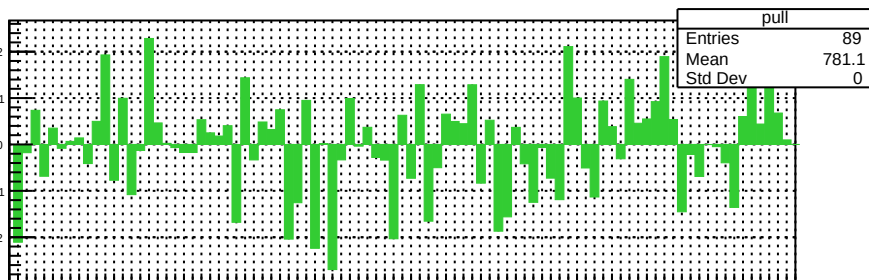
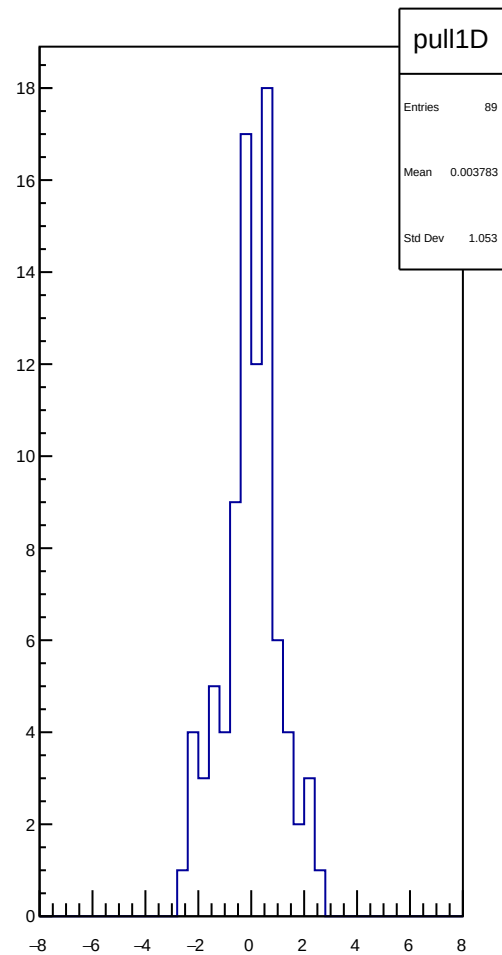
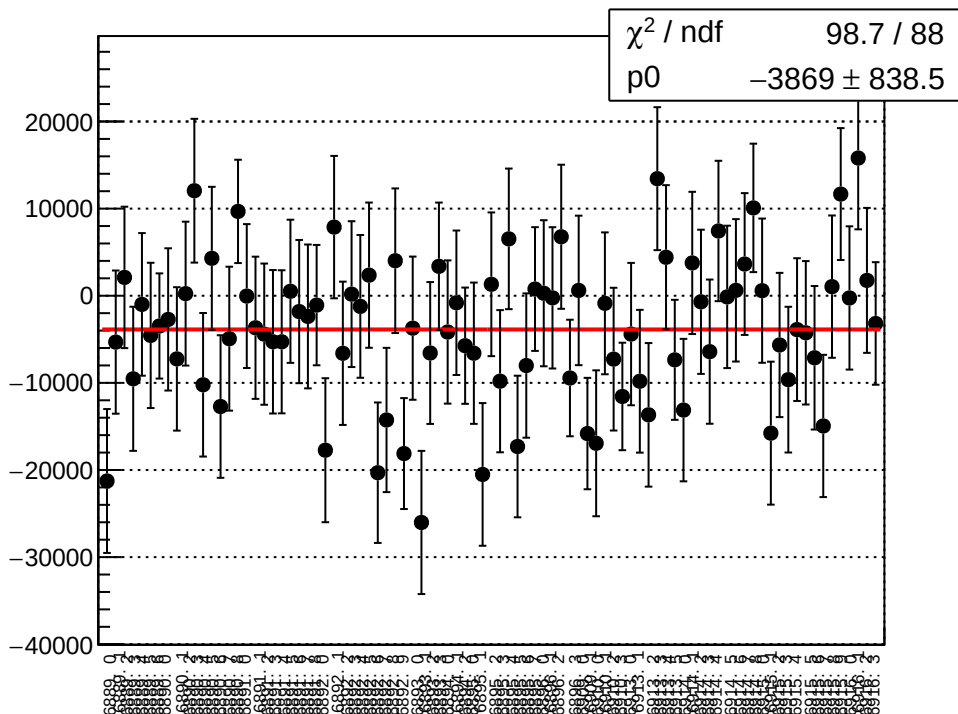
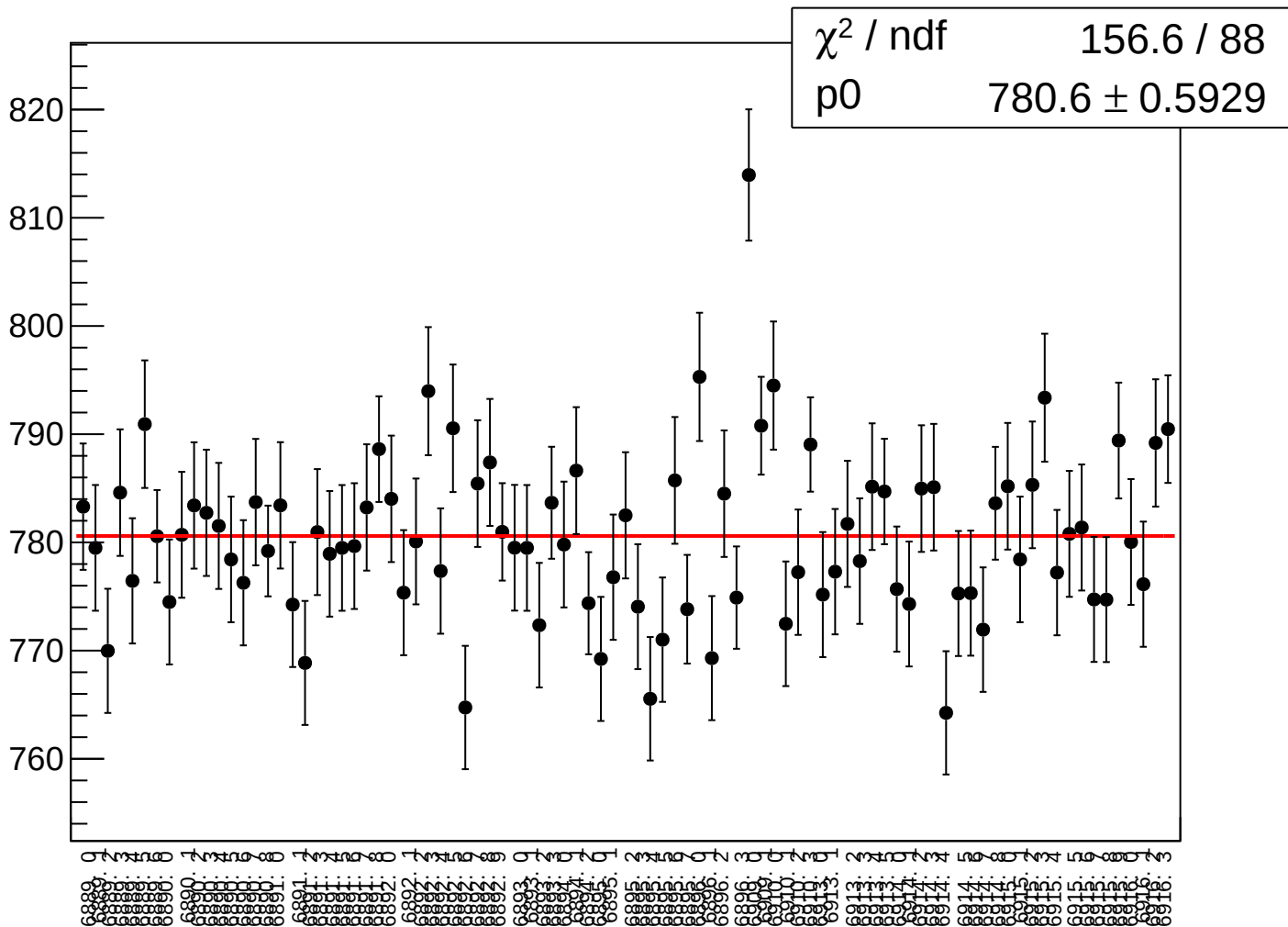


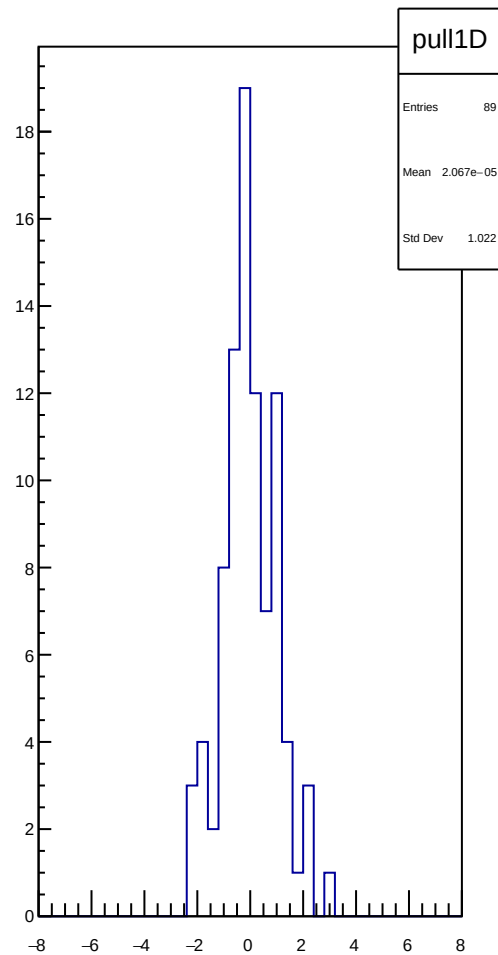
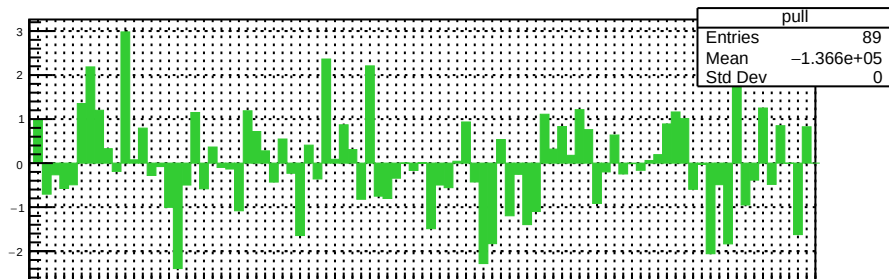
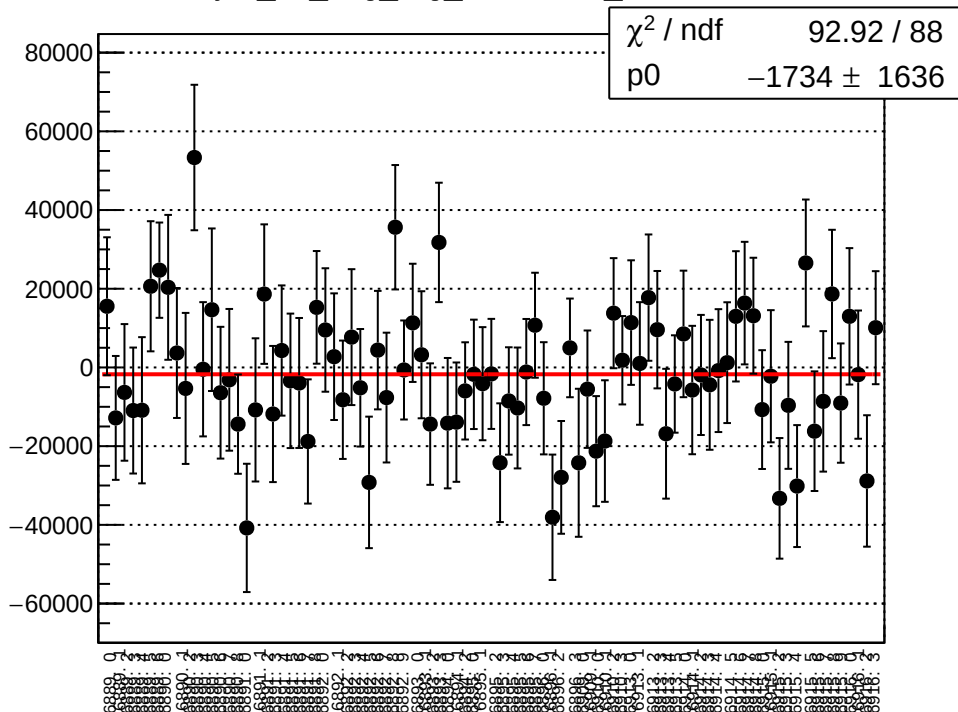
reg_asym_us_avg_mean vs run



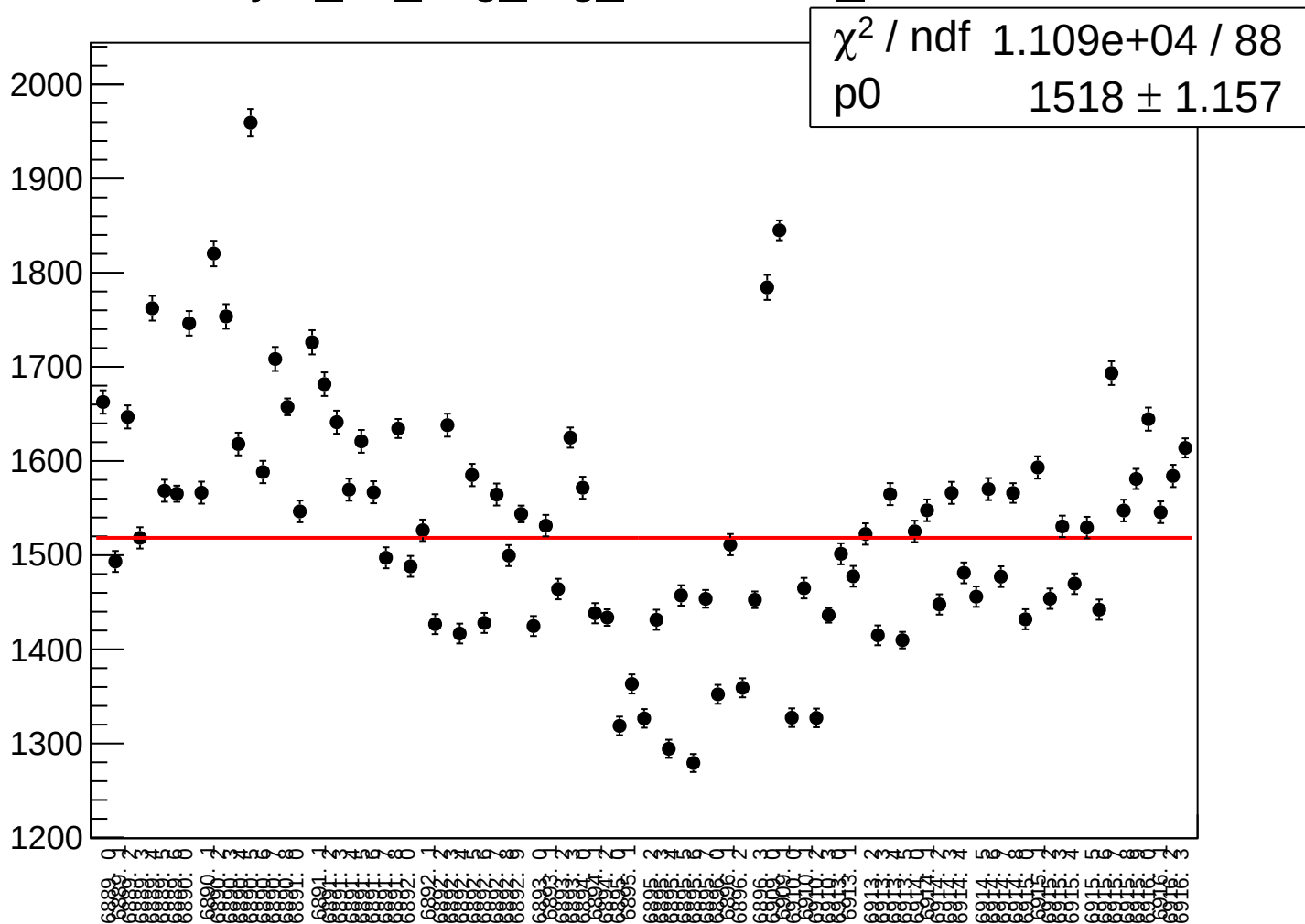
reg_asym_us_avg_rms vs run



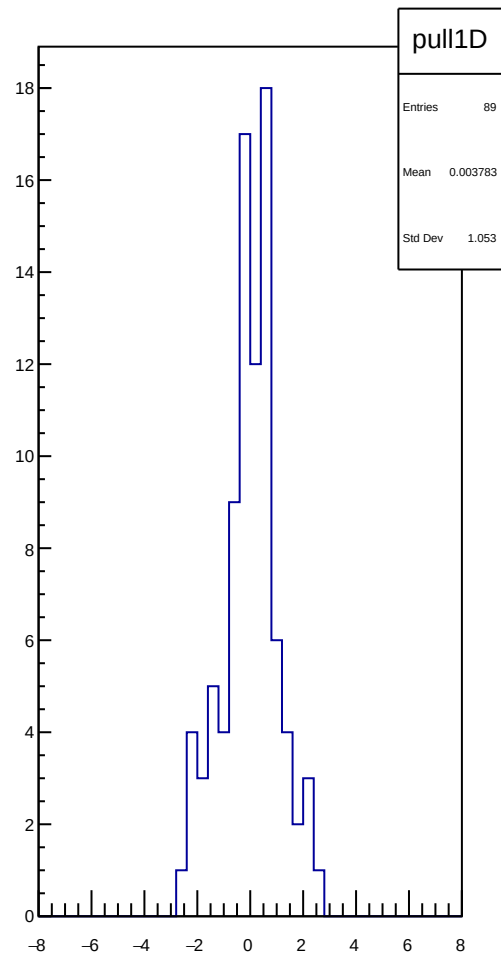
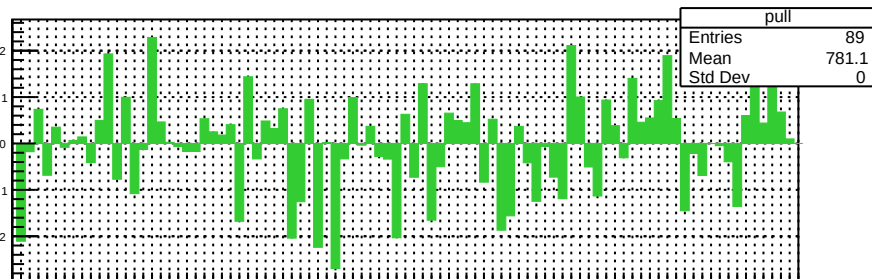
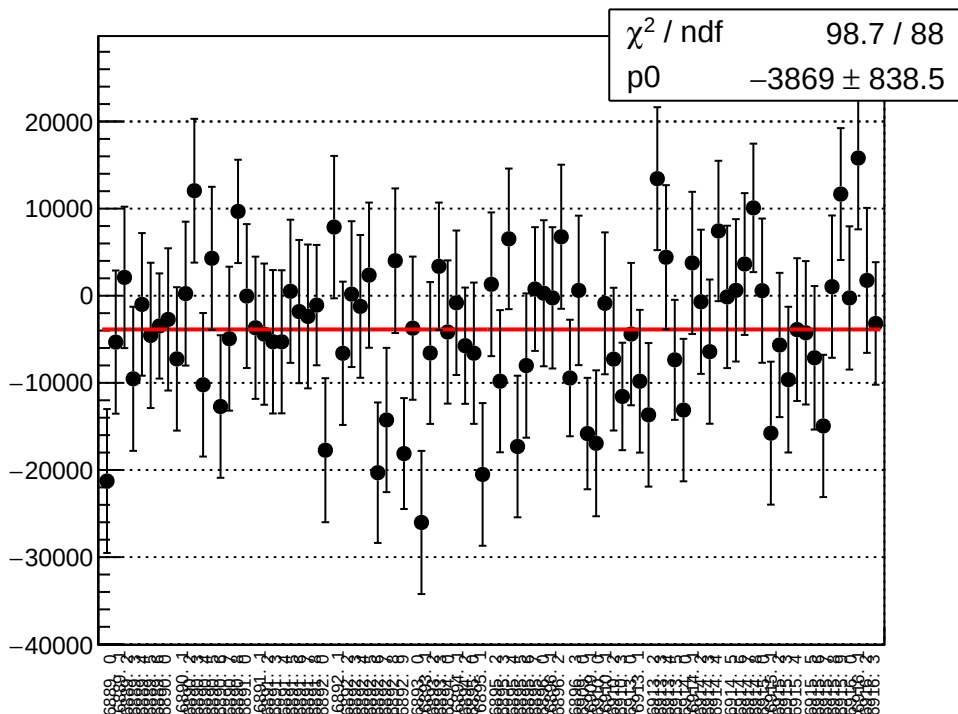
asym_us_avg_reg_correction_mean vs run



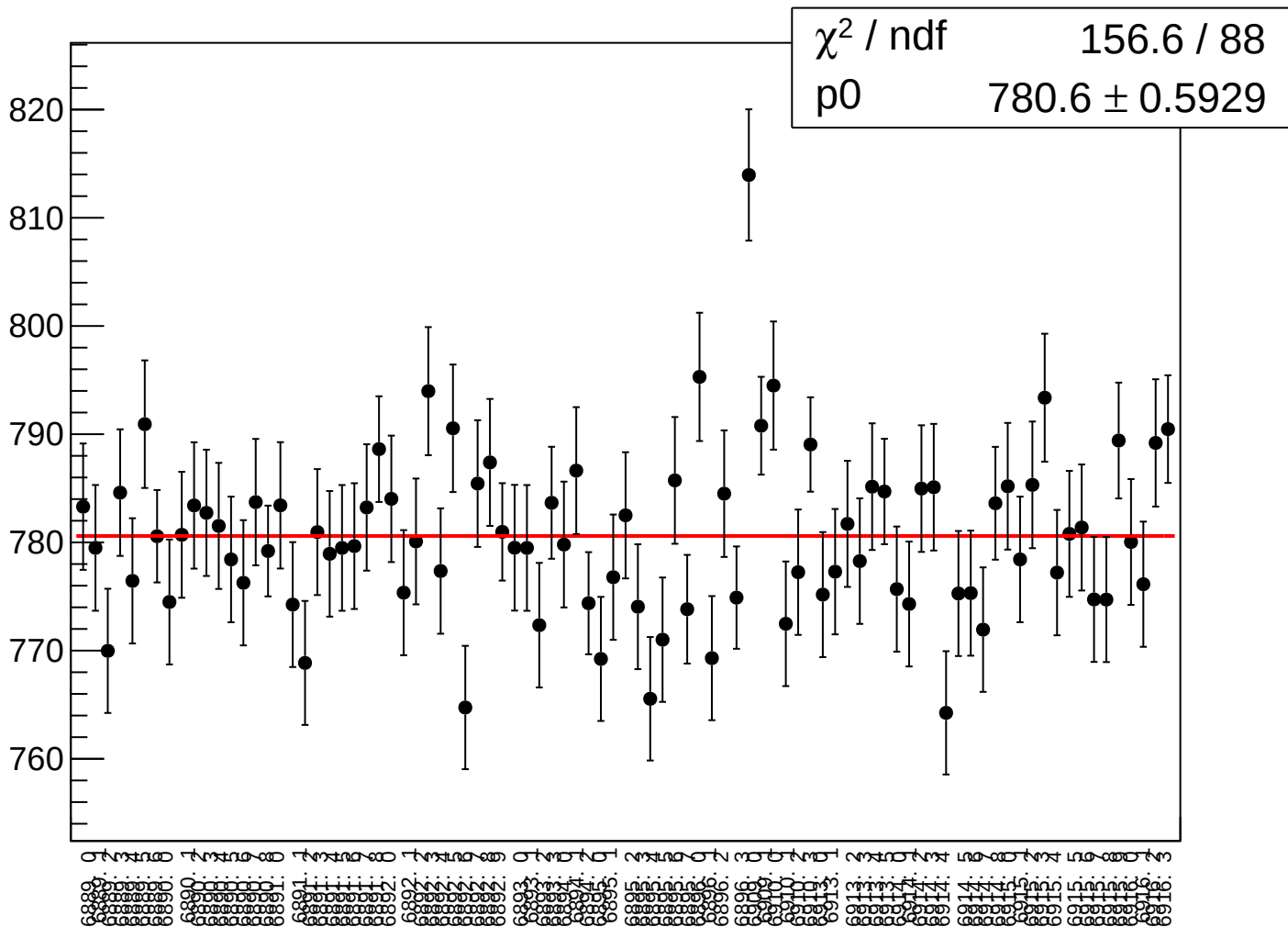
asym_us_avg_reg_correction_rms vs run



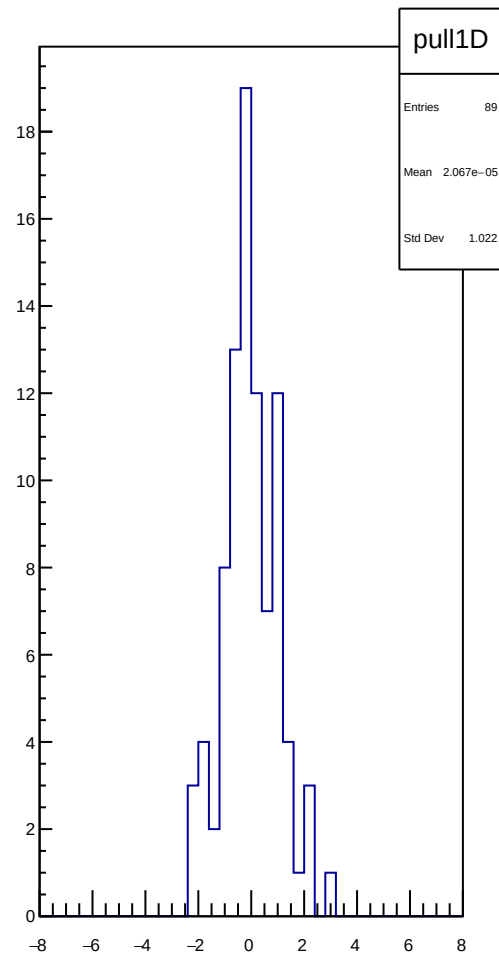
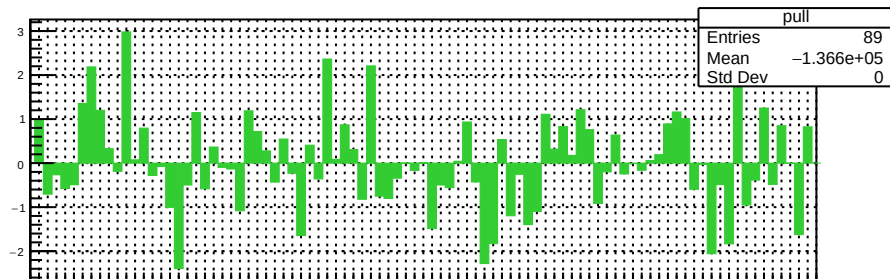
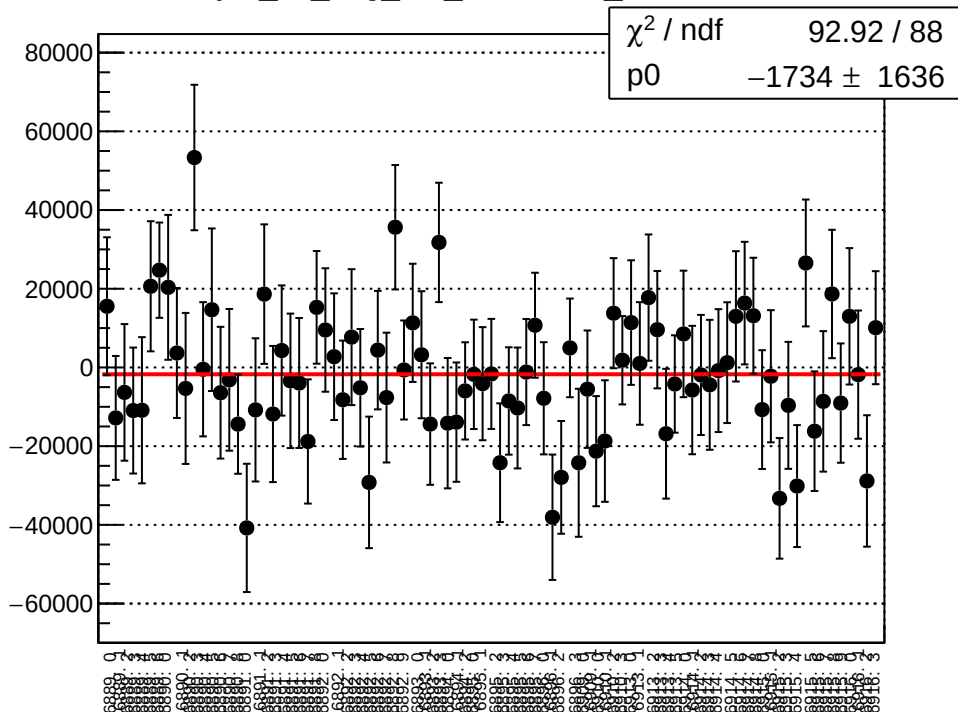
cor_asym_us_avg_mean vs run



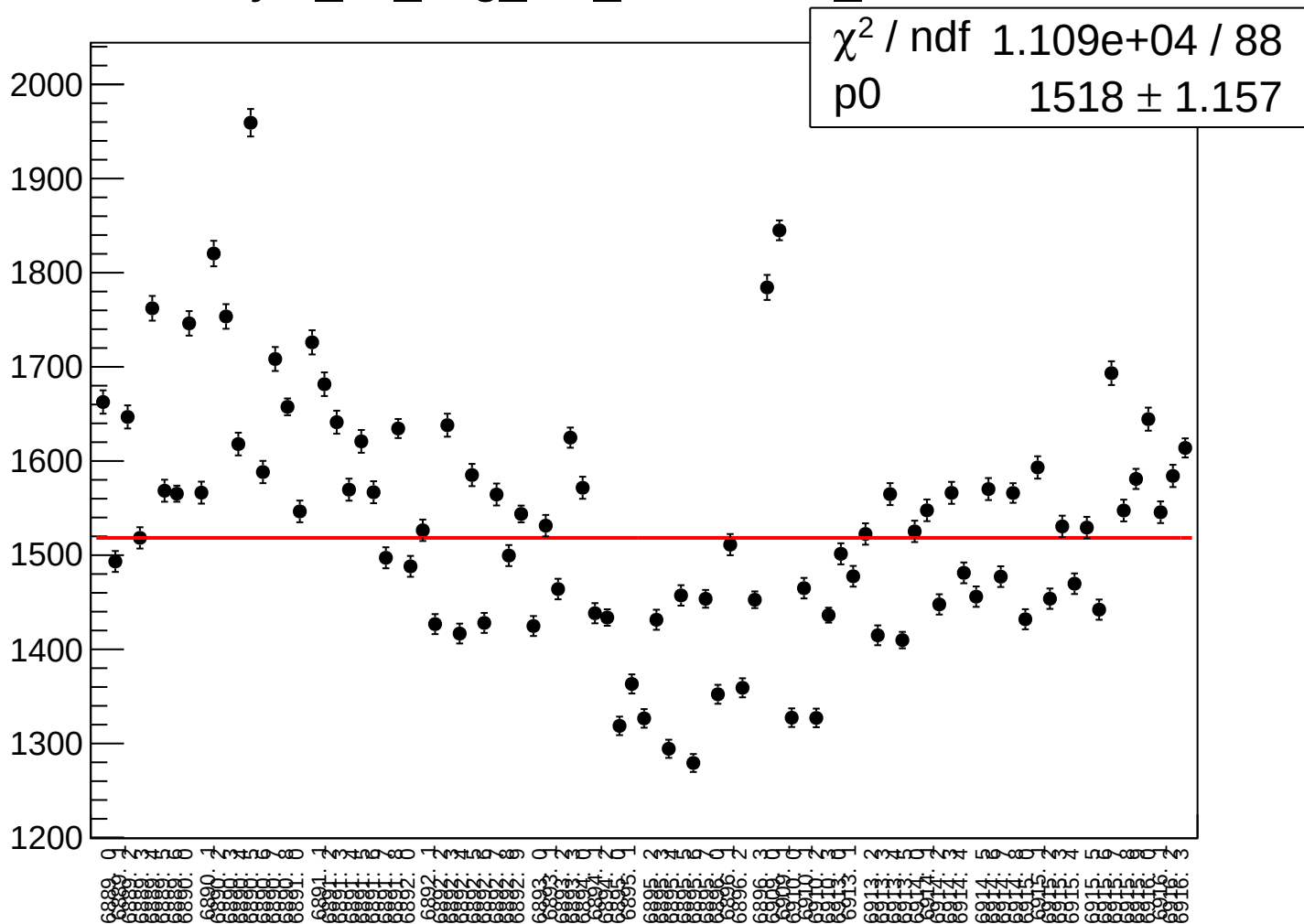
cor_asym_us_avg_rms vs run



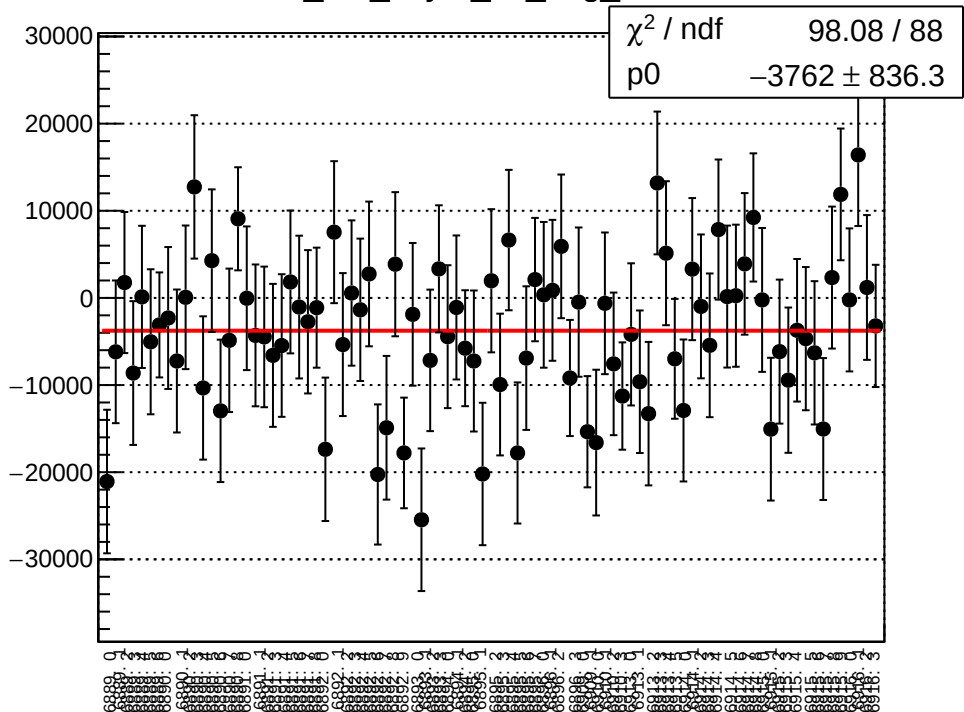
asym_us_avg_cor_correction_mean vs run



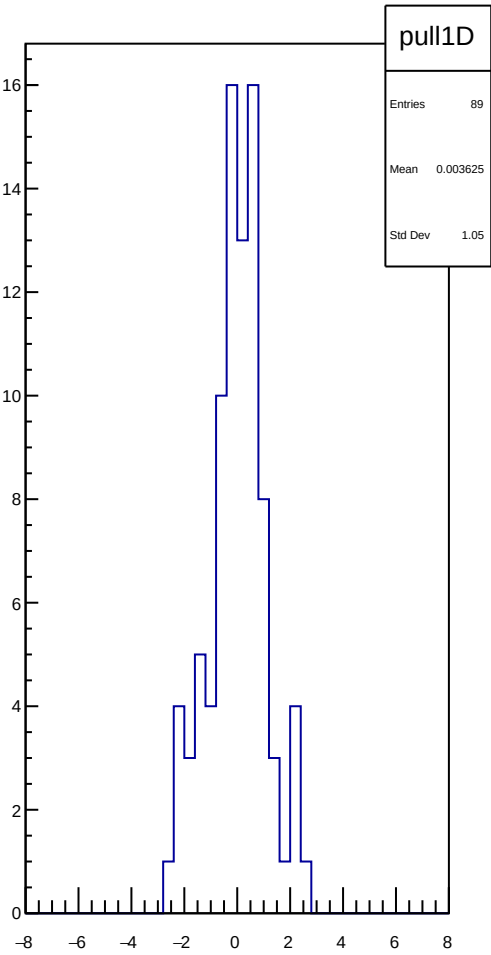
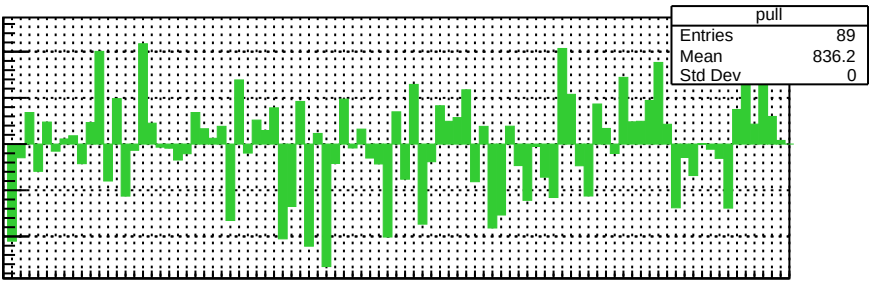
asym_us_avg_cor_correction_rms vs run



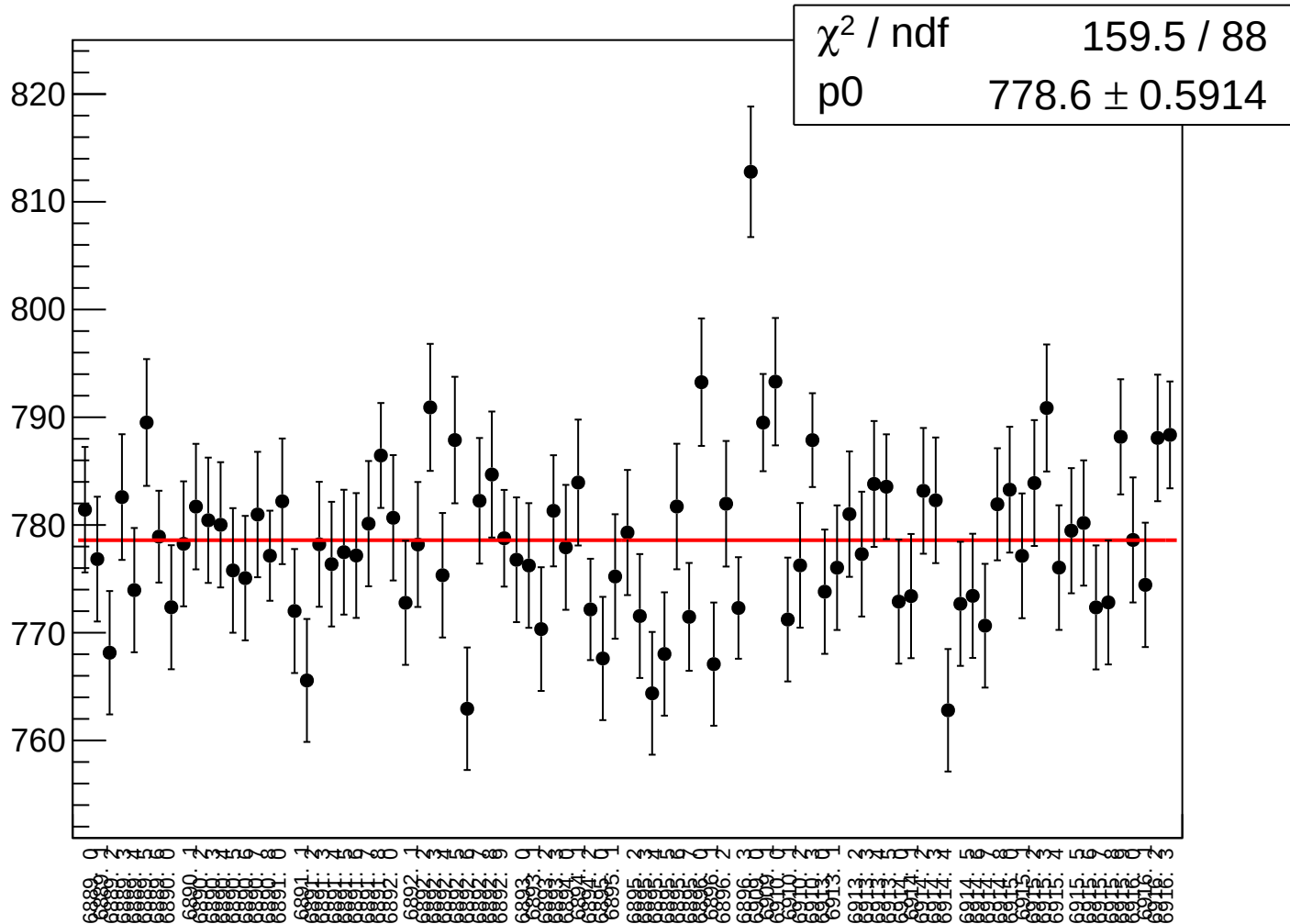
overload_cor_asym_us_avg_mean vs run



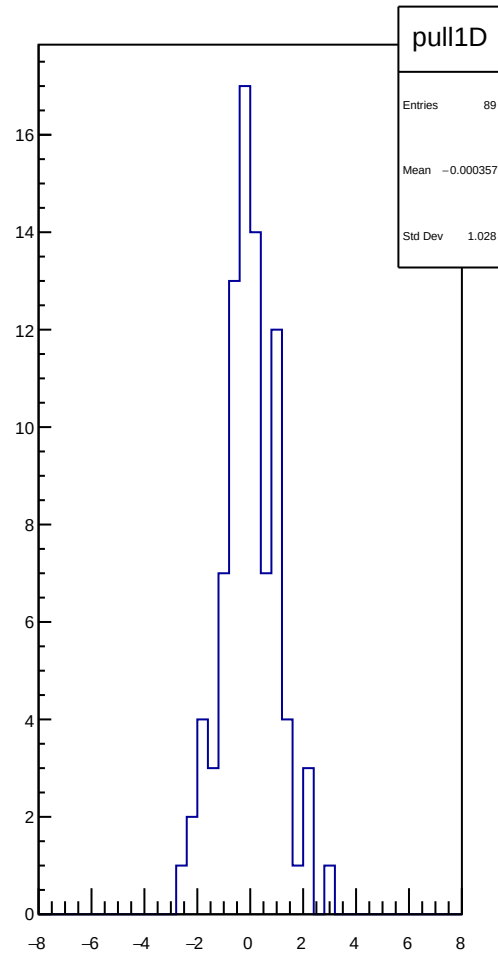
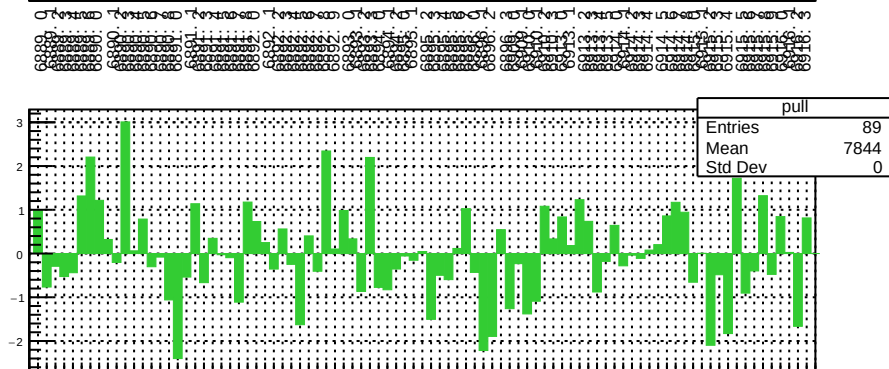
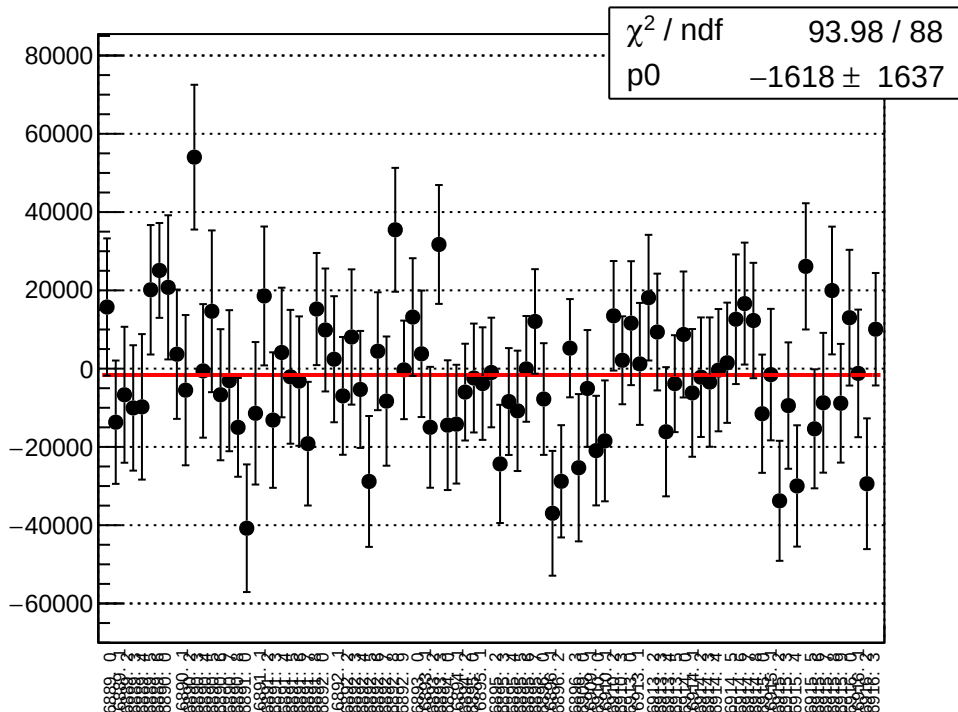
overload_cor_asym_us_avg_mean vs run



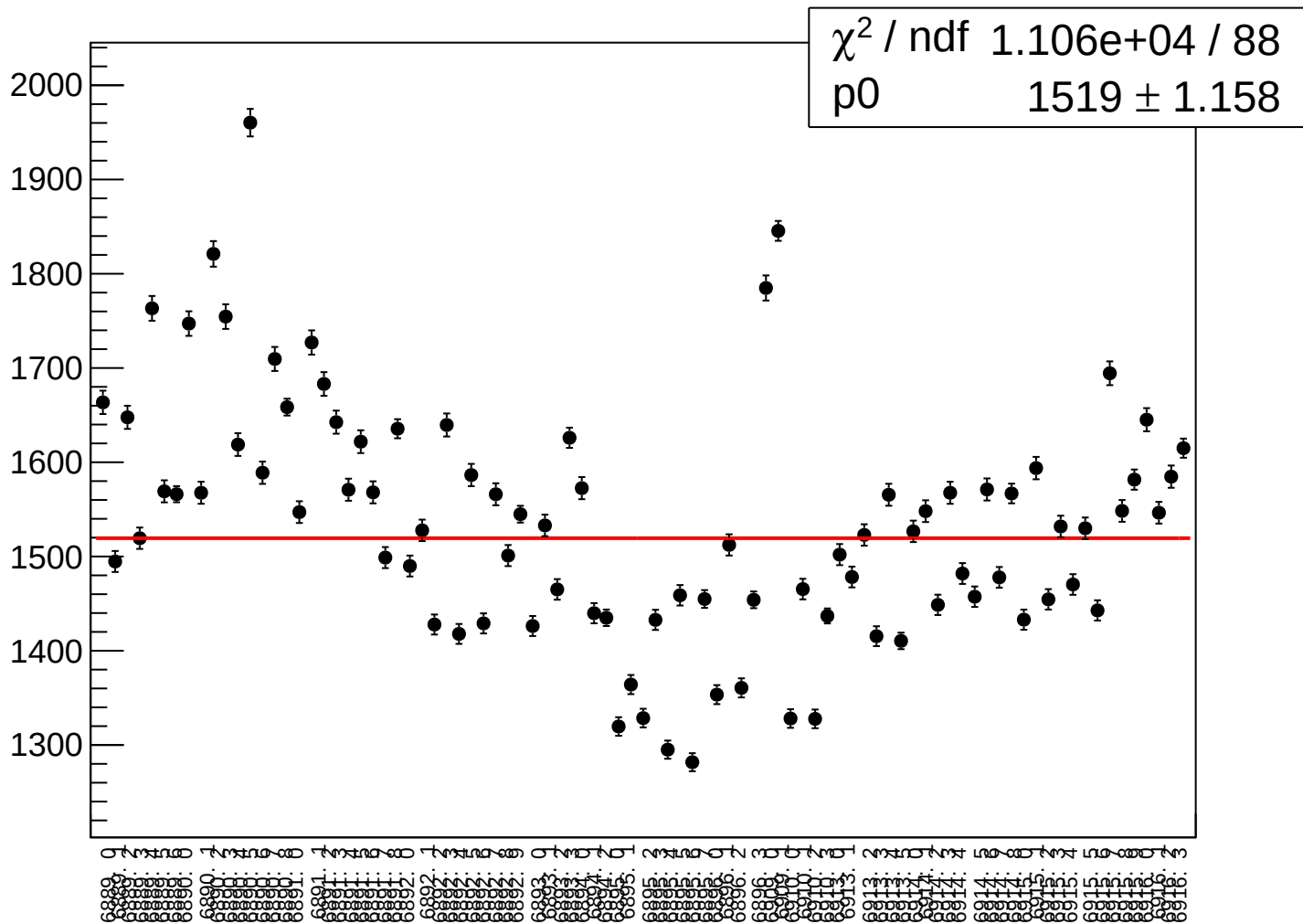
overload_cor_asym_us_avg_rms vs run



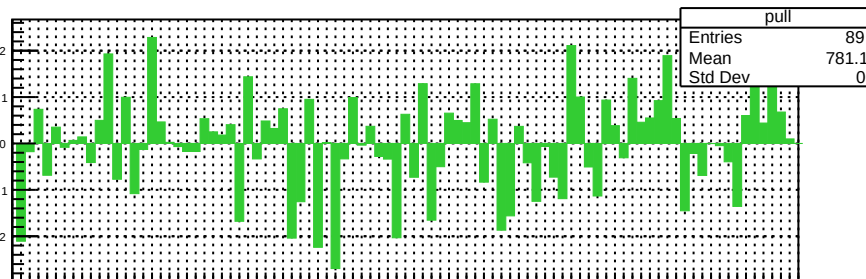
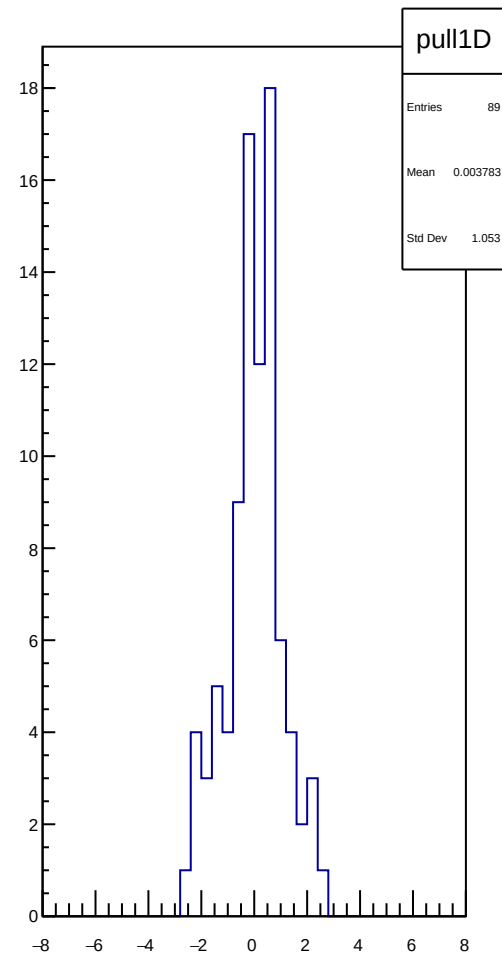
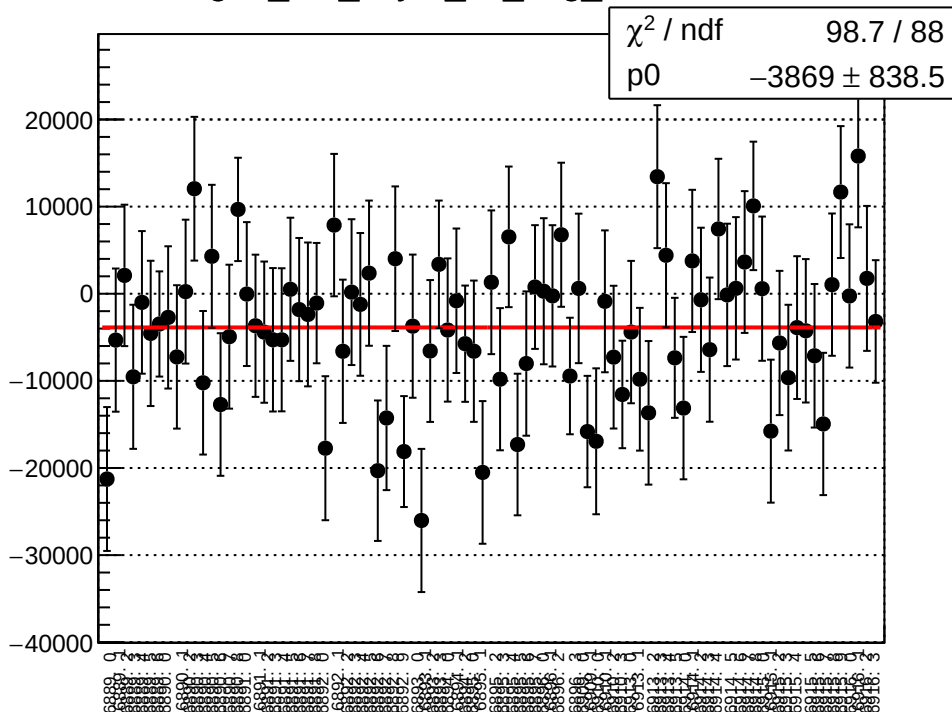
asym_us_avg_overload_cor_correction_mean vs run



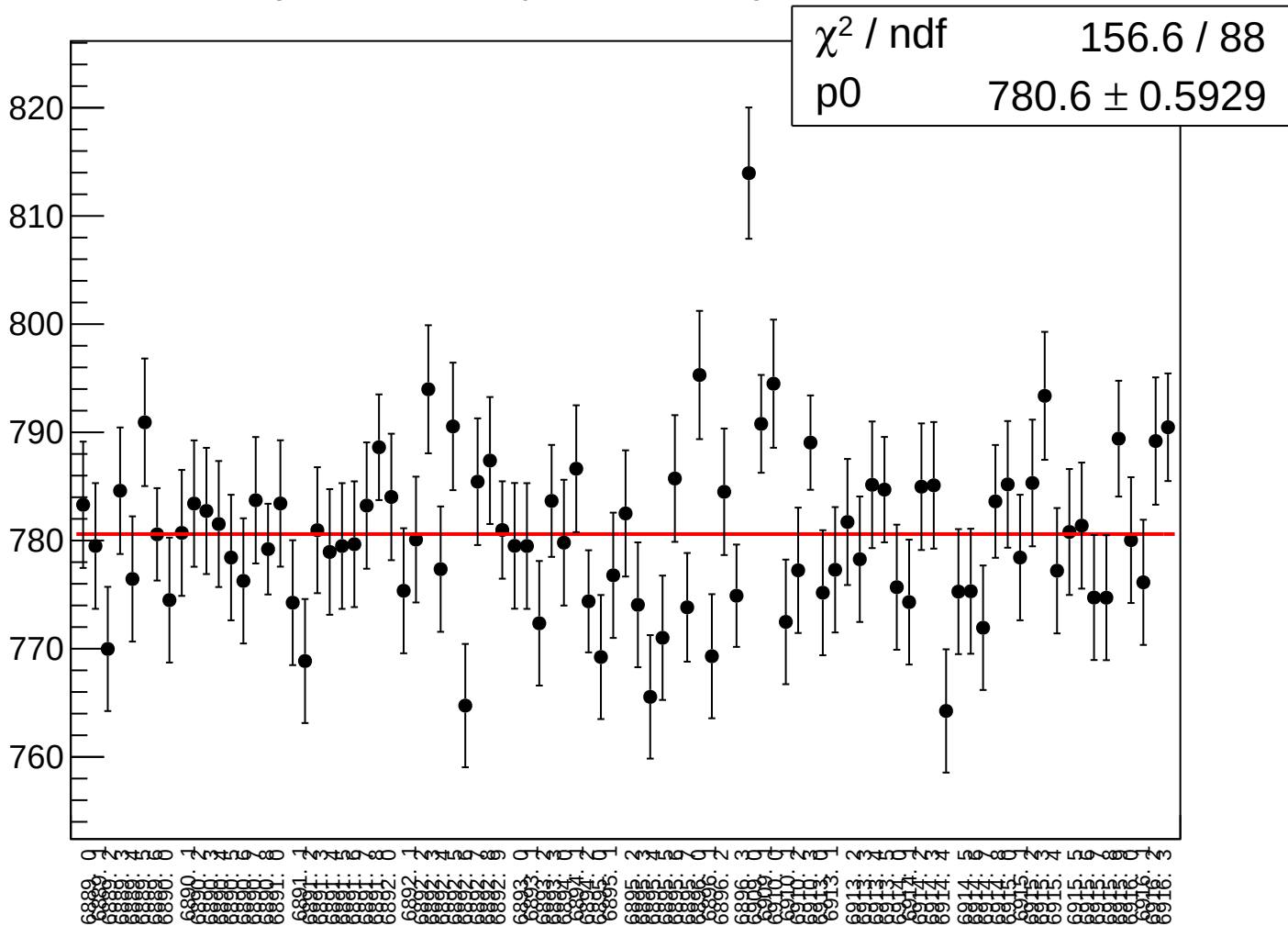
asym_us_avg_overload_cor_correction_rms vs run



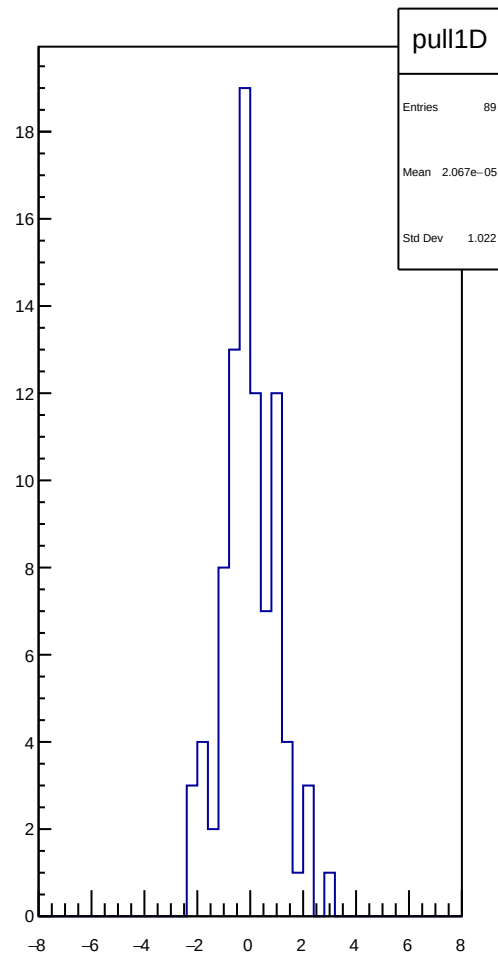
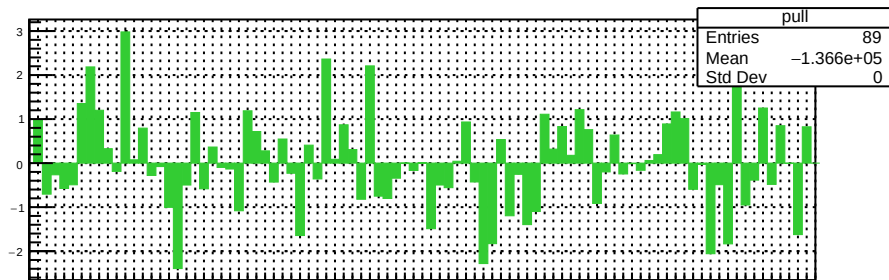
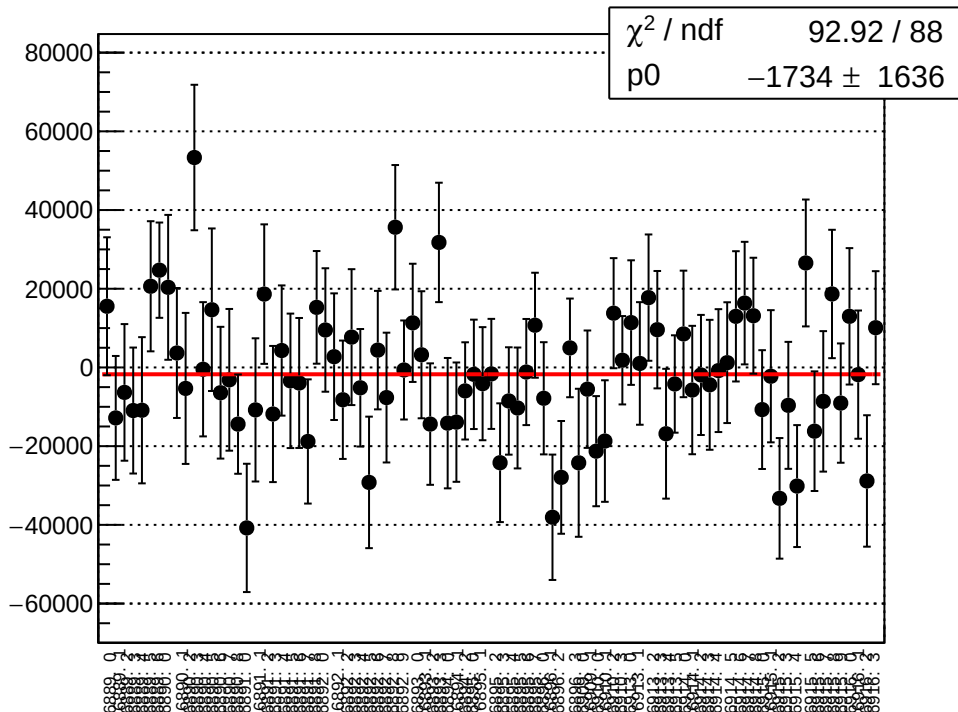
eigen_cor_asym_us_avg_mean vs run



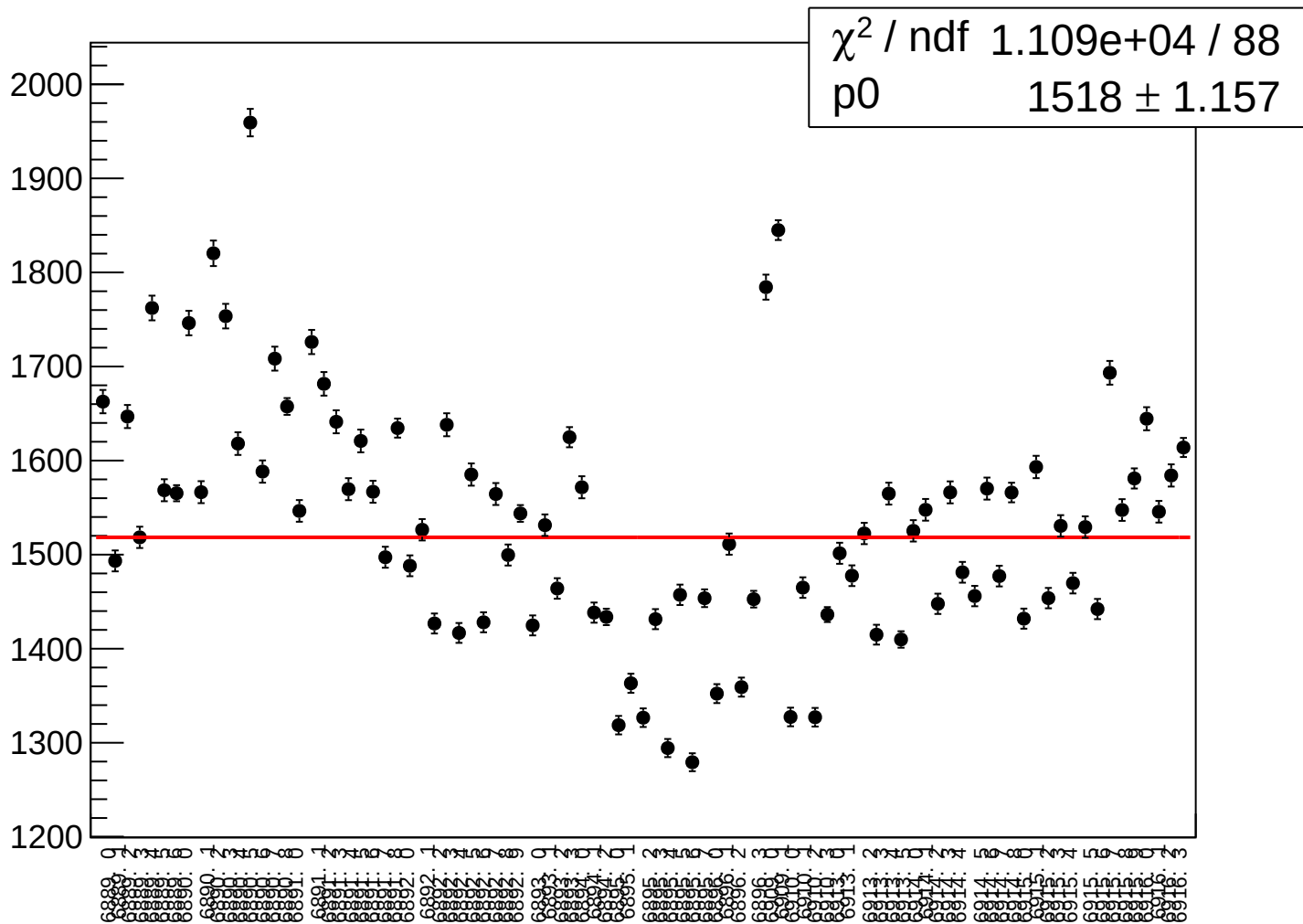
eigen_cor_asym_us_avg_rms vs run



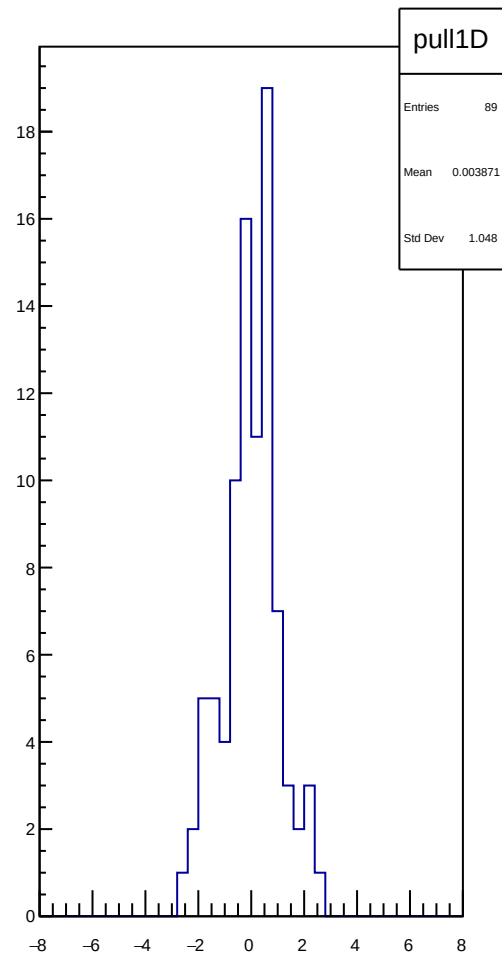
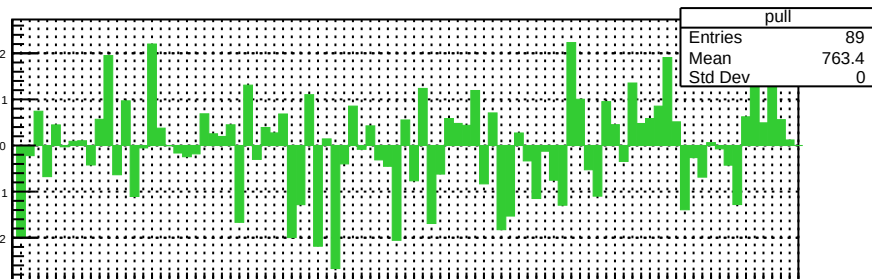
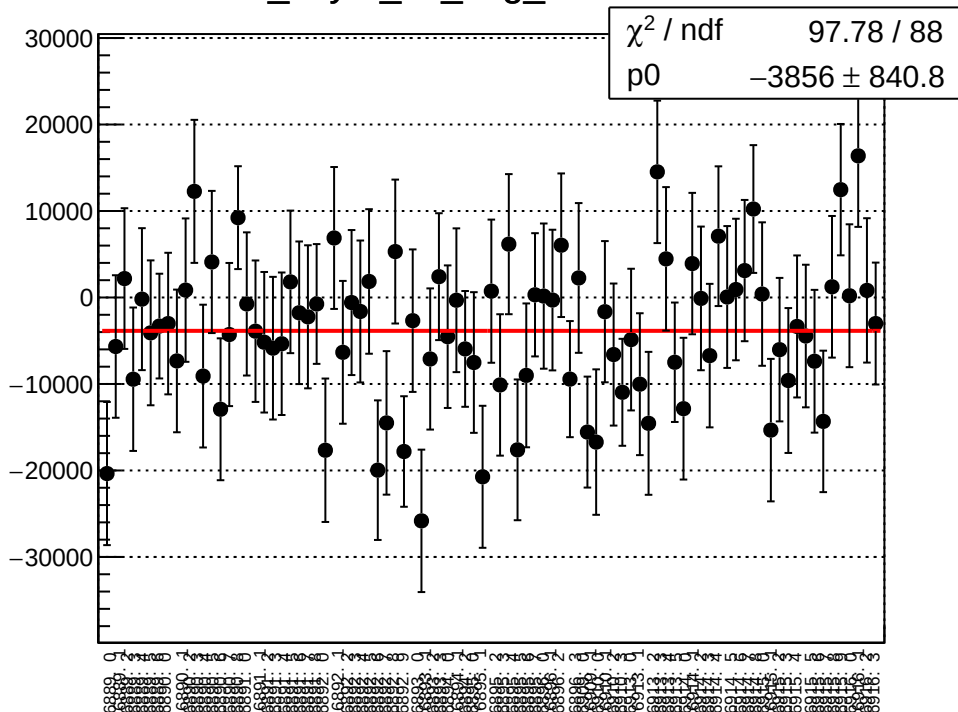
asym_us_avg_eigen_cor_correction_mean vs run



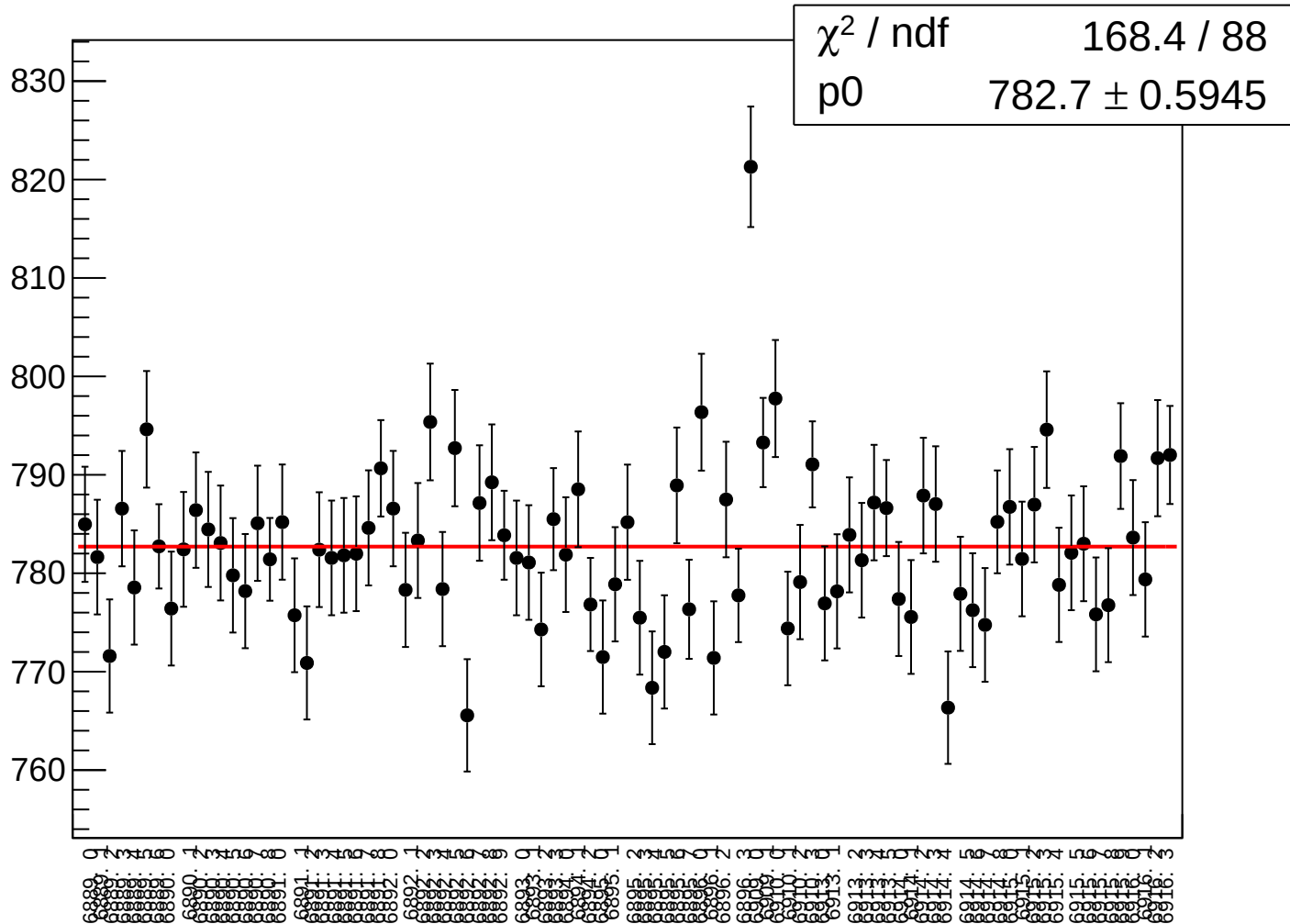
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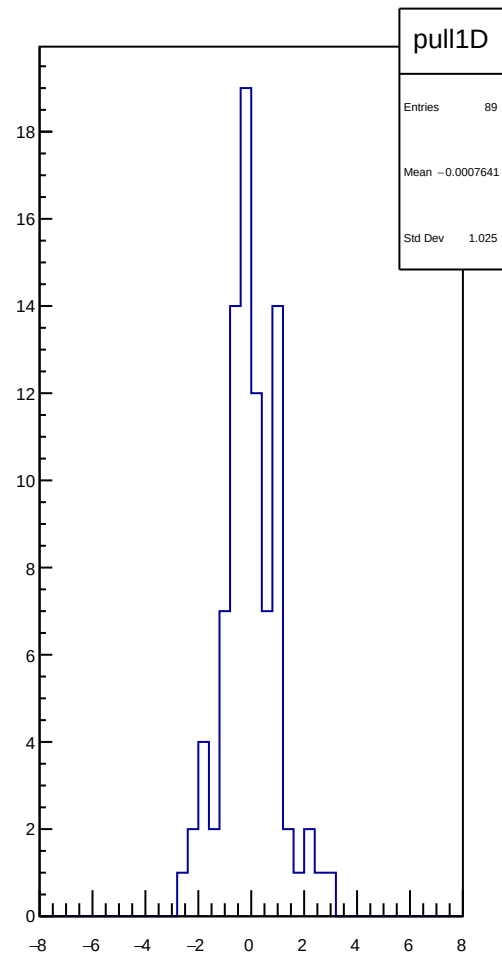
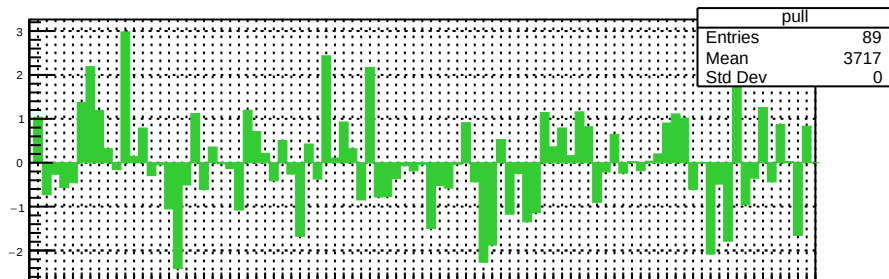
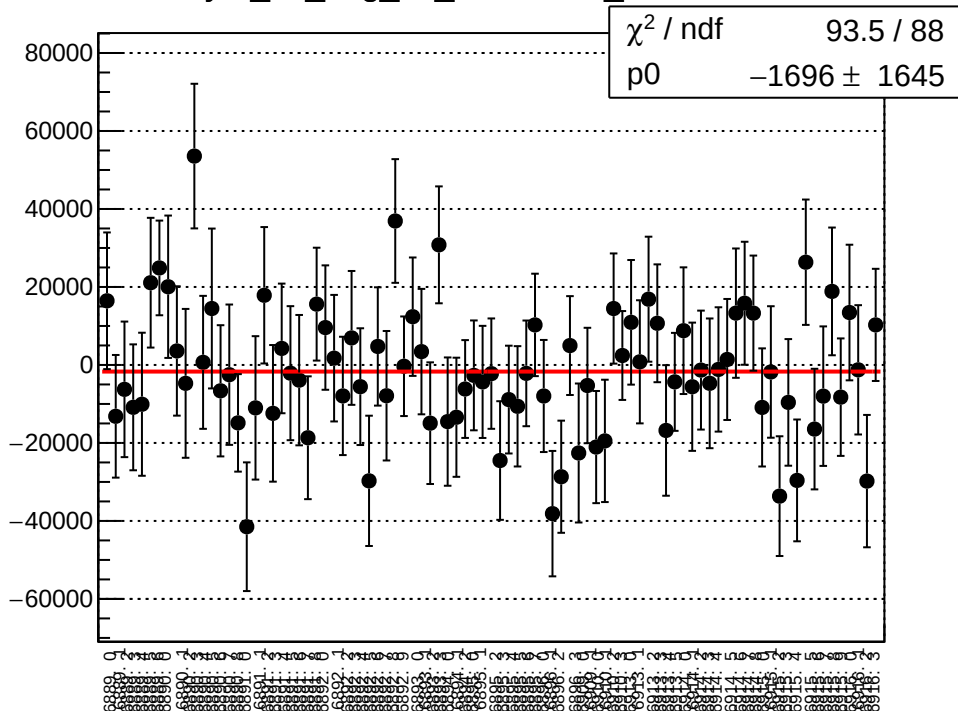
dit_asym_us_avg_mean vs run



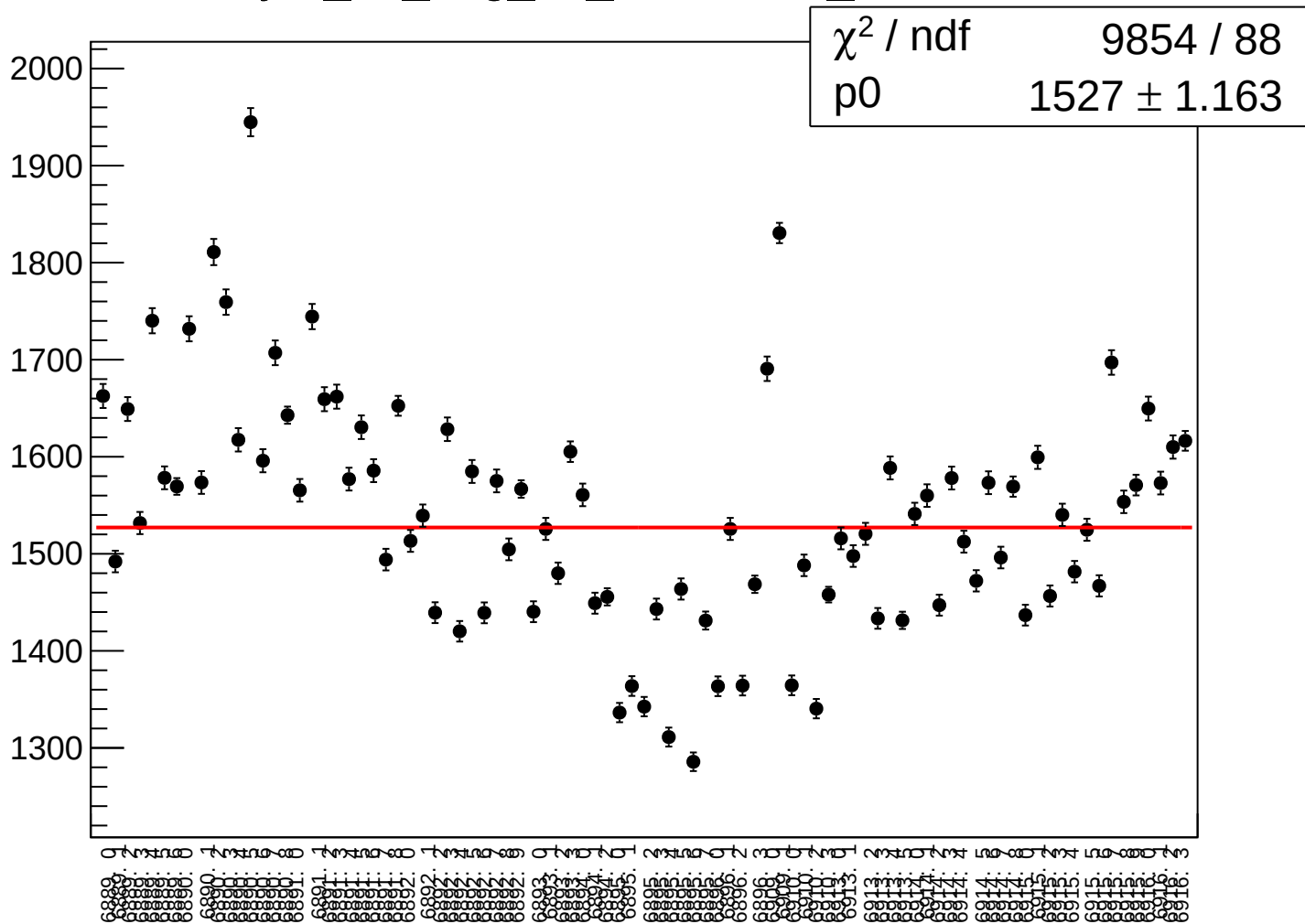
dit_asym_us_avg_rms vs run



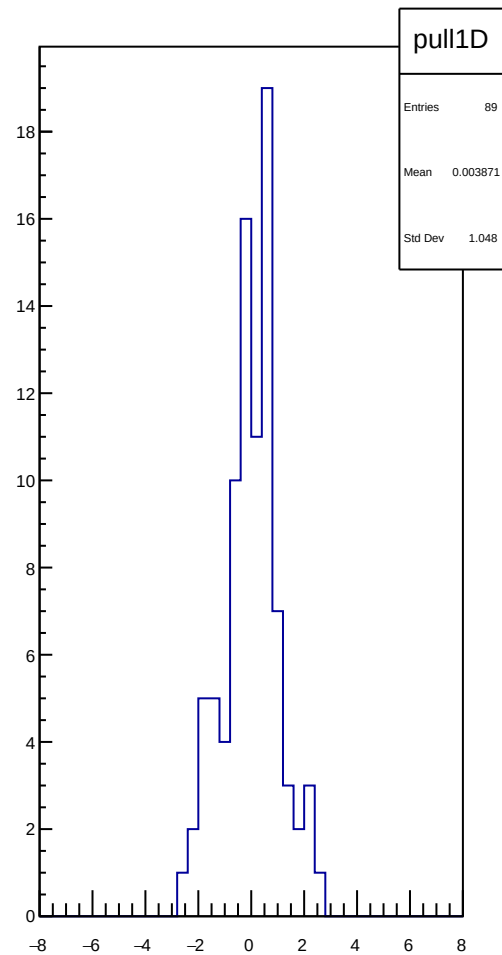
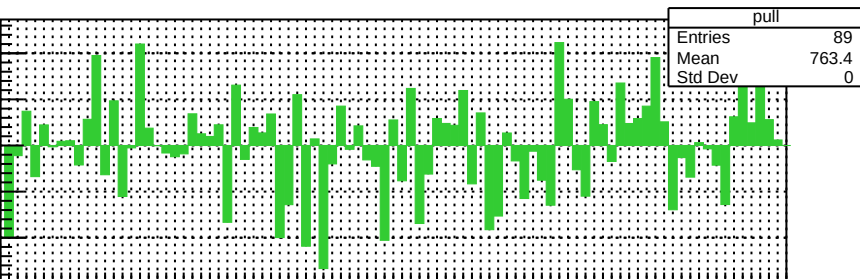
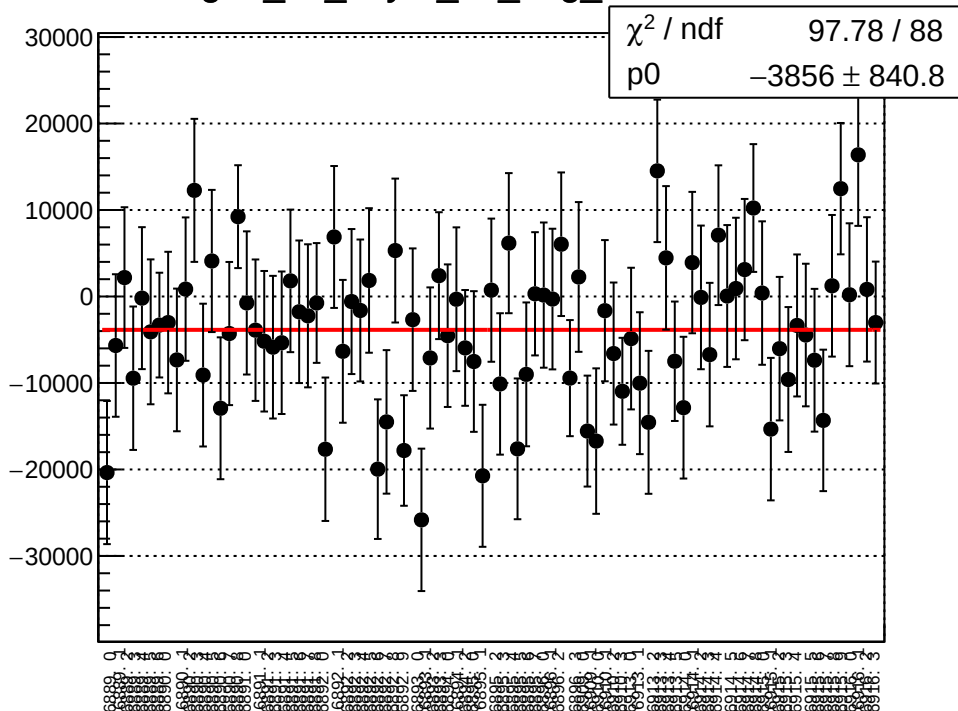
asym_us_avg_dit_correction_mean vs run



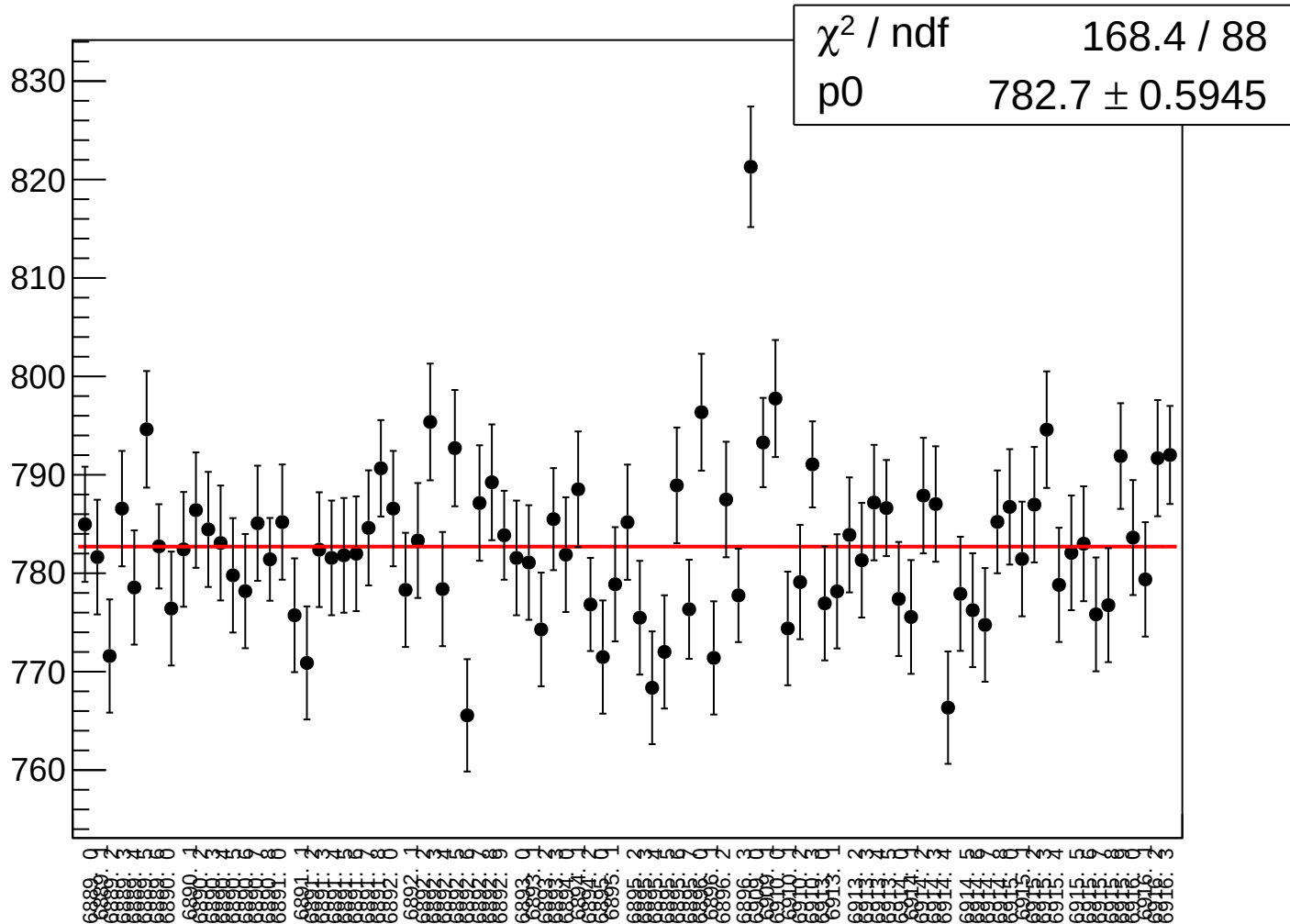
asym_us_avg_dit_correction_rms vs run



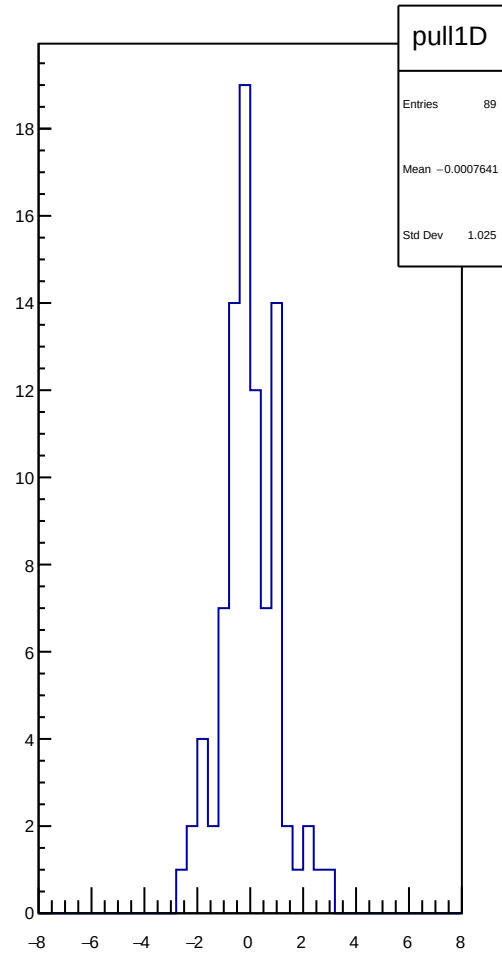
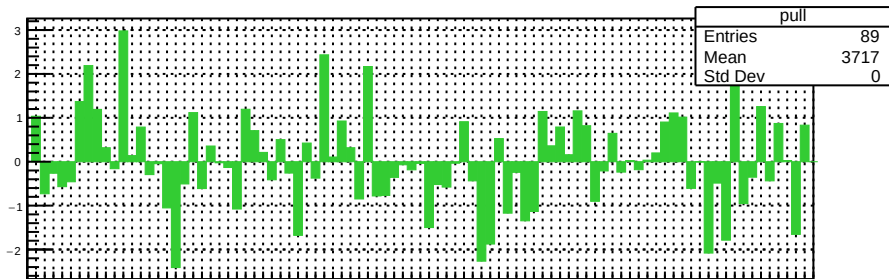
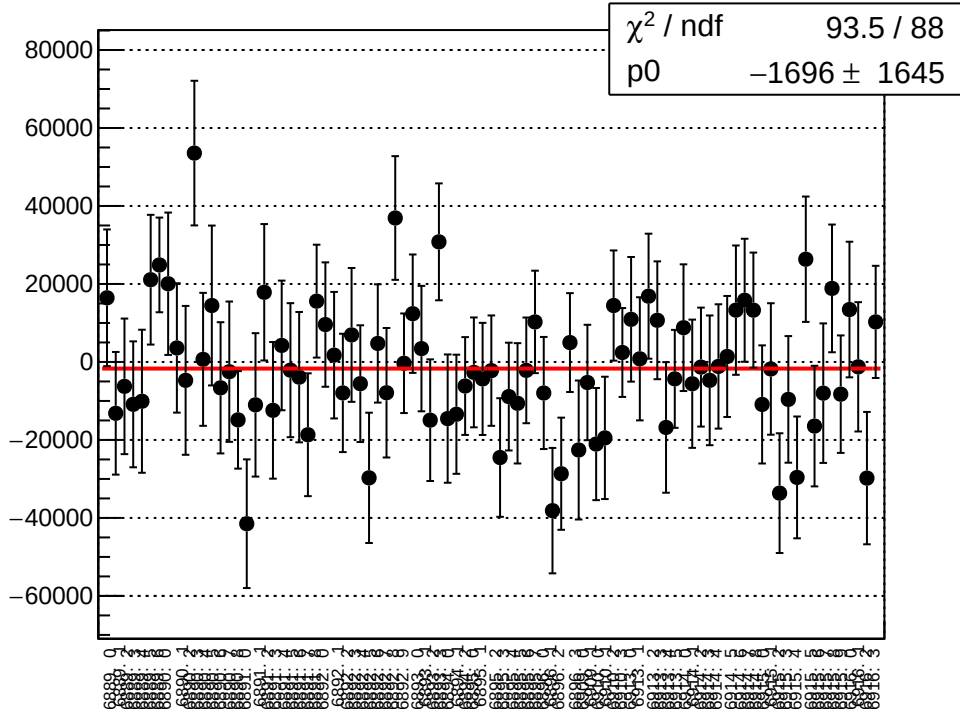
eigen_dit_asym_us_avg_mean vs run



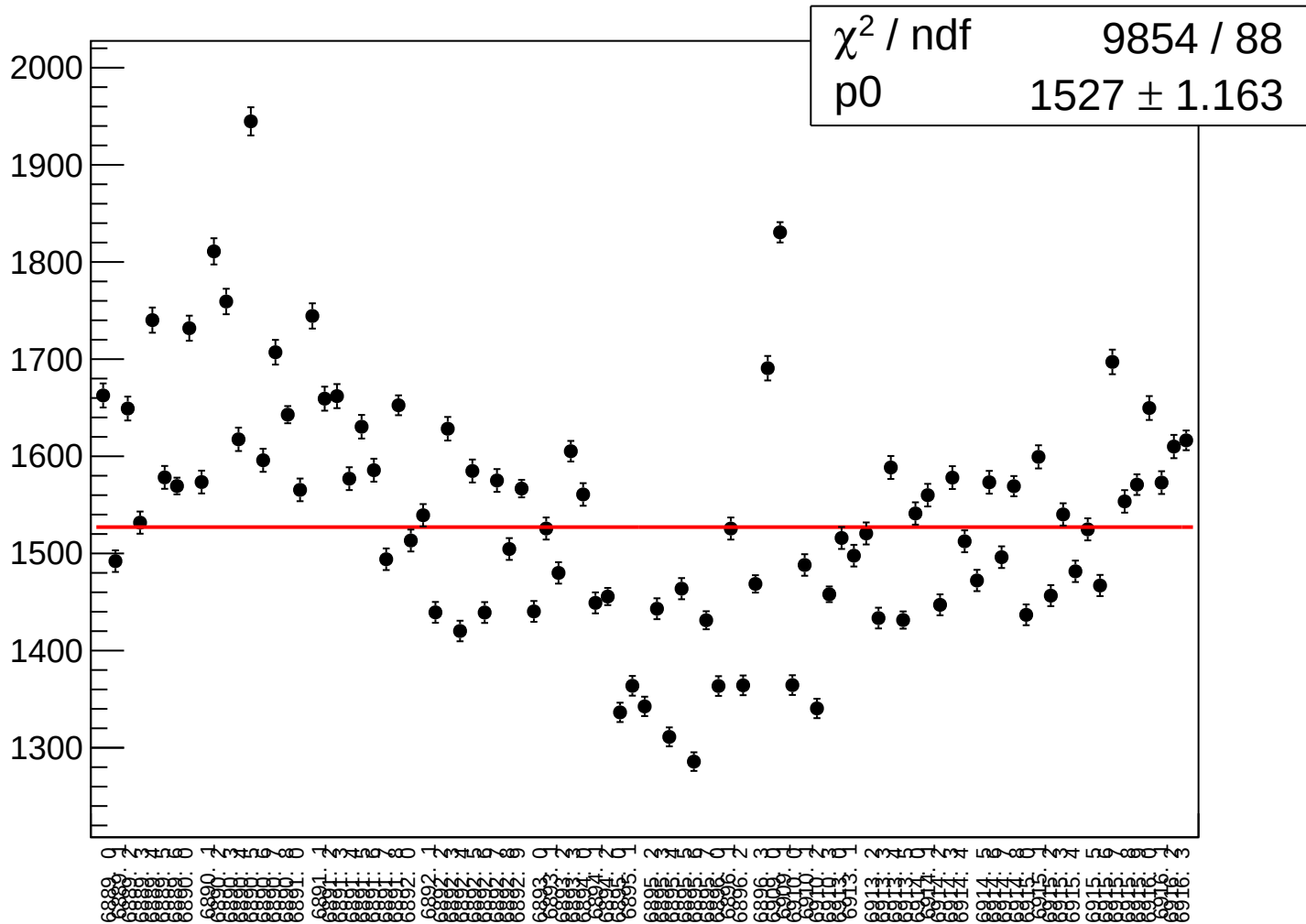
eigen_dit_asym_us_avg_rms vs run



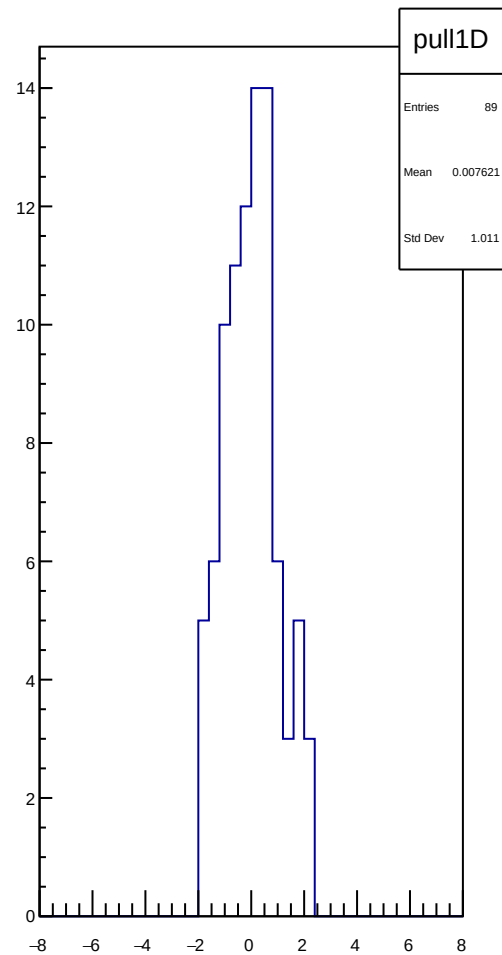
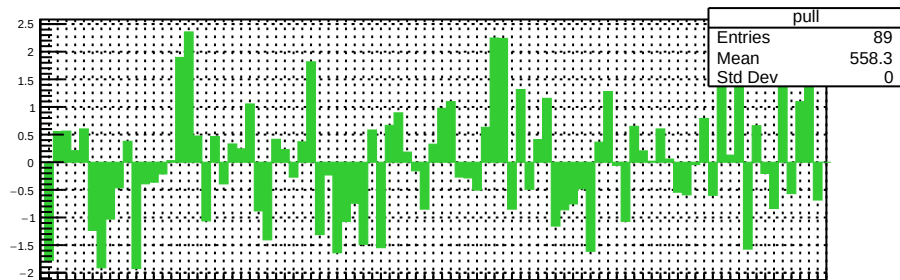
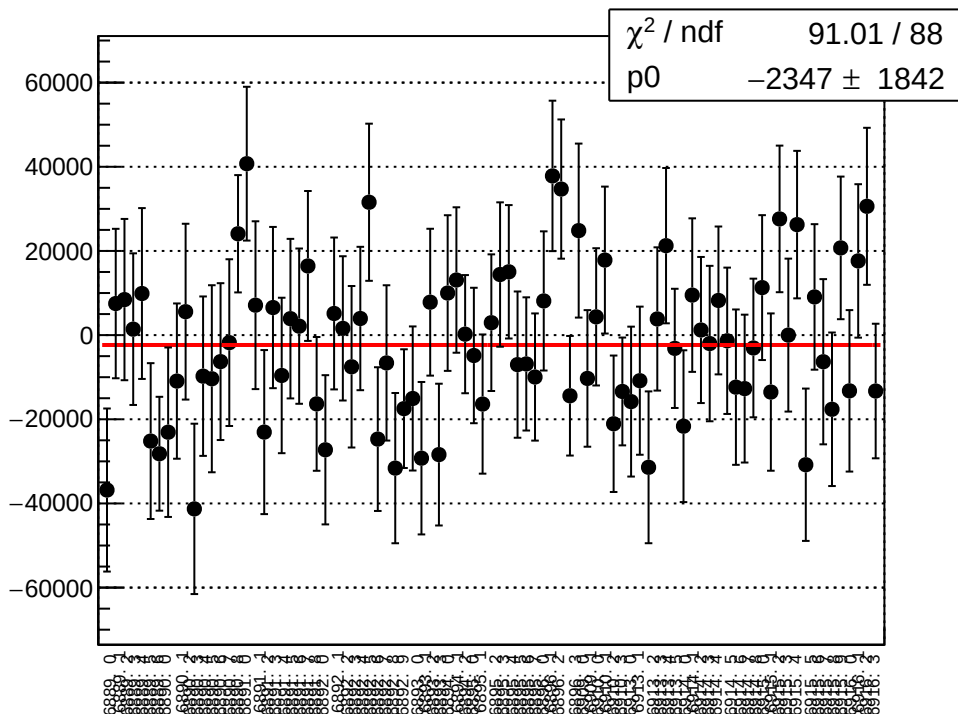
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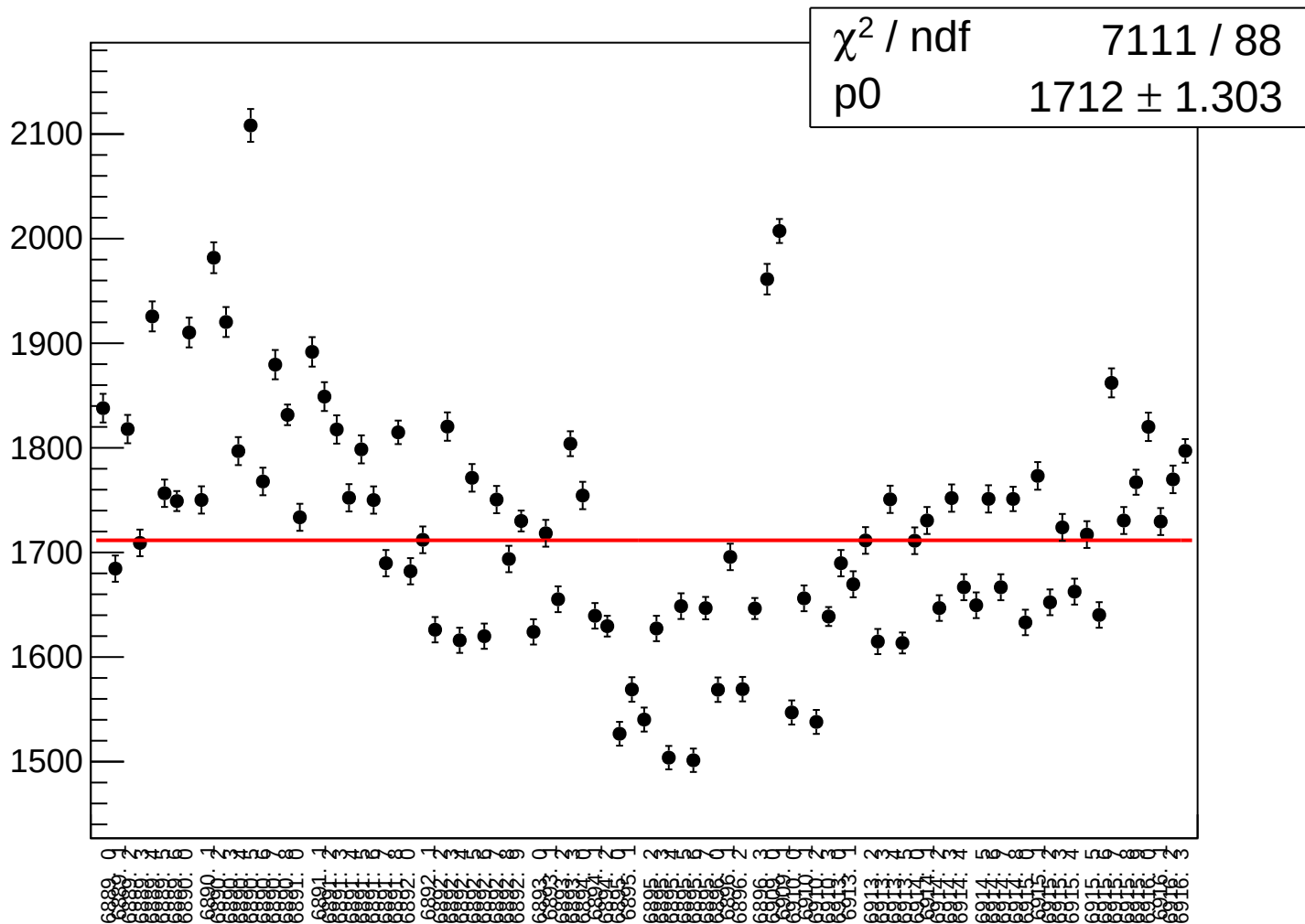
asym_us_avg_eigen_dit_correction_rms vs run



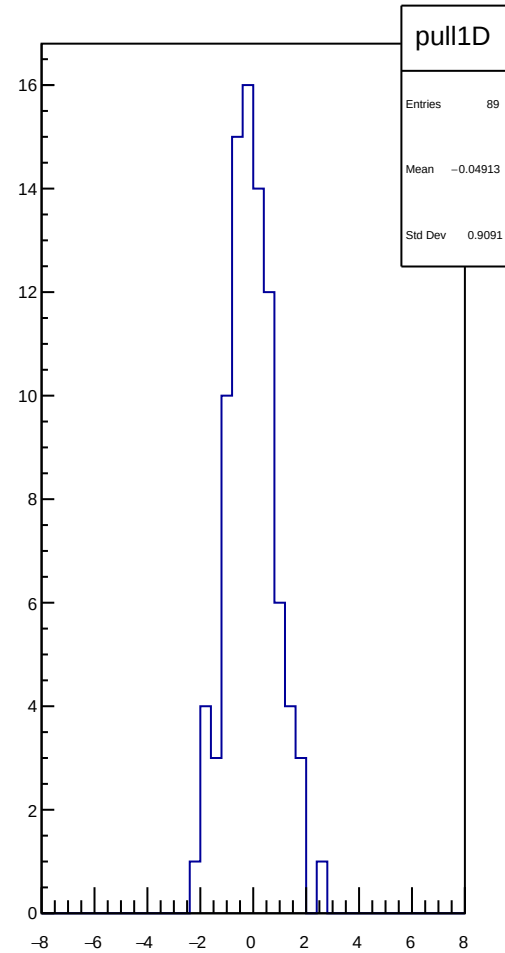
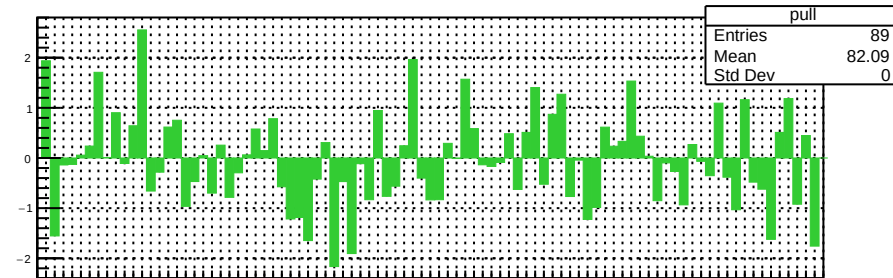
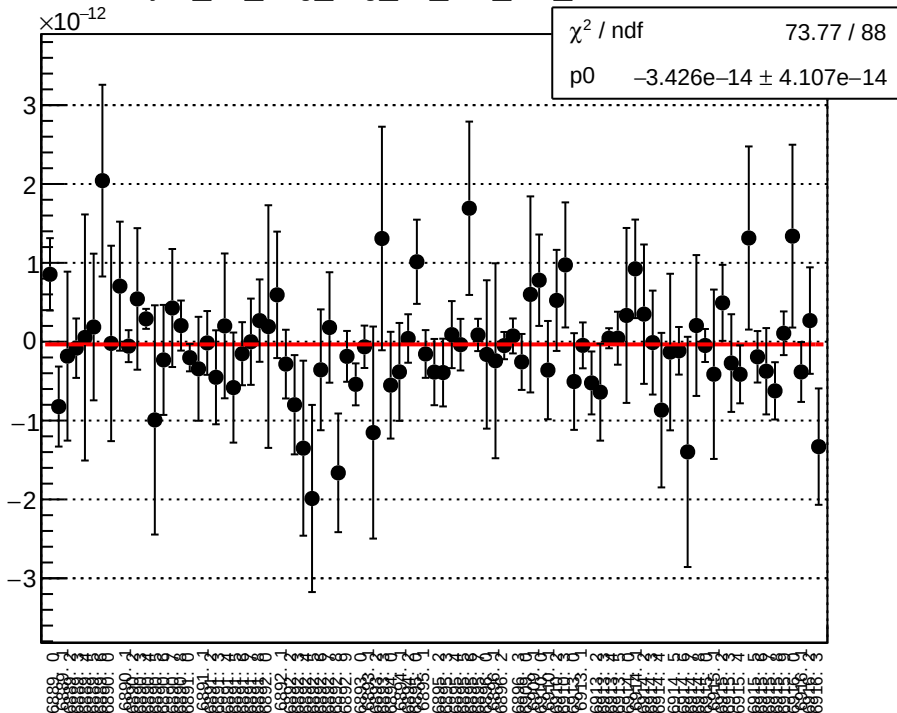
asym_us_avg_mean vs run



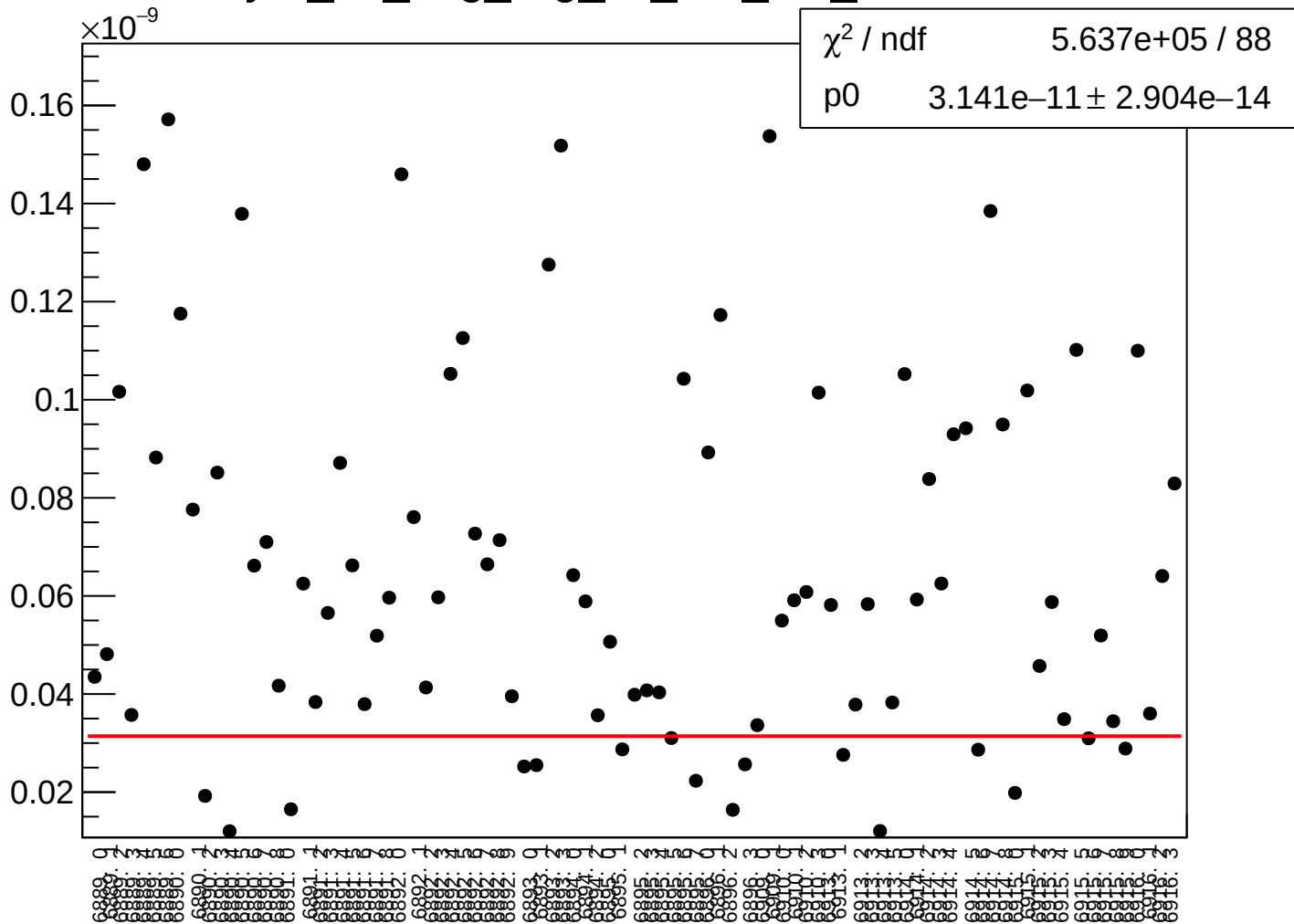
asym_us_avg_rms vs run



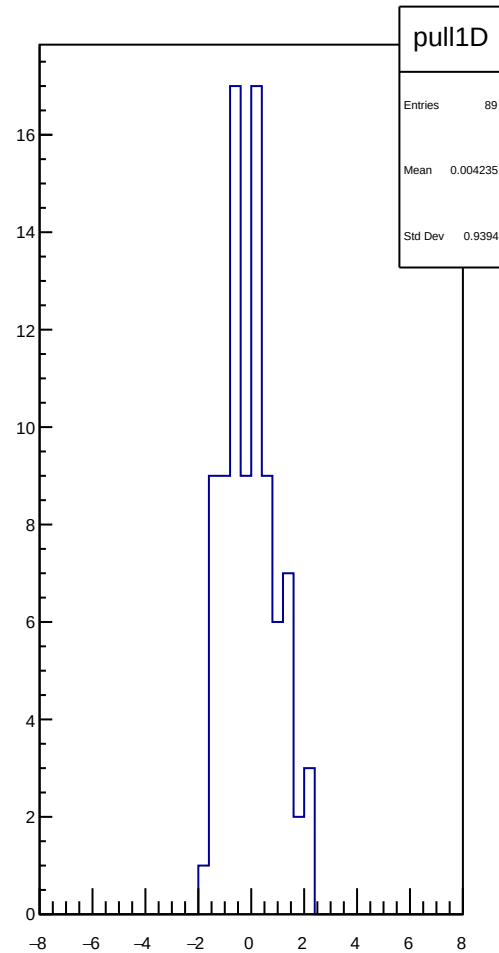
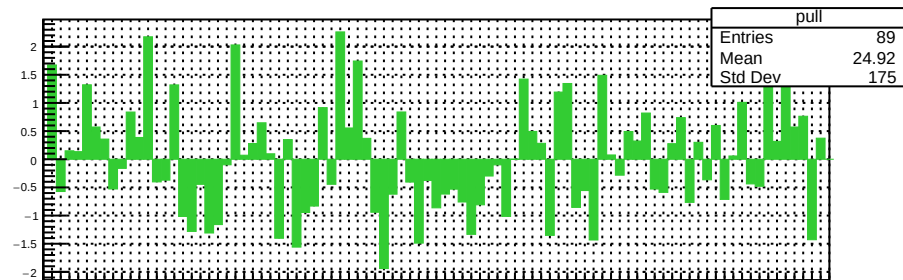
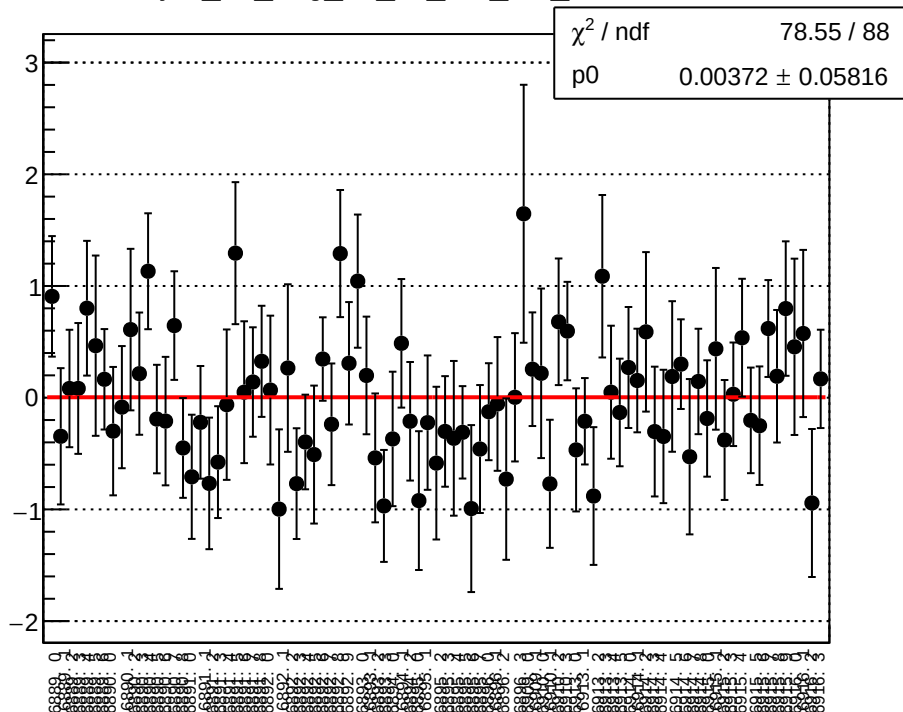
asym_us_avg_reg_vs_cor_diff_mean vs run



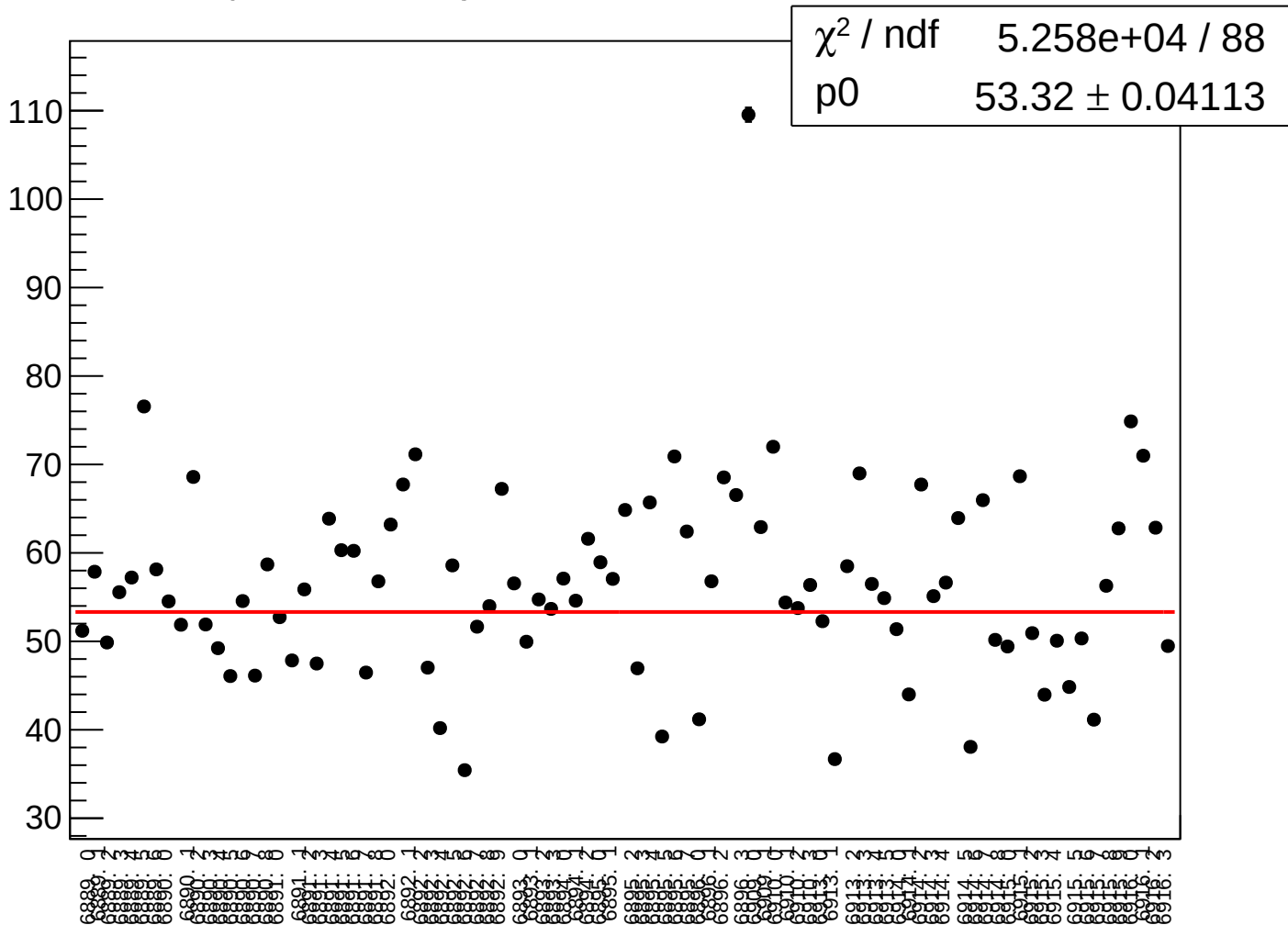
asym_us_avg_reg_vs_cor_diff_rms vs run



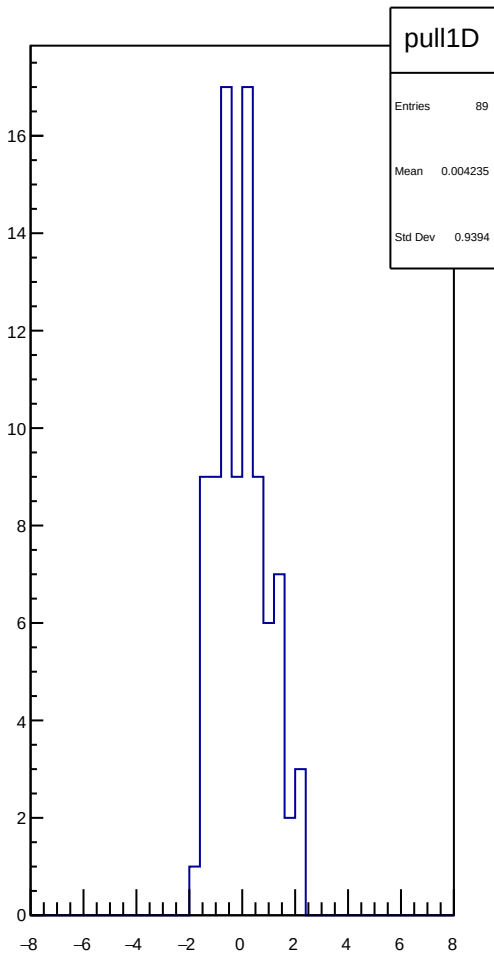
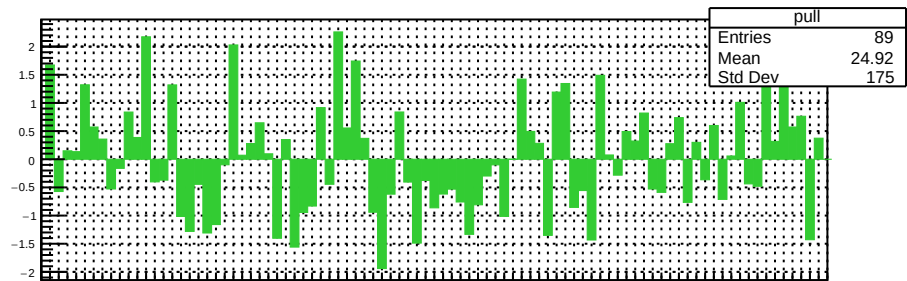
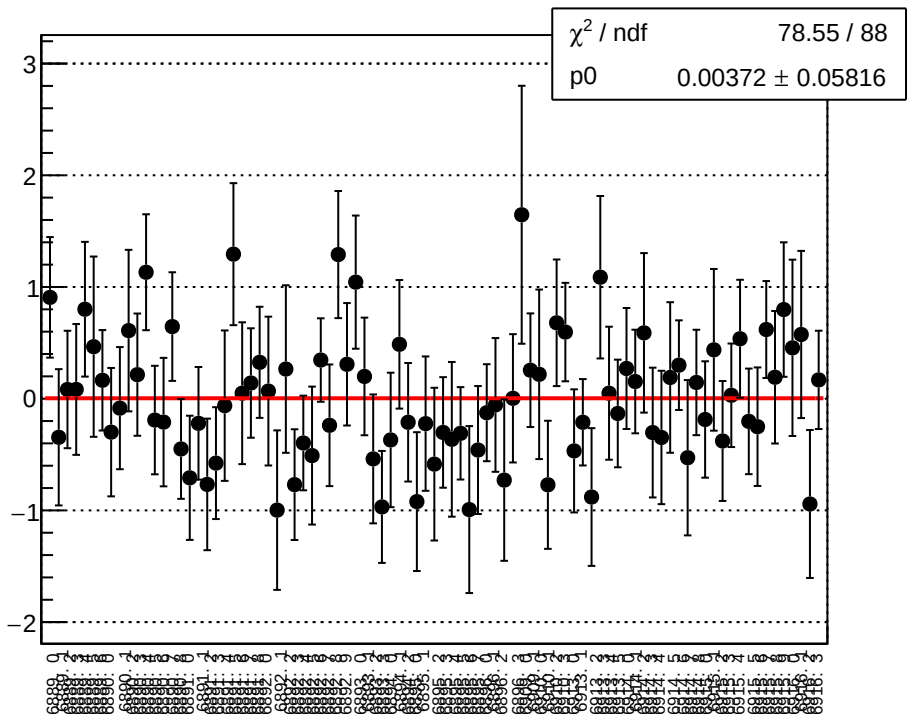
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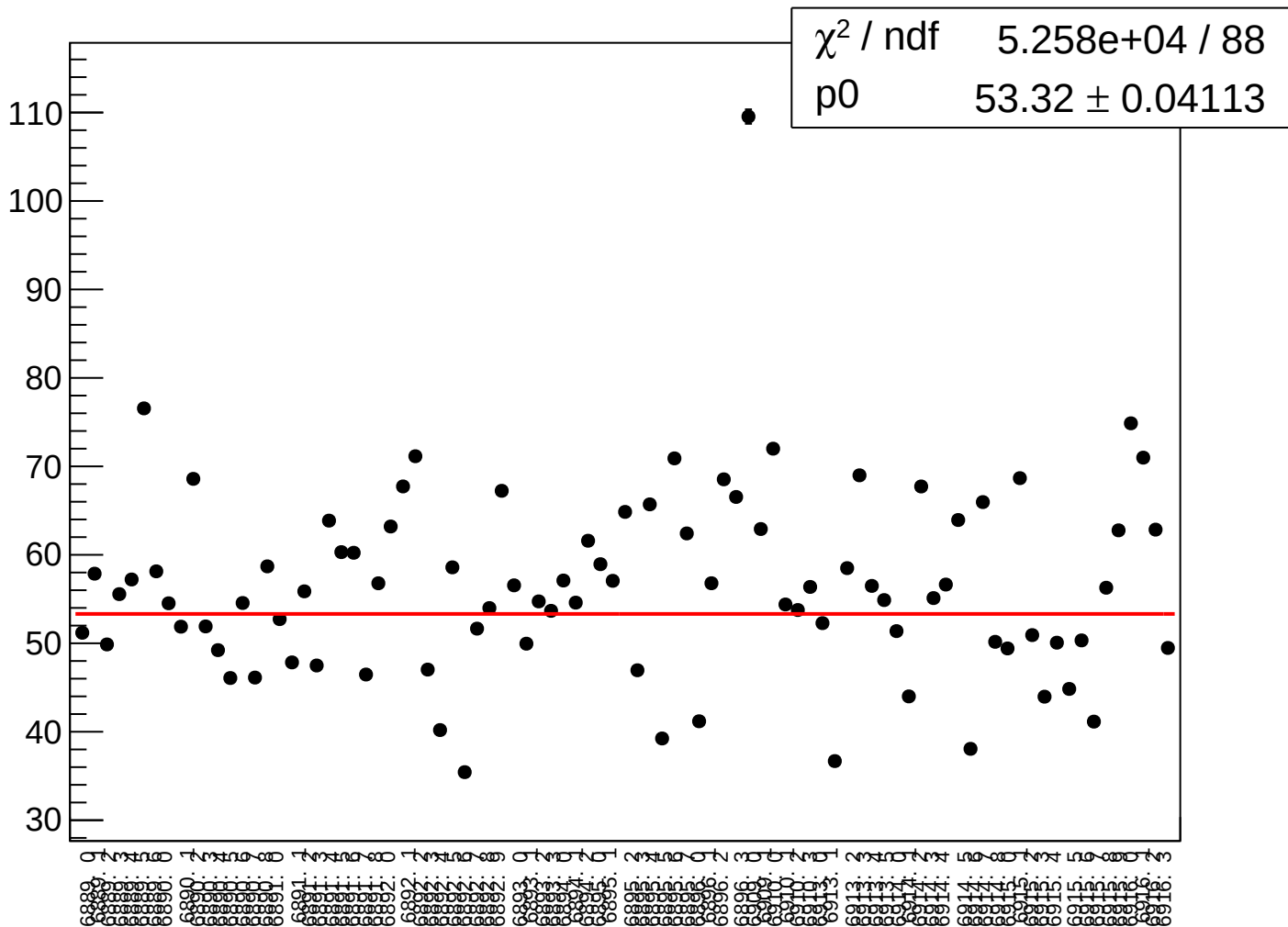
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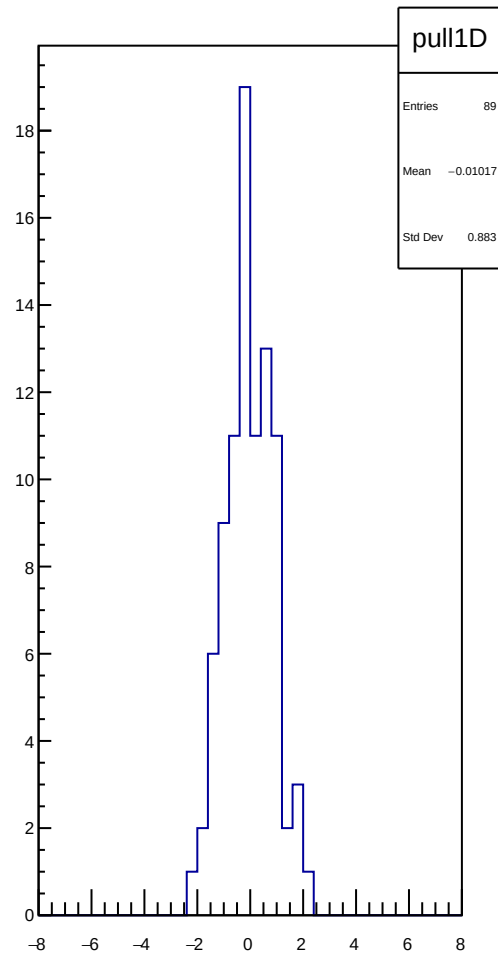
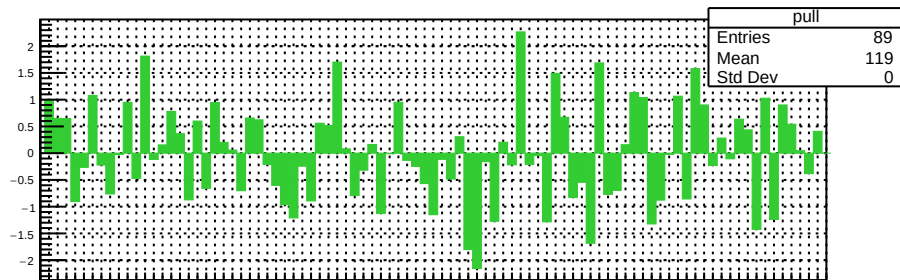
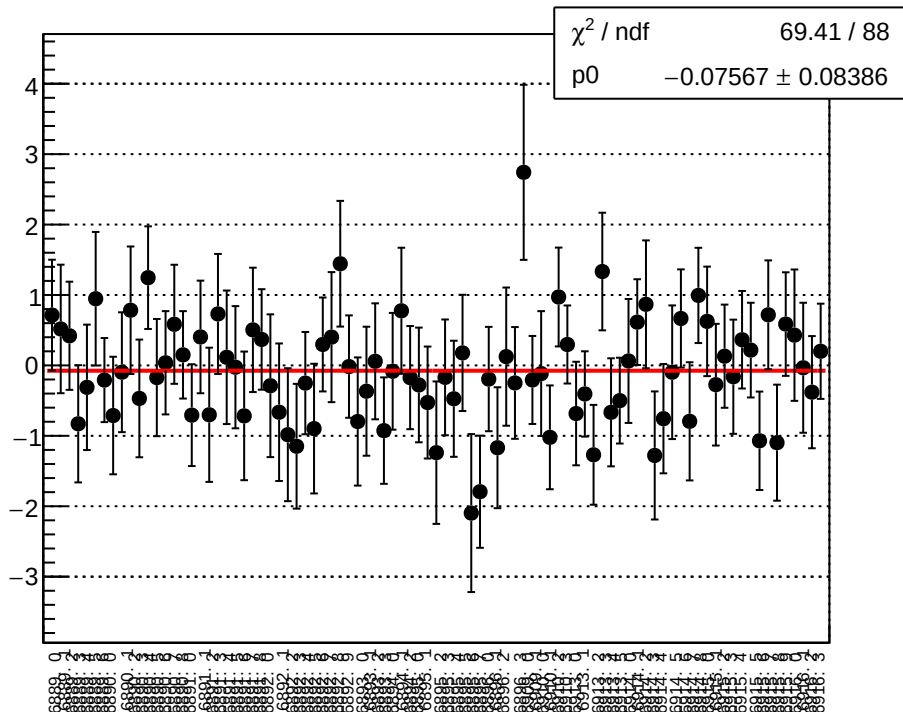
asym_us_avg_dit_vs_eigen_cor_diff_mean vs run



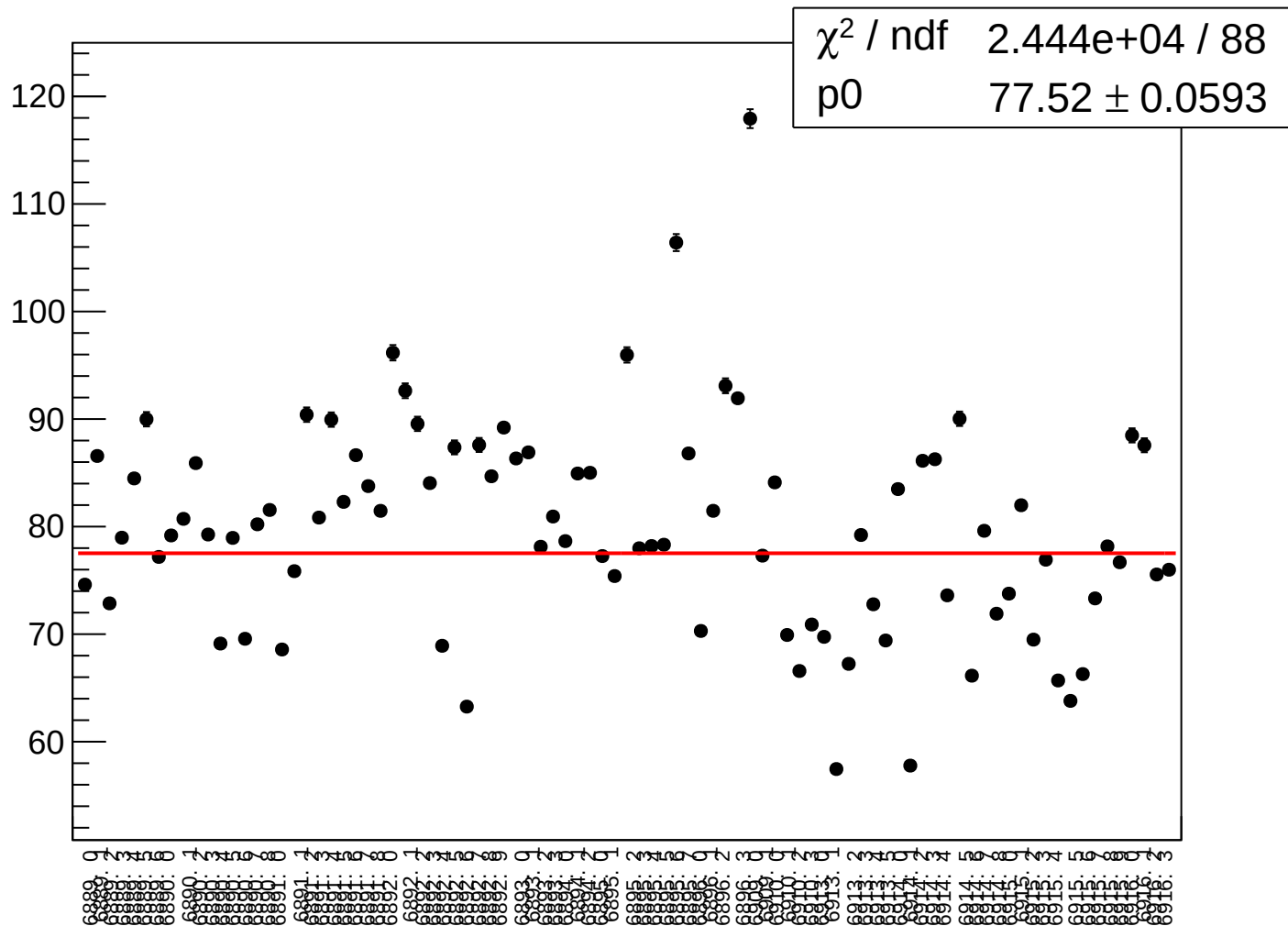
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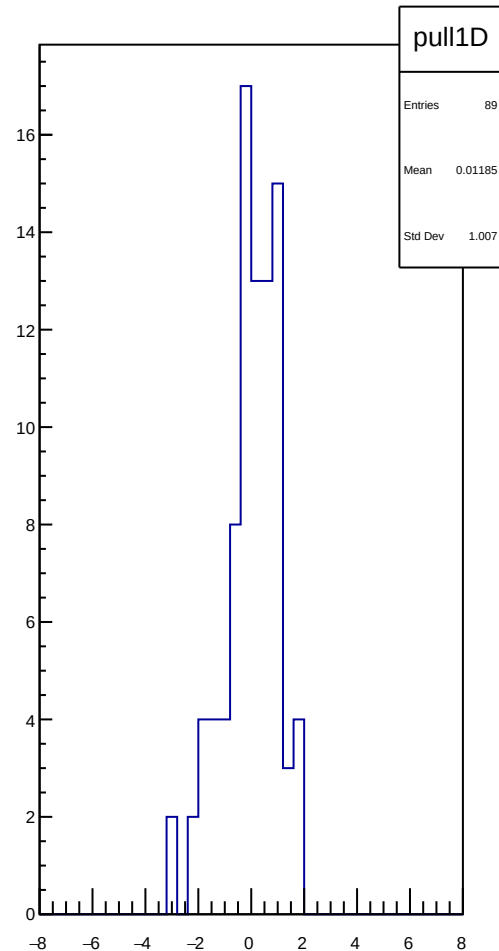
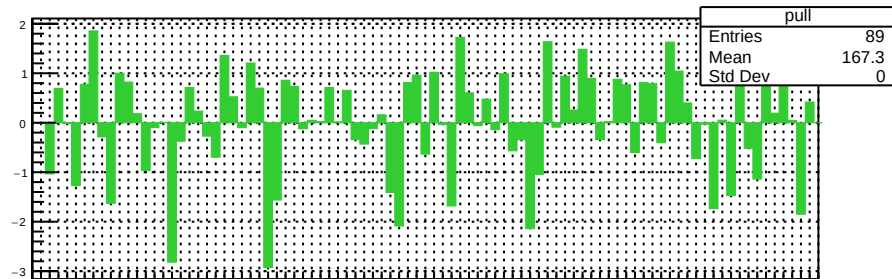
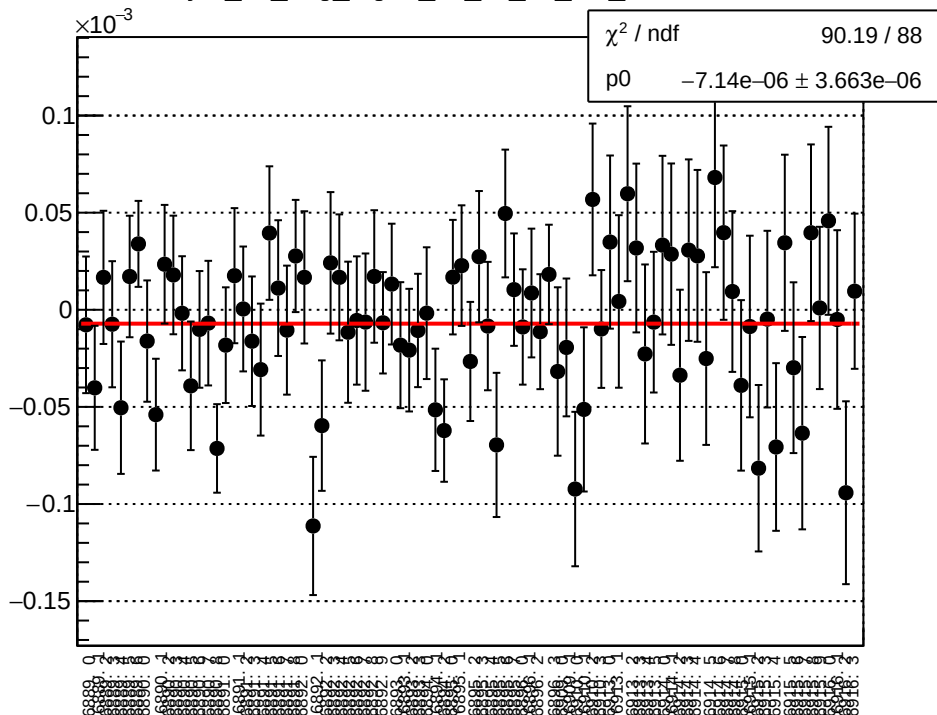
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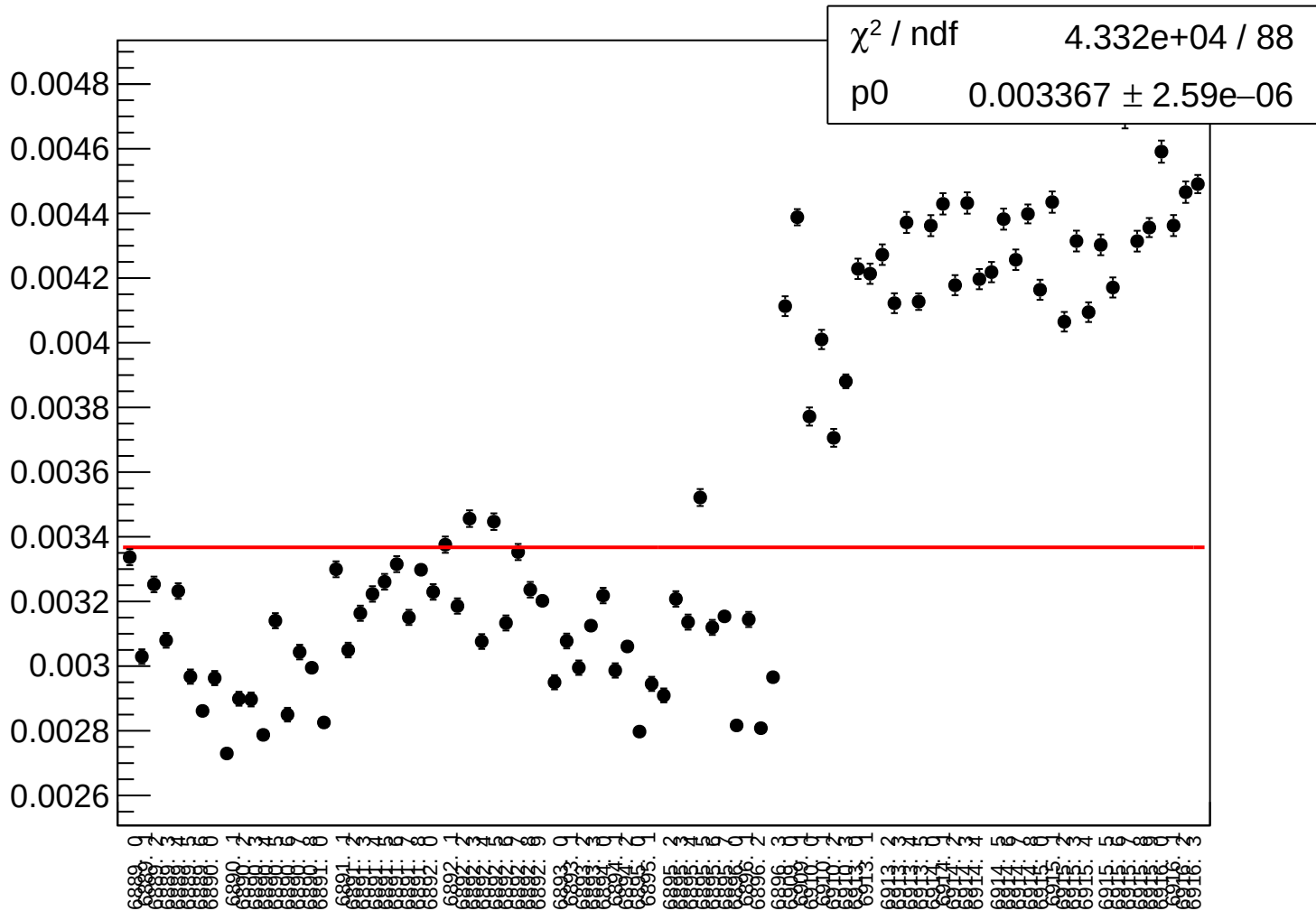
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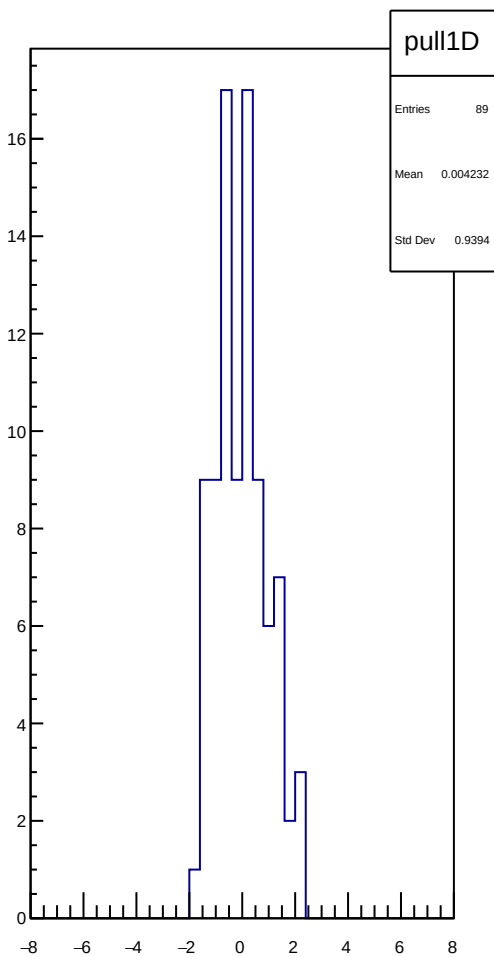
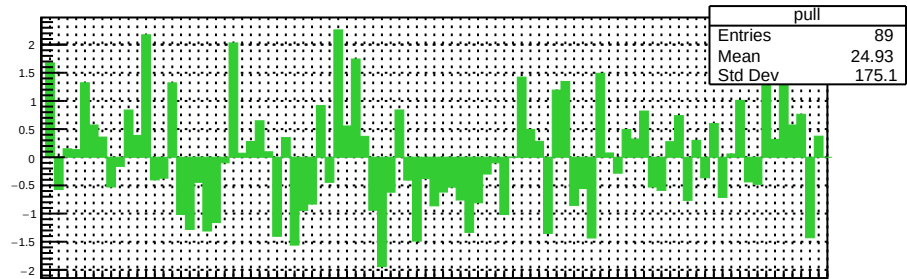
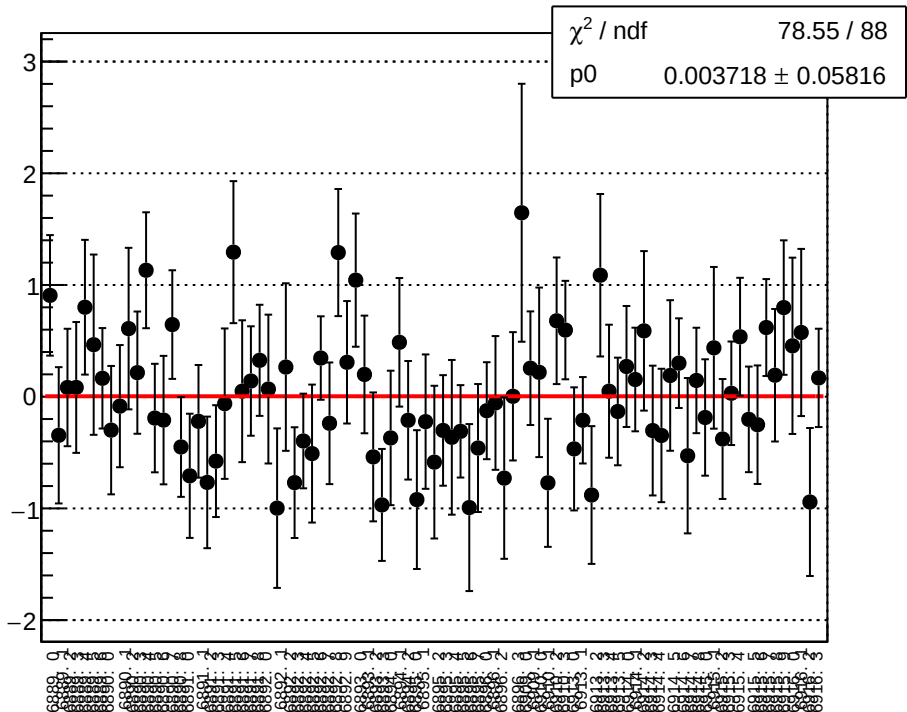
asym_us_avg_eigen_dit_vs_dit_diff_mean vs run



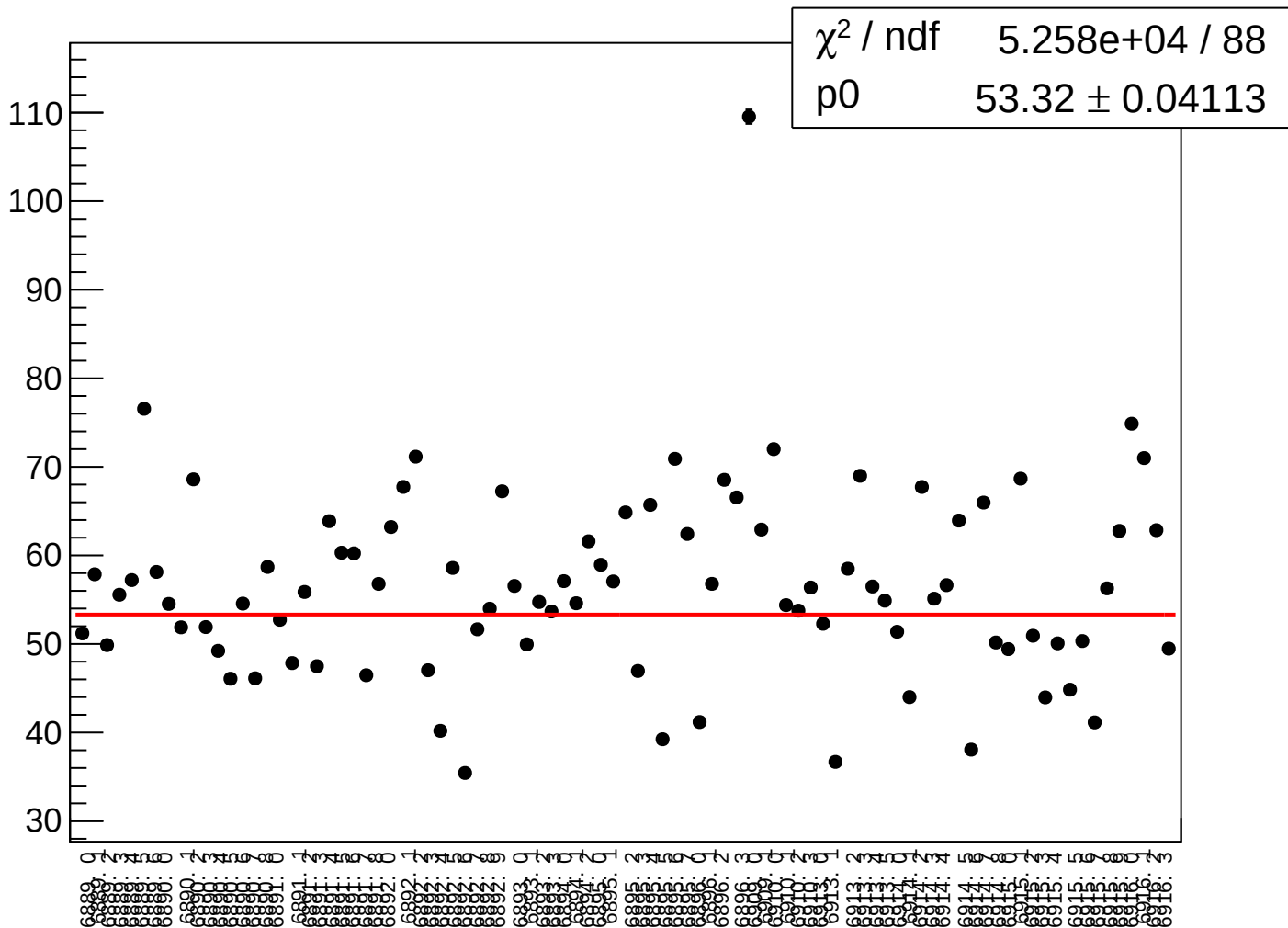
asym_us_avg_eigen_dit_vs_dit_diff_rms vs run



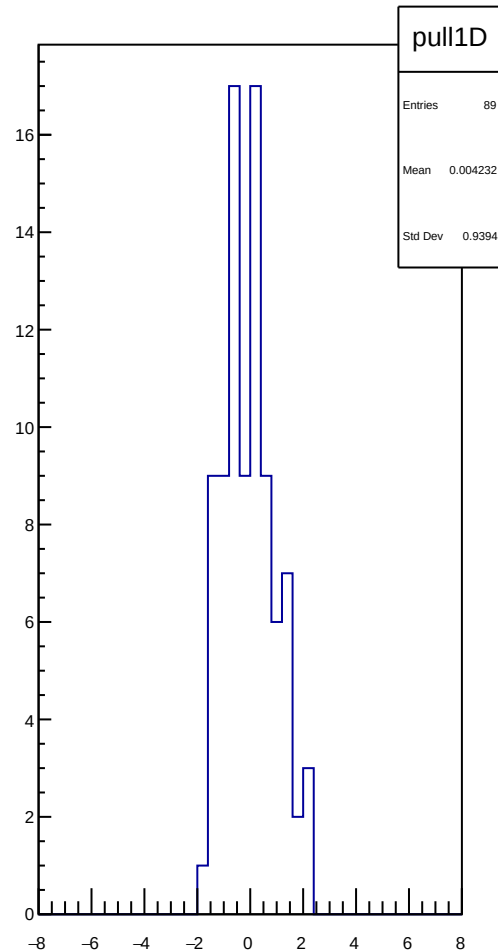
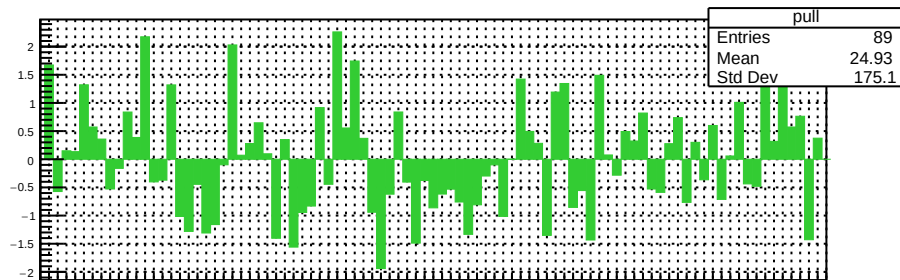
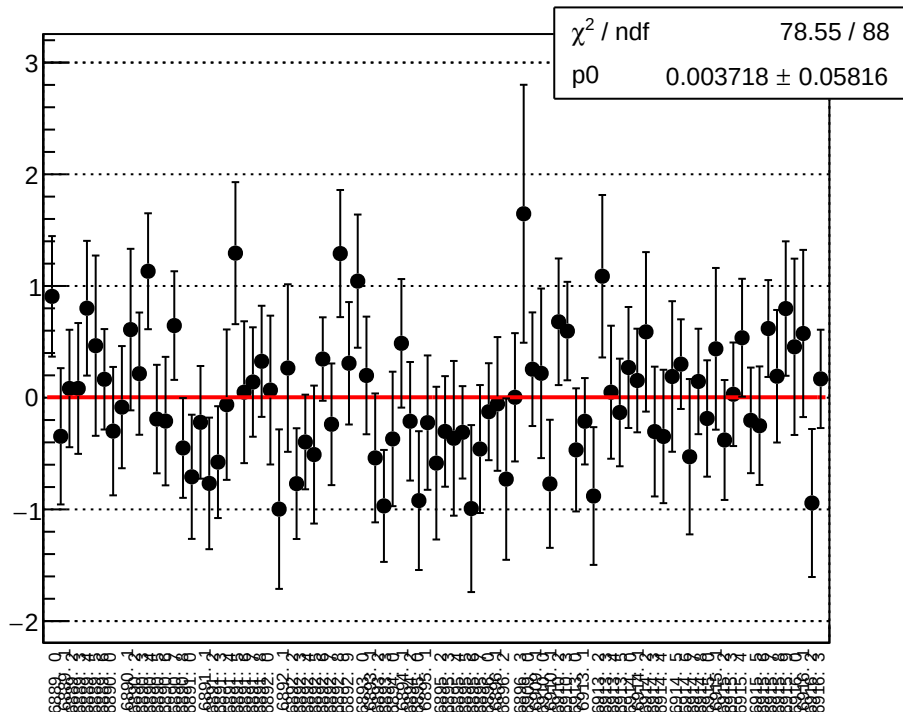
asym_us_avg_eigen_dit_vs_cor_diff_mean vs run



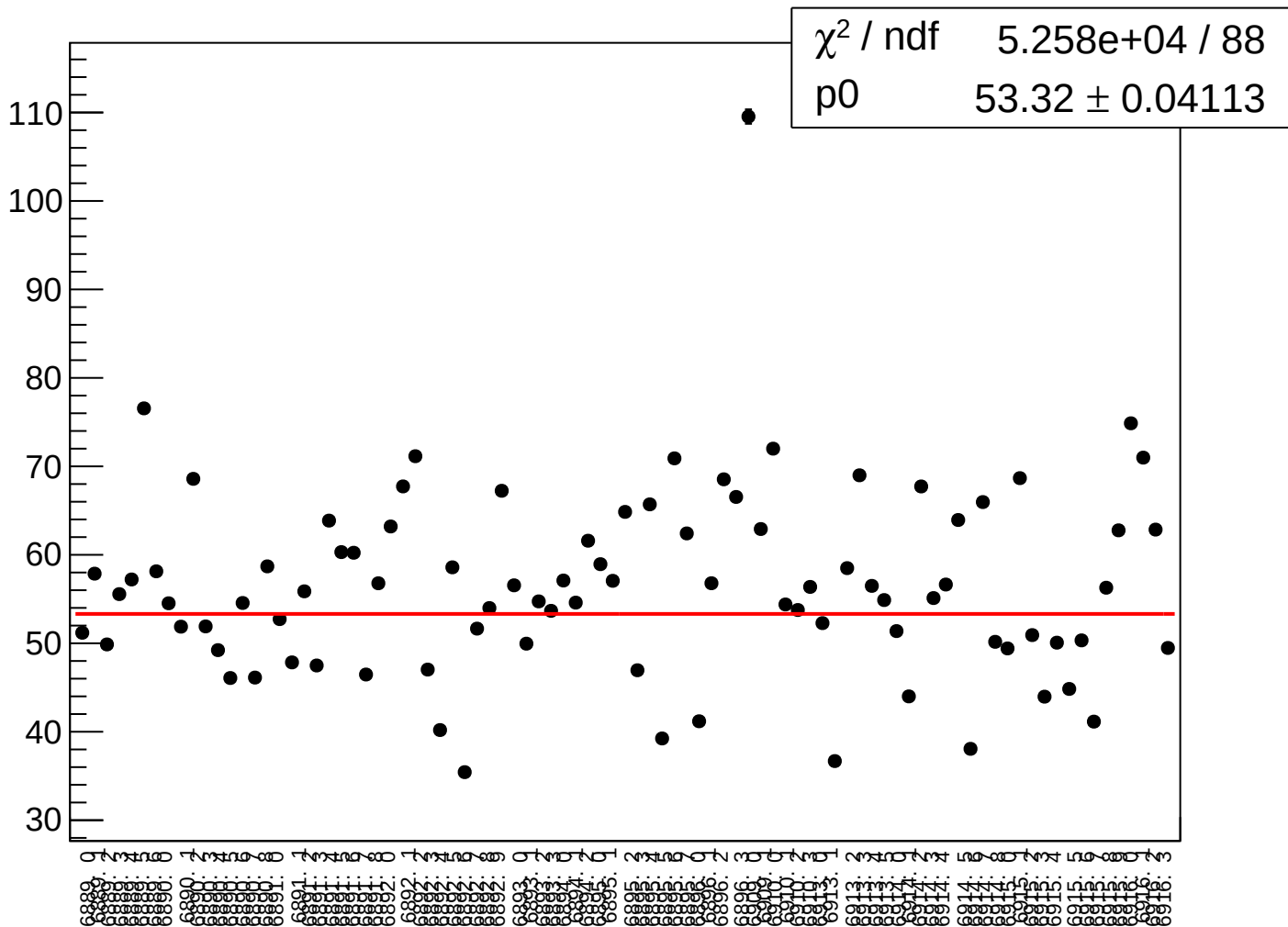
asym_us_avg_eigen_dit_vs_cor_diff_rms vs run



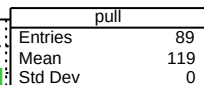
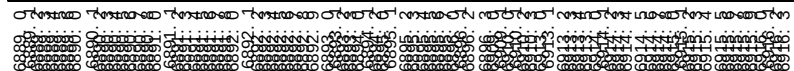
asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs run



asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



69.41 / 88

$$-0.07568 \pm 0.08386$$


Entries

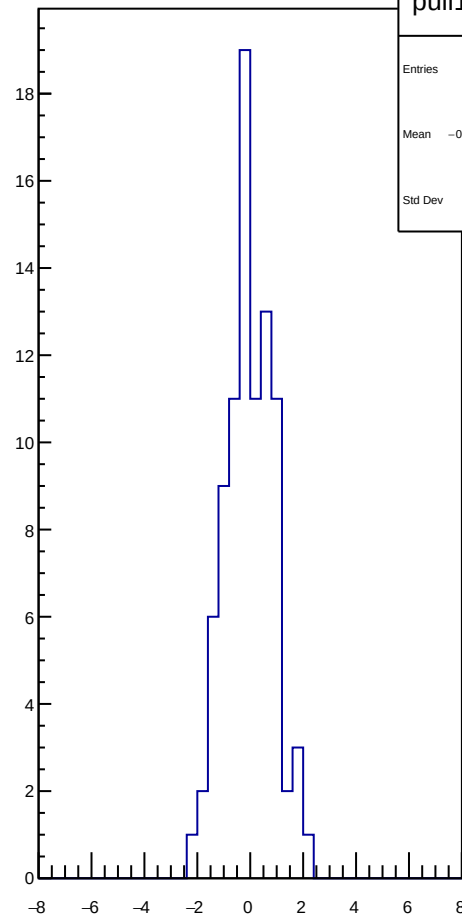
Mean

Std Dev

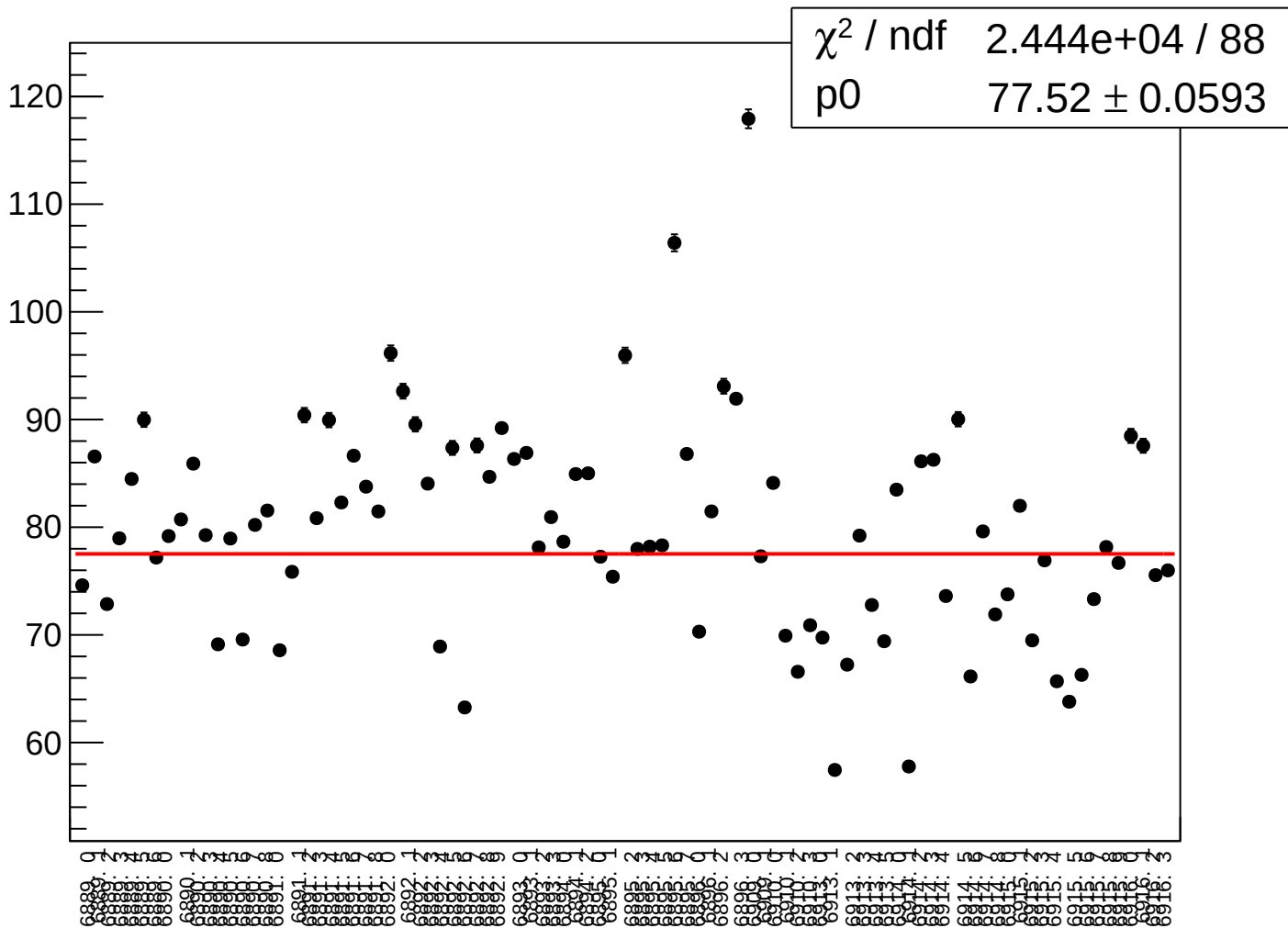
Entries	89
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Mean	-0.01018
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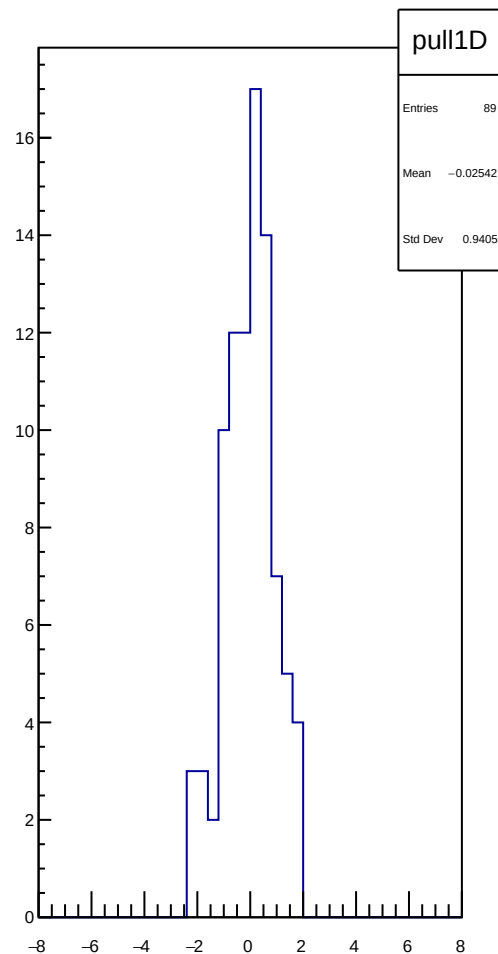
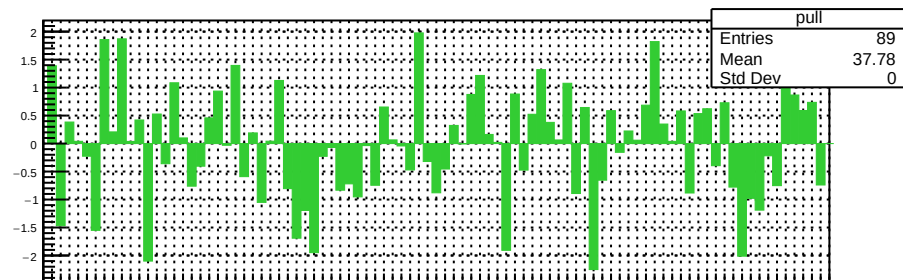
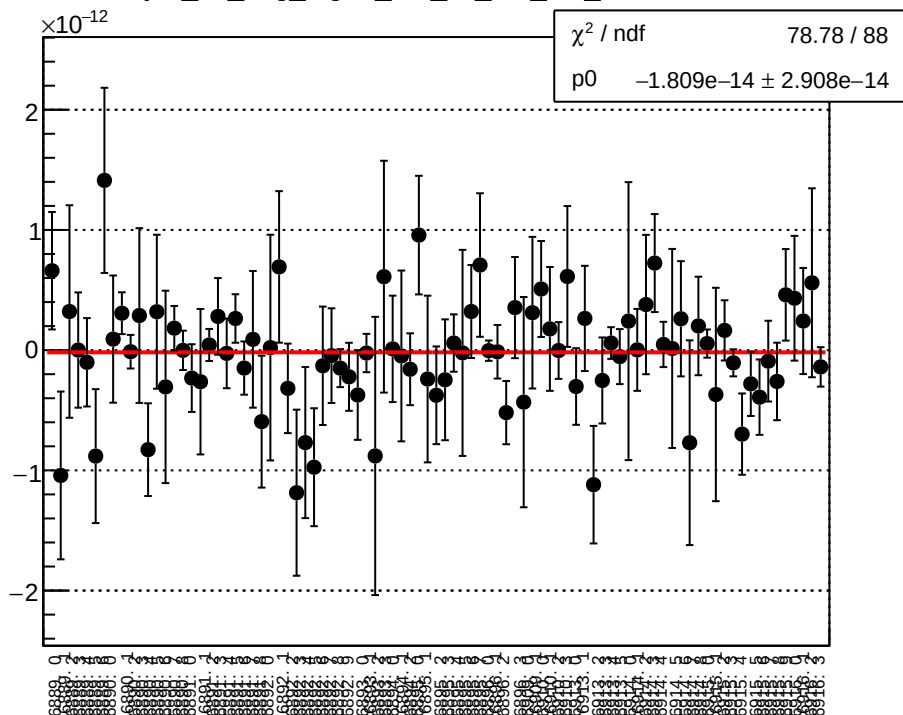
Std Dev	0,883
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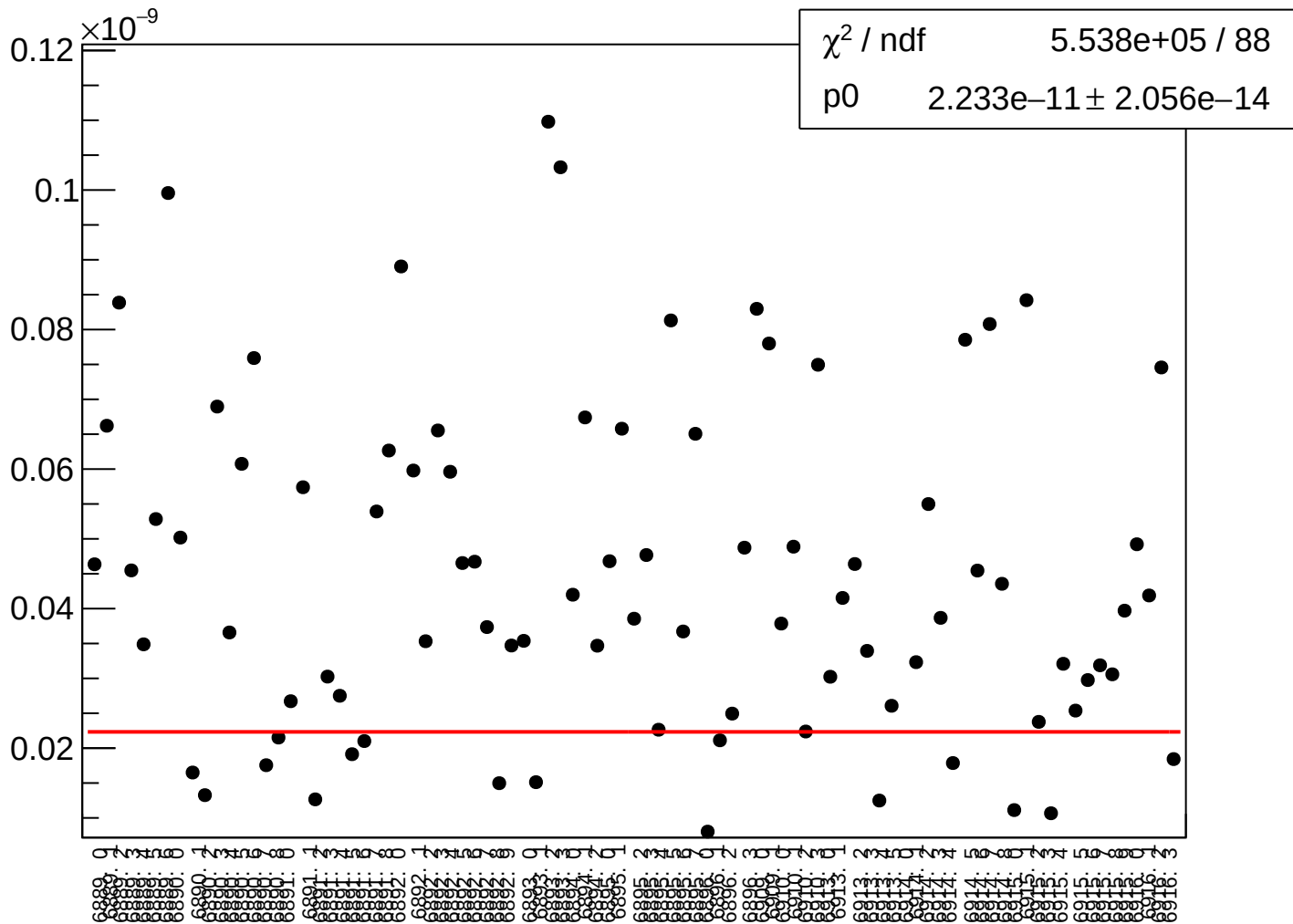
asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs run



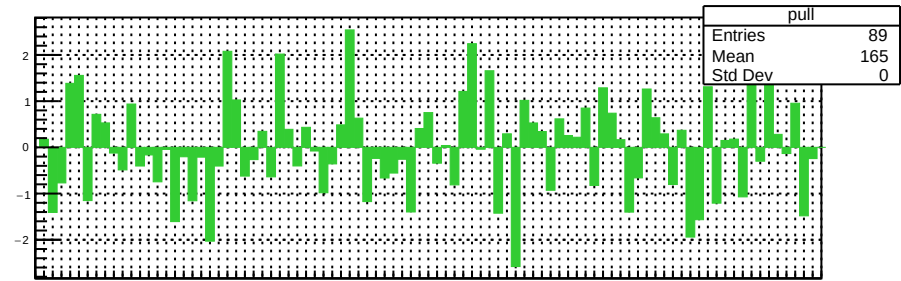
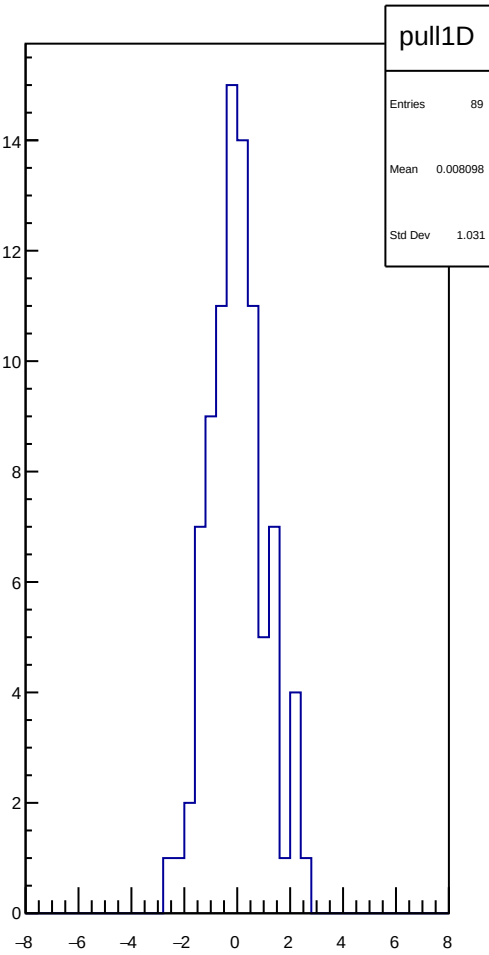
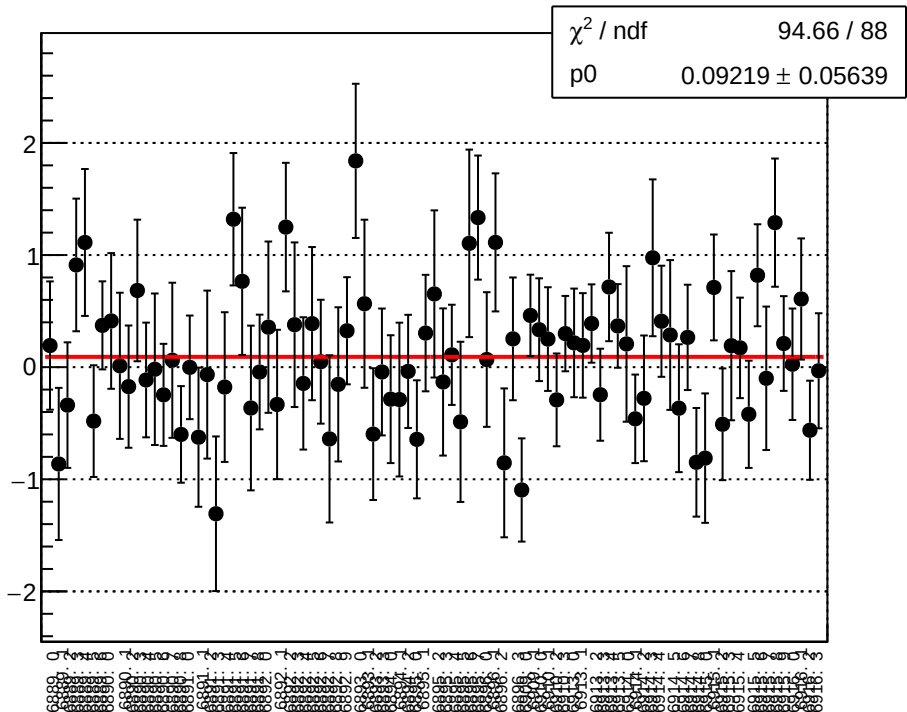
asym_us_avg_eigen_cor_vs_cor_diff_mean vs run



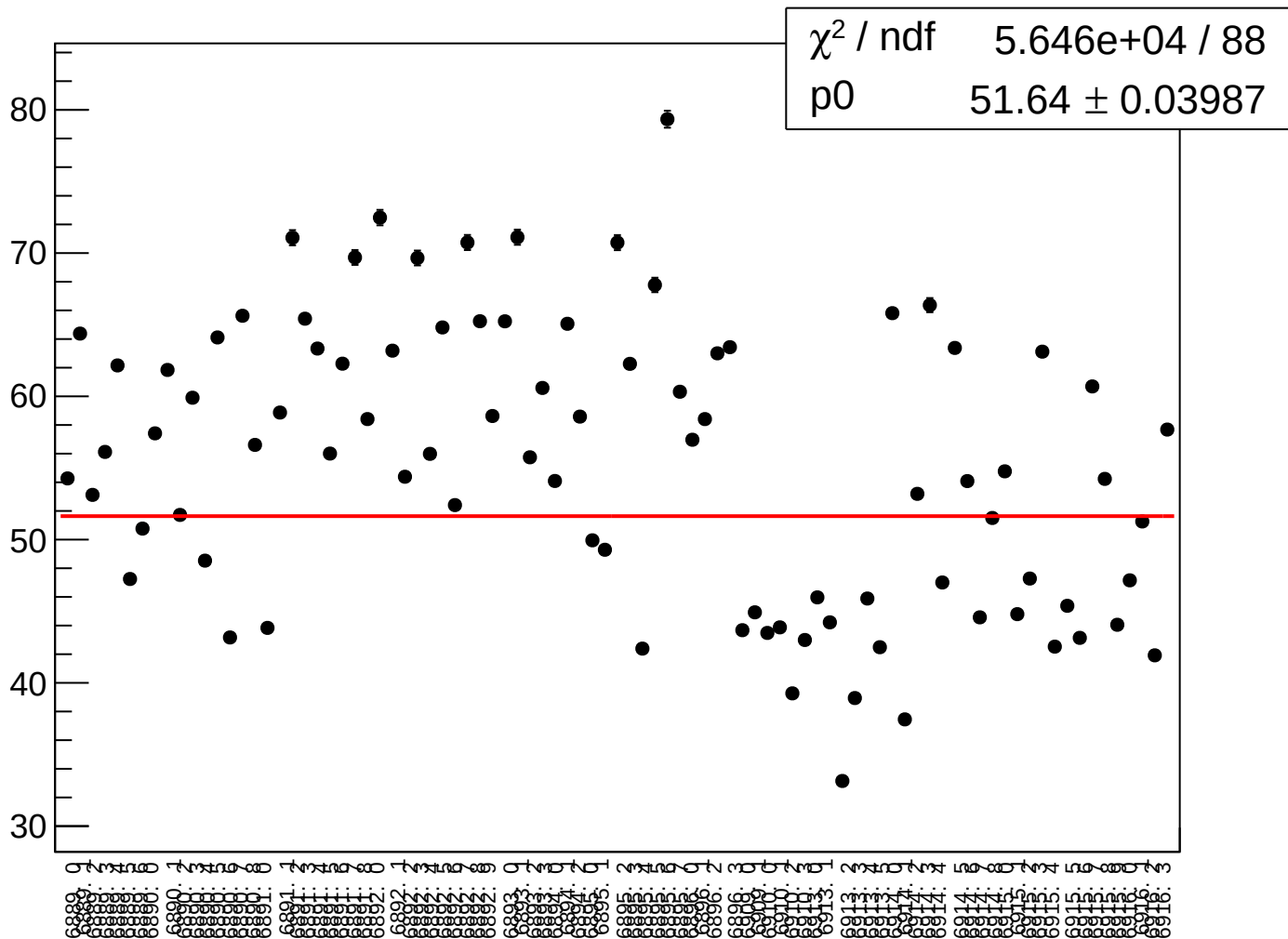
asym_us_avg_eigen_cor_vs_cor_diff_rms vs run



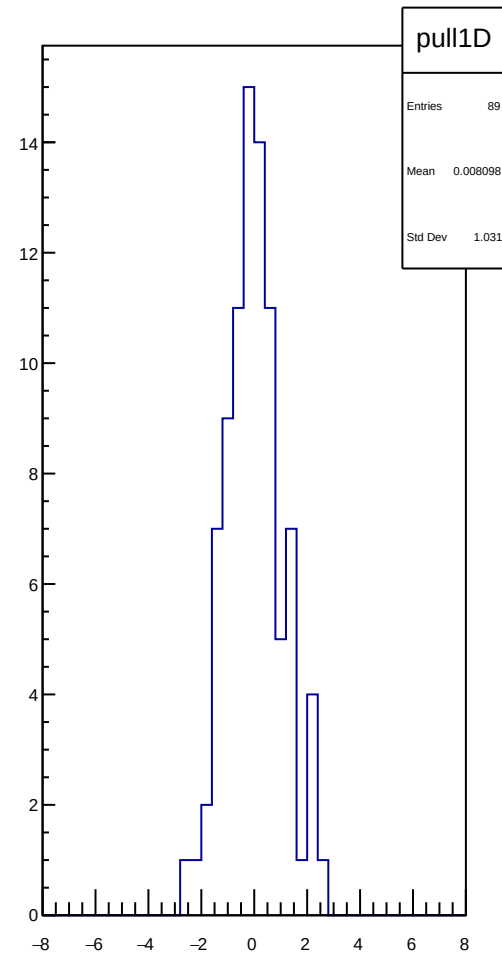
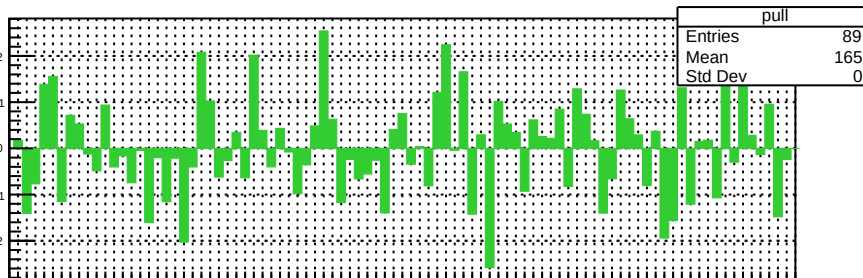
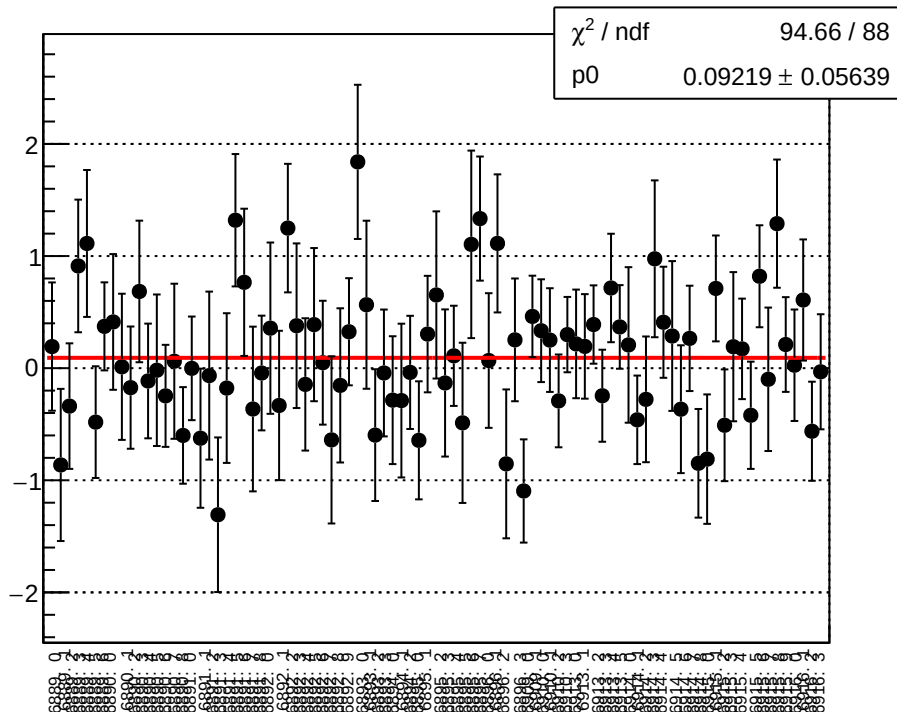
asym_us_avg_overload_cor_vs_cor_diff_mean vs run



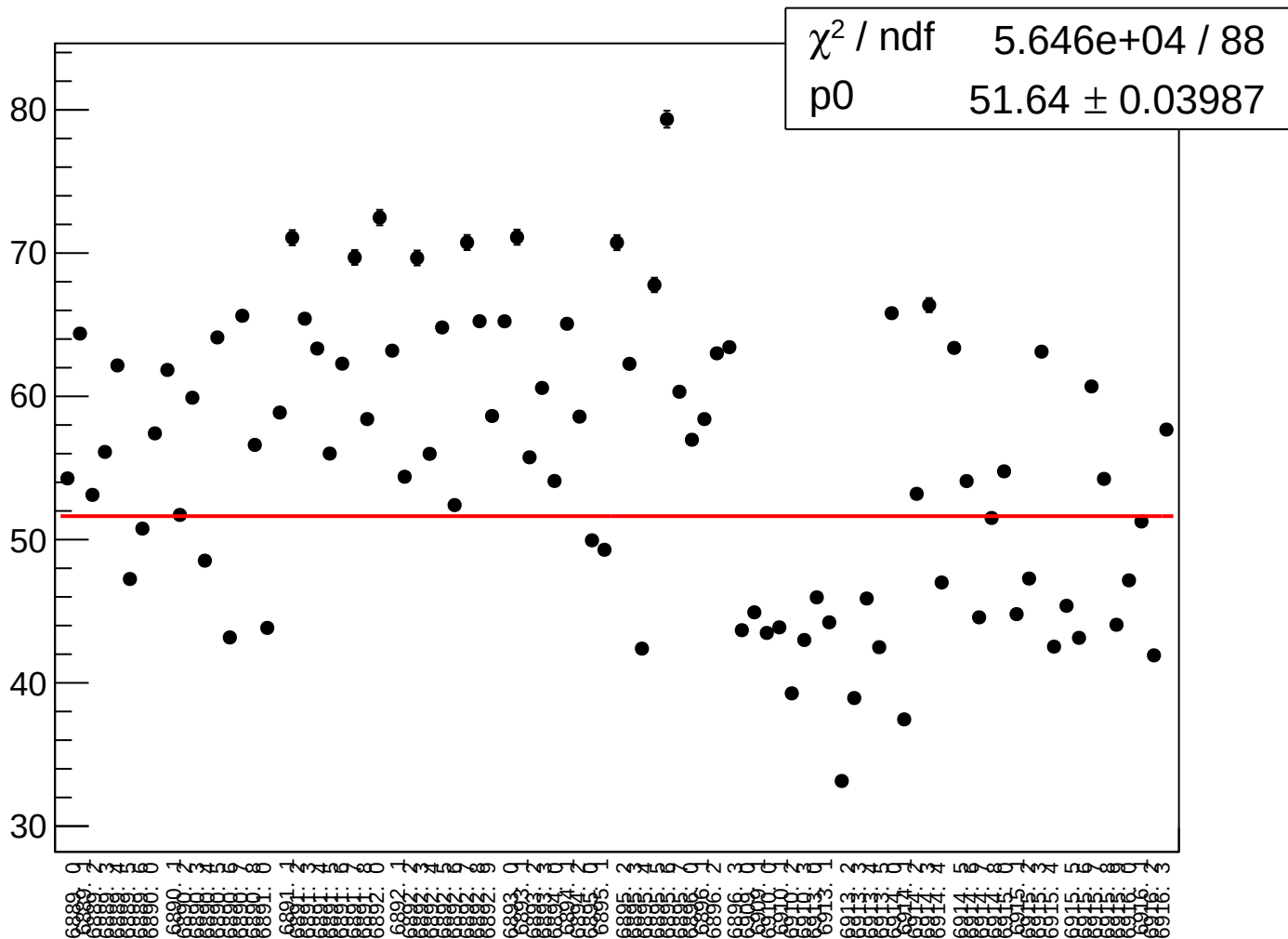
asym_us_avg_overload_cor_vs_cor_diff_rms vs run



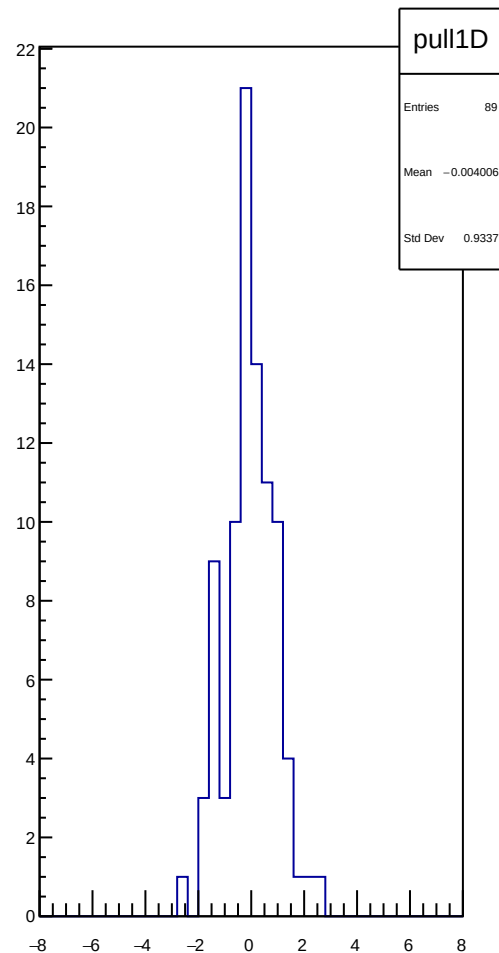
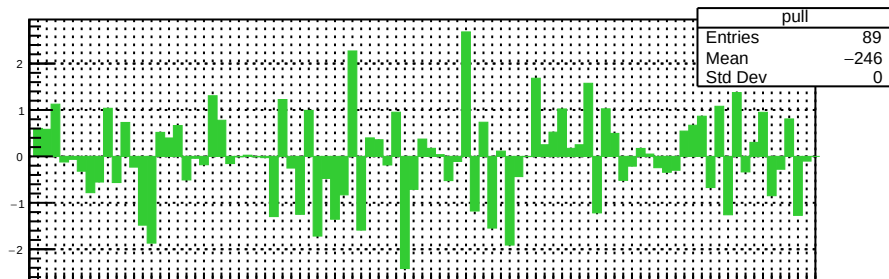
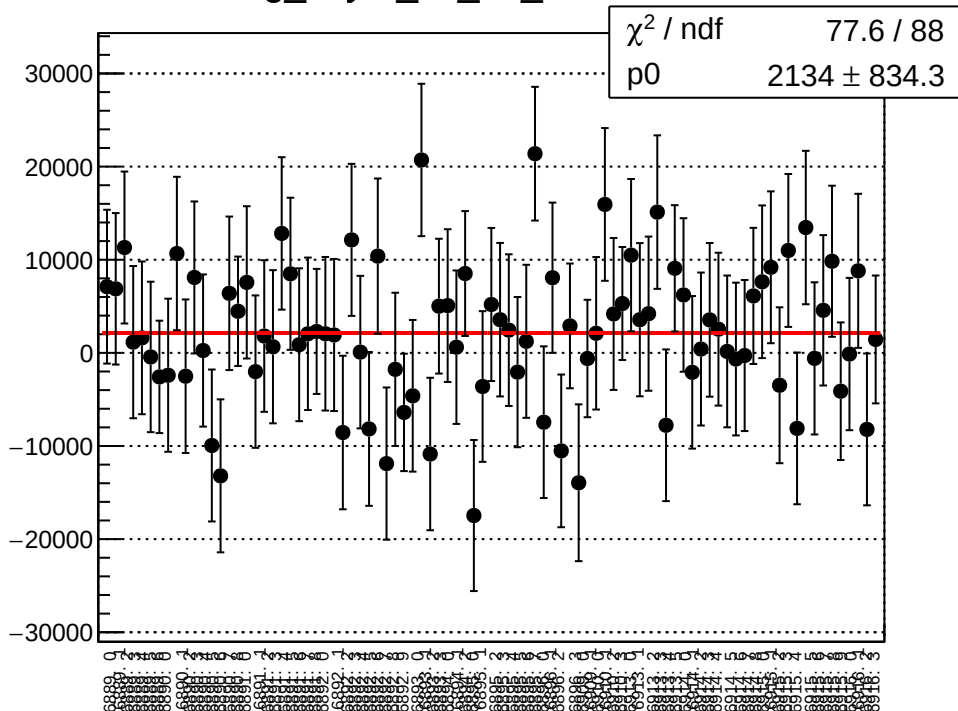
asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs run



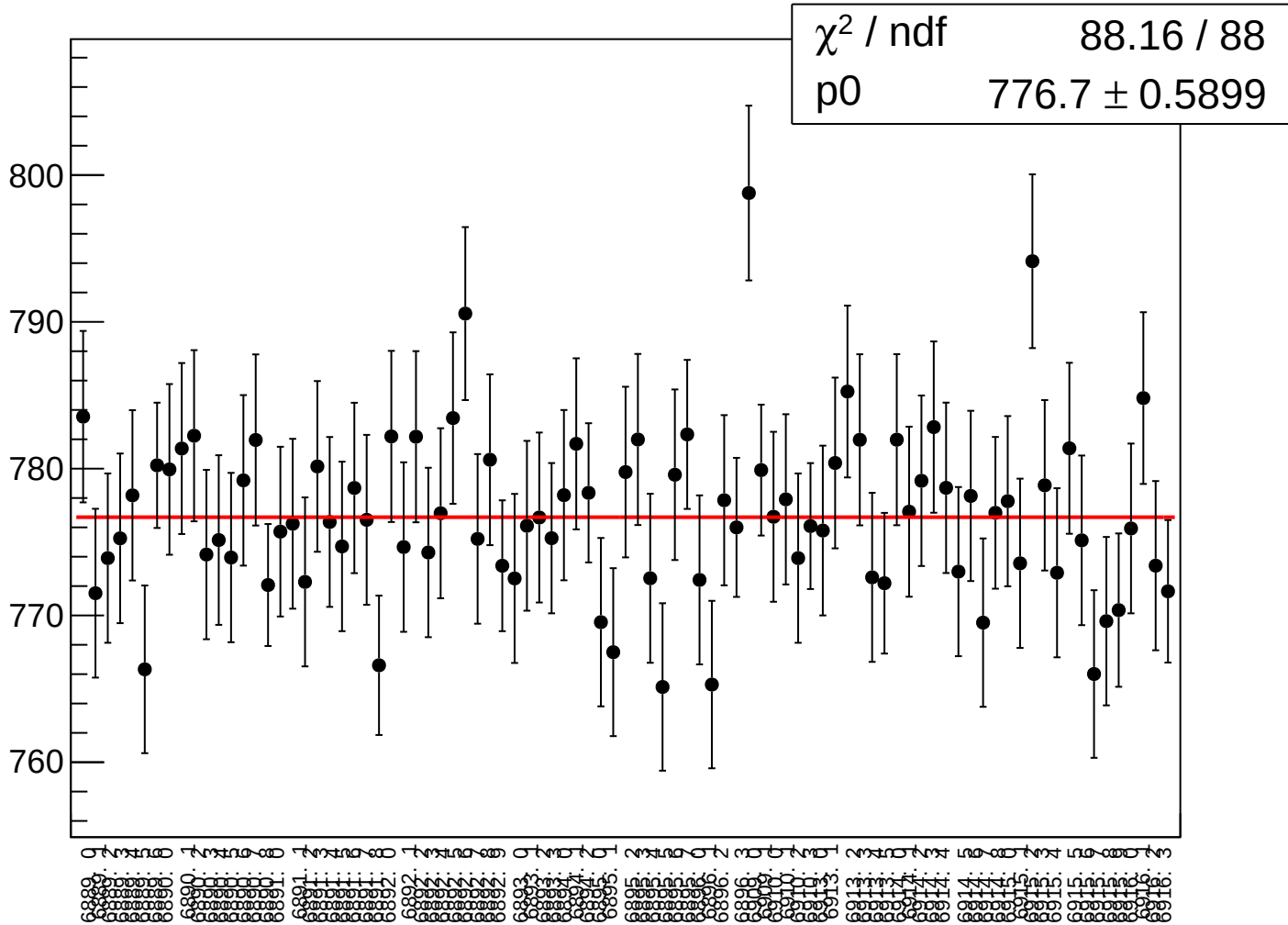
asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs run



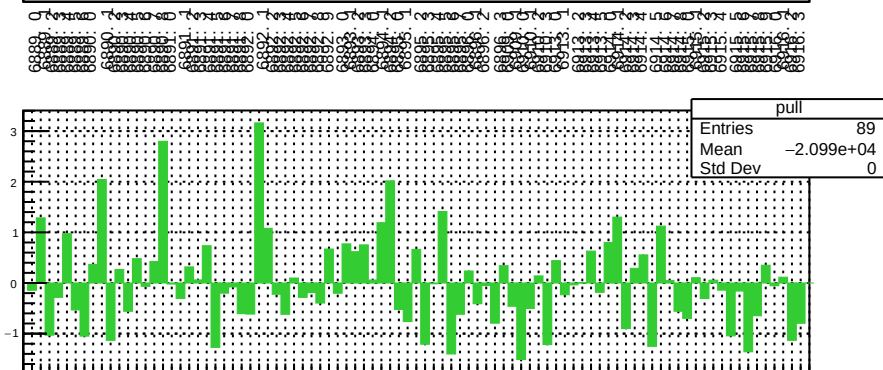
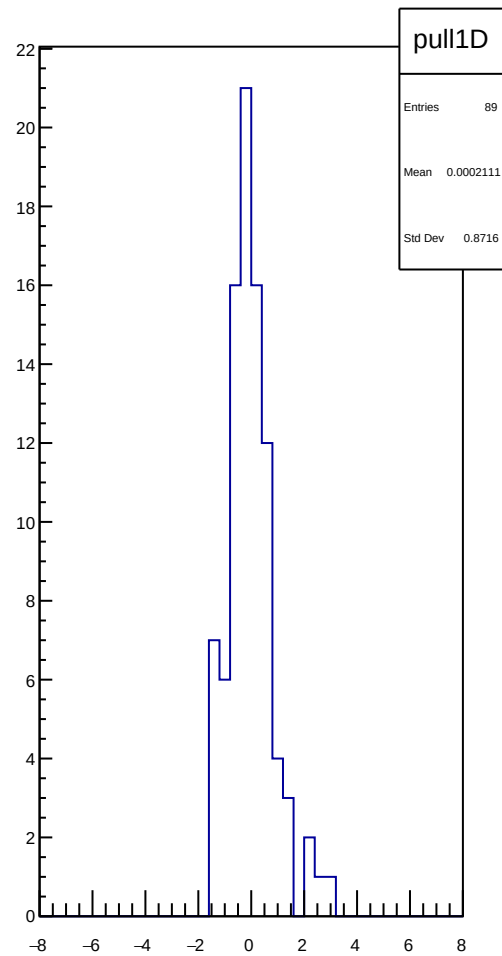
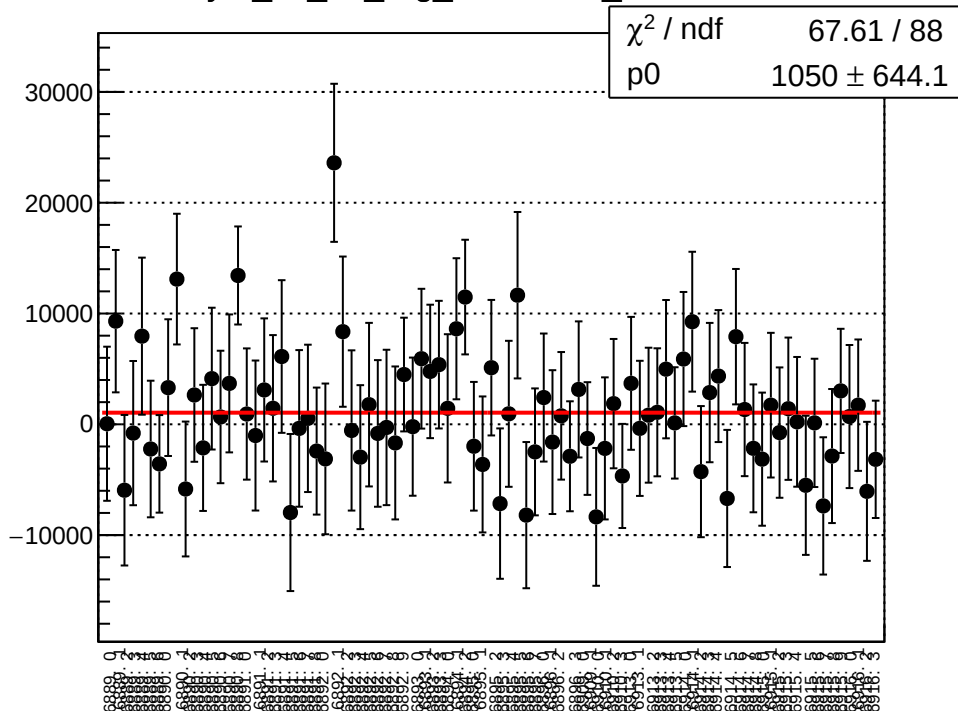
reg_asym_us_dd_mean vs run



reg_asym_us_dd_rms vs run



asym_us_dd_reg_correction_mean vs run



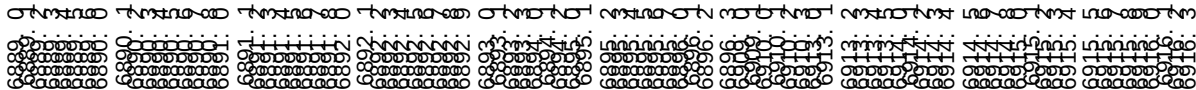
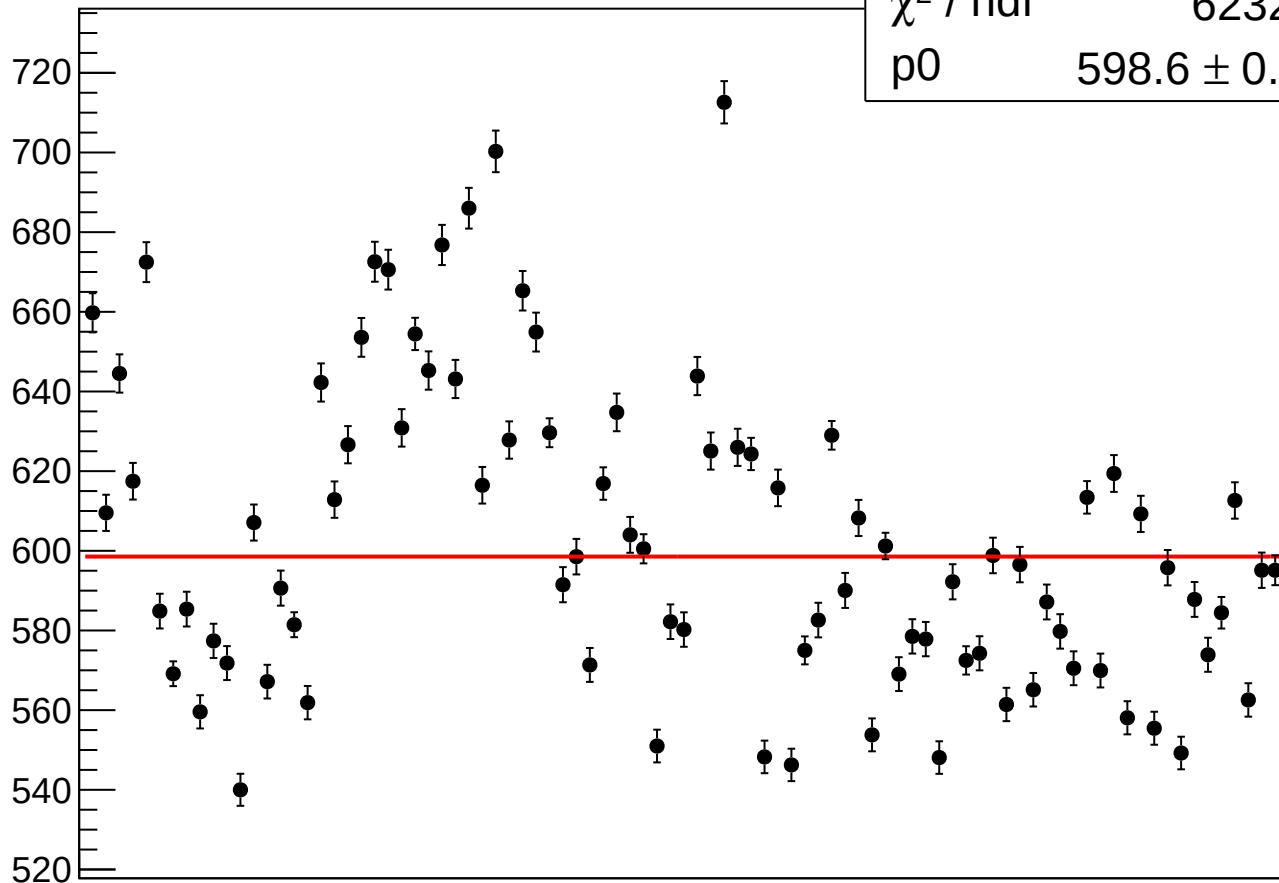
asym_us_dd_reg_correction_rms vs run

χ^2 / ndf

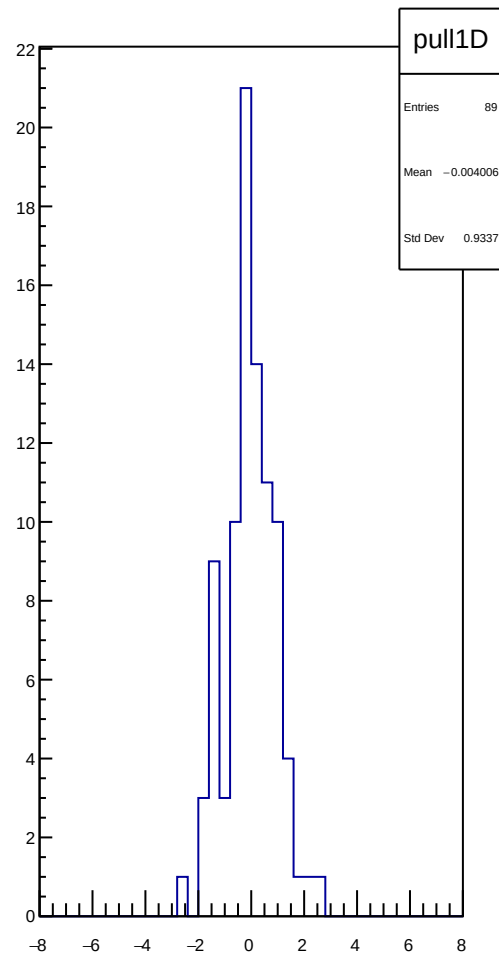
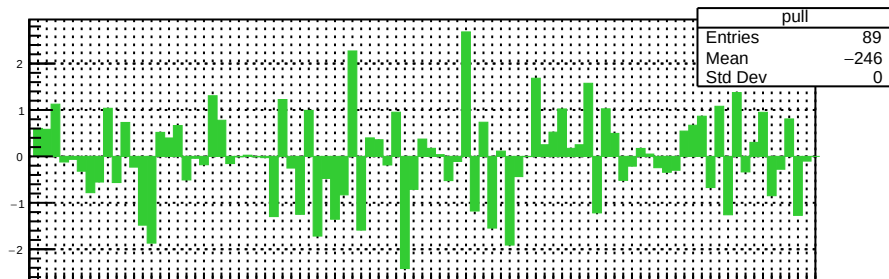
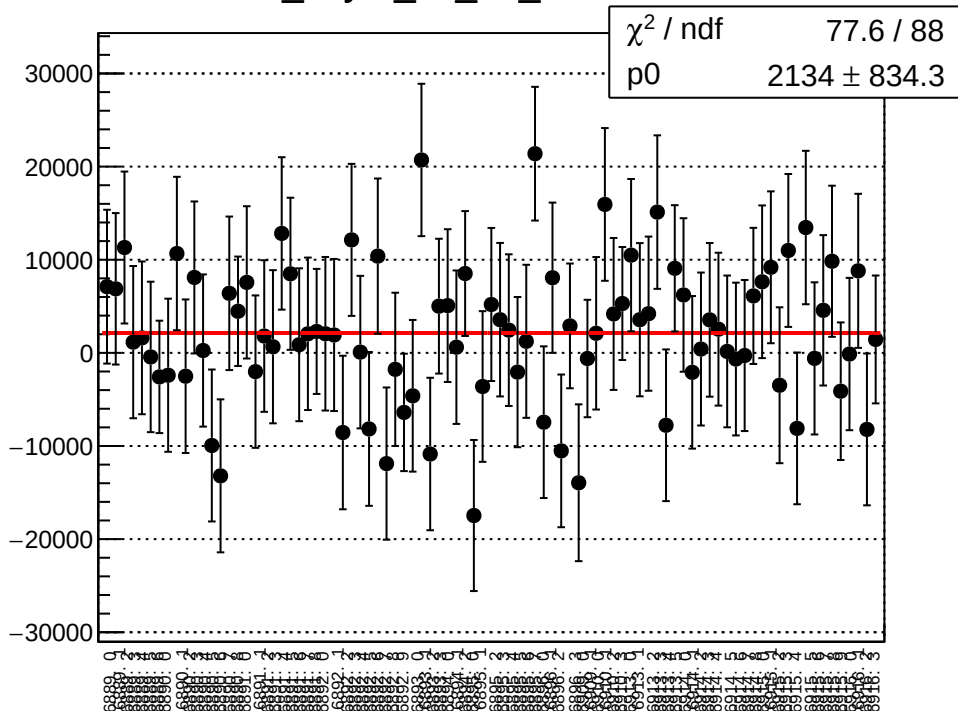
6232 / 88

p0

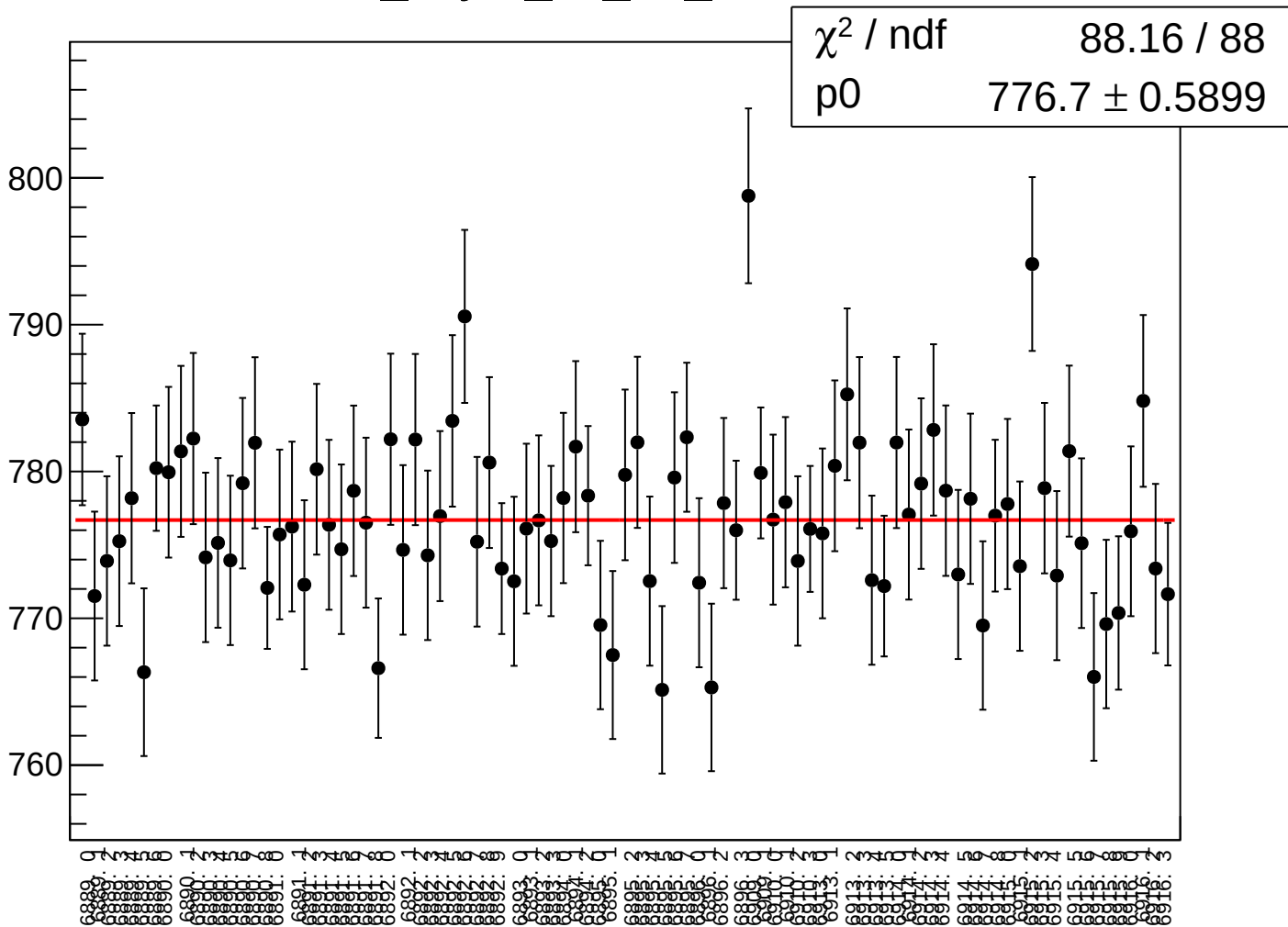
598.6 ± 0.4554



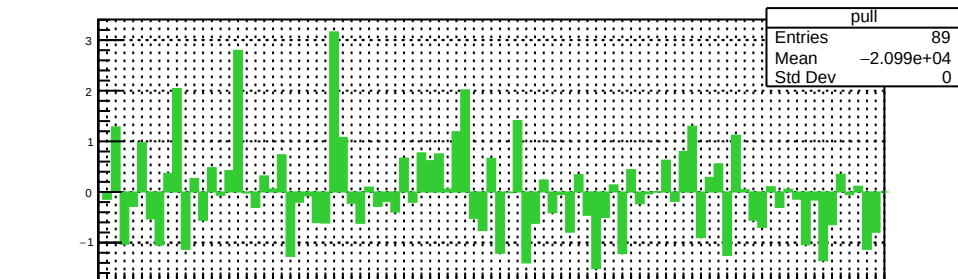
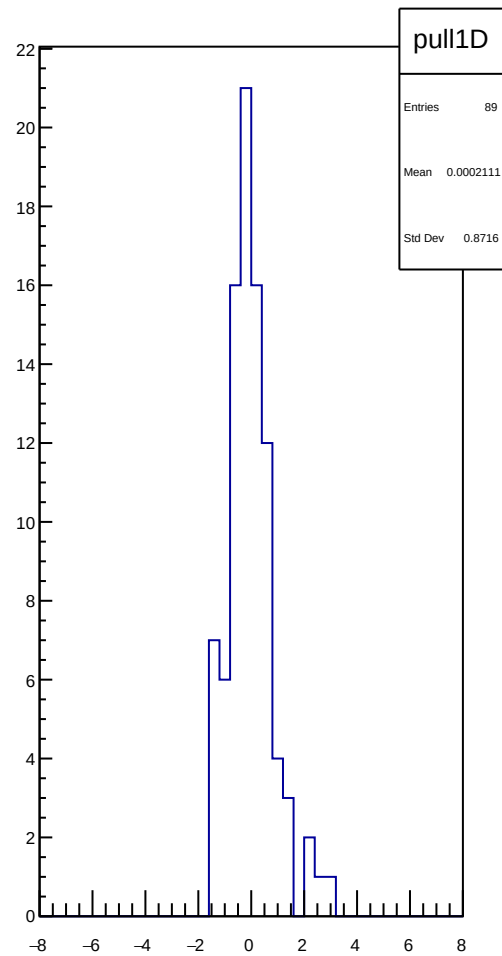
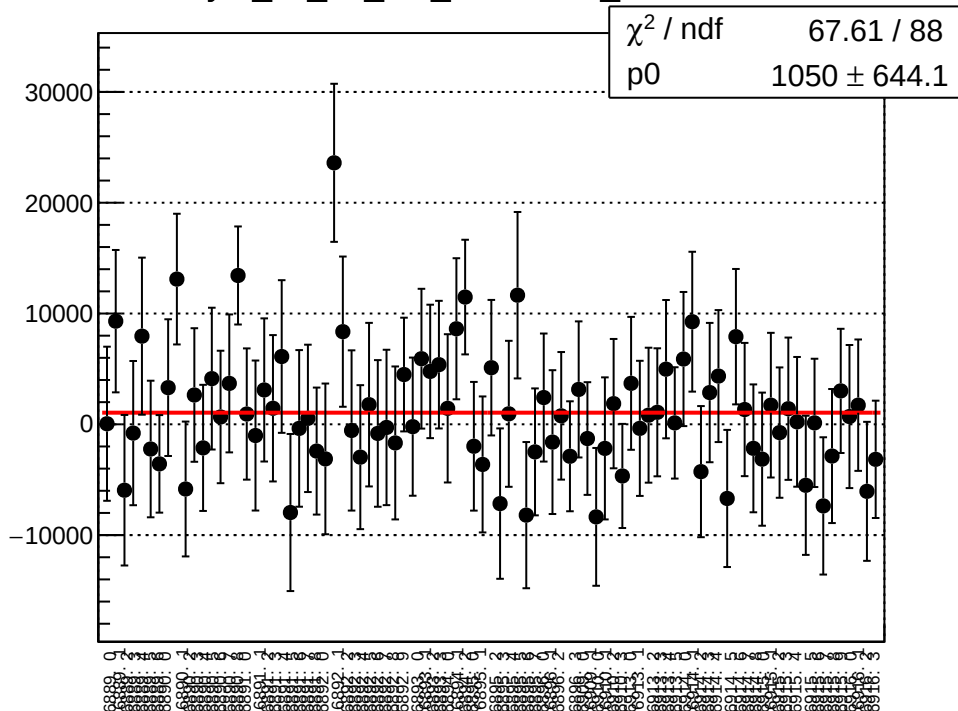
cor_asym_us_dd_mean vs run



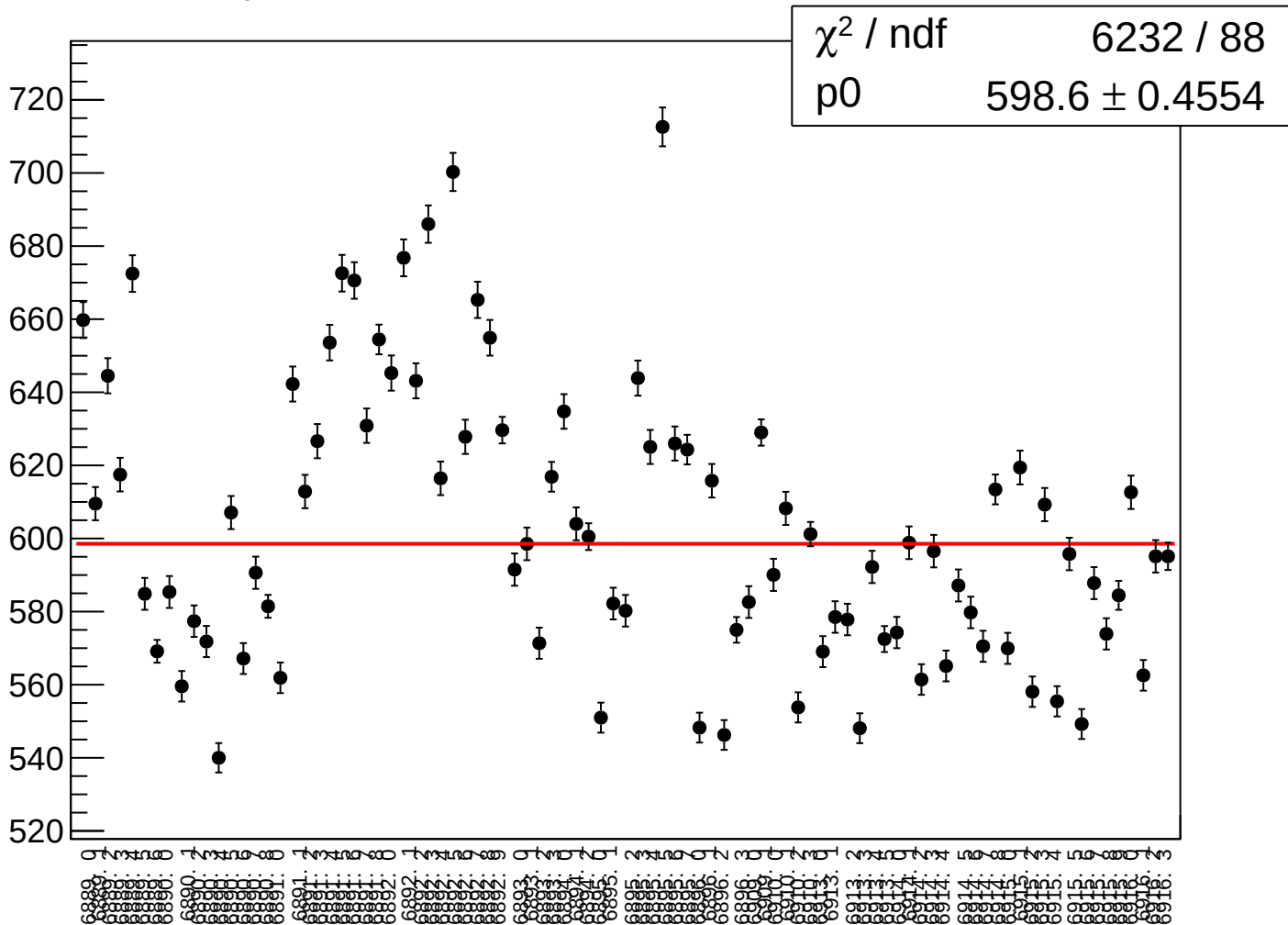
cor_asym_us_dd_rms vs run



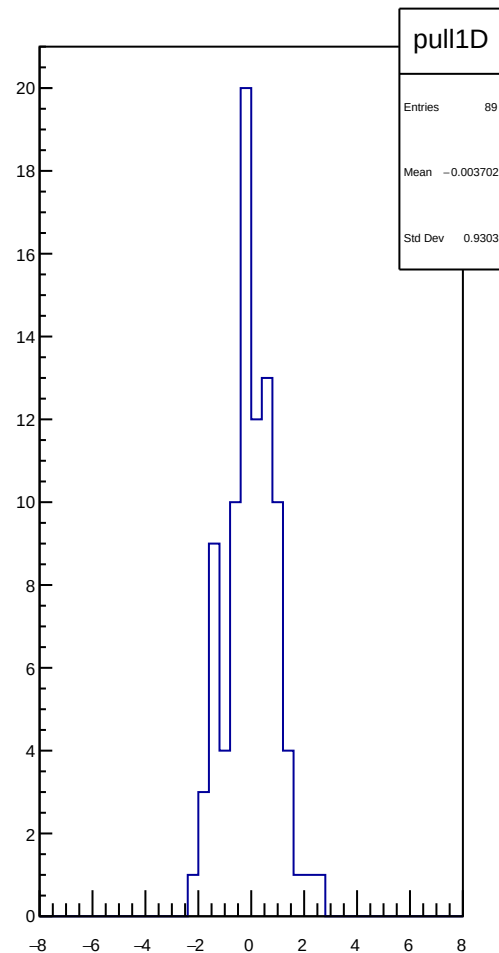
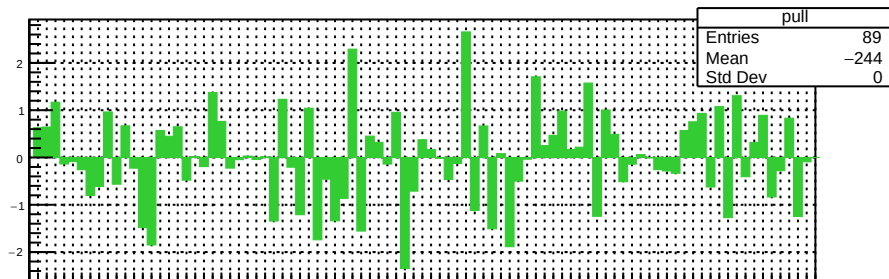
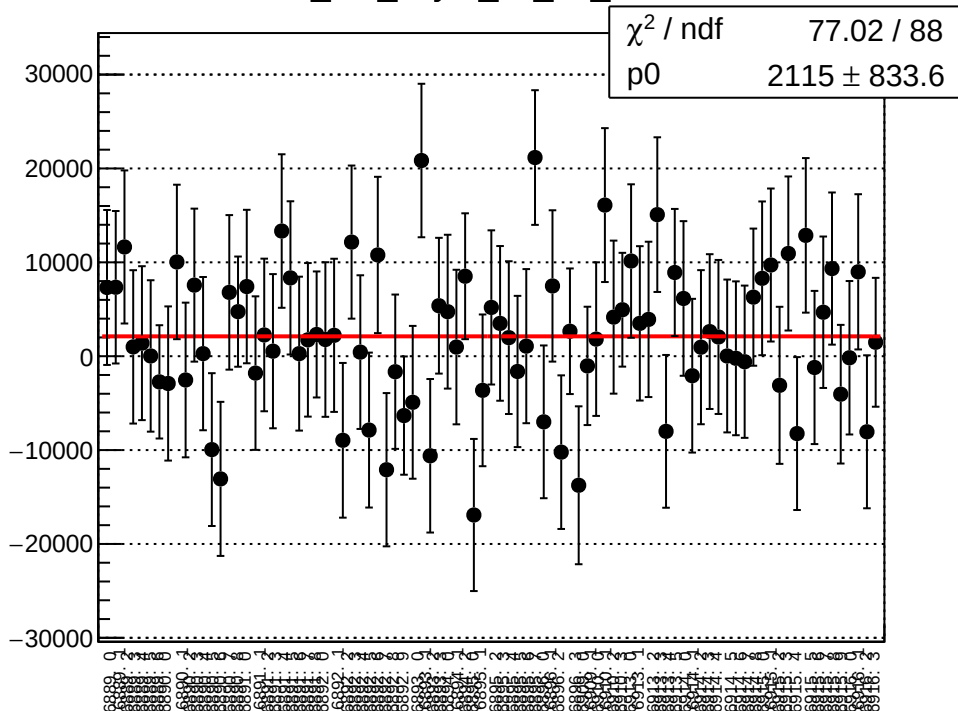
asym_us_dd_cor_correction_mean vs run



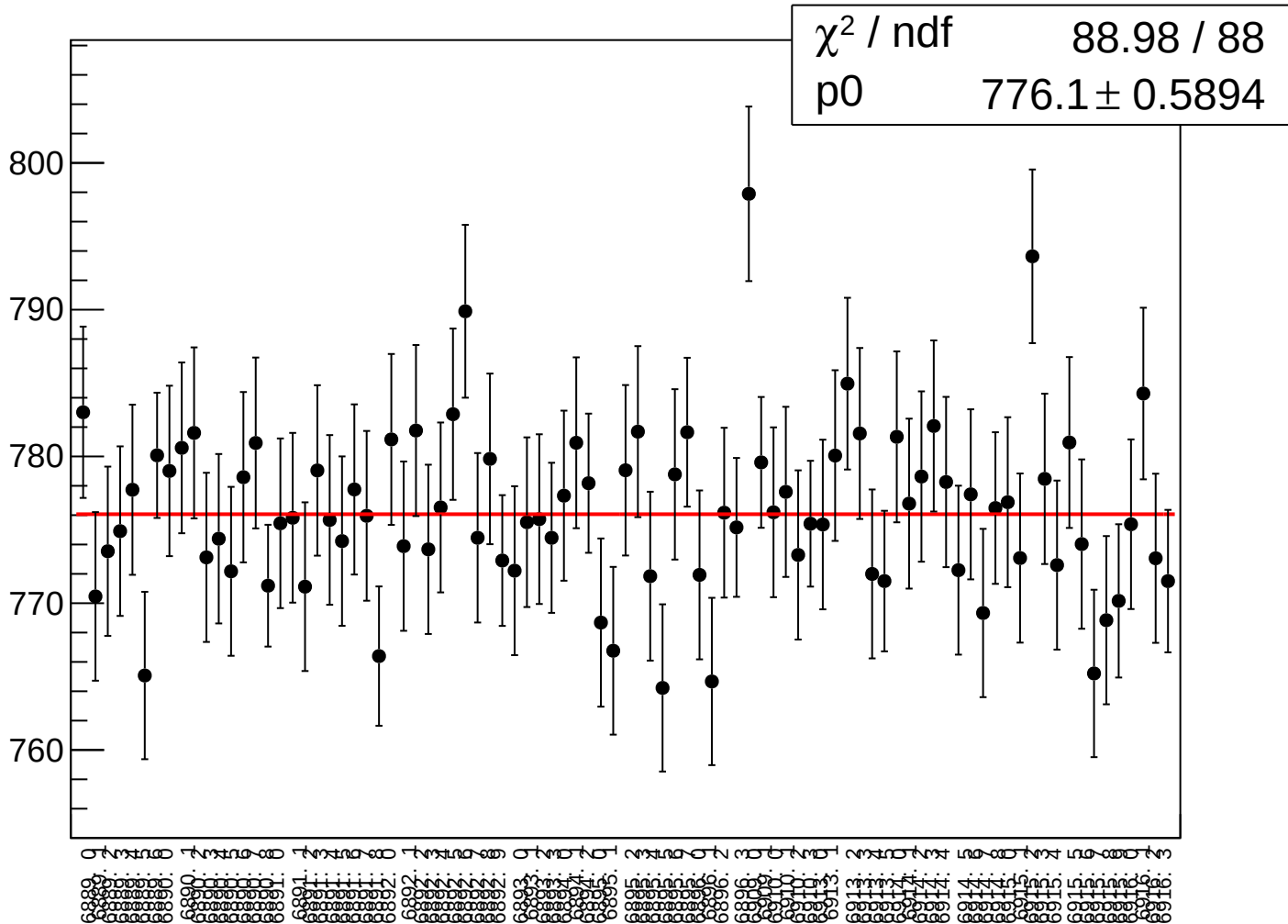
asym_us_dd_cor_correction_rms vs run



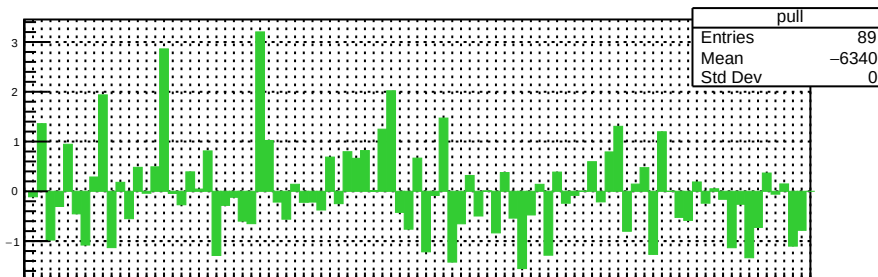
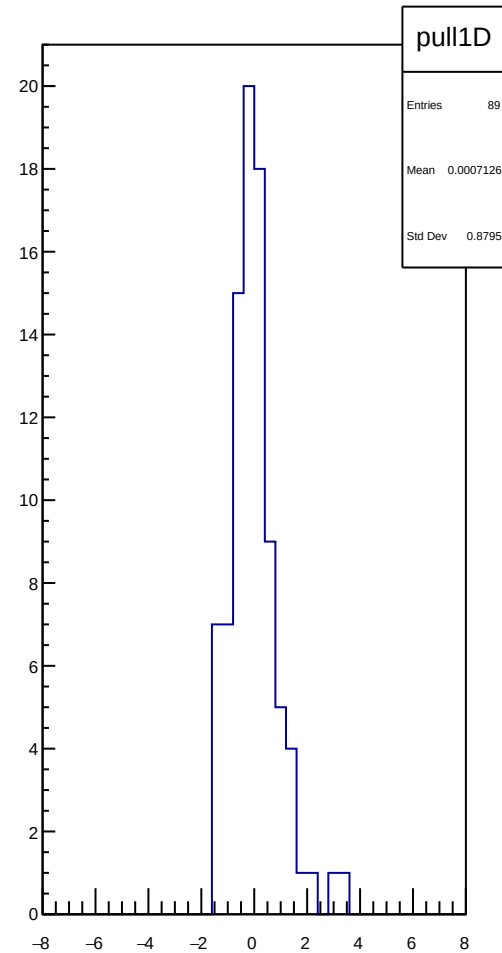
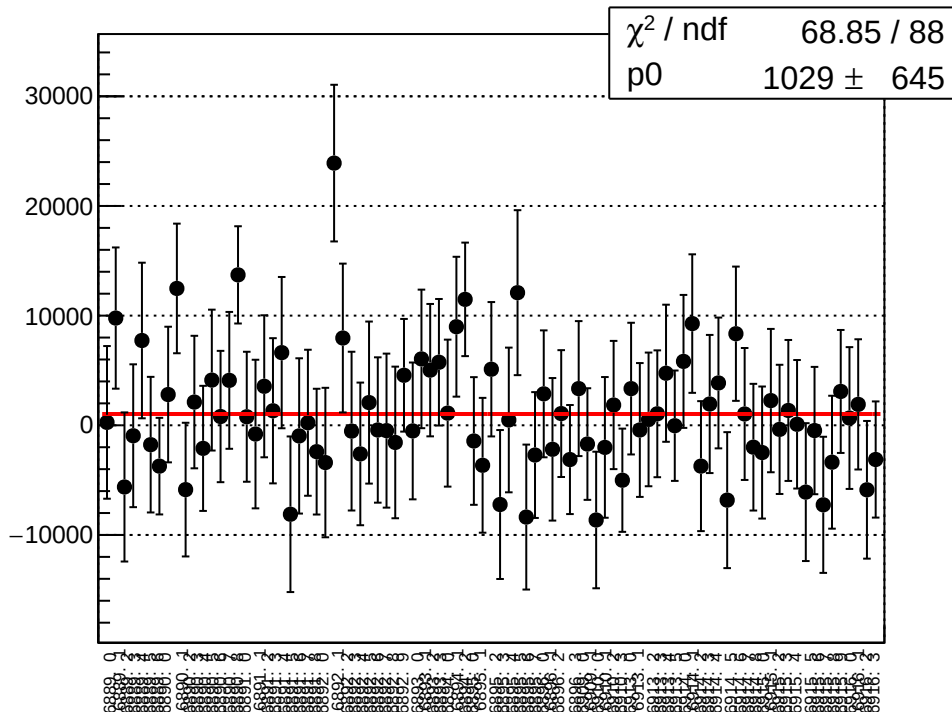
overload_cor_asym_us_dd_mean vs run



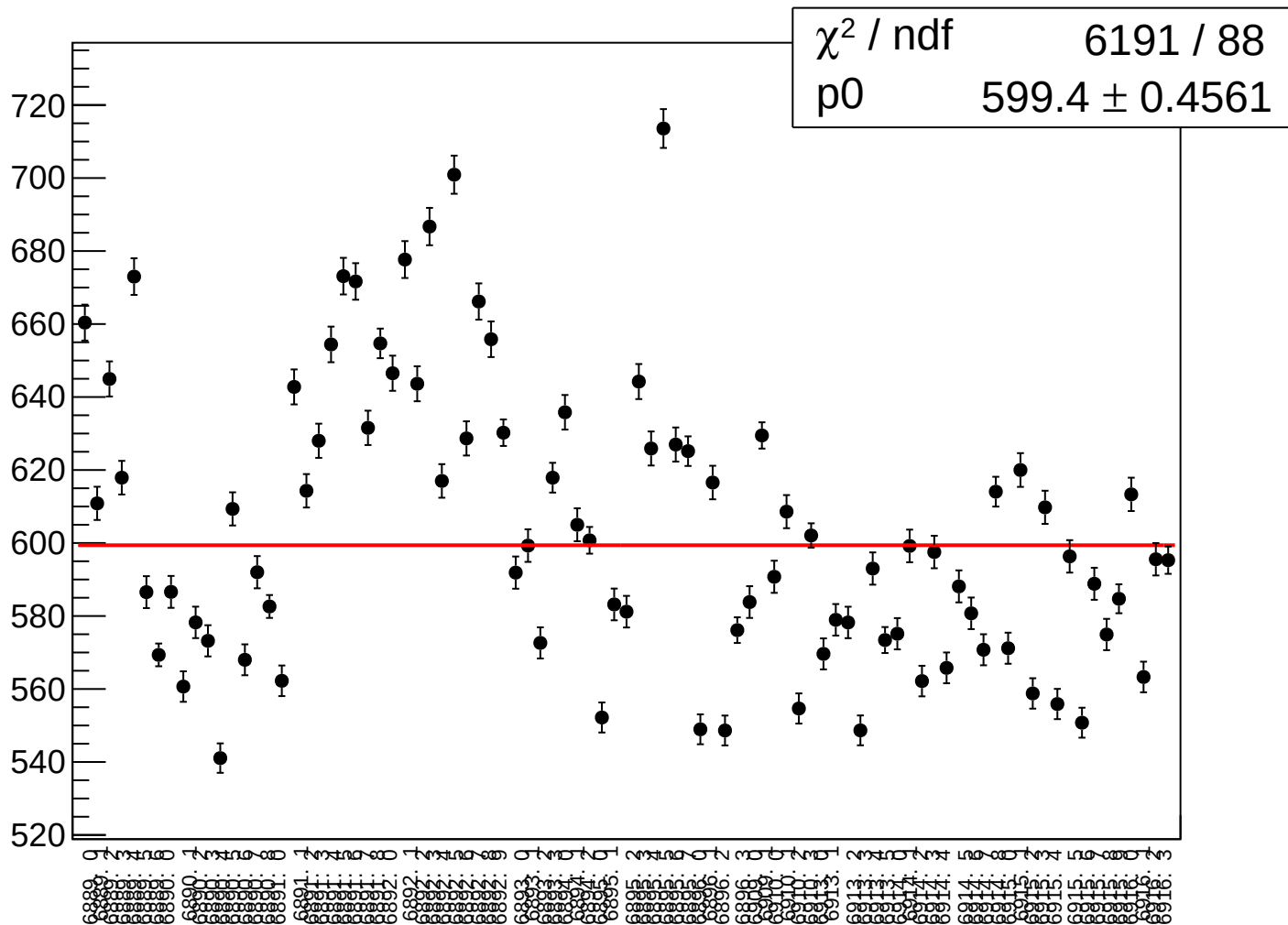
overload_cor_asym_us_dd_rms vs run



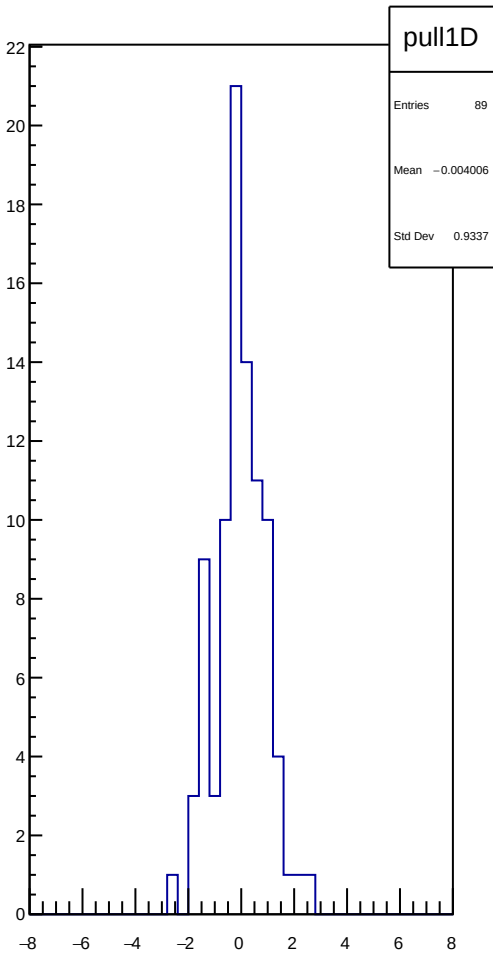
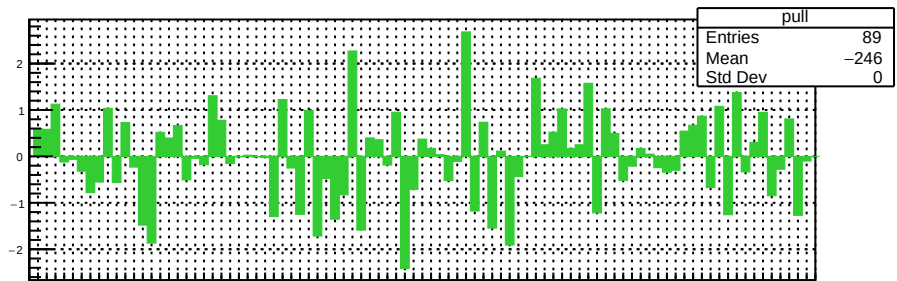
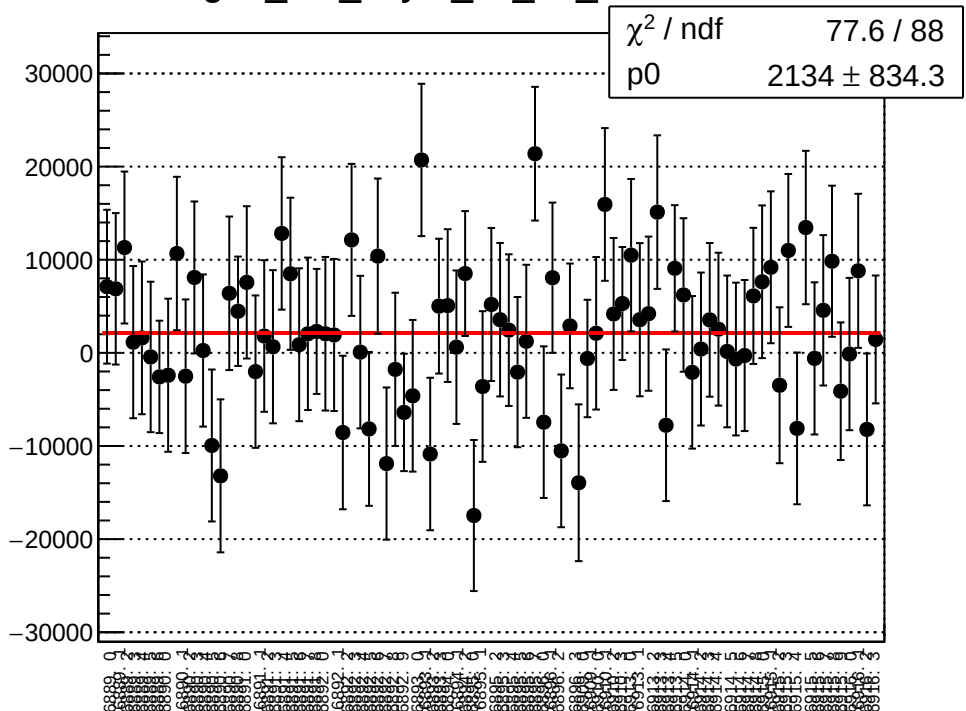
asym_us_dd_overload_cor_correction_mean vs run



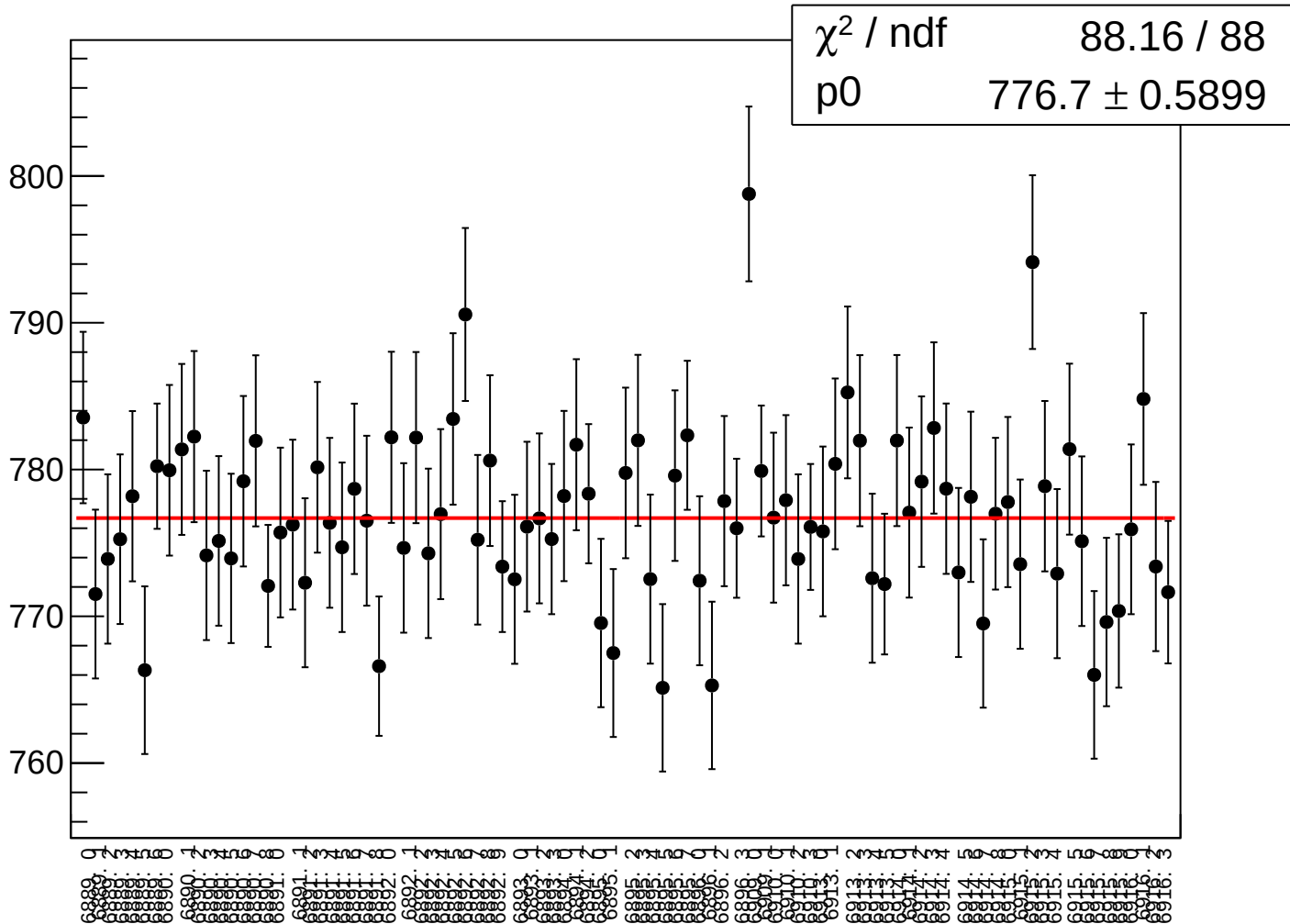
asym_us_dd_overload_cor_correction_rms vs run



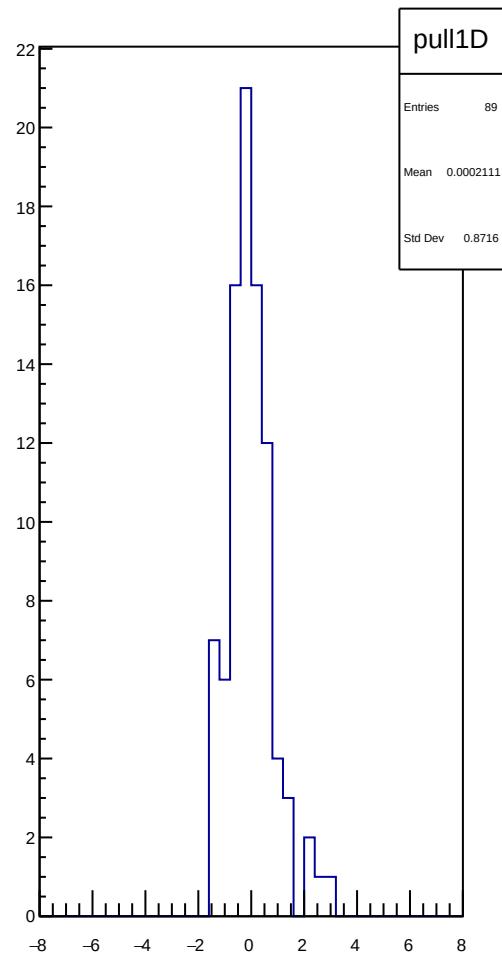
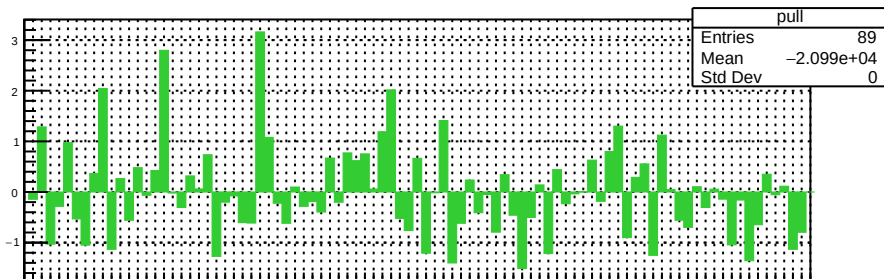
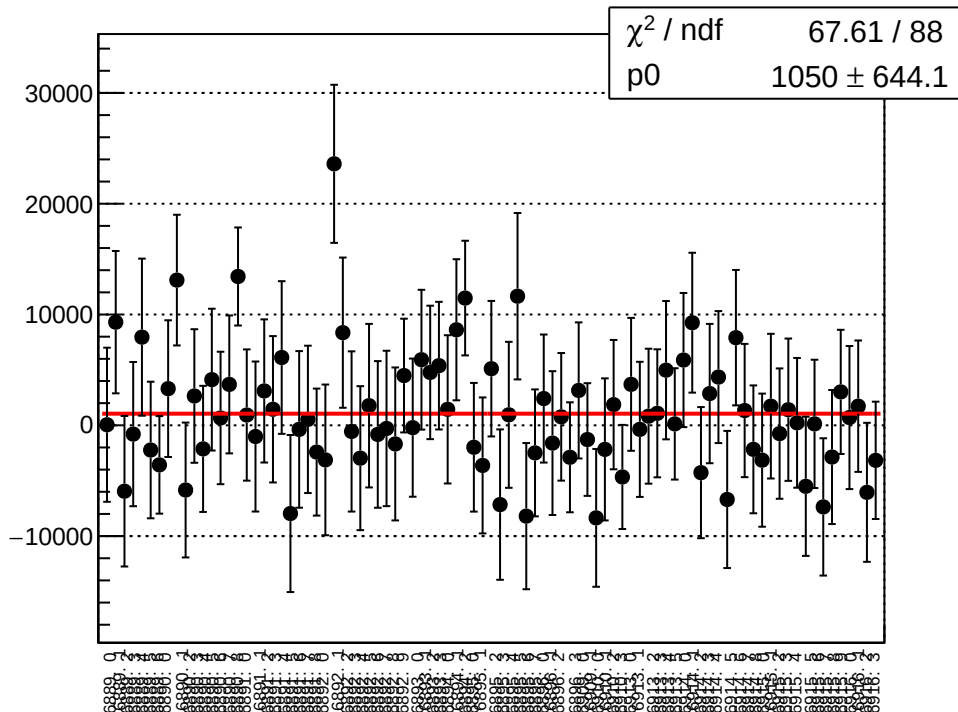
eigen_cor_asym_us_dd_mean vs run



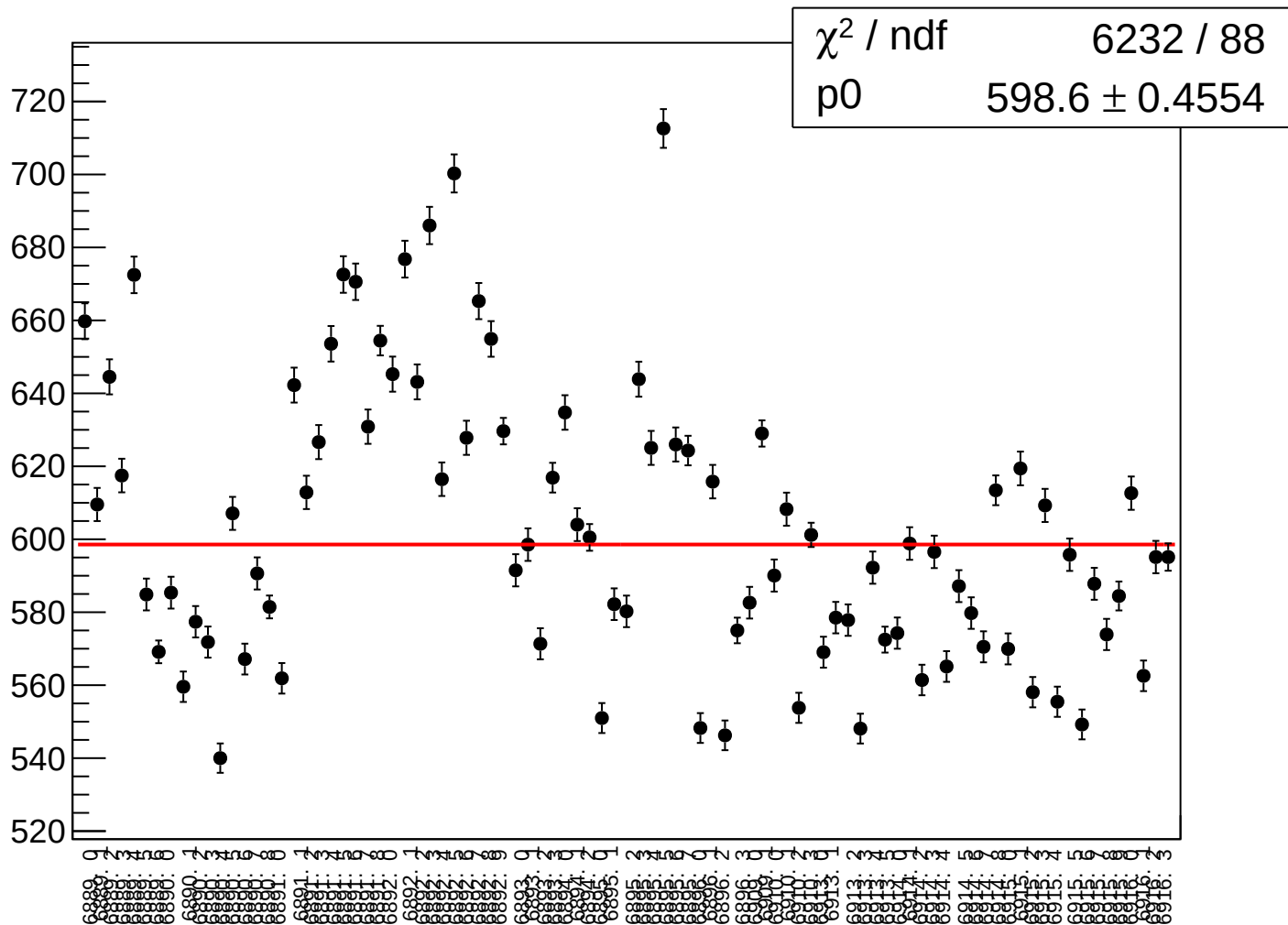
eigen_cor_asym_us_dd_rms vs run



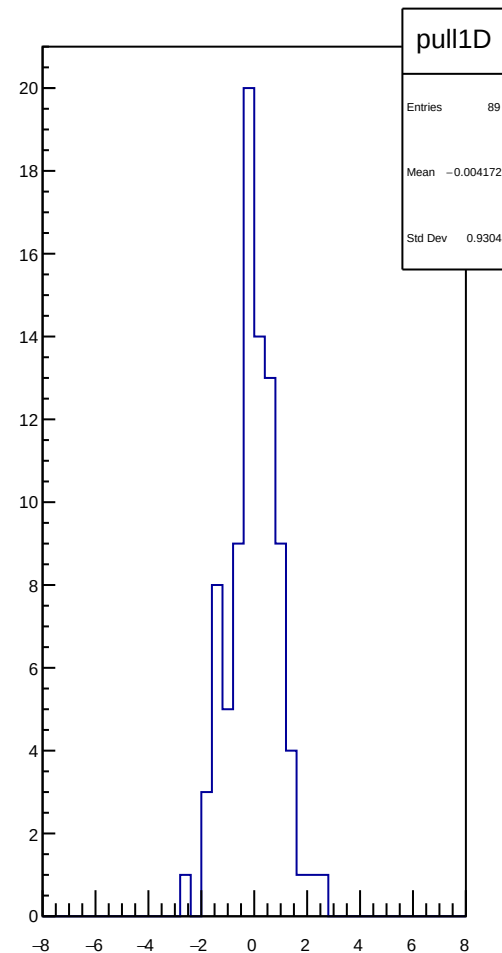
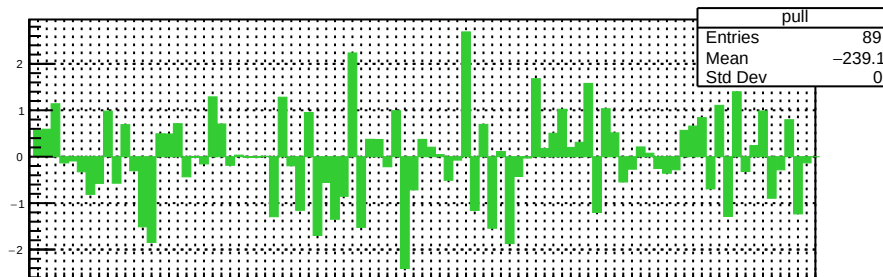
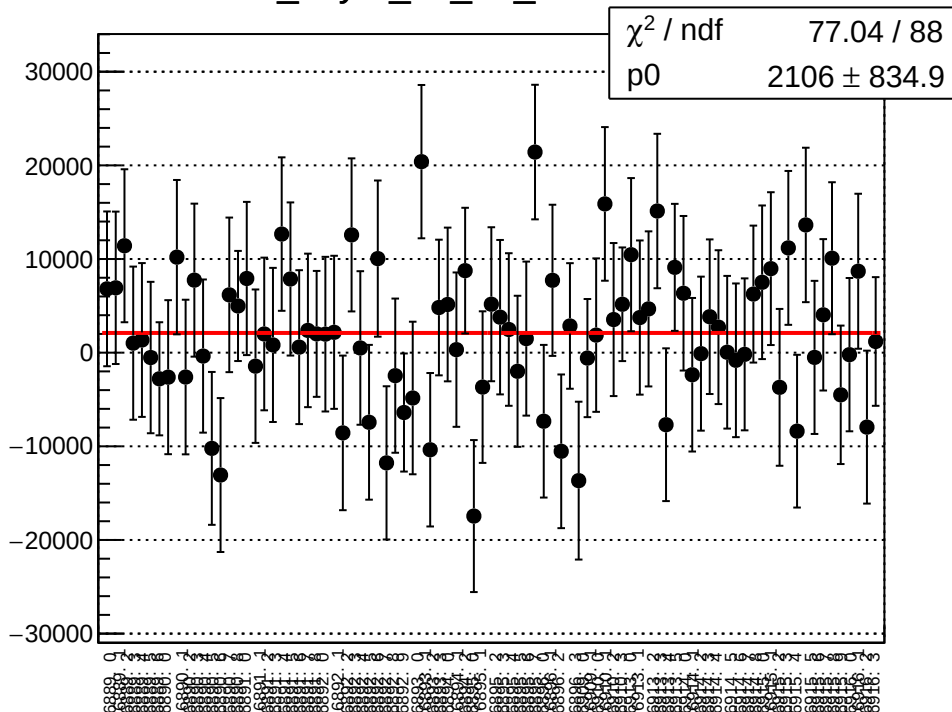
asym_us_dd_eigen_cor_correction_mean vs run



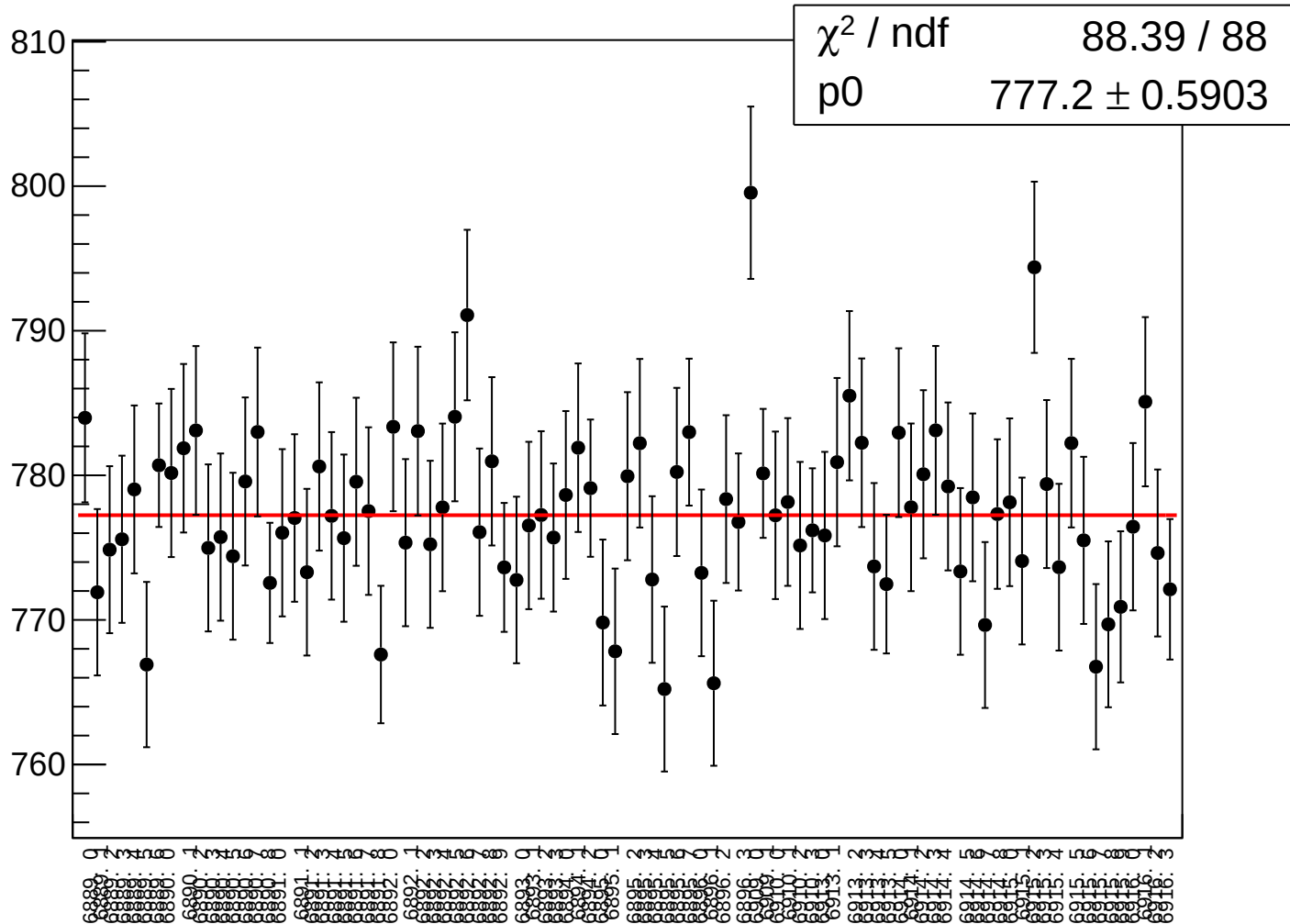
asym_us_dd_eigen_cor_correction_rms vs run



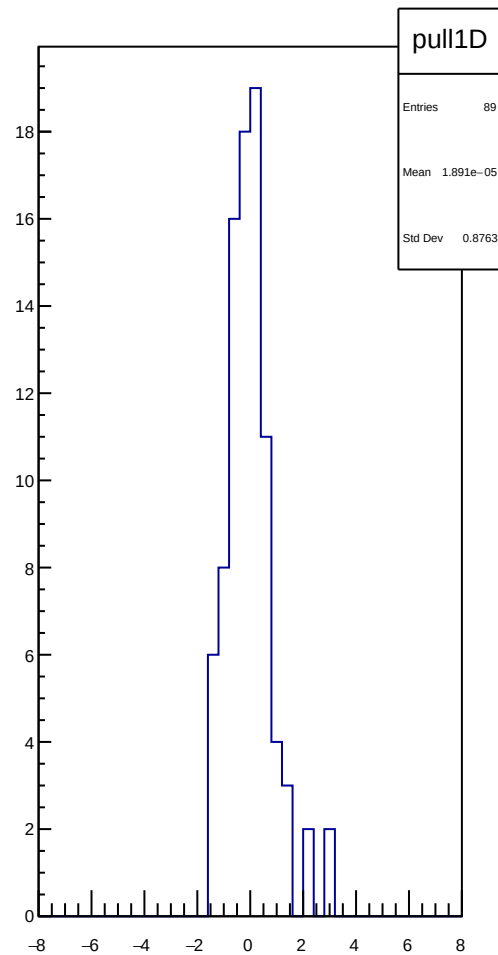
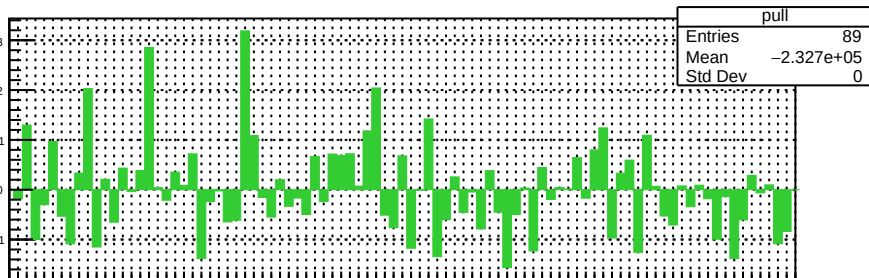
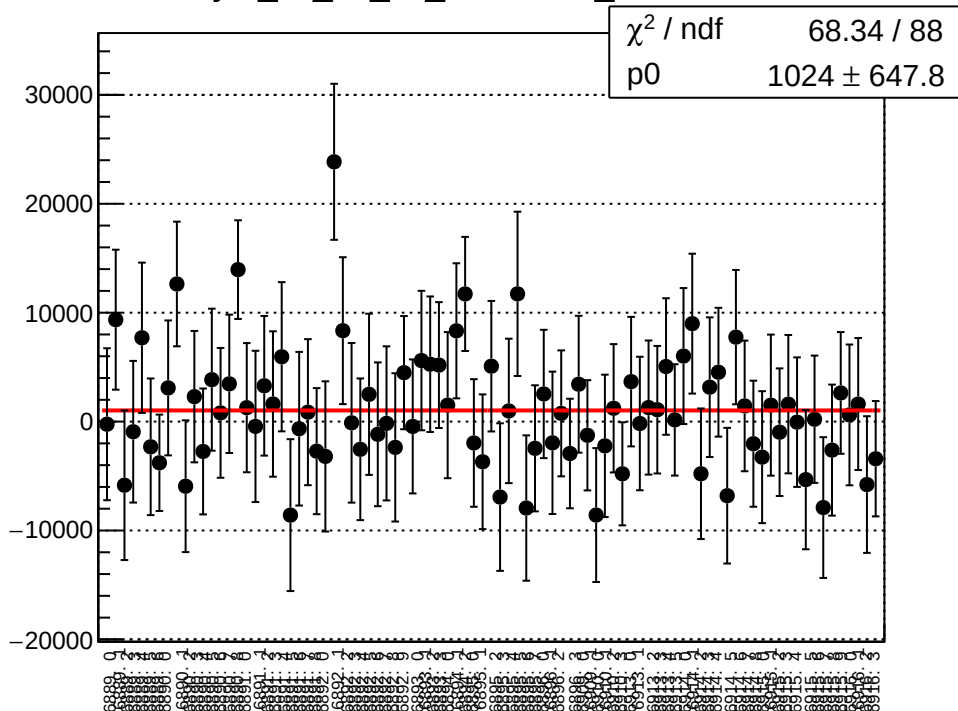
dit_asym_us_dd_mean vs run



dit_asym_us_dd_rms vs run



asym_us_dd_dit_correction_mean vs run



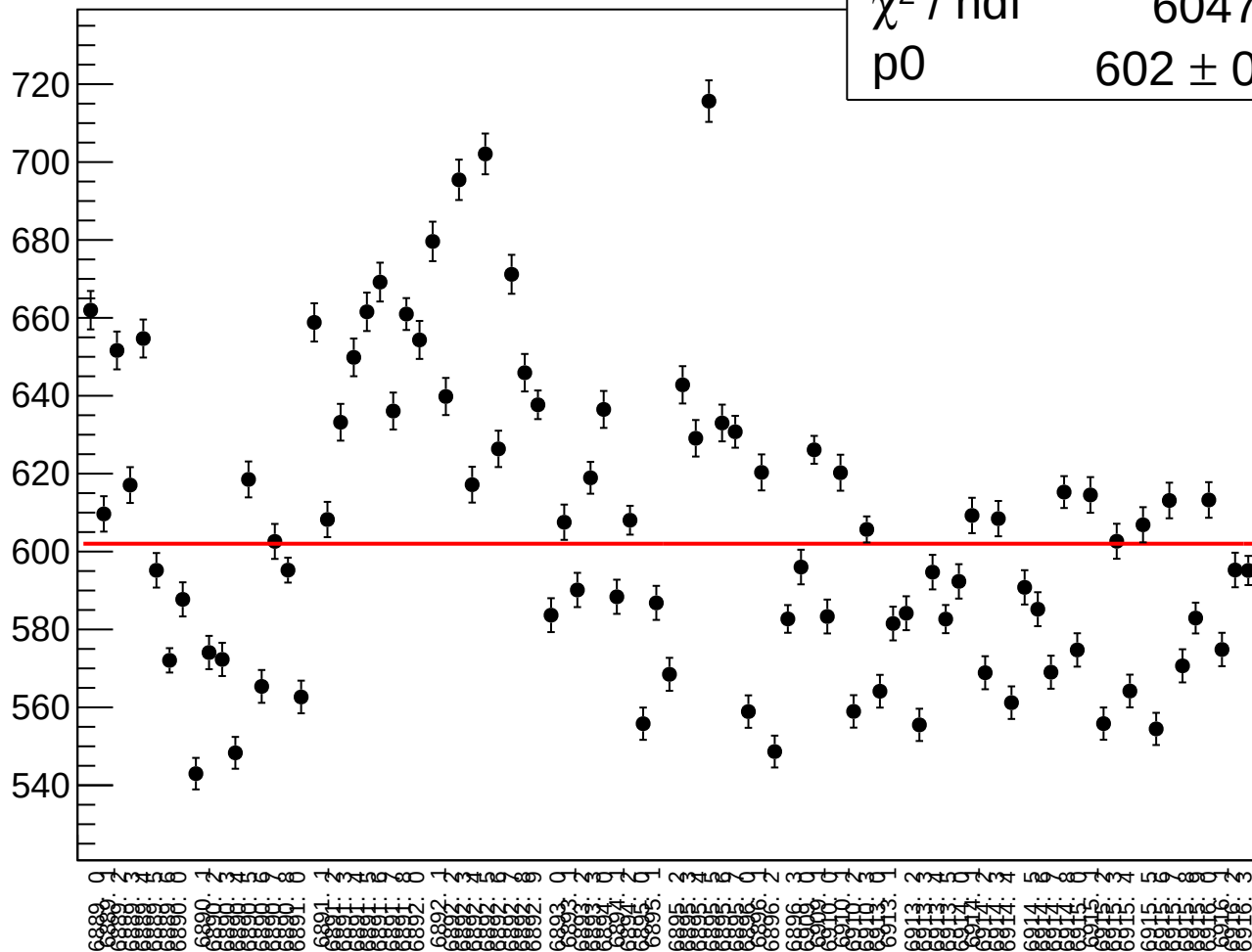
asym_us_dd_dit_correction_rms vs run

χ^2 / ndf

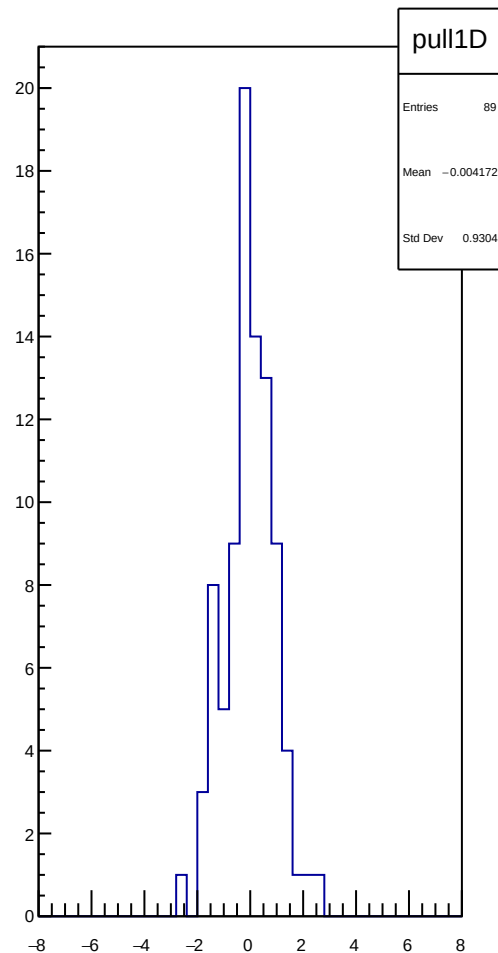
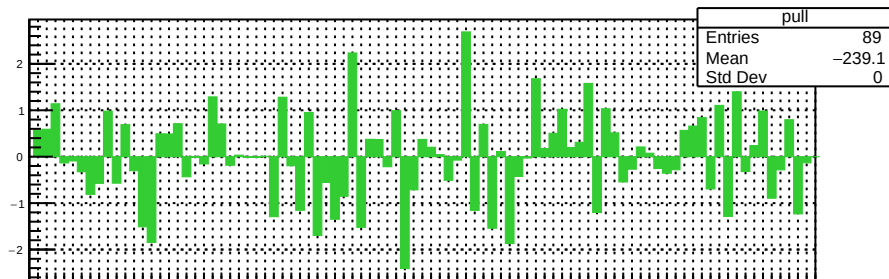
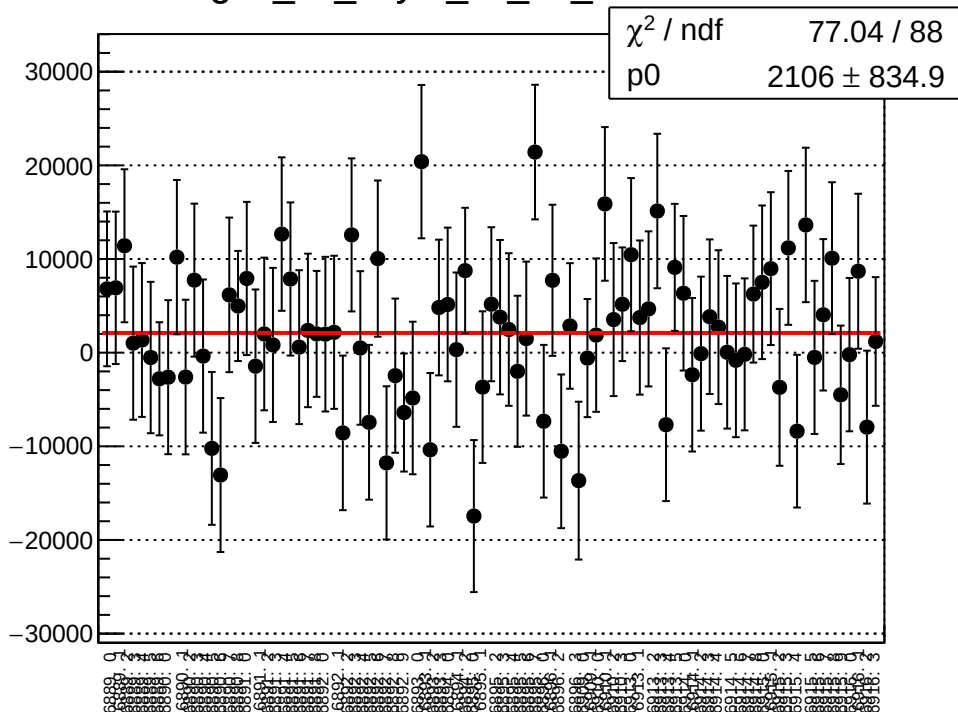
6047 / 88

p0

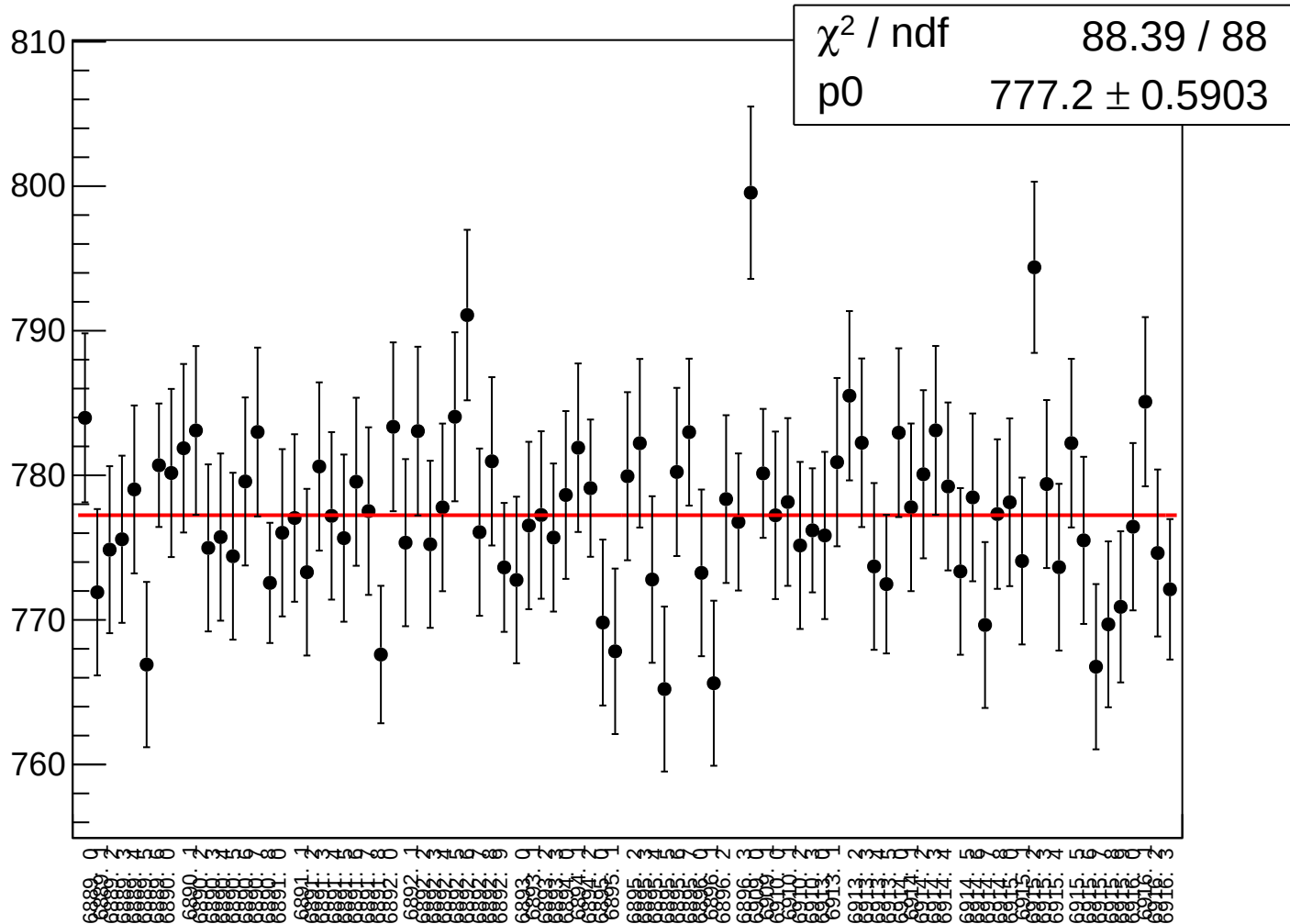
602 ± 0.458



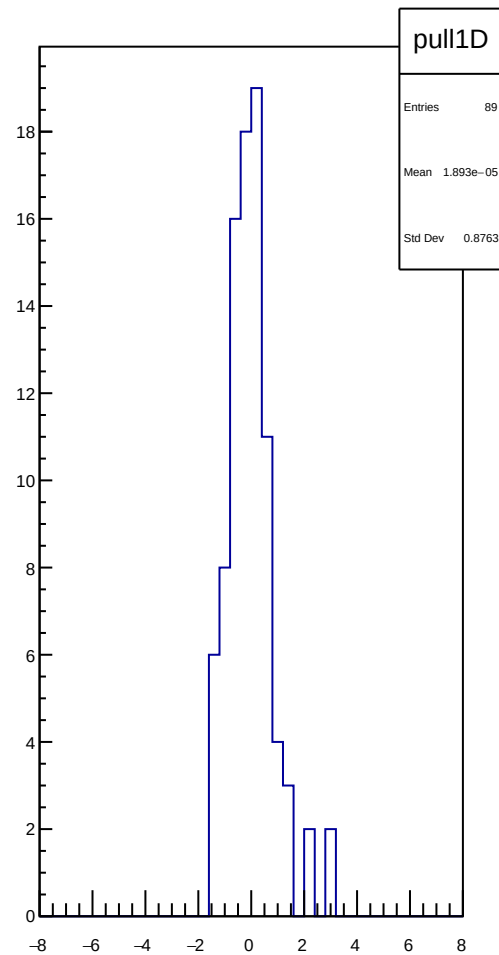
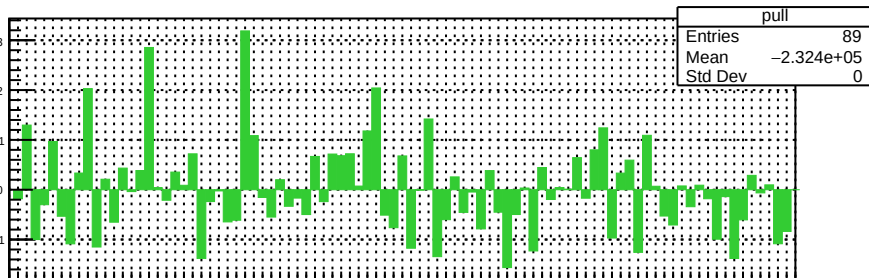
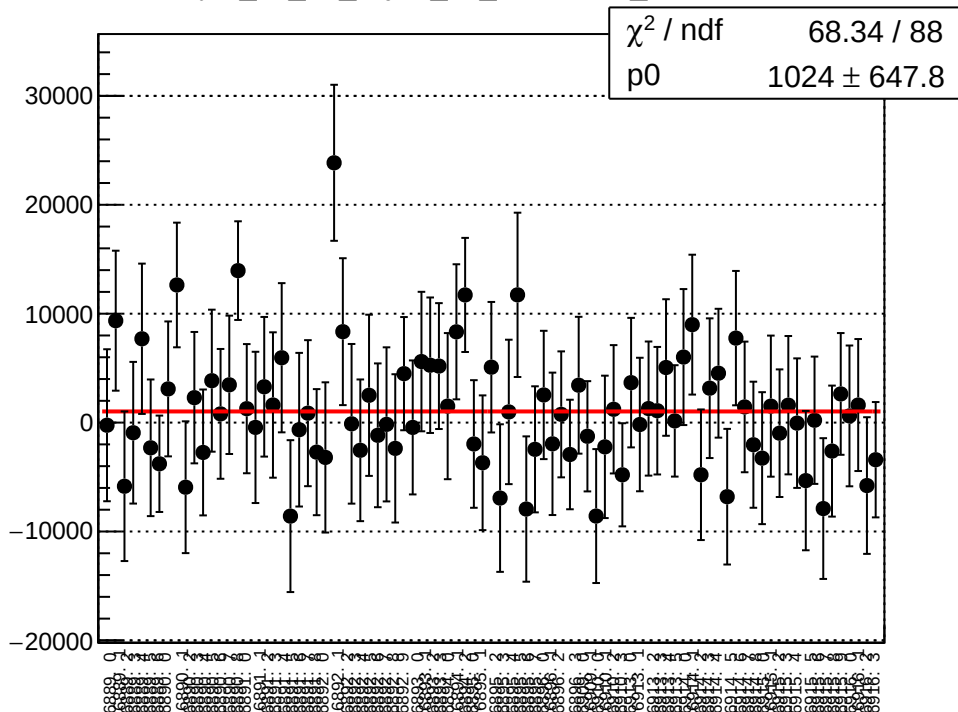
eigen_dit_asym_us_dd_mean vs run



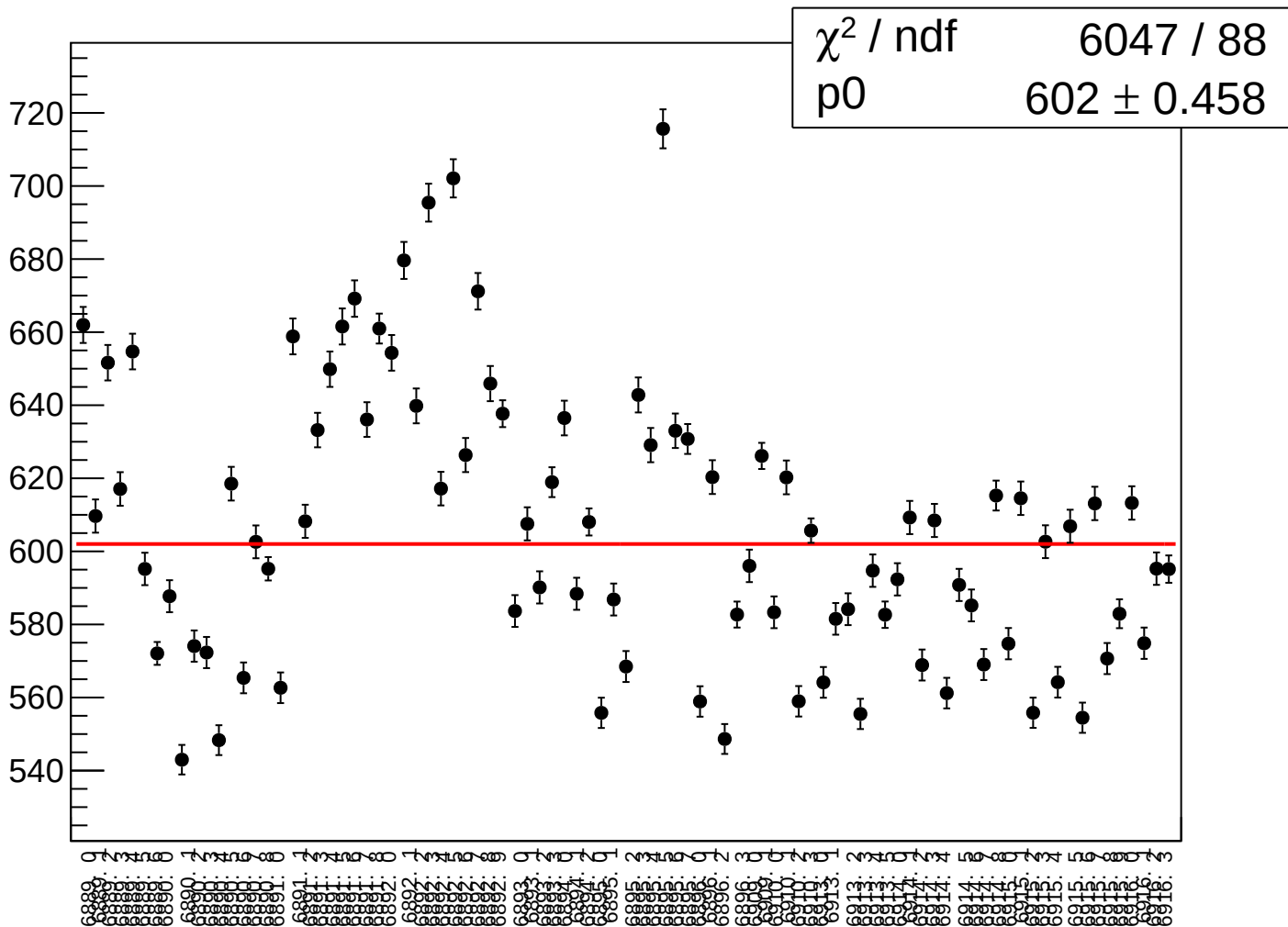
eigen_dit_asym_us_dd_rms vs run



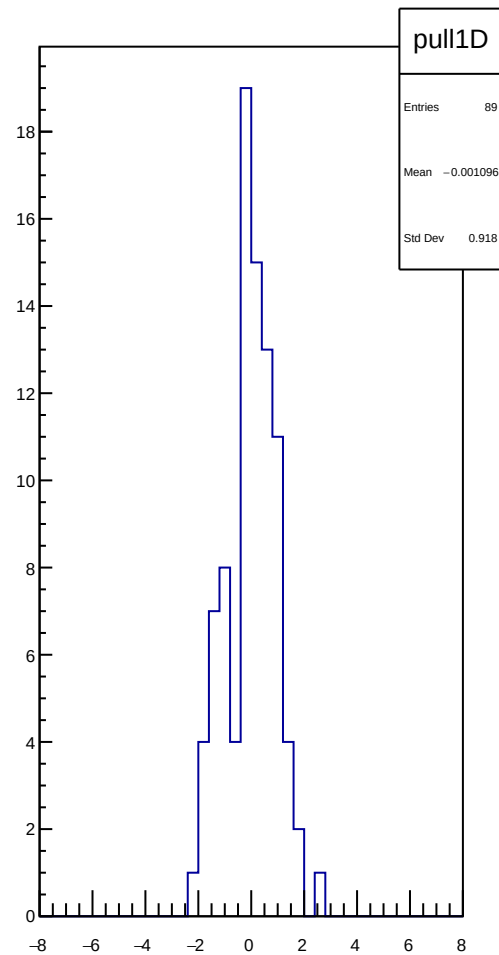
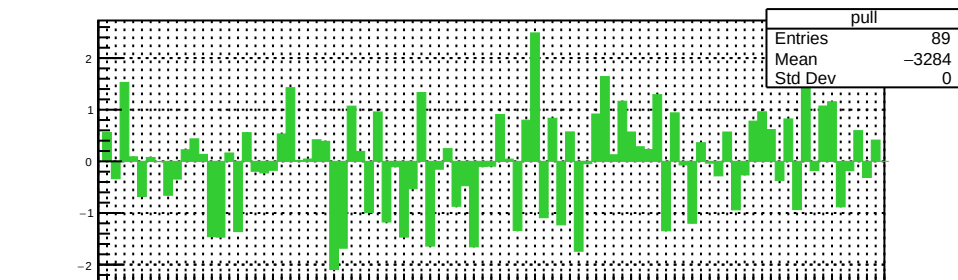
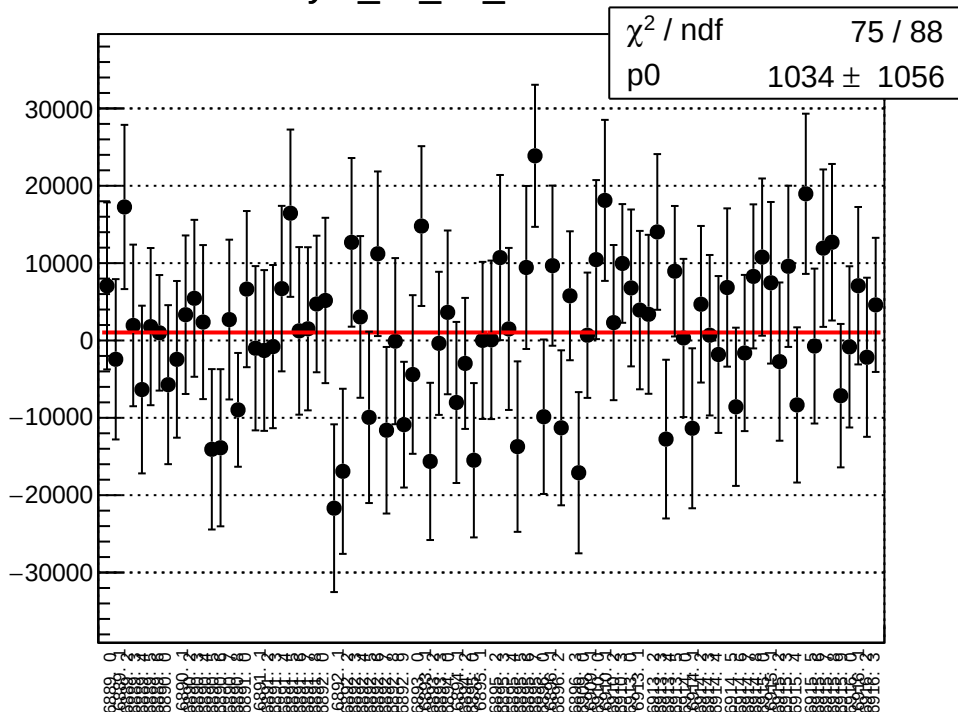
asym_us_dd_eigen_dit_correction_mean vs run



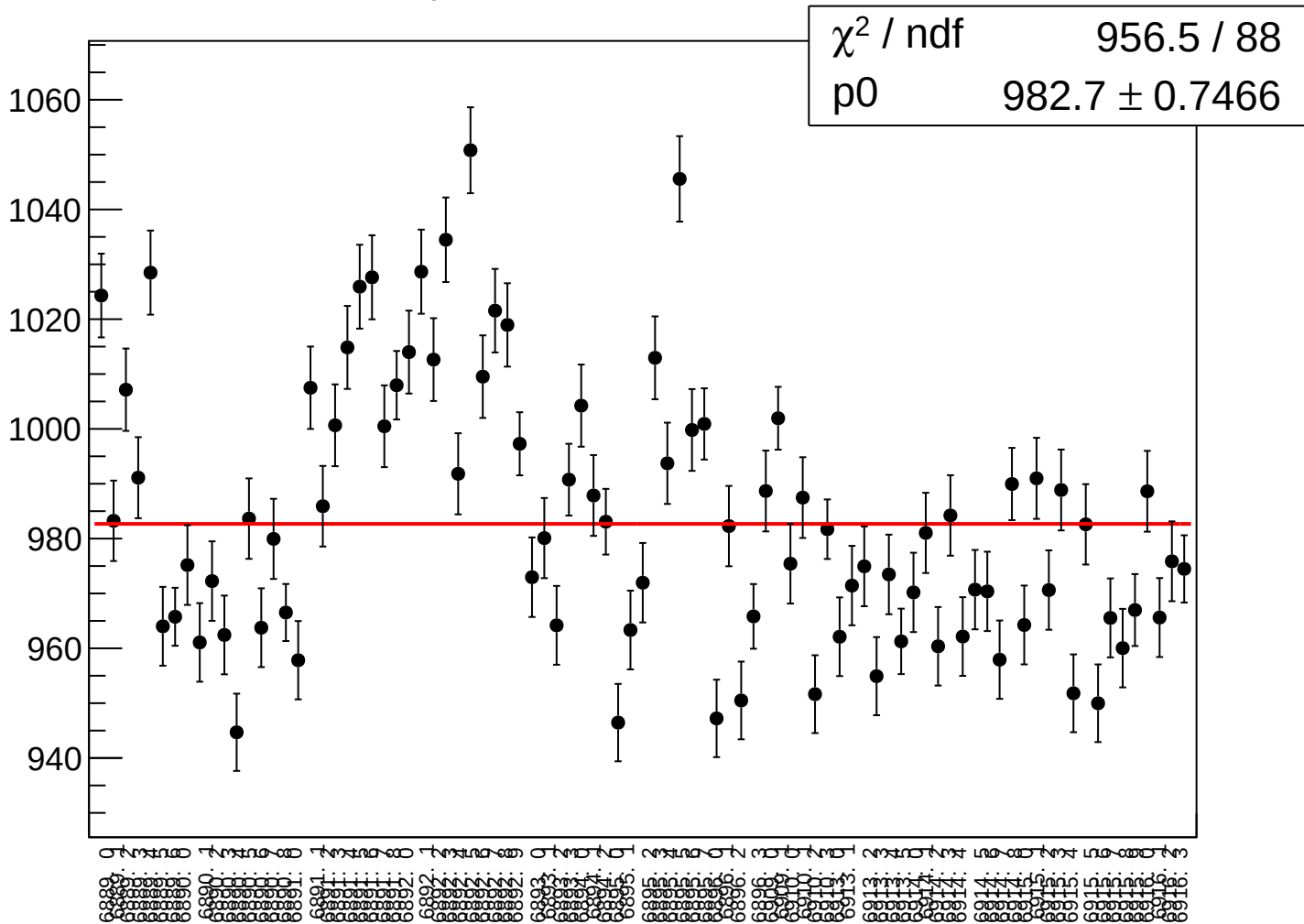
asym_us_dd_eigen_dit_correction_rms vs run



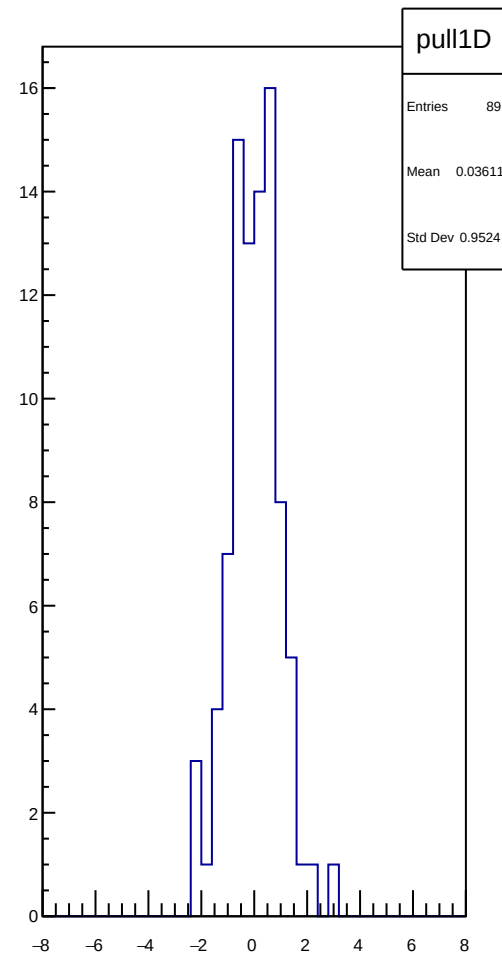
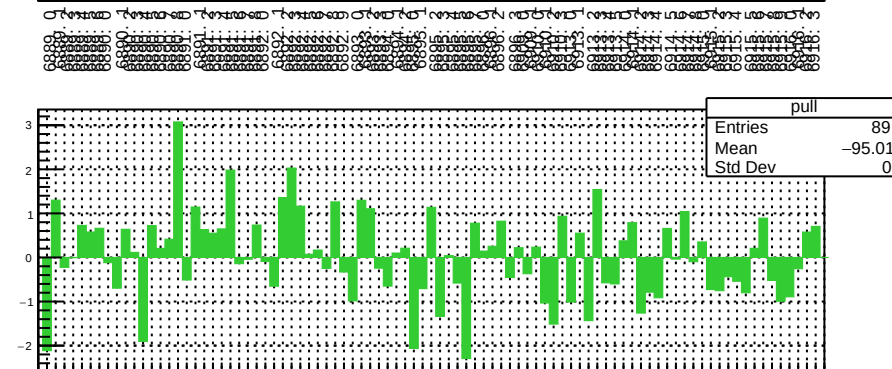
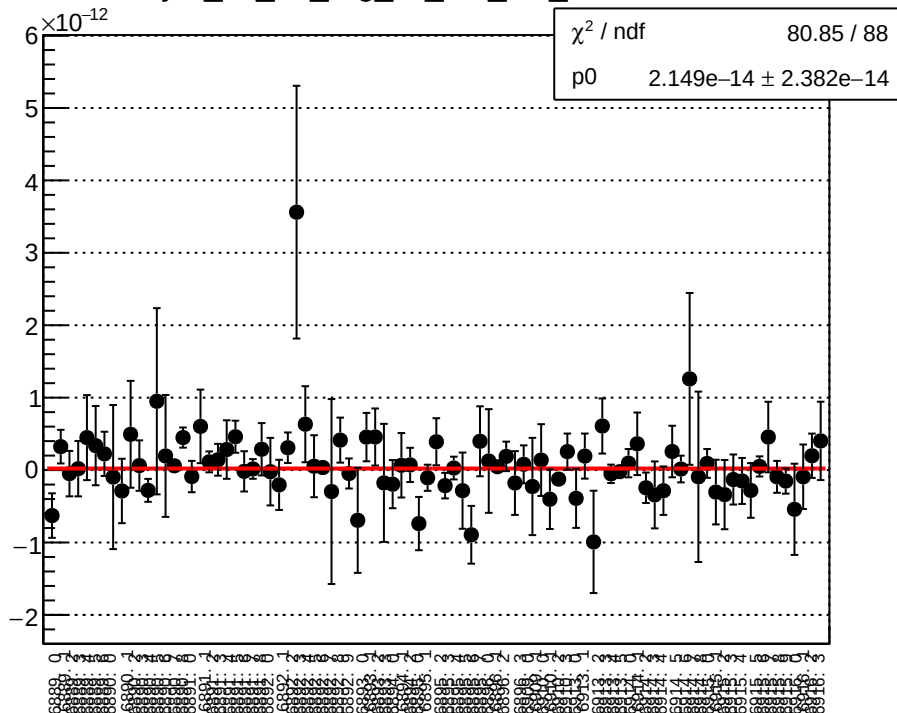
asym_us_dd_mean vs run



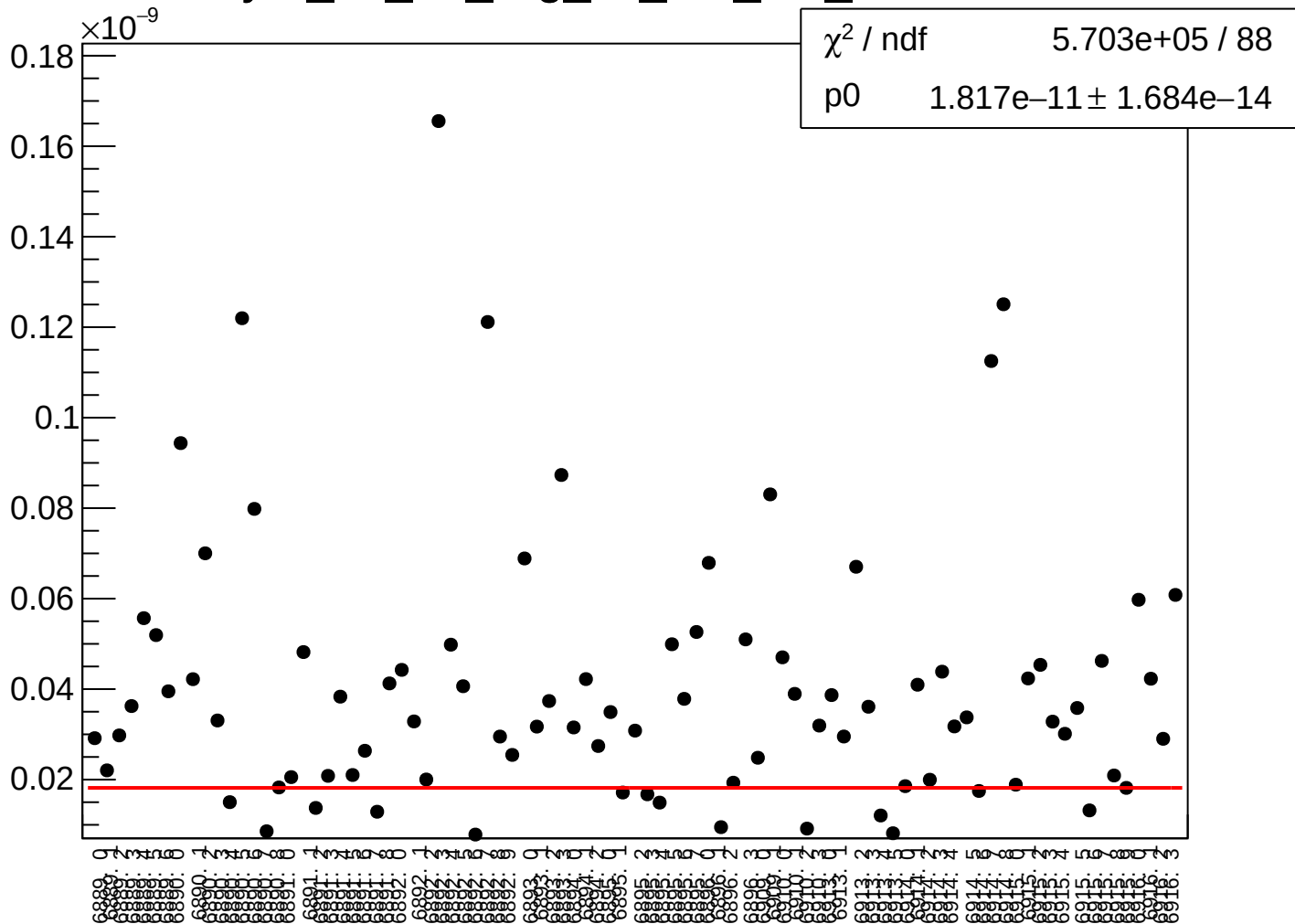
asym_us_dd_rms vs run



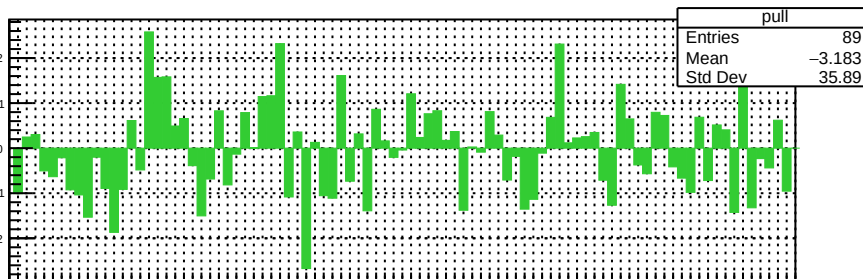
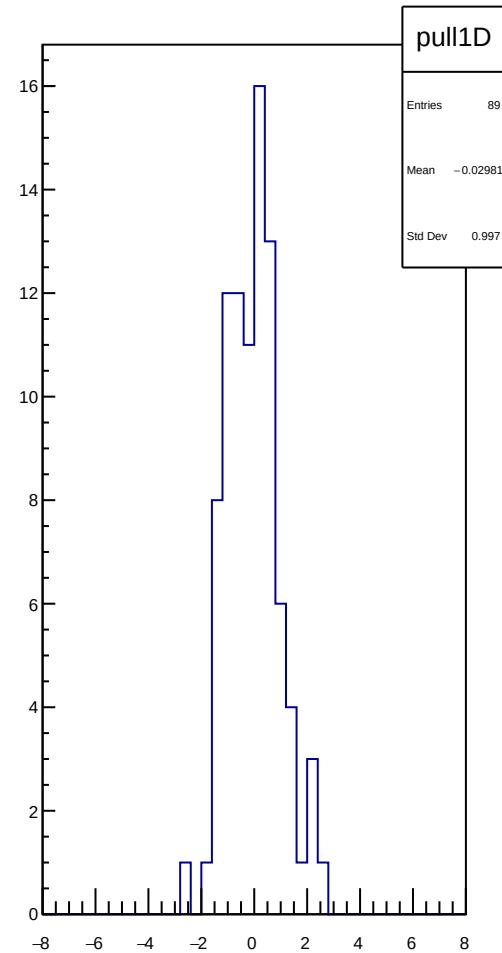
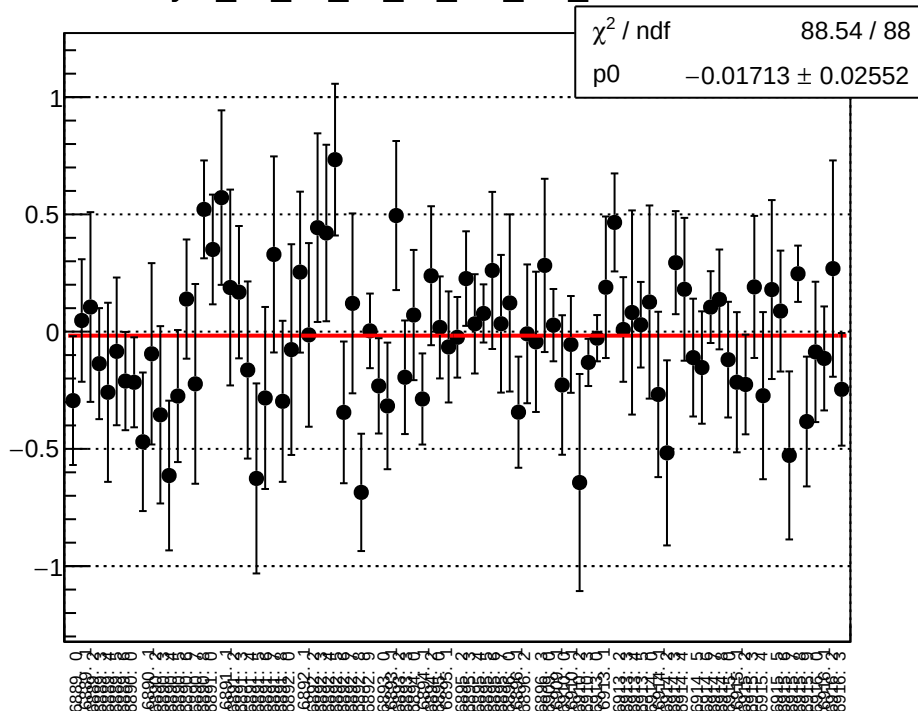
asym_us_dd_reg_vs_cor_diff_mean vs run



asym_us_dd_reg_vs_cor_diff_rms vs run

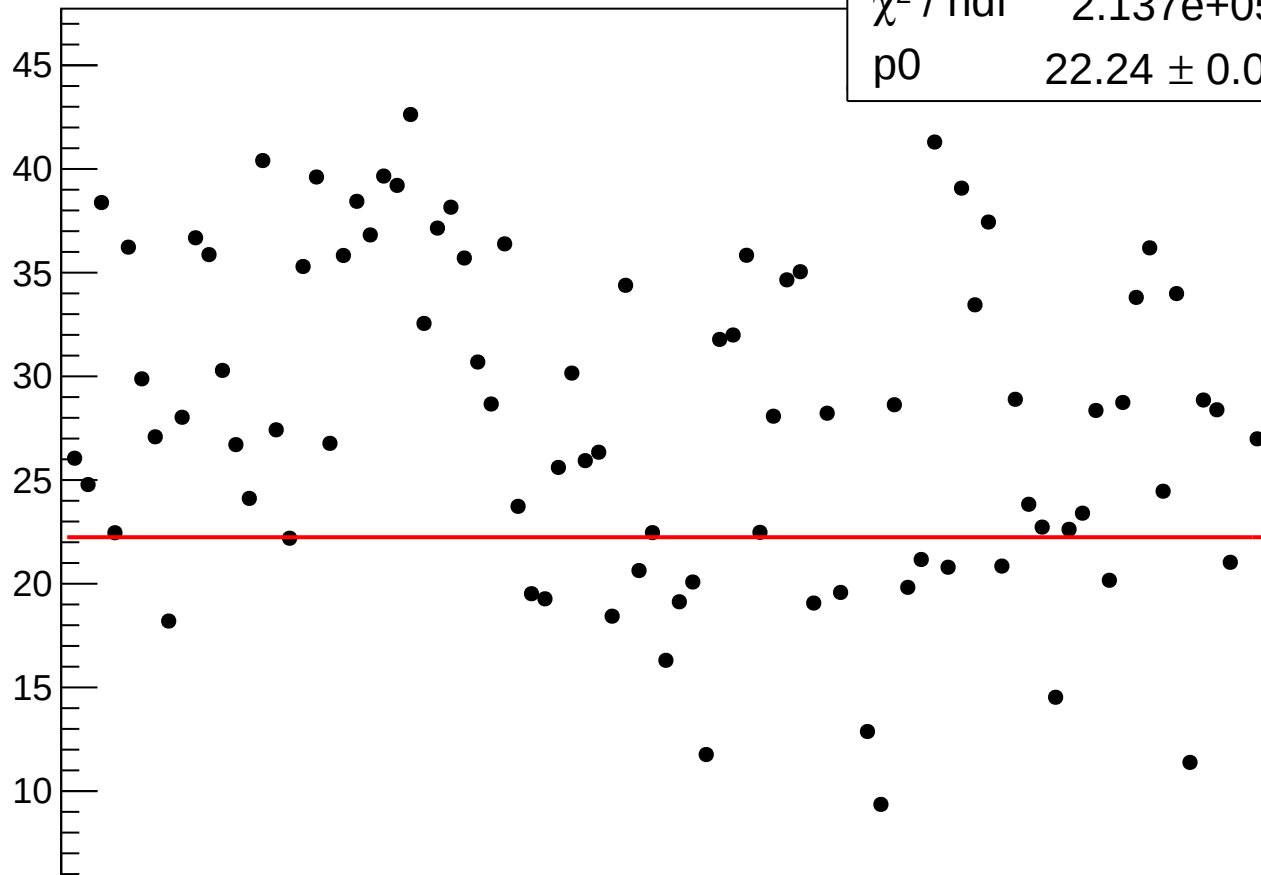


asym_us_dd_dit_vs_cor_diff_mean vs run



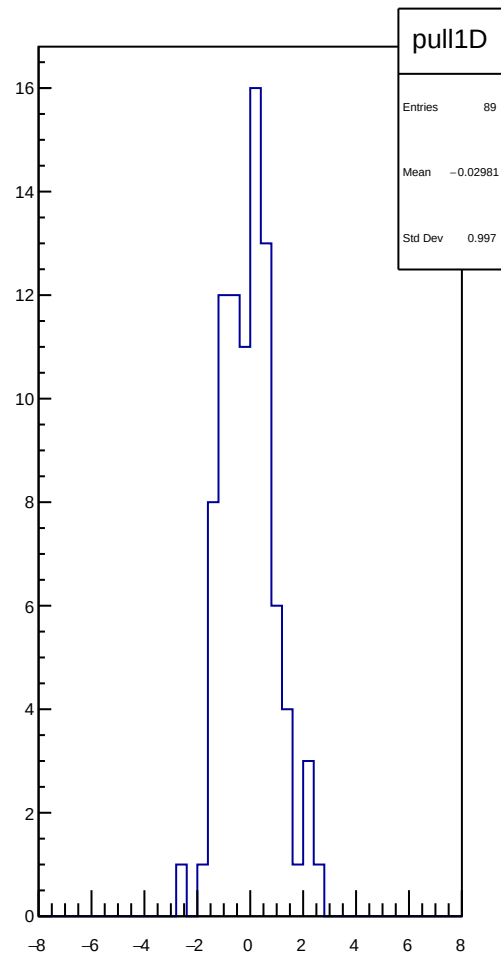
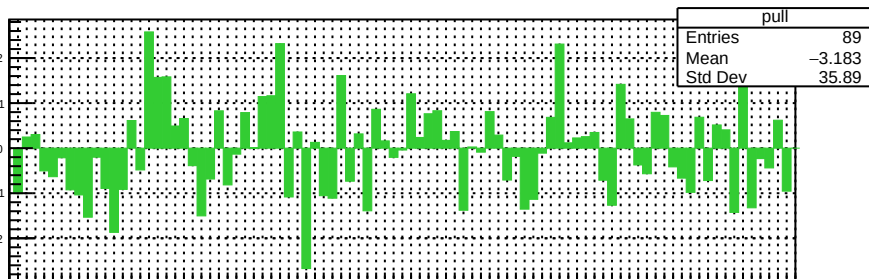
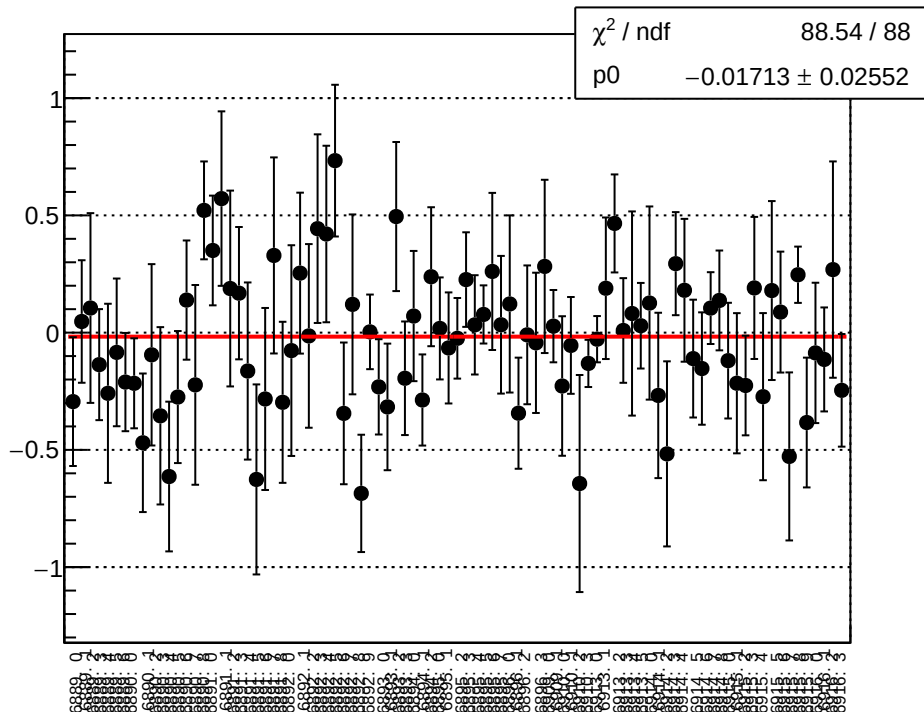
asym_us_dd_dit_vs_cor_diff_rms vs run

χ^2 / ndf 2.137e+05 / 88
p0 22.24 $\pm$ 0.01804

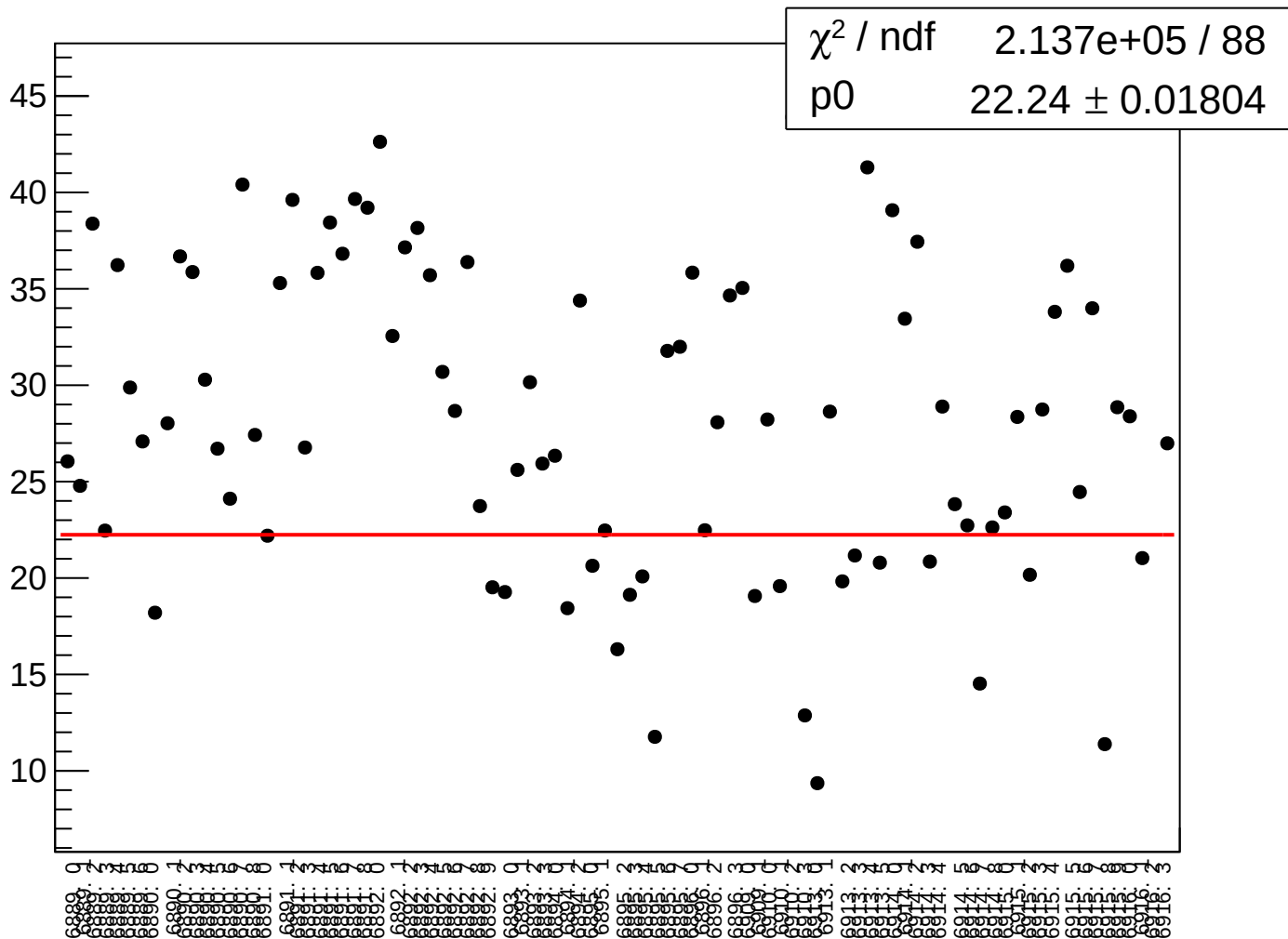


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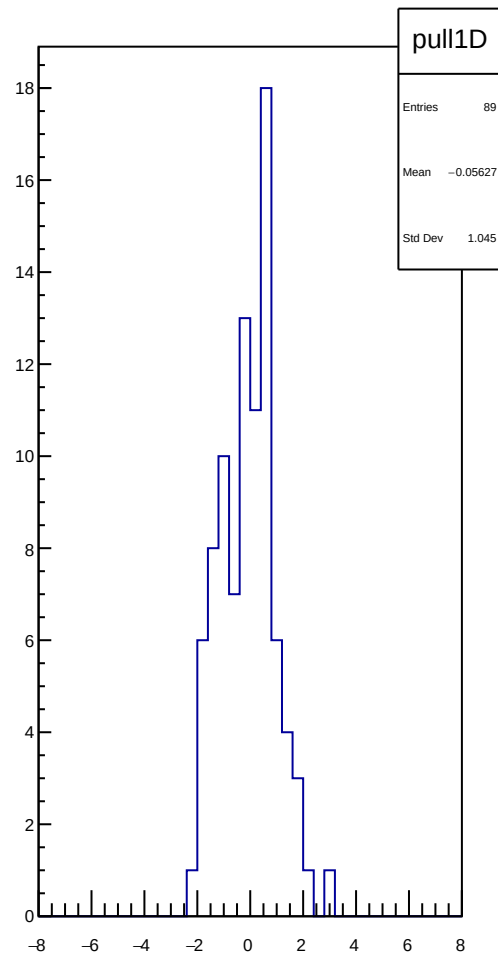
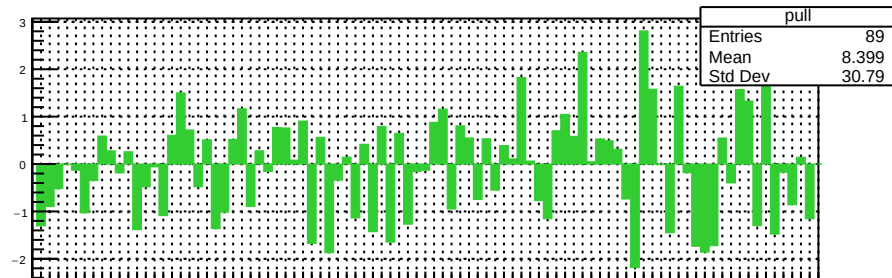
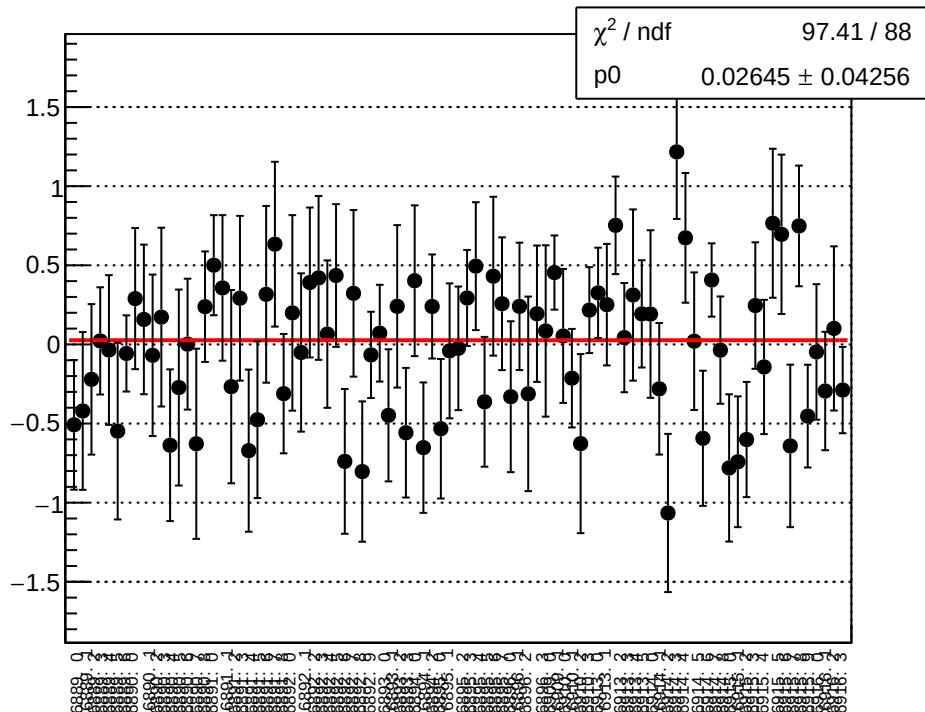
asym_us_dd_dit_vs_eigen_cor_diff_mean vs run



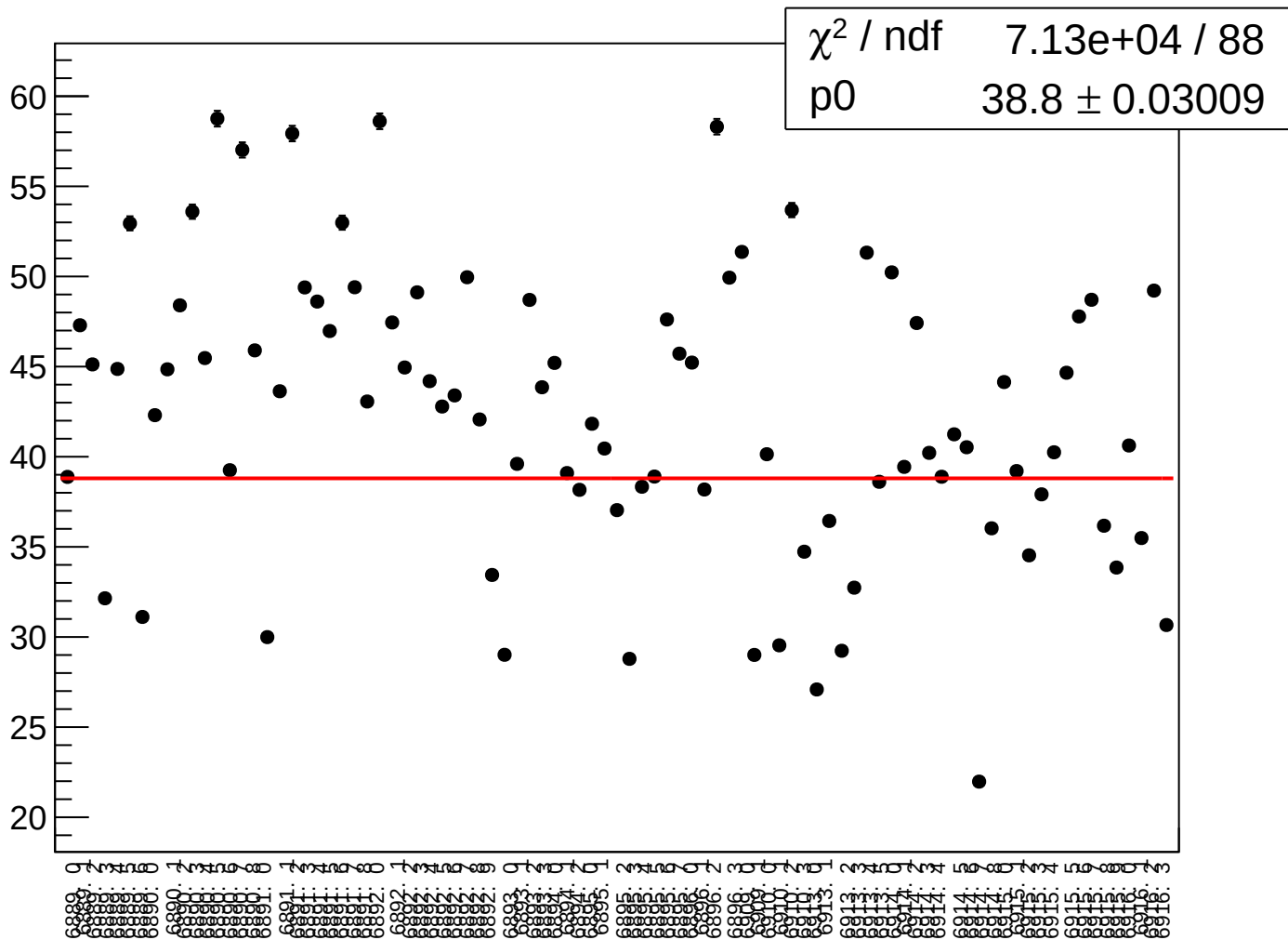
asym_us_dd_dit_vs_eigen_cor_diff_rms vs run



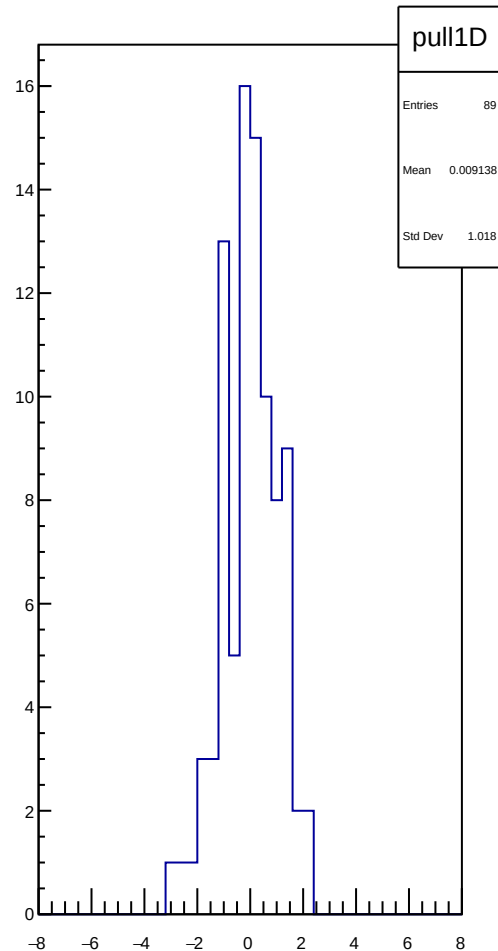
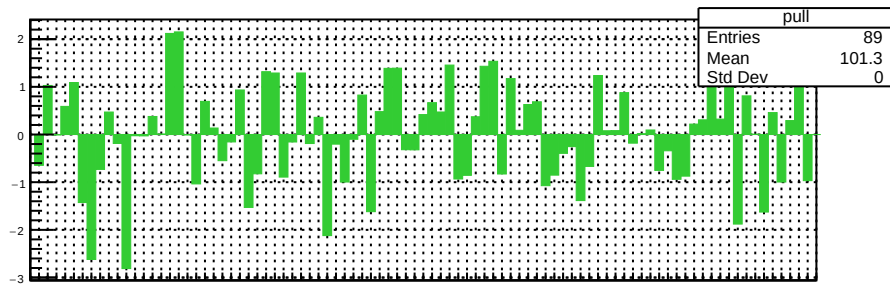
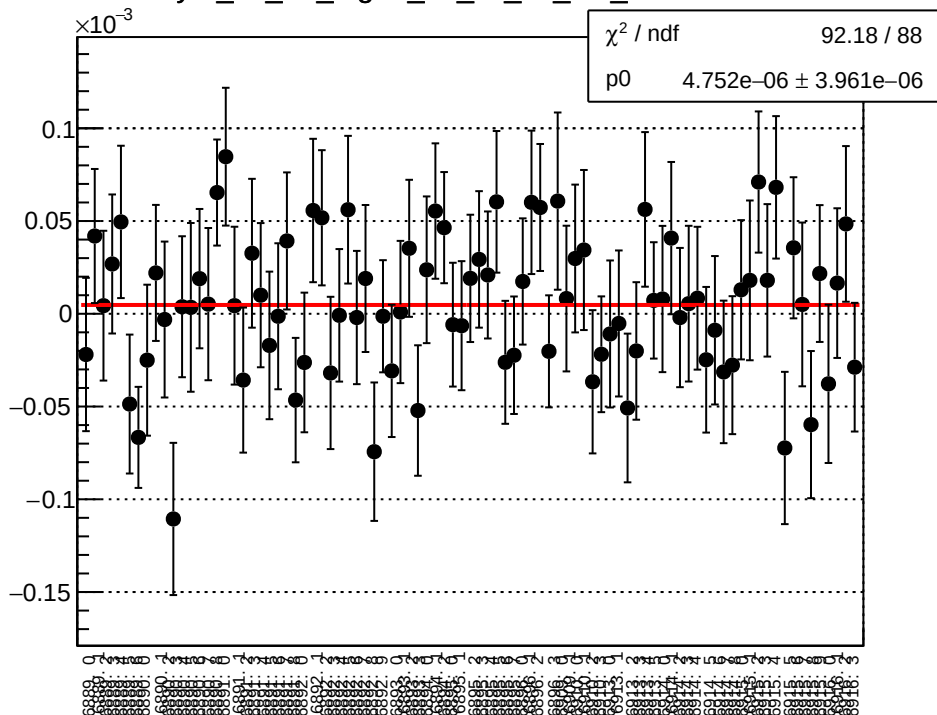
asym_us_dd_dit_vs_overload_cor_diff_mean vs run



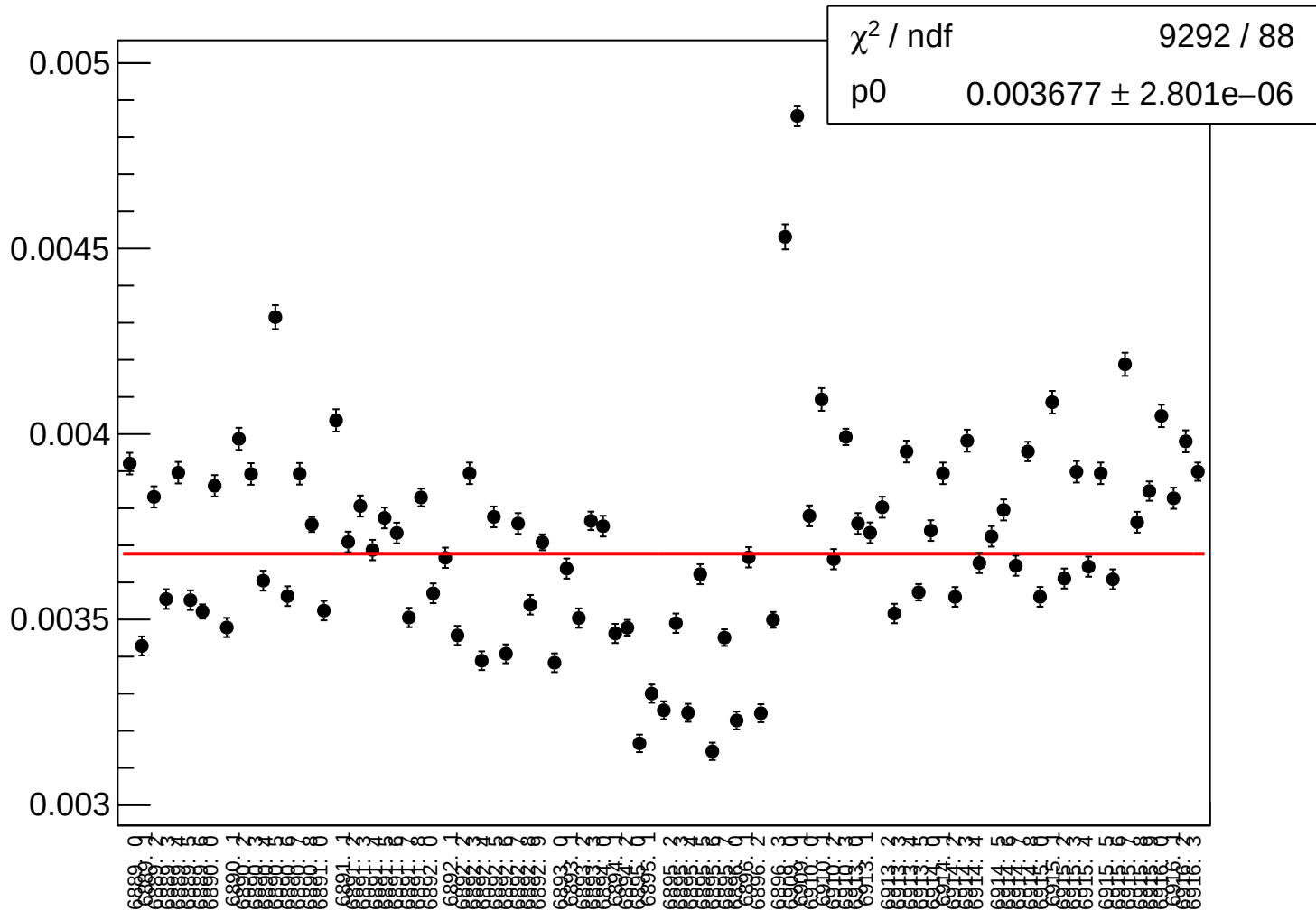
asym_us_dd_dit_vs_overload_cor_diff_rms vs run



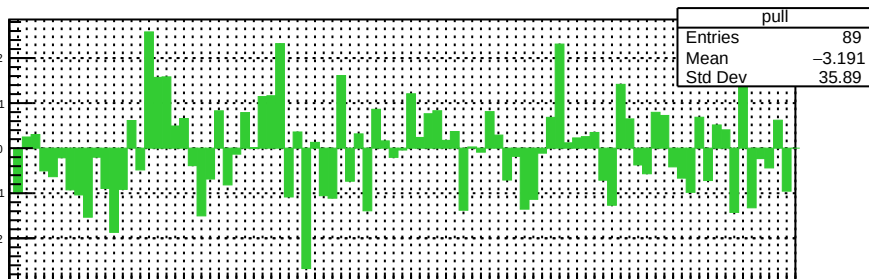
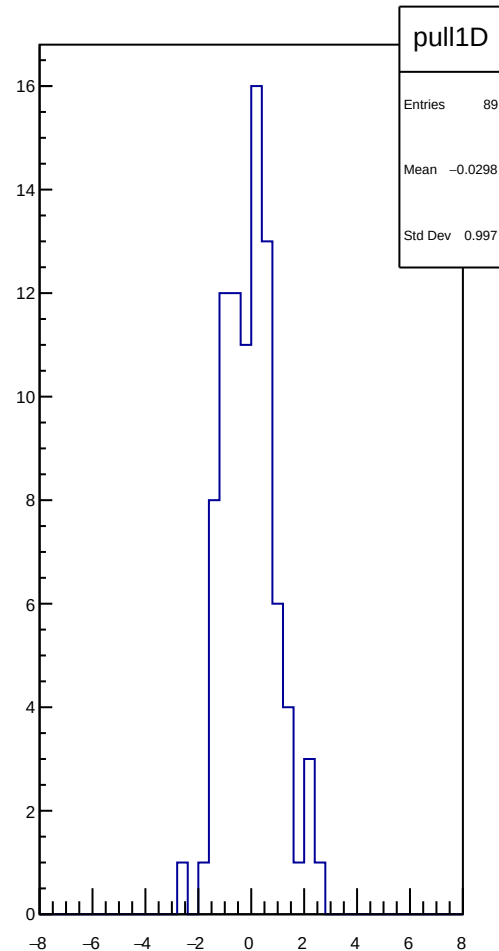
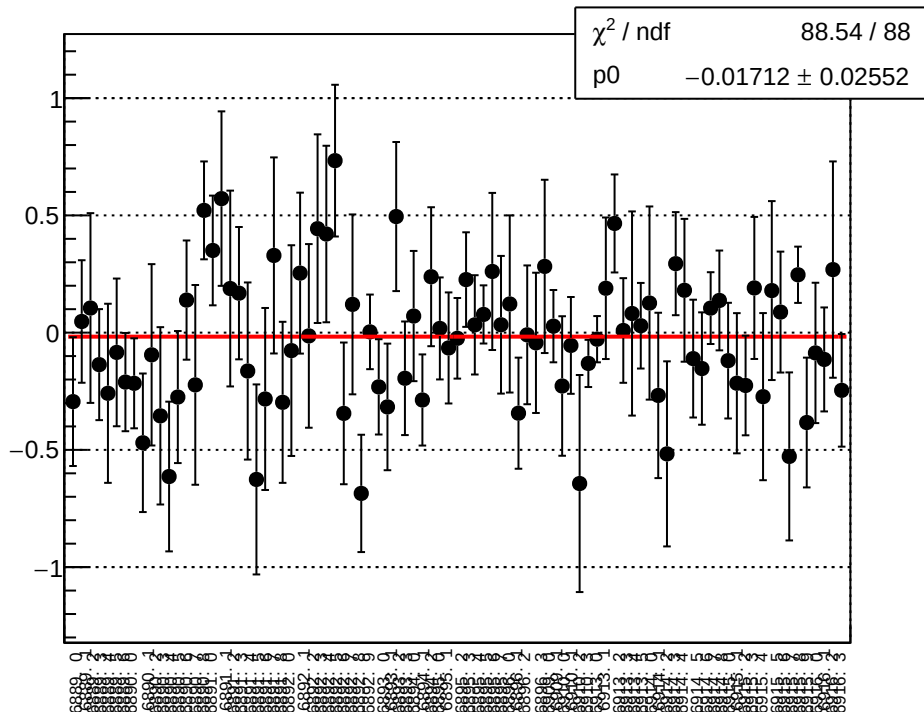
asym_us_dd_eigen_dit_vs_dit_diff_mean vs run



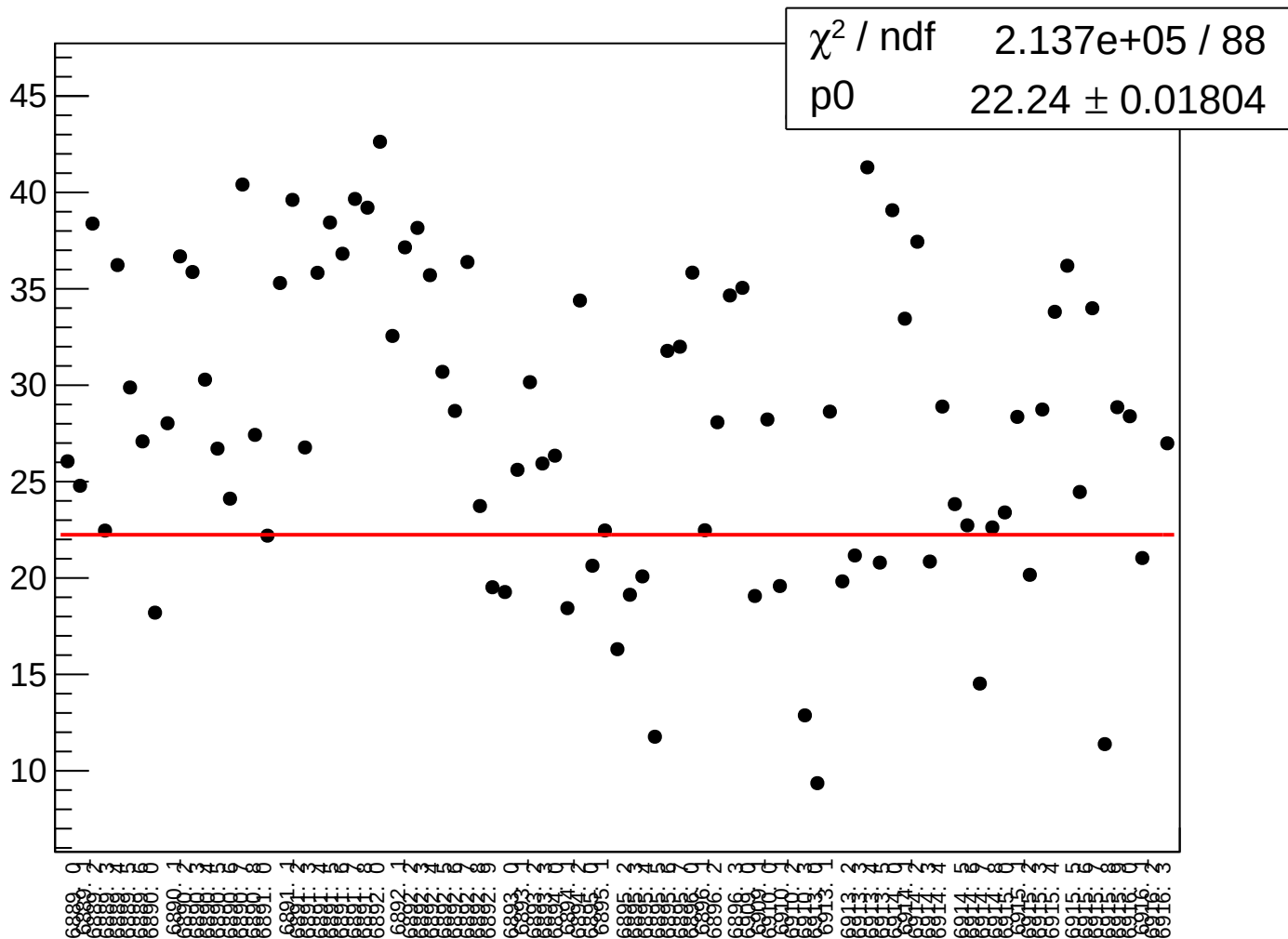
asym_us_dd_eigen_dit_vs_dit_diff_rms vs run



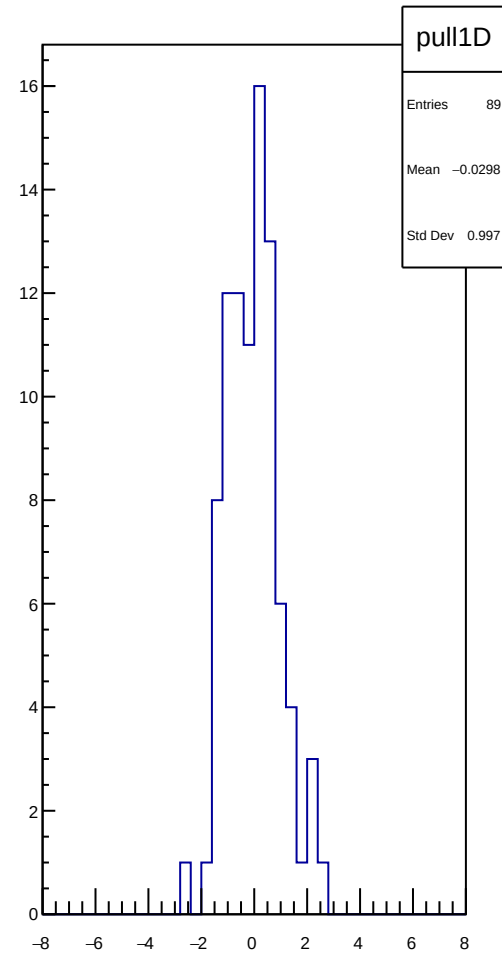
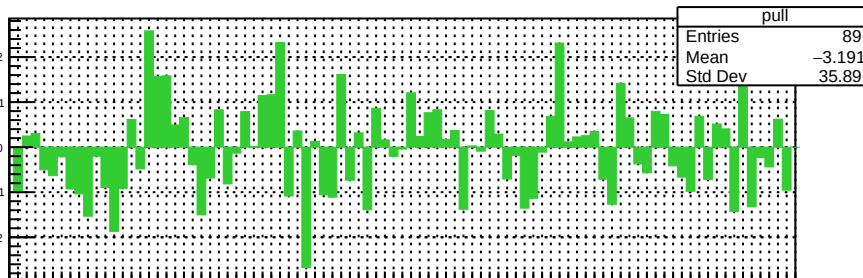
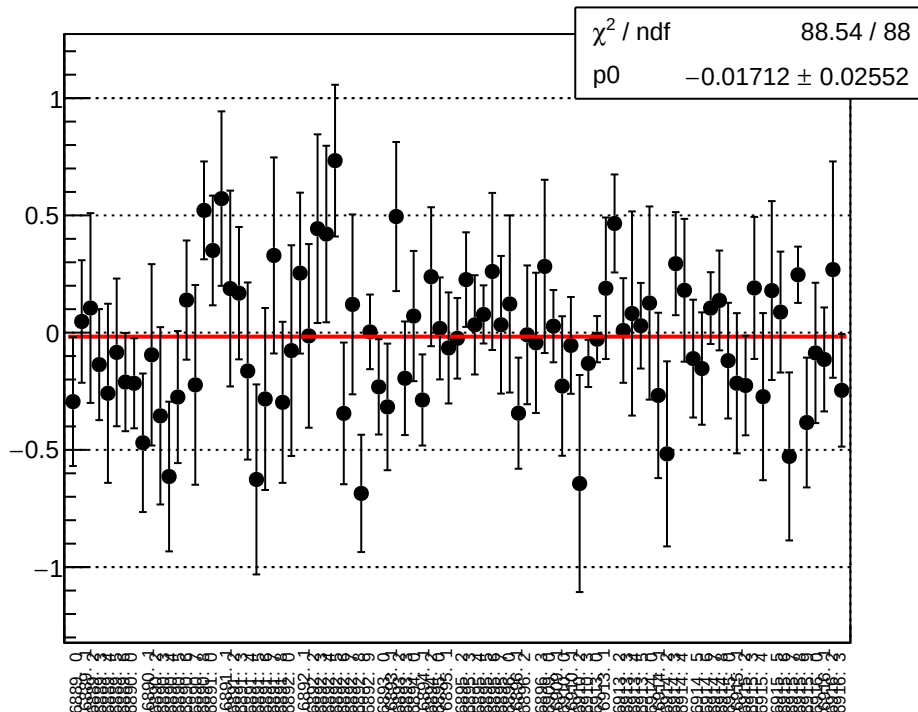
asym_us_dd_eigen_dit_vs_cor_diff_mean vs run



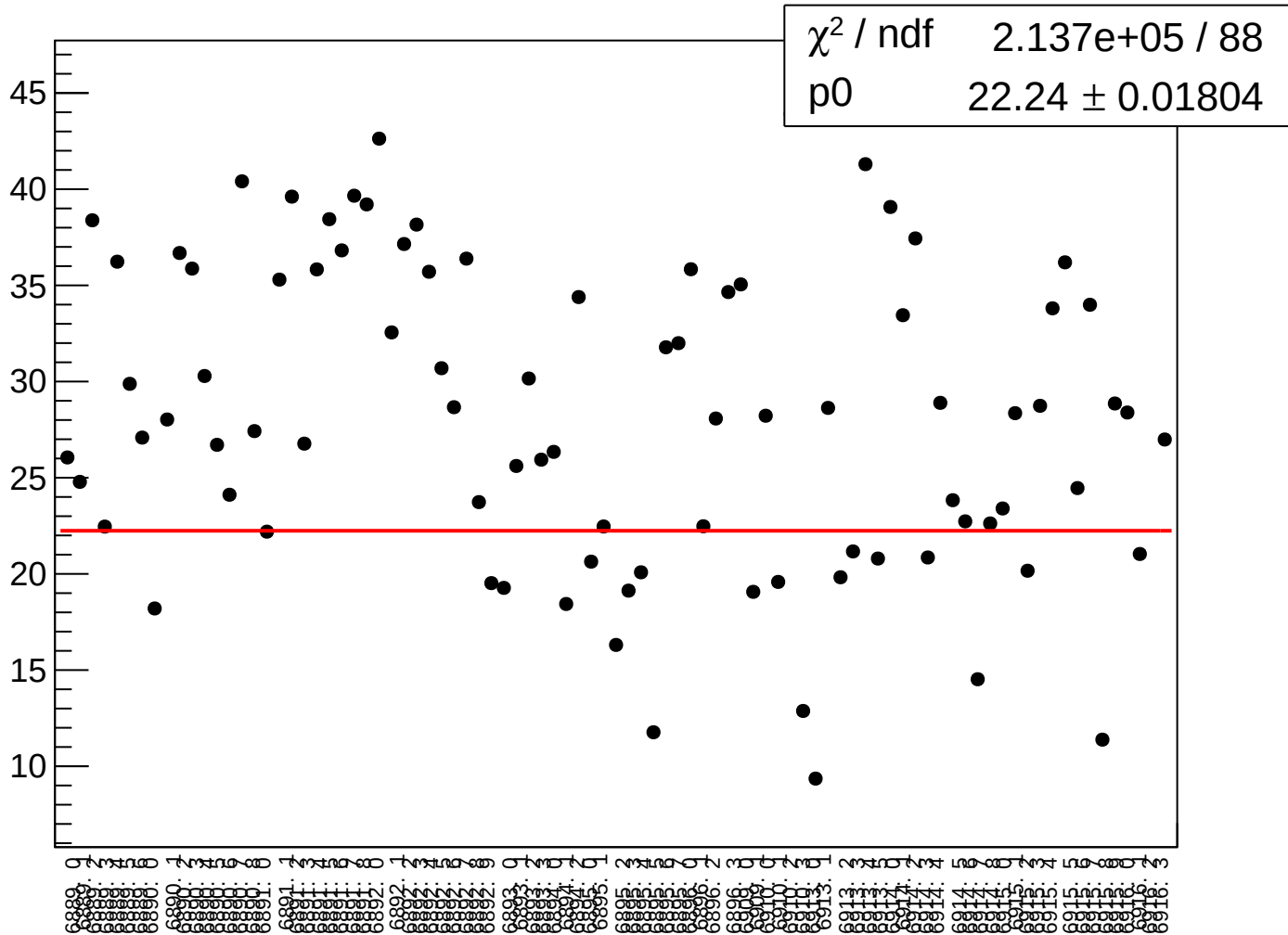
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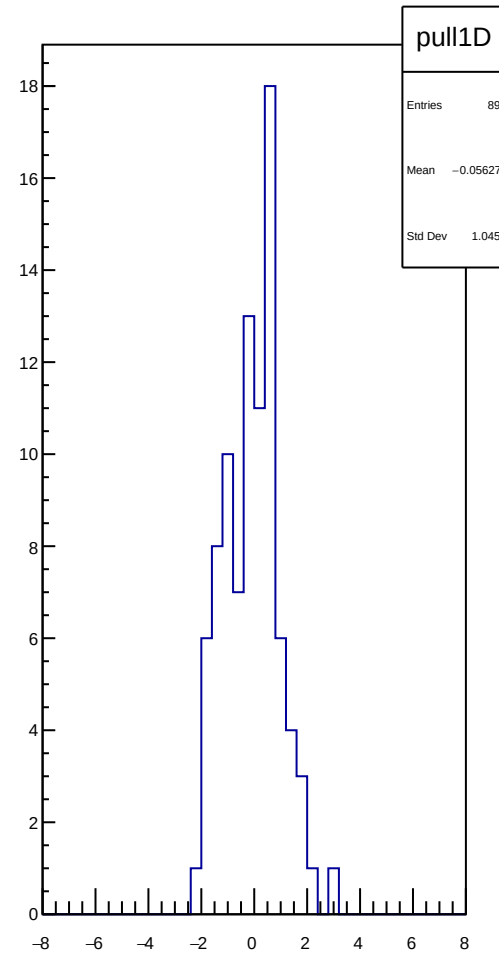
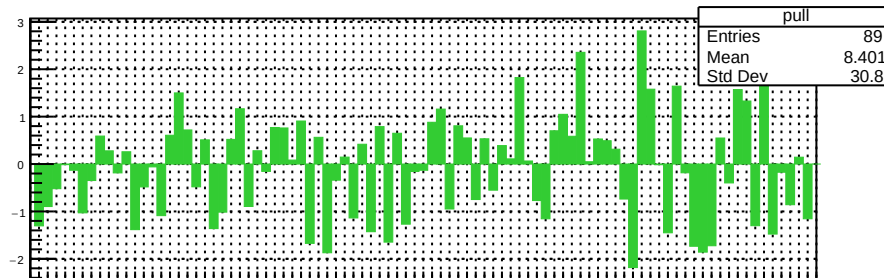
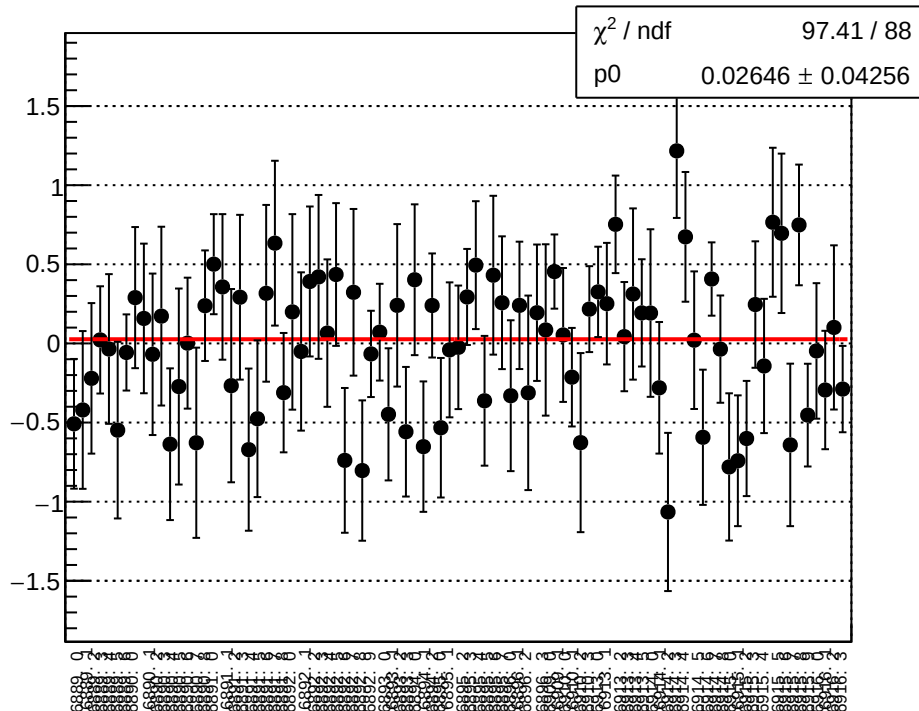
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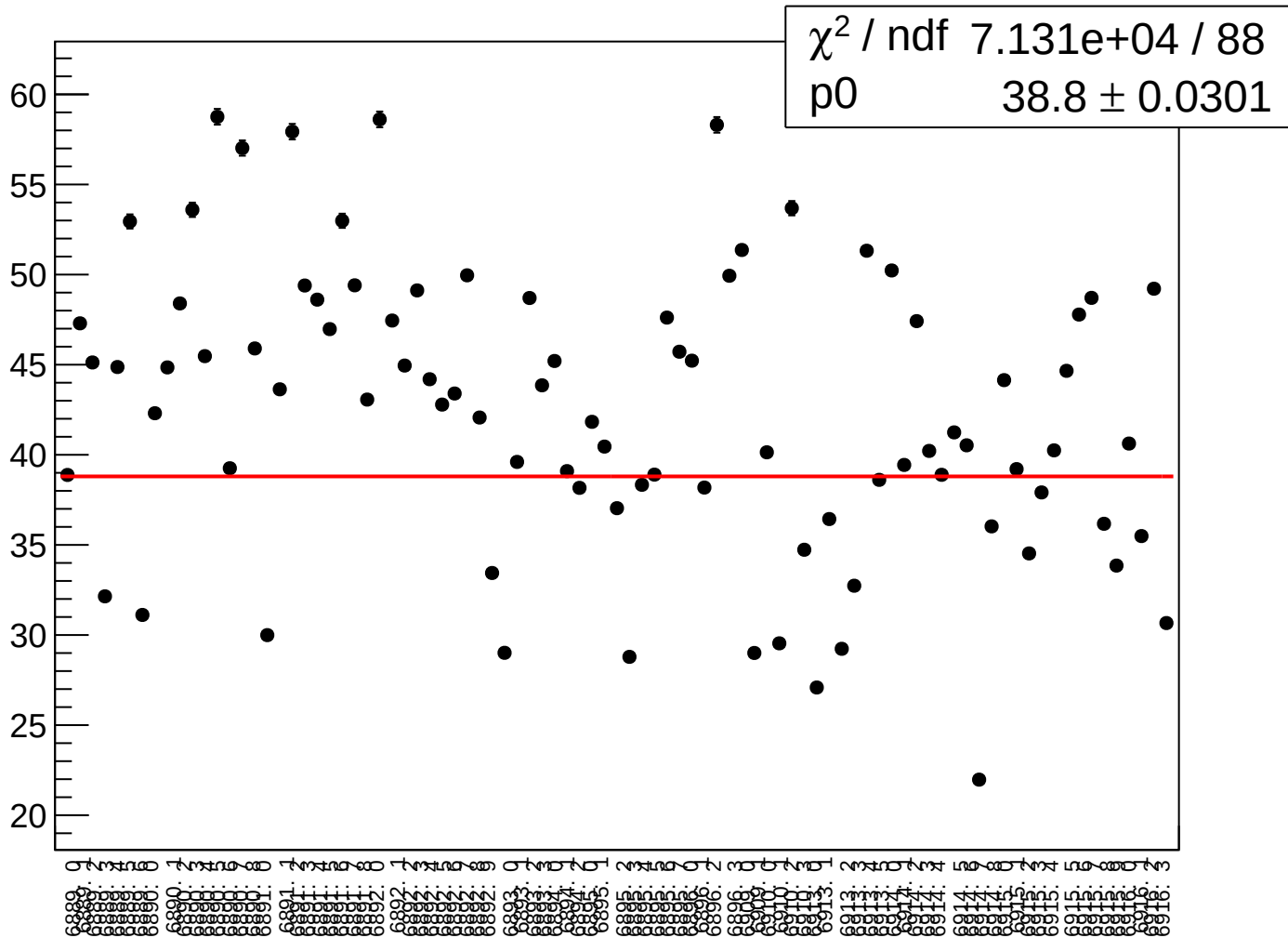
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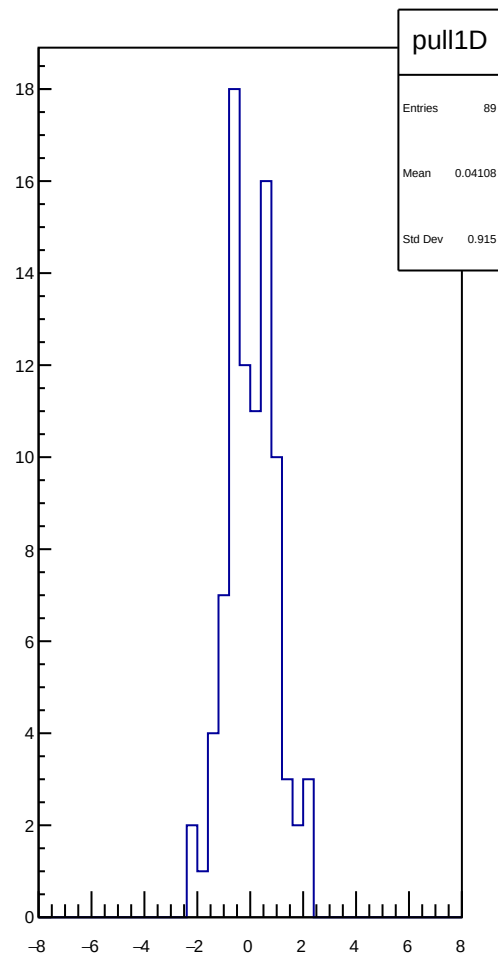
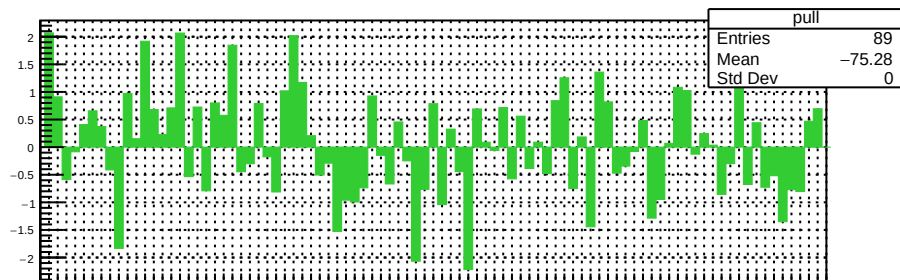
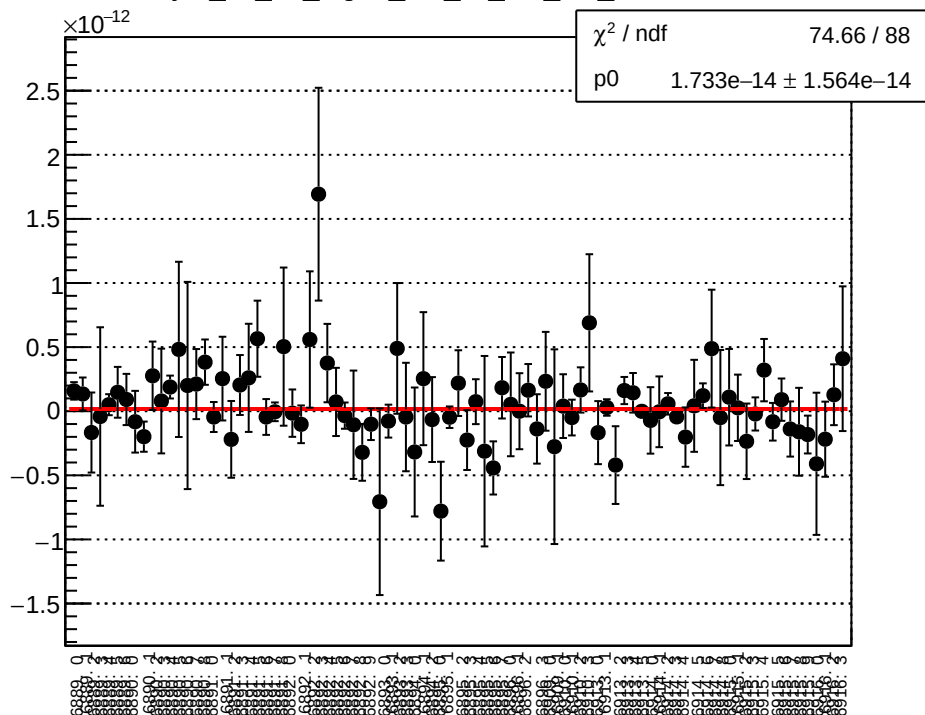
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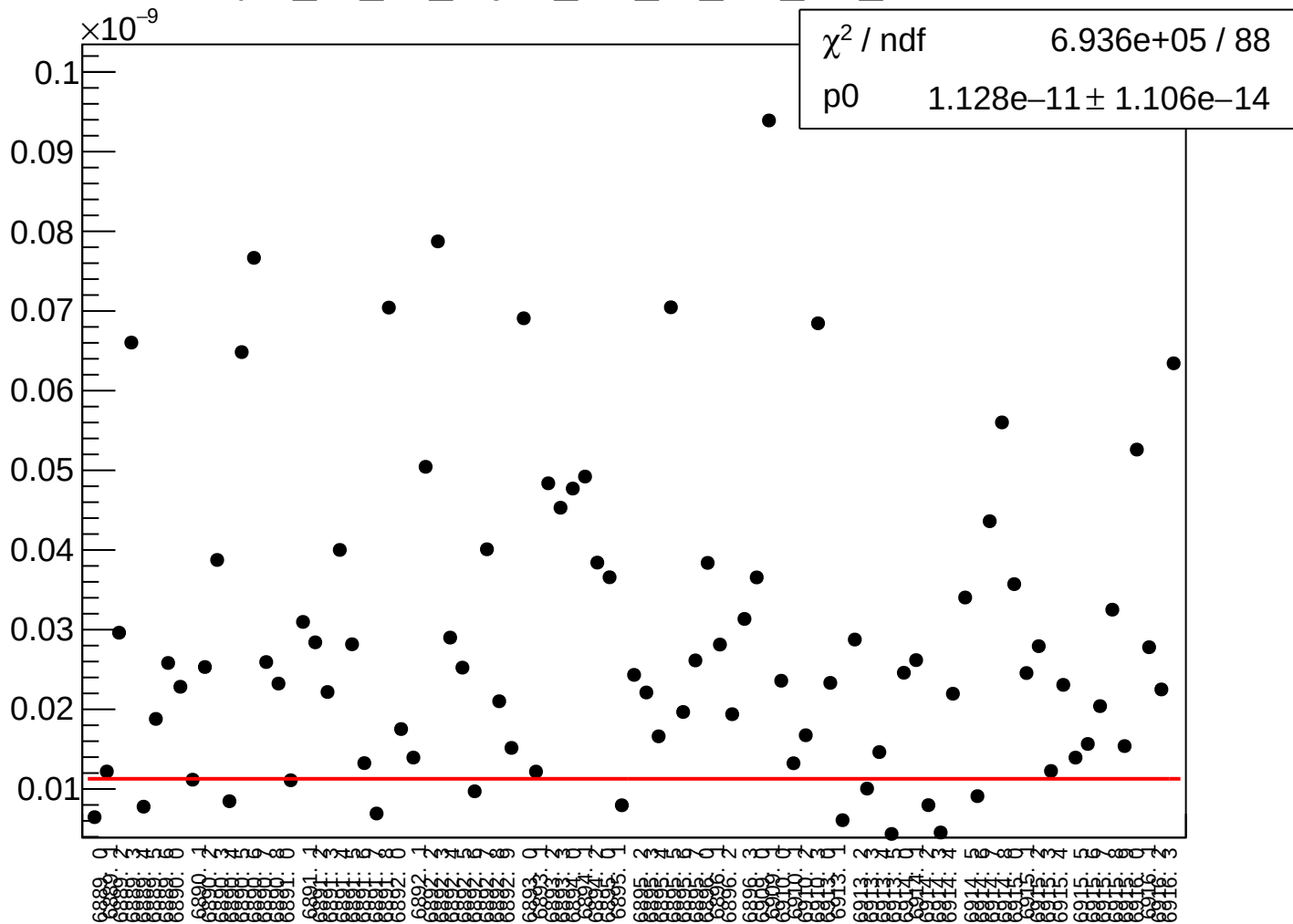
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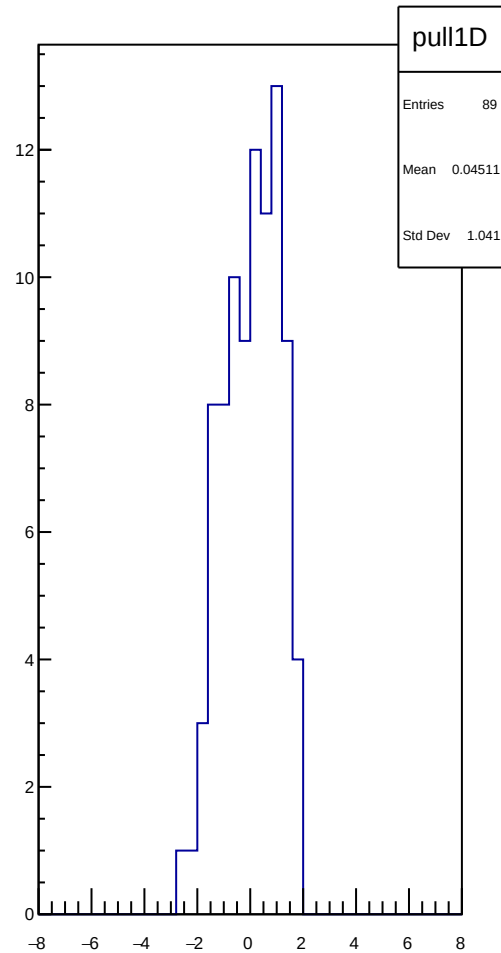
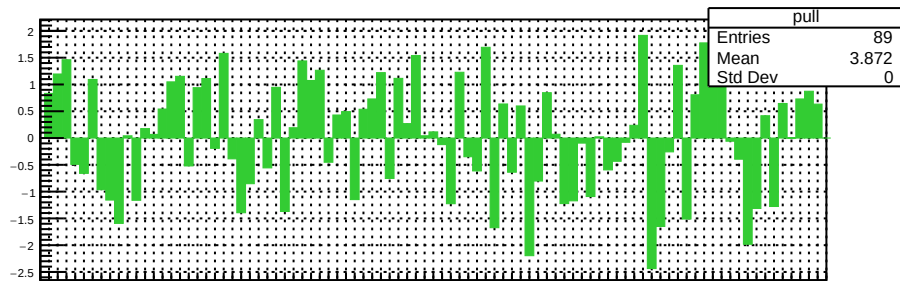
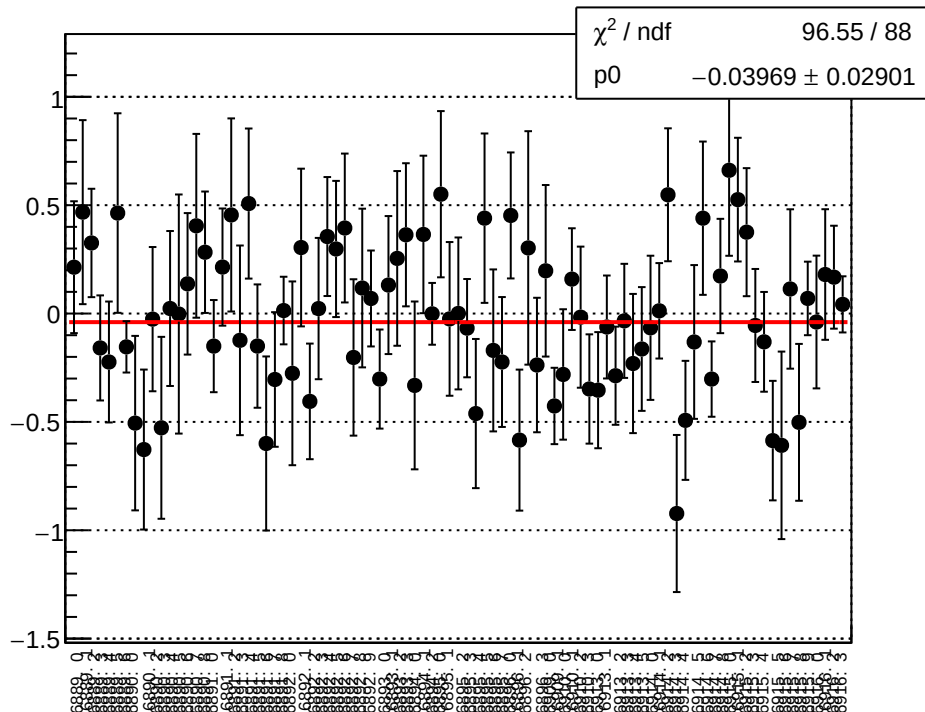
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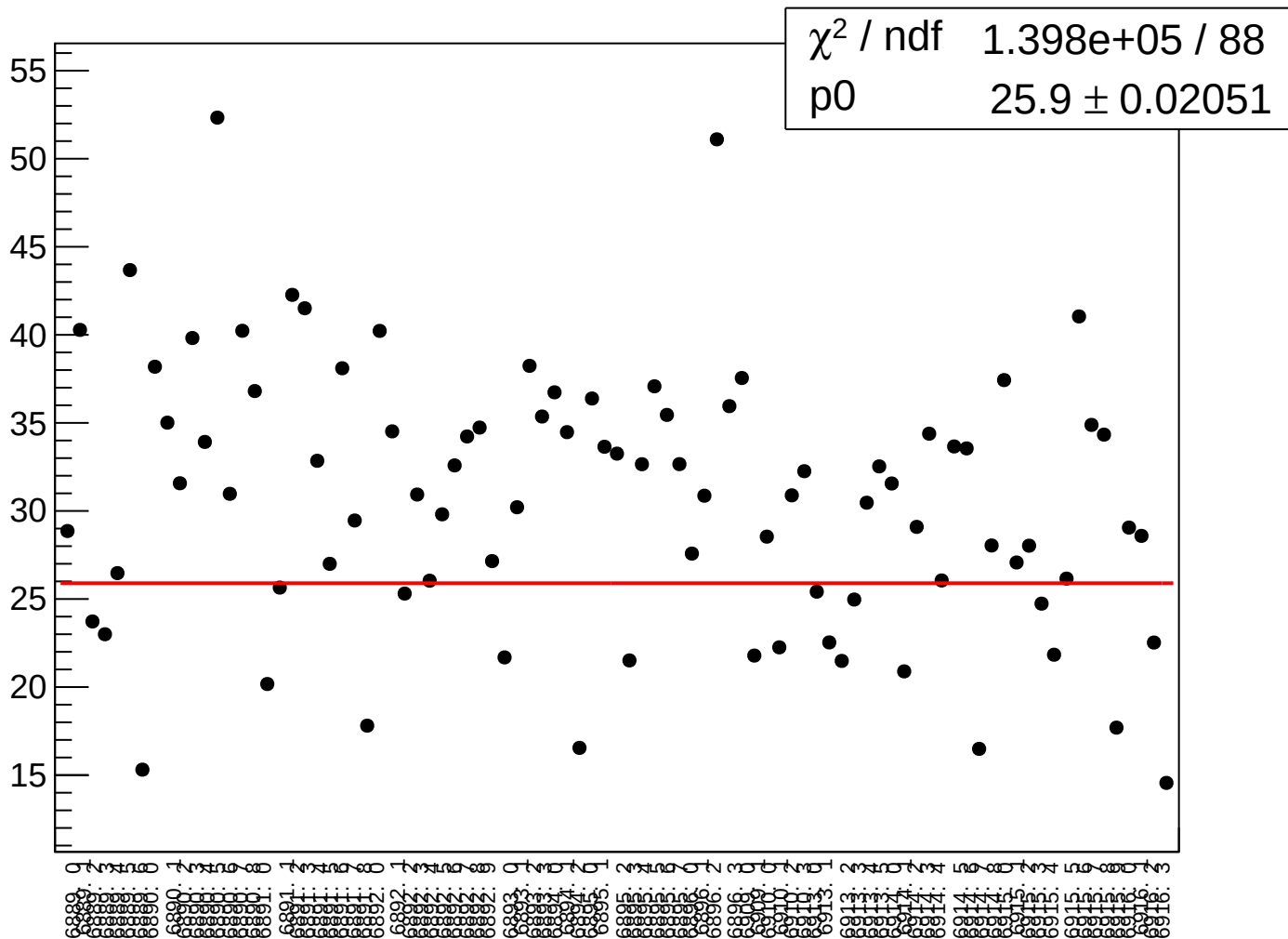
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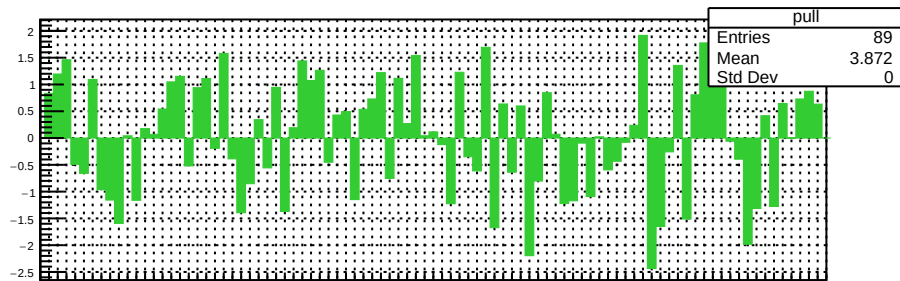
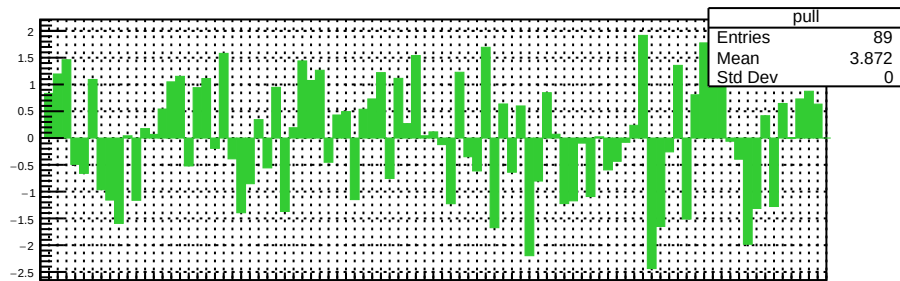
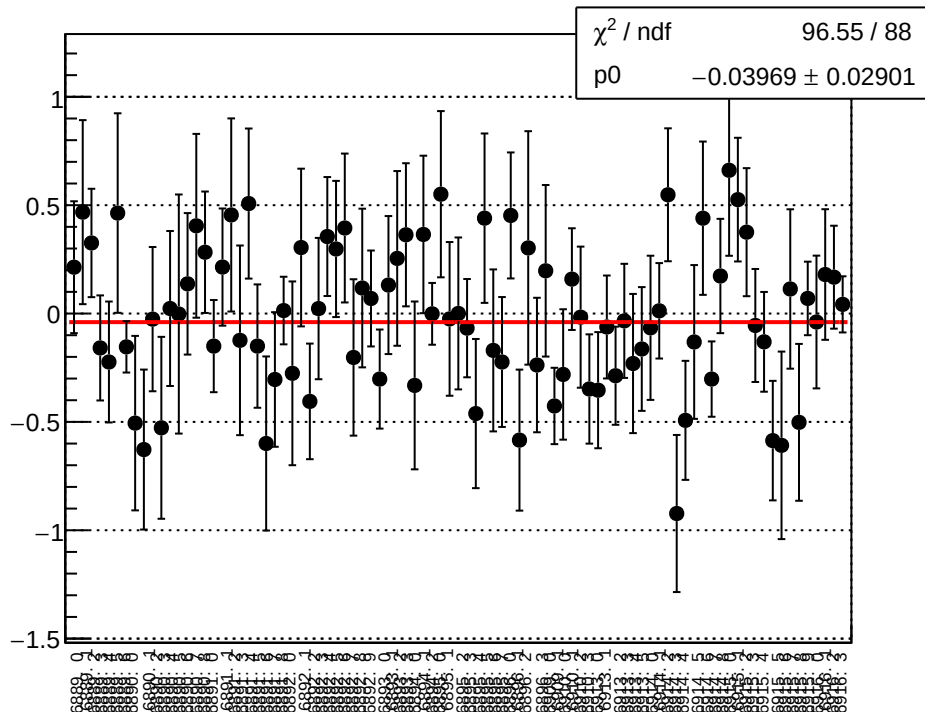
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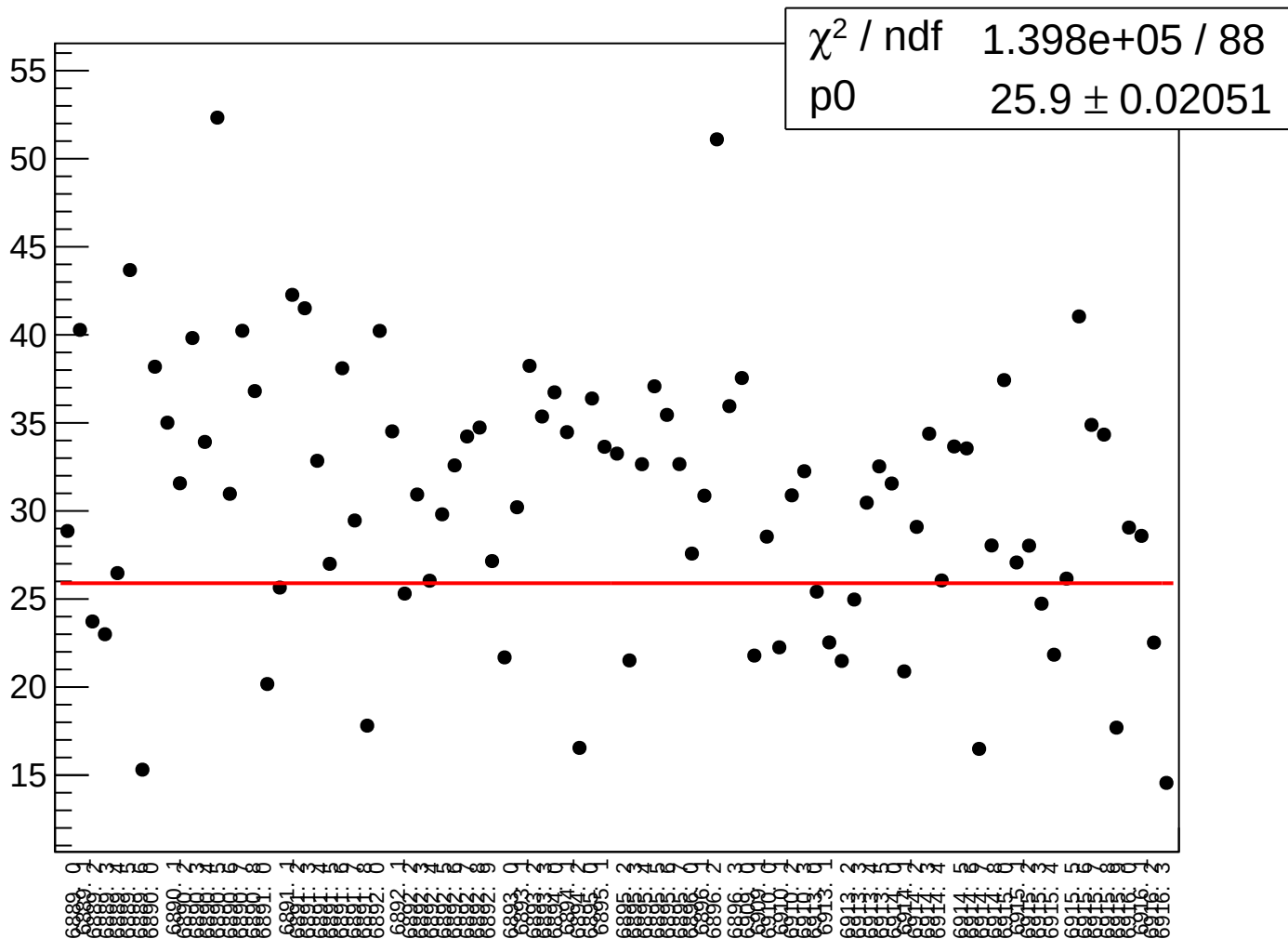
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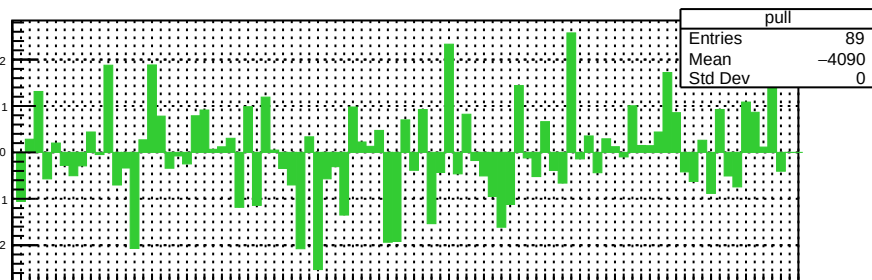
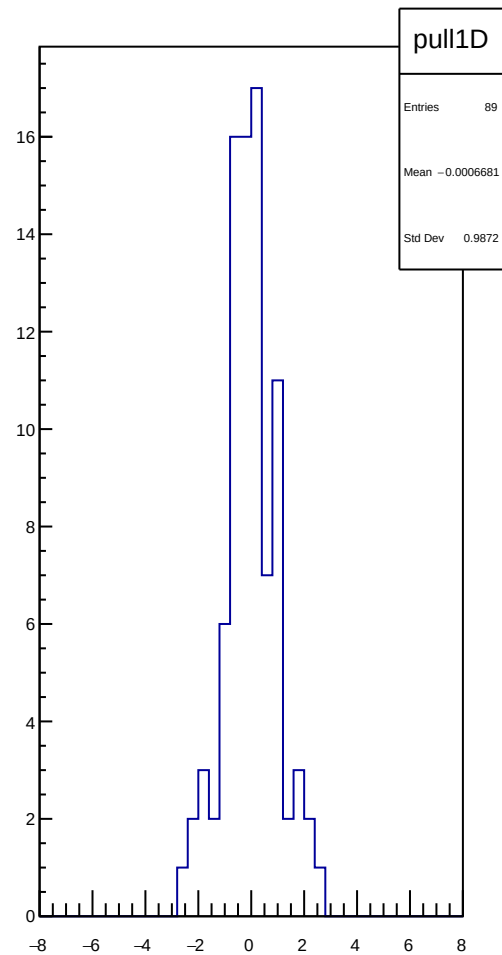
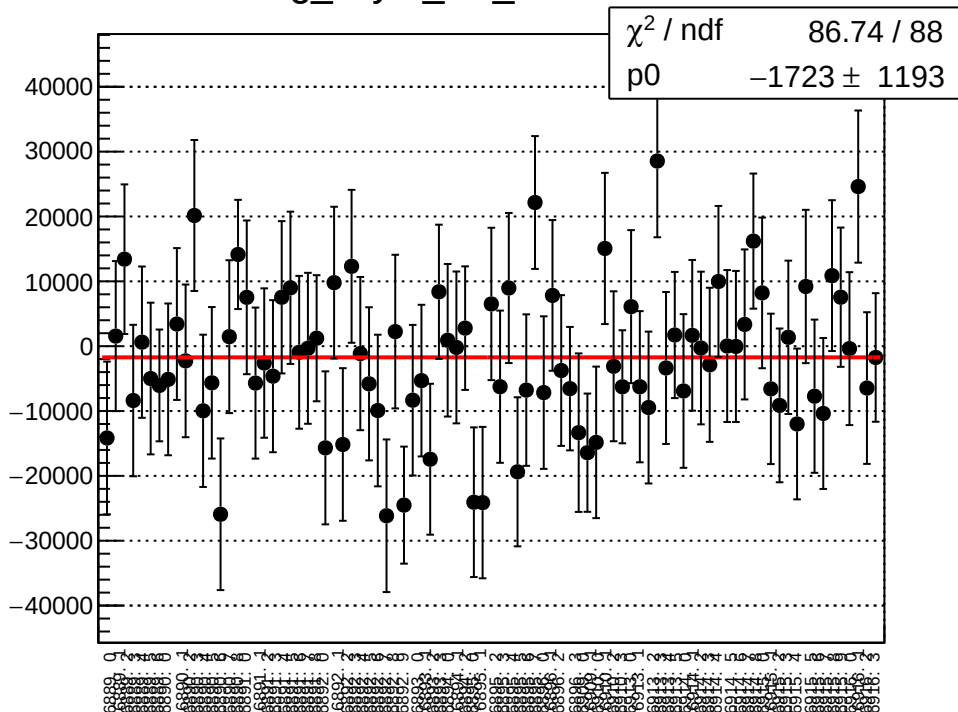
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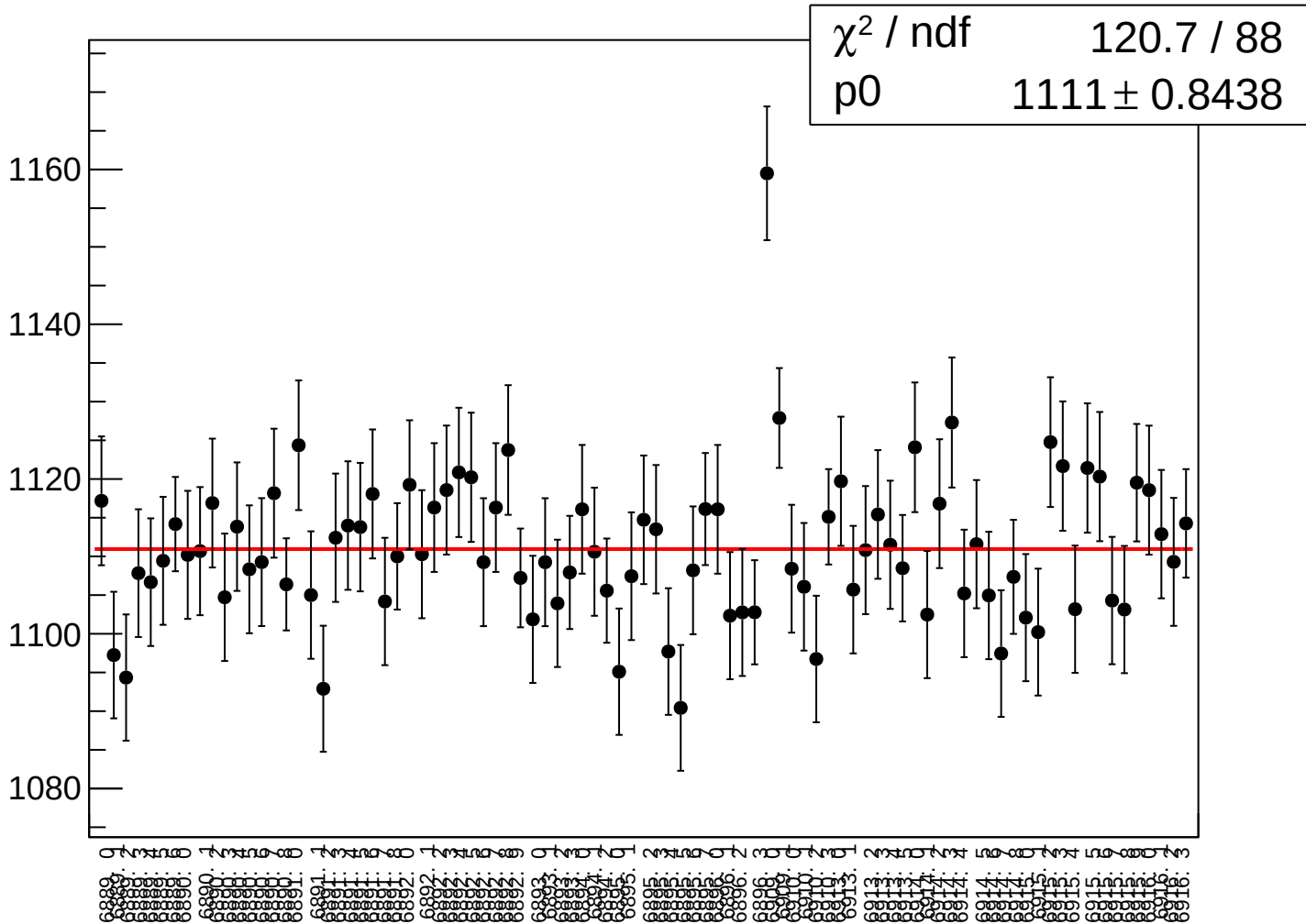
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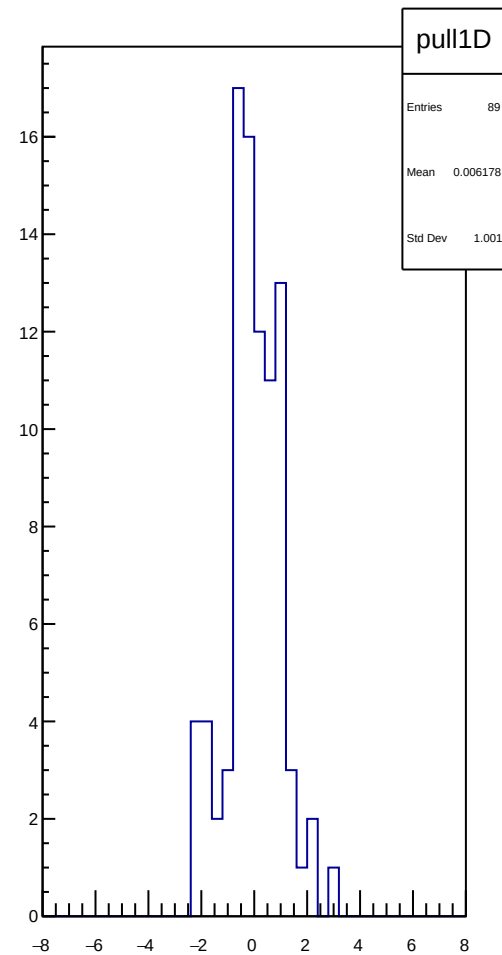
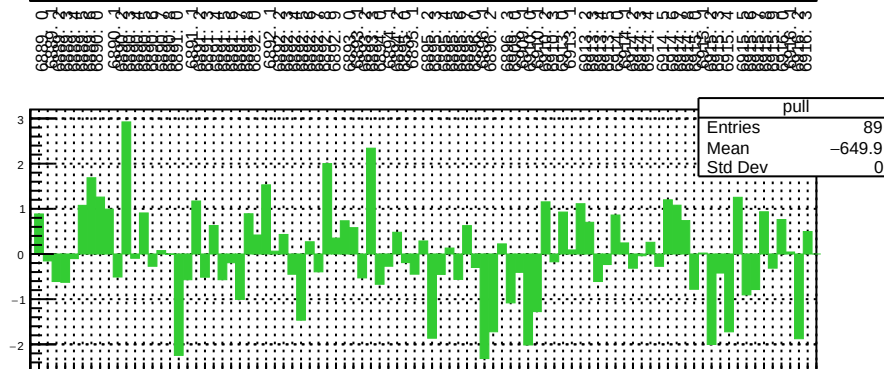
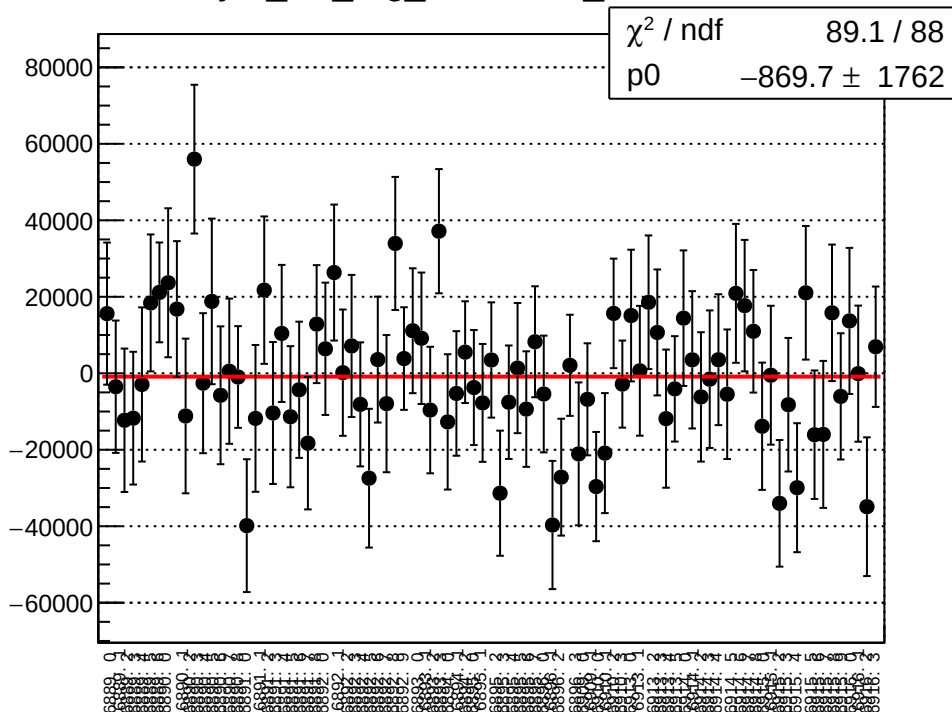
reg_asym_usl_mean vs run



