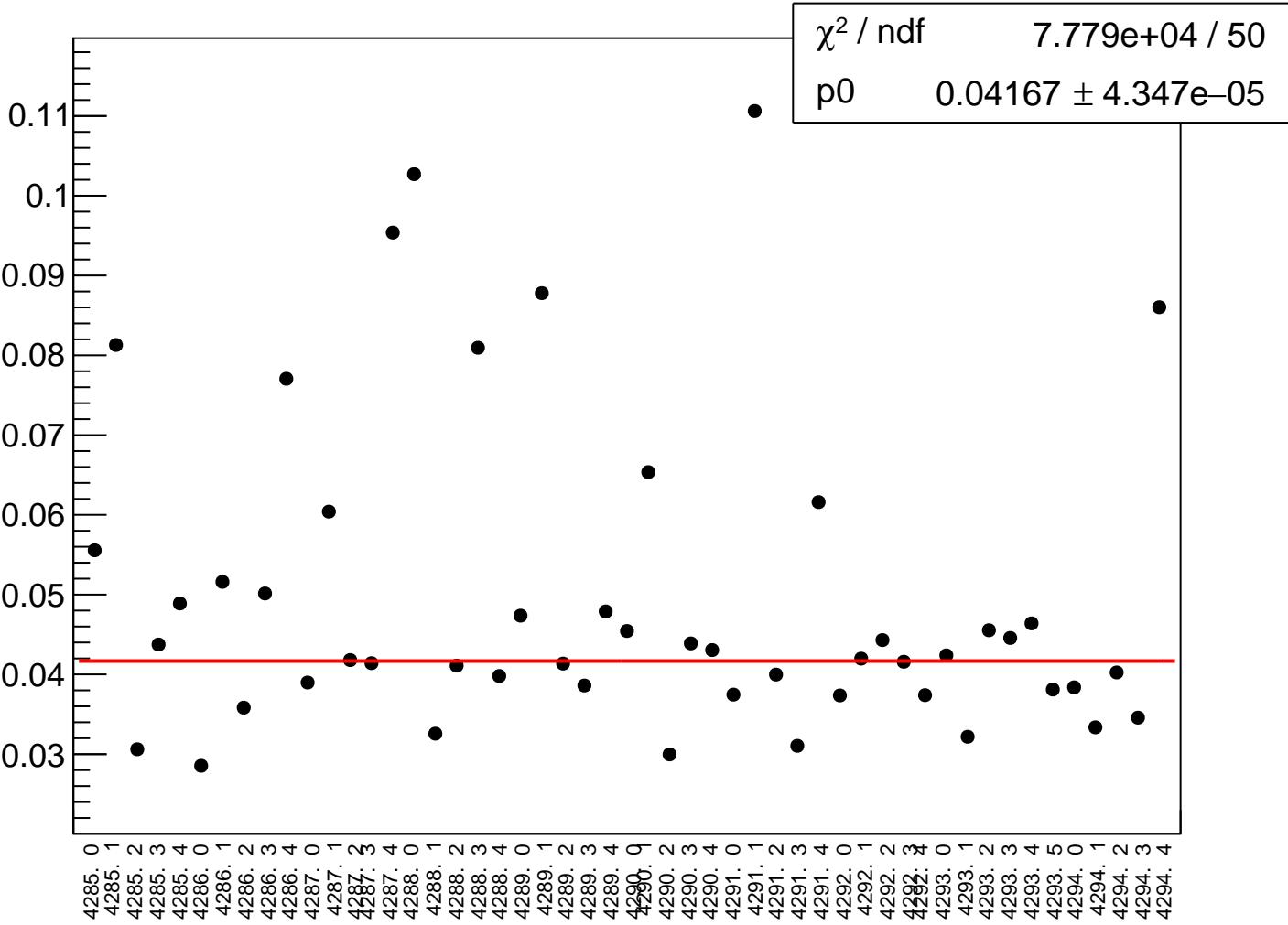
yield_bpm4acX_rms vs run



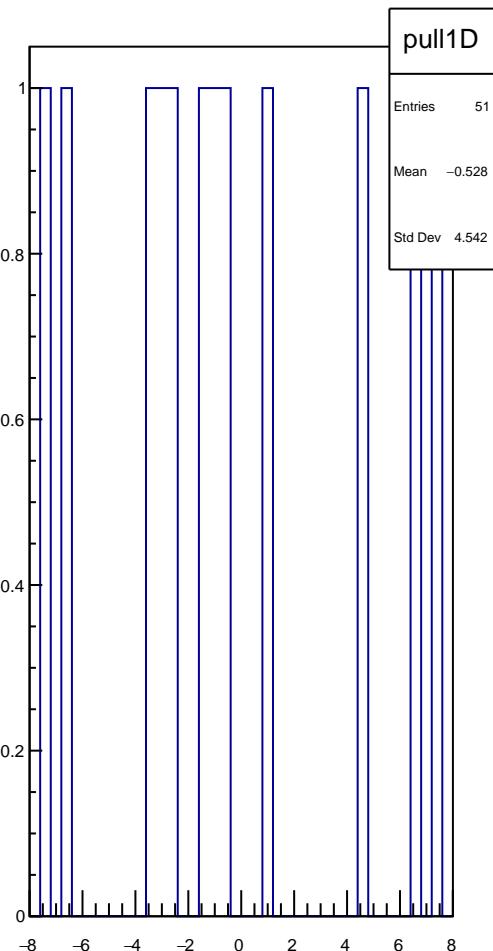
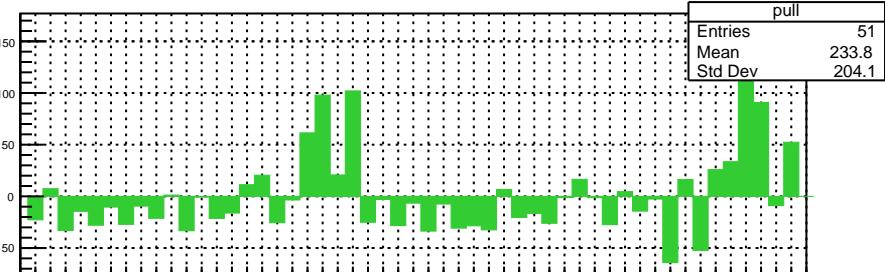
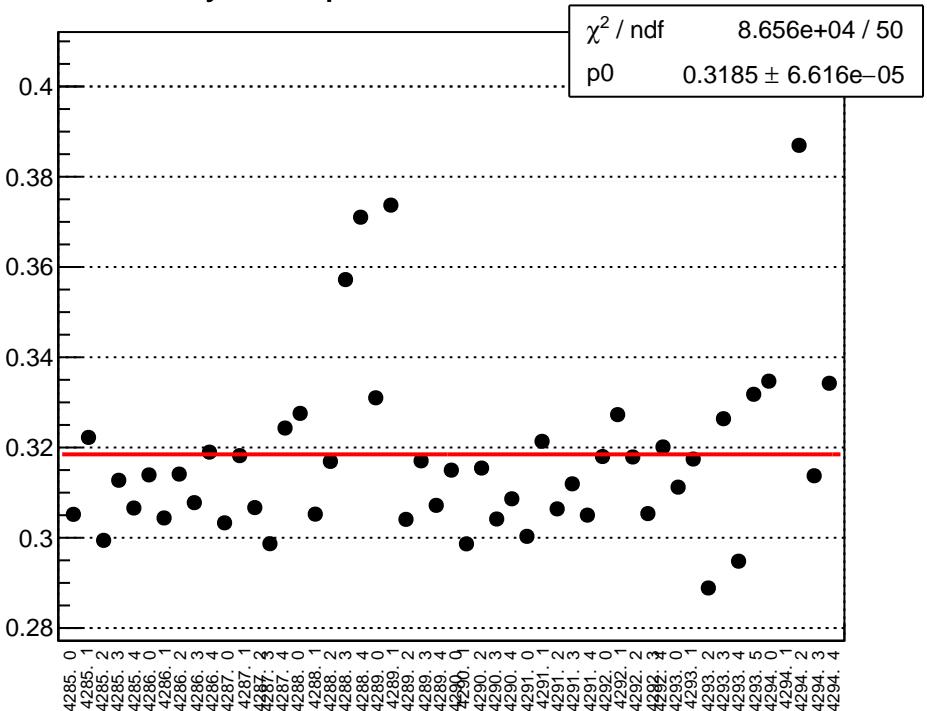
yield_bpm4acY_mean vs run



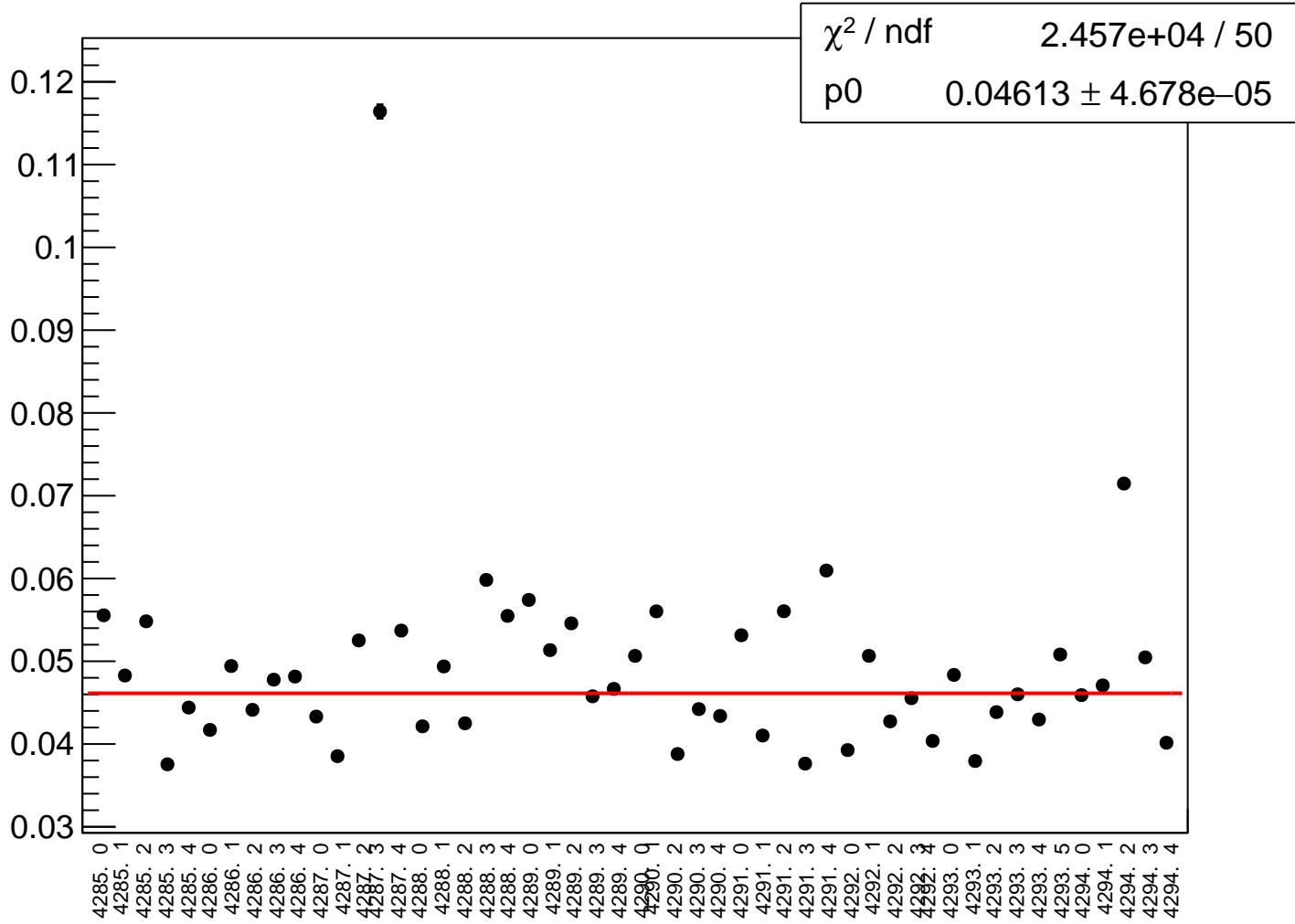
yield_bpm4acY_rms vs run



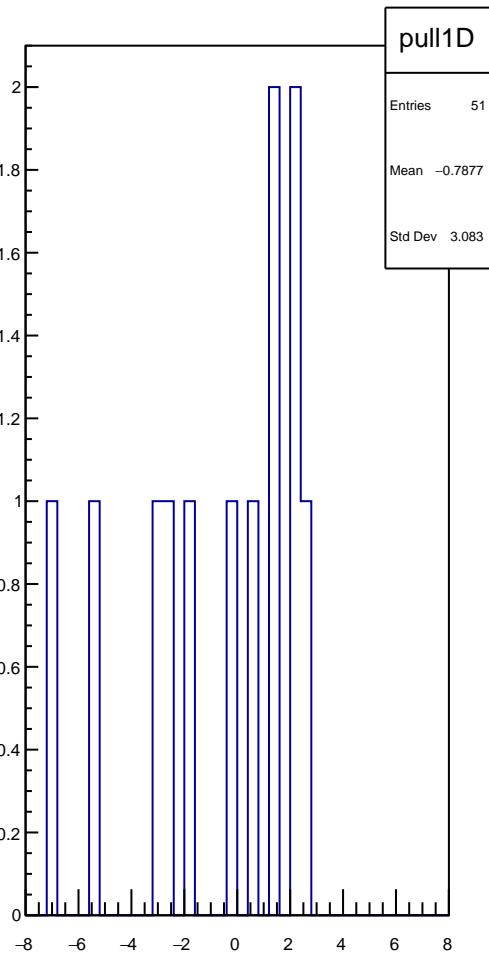
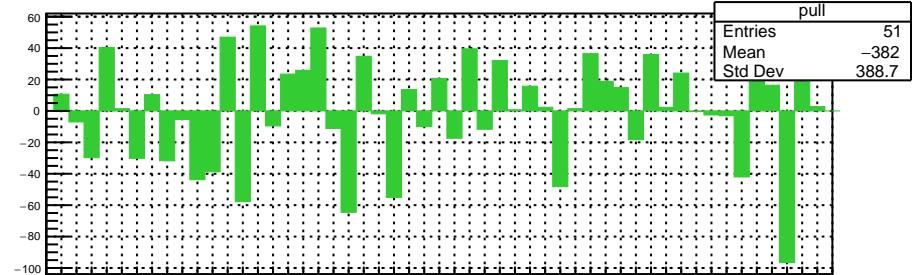
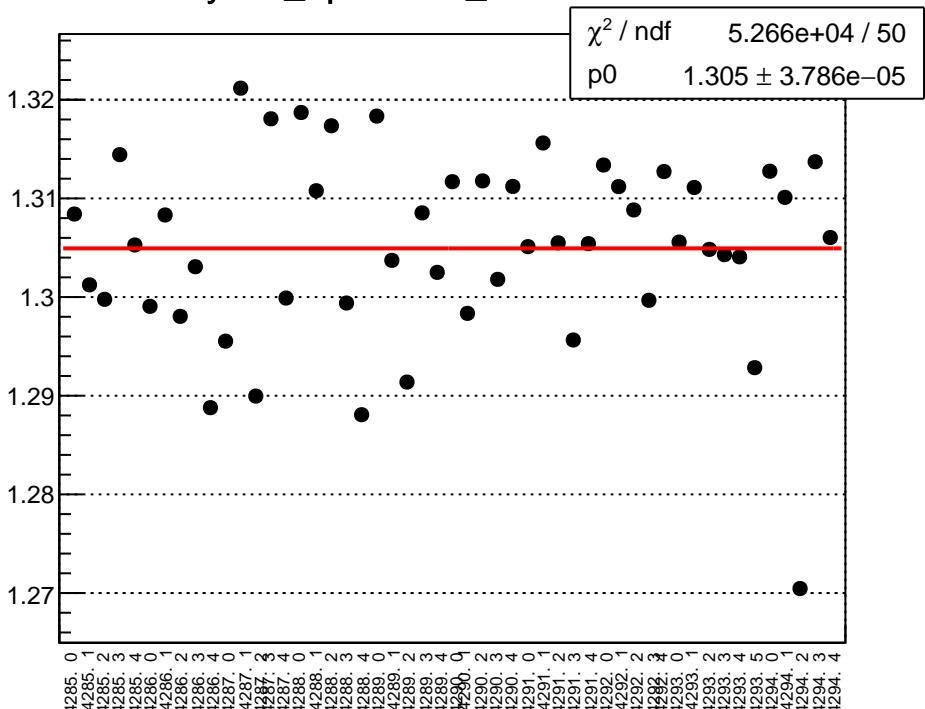
yield_bpm4ecX_mean vs run



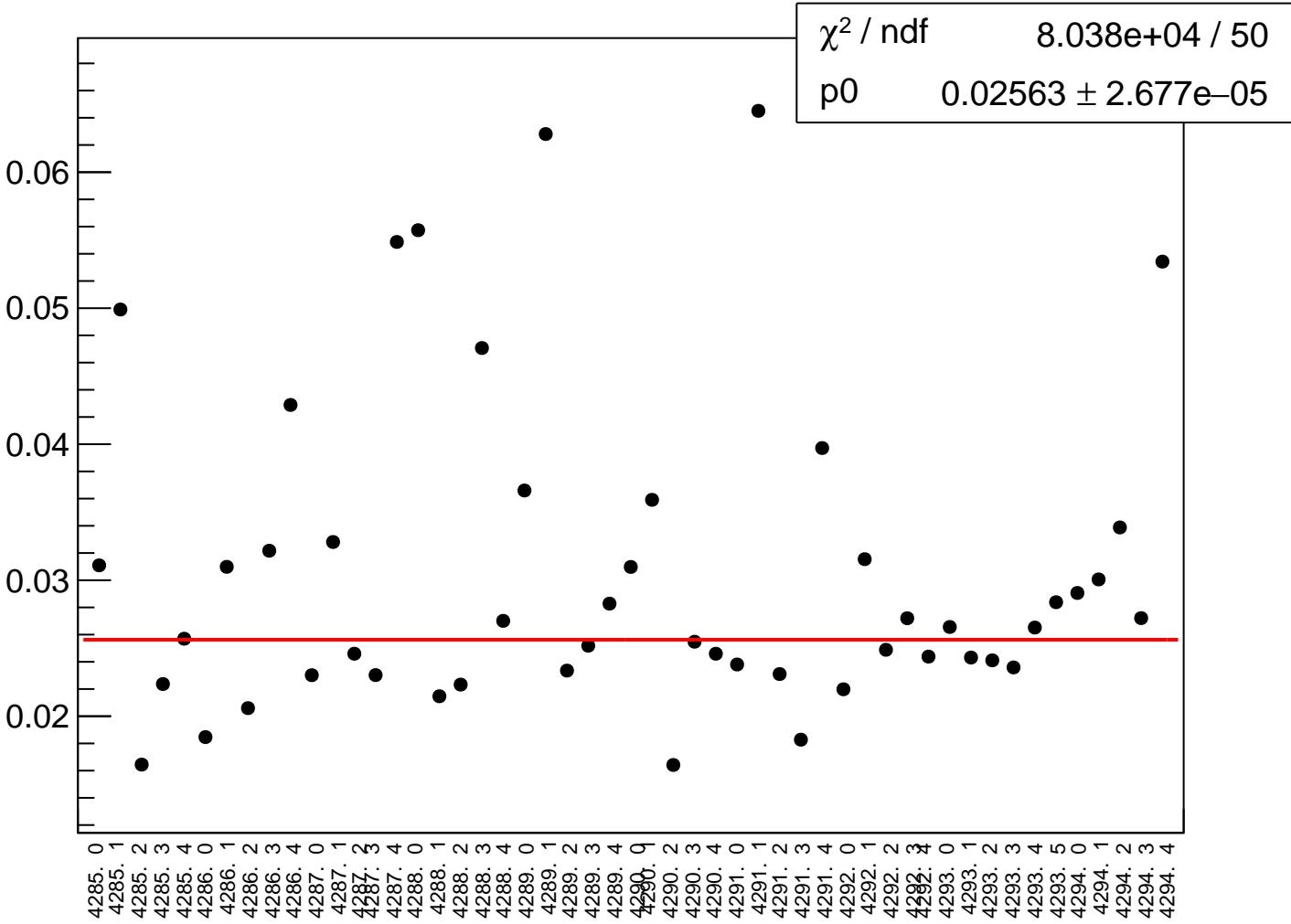
yield_bpm4ecX_rms vs run



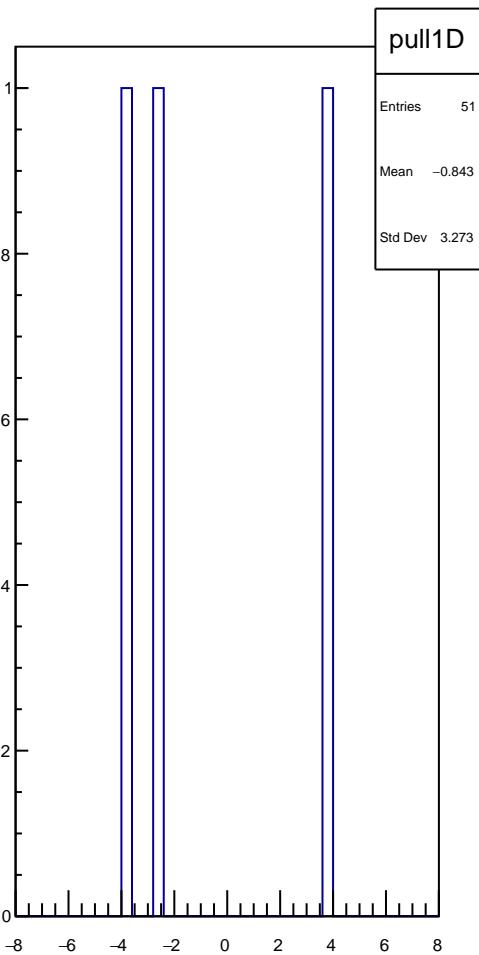
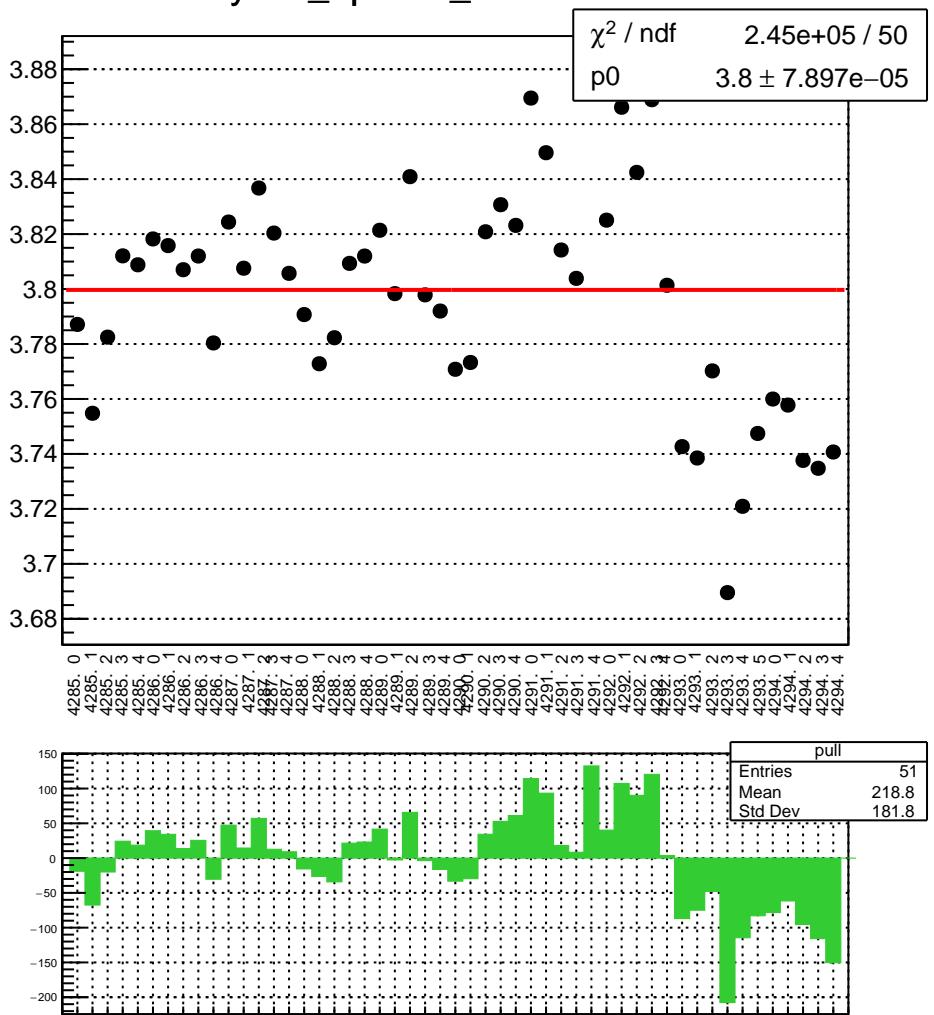
yield_bpm4ecY_mean vs run



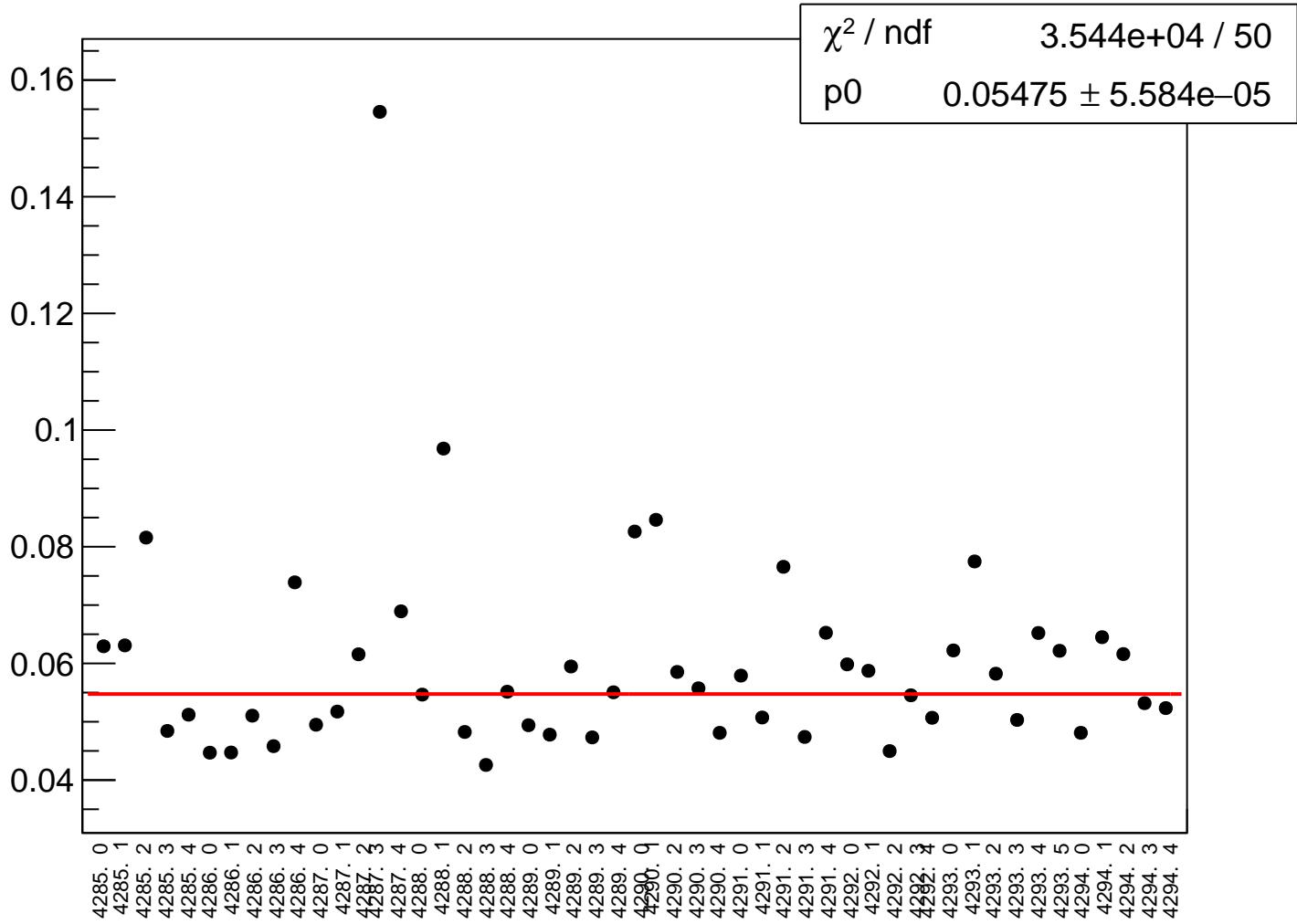
yield_bpm4ecY_rms vs run



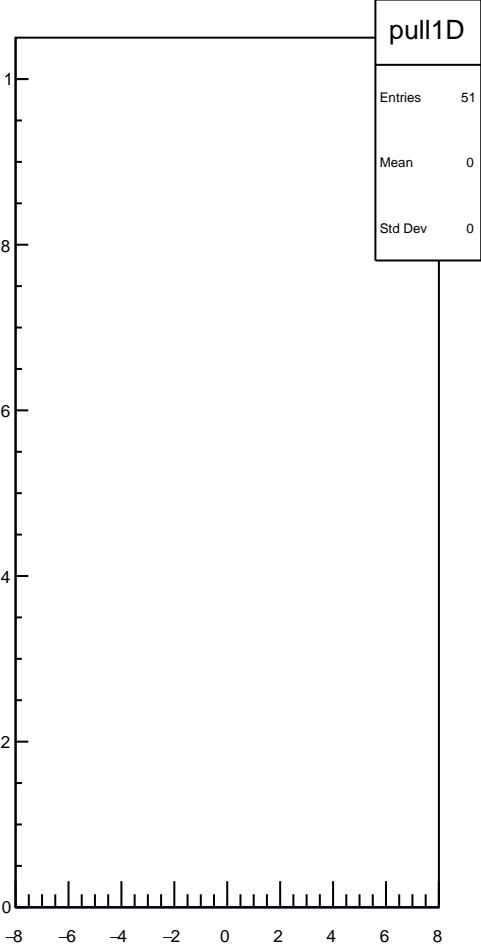
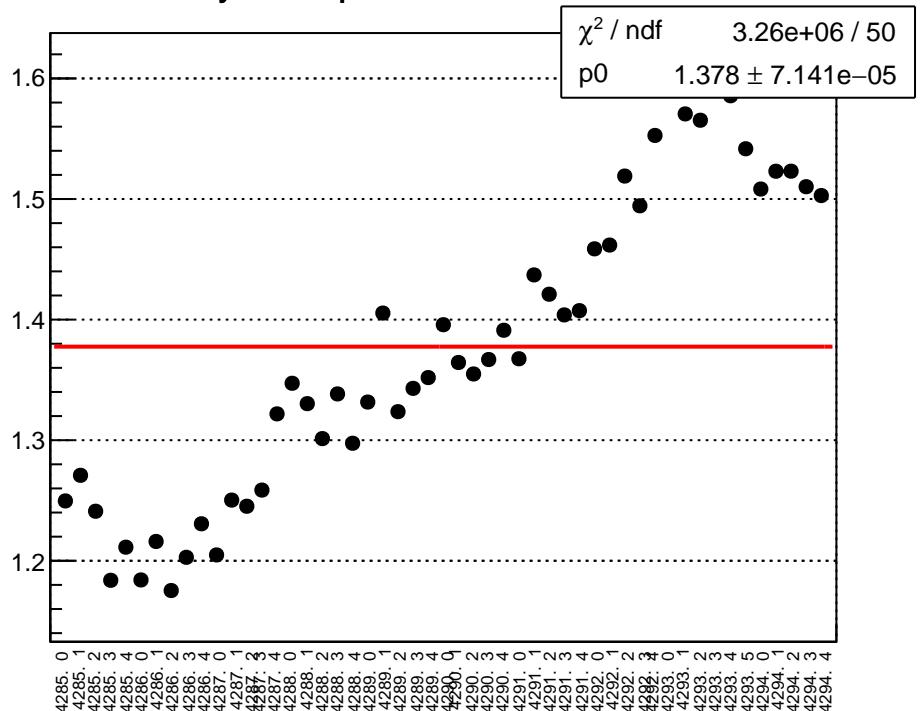
yield_bpm1X_mean vs run



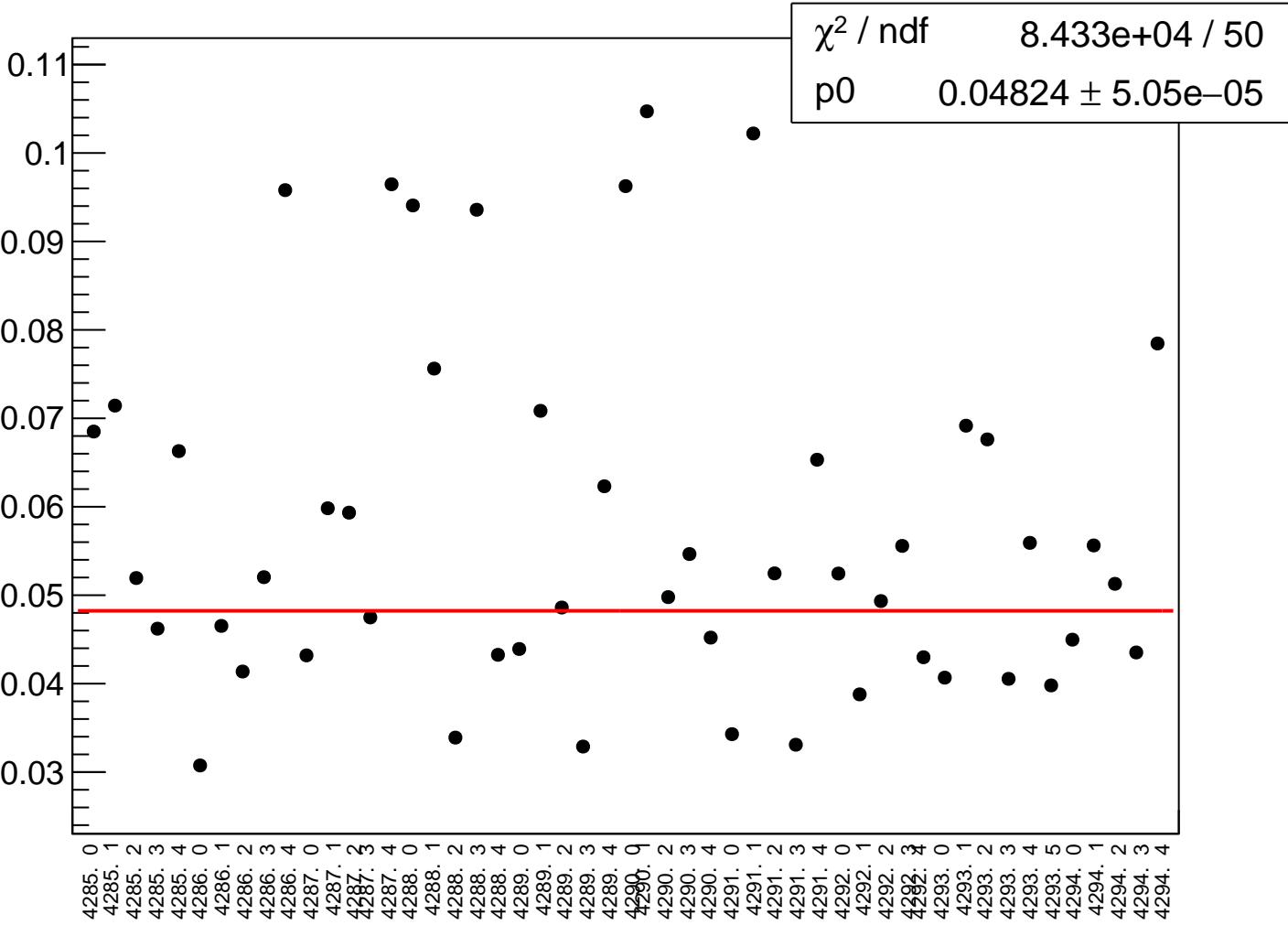
yield_bpm1X_rms vs run



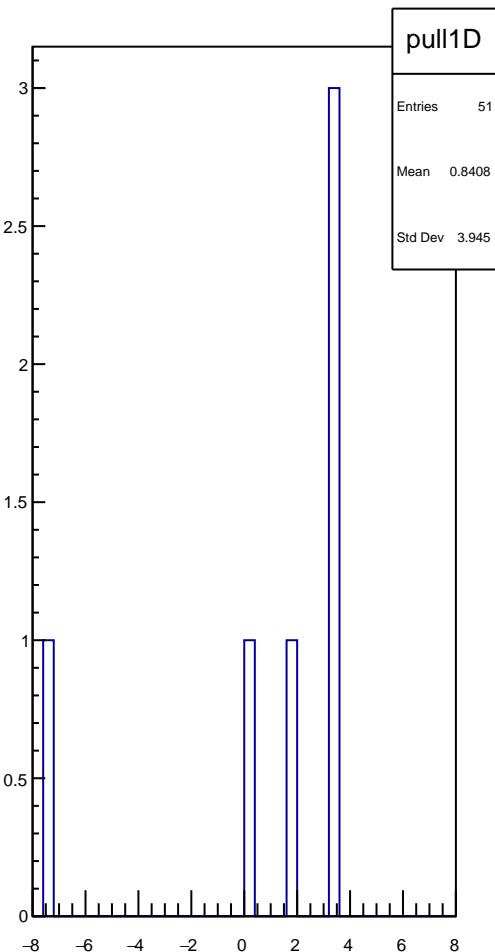
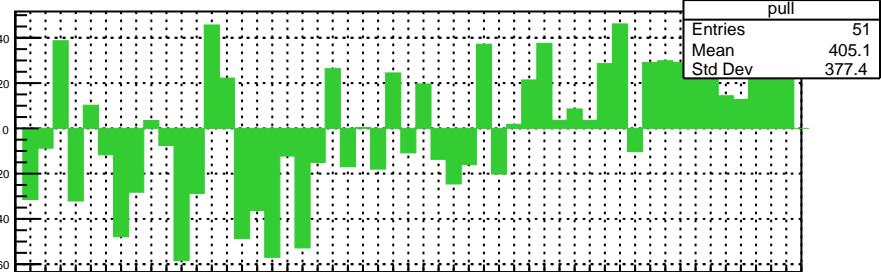
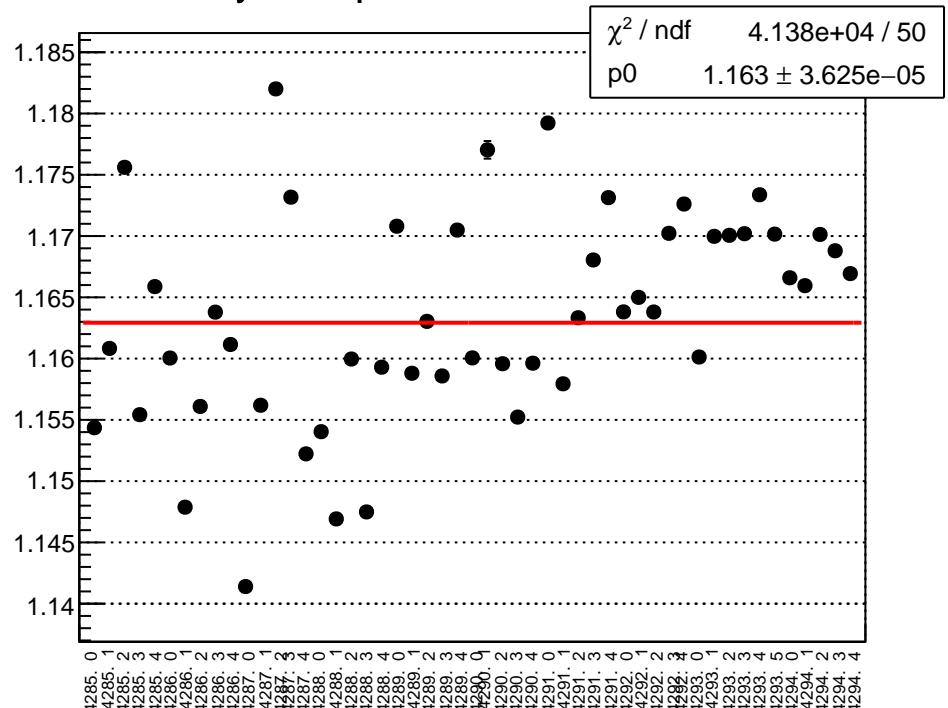
yield_bpm1Y_mean vs run