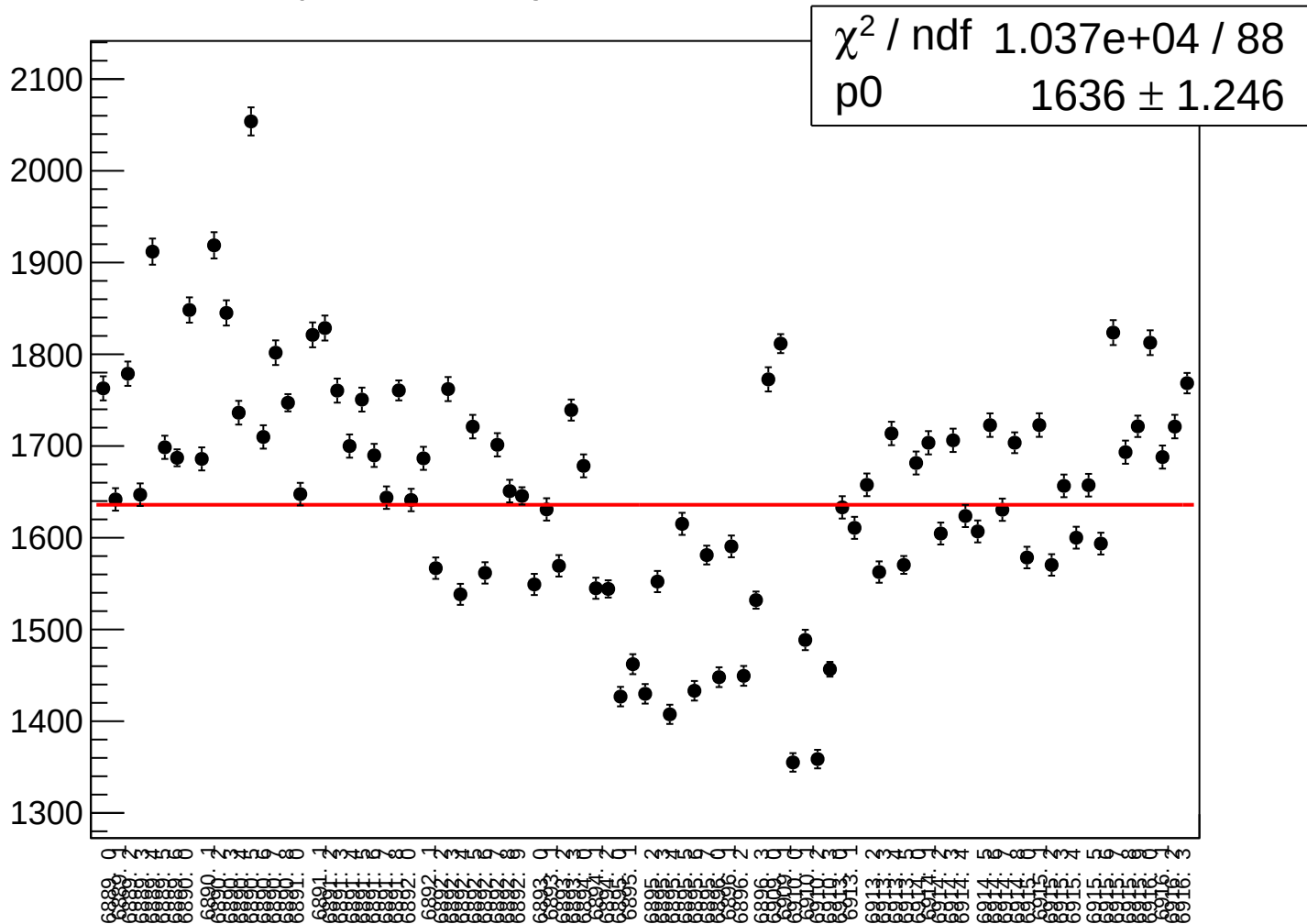
reg_asym_usl_rms vs run



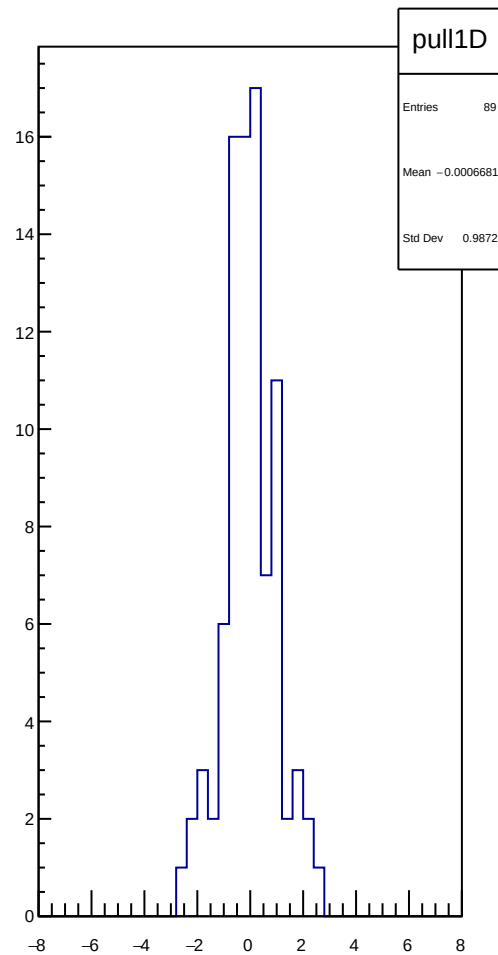
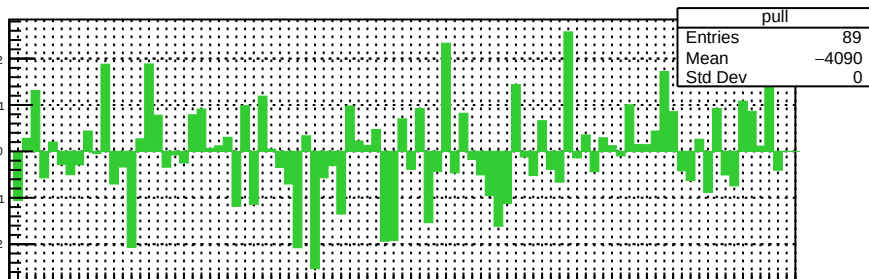
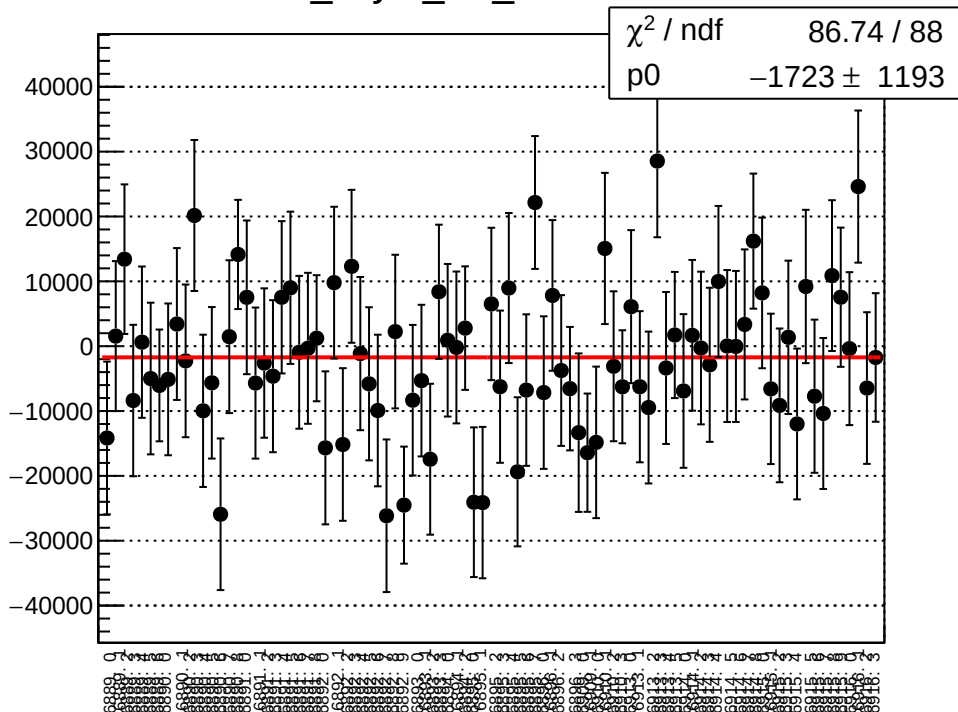
asym_usl_reg_correction_mean vs run



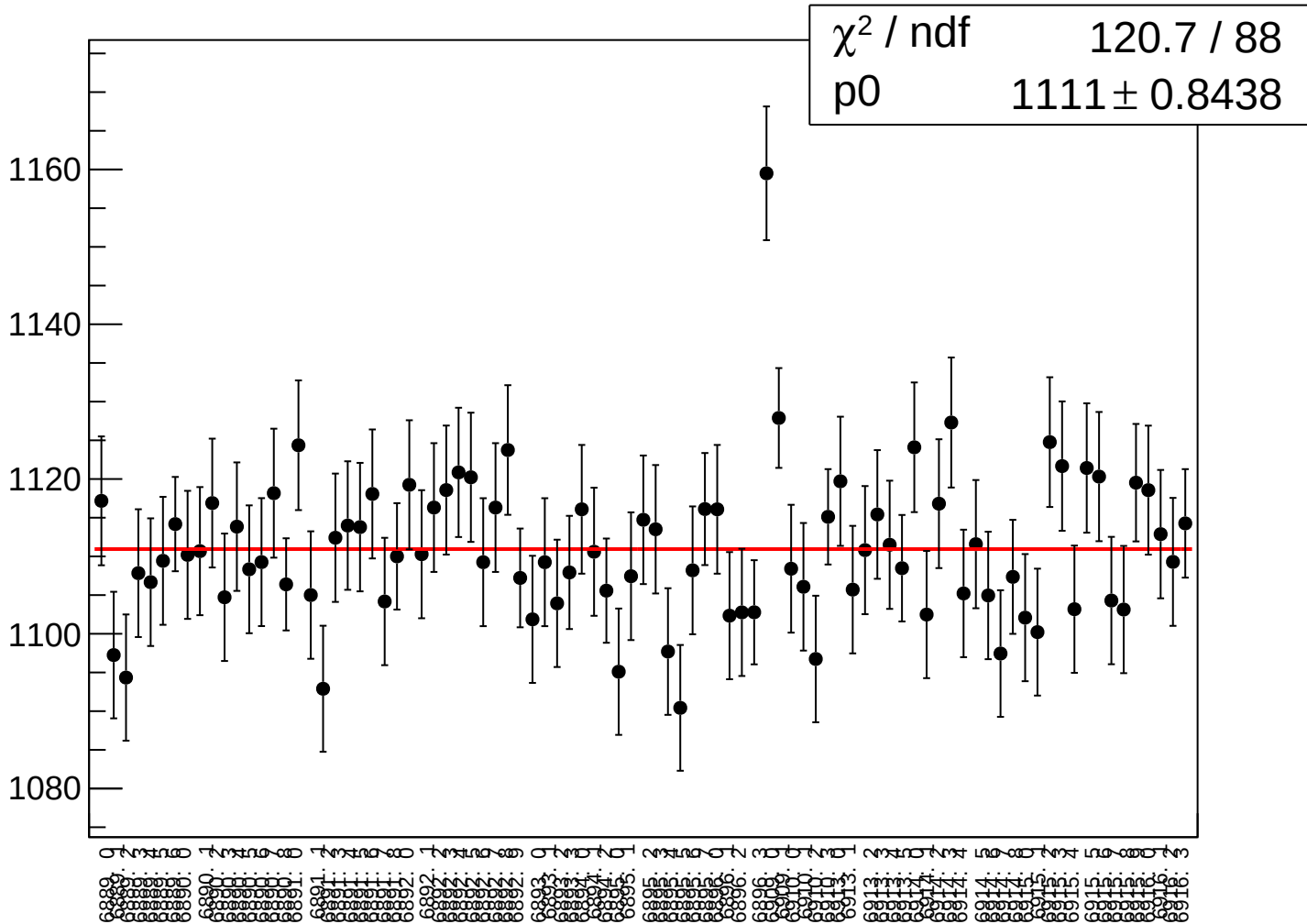
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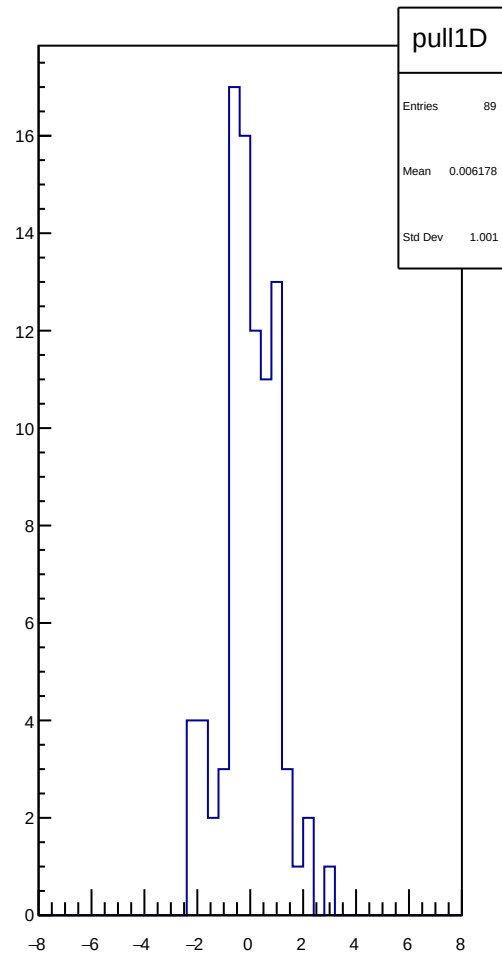
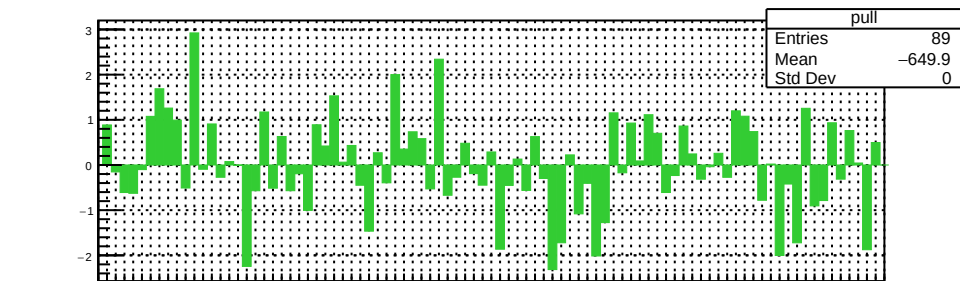
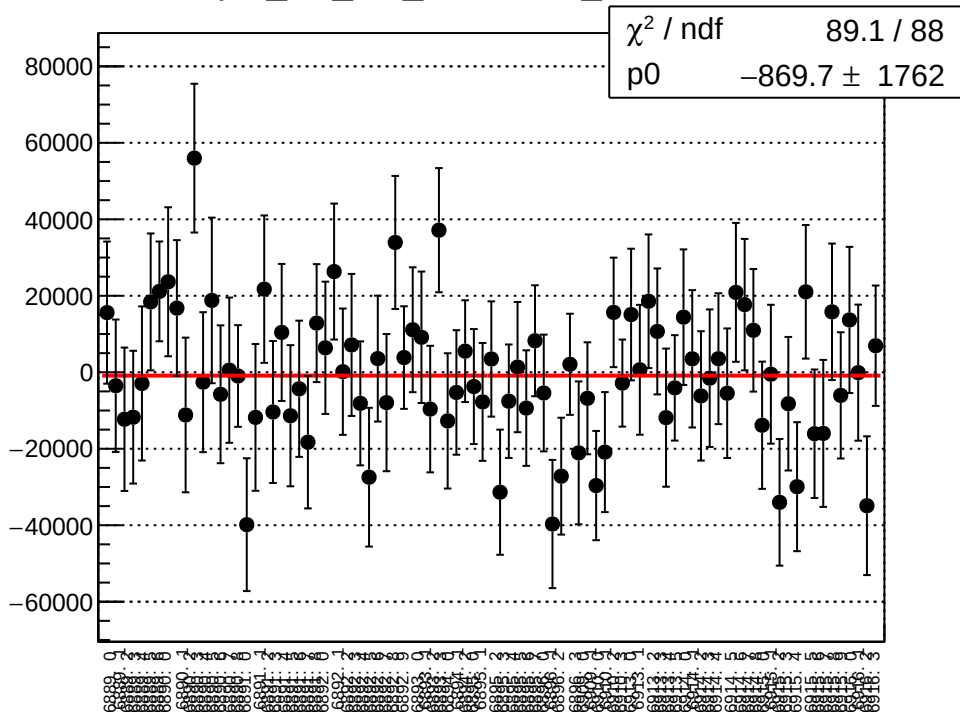
cor_asym_usl_mean vs run



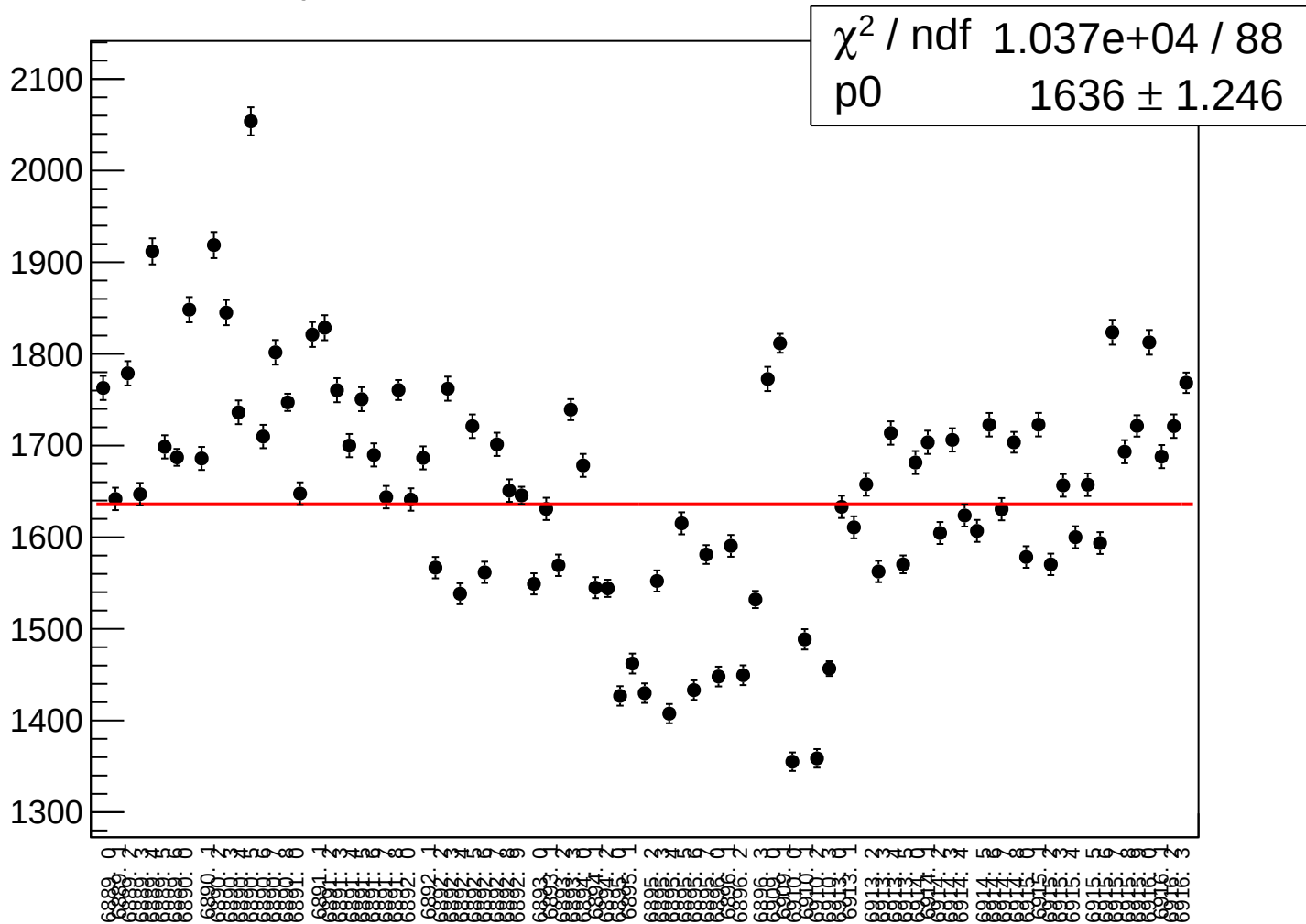
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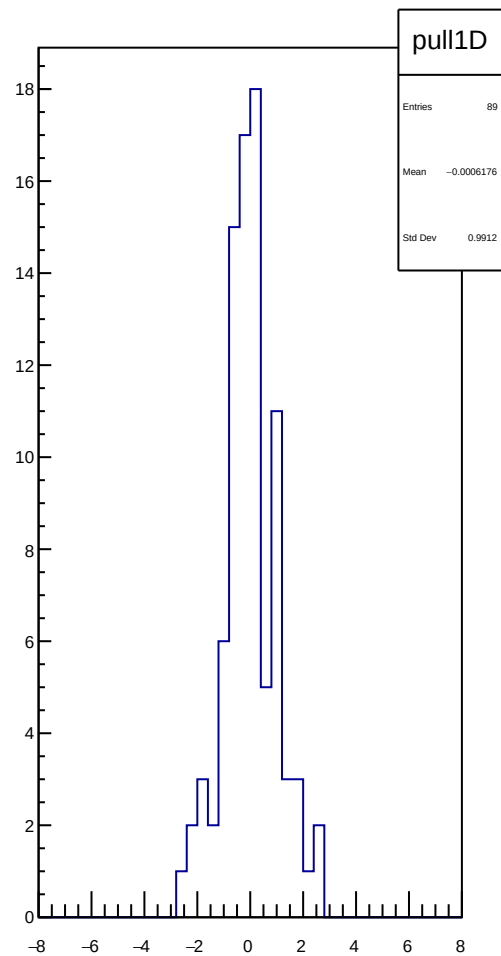
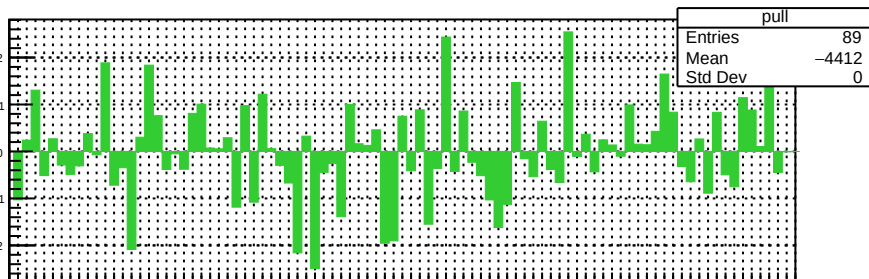
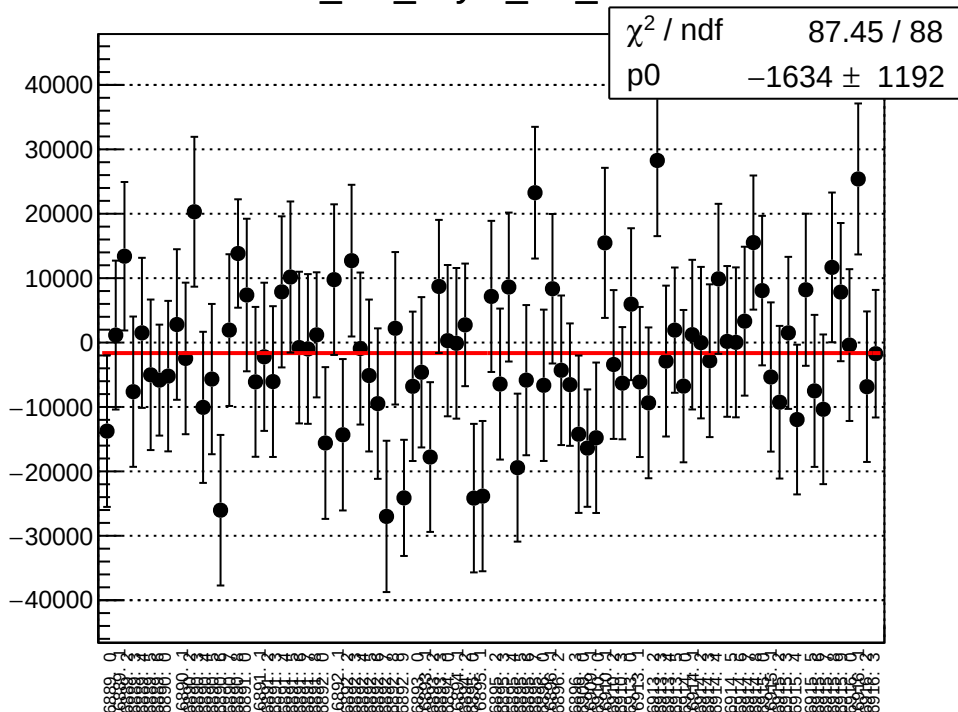
asym_usl_cor_correction_mean vs run



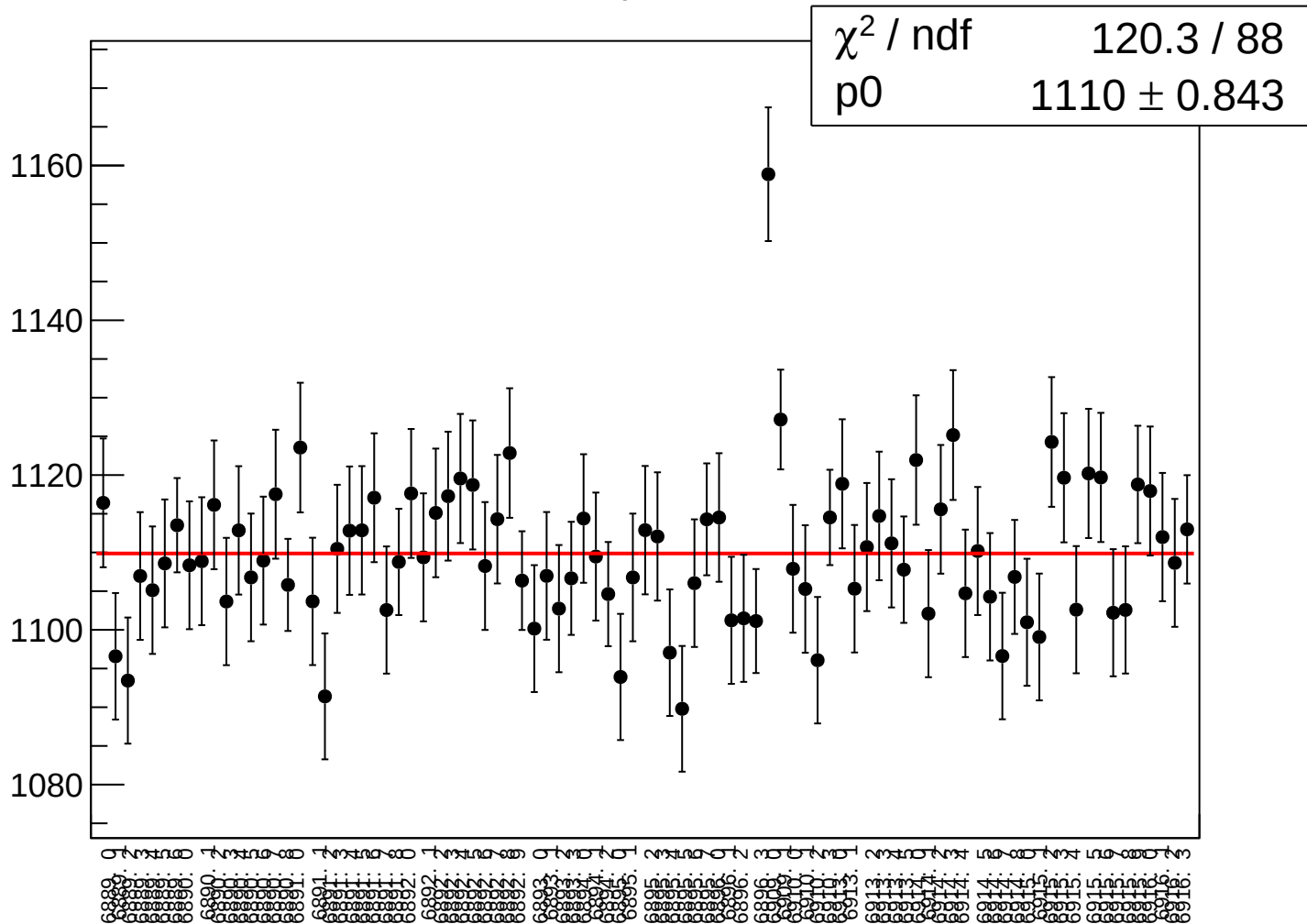
asym_usl_cor_correction_rms vs run



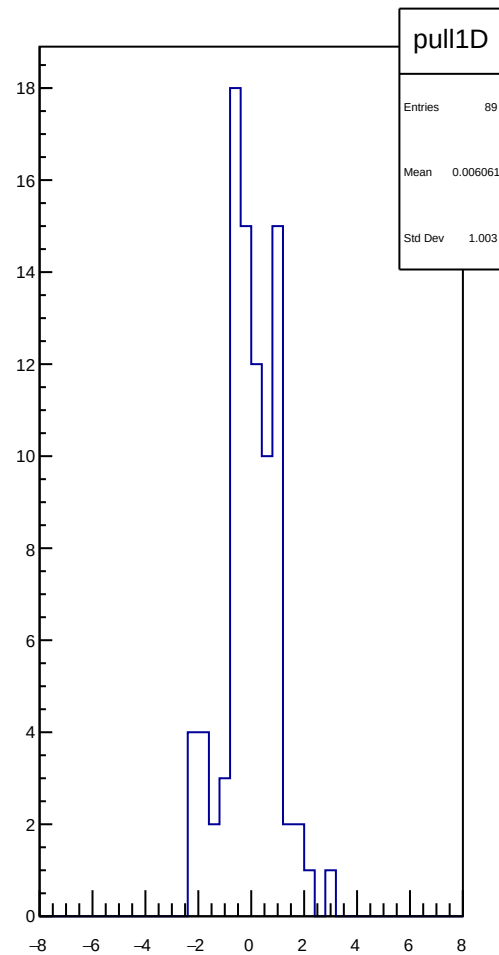
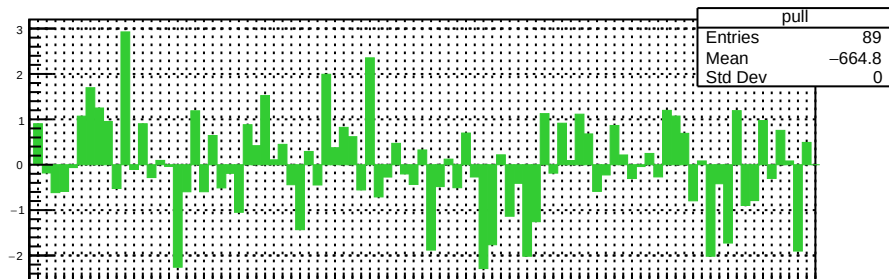
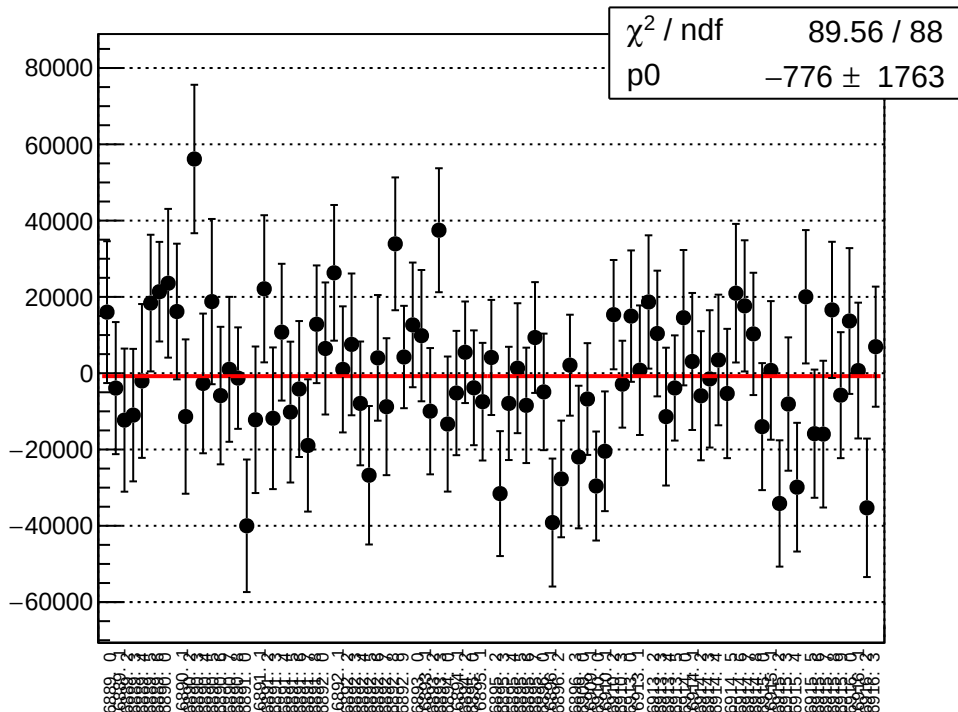
overload_cor_asym_usl_mean vs run



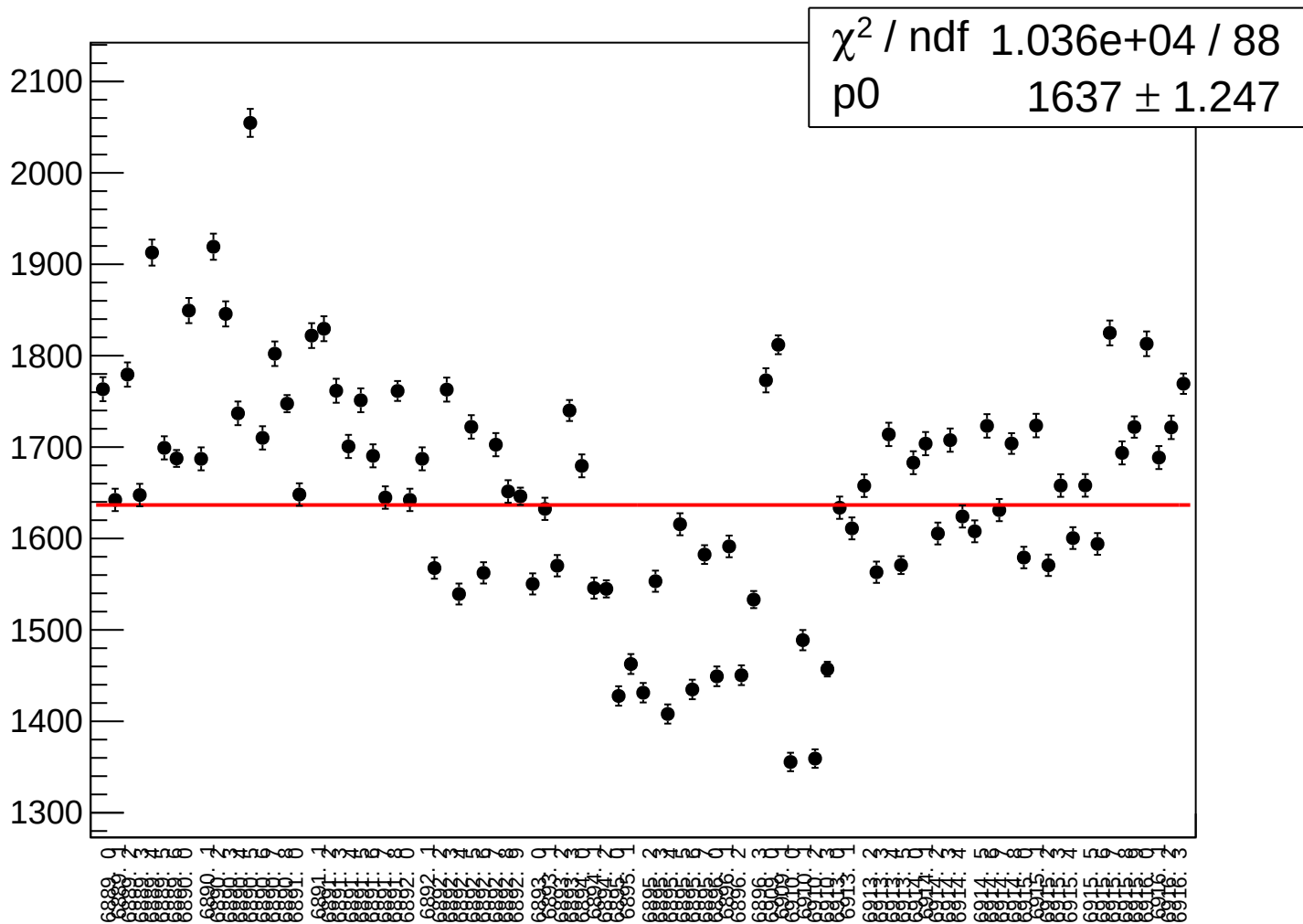
overload_cor_asym_usl_rms vs run



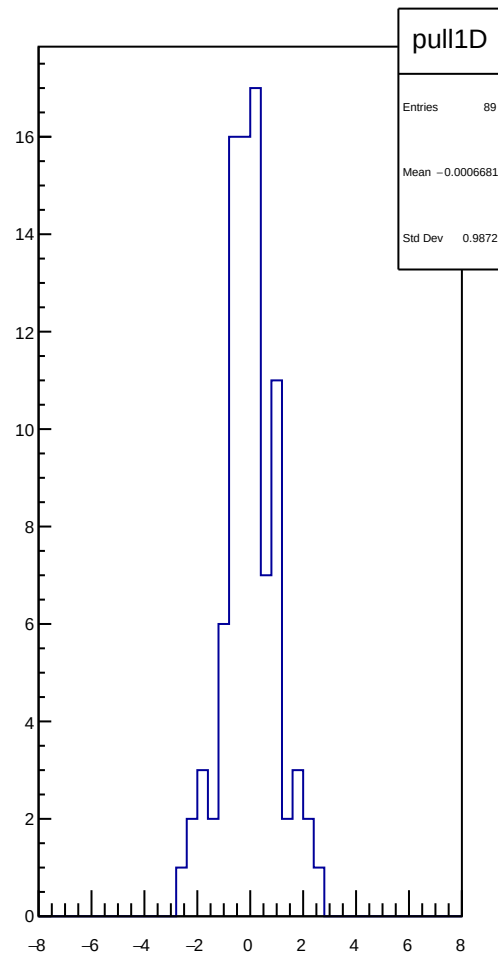
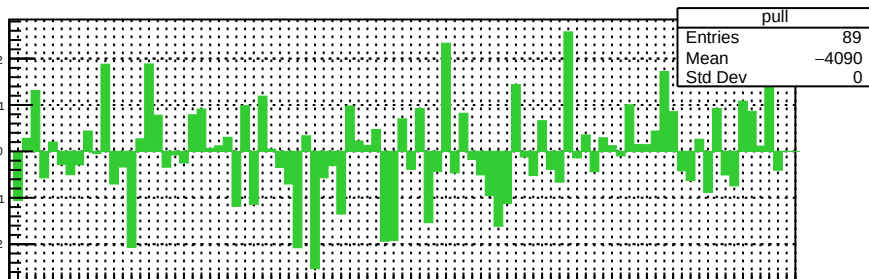
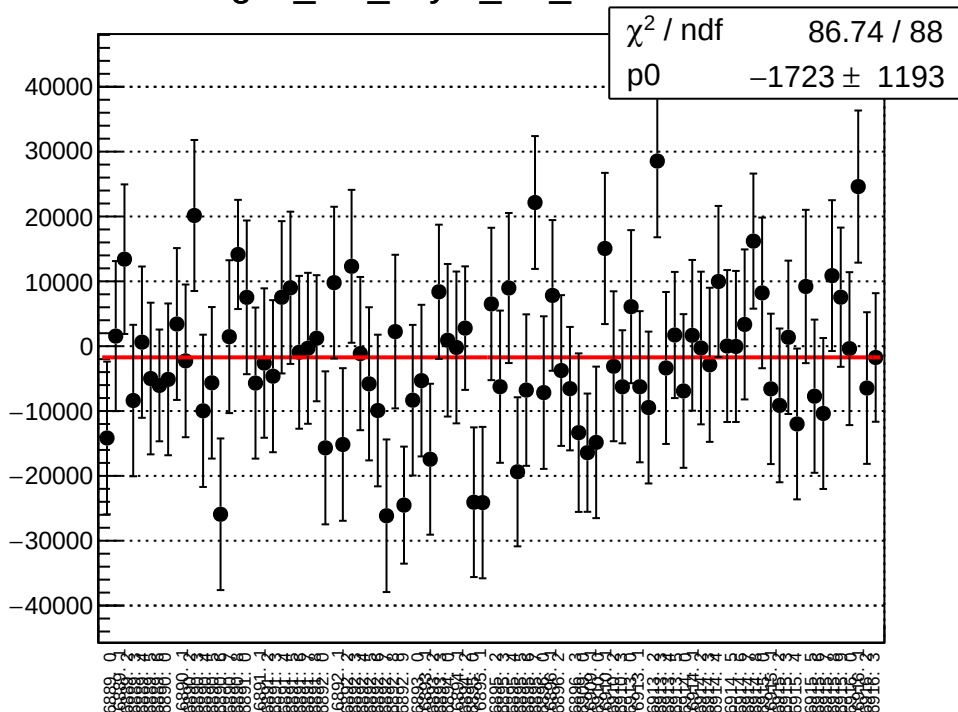
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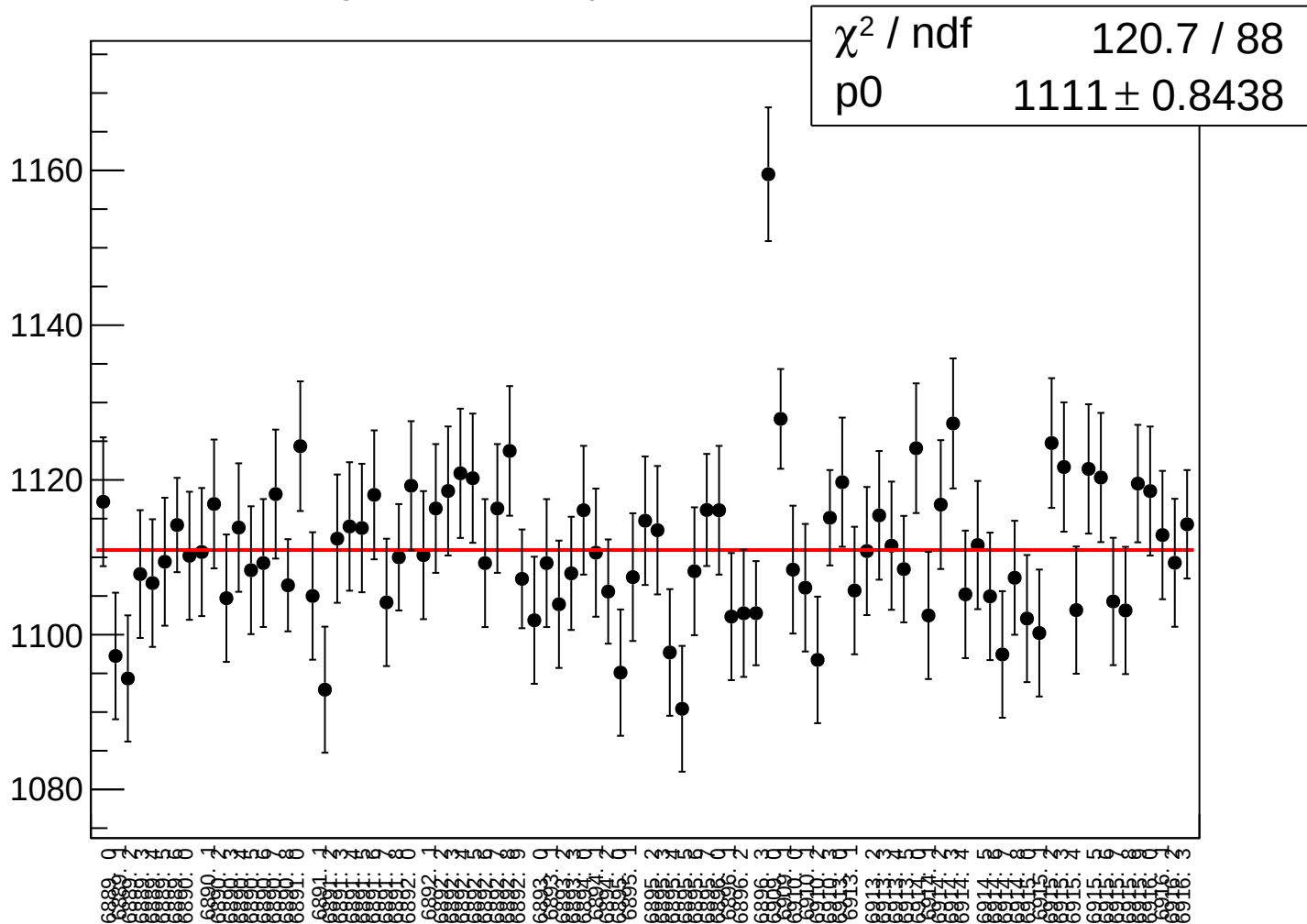
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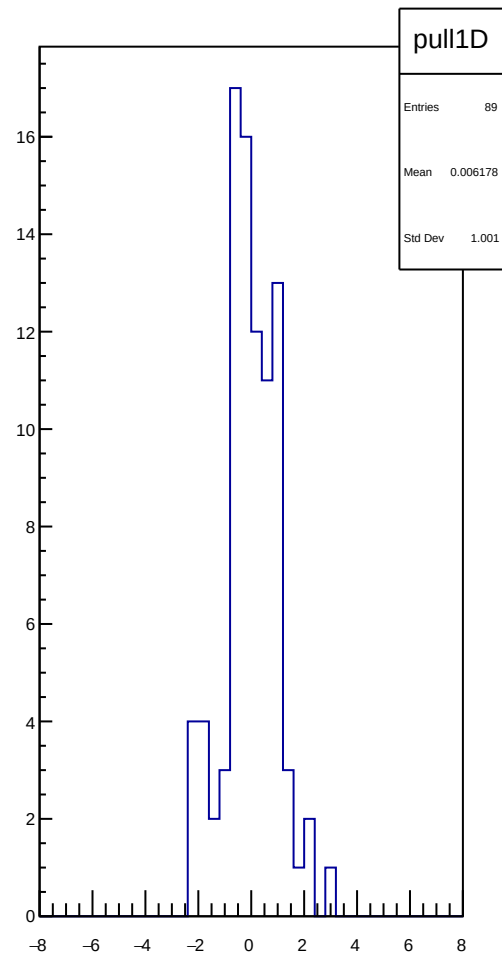
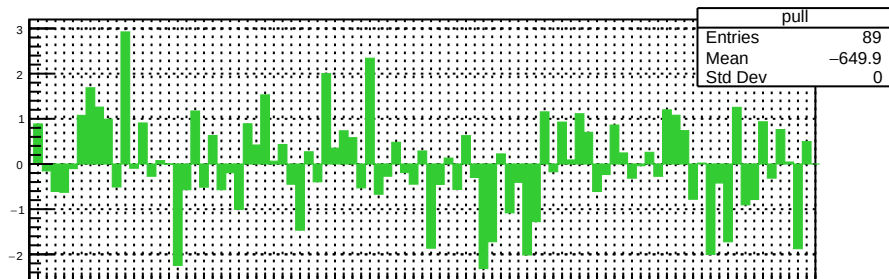
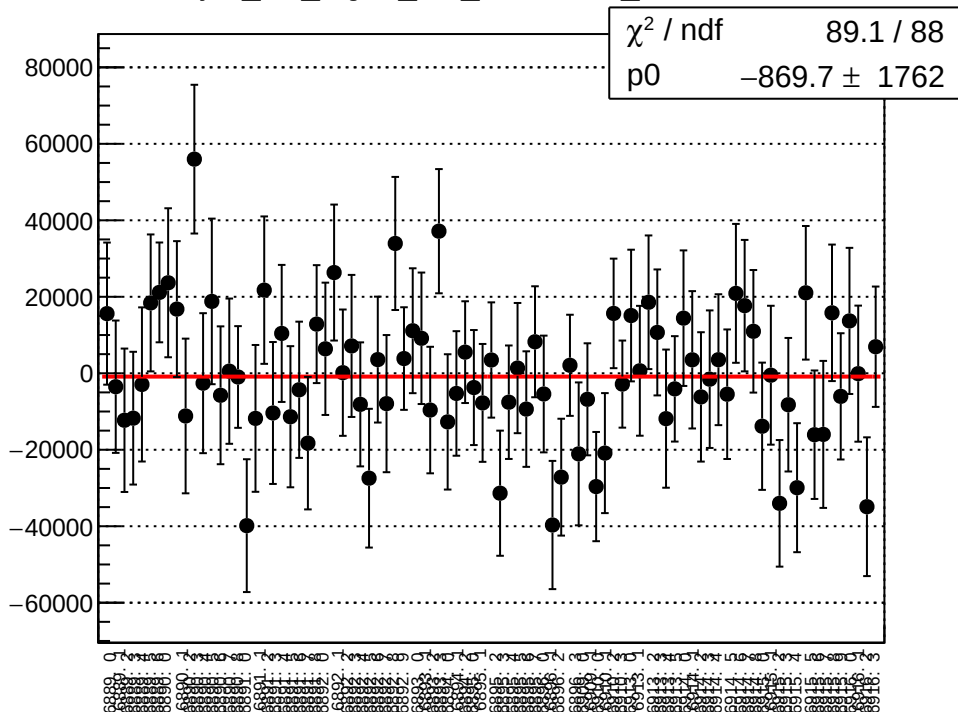
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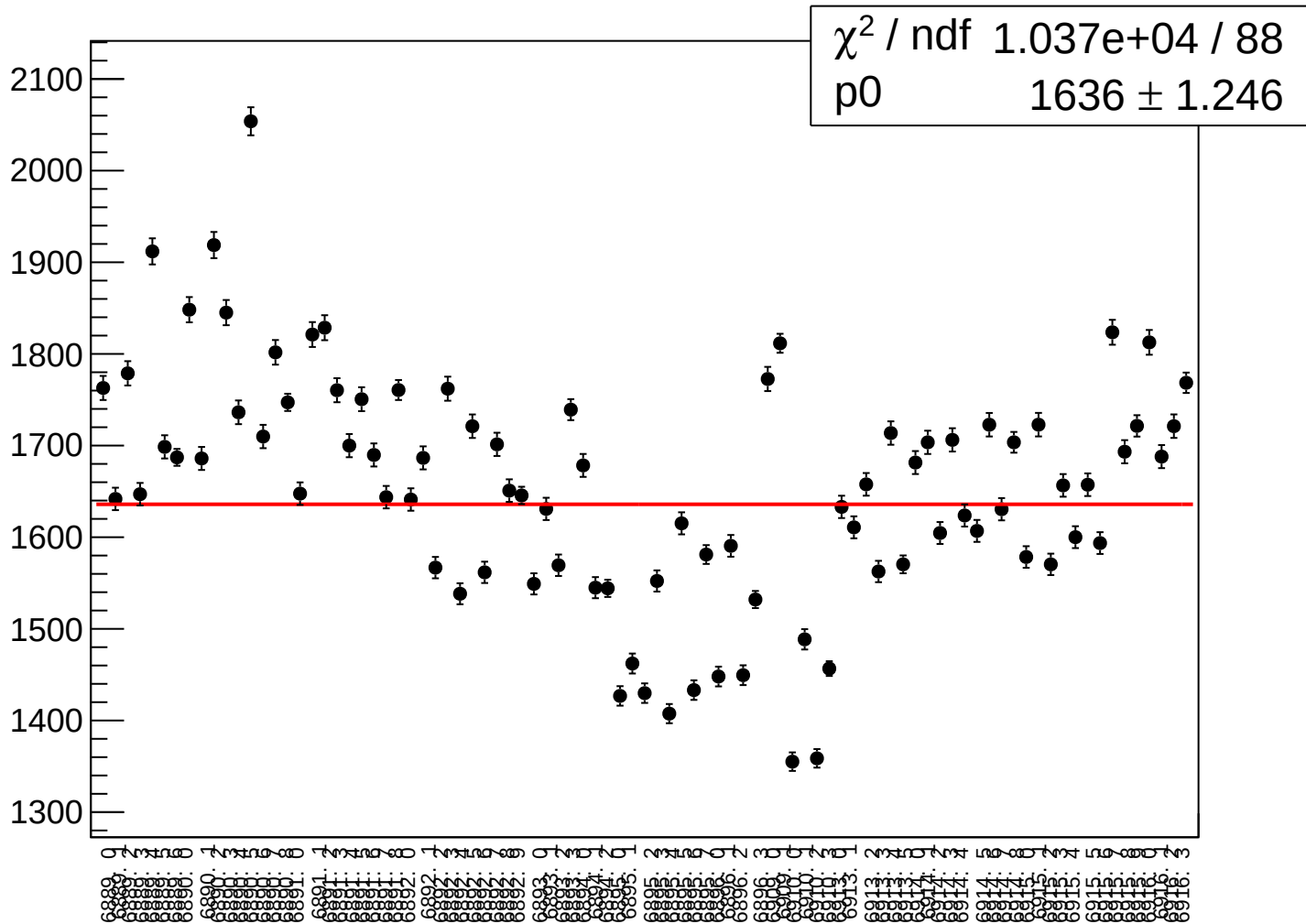
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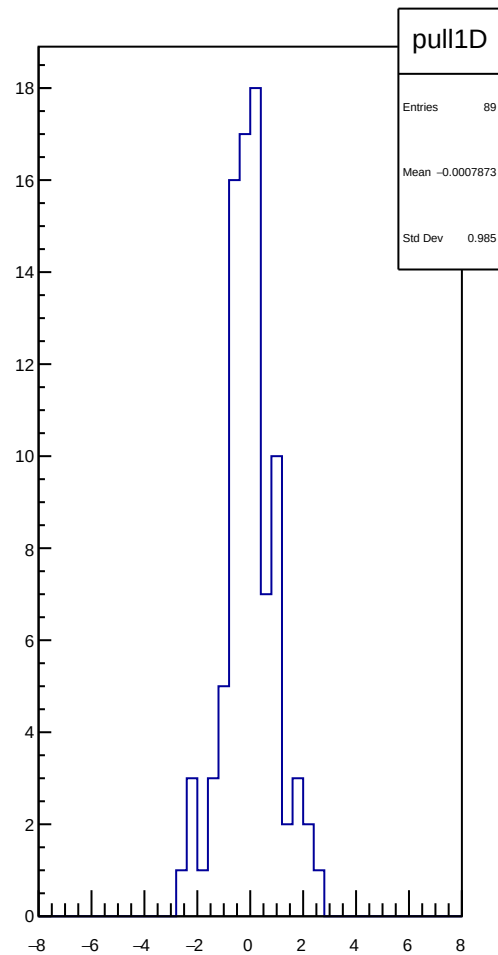
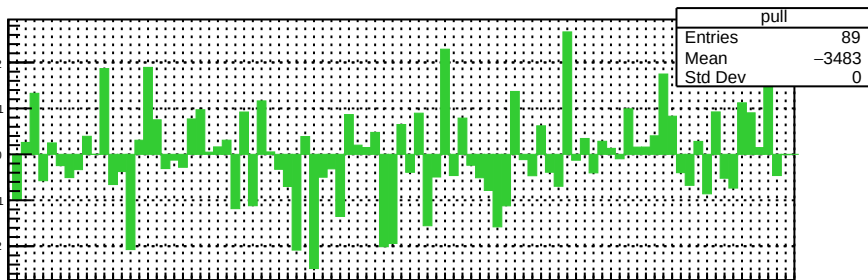
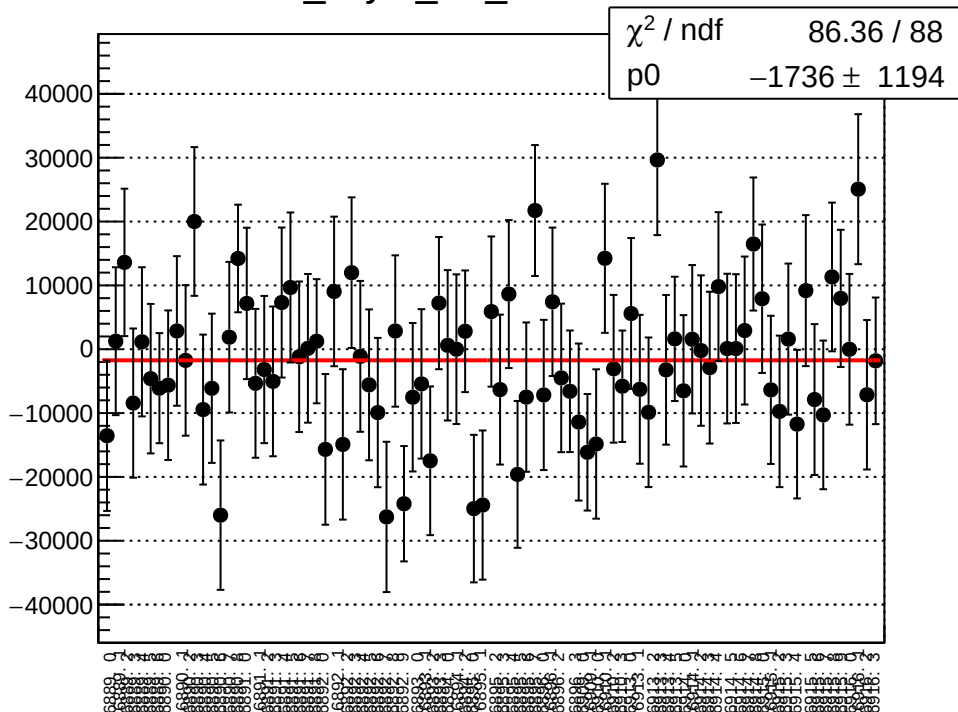
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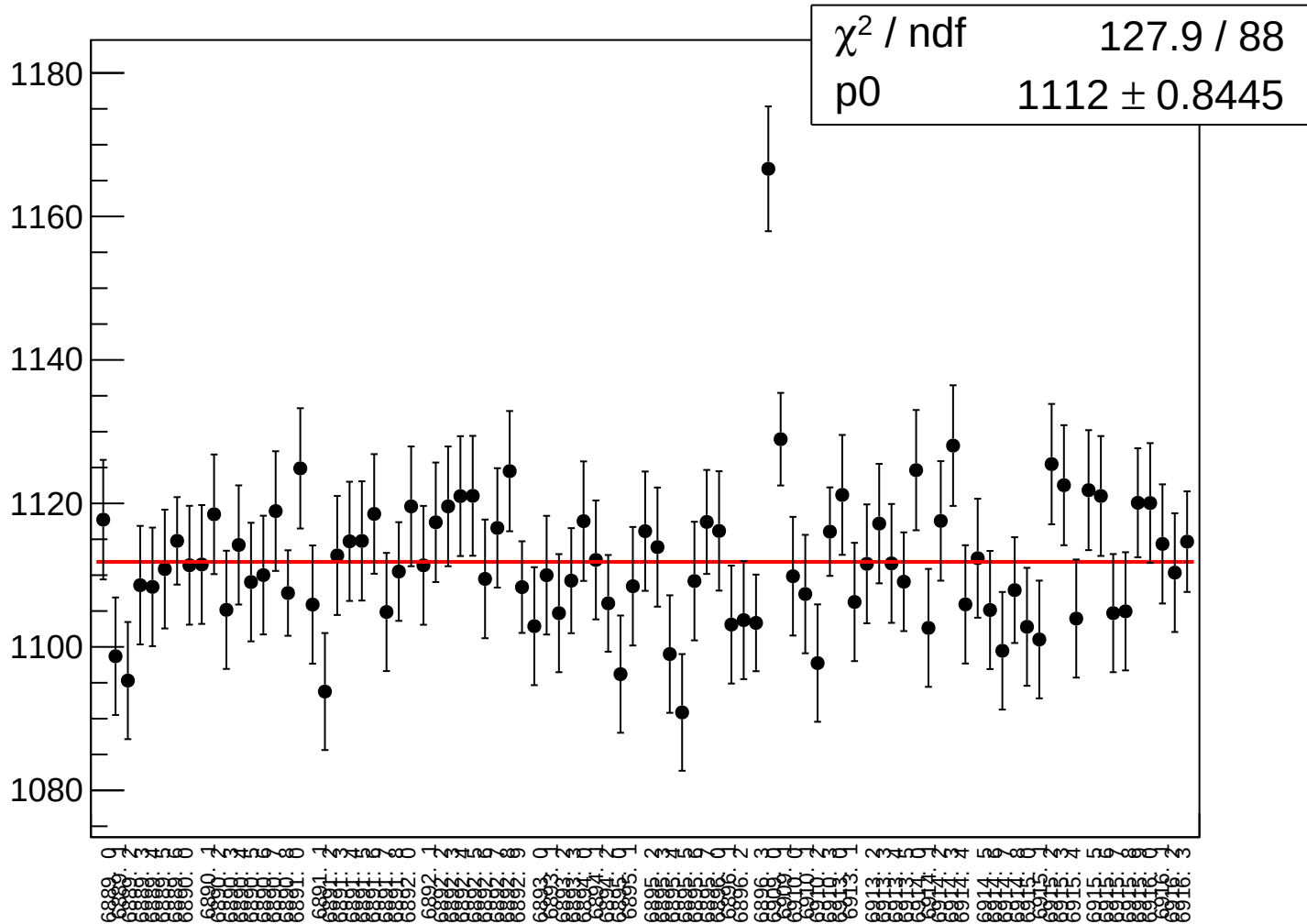
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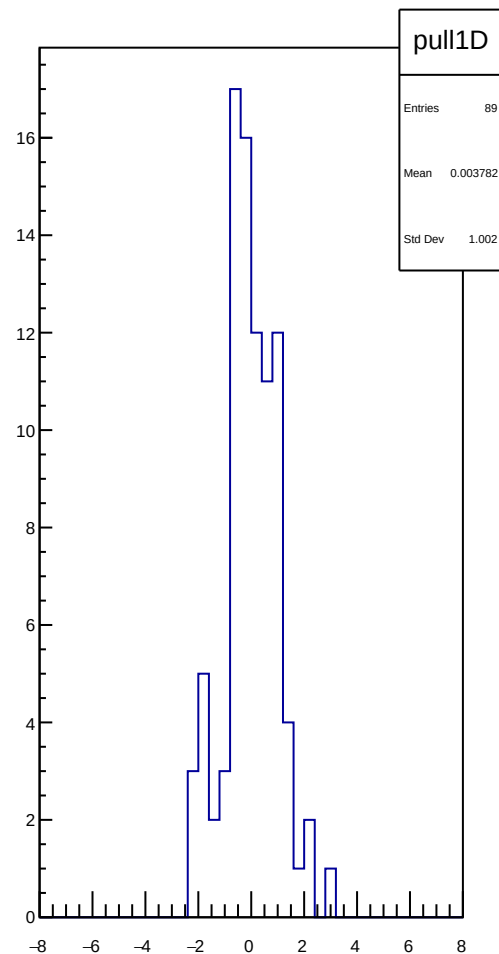
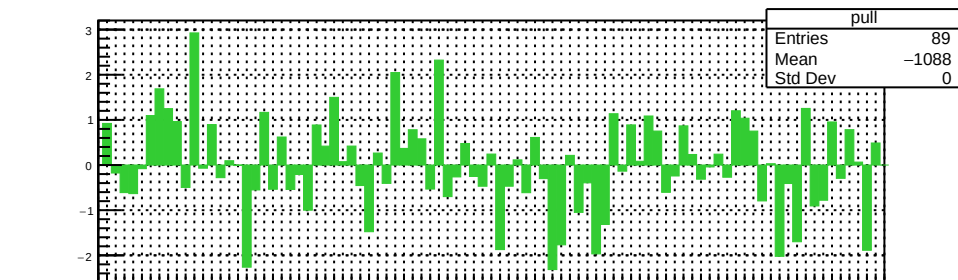
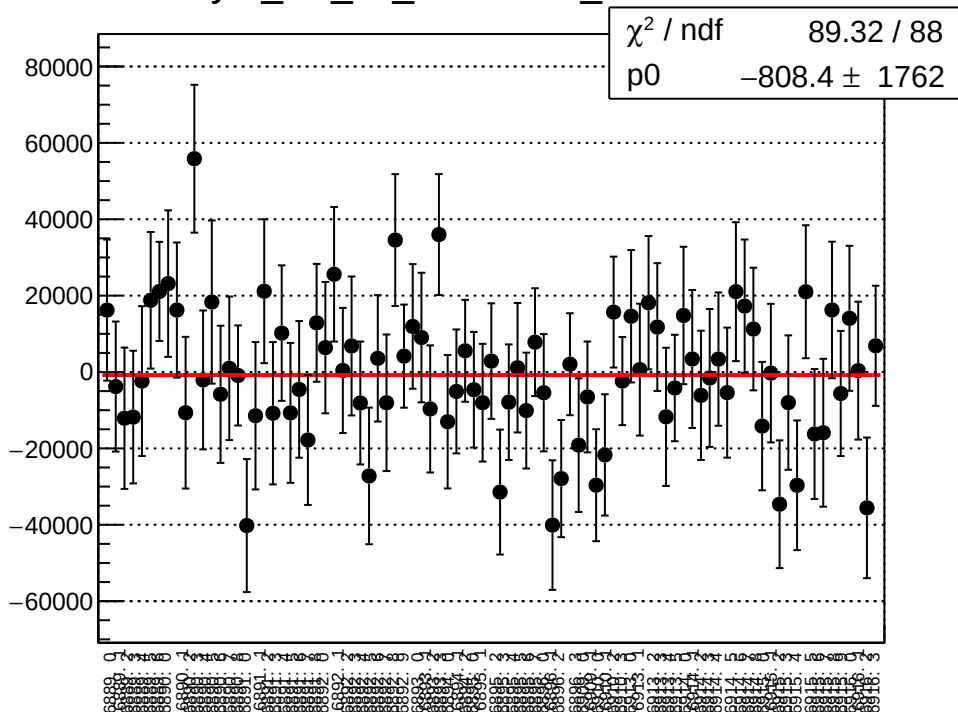
dit_asym_usl_mean vs run



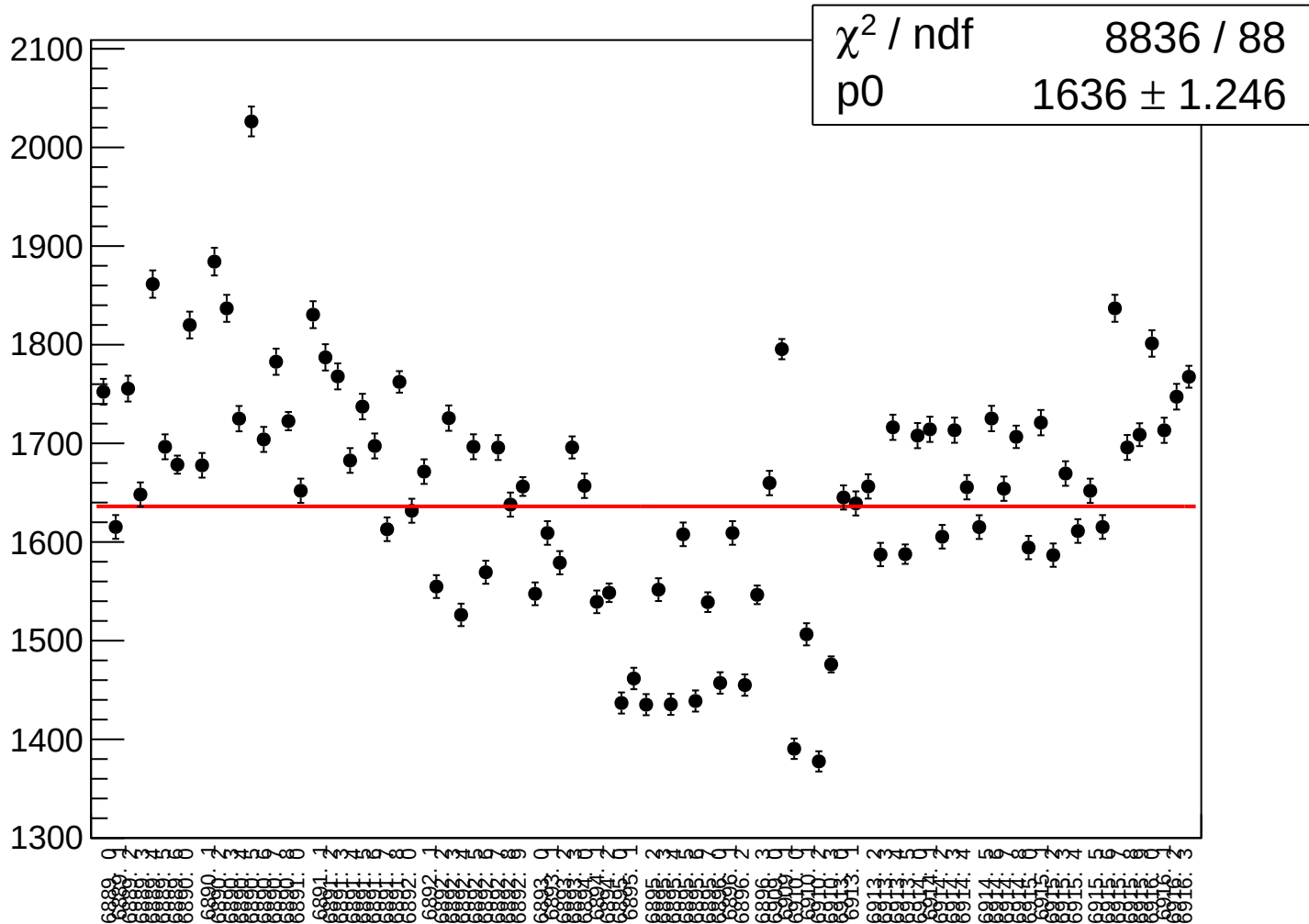
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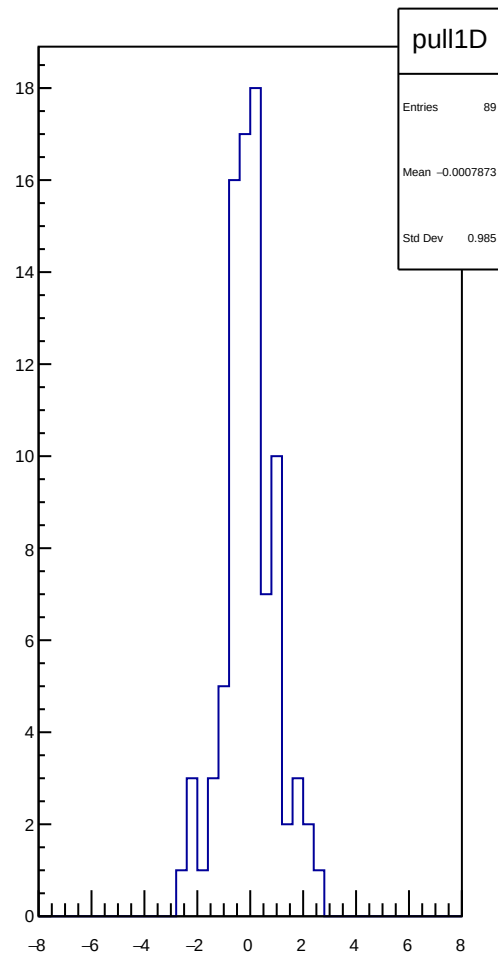
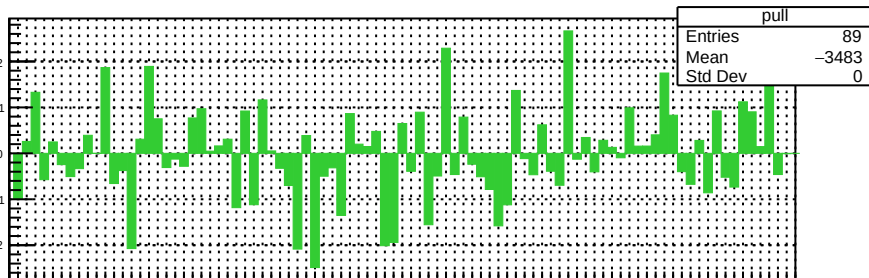
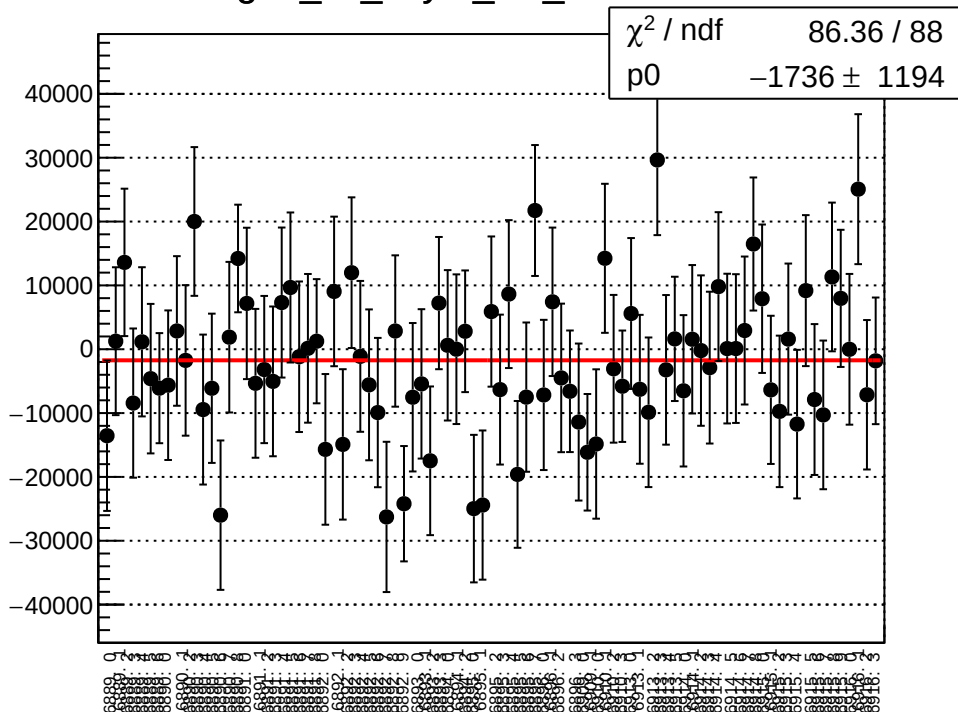
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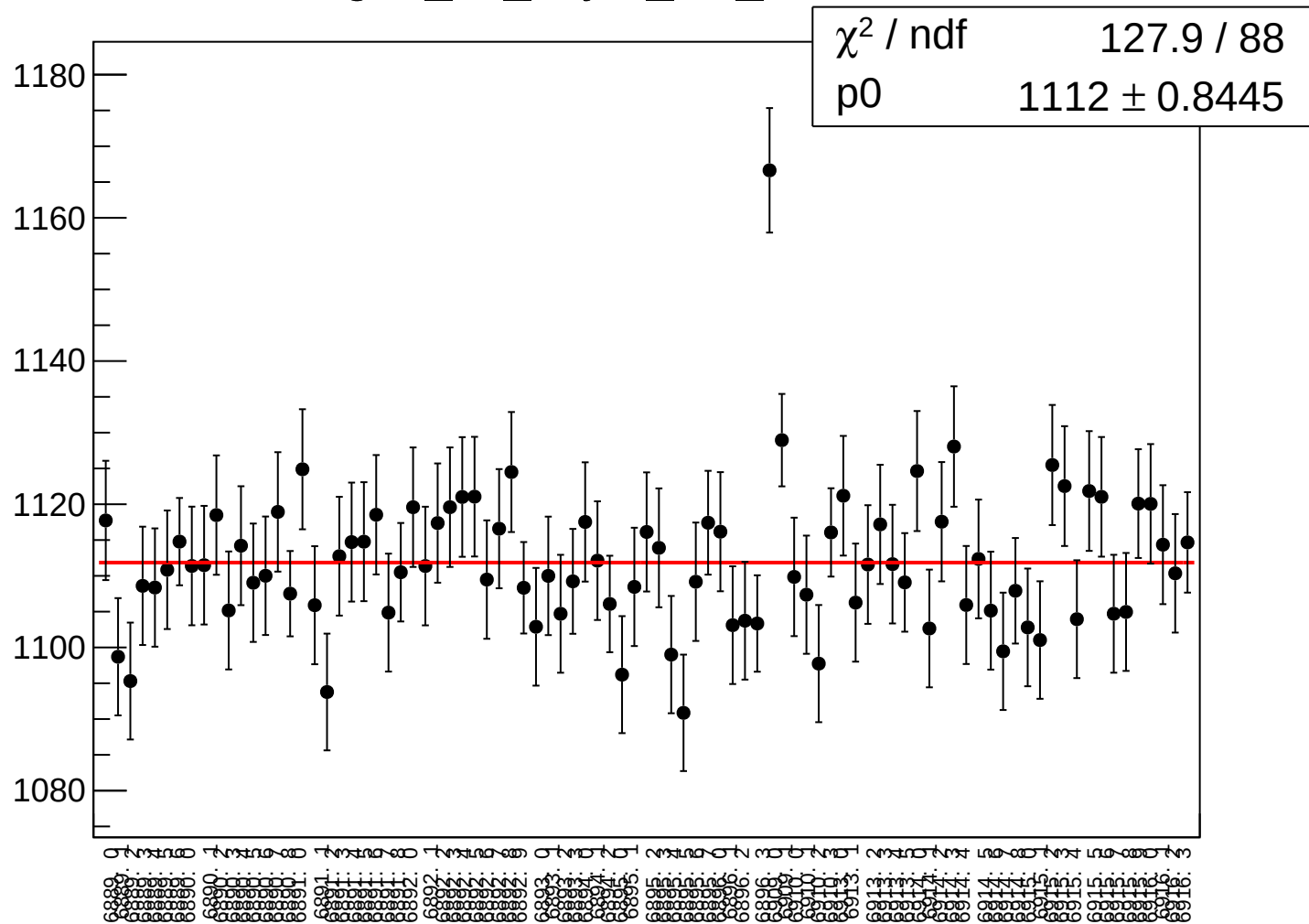
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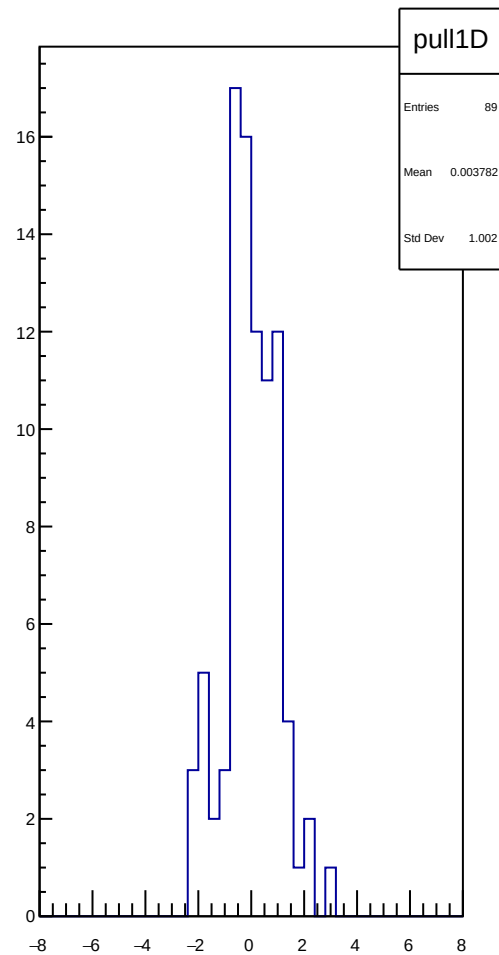
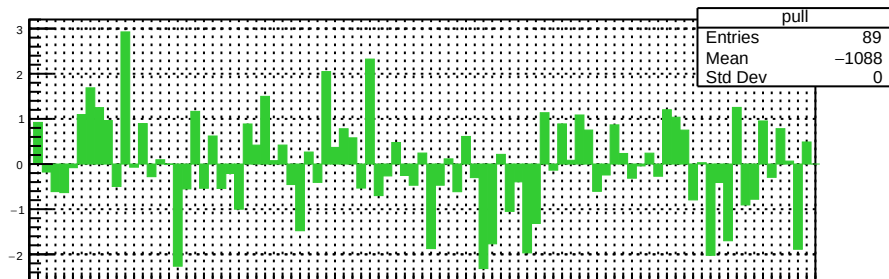
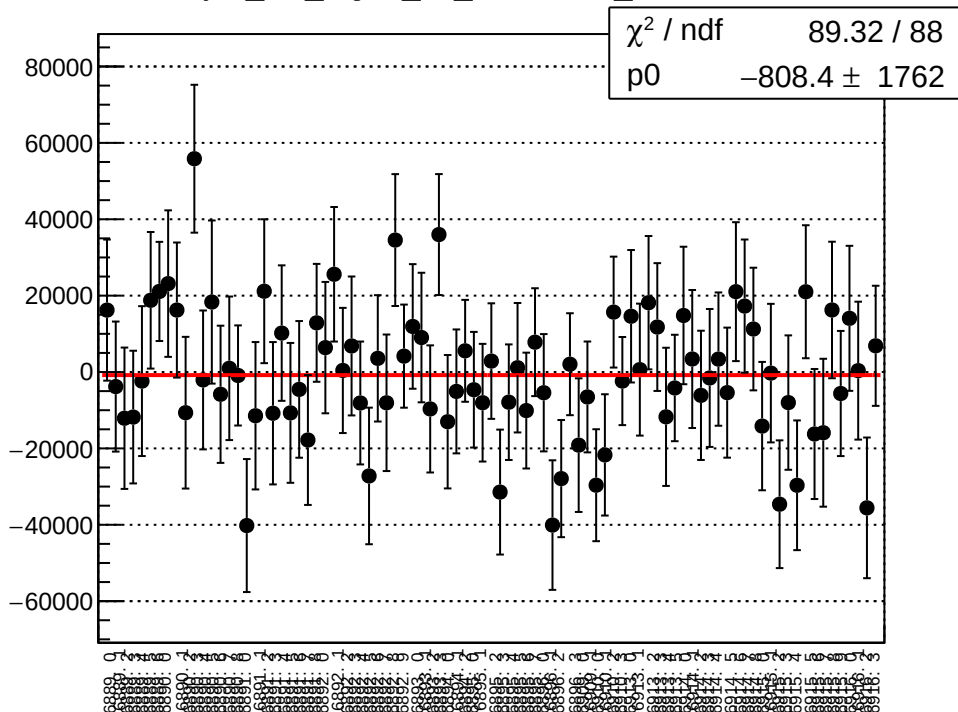
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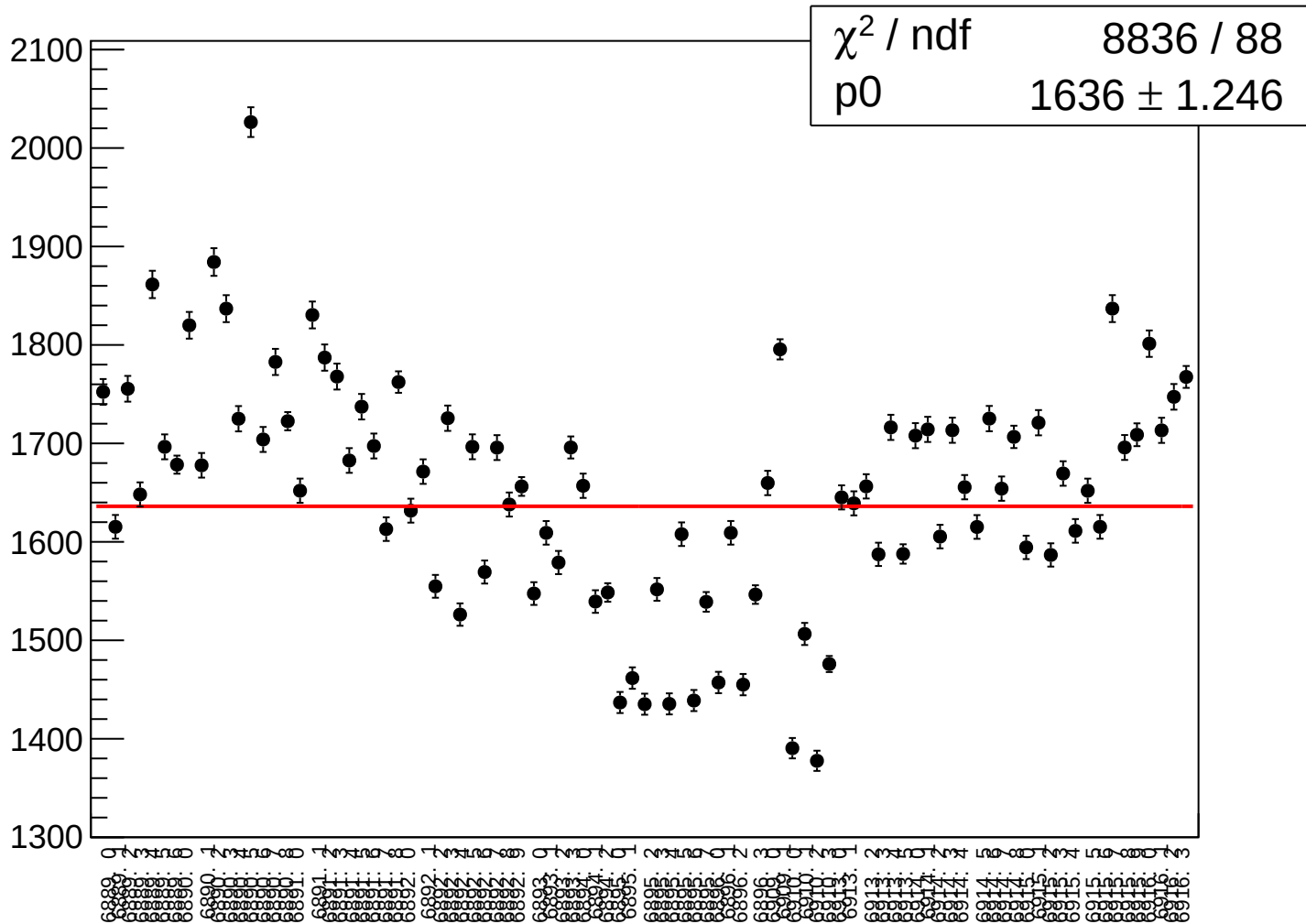
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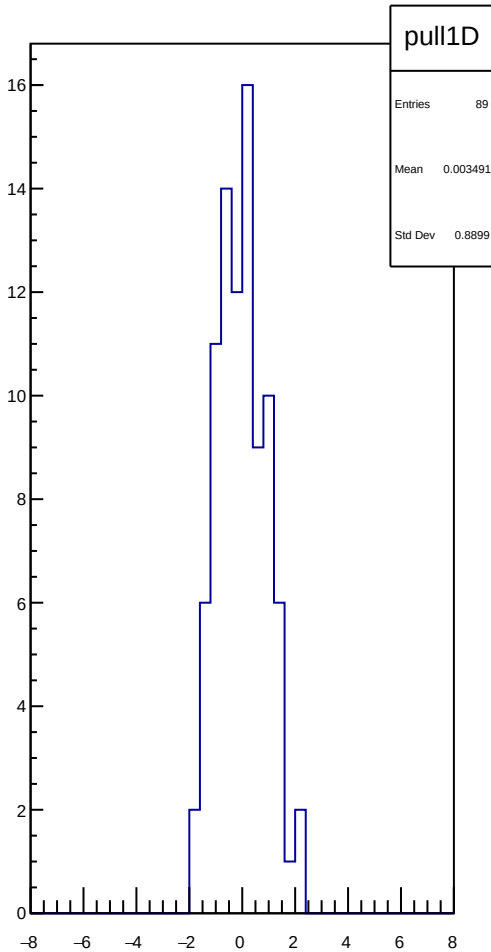
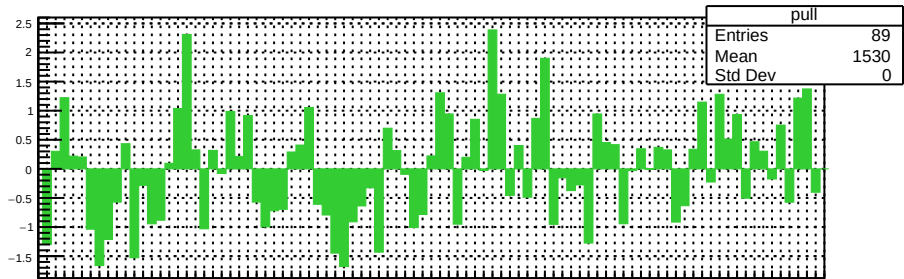
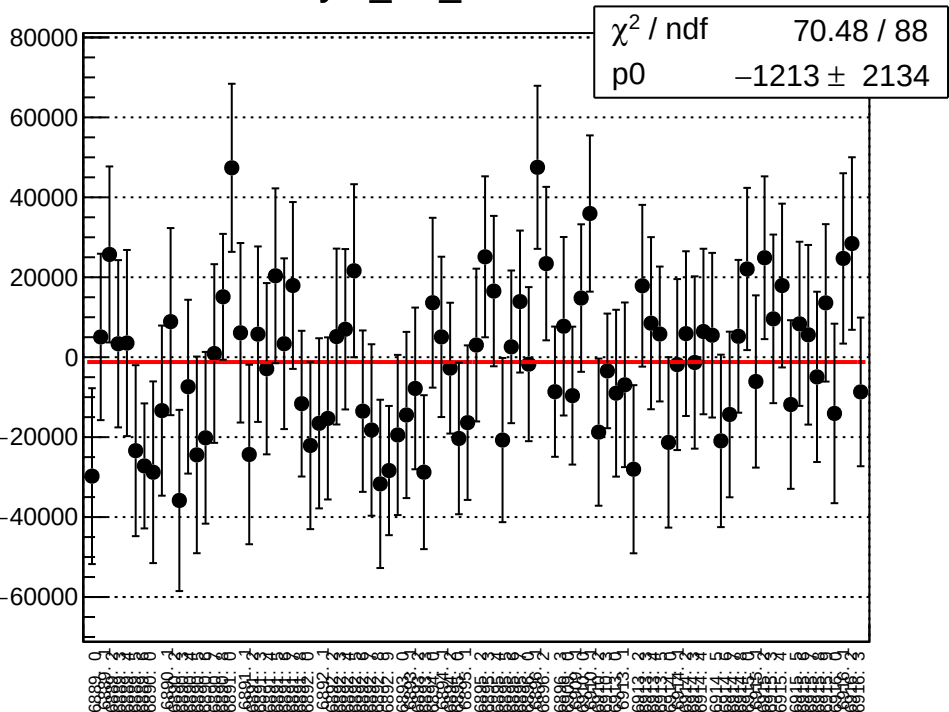
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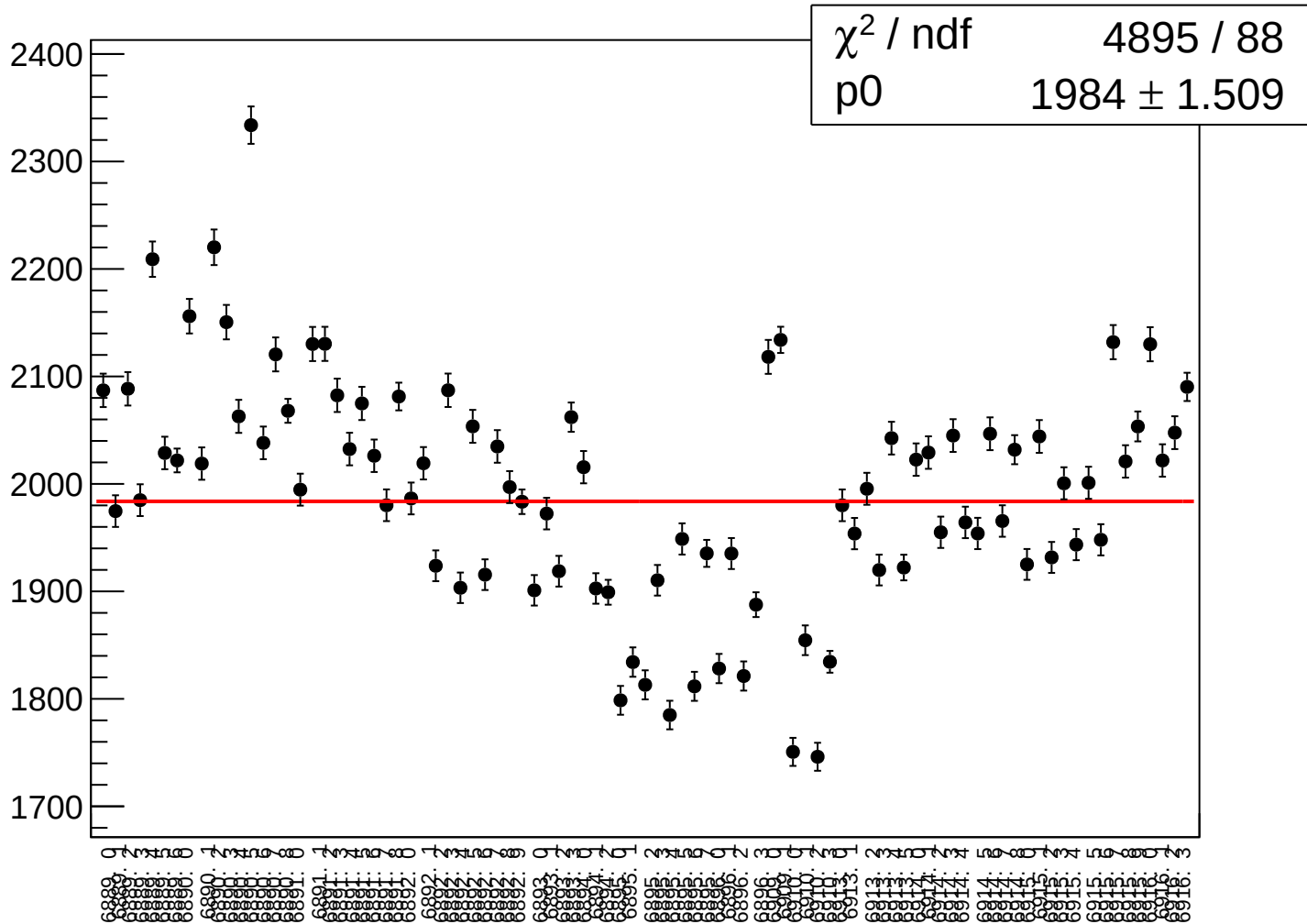
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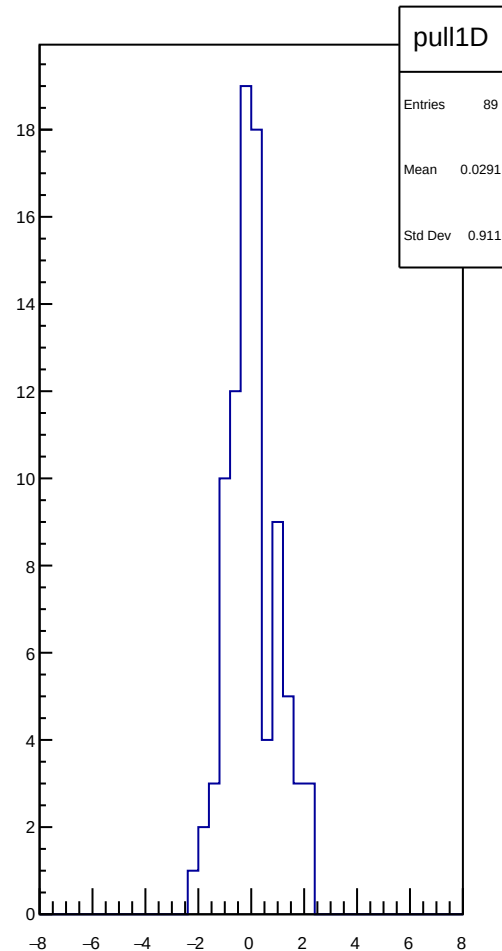
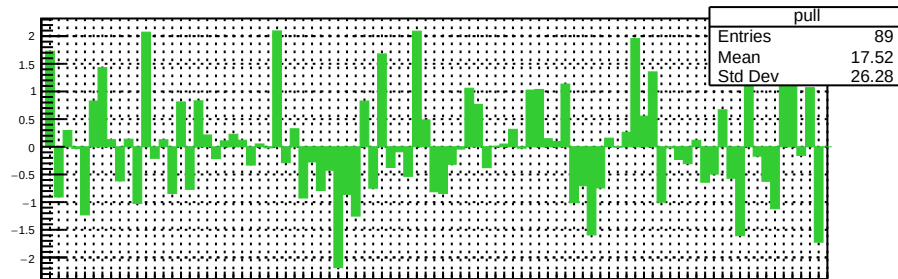
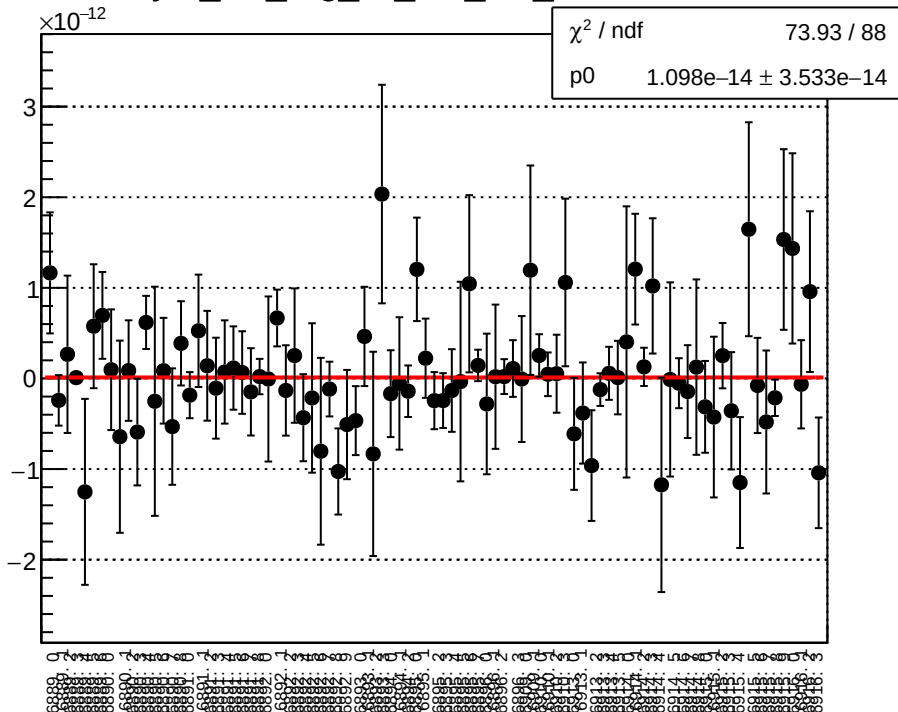
asym_usl_mean vs run



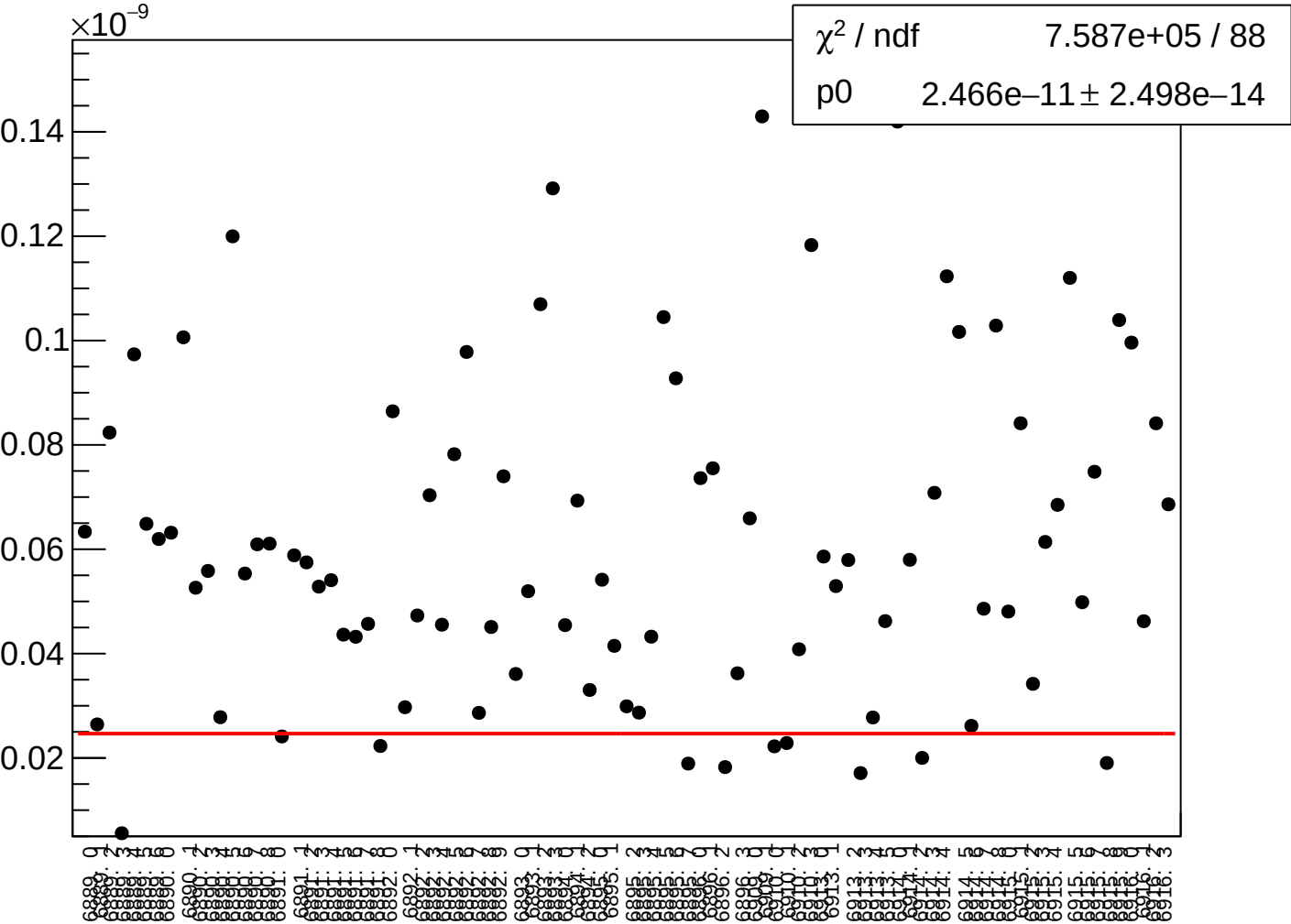
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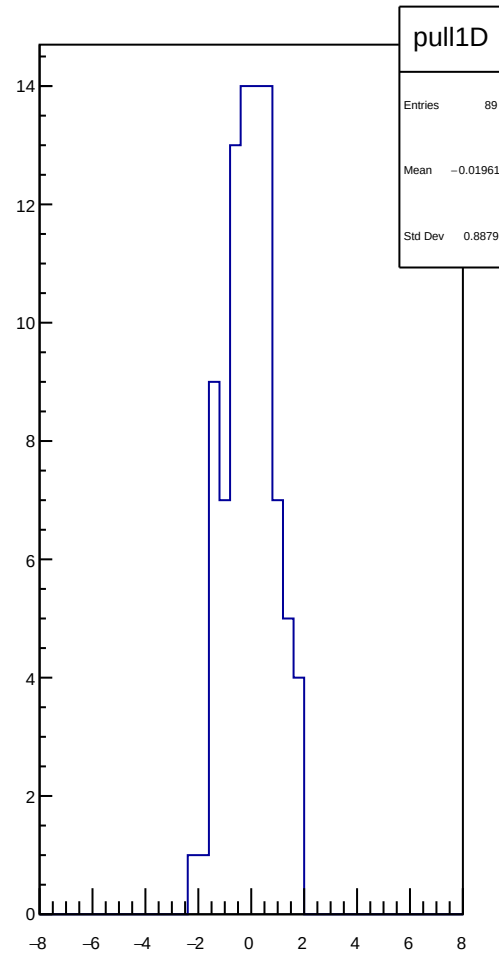
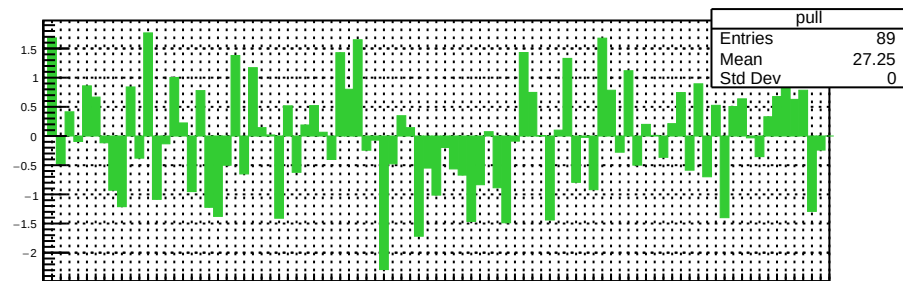
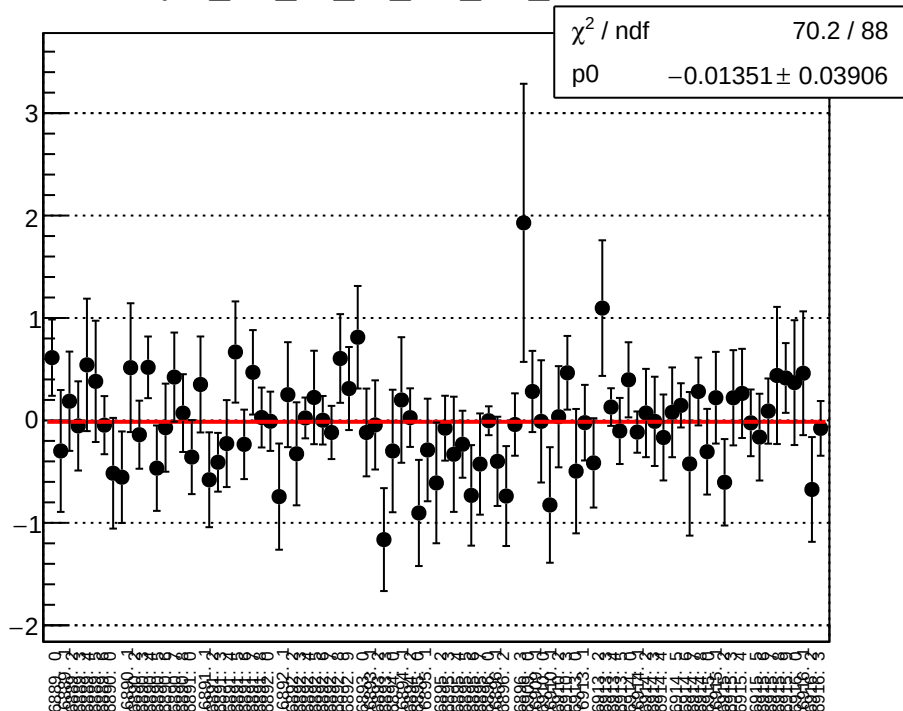
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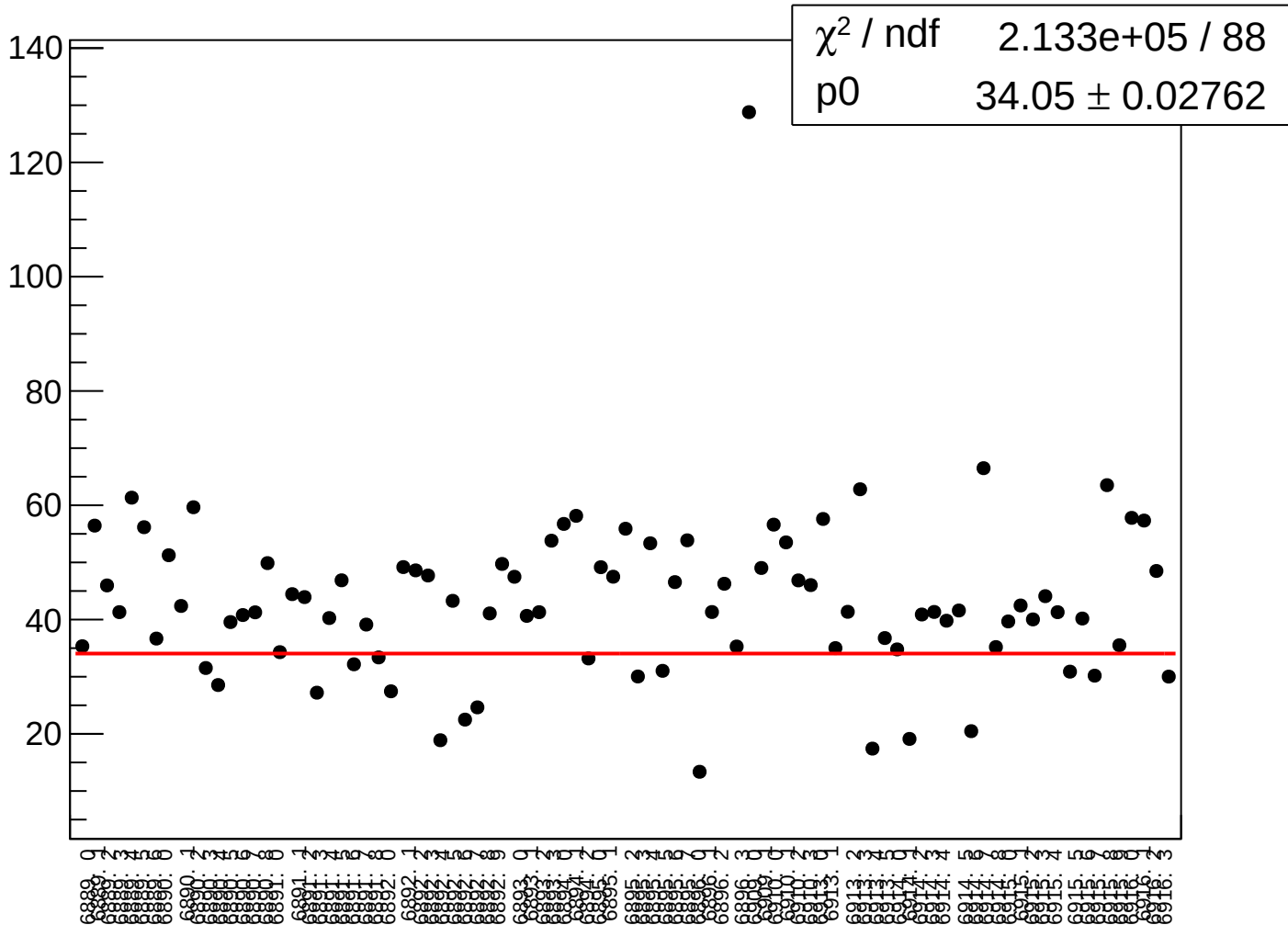
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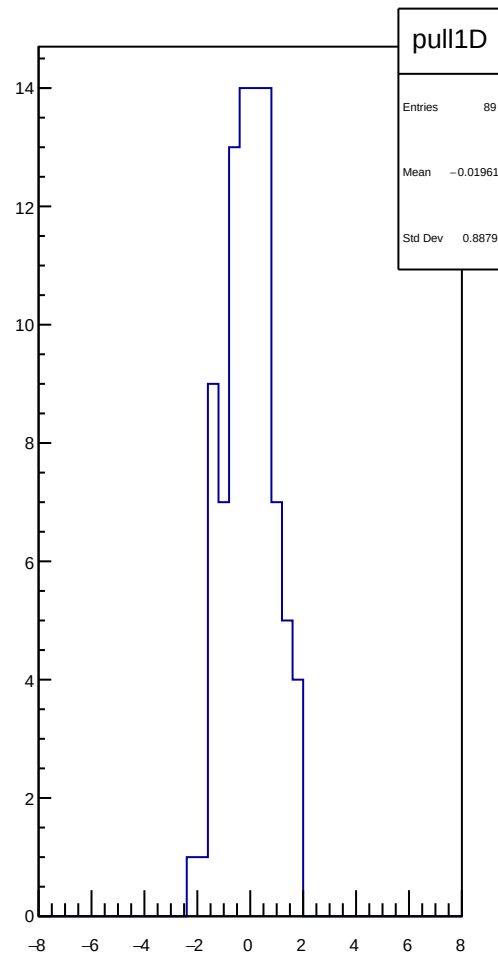
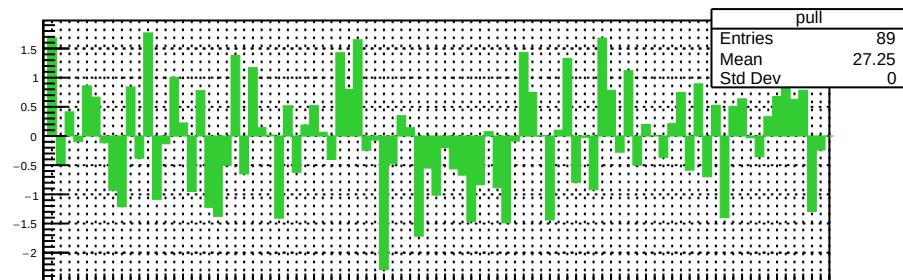
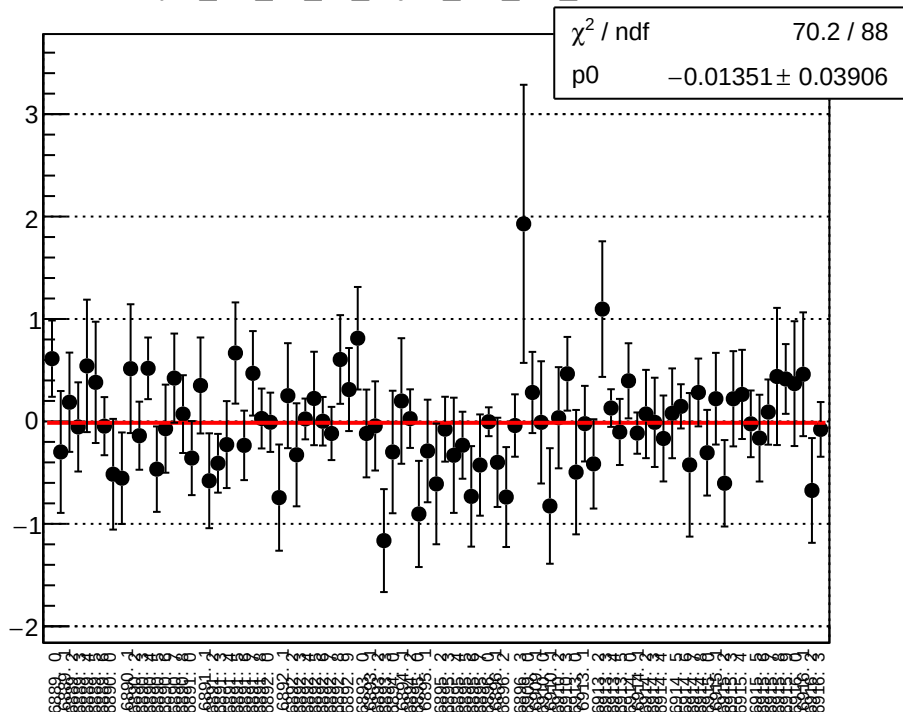
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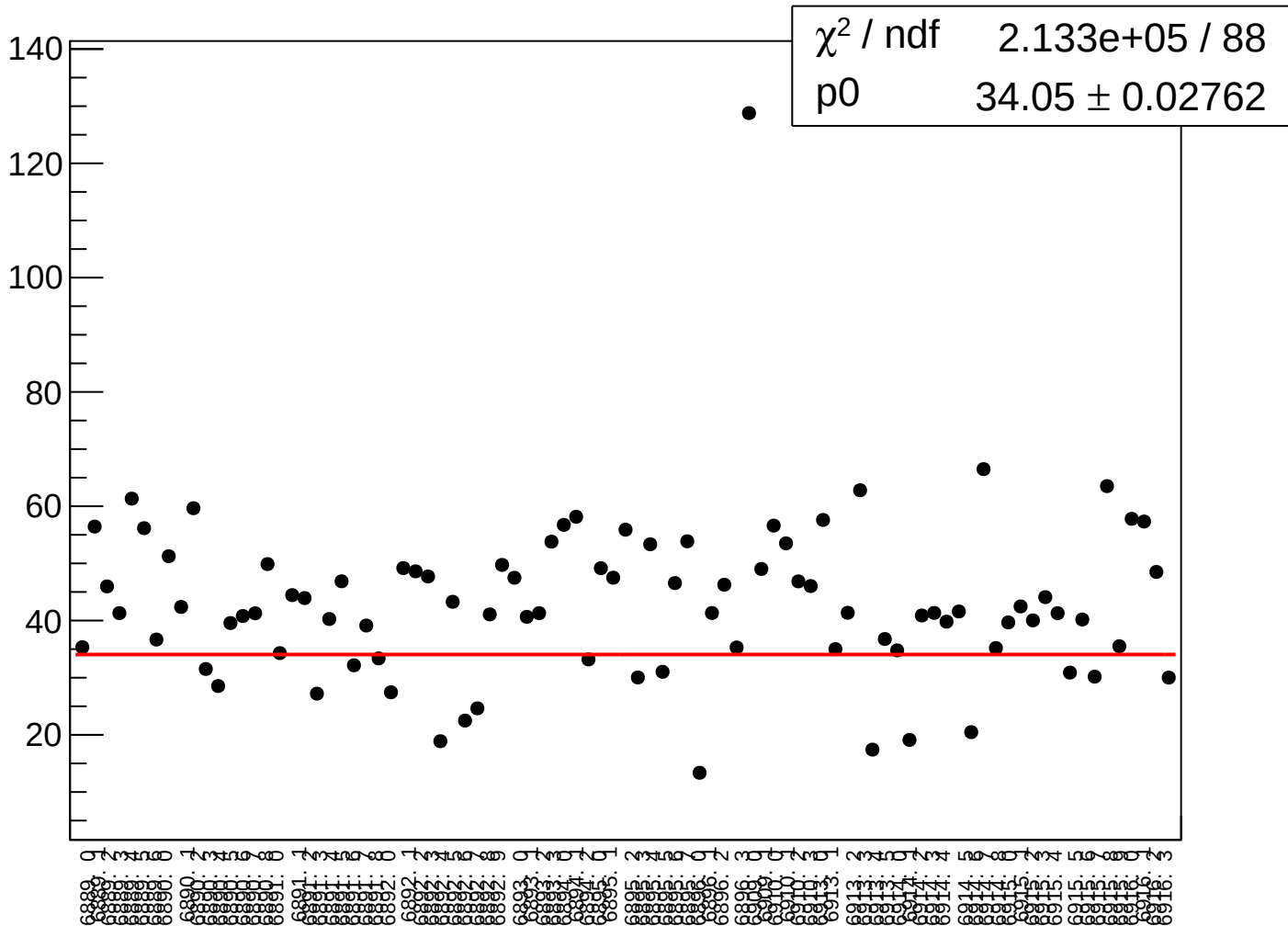
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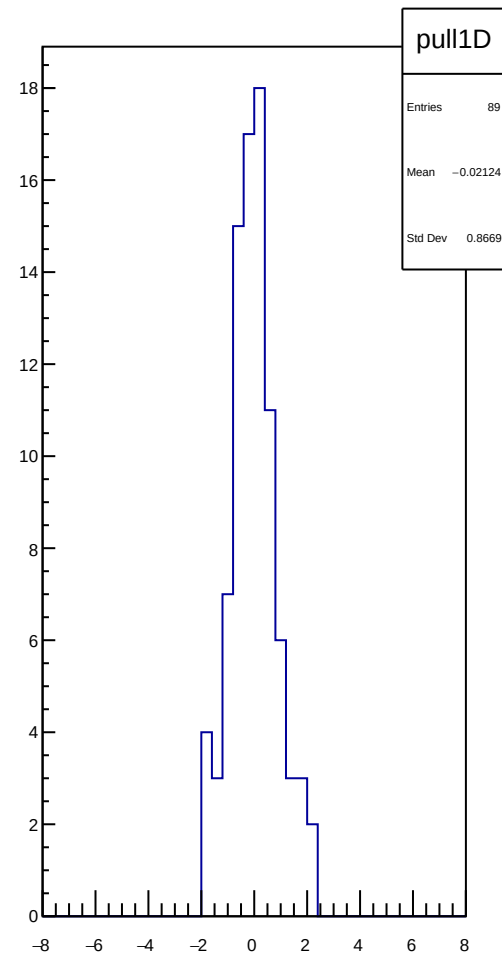
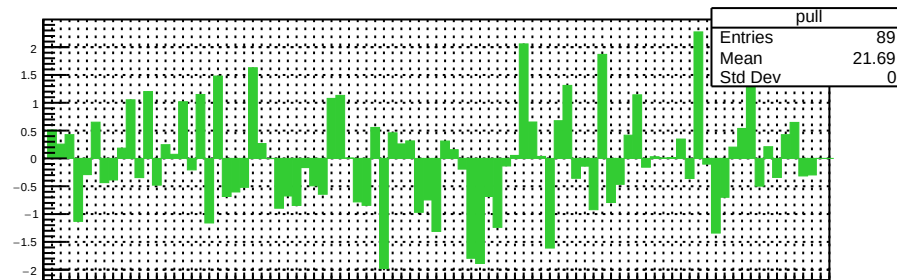
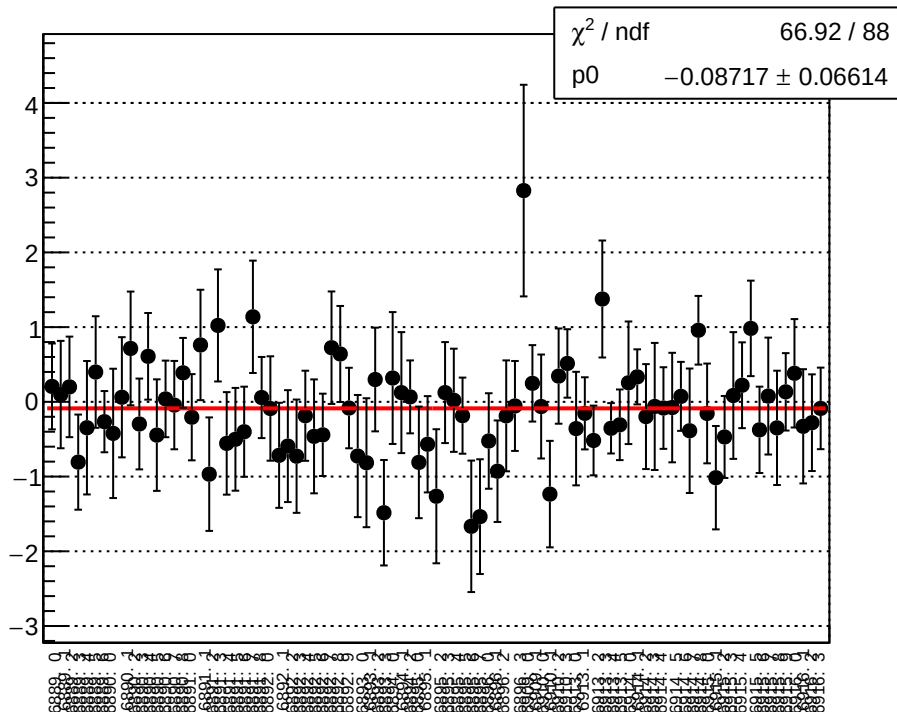
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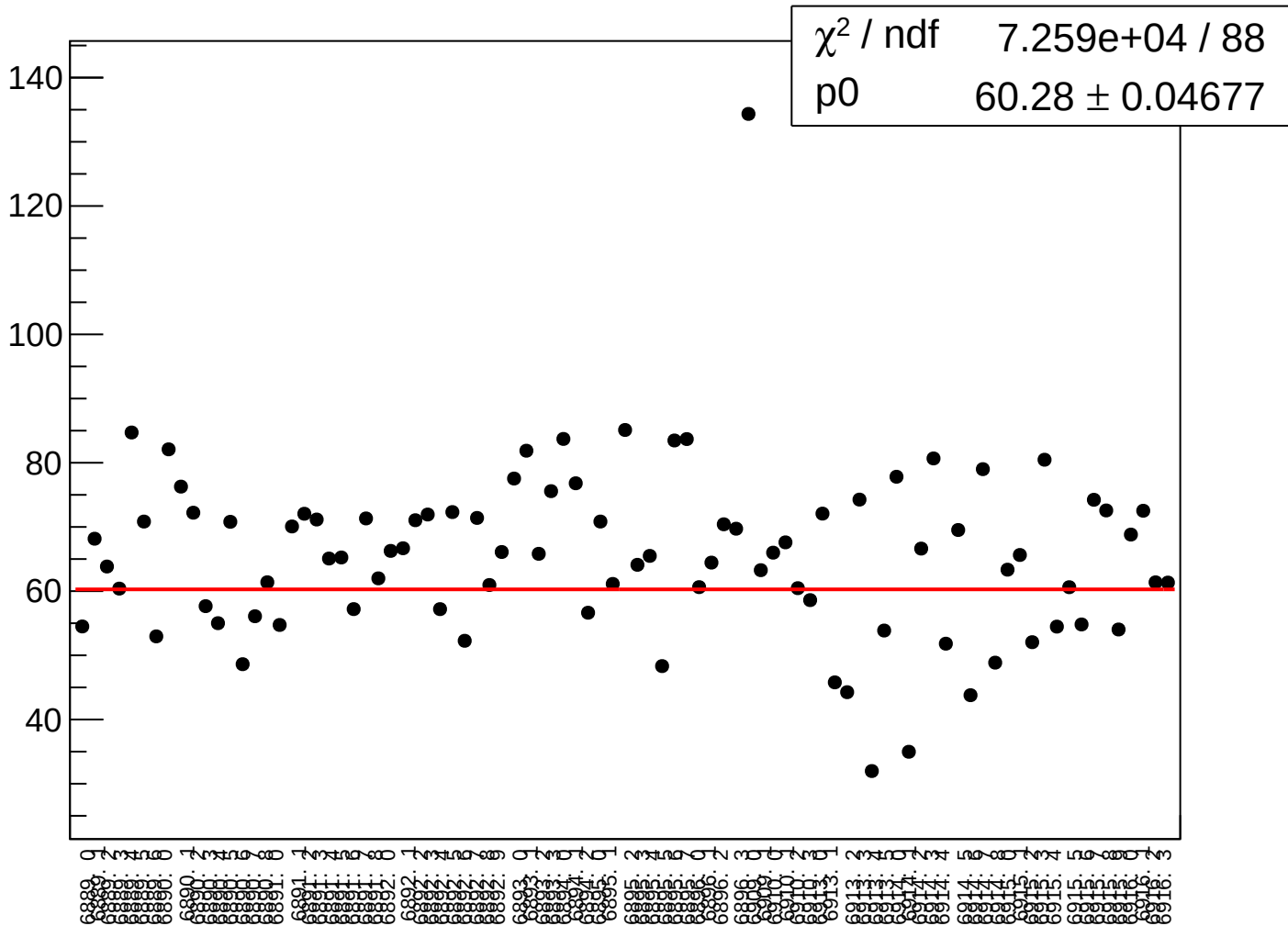
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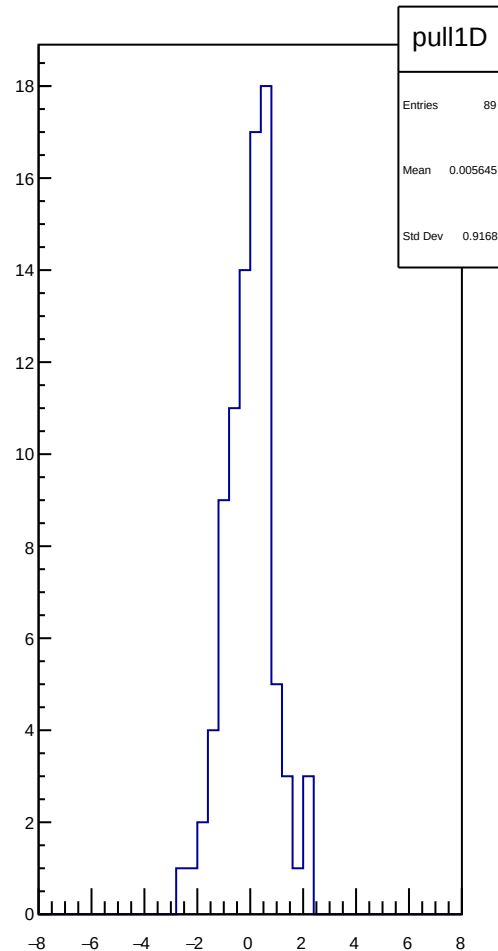
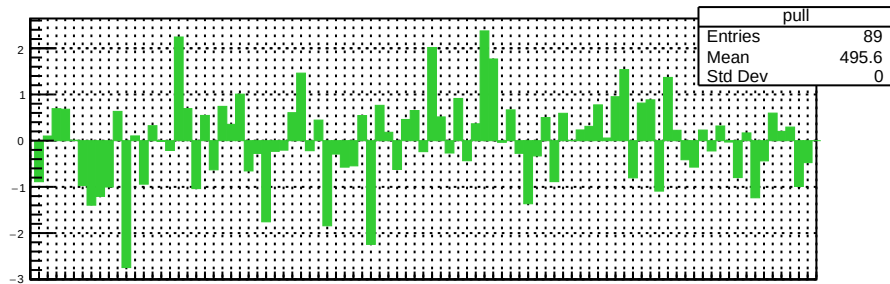
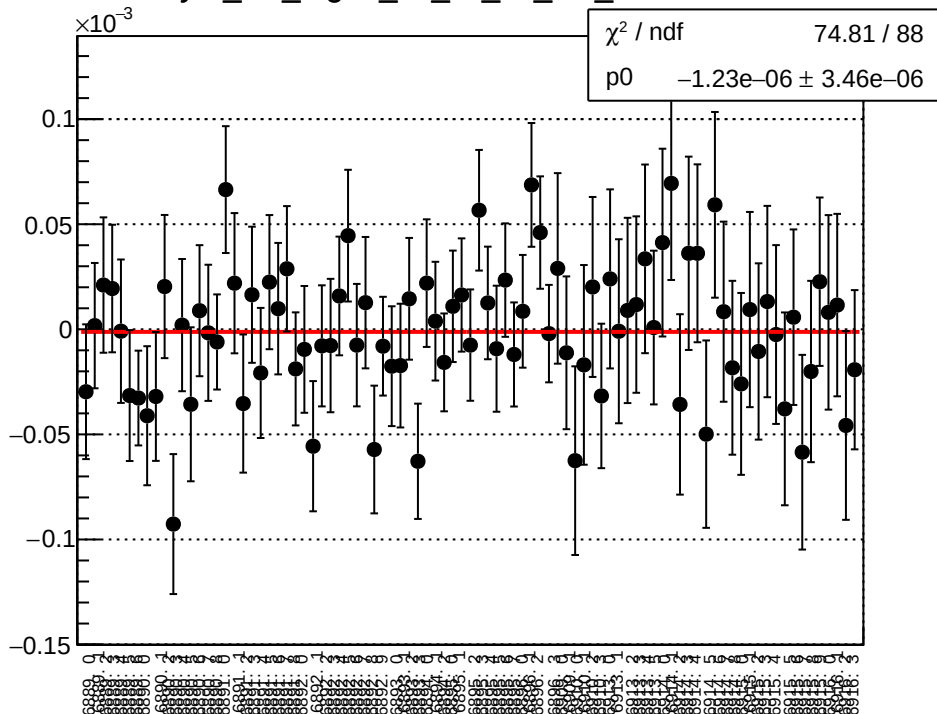
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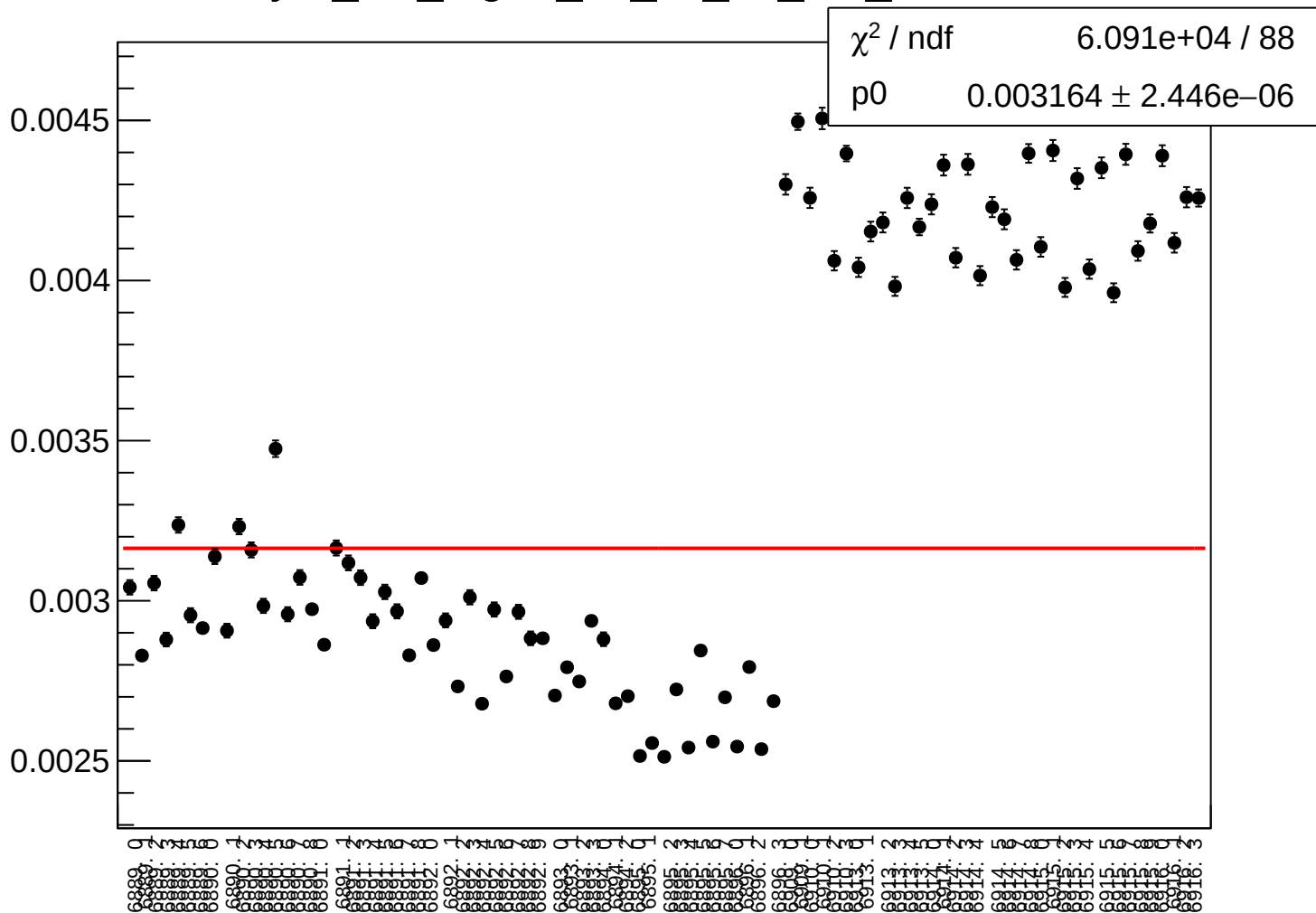
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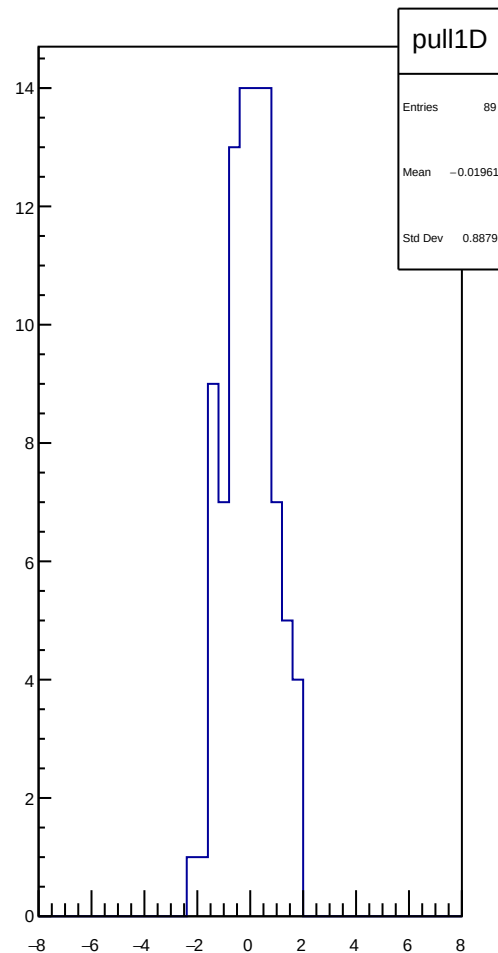
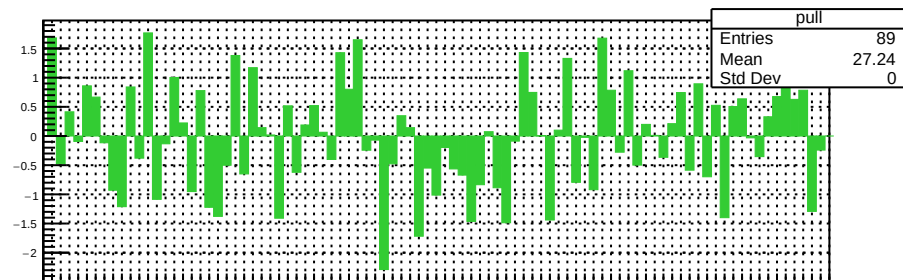
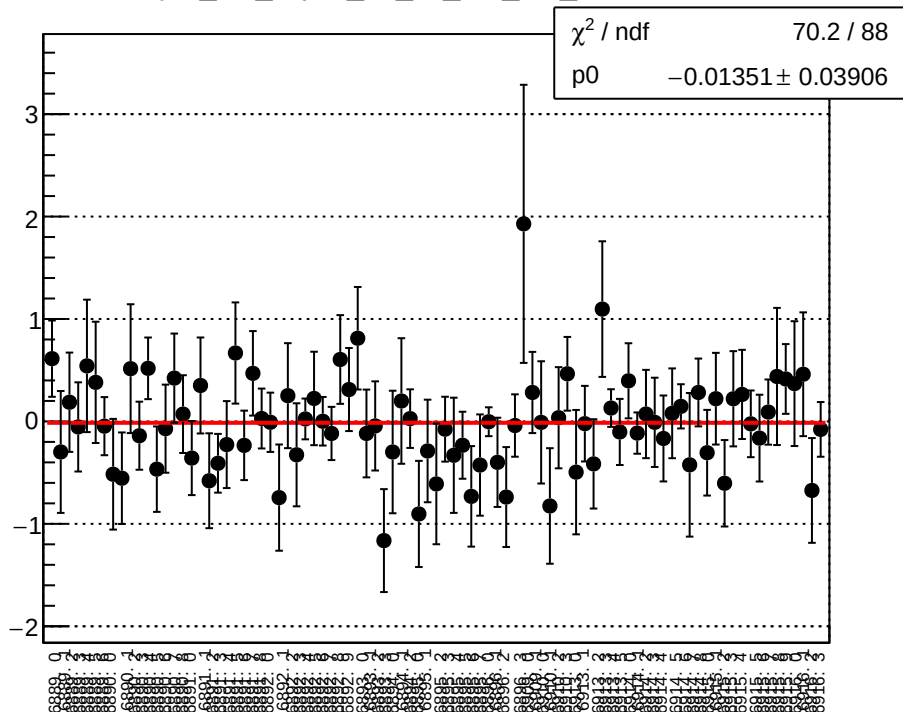
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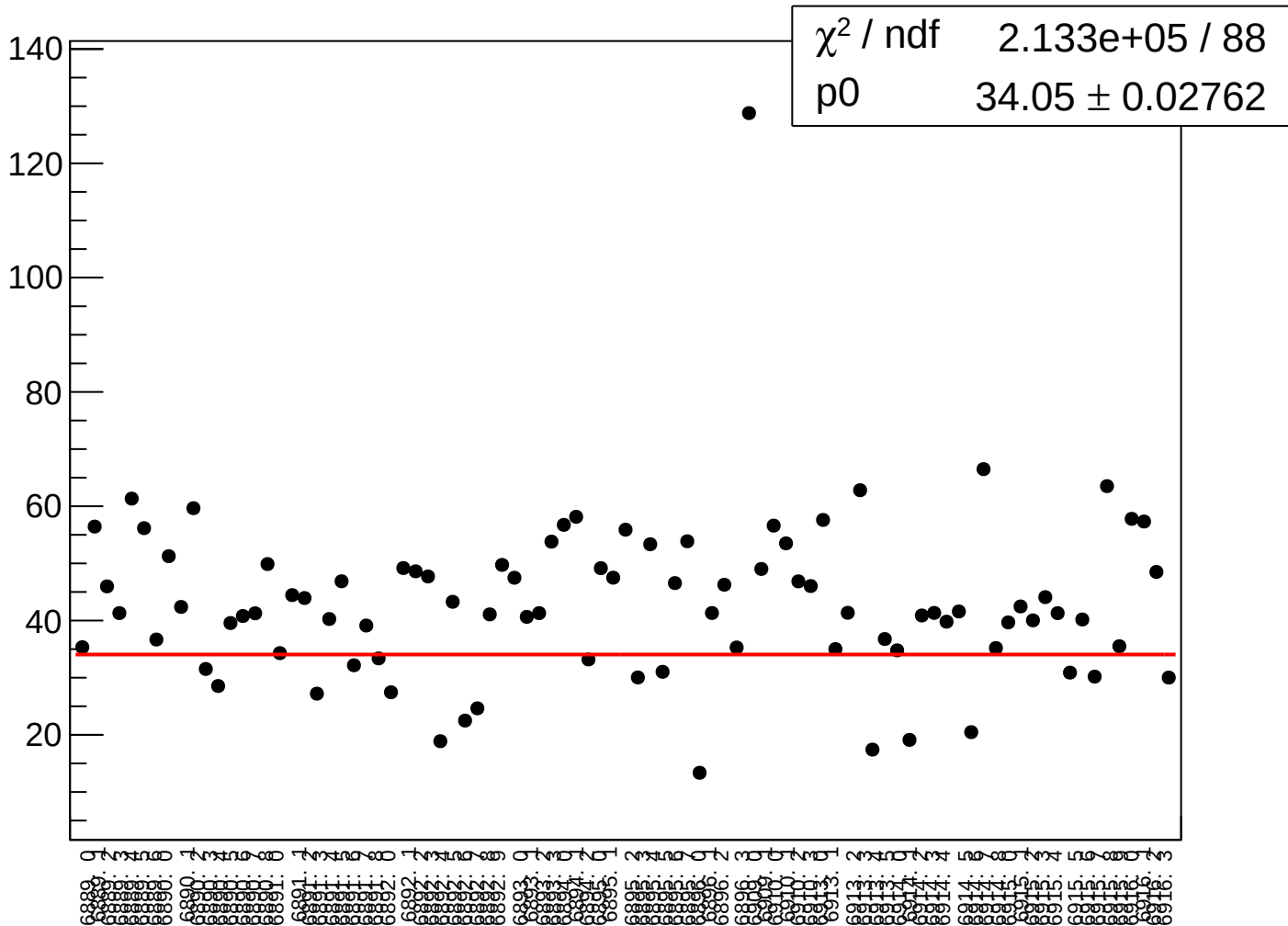
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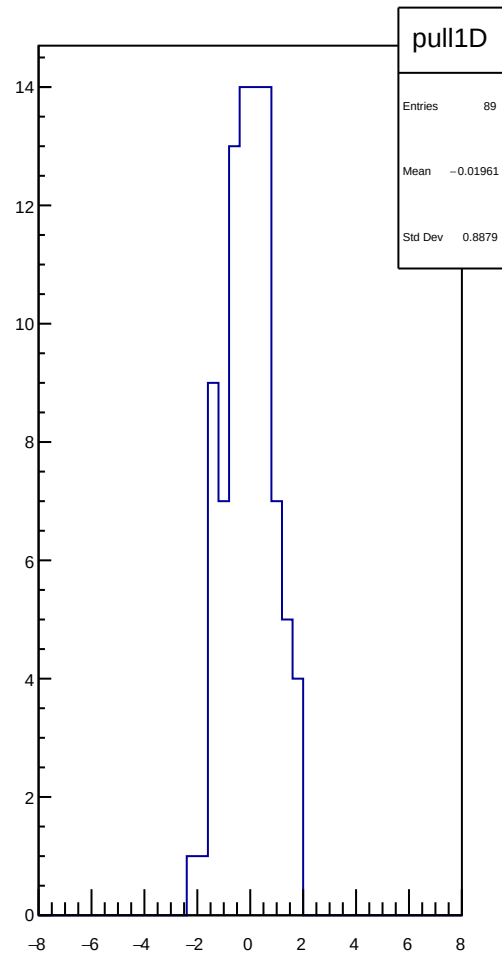
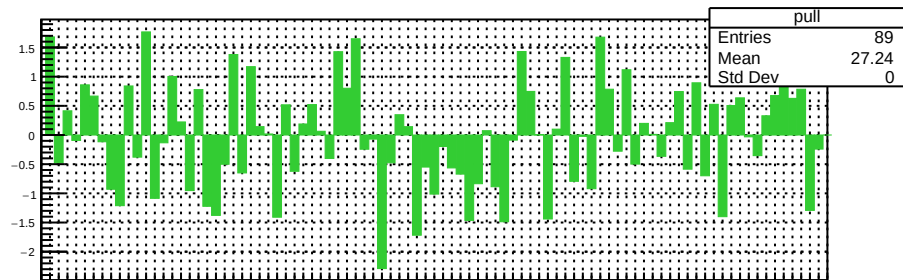
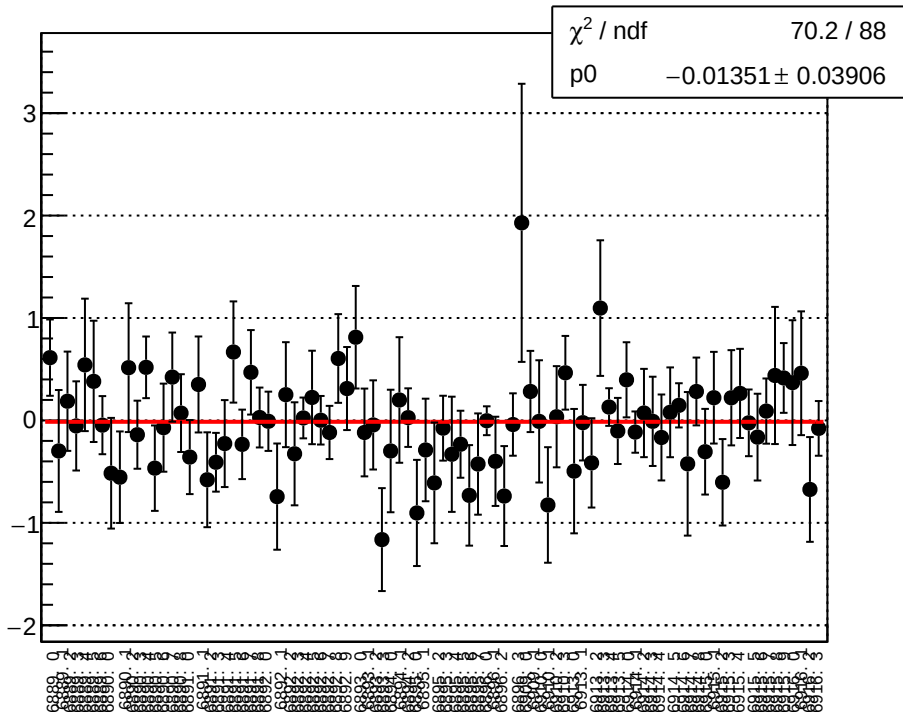
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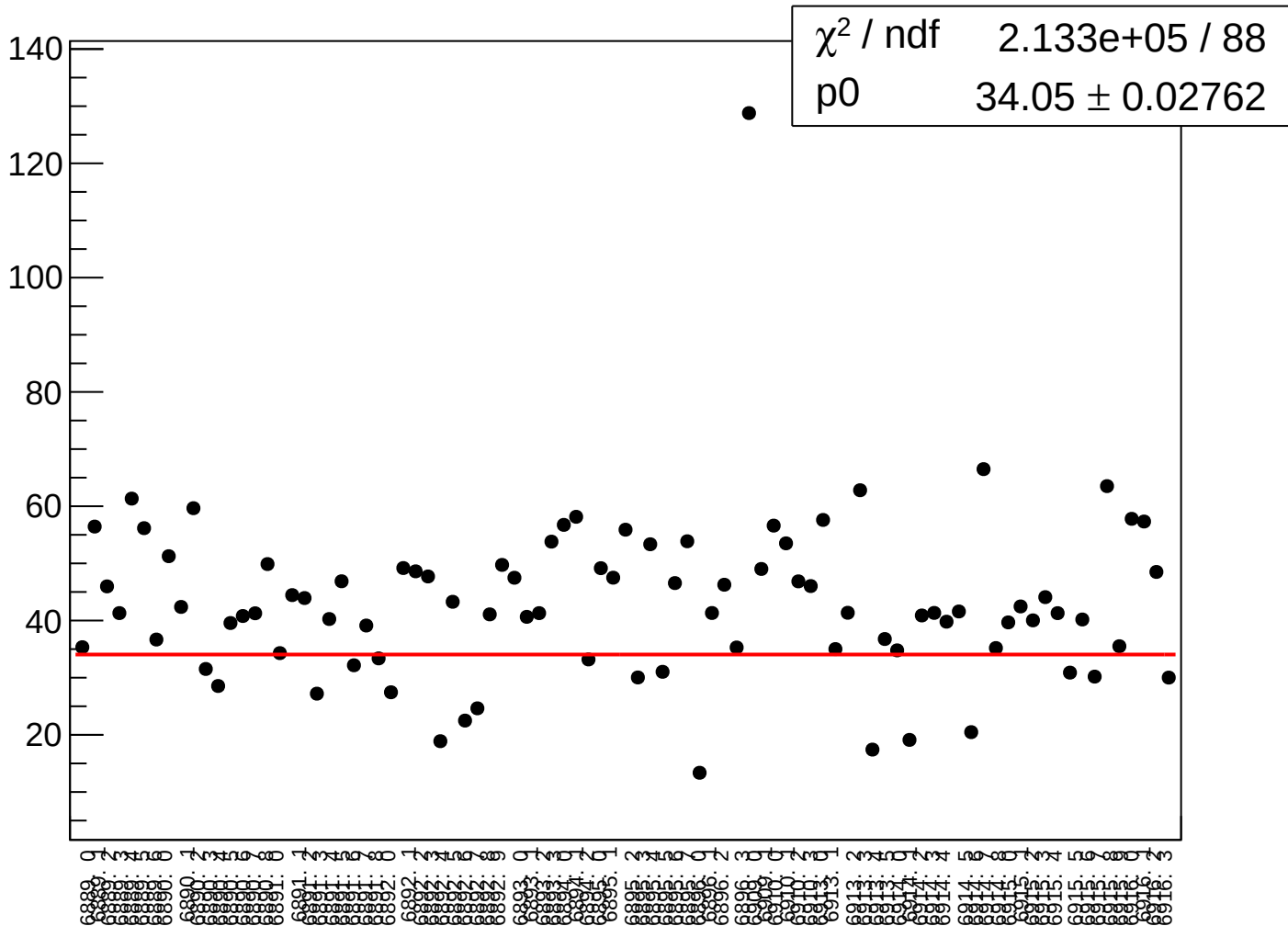
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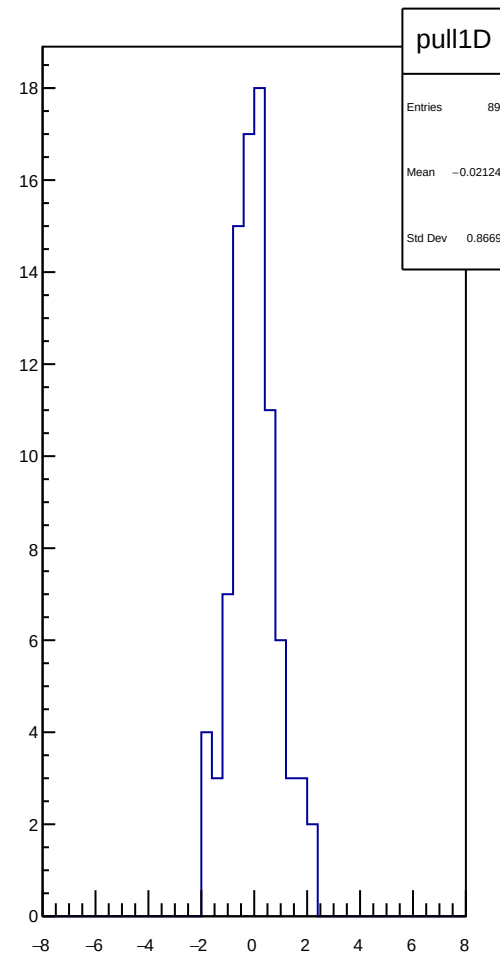
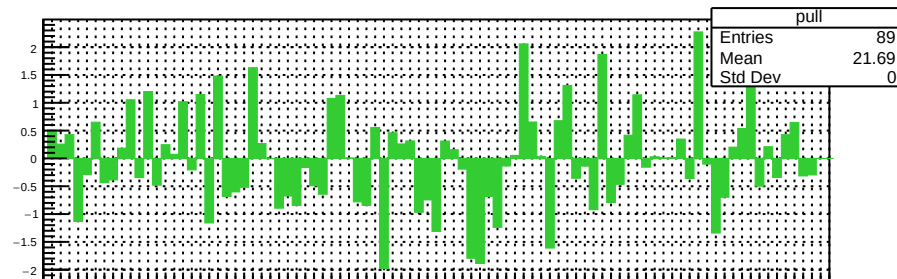
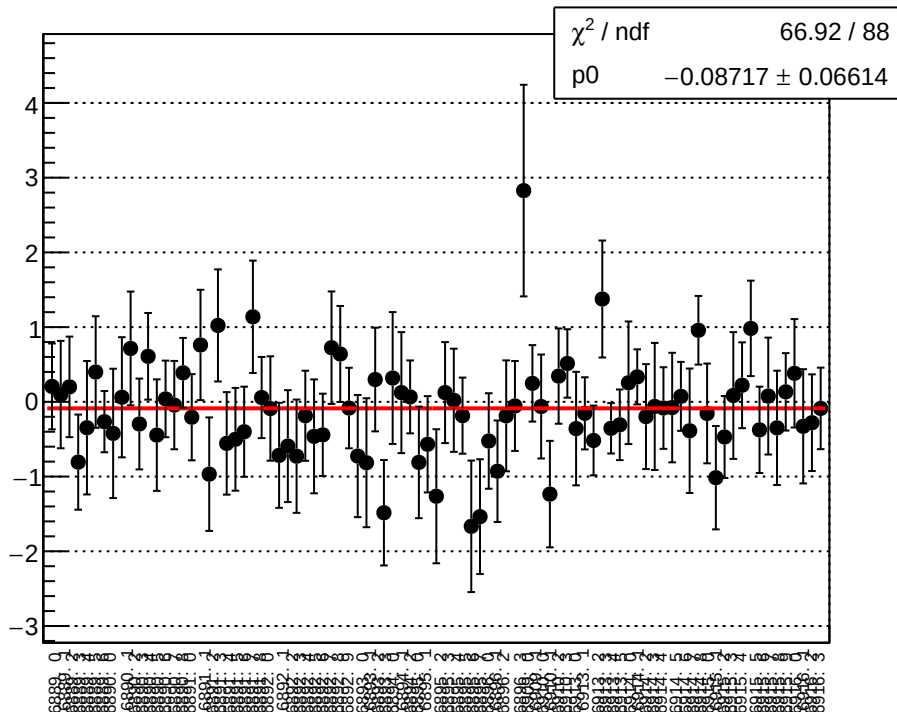
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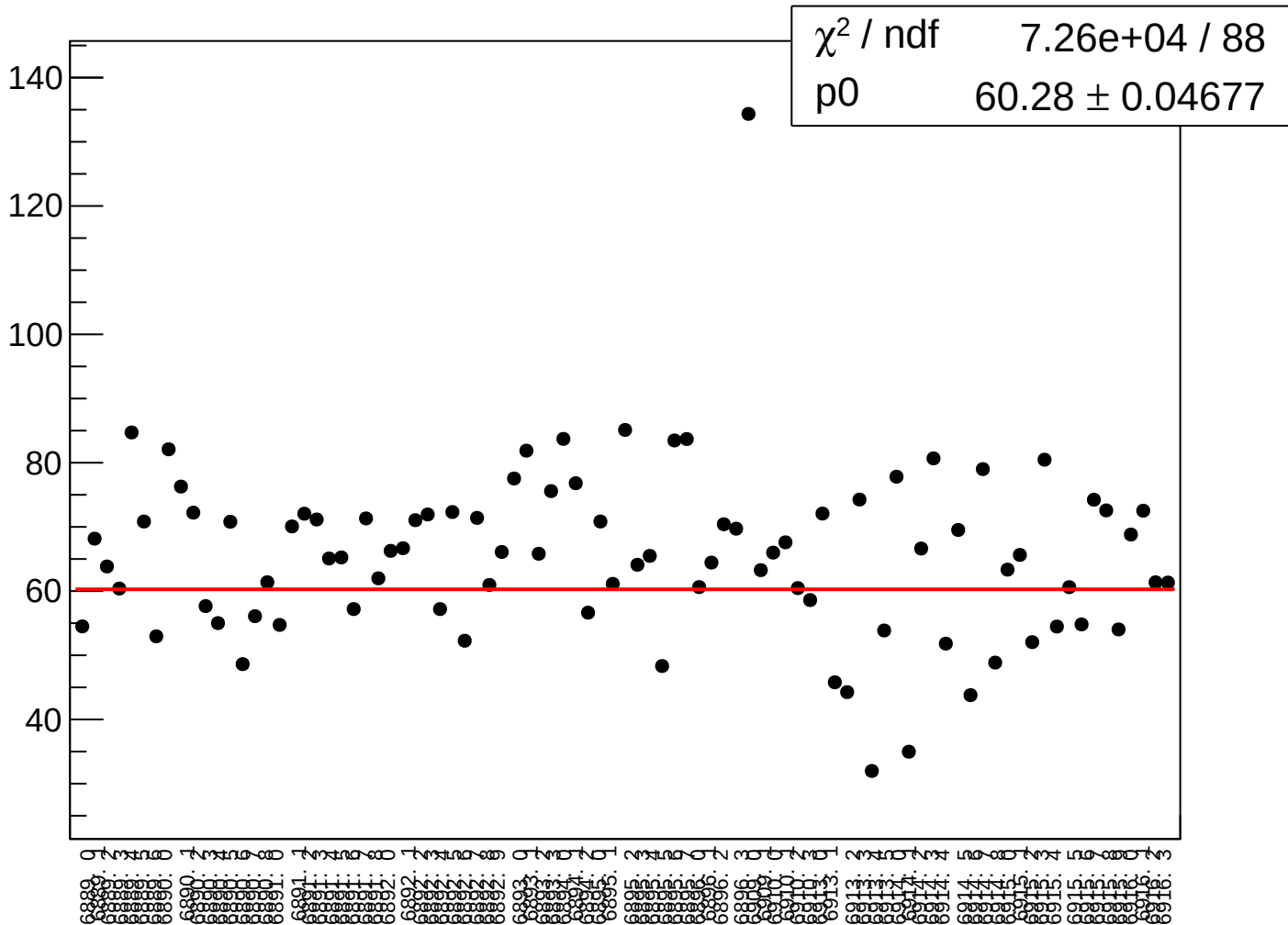
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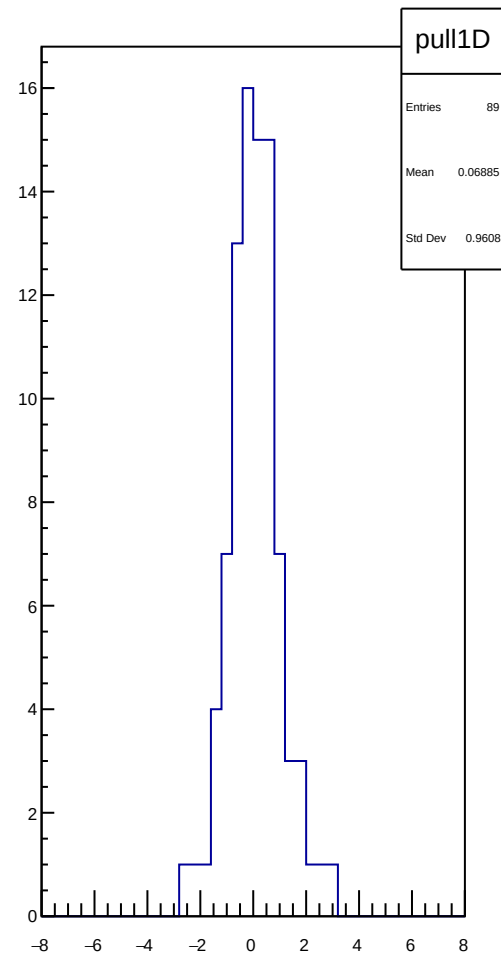
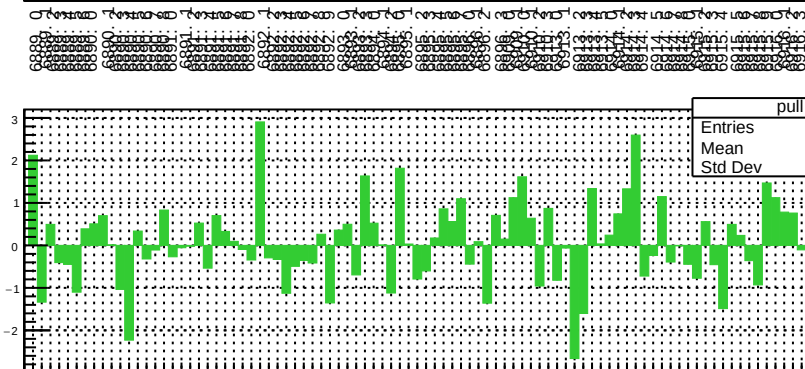
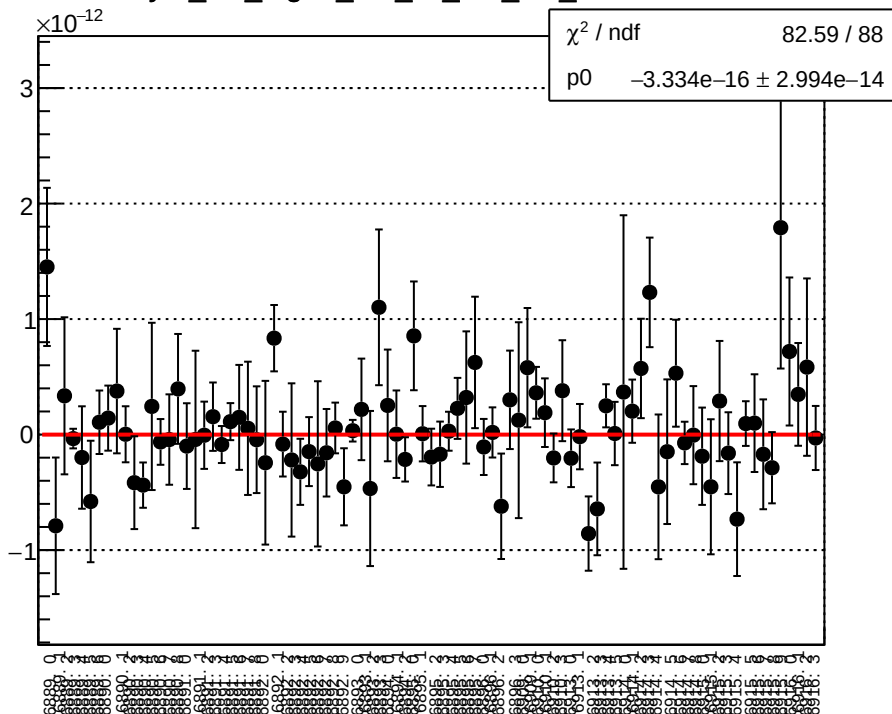
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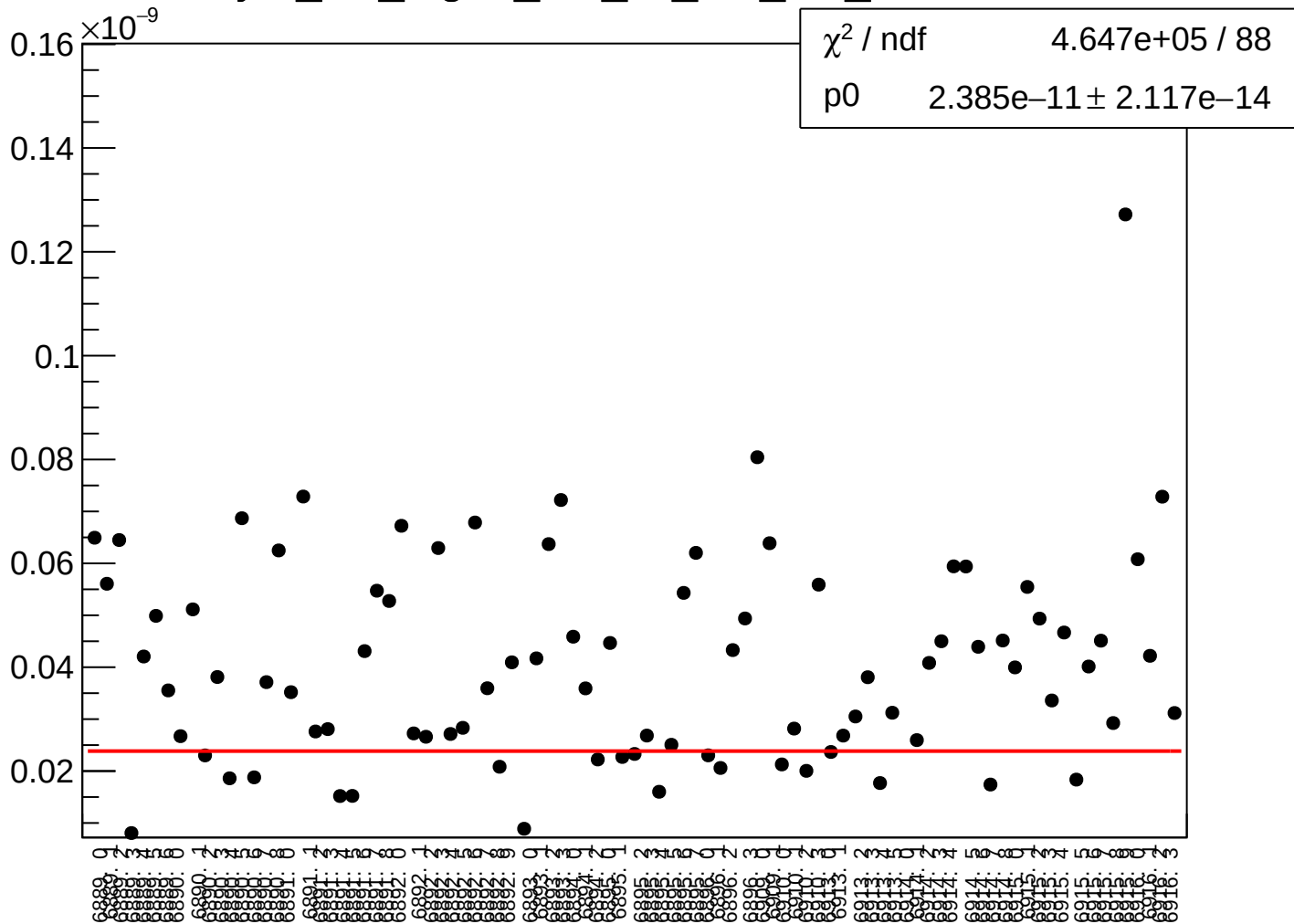
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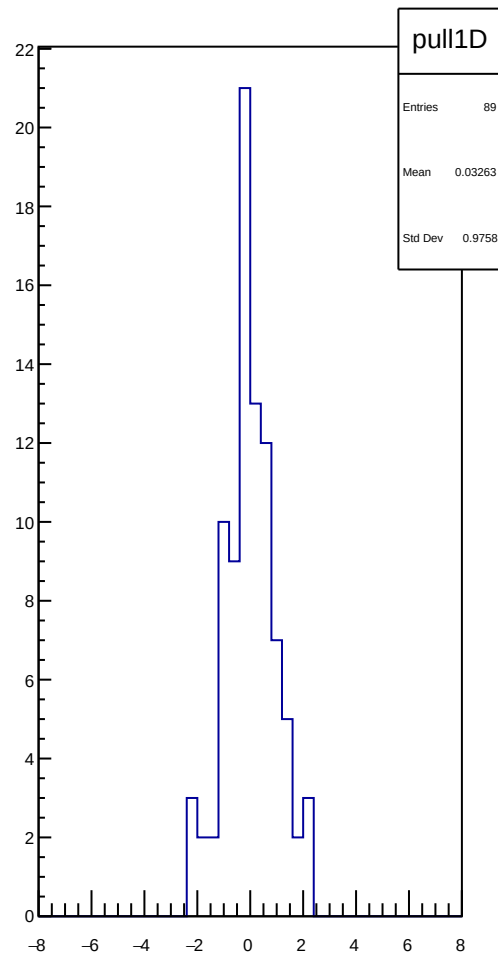
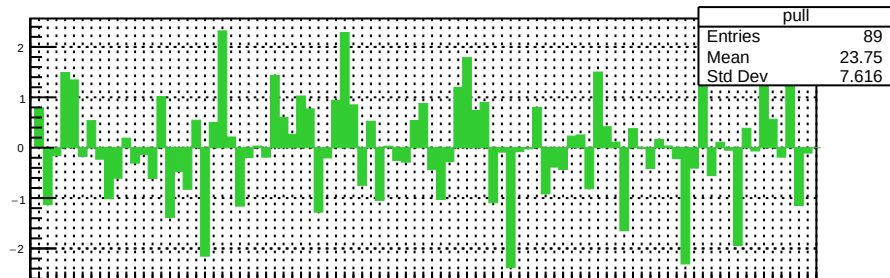
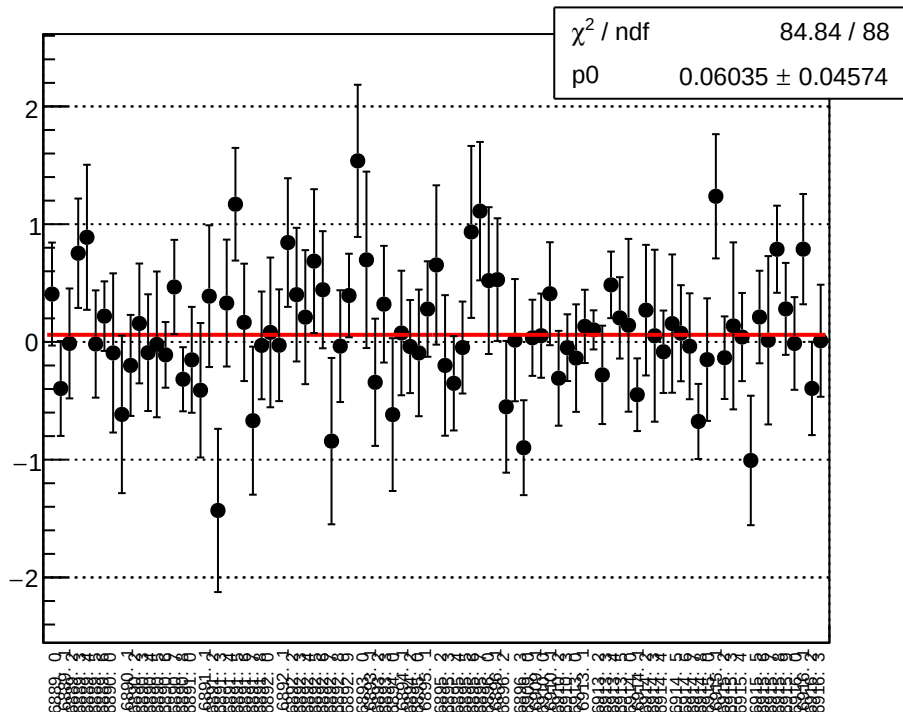
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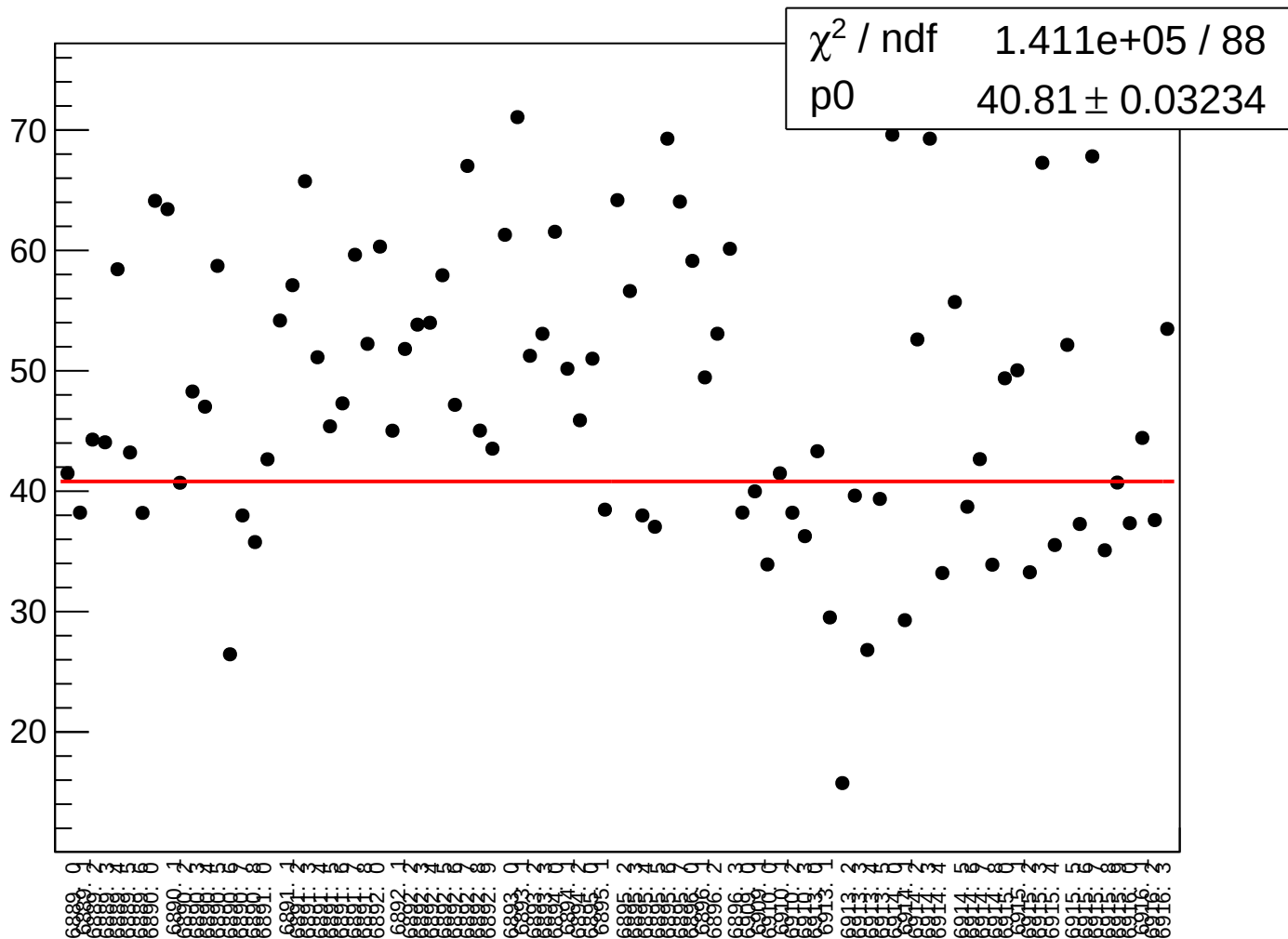
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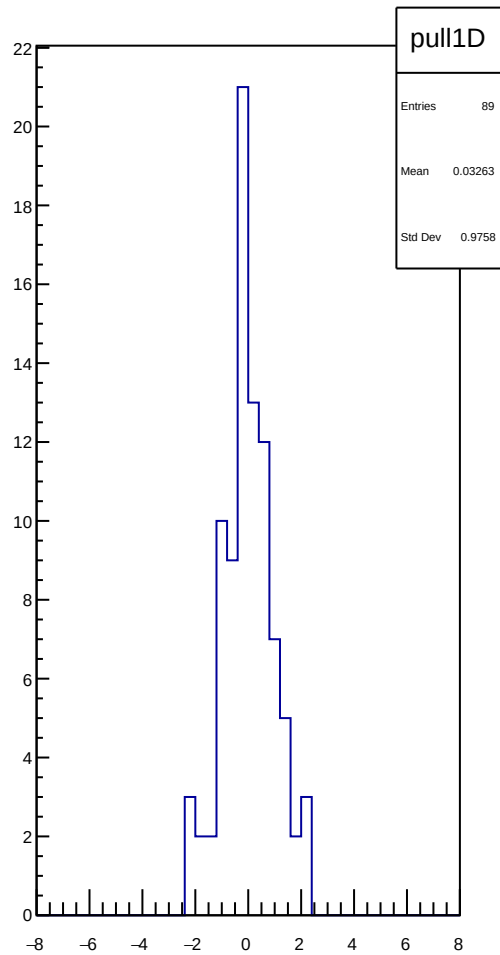
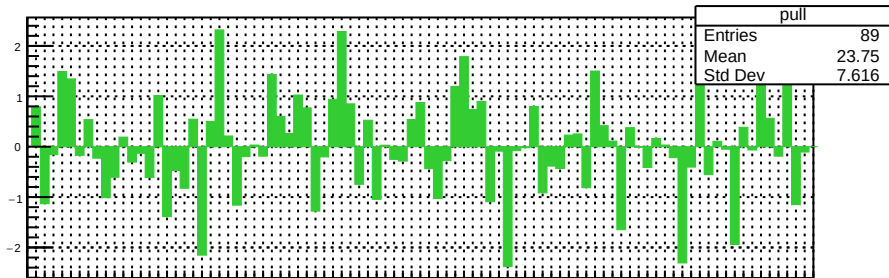
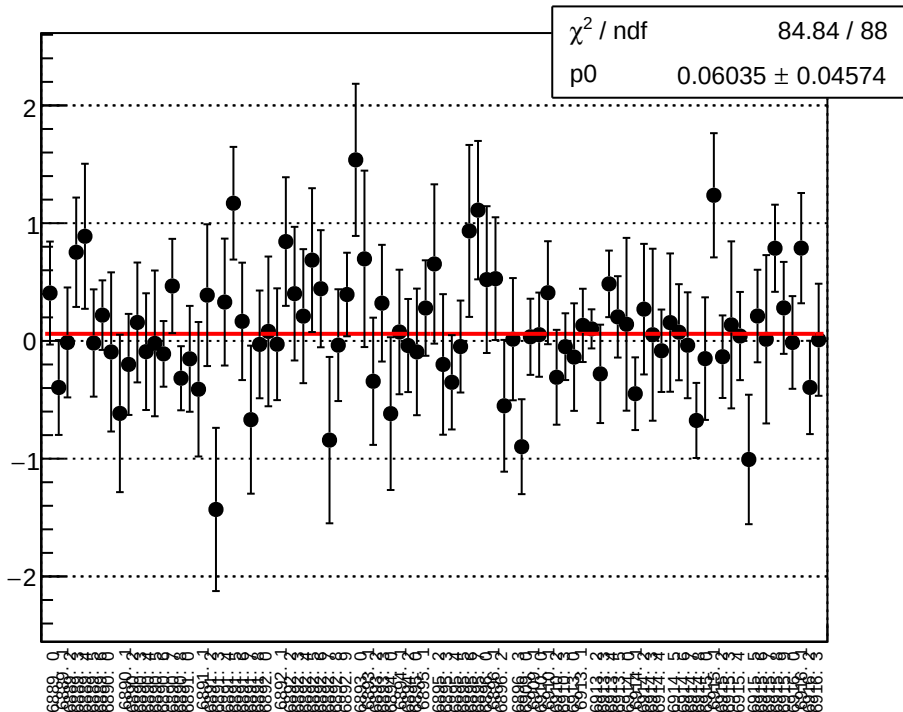
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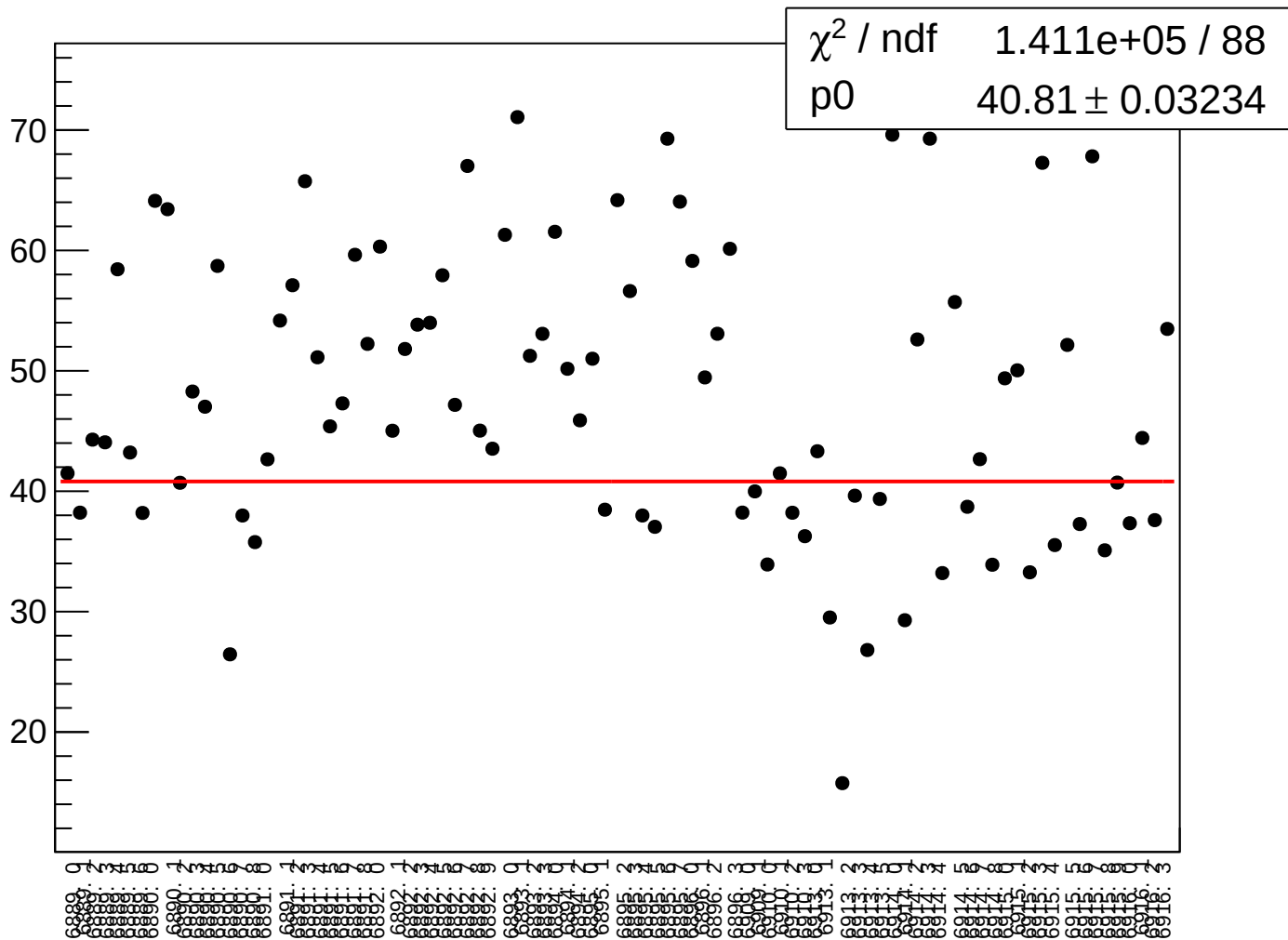
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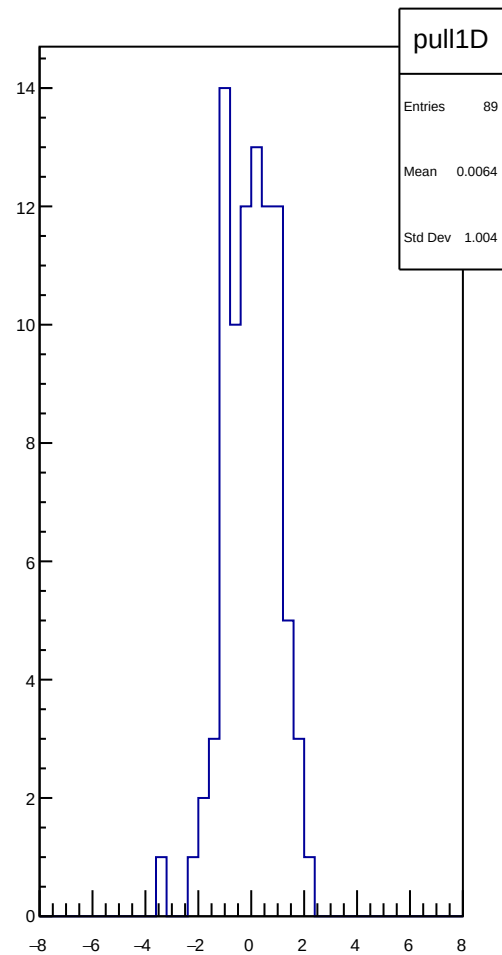
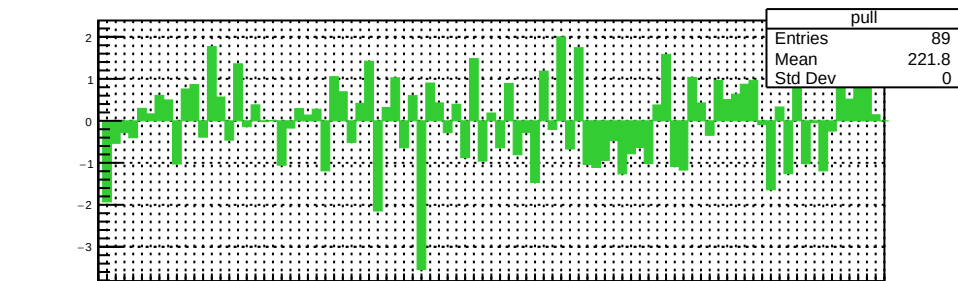
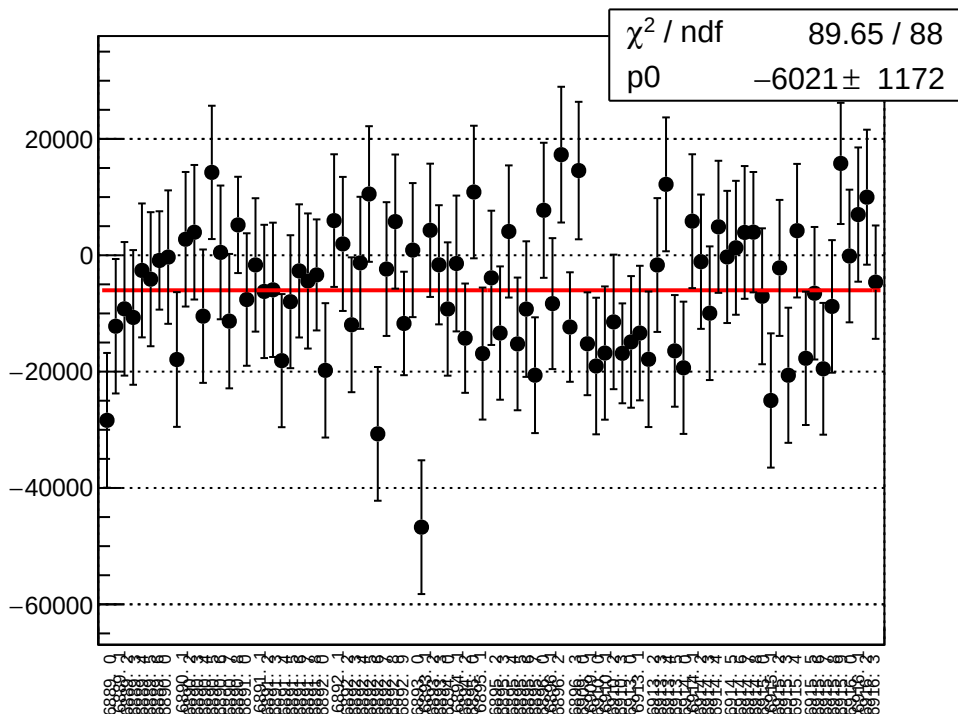
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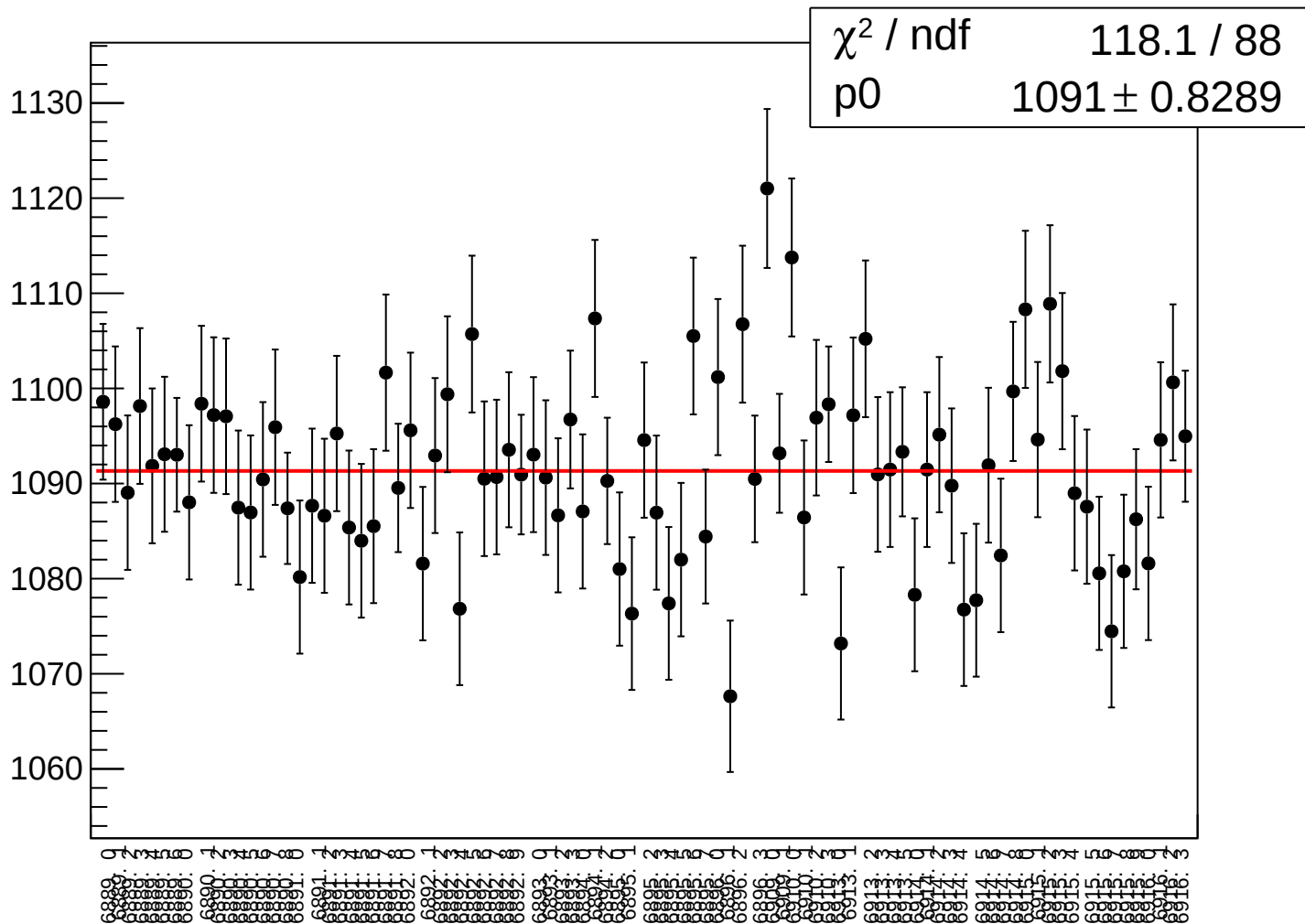
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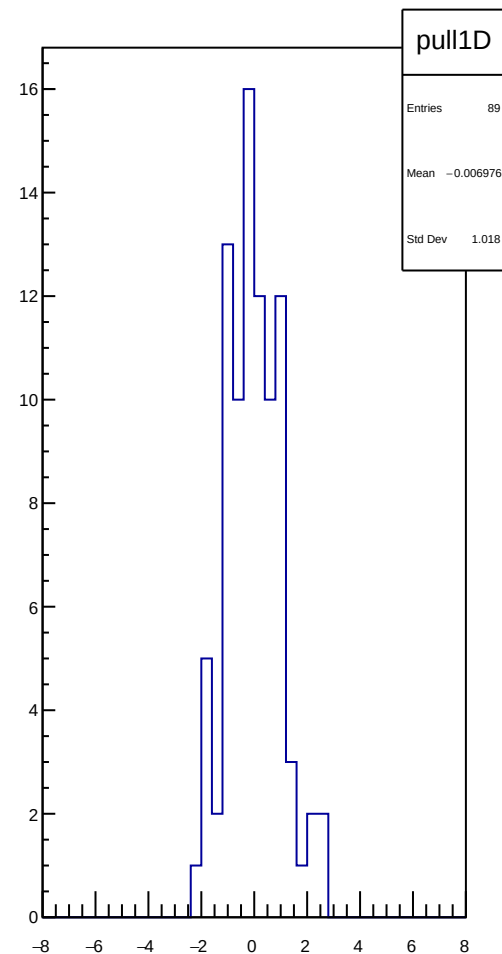
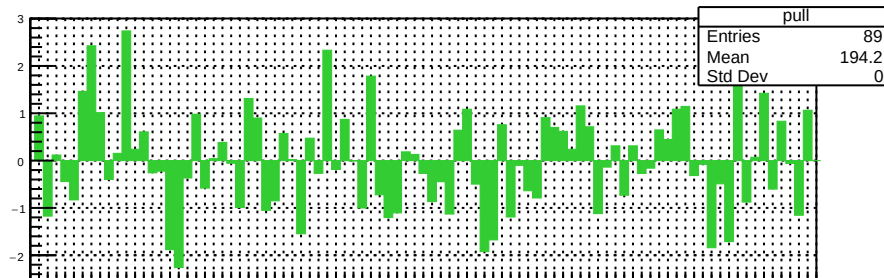
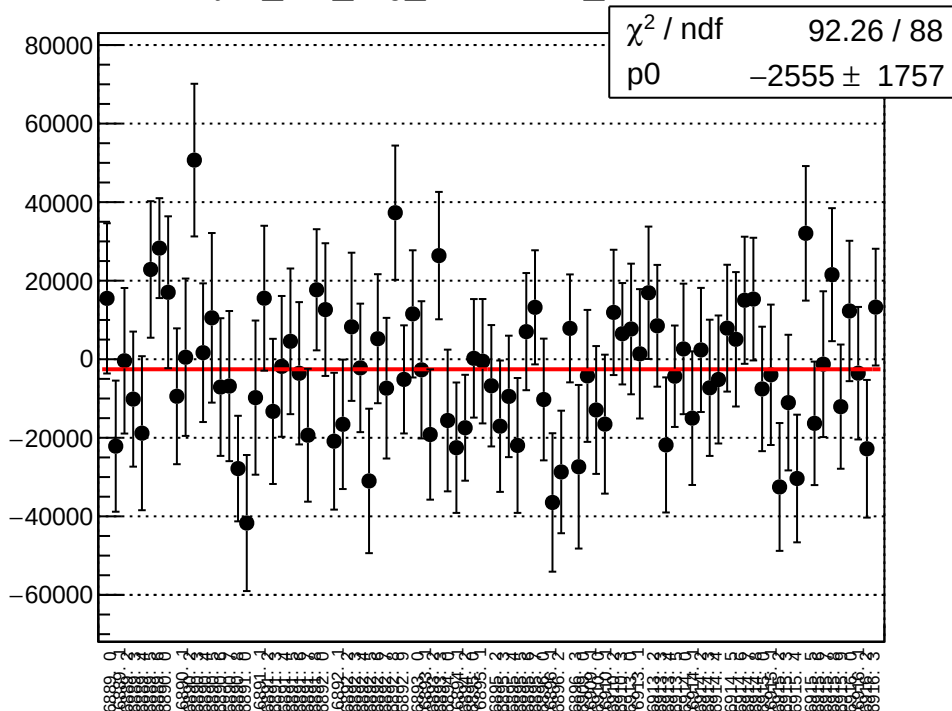
reg_asym_usr_mean vs run



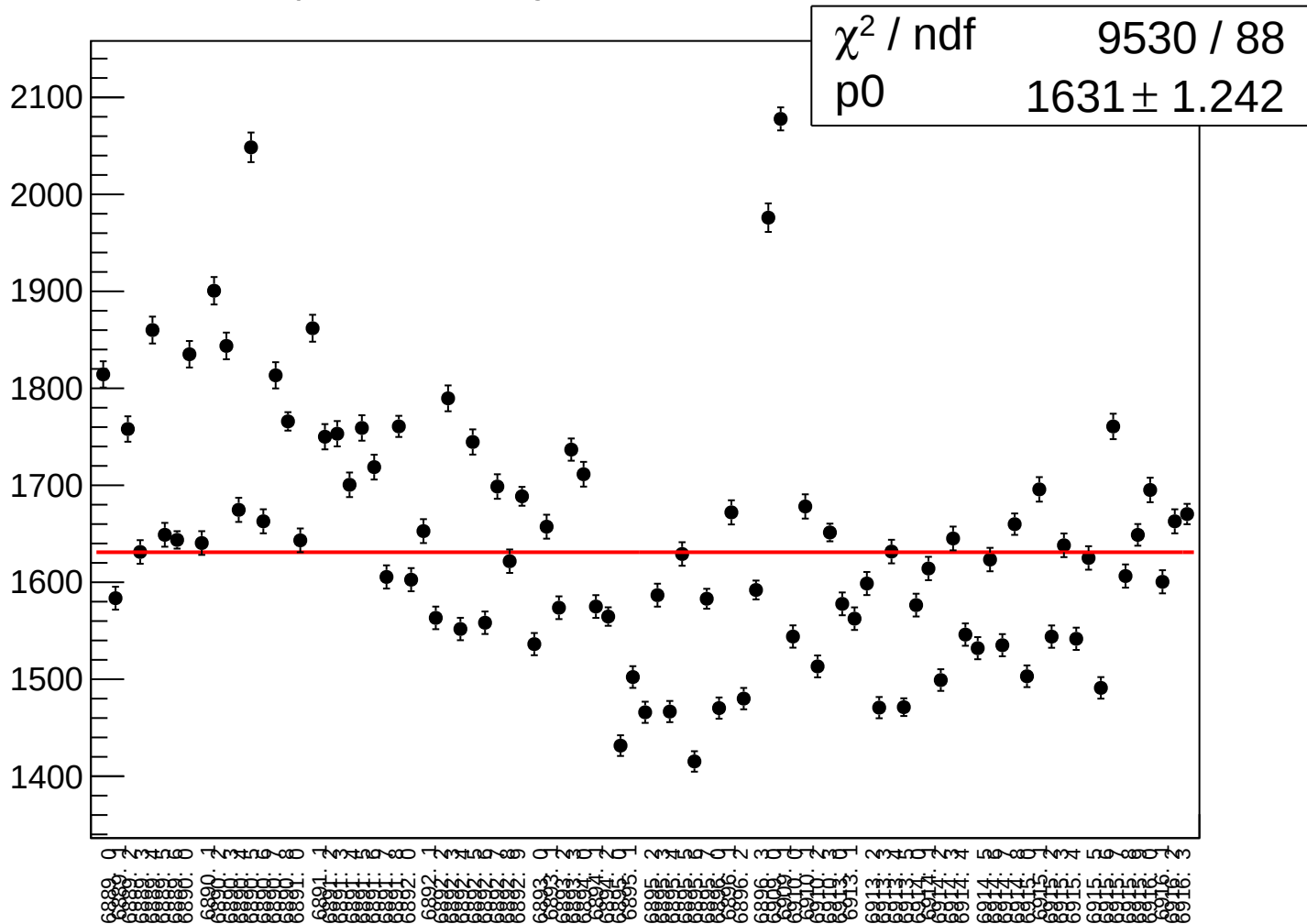
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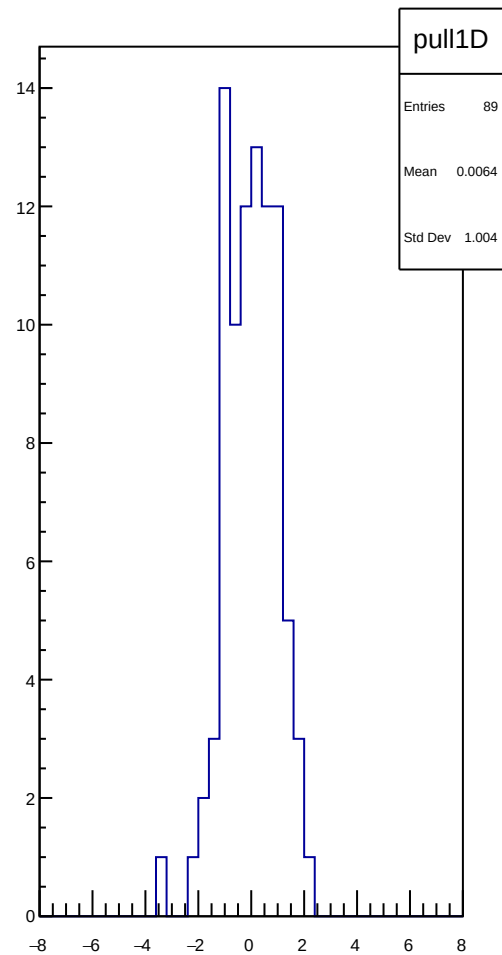
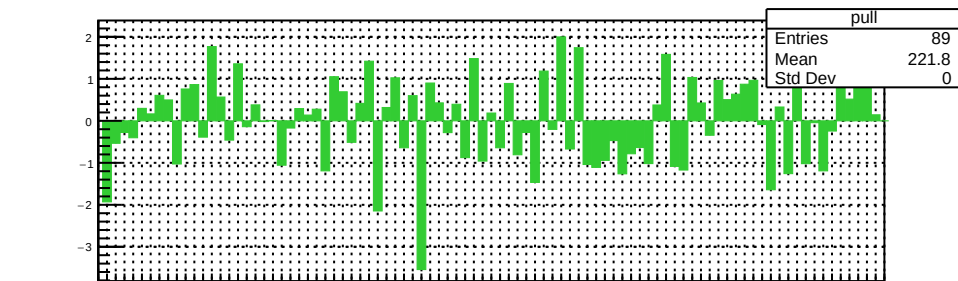
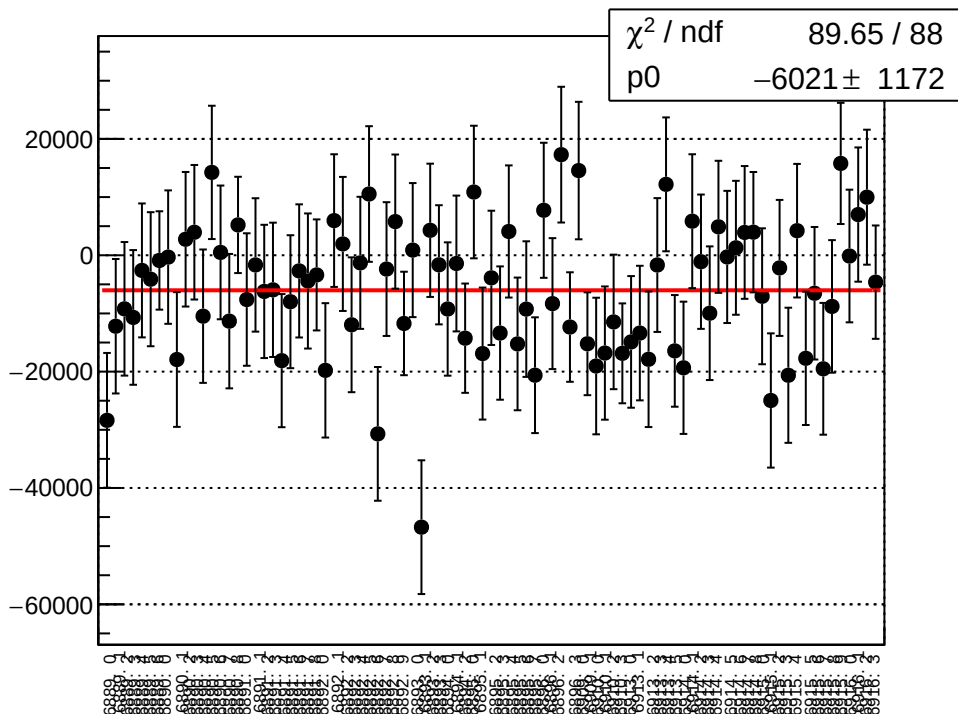
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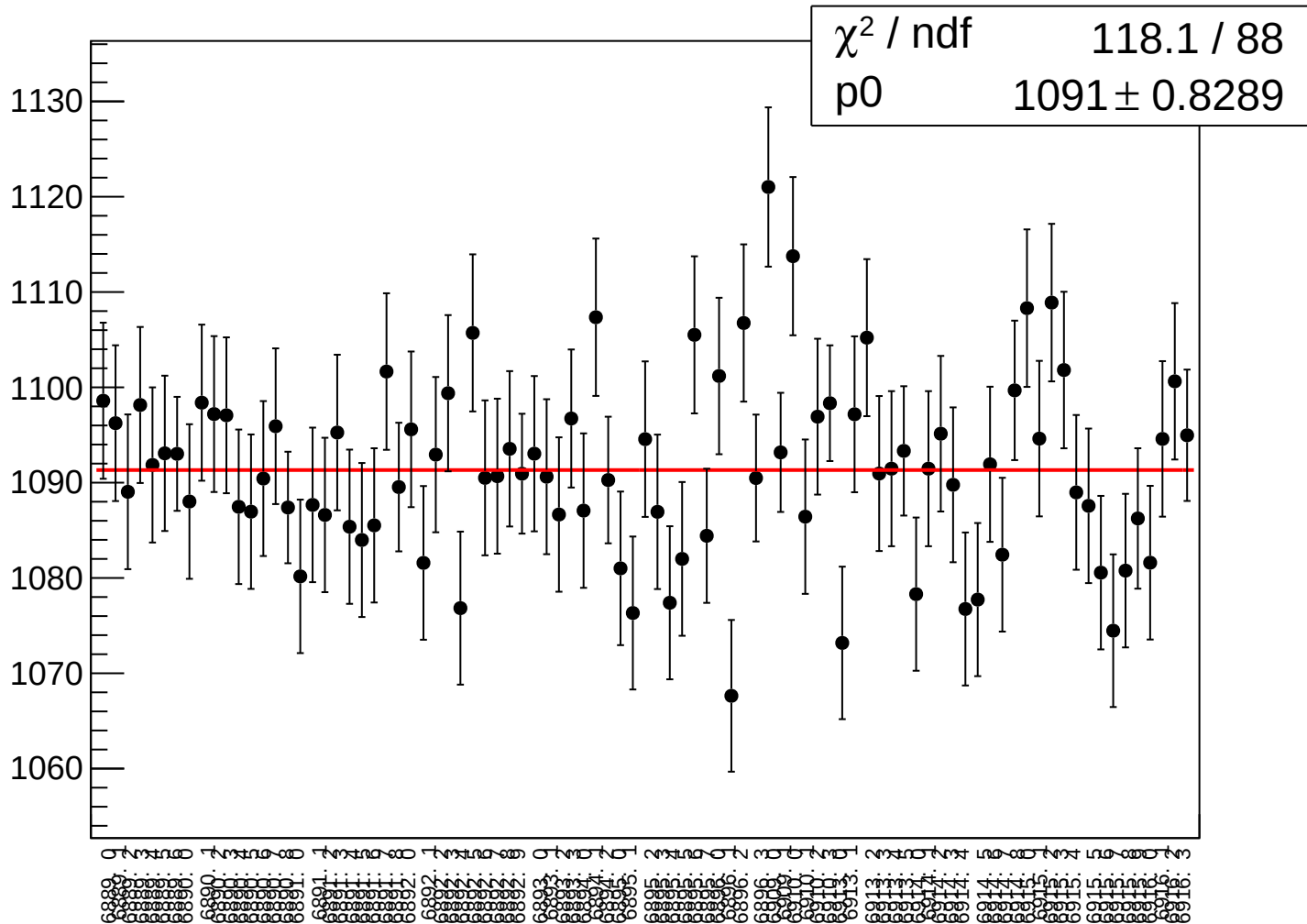
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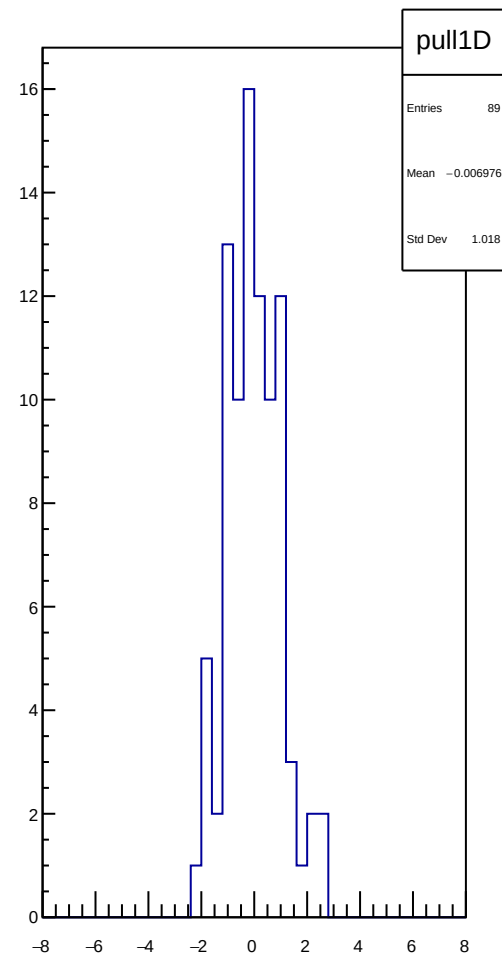
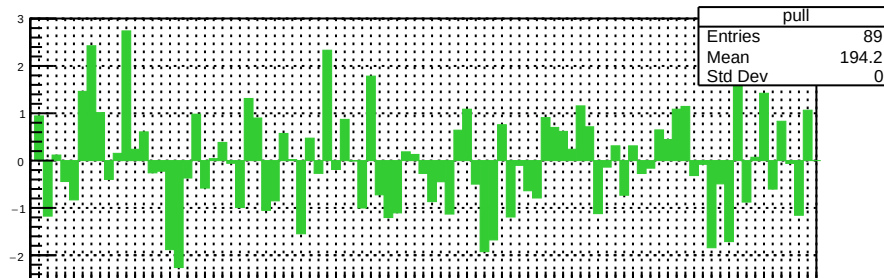
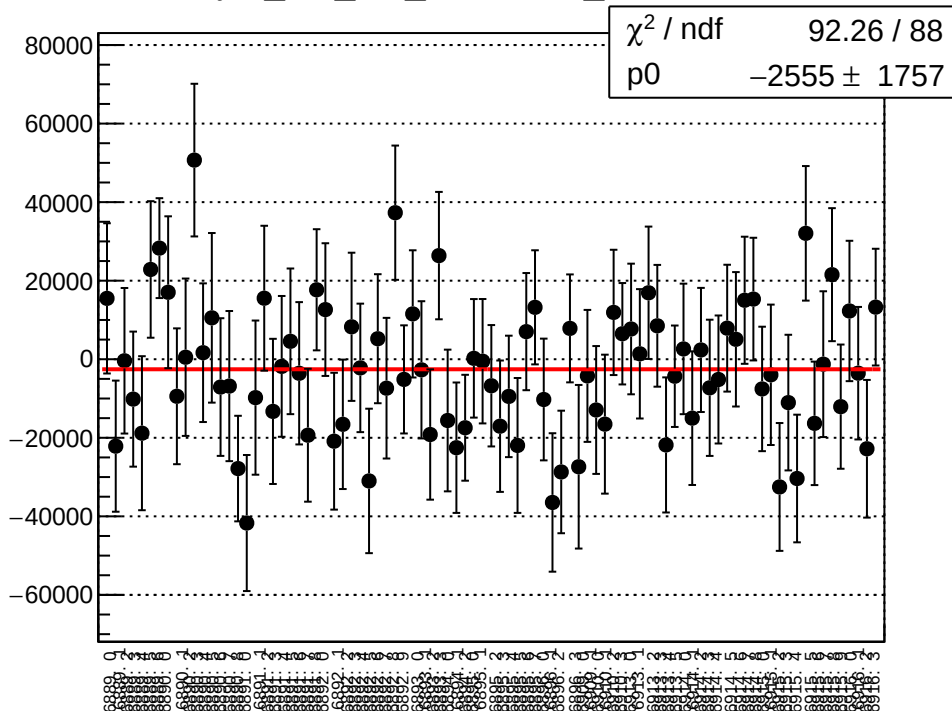
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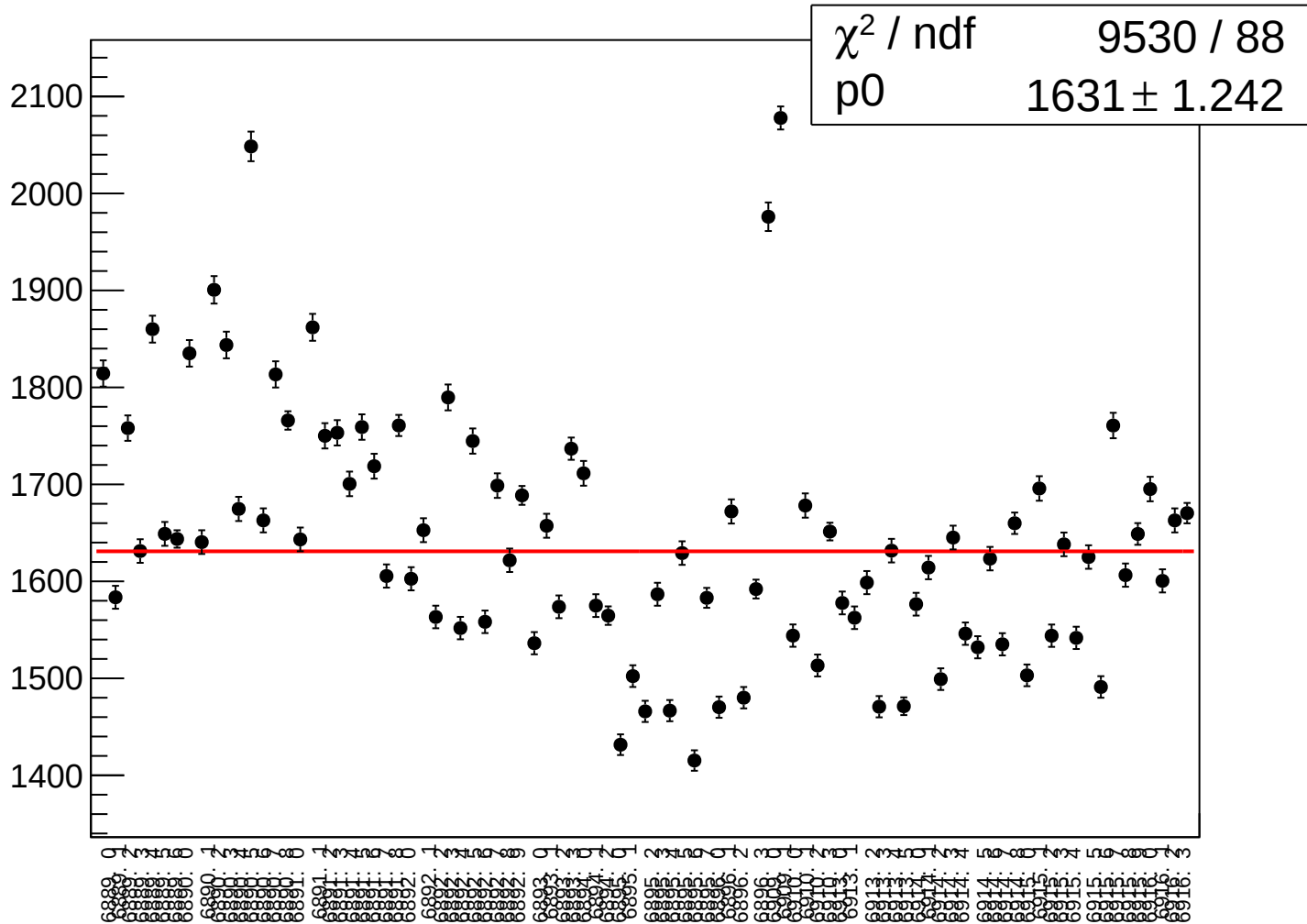
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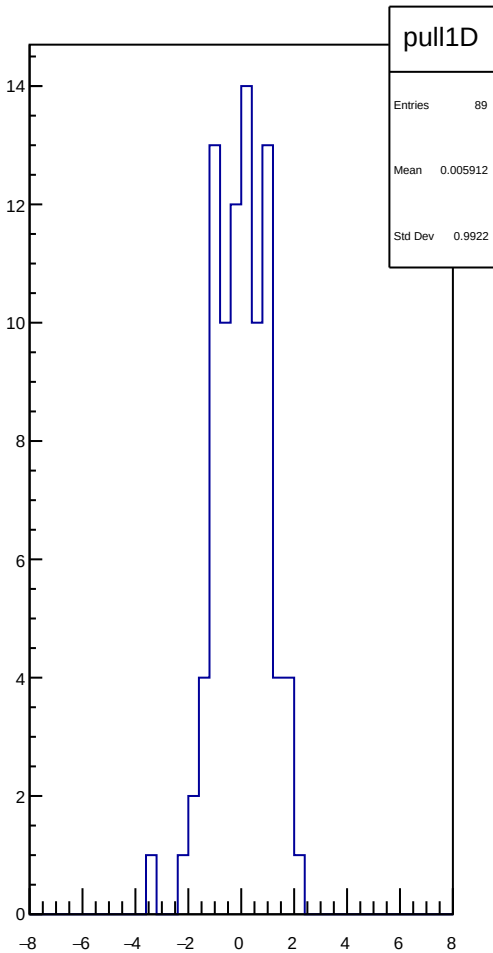
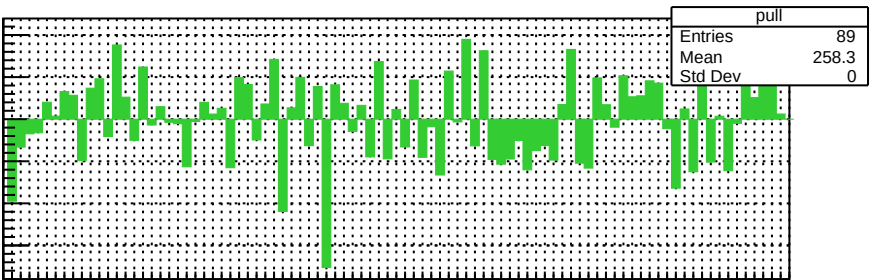
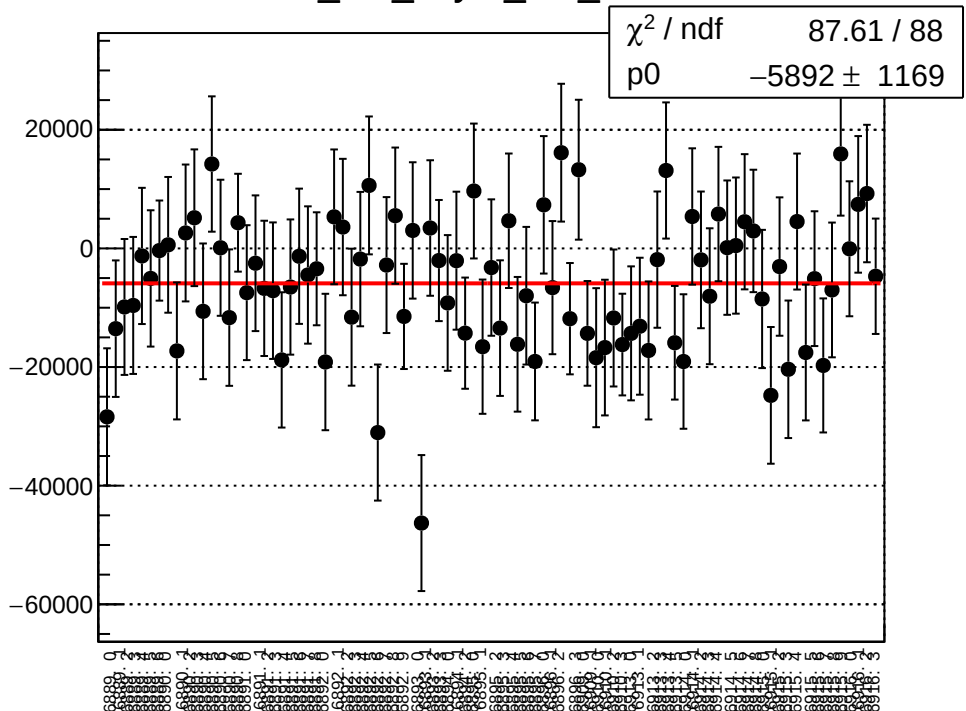
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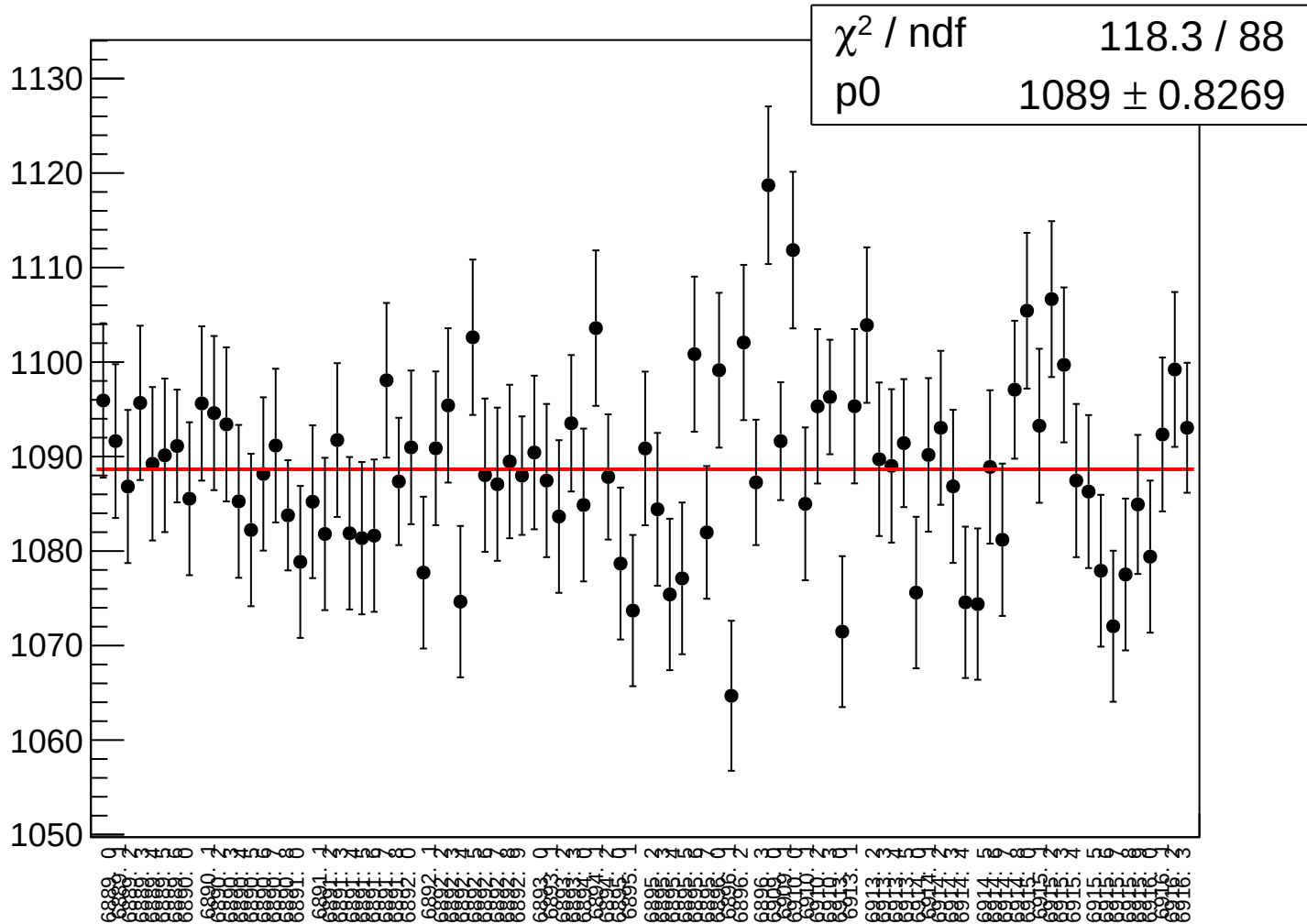
asym_usr_cor_correction_rms vs run



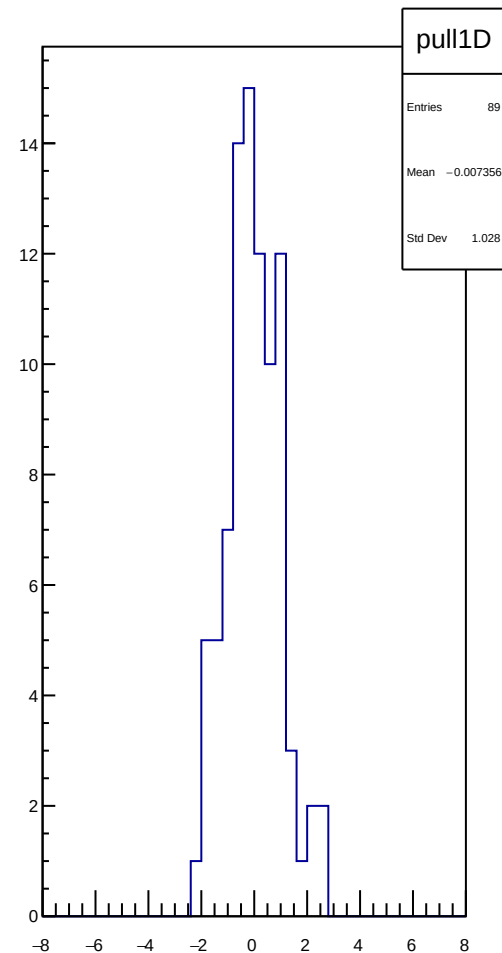
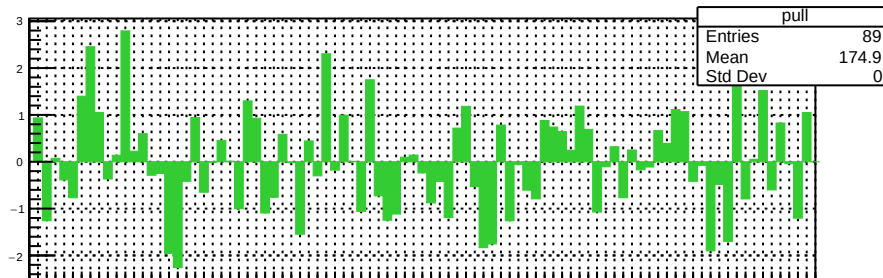
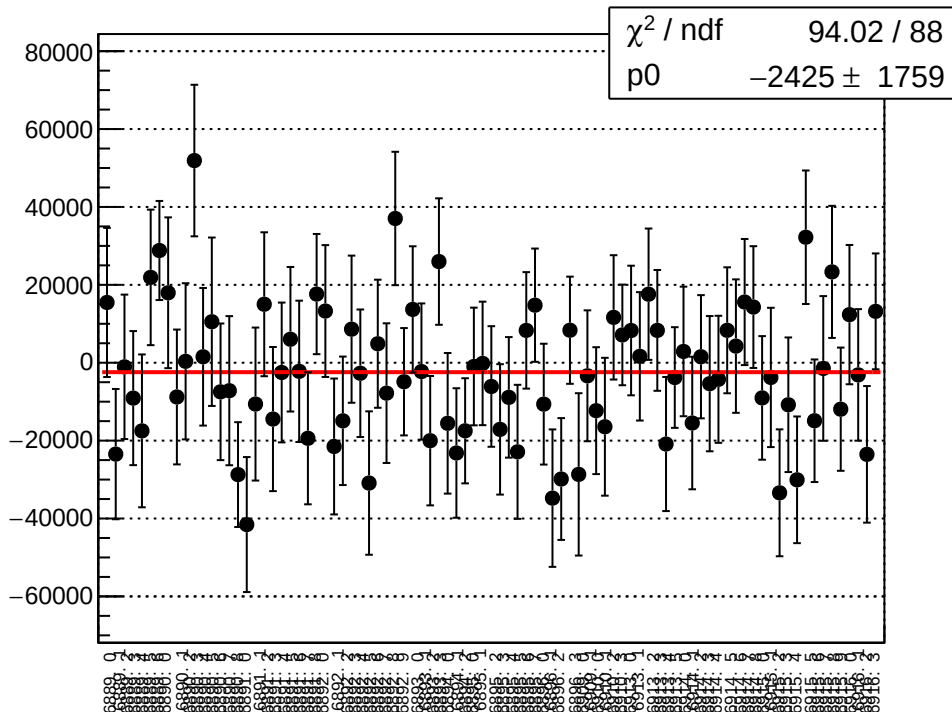
overload_cor_asym_usr_mean vs run



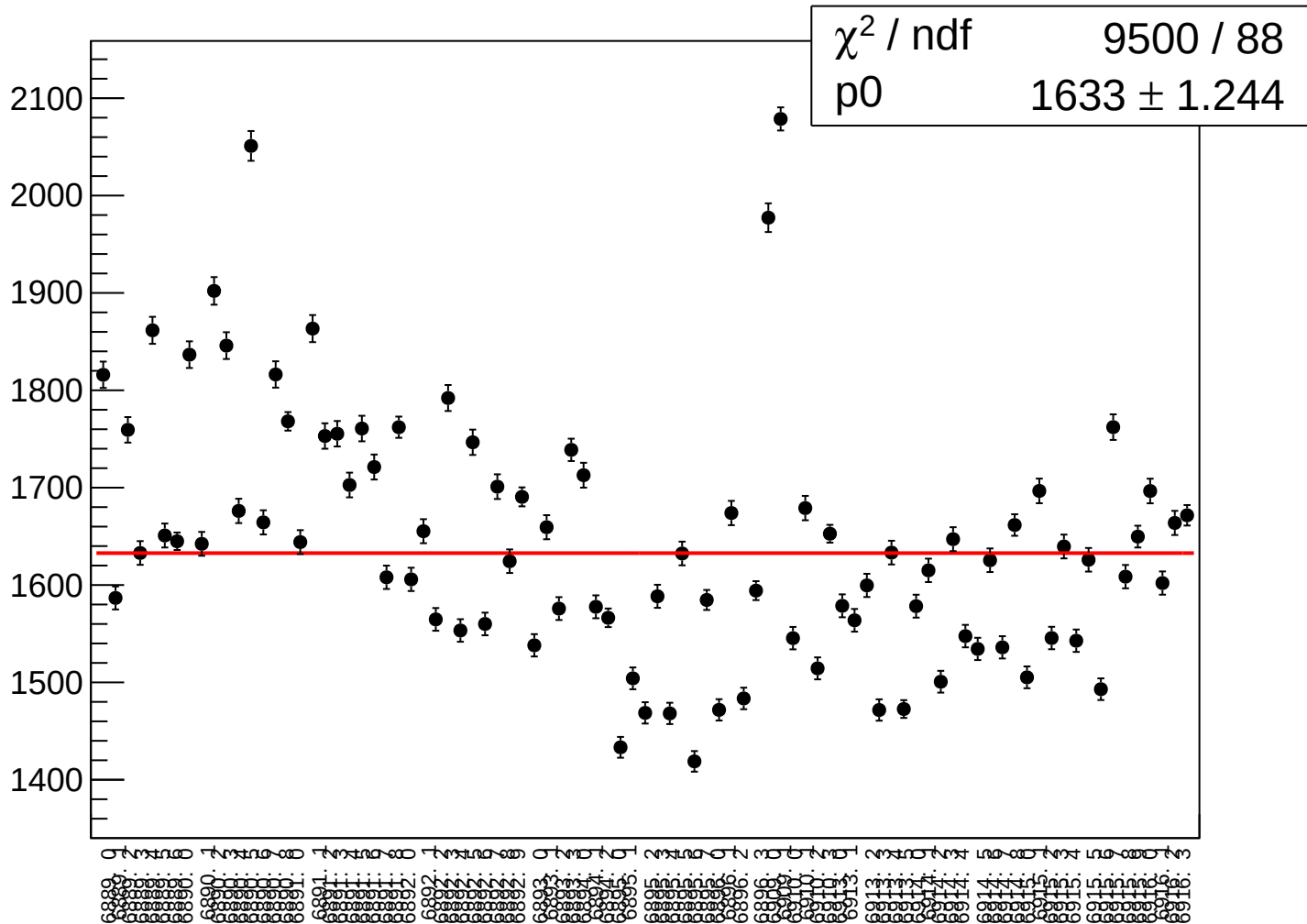
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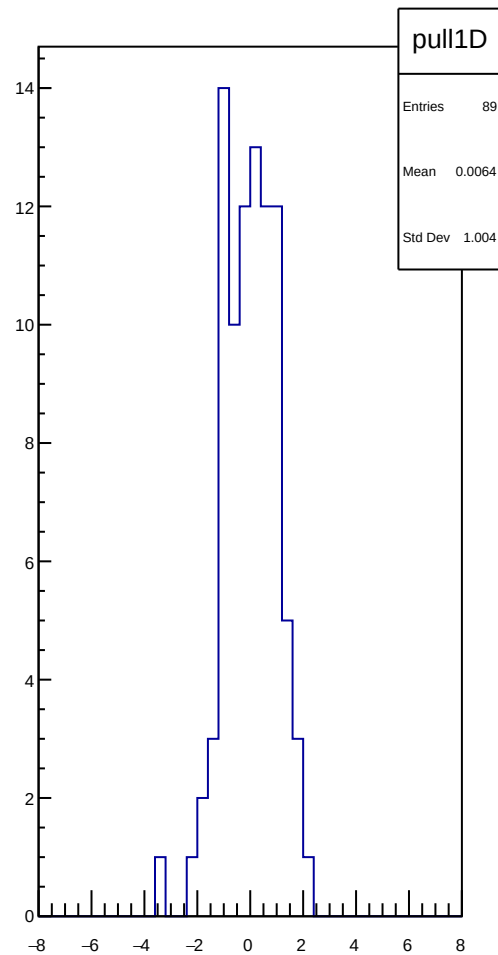
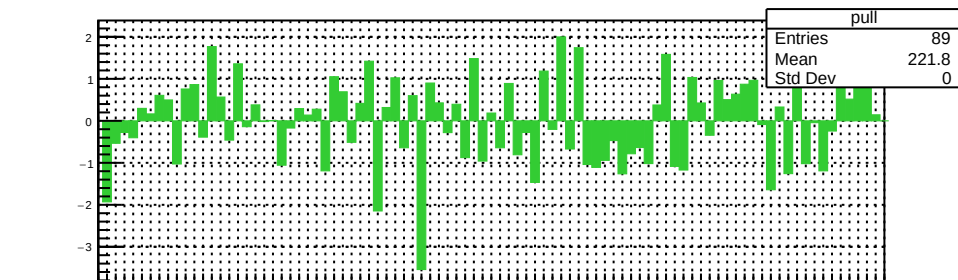
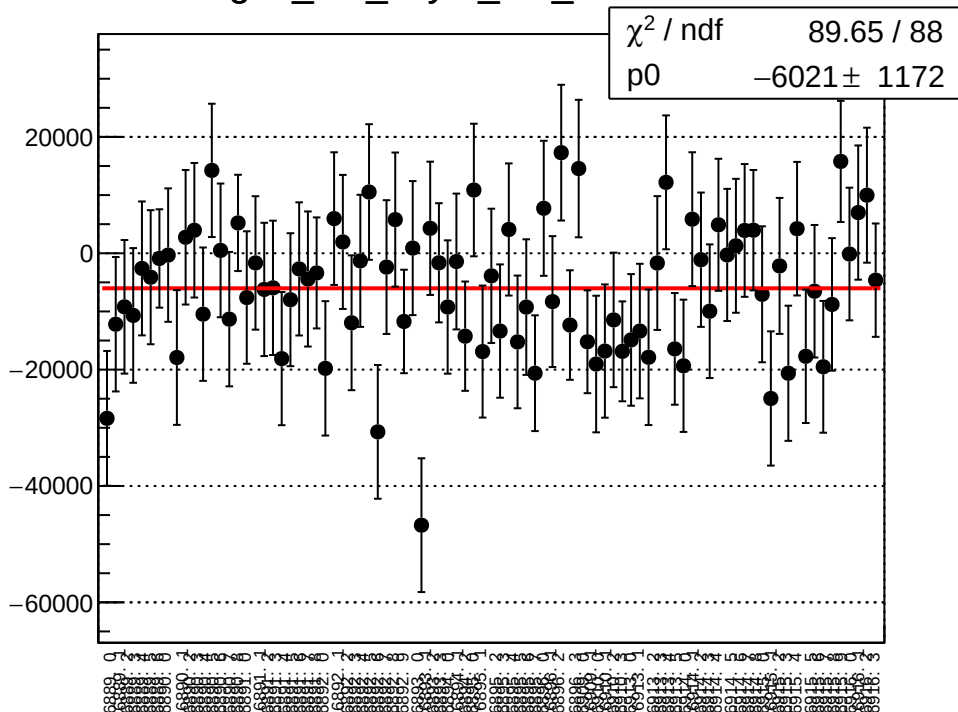
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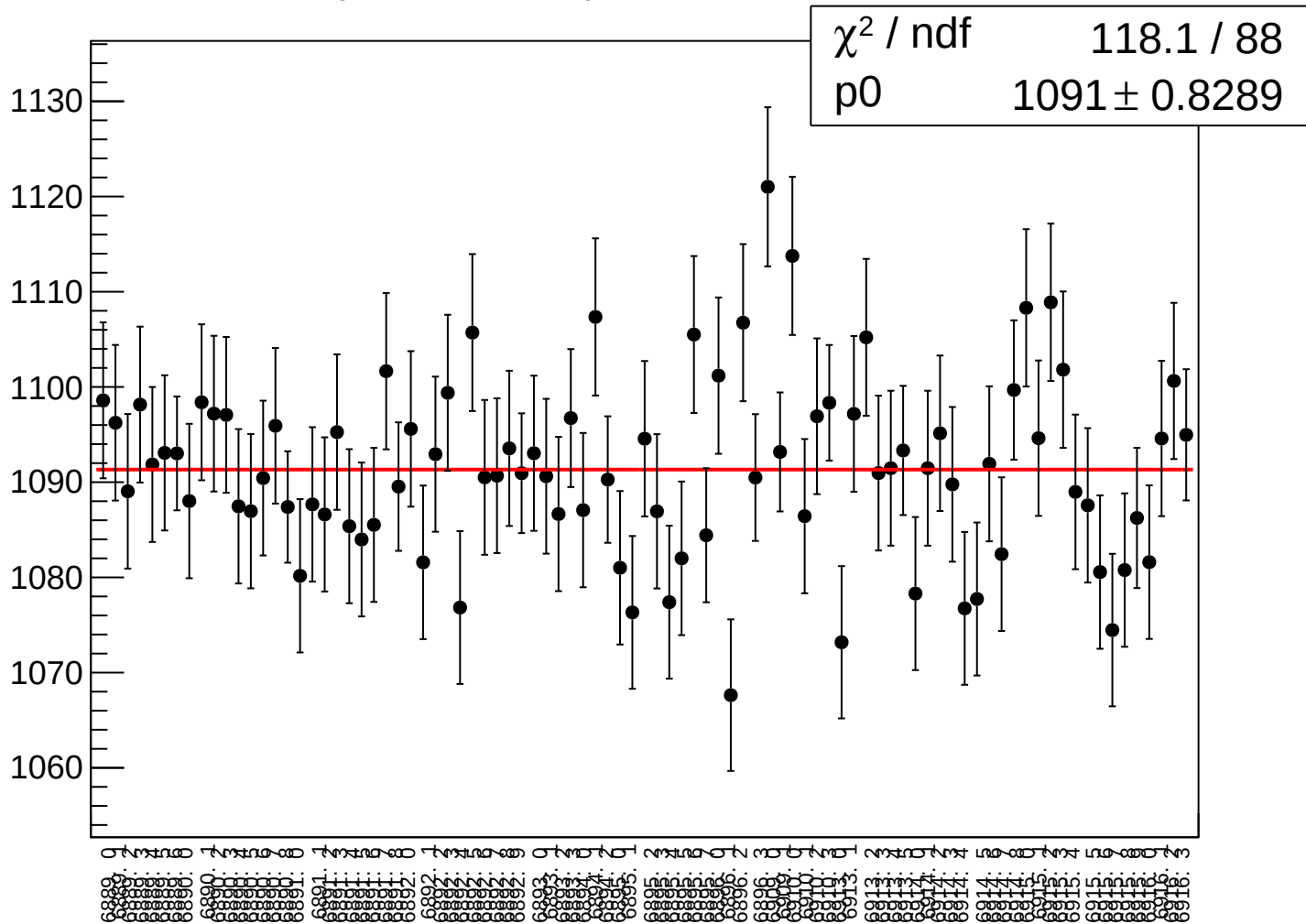
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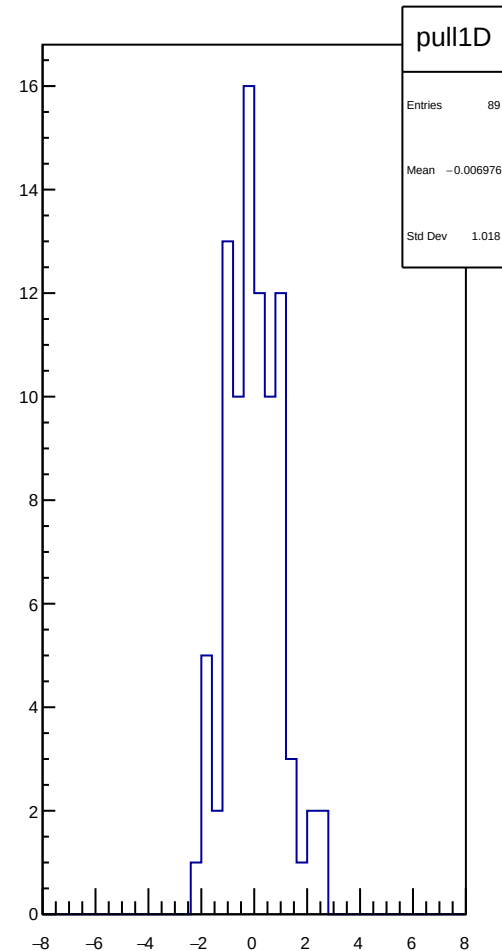
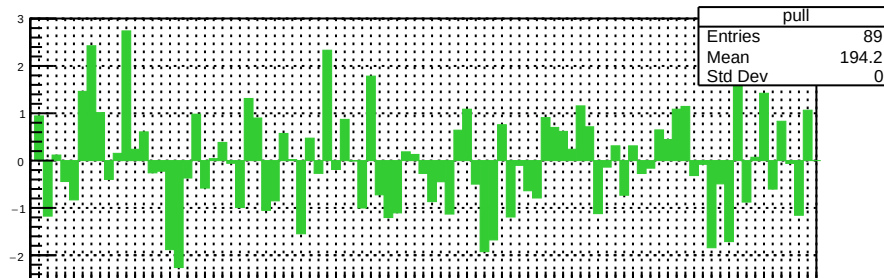
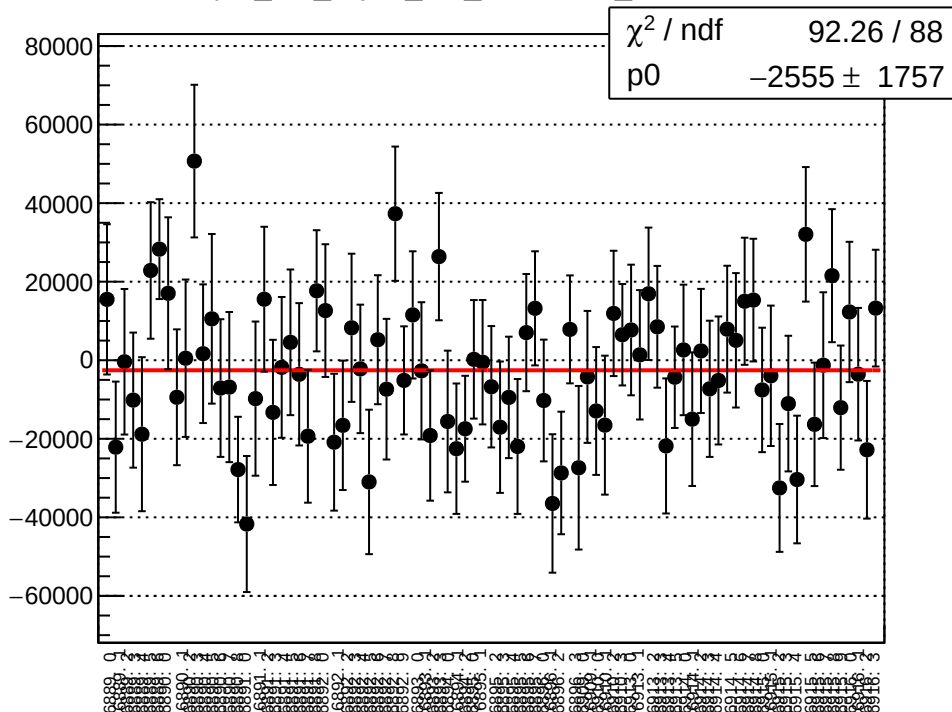
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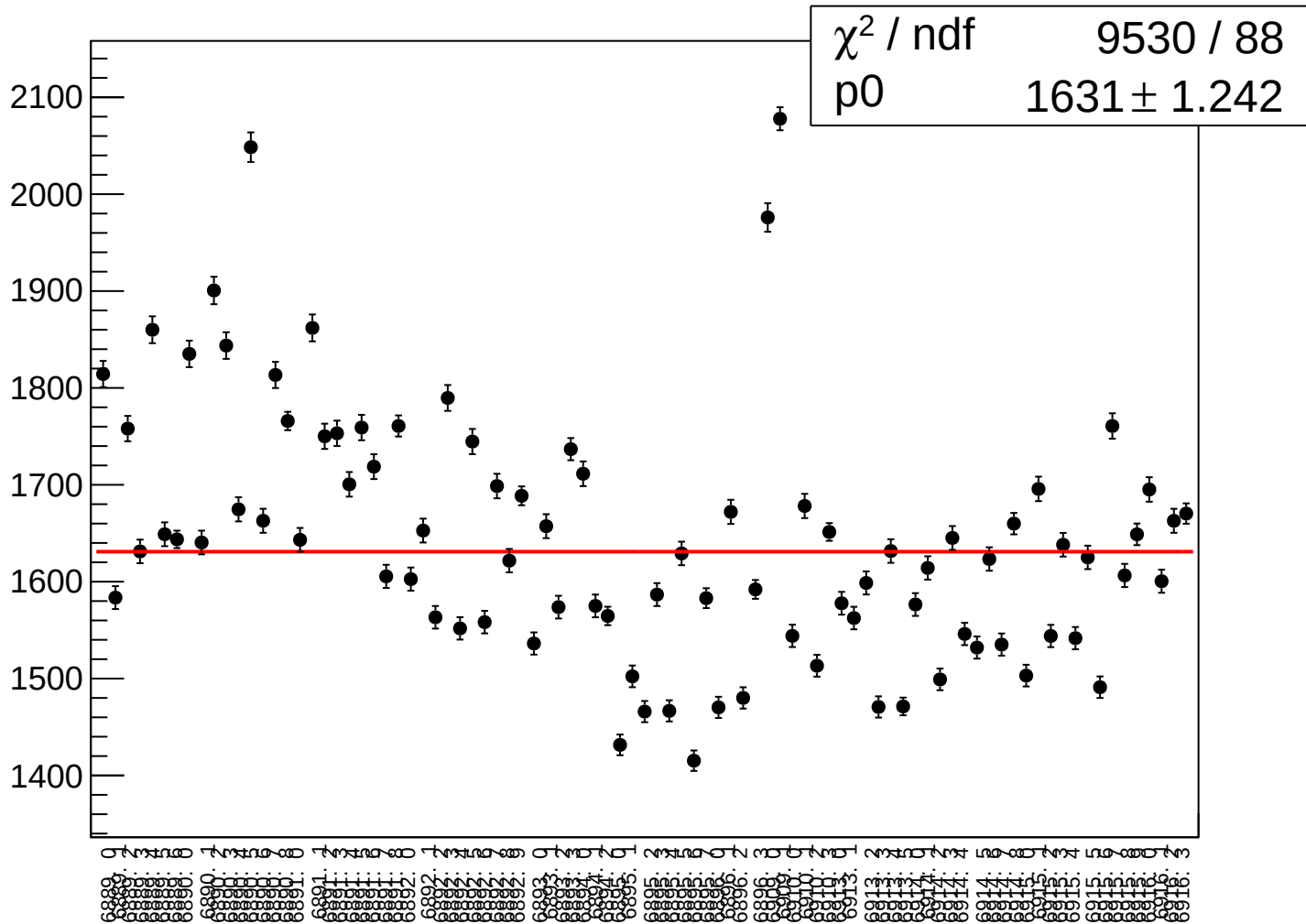
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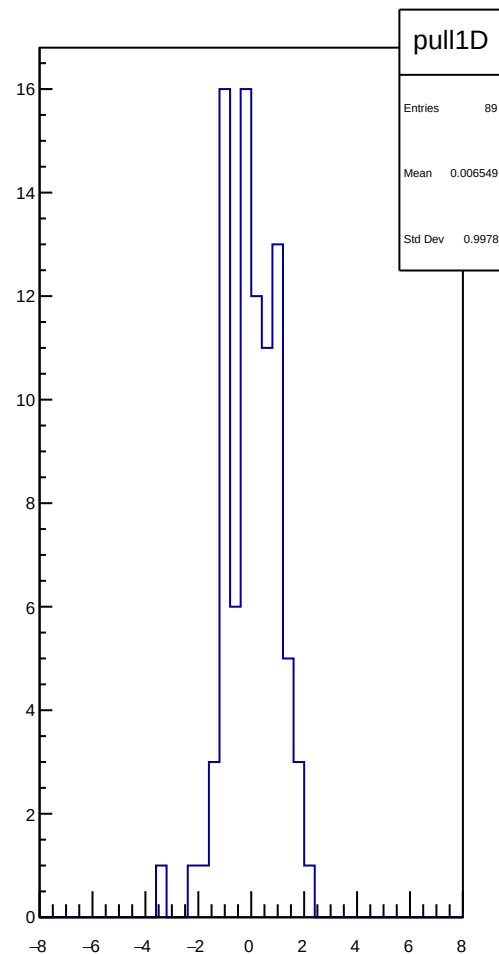
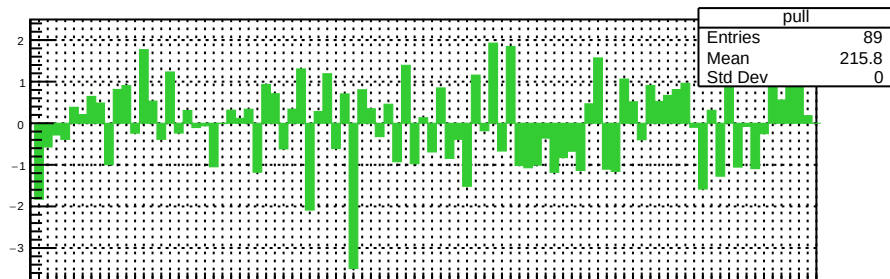
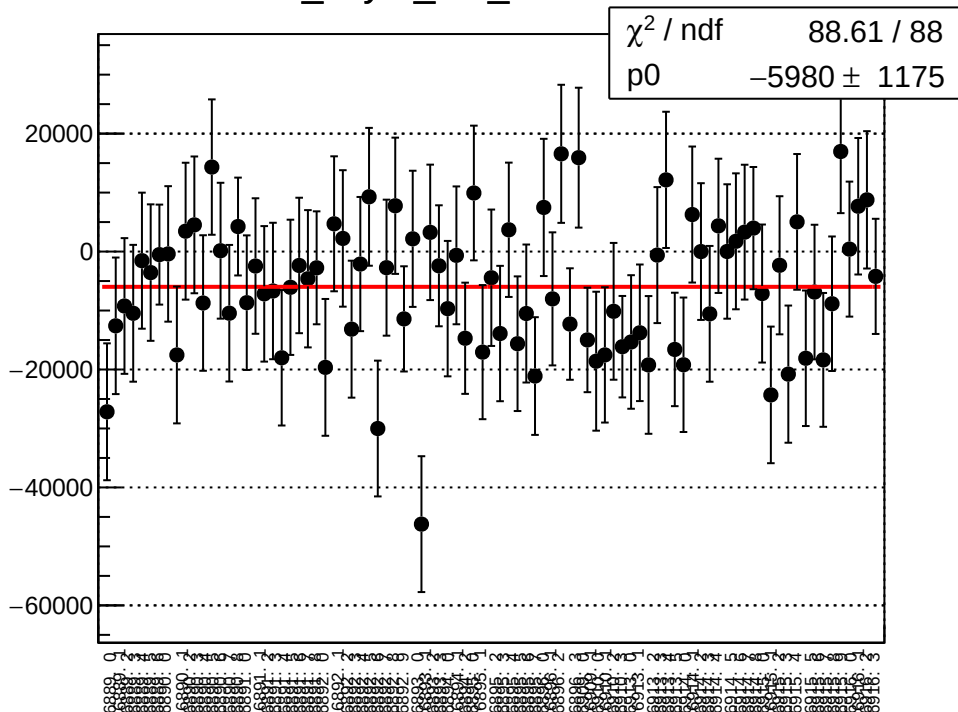
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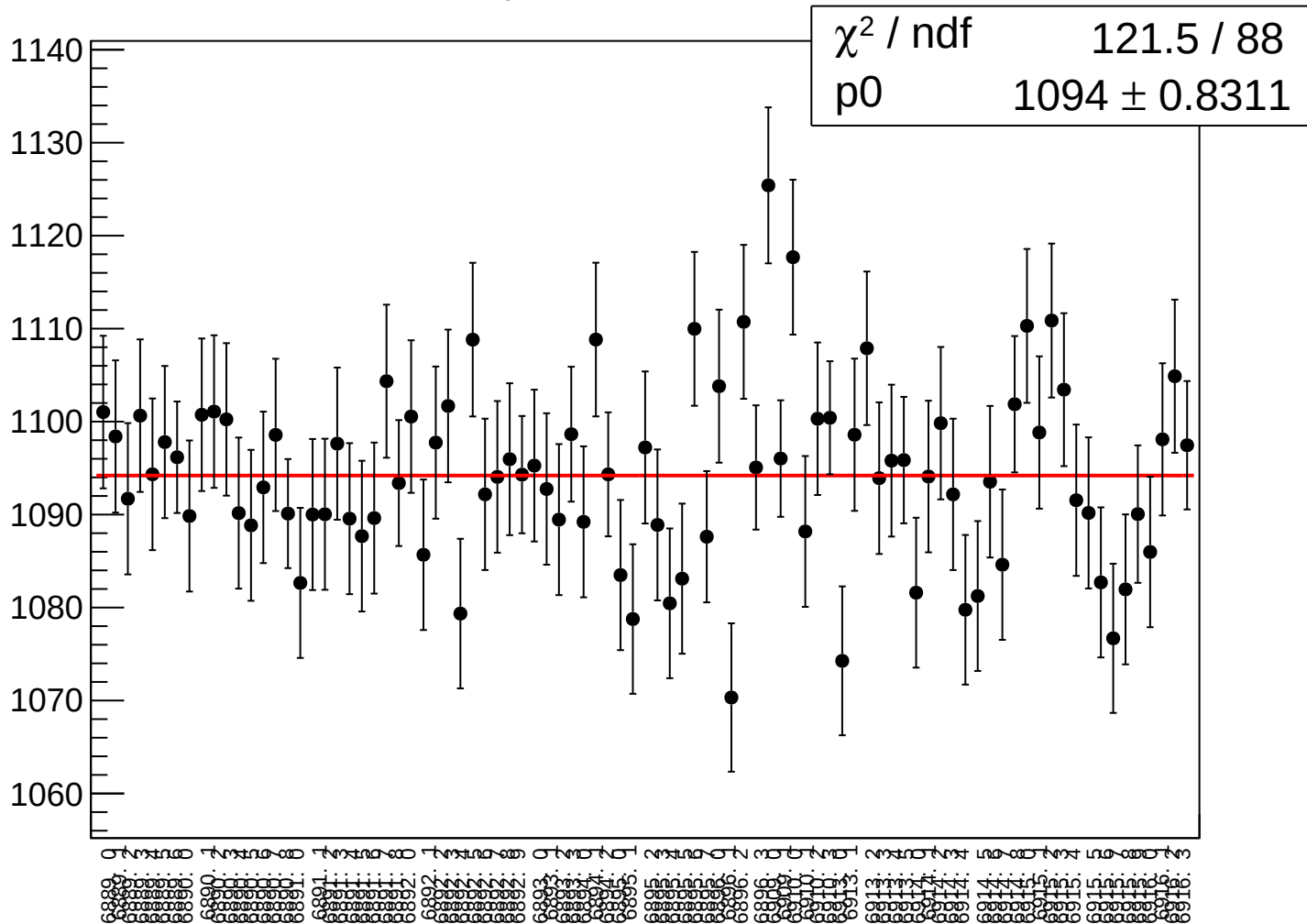
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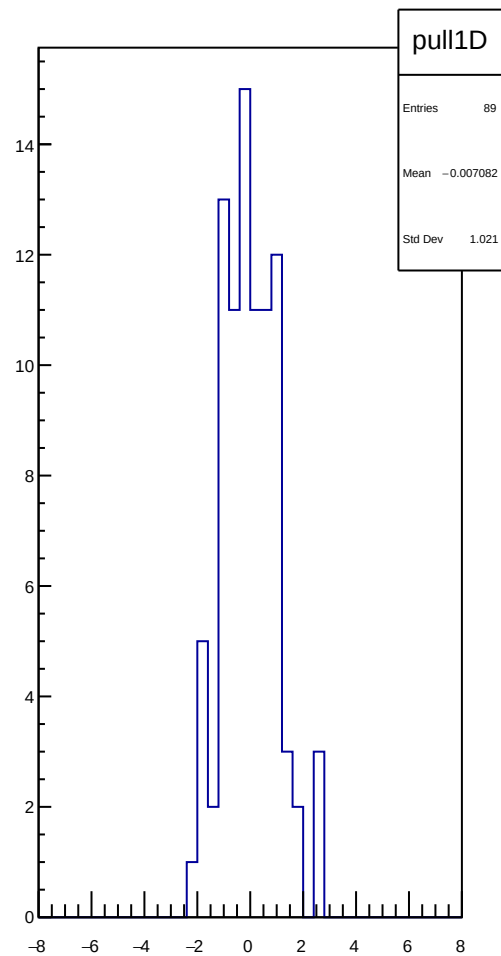
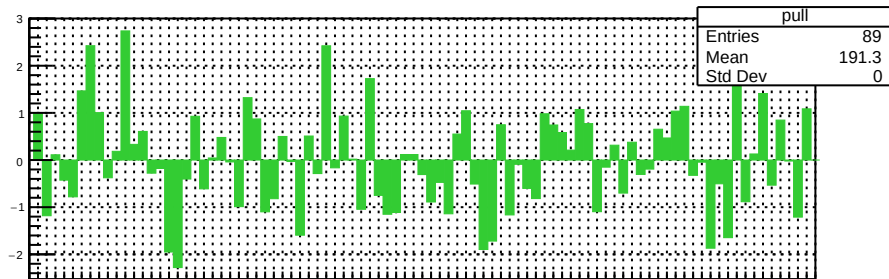
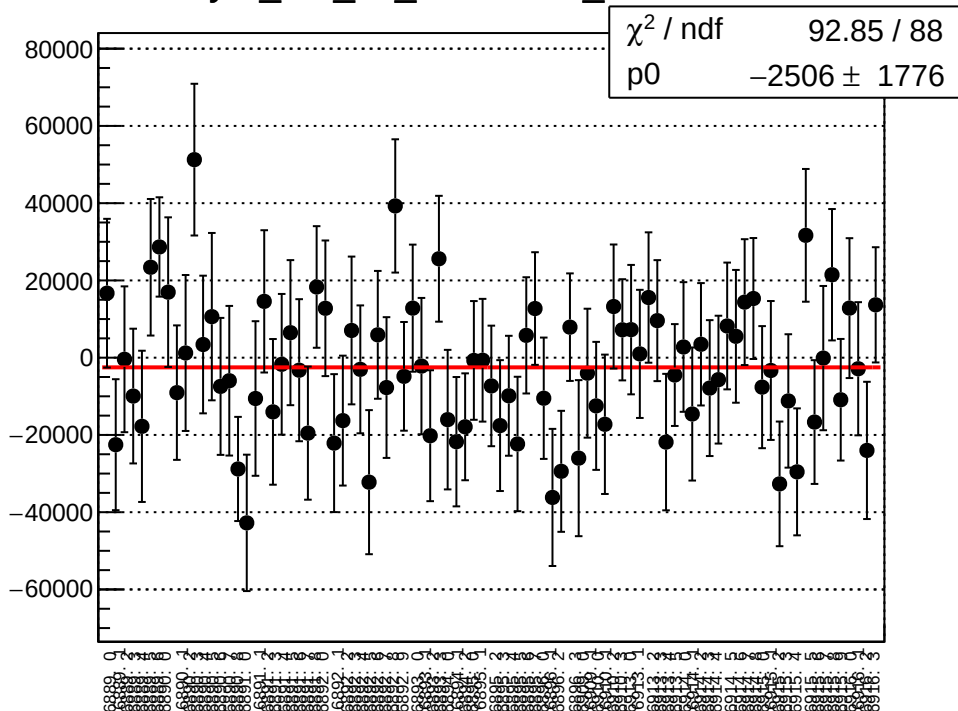
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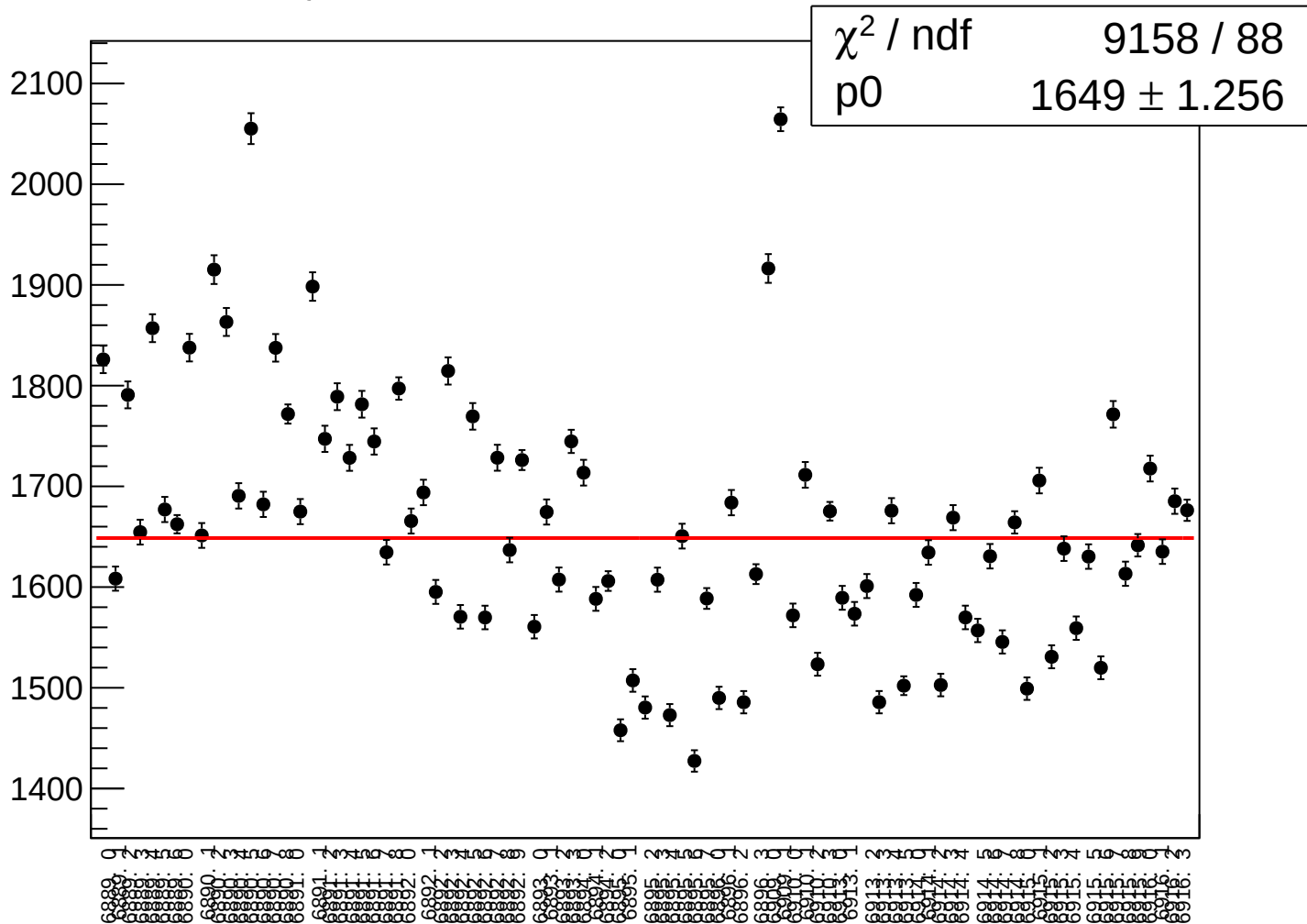
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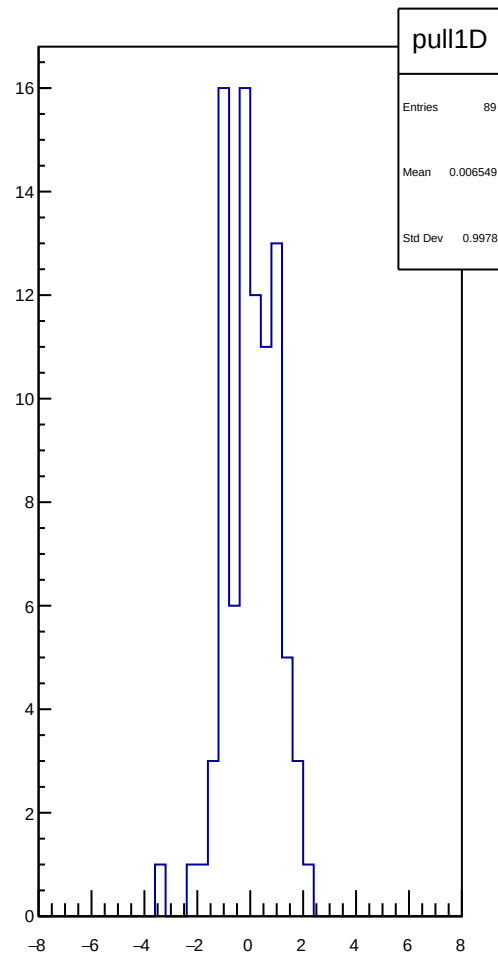
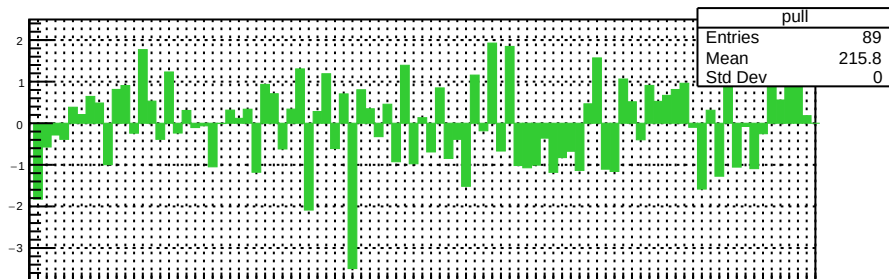
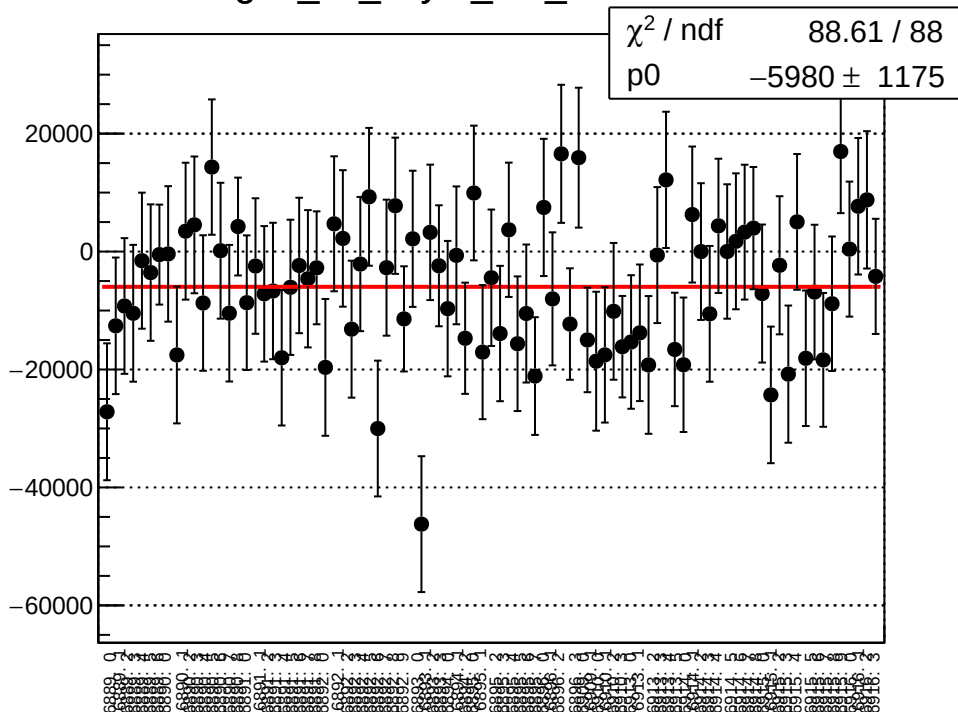
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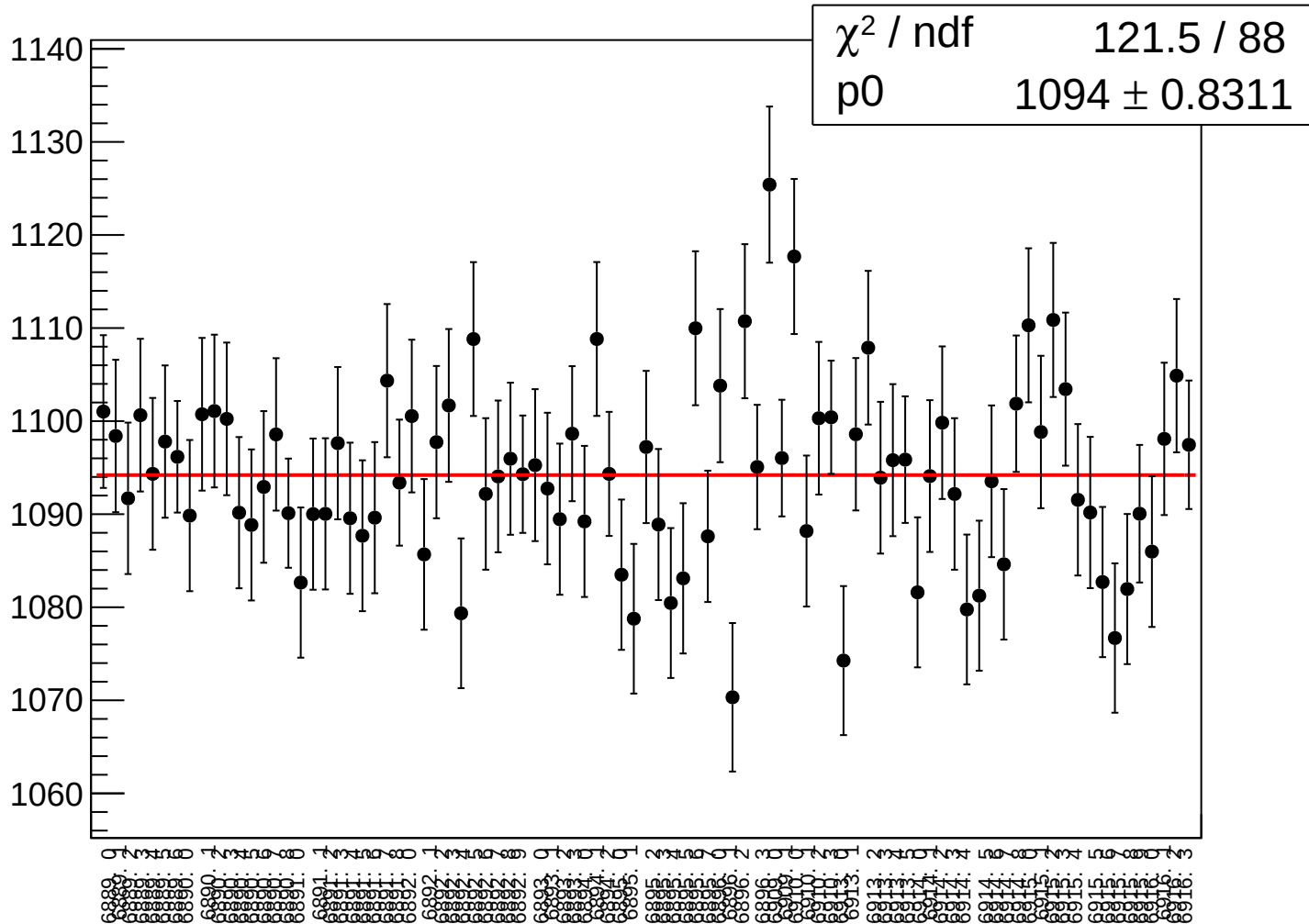
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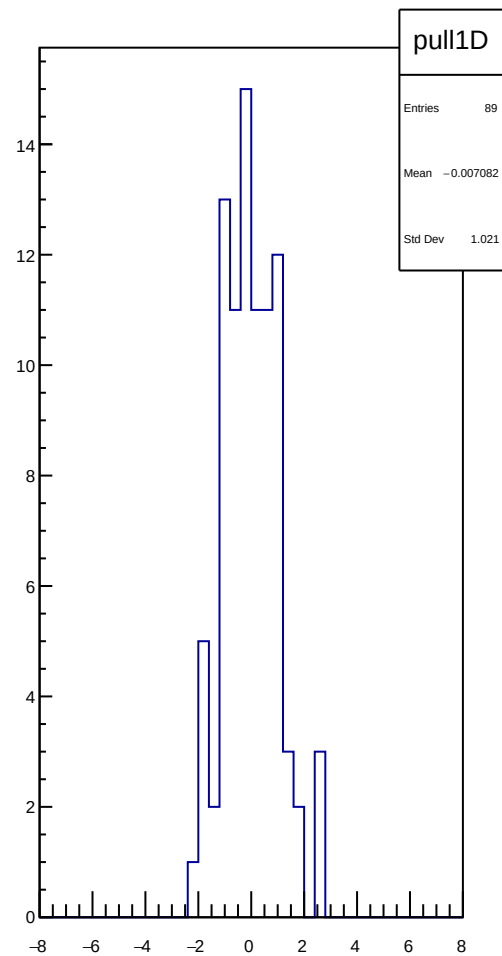
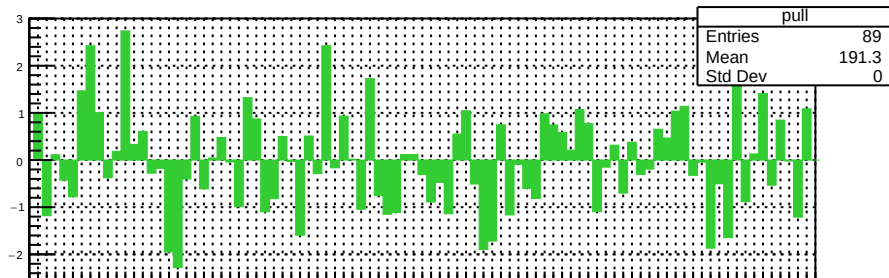
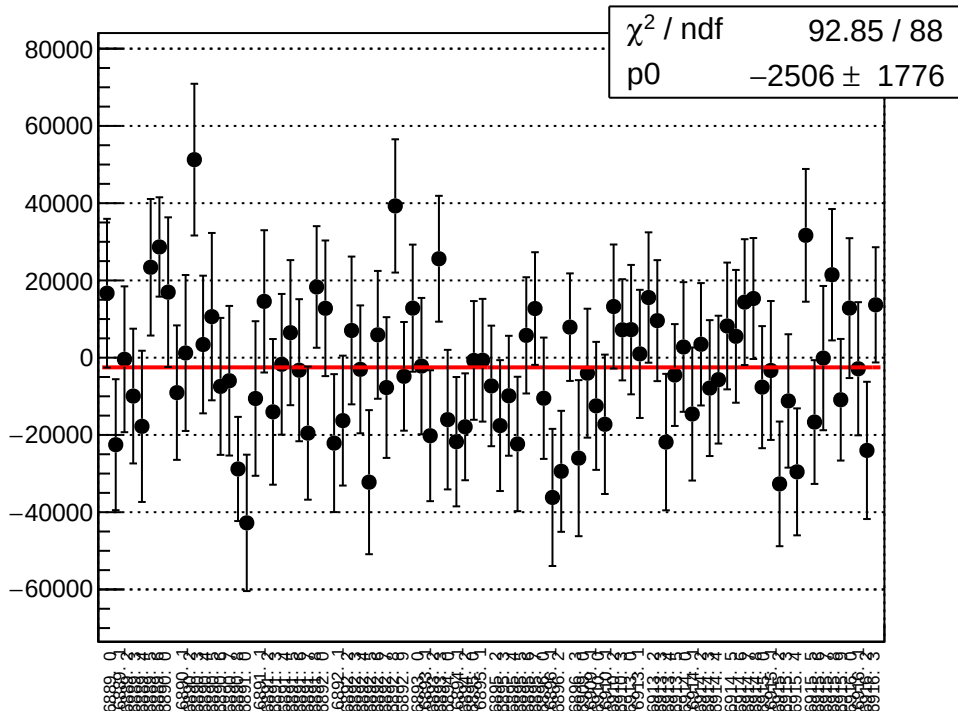
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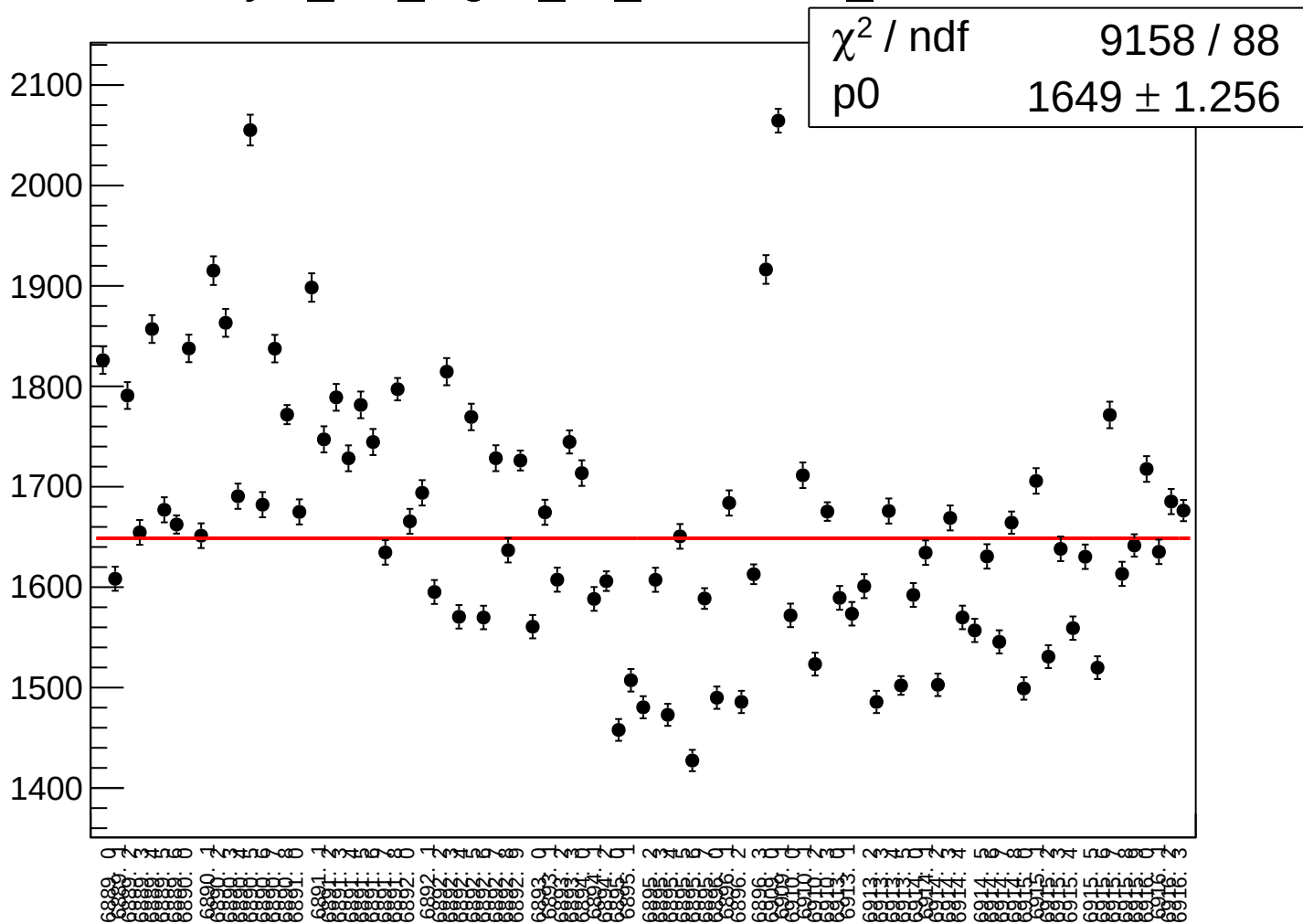
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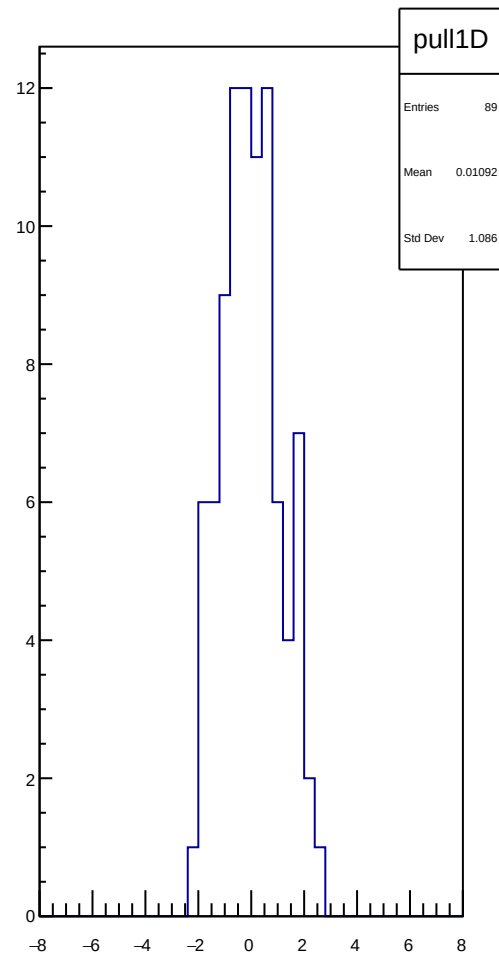
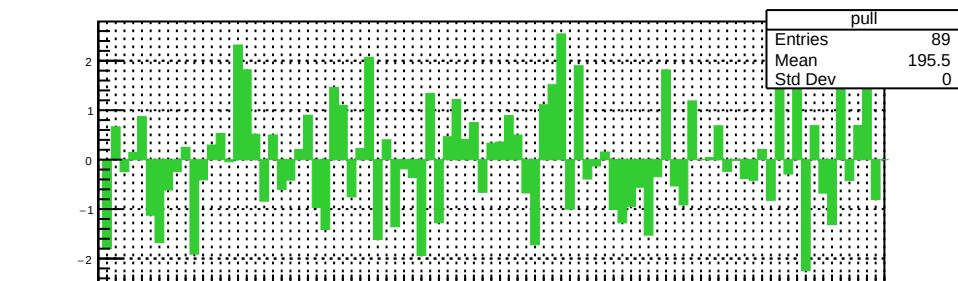
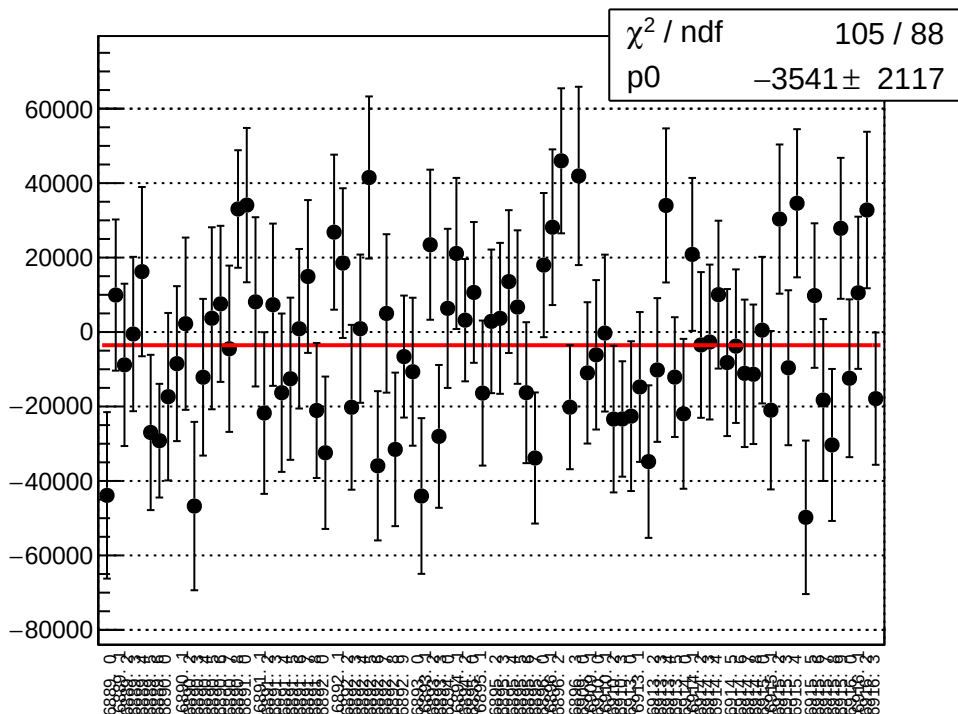
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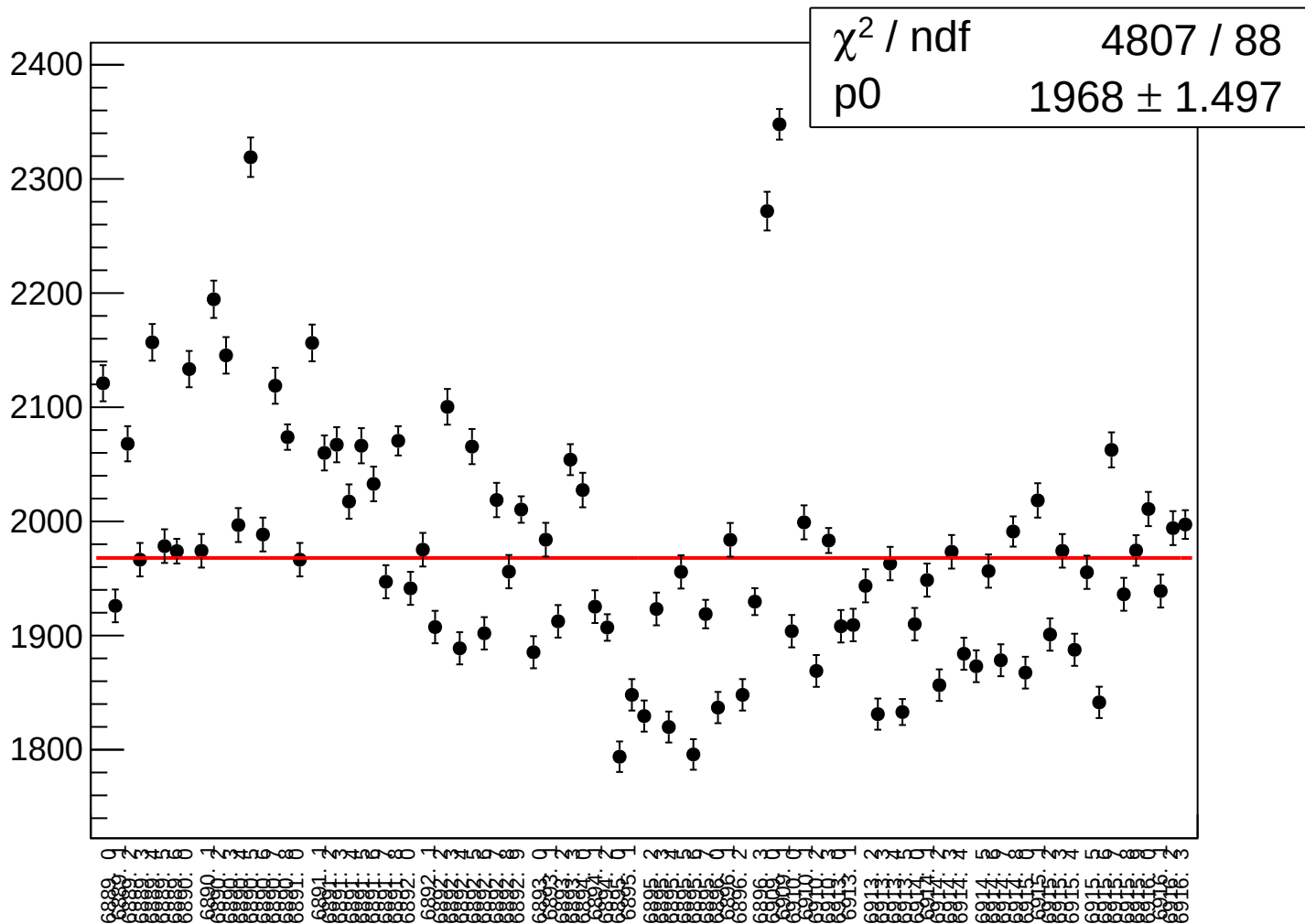
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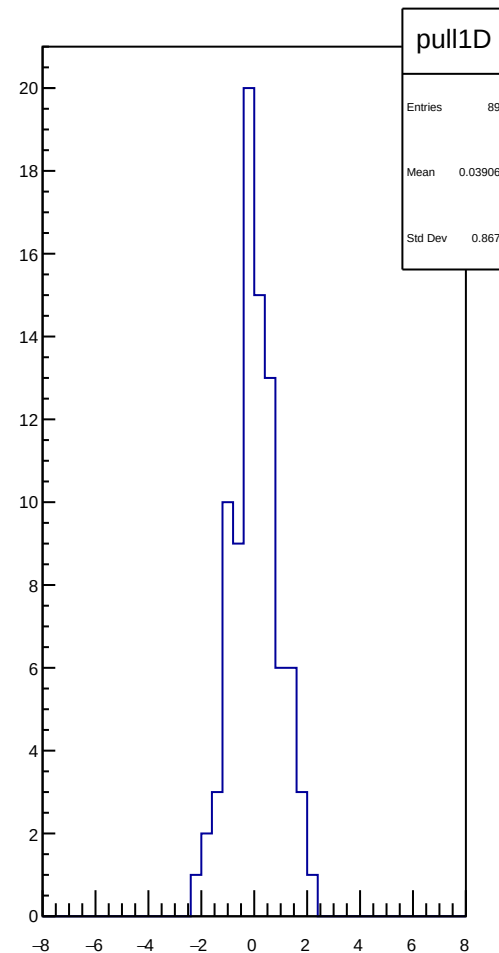
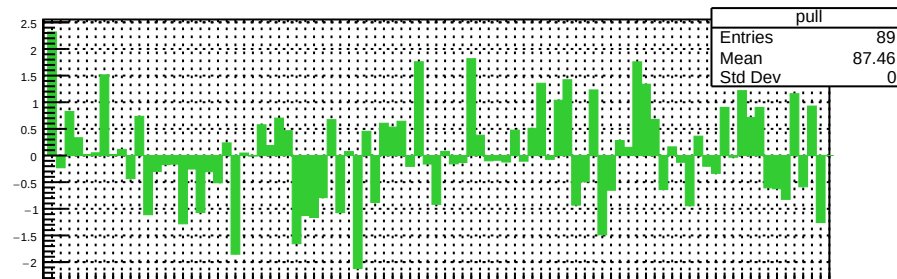
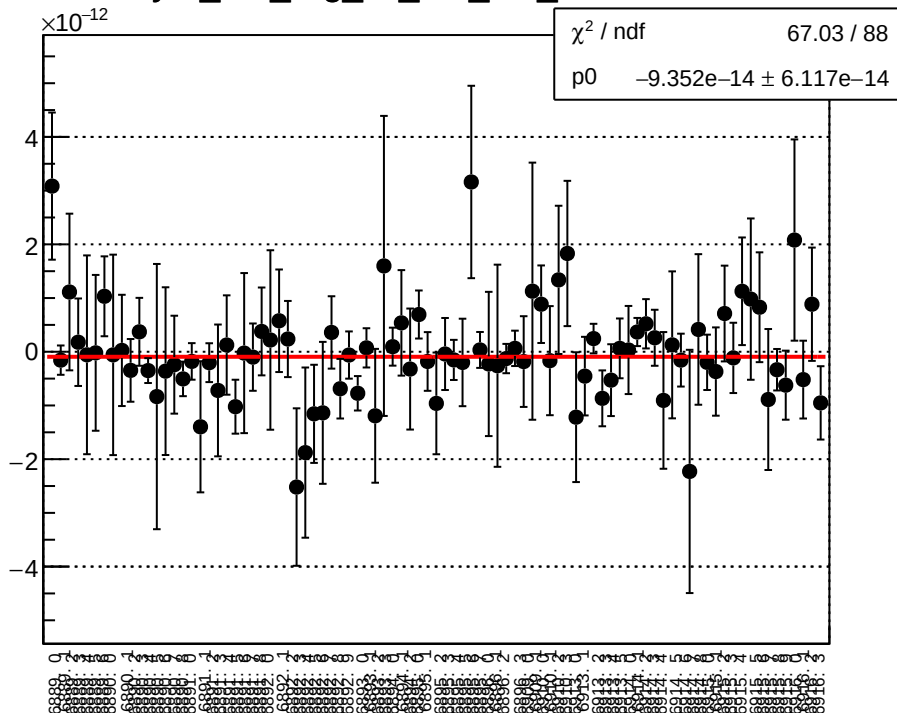
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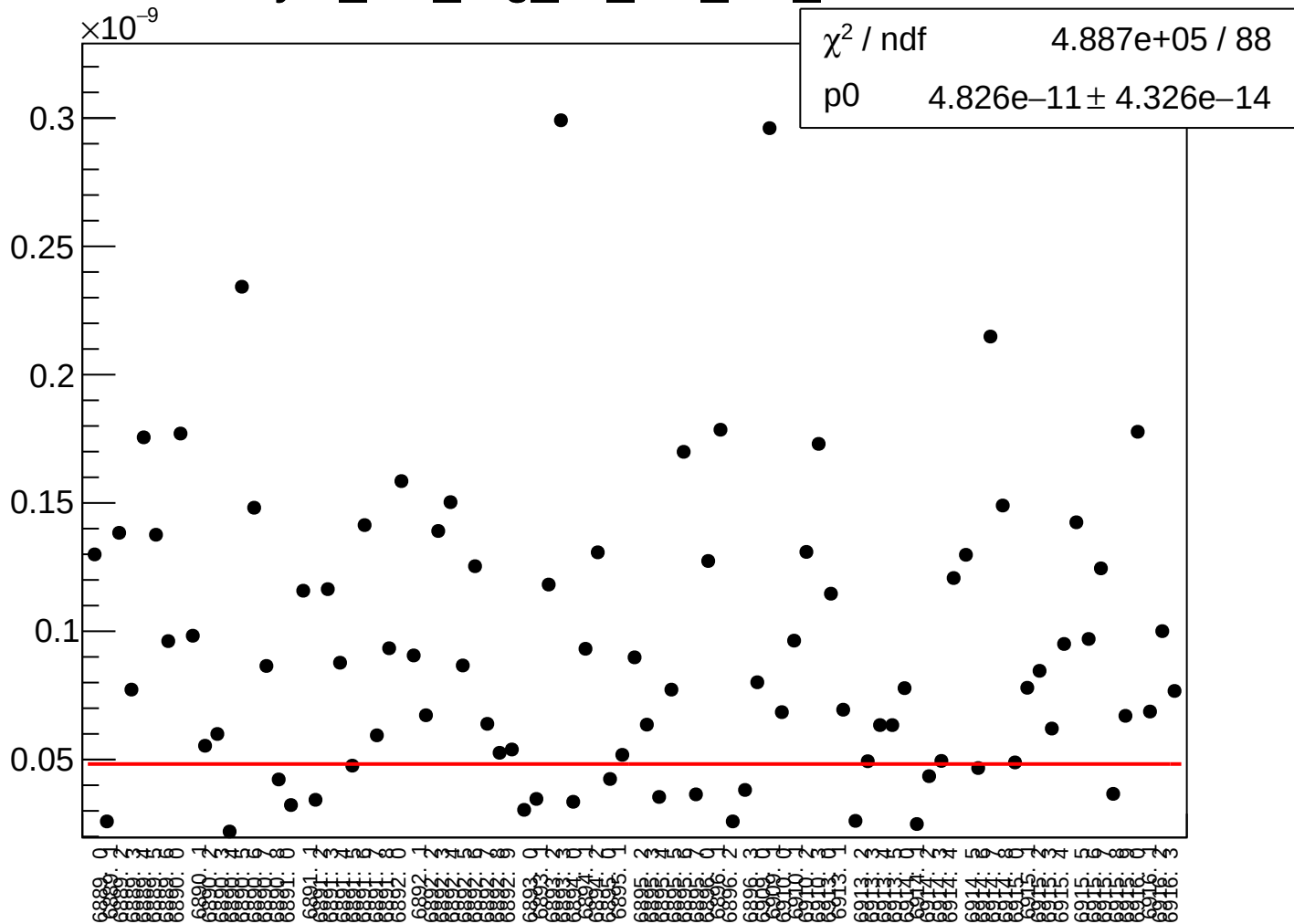
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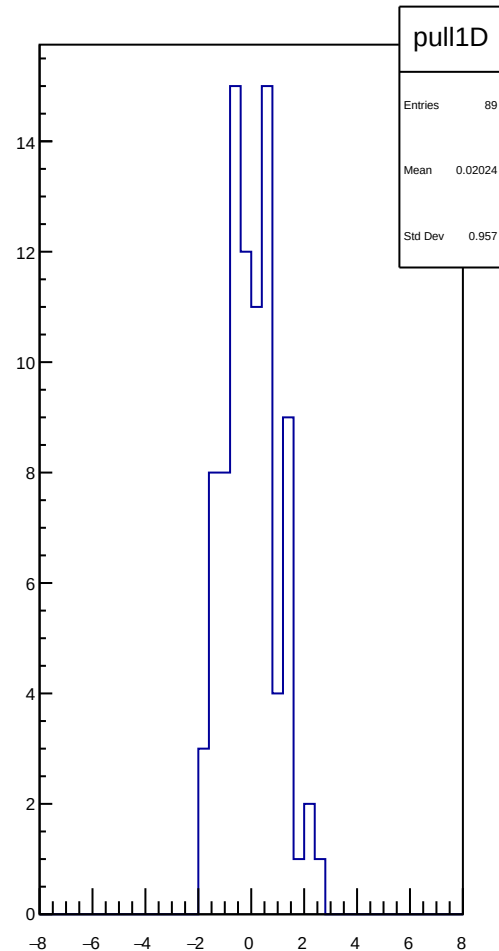
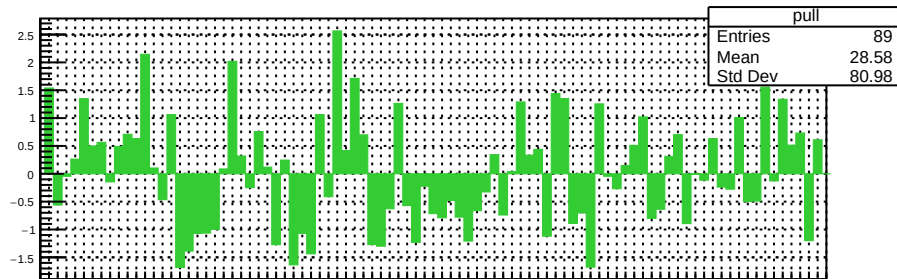
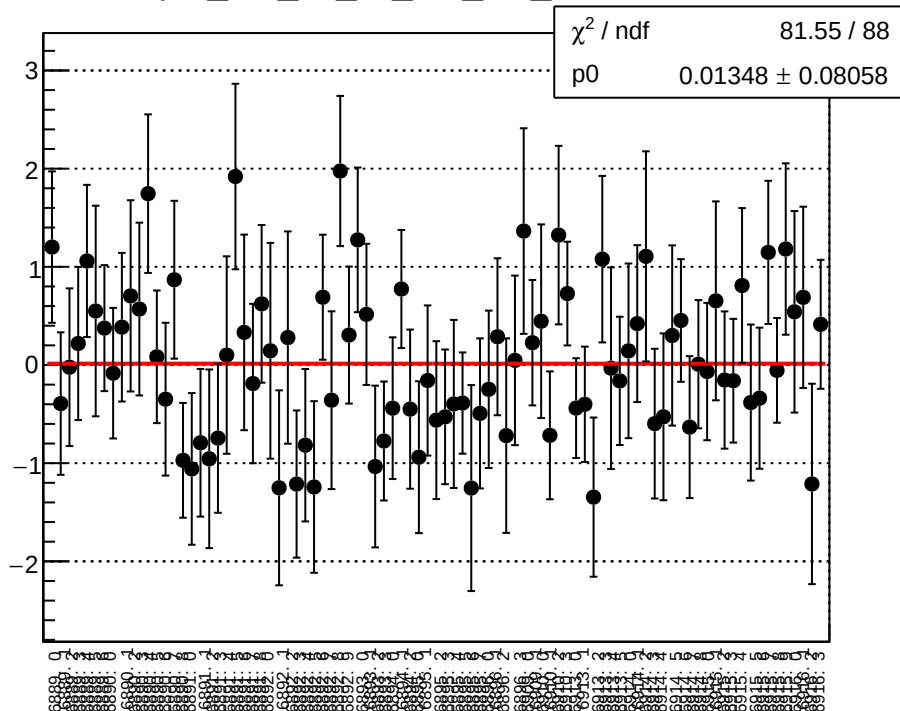
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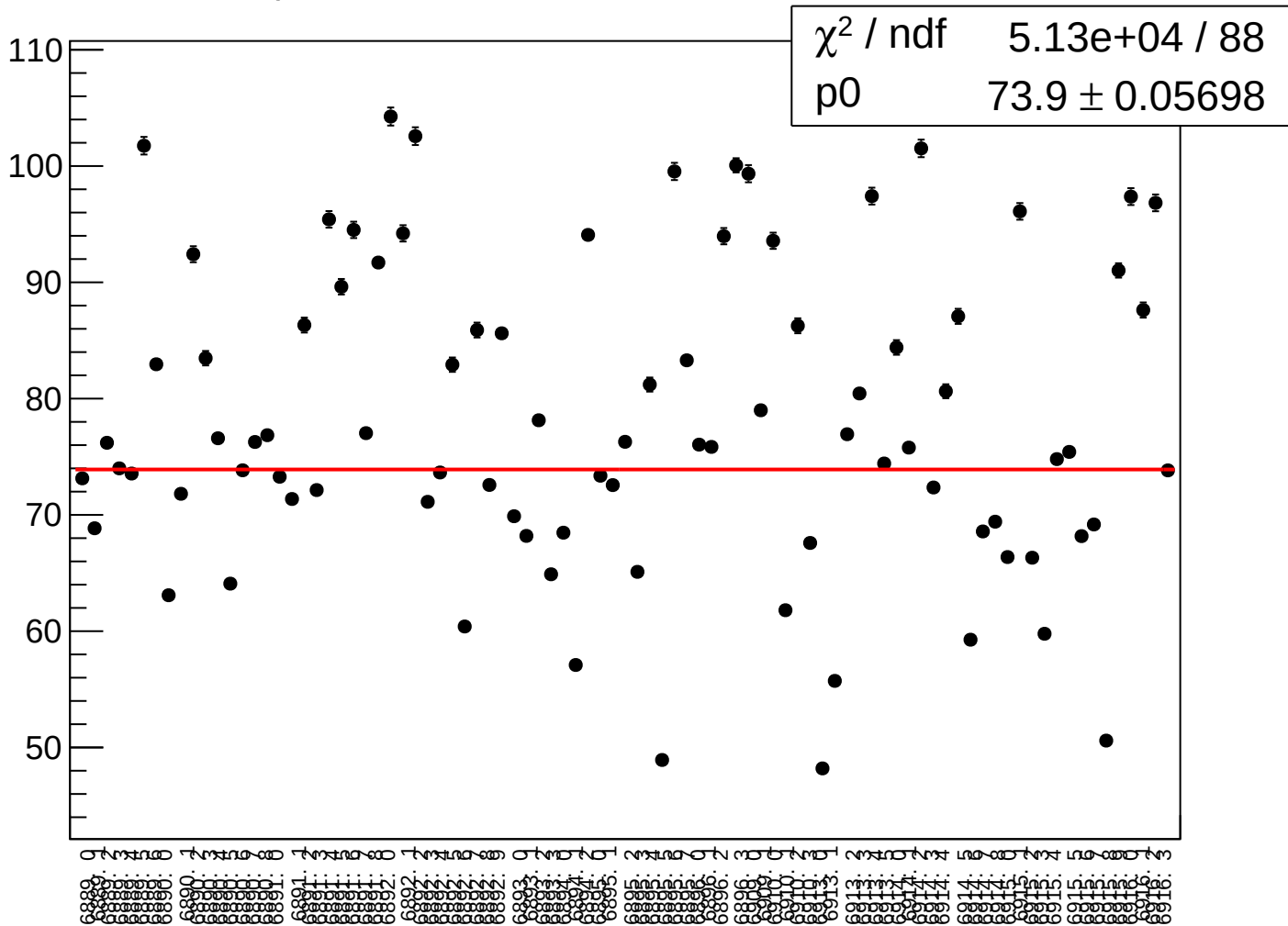
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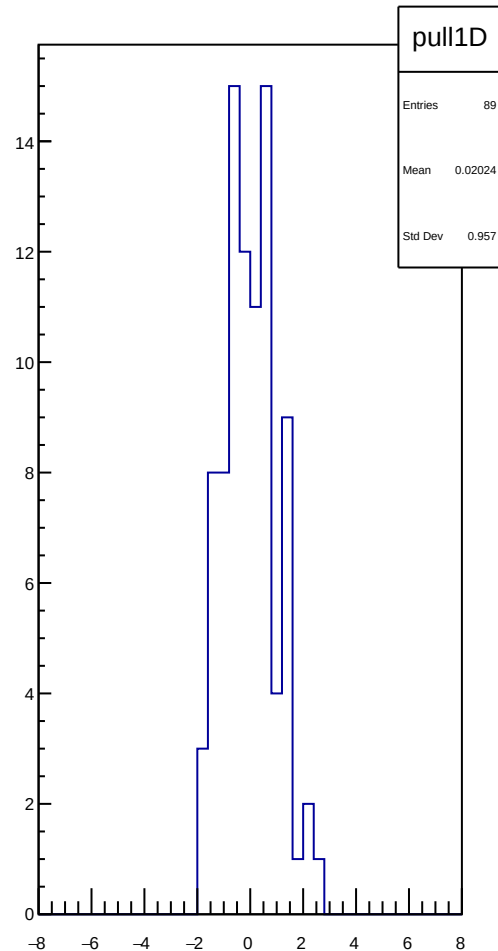
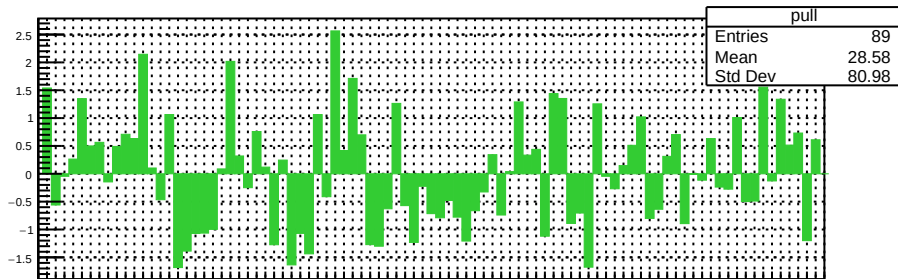
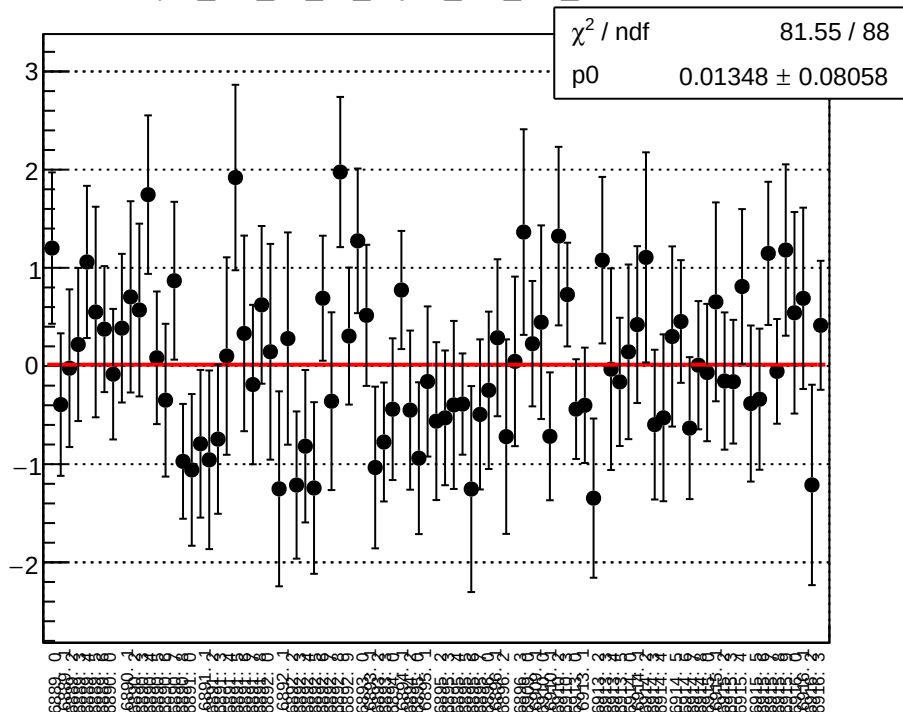
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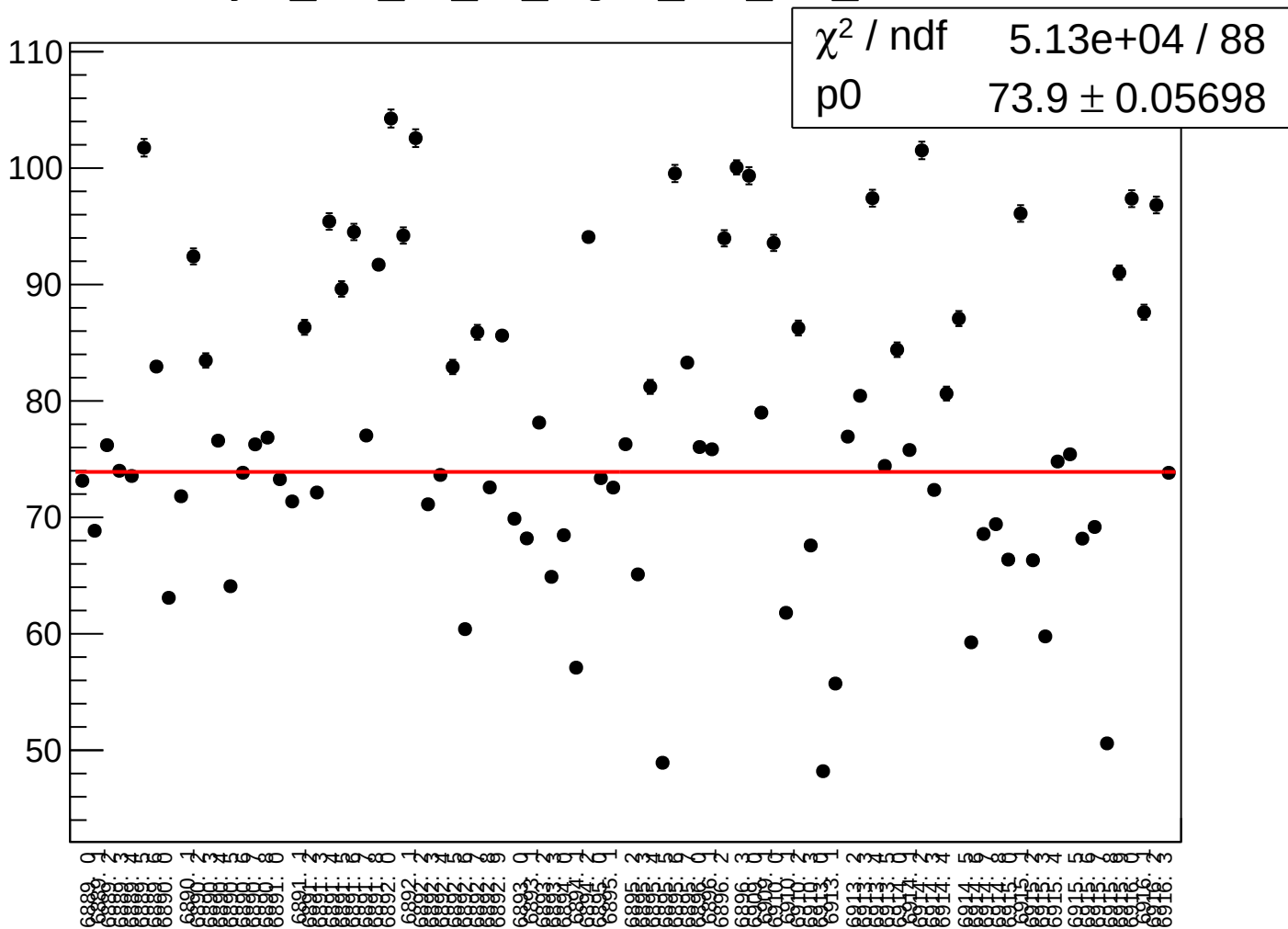
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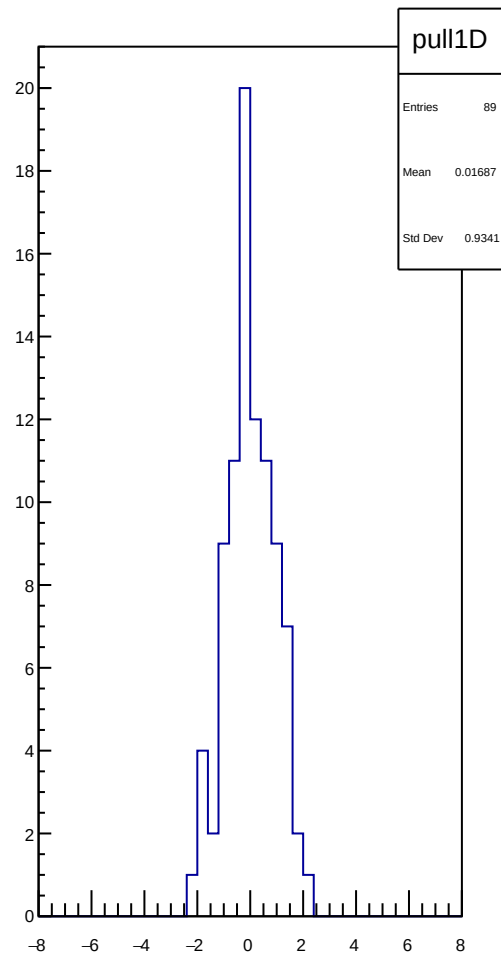
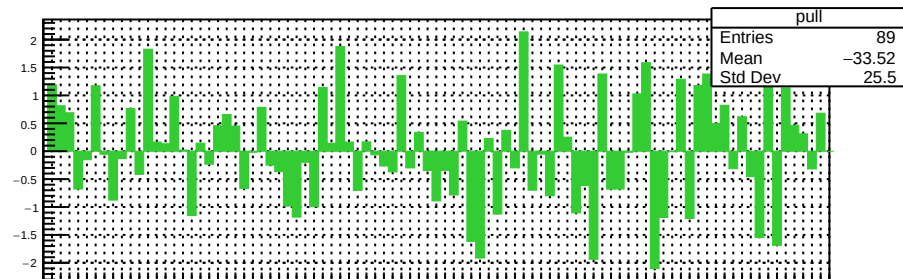
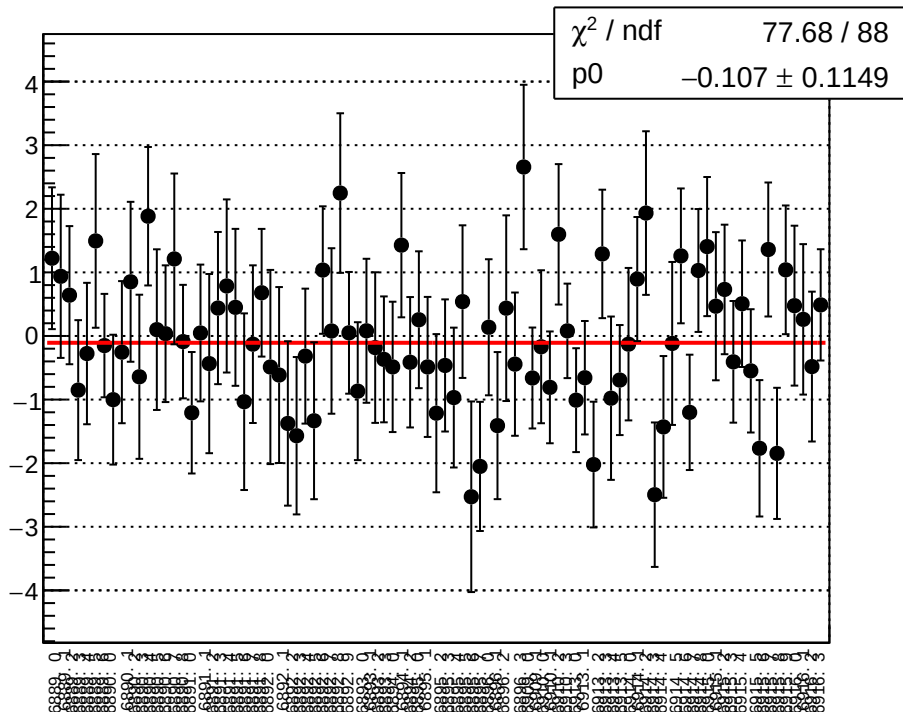
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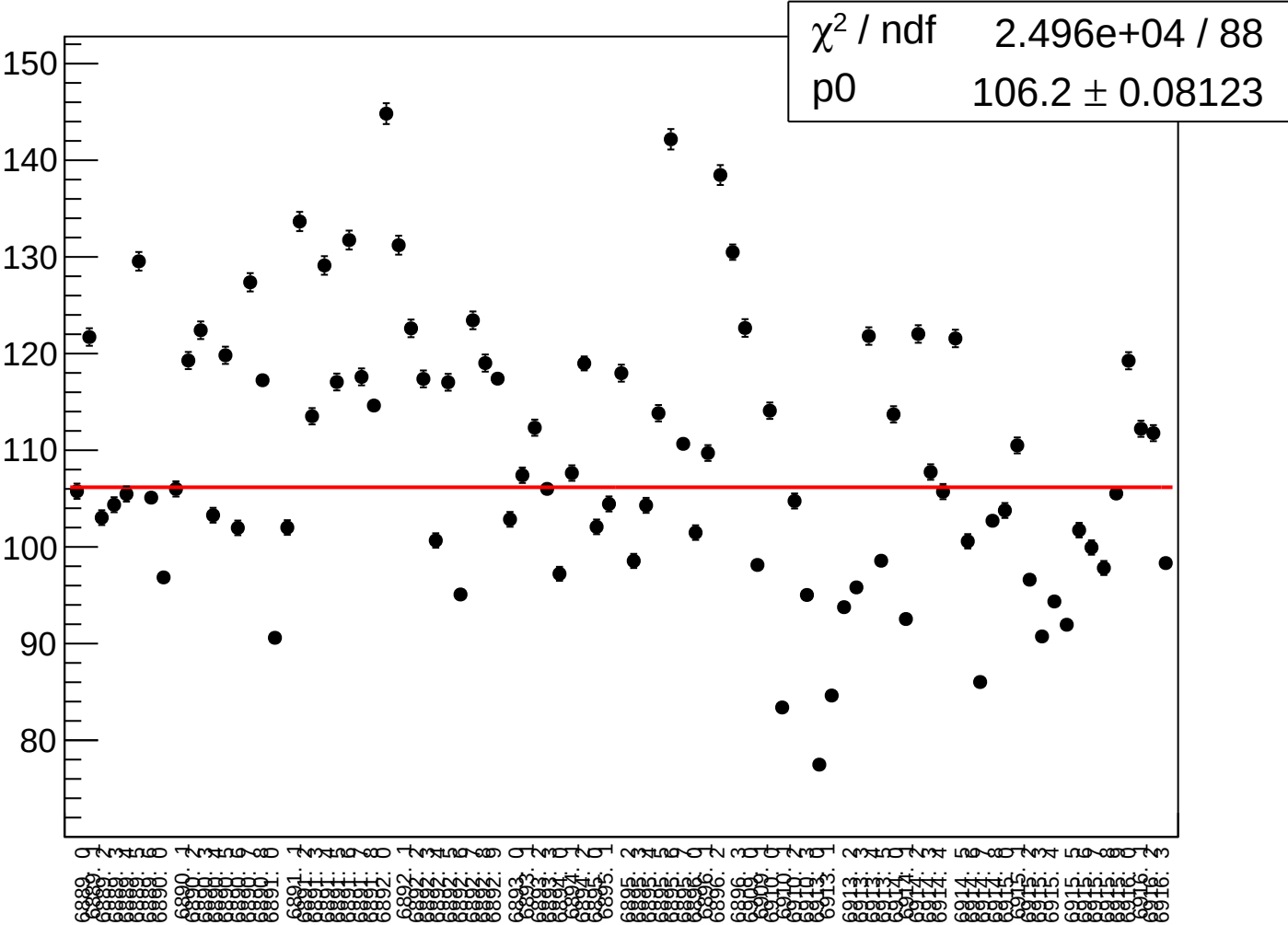
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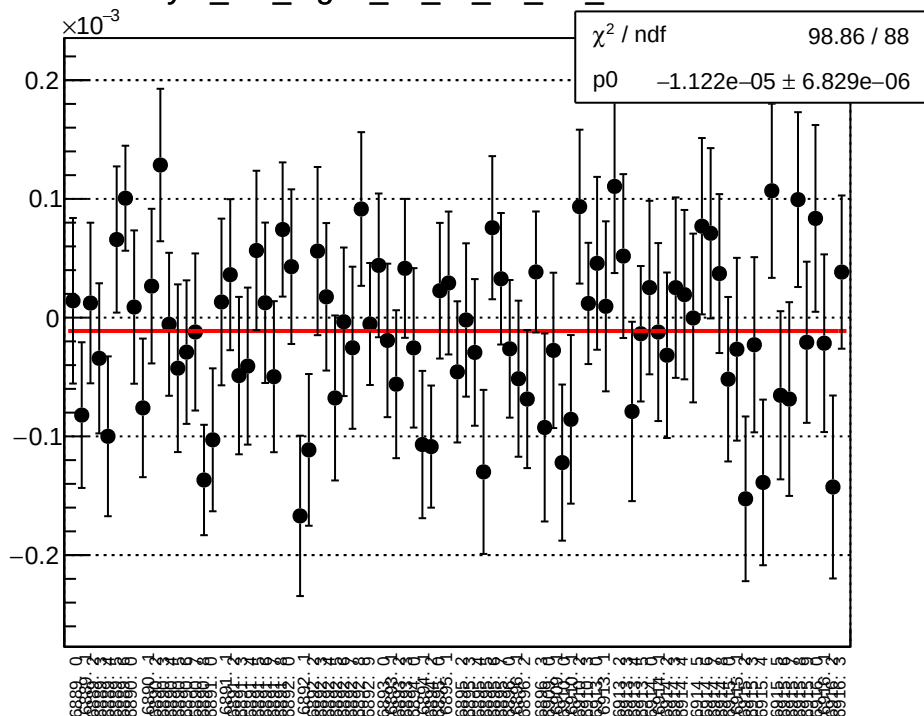
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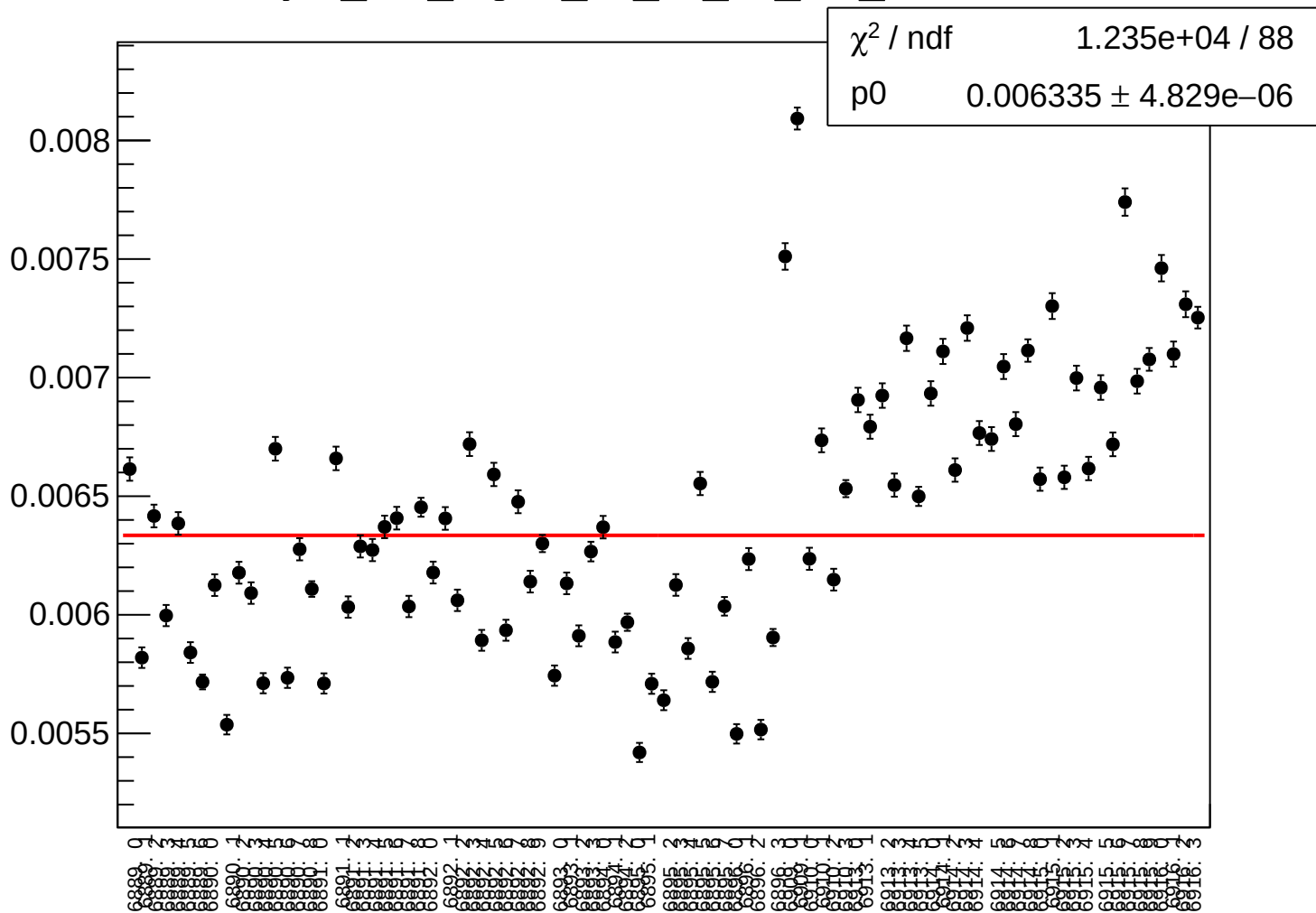


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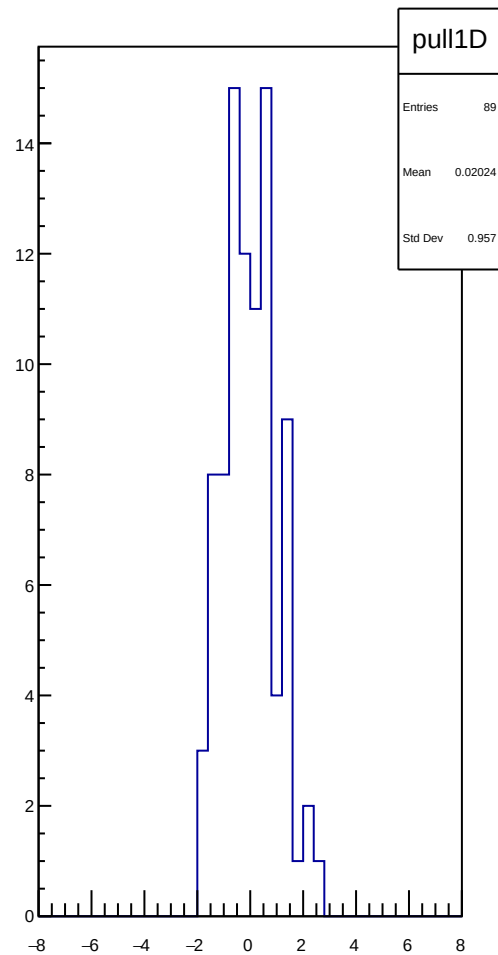
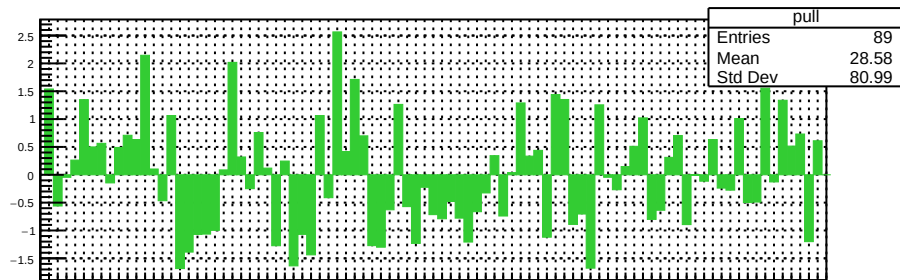
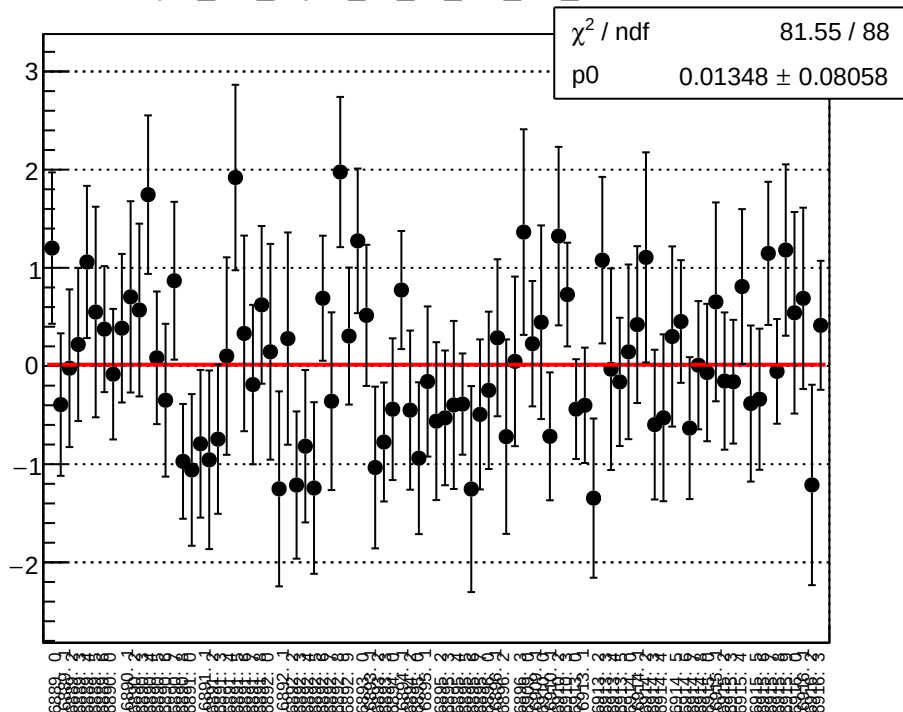


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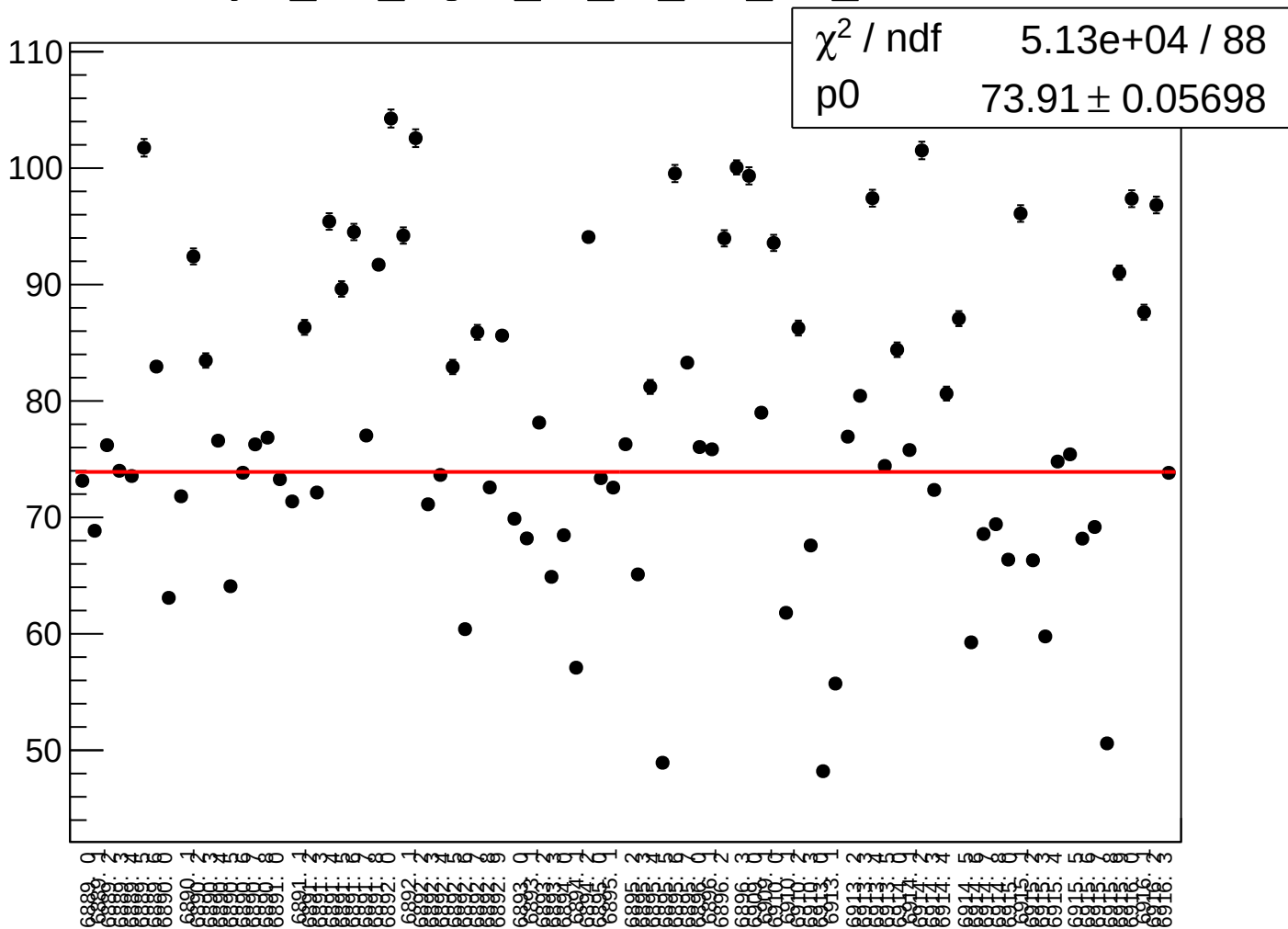
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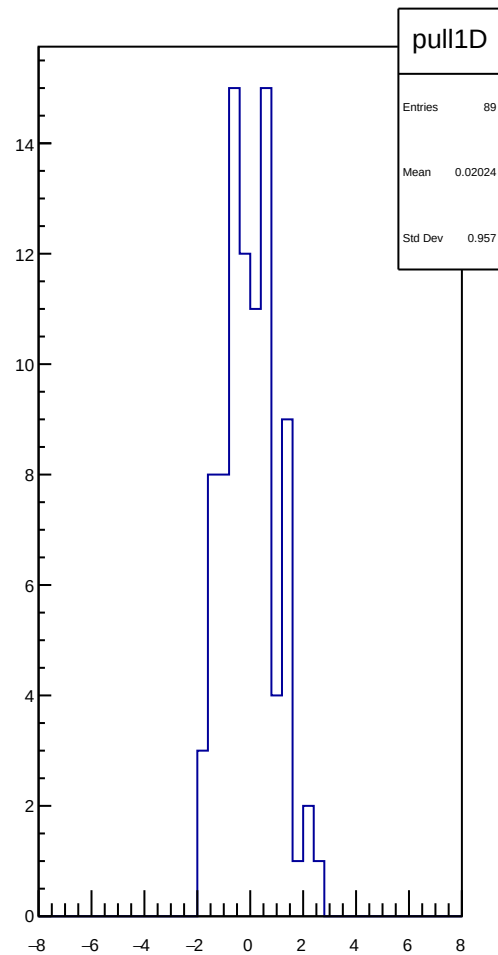
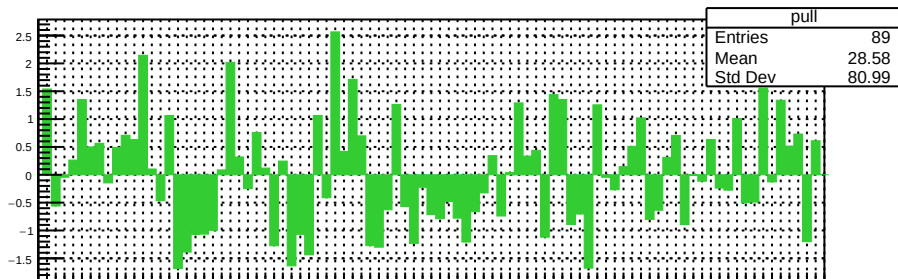
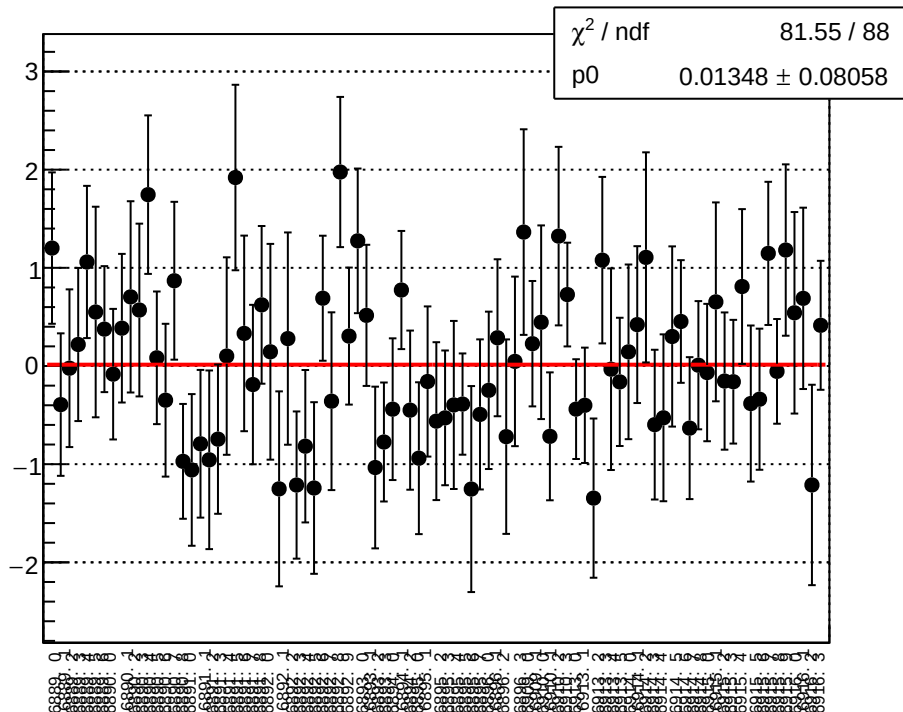
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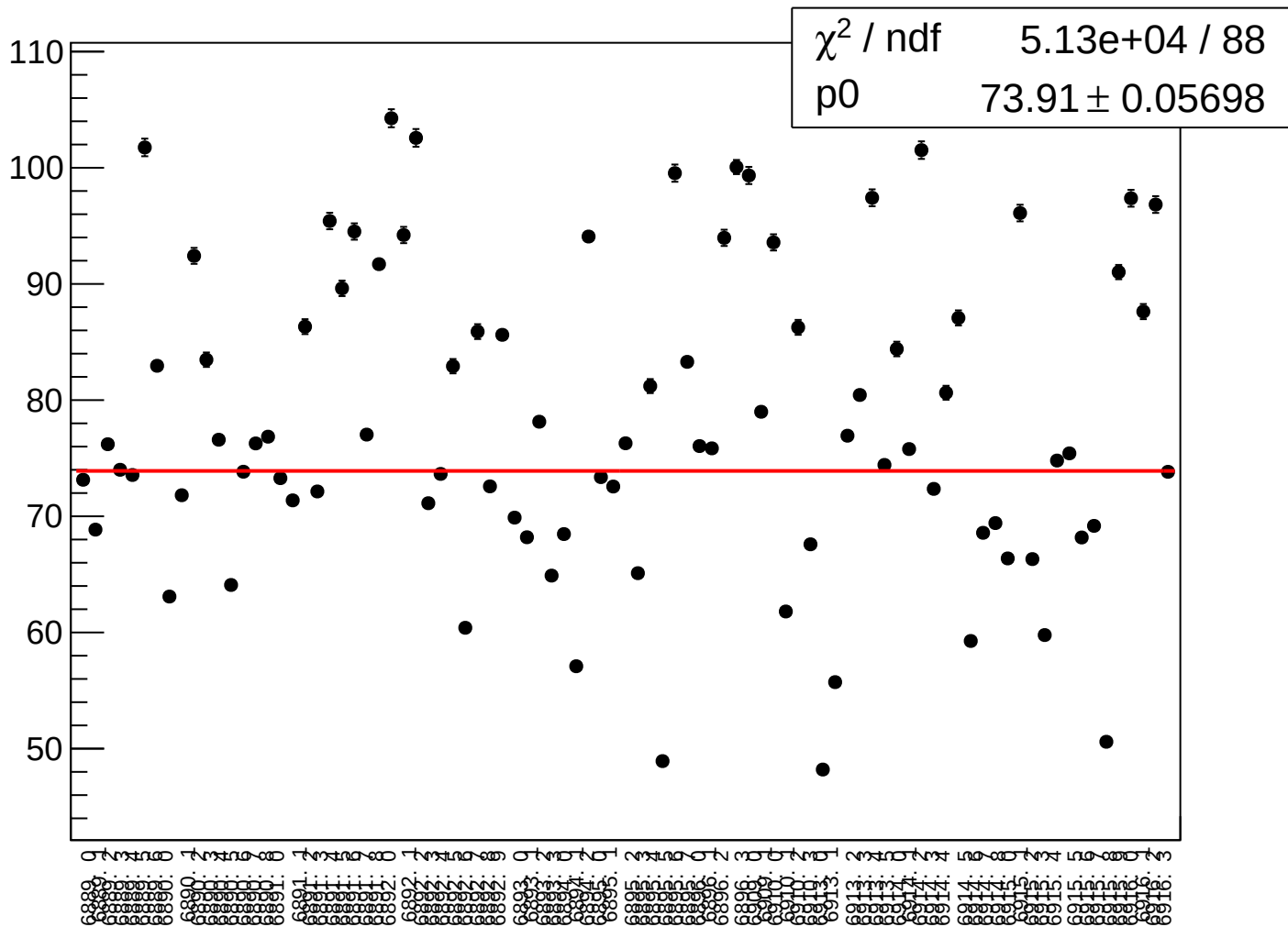
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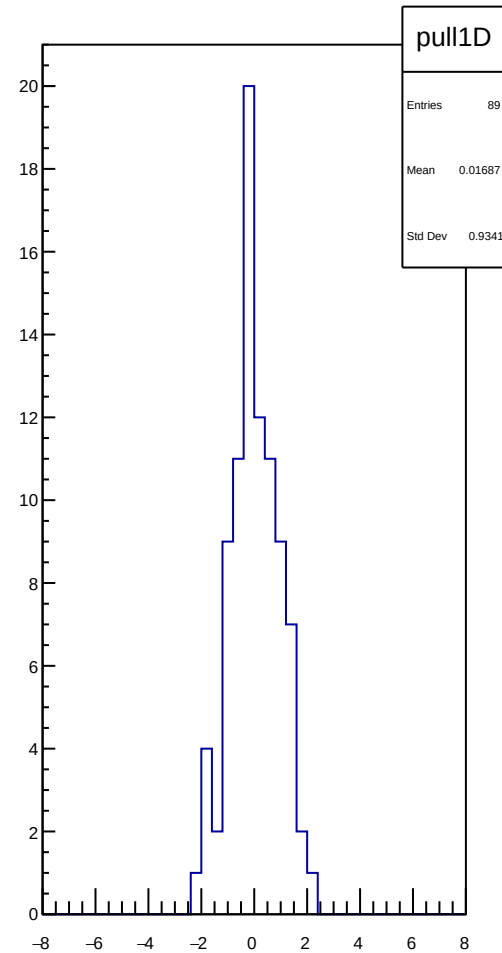
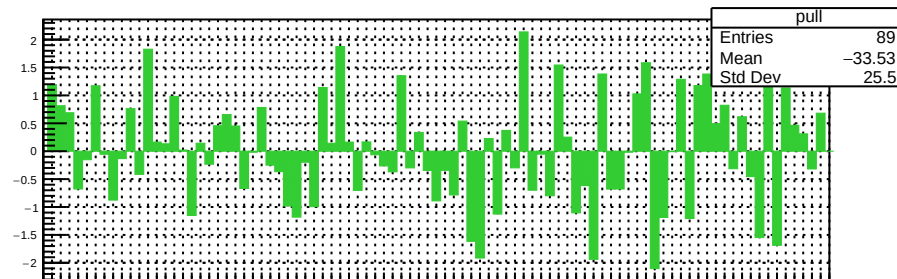
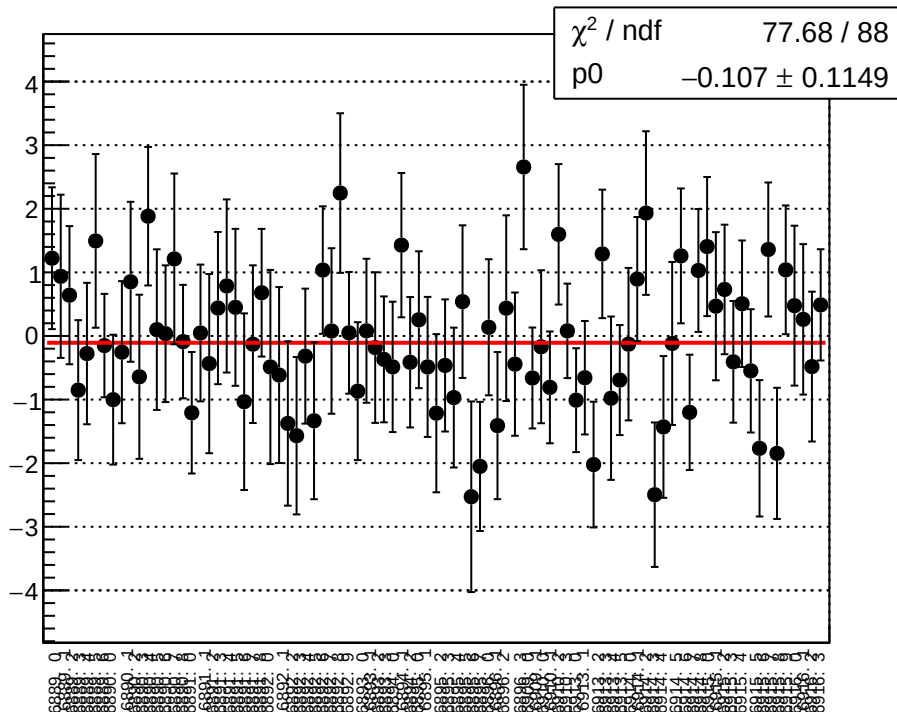
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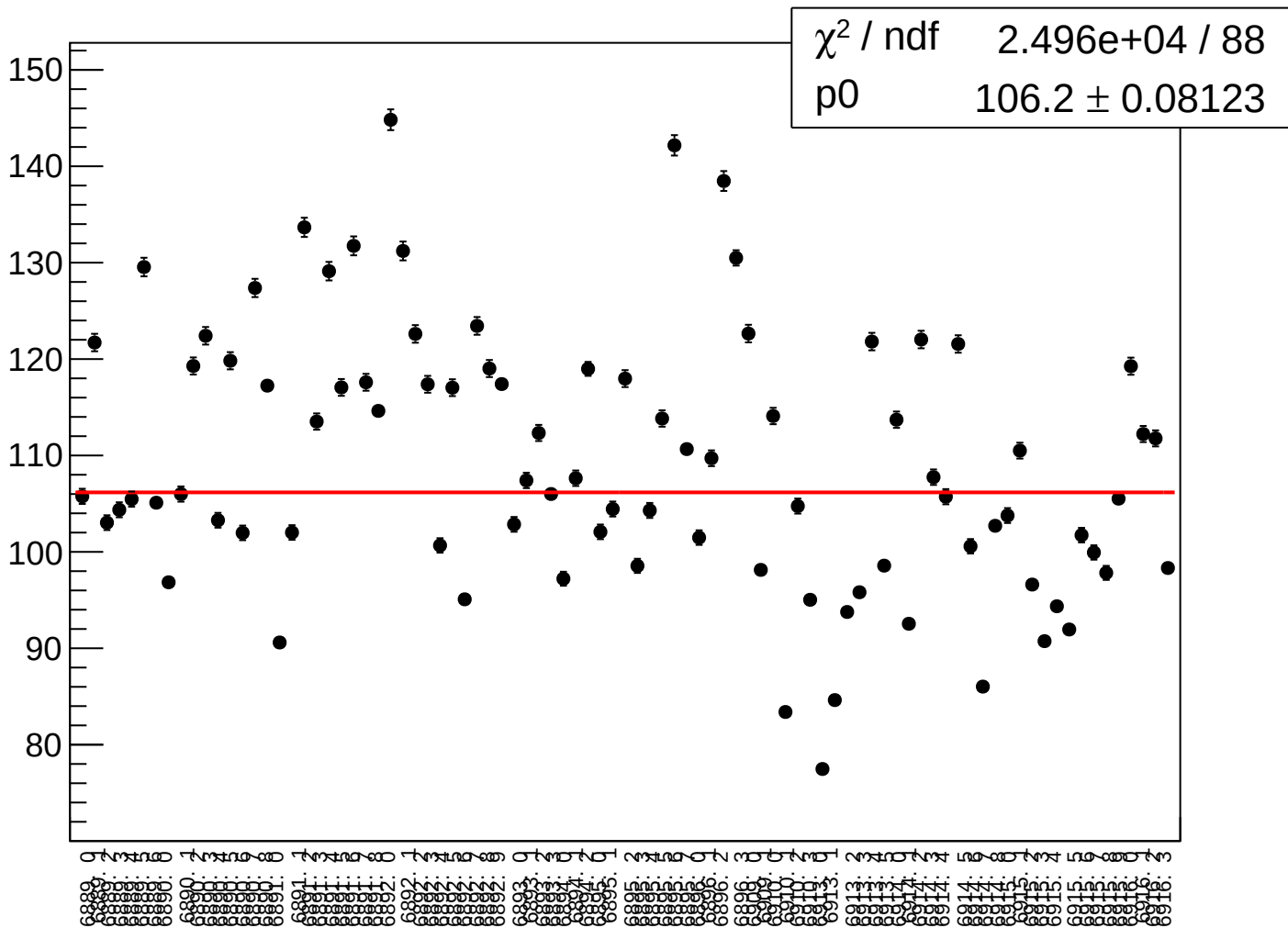
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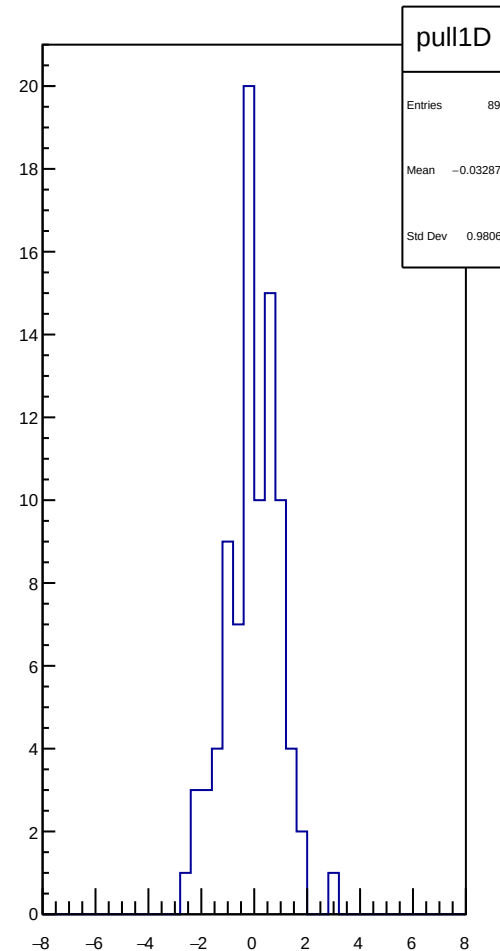
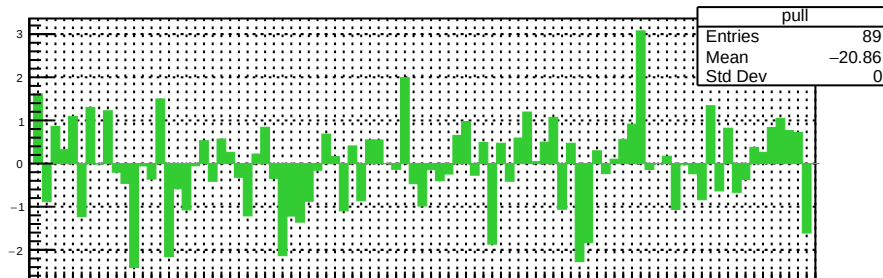
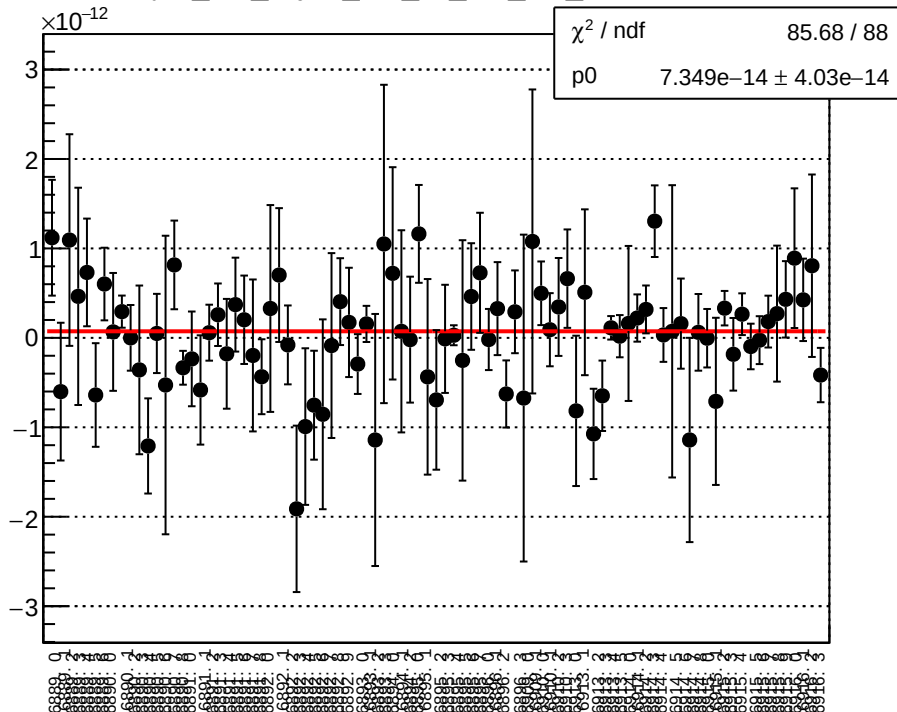
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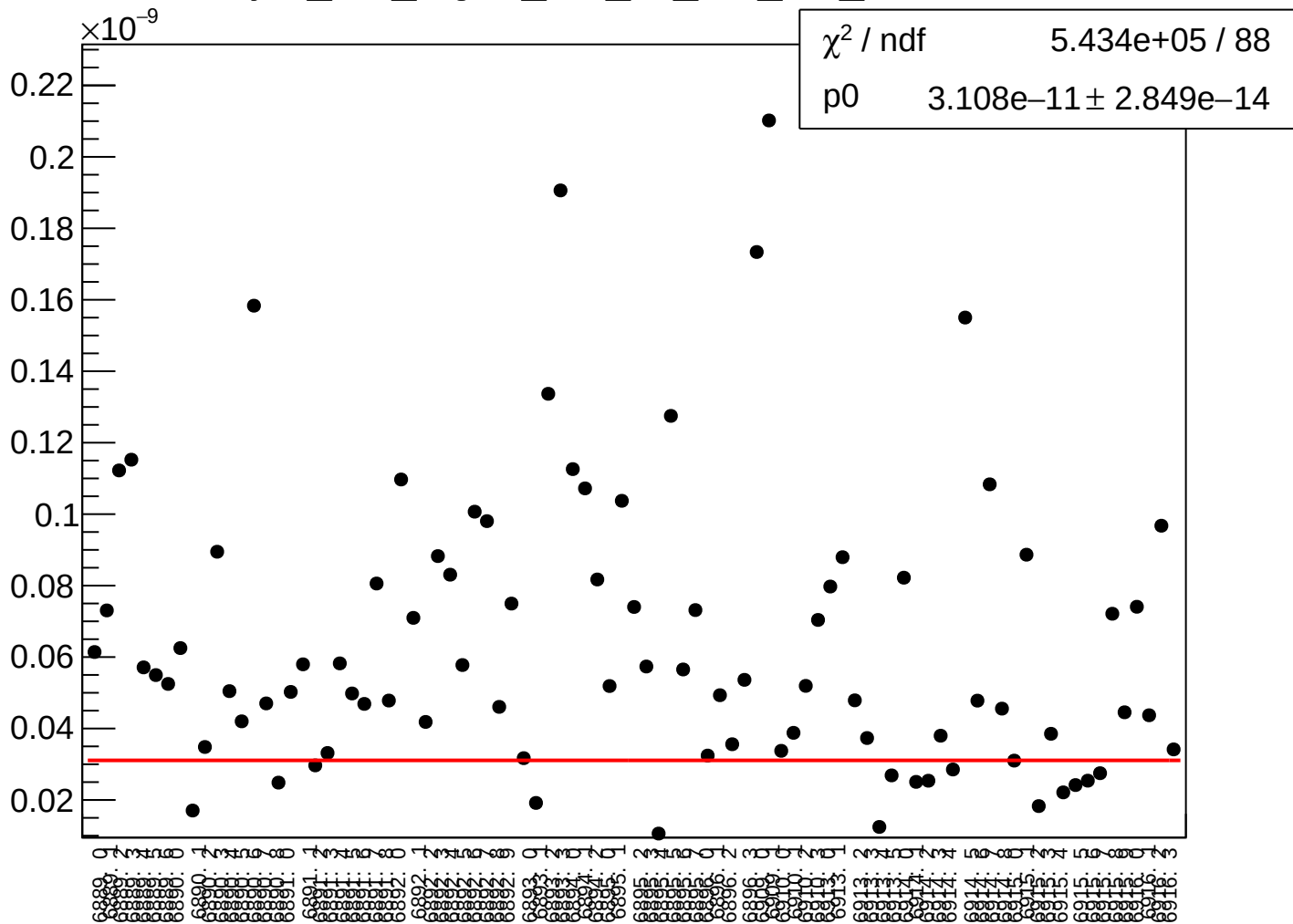
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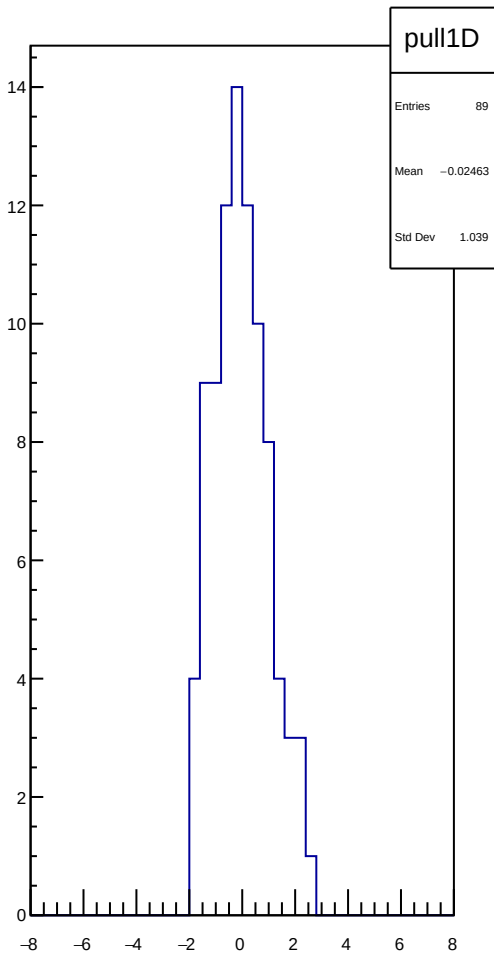
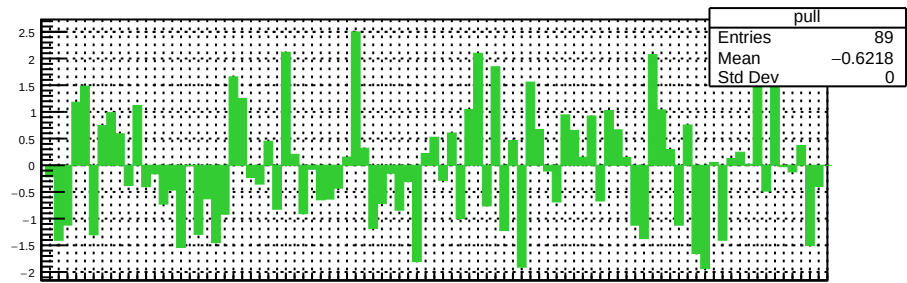
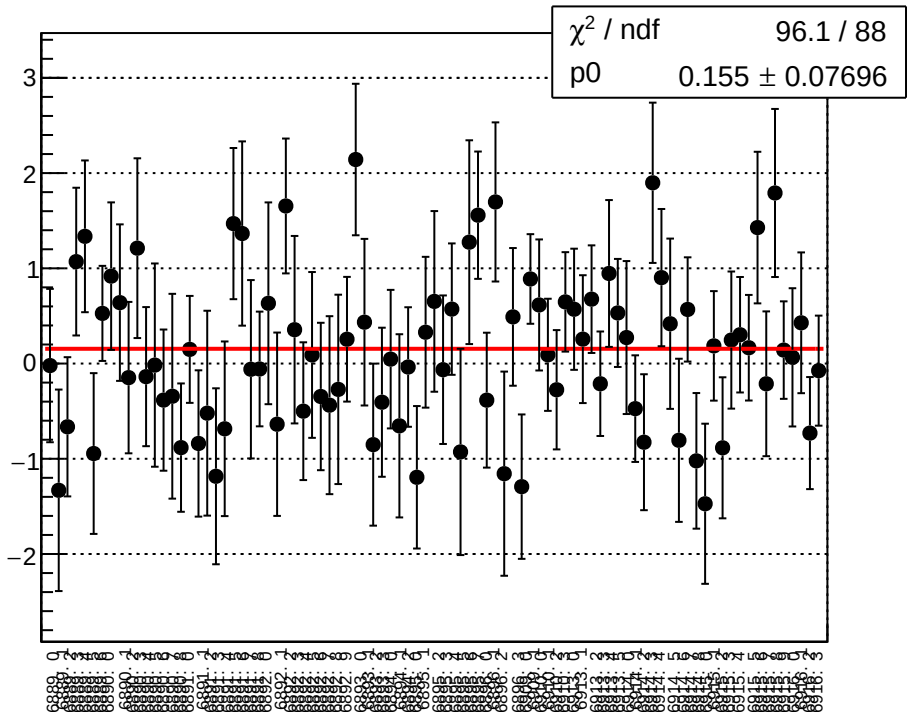
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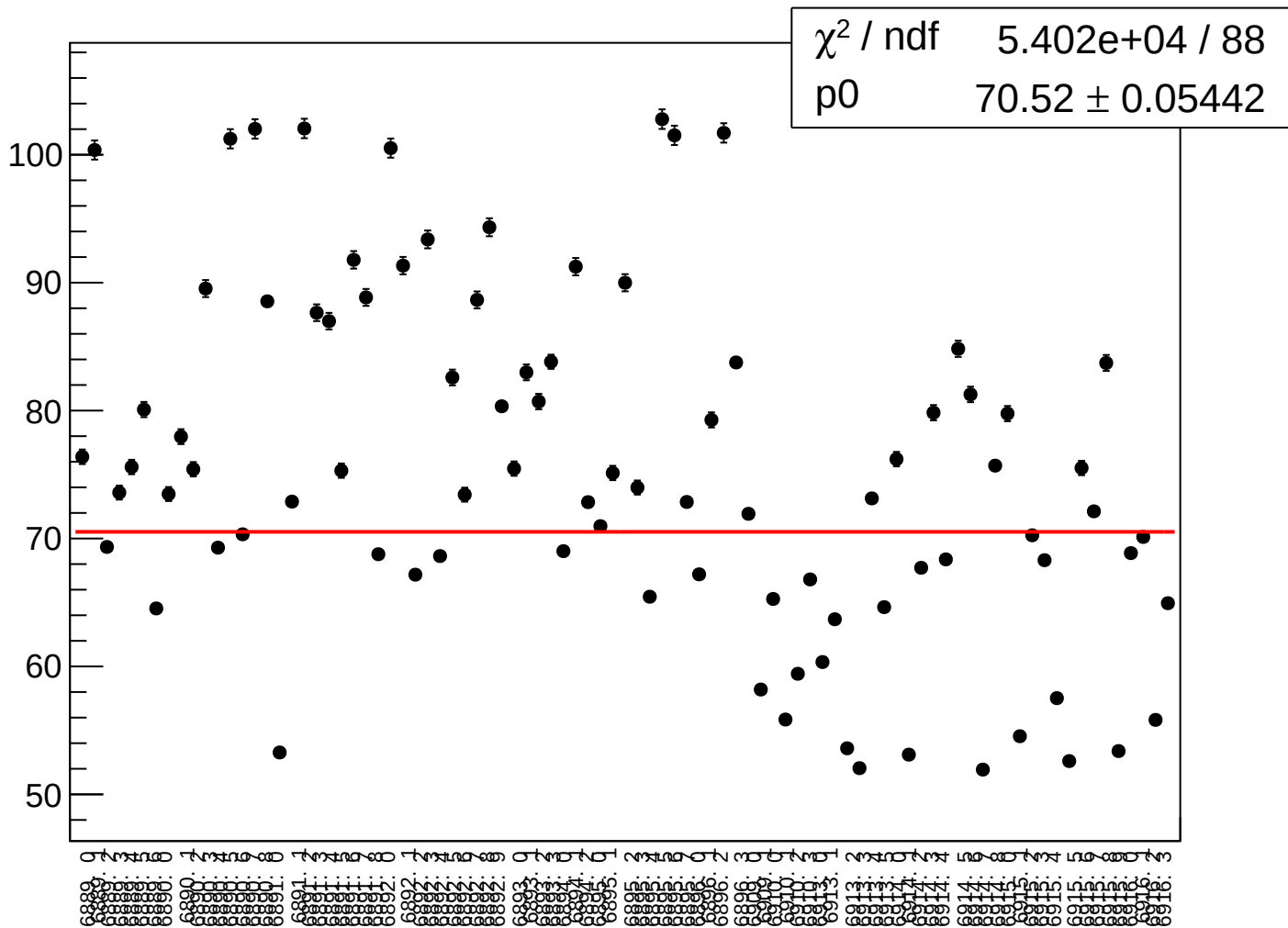
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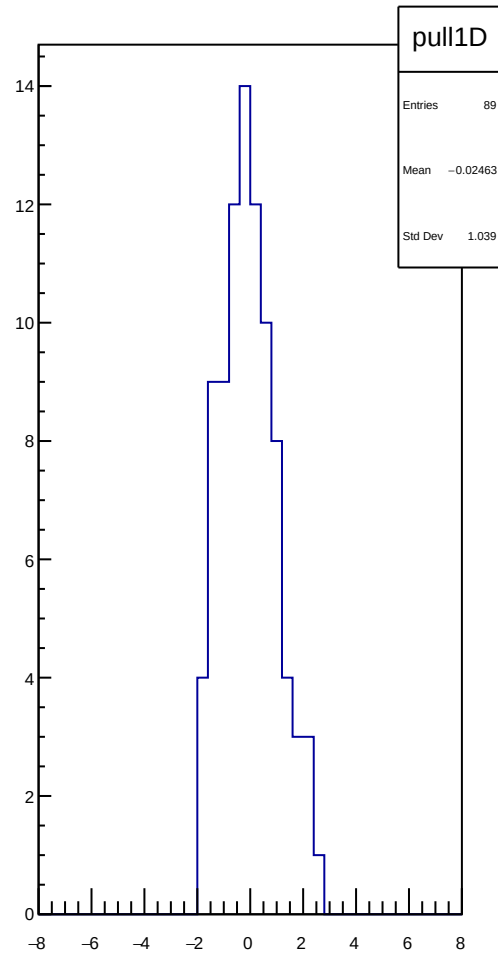
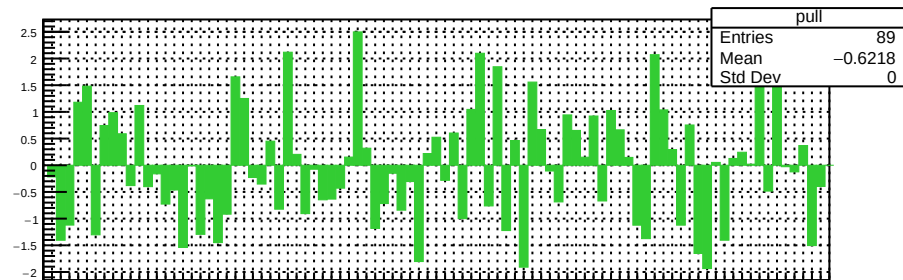
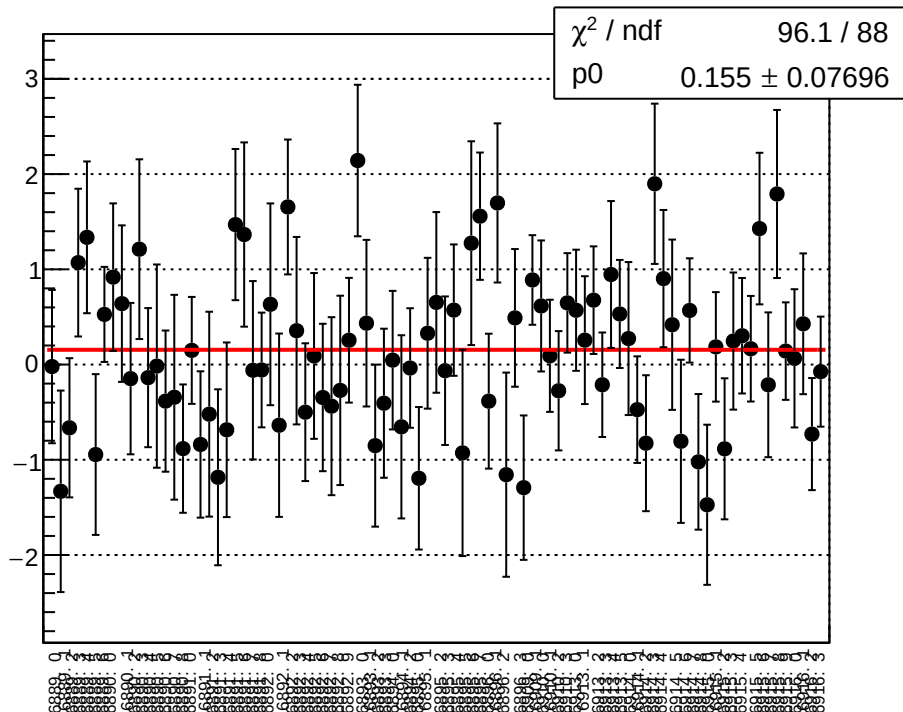
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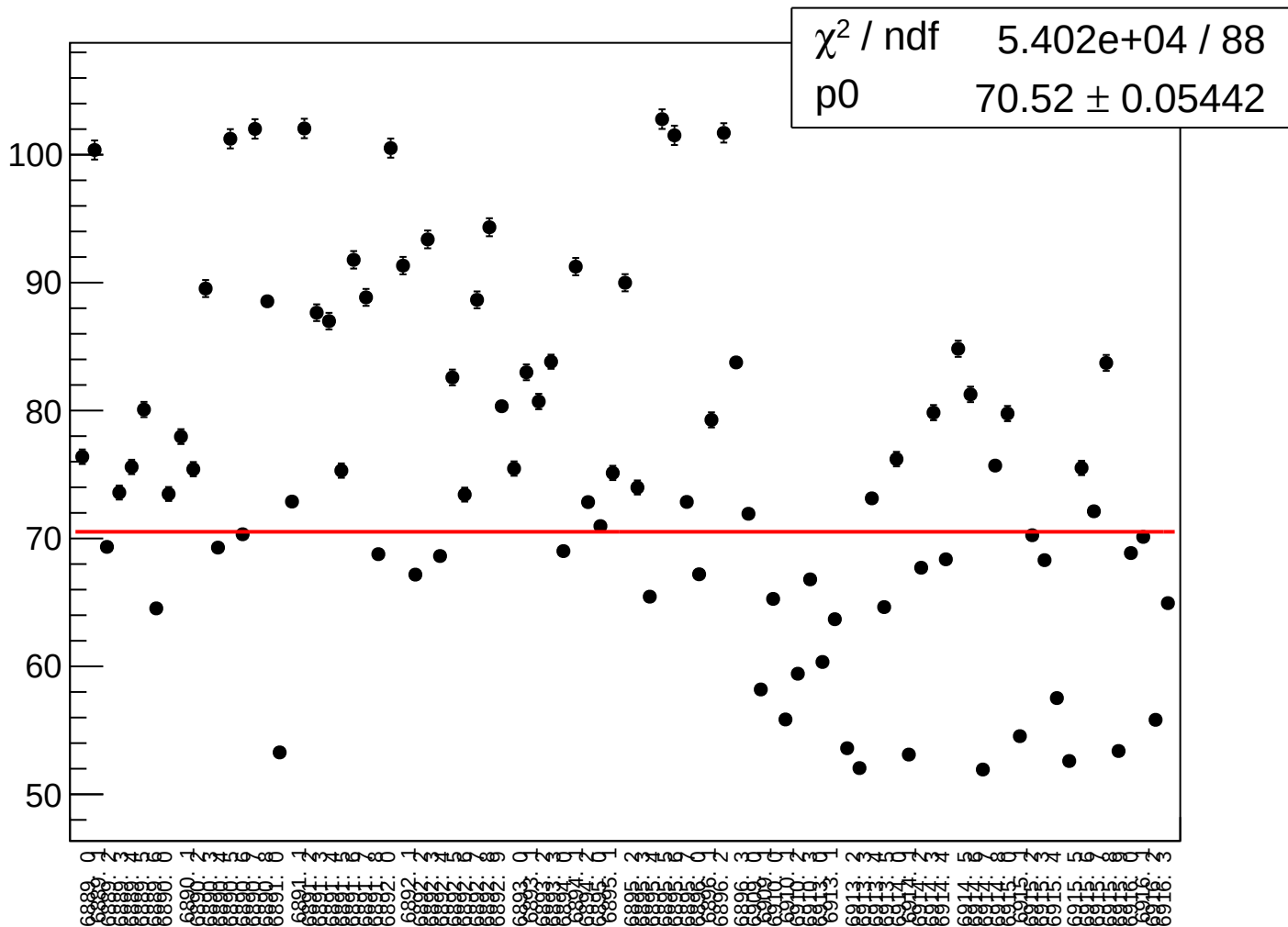
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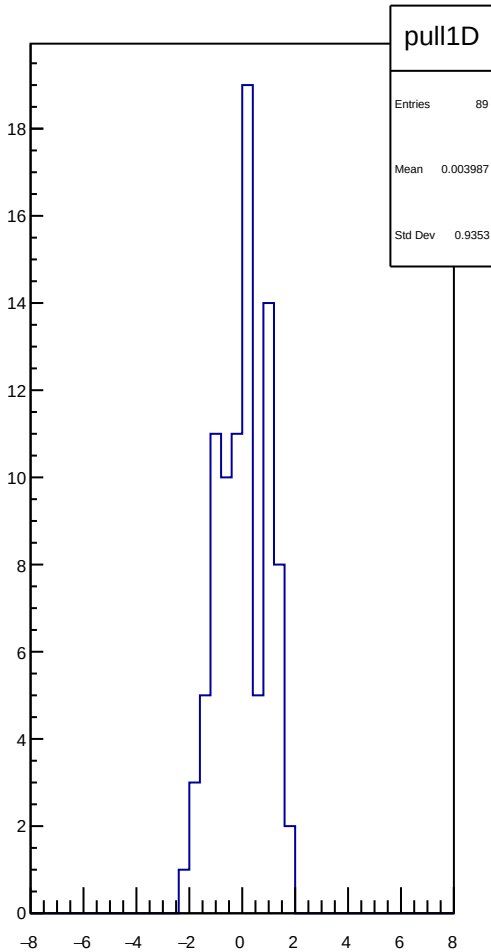
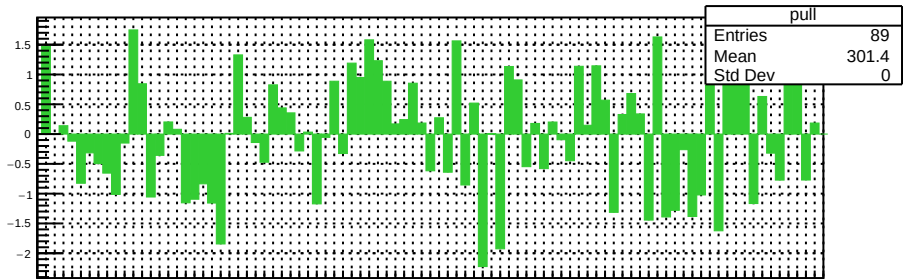
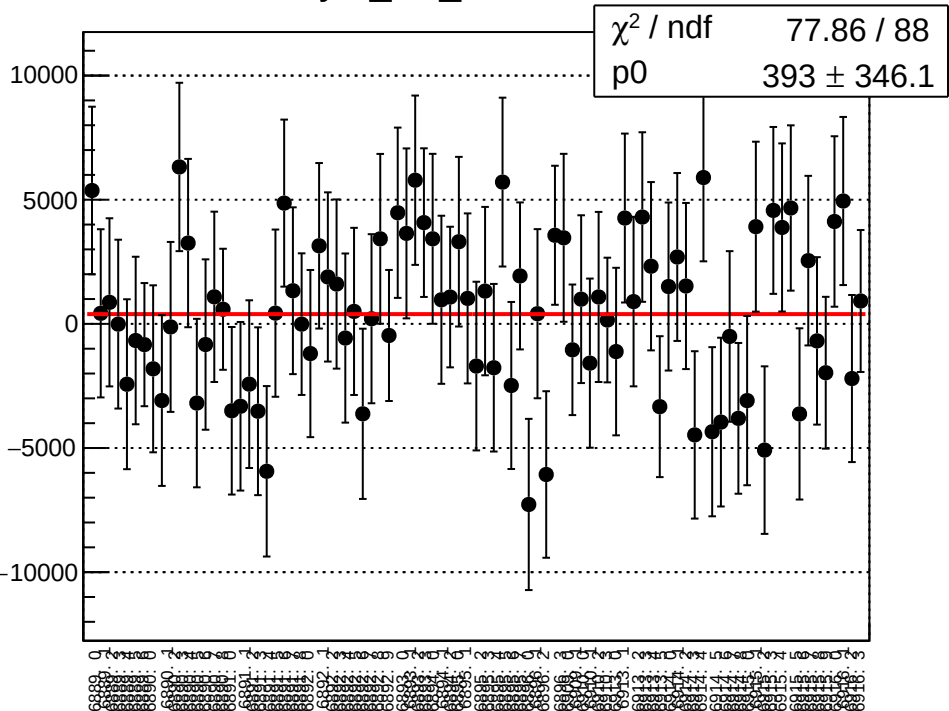
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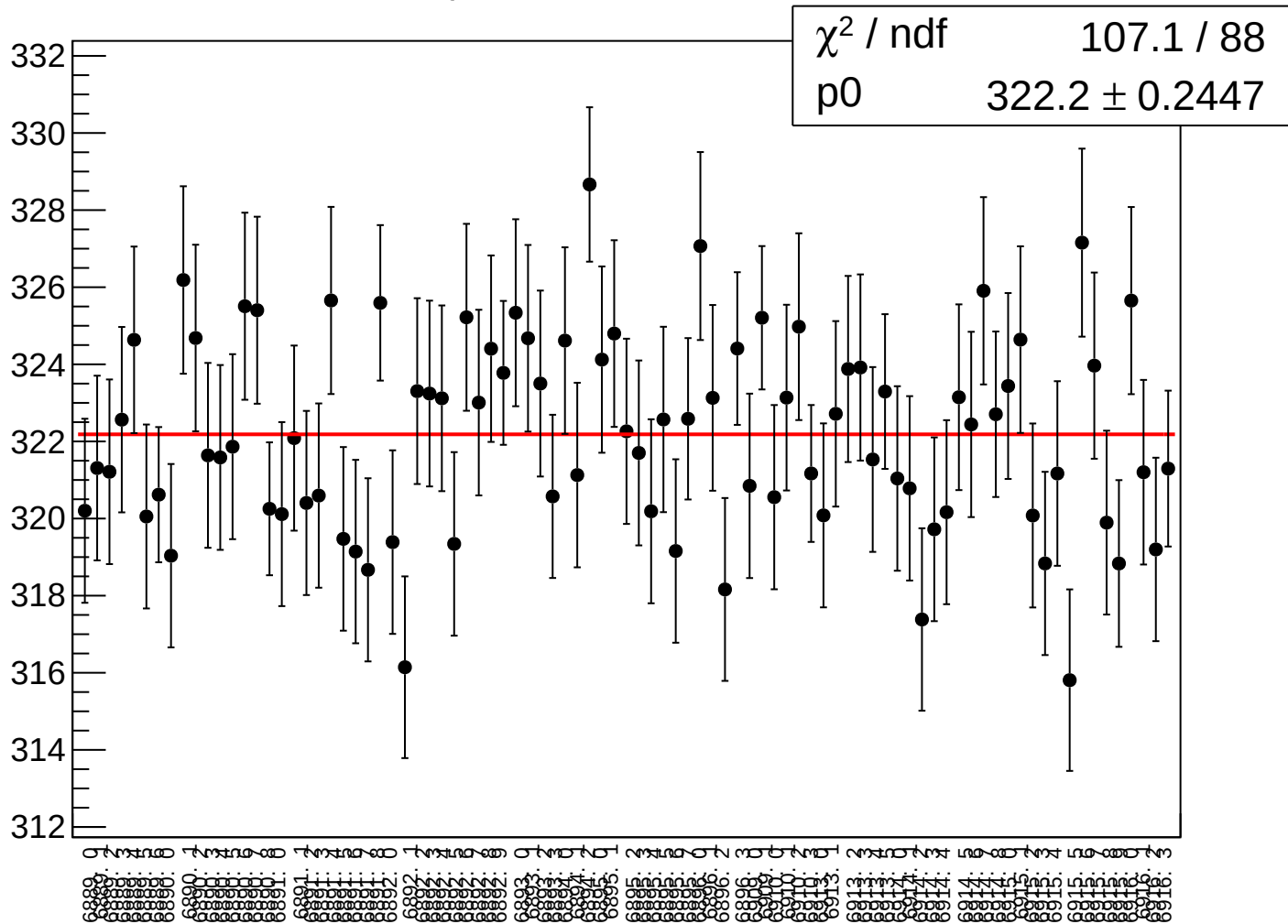
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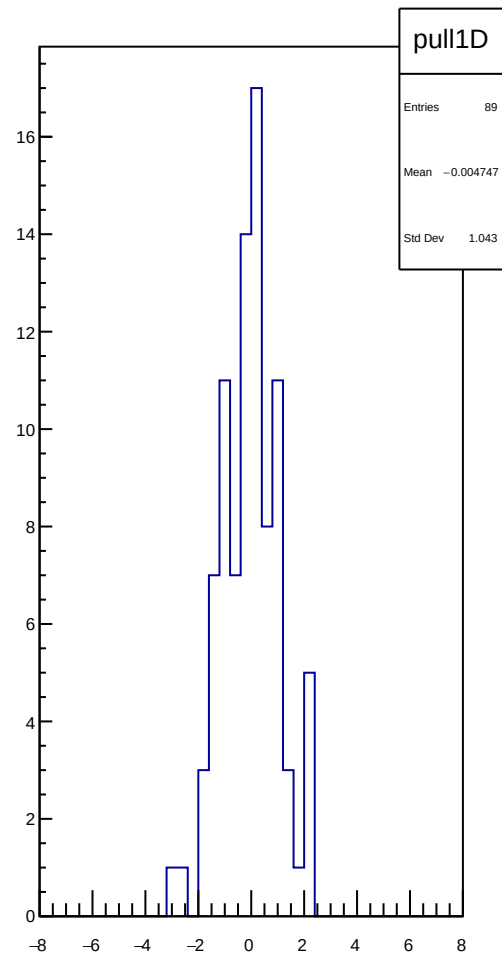
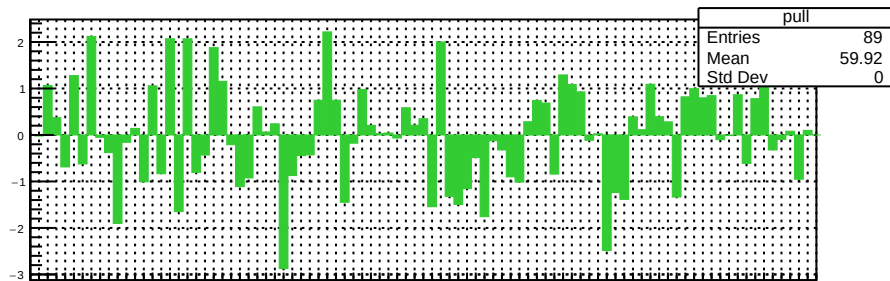
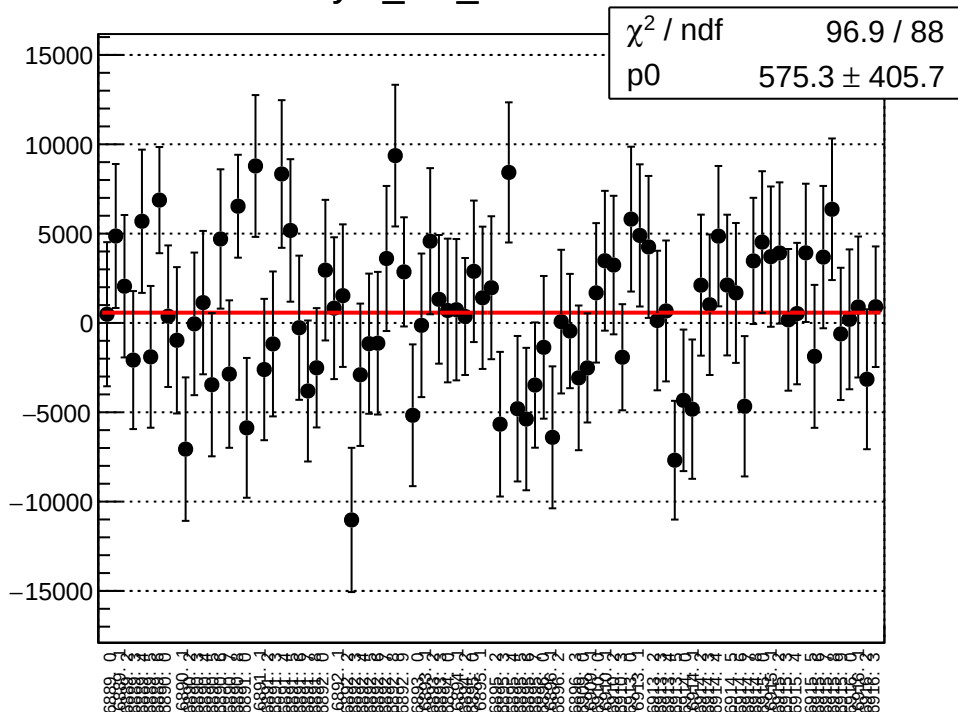
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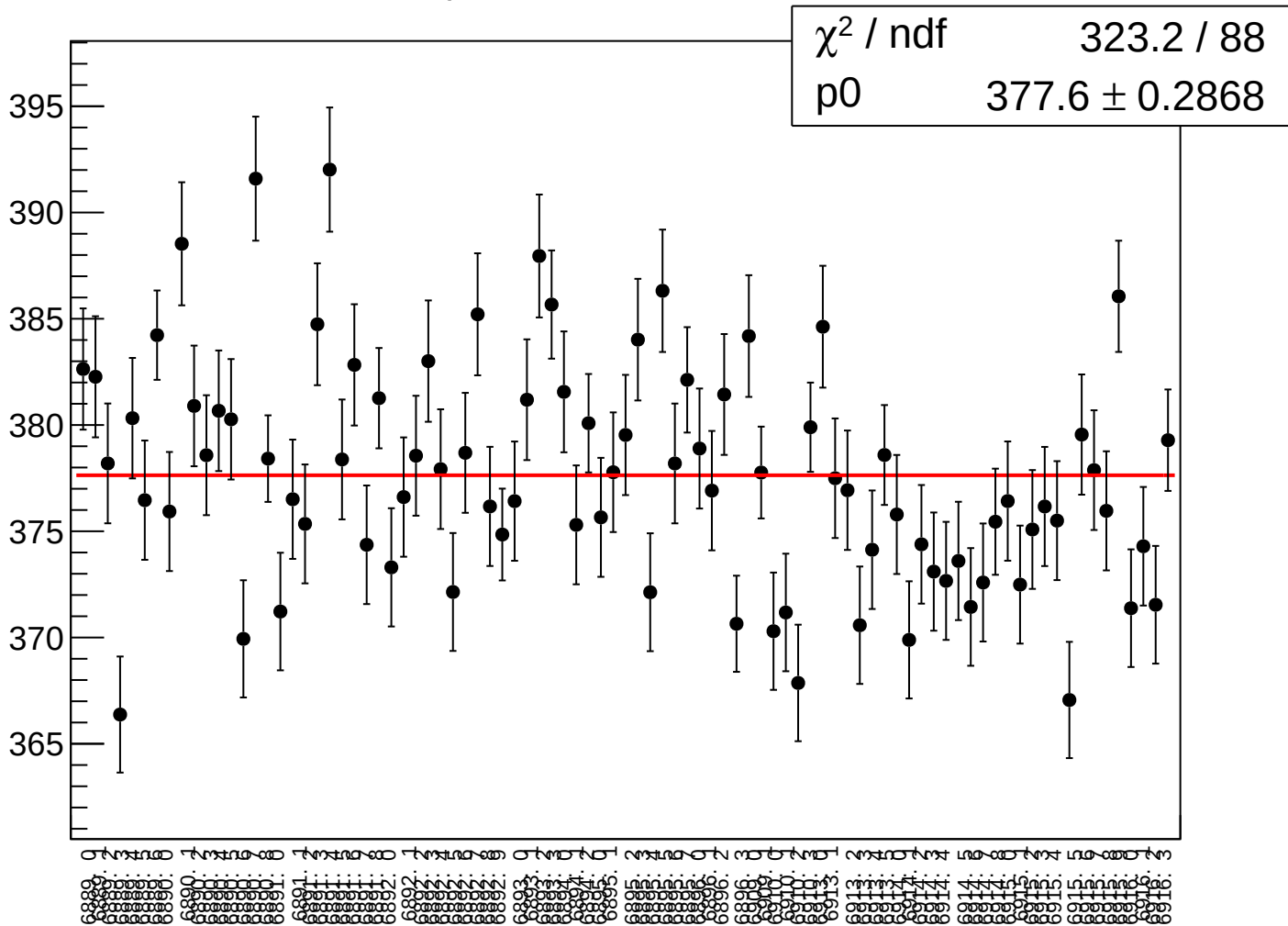
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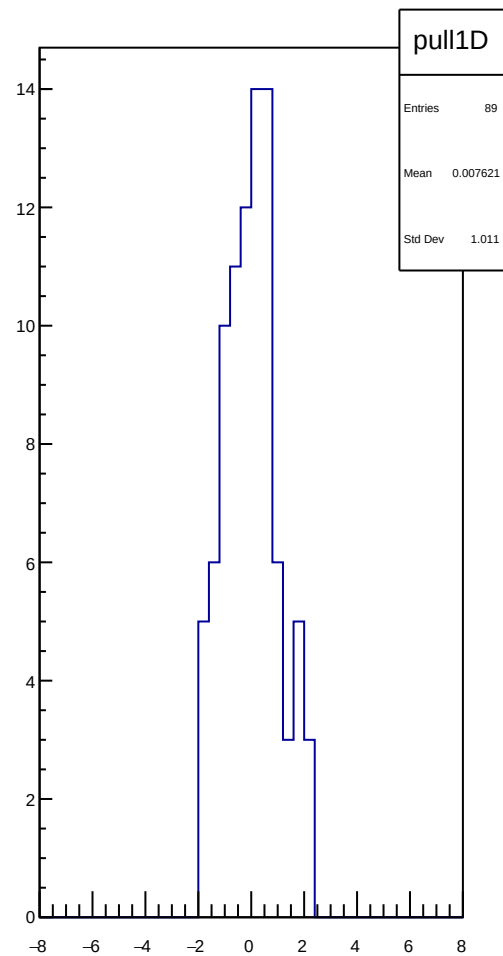
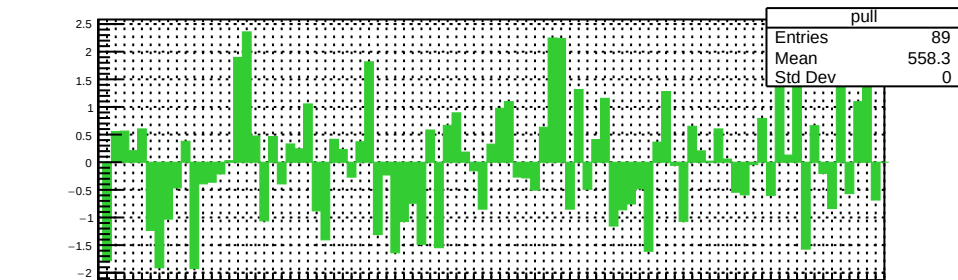
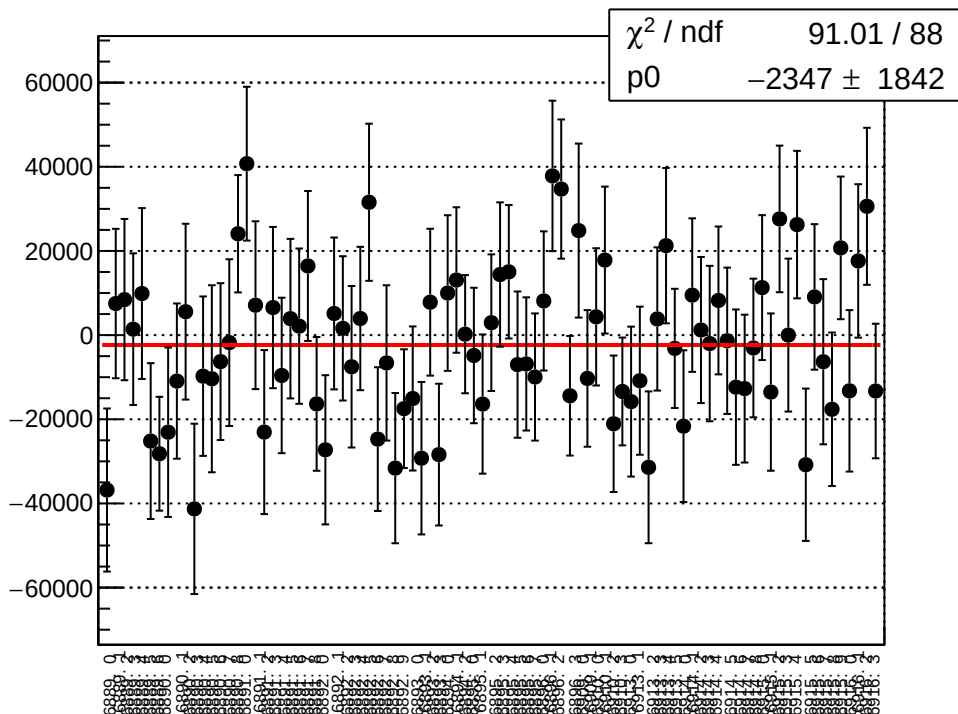
asym_dsr_mean vs run



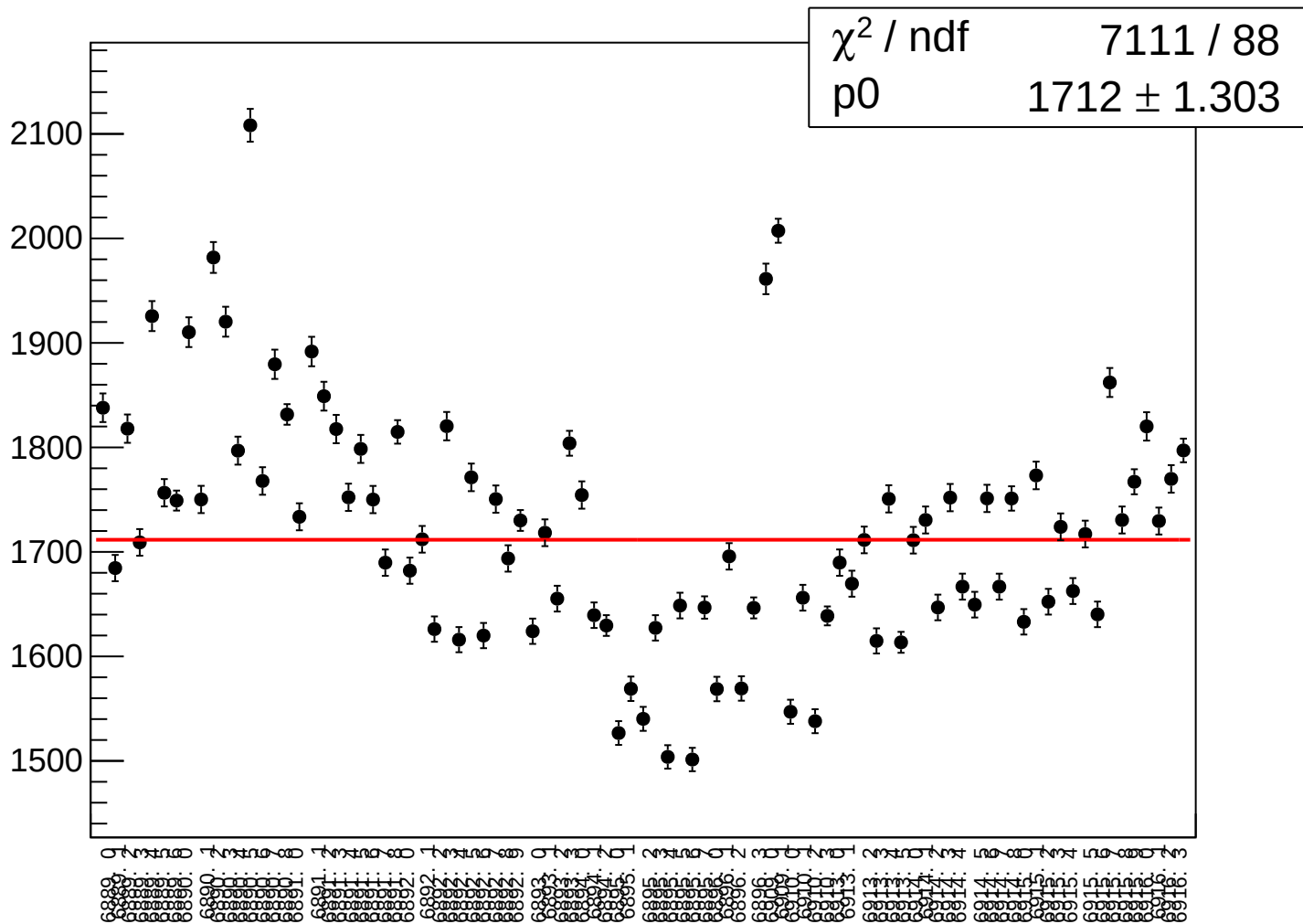
asym_dsr_rms vs run



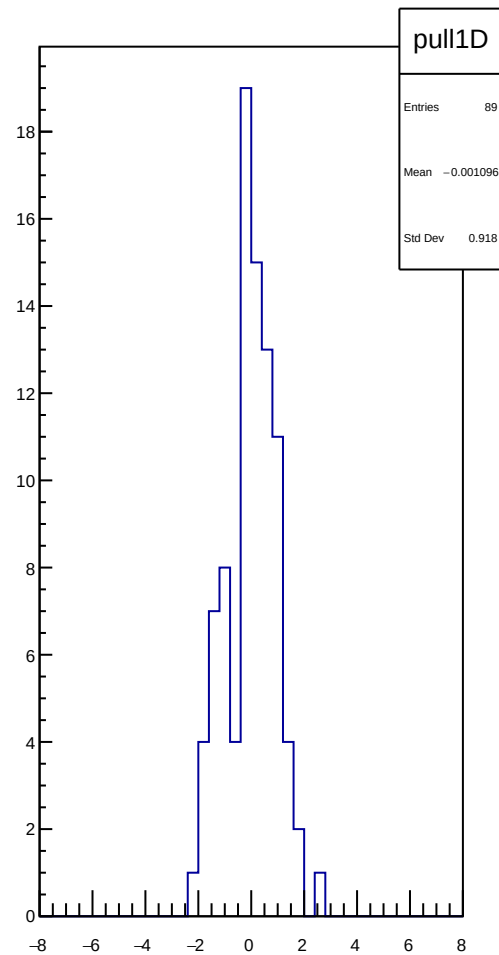
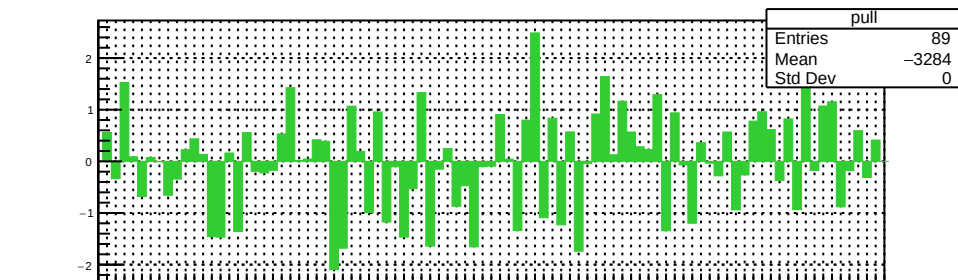
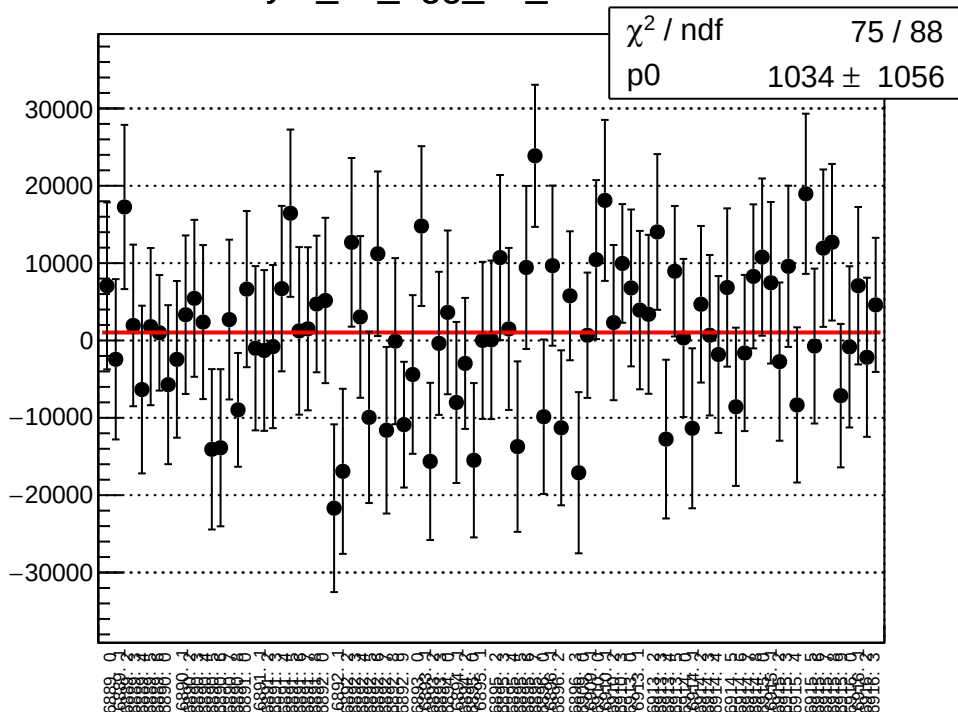
asym_us_agg_avg_mean vs run



asym_us_agg_avg_rms vs run



asym_us_agg_dd_mean vs run



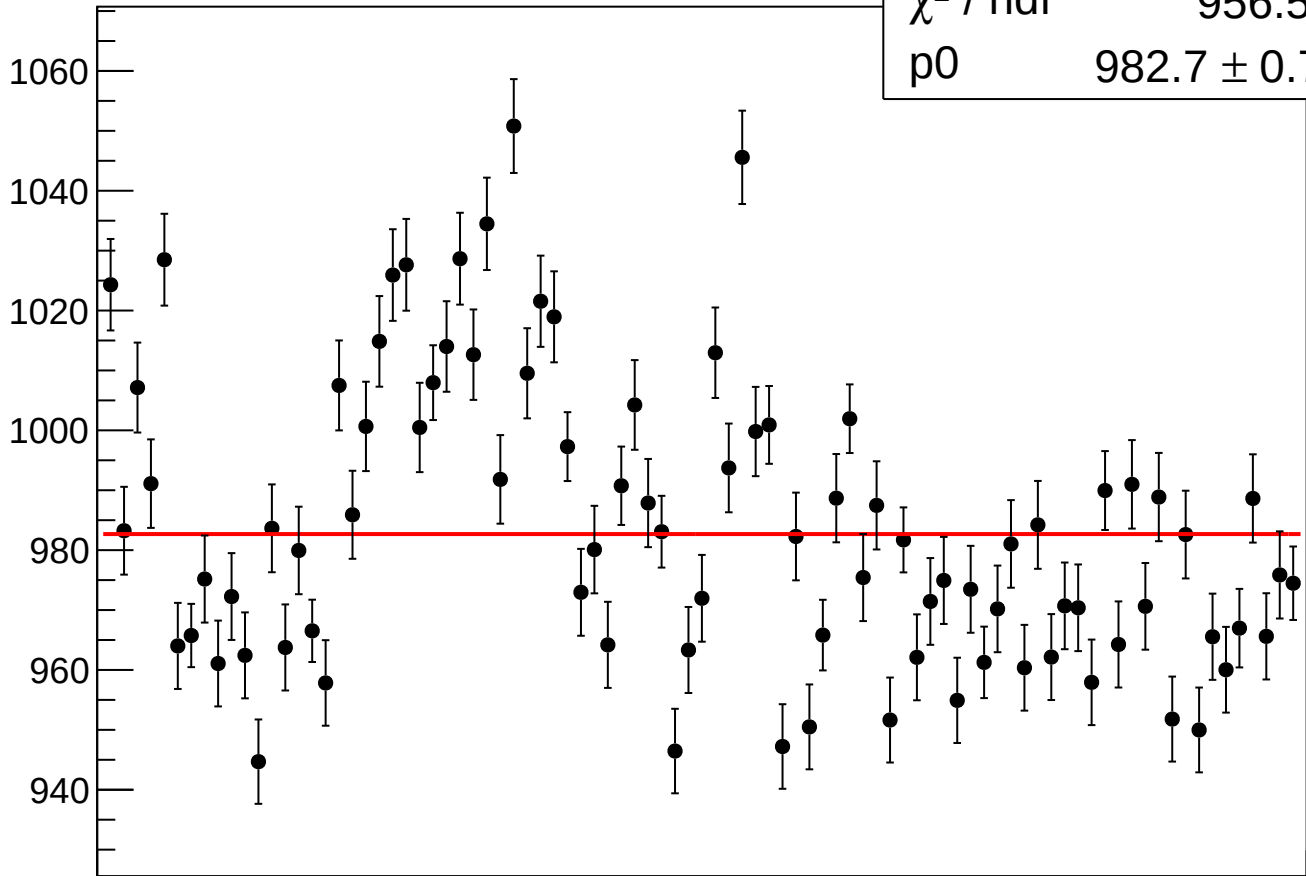
asym_us_agg_dd_rms vs run

χ^2 / ndf

956.5 / 88

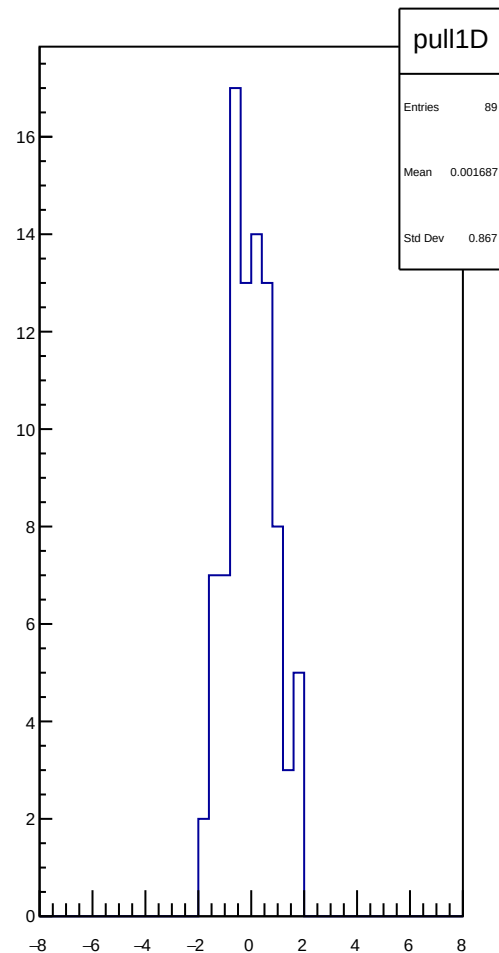
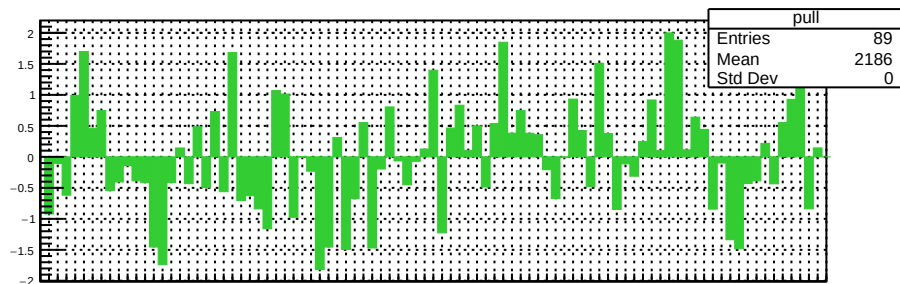
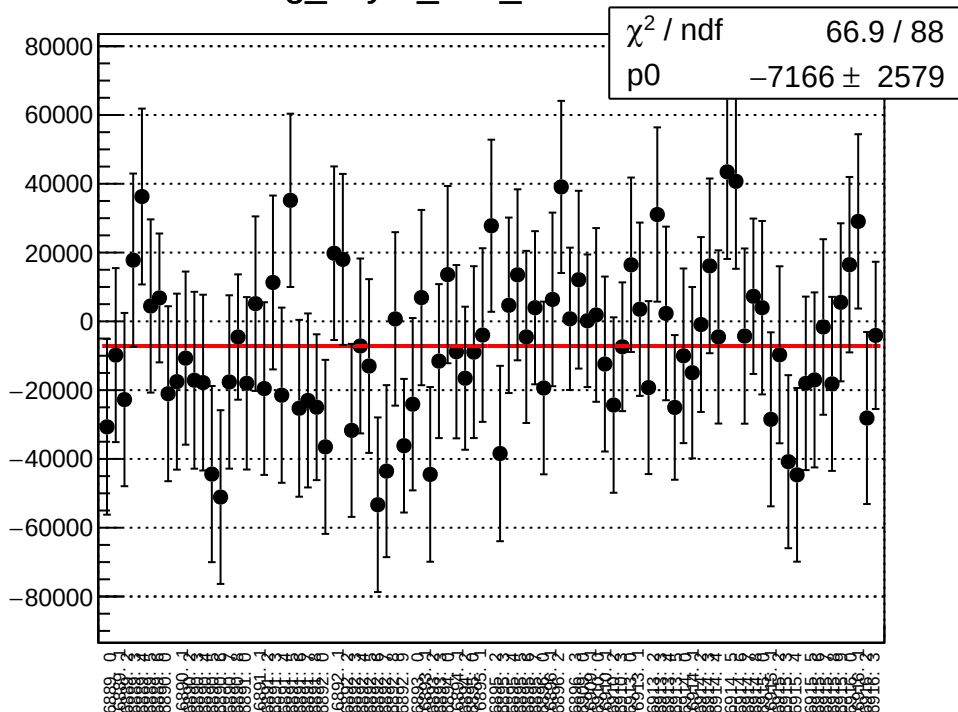
p0