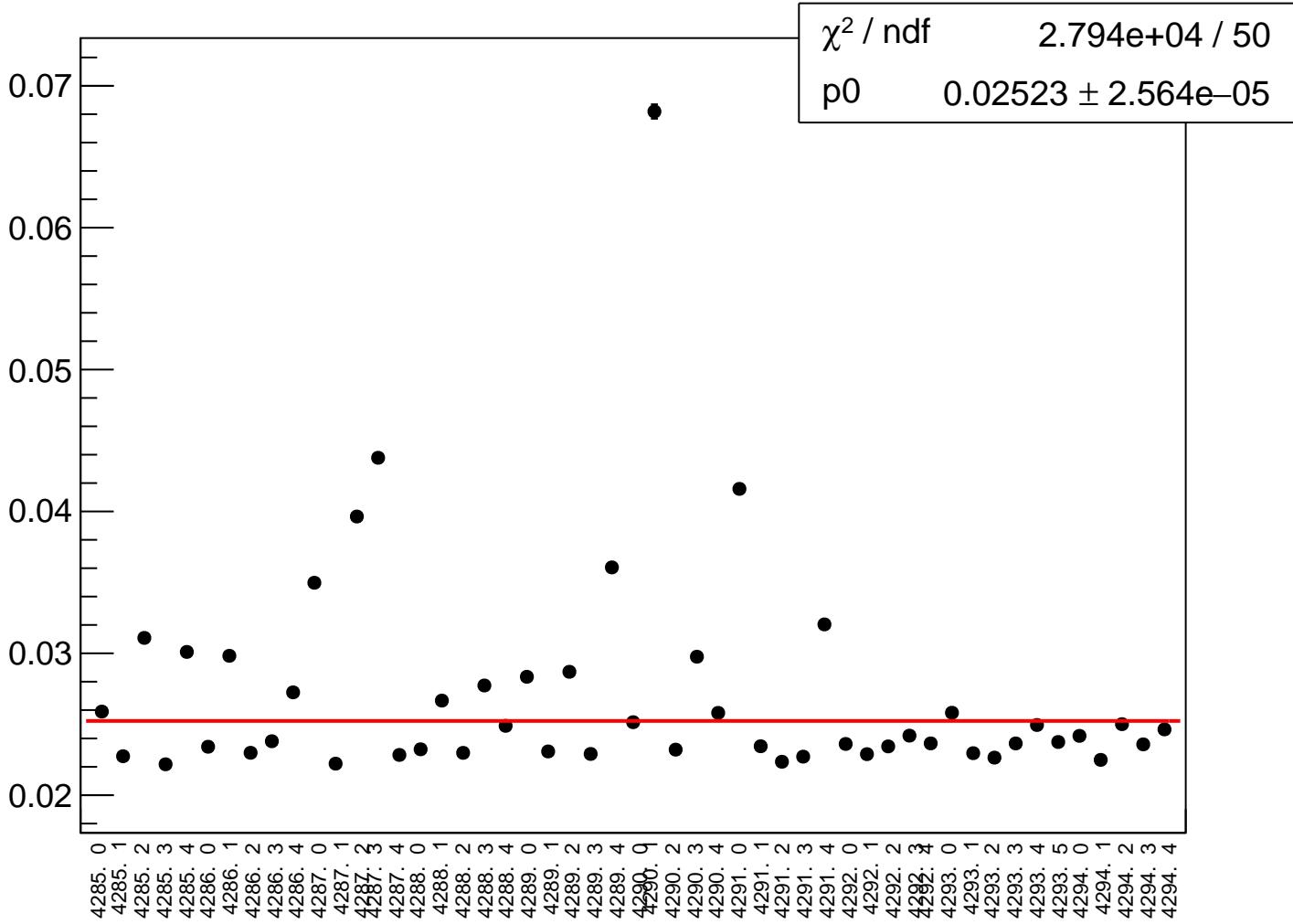
yield_bpm1Y_rms vs run



yield_bpm11X_mean vs run

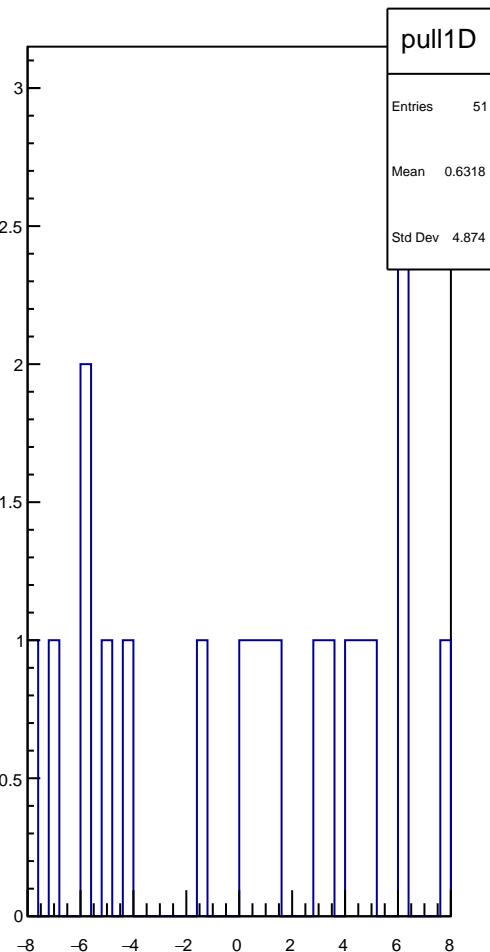
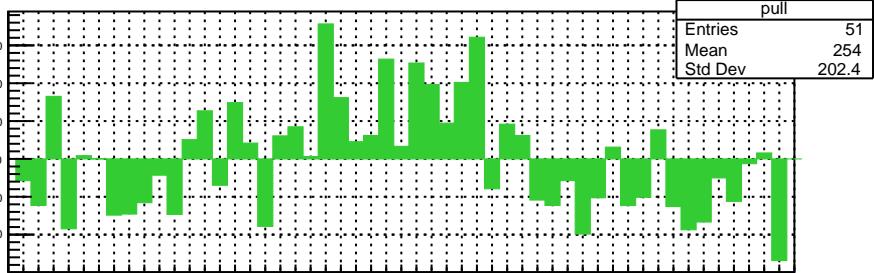
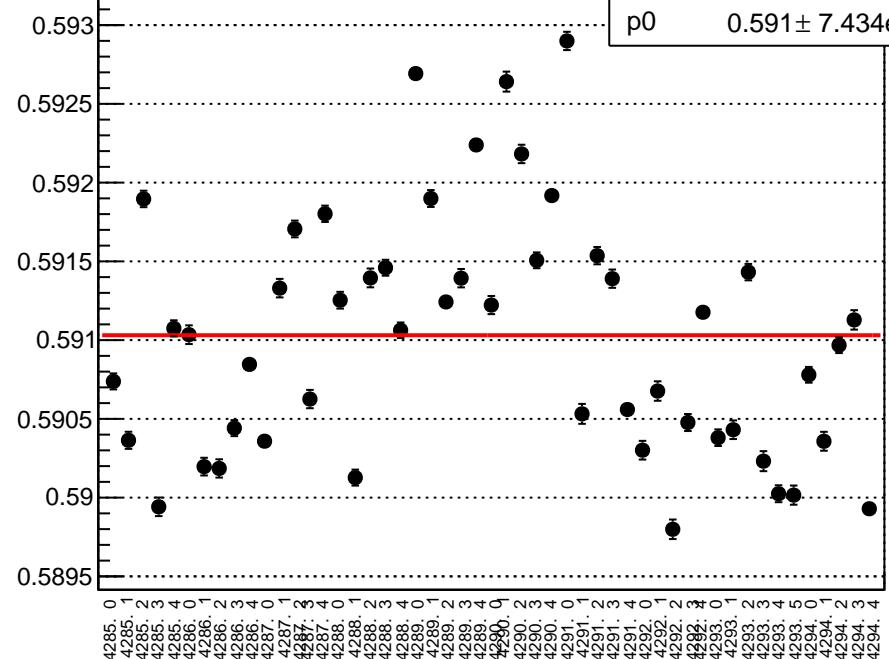


yield_bpm11X_rms vs run

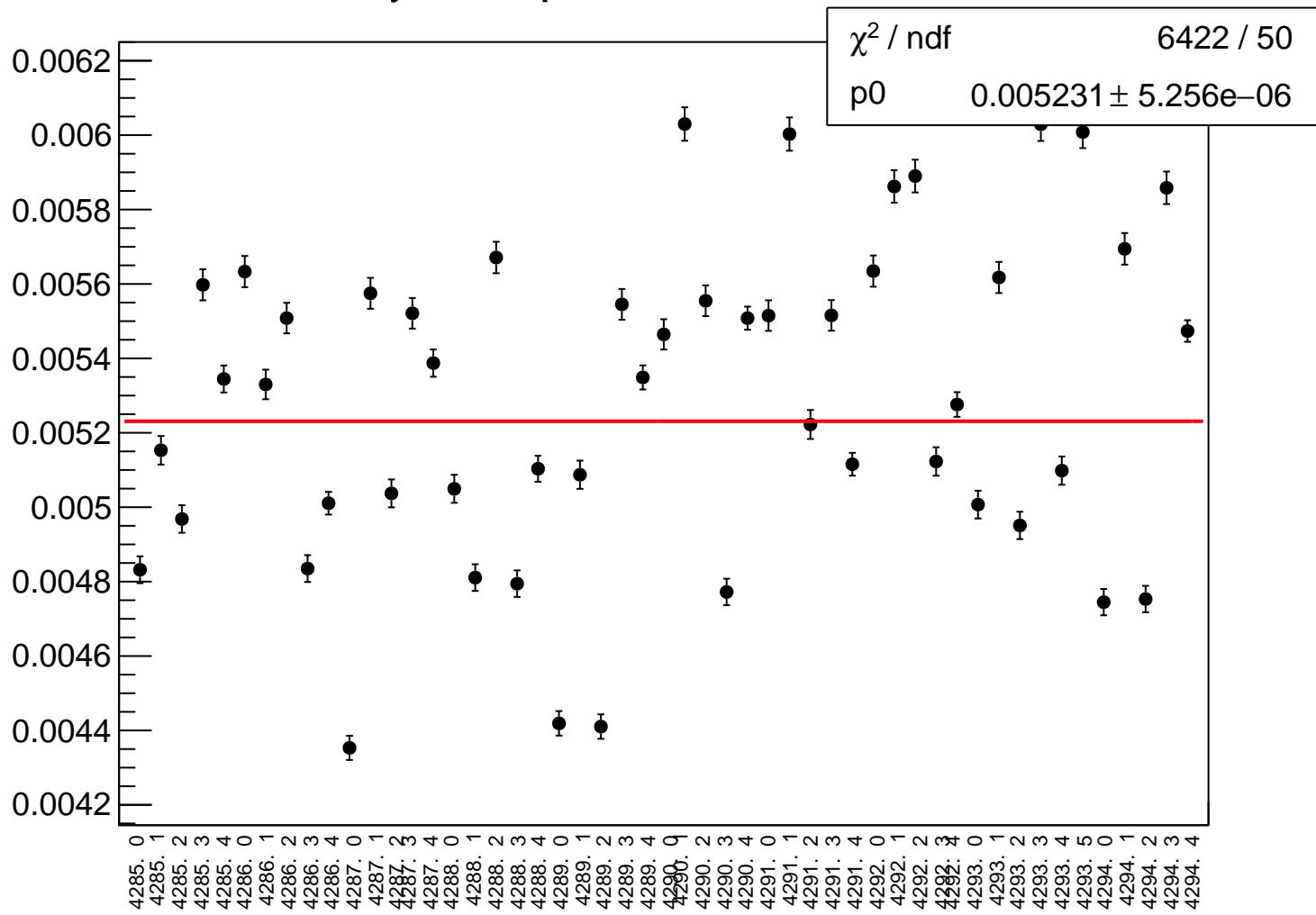


yield_bpm11Y_mean vs run

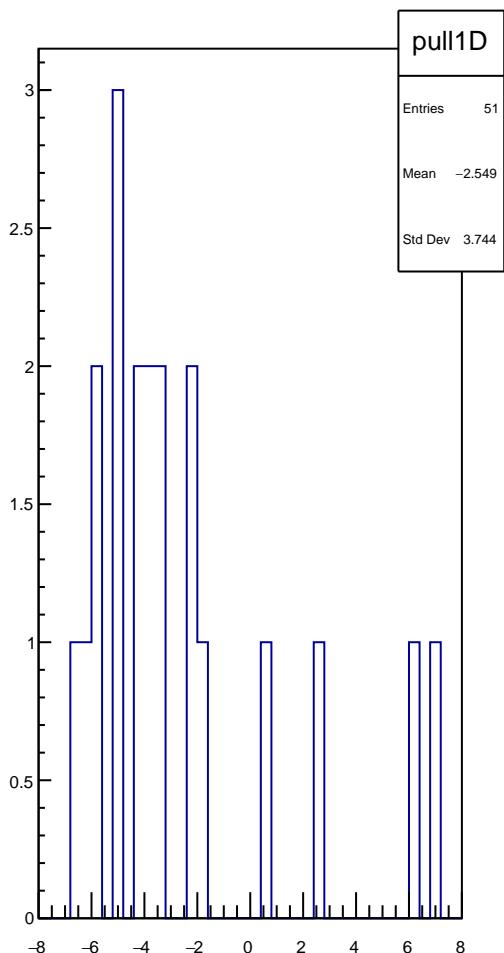
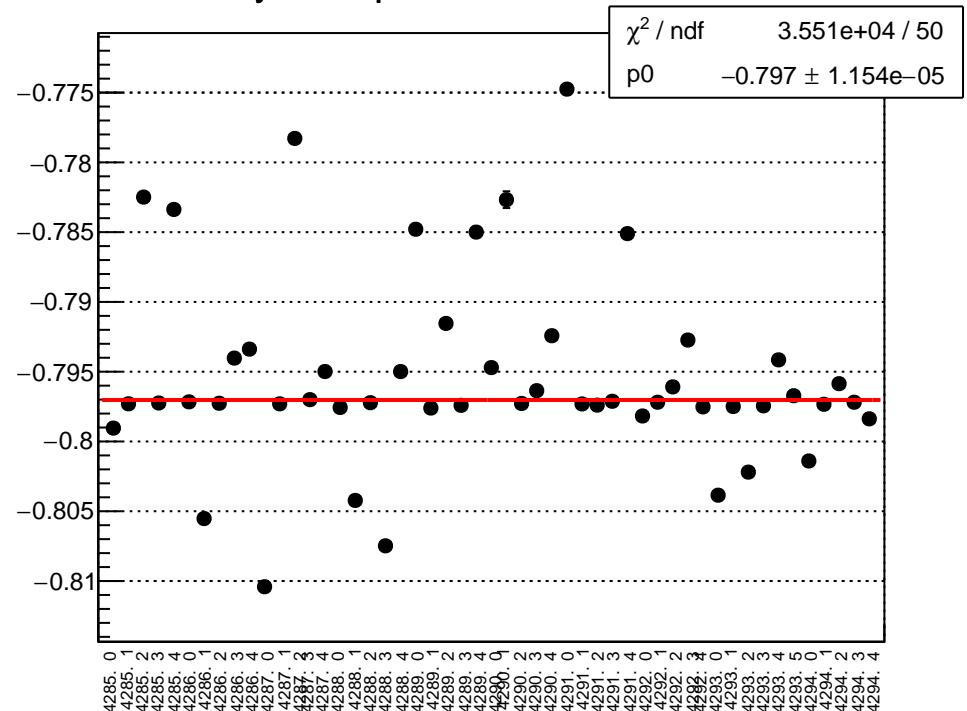
χ^2 / ndf 1.033e+04 / 50
p0 $0.591 \pm 7.434 \times 10^{-6}$



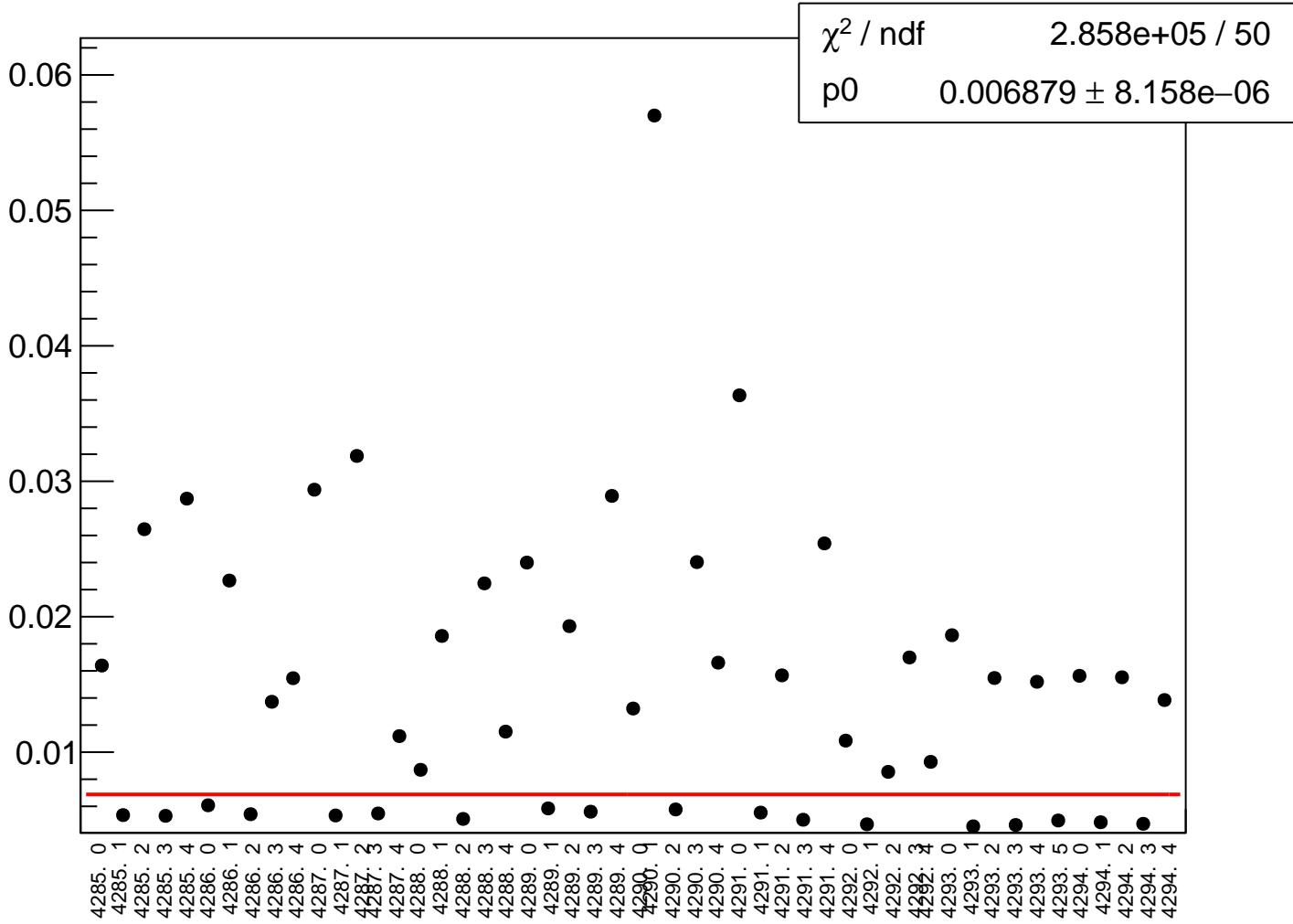
yield_bpm11Y_rms vs run



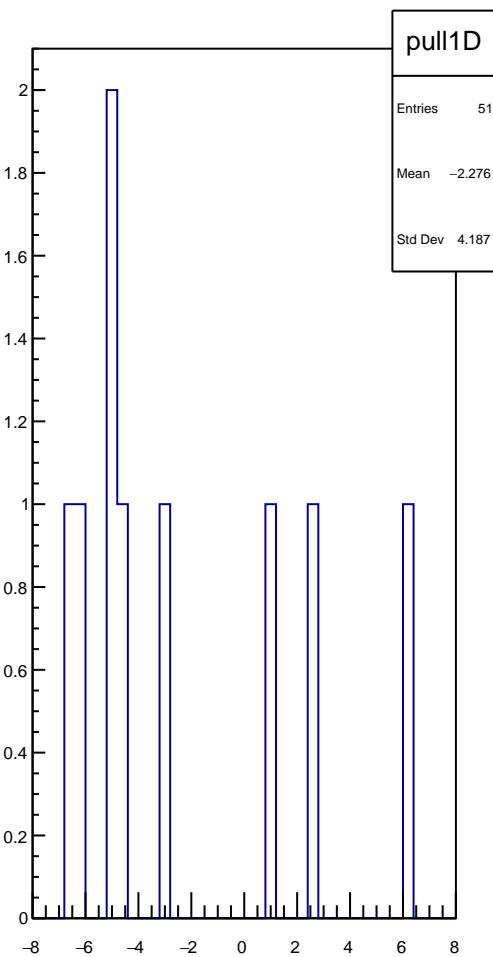
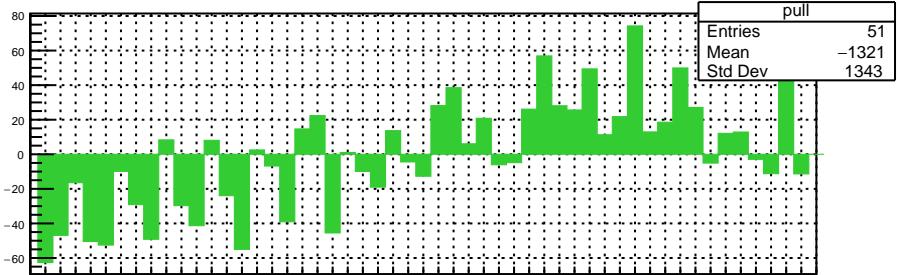
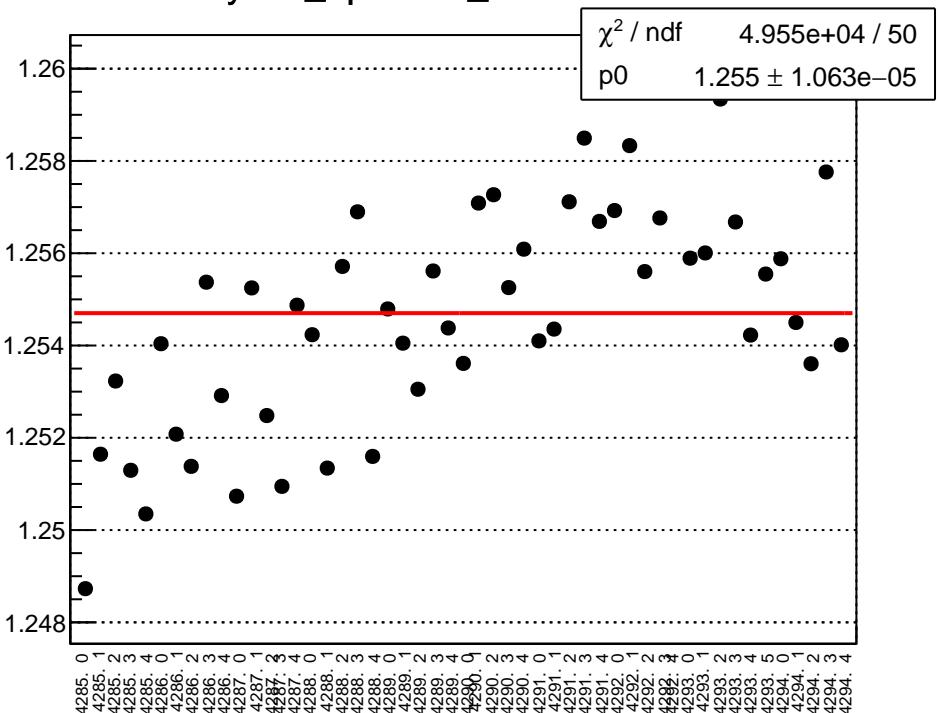
yield_bpm12X_mean vs run



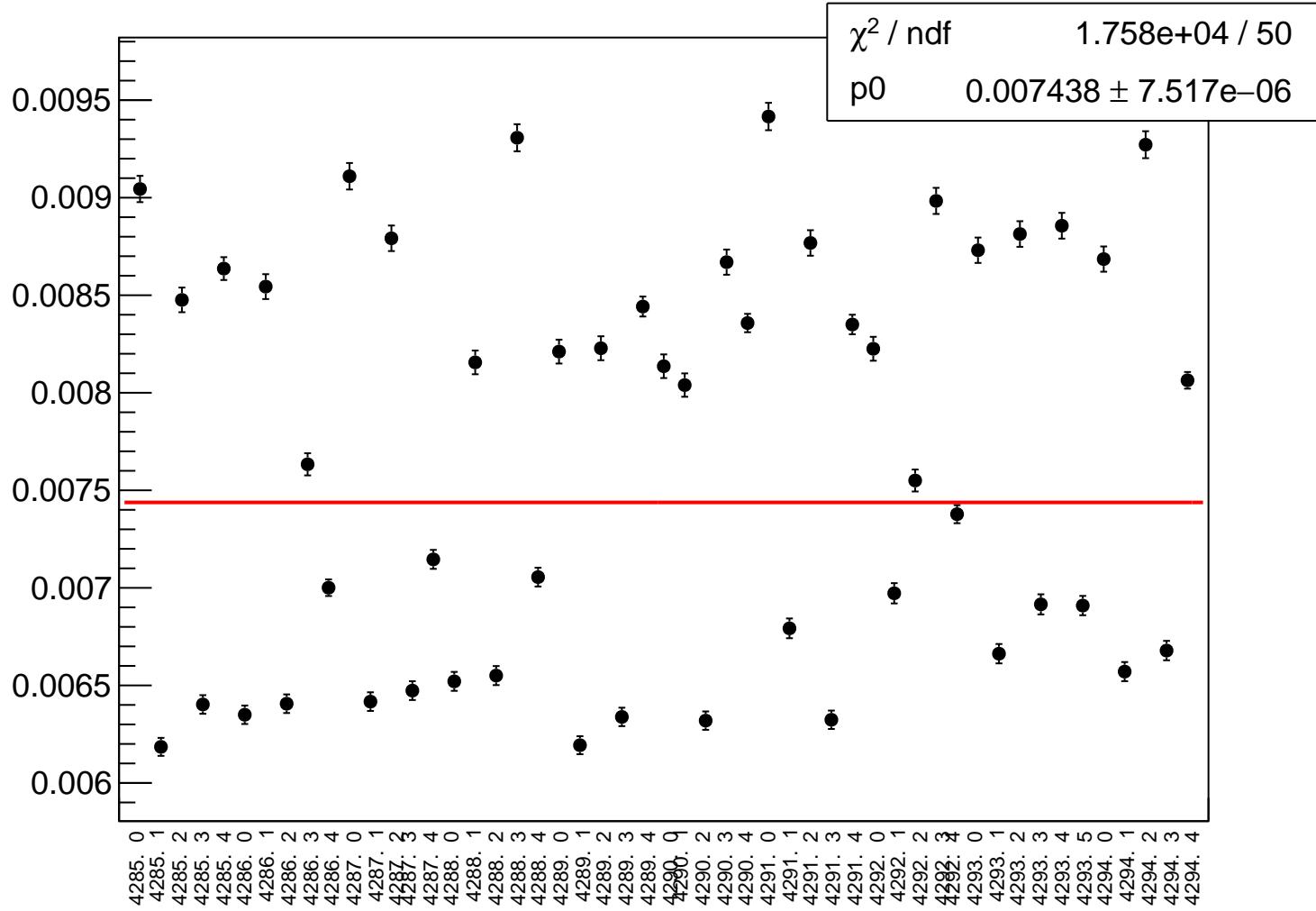
yield_bpm12X_rms vs run



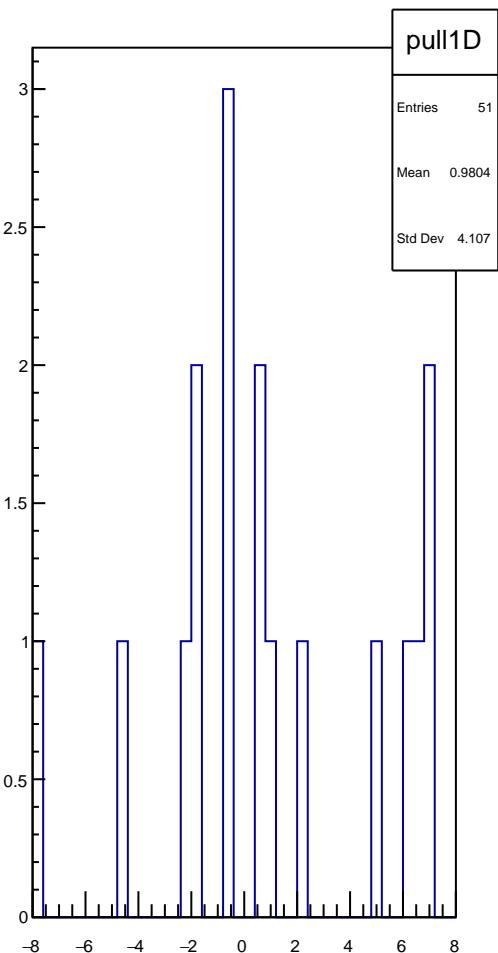
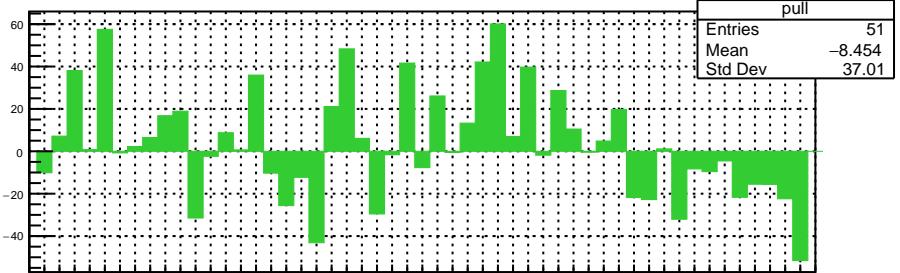
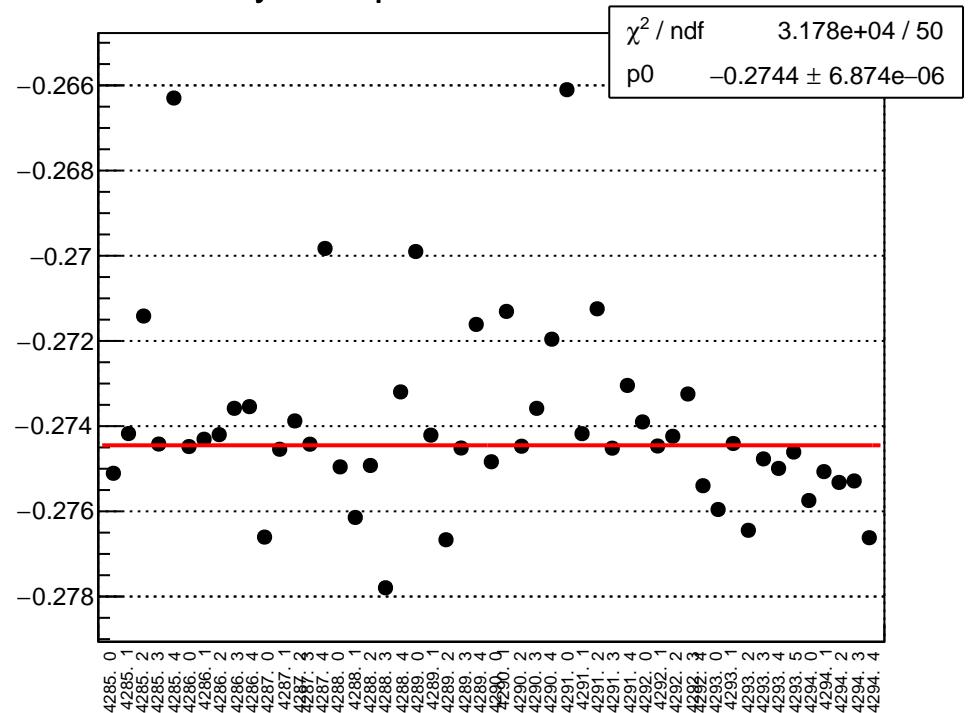
yield_bpm12Y_mean vs run



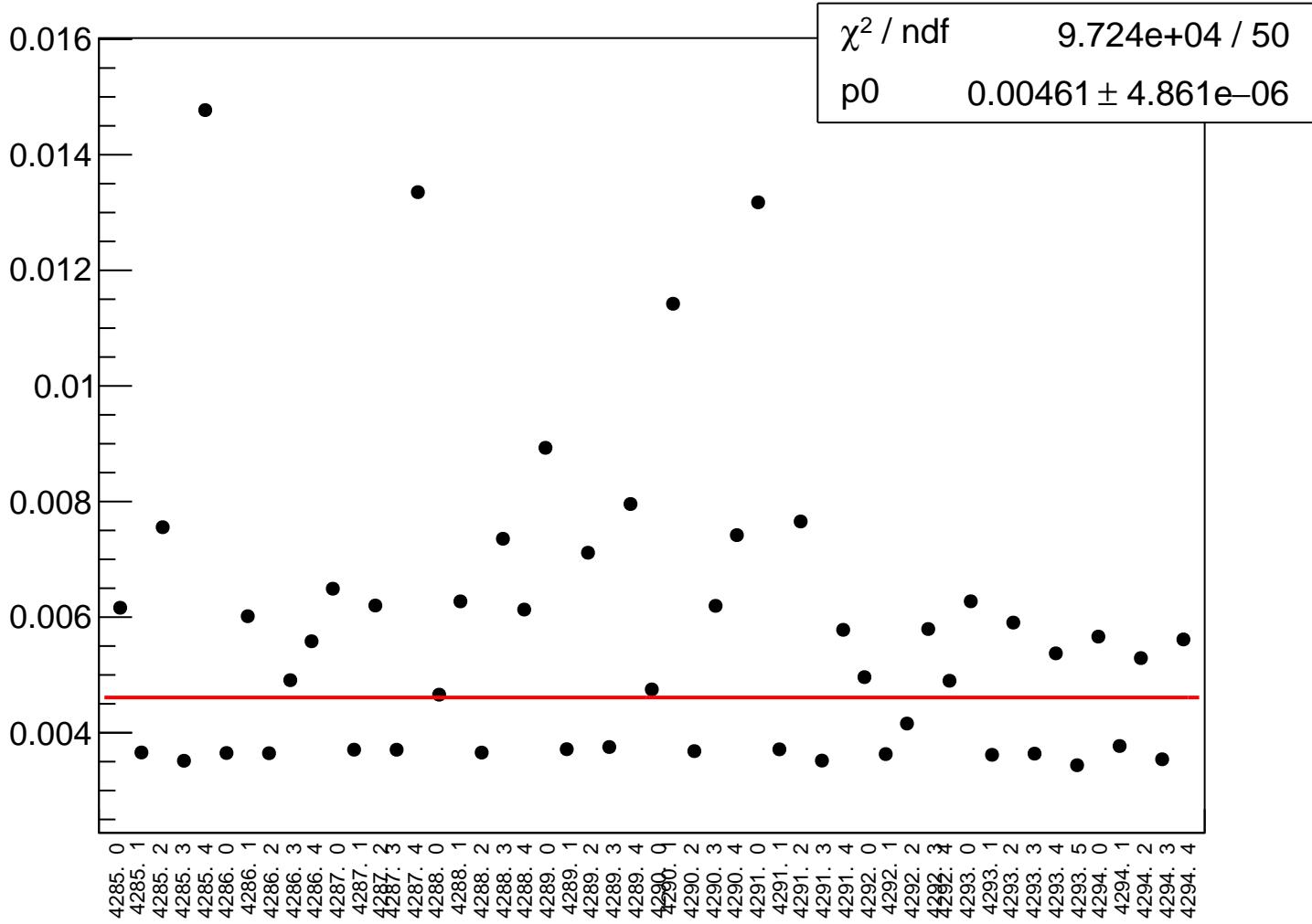
yield_bpm12Y_rms vs run



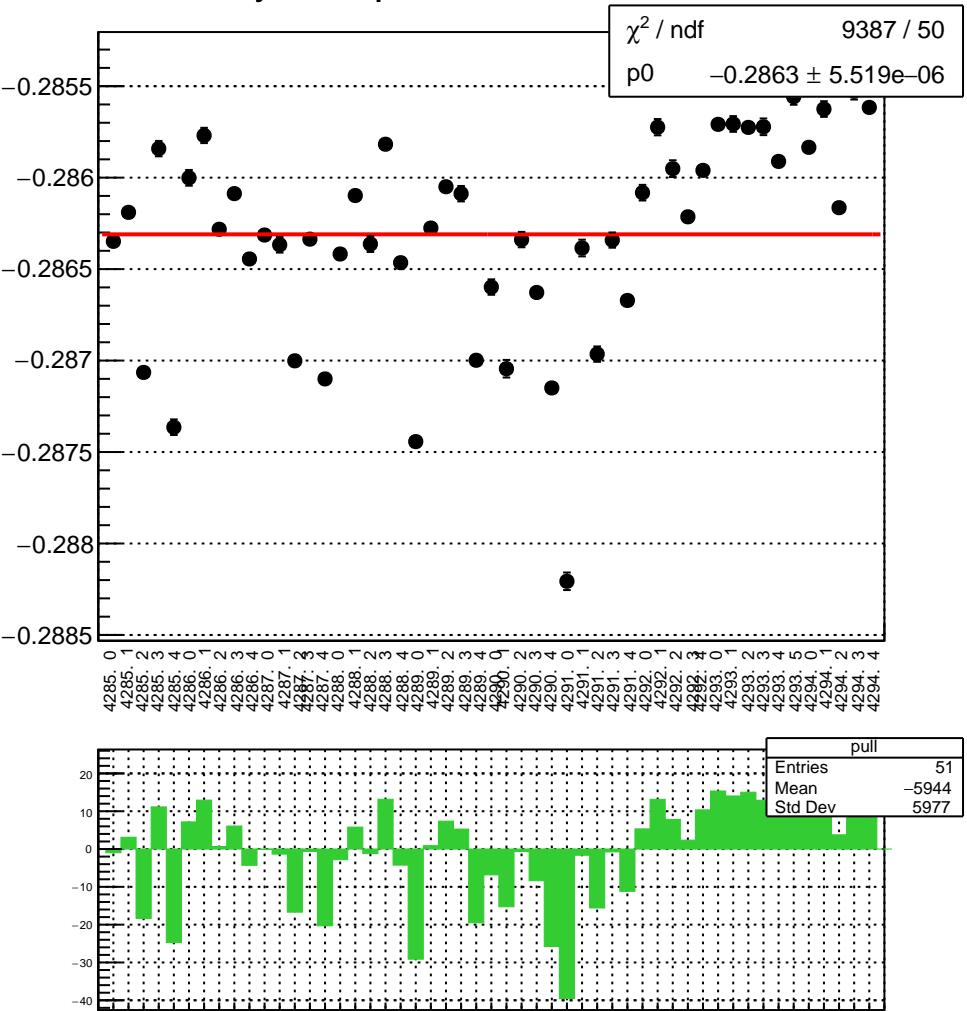
yield_bpm16X_mean vs run



yield_bpm16X_rms vs run

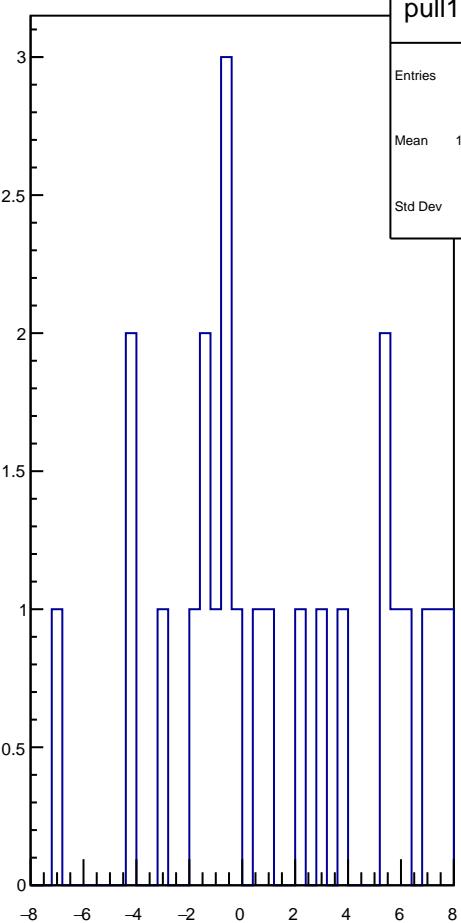


yield_bpm16Y_mean vs run

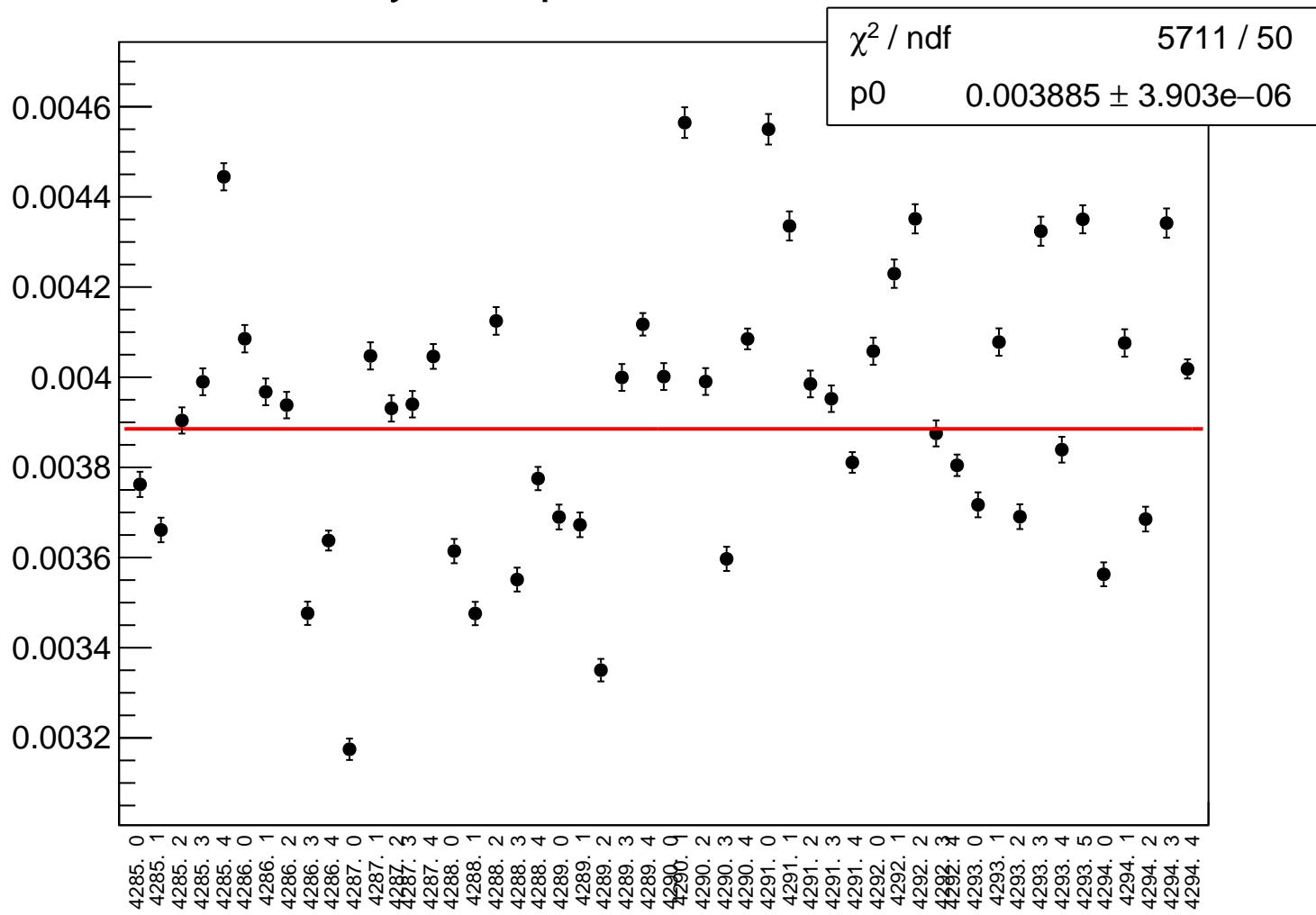


pull1D

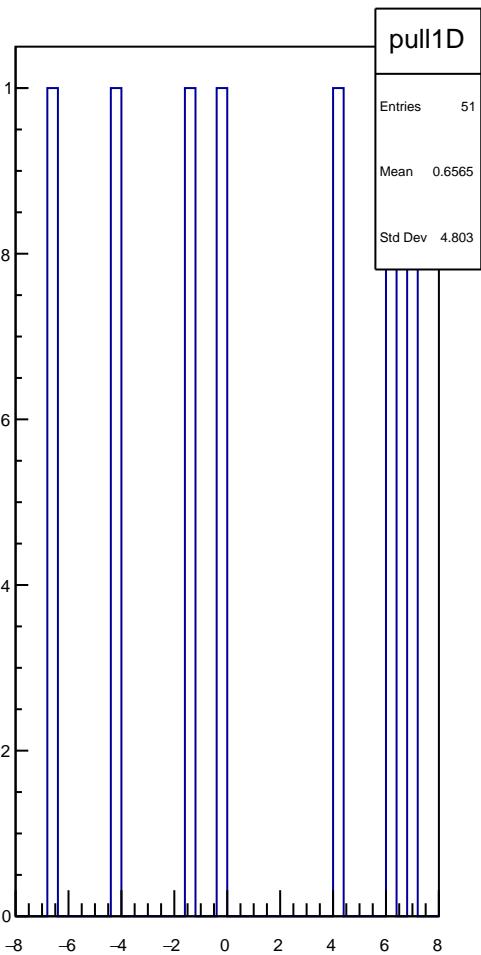
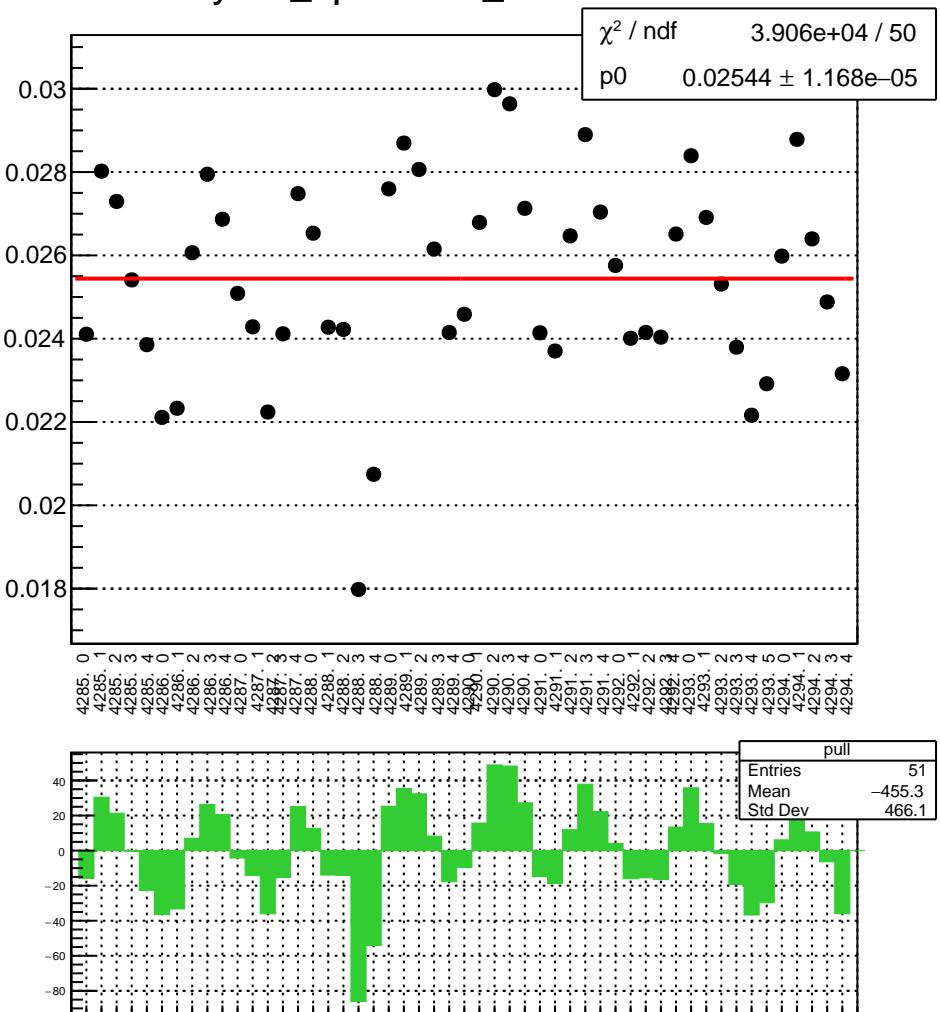
Entries 51
Mean 1.254
Std Dev 4.01



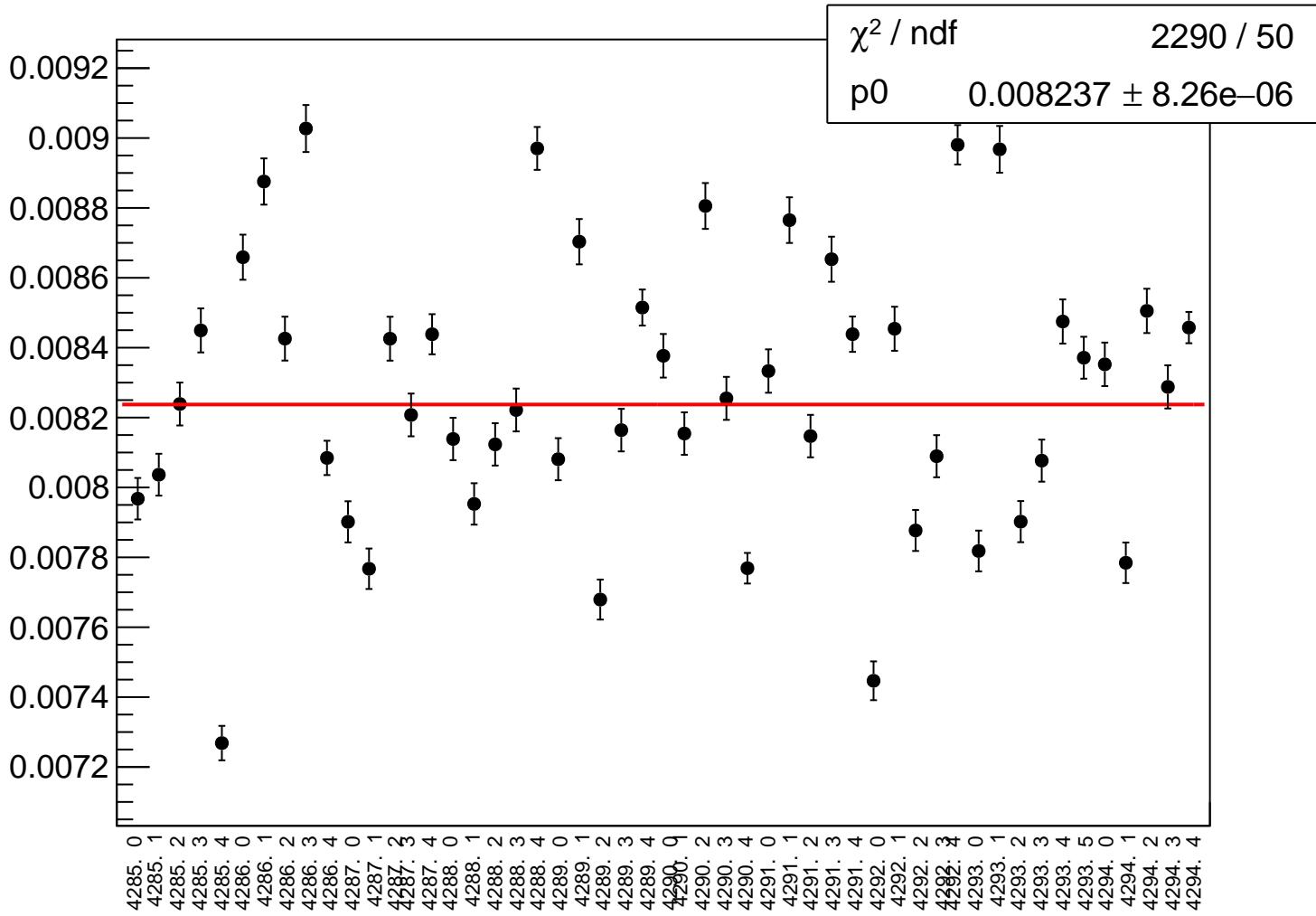
yield_bpm16Y_rms vs run



yield_bpm2i01X_mean vs run

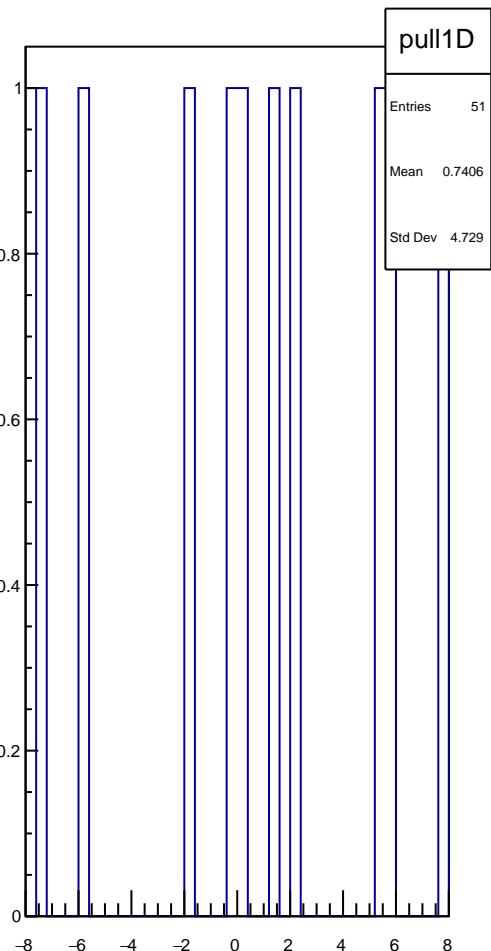
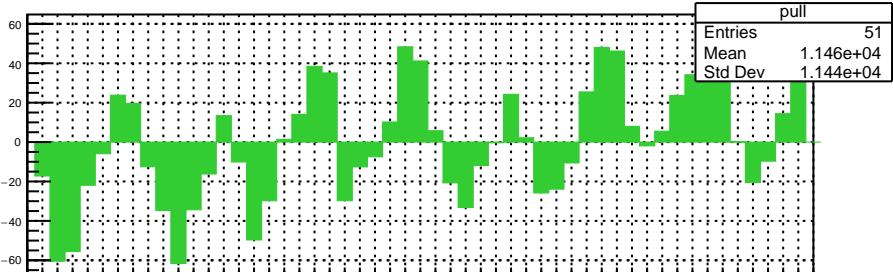
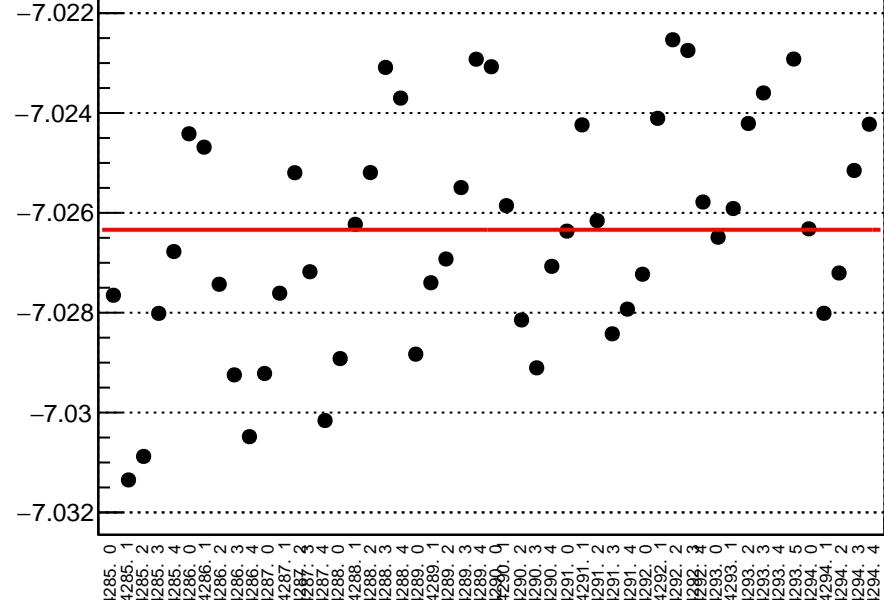


yield_bpm2i01X_rms vs run

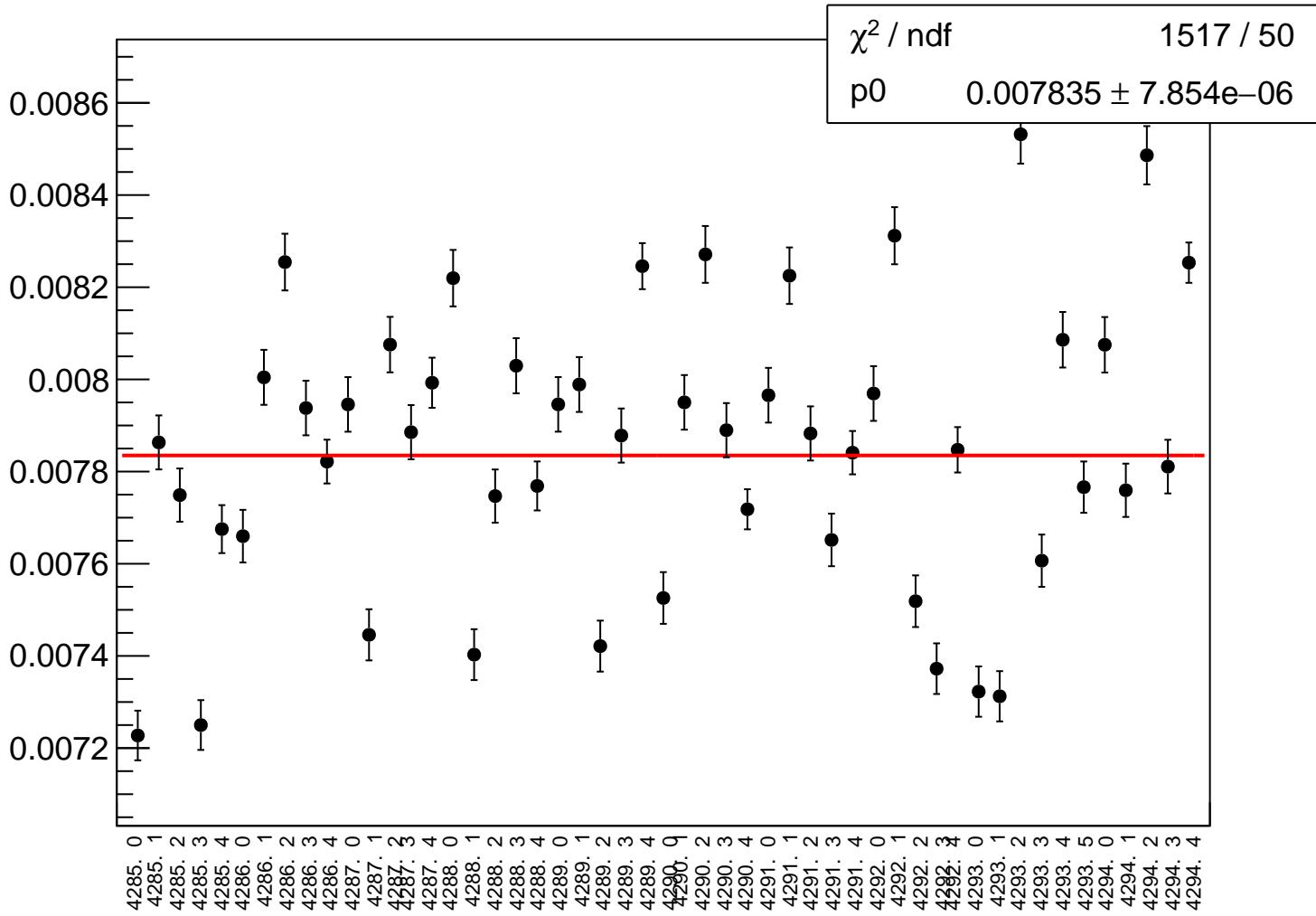


yield_bpm2i01Y_mean vs run

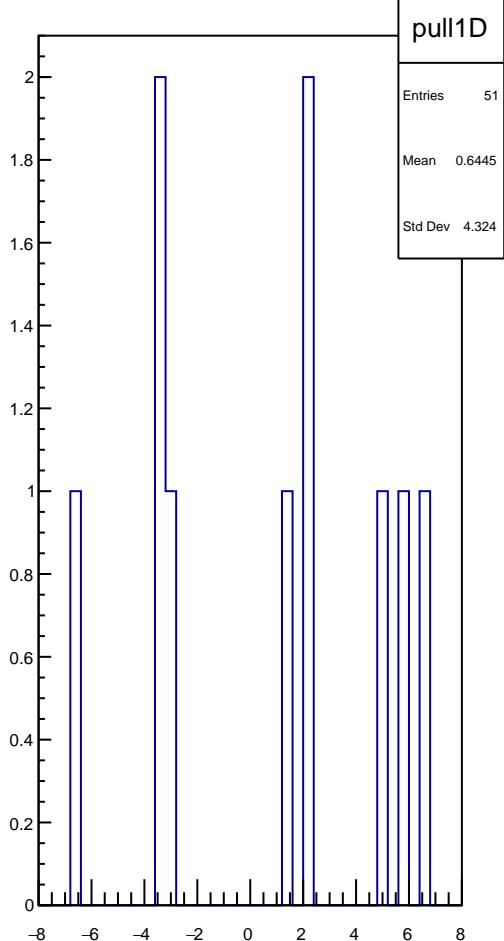
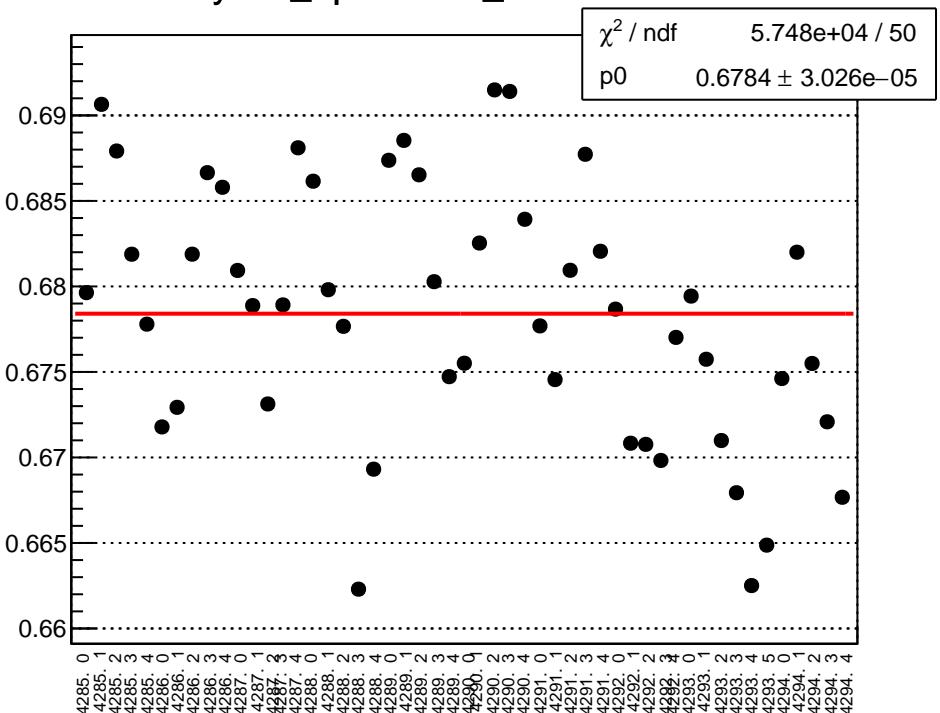
χ^2 / ndf 4.465e+04 / 50
 p0 $-7.026 \pm 1.111\text{e}{-}05$



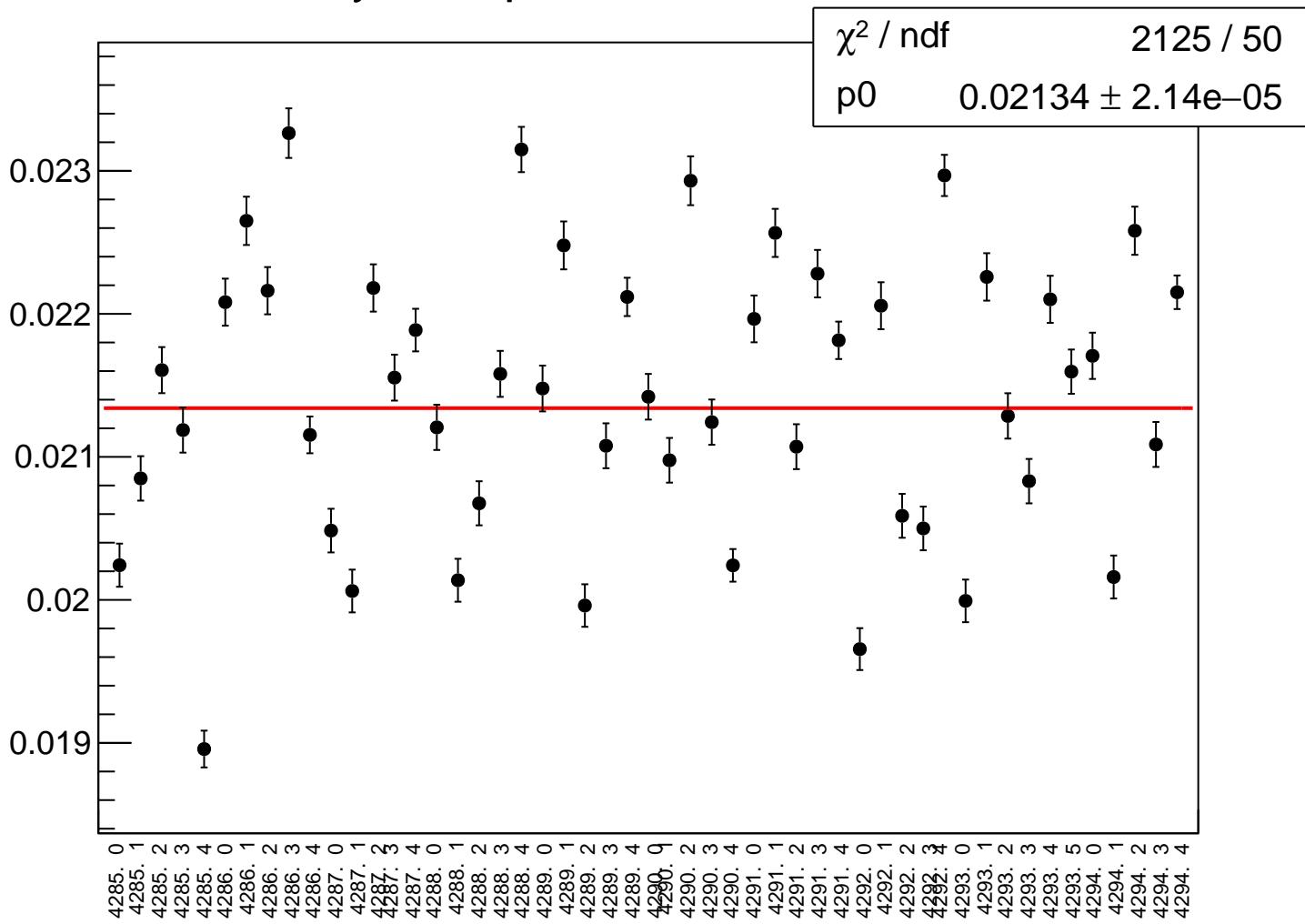
yield_bpm2i01Y_rms vs run



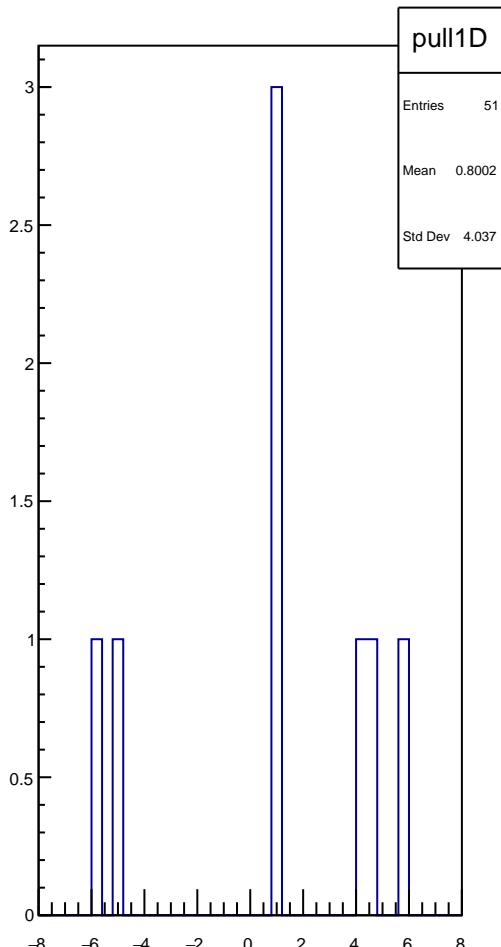
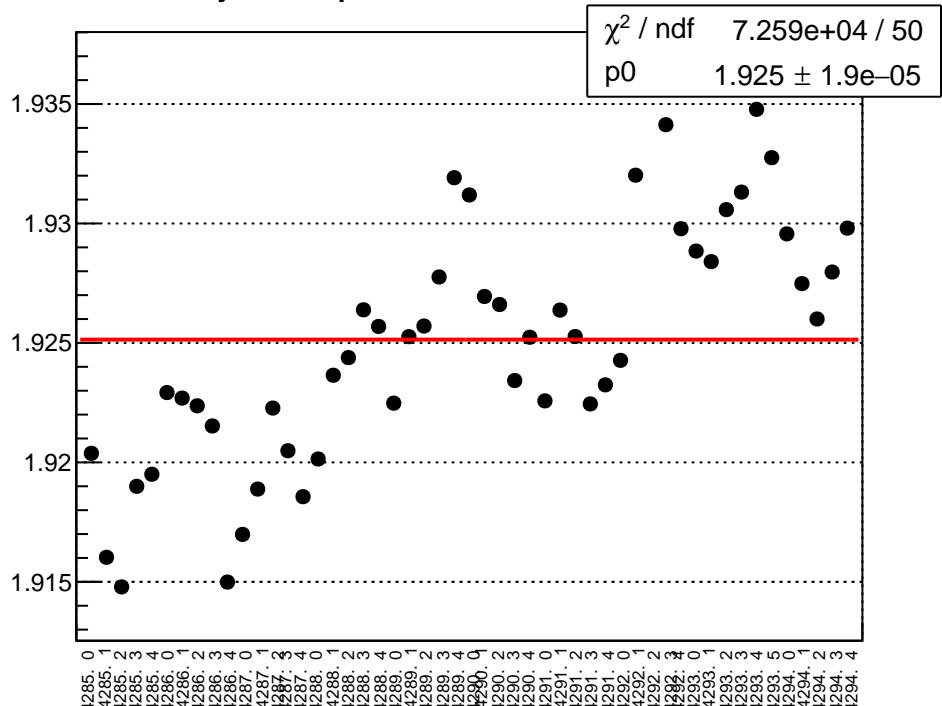
yield_bpm2i02X_mean vs run