982.7 ± 0.7466

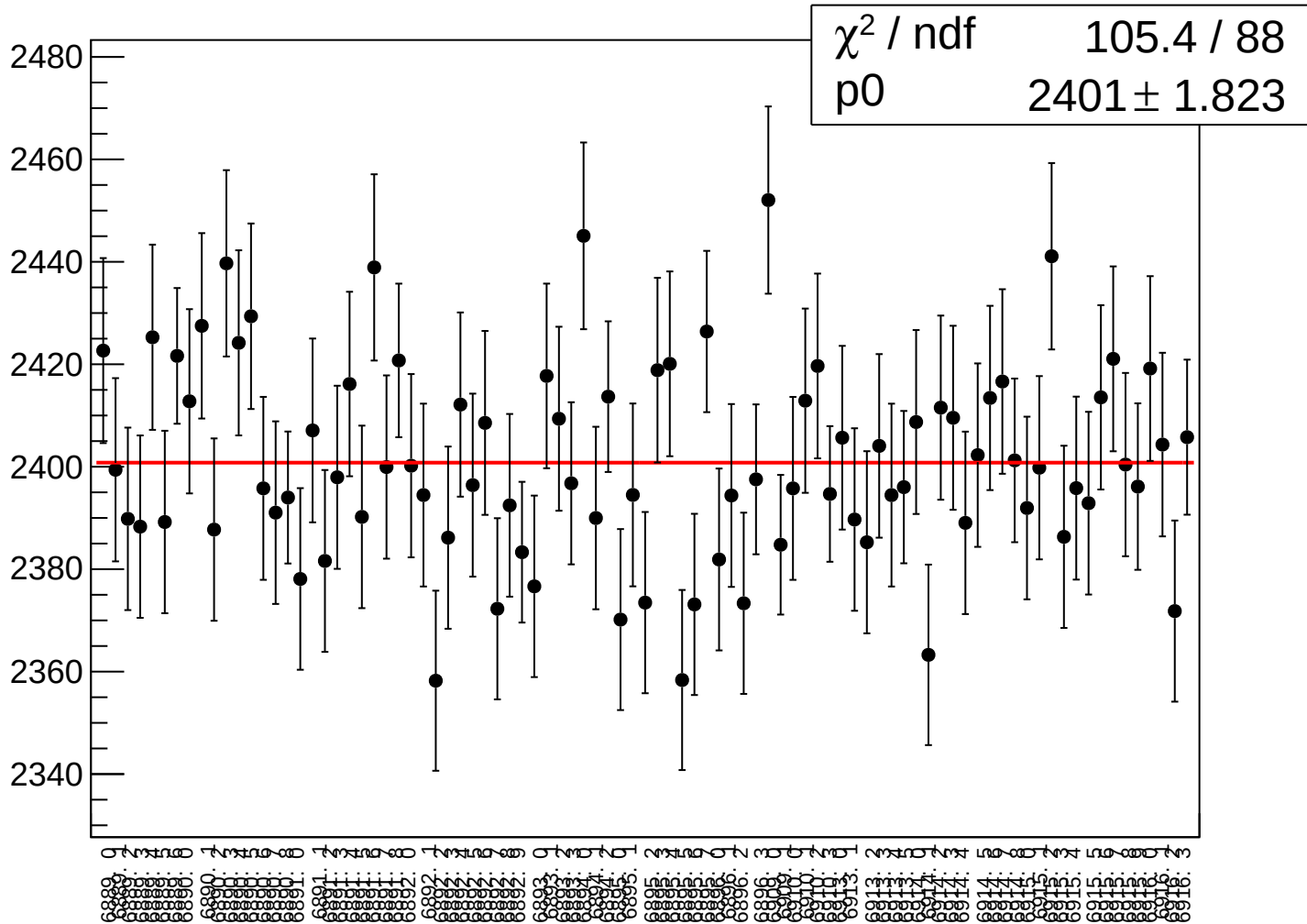


00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

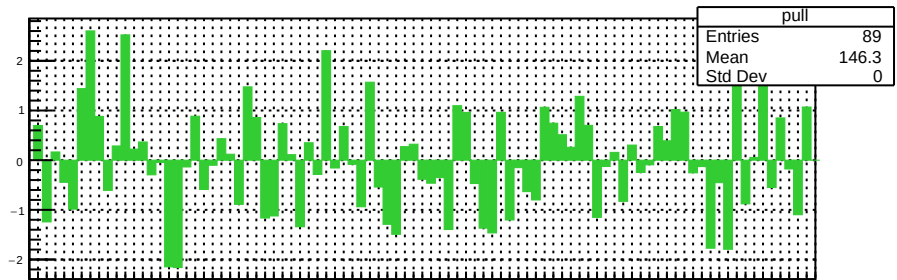
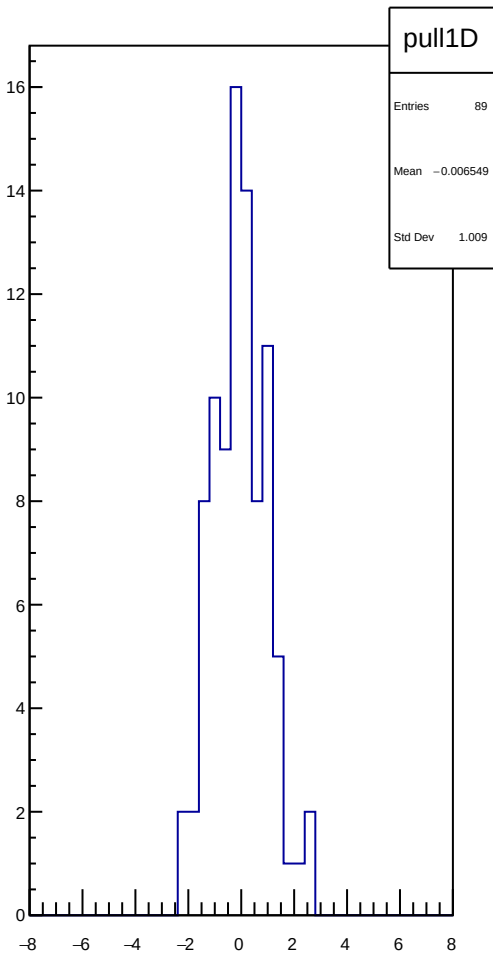
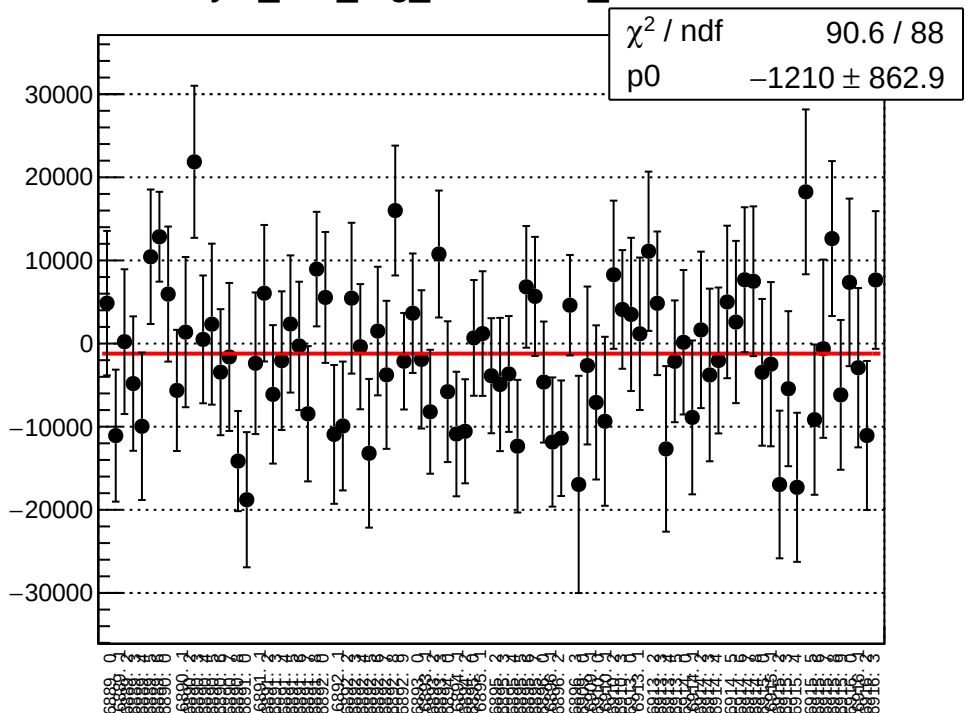
reg_asym_atl1_mean vs run



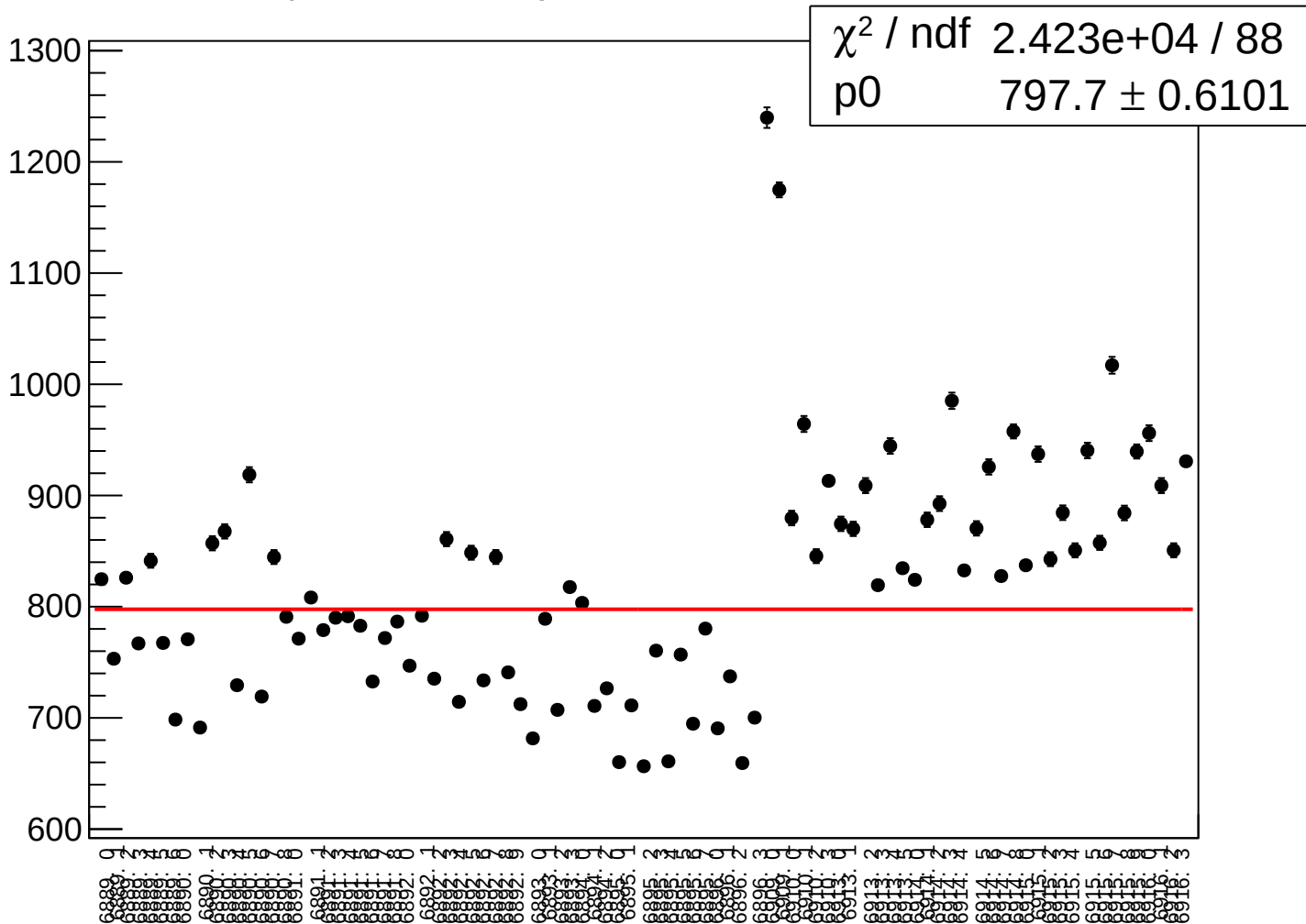
reg_asym_atl1_rms vs run



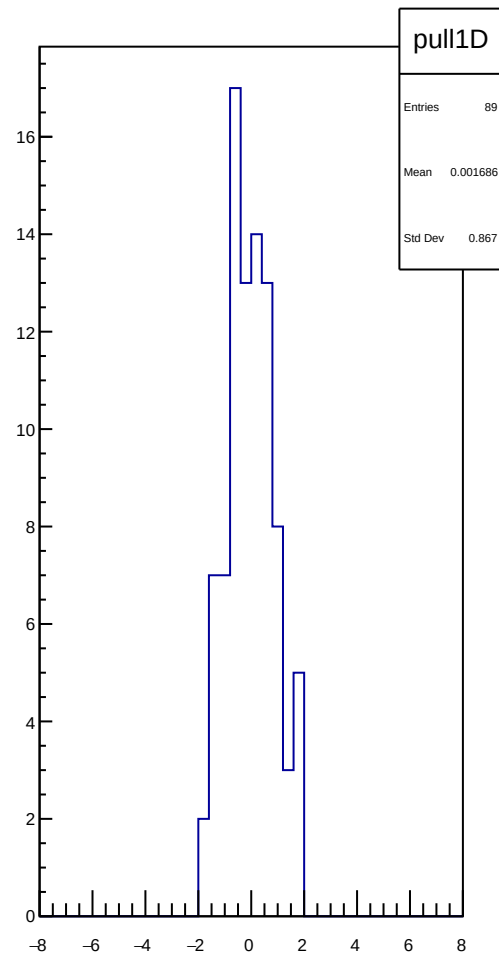
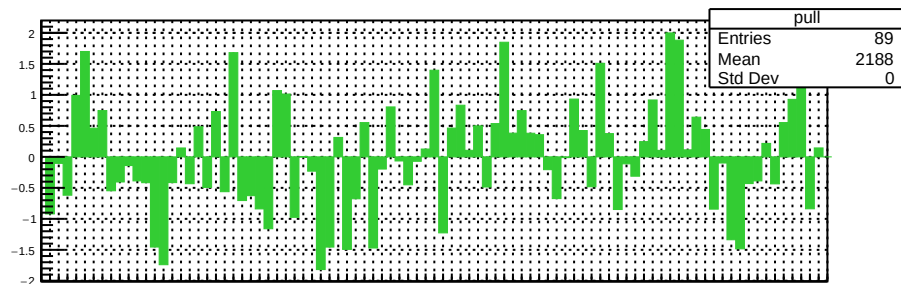
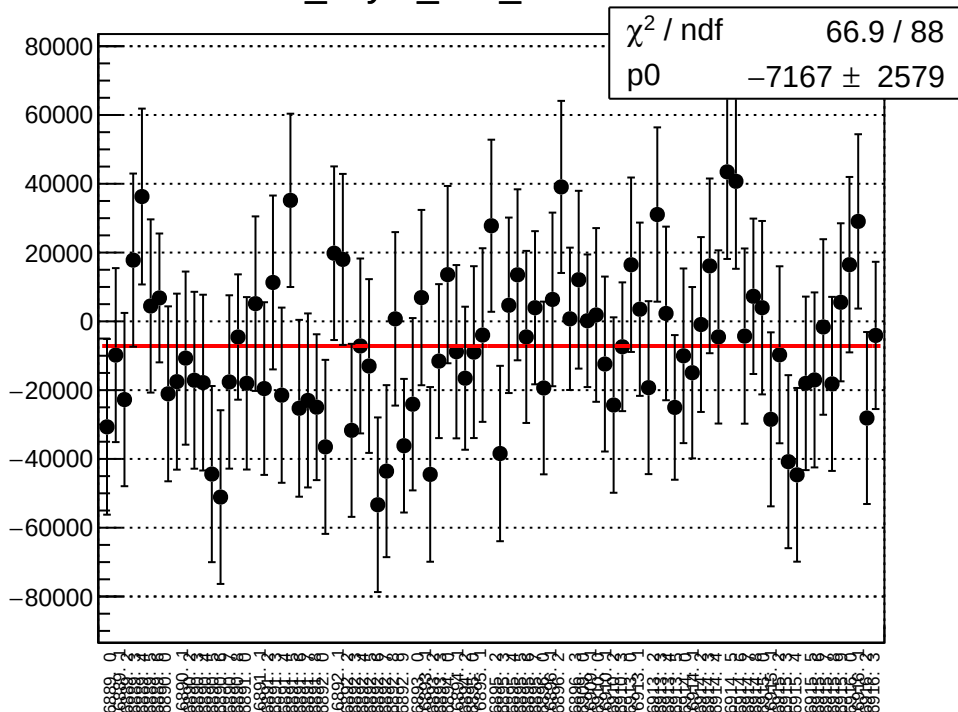
asym_atl1_reg_correction_mean vs run



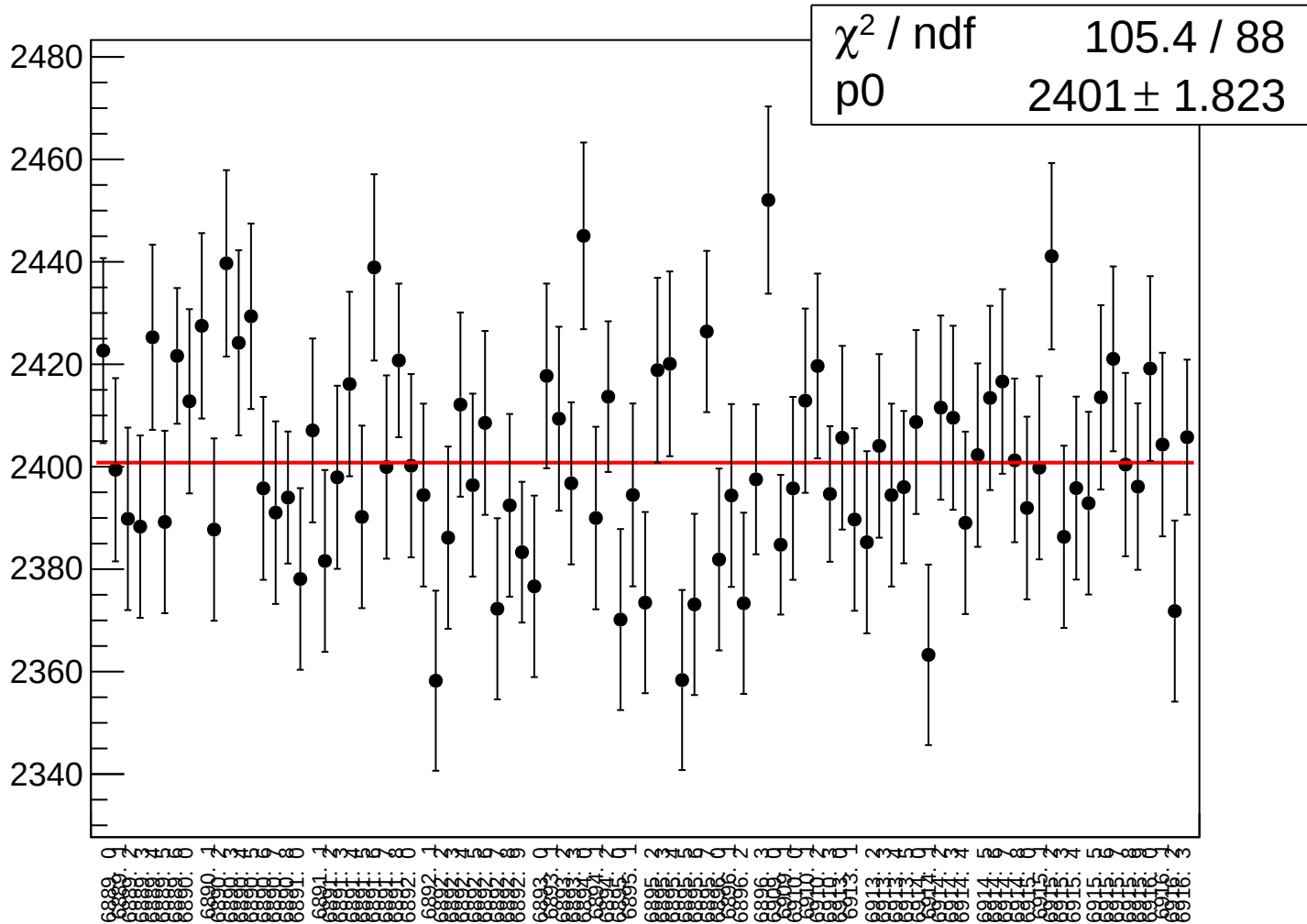
asym_atl1_reg_correction_rms vs run



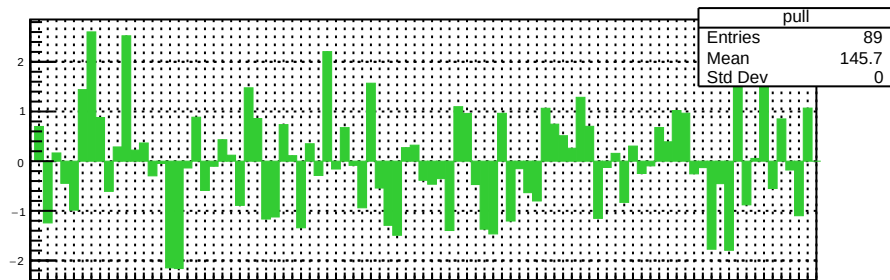
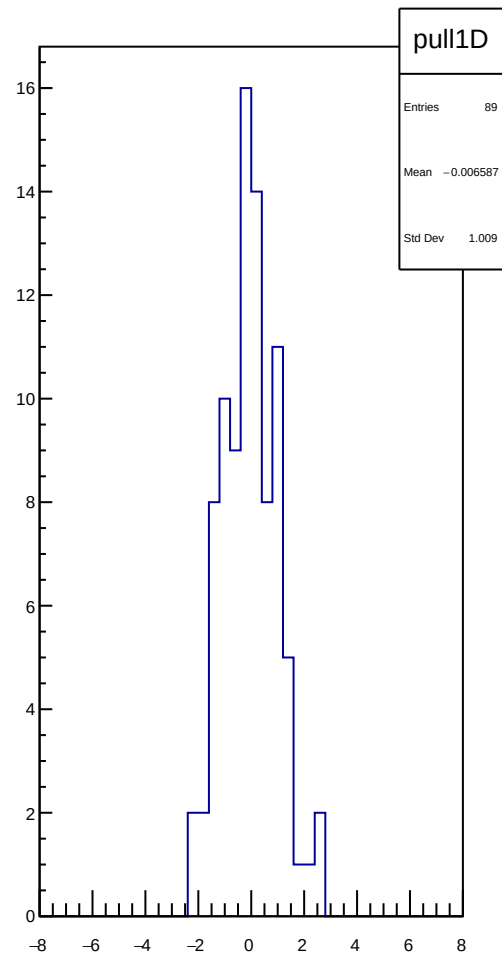
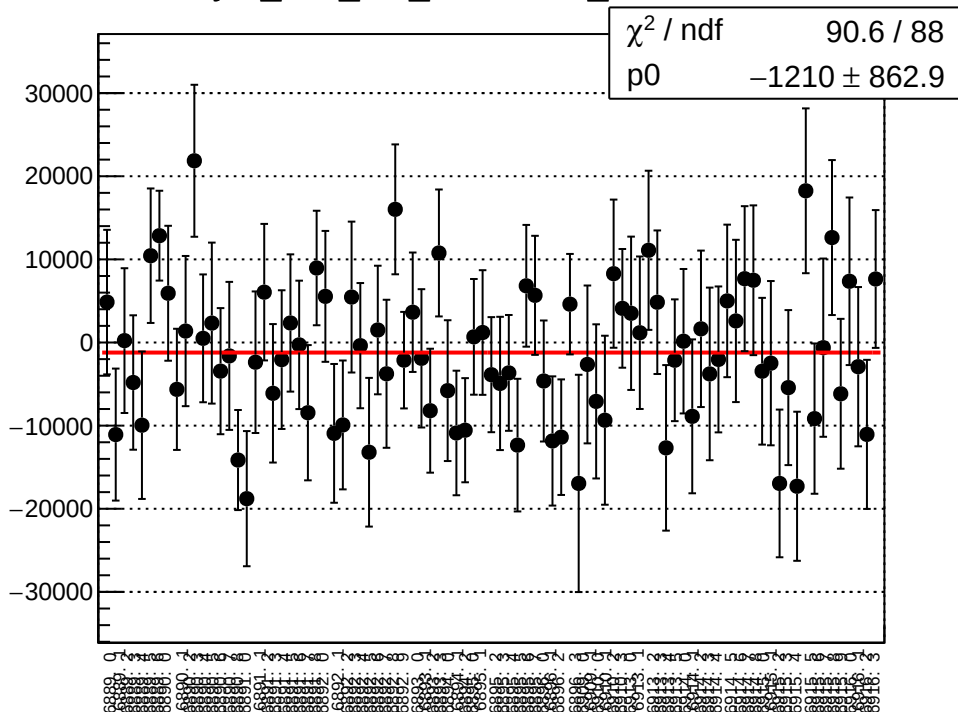
cor_asym_atl1_mean vs run



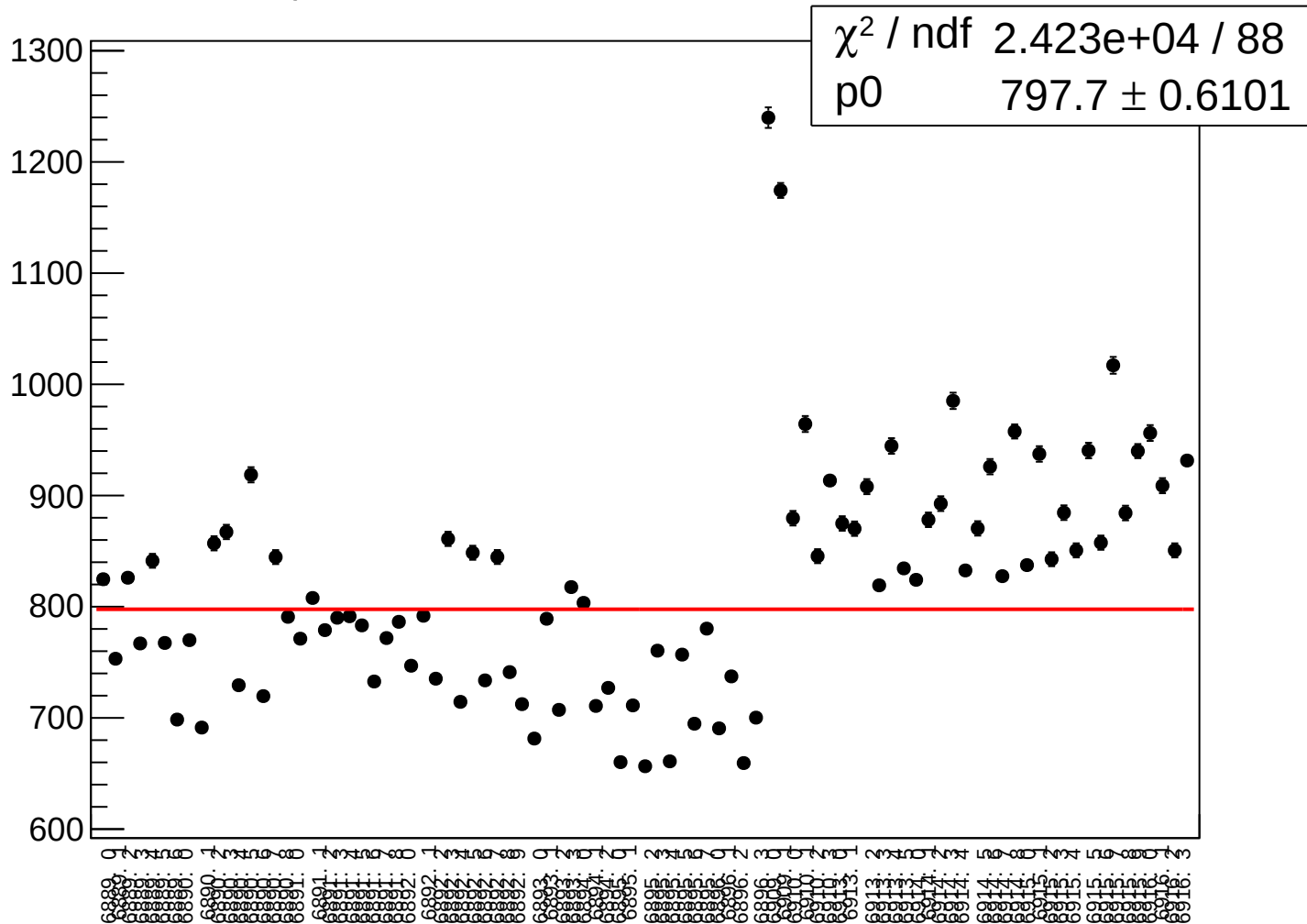
cor_asym_atl1_rms vs run



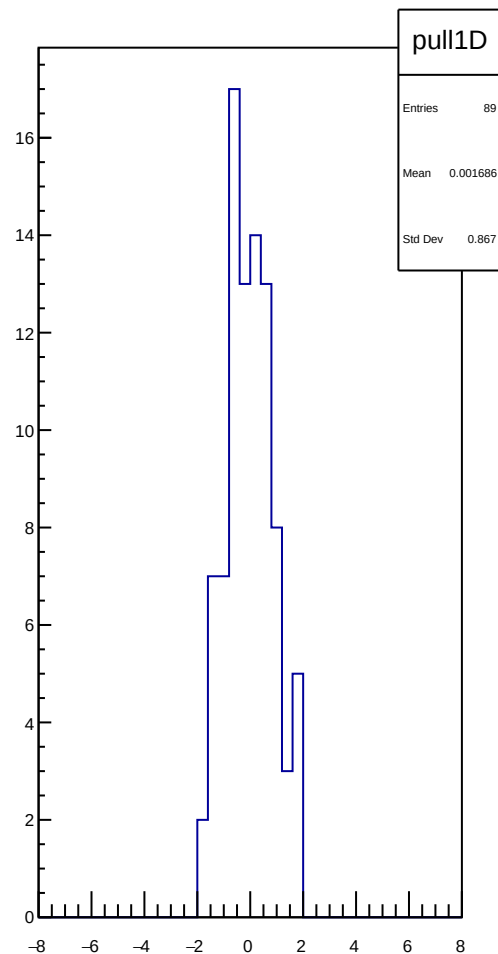
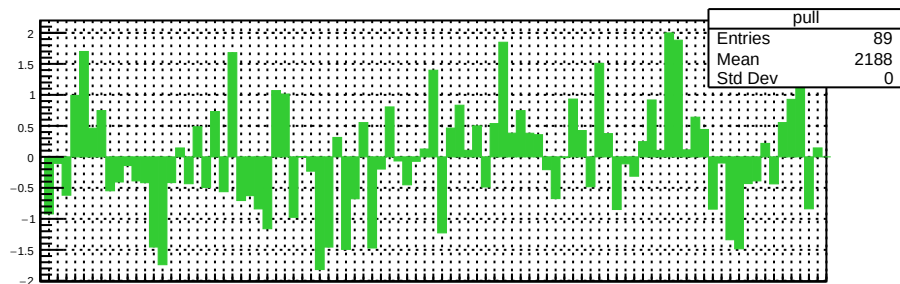
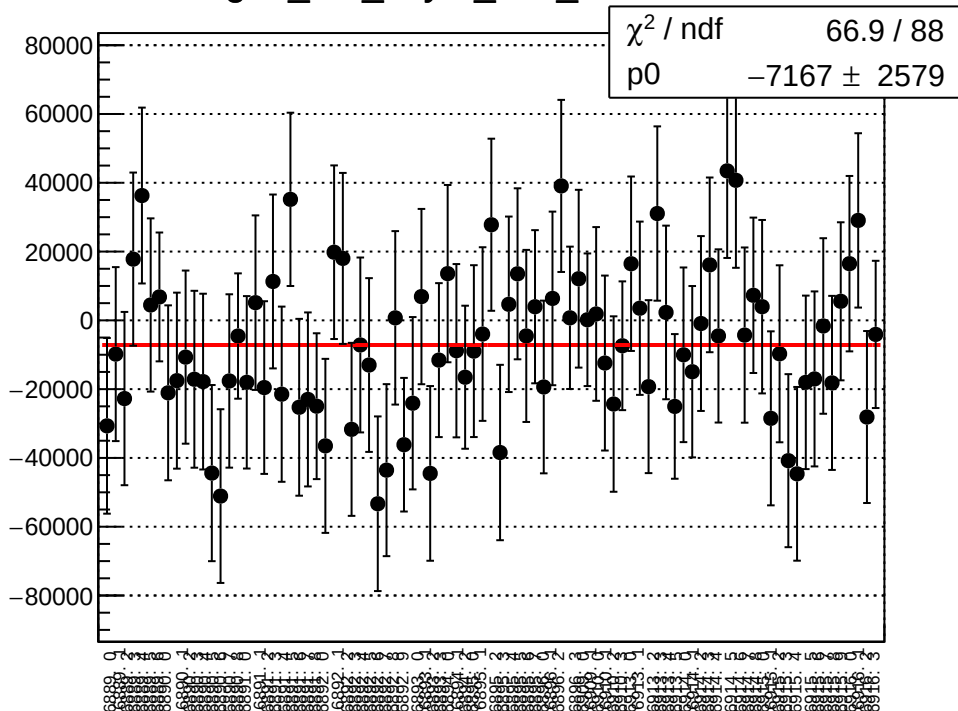
asym_atl1_cor_correction_mean vs run



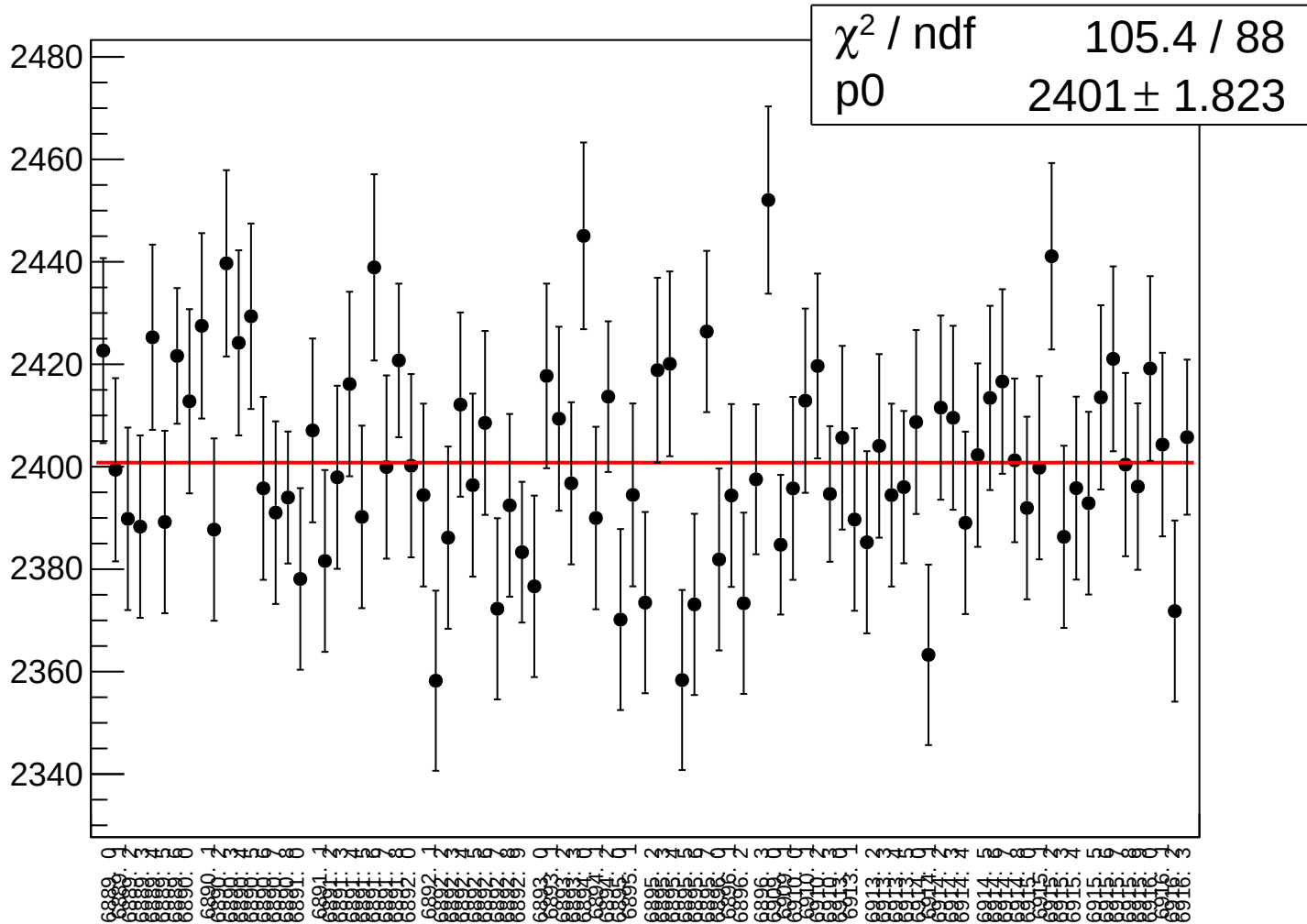
asym_atl1_cor_correction_rms vs run



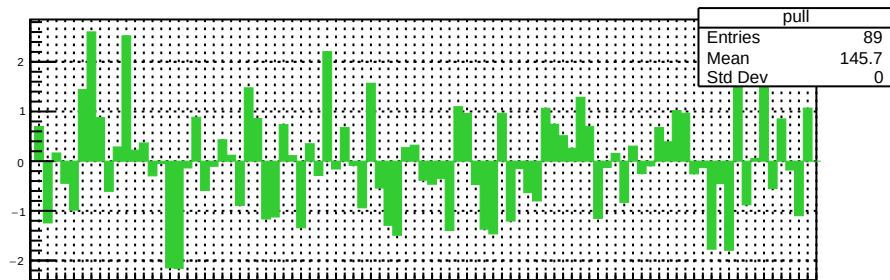
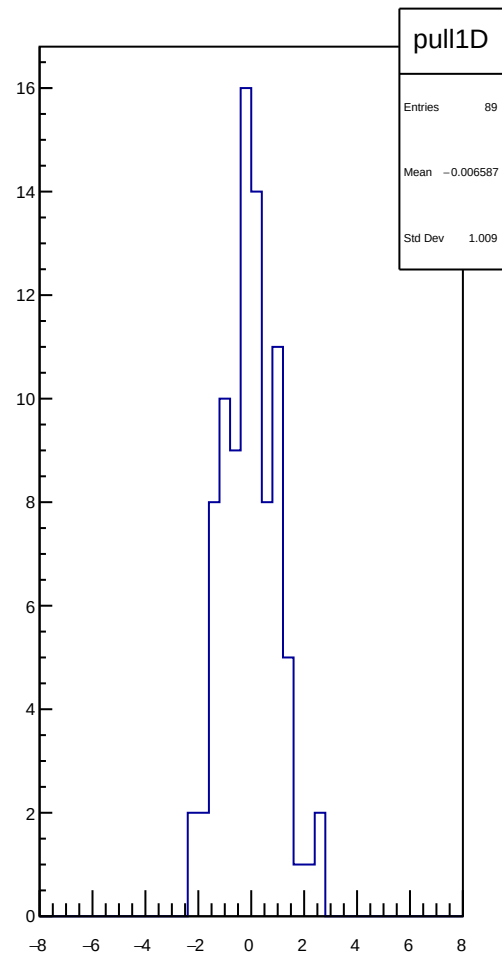
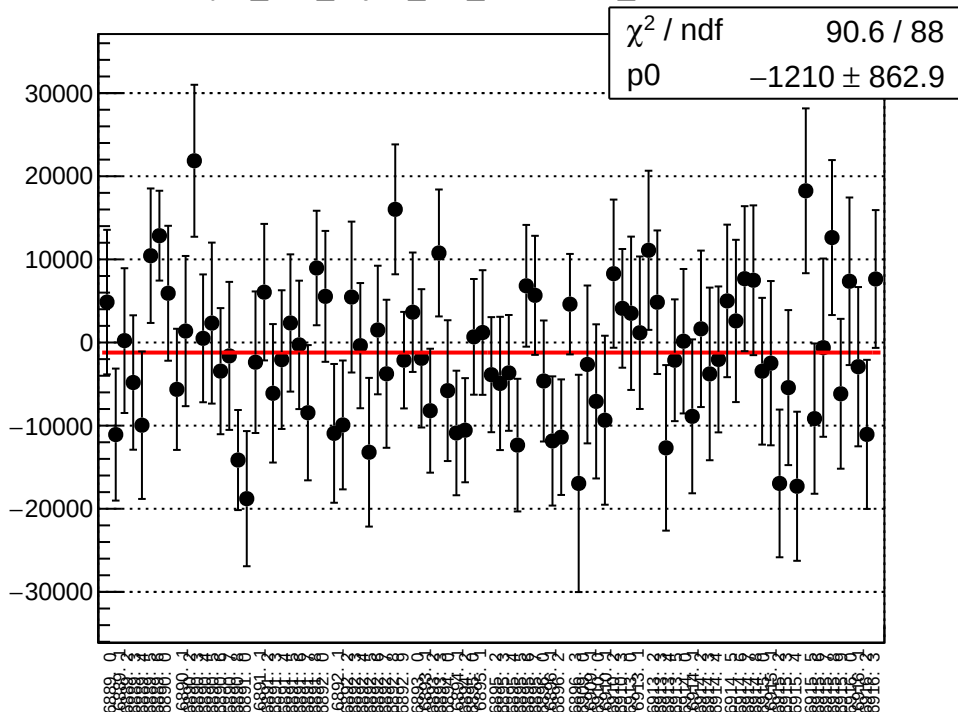
eigen_cor_asym_atl1_mean vs run



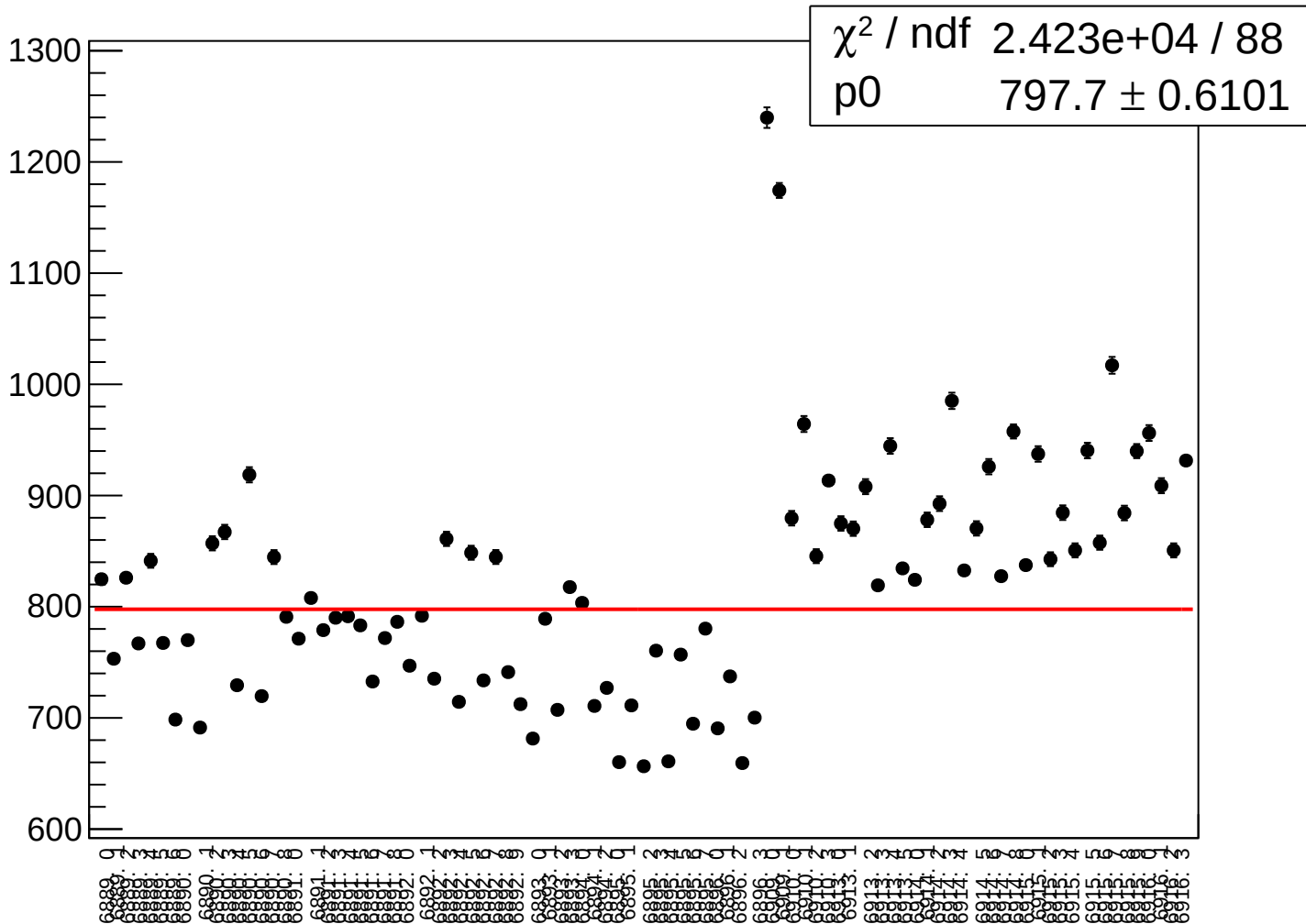
eigen_cor_asym_atl1_rms vs run



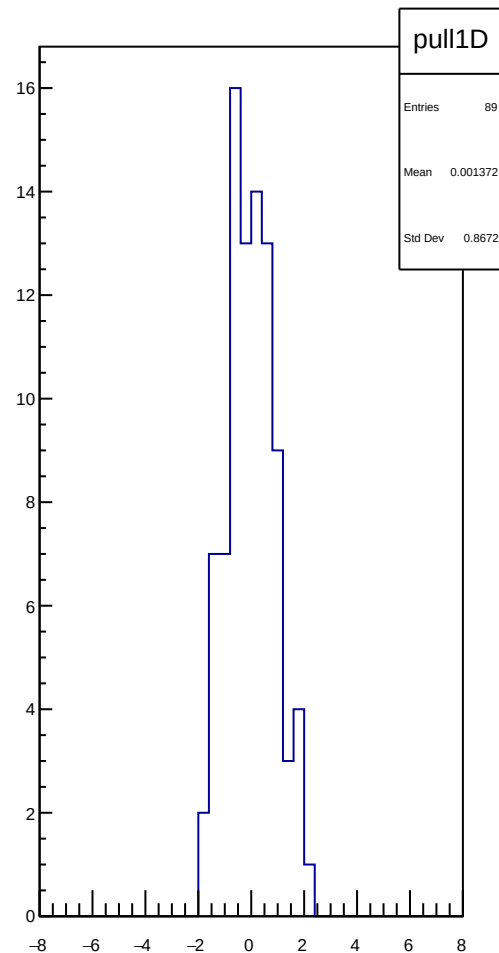
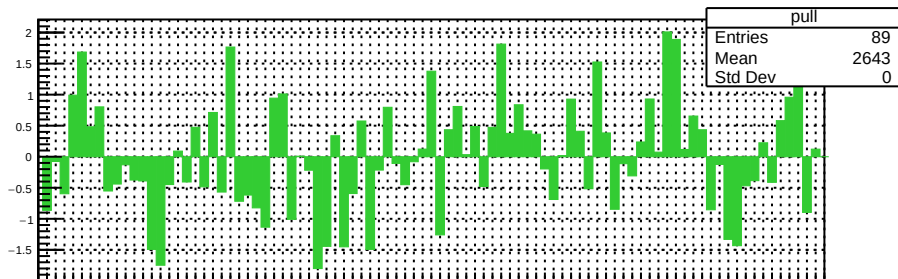
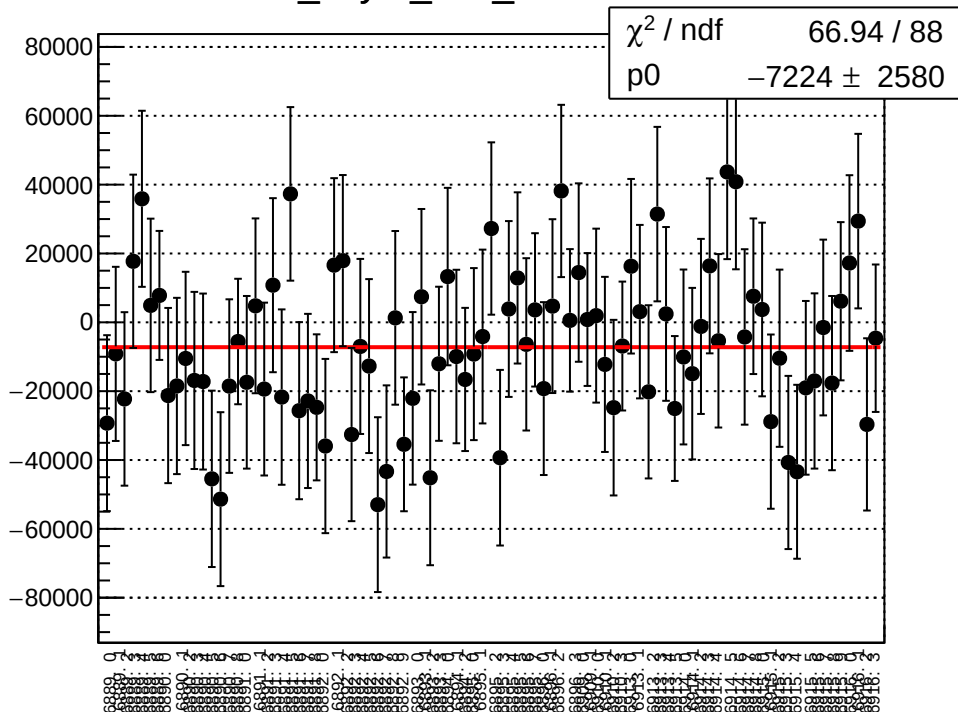
asym_atl1_eigen_cor_correction_mean vs run



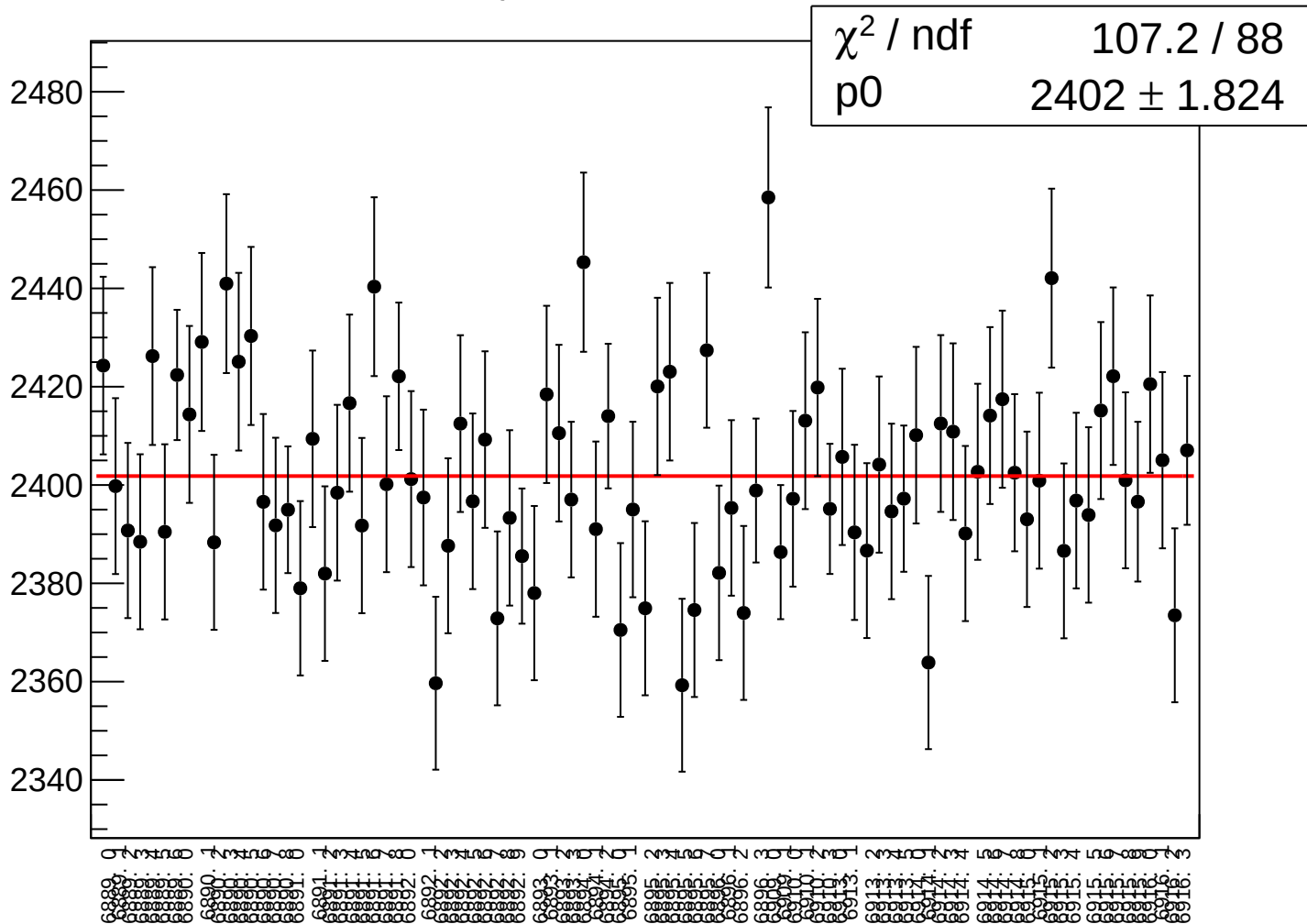
asym_atl1_eigen_cor_correction_rms vs run



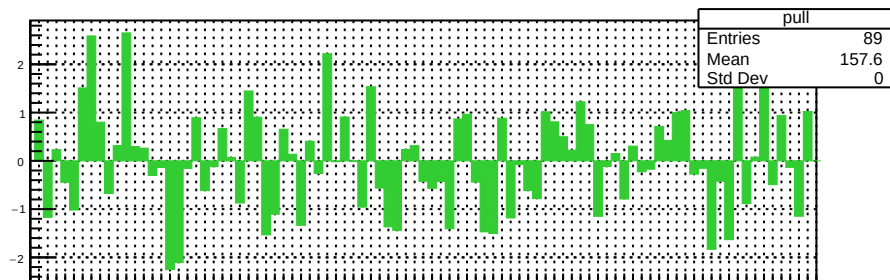
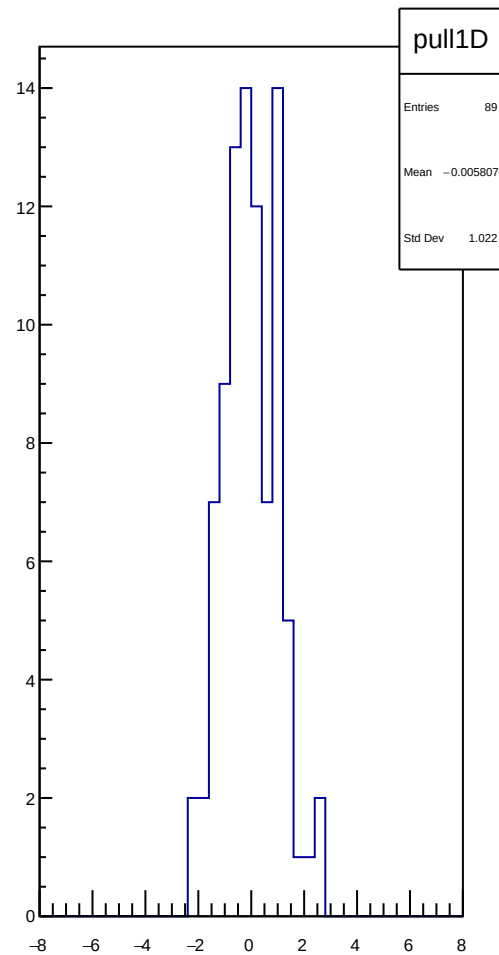
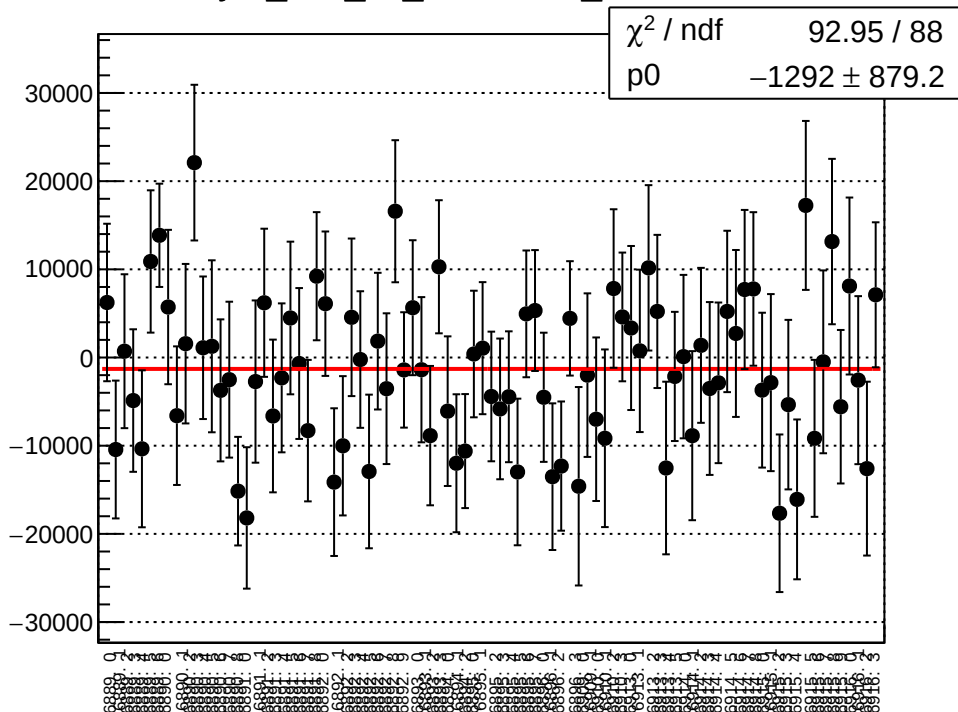
dit_asym_atl1_mean vs run



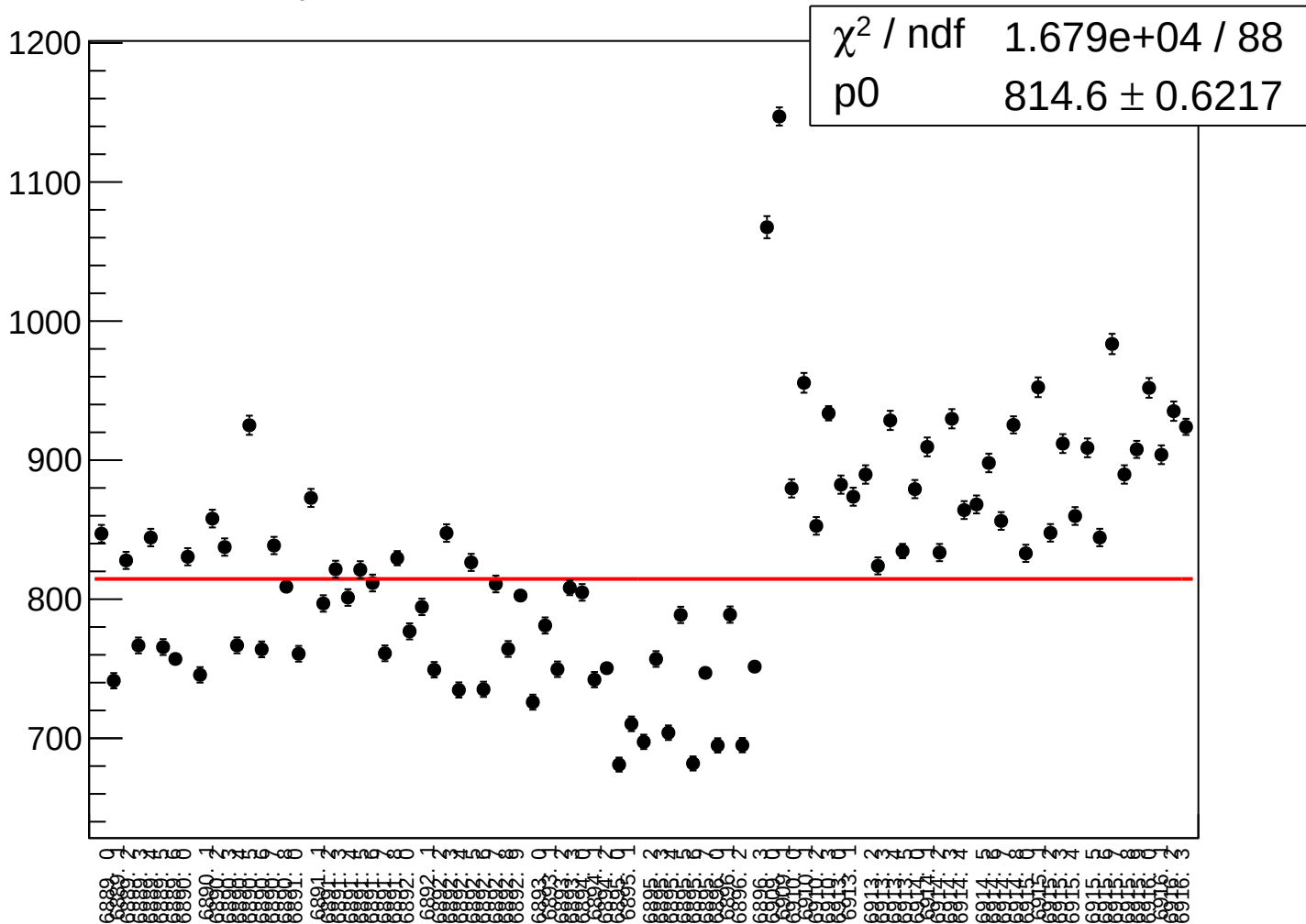
dit_asym_atl1_rms vs run



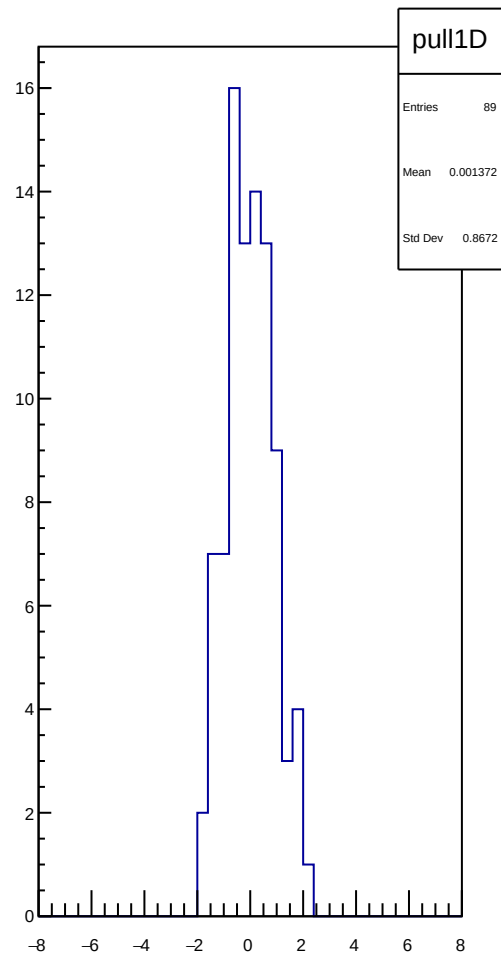
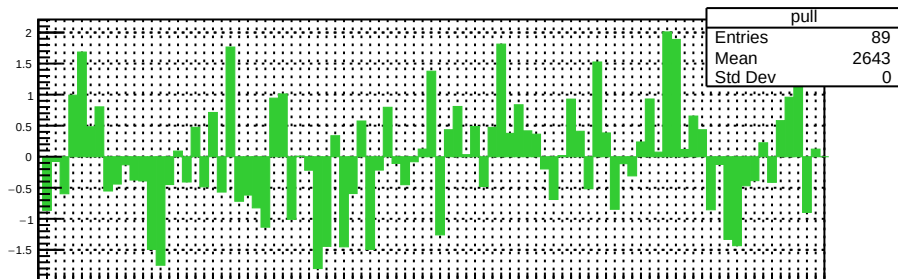
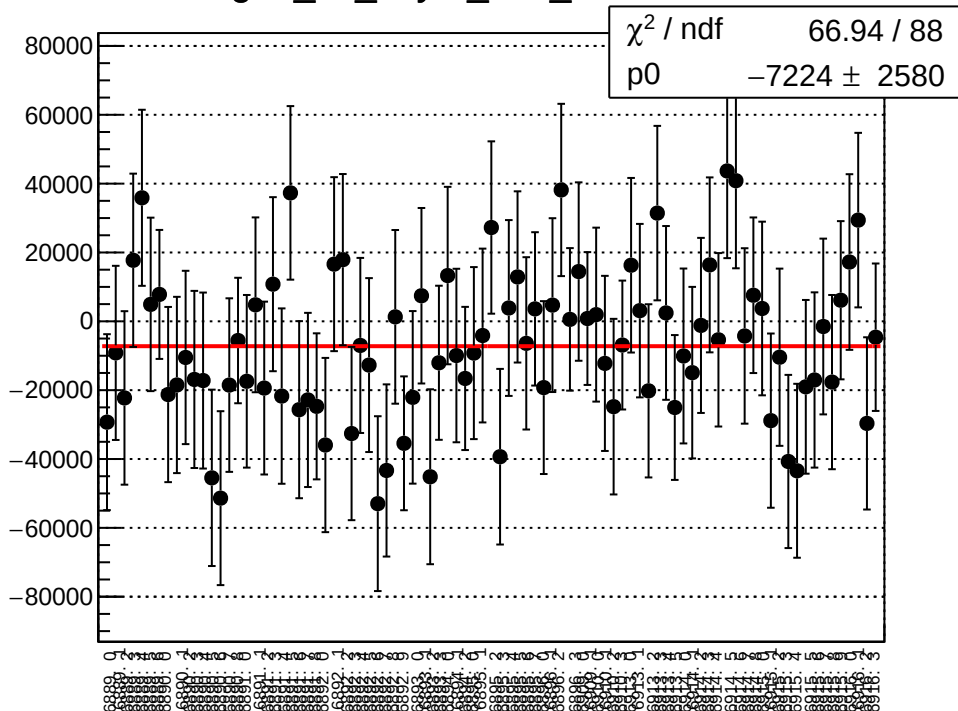
asym_atl1_dit_correction_mean vs run



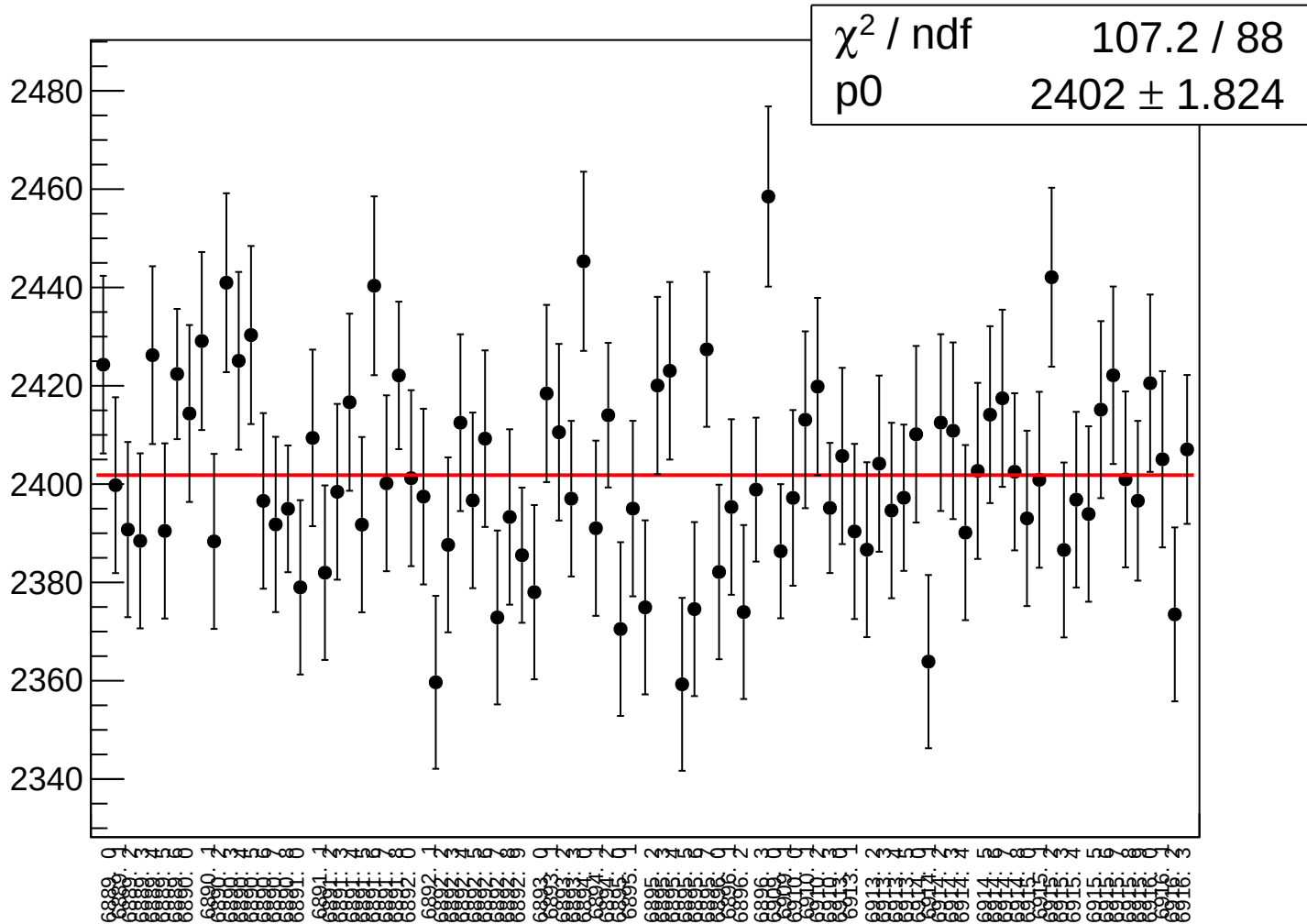
asym_atl1_dit_correction_rms vs run



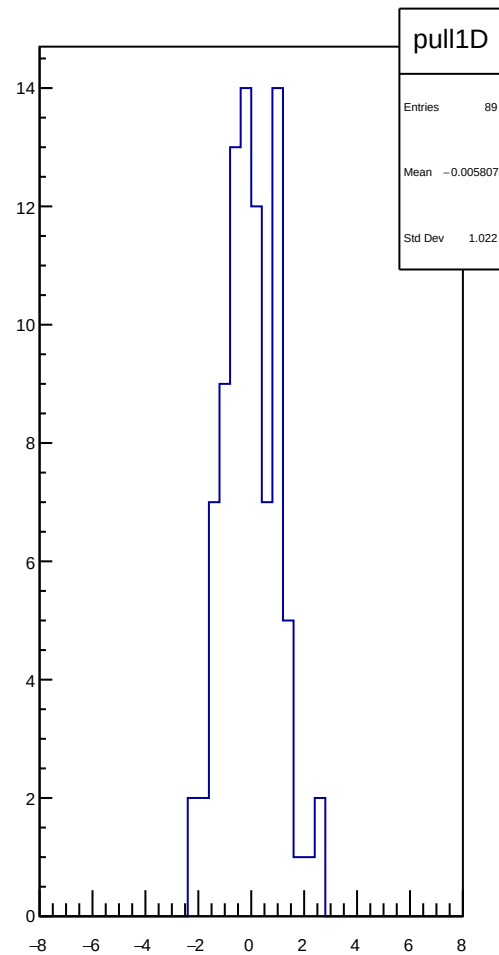
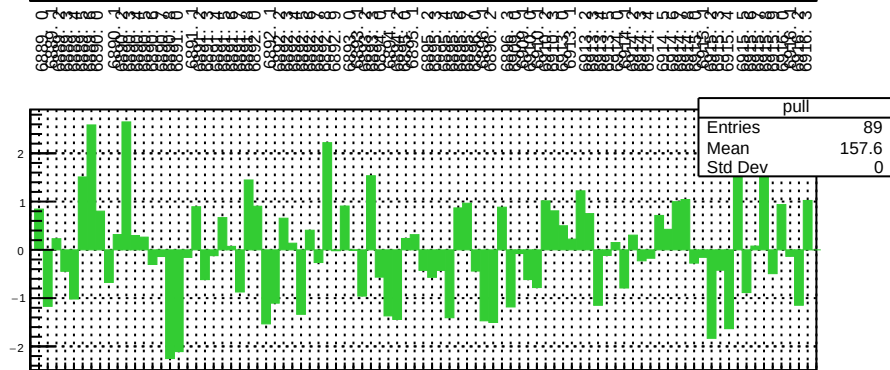
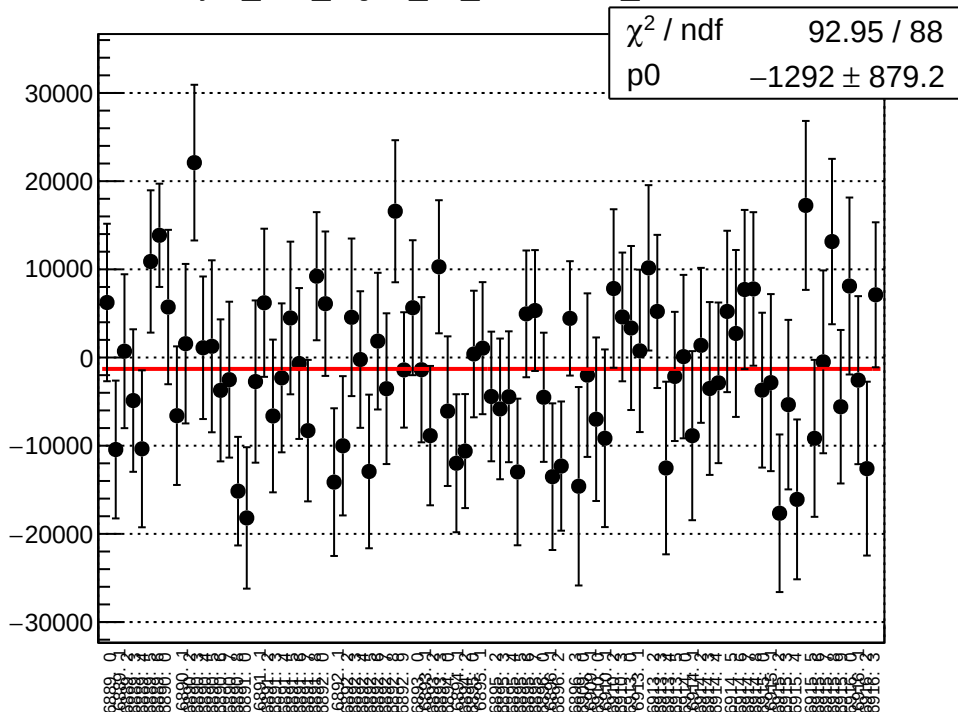
eigen_dit_asym_atl1_mean vs run



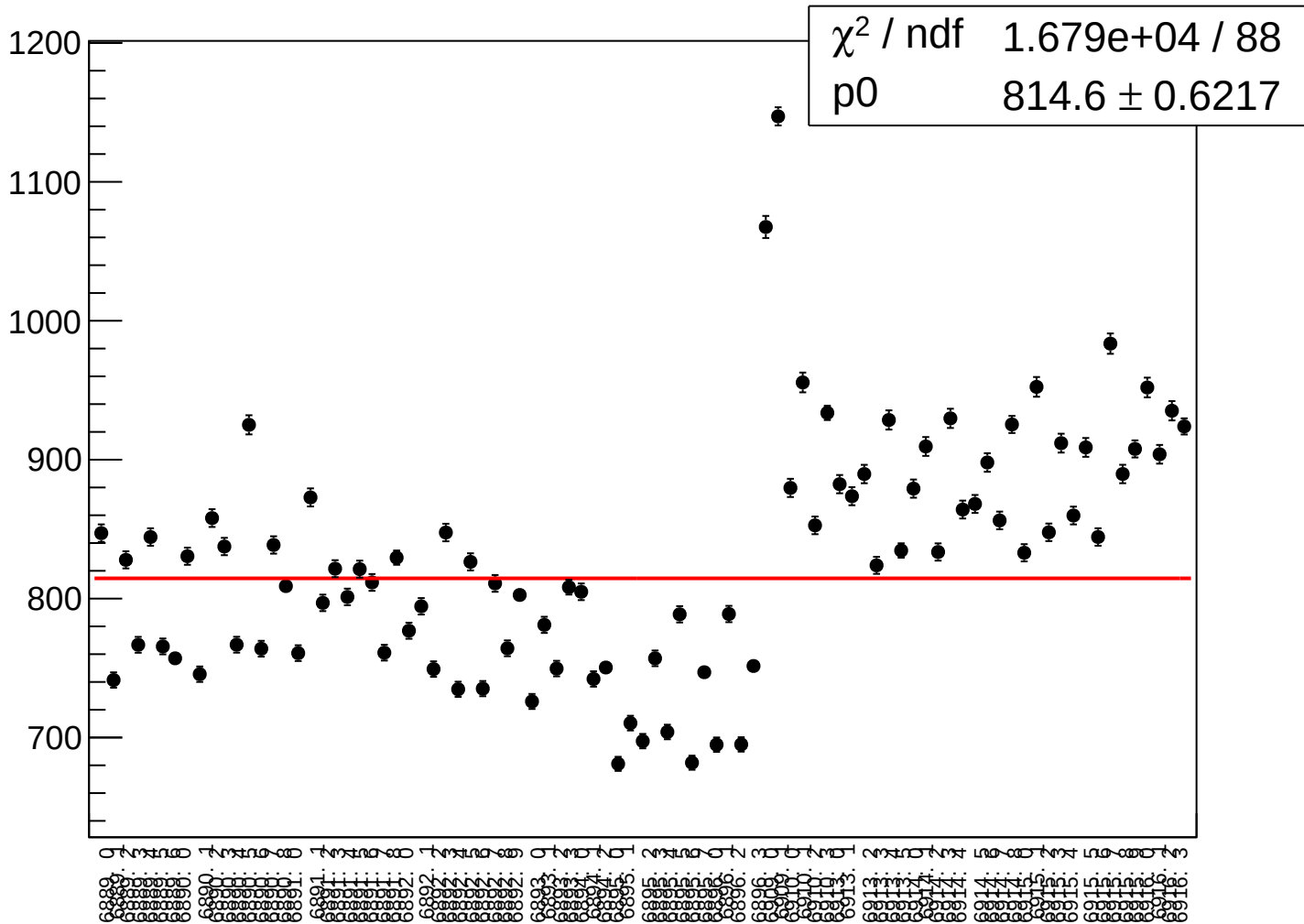
eigen_dit_asym_atl1_rms vs run



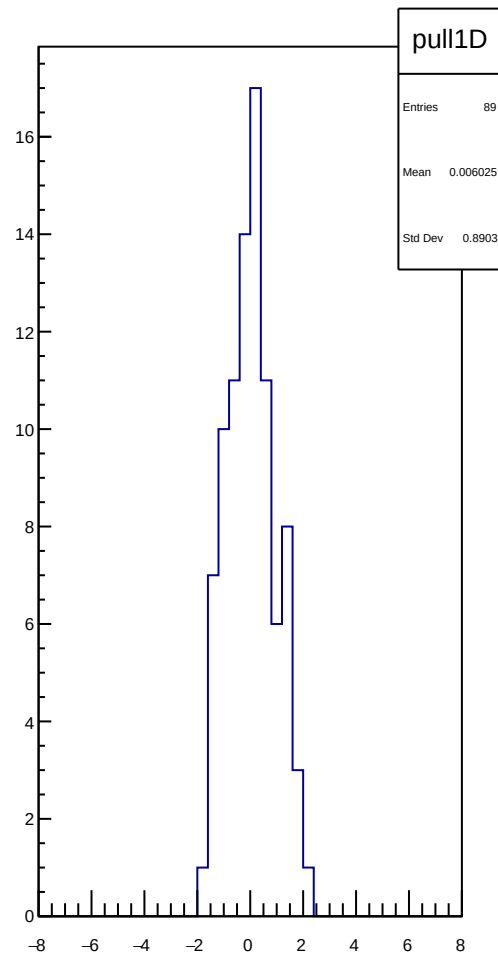
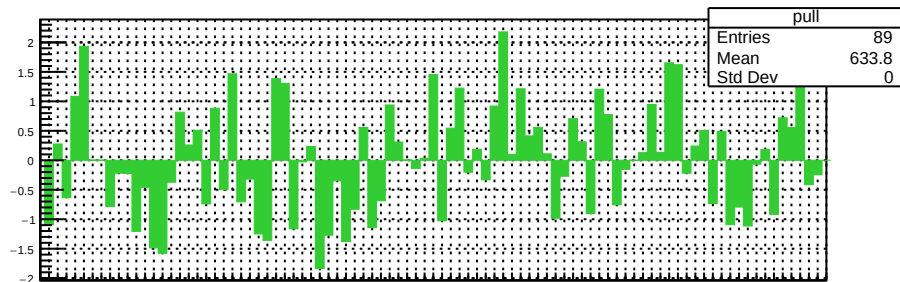
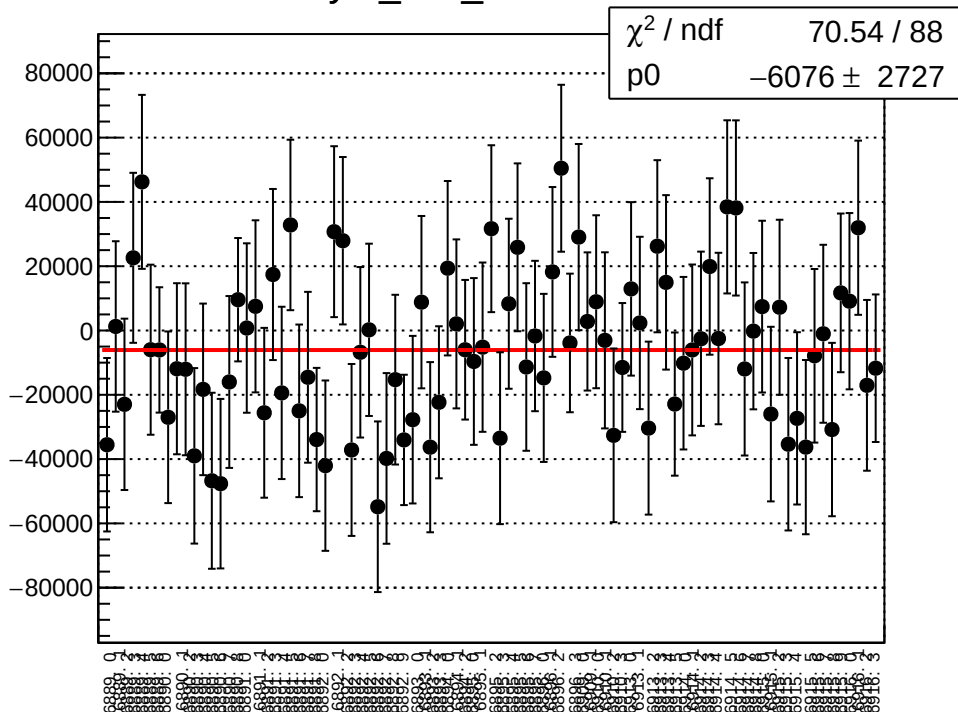
asym_atl1_eigen_dit_correction_mean vs run



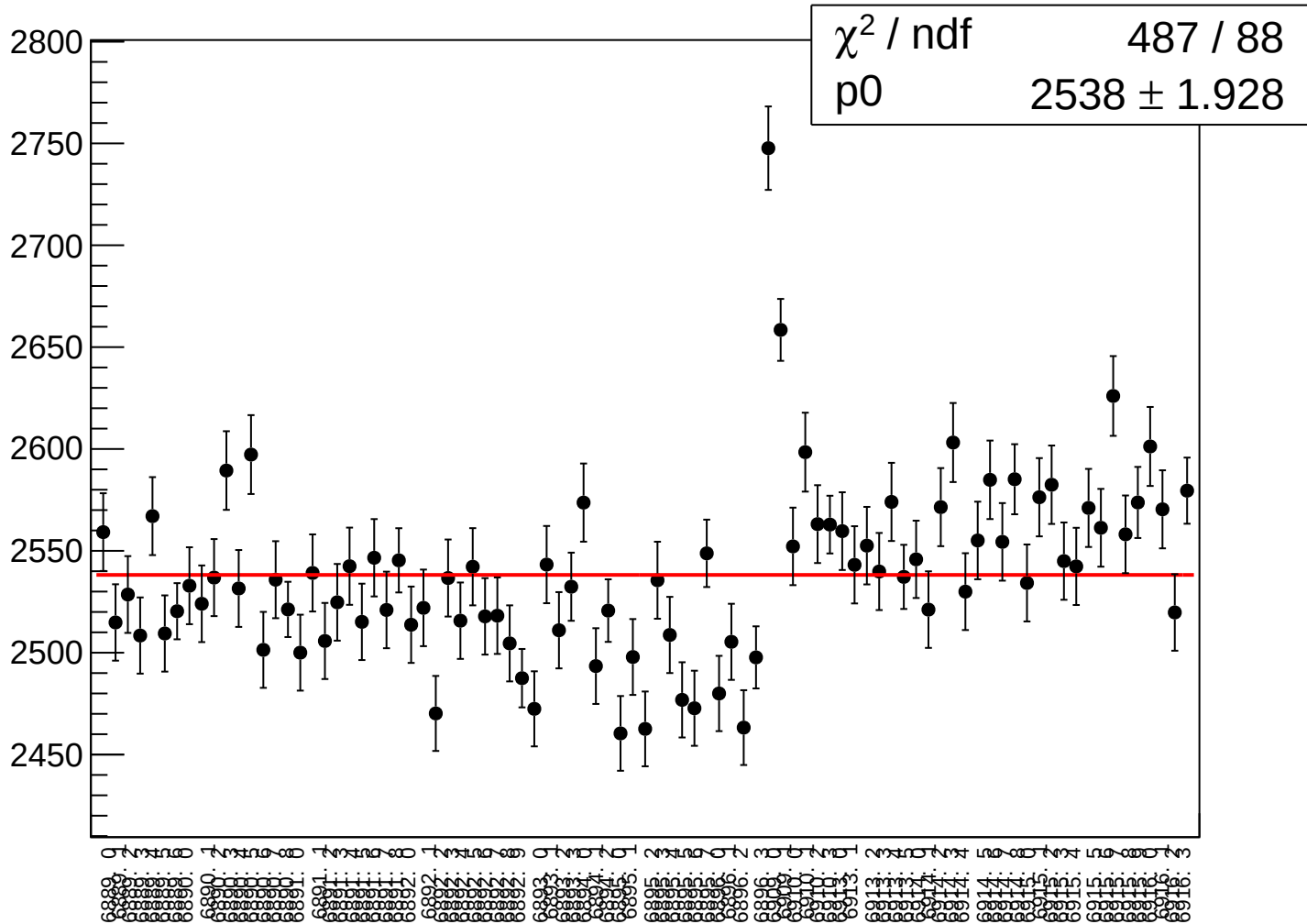
asym_atl1_eigen_dit_correction_rms vs run



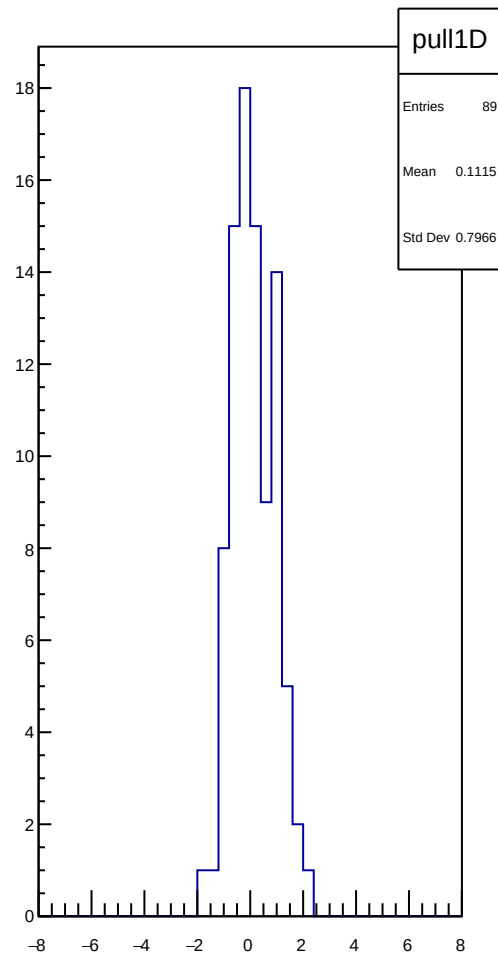
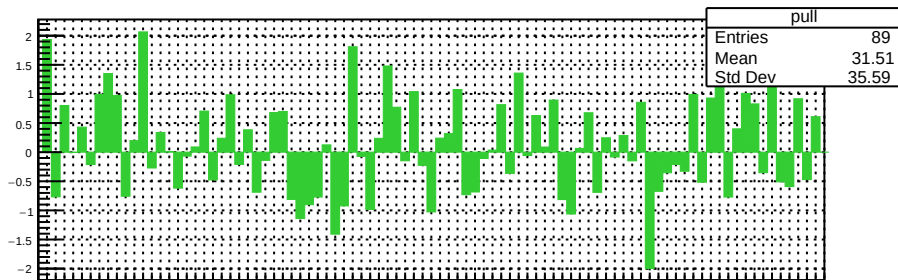
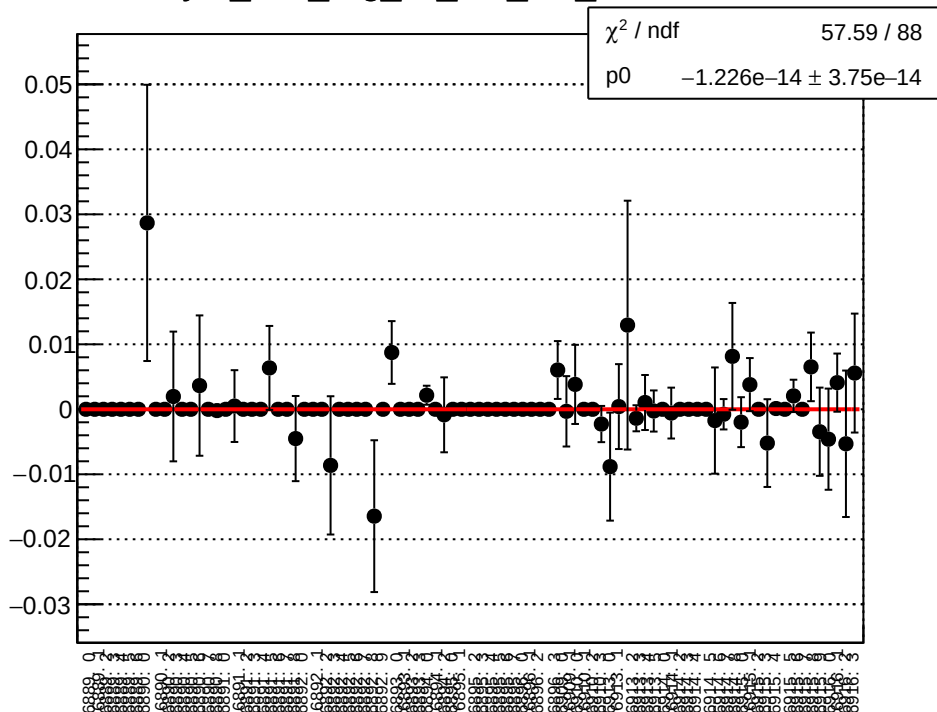
asym_atl1_mean vs run



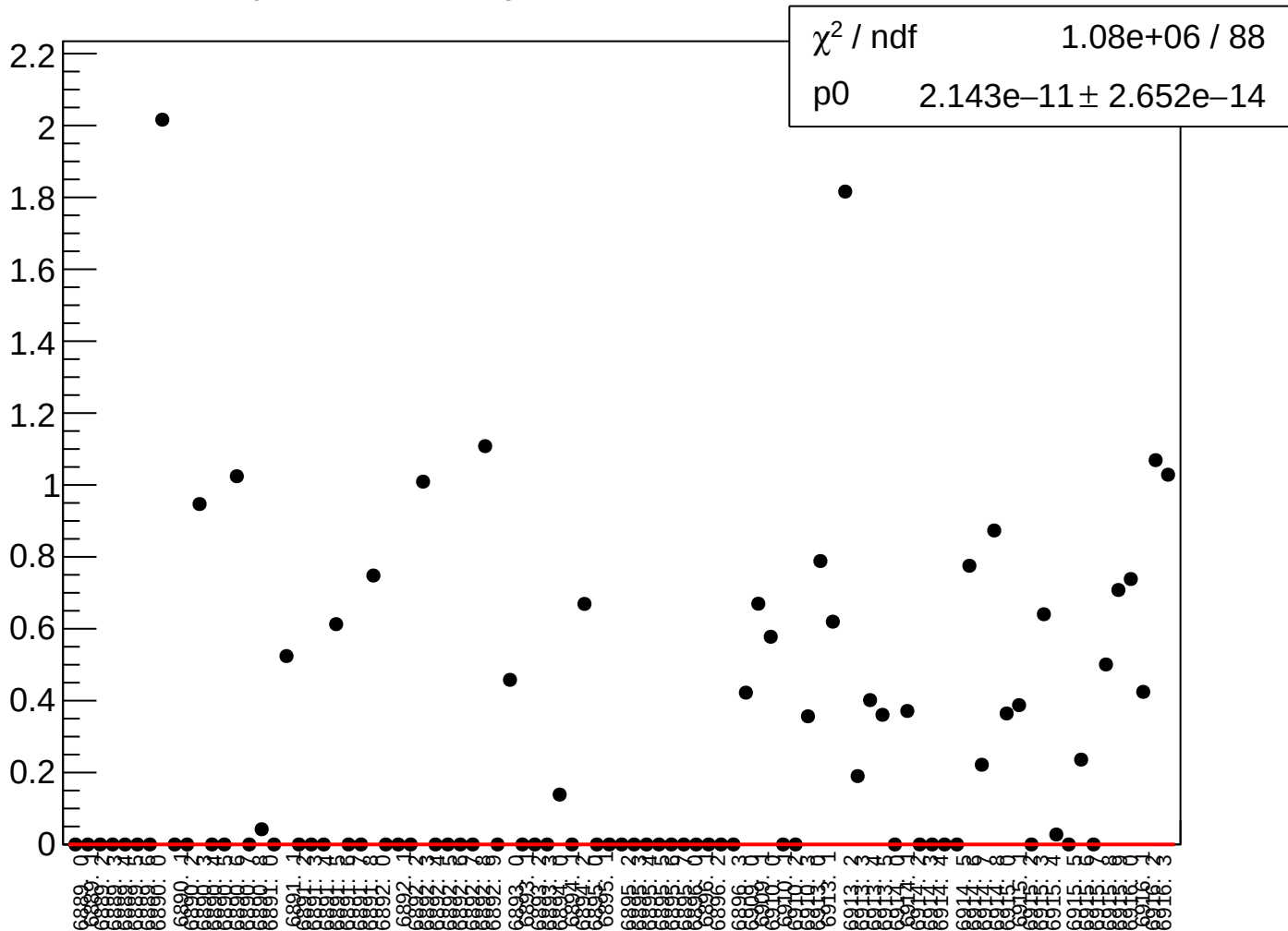
asym_atl1_rms vs run



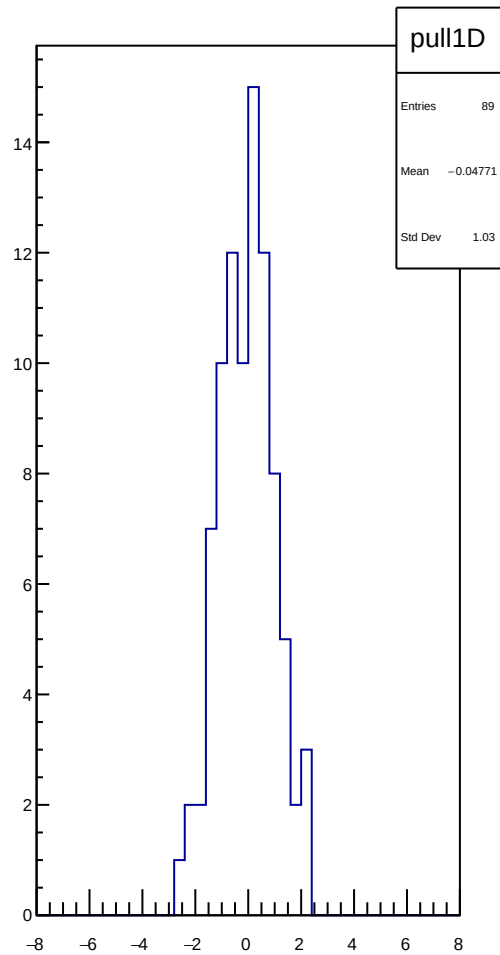
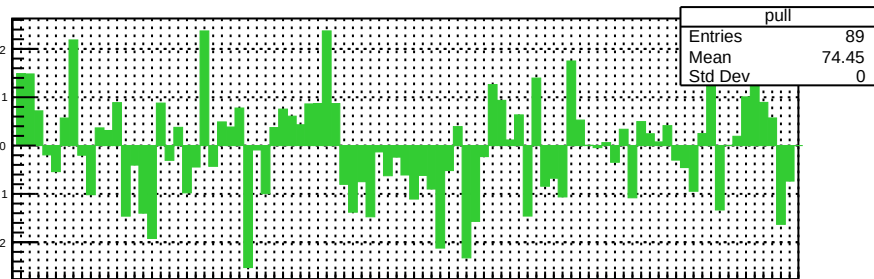
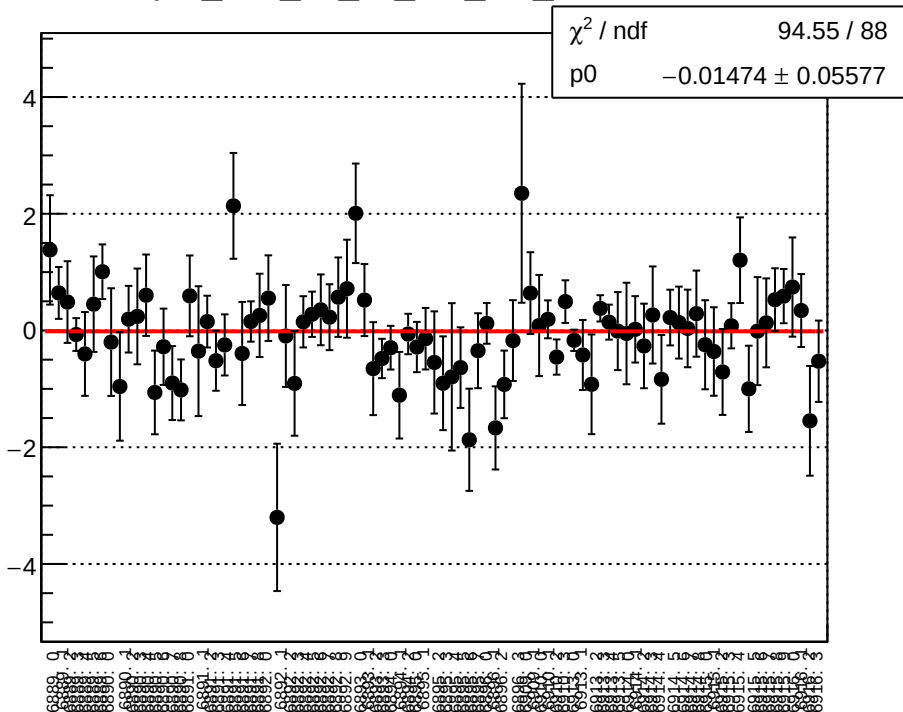
asym_atl1_reg_vs_cor_diff_mean vs run



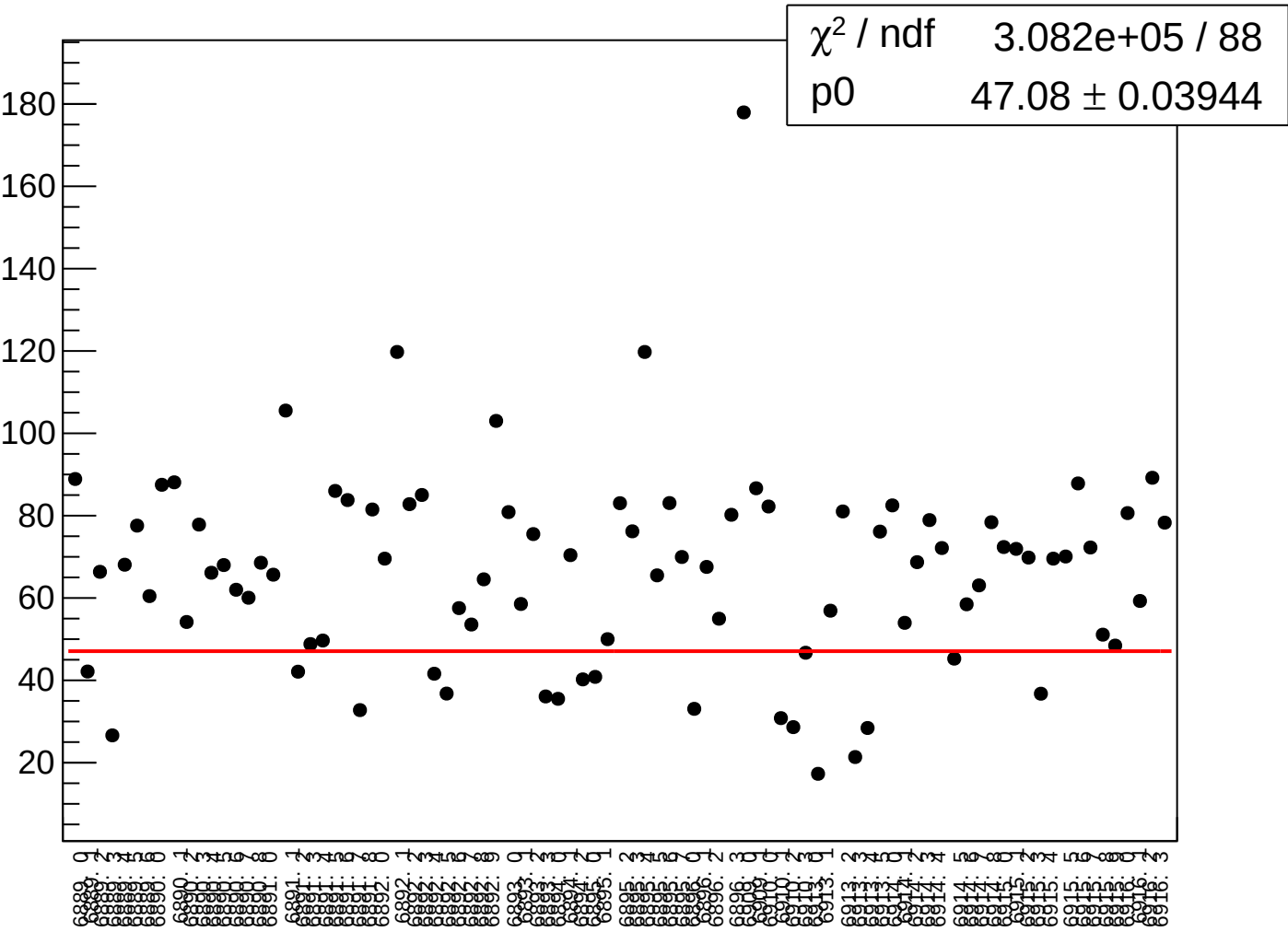
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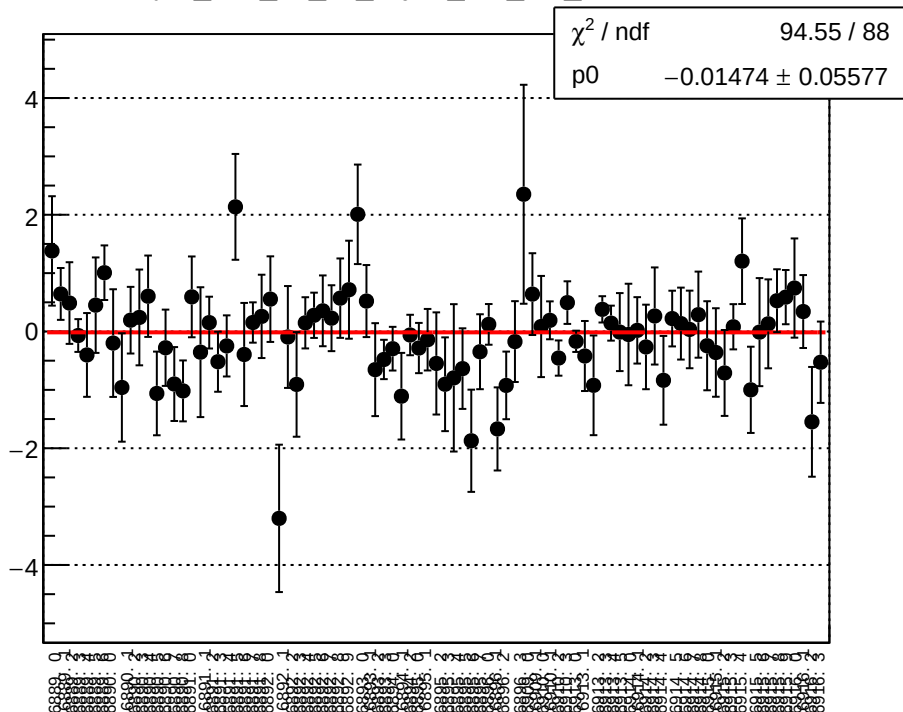
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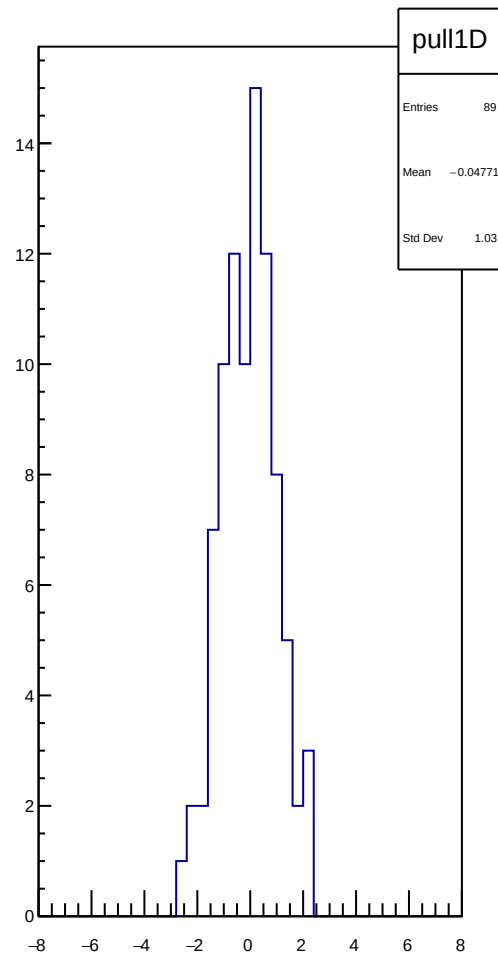
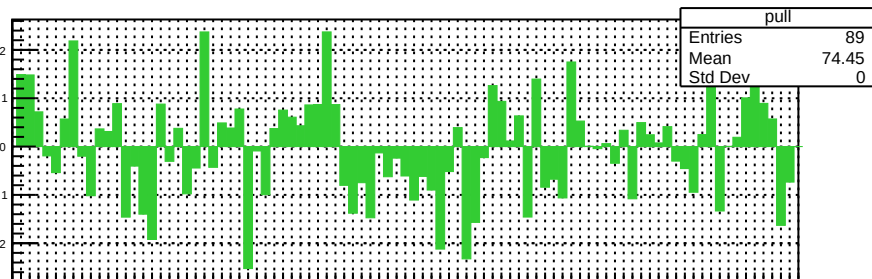
asym_atl1_dit_vs_cor_diff_rms vs run



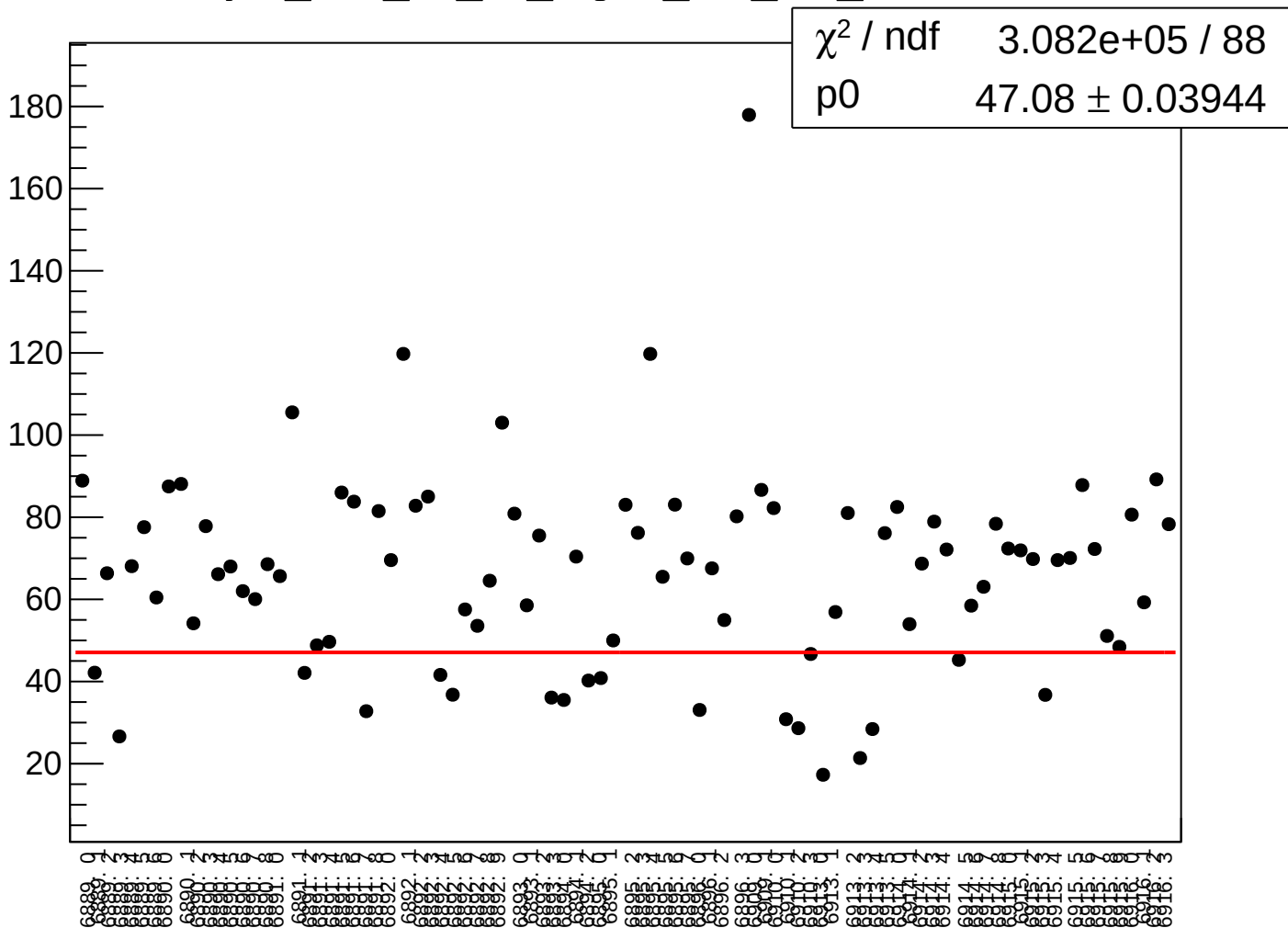
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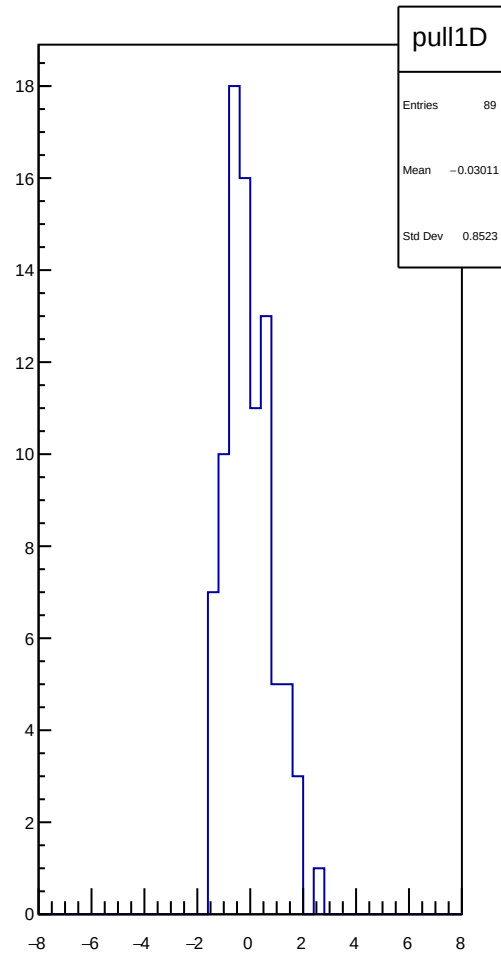
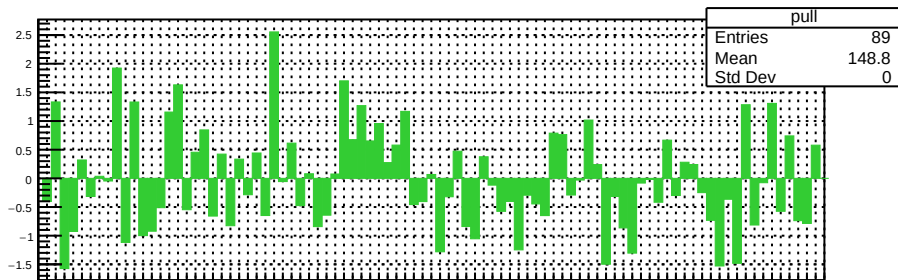
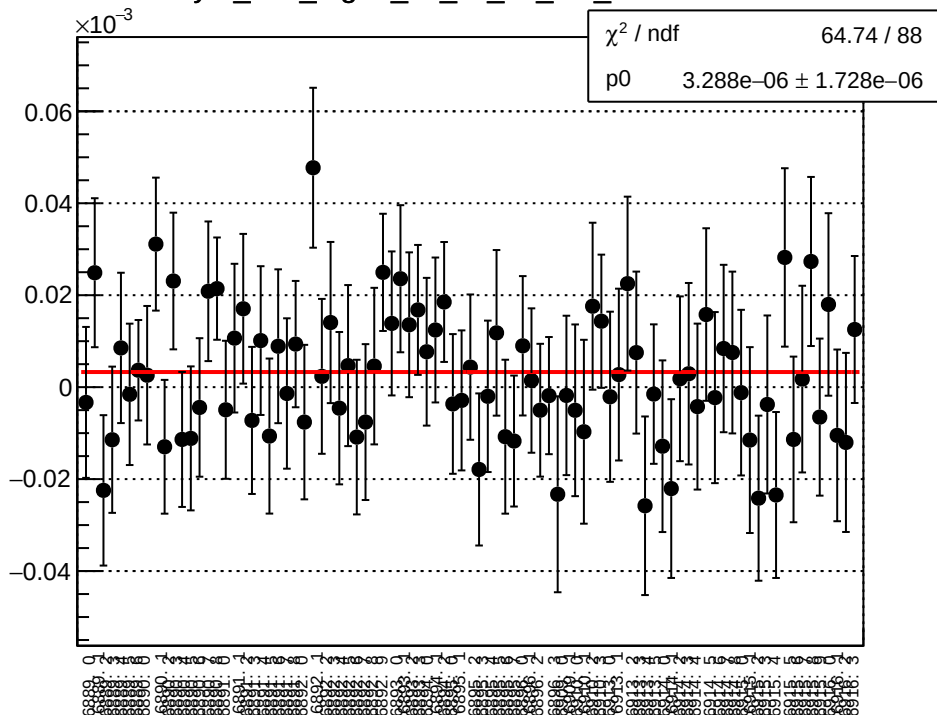
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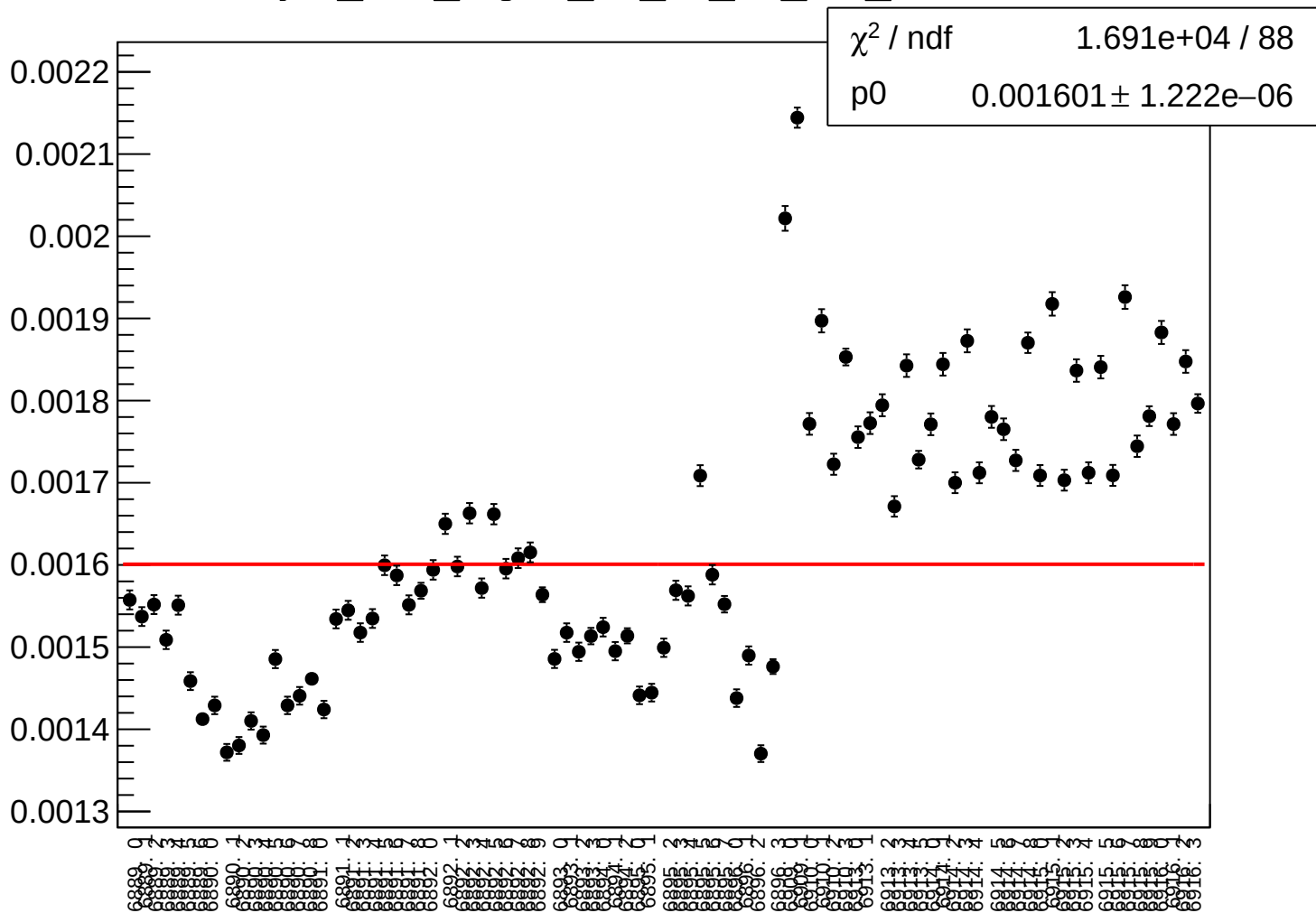
asym_atl1_dit_vs_eigen_cor_diff_rms vs run



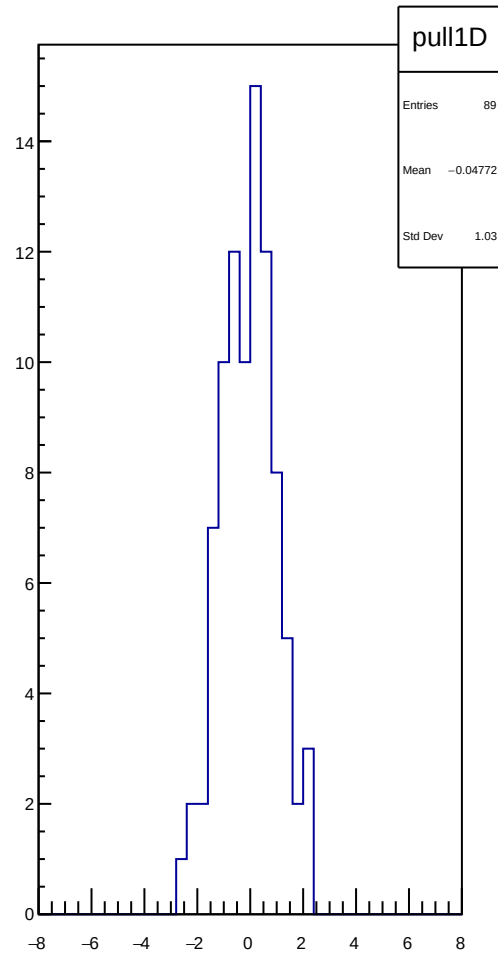
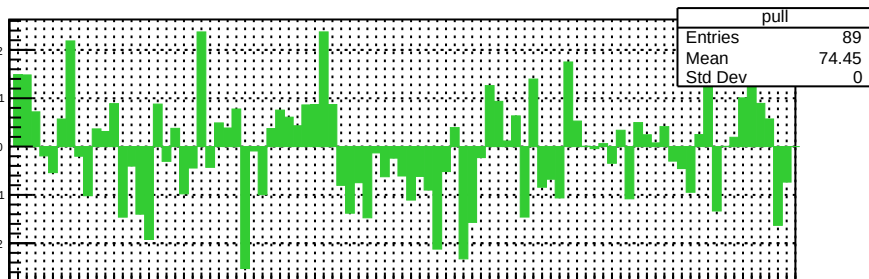
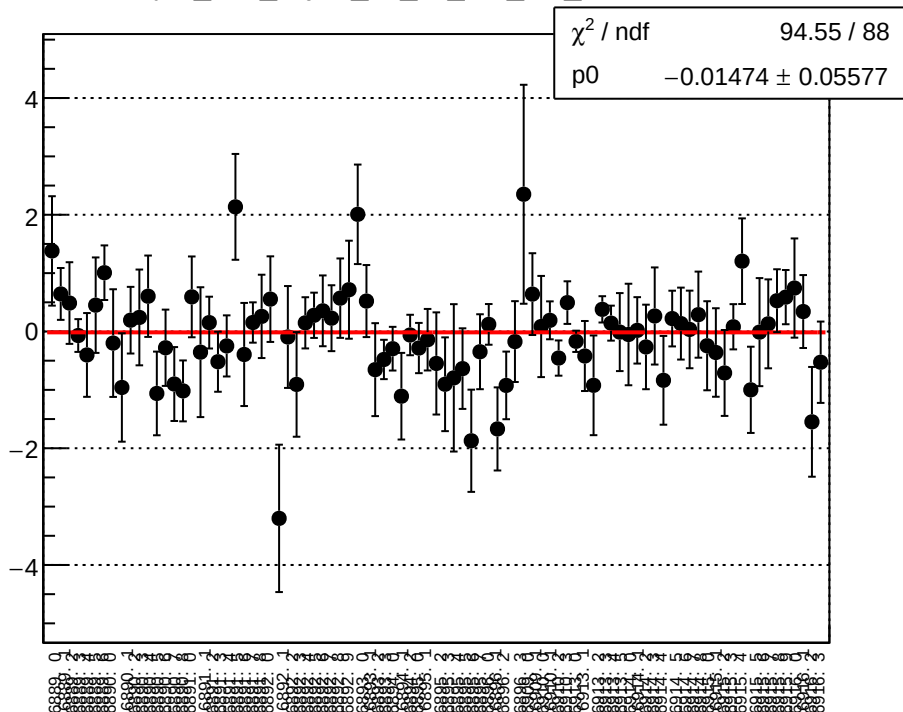
asym_atl1_eigen_dit_vs_dit_diff_mean vs run



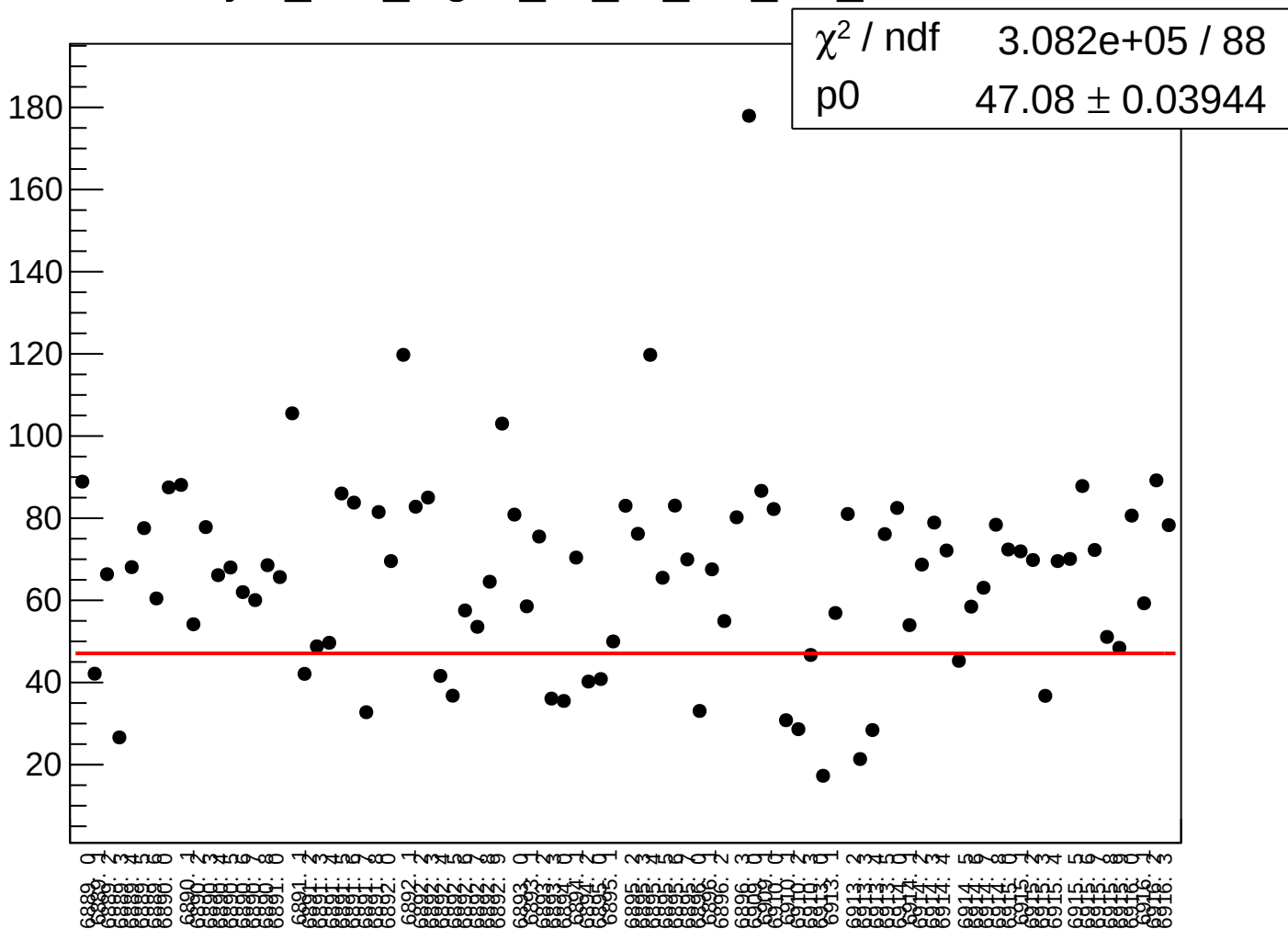
asym_atl1_eigen_dit_vs_dit_diff_rms vs run



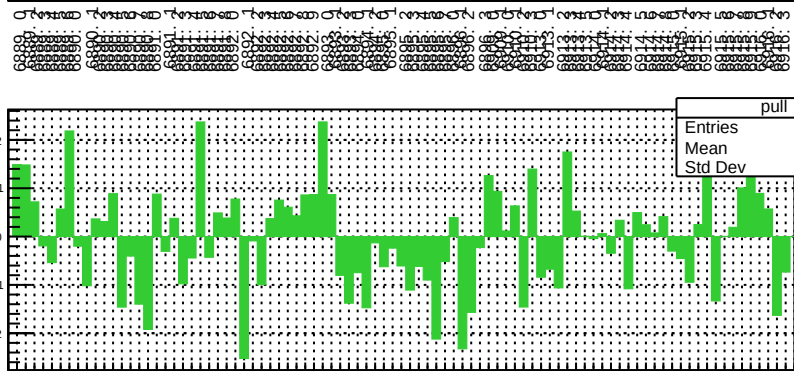
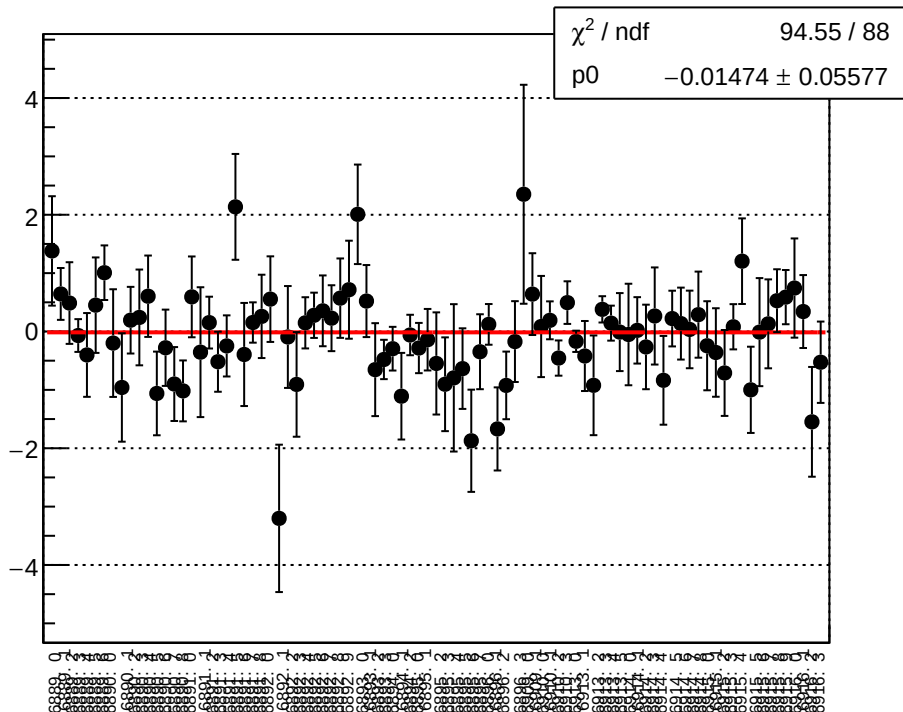
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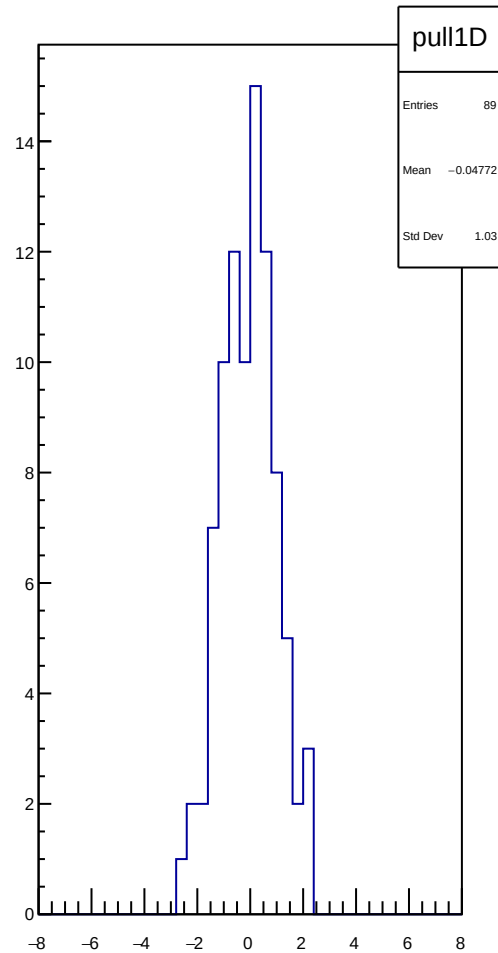
asym_atl1_eigen_dit_vs_cor_diff_rms vs run



asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs run

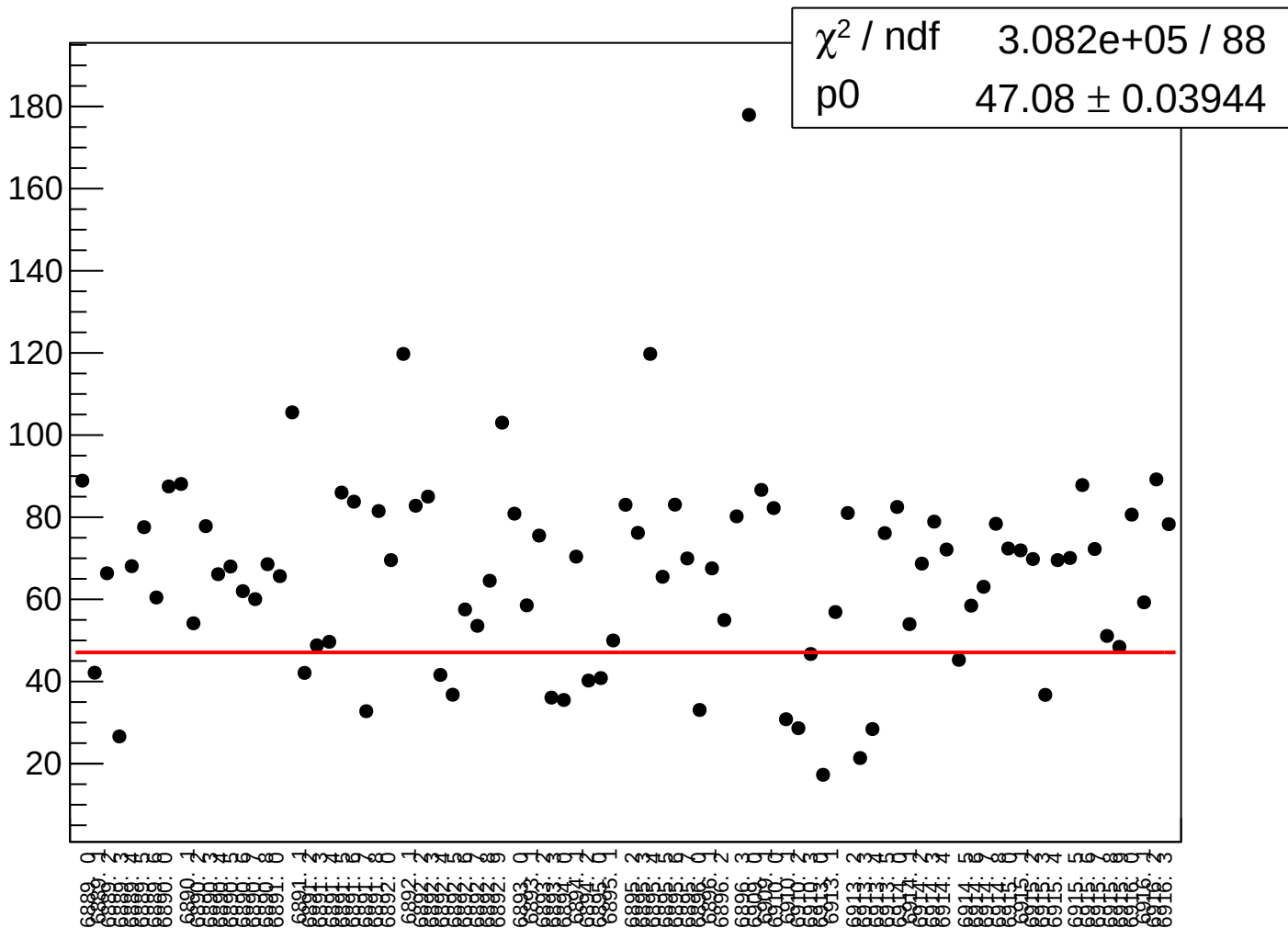


pull	
Entries	89
Mean	74.45
Std Dev	0

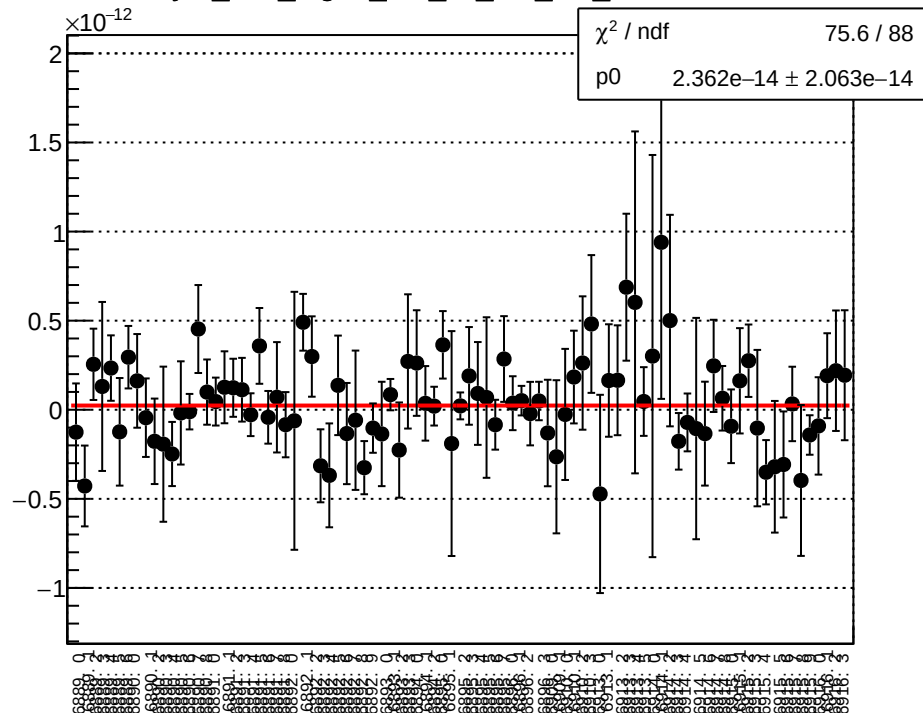


pull1D	
Entries	89
Mean	-0.04772
Std Dev	1.03

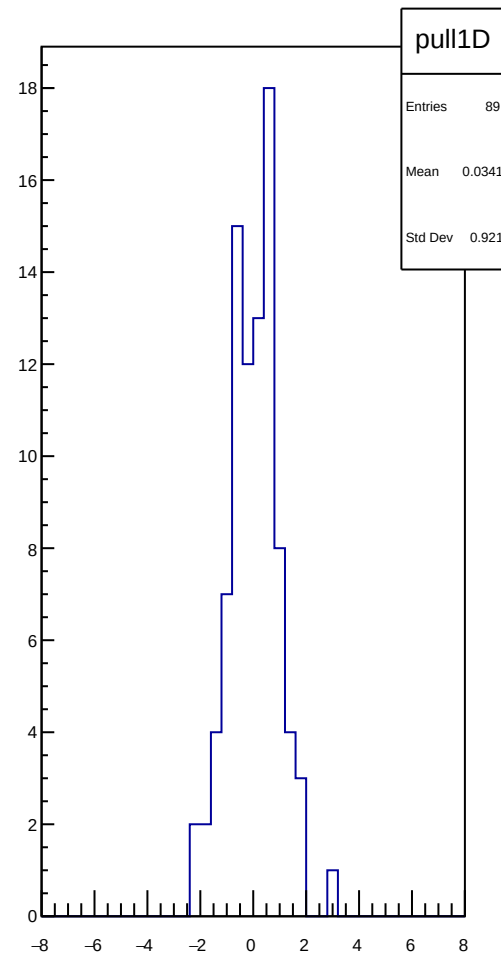
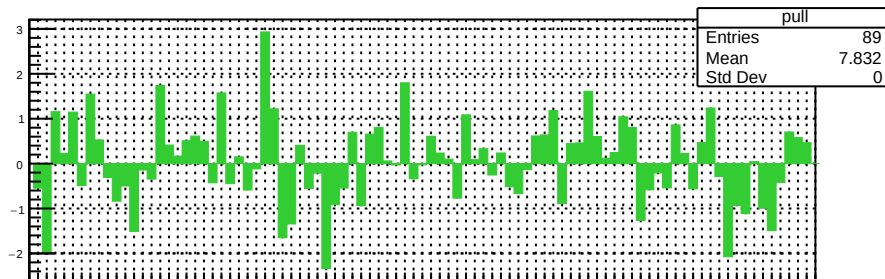
asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs run



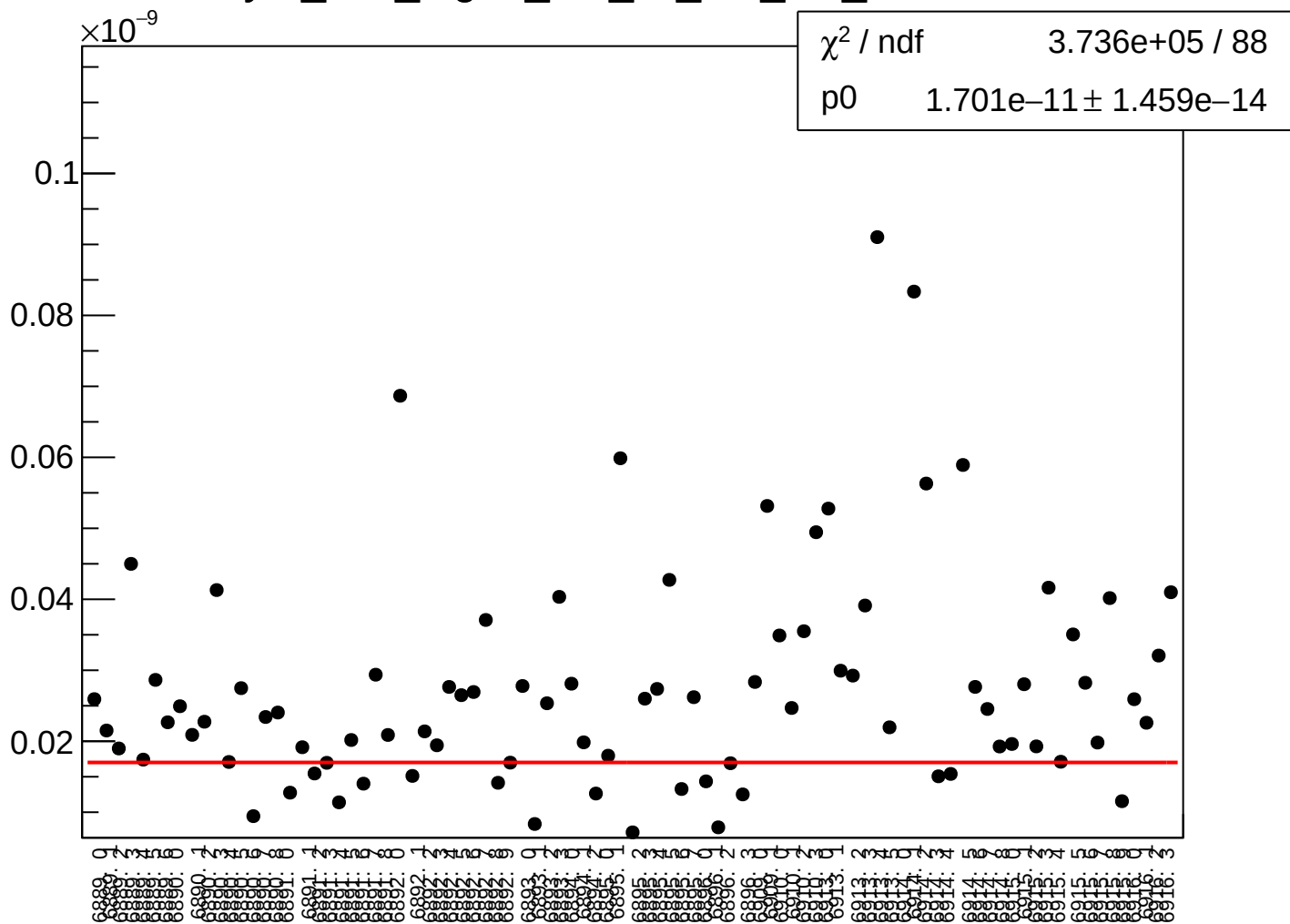
asym_atl1_eigen_cor_vs_cor_diff_mean vs run



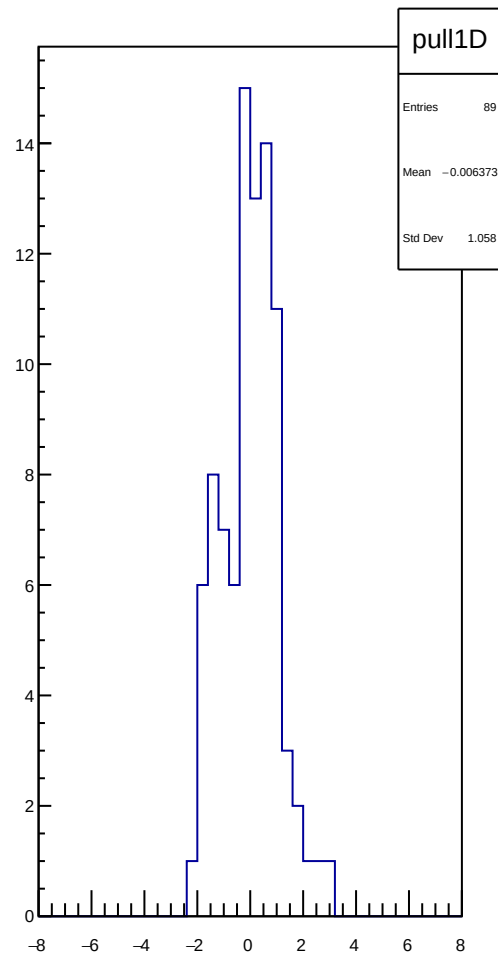
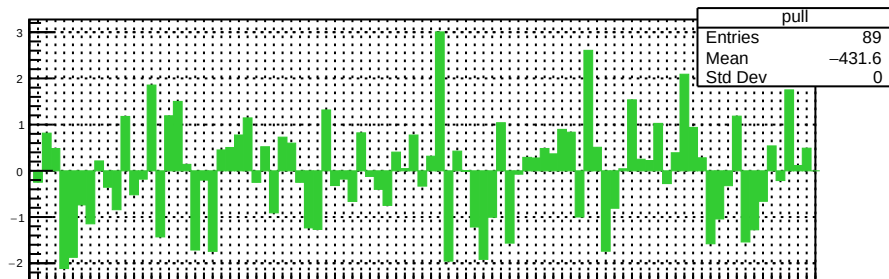
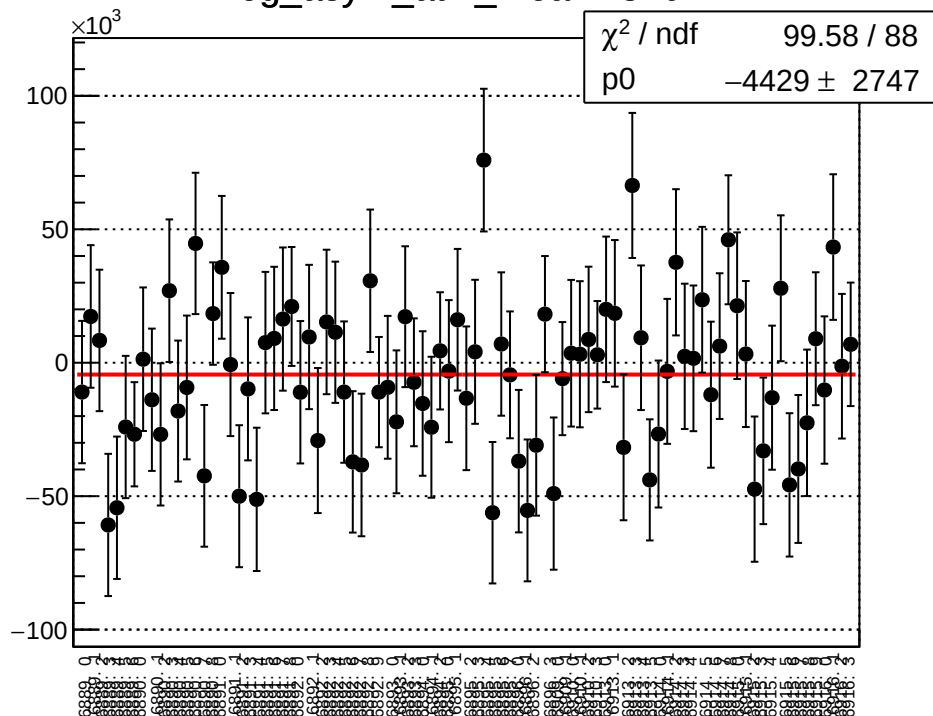
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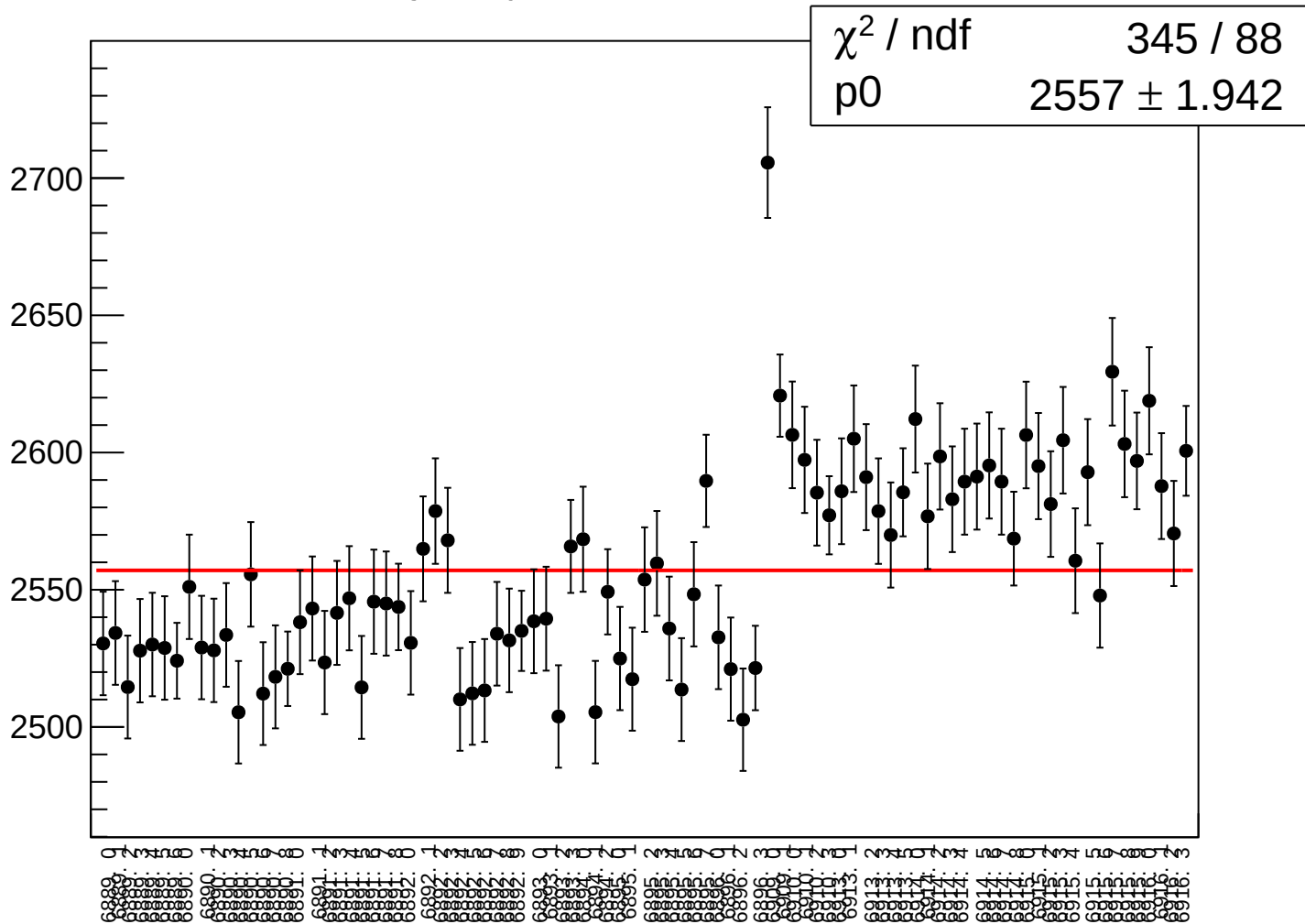
asym_atl1_eigen_cor_vs_cor_diff_rms vs run



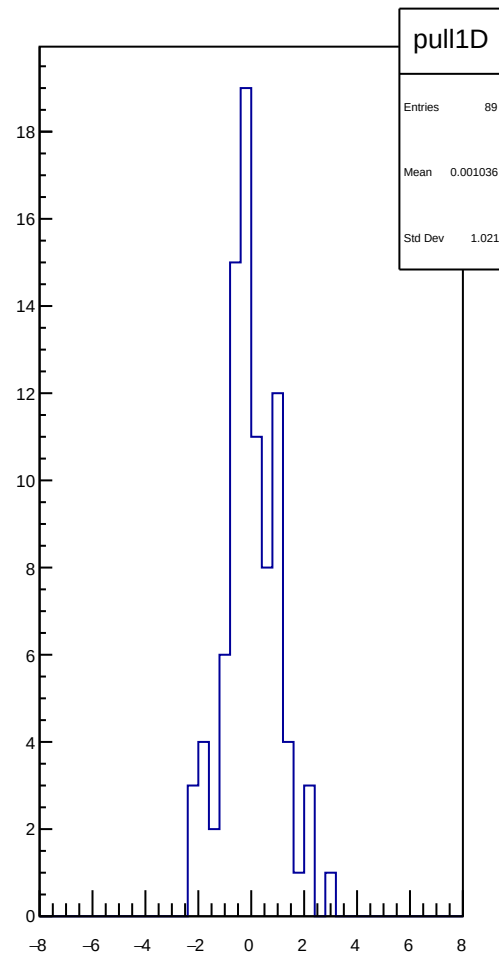
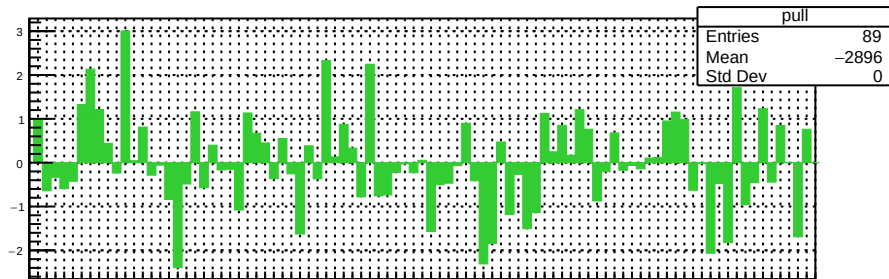
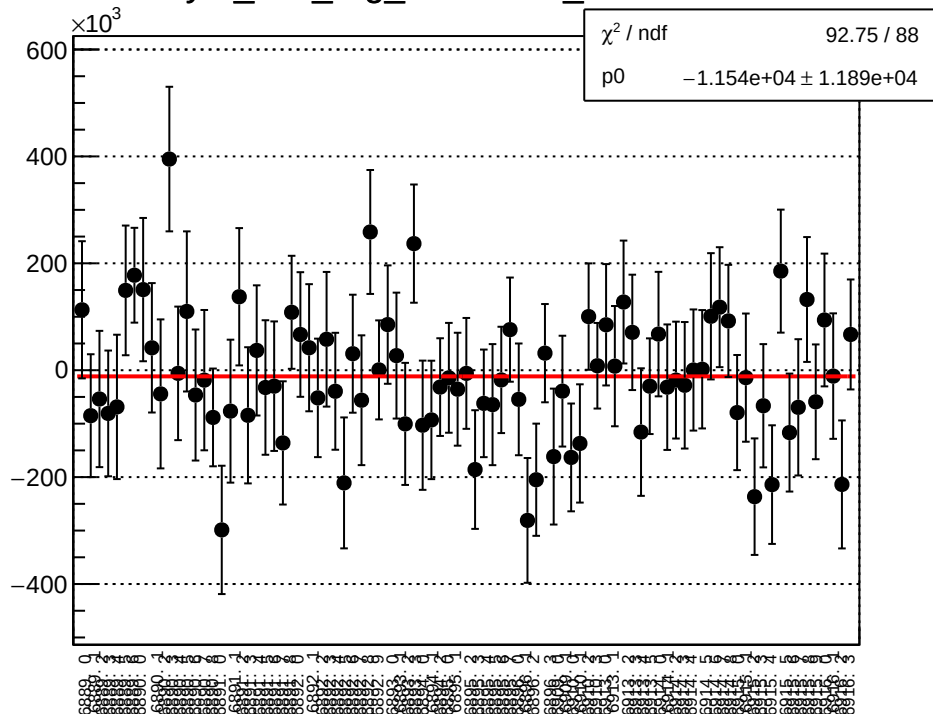
reg_asym_atl2_mean vs run



reg_asym_atl2_rms vs run

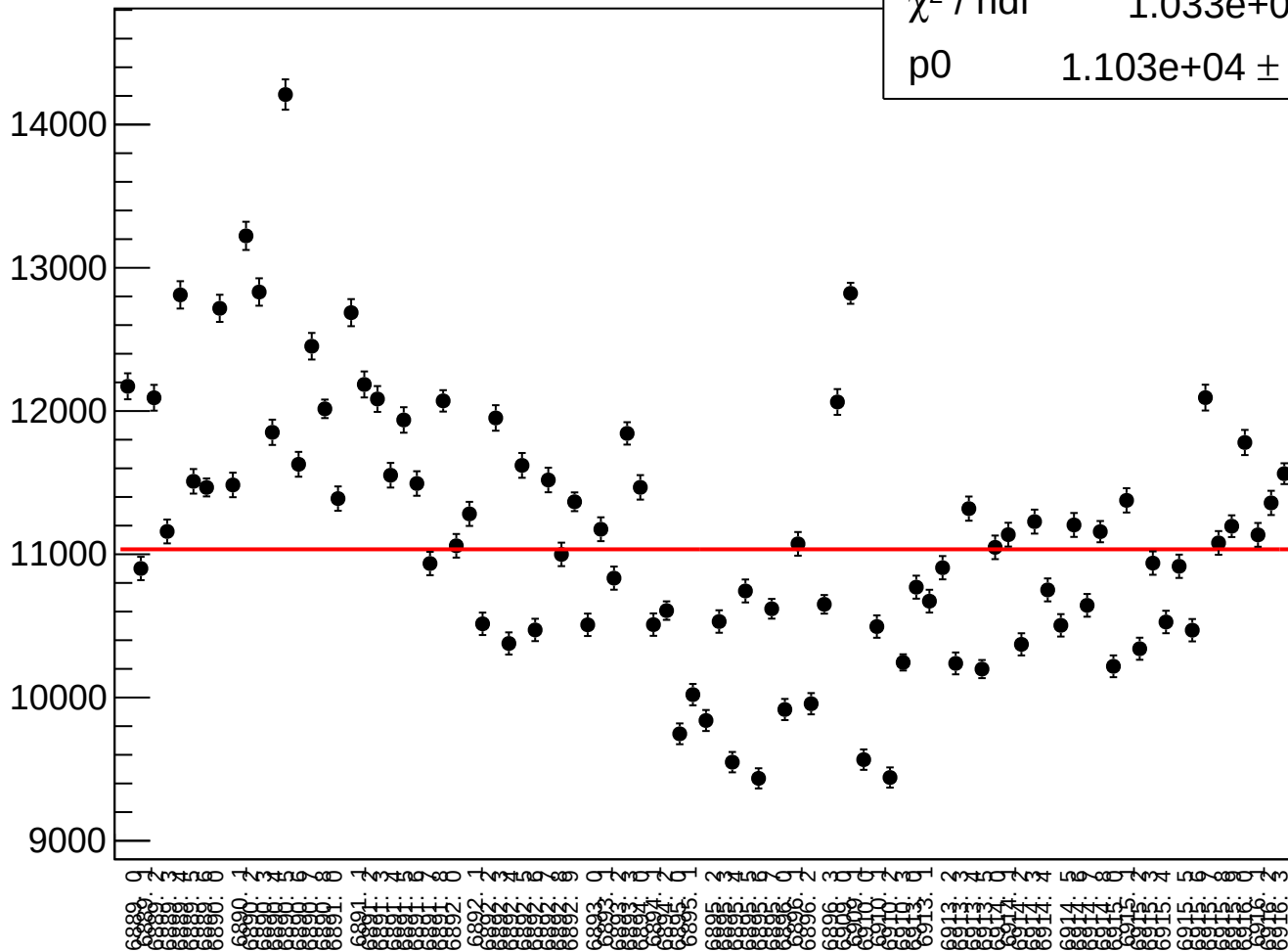


asym_atl2_reg_correction_mean vs run

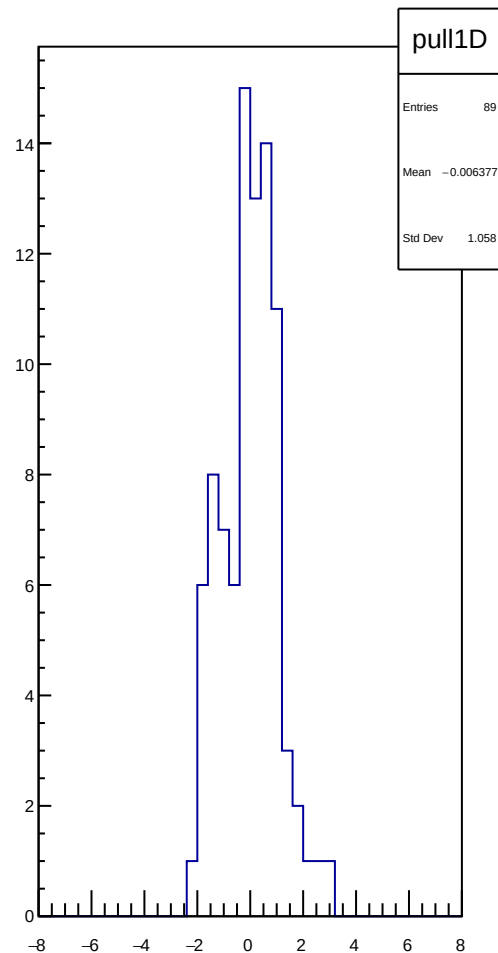
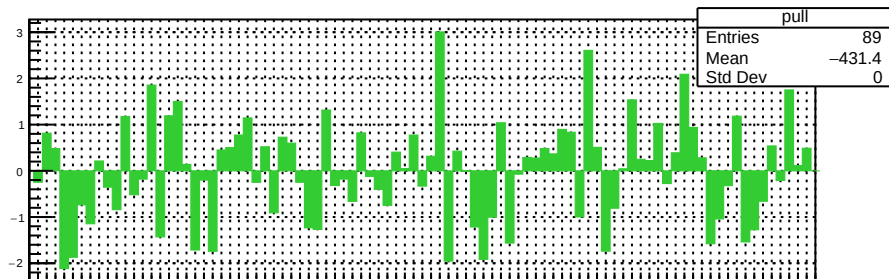
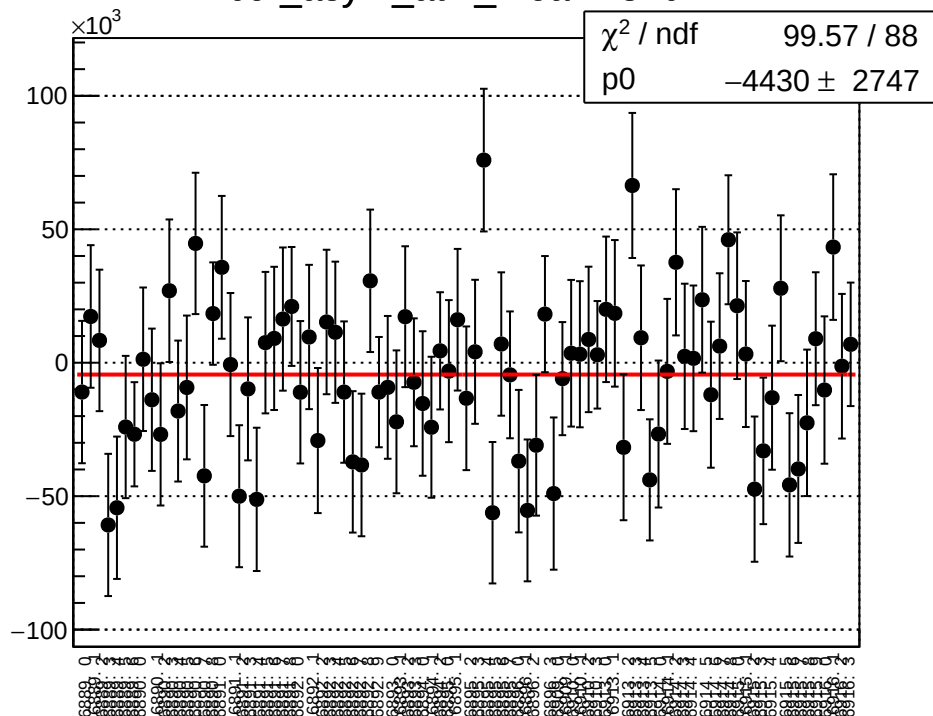


asym_atl2_reg_correction_rms vs run

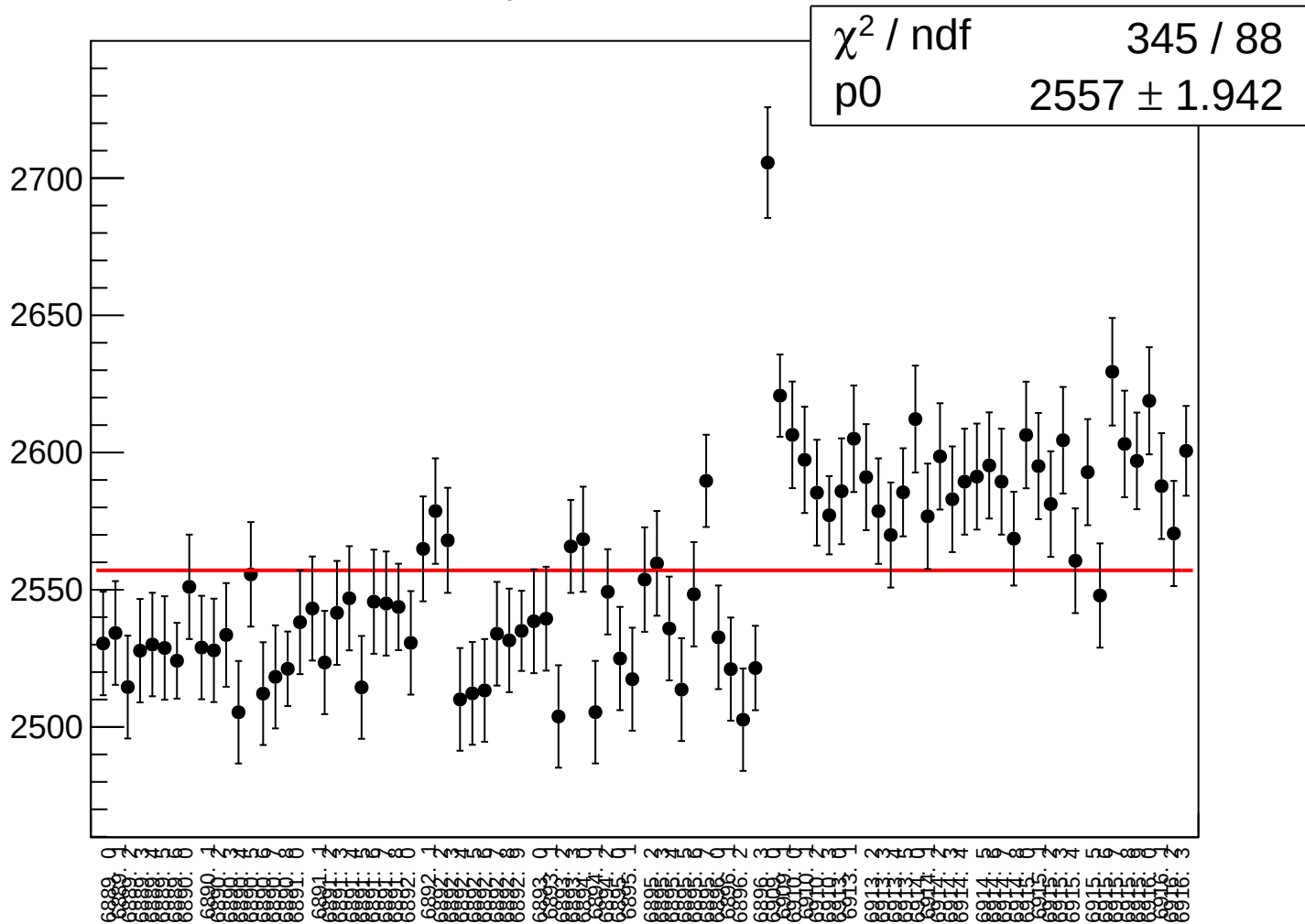
χ^2 / ndf 1.033e+04 / 88
p0 1.103e+04 $\pm$ 8.406



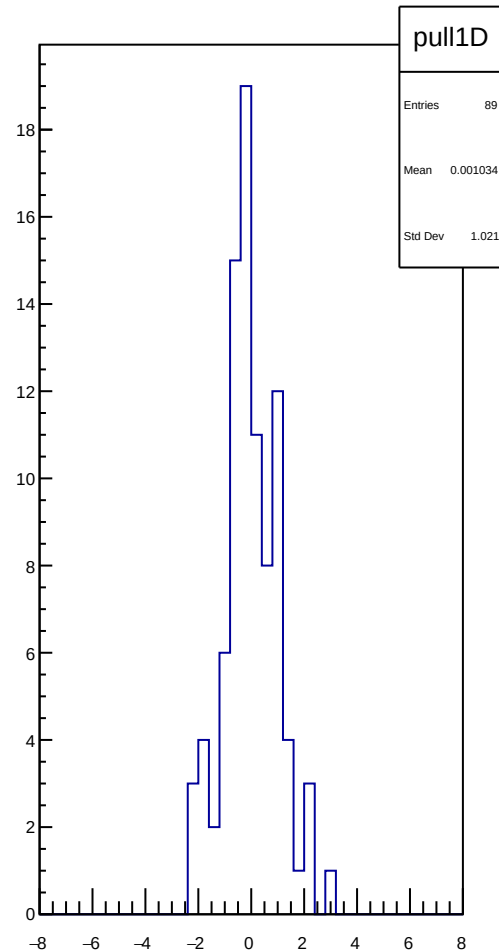
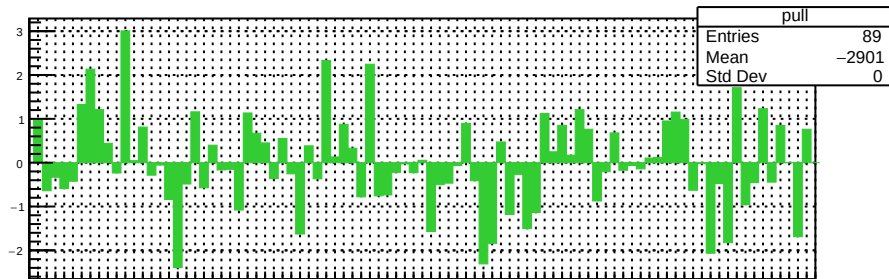
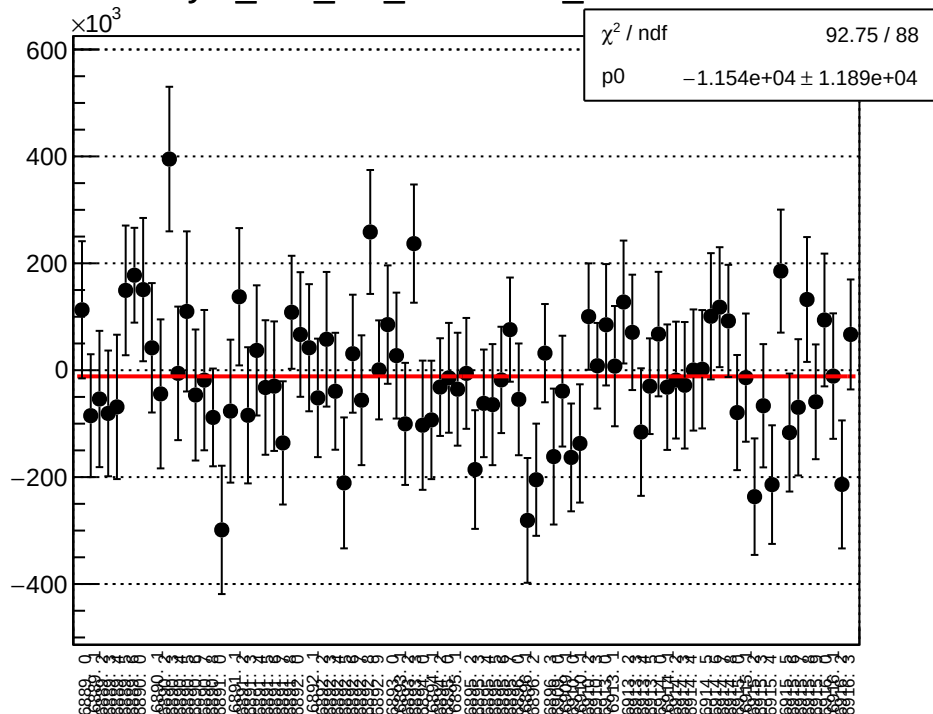
cor_asym_atl2_mean vs run



cor_asym_atl2_rms vs run

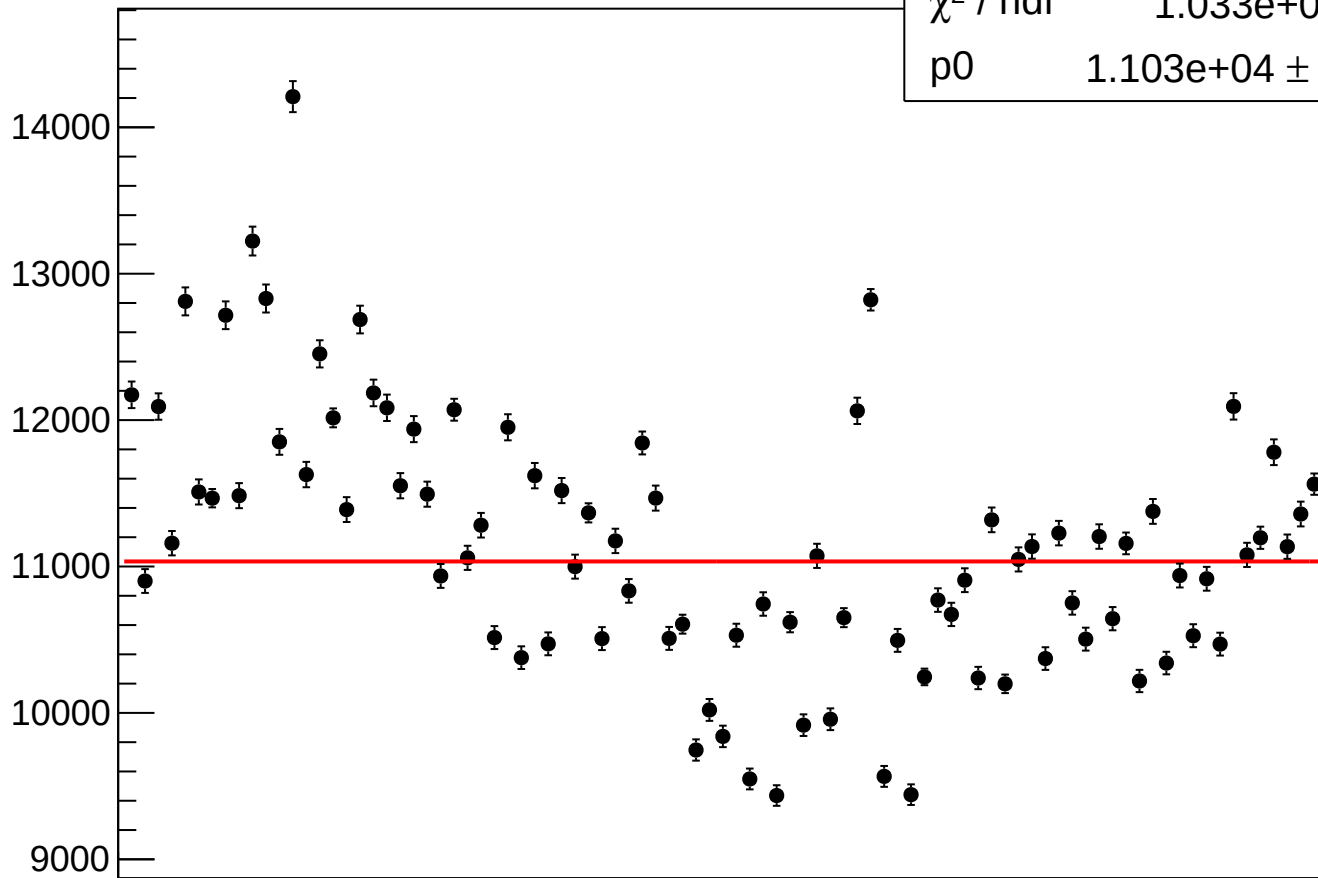


asym_atl2_cor_correction_mean vs run



asym_atl2_cor_correction_rms vs run

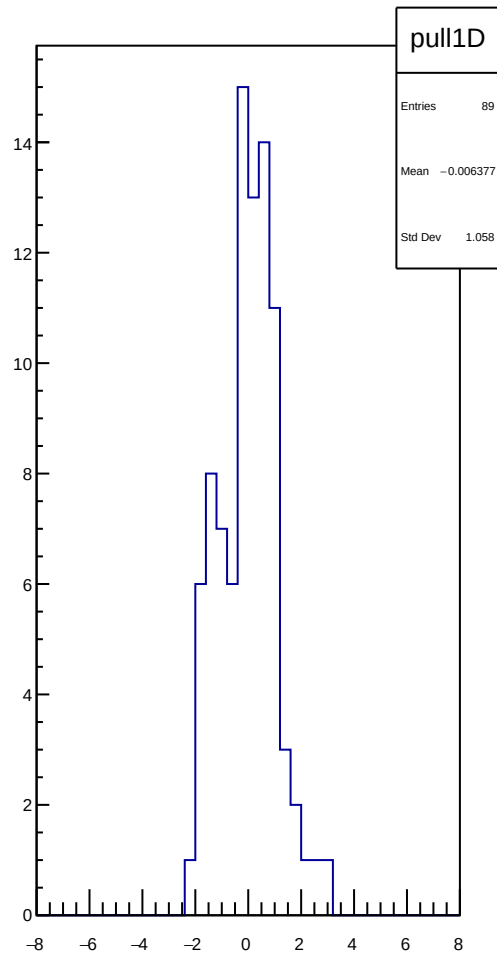
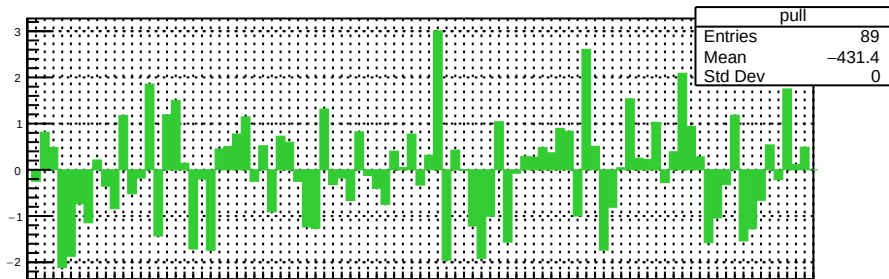
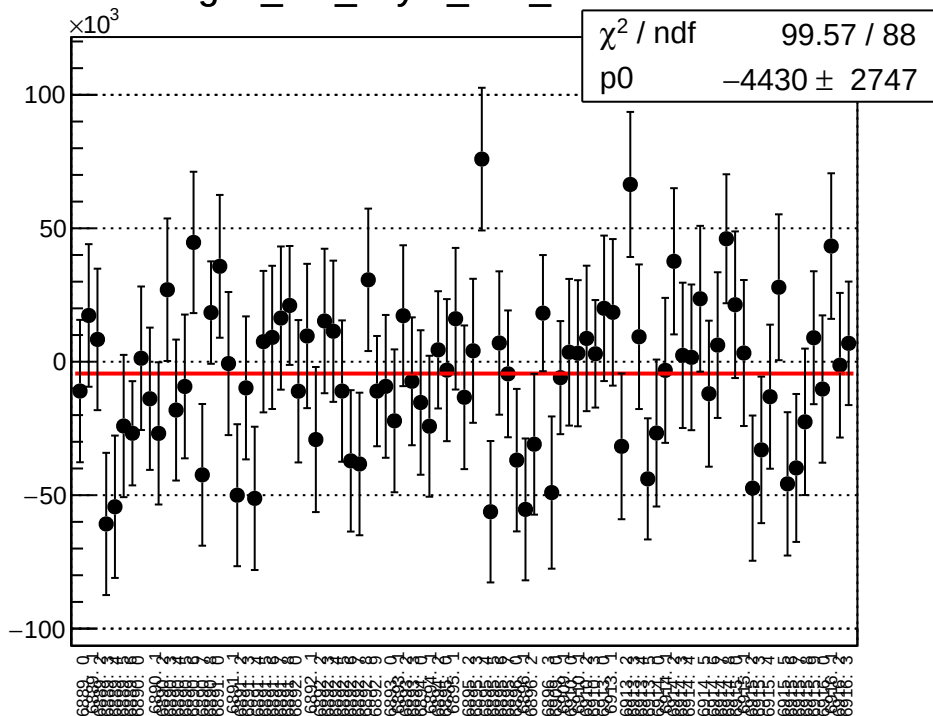
χ^2 / ndf 1.033e+04 / 88
p0 1.103e+04 $\pm$ 8.406



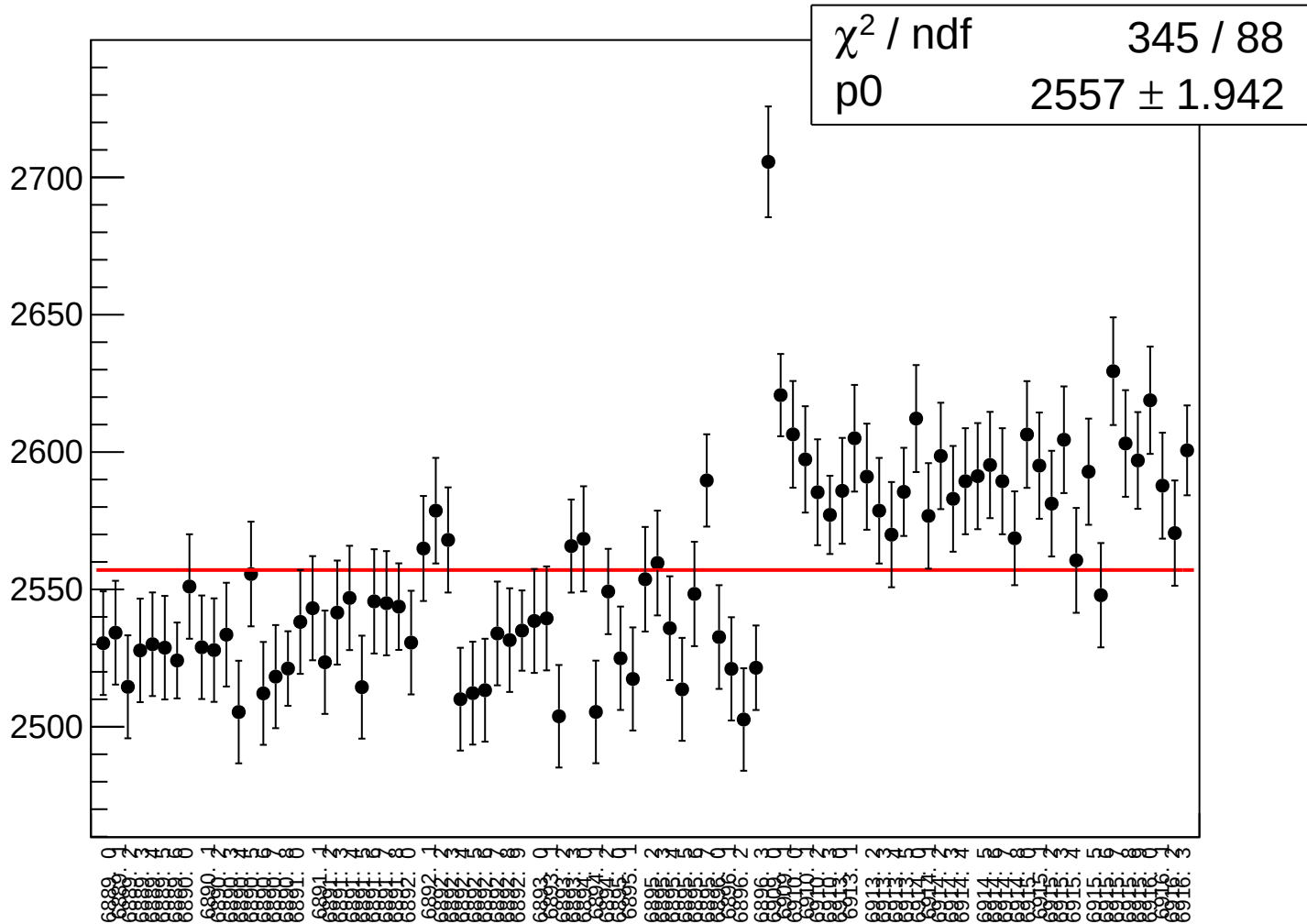
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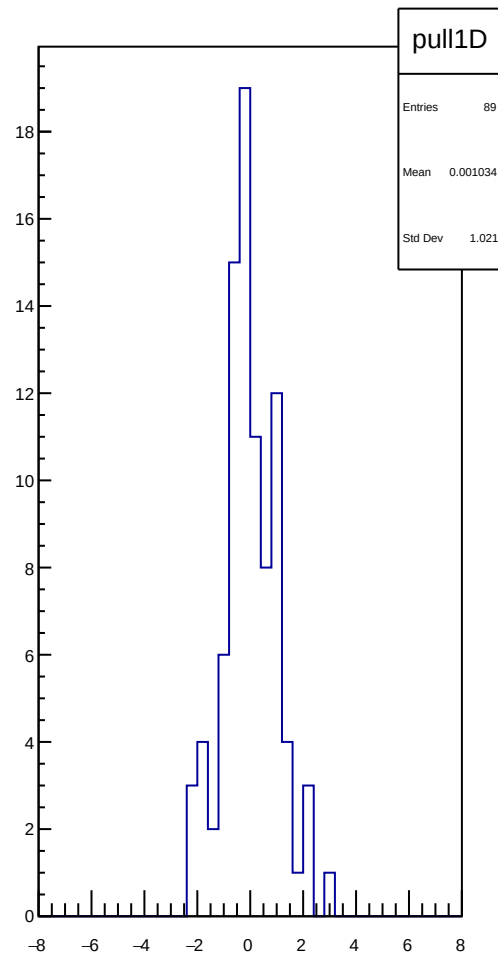
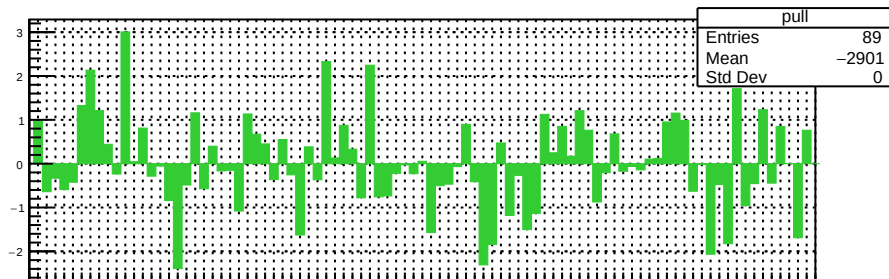
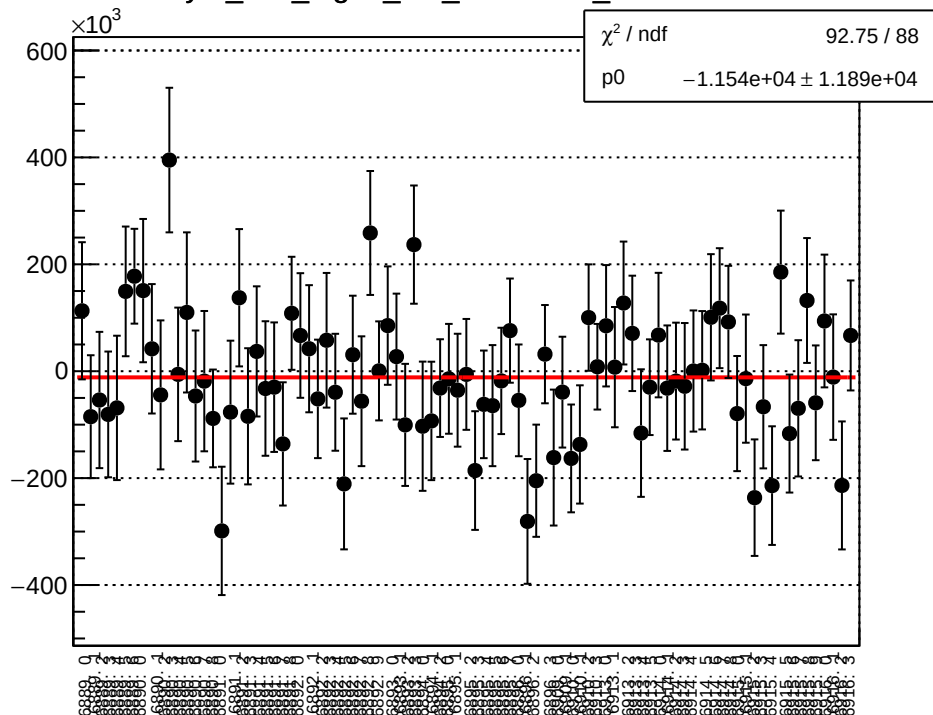
eigen_cor_asym_atl2_mean vs run



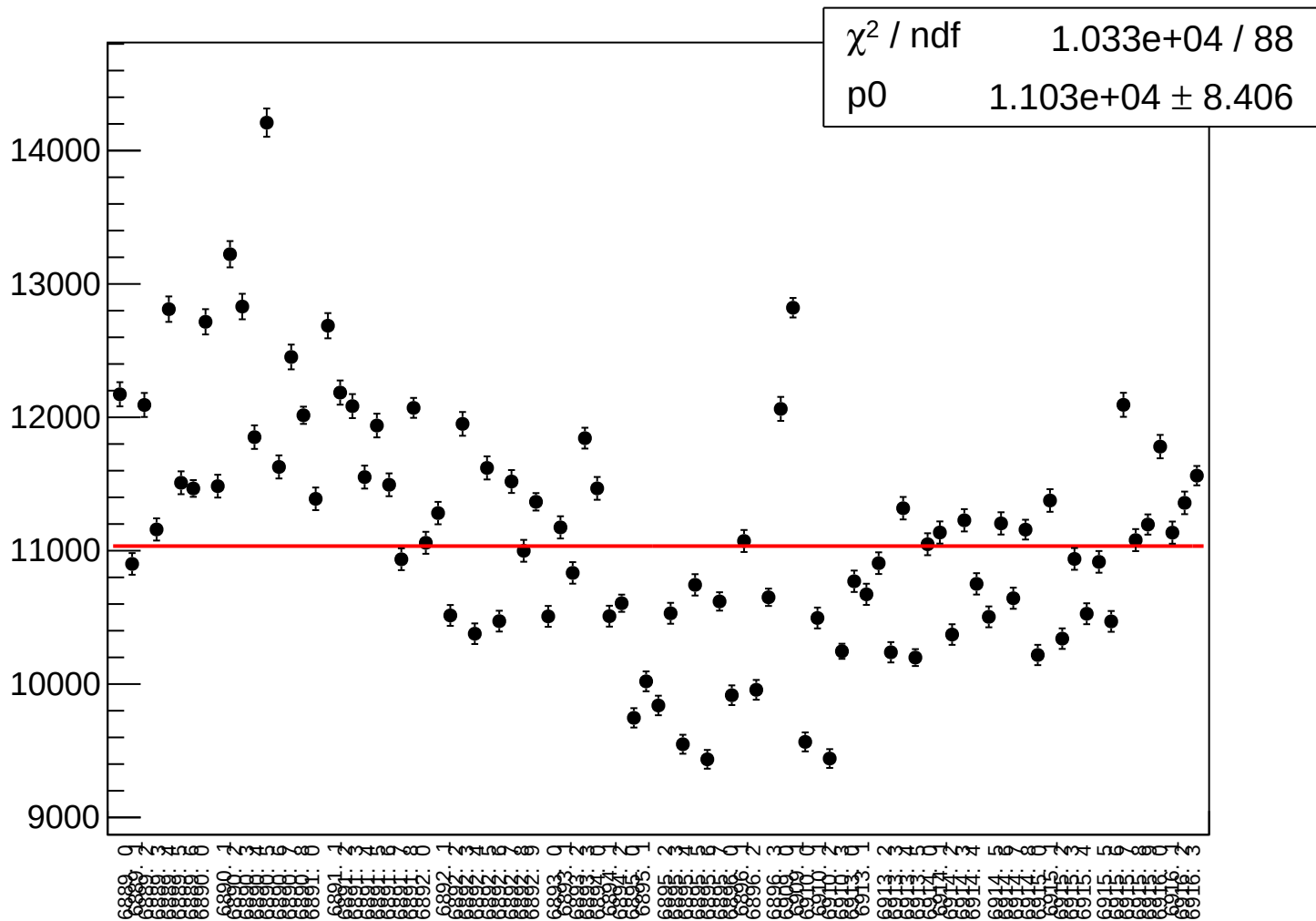
eigen_cor_asym_atl2_rms vs run



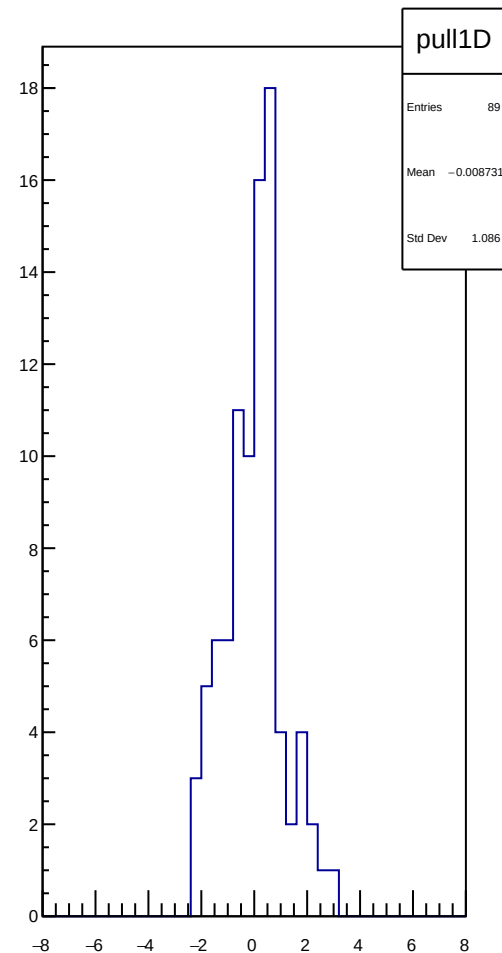
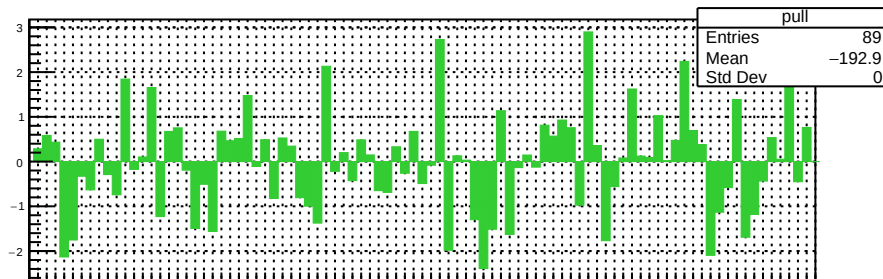
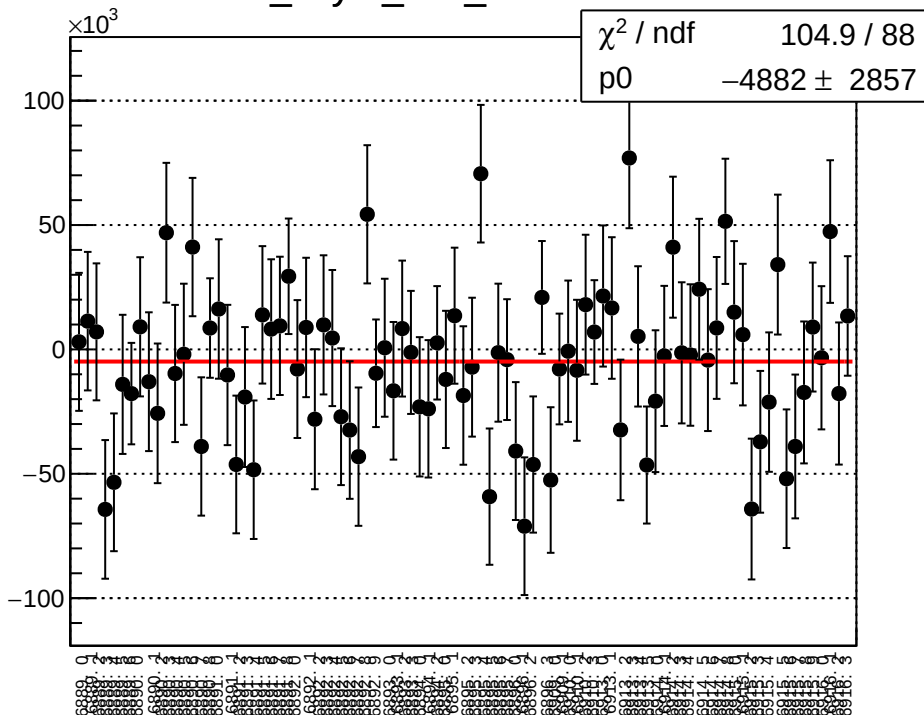
asym_atl2_eigen_cor_correction_mean vs run



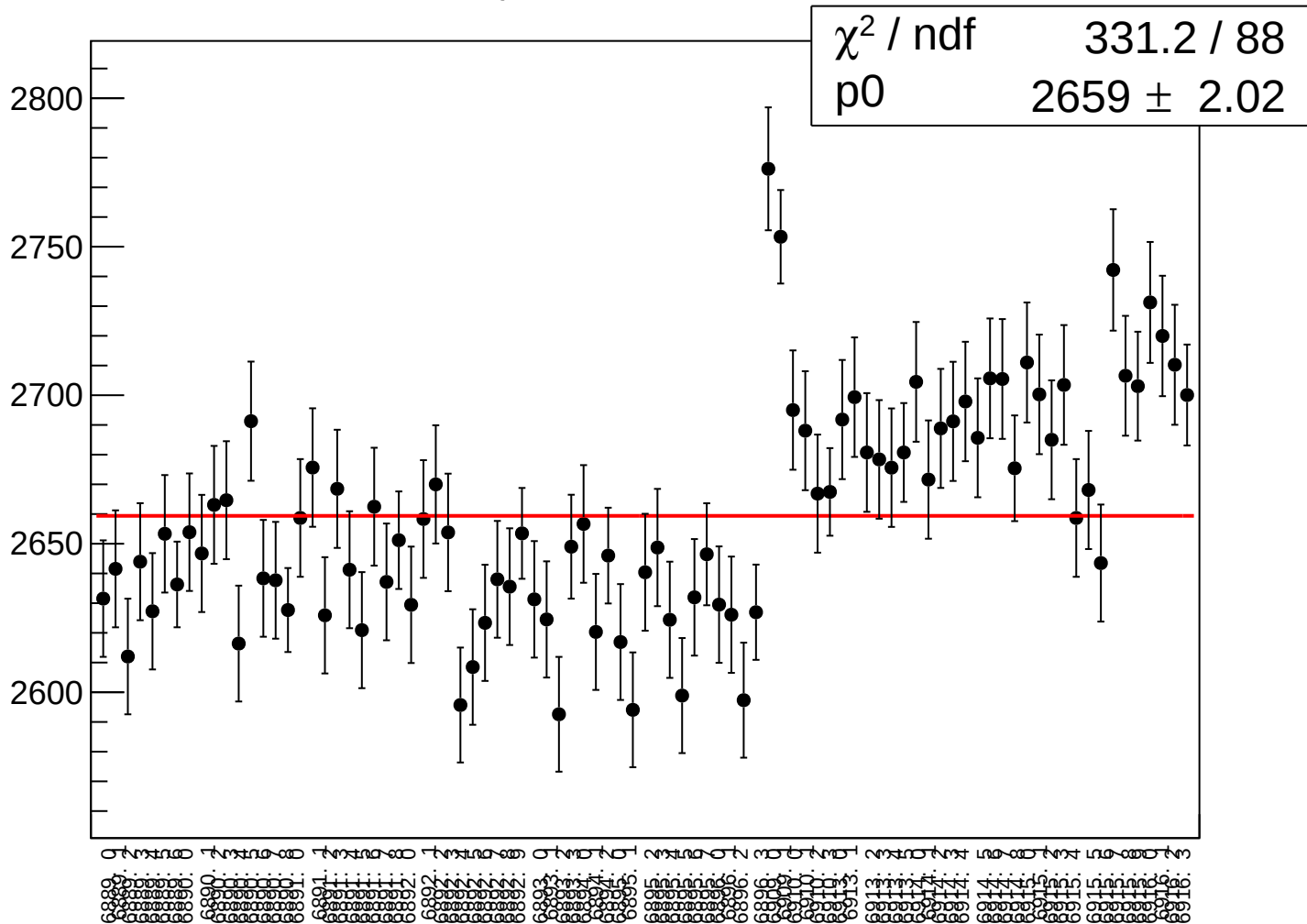
asym_atl2_eigen_cor_correction_rms vs run



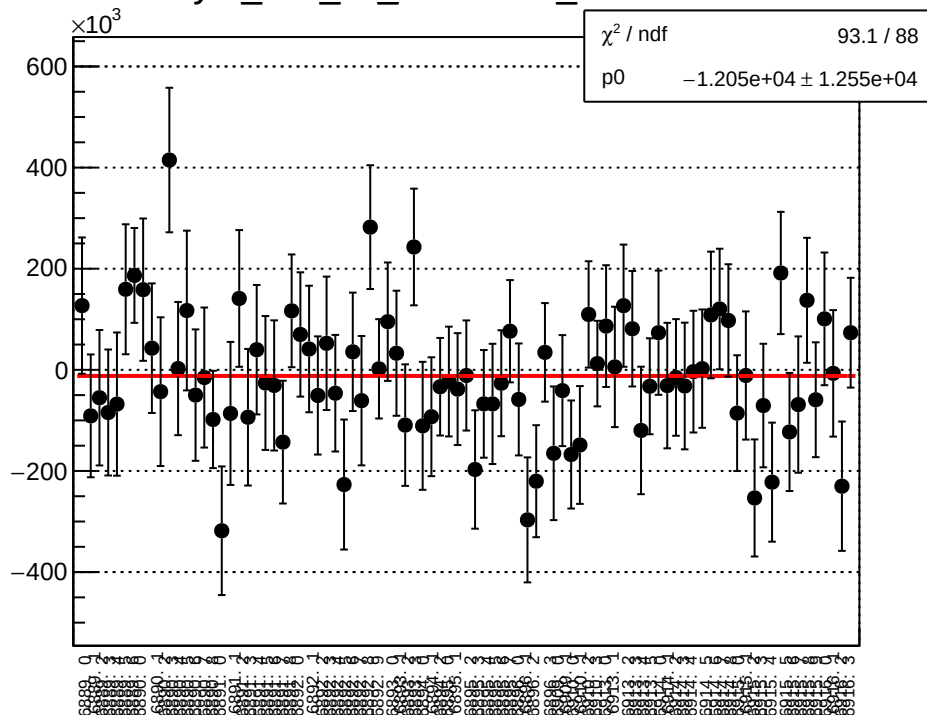
dit_asym_atl2_mean vs run



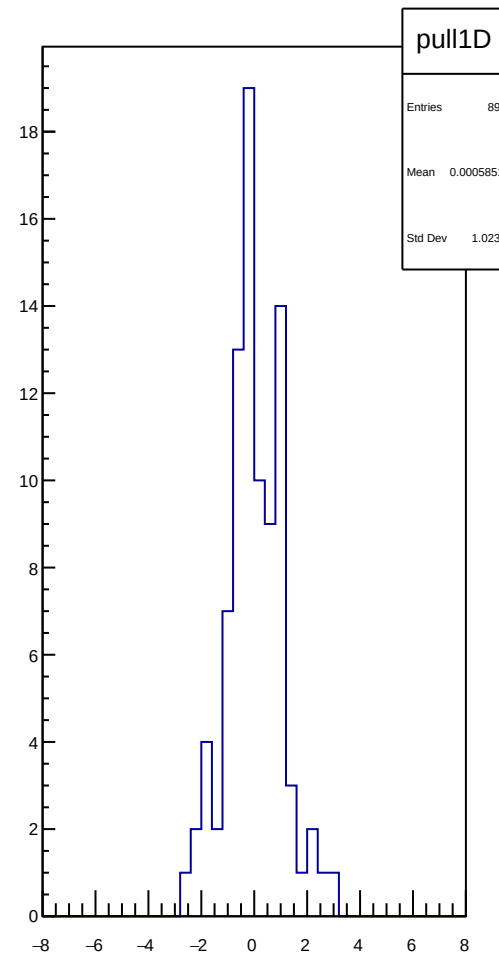
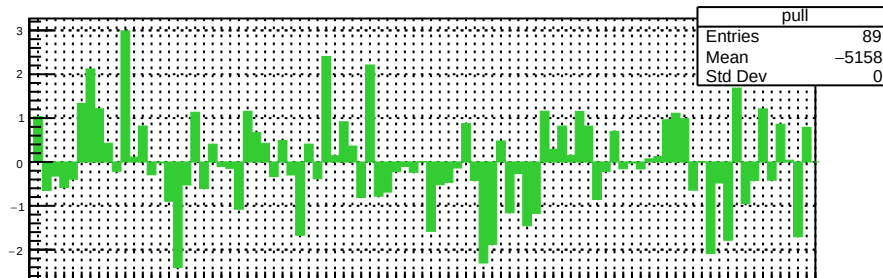
dit_asym_atl2_rms vs run



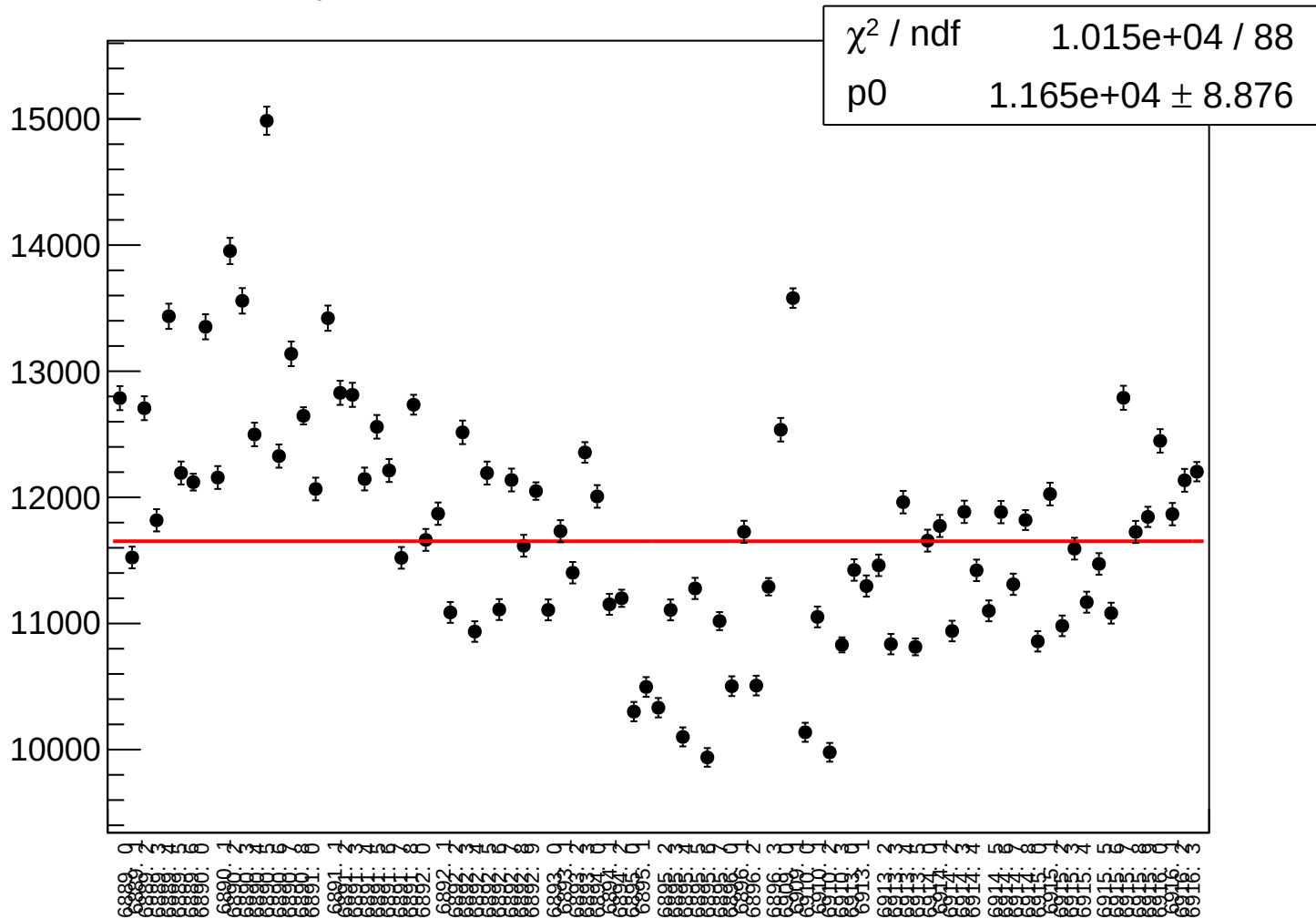
asym_atl2_dit_correction_mean vs run



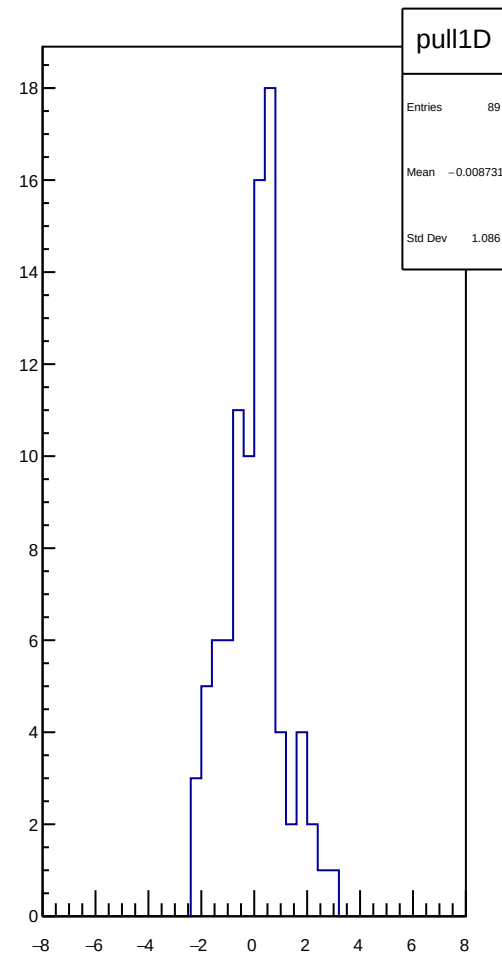
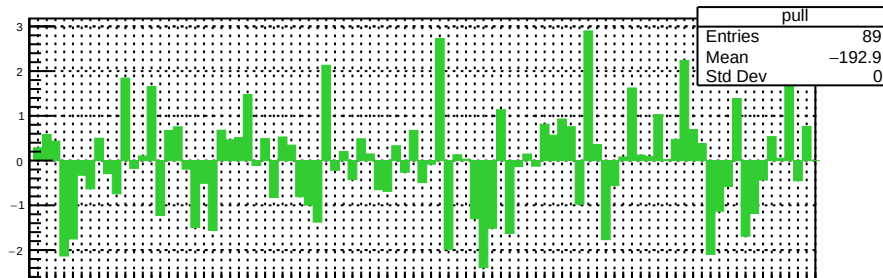
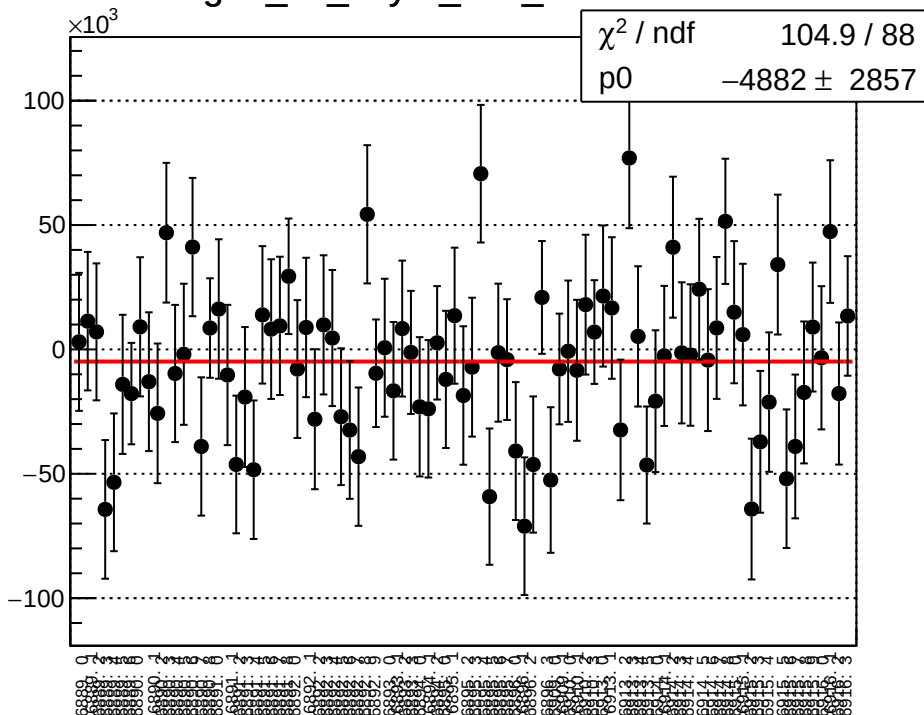
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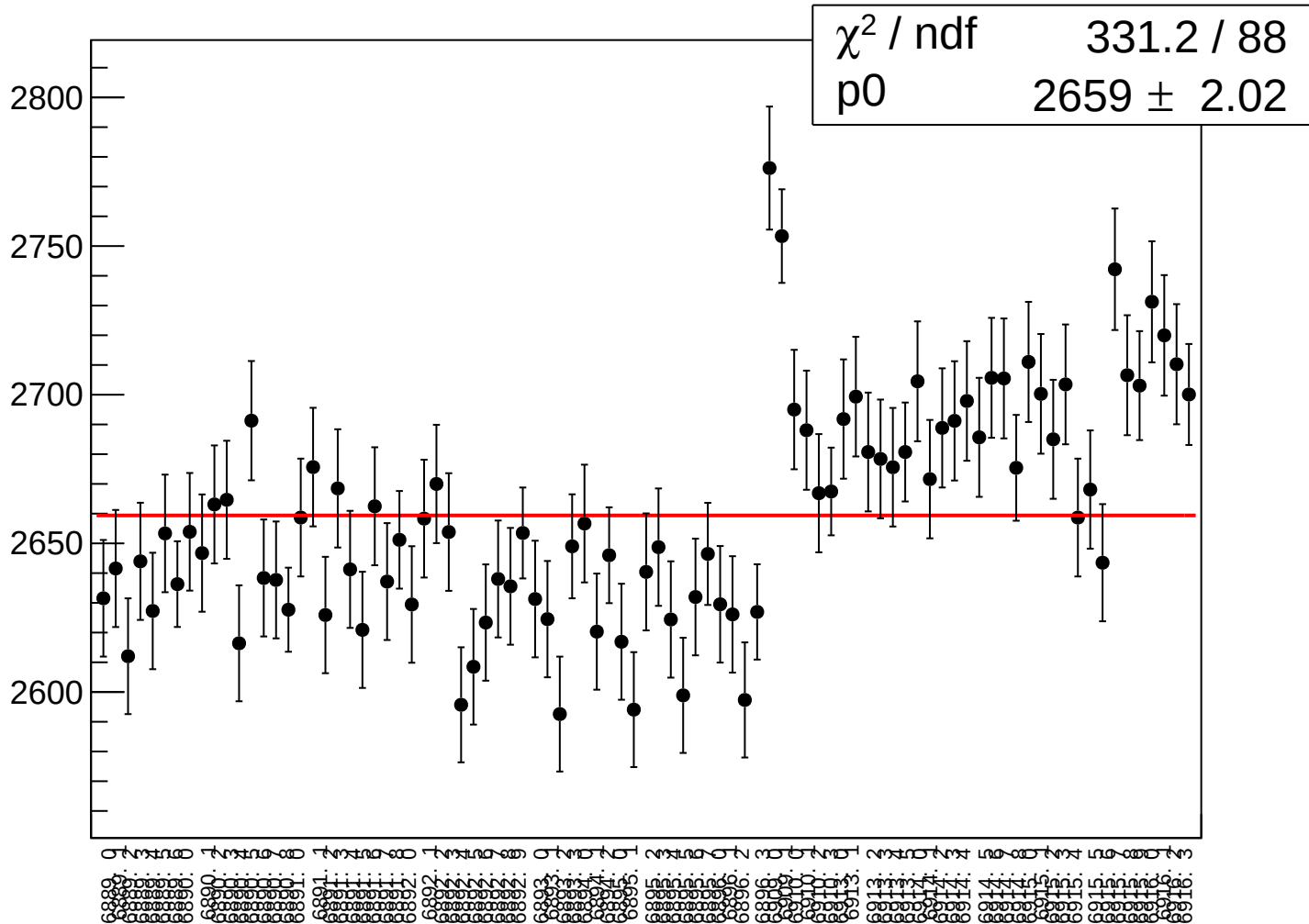
asym_atl2_dit_correction_rms vs run



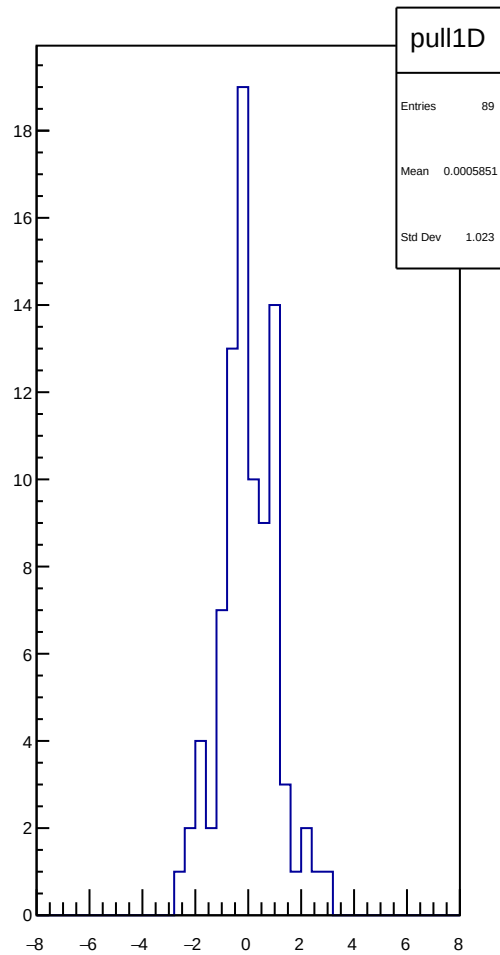
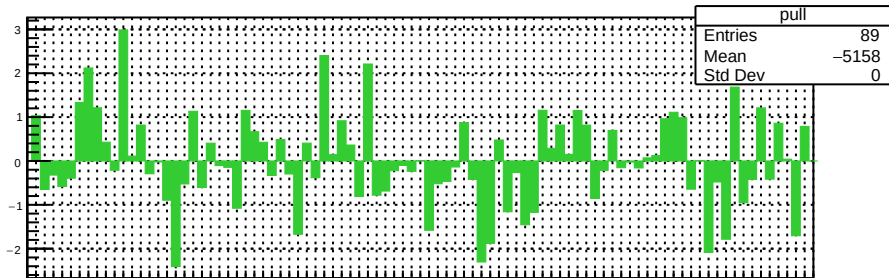
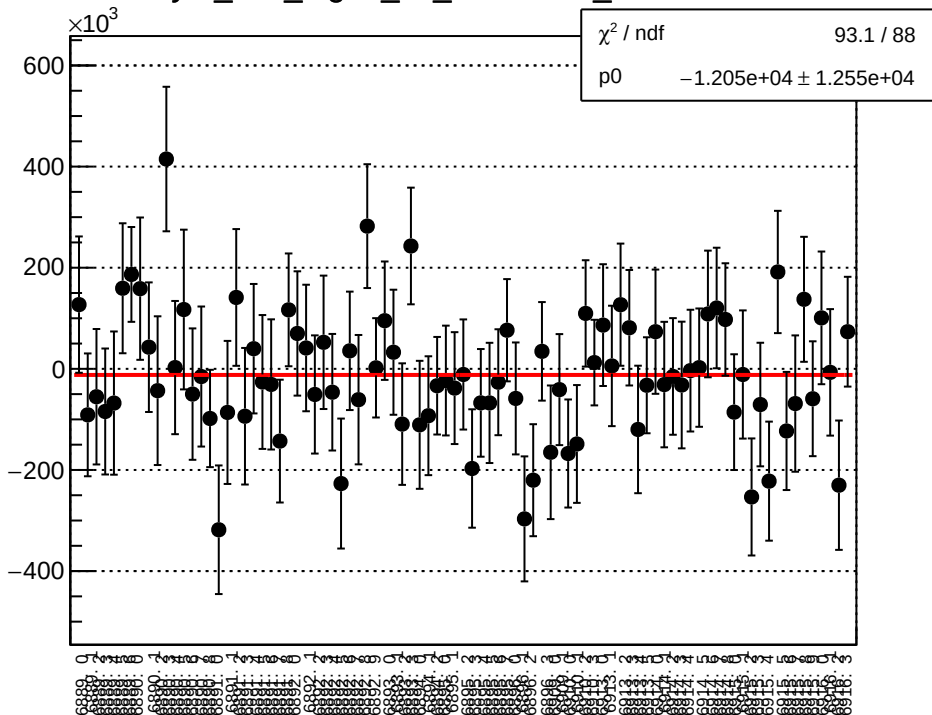
eigen_dit_asym_atl2_mean vs run



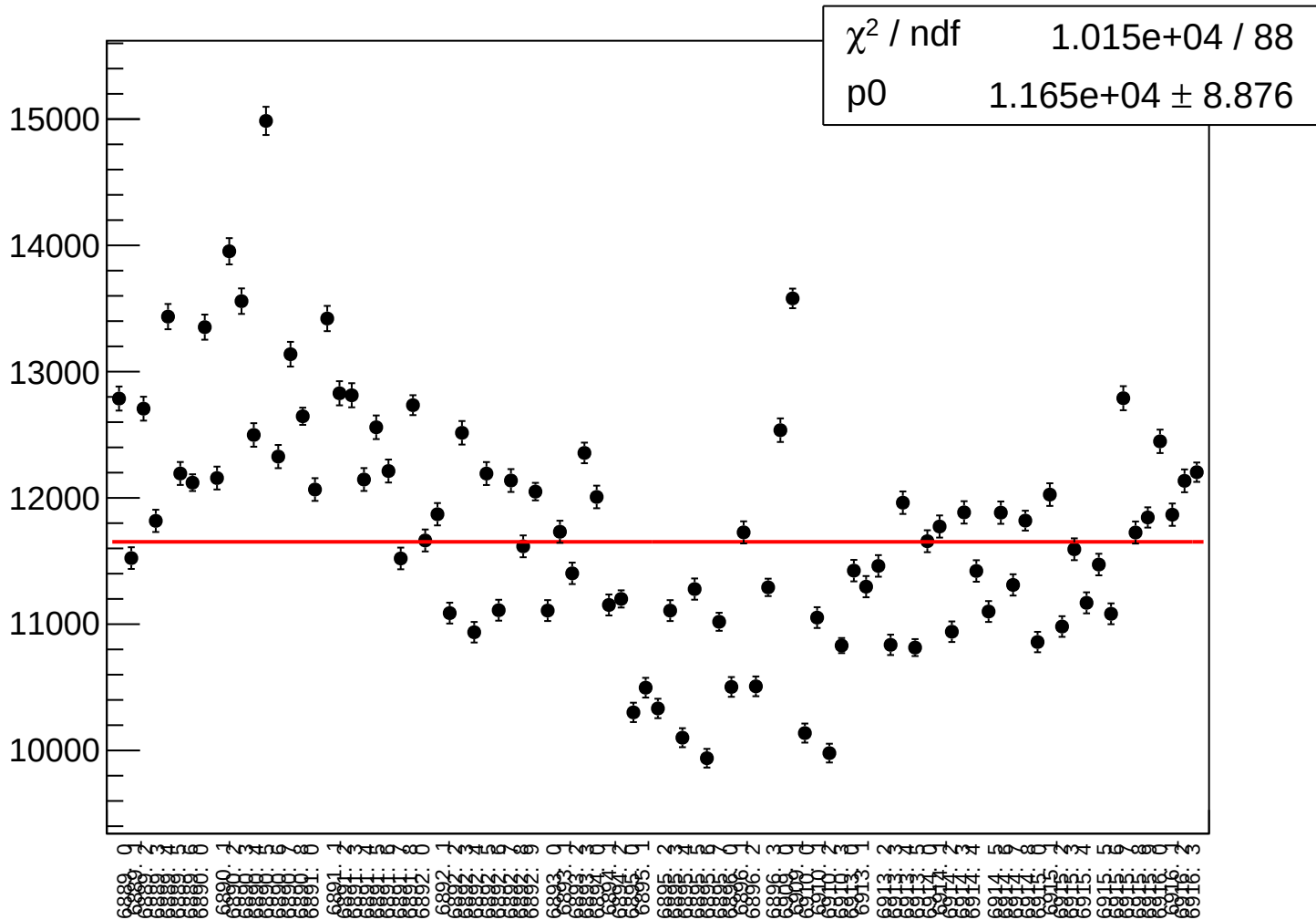
eigen_dit_asym_atl2_rms vs run



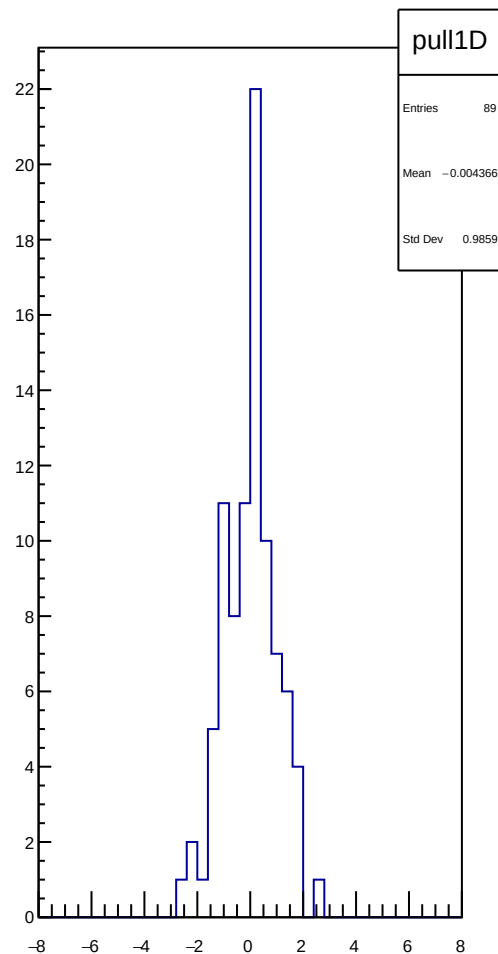
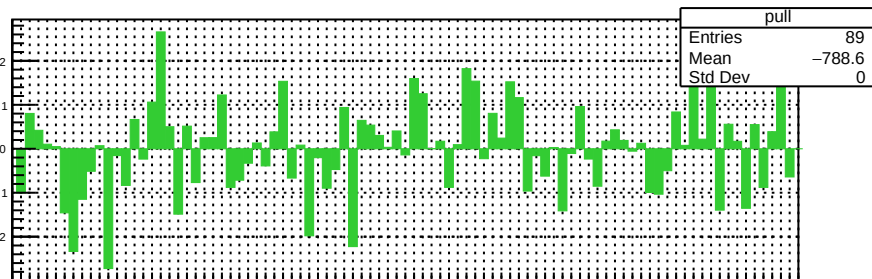
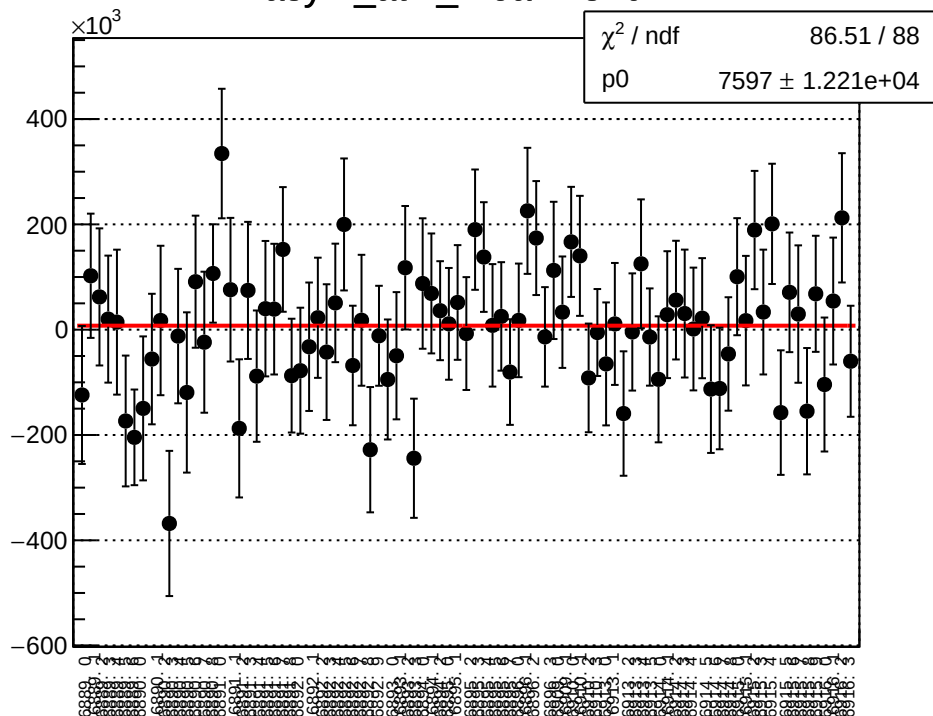
asym_atl2_eigen_dit_correction_mean vs run



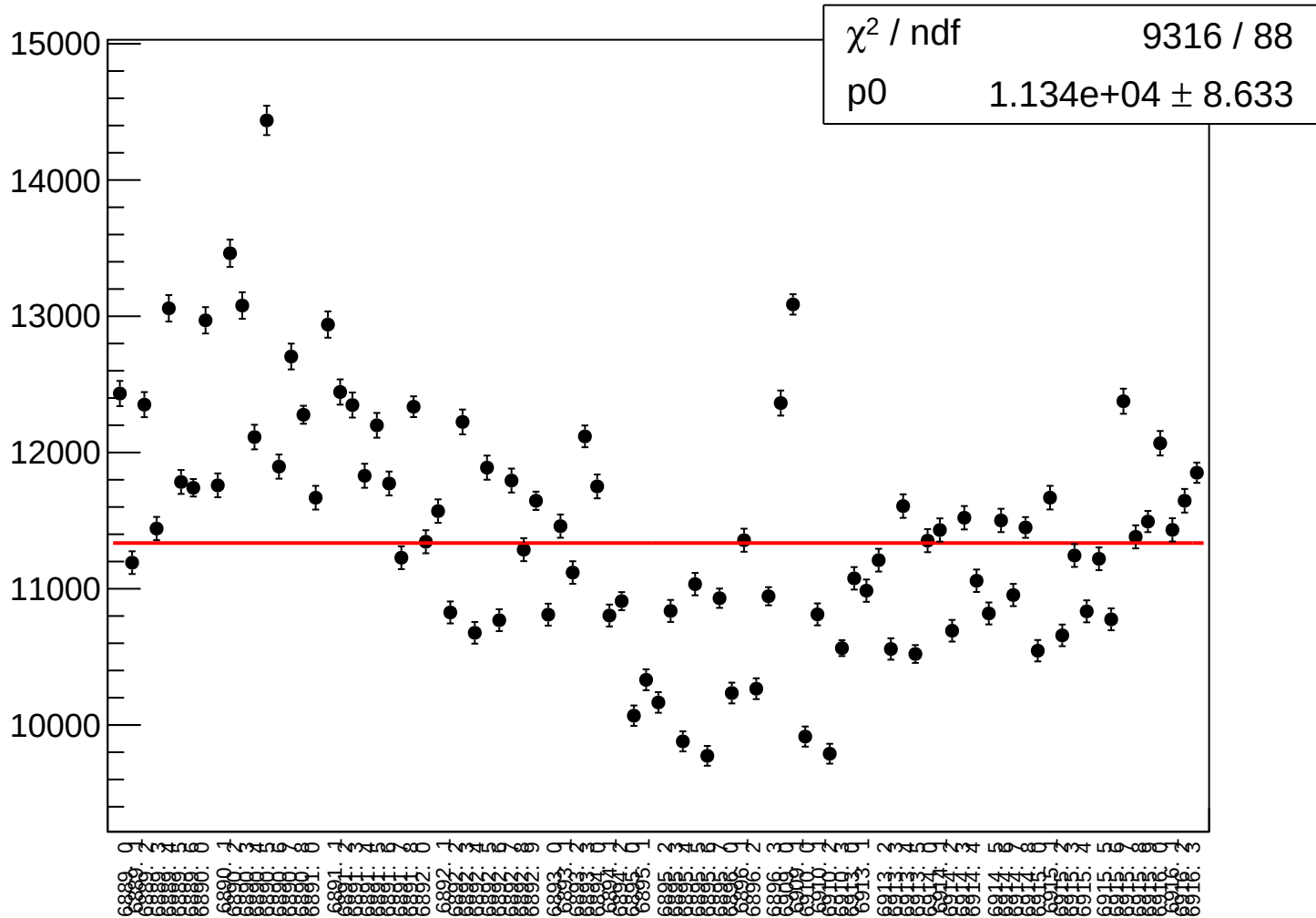
asym_atl2_eigen_dit_correction_rms vs run



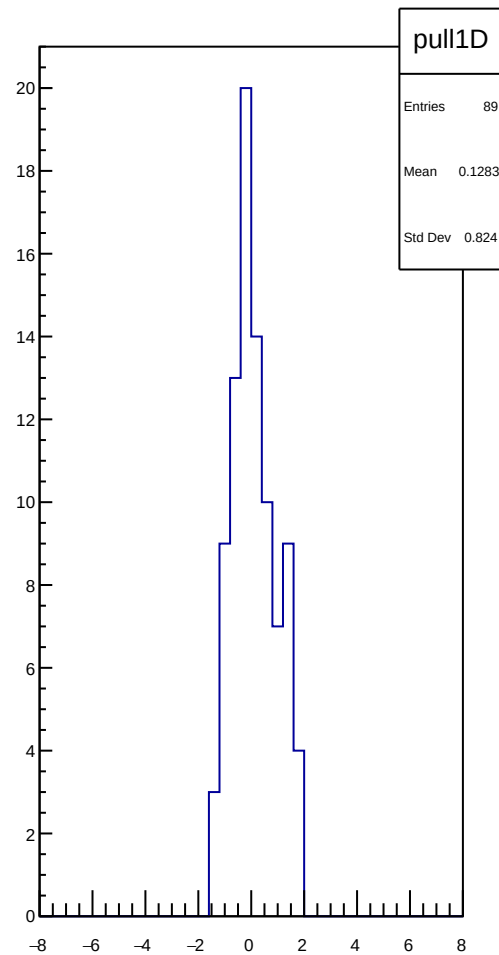
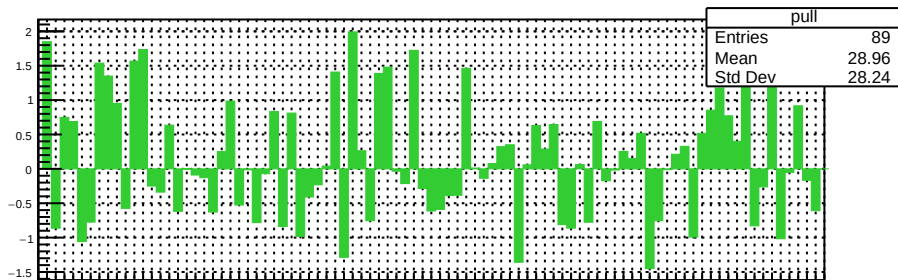
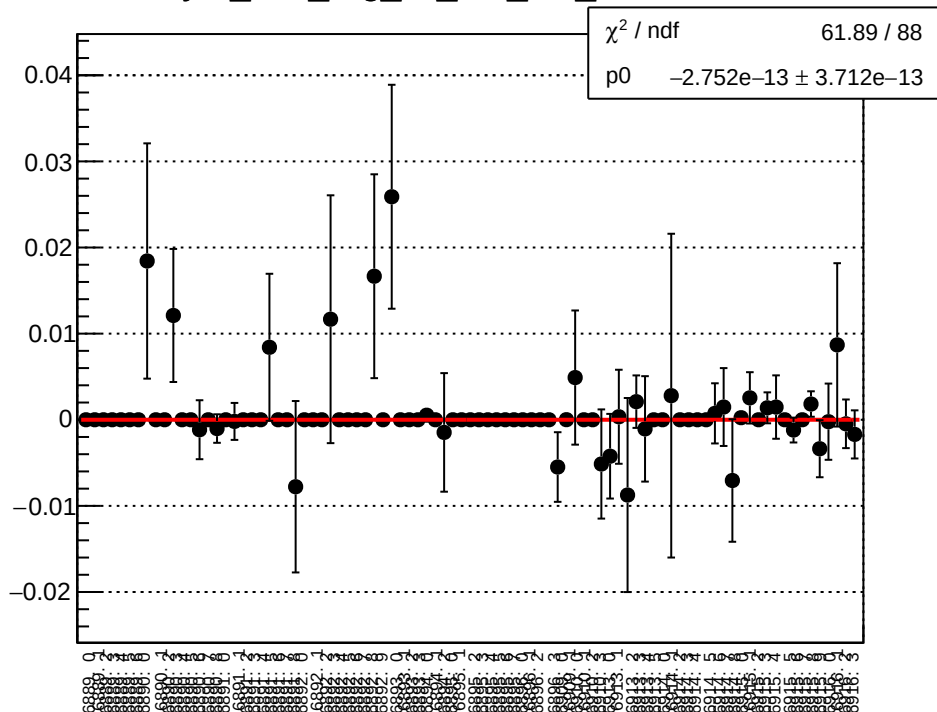
asym_atl2_mean vs run



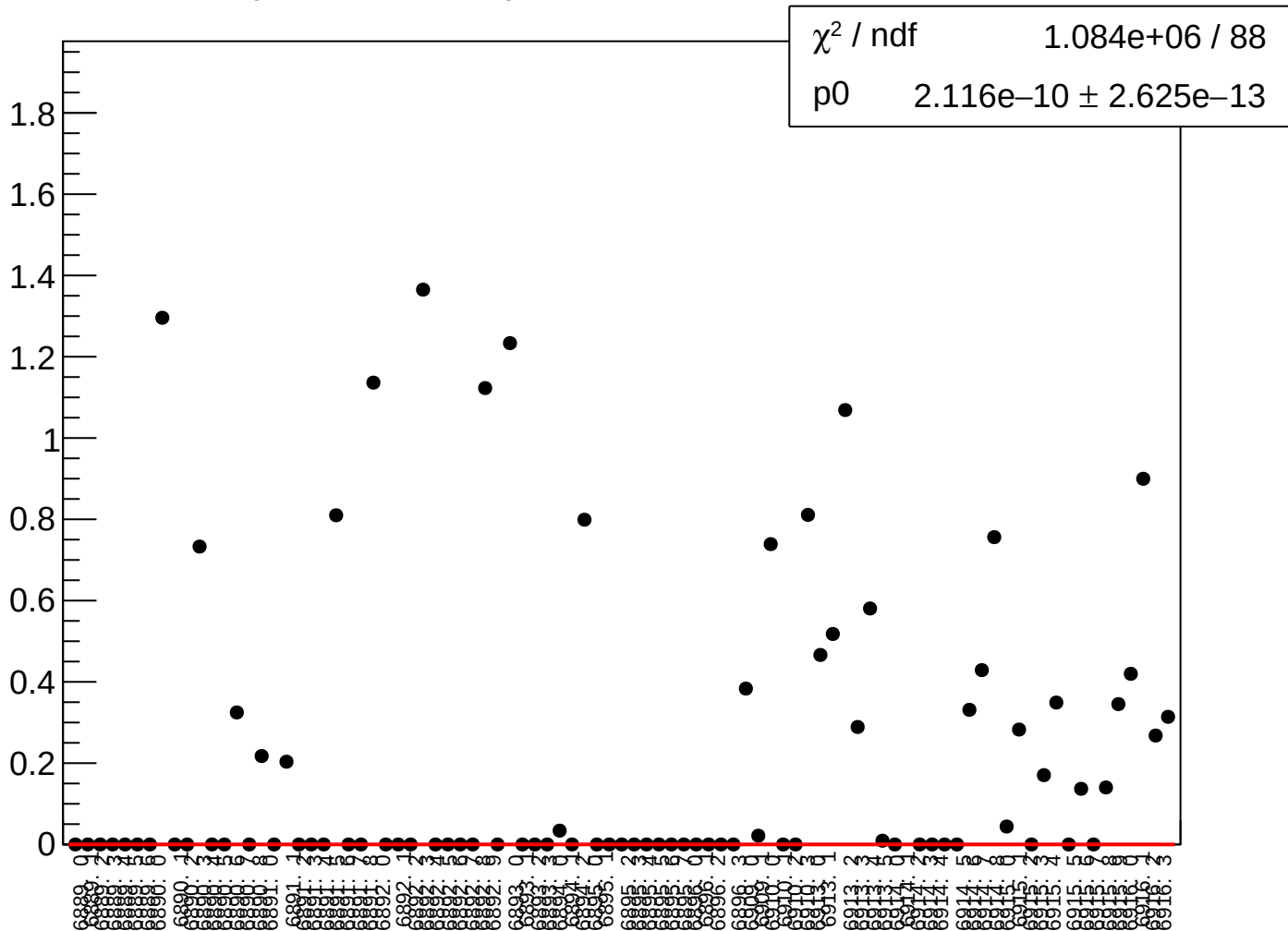
asym_atl2_rms vs run



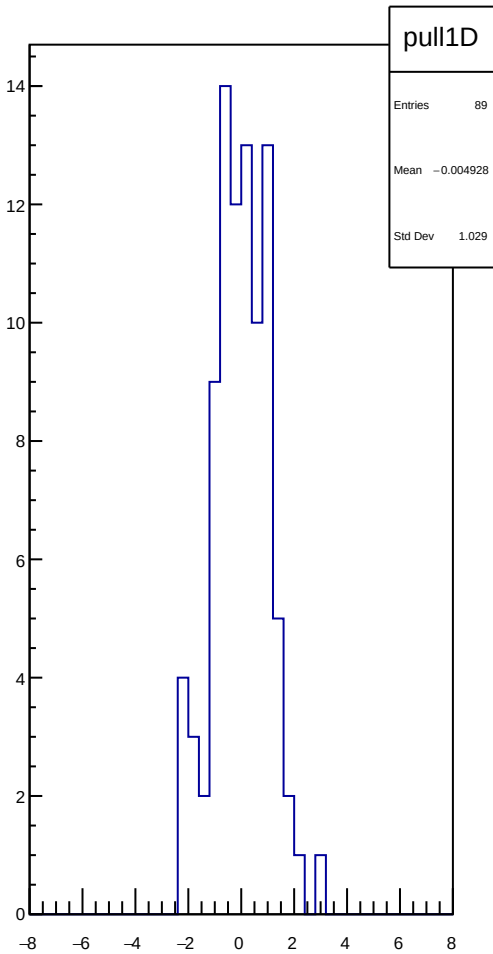
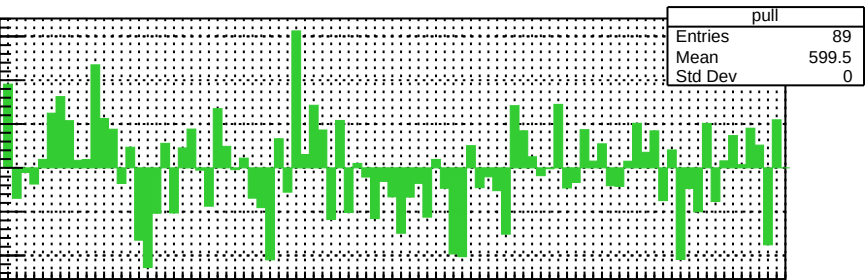
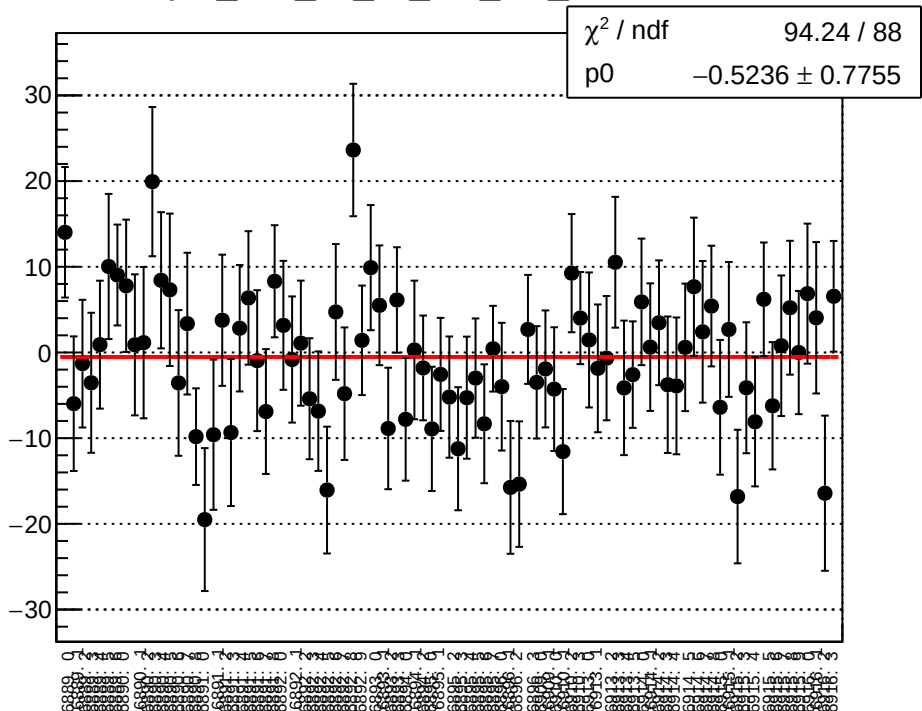
asym_atl2_reg_vs_cor_diff_mean vs run



asym_atl2_reg_vs_cor_diff_rms vs run

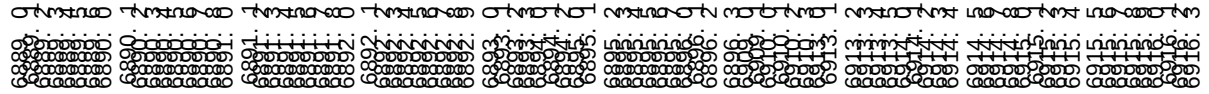
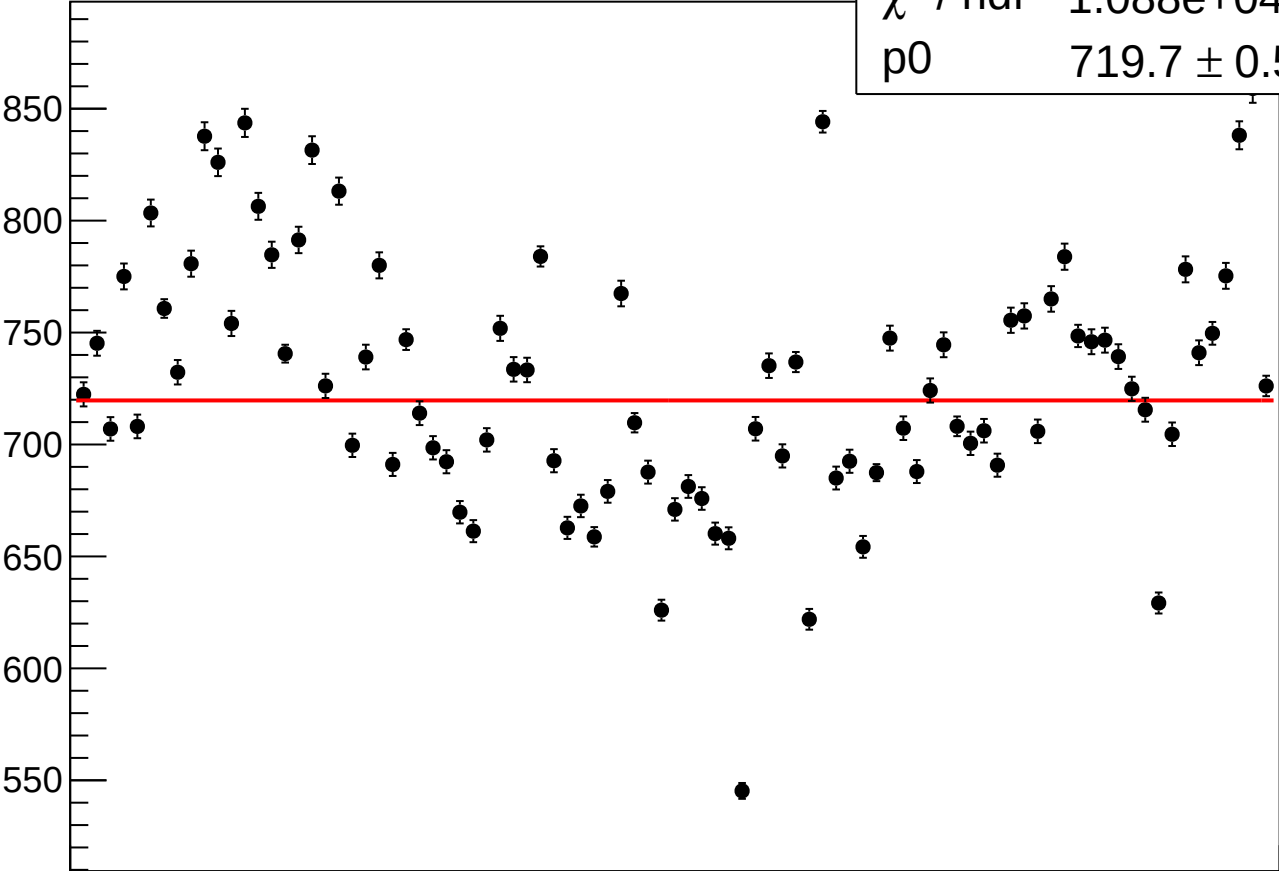


asym_atl2_dit_vs_cor_diff_mean vs run

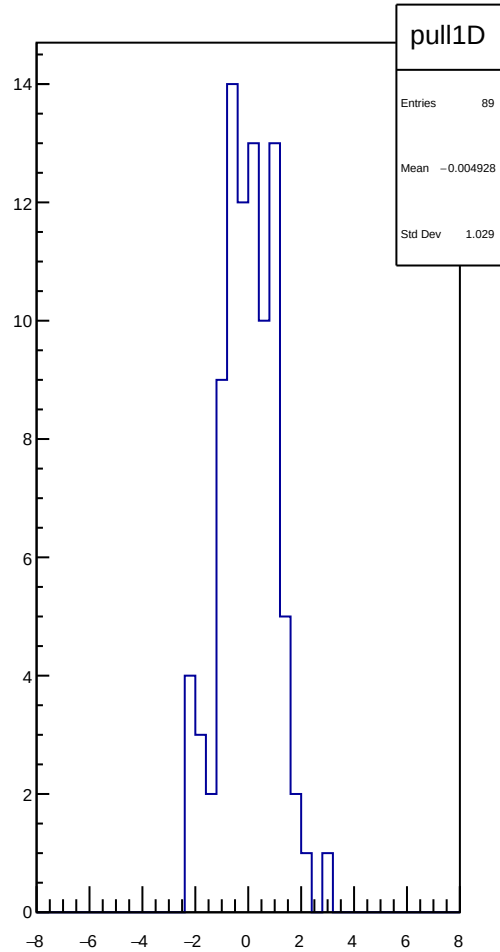
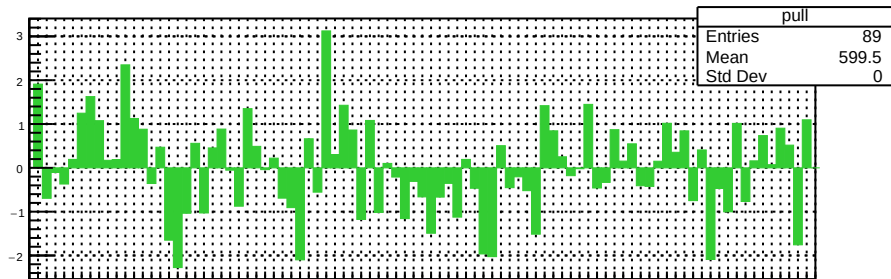
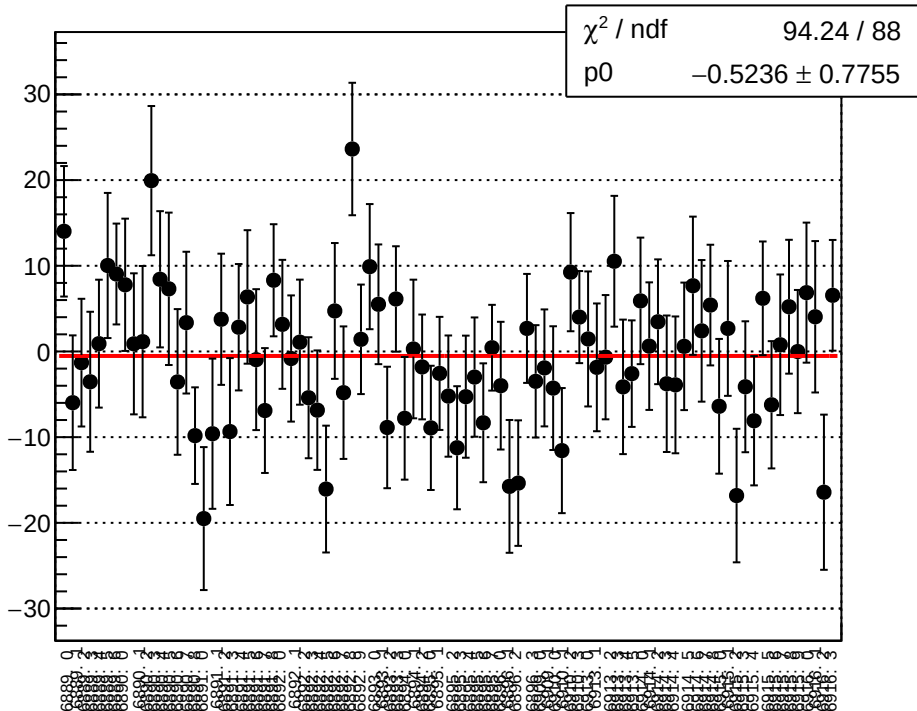


asym_atl2_dit_vs_cor_diff_rms vs run

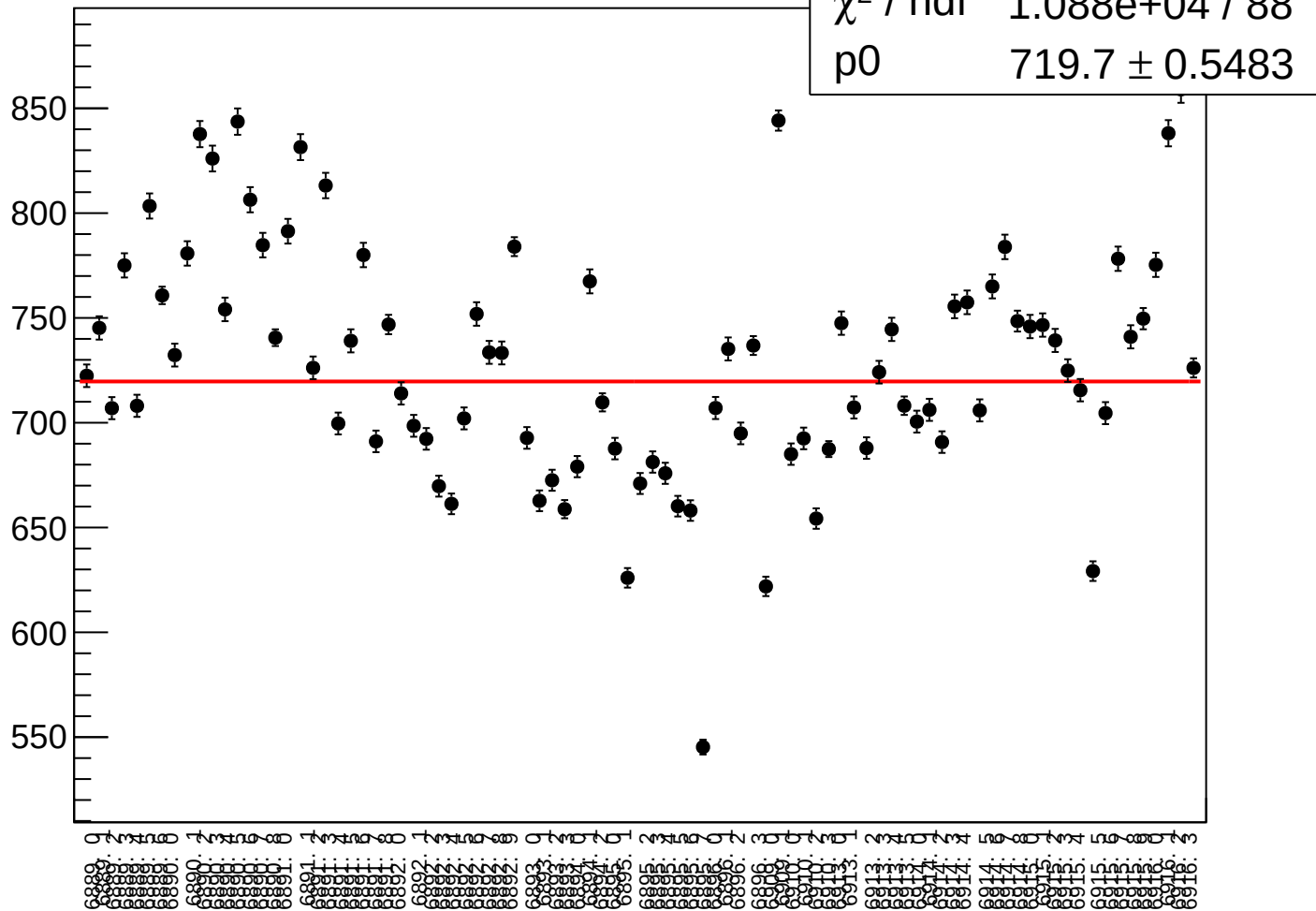
χ^2 / ndf 1.088e+04 / 88
p0 719.7 $\pm$ 0.5483



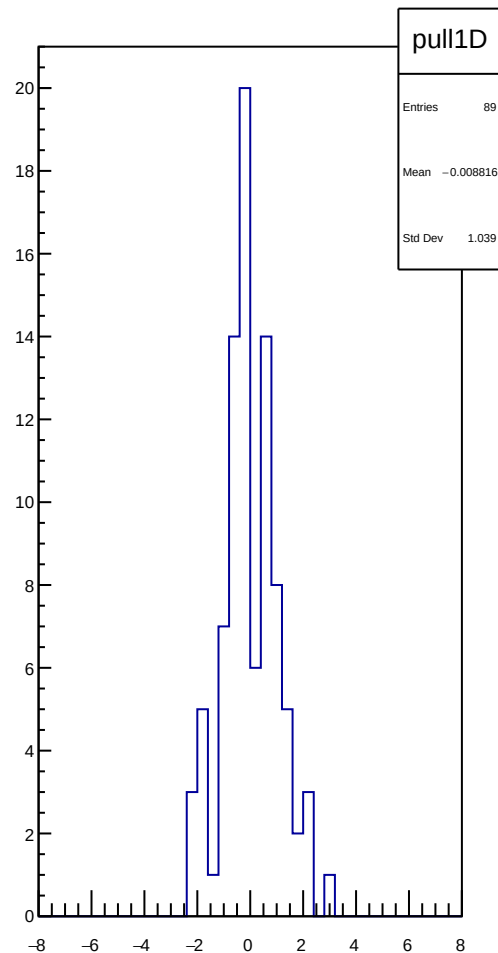
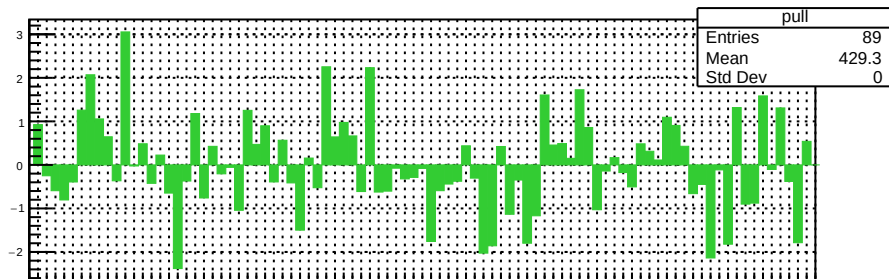
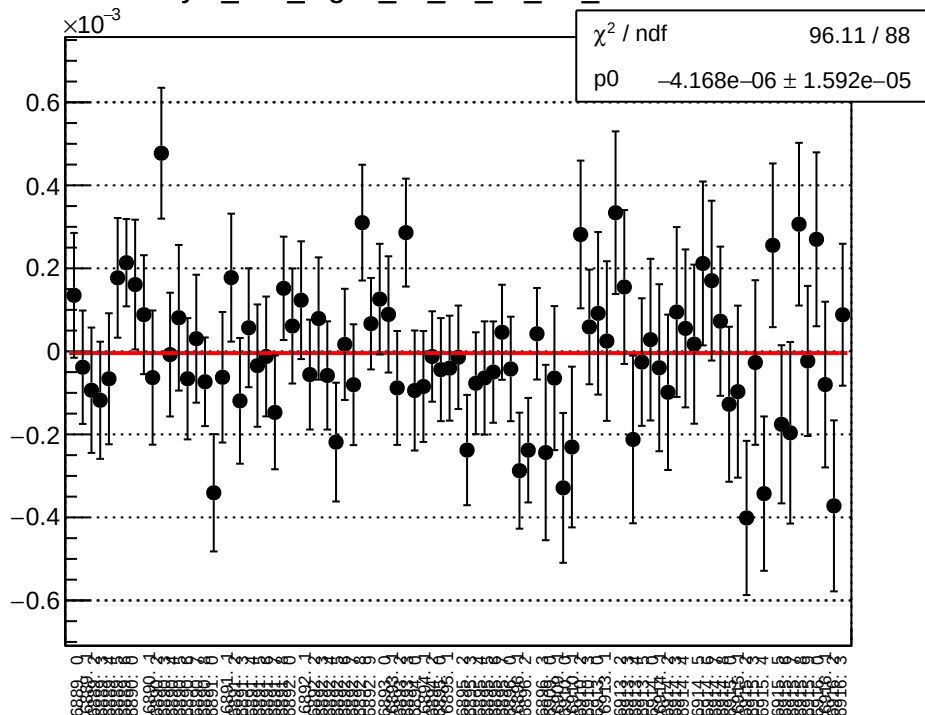
asym atl2 dit vs eigen cor diff mean vs run



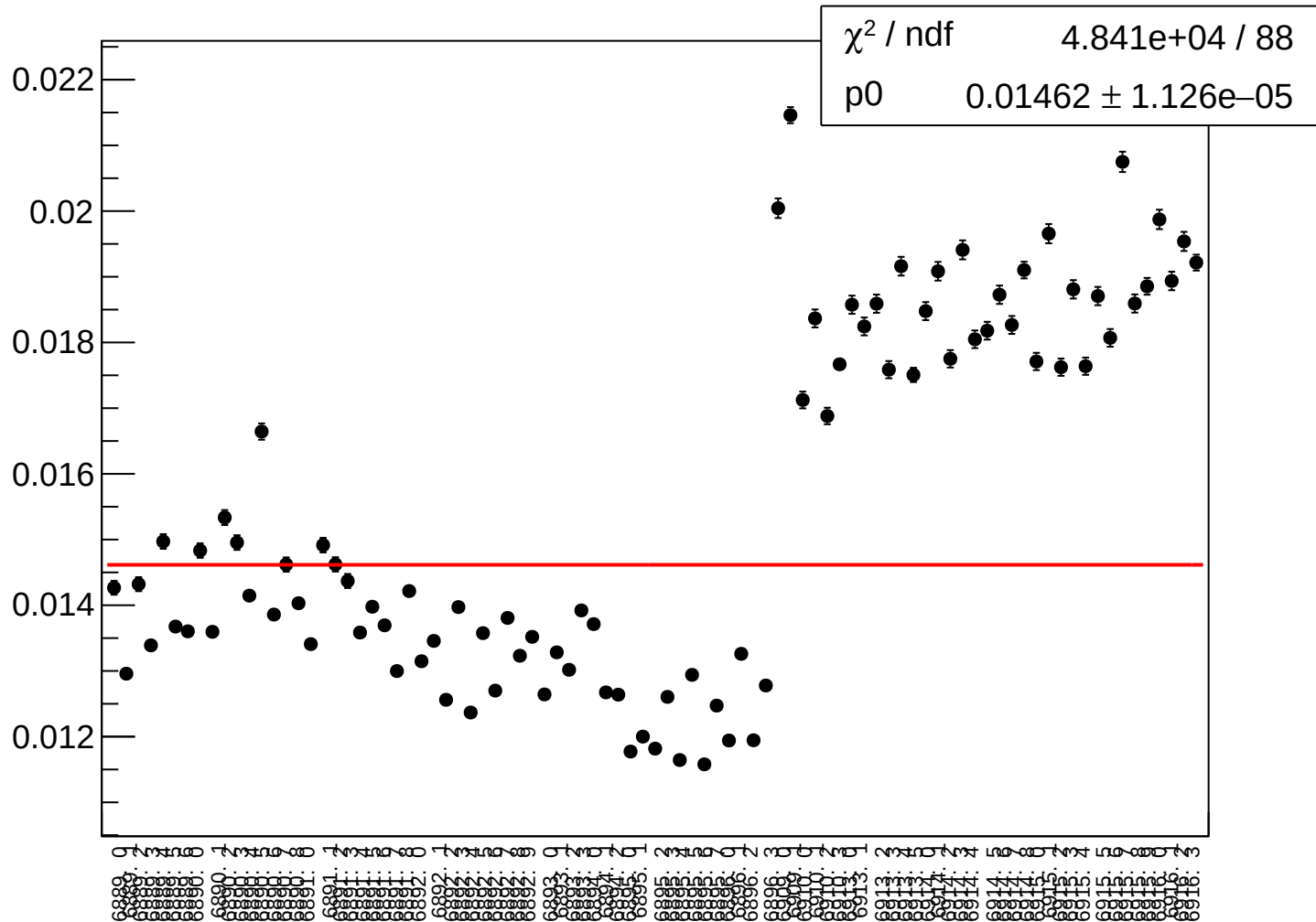
χ^2 / ndf	1.088e+04 / 88
p0	719.7 $\pm$ 0.5483



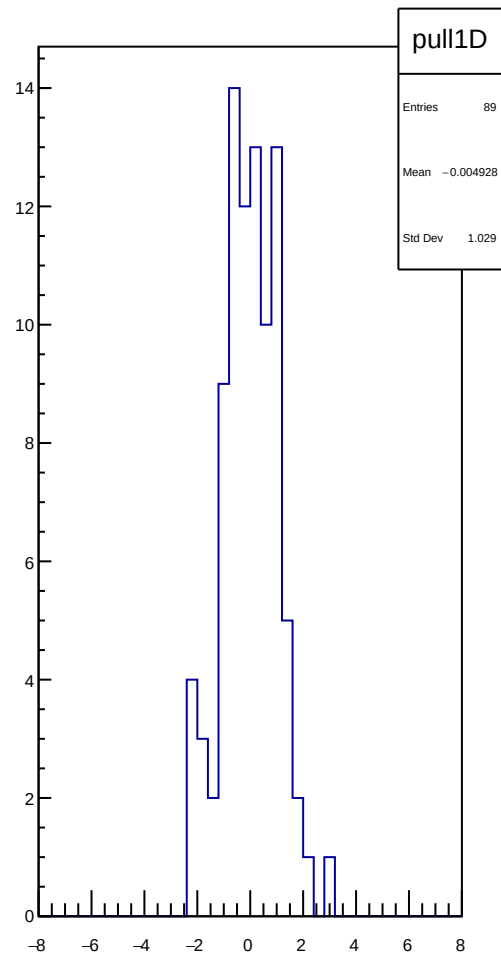
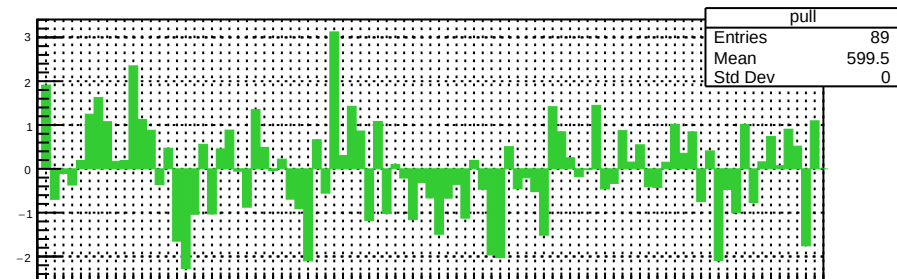
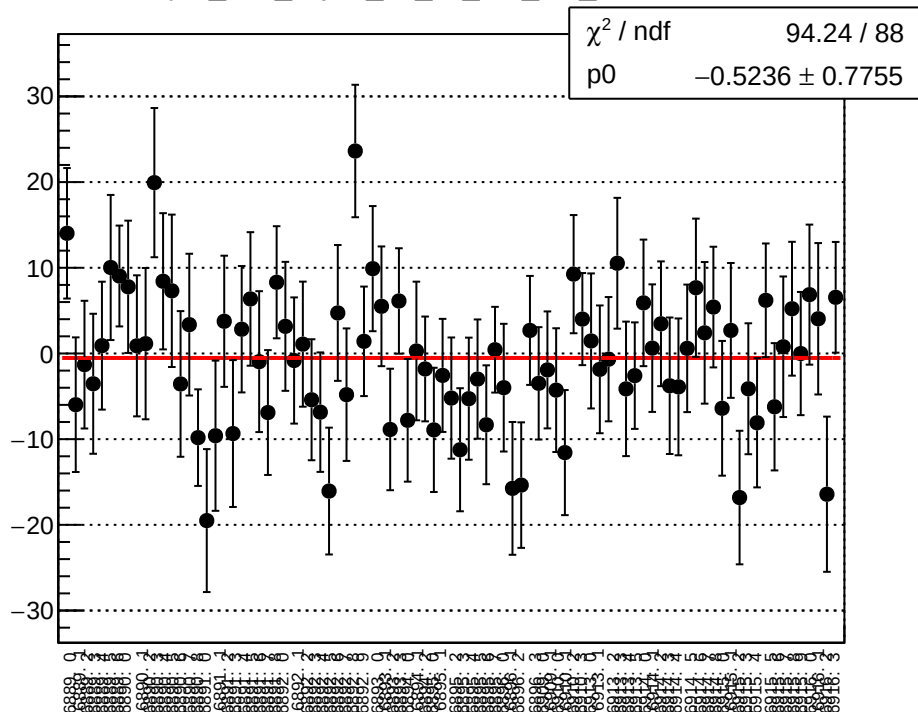
asym_atl2_eigen_dit_vs_dit_diff_mean vs run



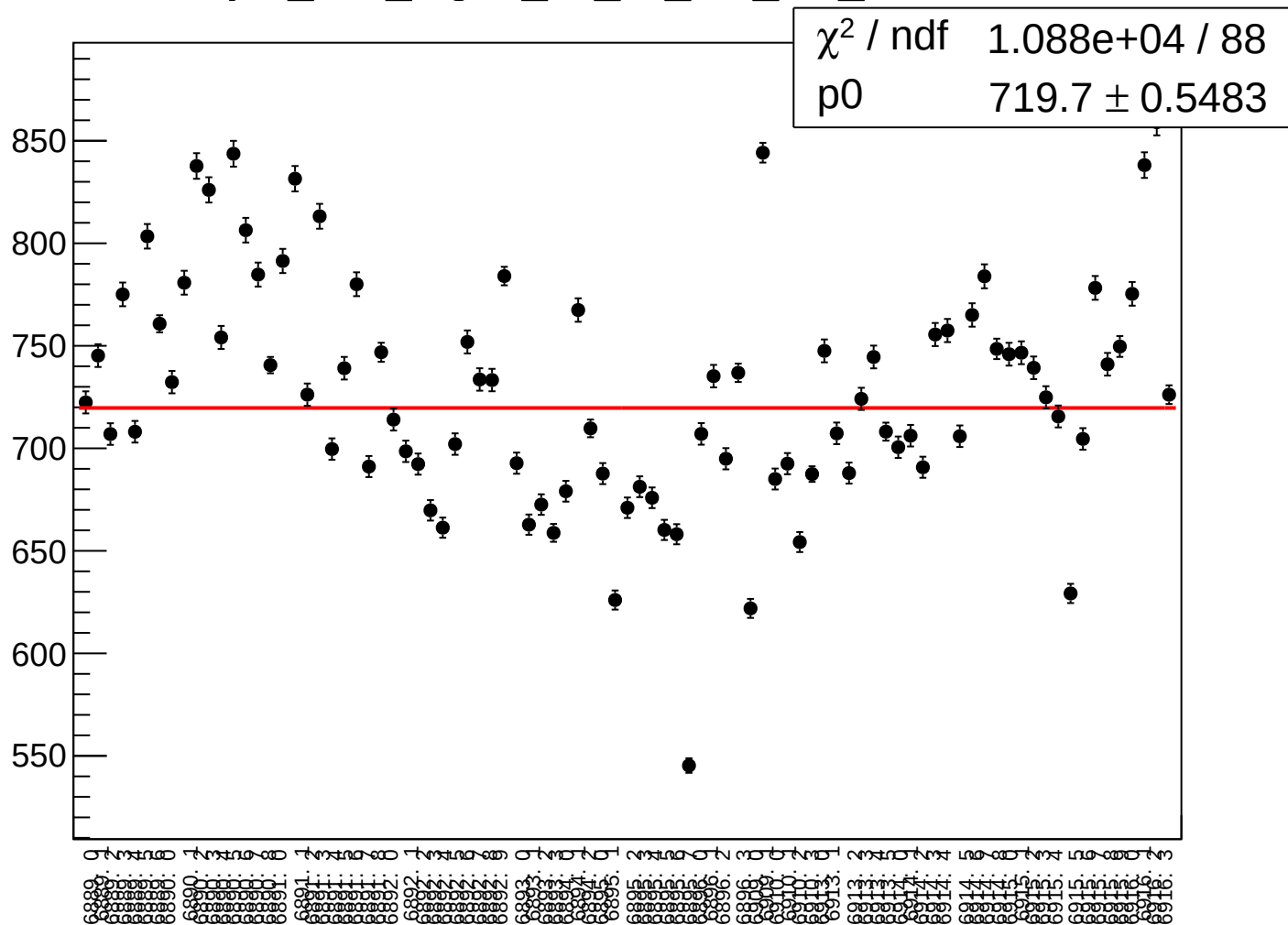
asym_atl2_eigen_dit_vs_dit_diff_rms vs run



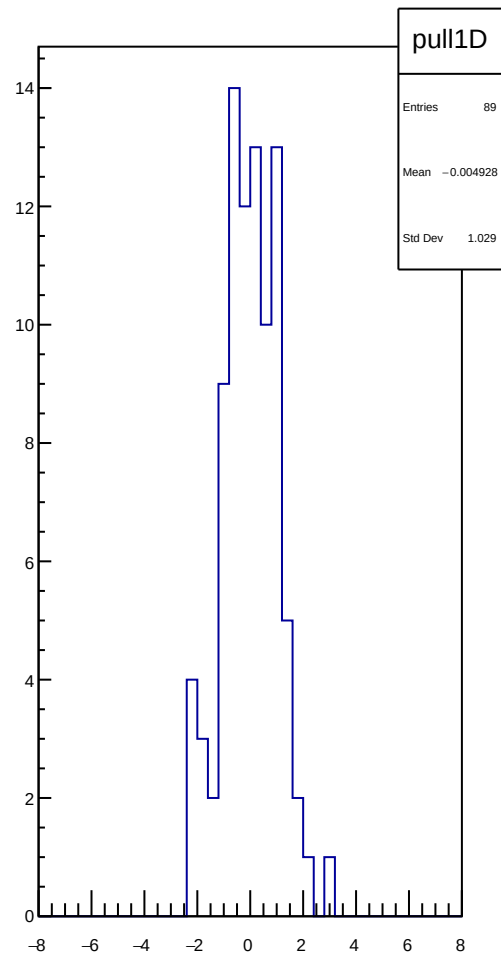
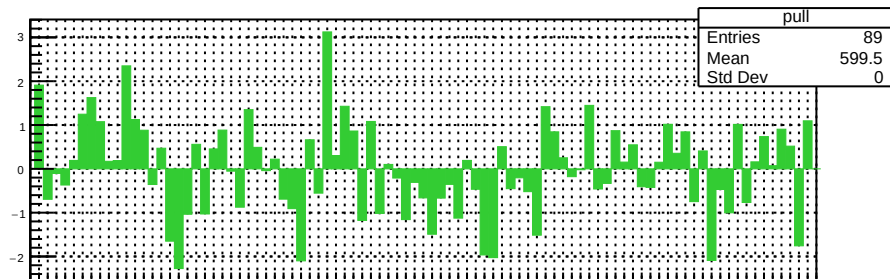
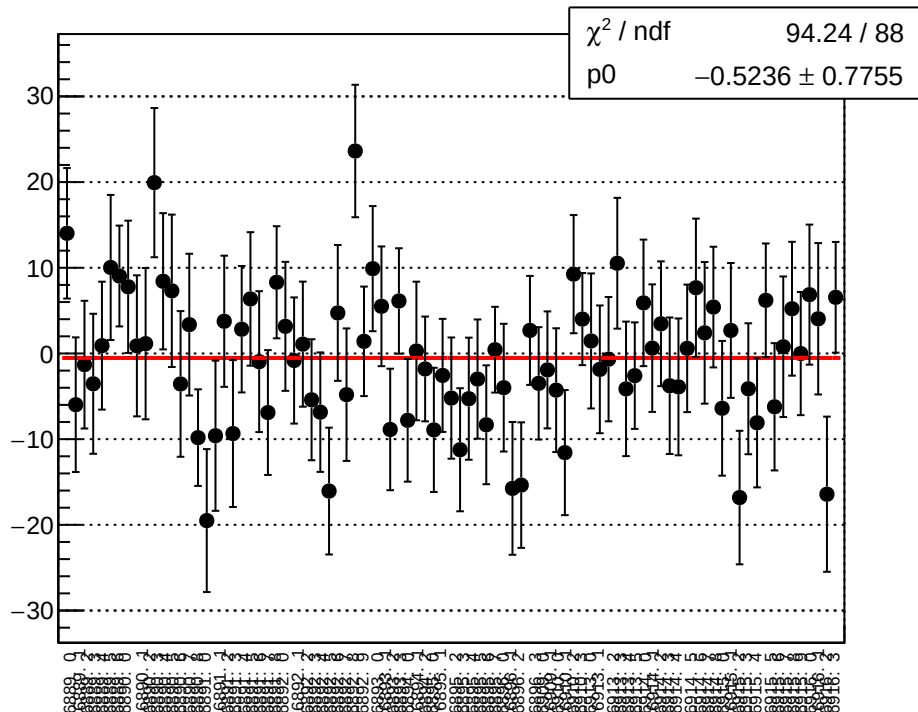
asym_atl2_eigen_dit_vs_cor_diff_mean vs run



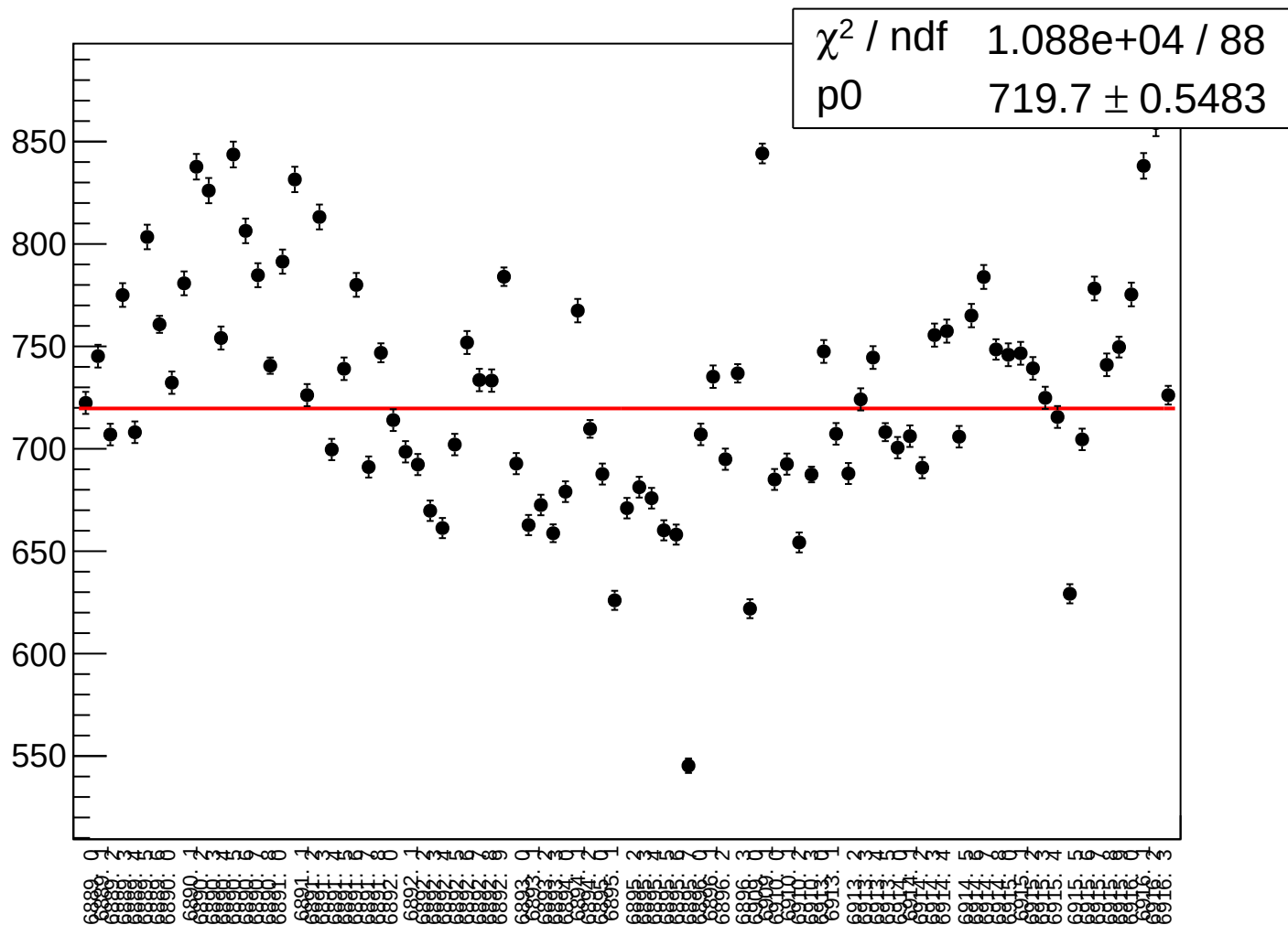
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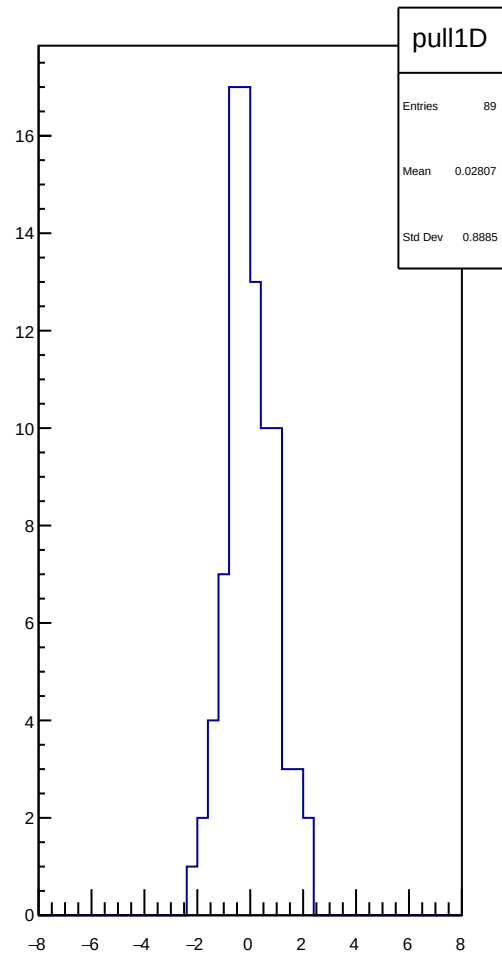
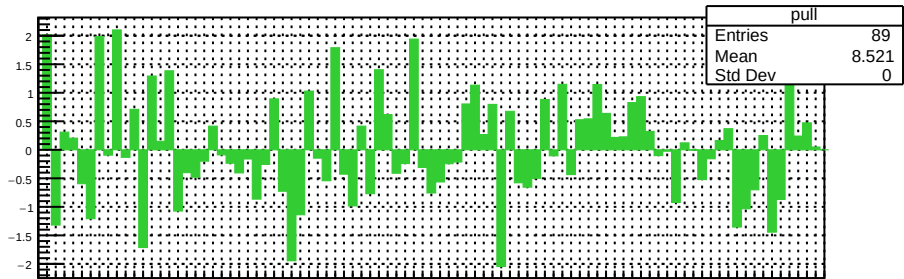
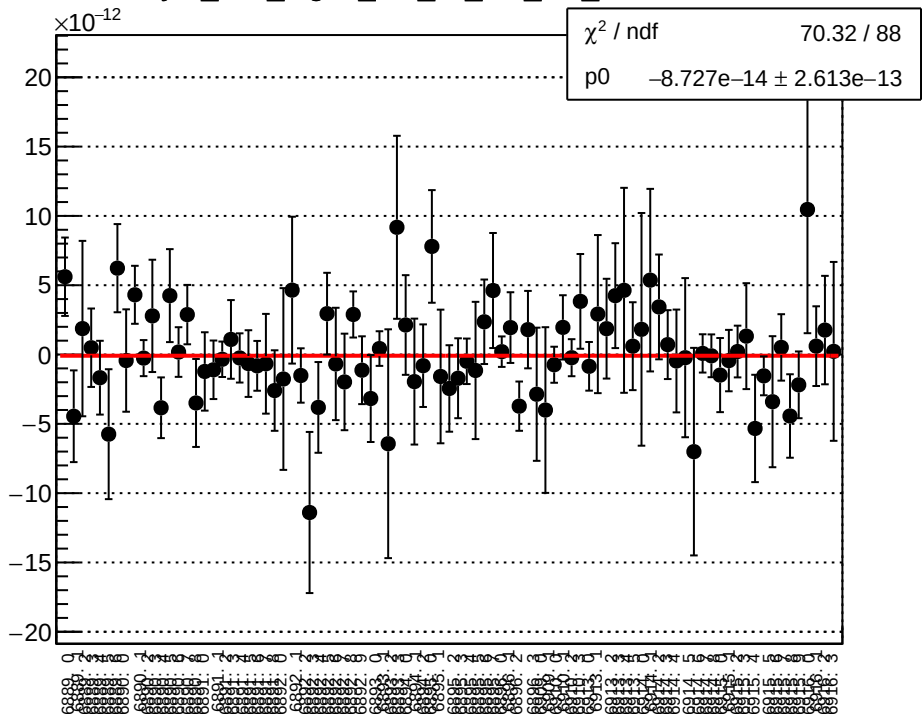
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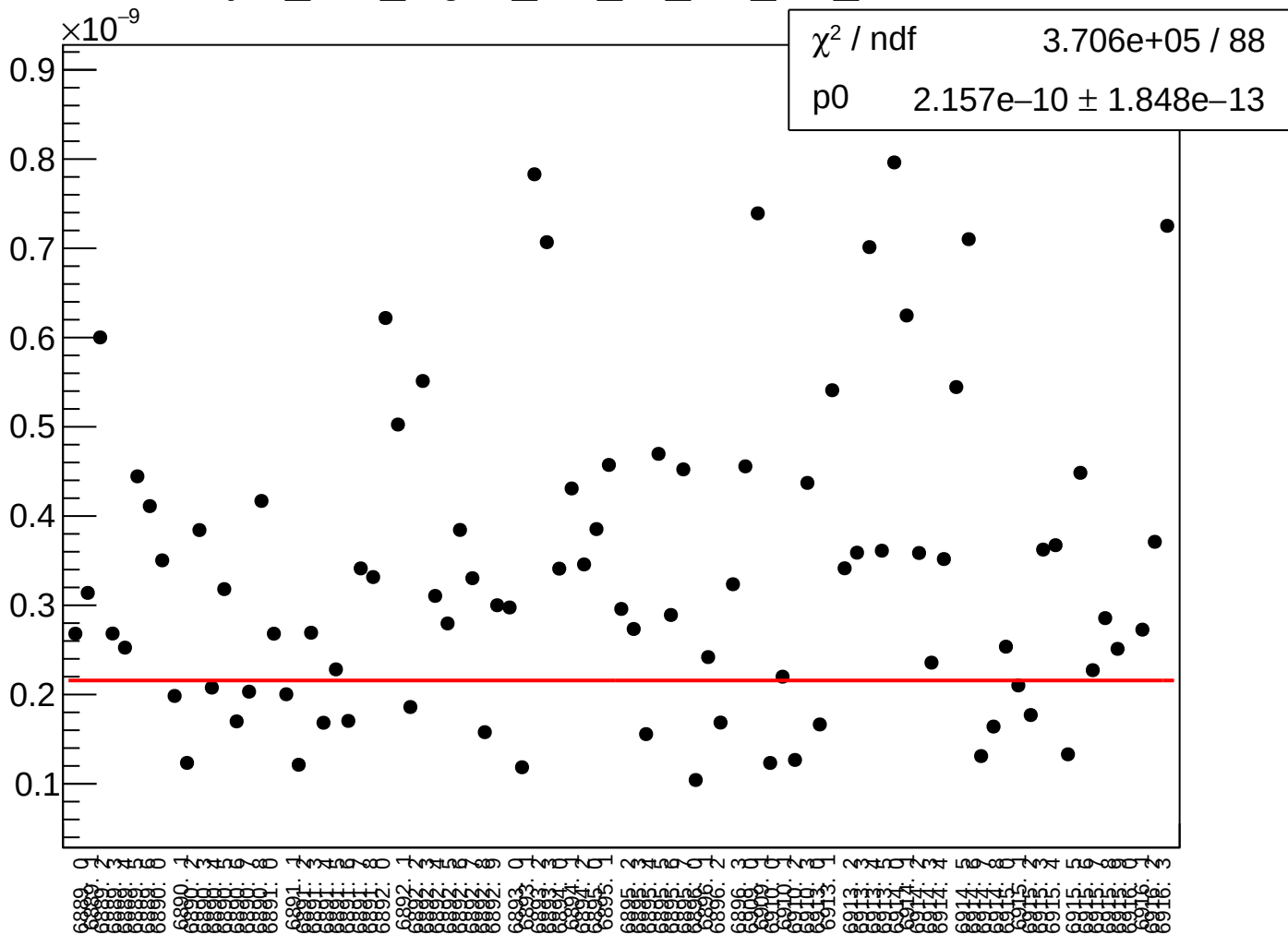
asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs run



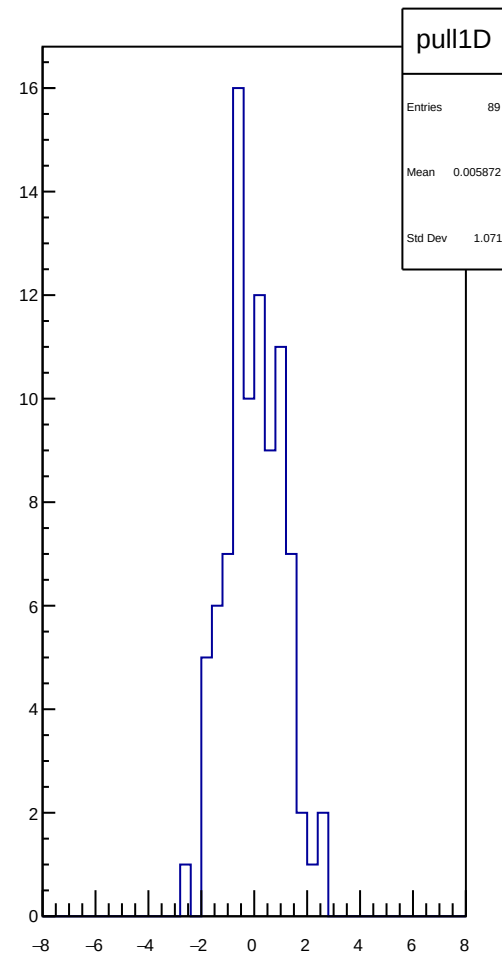
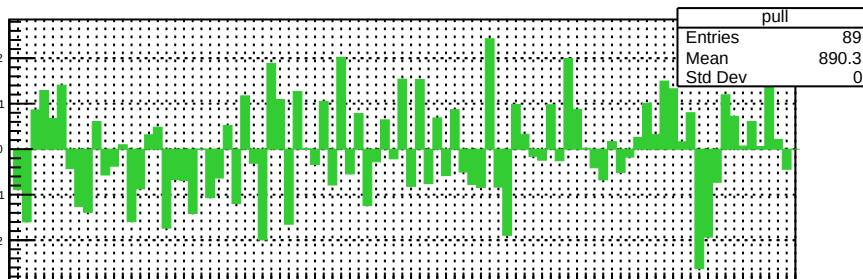
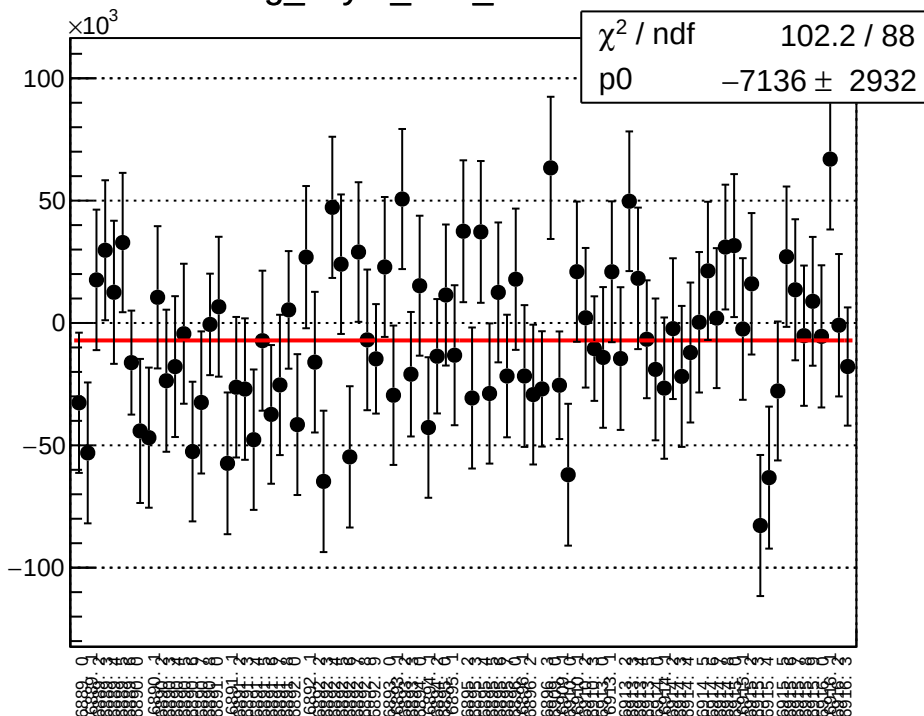
asym_atl2_eigen_cor_vs_cor_diff_mean vs run



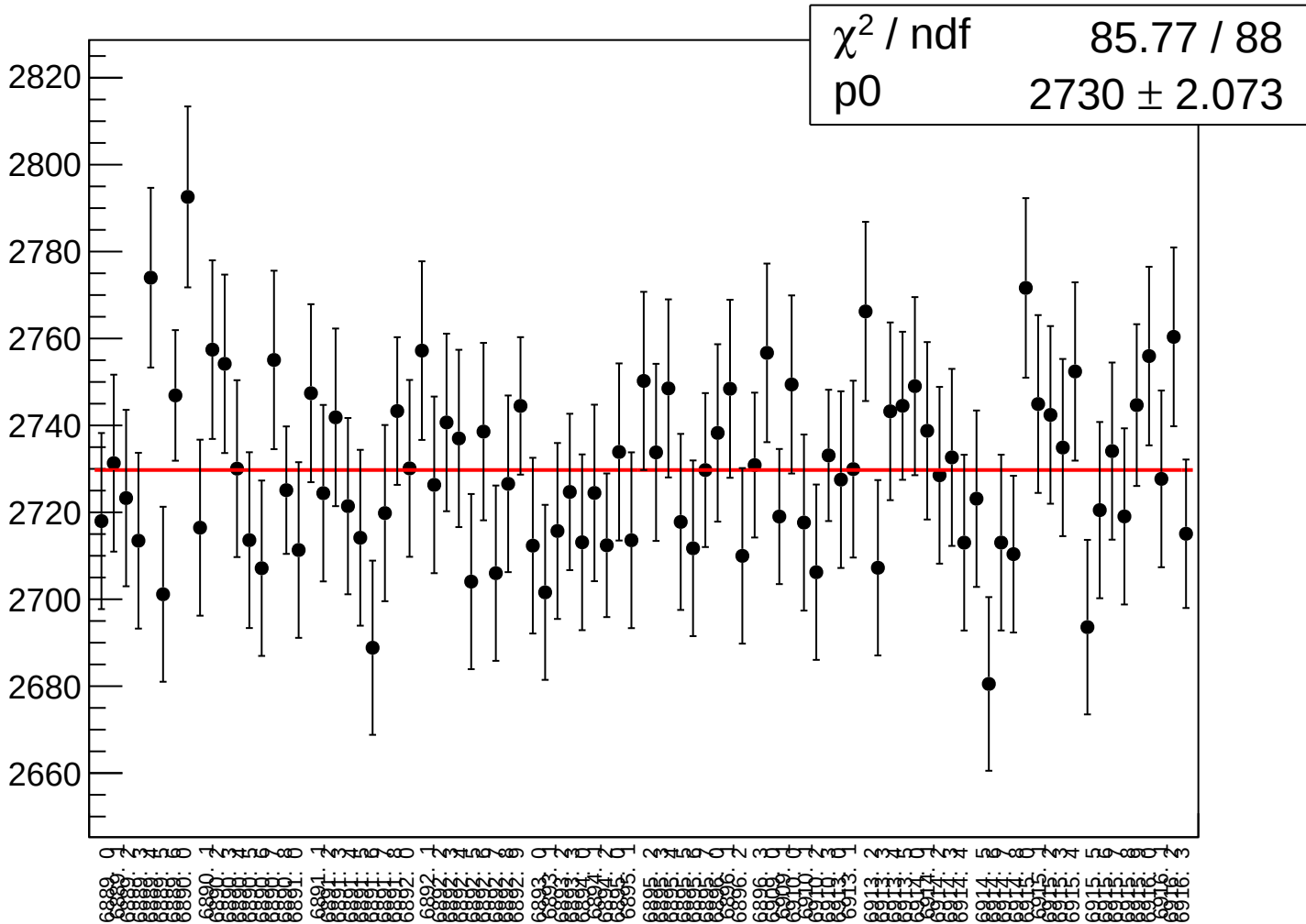
asym_atl2_eigen_cor_vs_cor_diff_rms vs run



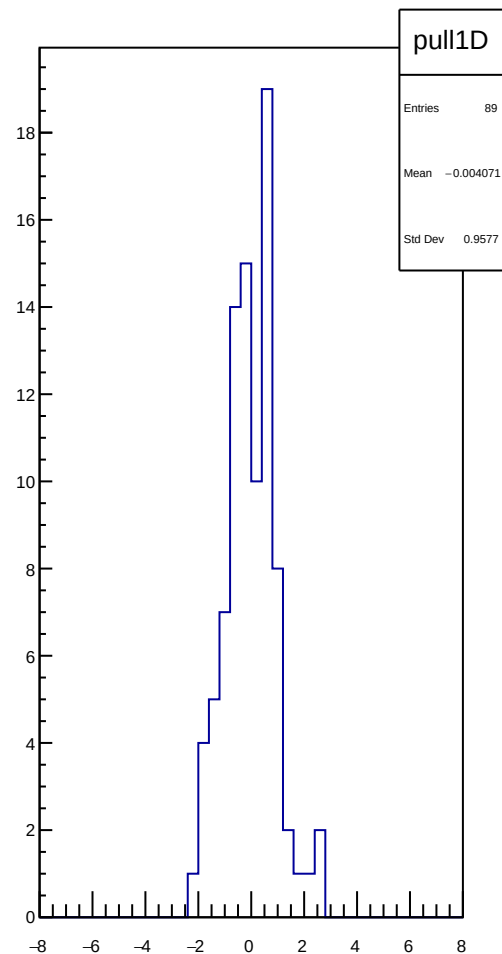
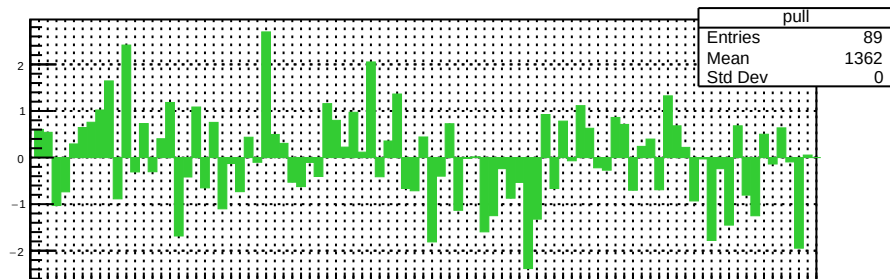
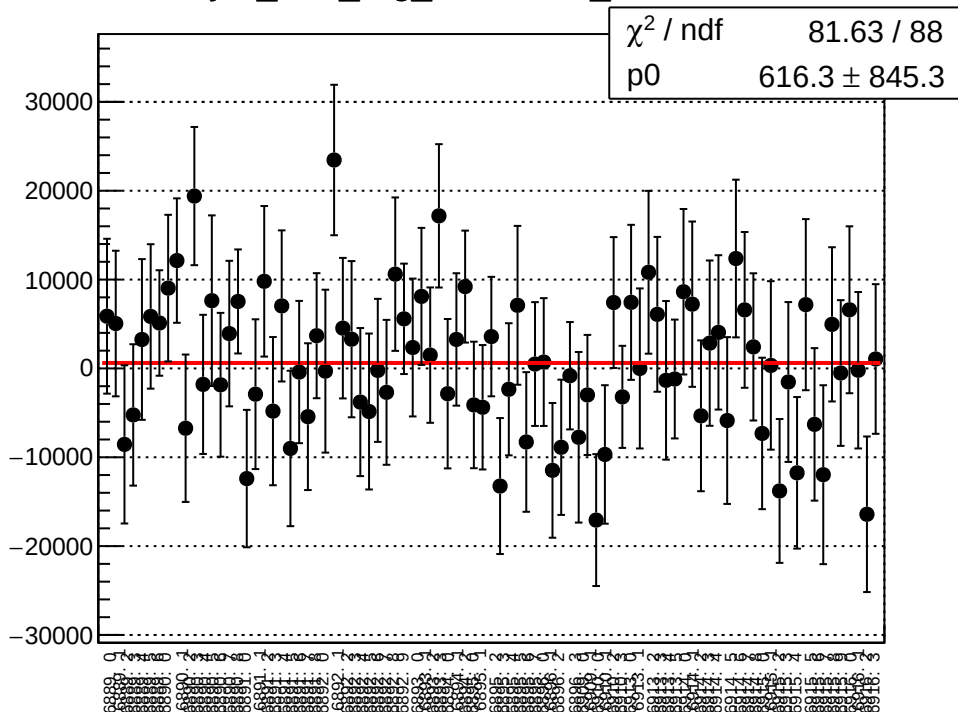
reg_asym_atr1_mean vs run



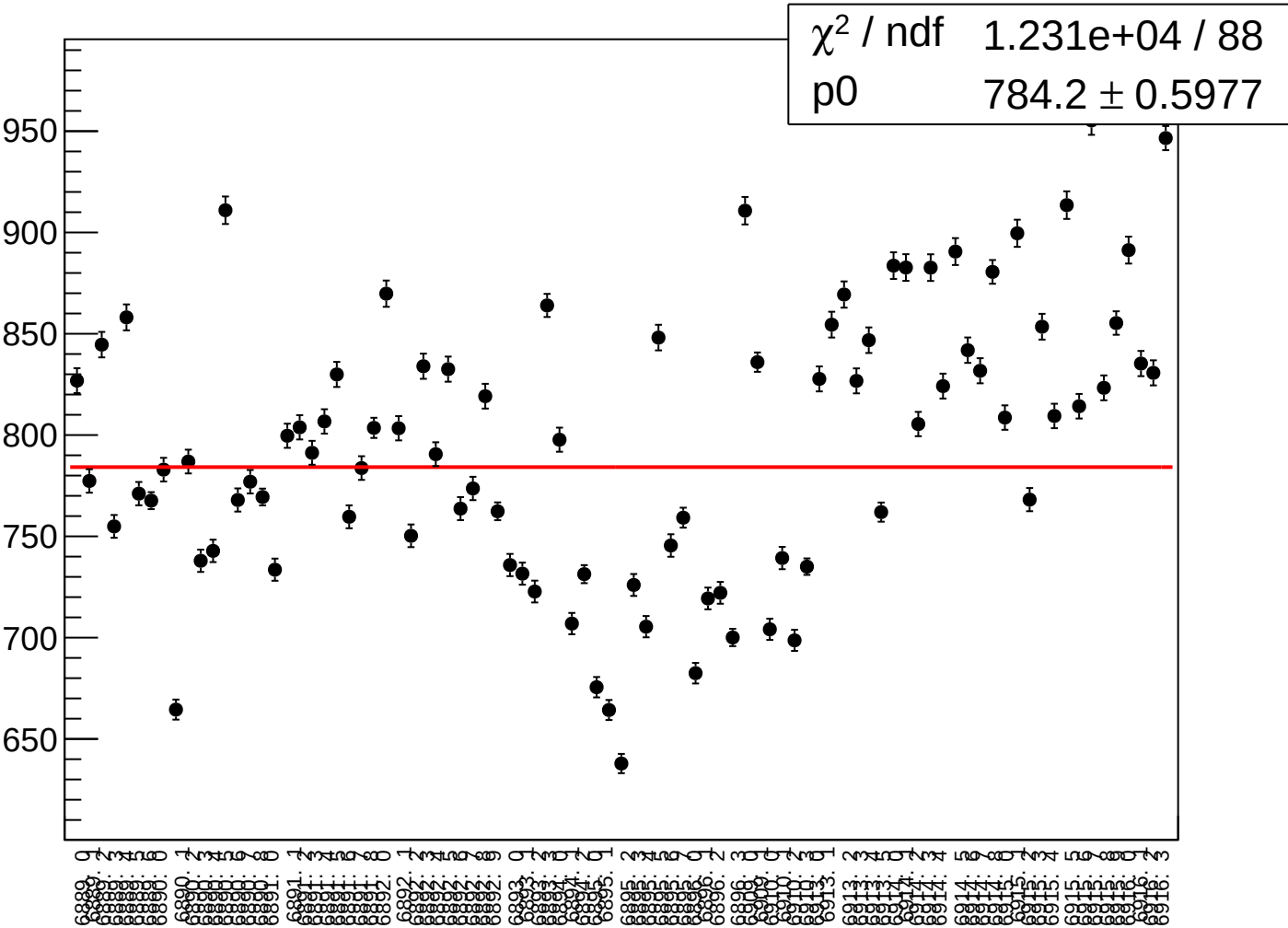
reg_asym_atr1_rms vs run



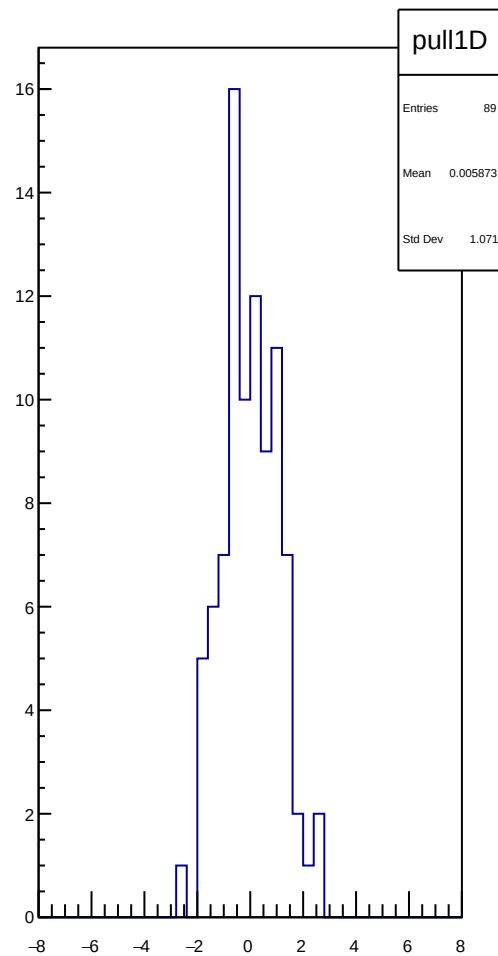
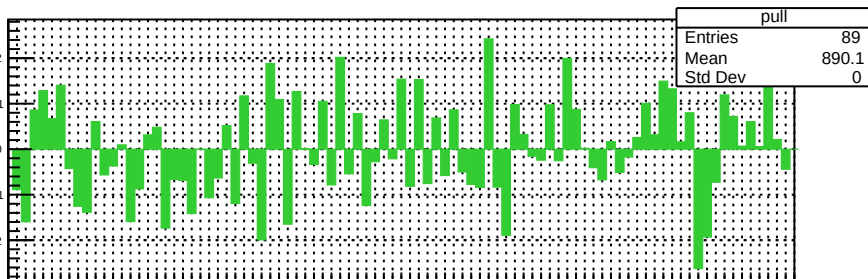
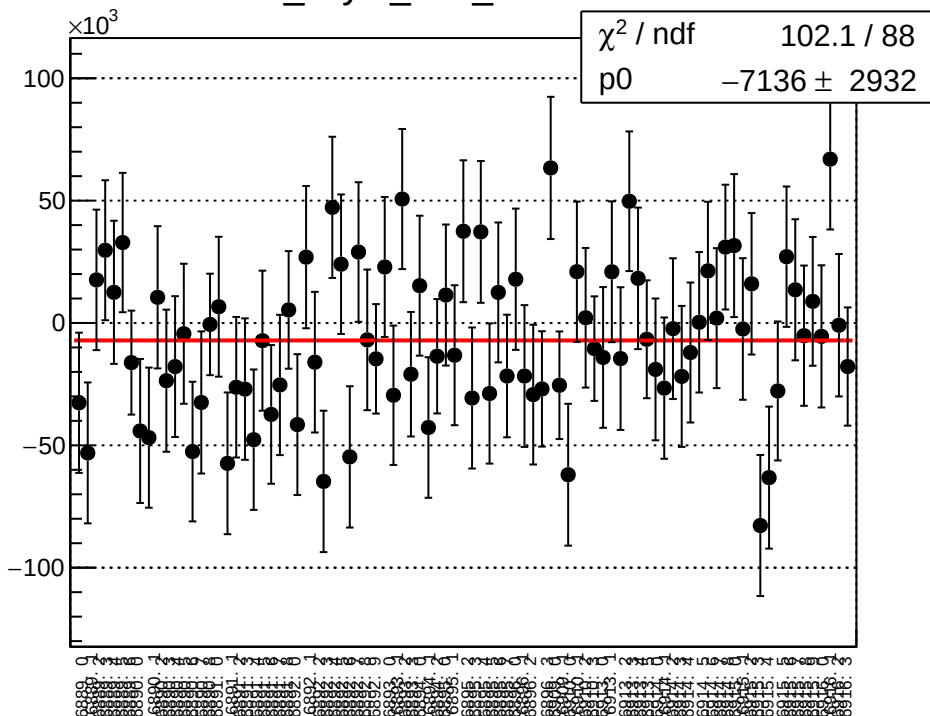
asym_atr1_reg_correction_mean vs run



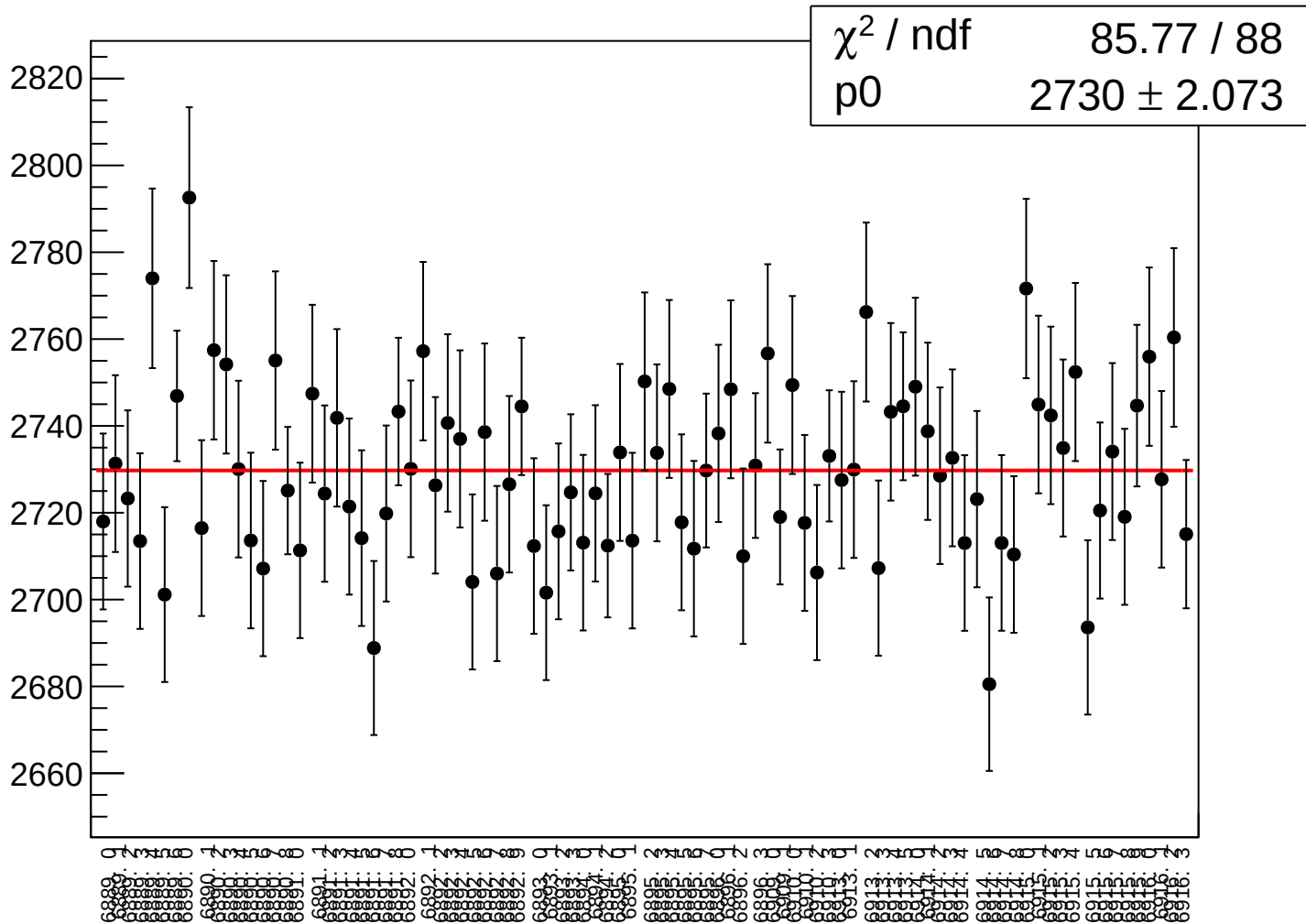
asym_atr1_reg_correction_rms vs run



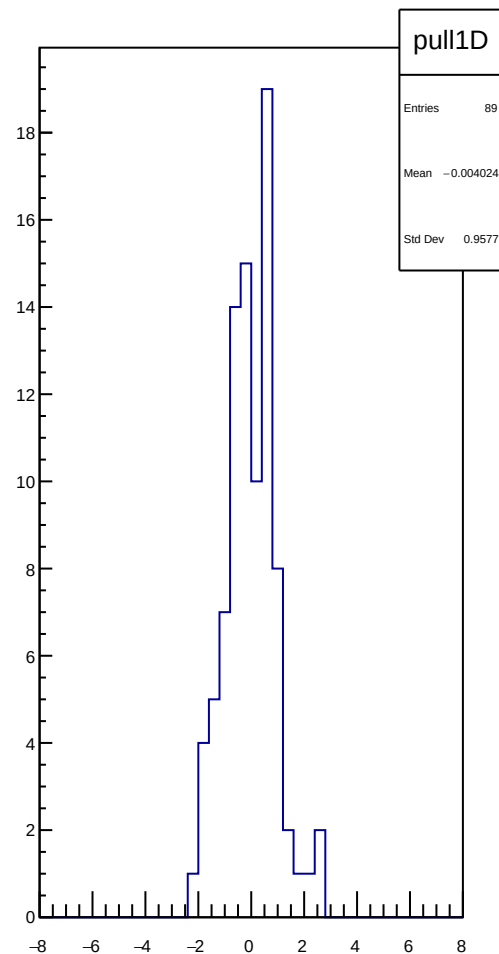
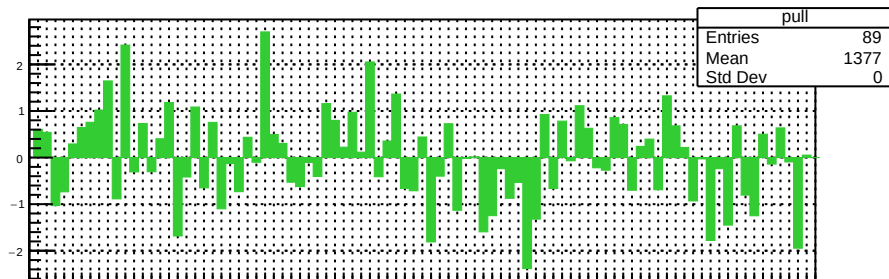
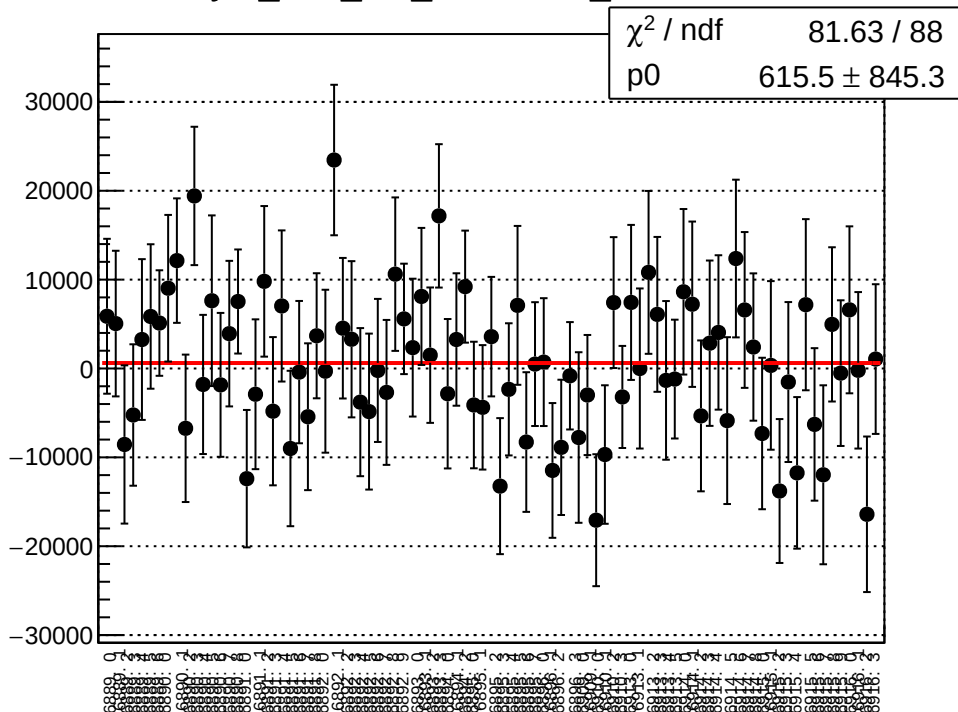
cor_asym_atr1_mean vs run



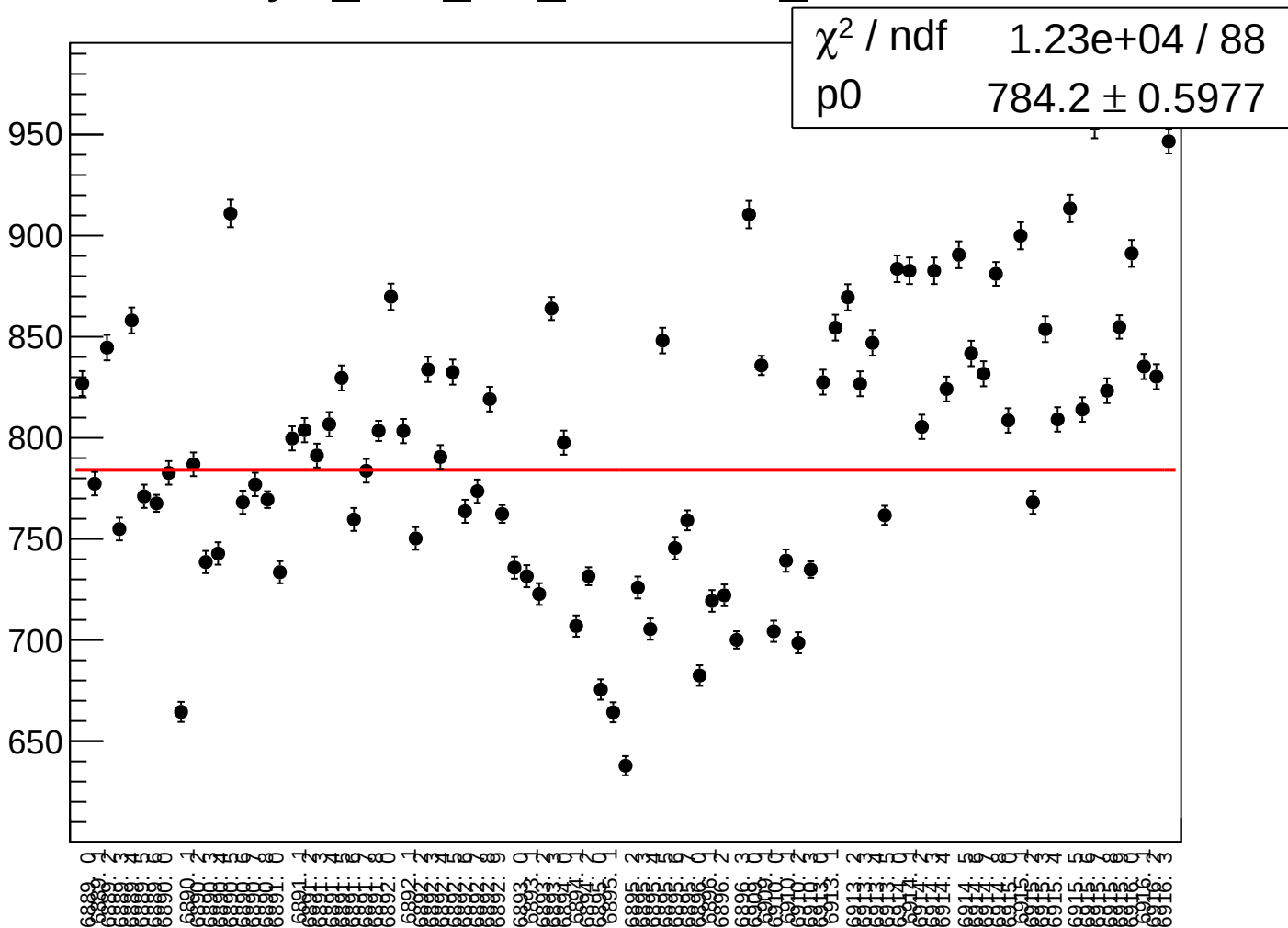
cor_asym_atr1_rms vs run



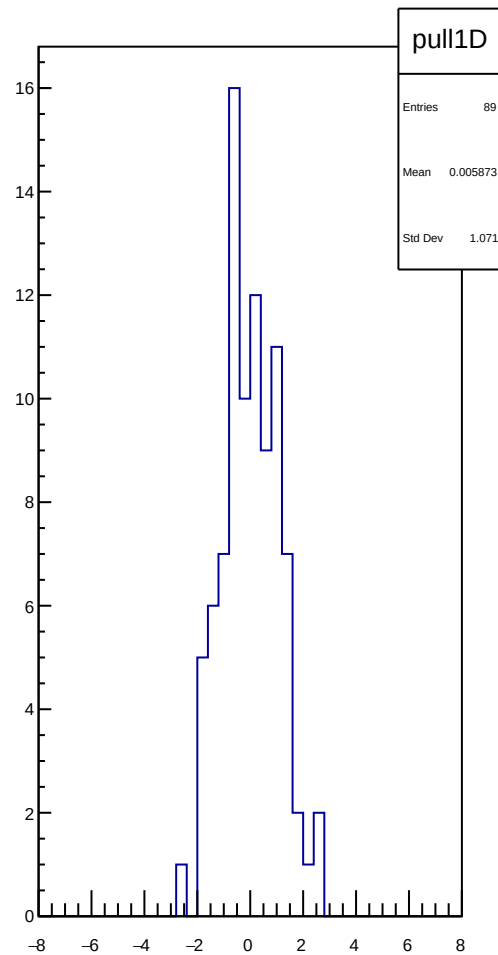
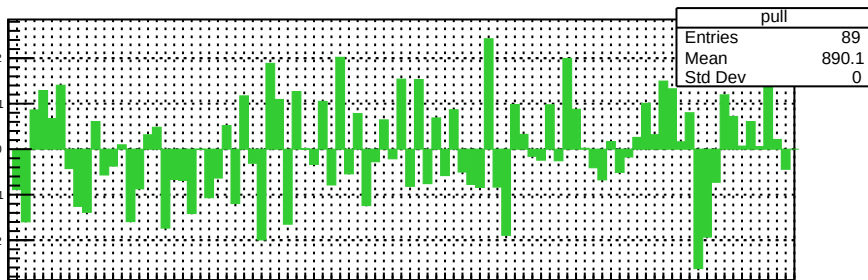
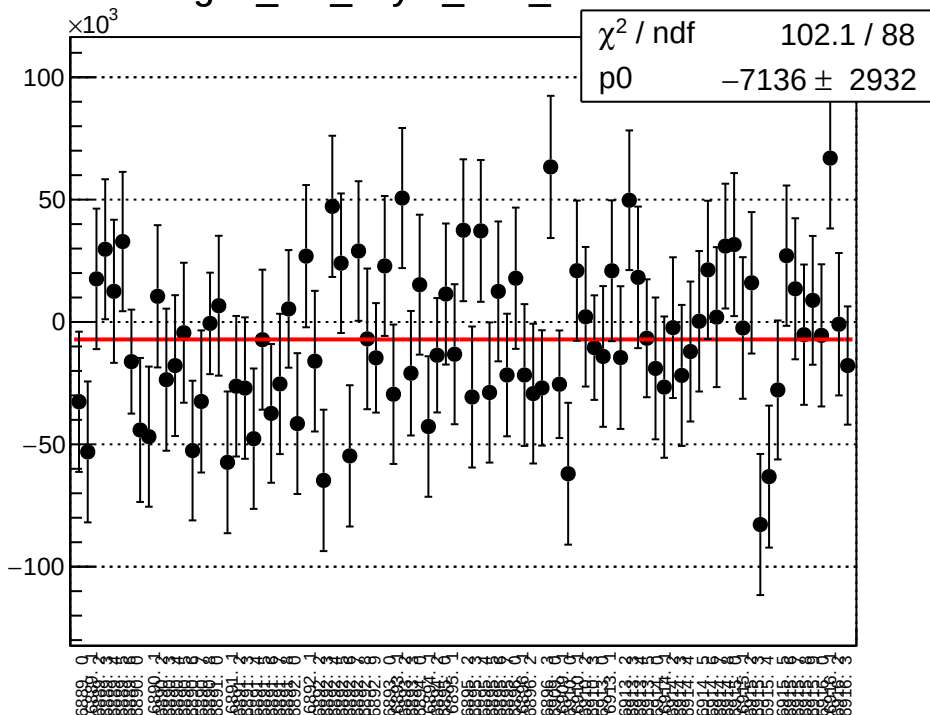
asym_atr1_cor_correction_mean vs run



asym_atr1_cor_correction_rms vs run

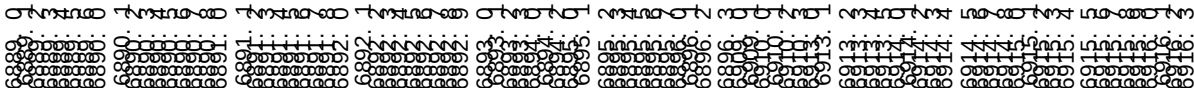


eigen_cor_asym_atr1_mean vs run

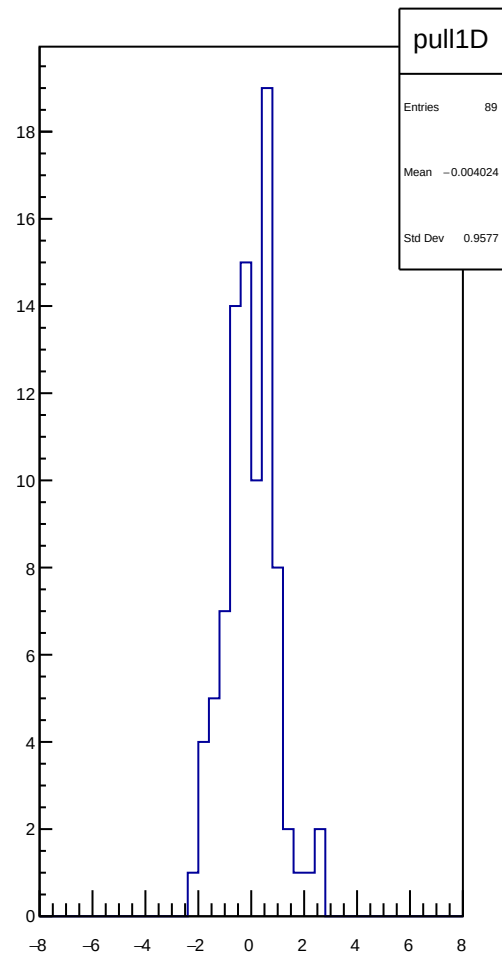
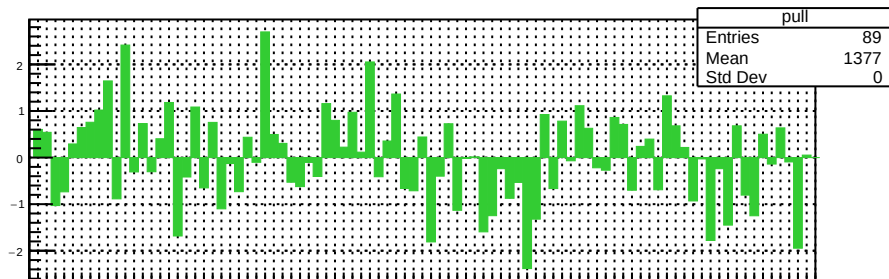
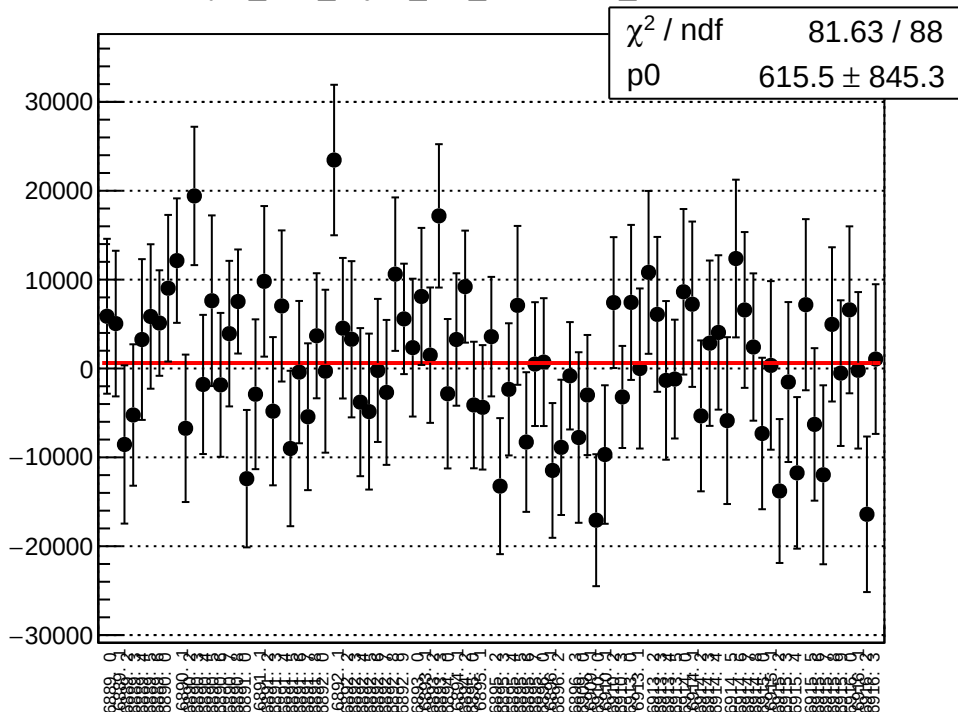


χ^2 / ndf

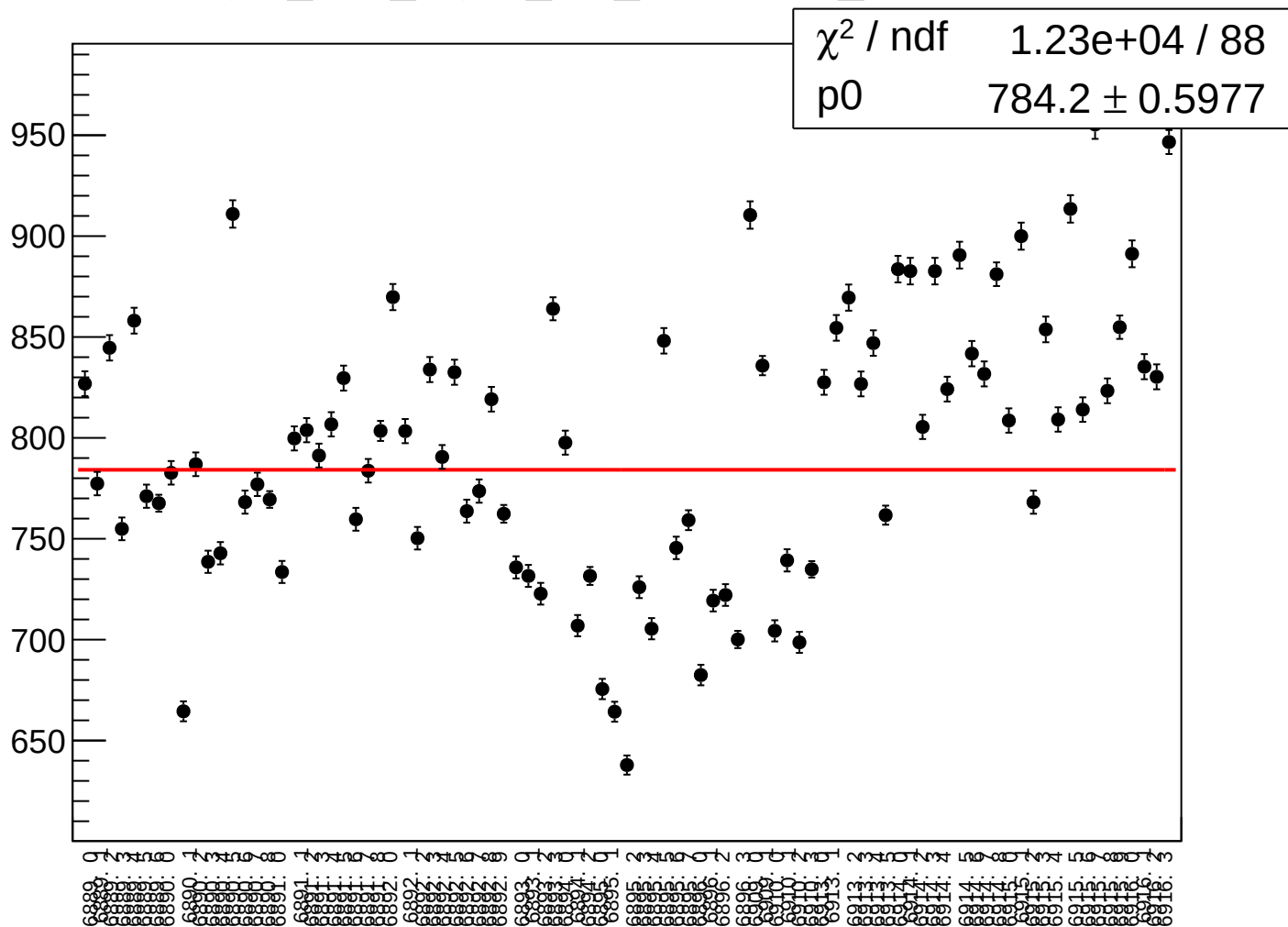
p0

$$2730 \pm 2.073$$


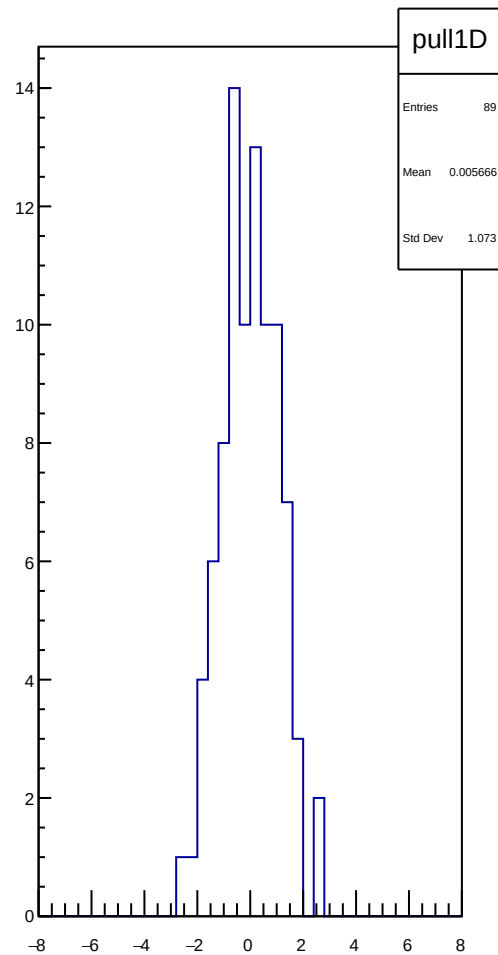
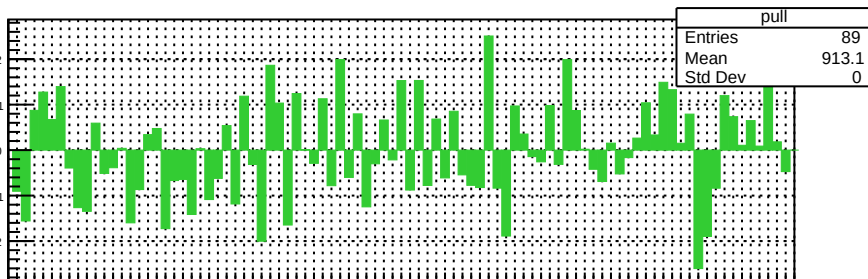
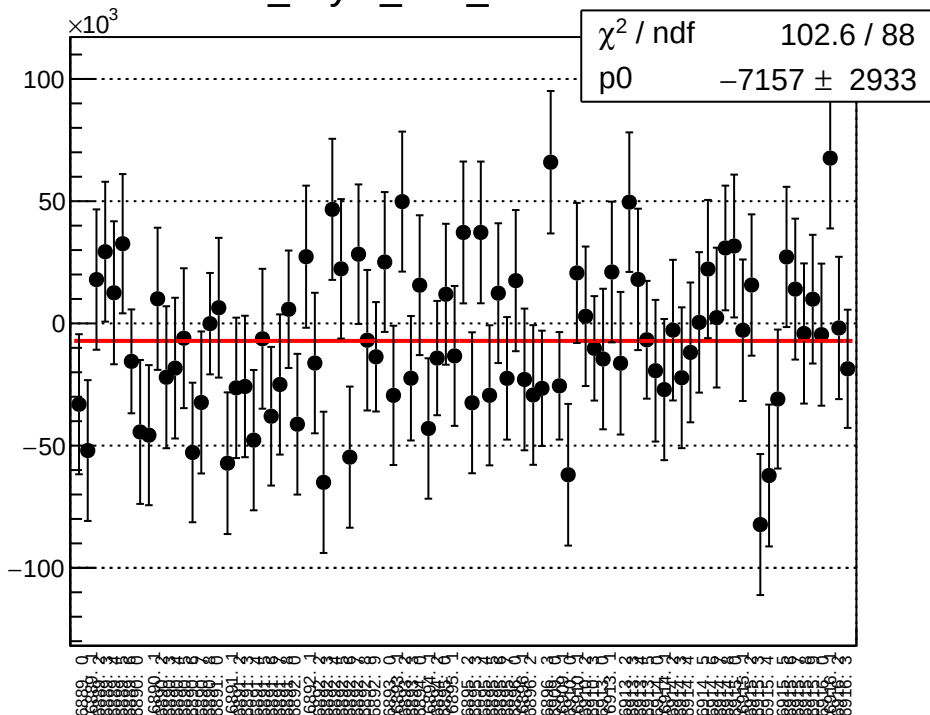
asym_atr1_eigen_cor_correction_mean vs run



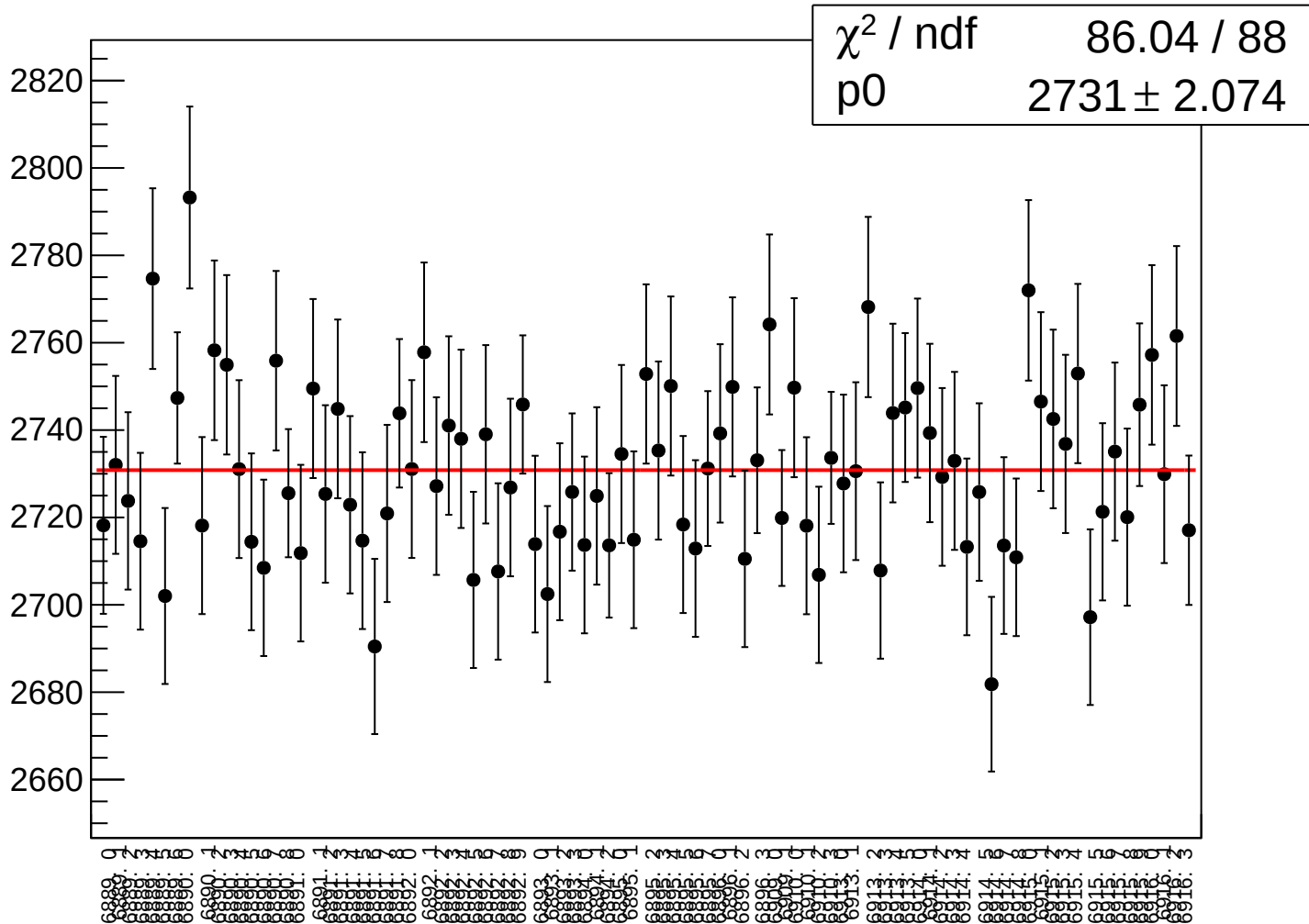
asym_atr1_eigen_cor_correction_rms vs run



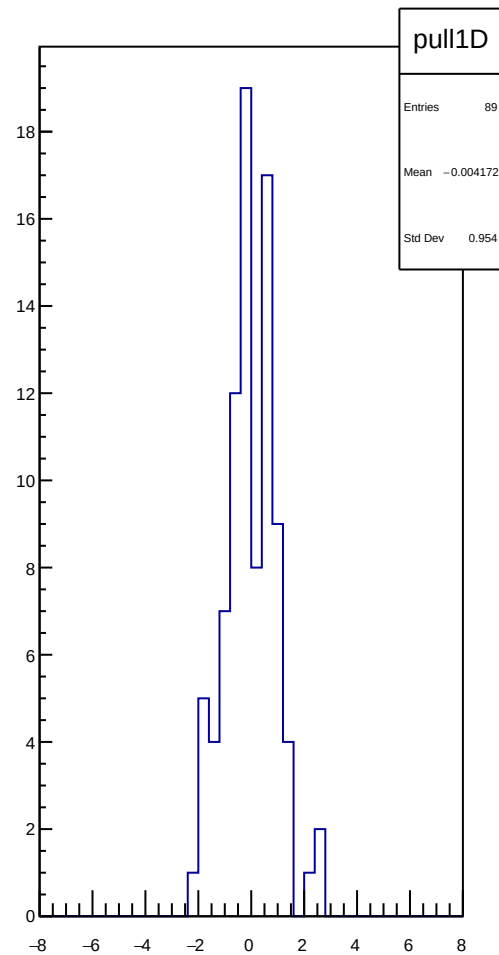
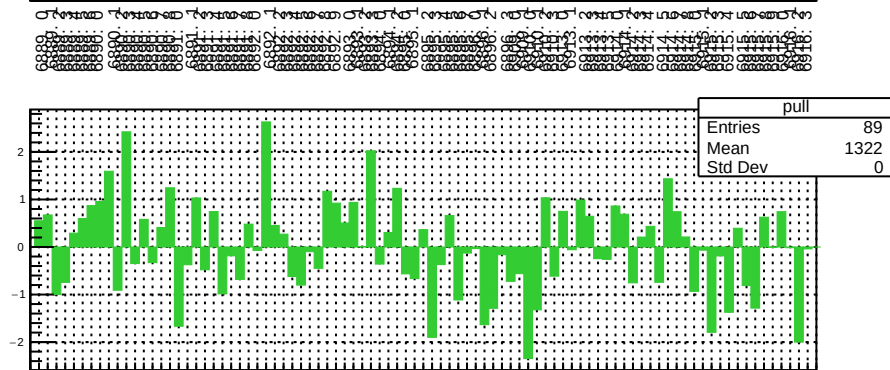
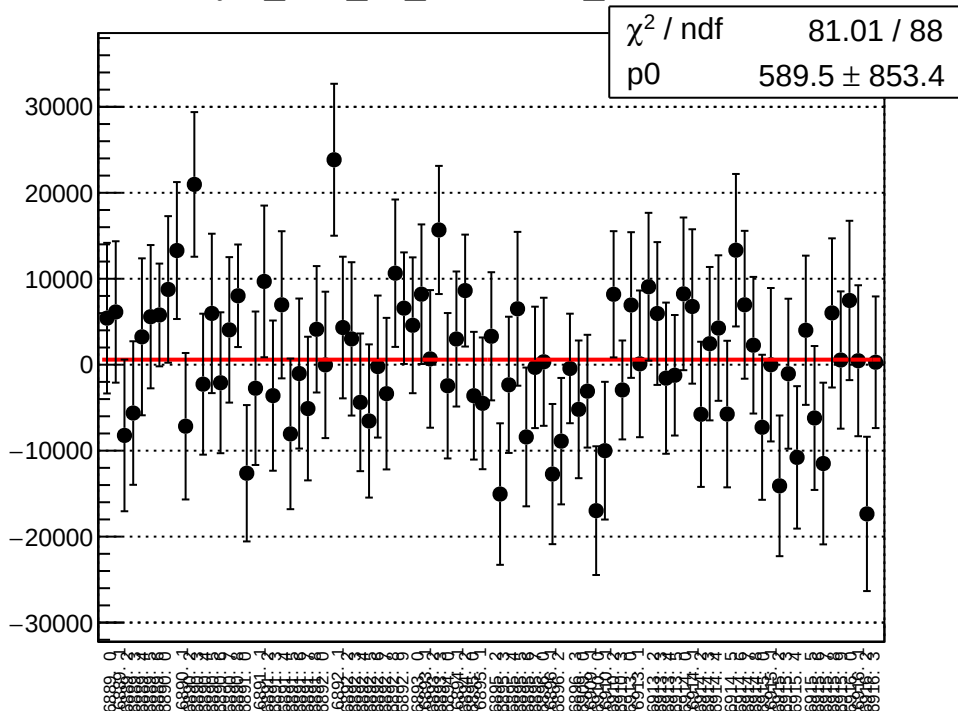
dit_asym_atr1_mean vs run



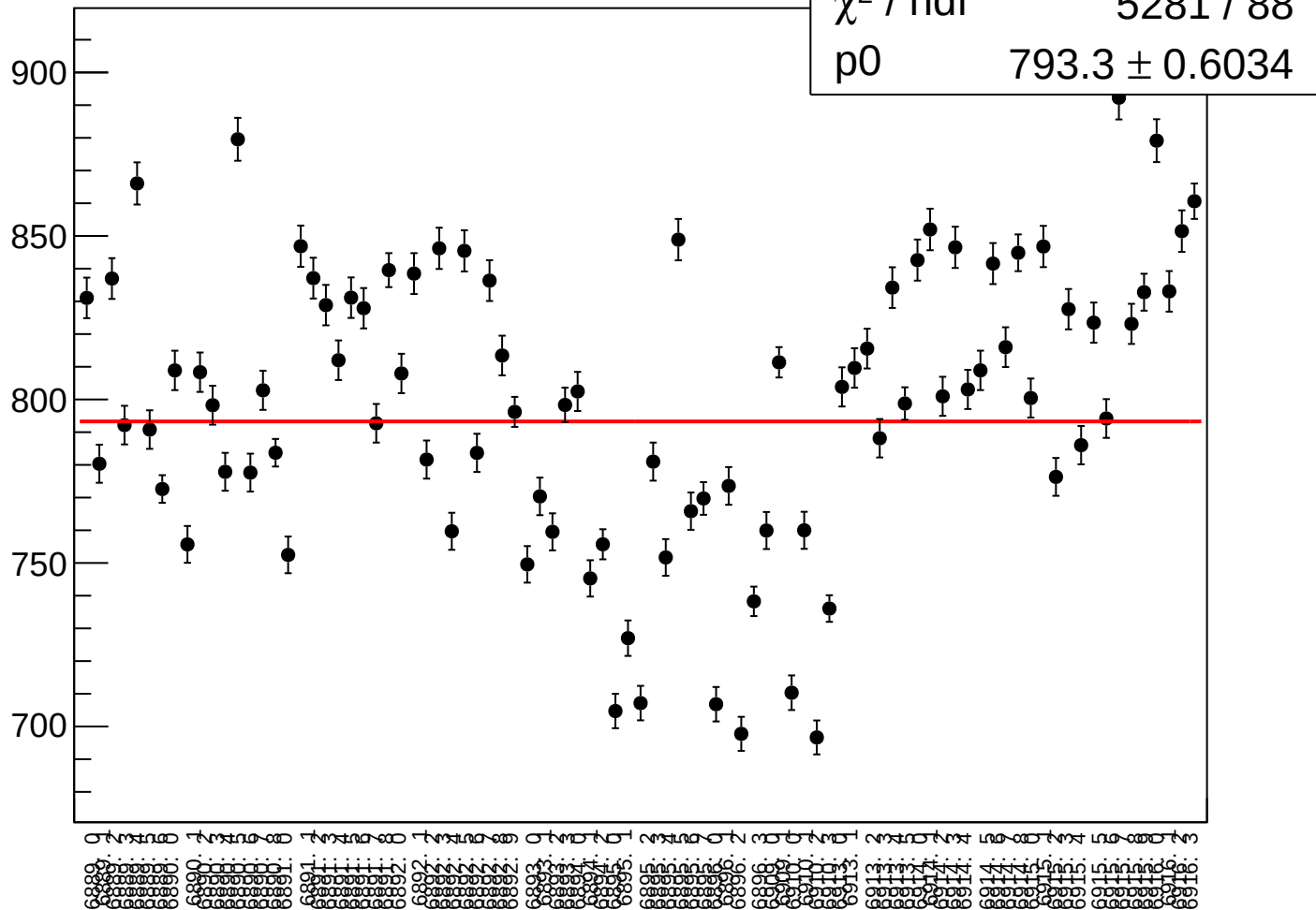
dit_asym_atr1_rms vs run



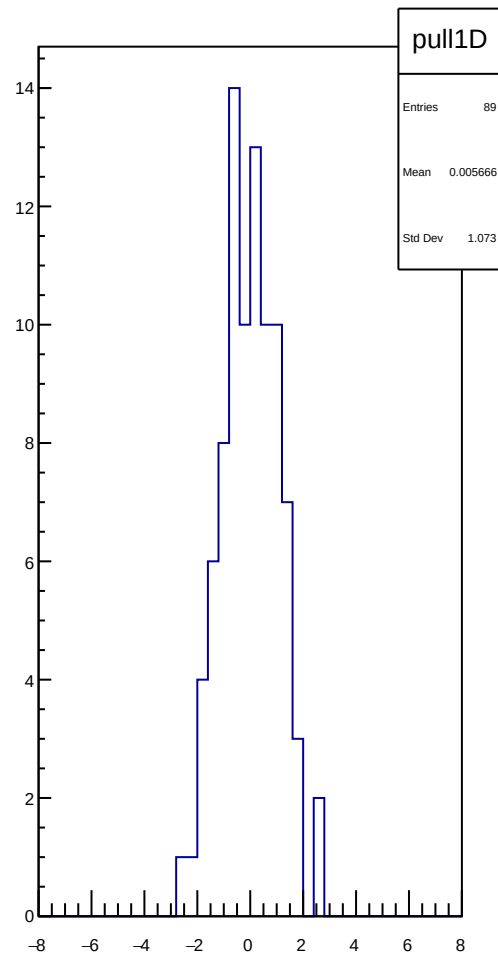
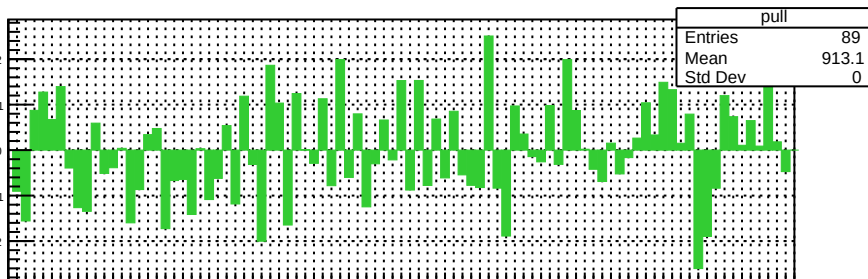
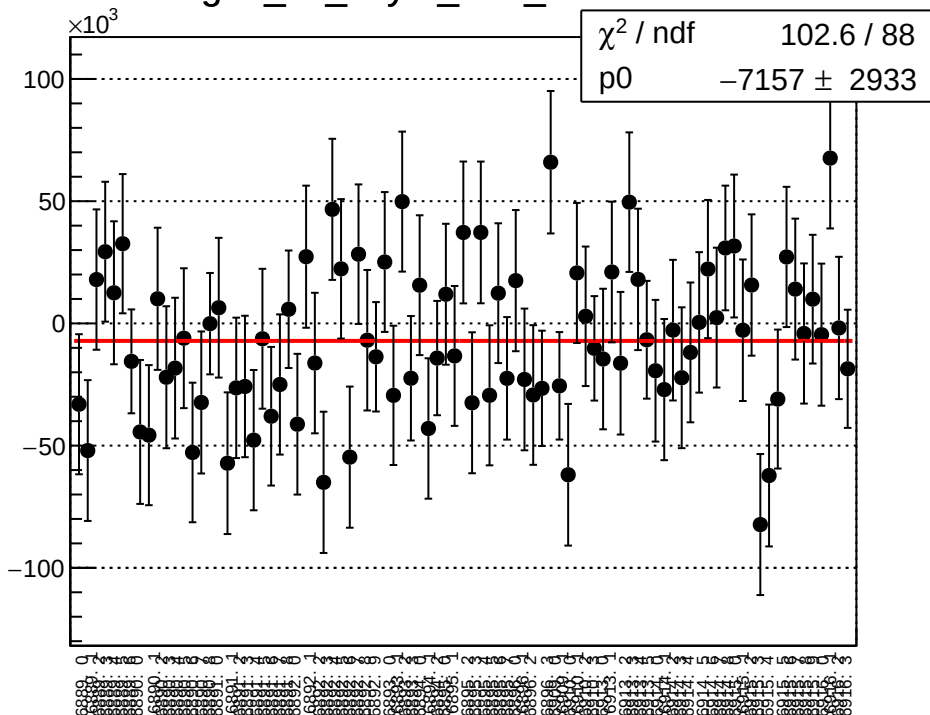
asym_atr1_dit_correction_mean vs run



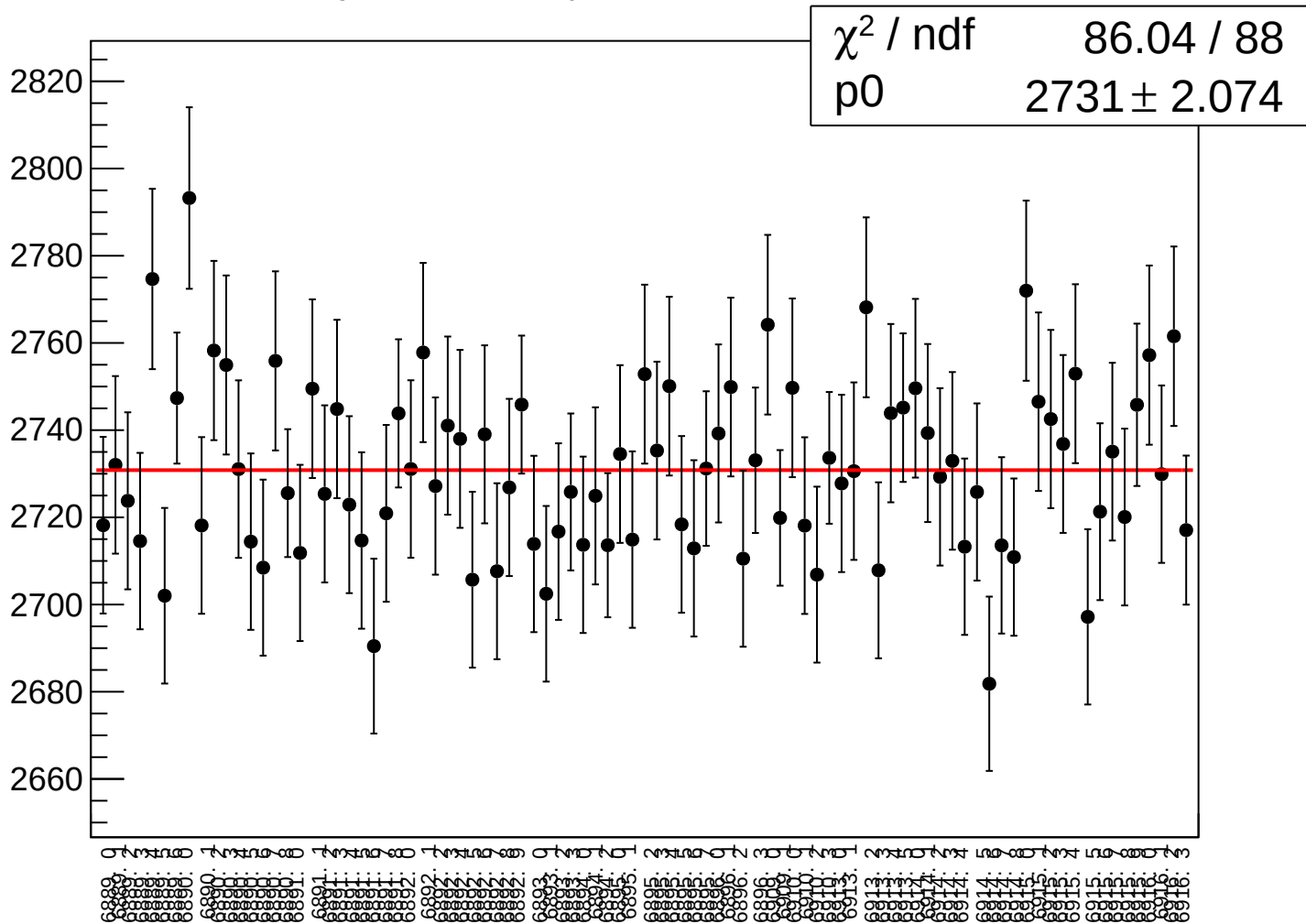
χ^2 / ndf	5281 / 88
p0	793.3 ± 0.6034



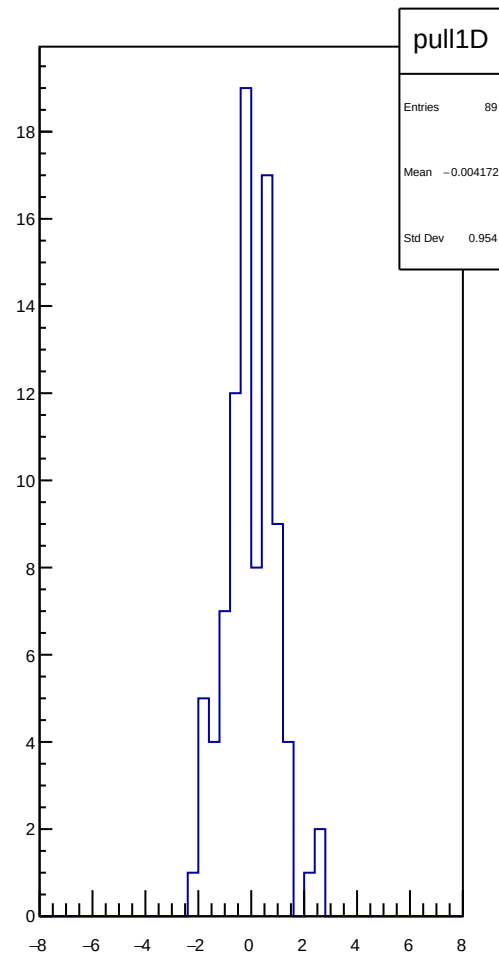
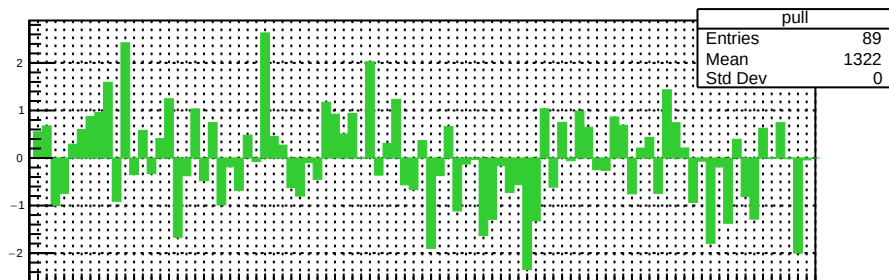
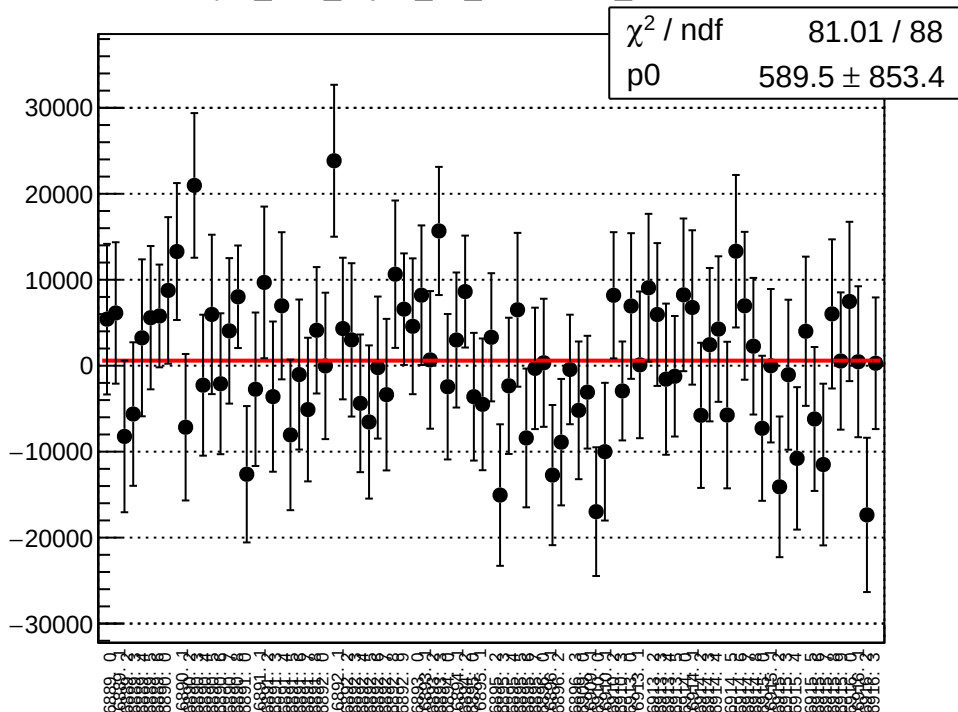
eigen_dit_asym_atr1_mean vs run



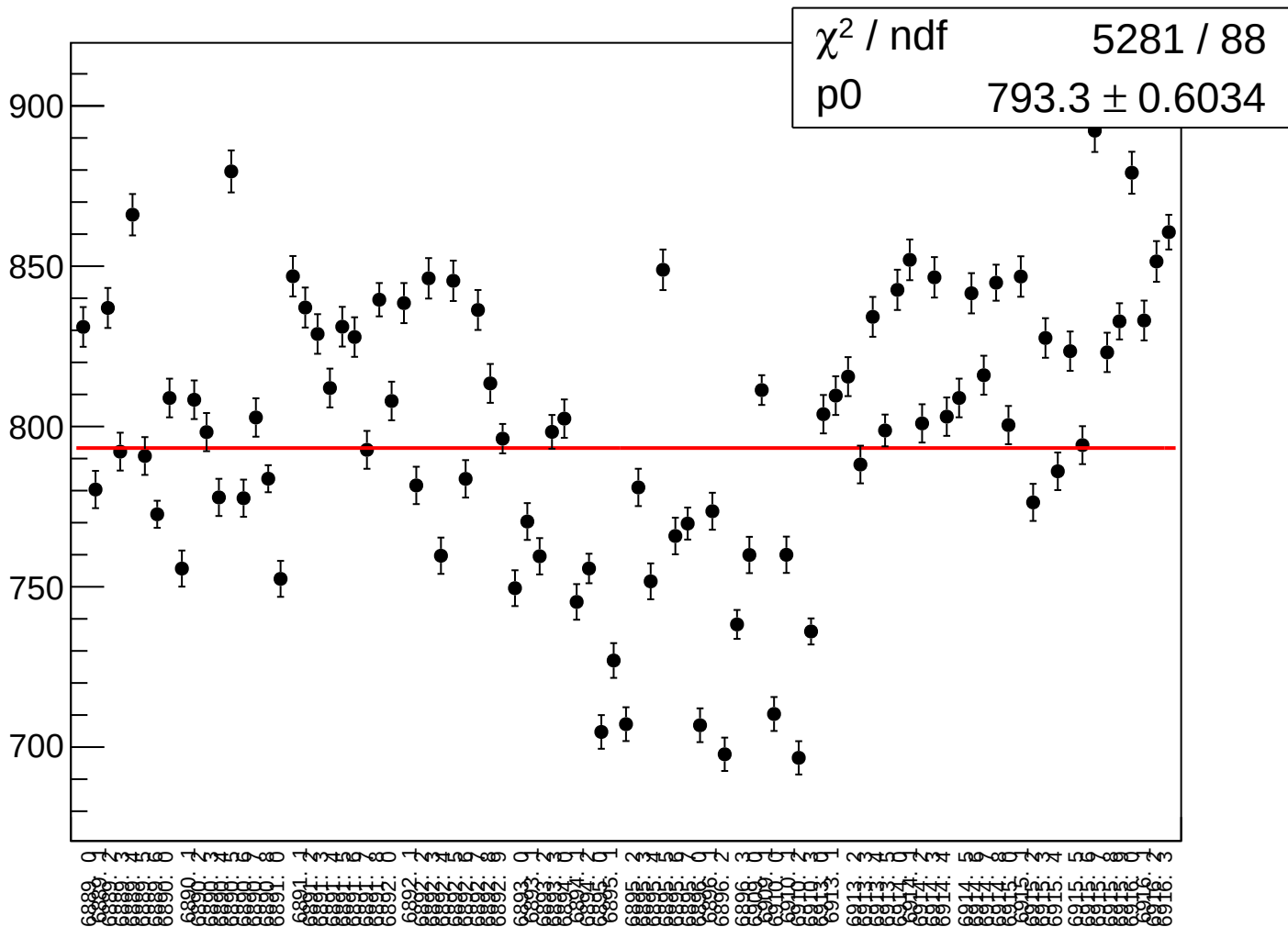
eigen_dit_asym_atr1_rms vs run



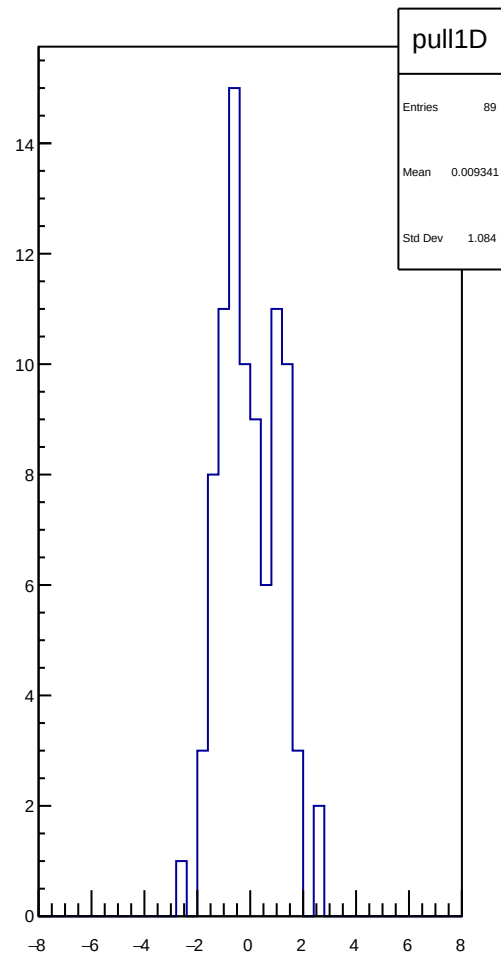
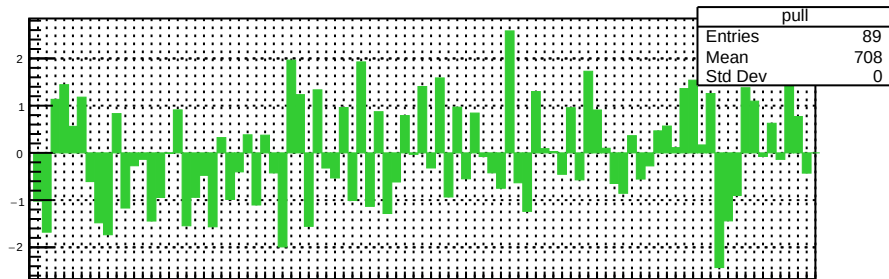
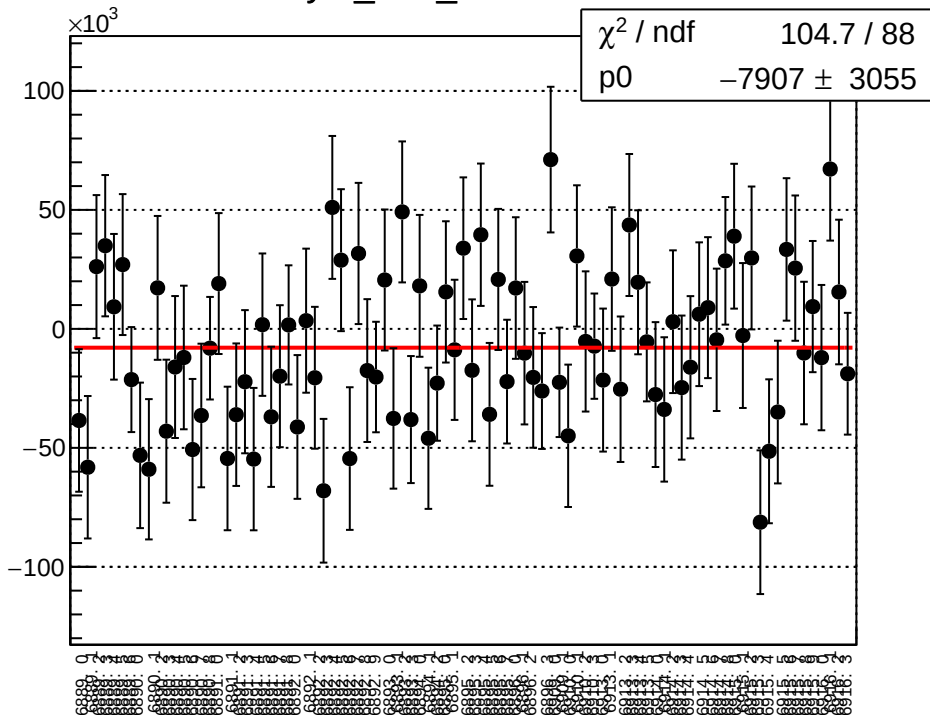
asym_atr1_eigen_dit_correction_mean vs run



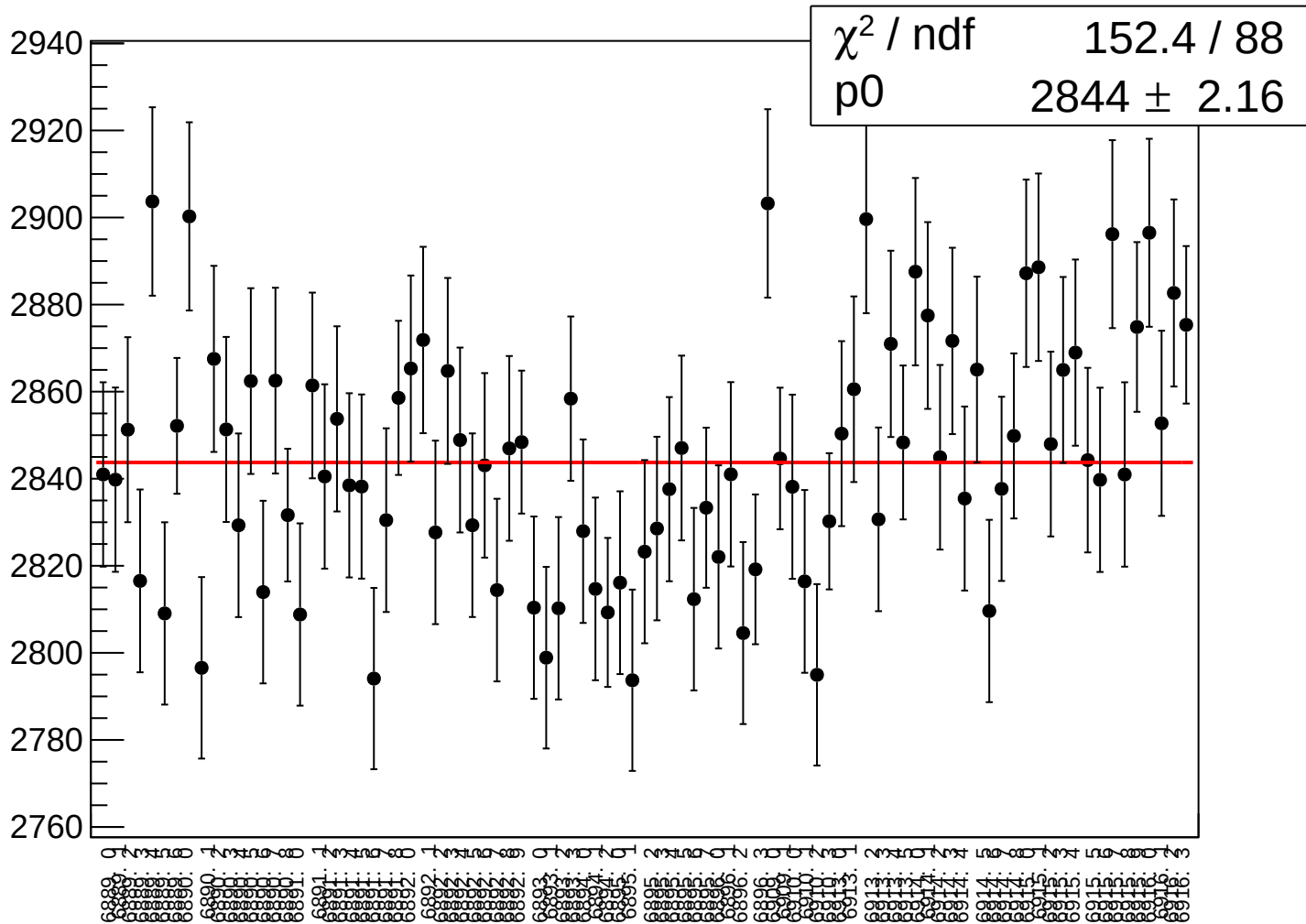
asym_atr1_eigen_dit_correction_rms vs run



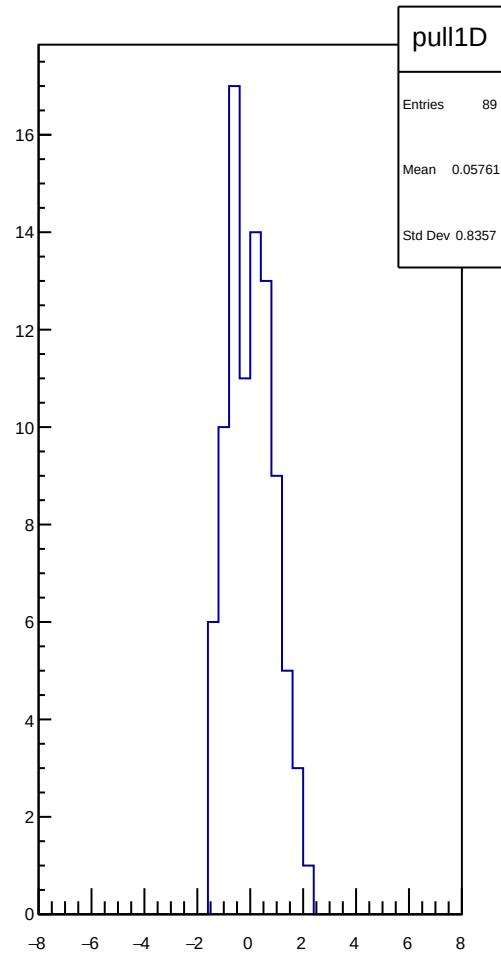
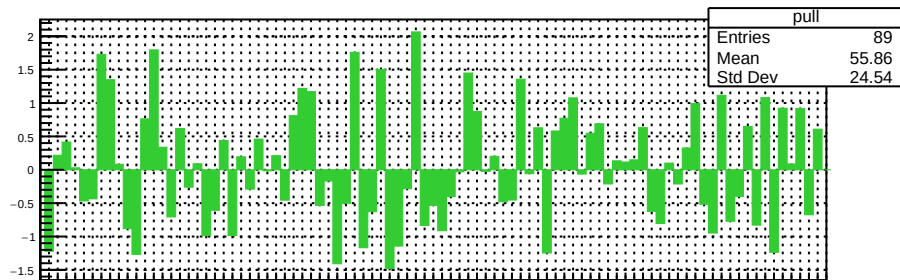
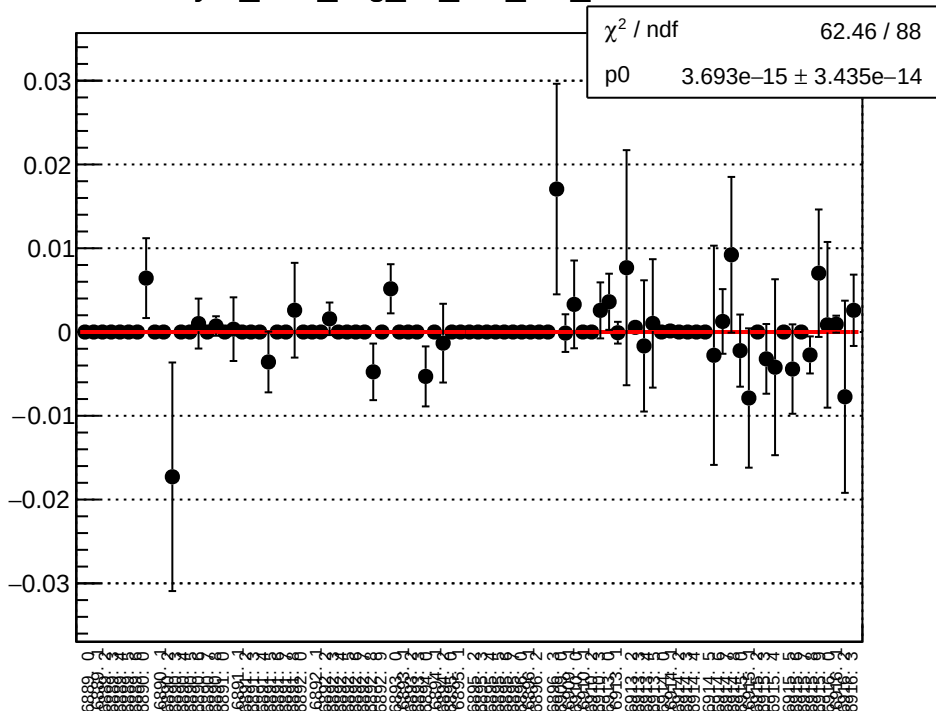
asym_atr1_mean vs run



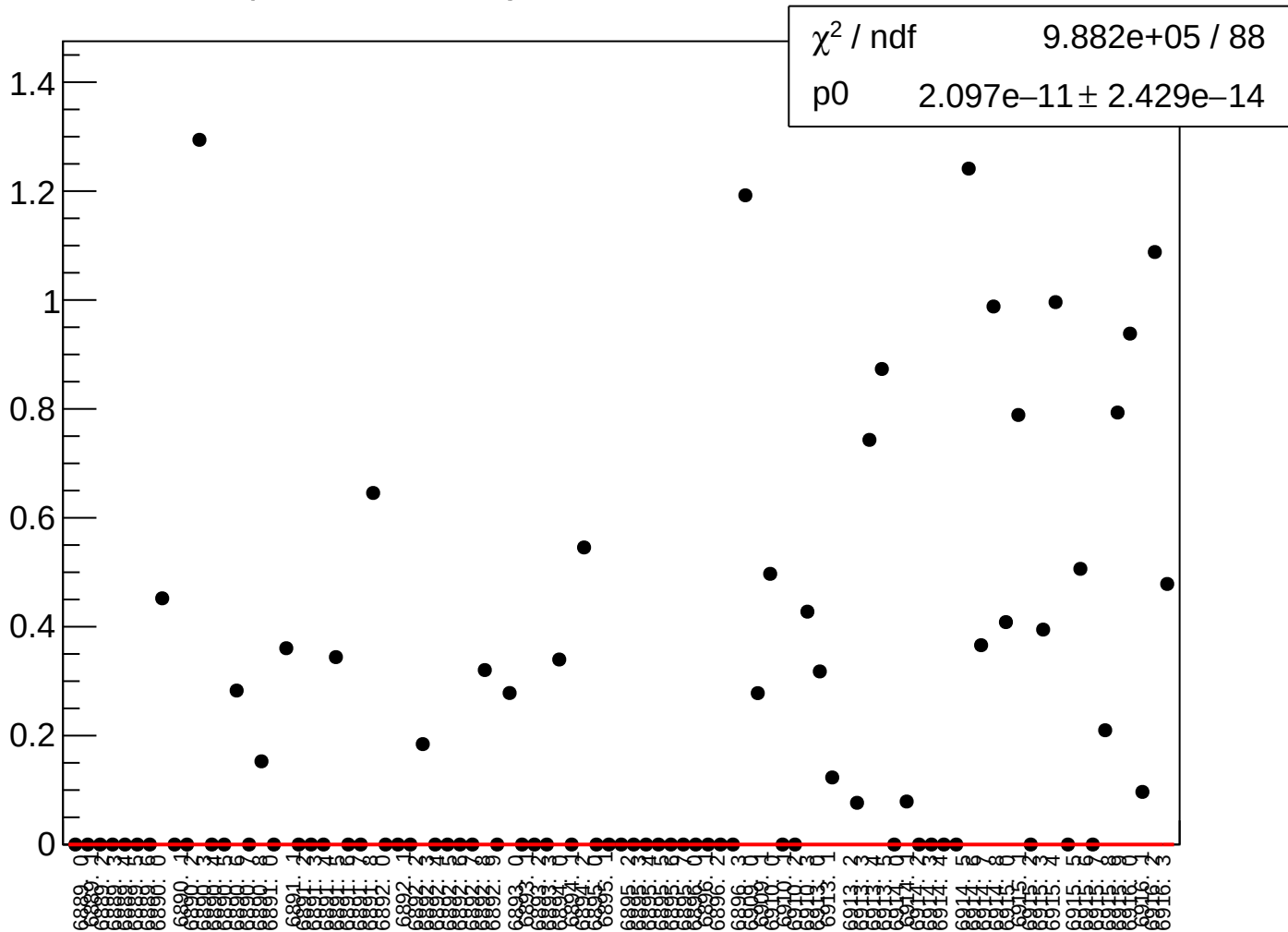
asym_atr1_rms vs run



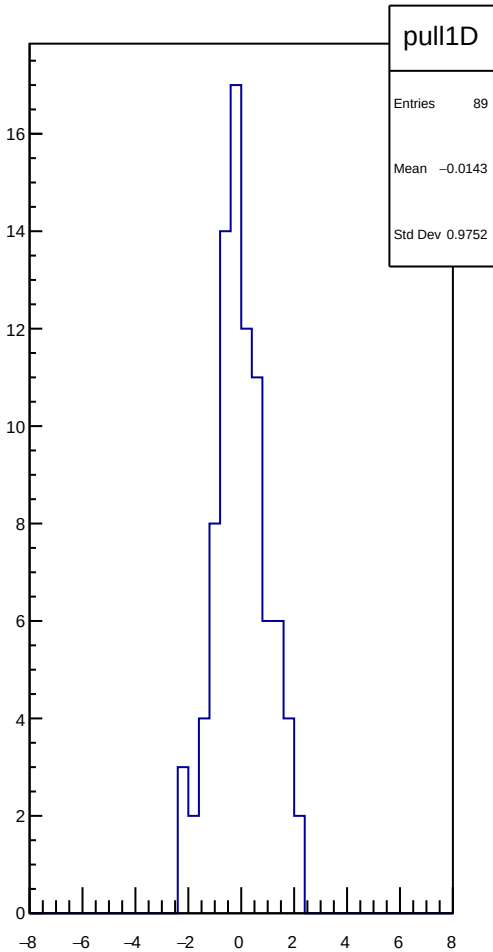
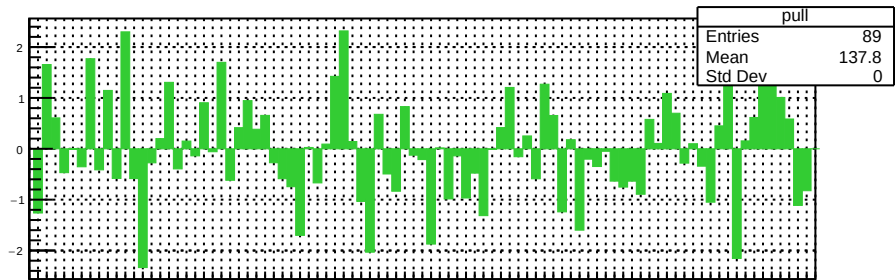
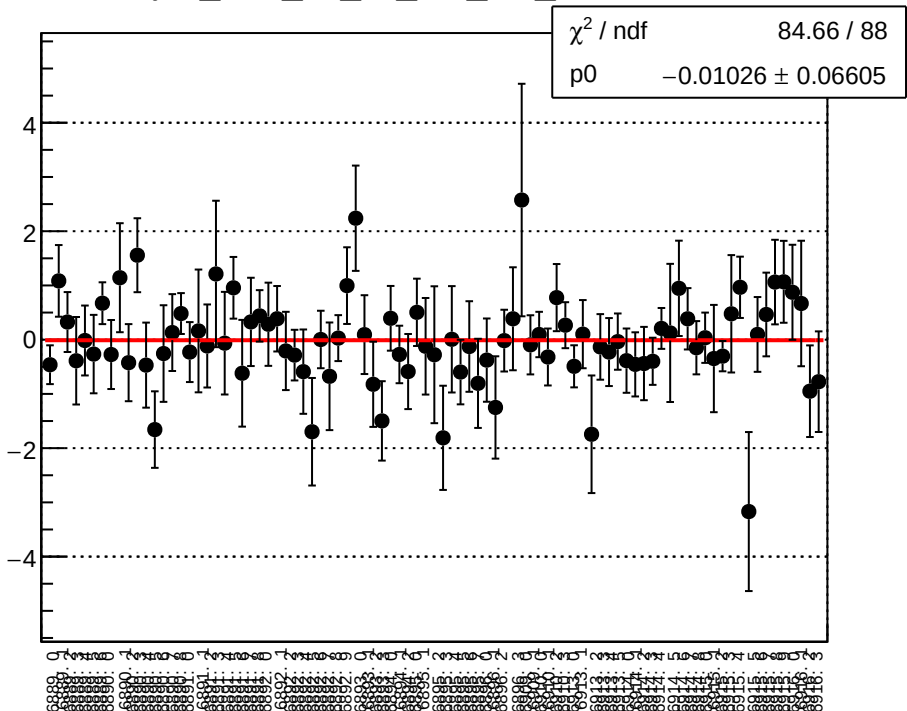
asym_atr1_reg_vs_cor_diff_mean vs run



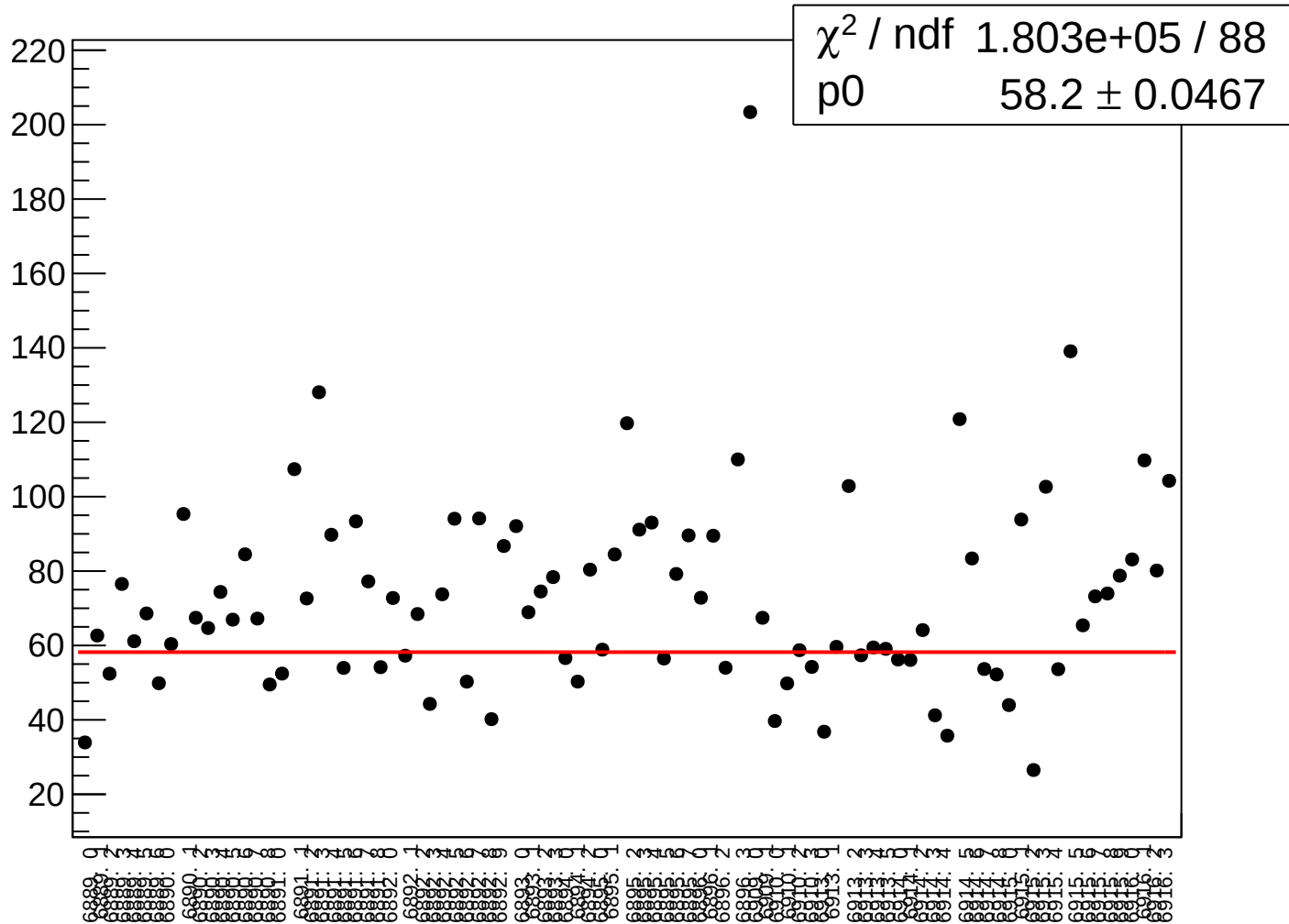
asym_atr1_reg_vs_cor_diff_rms vs run



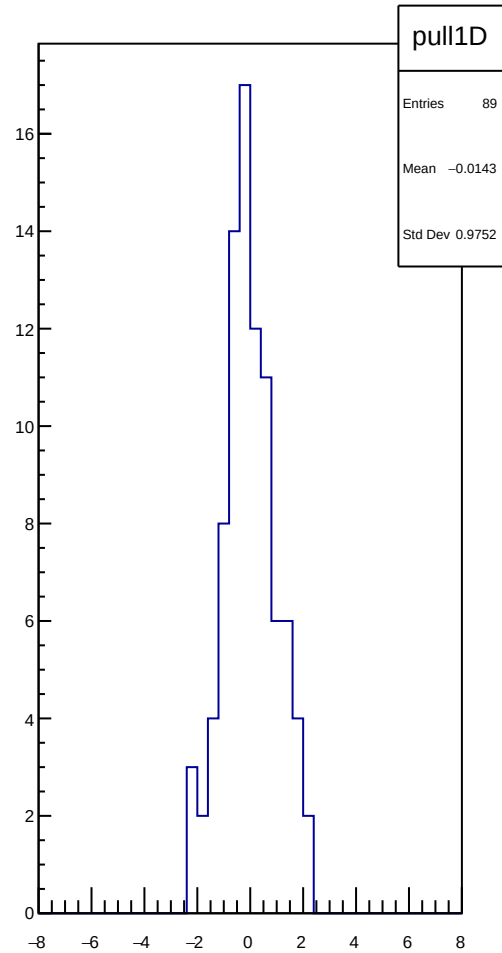
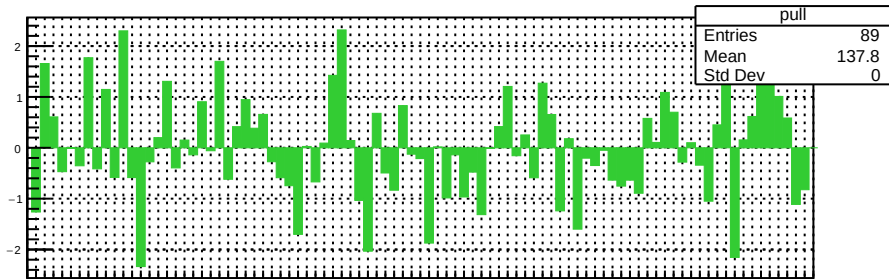
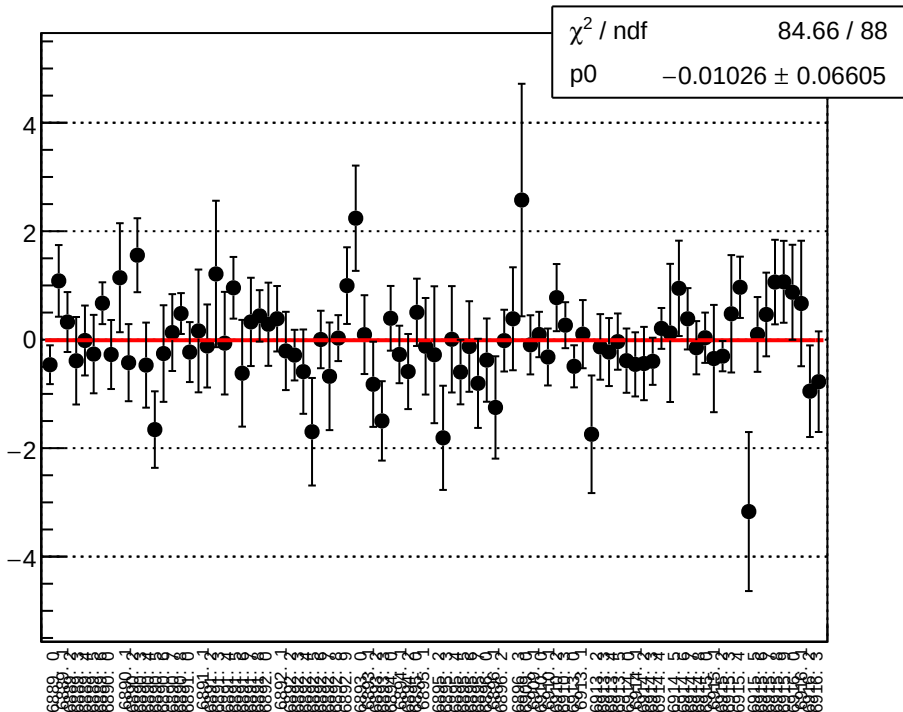
asym_atr1_dit_vs_cor_diff_mean vs run



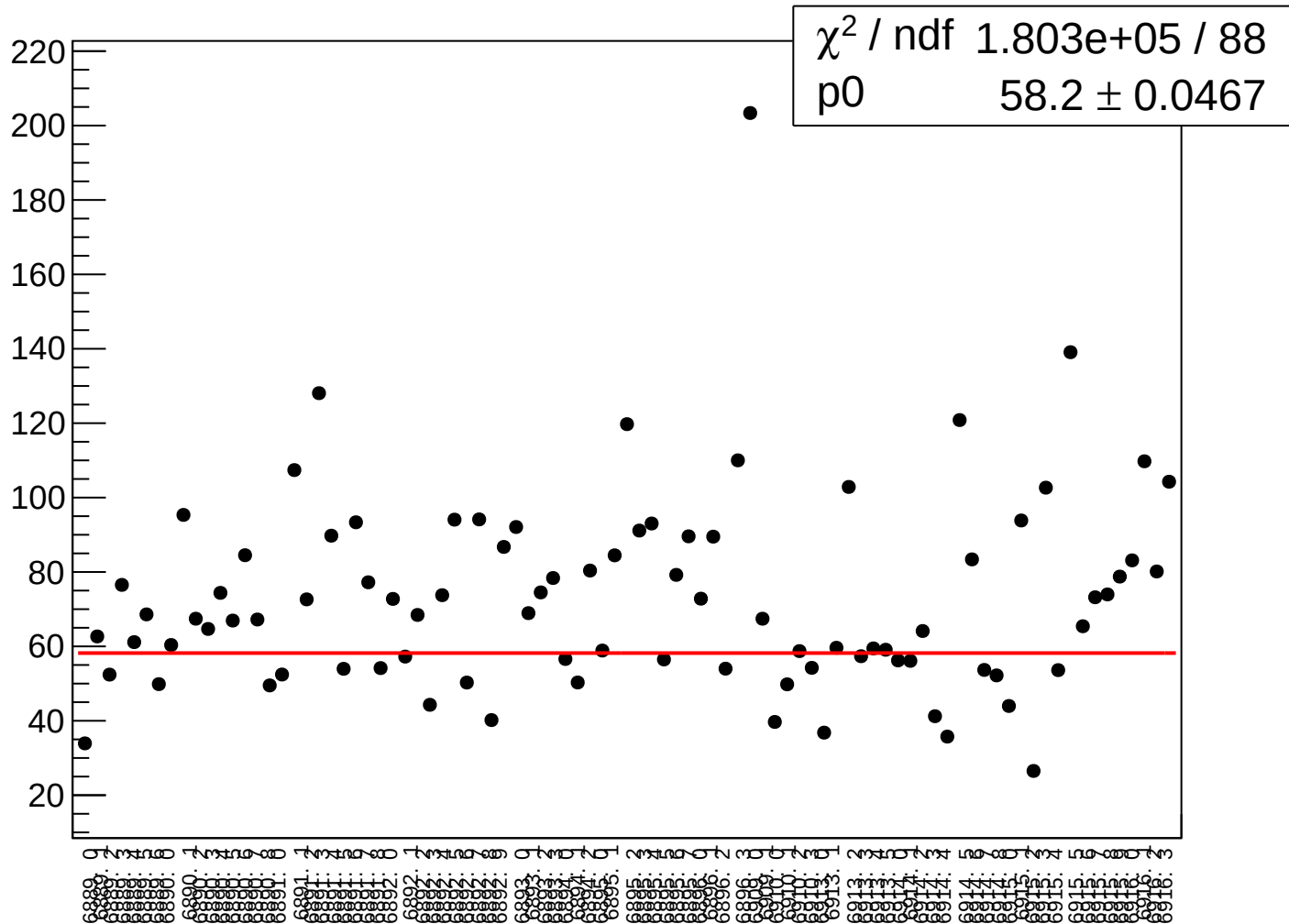
asym_atr1_dit_vs_cor_diff_rms vs run



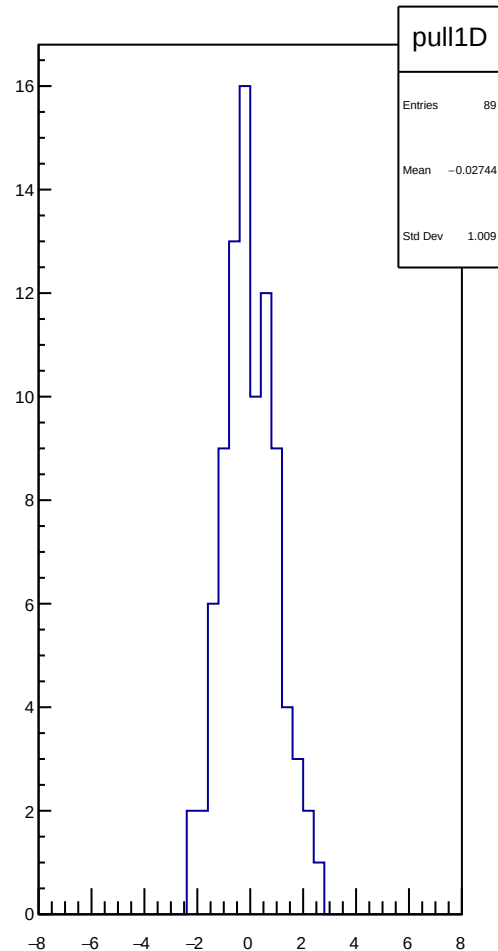
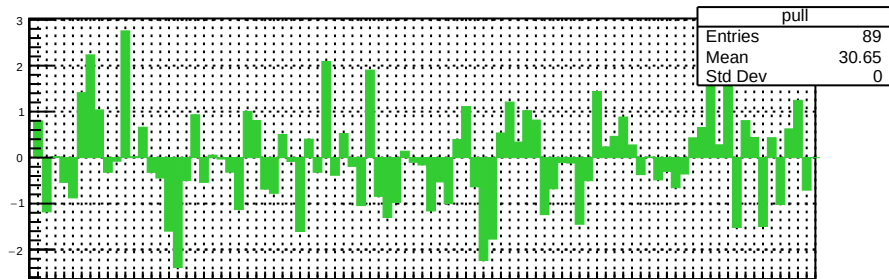
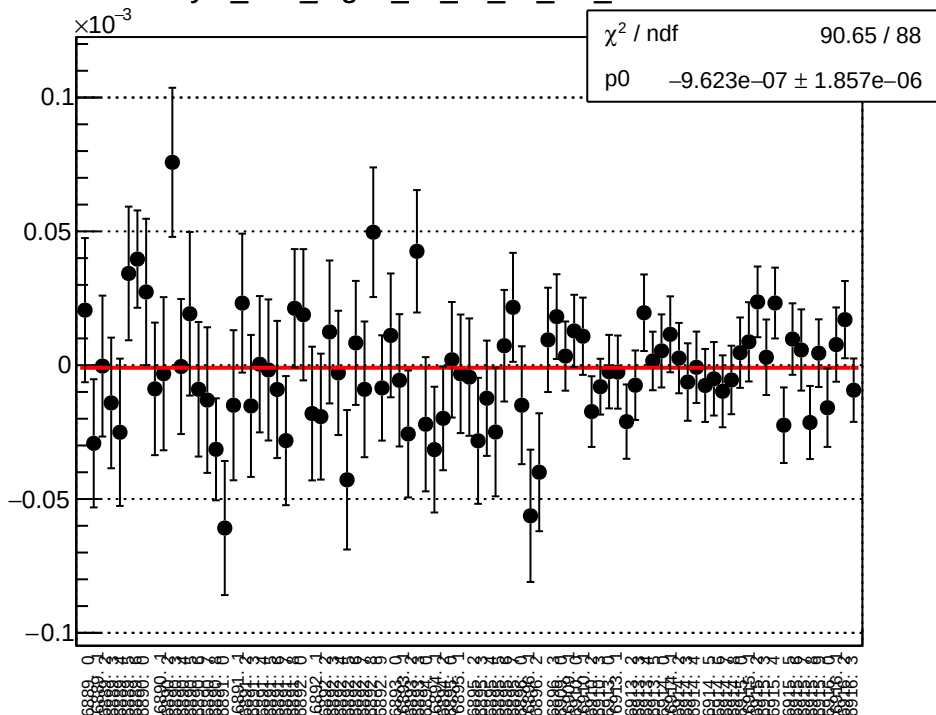
asym atr1 dit vs eigen cor diff mean vs run