yield_bpm2i02X_rms vs run



yield_bpm2i02Y_mean vs run

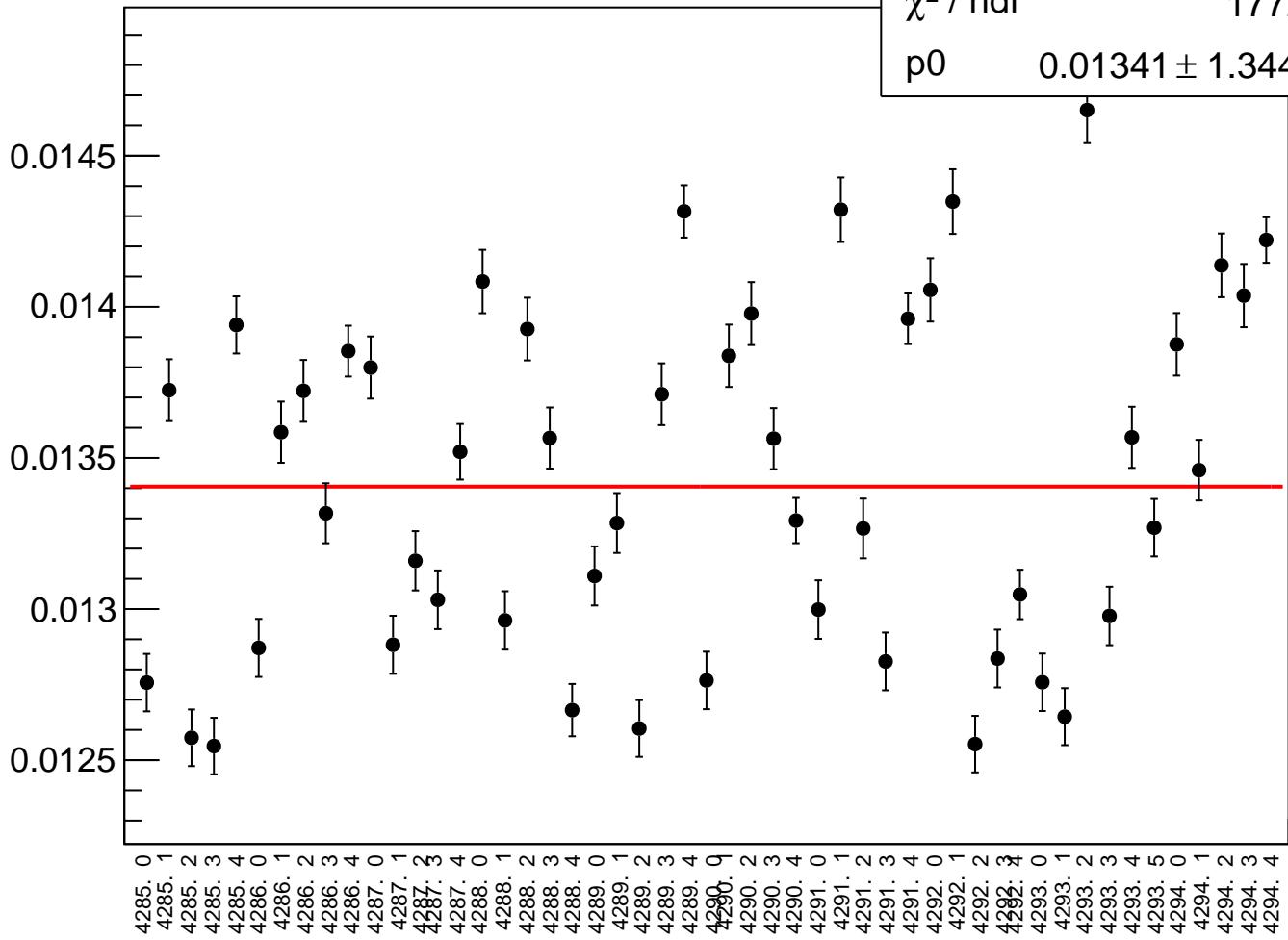


yield_bpm2i02Y_rms vs run

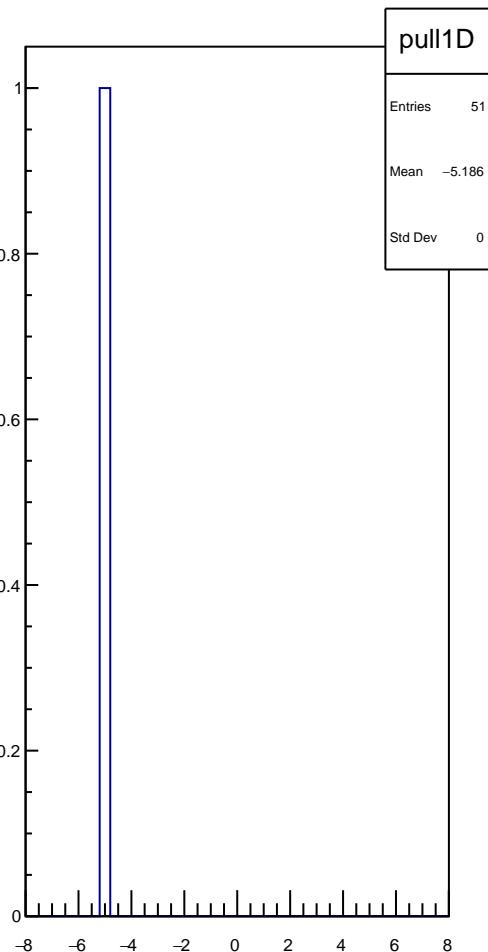
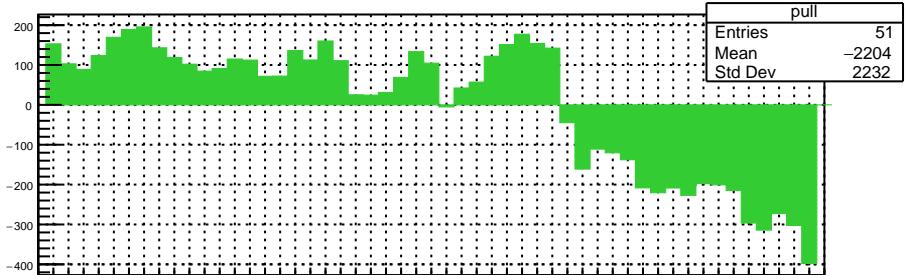
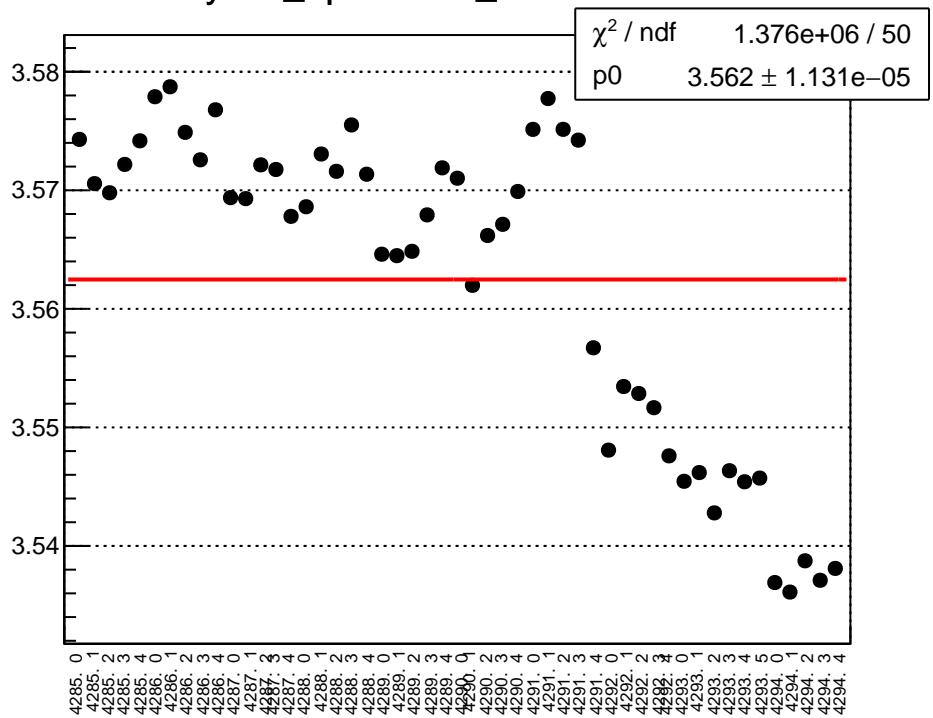
χ^2 / ndf

1772 / 50

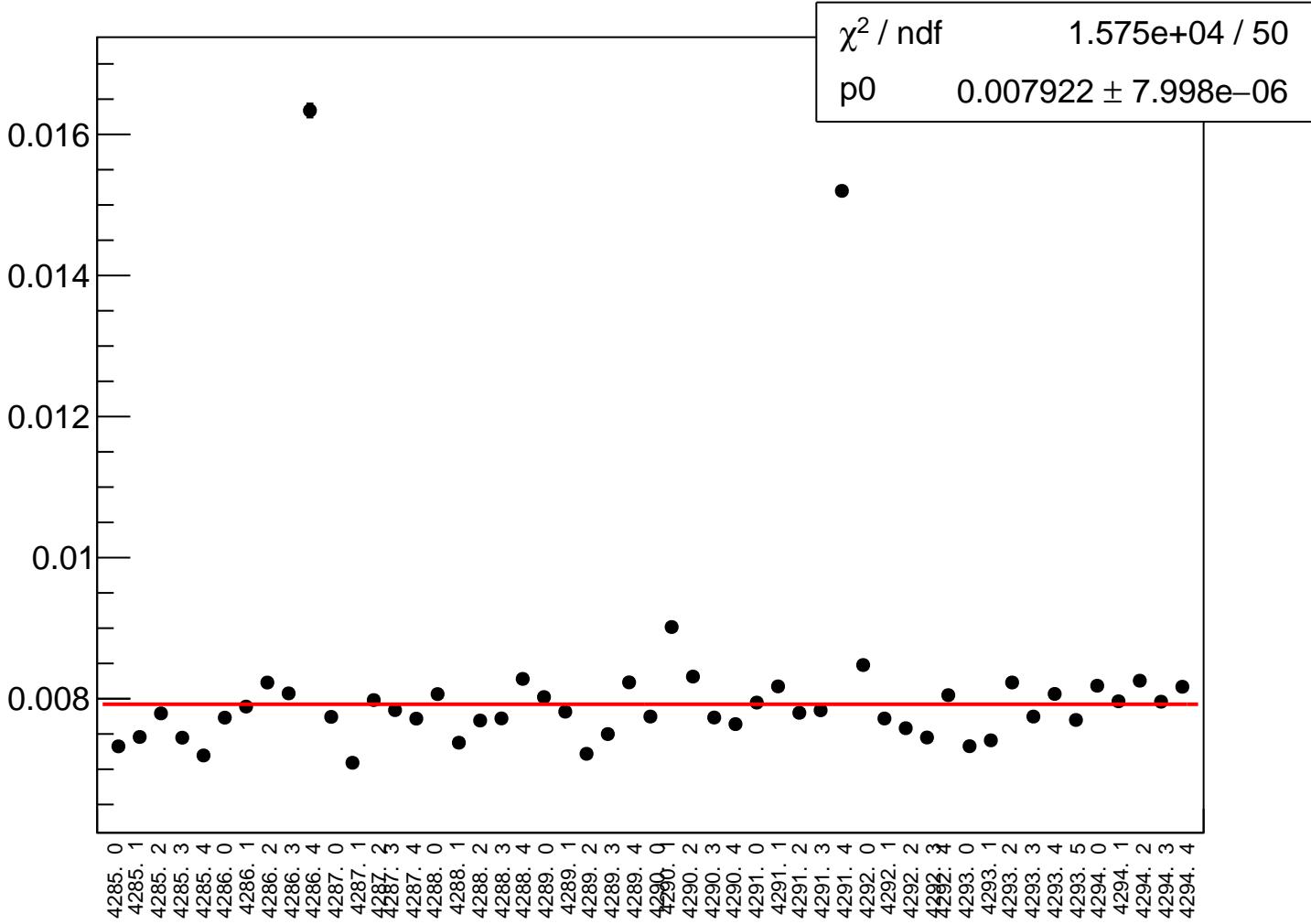
p0 $0.01341 \pm 1.344\text{e-}05$



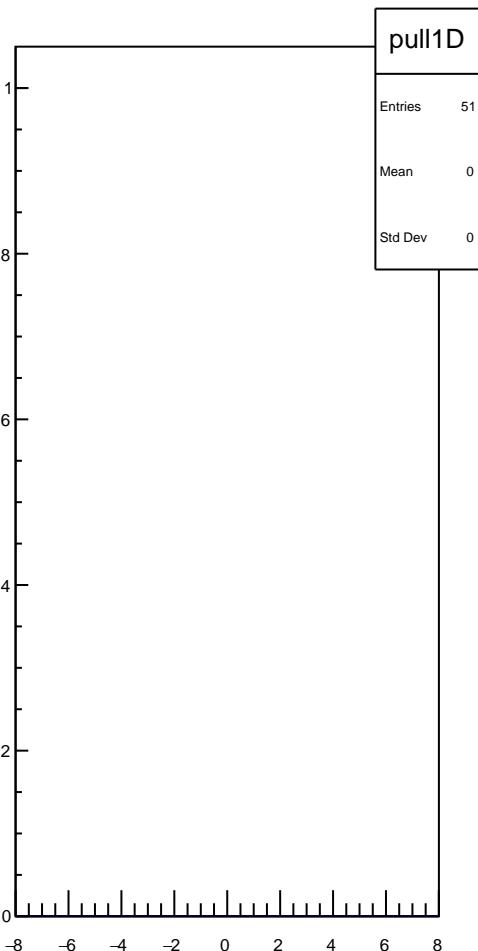
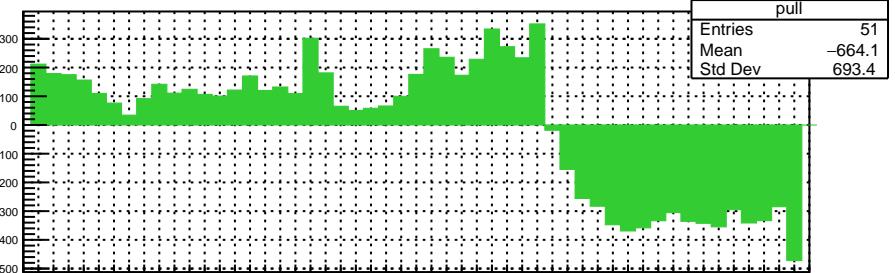
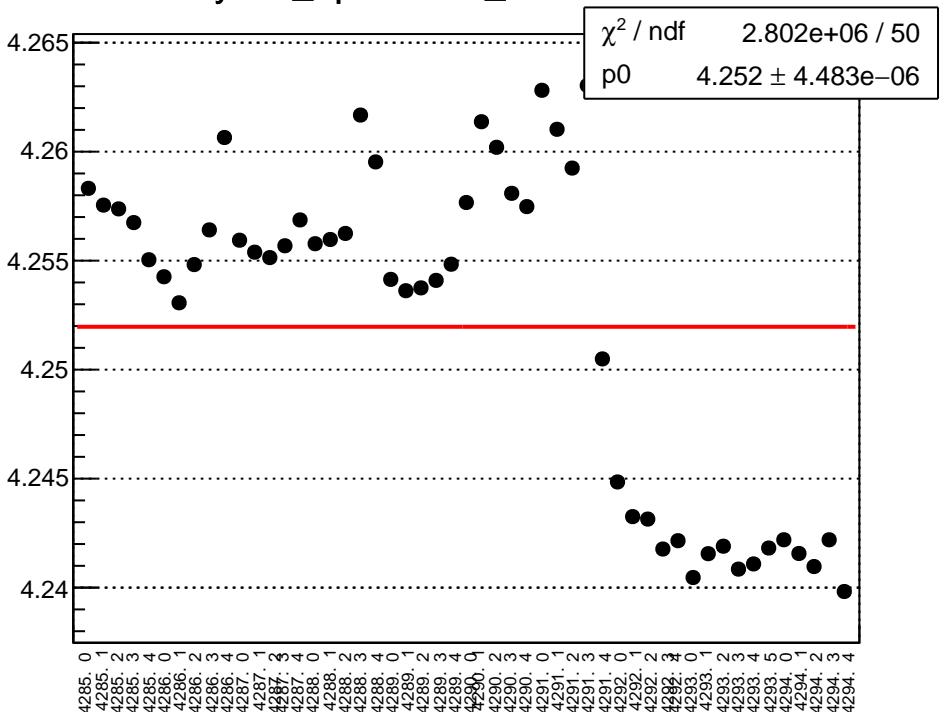
yield_bpm1i04X_mean vs run



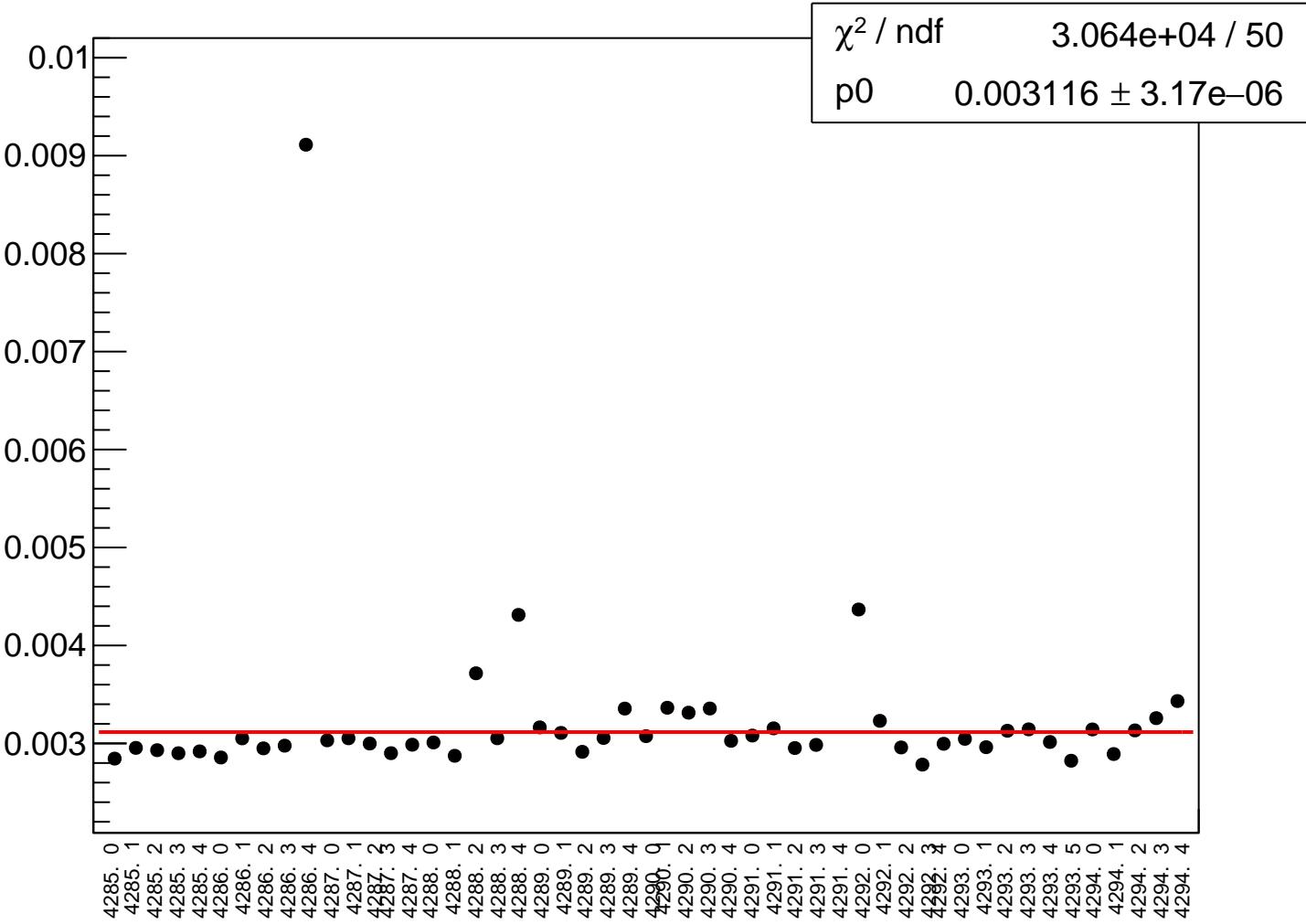
yield_bpm1i04X_rms vs run



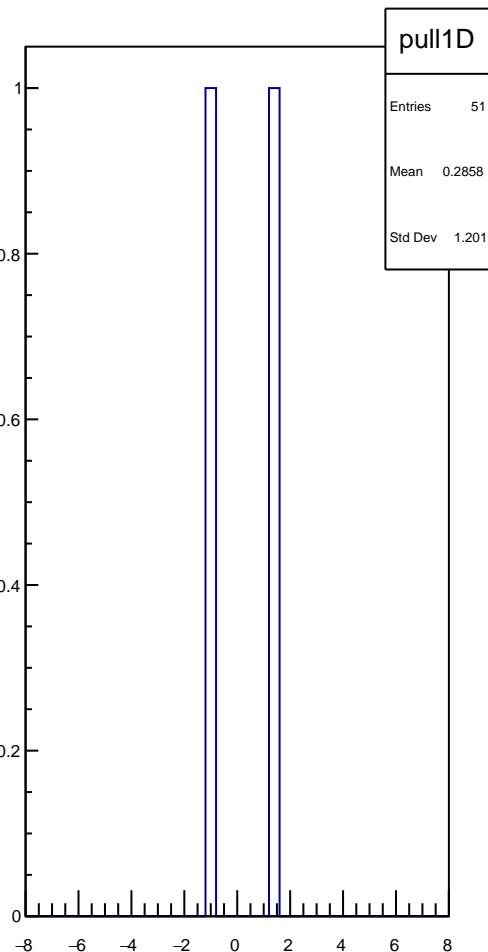
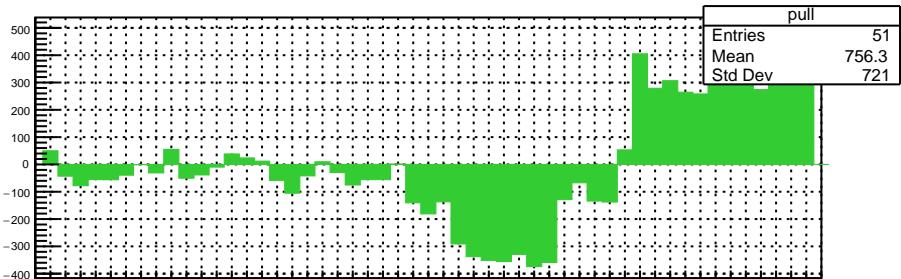
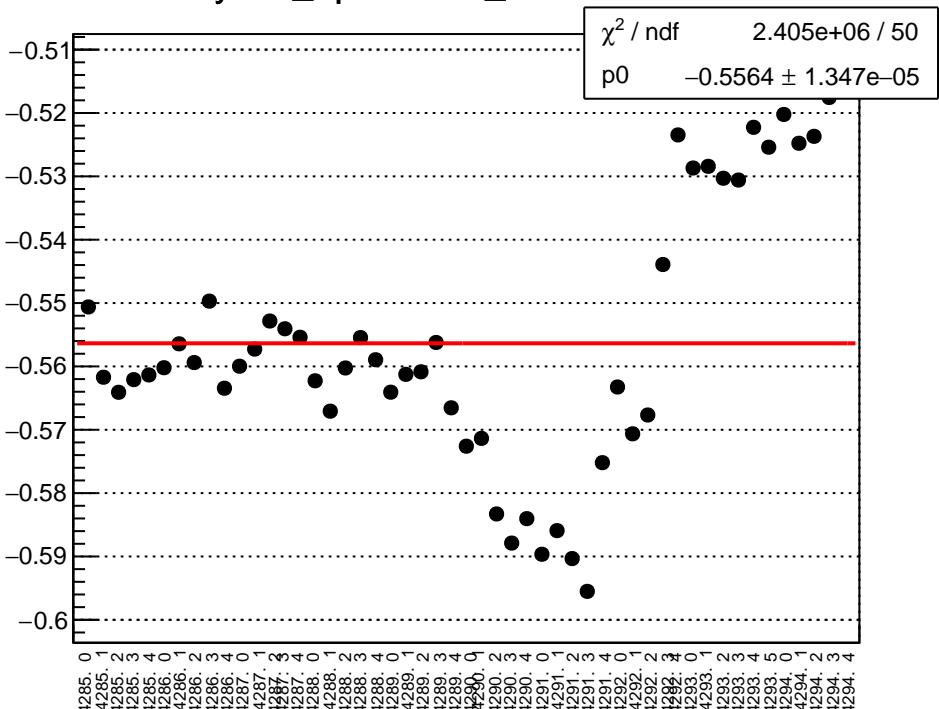
yield_bpm1i04Y_mean vs run



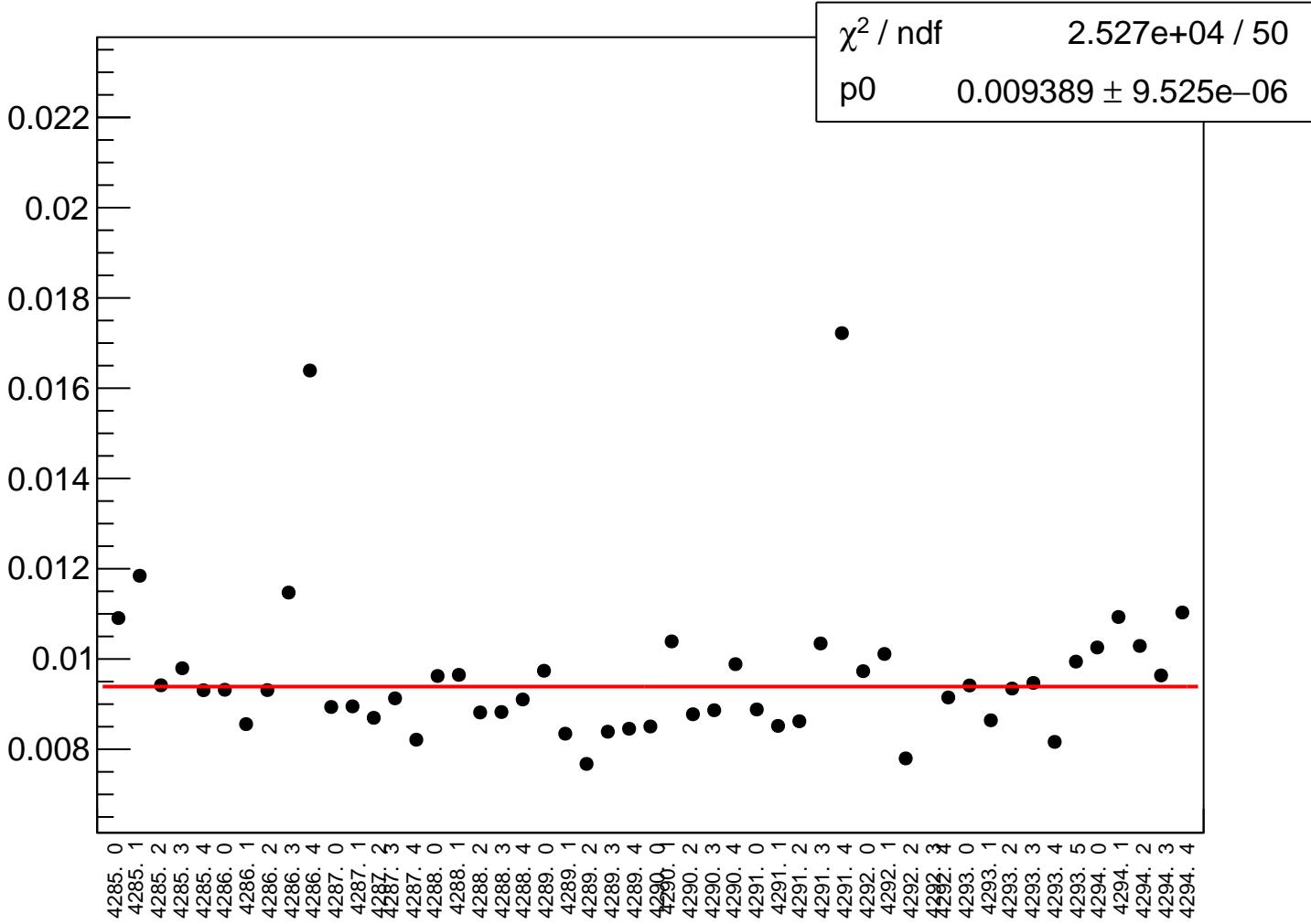
yield_bpm1i04Y_rms vs run



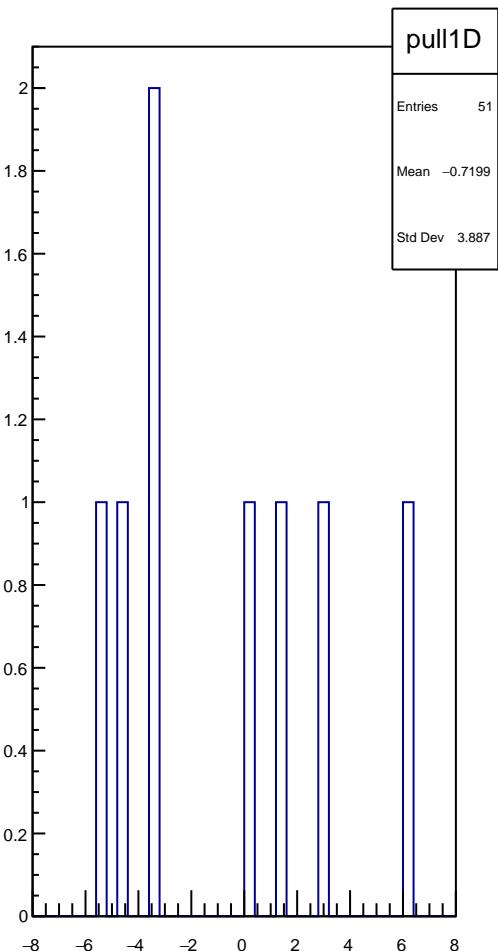
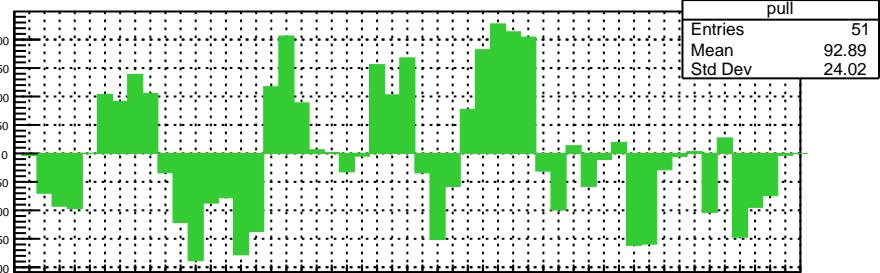
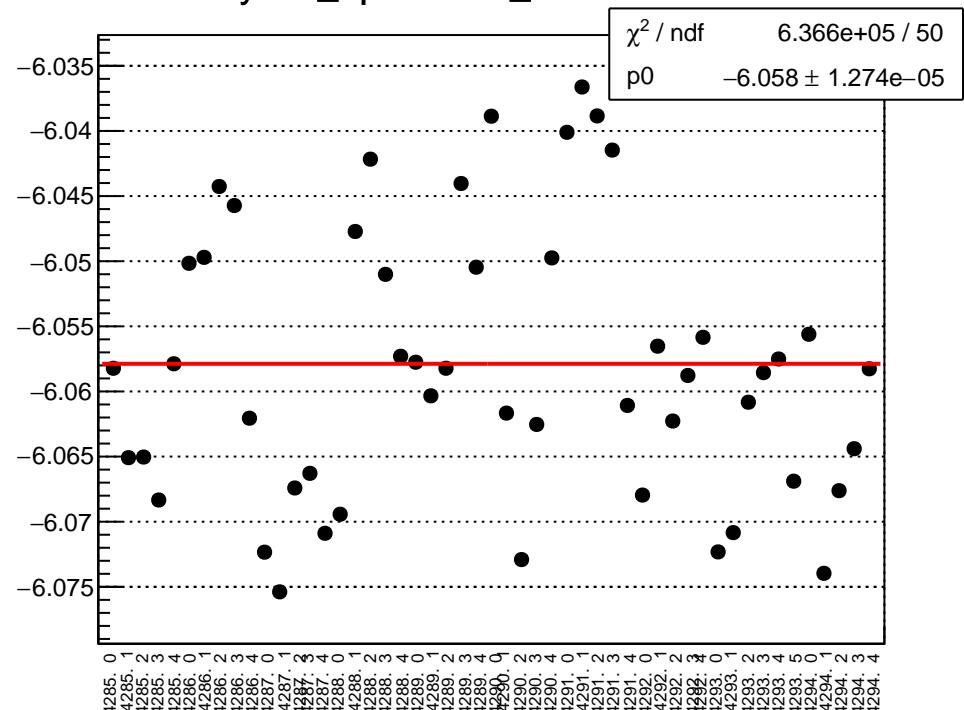
yield_bpm0I01X_mean vs run