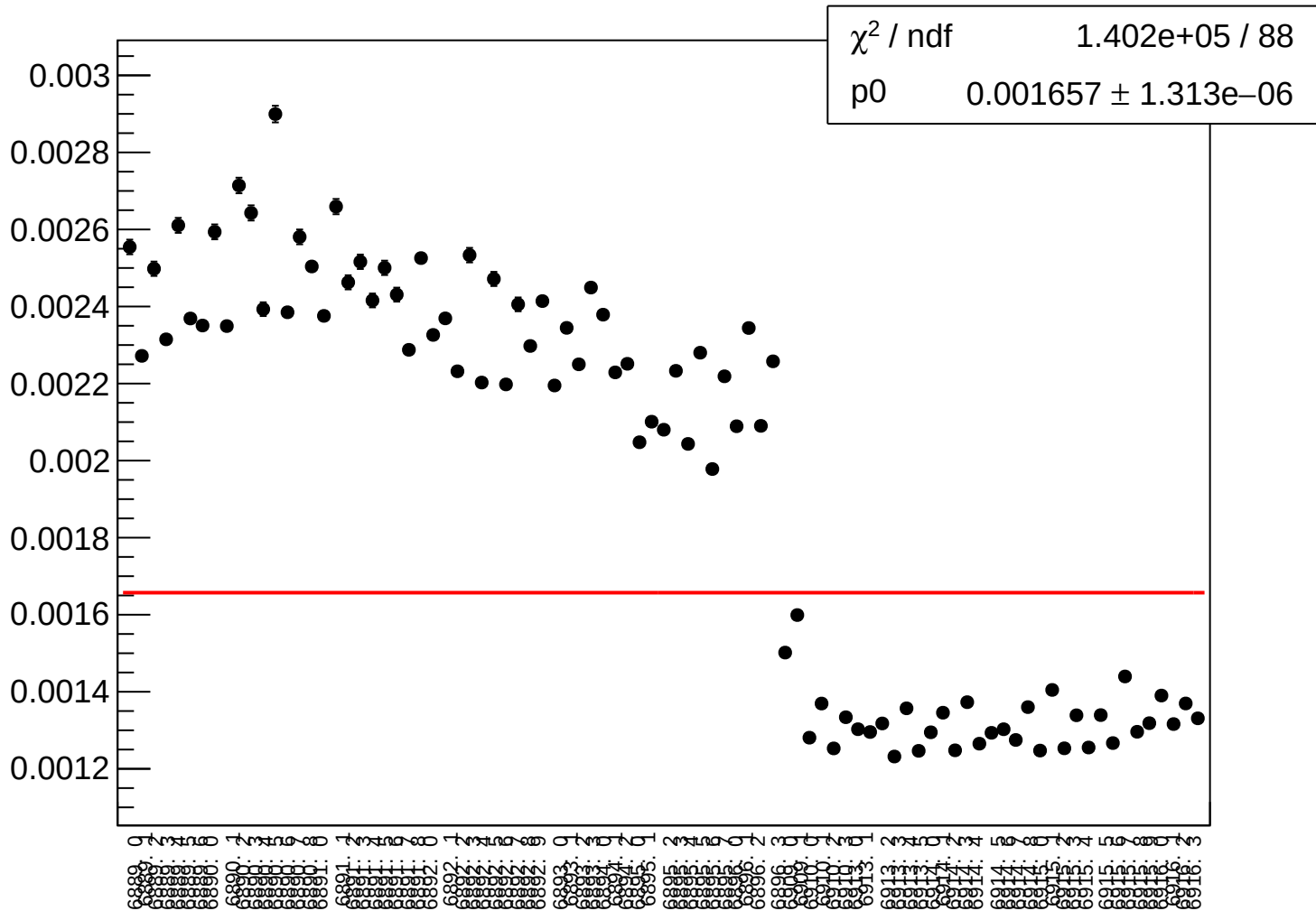
asym_atr1_dit_vs_eigen_cor_diff_rms vs run



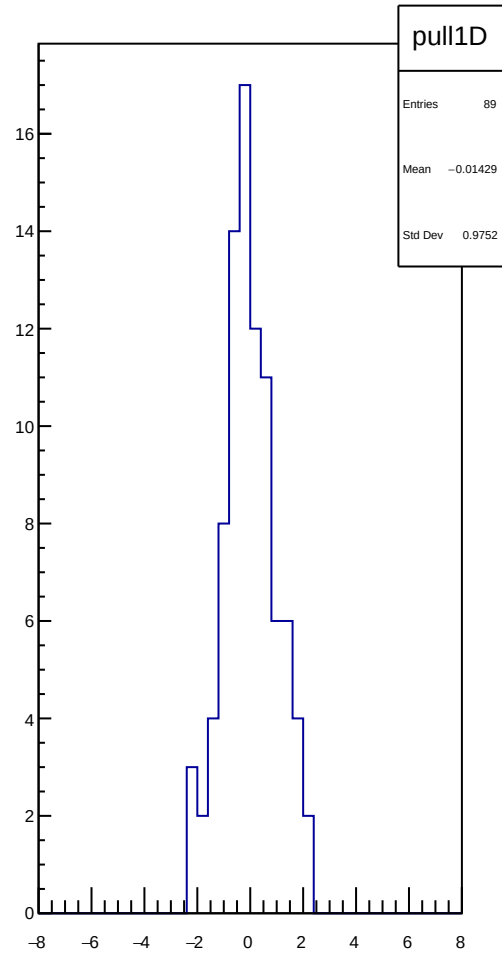
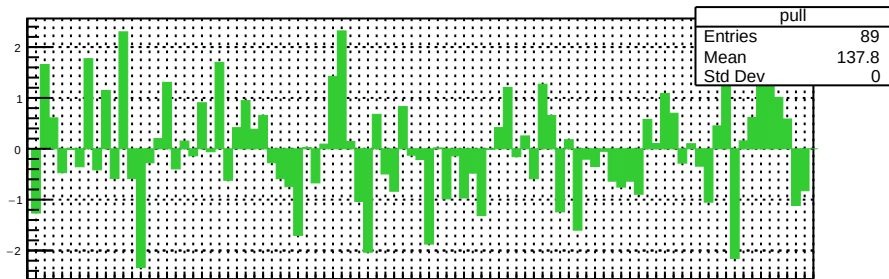
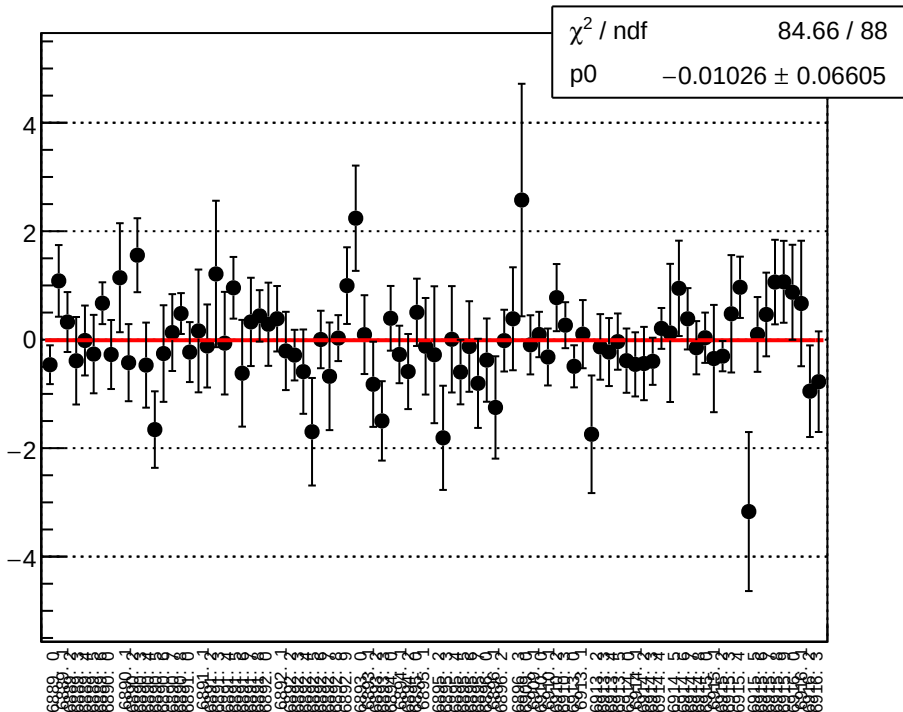
asym_atr1_eigen_dit_vs_dit_diff_mean vs run



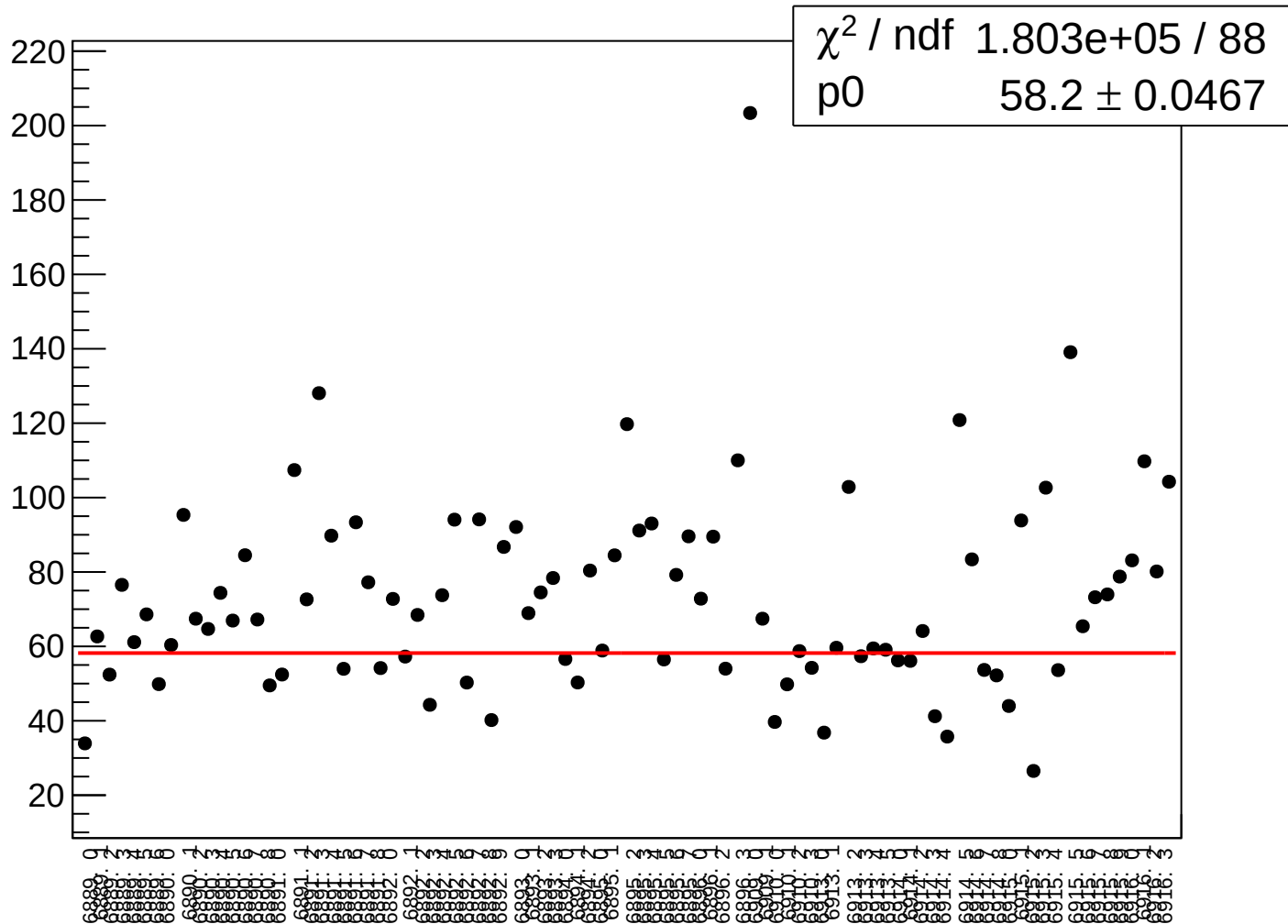
asym_atr1_eigen_dit_vs_dit_diff_rms vs run



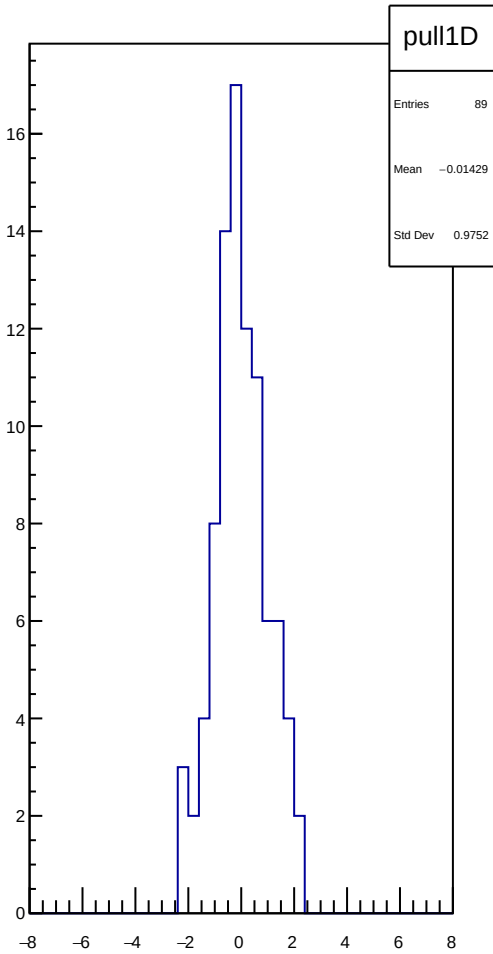
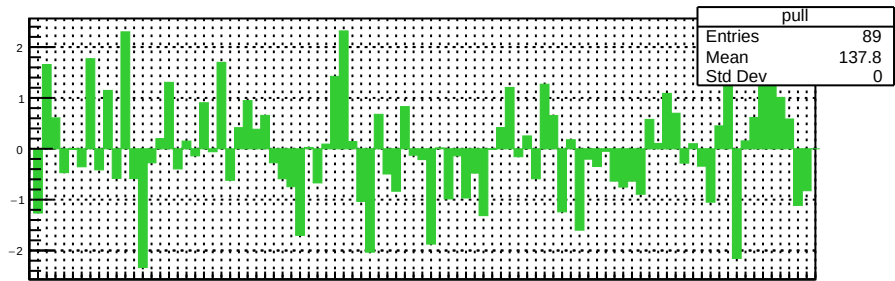
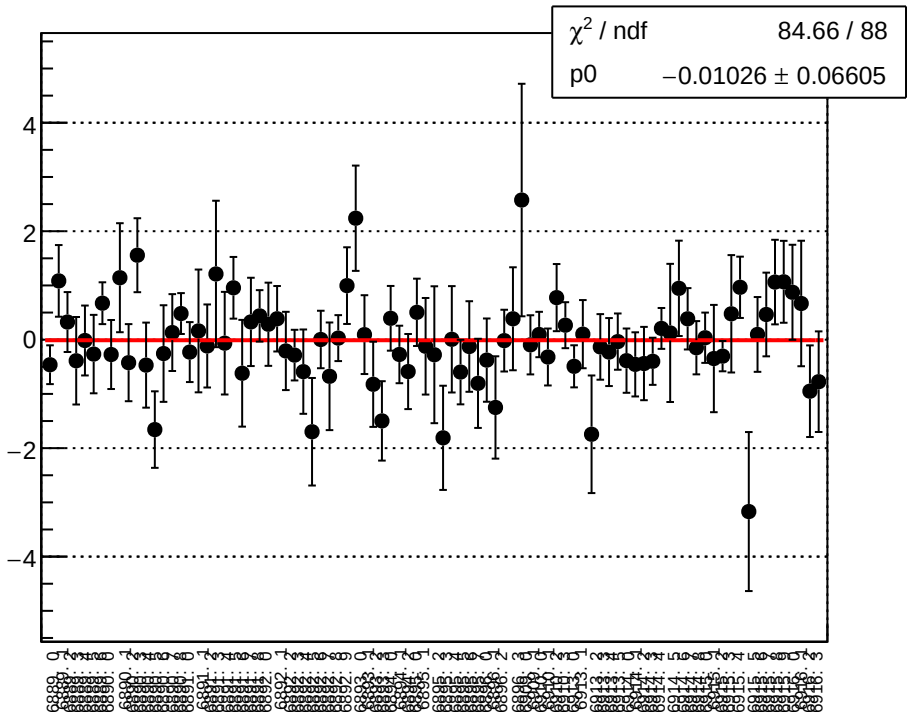
asym_atr1_eigen_dit_vs_cor_diff_mean vs run



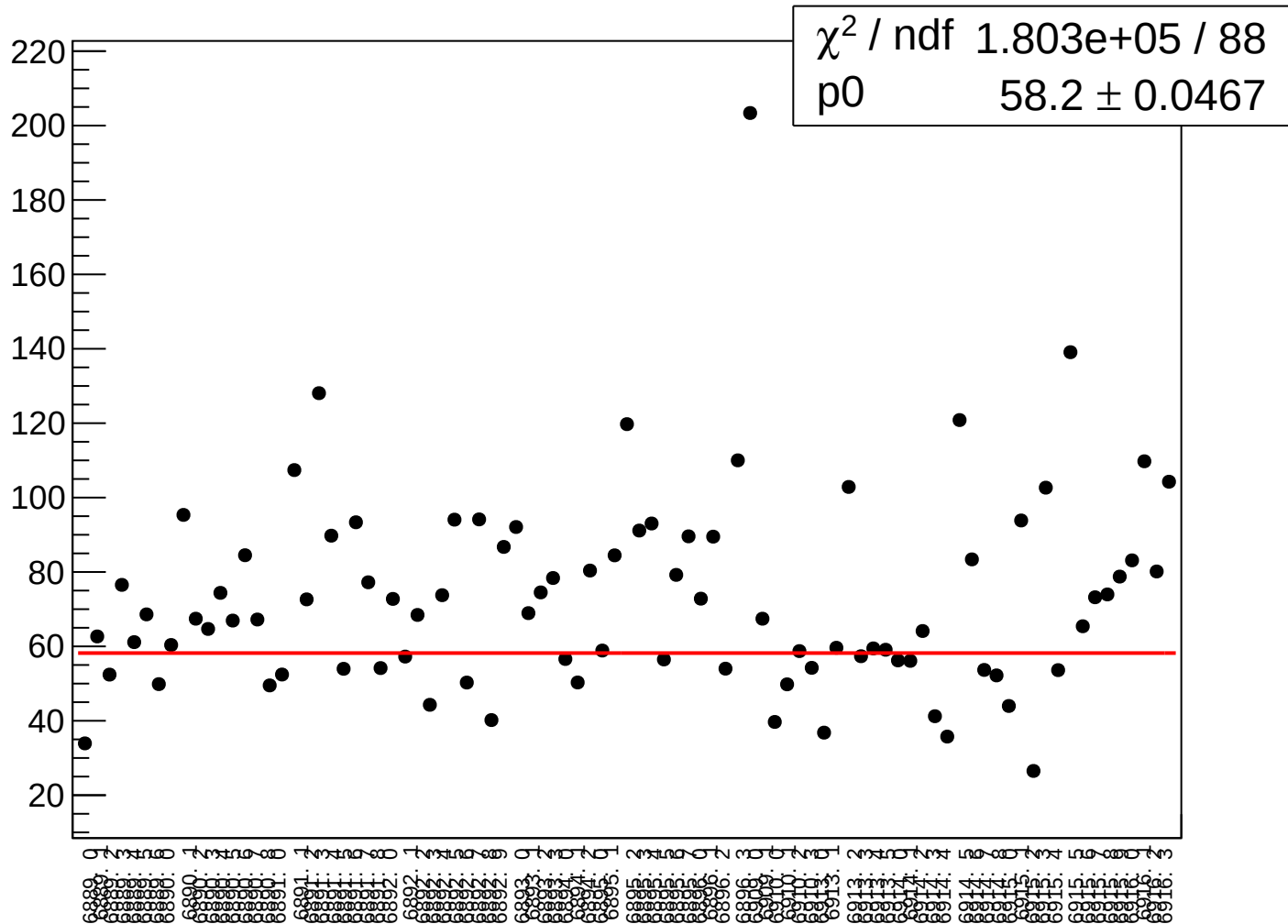
asym_atr1_eigen_dit_vs_cor_diff_rms vs run



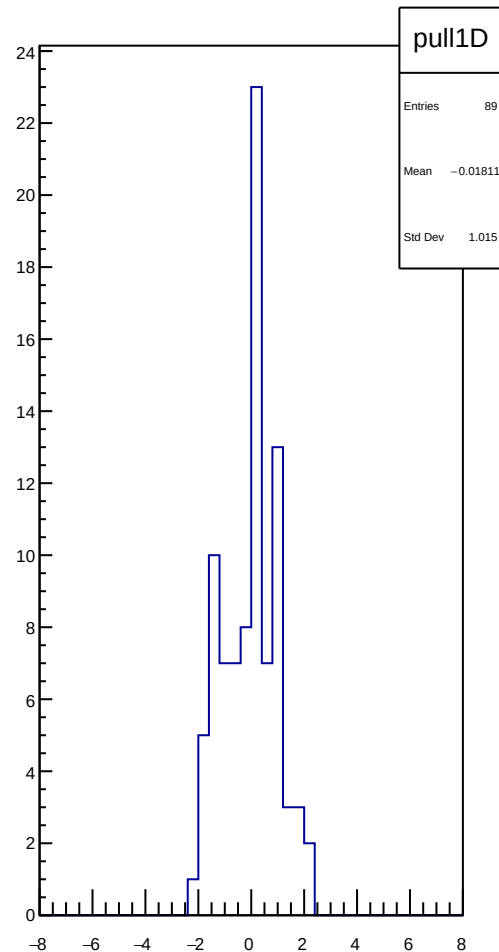
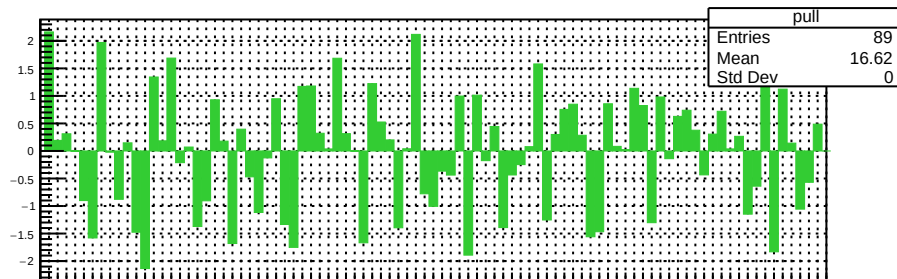
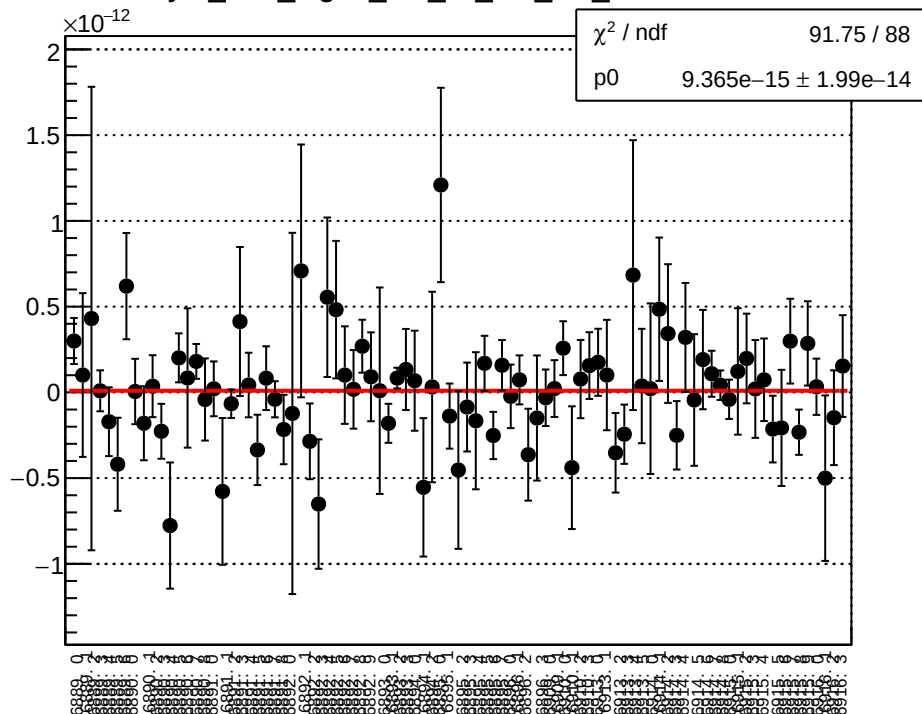
asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs run



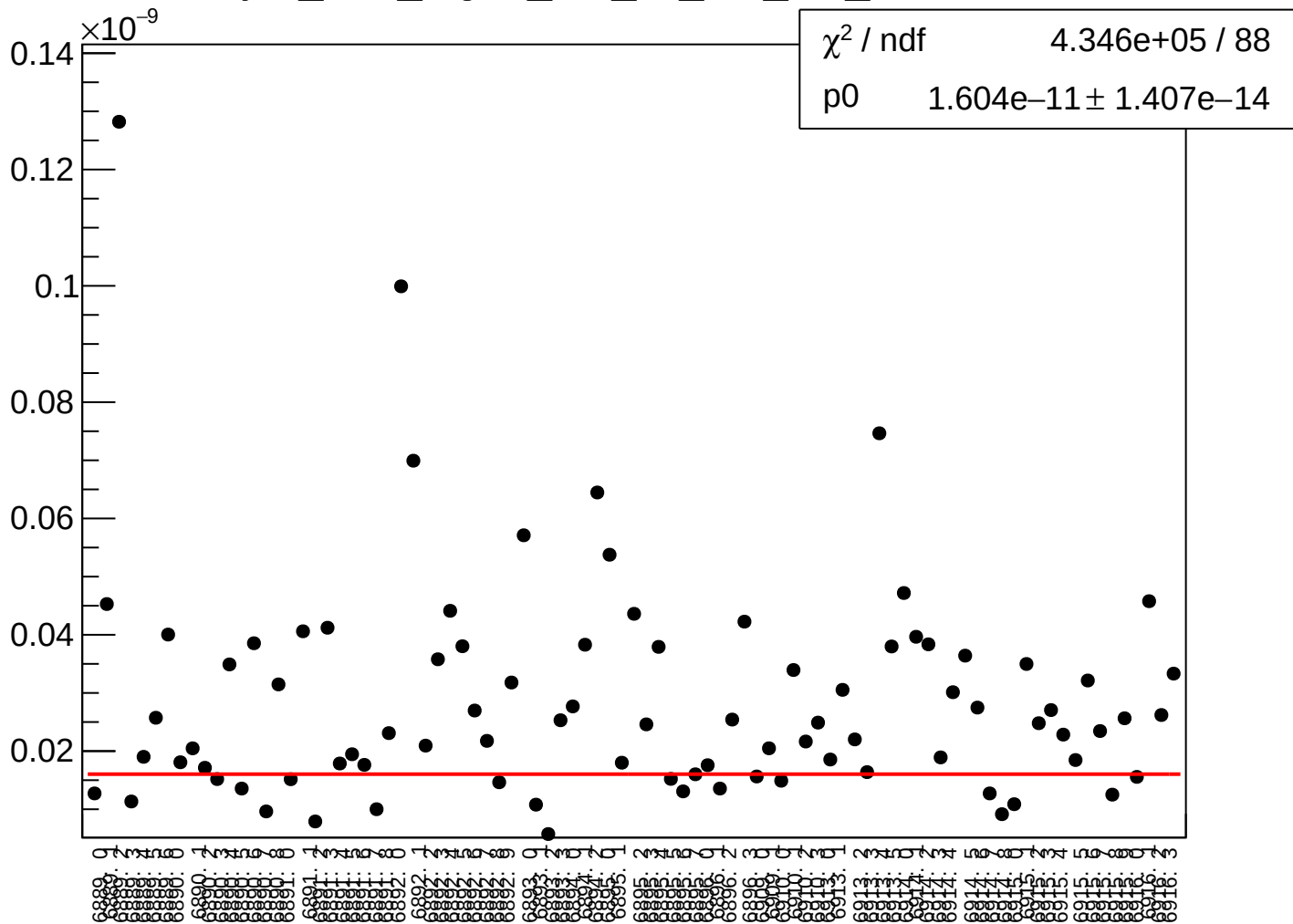
asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs run



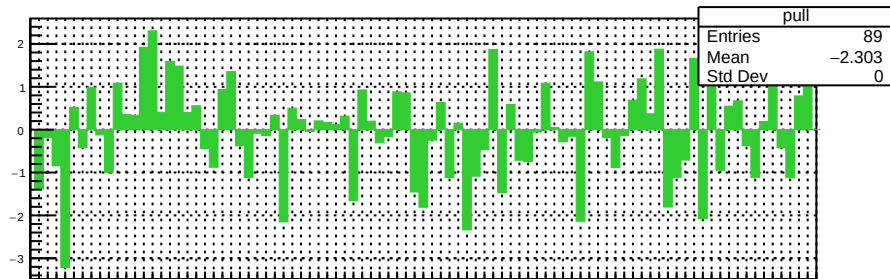
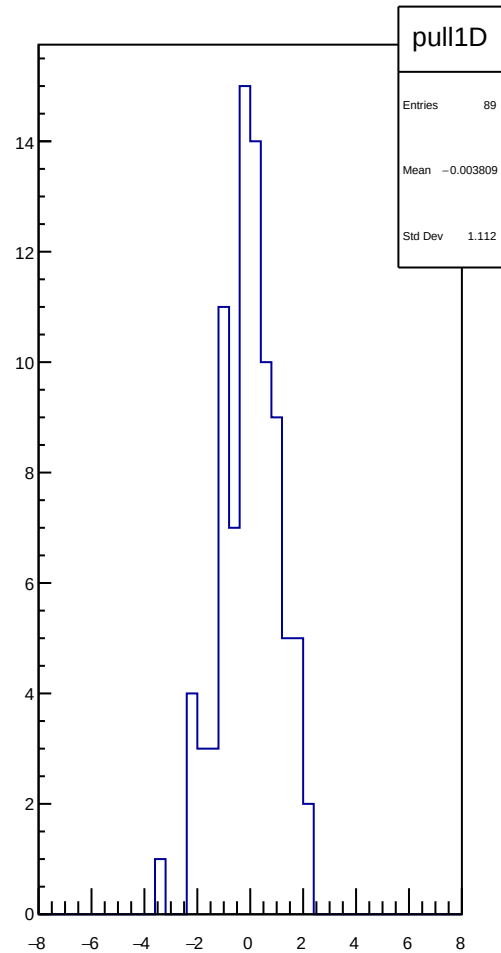
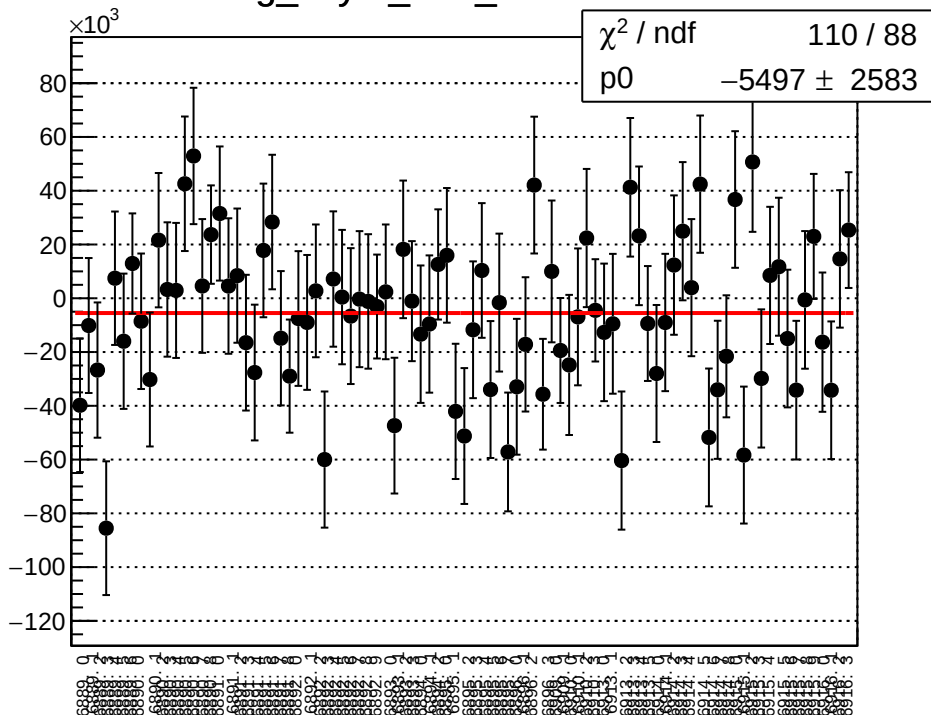
asym_atr1_eigen_cor_vs_cor_diff_mean vs run



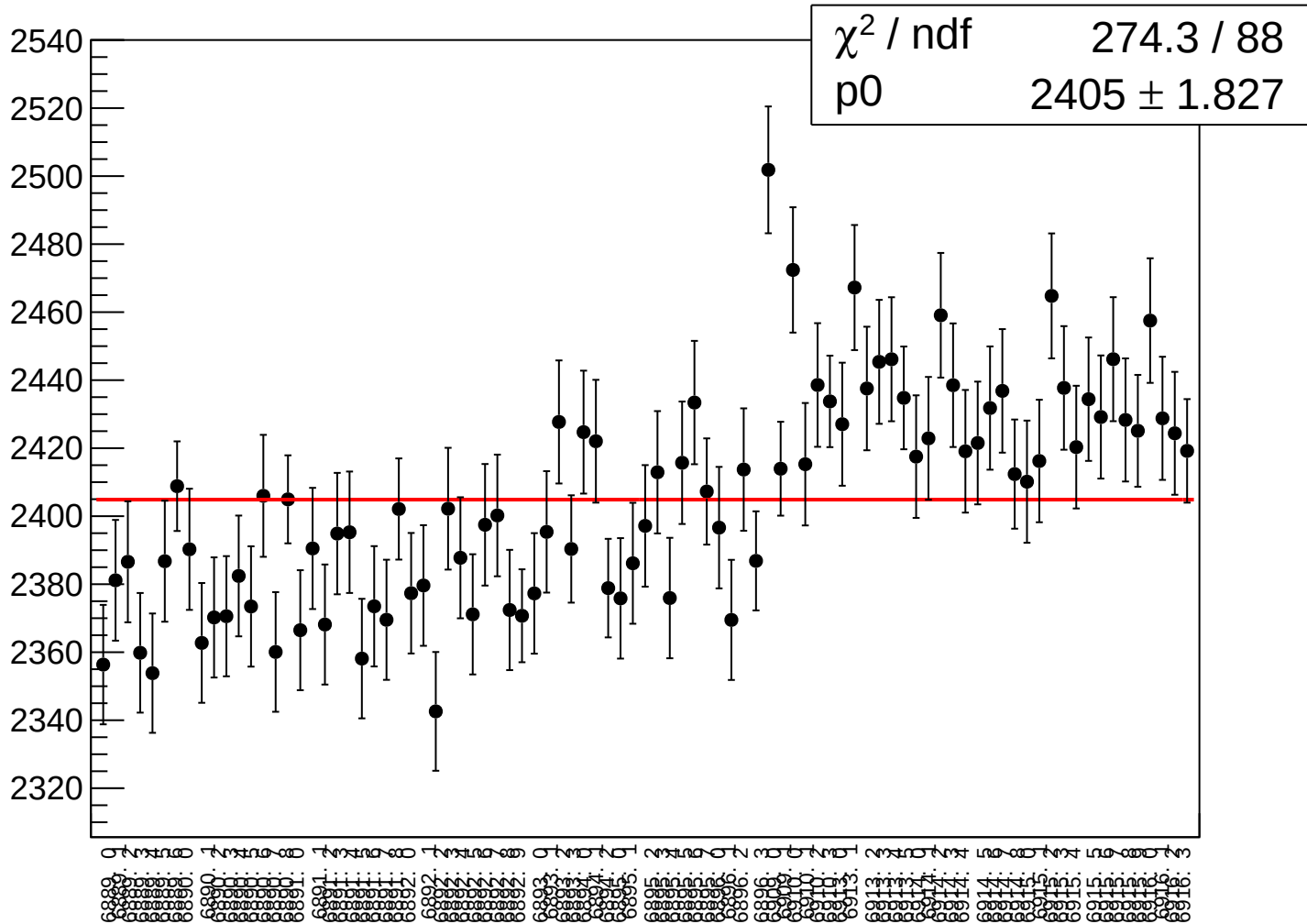
asym_atr1_eigen_cor_vs_cor_diff_rms vs run



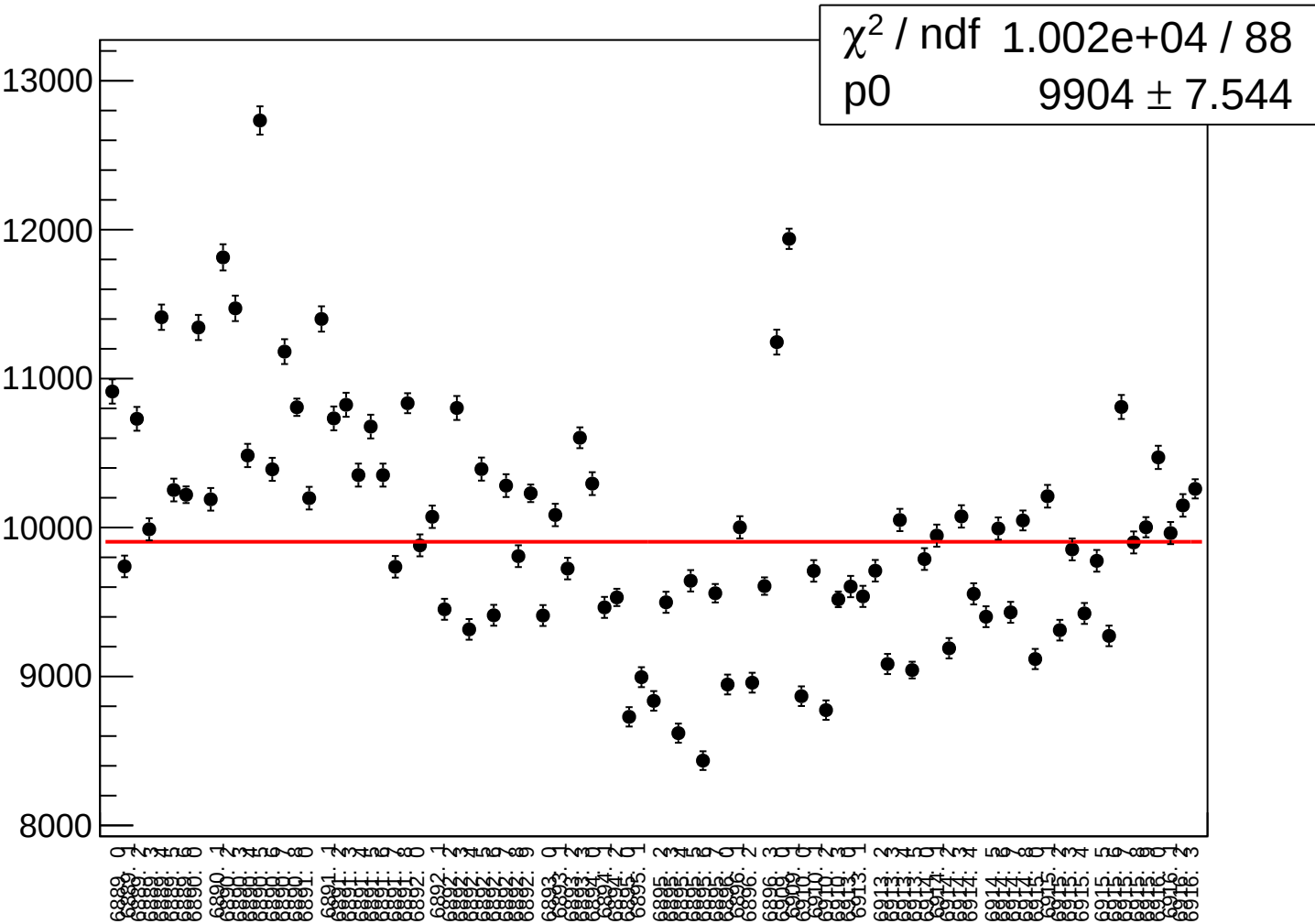
reg_asym_atr2_mean vs run



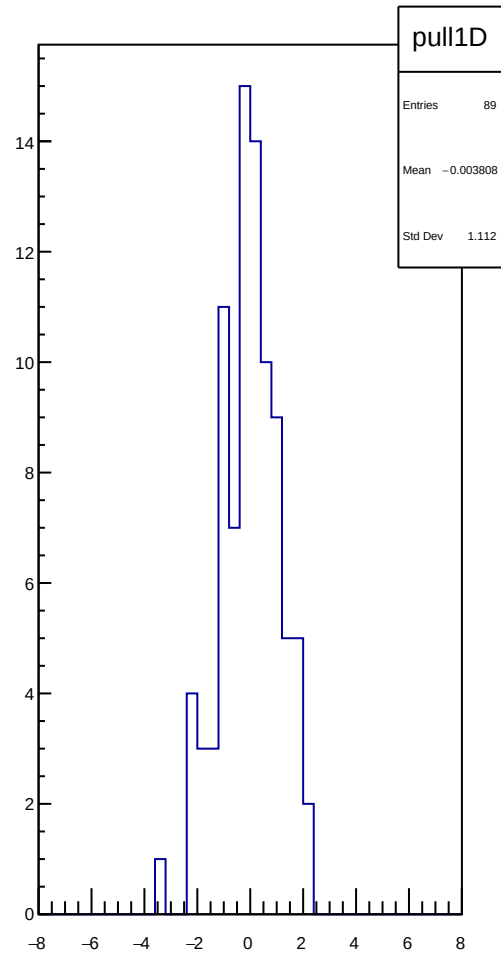
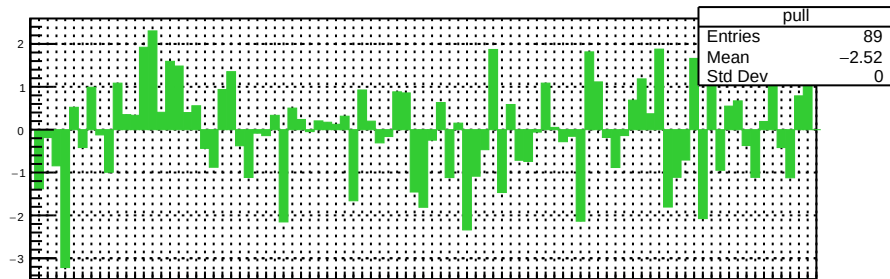
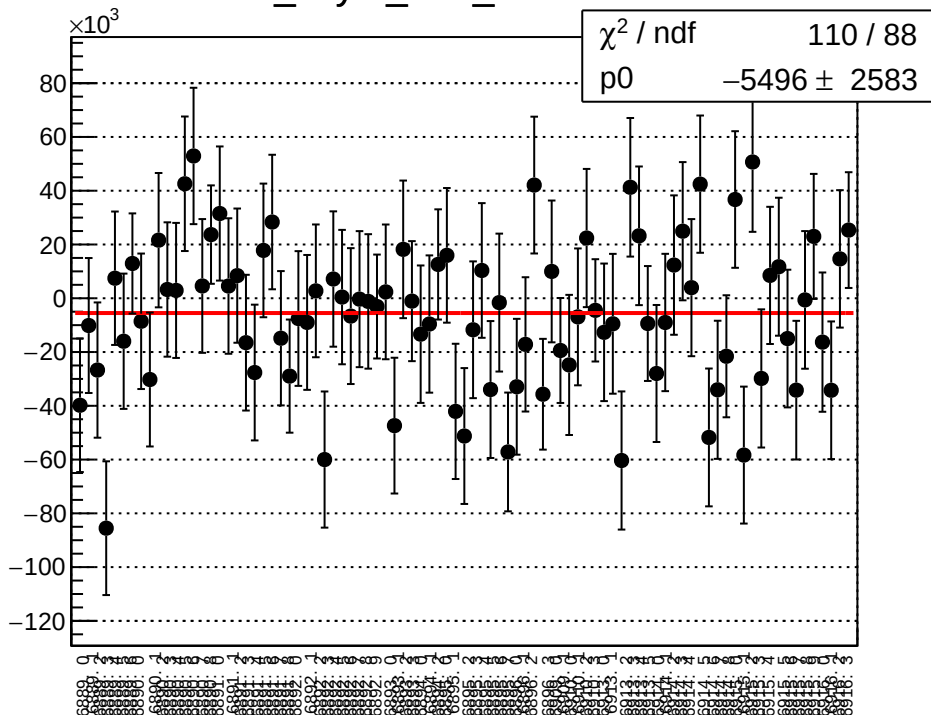
reg_asym_atr2_rms vs run



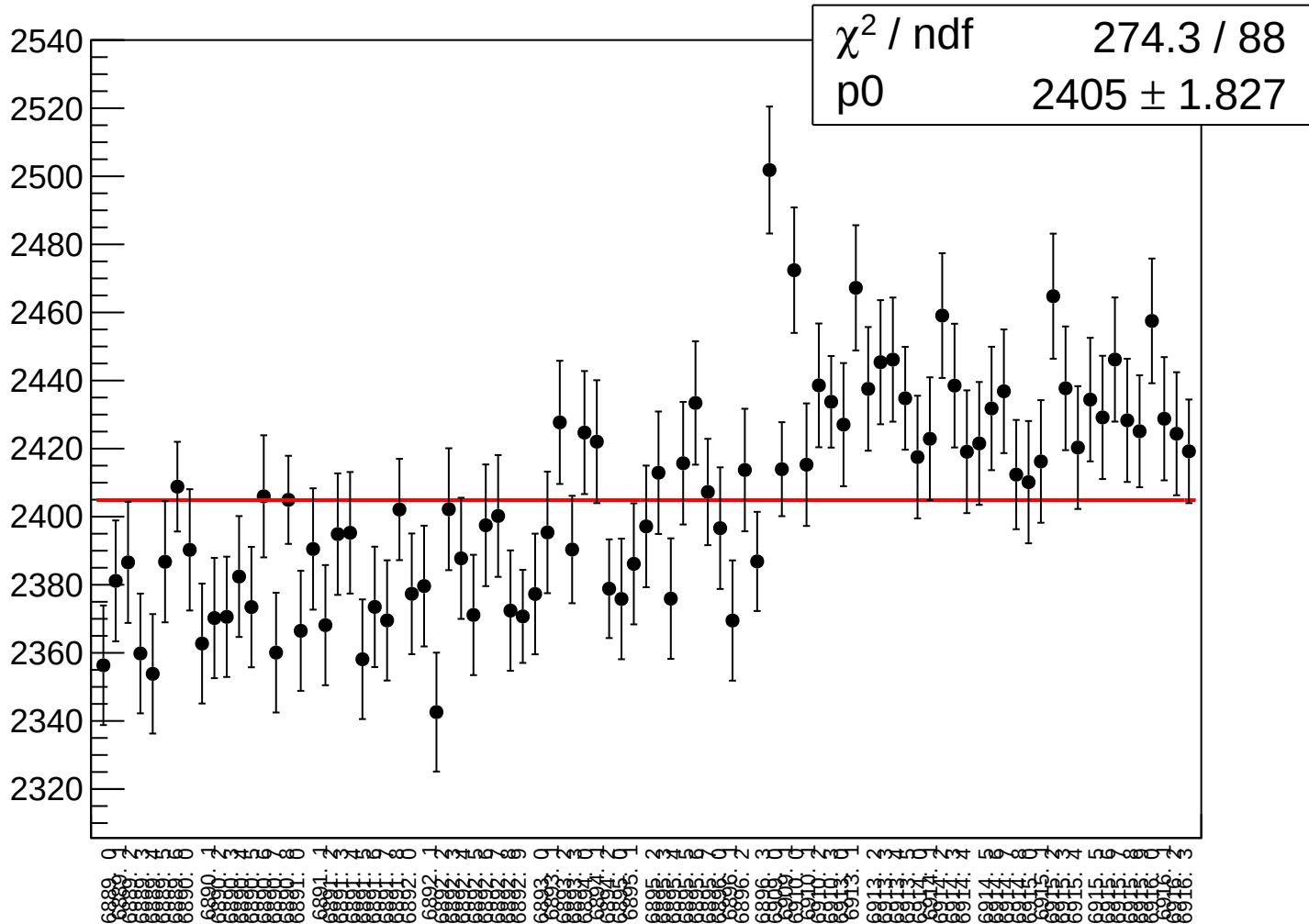
asym_atr2_reg_correction_rms vs run



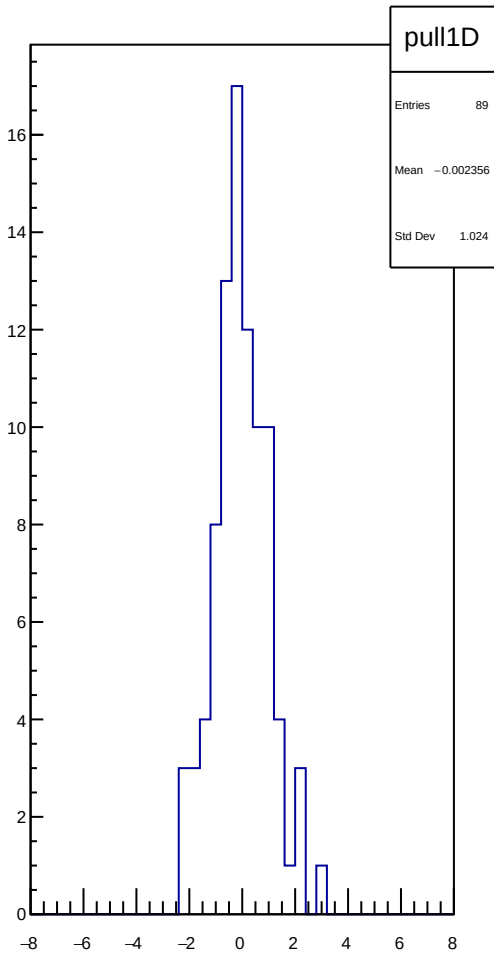
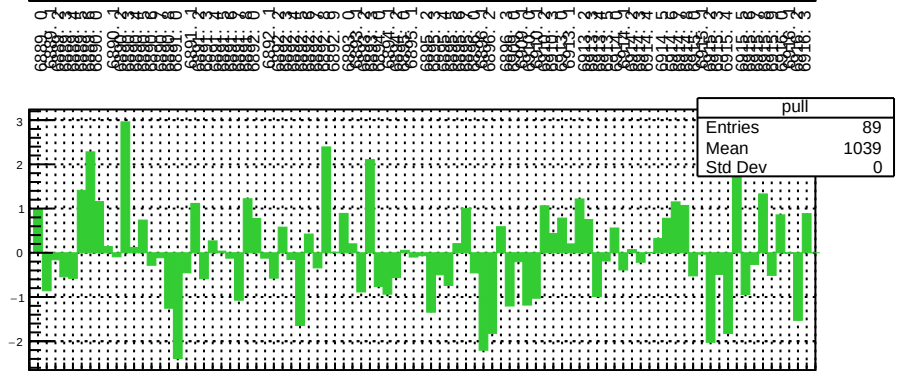
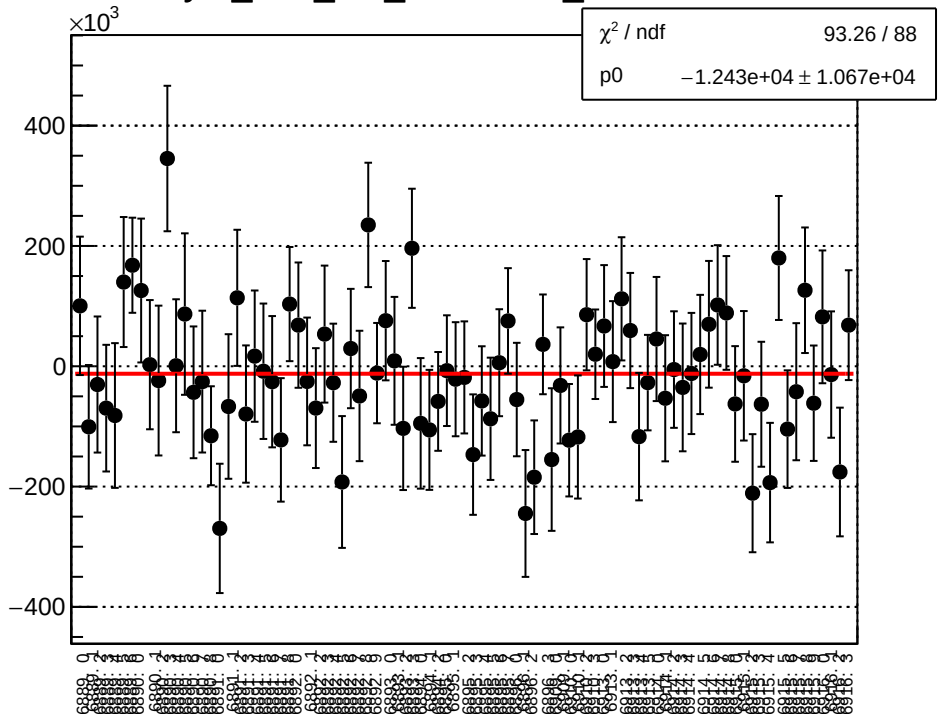
cor_asym_atr2_mean vs run



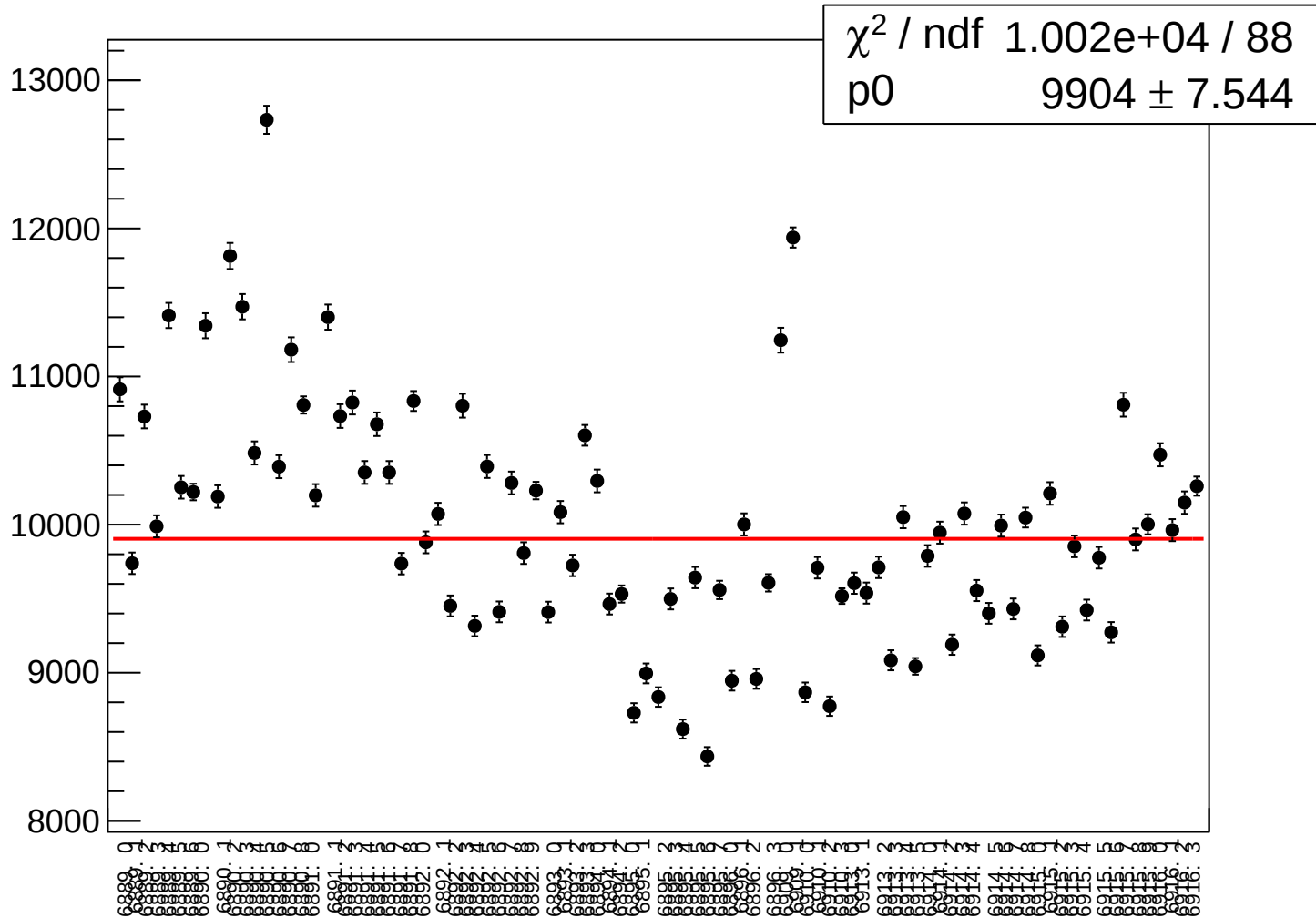
cor_asym_atr2_rms vs run



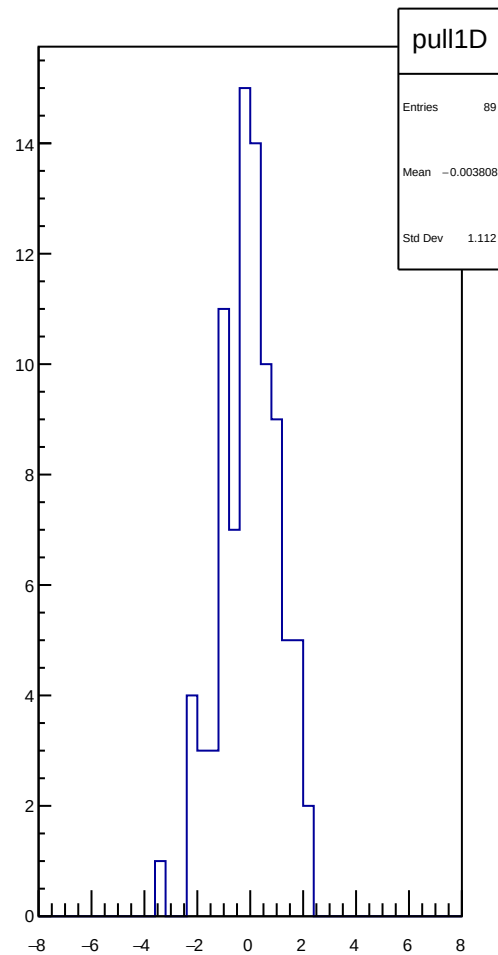
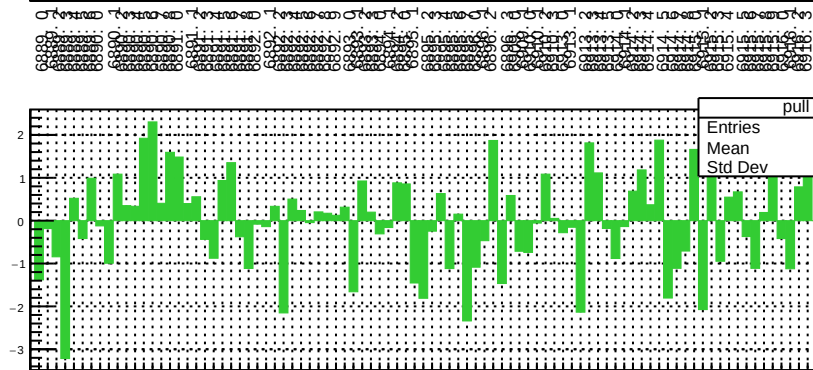
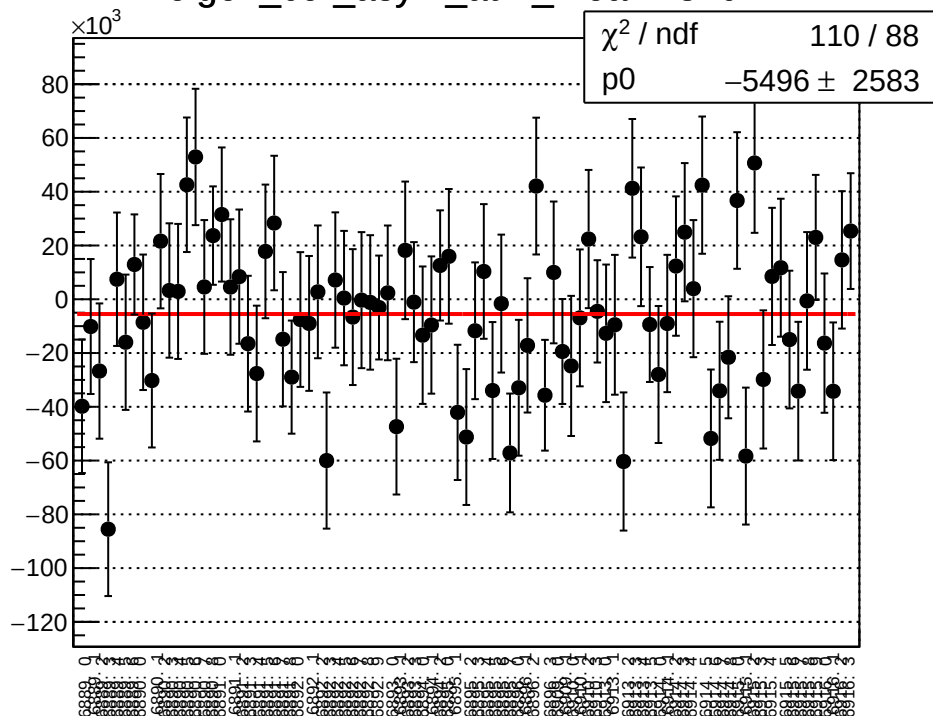
asym_atr2_cor_correction_mean vs run



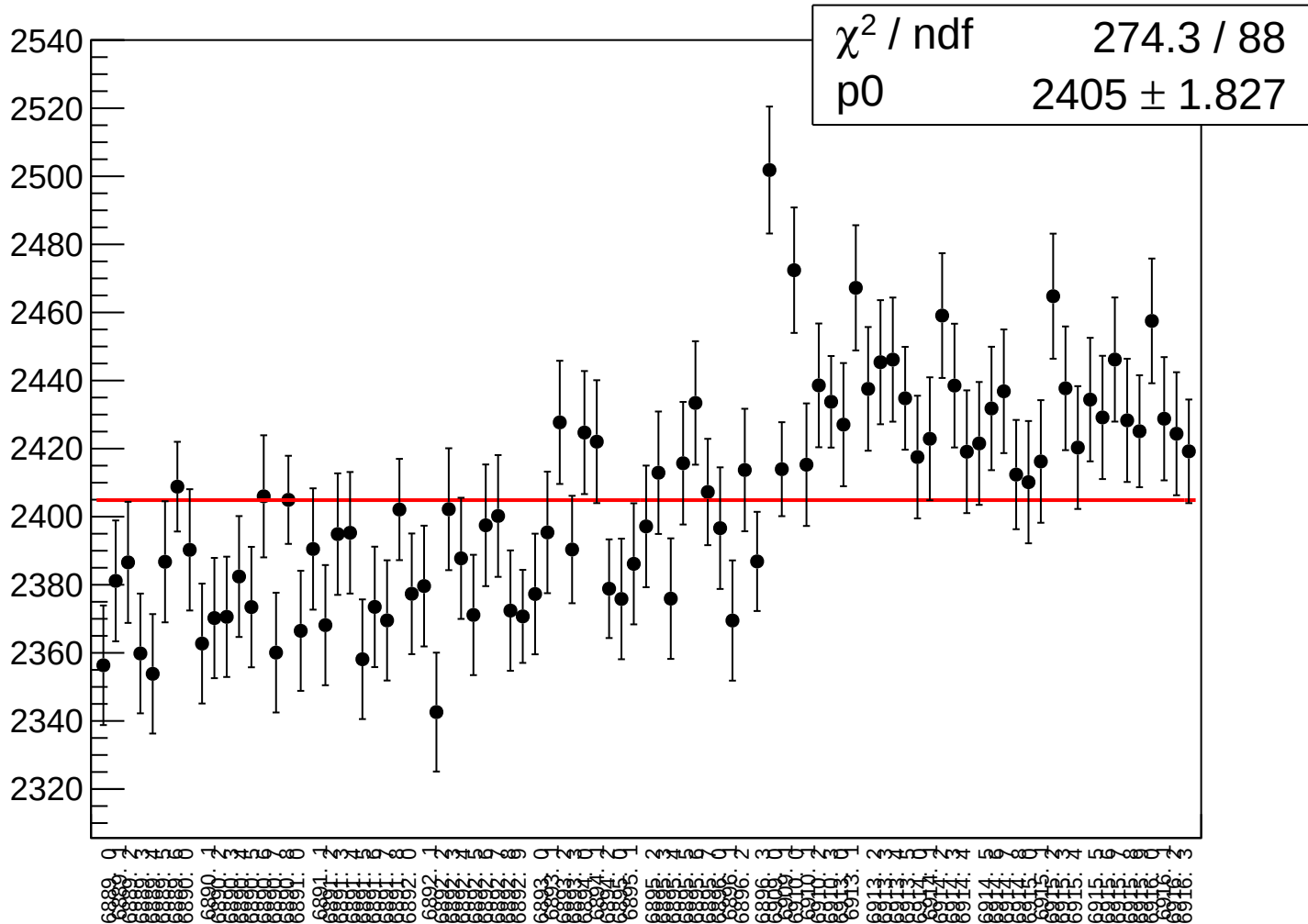
asym_atr2_cor_correction_rms vs run



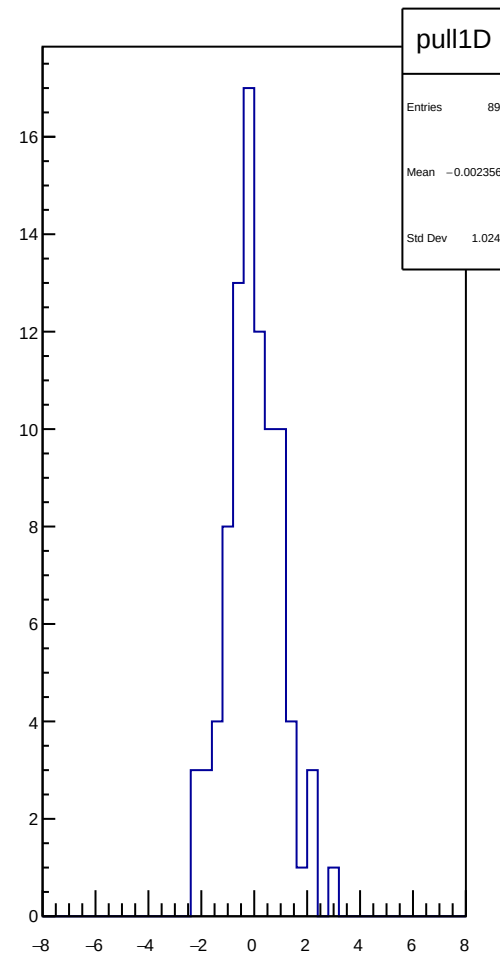
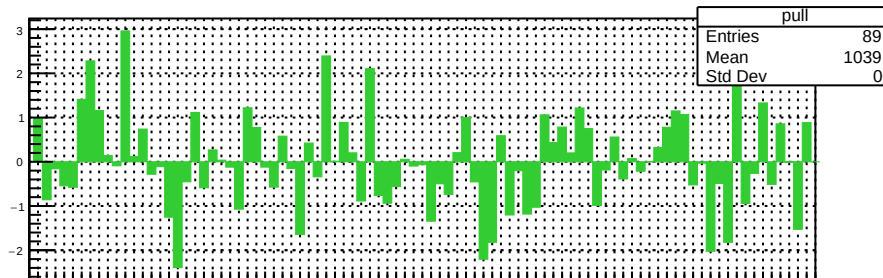
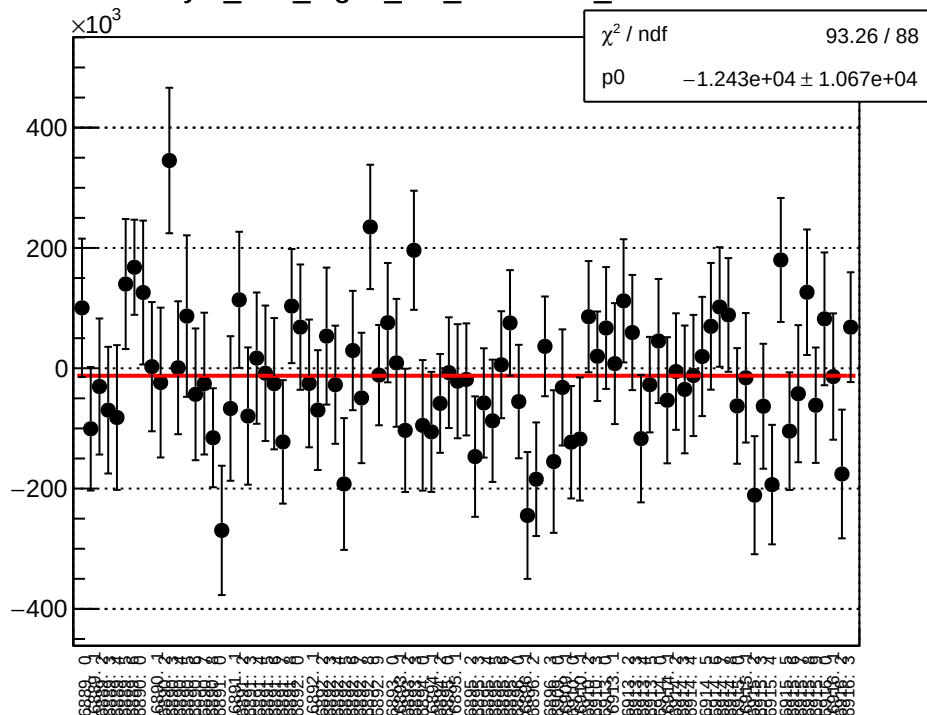
eigen_cor_asym_atr2_mean vs run



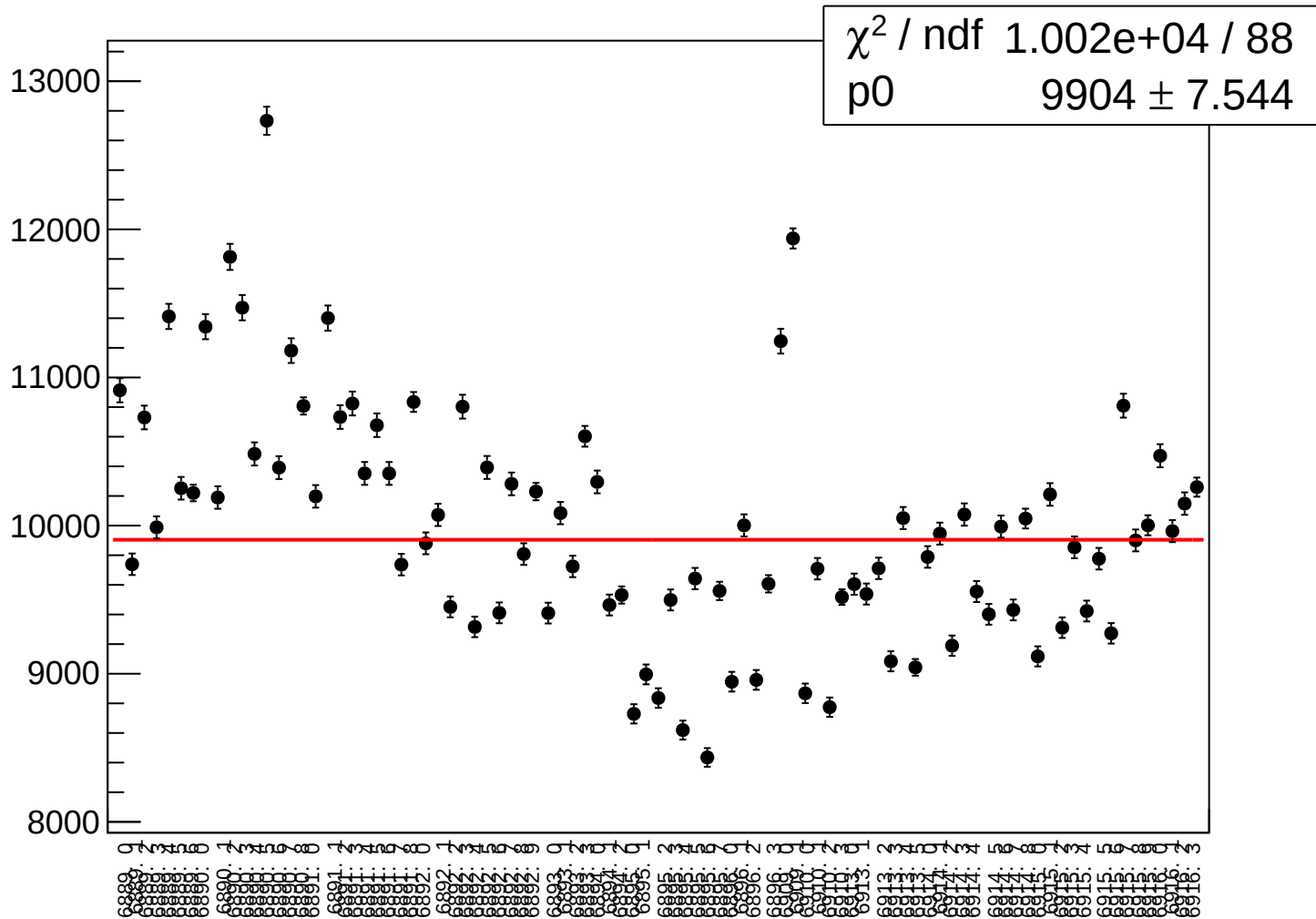
eigen_cor_asym_atr2_rms vs run



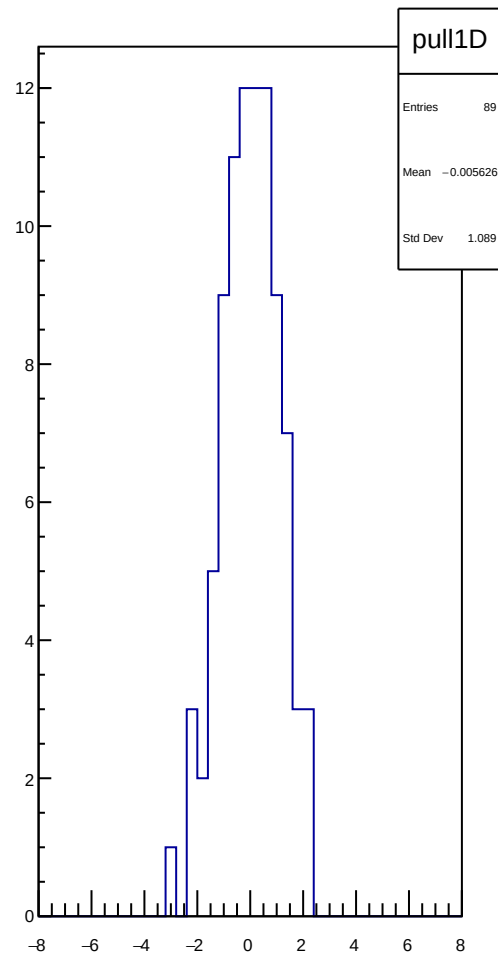
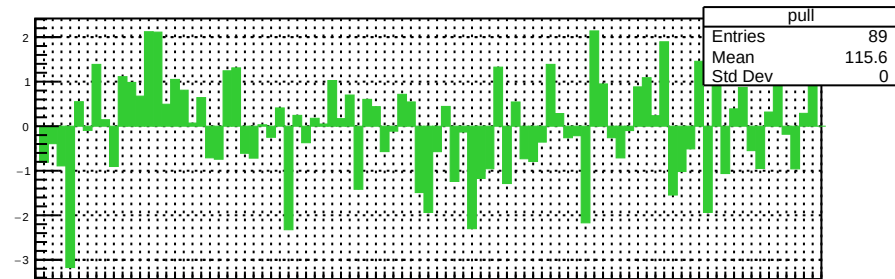
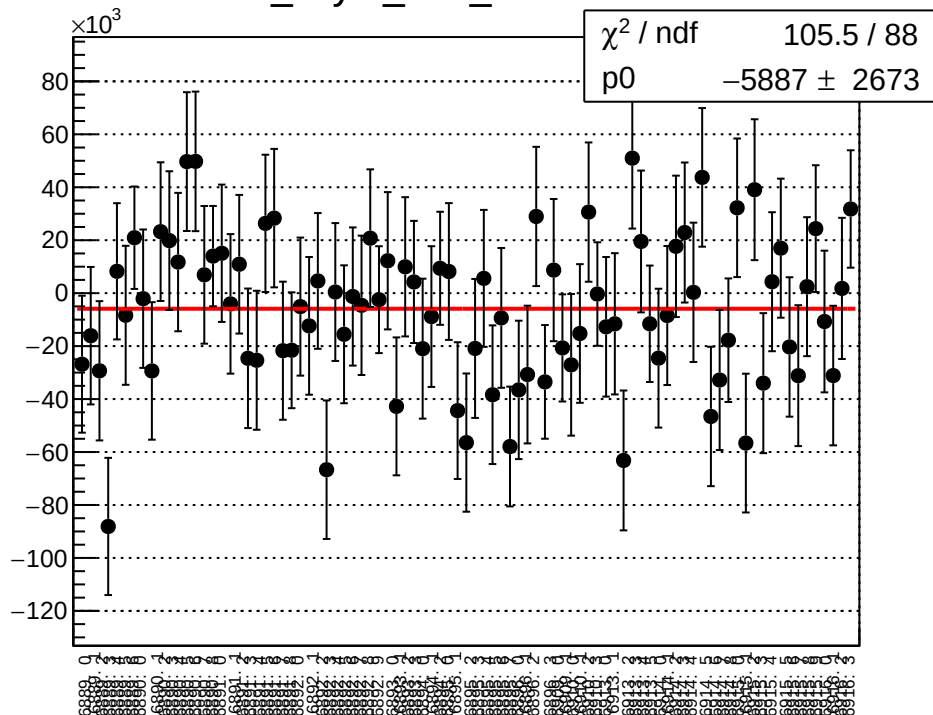
asym_atr2_eigen_cor_correction_mean vs run



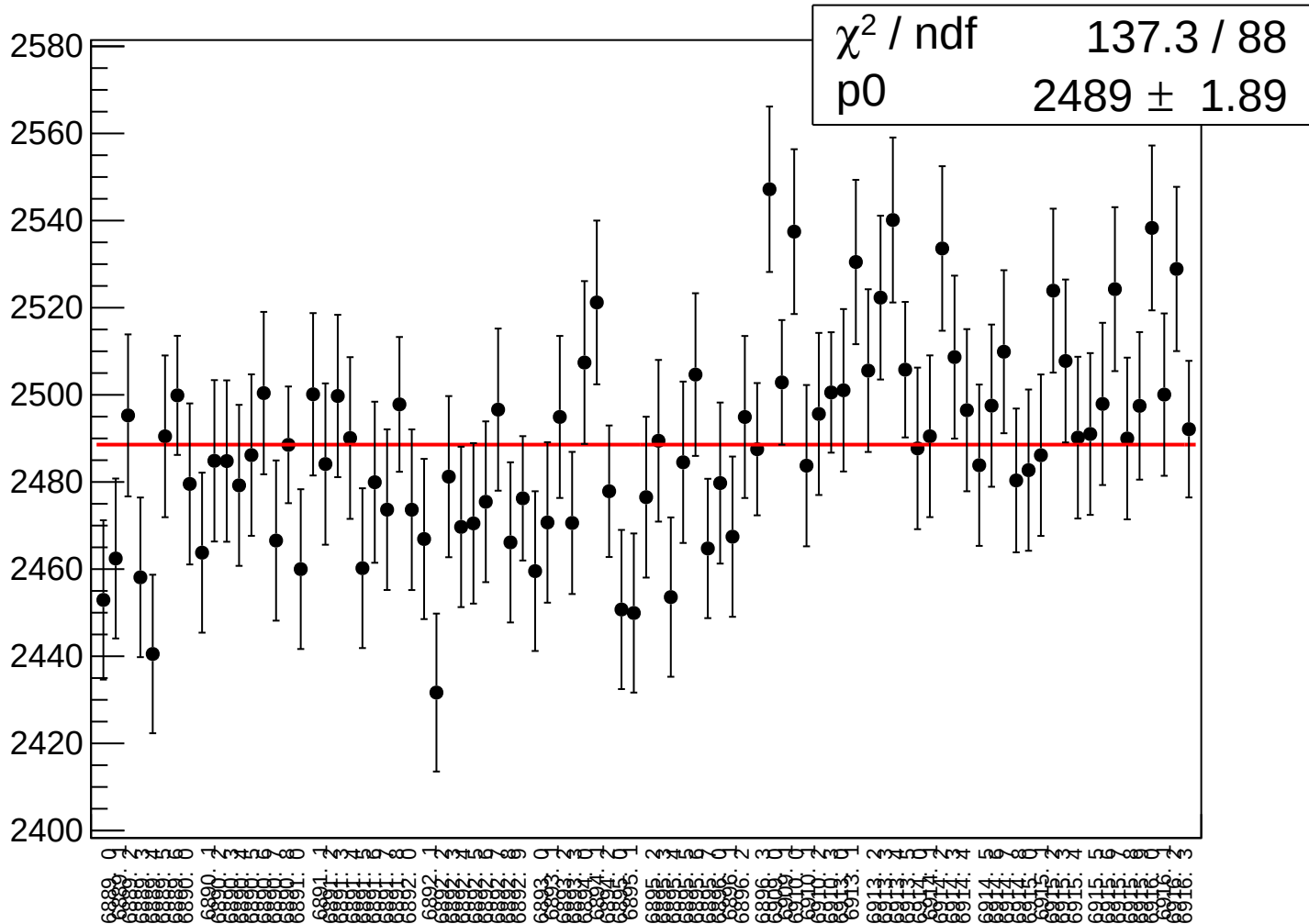
asym_atr2_eigen_cor_correction_rms vs run



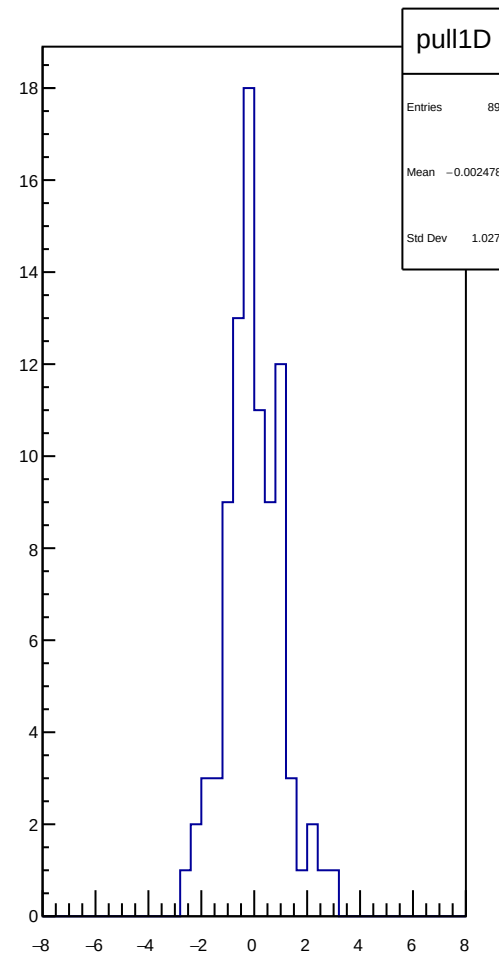
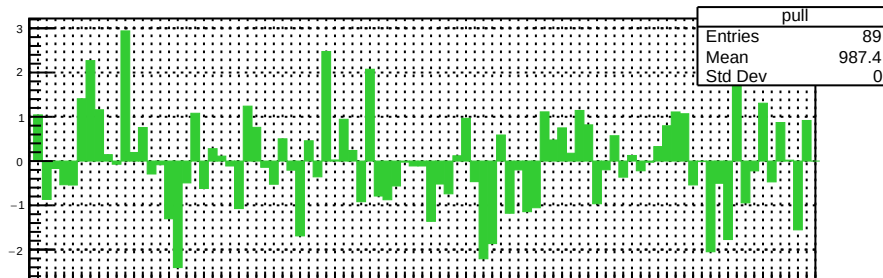
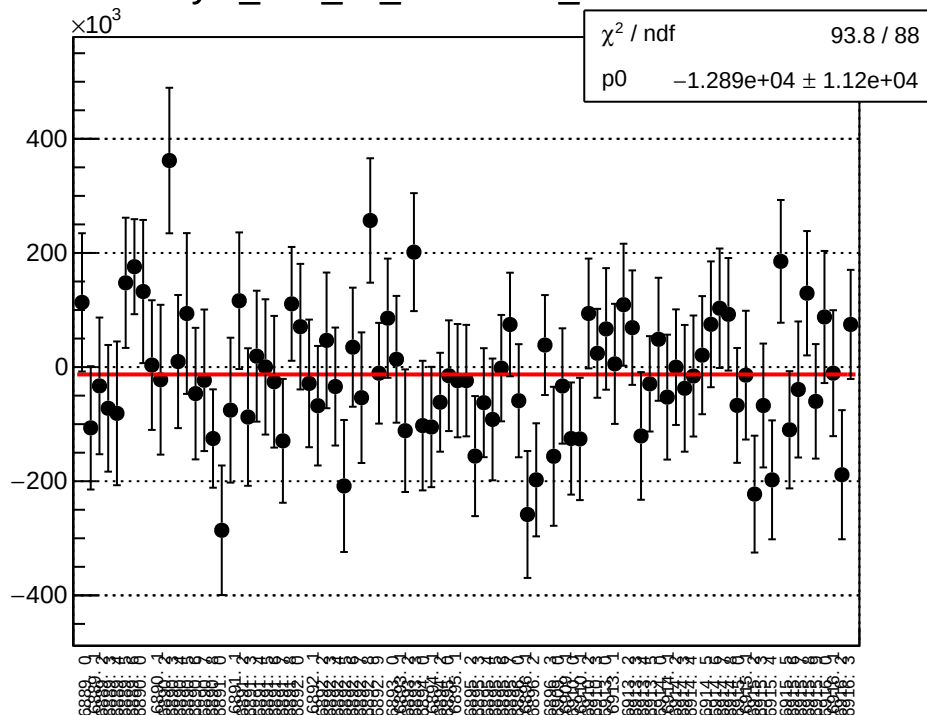
dit_asym_atr2_mean vs run



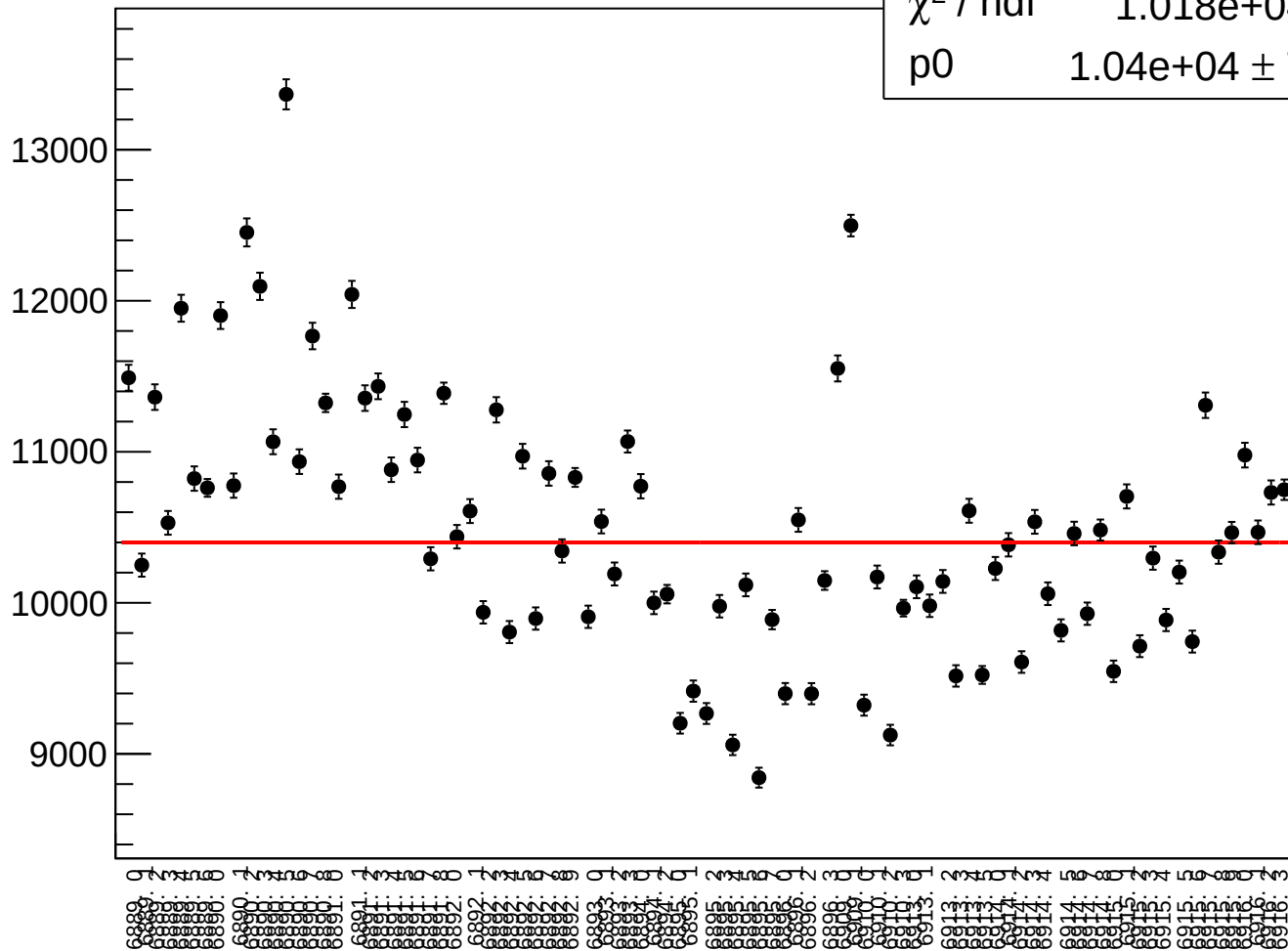
dit_asym_atr2_rms vs run



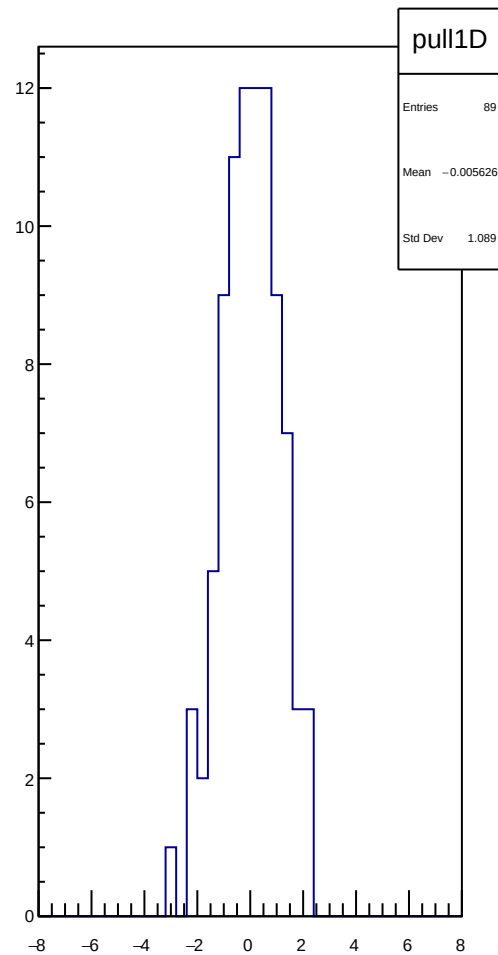
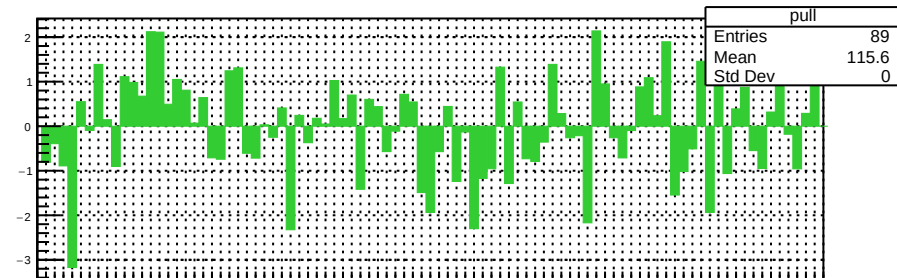
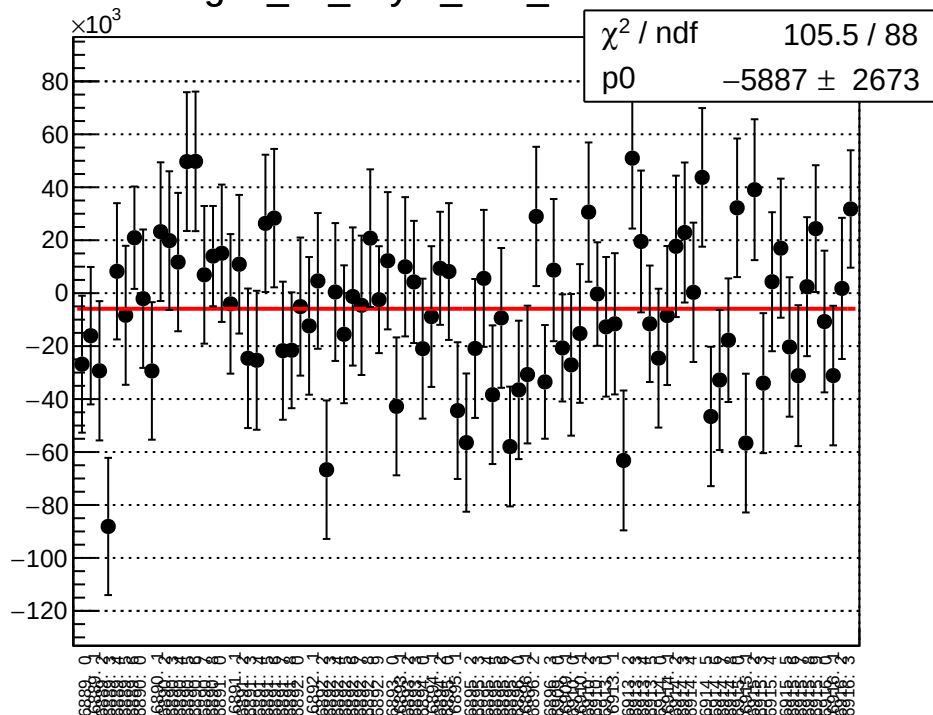
asym_atr2_dit_correction_mean vs run



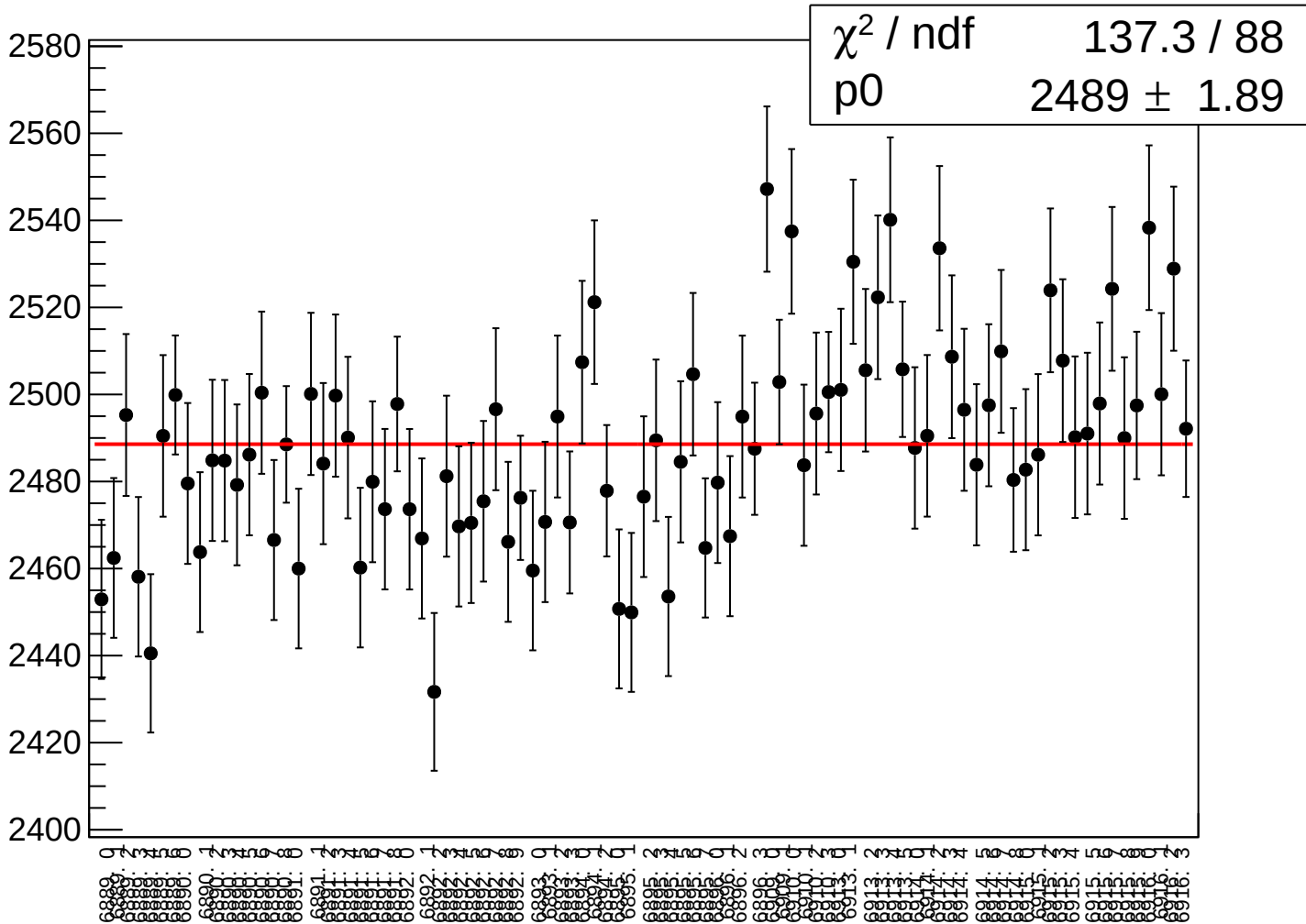
χ^2 / ndf	1.018e+04 / 88
p0	1.04e+04 $\pm$ 7.922



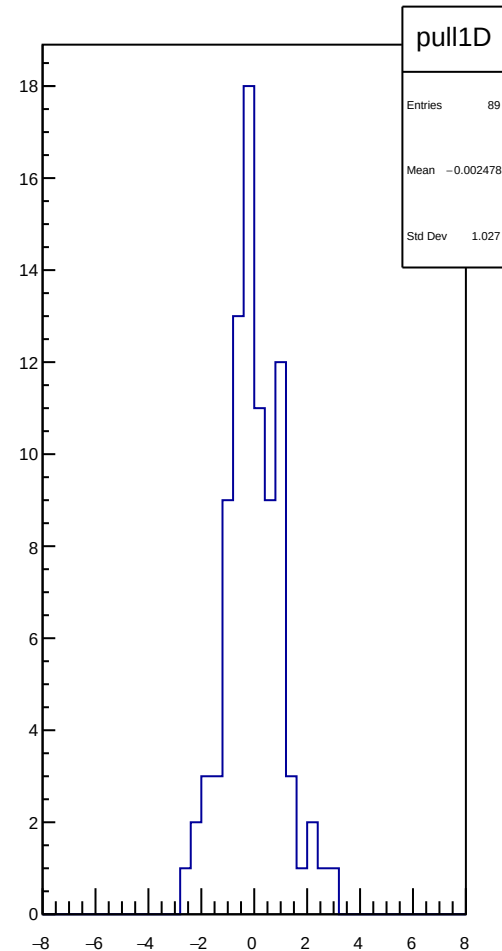
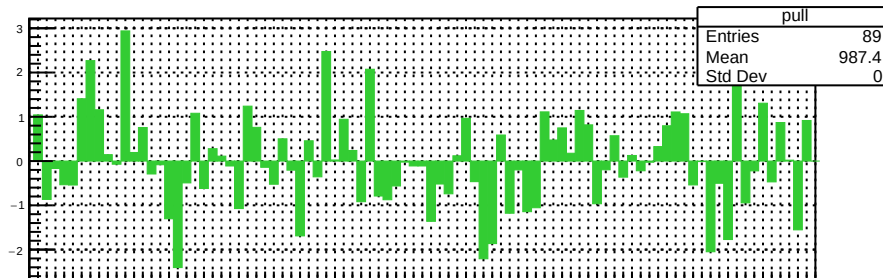
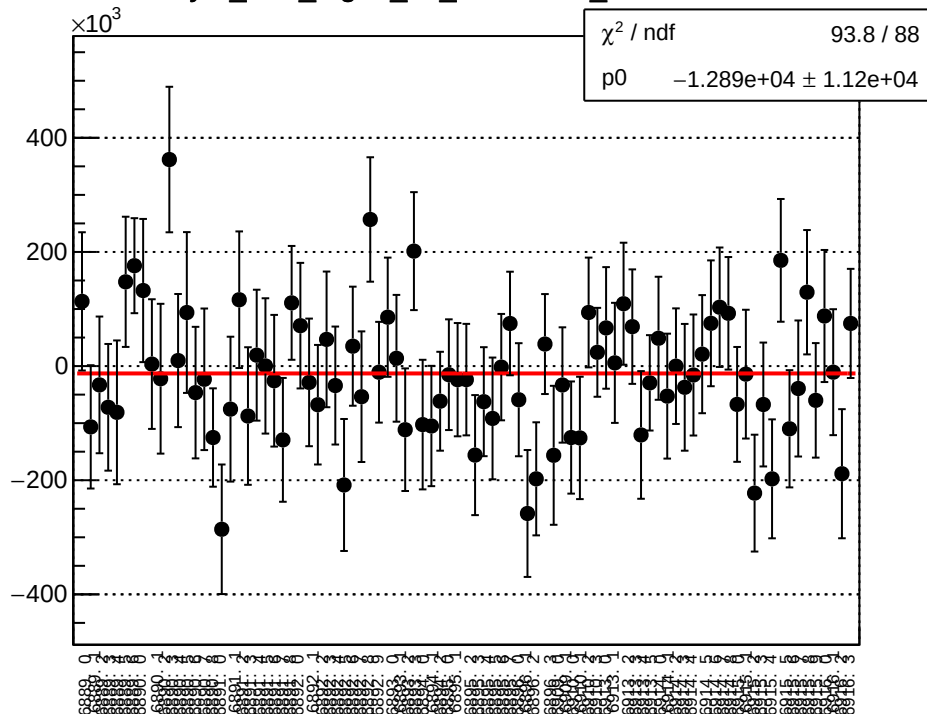
eigen_dit_asym_atr2_mean vs run



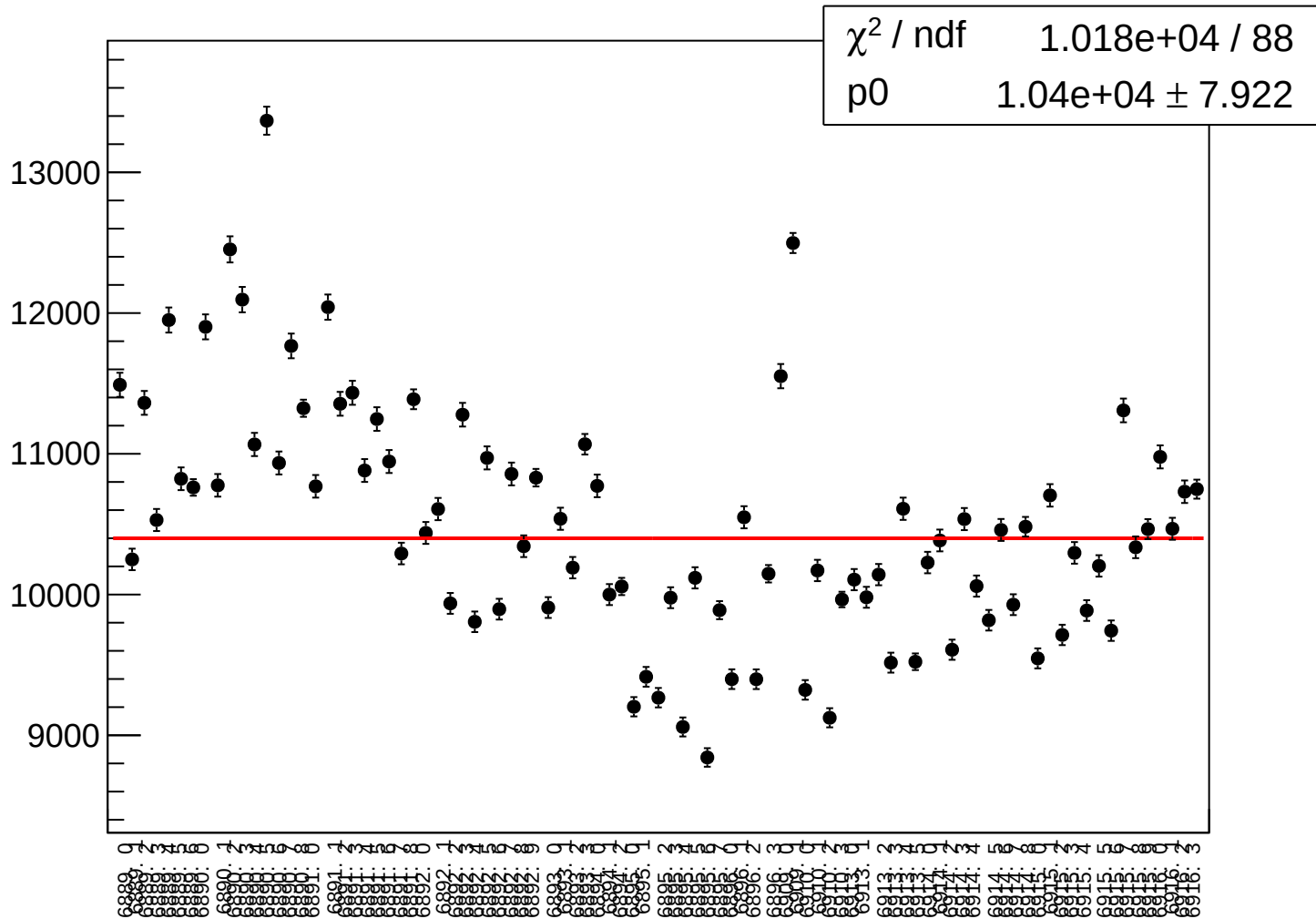
eigen_dit_asym_atr2_rms vs run



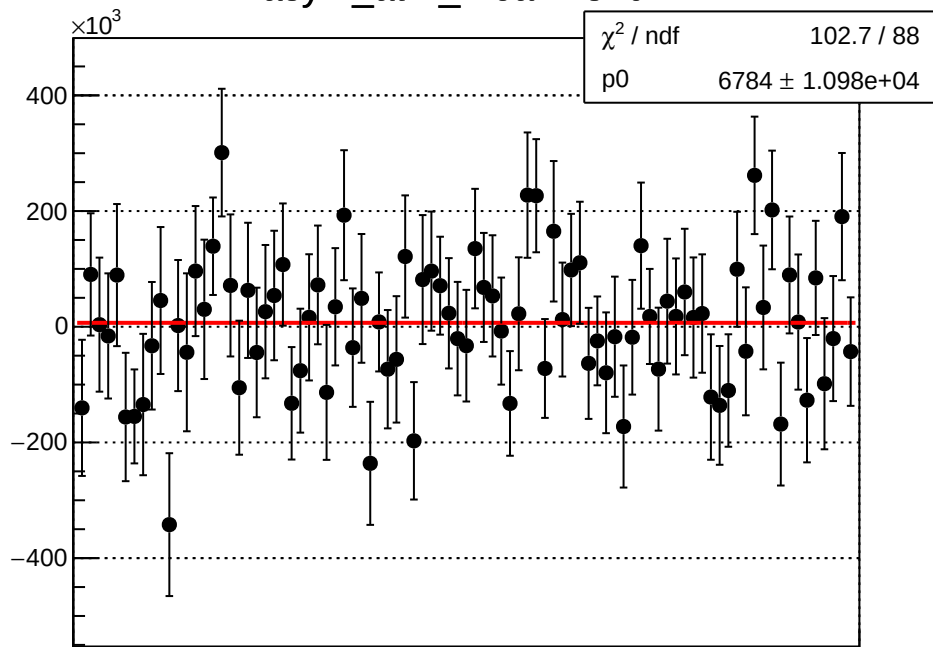
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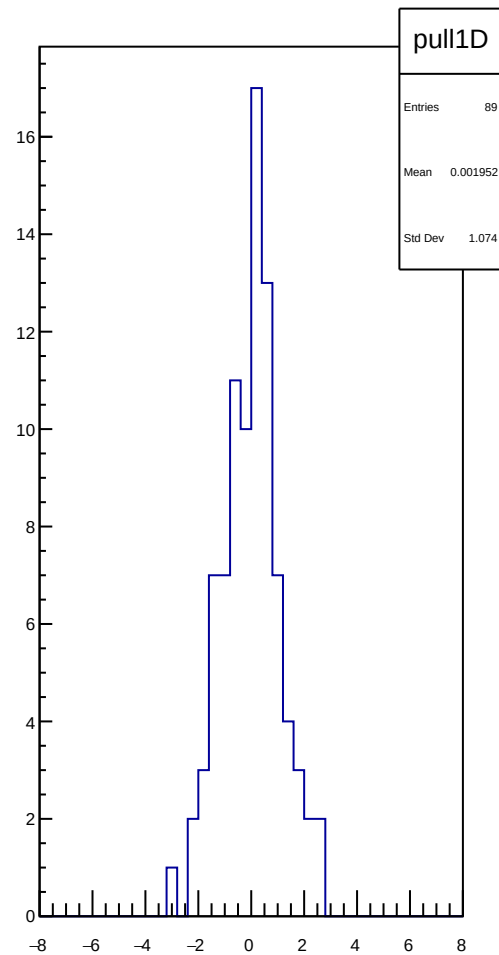
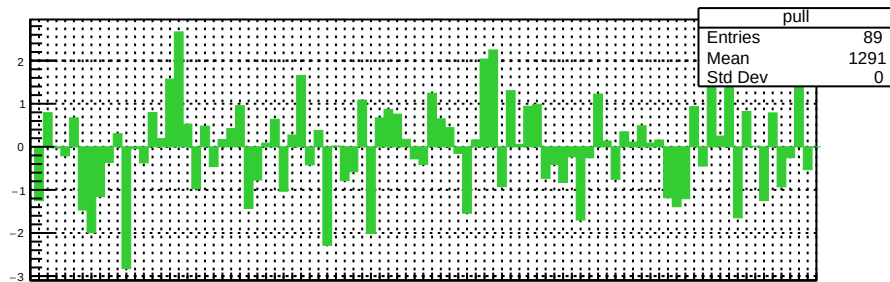
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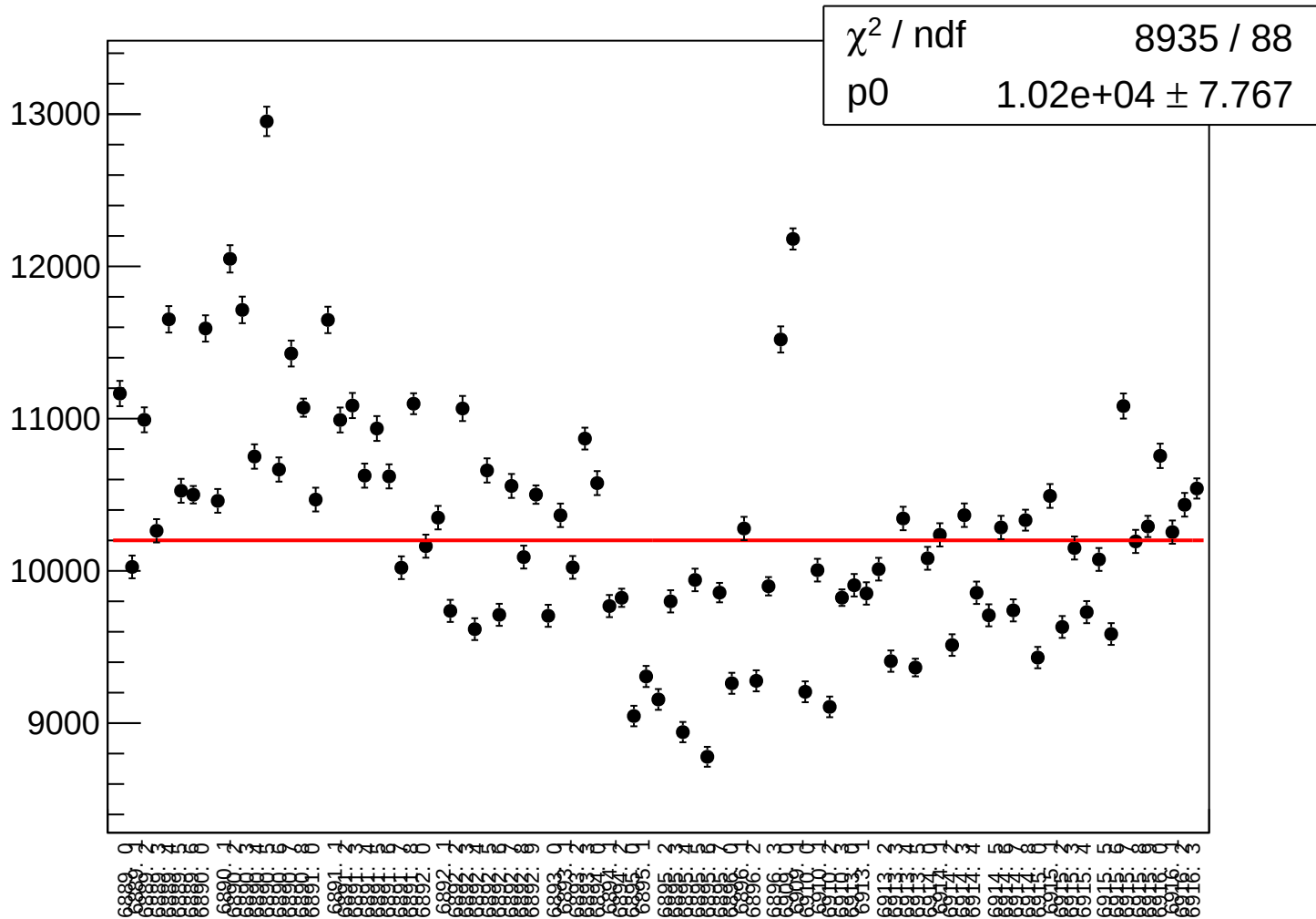
asym_atr2_mean vs run



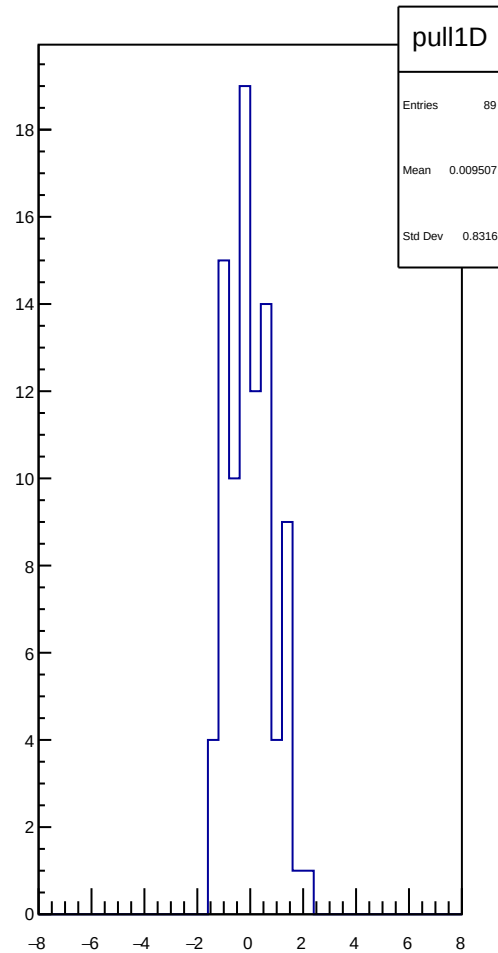
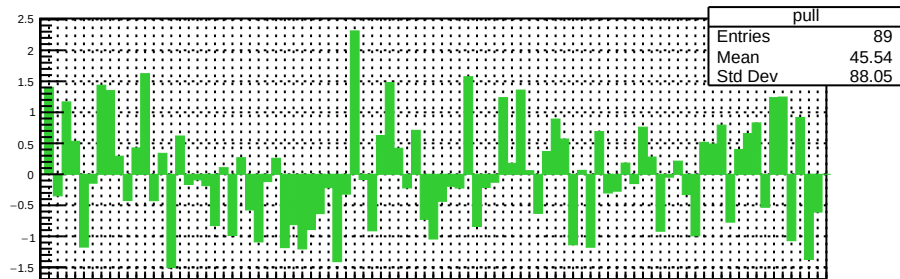
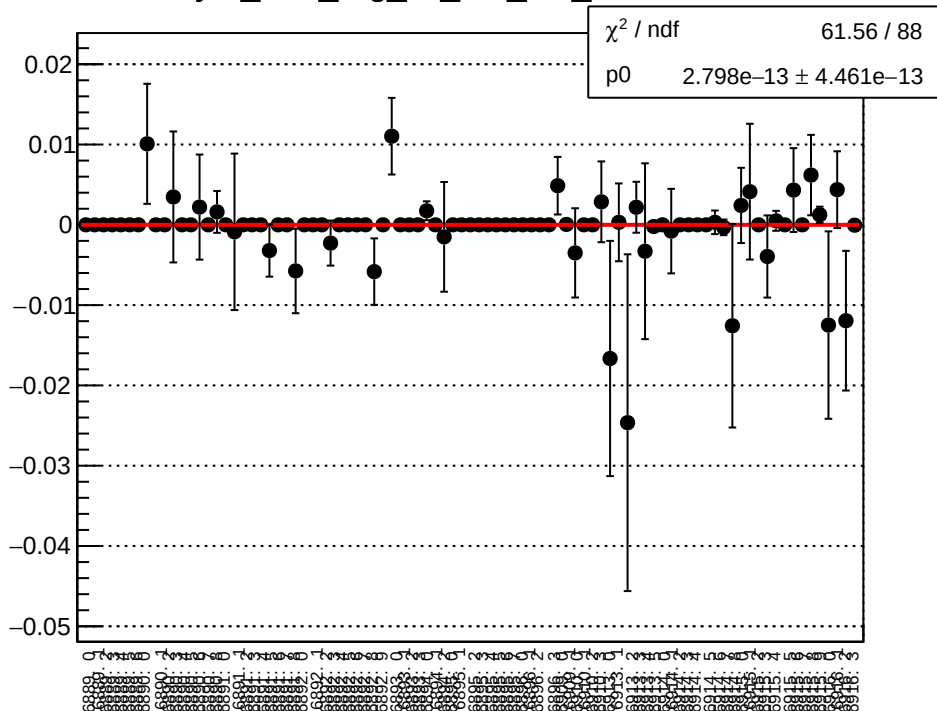
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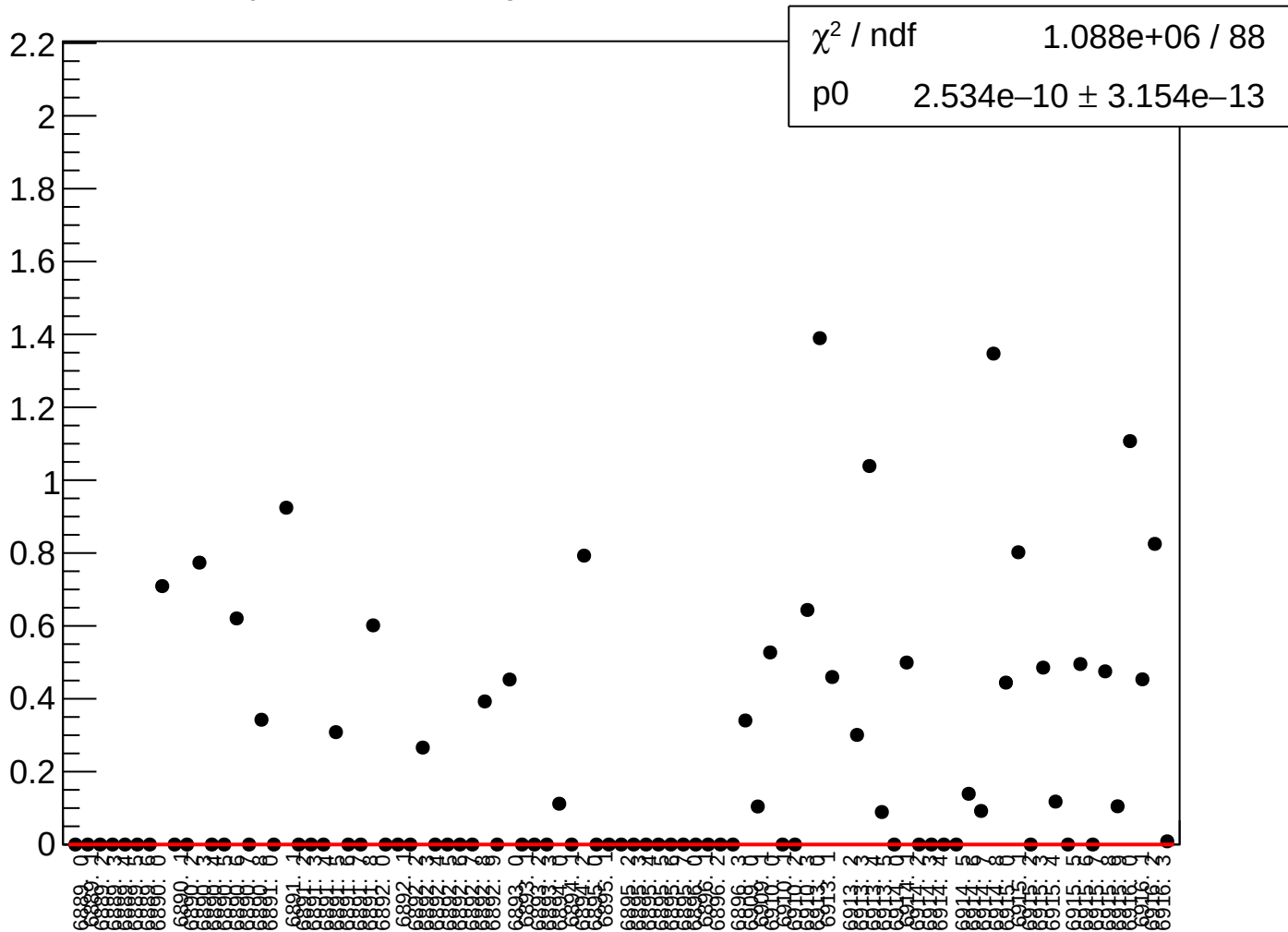
asym_atr2_rms vs run



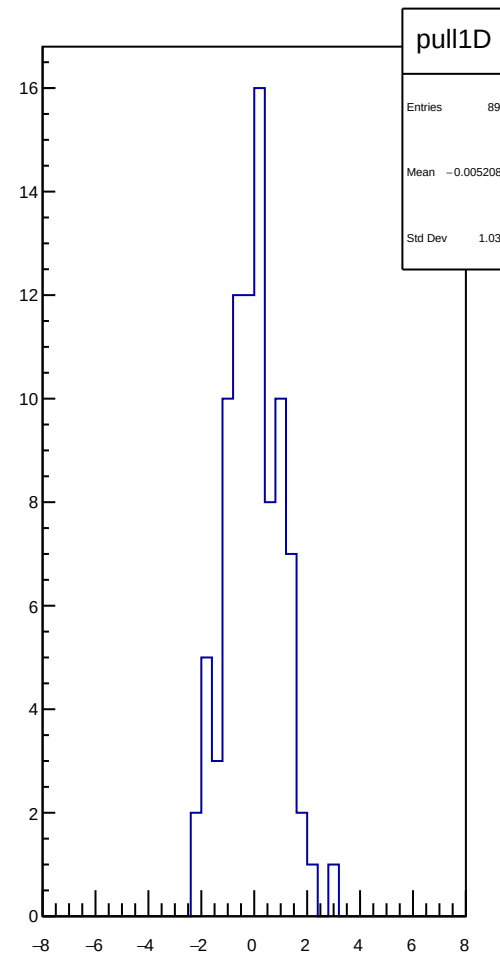
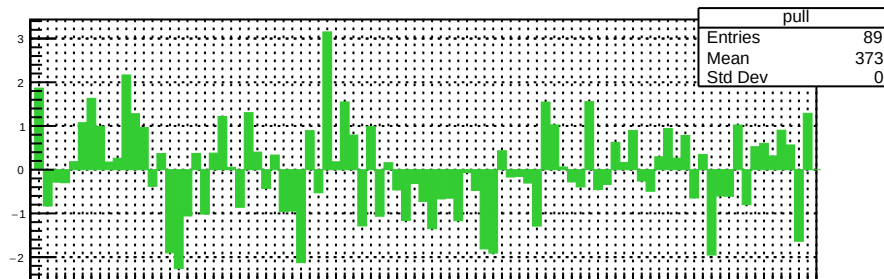
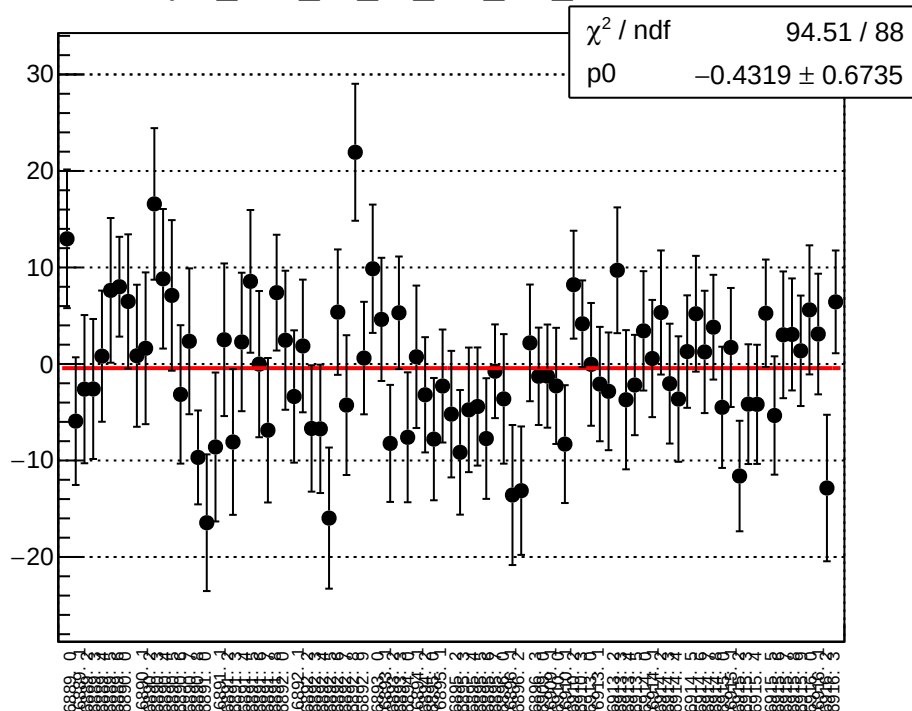
asym_atr2_reg_vs_cor_diff_mean vs run



asym_atr2_reg_vs_cor_diff_rms vs run

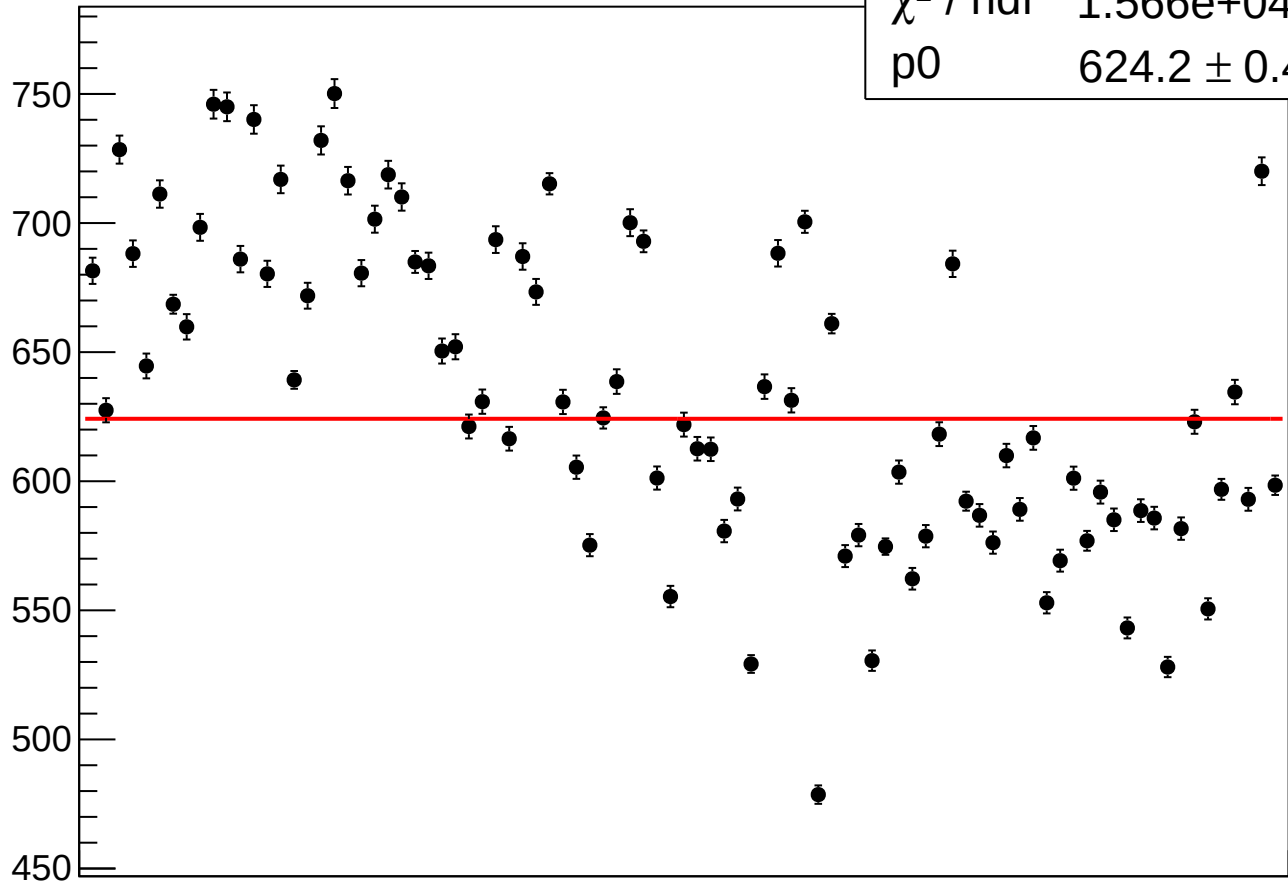


asym_atr2_dit_vs_cor_diff_mean vs run



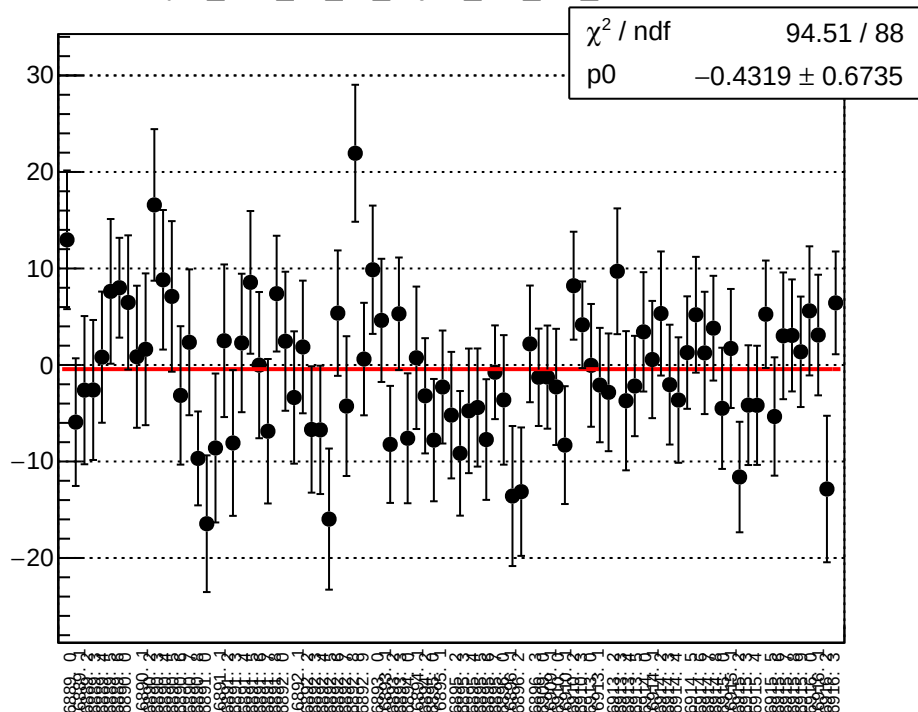
asym_atr2_dit_vs_cor_diff_rms vs run

χ^2 / ndf 1.566e+04 / 88
p0 624.2 ± 0.4762

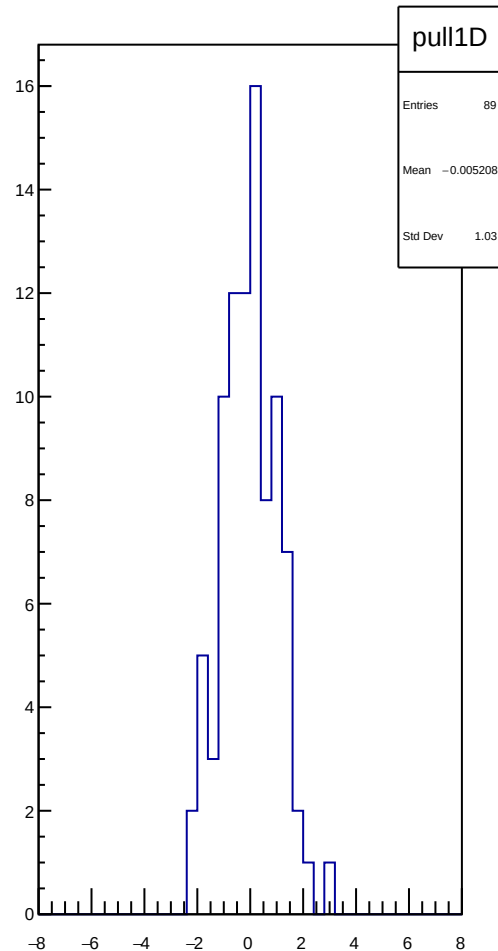
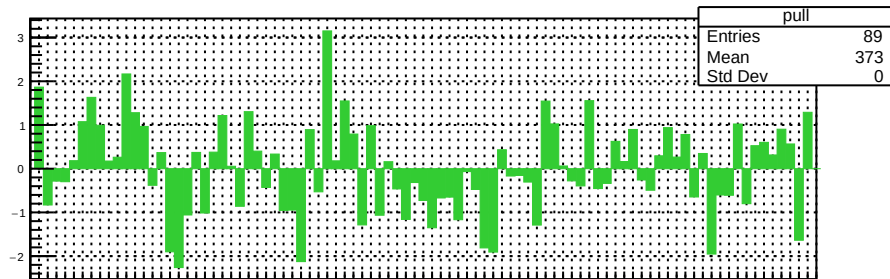


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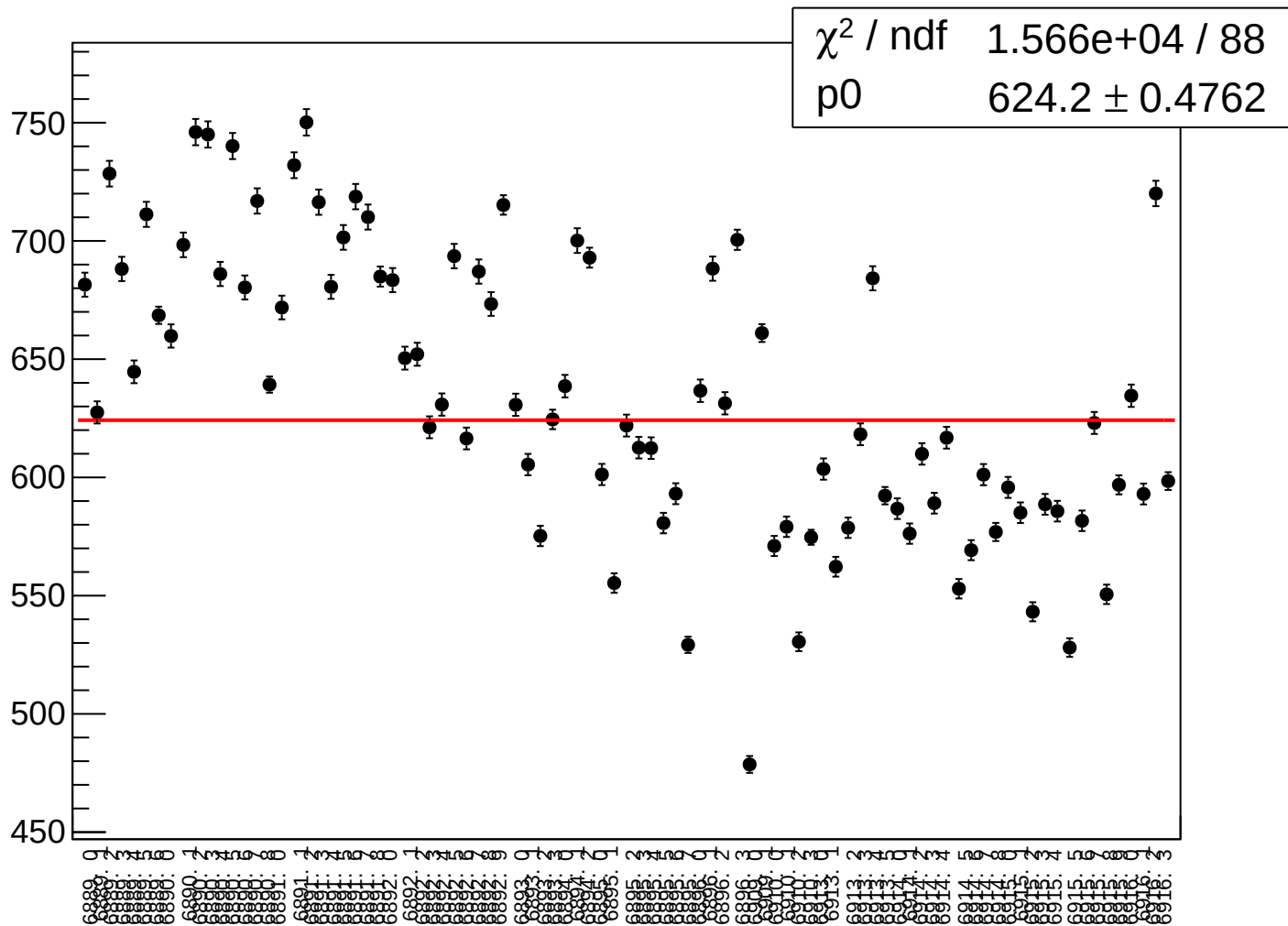
asym_atr2_dit_vs_eigen_cor_diff_mean vs run



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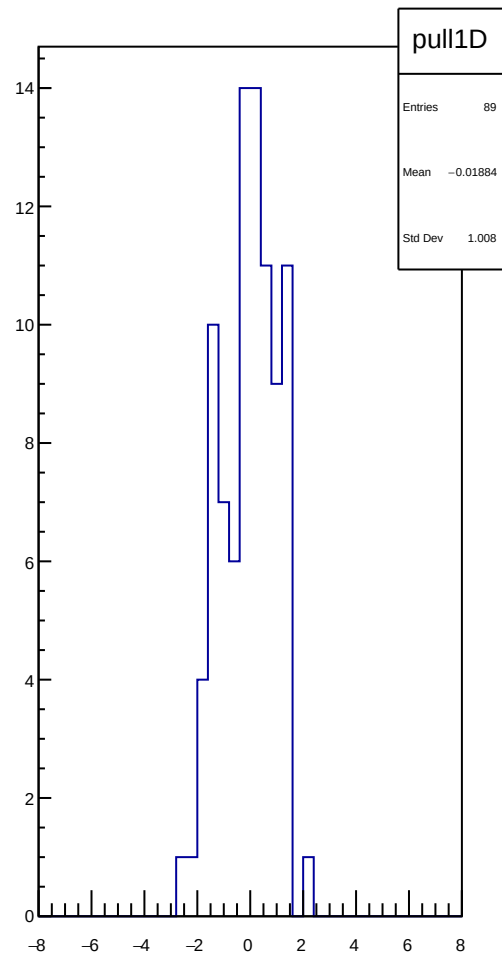
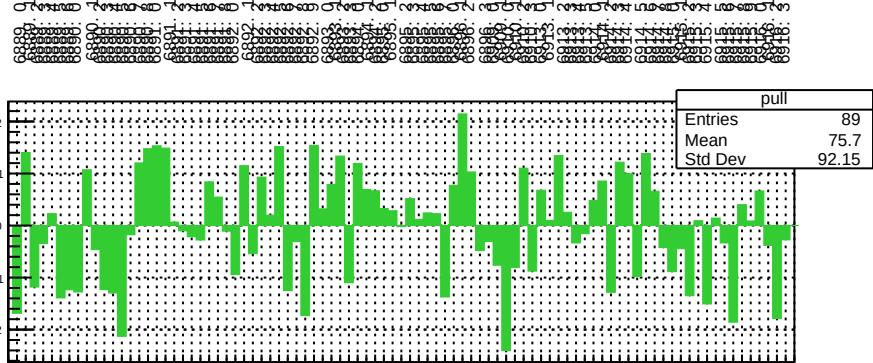


asym_atr2_dit_vs_eigen_cor_diff_rms vs run

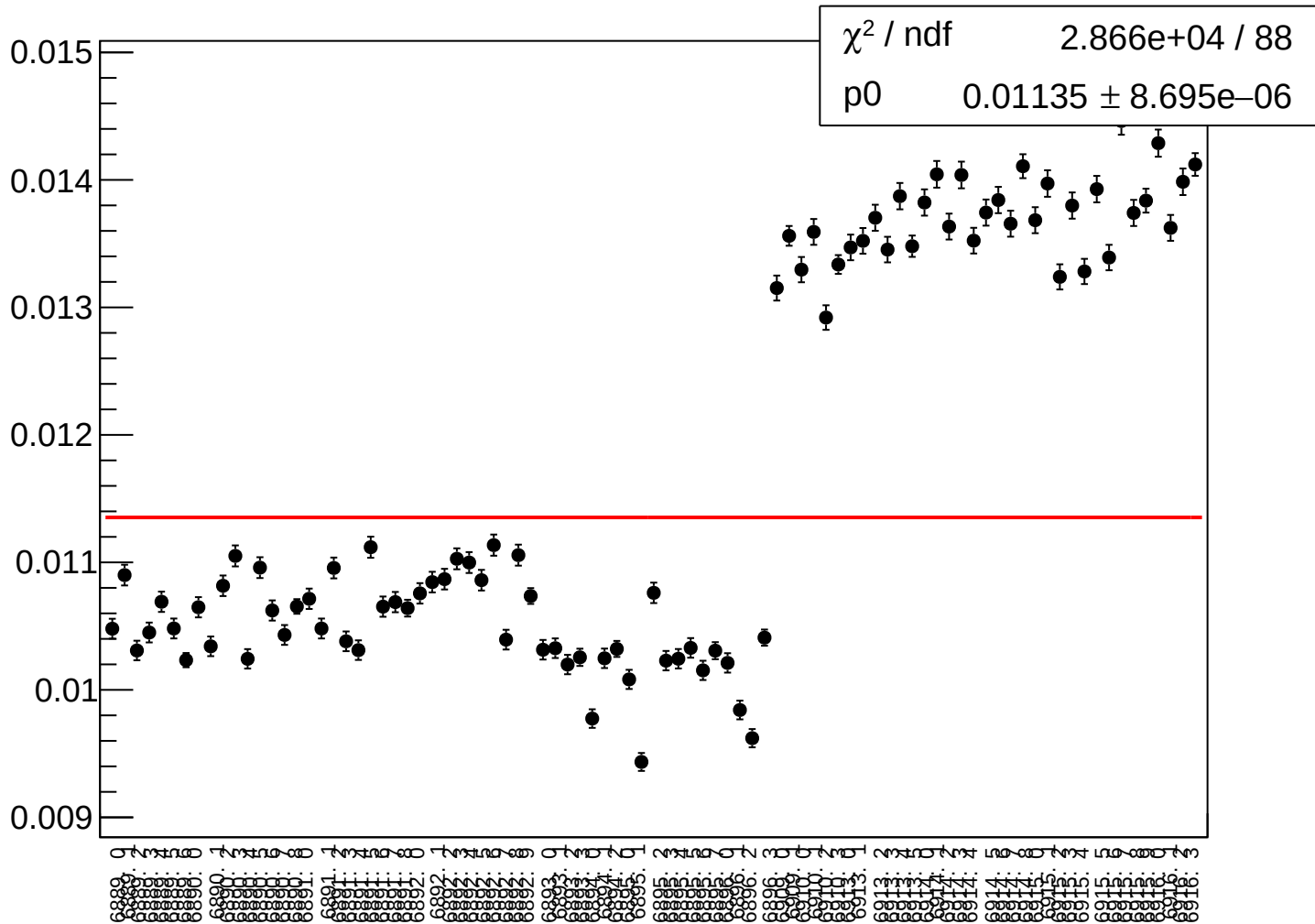


χ^2 / ndf 90.53 / 88

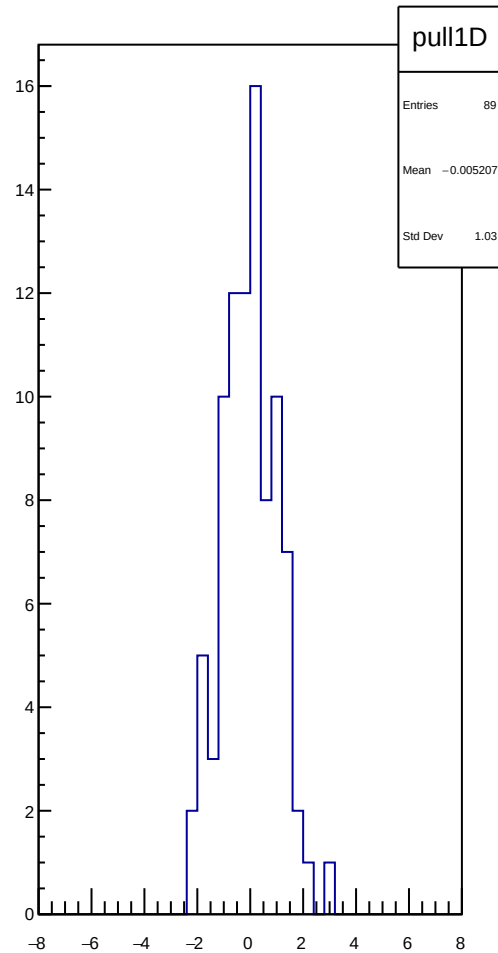
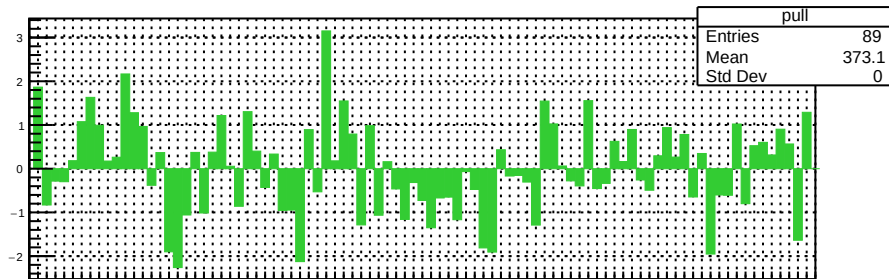
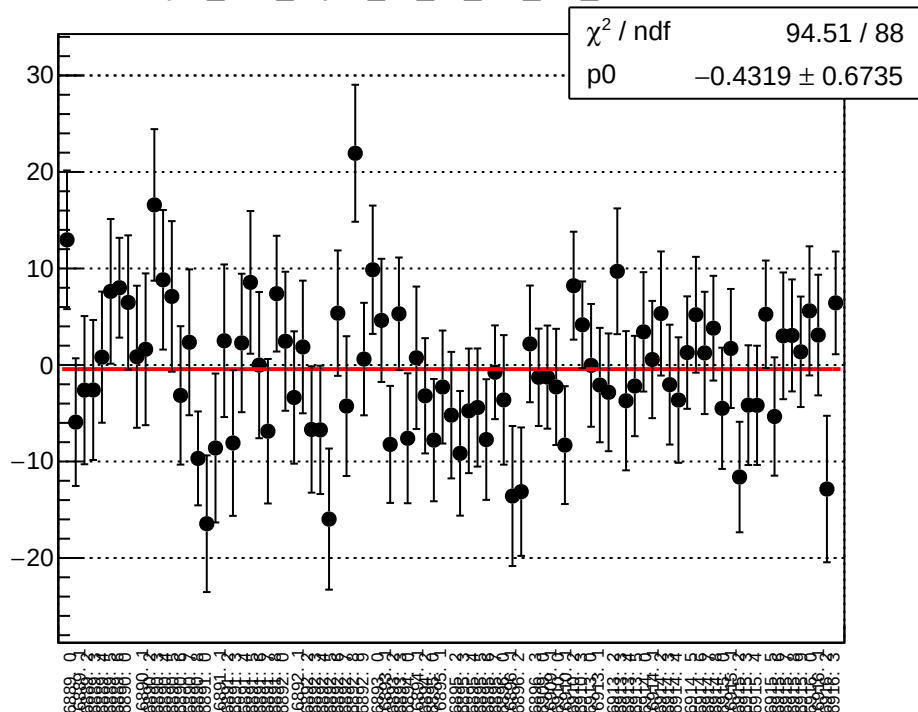
p_0 $1.712\text{e-}05 \pm 1.23\text{e-}05$



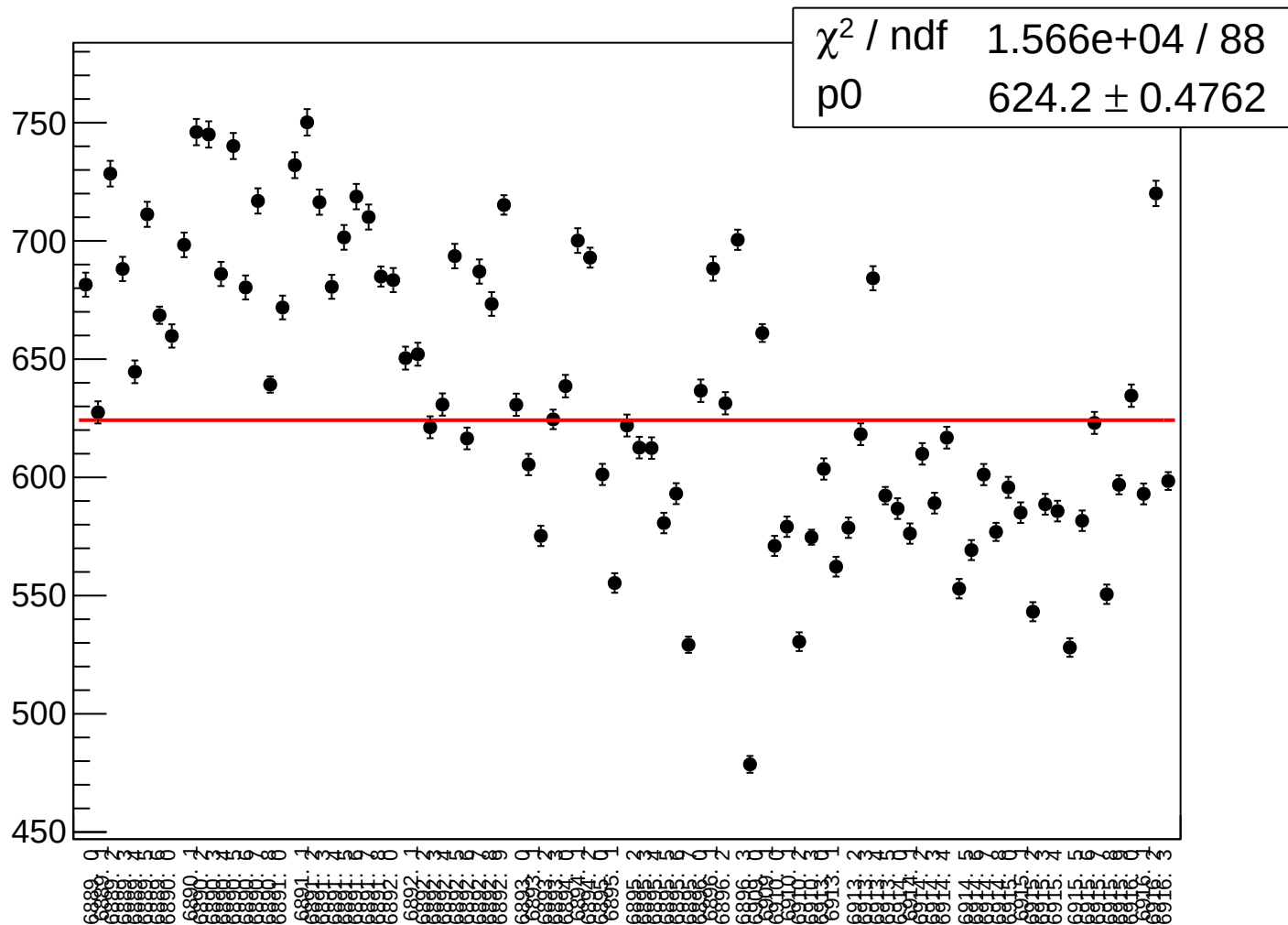
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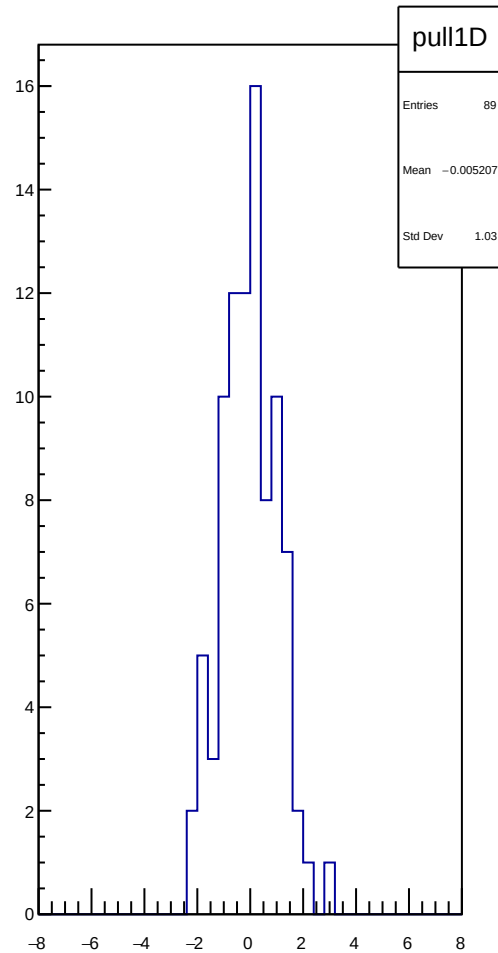
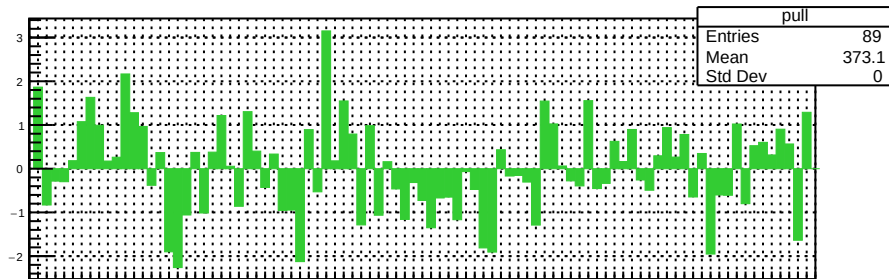
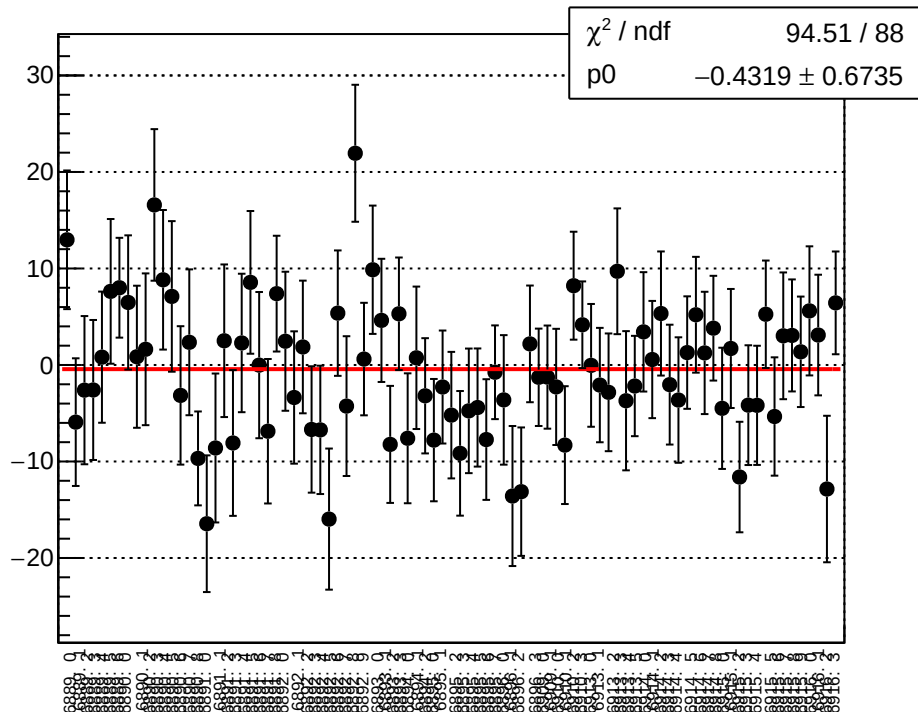
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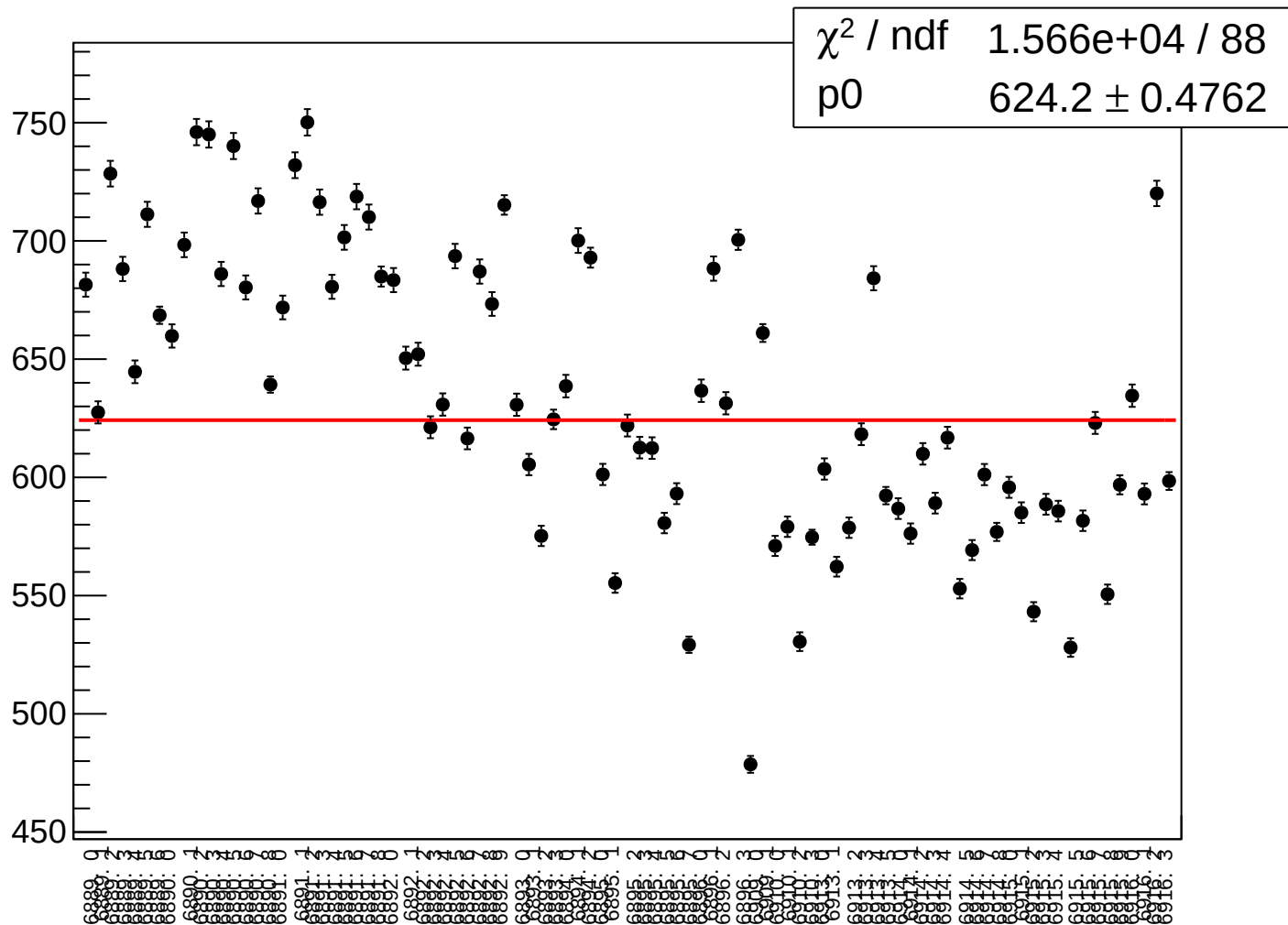
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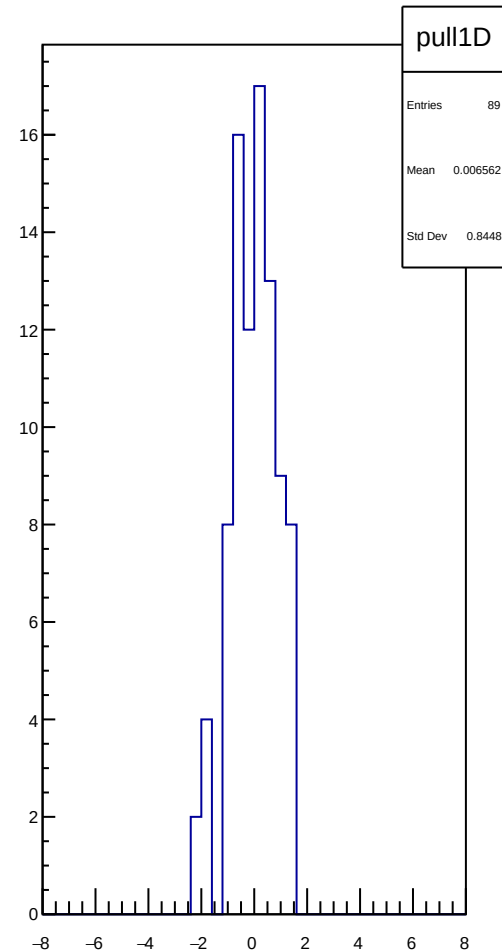
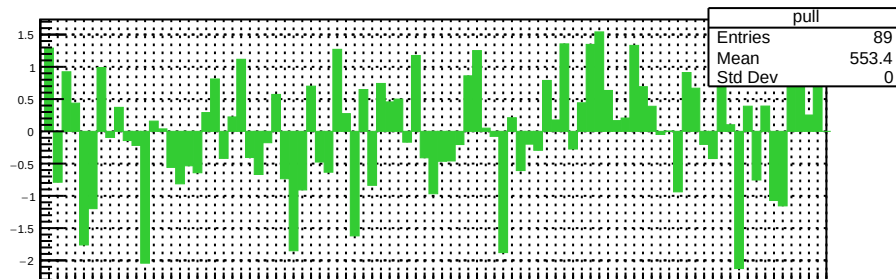
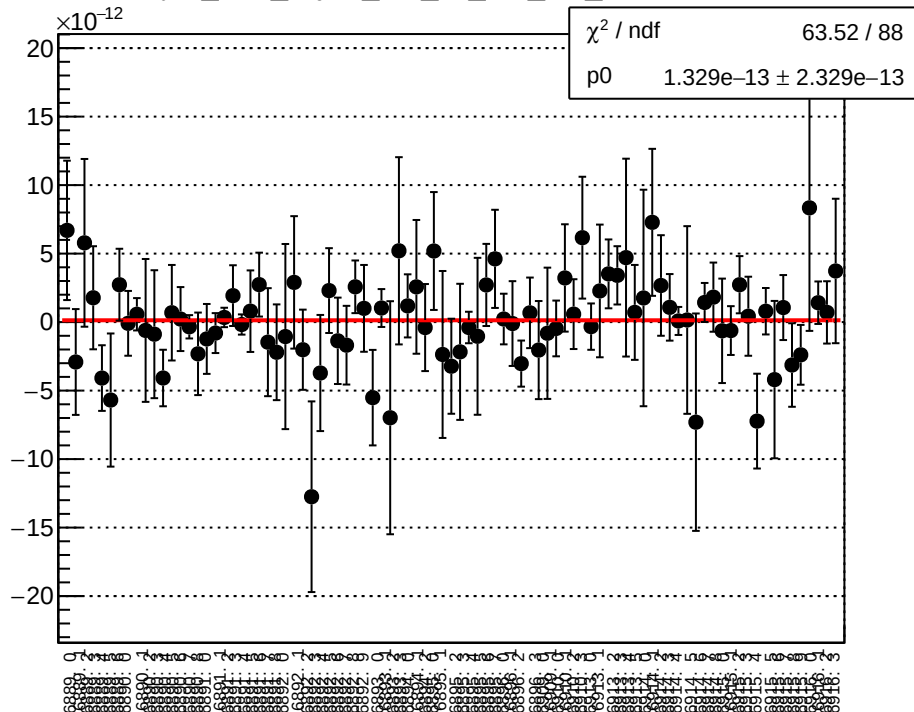
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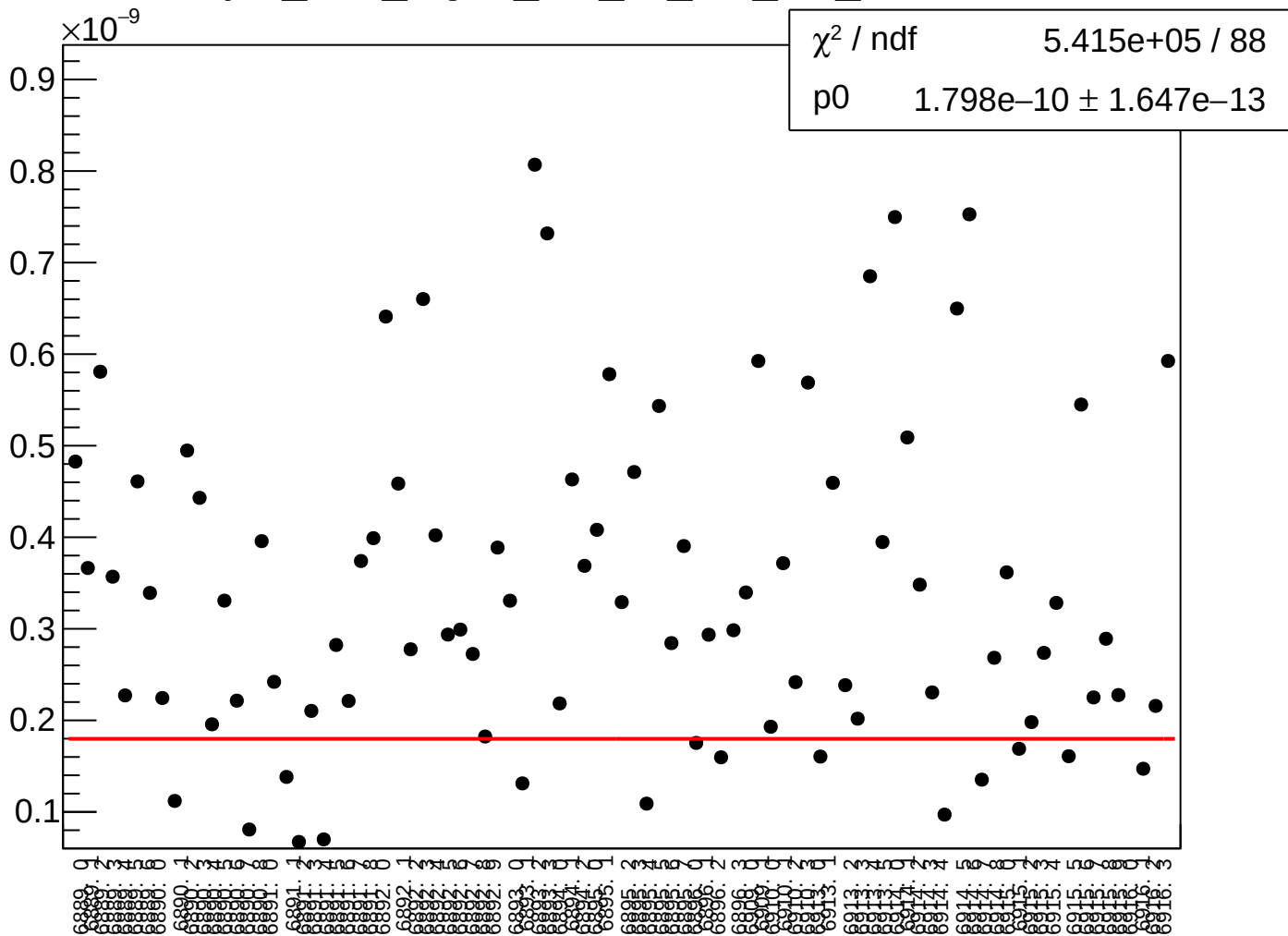
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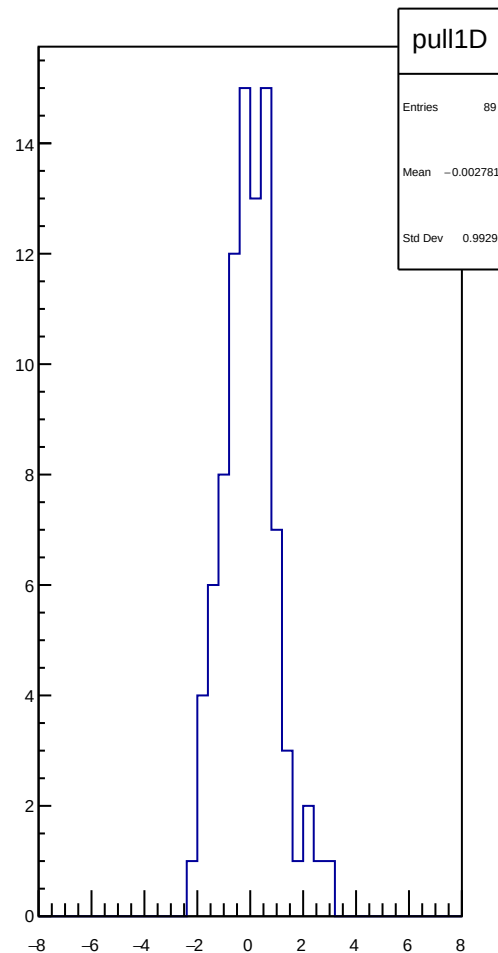
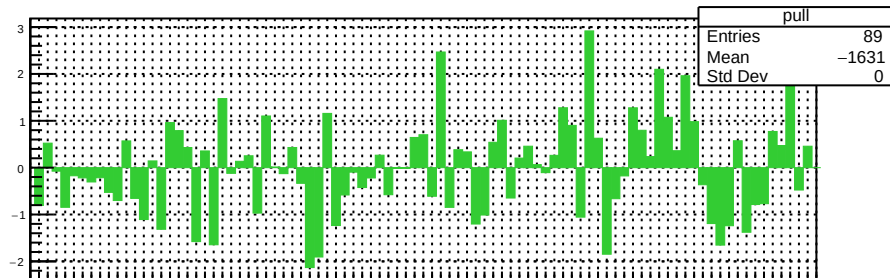
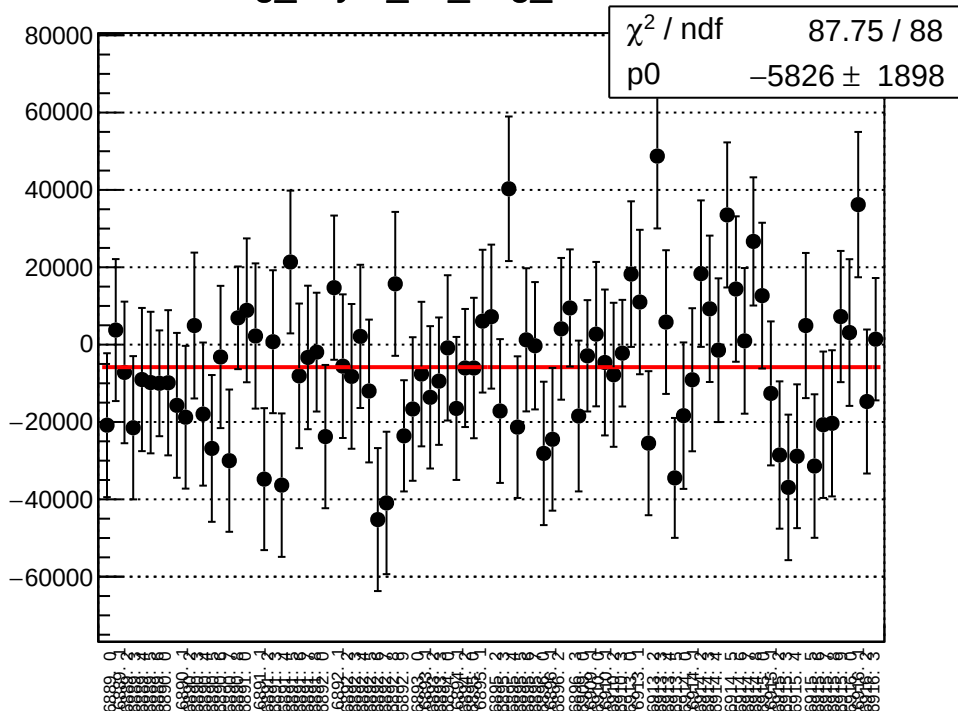
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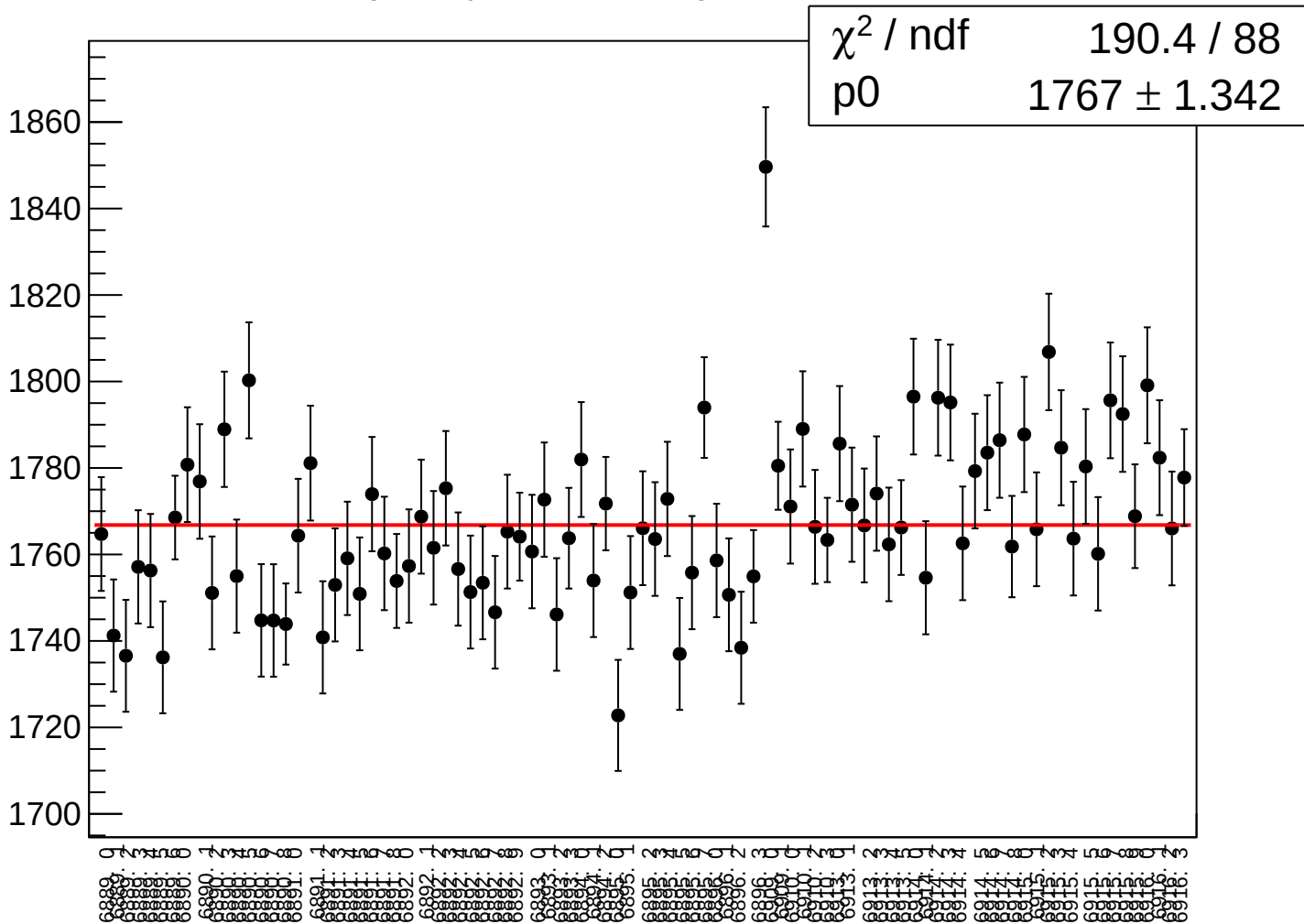
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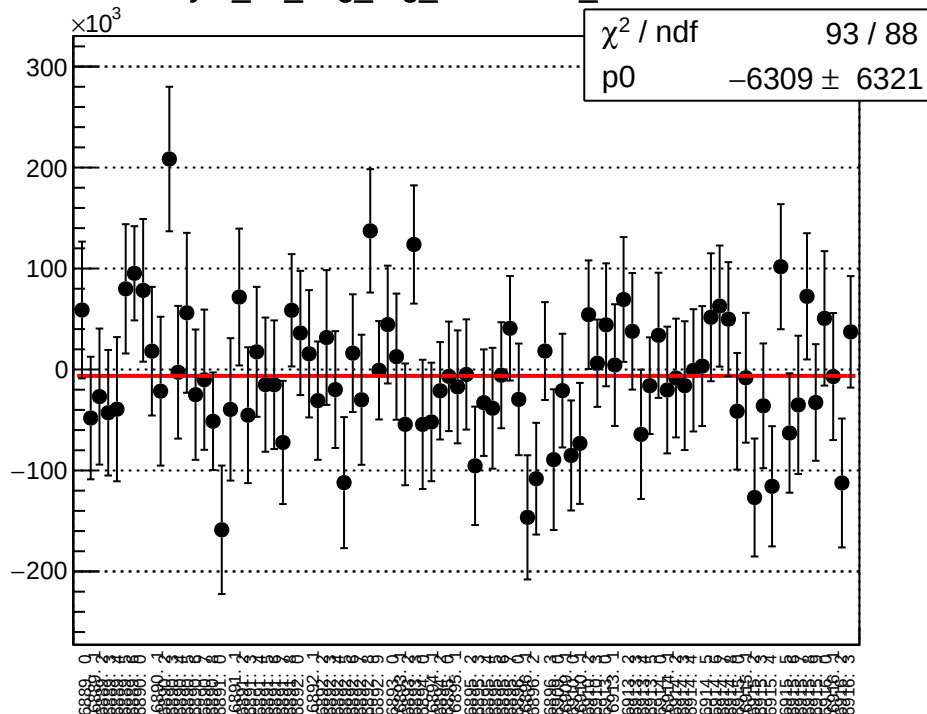
reg_asym_atl_avg_mean vs run



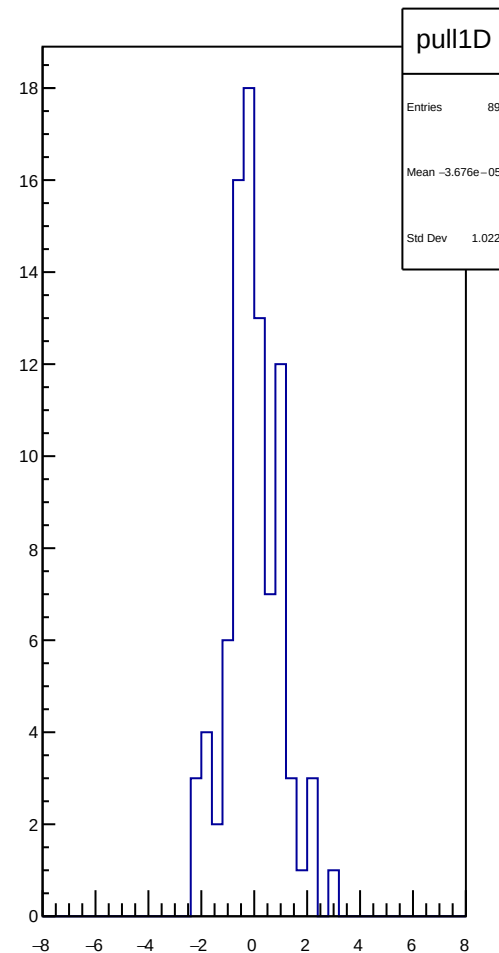
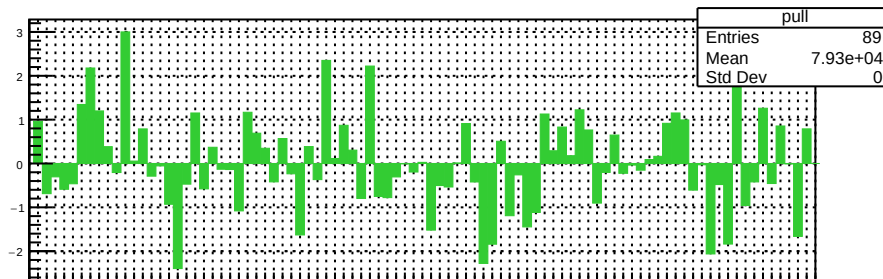
reg_asym_atl_avg_rms vs run



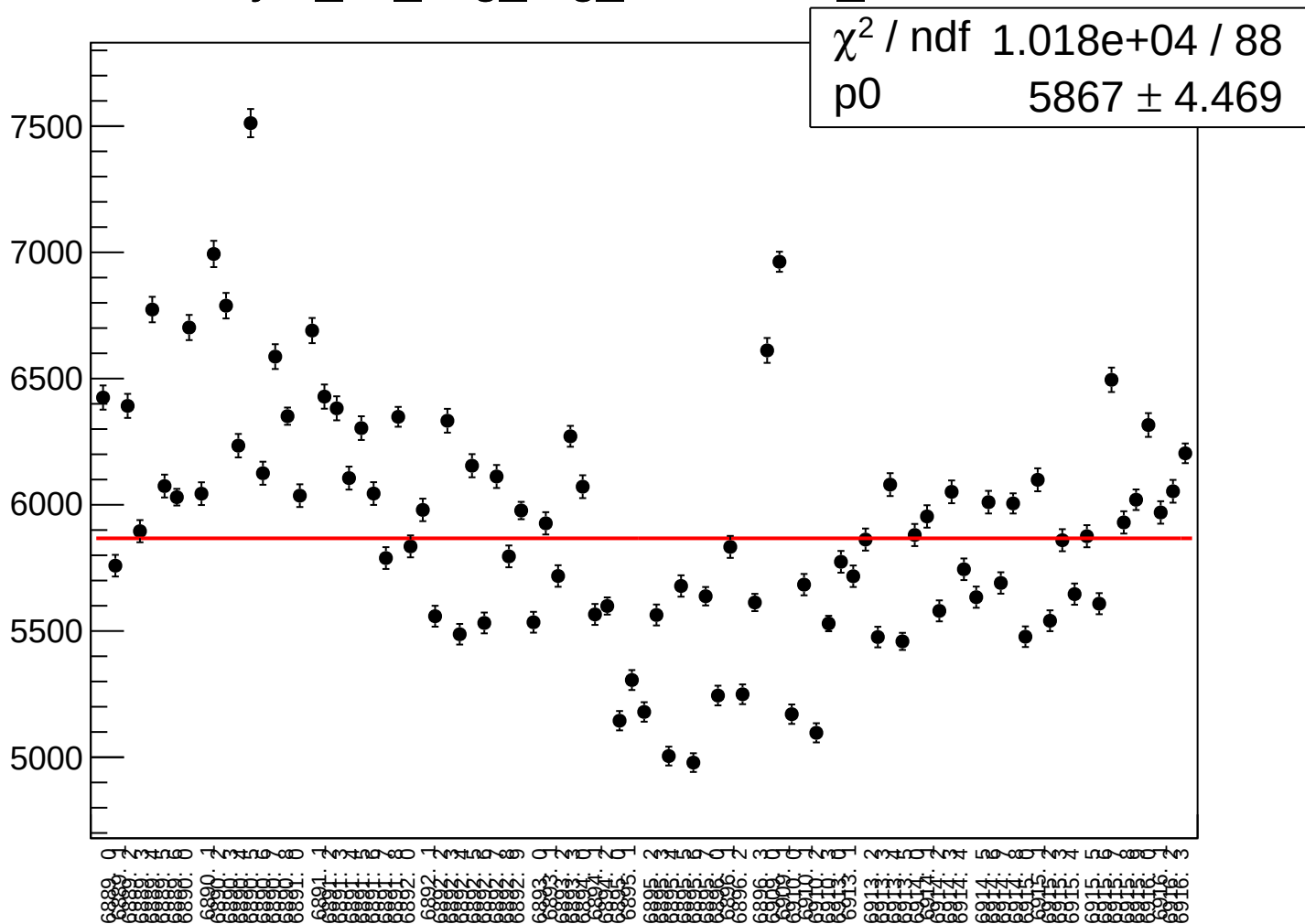
asym_atl_avg_reg_correction_mean vs run



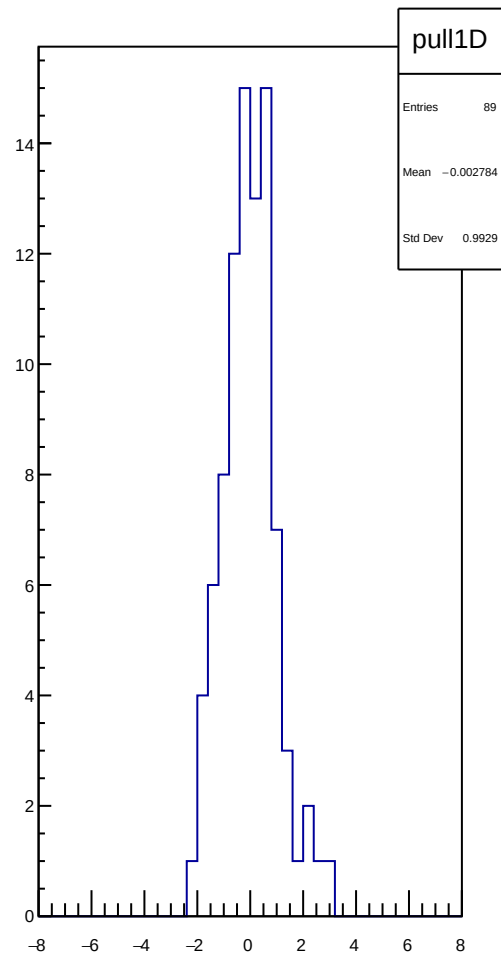
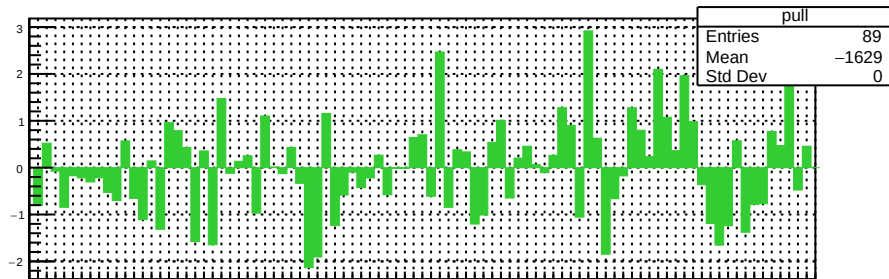
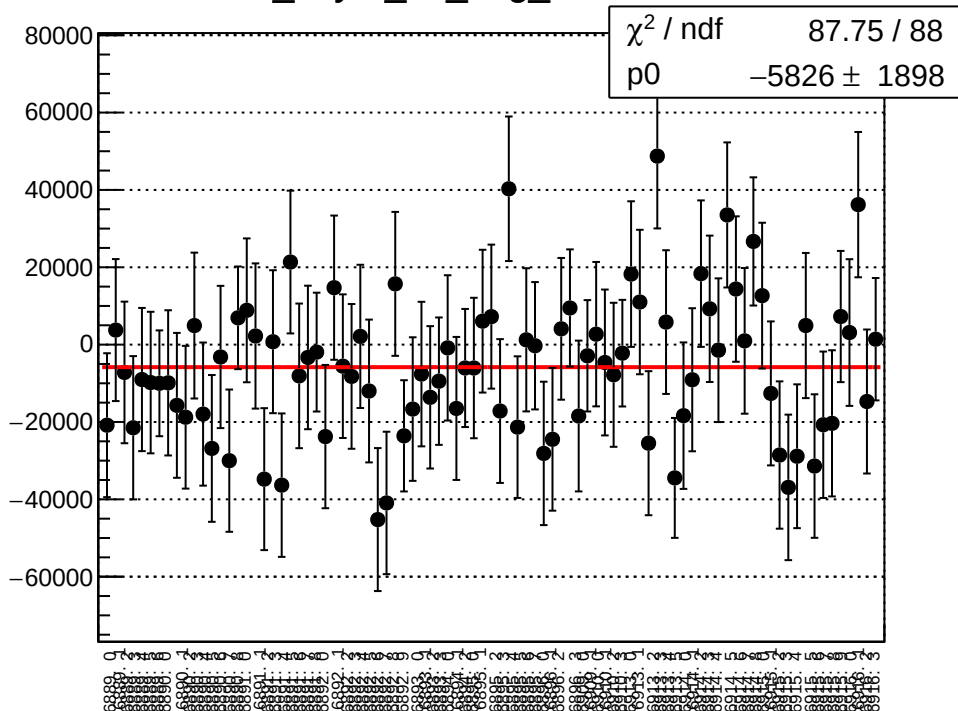
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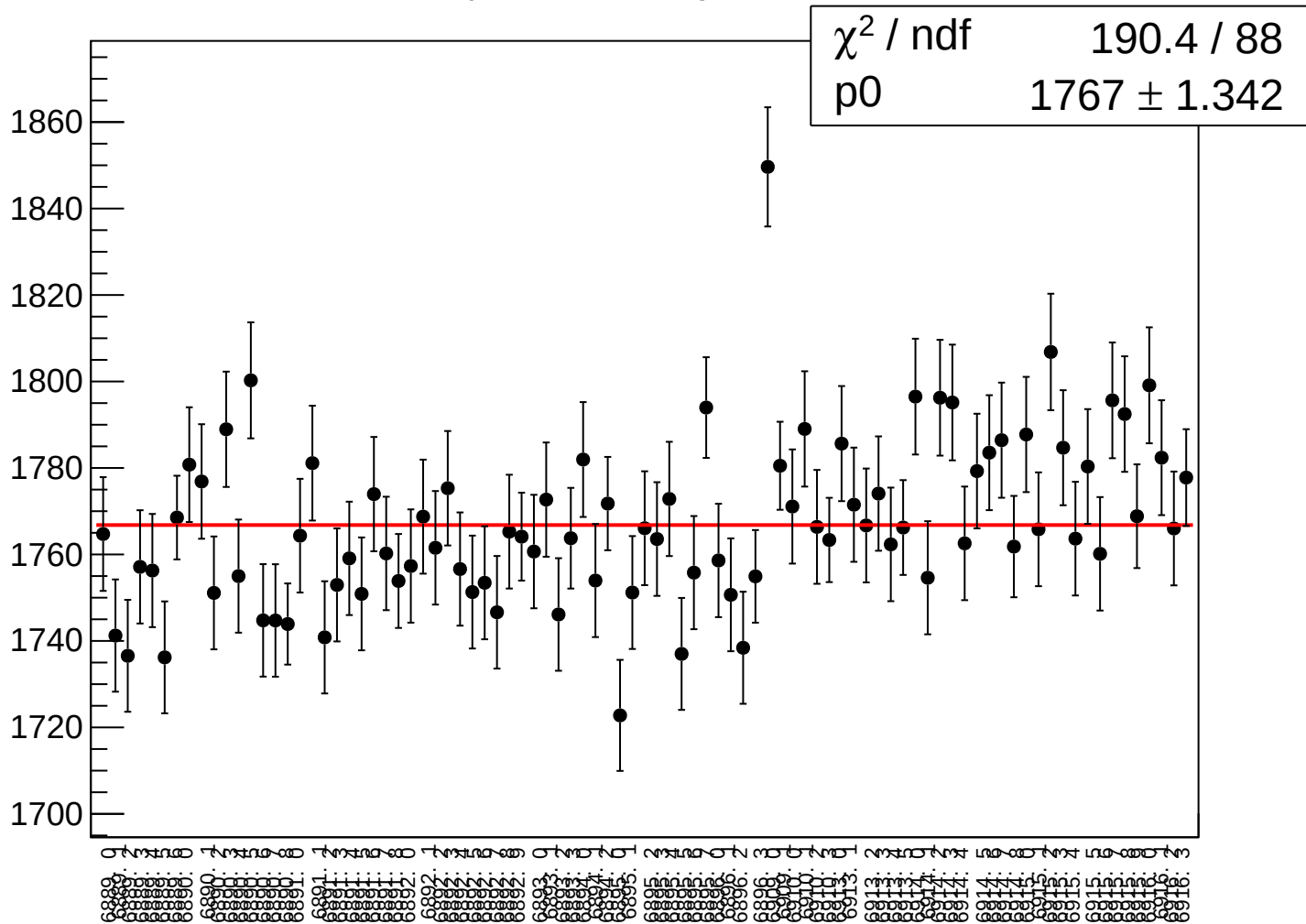
asym_atl_avg_reg_correction_rms vs run



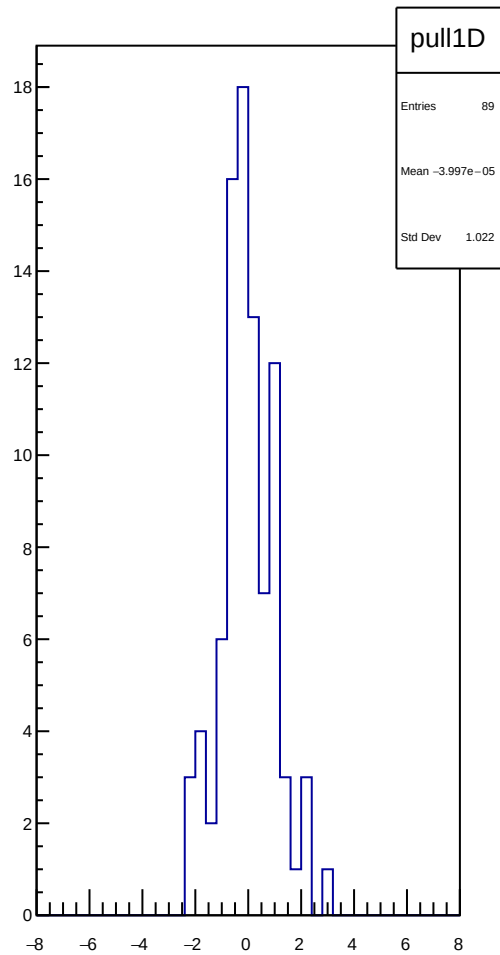
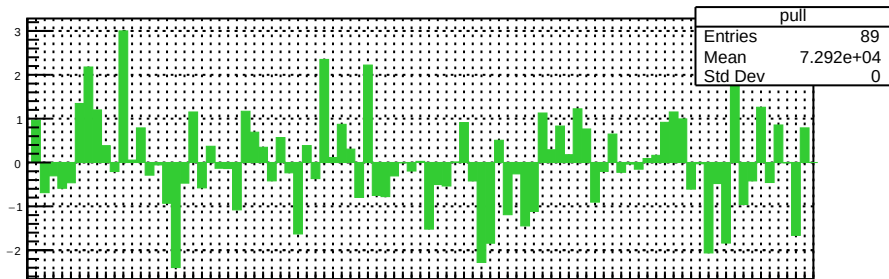
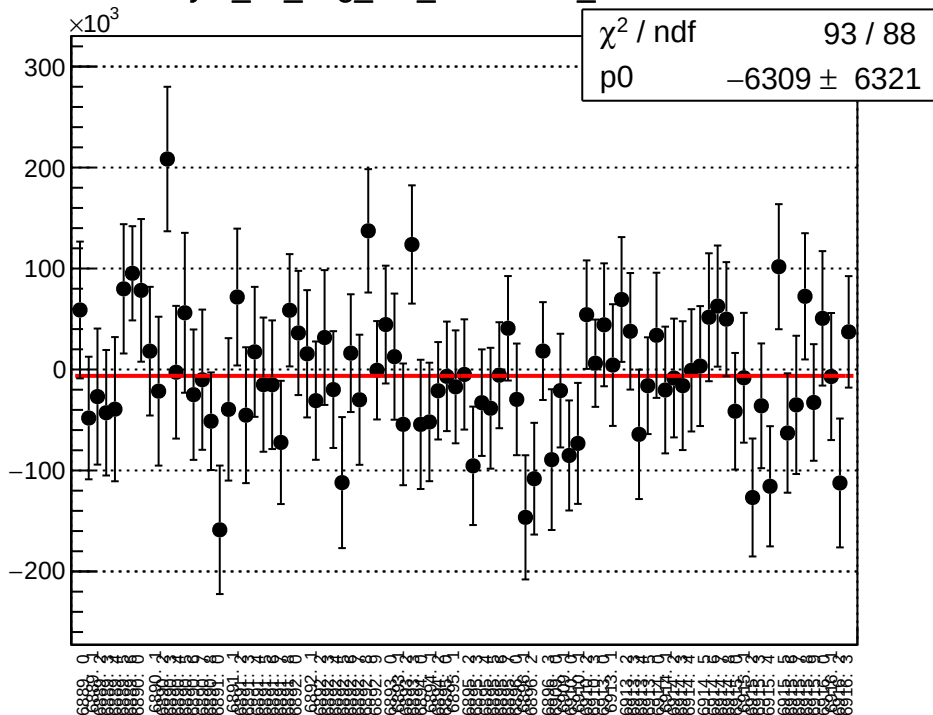
cor_asym_atl_avg_mean vs run



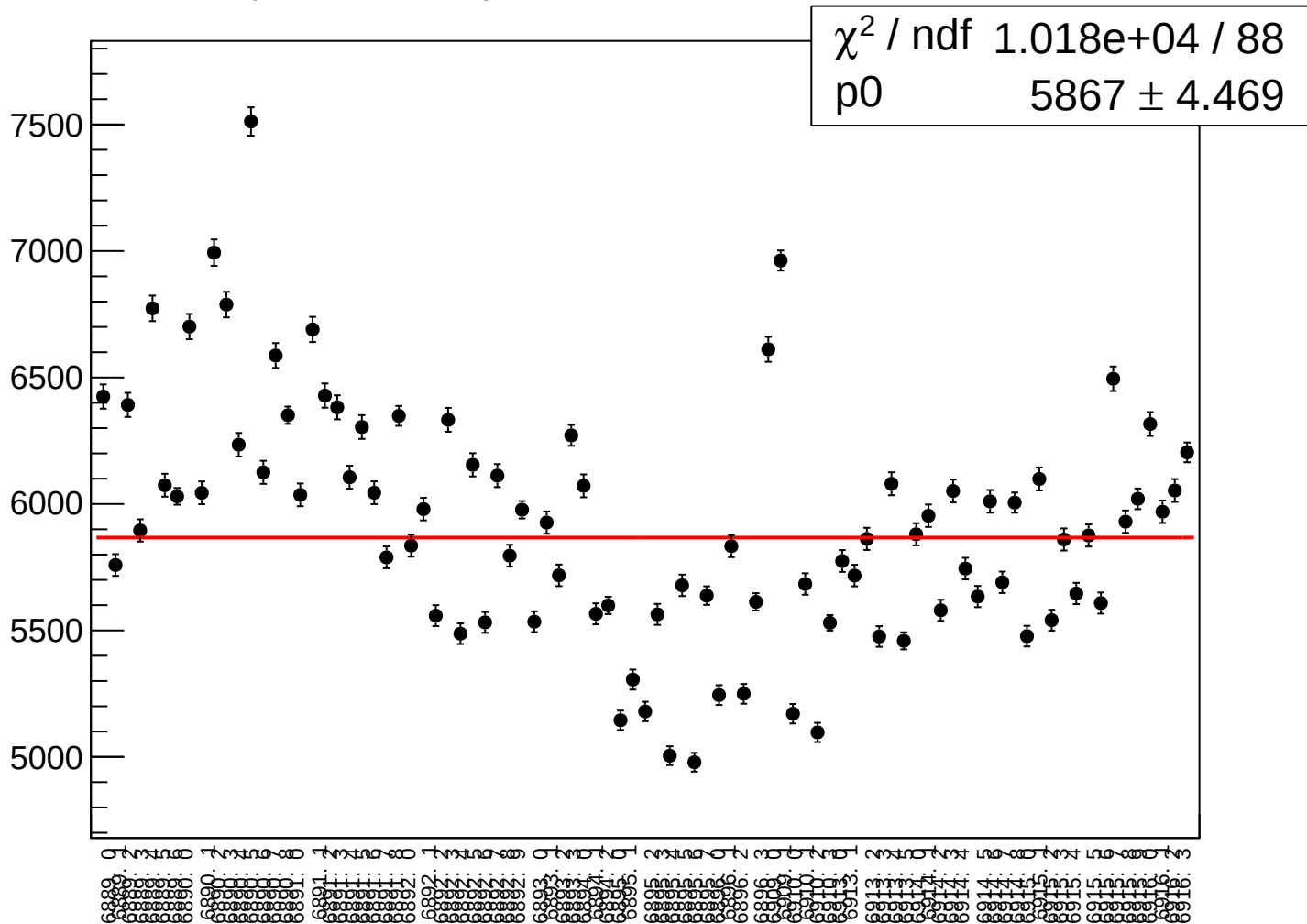
cor_asym_atl_avg_rms vs run



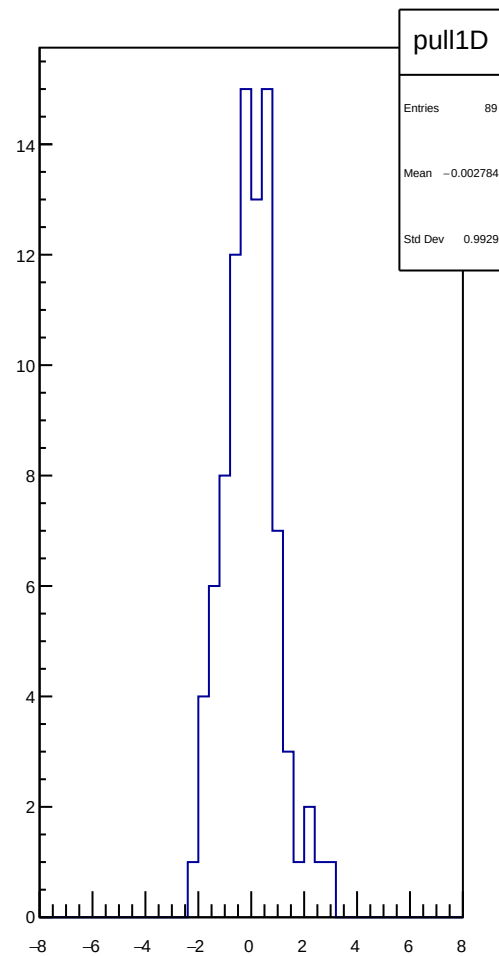
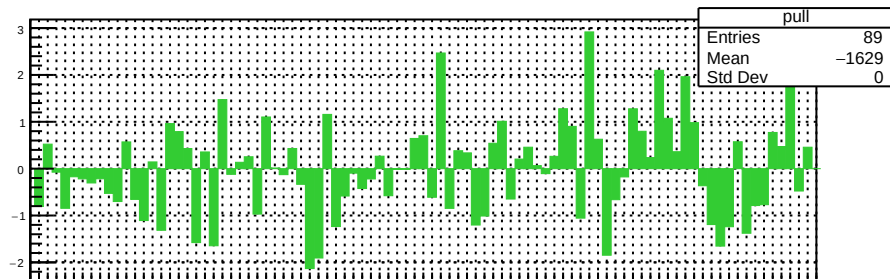
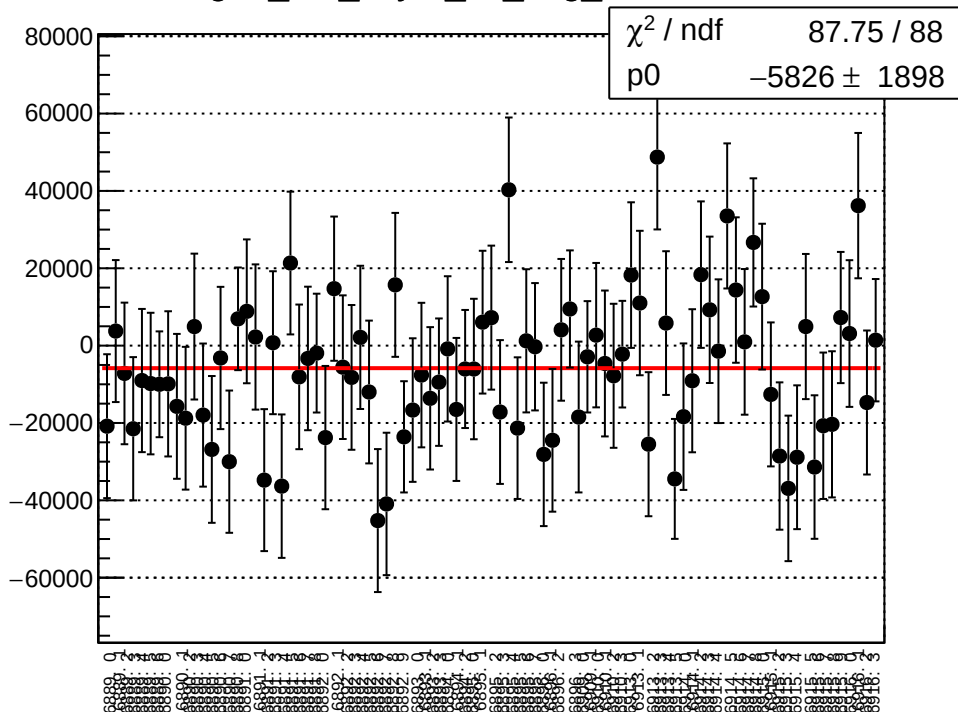
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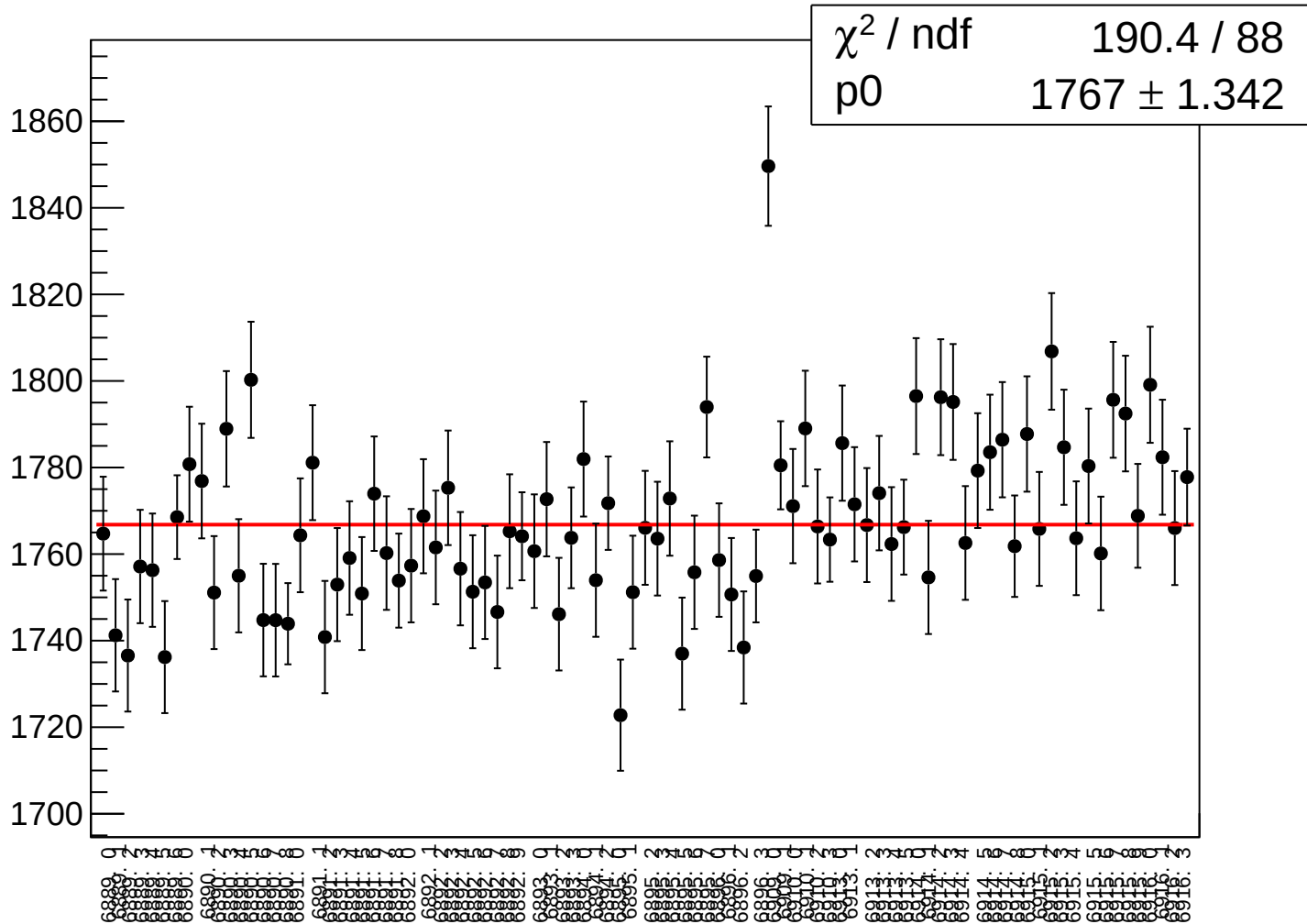
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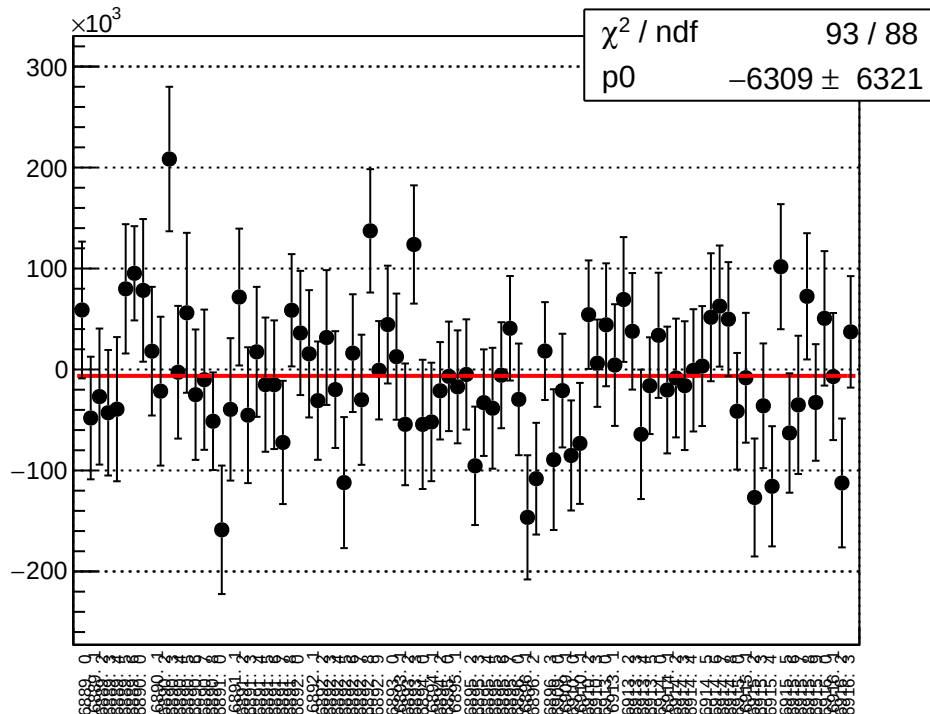
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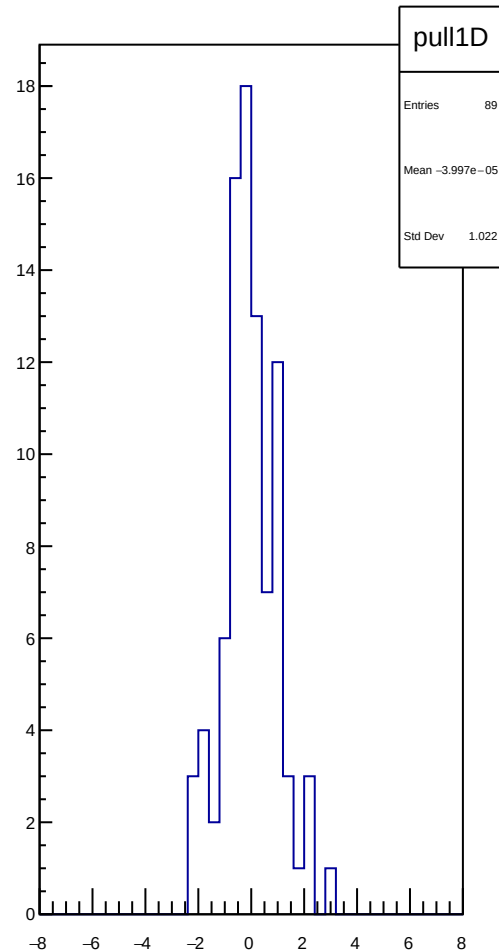
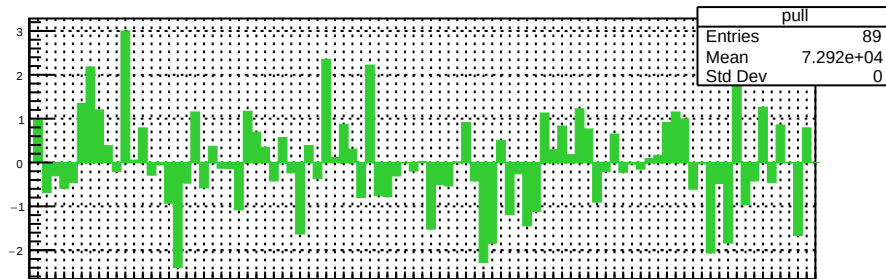
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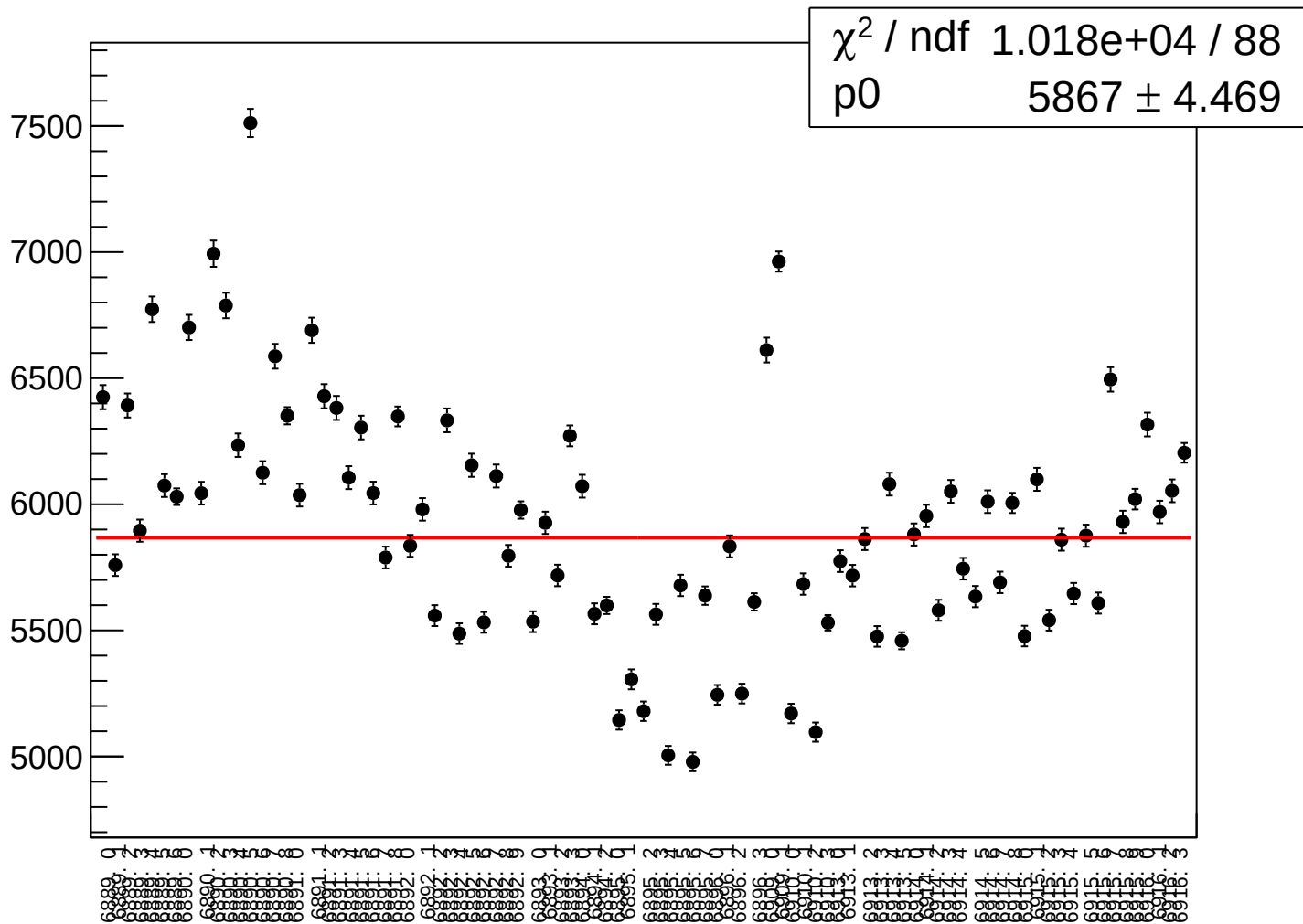
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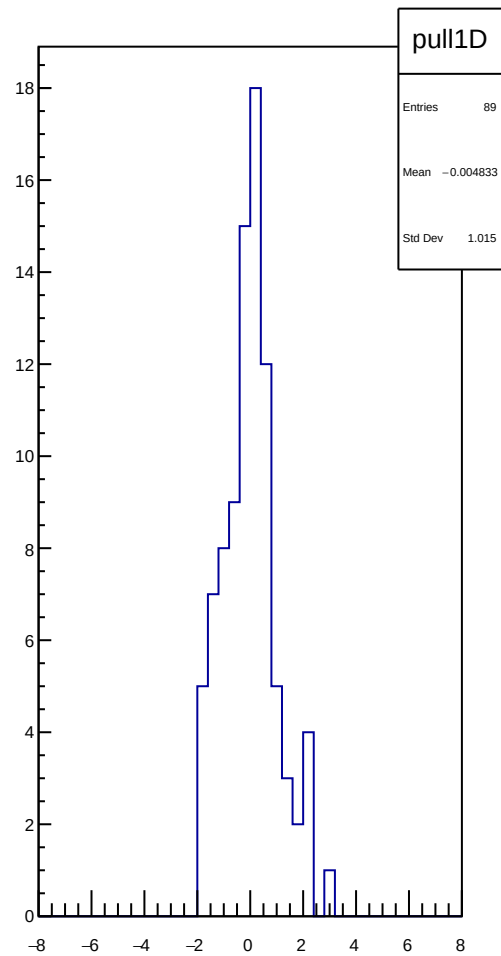
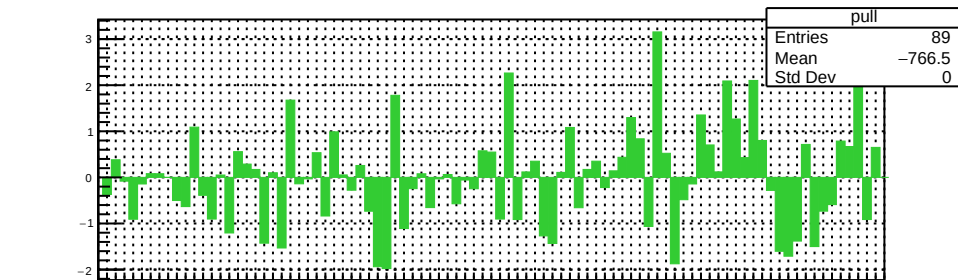
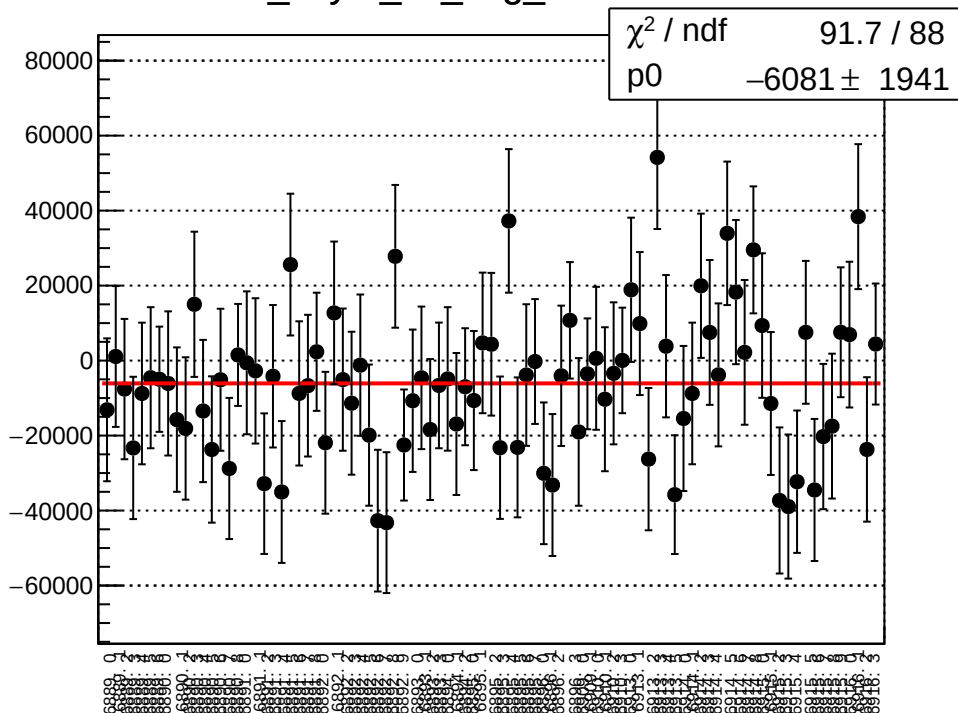
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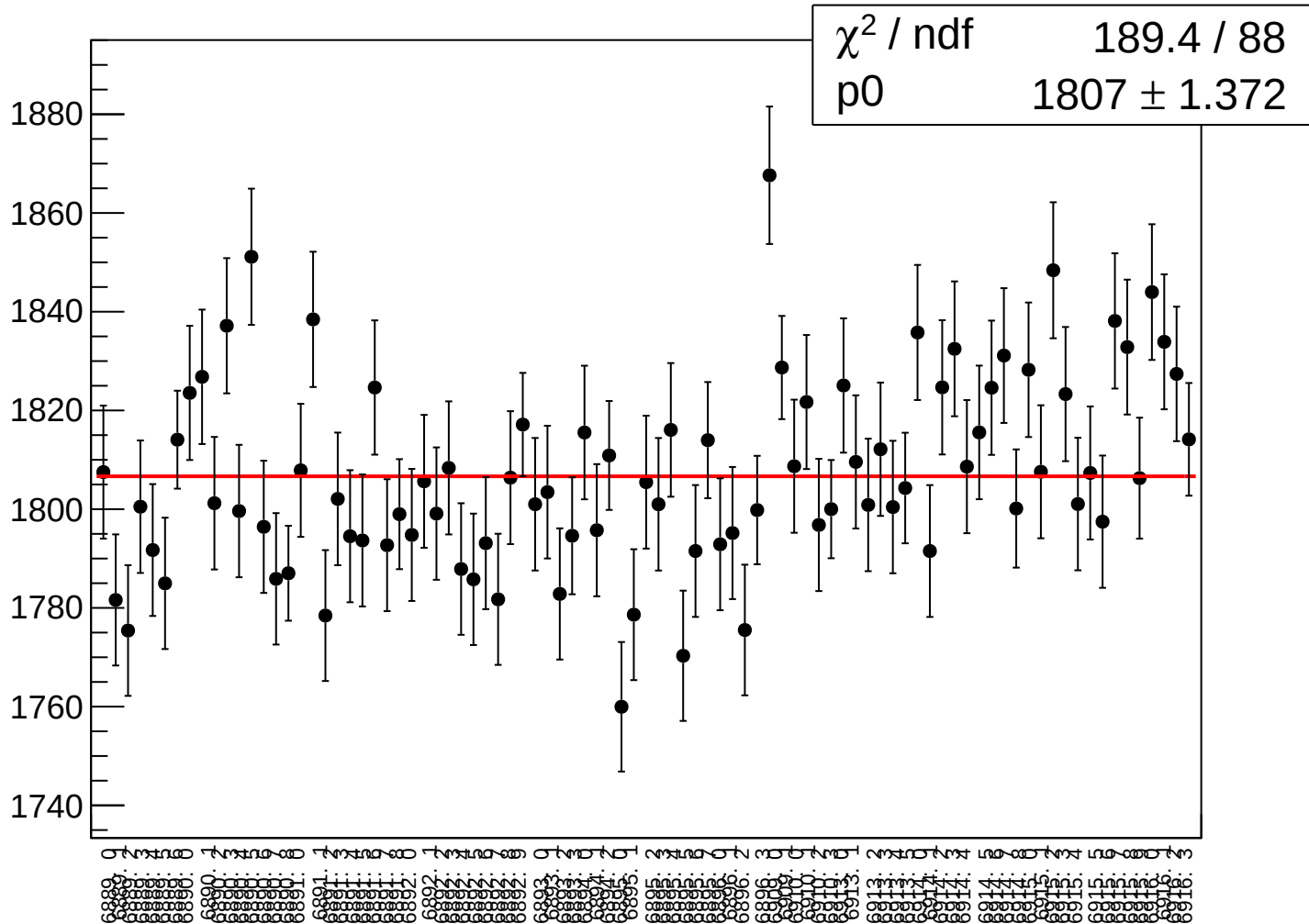
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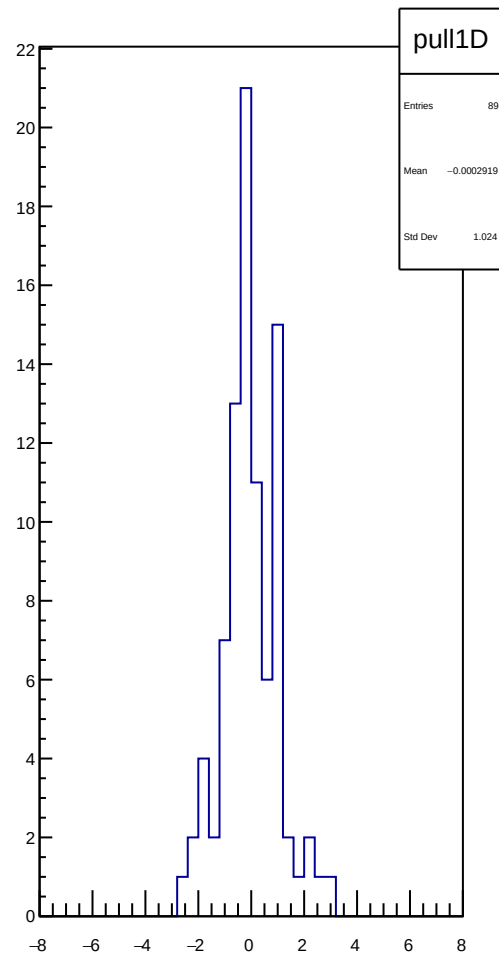
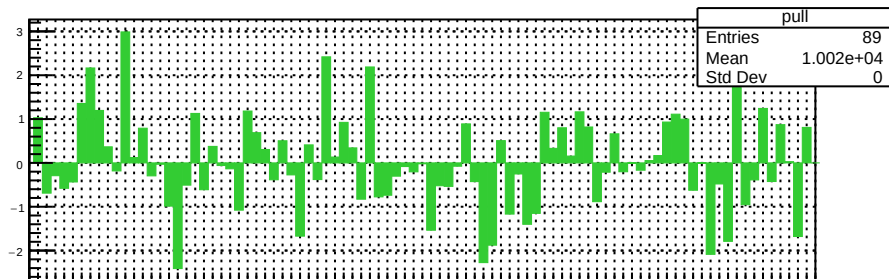
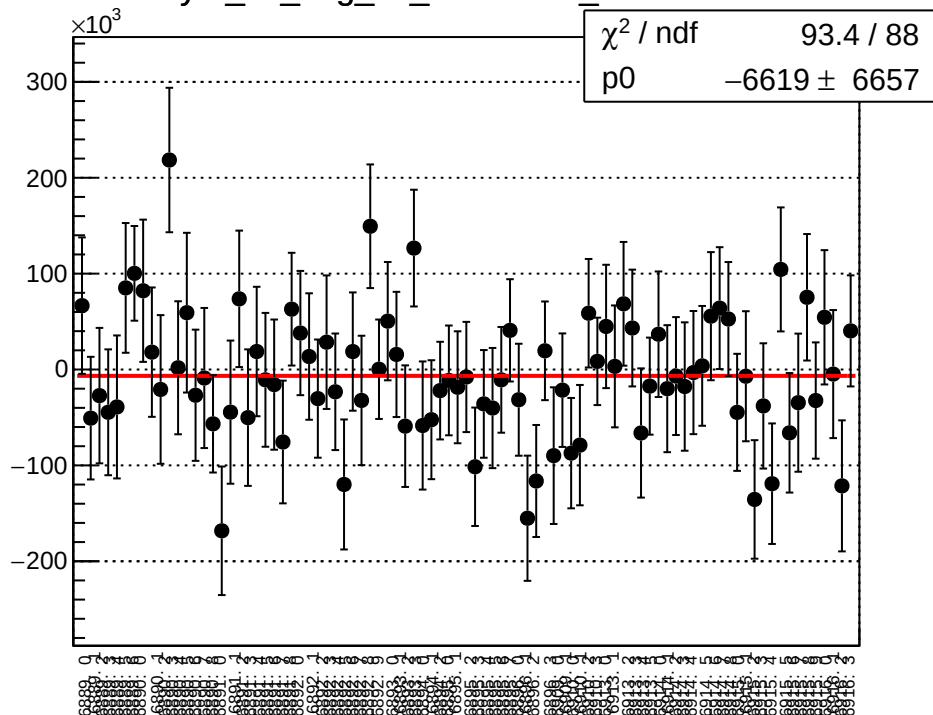
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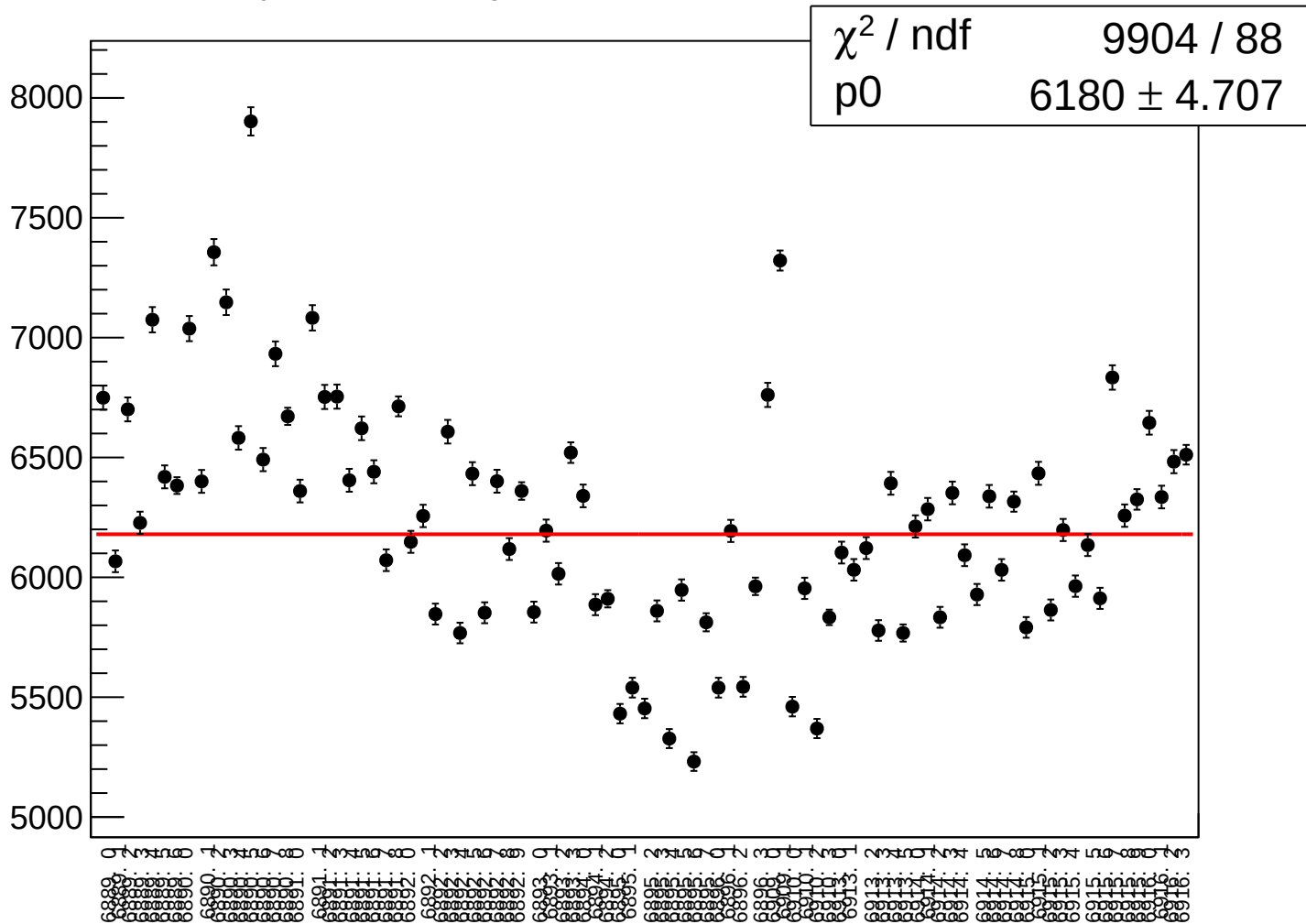
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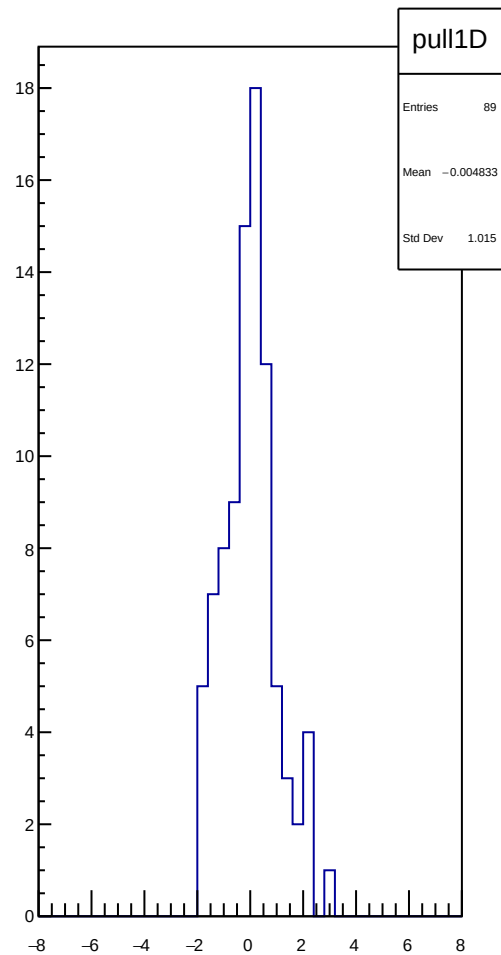
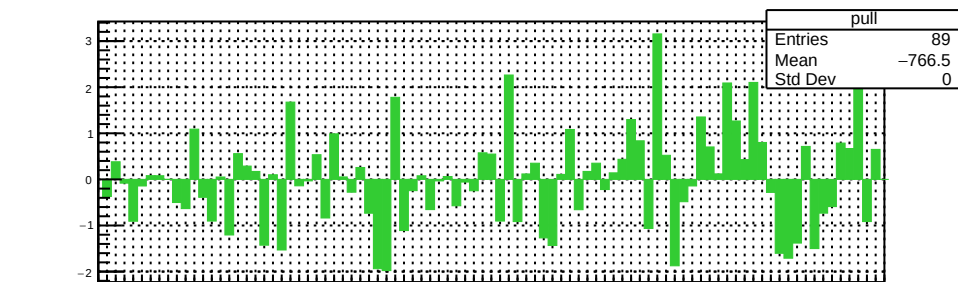
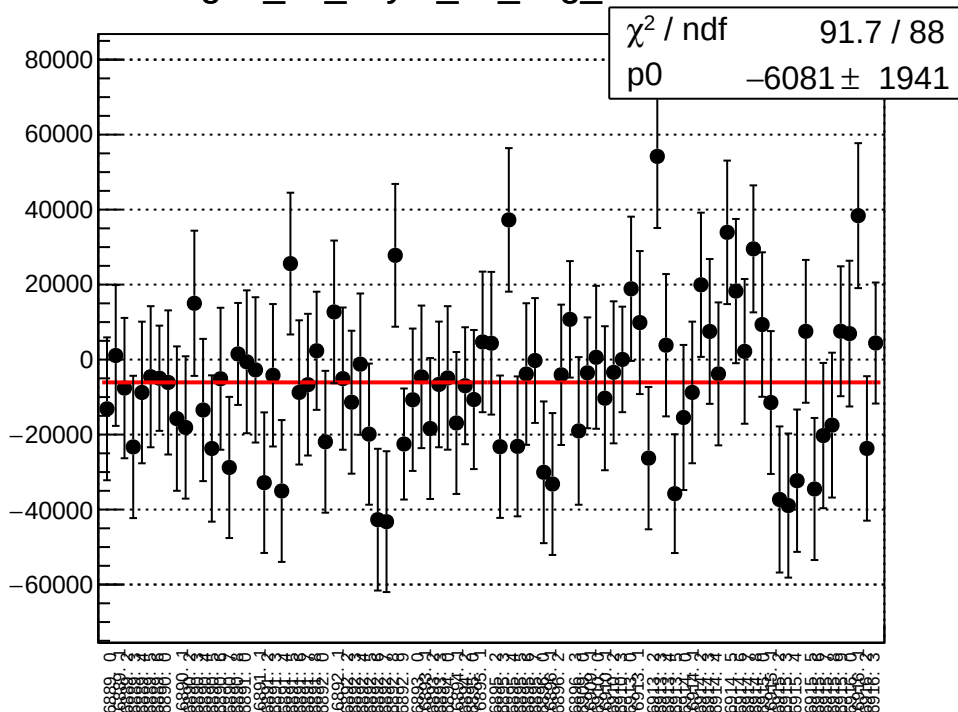
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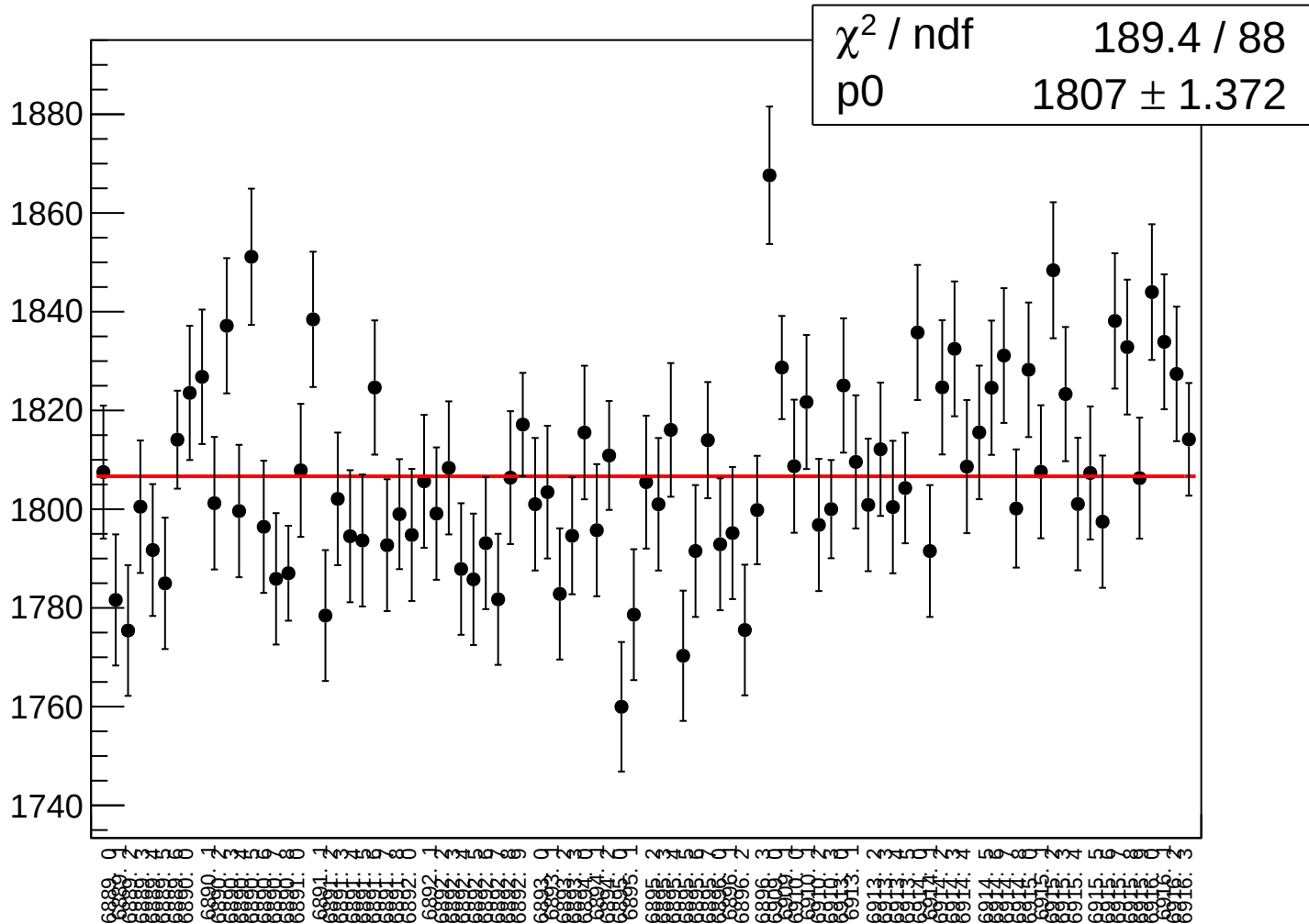
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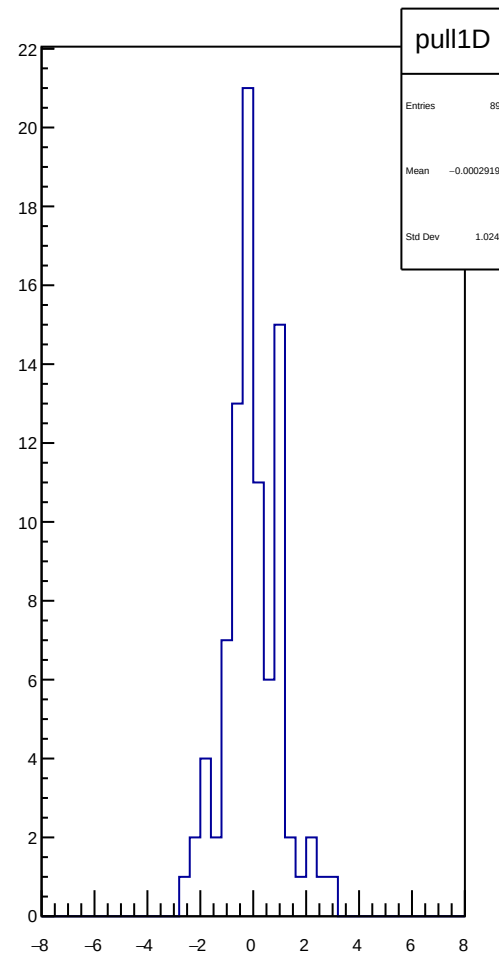
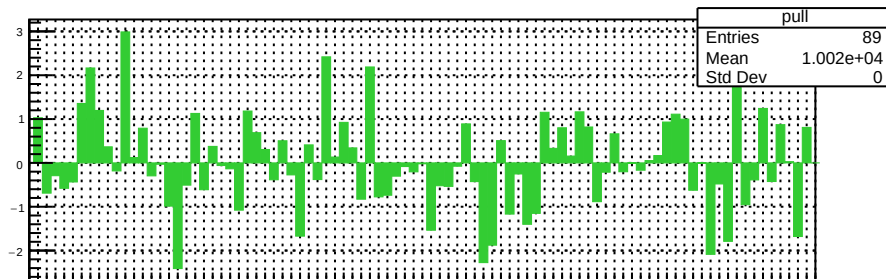
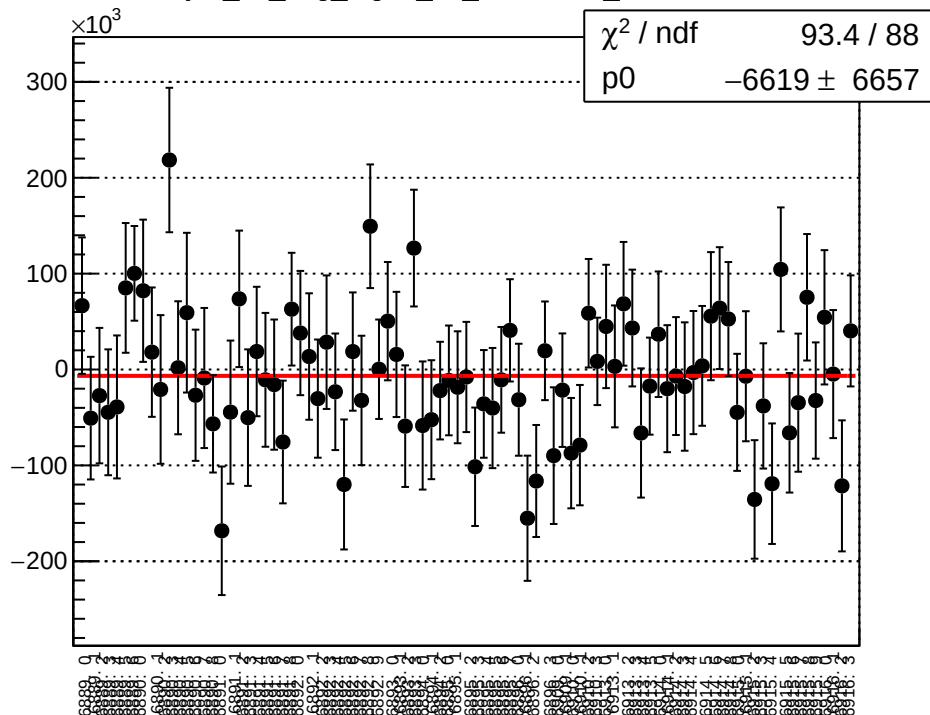
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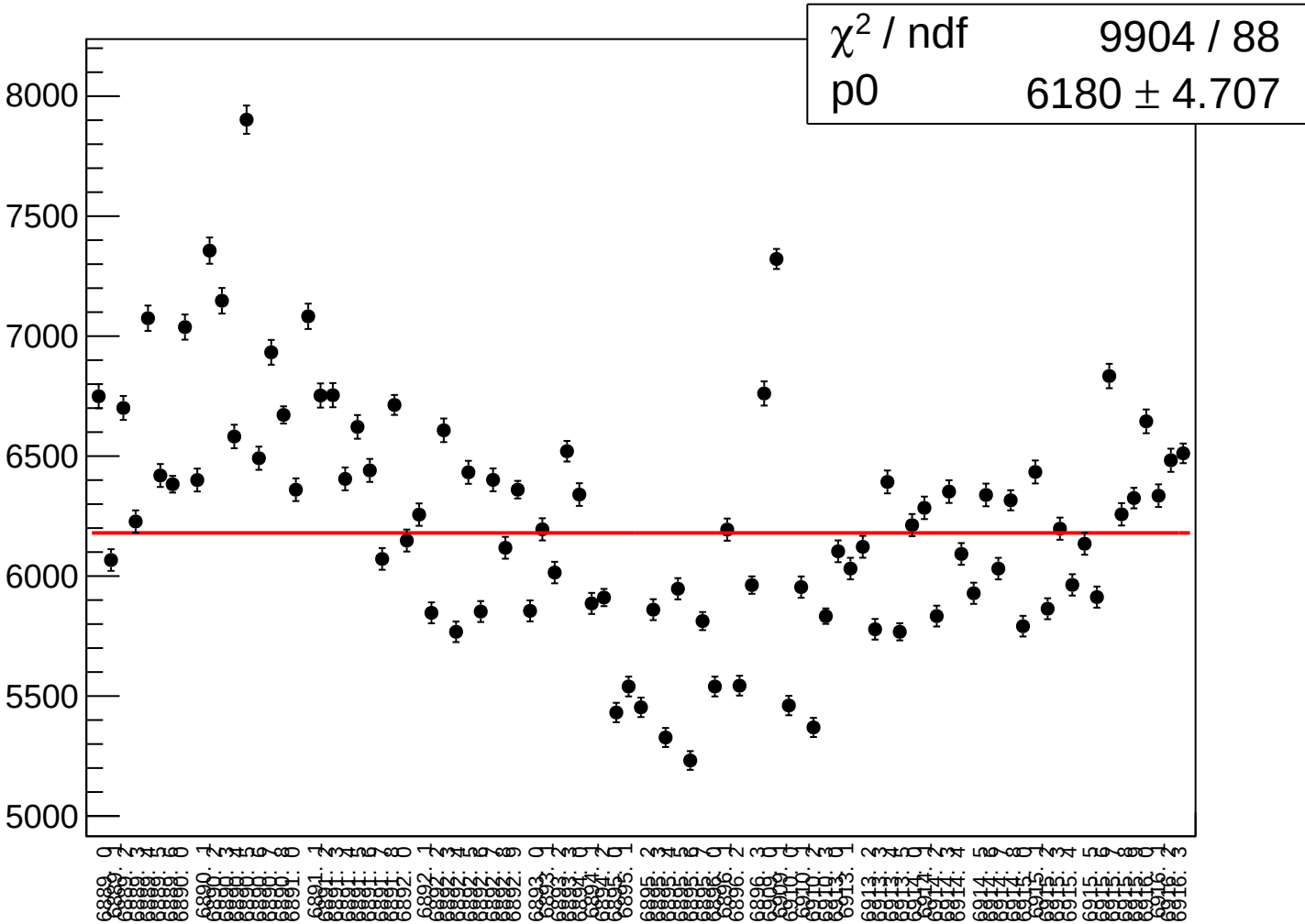
eigen_dit_asym_atl_avg_rms vs run



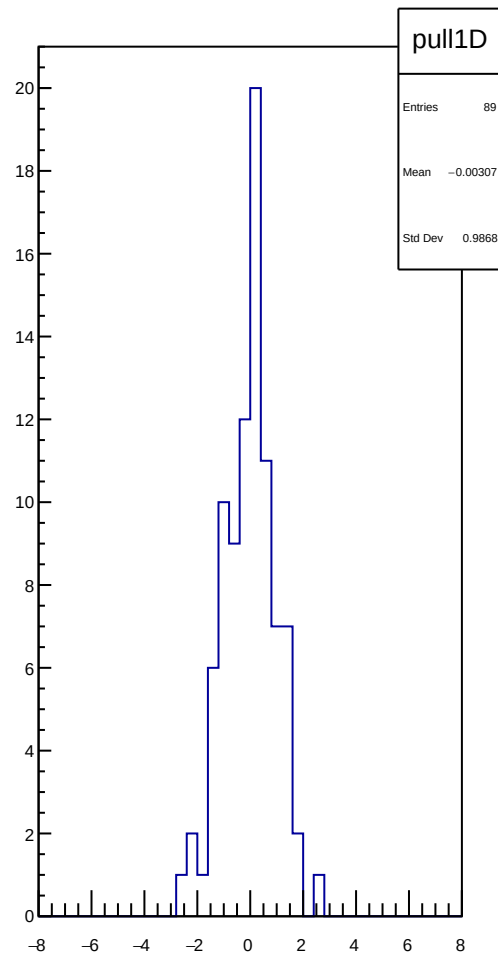
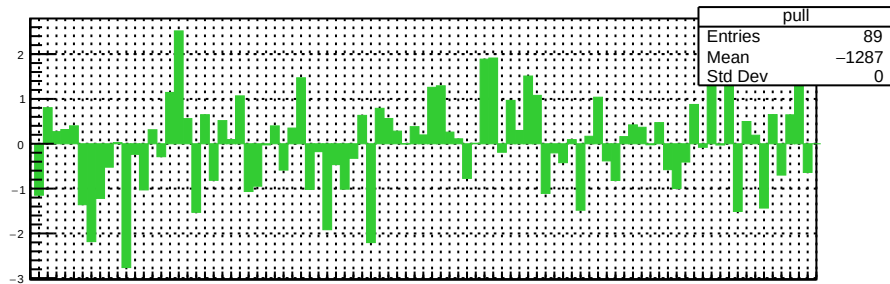
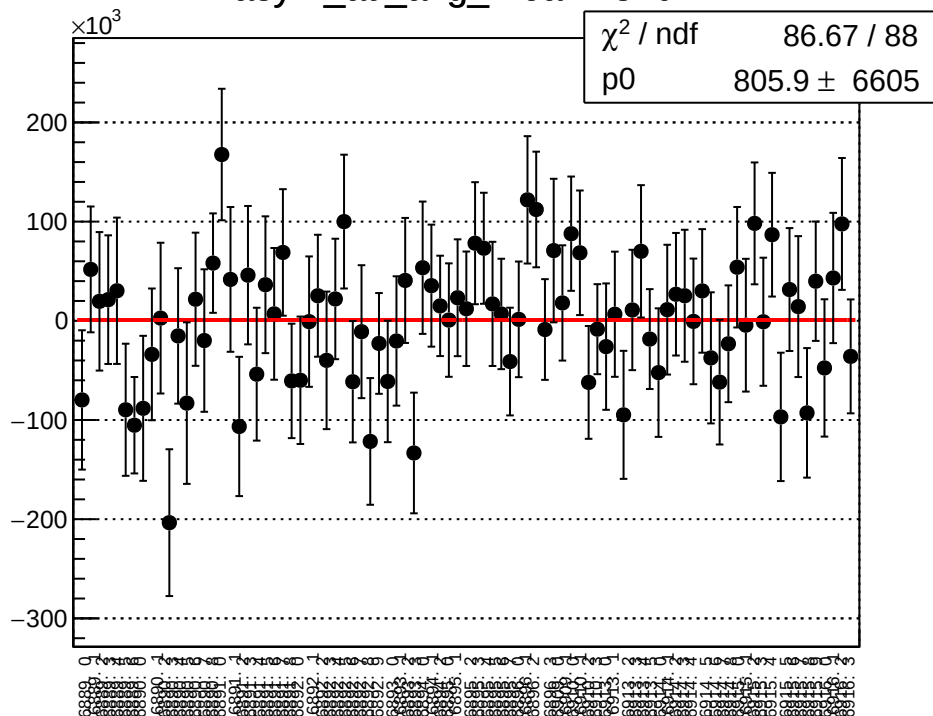
asym_atl_avg_eigen_dit_correction_mean vs run



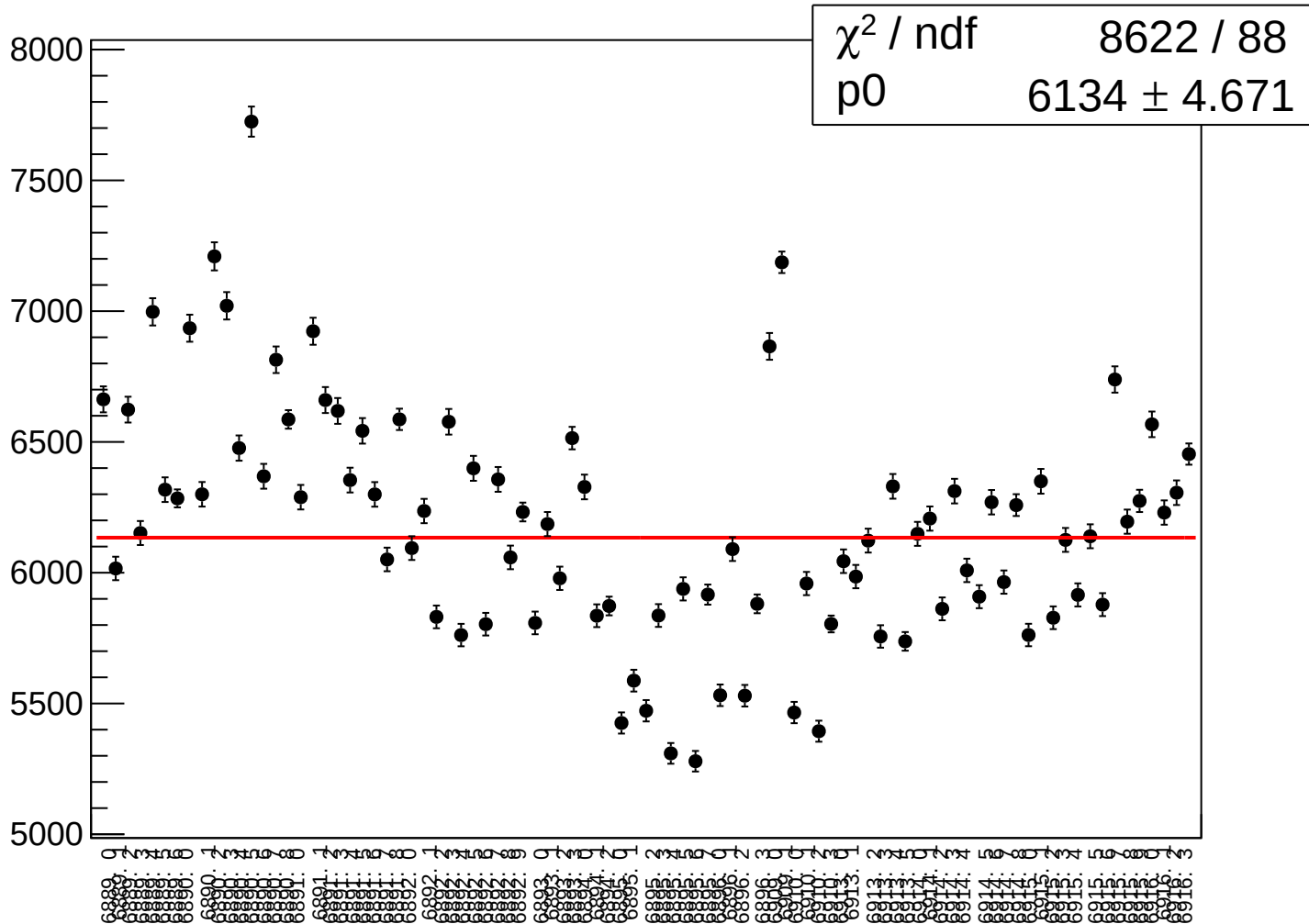
asym_atl_avg_eigen_dit_correction_rms vs run



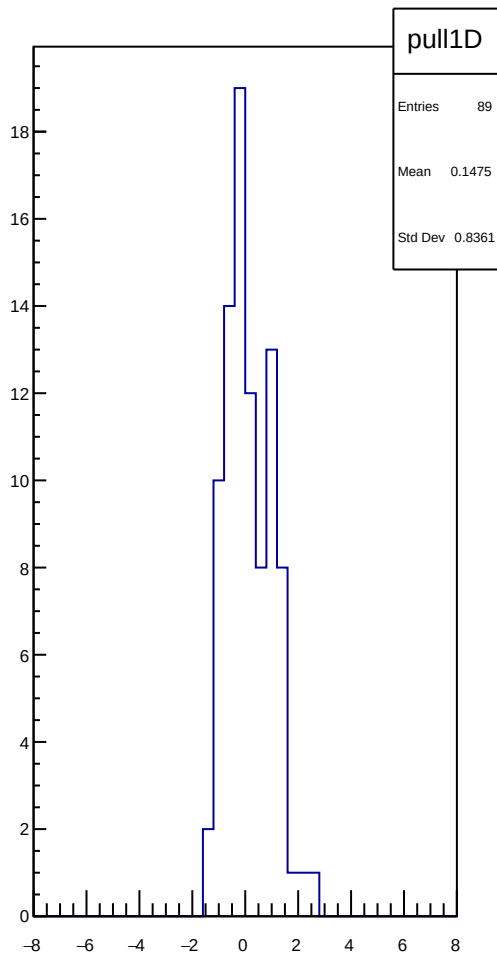
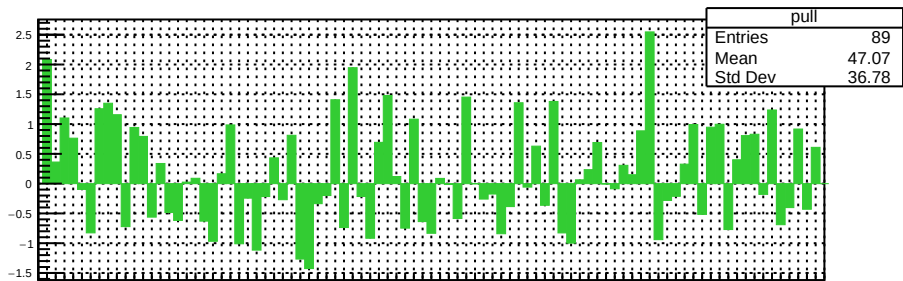
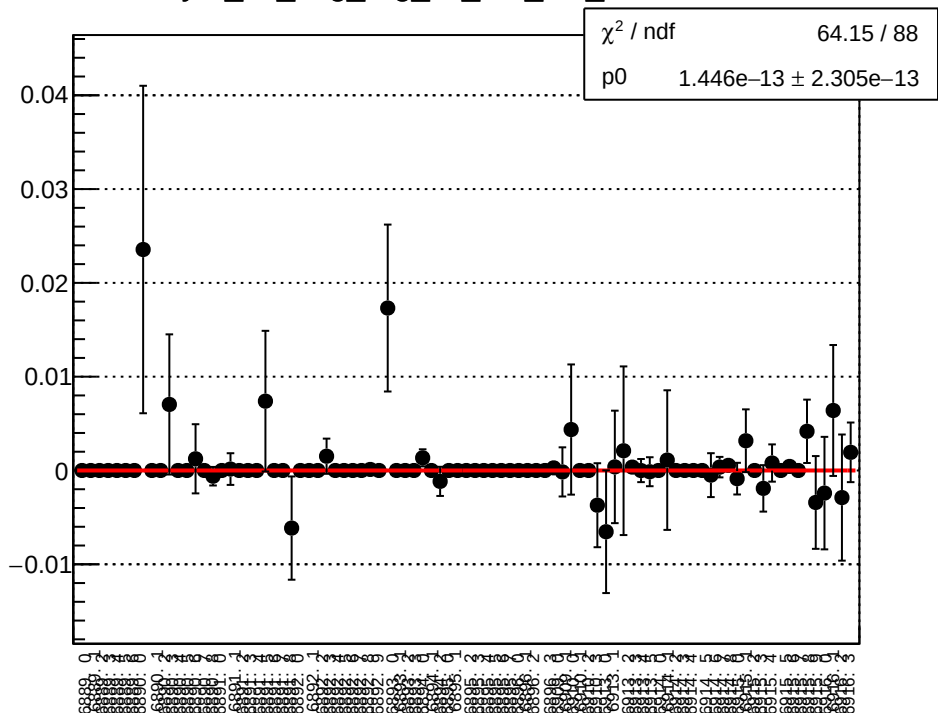
asym_atl_avg_mean vs run



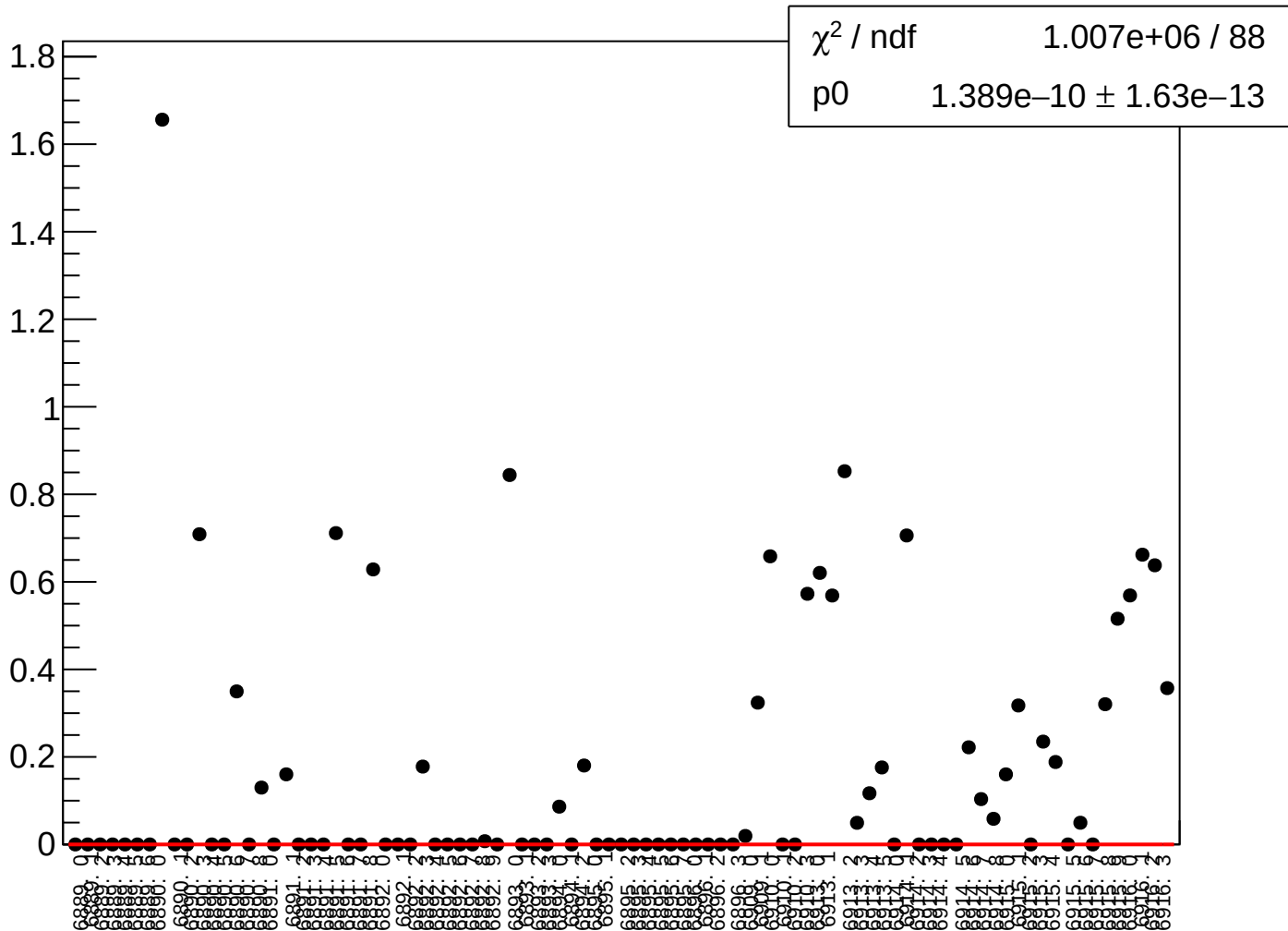
asym_atl_avg_rms vs run



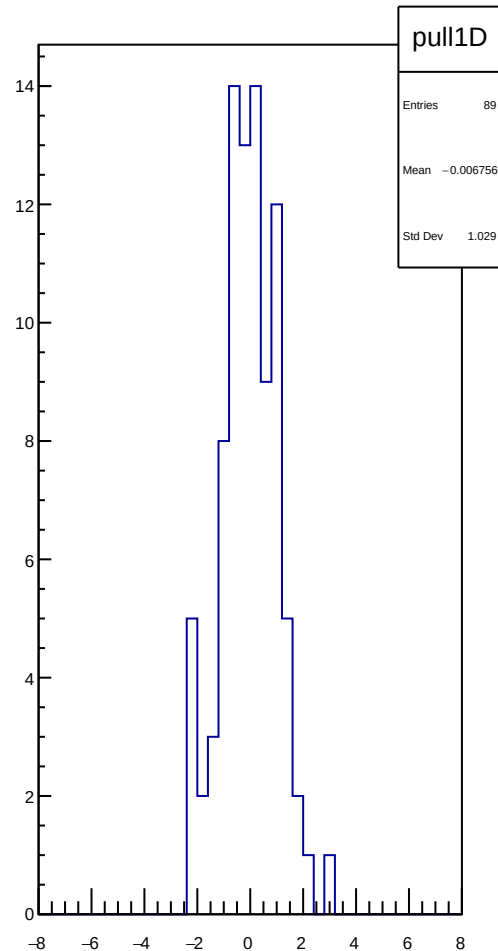
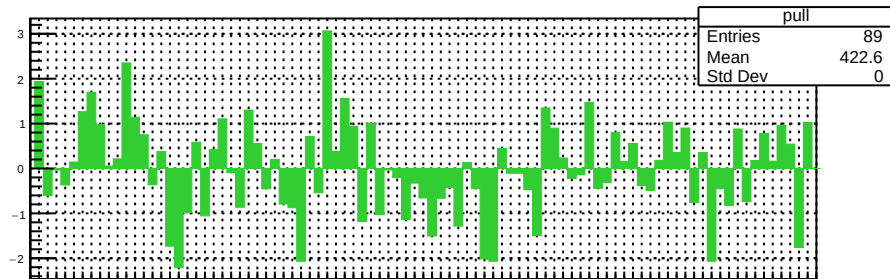
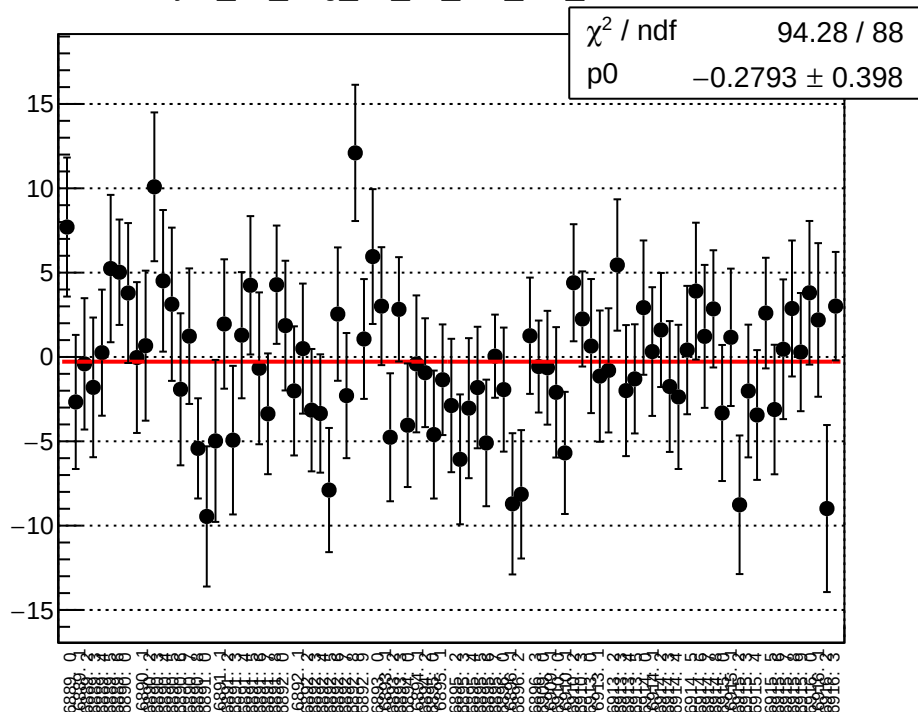
asym_atl_avg_reg_vs_cor_diff_mean vs run



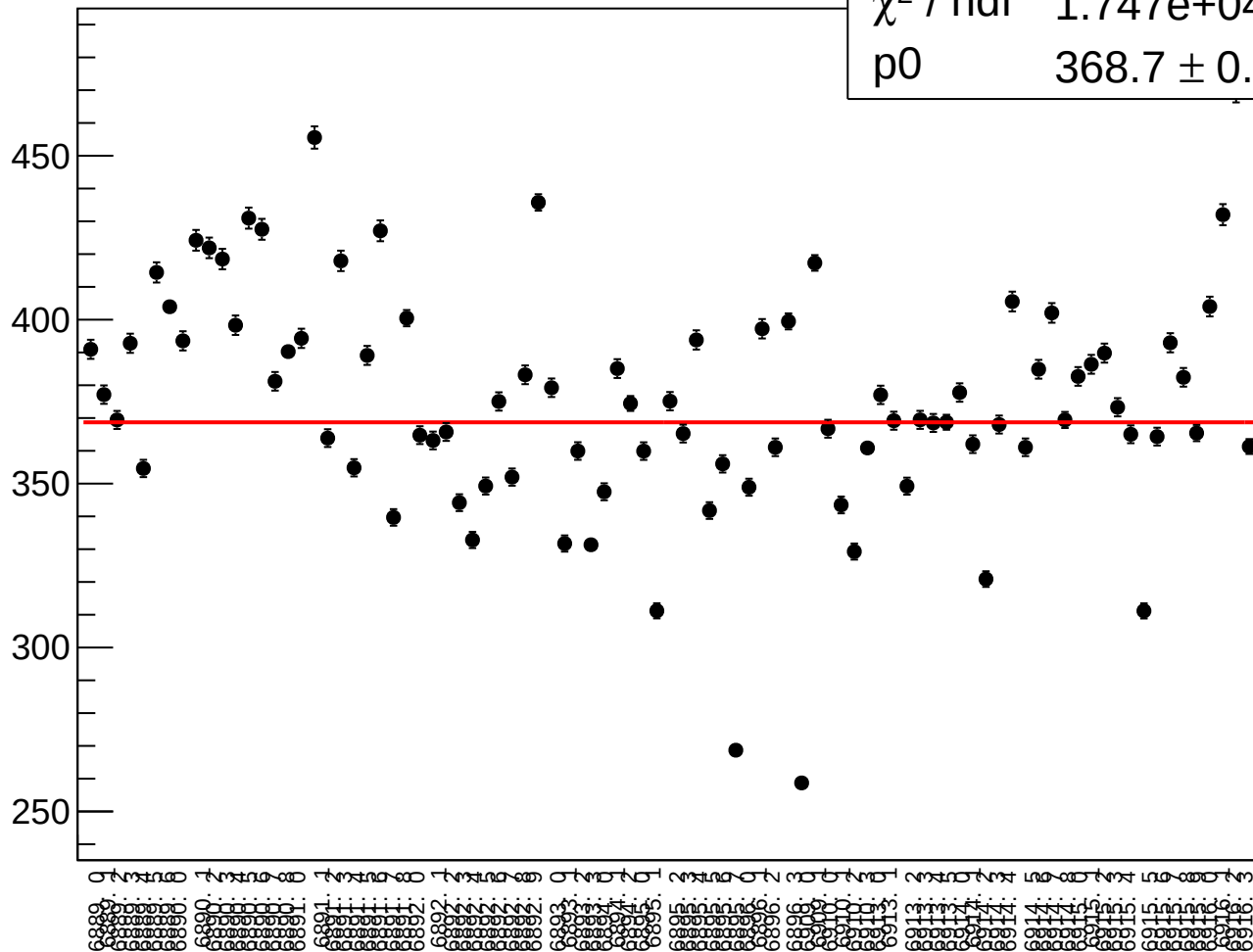
asym_atl_avg_reg_vs_cor_diff_rms vs run



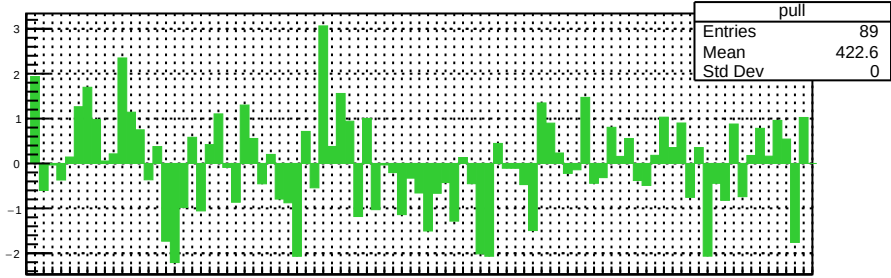
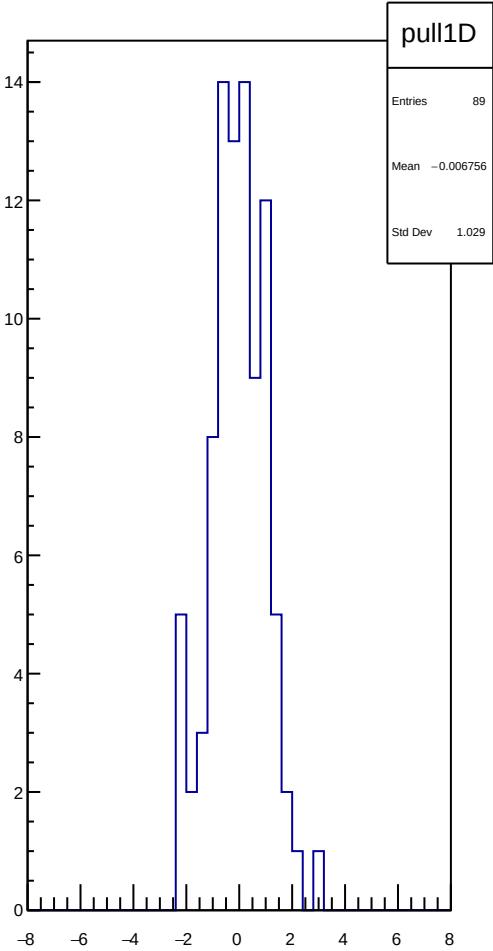
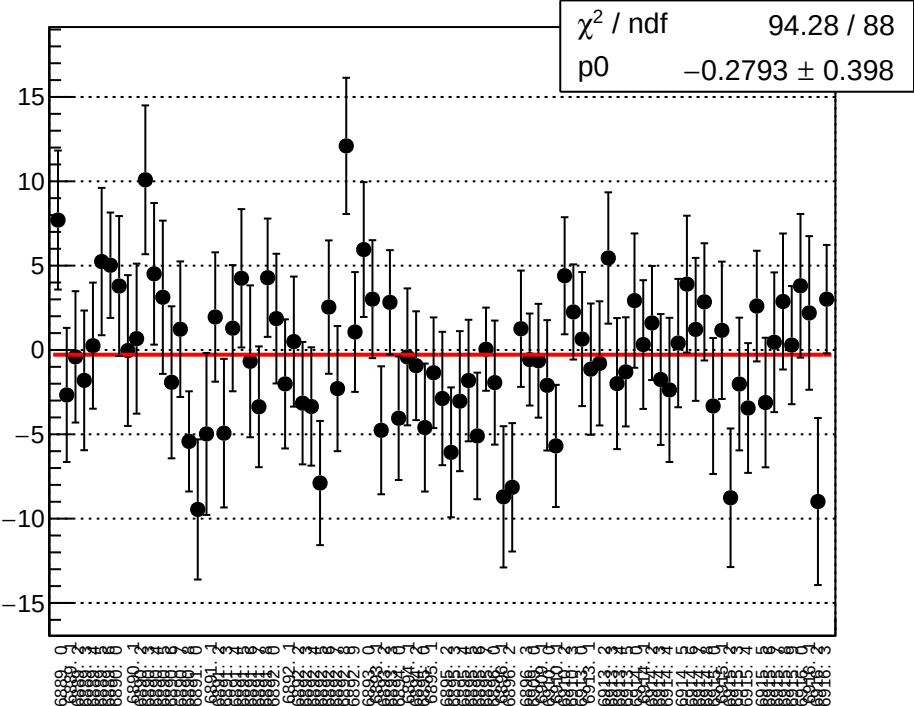
asym_atl_avg_dit_vs_cor_diff_mean vs run



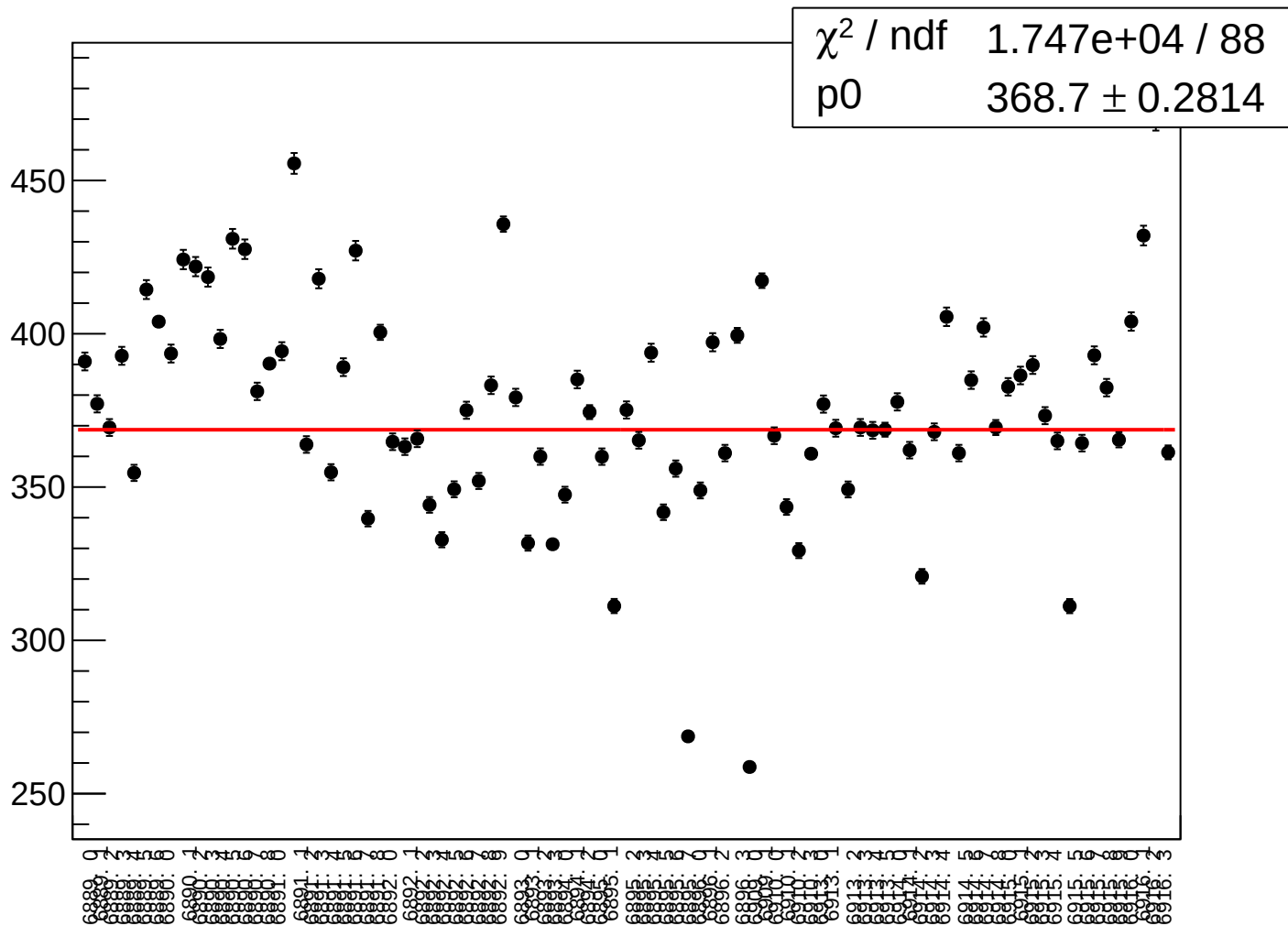
χ^2 / ndf	1.747e+04 / 88
p0	368.7 ± 0.2814



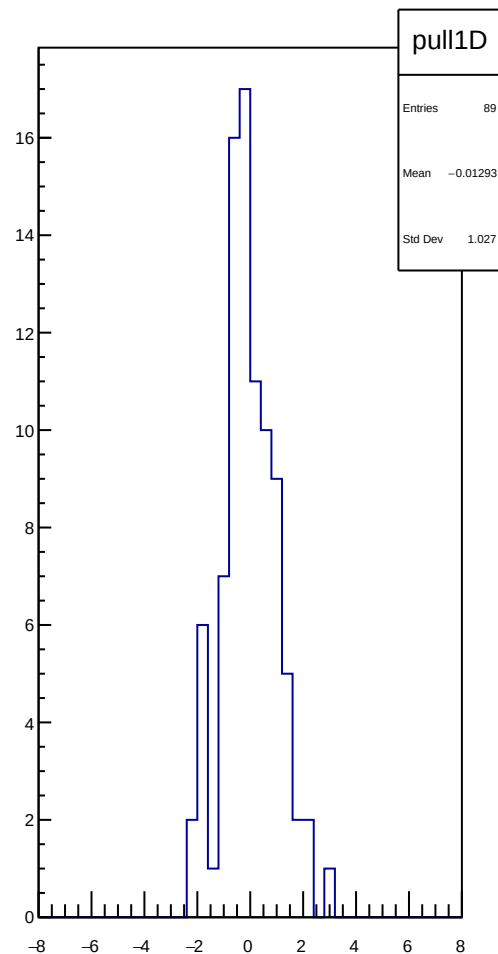
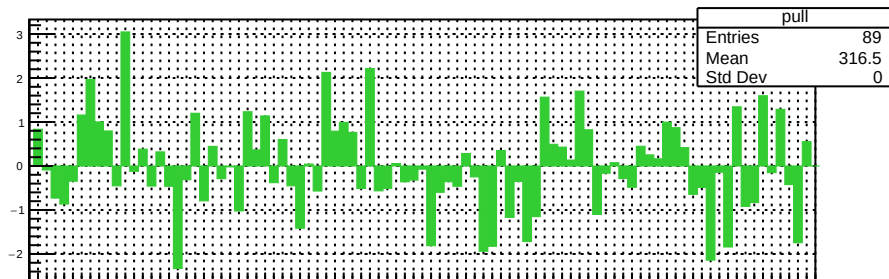
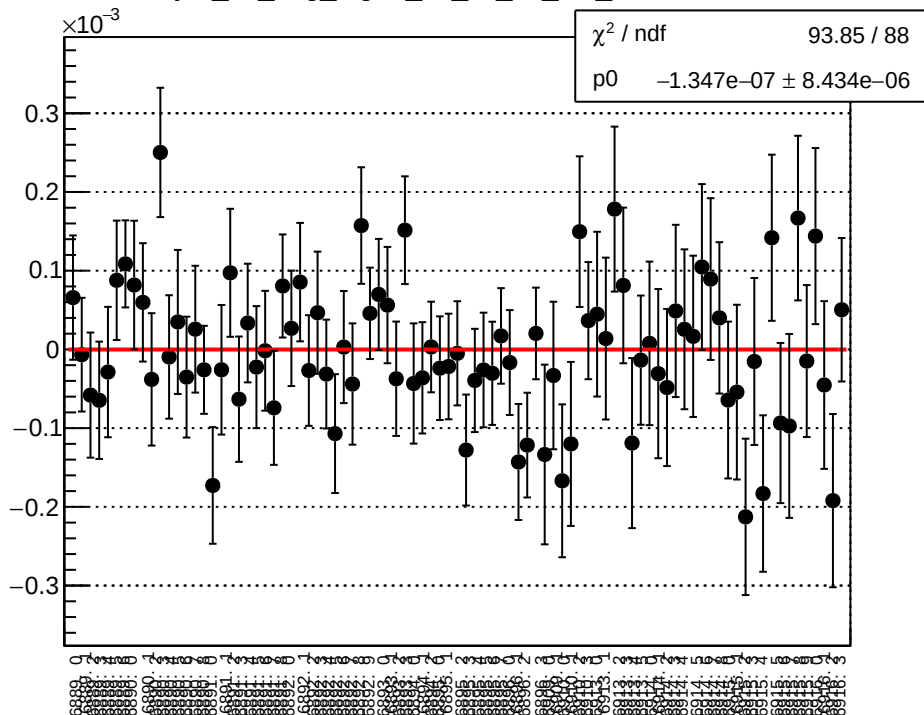
asym_atl_avg_dit_vs_eigen_cor_diff_mean vs run



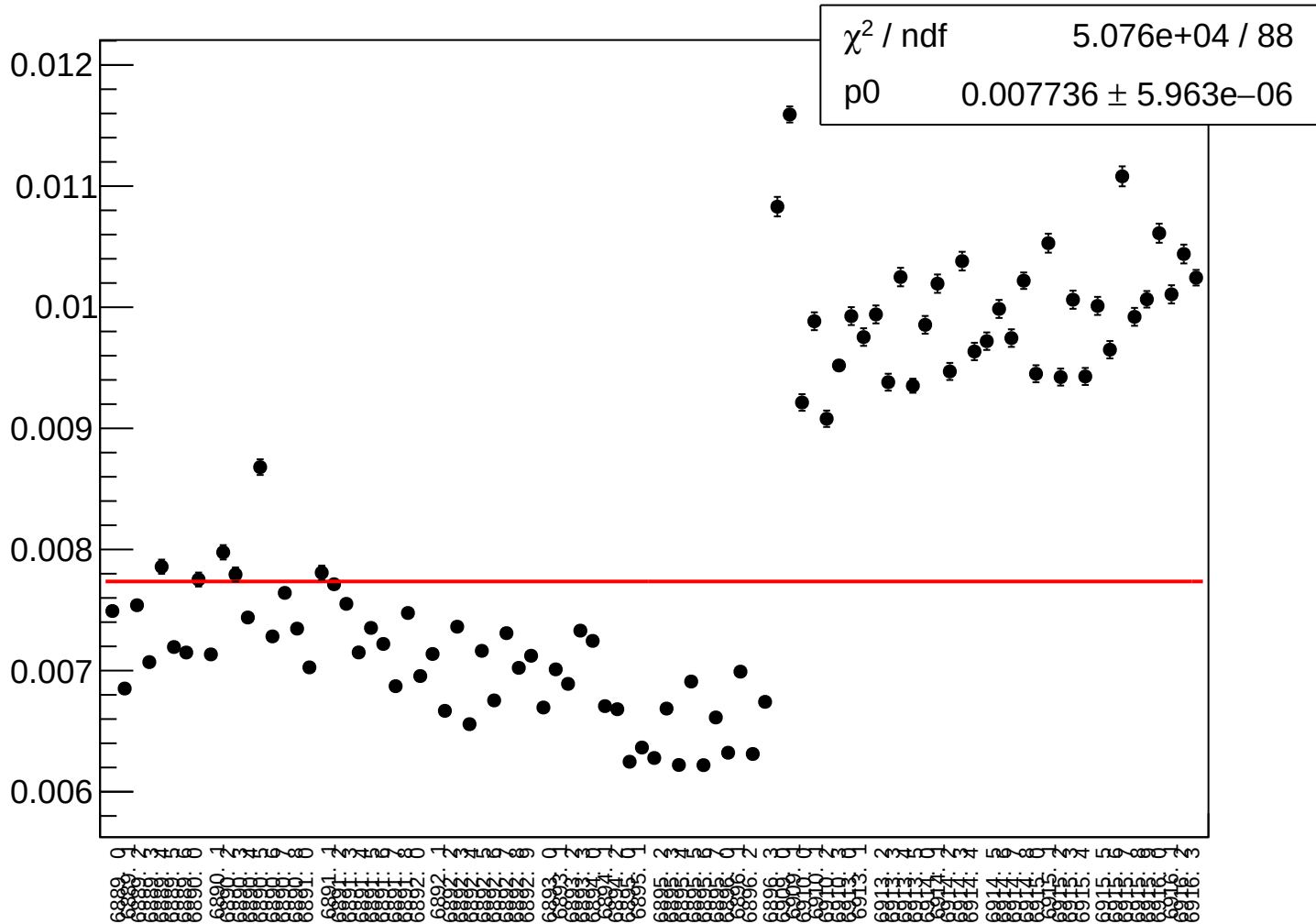
asym_atl_avg_dit_vs_eigen_cor_diff_rms vs run



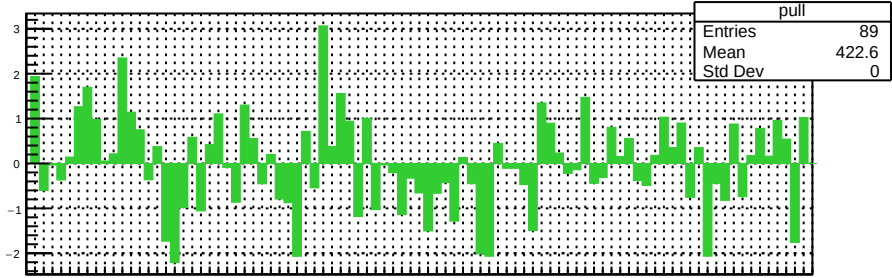
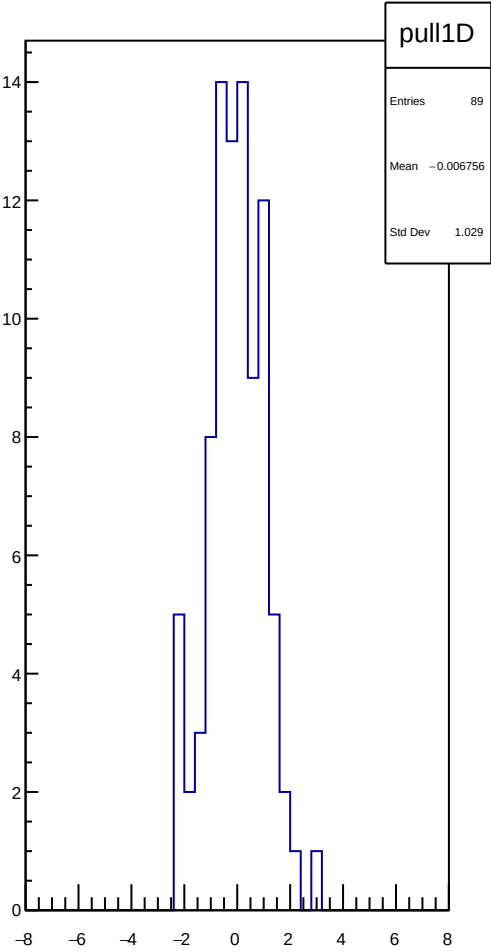
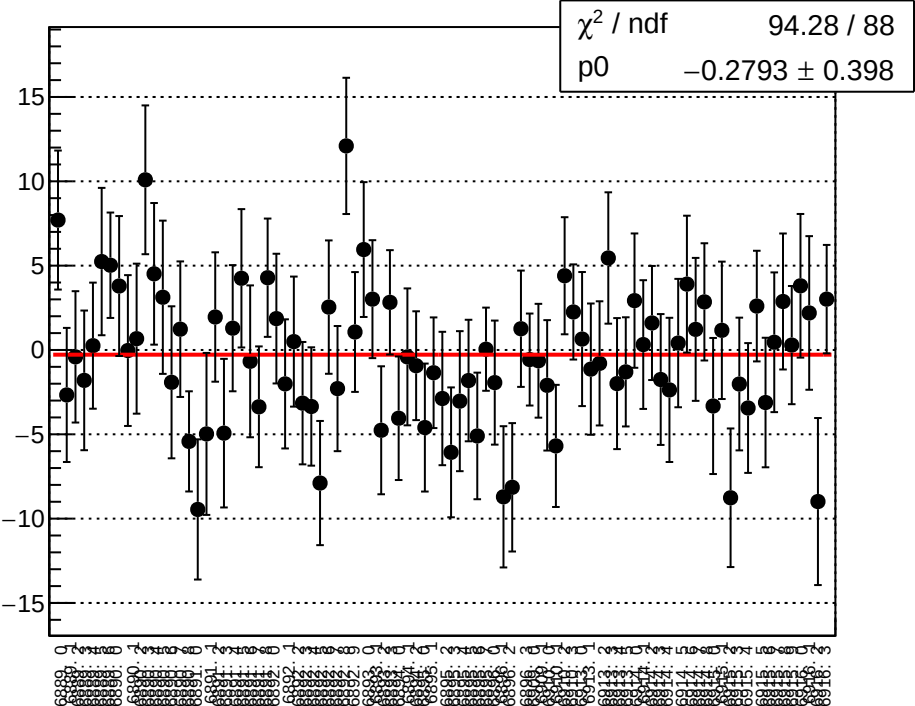
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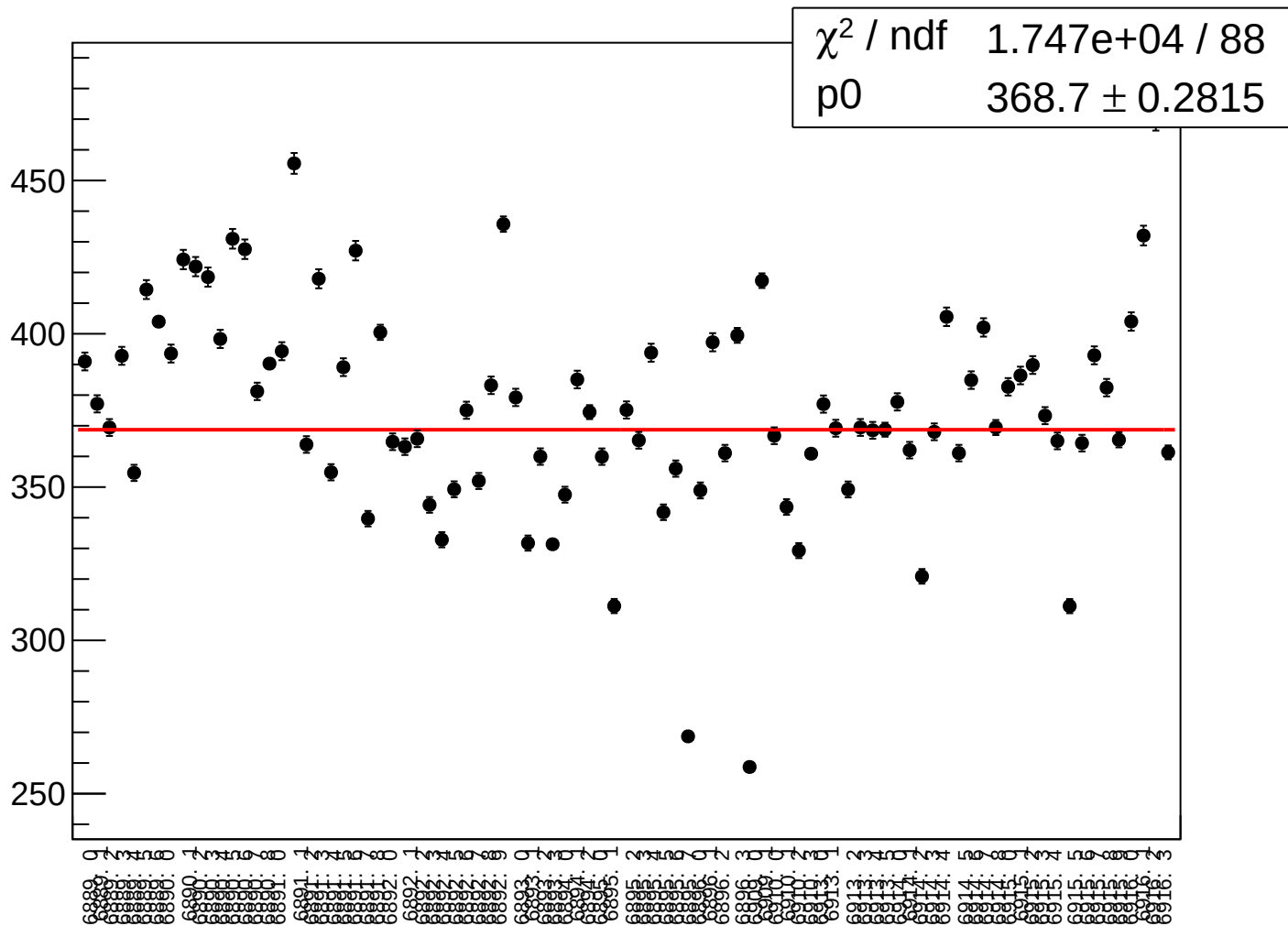
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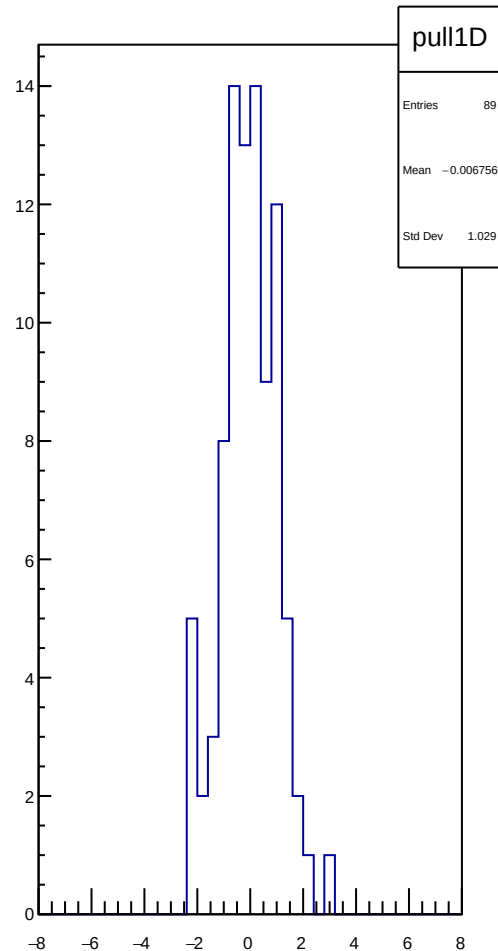
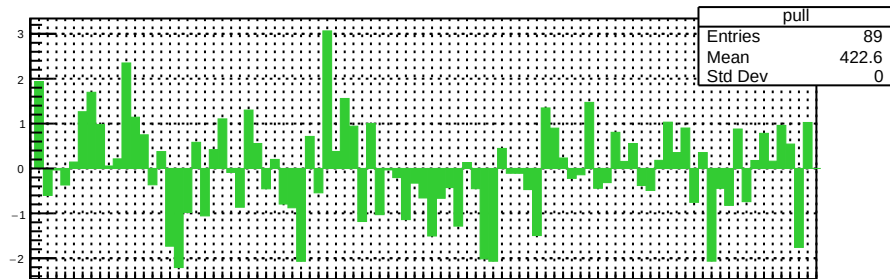
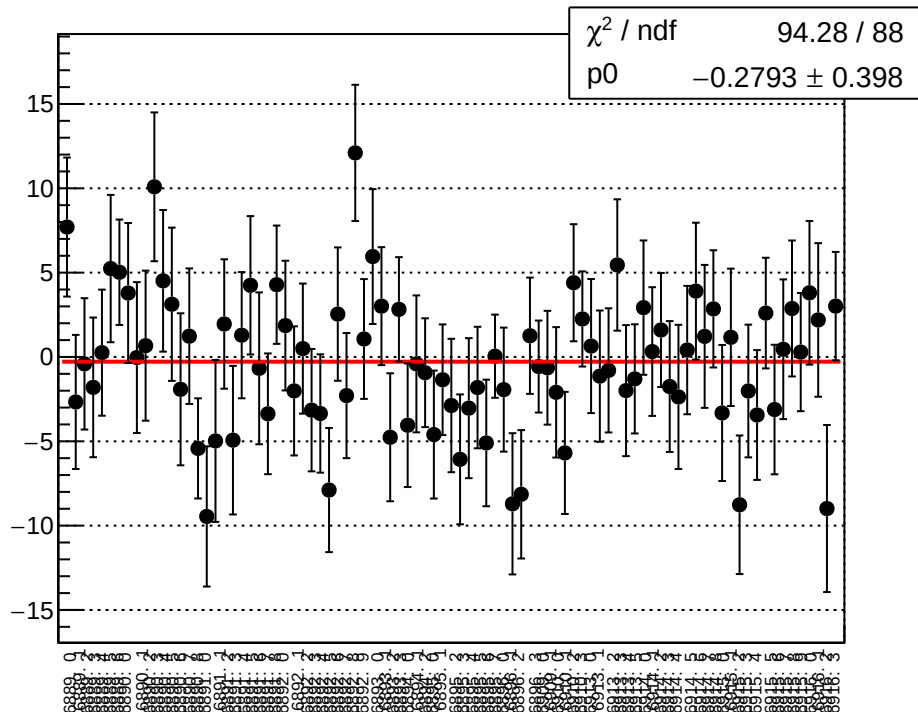
asym_atl_avg_eigen_dit_vs_cor_diff_mean vs run



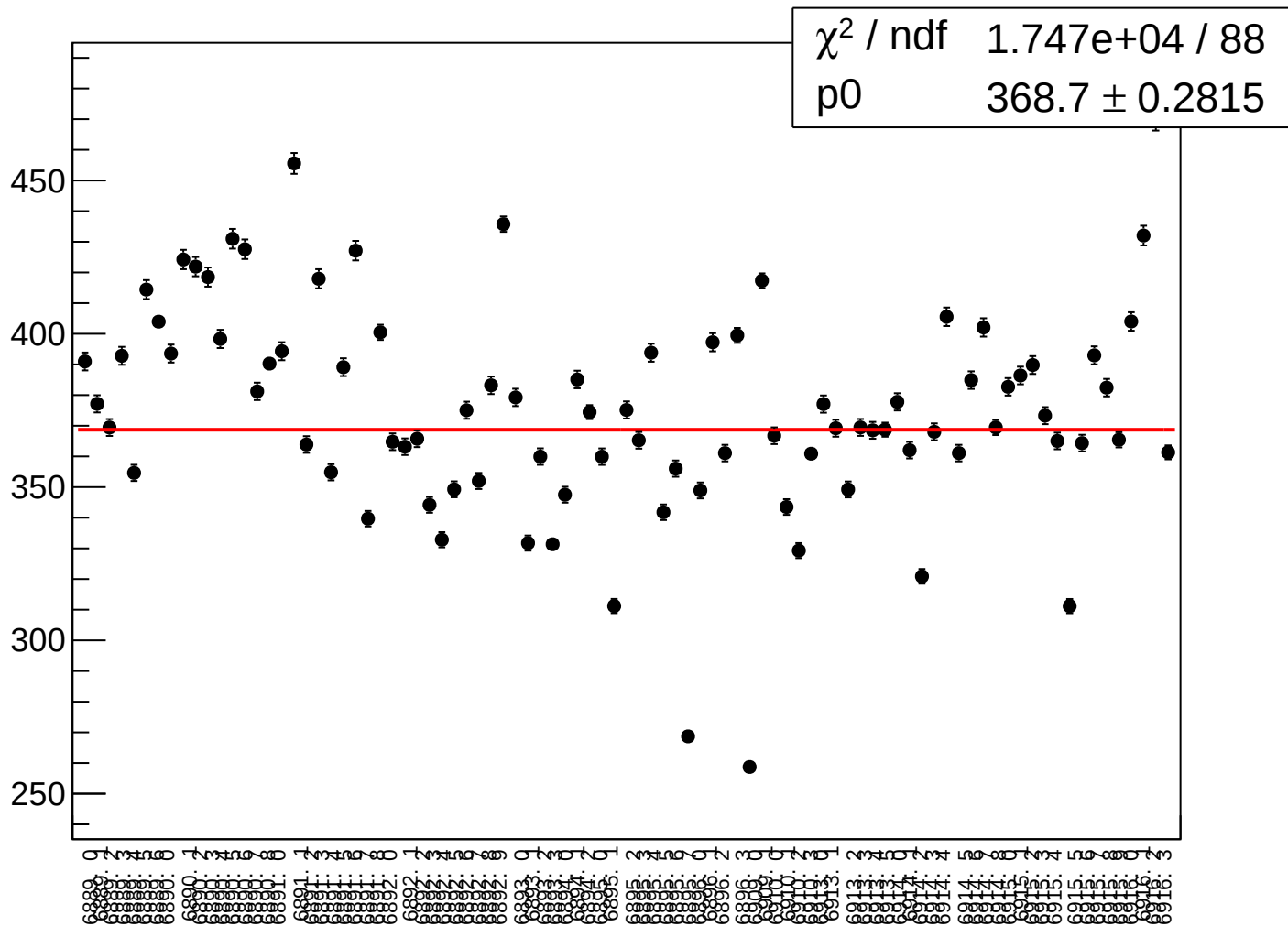
asym_atl_avg_eigen_dit_vs_cor_diff_rms vs run



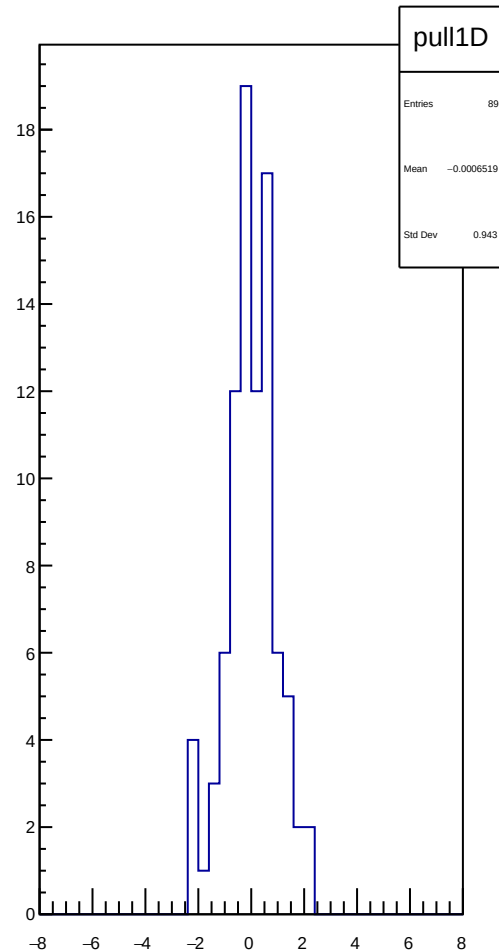
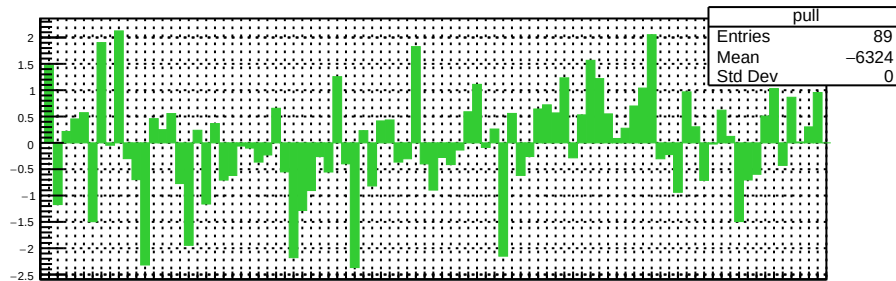
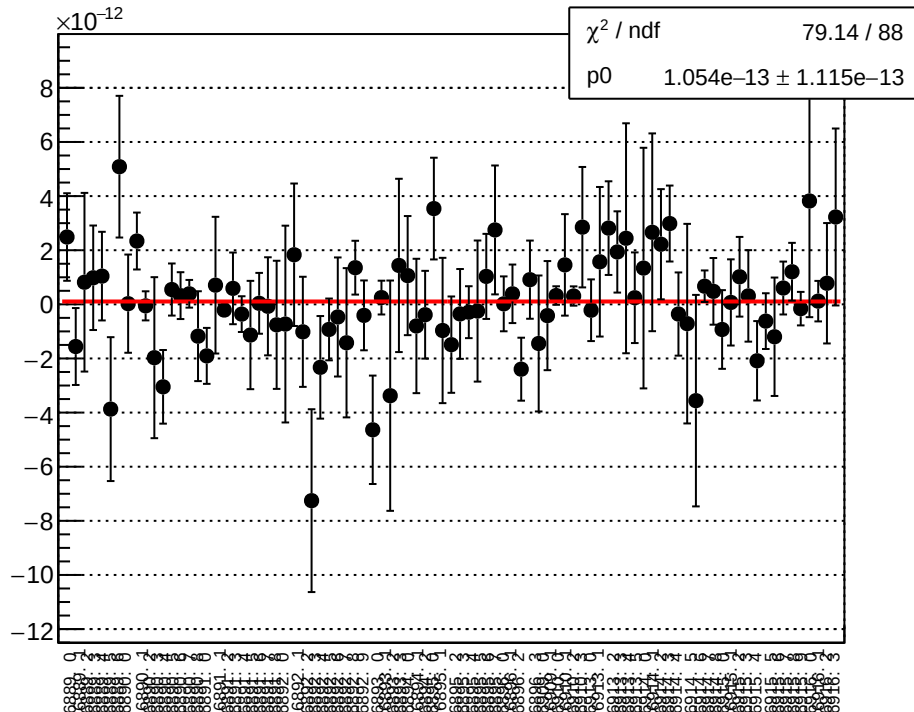
asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs run



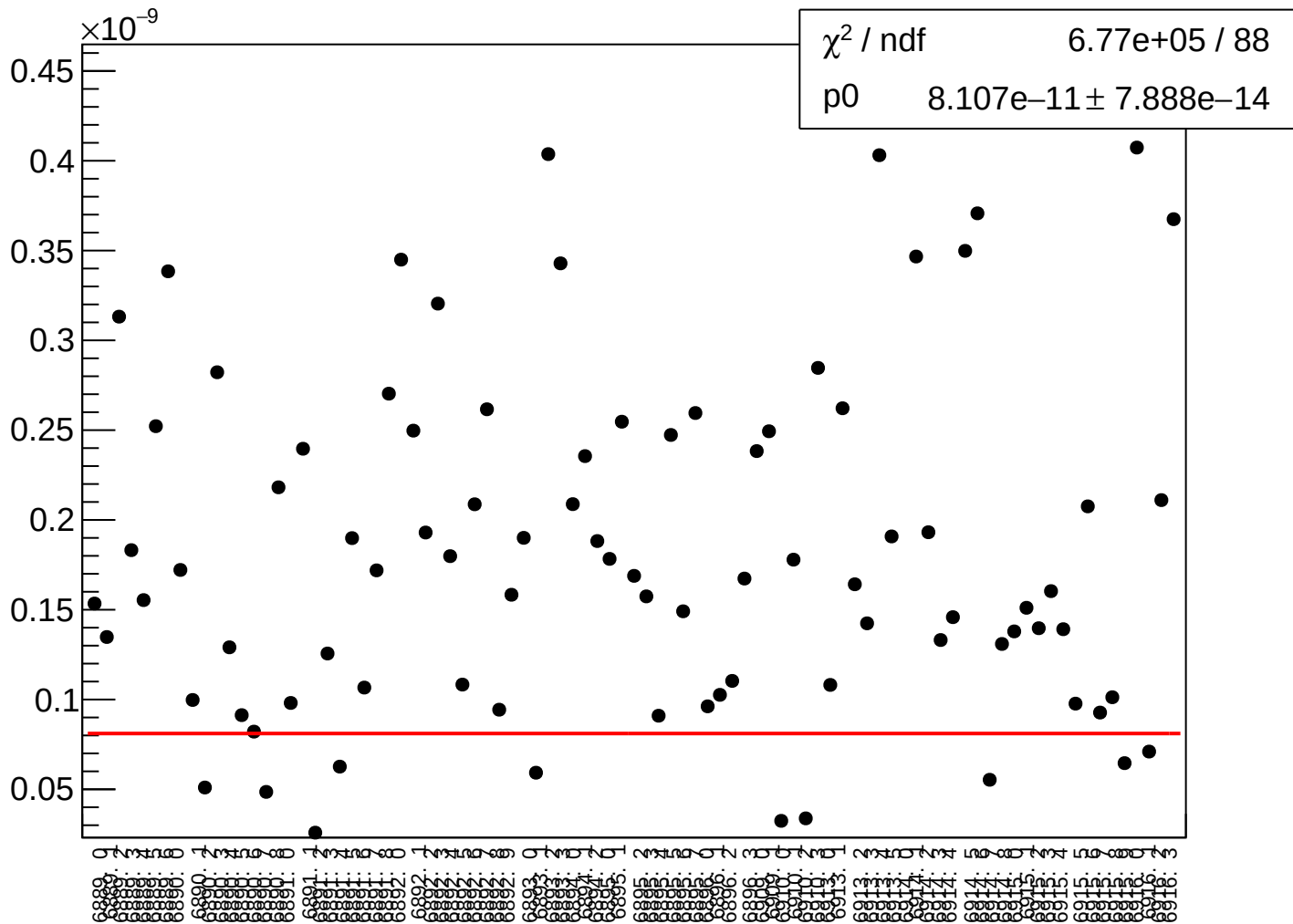
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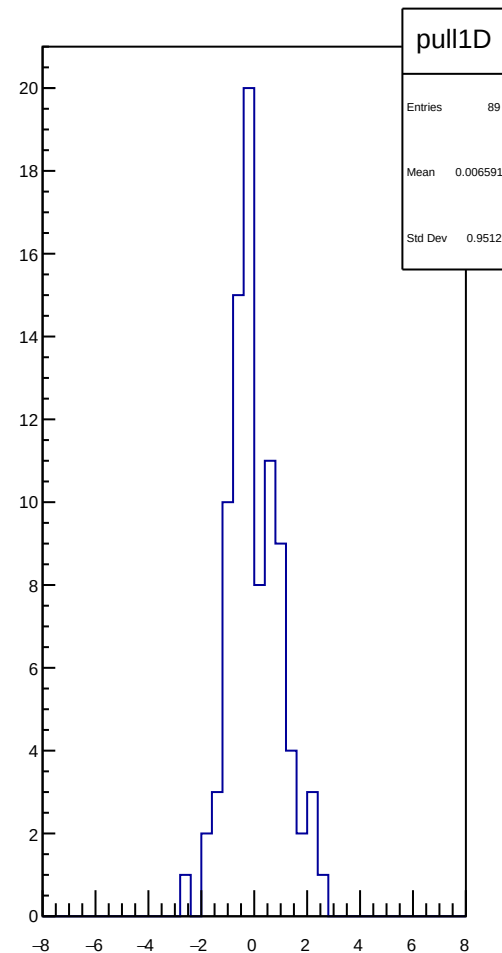
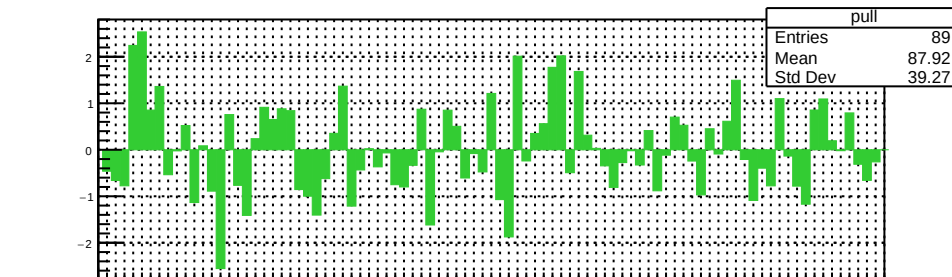
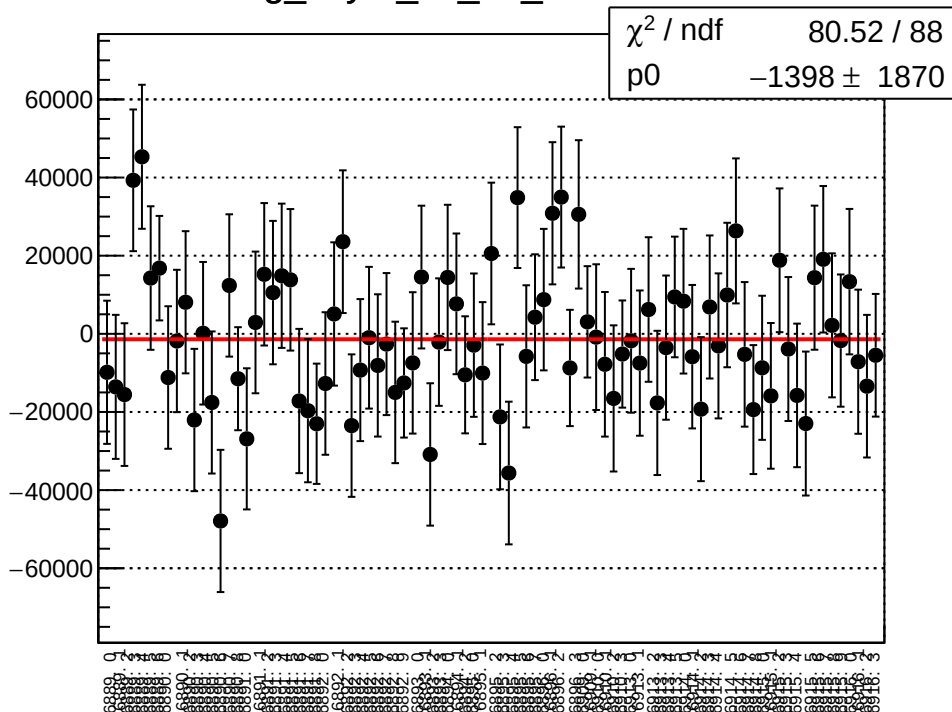
asym_atl_avg_eigen_cor_vs_cor_diff_mean vs run



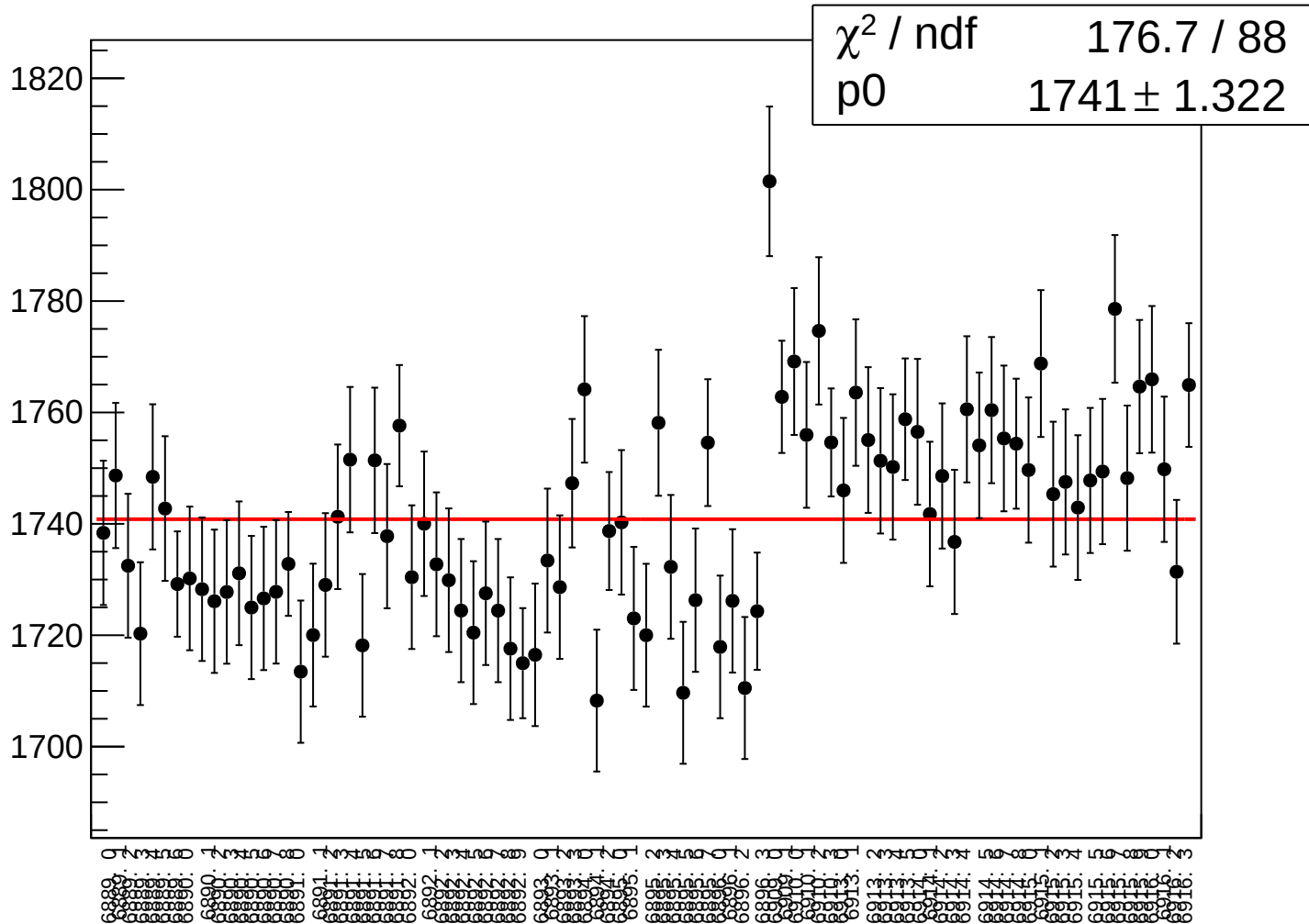
asym_atl_avg_eigen_cor_vs_cor_diff_rms vs run



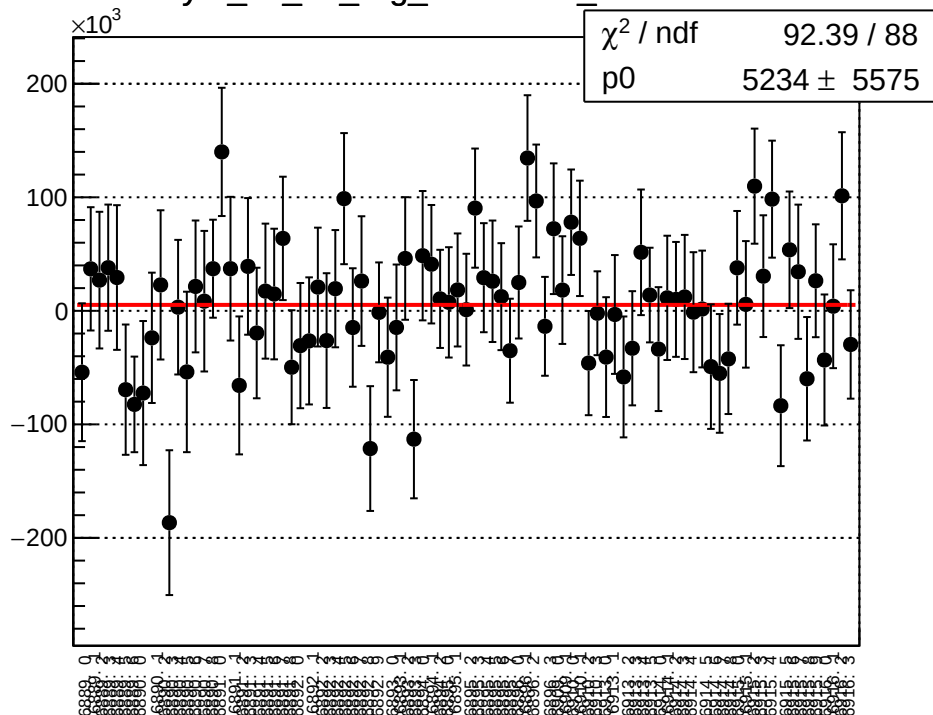
reg_asym_atl_dd_mean vs run



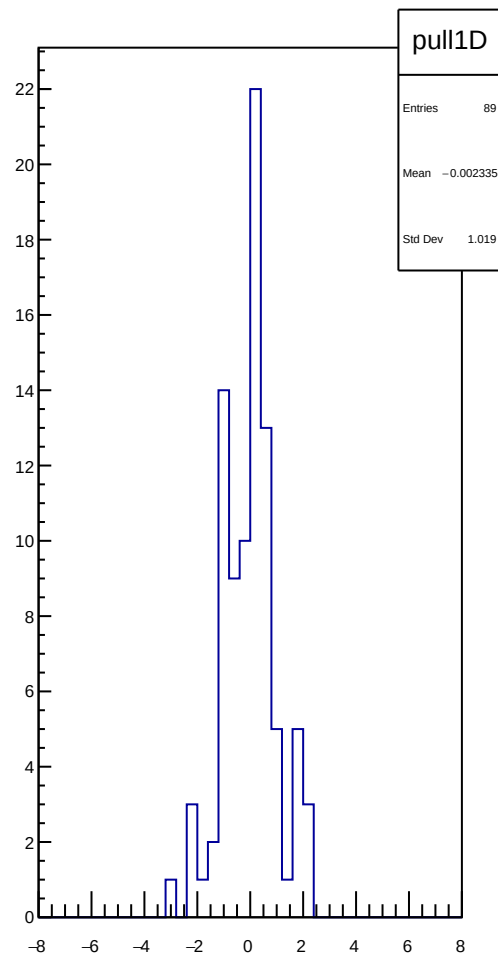
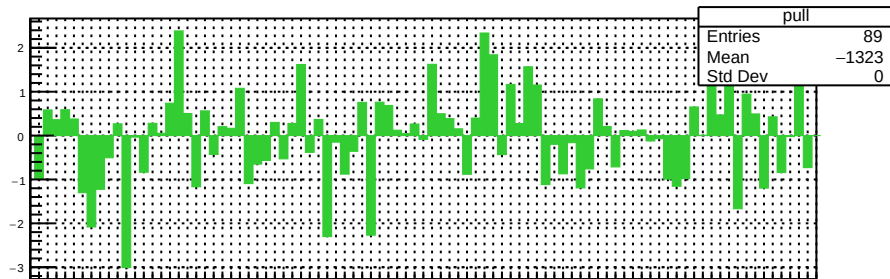
reg_asym_atl_dd_rms vs run



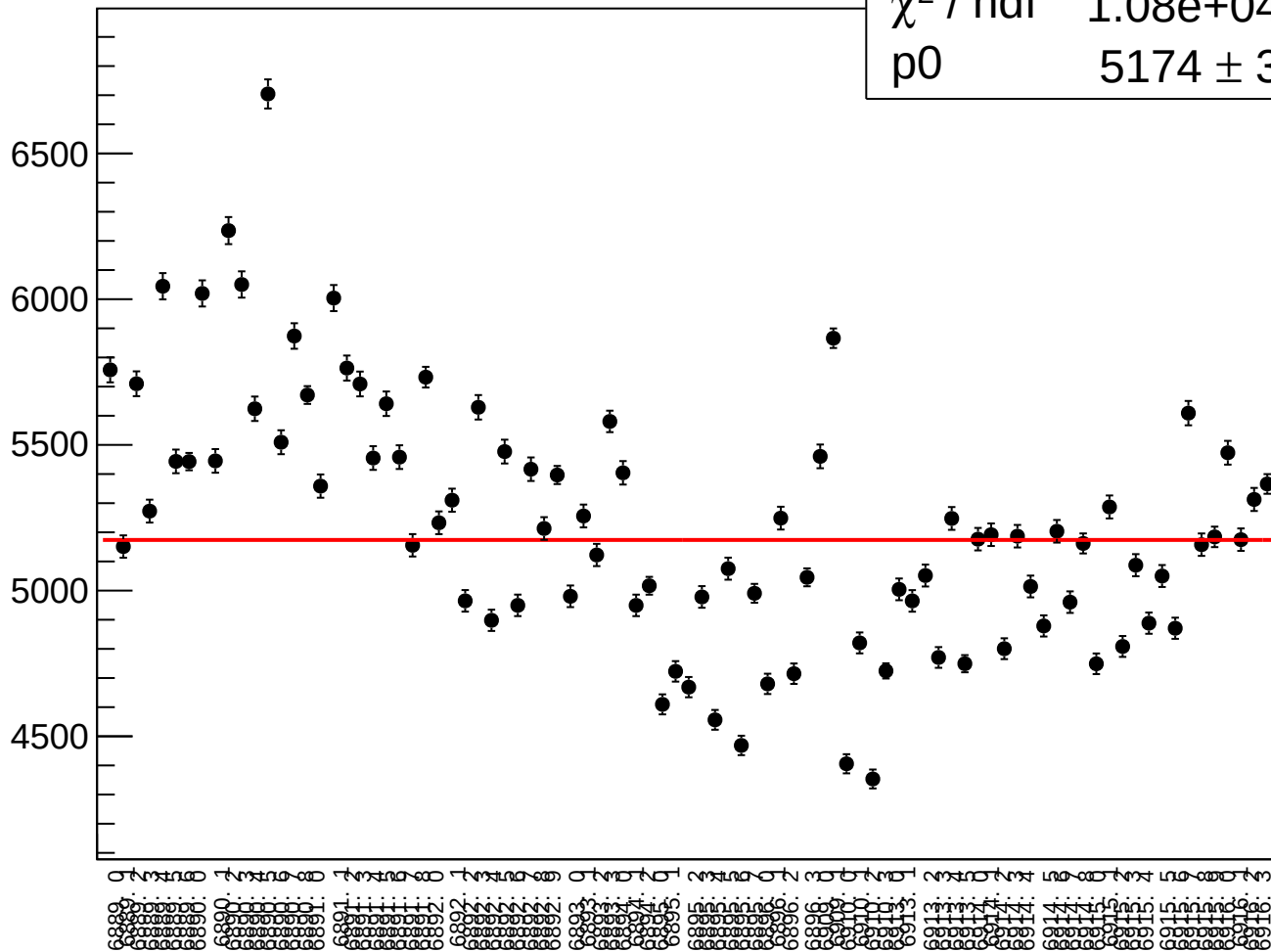
asym_atl_dd_reg_correction_mean vs run



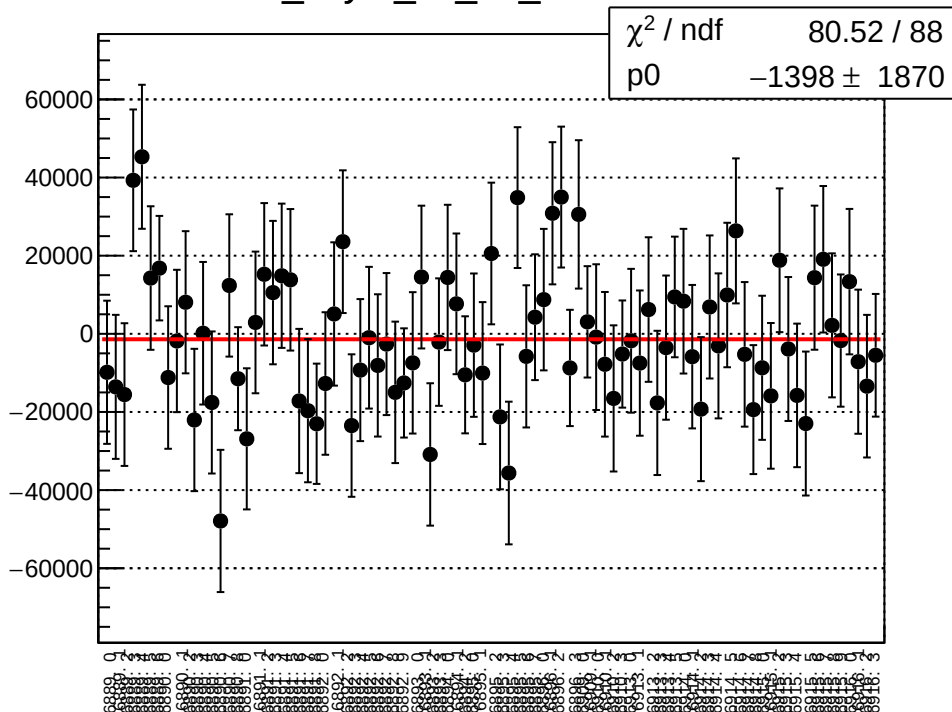
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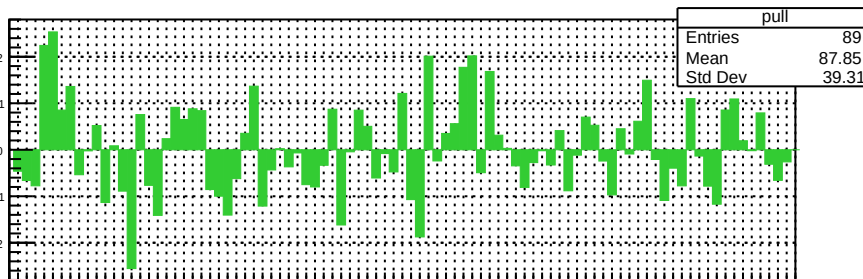
χ^2 / ndf	1.08e+04 / 88
p0	5174 ± 3.942



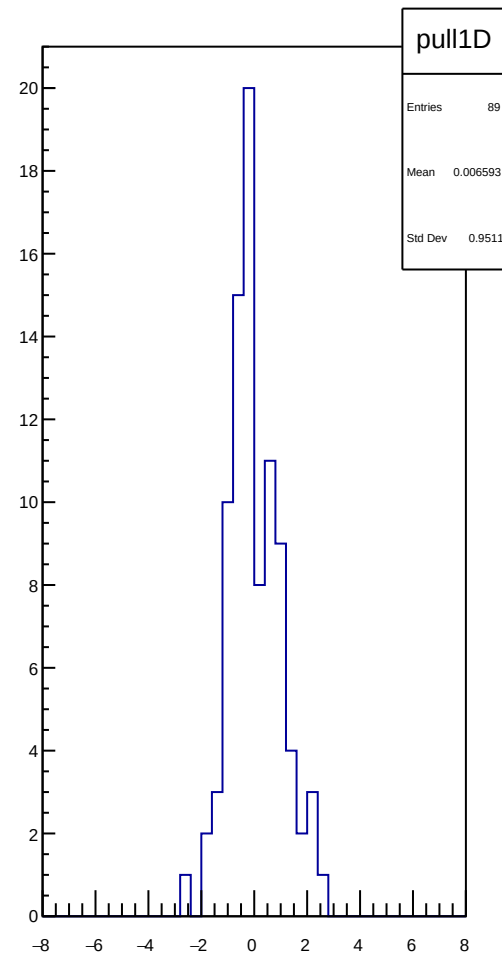
cor_asym_atl_dd_mean vs run



Correlation asymmetry $\text{cor_asym_atl_dd_mean}$ versus run. The plot shows data points with error bars and a red fit line. The statistics box indicates $\chi^2 / \text{ndf} = 80.52 / 88$ and $p0 = -1398 \pm 1870$.

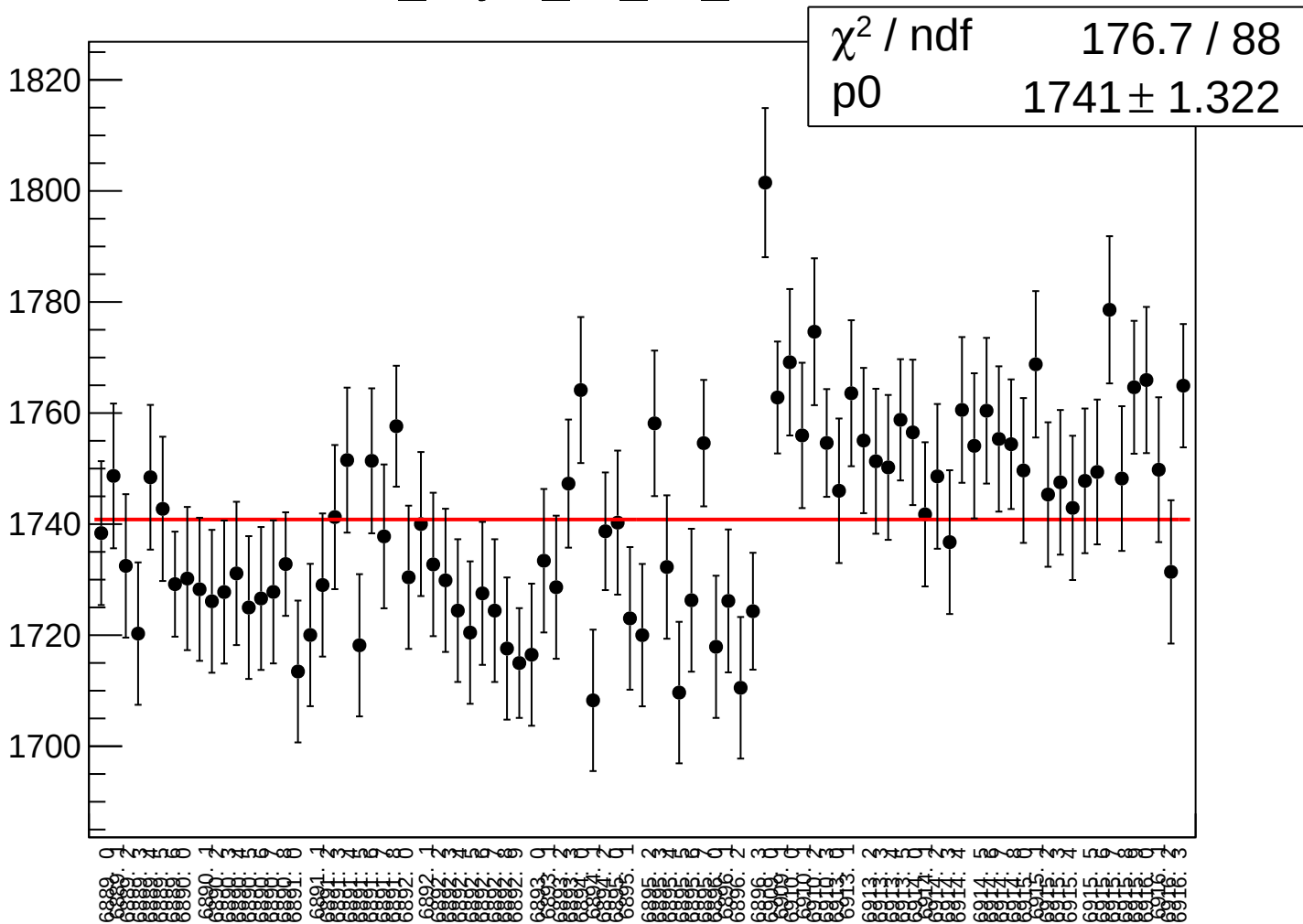


pull
Entries 89
Mean 87.85
Std Dev 39.31

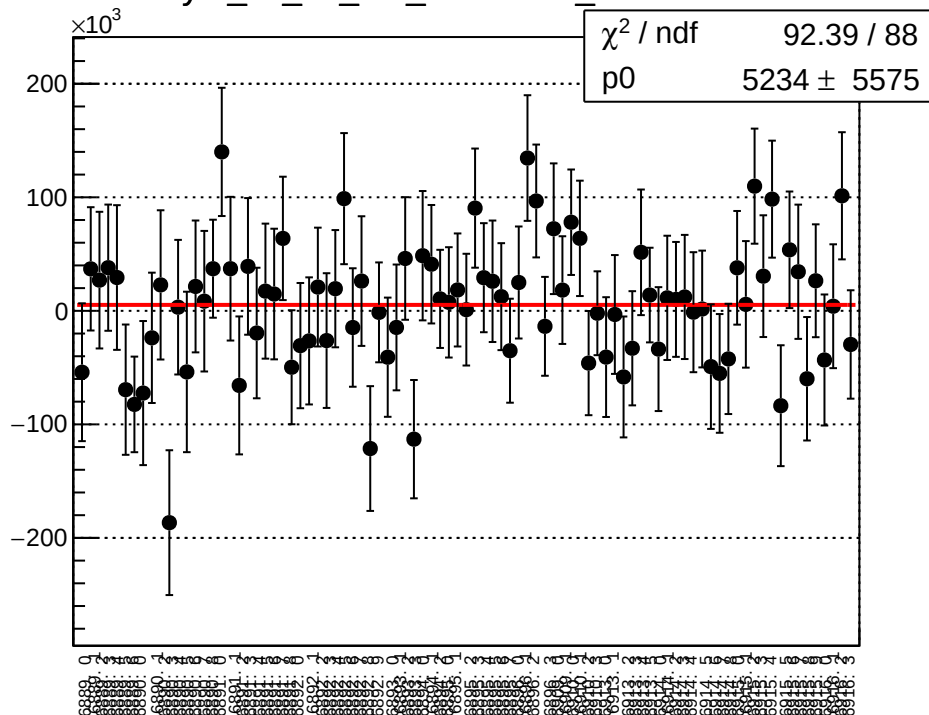


pull1D
Entries 89
Mean 0.006593
Std Dev 0.9511

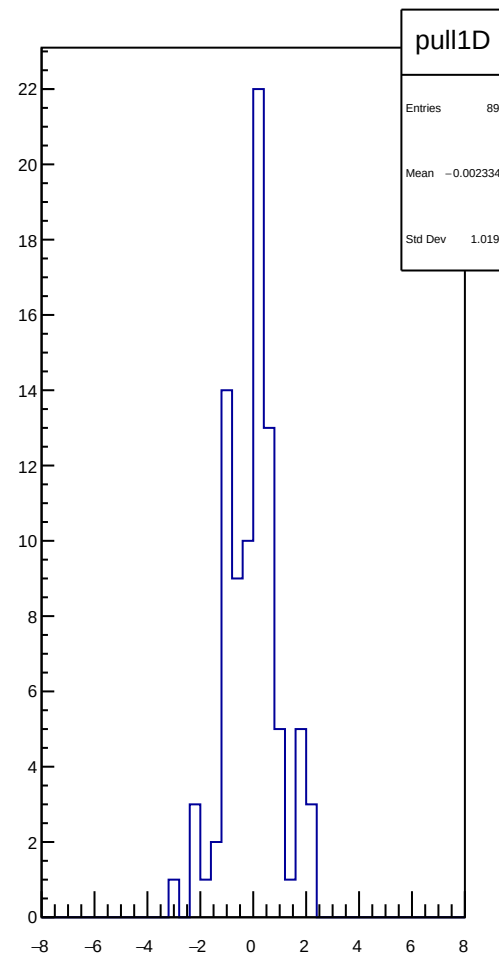
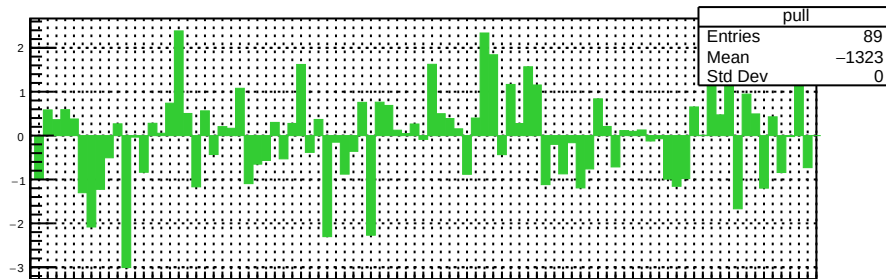
cor_asym_atl_dd_rms vs run



asym_atl_dd_cor_correction_mean vs run

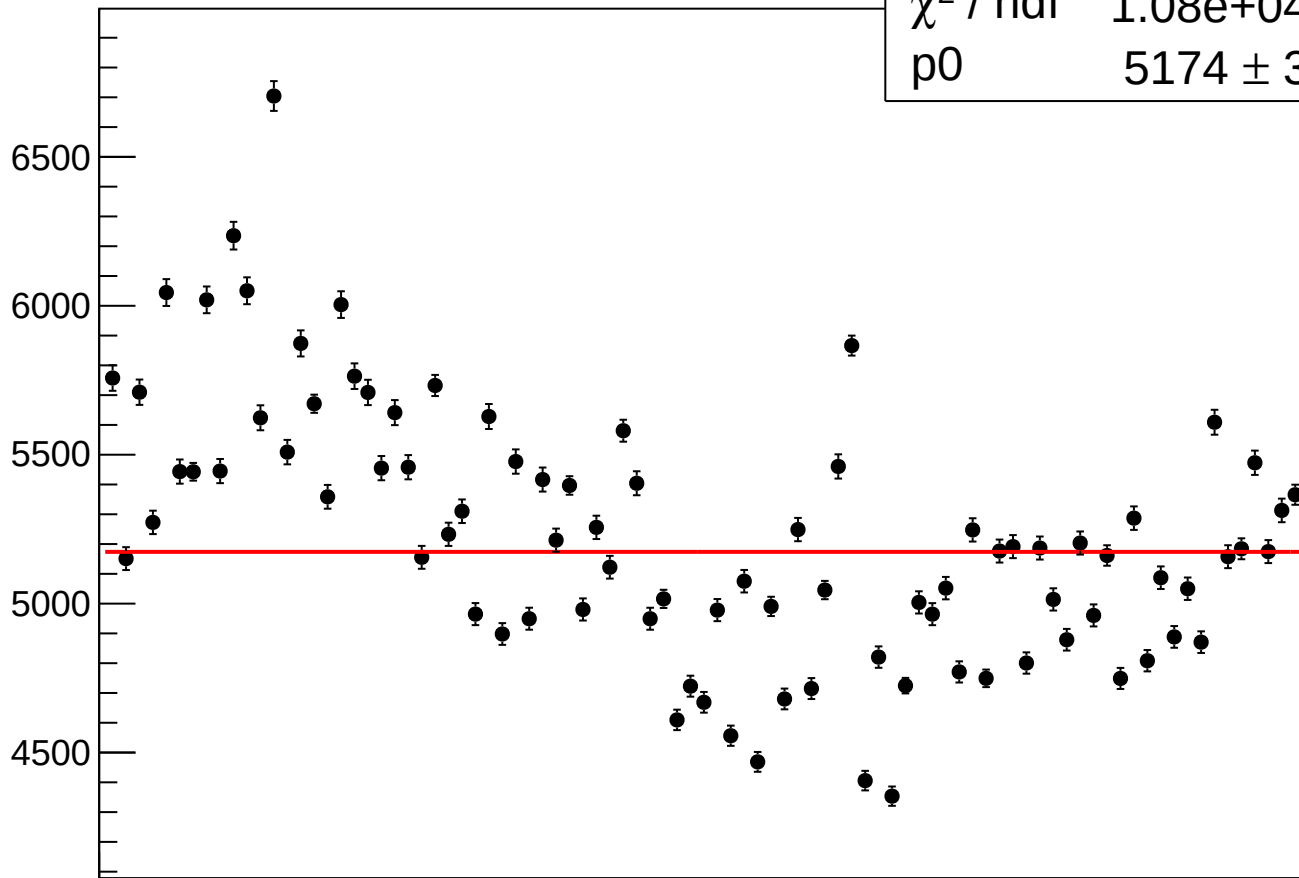


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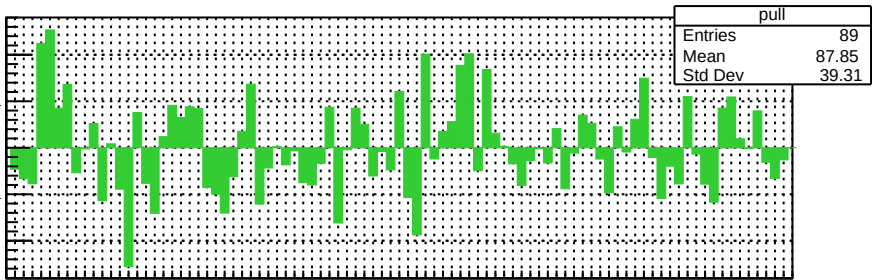
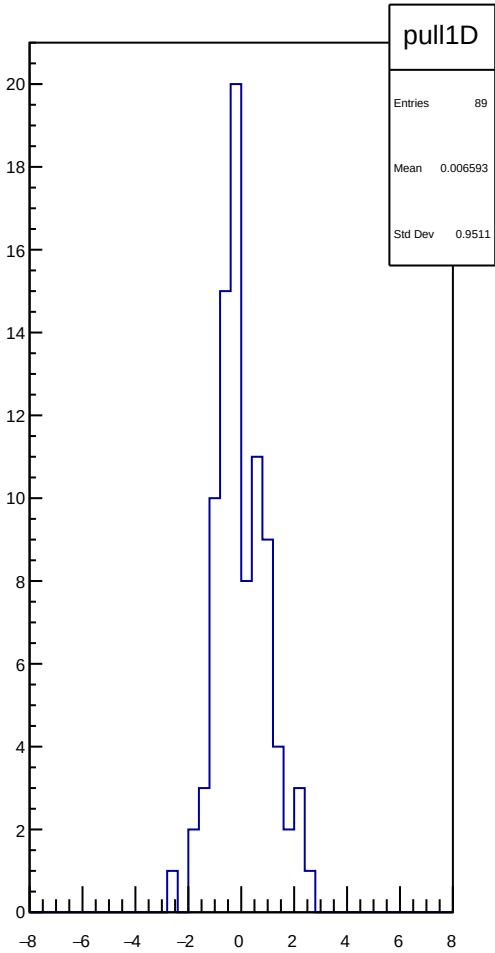
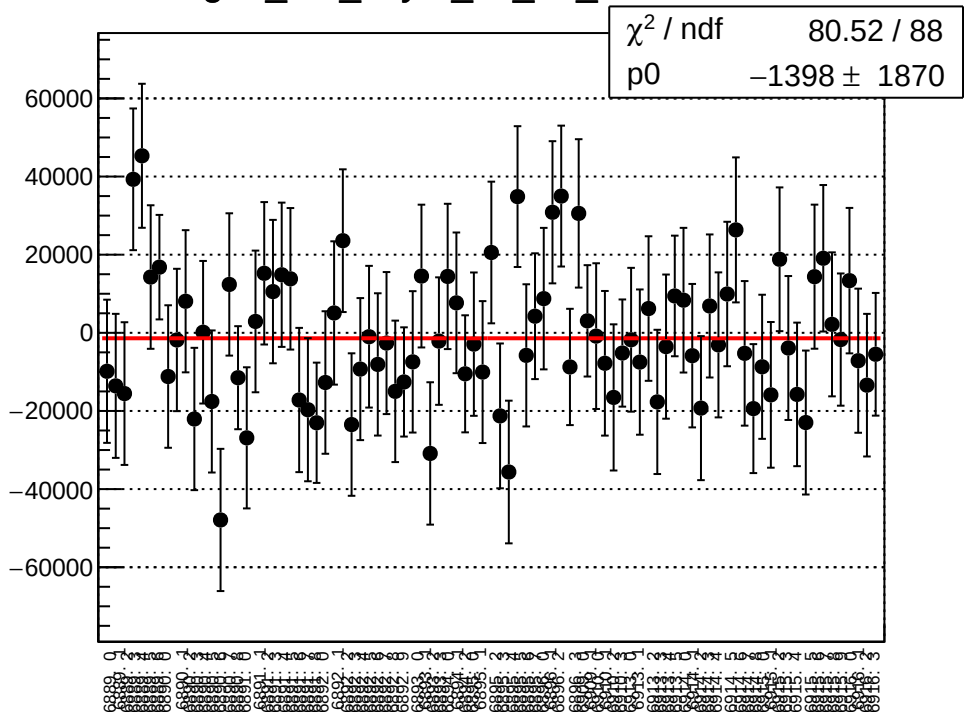
asym_atl_dd_cor_correction_rms vs run

χ^2 / ndf 1.08e+04 / 88
p0 5174 $\pm$ 3.942

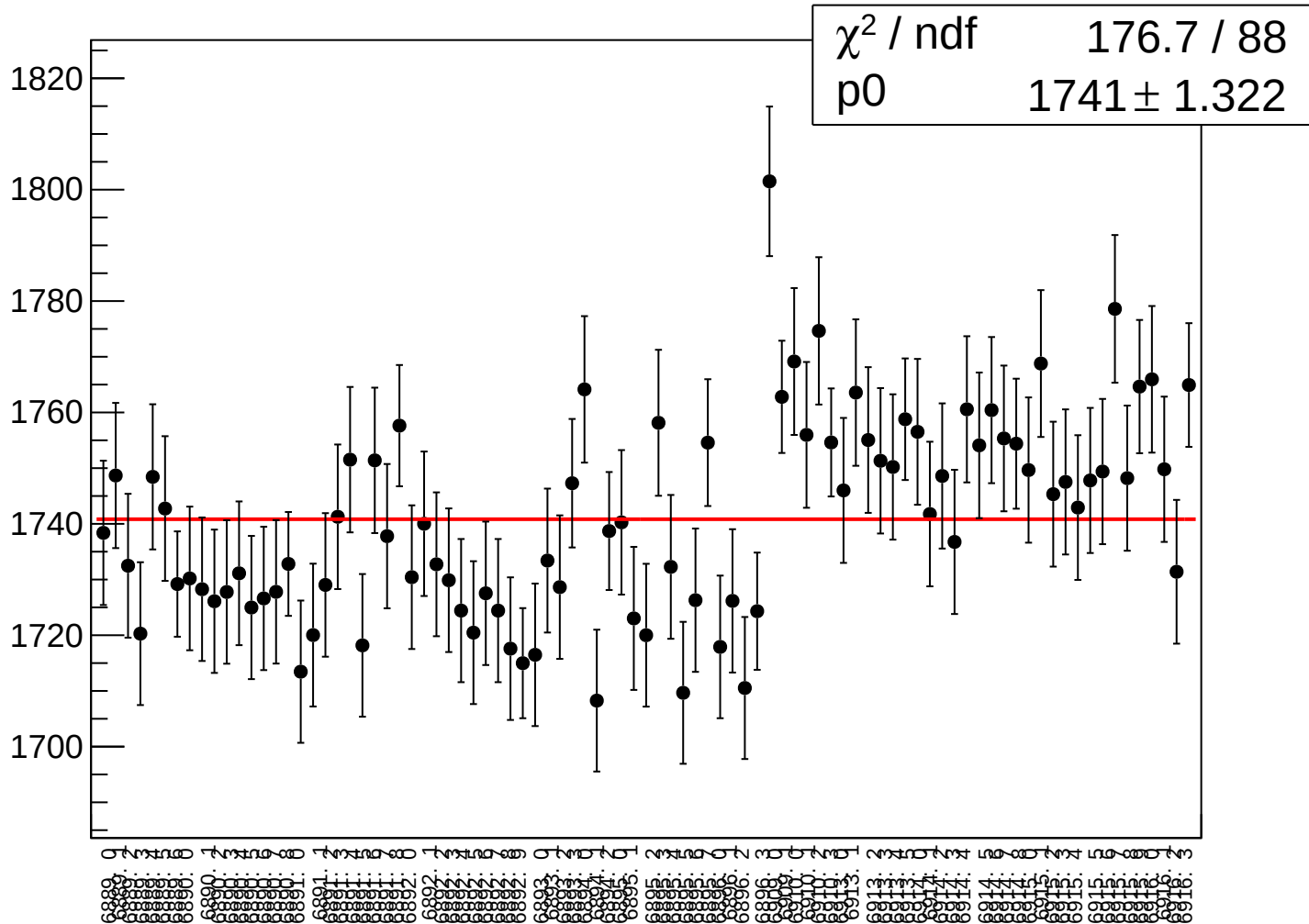


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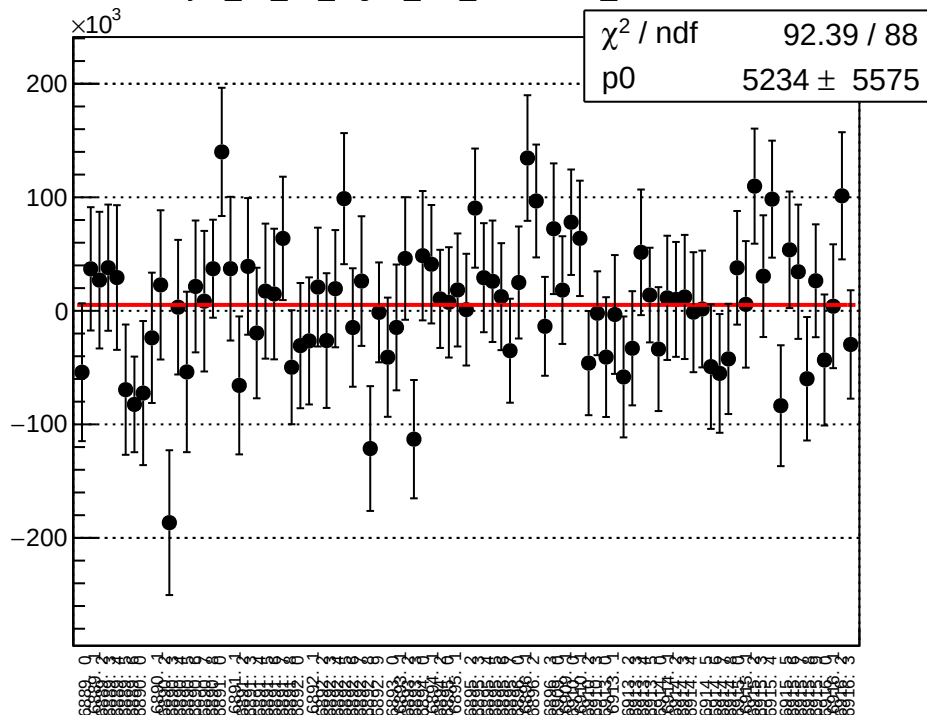
eigen_cor_asym_atl_dd_mean vs run



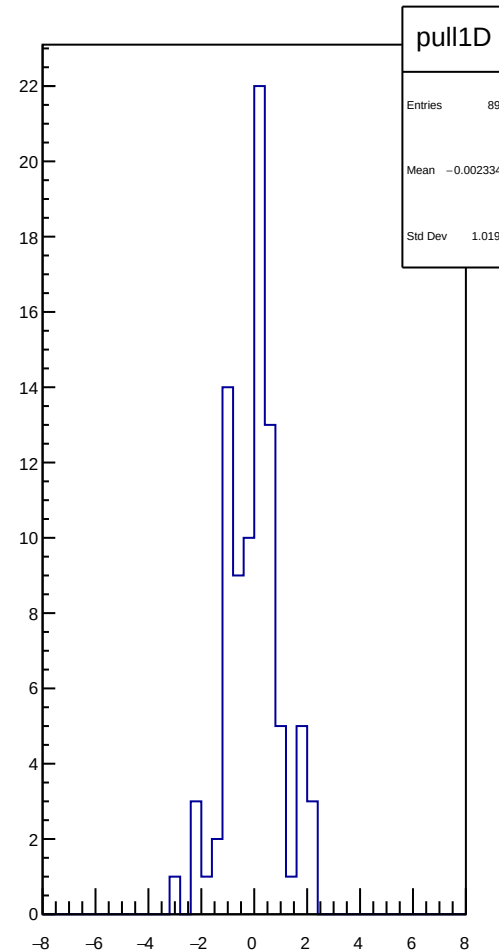
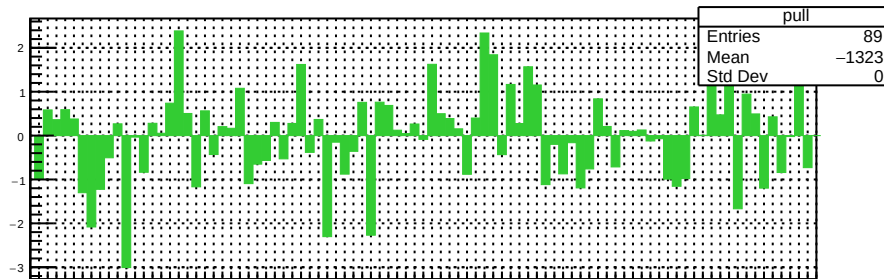
eigen_cor_asym_atl_dd_rms vs run



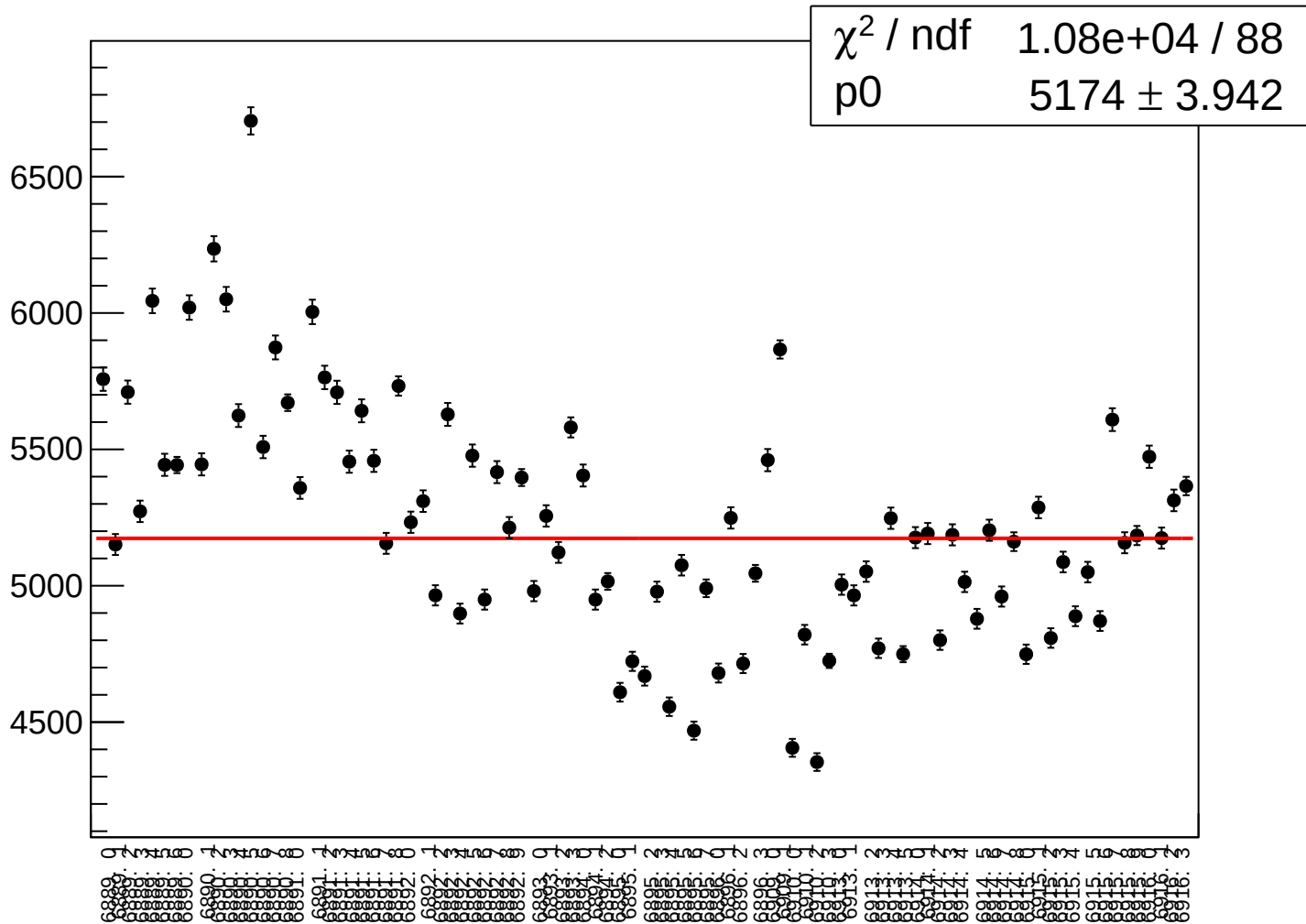
asym_atl_dd_eigen_cor_correction_mean vs run



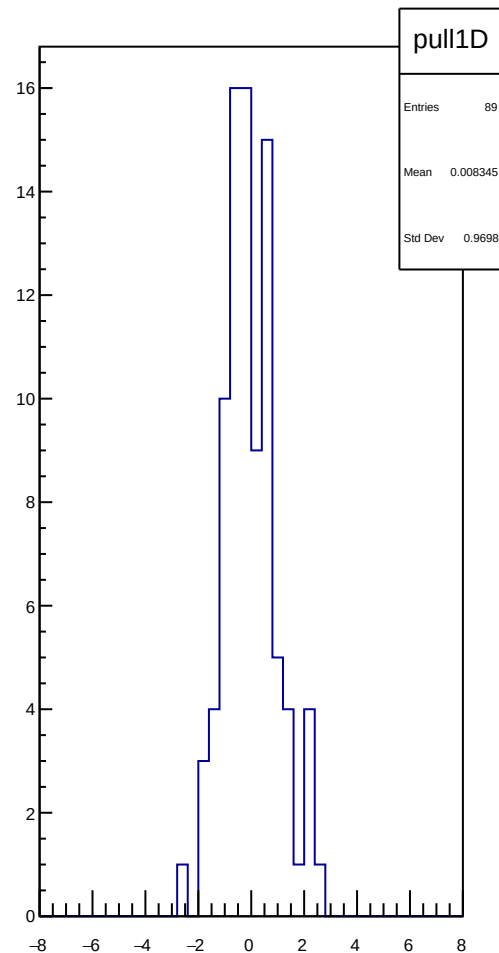
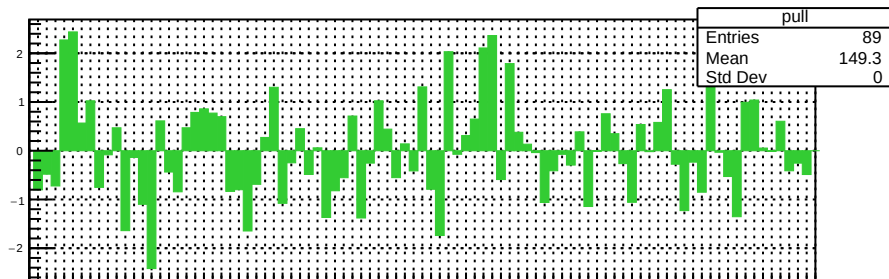
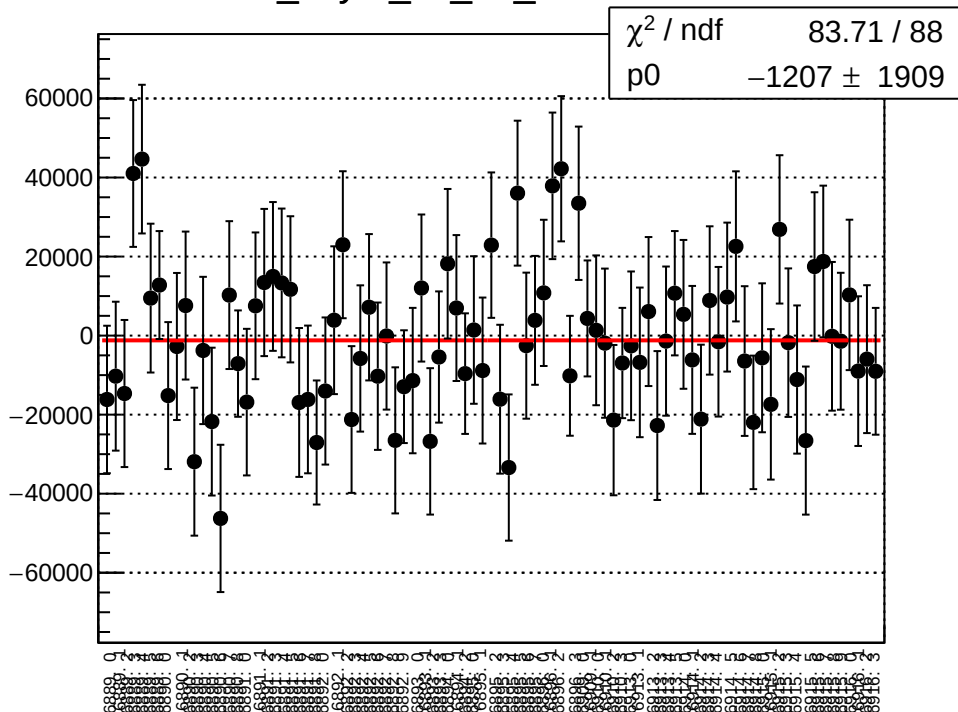
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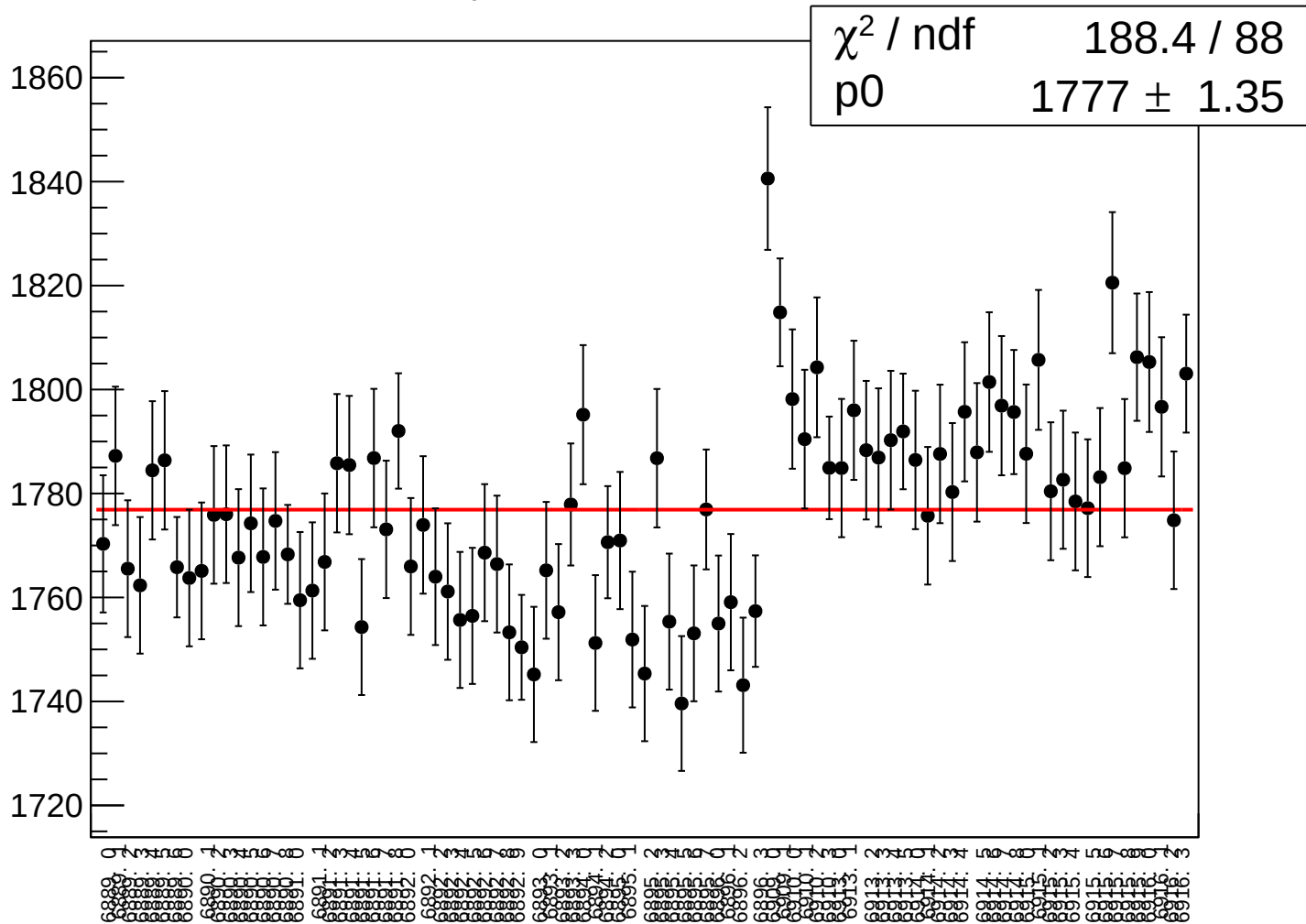
asym_atl_dd_eigen_cor_correction_rms vs run



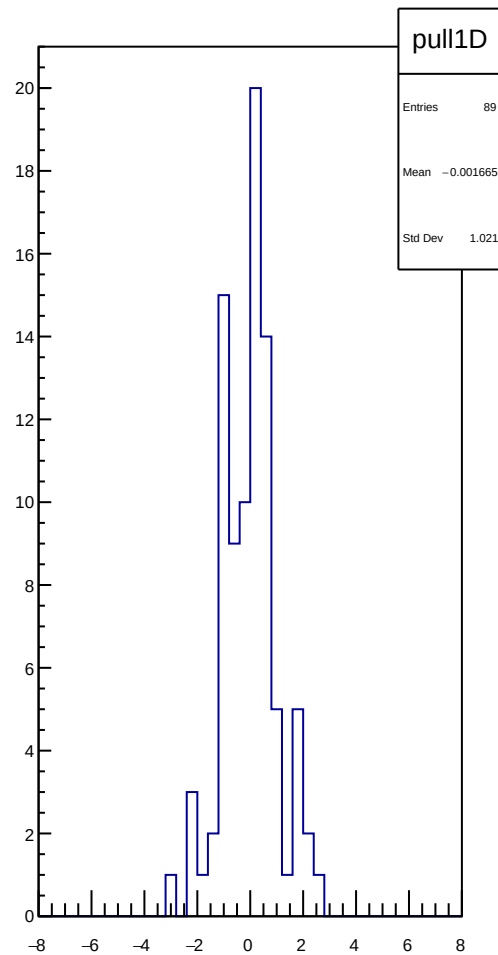
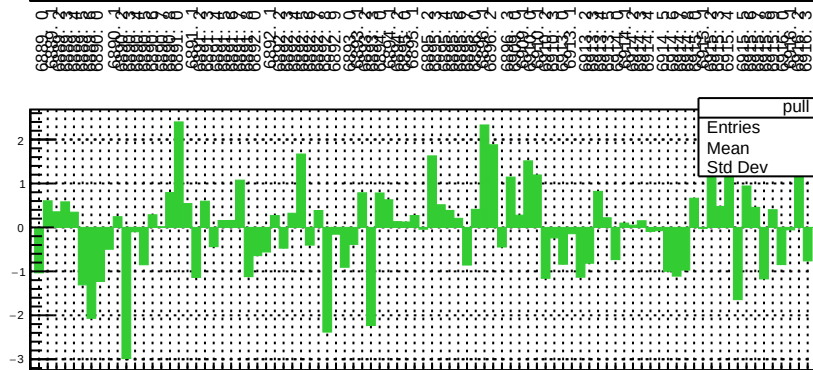
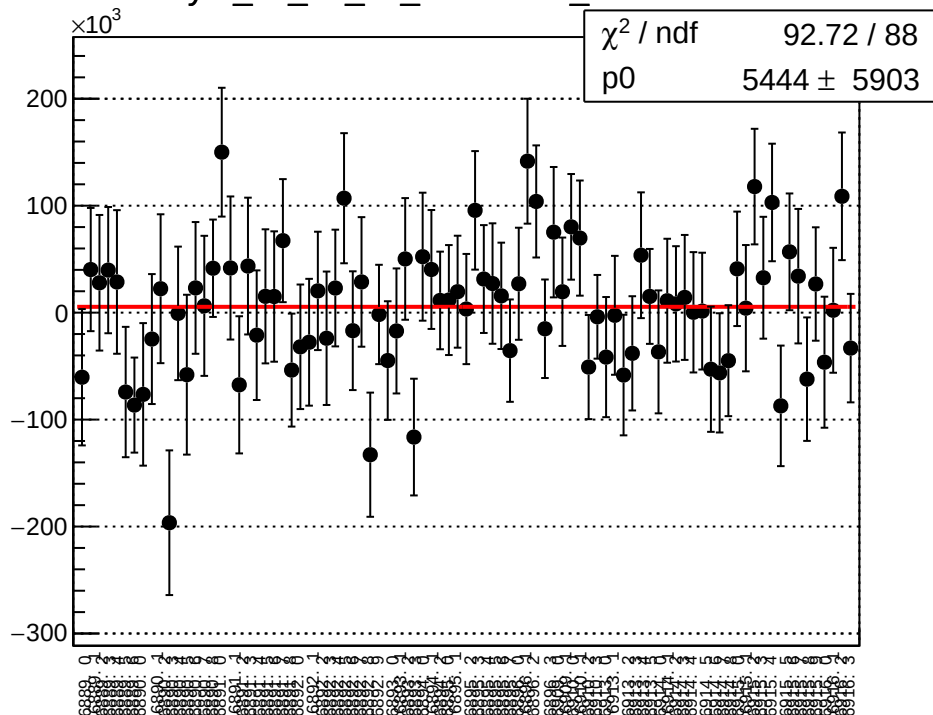
dit_asym_atl_dd_mean vs run



dit_asym_atl_dd_rms vs run

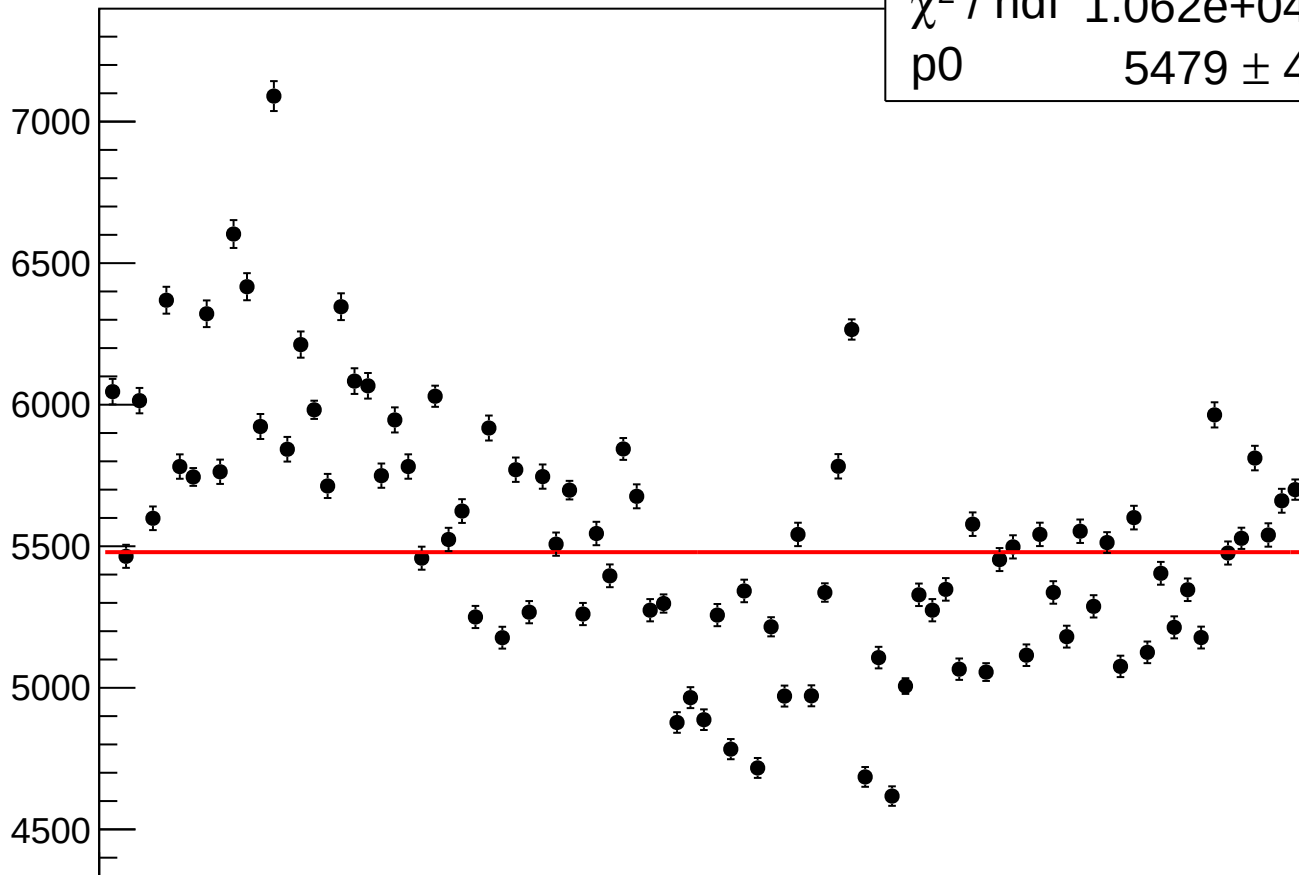


asym_atl_dd_dit_correction_mean vs run



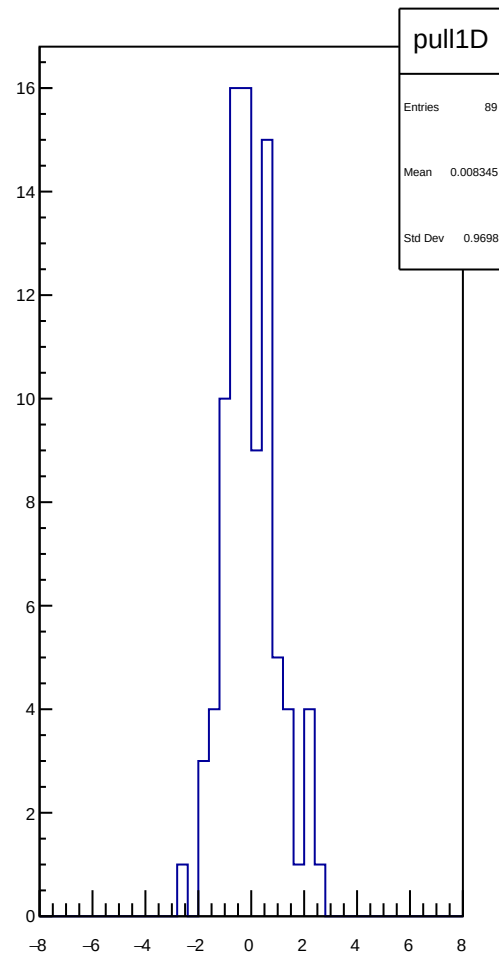
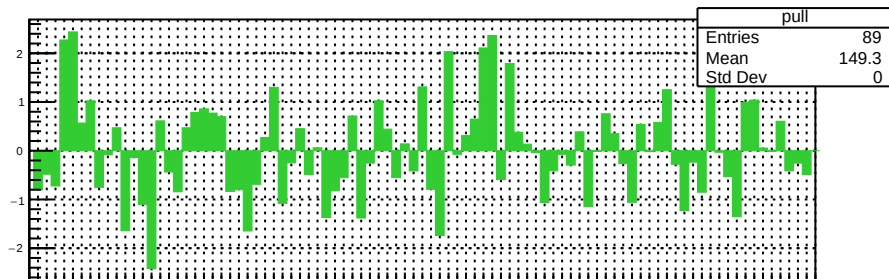
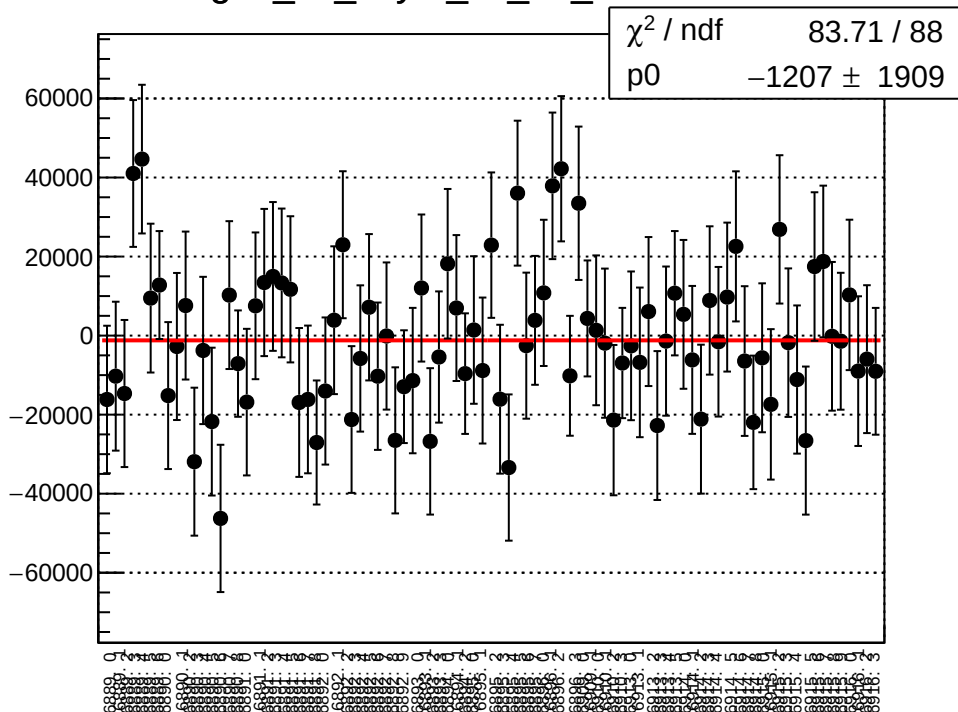
asym_atl_dd_dit_correction_rms vs run

χ^2 / ndf 1.062e+04 / 88
p0 5479 $\pm$ 4.174

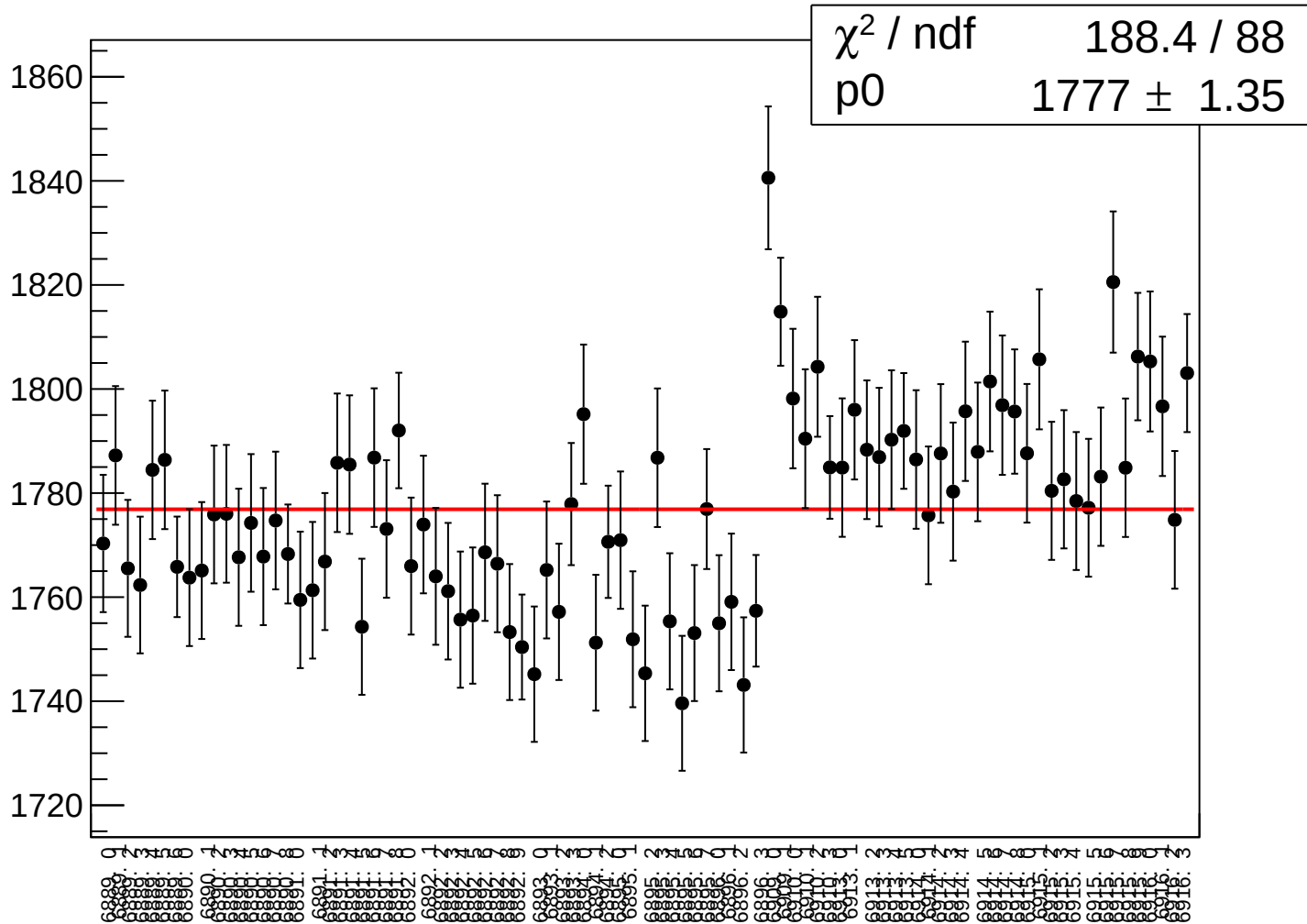


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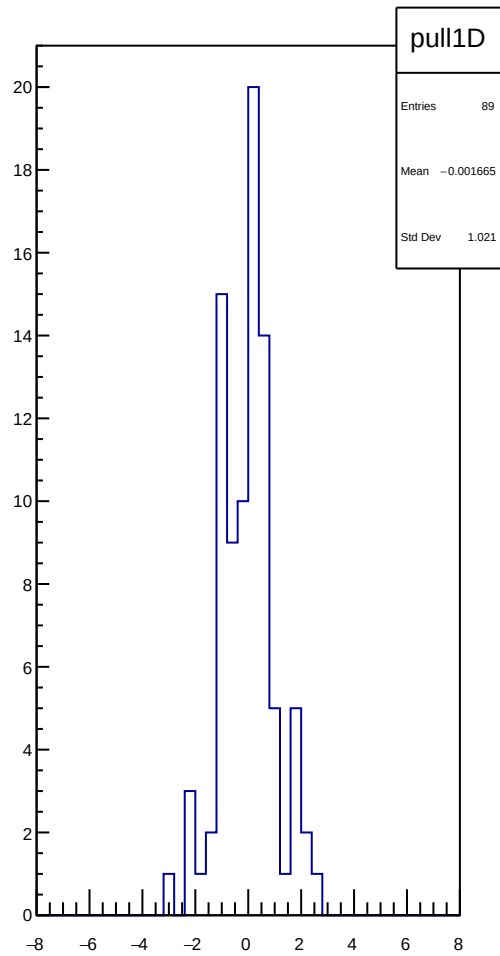
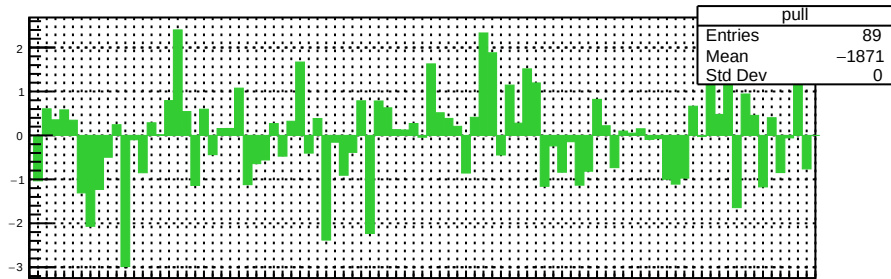
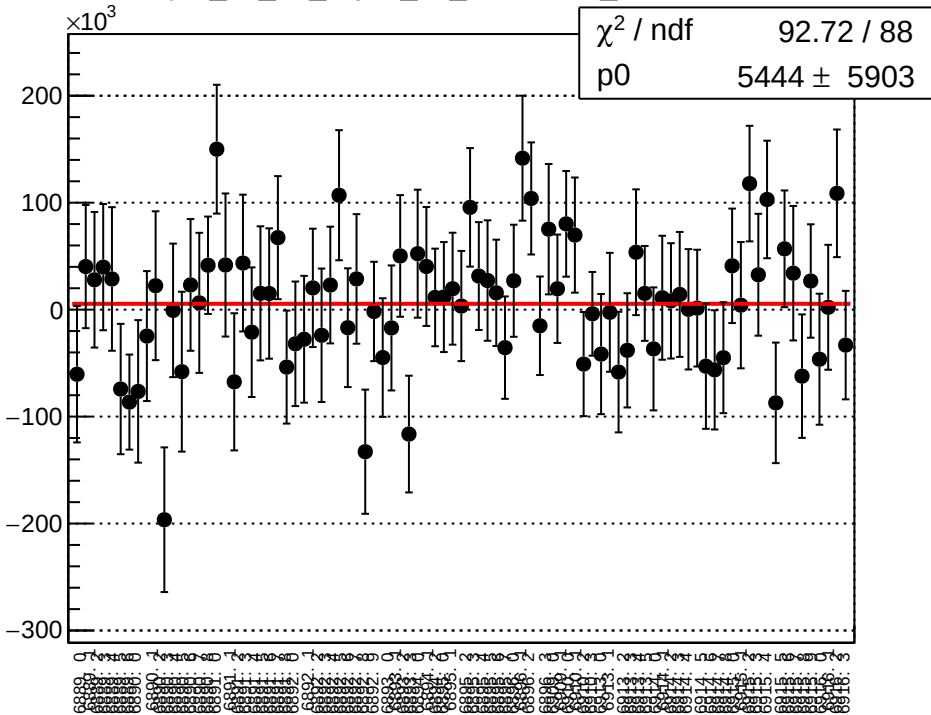
eigen_dit_asym_atl_dd_mean vs run



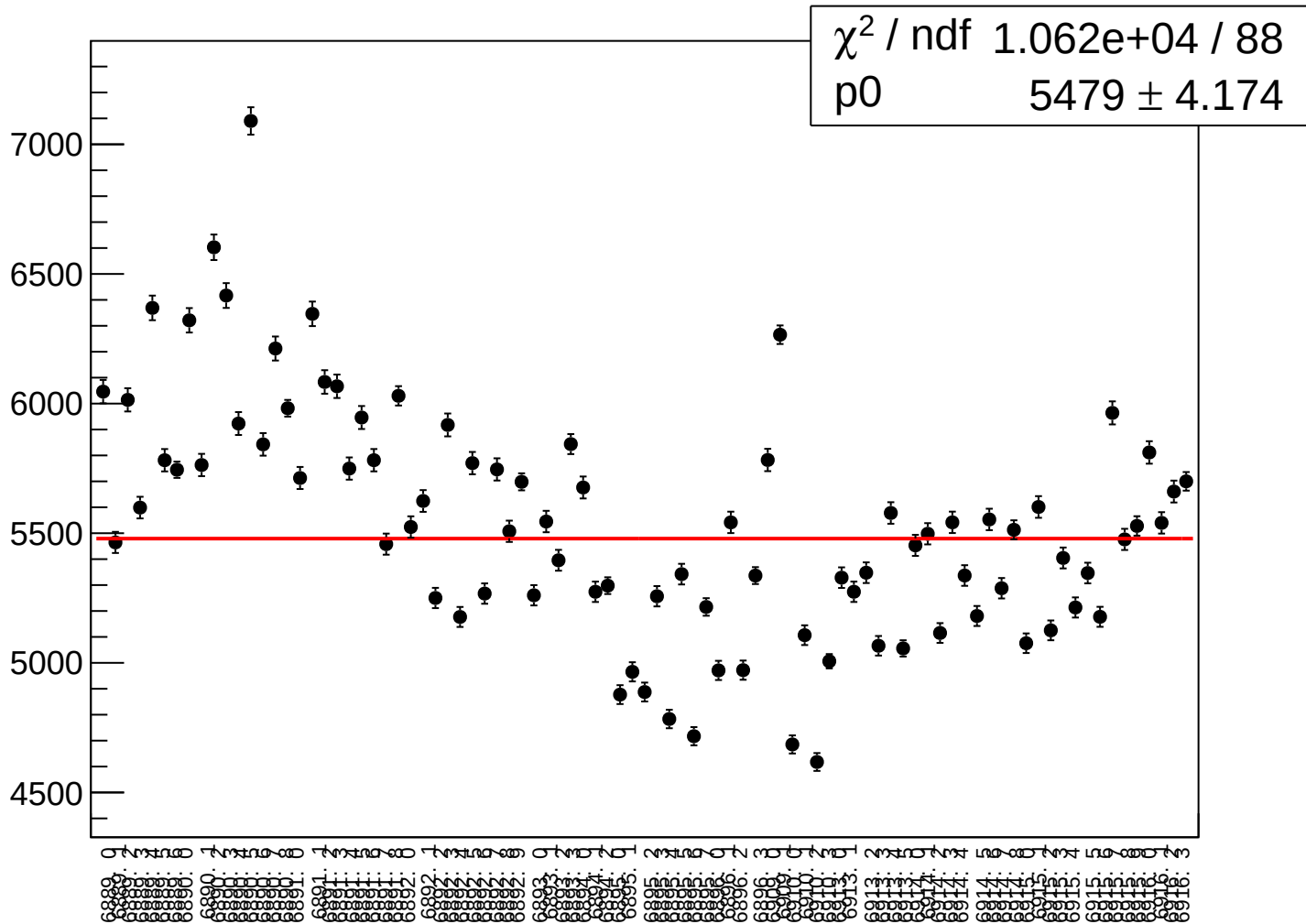
eigen_dit_asym_atl_dd_rms vs run



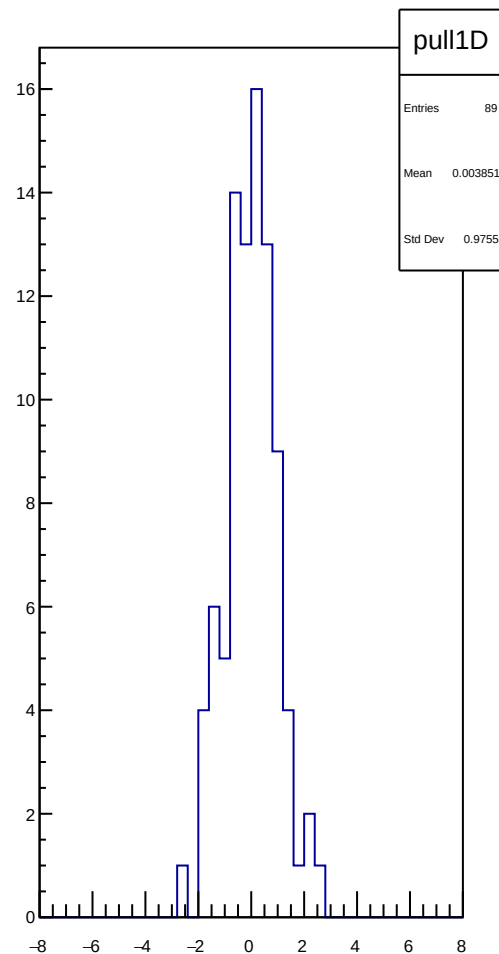
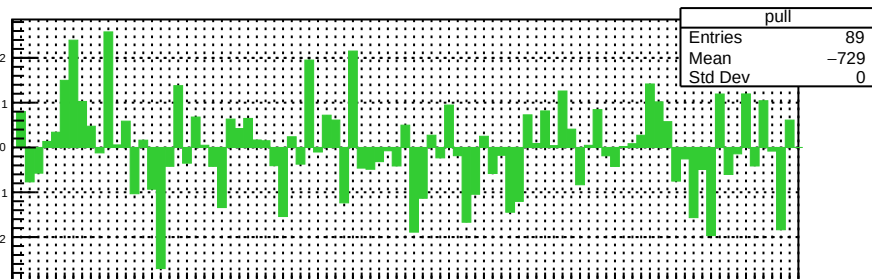
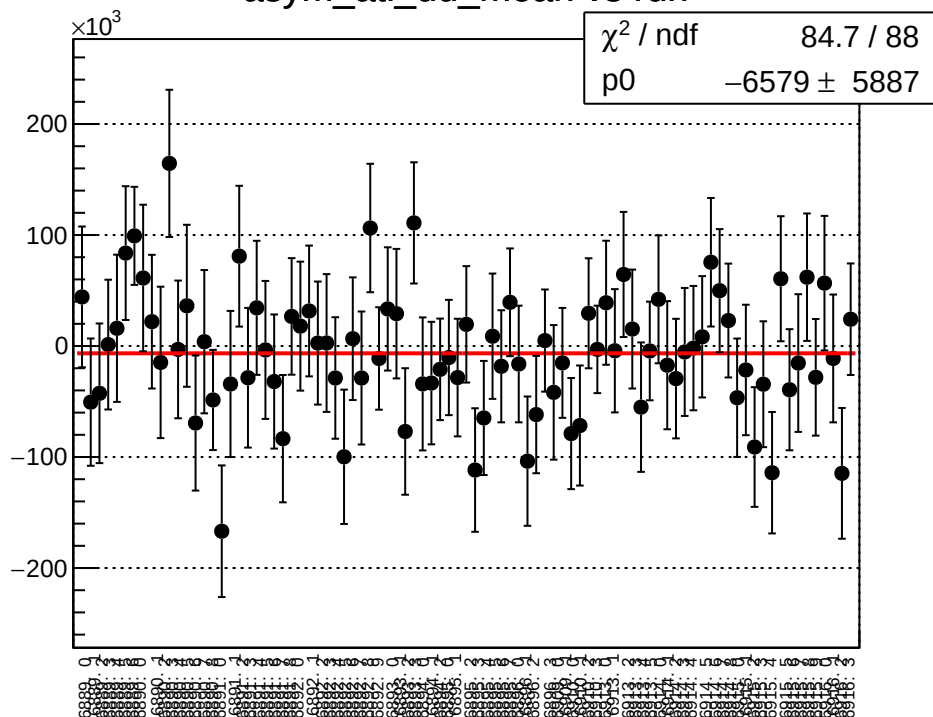
asym_atl_dd_eigen_dit_correction_mean vs run



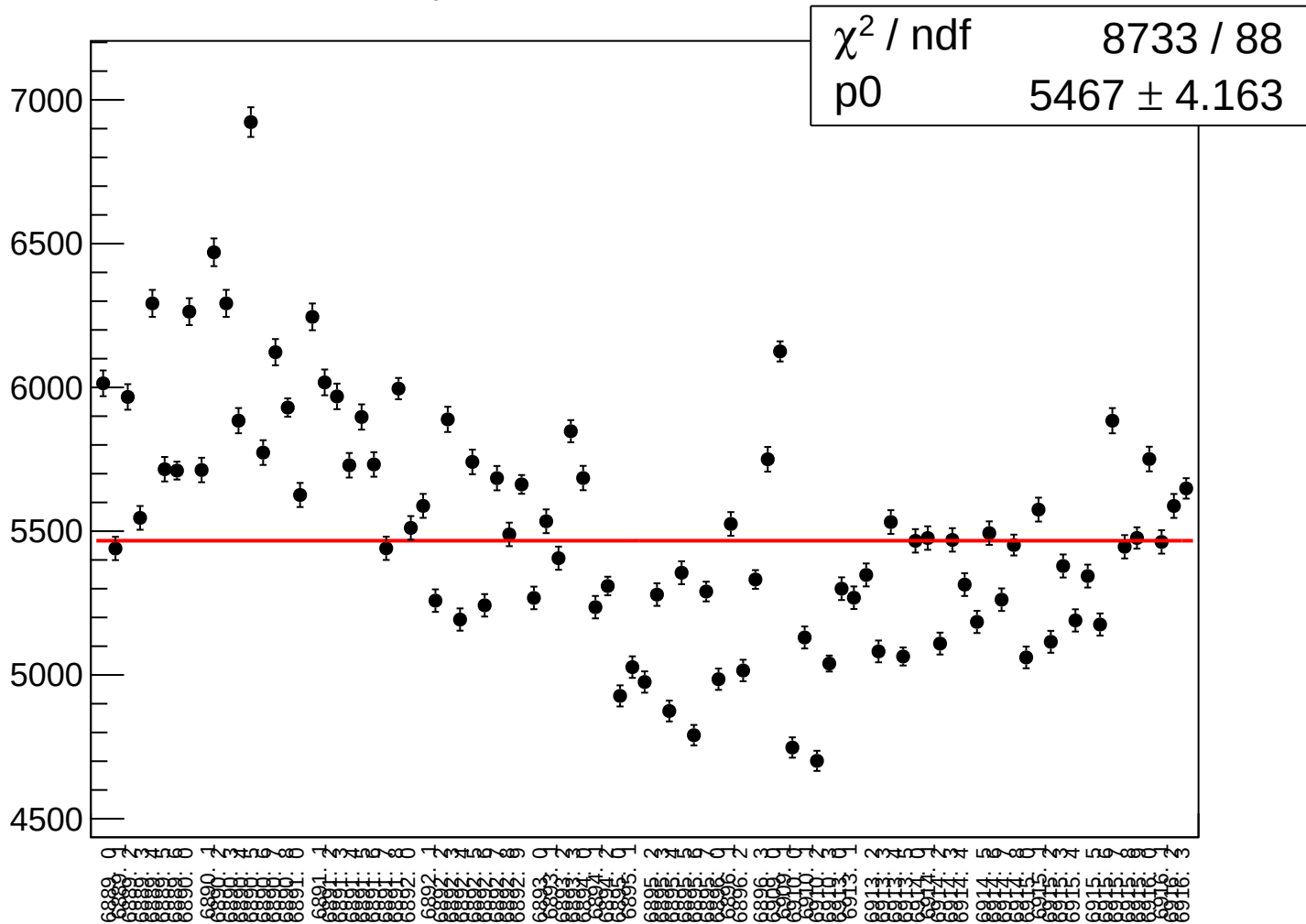
asym_atl_dd_eigen_dit_correction_rms vs run