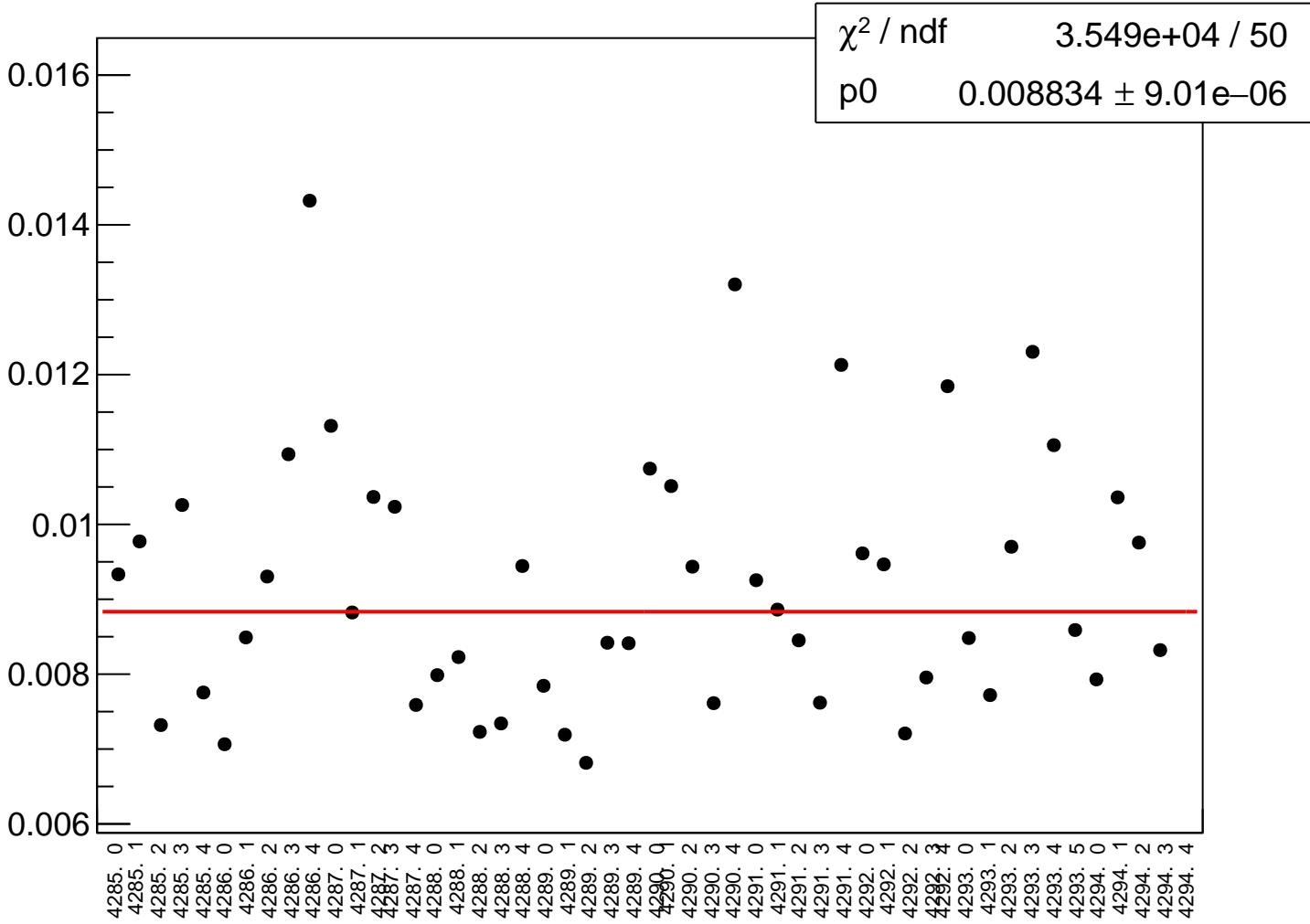
yield_bpm0l01X_rms vs run



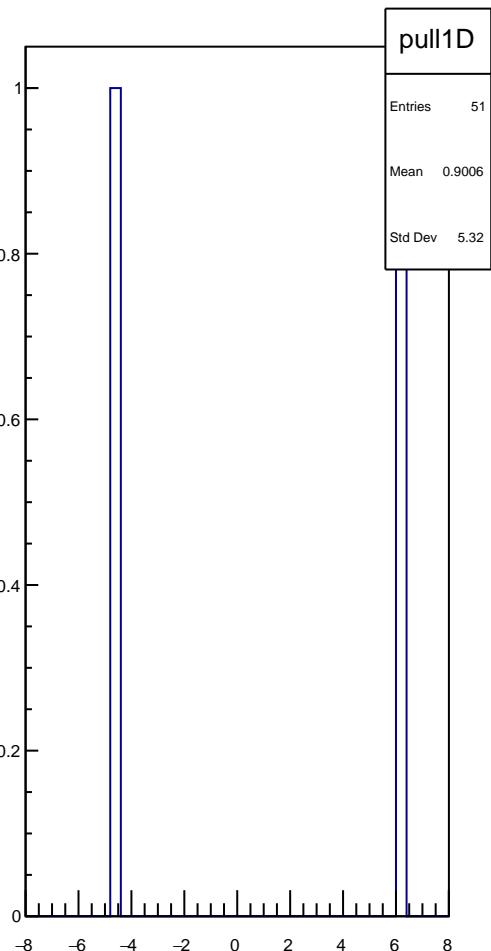
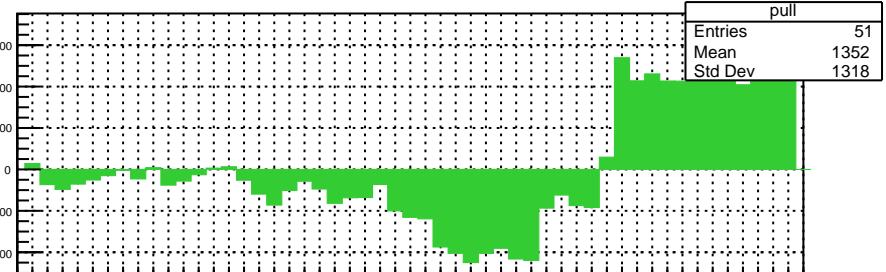
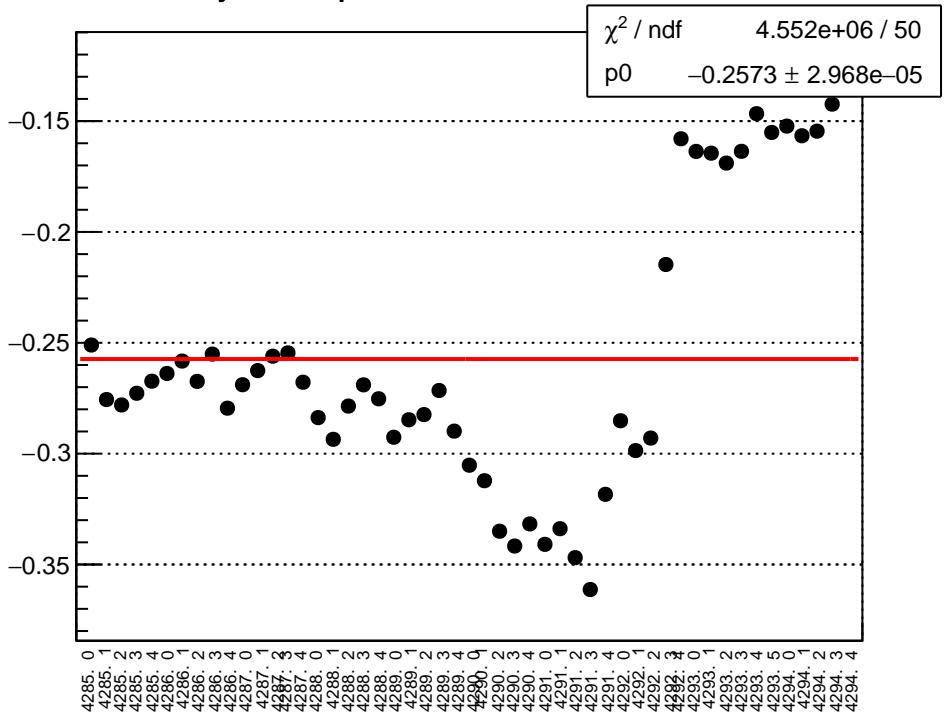
yield_bpm0I01Y_mean vs run



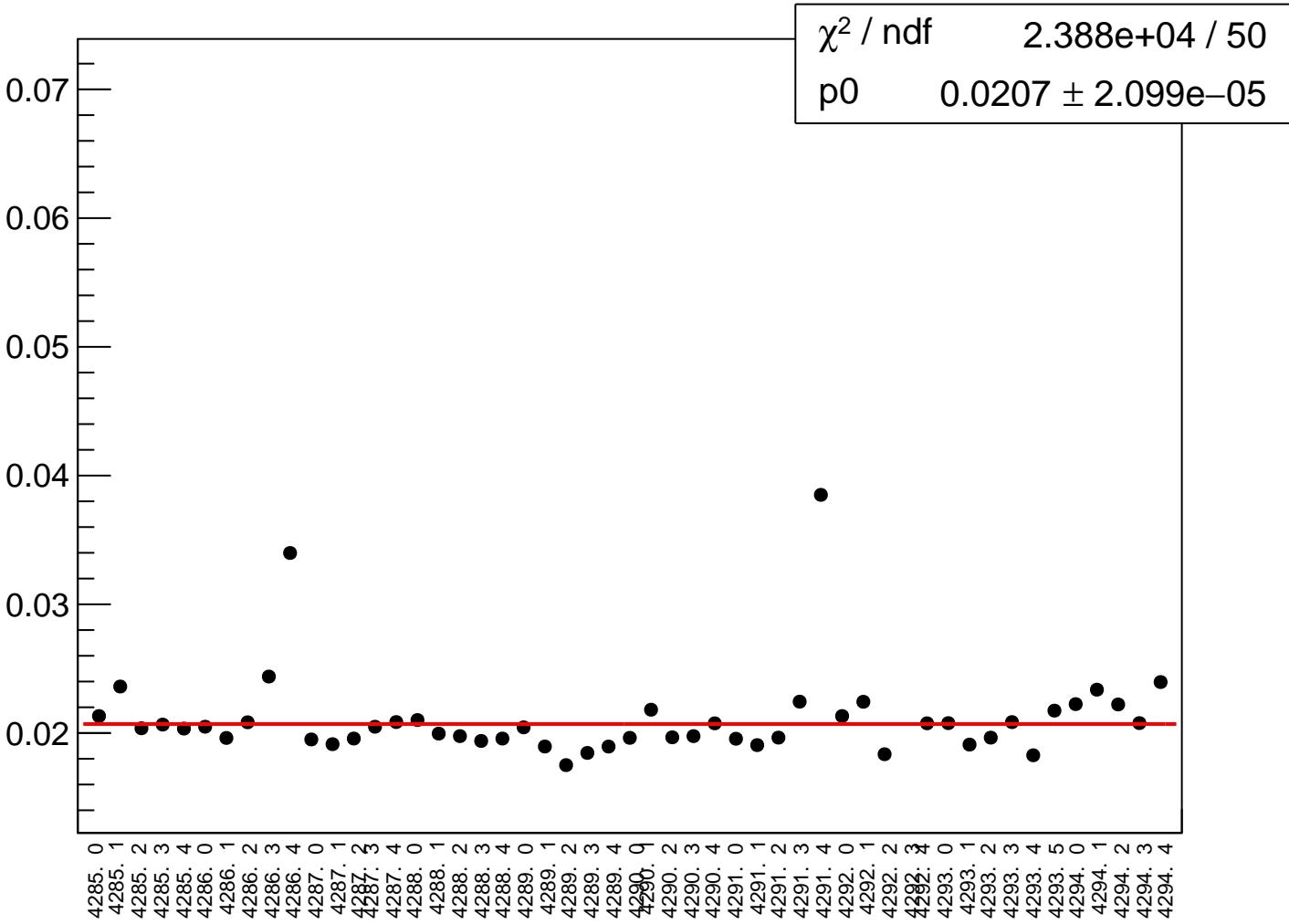
yield_bpm0l01Y_rms vs run



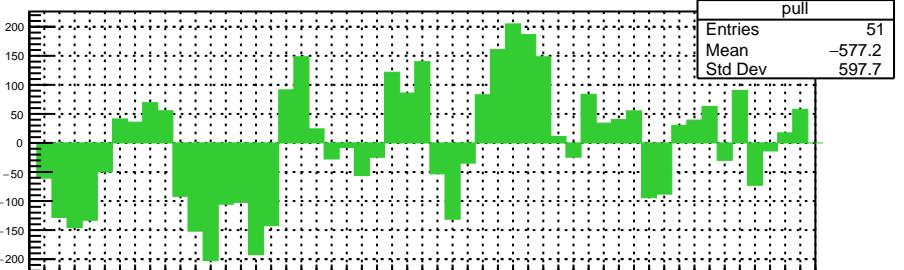
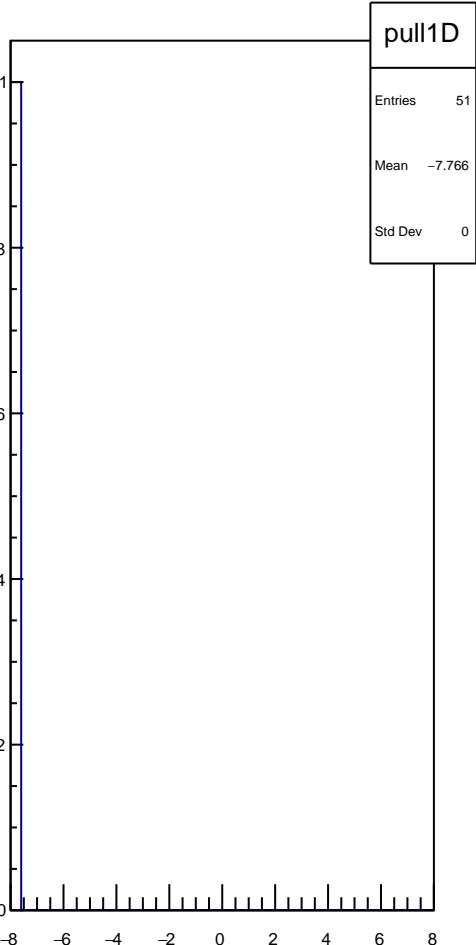
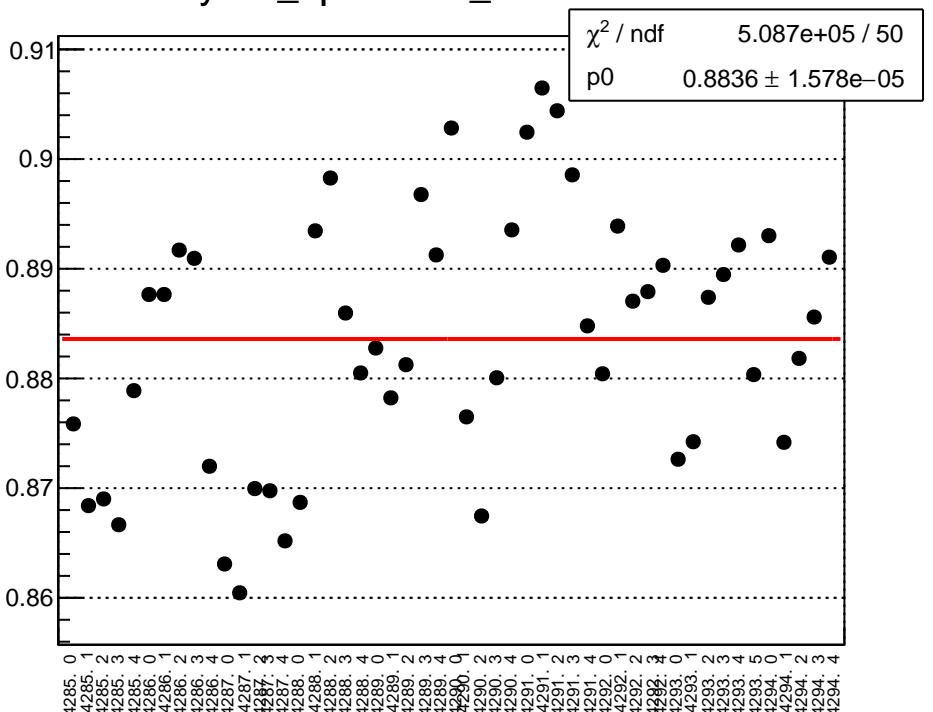
yield_bpm0l02X_mean vs run



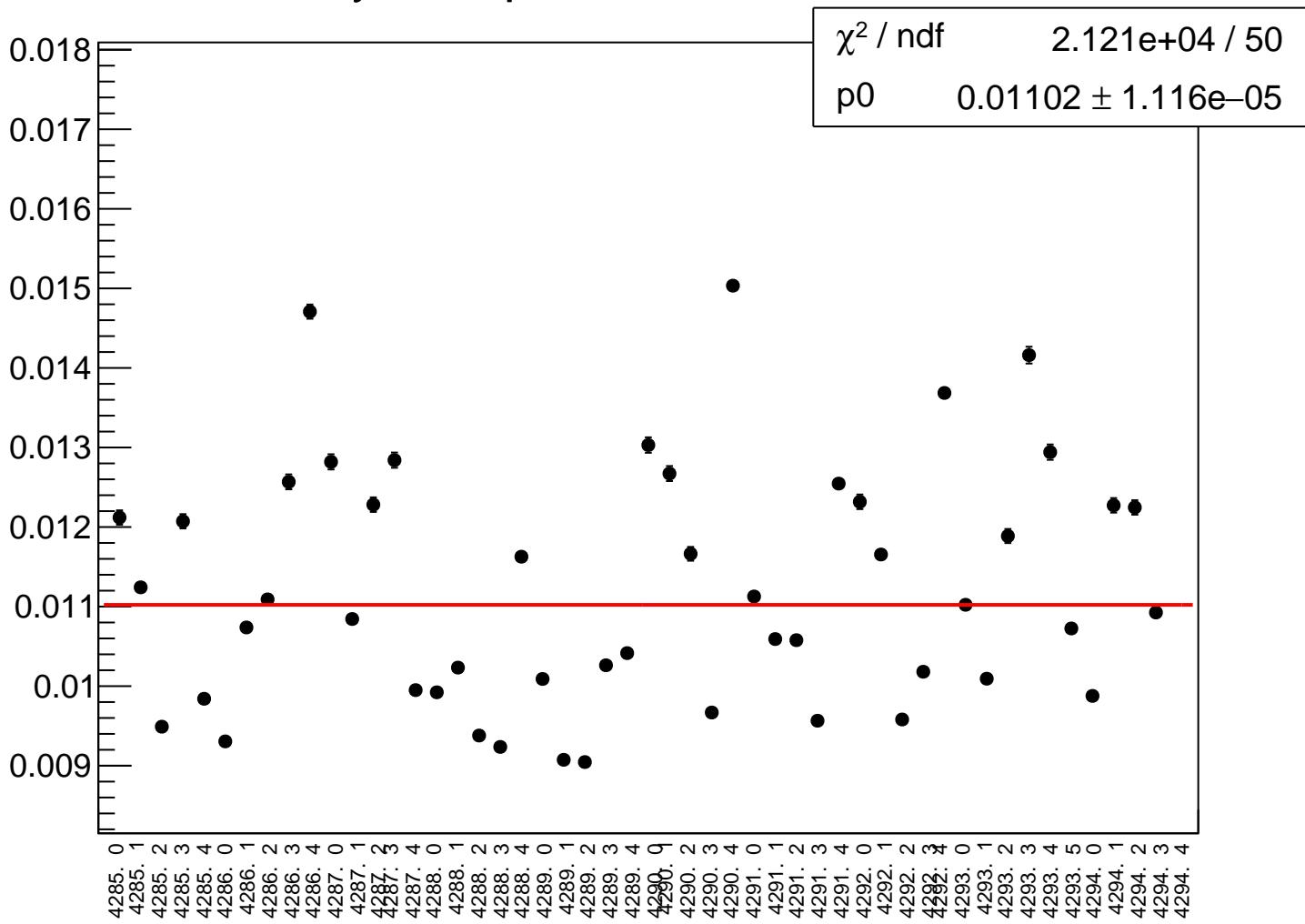
yield_bpm0l02X_rms vs run



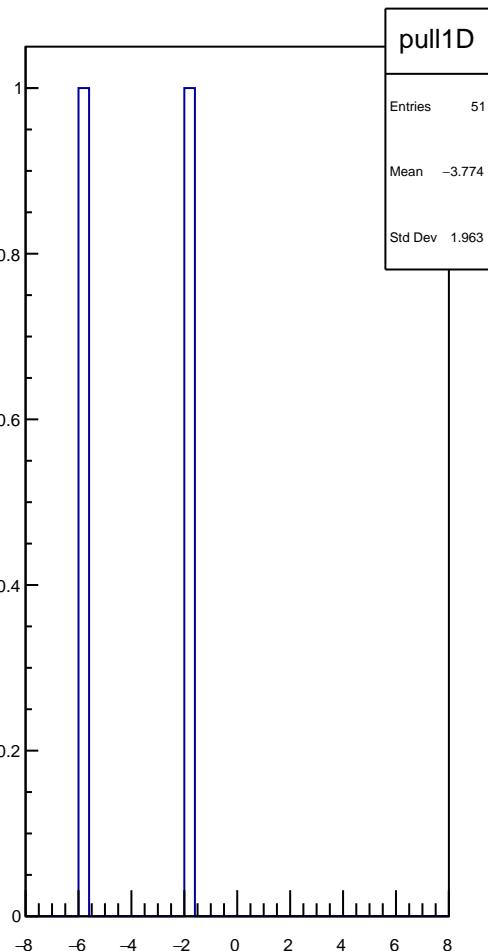
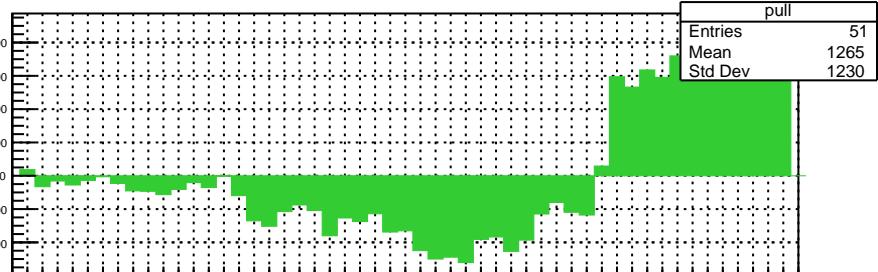
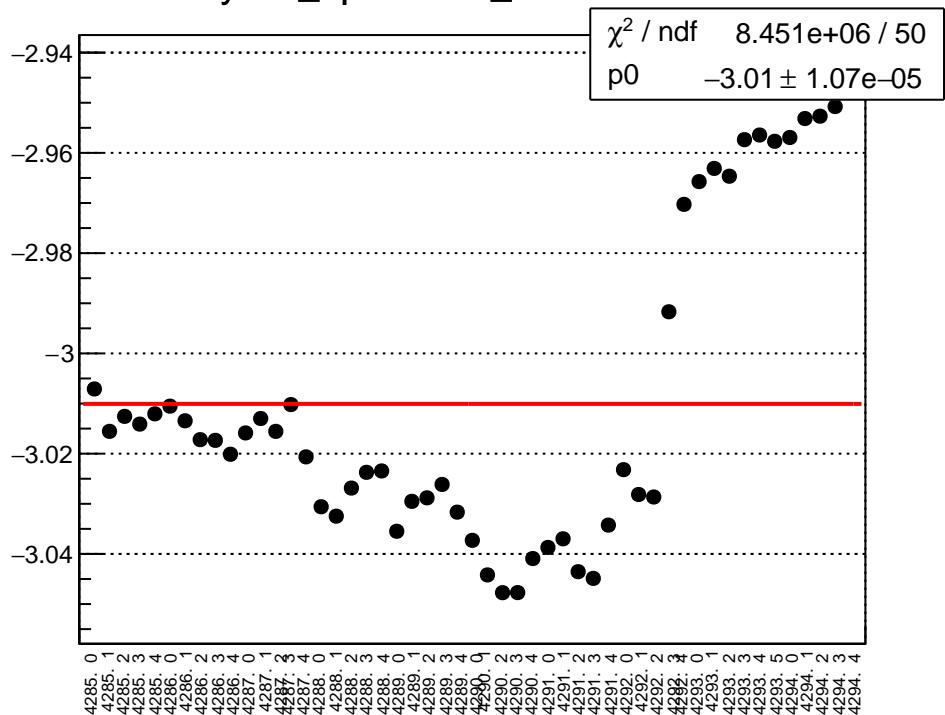
yield_bpm0l02Y_mean vs run



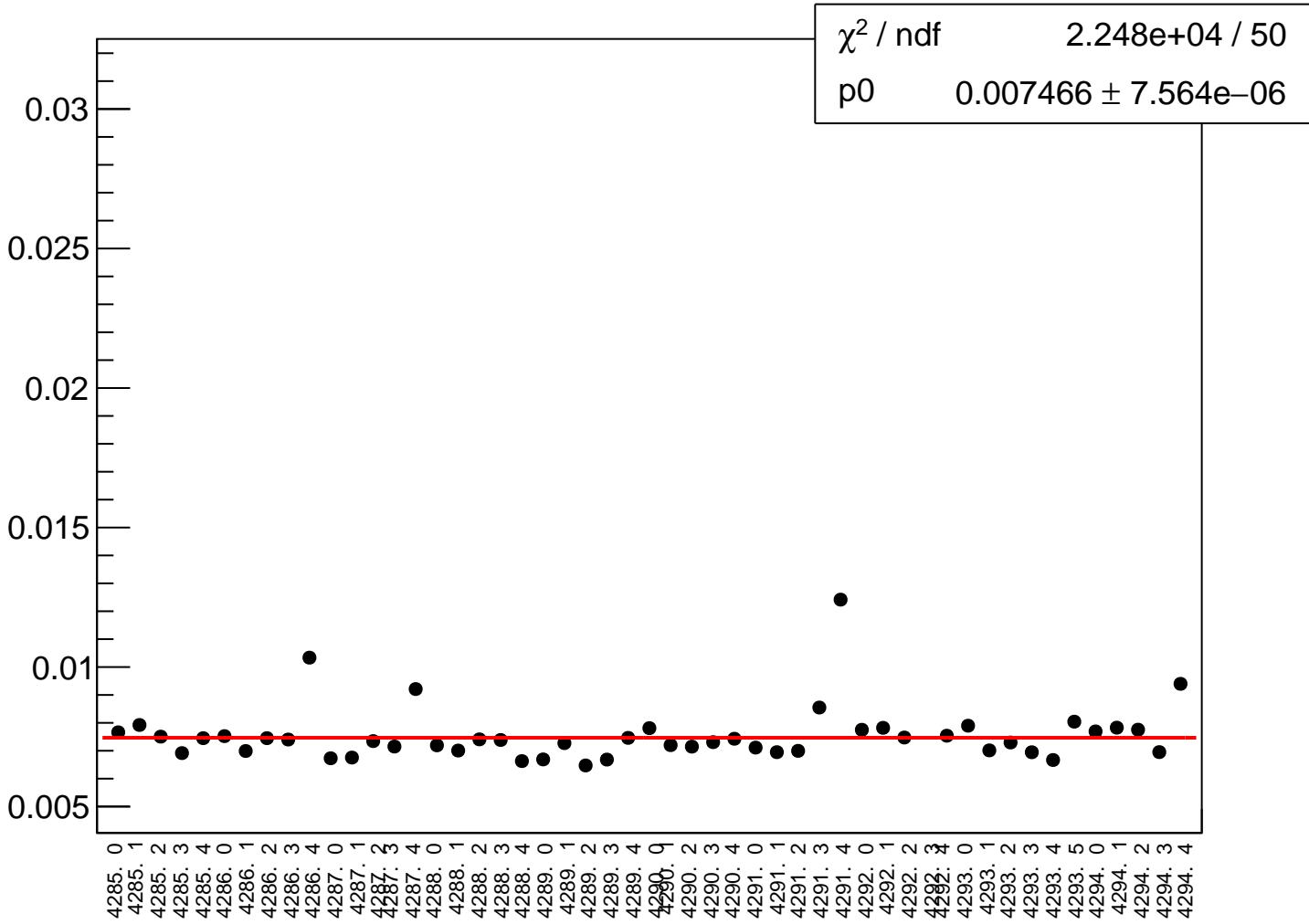
yield_bpm0l02Y_rms vs run



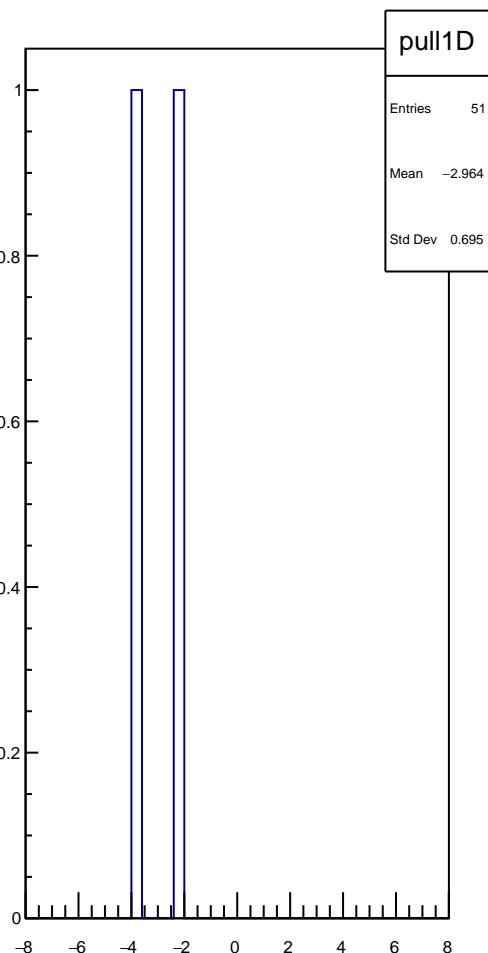
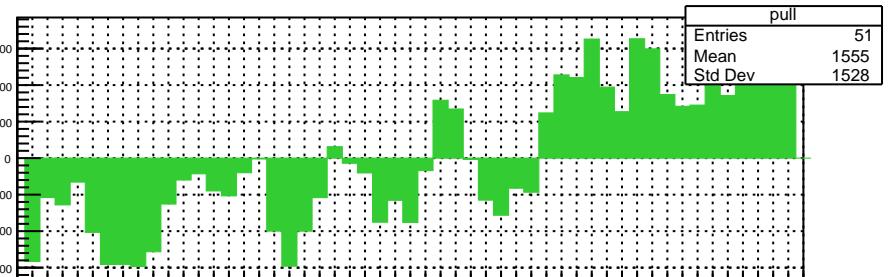
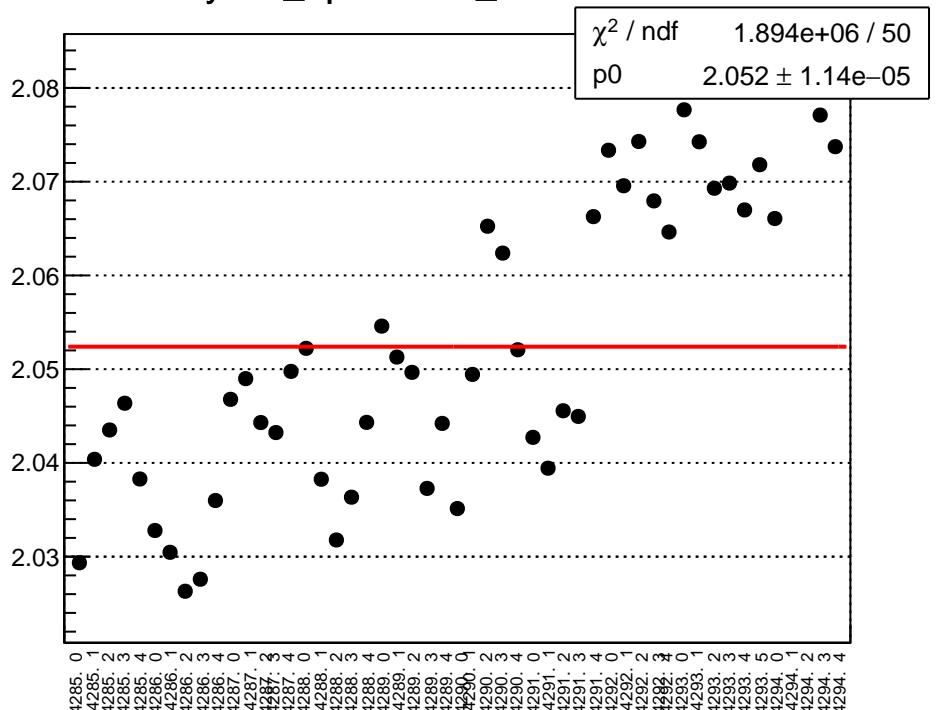
yield_bpm0l03X_mean vs run



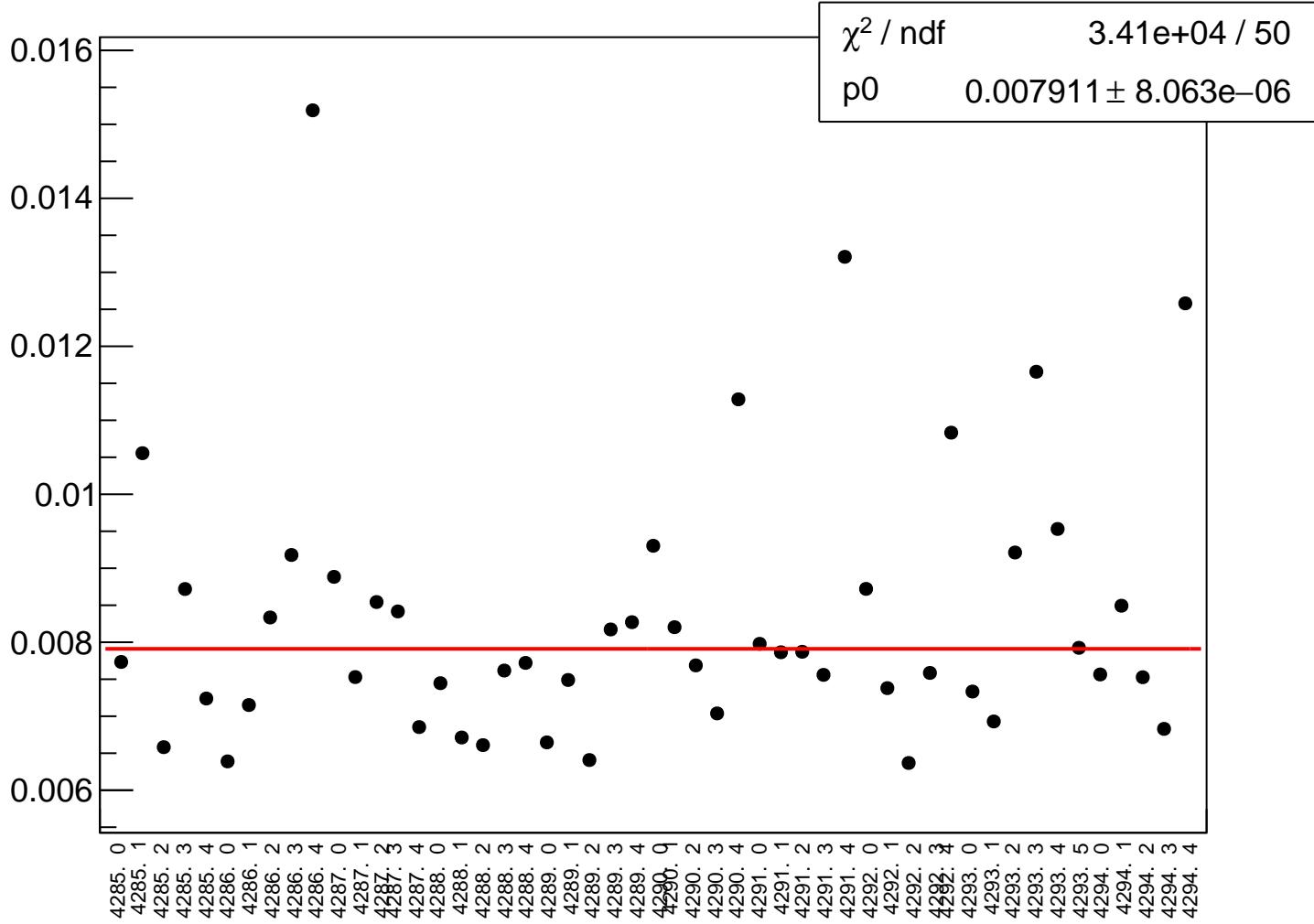
yield_bpm0l03X_rms vs run



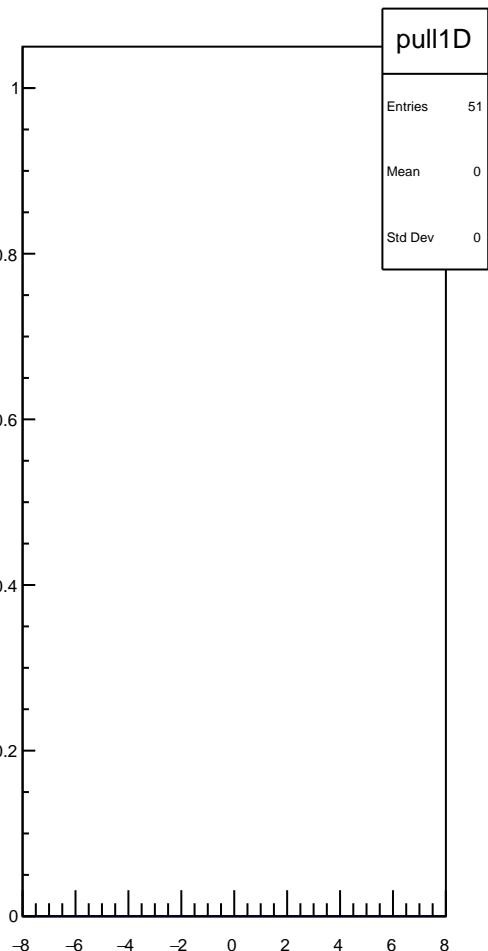
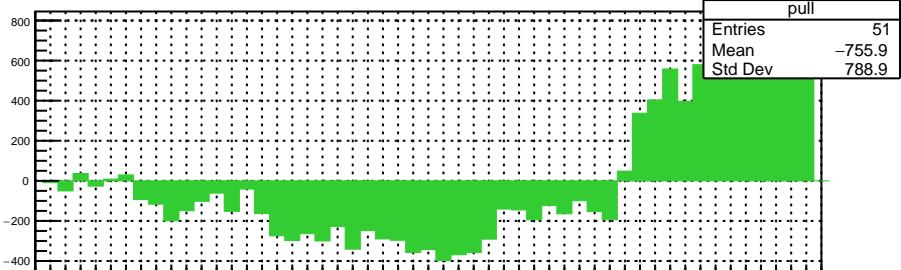
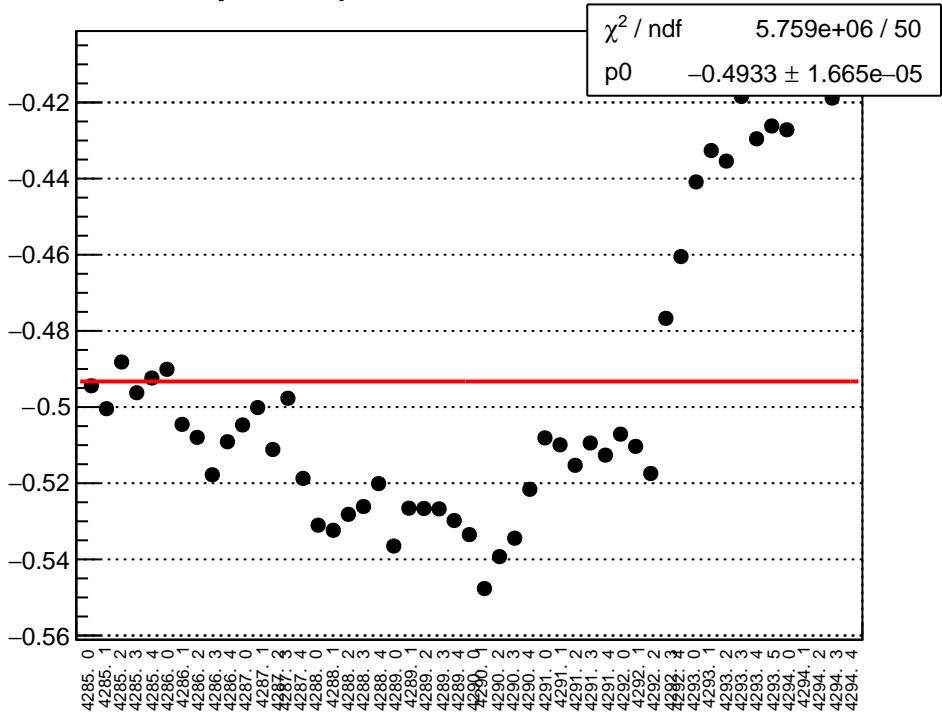
yield_bpm0I03Y_mean vs run



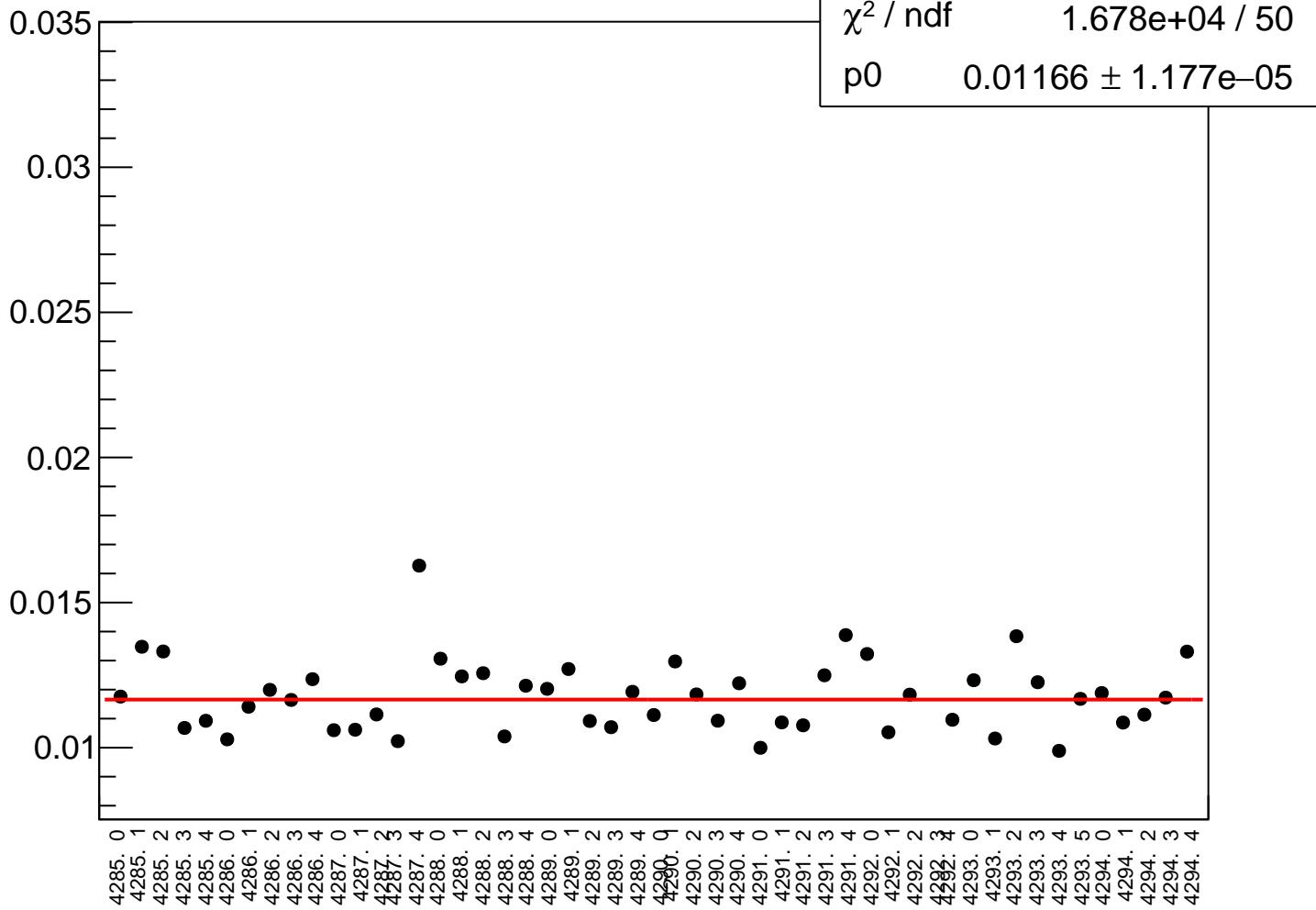
yield_bpm0l03Y_rms vs run



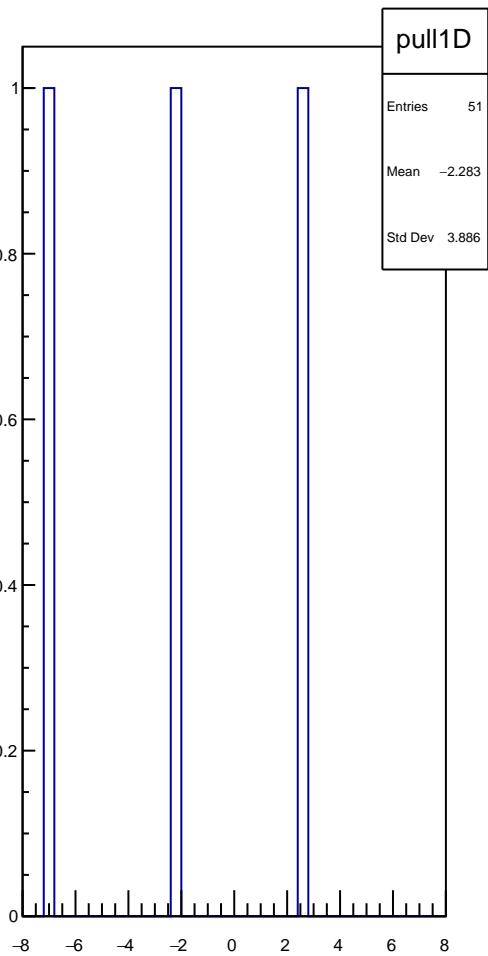
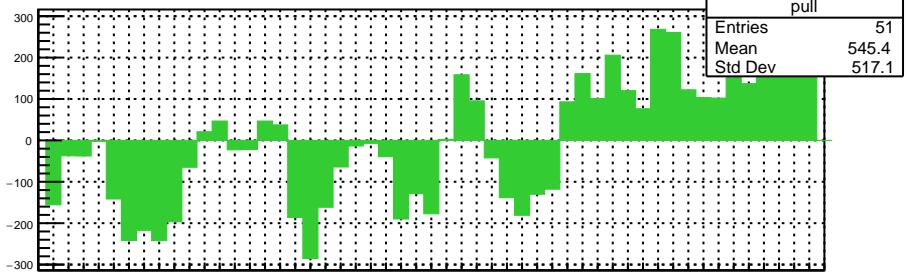
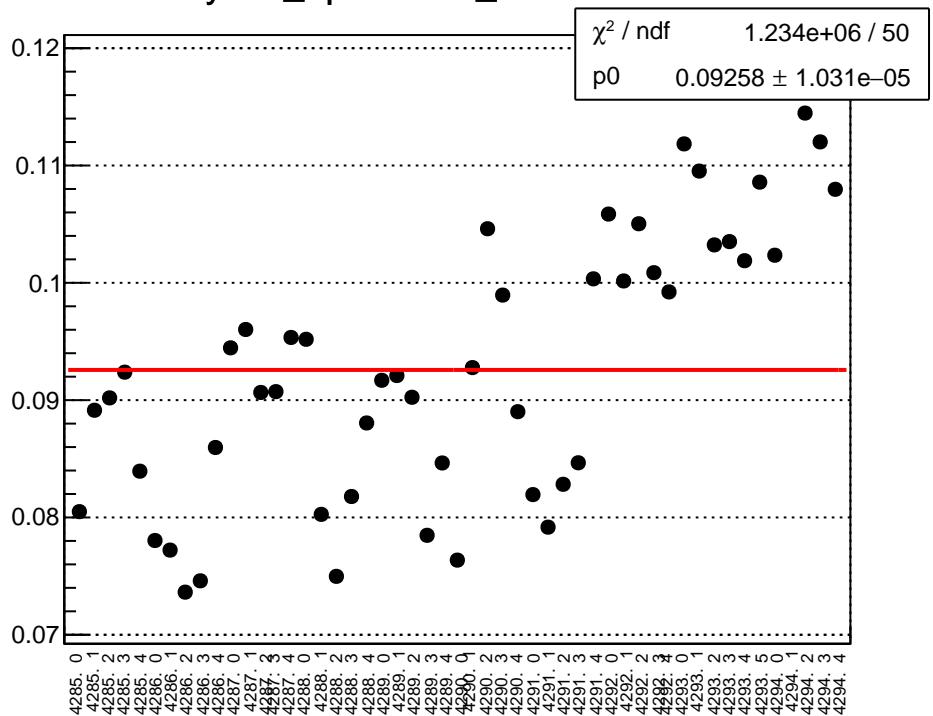
yield_bpm0l04X_mean vs run



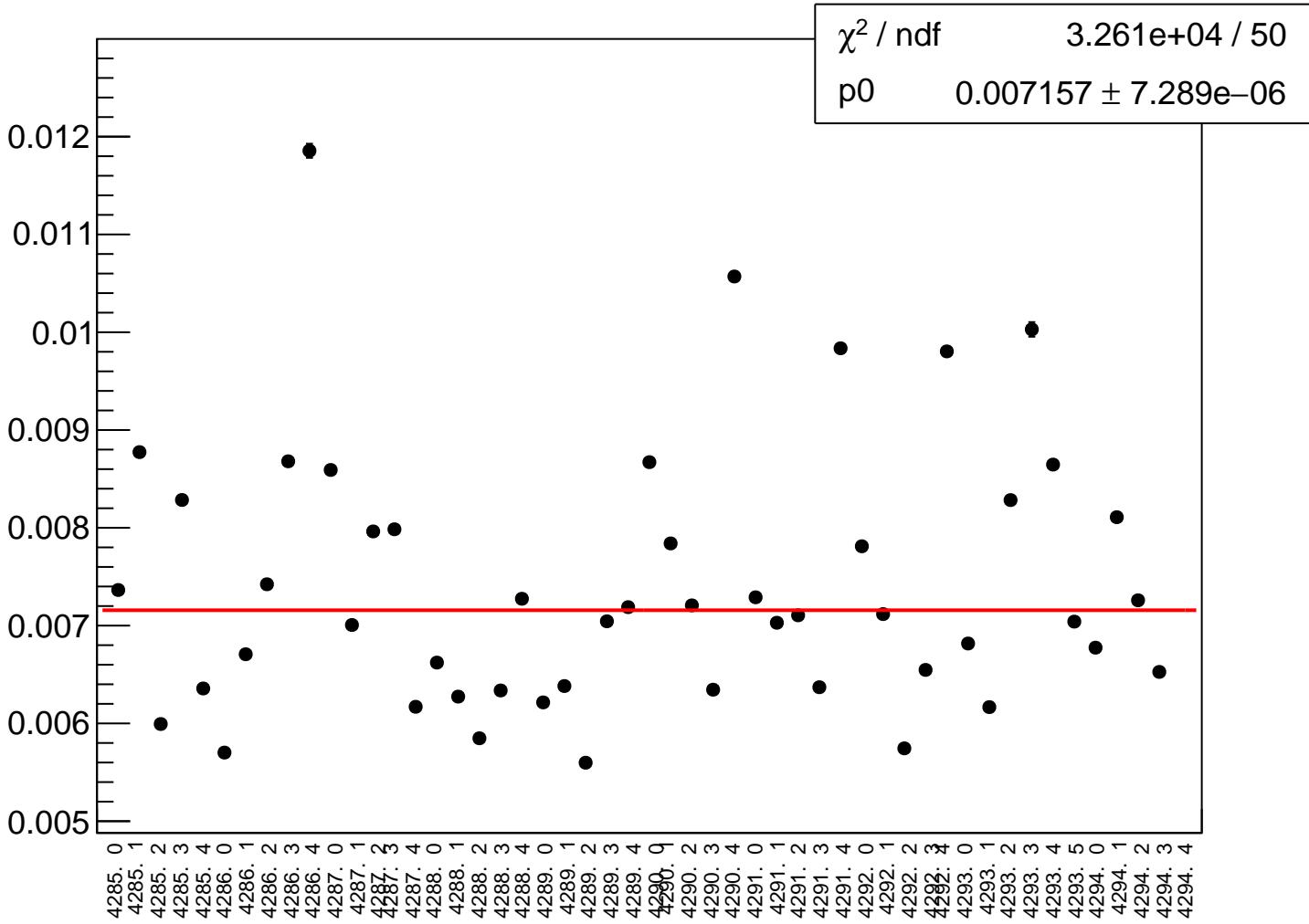
yield_bpm0l04X_rms vs run



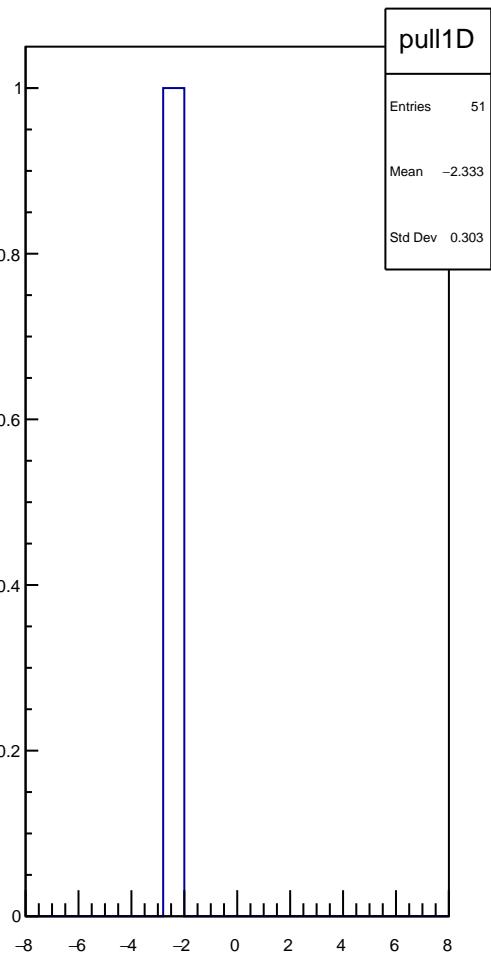
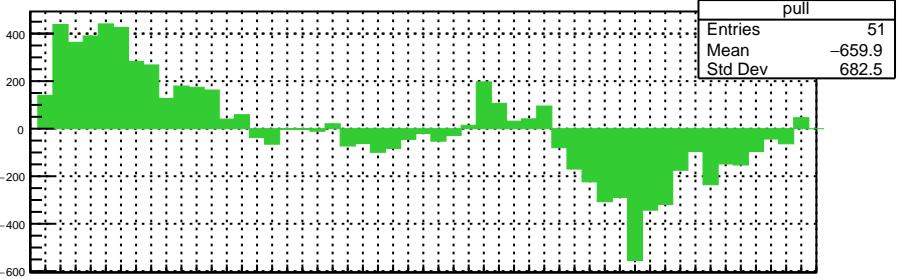
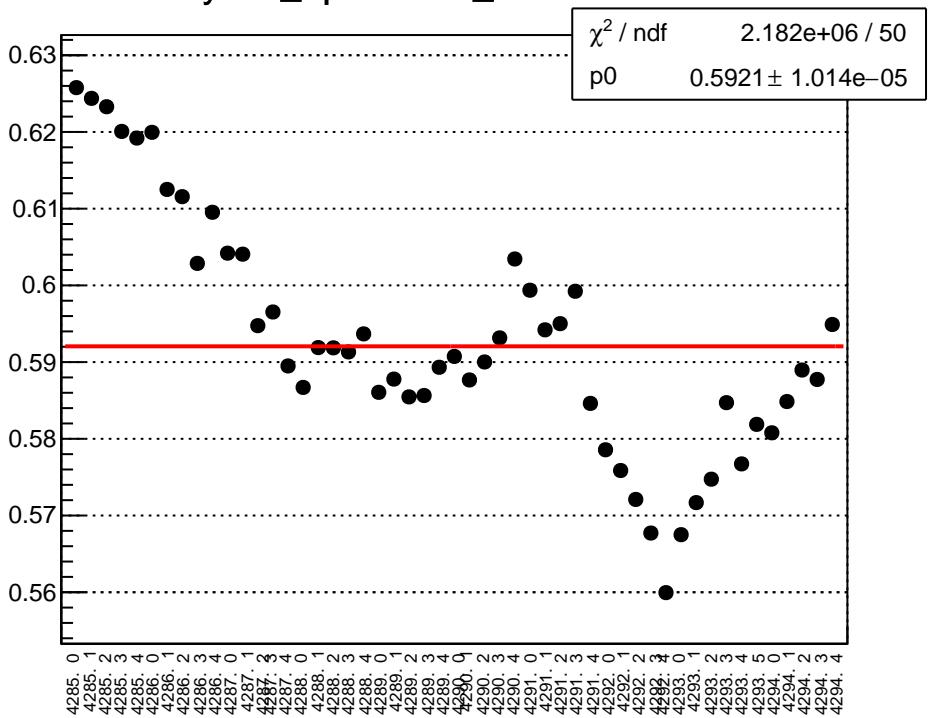
yield_bpm0I04Y_mean vs run



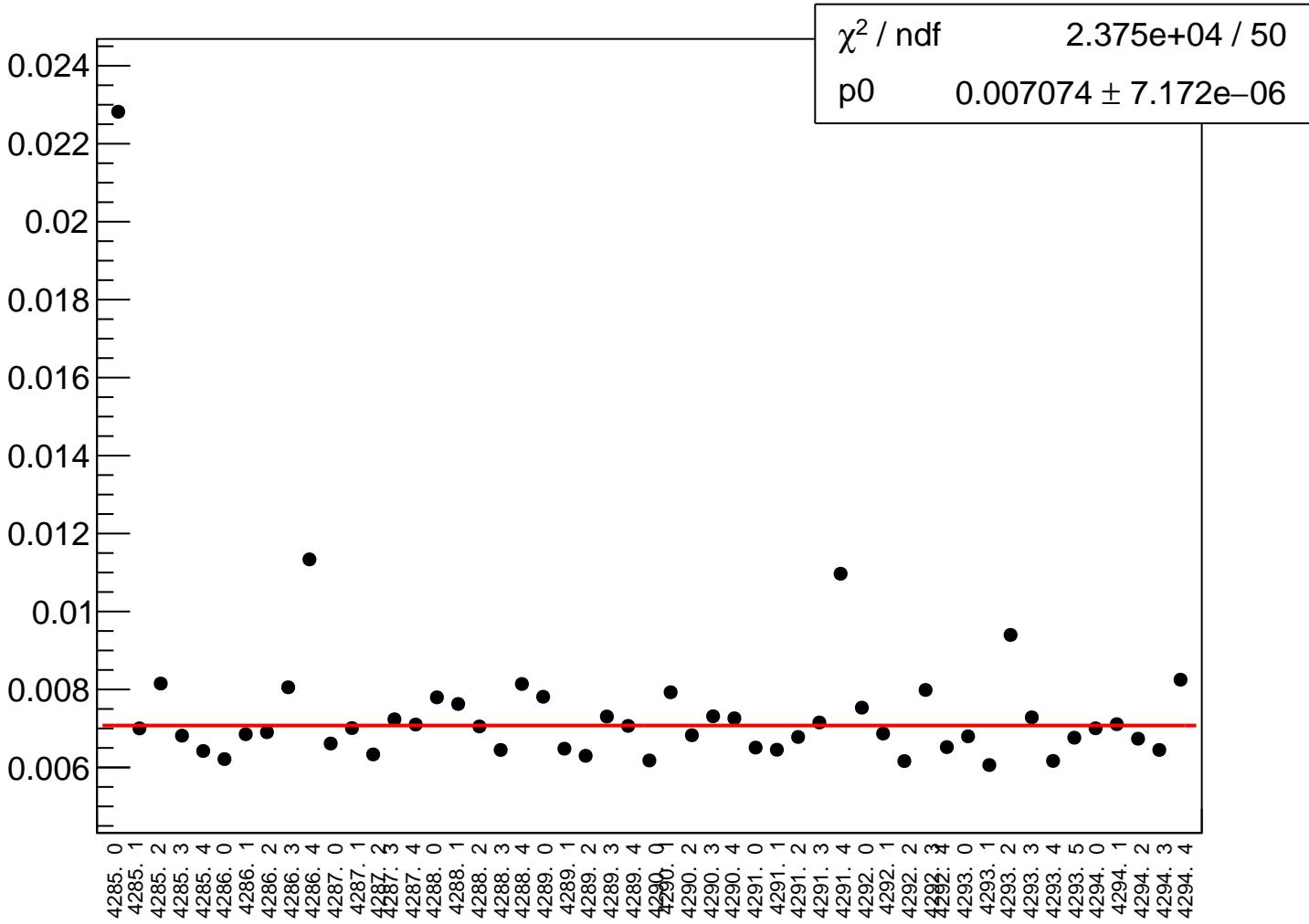
yield_bpm0l04Y_rms vs run



yield_bpm0l05X_mean vs run

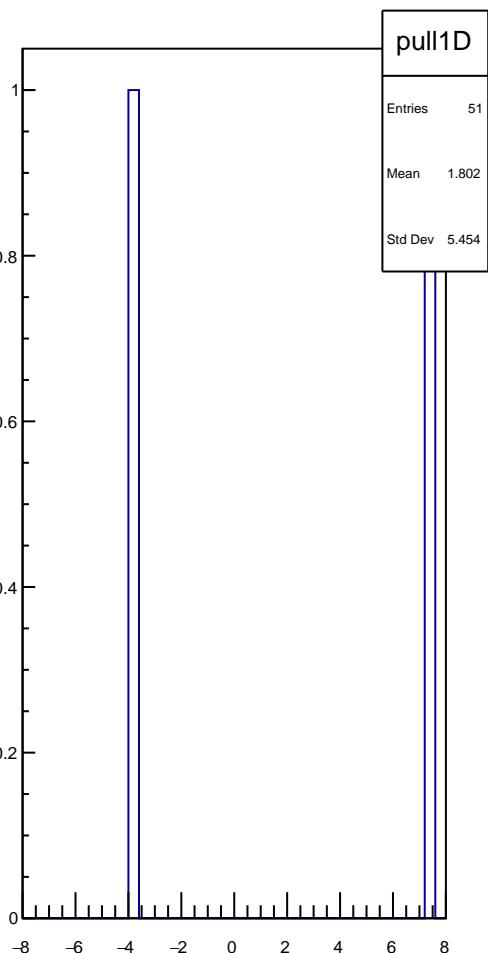
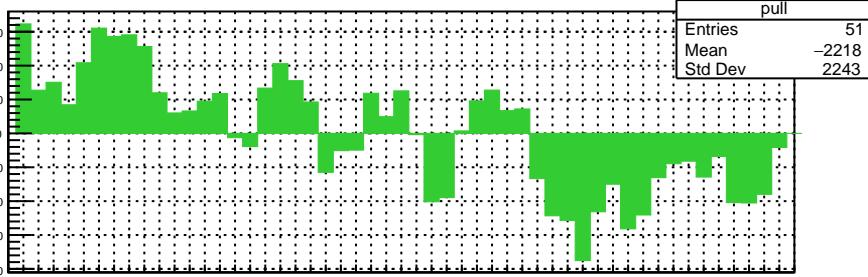
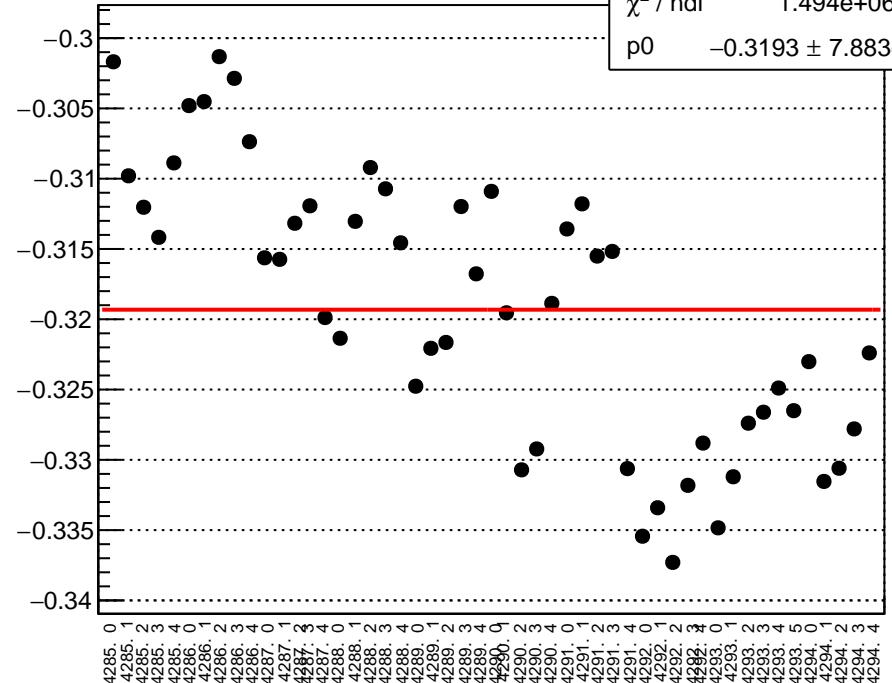


yield_bpm0l05X_rms vs run

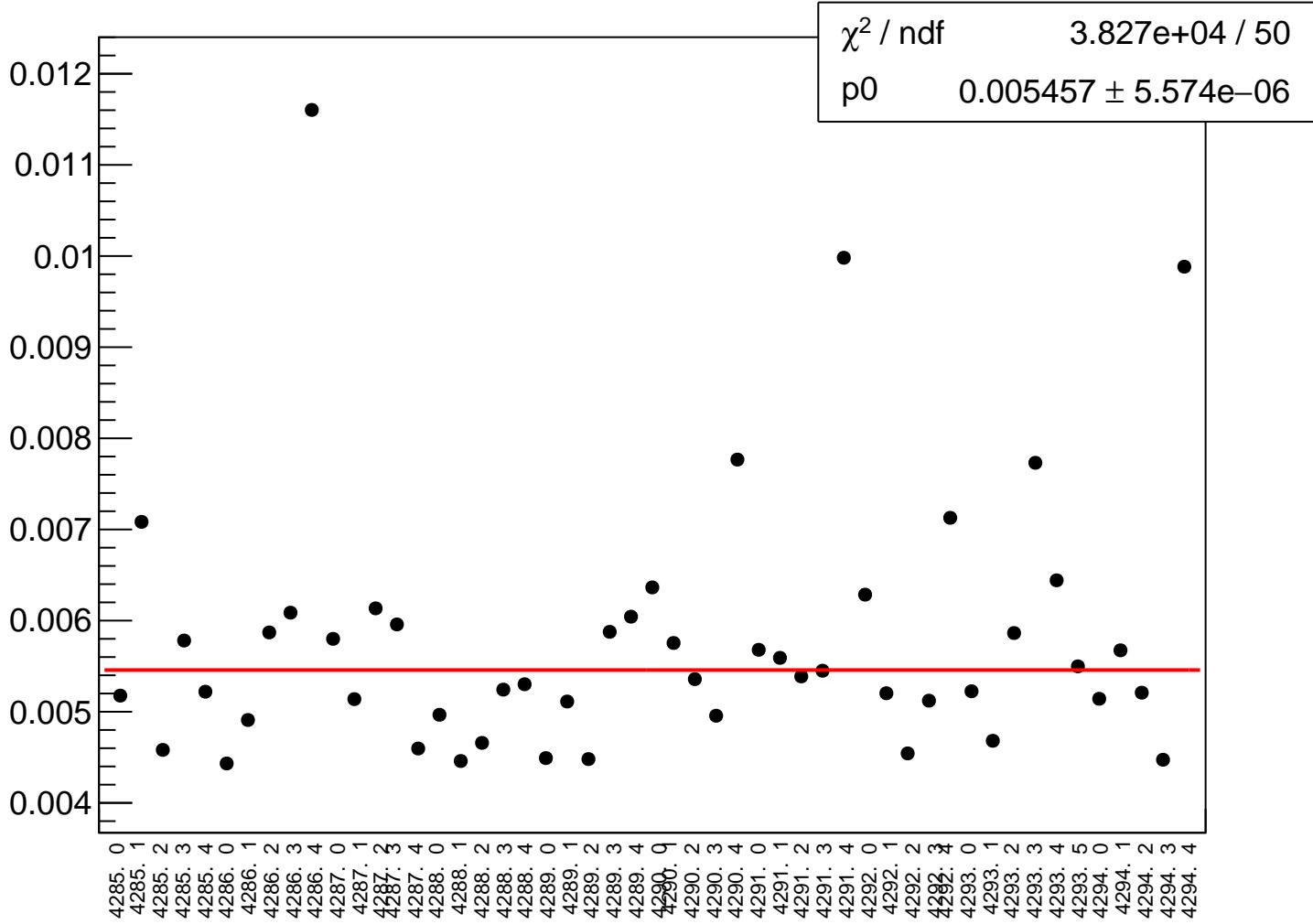


yield_bpm0I05Y_mean vs run

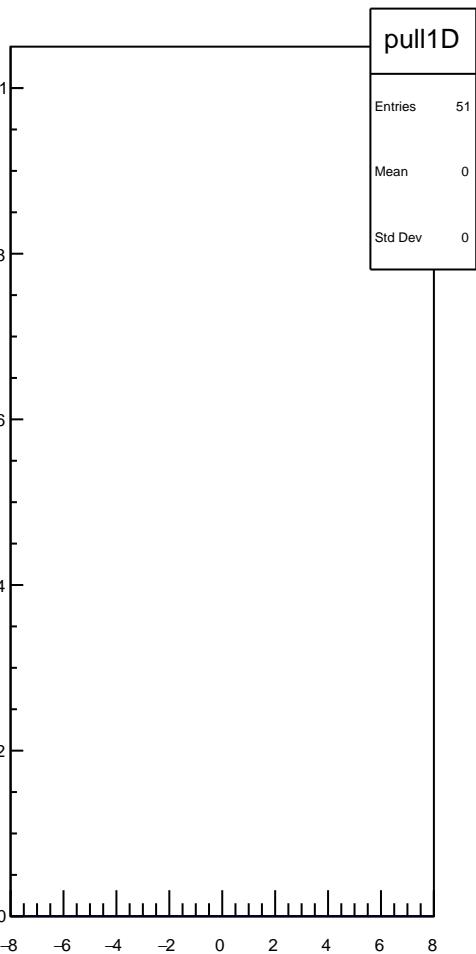
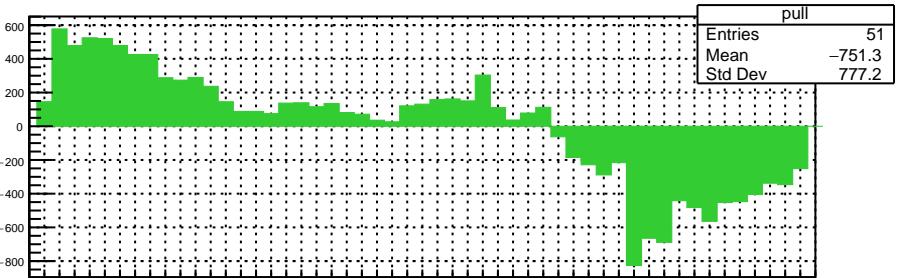
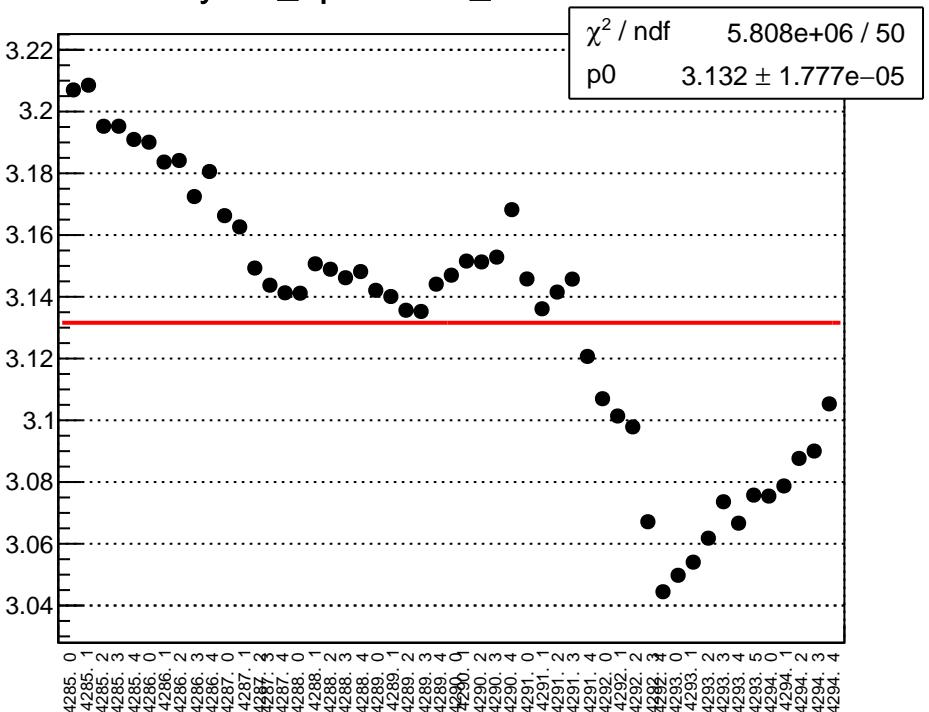
χ^2 / ndf 1.494e+06 / 50
p0 $-0.3193 \pm 7.883\text{e}-06$