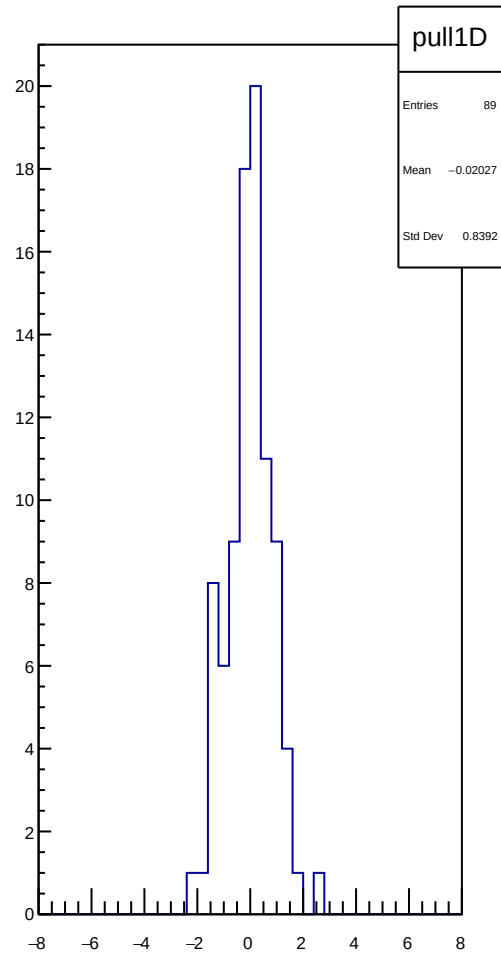
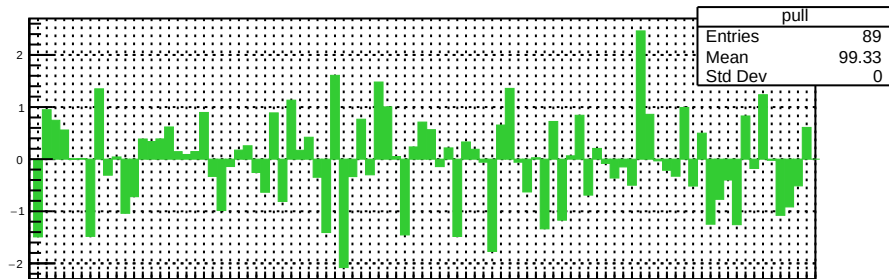
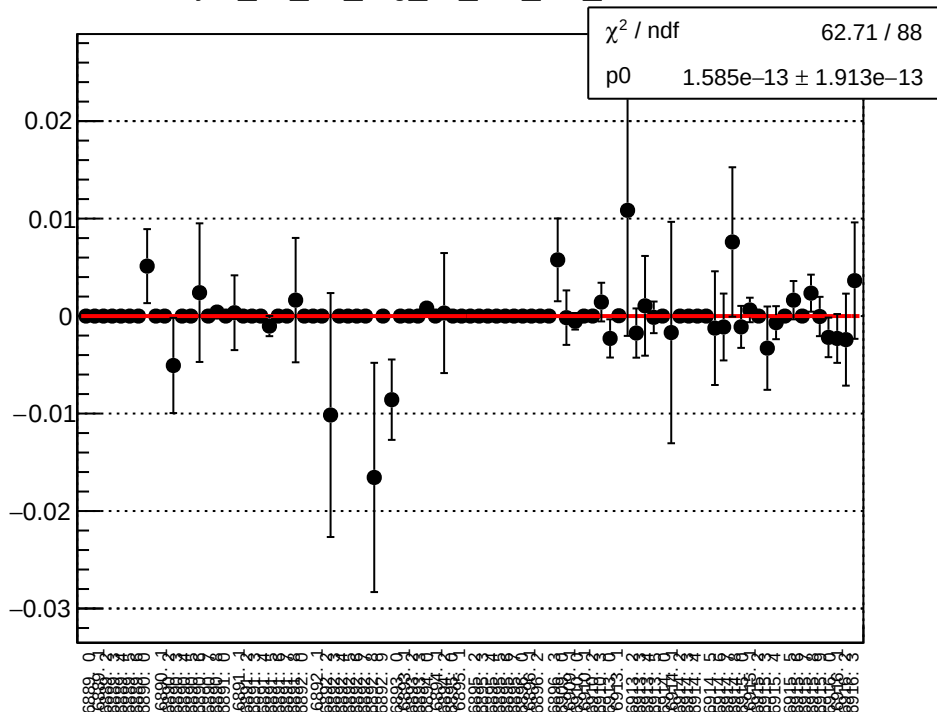
asym_atl_dd_mean vs run



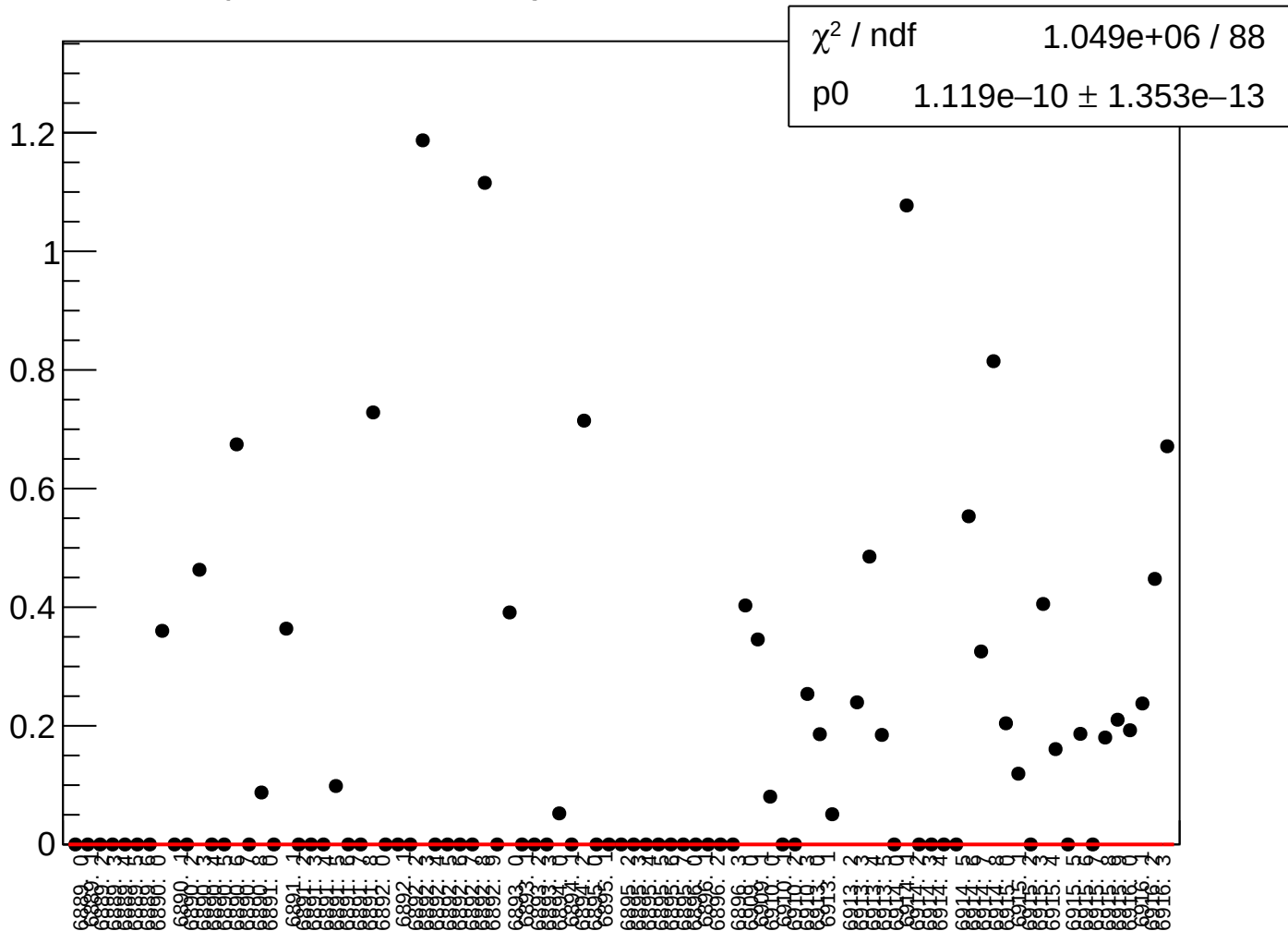
asym_atl_dd_rms vs run



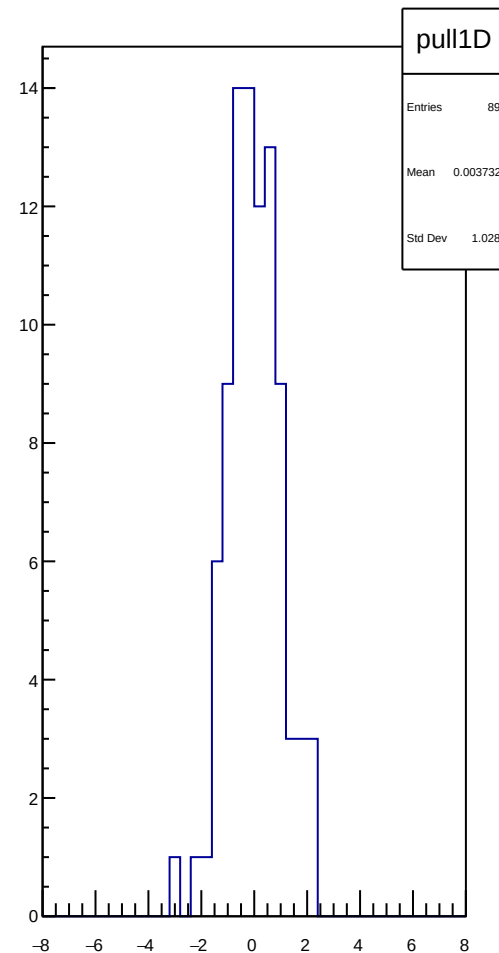
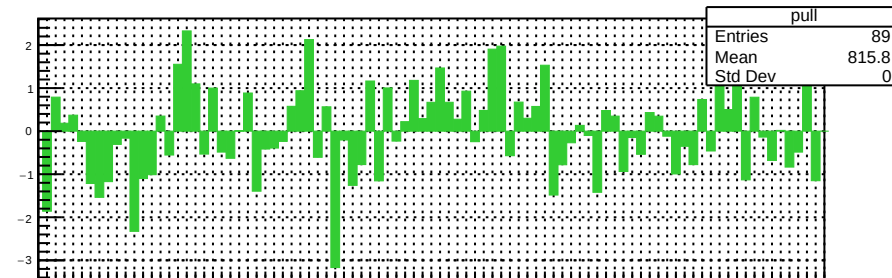
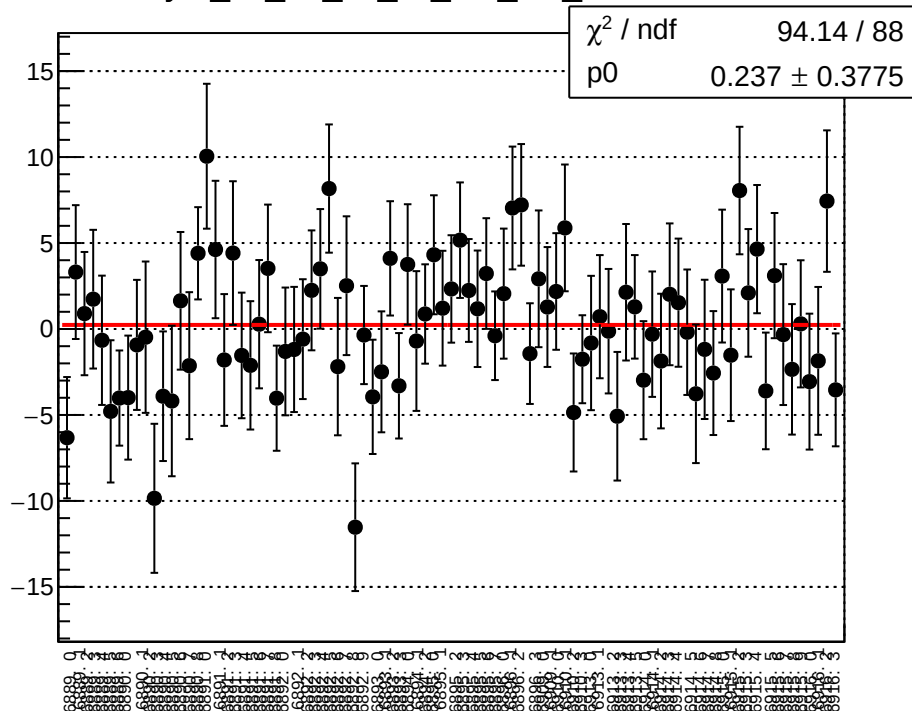
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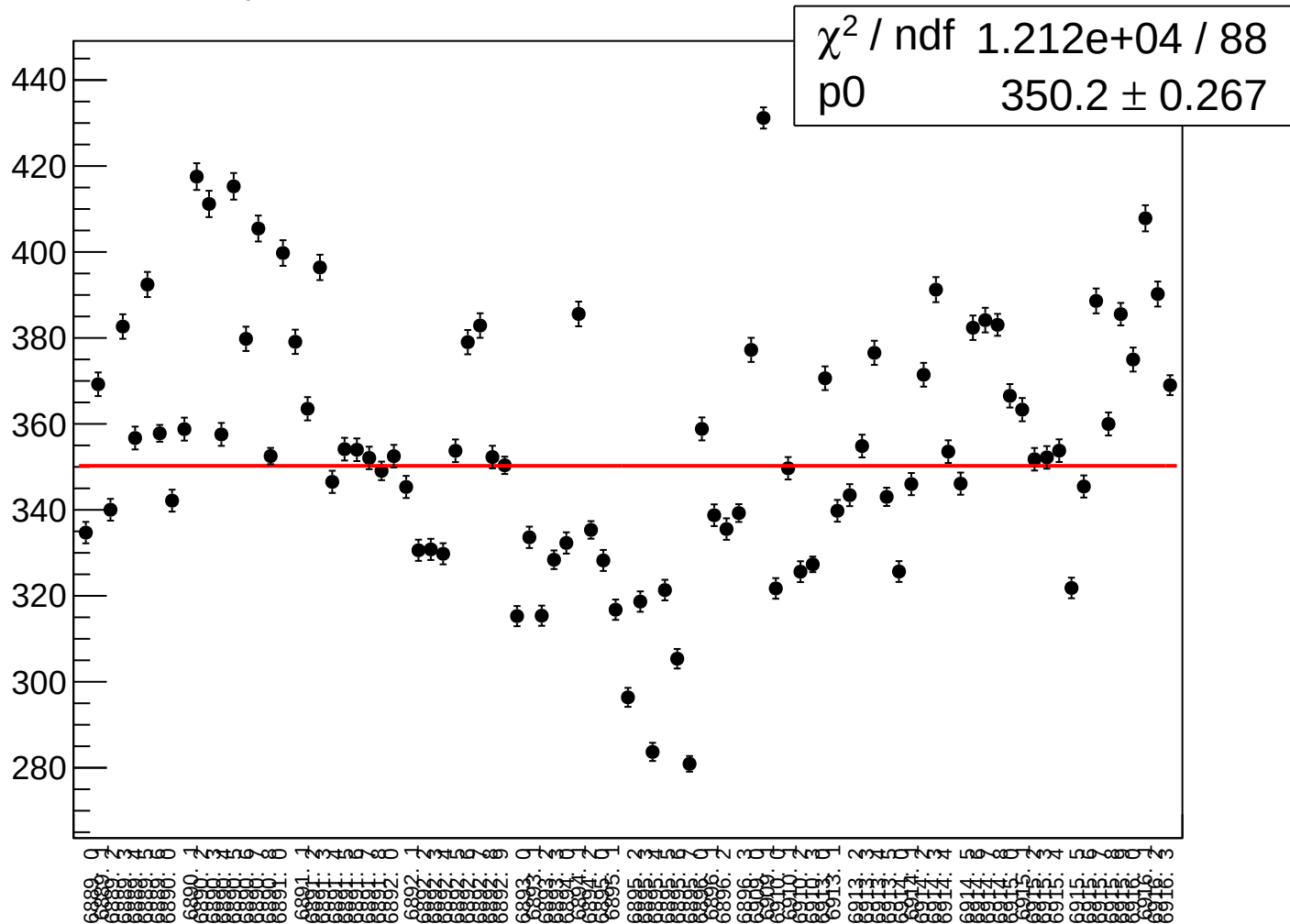
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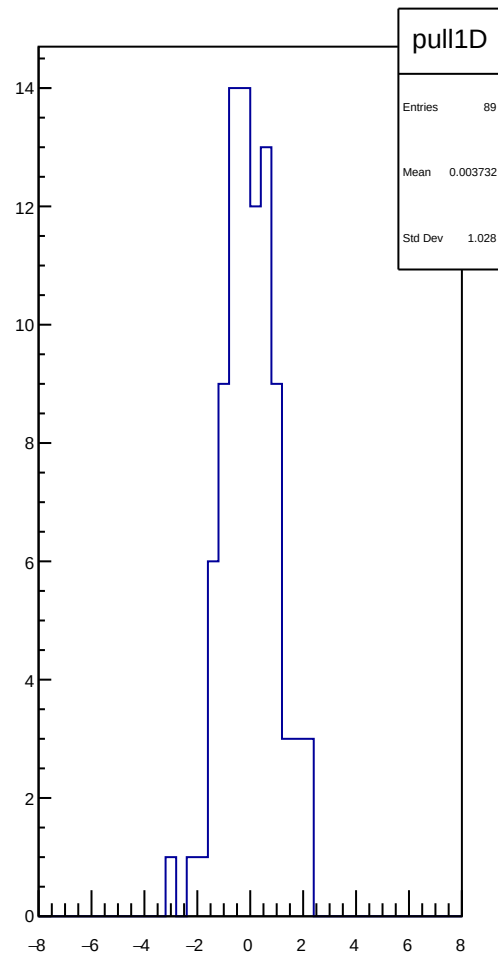
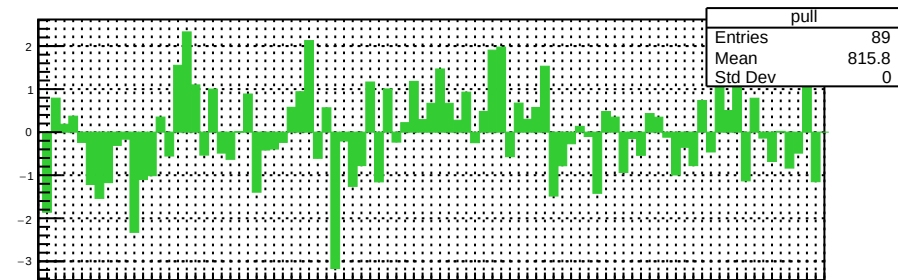
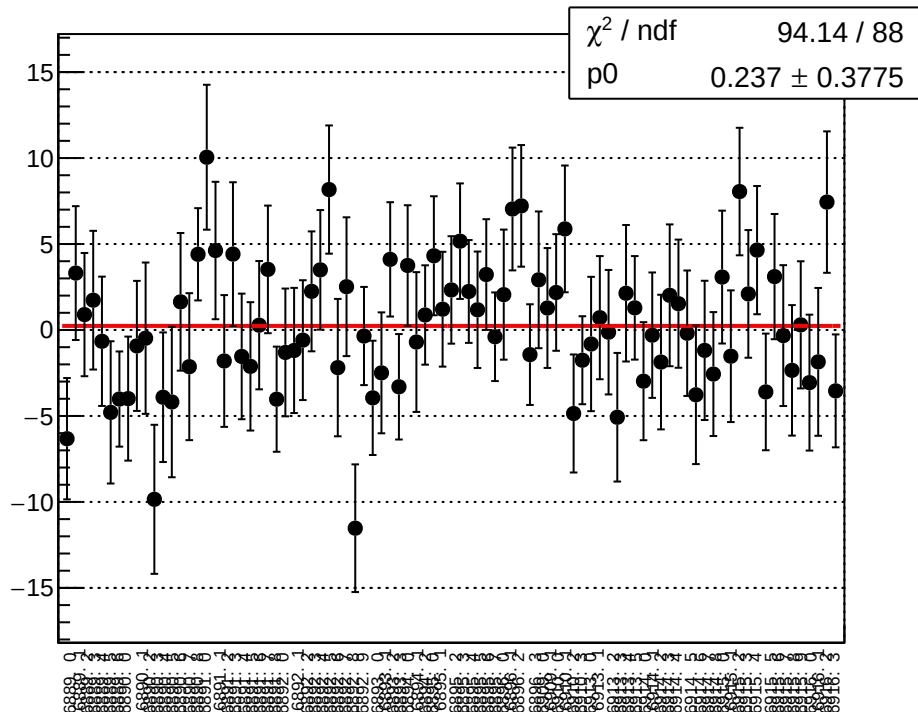
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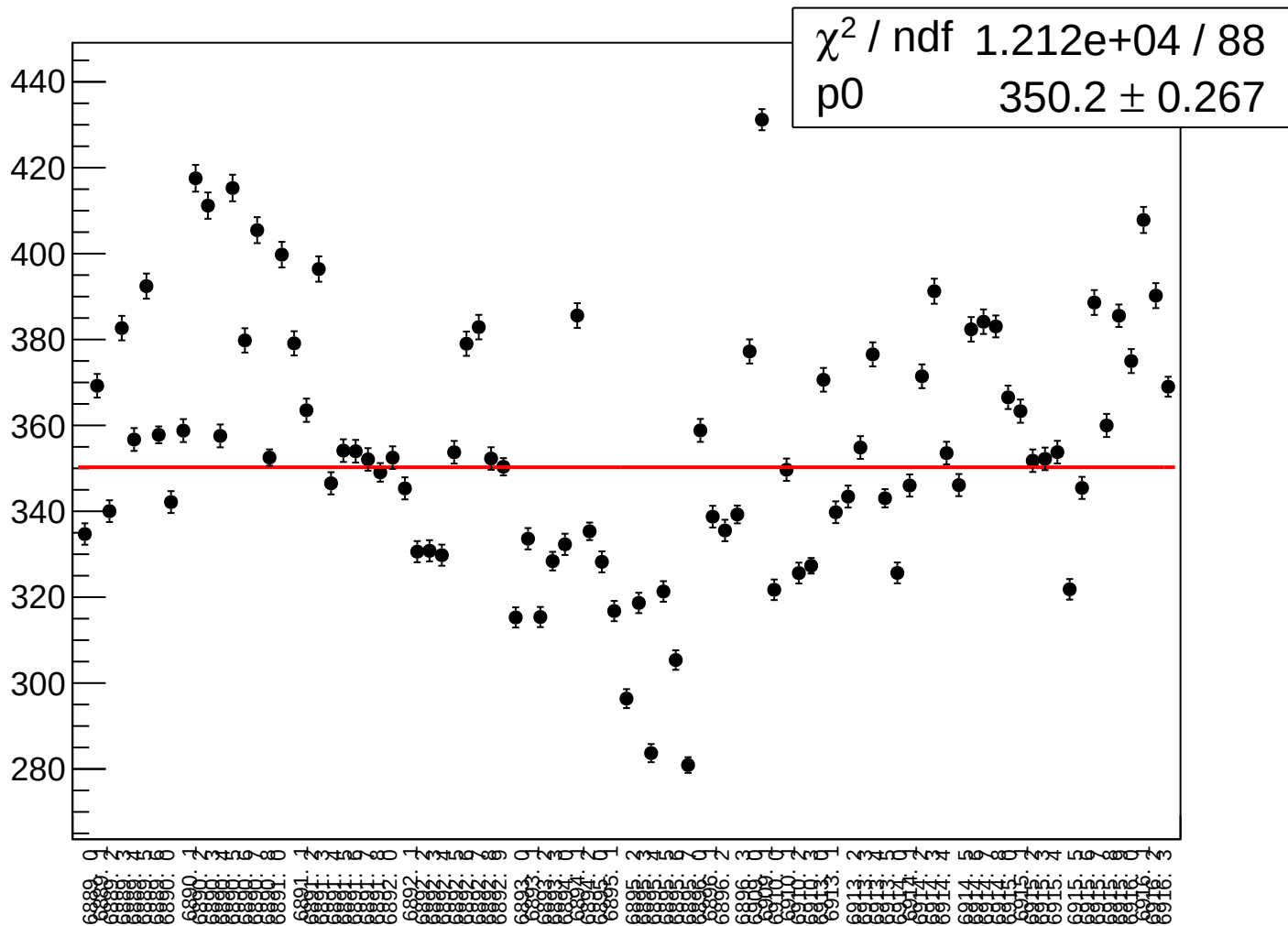
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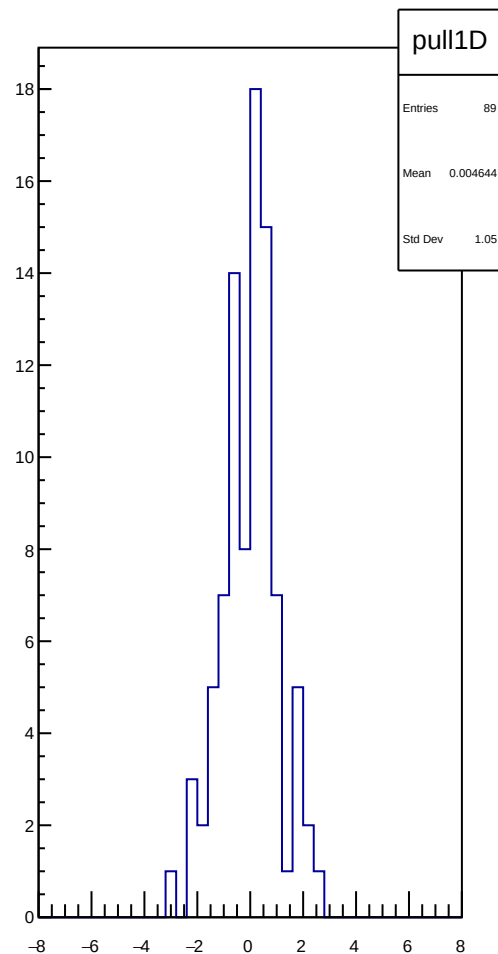
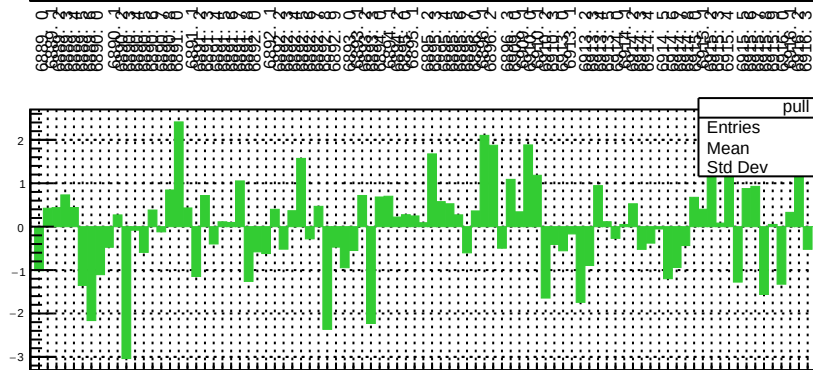
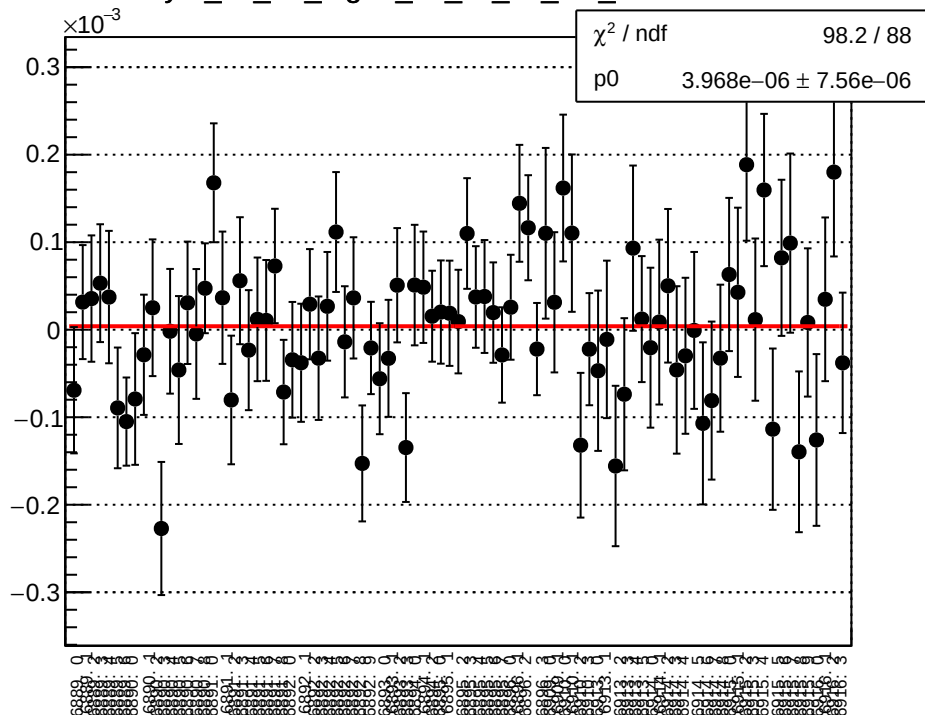
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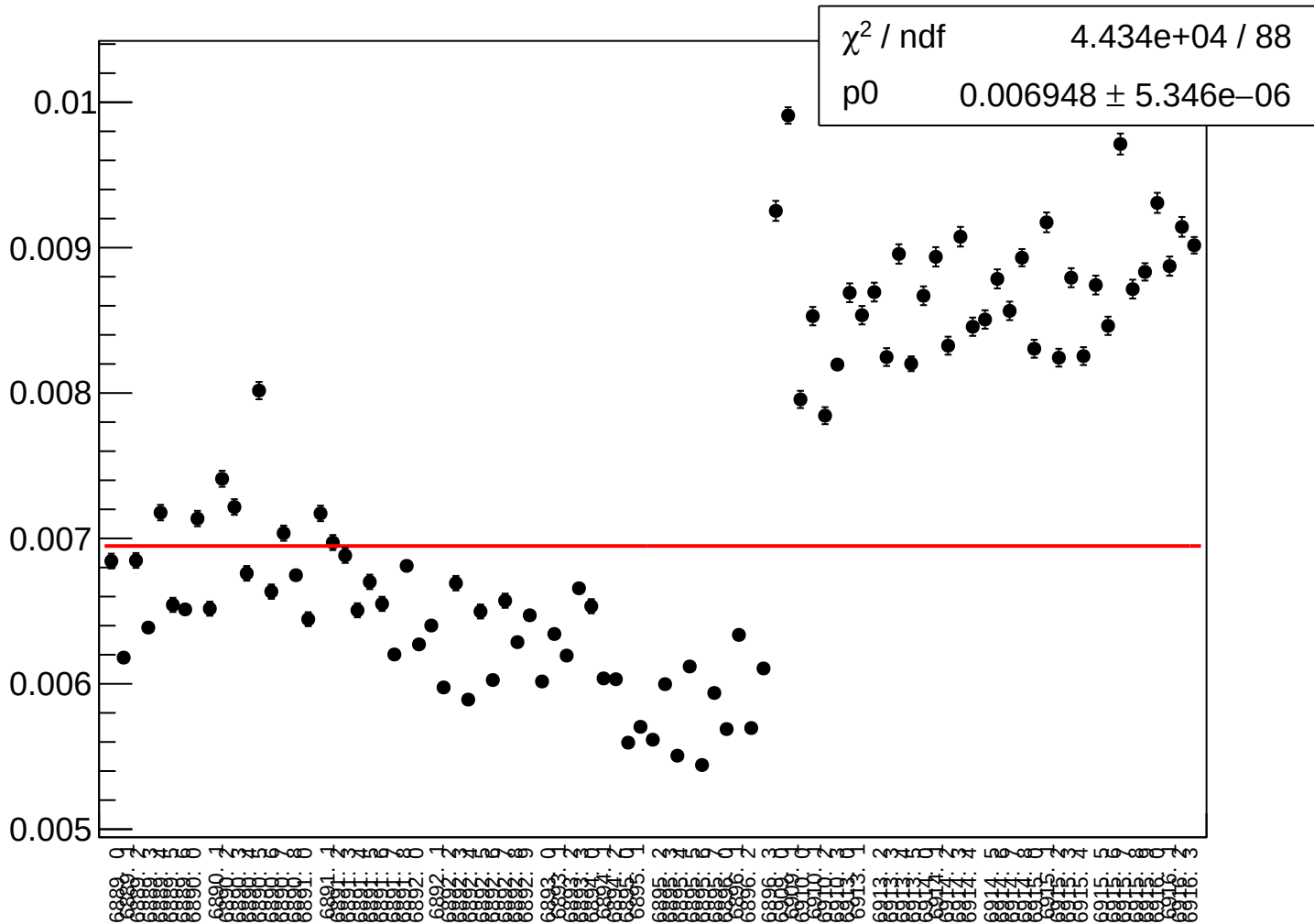
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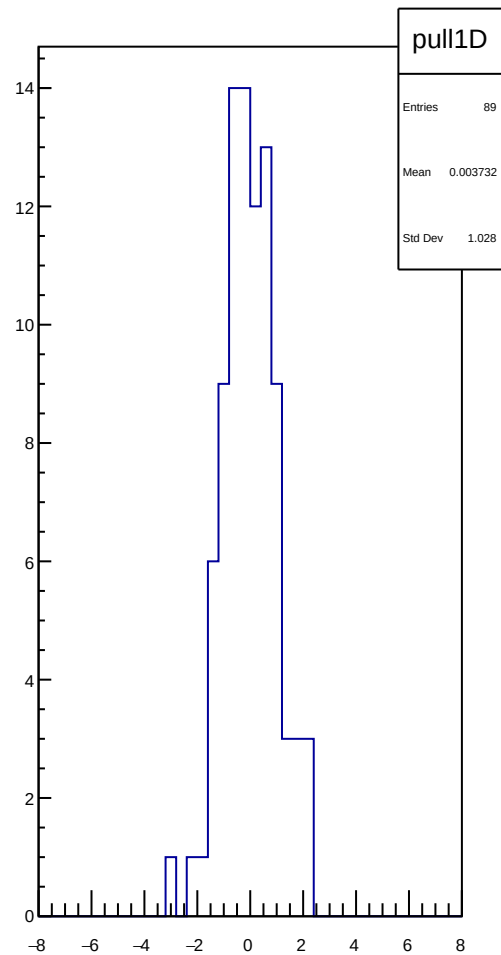
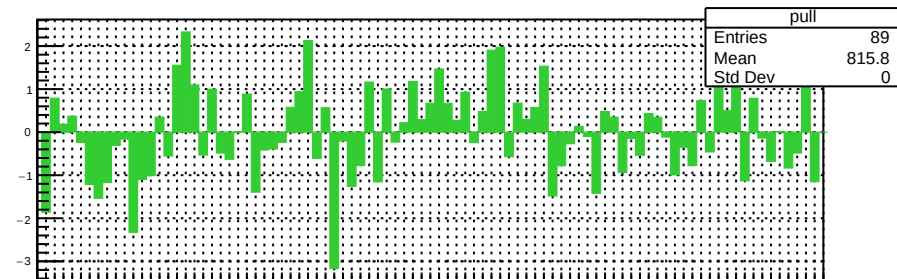
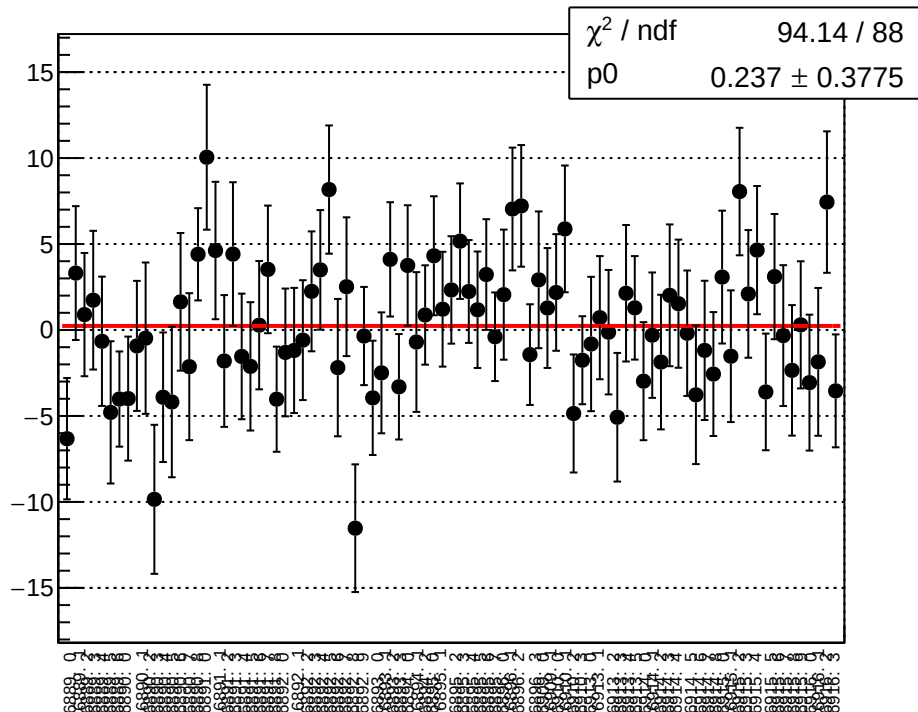
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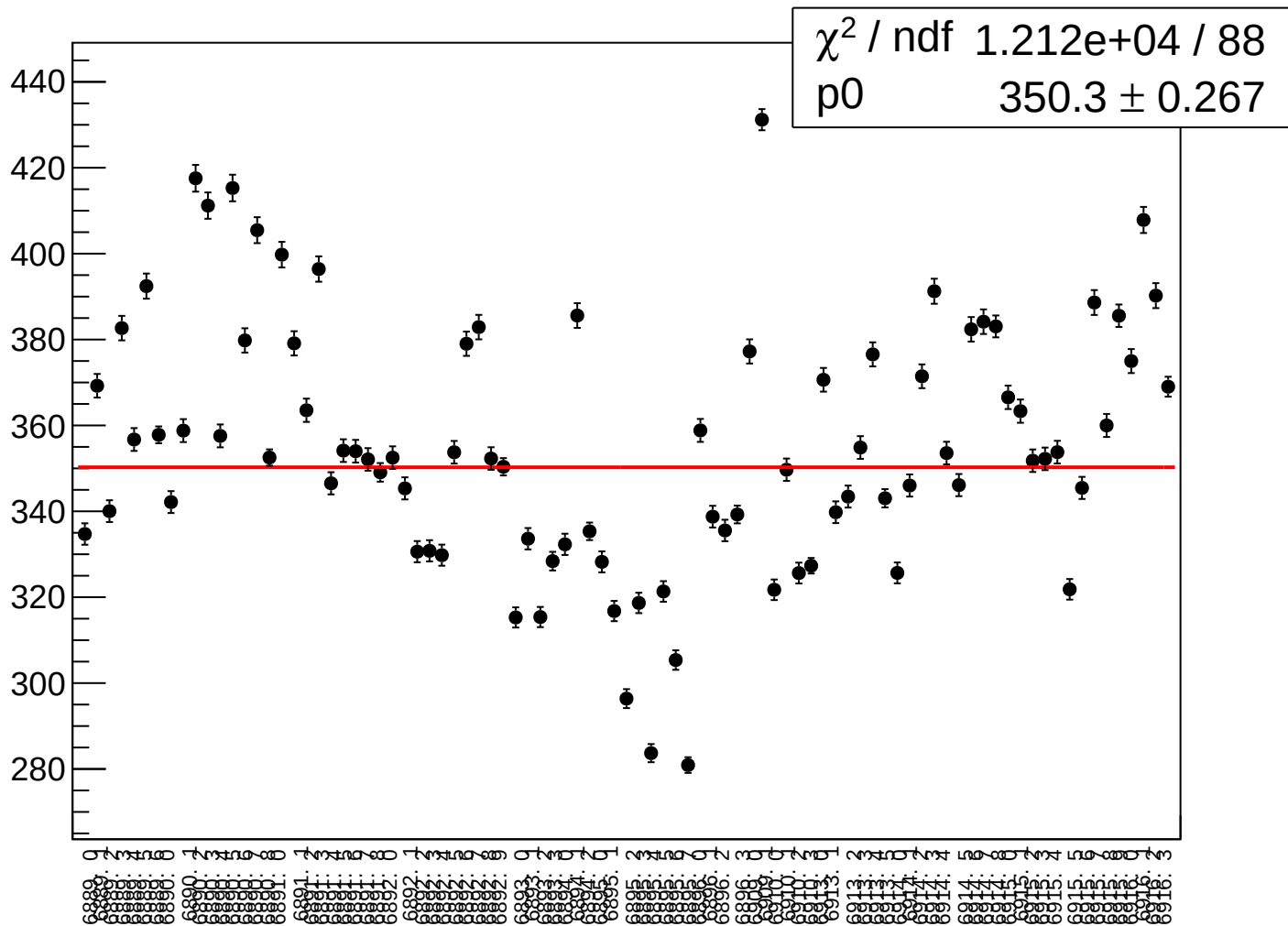
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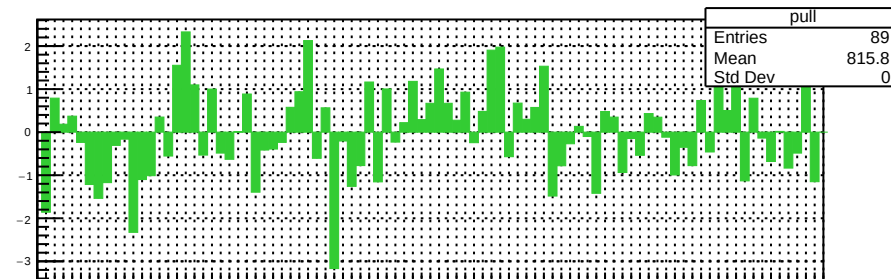
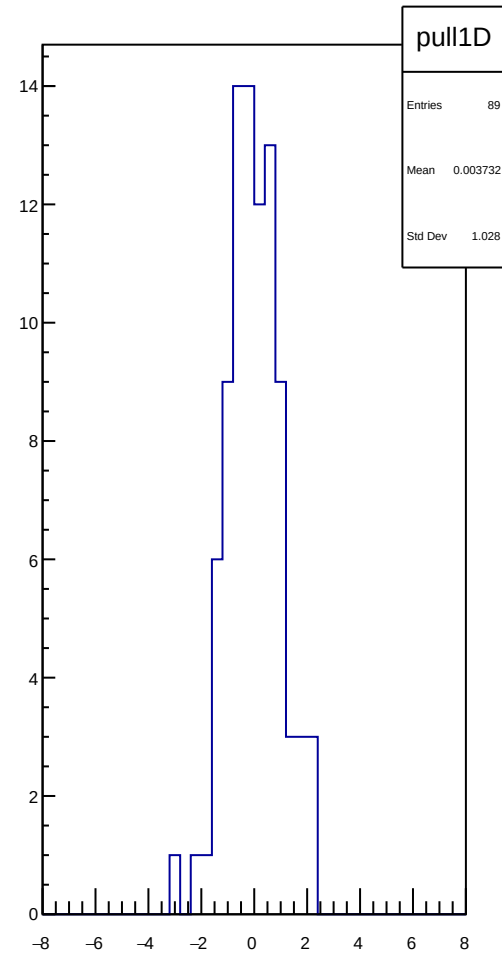
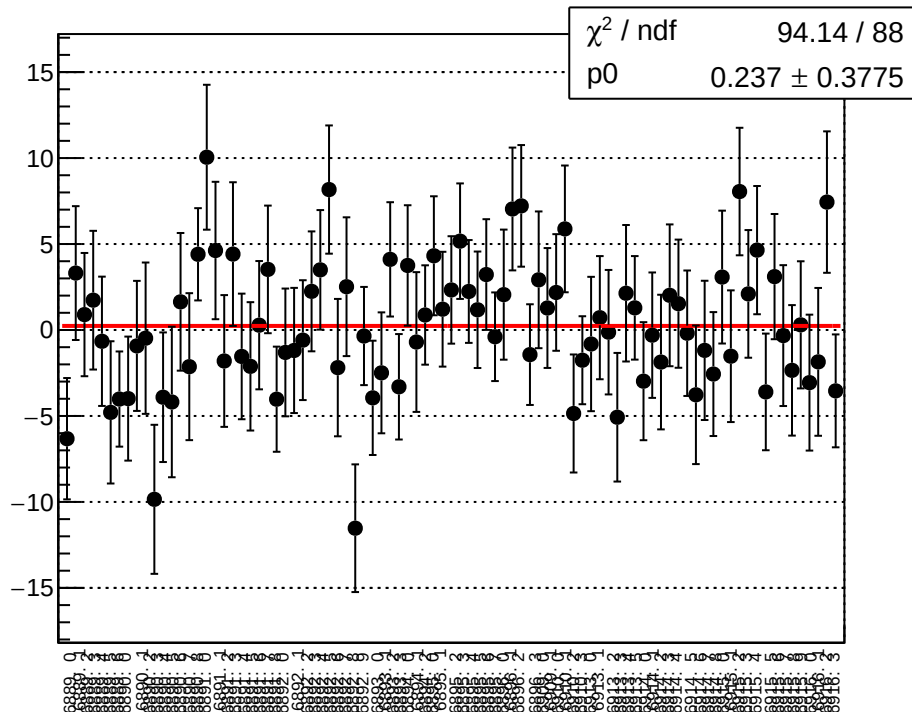
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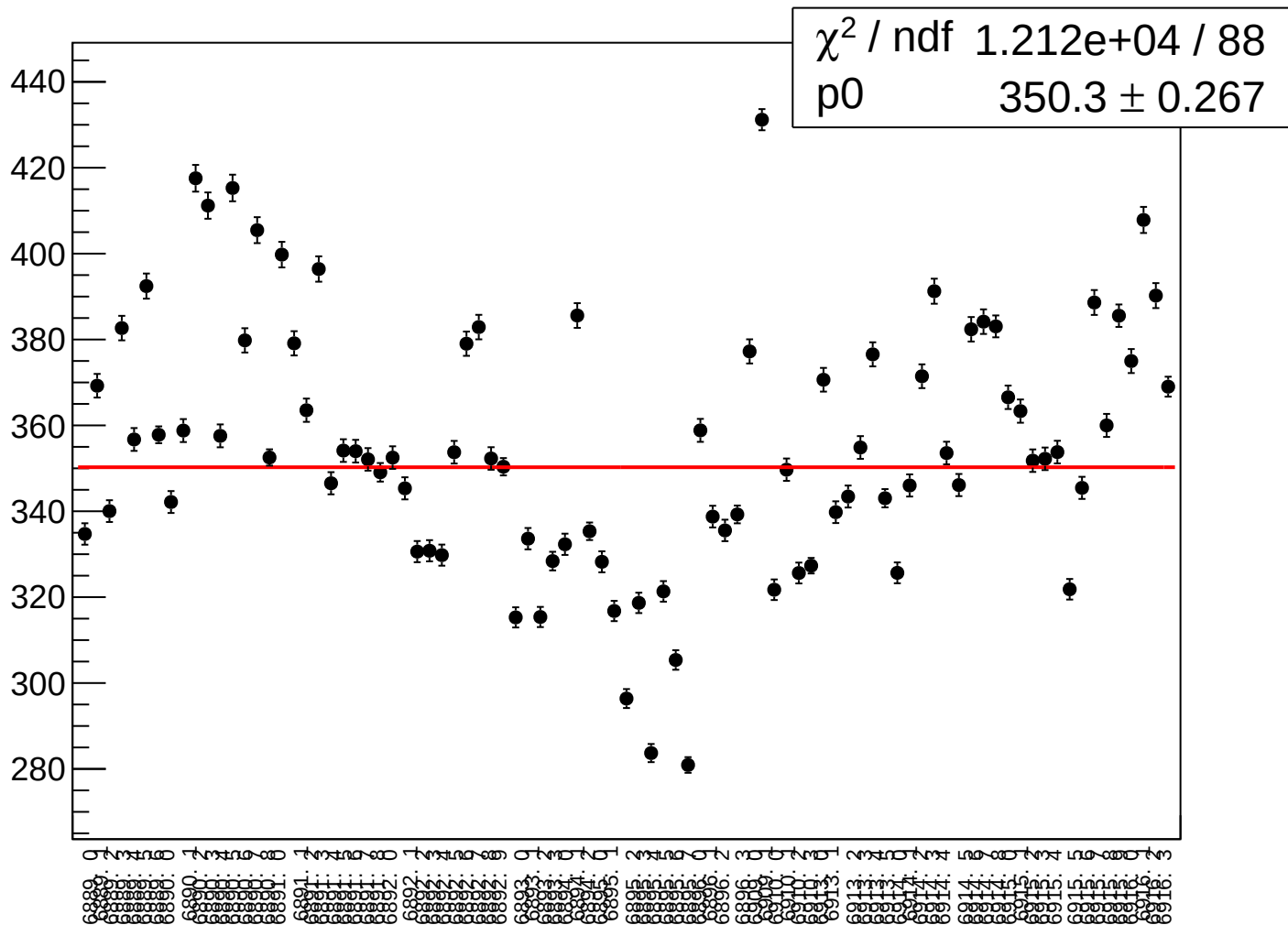
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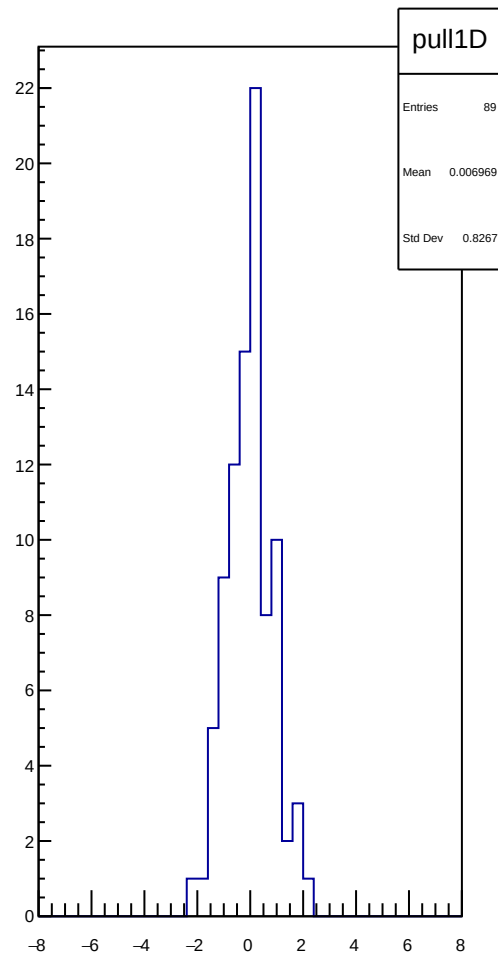
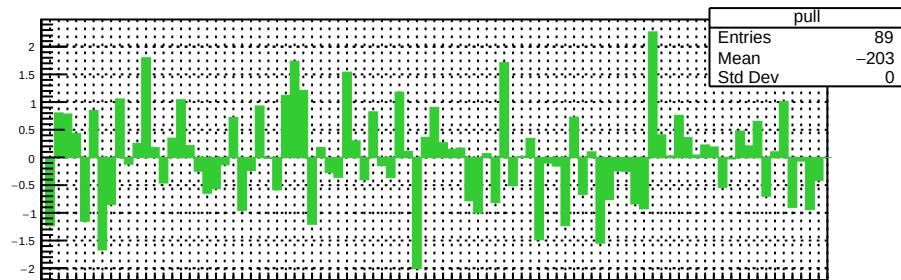
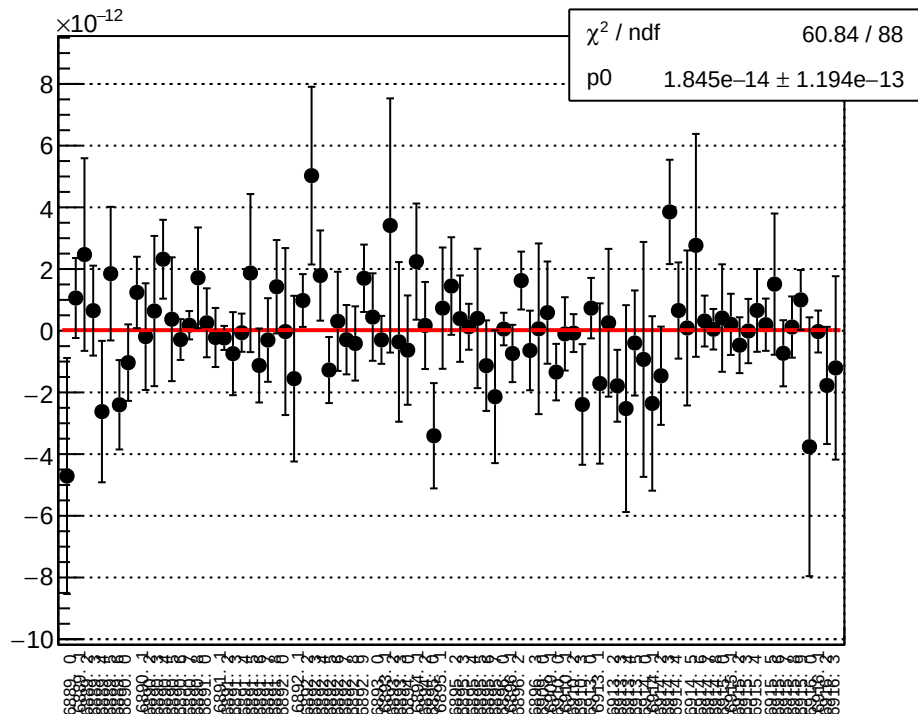
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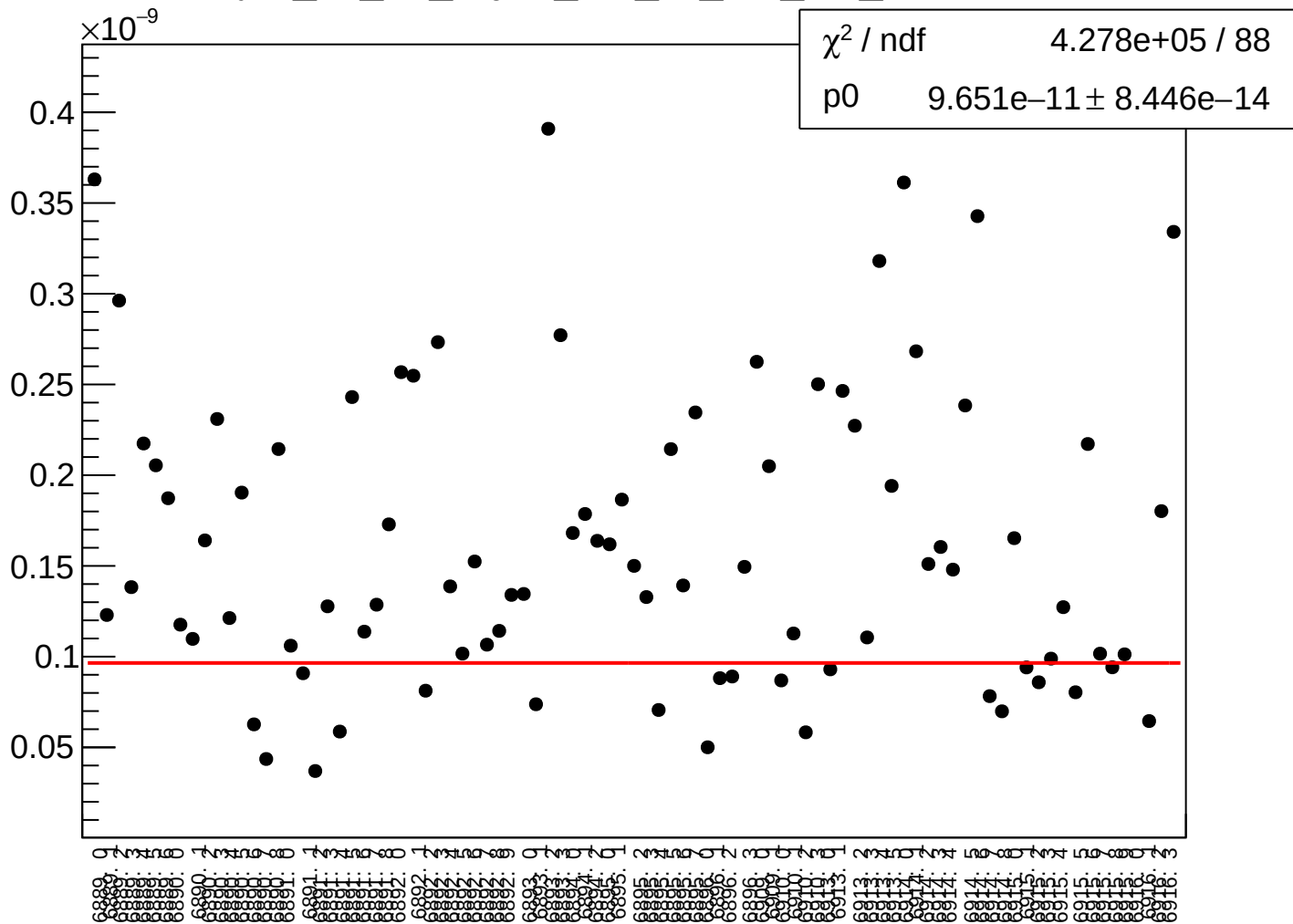
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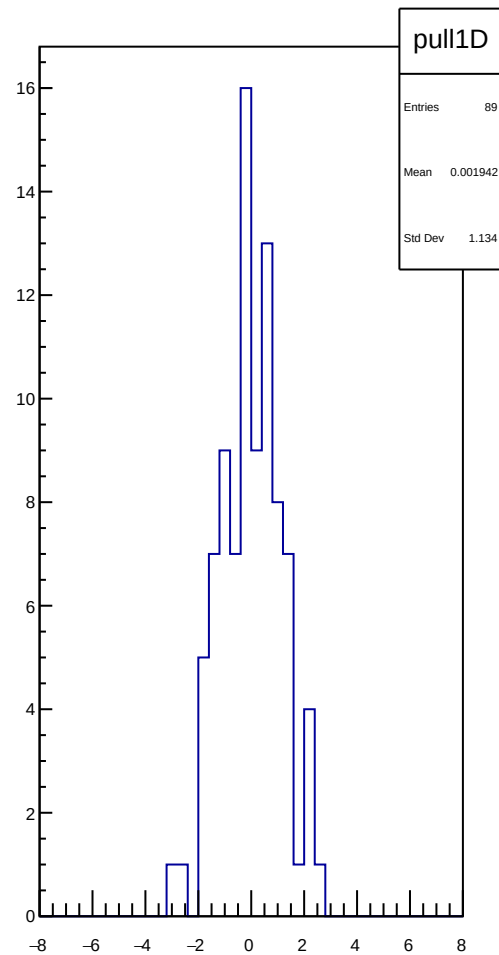
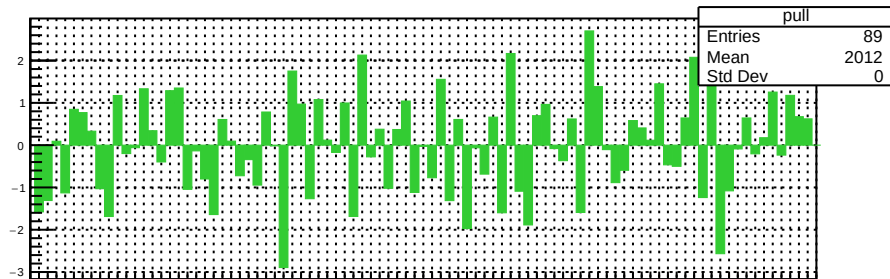
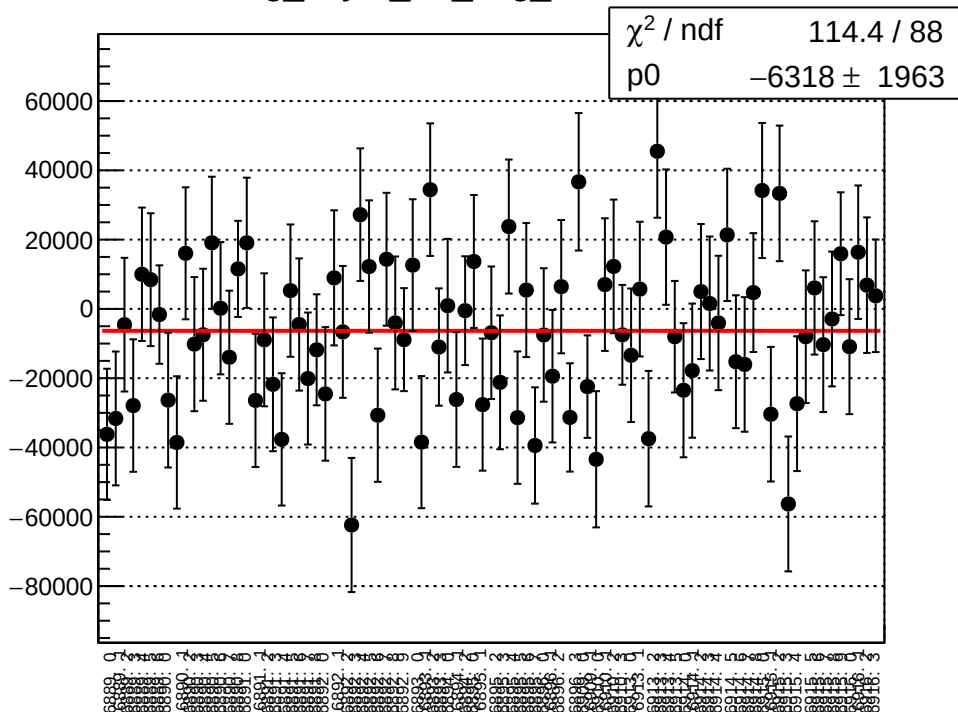
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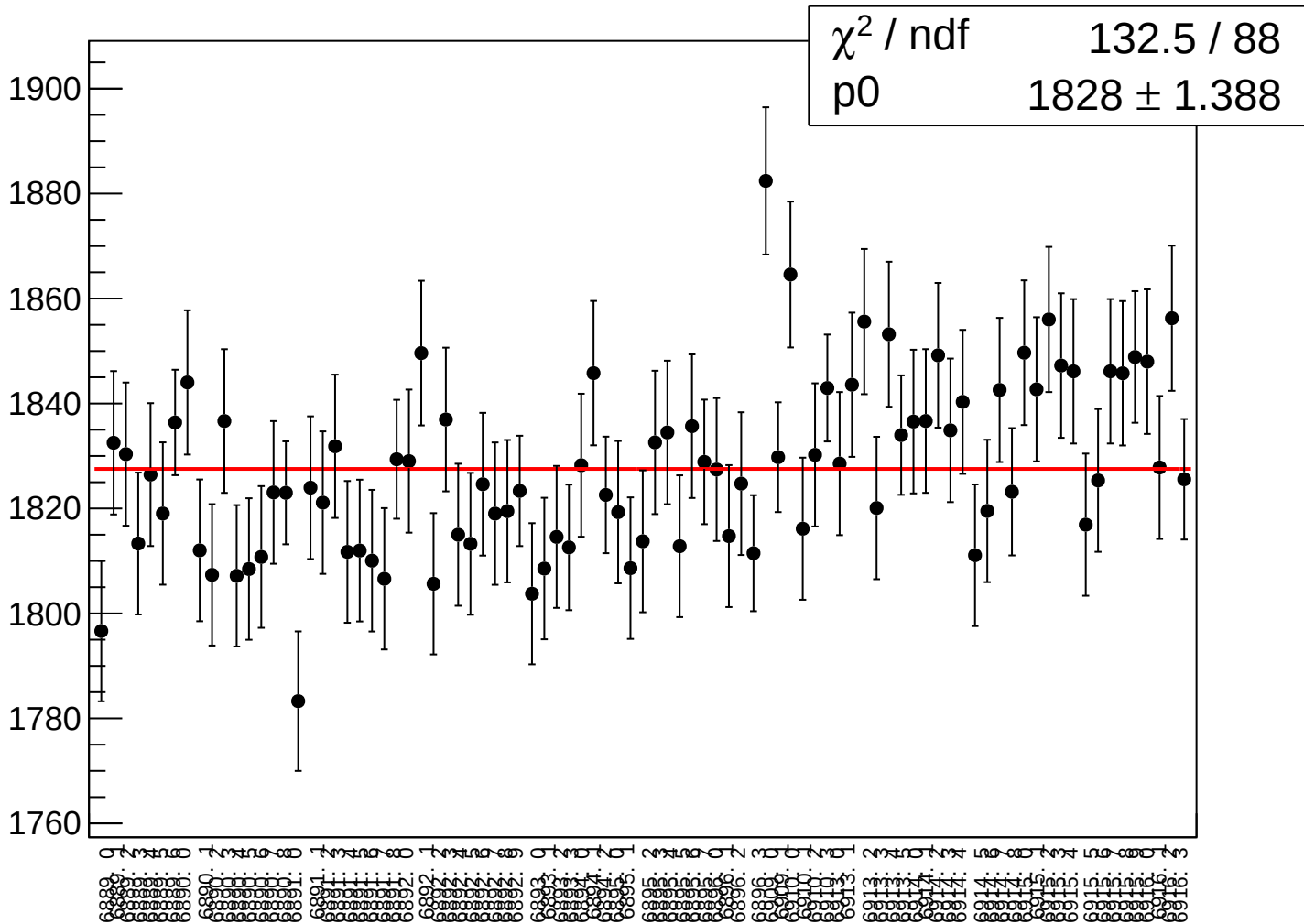
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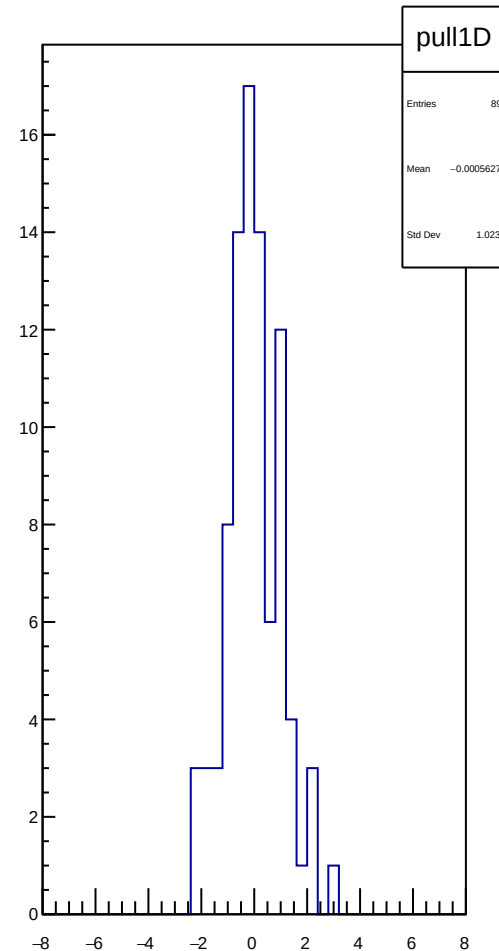
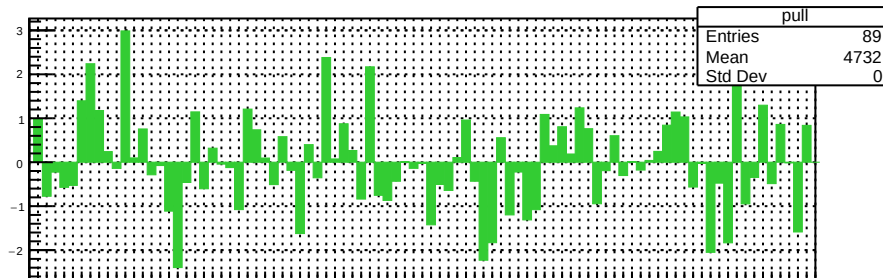
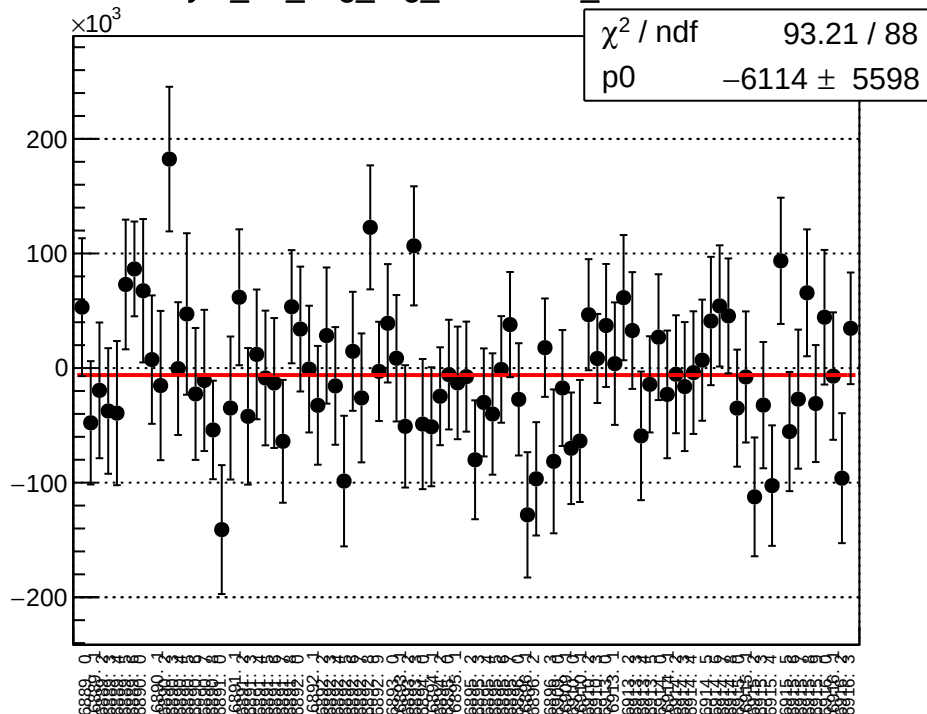
reg_asym_atr_avg_mean vs run



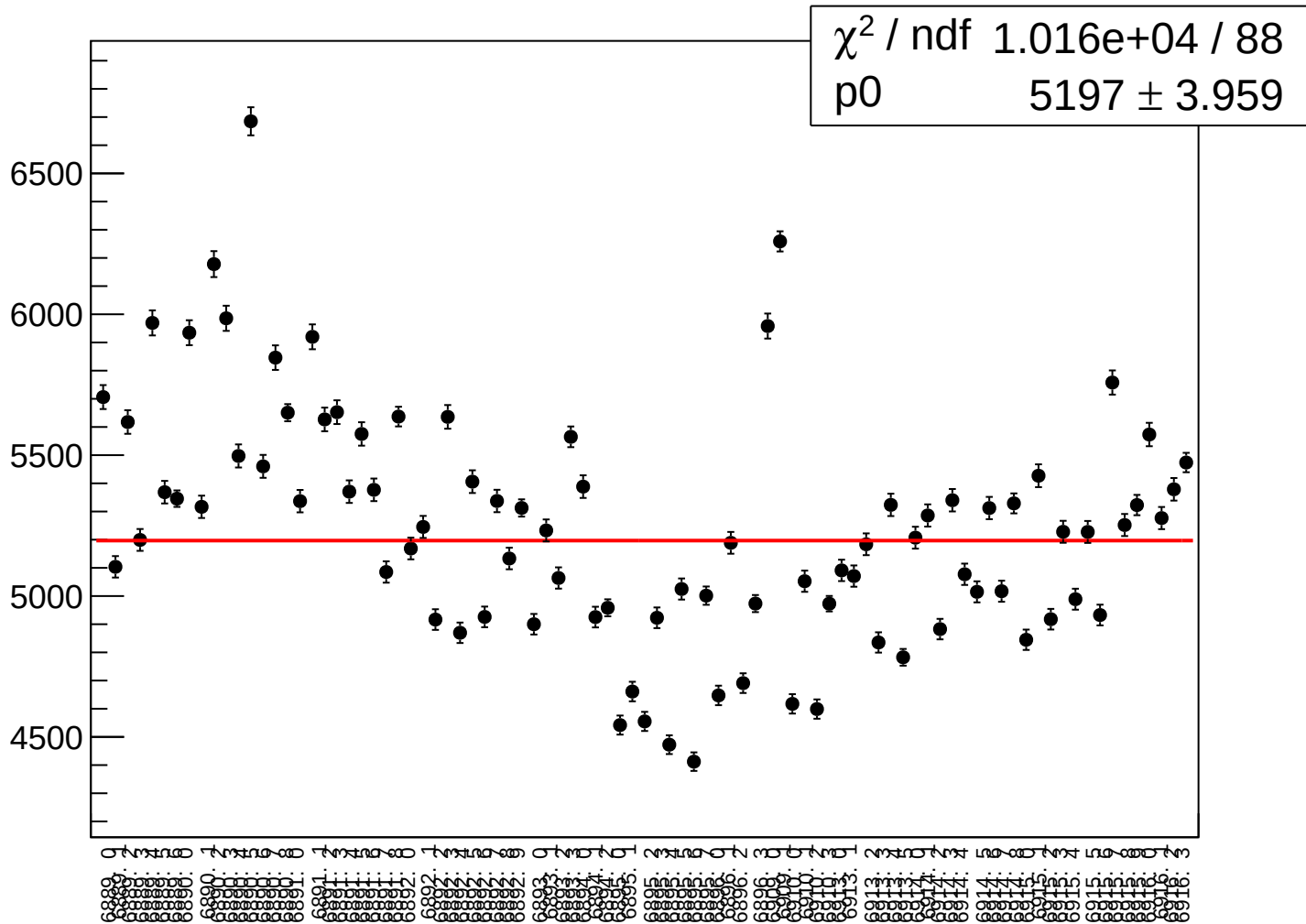
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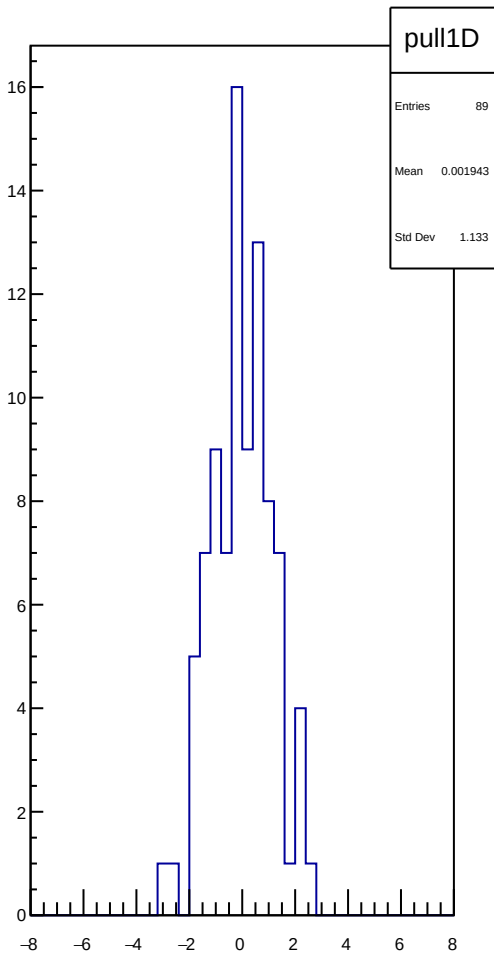
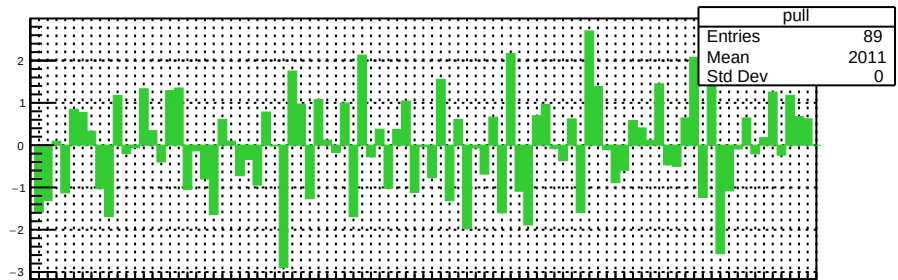
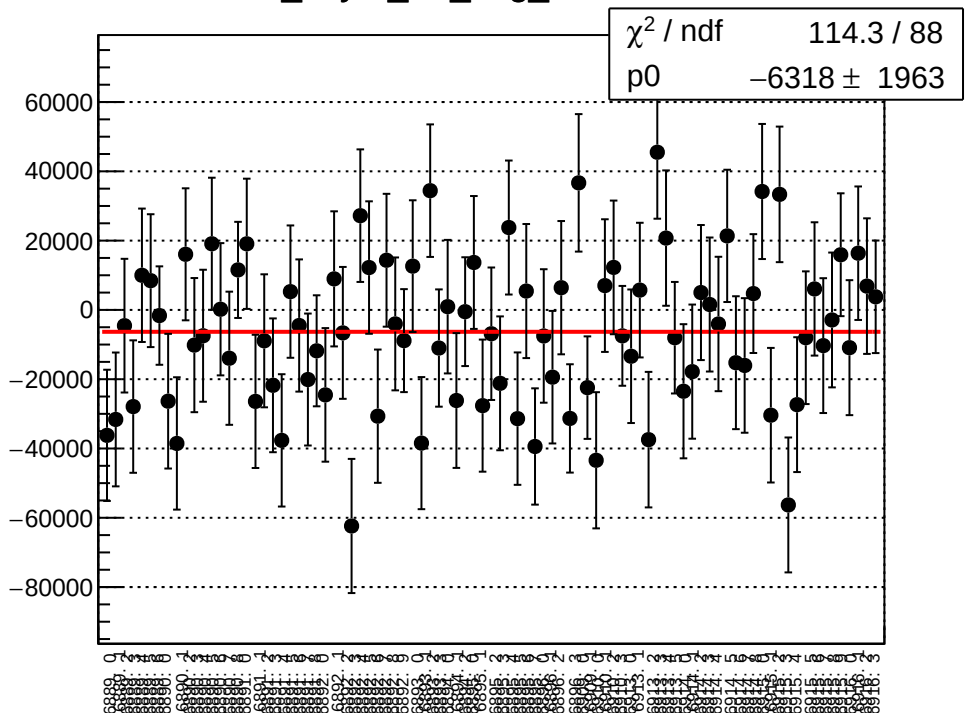
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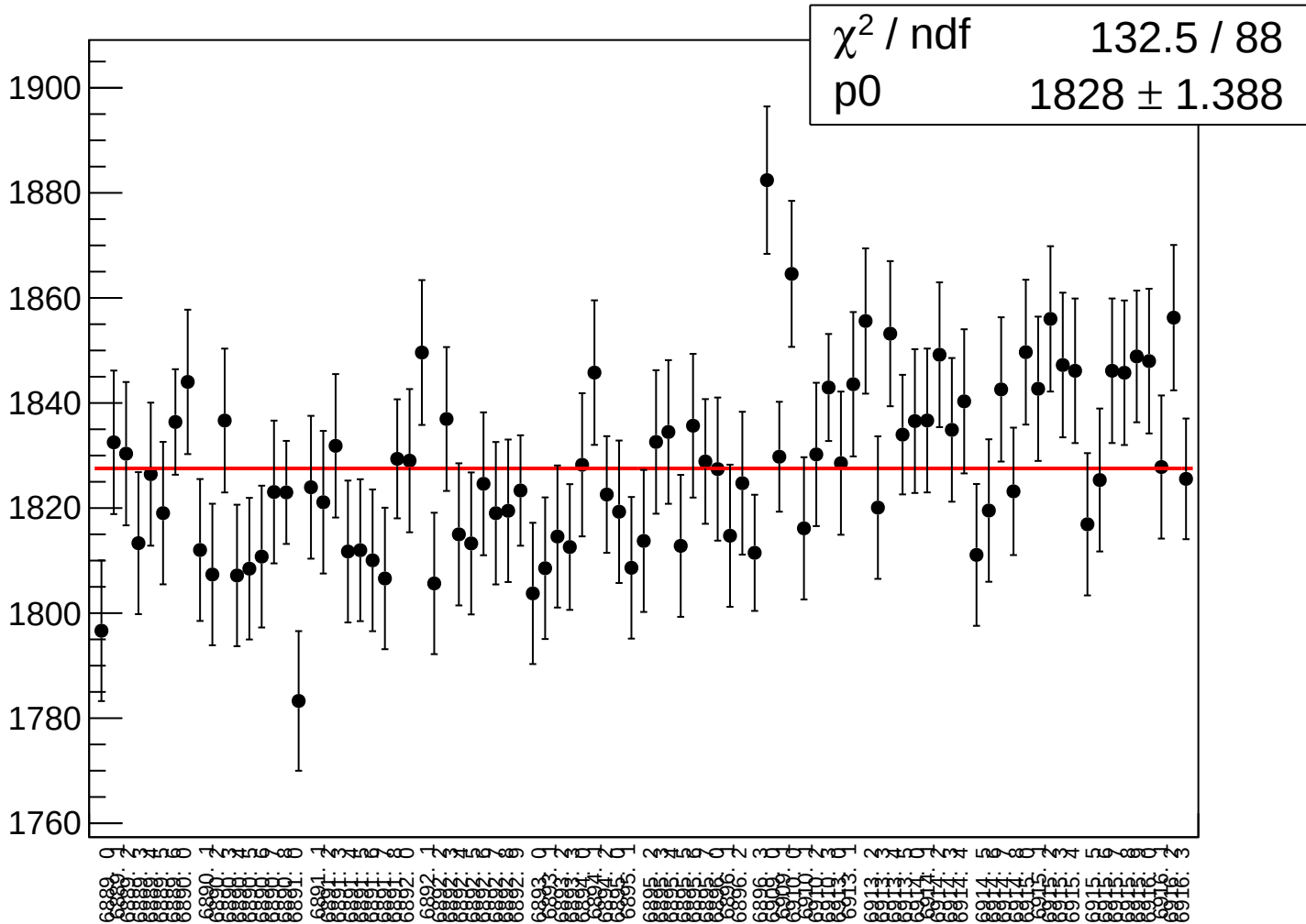
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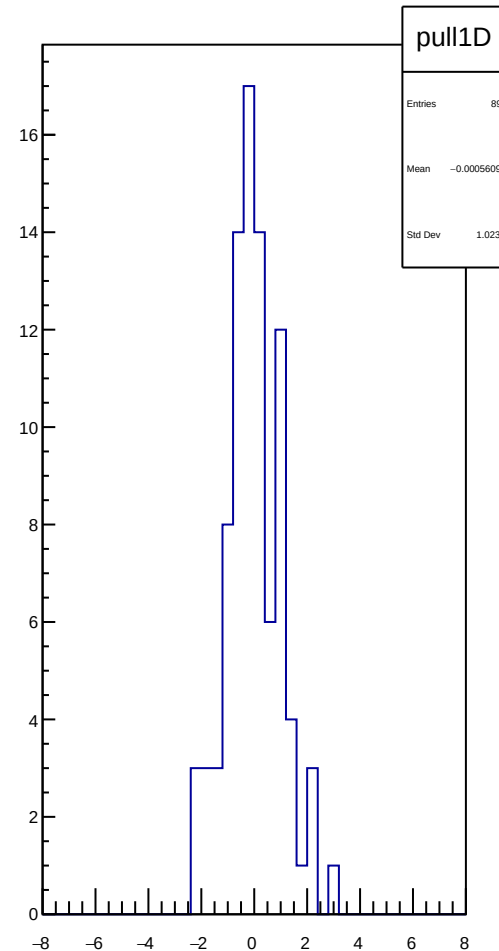
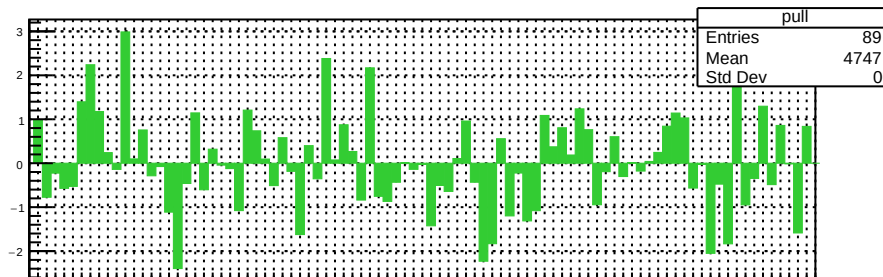
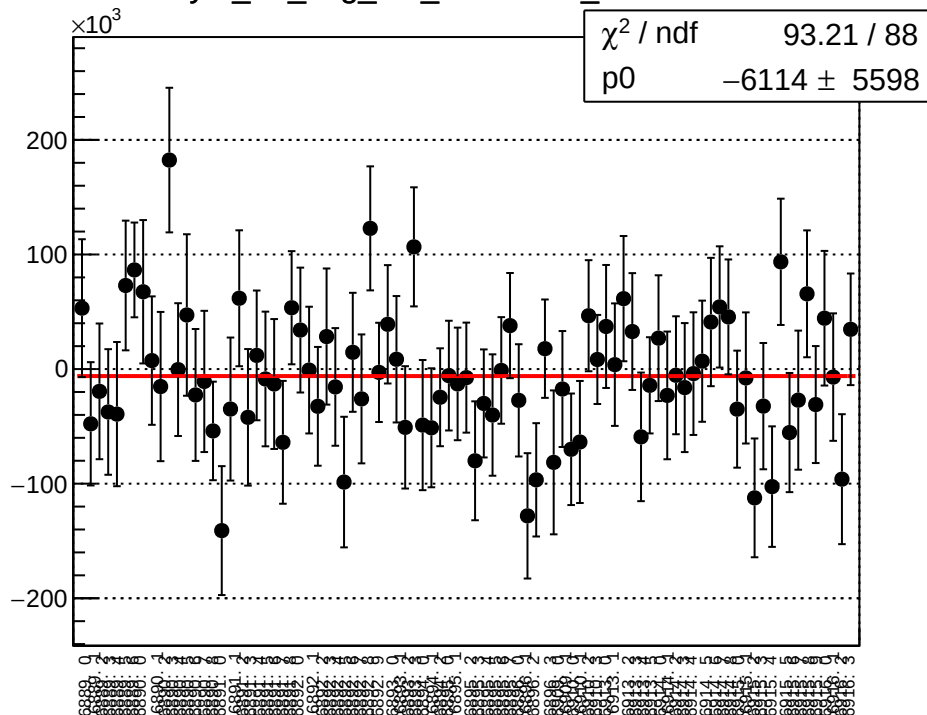
cor_asym_atr_avg_mean vs run



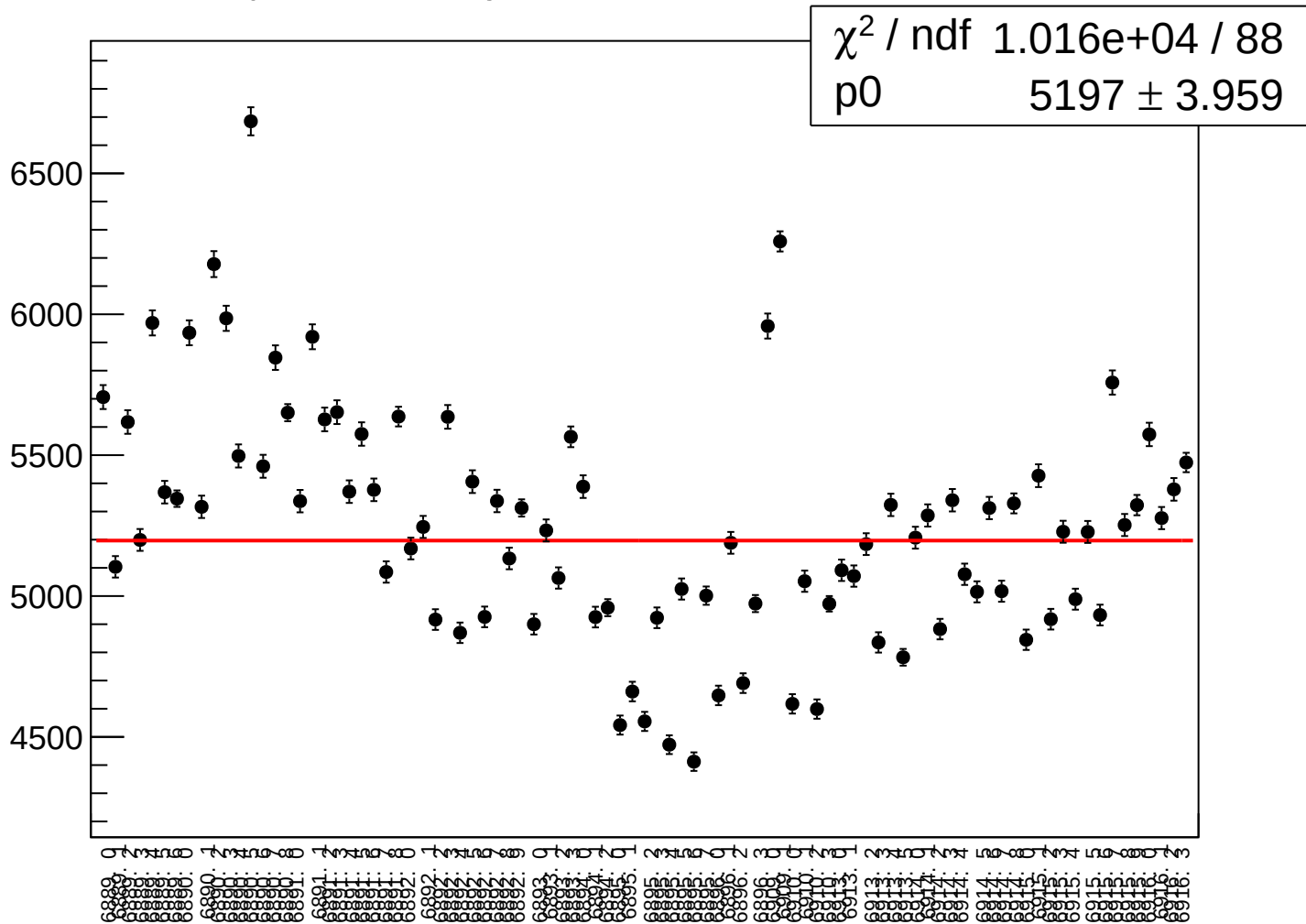
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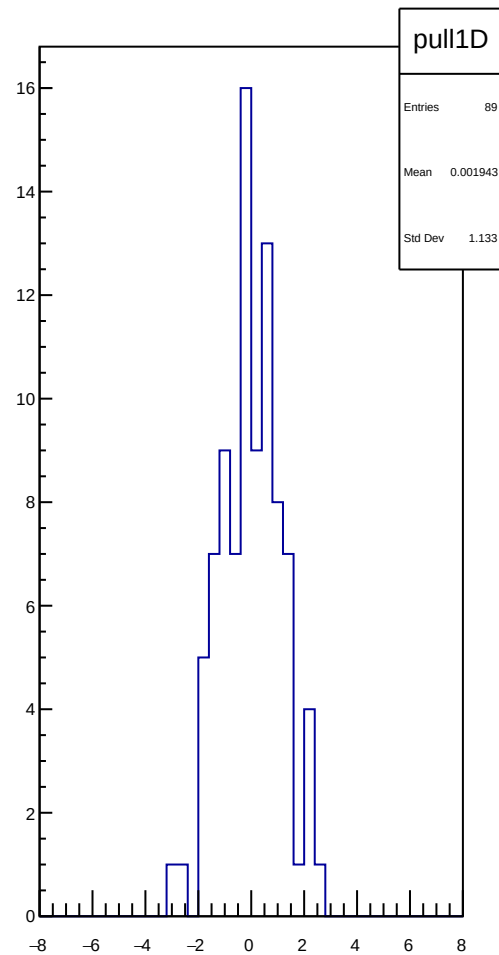
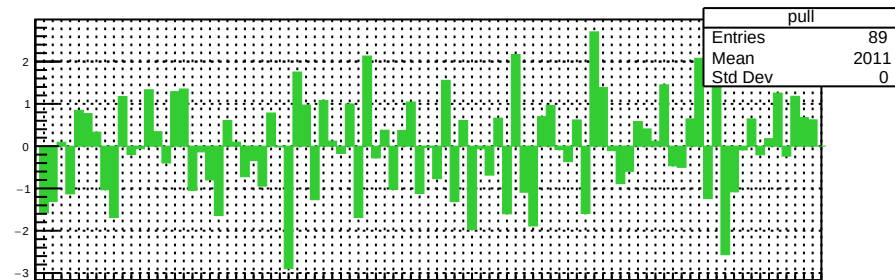
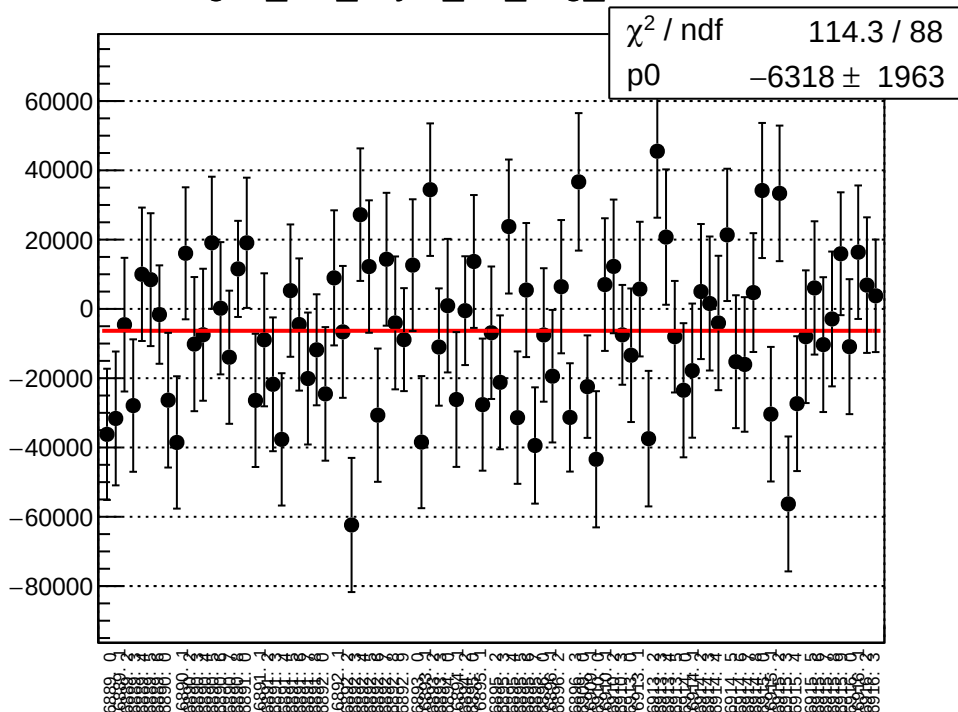
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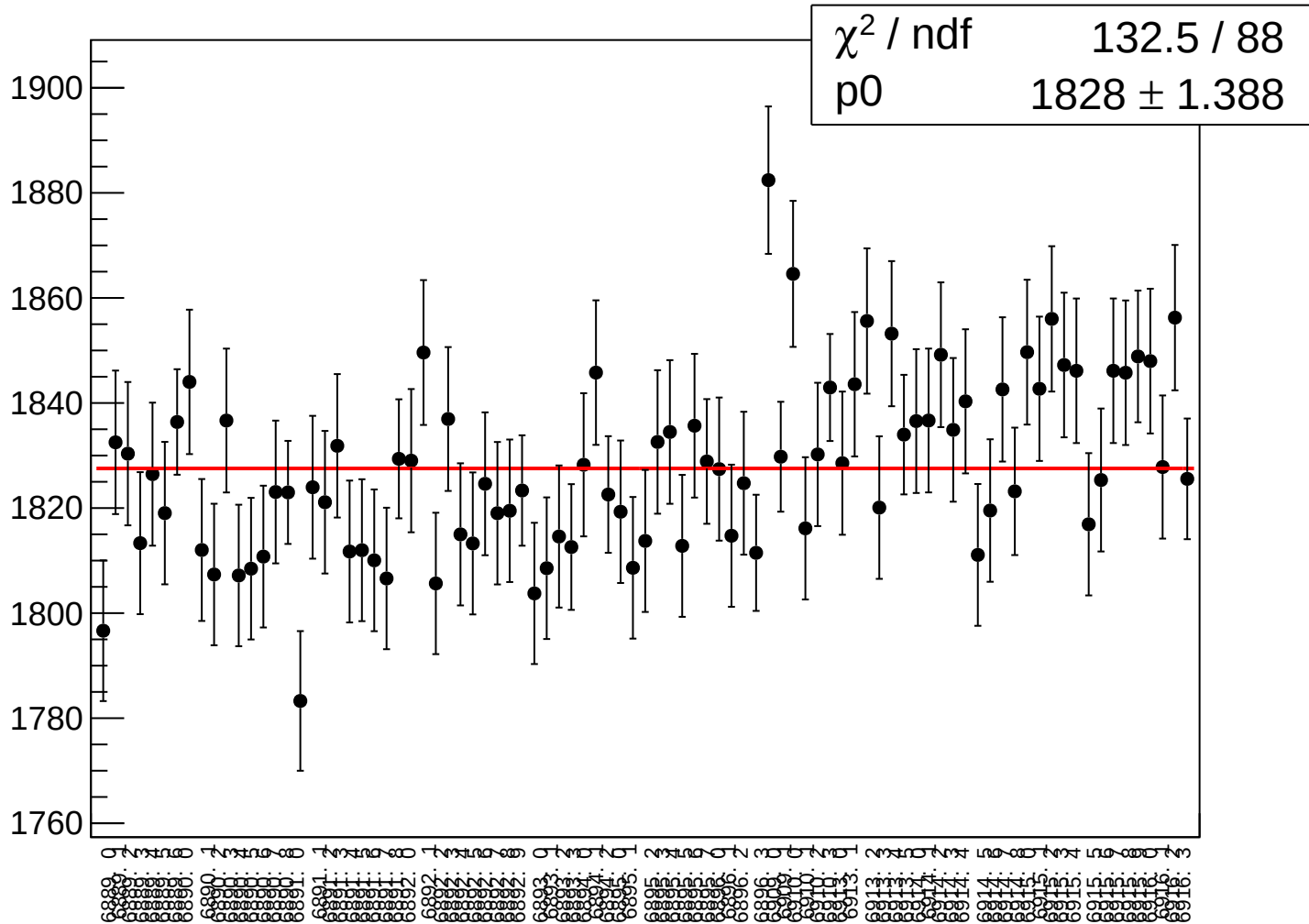
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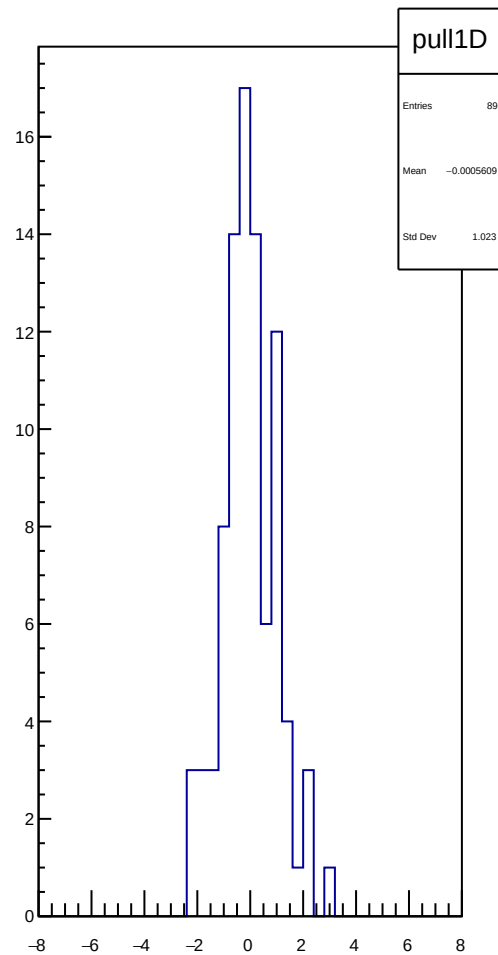
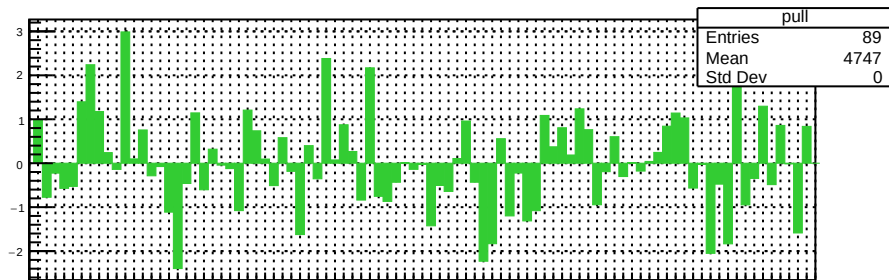
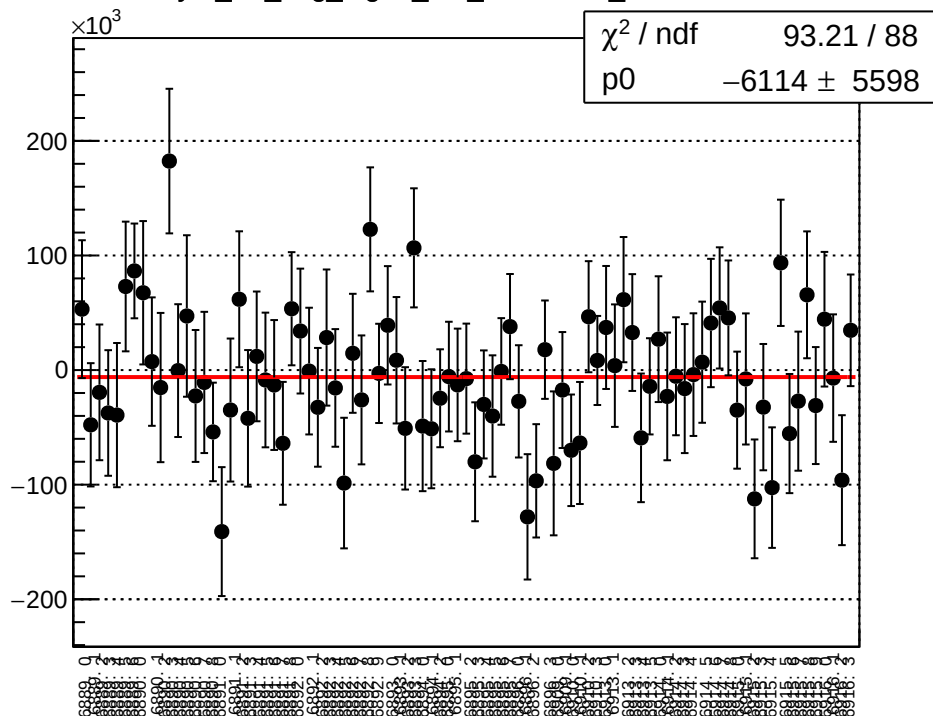
eigen_cor_asym_atr_avg_mean vs run



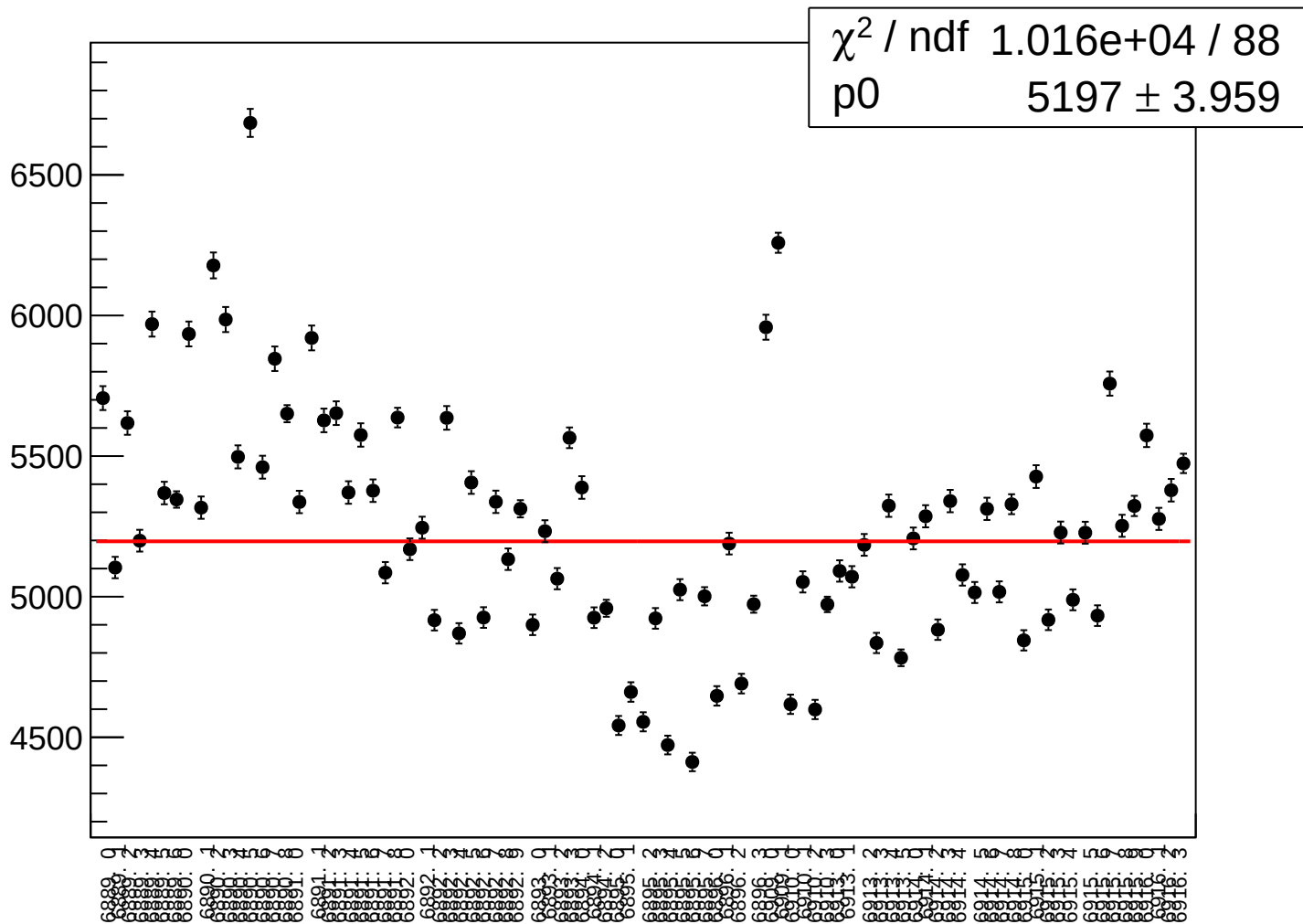
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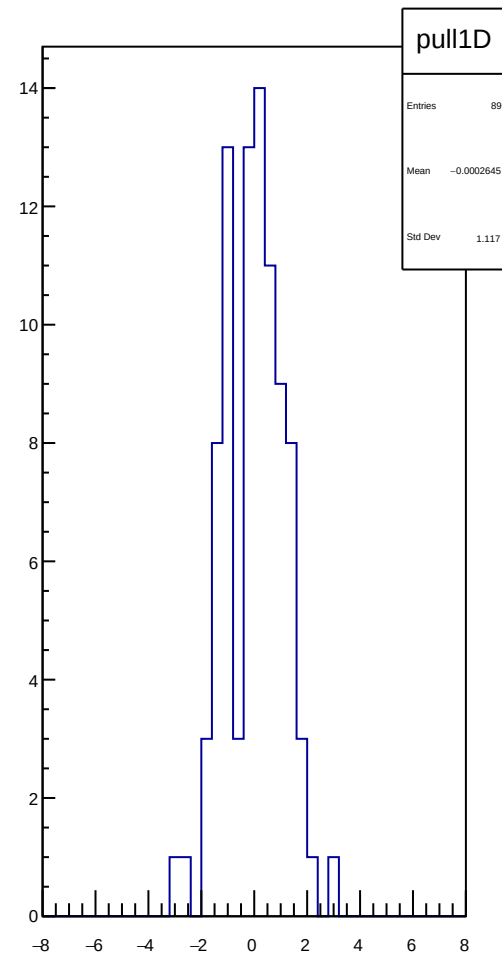
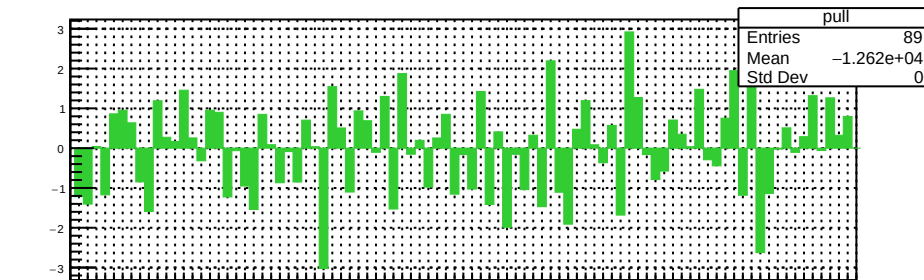
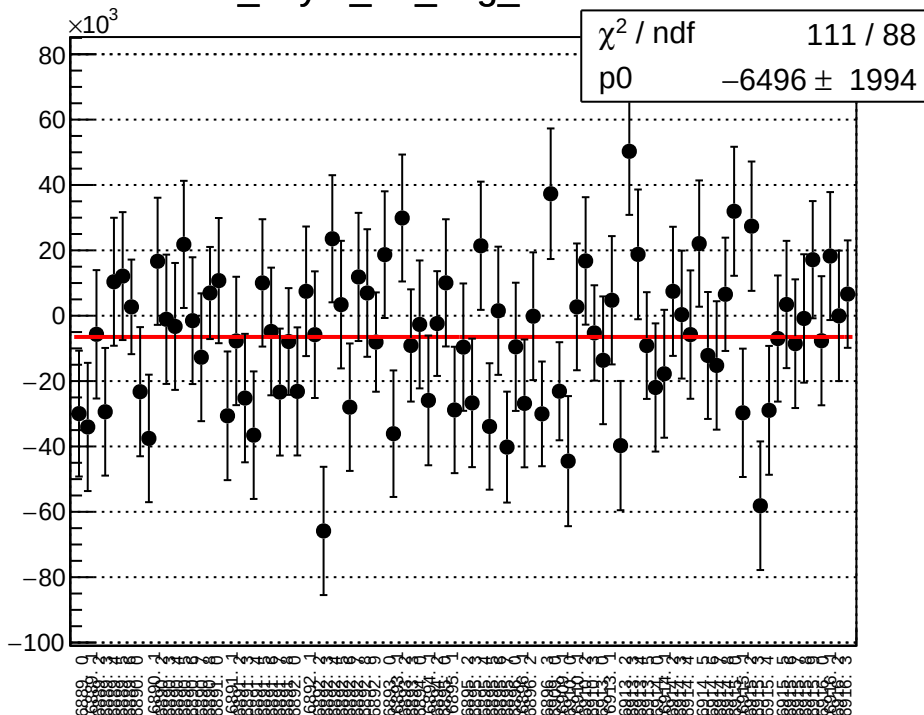
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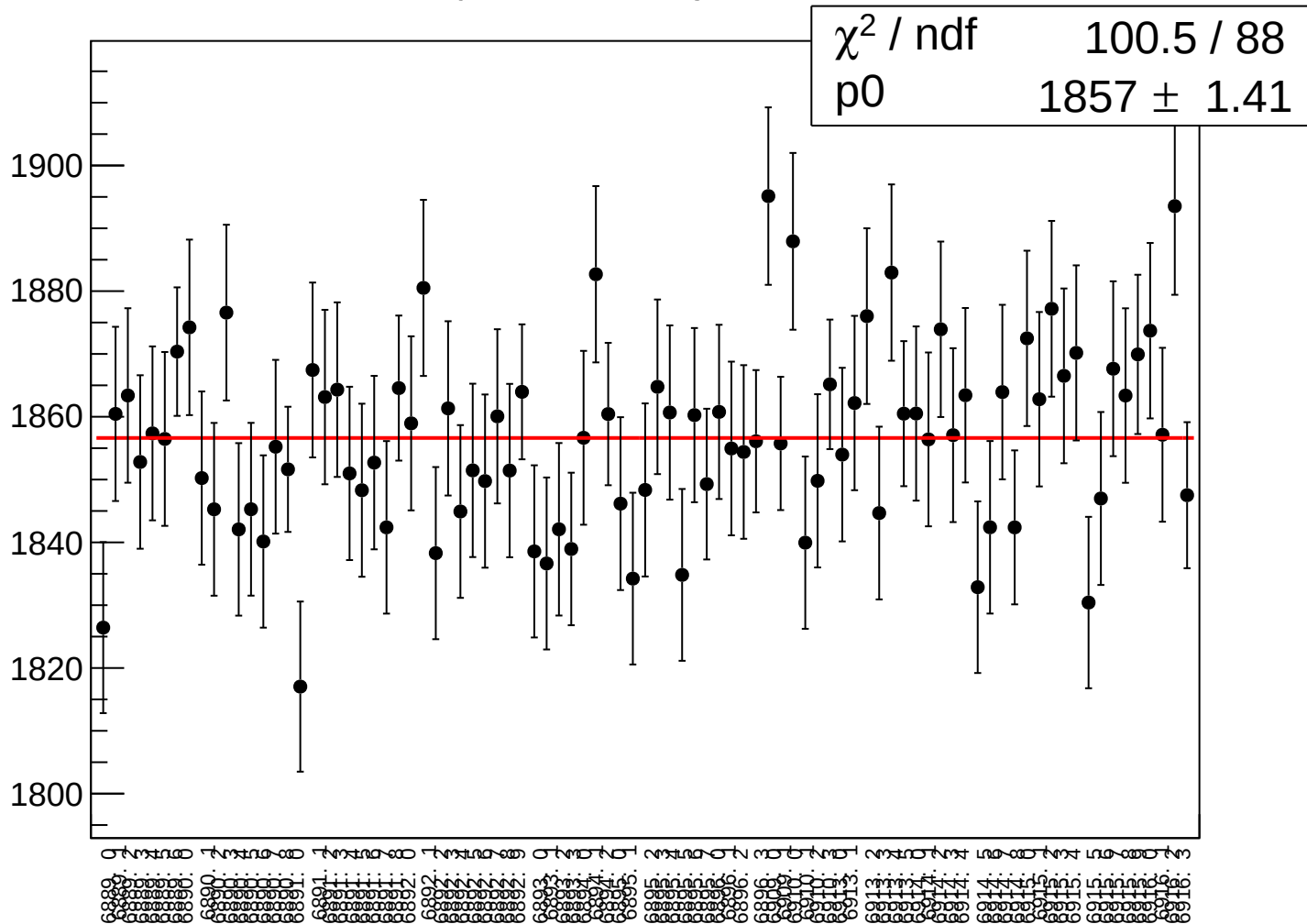
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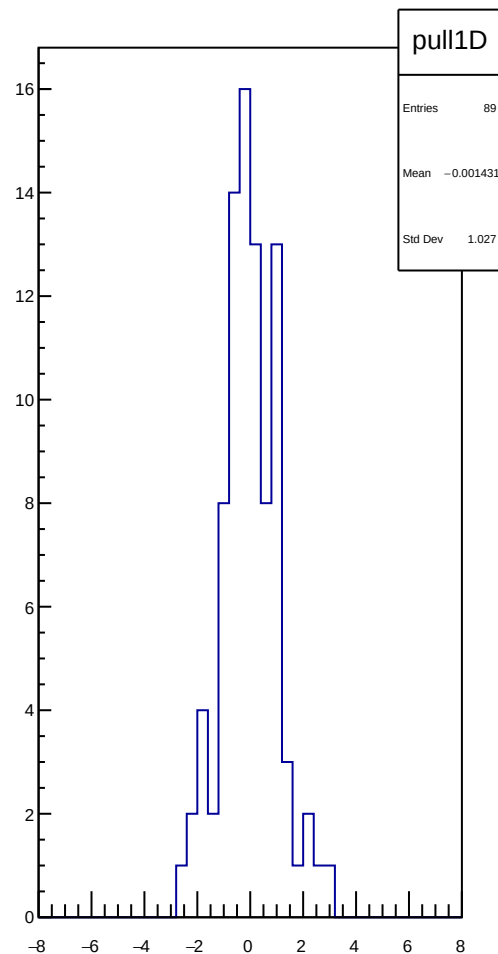
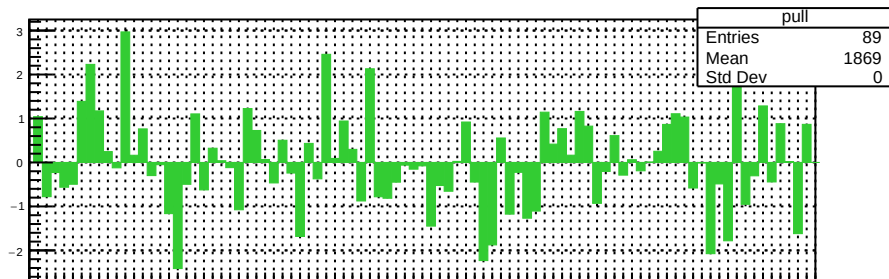
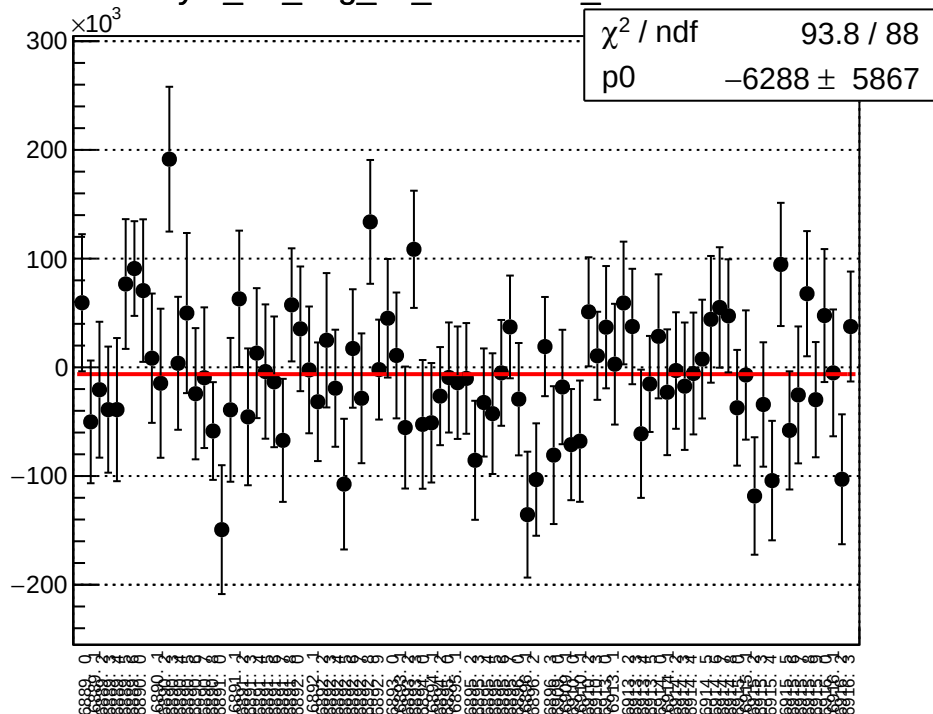
dit_asym_atr_avg_mean vs run



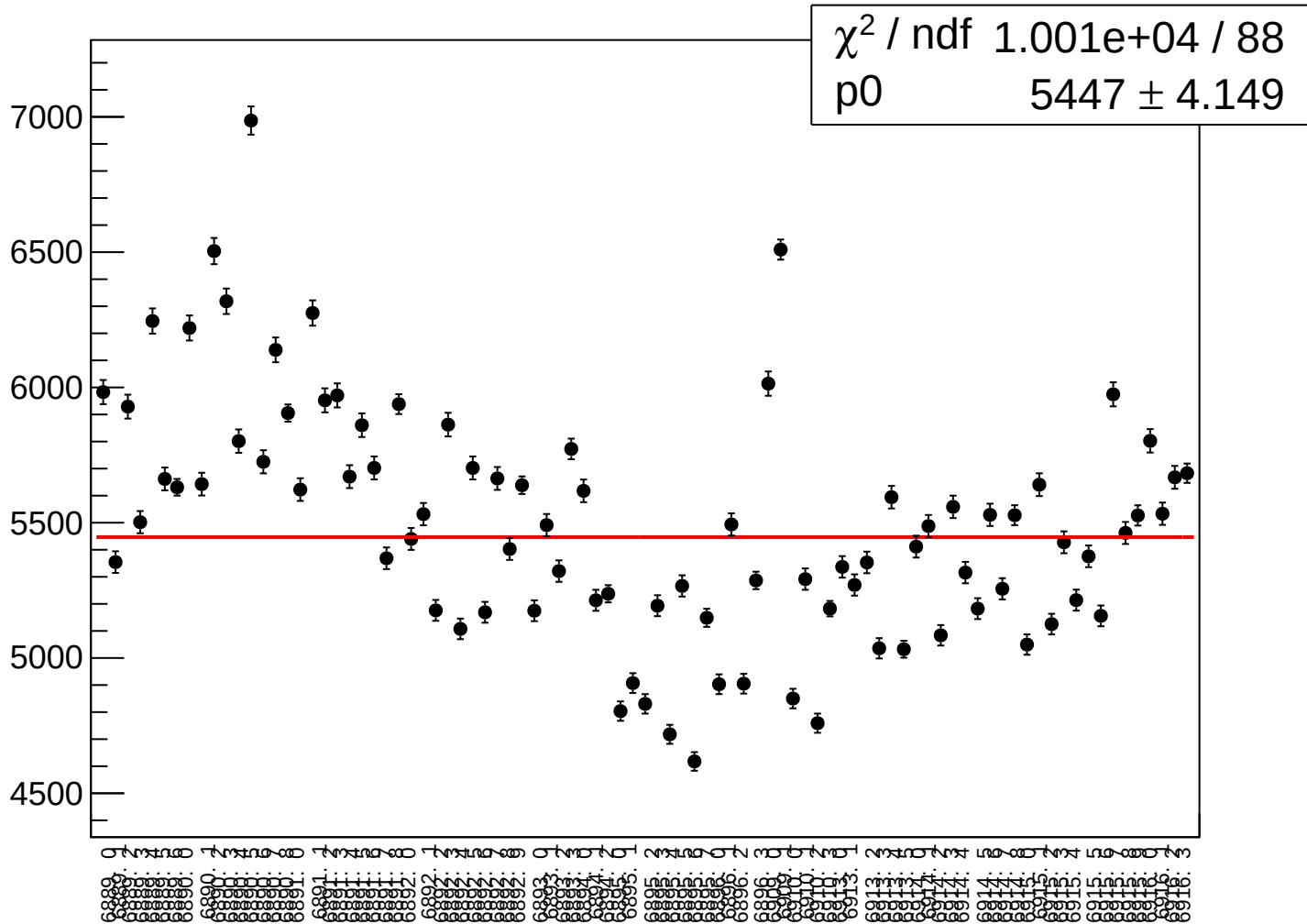
dit_asym_atr_avg_rms vs run



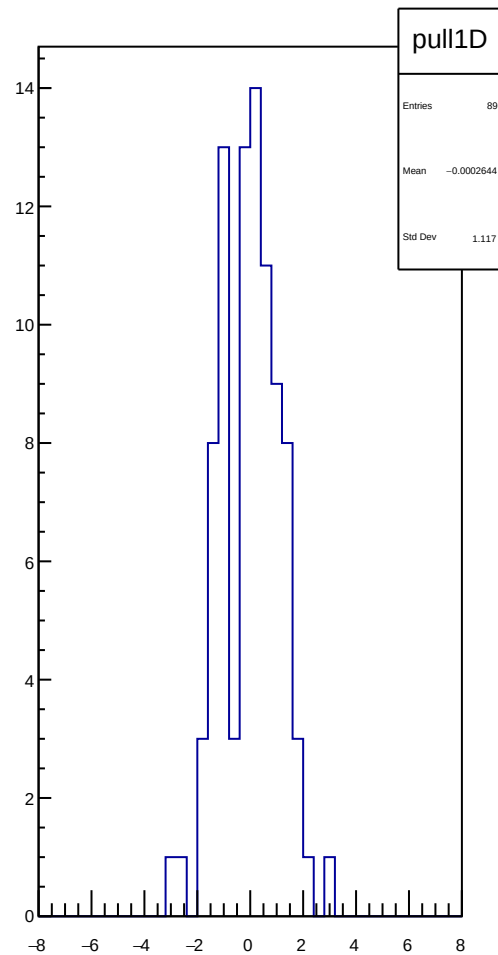
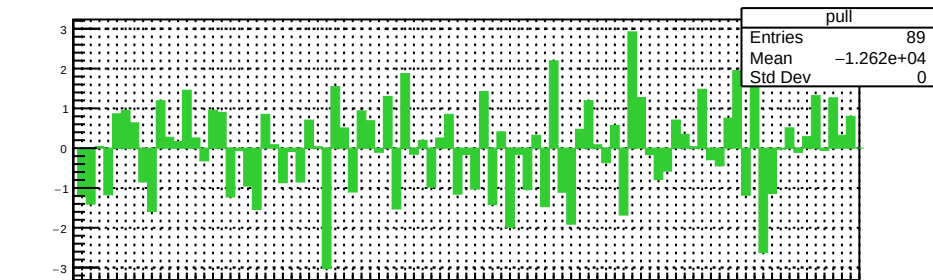
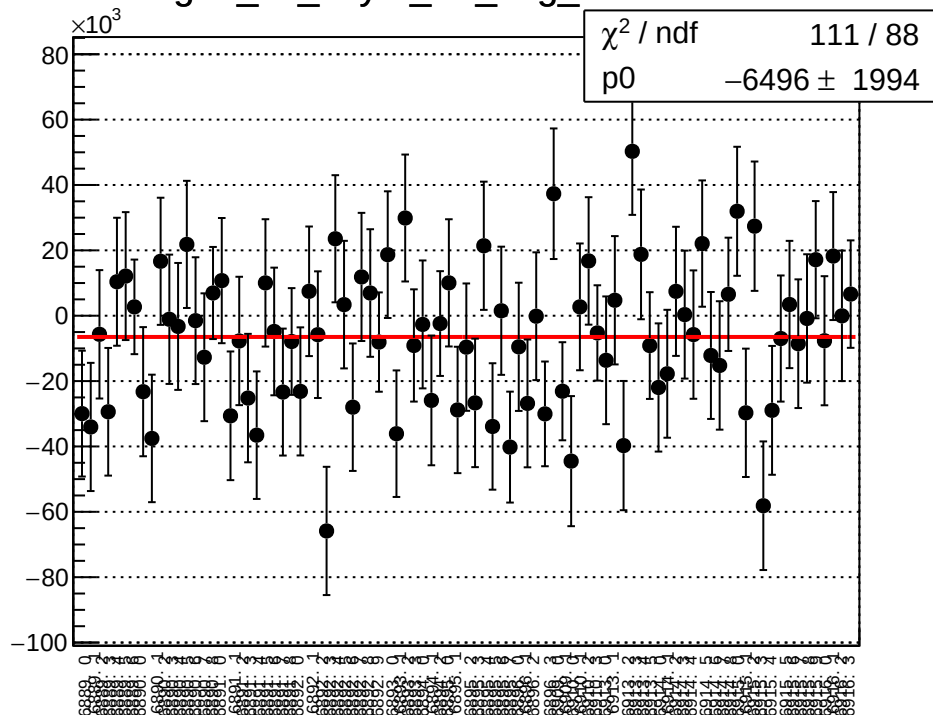
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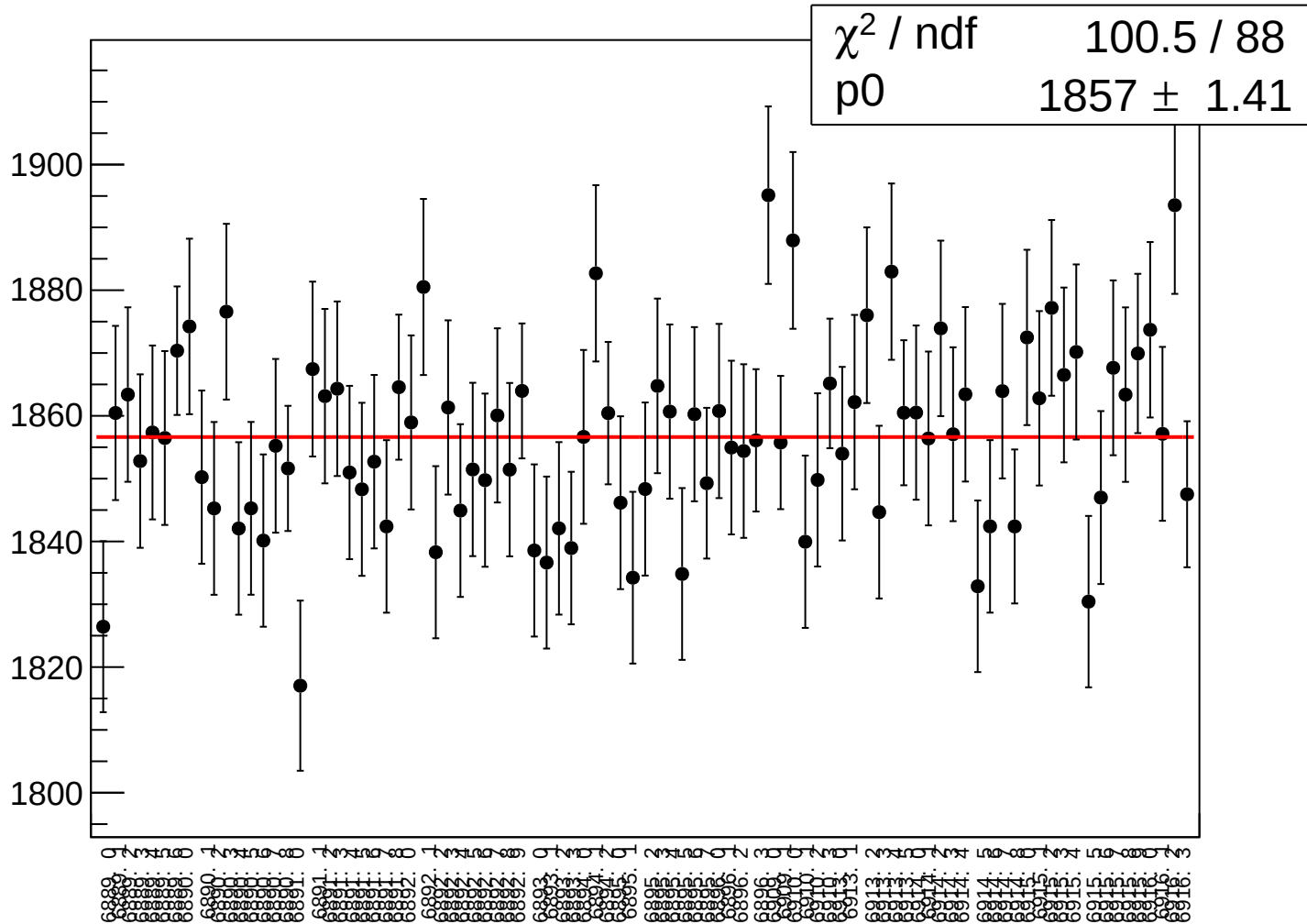
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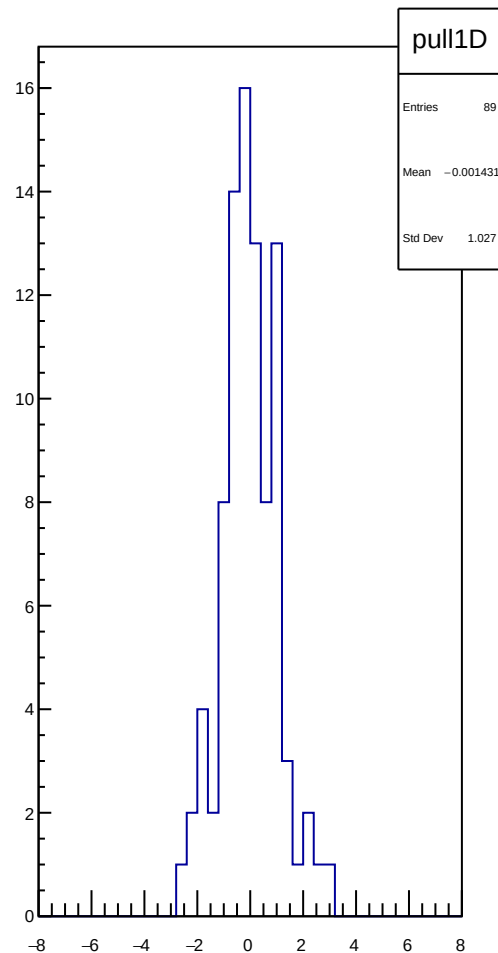
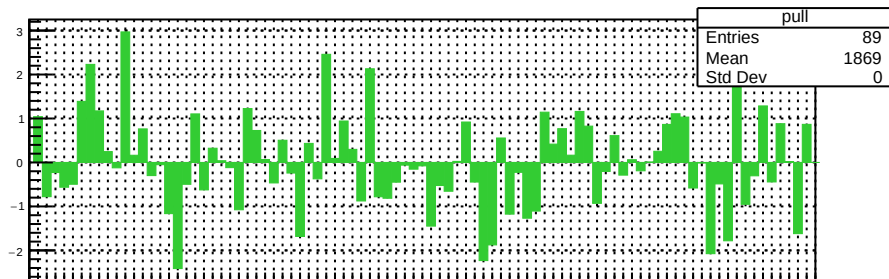
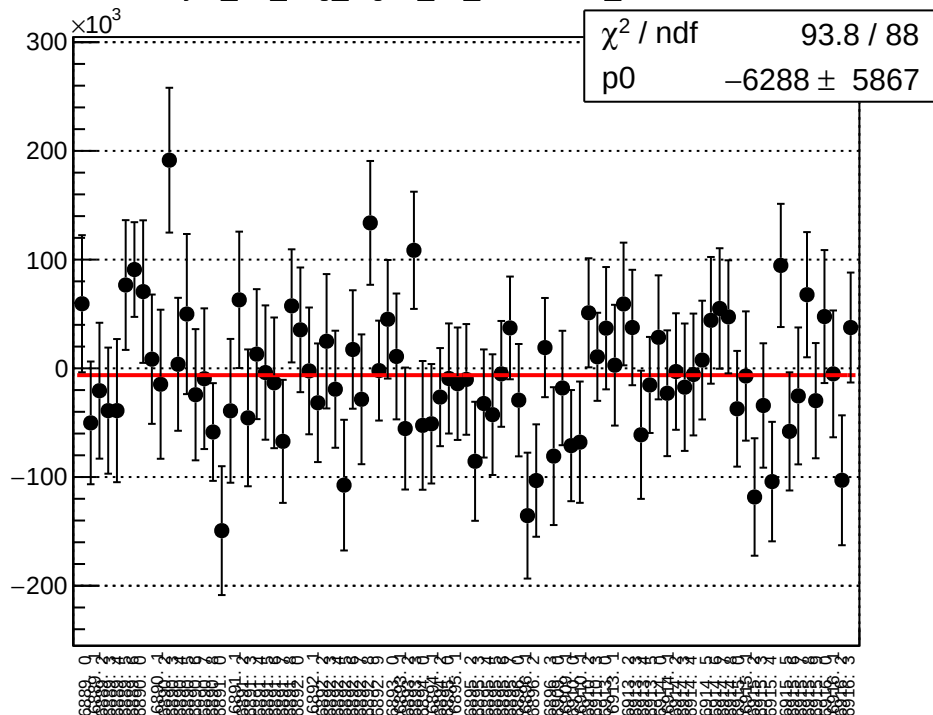
eigen_dit_asym_atr_avg_mean vs run



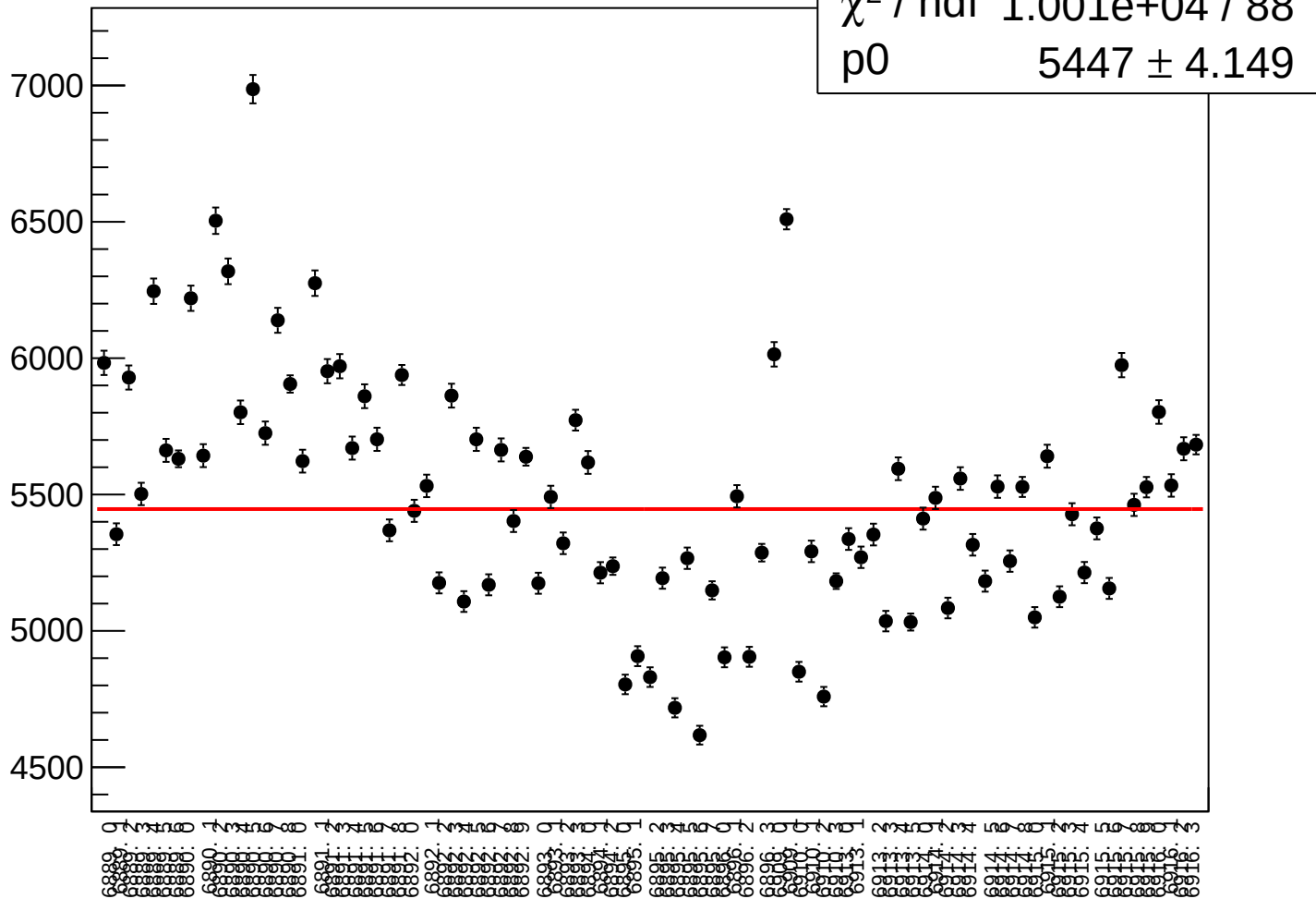
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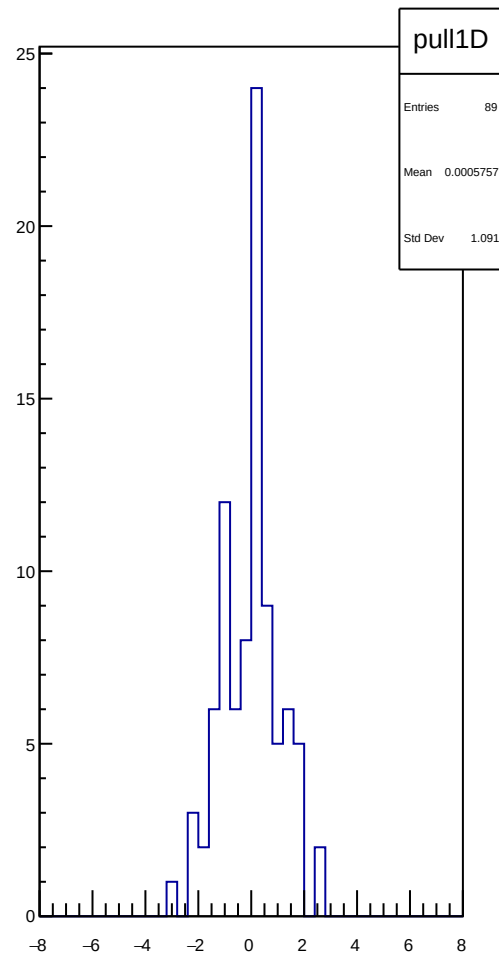
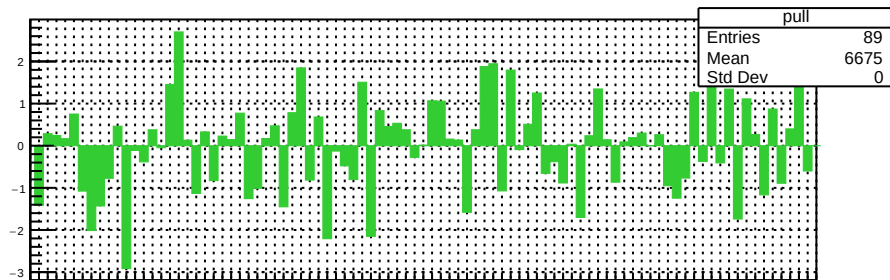
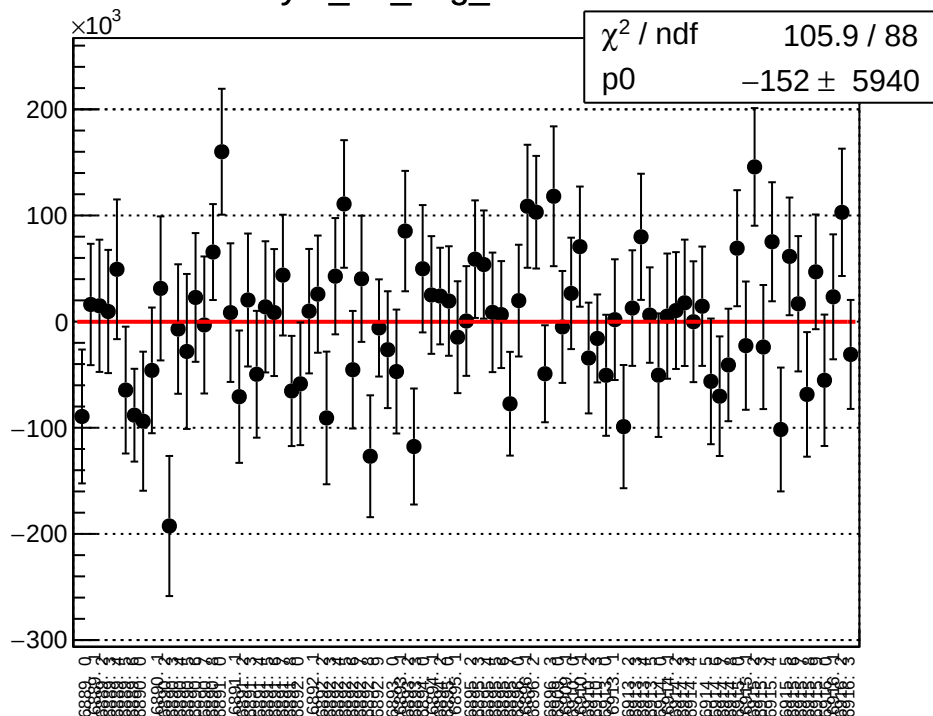
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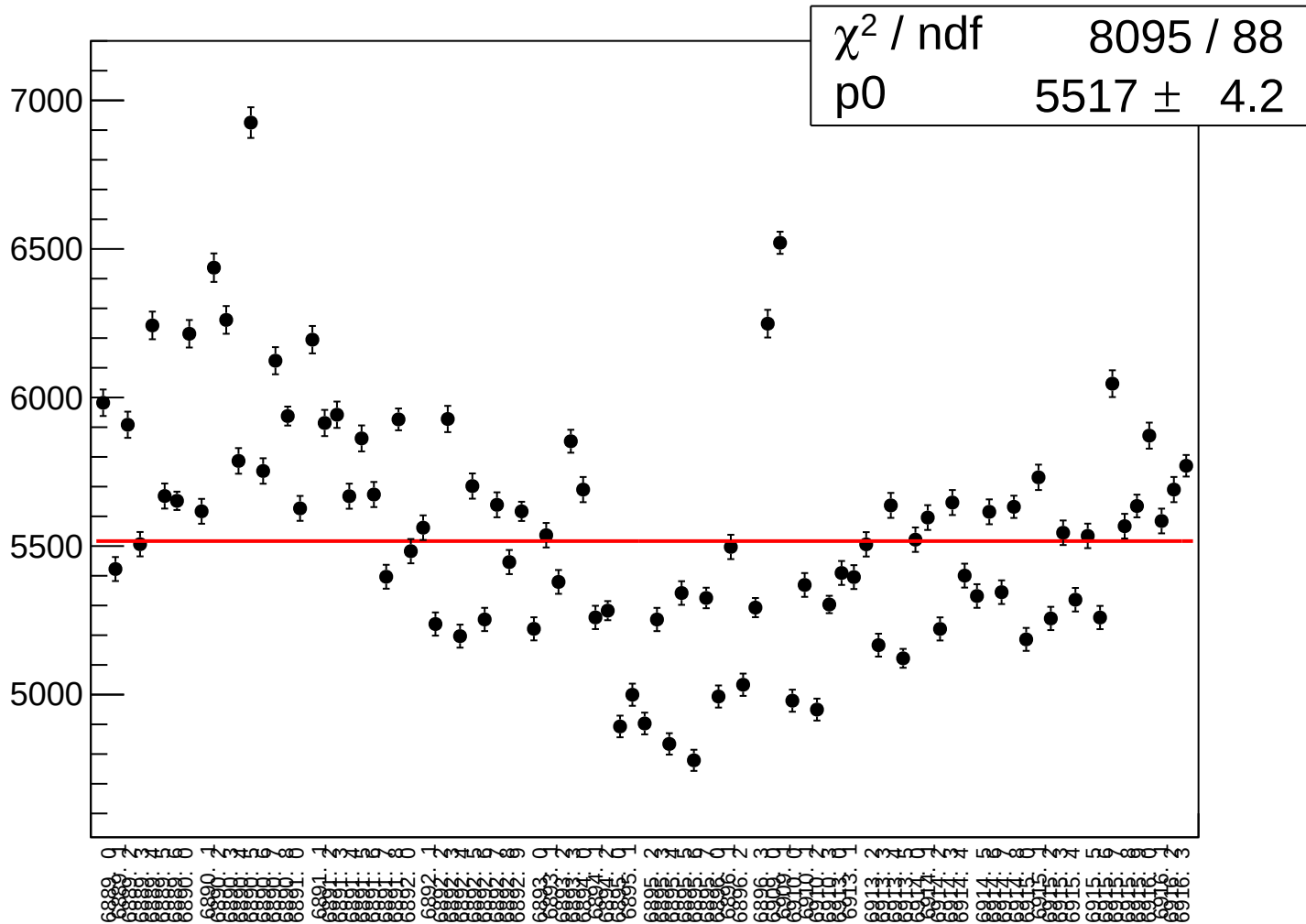
χ^2 / ndf 1.001e+04 / 88
p0 5447 $\pm$ 4.149



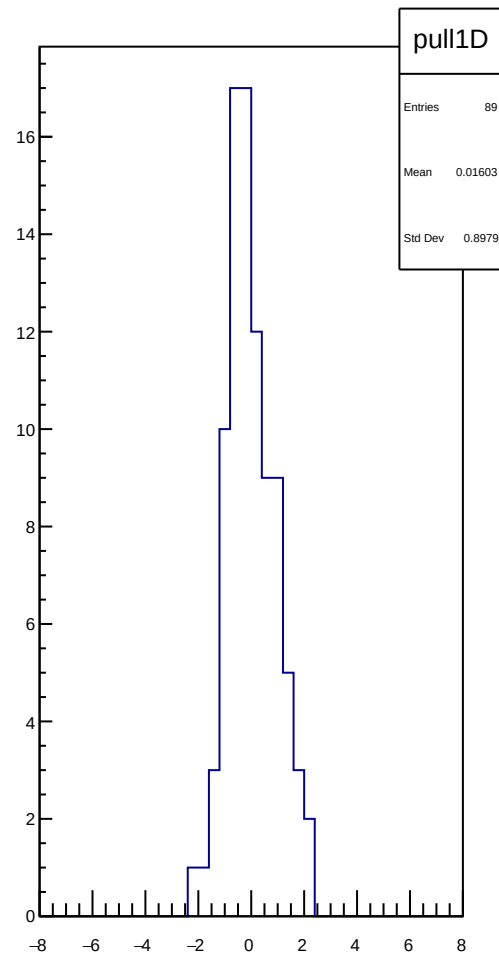
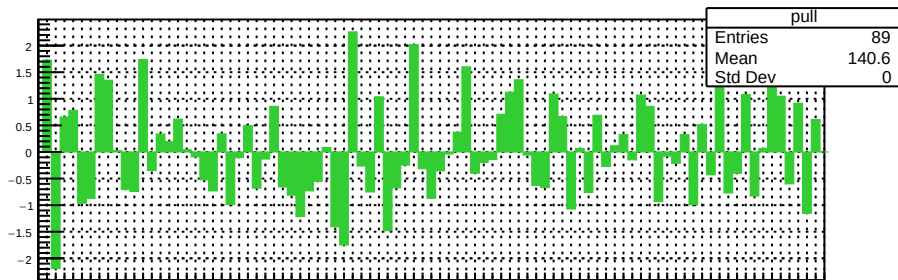
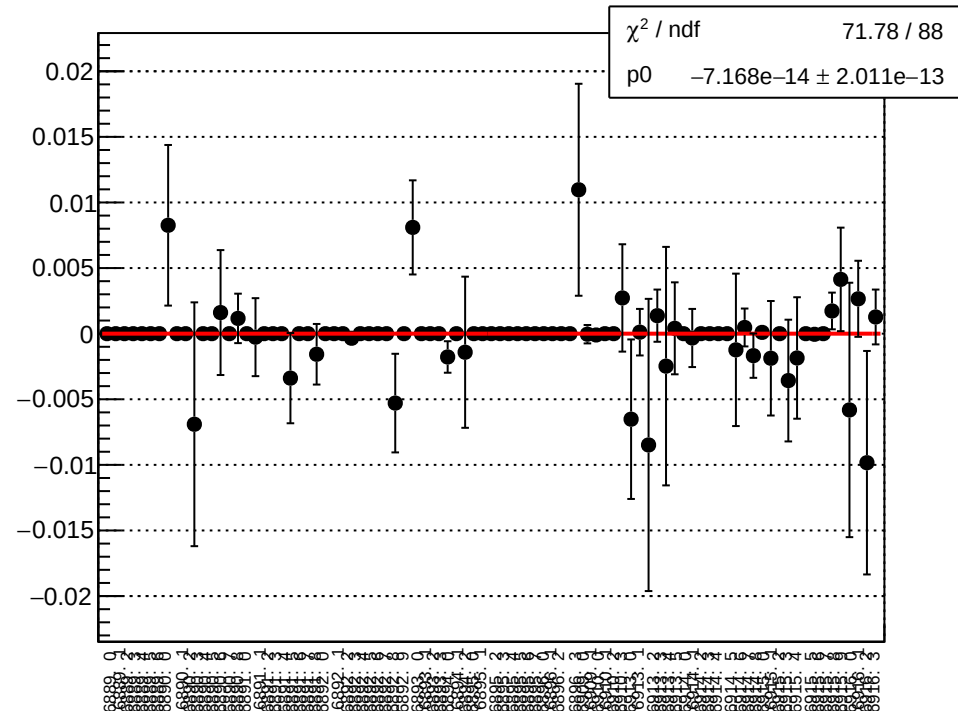
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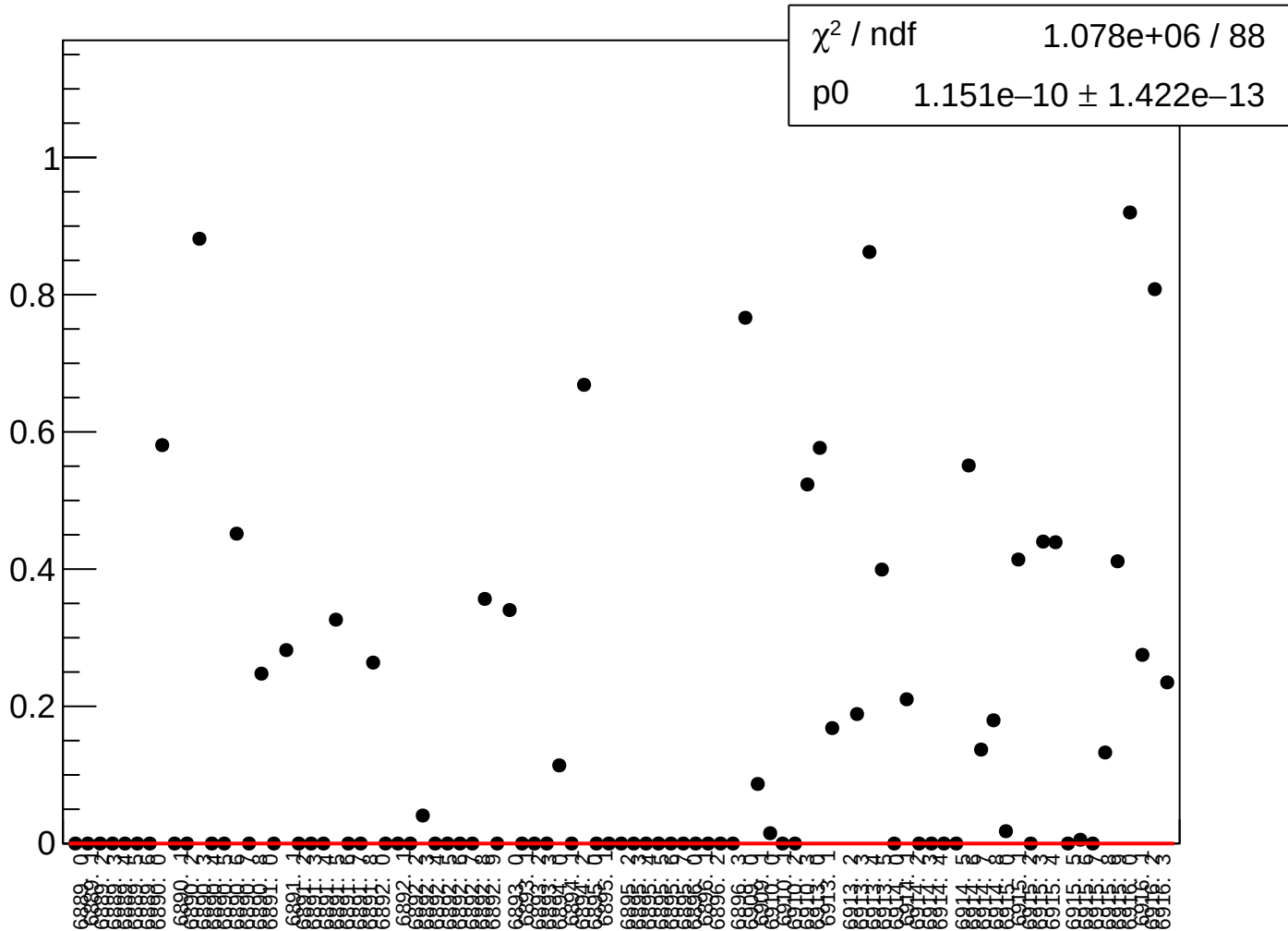
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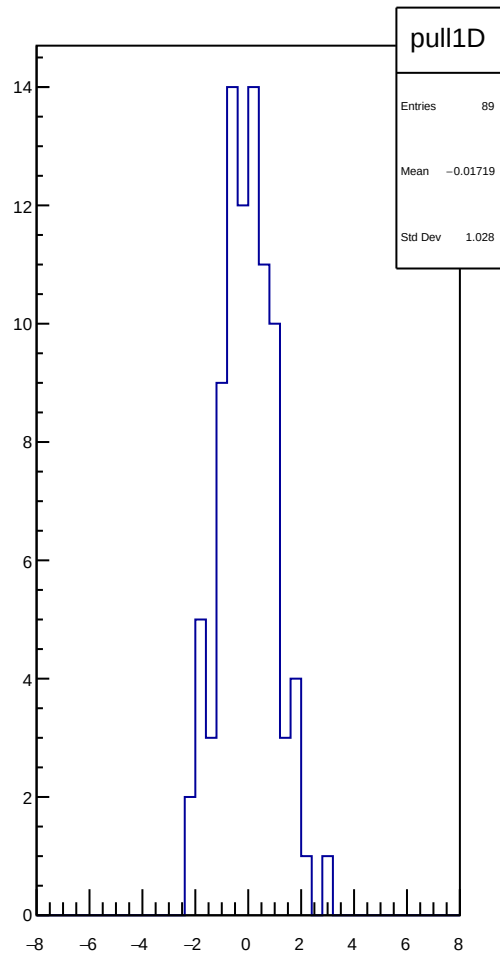
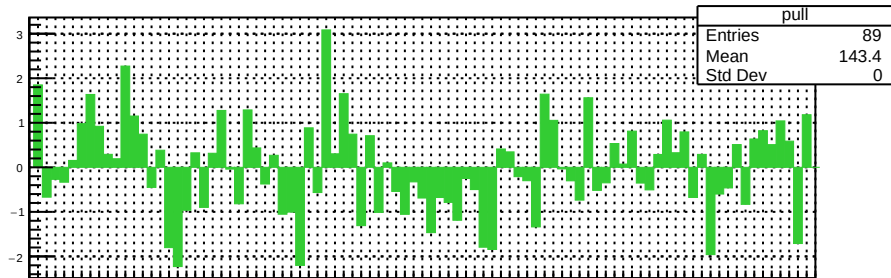
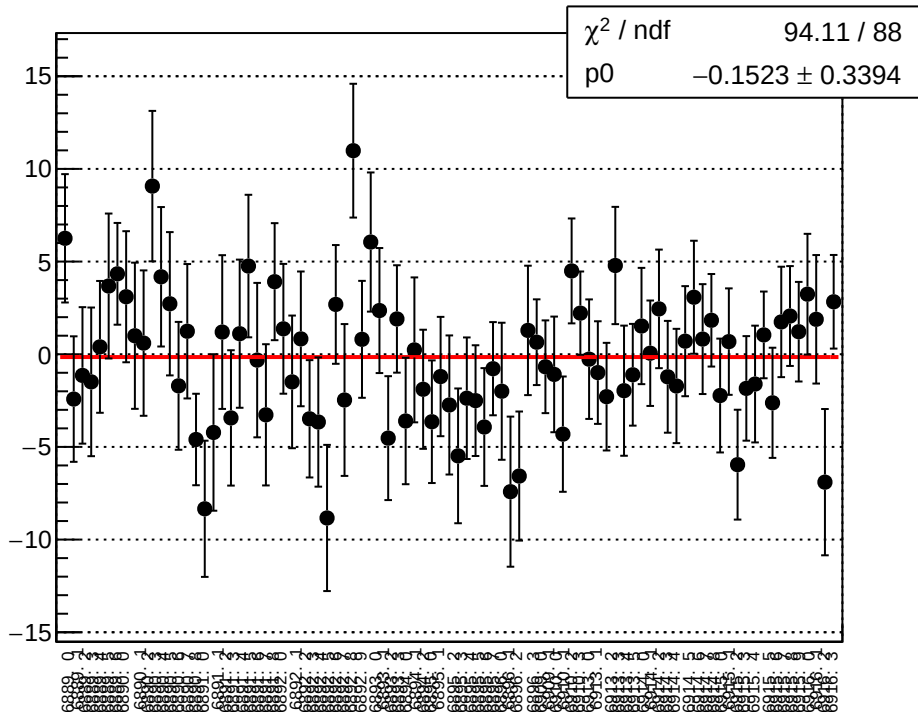
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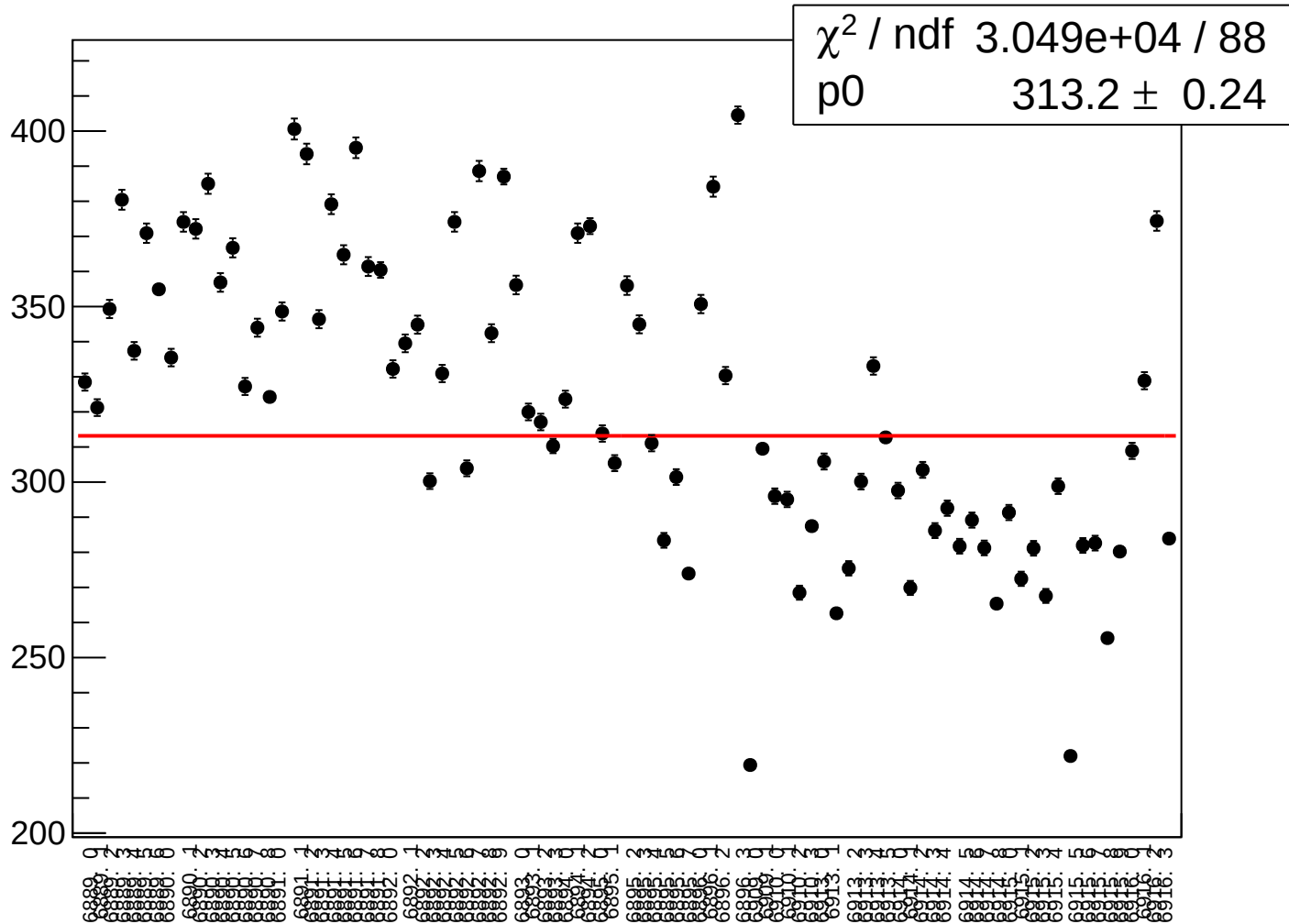
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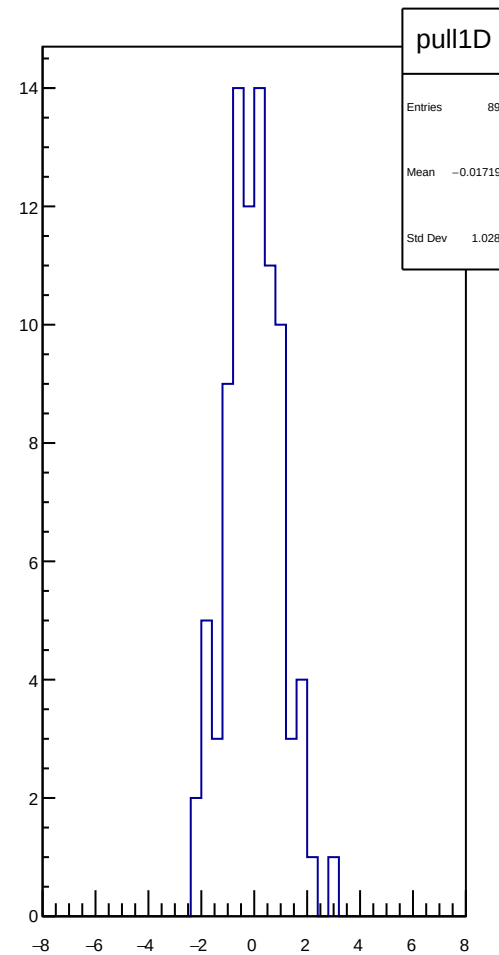
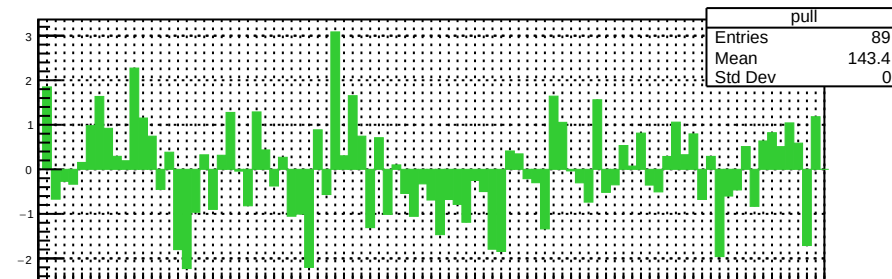
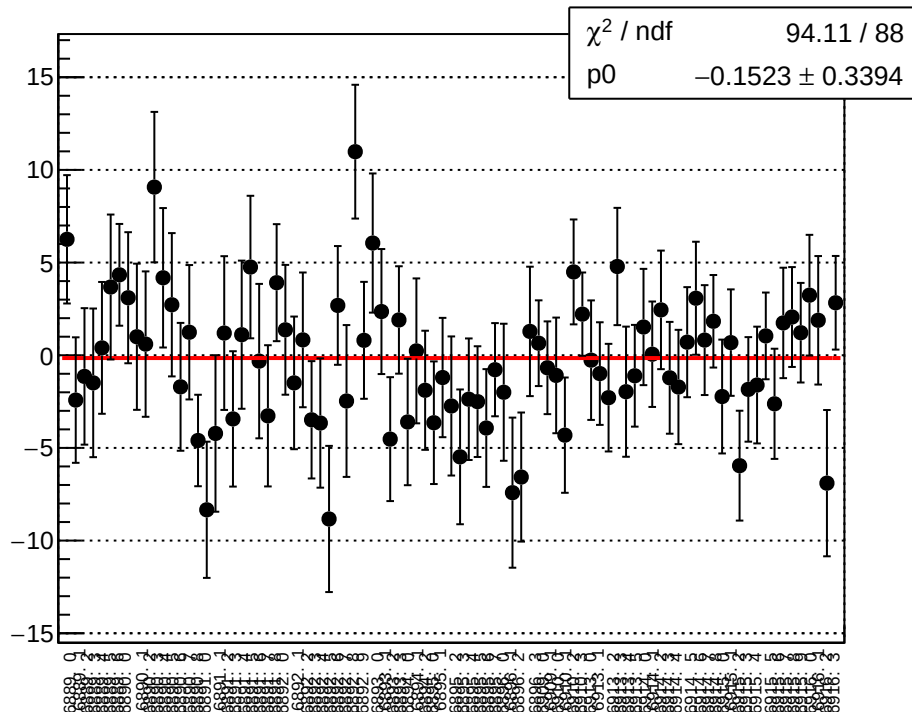
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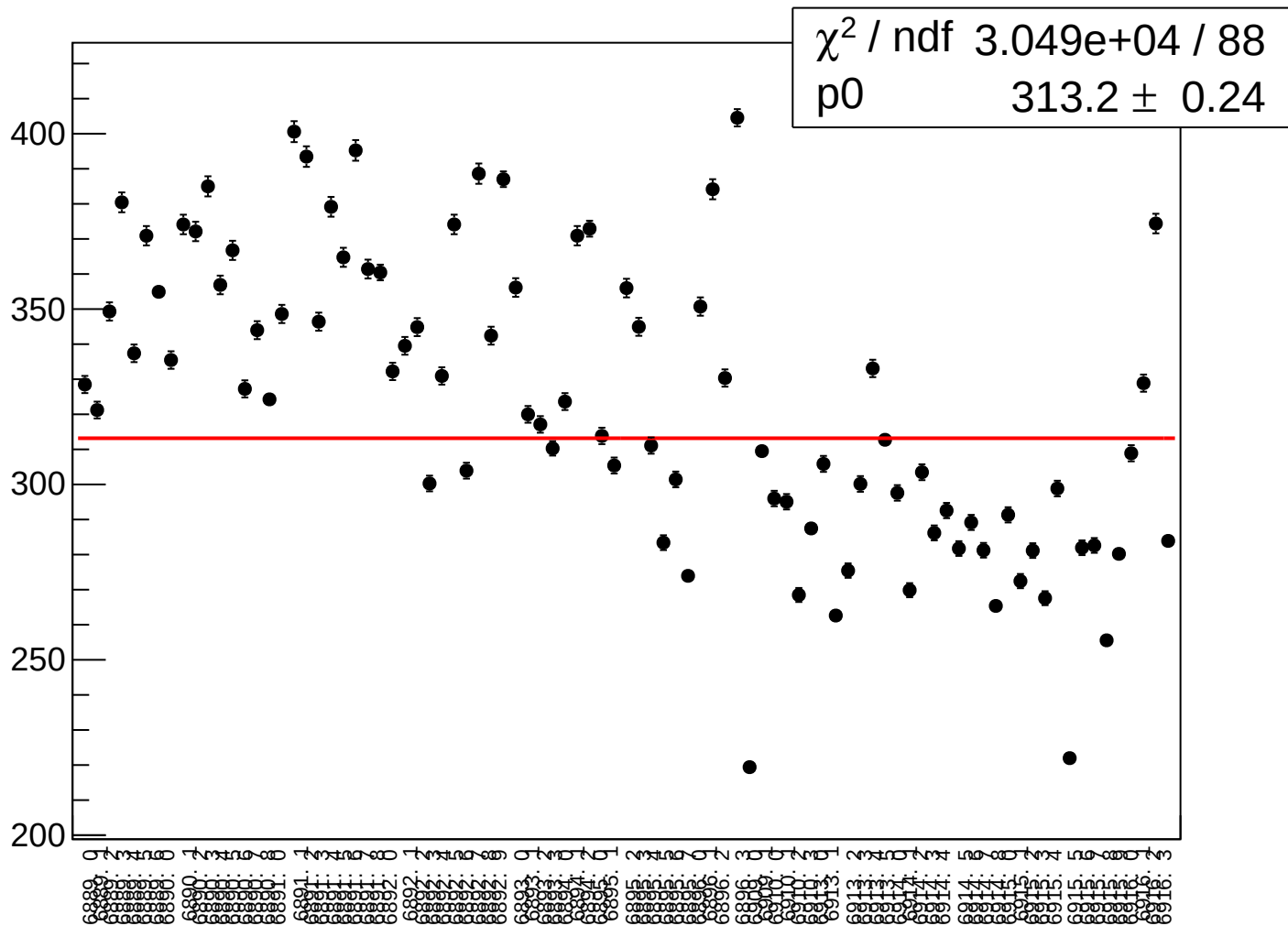
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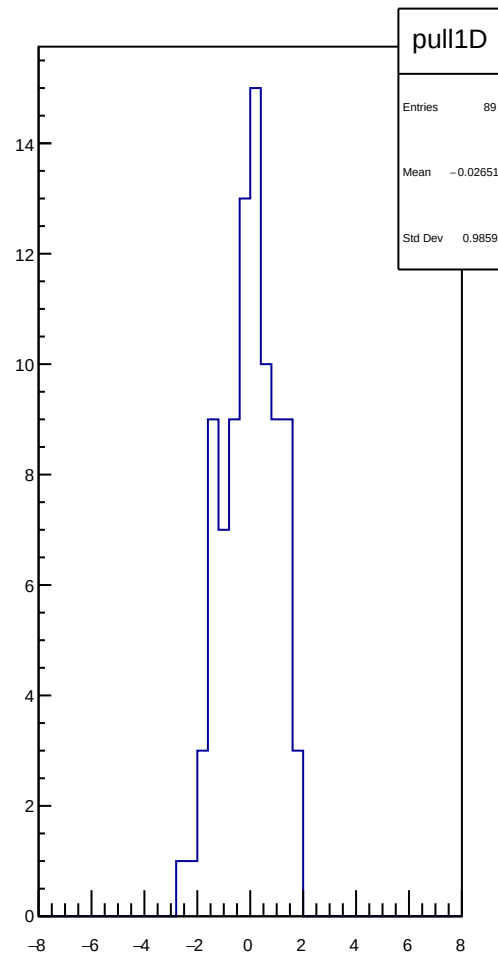
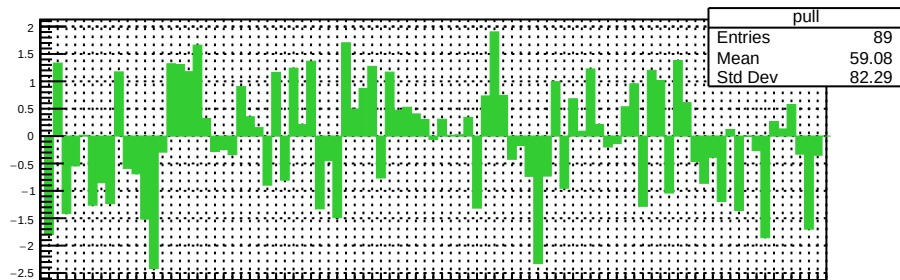
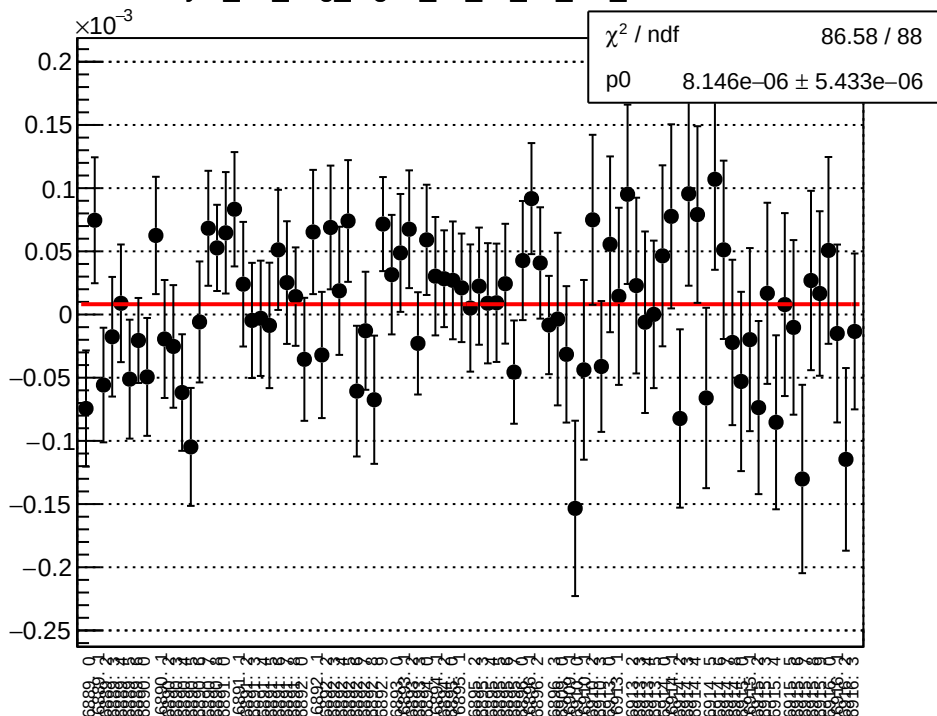
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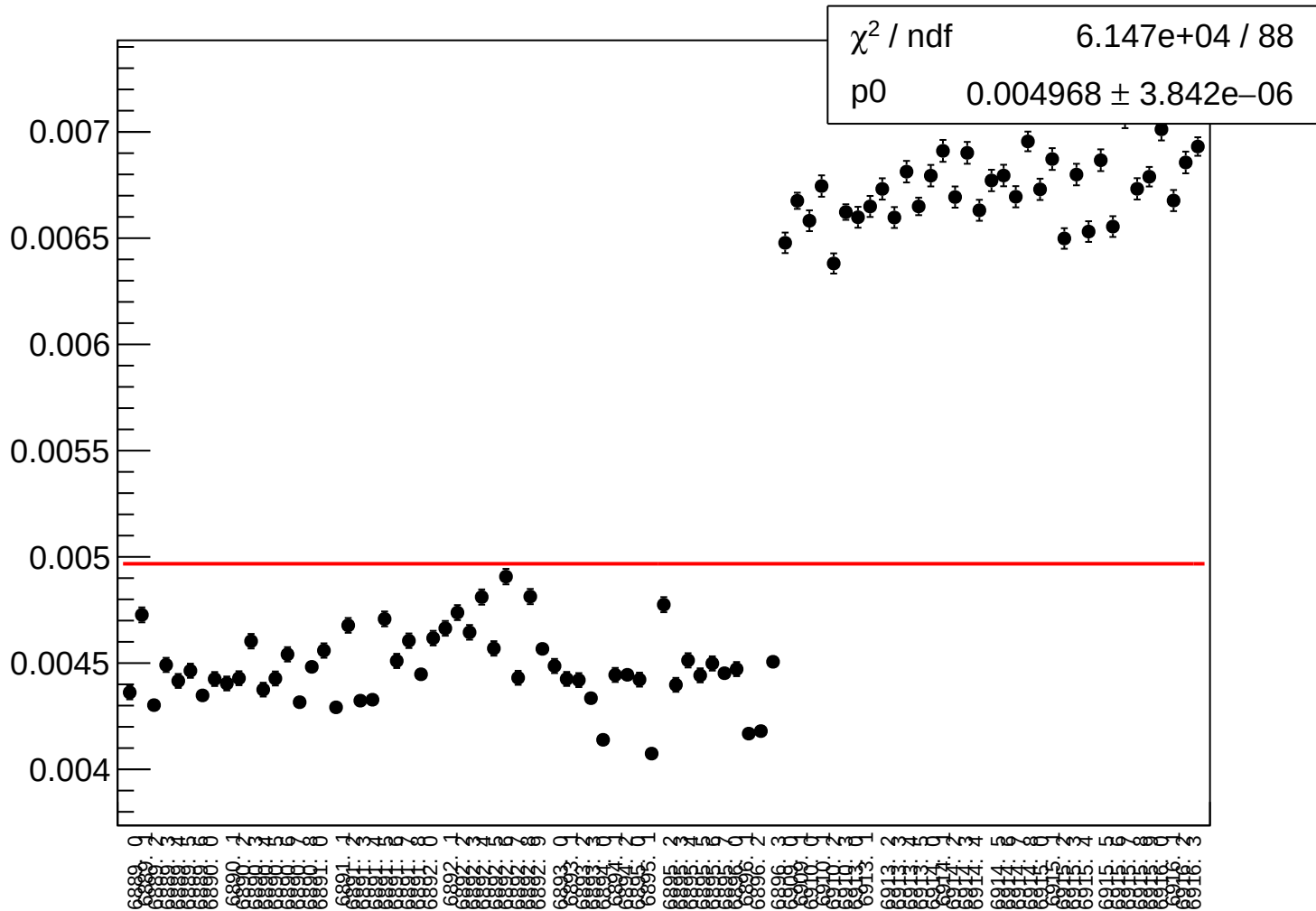
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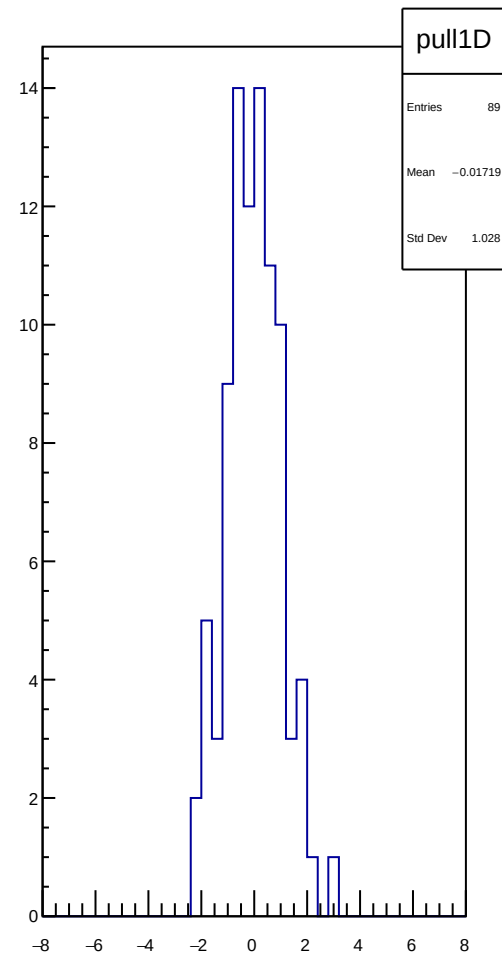
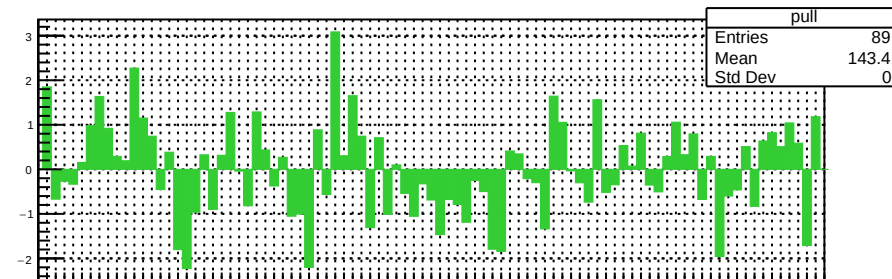
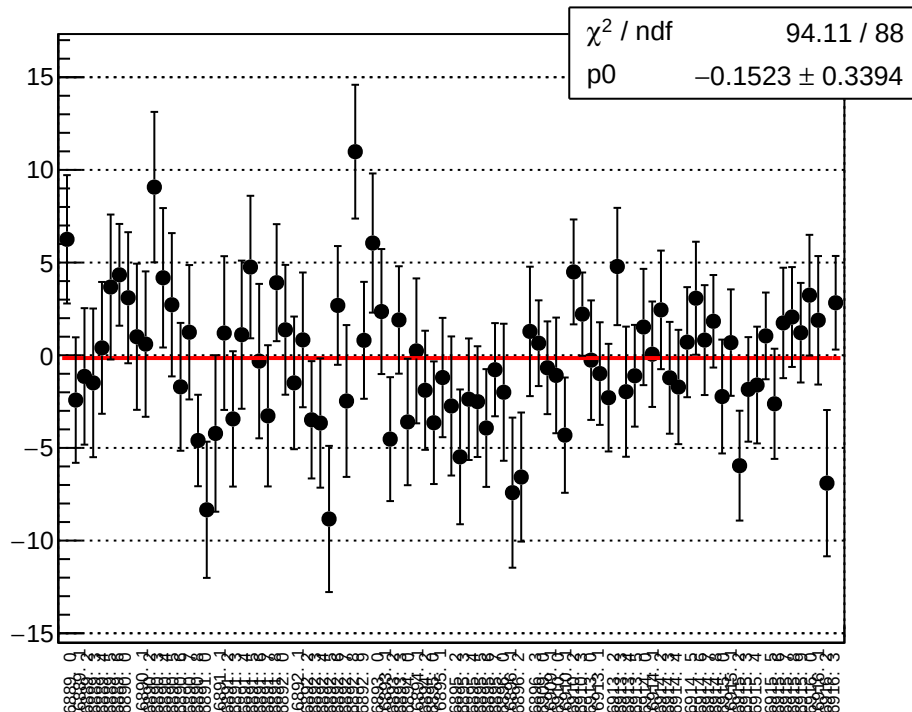
asym_atr_avg_eigen_dit_vs_dit_diff_mean vs run



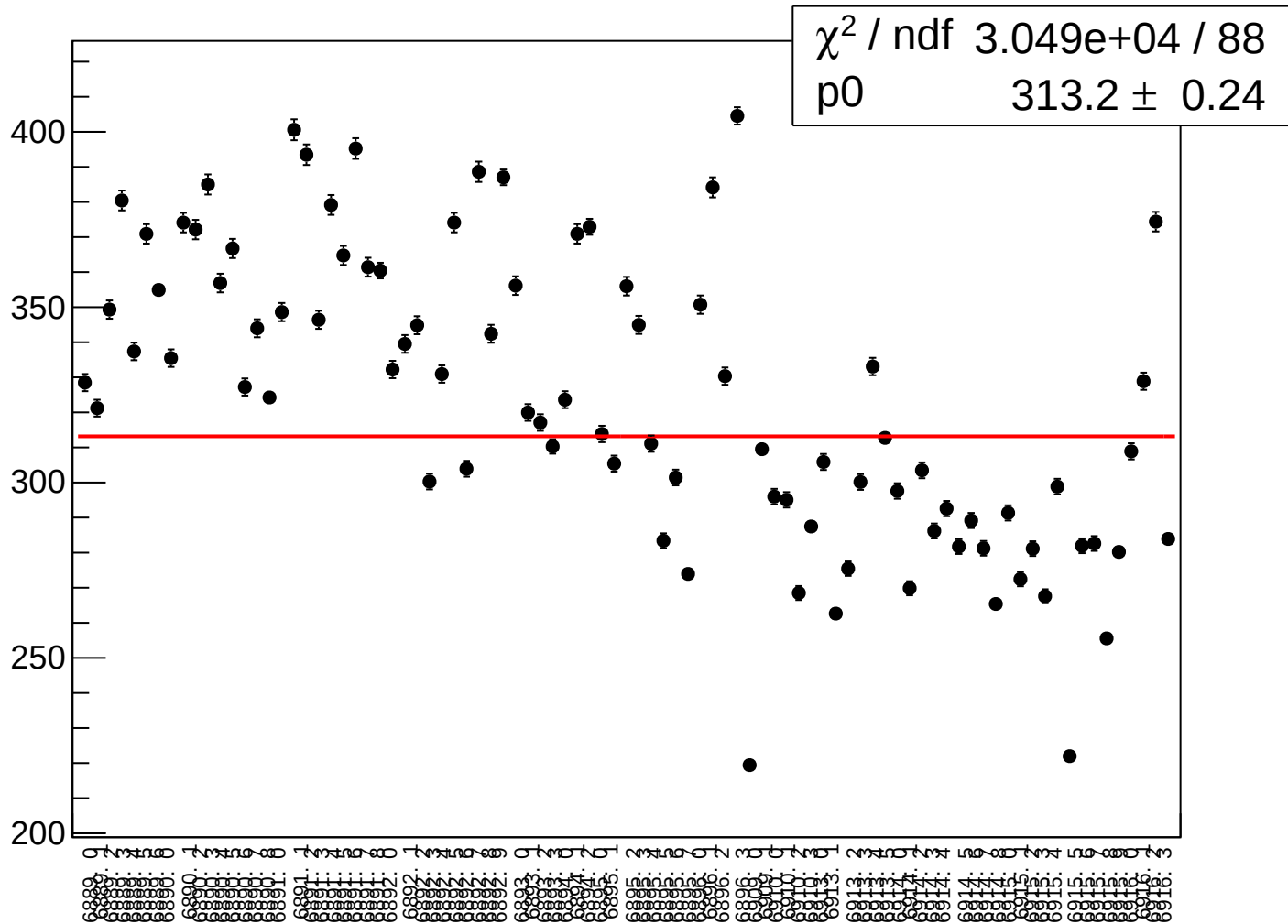
asym_atr_avg_eigen_dit_vs_dit_diff_rms vs run



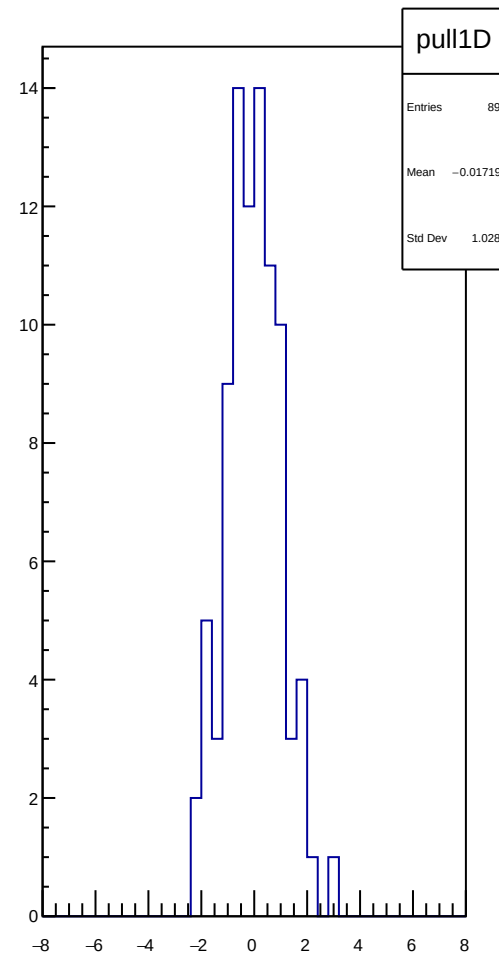
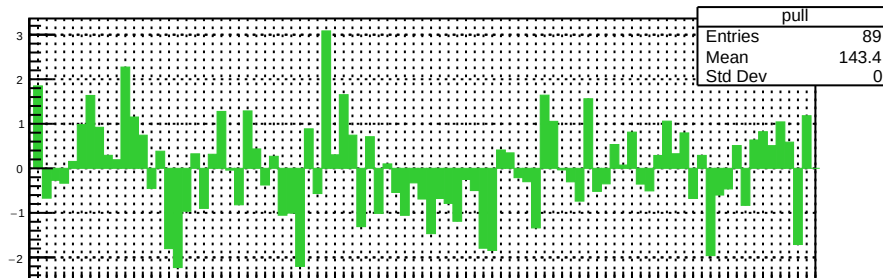
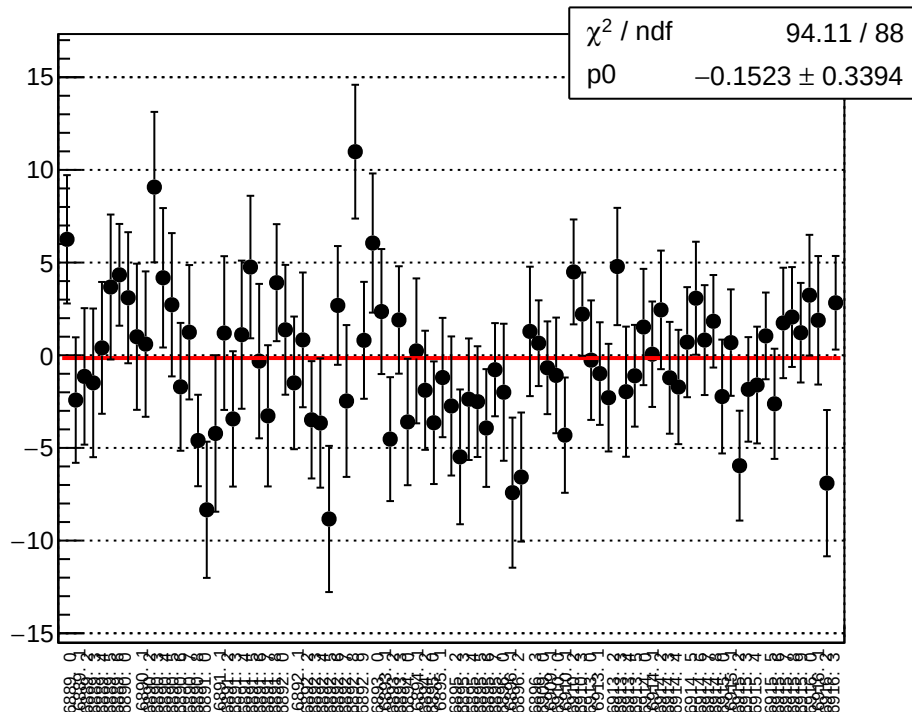
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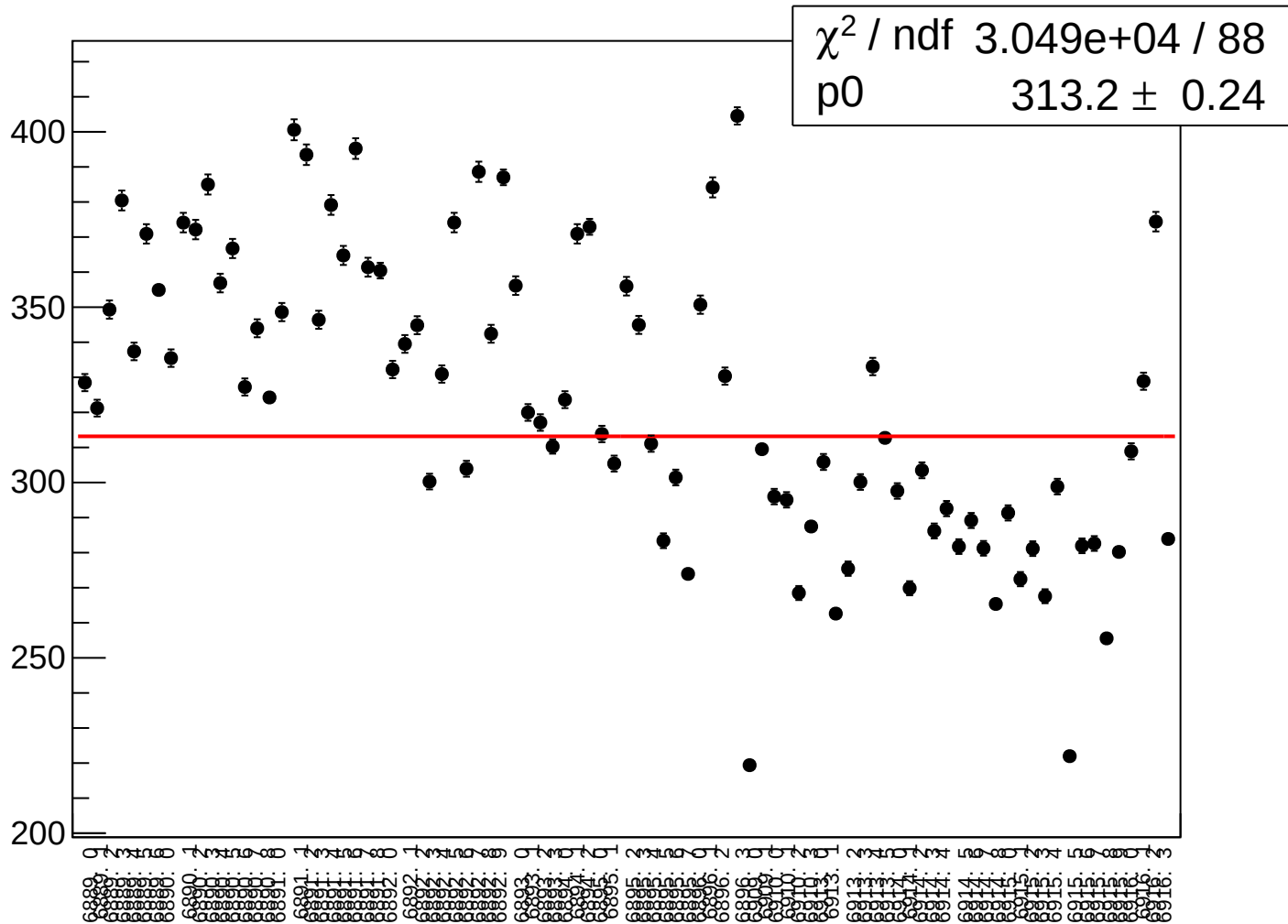
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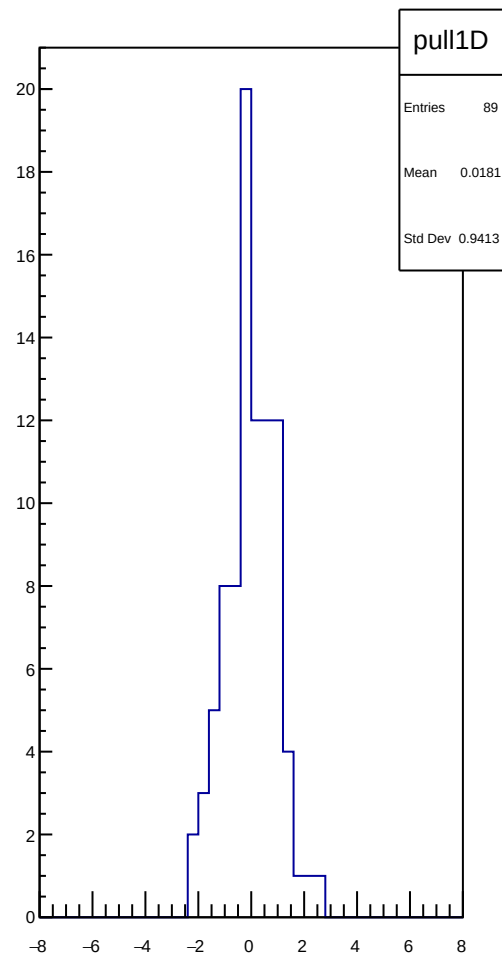
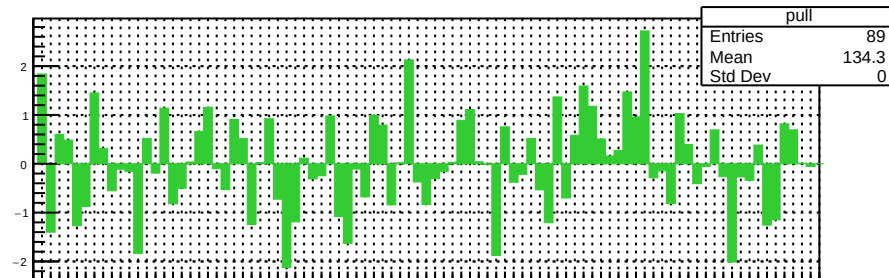
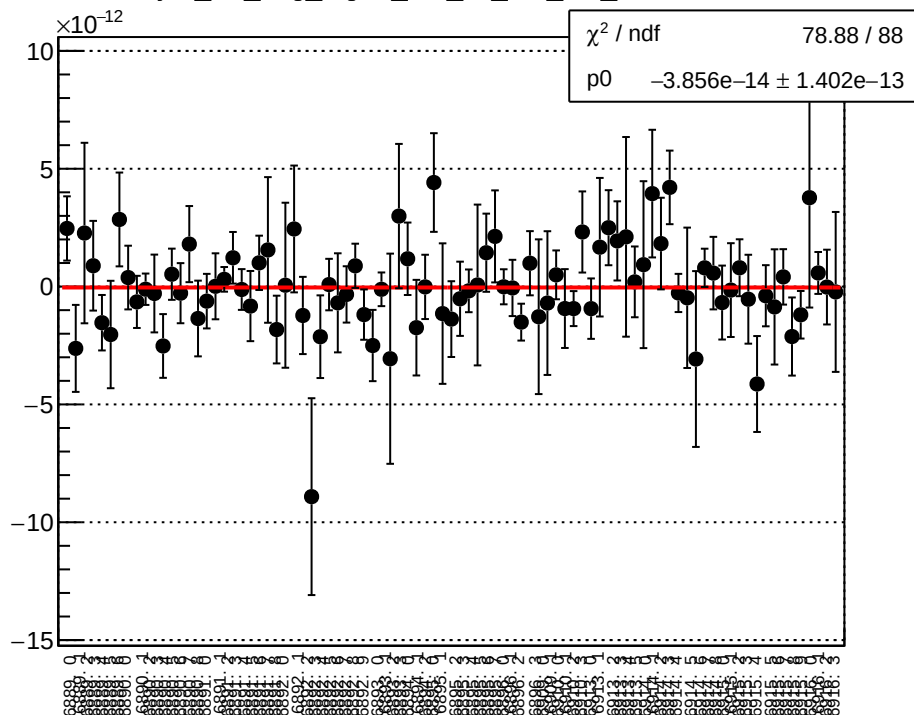
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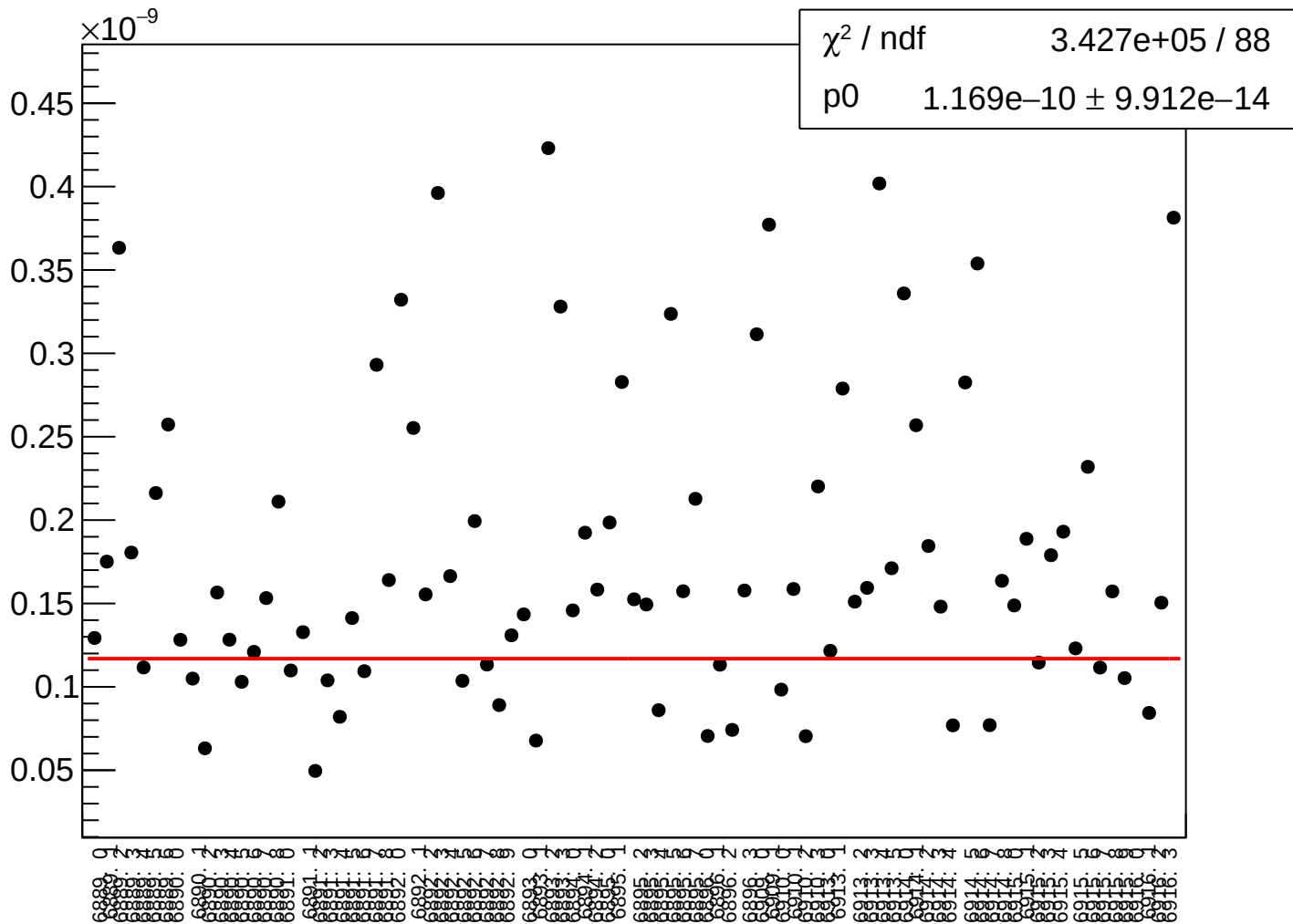
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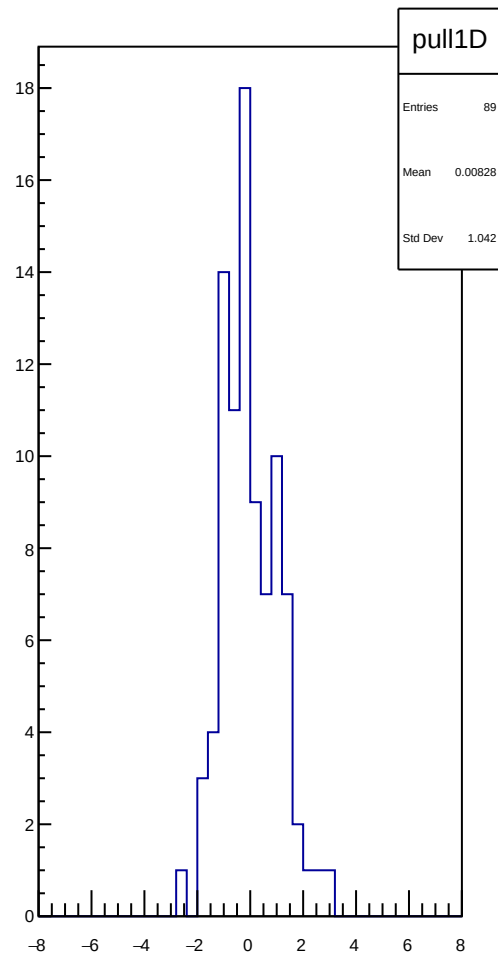
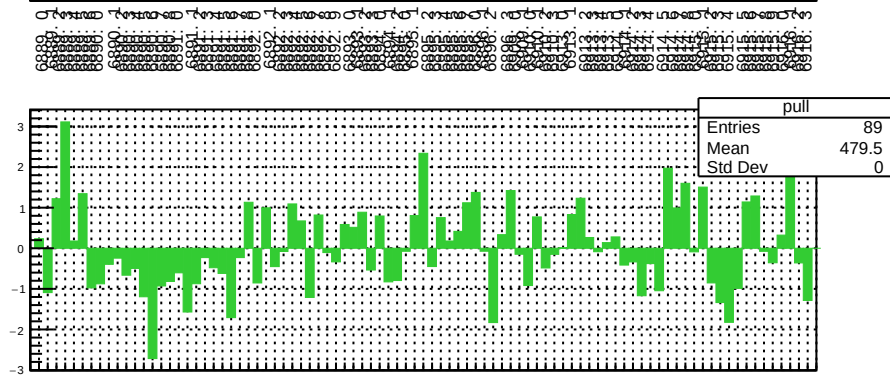
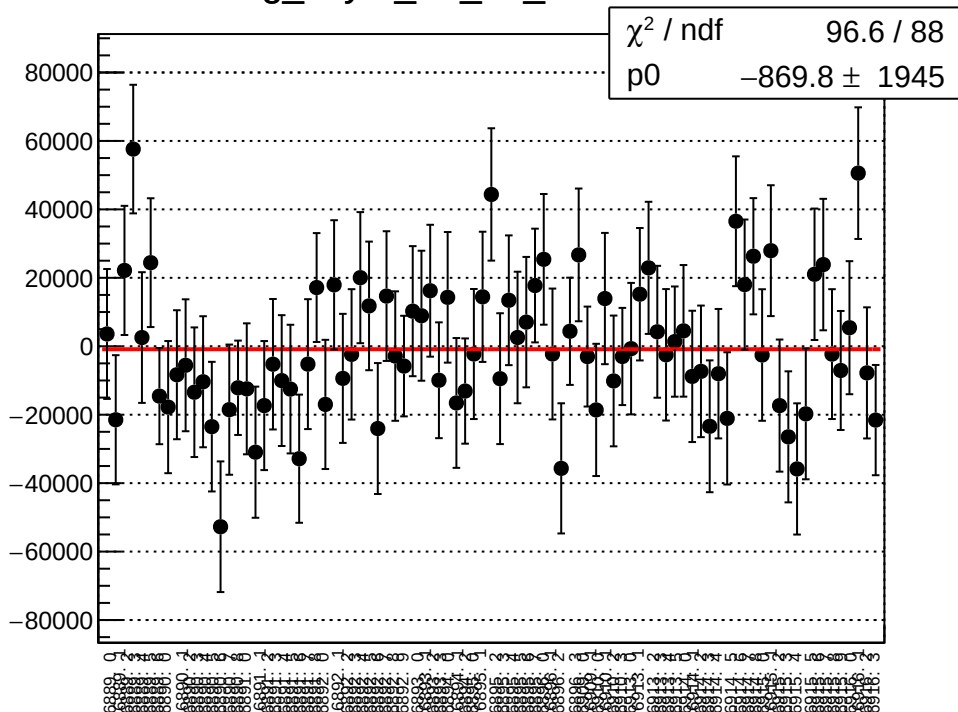
asym_atr_avg_eigen_cor_vs_cor_diff_mean vs run



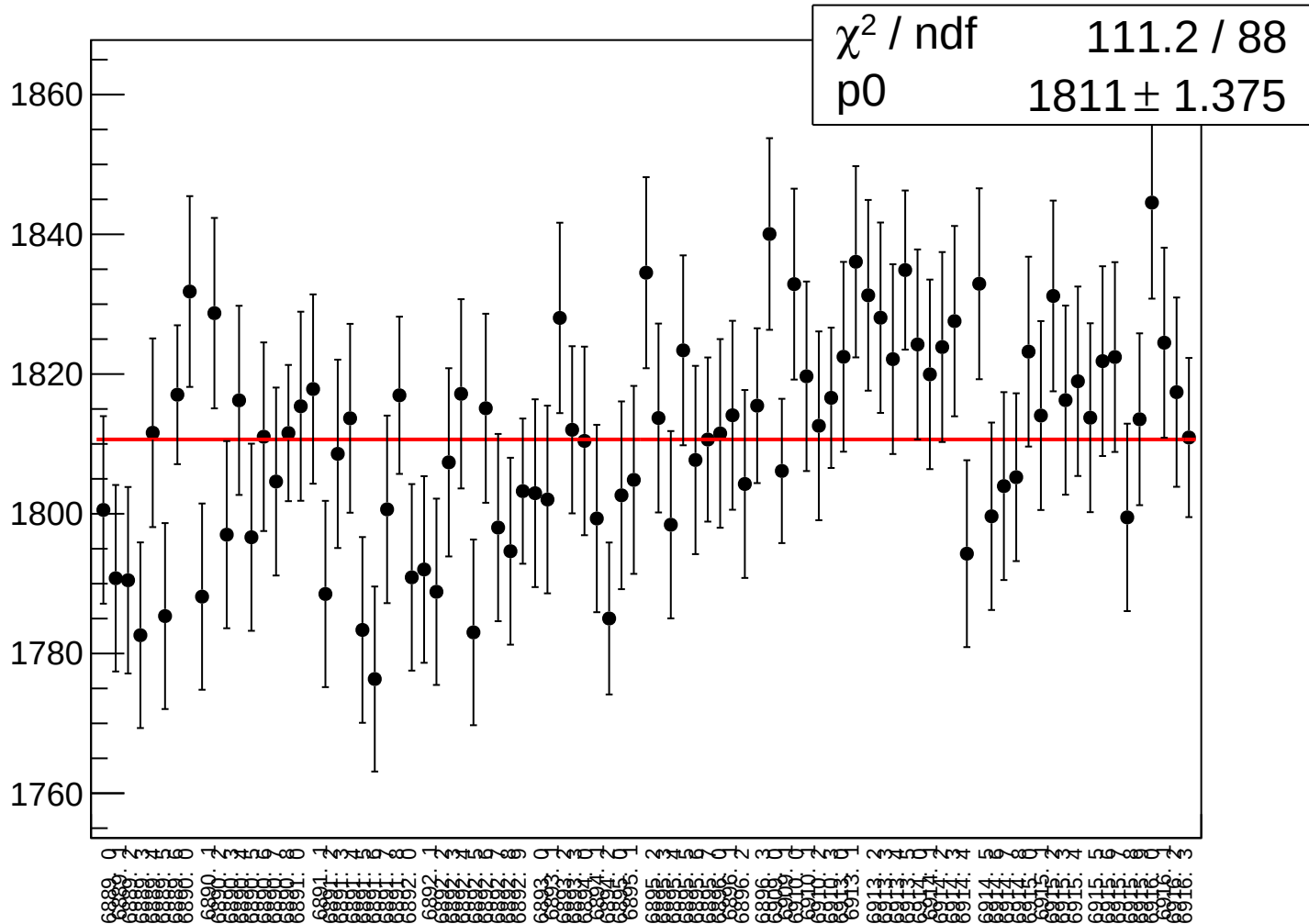
asym_atr_avg_eigen_cor_vs_cor_diff_rms vs run



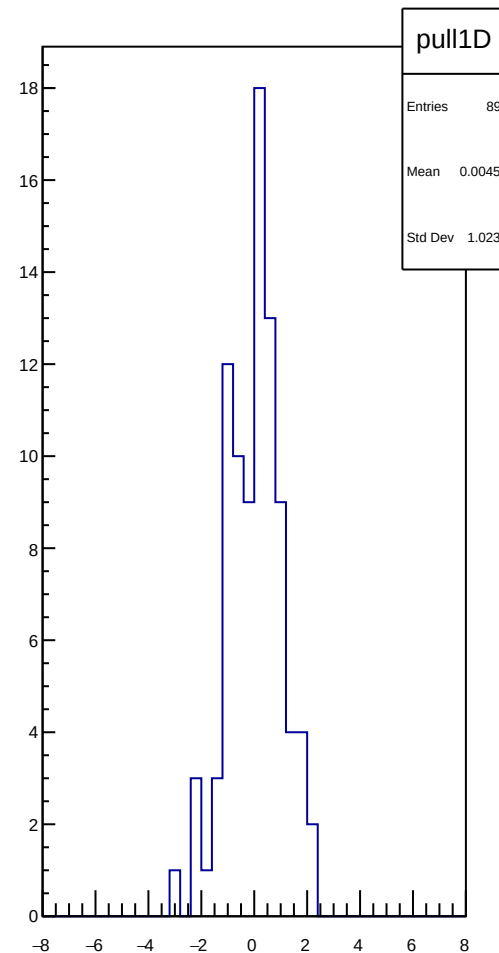
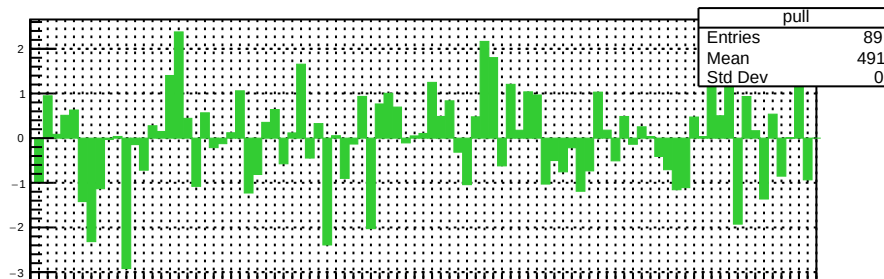
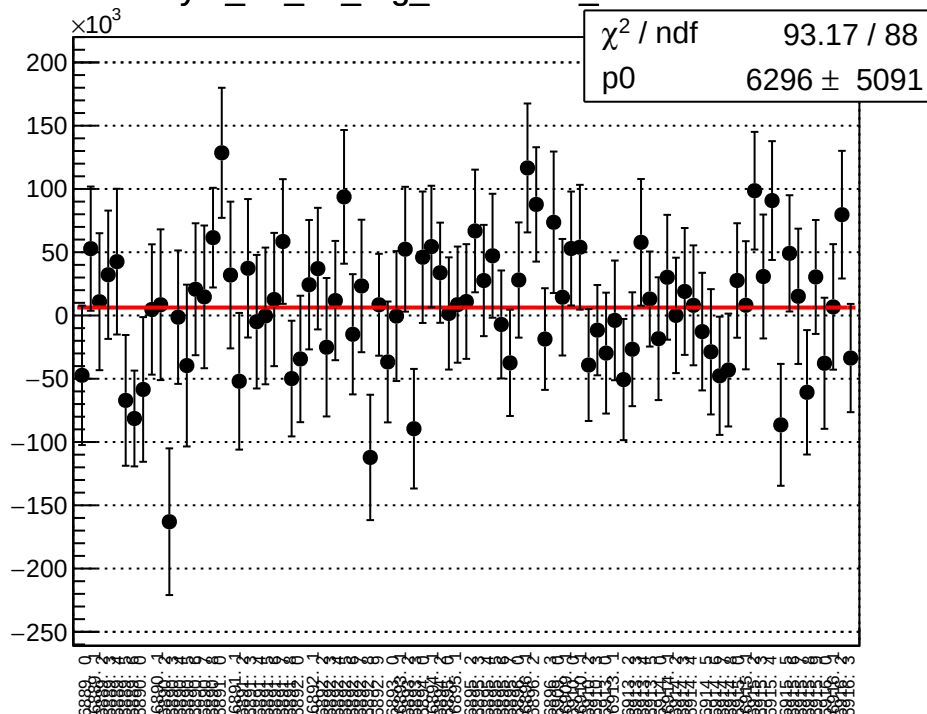
reg_asym_atr_dd_mean vs run



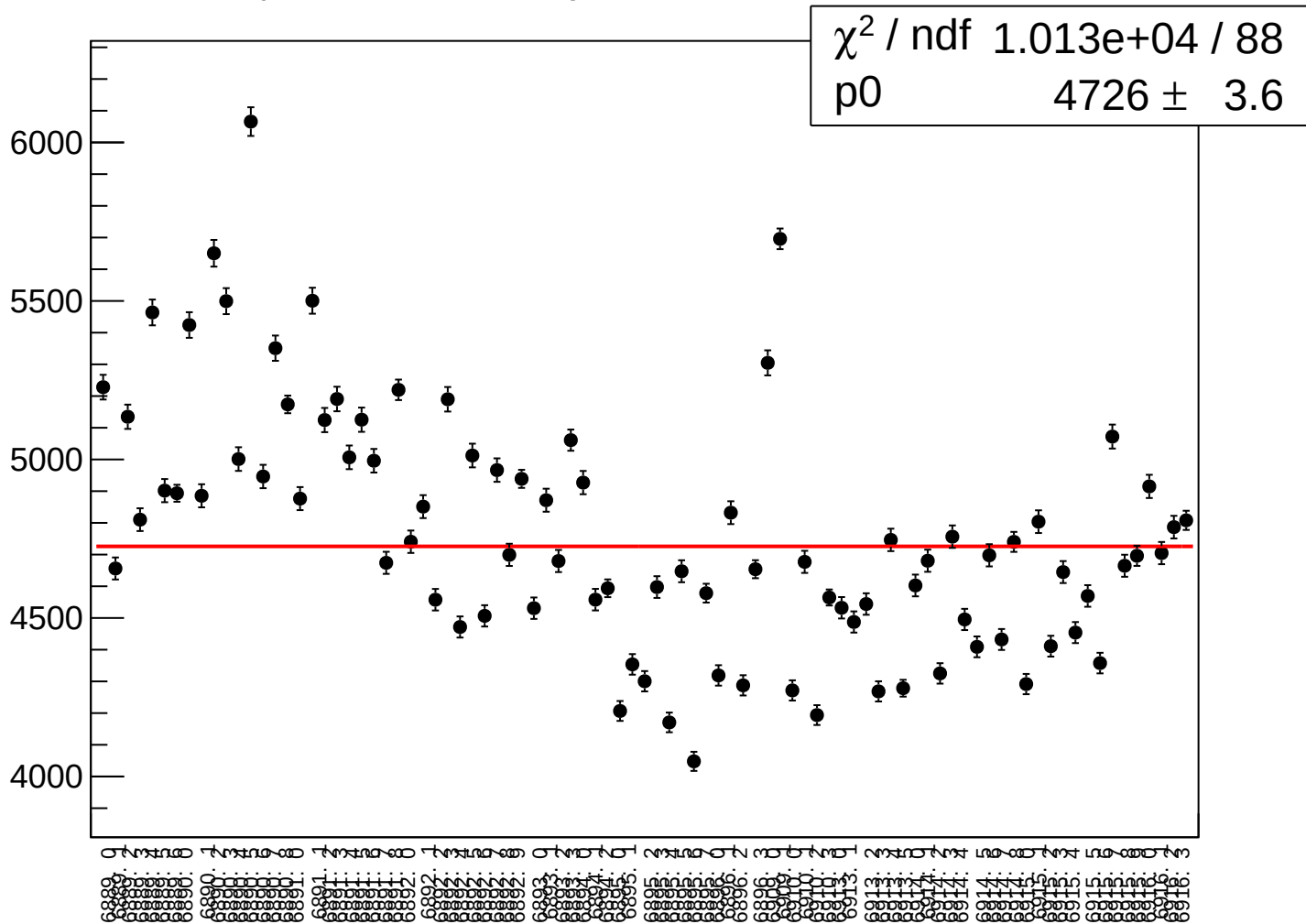
reg_asym_atr_dd_rms vs run



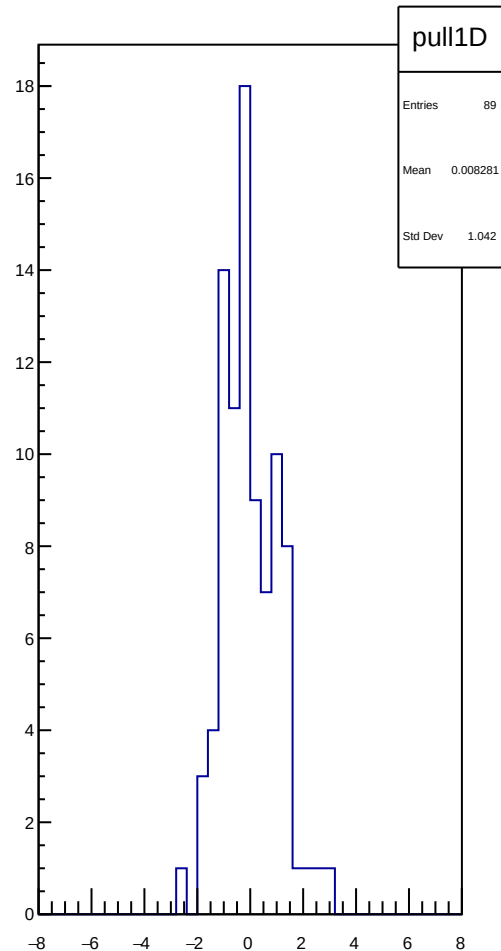
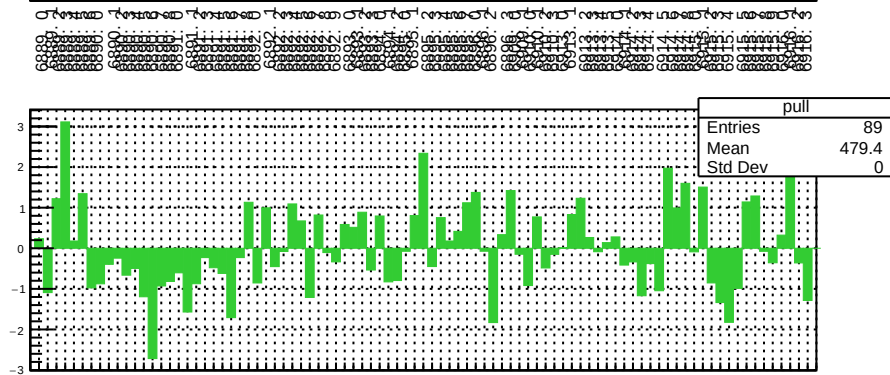
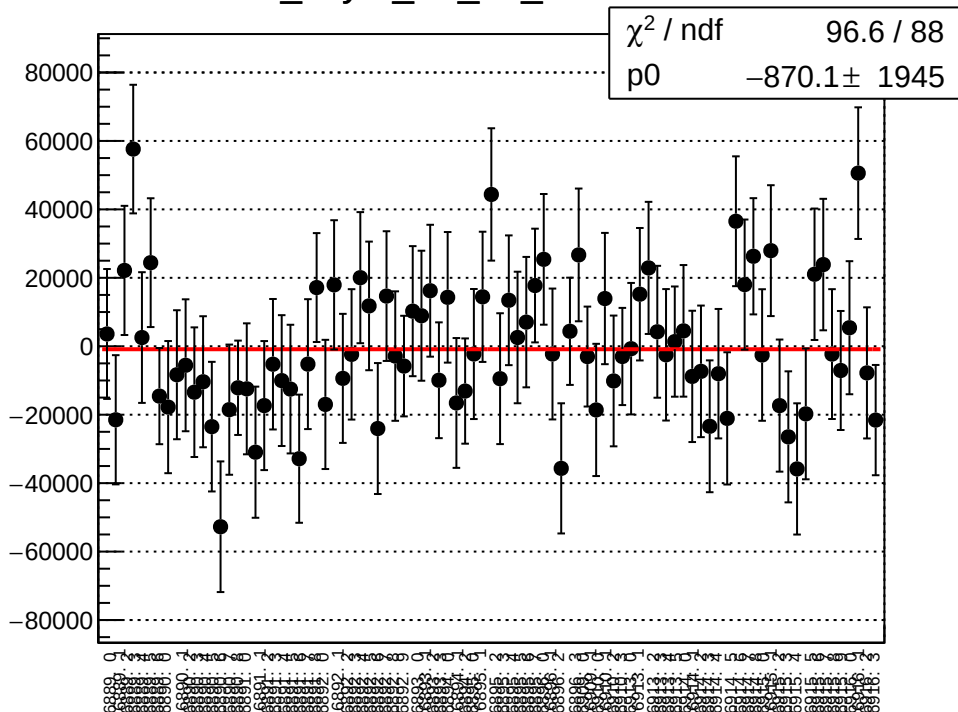
asym_atr_dd_reg_correction_mean vs run



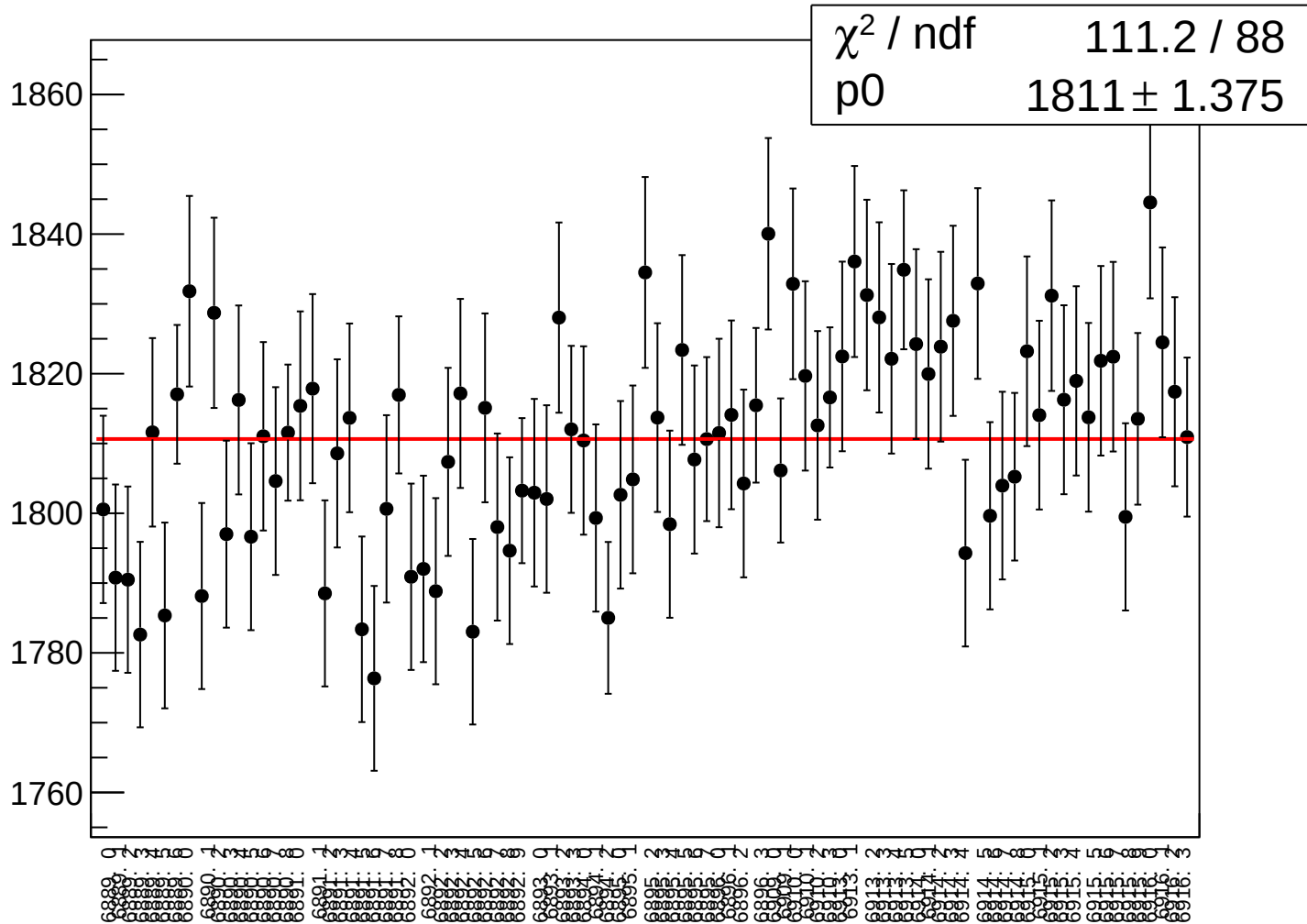
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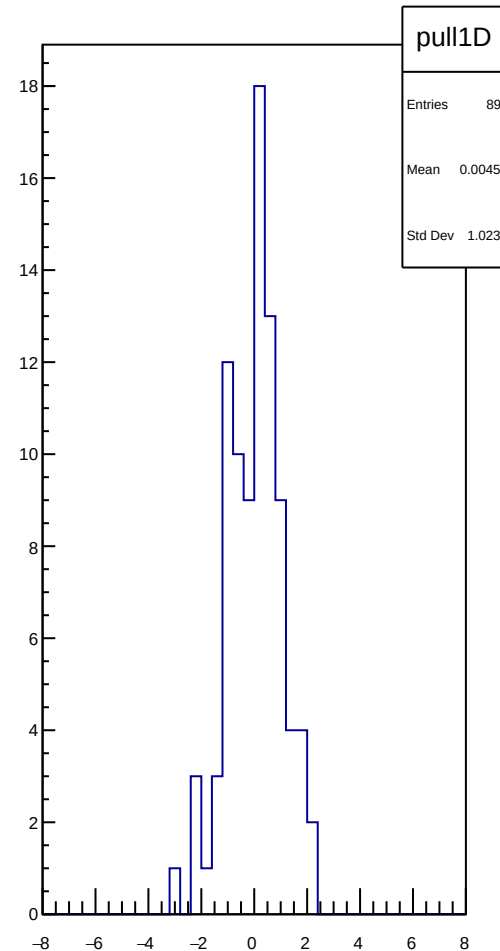
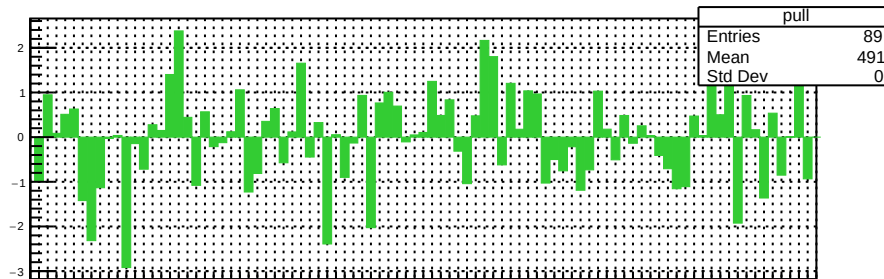
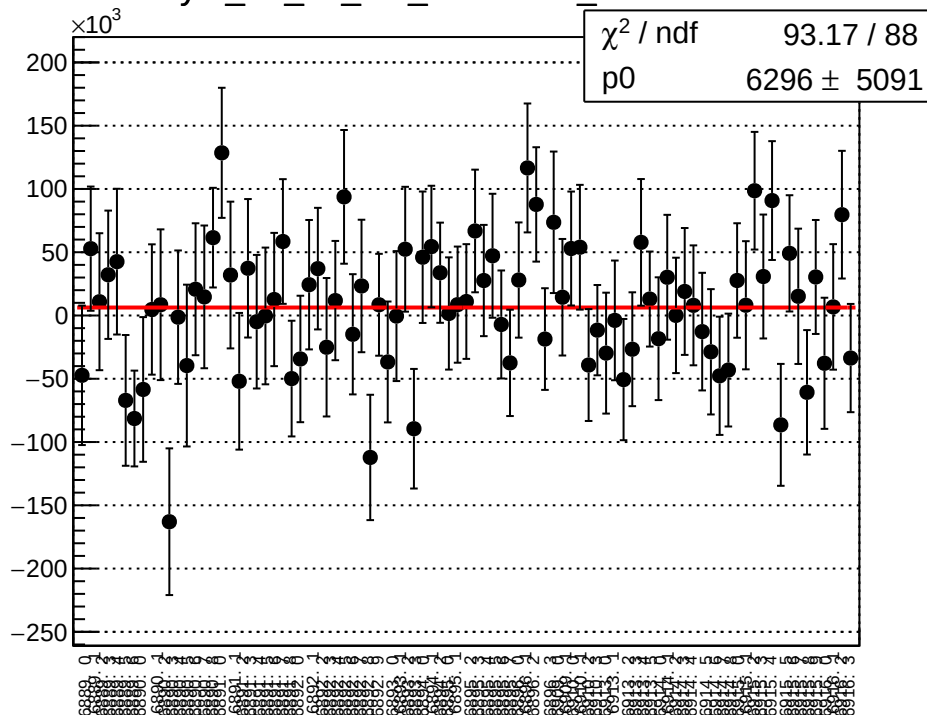
cor_asym_atr_dd_mean vs run



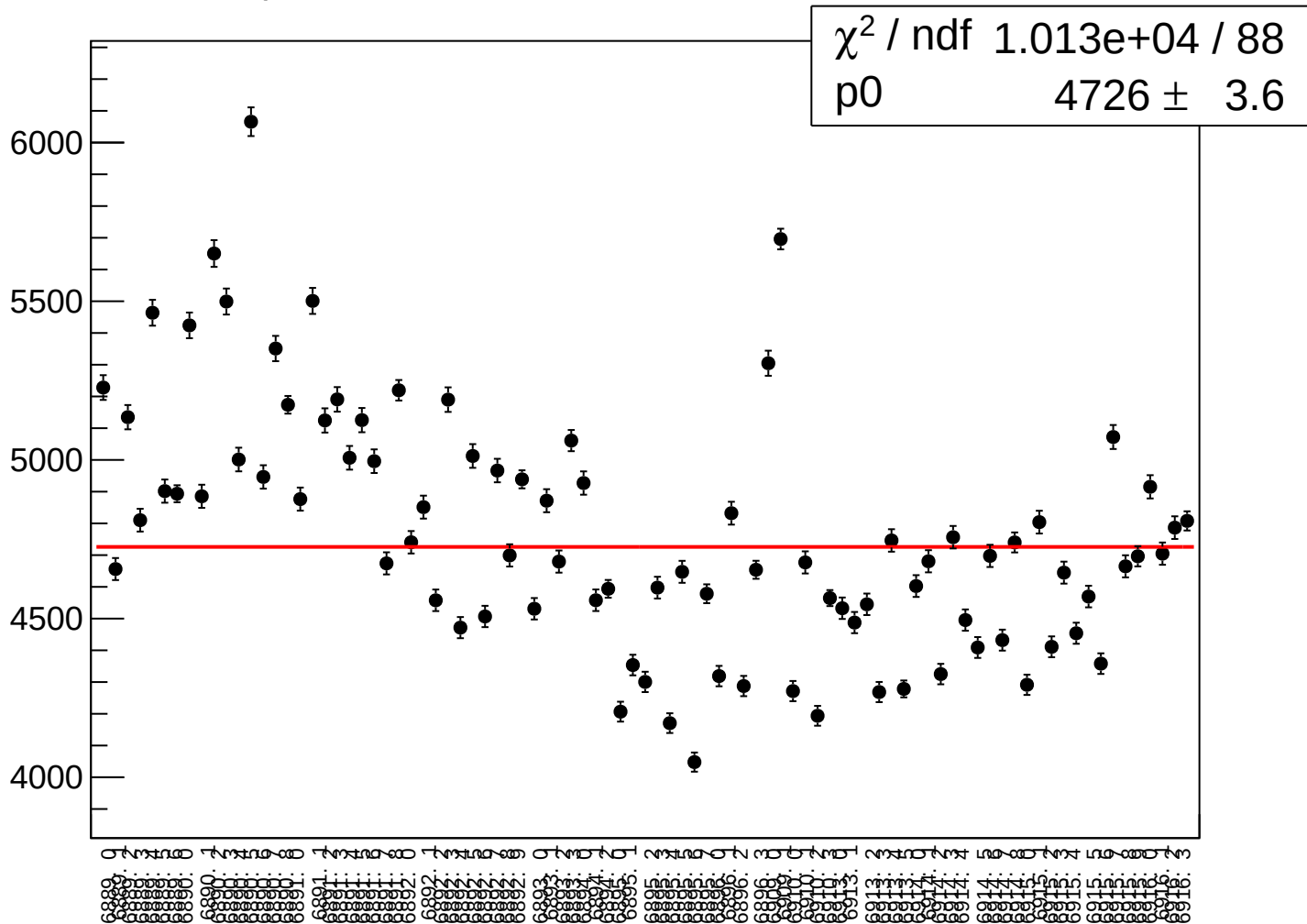
cor_asym_atr_dd_rms vs run



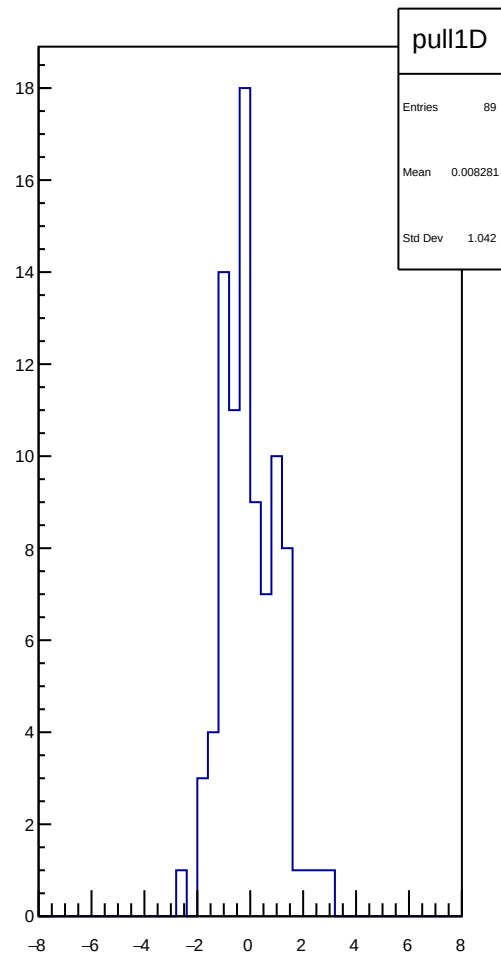
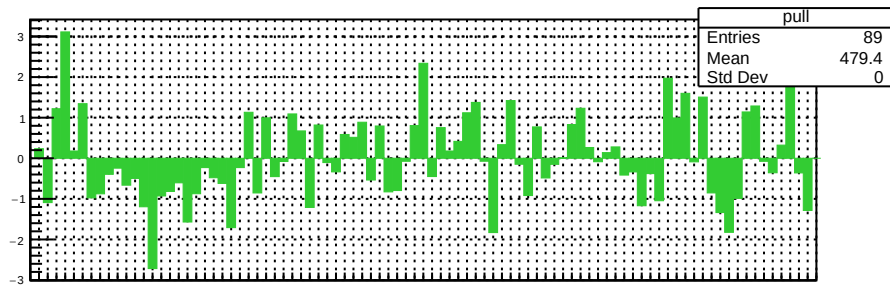
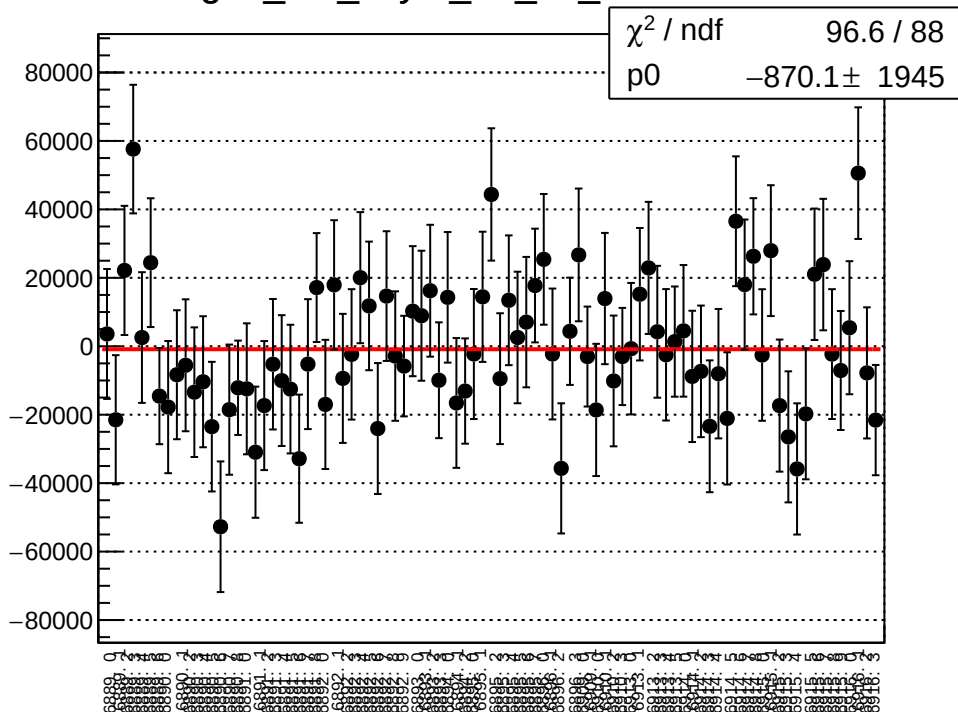
asym_atr_dd_cor_correction_mean vs run



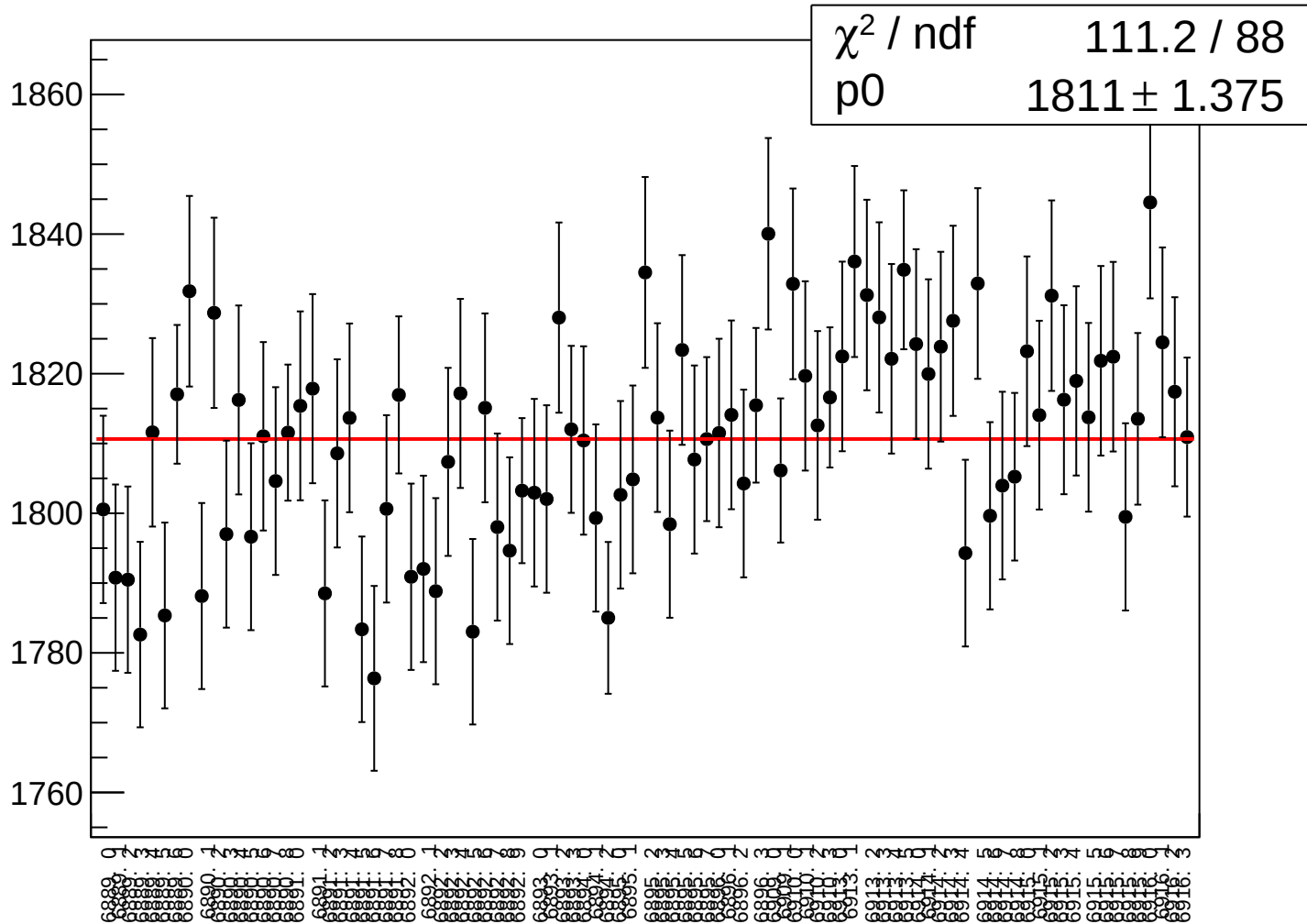
asym_atr_dd_cor_correction_rms vs run



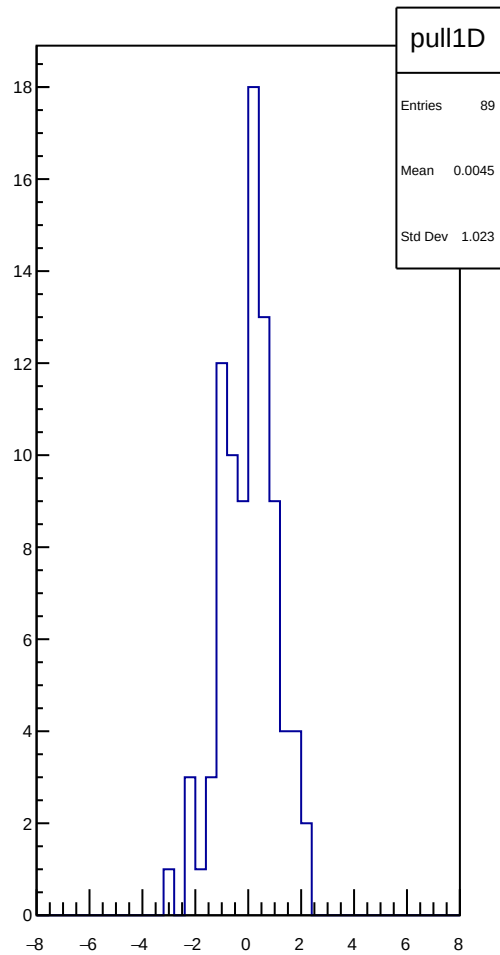
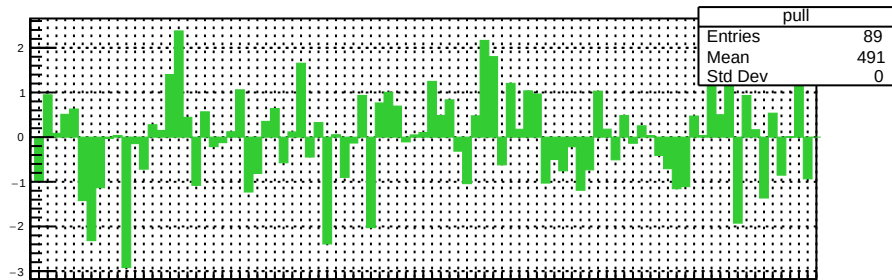
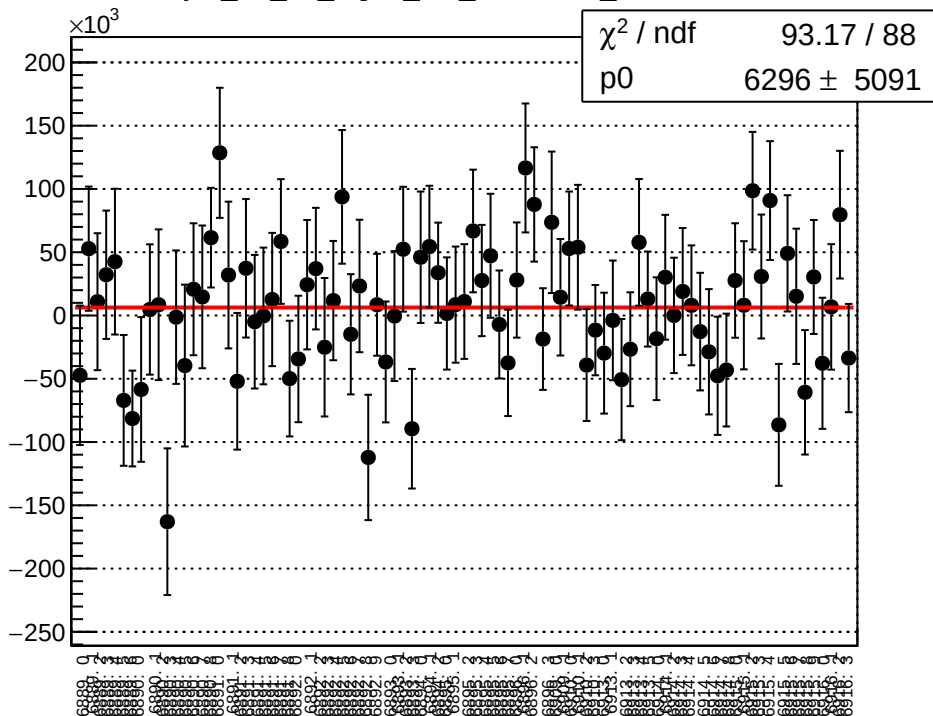
eigen_cor_asym_atr_dd_mean vs run



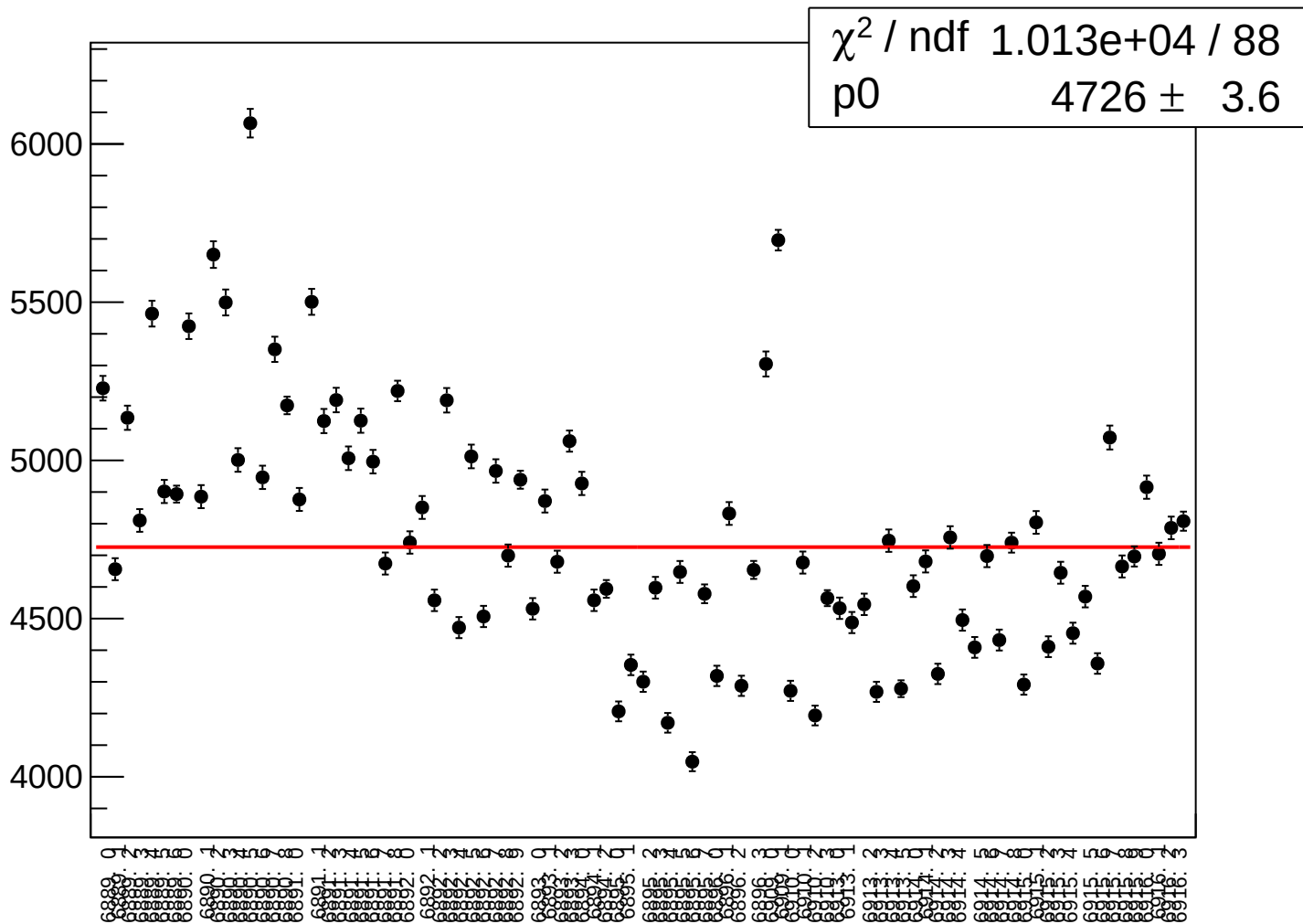
eigen_cor_asym_atr_dd_rms vs run



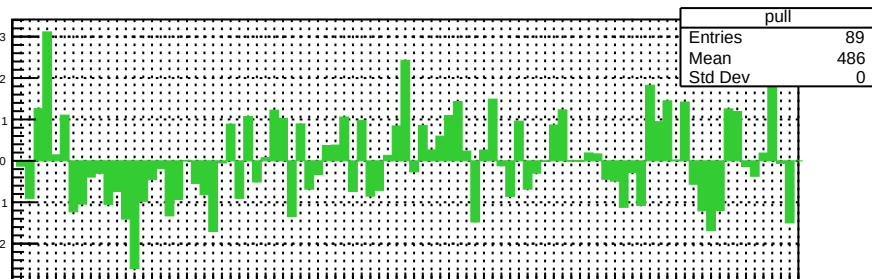
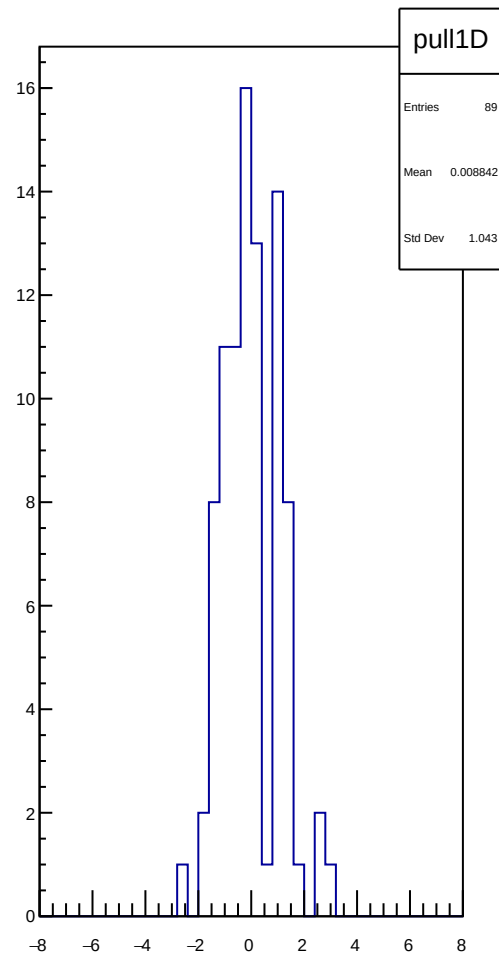
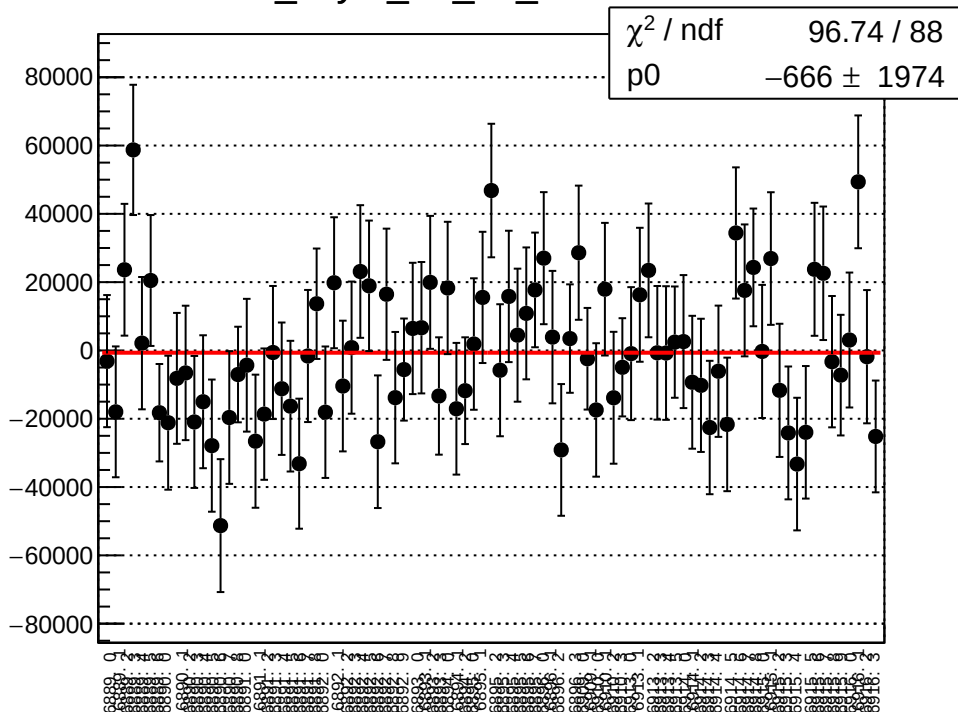
asym atr dd eigen cor correction_mean vs run



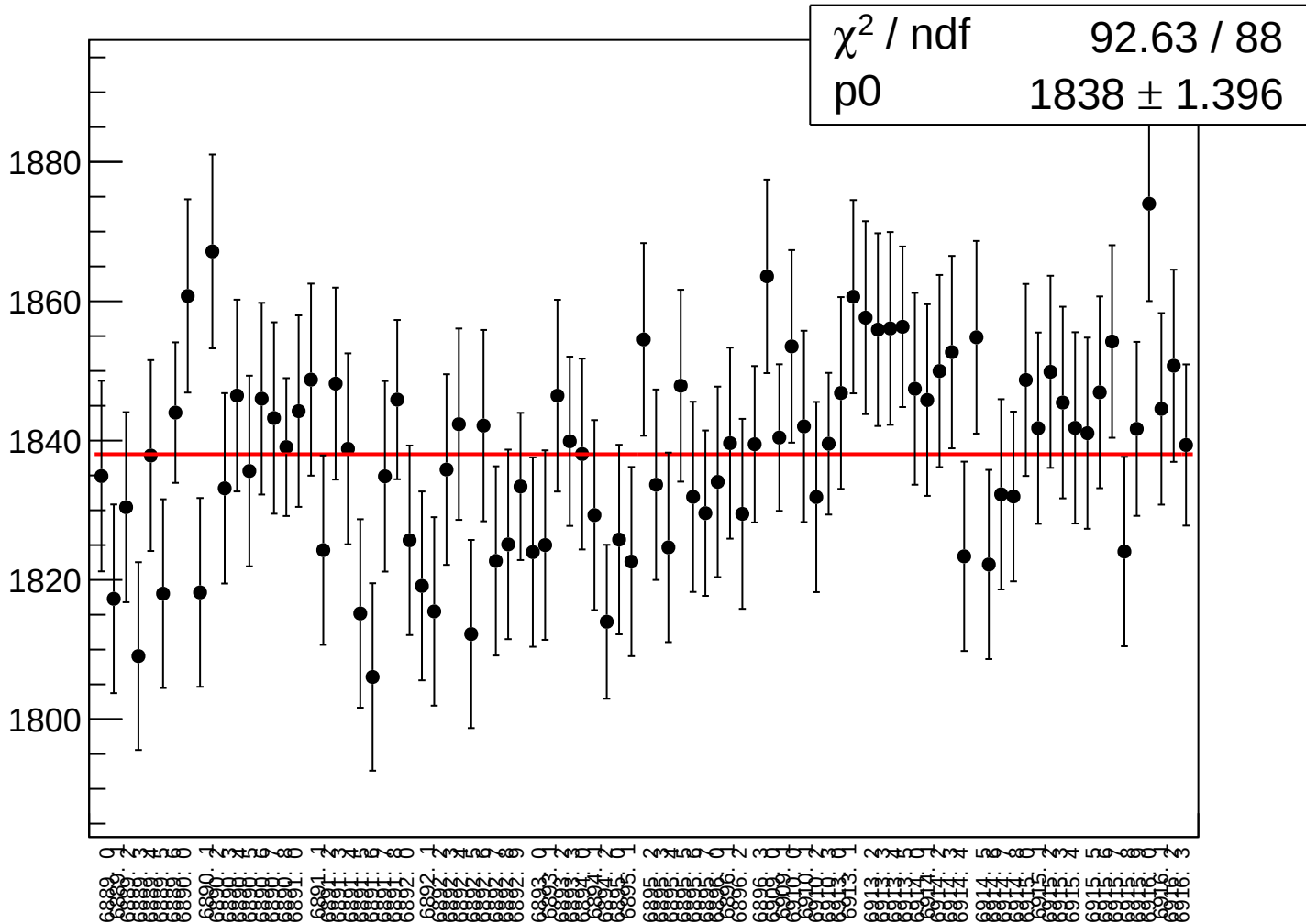
asym_atr_dd_eigen_cor_correction_rms vs run



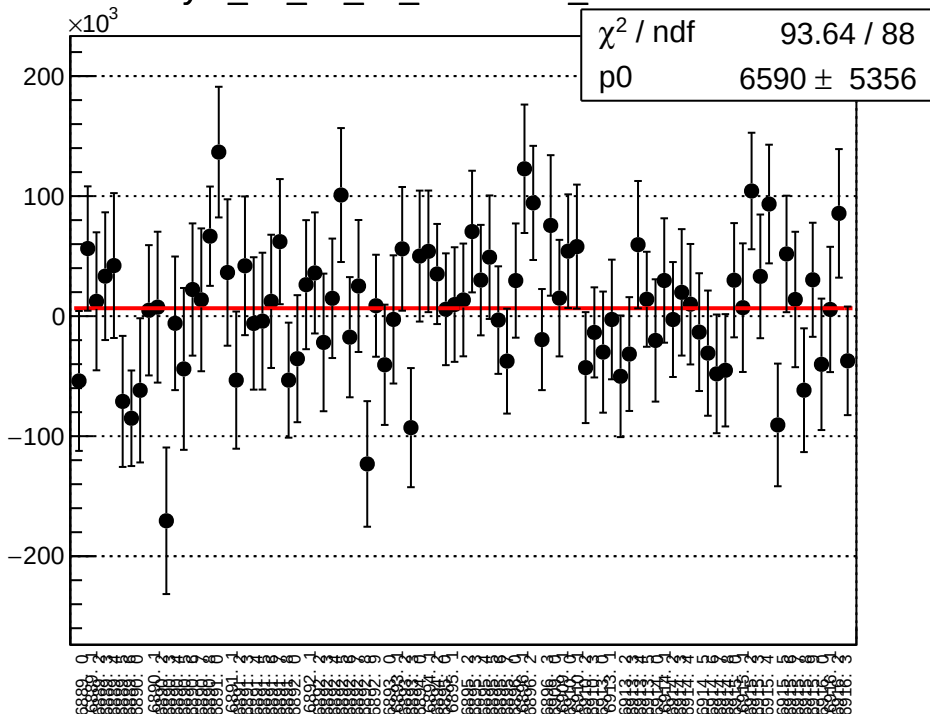
dit_asym_atr_dd_mean vs run



dit_asym_atr_dd_rms vs run

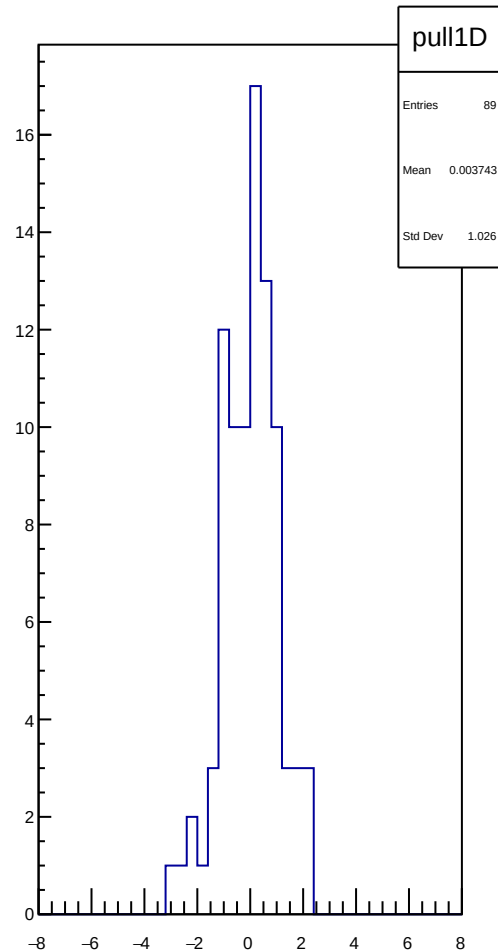
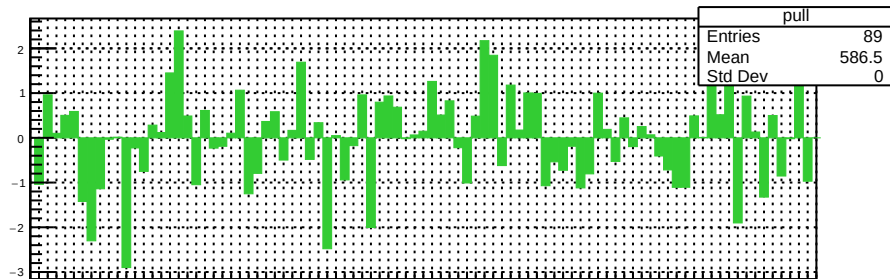


asym_atr_dd_dit_correction_mean vs run

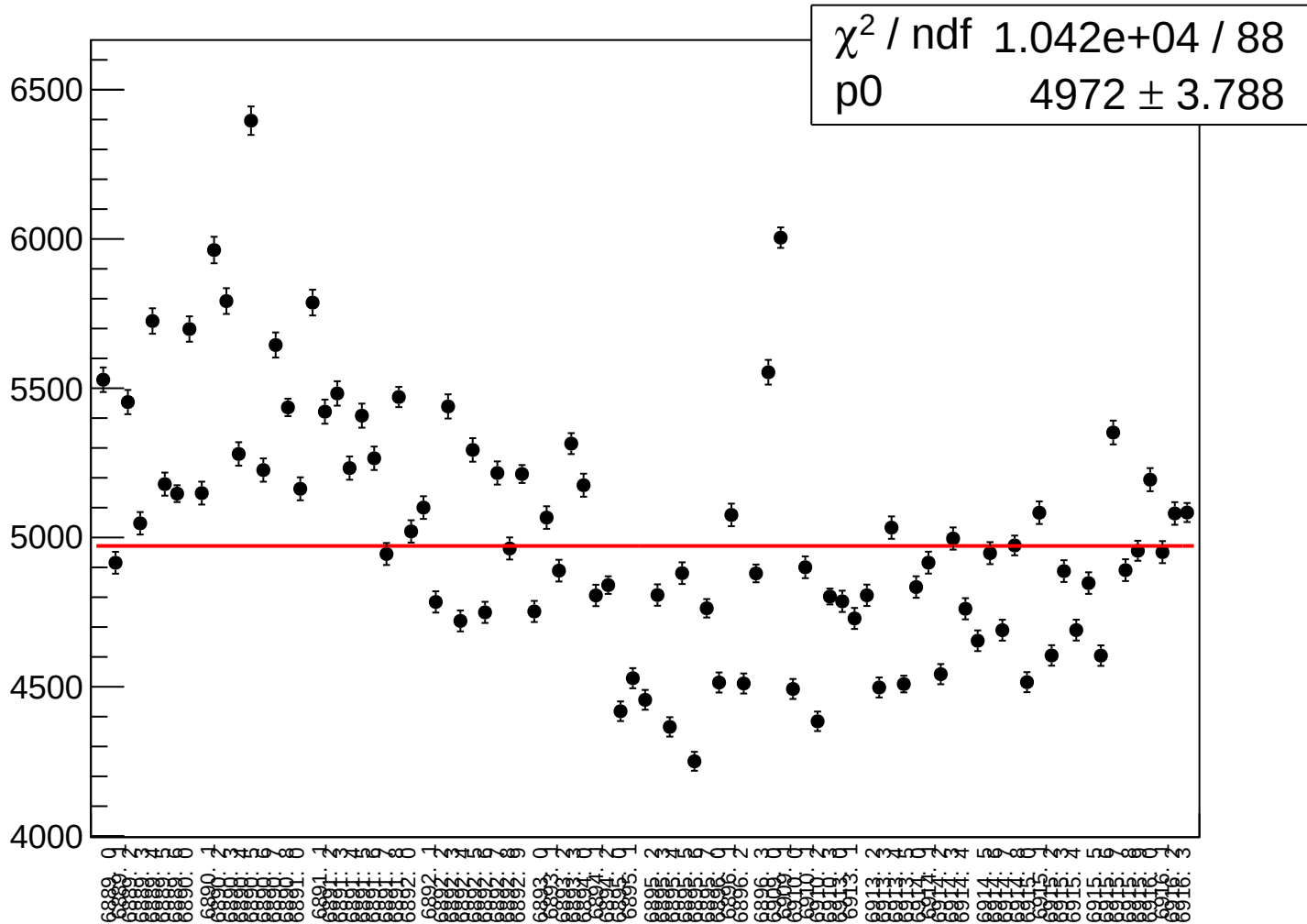


Correlation coefficients for pairs of variables:

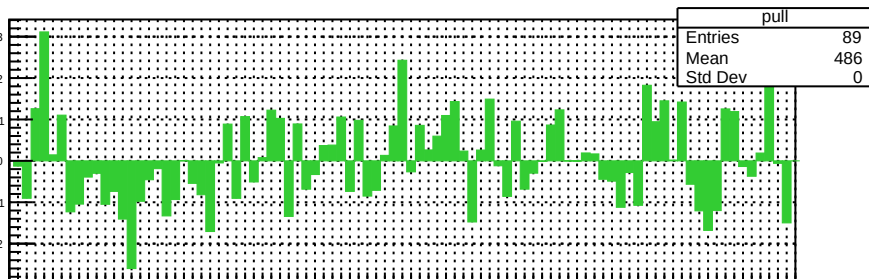
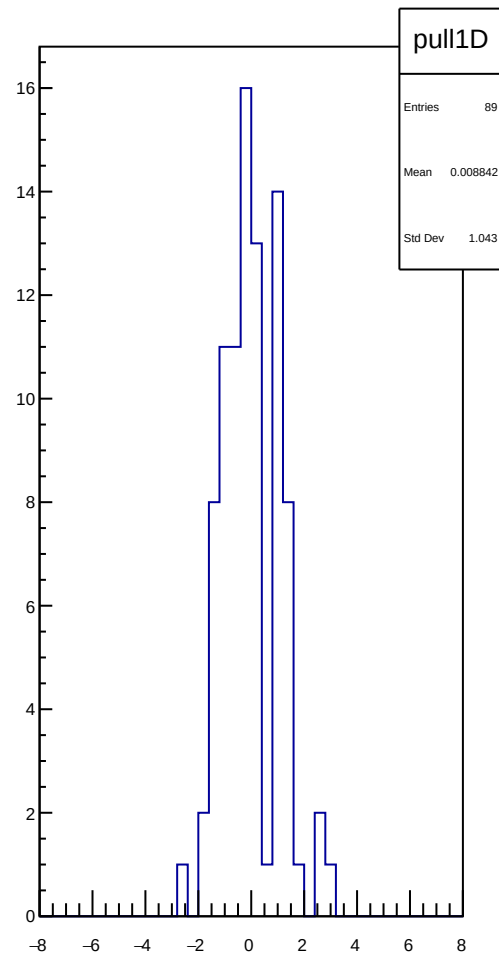
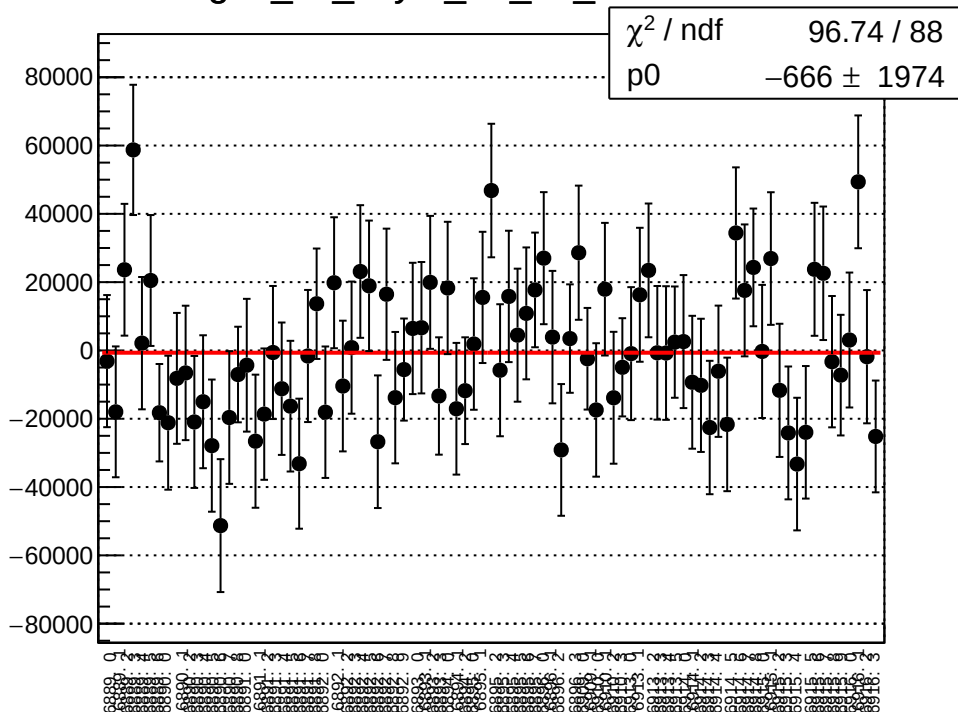
Variable 1	Variable 2	Correlation Coefficient
asym_atr_dd_dit_correction_mean	run	0.003743
asym_atr_dd_dit_correction_mean	pull	0.003743
run	pull	0.003743



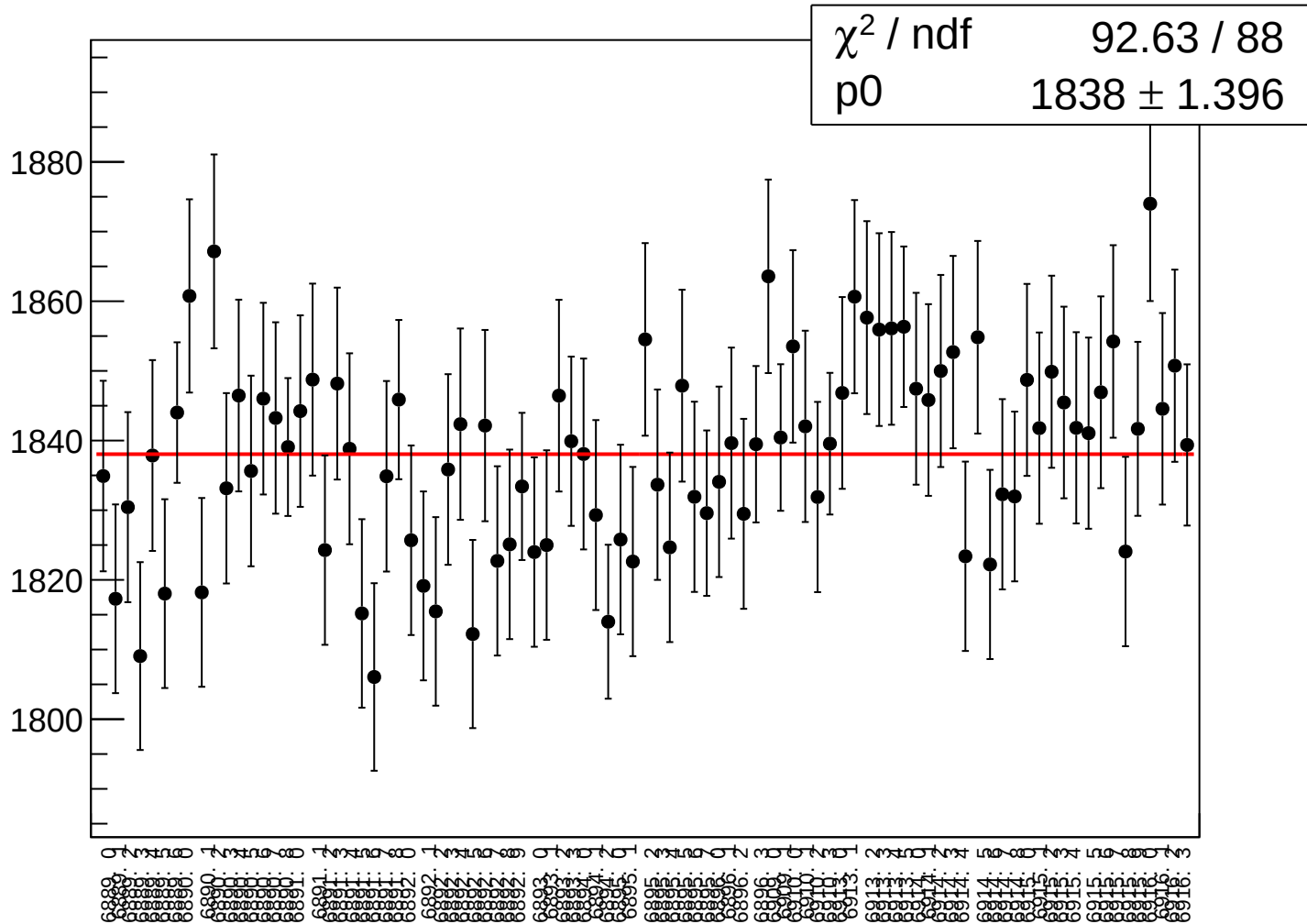
asym_atr_dd_dit_correction_rms vs run

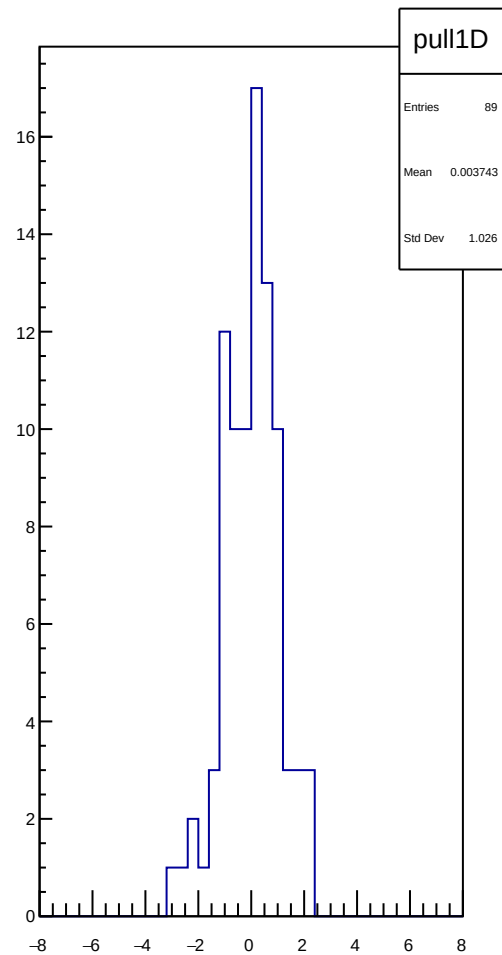
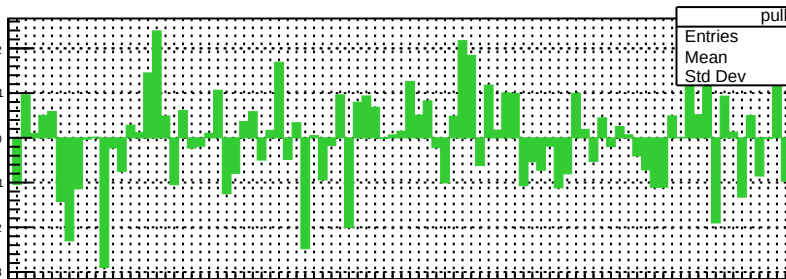
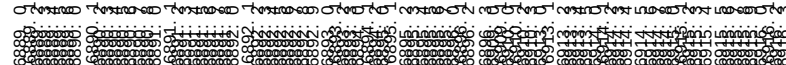


eigen_dit_asym_atr_dd_mean vs run

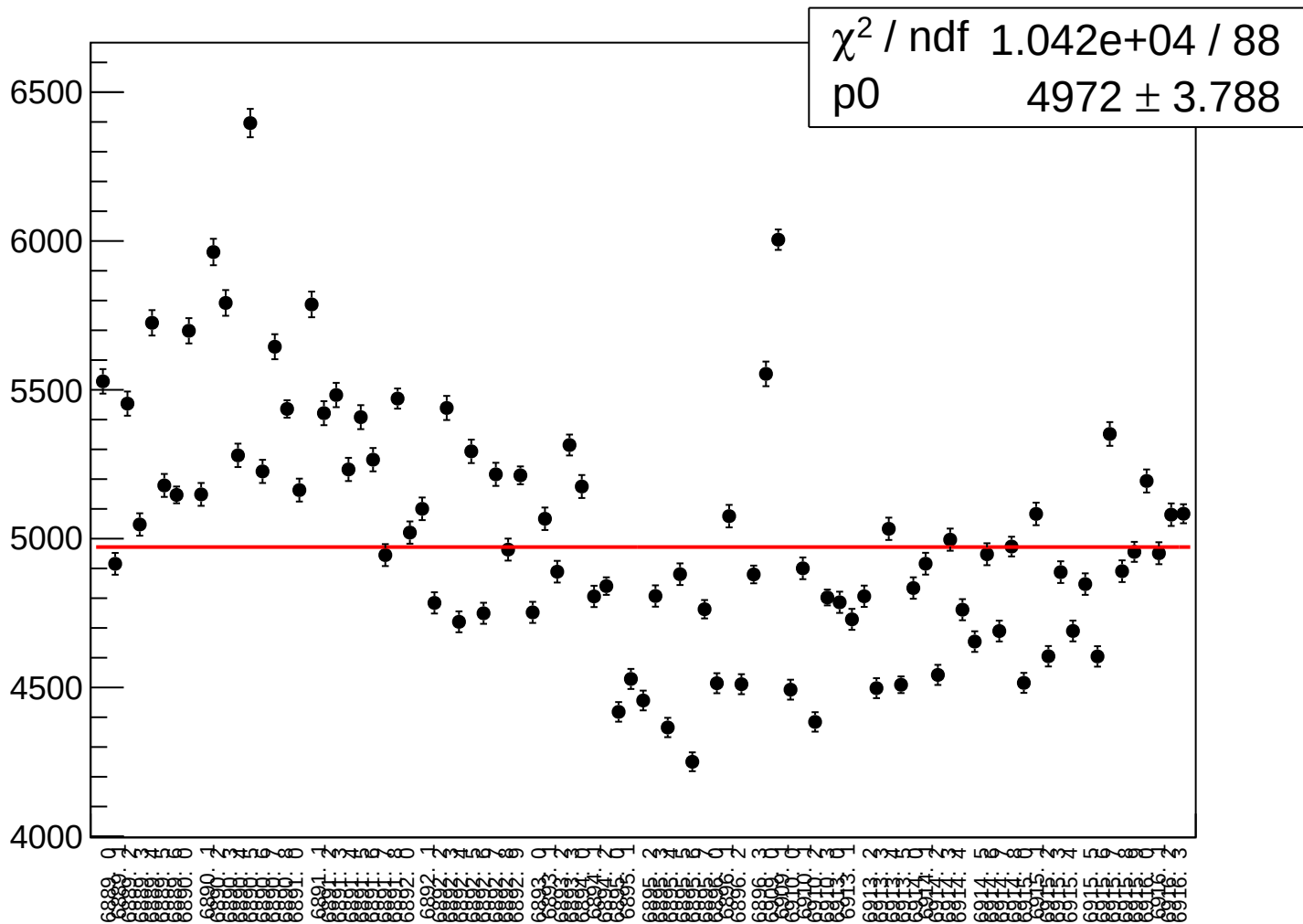


eigen_dit_asym_atr_dd_rms vs run

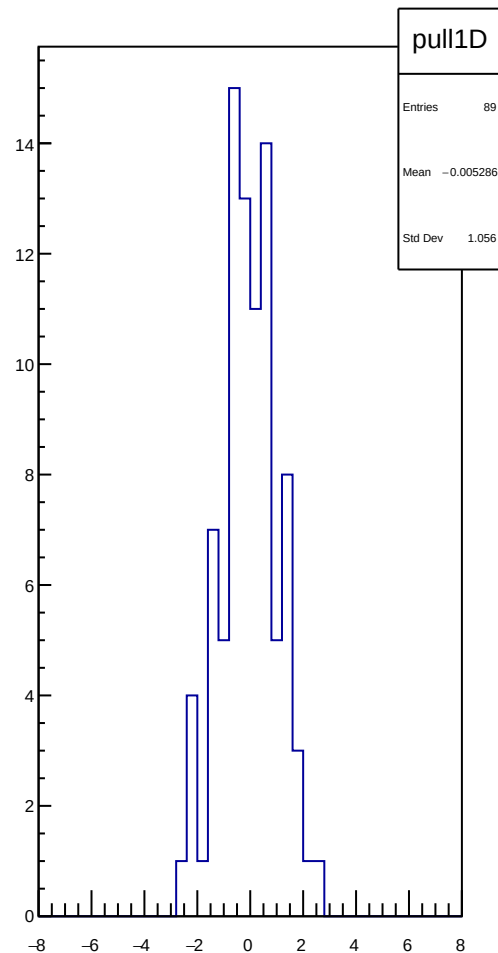
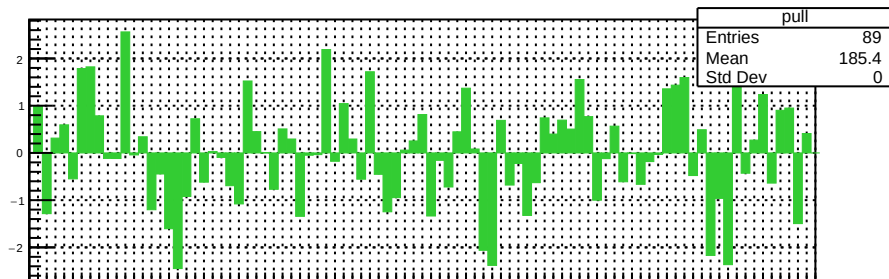
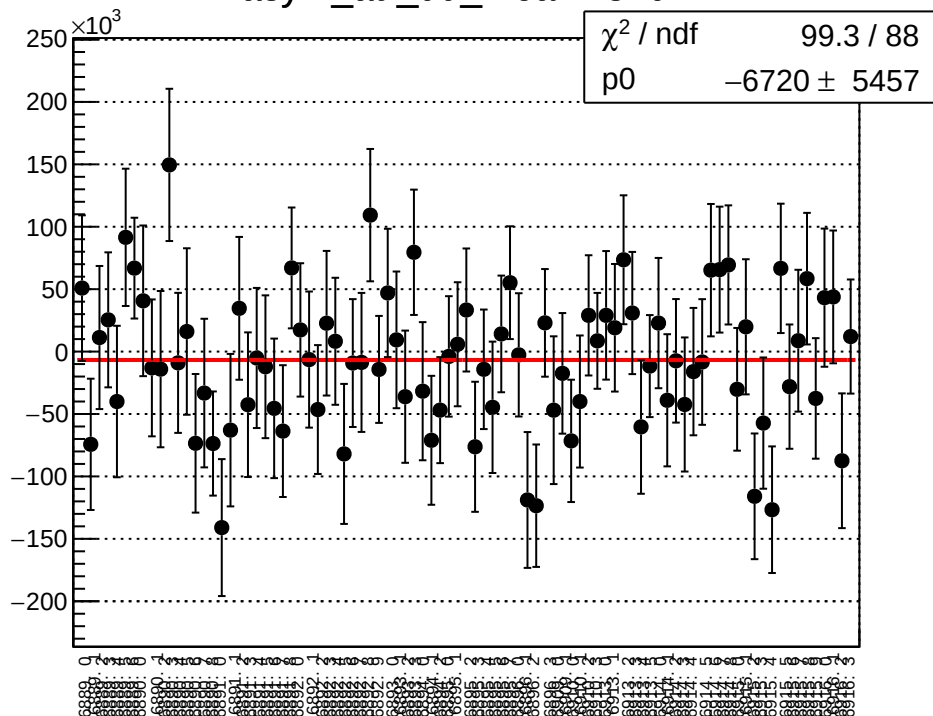


$\times 10^3$ 

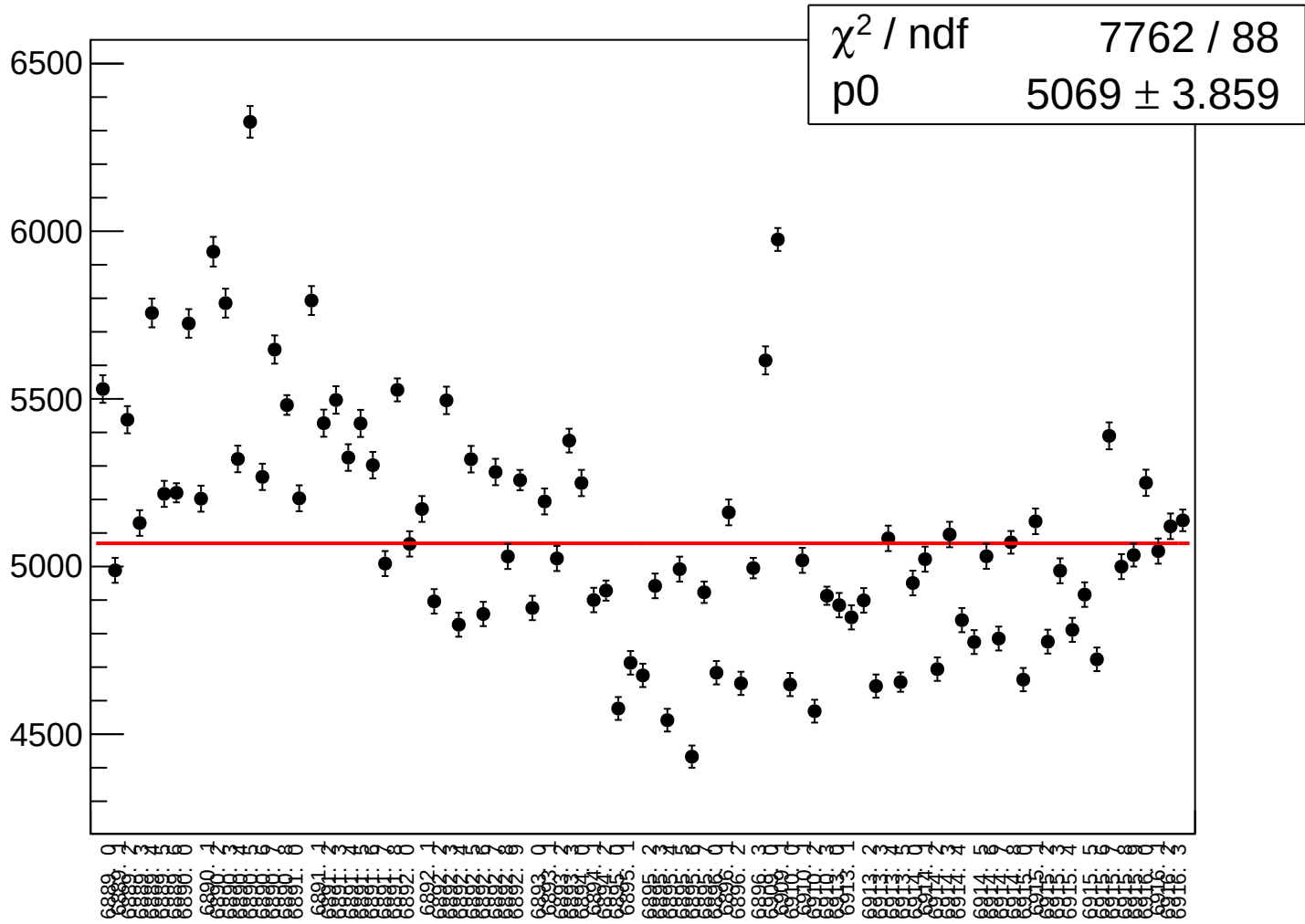
asym_atr_dd_eigen_dit_correction_rms vs run



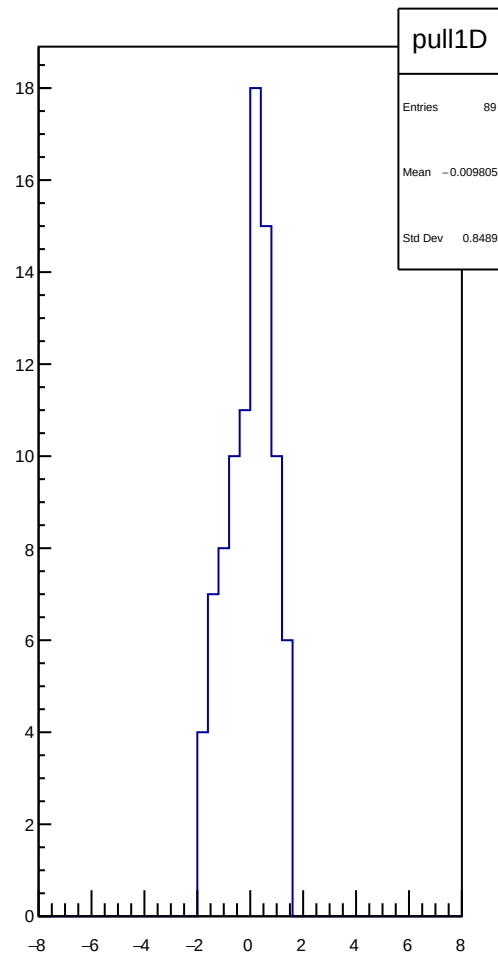
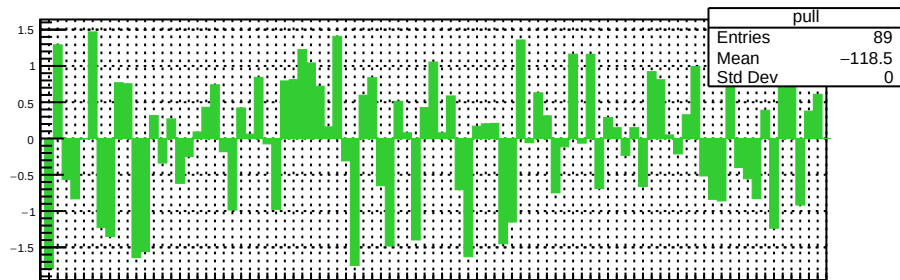
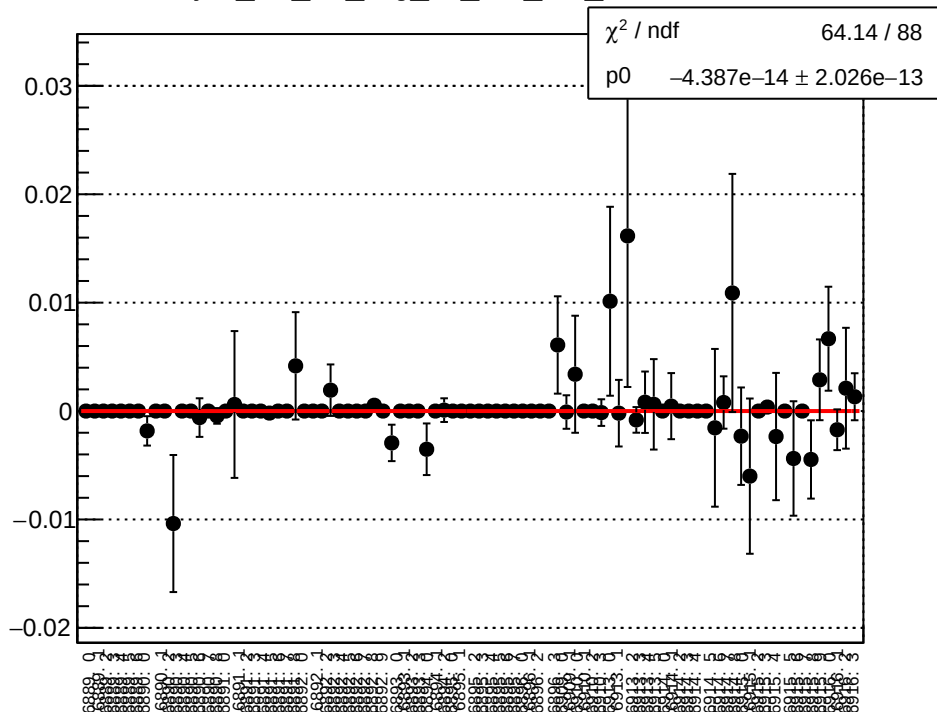
asym_atr_dd_mean vs run



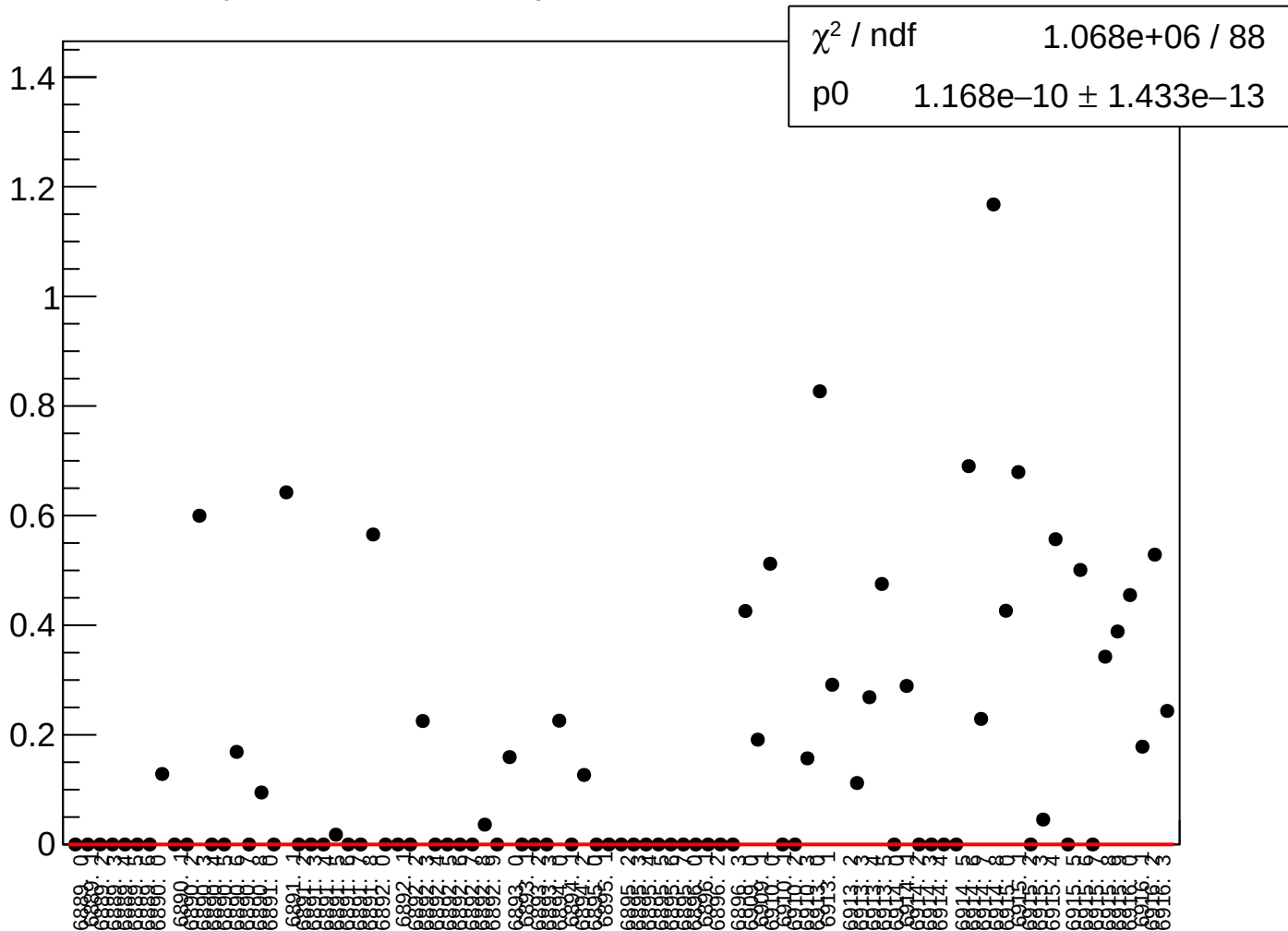
asym_atr_dd_rms vs run



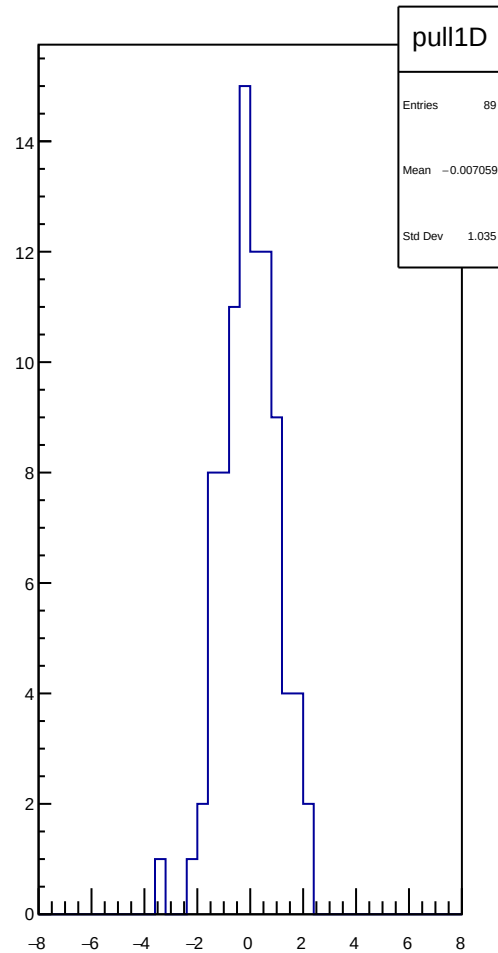
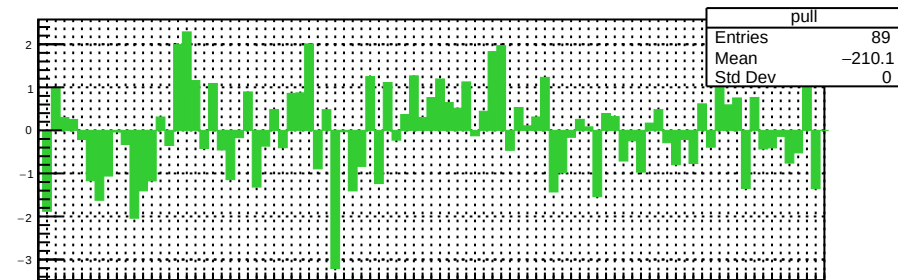
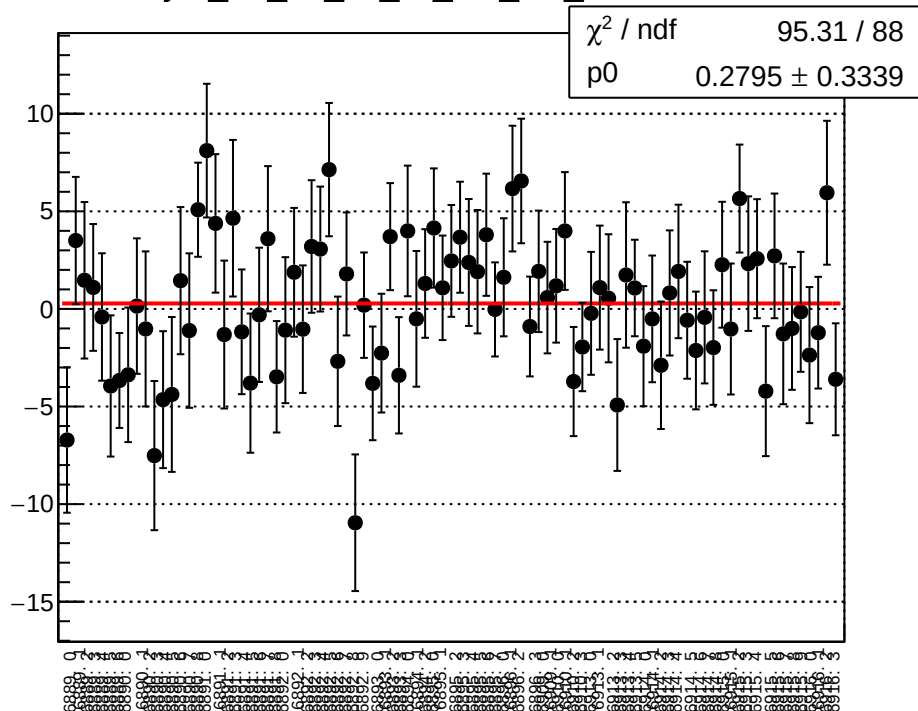
asym_atr_dd_reg_vs_cor_diff_mean vs run



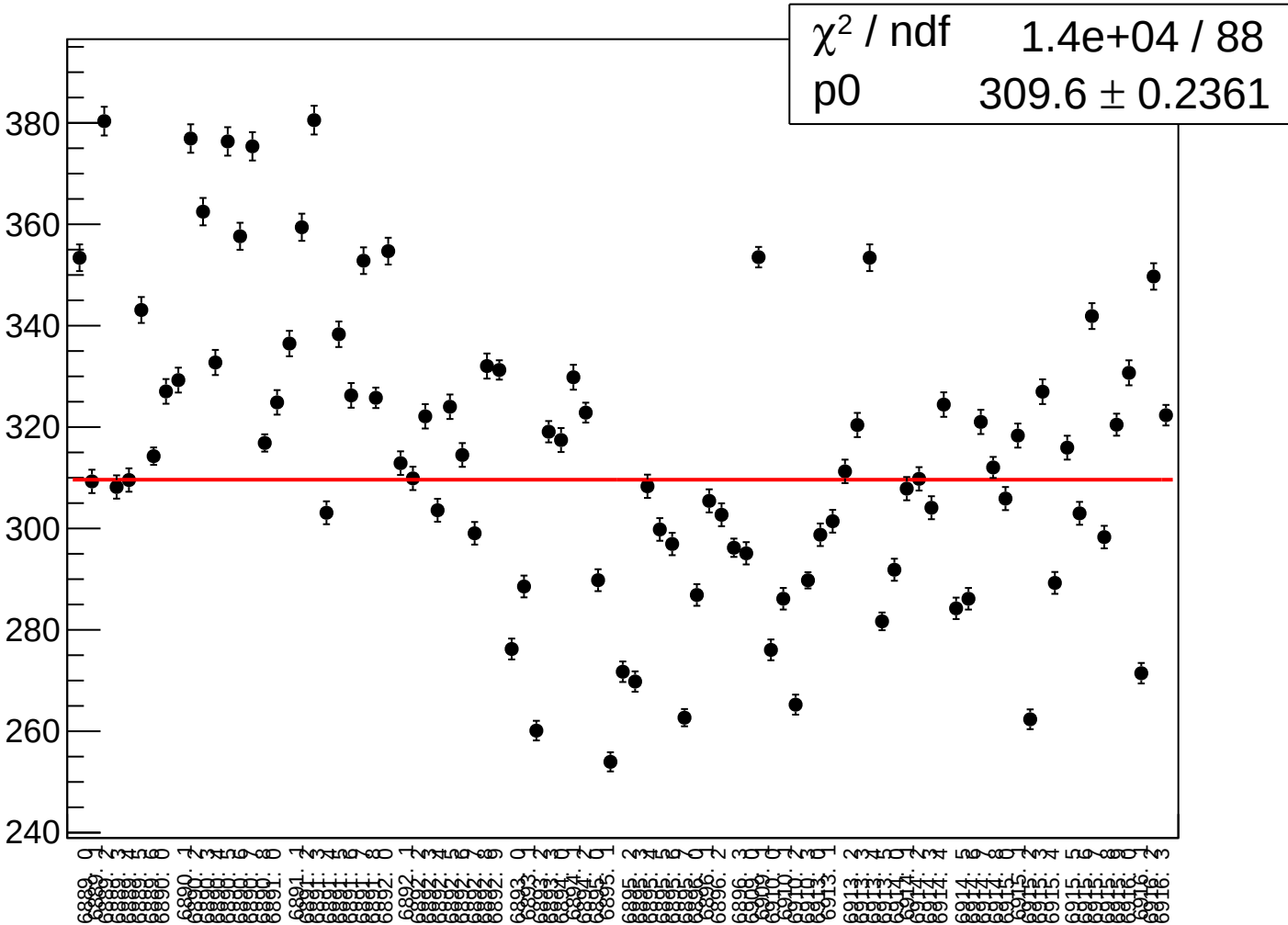
asym_atr_dd_reg_vs_cor_diff_rms vs run



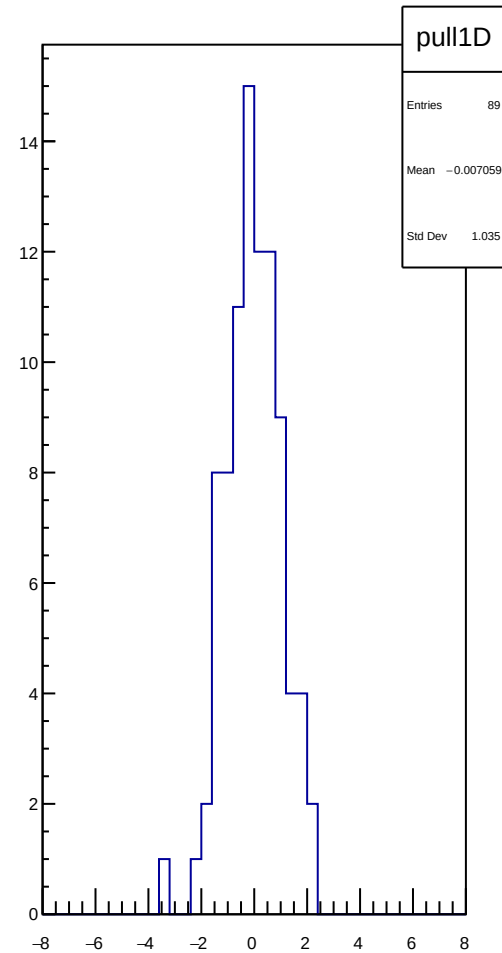
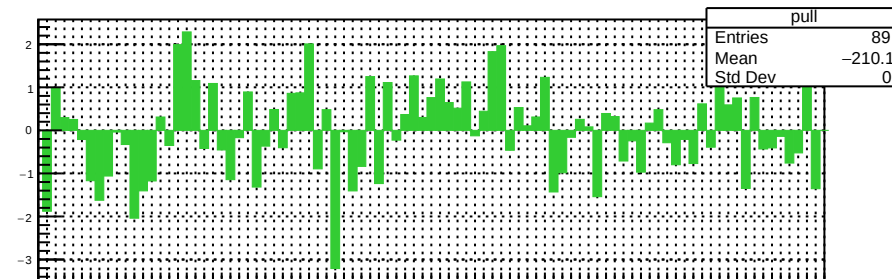
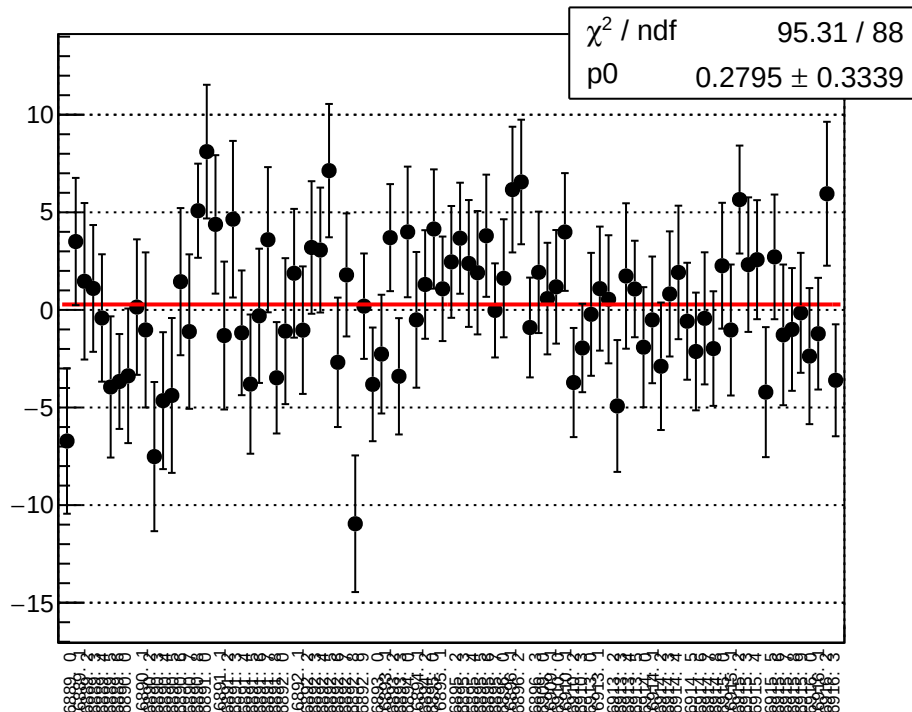
asym_atr_dd_dit_vs_cor_diff_mean vs run



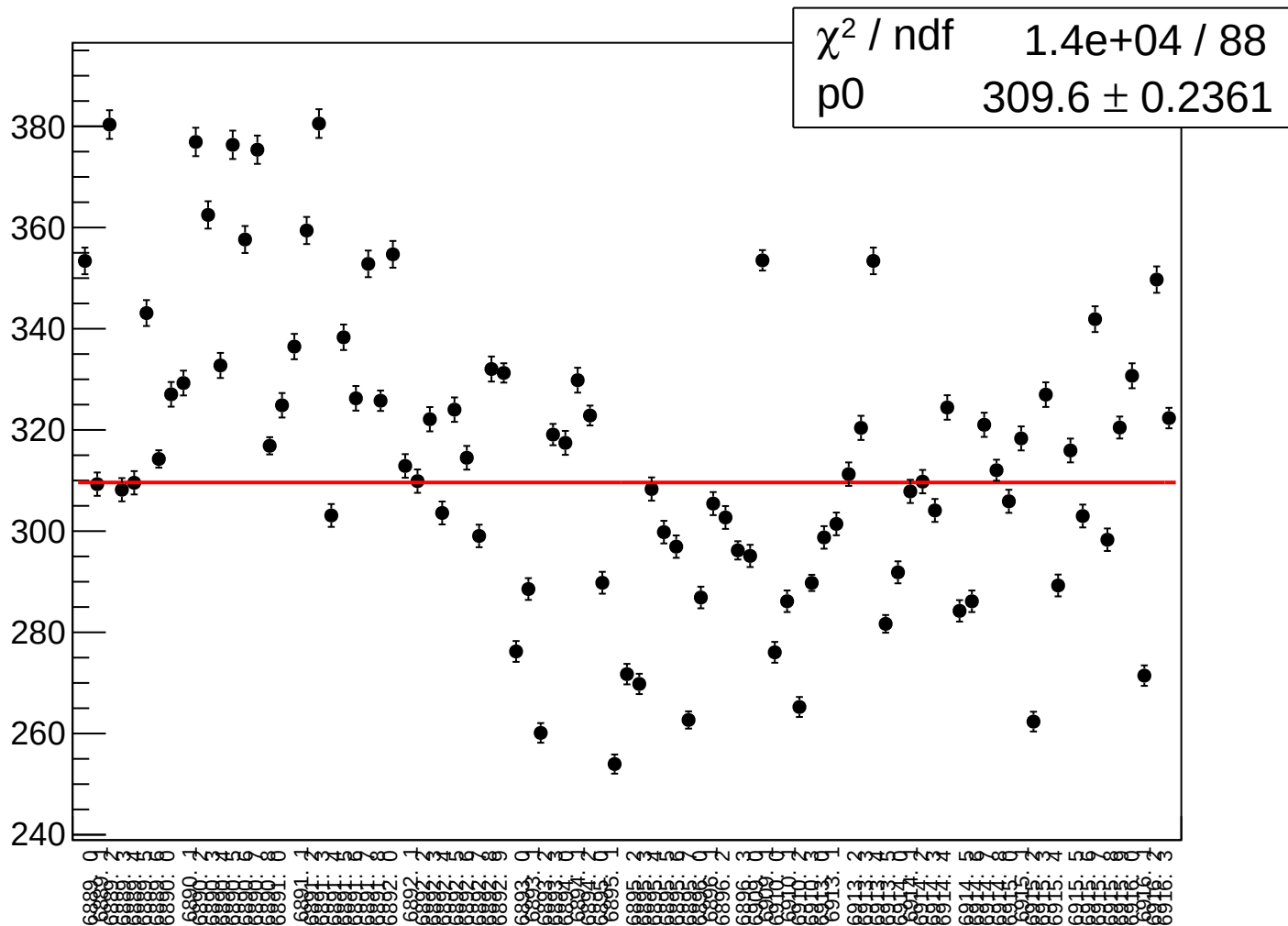
asym_atr_dd_dit_vs_cor_diff_rms vs run



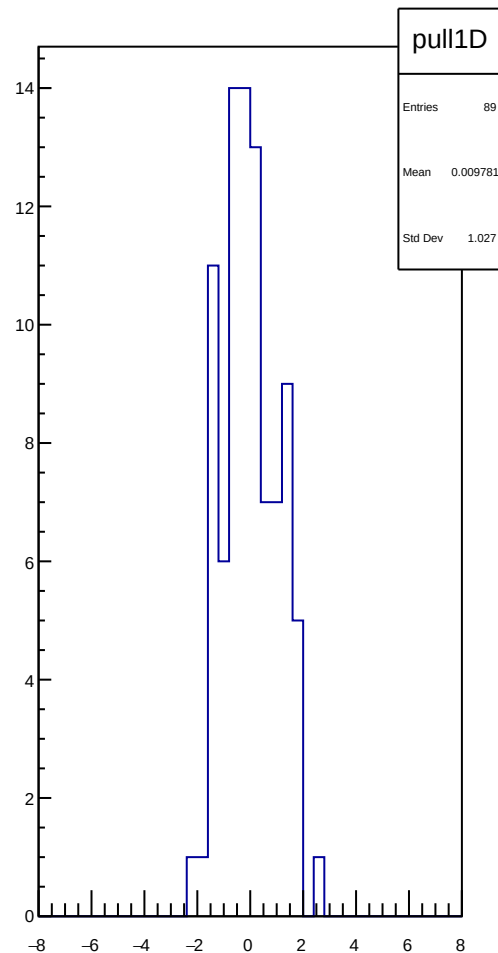
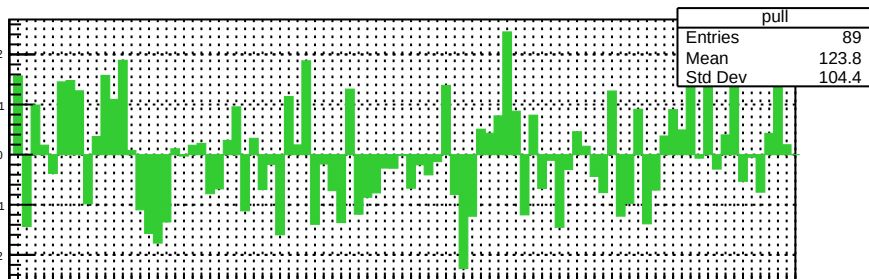
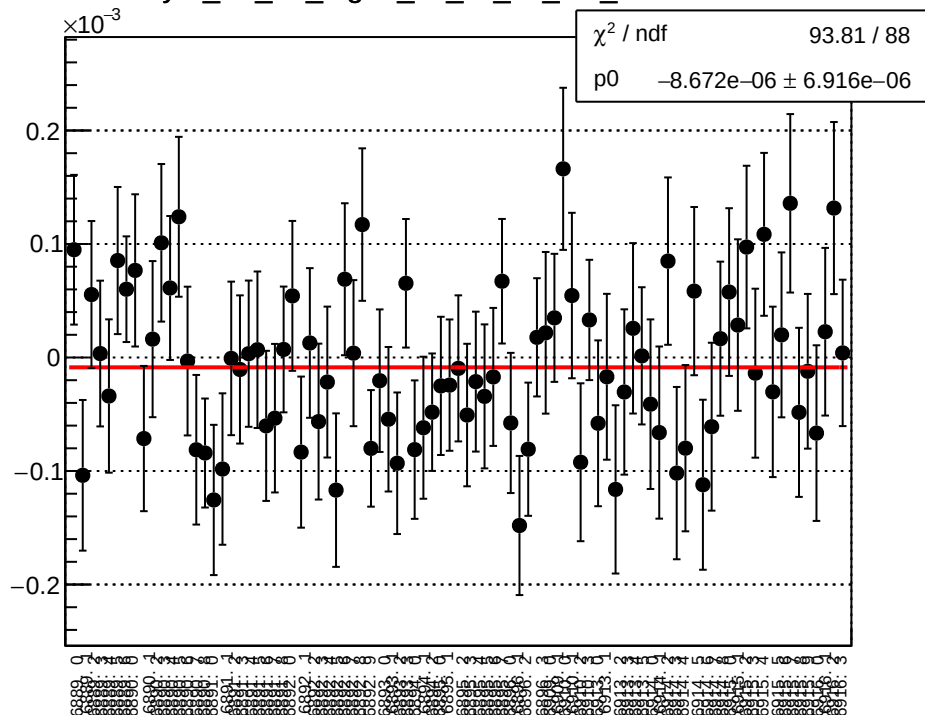
asym_atr_dd_dit_vs_eigen_cor_diff_mean vs run



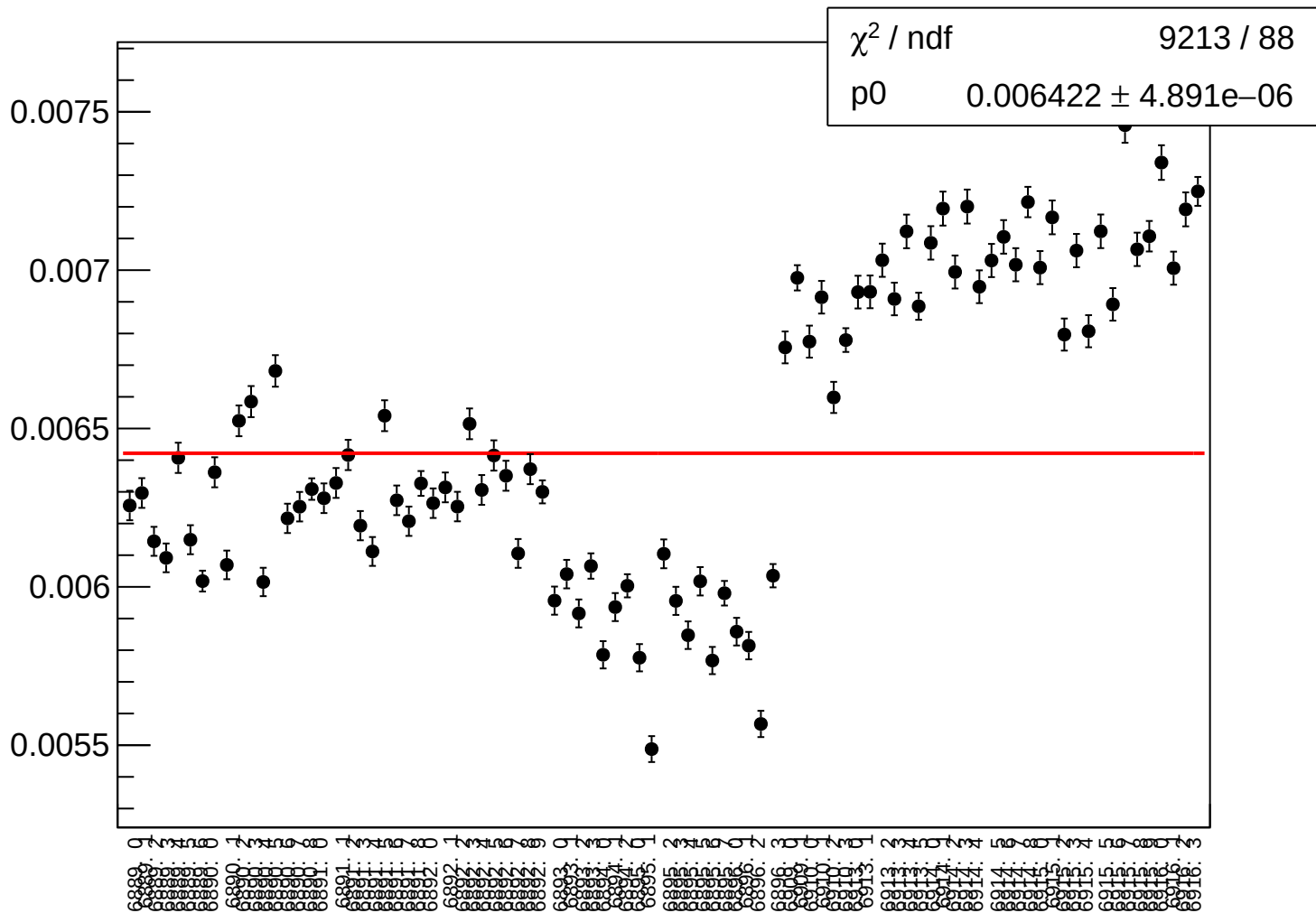
asym_atr_dd_dit_vs_eigen_cor_diff_rms vs run



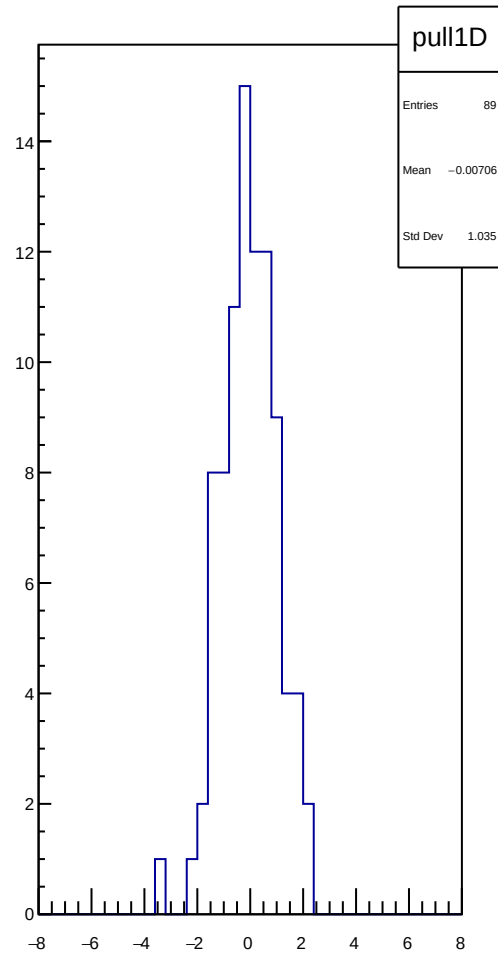
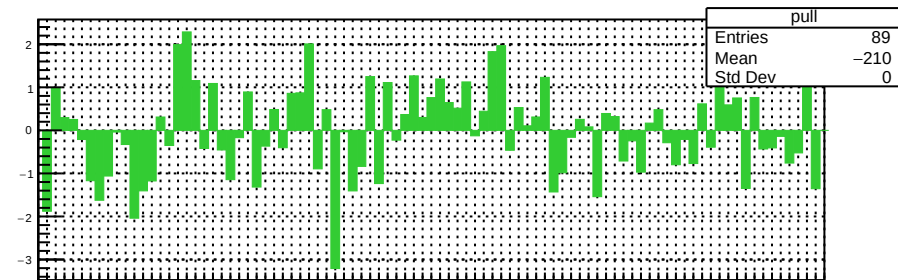
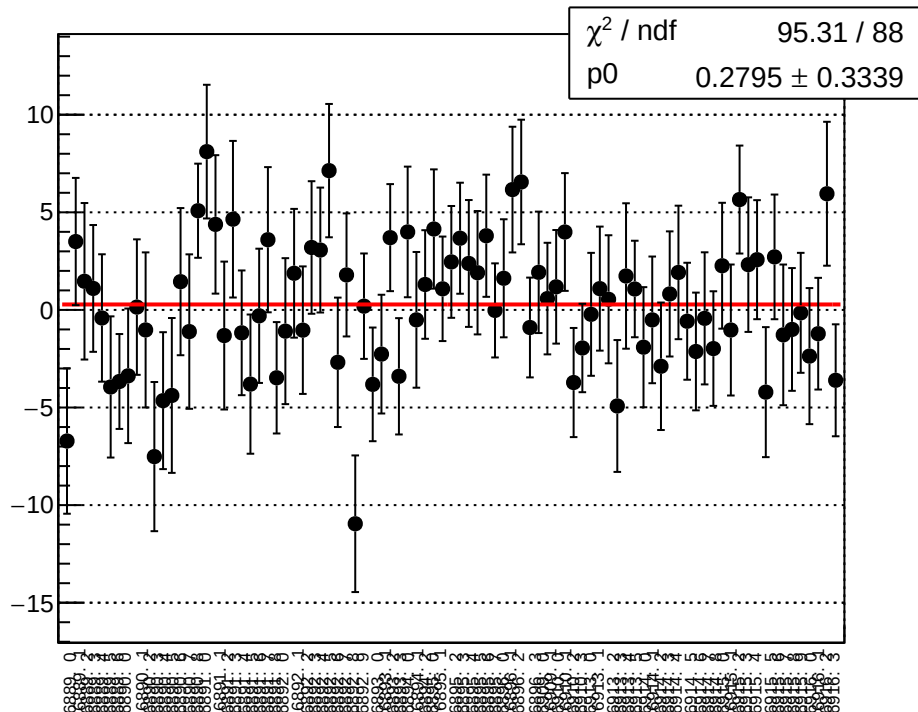
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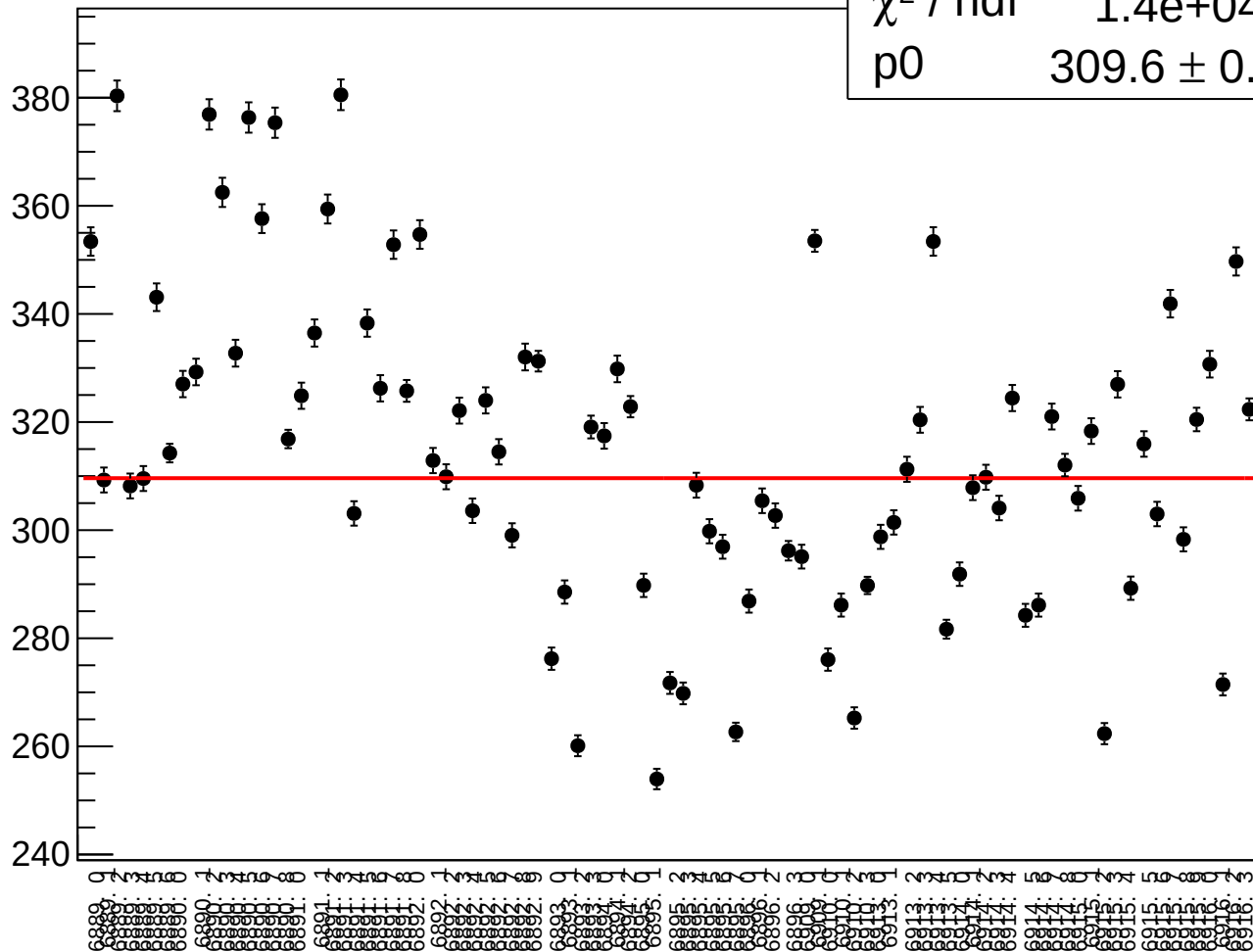
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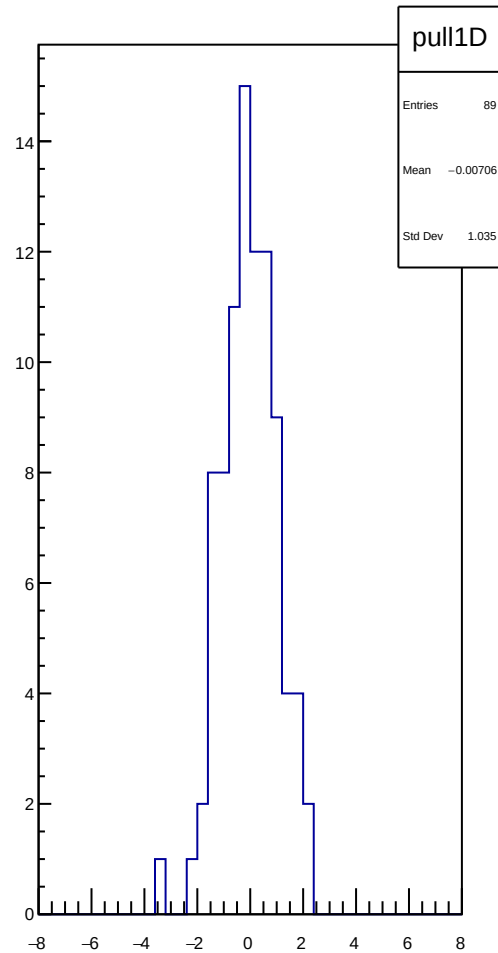
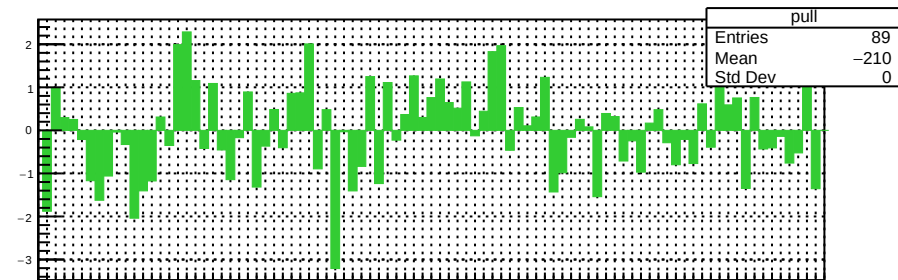
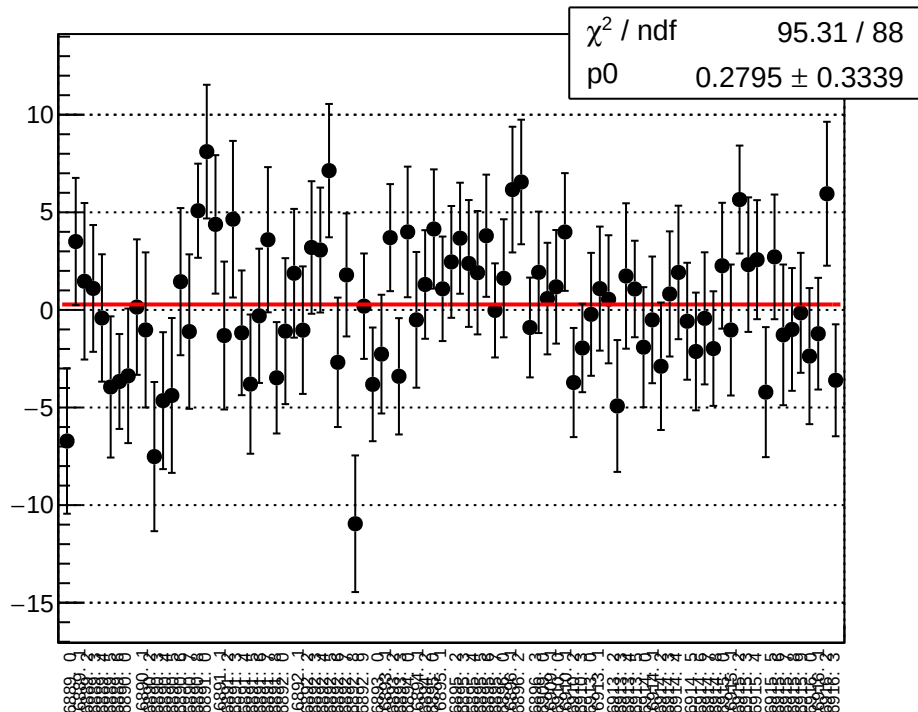
asym_atr_dd_eigen_dit_vs_cor_diff_mean vs run



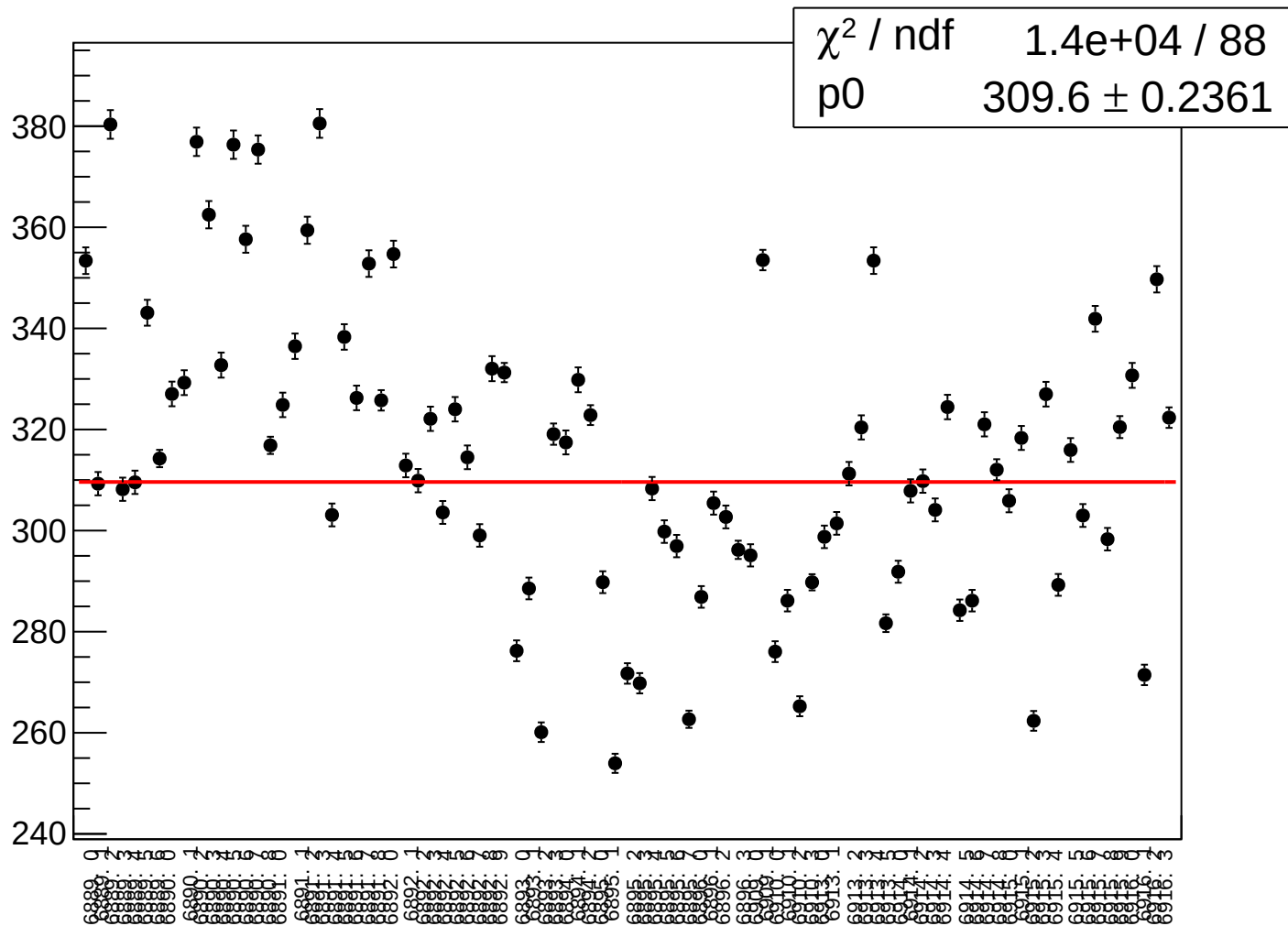
χ^2 / ndf	1.4e+04 / 88
p0	309.6 ± 0.2361



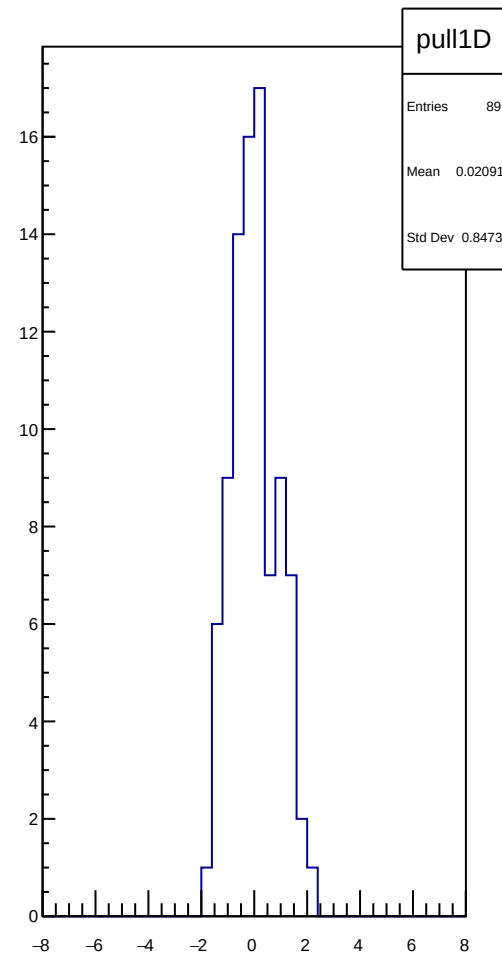
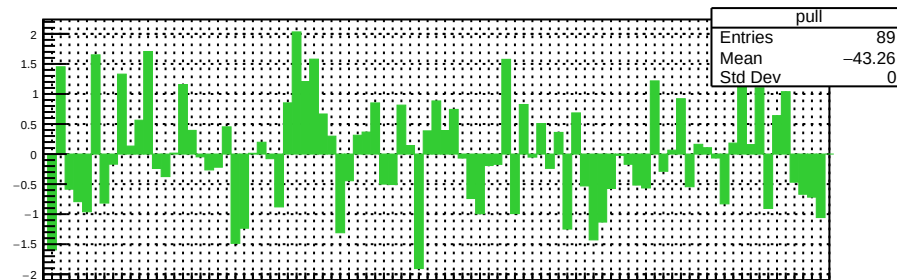
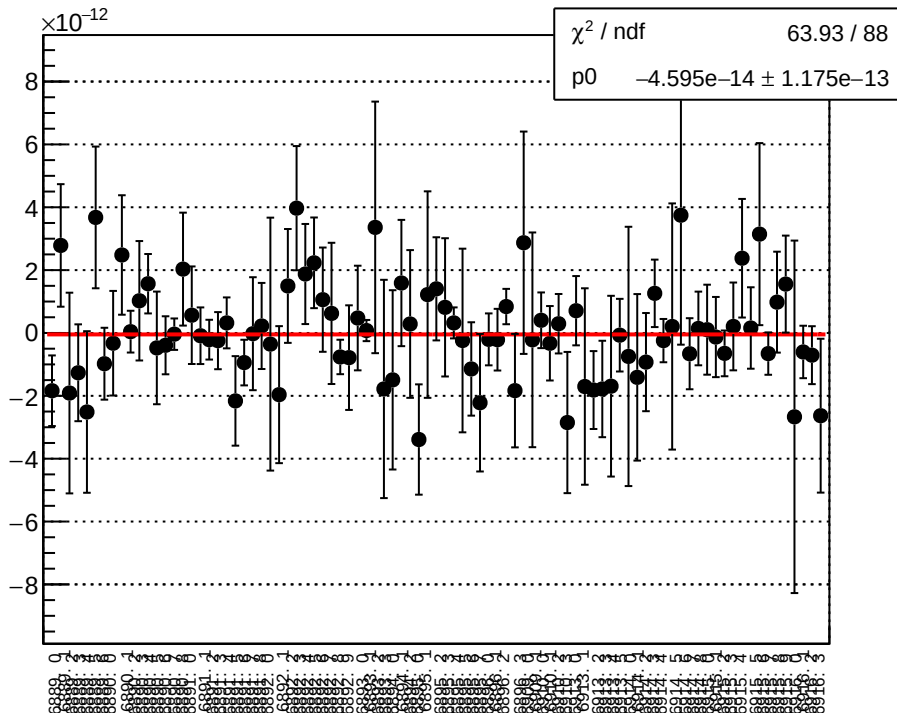
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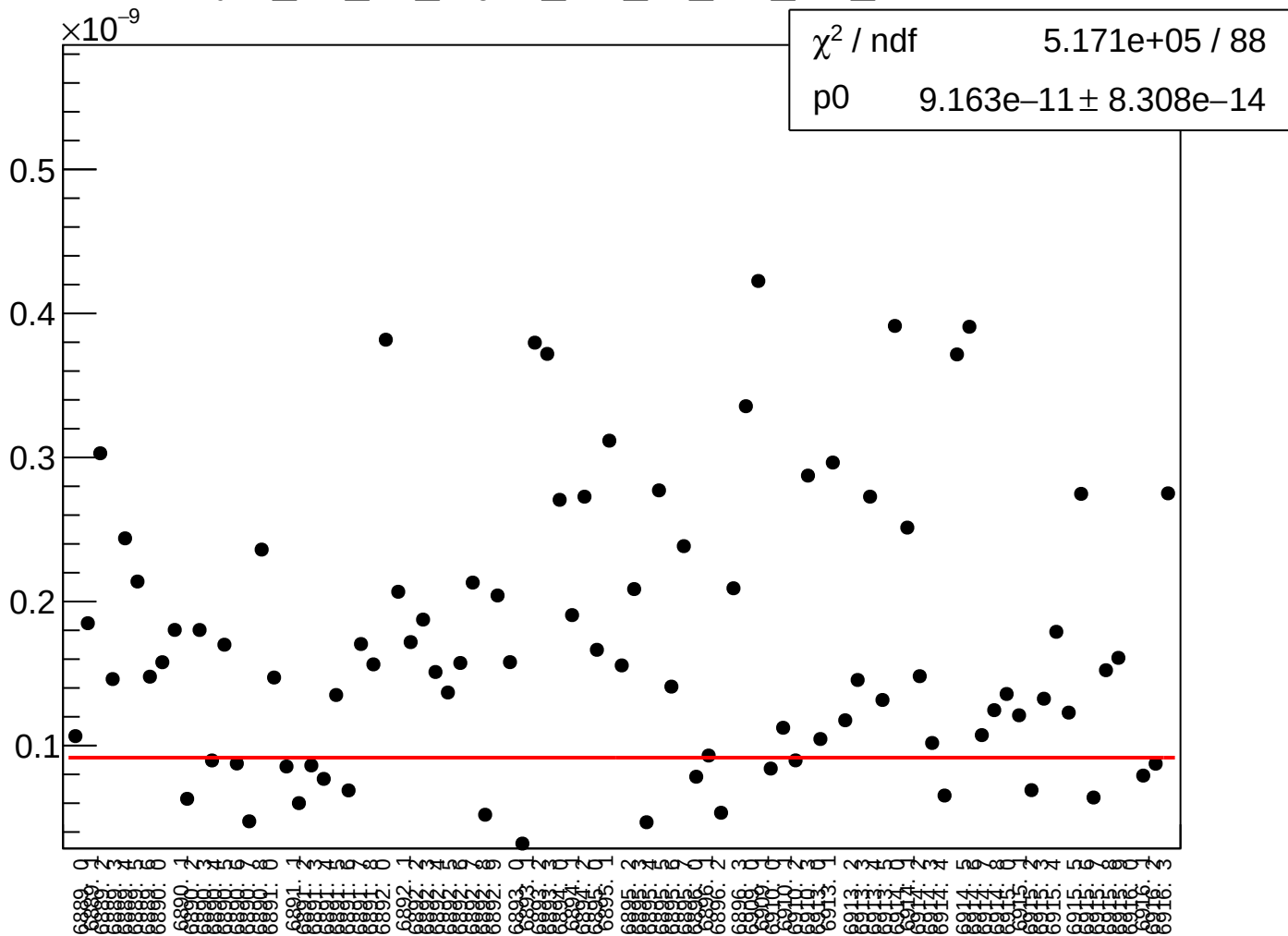
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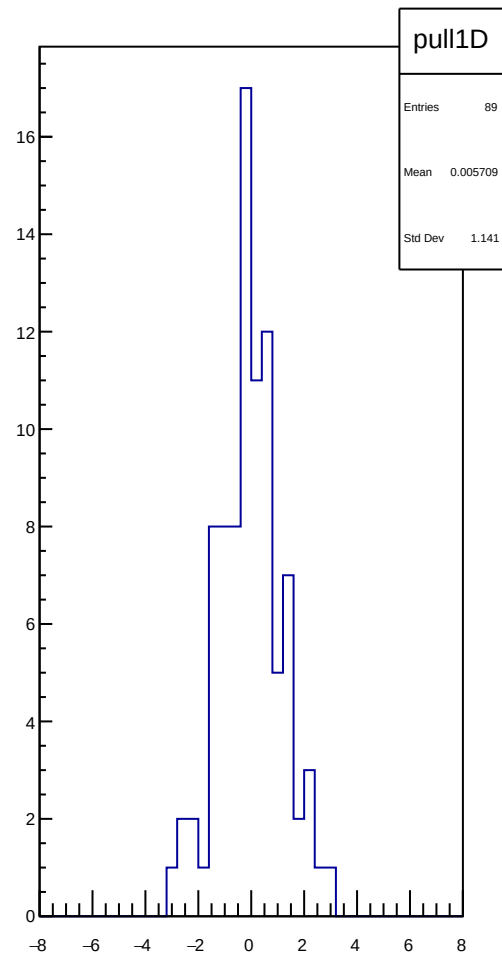
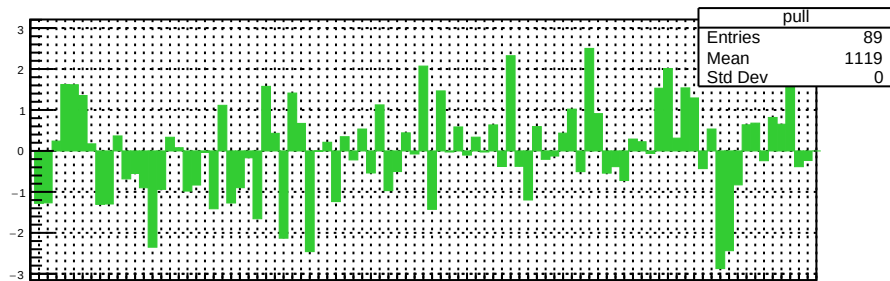
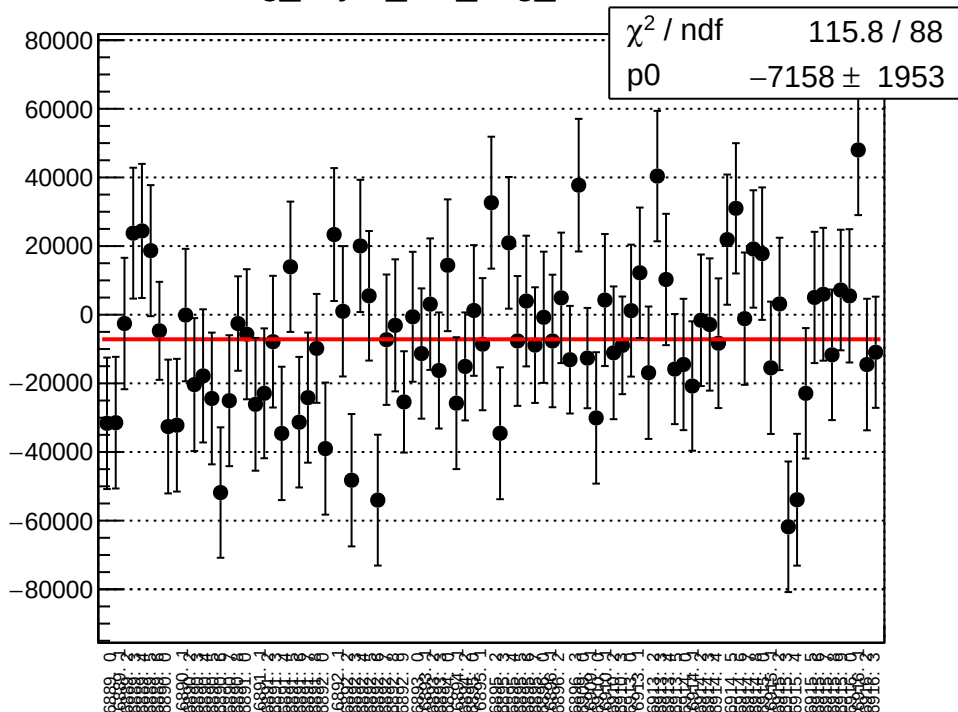
asym_atr_dd_eigen_cor_vs_cor_diff_mean vs run



asym_atr_dd_eigen_cor_vs_cor_diff_rms vs run



reg_asym_at1_avg_mean vs run



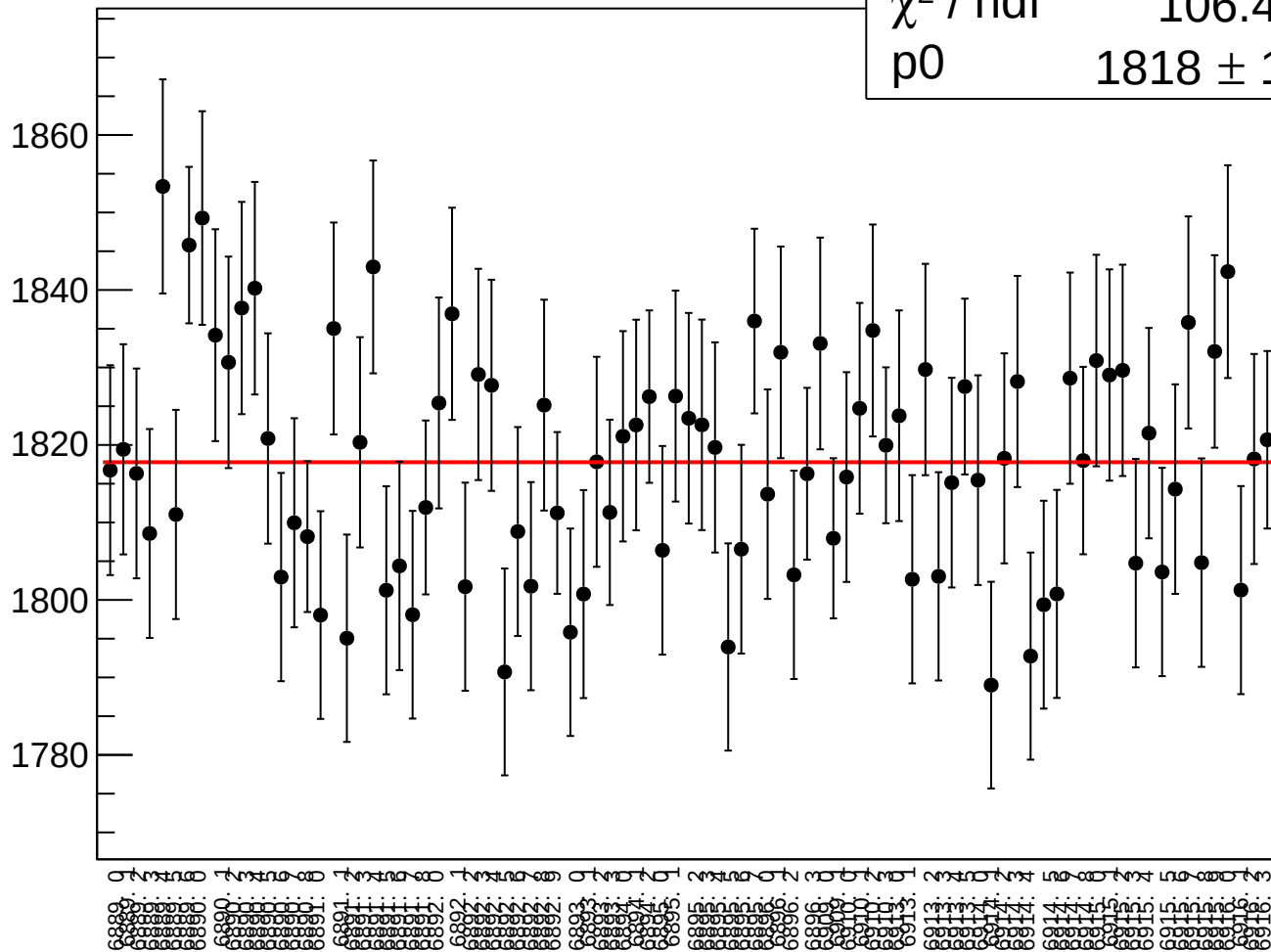
reg_asym_at1_avg_rms vs run

χ^2 / ndf

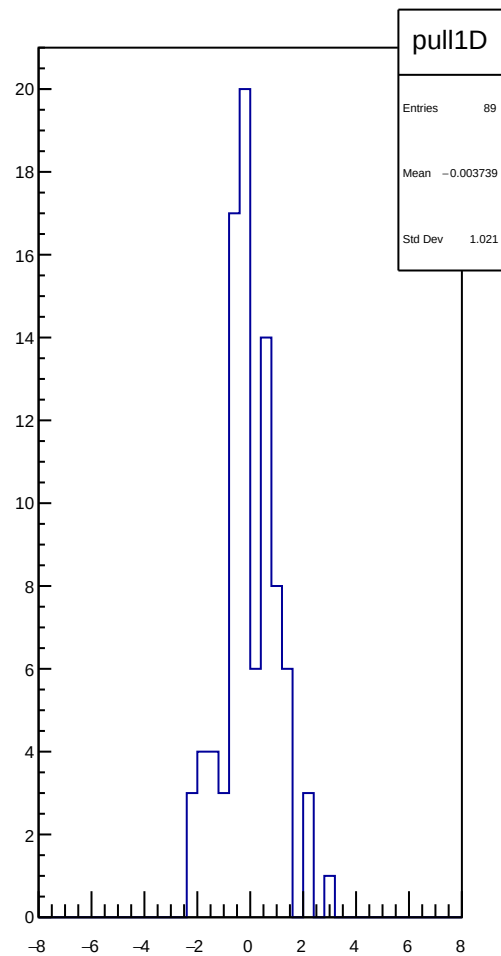
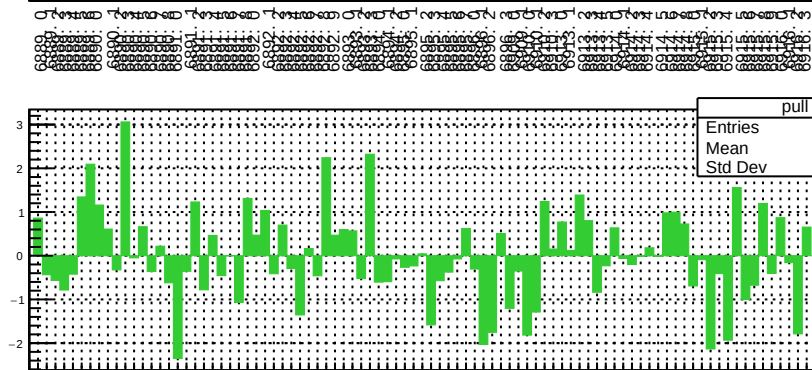
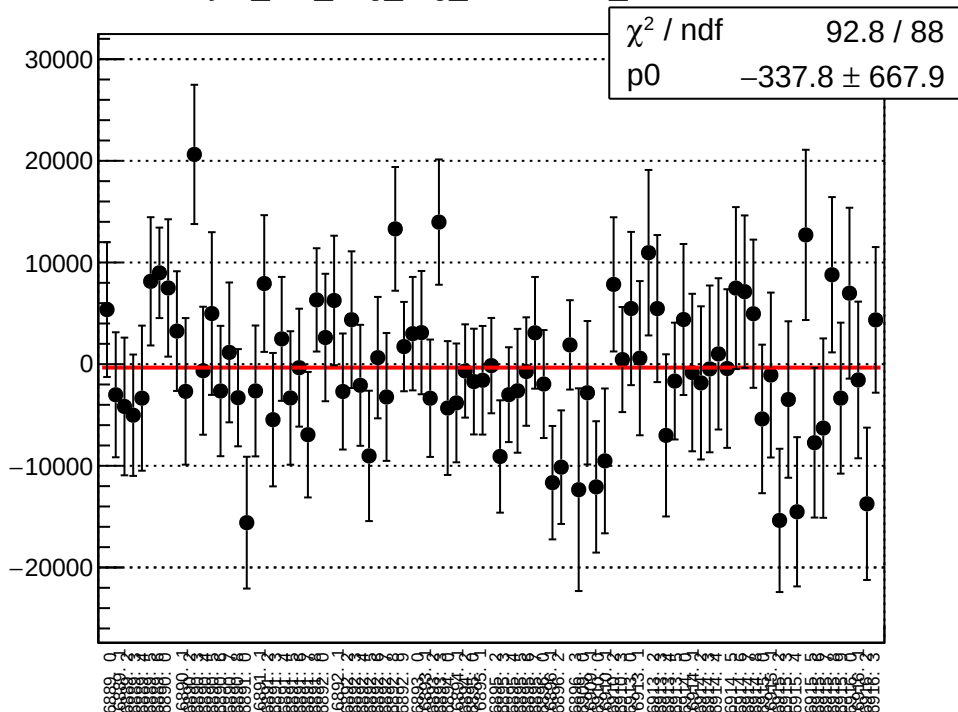
106.4 / 88

p0

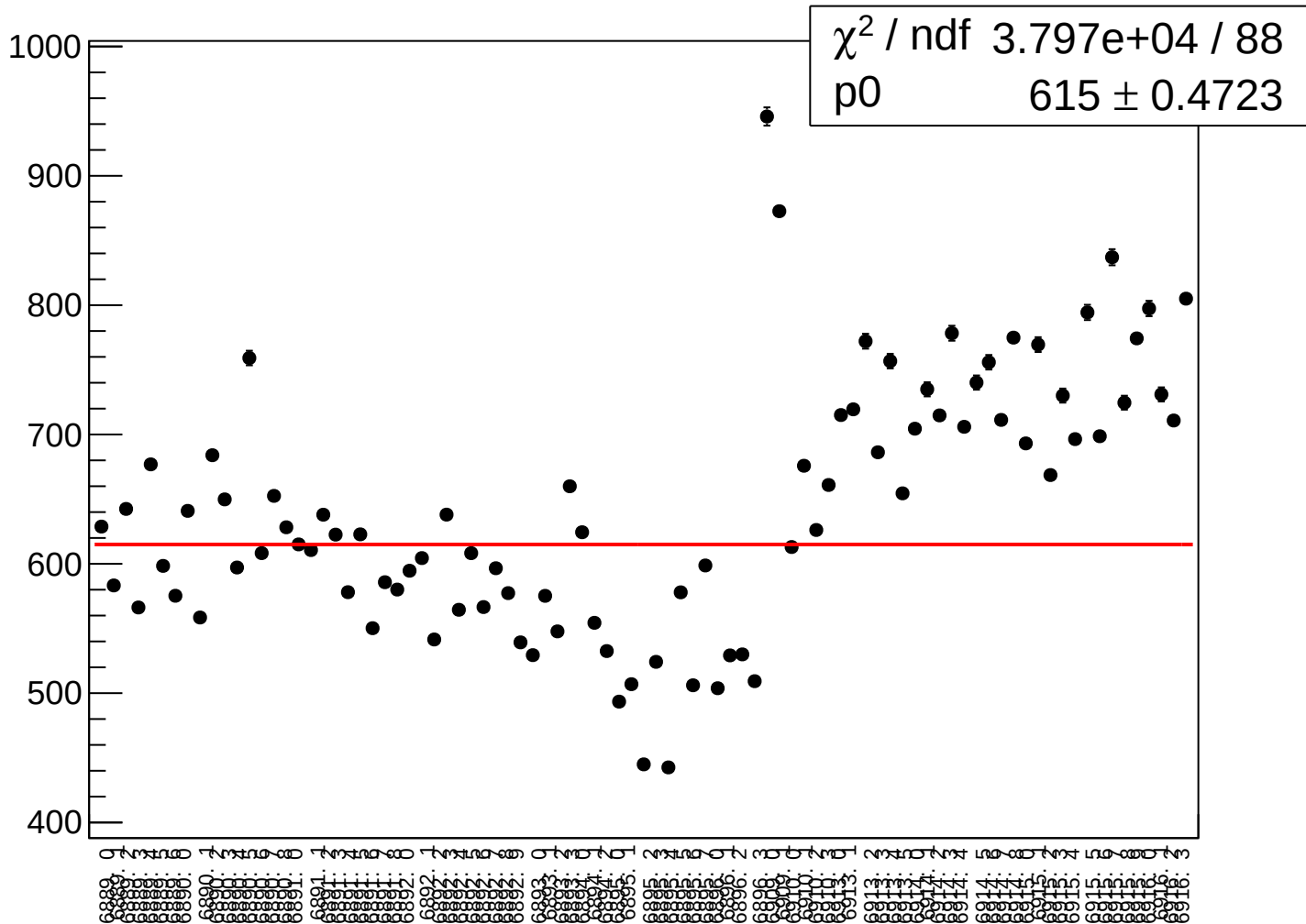
1818 ± 1.381



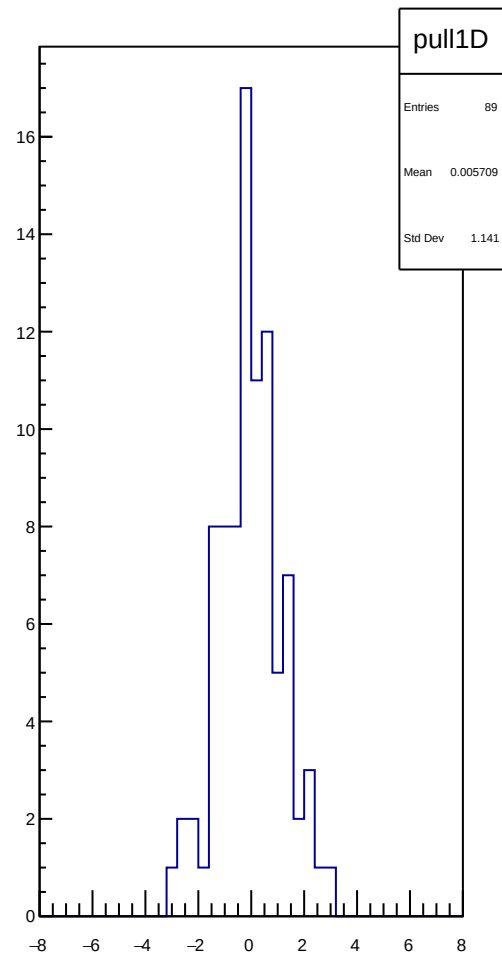
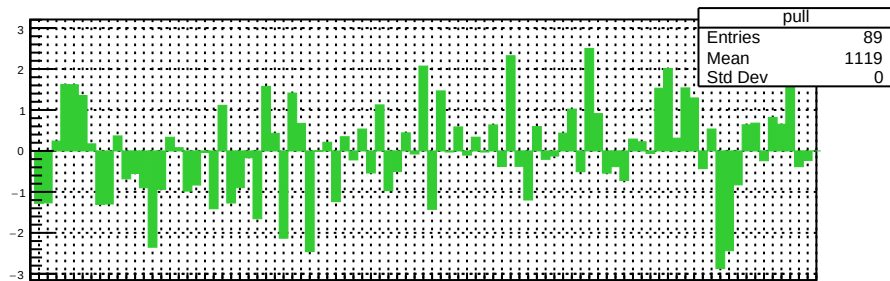
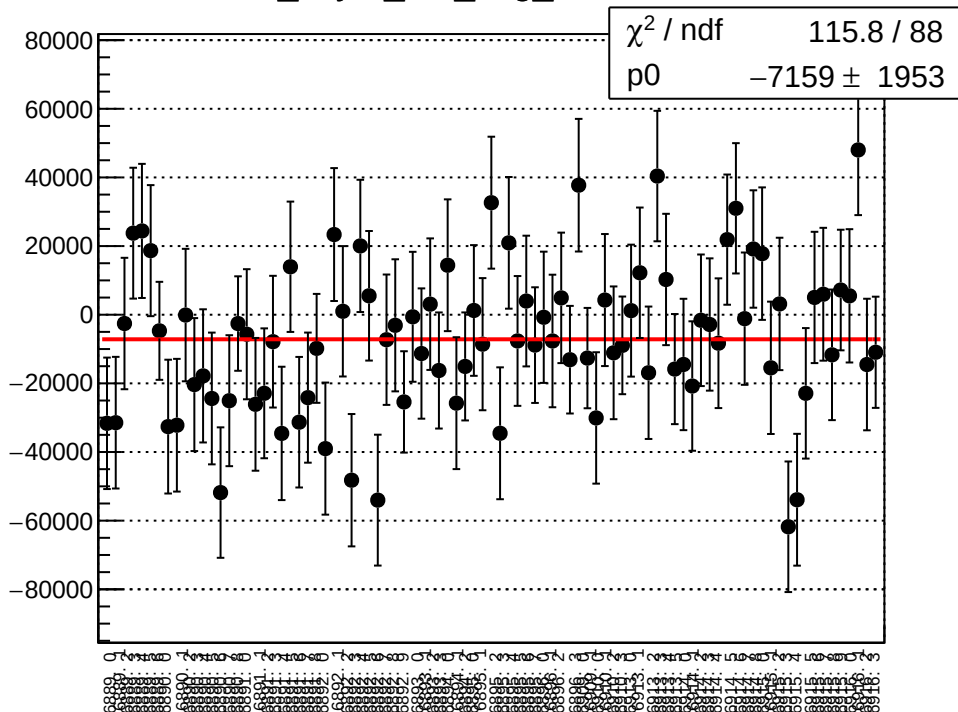
asym_at1_avg_reg_correction_mean vs run



asym_at1_avg_reg_correction_rms vs run



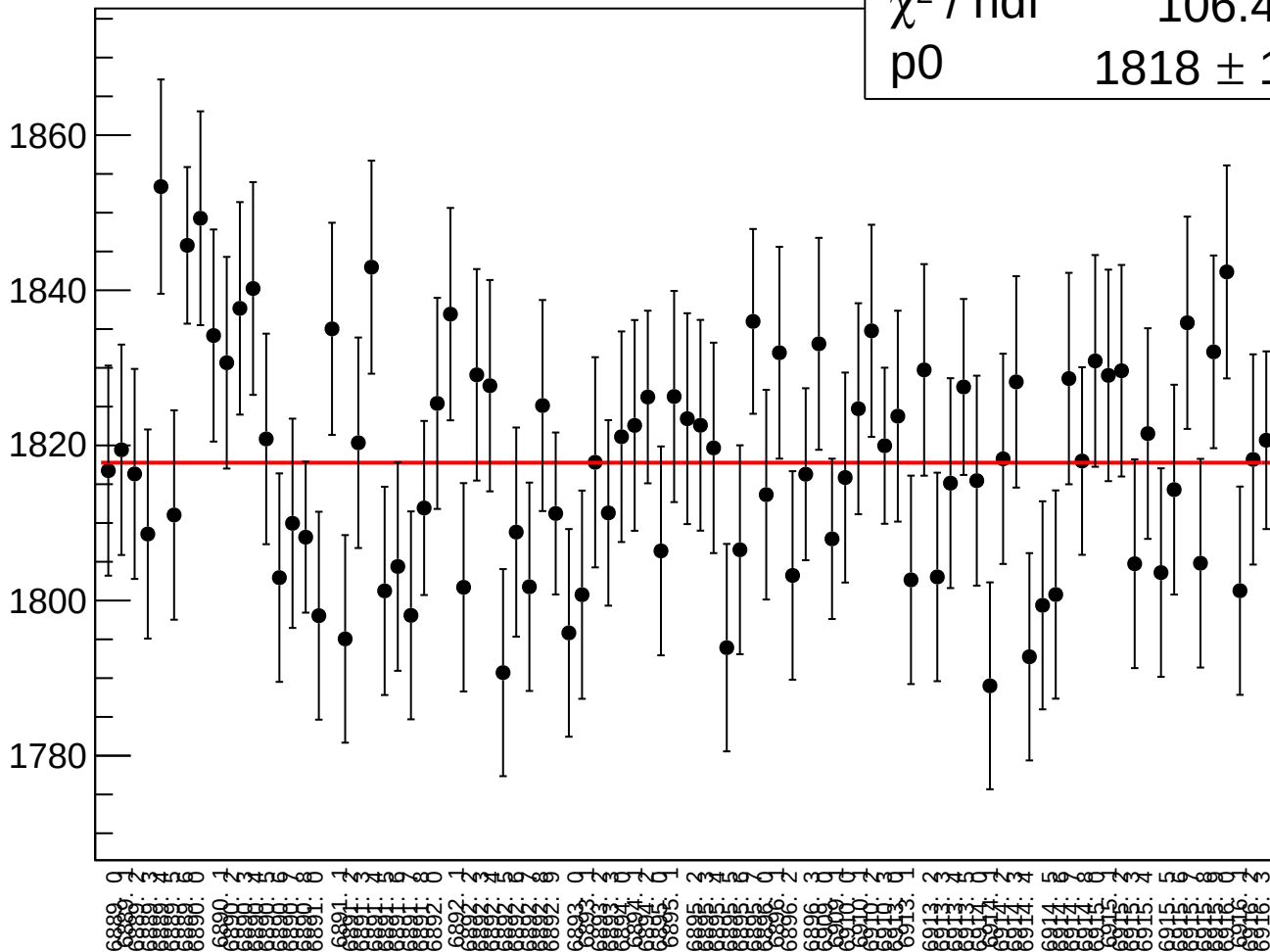
cor_asym_at1_avg_mean vs run



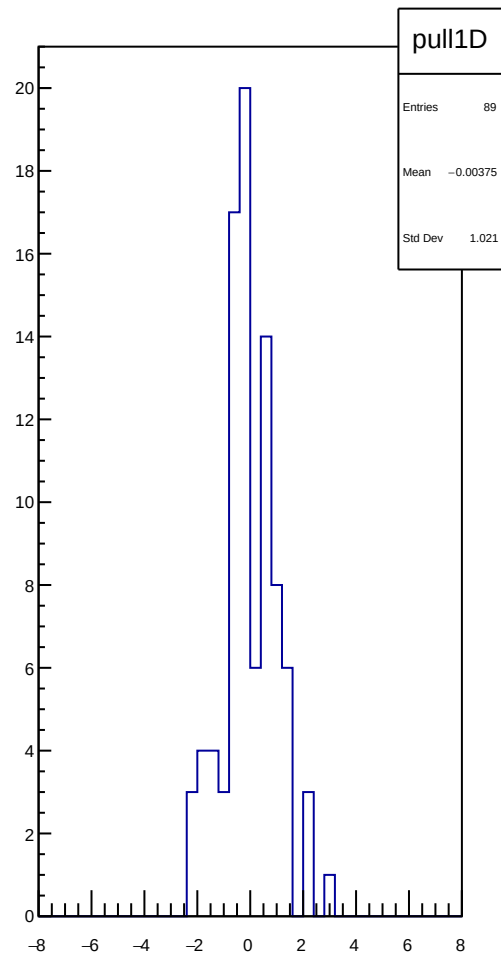
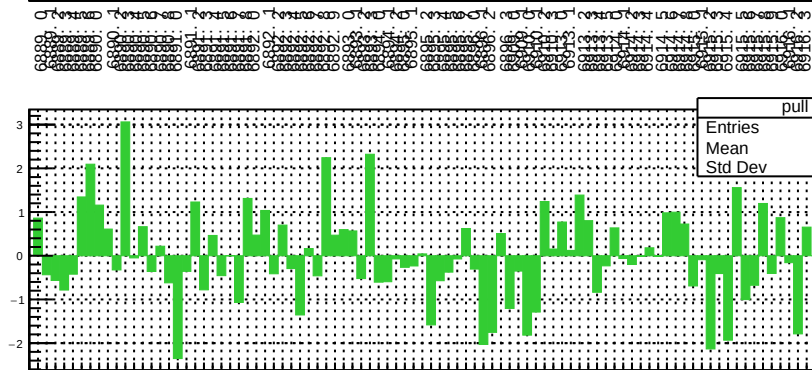
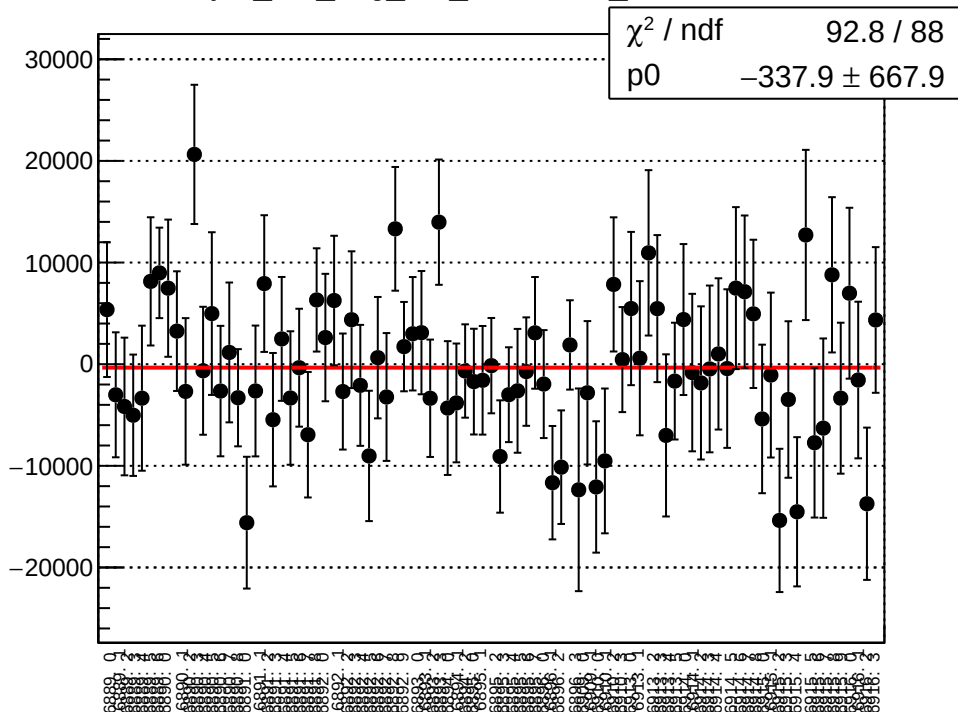
χ^2 / ndf

106.4 / 88

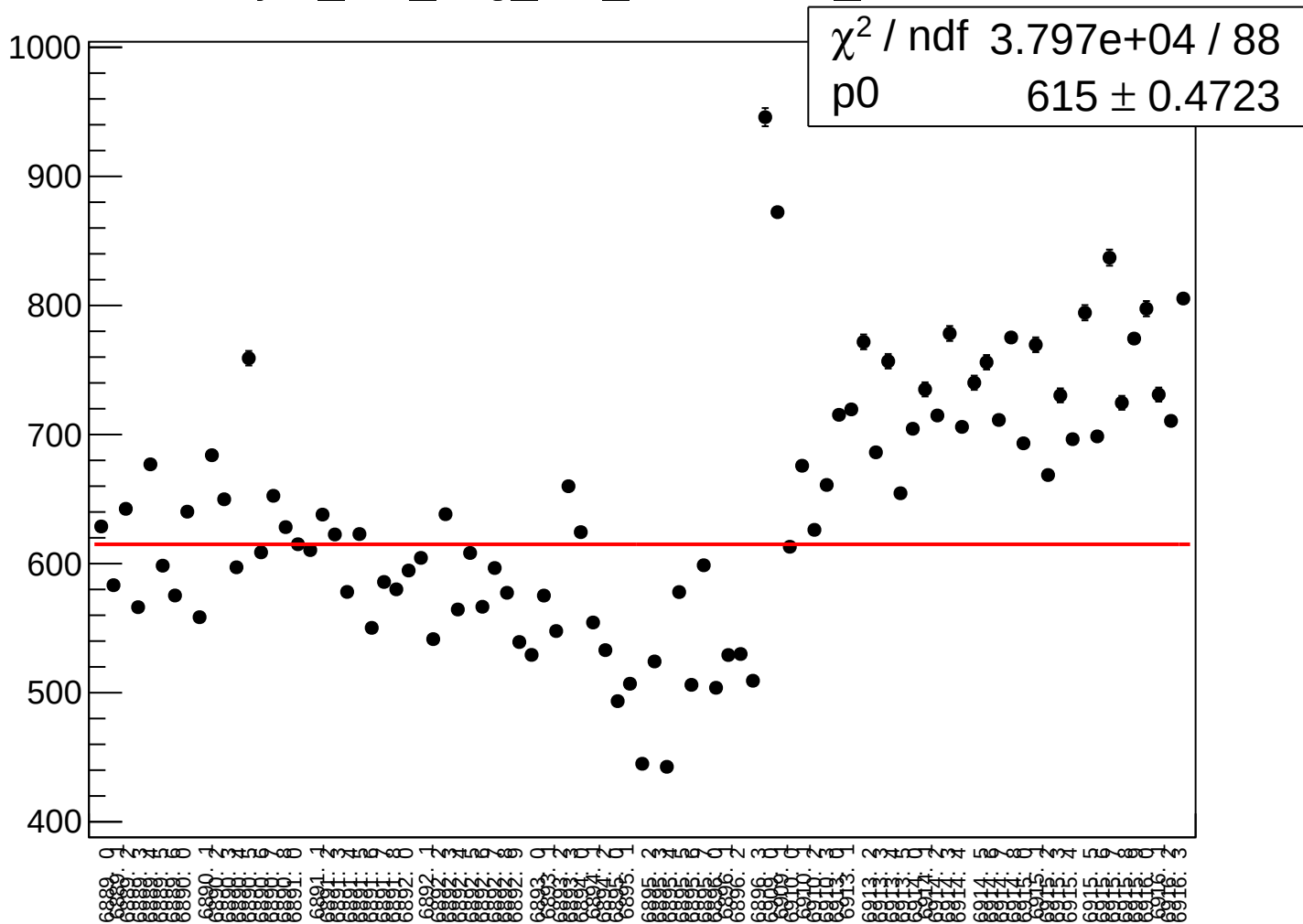
p0

$$1818 \pm 1.381$$


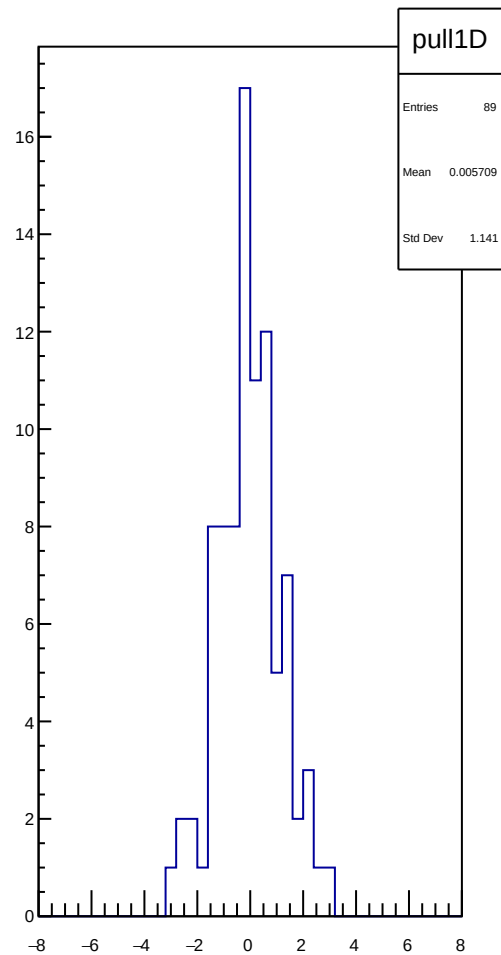
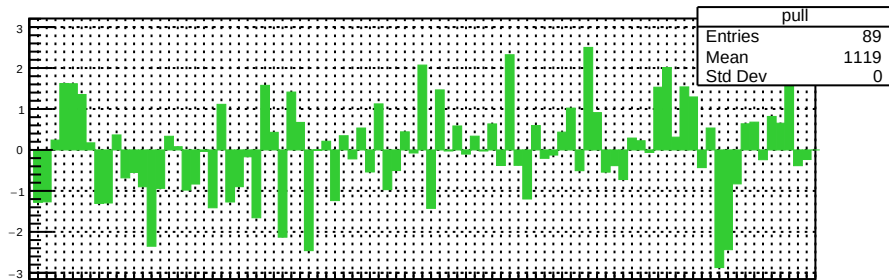
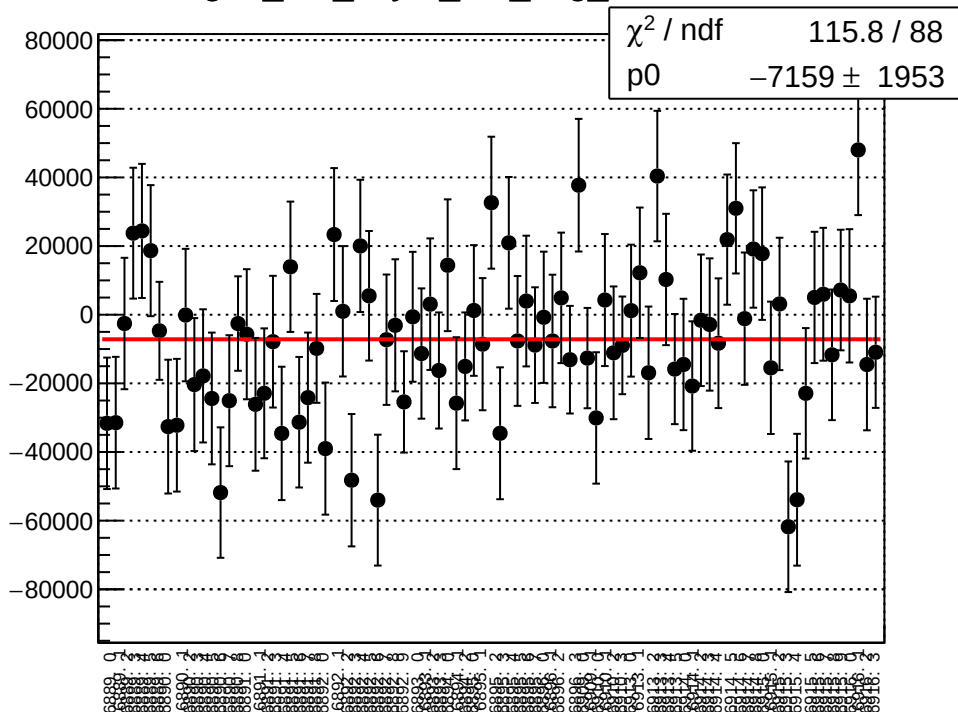
asym_at1_avg_cor_correction_mean vs run



asym_at1_avg_cor_correction_rms vs run



eigen_cor_asym_at1_avg_mean vs run



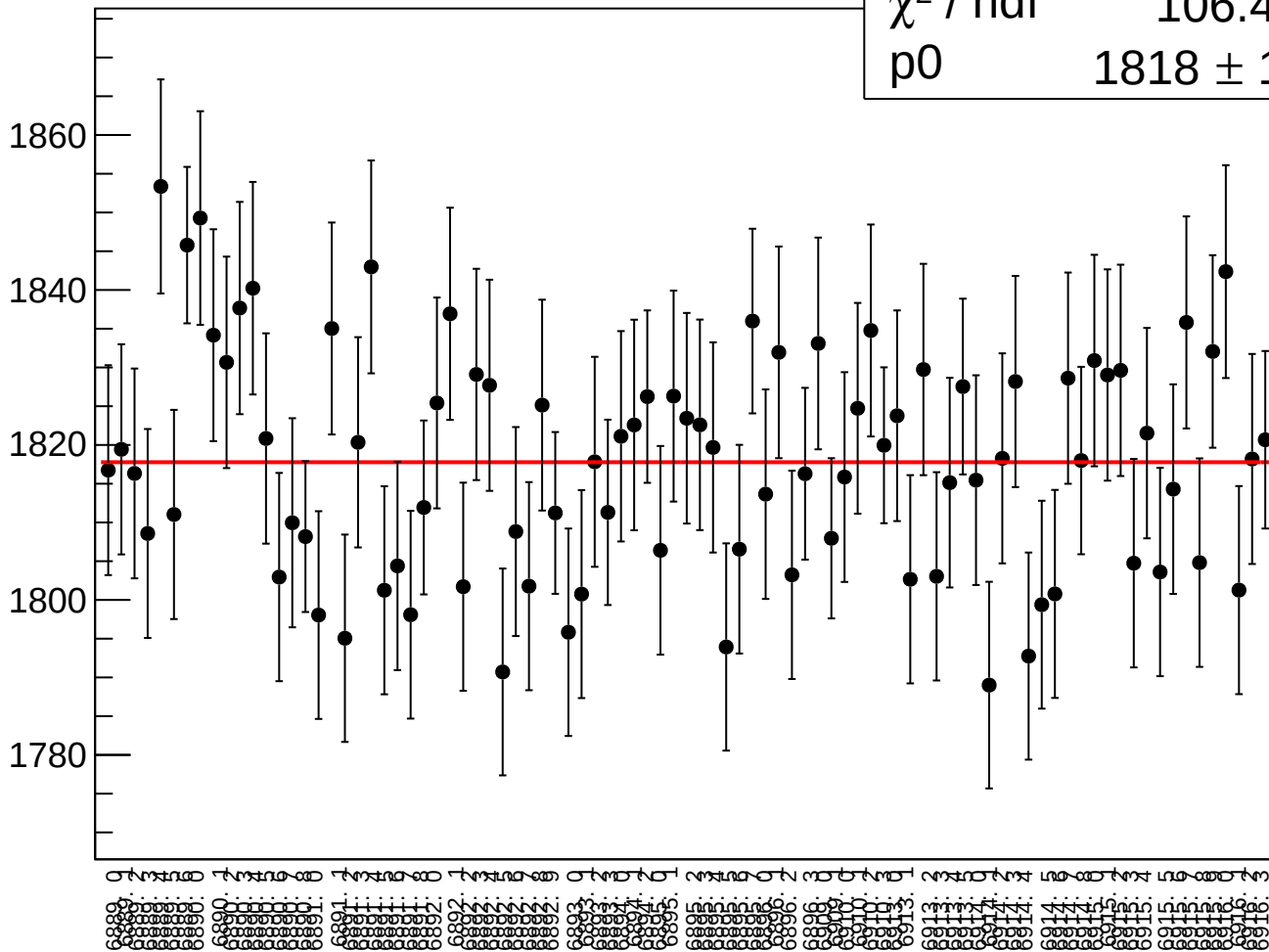
eigen_cor_asym_at1_avg_rms vs run

χ^2 / ndf

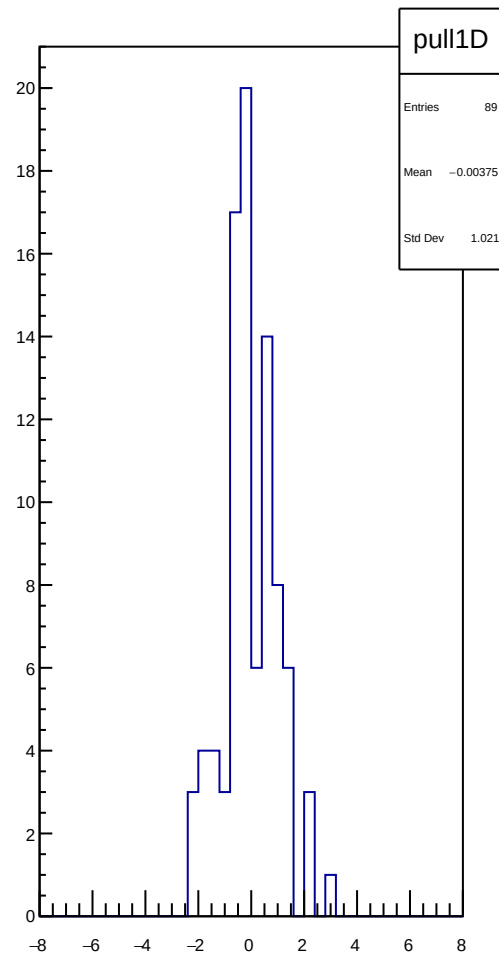
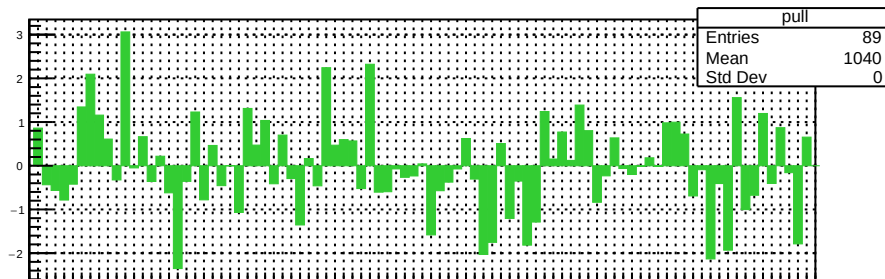
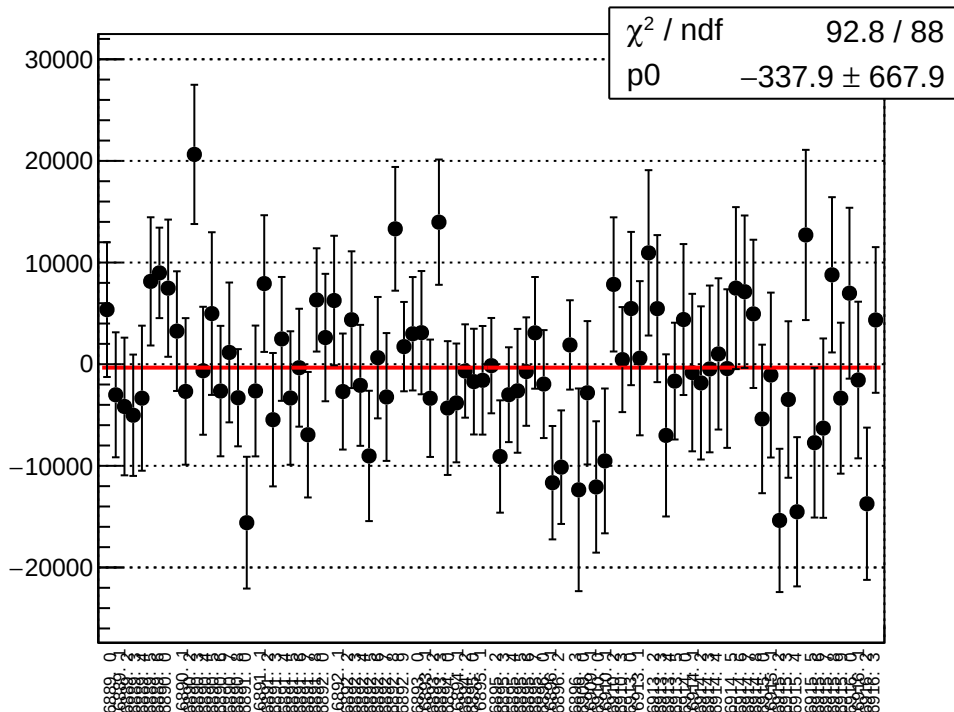
106.4 / 88

p0

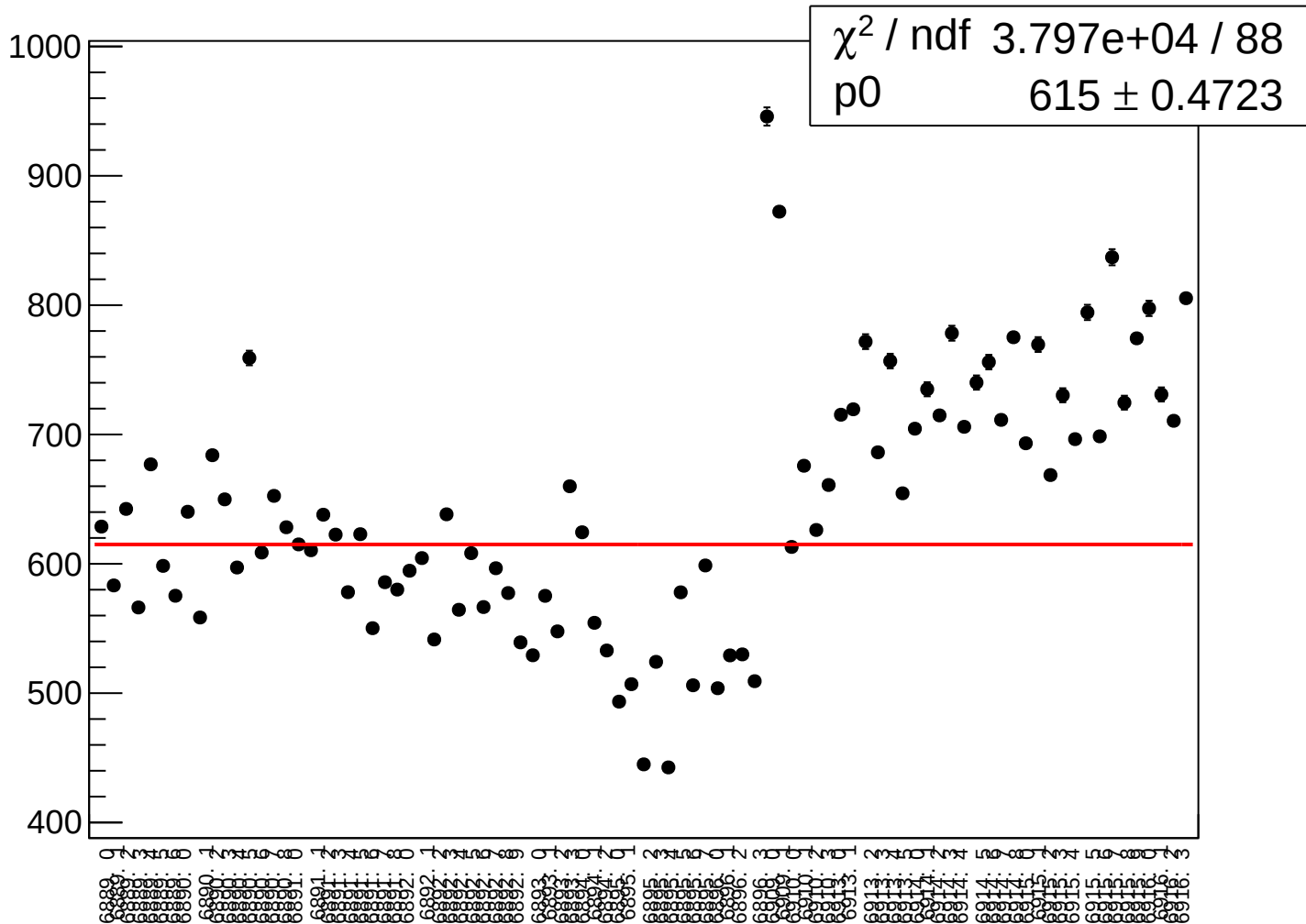
1818 ± 1.381



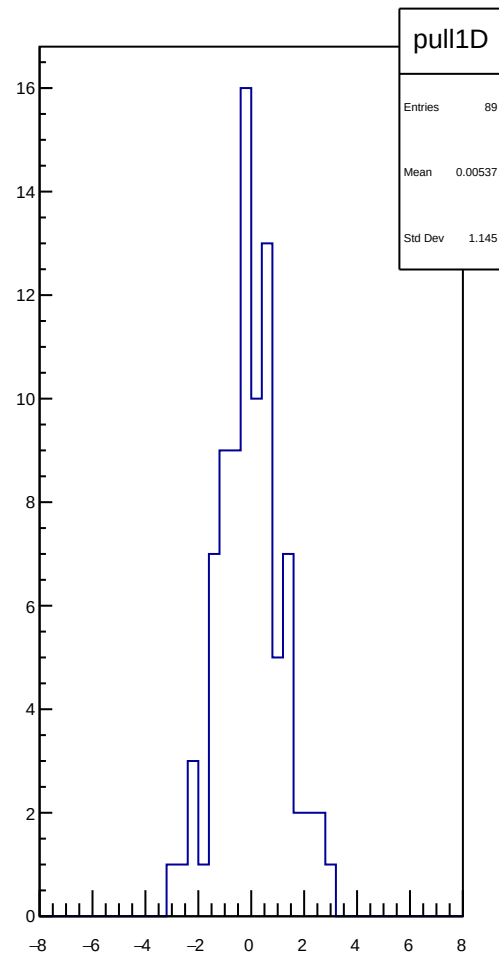
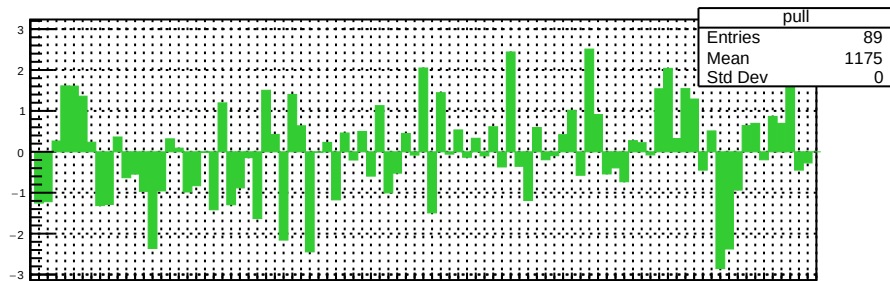
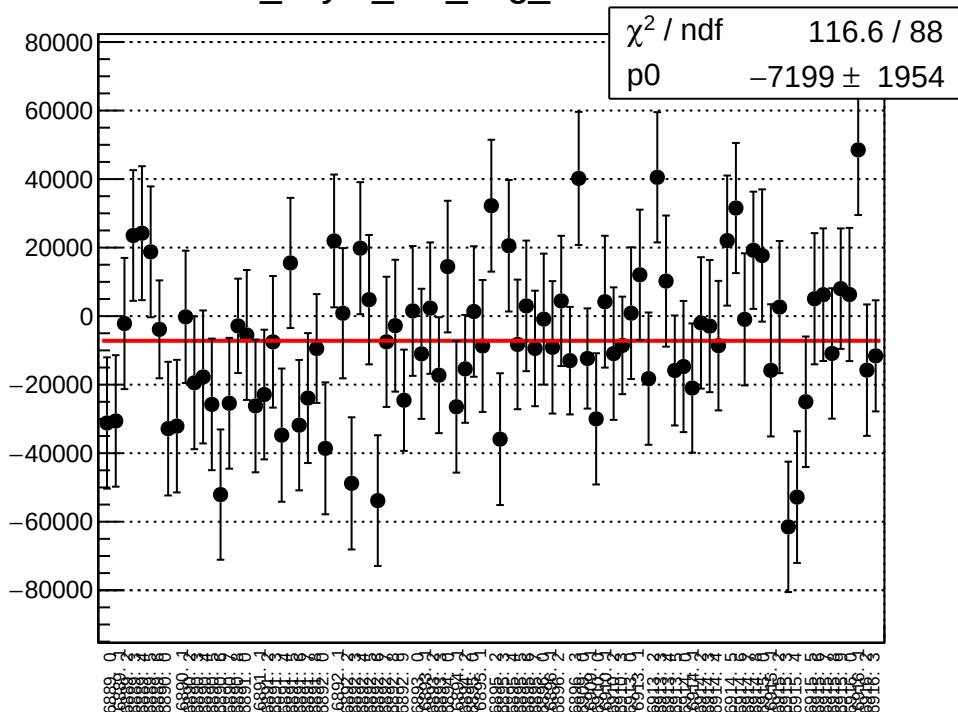
asym_at1_avg_eigen_cor_correction_mean vs run



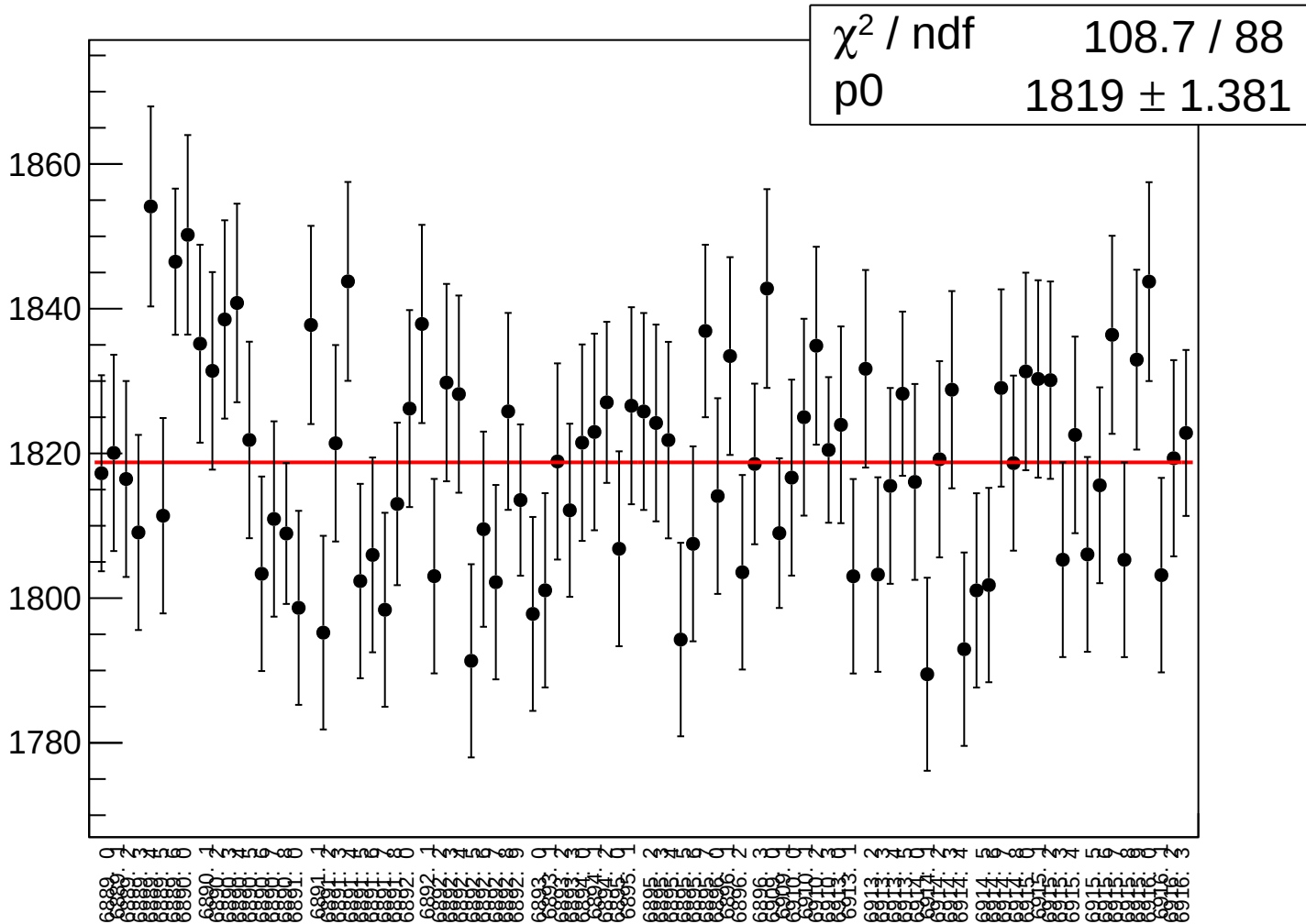
asym_at1_avg_eigen_cor_correction_rms vs run