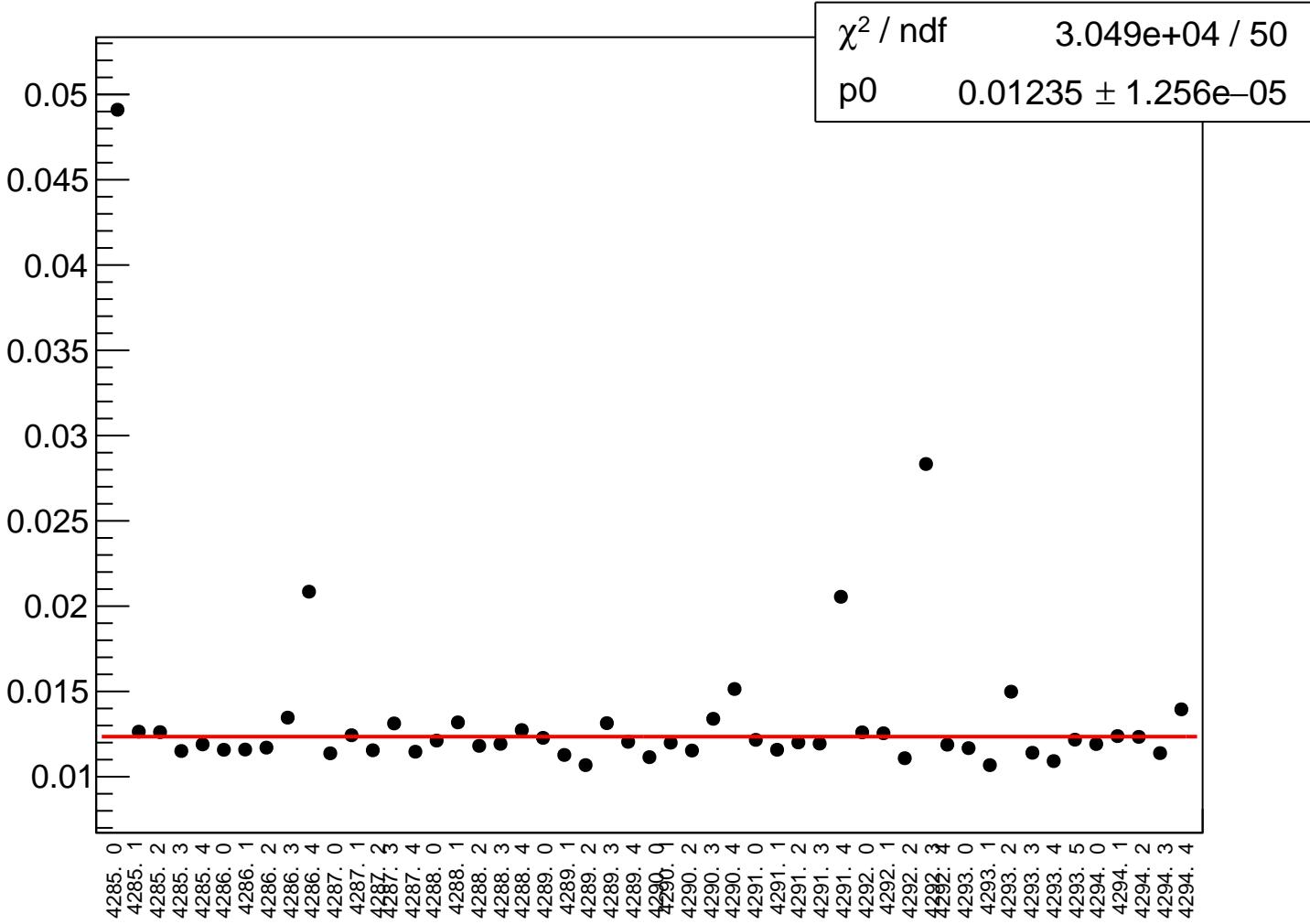
yield_bpm0l05Y_rms vs run



yield_bpm0l06X_mean vs run

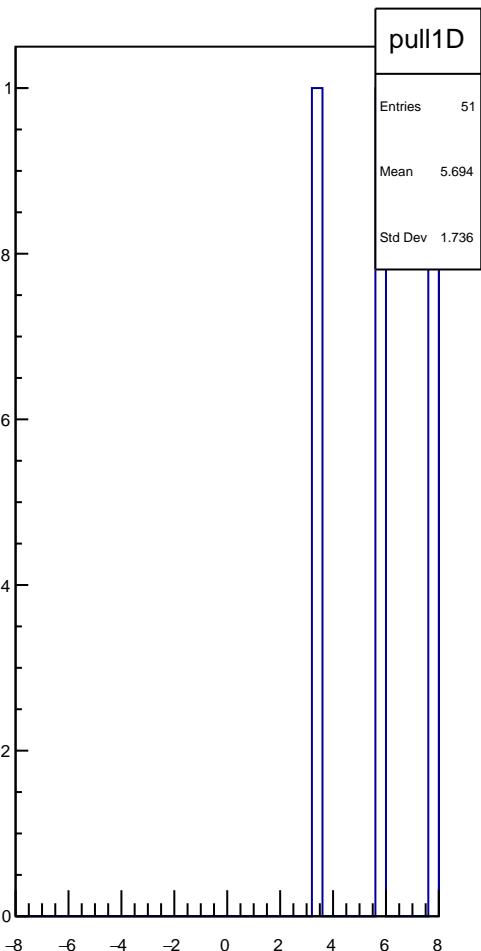
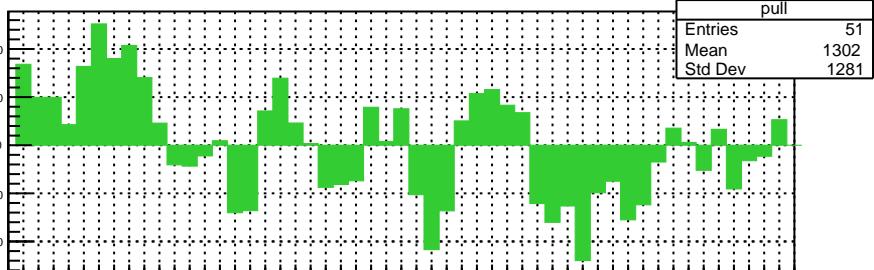
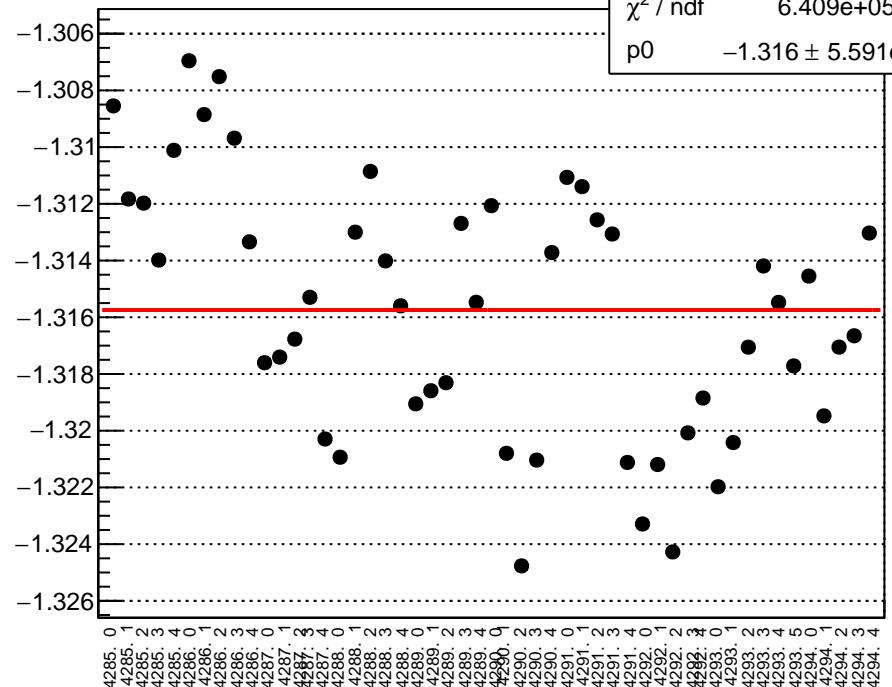


yield_bpm0l06X_rms vs run

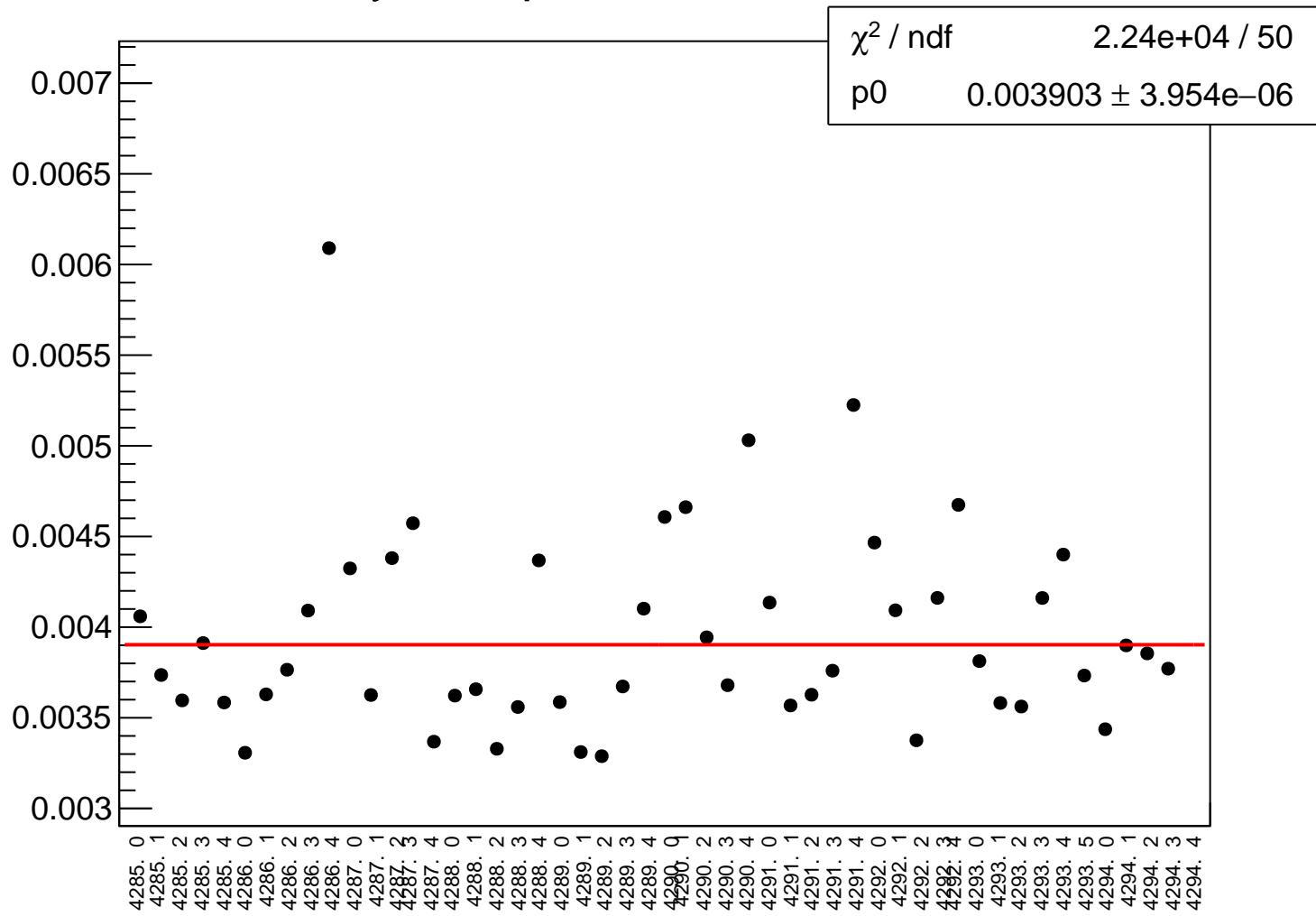


yield_bpm0I06Y_mean vs run

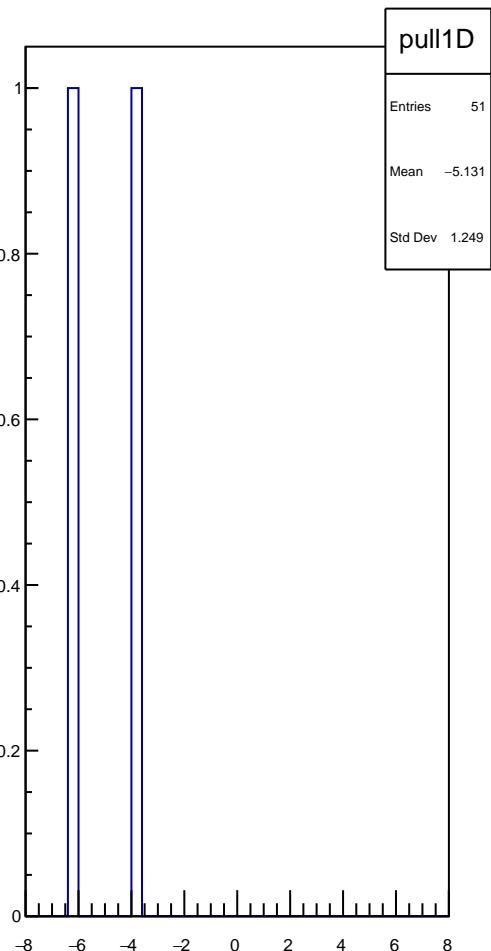
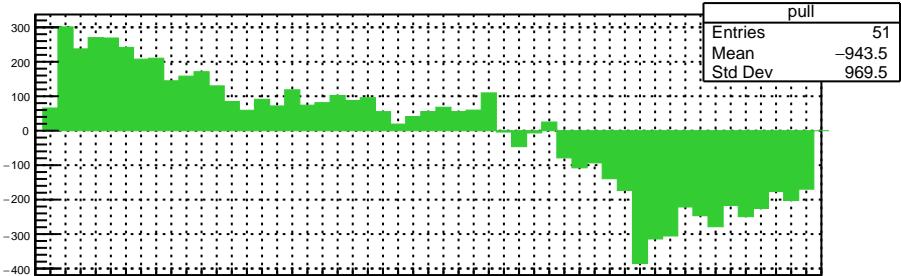
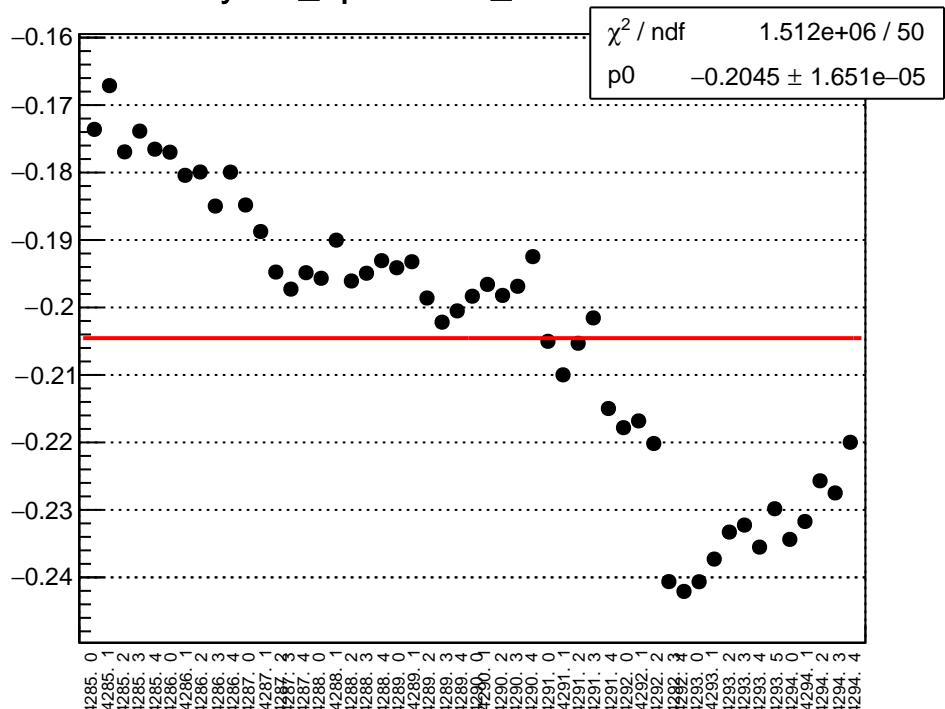
χ^2 / ndf 6.409e+05 / 50
 $p0$ $-1.316 \pm 5.591\text{e}{-06}$



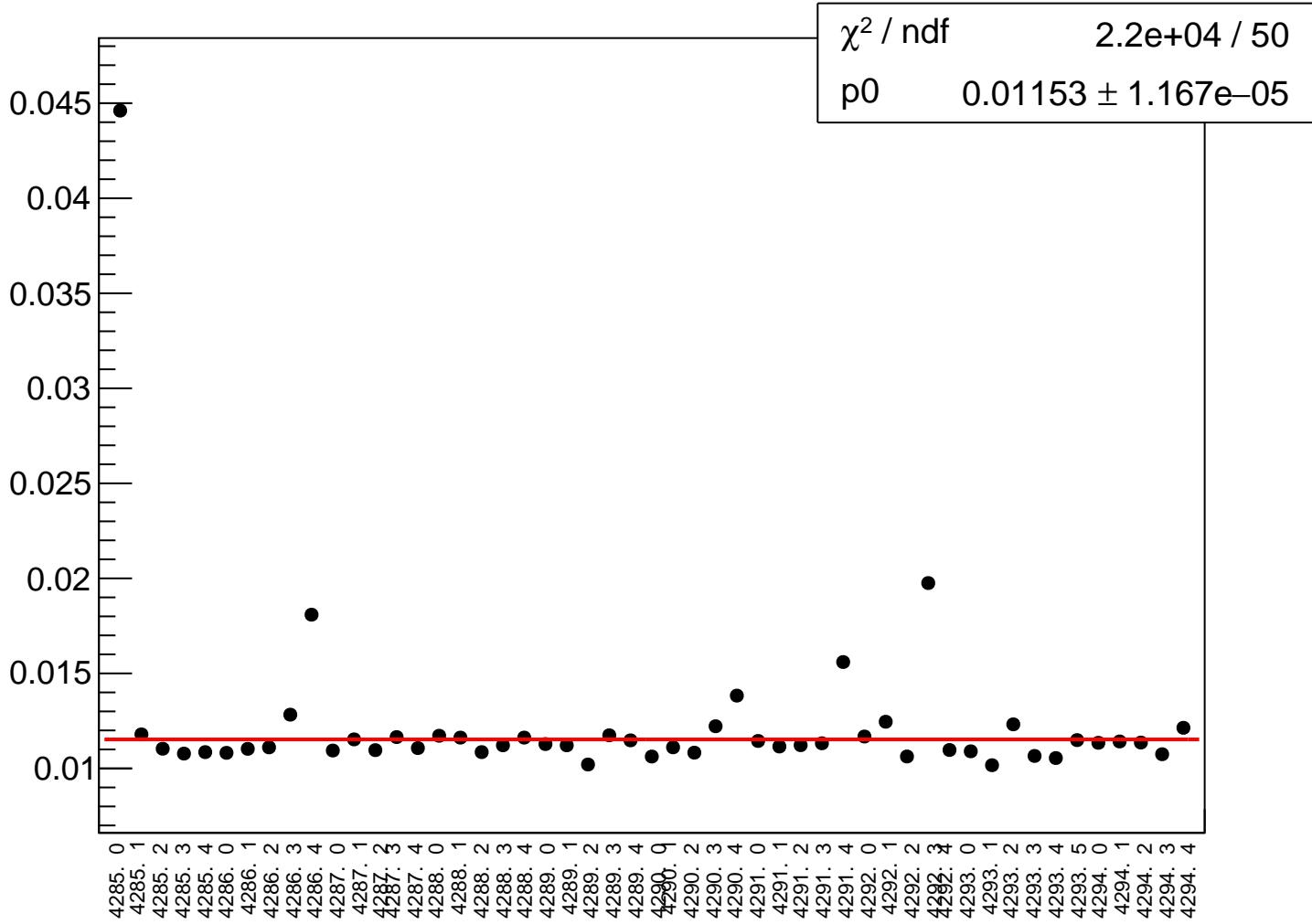
yield_bpm0l06Y_rms vs run



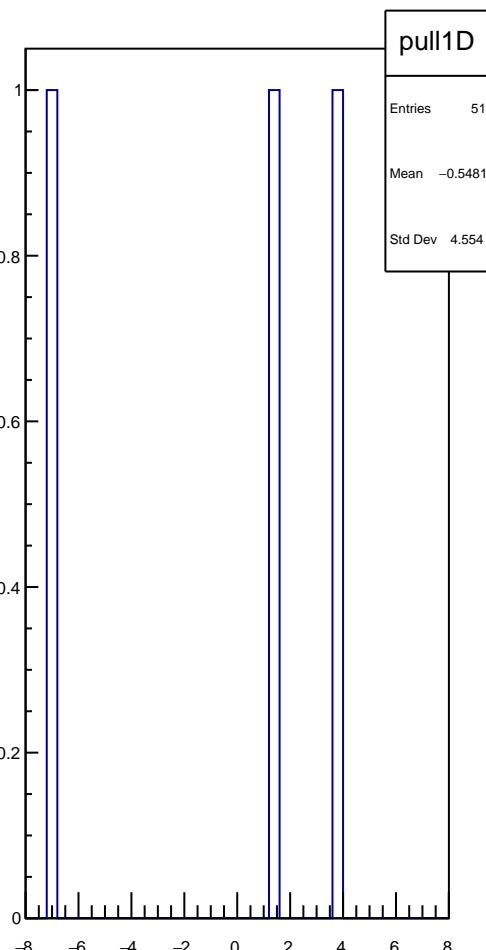
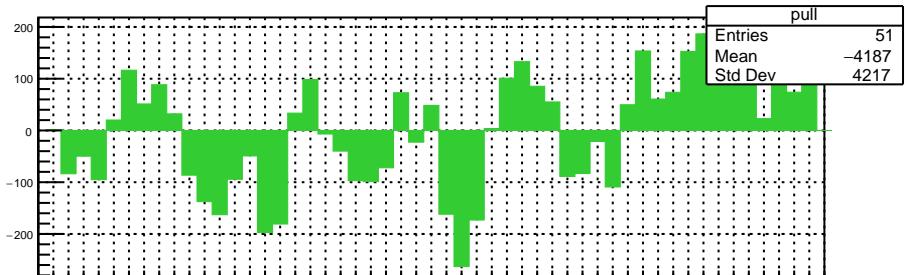
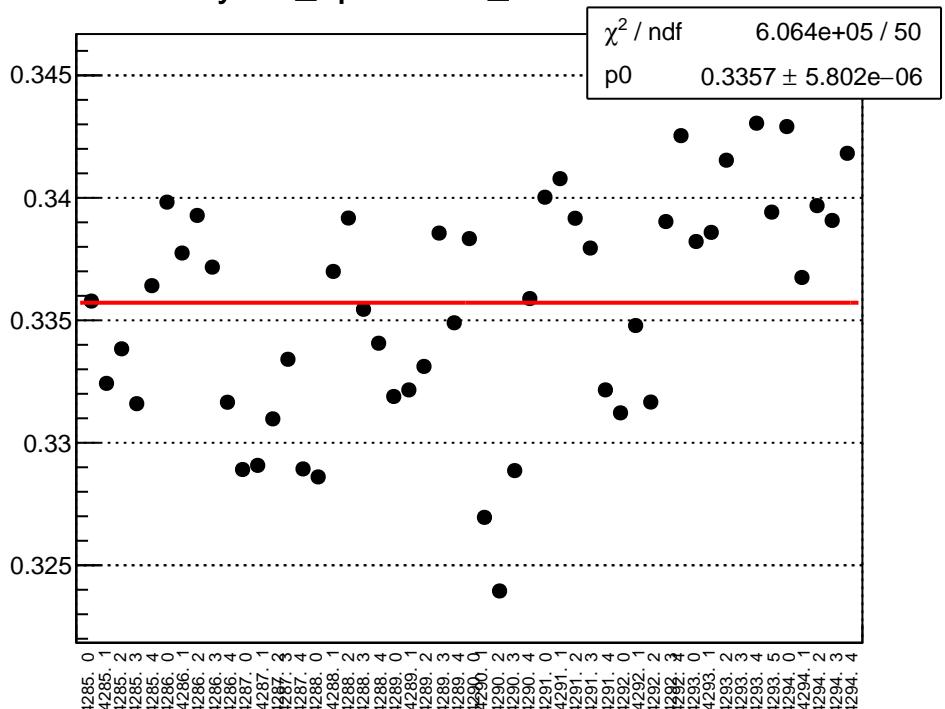
yield_bpm0I07X_mean vs run



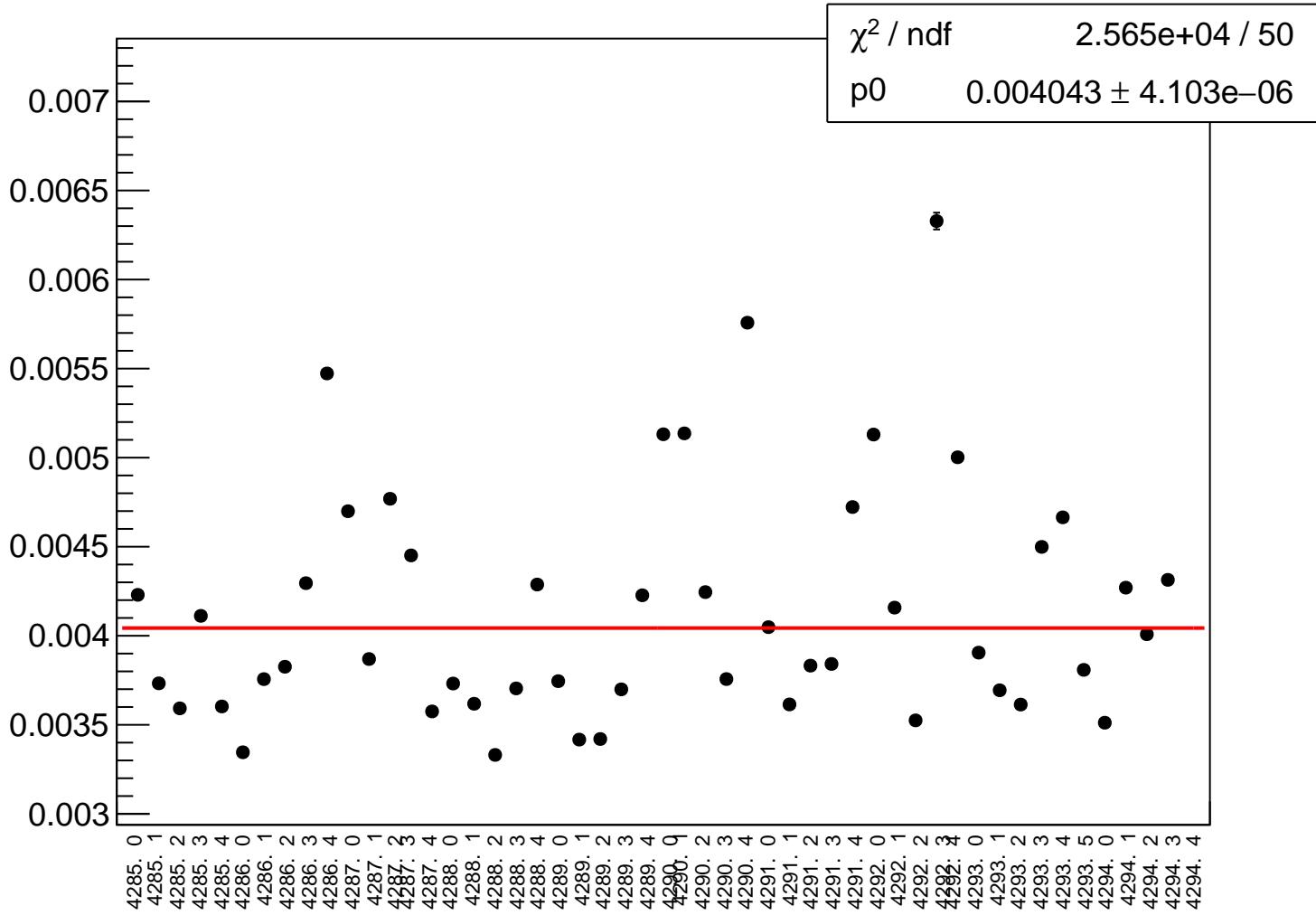
yield_bpm0l07X_rms vs run



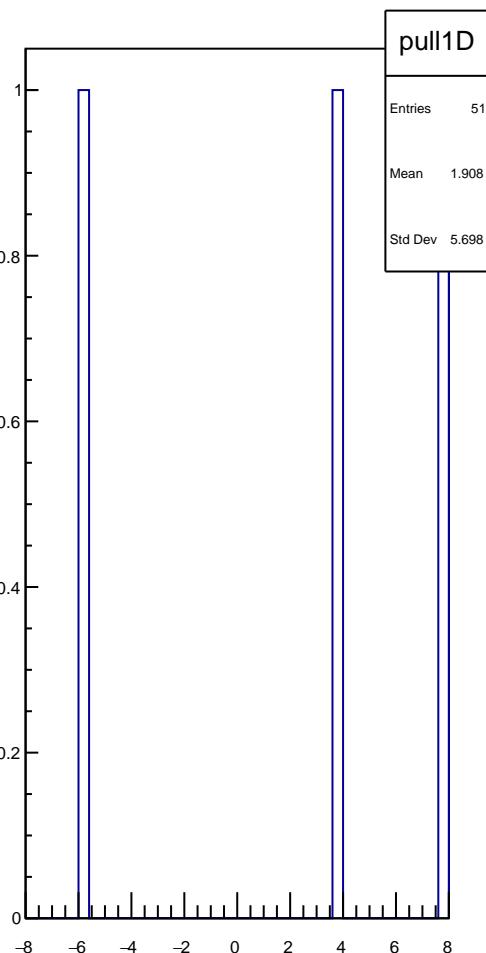
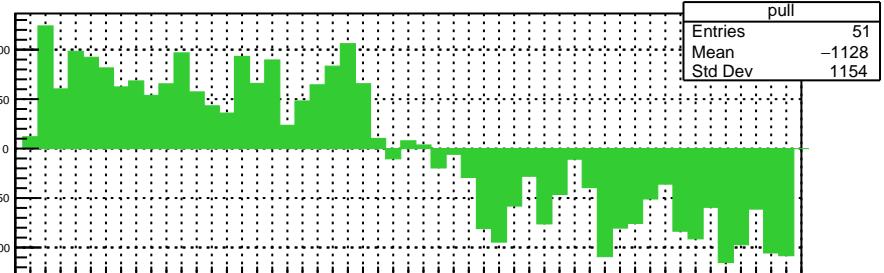
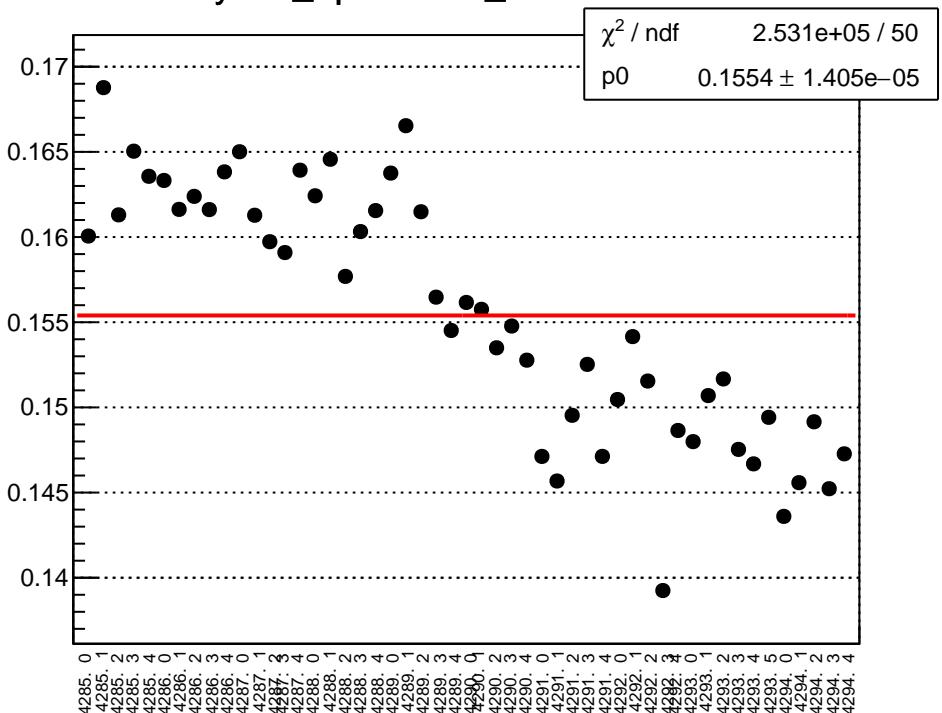
yield_bpm0I07Y_mean vs run



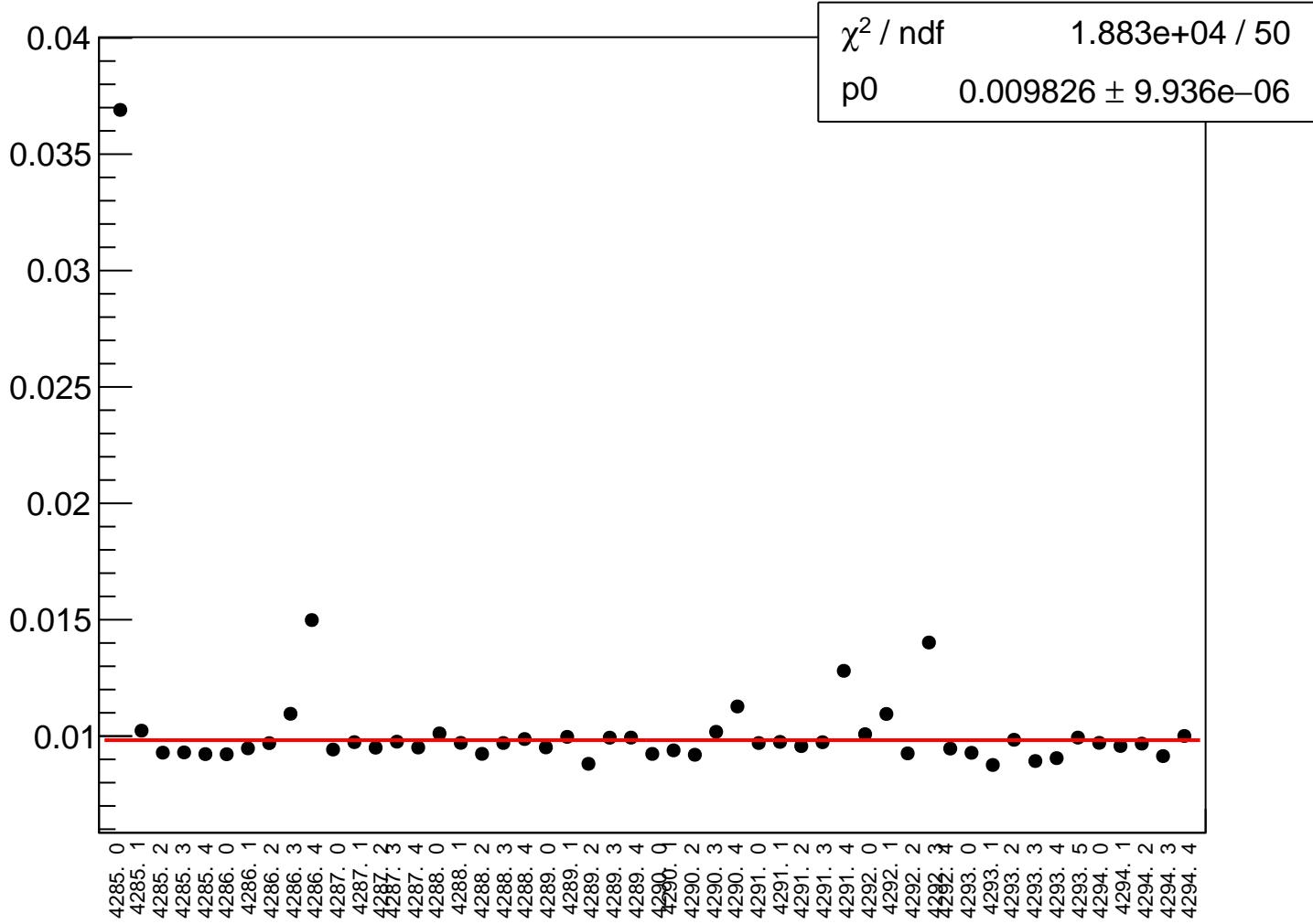
yield_bpm0l07Y_rms vs run



yield_bpm0l08X_mean vs run

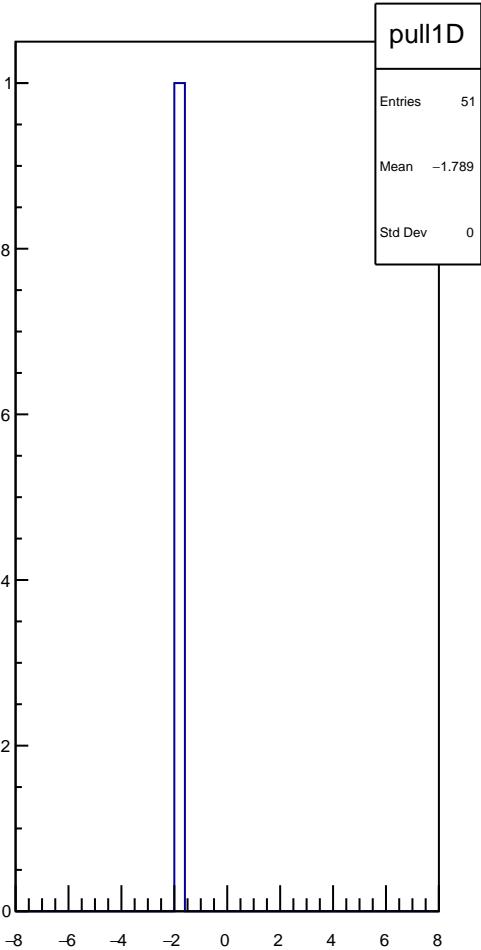
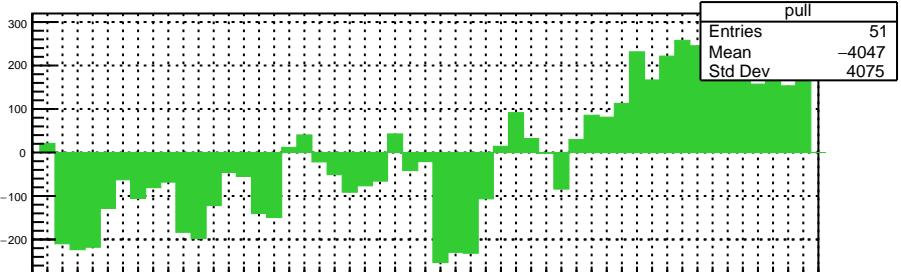
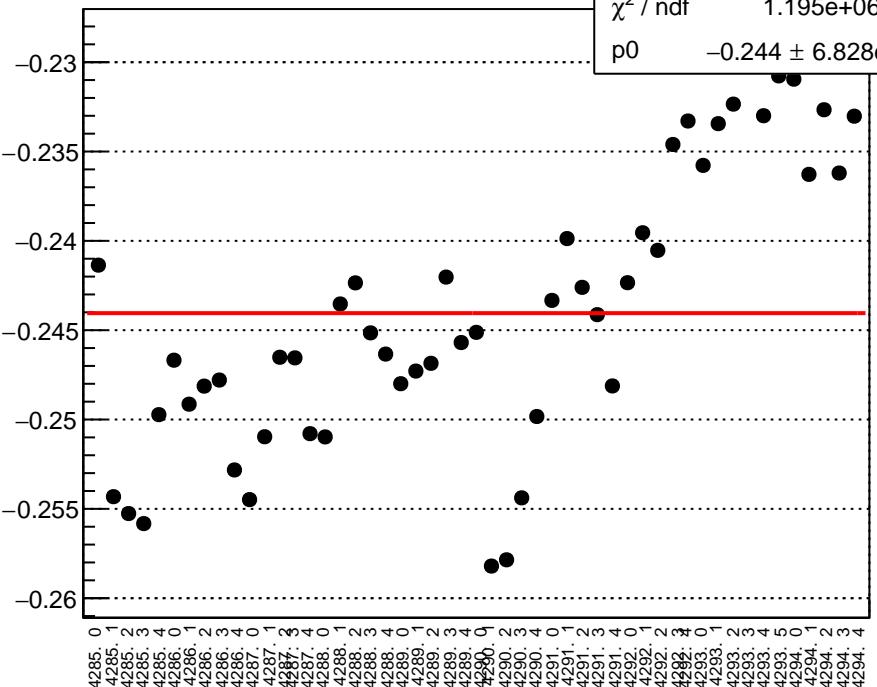