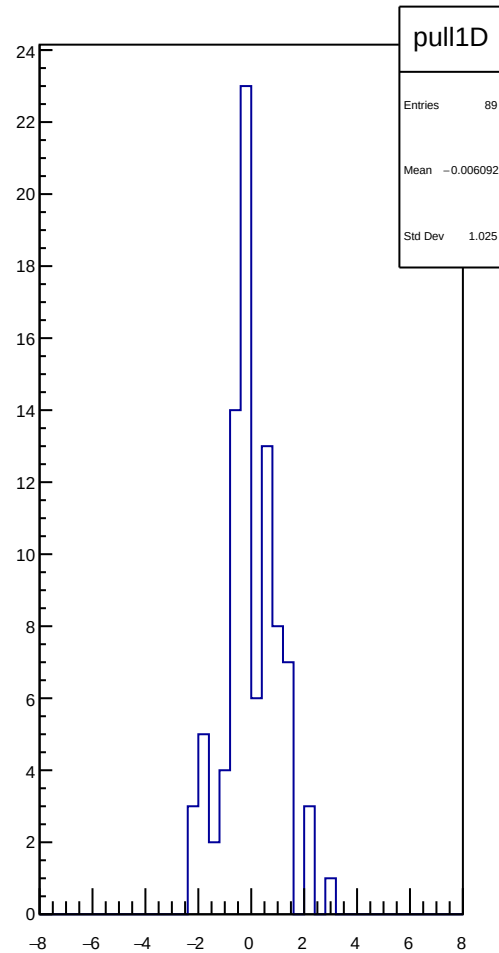
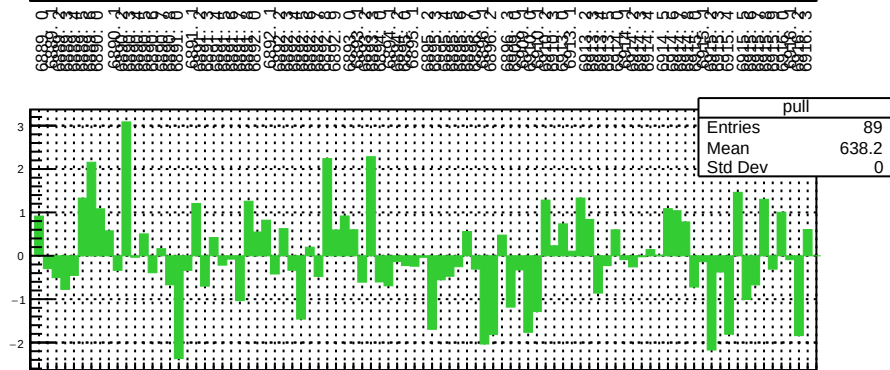
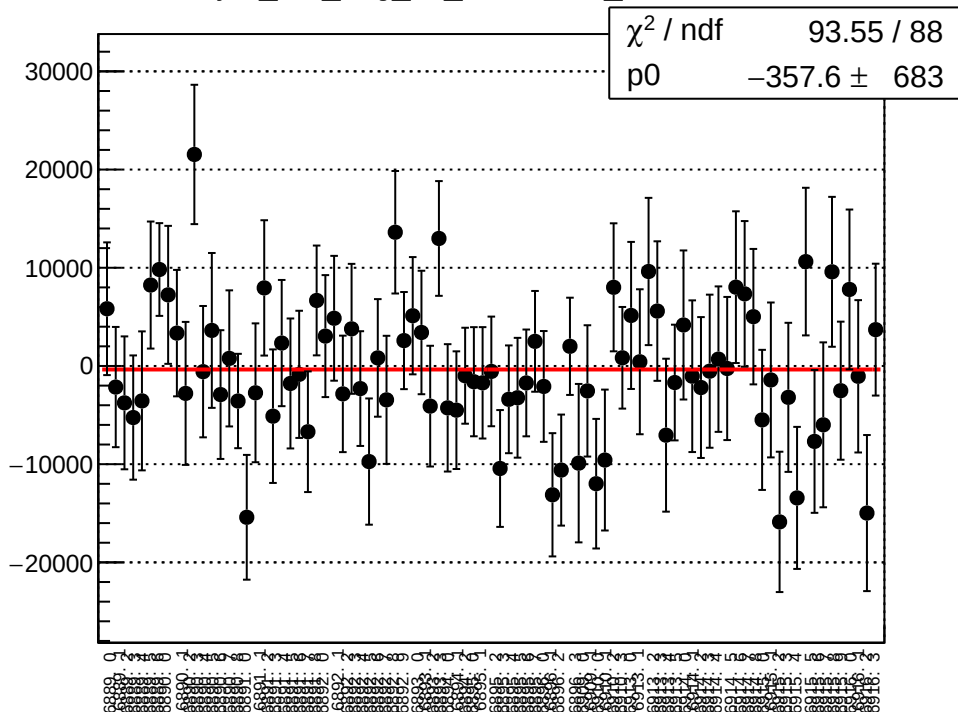
dit_asym_at1_avg_mean vs run



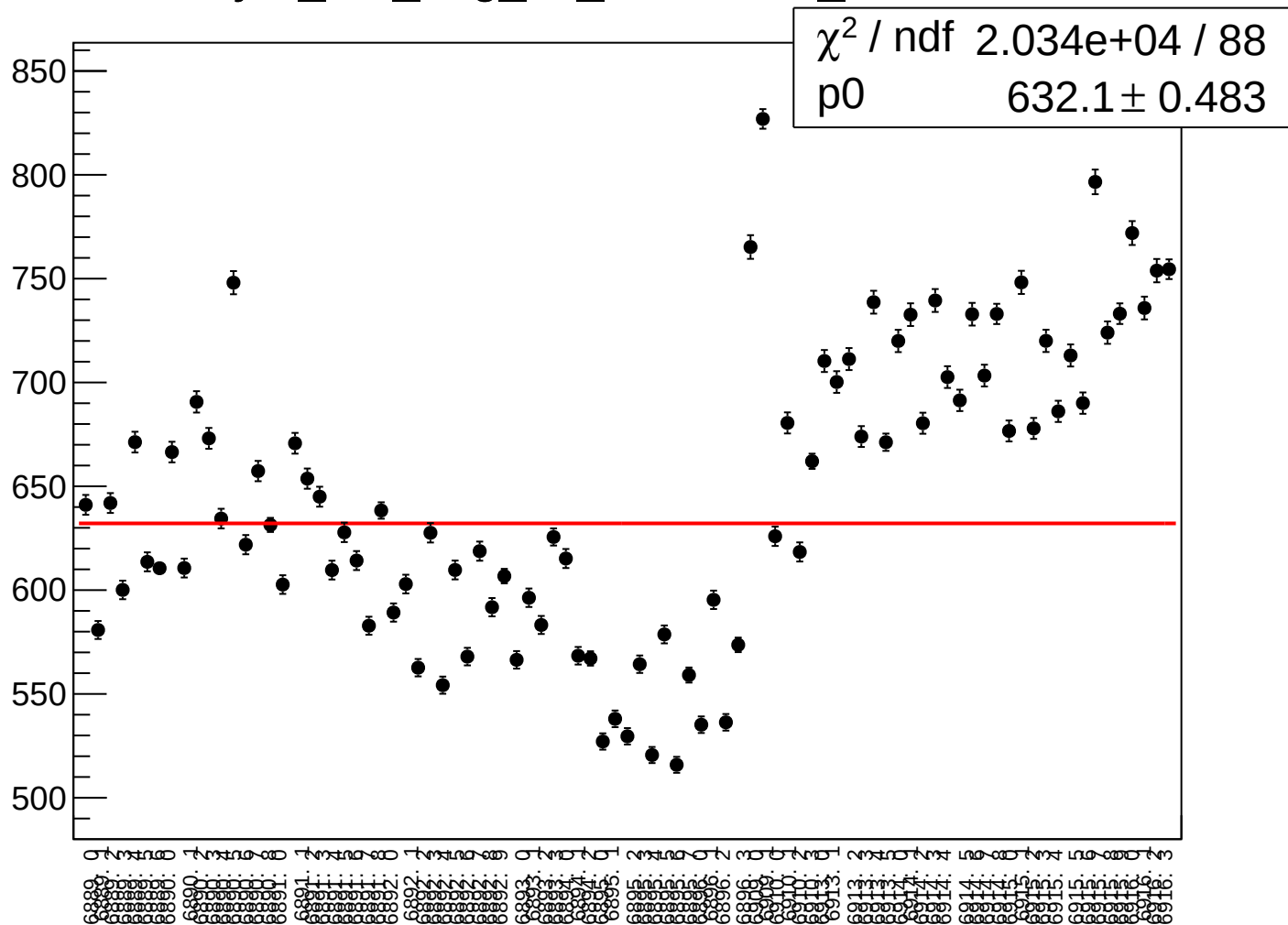
dit_asym_at1_avg_rms vs run



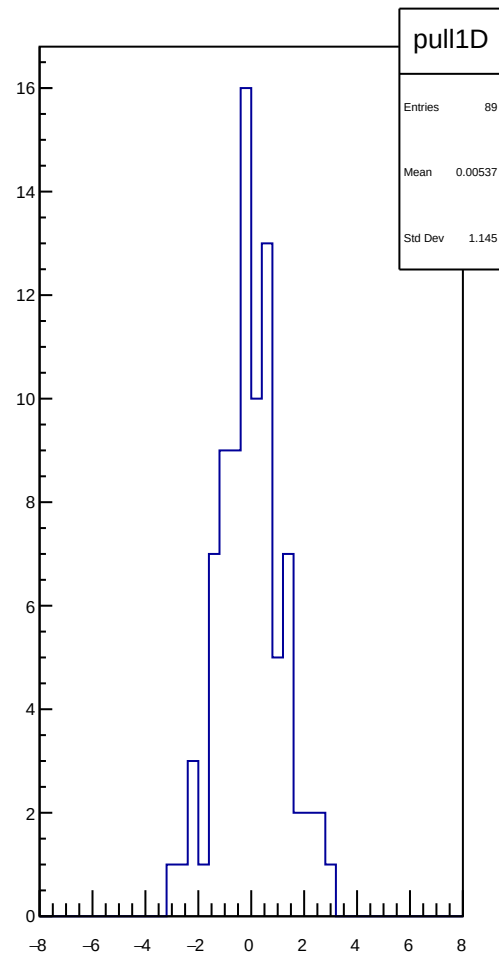
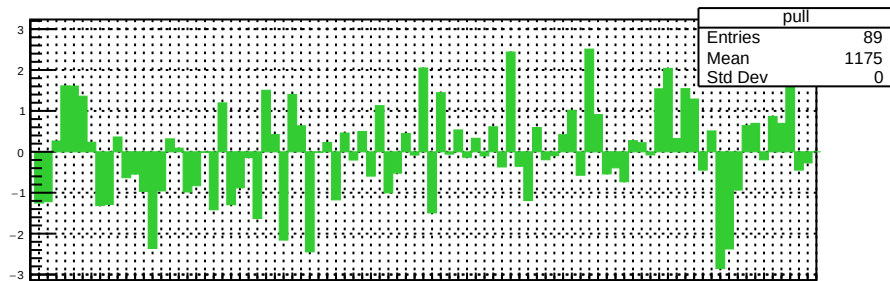
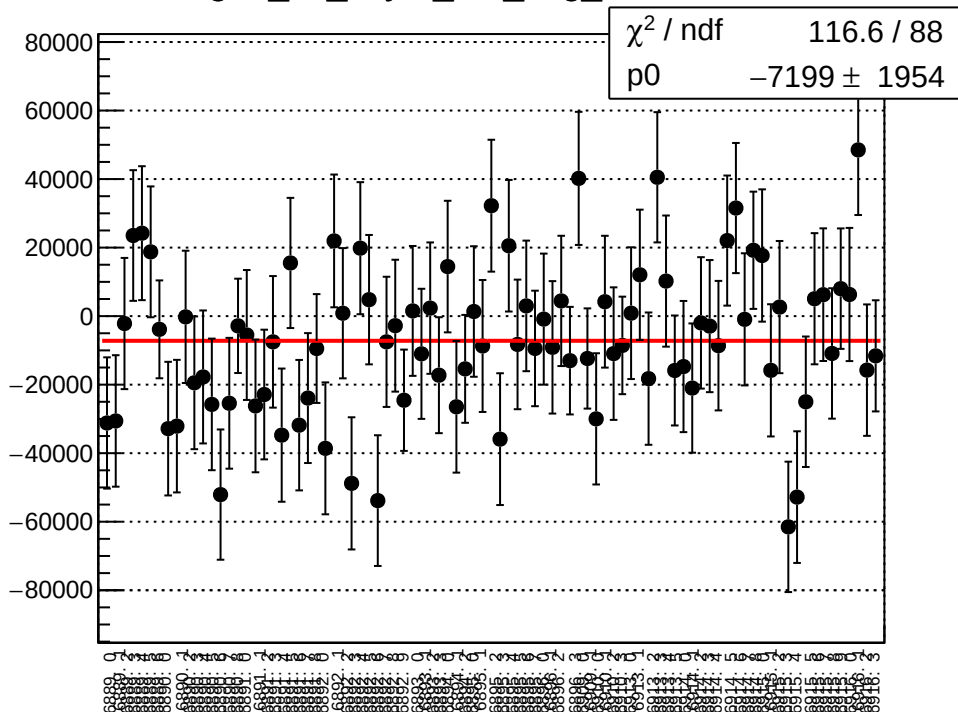
asym_at1_avg_dit_correction_mean vs run



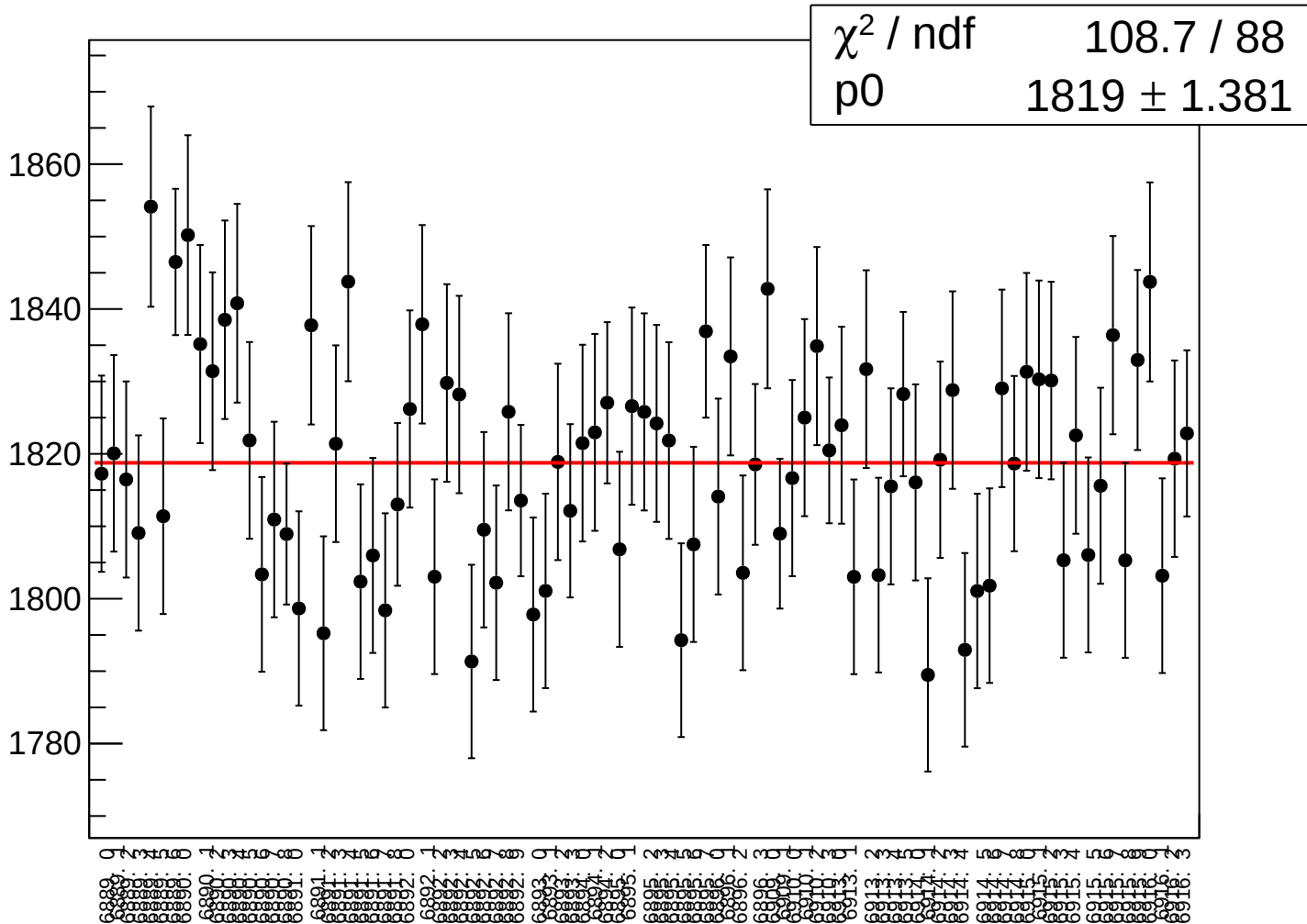
asym_at1_avg_dit_correction_rms vs run



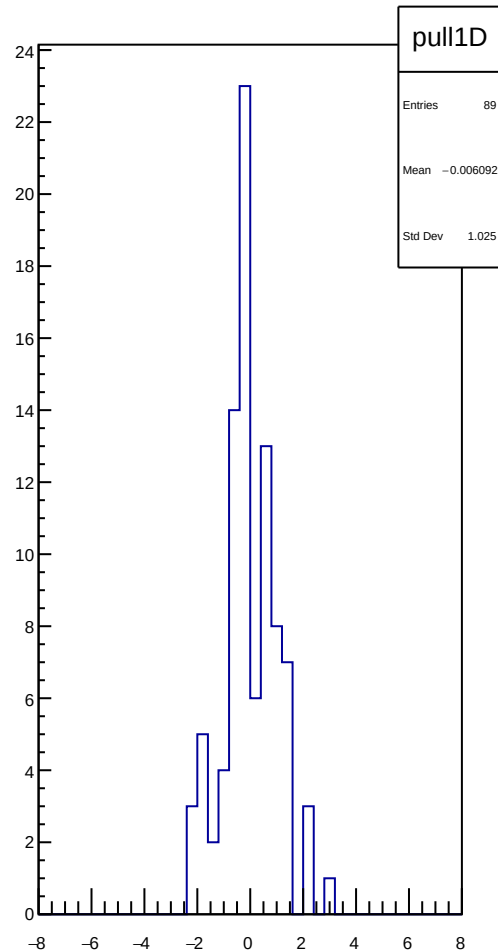
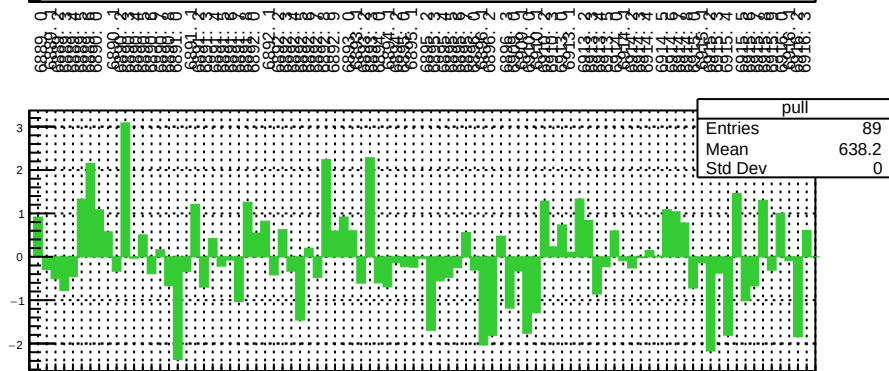
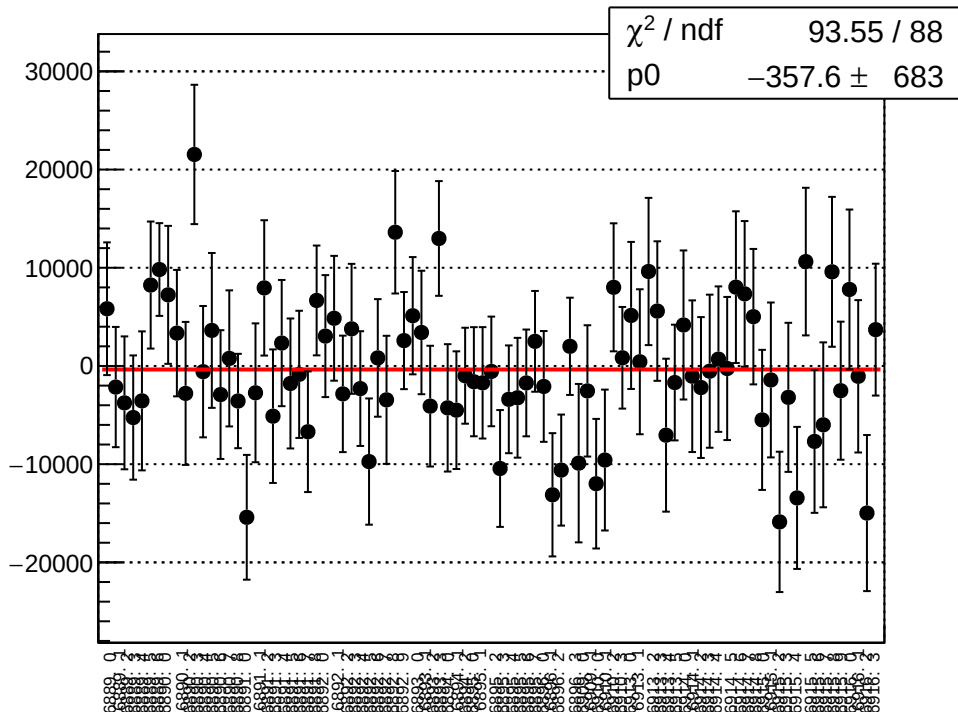
eigen_dit_asym_at1_avg_mean vs run



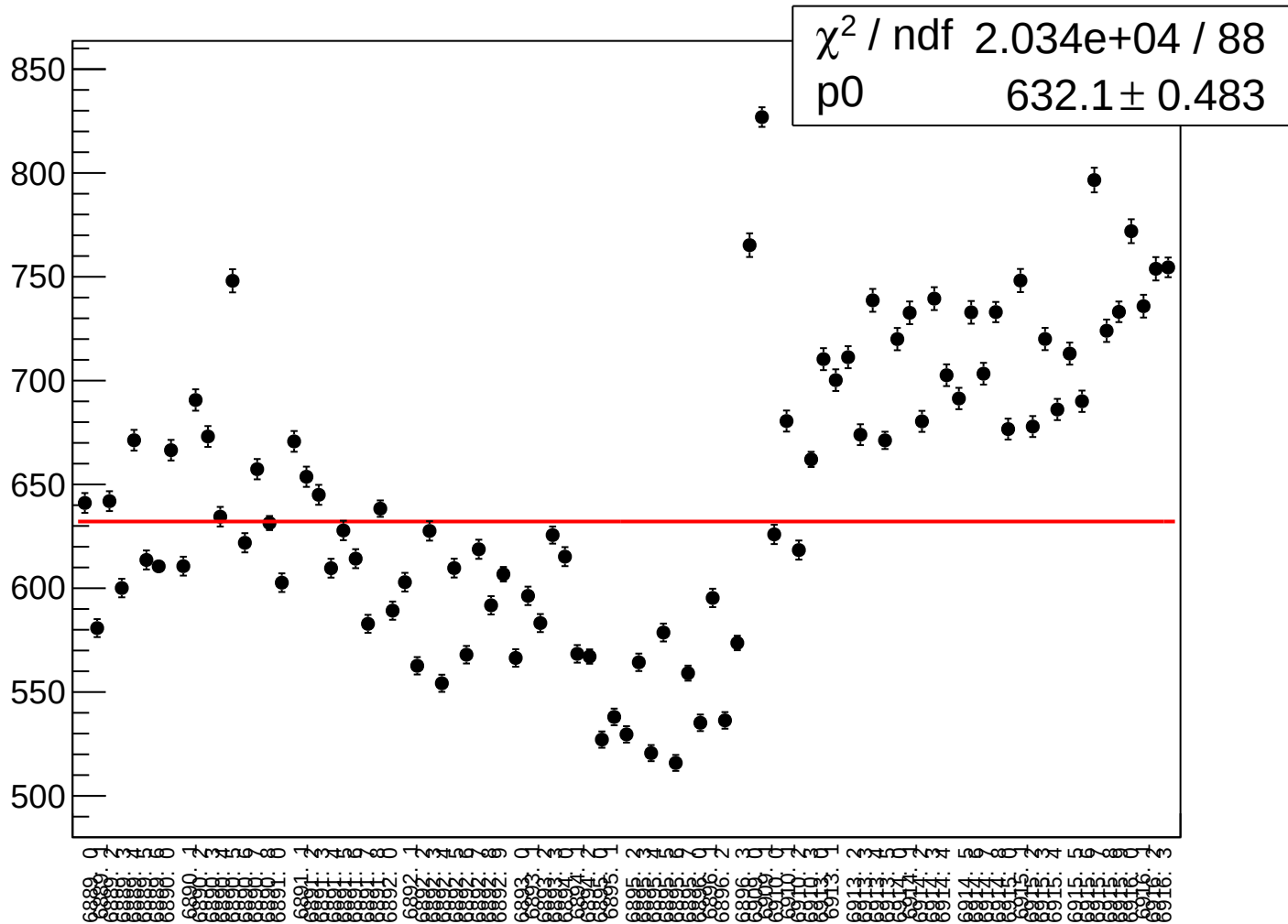
eigen_dit_asym_at1_avg_rms vs run



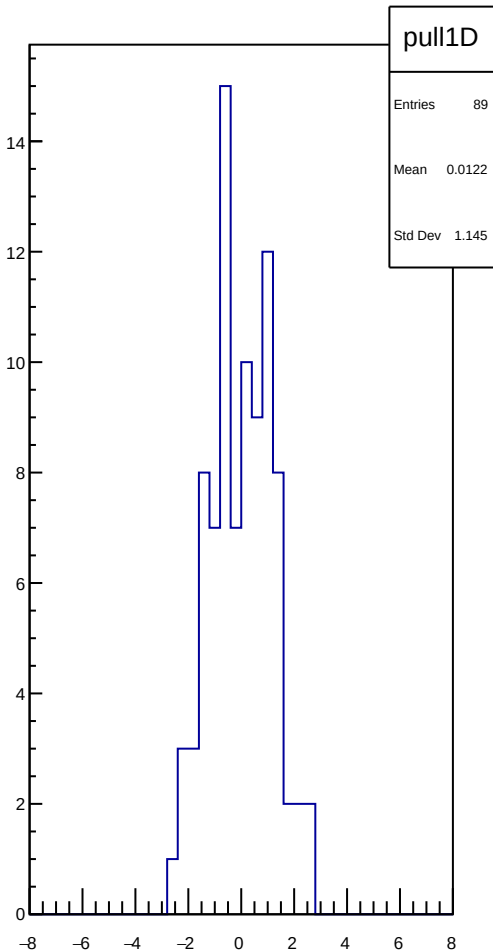
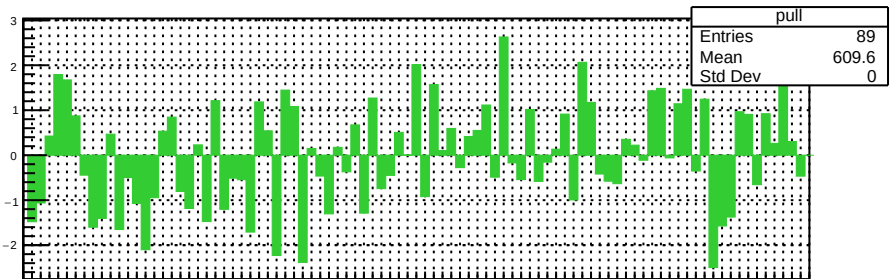
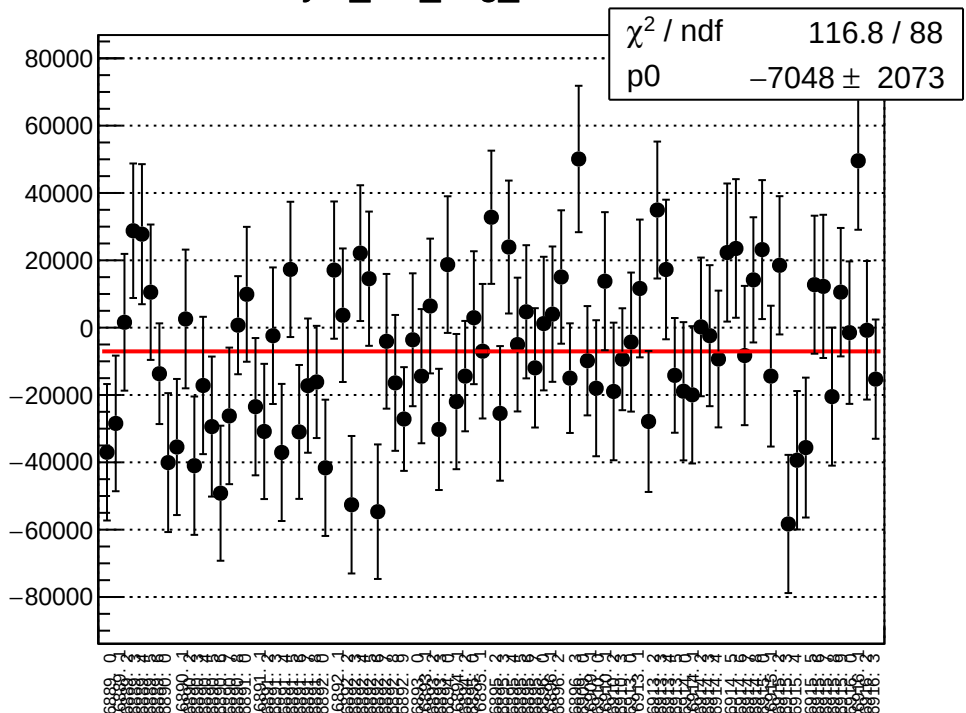
asym_at1_avg_eigen_dit_correction_mean vs run



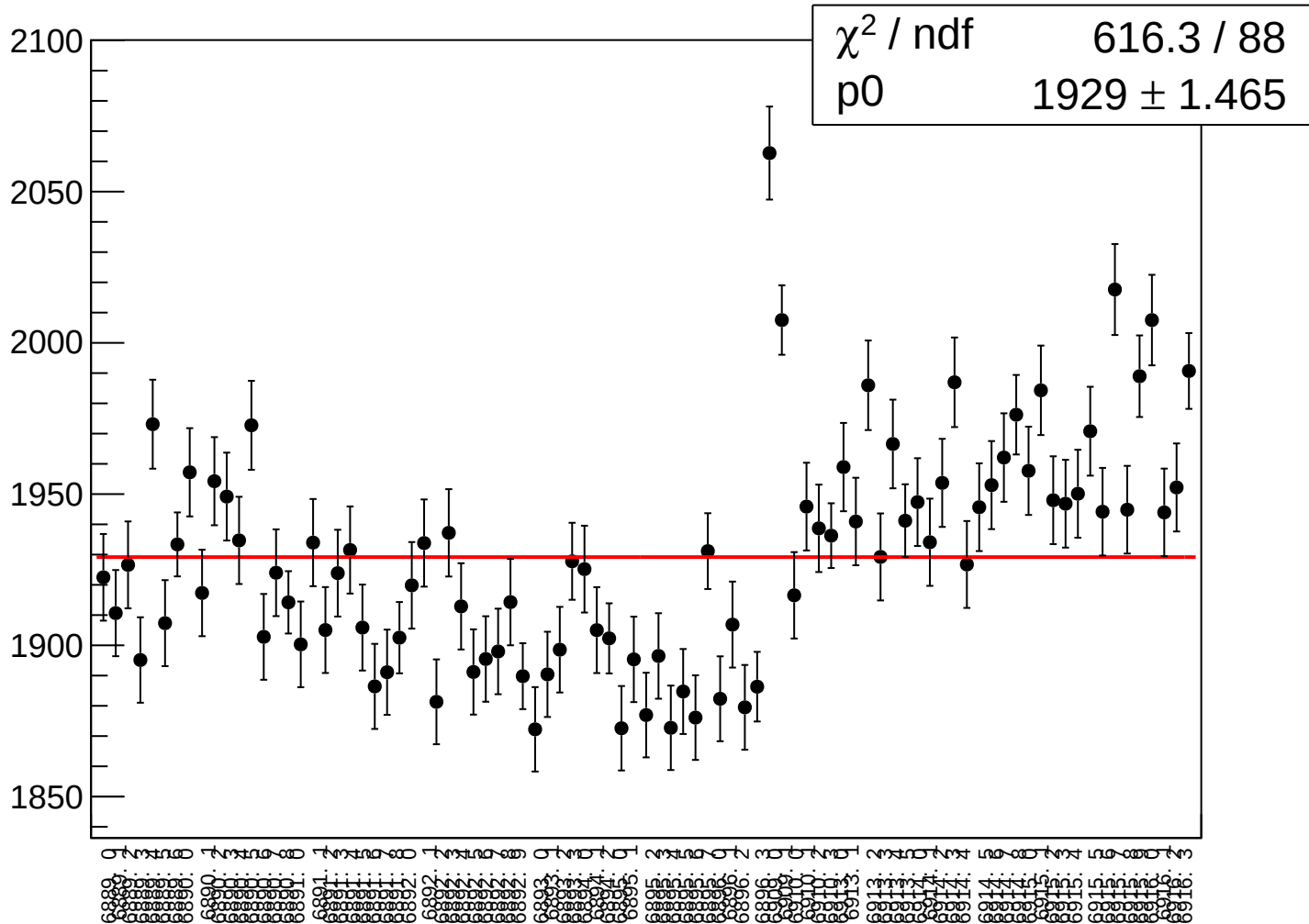
asym_at1_avg_eigen_dit_correction_rms vs run



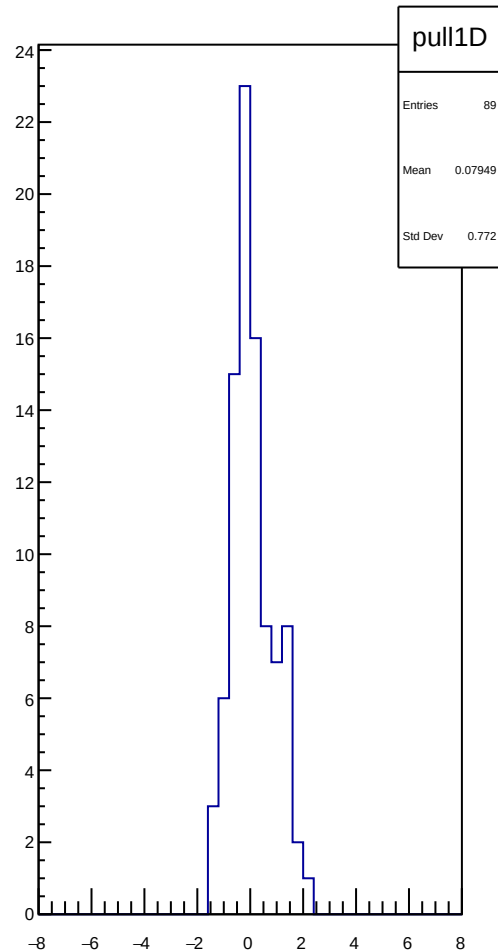
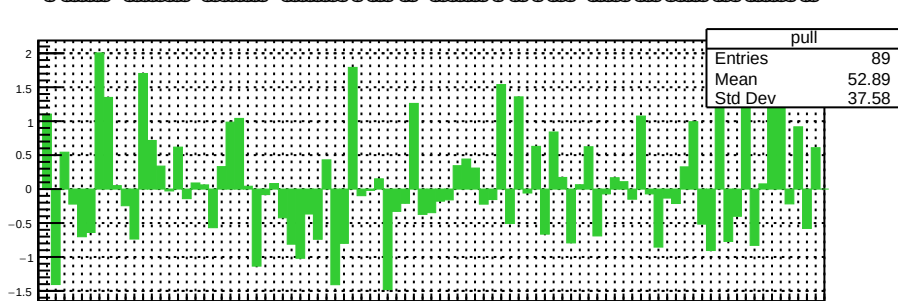
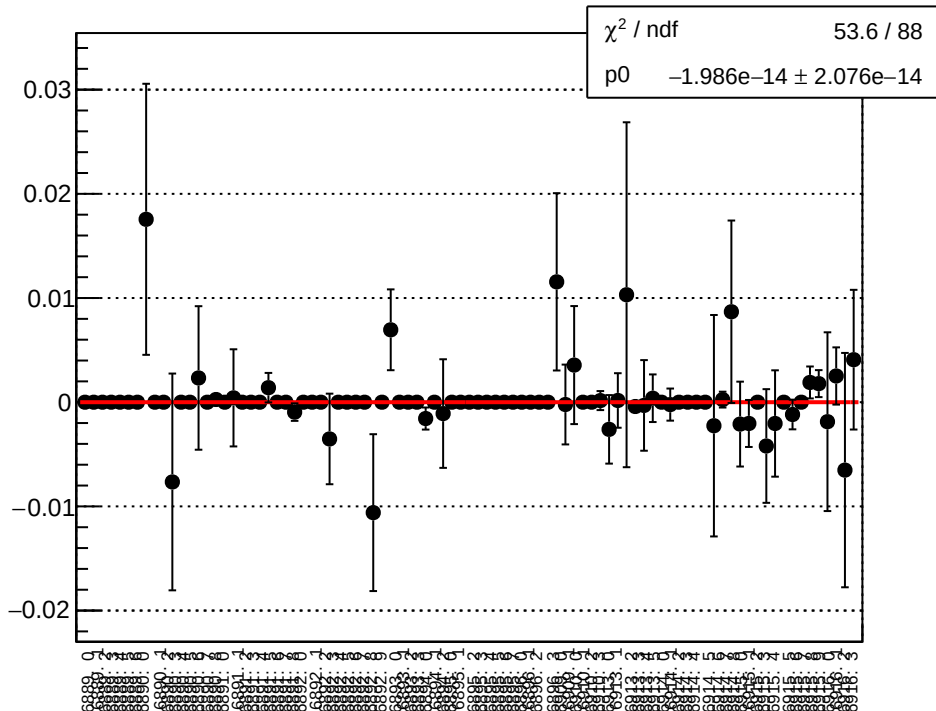
asym_at1_avg_mean vs run



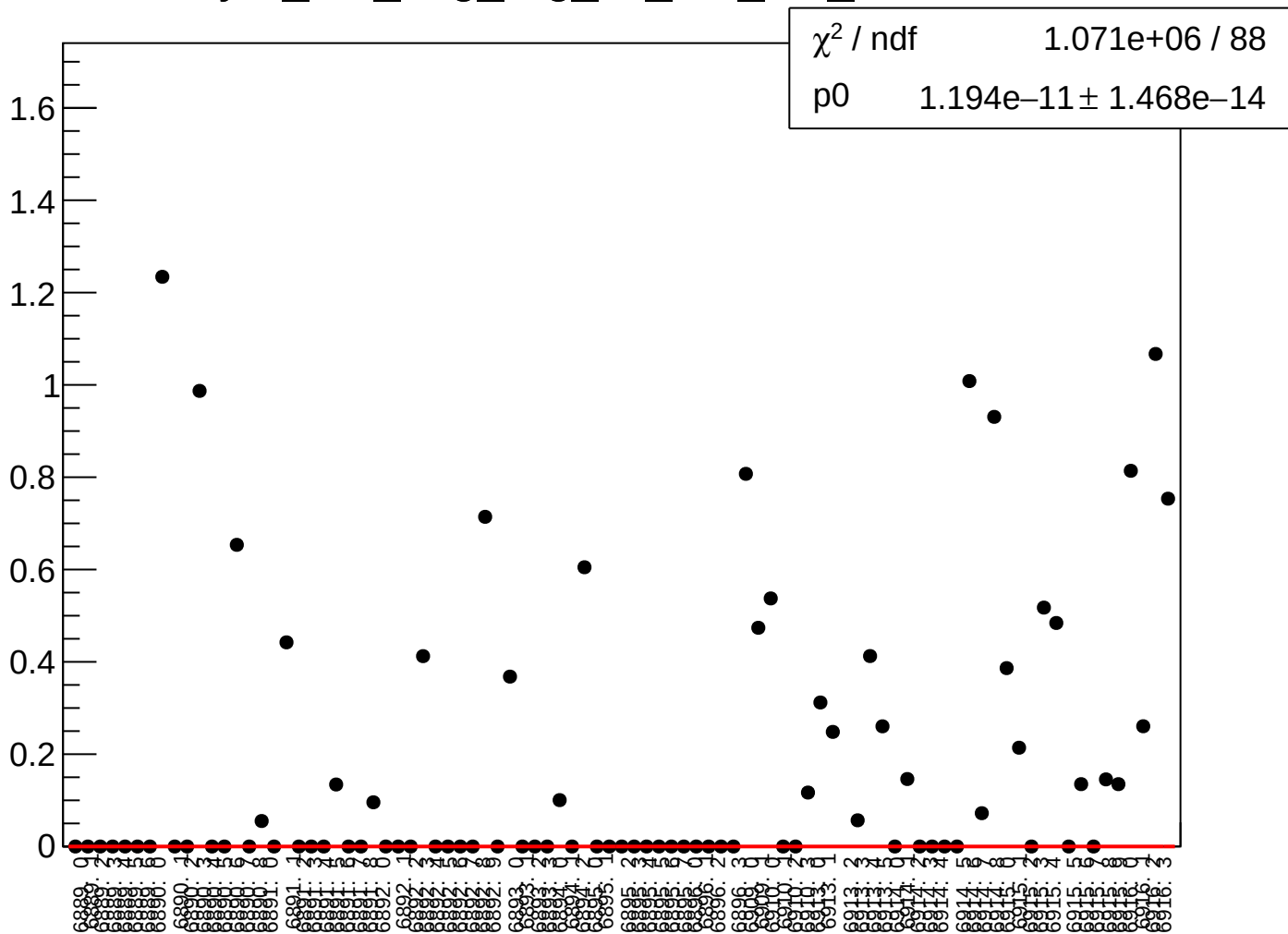
asym_at1_avg_rms vs run



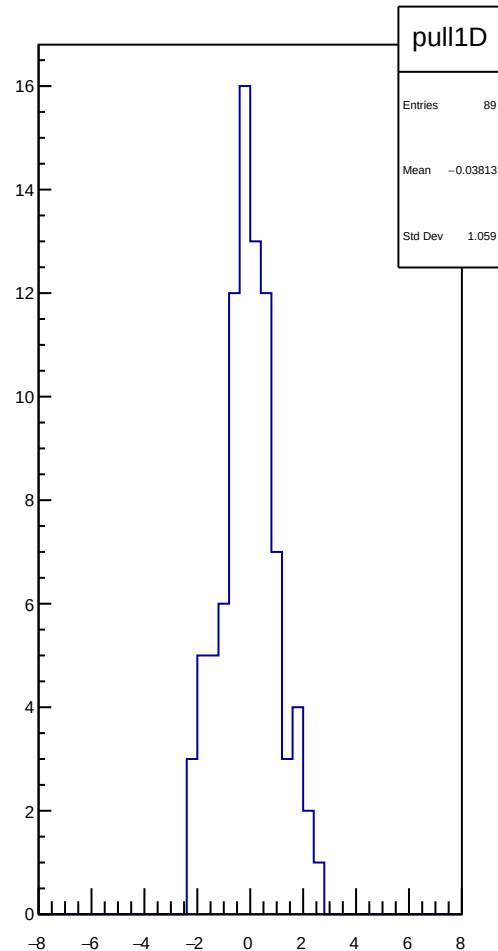
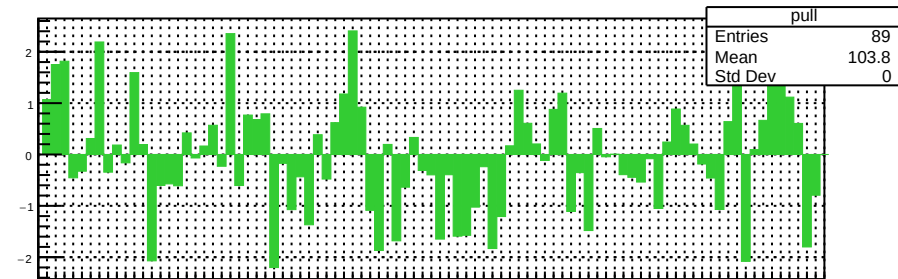
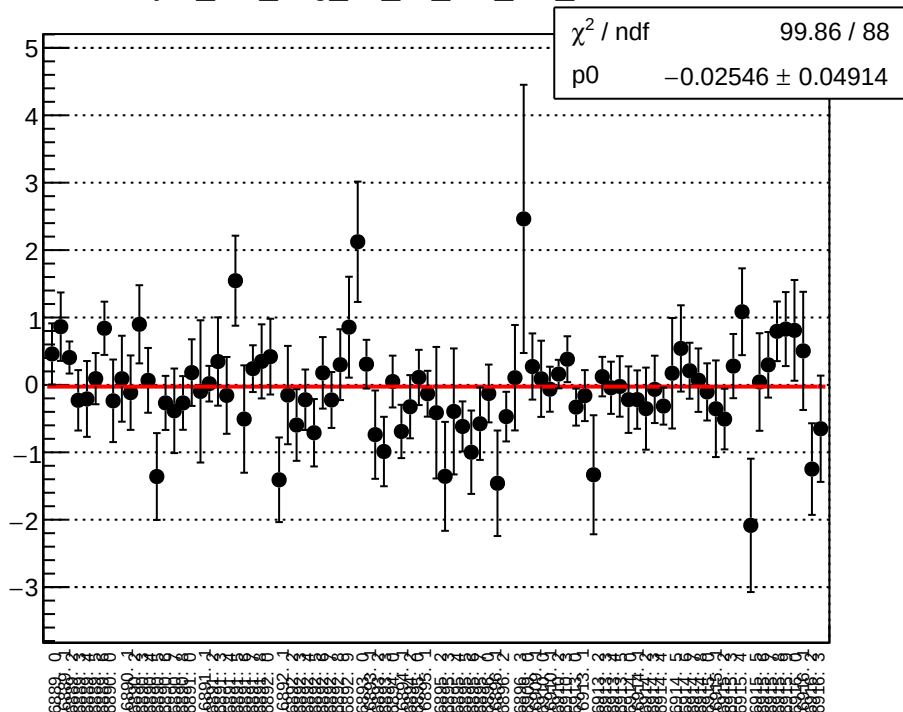
asym_at1_avg_reg_vs_cor_diff_mean vs run



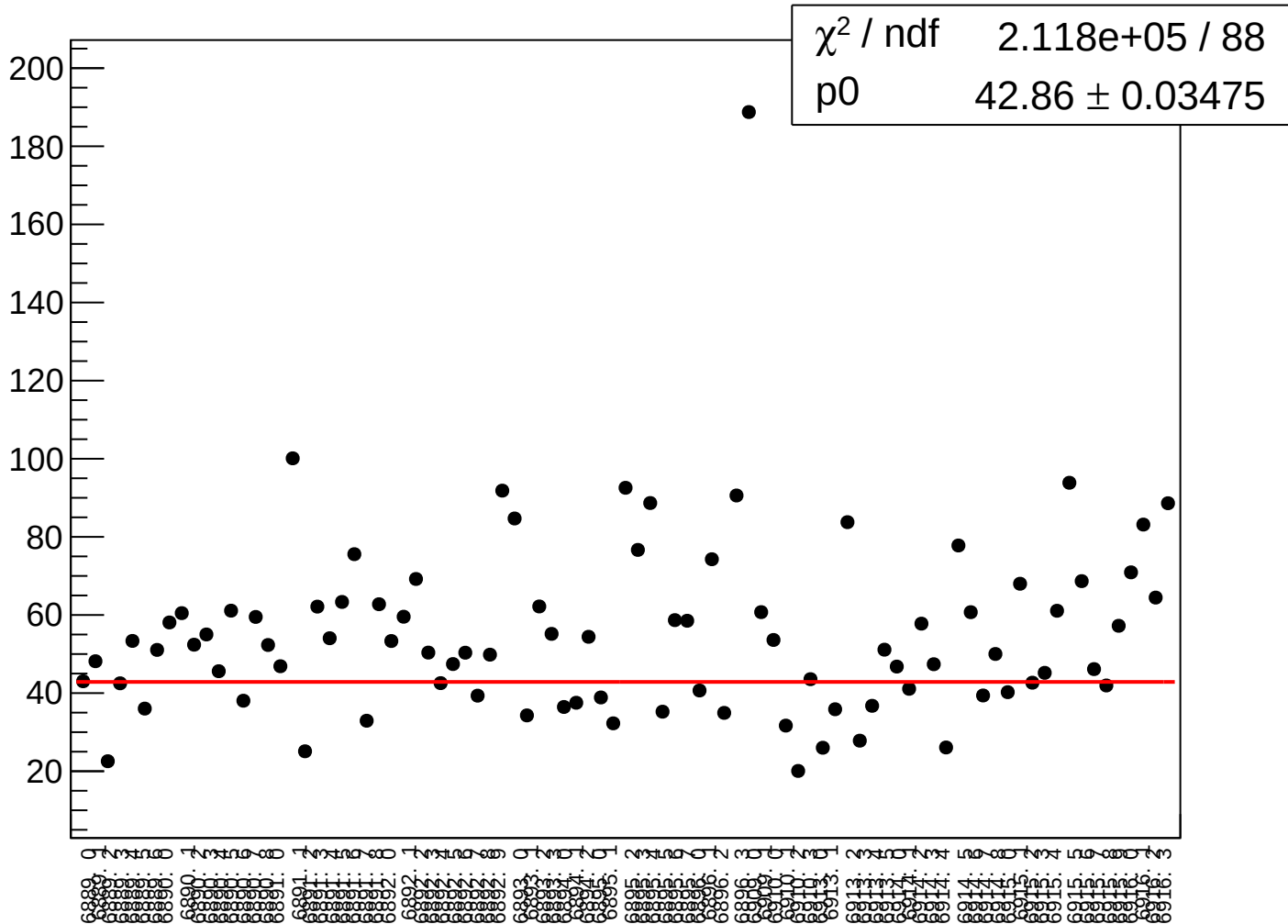
asym_at1_avg_reg_vs_cor_diff_rms vs run



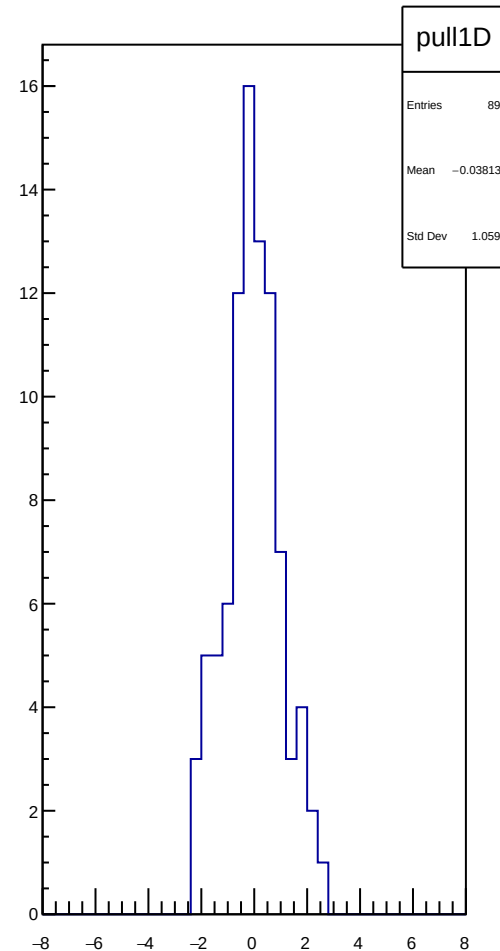
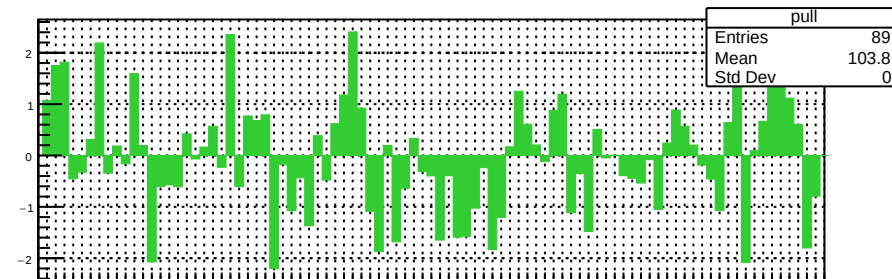
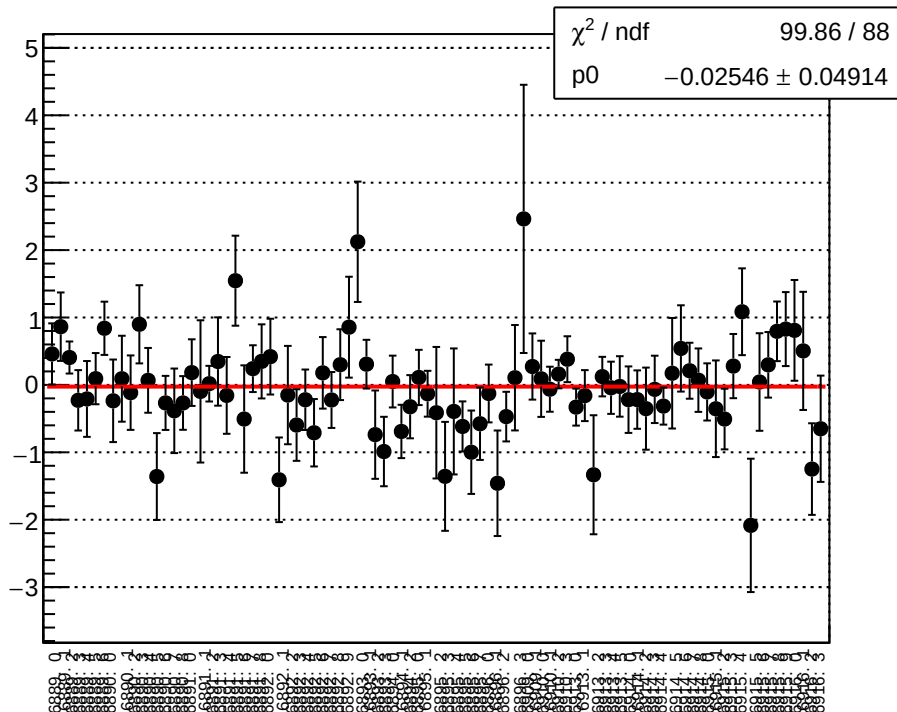
asym_at1_avg_dit_vs_cor_diff_mean vs run



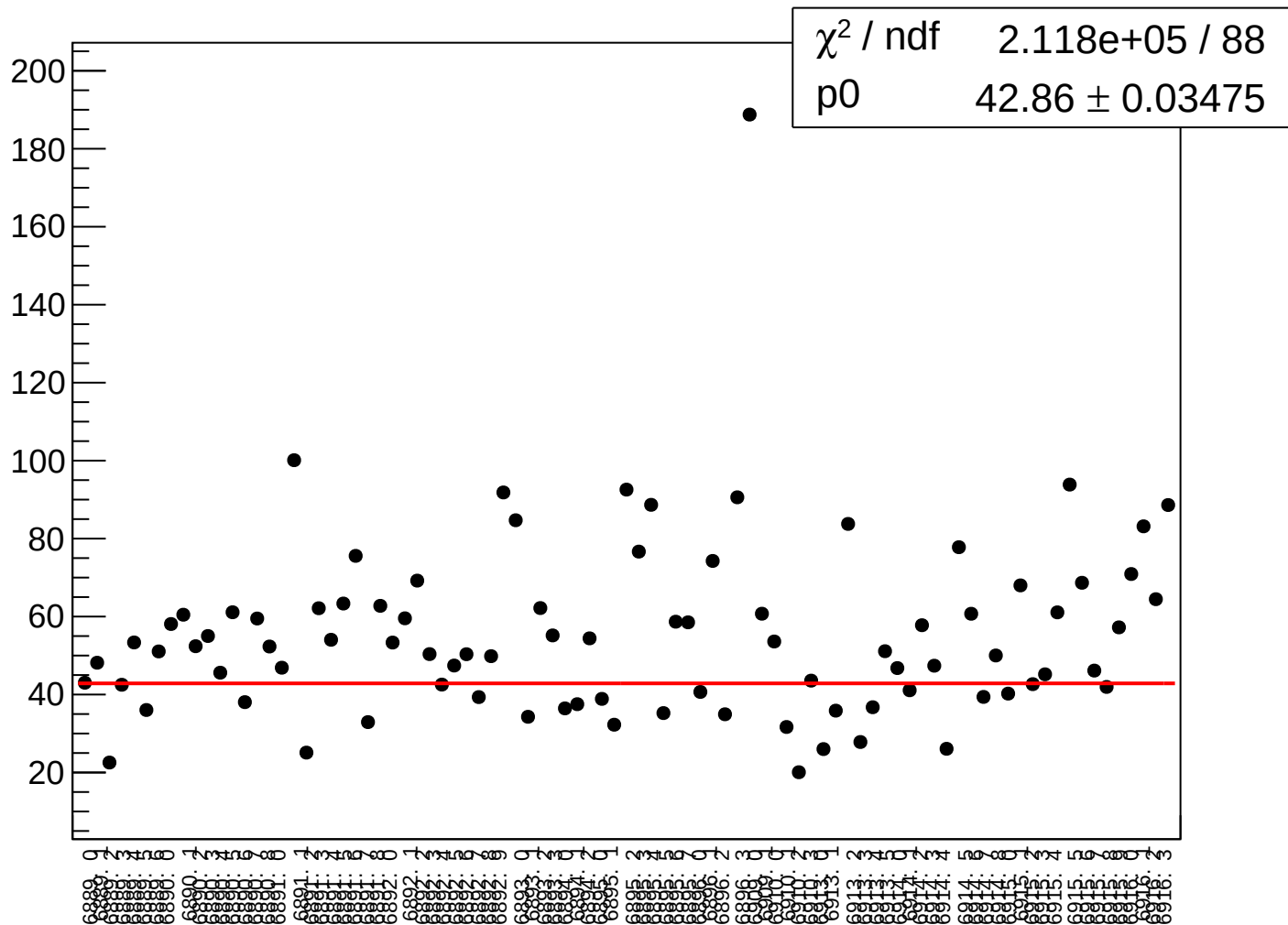
asym_at1_avg_dit_vs_cor_diff_rms vs run



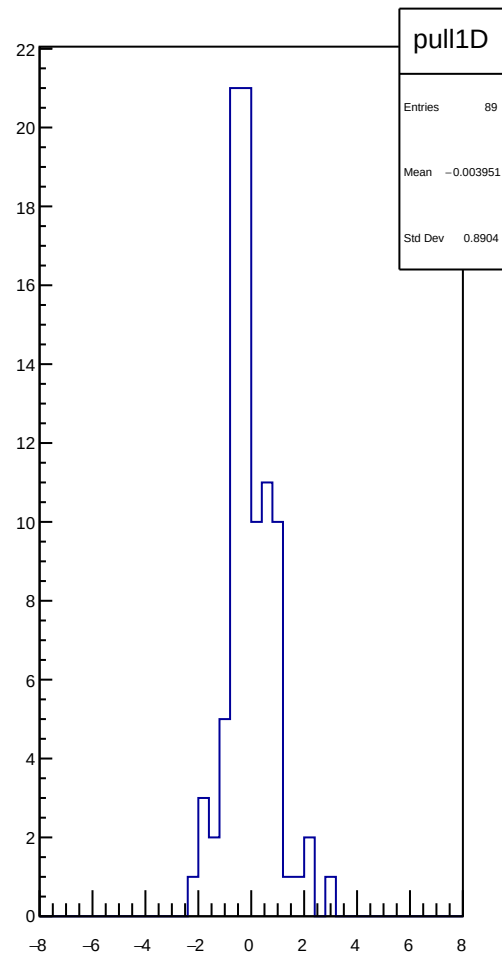
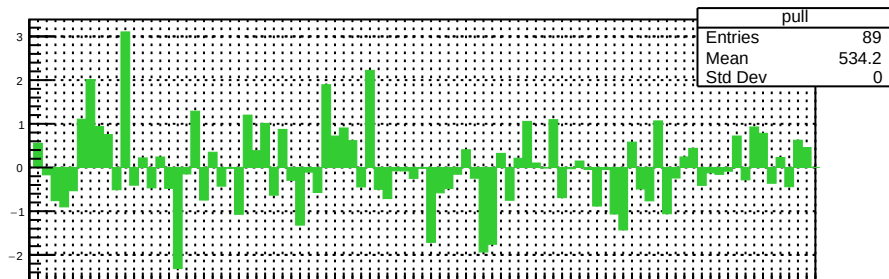
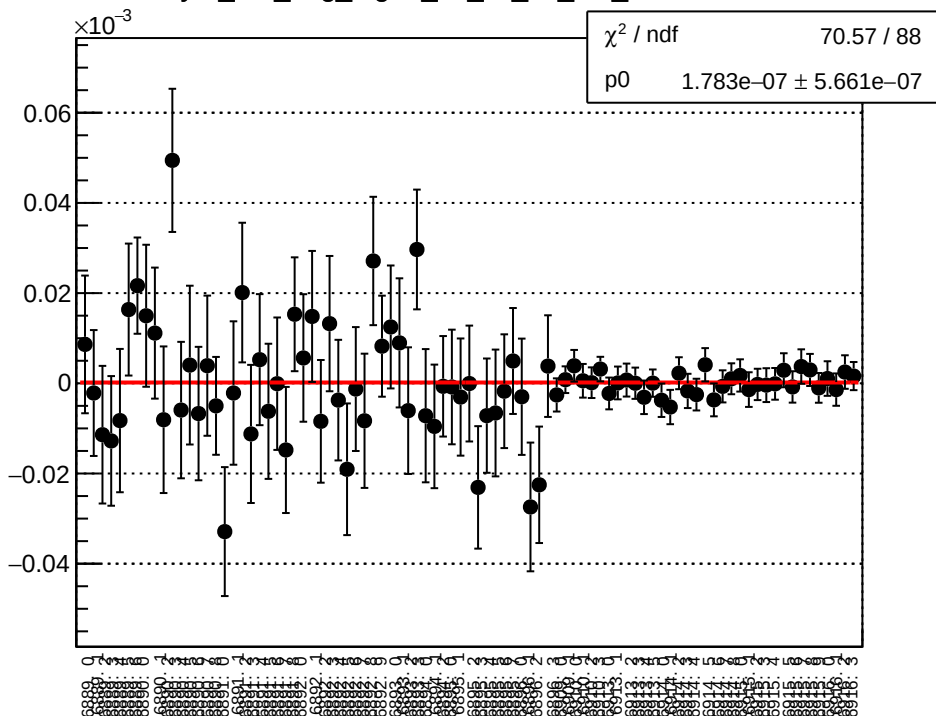
asym_at1_avg_dit_vs_eigen_cor_diff_mean vs run



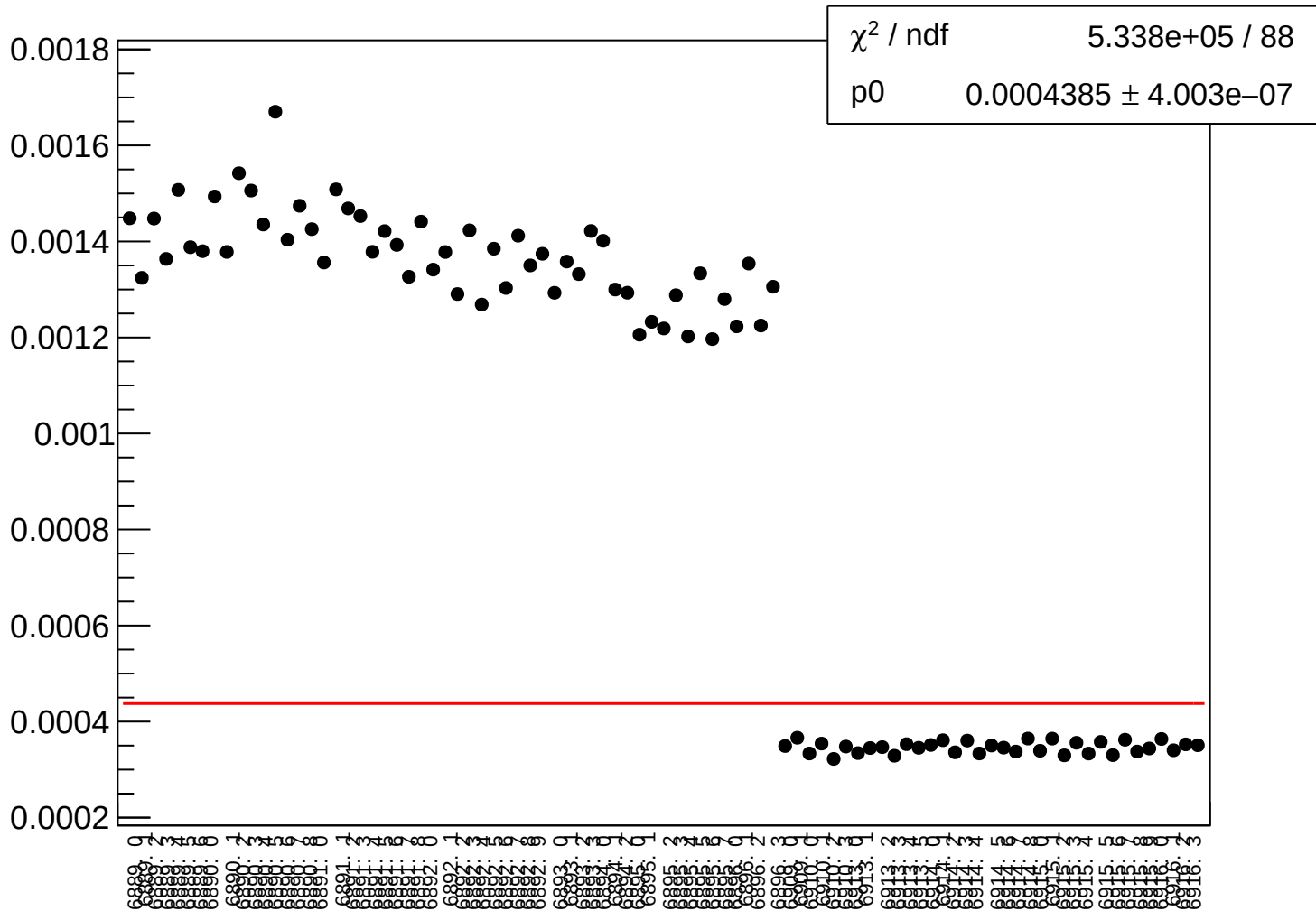
asym_at1_avg_dit_vs_eigen_cor_diff_rms vs run



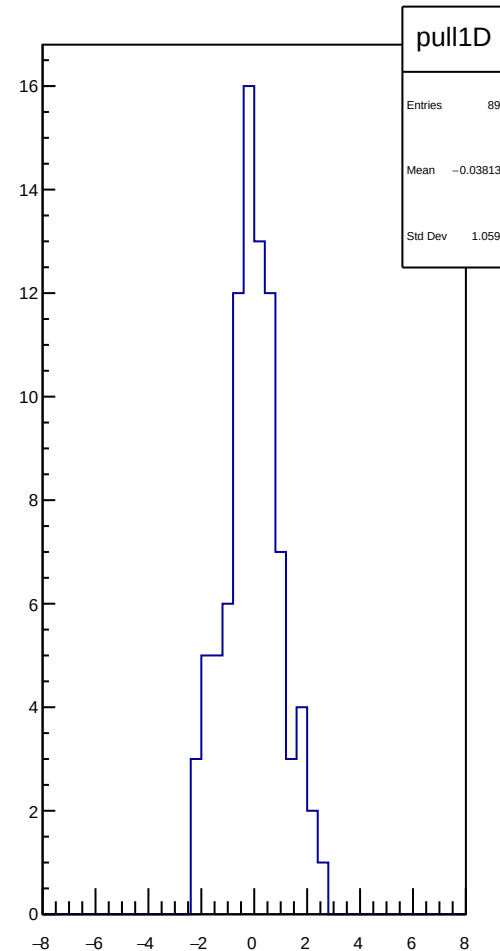
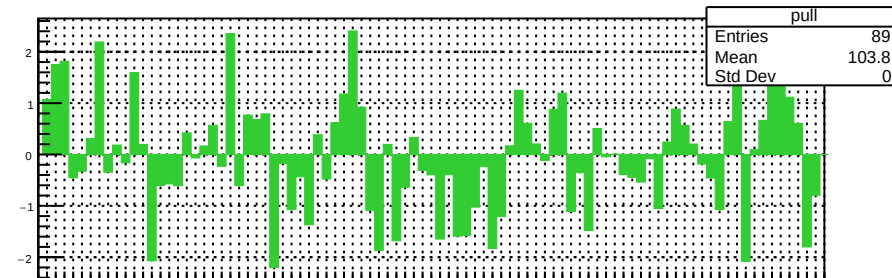
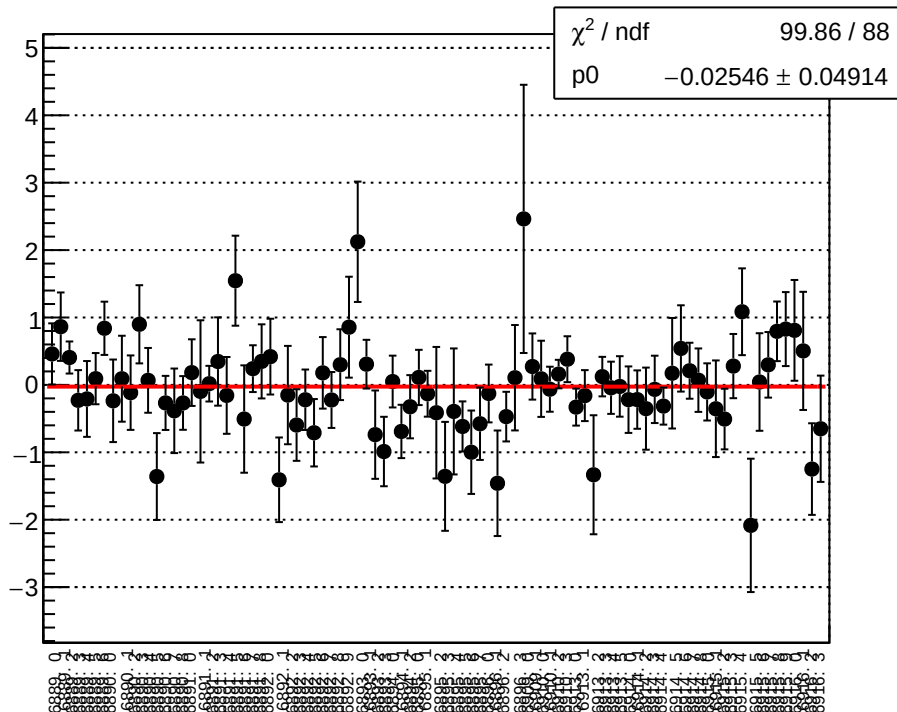
asym at1 avg eigen dit vs dit diff mean vs run



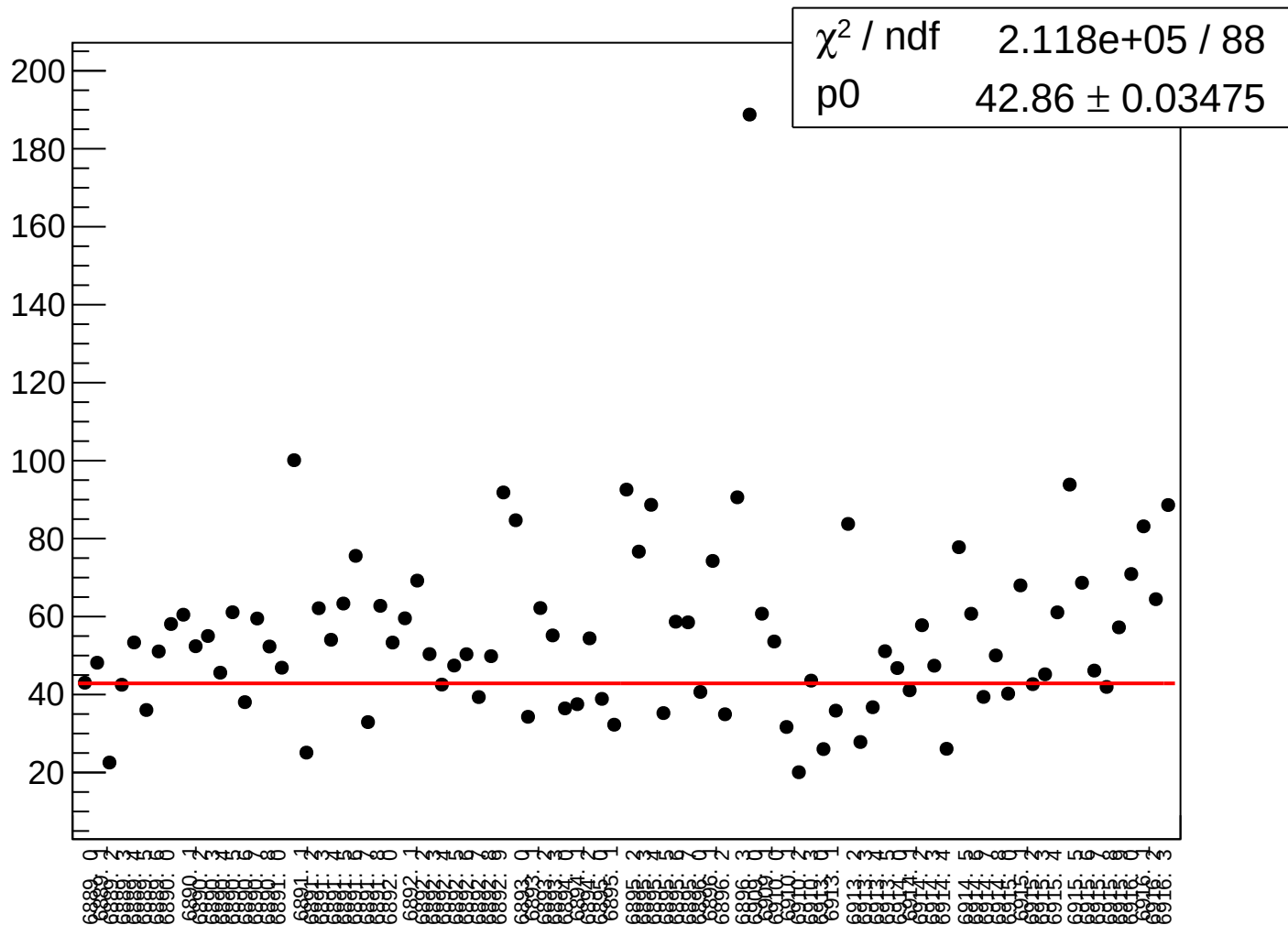
asym_at1_avg_eigen_dit_vs_dit_diff_rms vs run



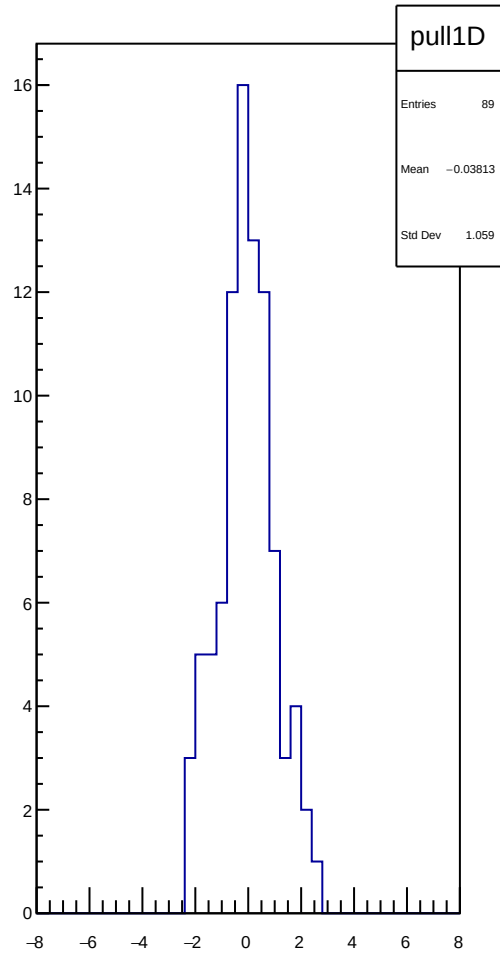
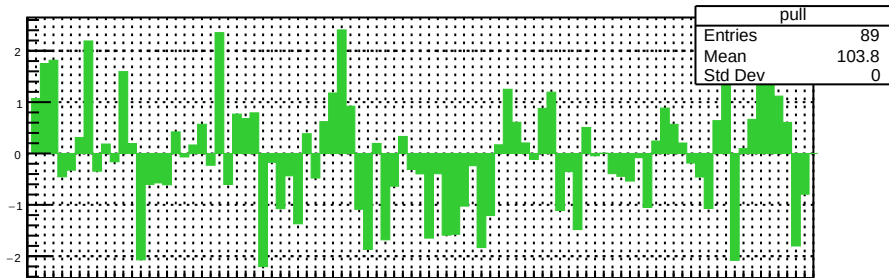
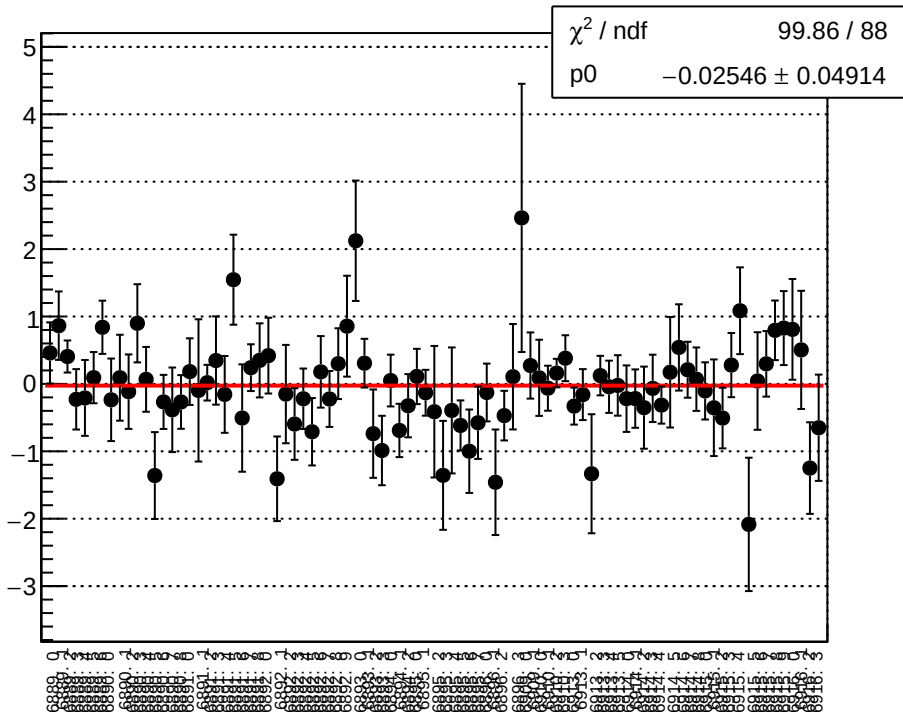
asym_at1_avg_eigen_dit_vs_cor_diff_mean vs run



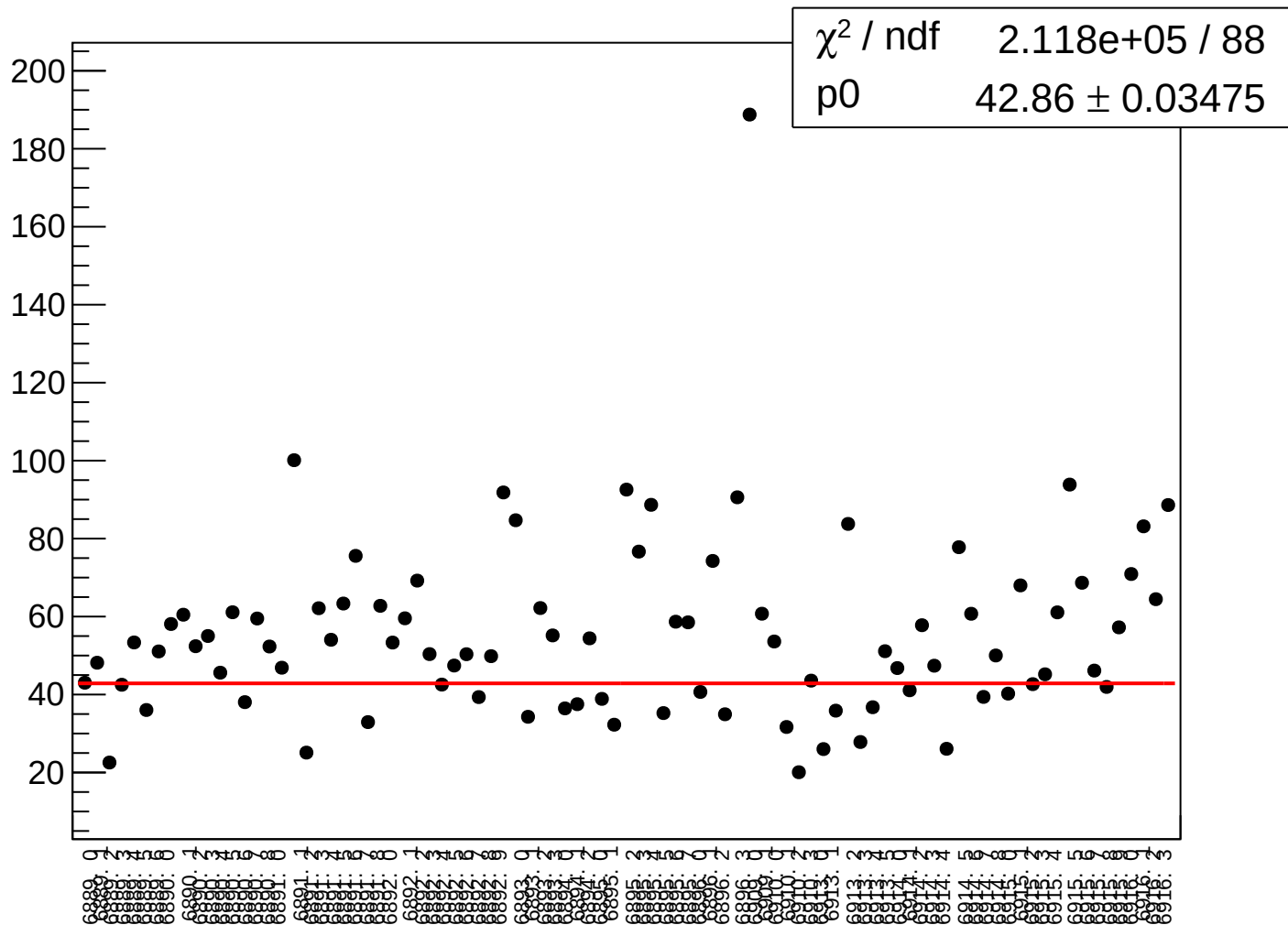
asym_at1_avg_eigen_dit_vs_cor_diff_rms vs run



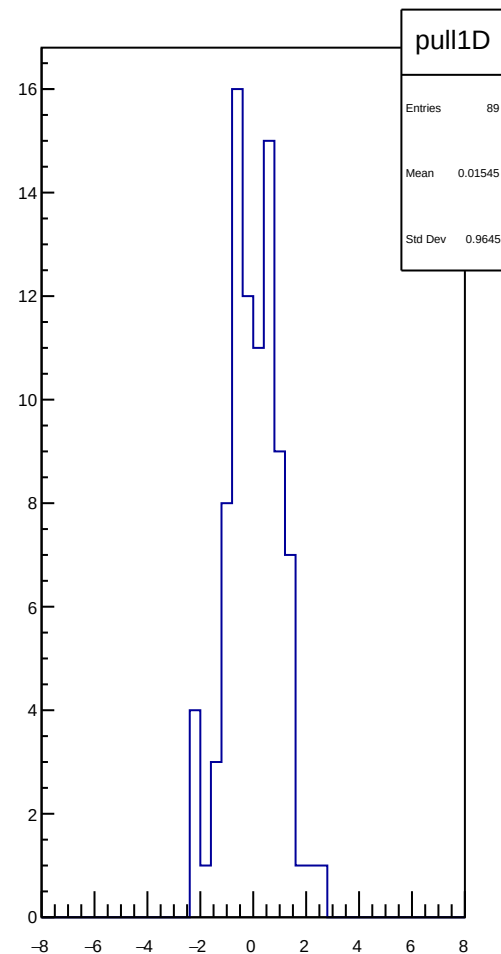
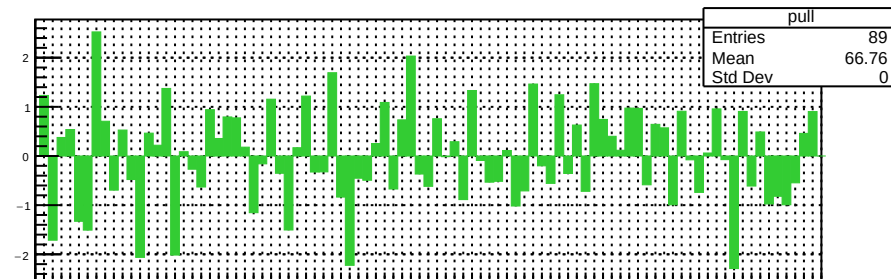
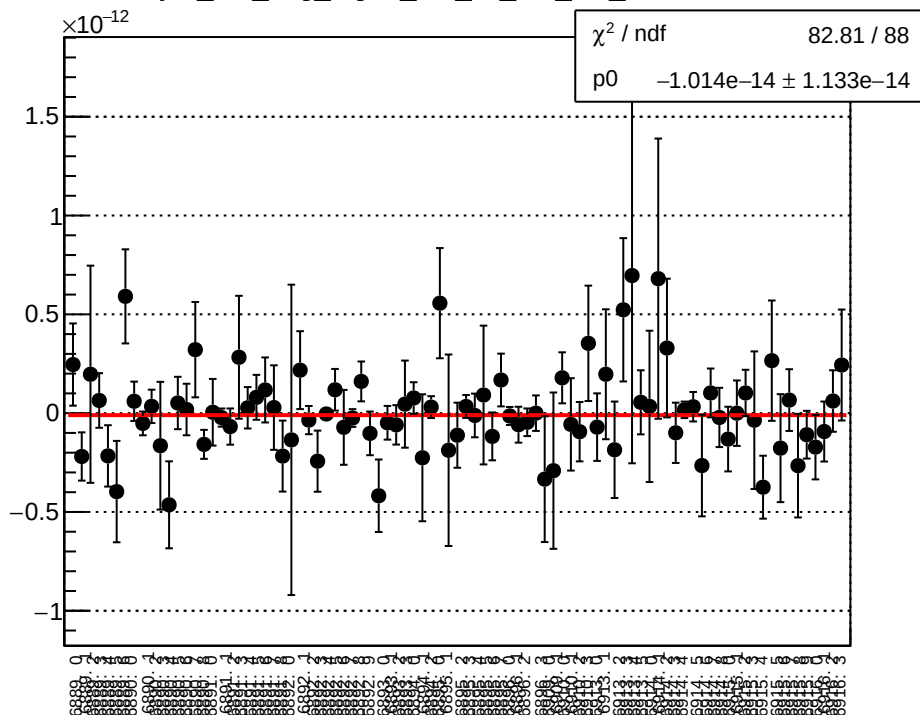
asym at1 avg eigen dit vs eigen cor diff mean vs run



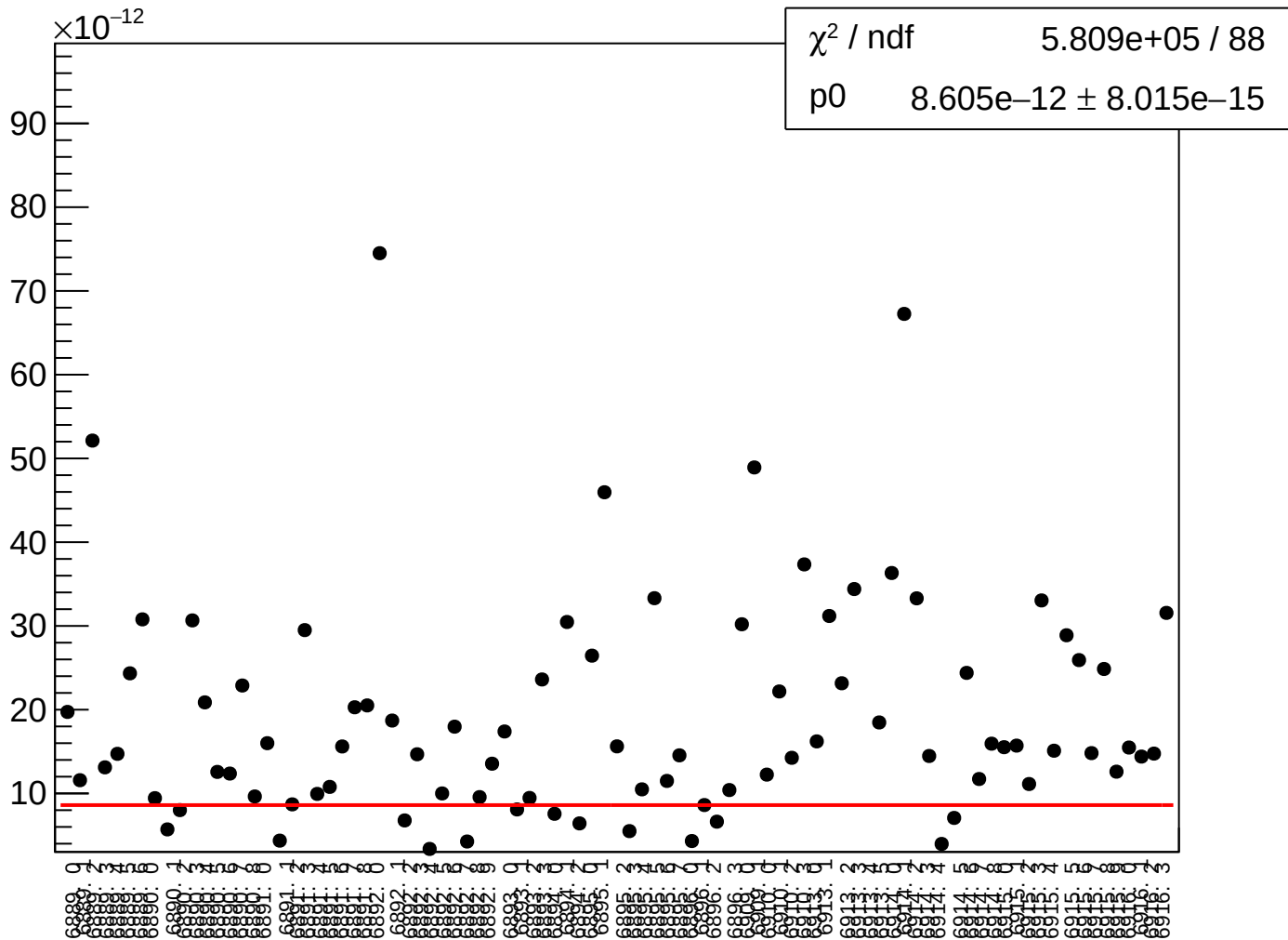
asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



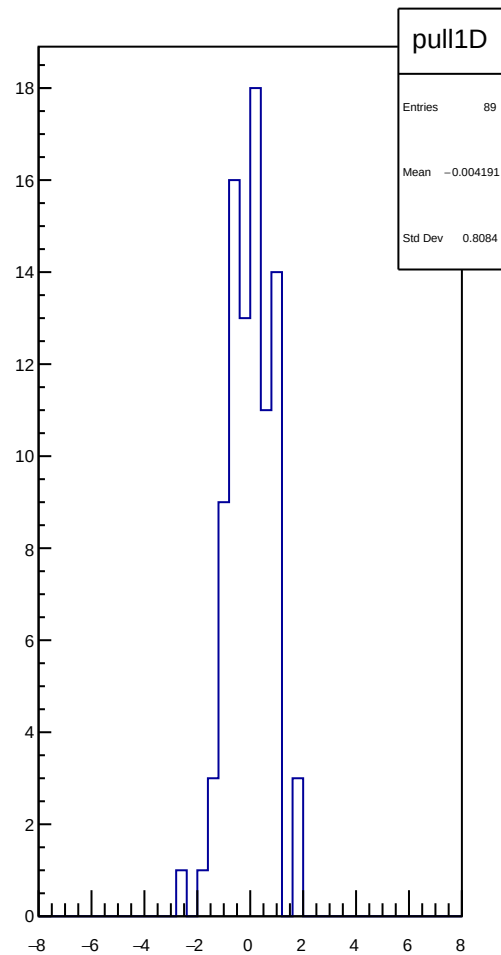
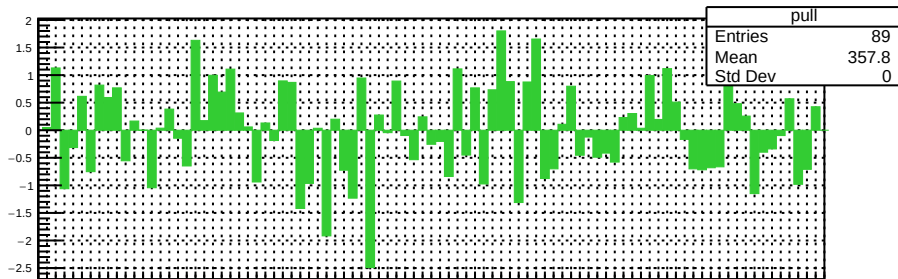
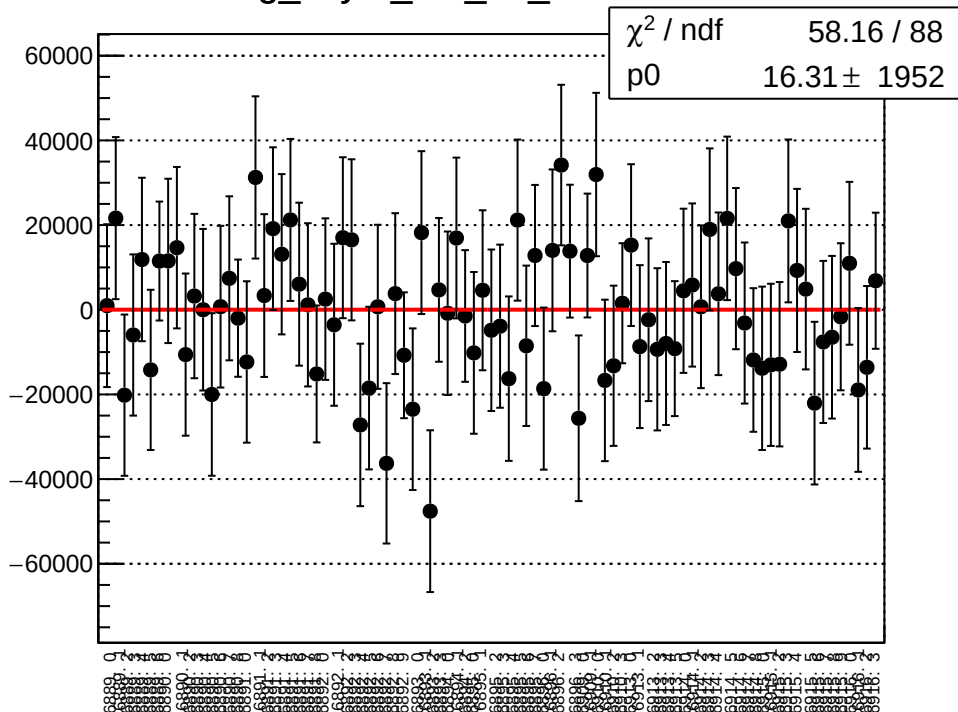
asym_at1_avg_eigen_cor_vs_cor_diff_mean vs run



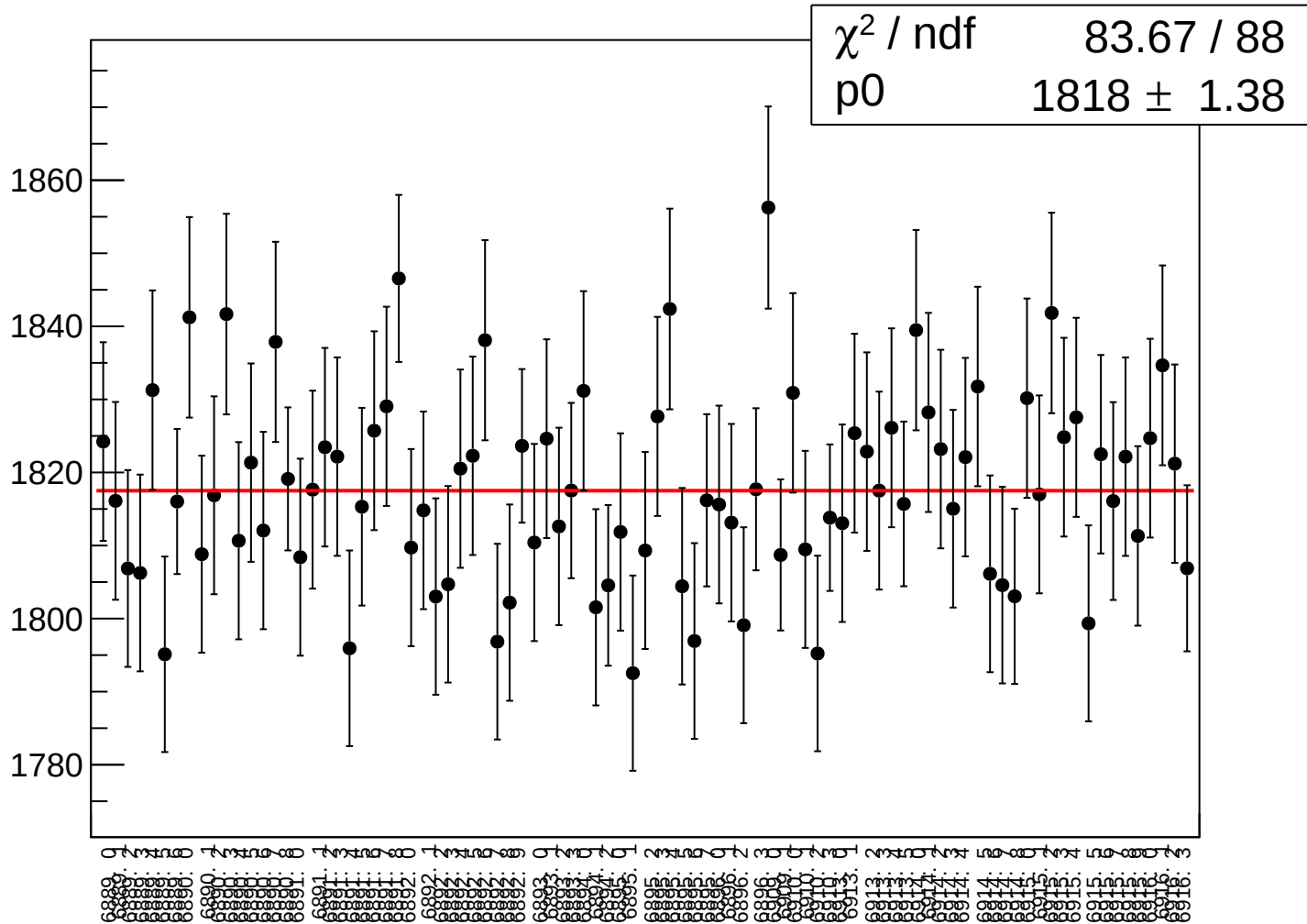
asym_at1_avg_eigen_cor_vs_cor_diff_rms vs run



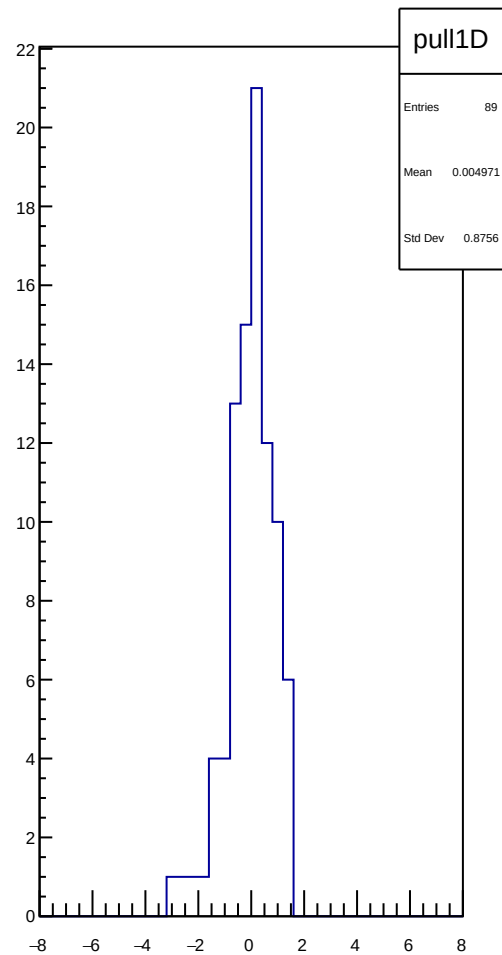
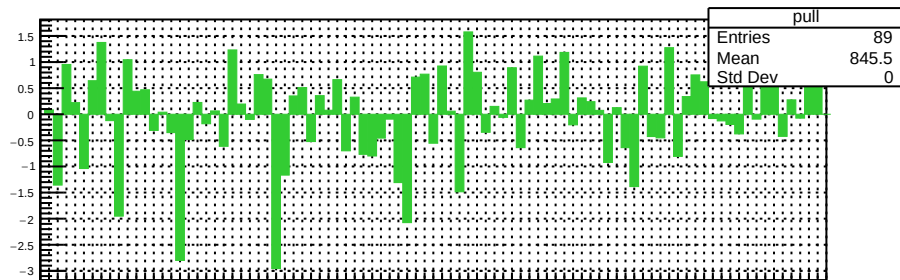
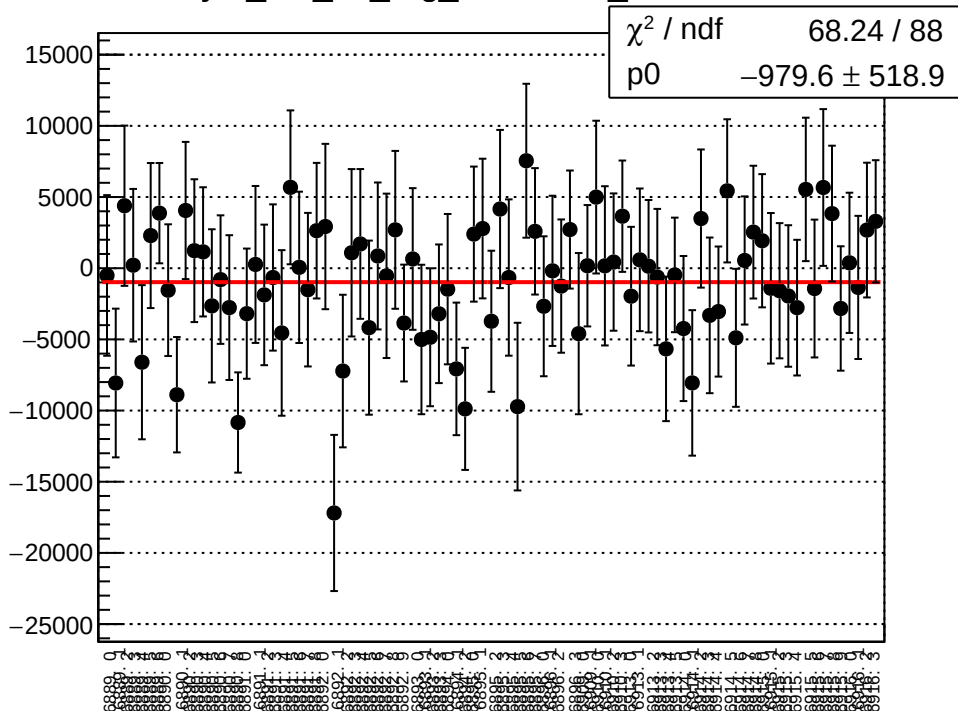
reg_asym_at1_dd_mean vs run



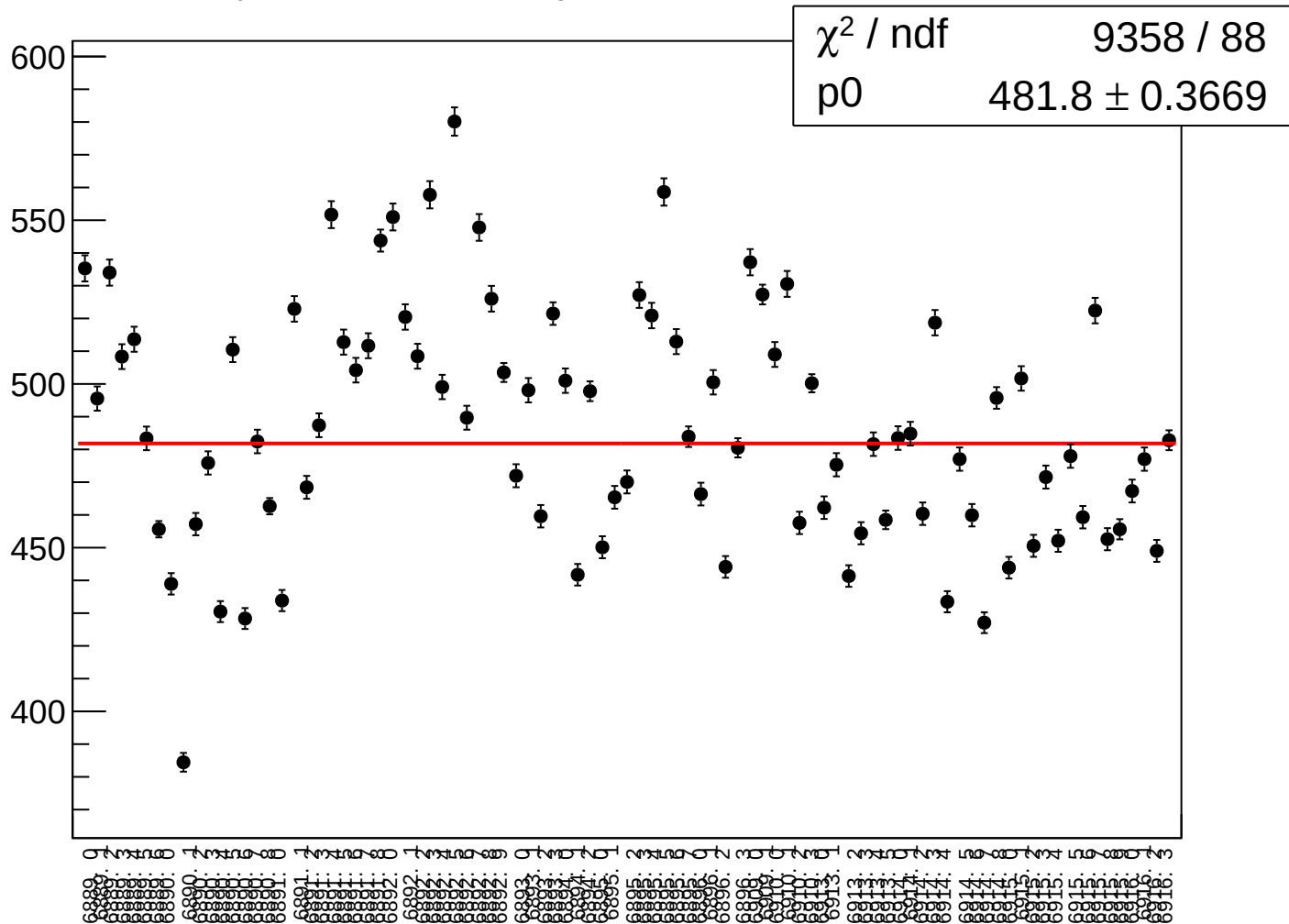
reg_asym_at1_dd_rms vs run



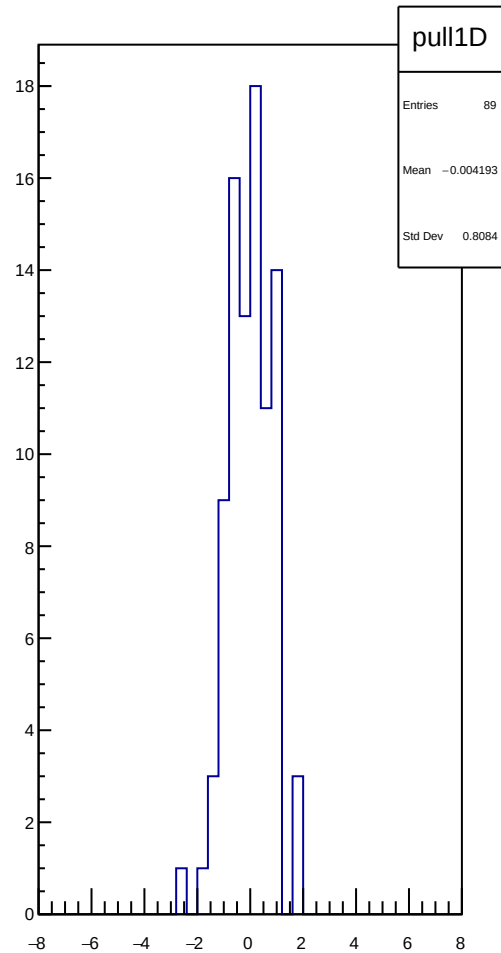
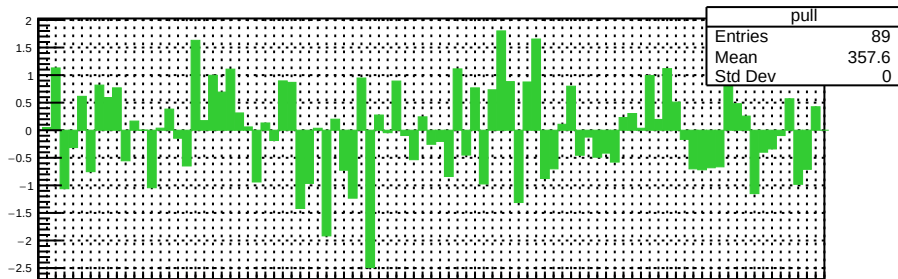
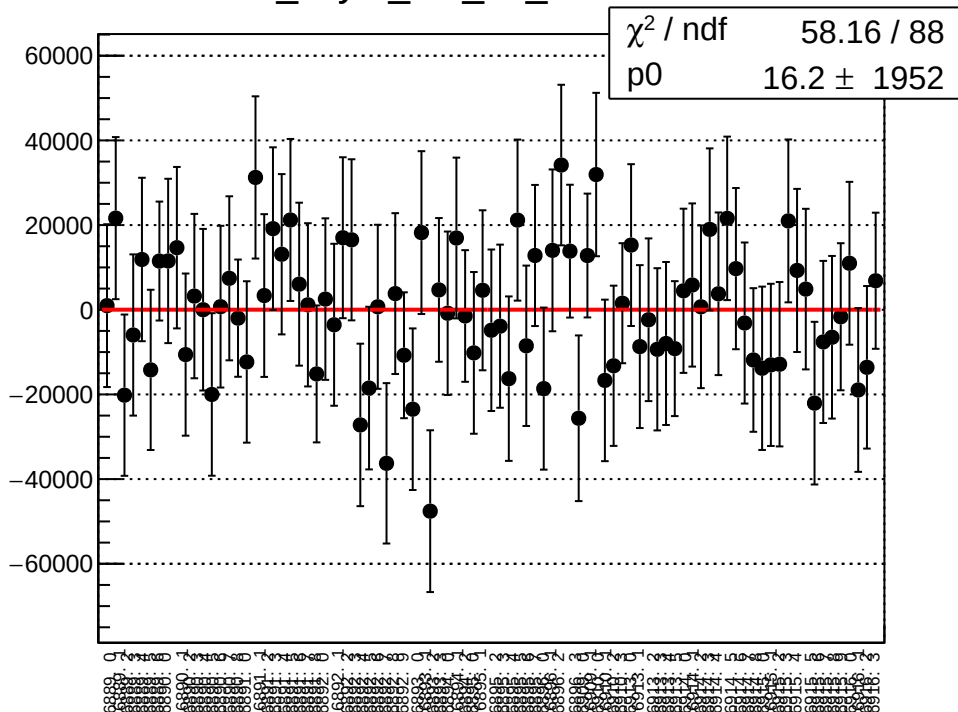
asym_at1_dd_reg_correction_mean vs run



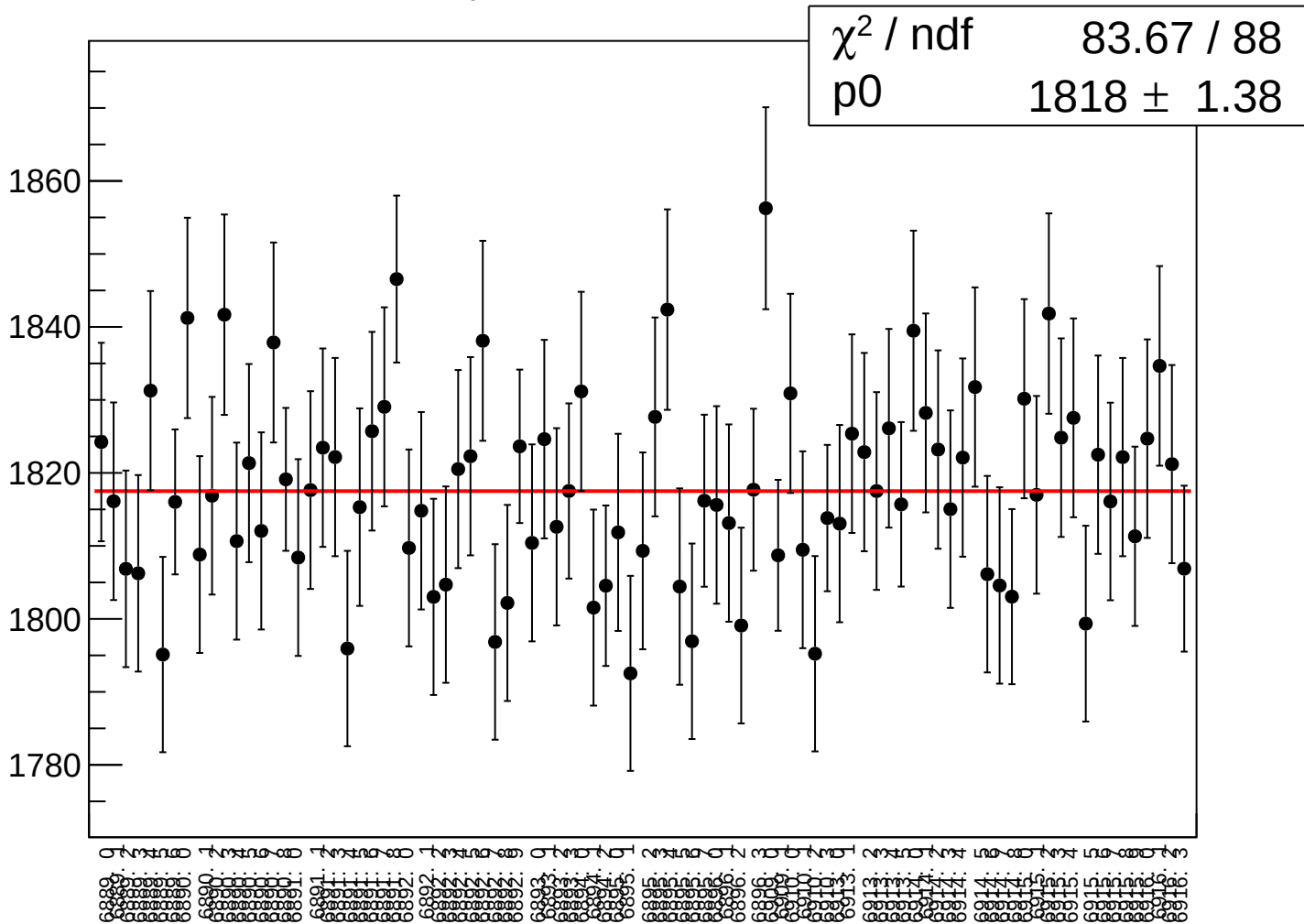
asym_at1_dd_reg_correction_rms vs run



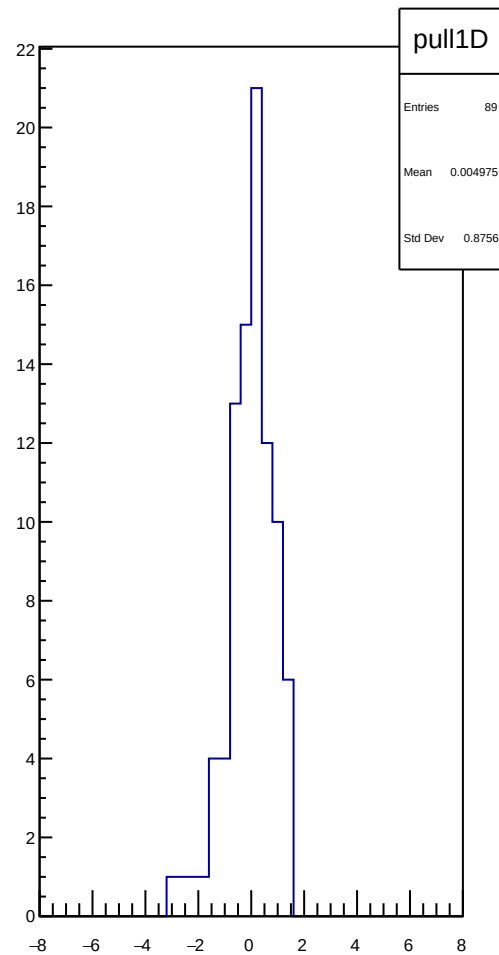
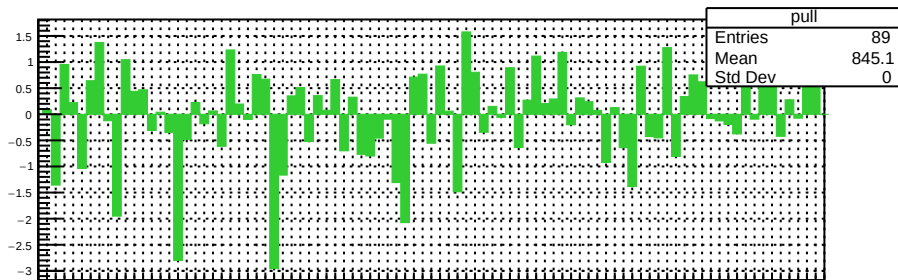
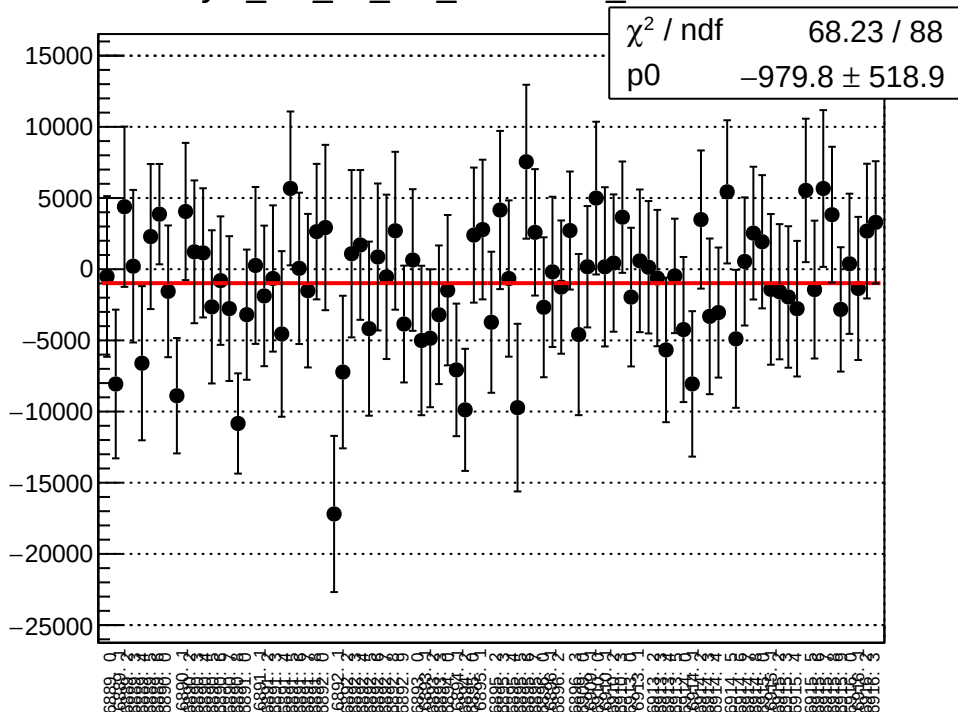
cor_asym_at1_dd_mean vs run



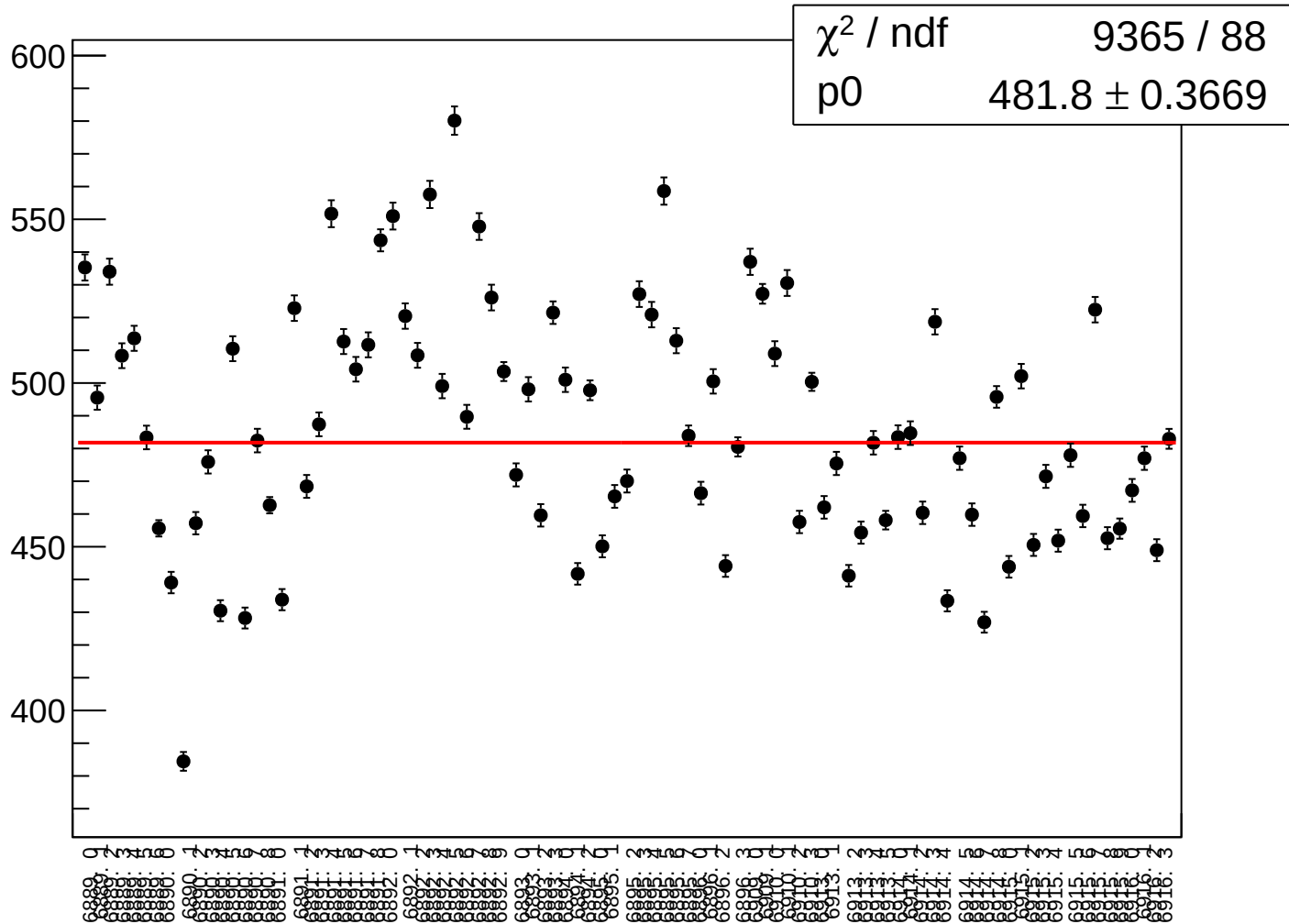
cor_asym_at1_dd_rms vs run



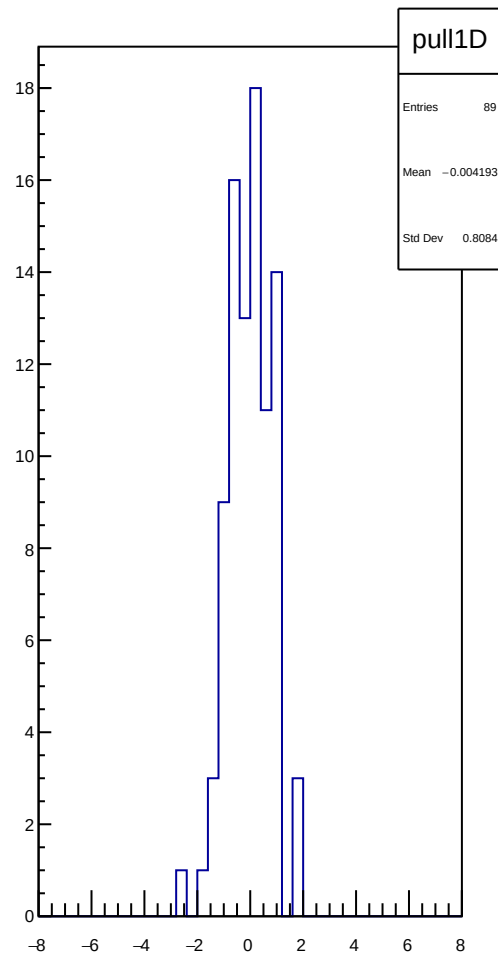
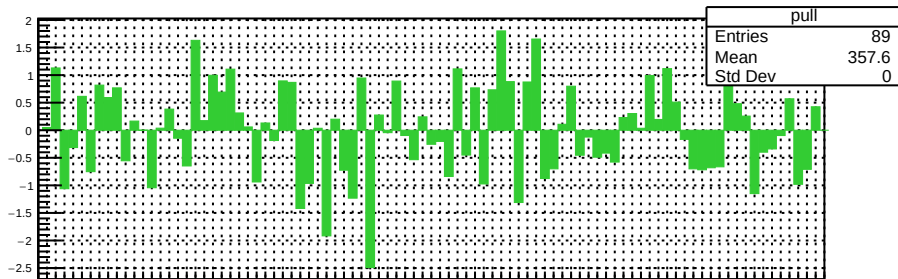
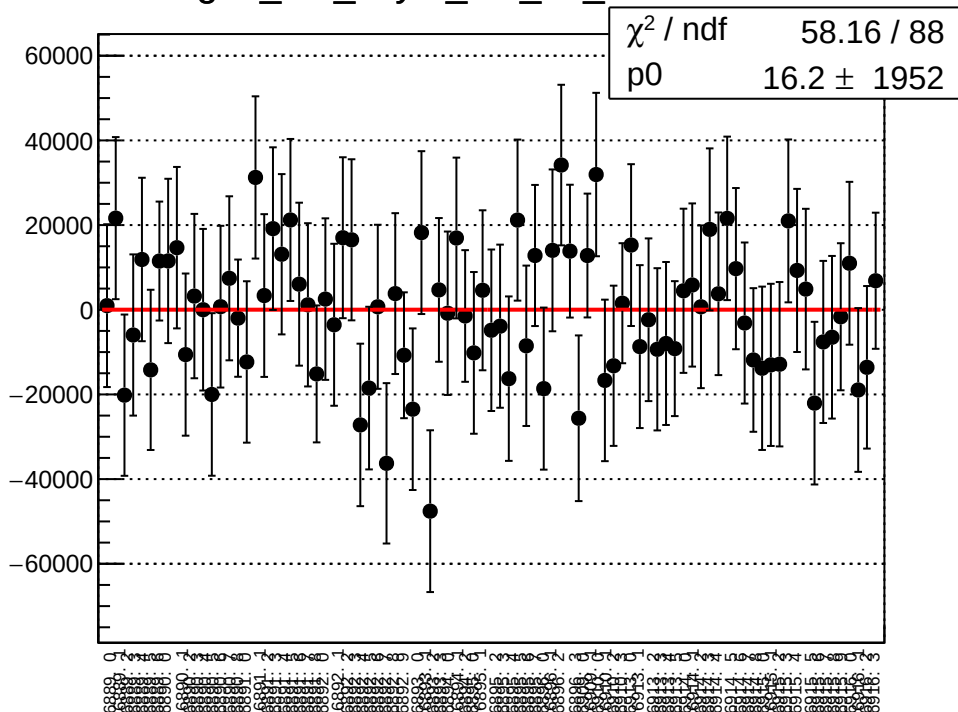
asym_at1_dd_cor_correction_mean vs run



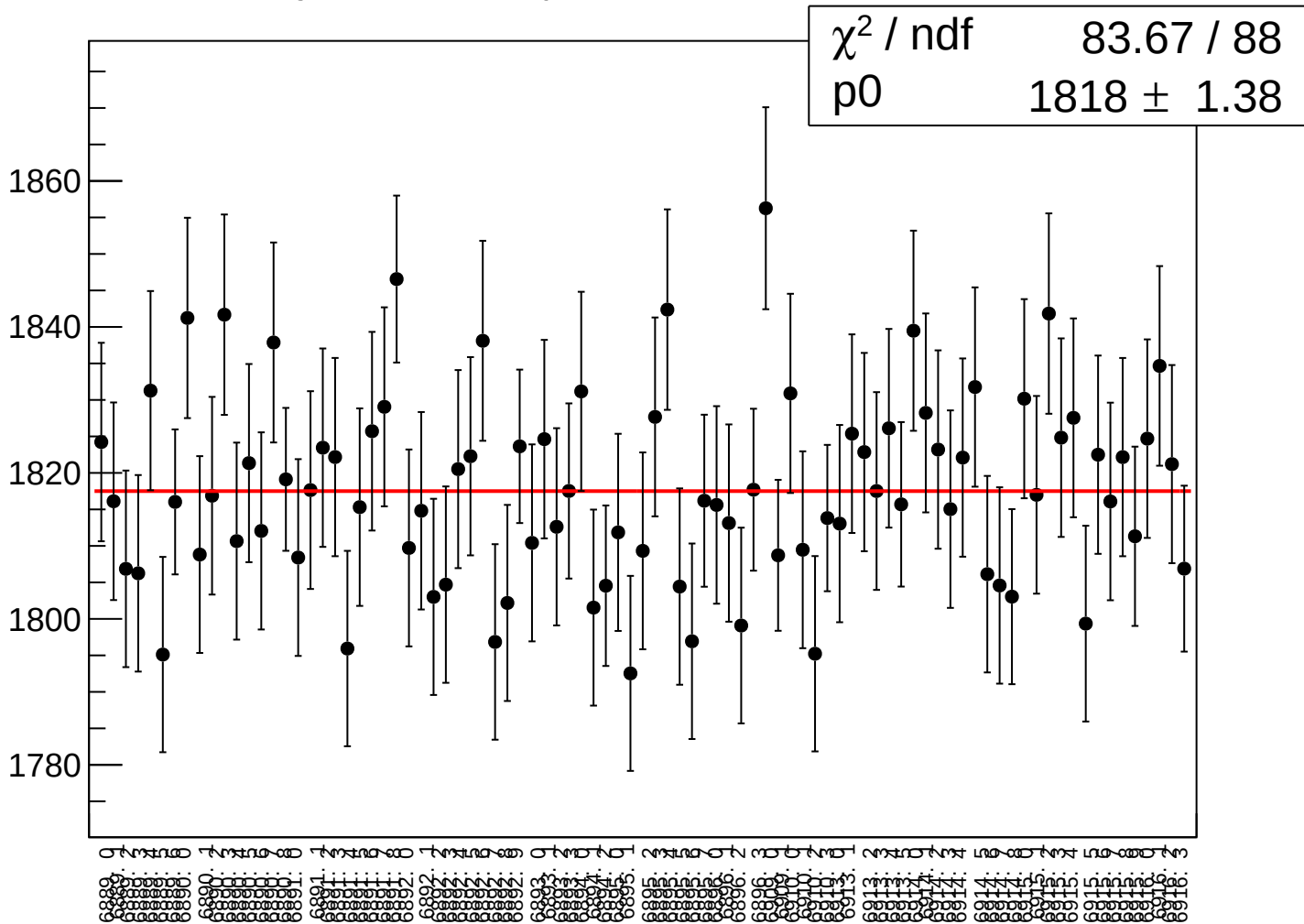
asym_at1_dd_cor_correction_rms vs run



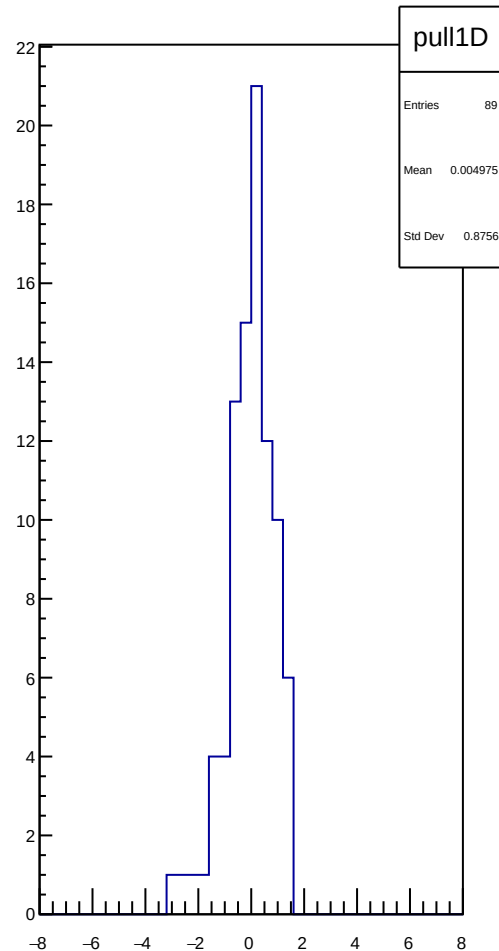
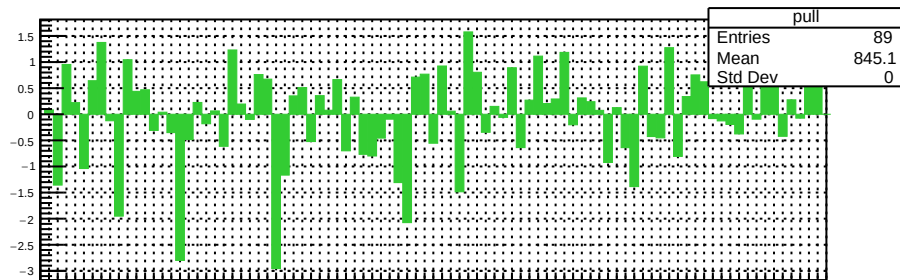
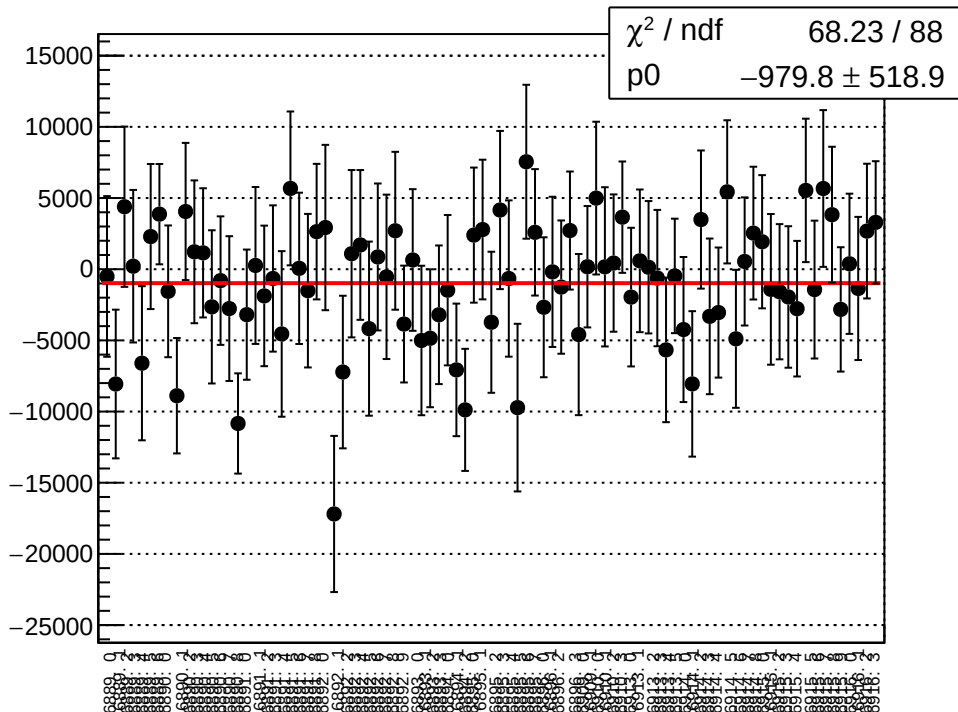
eigen_cor_asym_at1_dd_mean vs run



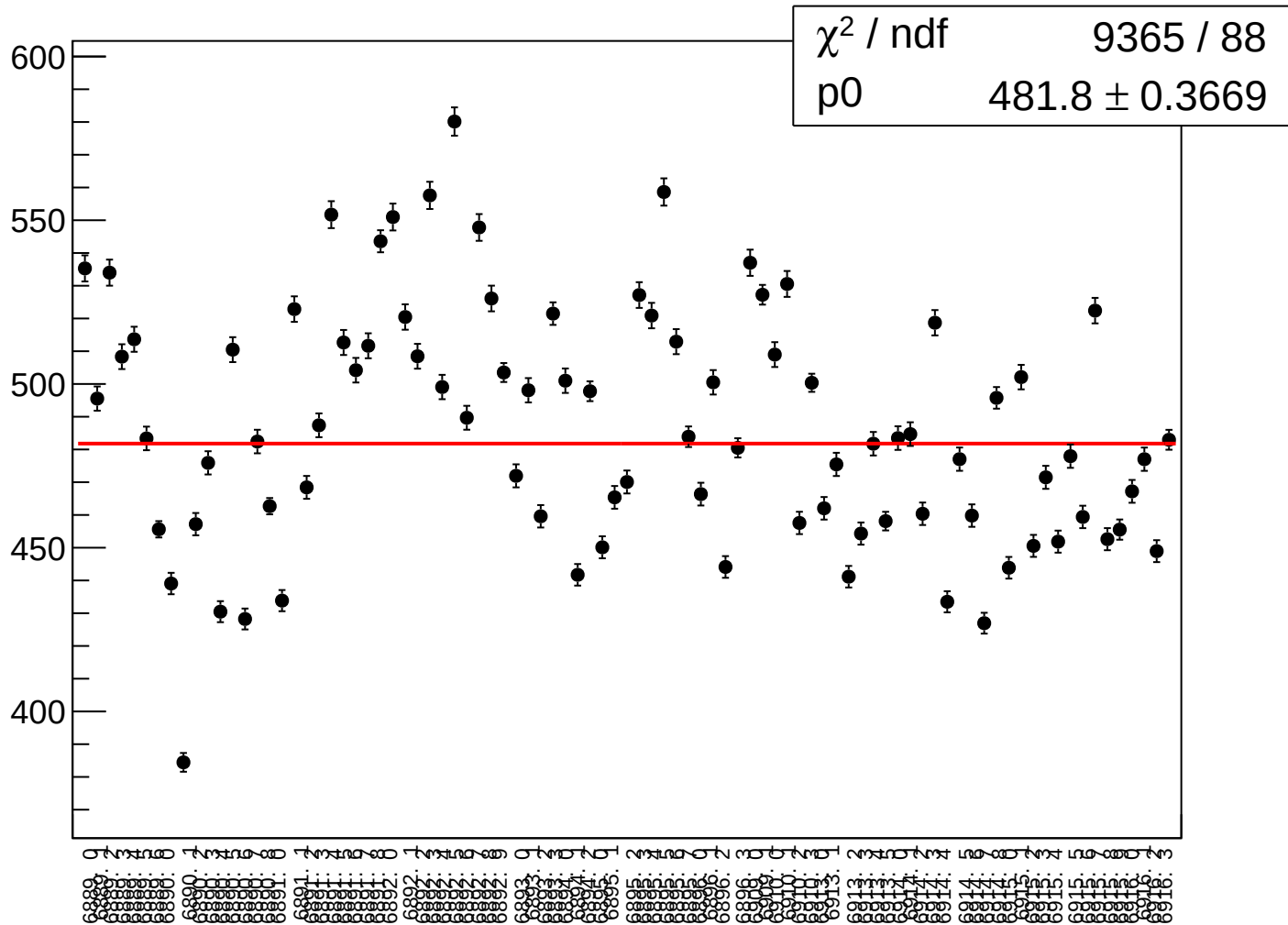
eigen_cor_asym_at1_dd_rms vs run



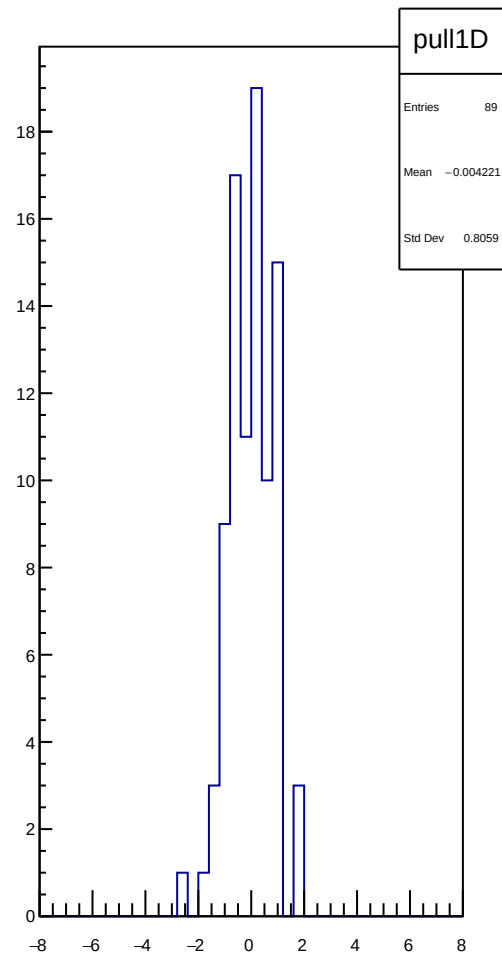
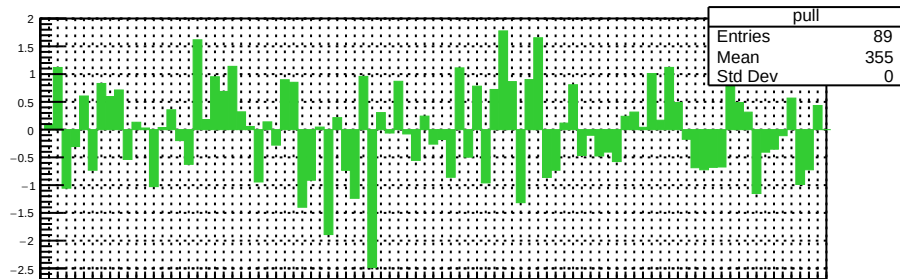
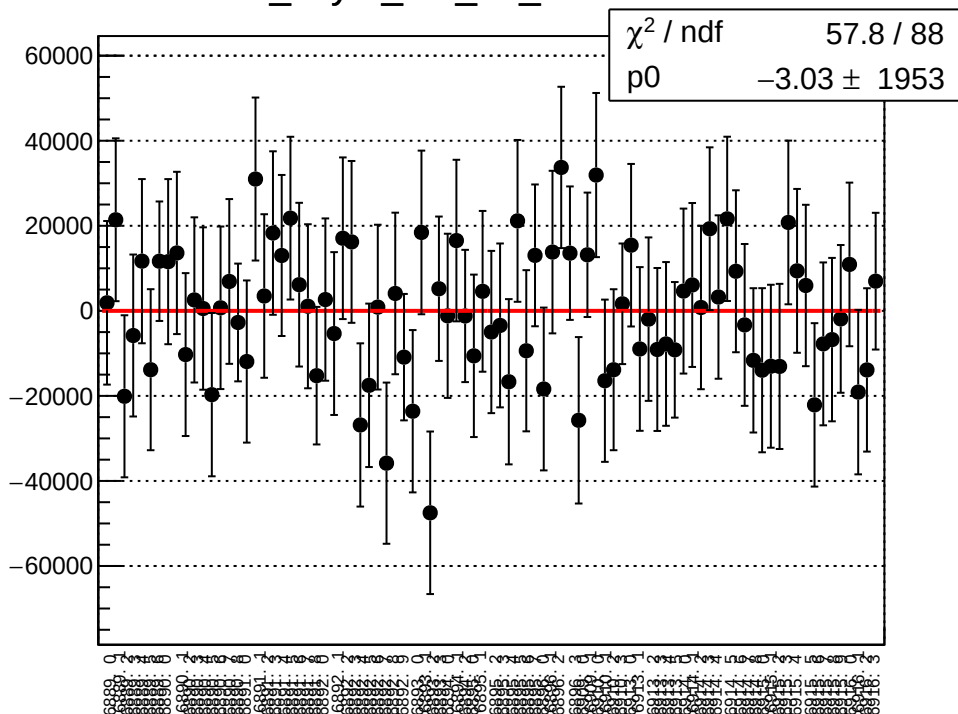
asym_at1_dd_eigen_cor_correction_mean vs run



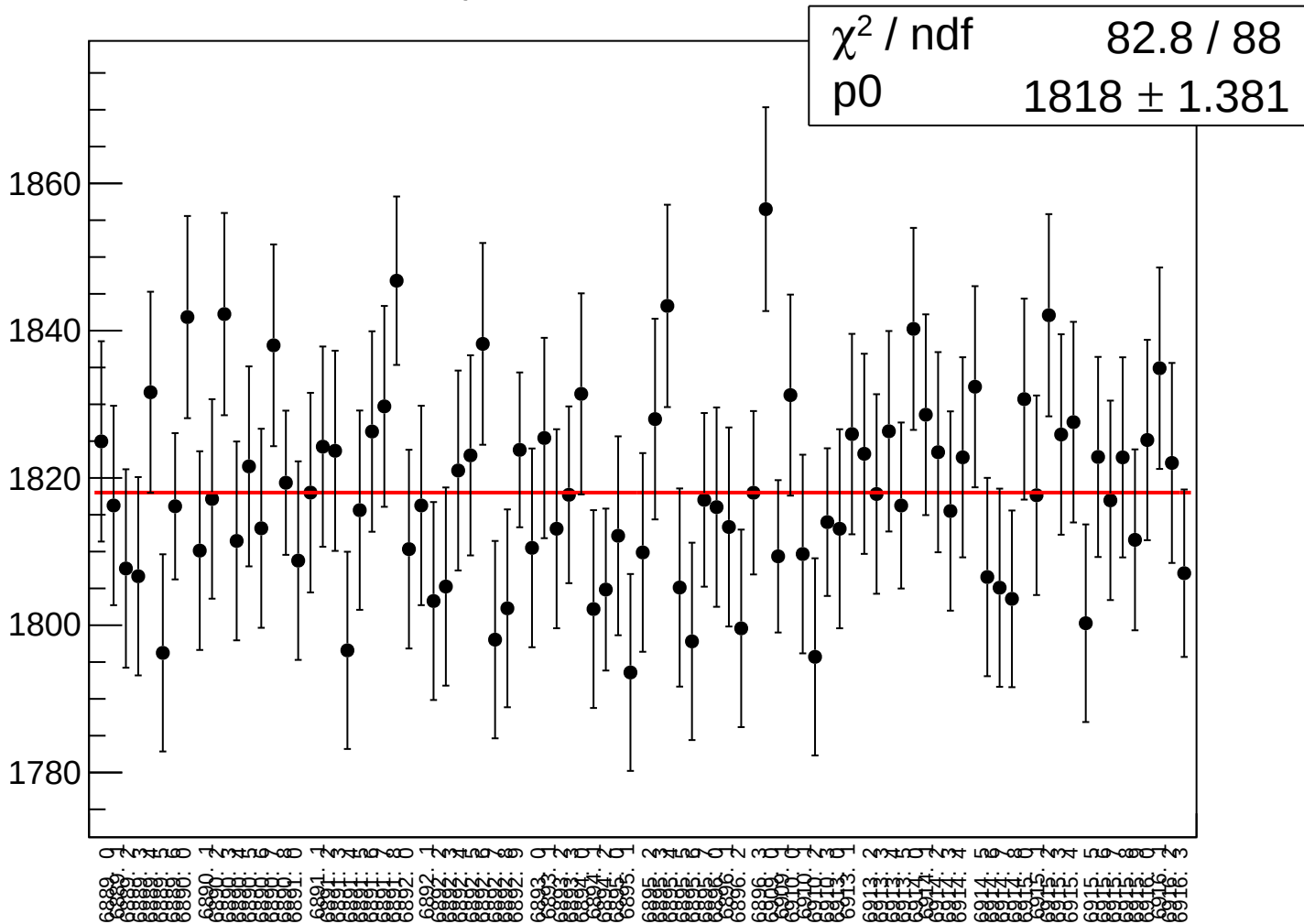
asym_at1_dd_eigen_cor_correction_rms vs run



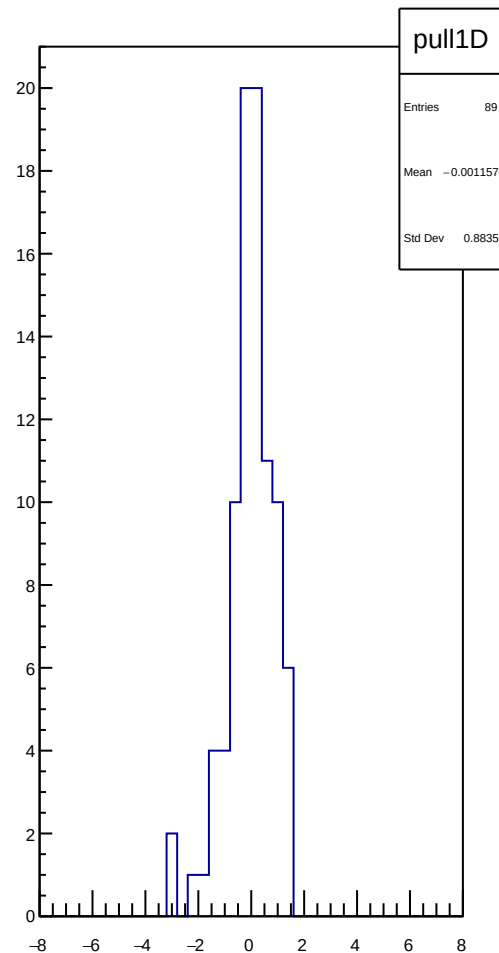
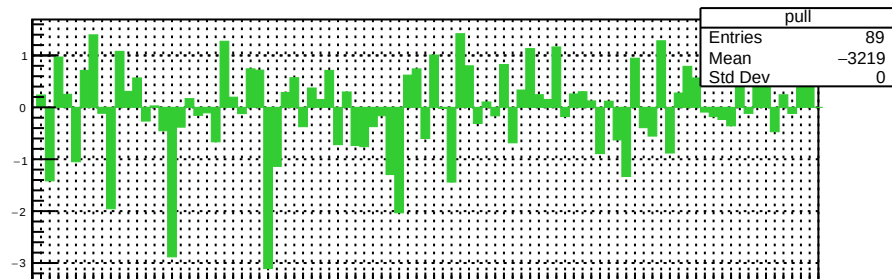
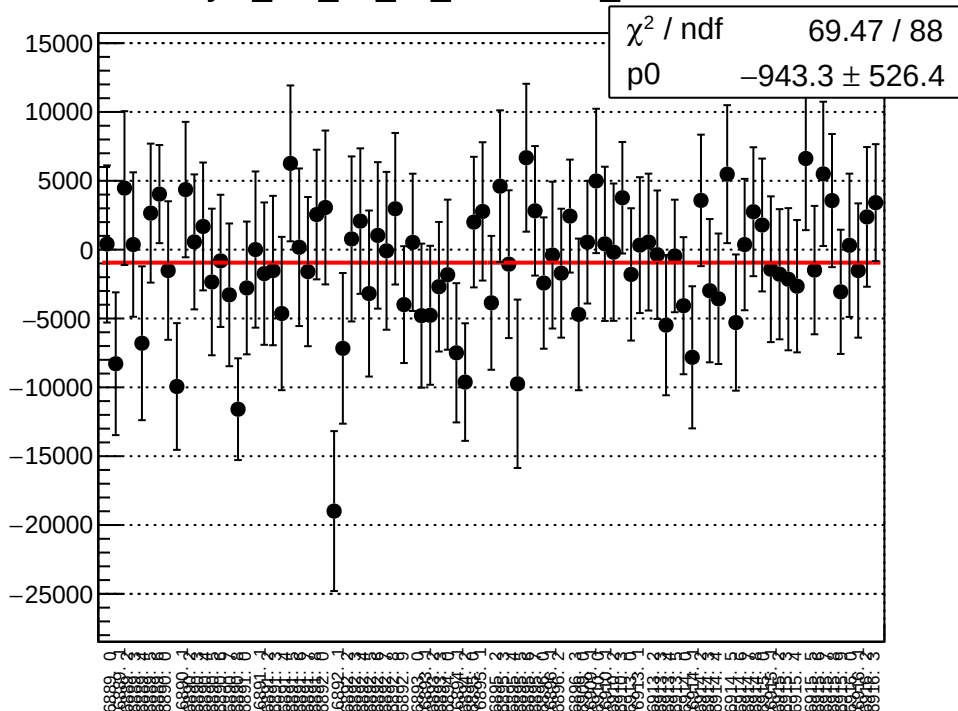
dit_asym_at1_dd_mean vs run



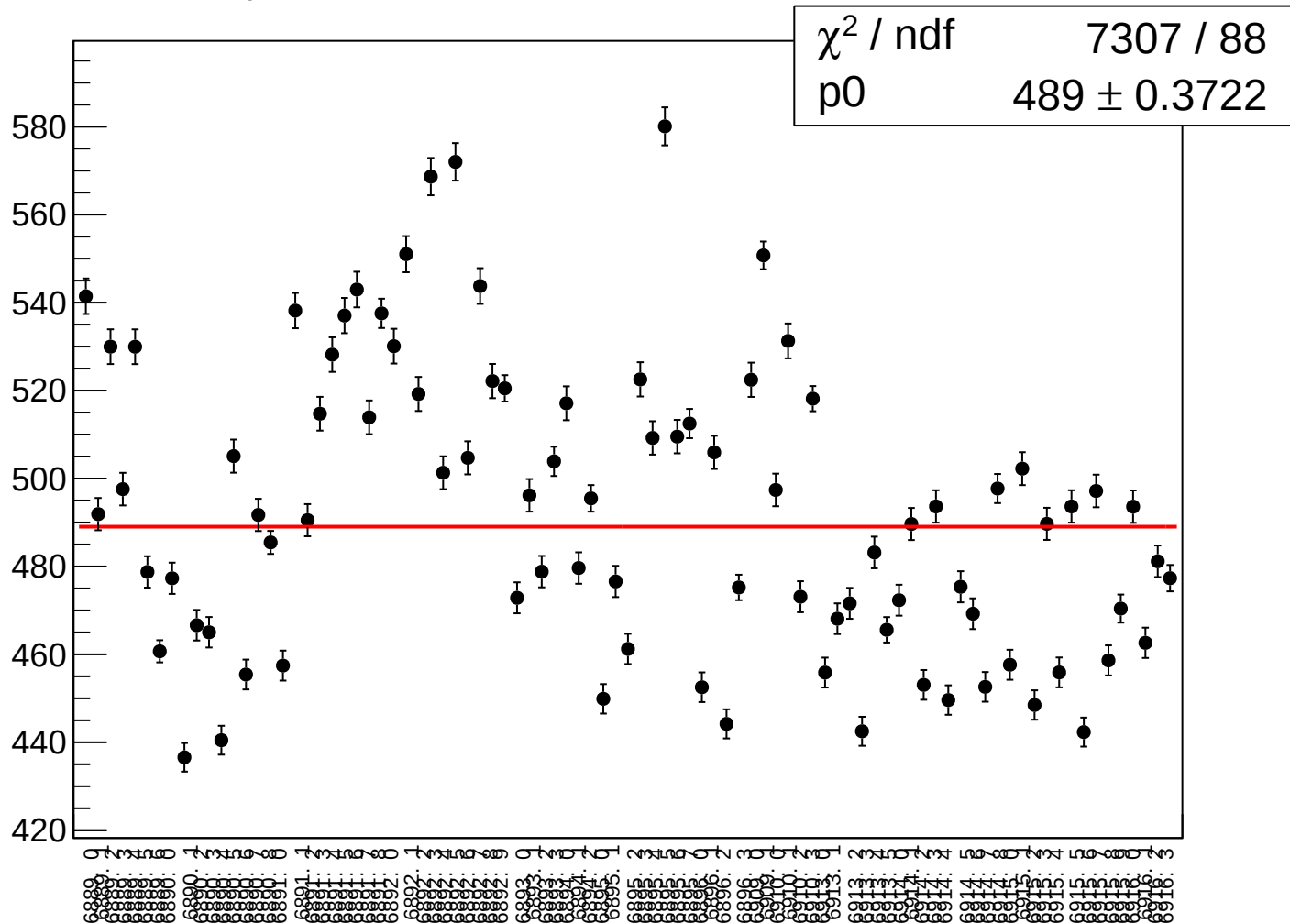
dit_asym_at1_dd_rms vs run



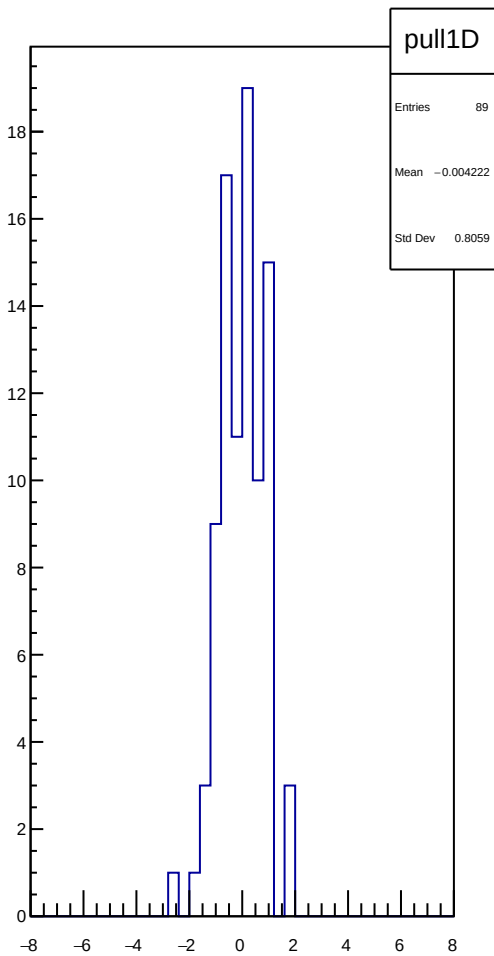
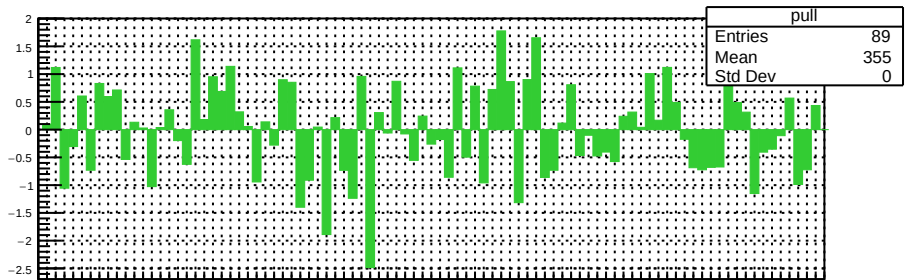
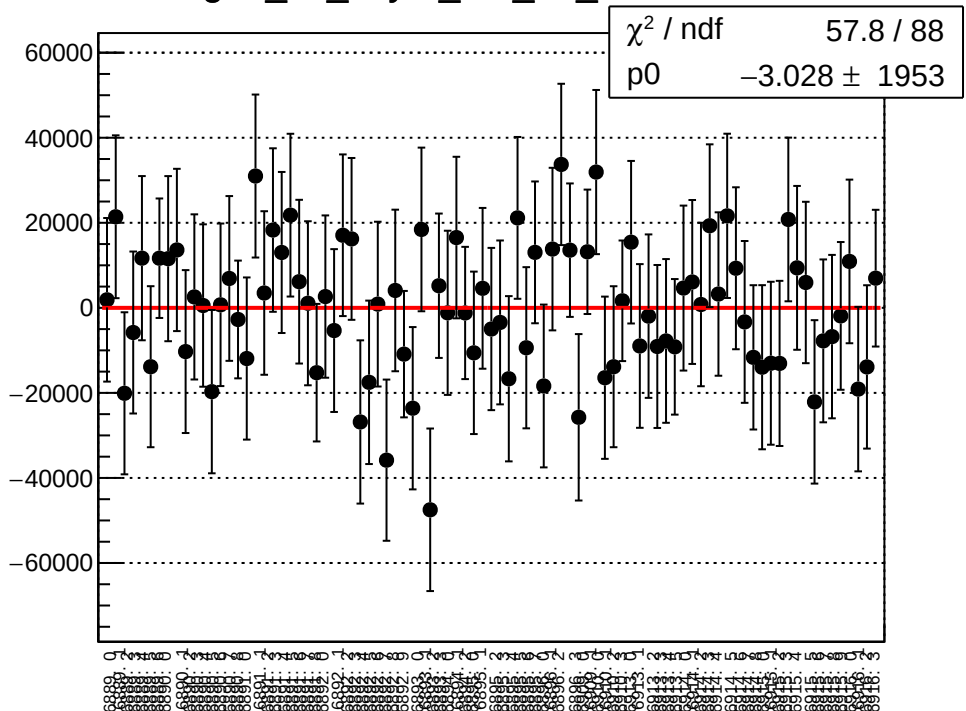
asym_at1_dd_dit_correction_mean vs run



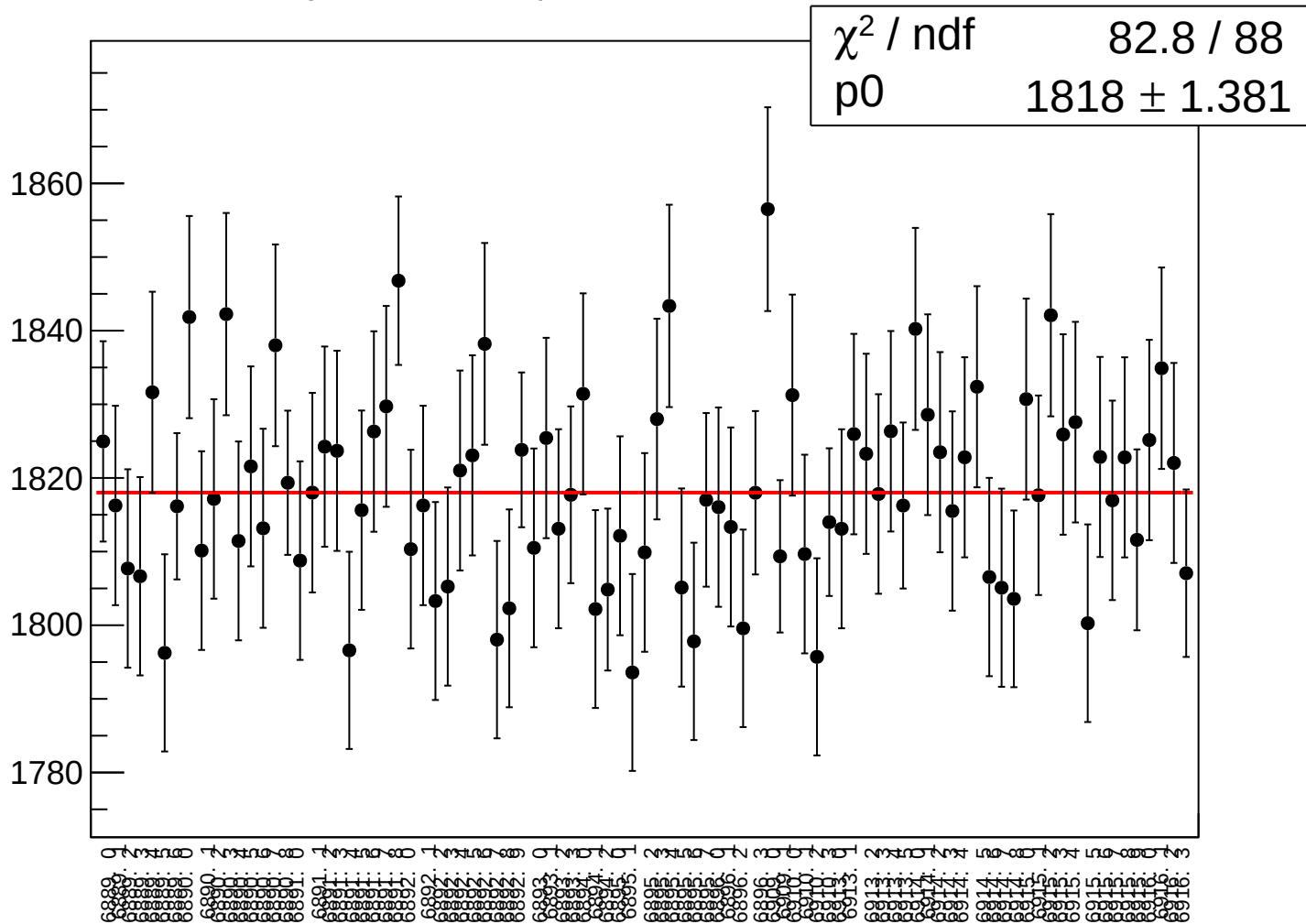
asym_at1_dd_dit_correction_rms vs run



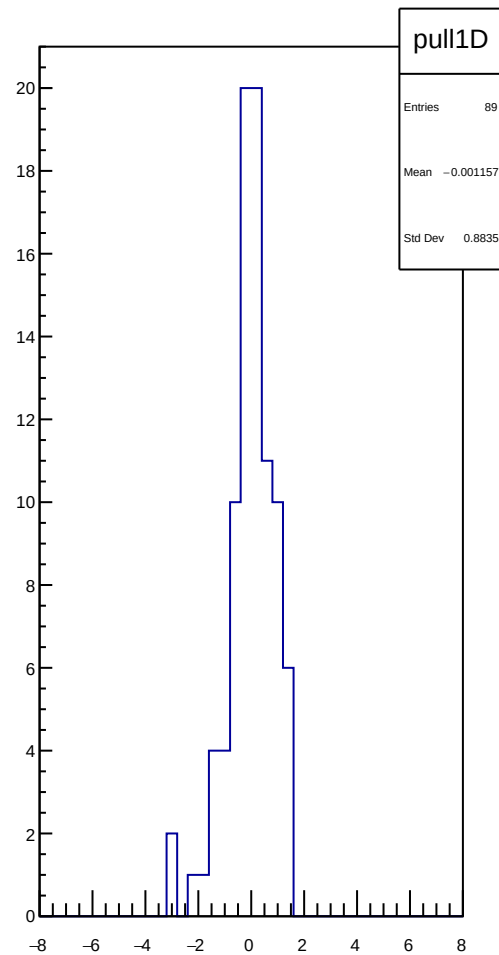
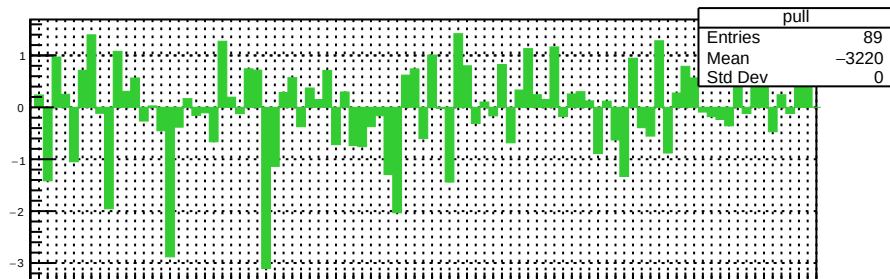
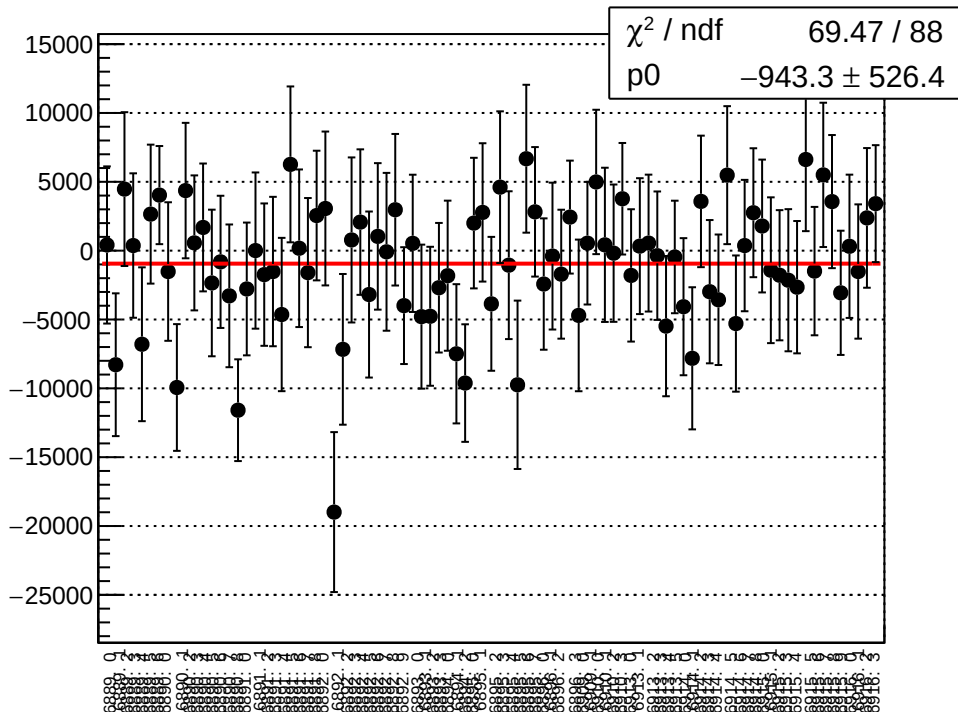
eigen_dit_asym_at1_dd_mean vs run



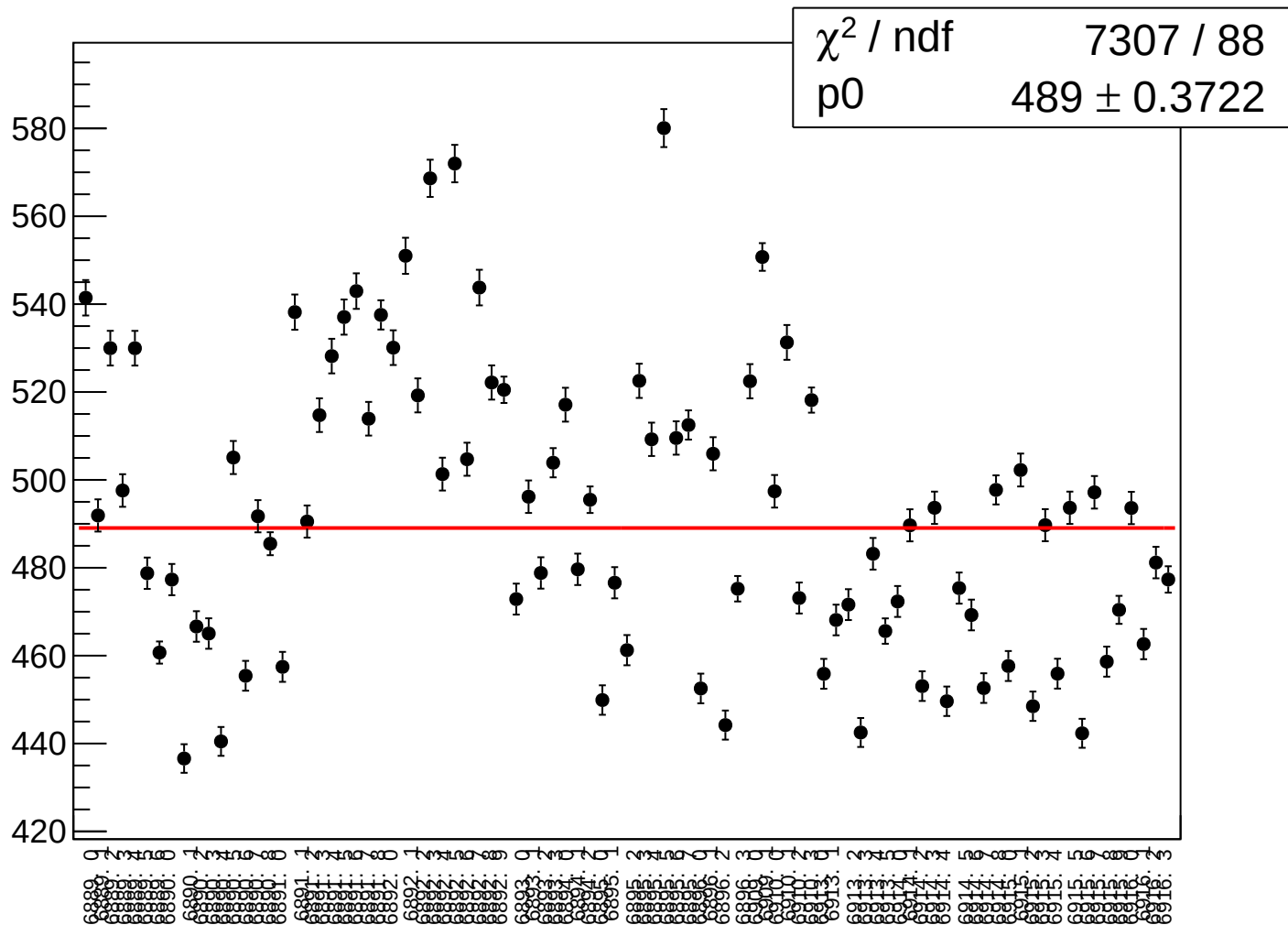
eigen_dit_asym_at1_dd_rms vs run



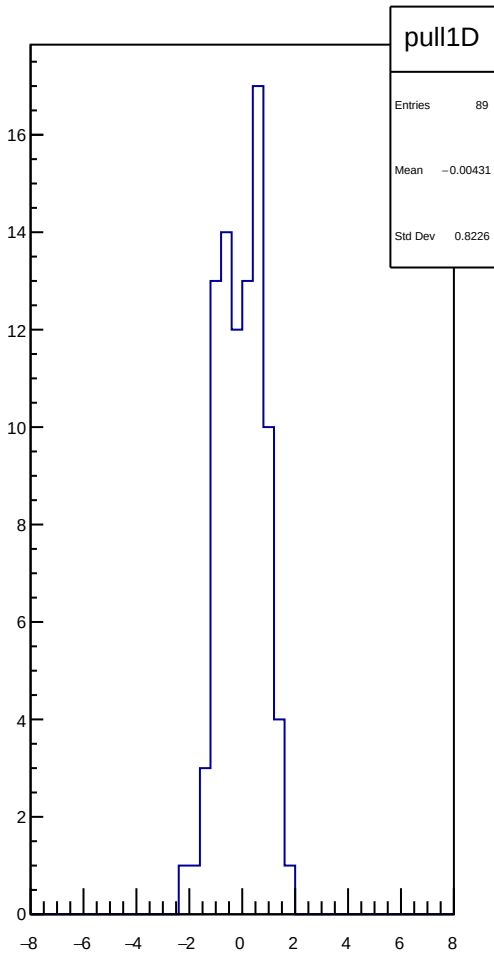
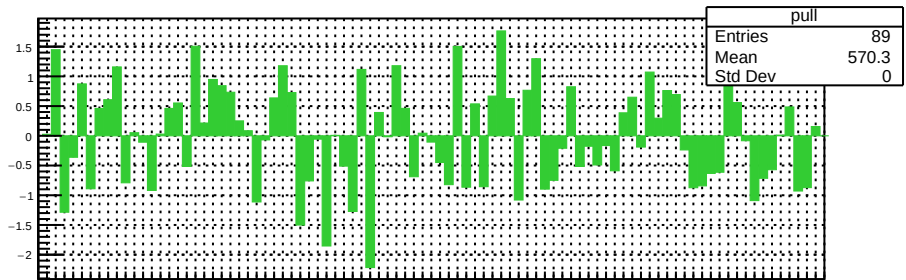
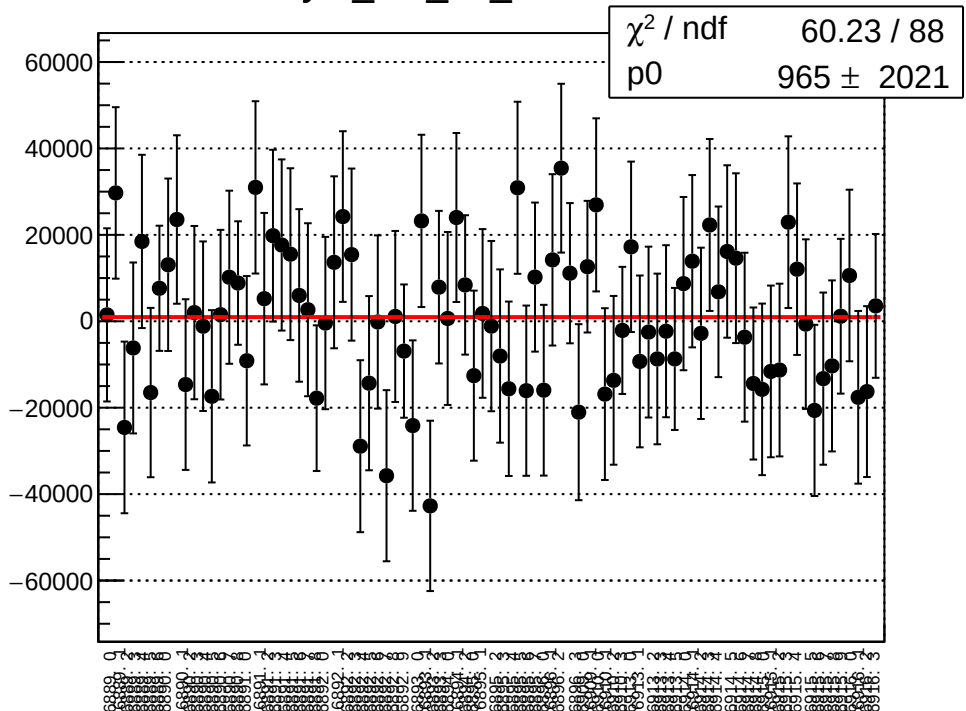
asym_at1_dd_eigen_dit_correction_mean vs run



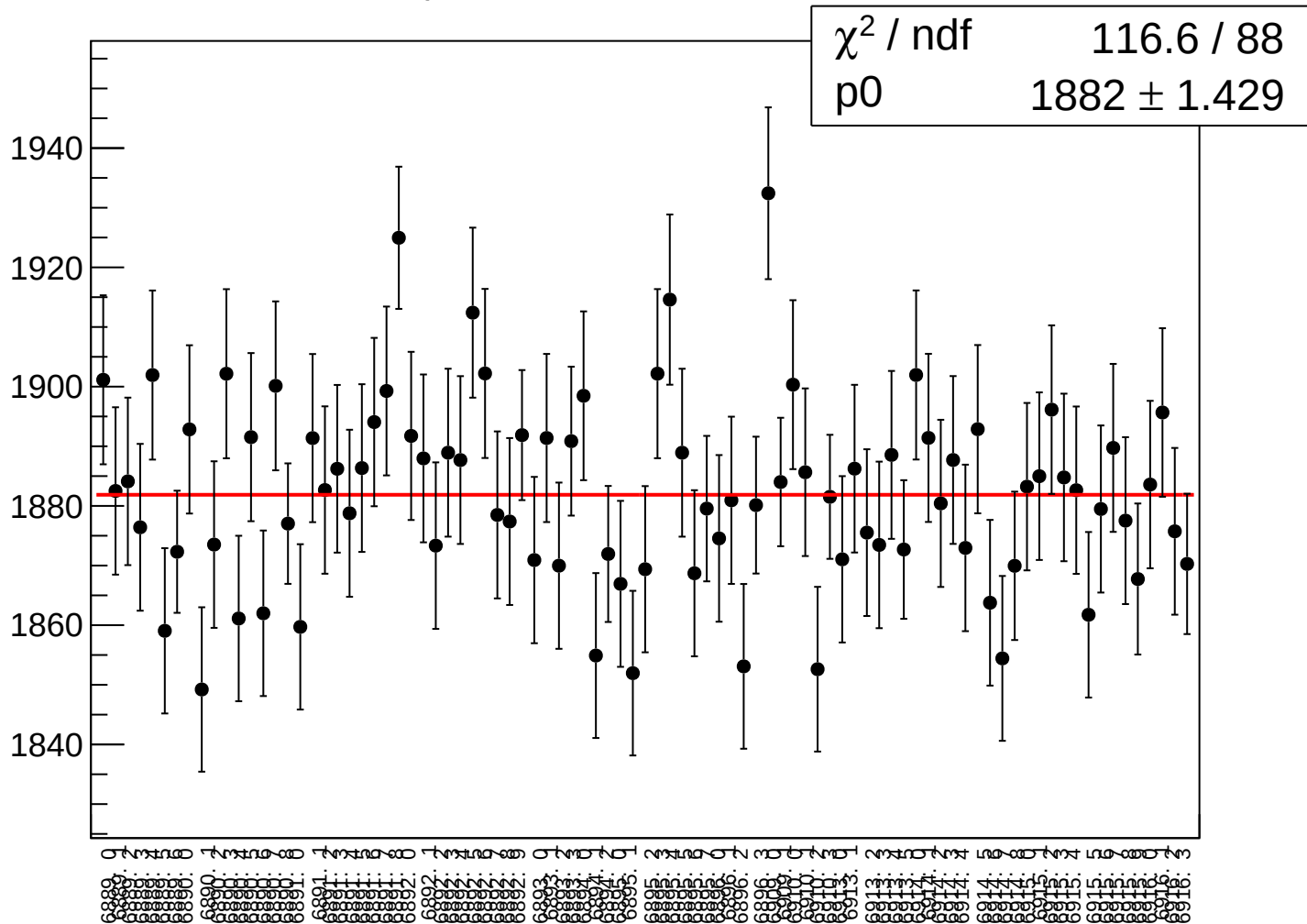
asym_at1_dd_eigen_dit_correction_rms vs run



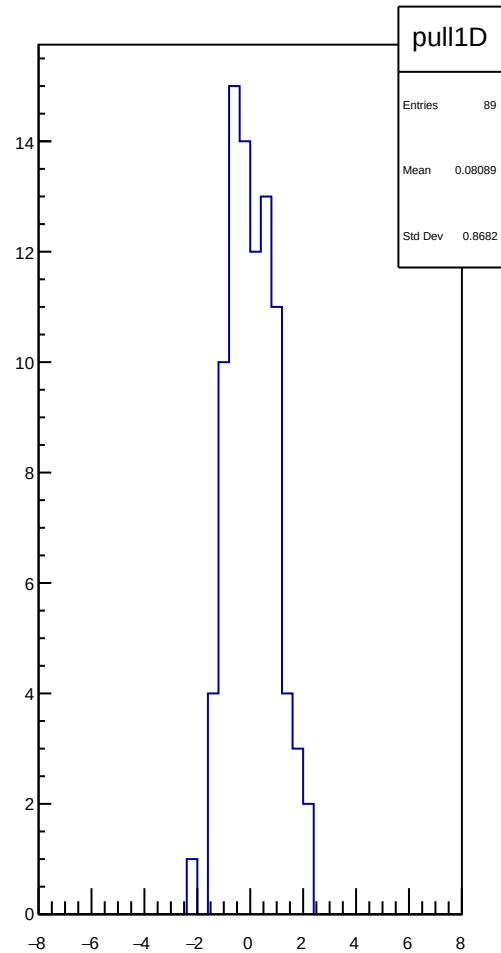
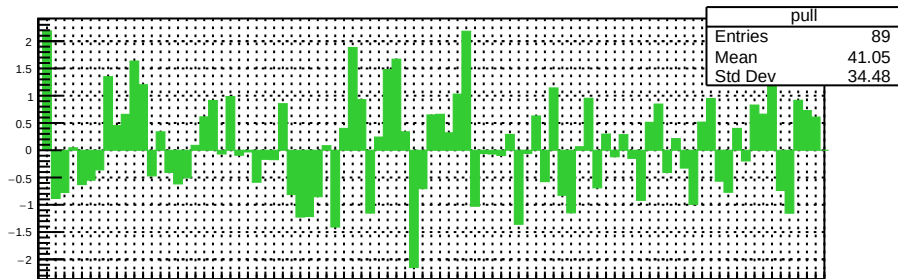
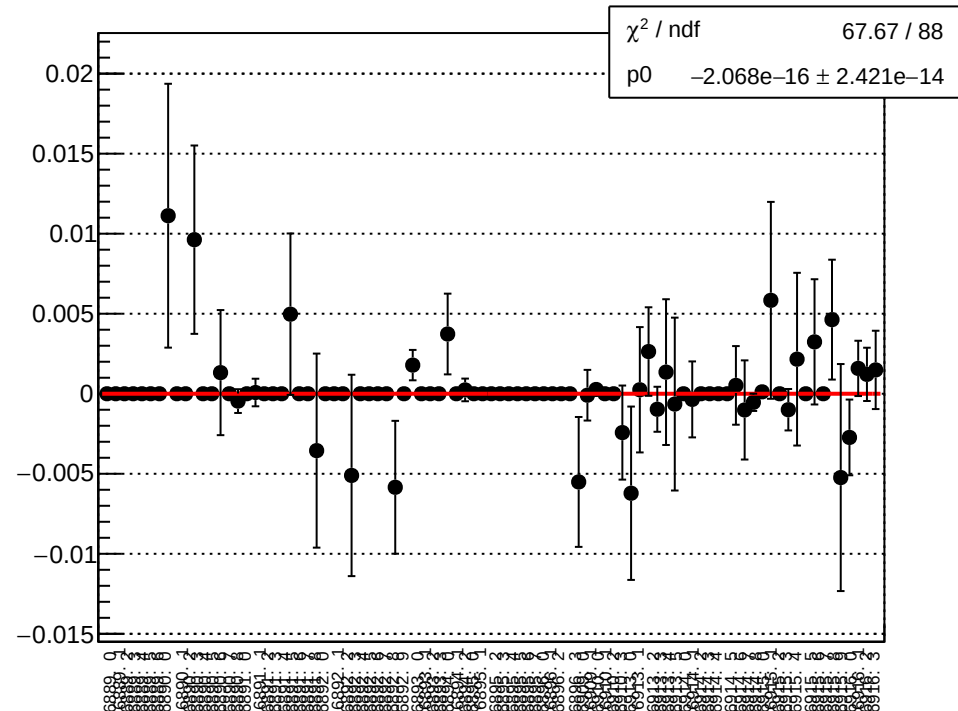
asym_at1_dd_mean vs run



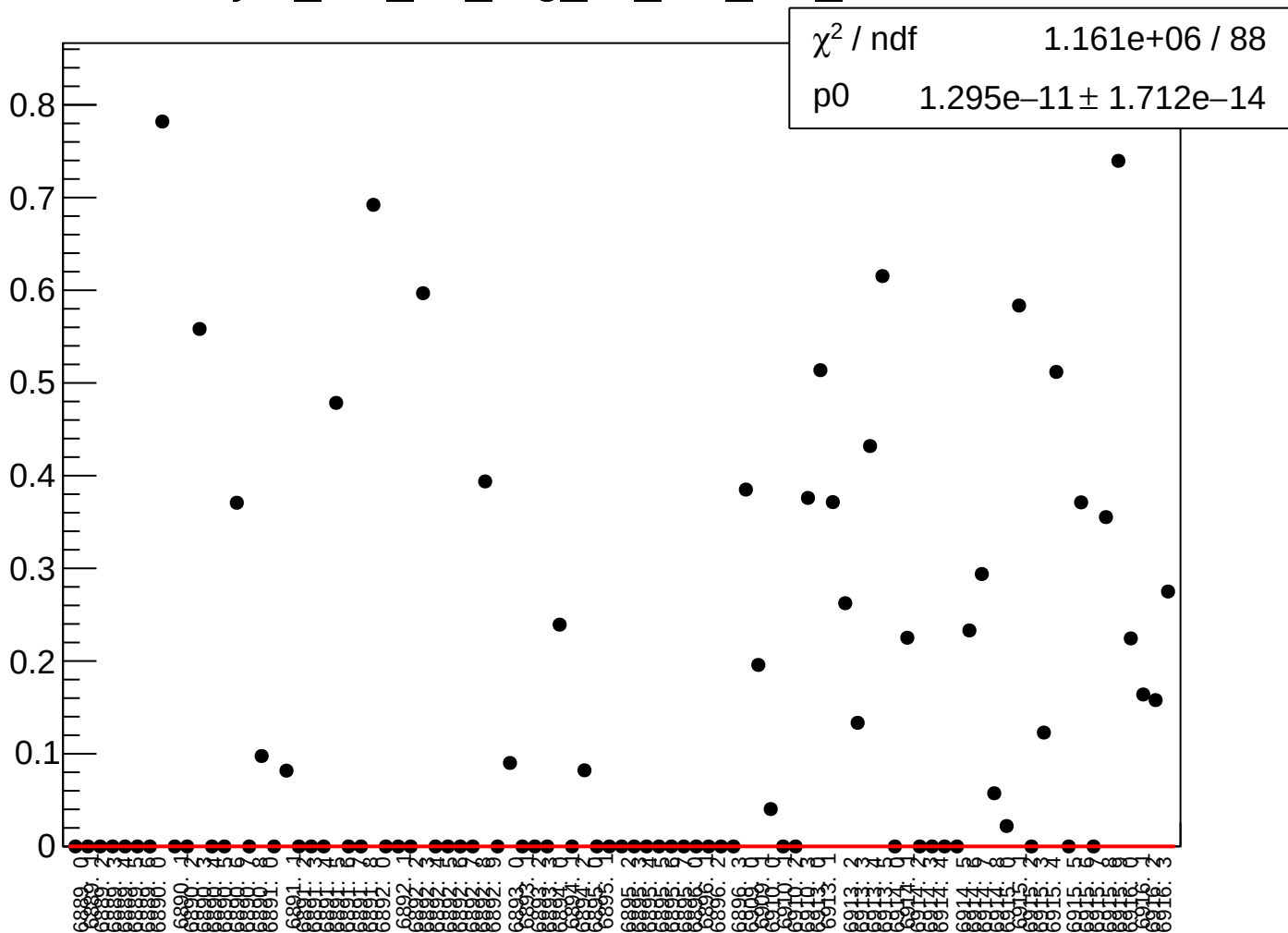
asym_at1_dd_rms vs run



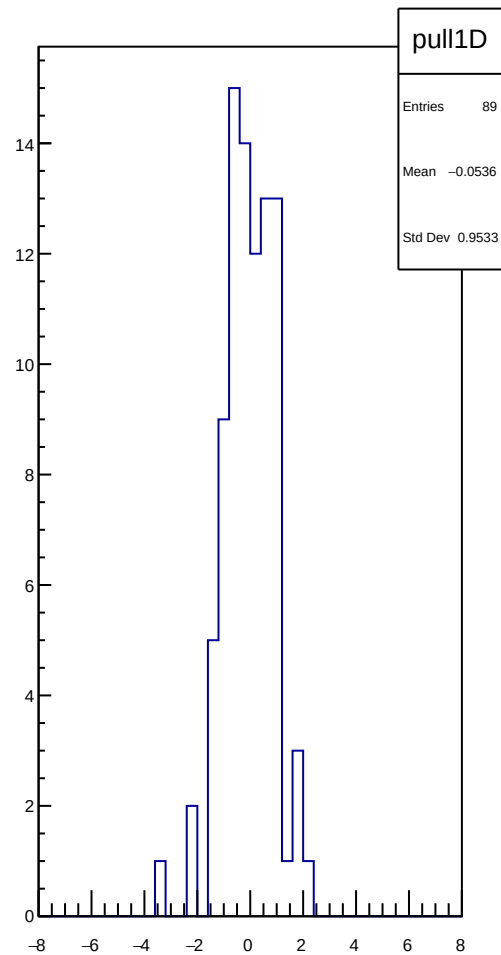
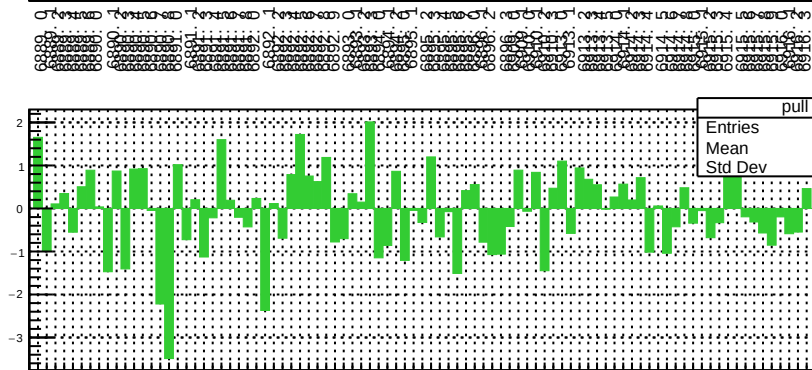
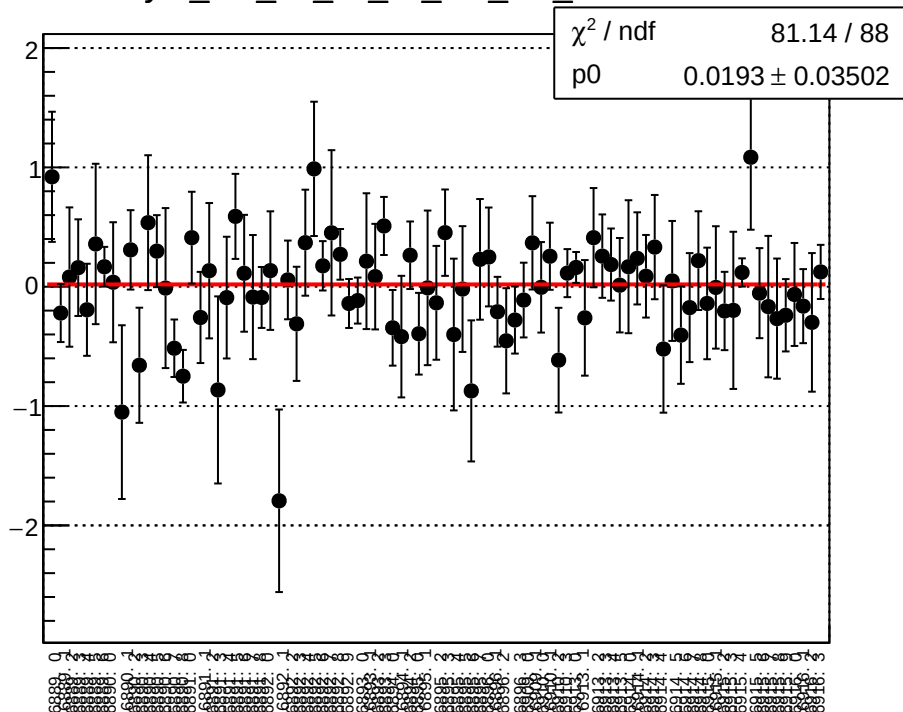
asym_at1_dd_reg_vs_cor_diff_mean vs run



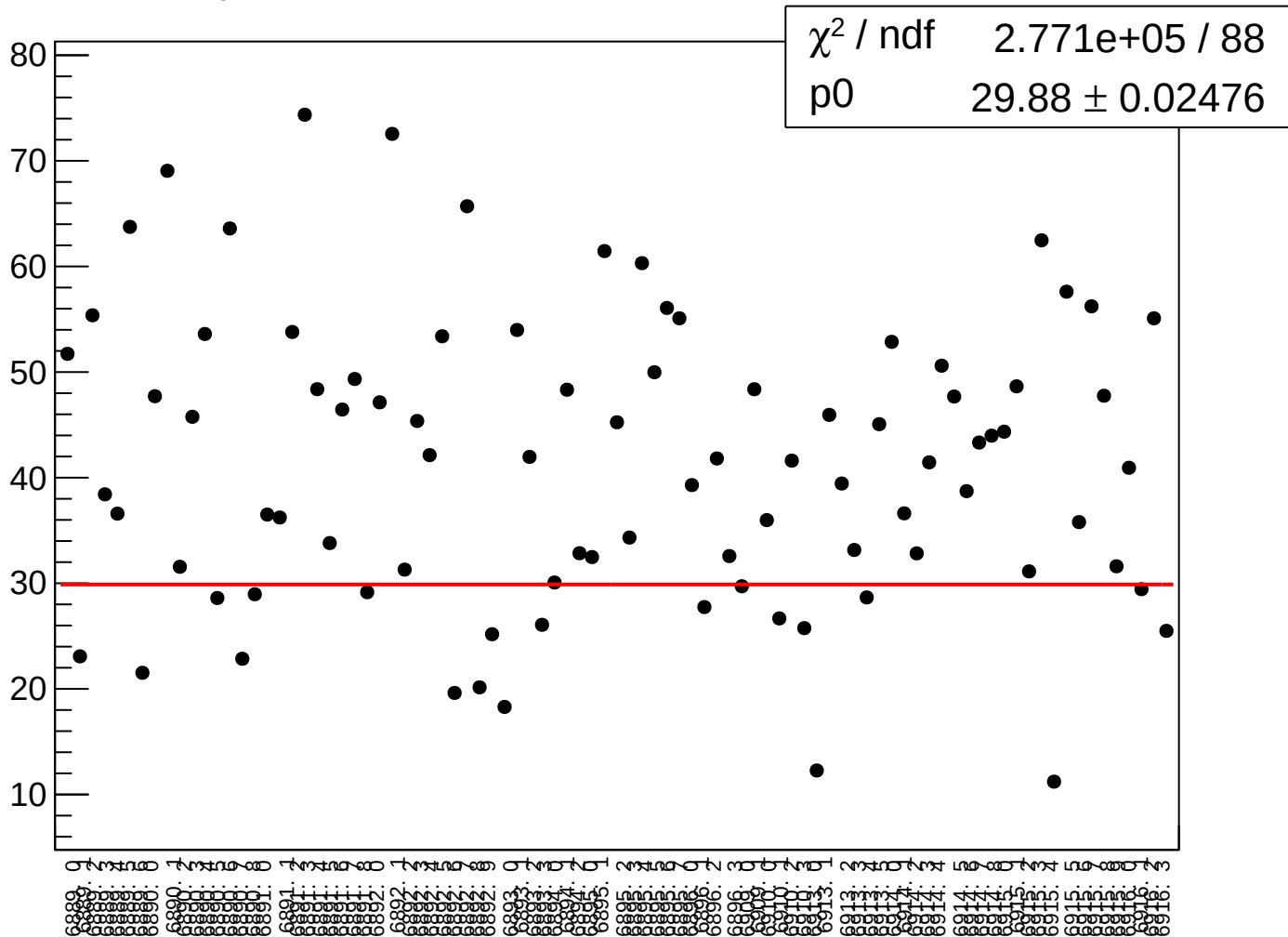
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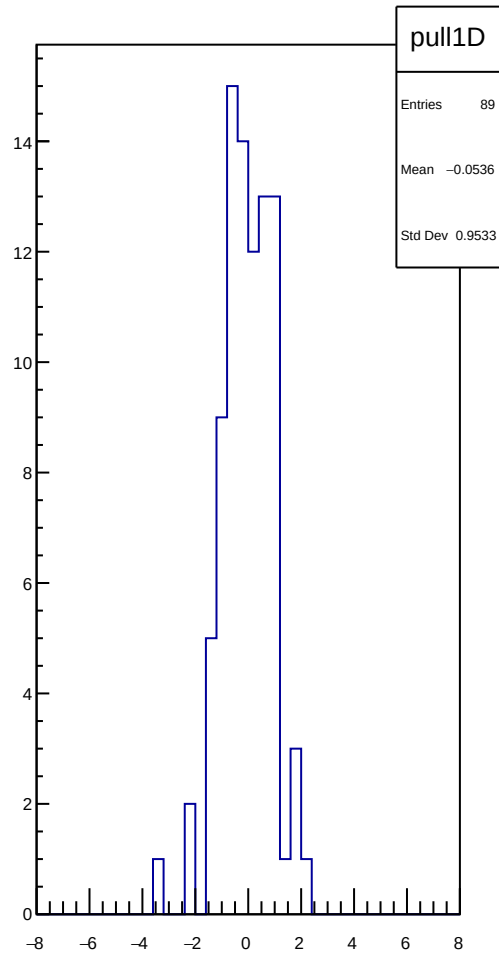
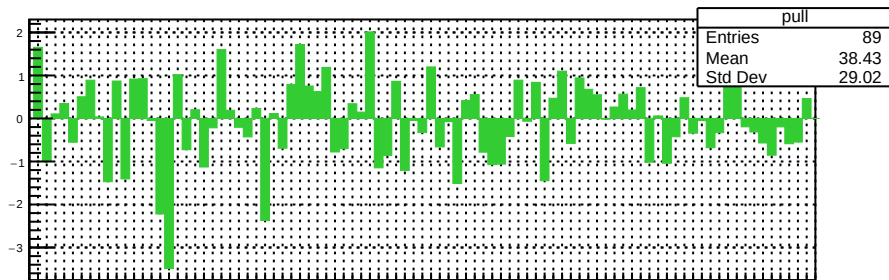
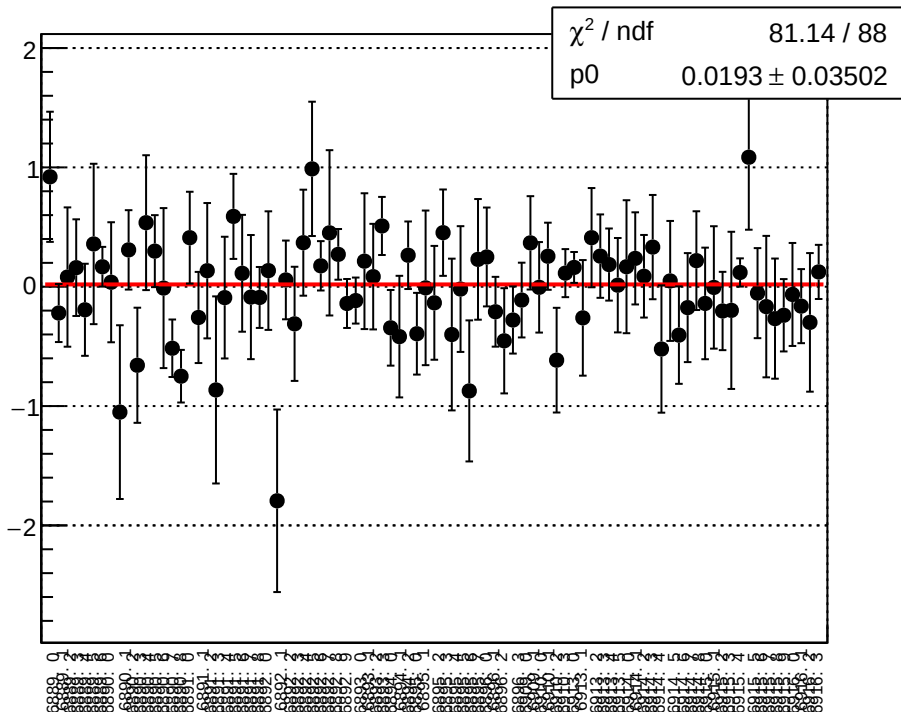
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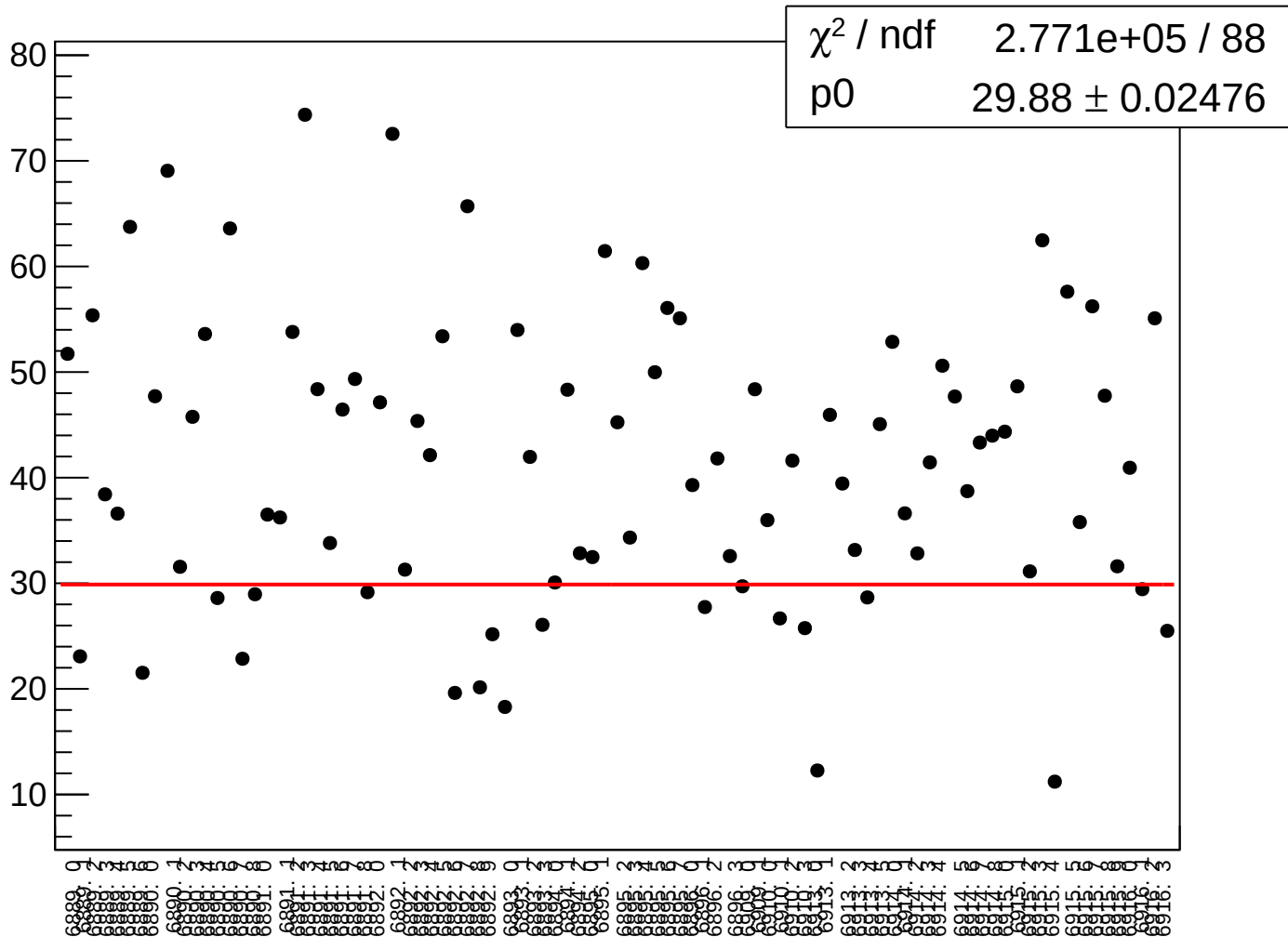
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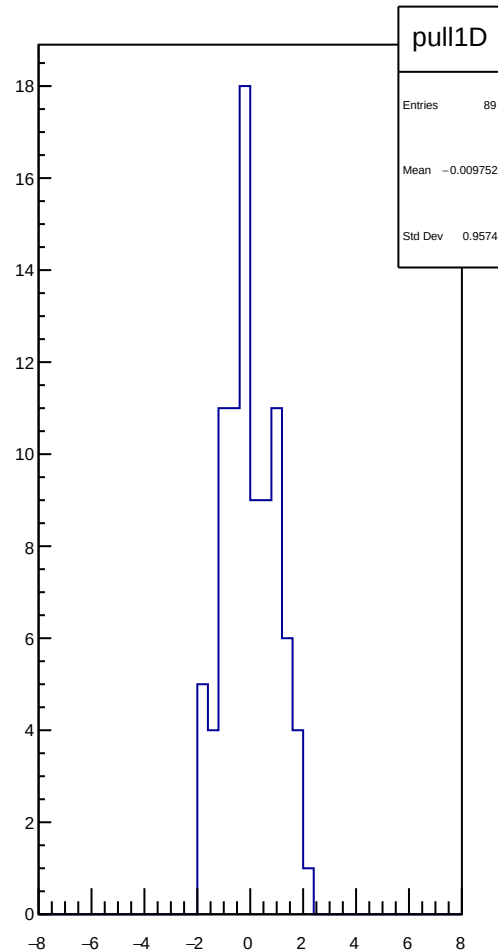
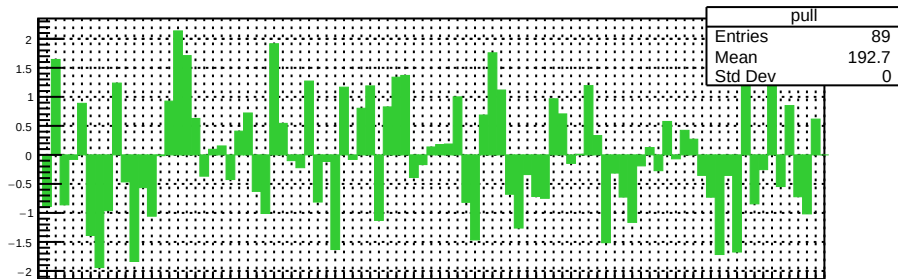
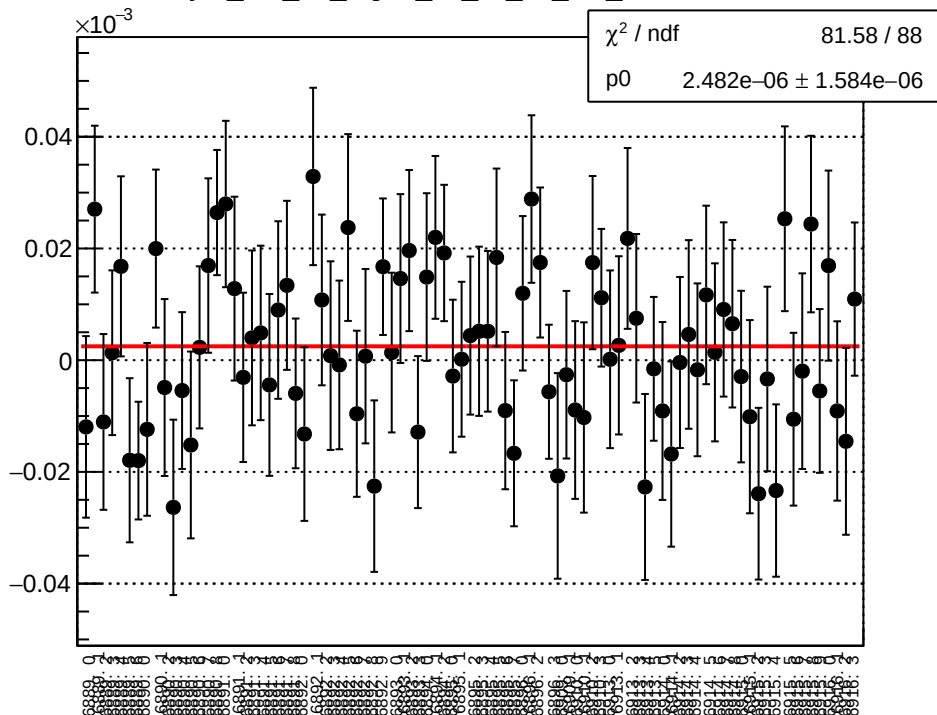
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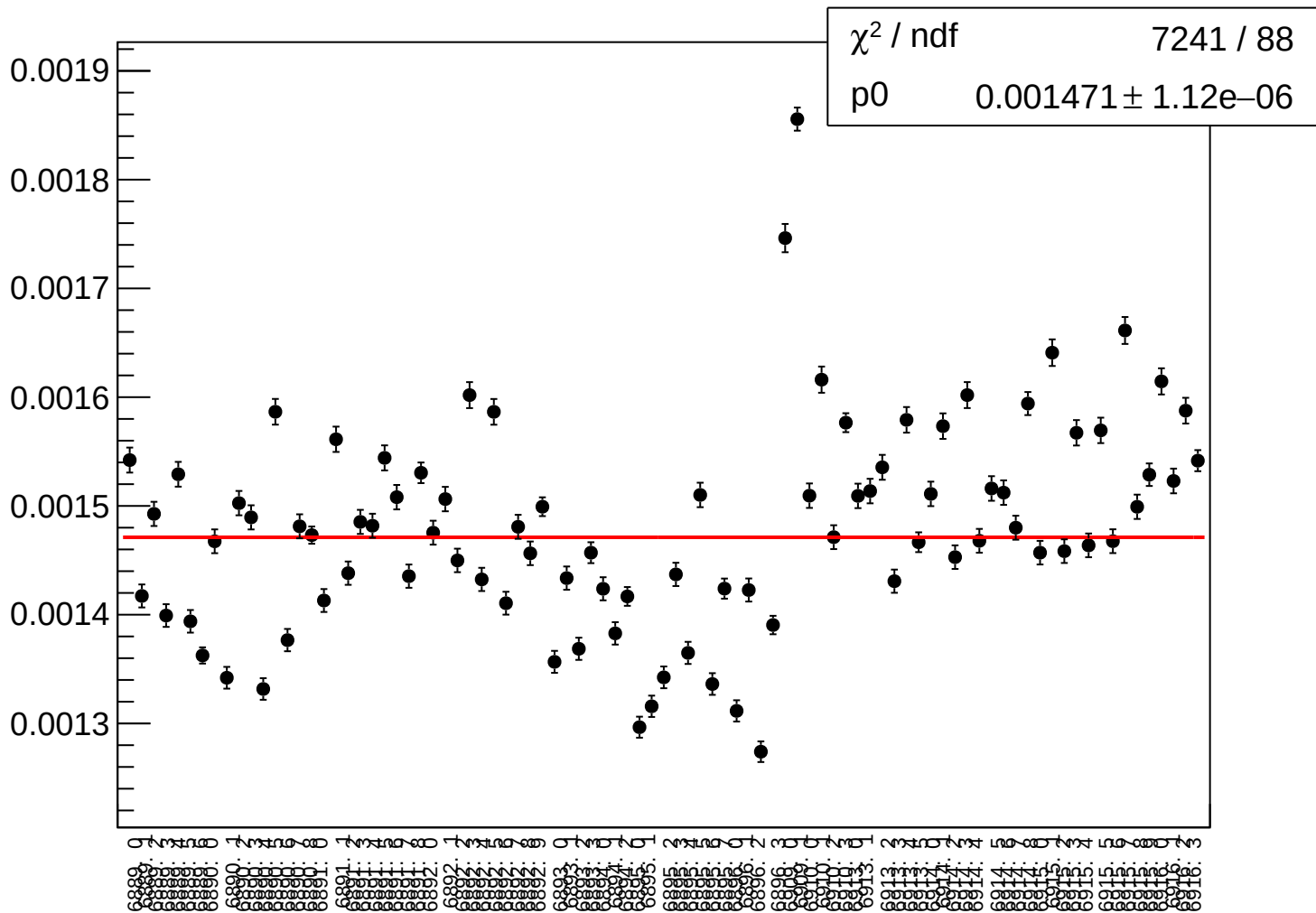
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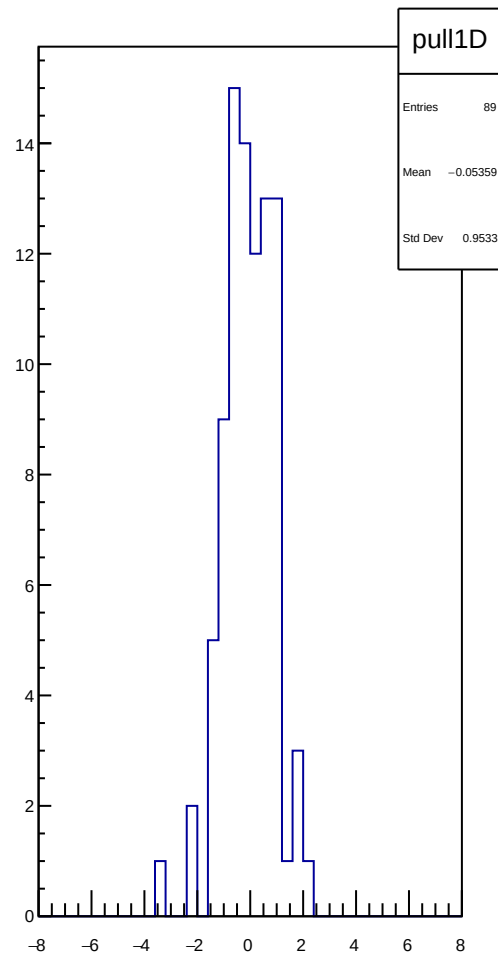
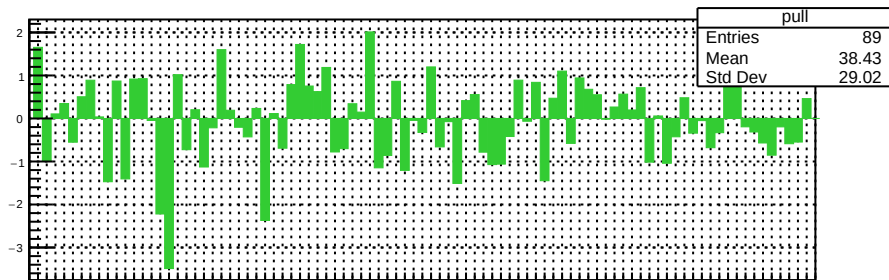
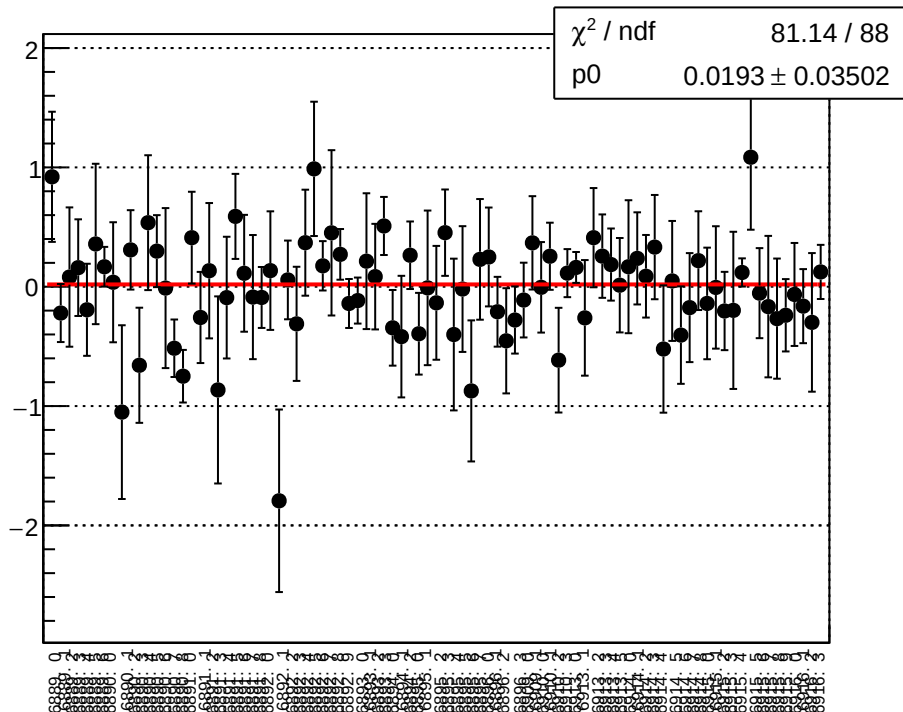
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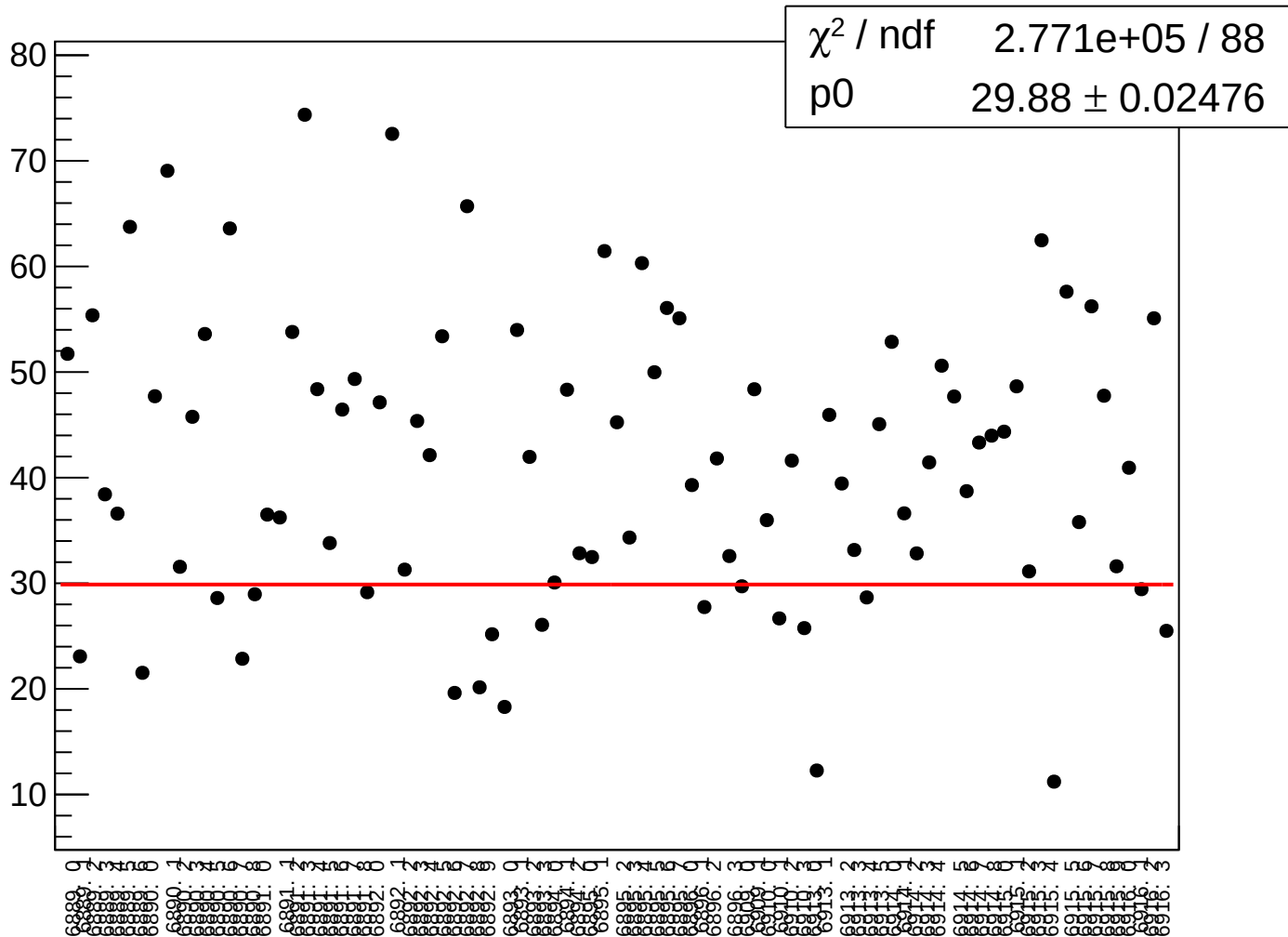
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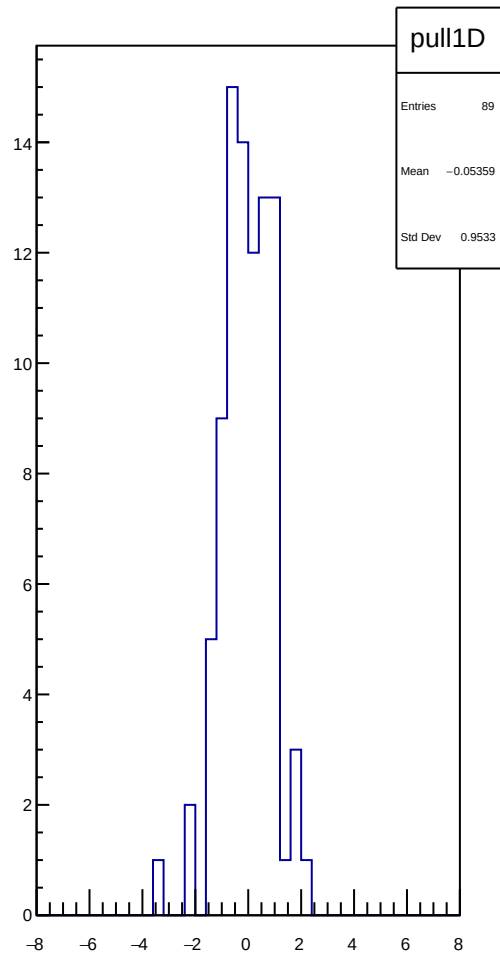
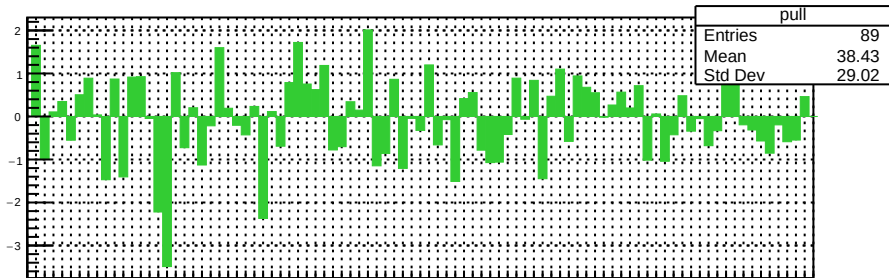
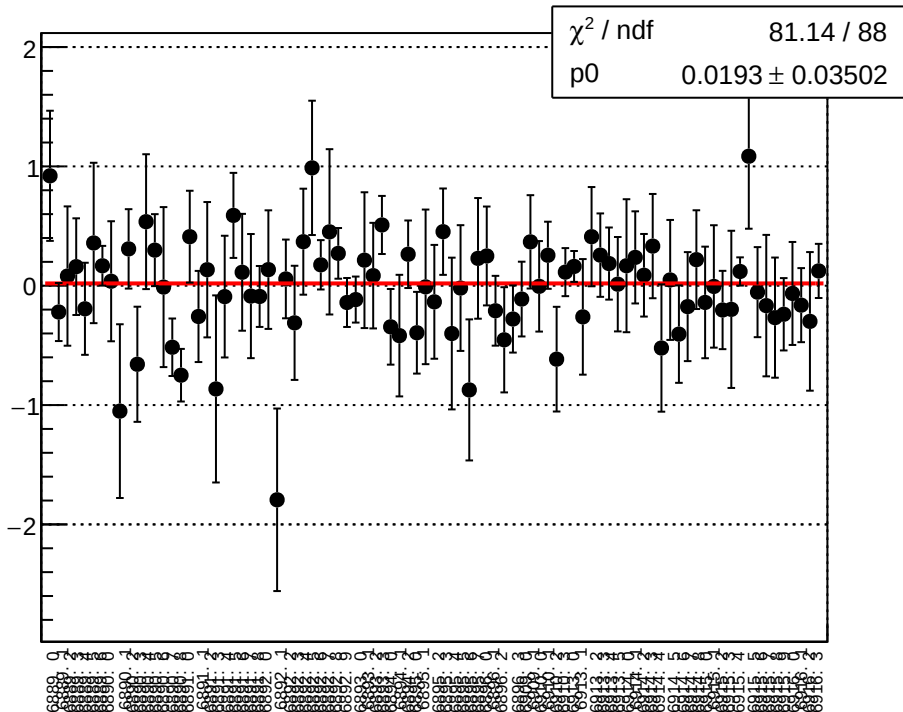
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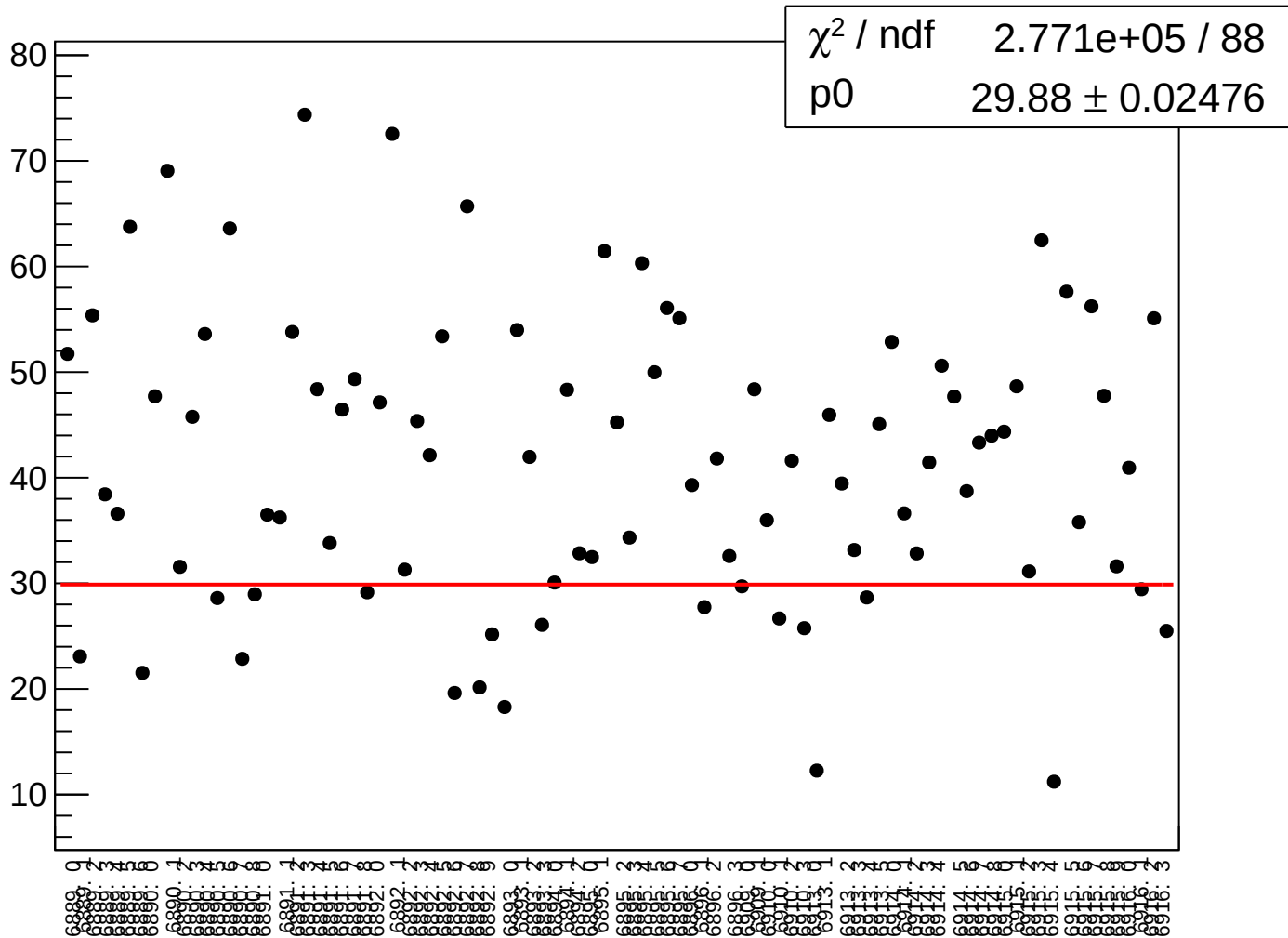
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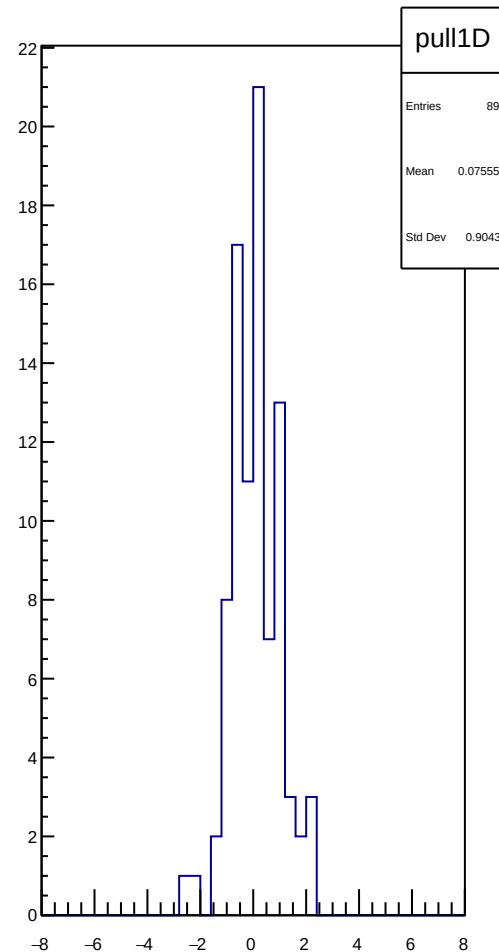
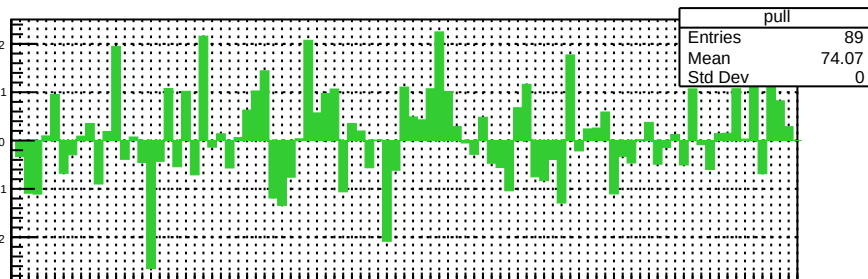
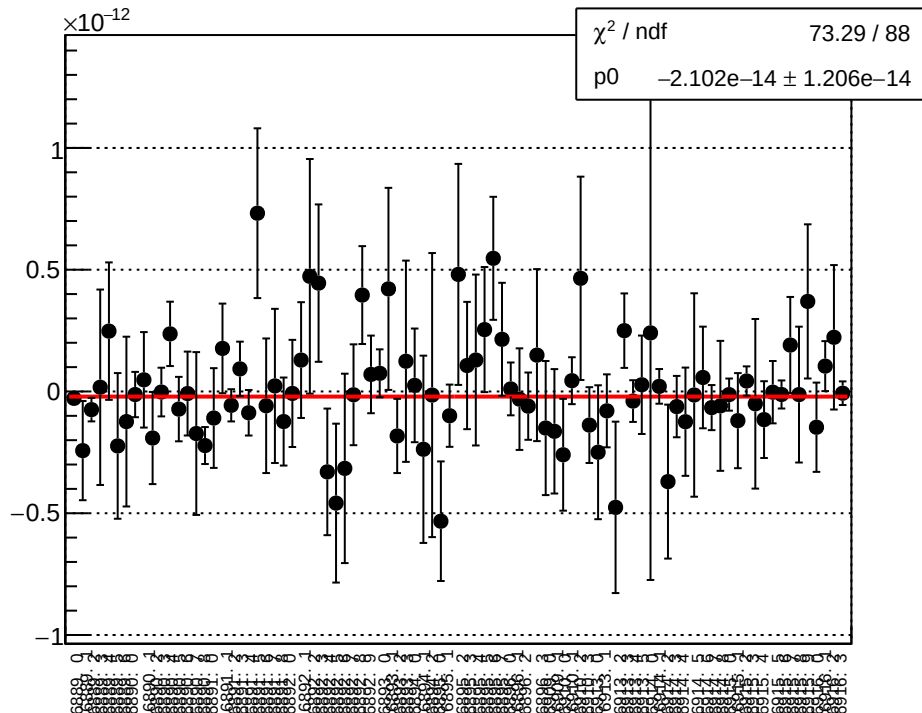
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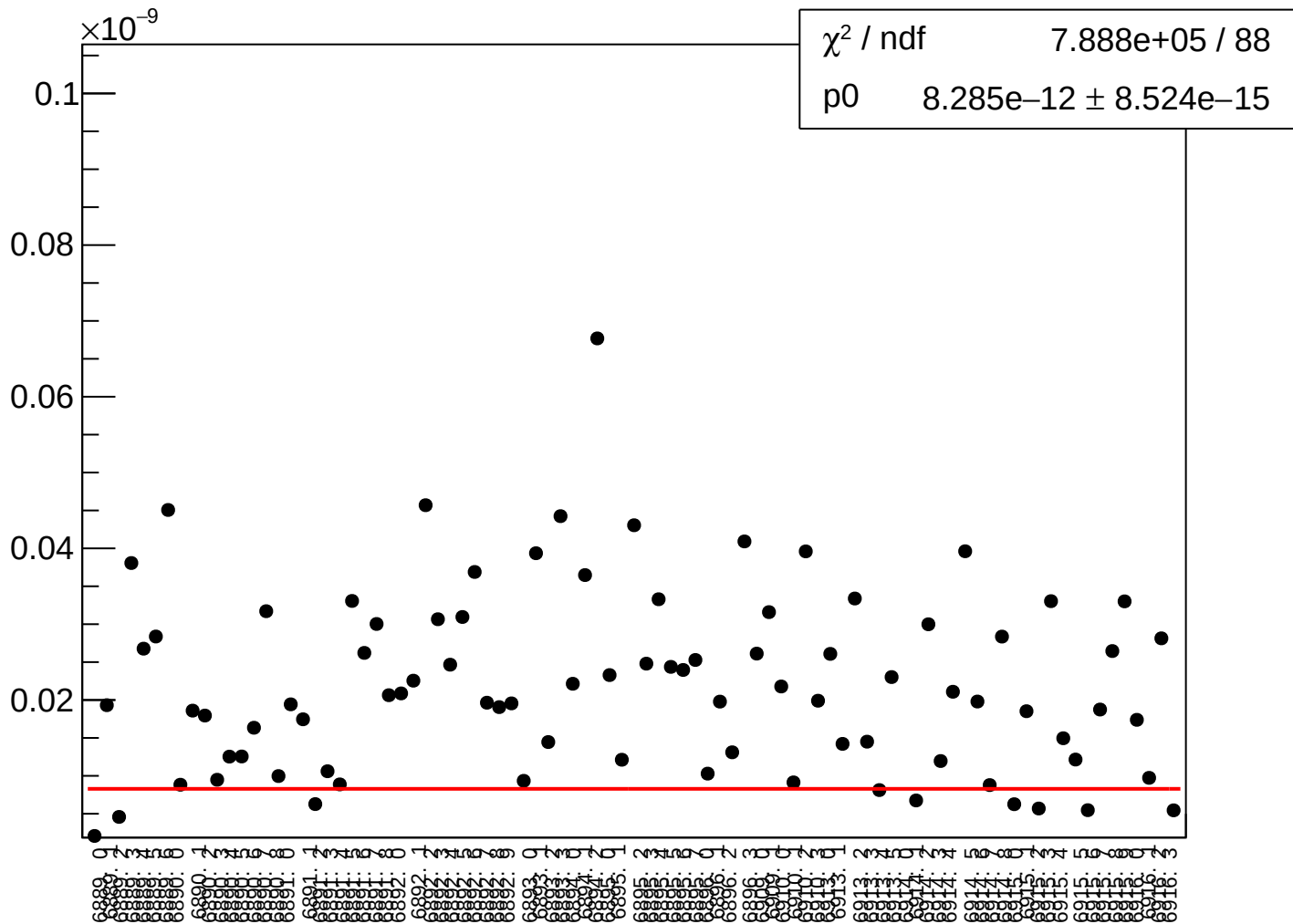
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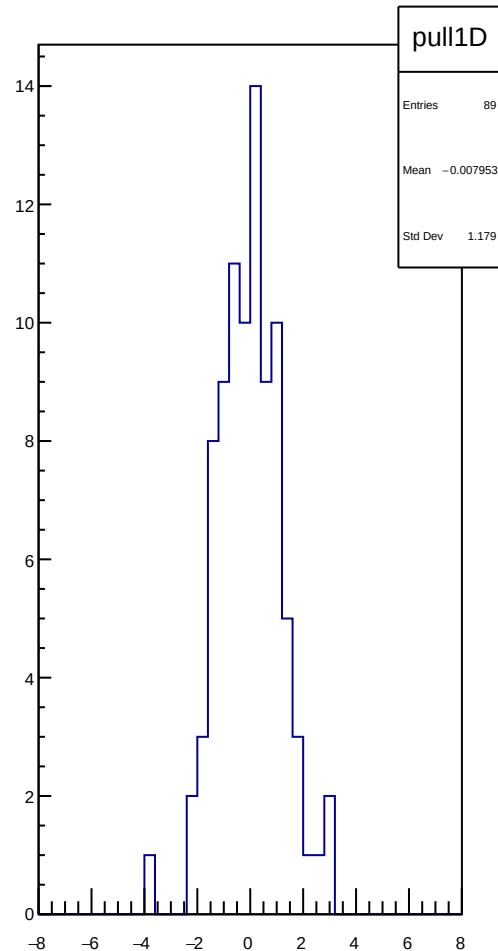
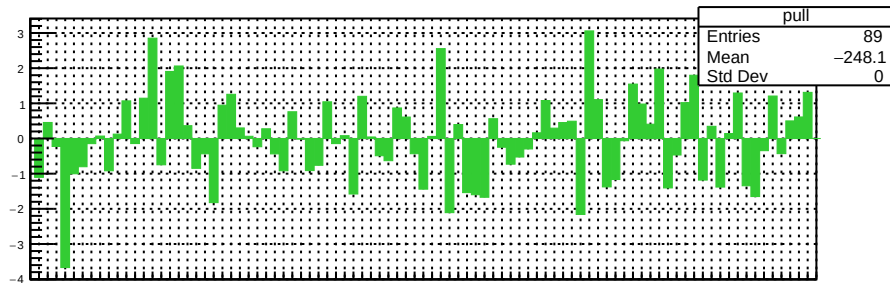
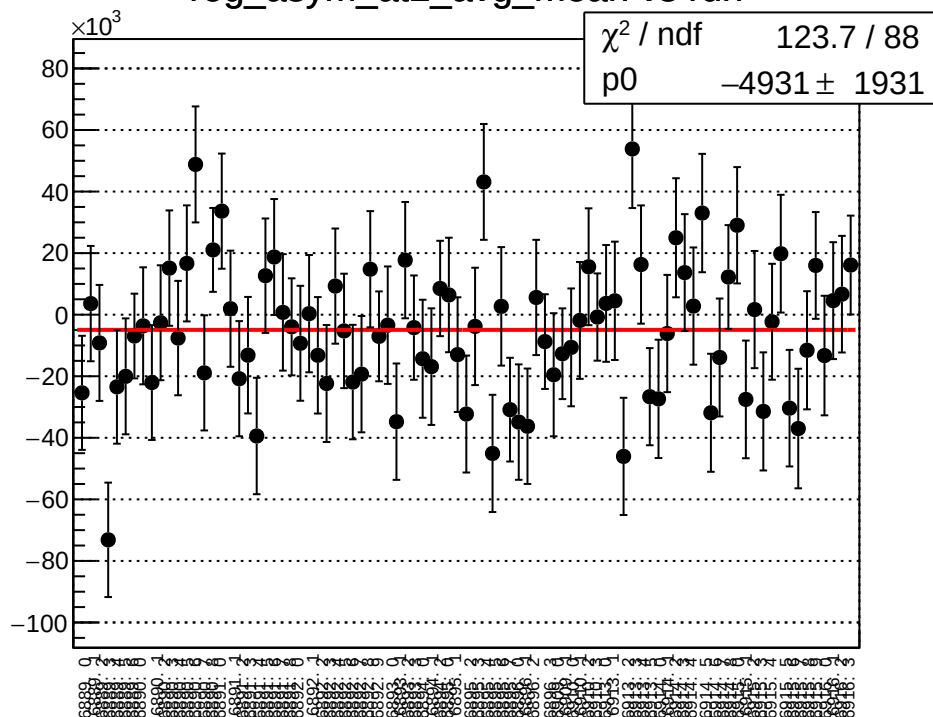
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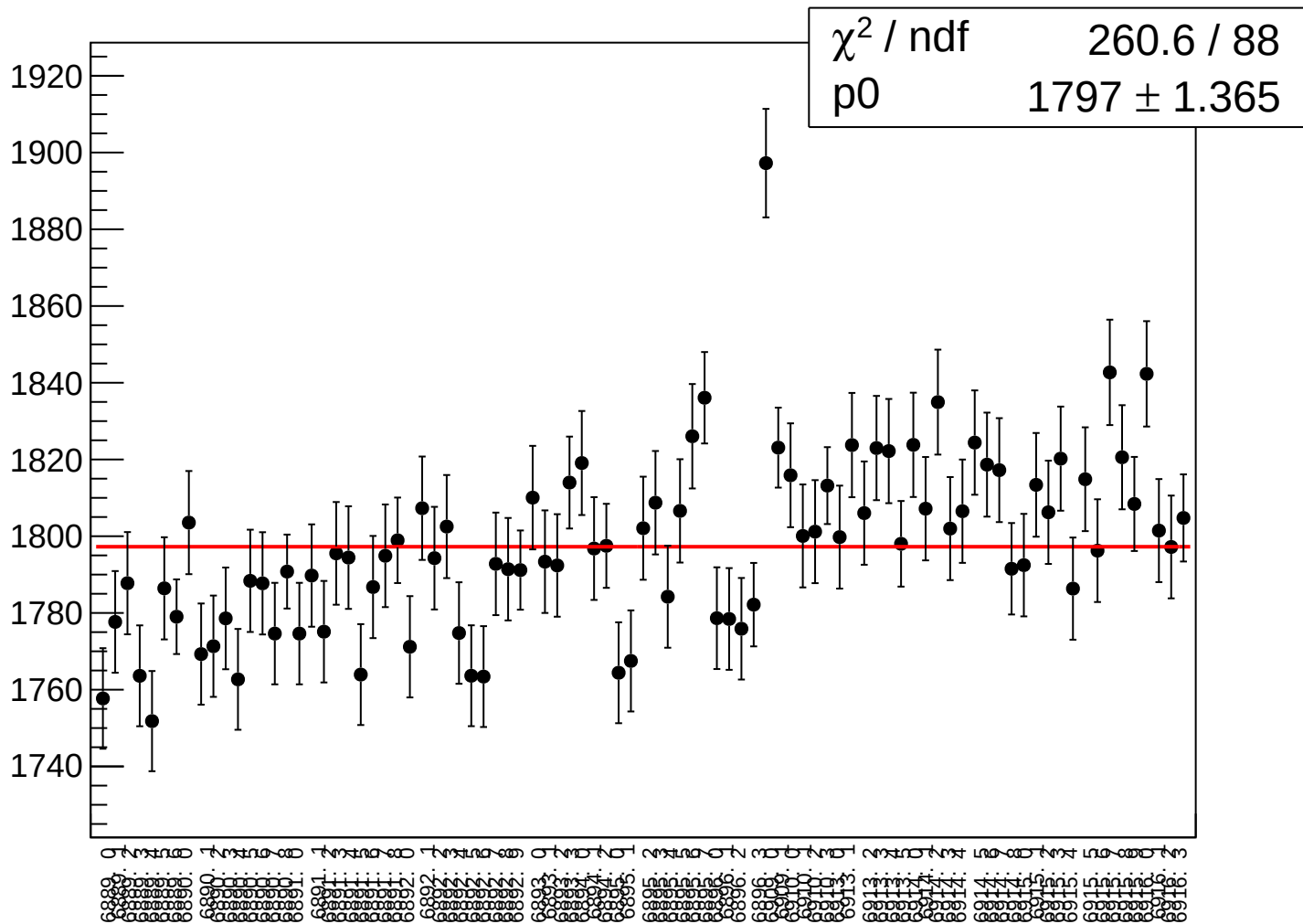
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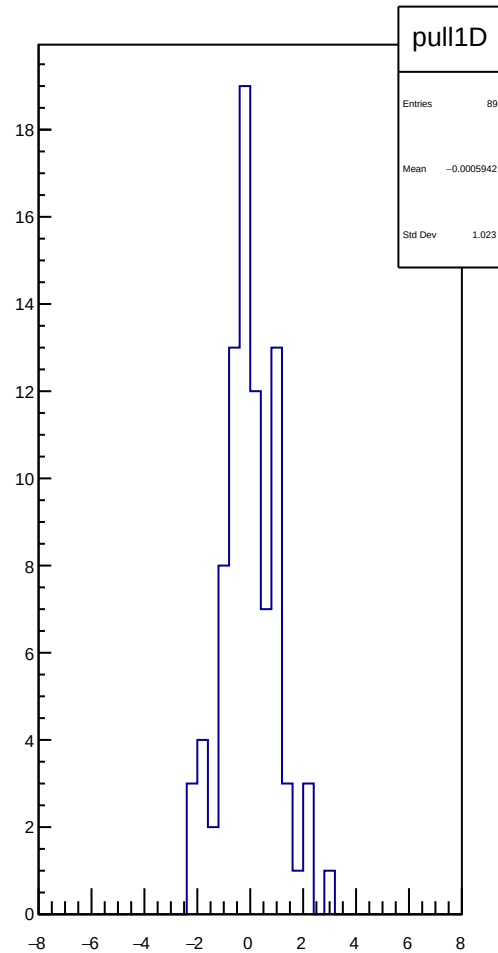
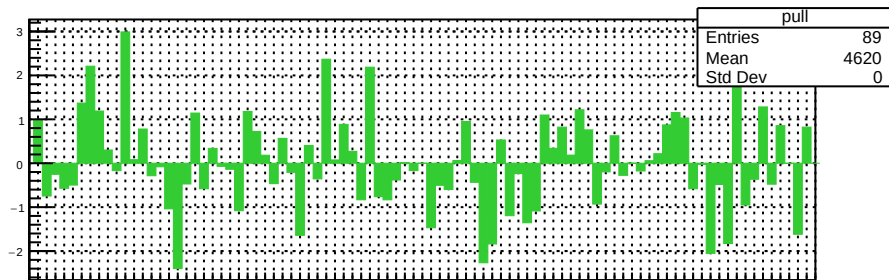
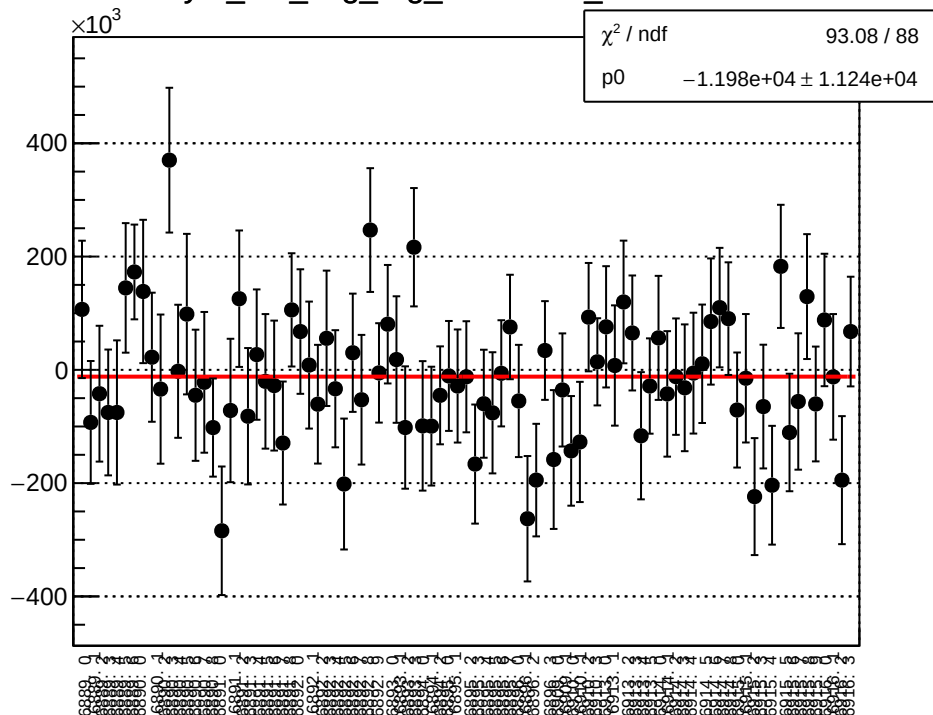
reg_asym_at2_avg_mean vs run



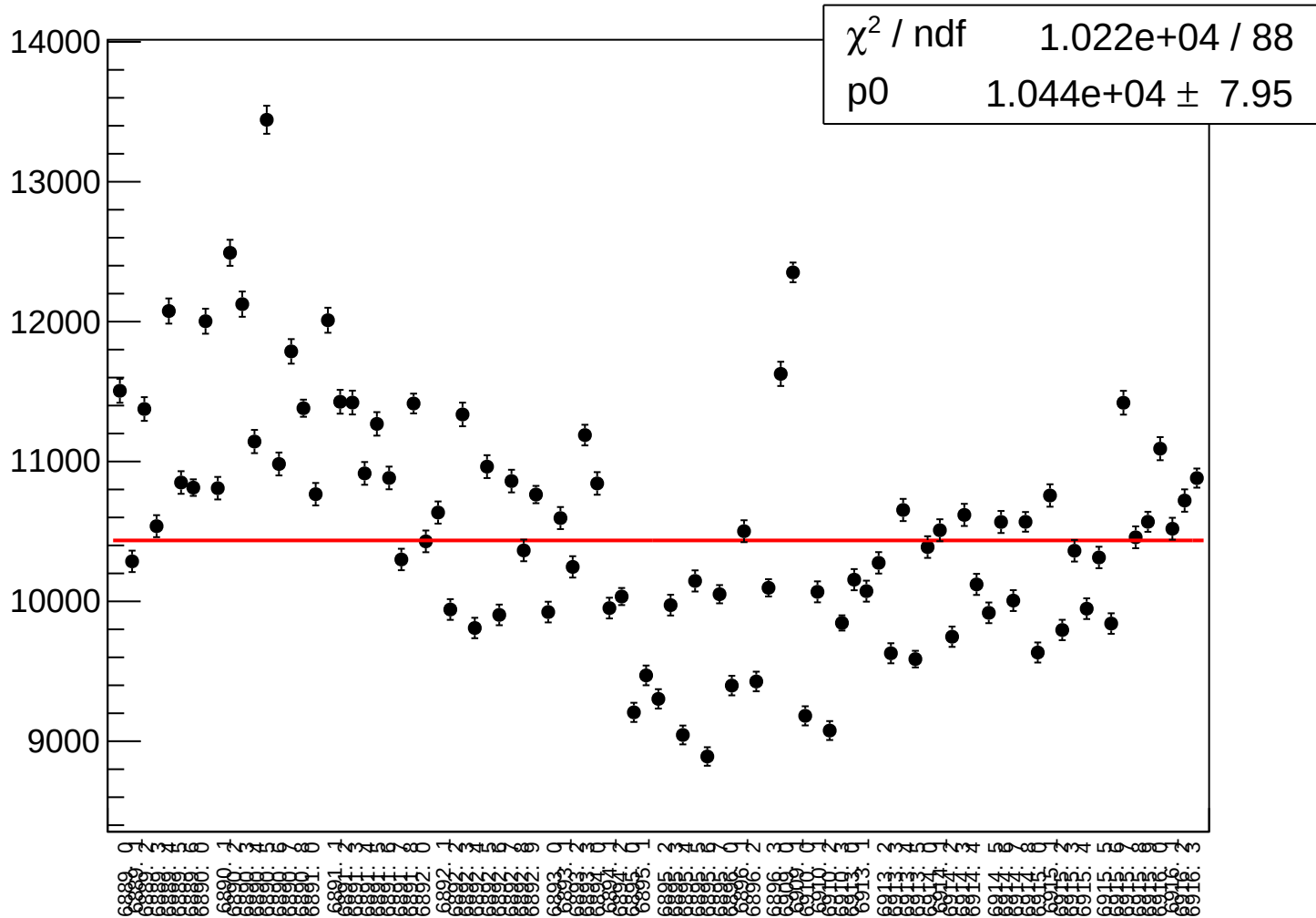
reg_asym_at2_avg_rms vs run



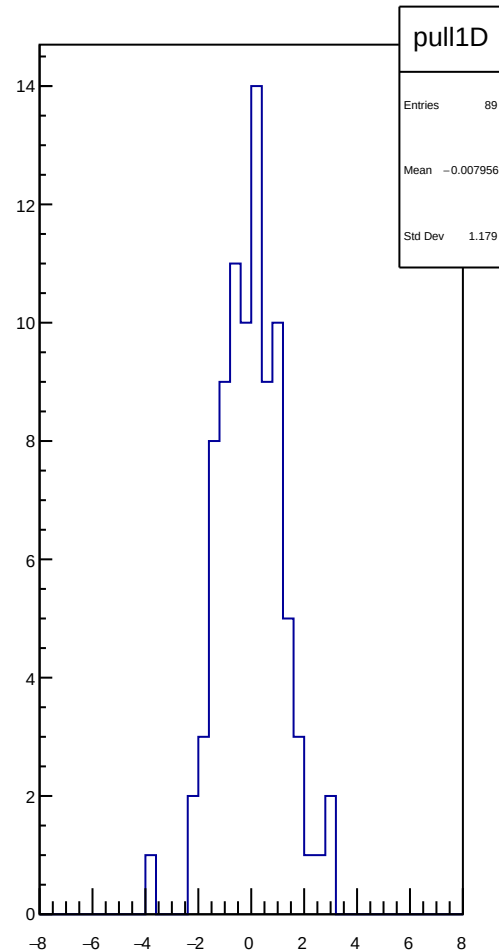
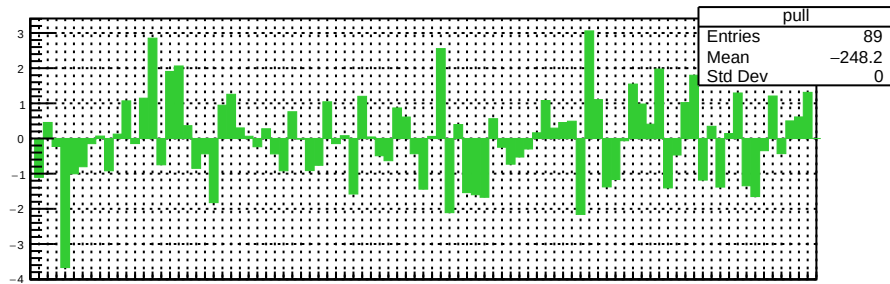
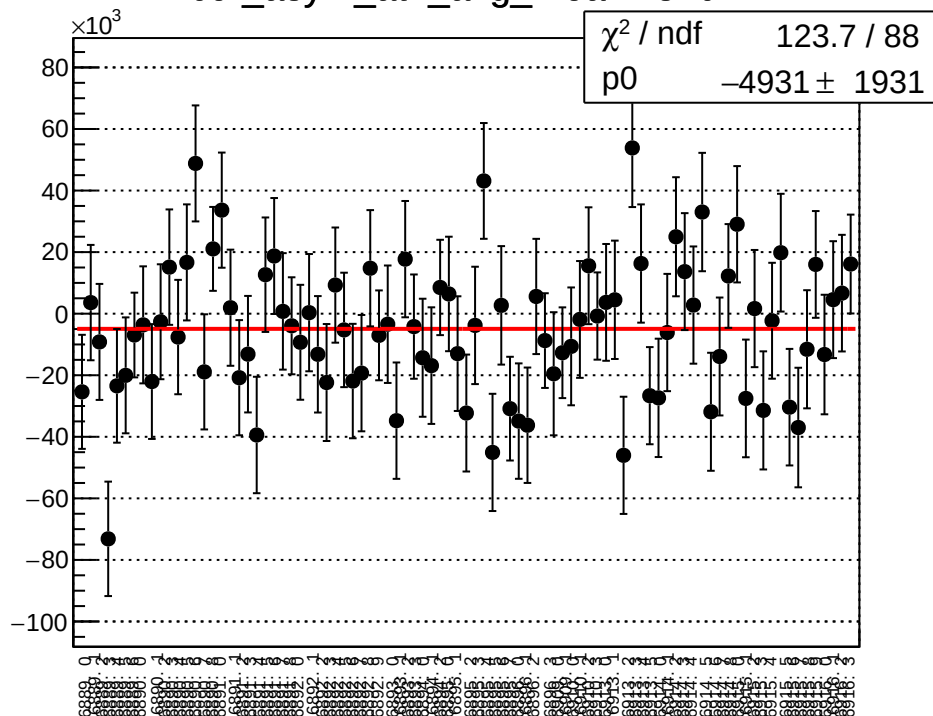
asym_at2_avg_reg_correction_mean vs run



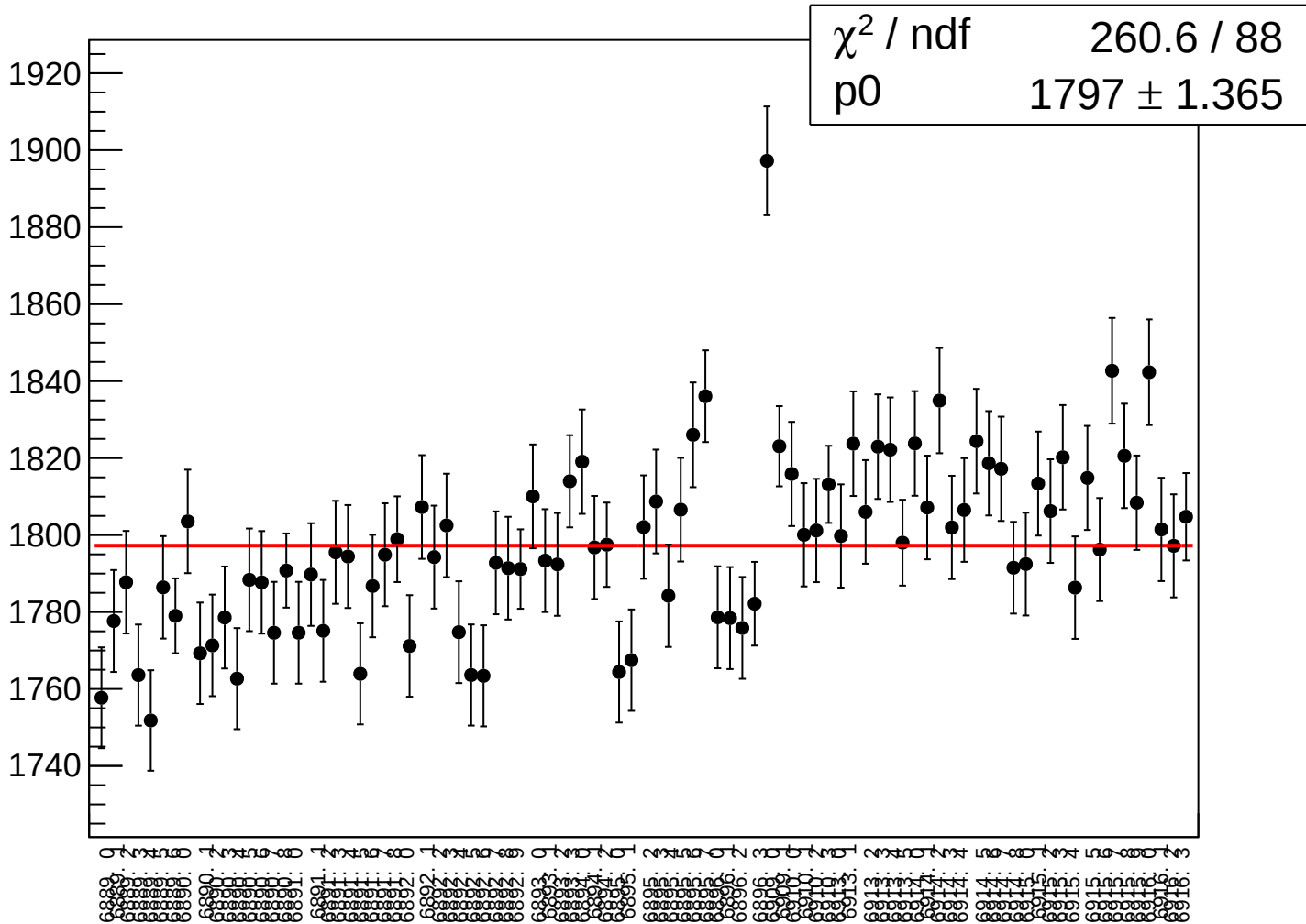
asym_at2_avg_reg_correction_rms vs run



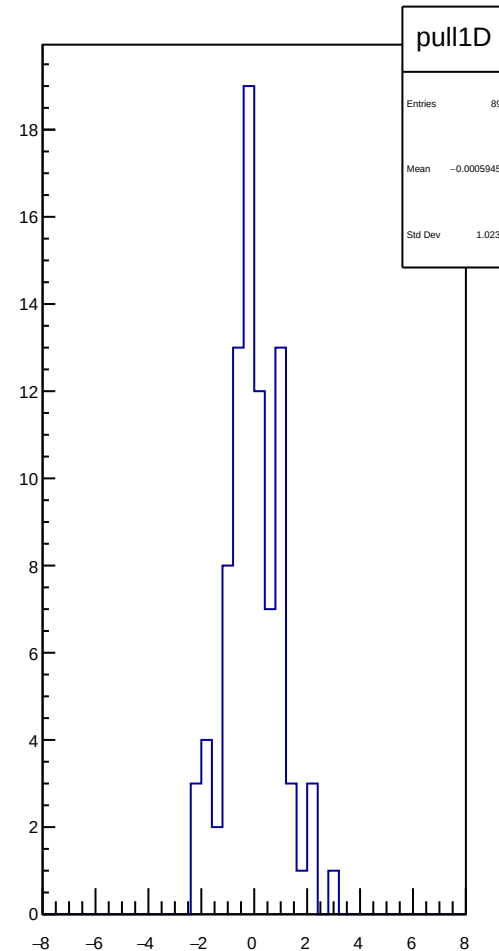
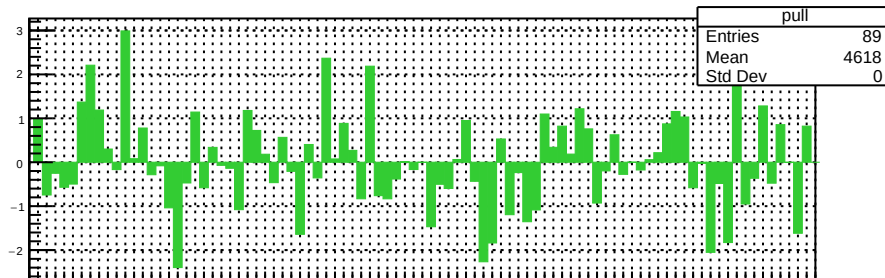
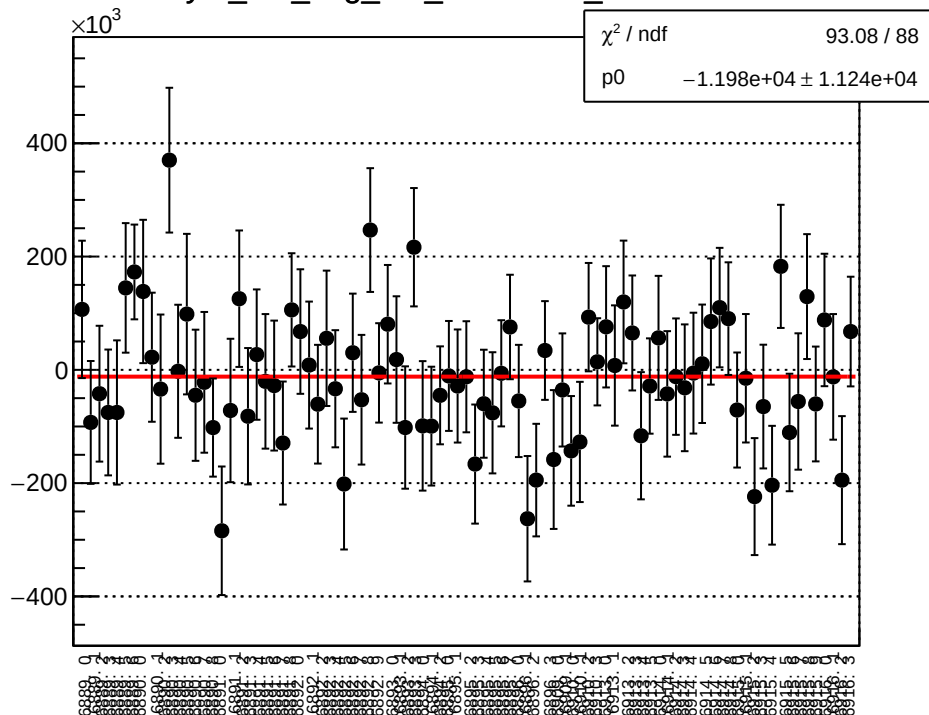
cor_asym_at2_avg_mean vs run



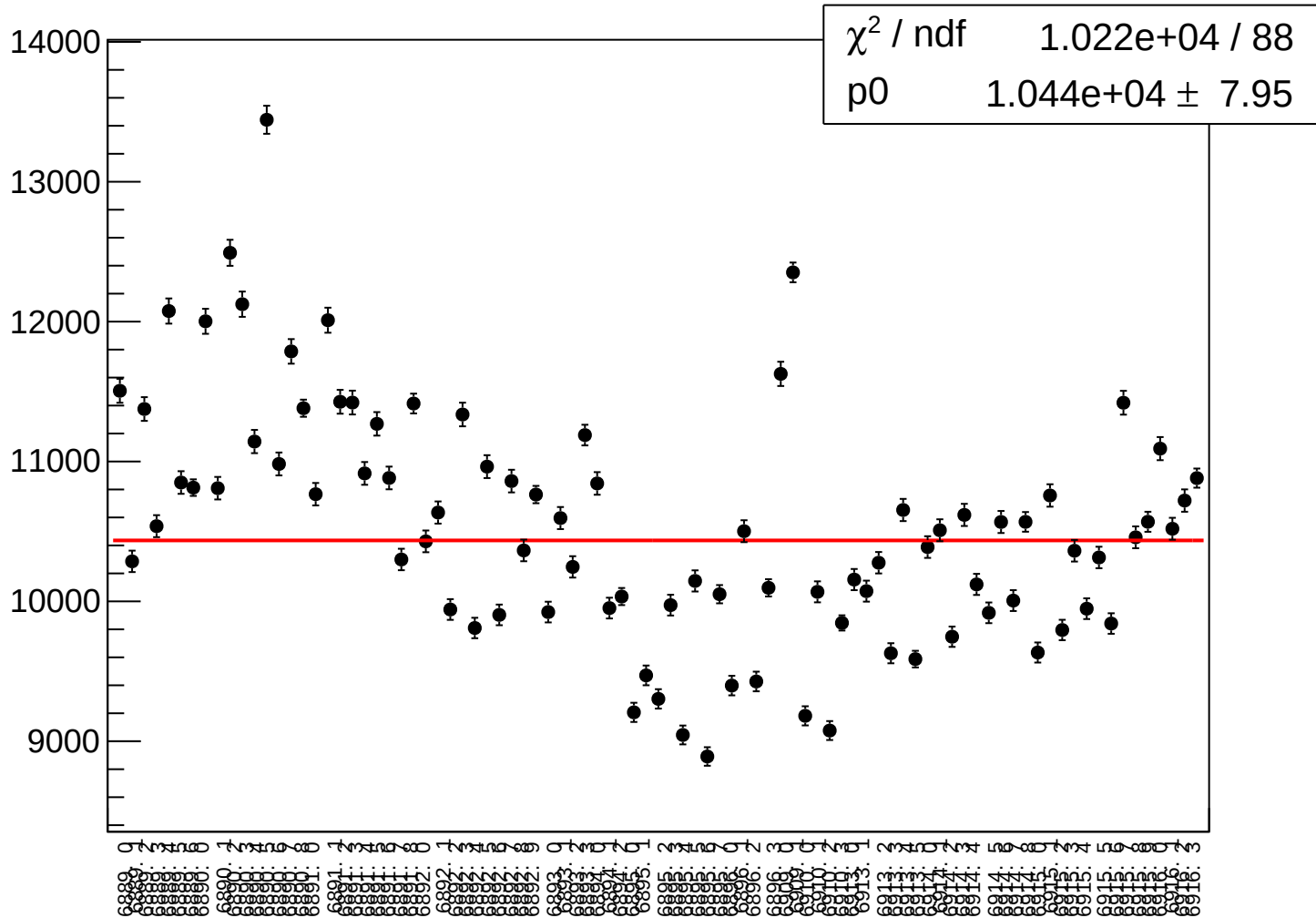
cor_asym_at2_avg_rms vs run



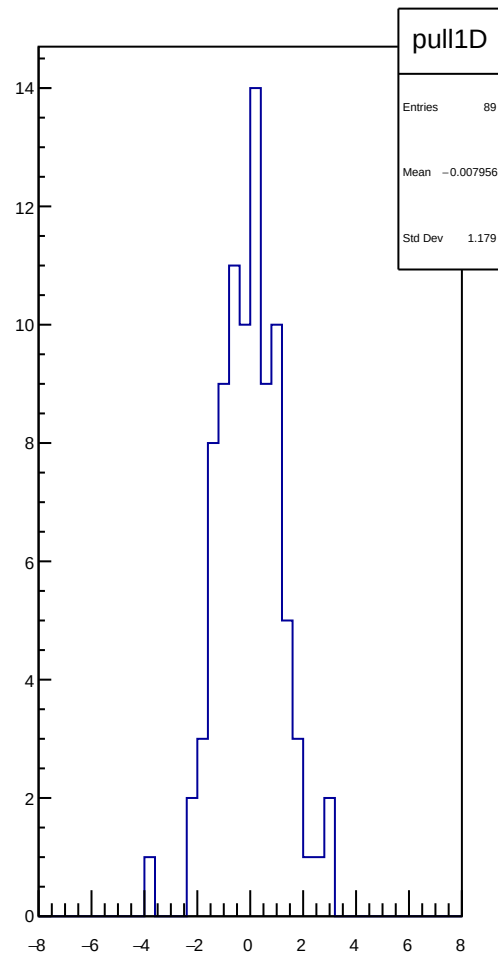
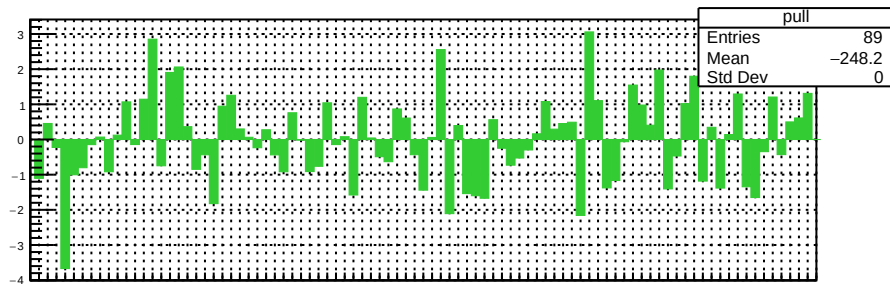
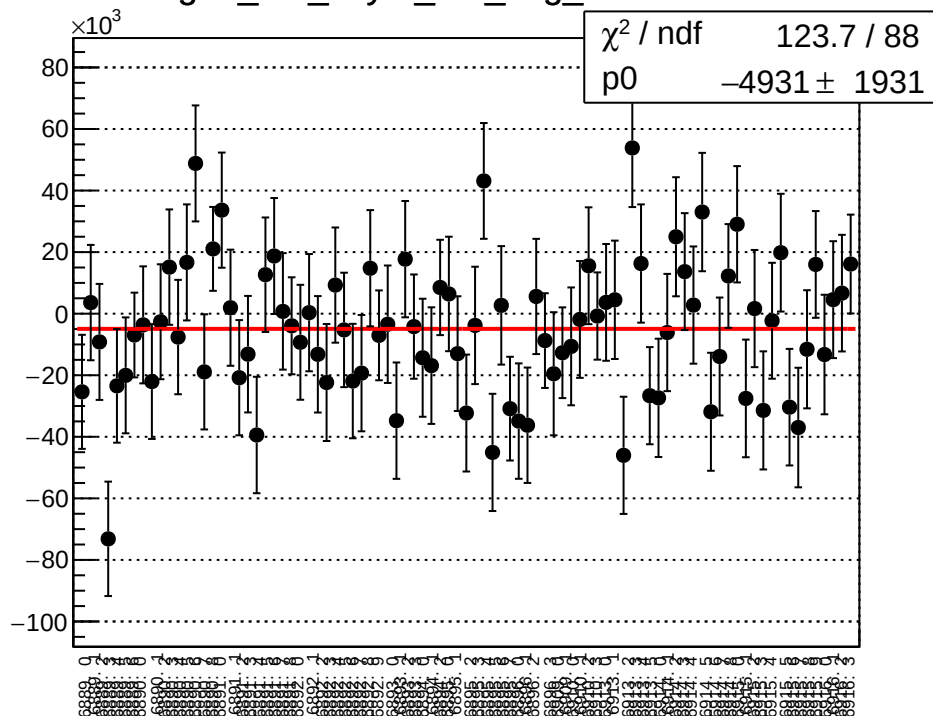
asym_at2_avg_cor_correction_mean vs run



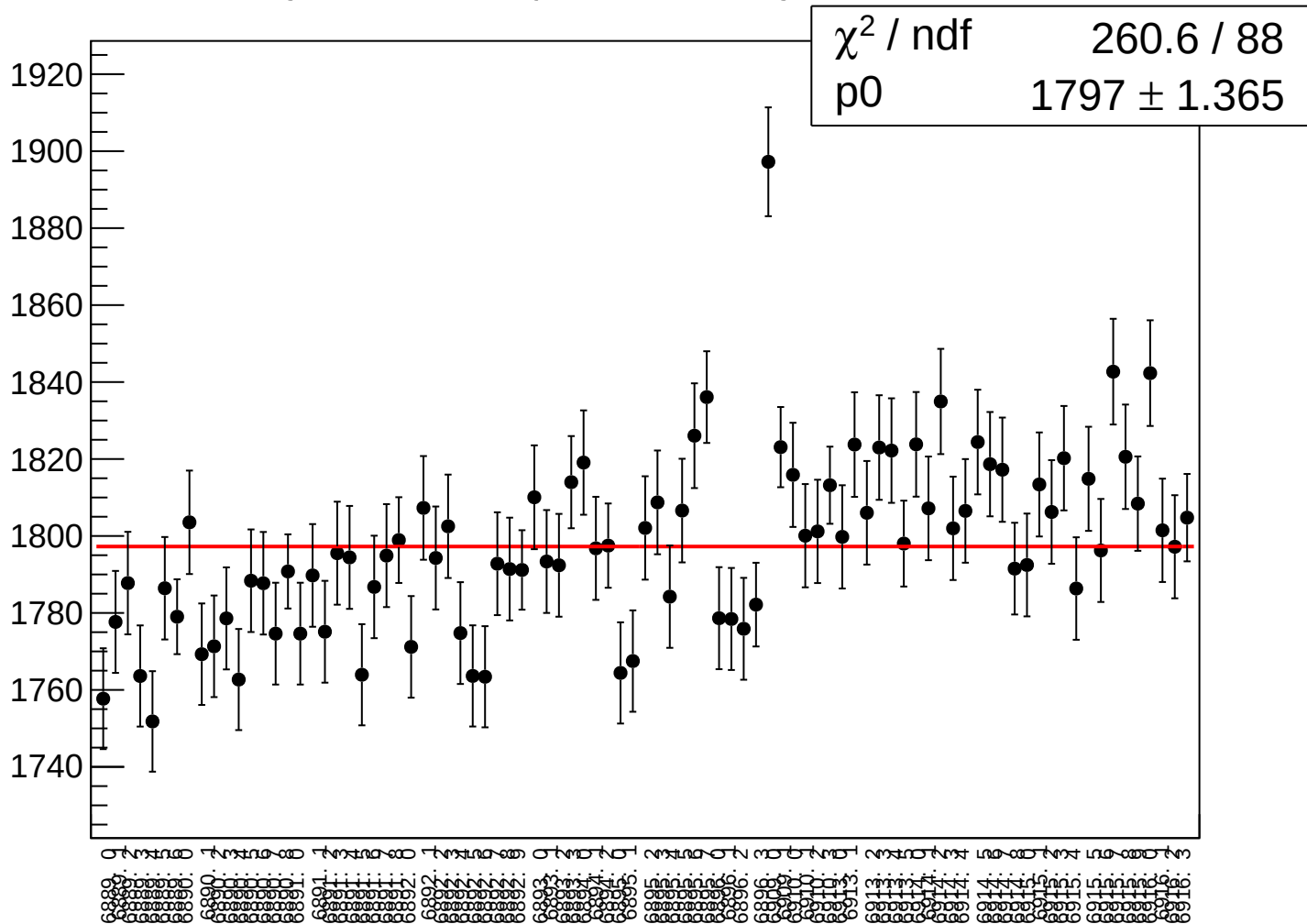
asym_at2_avg_cor_correction_rms vs run



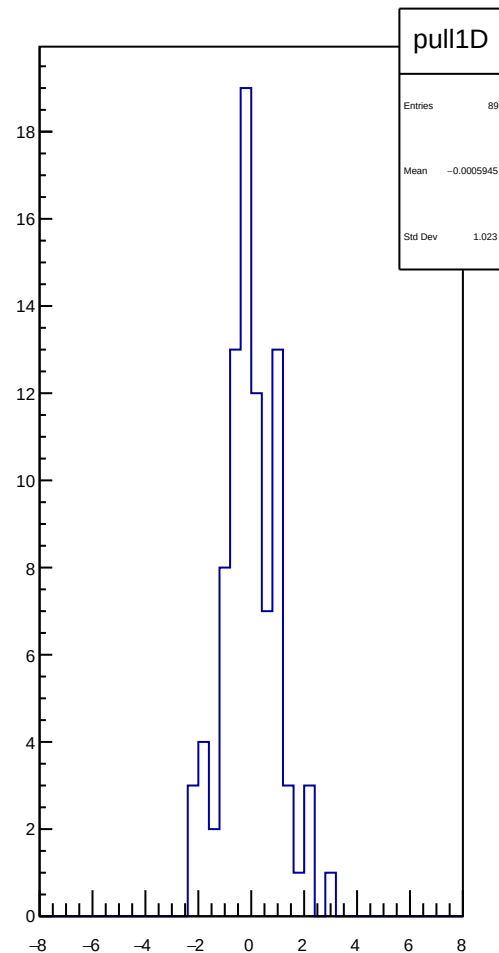
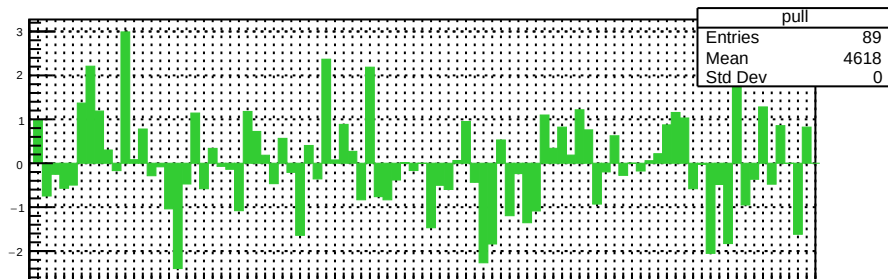
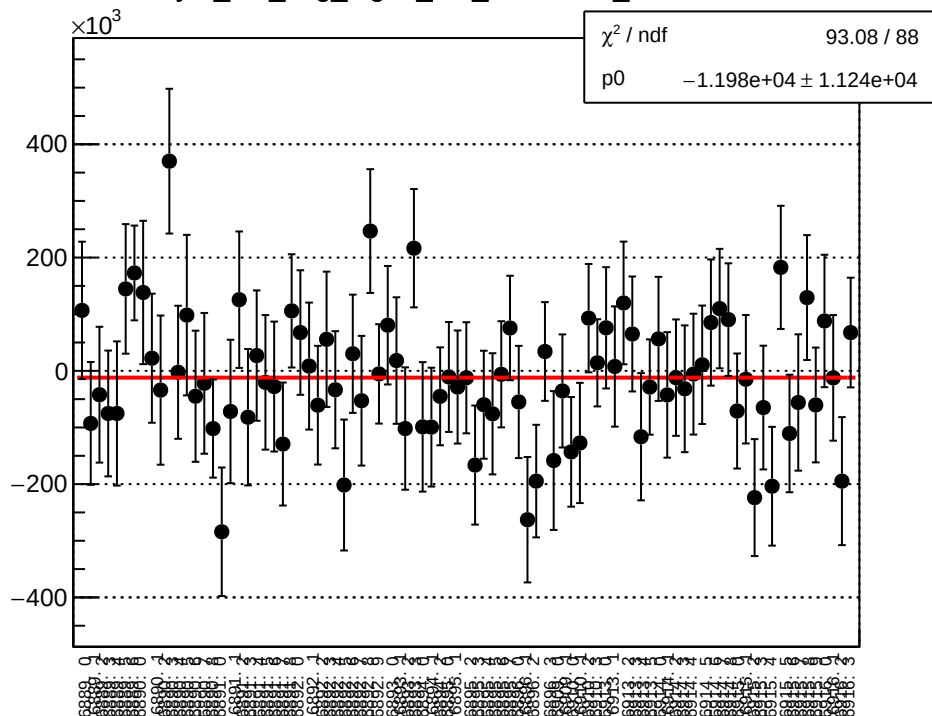
eigen_cor_asym_at2_avg_mean vs run



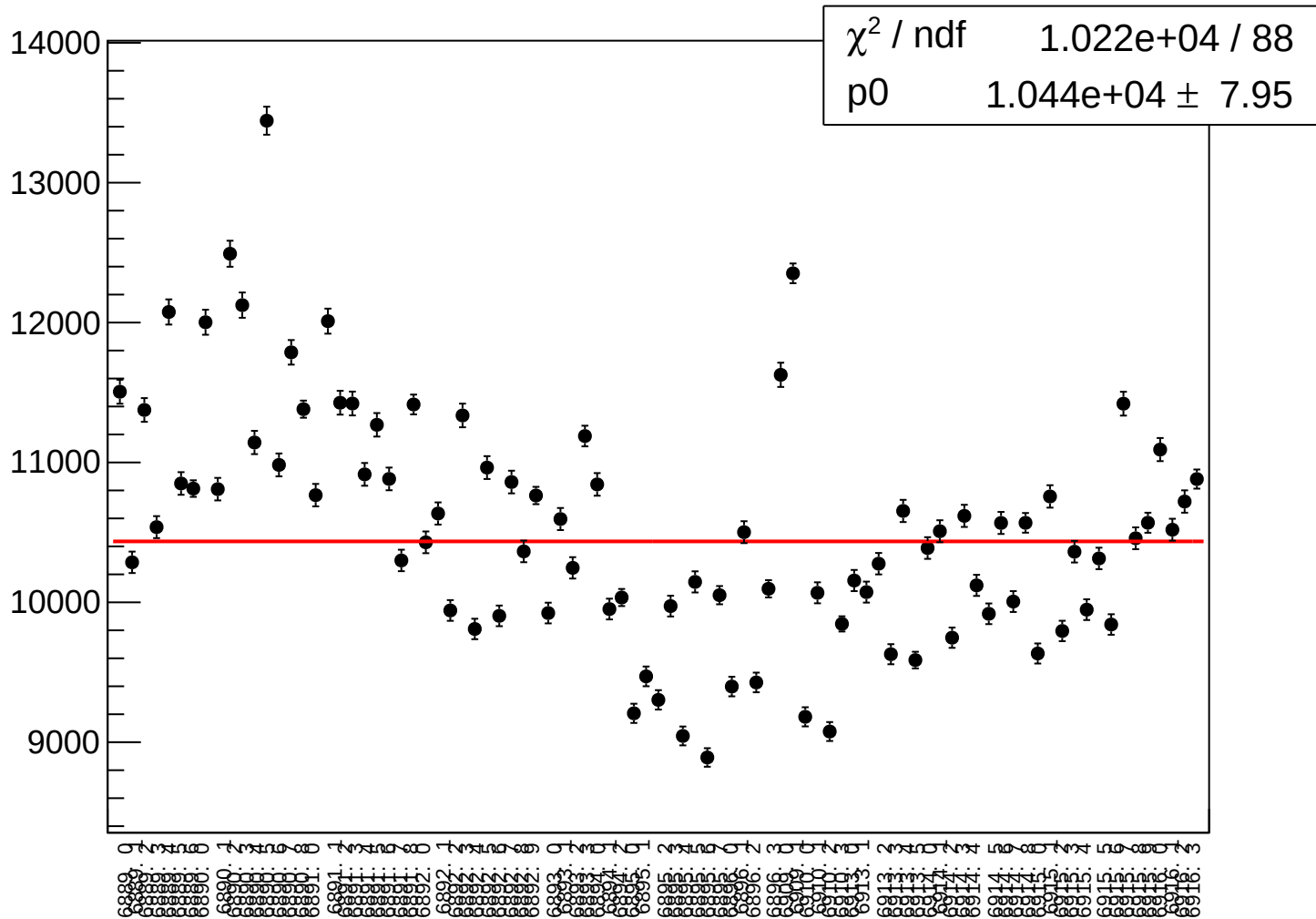
eigen_cor_asym_at2_avg_rms vs run



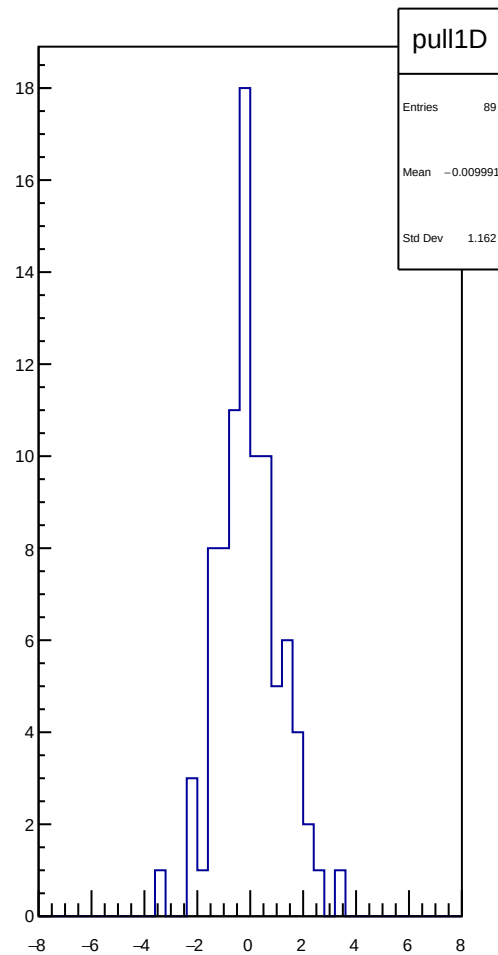
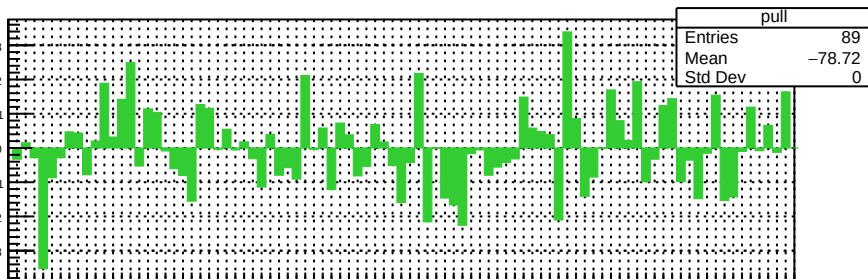
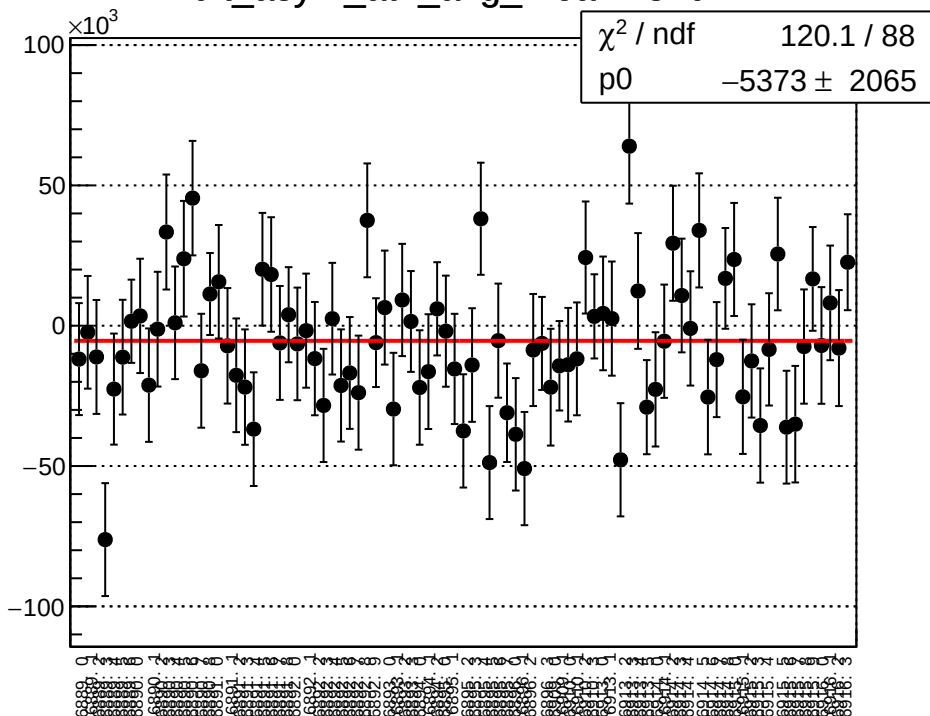
asym_at2_avg_eigen_cor_correction_mean vs run



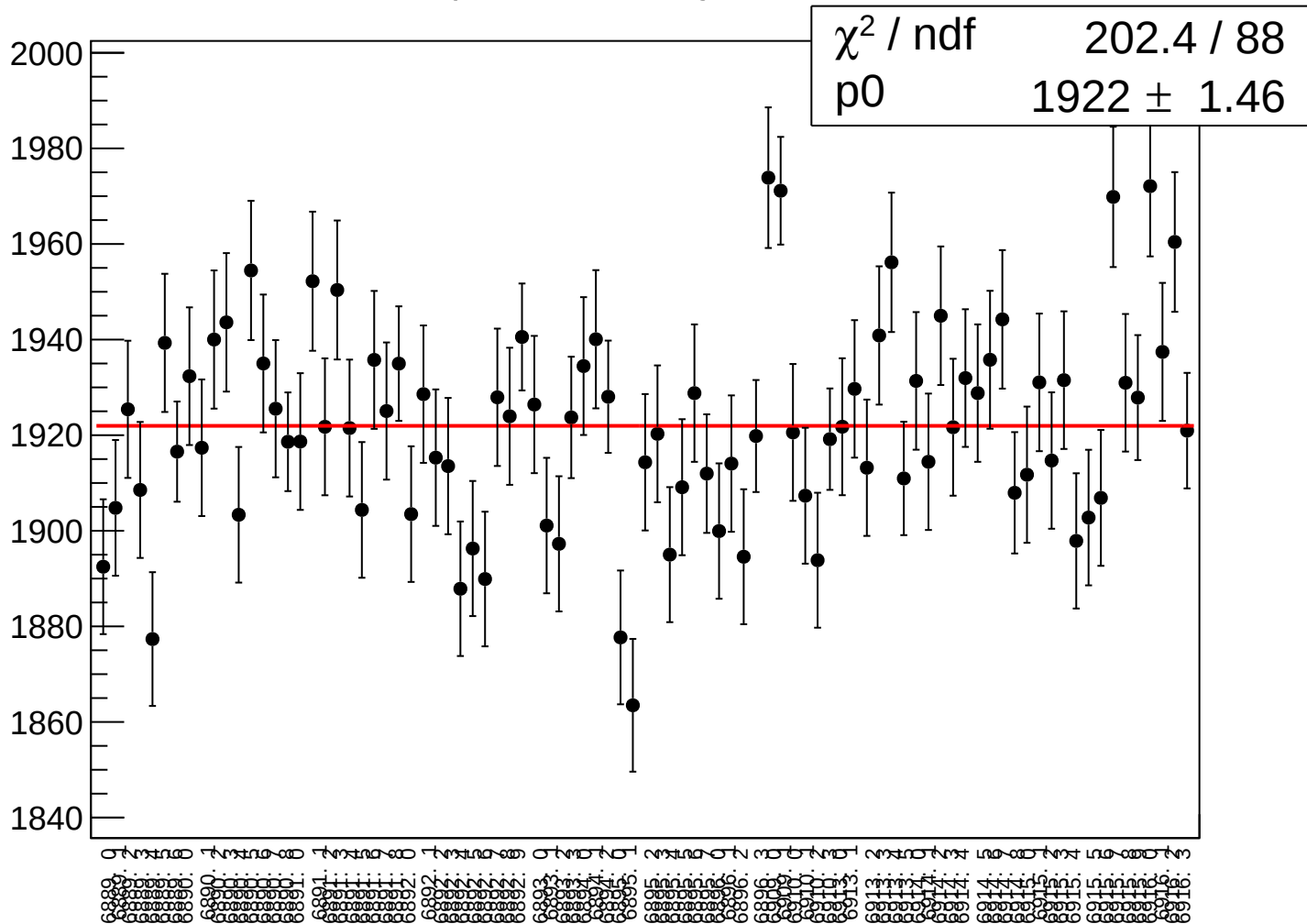
asym_at2_avg_eigen_cor_correction_rms vs run



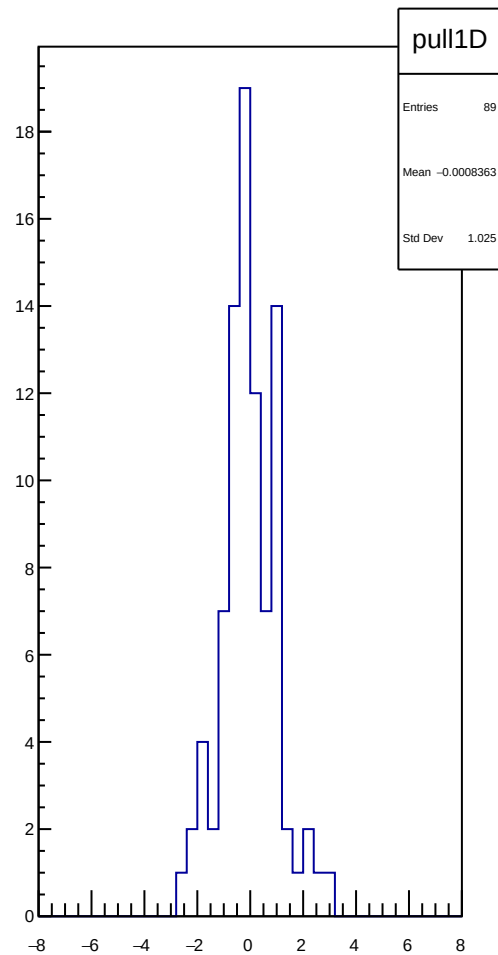
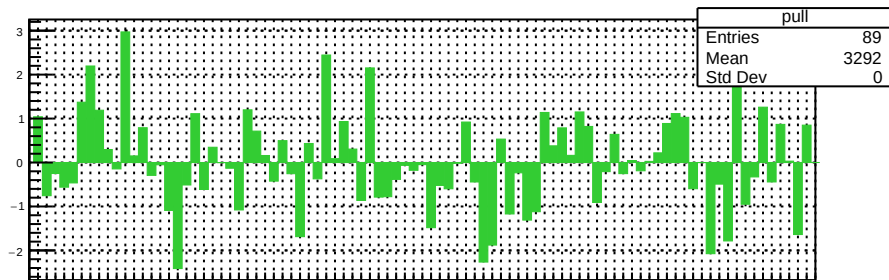
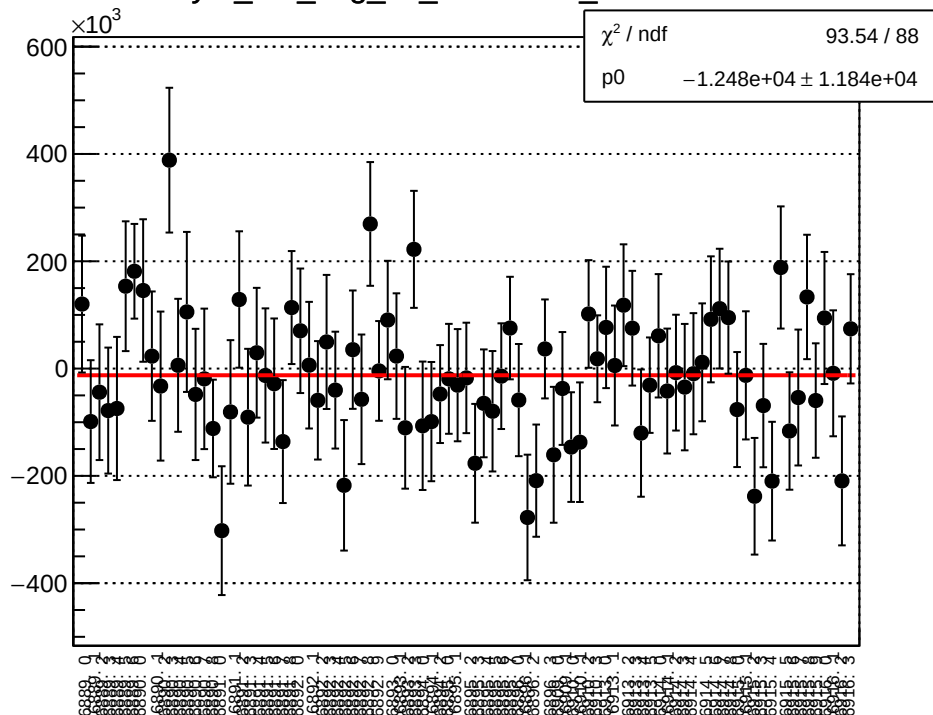
dit_asym_at2_avg_mean vs run



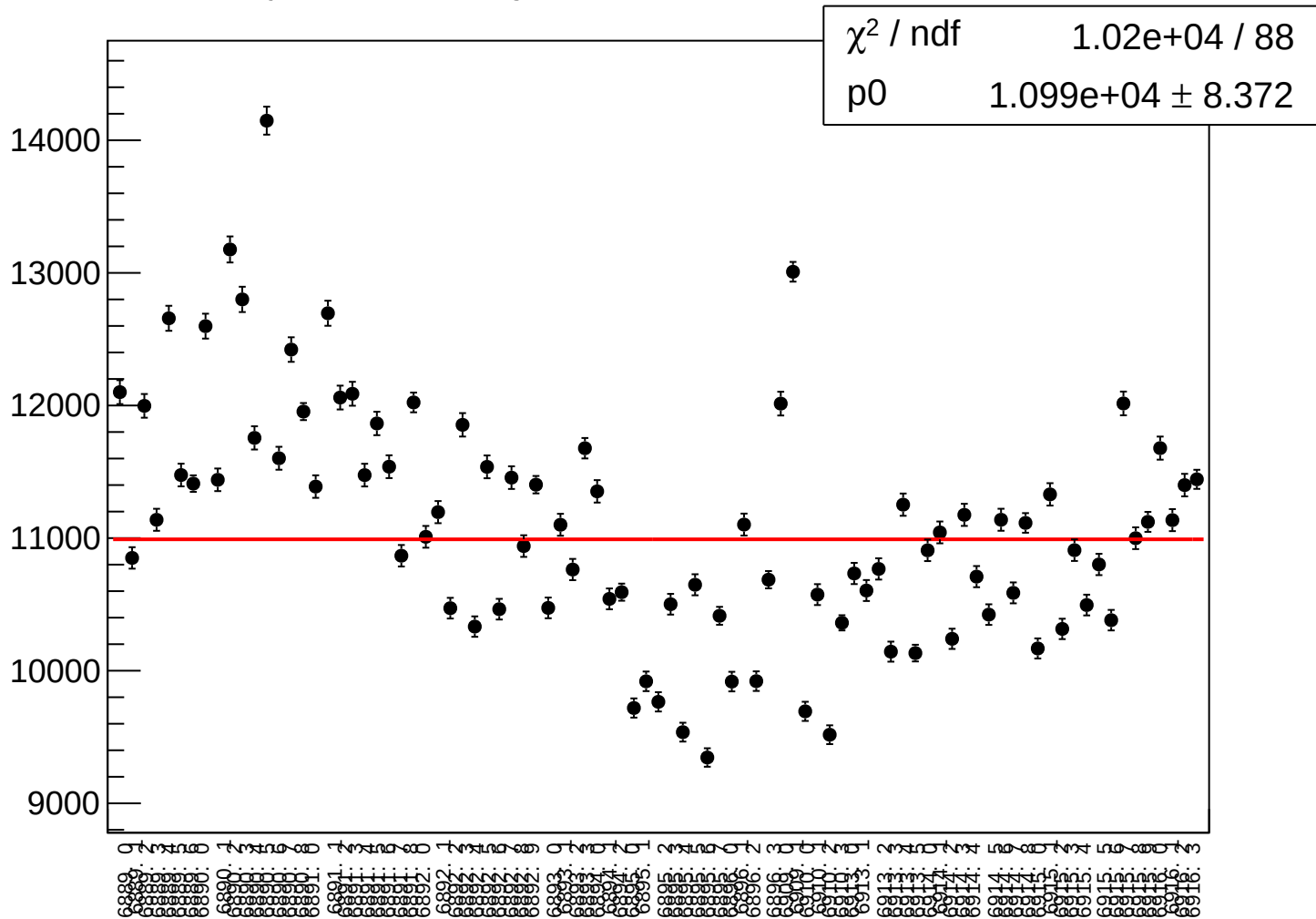
dit_asym_at2_avg_rms vs run



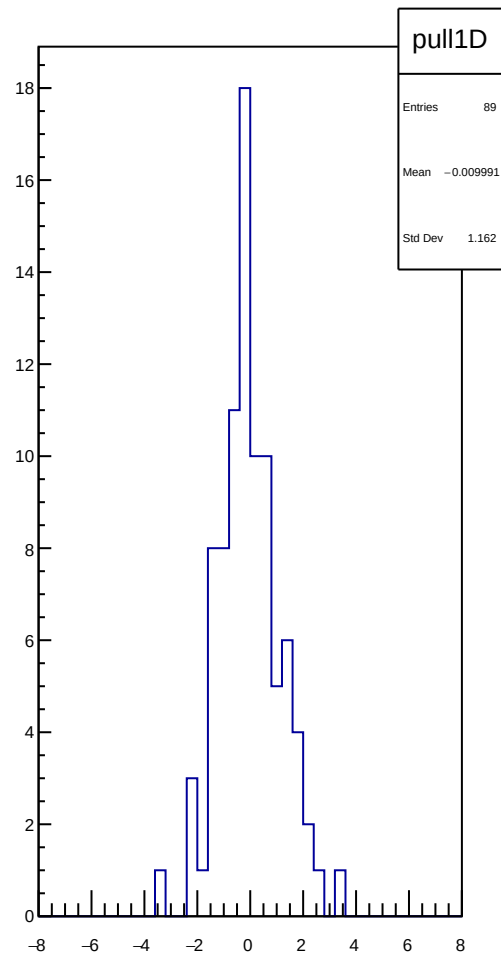
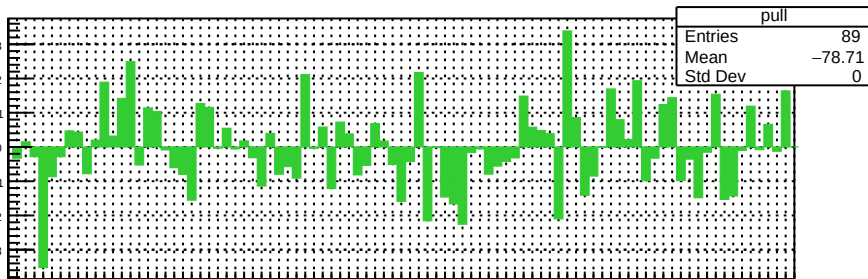
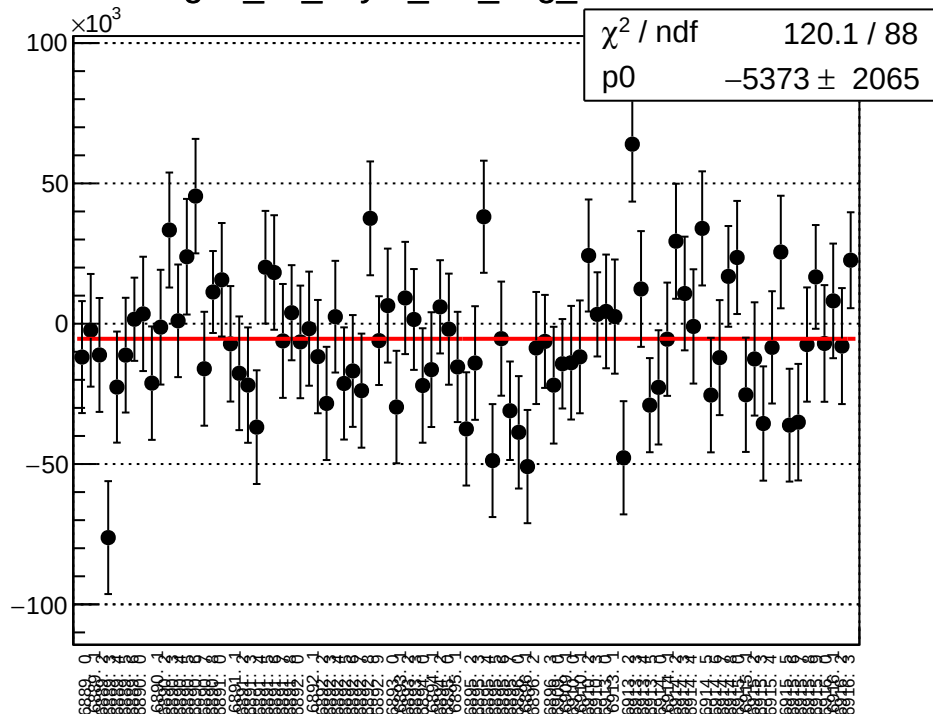
asym_at2_avg_dit_correction_mean vs run



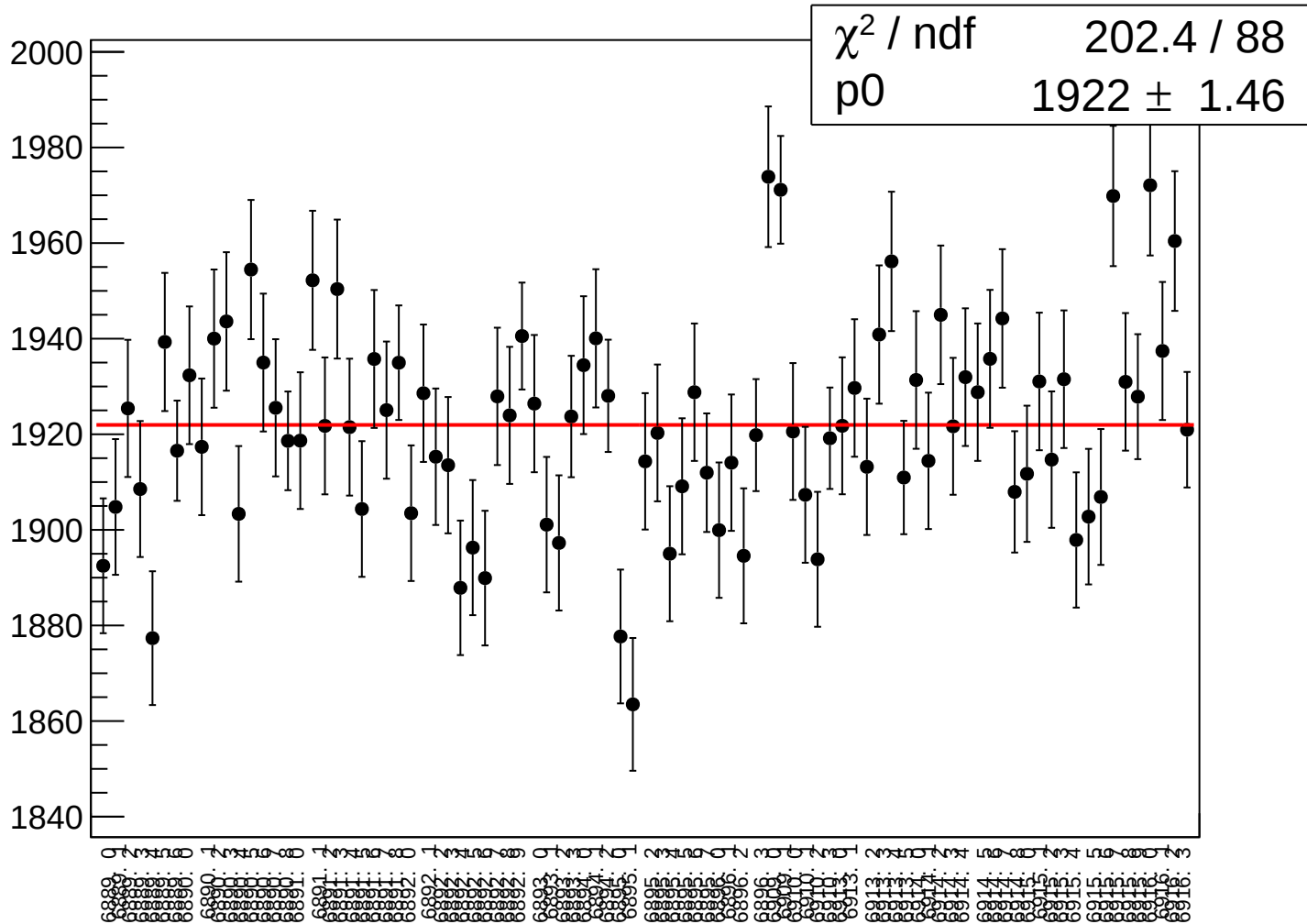
asym_at2_avg_dit_correction_rms vs run



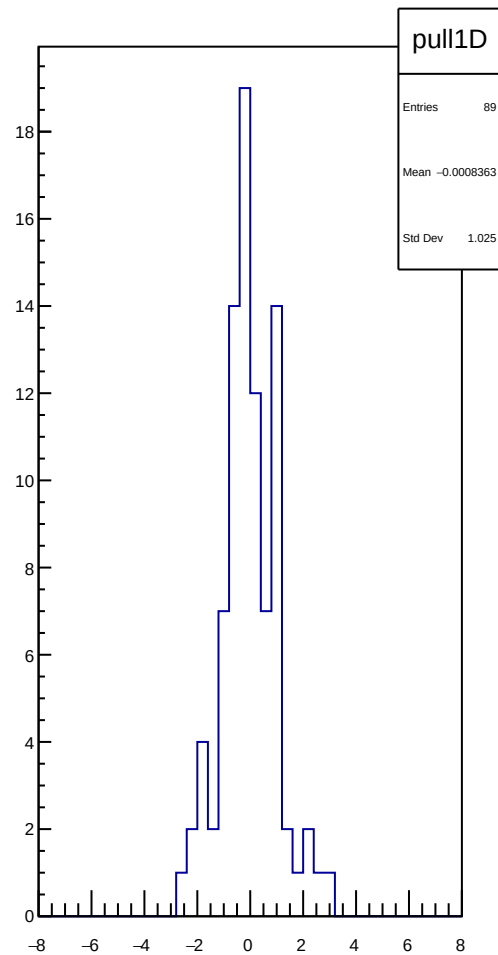
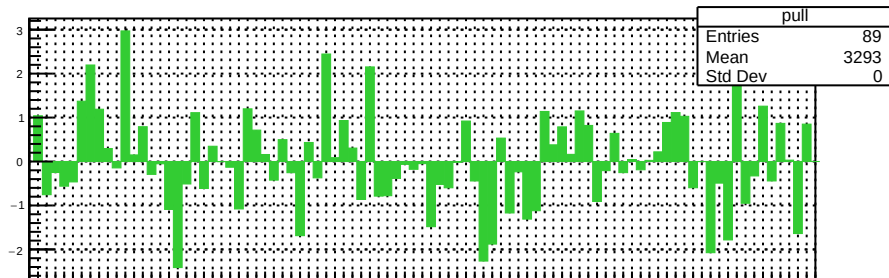
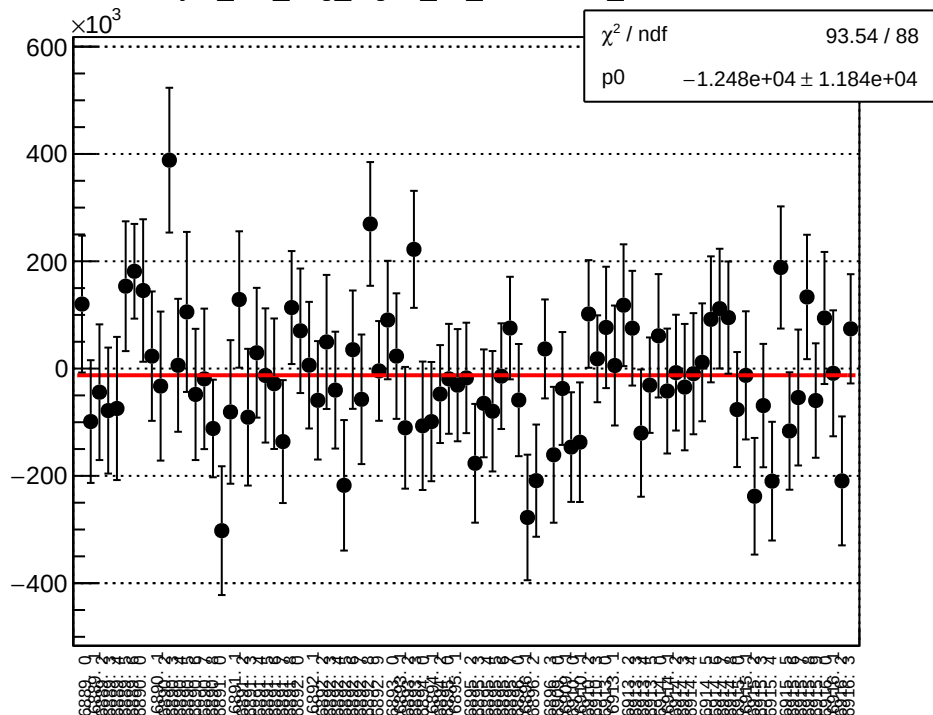
eigen_dit_asym_at2_avg_mean vs run



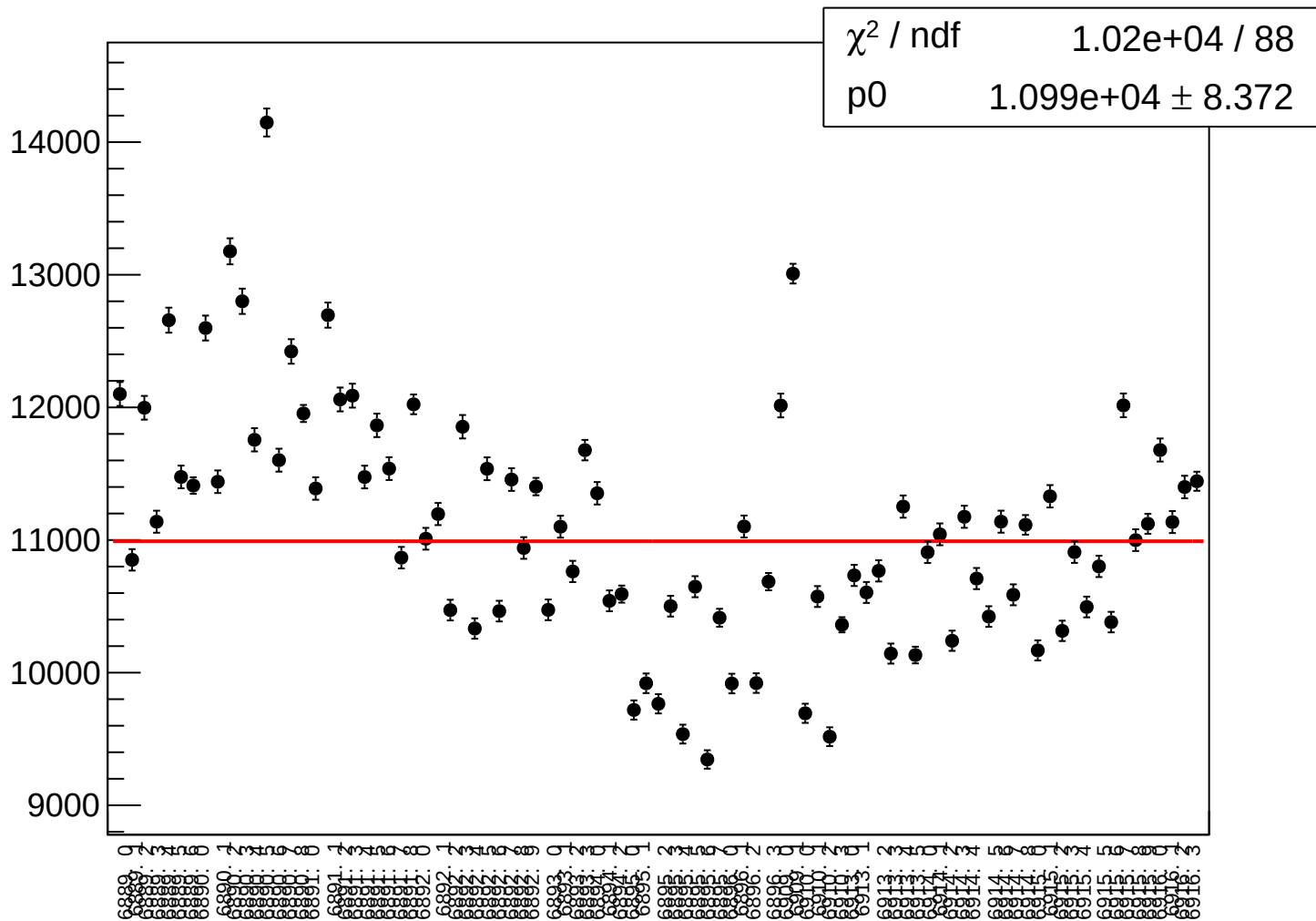
eigen_dit_asym_at2_avg_rms vs run



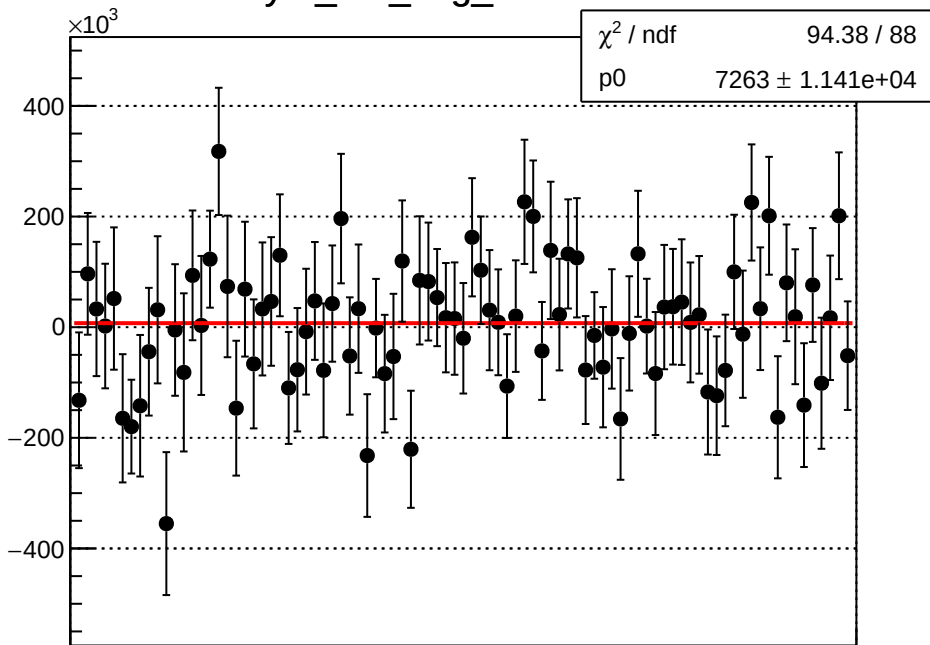
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asym_at2_avg_eigen_dit_correction_rms vs run

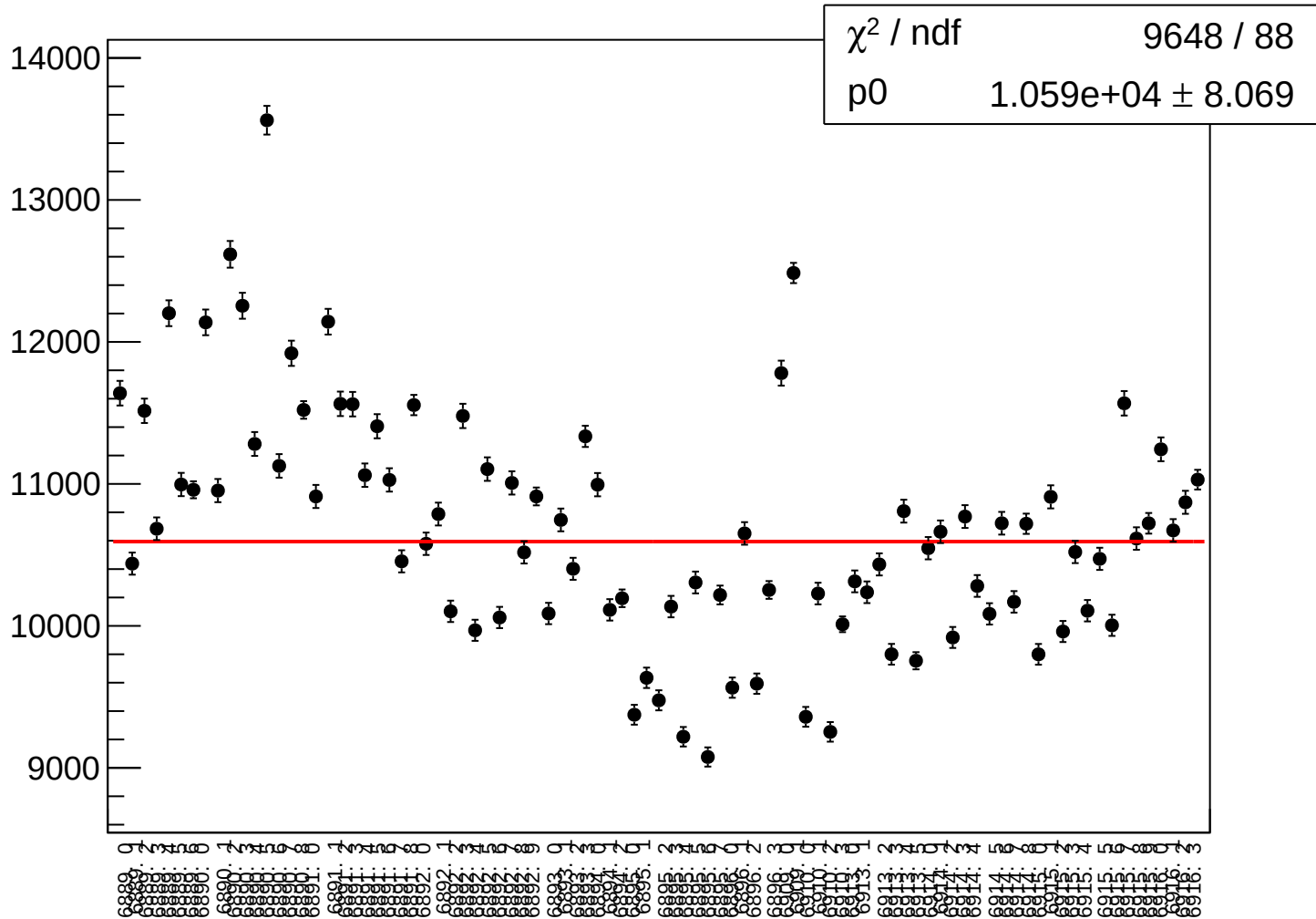


asym_at2_avg_mean vs run

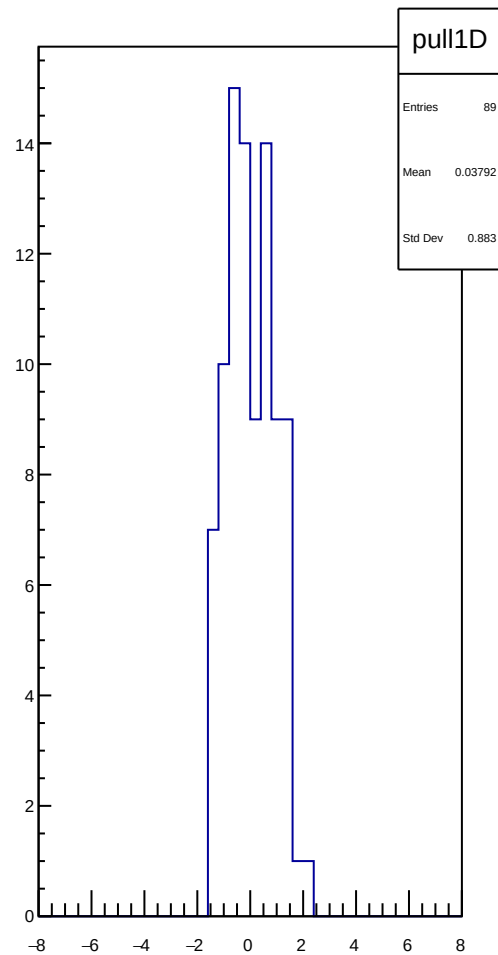
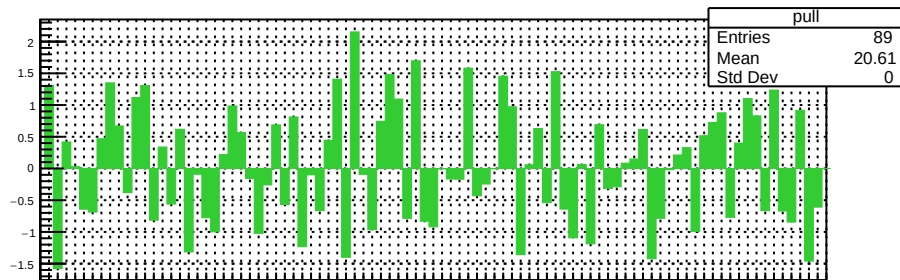
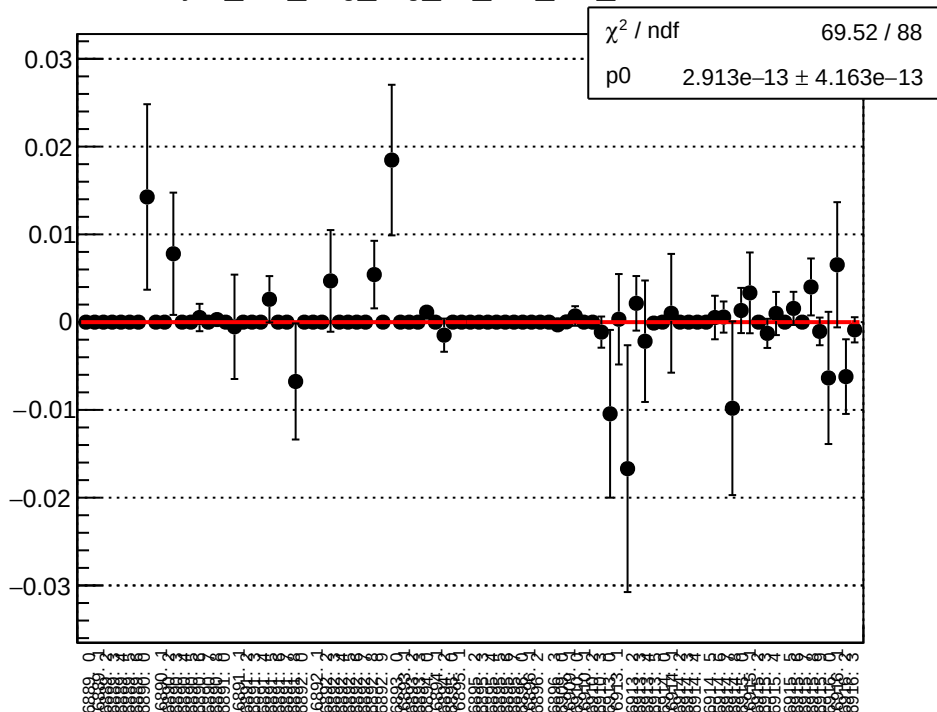


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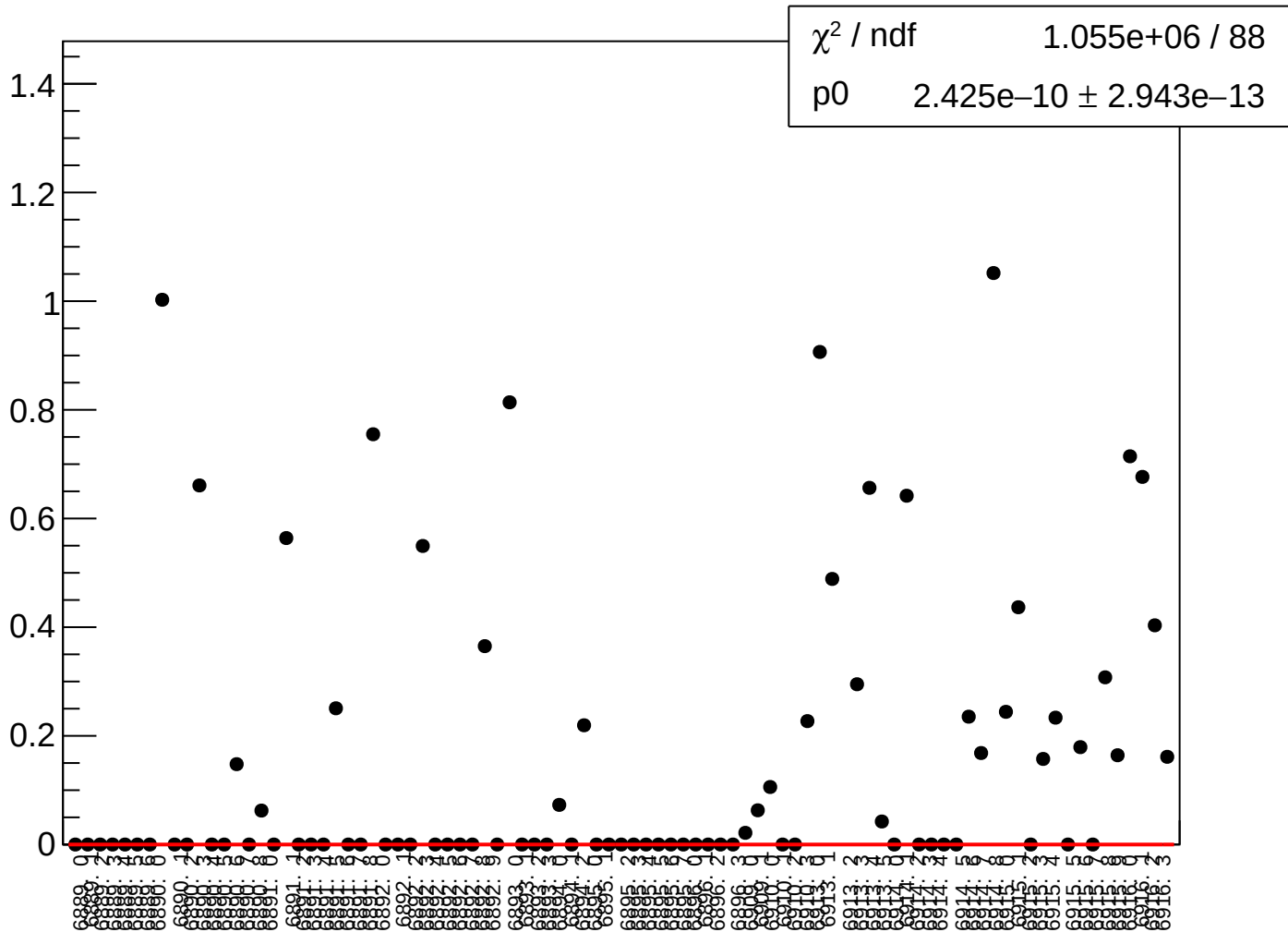
asym_at2_avg_rms vs run



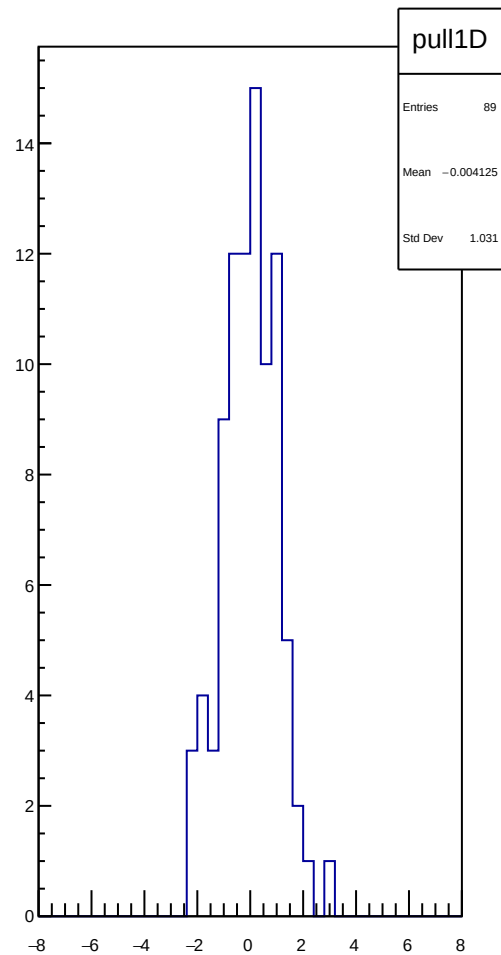
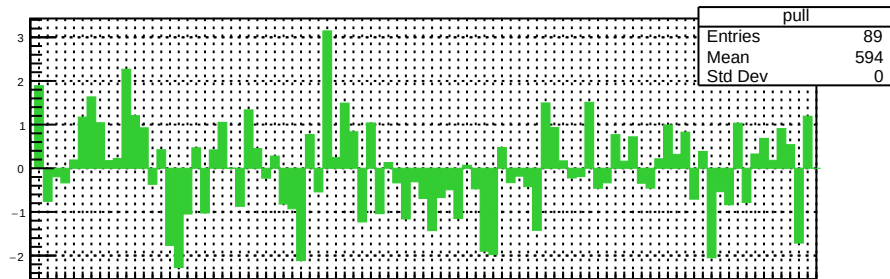
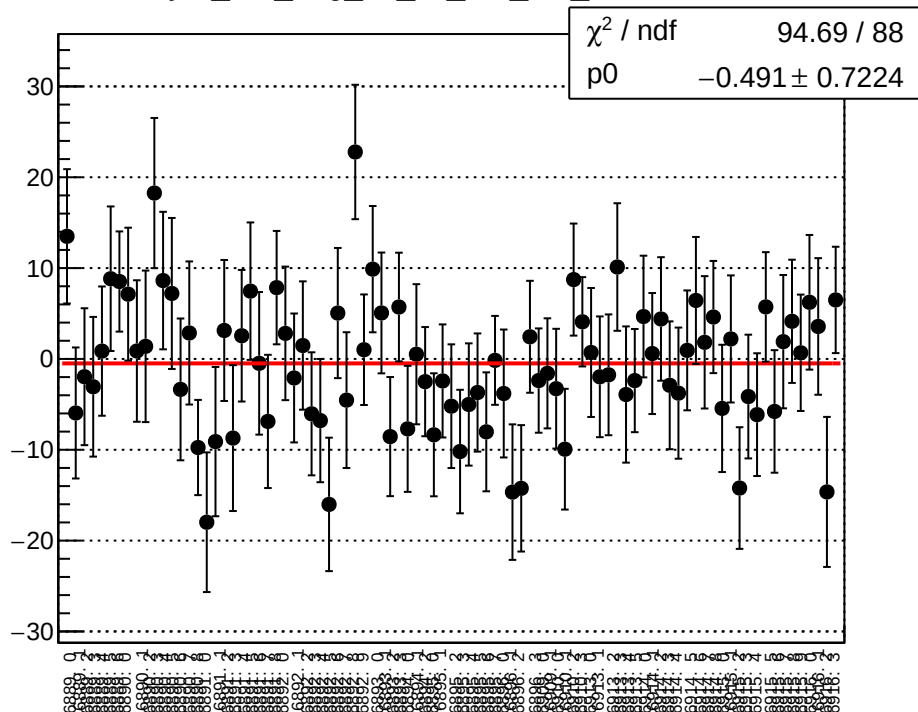
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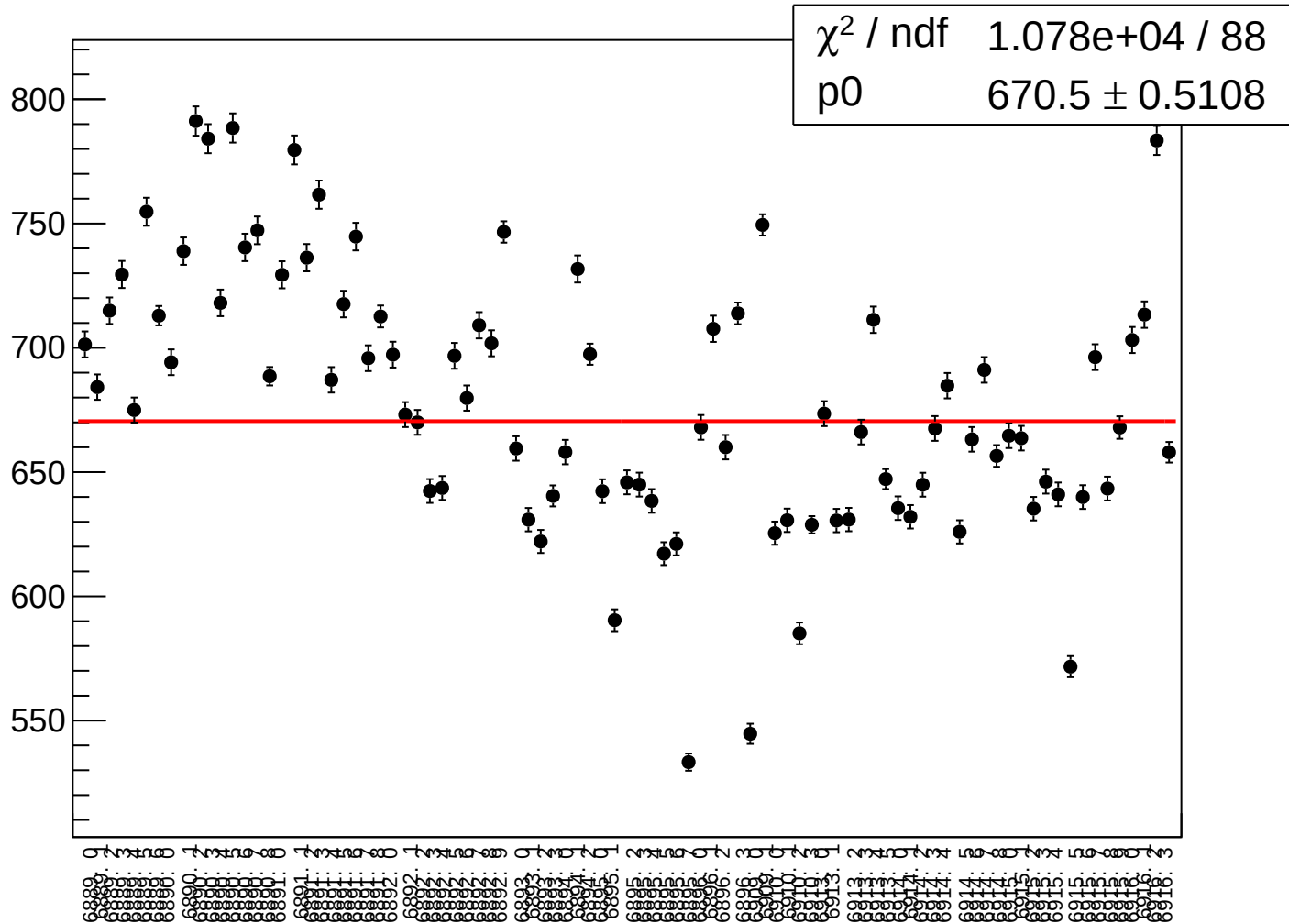
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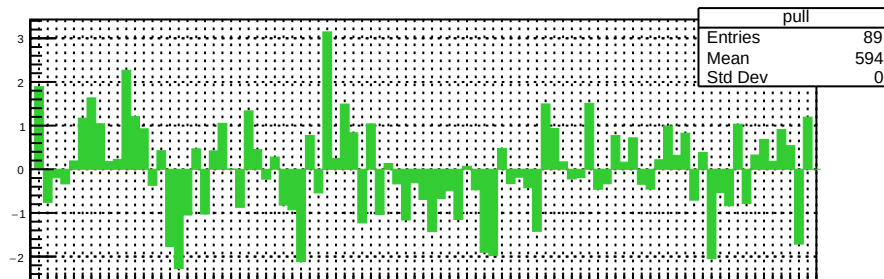
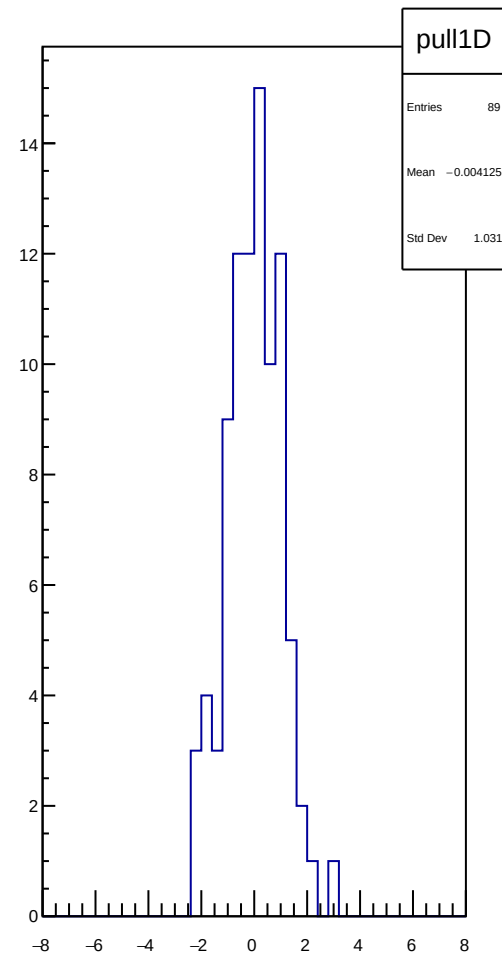
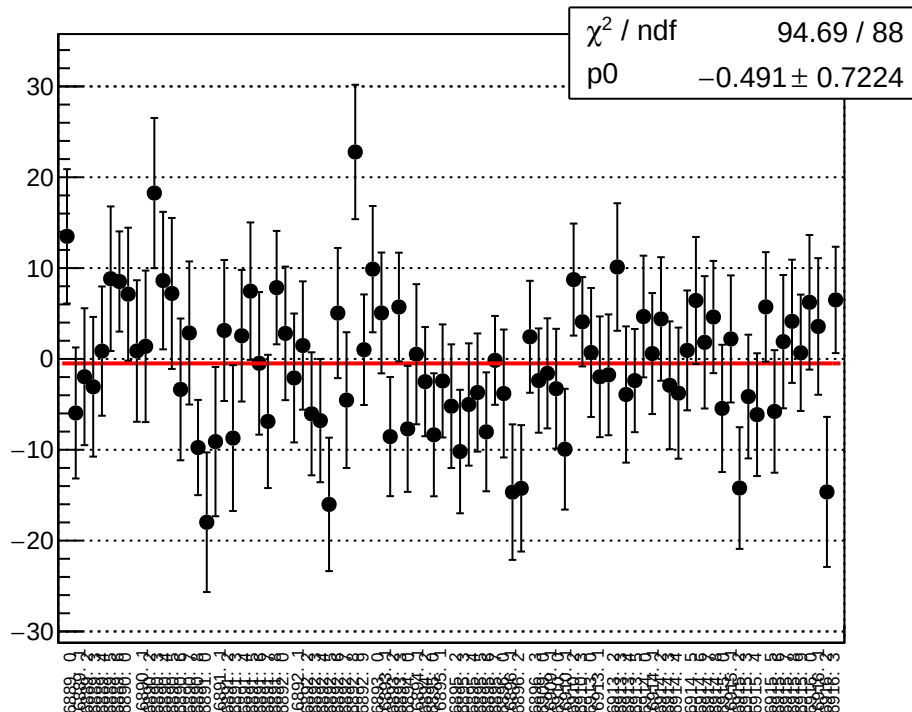
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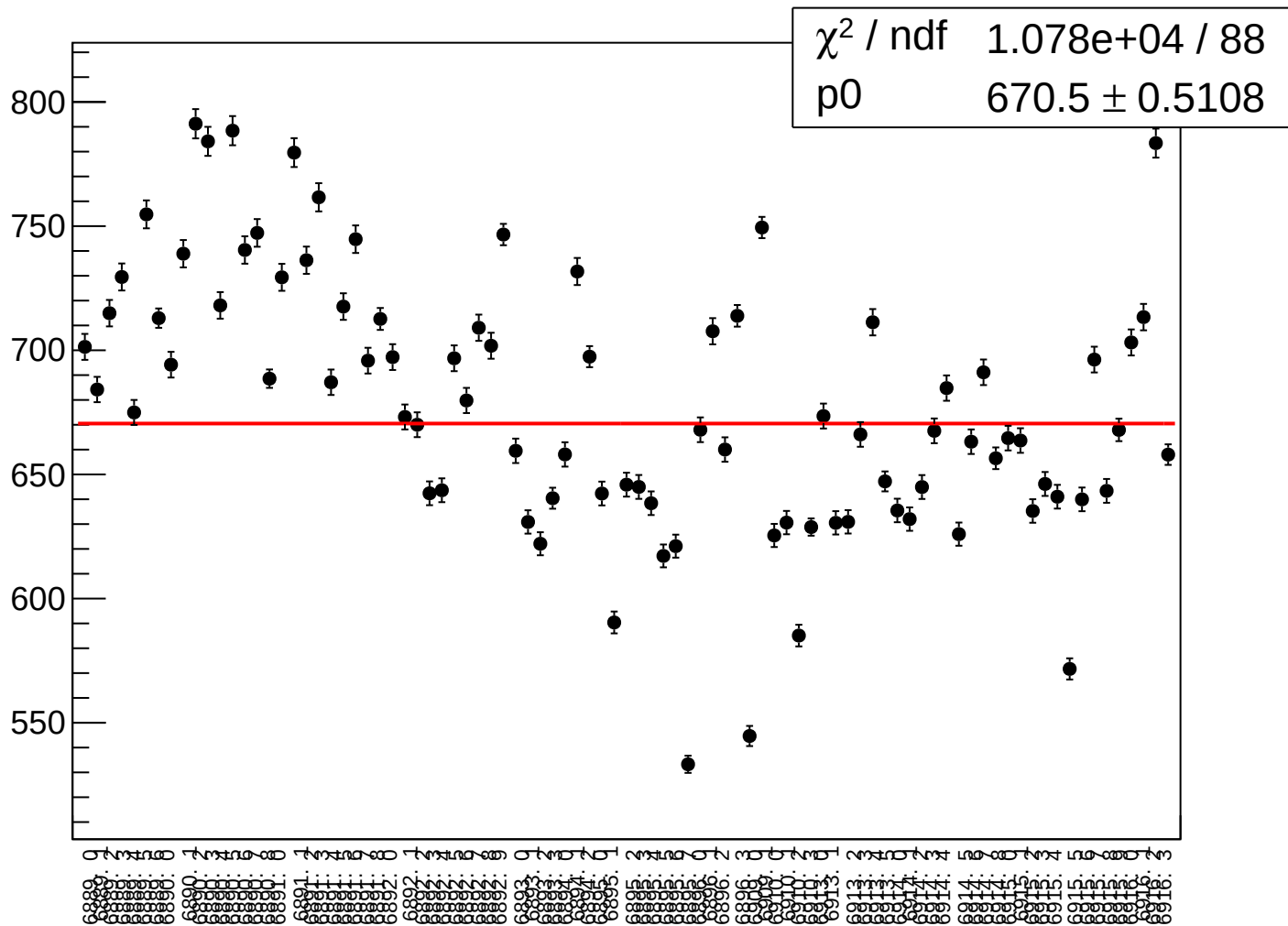
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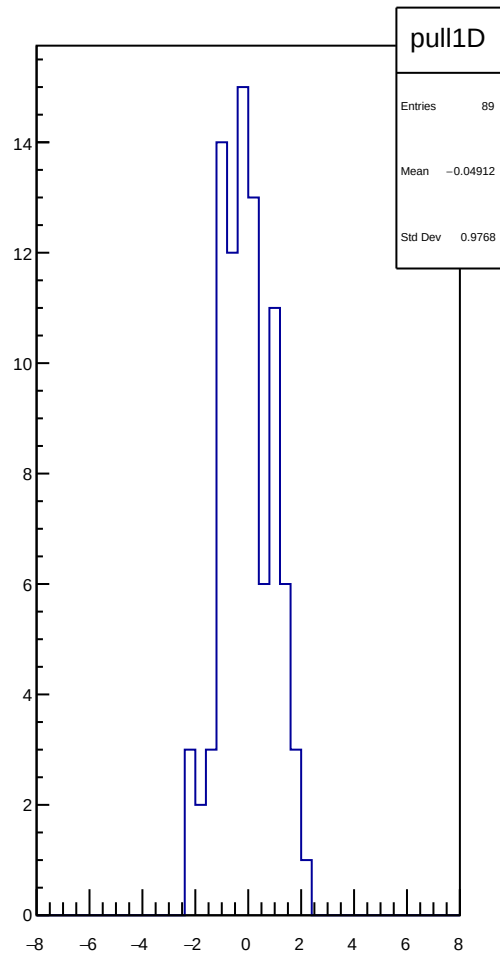
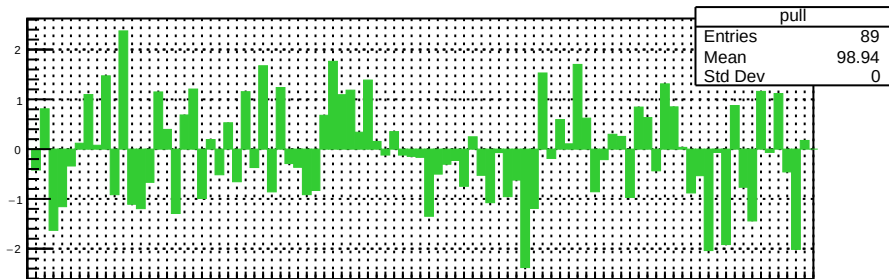
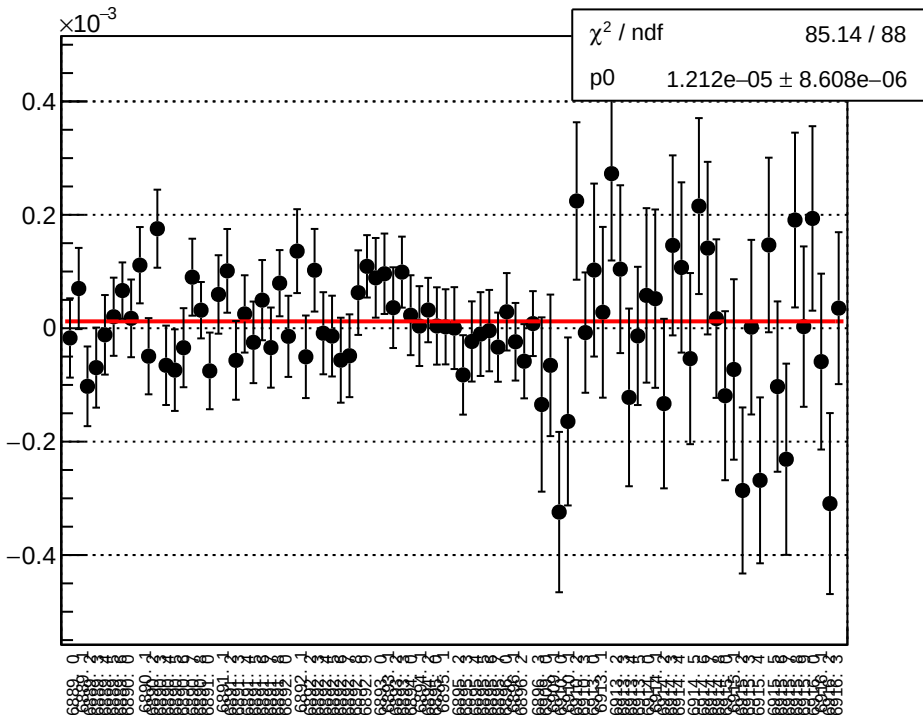
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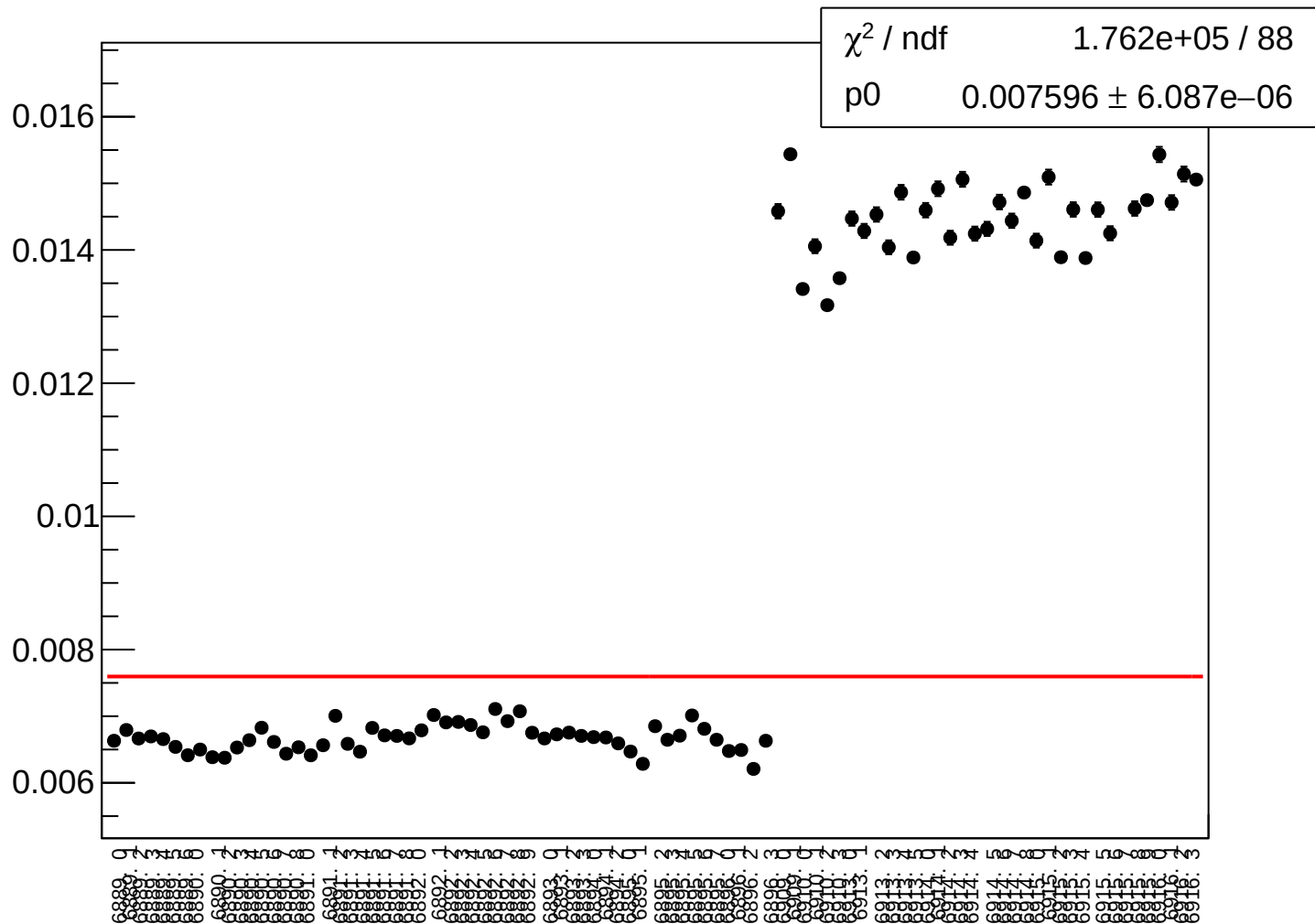
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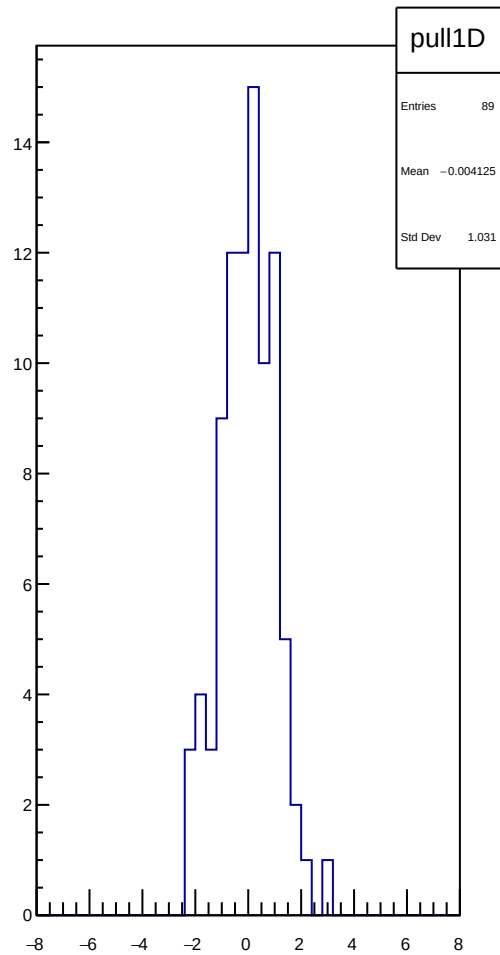
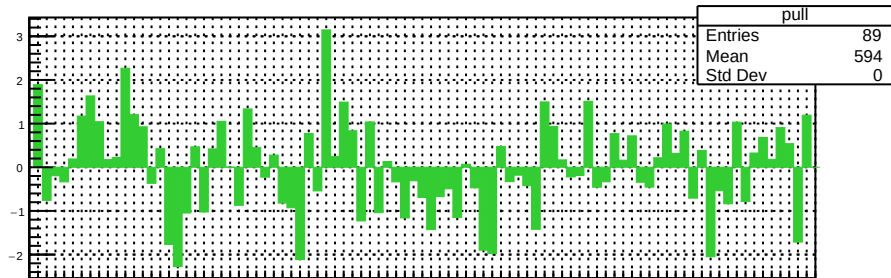
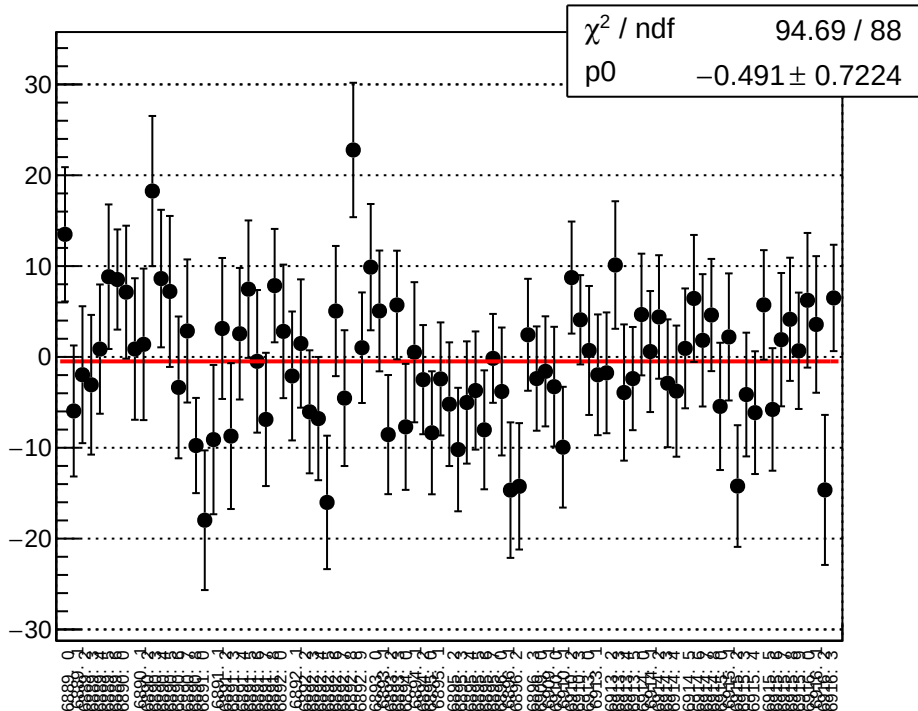
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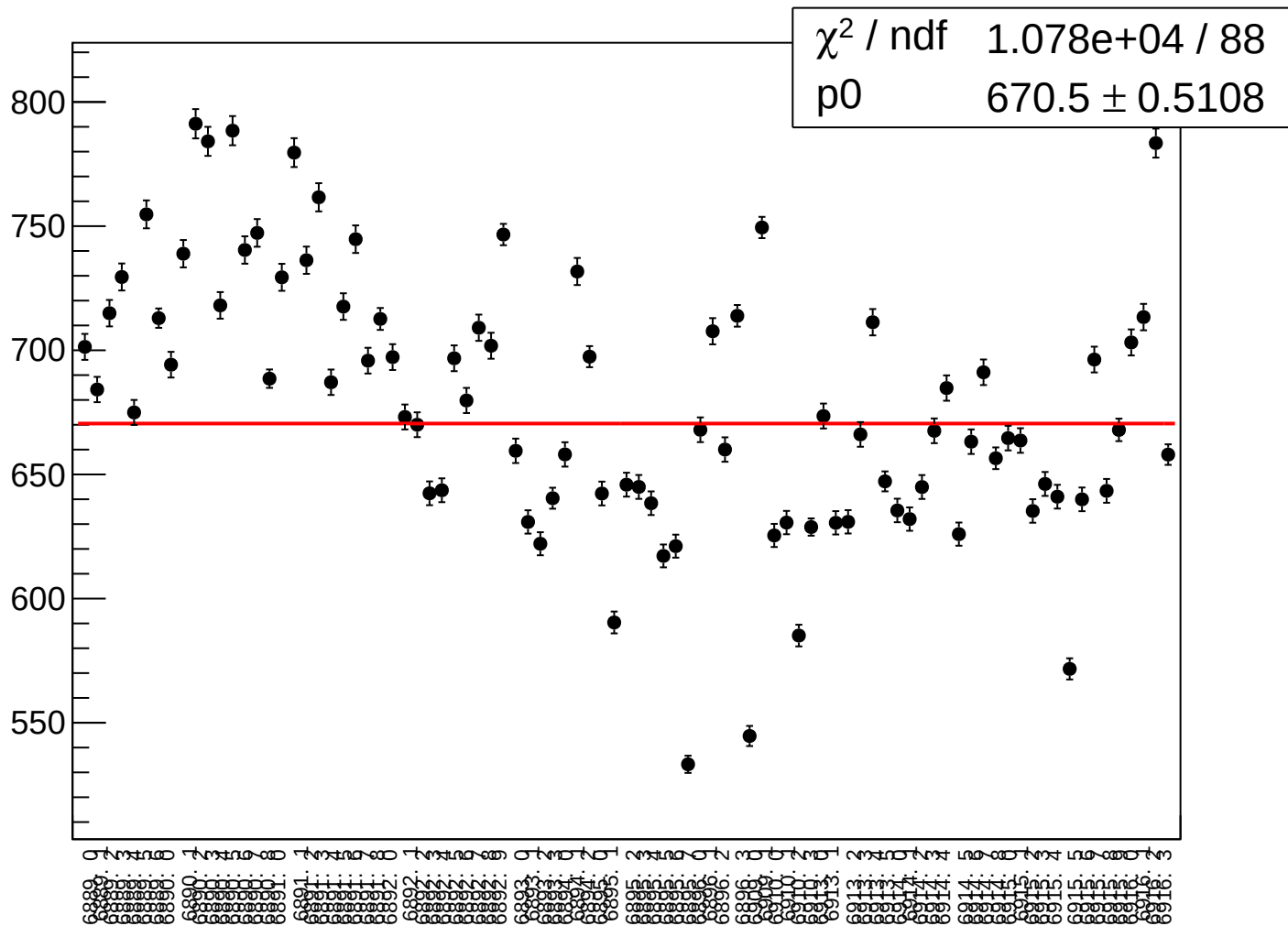
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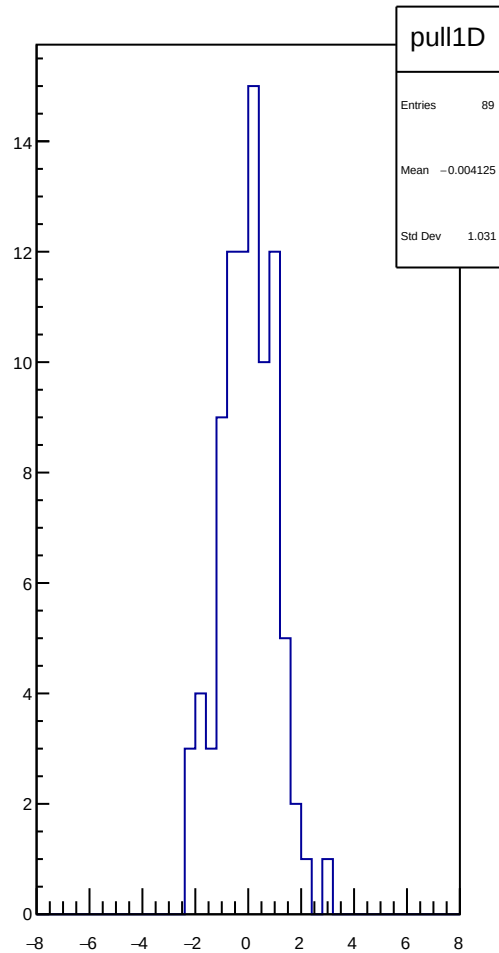
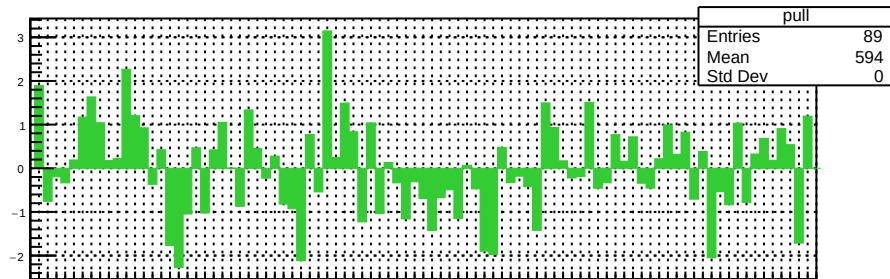
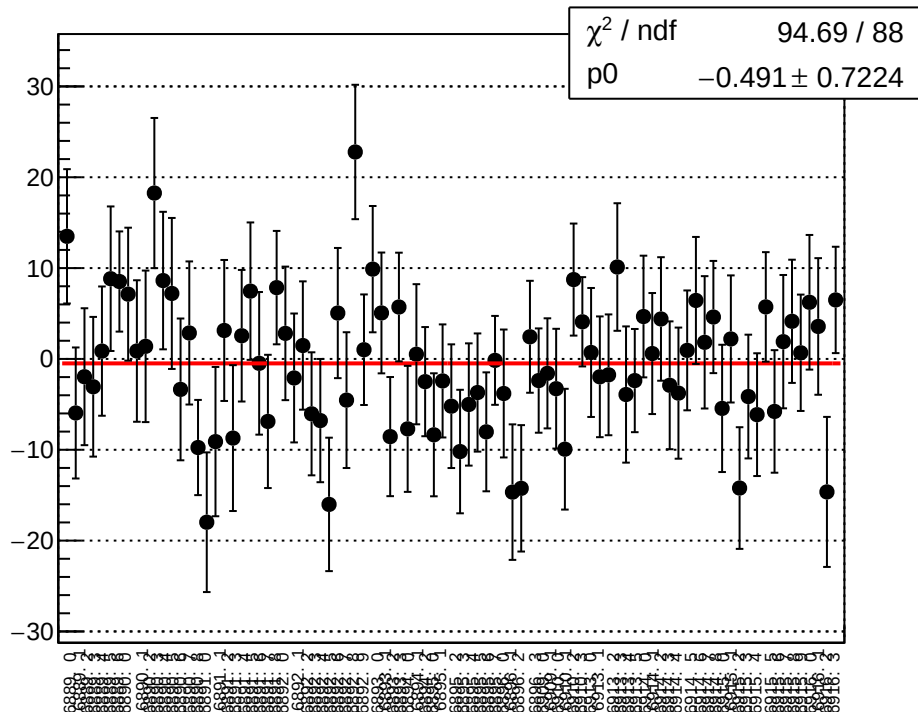
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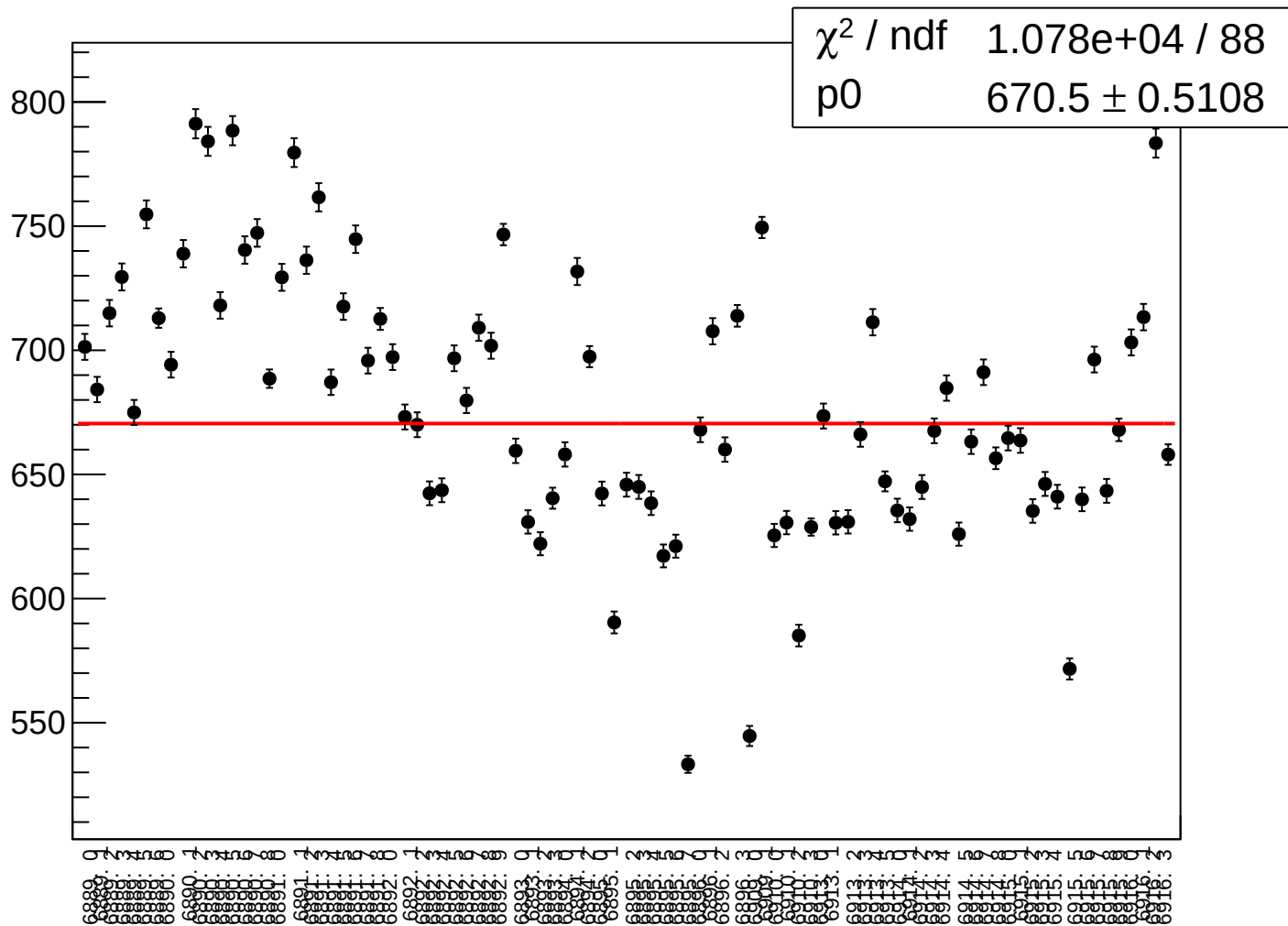
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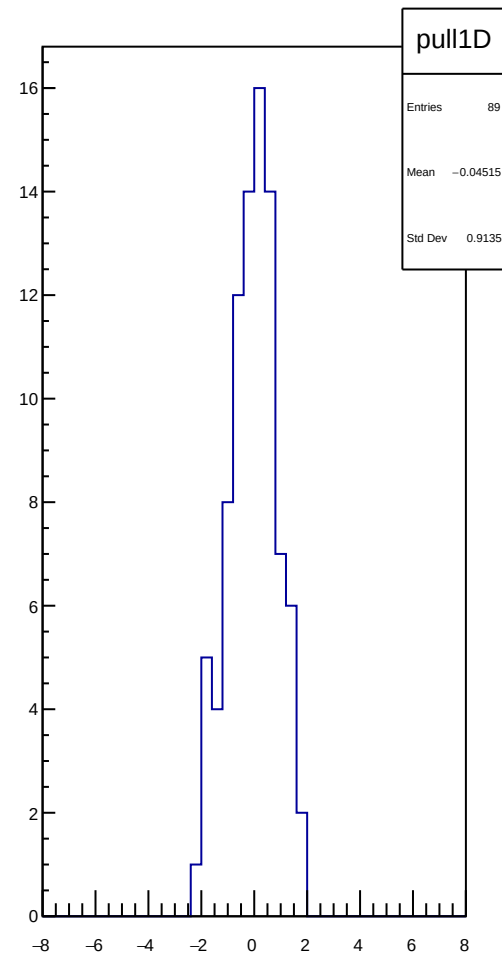
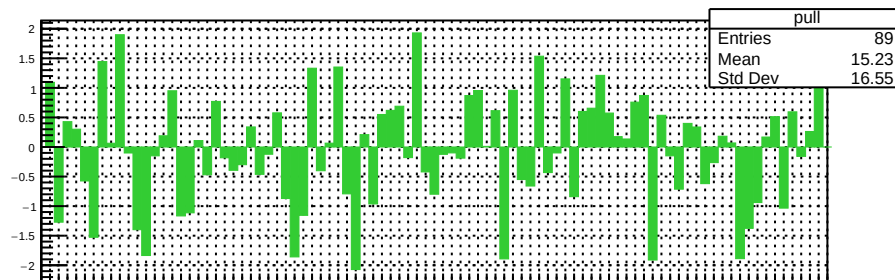
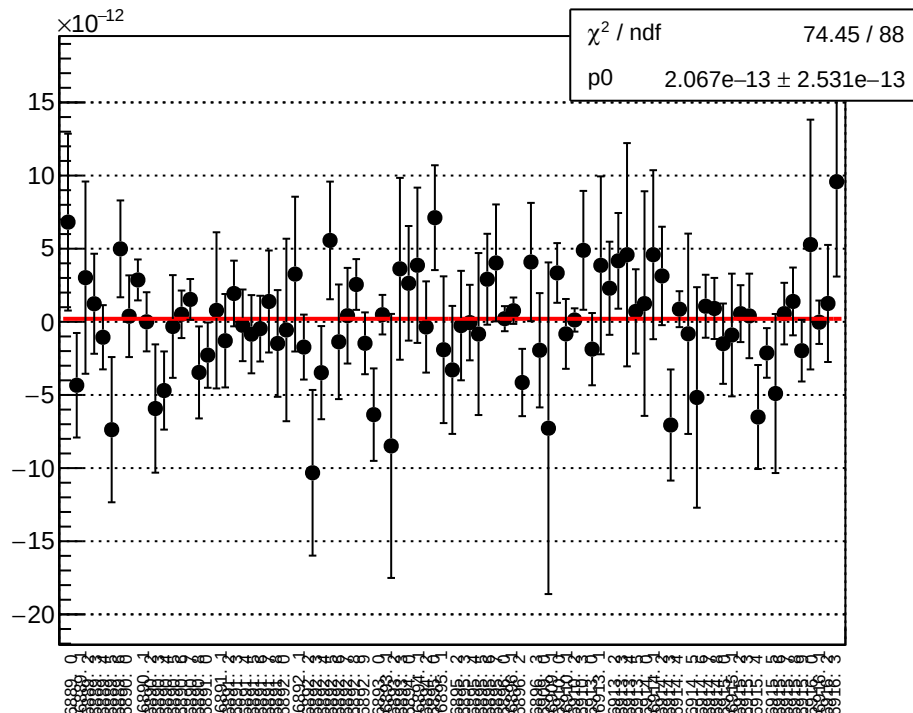
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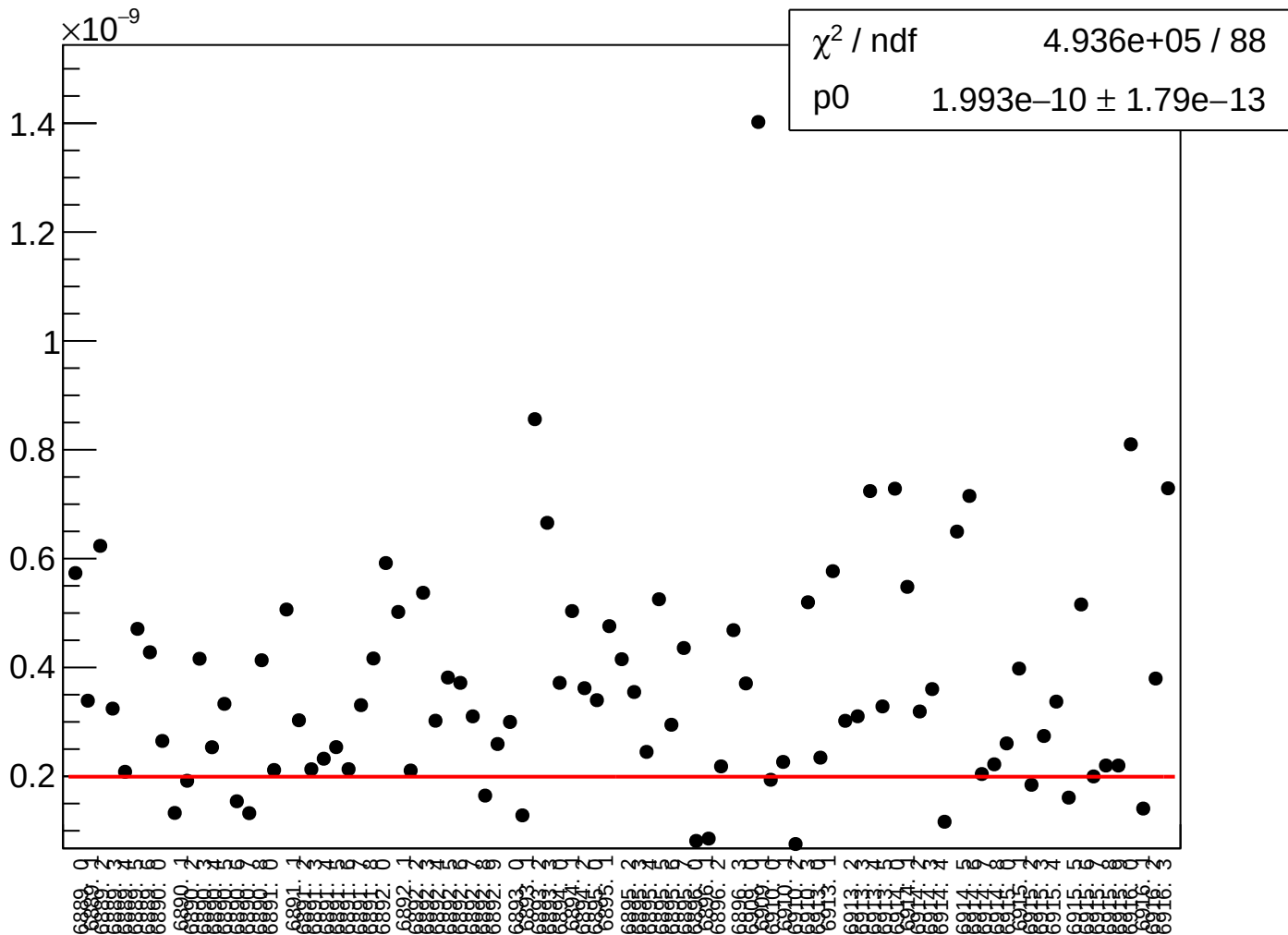
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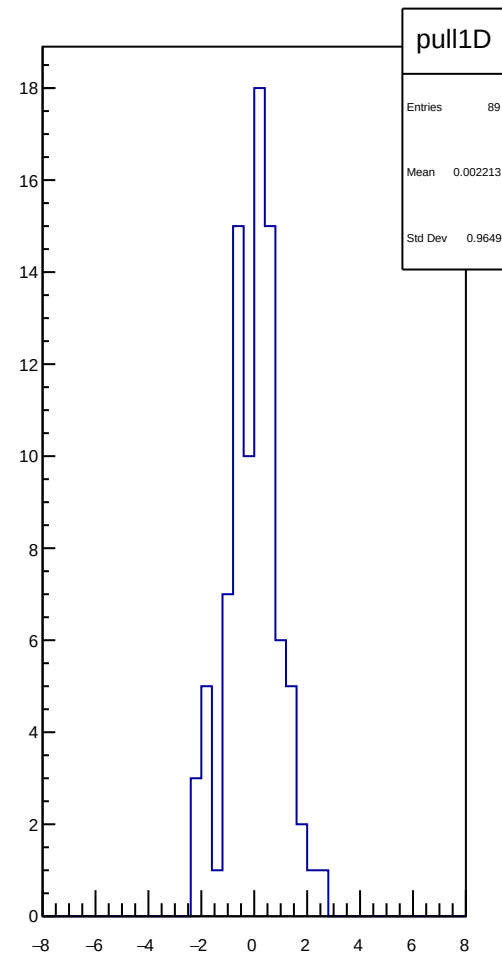
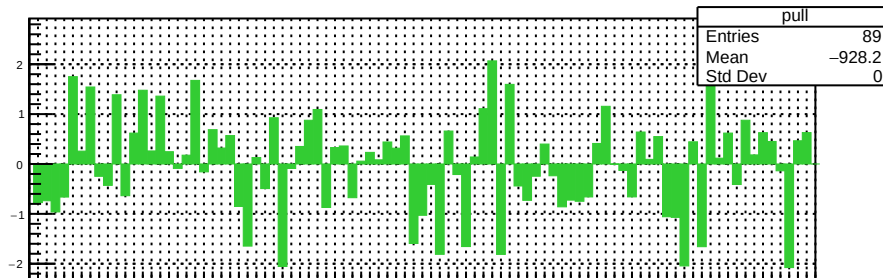
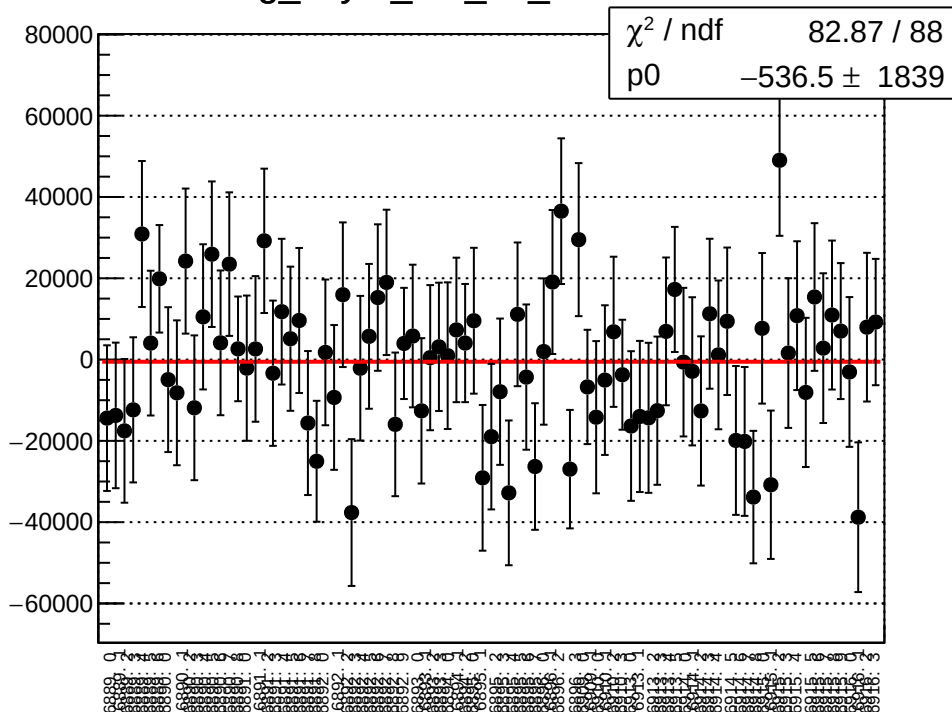
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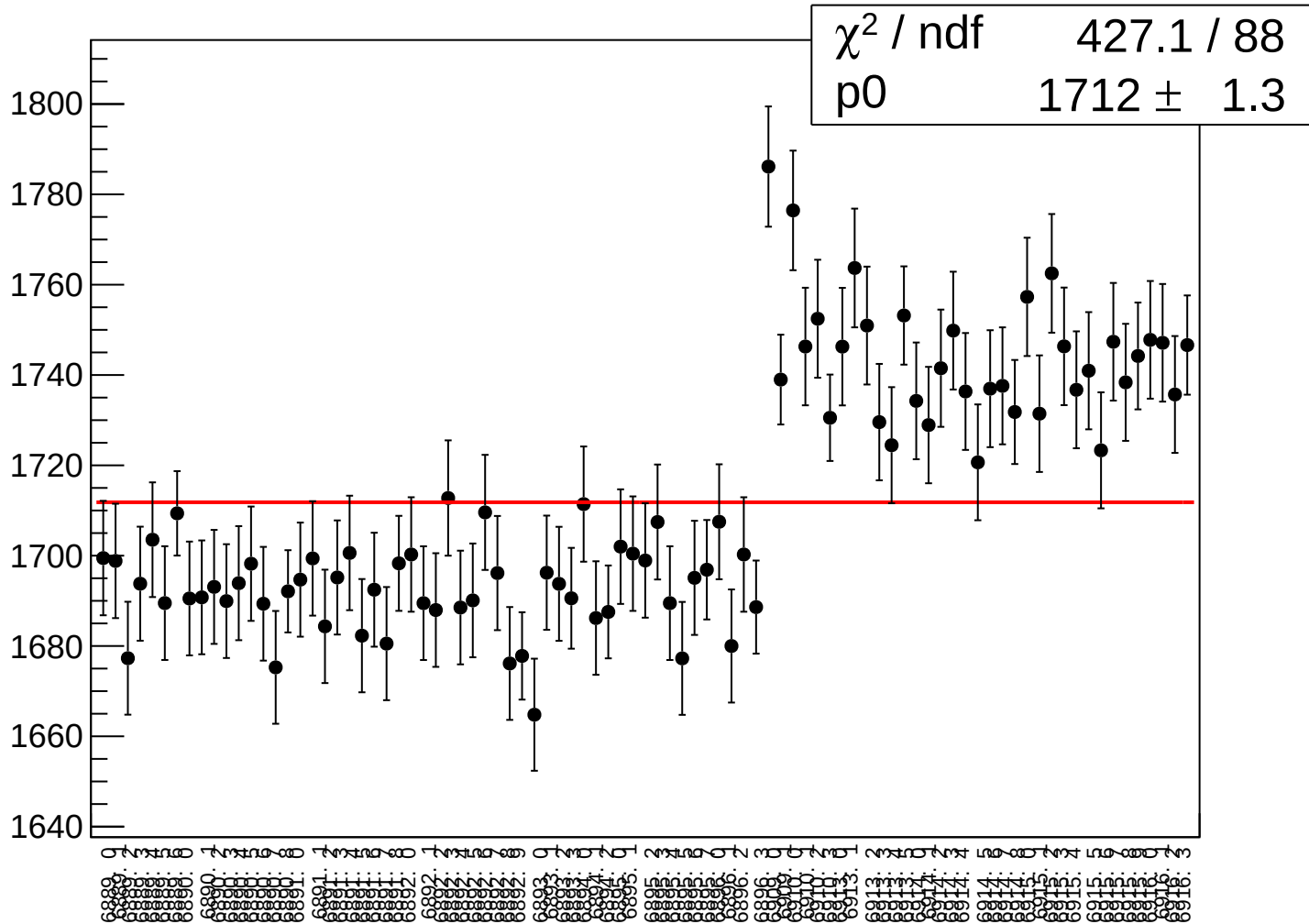
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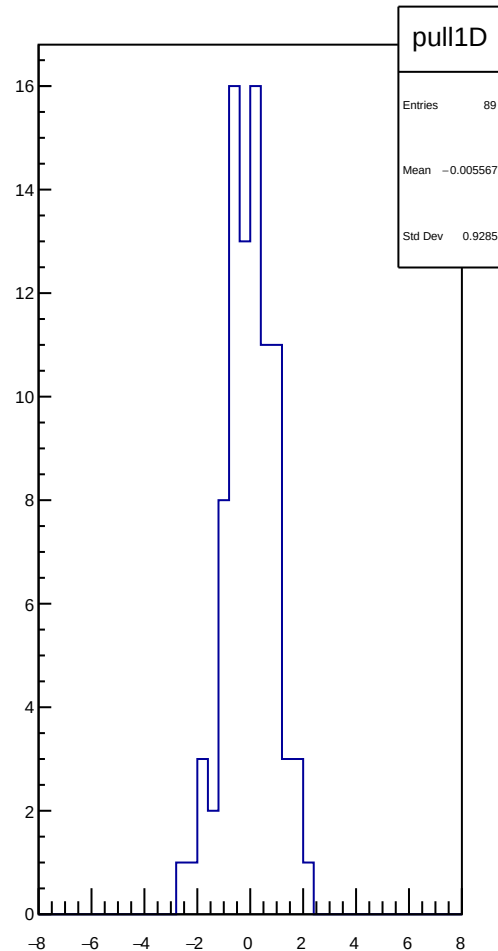
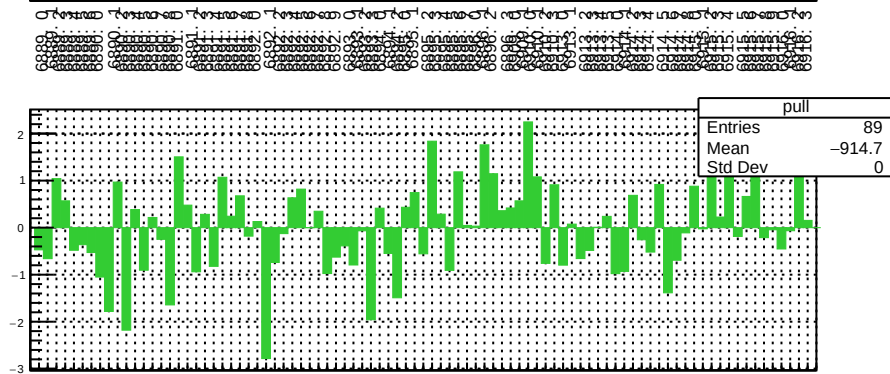
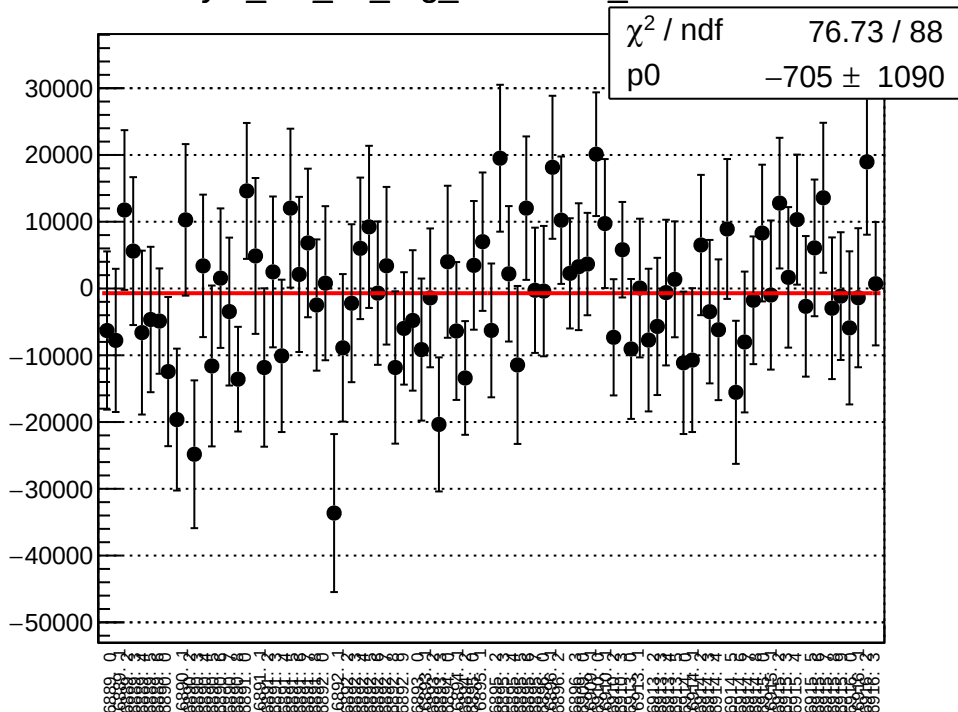
reg_asym_at2_dd_mean vs run



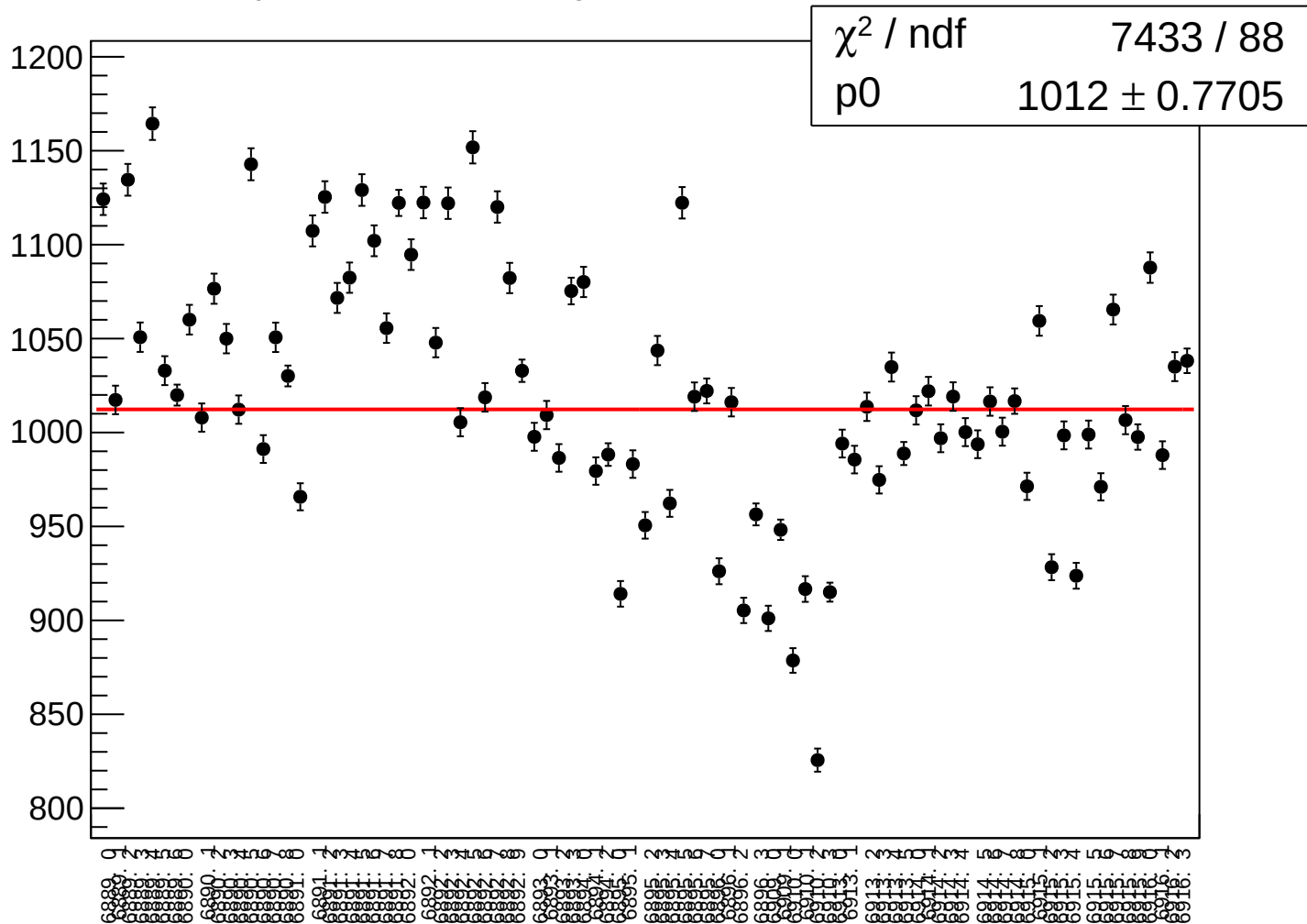
reg_asym_at2_dd_rms vs run



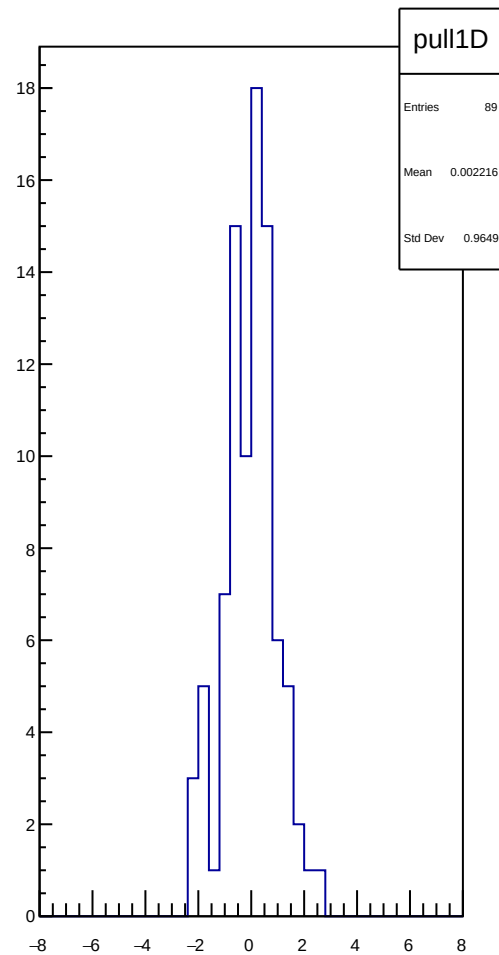
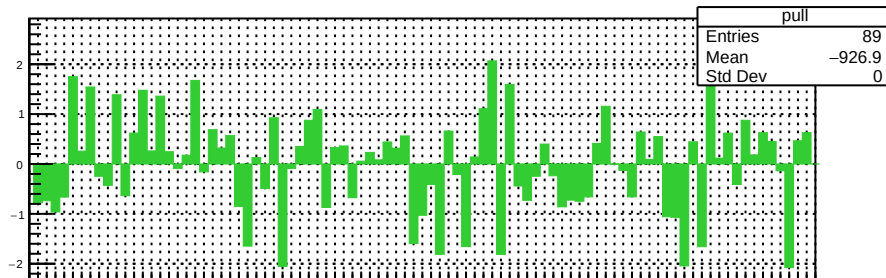
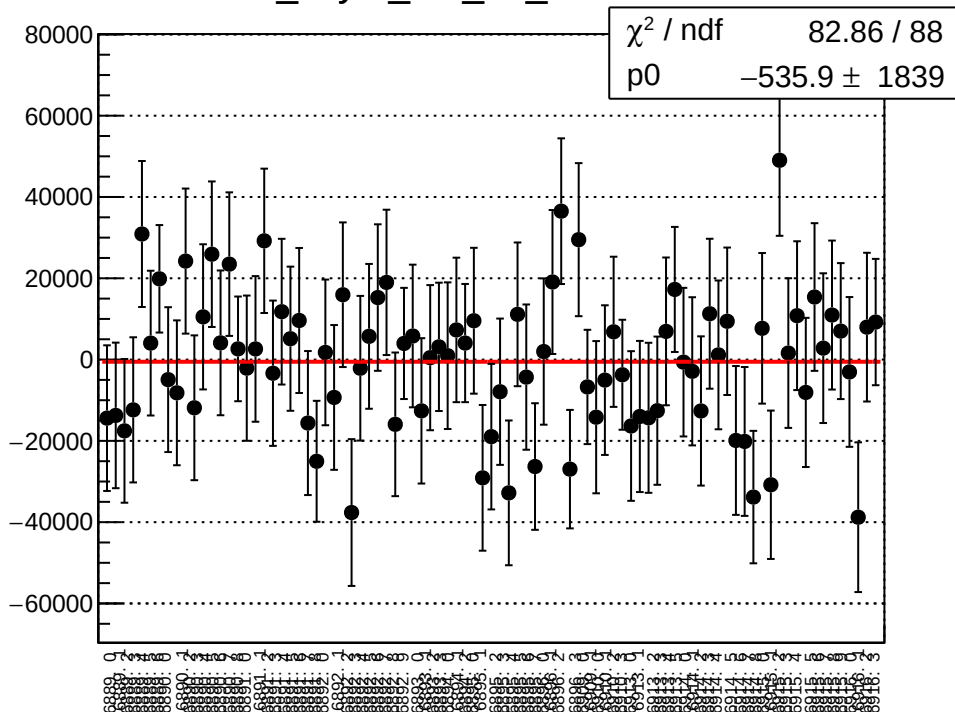
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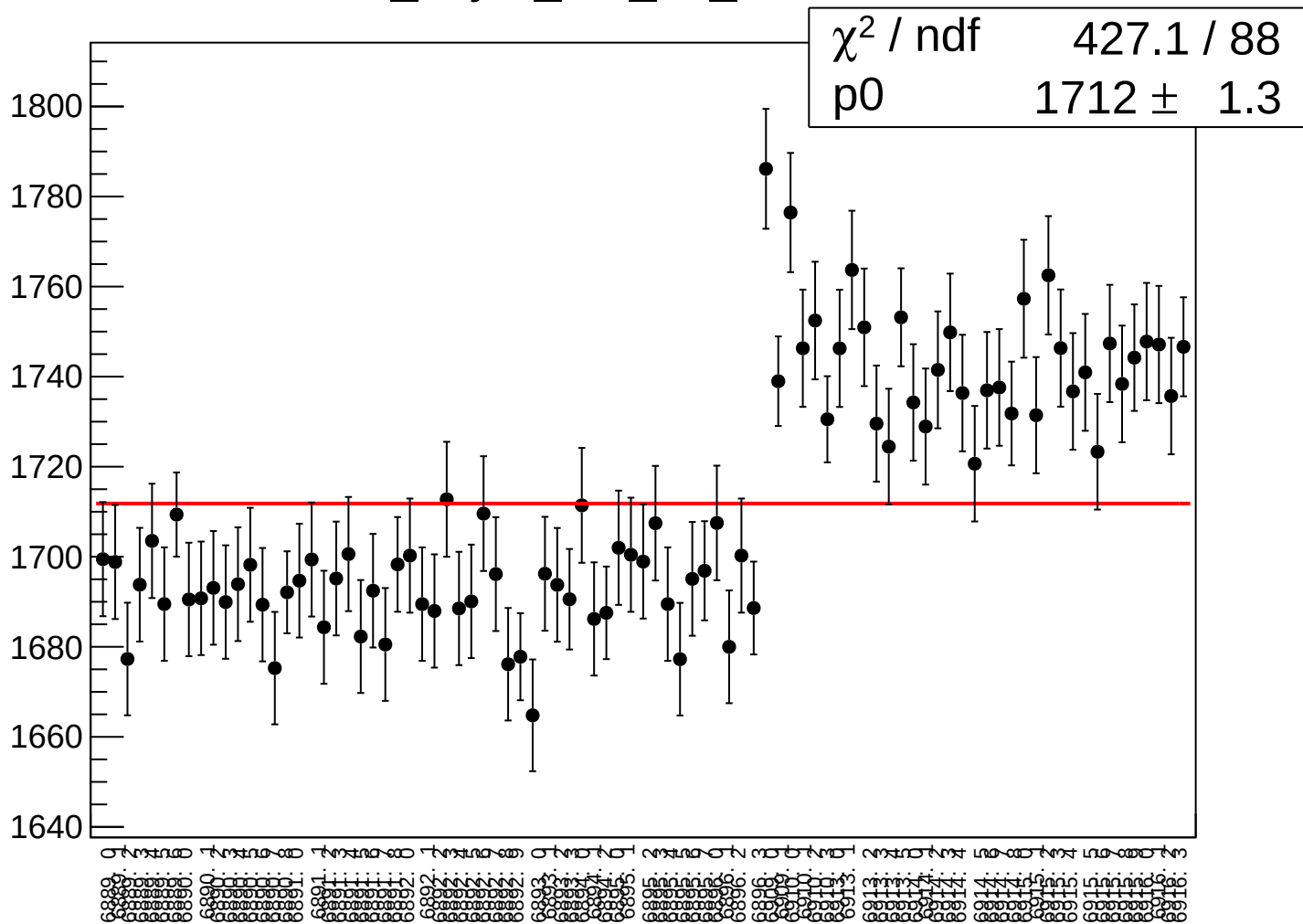
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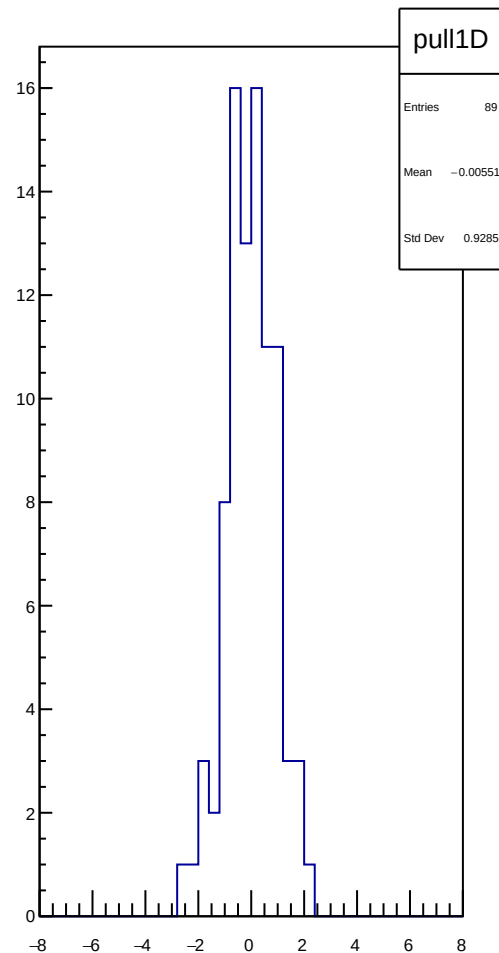
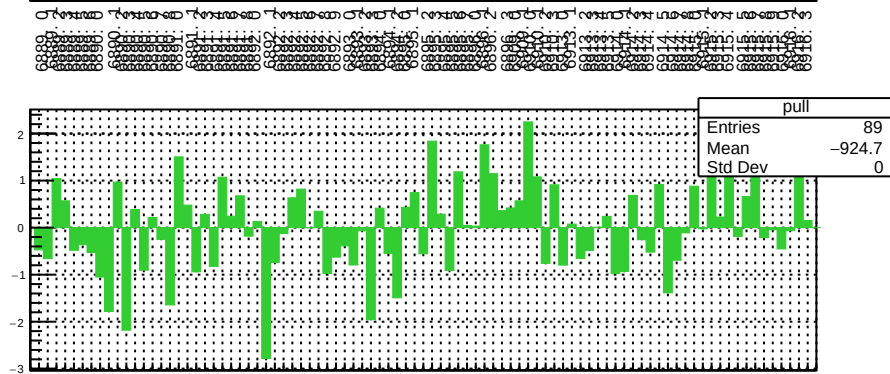
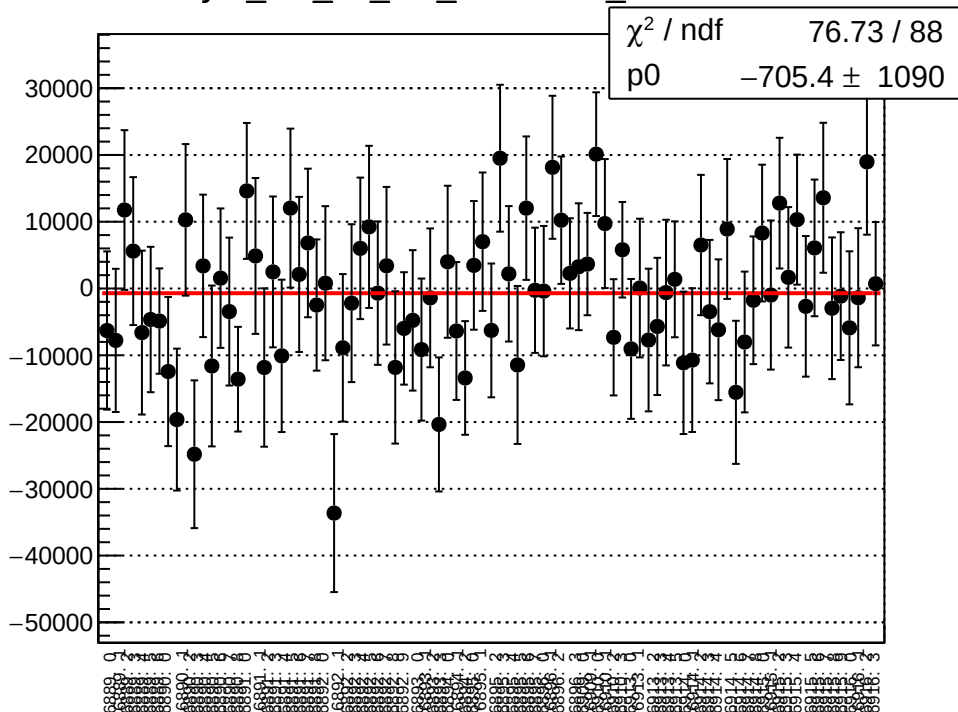
cor_asym_at2_dd_mean vs run



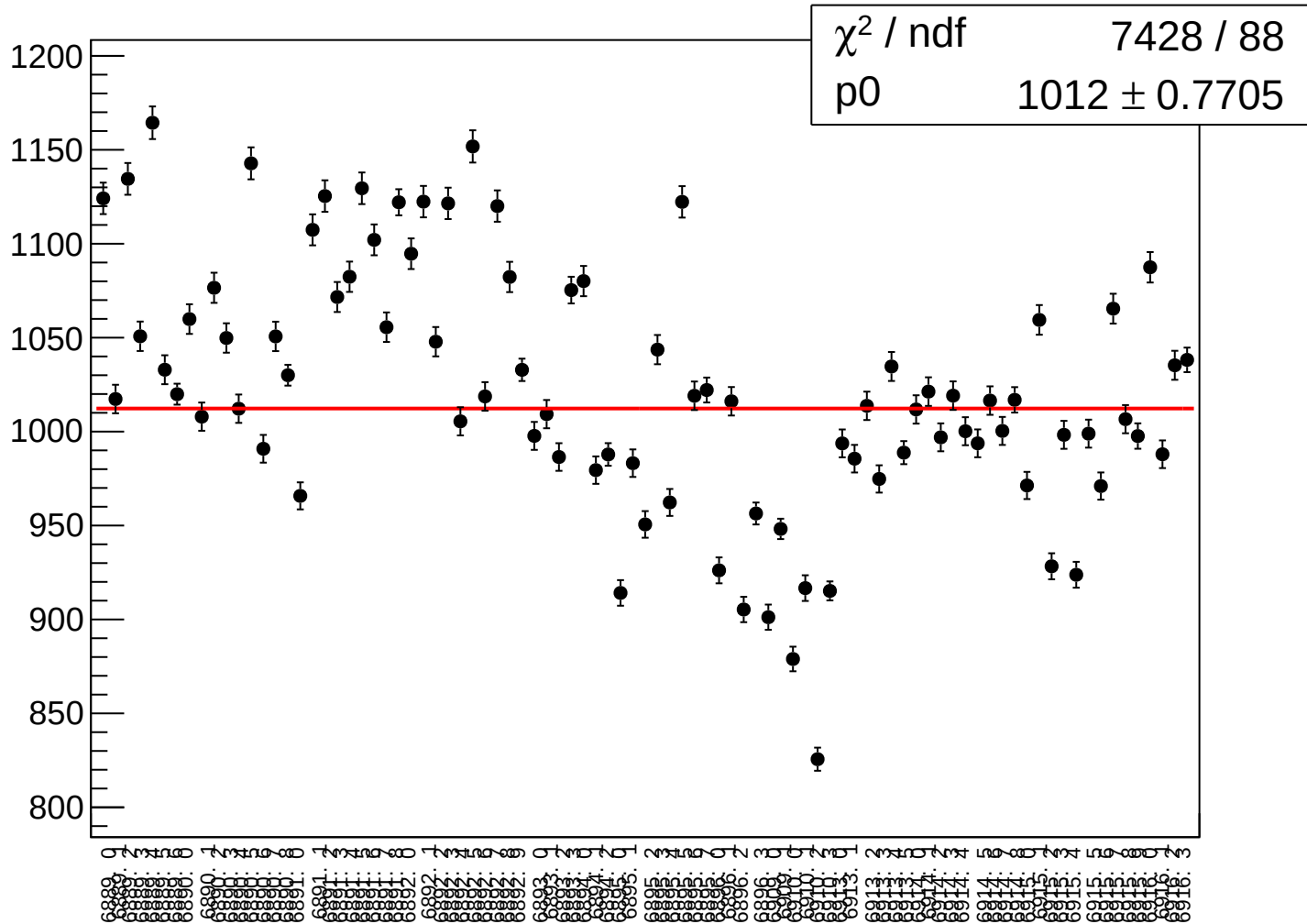
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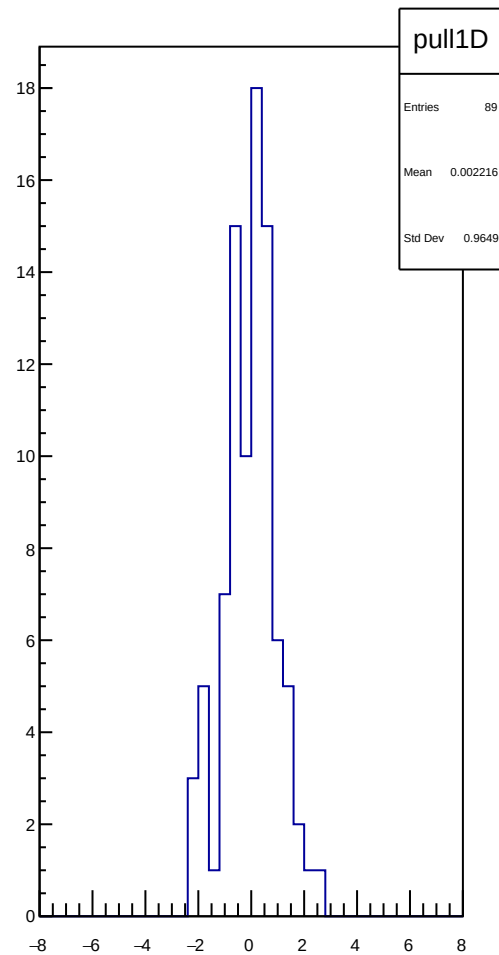
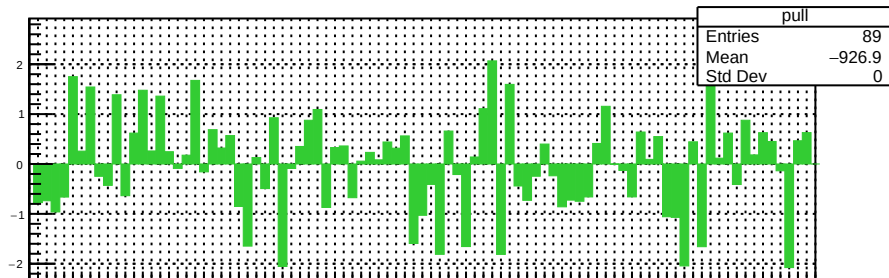
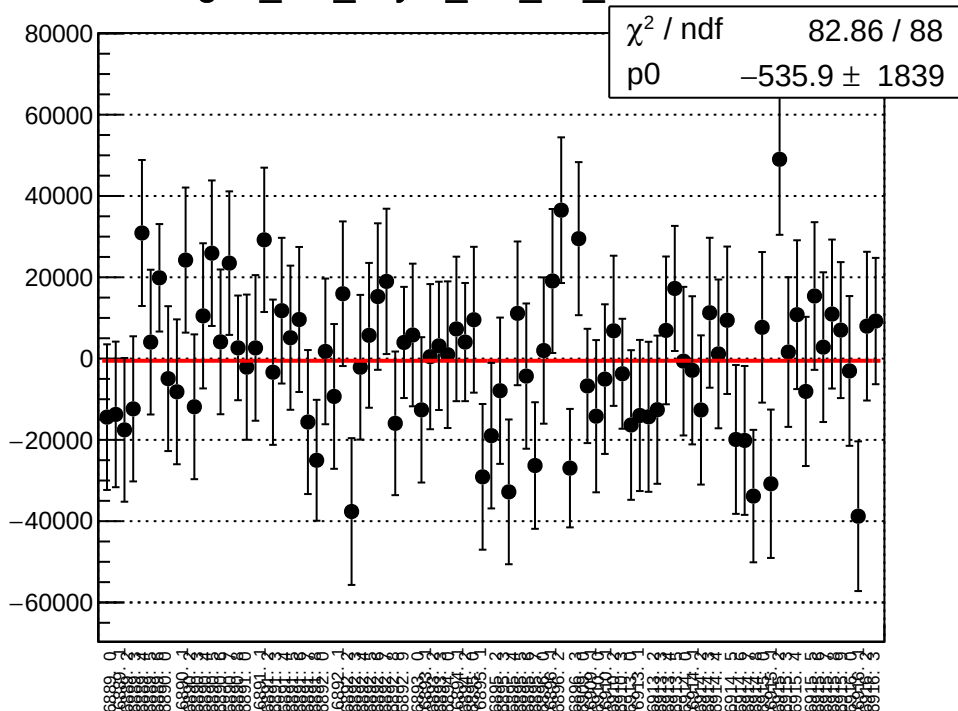
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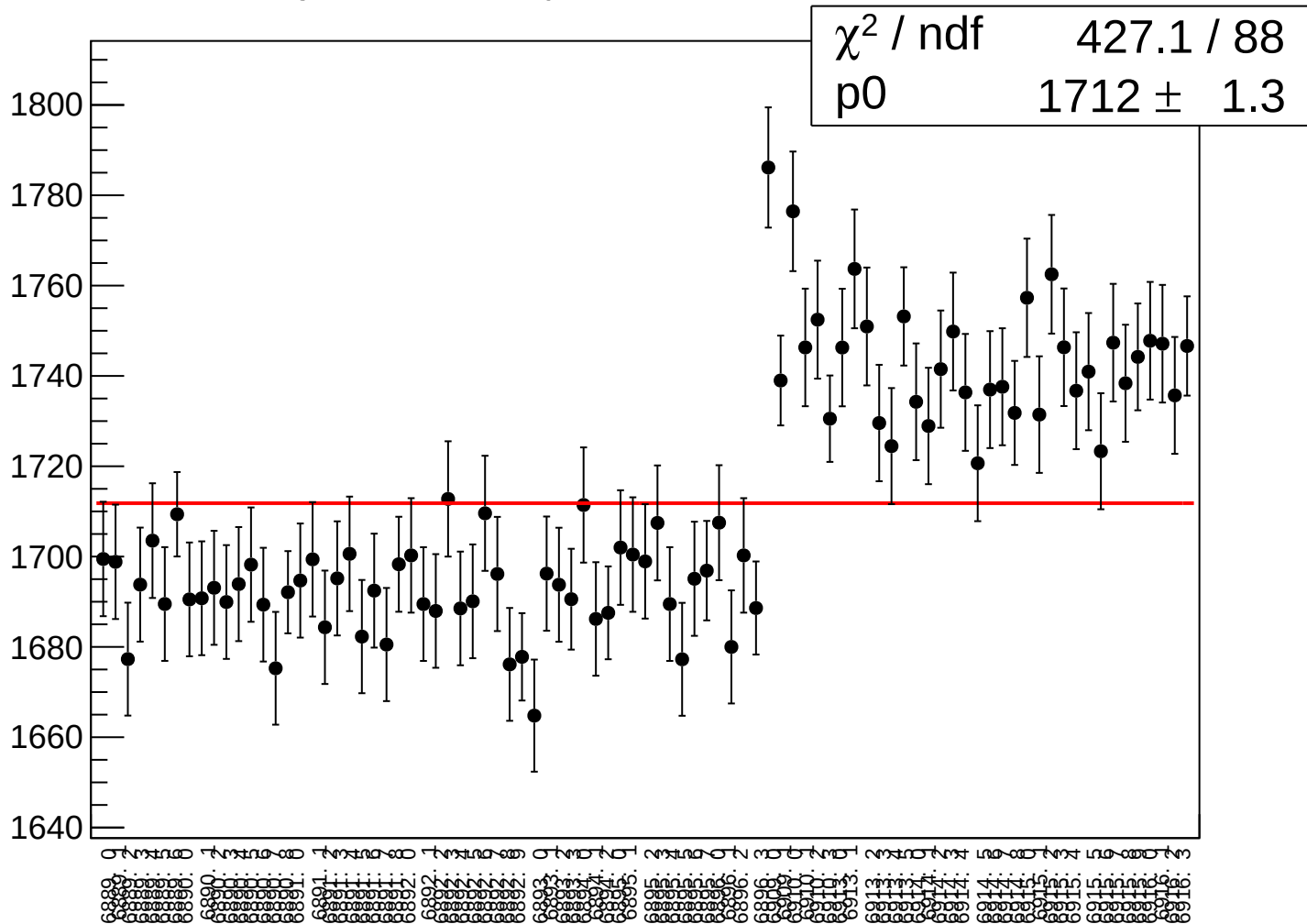
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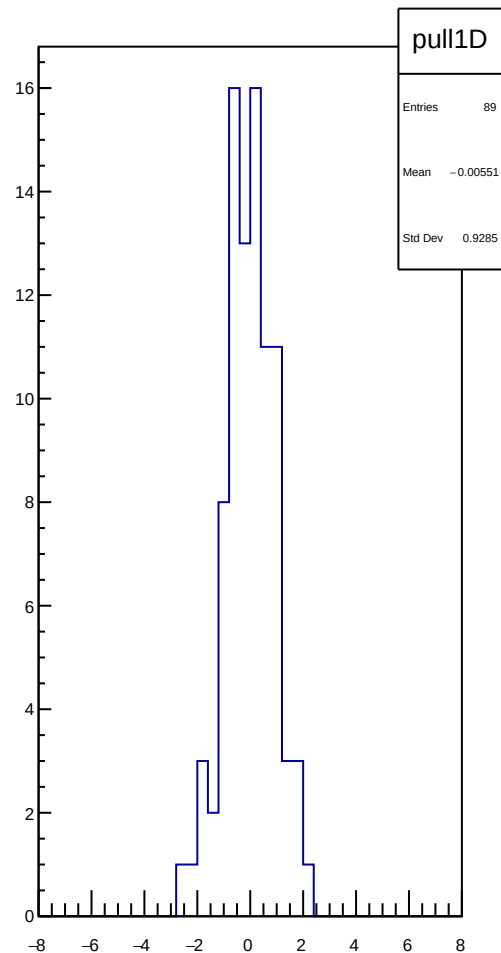
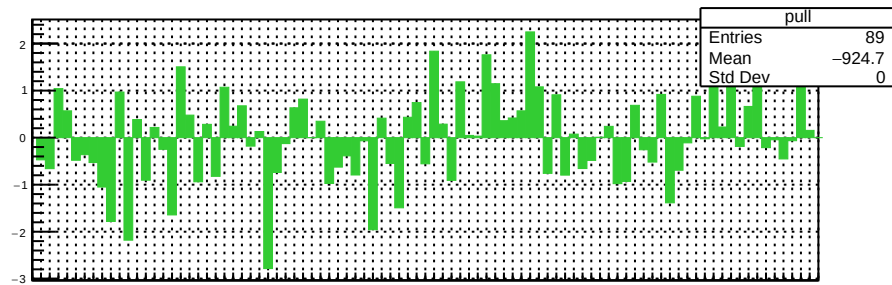
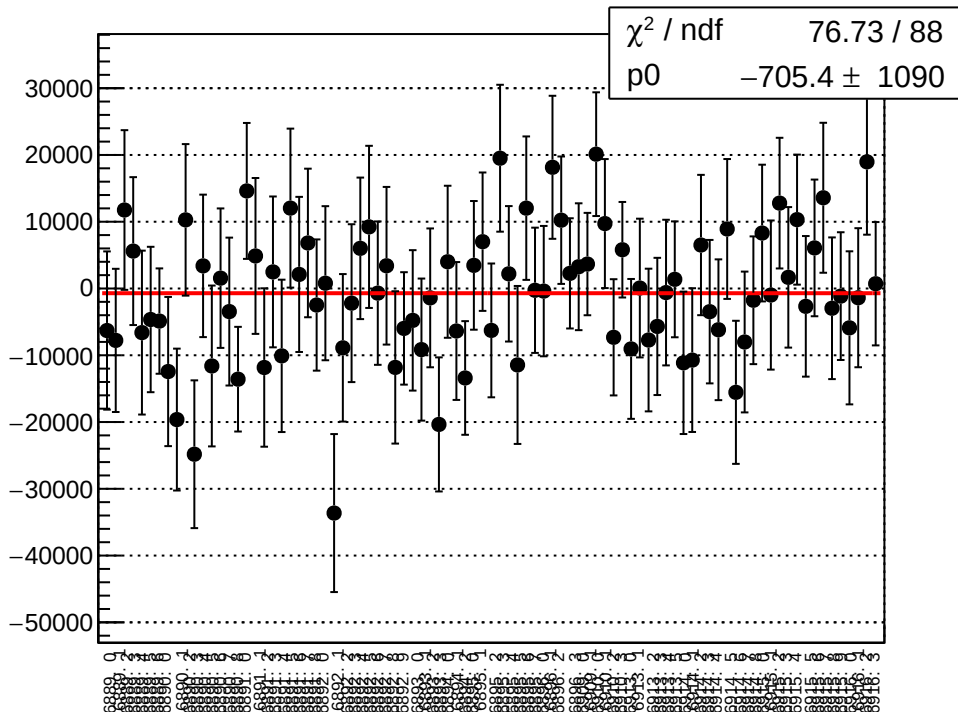
eigen_cor_asym_at2_dd_mean vs run



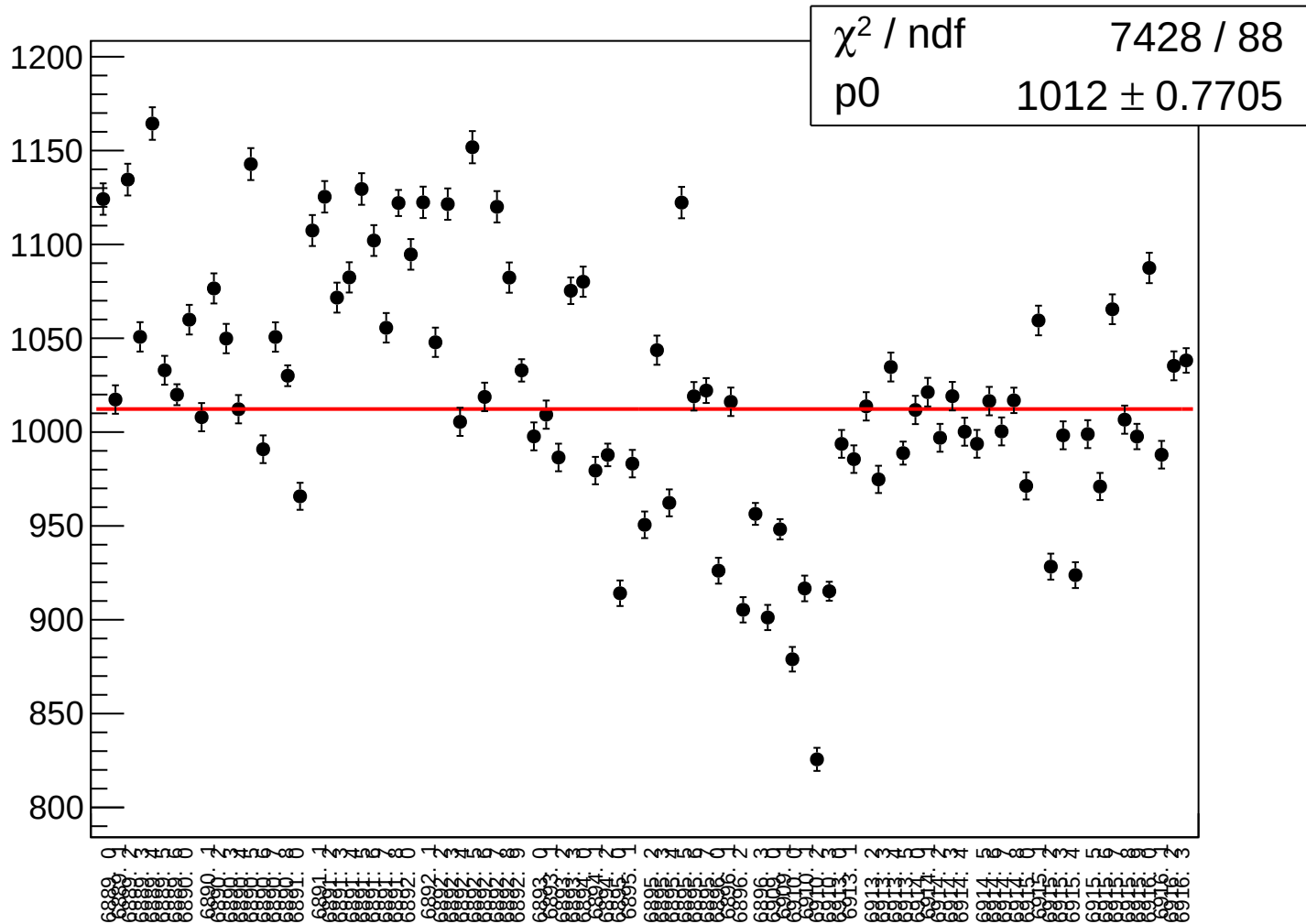
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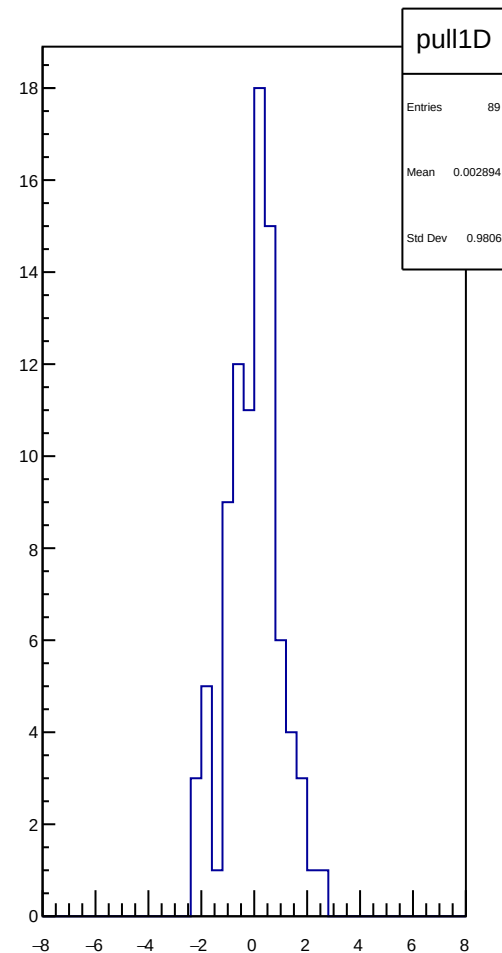
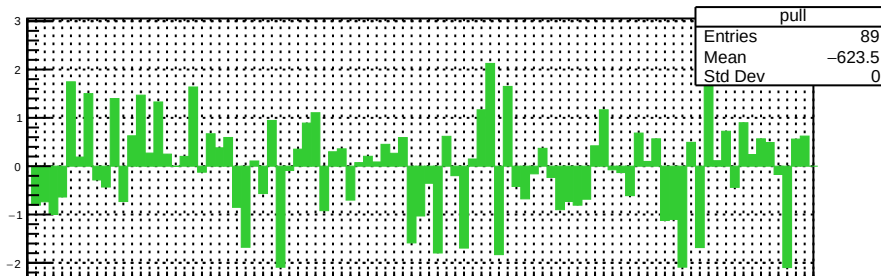
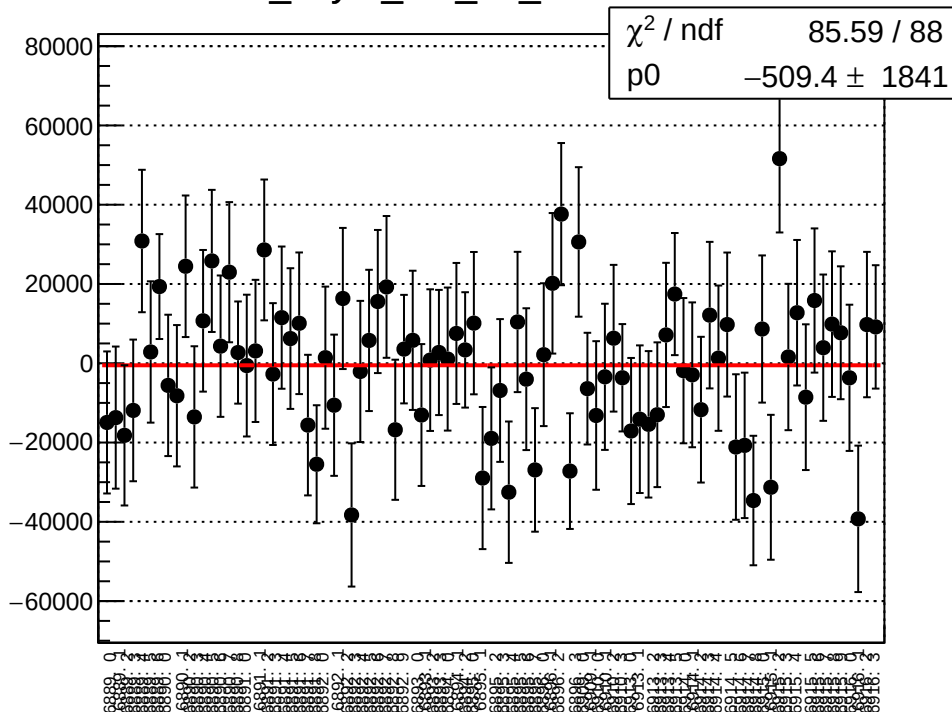
asym_at2_dd_eigen_cor_correction_mean vs run



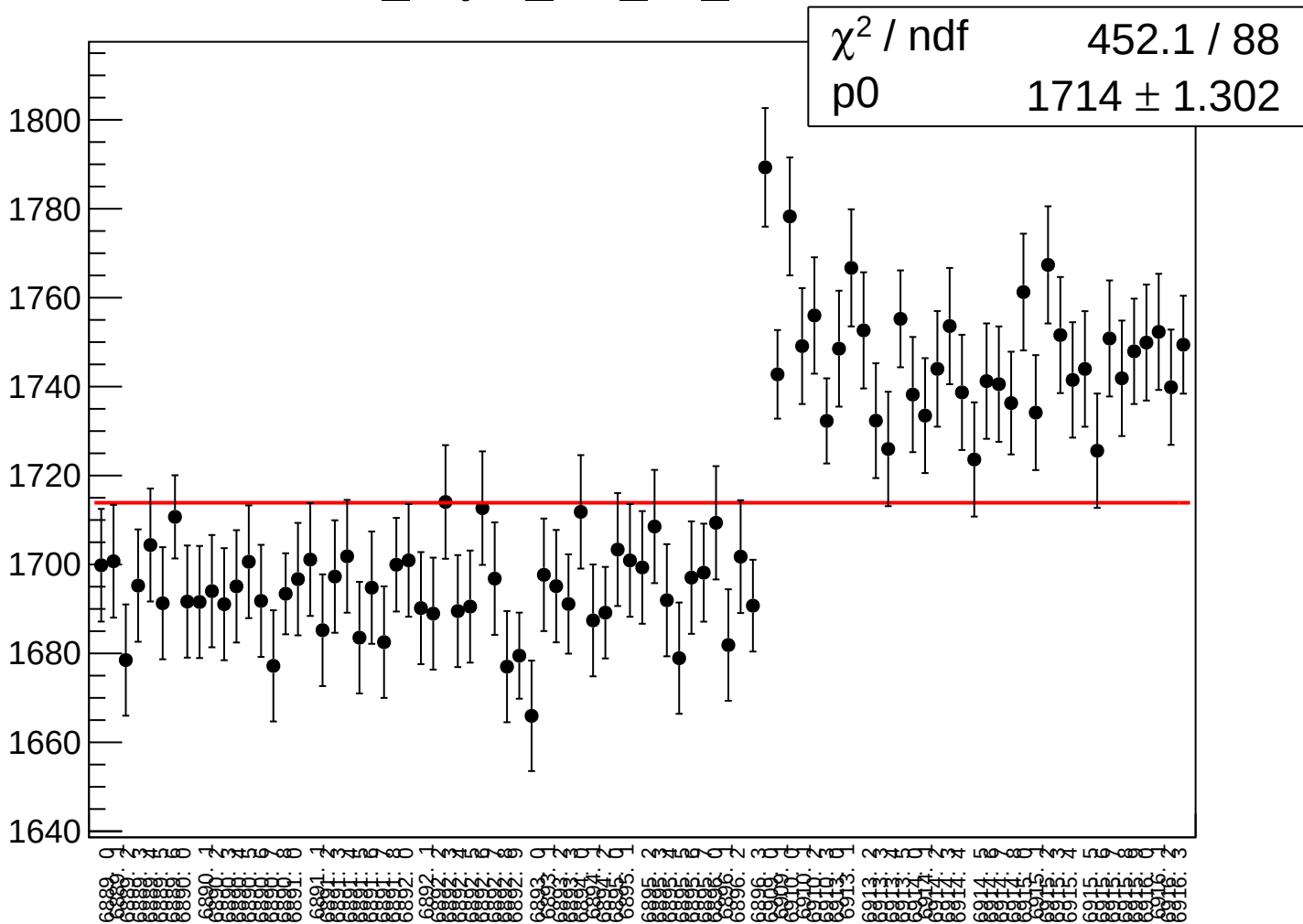
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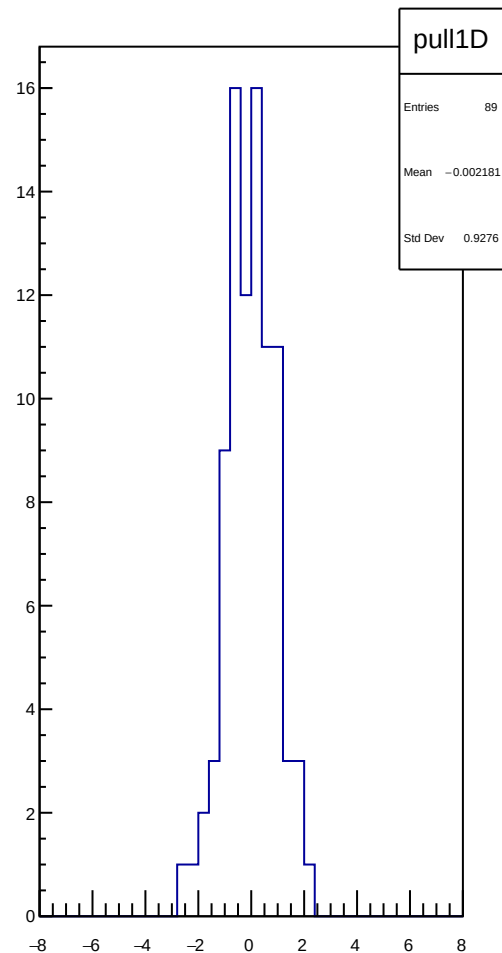
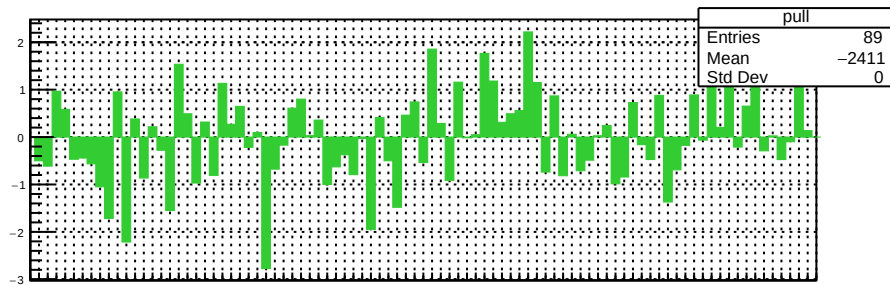
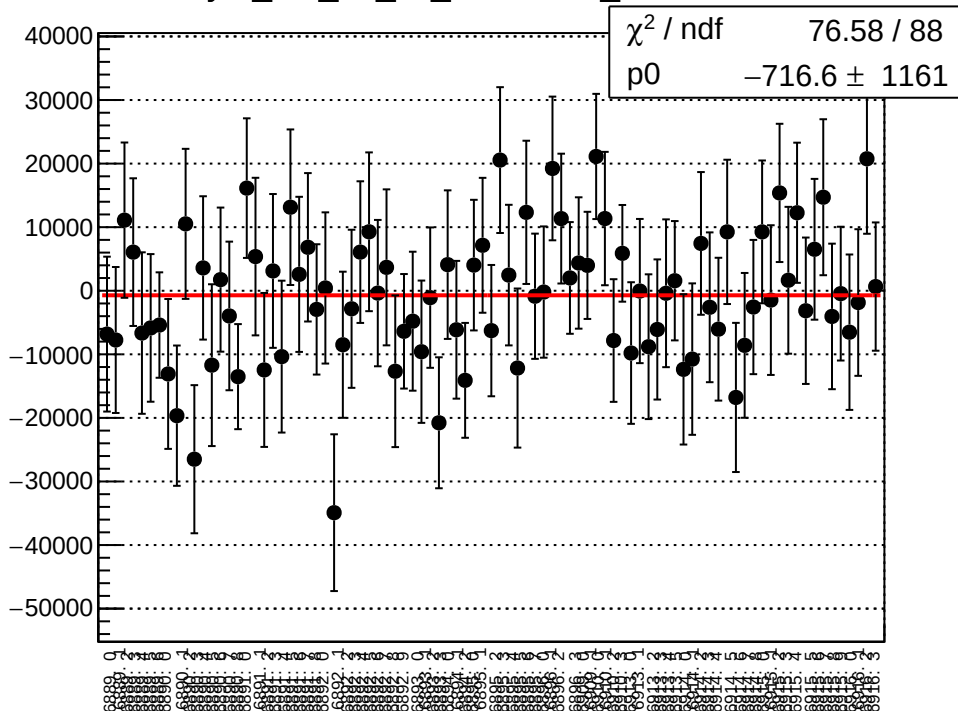
dit_asym_at2_dd_mean vs run



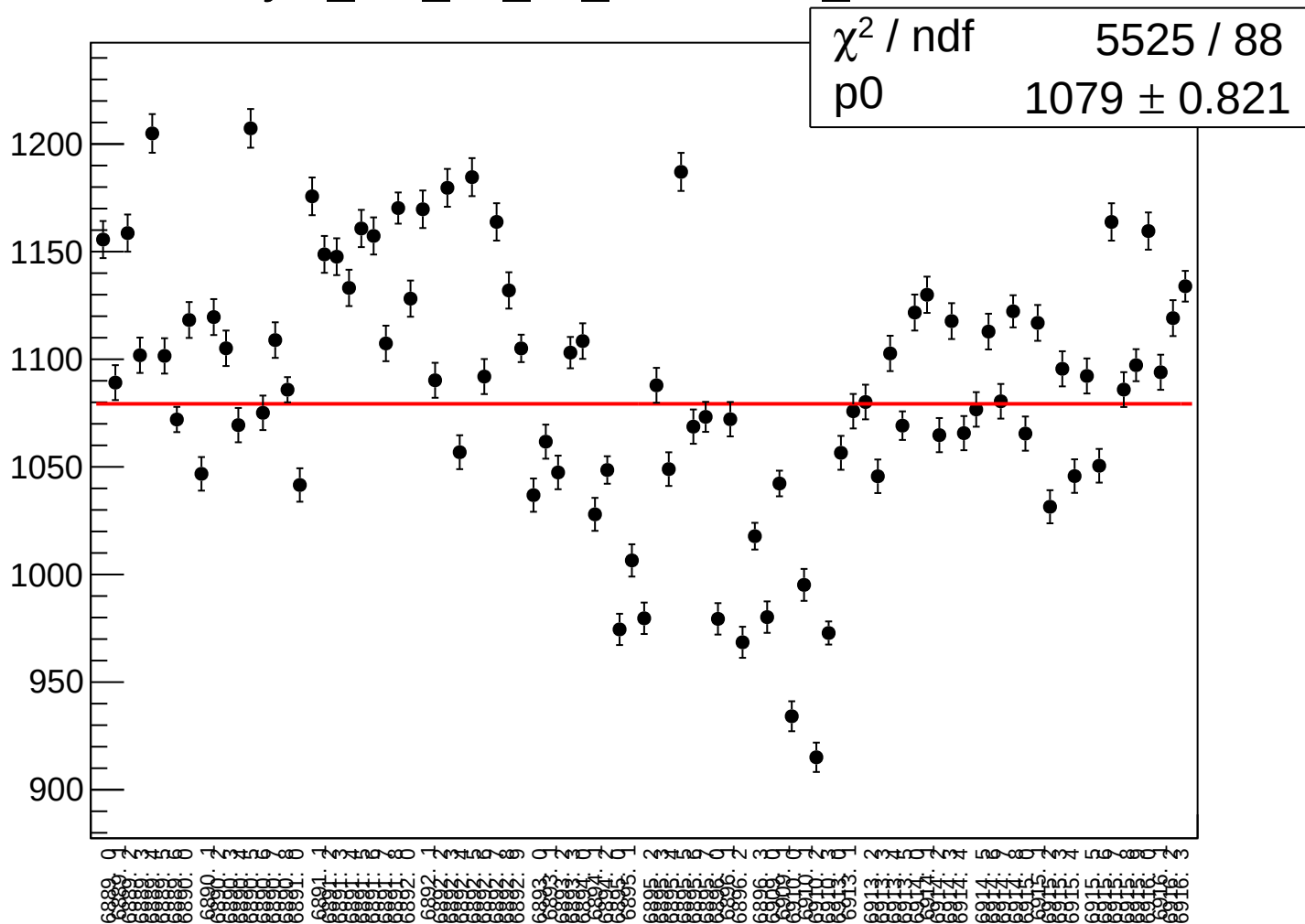
dit_asym_at2_dd_rms vs run



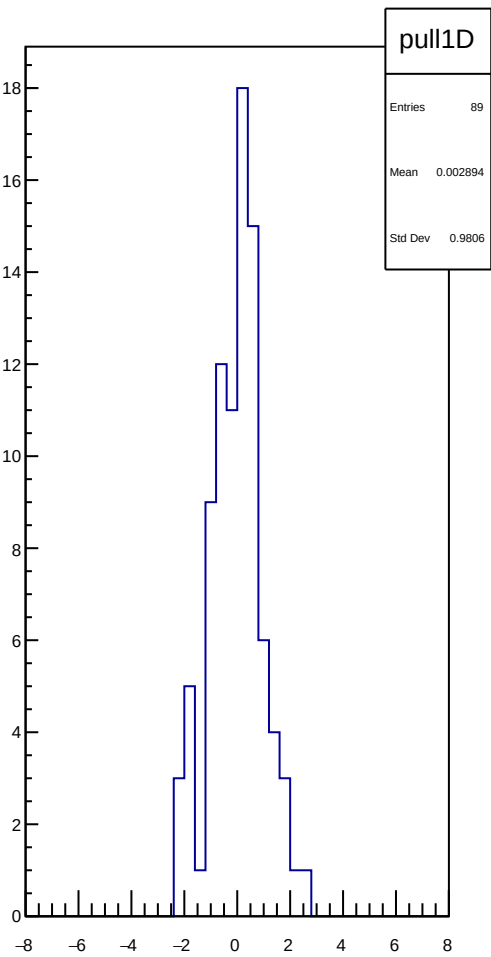
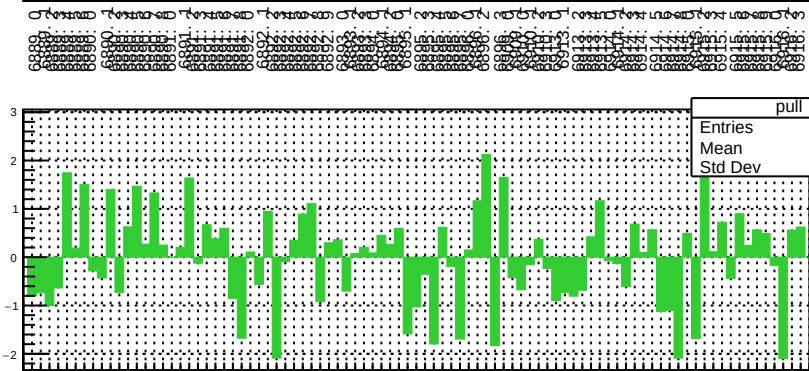
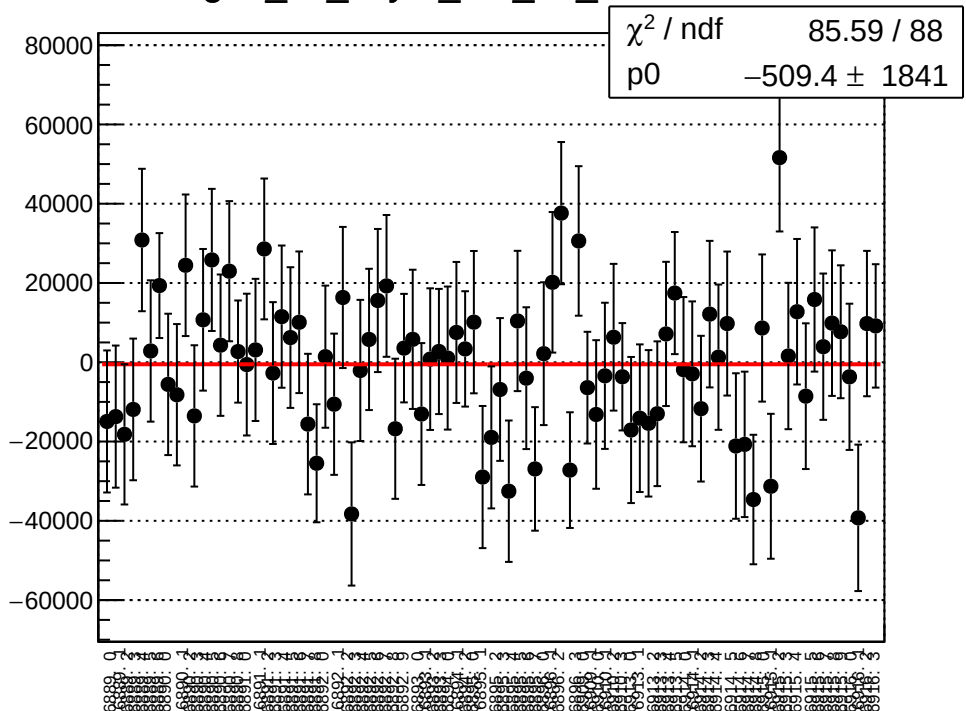
asym_at2_dd_dit_correction_mean vs run



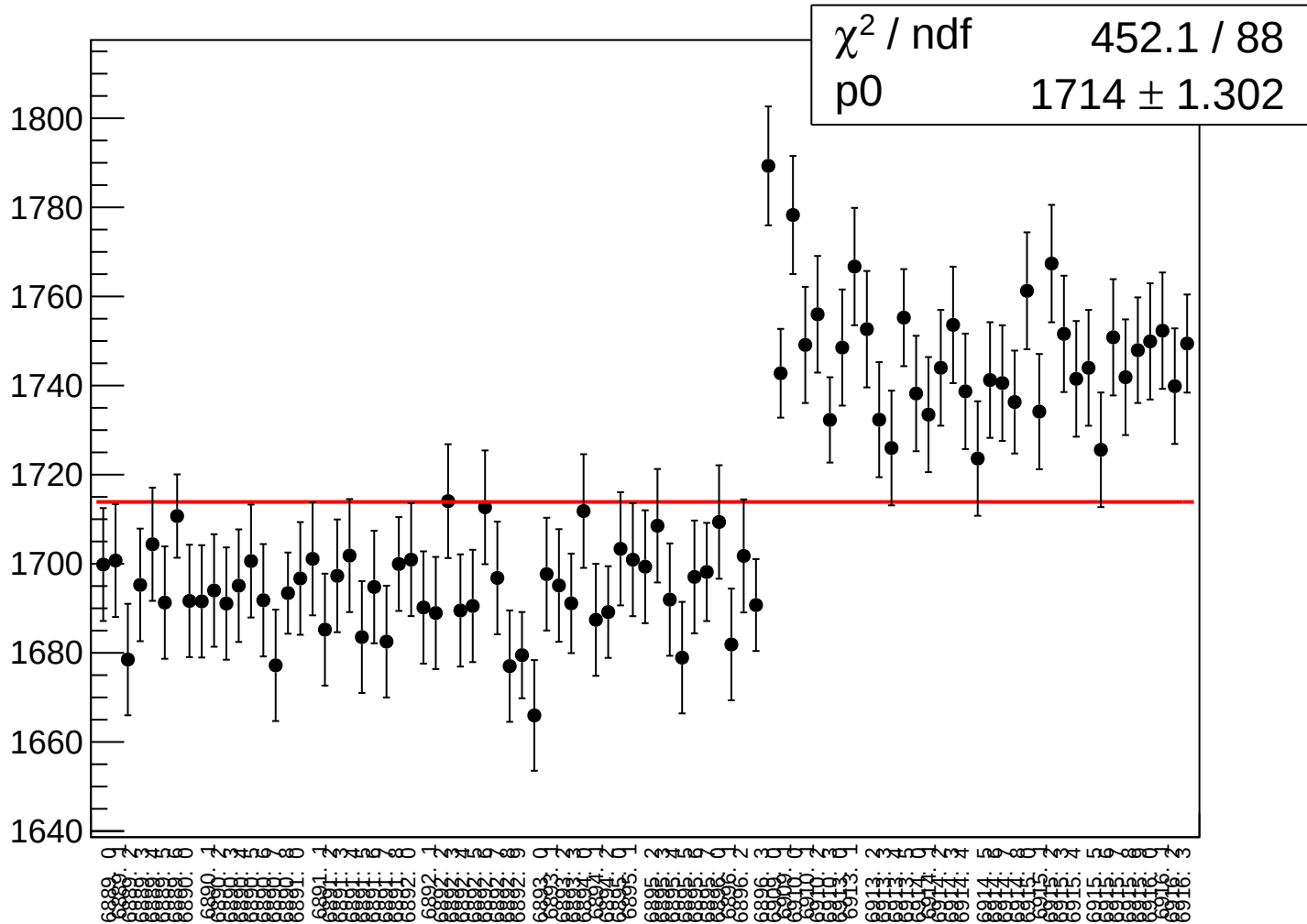
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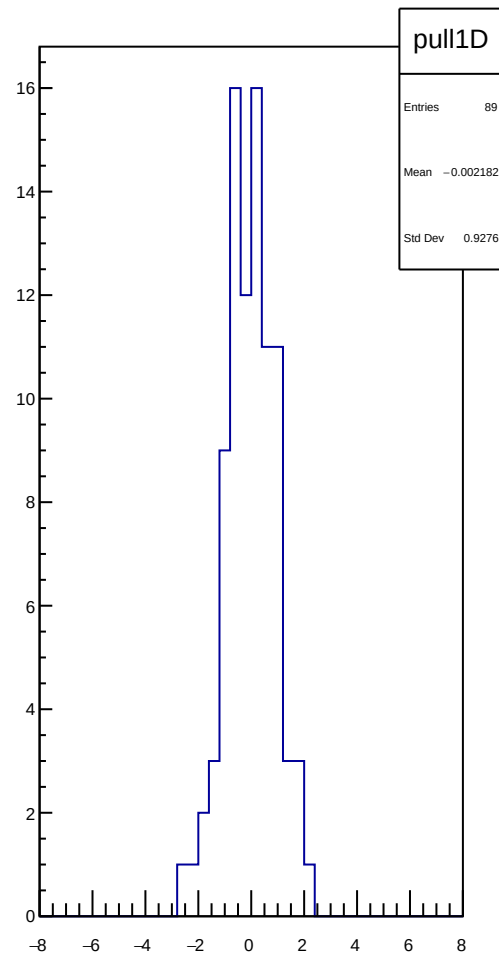
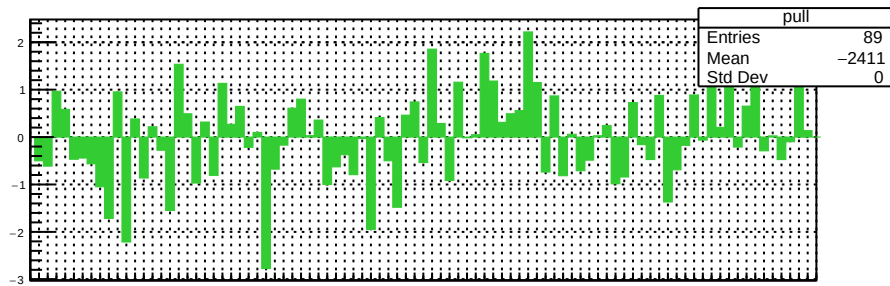
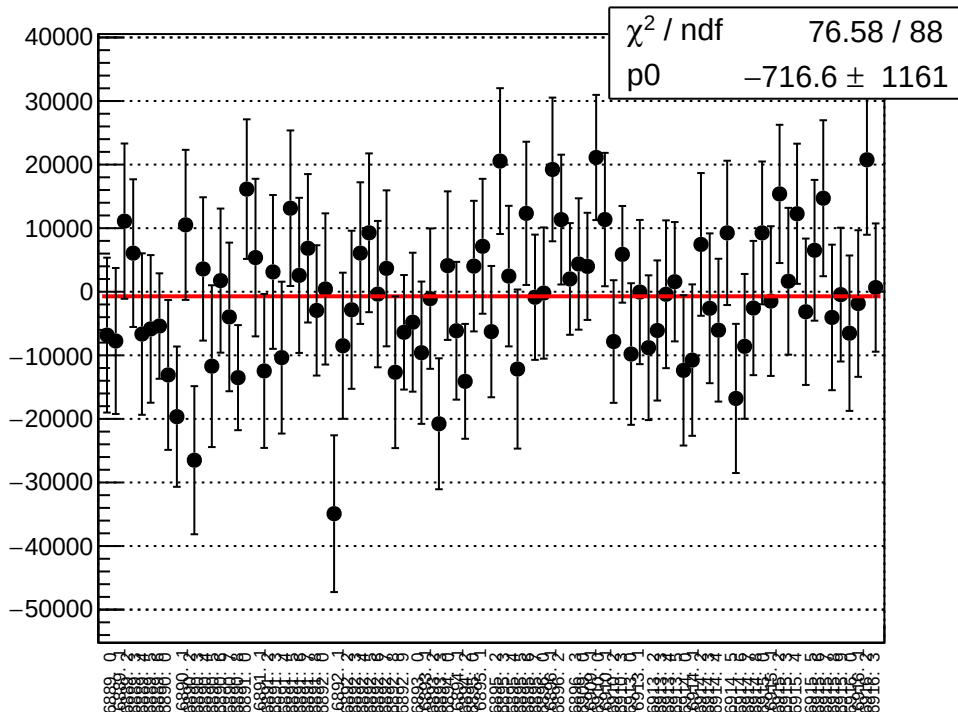
eigen_dit_asym_at2_dd_mean vs run



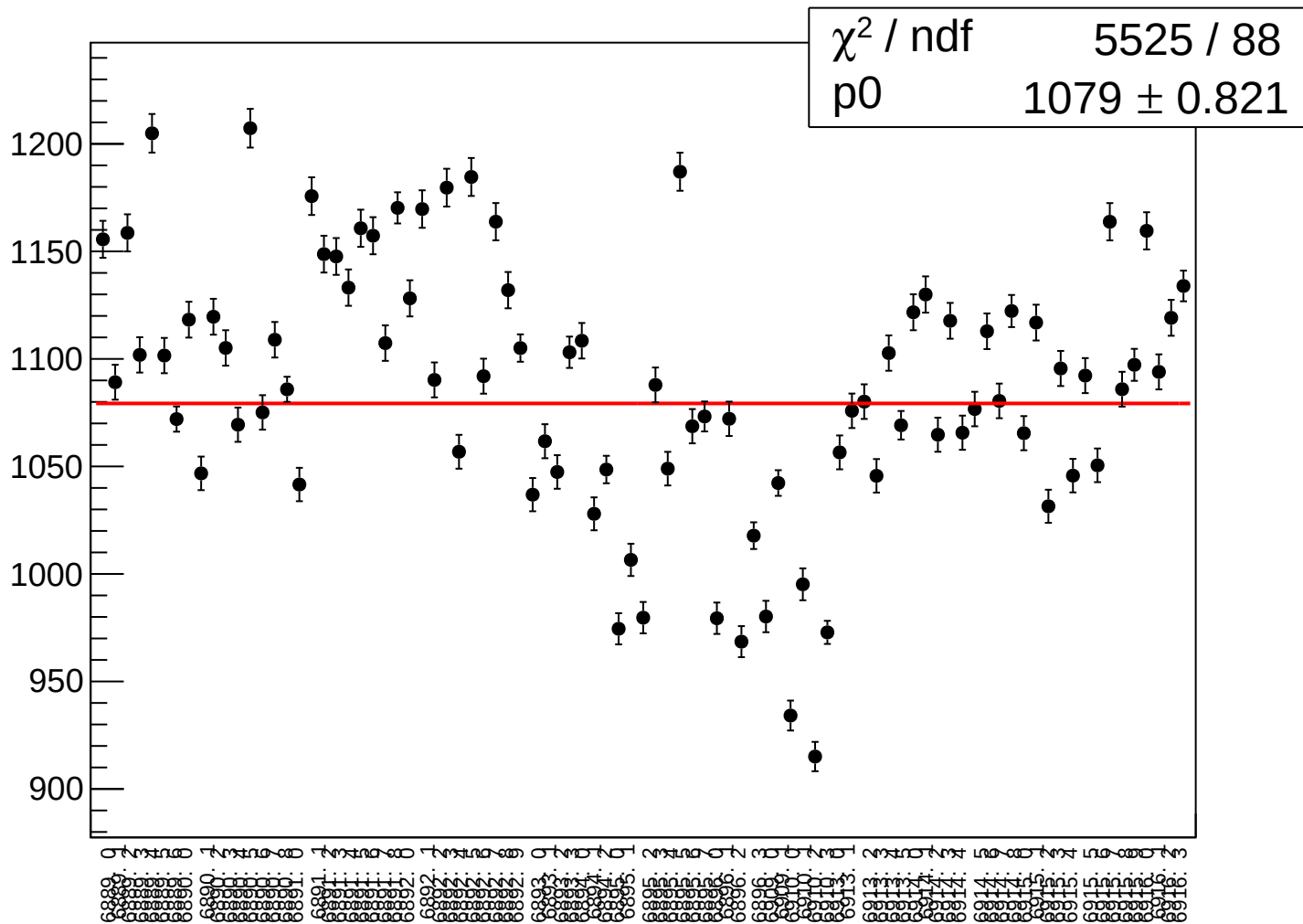
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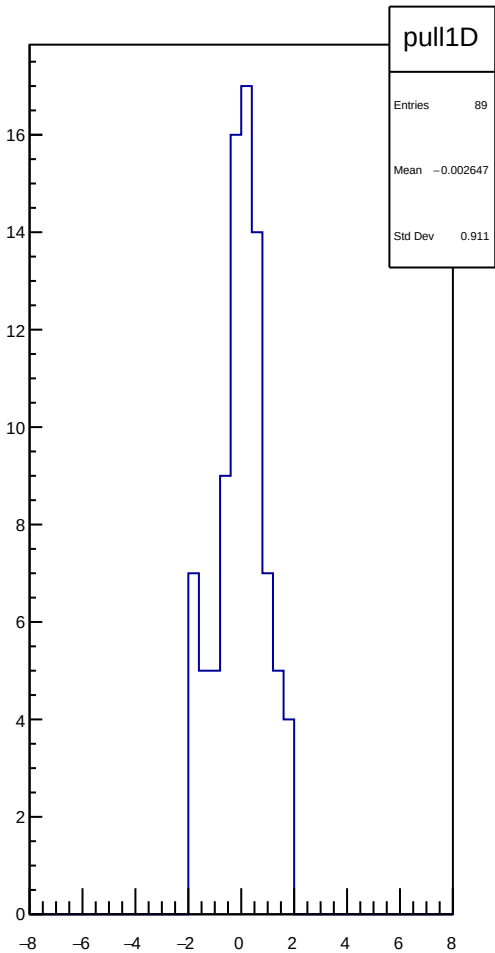
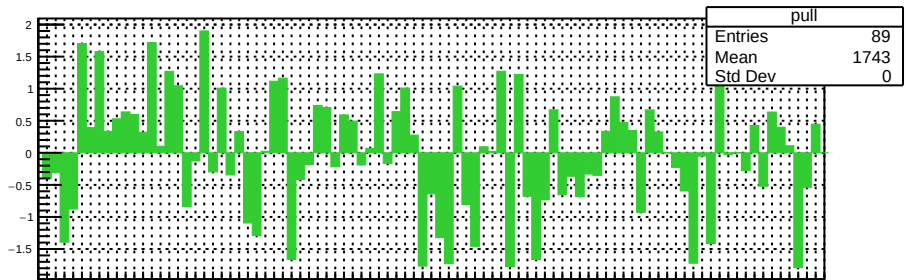
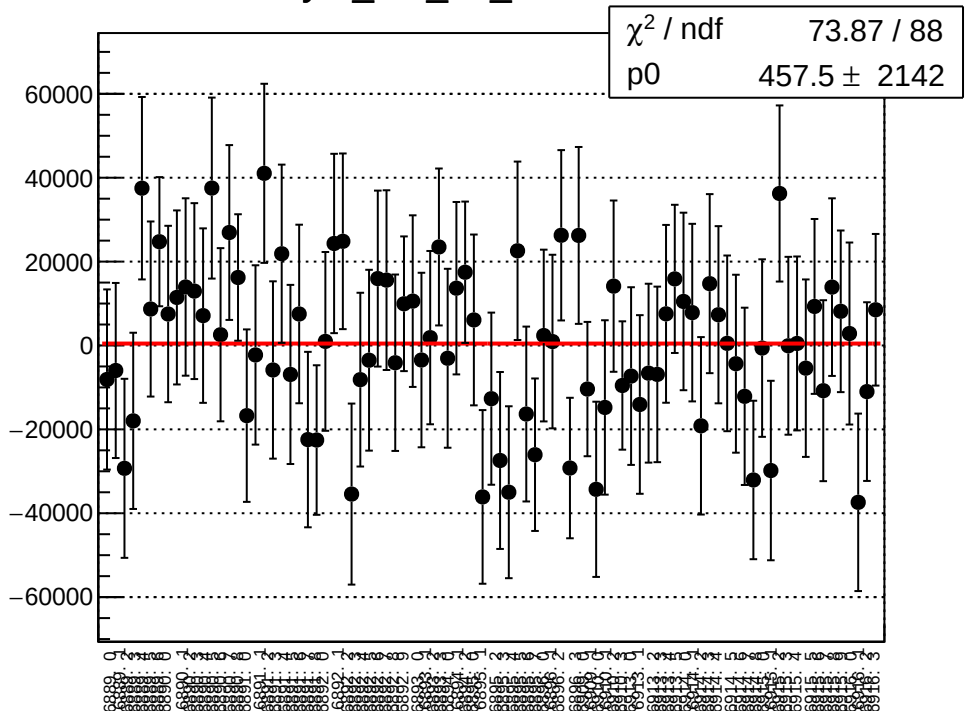
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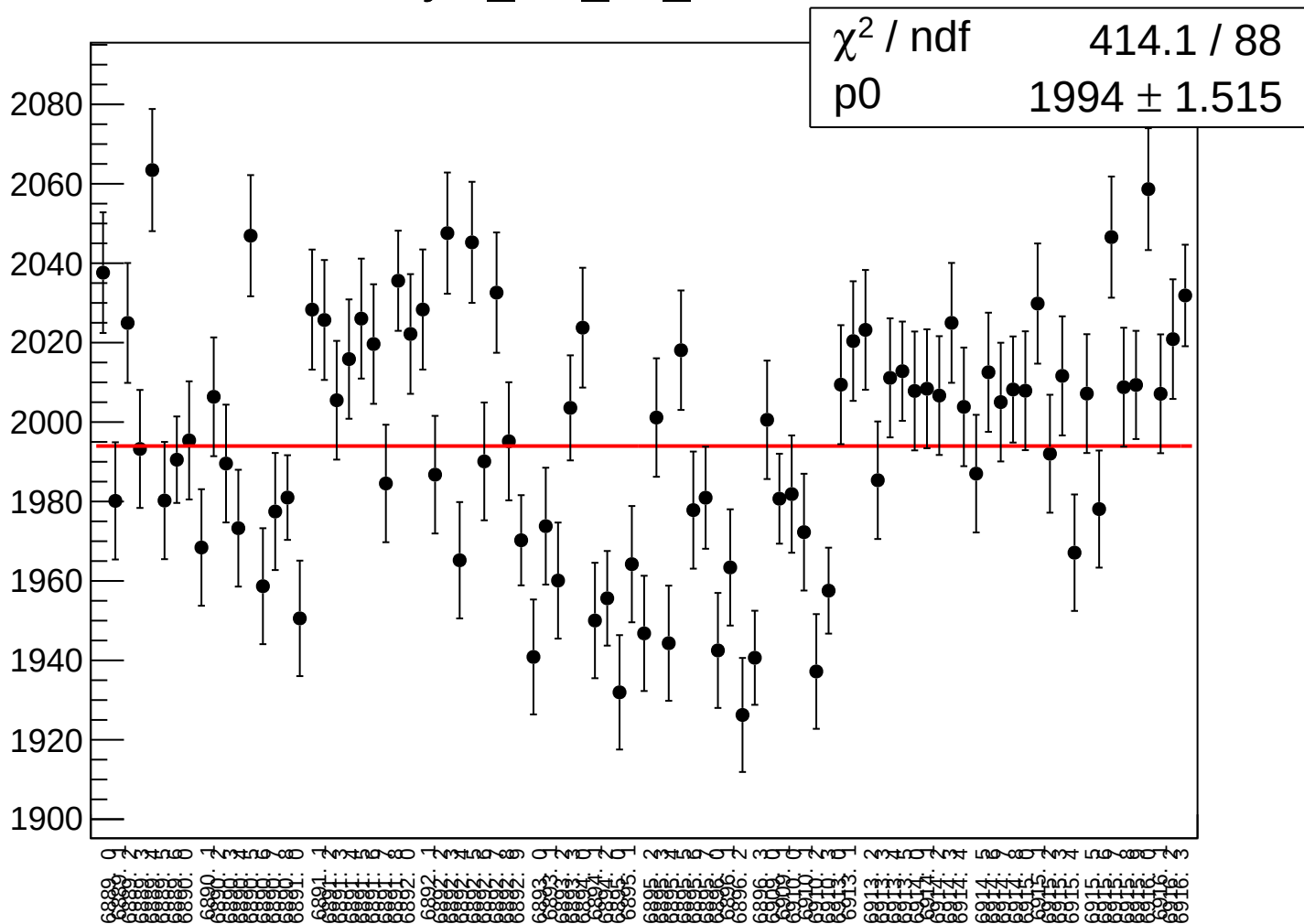
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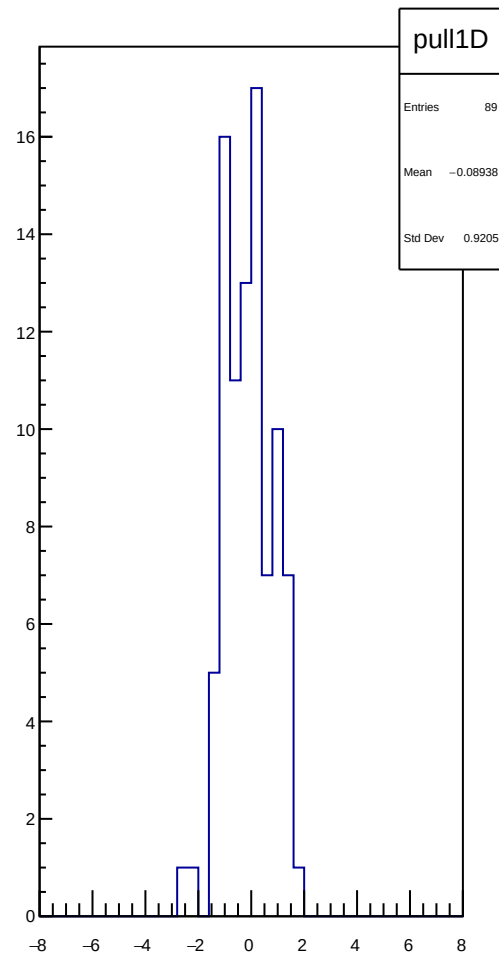
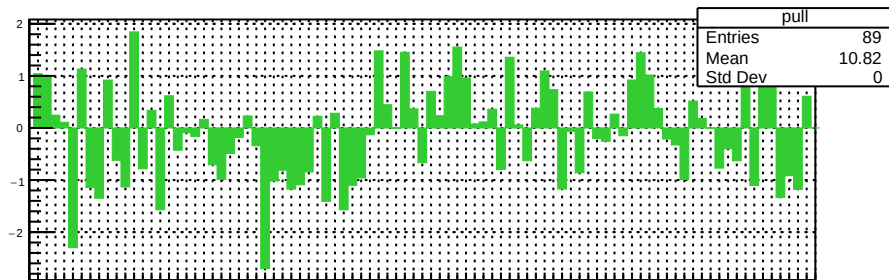
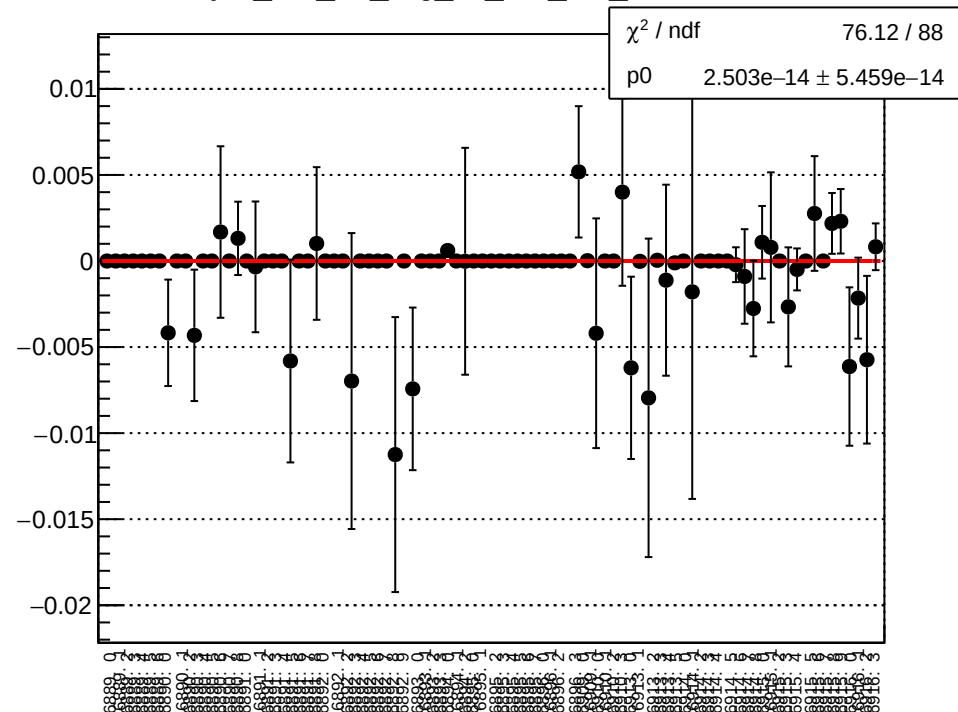
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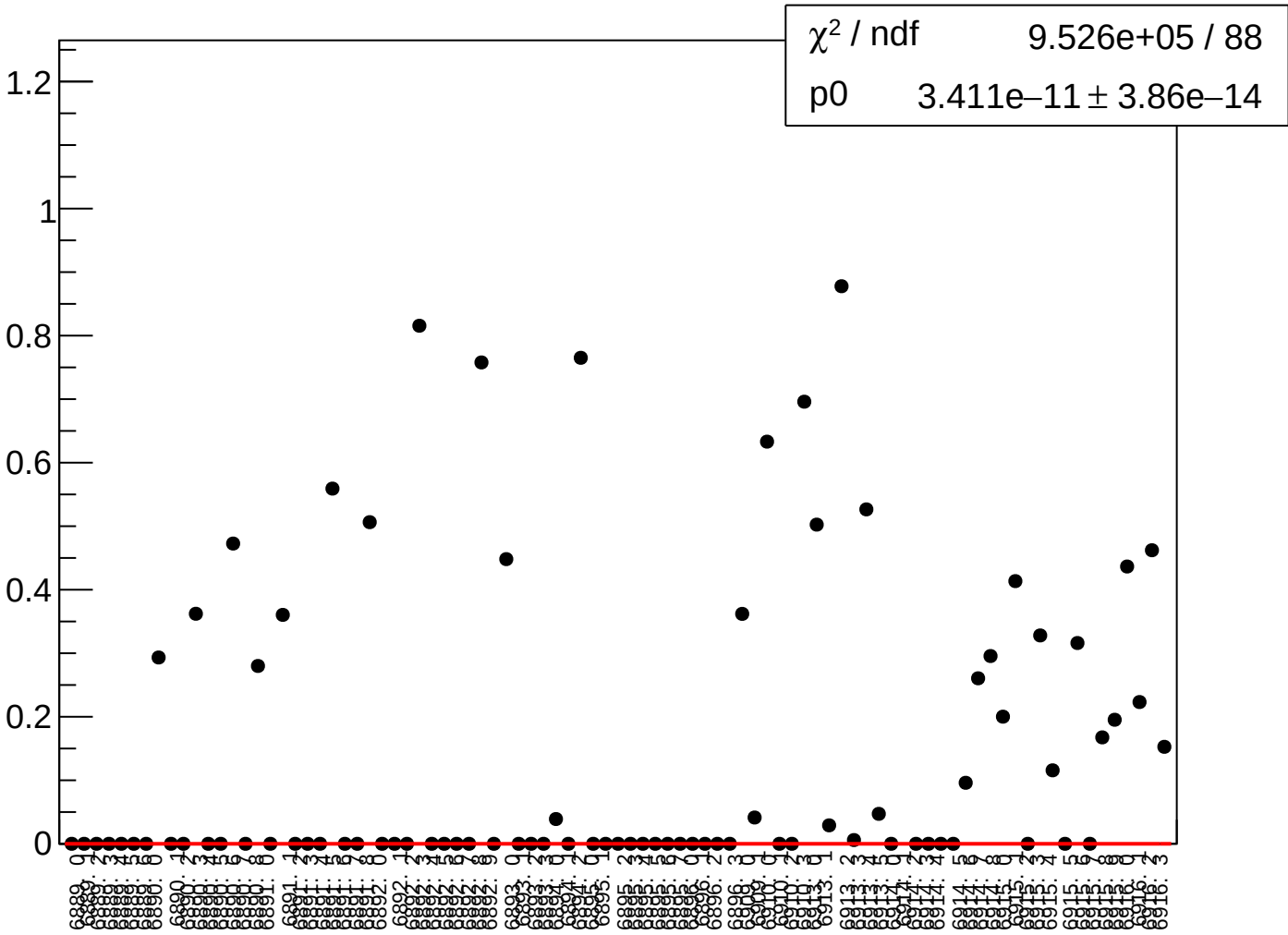
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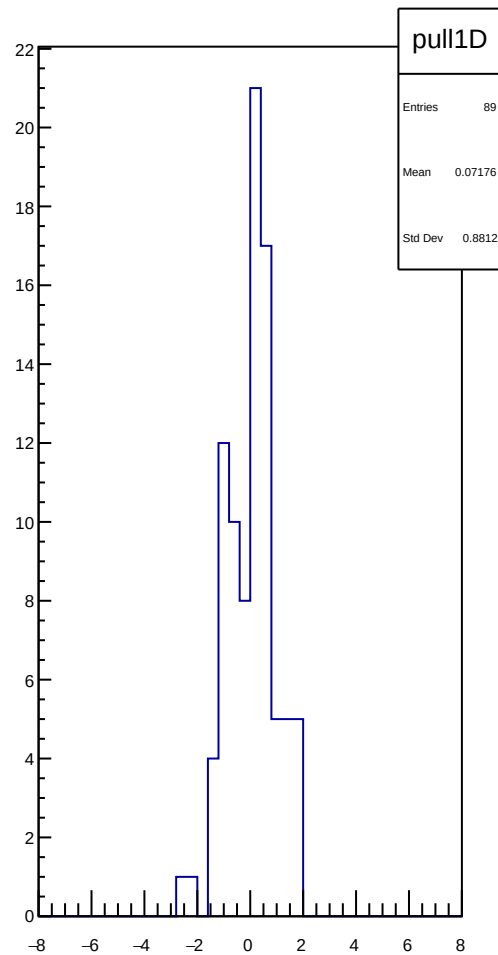
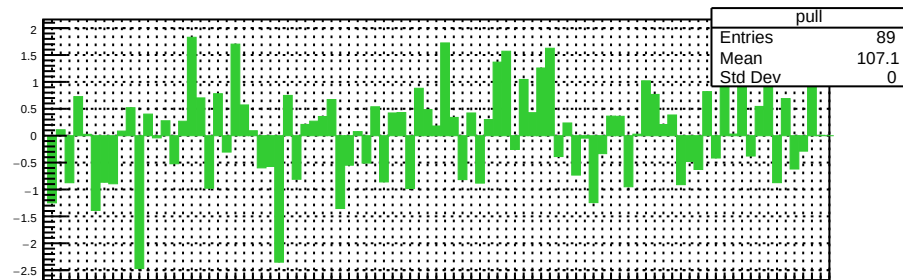
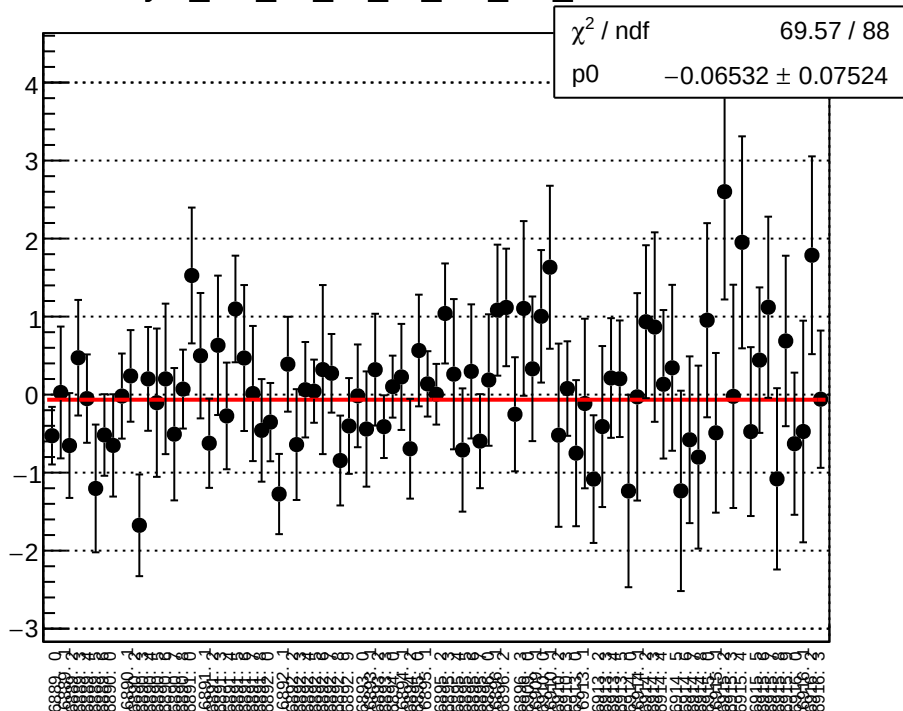
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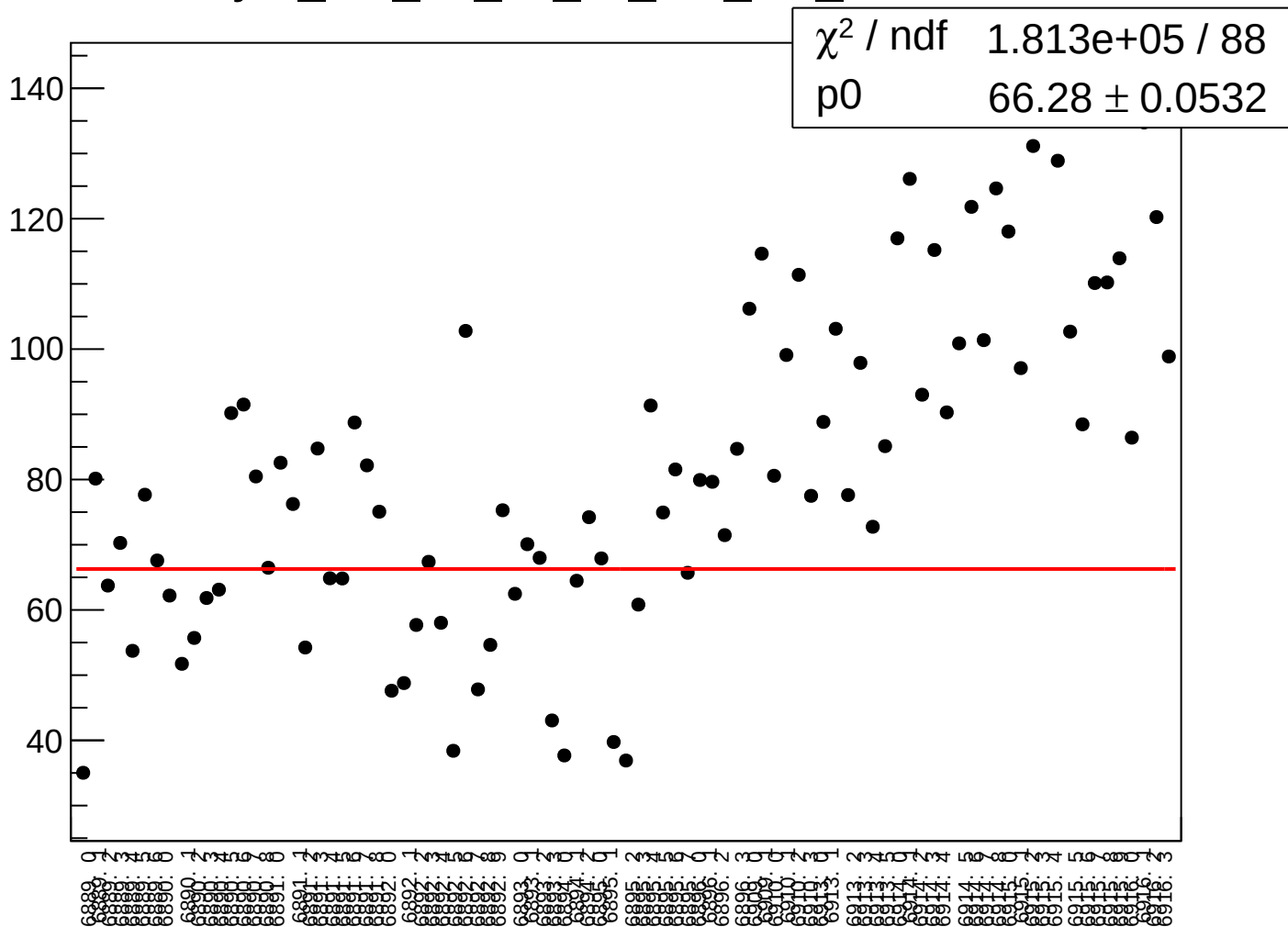
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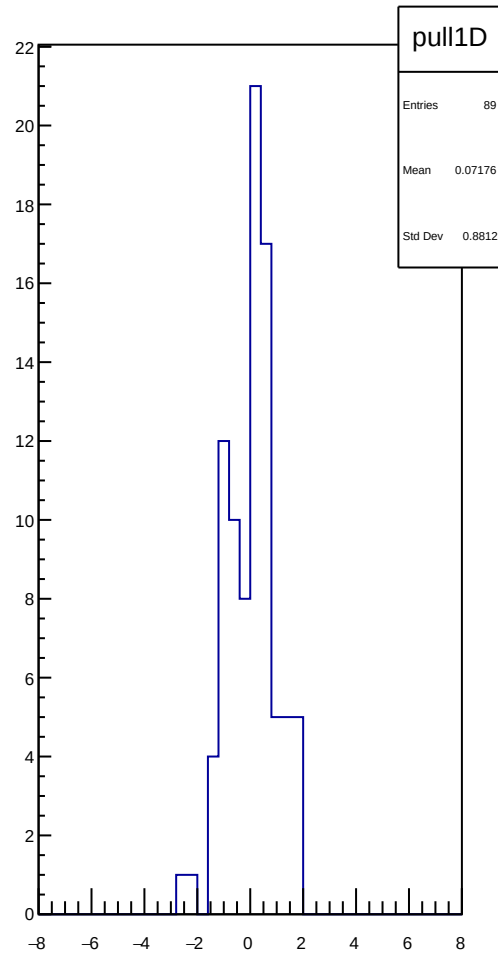
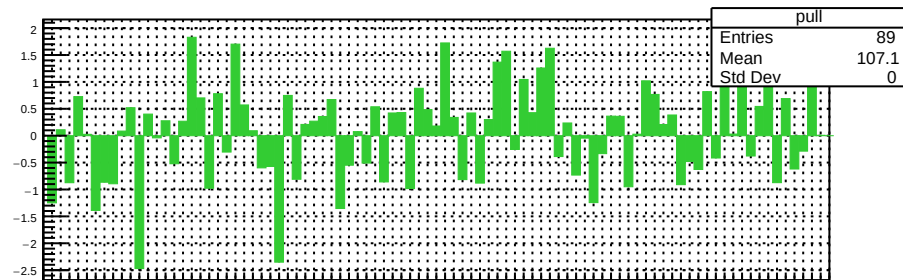
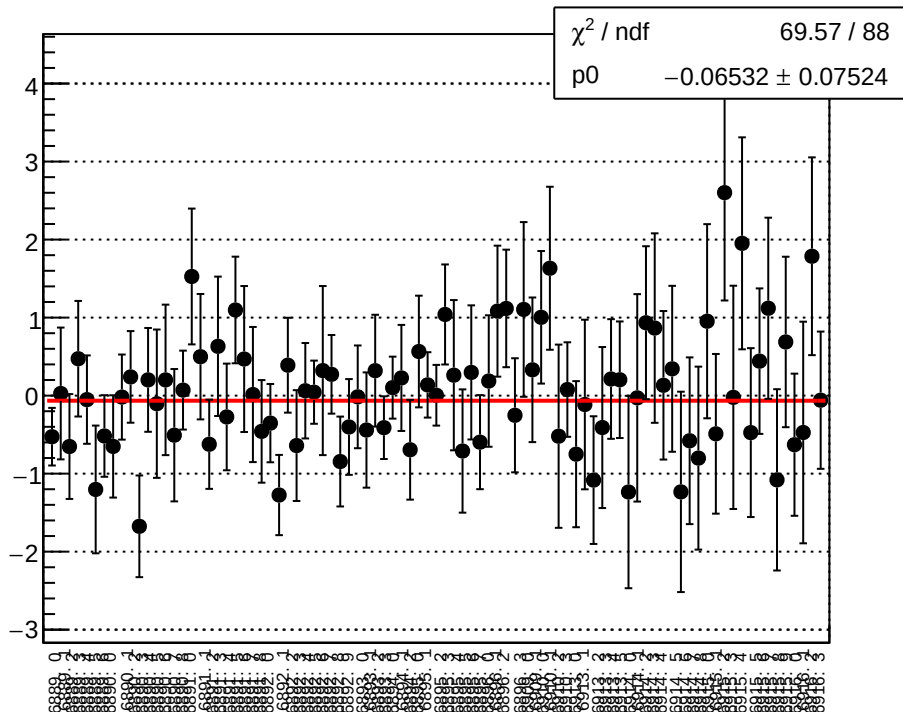
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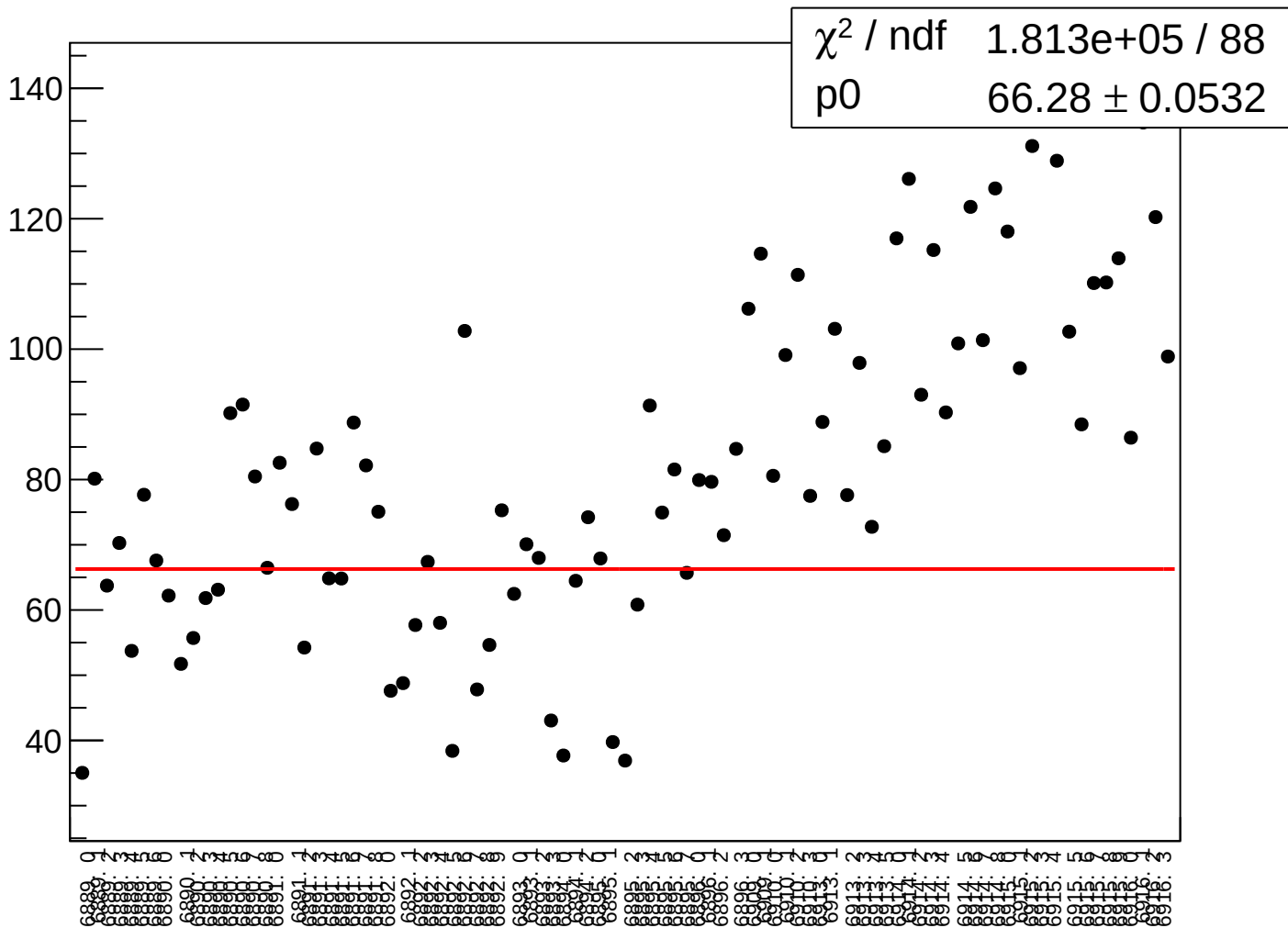
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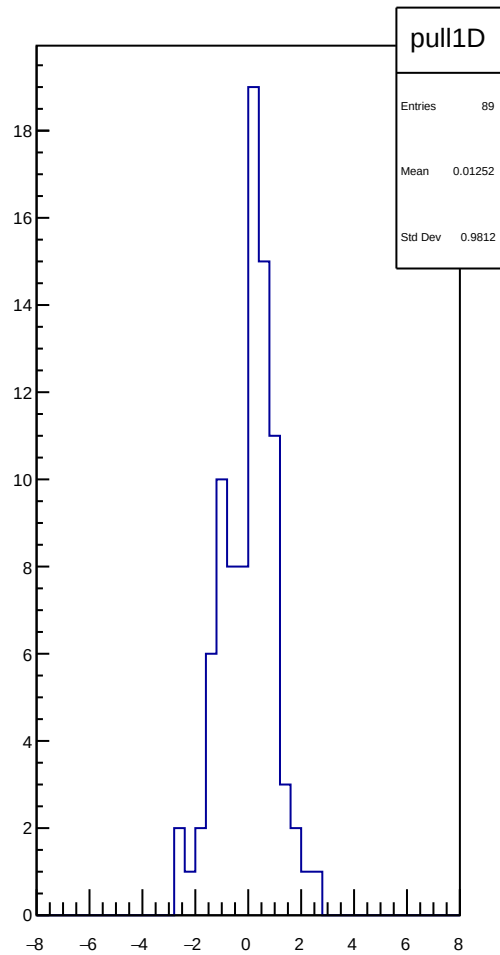
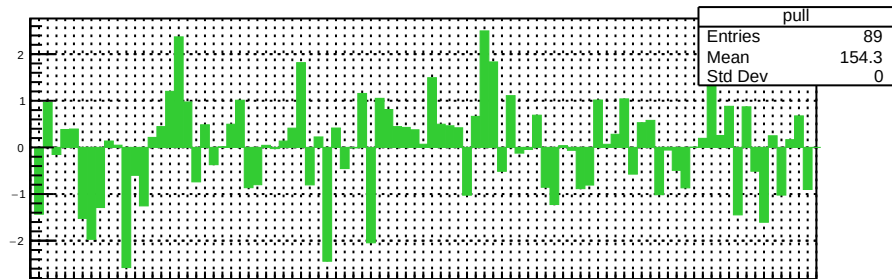
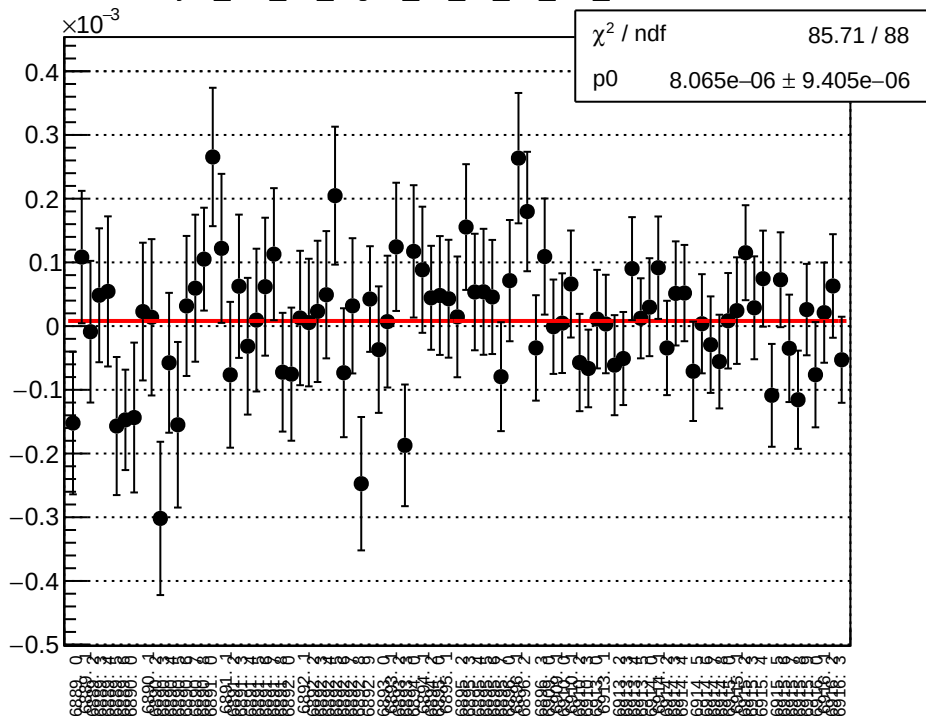
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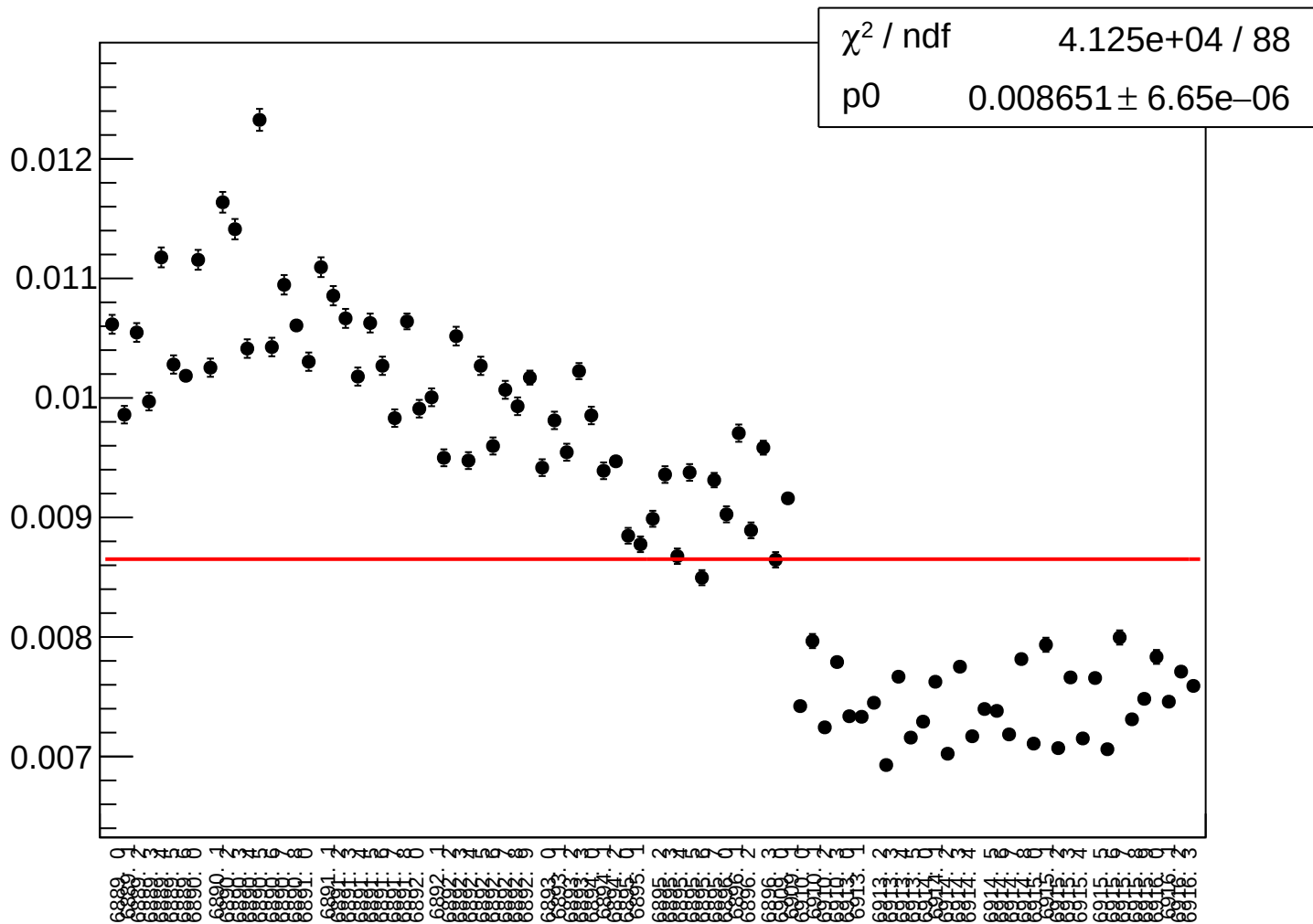
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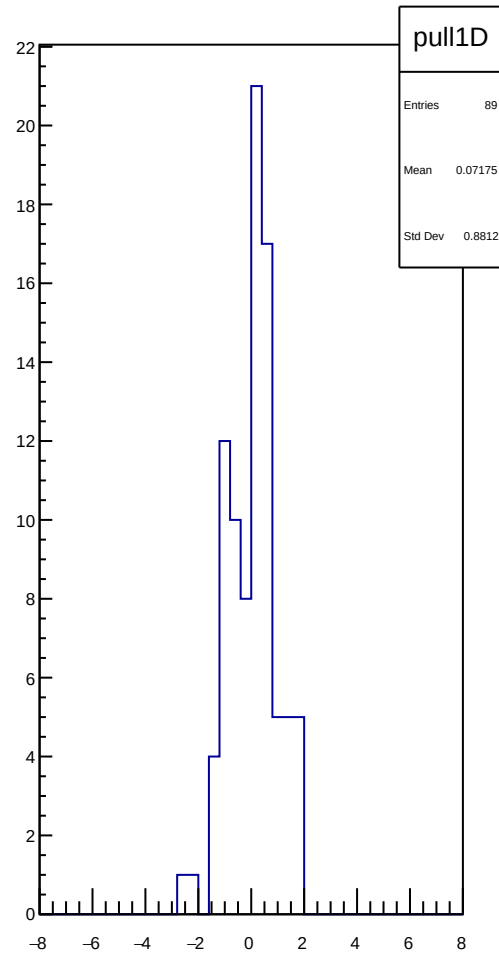
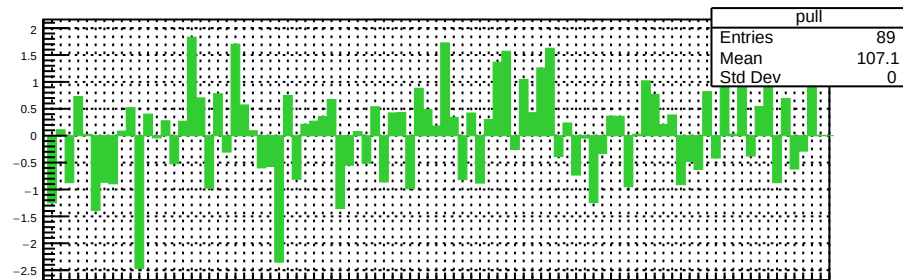
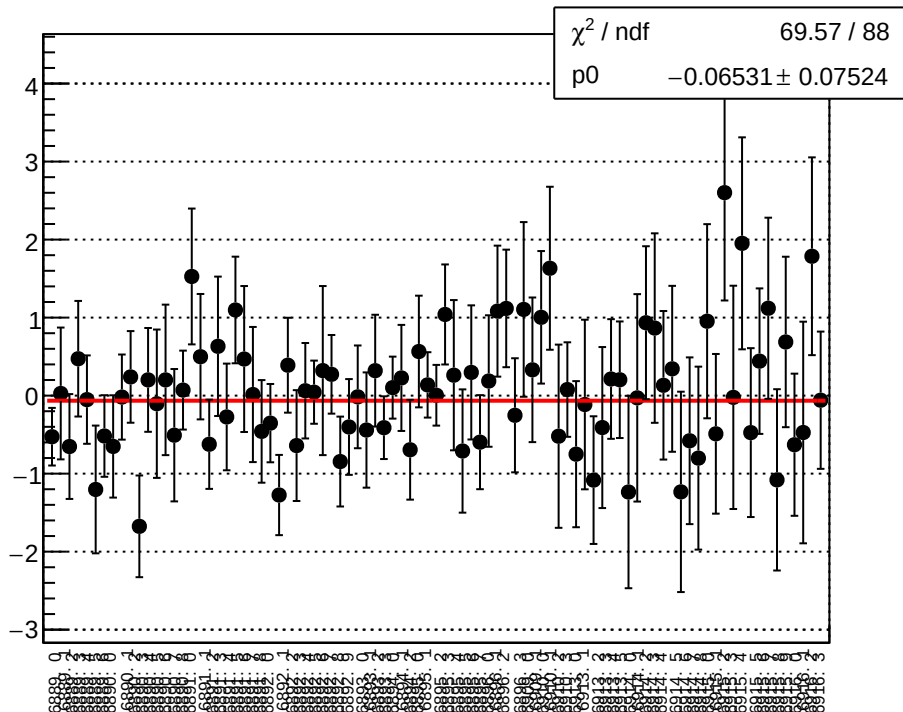
asym at2 dd eigen dit vs dit diff mean vs run



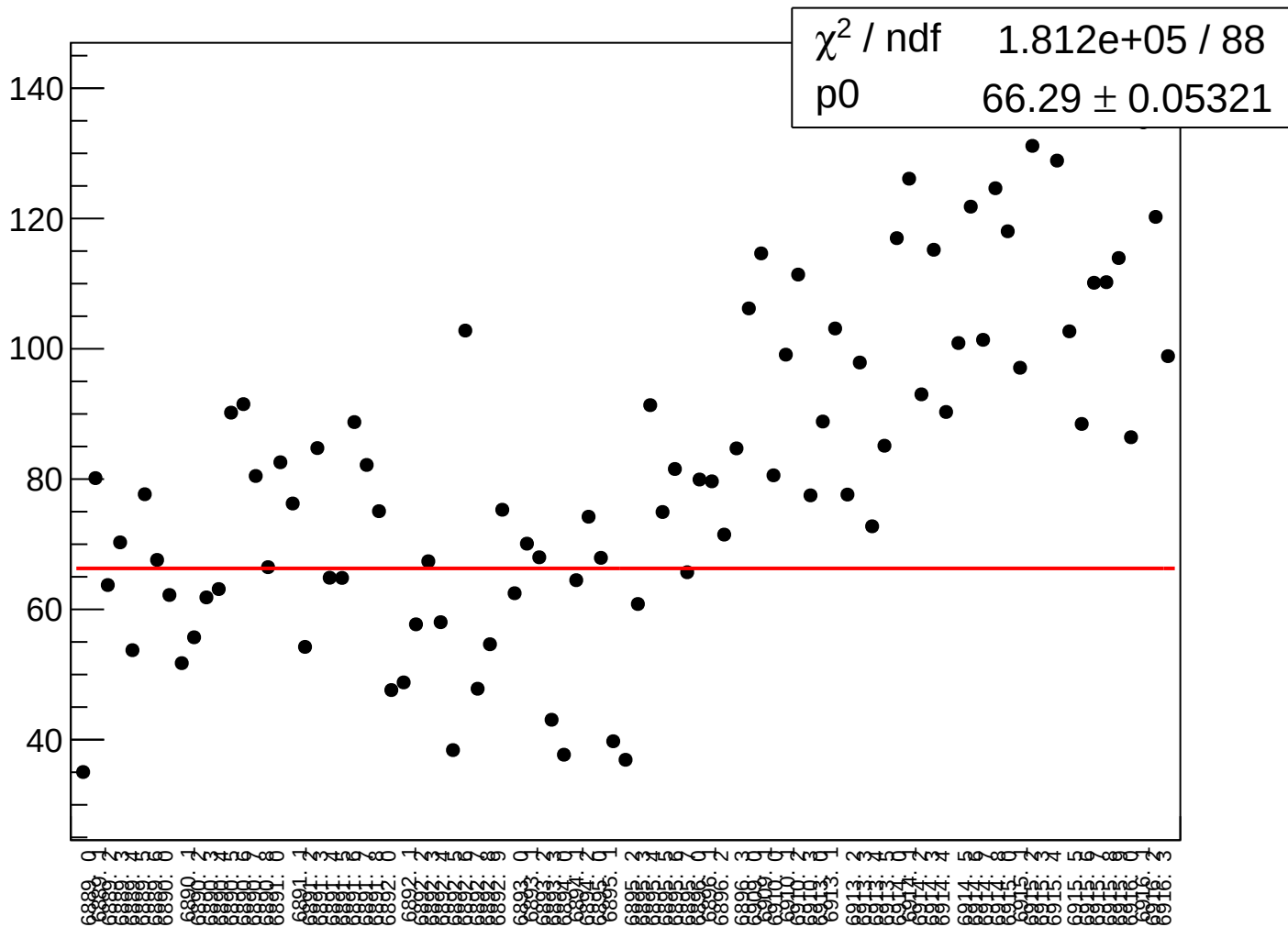
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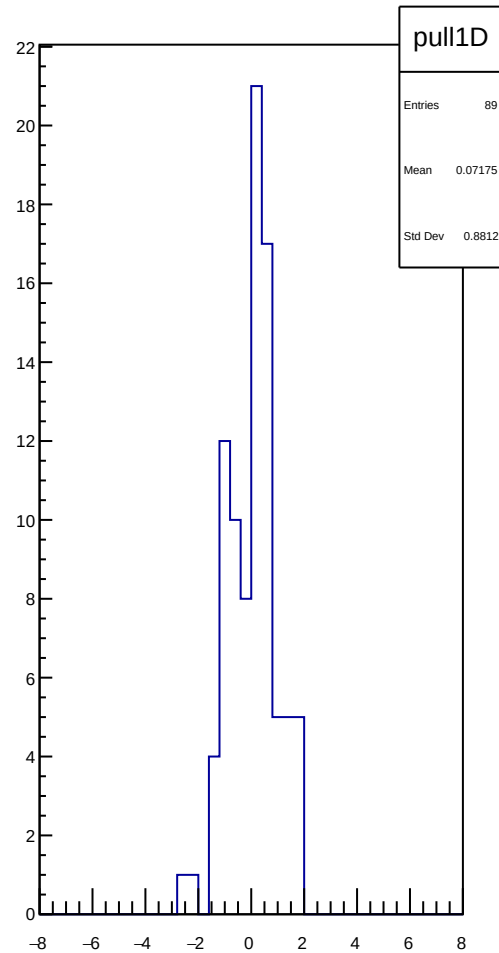
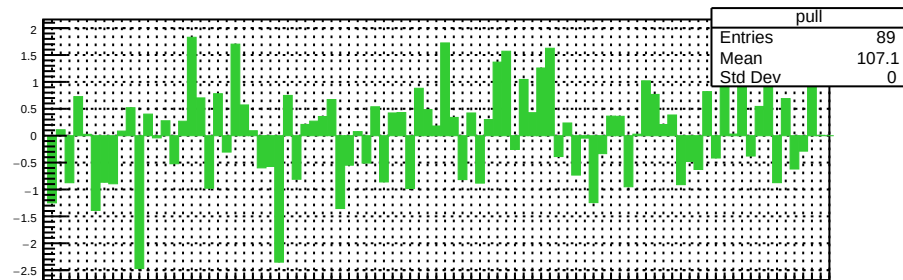
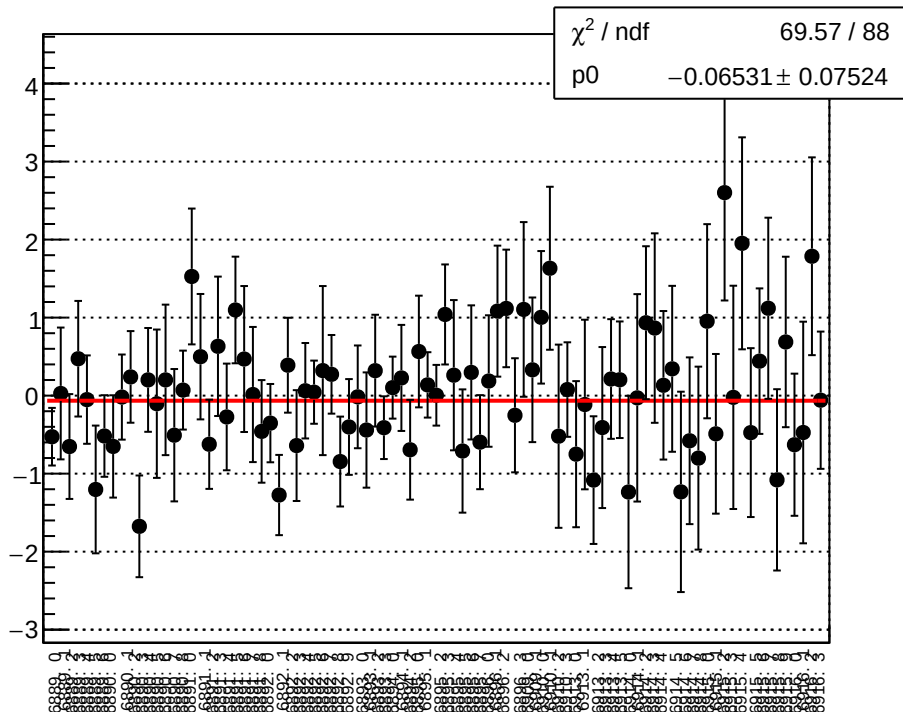
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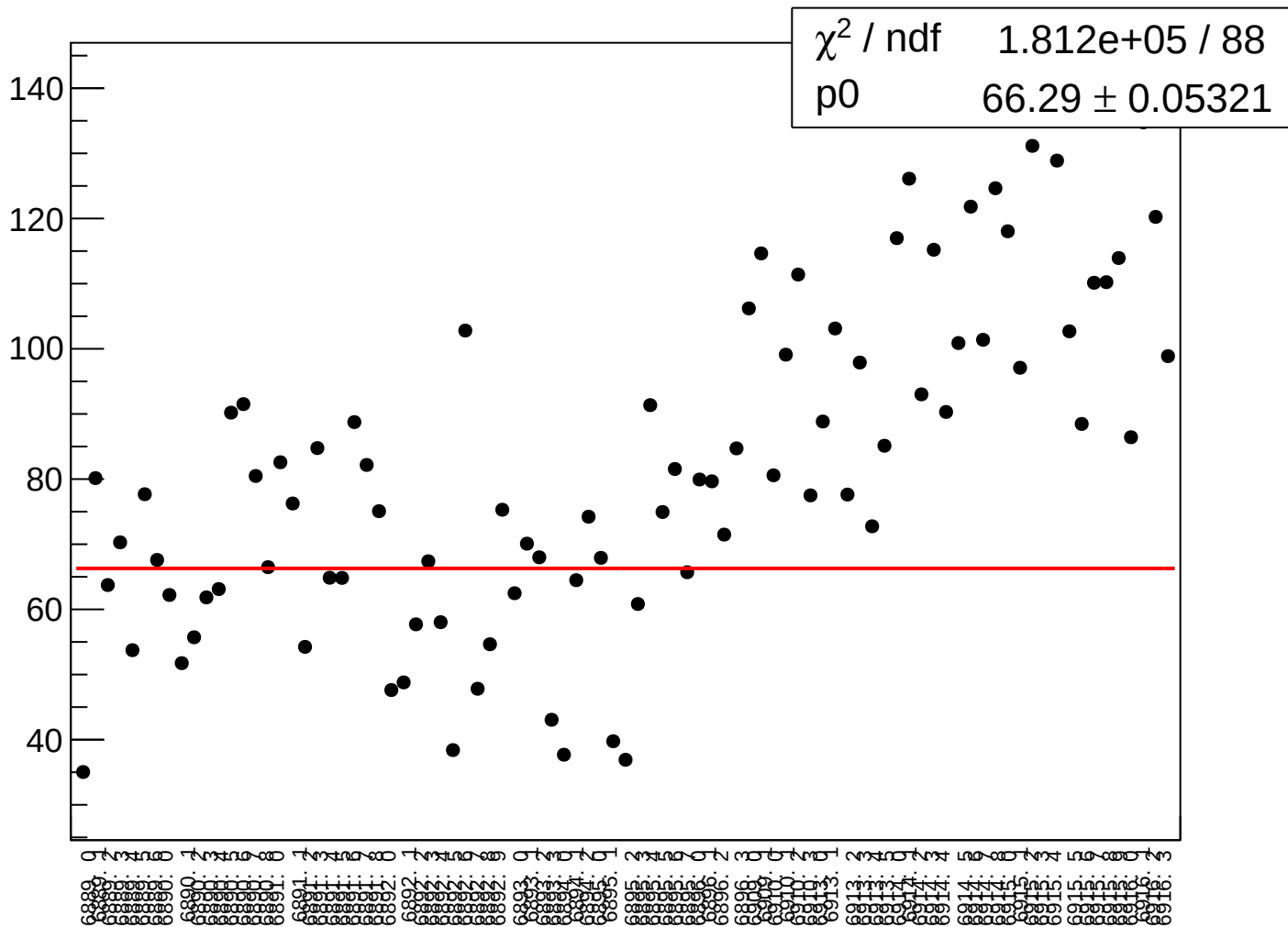
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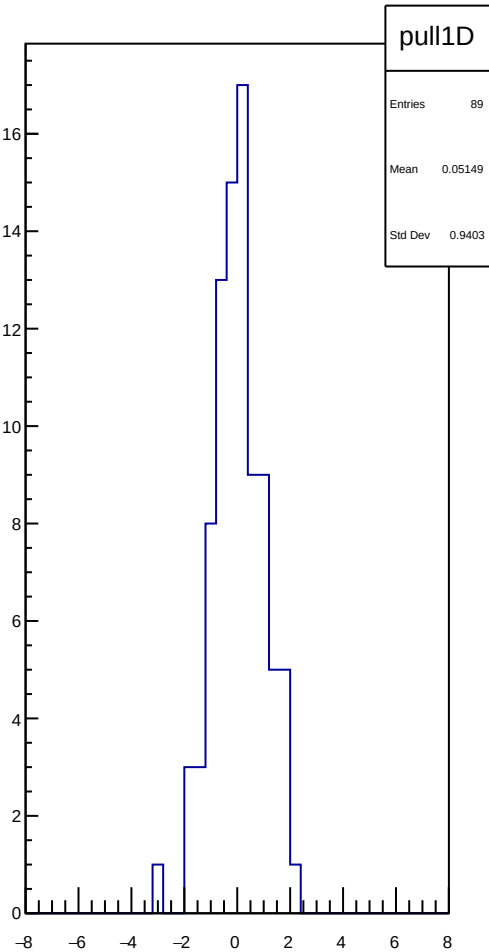
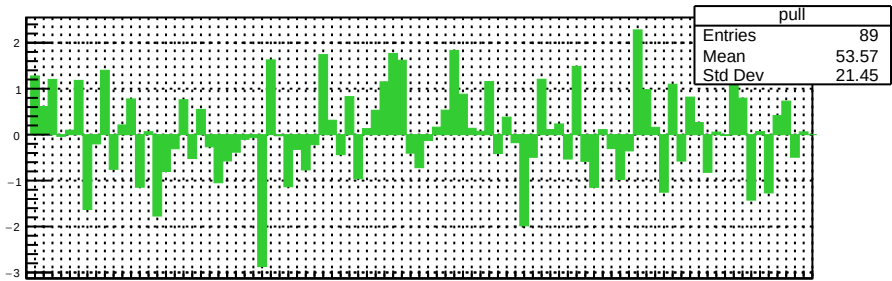
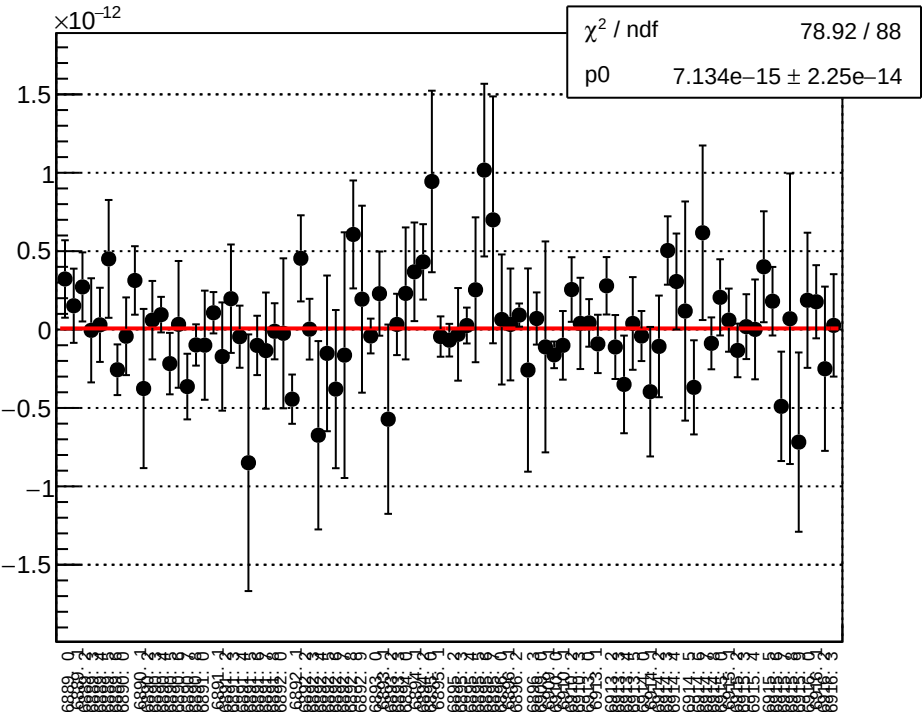
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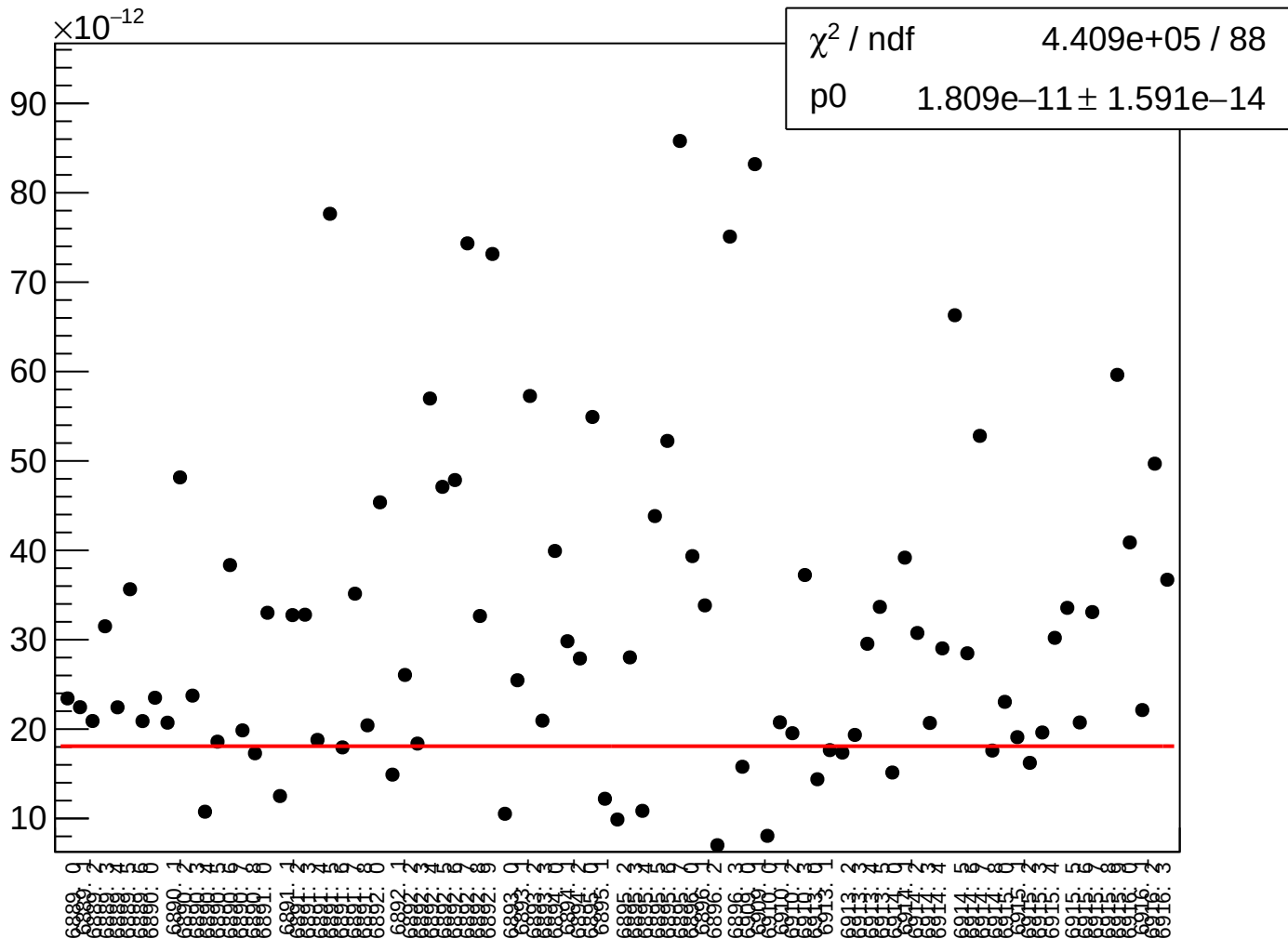
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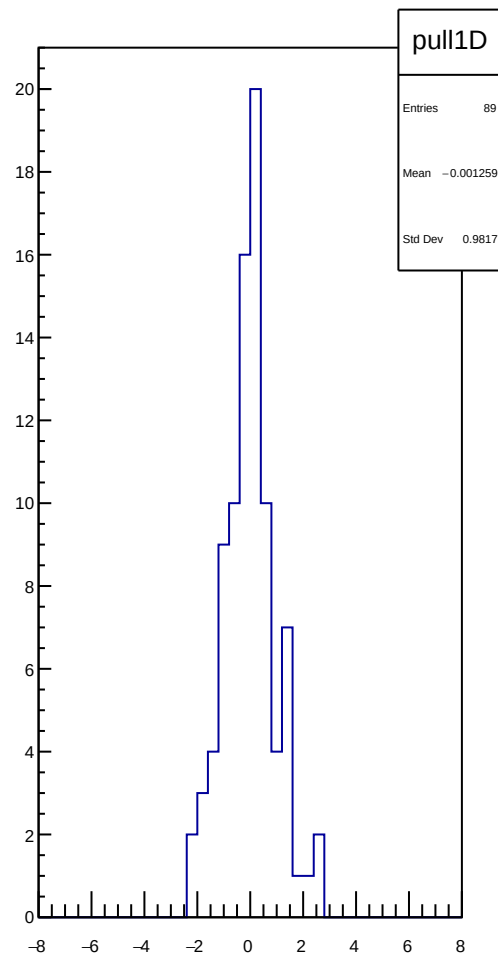
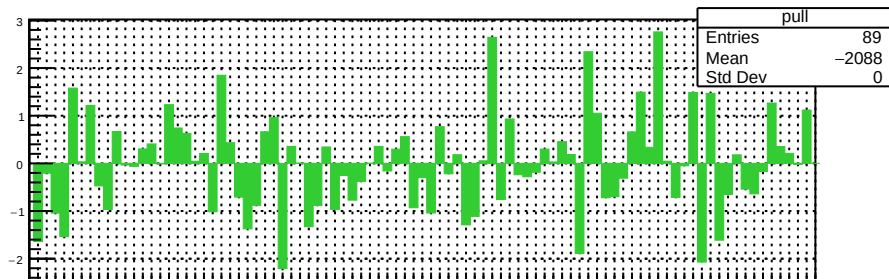
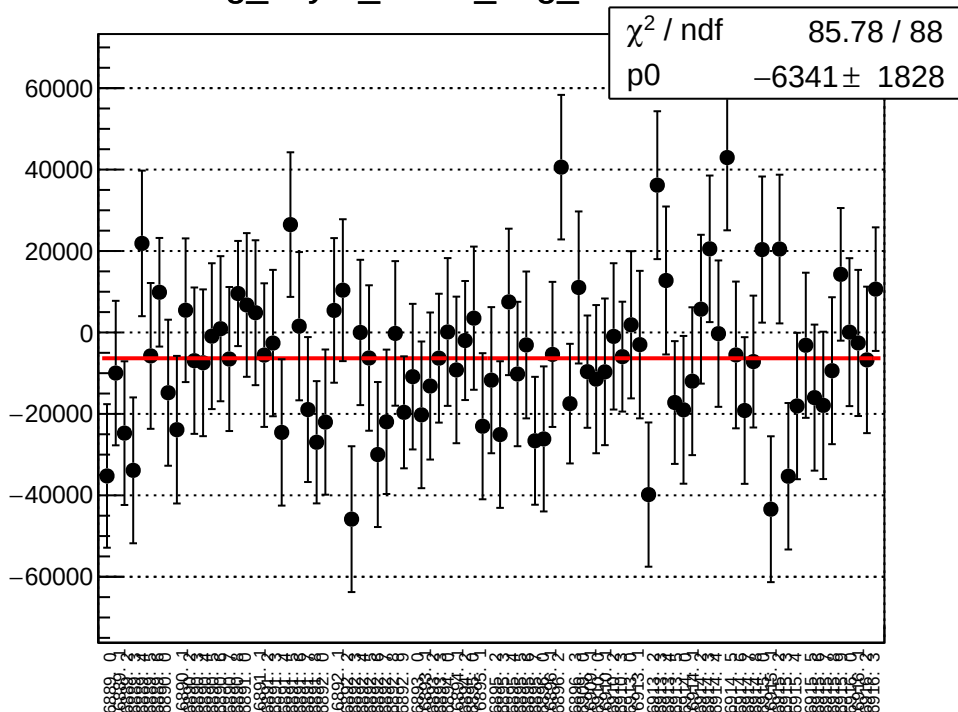
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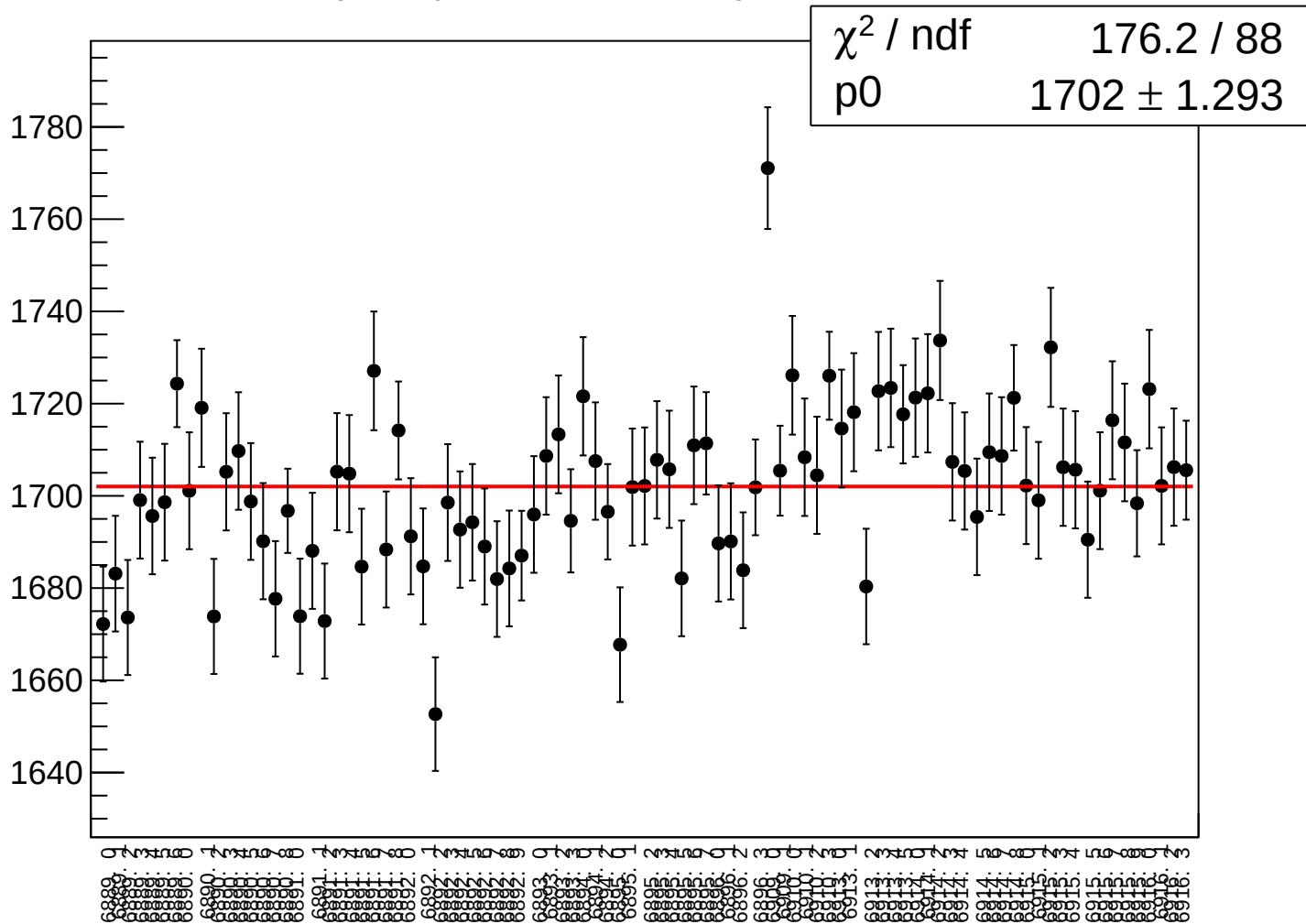
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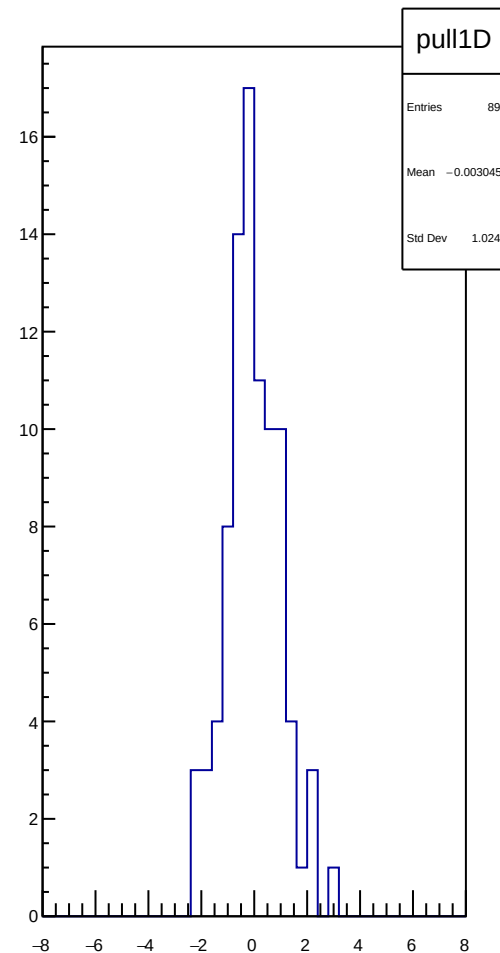
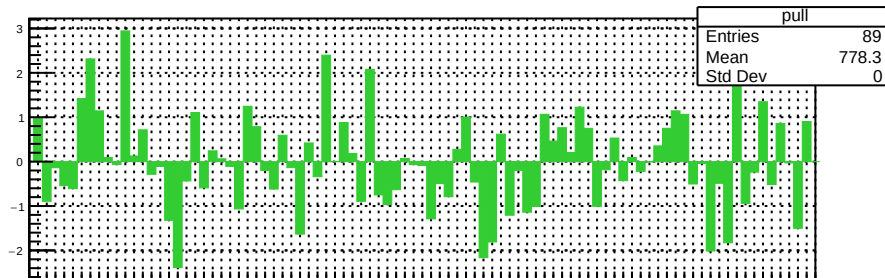
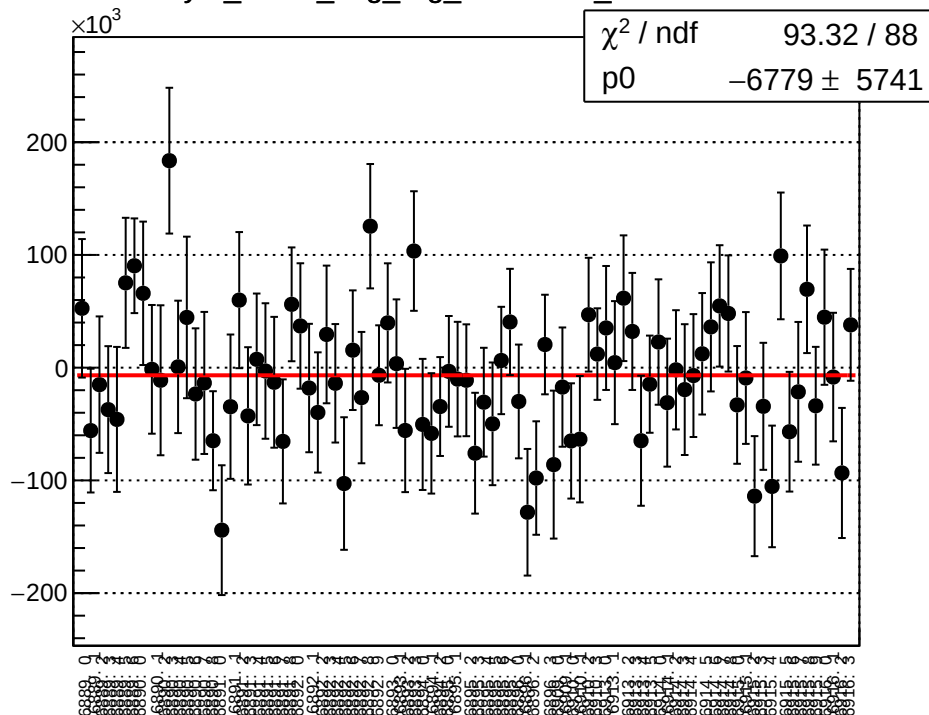
reg_asym_atl1r2_avg_mean vs run



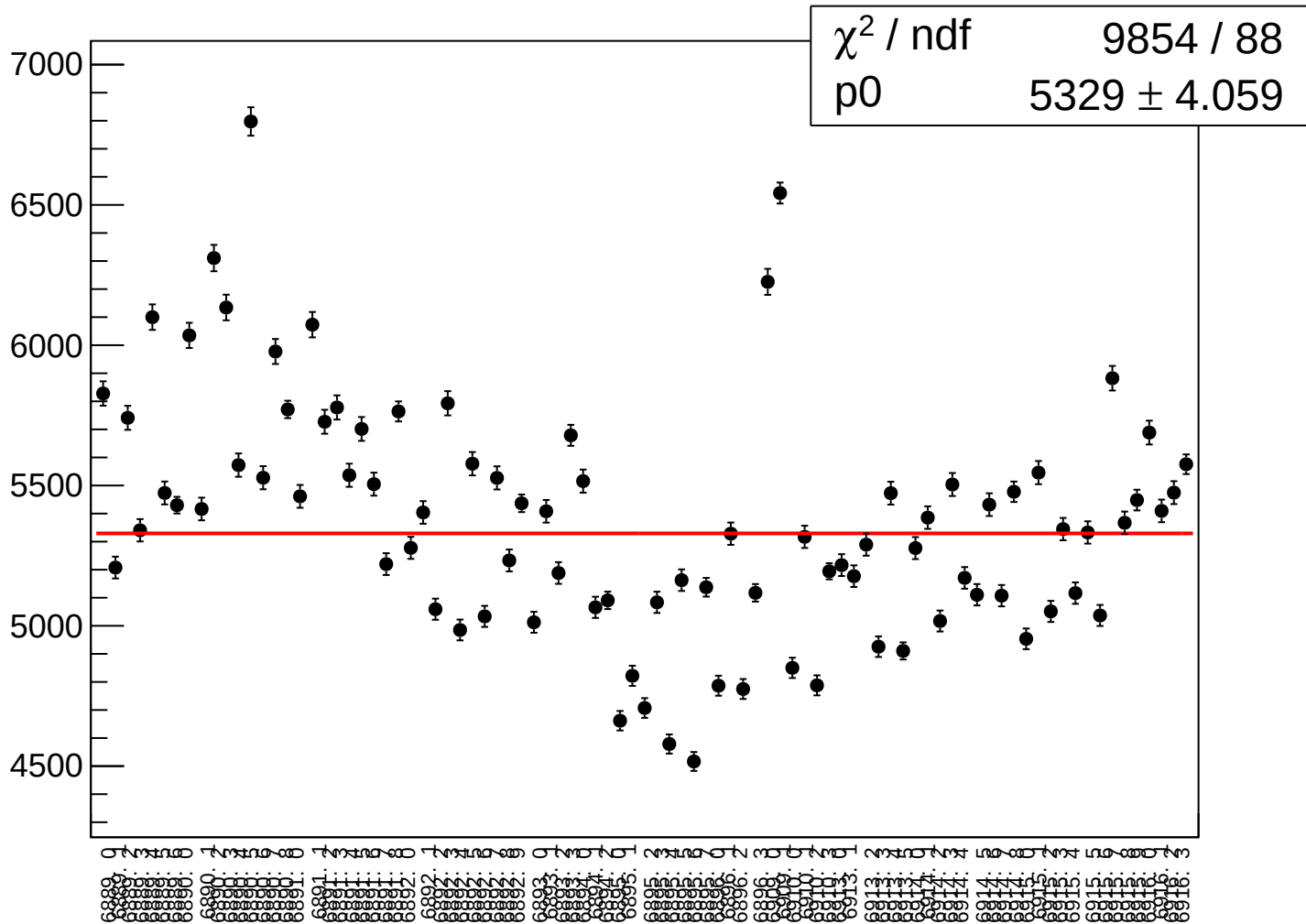
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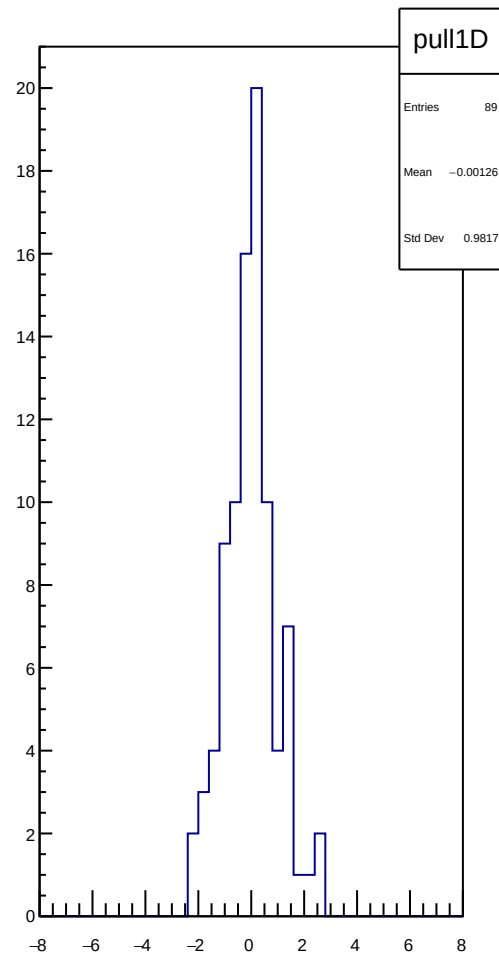
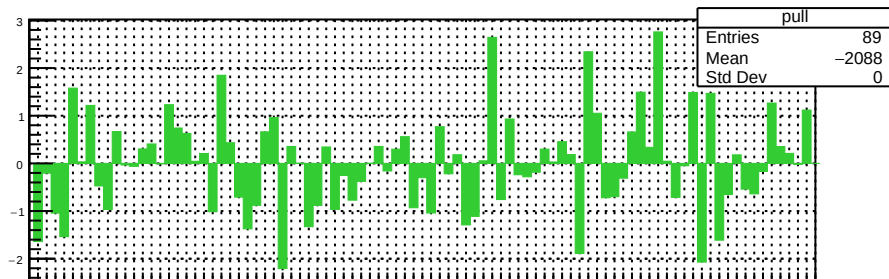
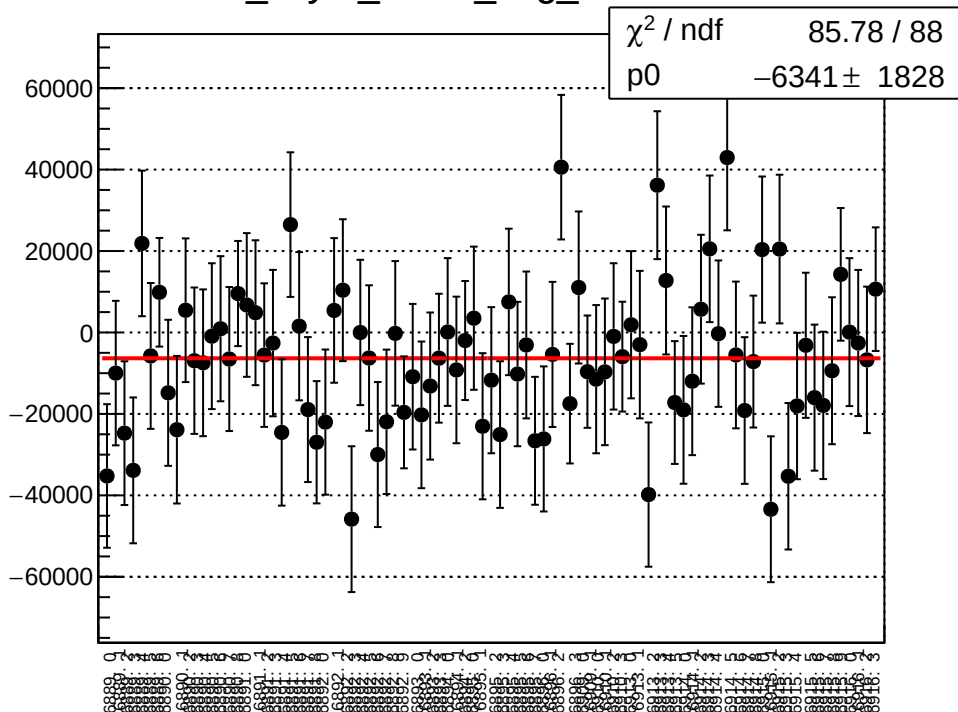
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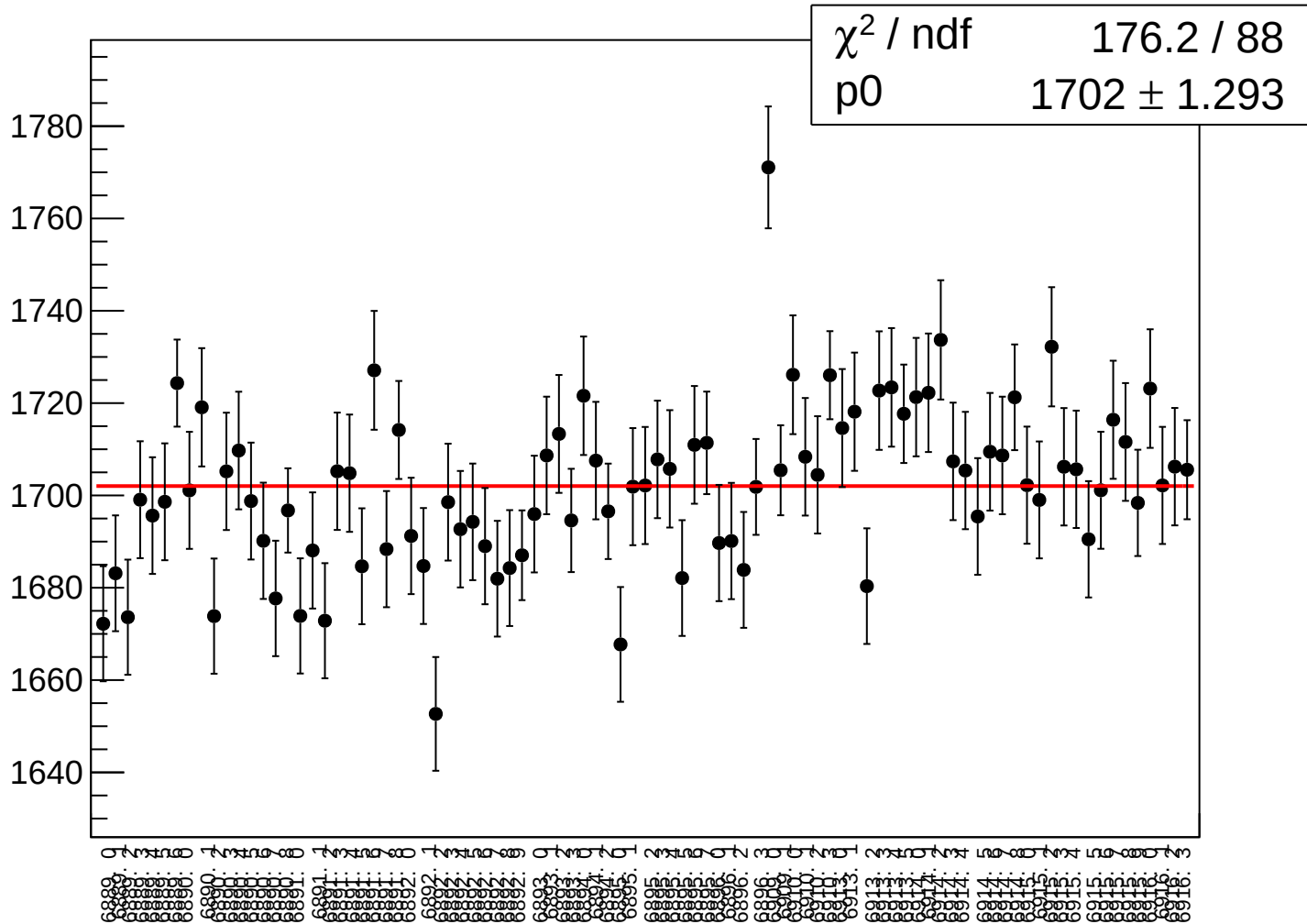
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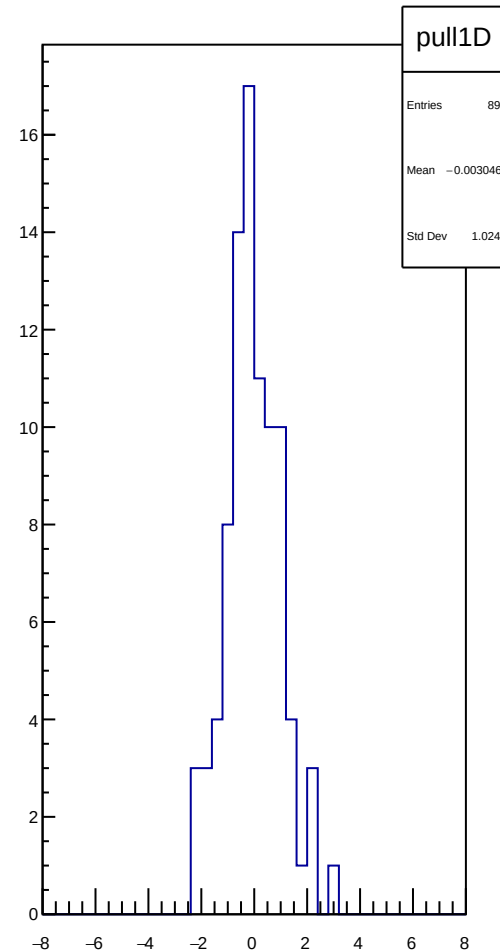
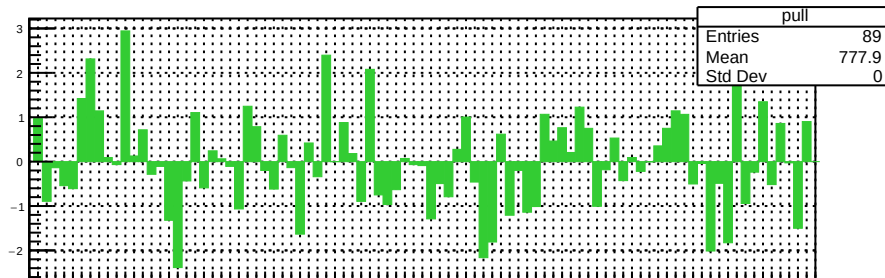
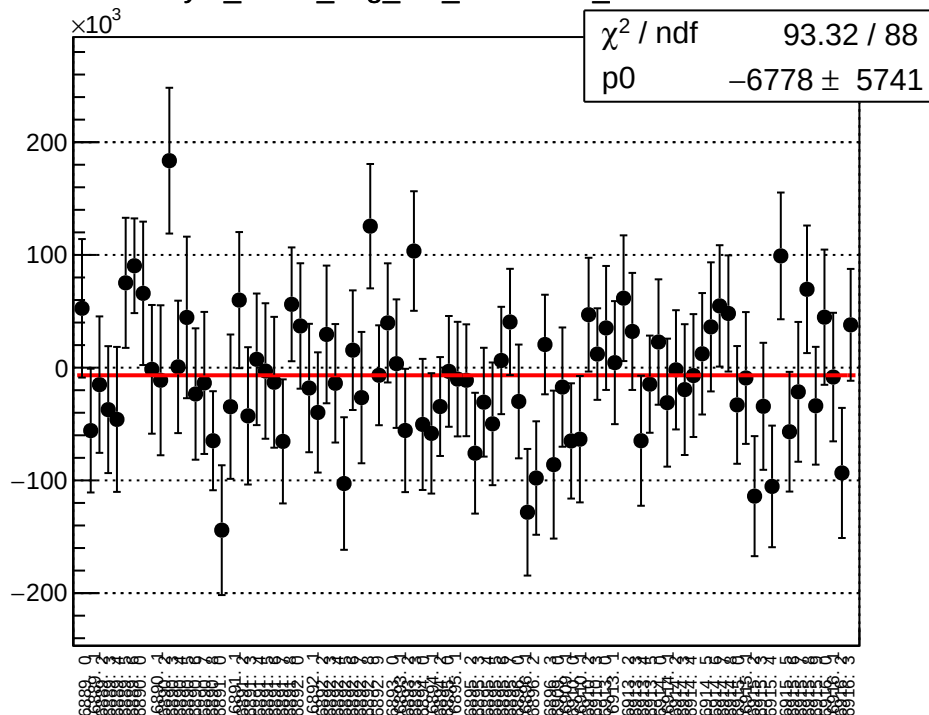
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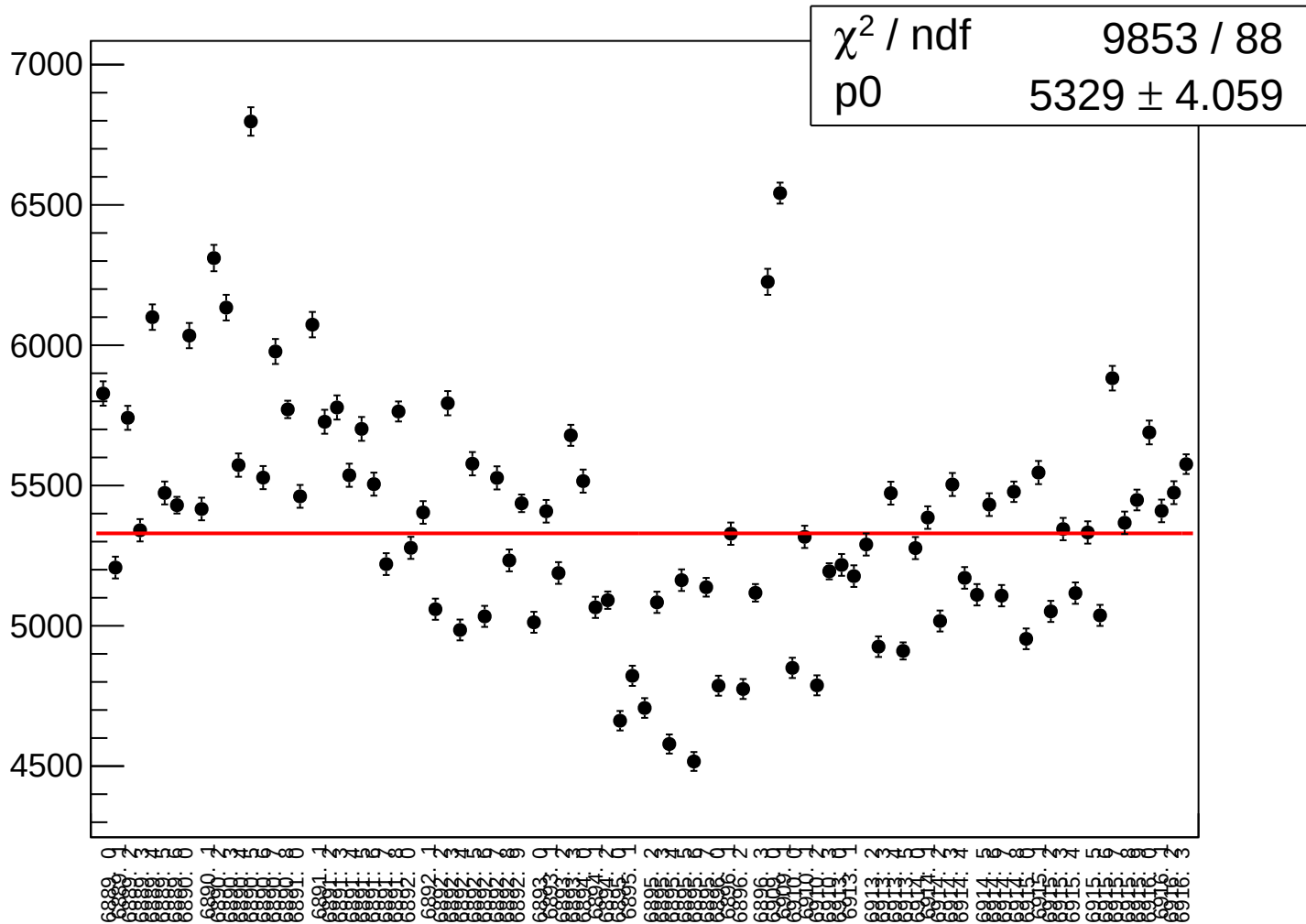
cor_asym_atl1r2_avg_rms vs run



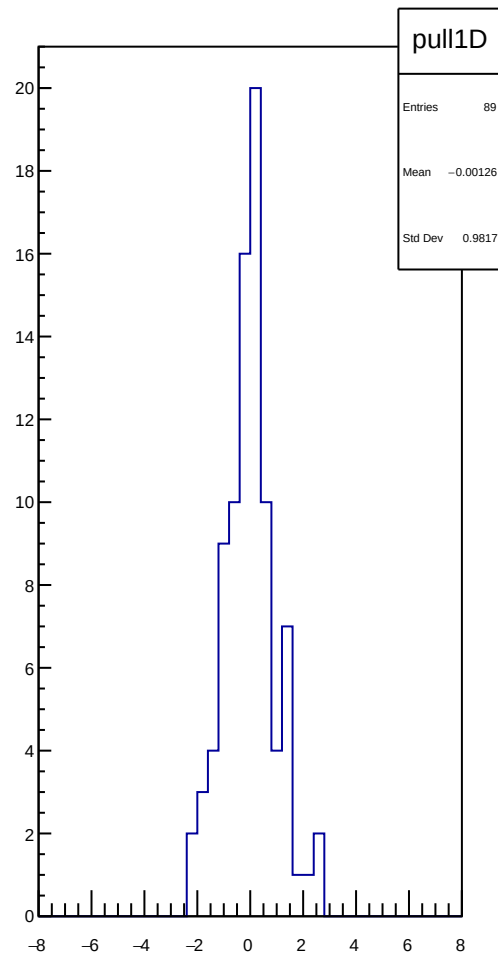
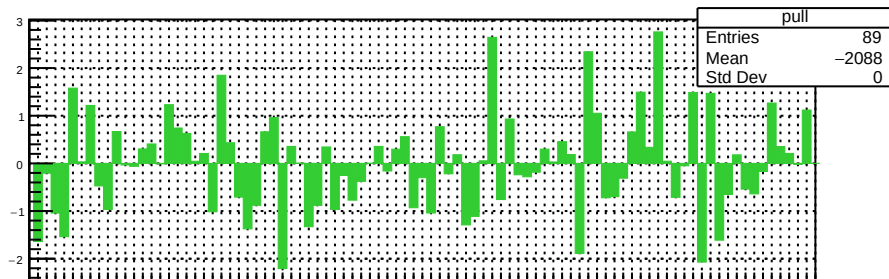
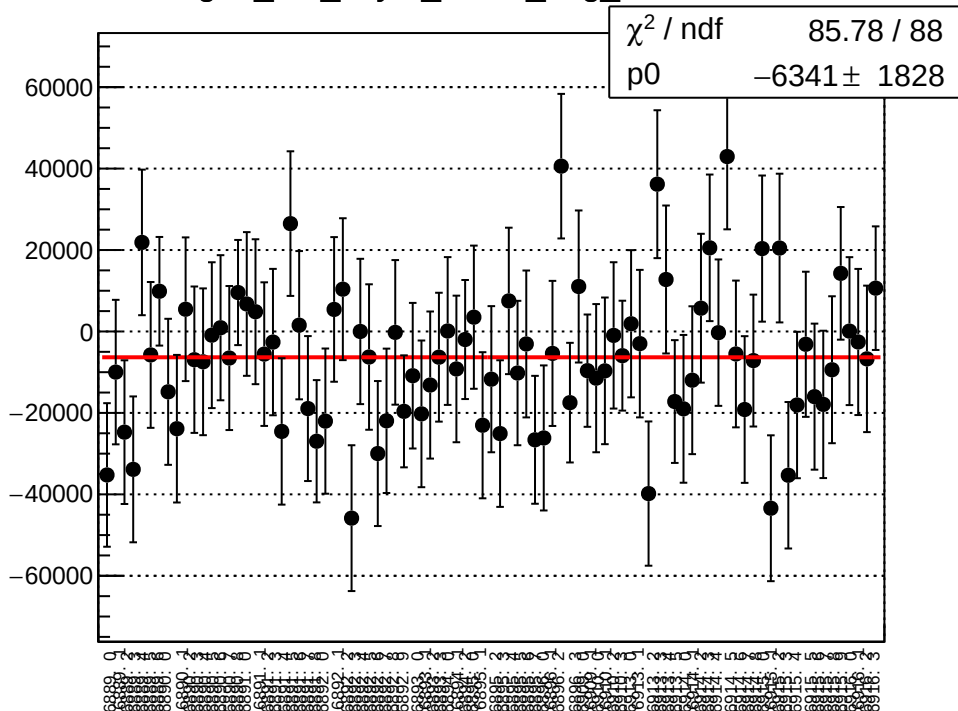
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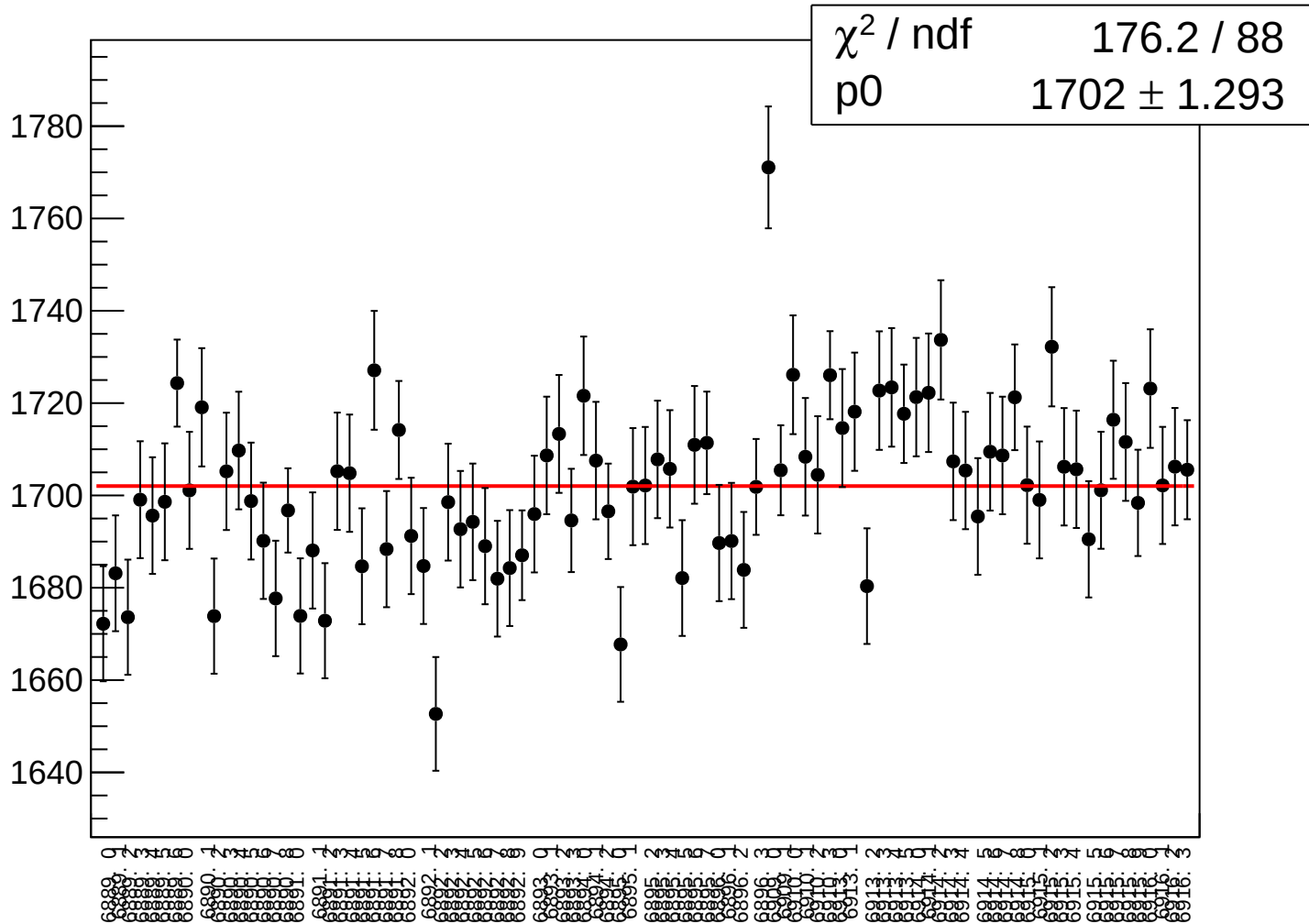
asym_atl1r2_avg_cor_correction_rms vs run



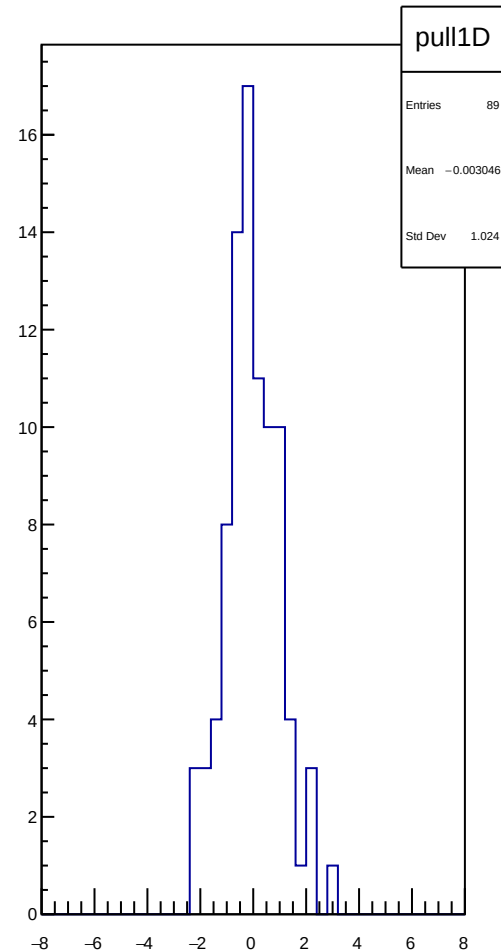
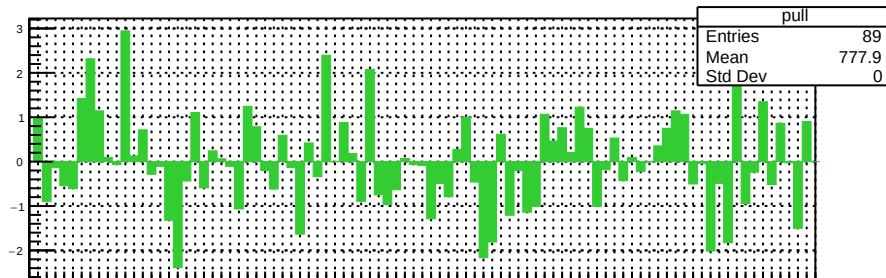
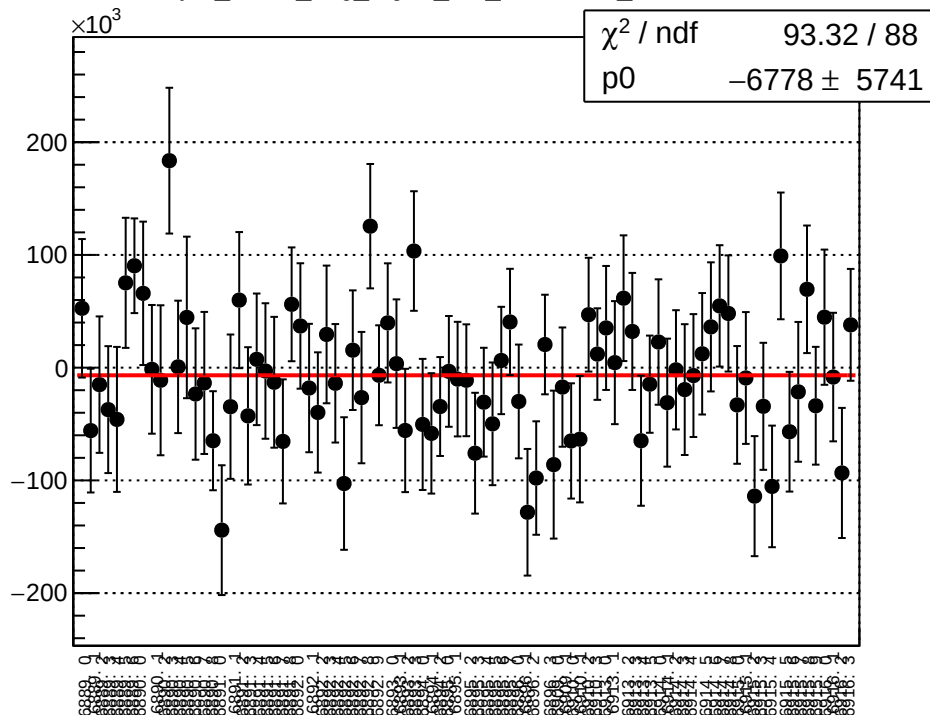
eigen_cor_asym_atl1r2_avg_mean vs run



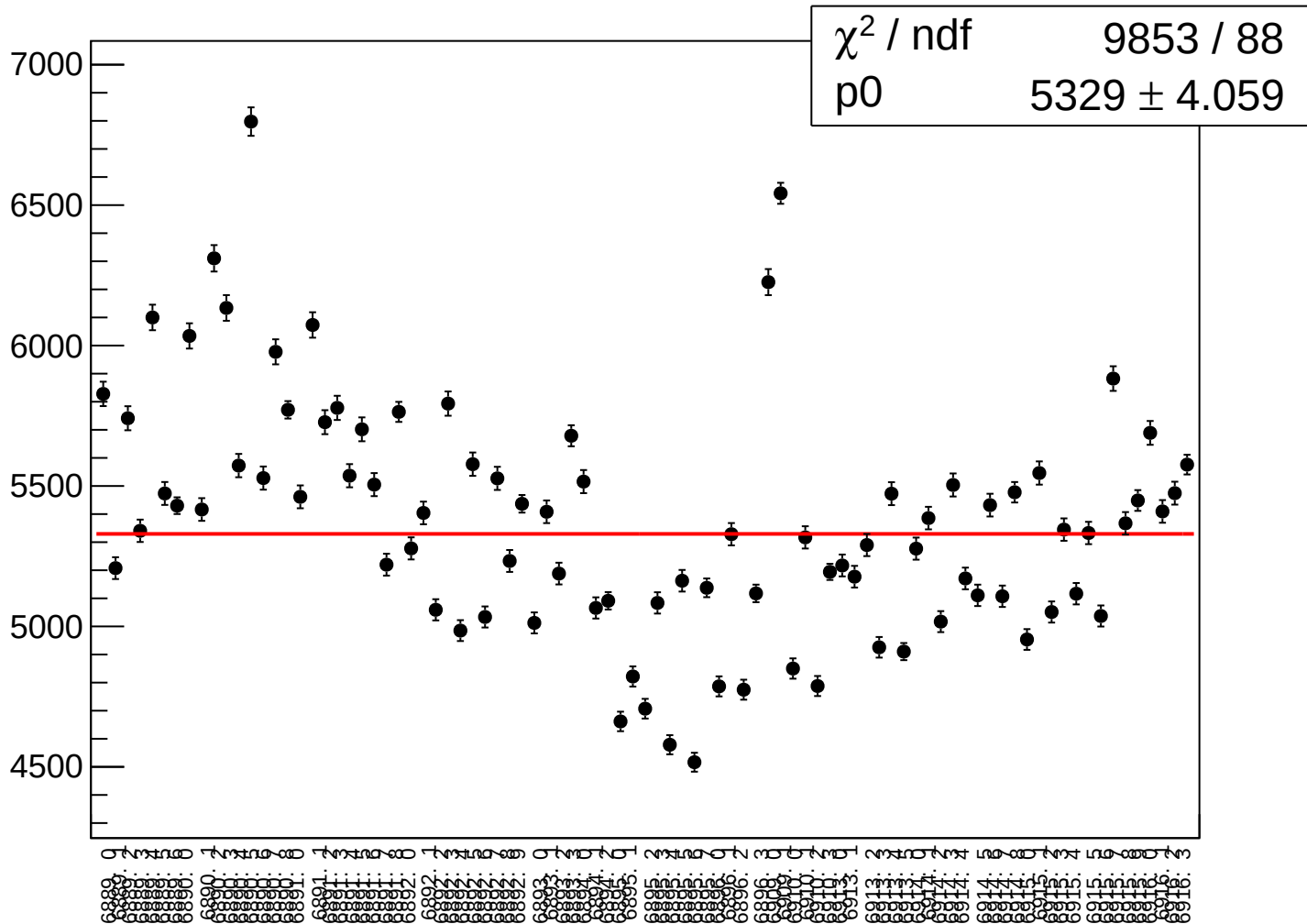
eigen_cor_asym_atl1r2_avg_rms vs run



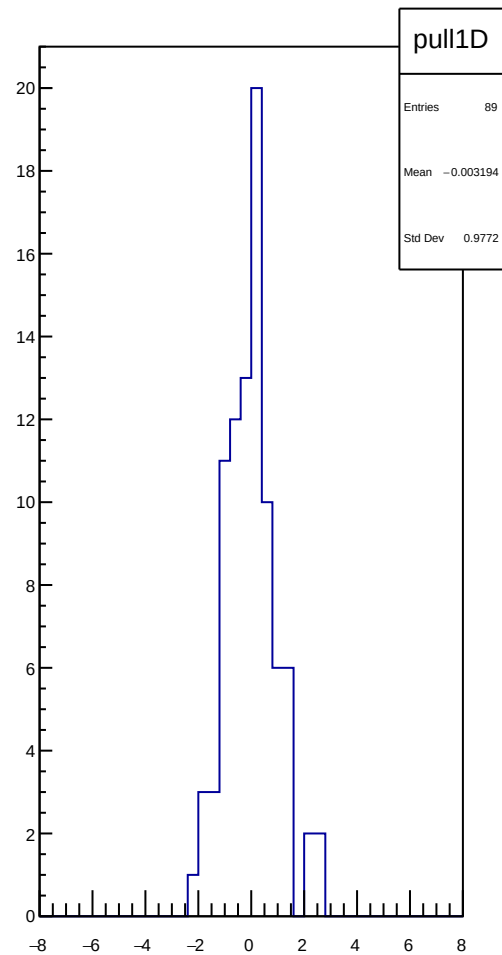
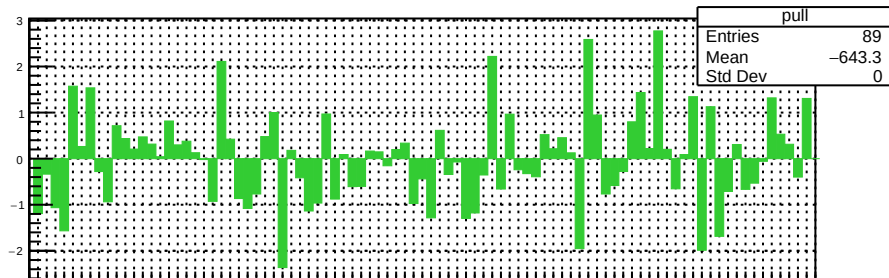
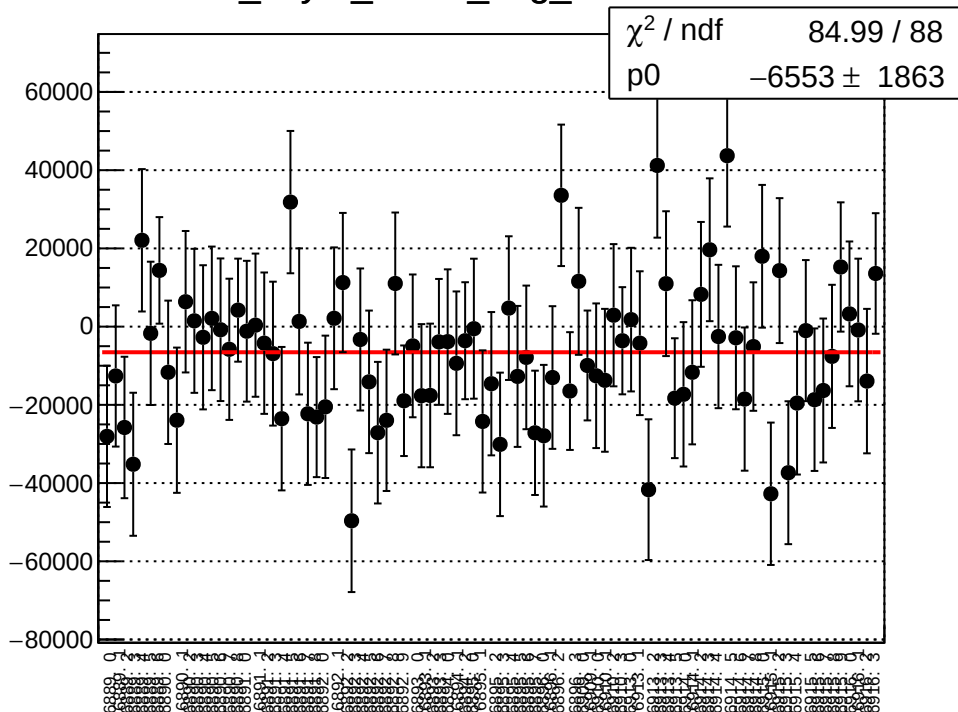
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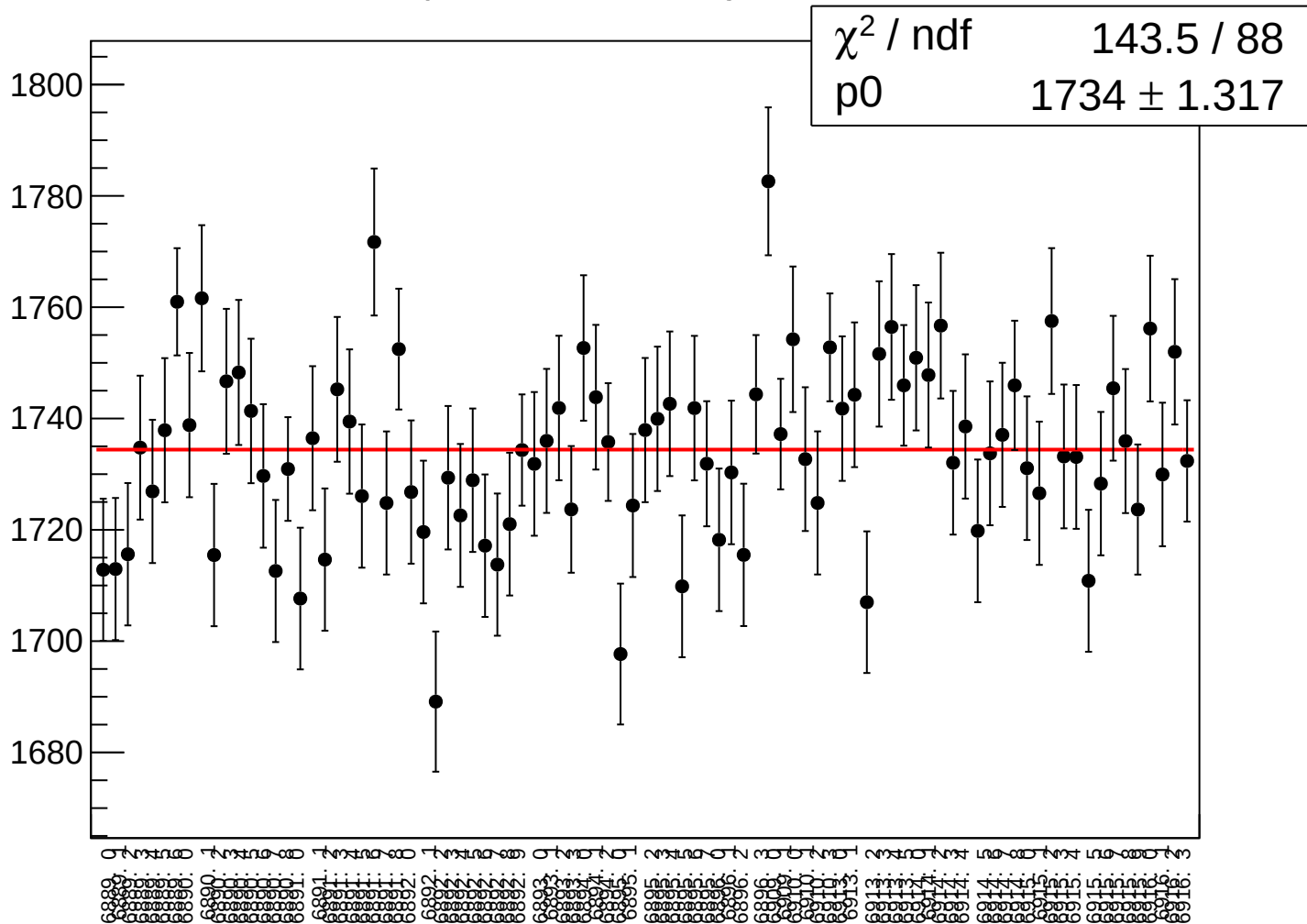
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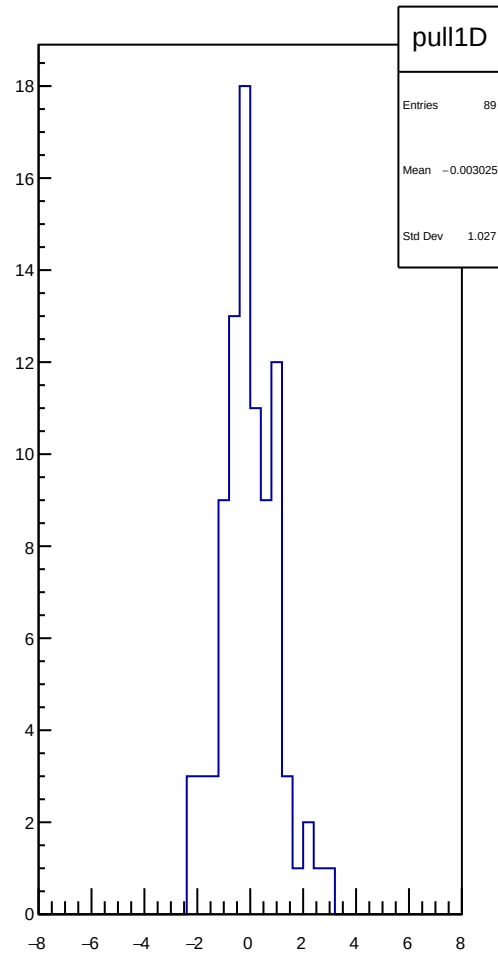
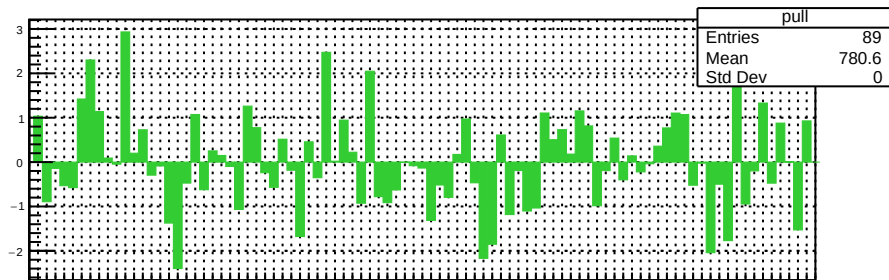
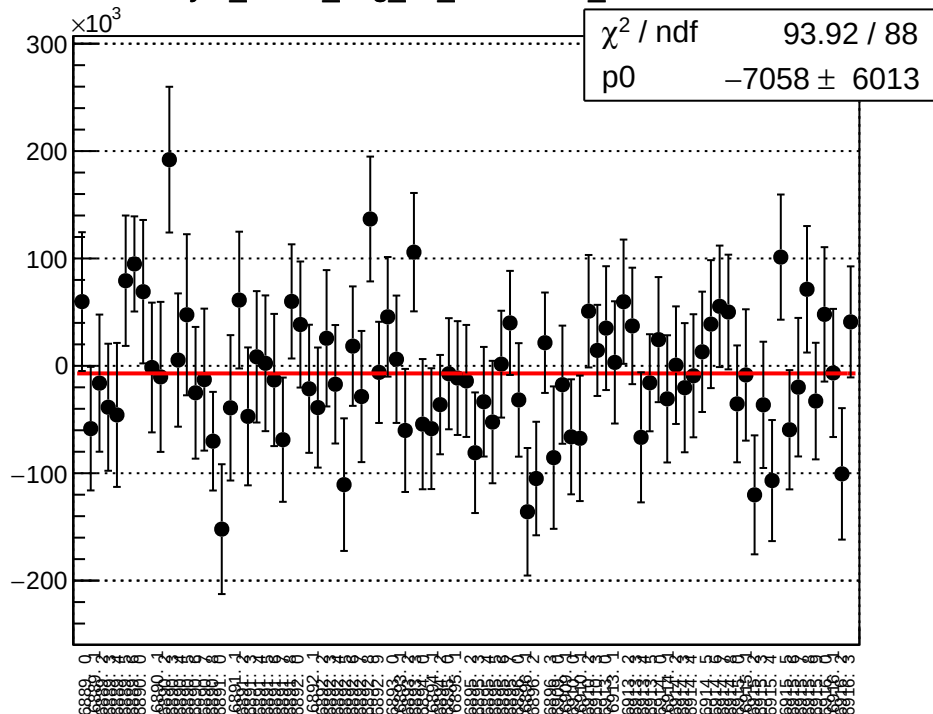
dit_asym_atl1r2_avg_mean vs run



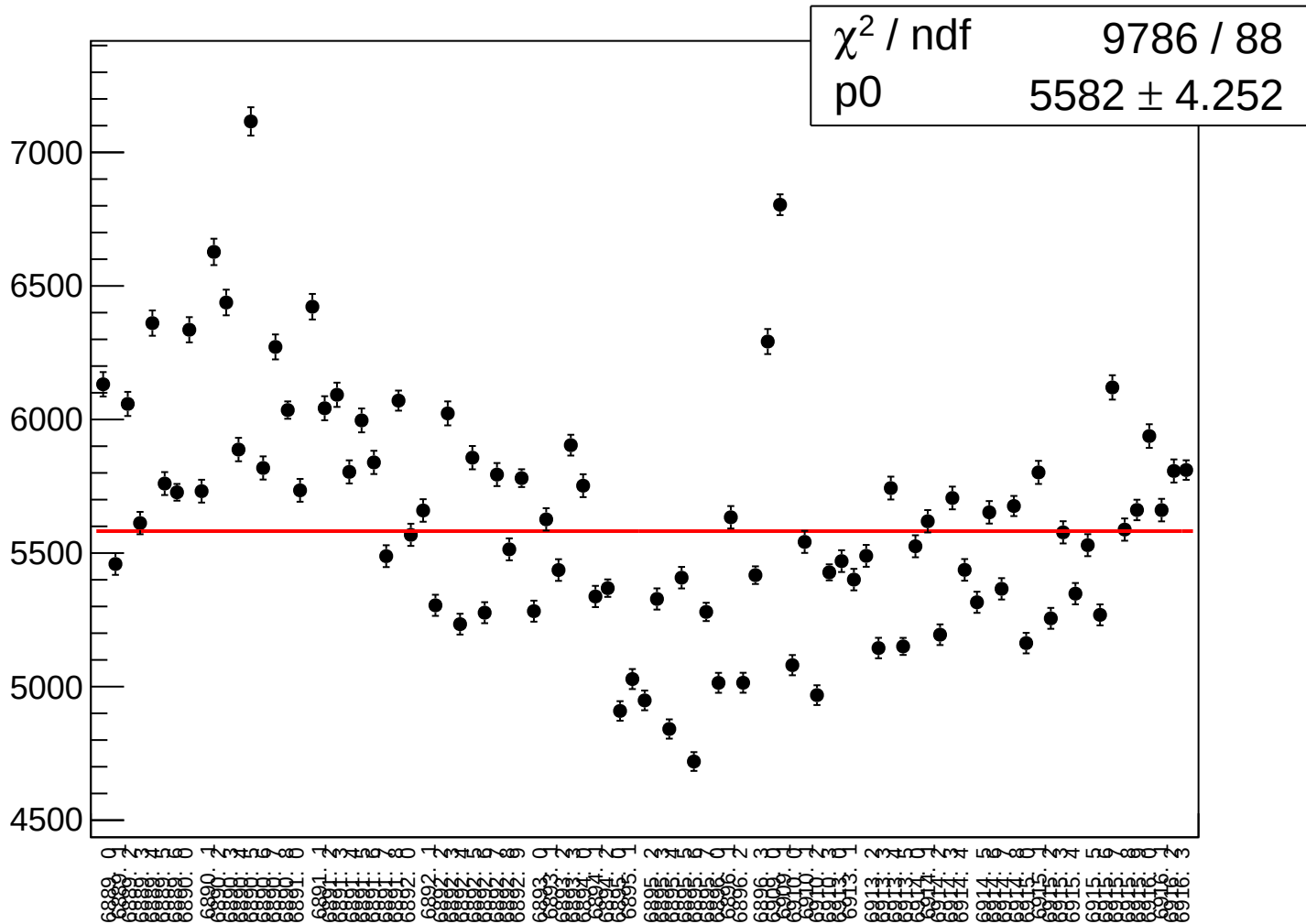
dit_asym_atl1r2_avg_rms vs run



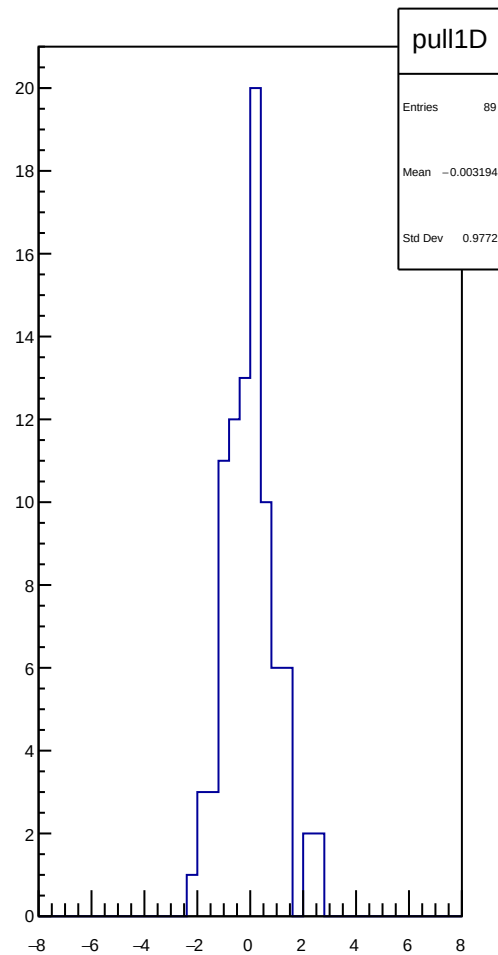
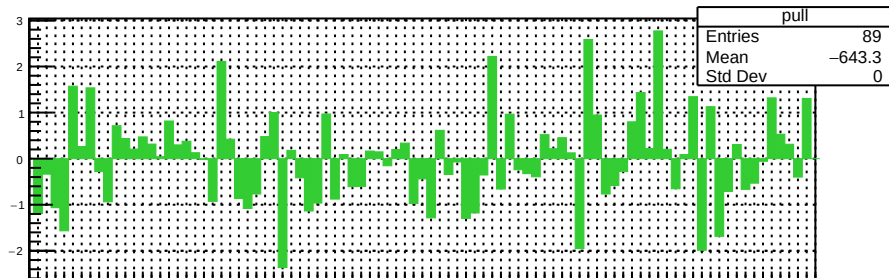
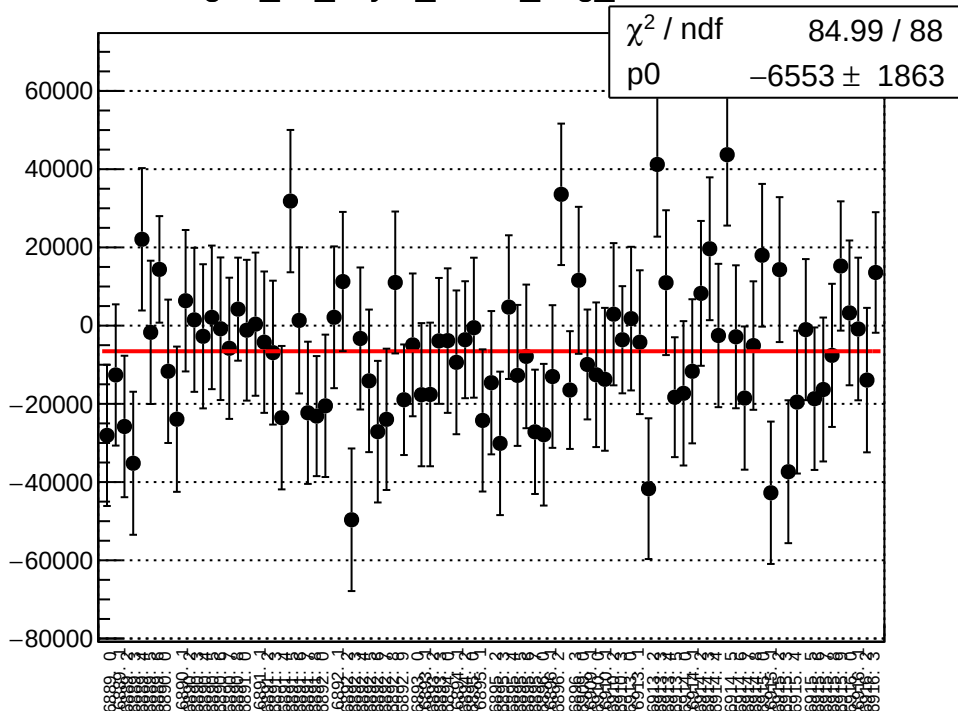
asym_atl1r2_avg_dit_correction_mean vs run



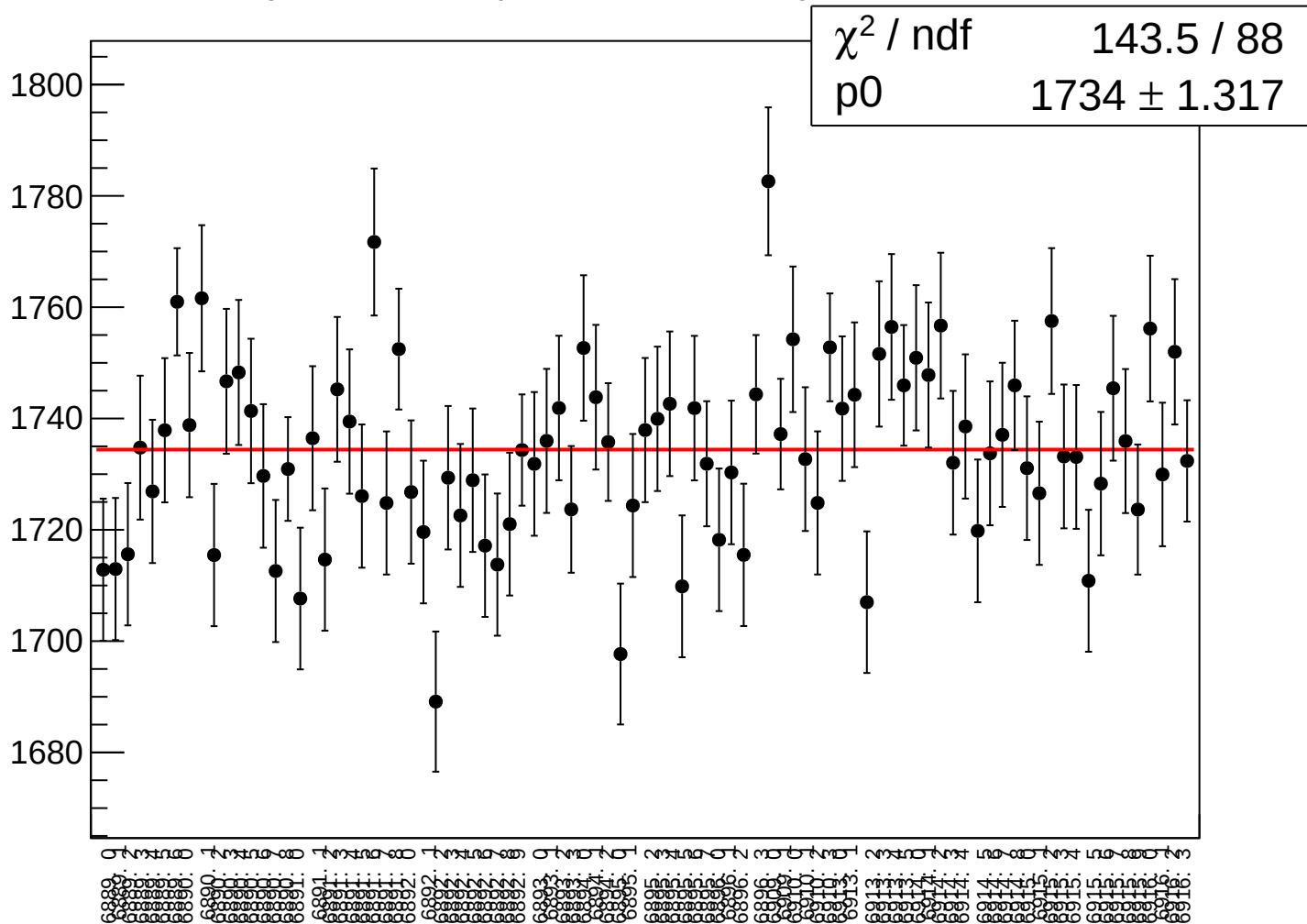
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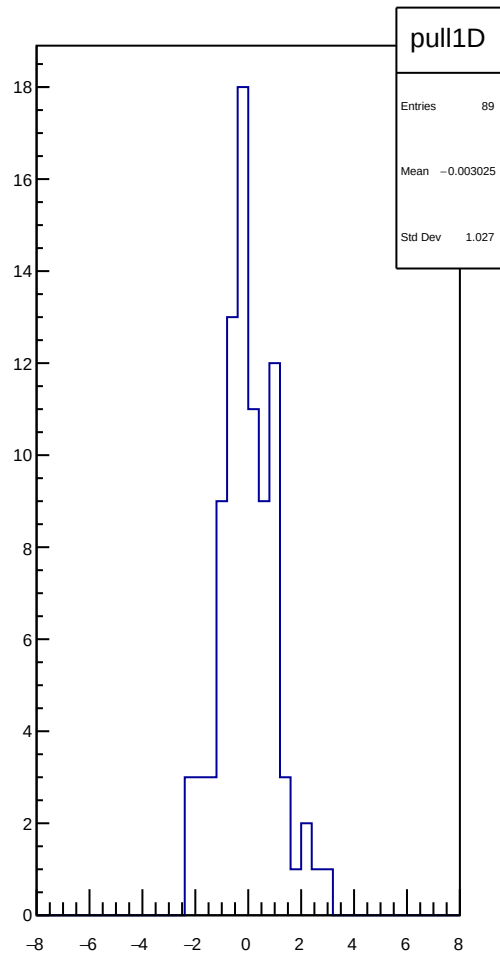
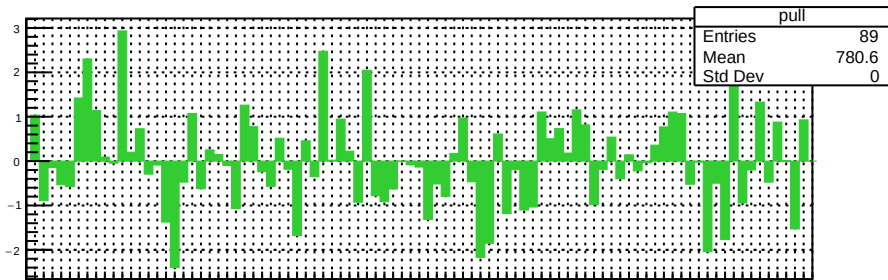
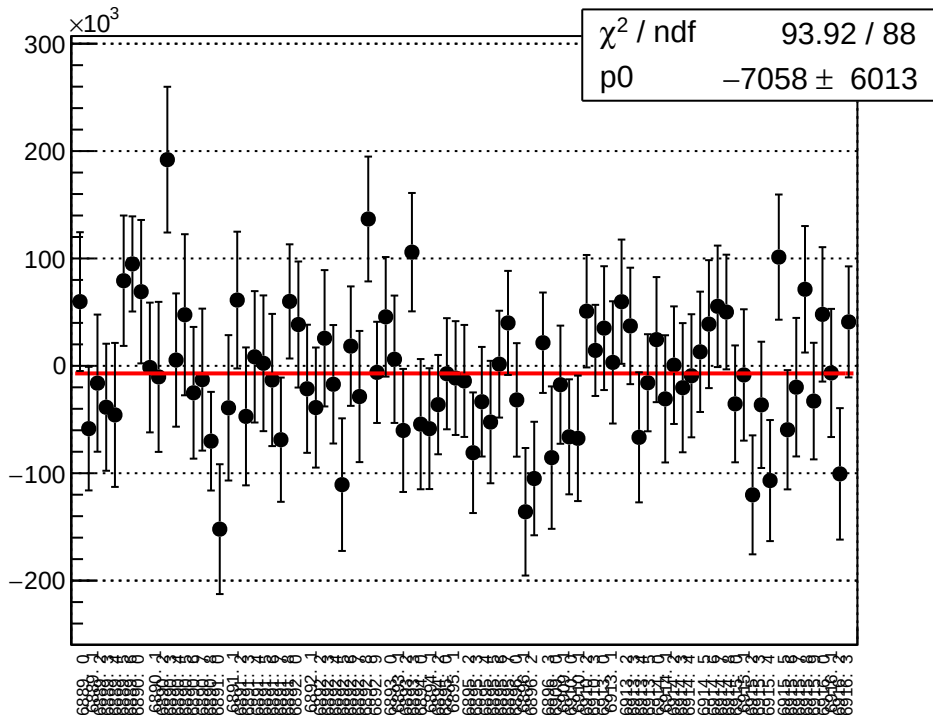
eigen_dit_asym_atl1r2_avg_mean vs run



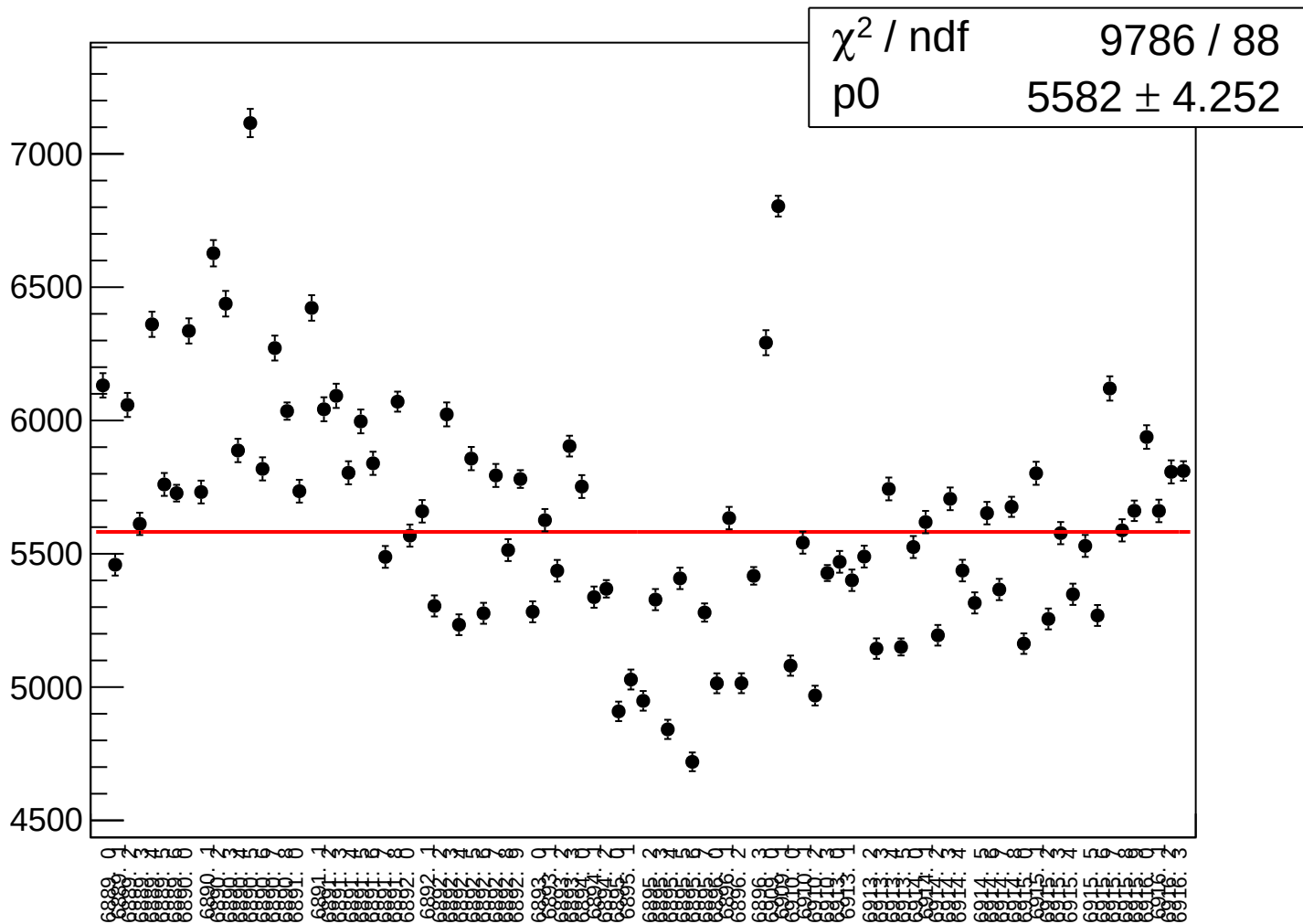
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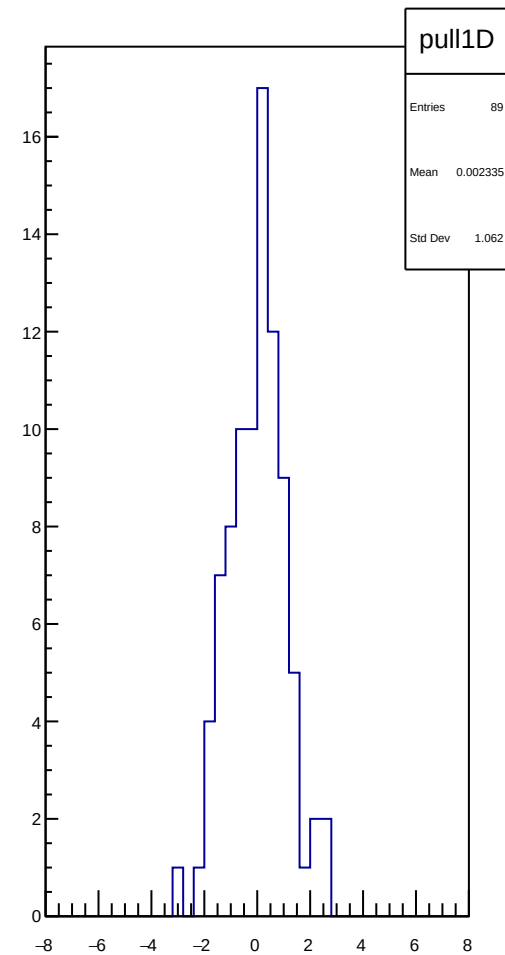
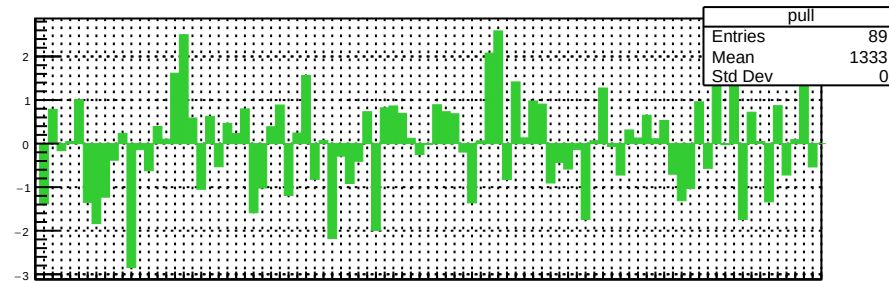
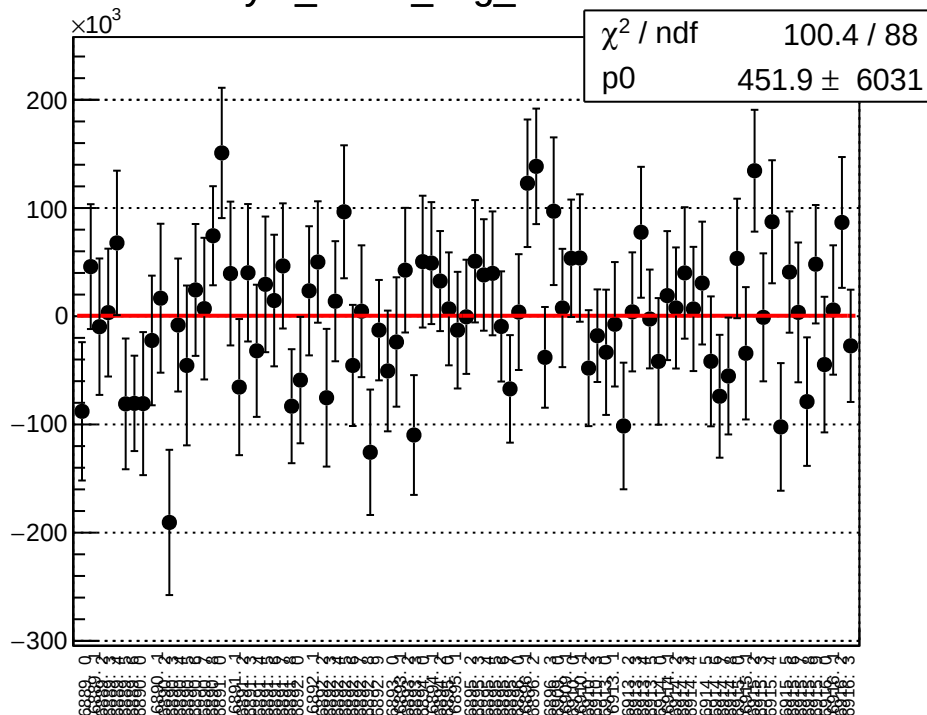
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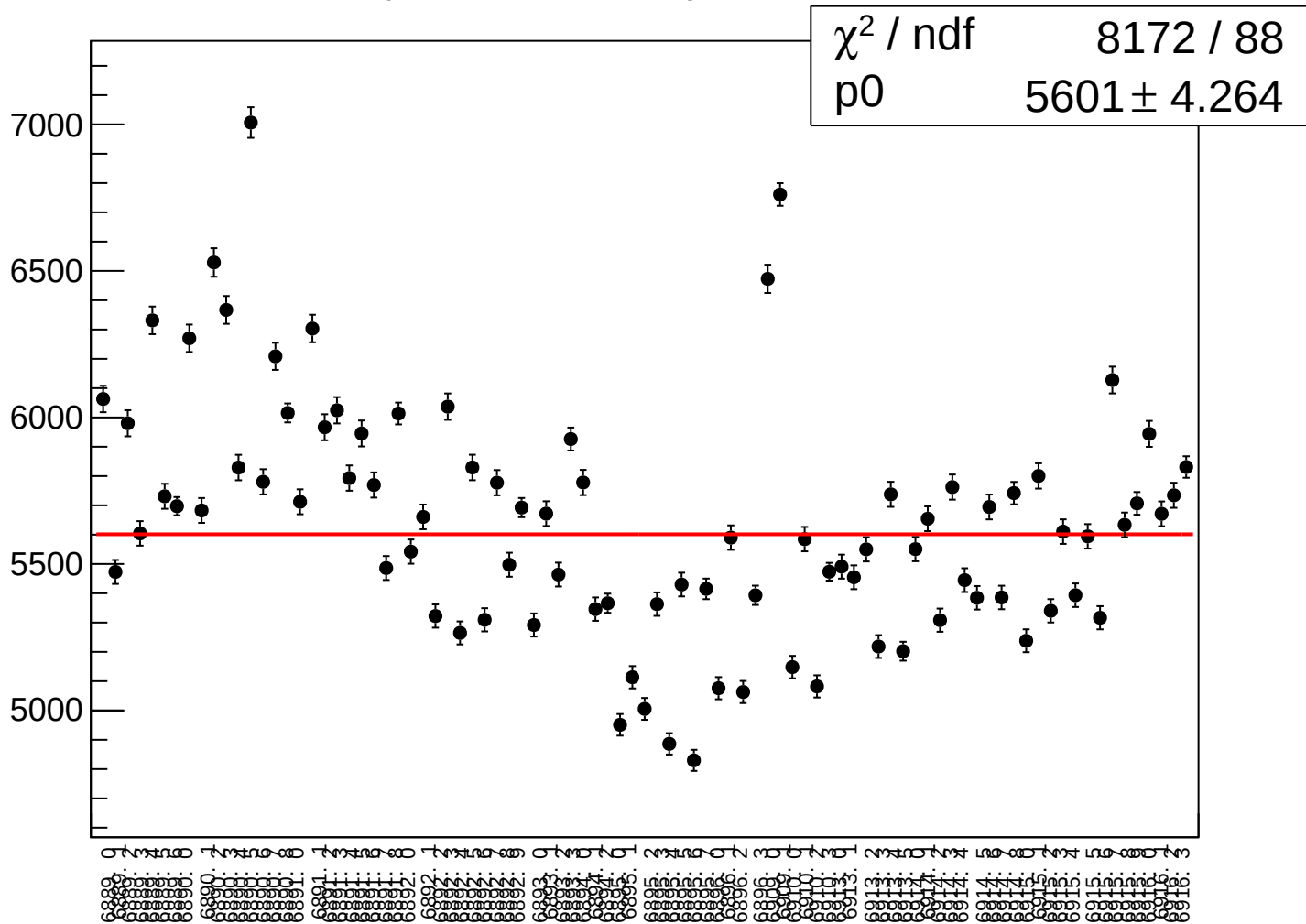
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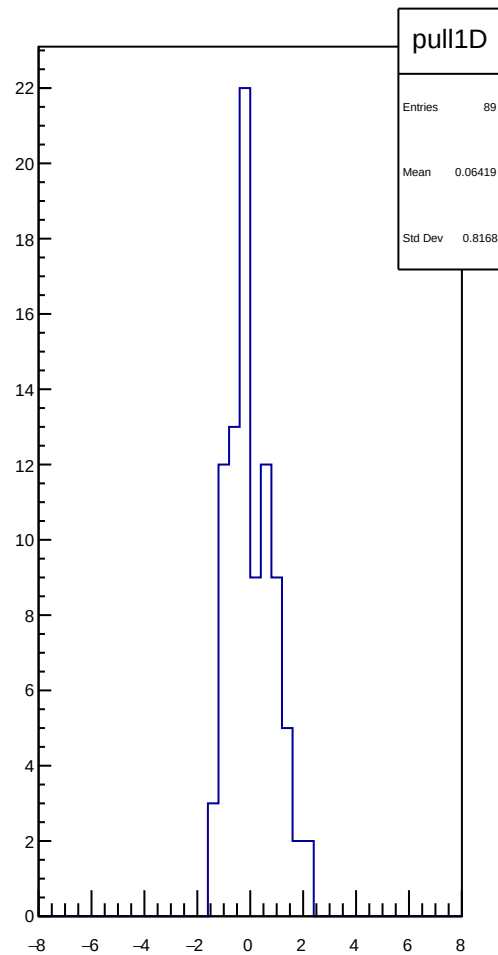
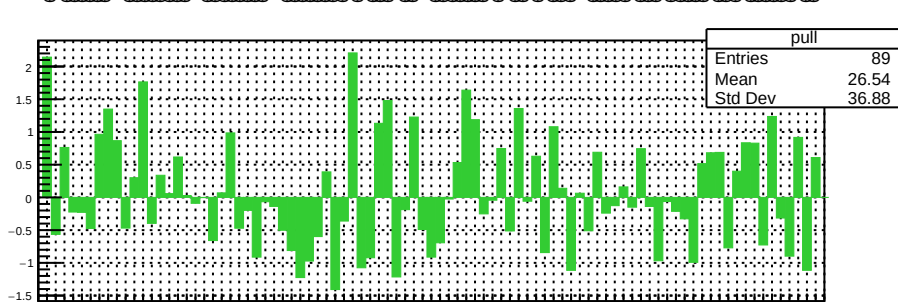
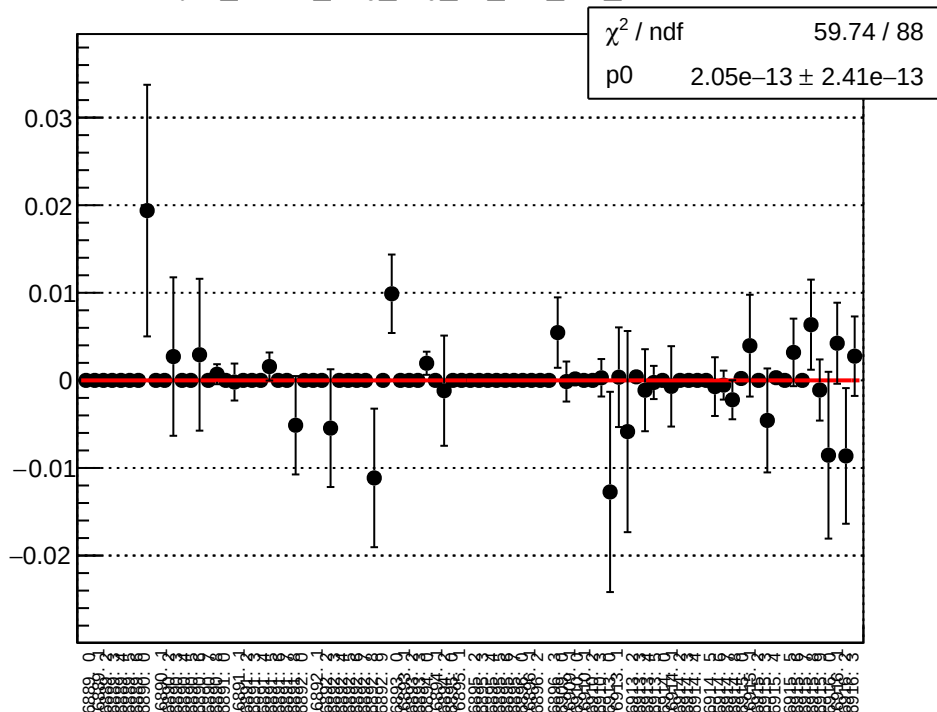
asym_atl1r2_avg_mean vs run



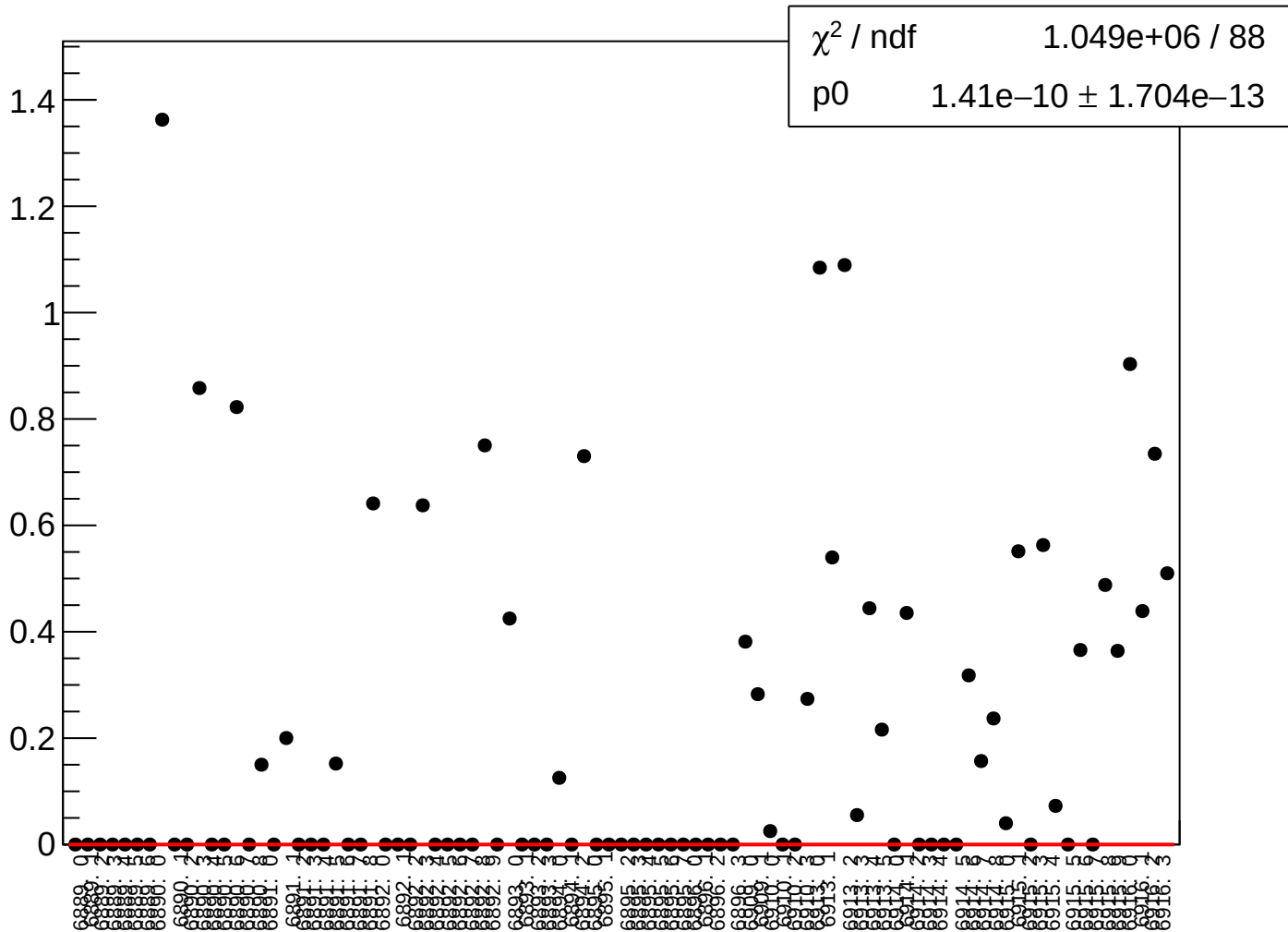
asym_atl1r2_avg_rms vs run



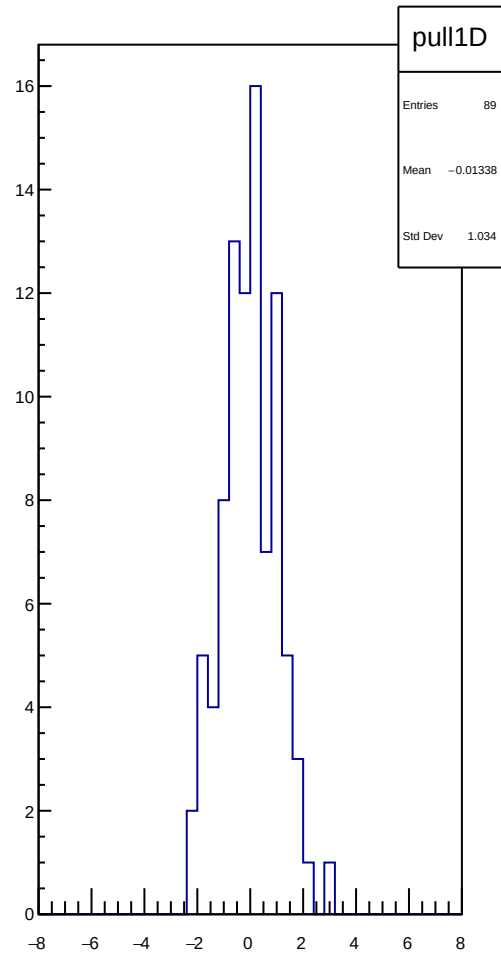
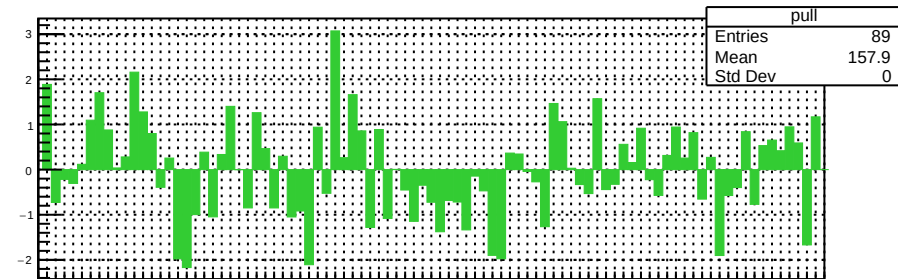
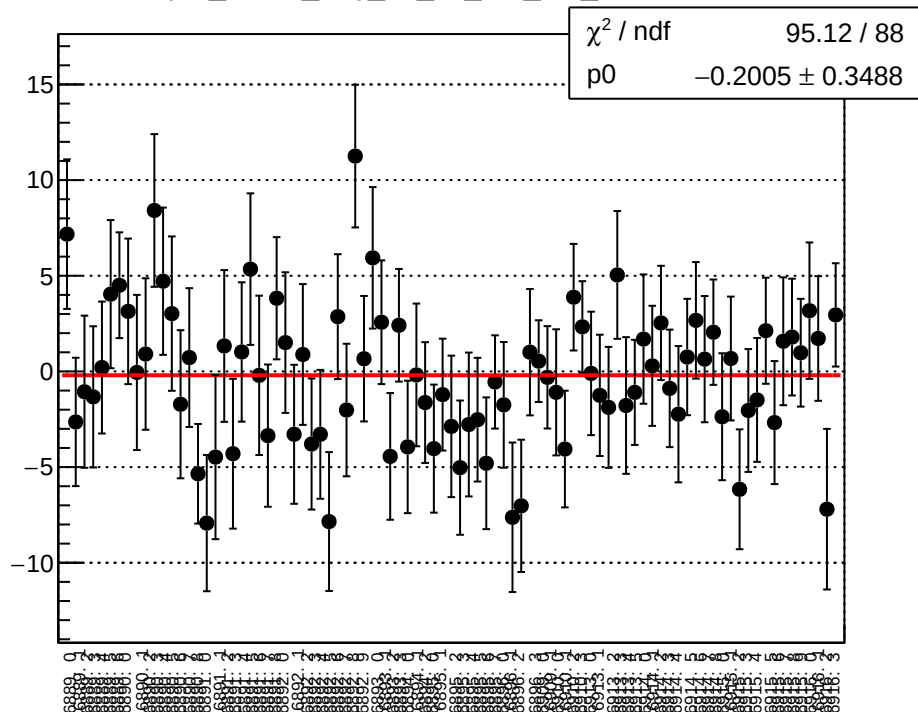
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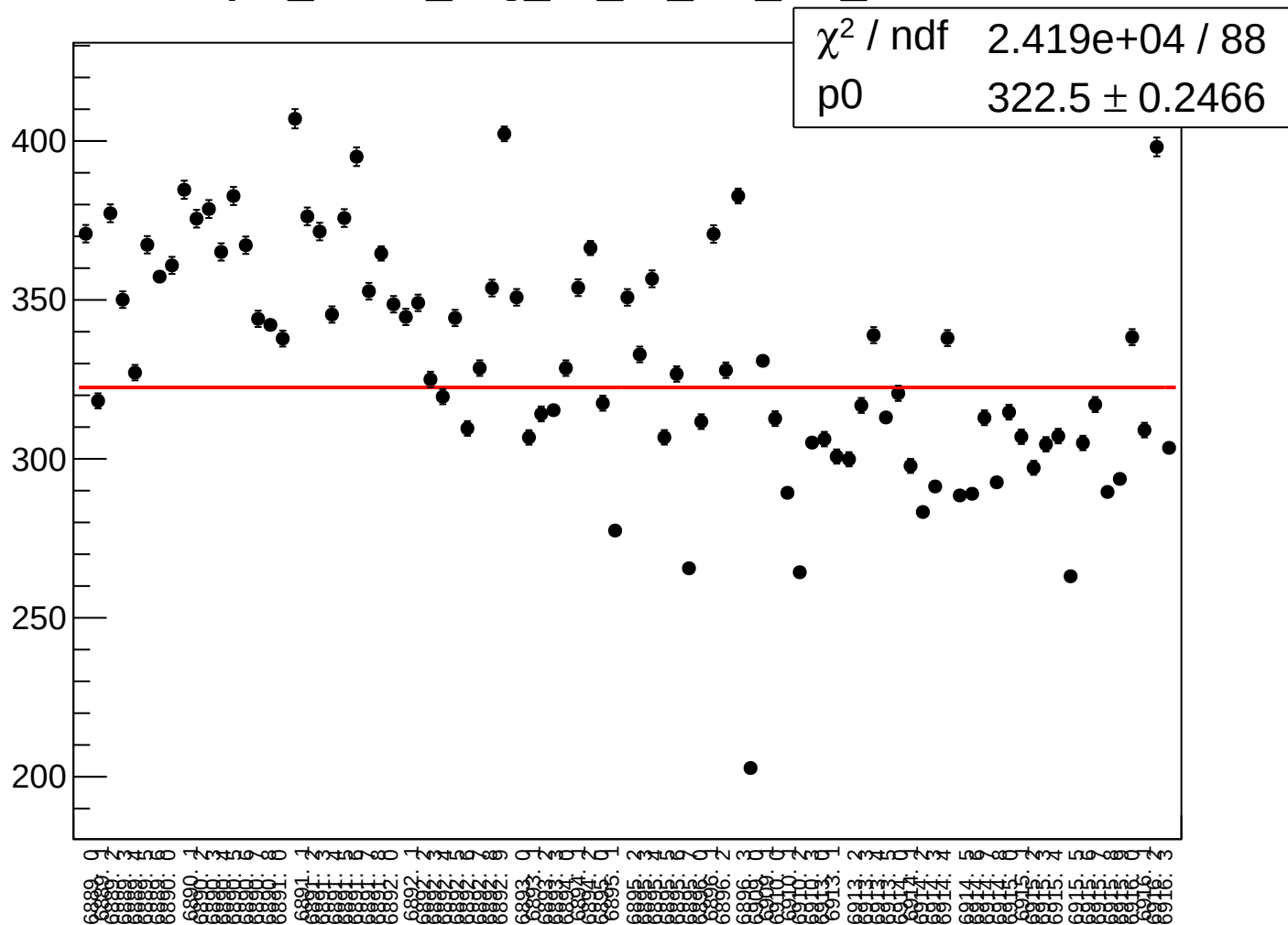
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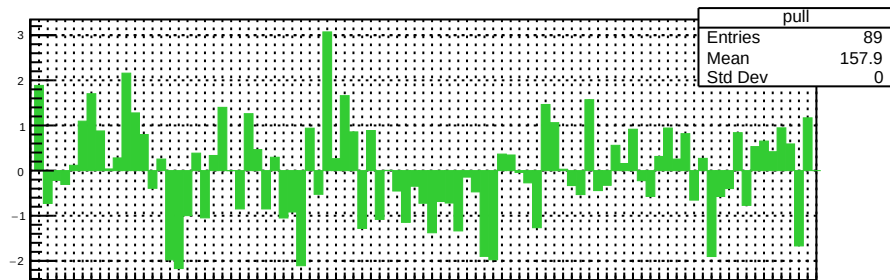
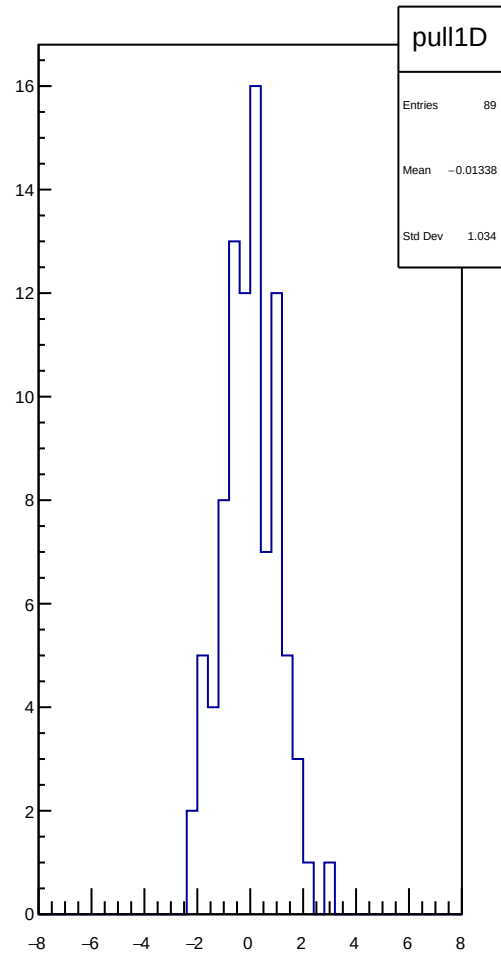
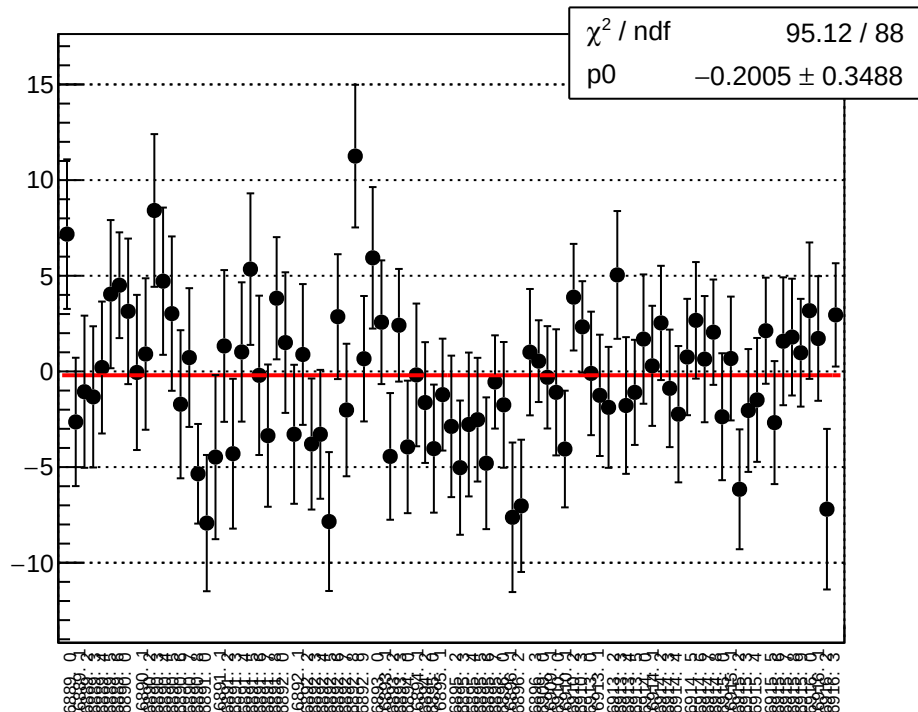
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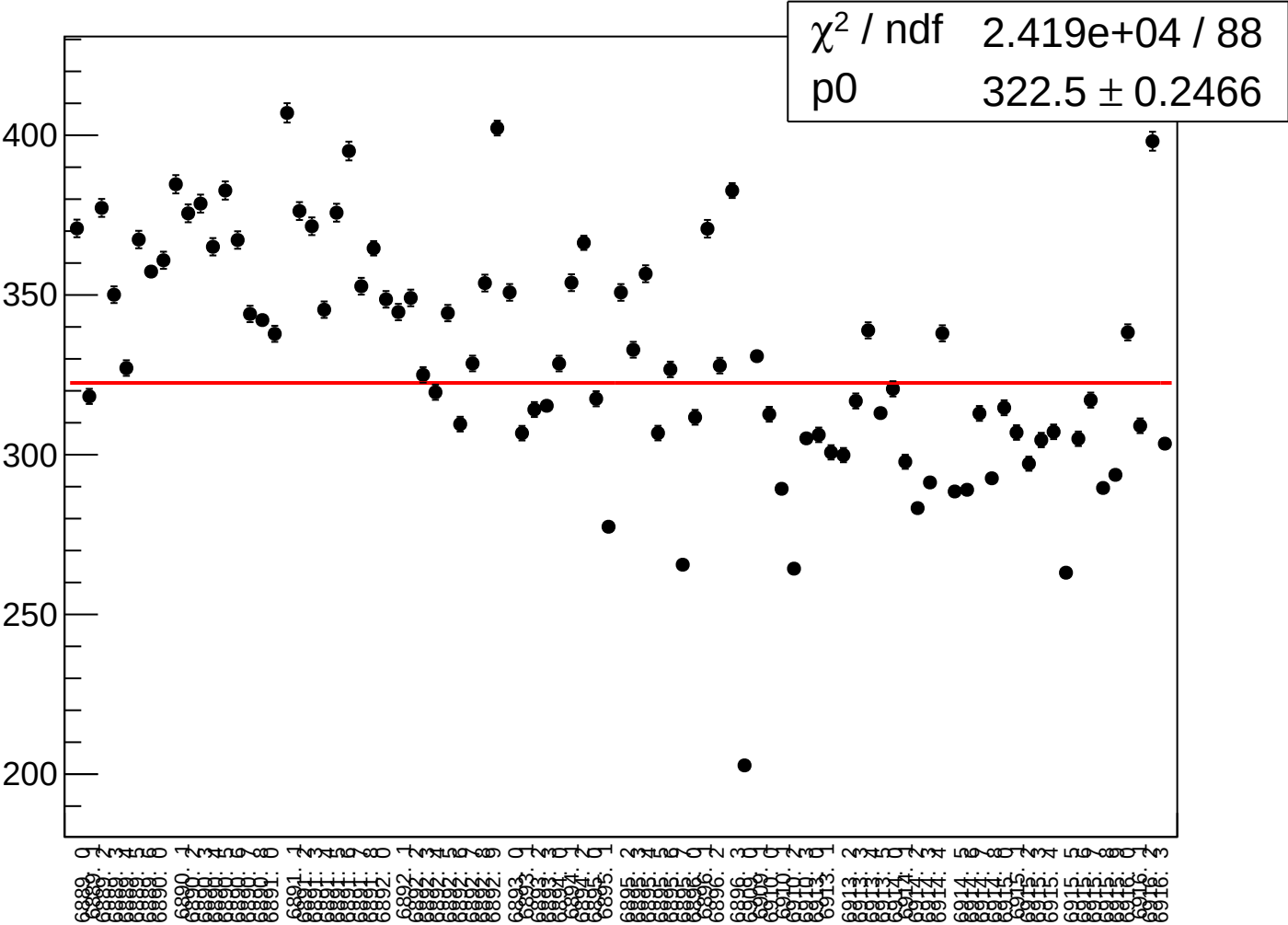
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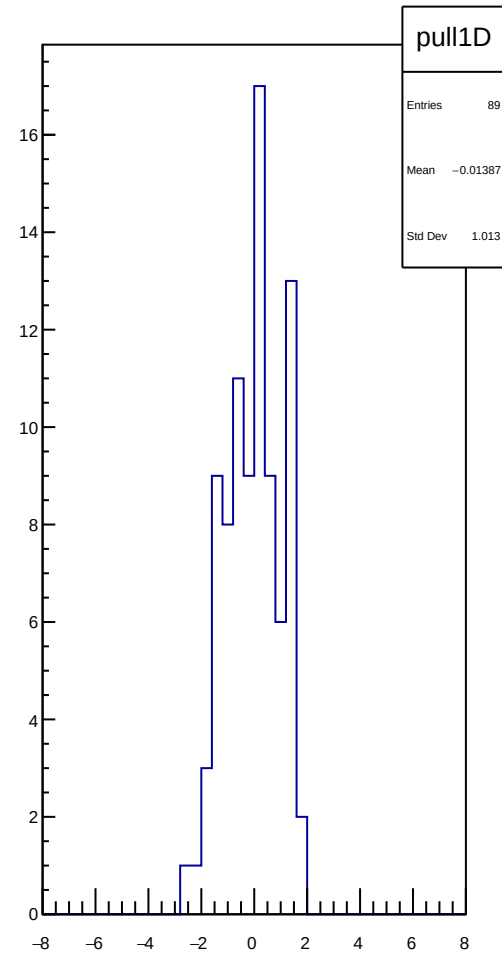
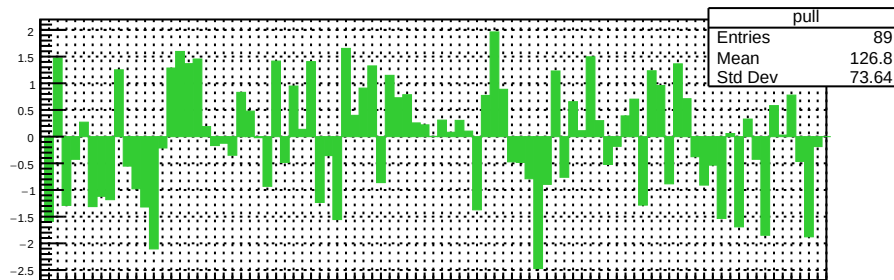
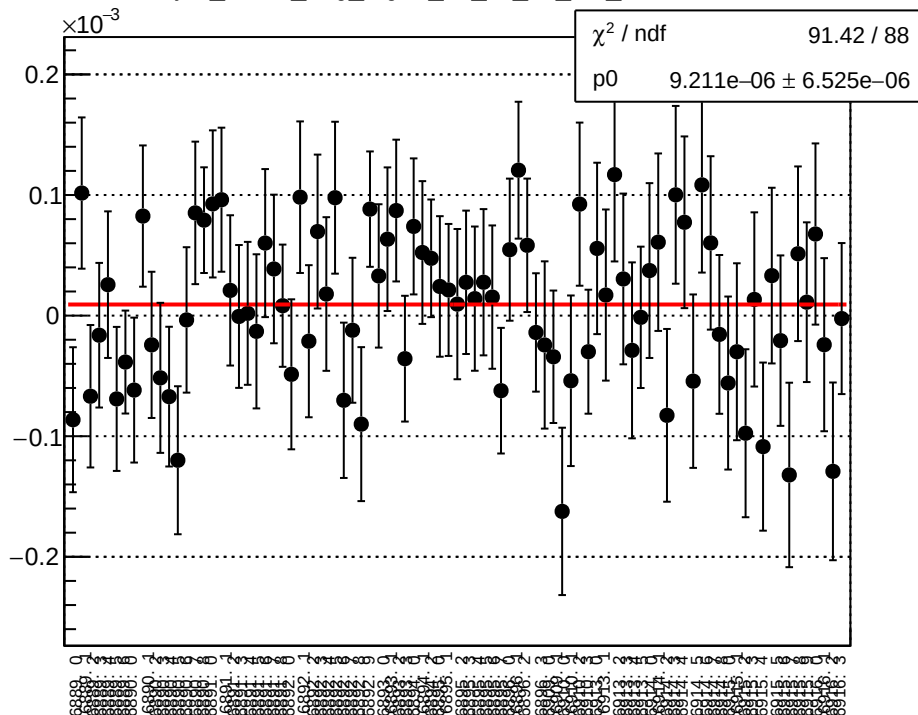
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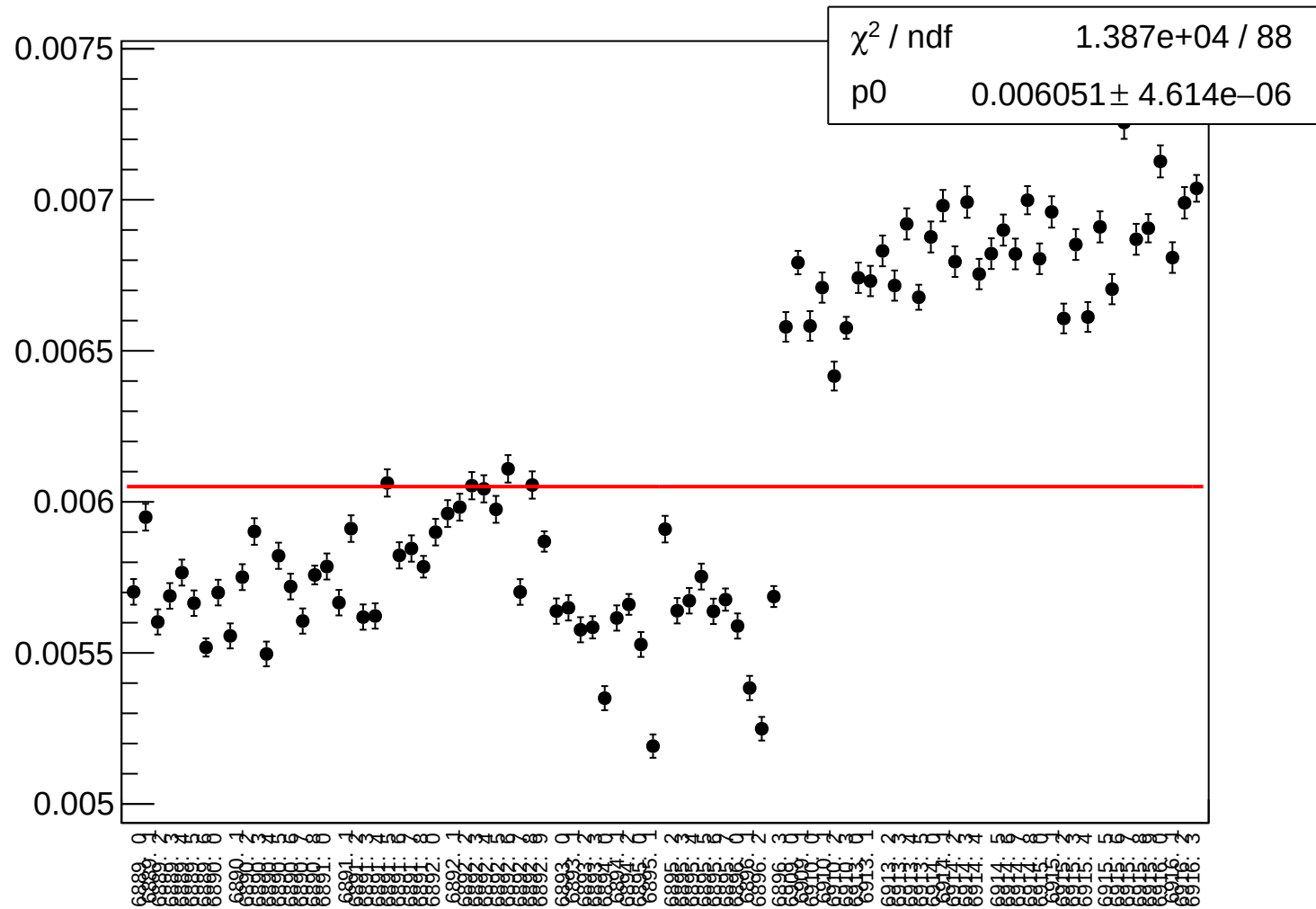
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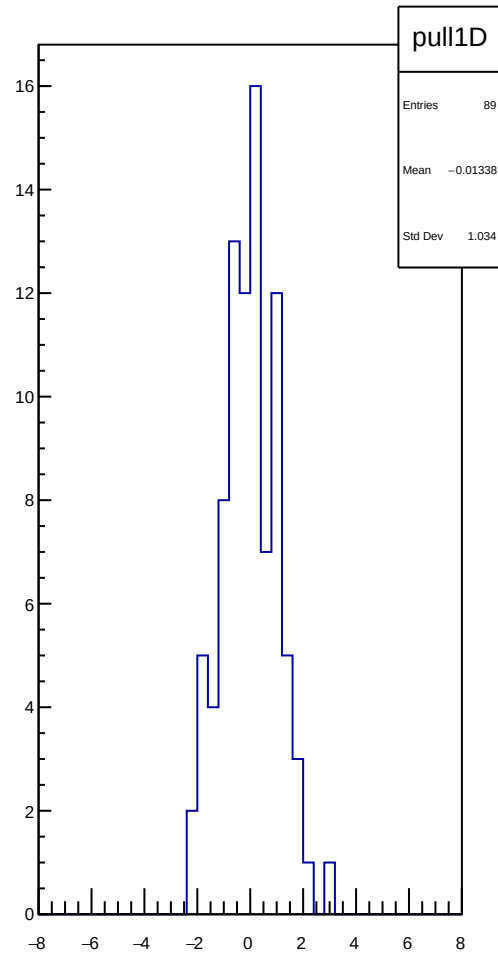
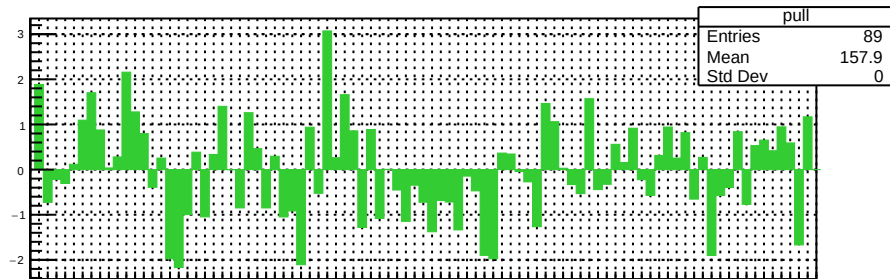
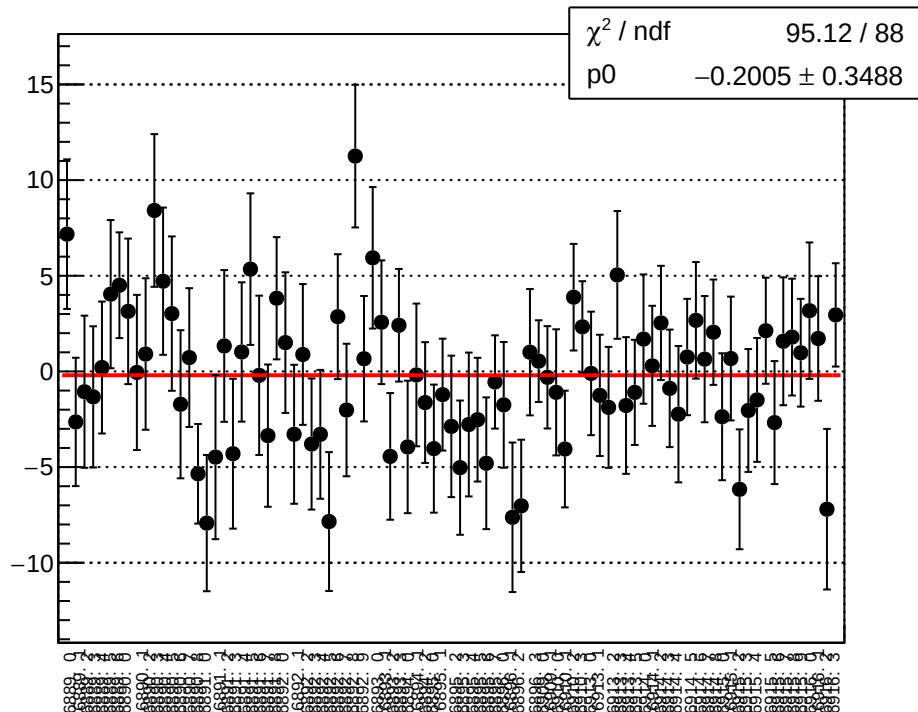
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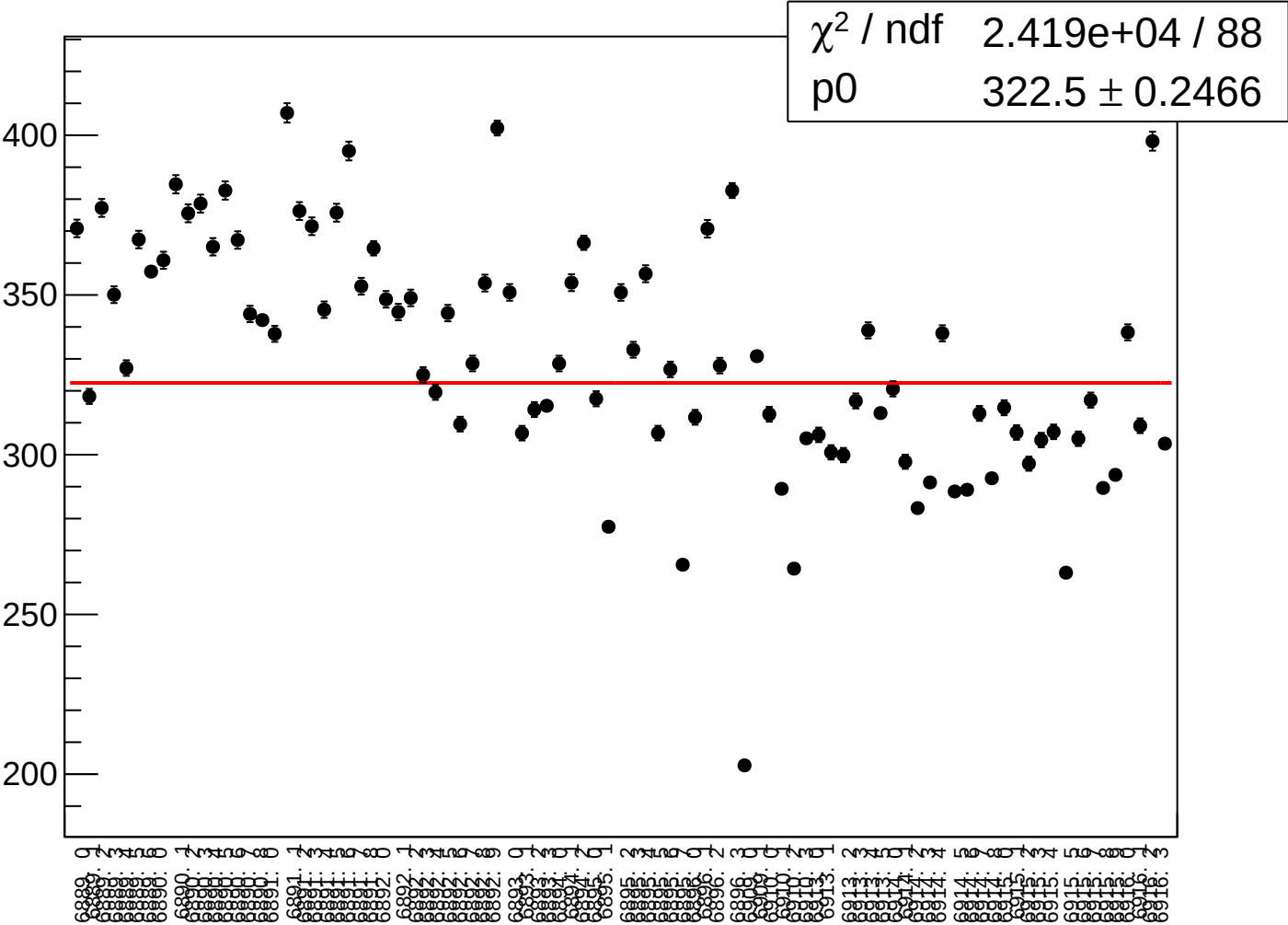
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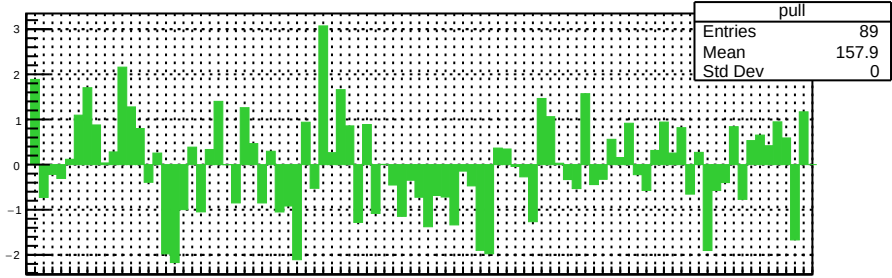
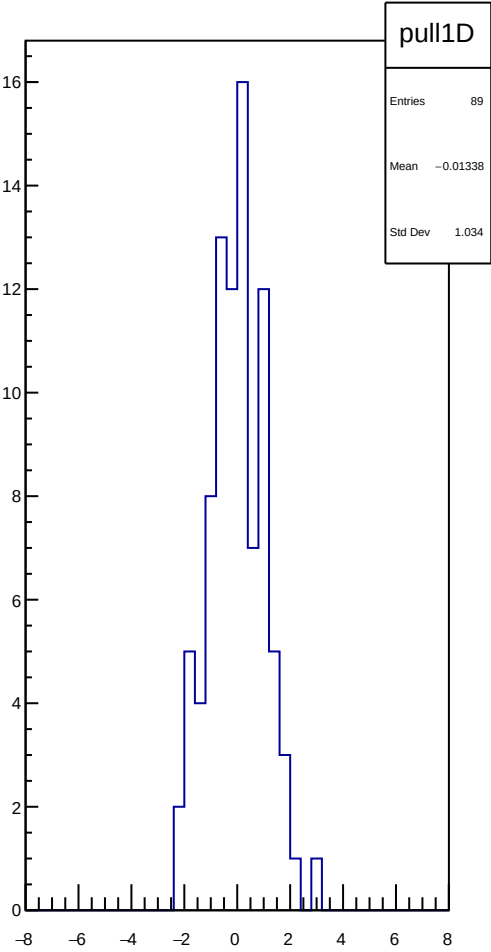
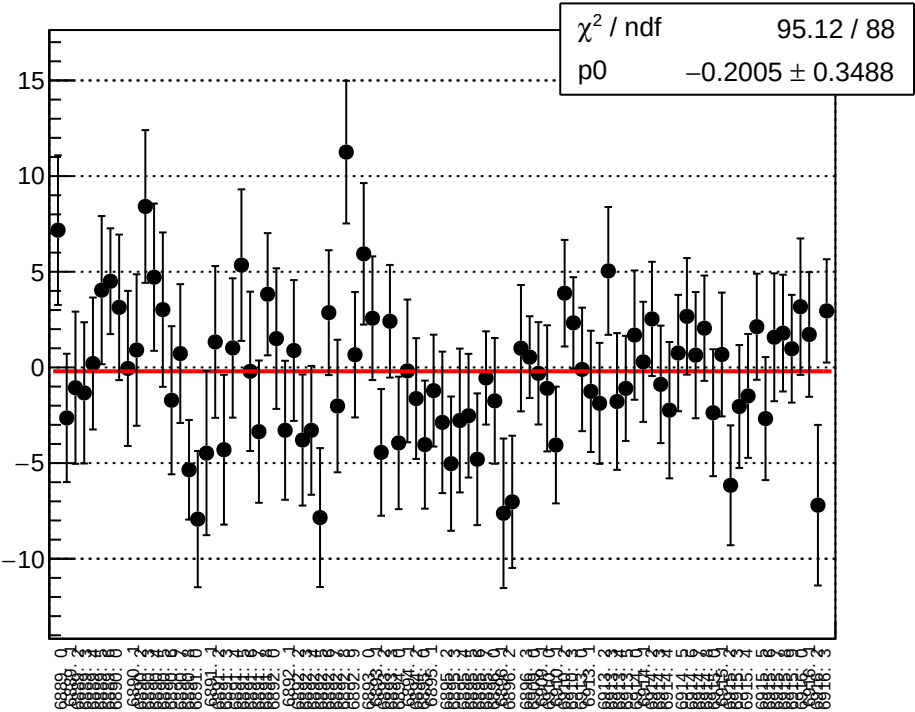
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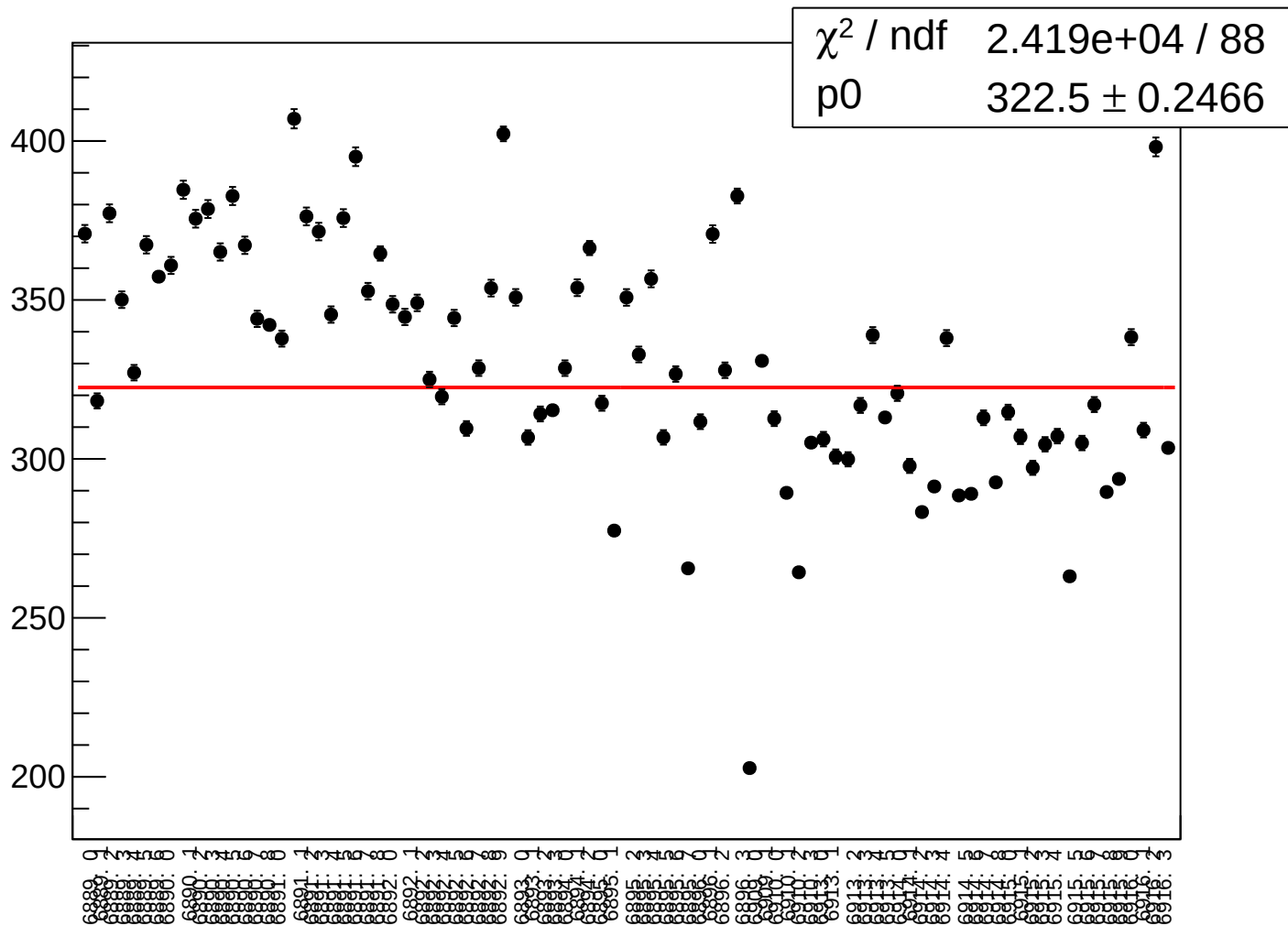
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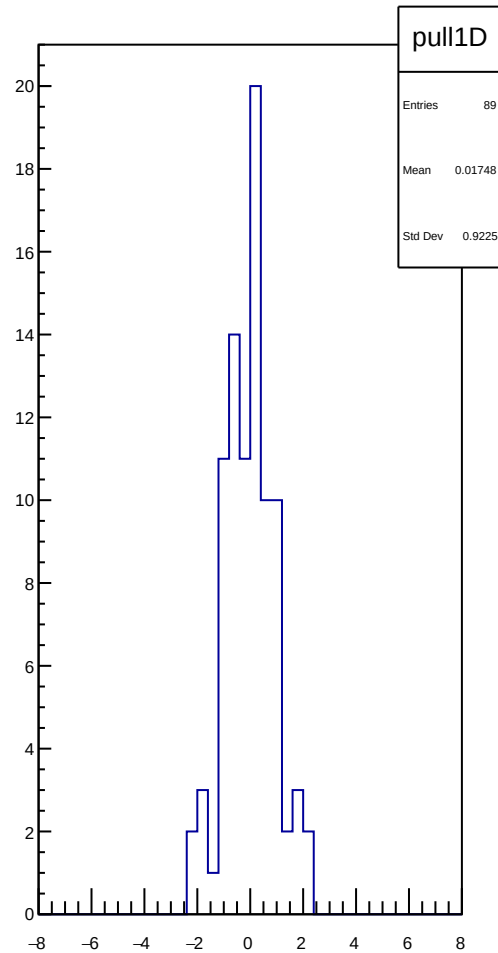
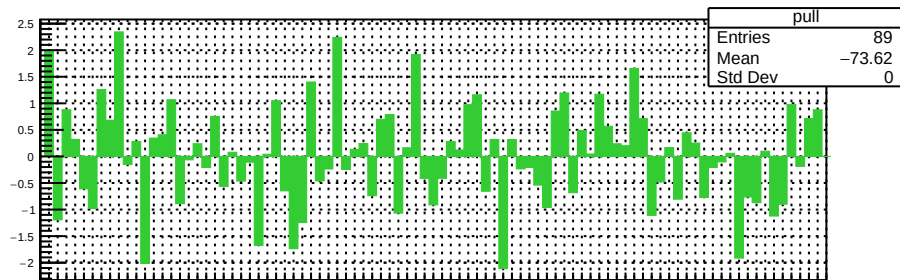
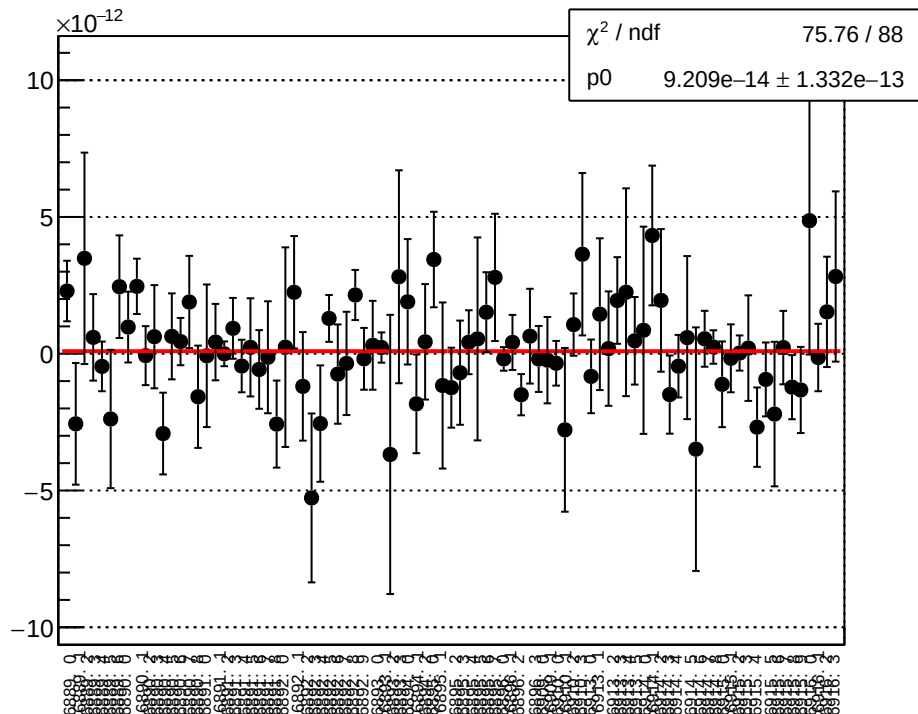
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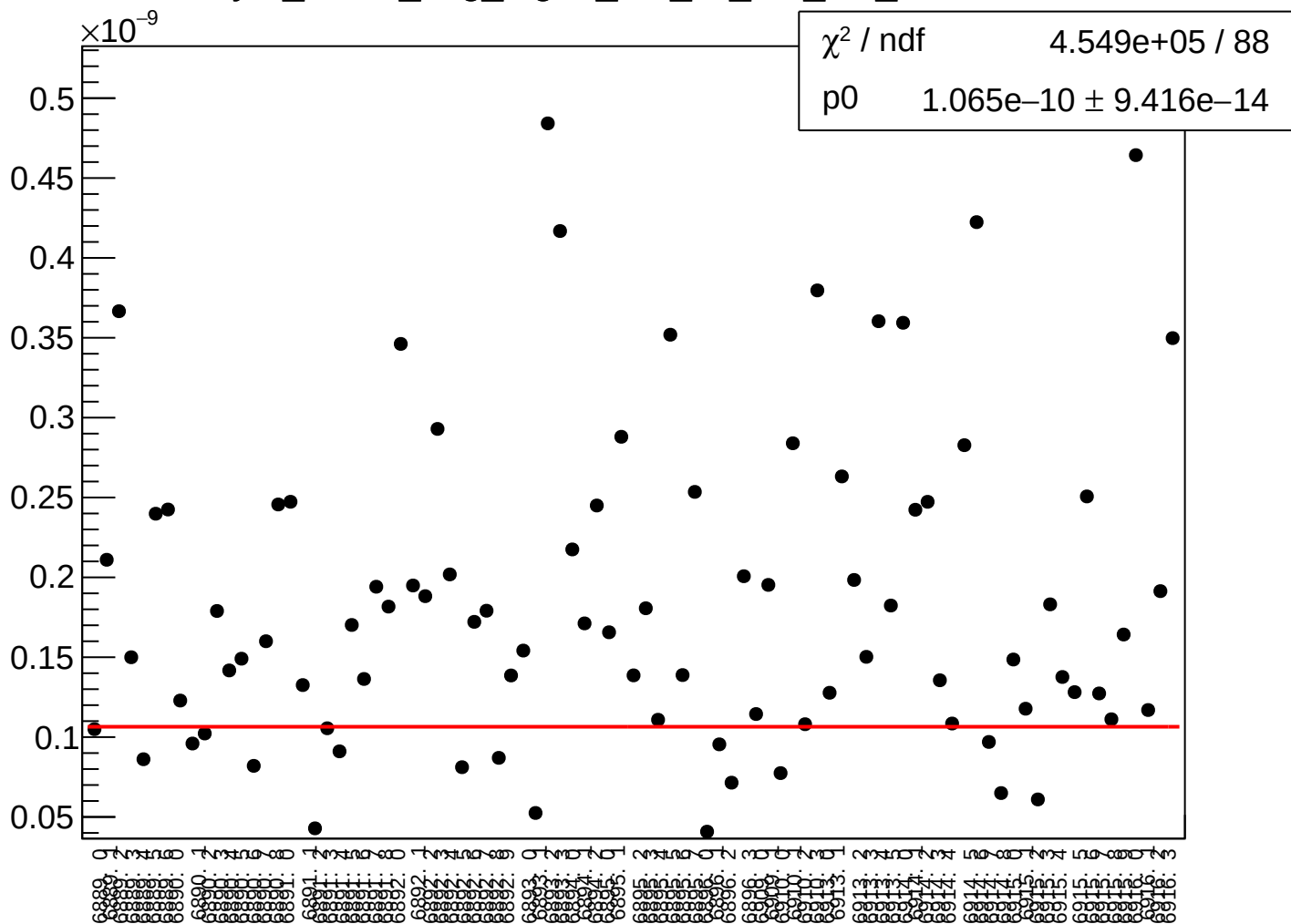
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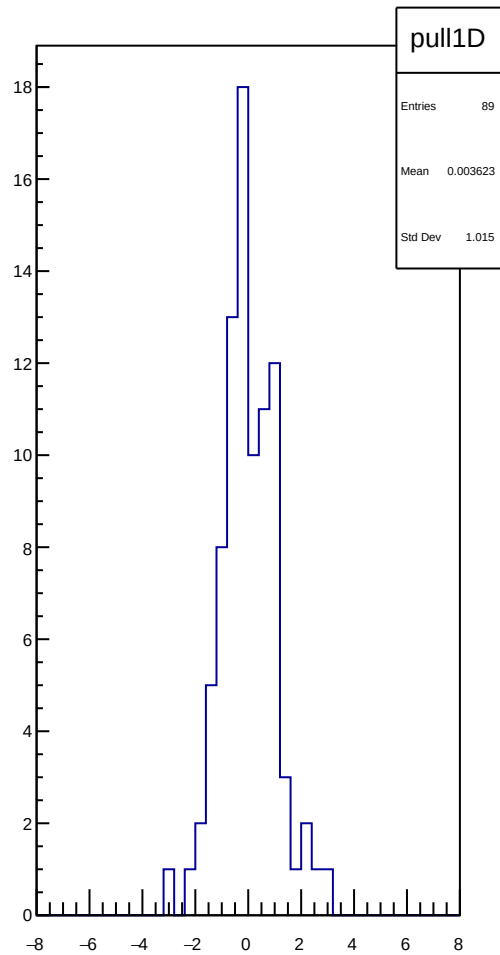
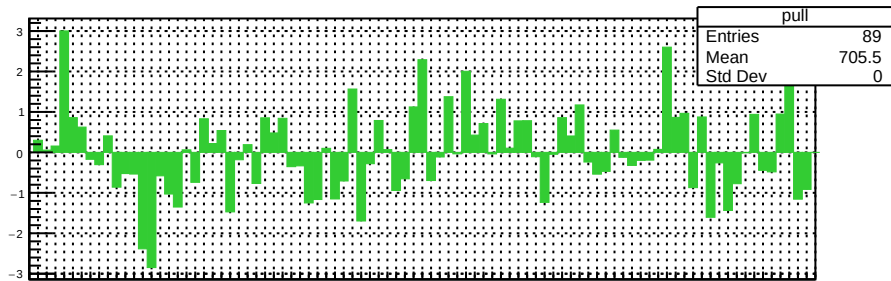
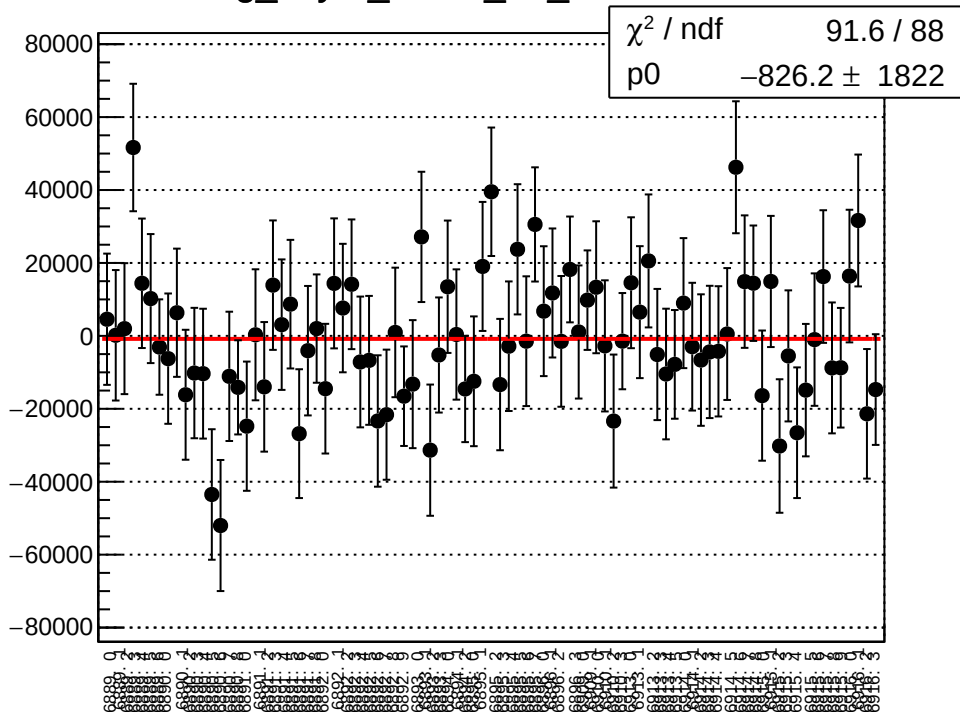
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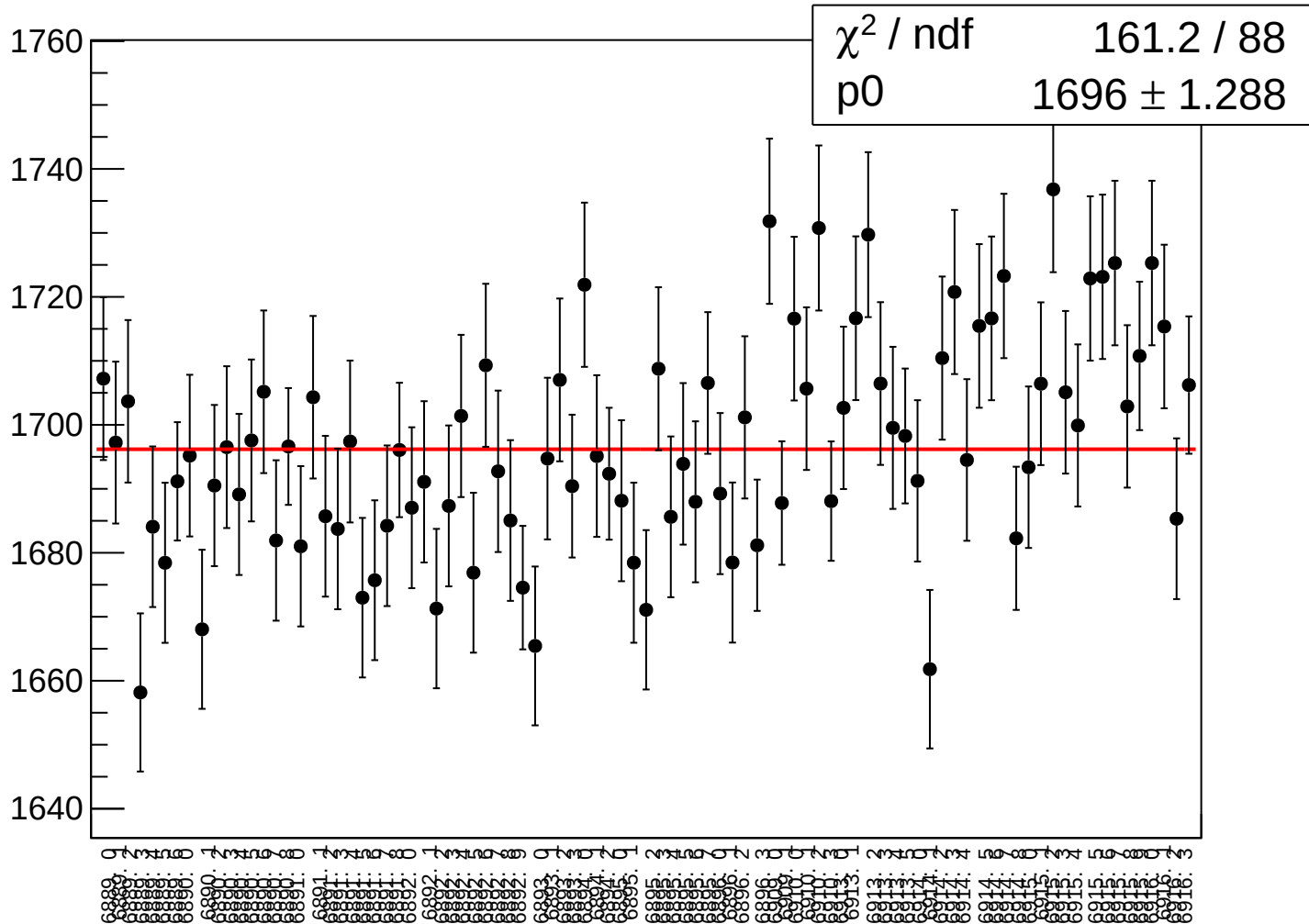
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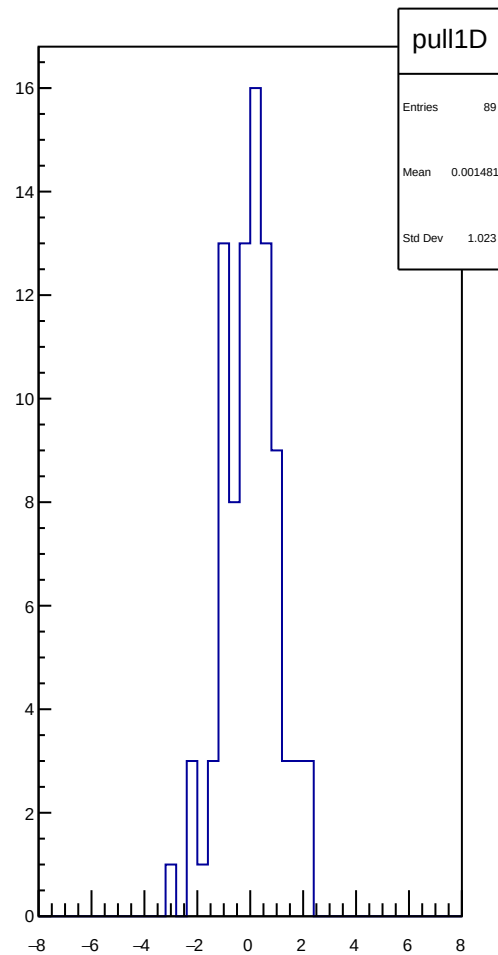
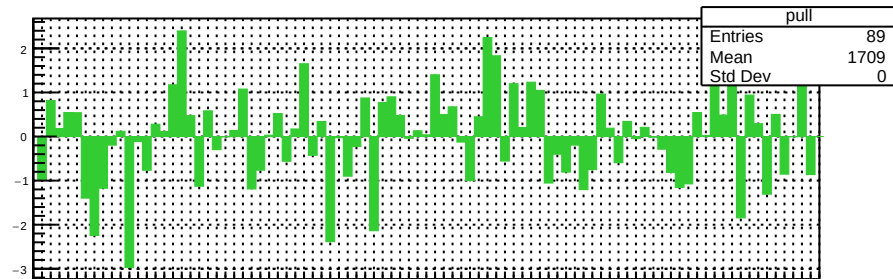
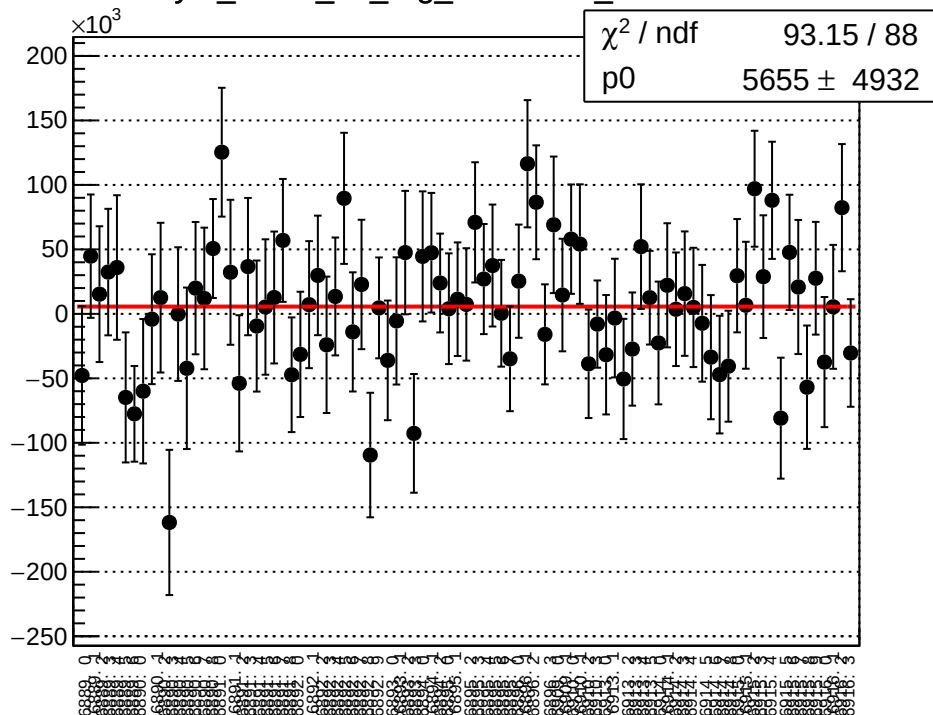
reg_asym_atl1r2_dd_mean vs run



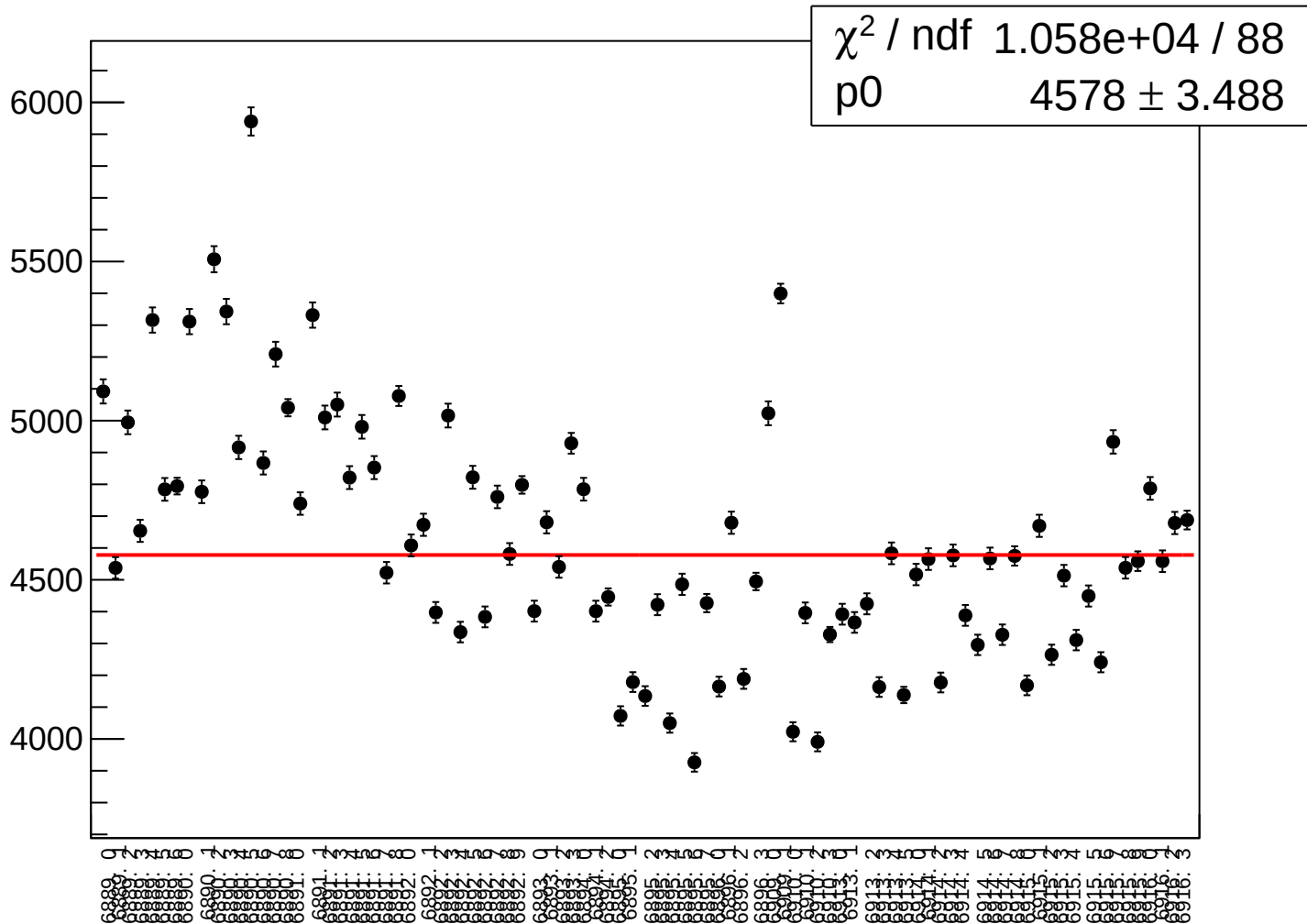
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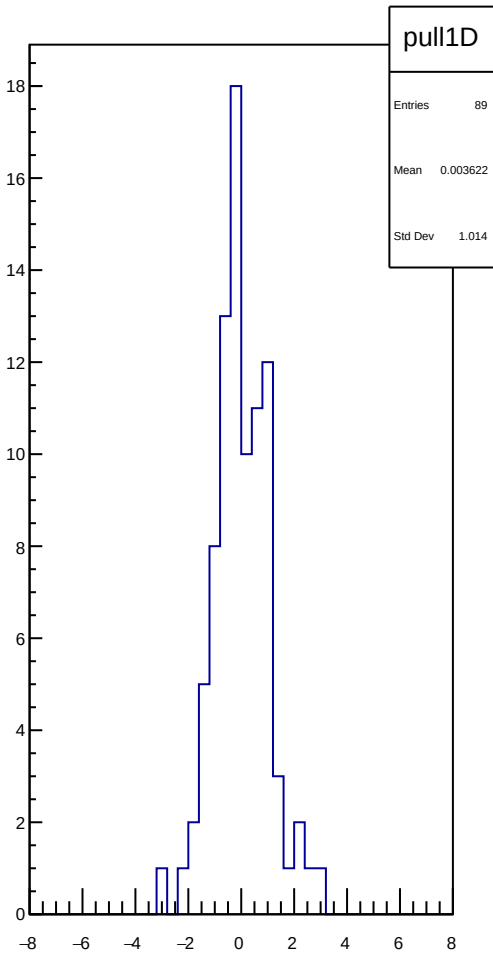
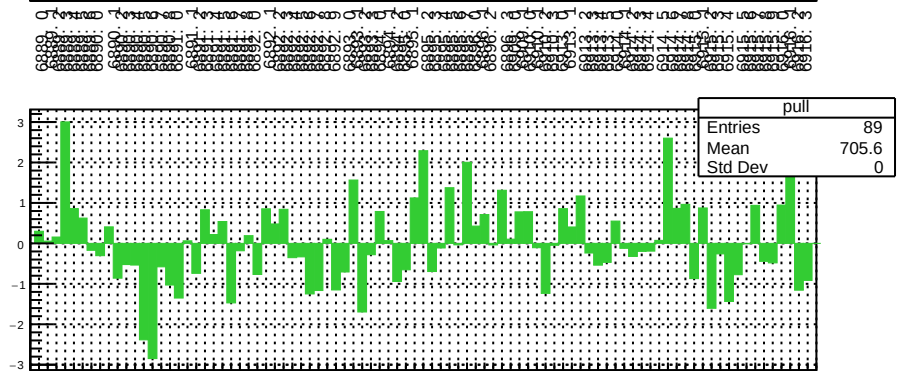
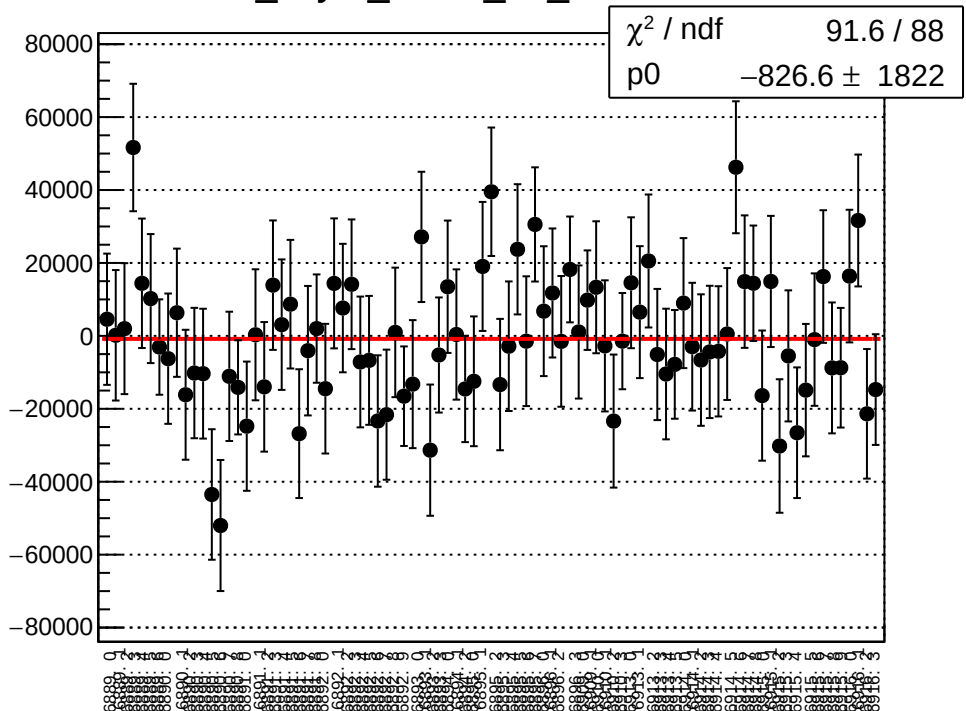
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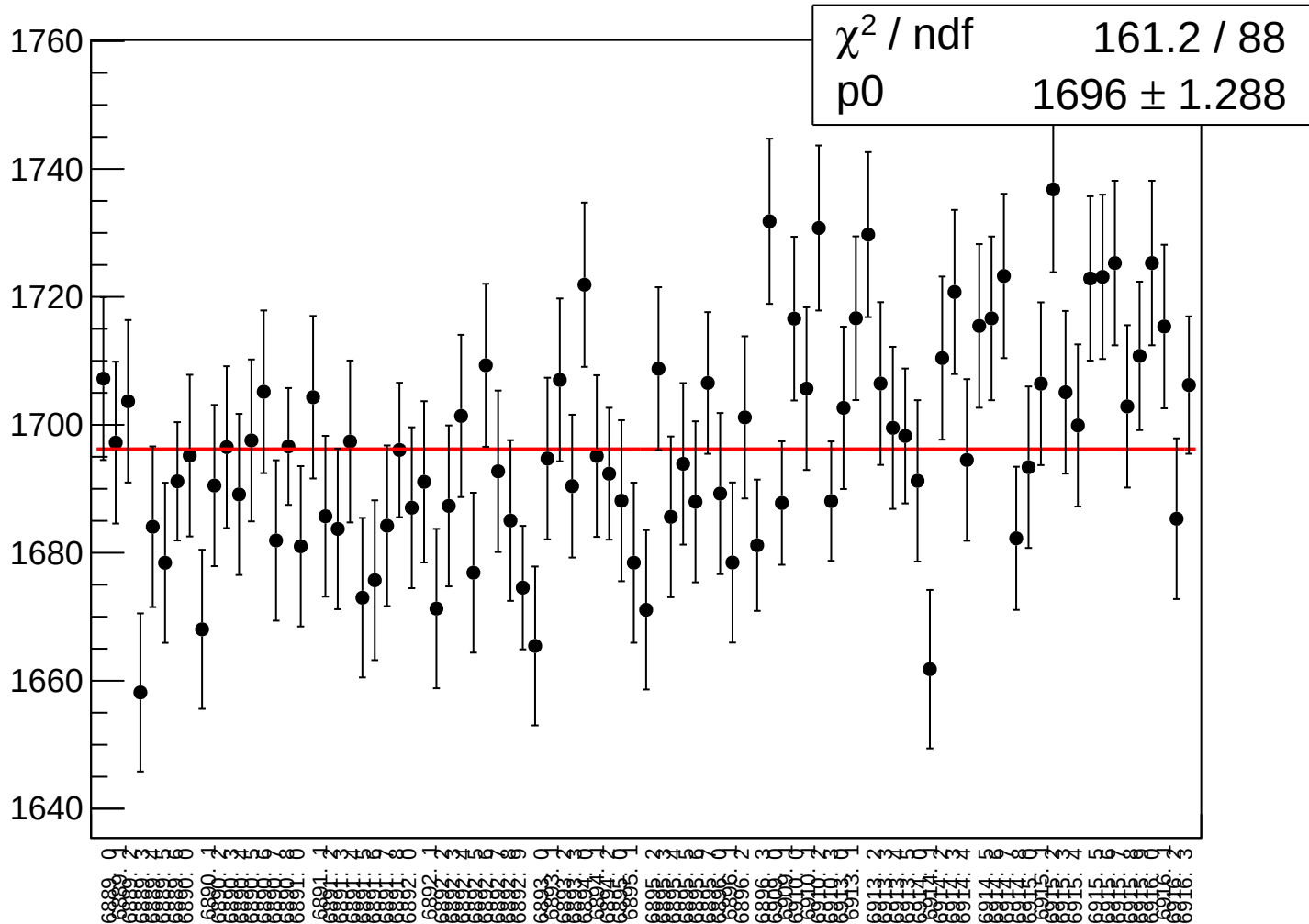
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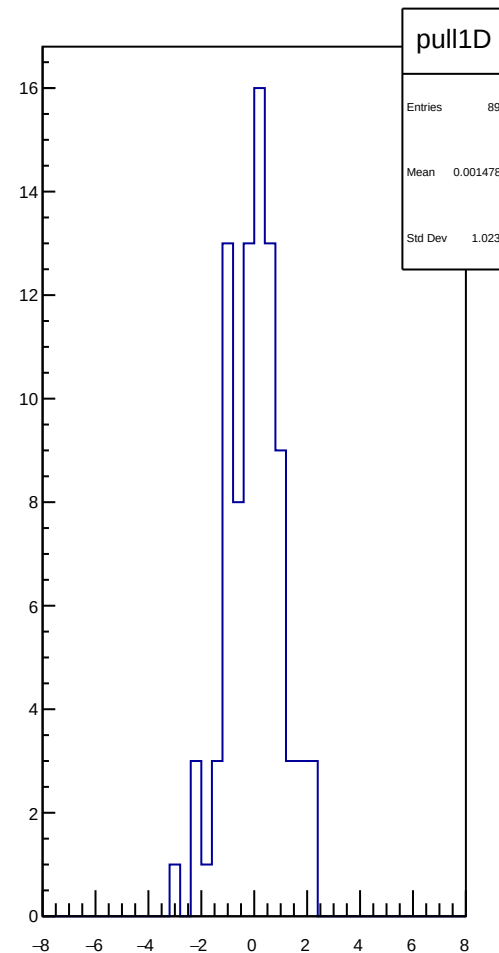
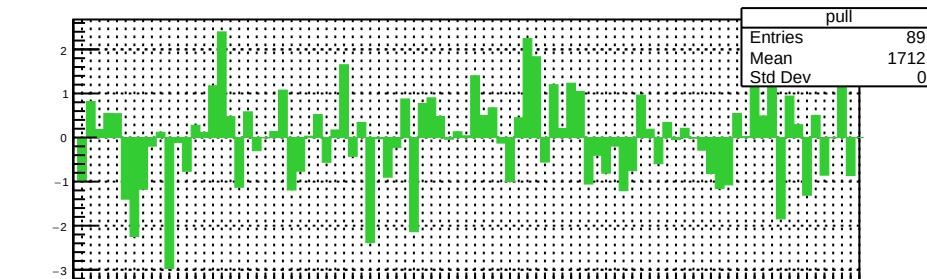
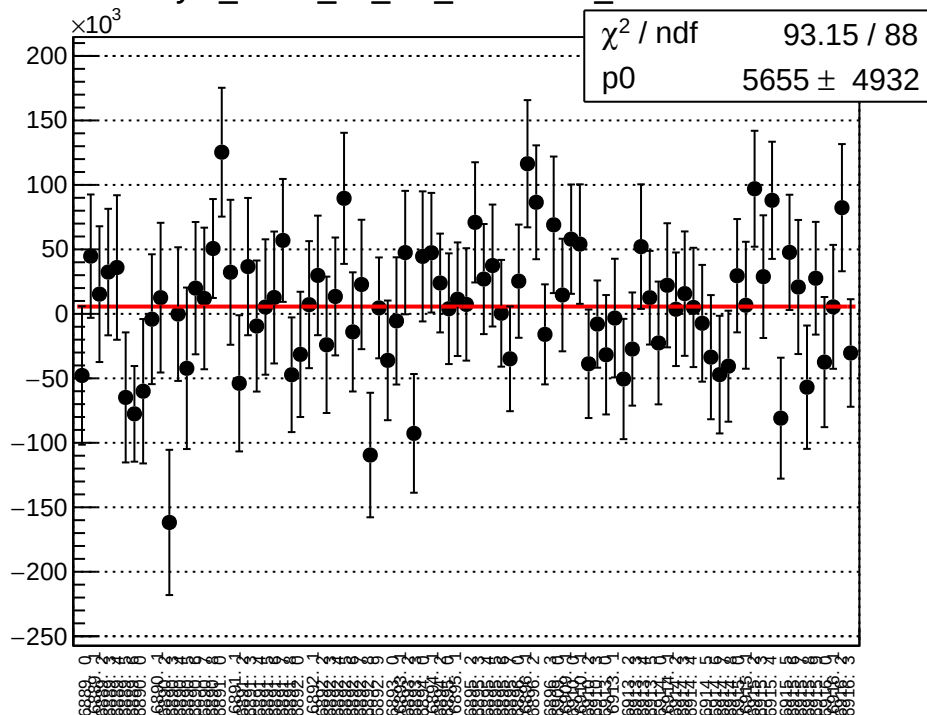
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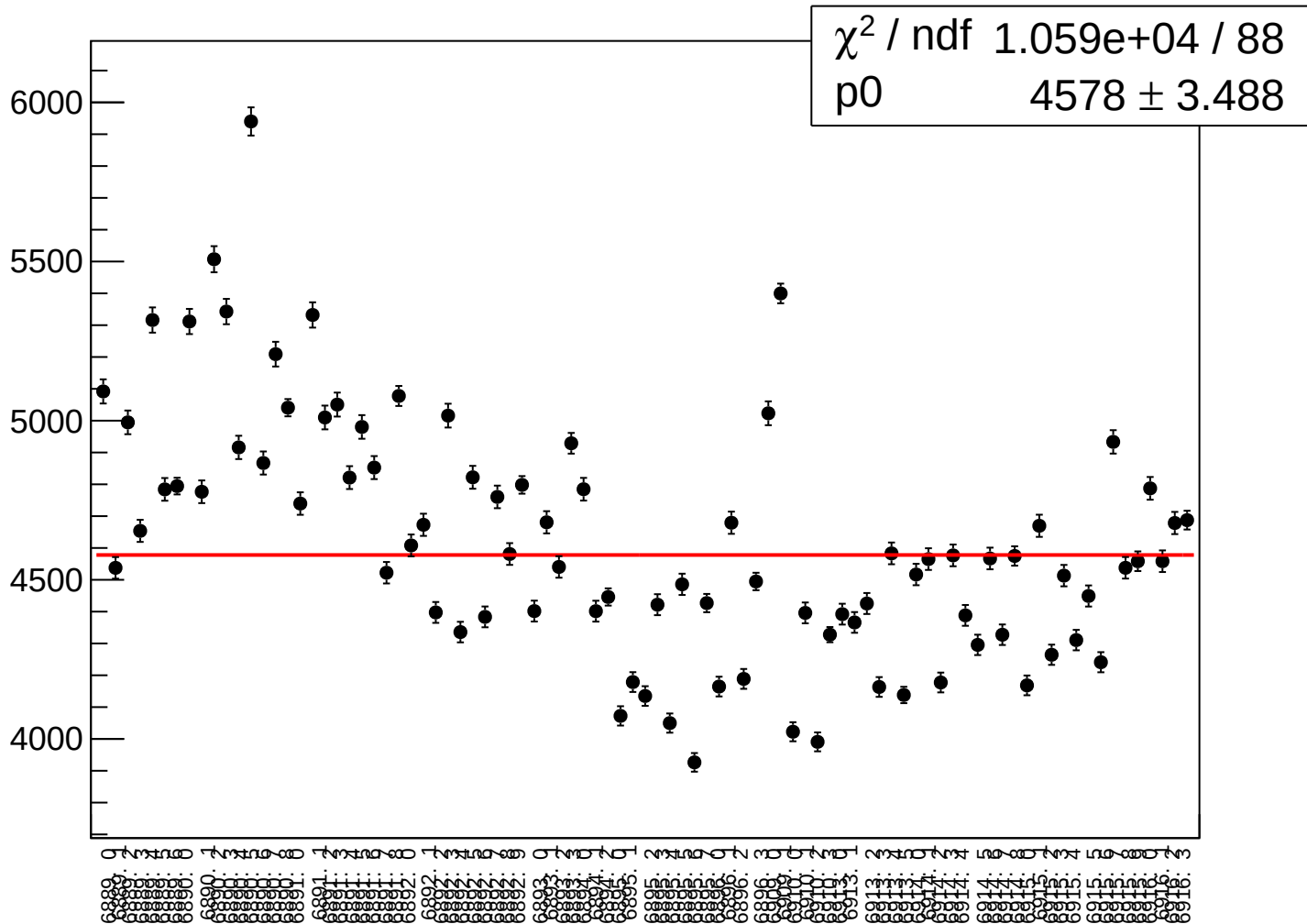
cor_asym_atl1r2_dd_rms vs run



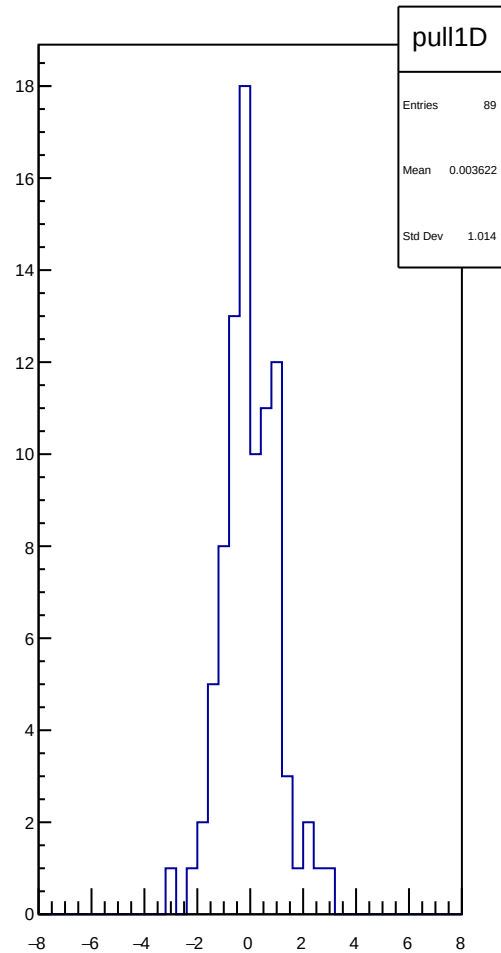
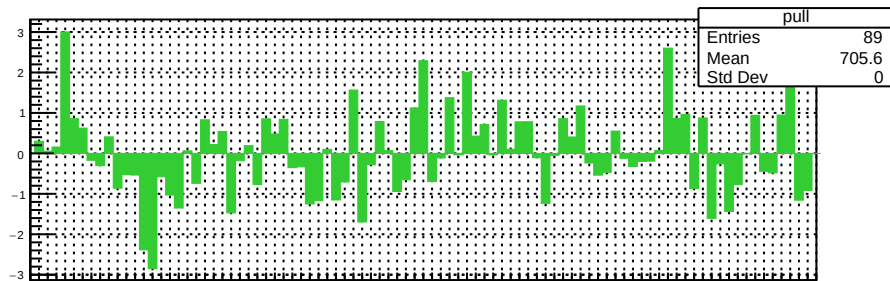
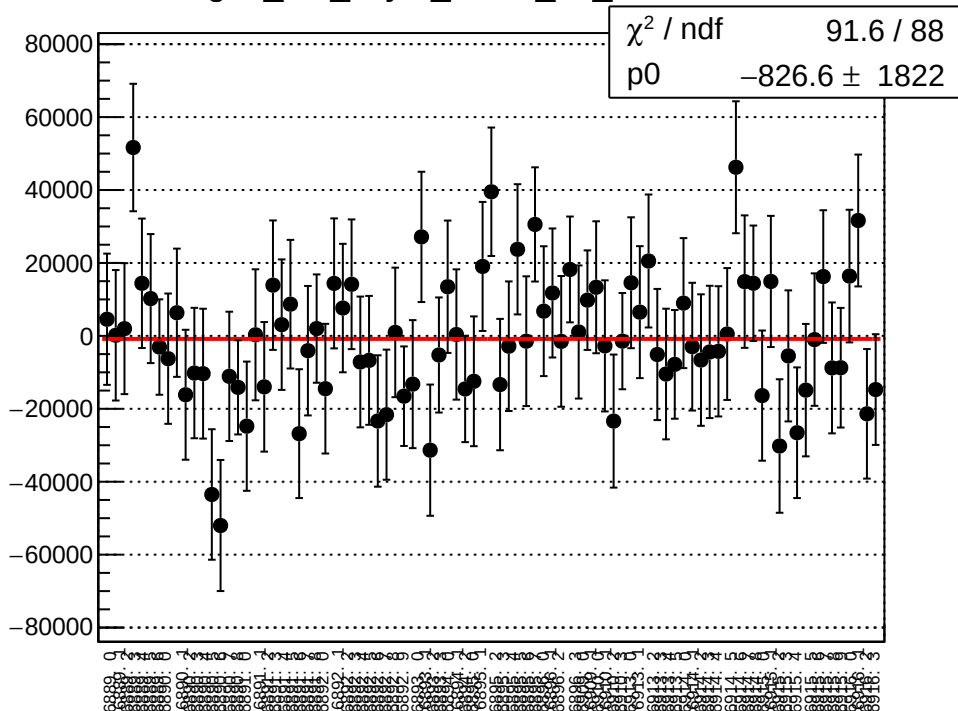
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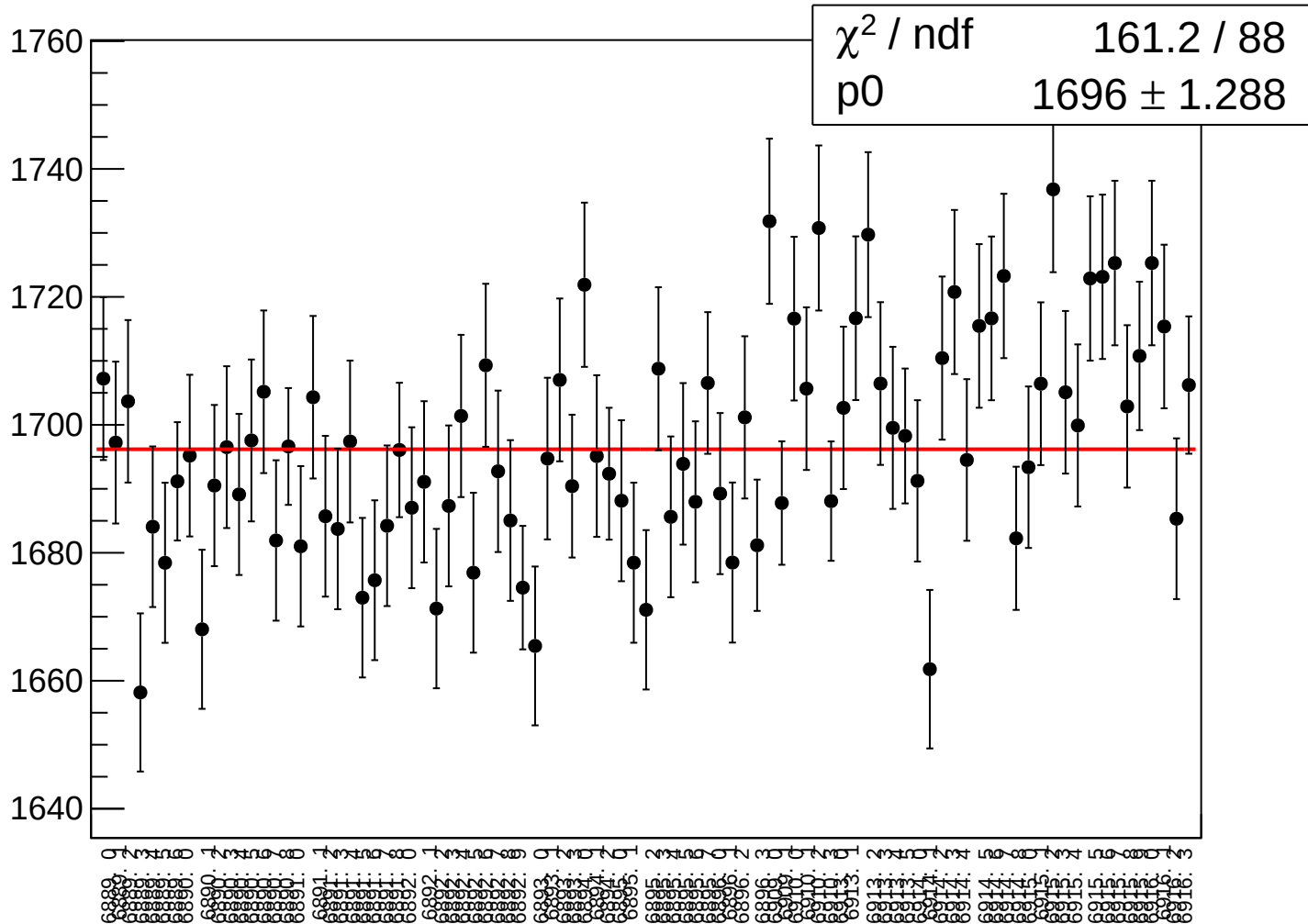
asym_atl1r2_dd_cor_correction_rms vs run



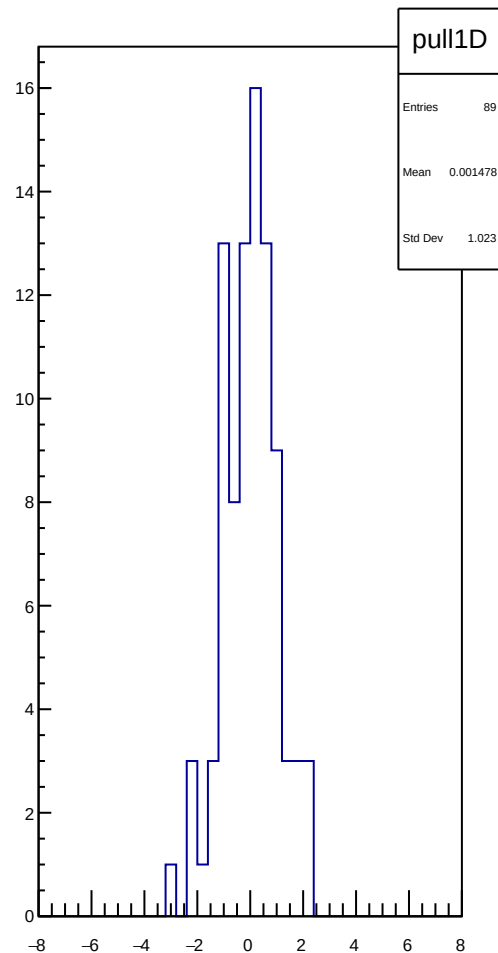
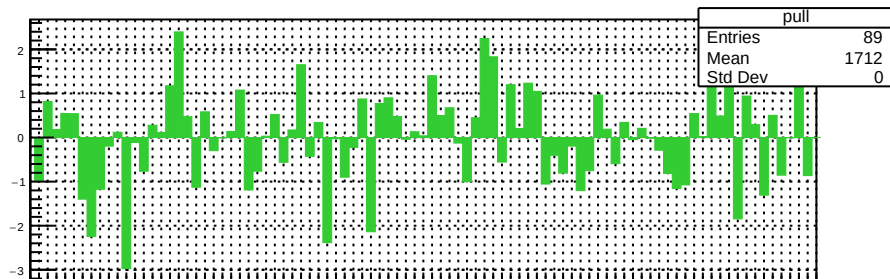
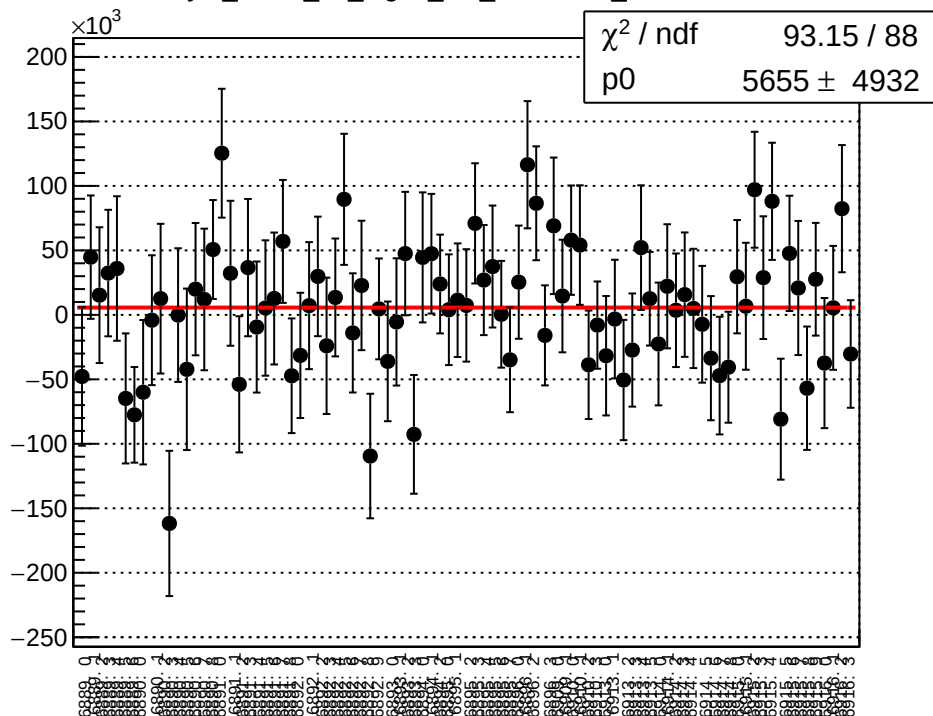
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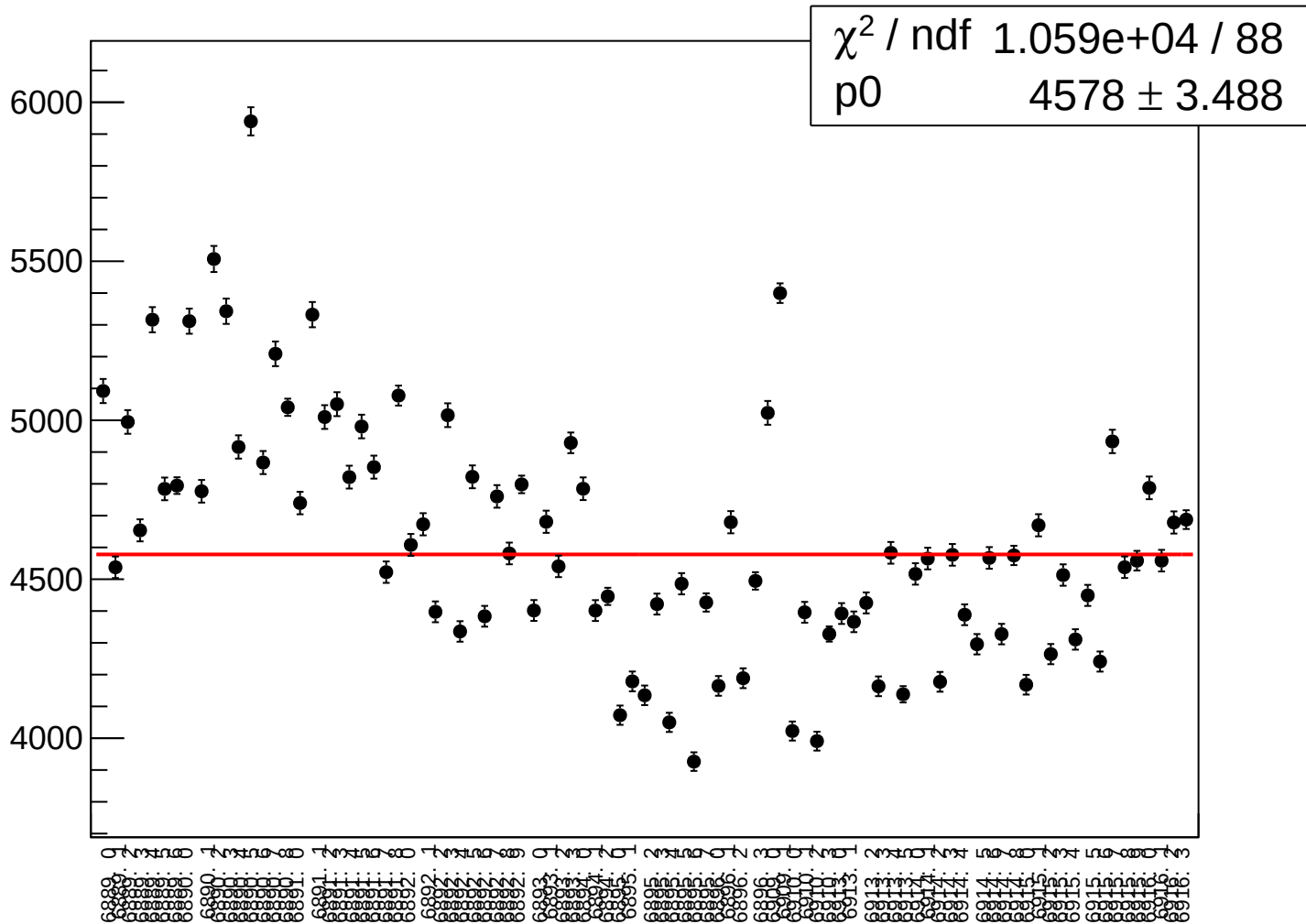
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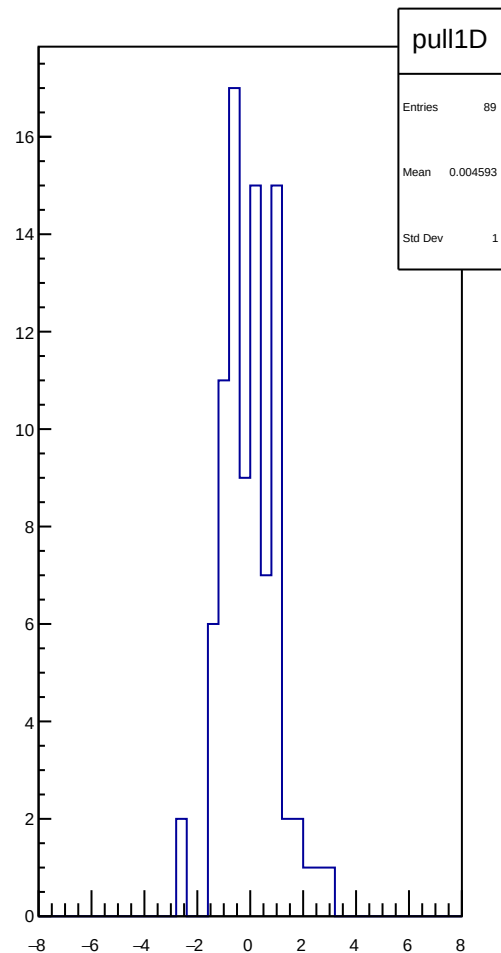
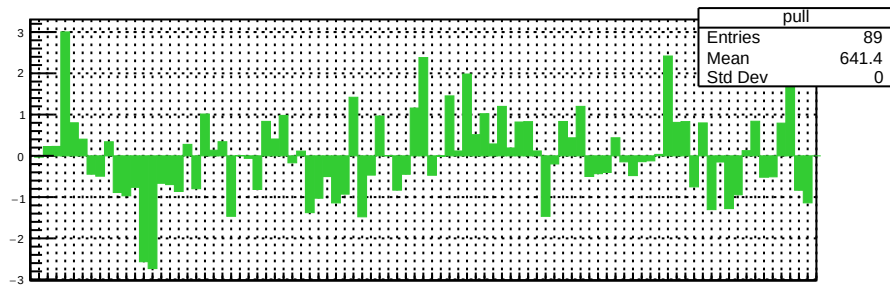
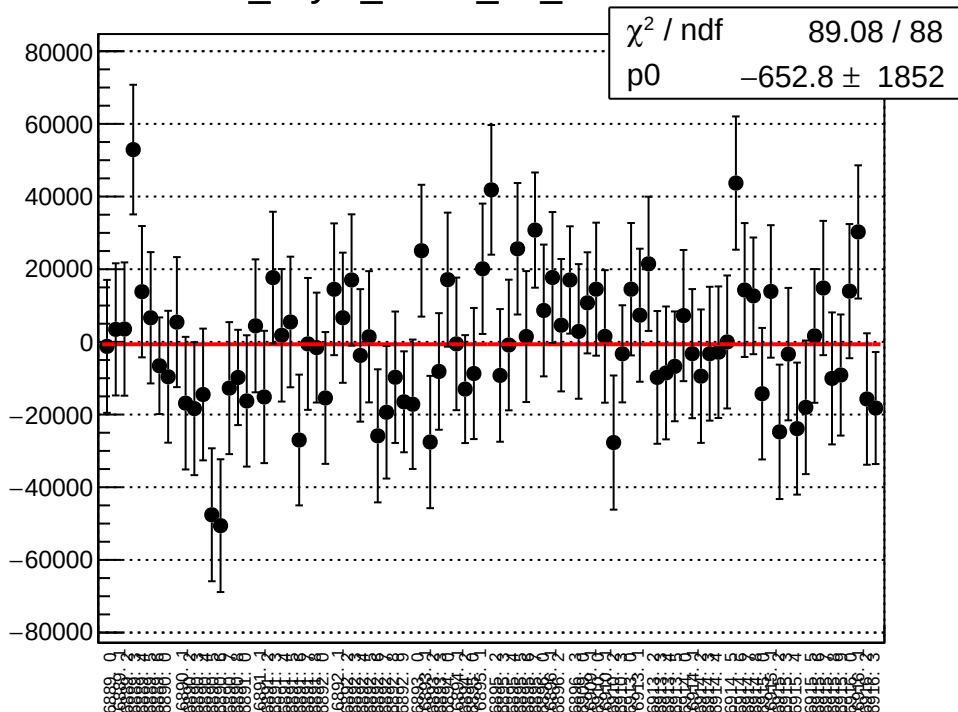
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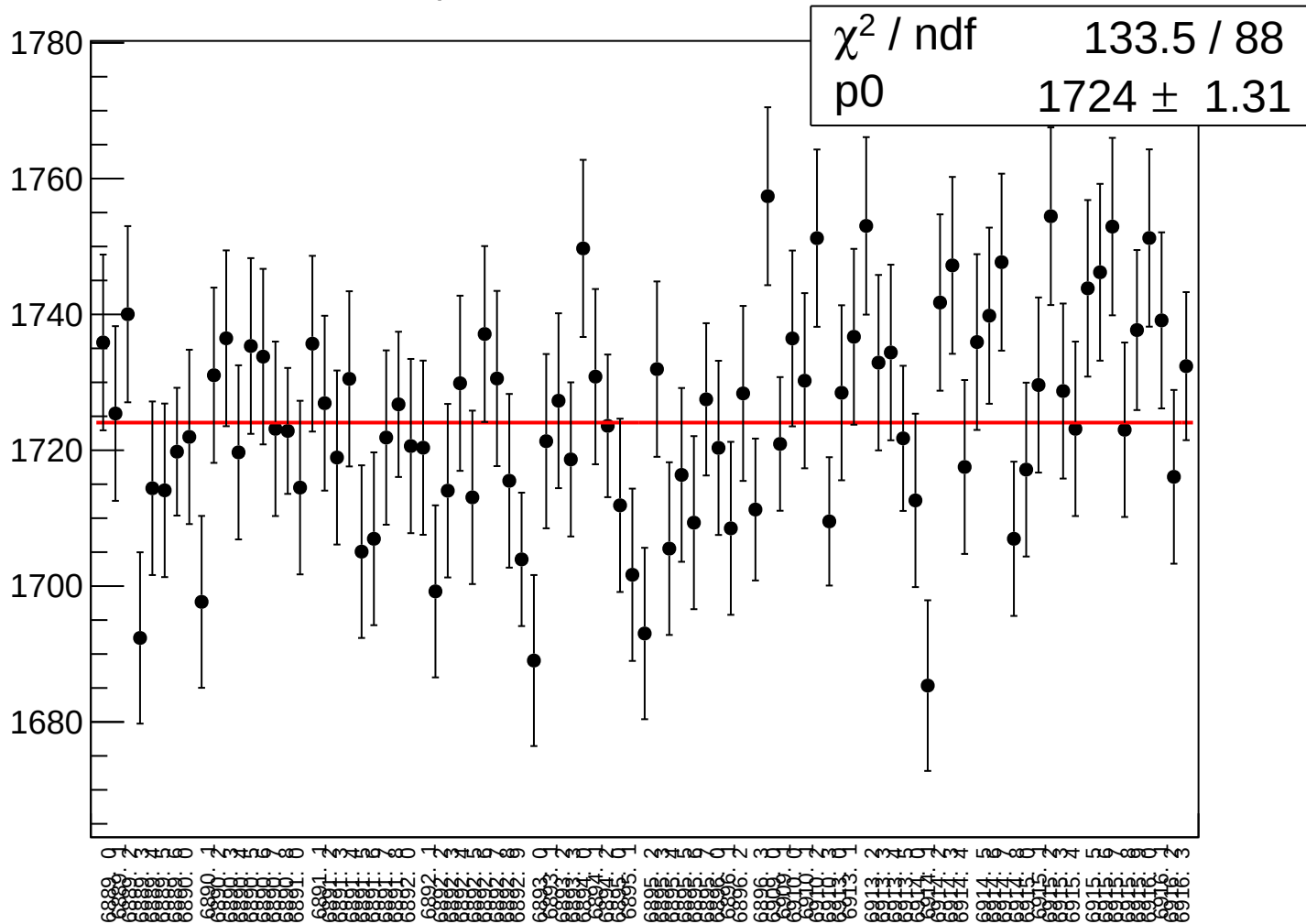
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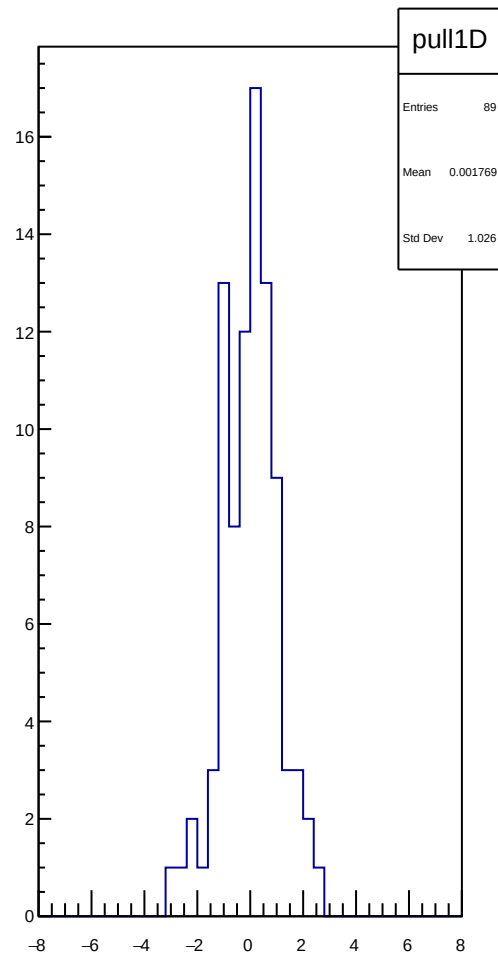
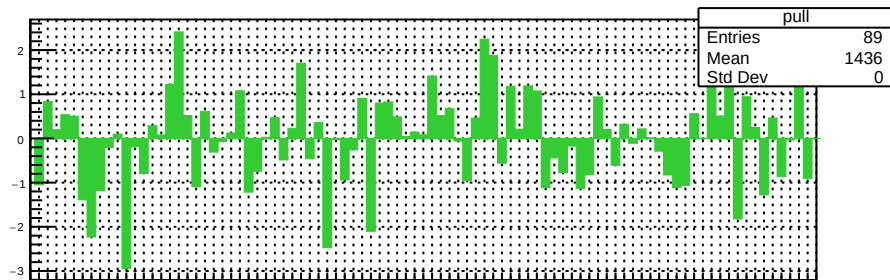
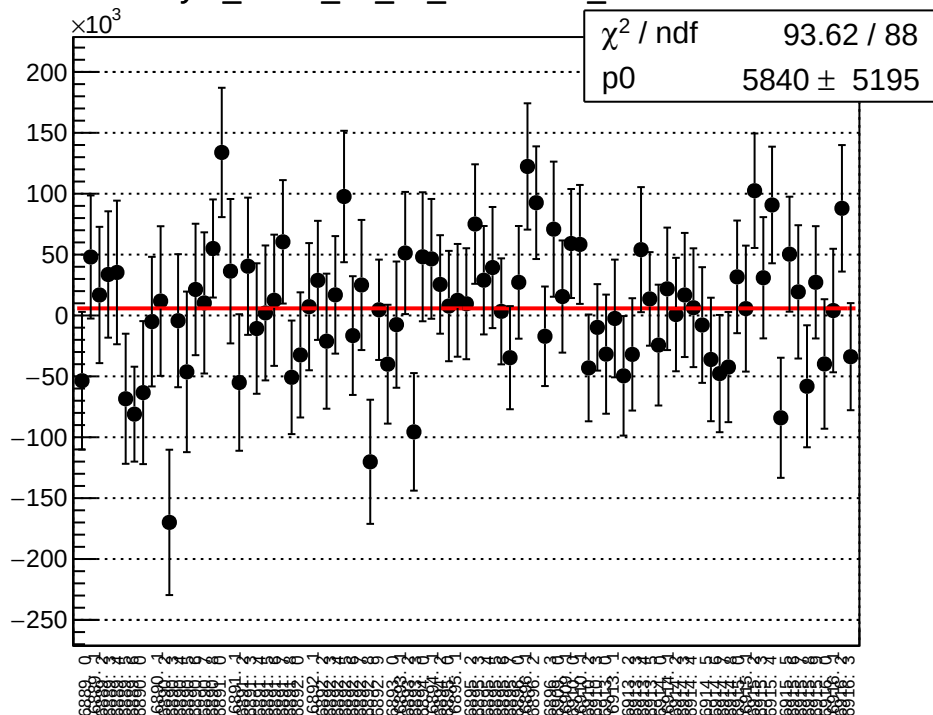
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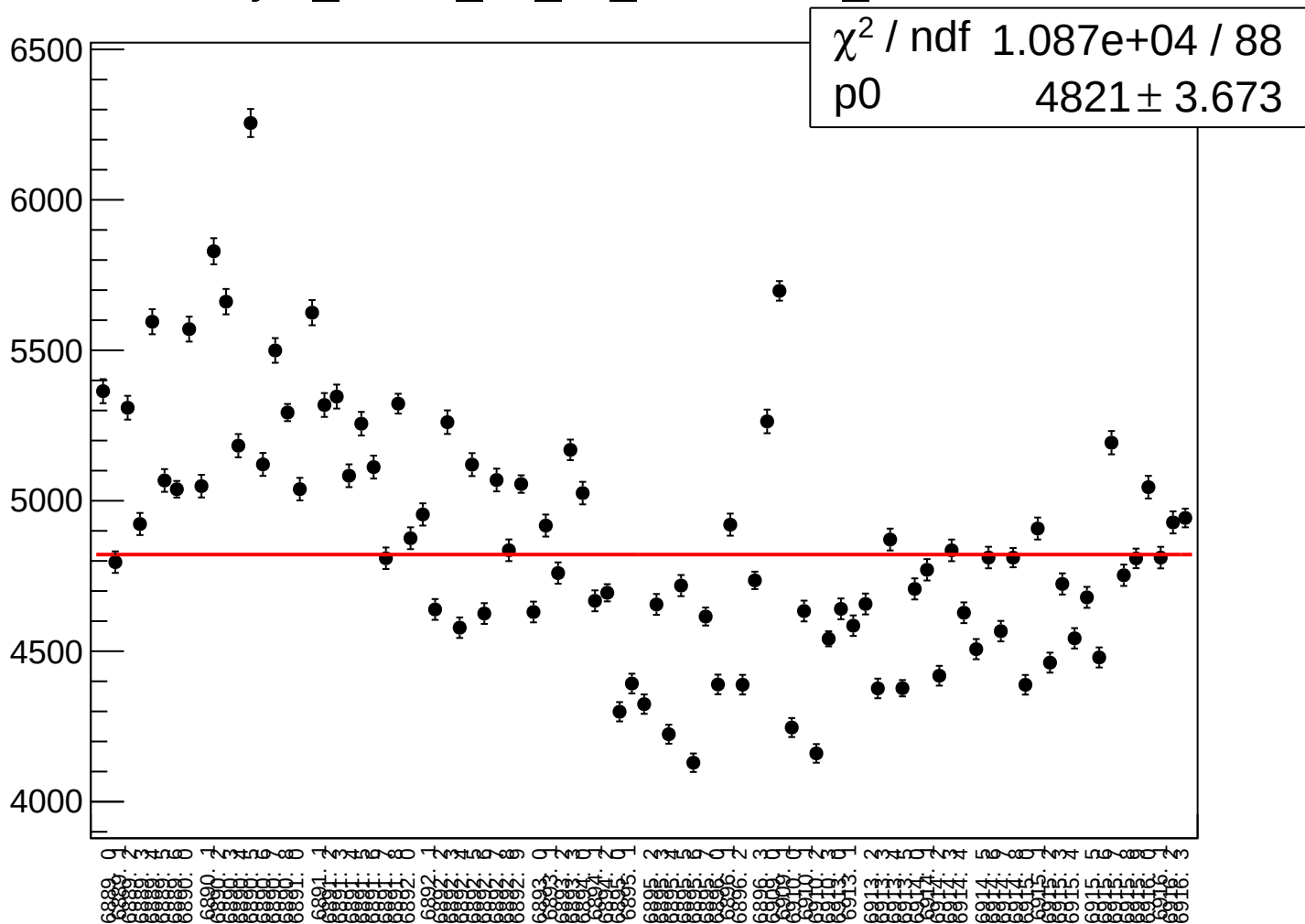
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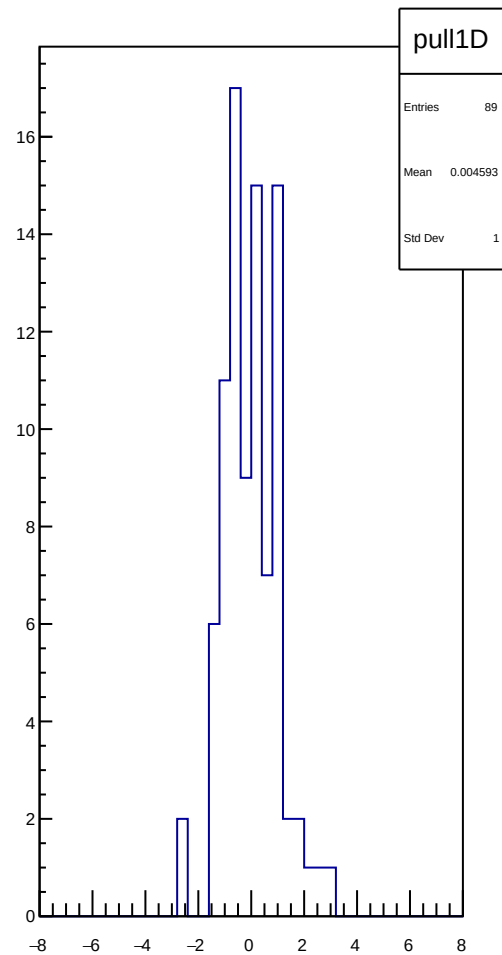
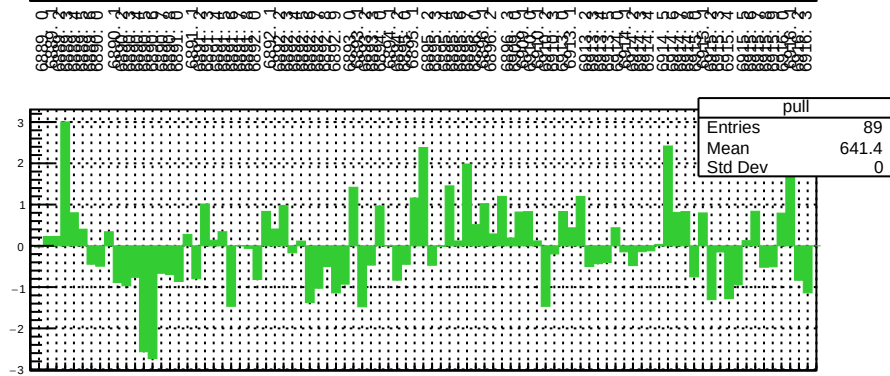
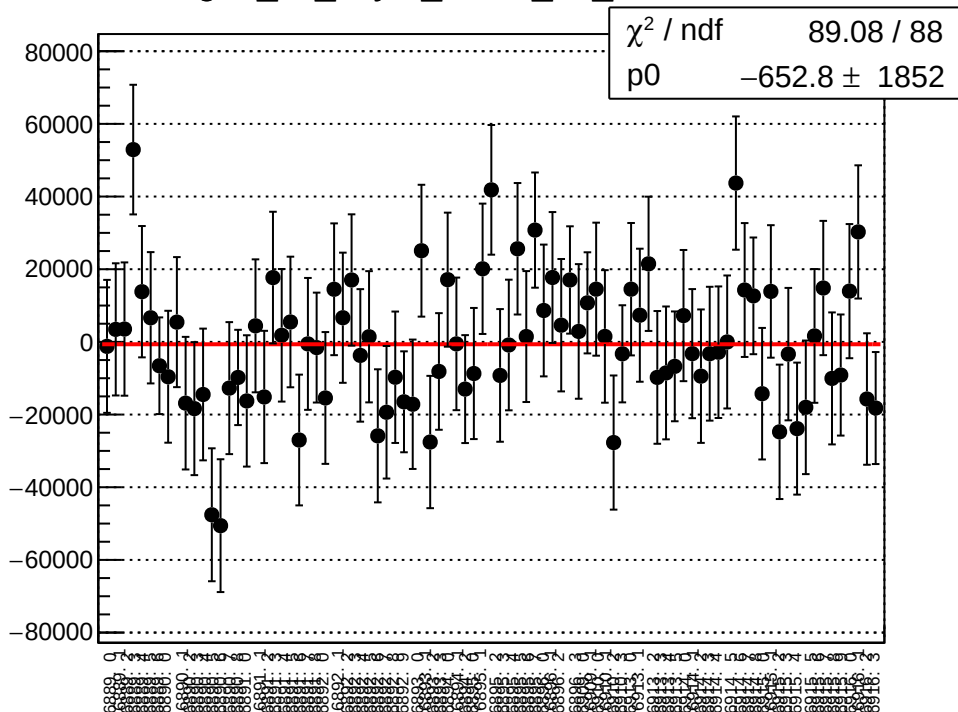
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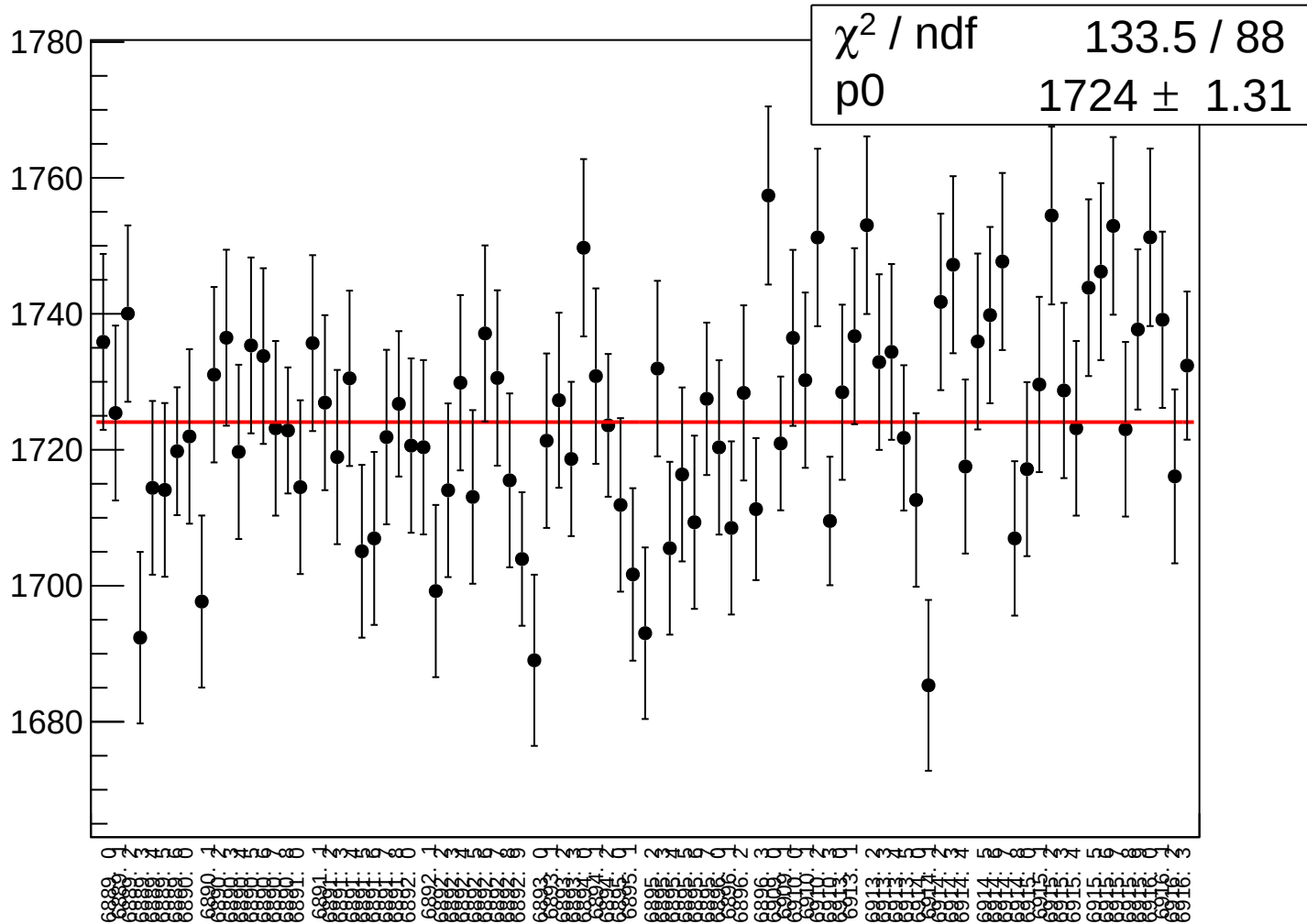
asym_atl1r2_dd_dit_correction_rms vs run

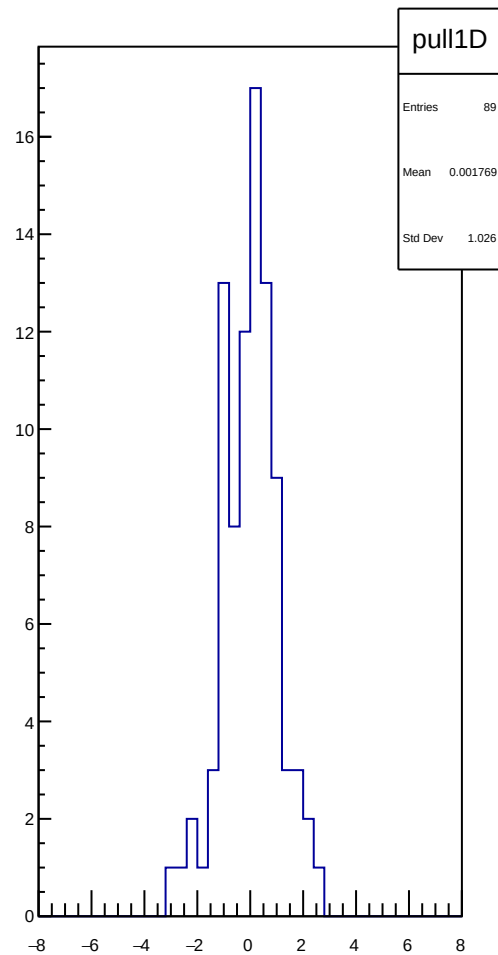
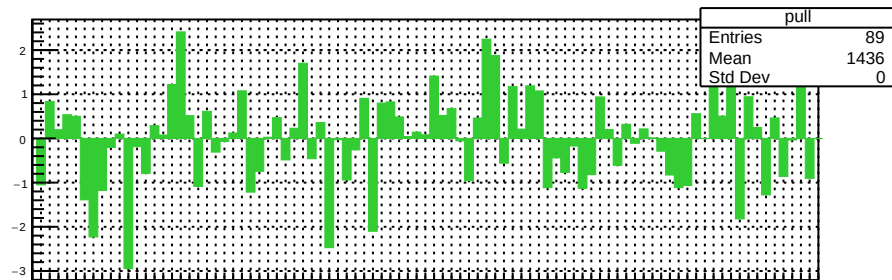
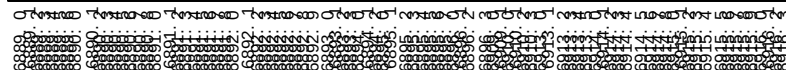


eigen_dit_asym_atl1r2_dd_mean vs run

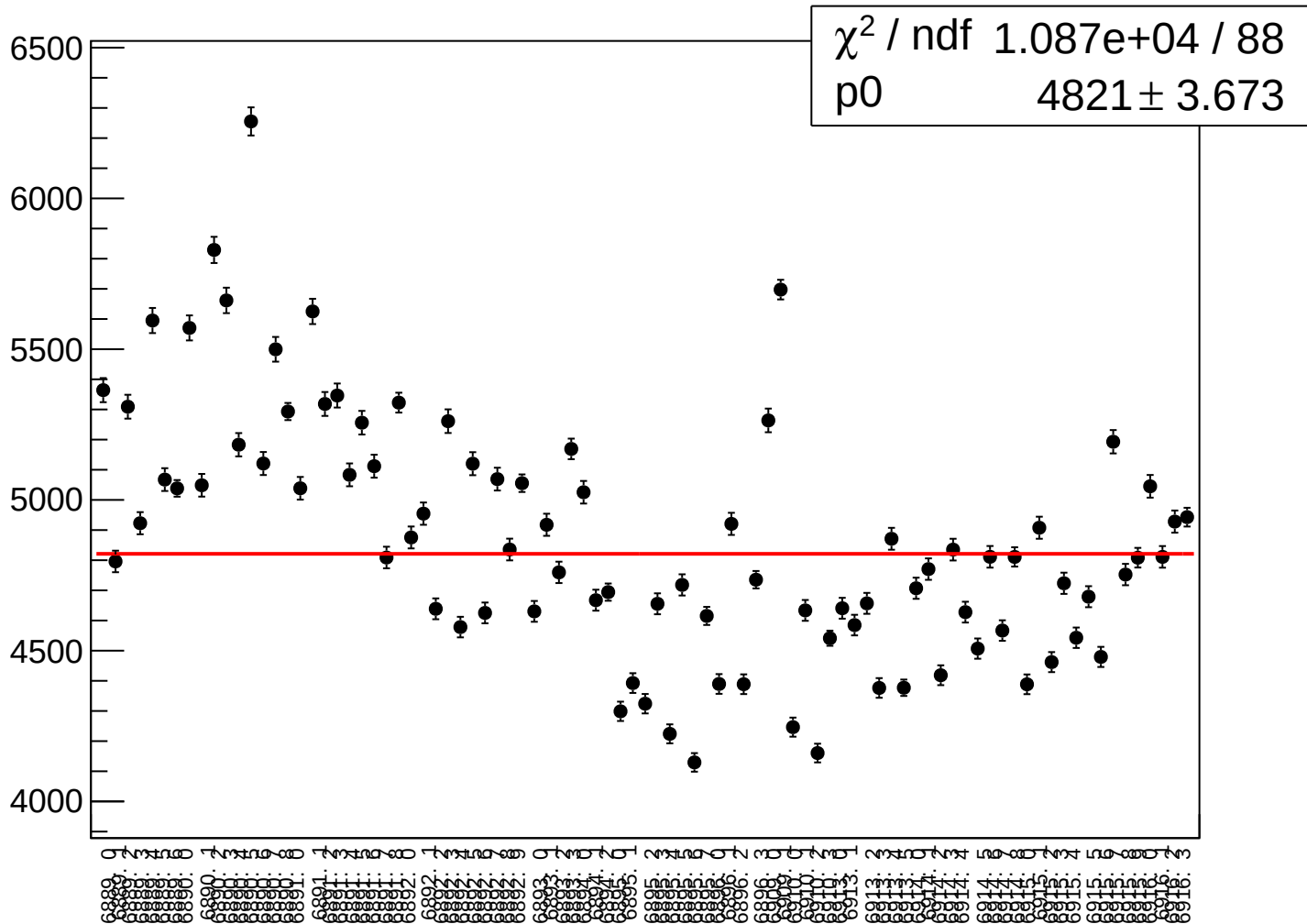


eigen_dit_asym_atl1r2_dd_rms vs run

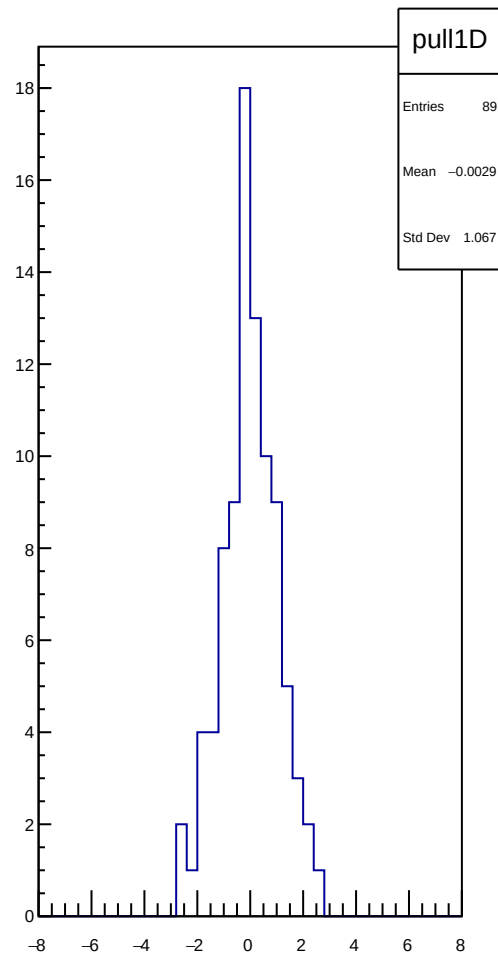
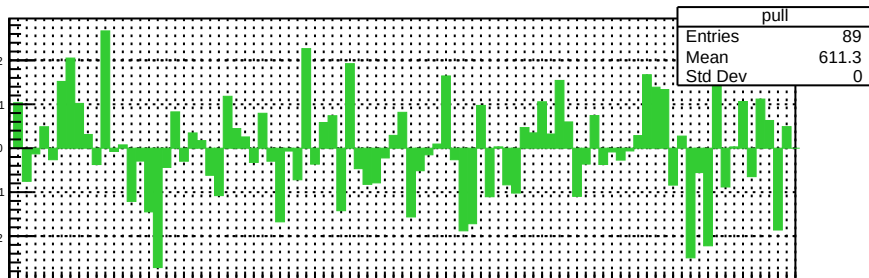
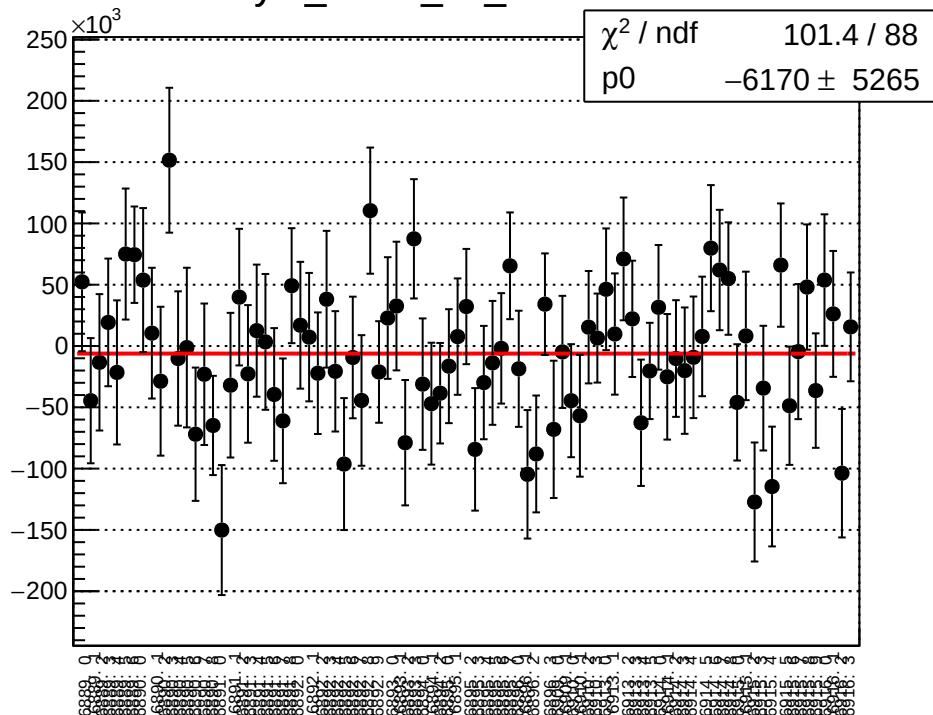


$\times 10^3$ 

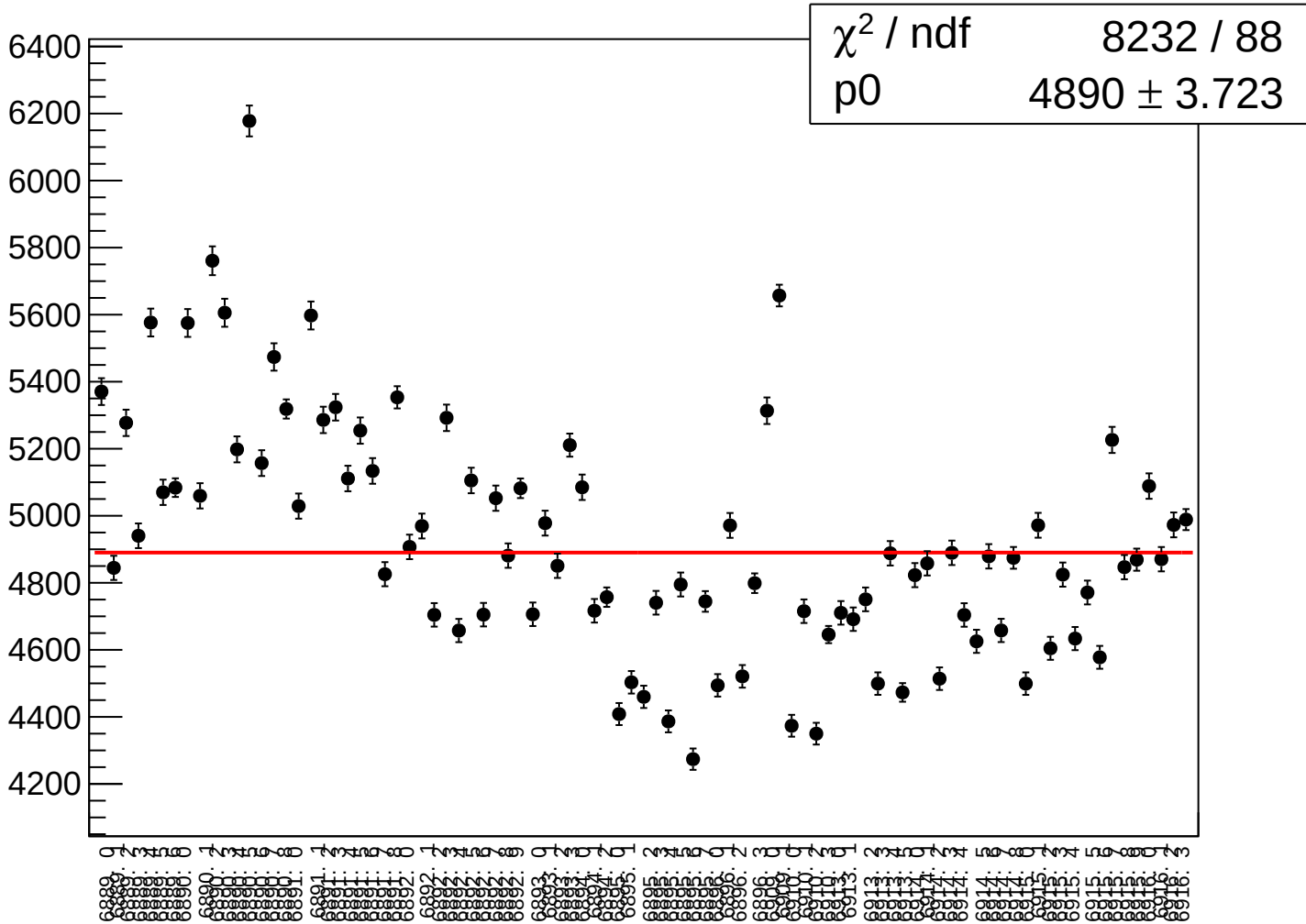
asym_atl1r2_dd_eigen_dit_correction_rms vs run



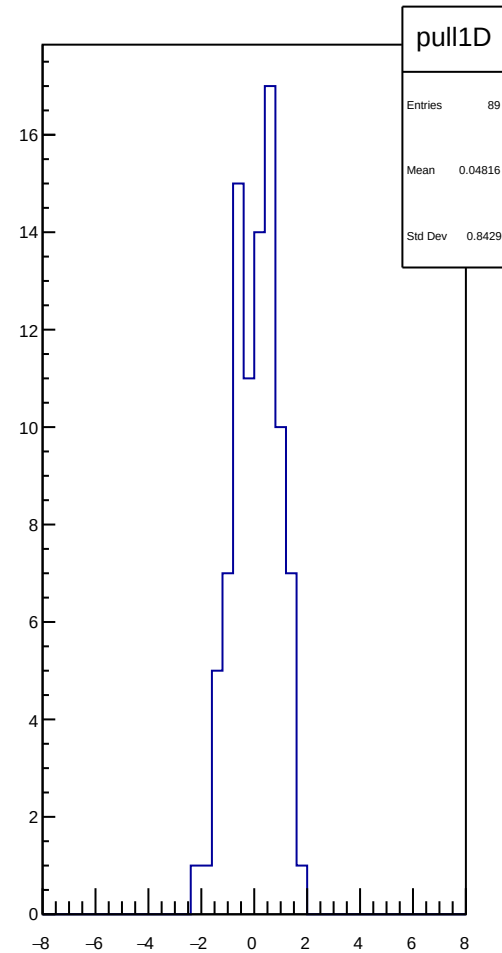
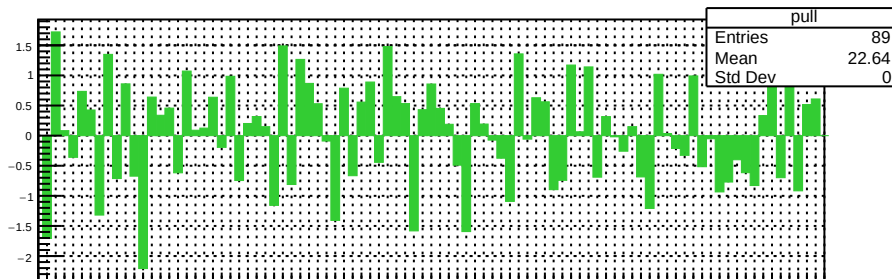
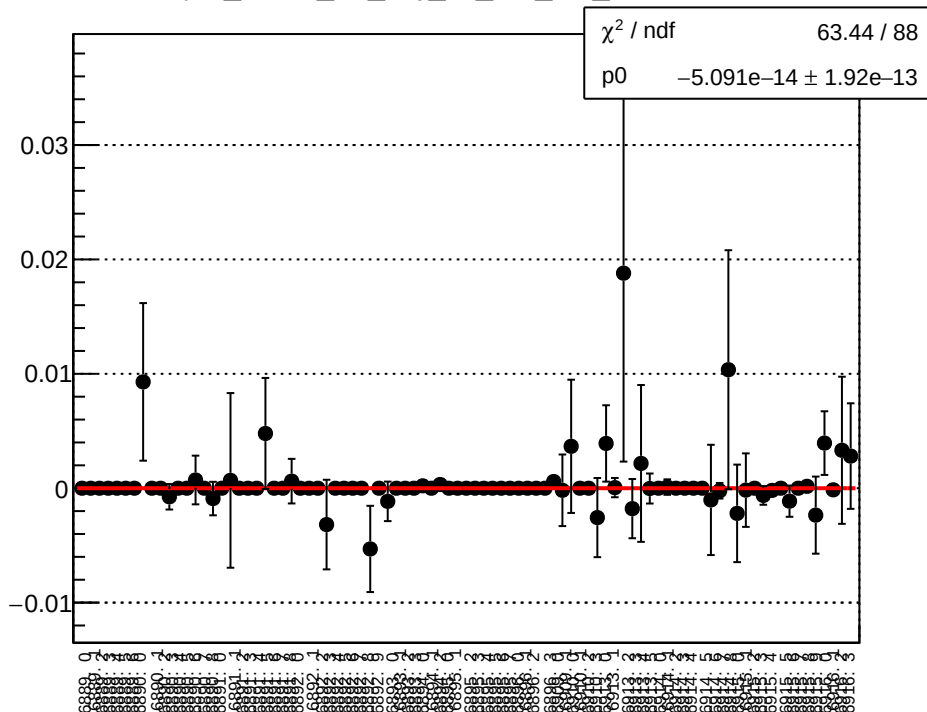
asym_atl1r2_dd_mean vs run



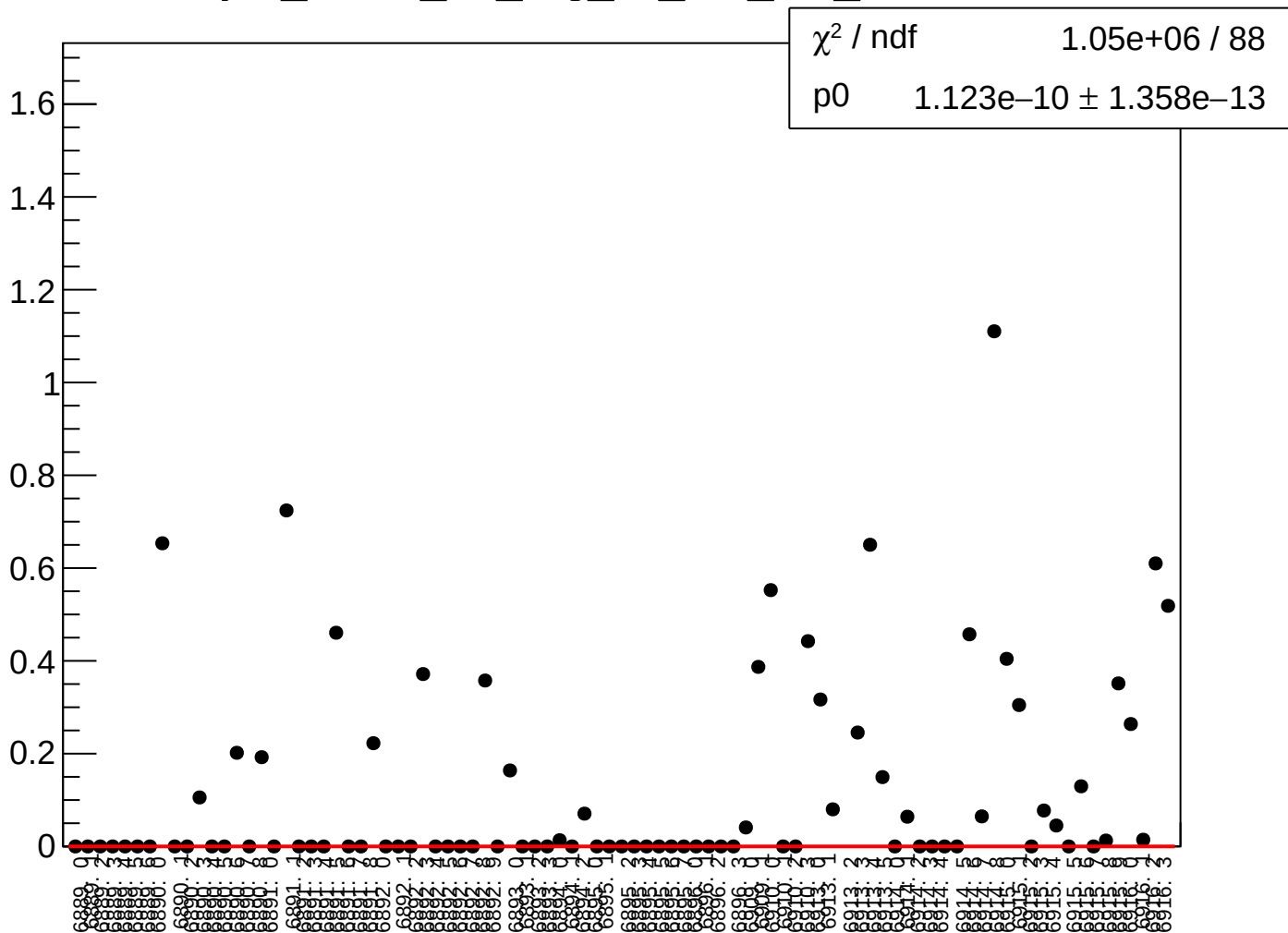
asym_atl1r2_dd_rms vs run



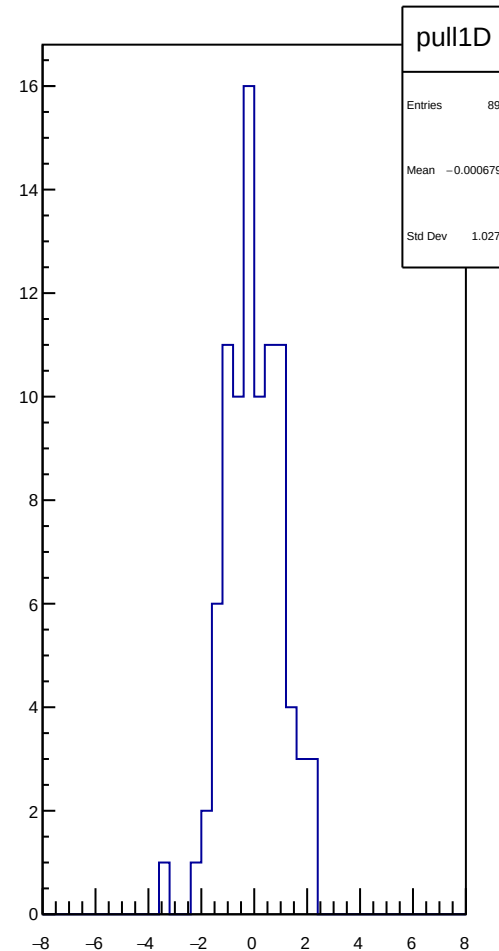
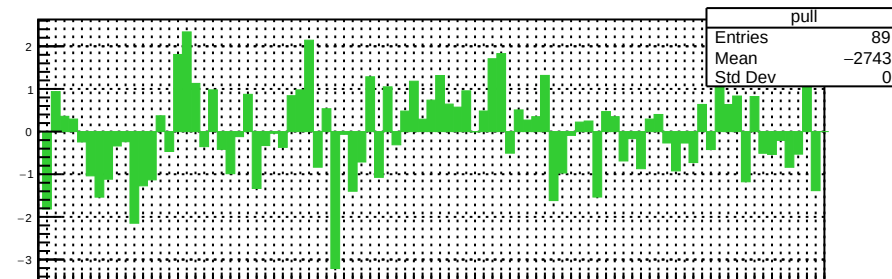
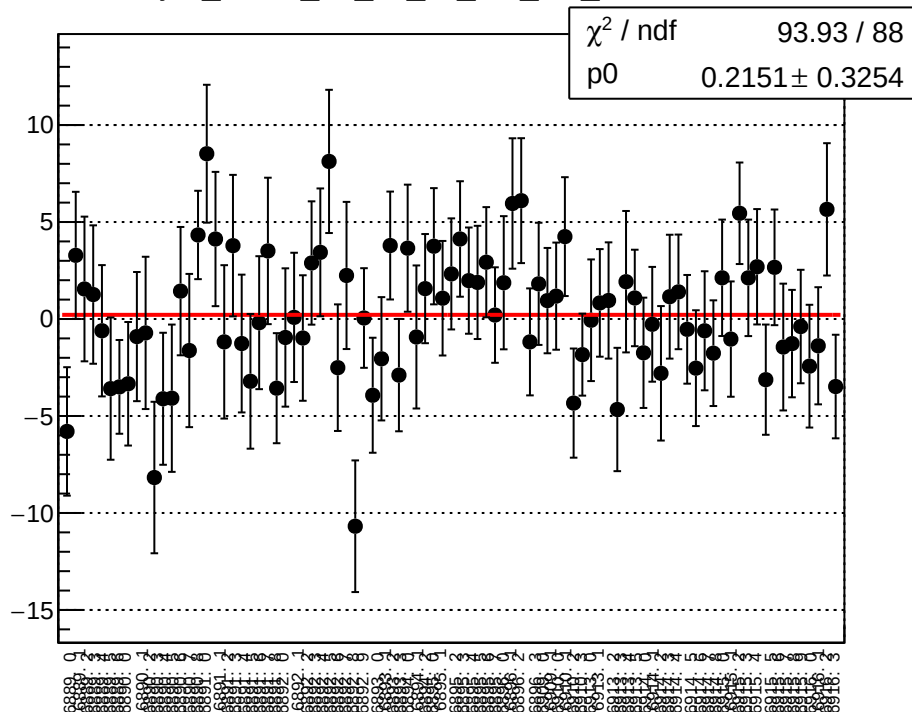
asym_atl1r2_dd_reg_vs_cor_diff_mean vs run



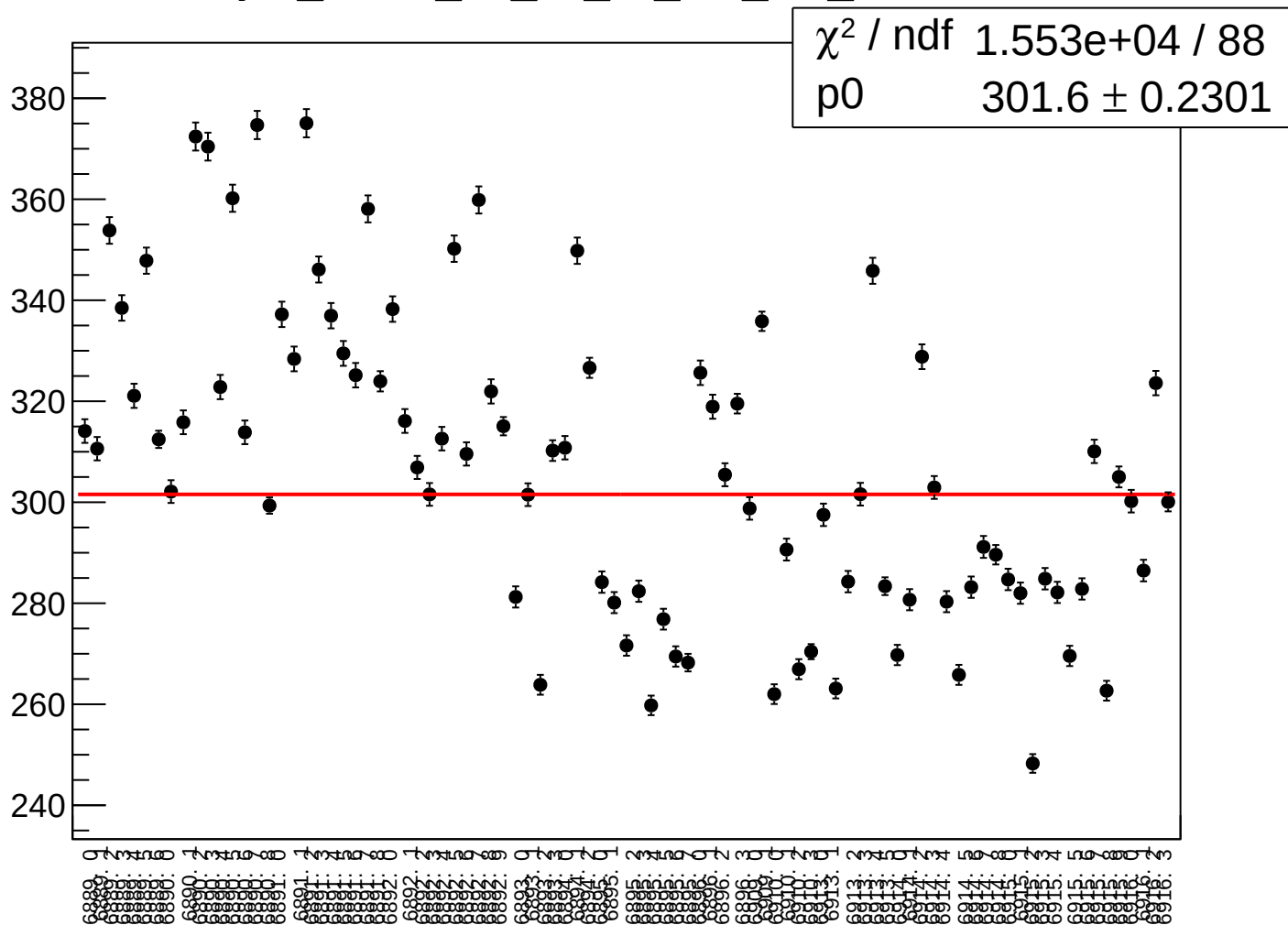
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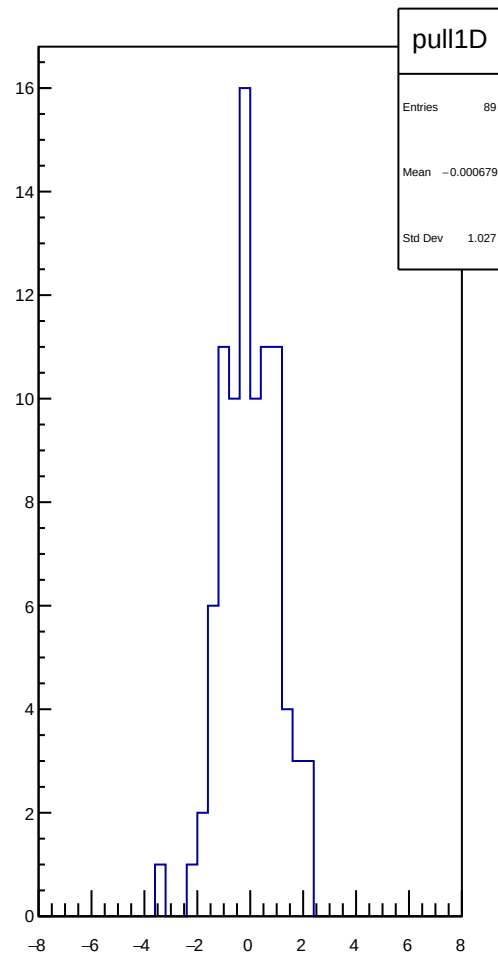
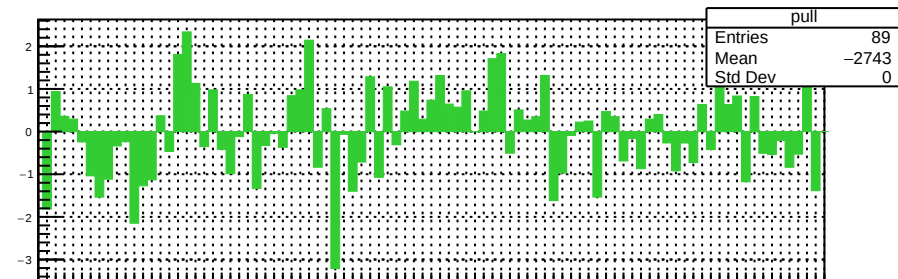
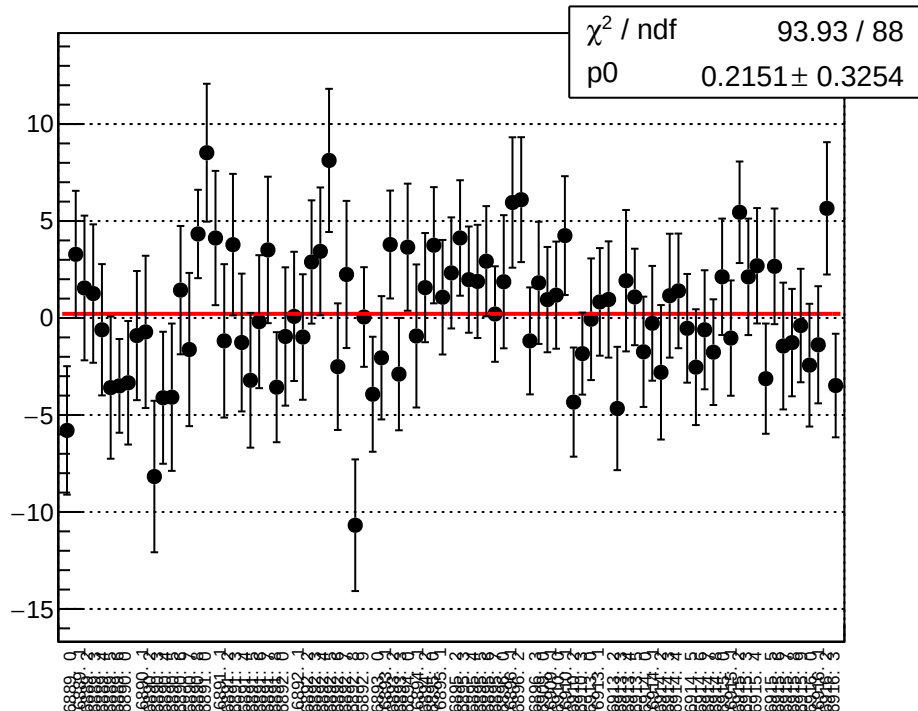
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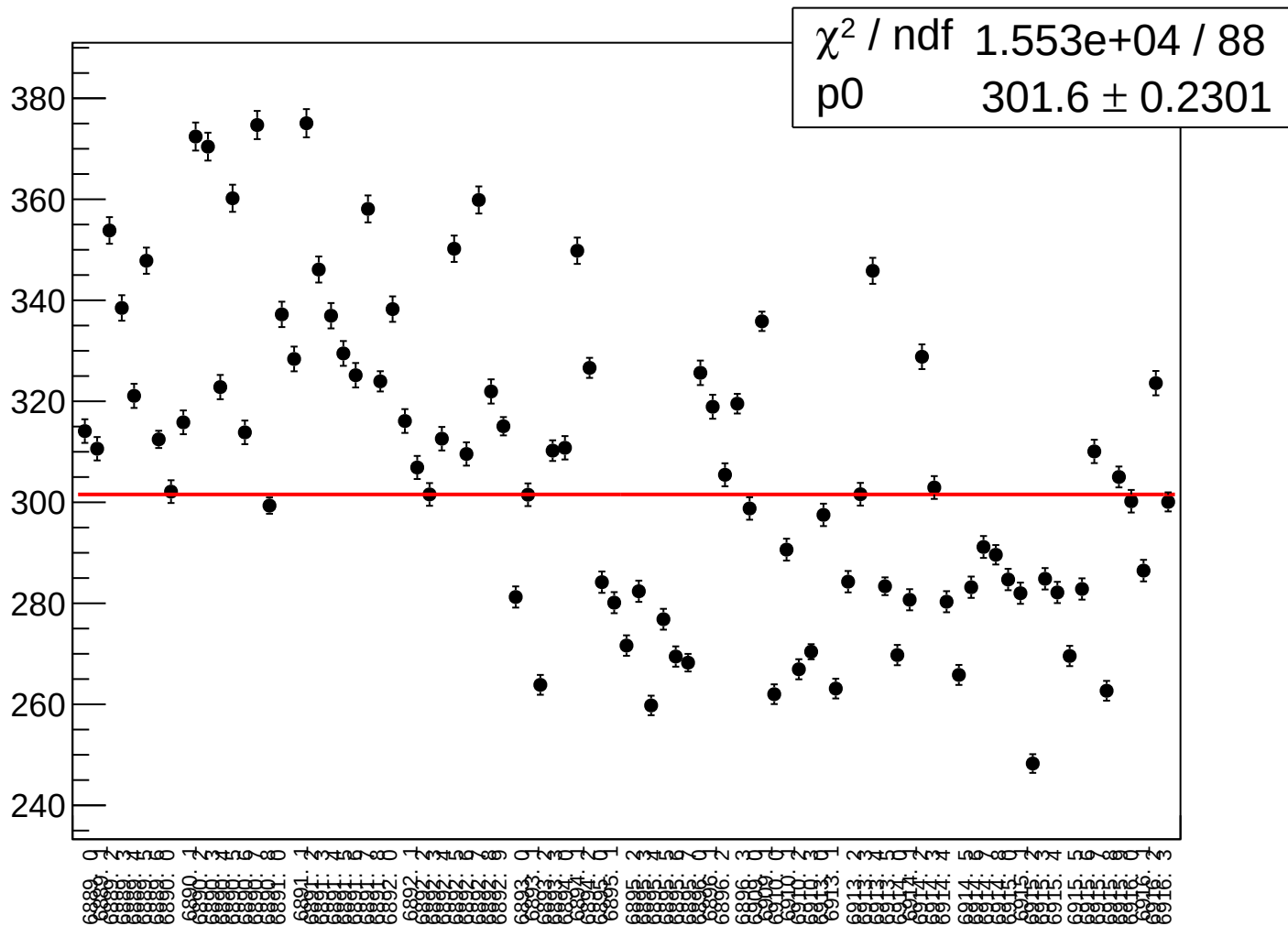
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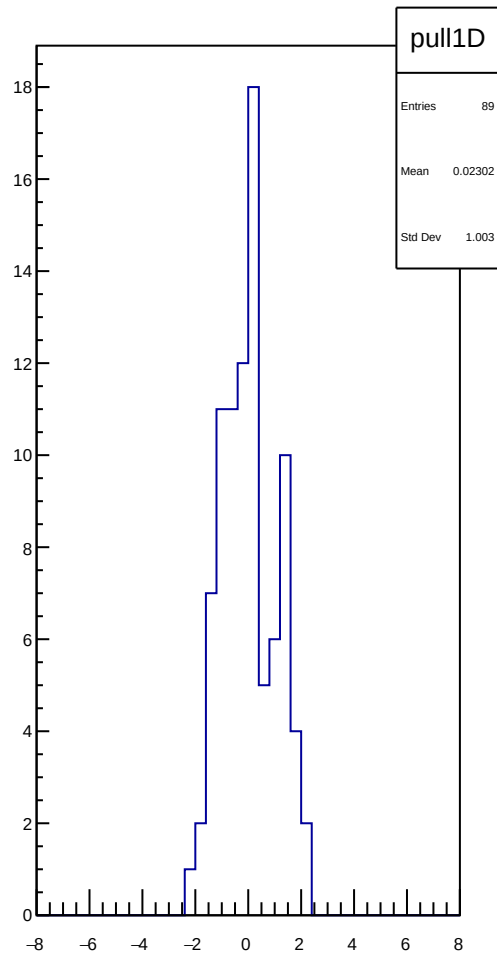
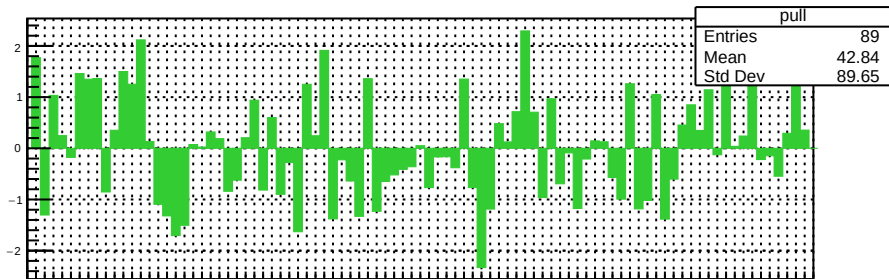
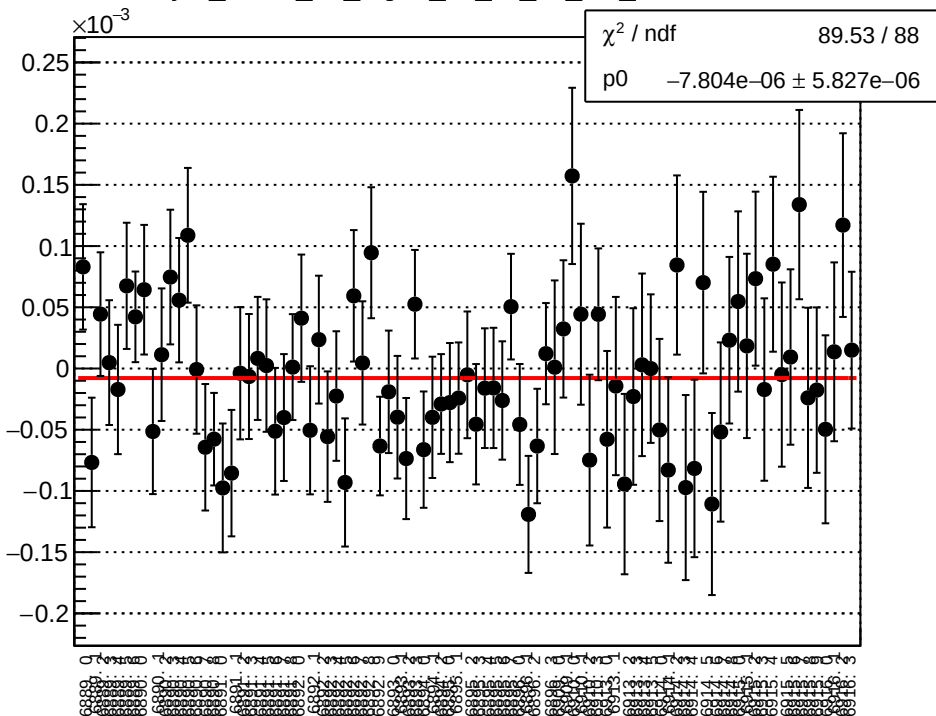
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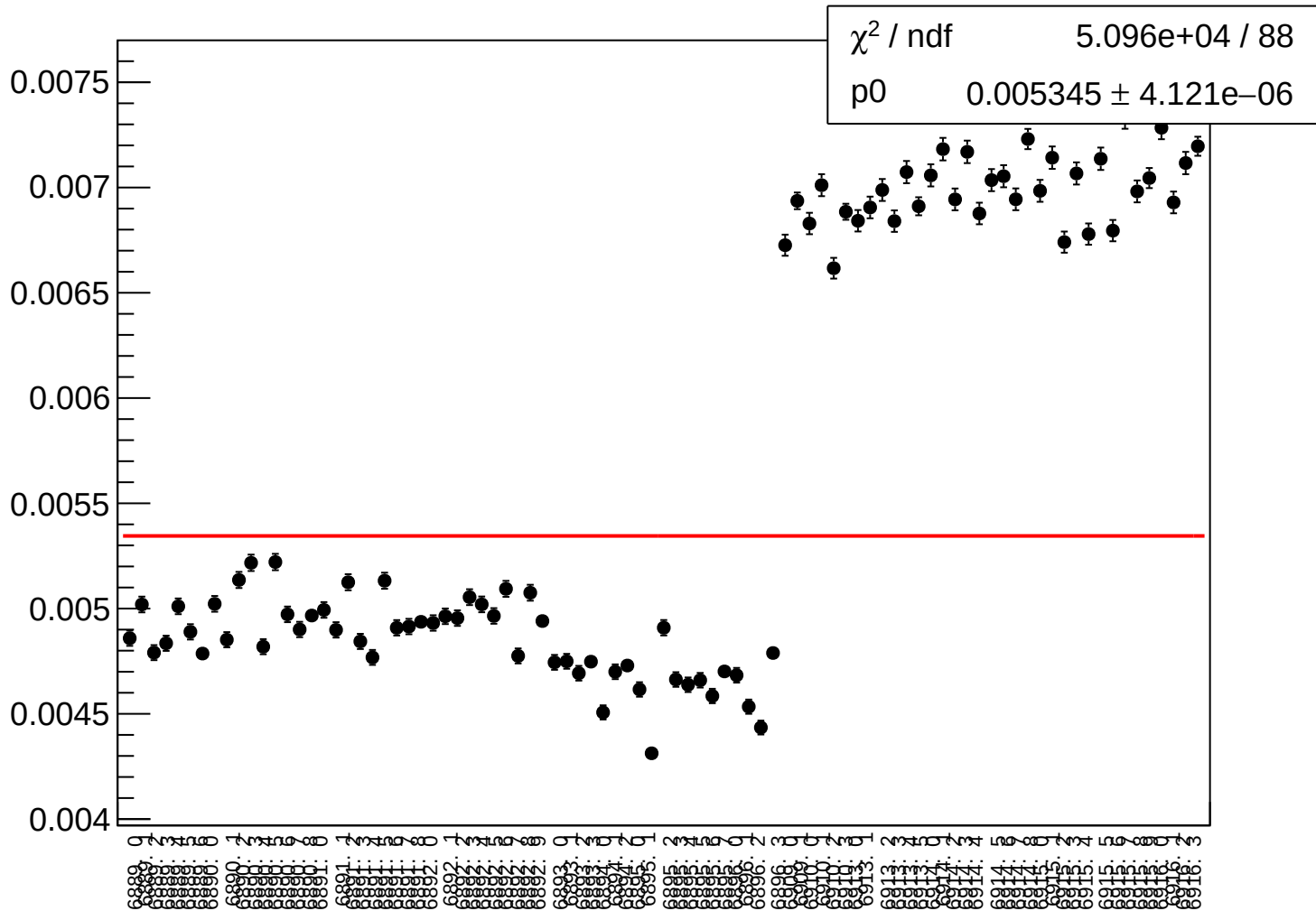
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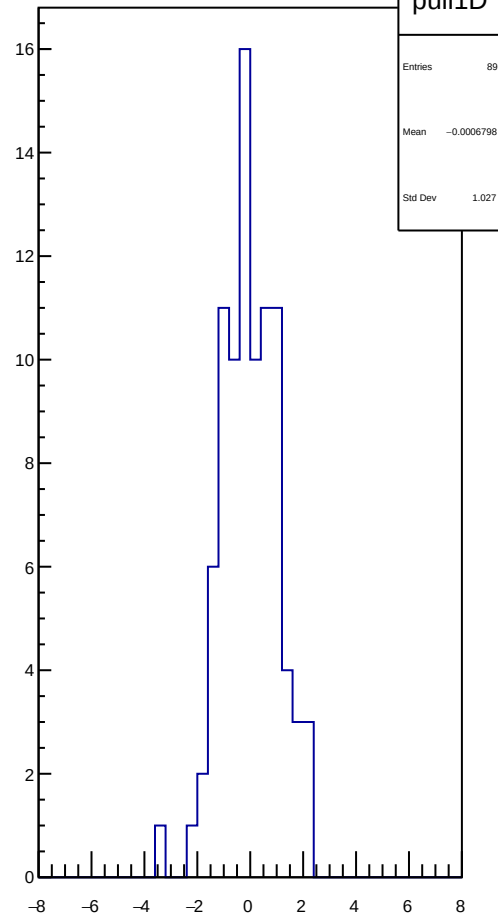
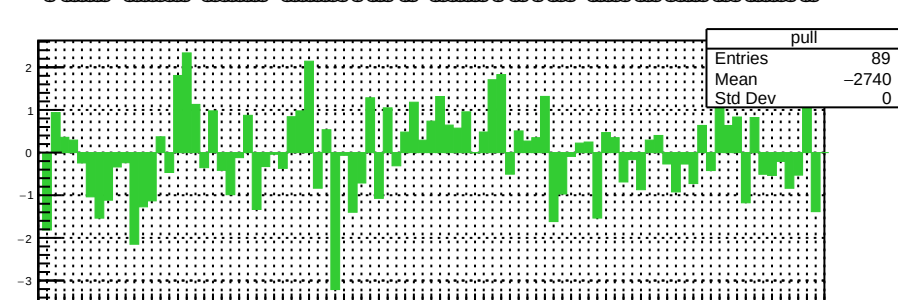
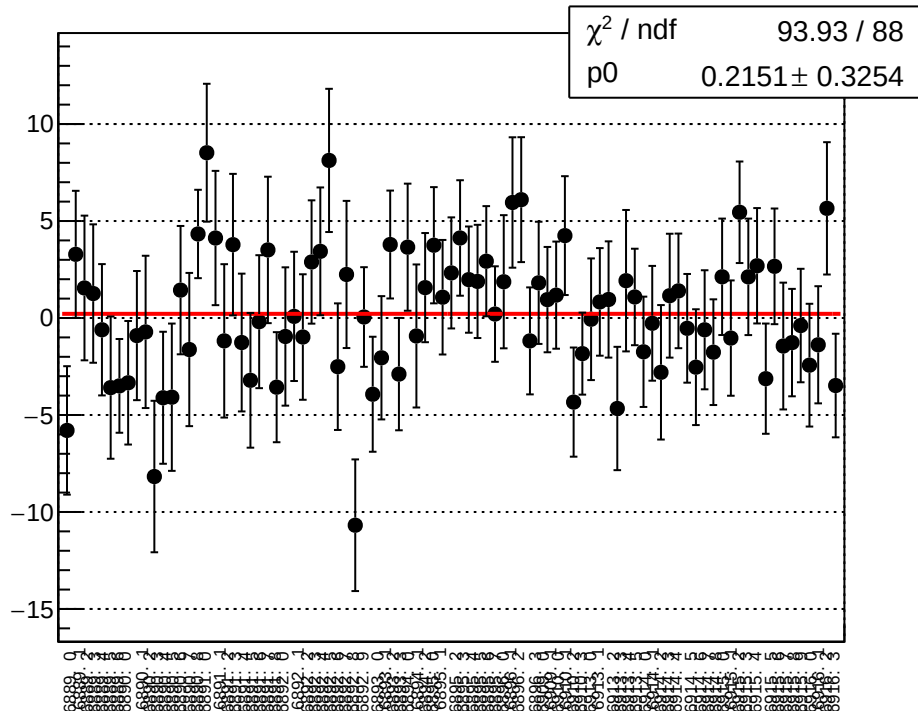
asym atl1r2 dd eigen dit vs dit diff mean vs run



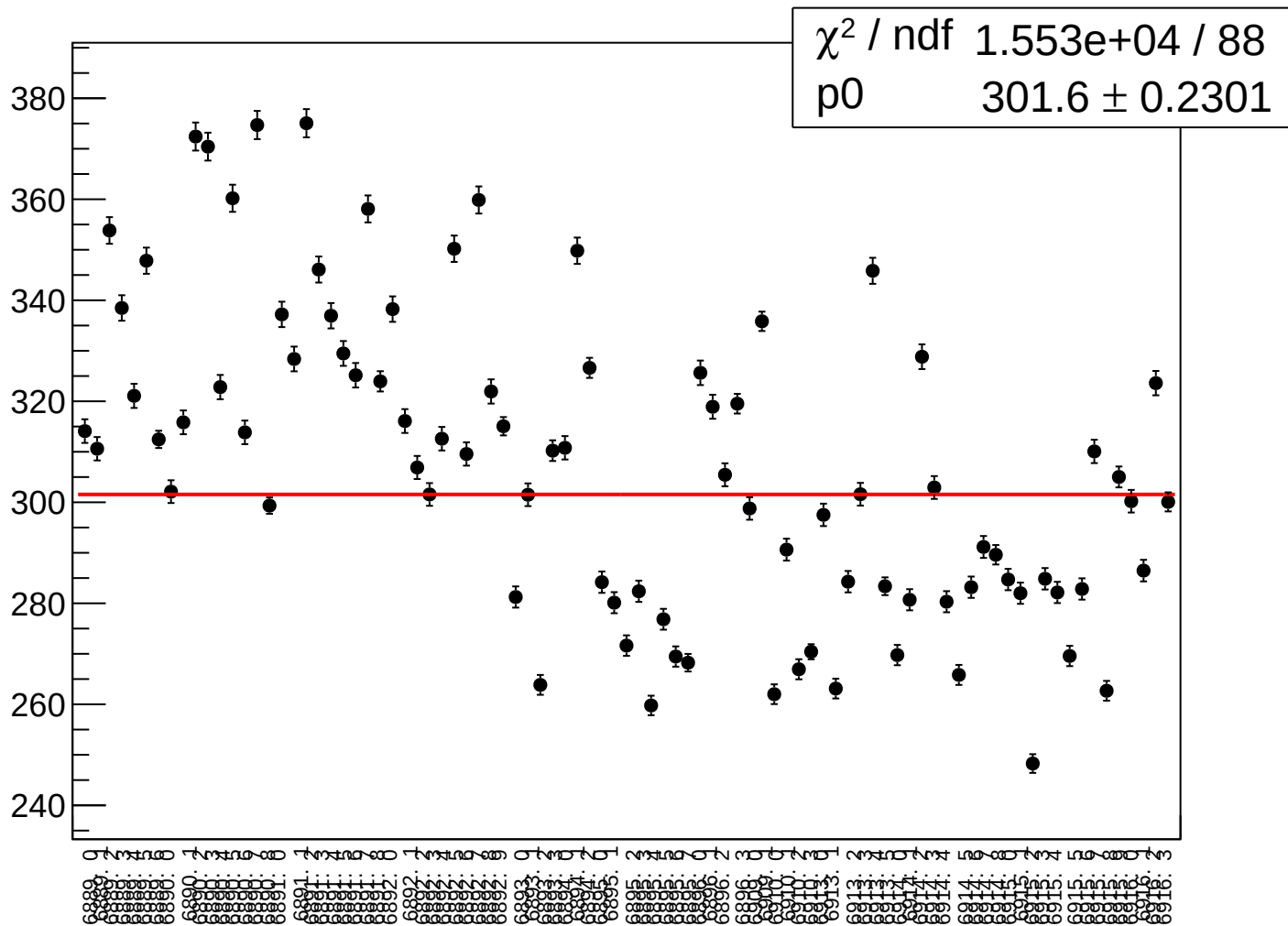
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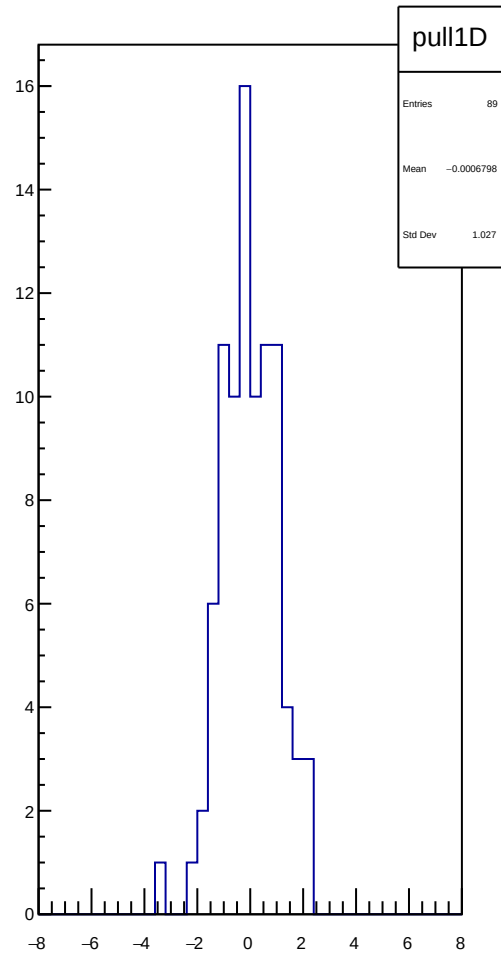
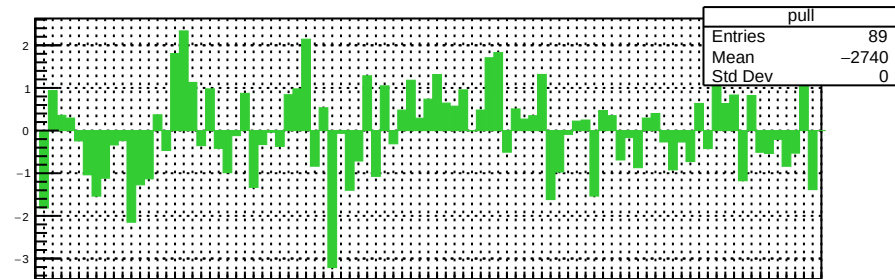
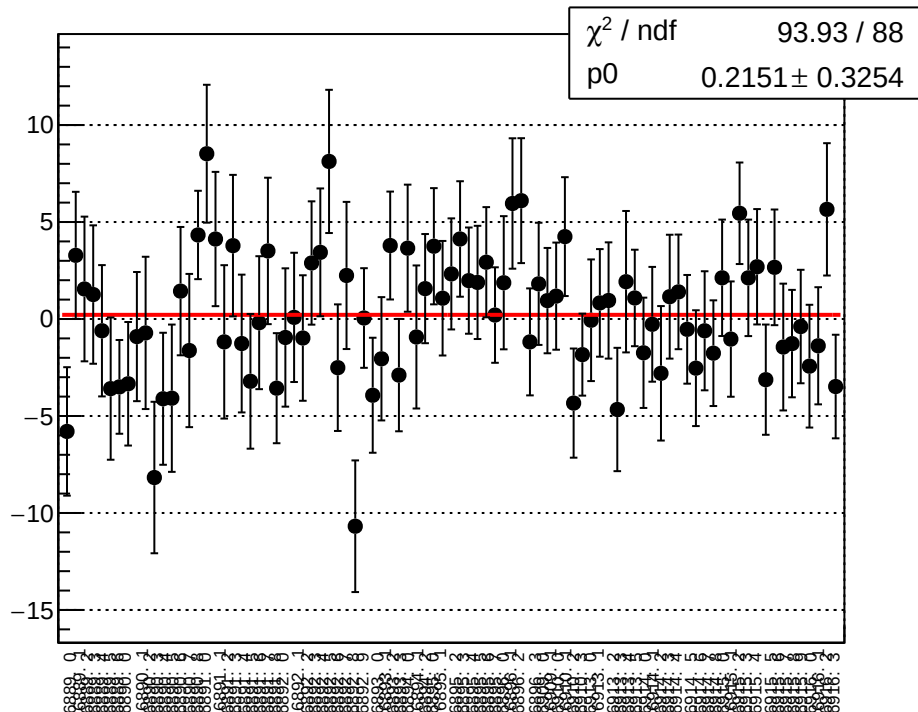
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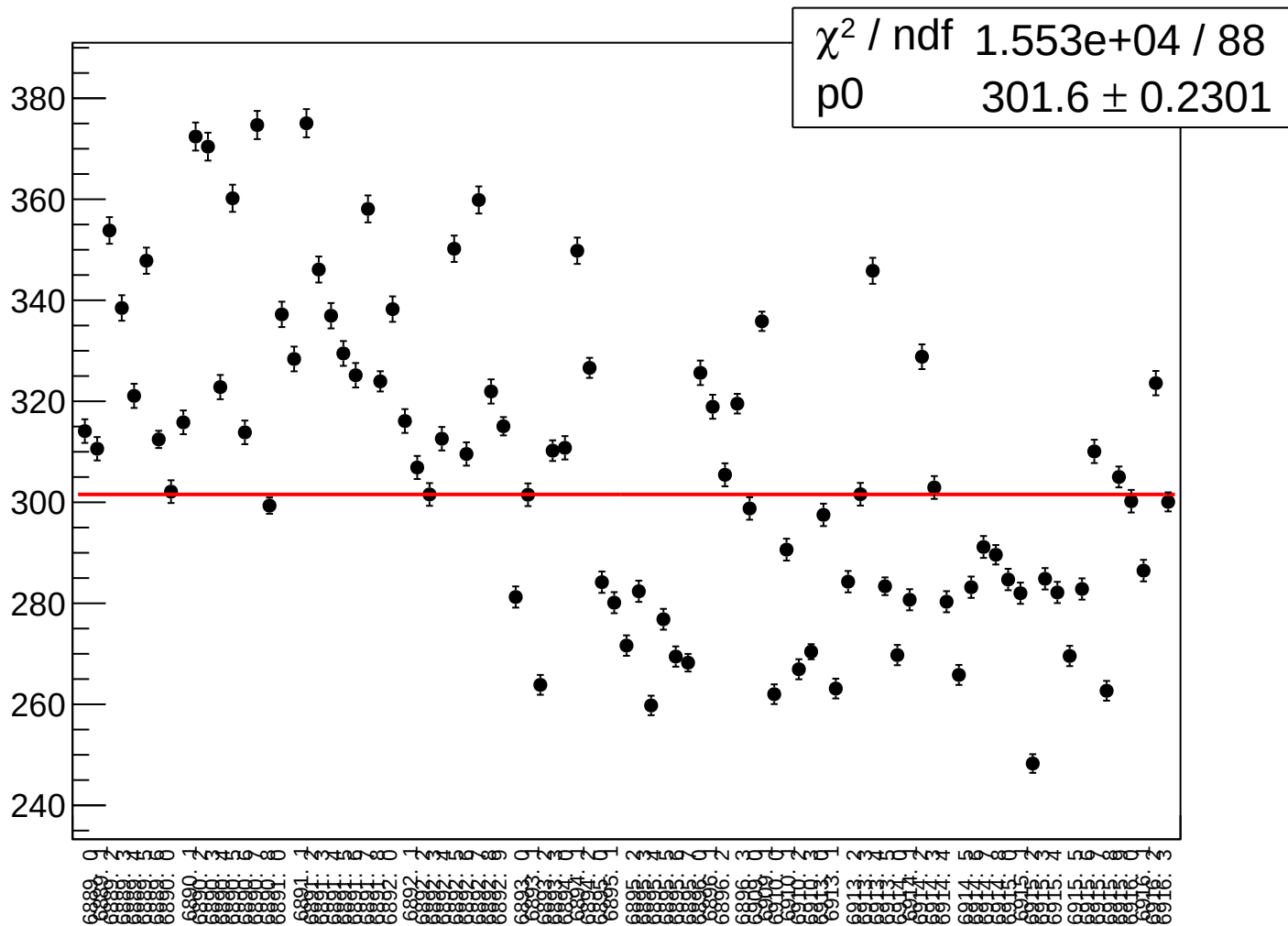
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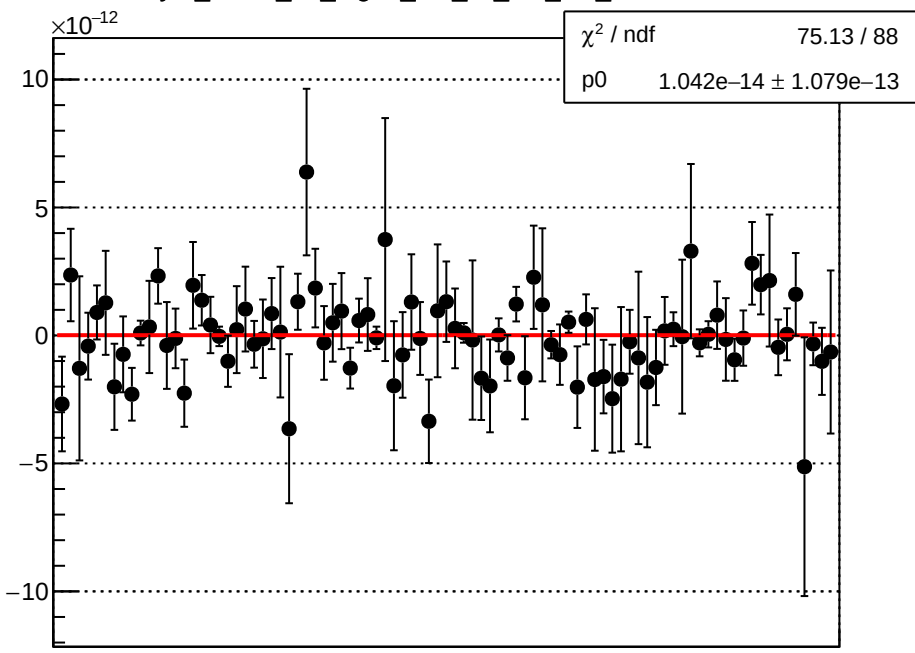
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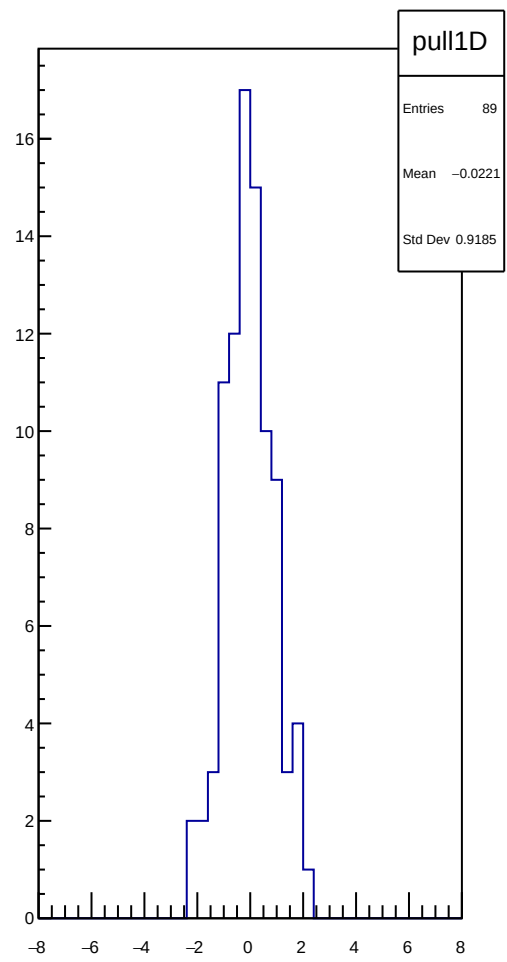
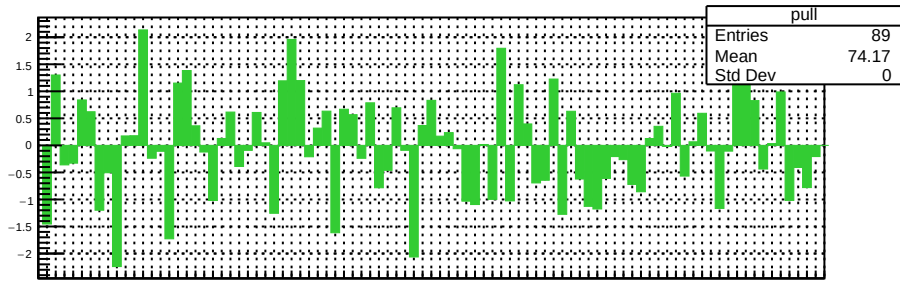
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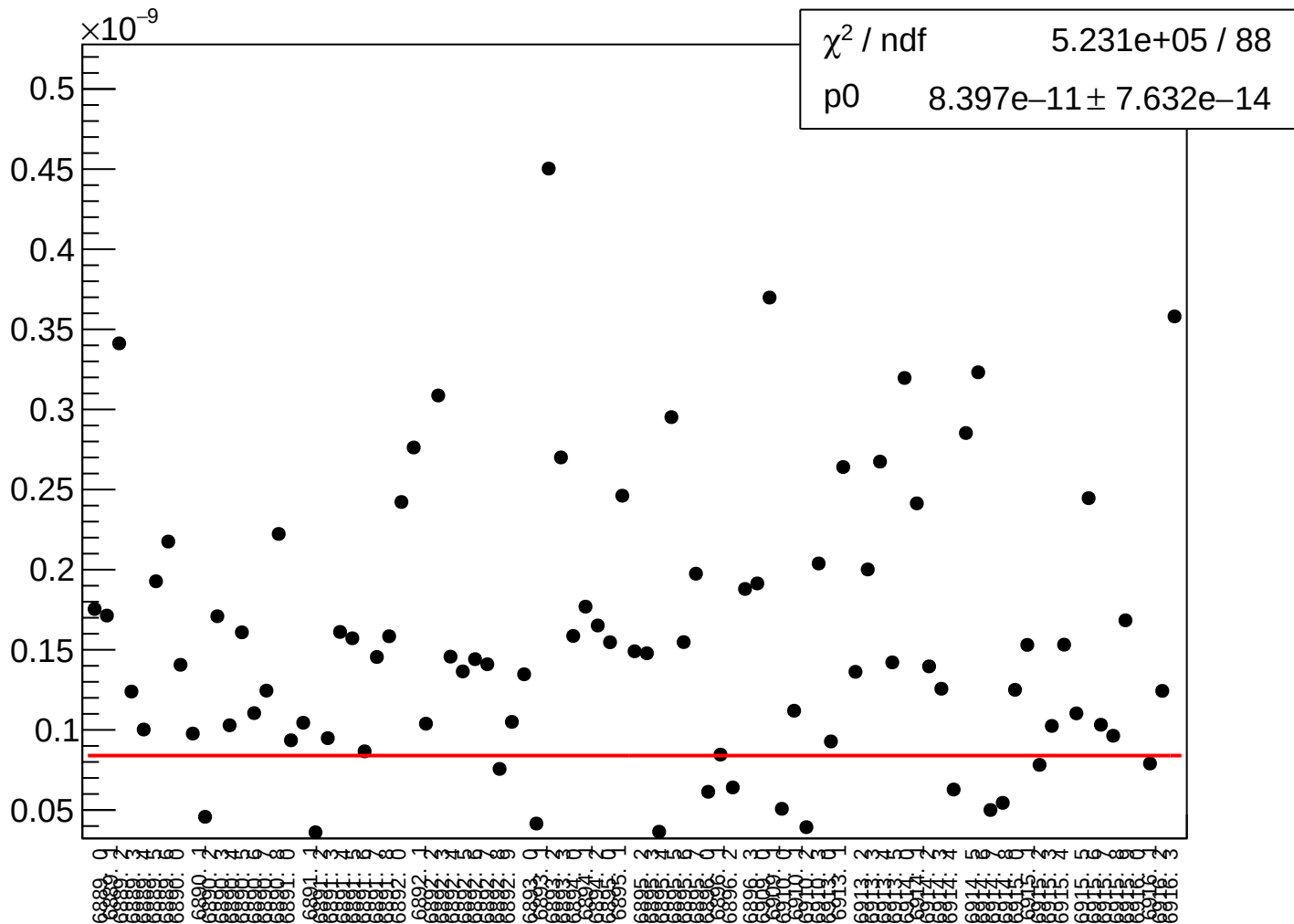
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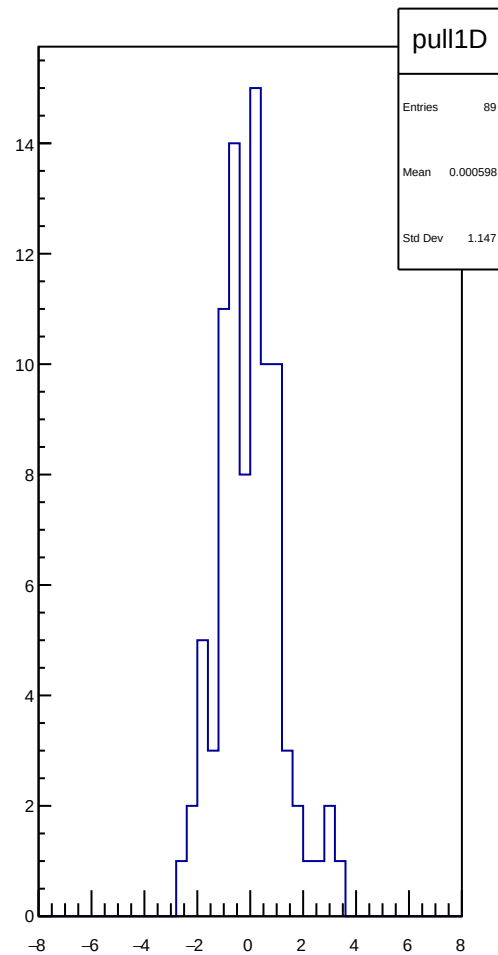
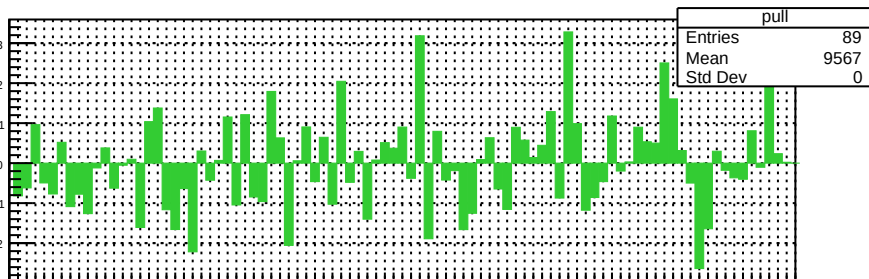
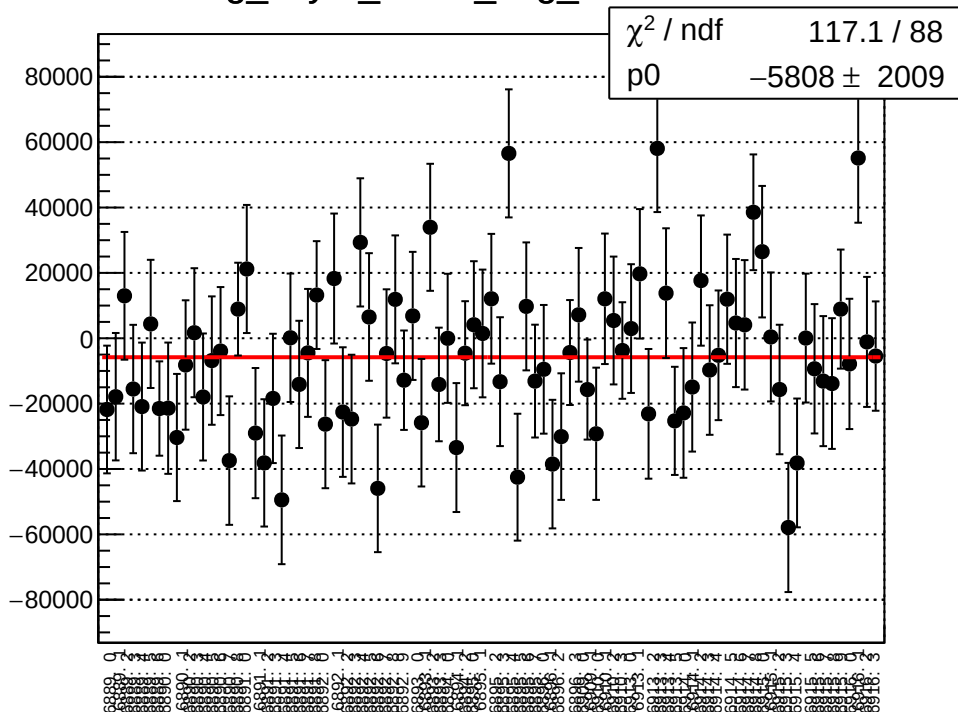
Correlation coefficients for the eigenvalues of the correlation matrix. The plot shows the difference between the correlation coefficients for the two different methods, as a function of the run number. The y-axis is scaled by 10^-12. The x-axis represents the run number, ranging from 0 to 100. The data points are black circles with error bars. A red line indicates the fit to the data.