yield_bpm0l08X_rms vs run

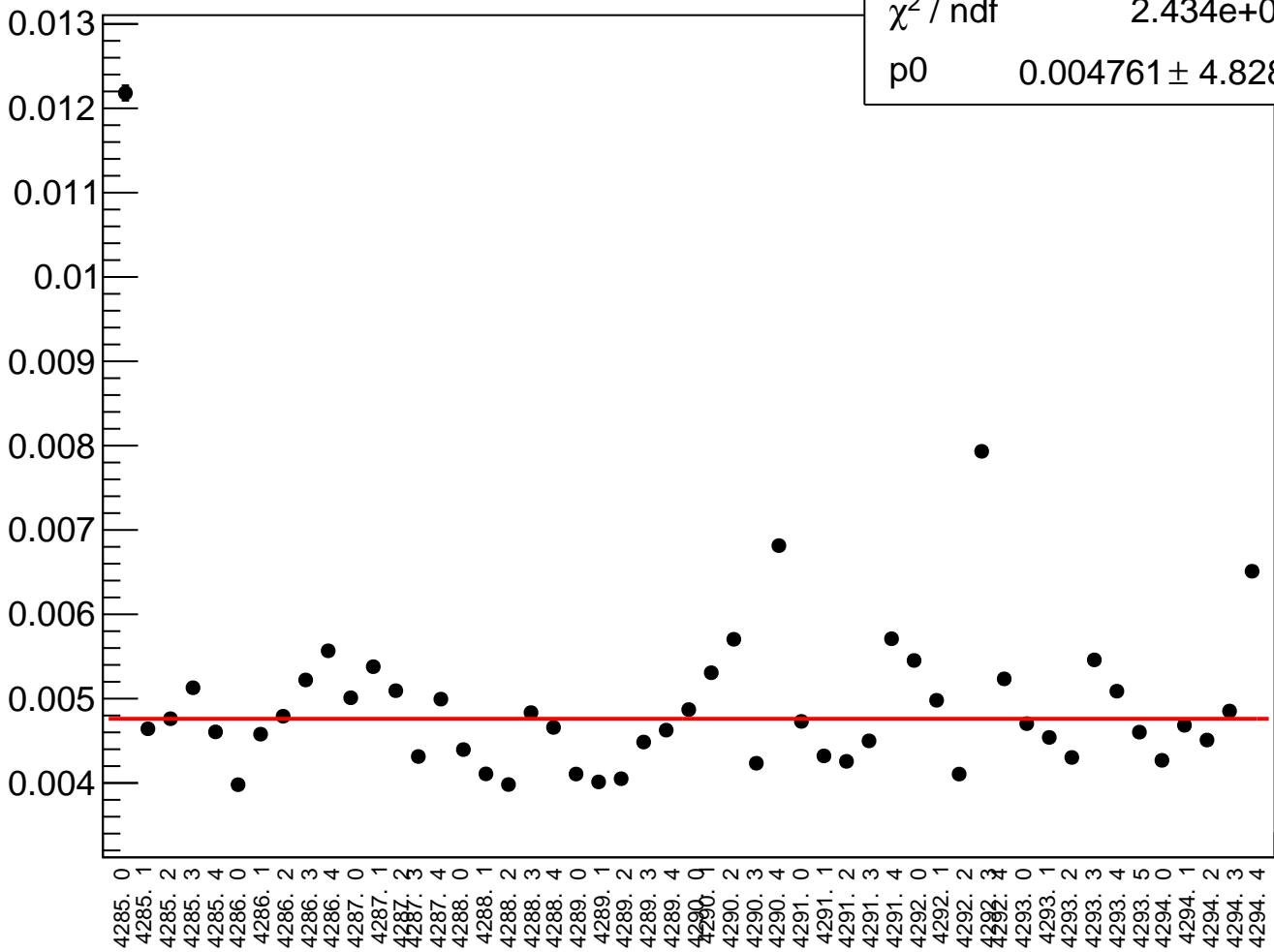
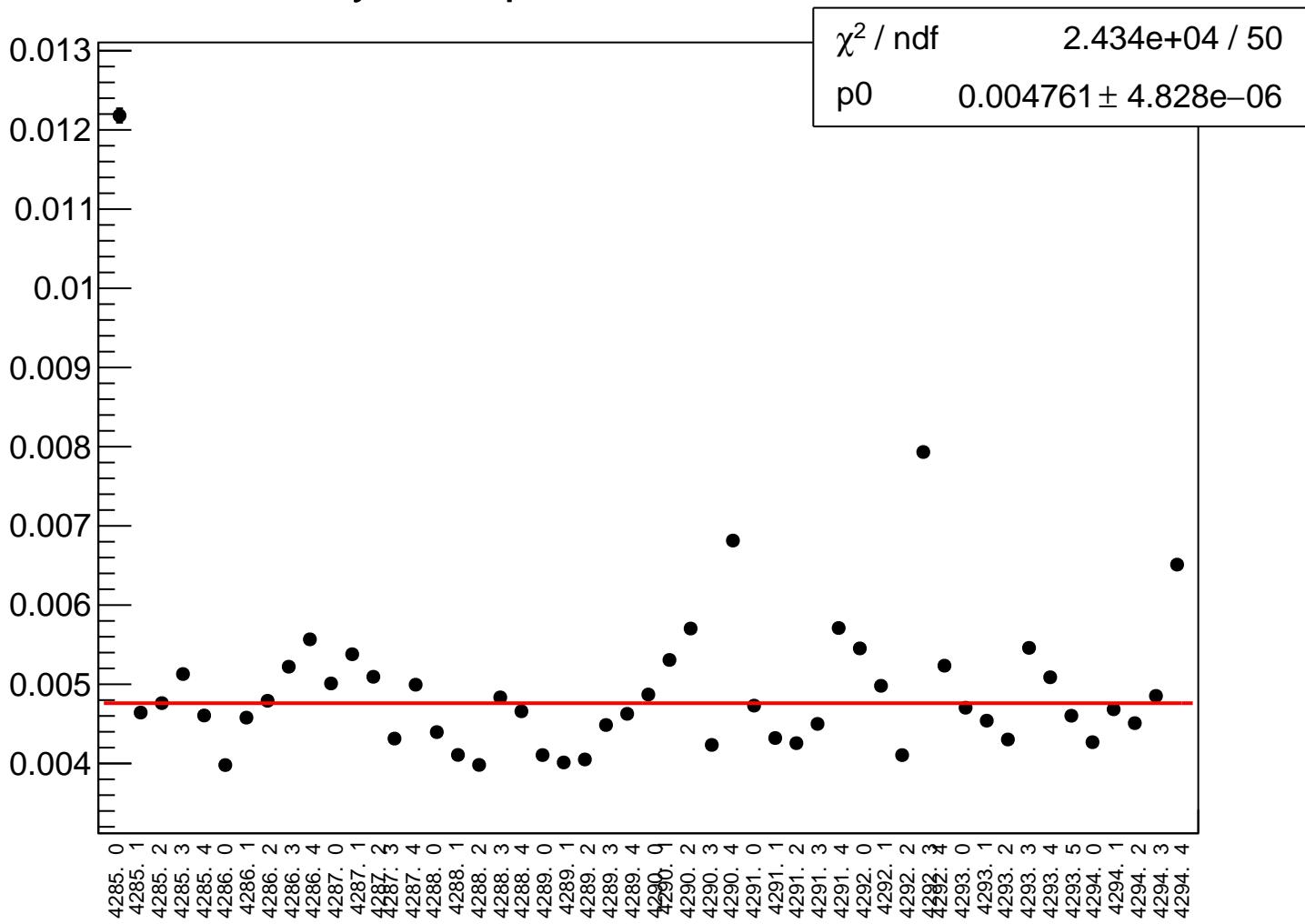


yield_bpm0l08Y_mean vs run

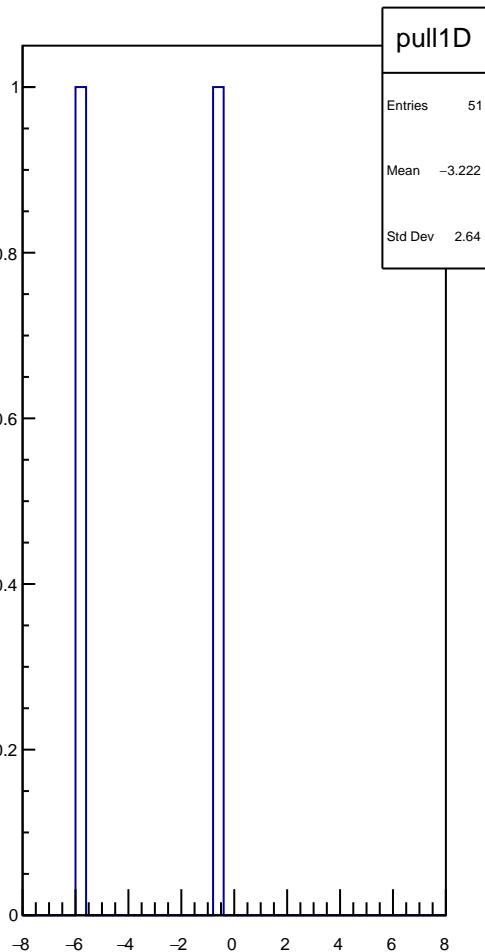
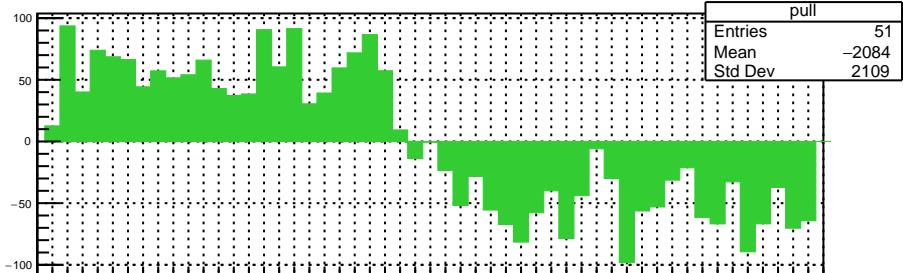
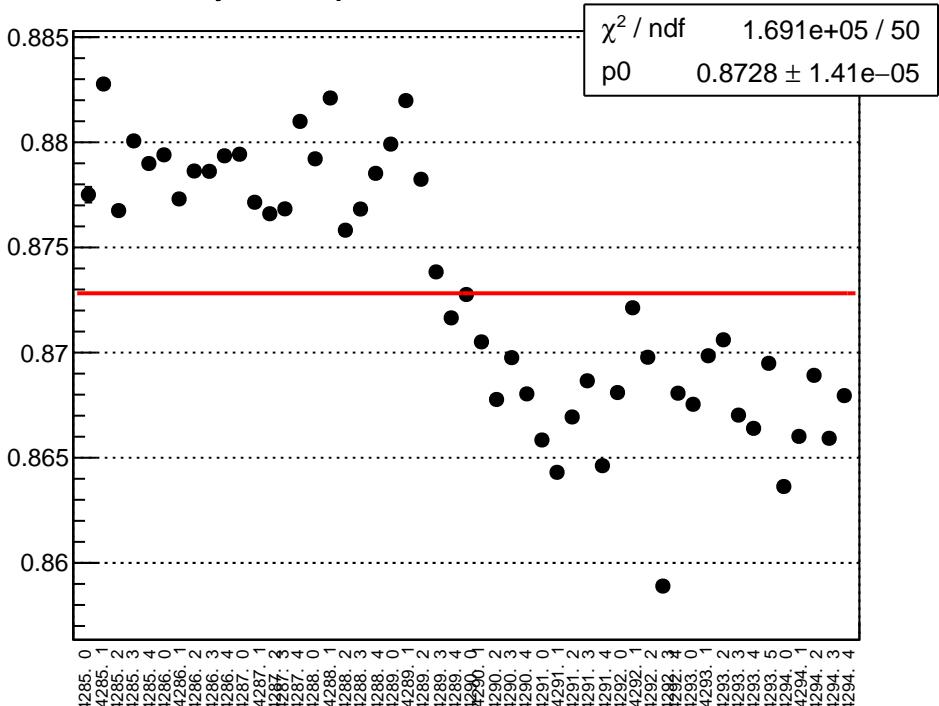
χ^2 / ndf 1.195e+06 / 50
 $p0$ $-0.244 \pm 6.828\text{e}-06$



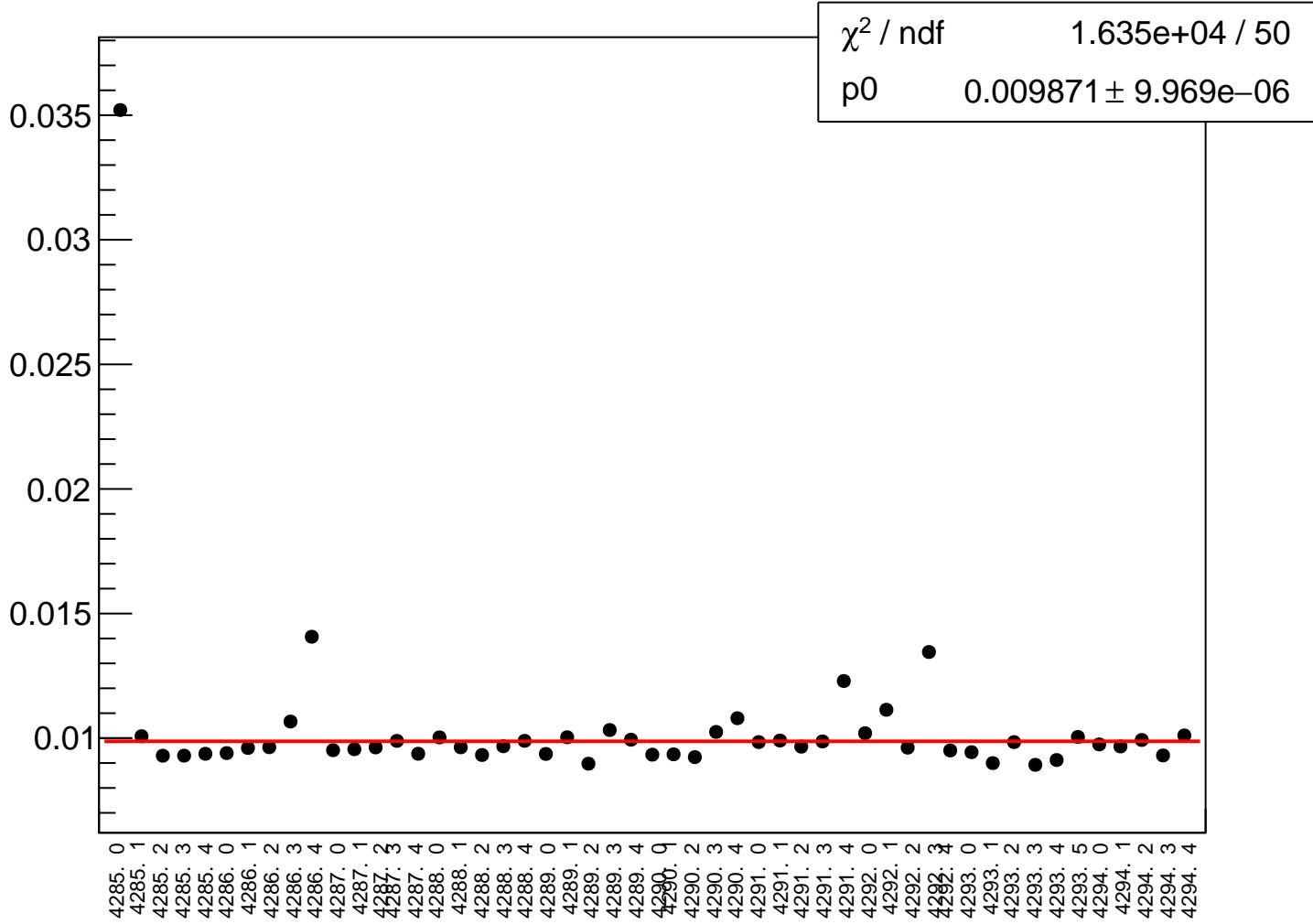
yield_bpm0l08Y_rms vs run



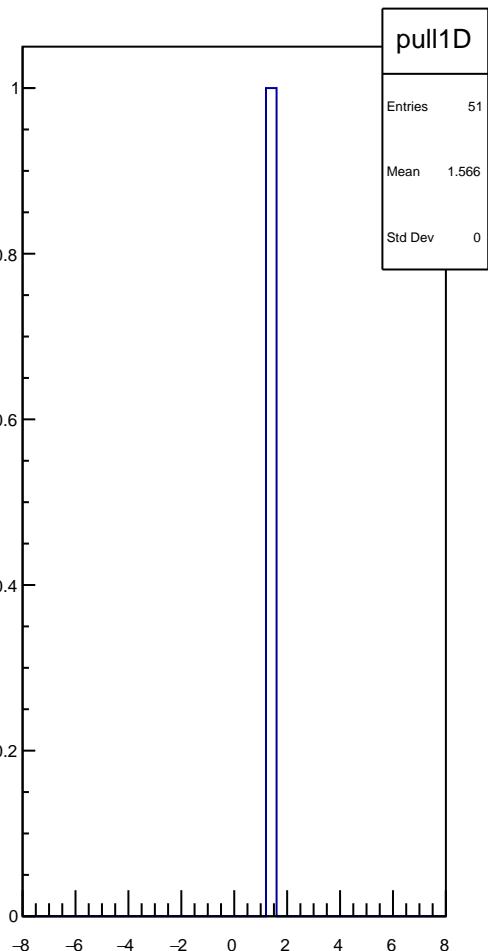
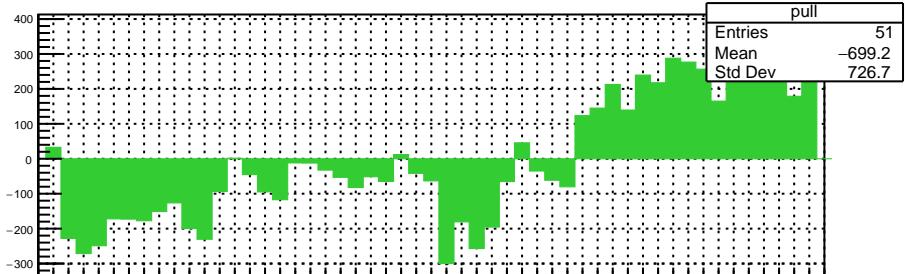
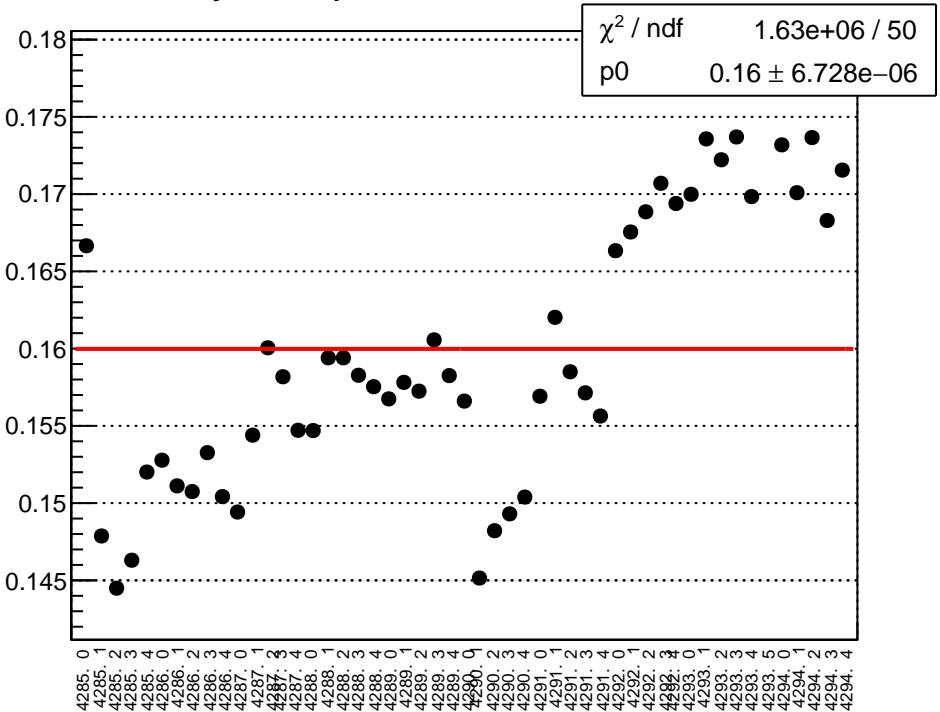
yield_bpm0l09X_mean vs run



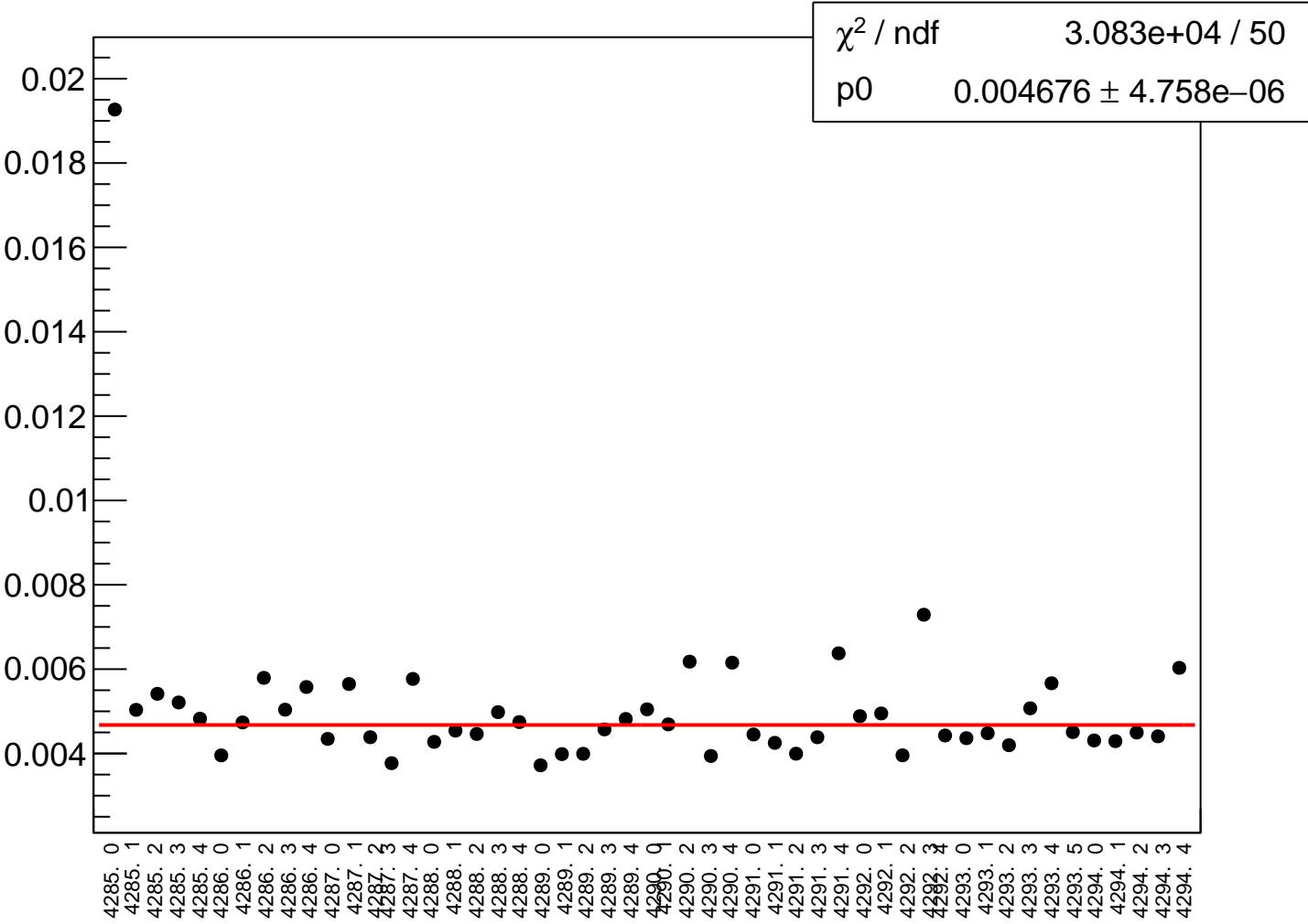
yield_bpm0l09X_rms vs run



yield_bpm0I09Y_mean vs run

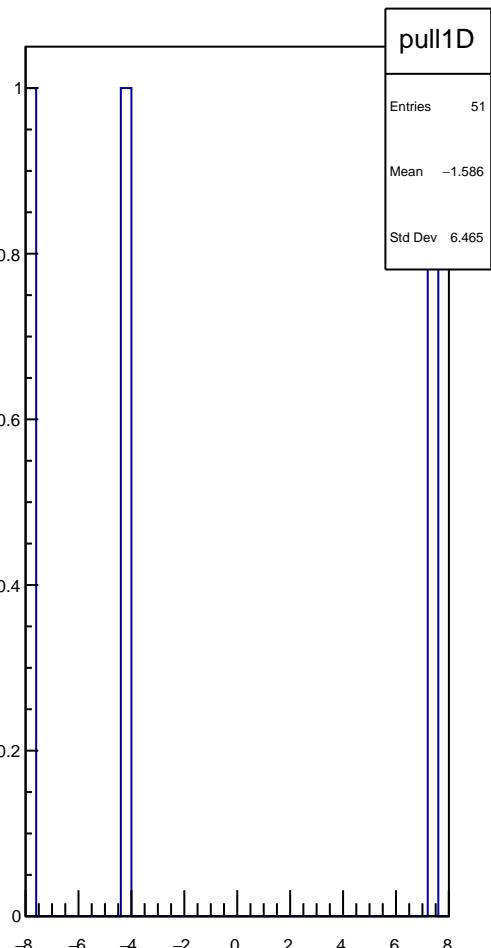
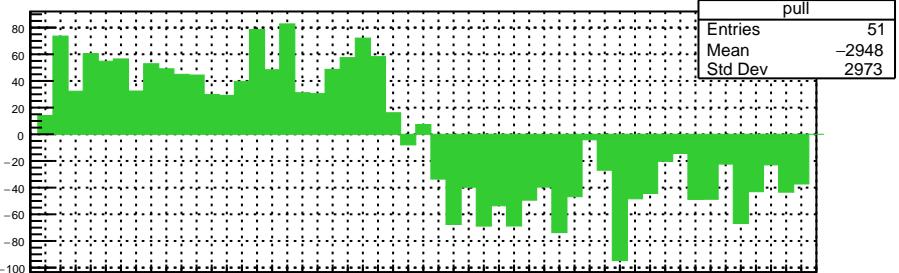
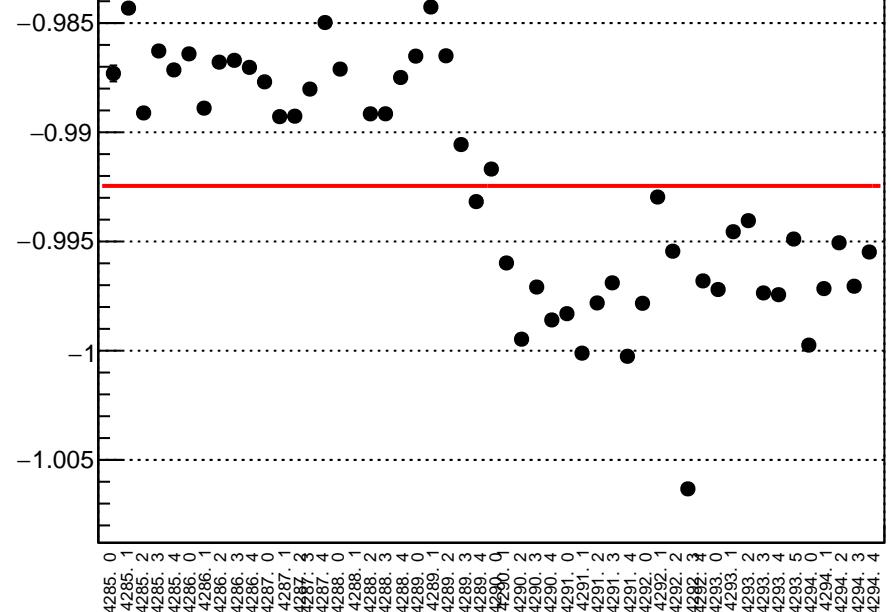


yield_bpm0l09Y_rms vs run

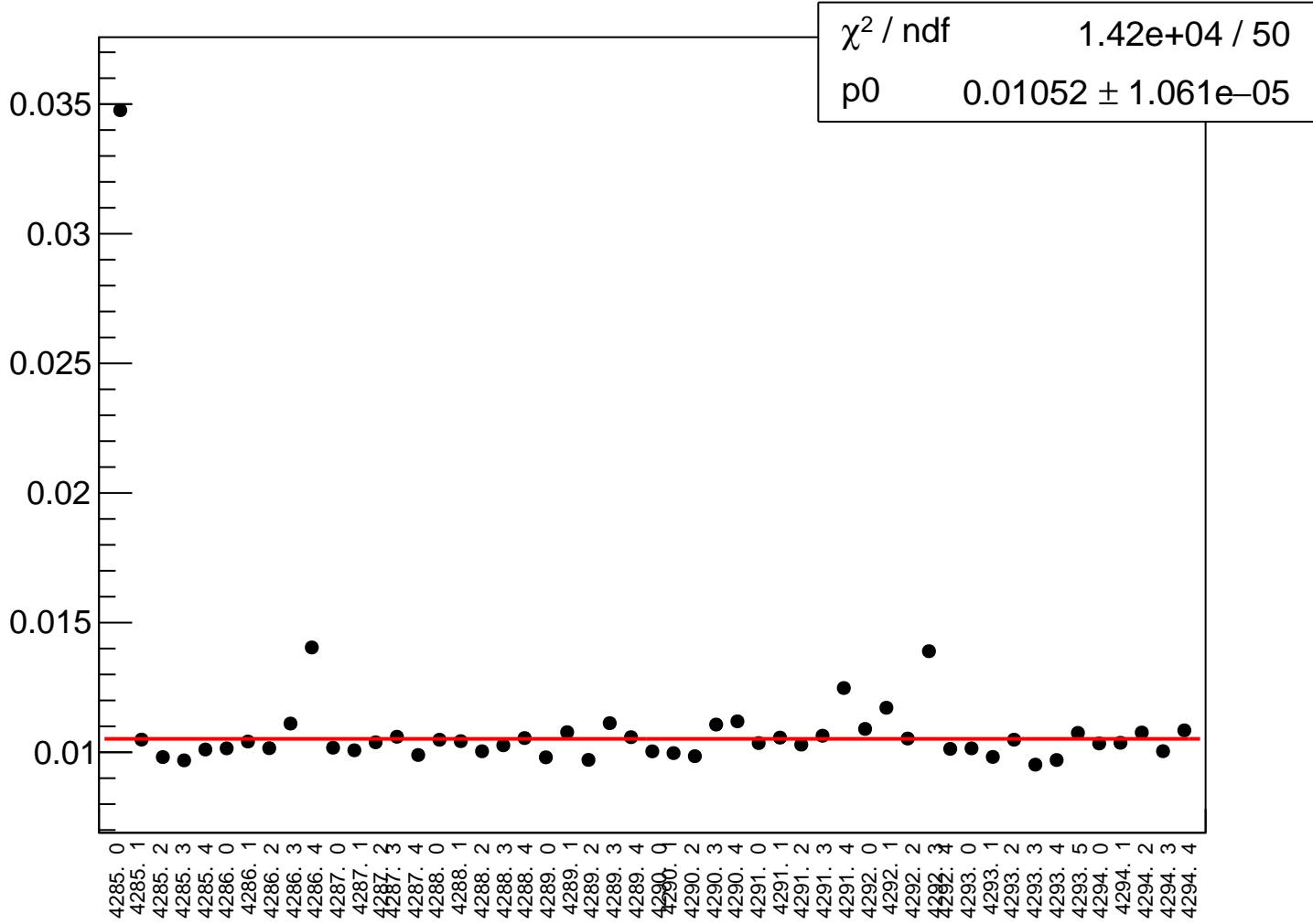


yield_bpm0l10X_mean vs run

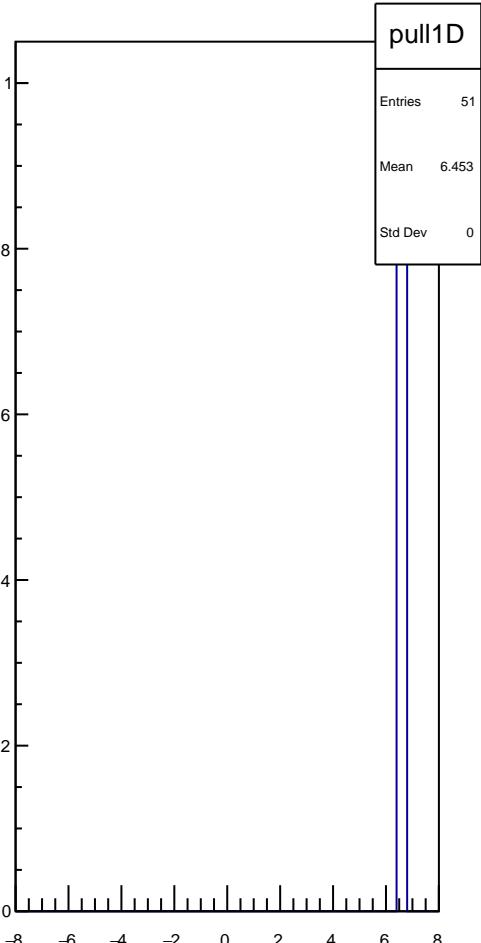
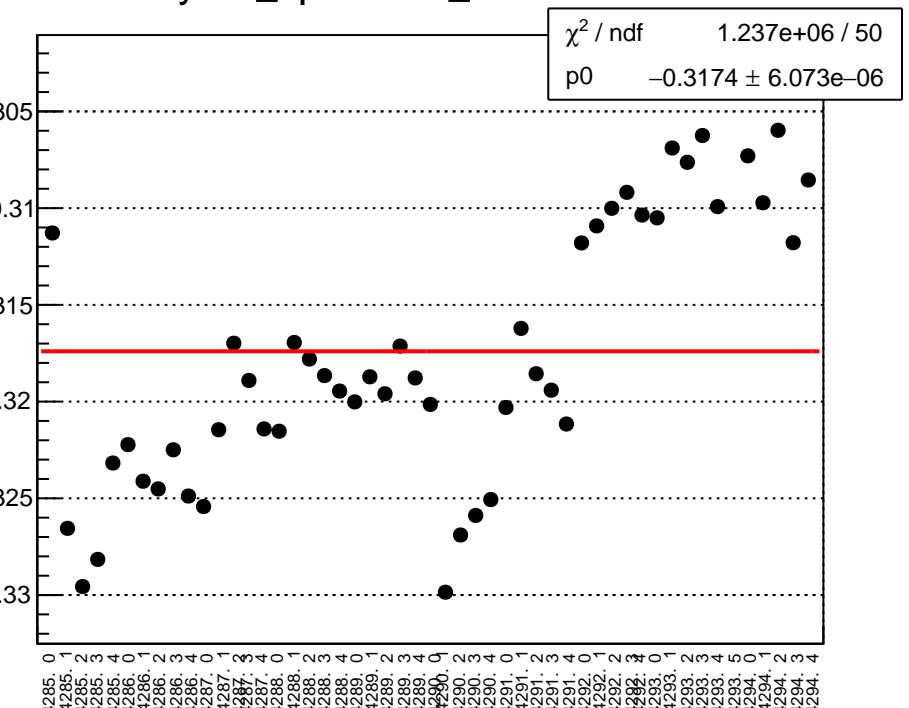
χ^2 / ndf 1.232e+05 / 50
p0 $-0.9925 \pm 1.501\text{e}-05$



yield_bpm0l10X_rms vs run



yield_bpm0I10Y_mean vs run



yield_bpm0l10Y_rms vs run