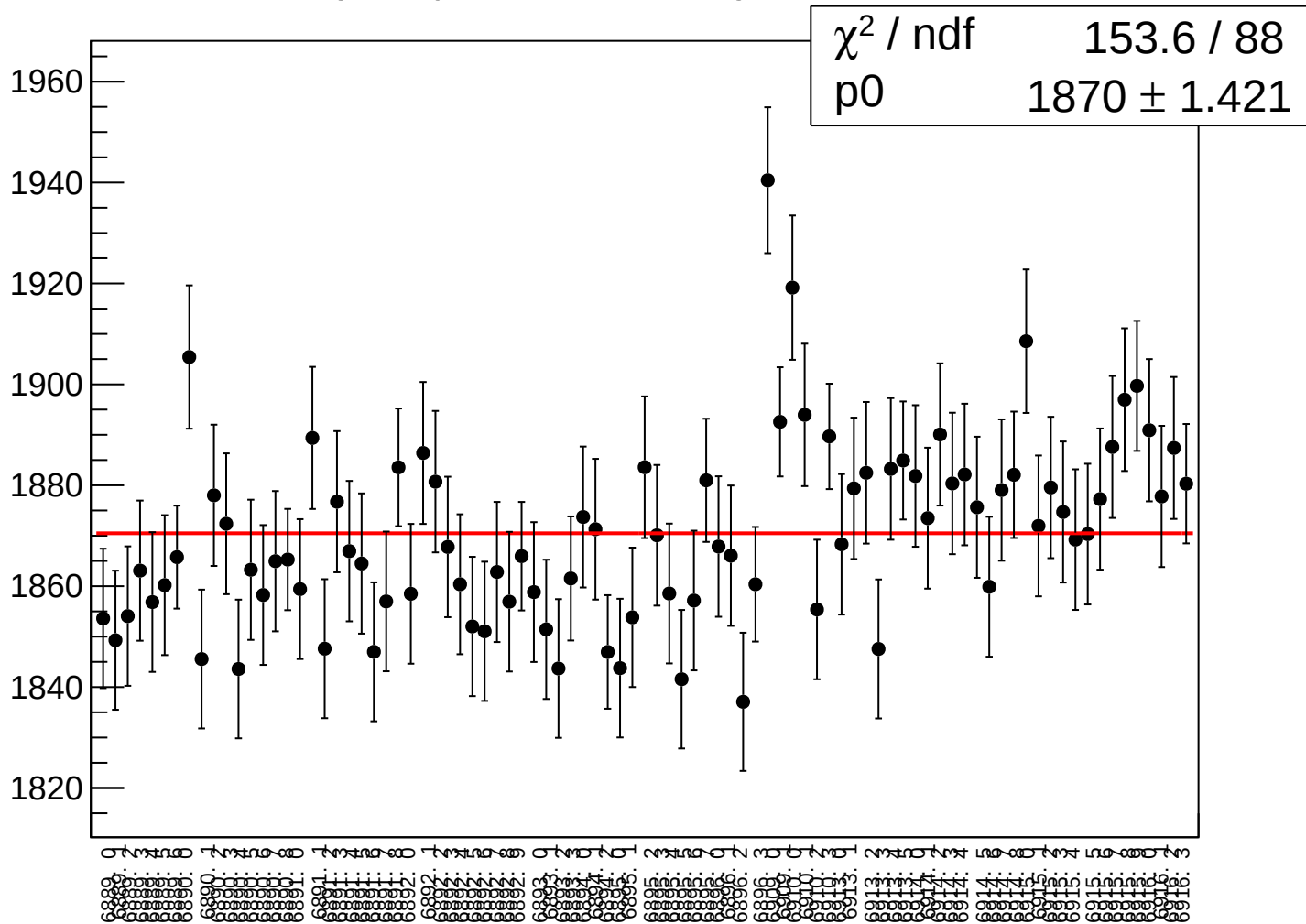
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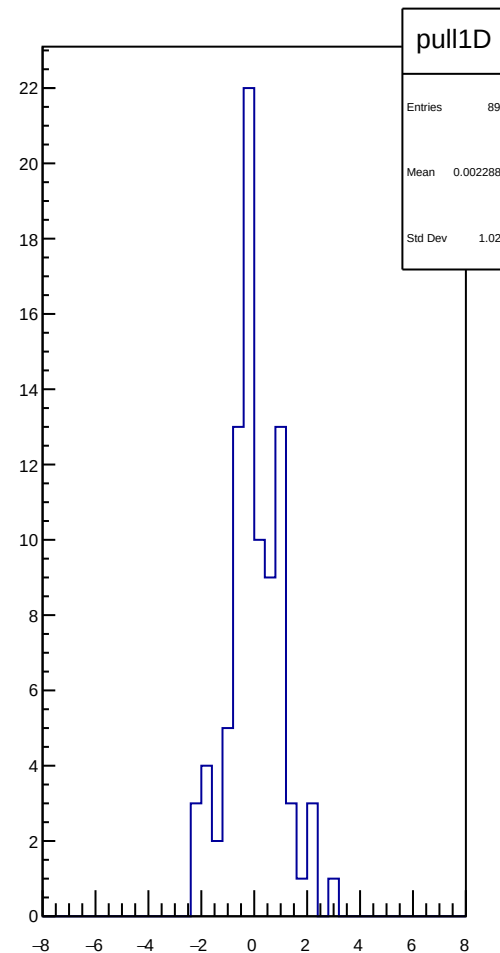
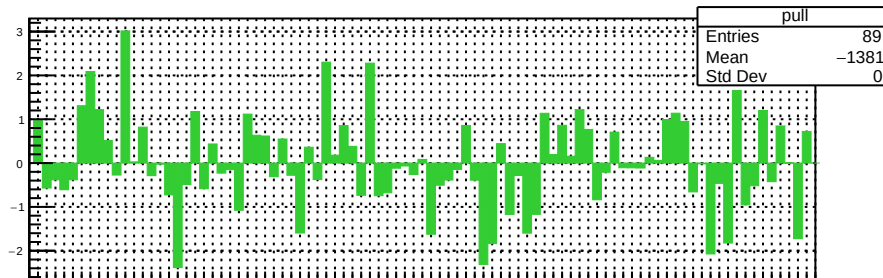
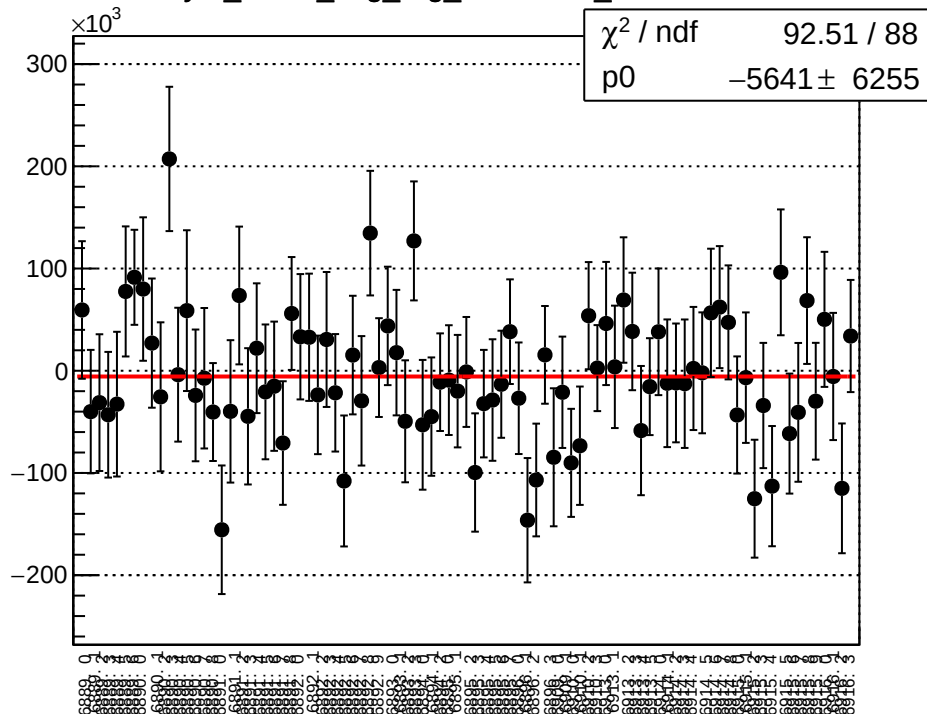
reg_asym_atr1l2_avg_mean vs run



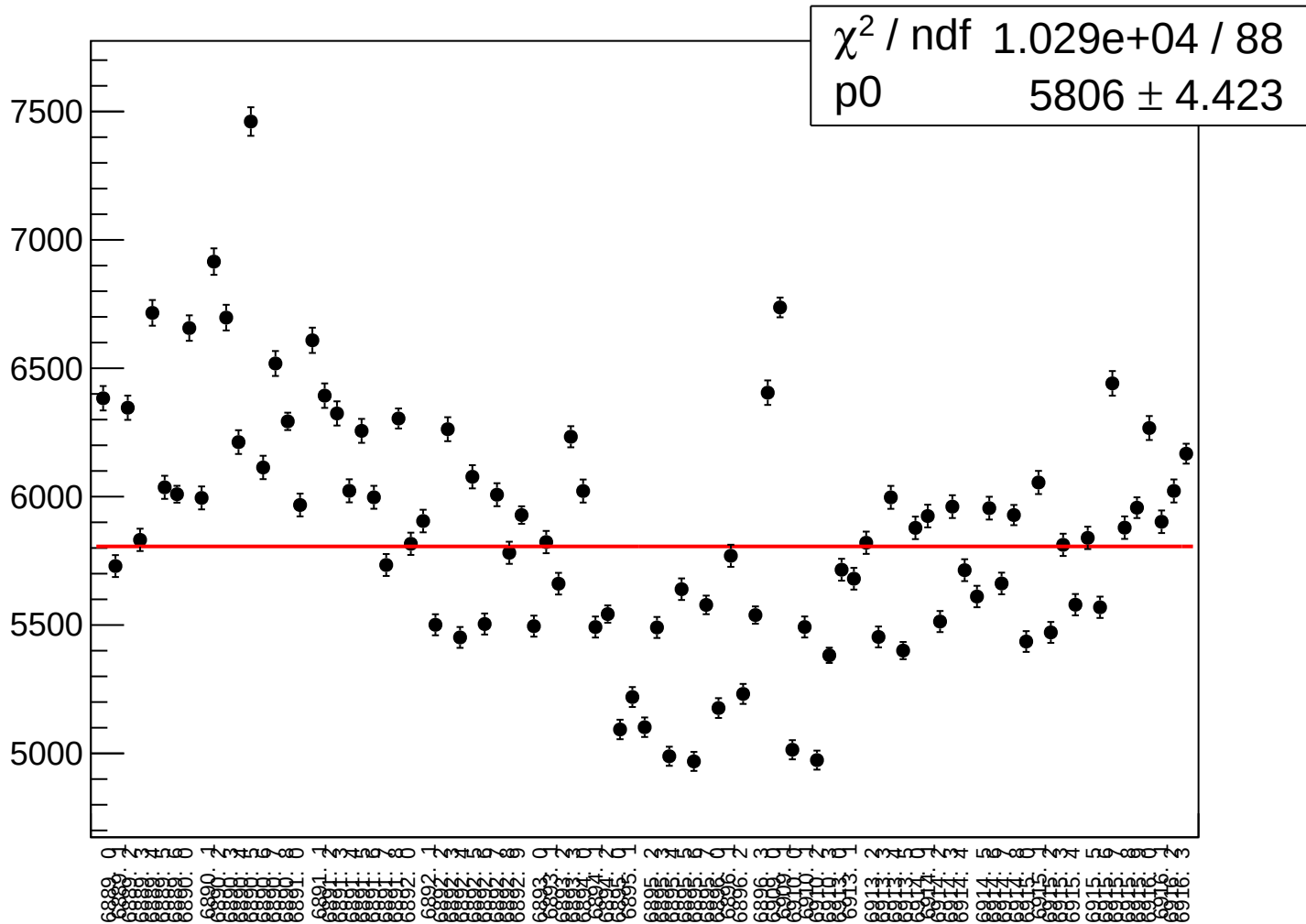
reg_asym_atr1l2_avg_rms vs run



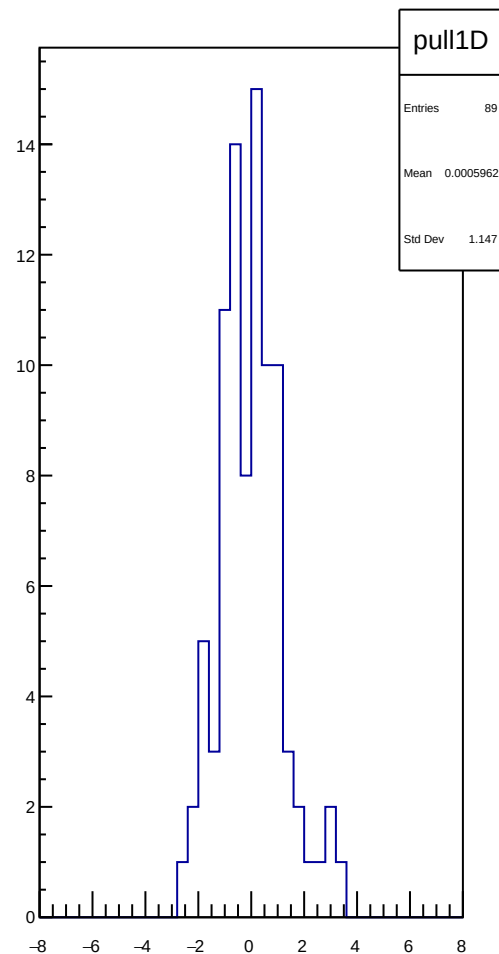
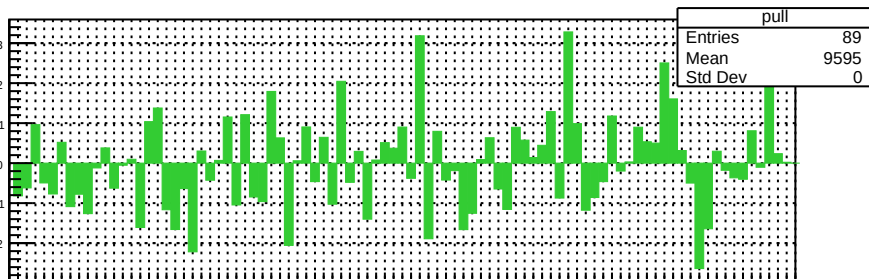
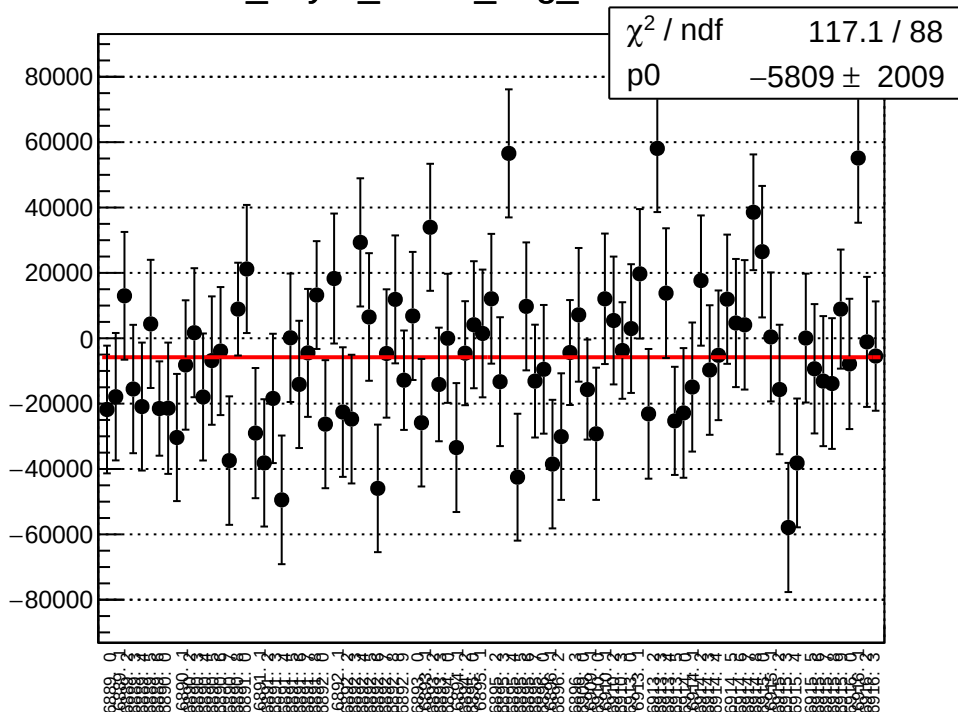
asym_atr1l2_avg_reg_correction_mean vs run



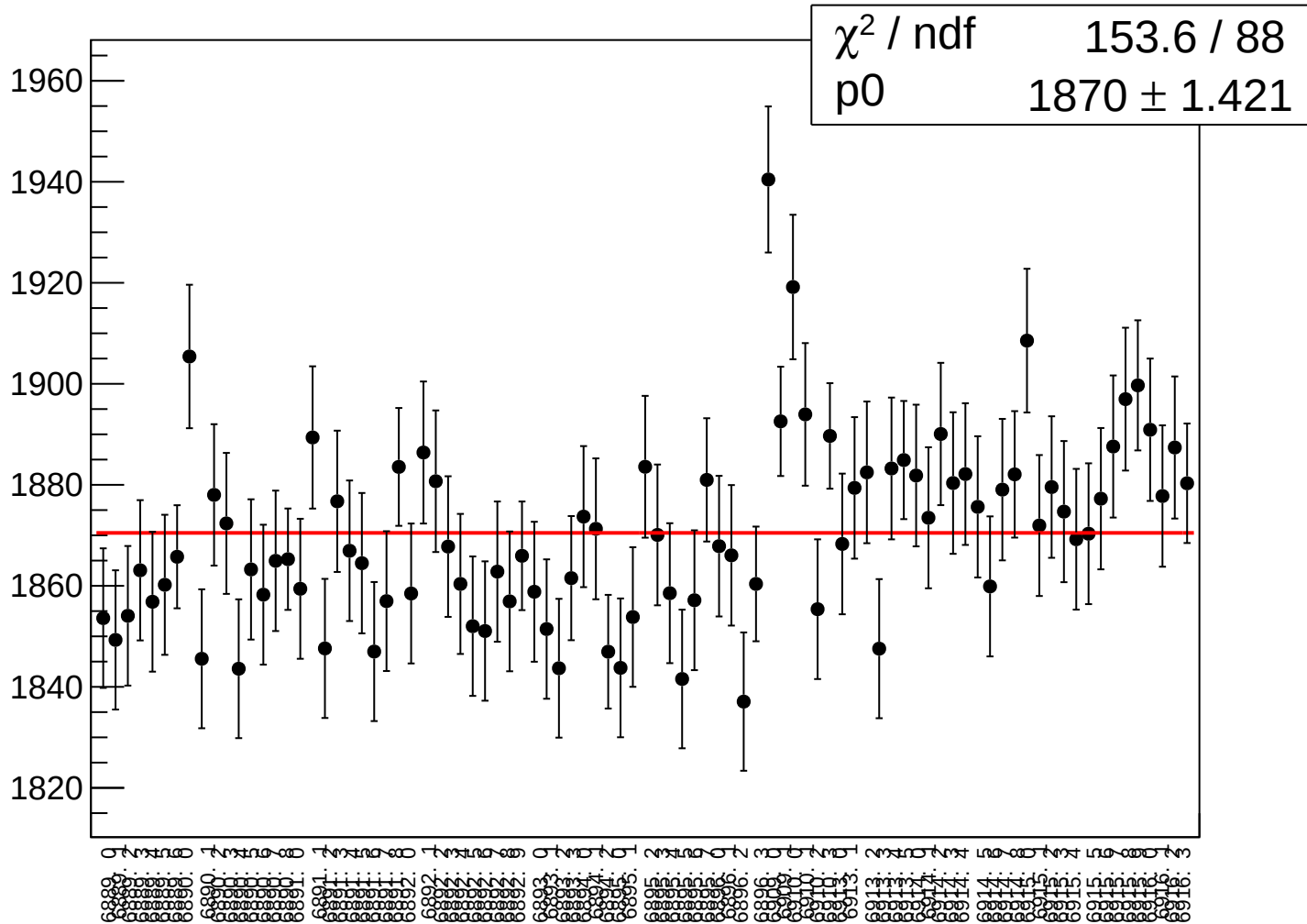
asym_atr1l2_avg_reg_correction_rms vs run



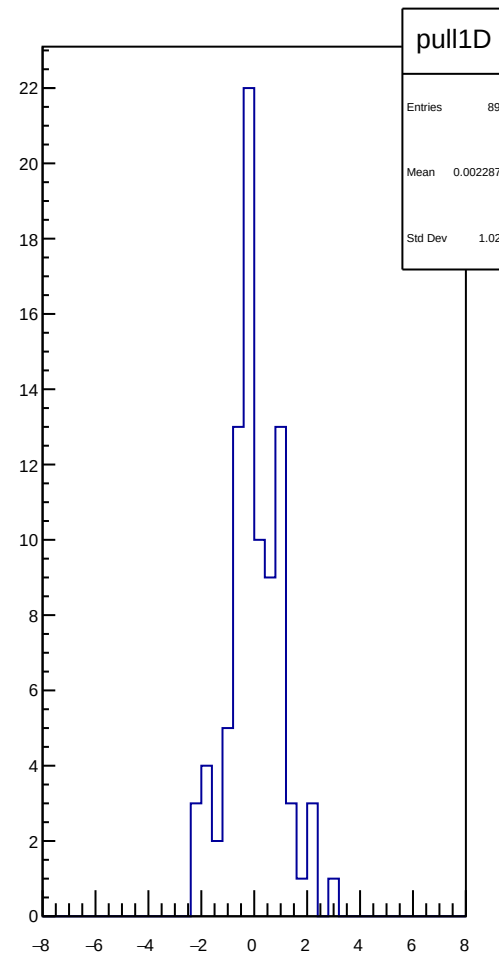
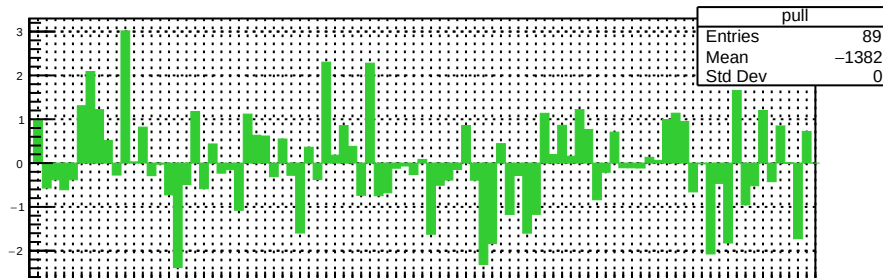
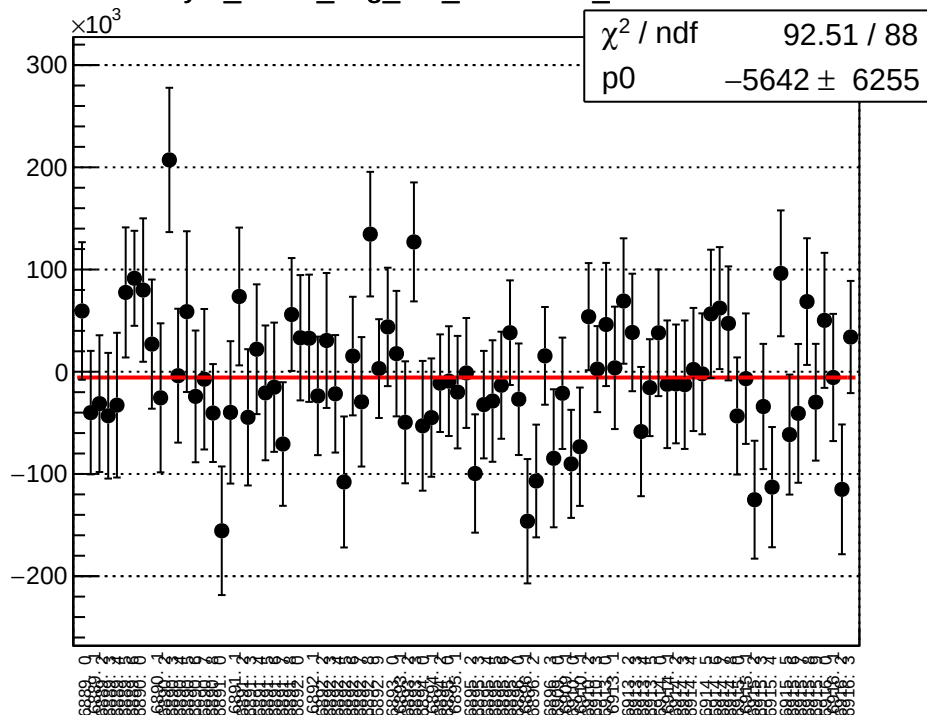
cor_asym_atr1l2_avg_mean vs run



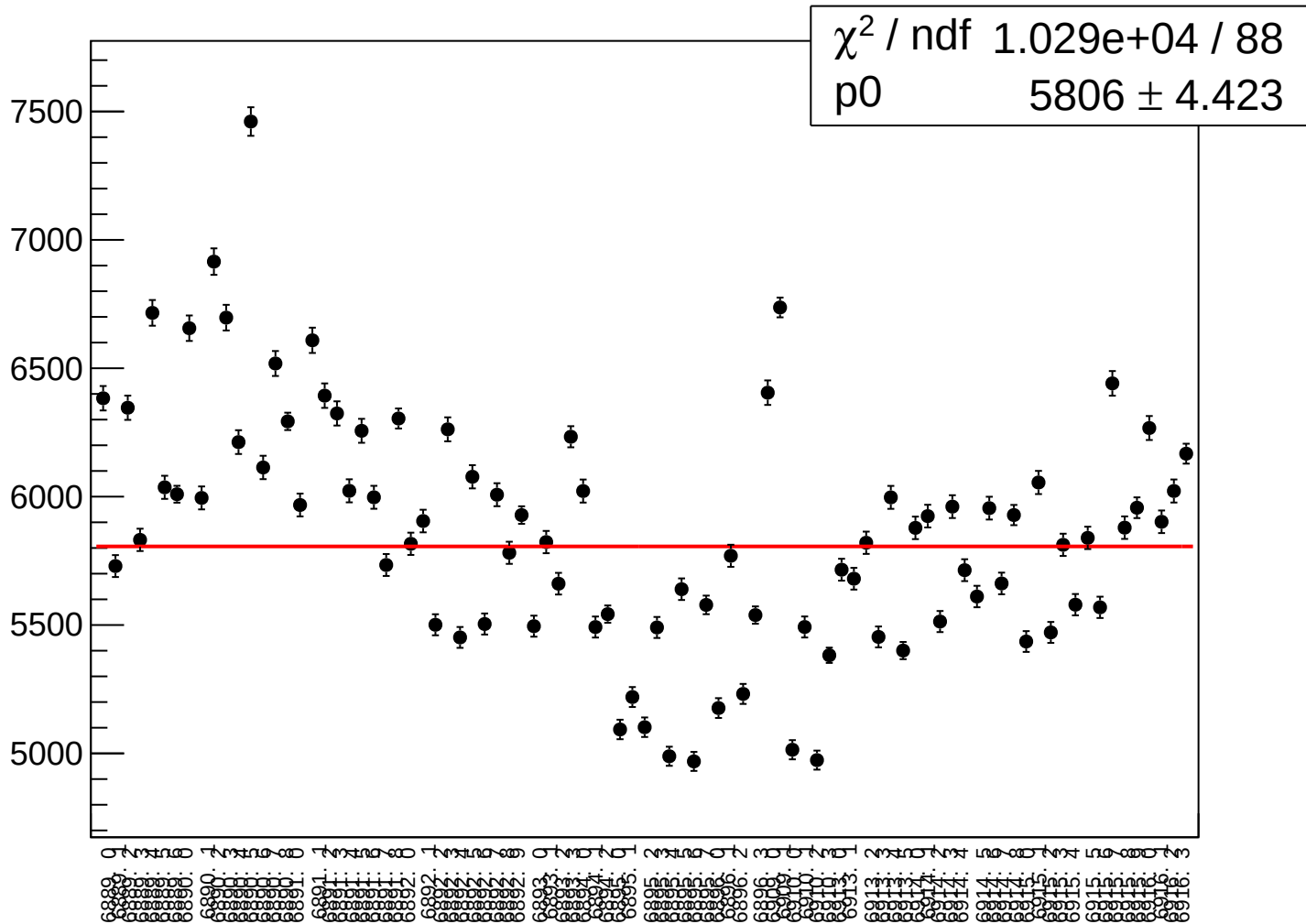
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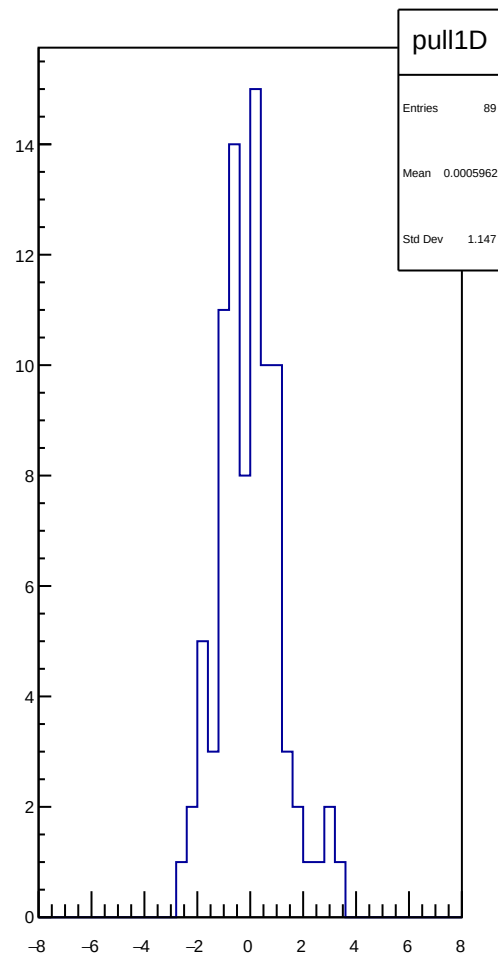
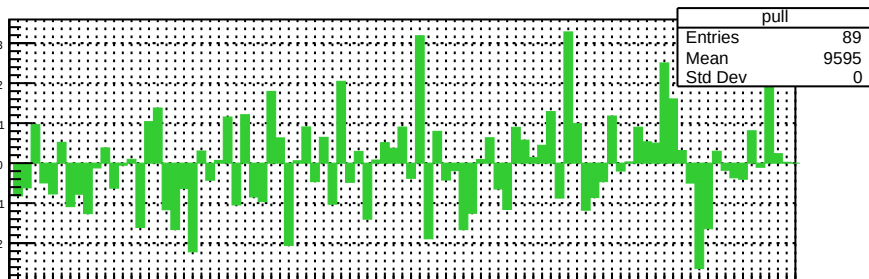
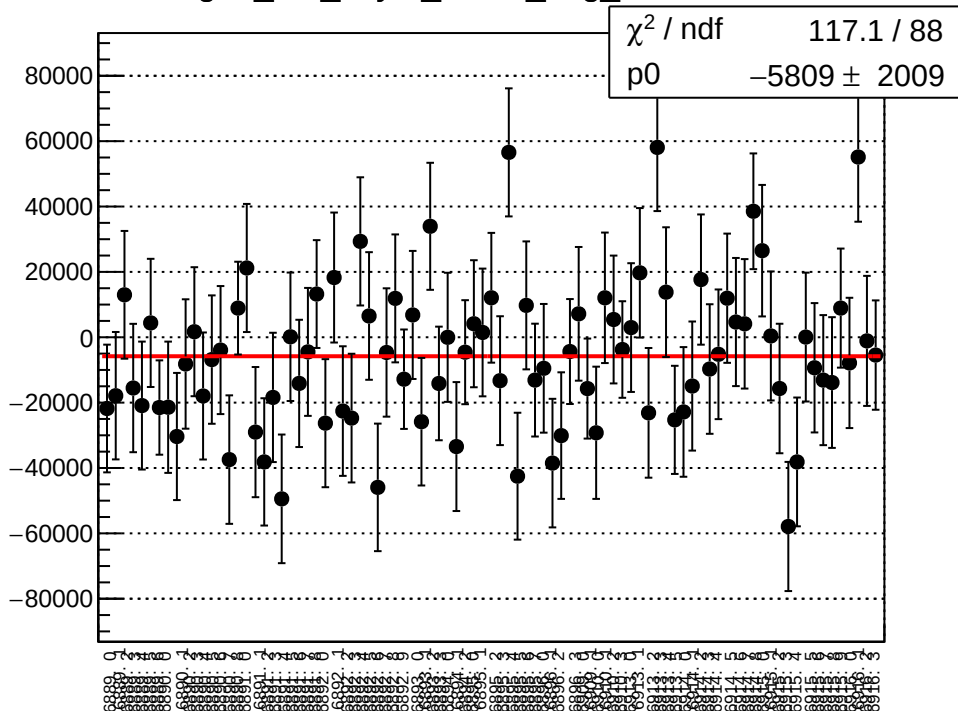
asym_atr1l2_avg_cor_correction_mean vs run



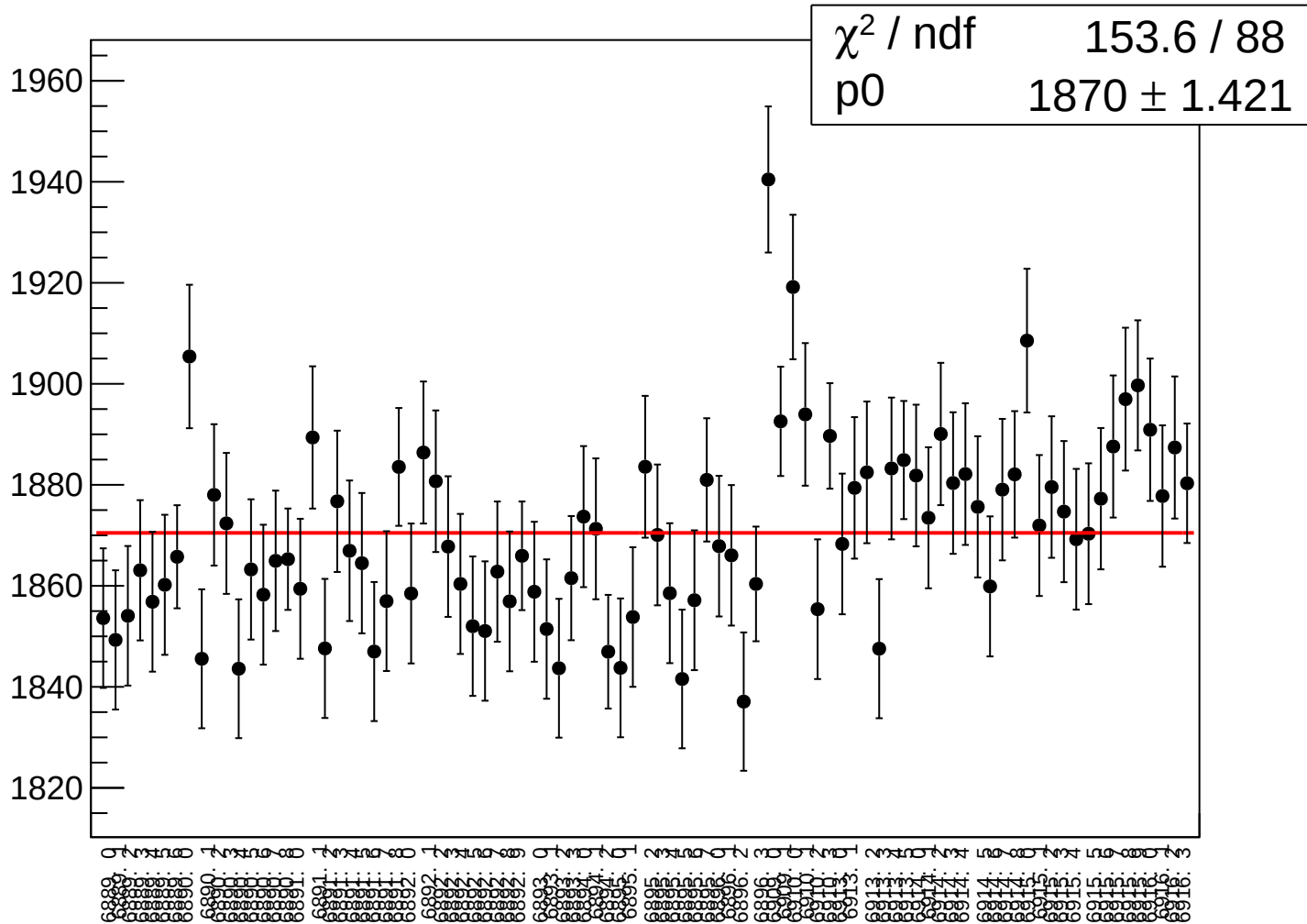
asym_atr1l2_avg_cor_correction_rms vs run



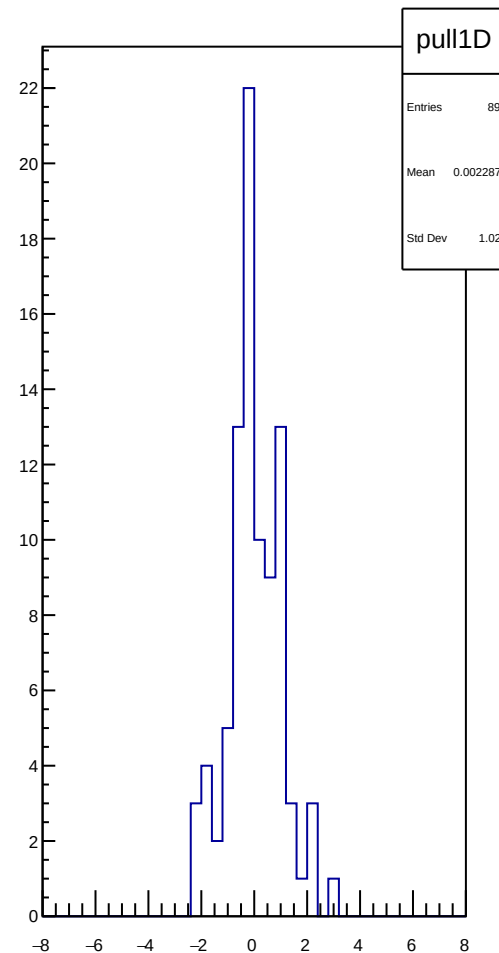
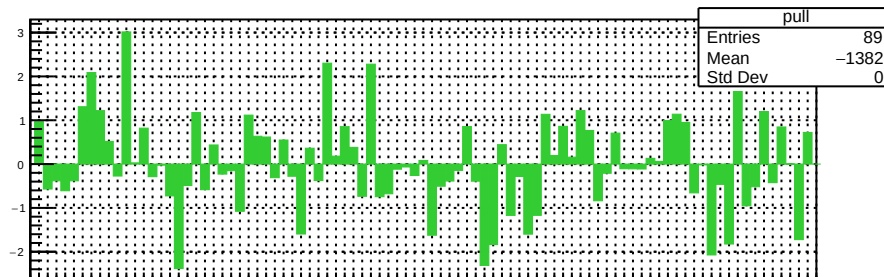
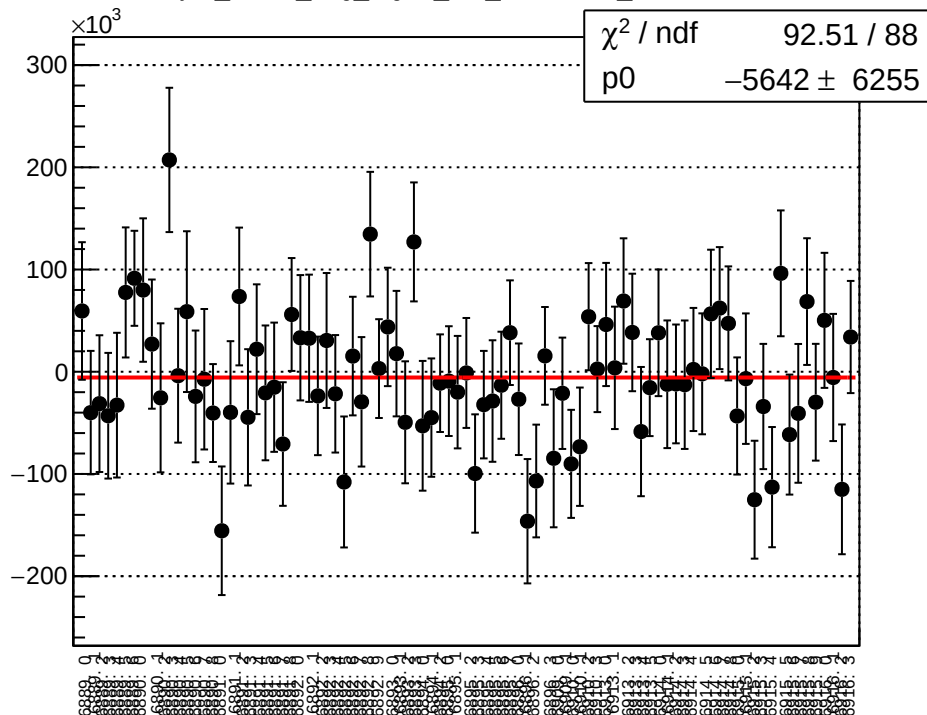
eigen_cor_asym_atr1l2_avg_mean vs run



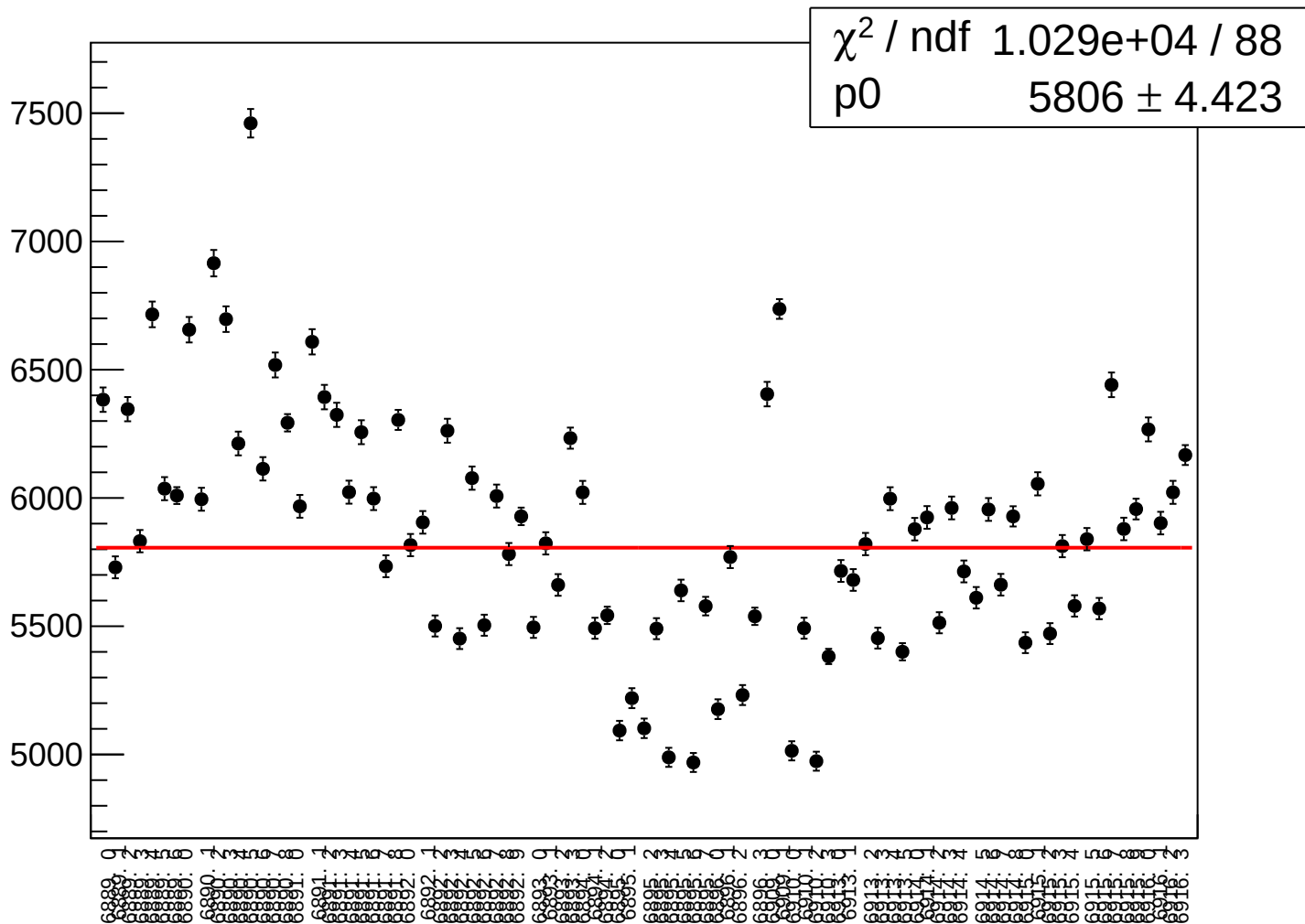
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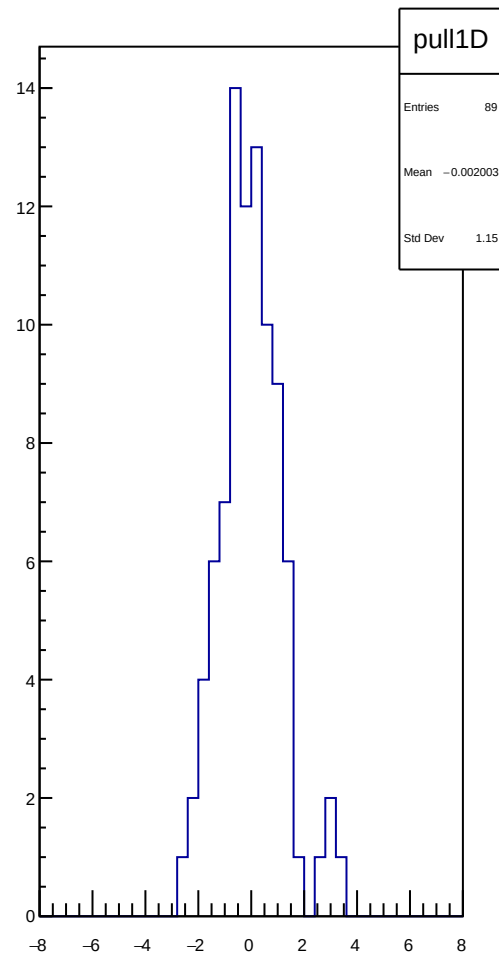
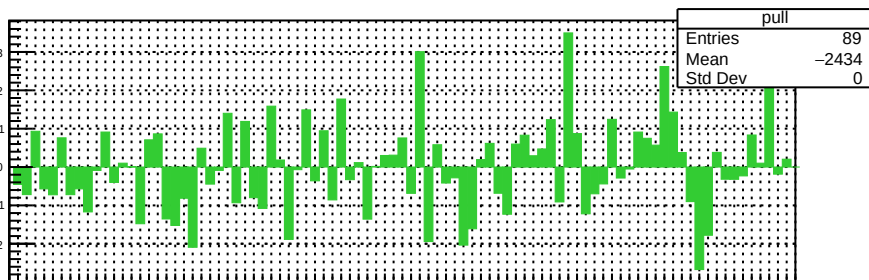
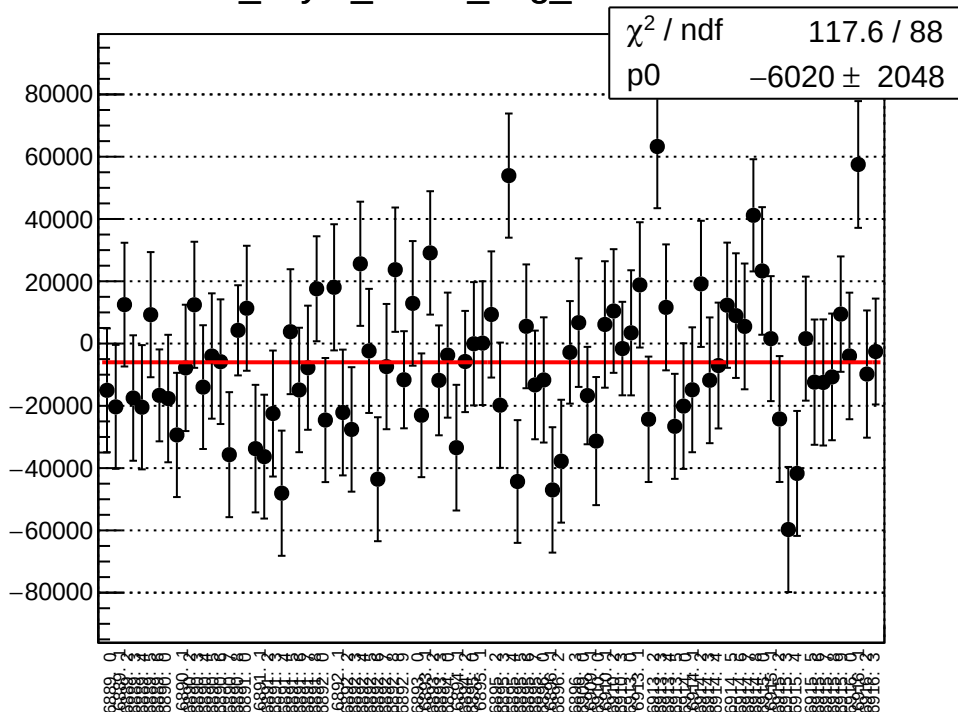
asym_atr1l2_avg_eigen_cor_correction_mean vs run



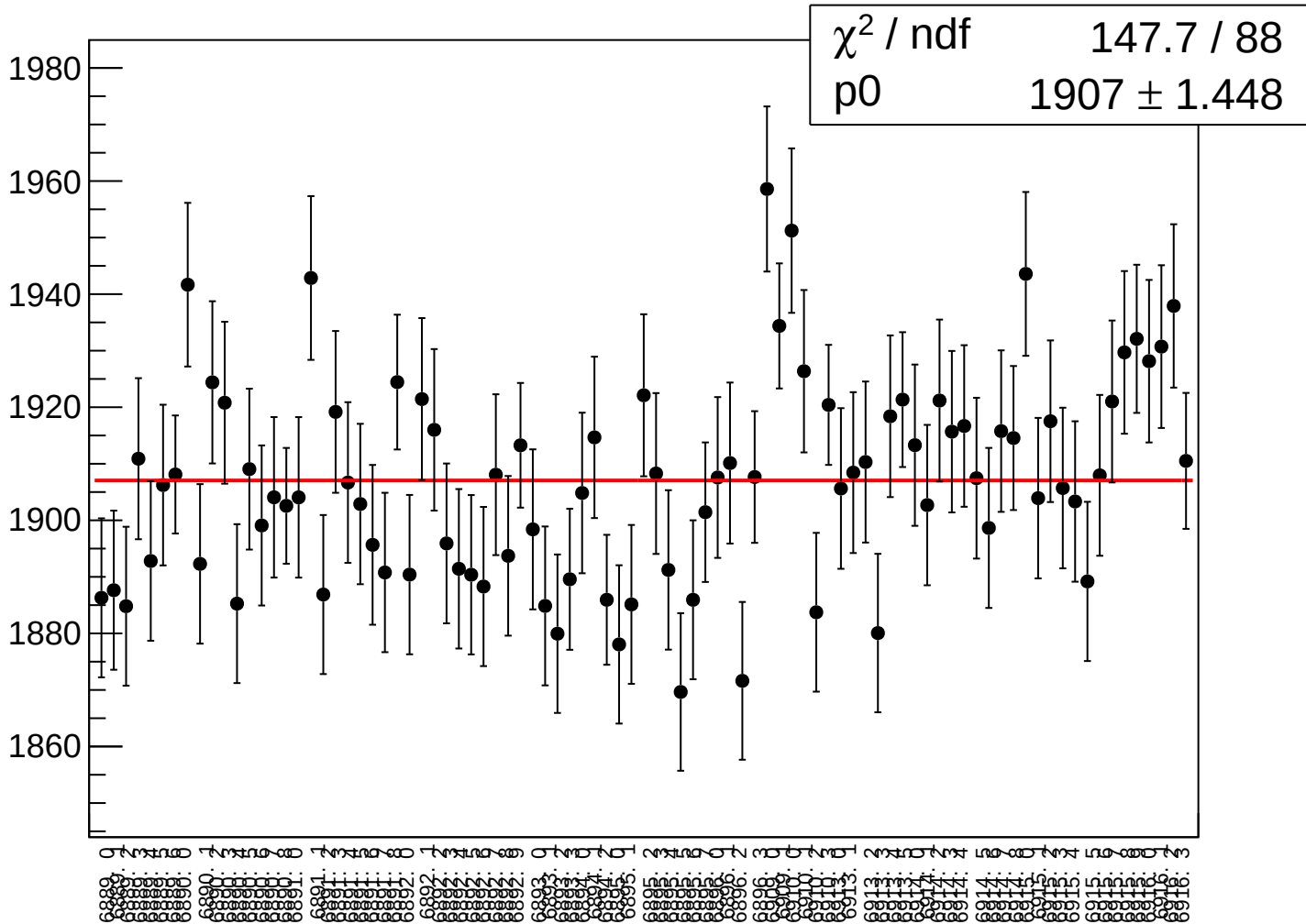
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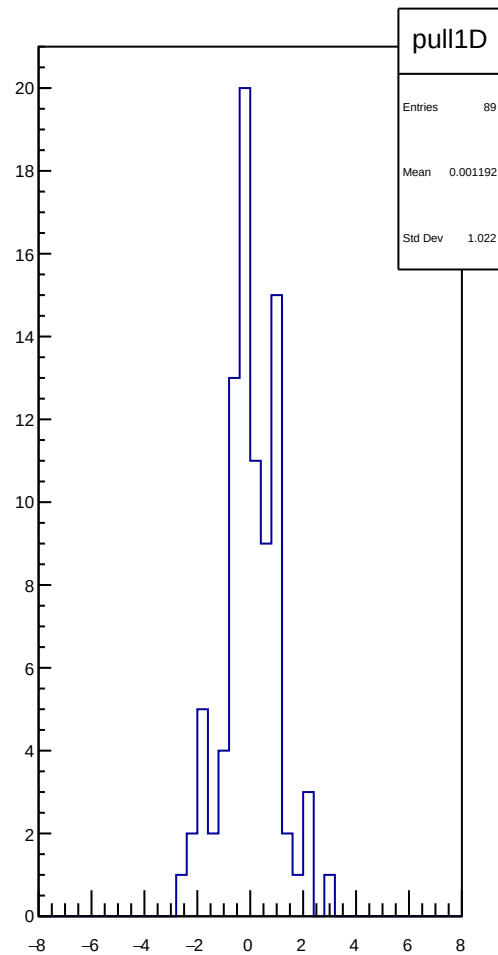
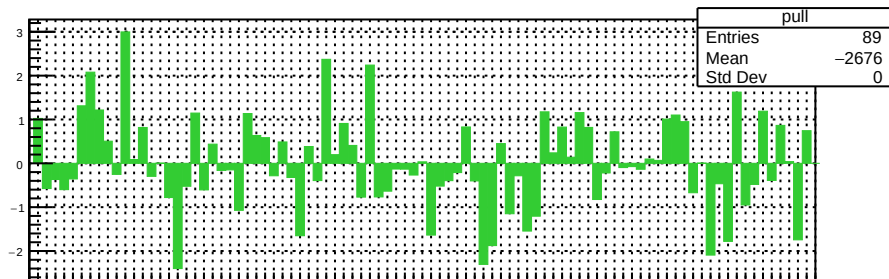
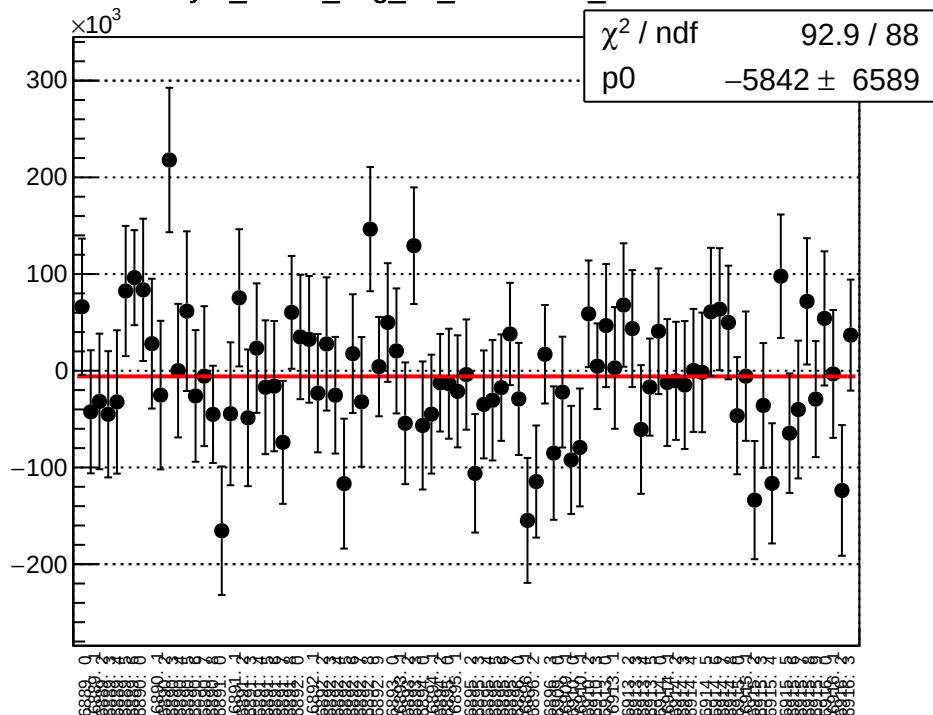
dit_asym_atr1l2_avg_mean vs run



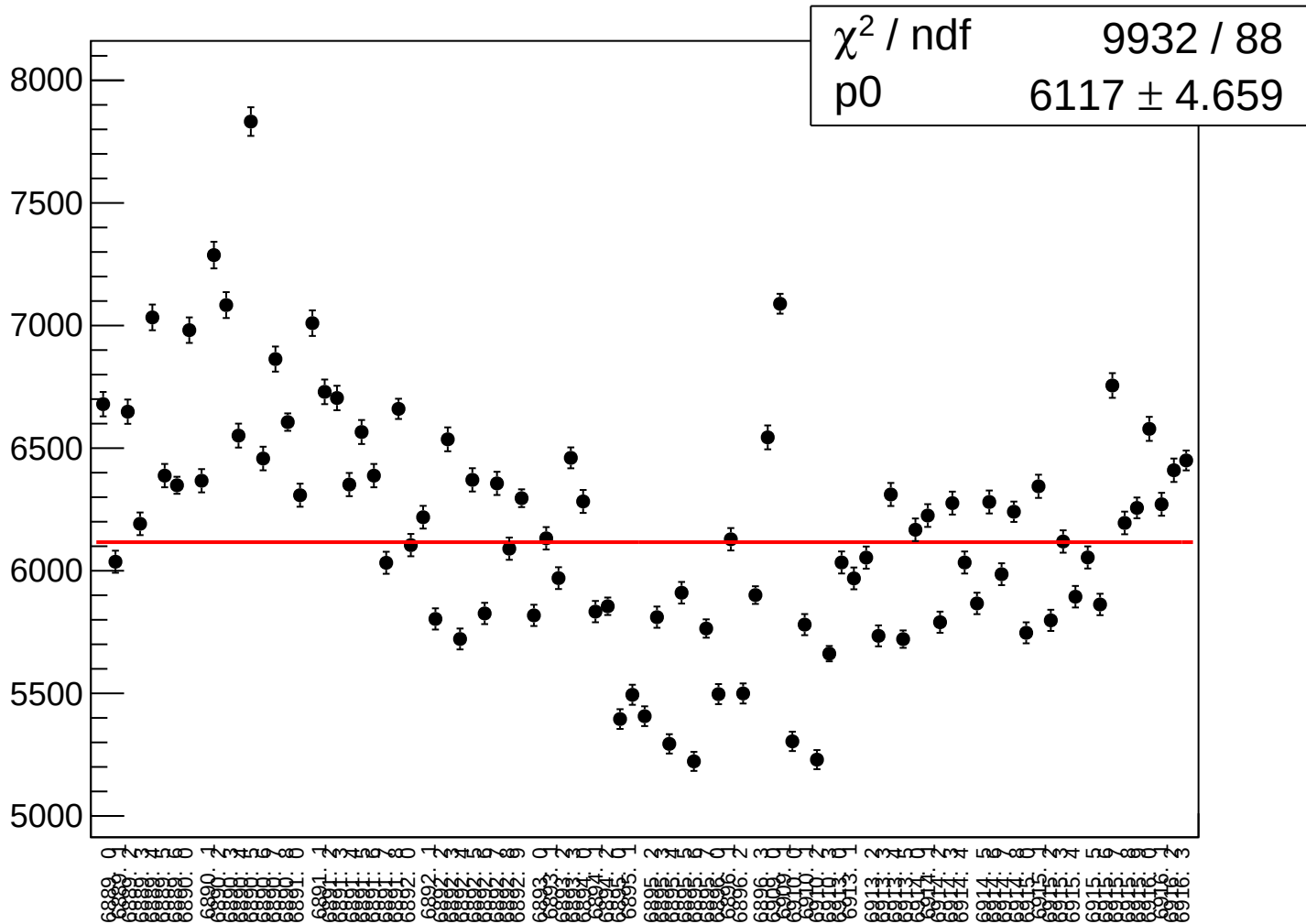
dit_asym_atr1l2_avg_rms vs run



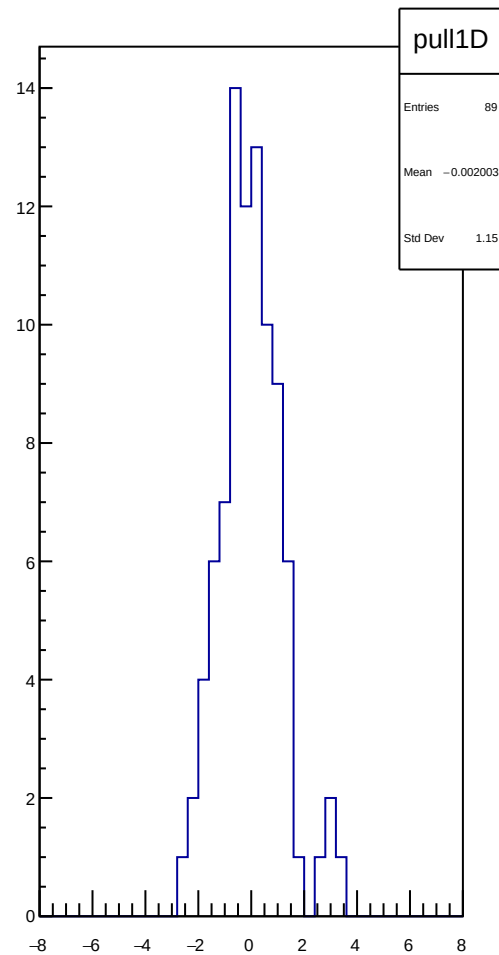
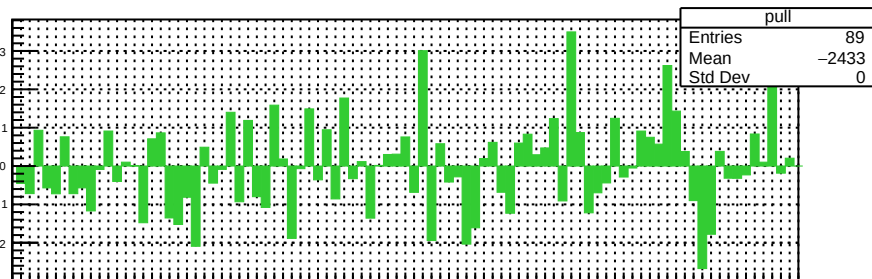
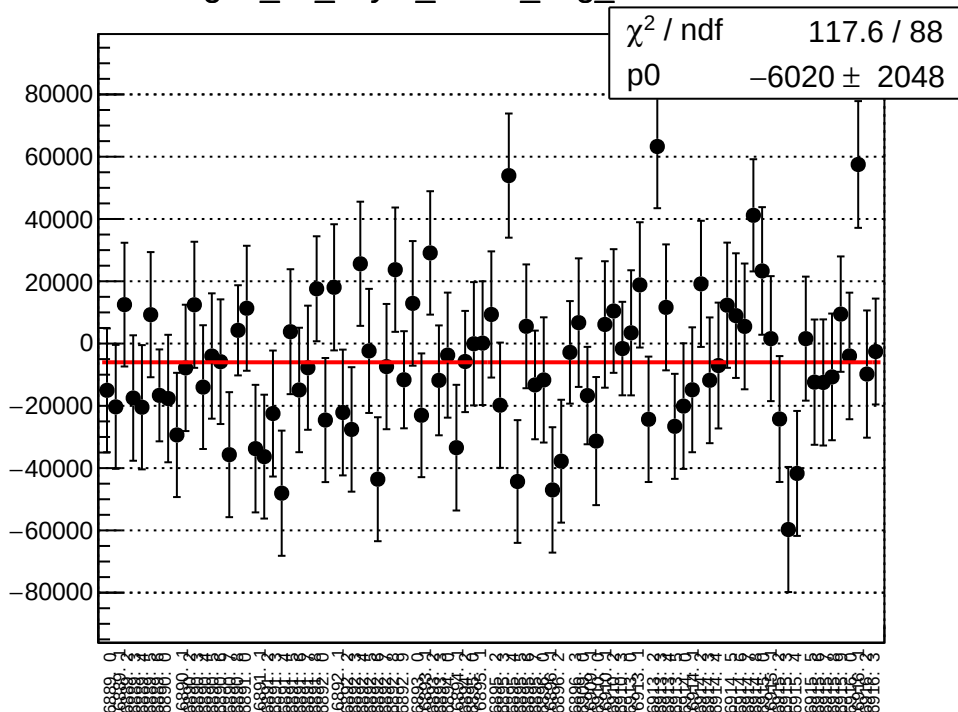
asym_atr1l2_avg_dit_correction_mean vs run



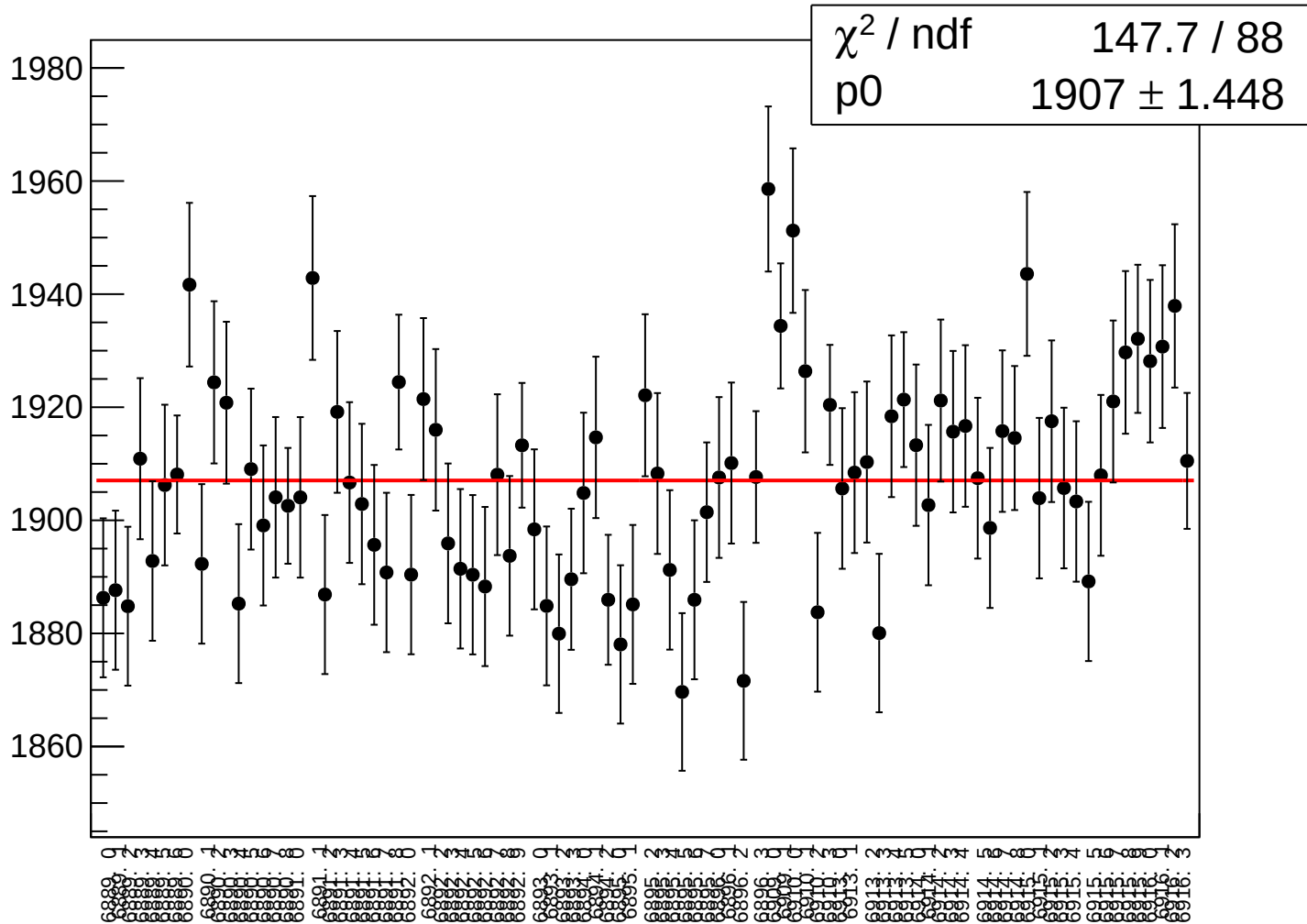
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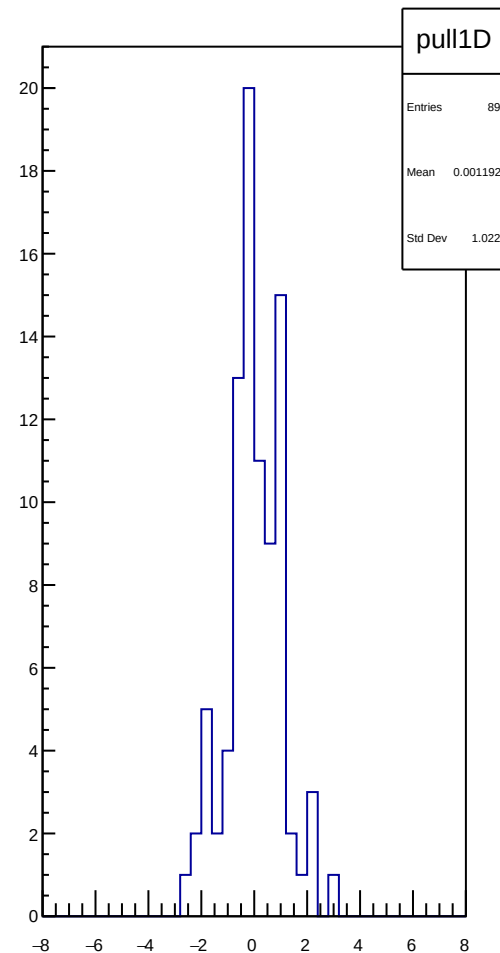
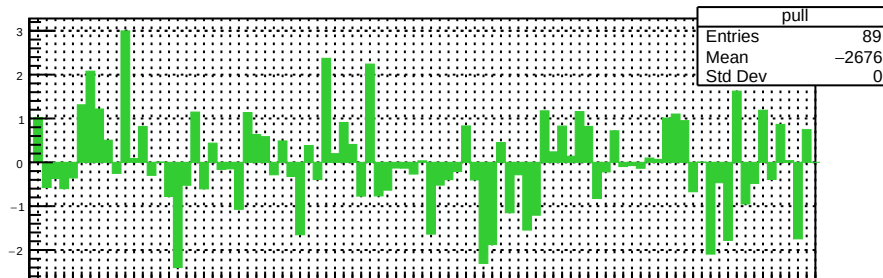
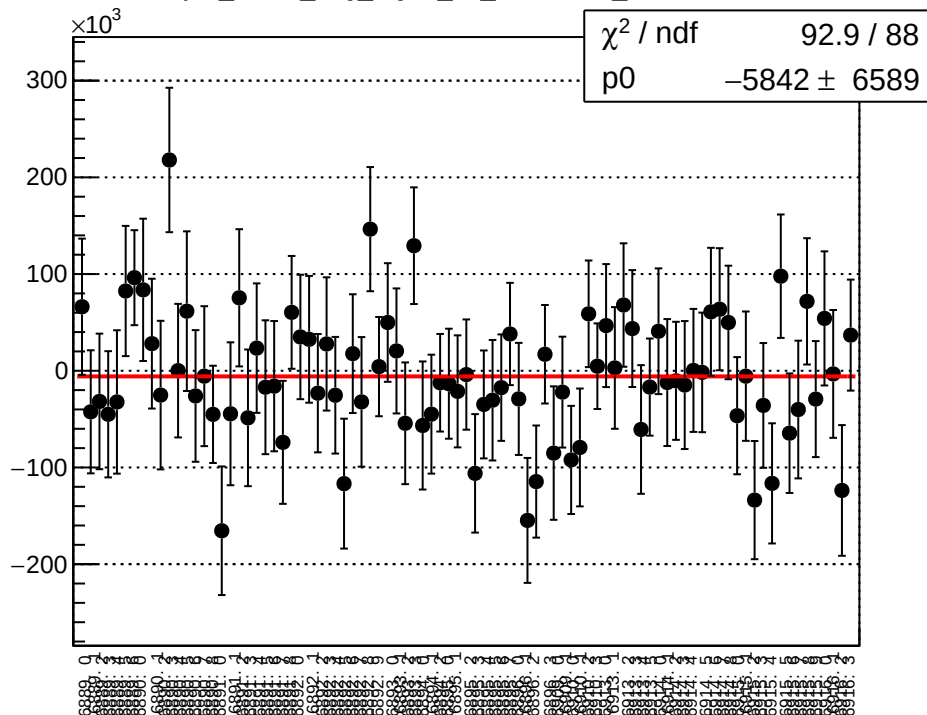
eigen_dit_asym_atr1l2_avg_mean vs run



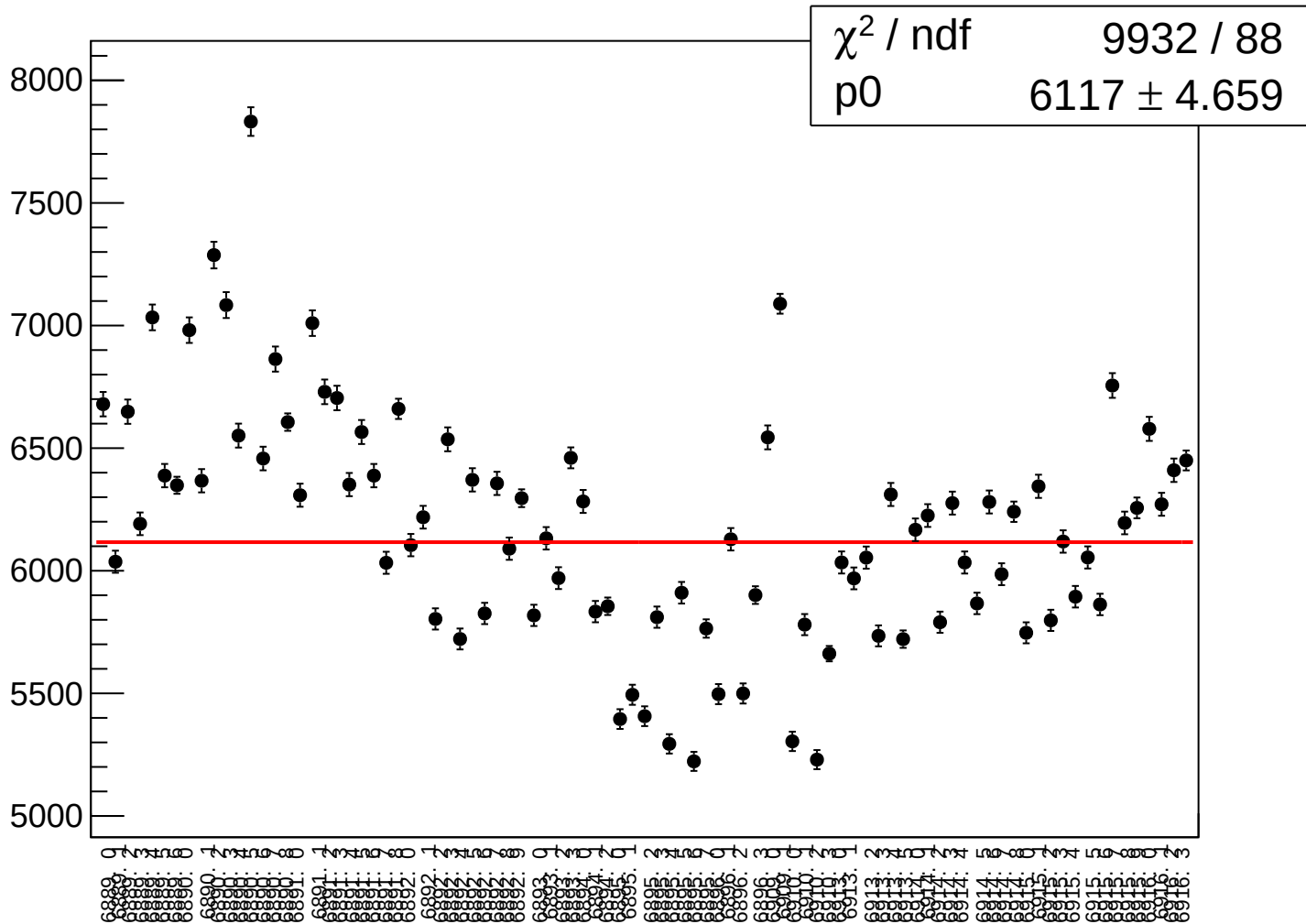
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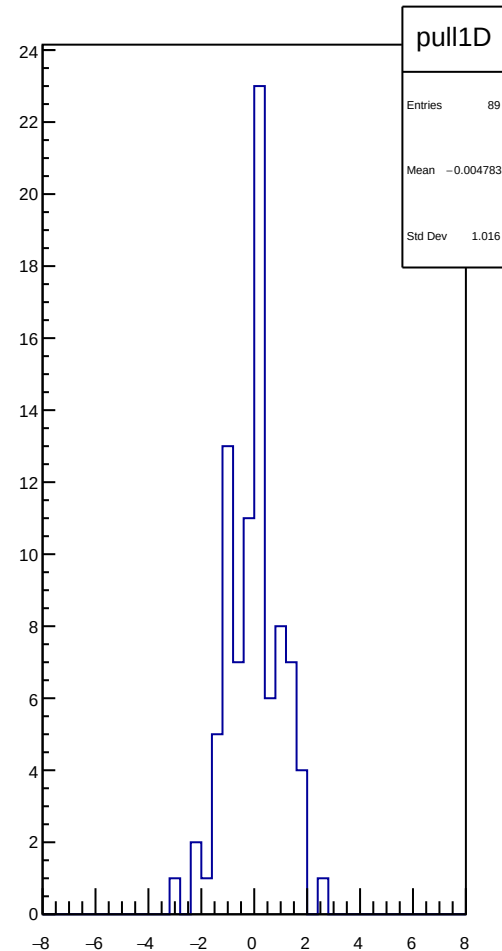
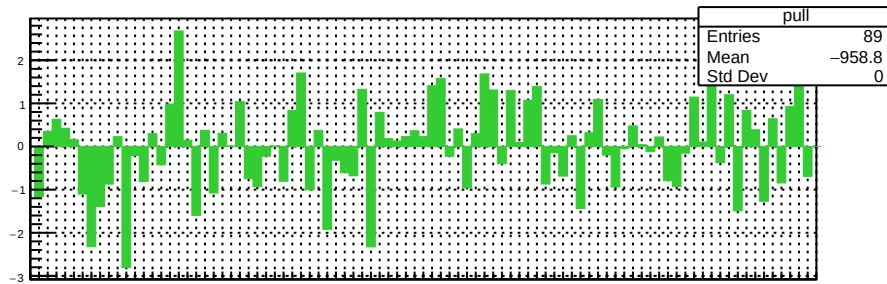
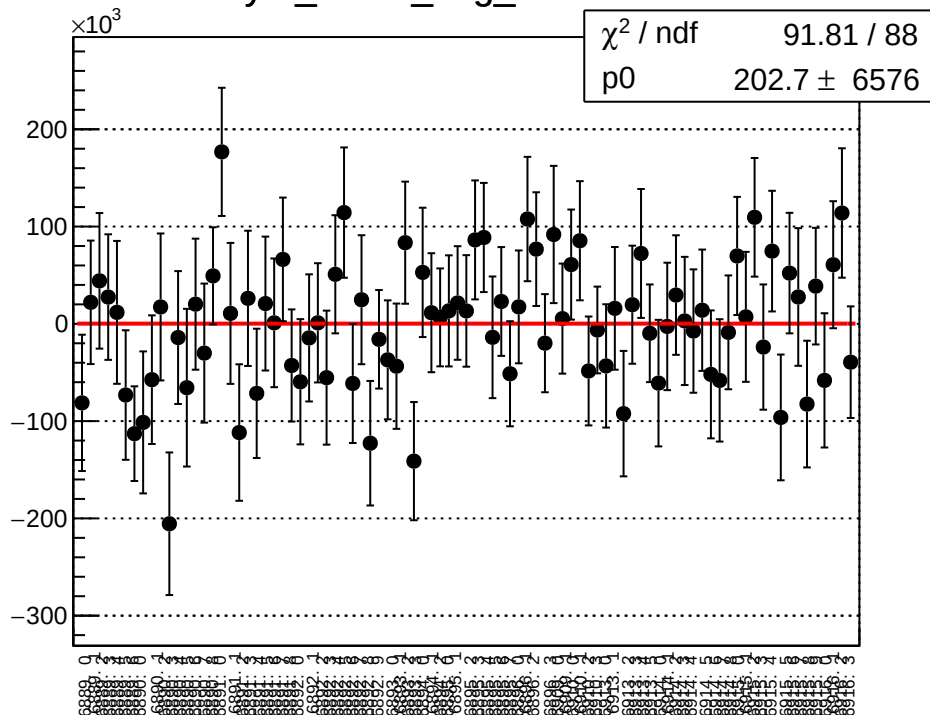
asym_atr1l2_avg_eigen_dit_correction_mean vs run



asym_atr1l2_avg_eigen_dit_correction_rms vs run



asym_atr1l2_avg_mean vs run



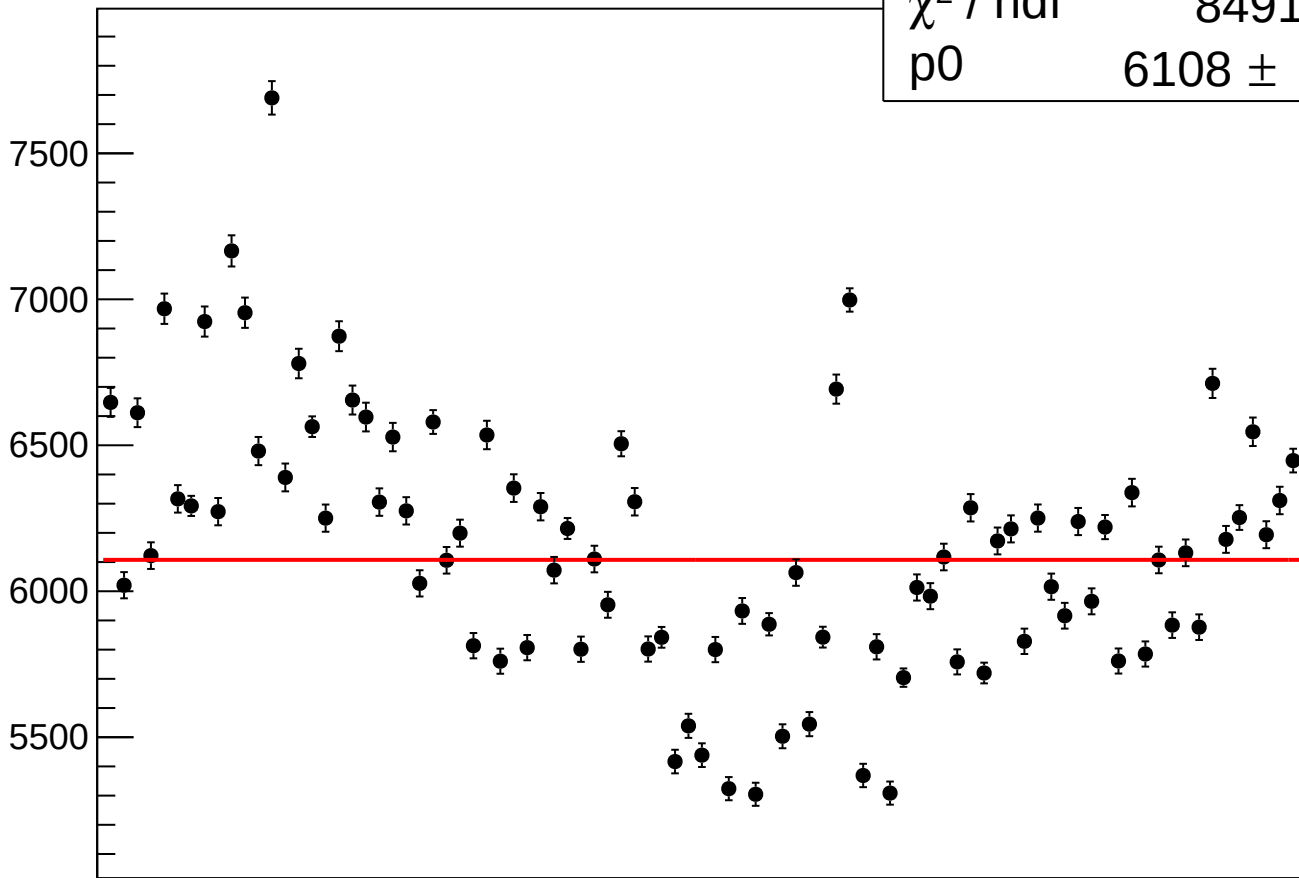
asym_atr1l2_avg_rms vs run

χ^2 / ndf

8491 / 88

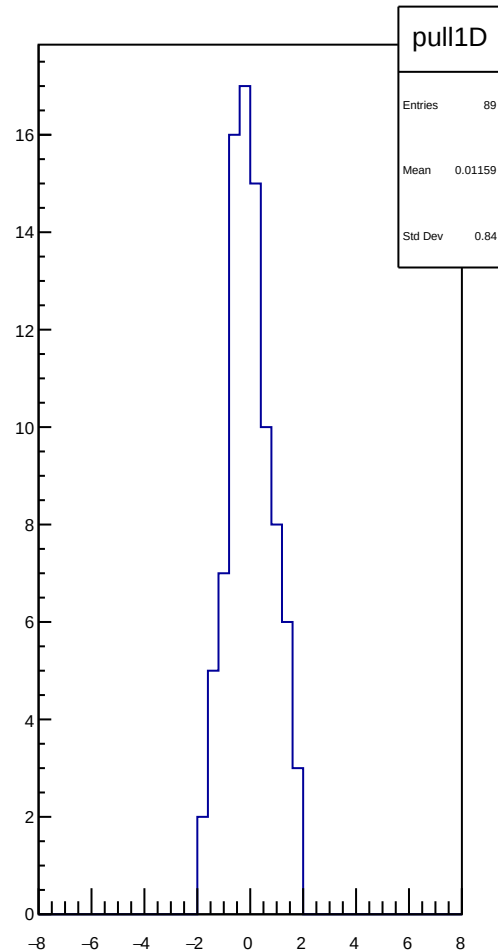
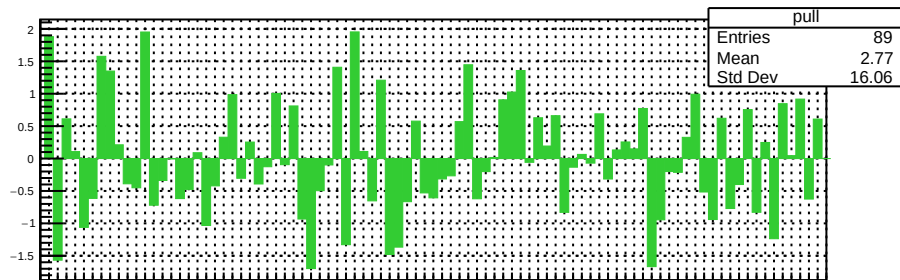
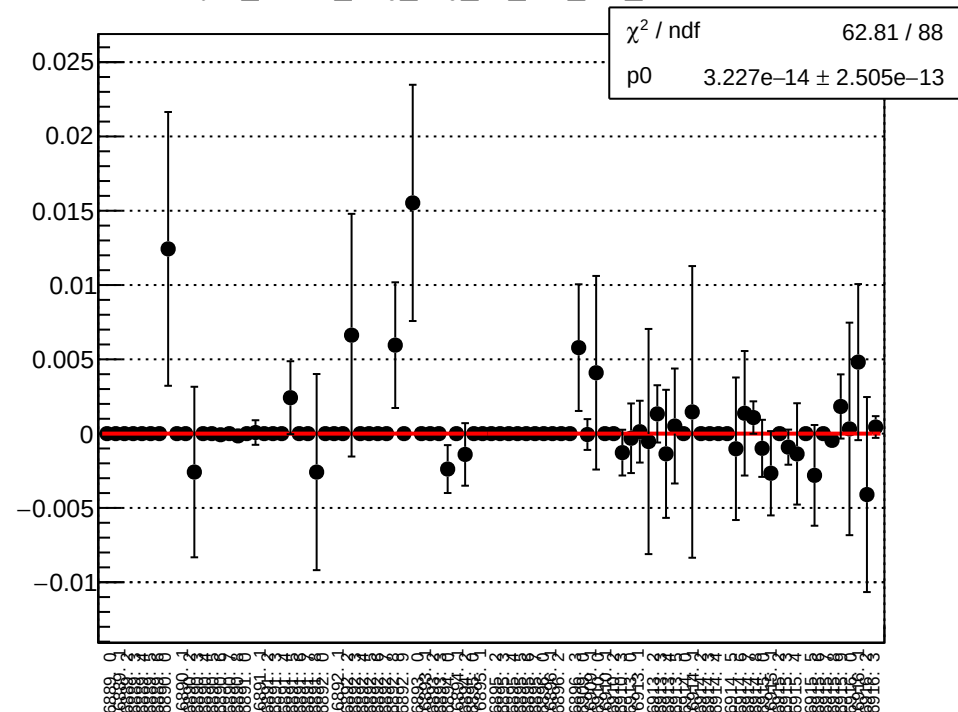
p0

6108 ± 4.65

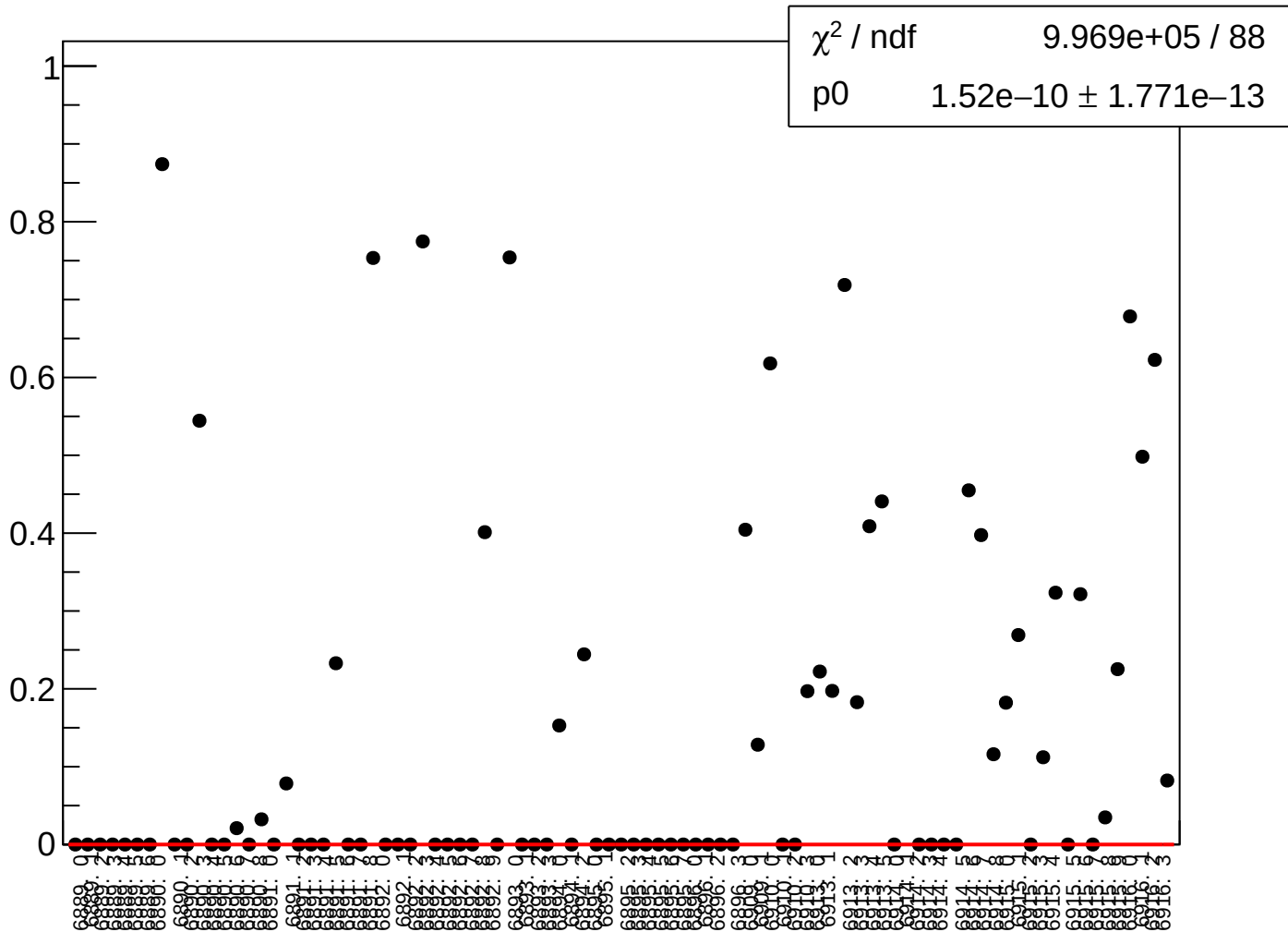


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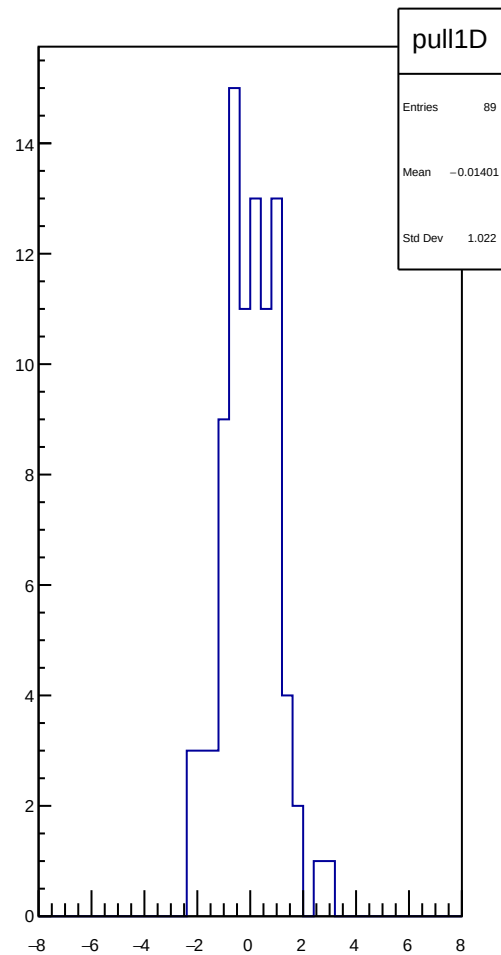
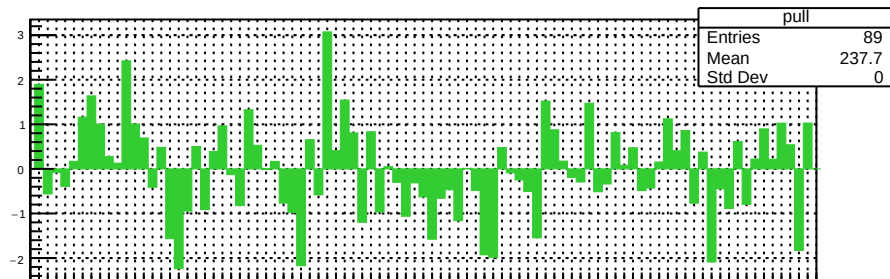
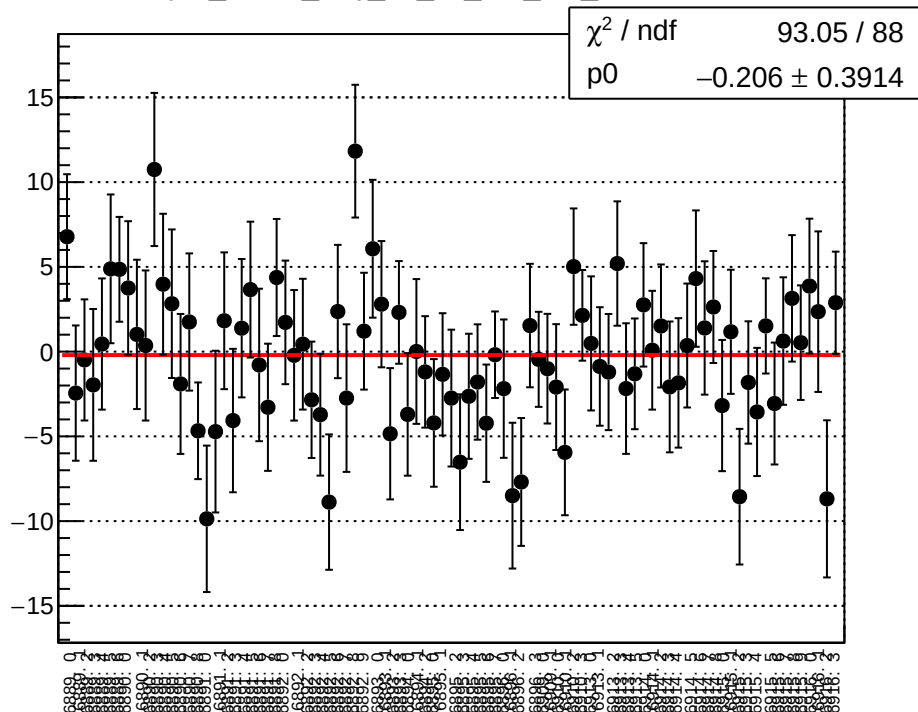
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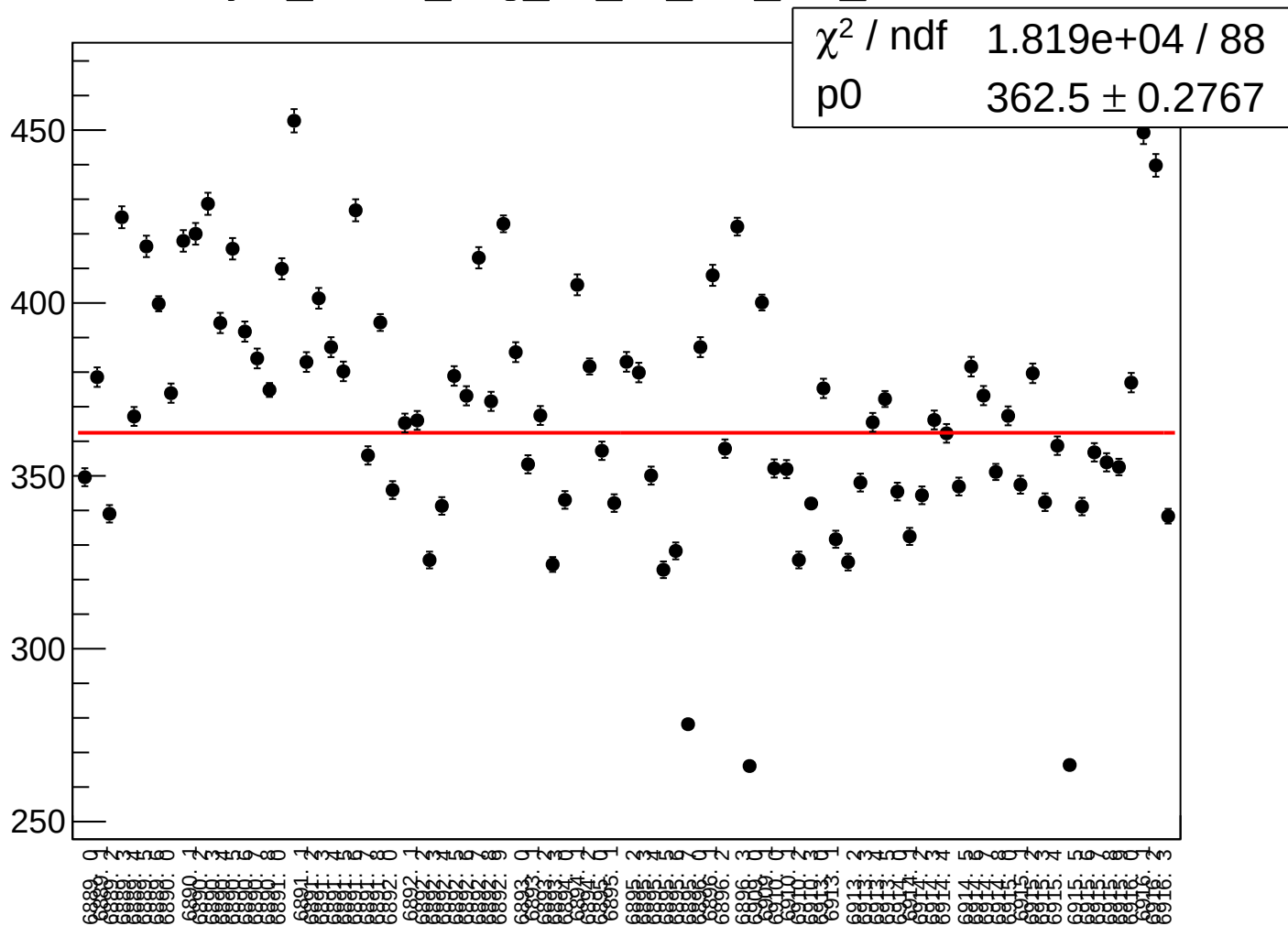
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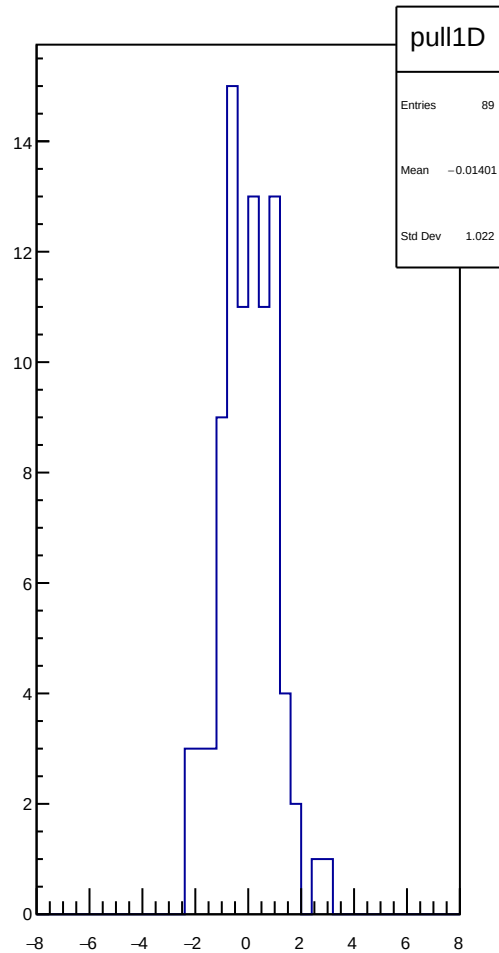
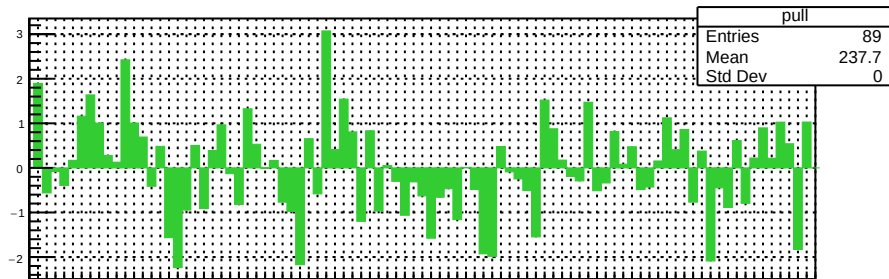
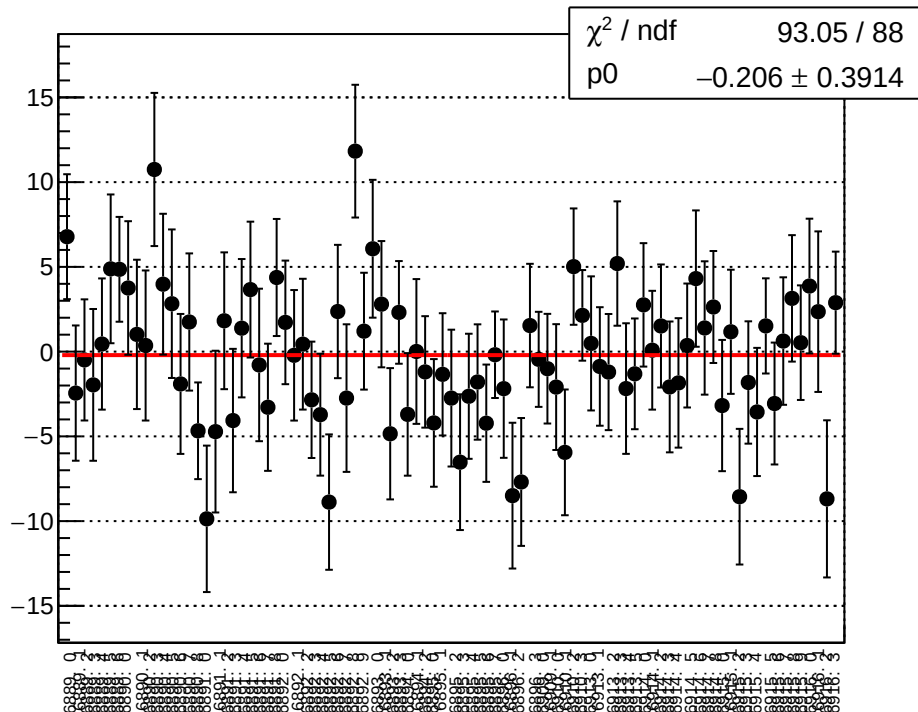
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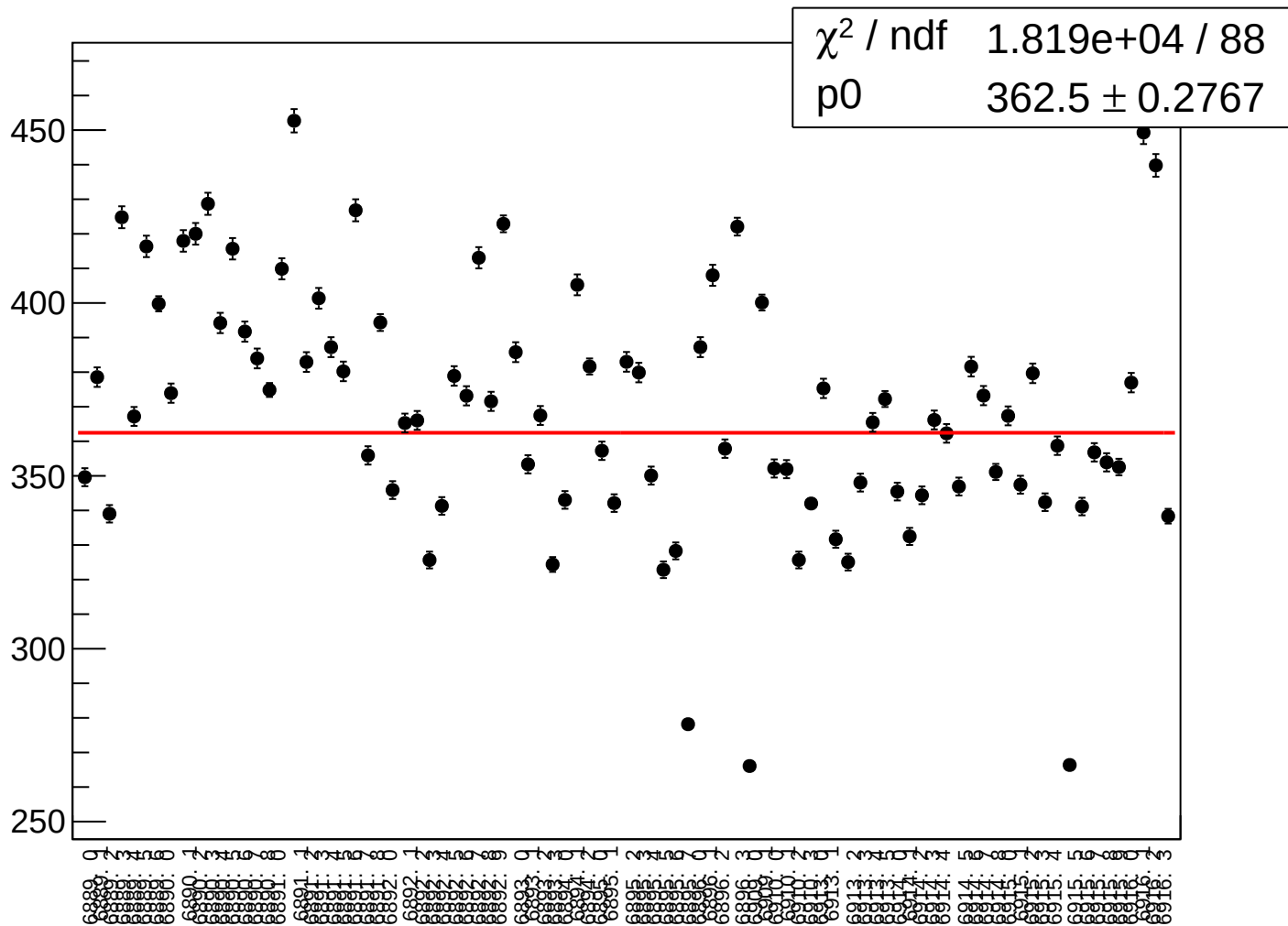
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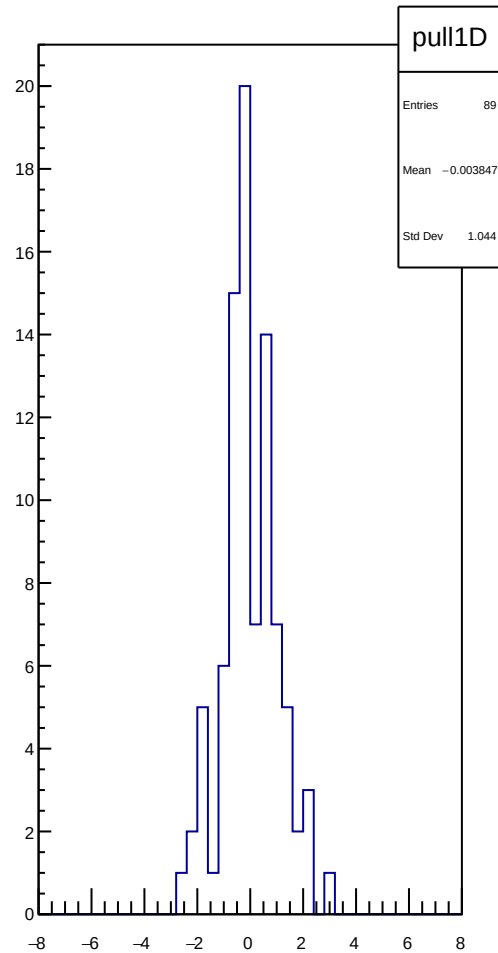
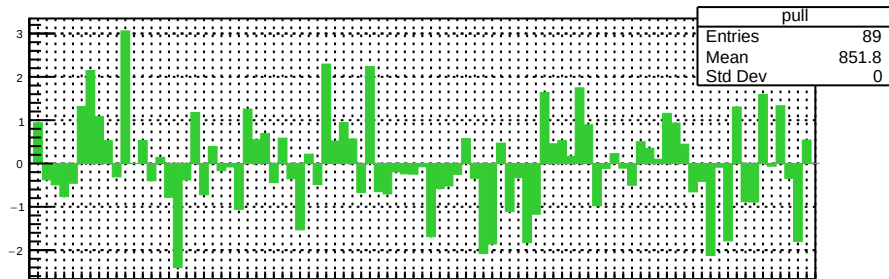
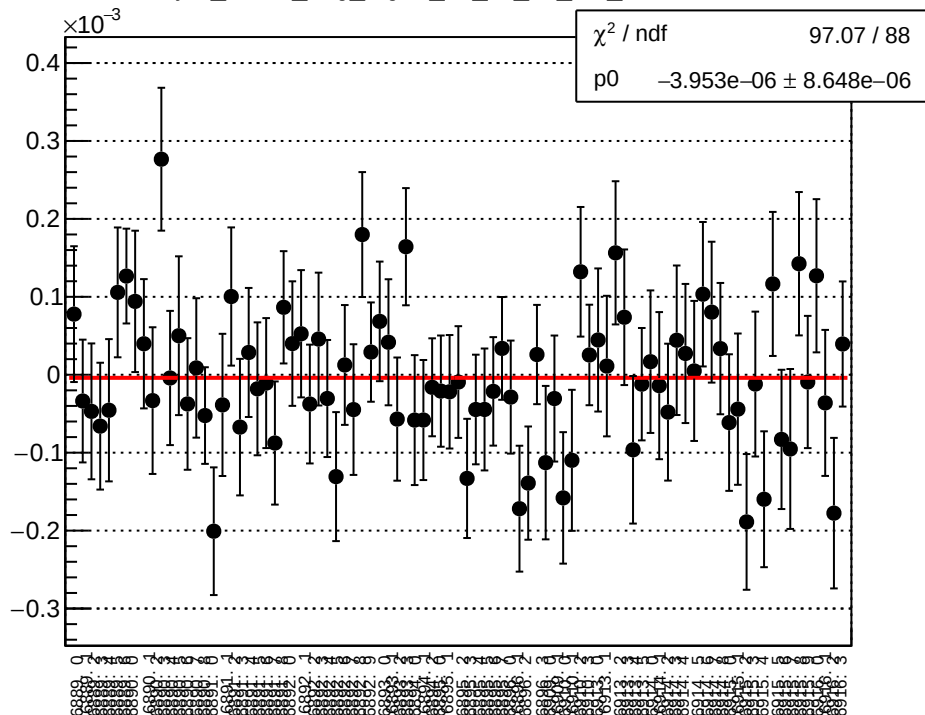
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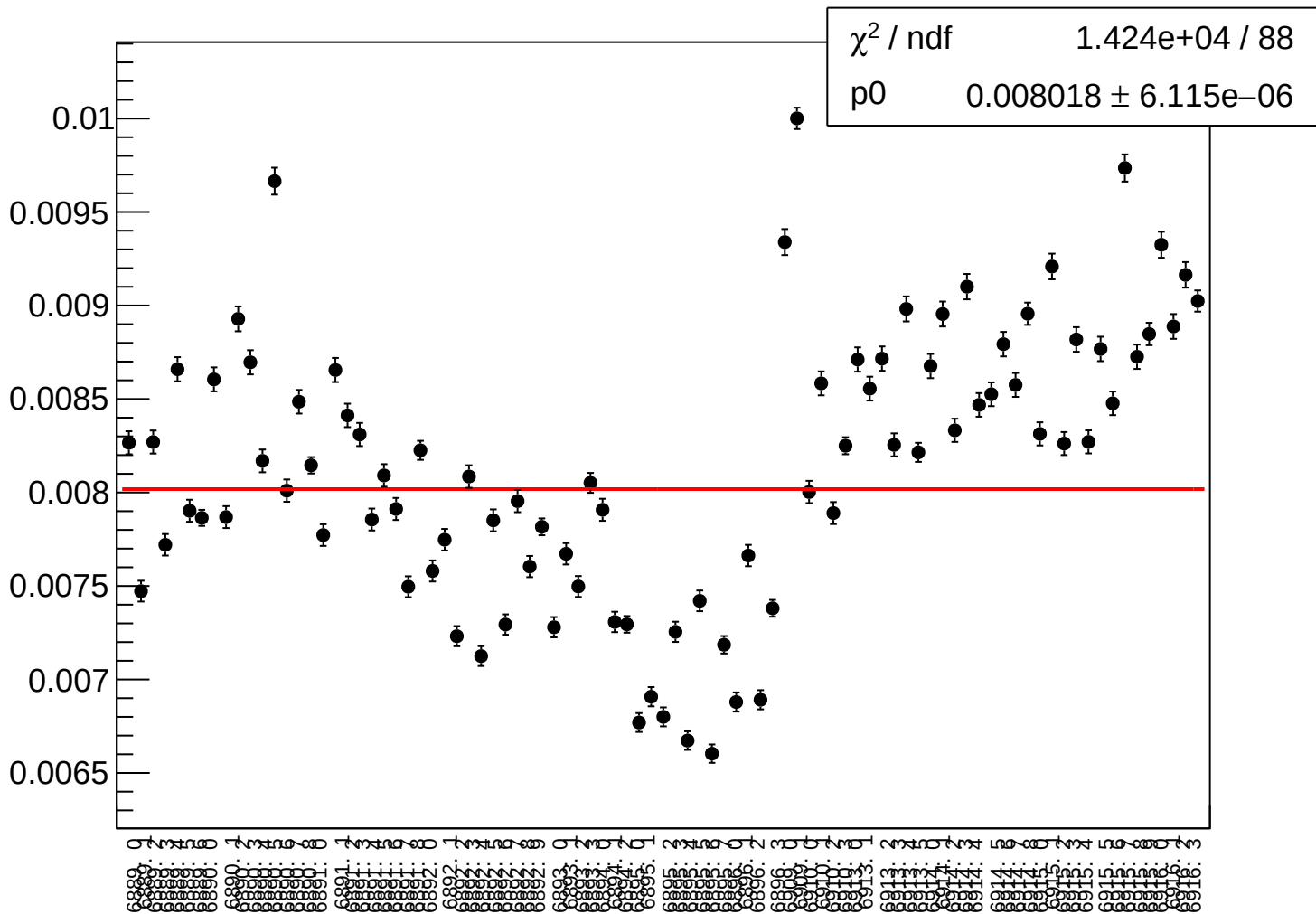
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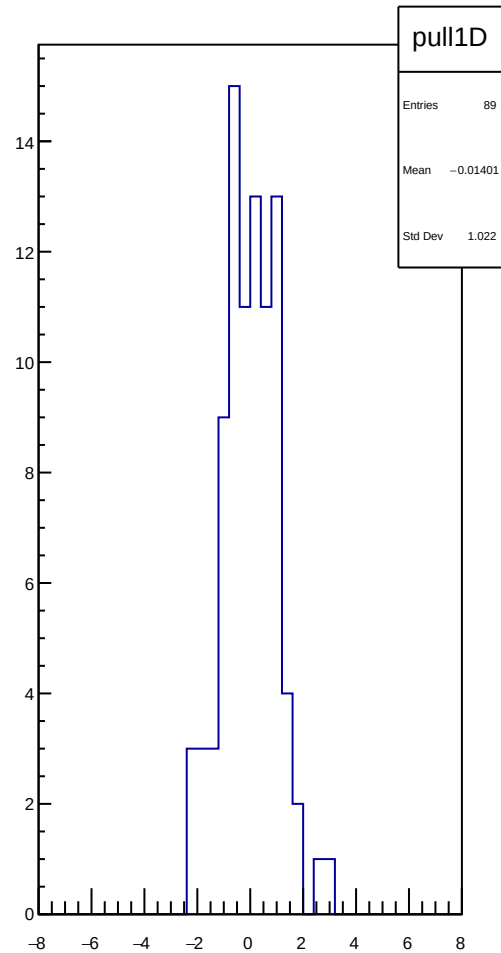
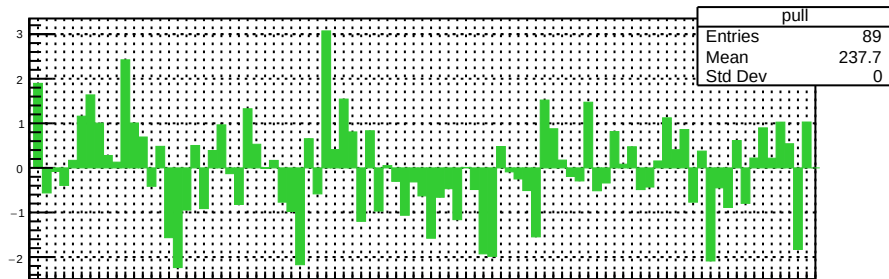
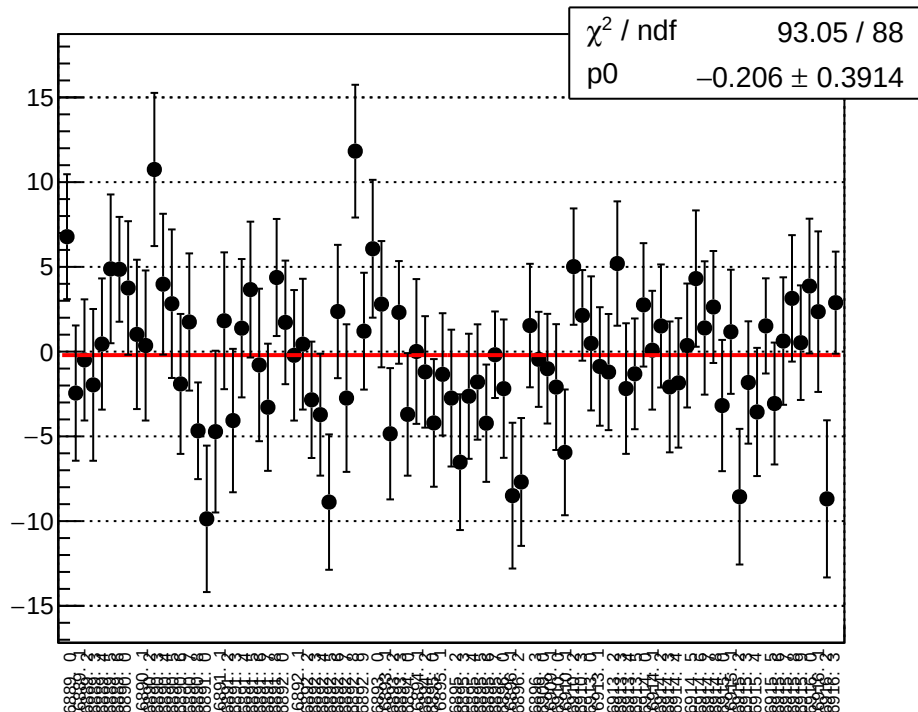
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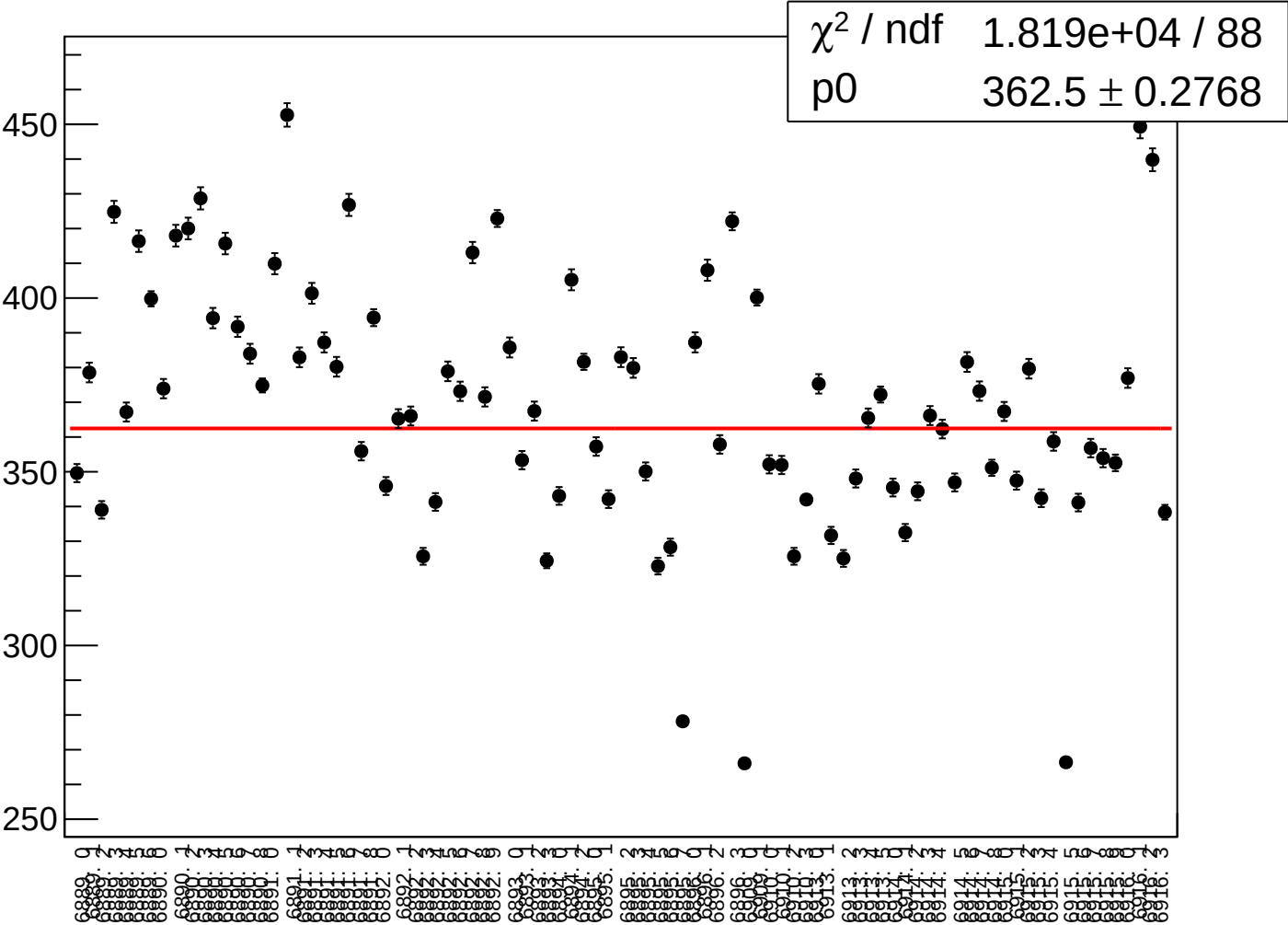
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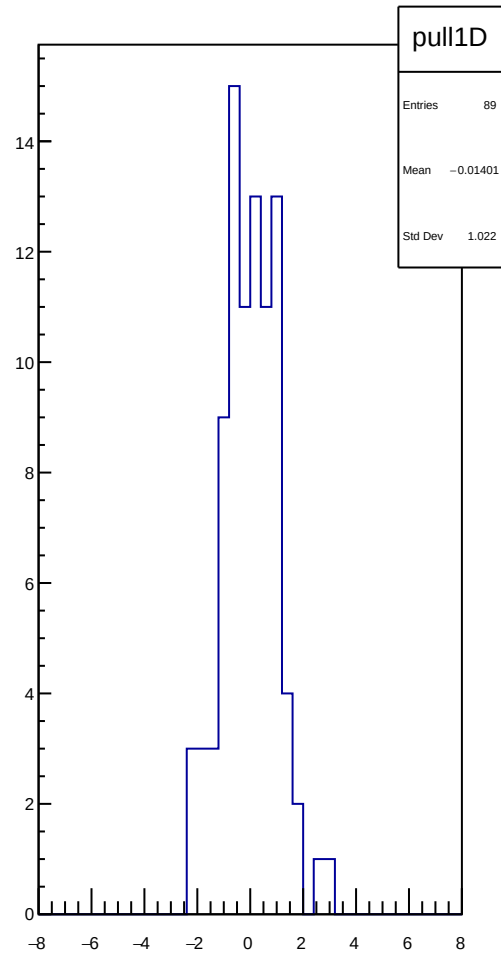
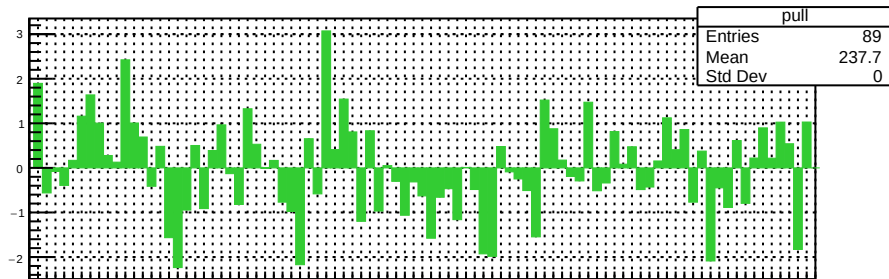
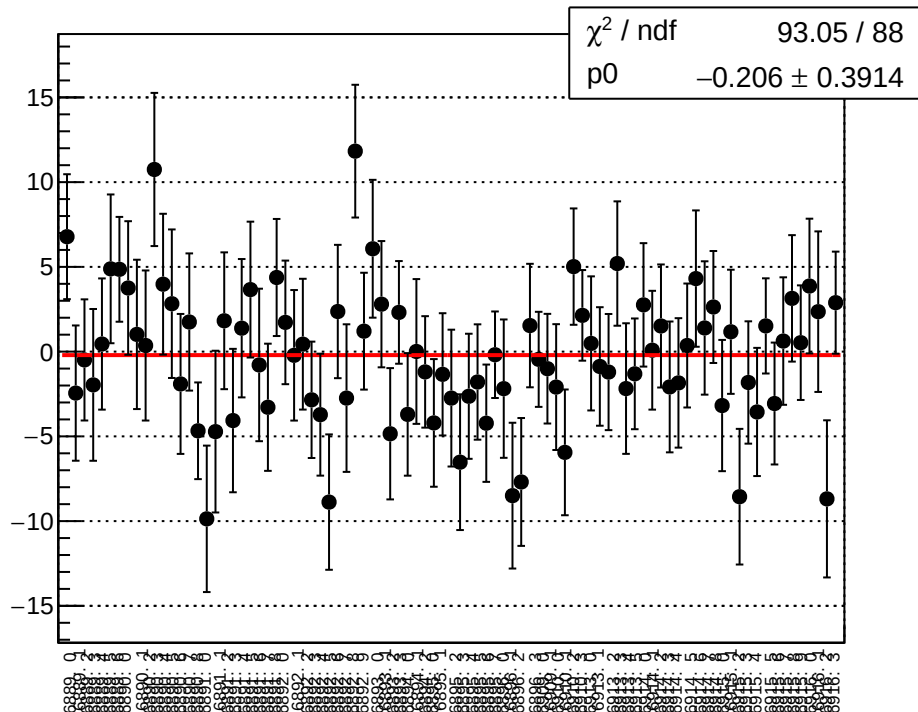
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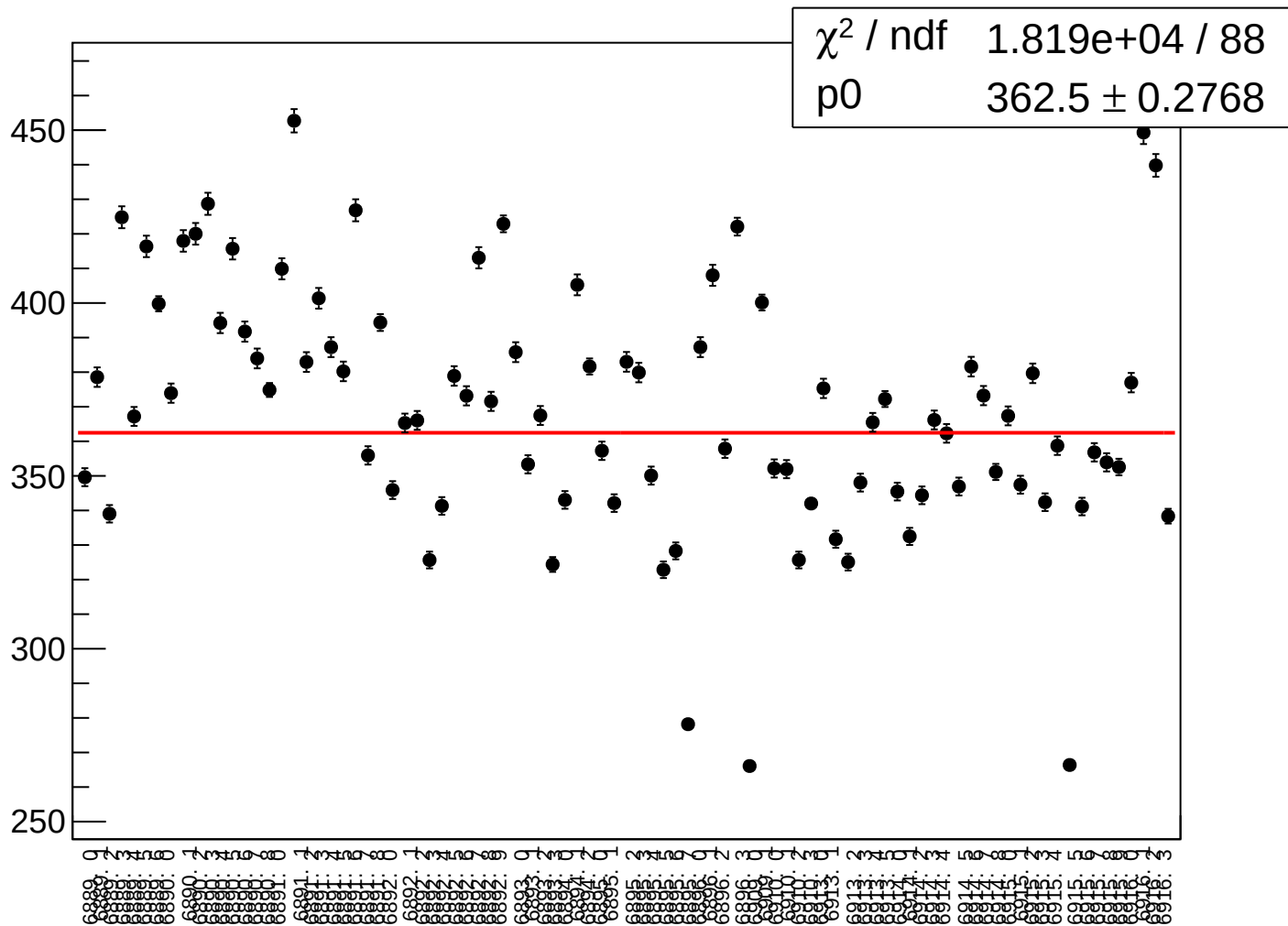
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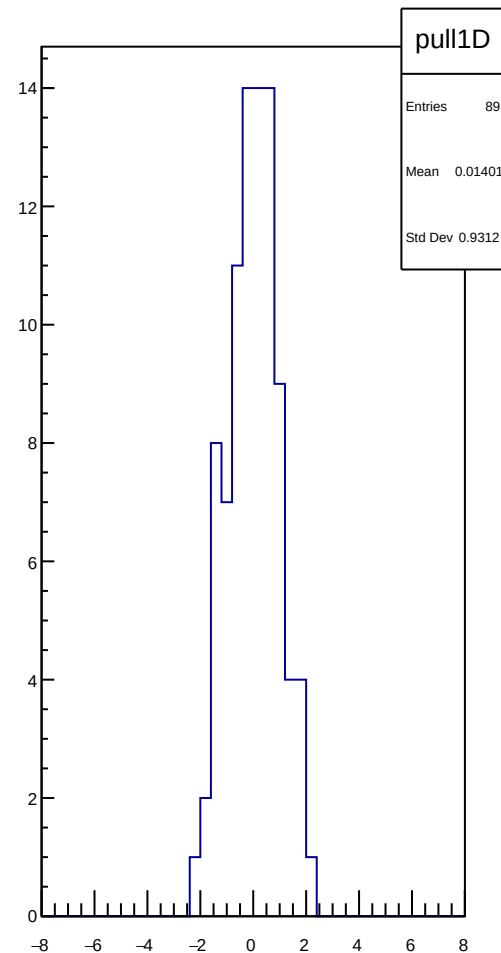
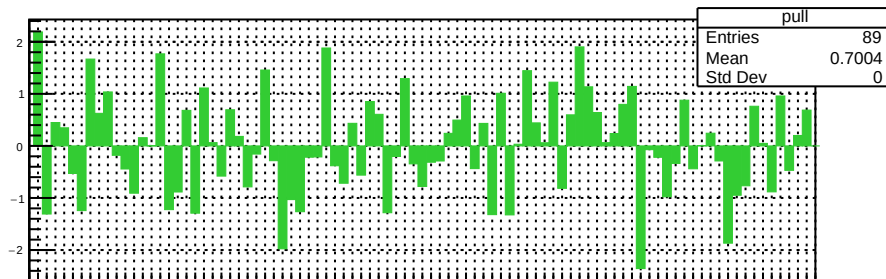
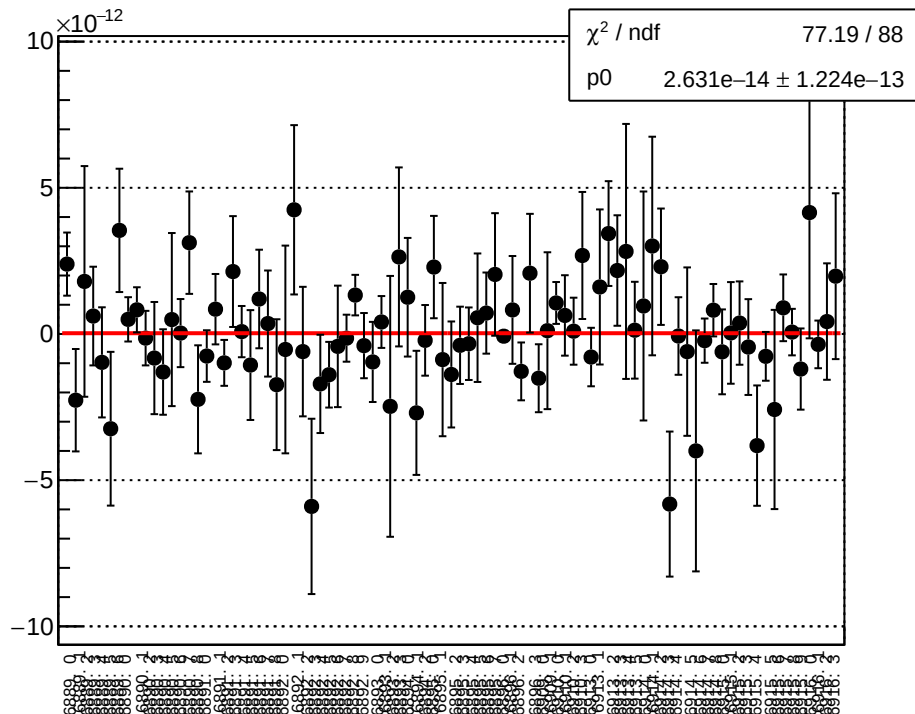
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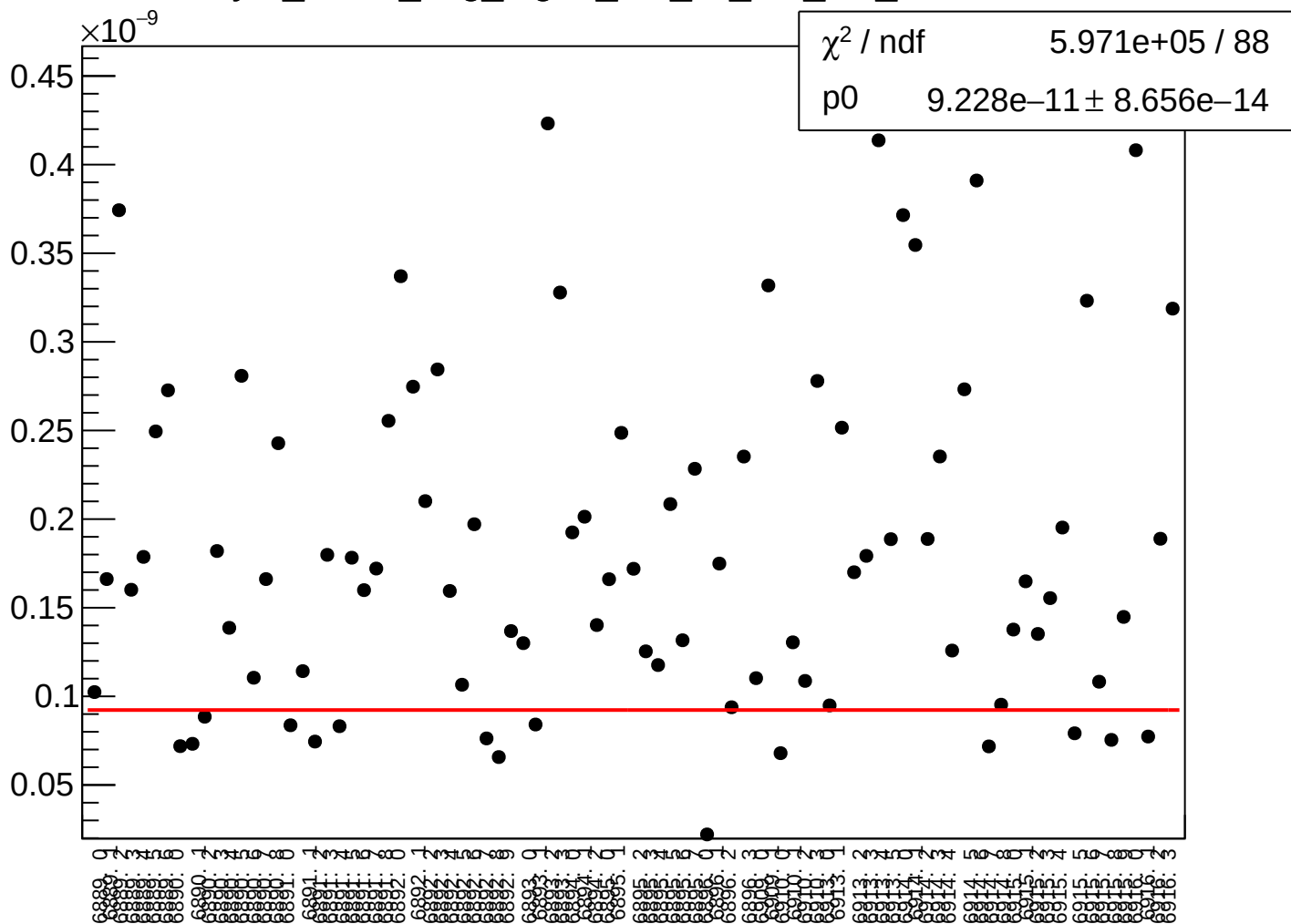
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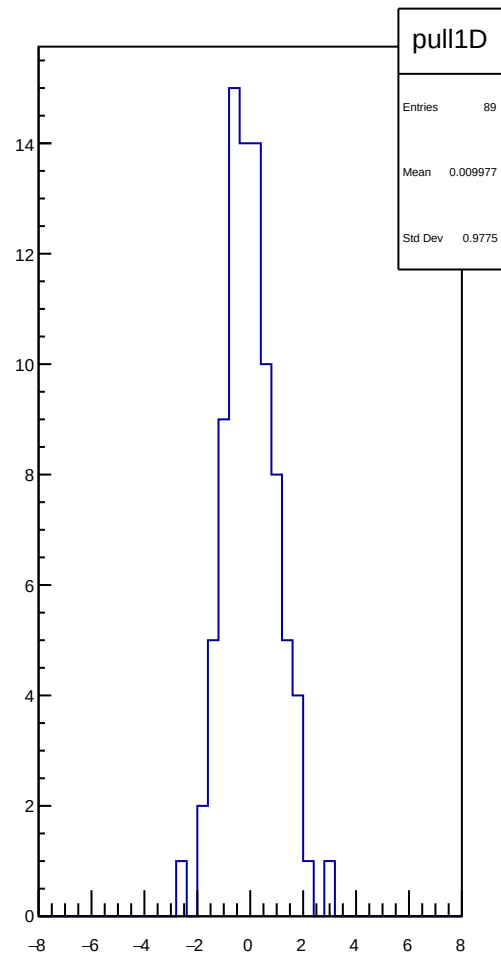
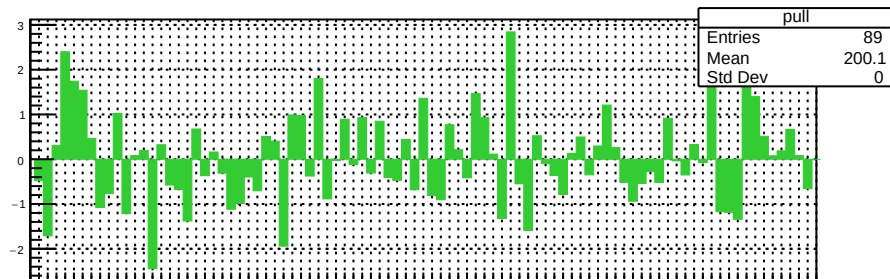
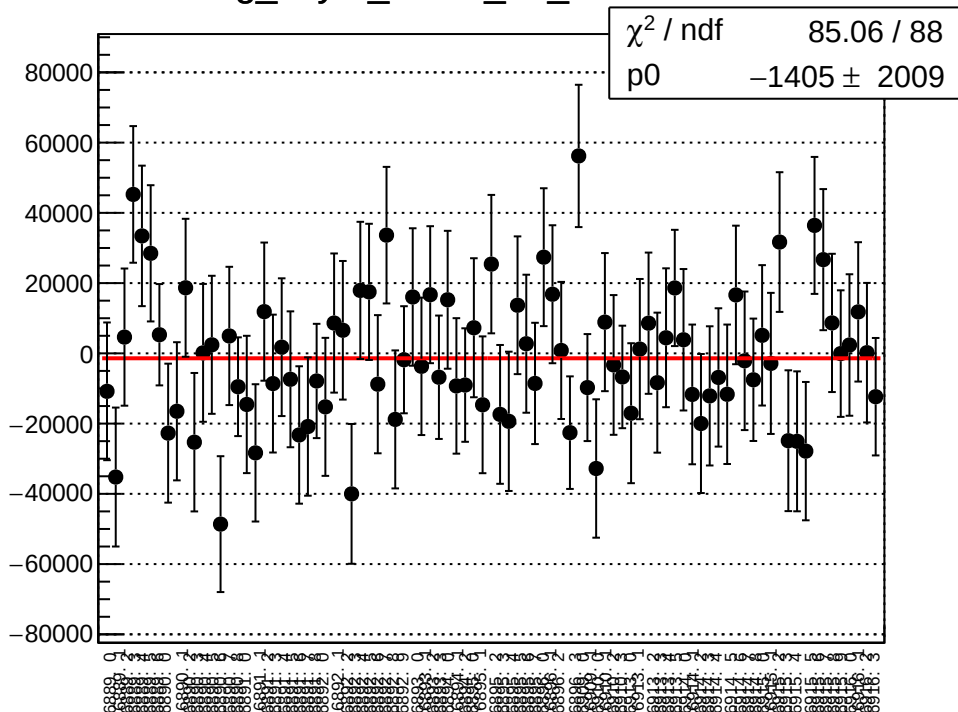
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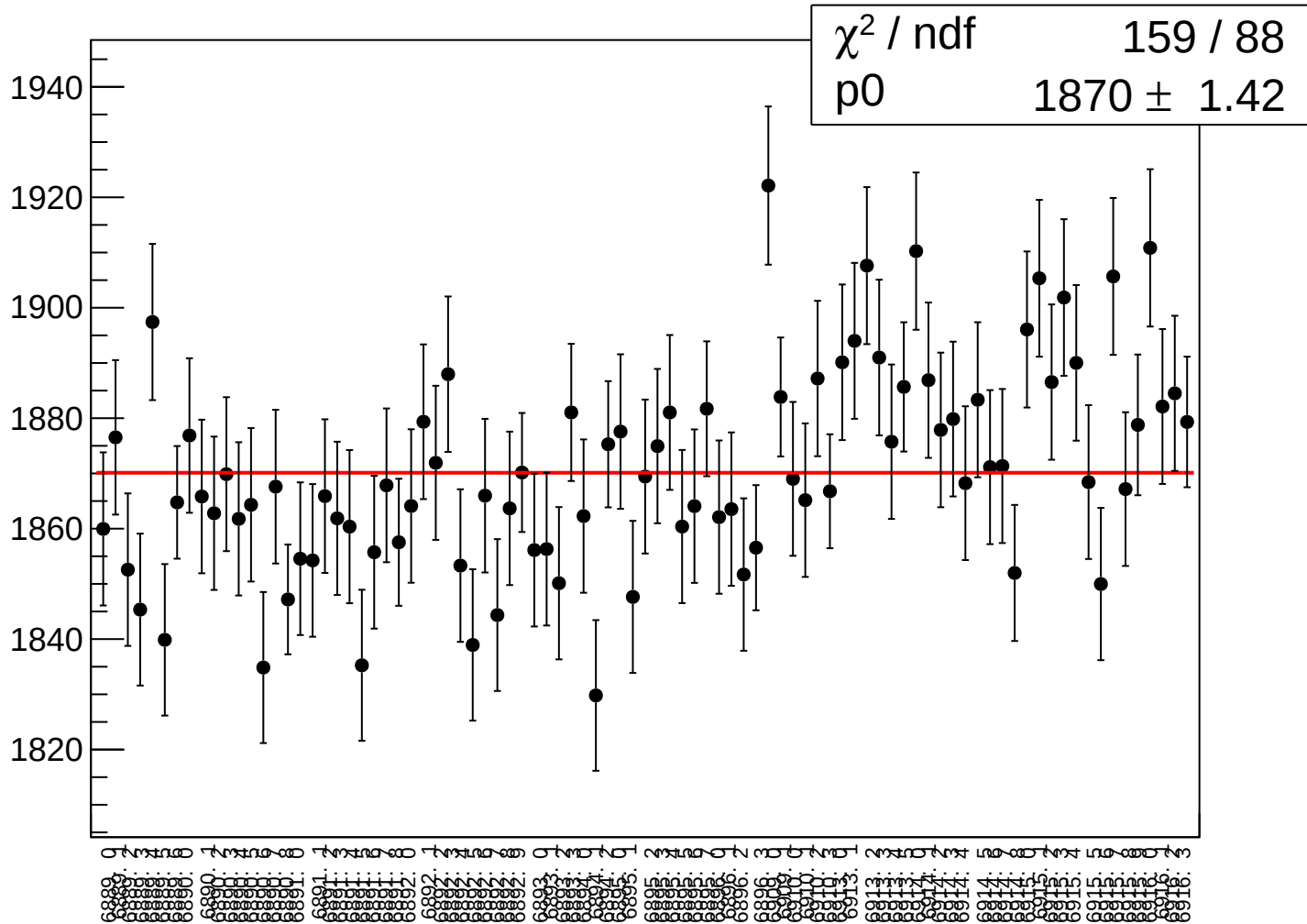
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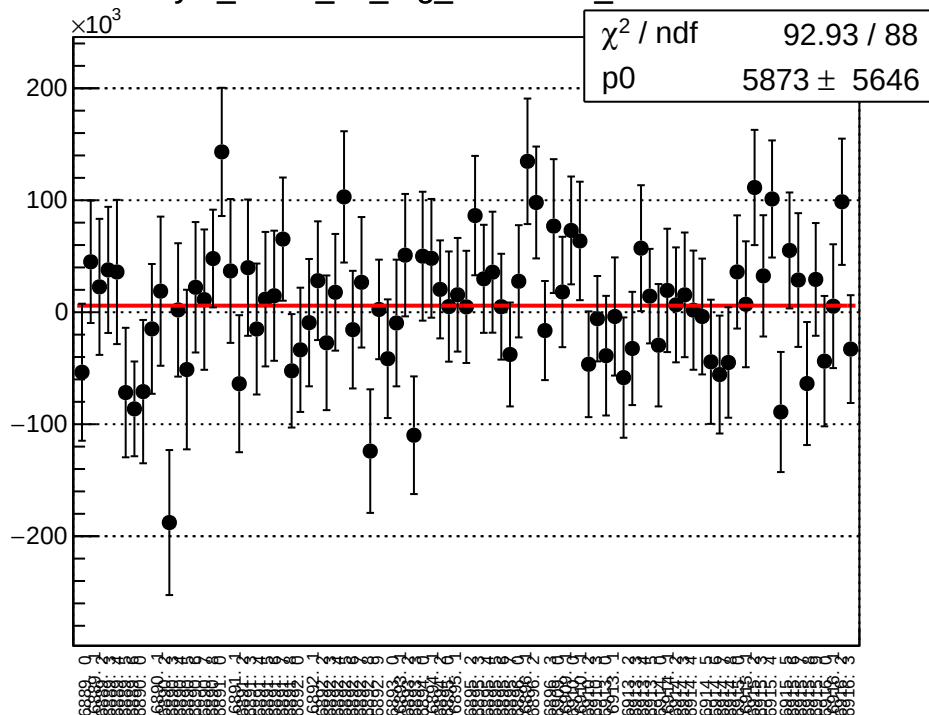
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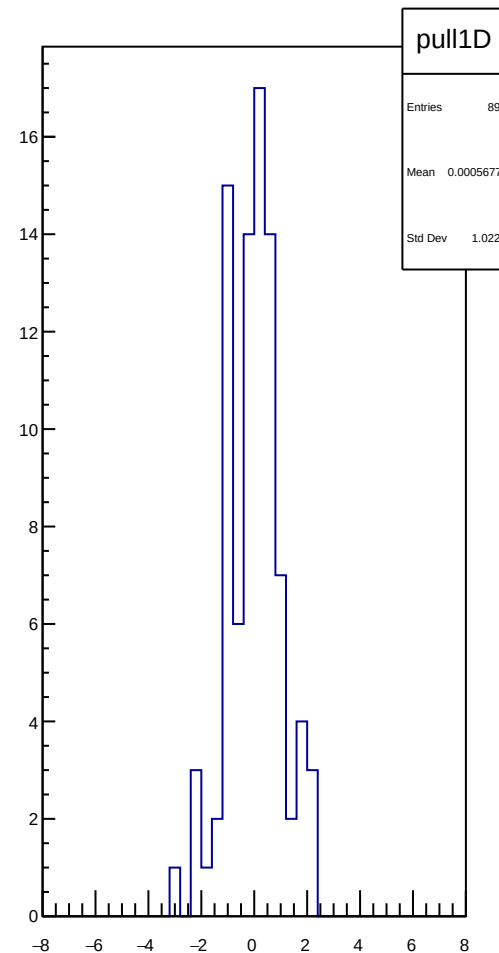
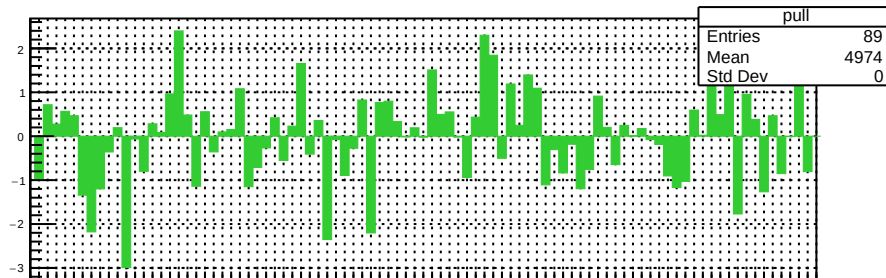
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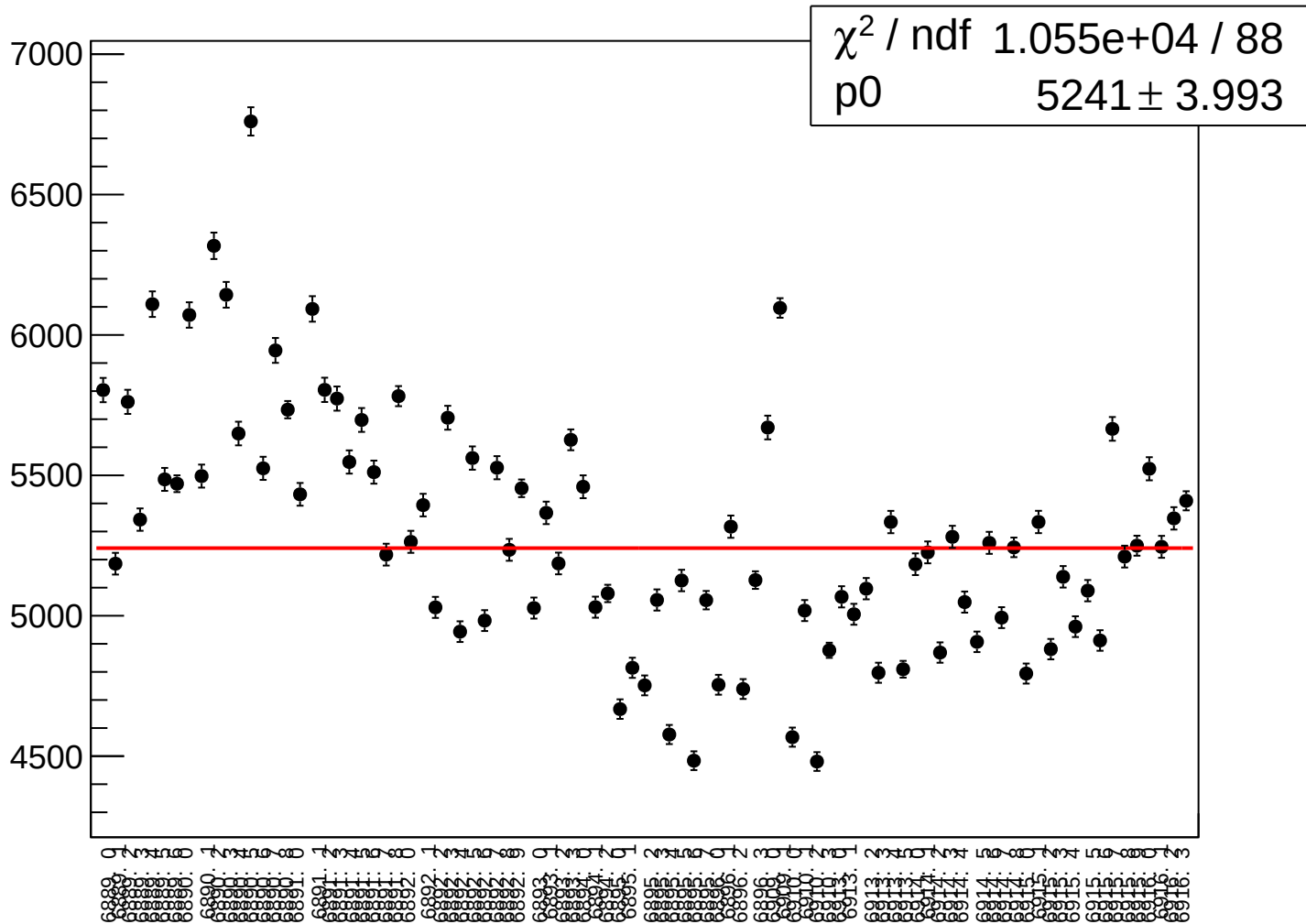
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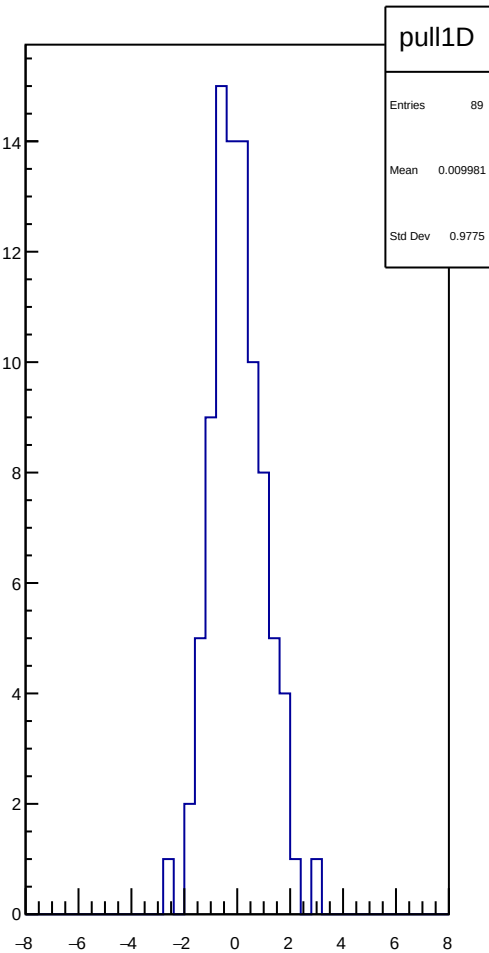
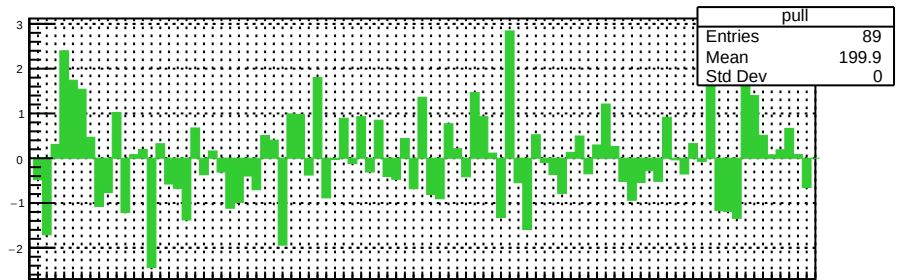
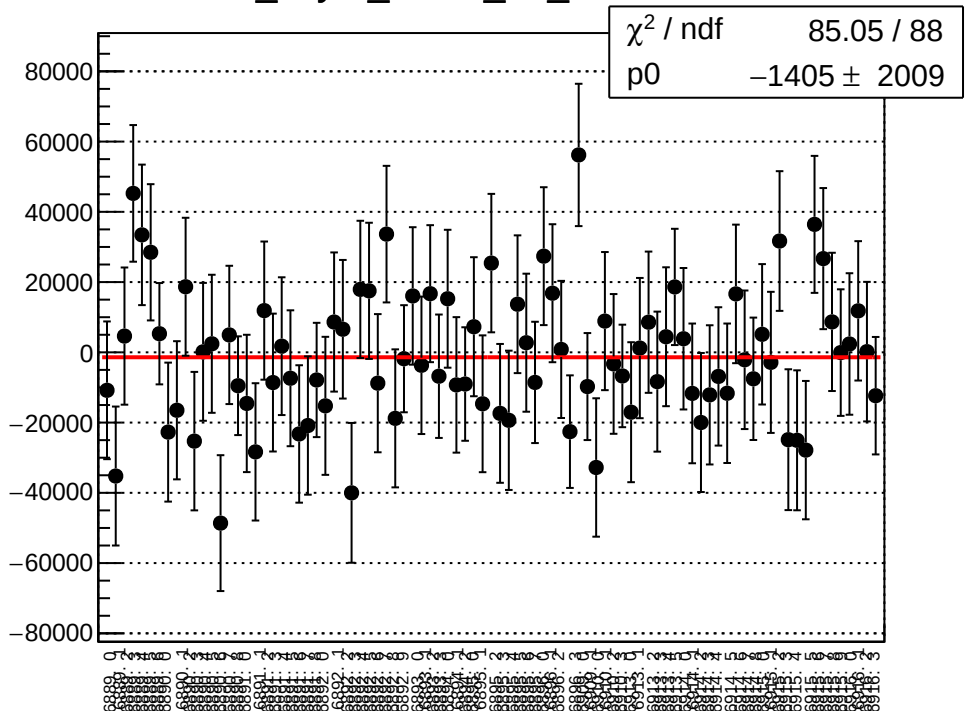
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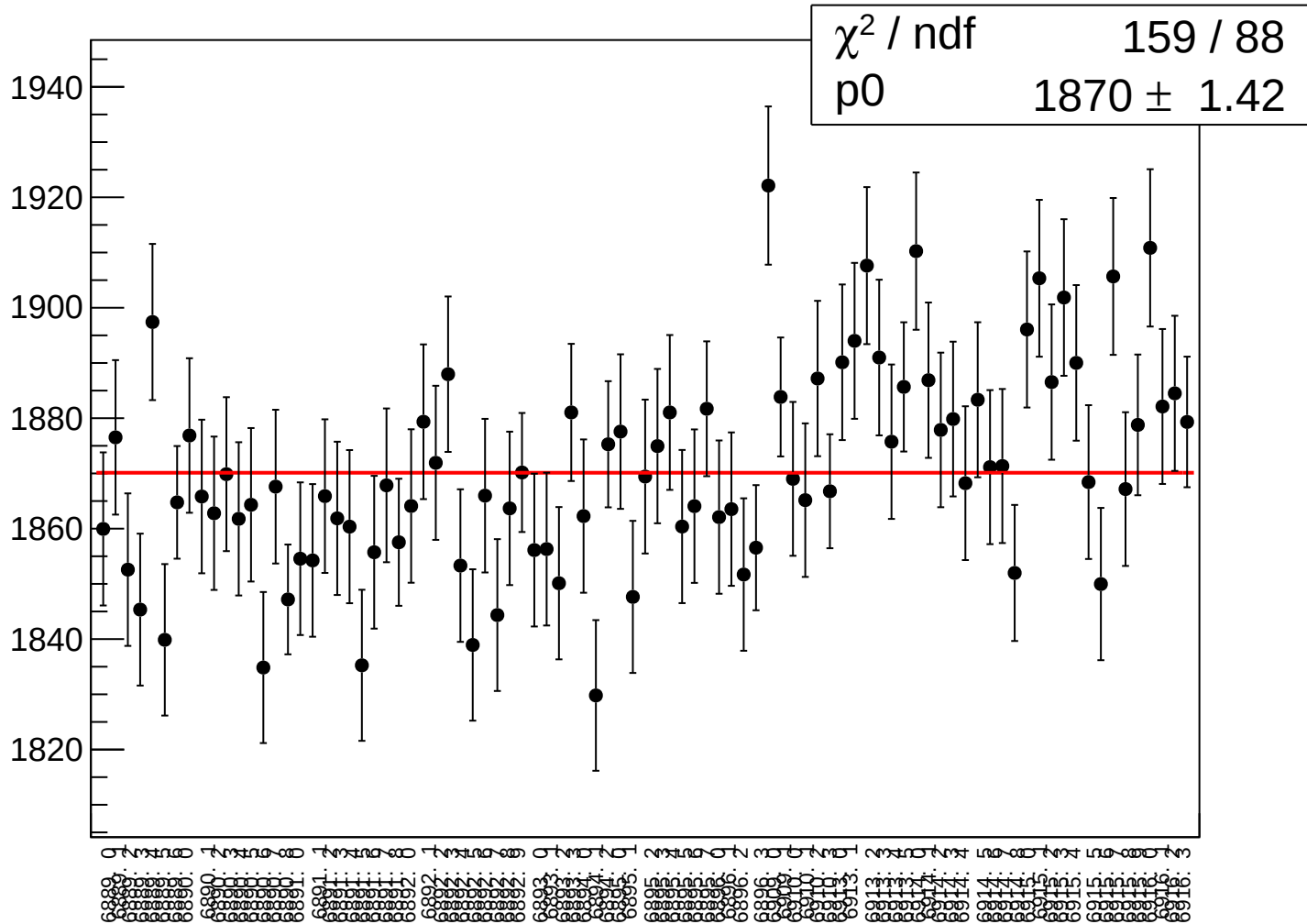
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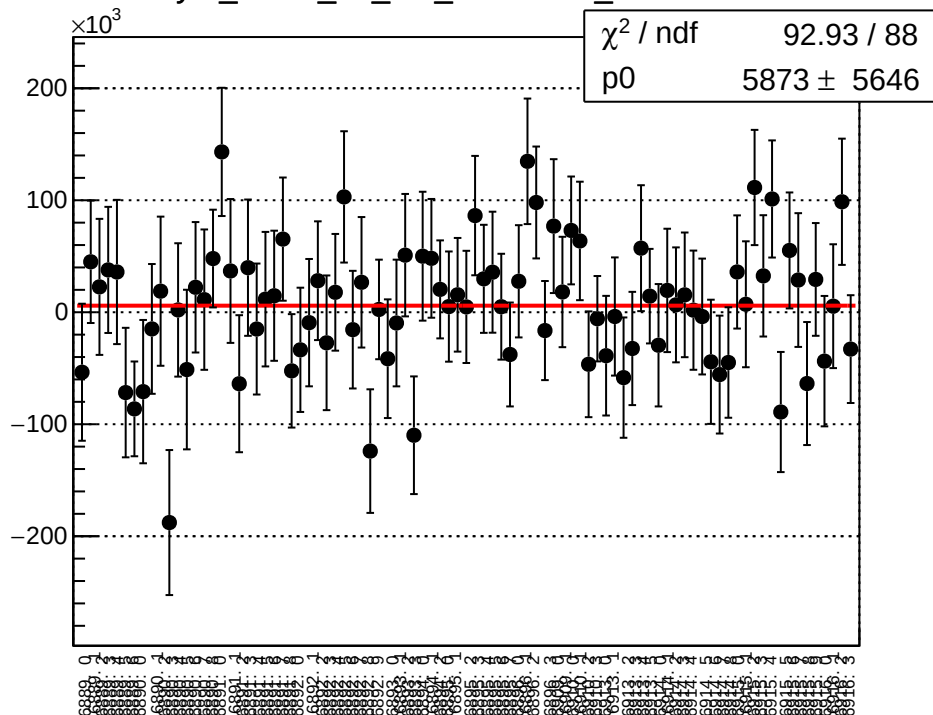
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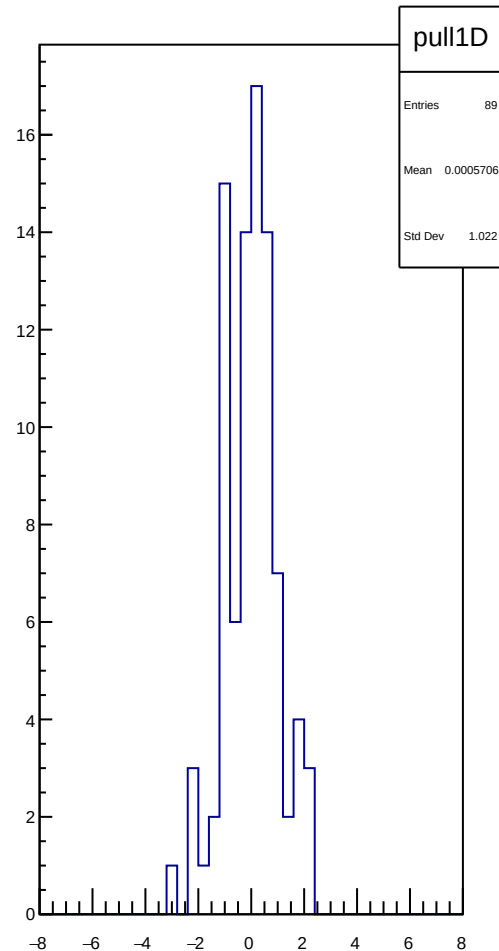
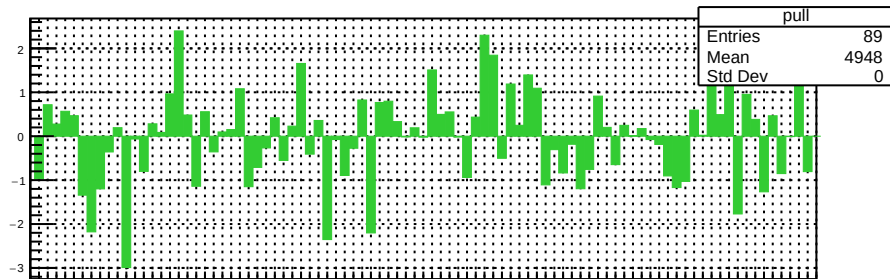
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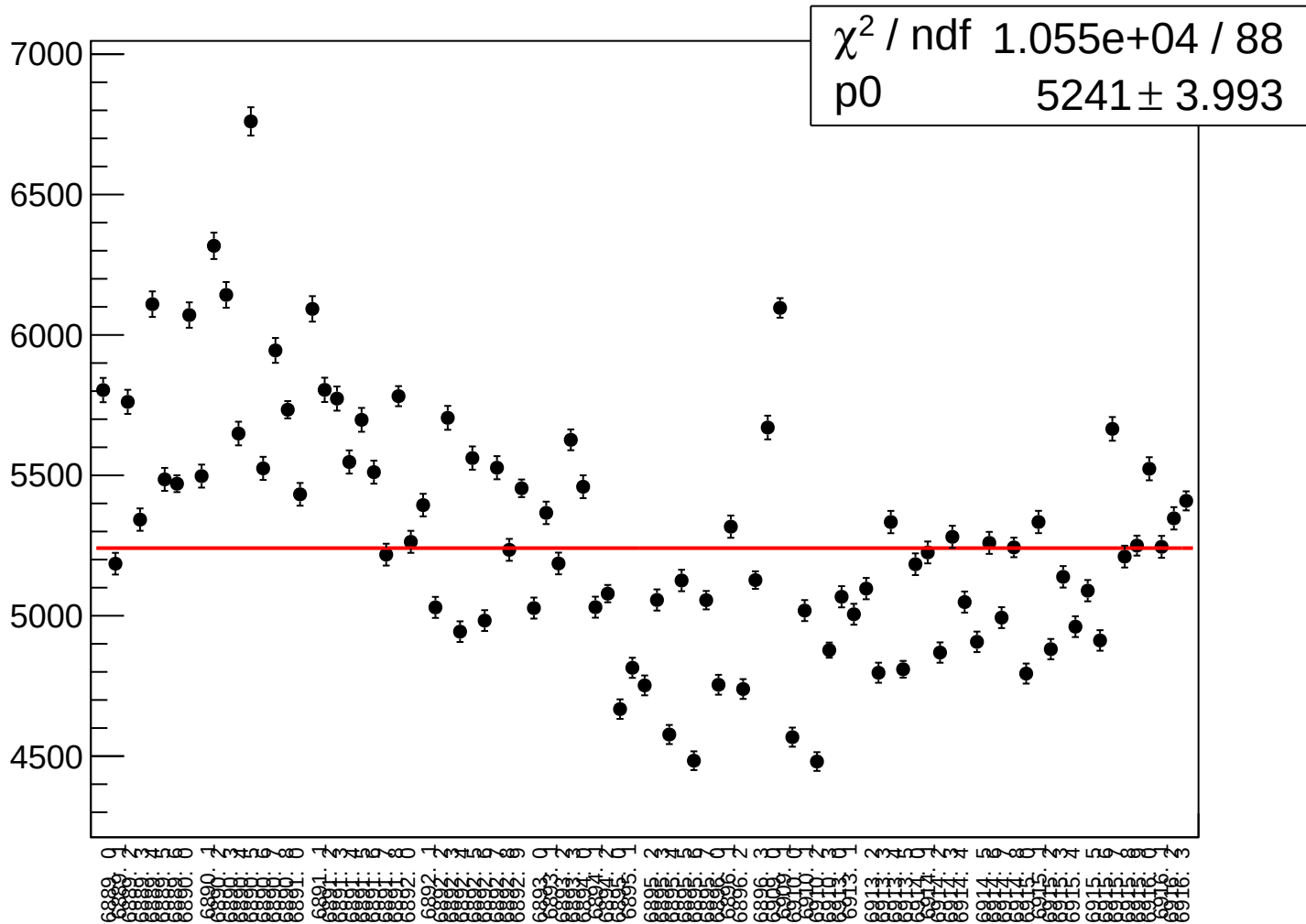
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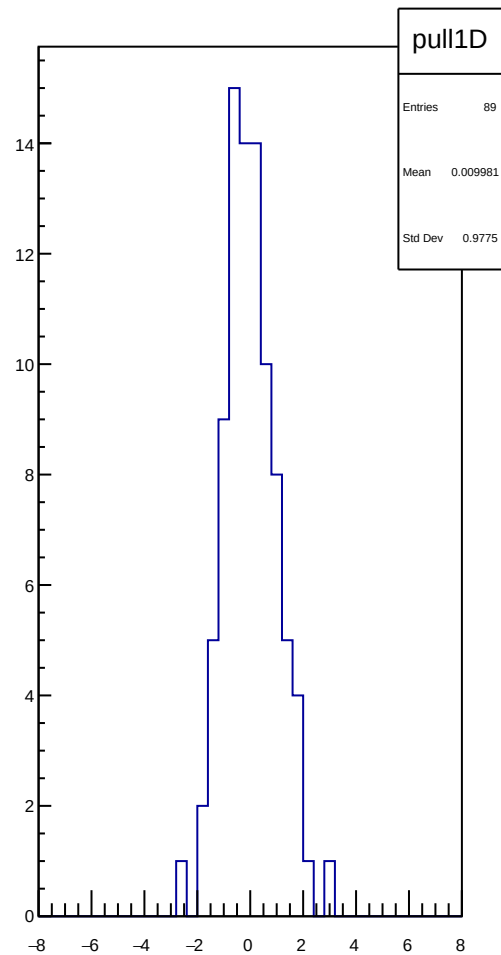
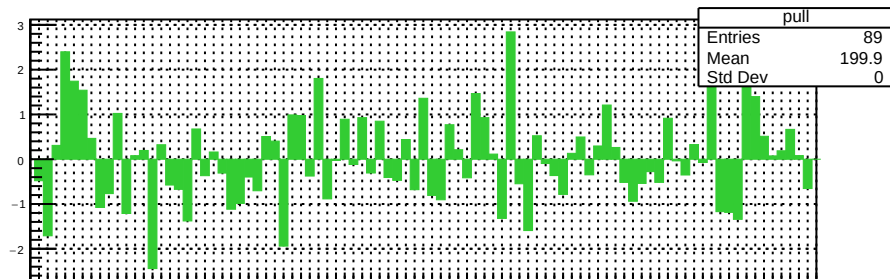
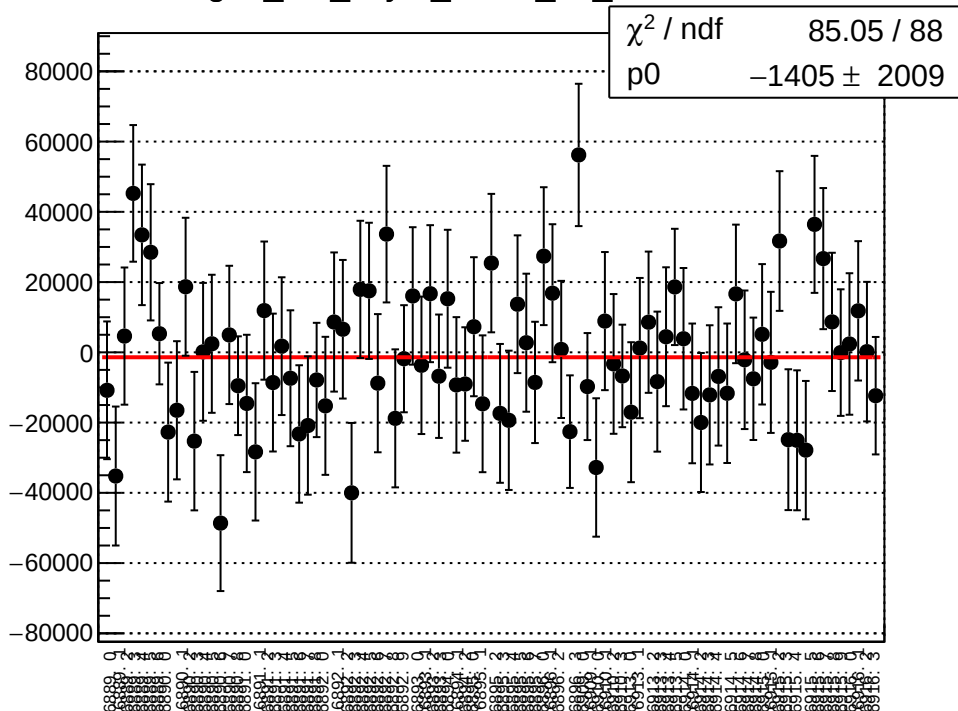
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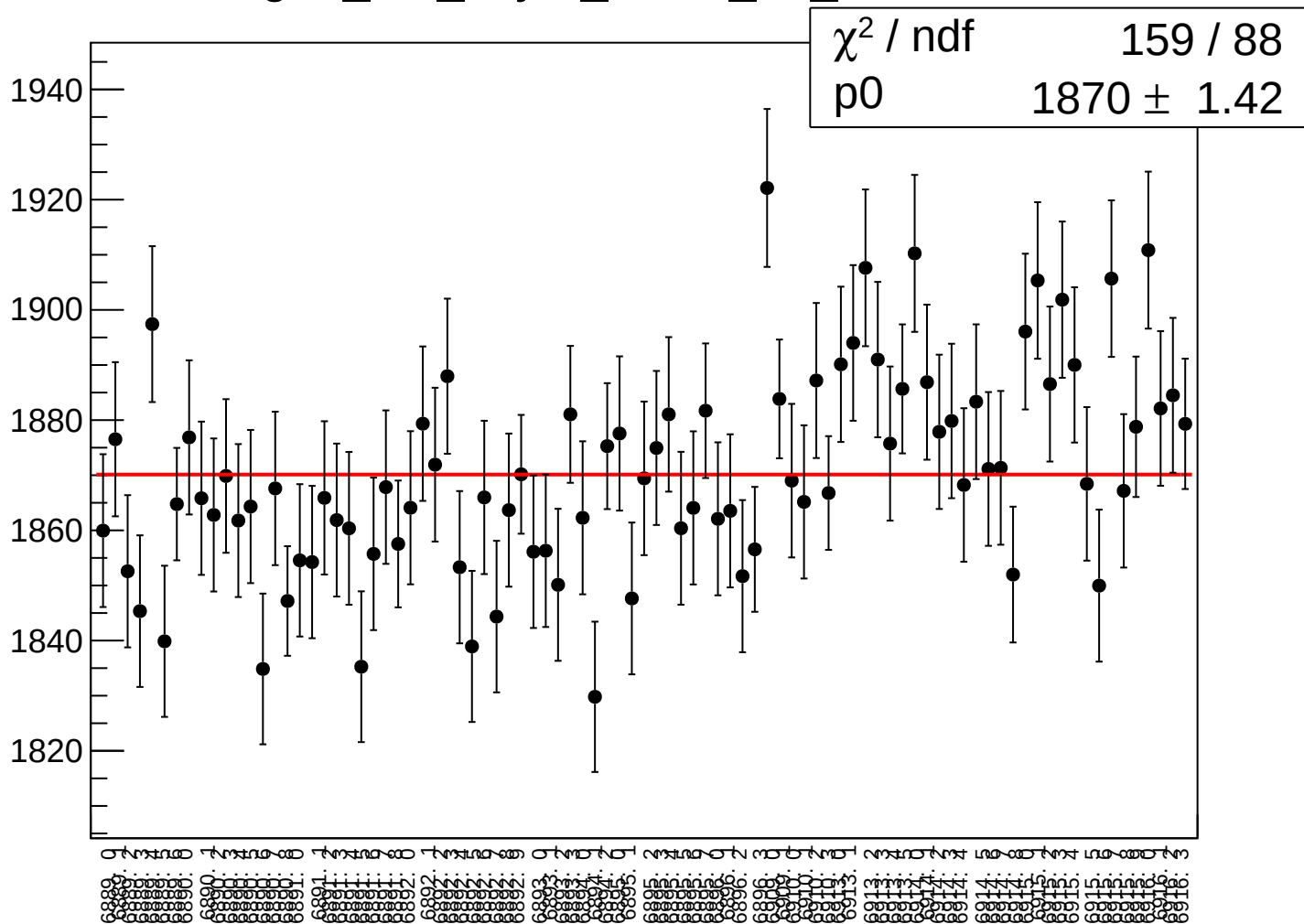
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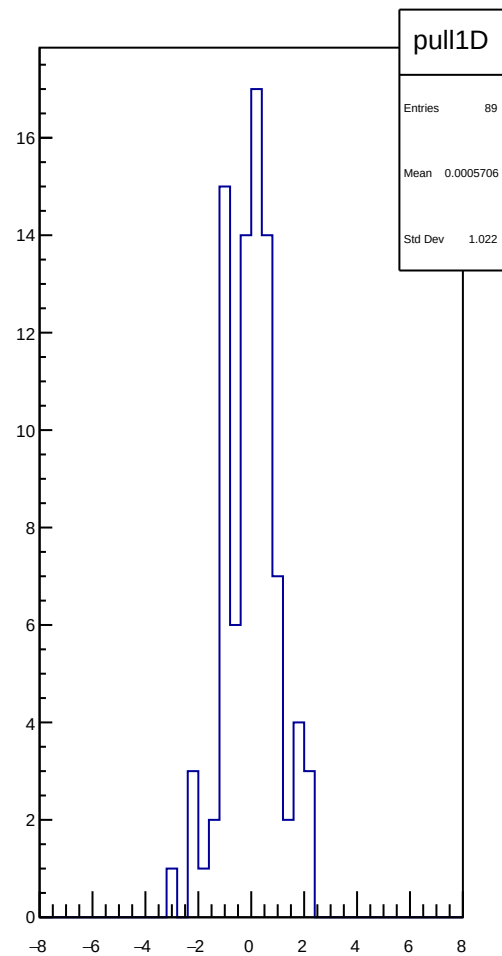
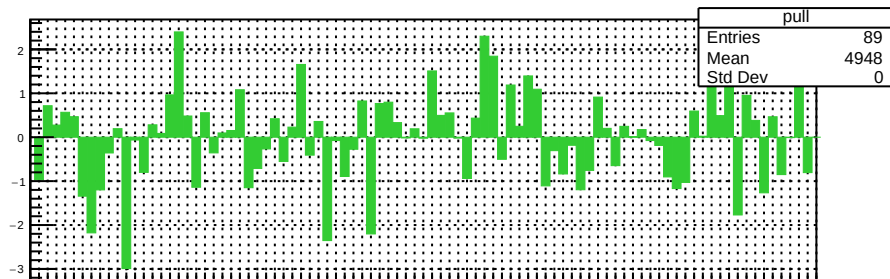
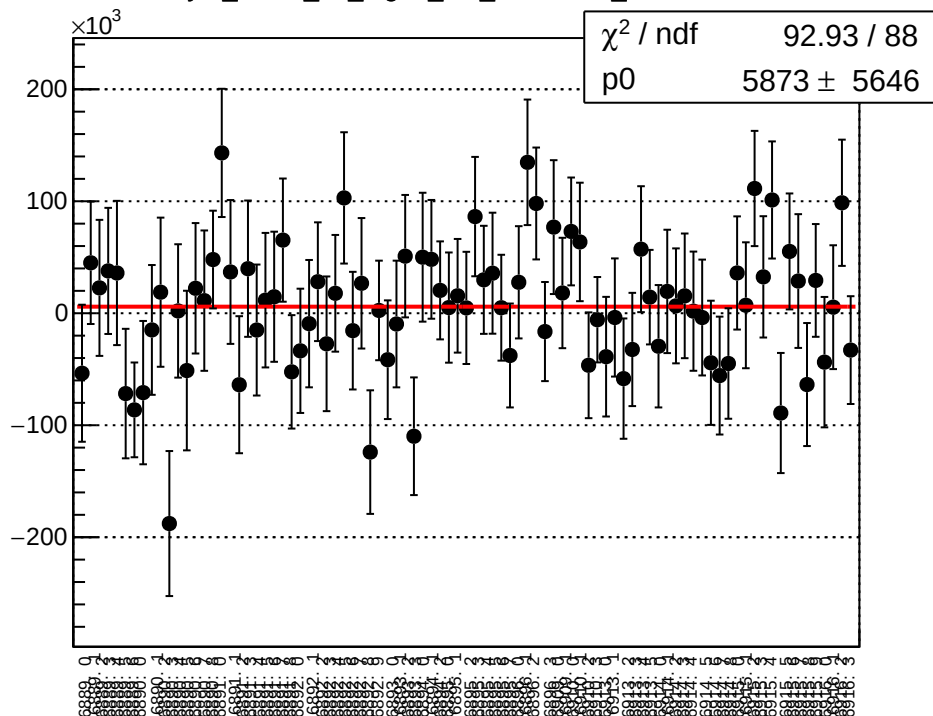
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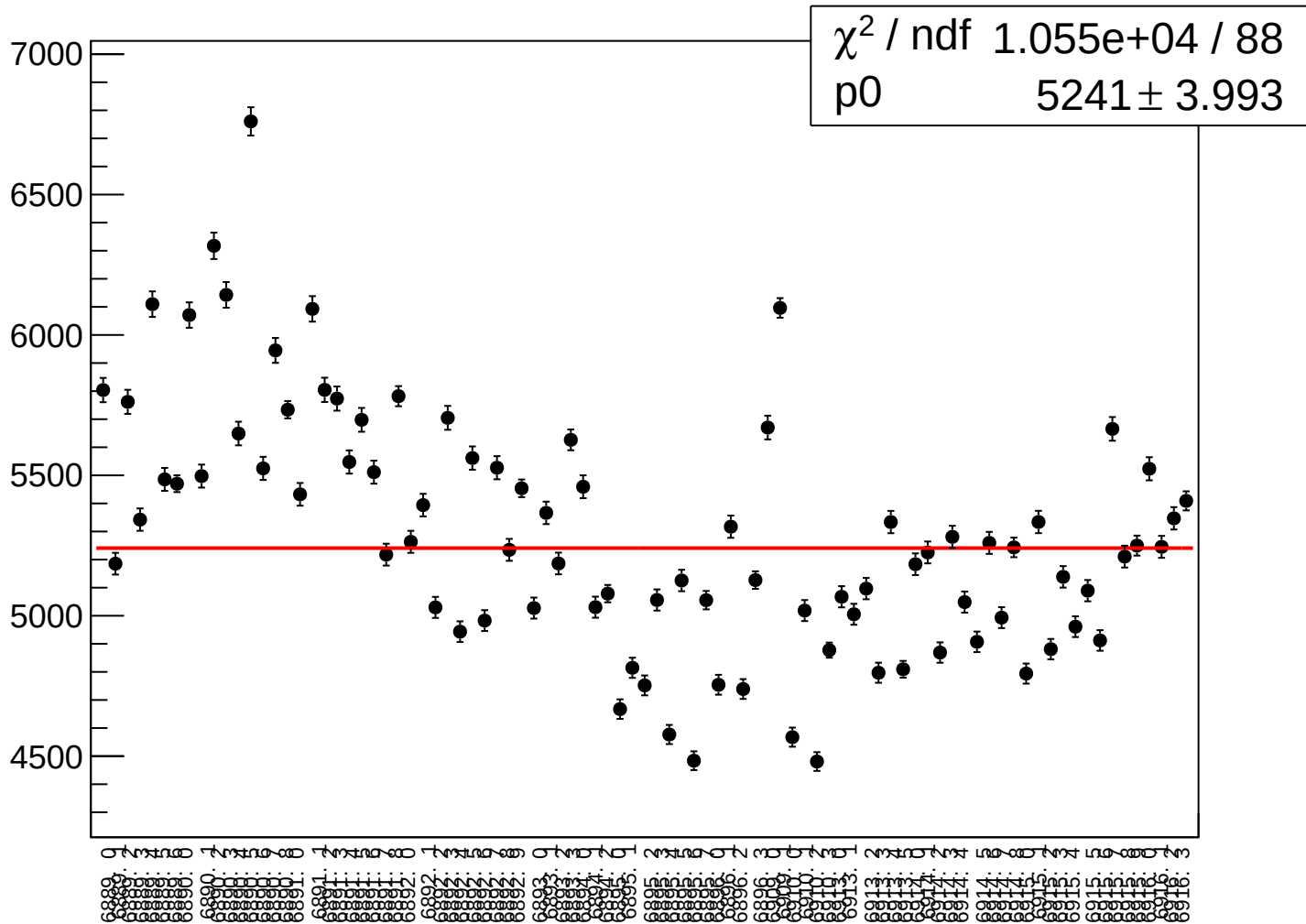
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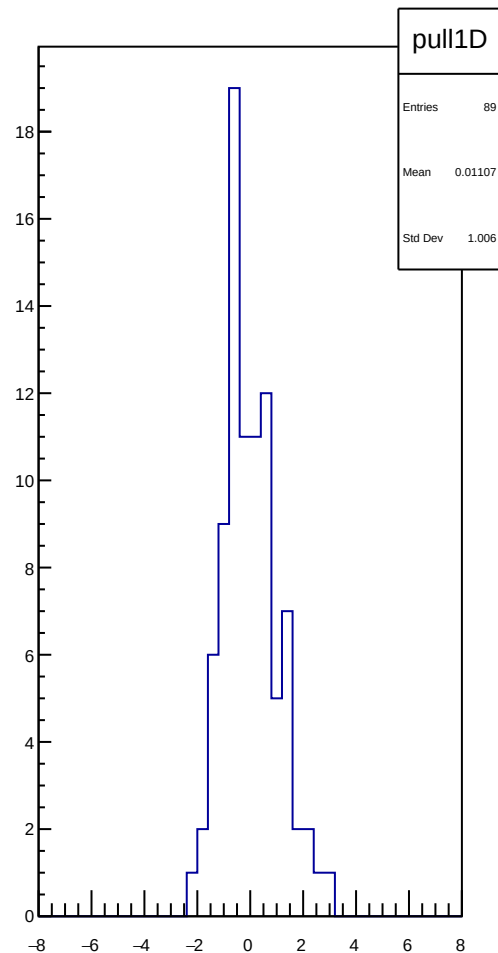
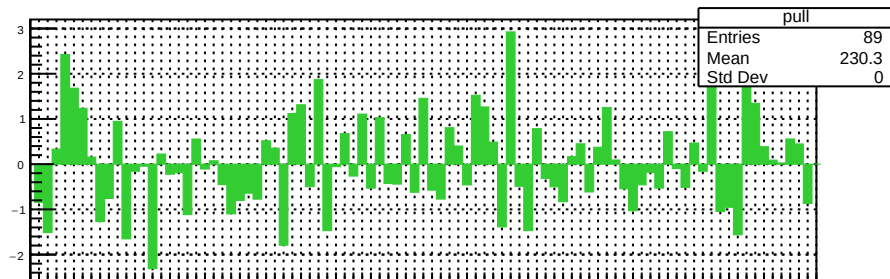
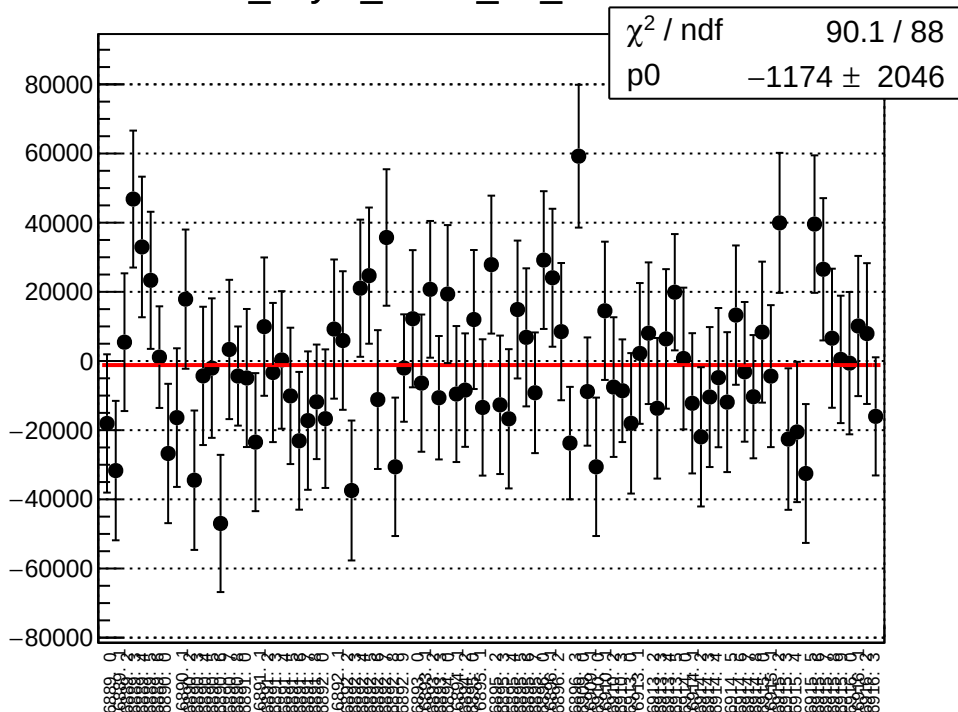
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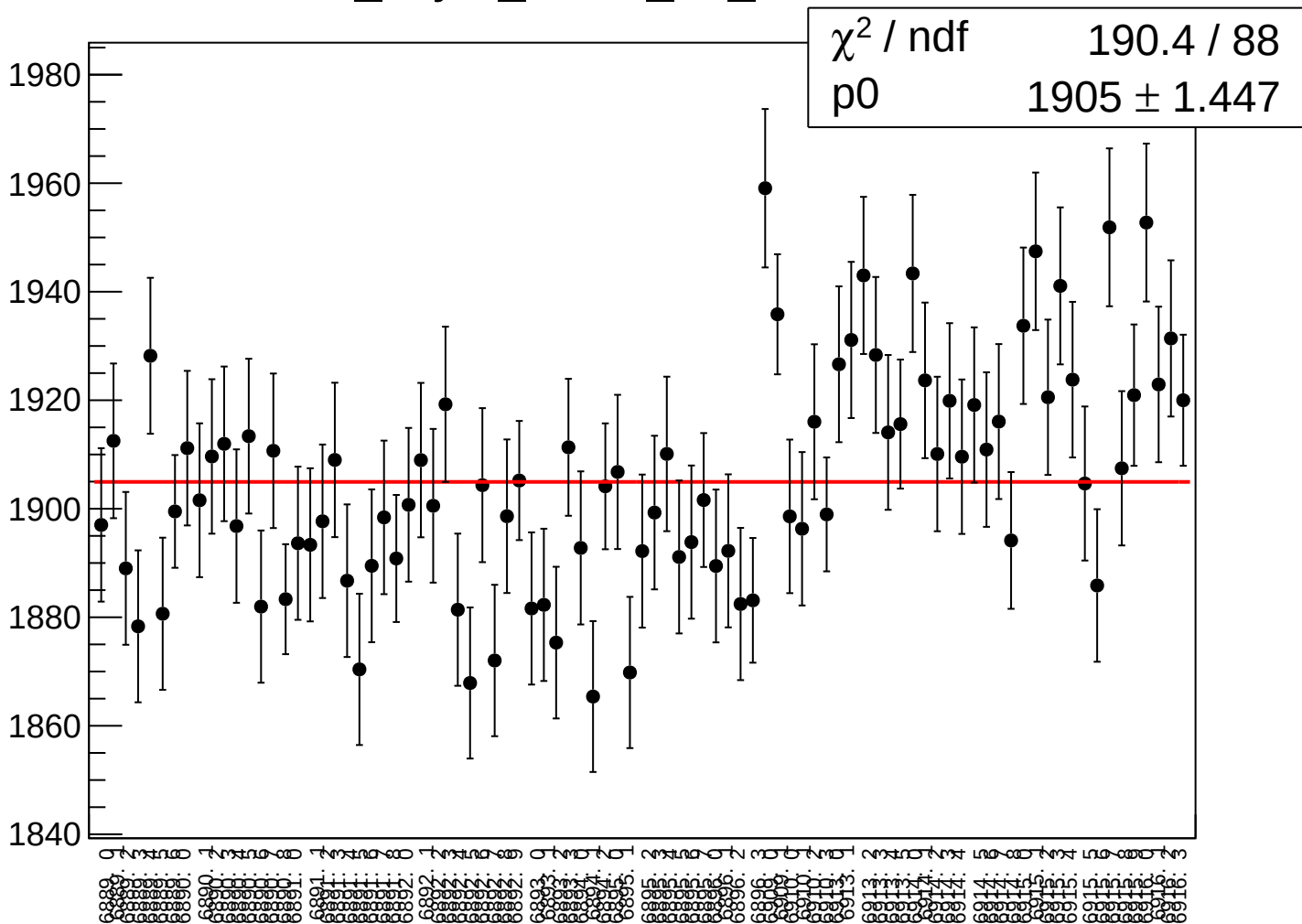
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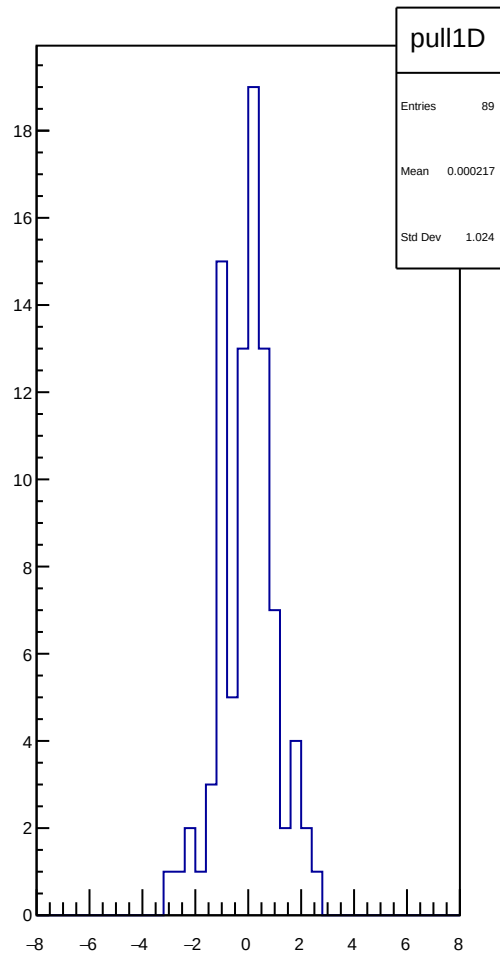
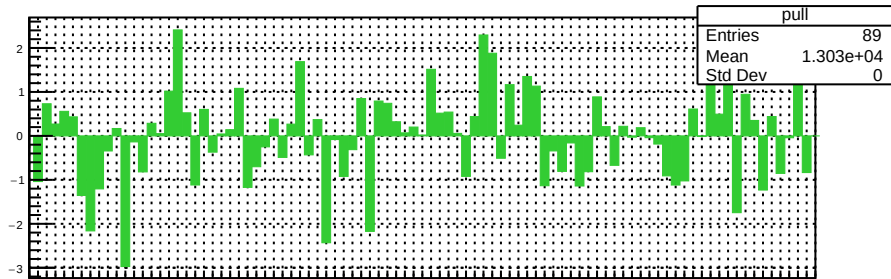
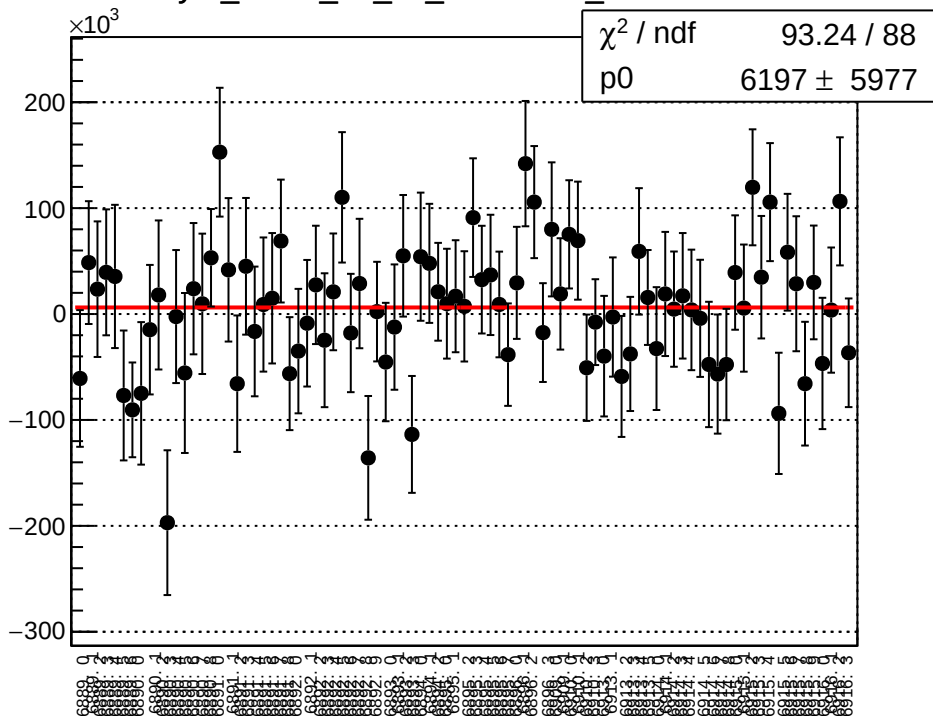
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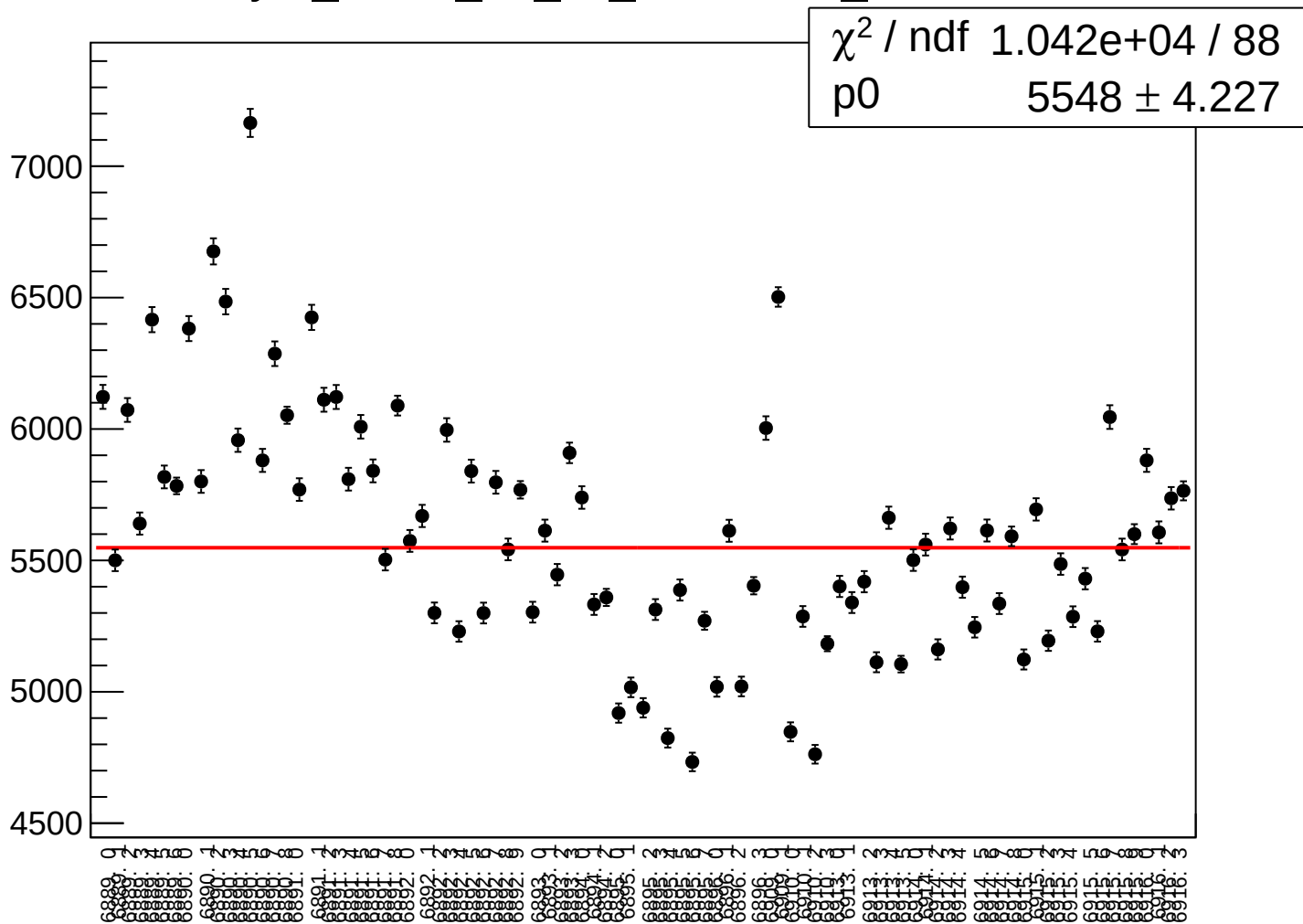
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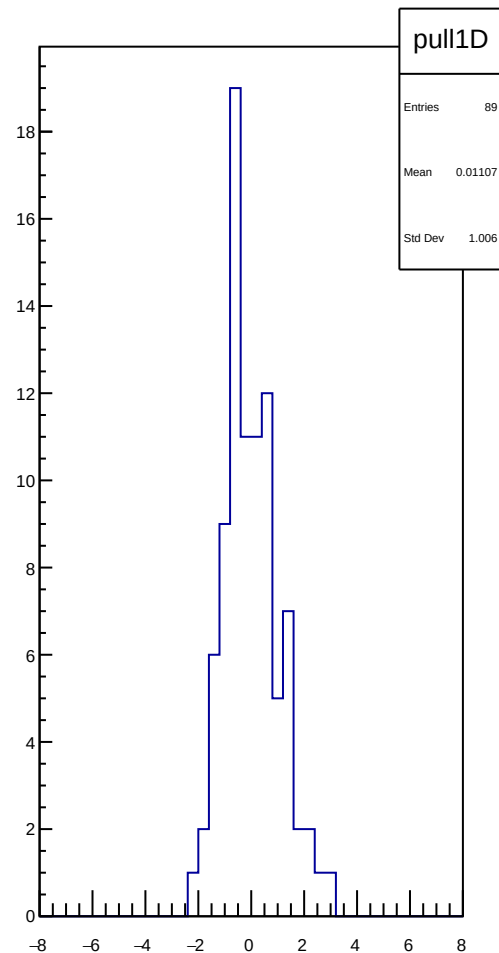
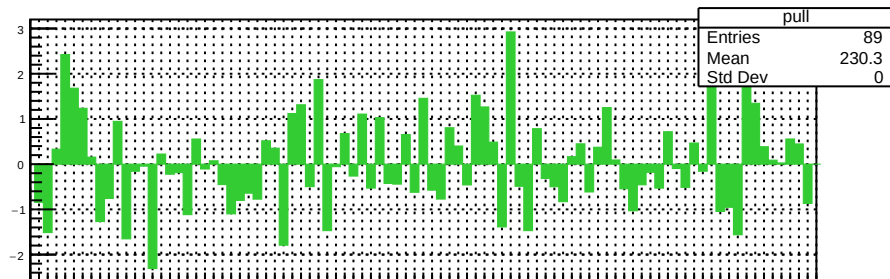
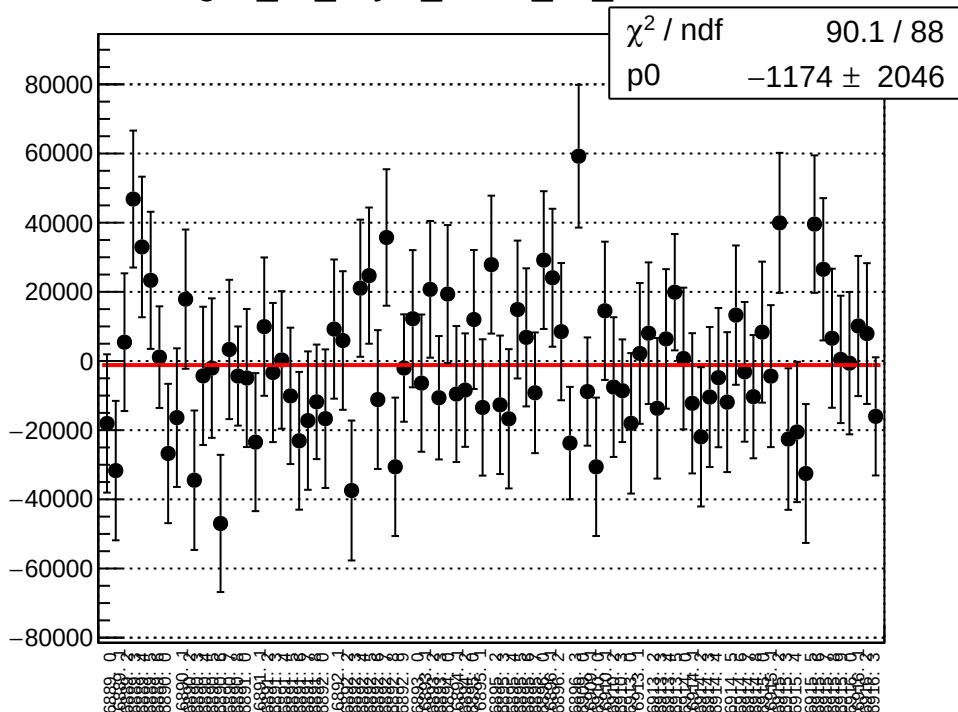
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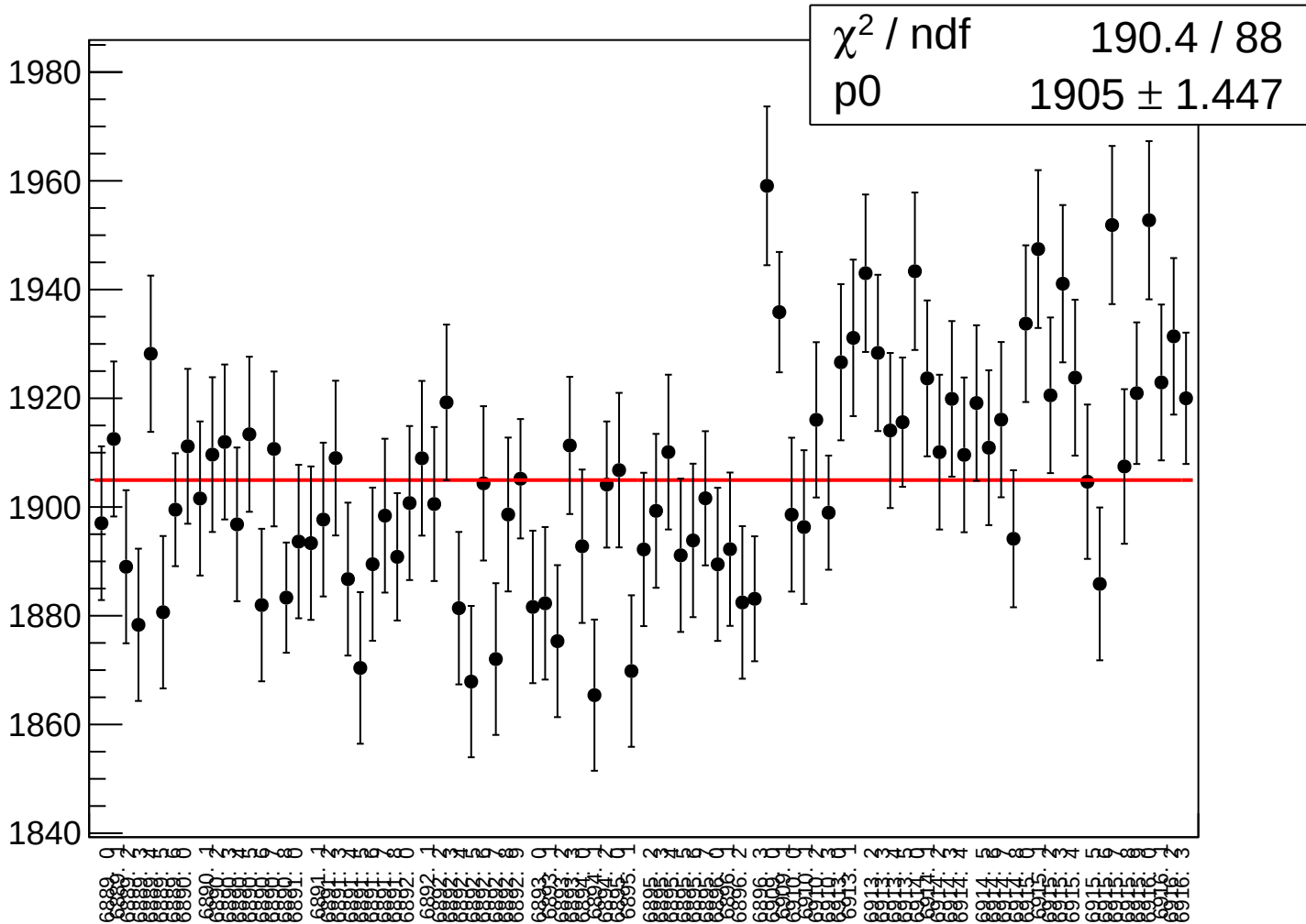
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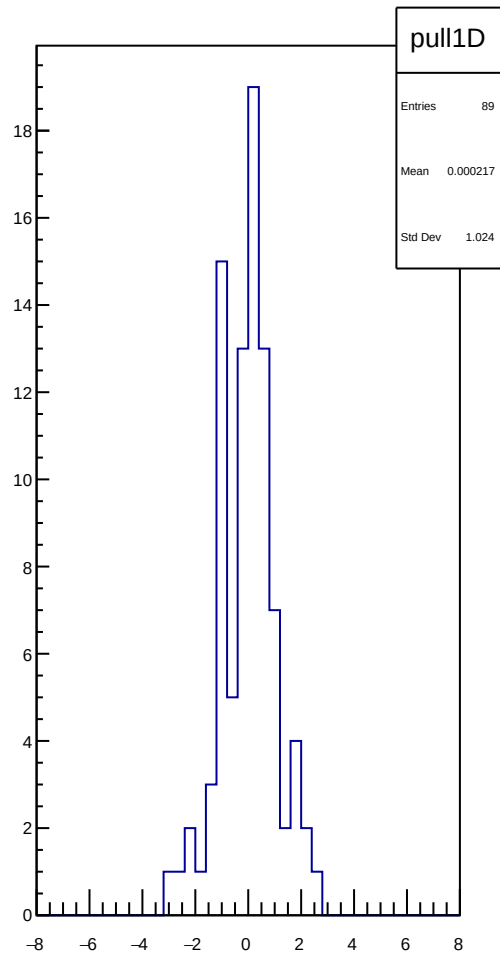
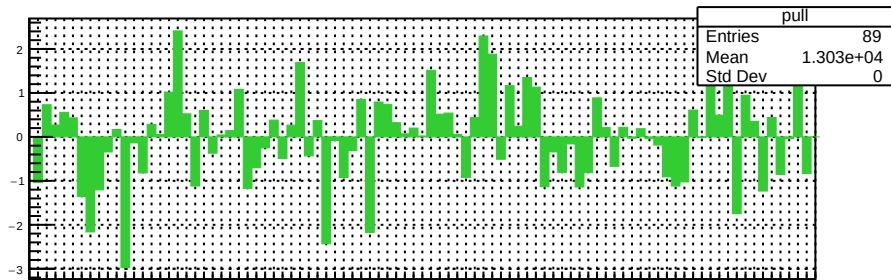
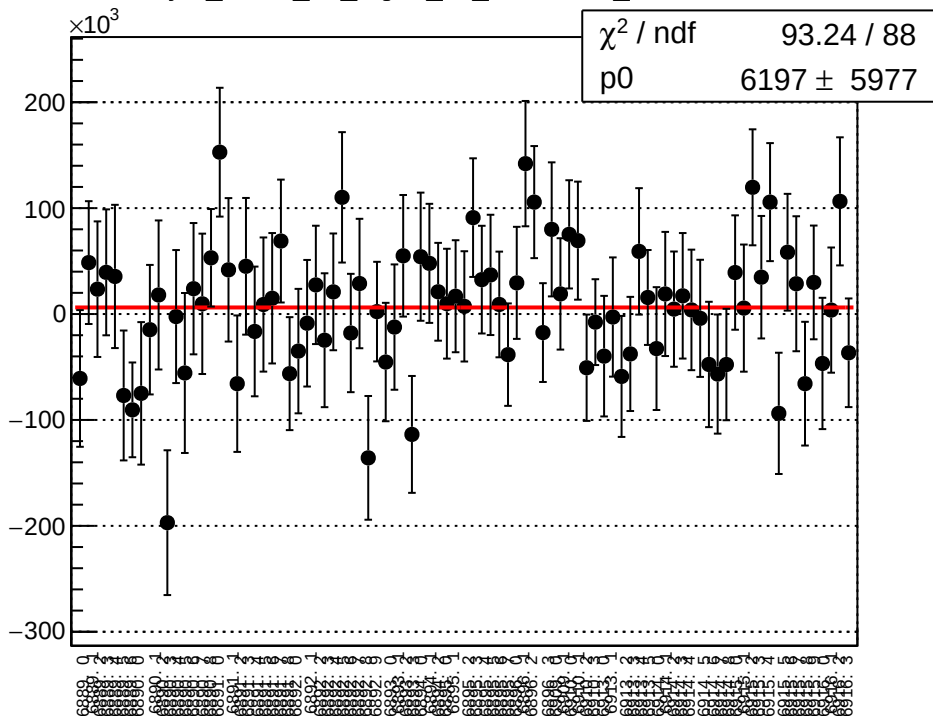
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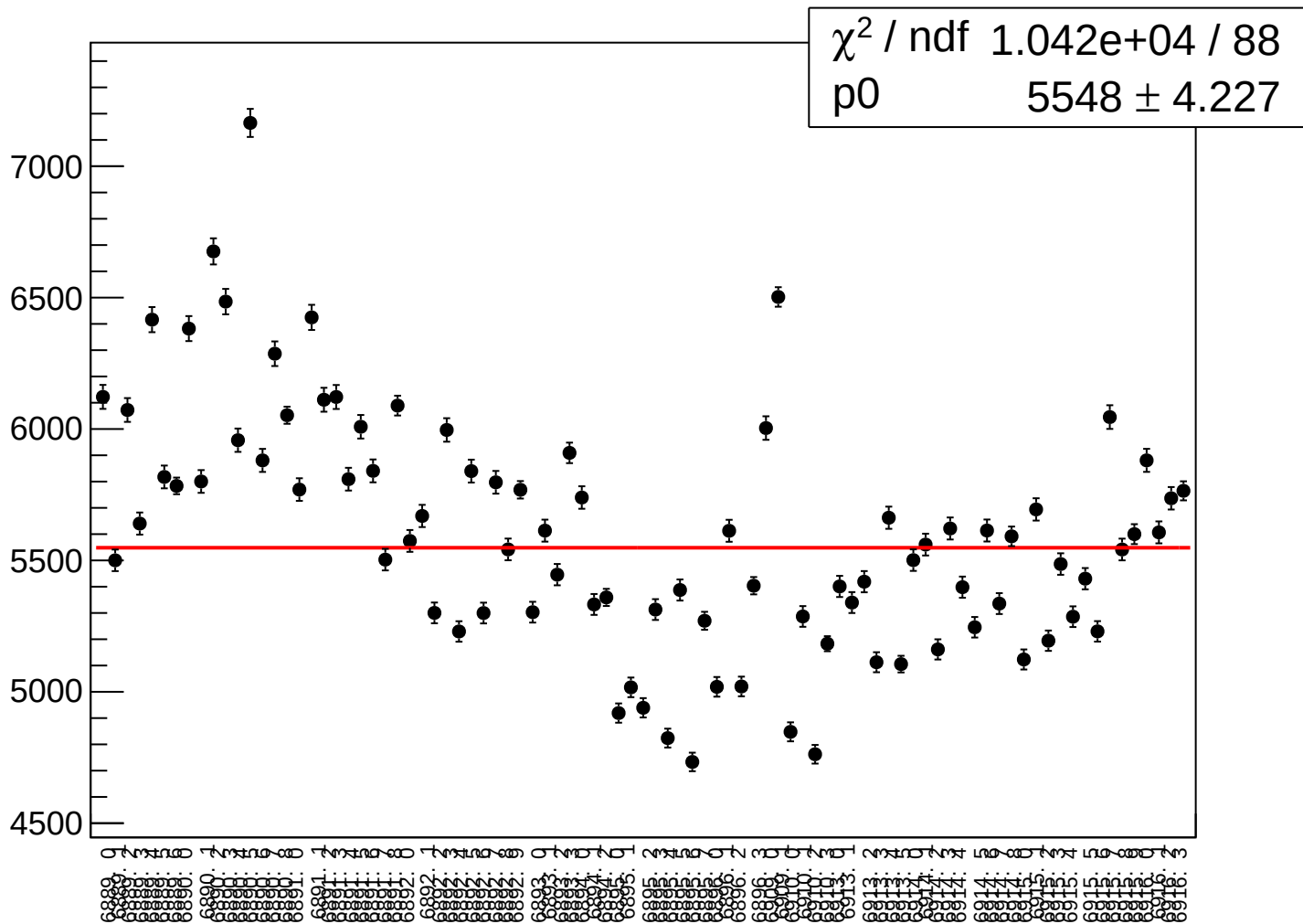
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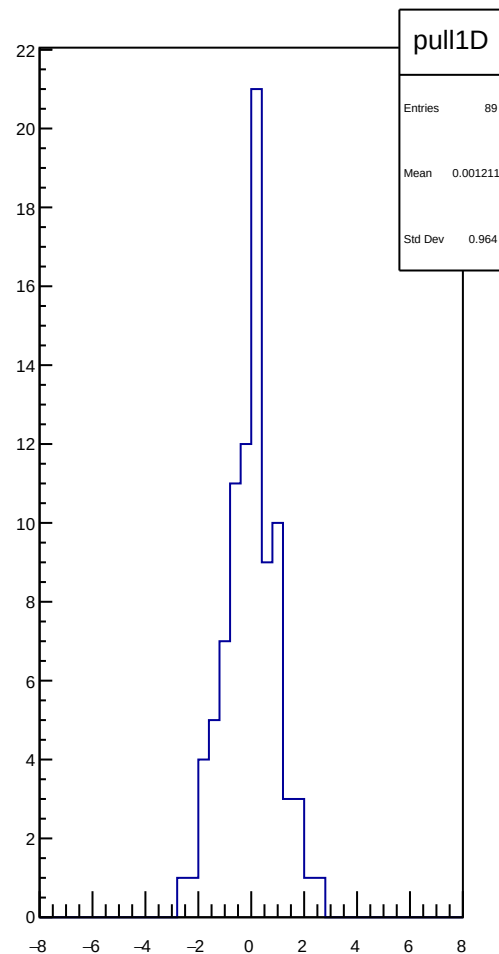
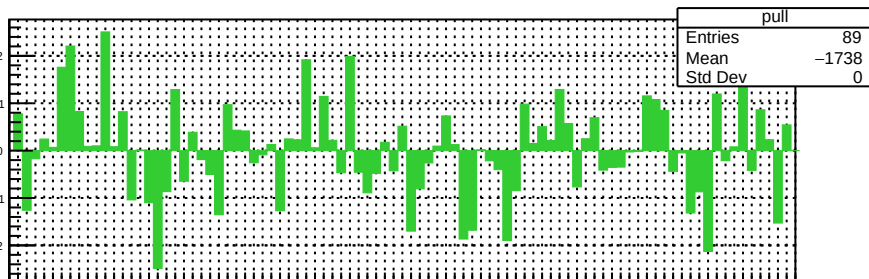
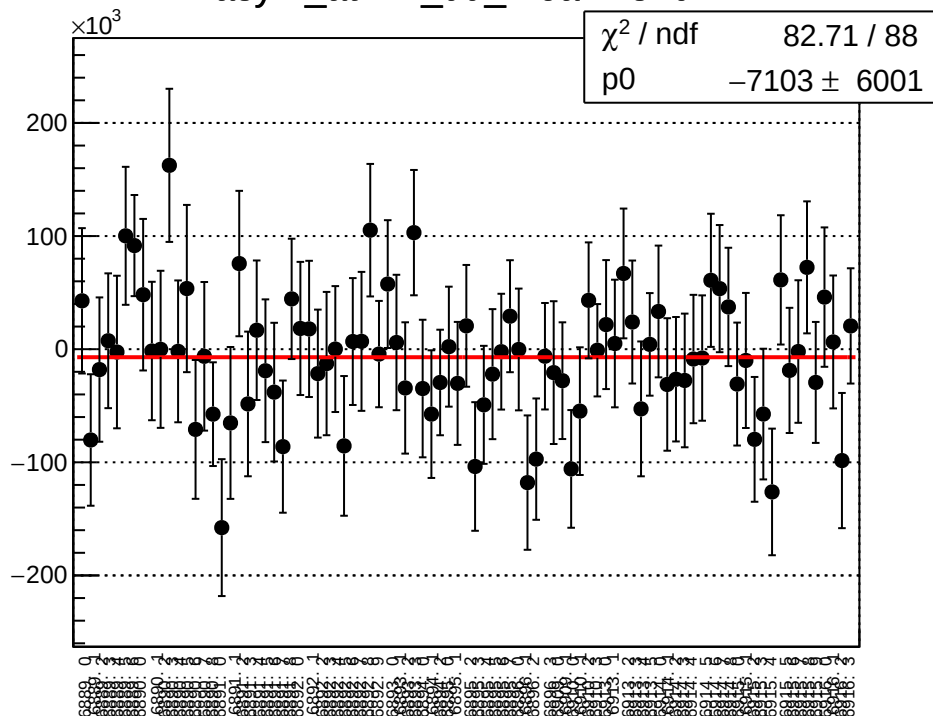
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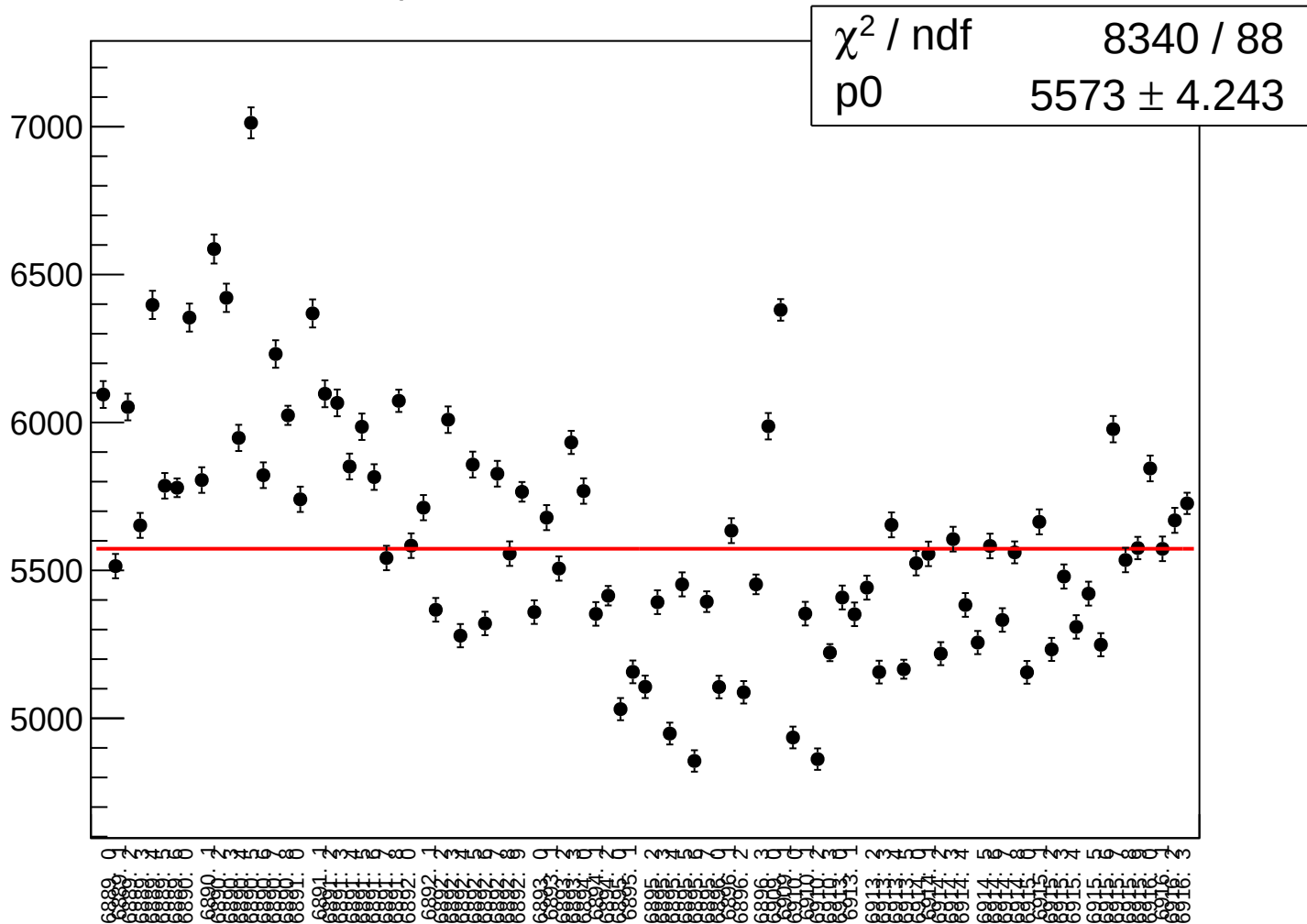
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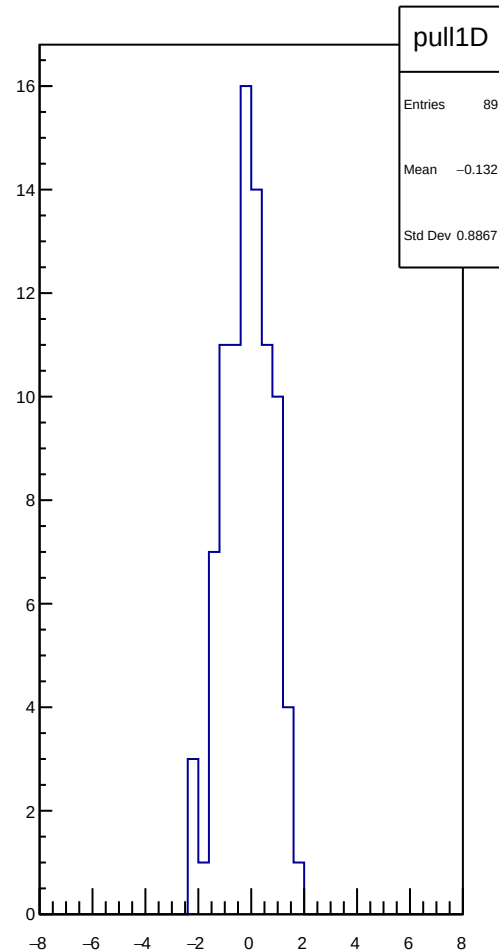
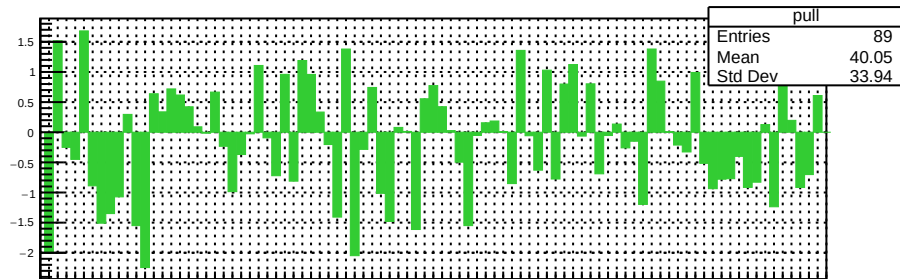
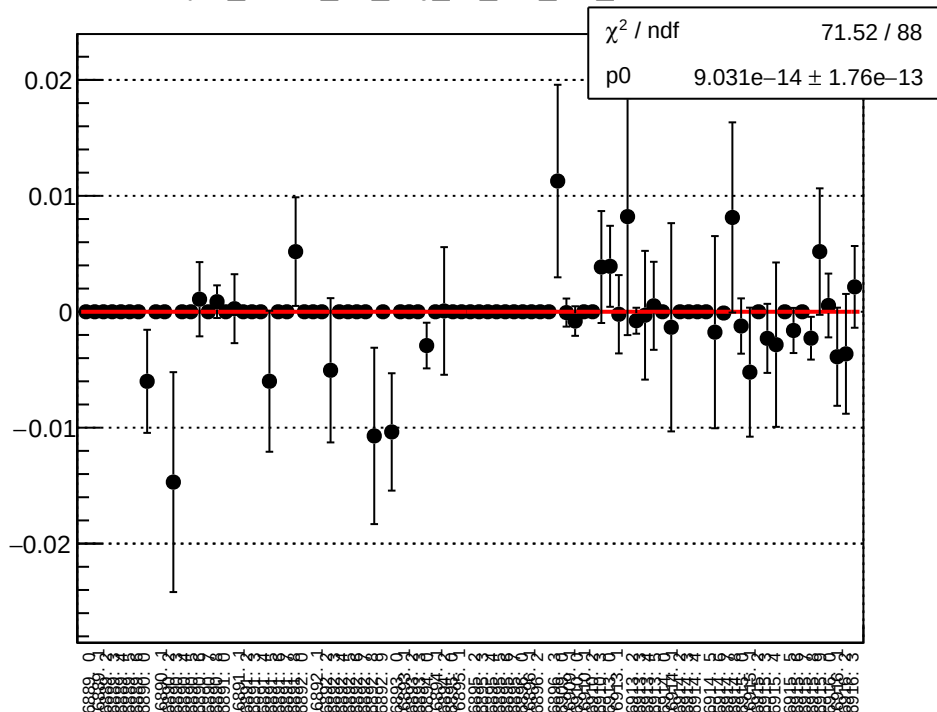
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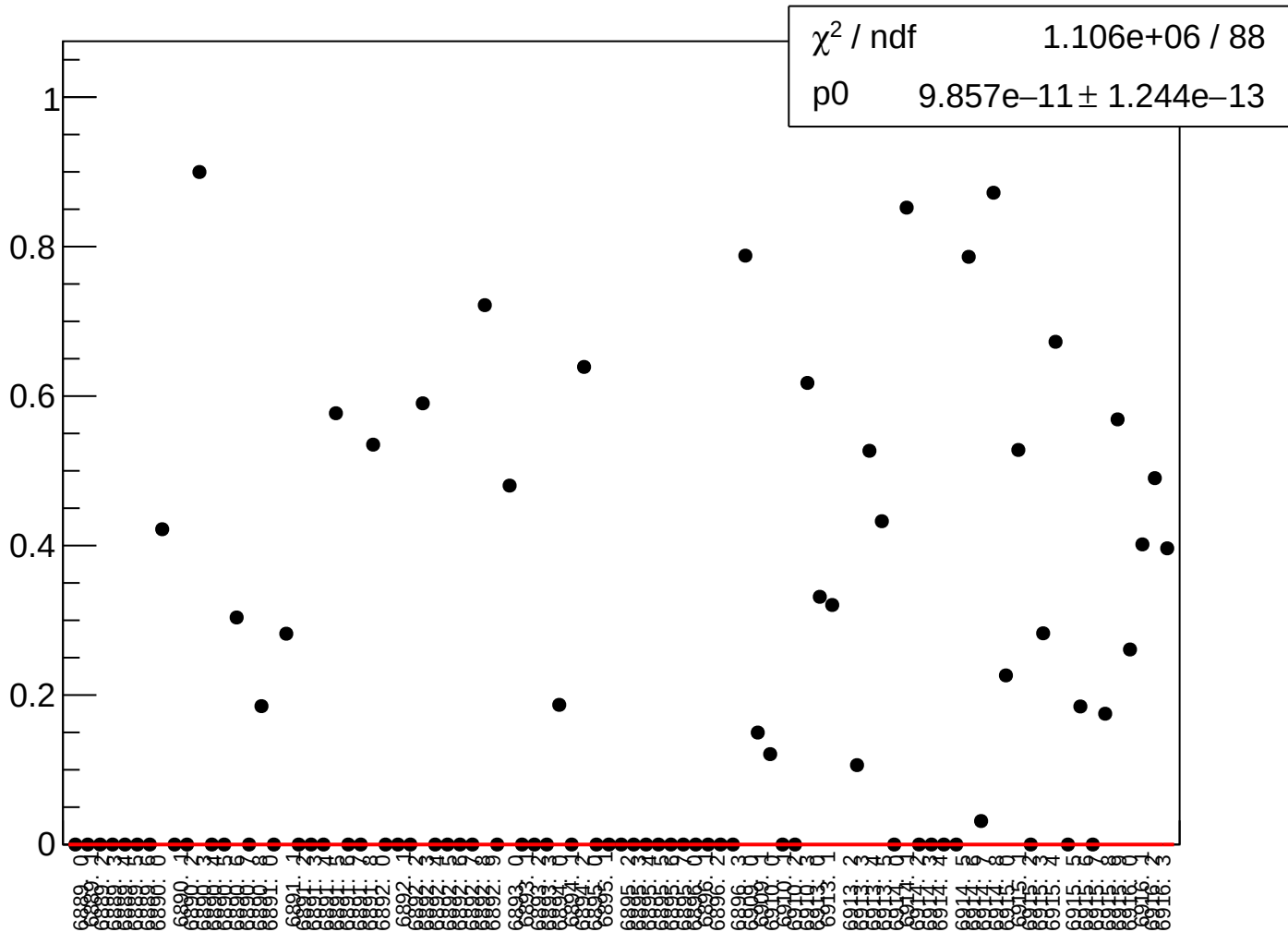
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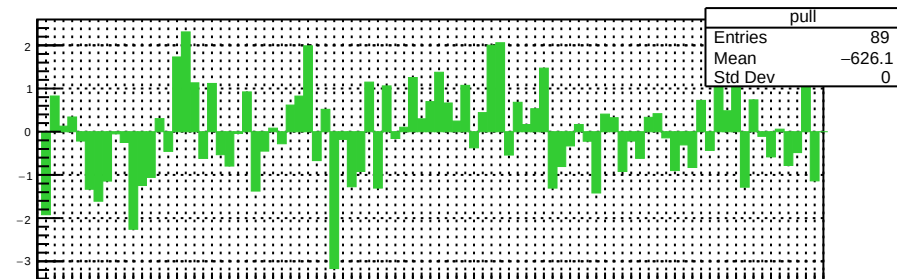
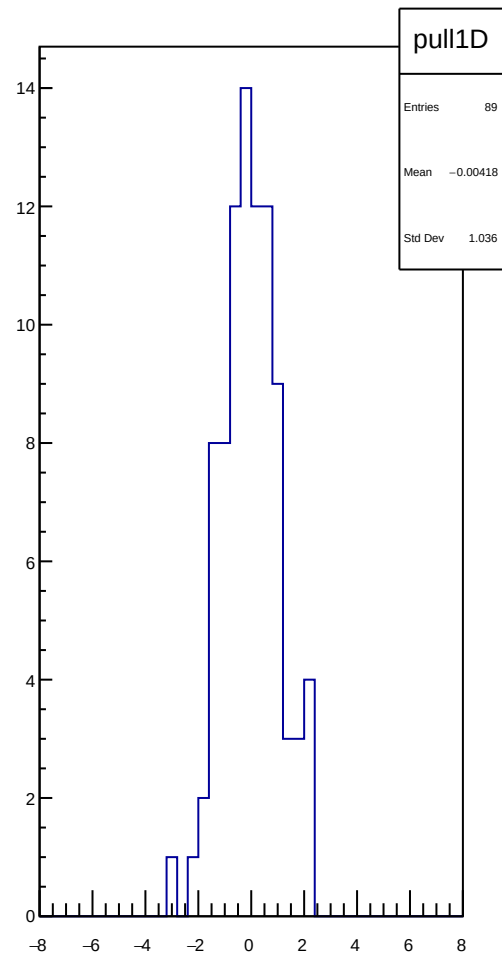
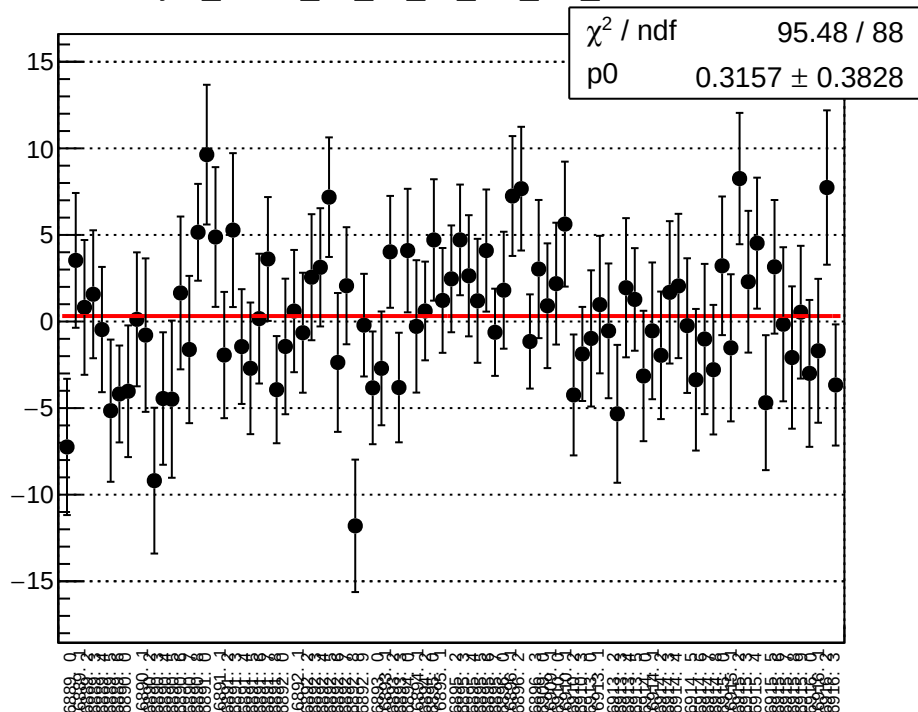
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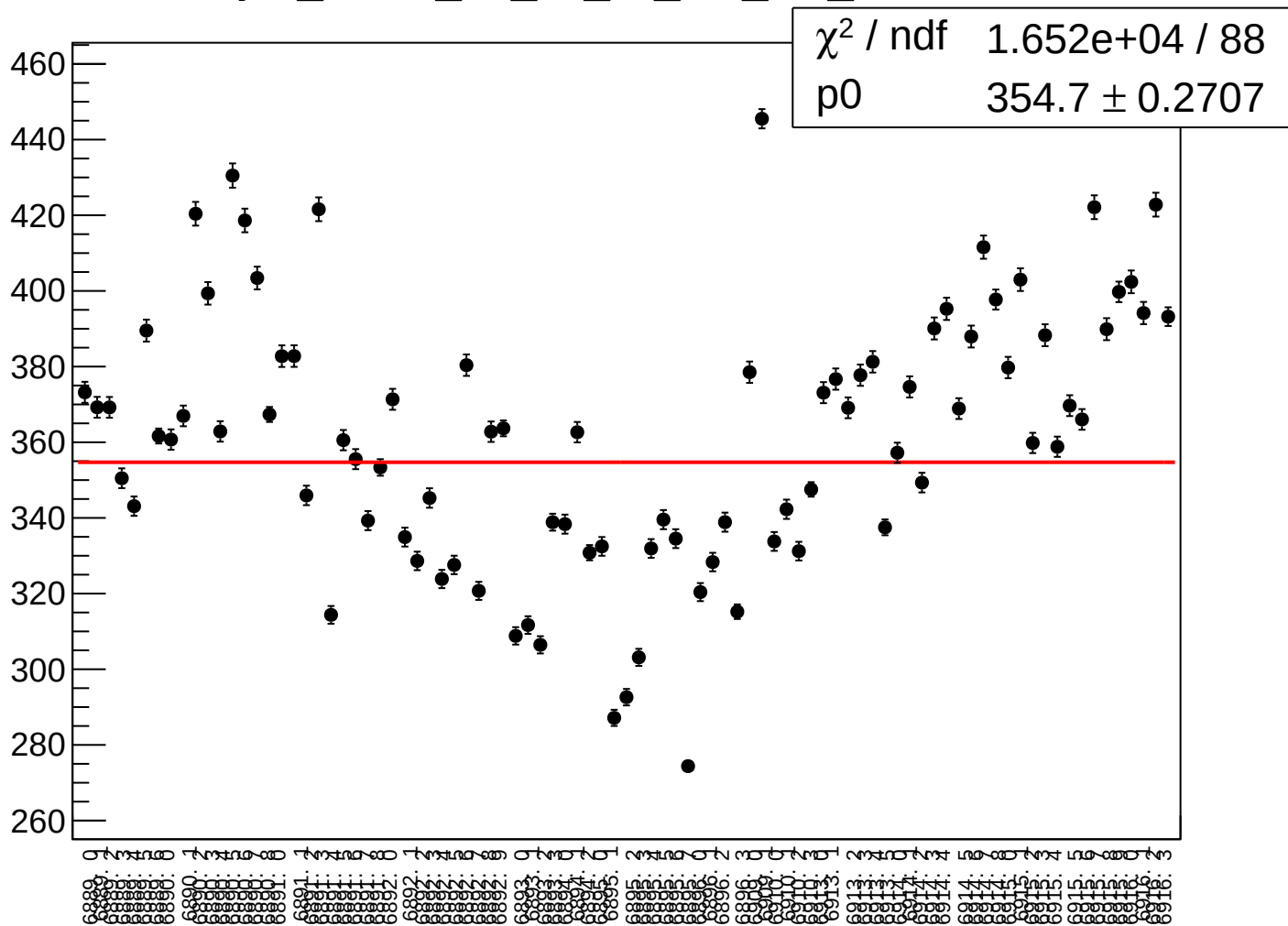
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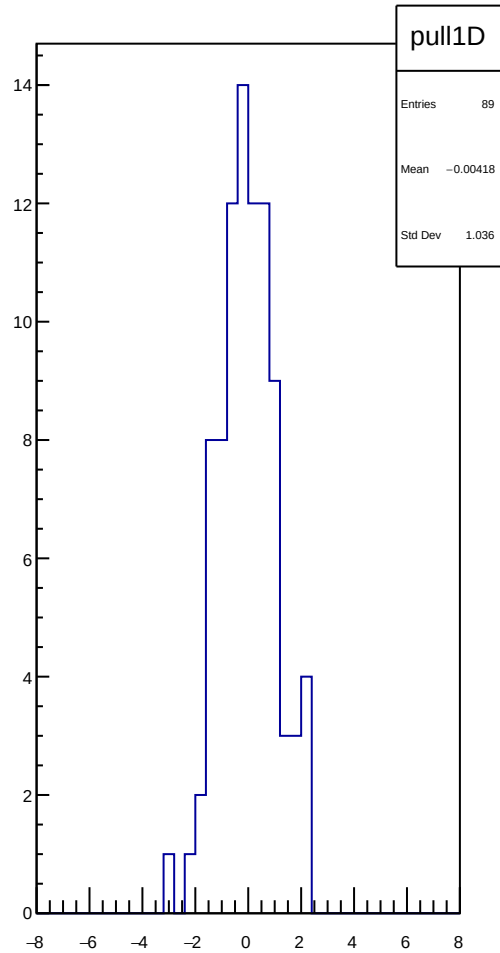
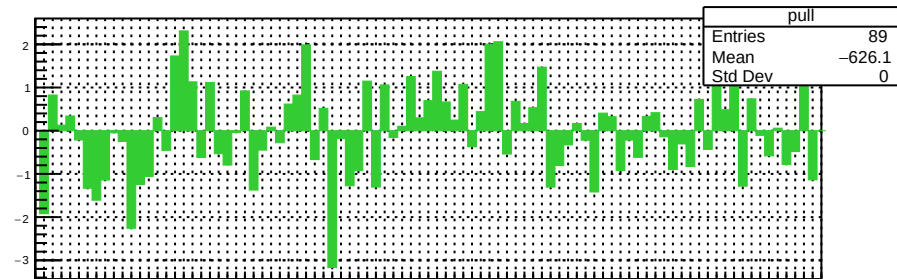
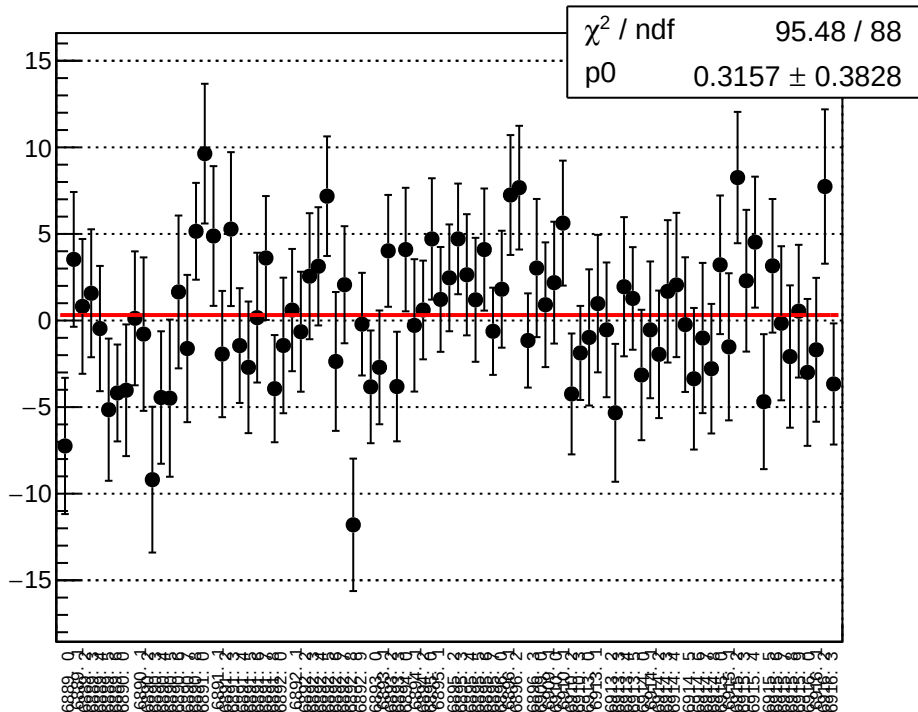
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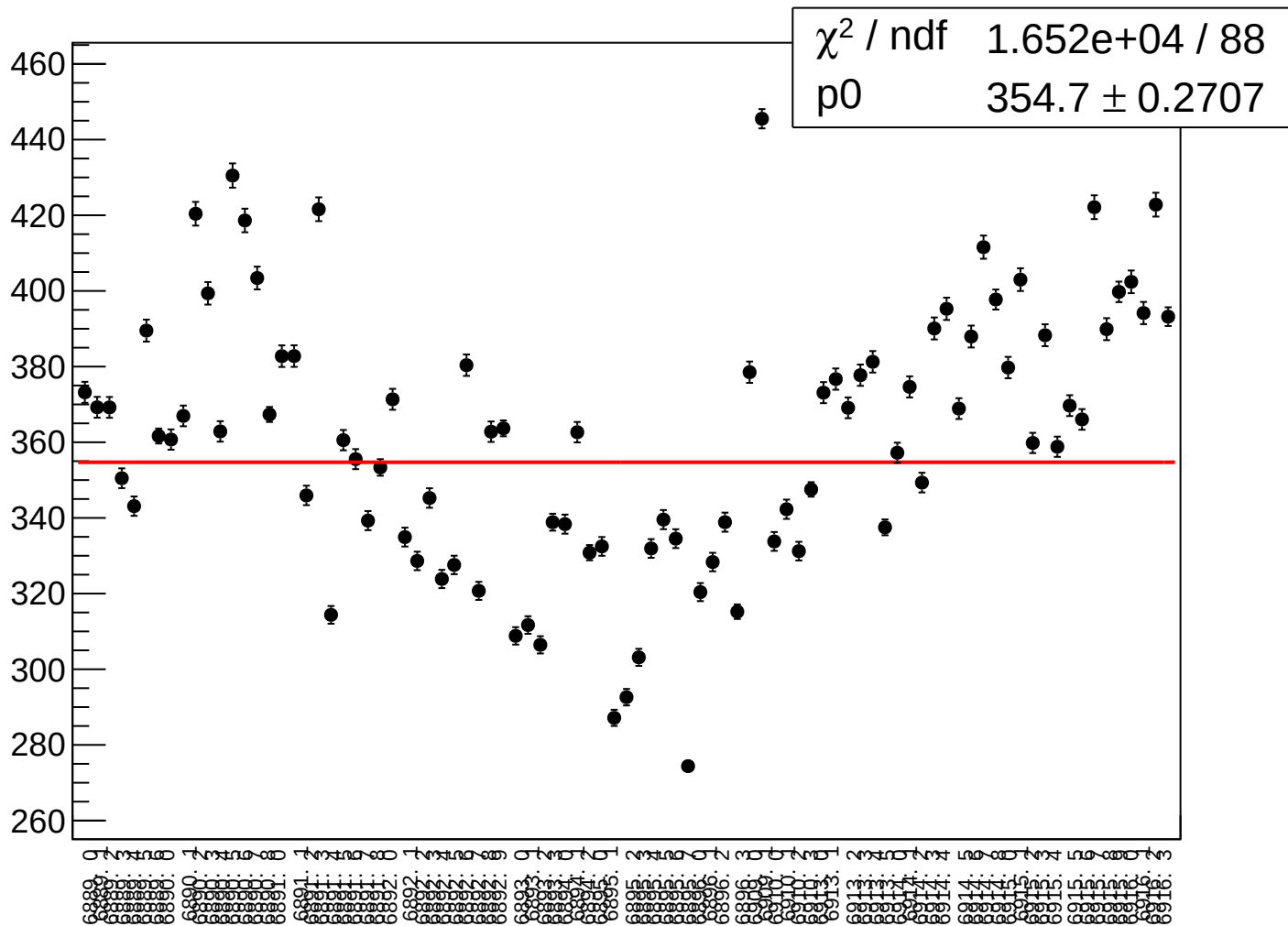
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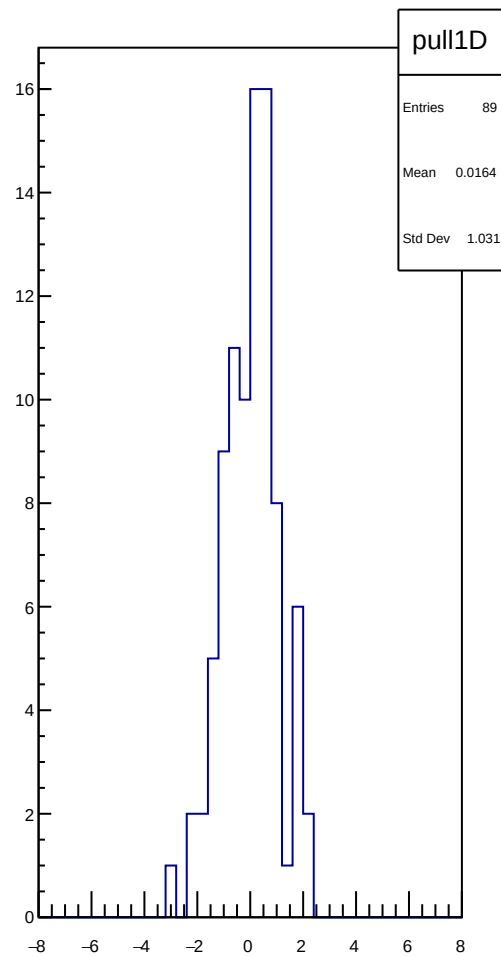
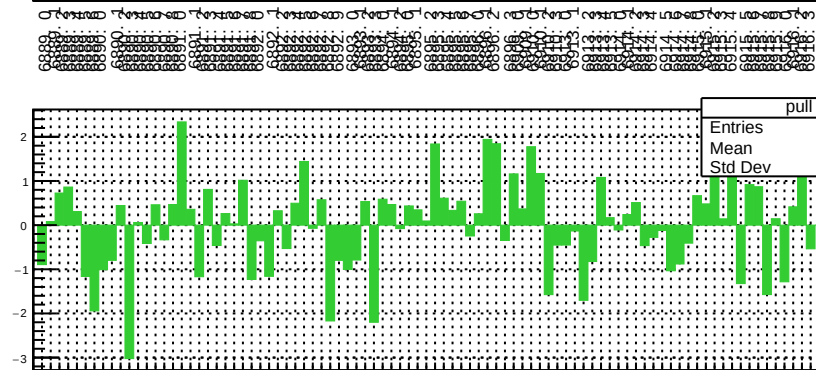
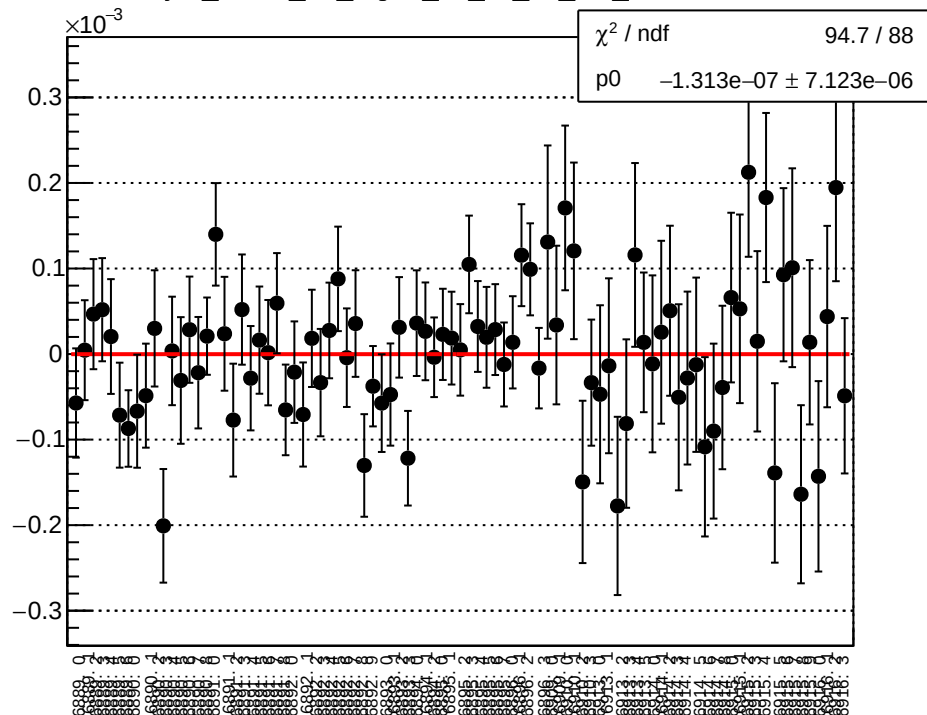
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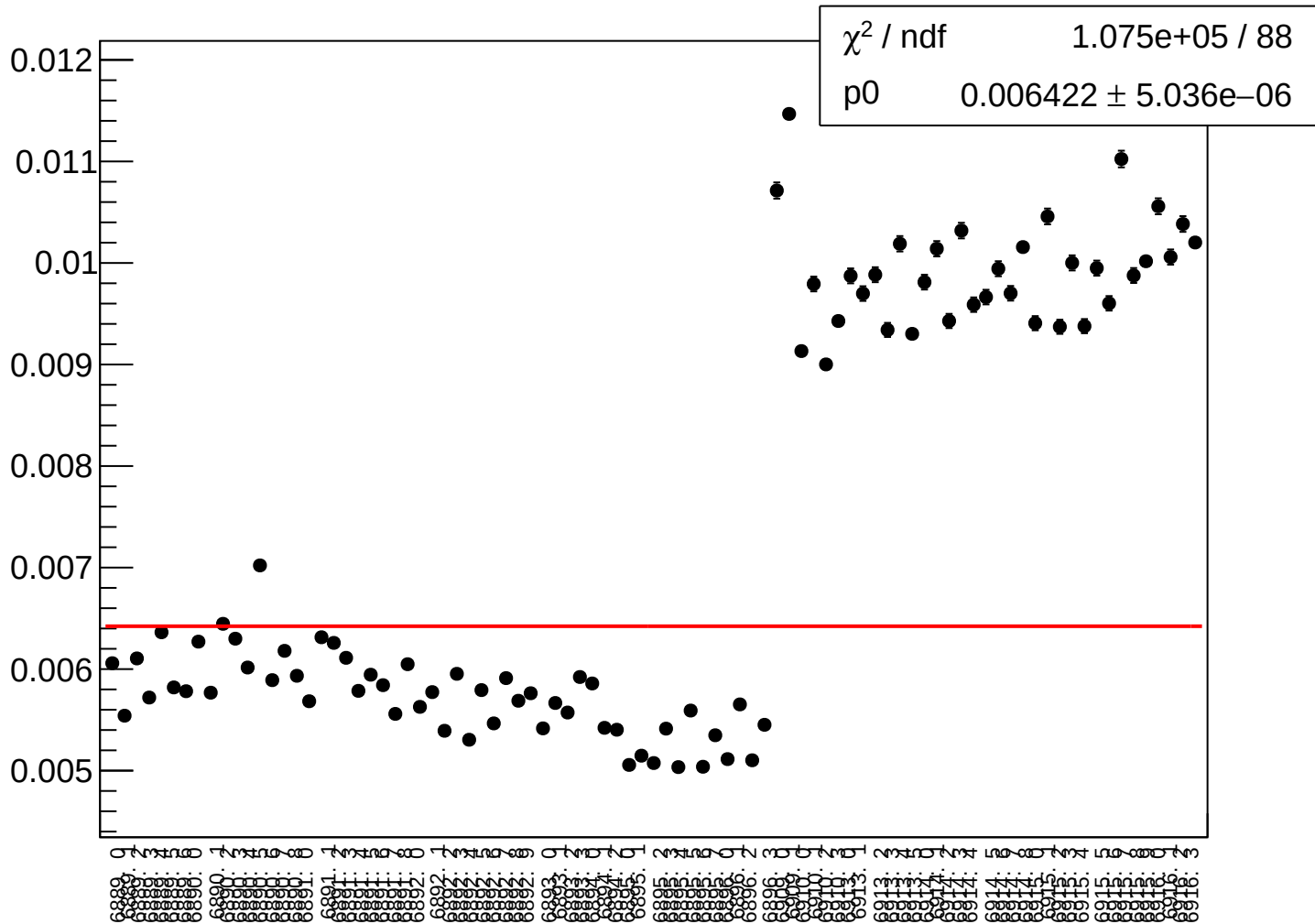
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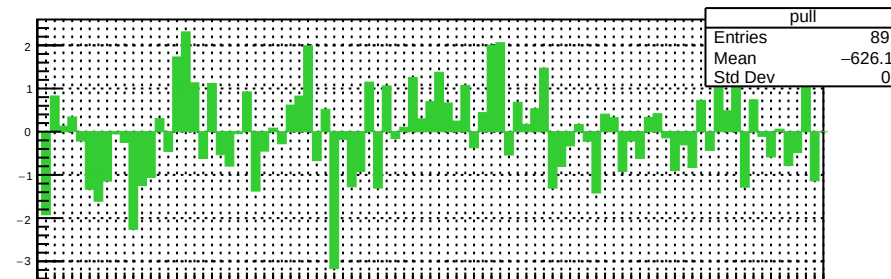
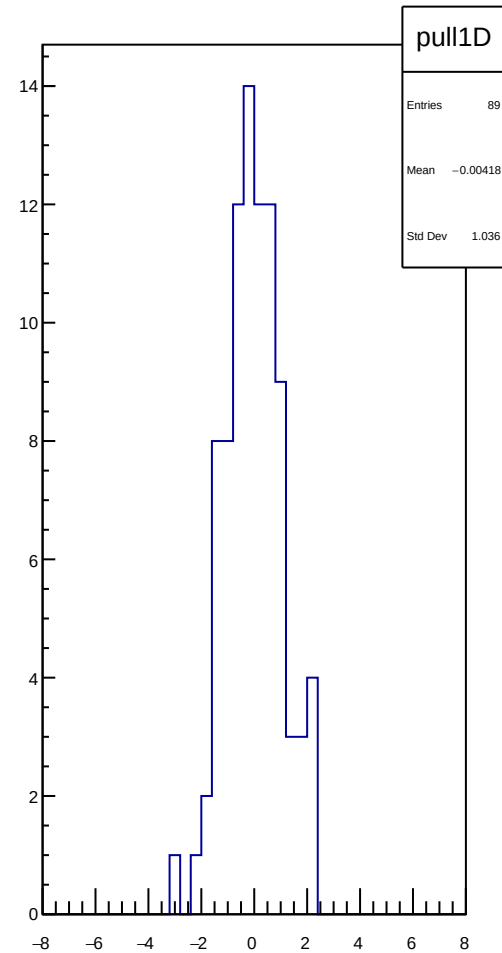
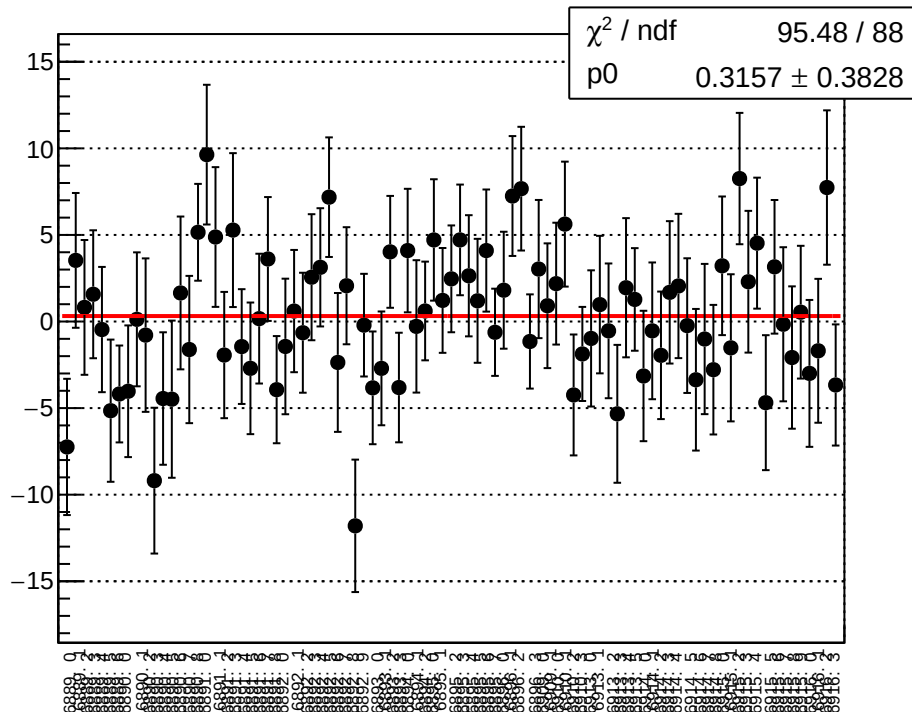
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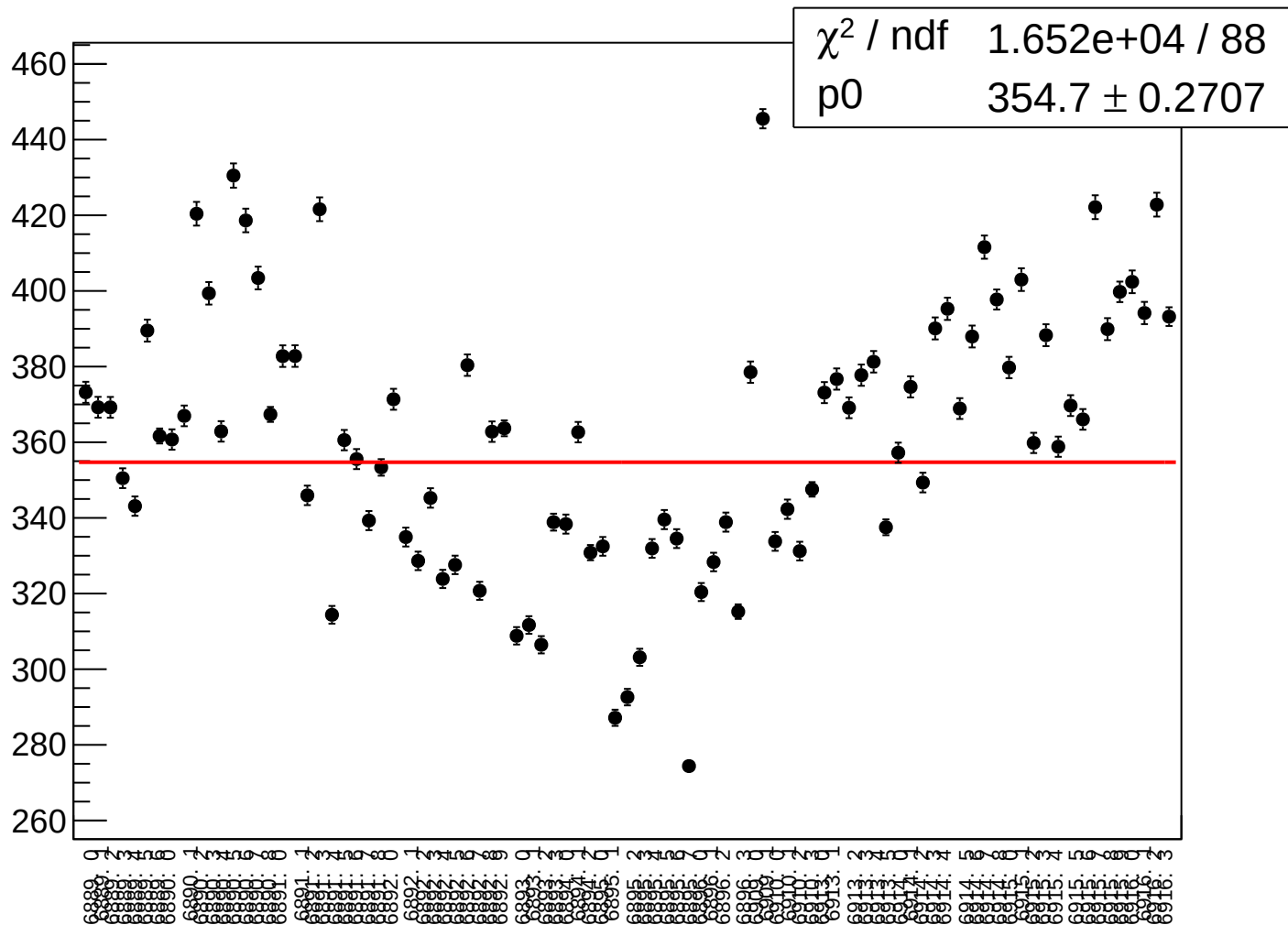
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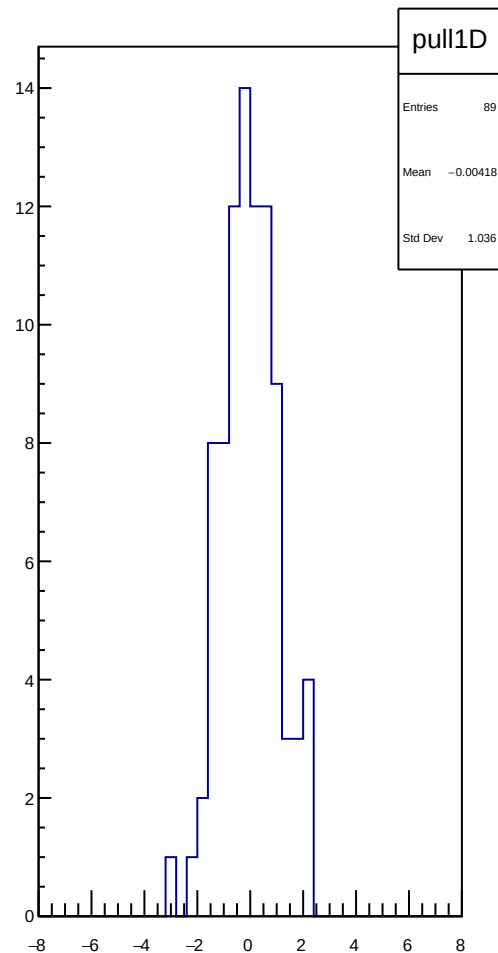
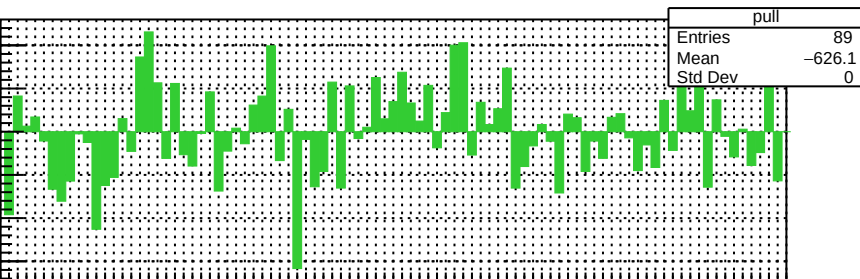
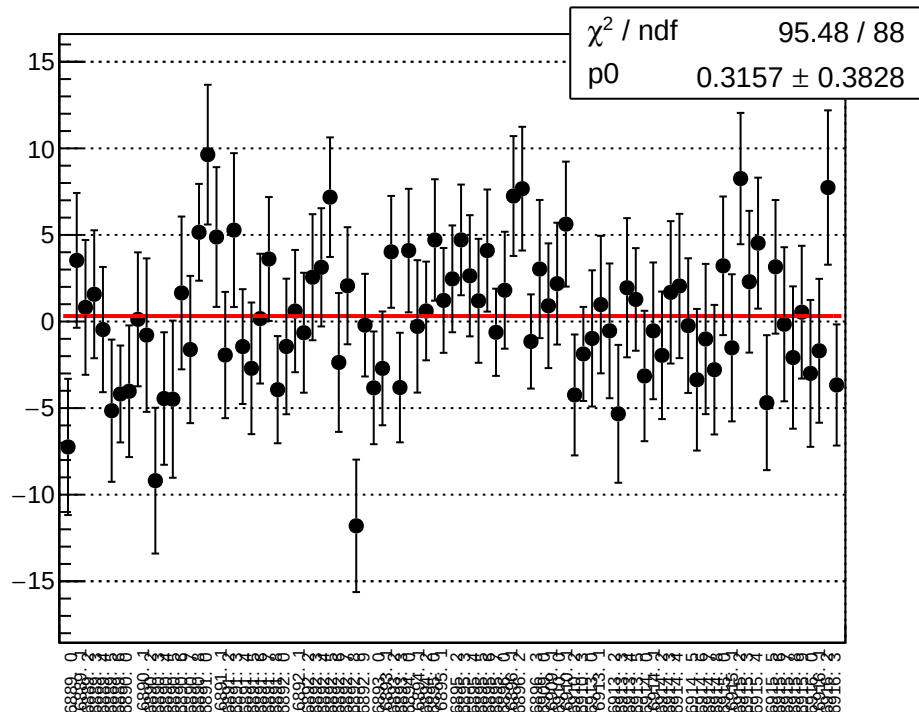
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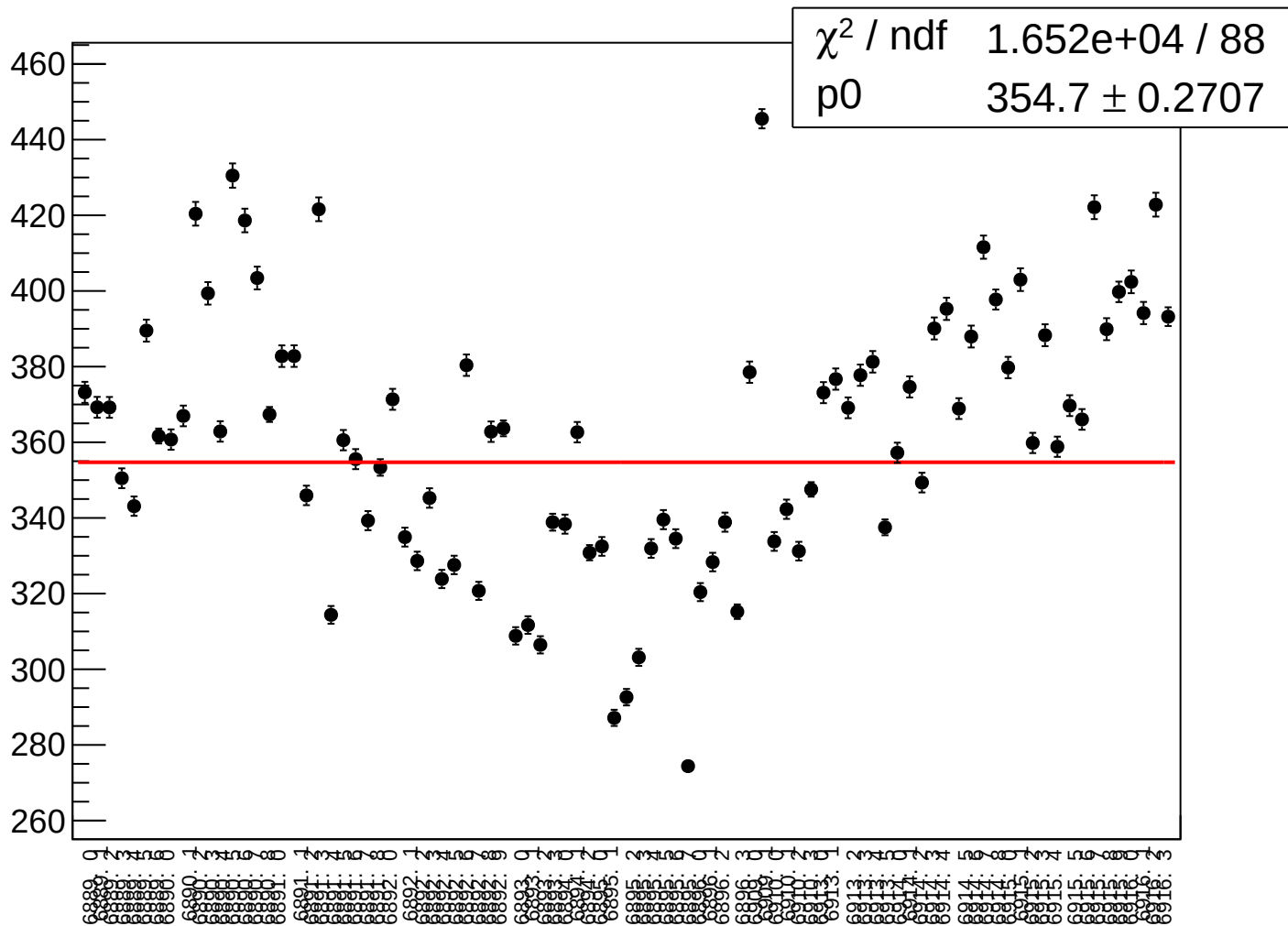
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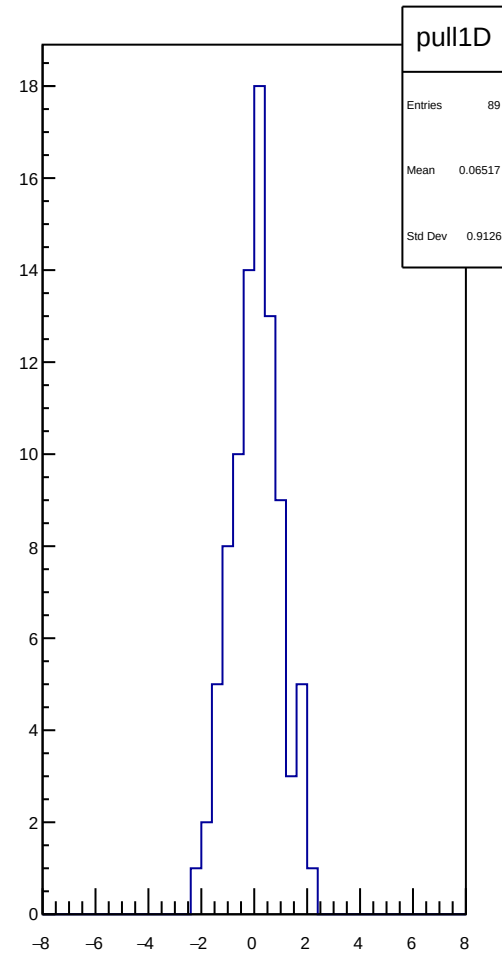
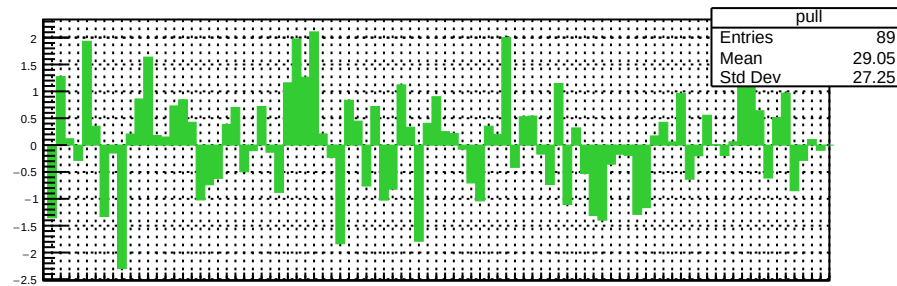
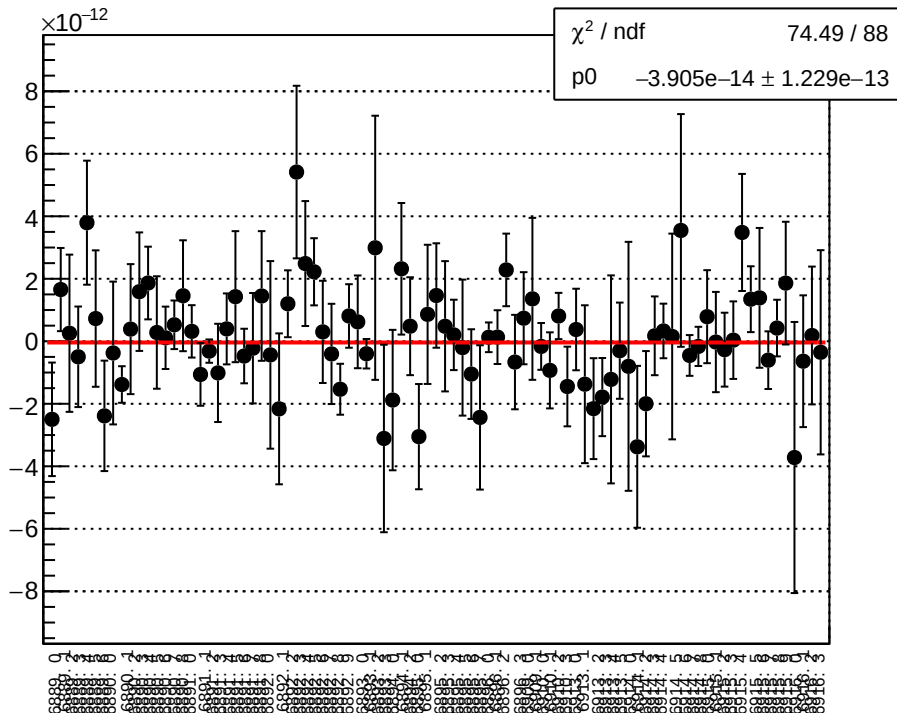
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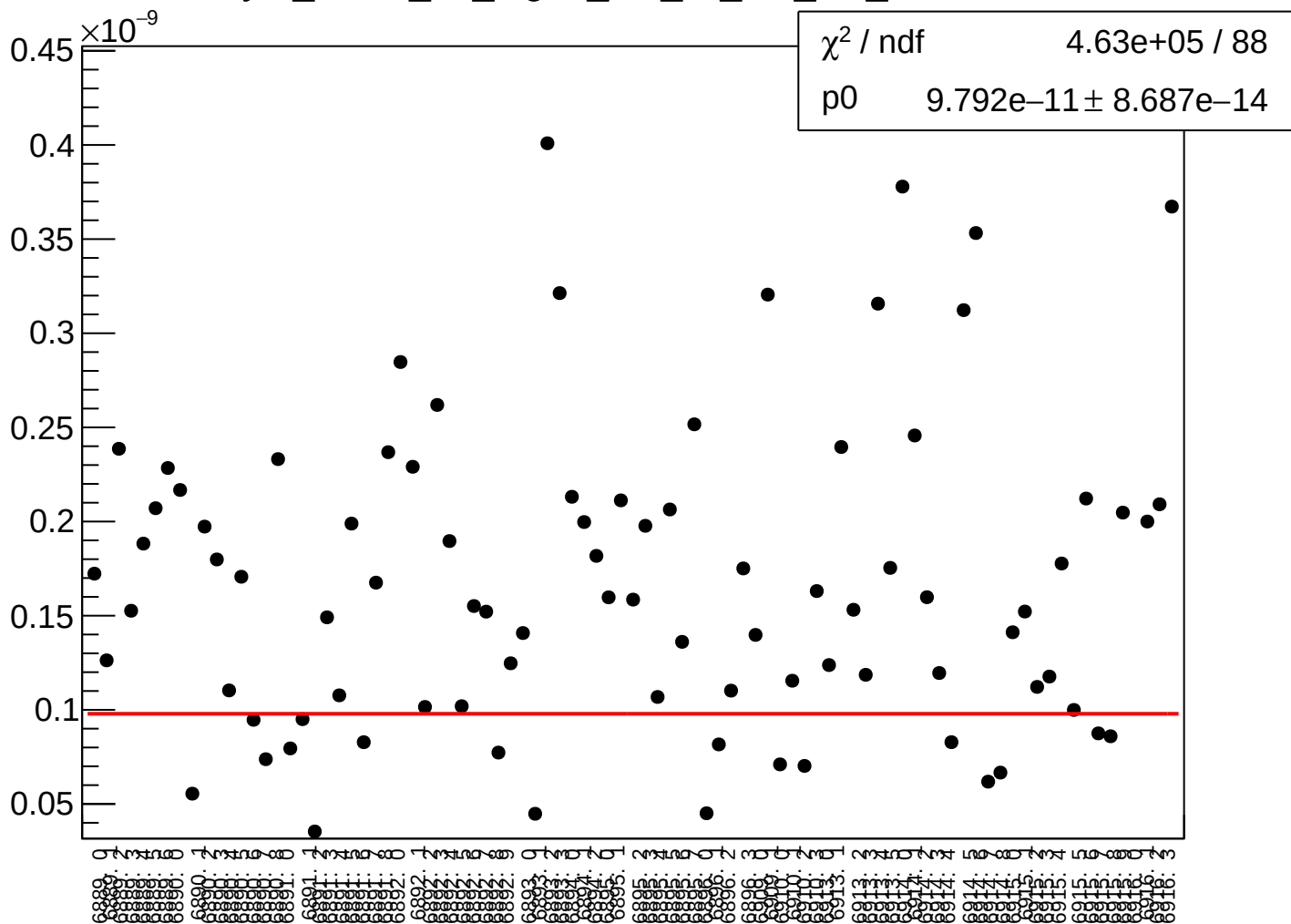
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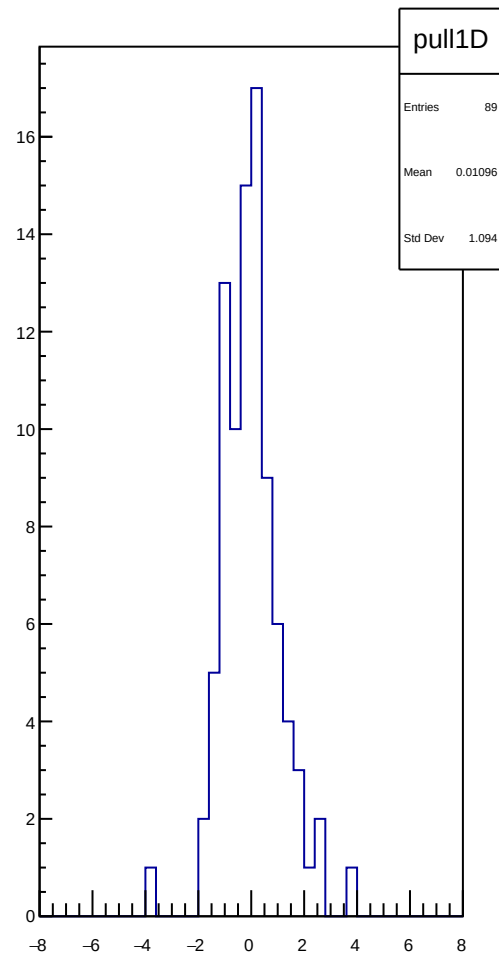
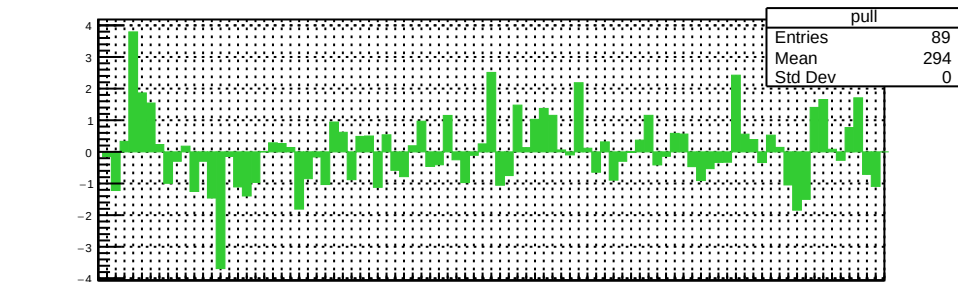
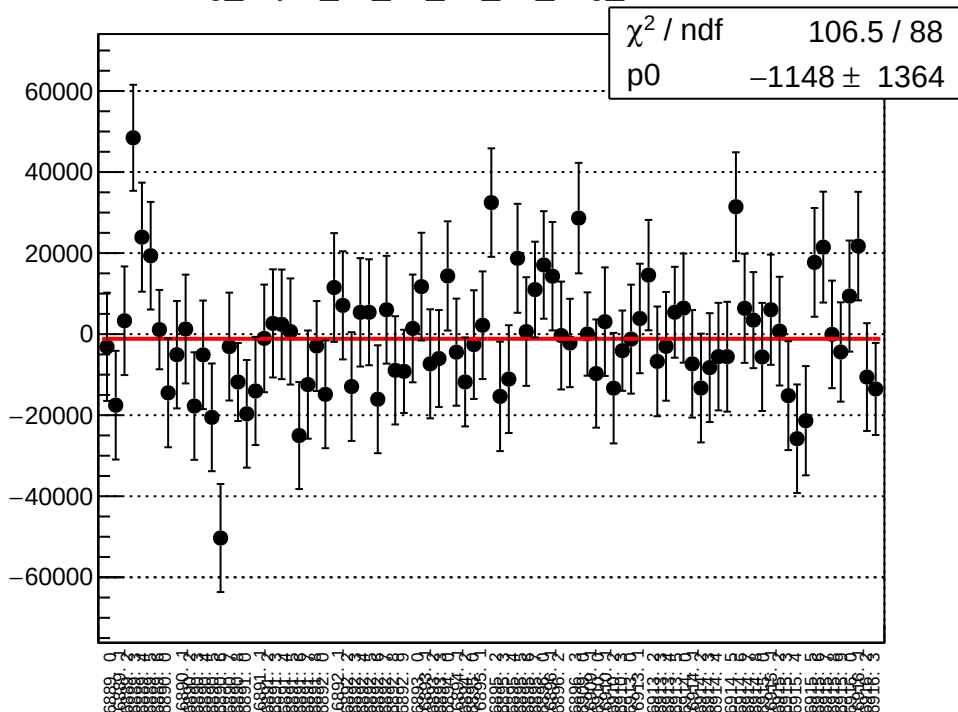
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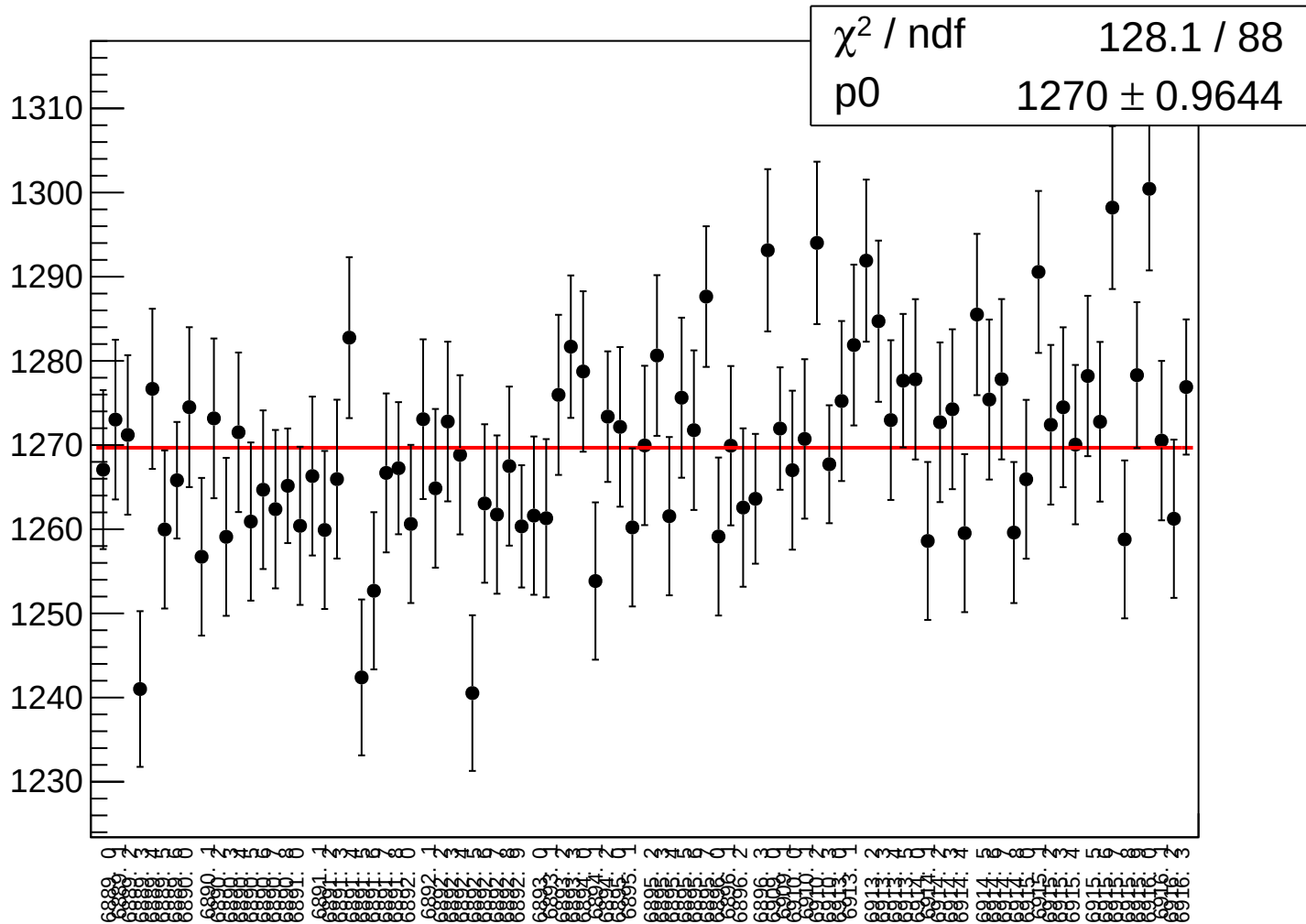
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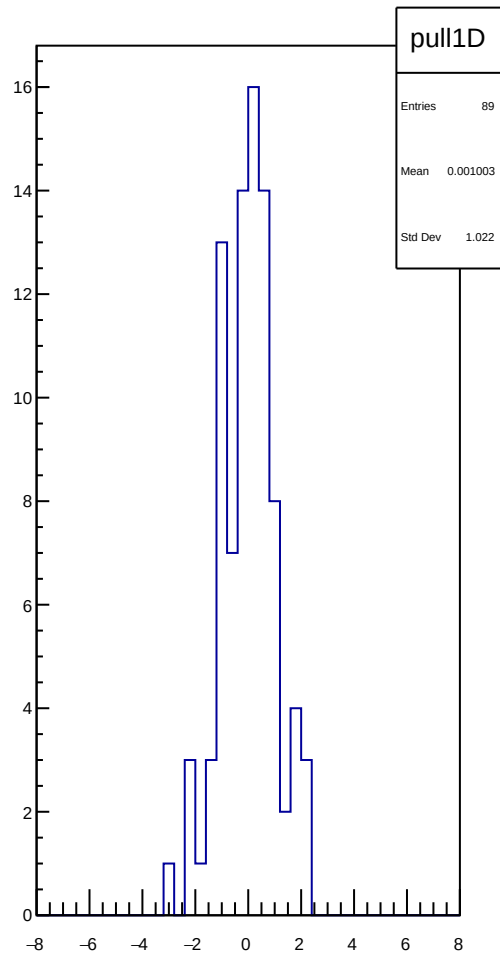
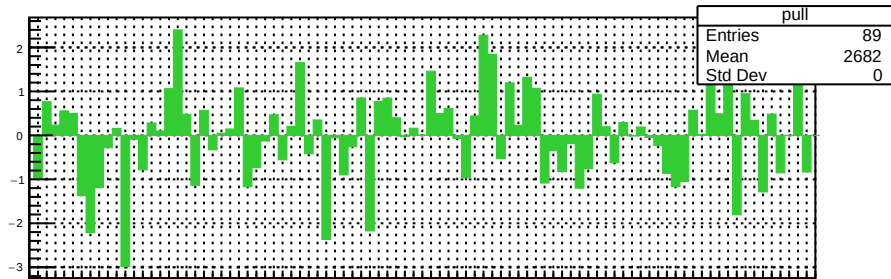
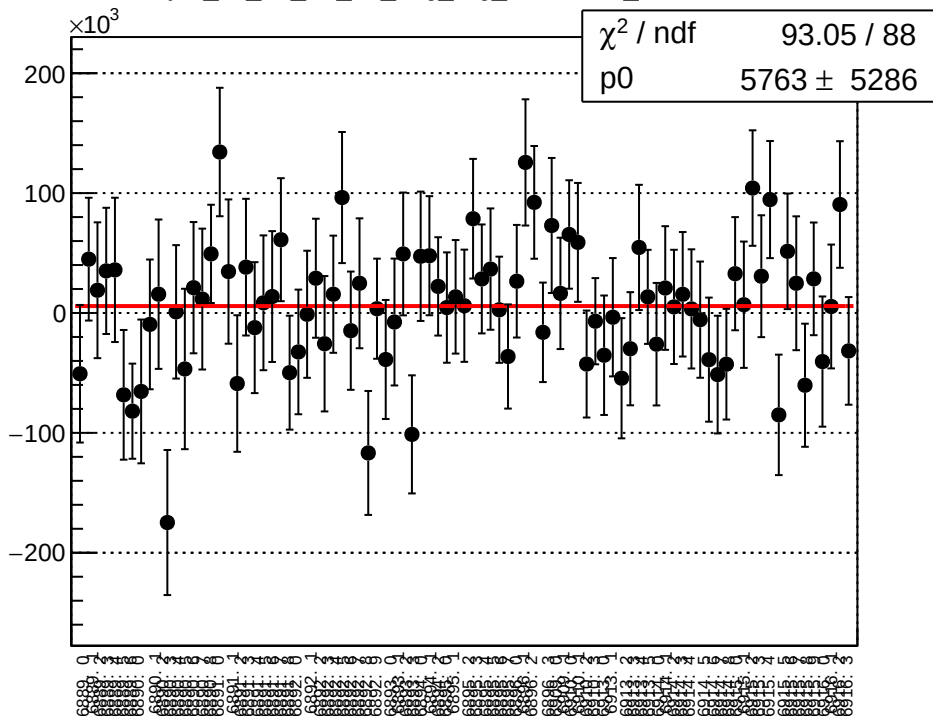
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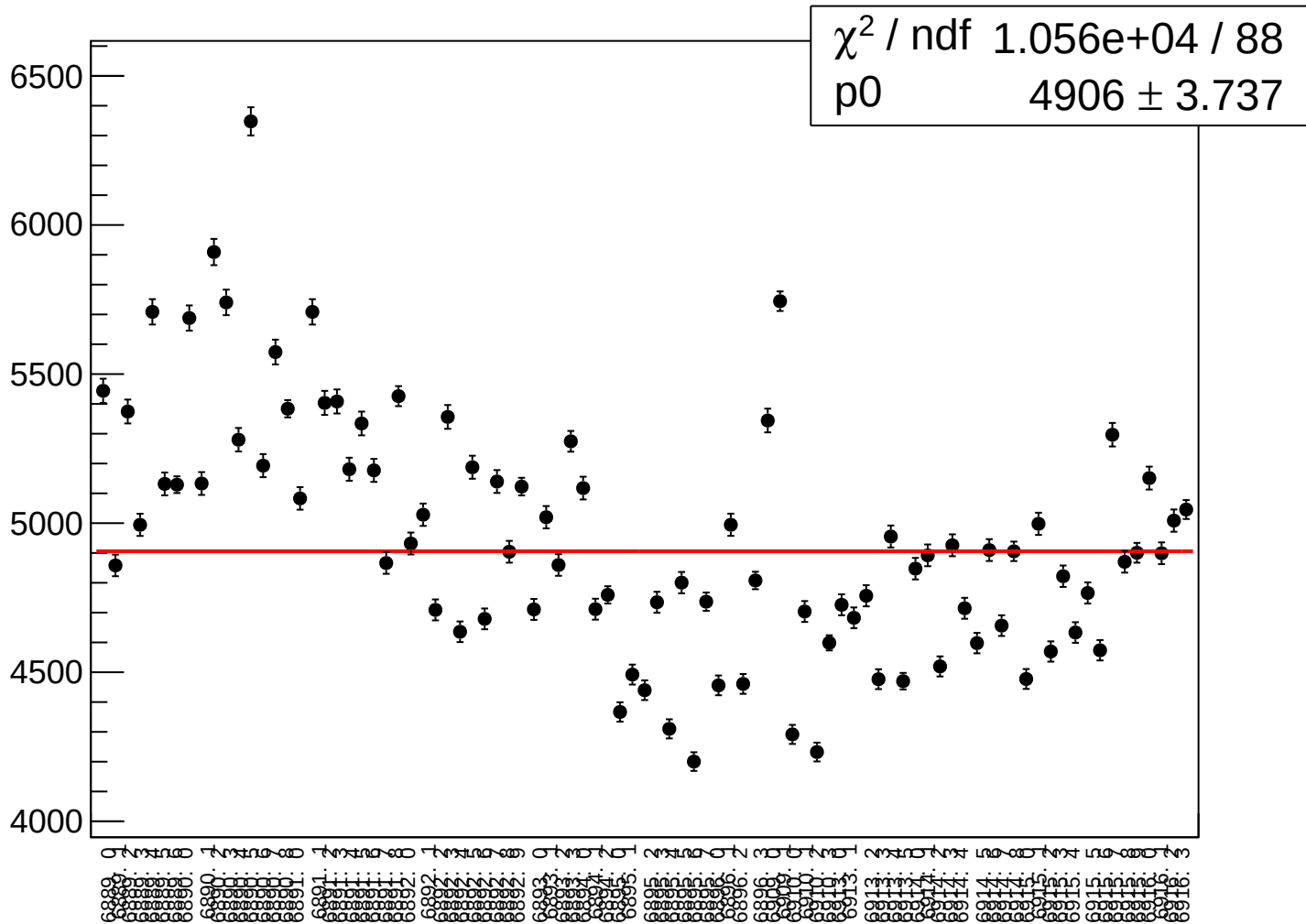
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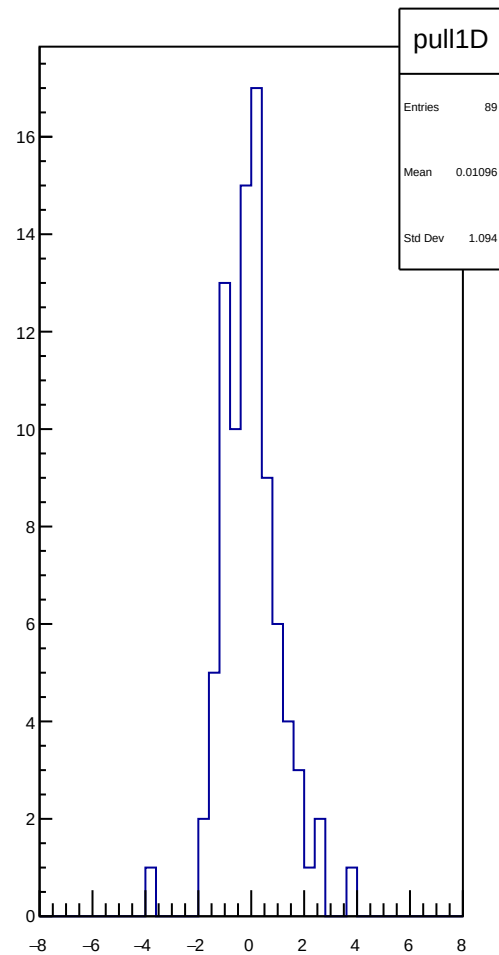
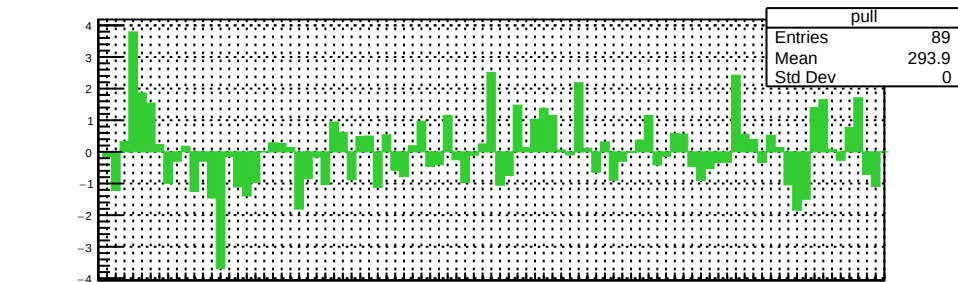
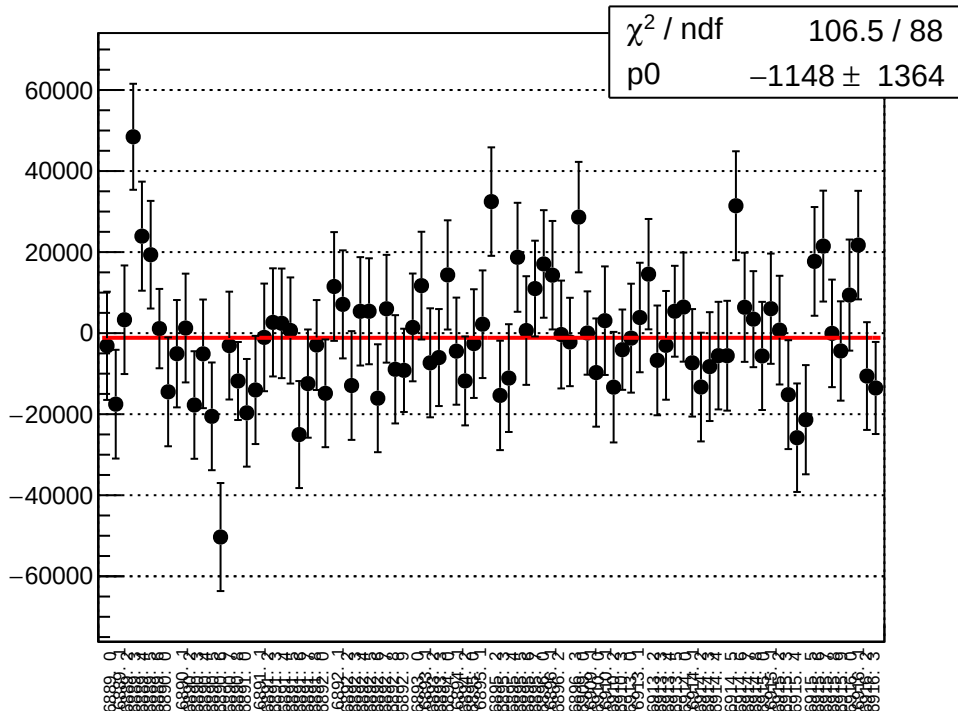
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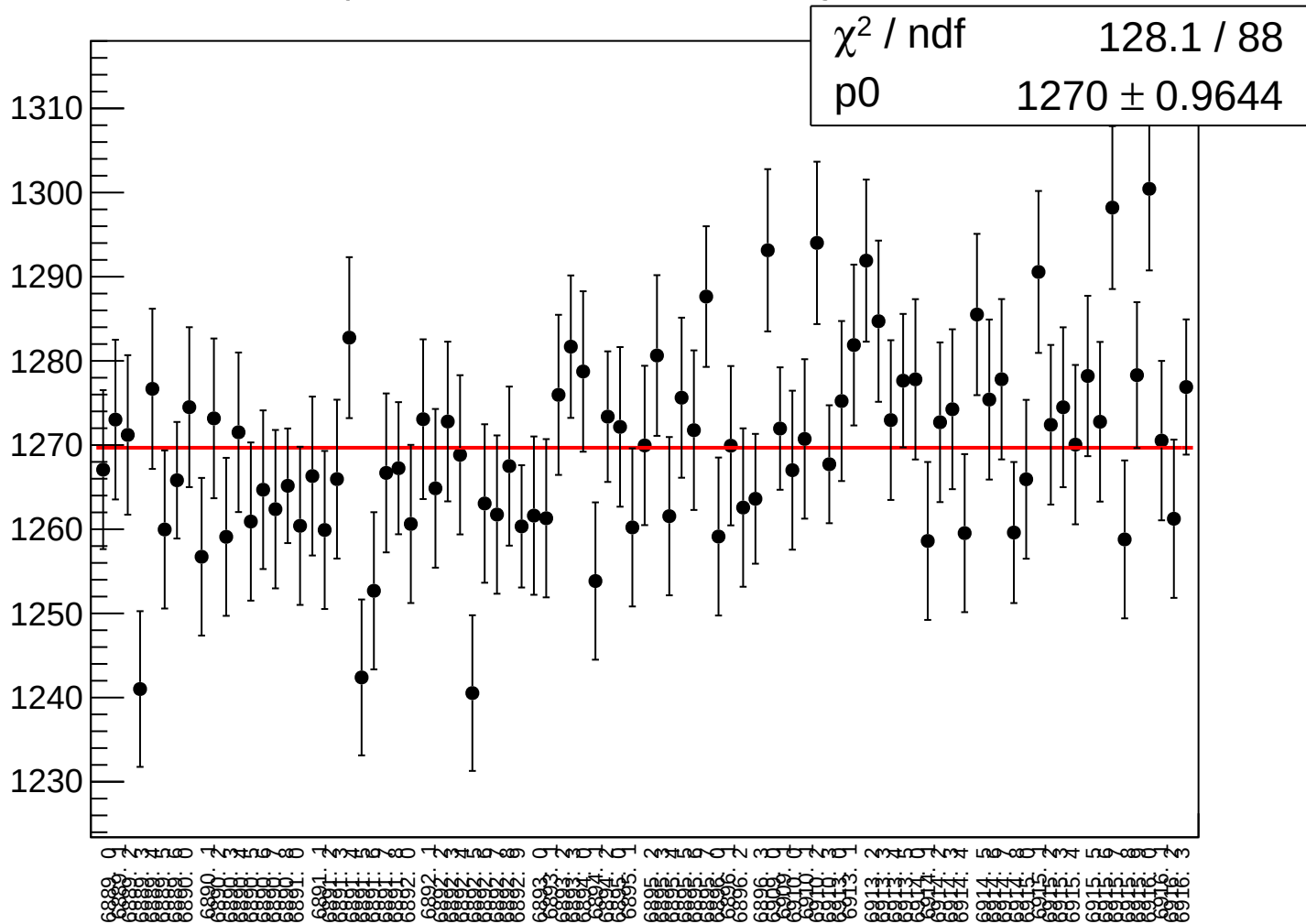
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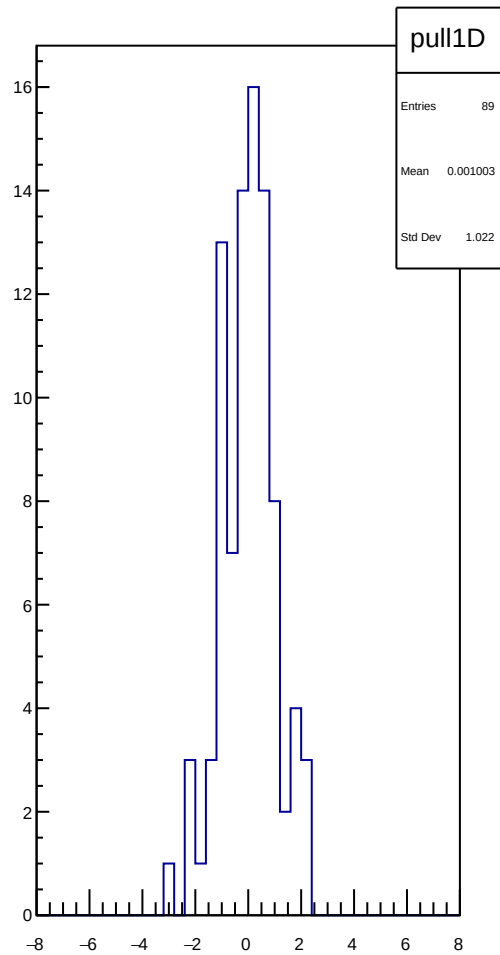
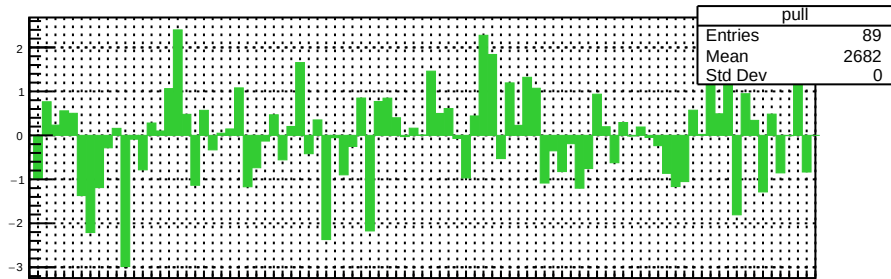
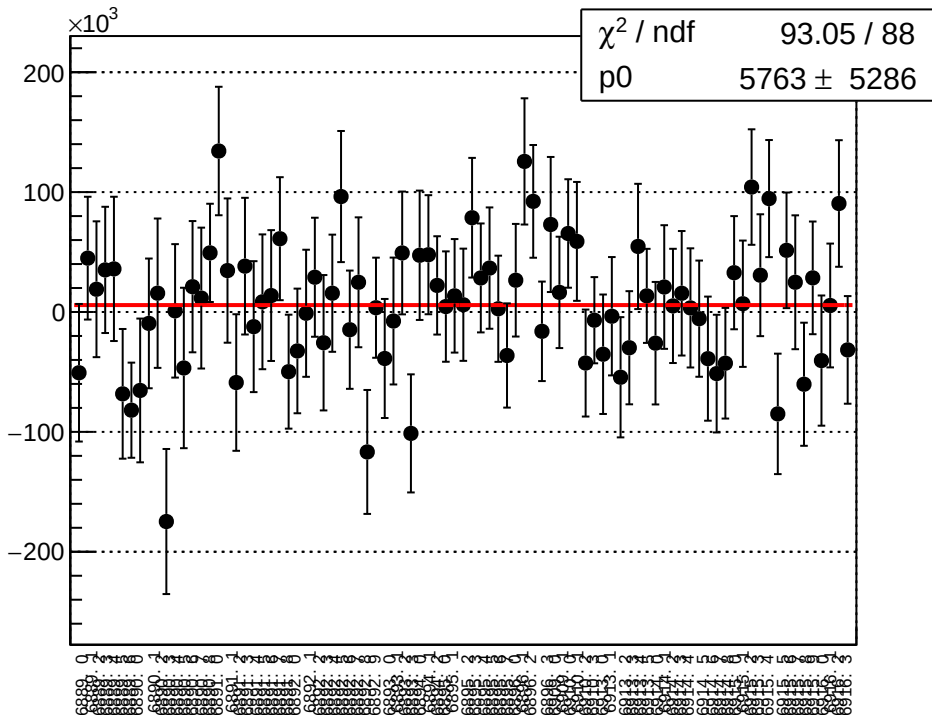
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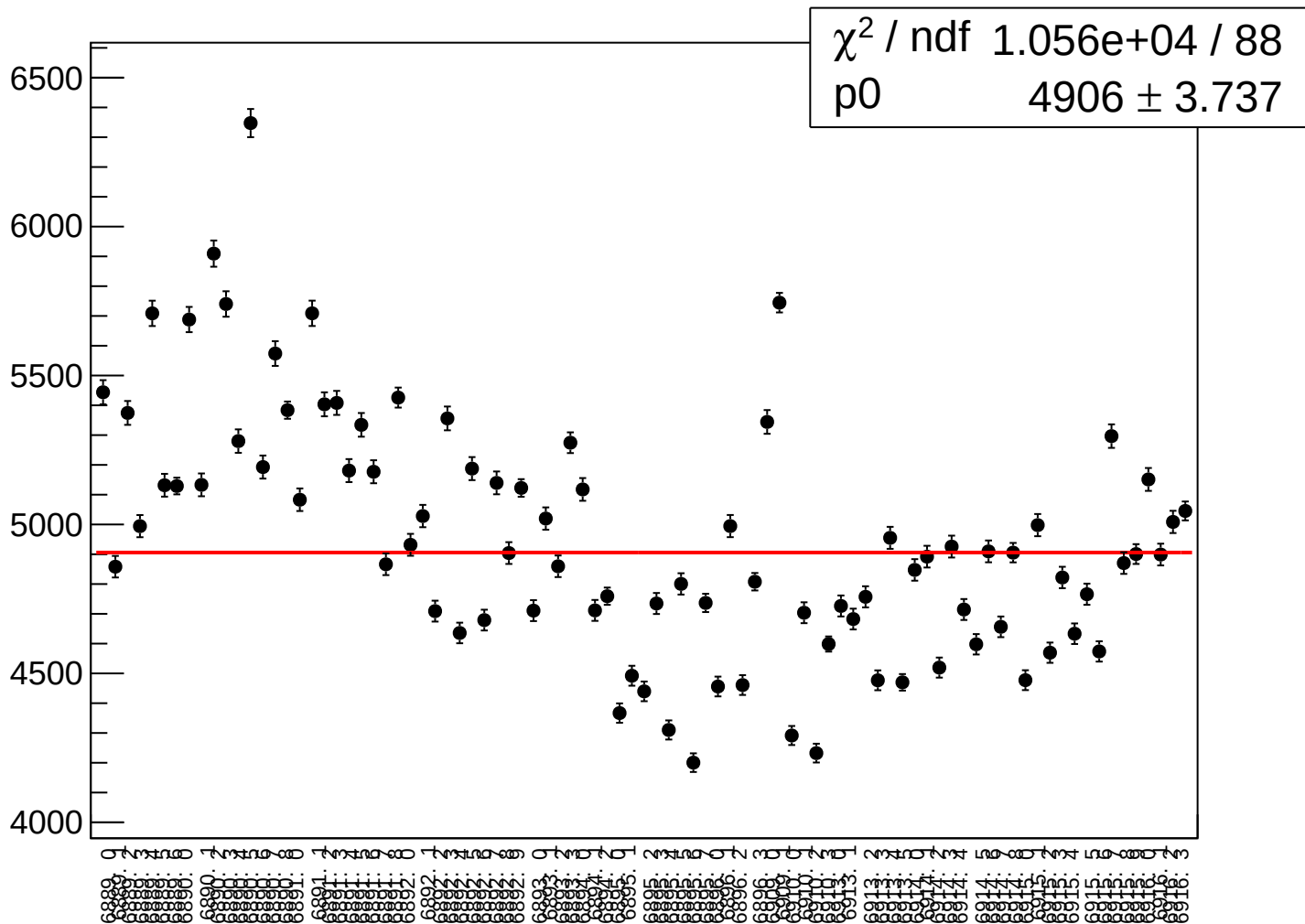
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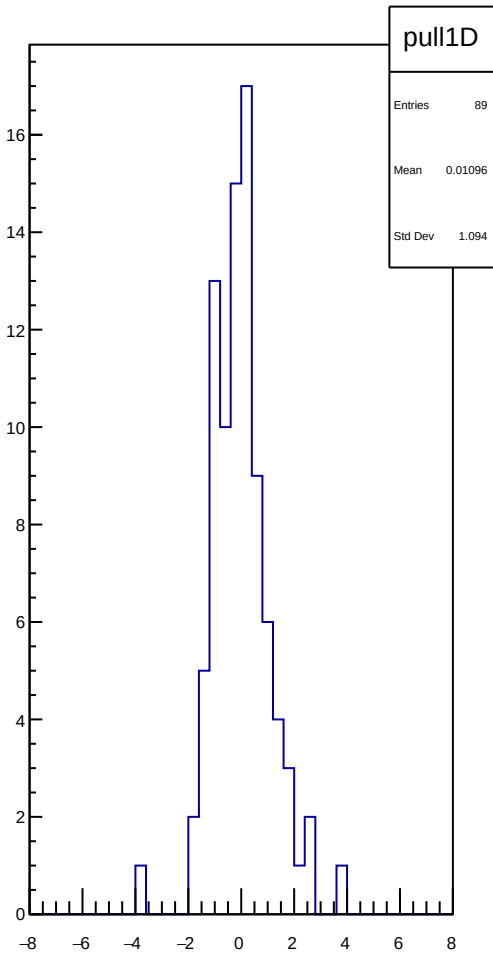
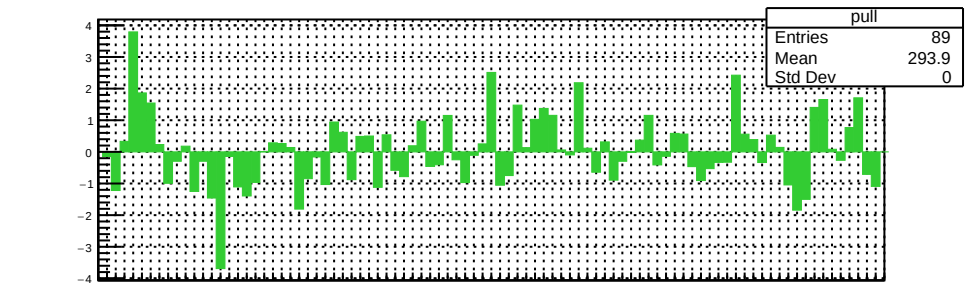
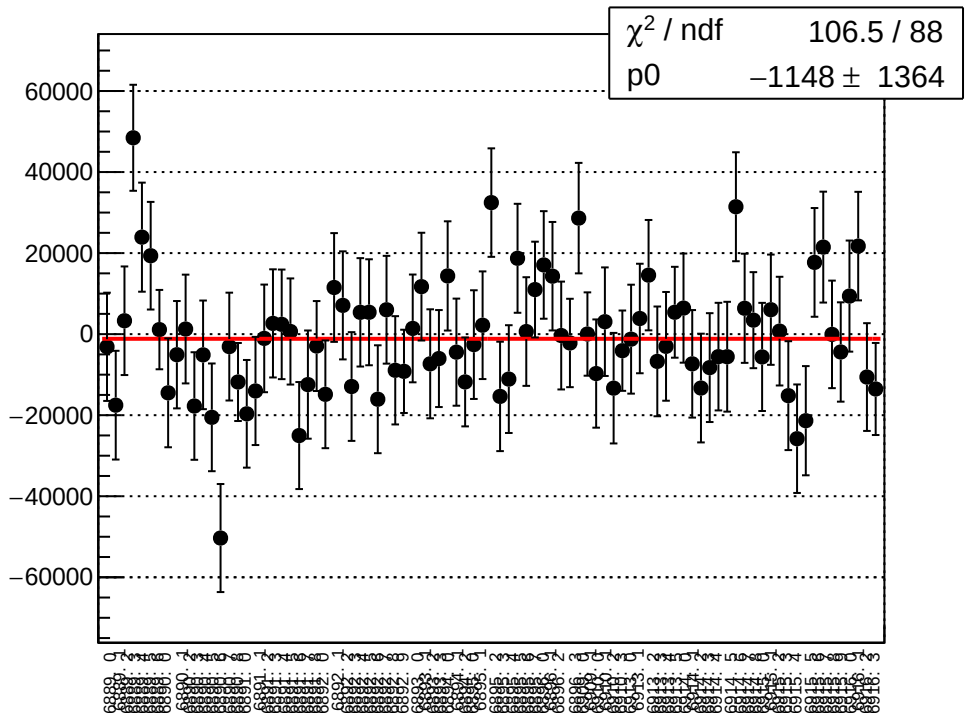
asym atl dd atr dd avg cor correction mean vs run



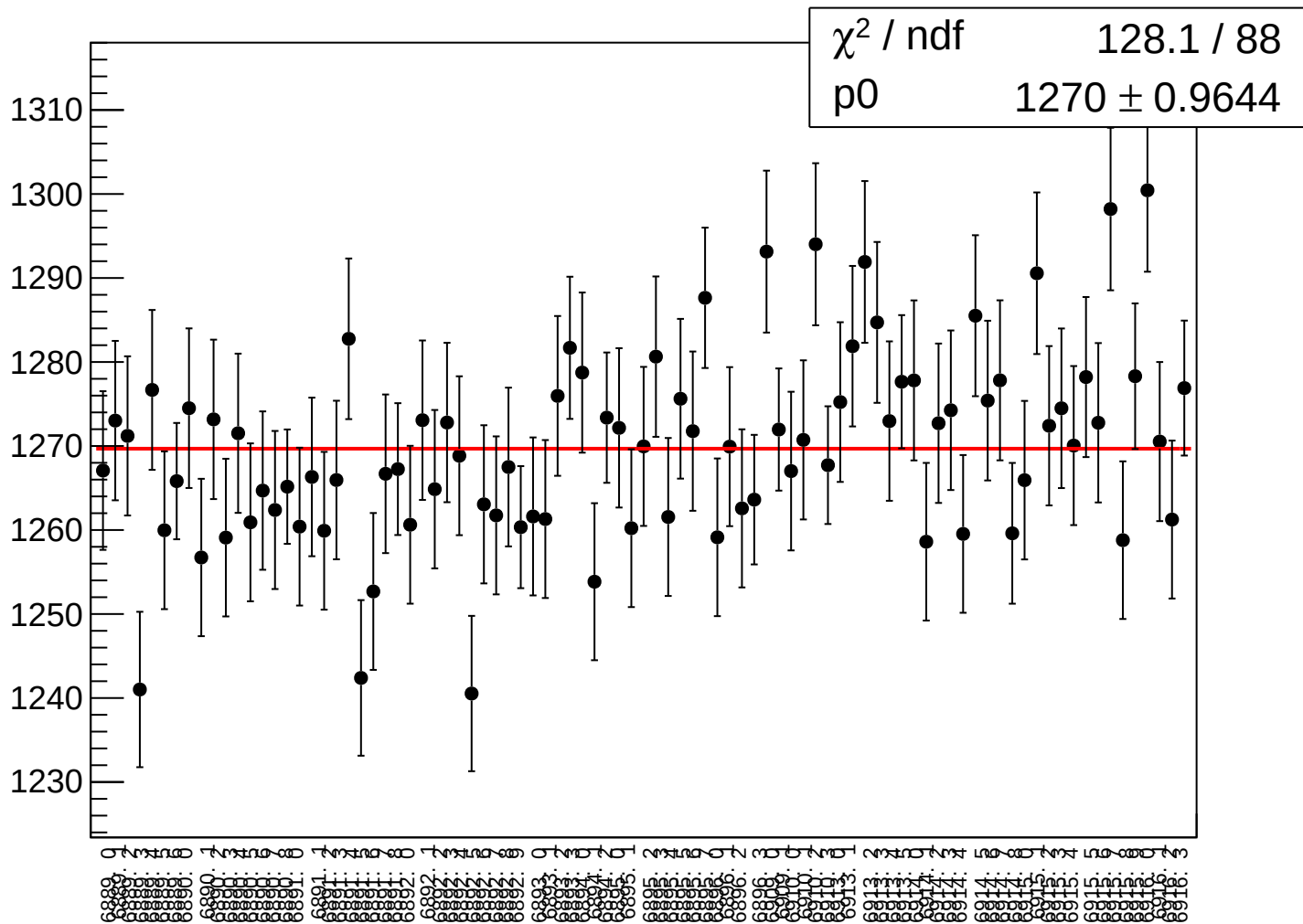
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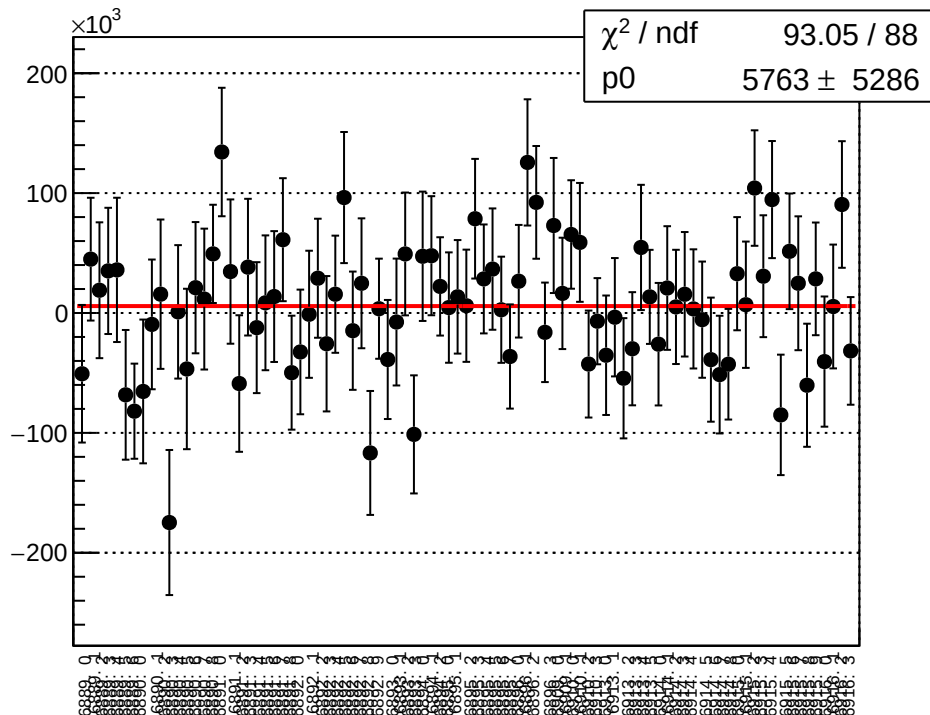
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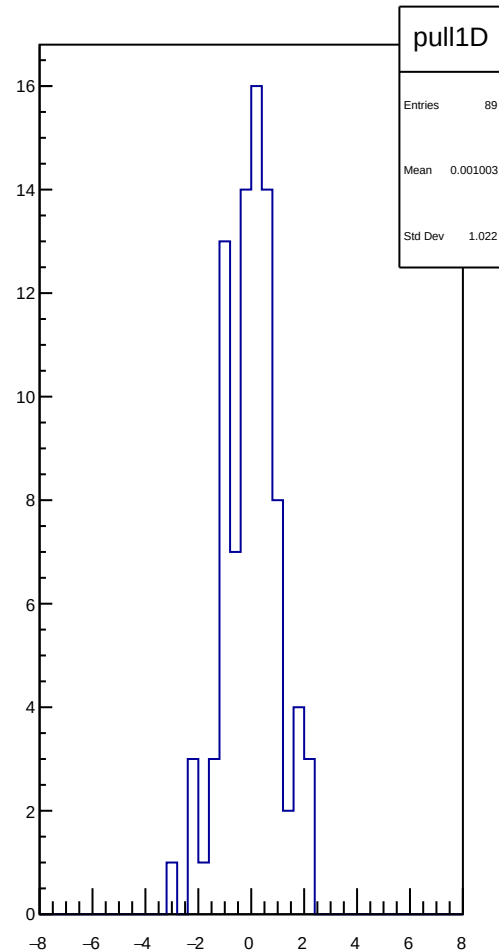
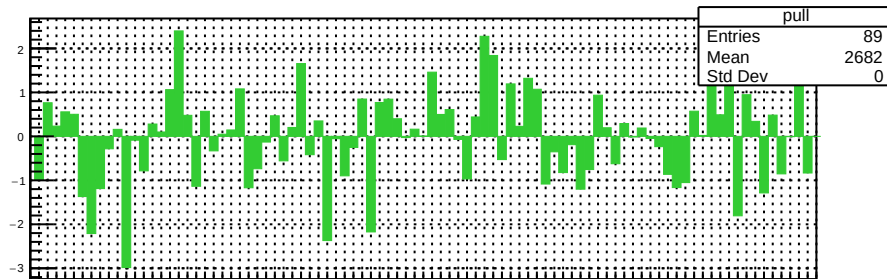
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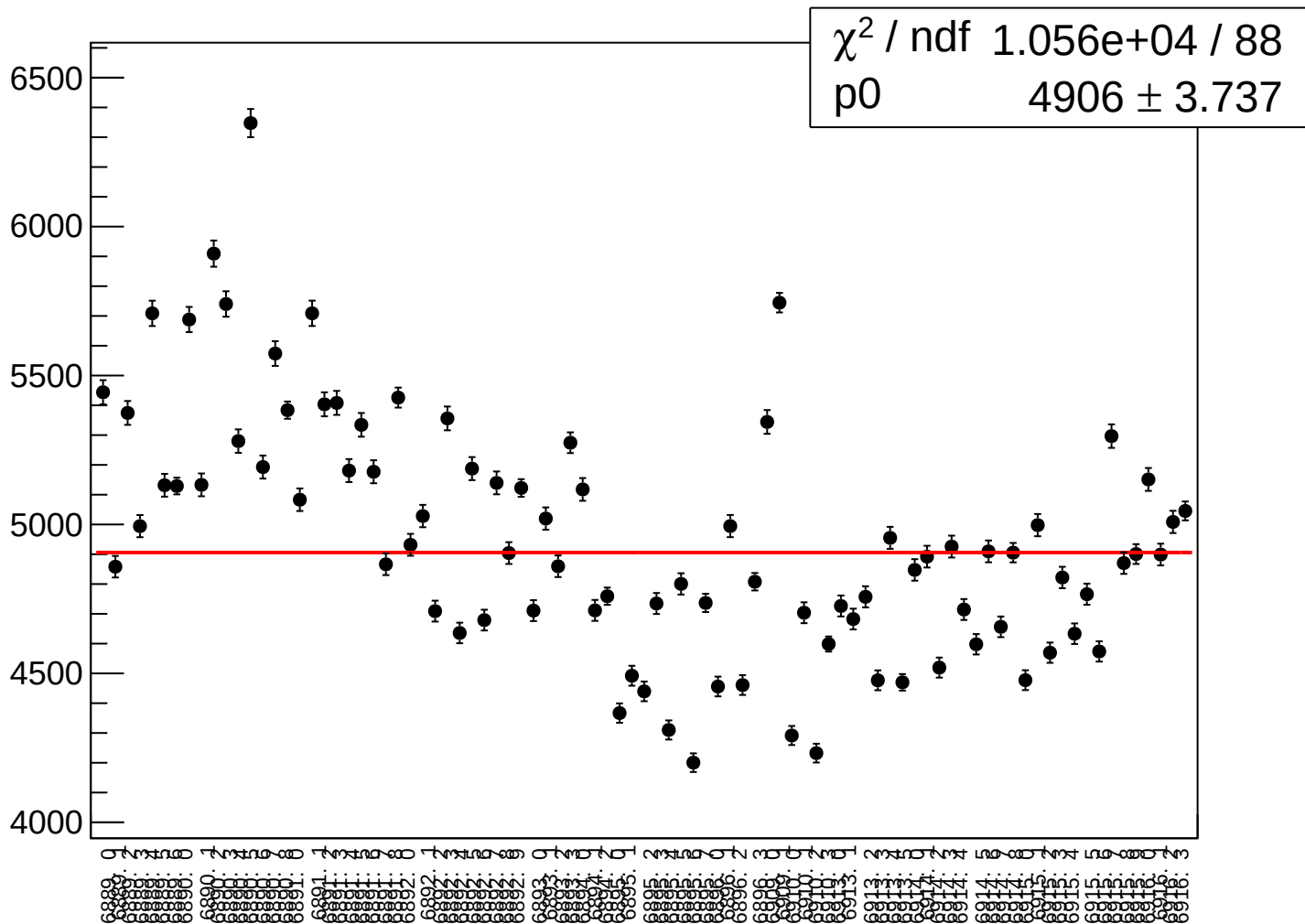
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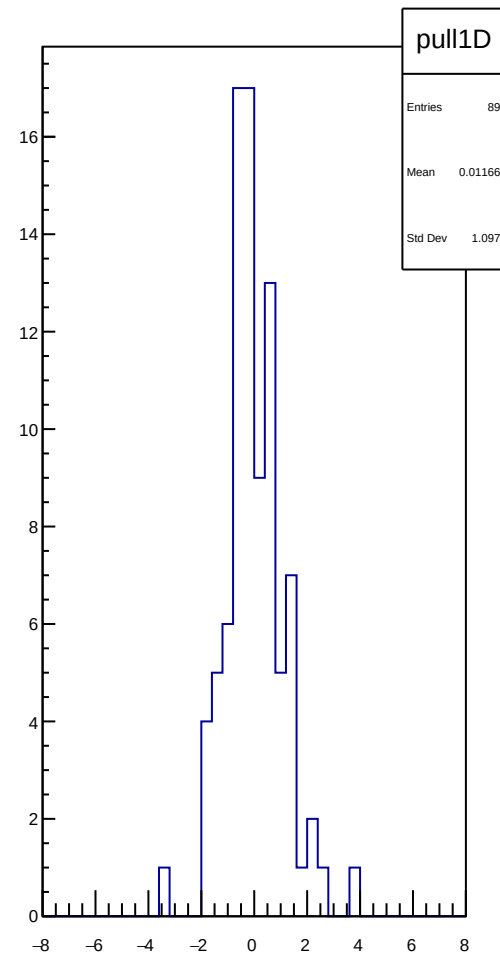
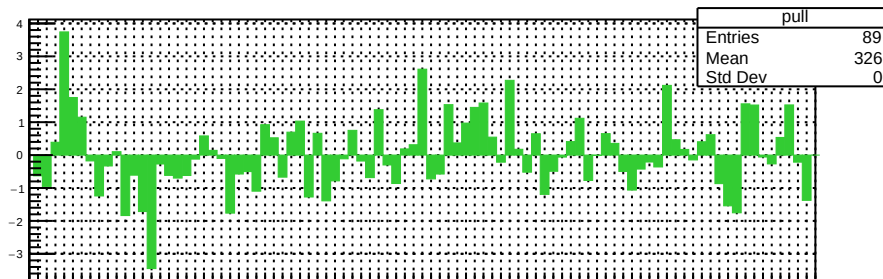
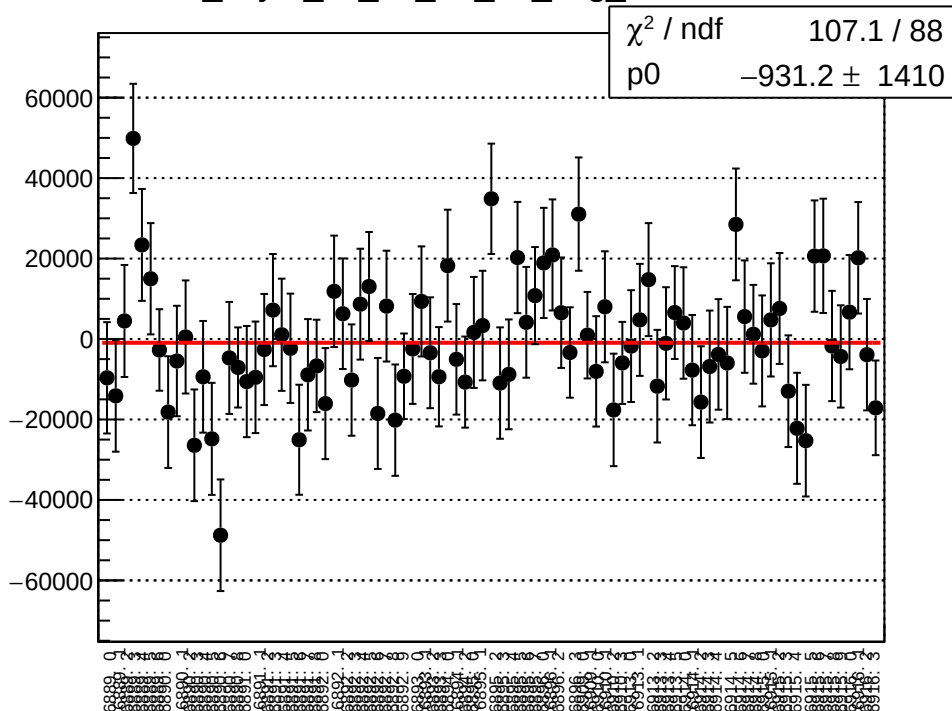
Correlation between the asymmetries of the two decay channels for the different runs. The correlation is shown for the different runs of the experiment. The correlation is shown for the different runs of the experiment. The correlation is shown for the different runs of the experiment.



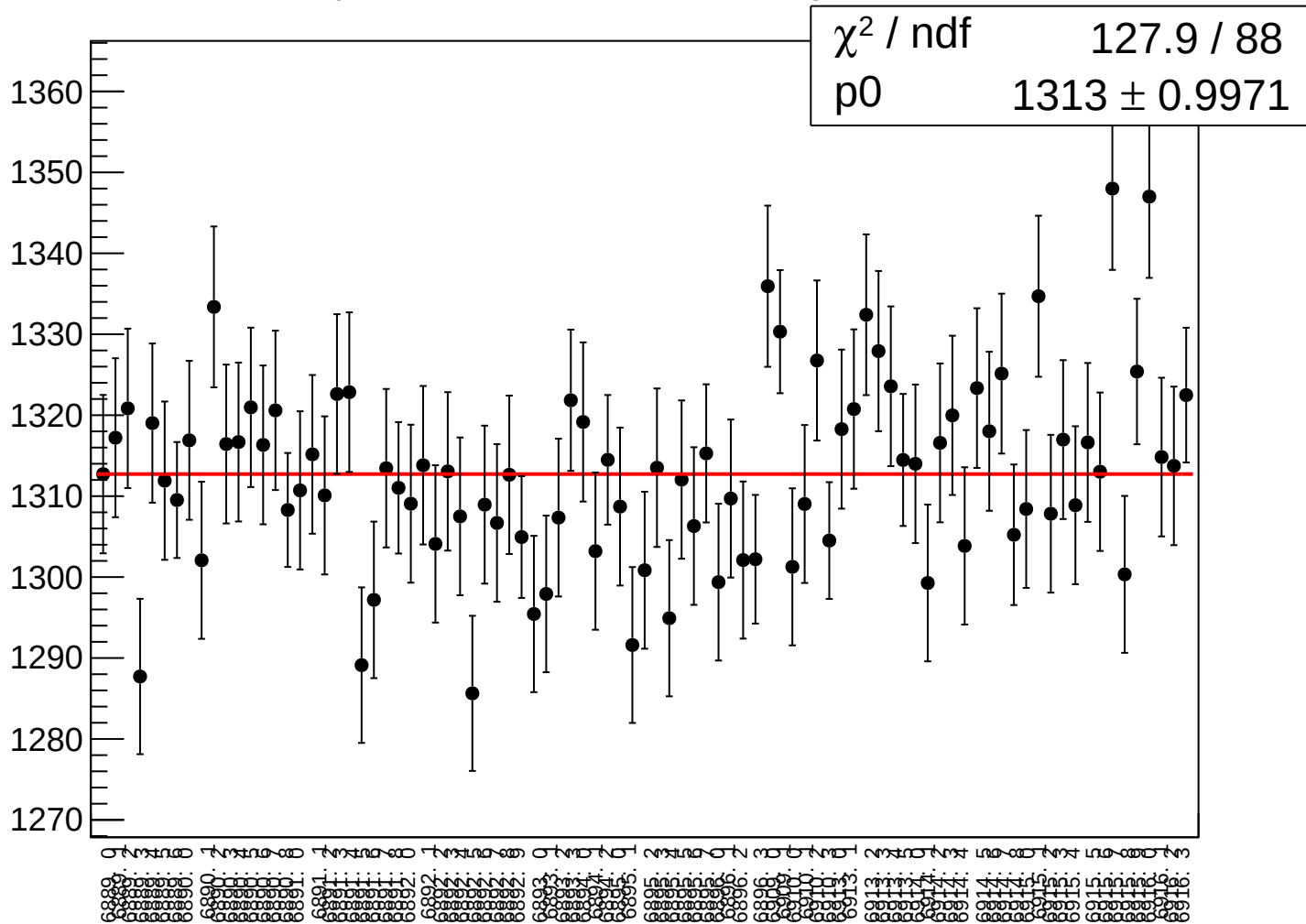
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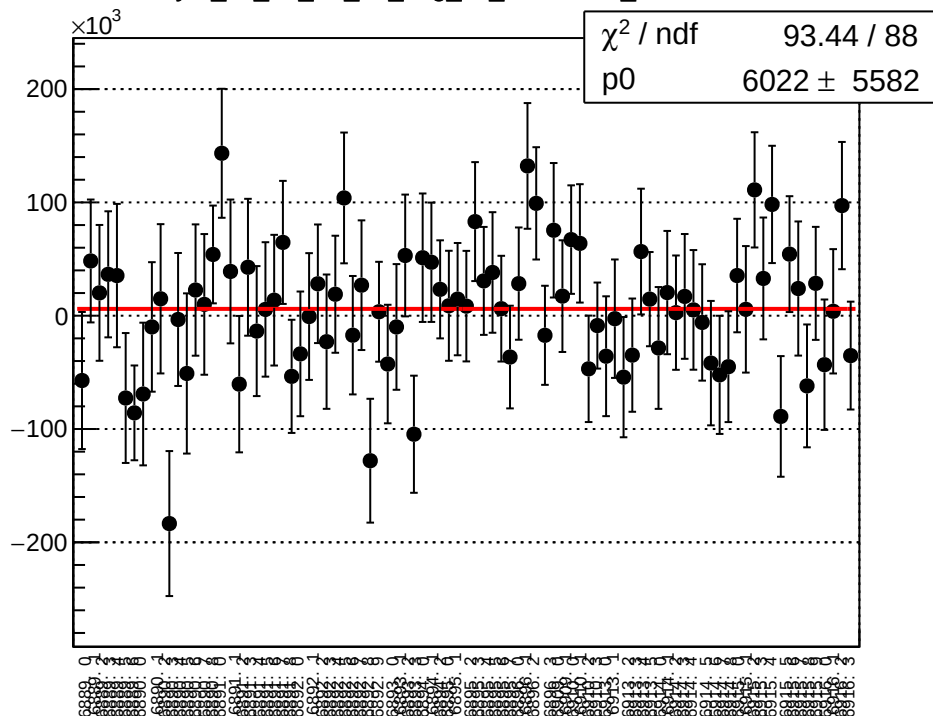
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dit_asym_atl_dd_atr_dd_avg_rms vs run

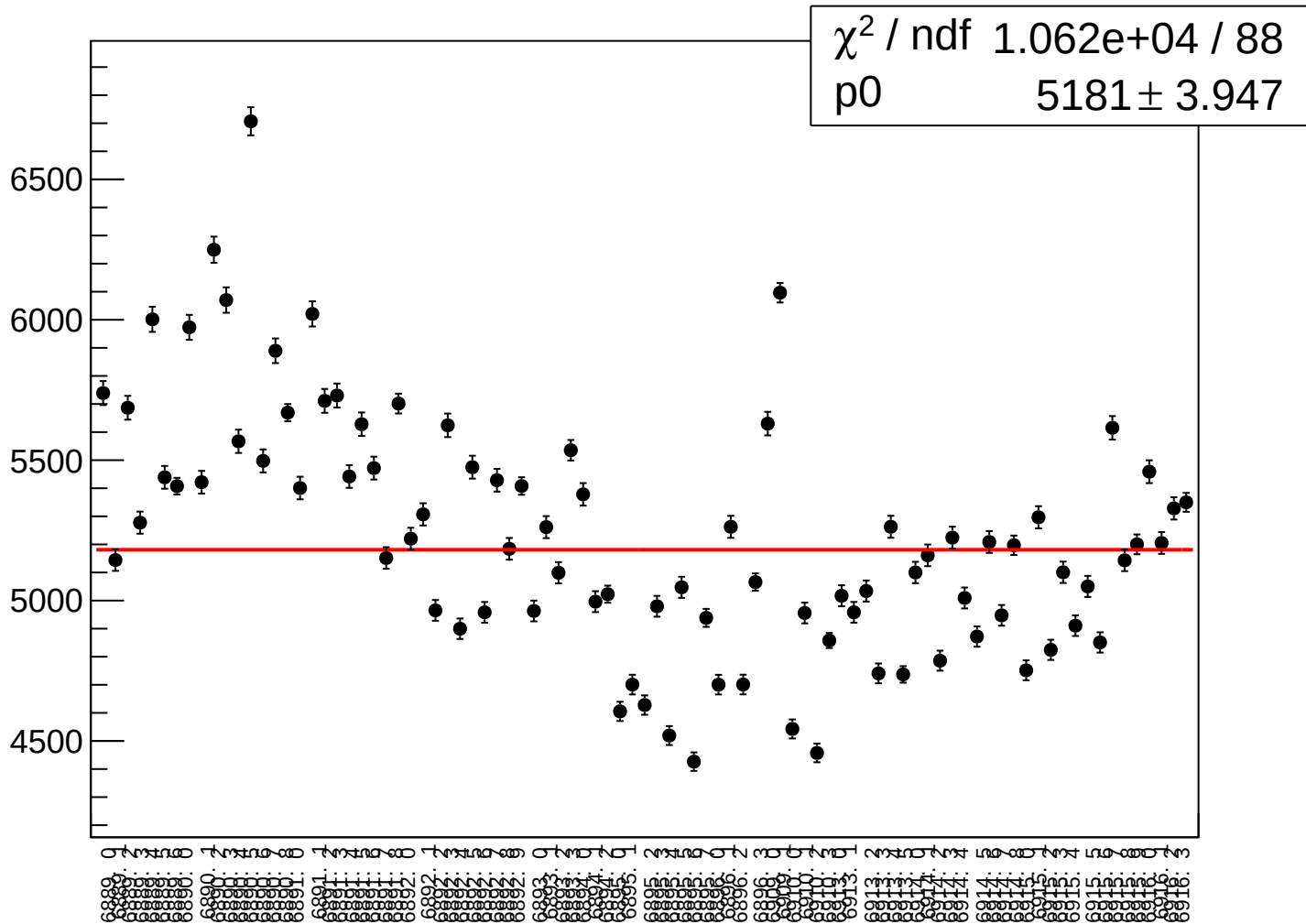


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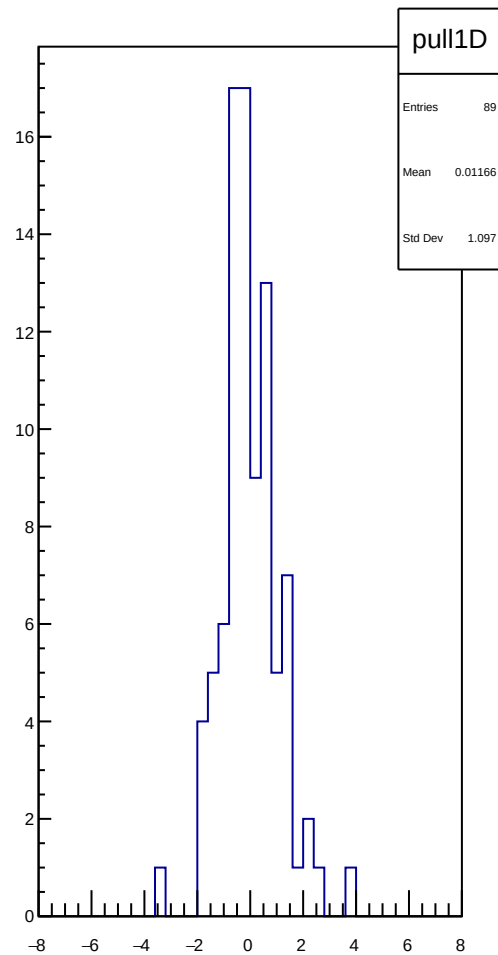
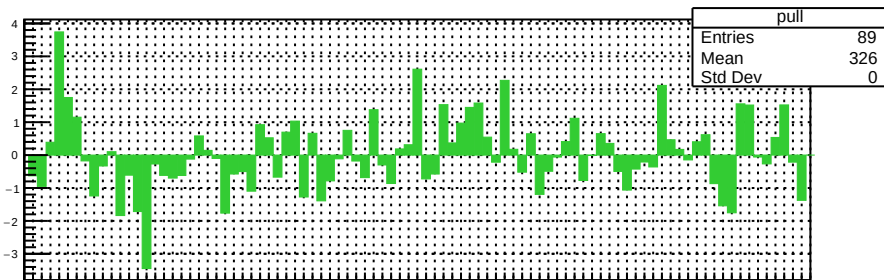
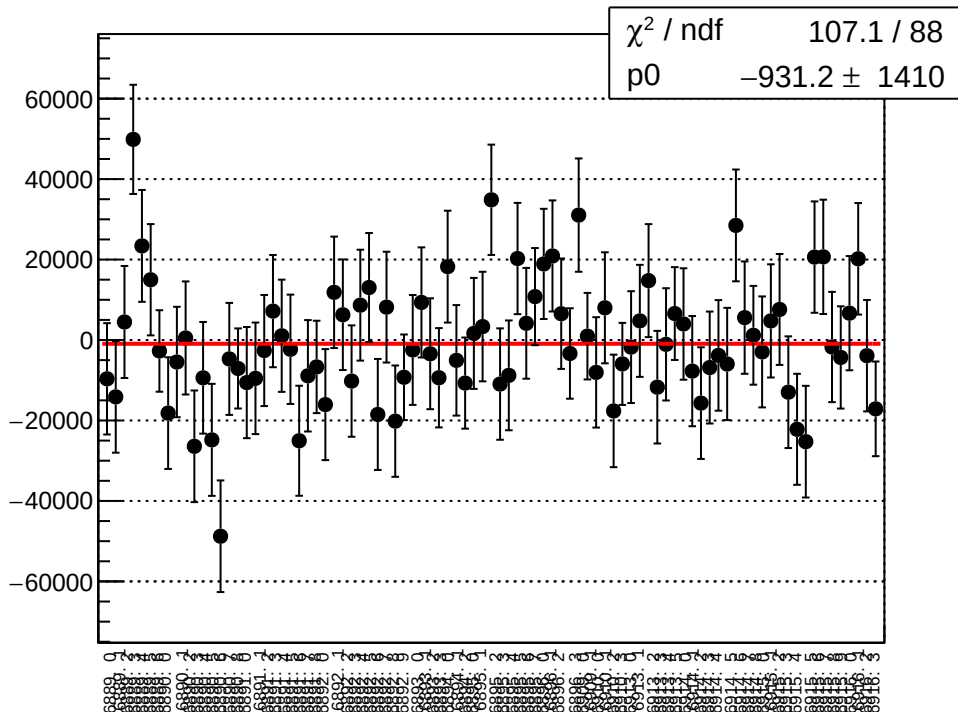


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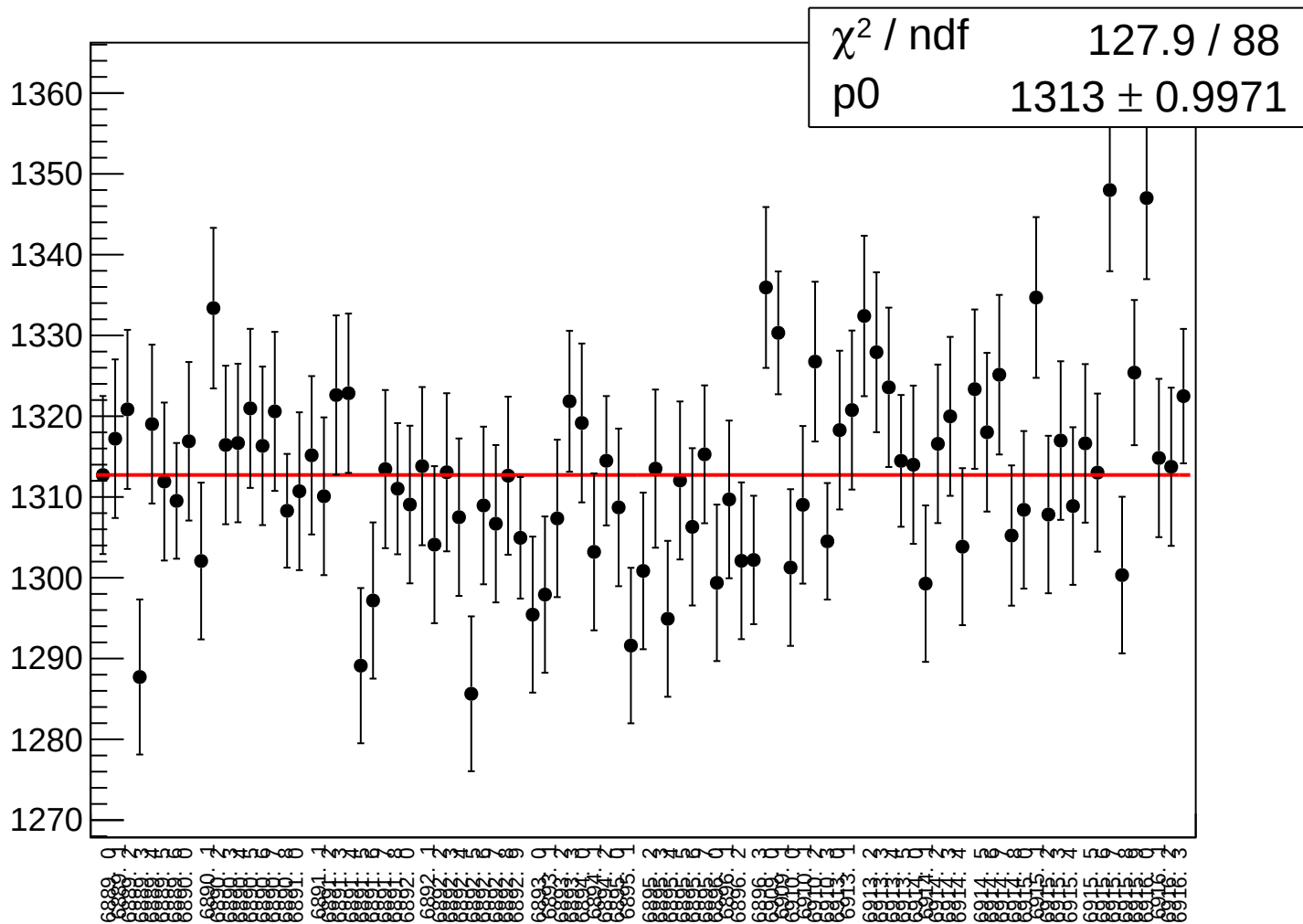
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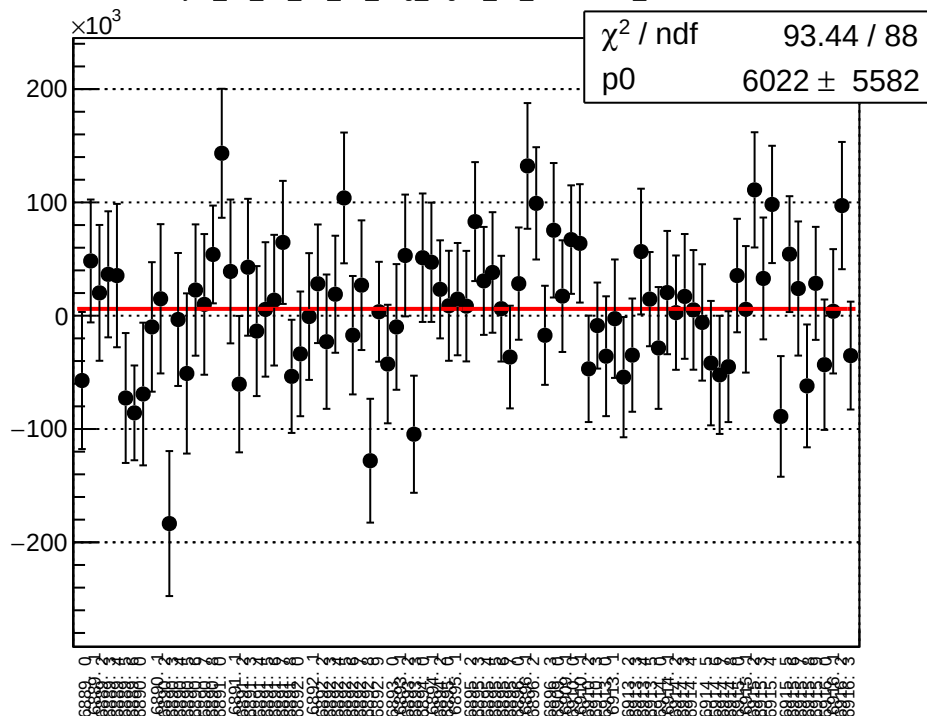
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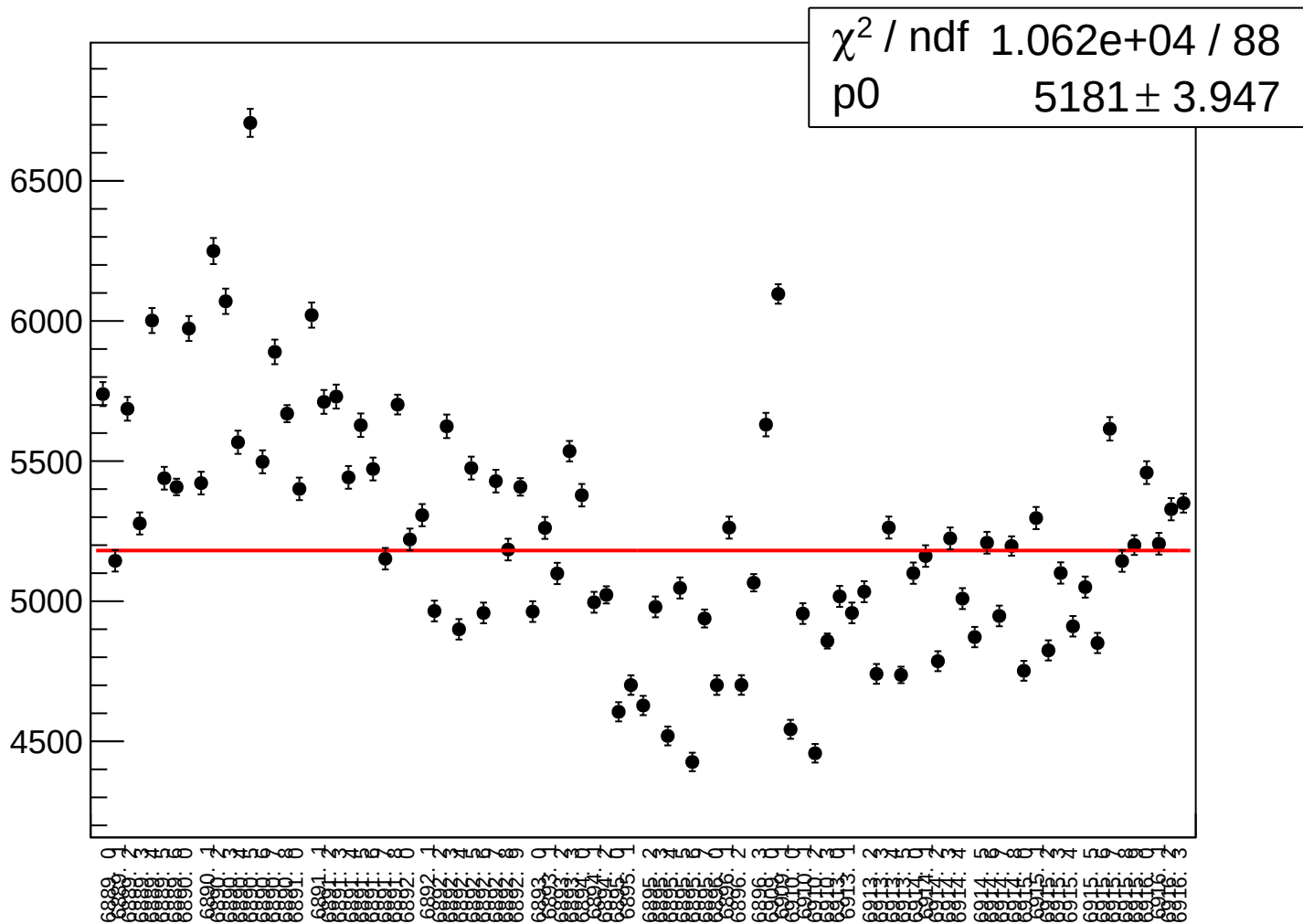


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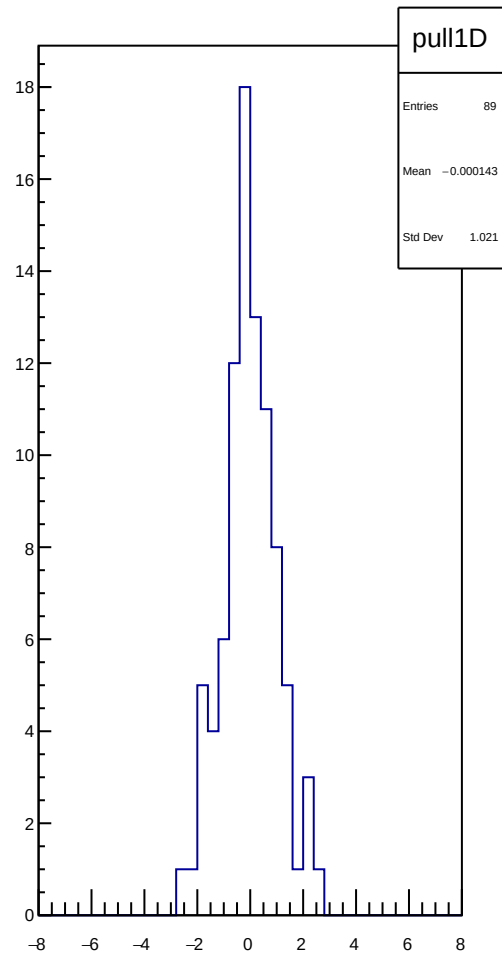
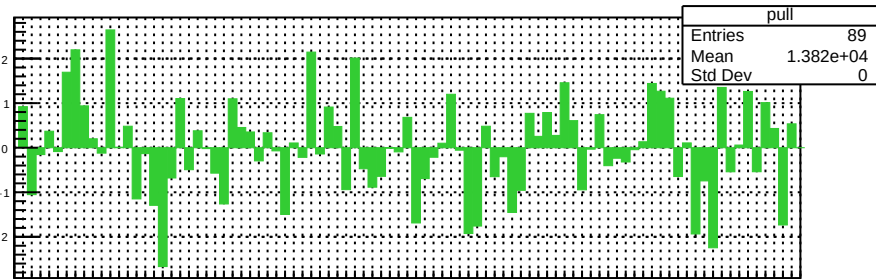
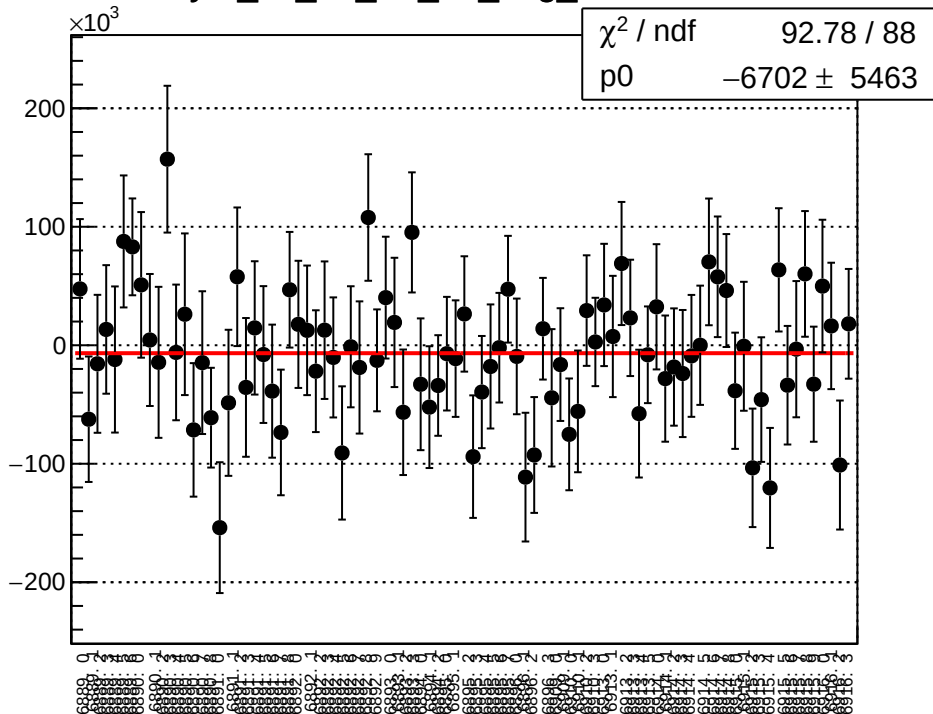


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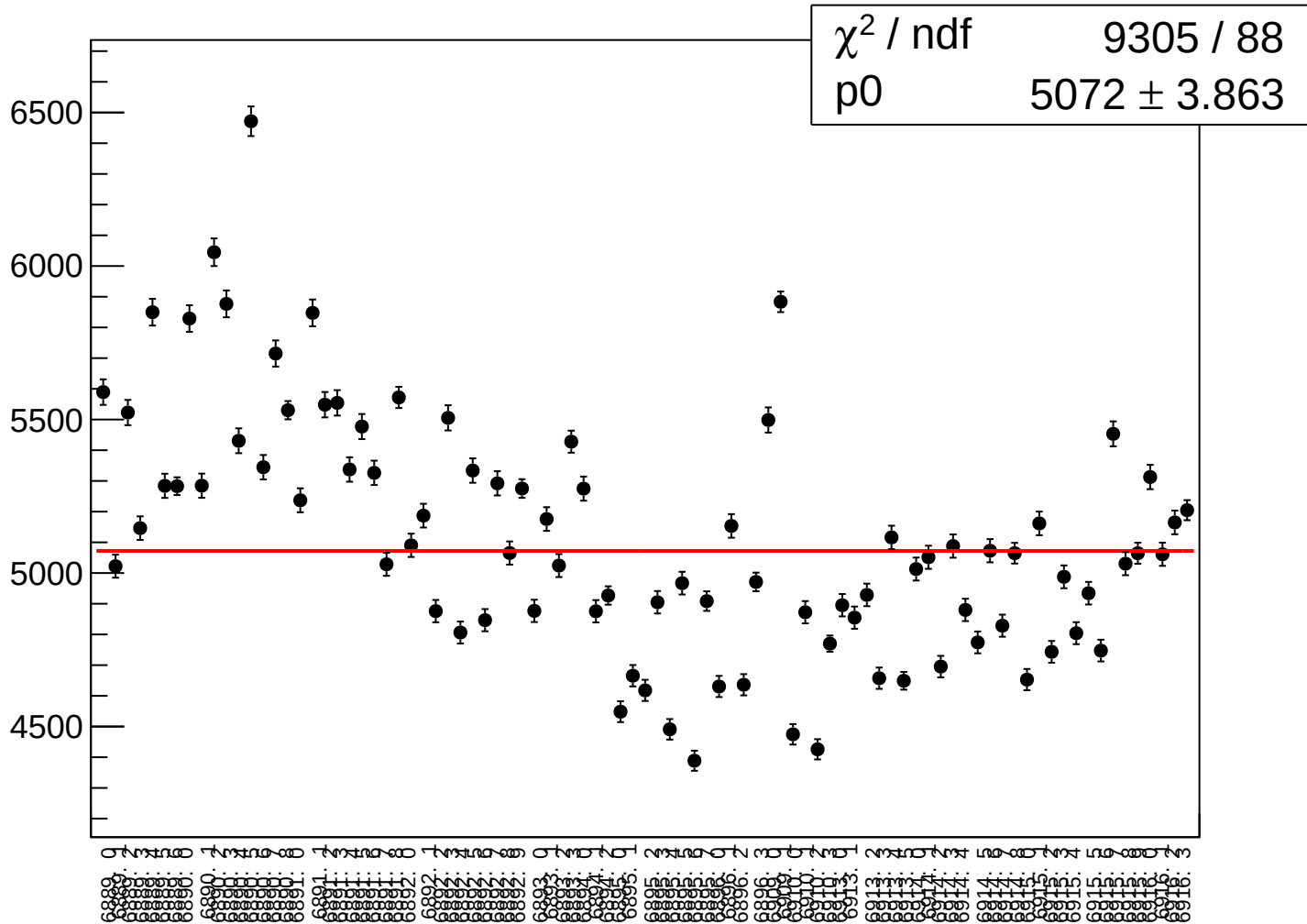
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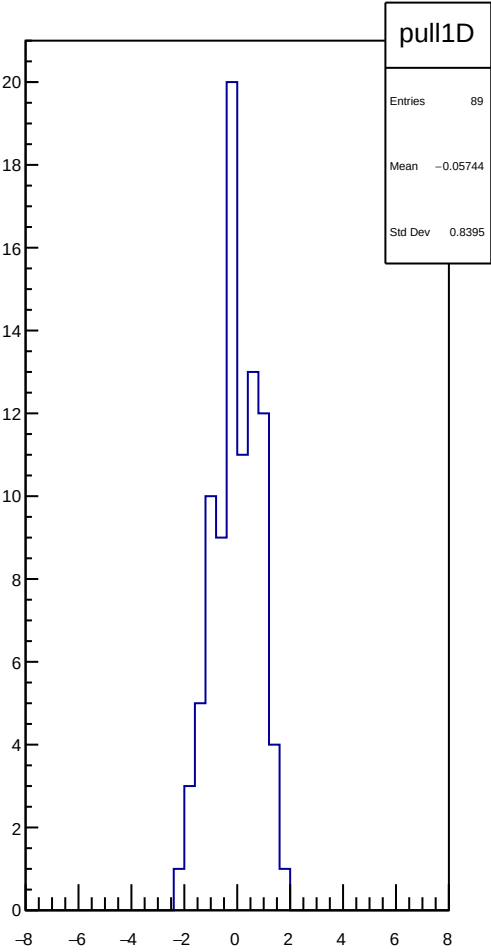
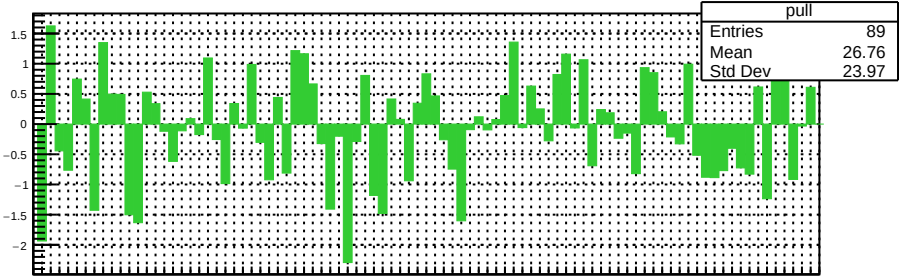
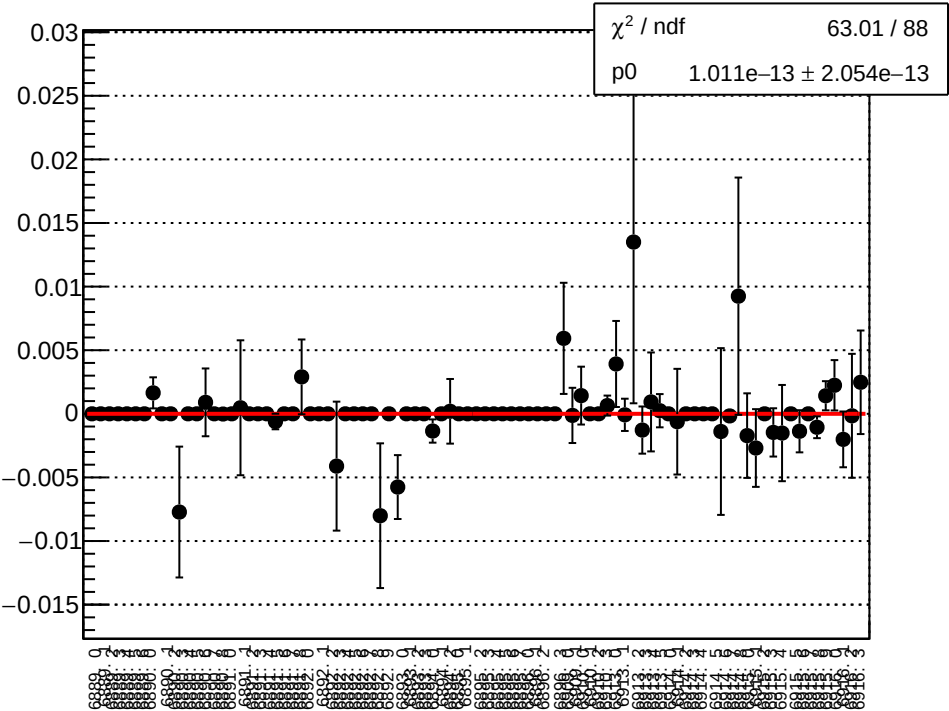
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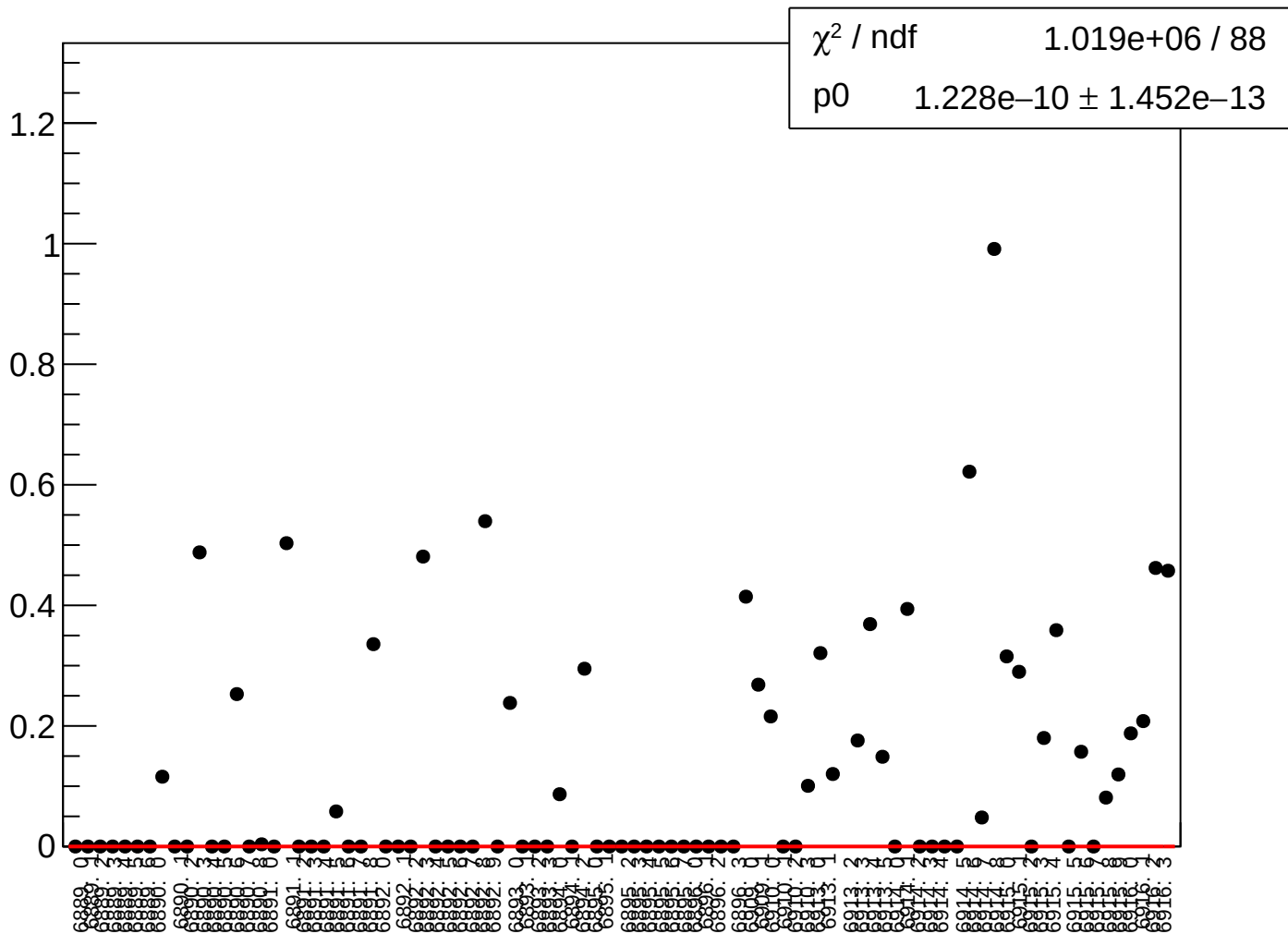
asym_atl_dd_atr_dd_avg_rms vs run



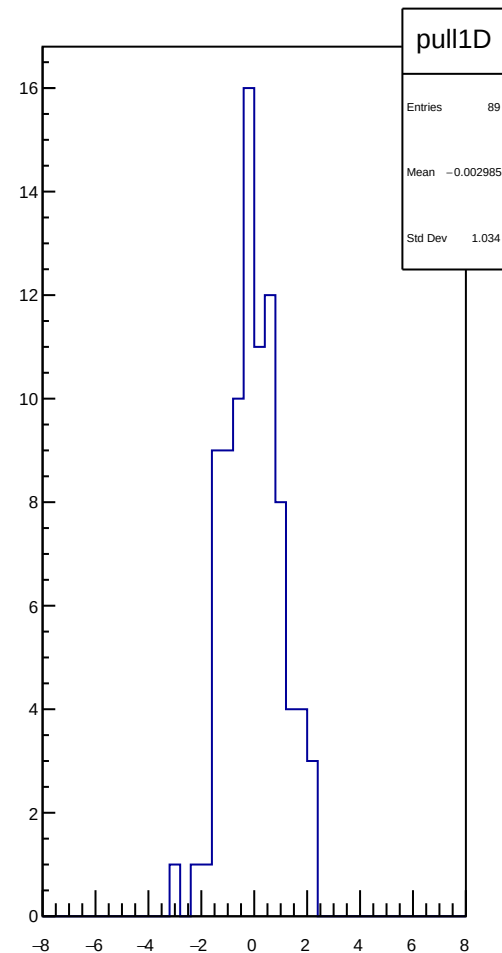
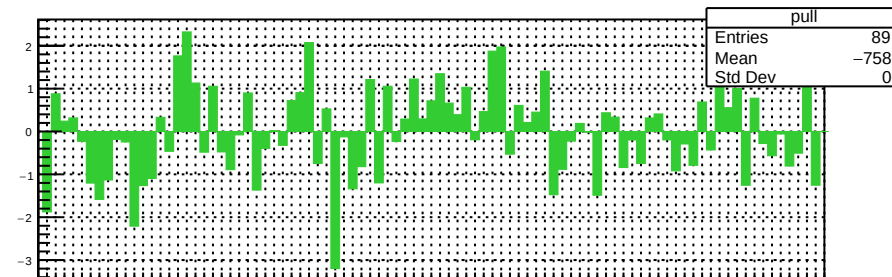
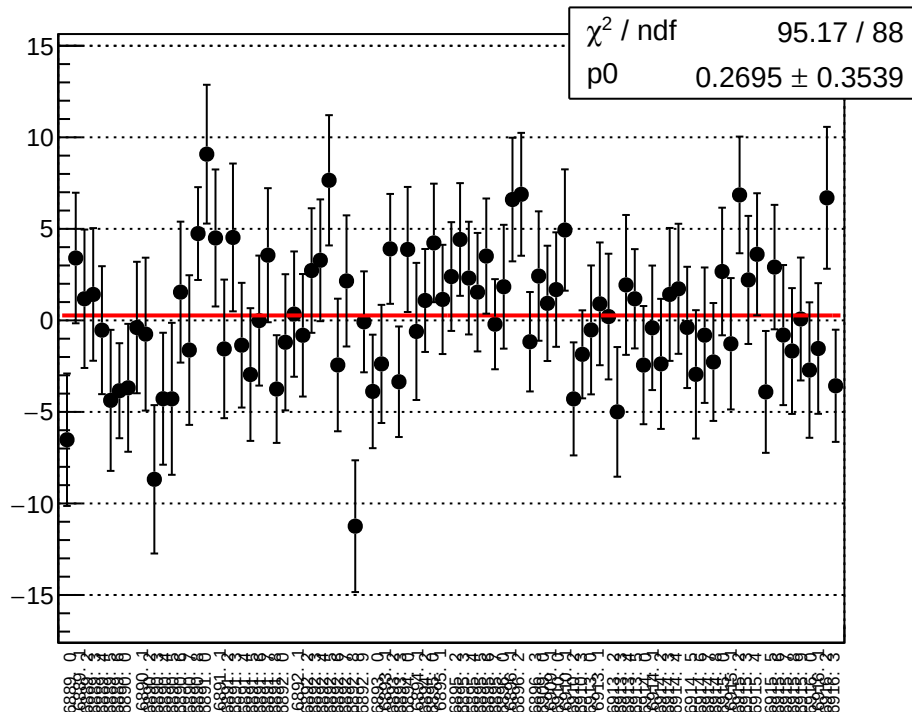
asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs run



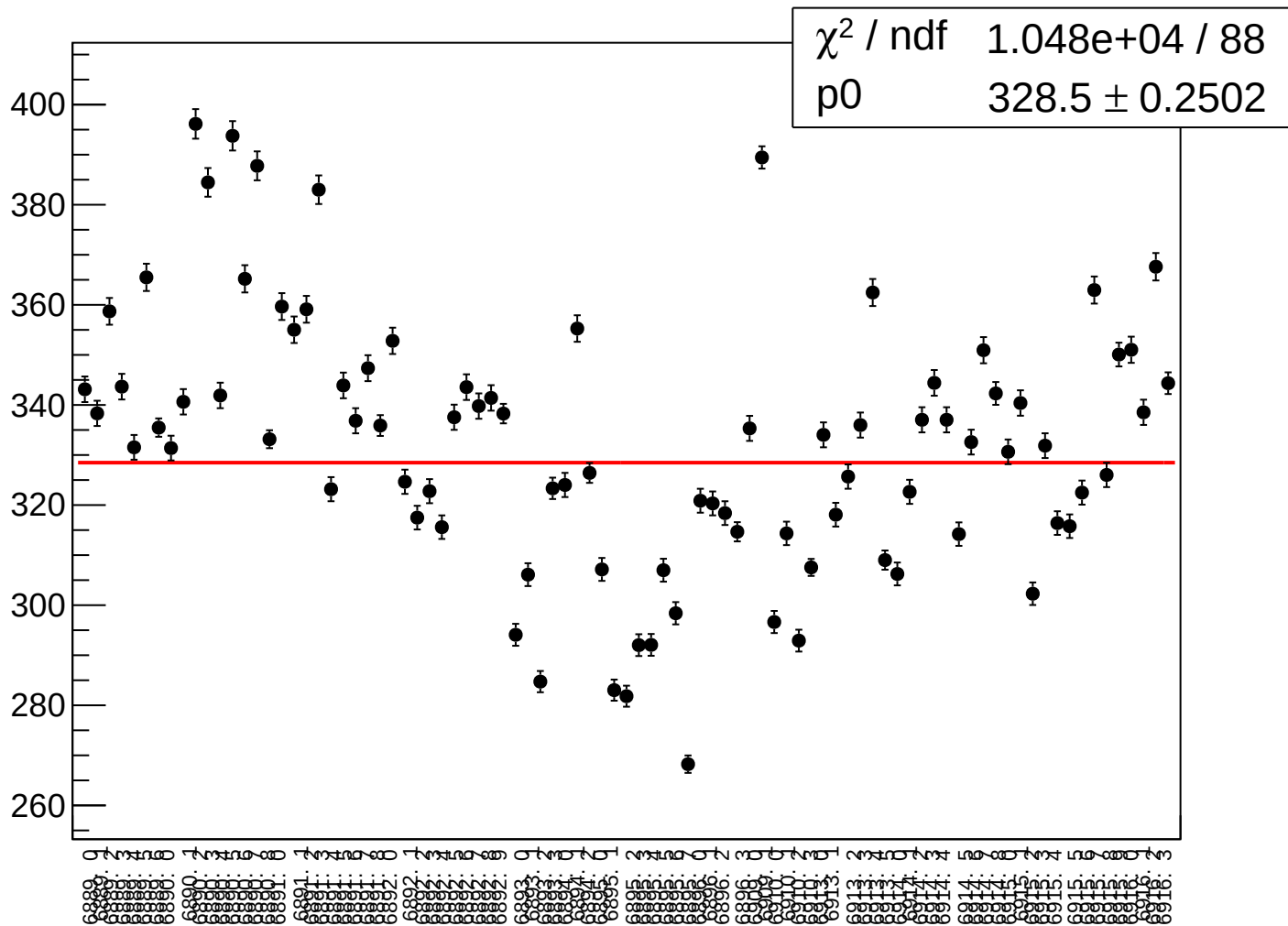
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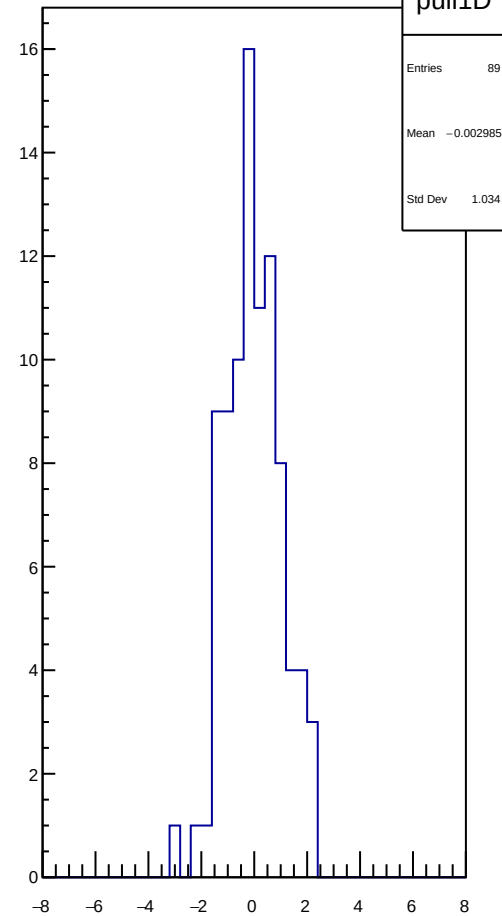
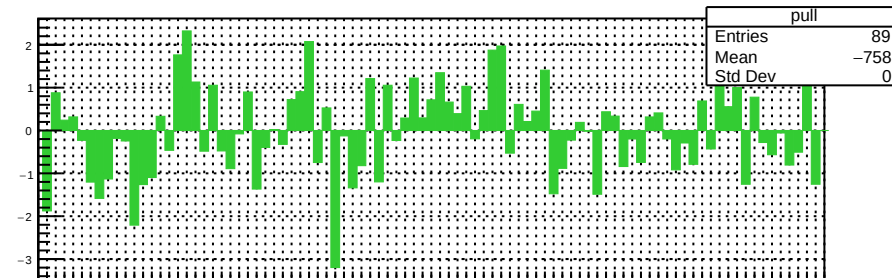
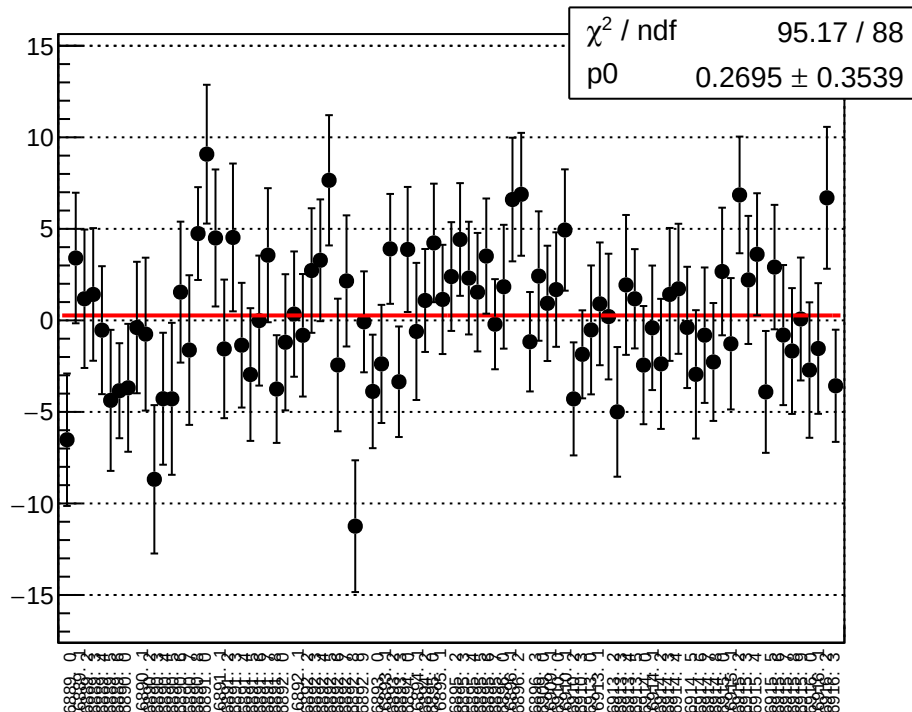
asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs run



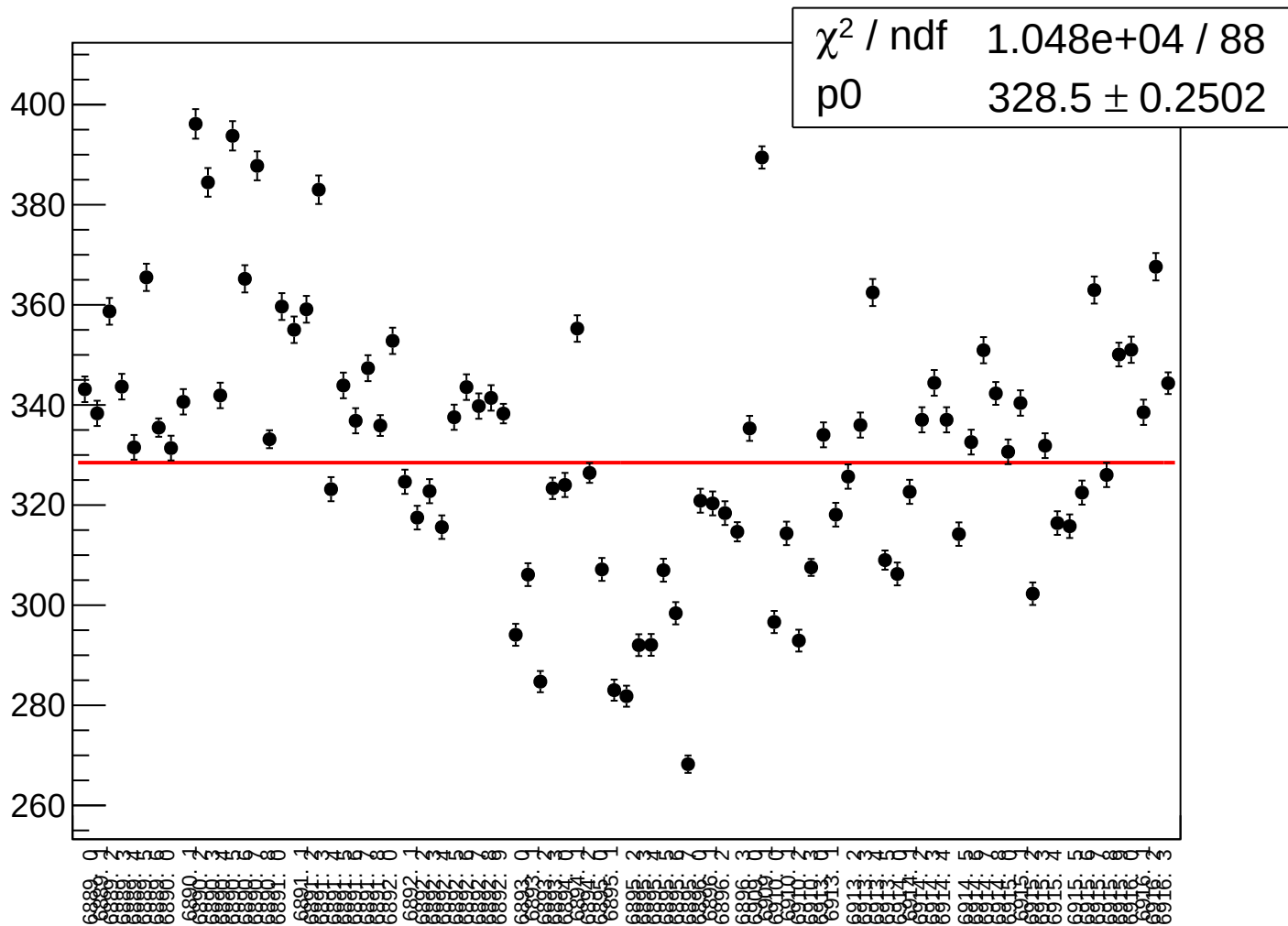
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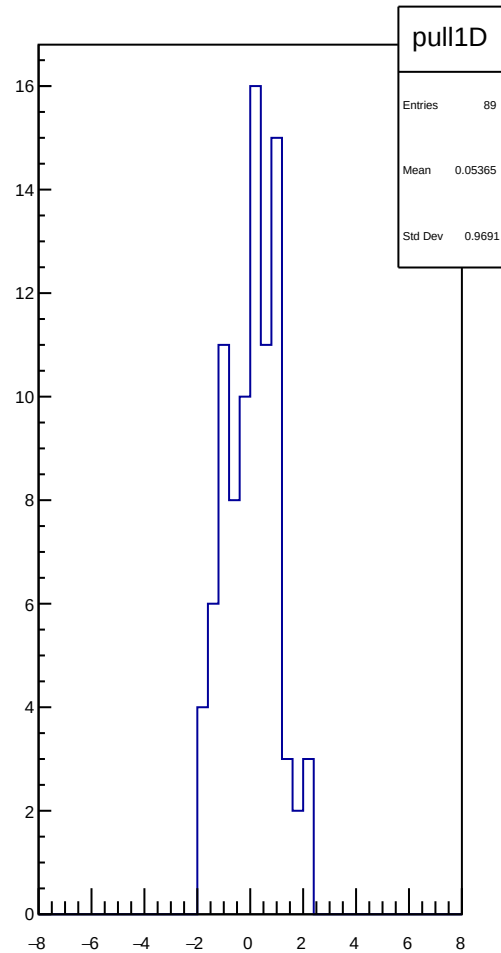
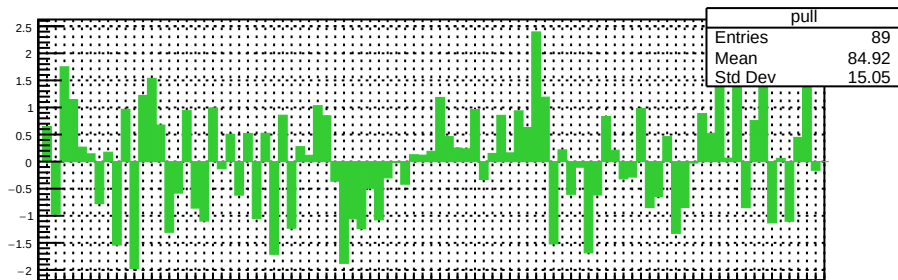
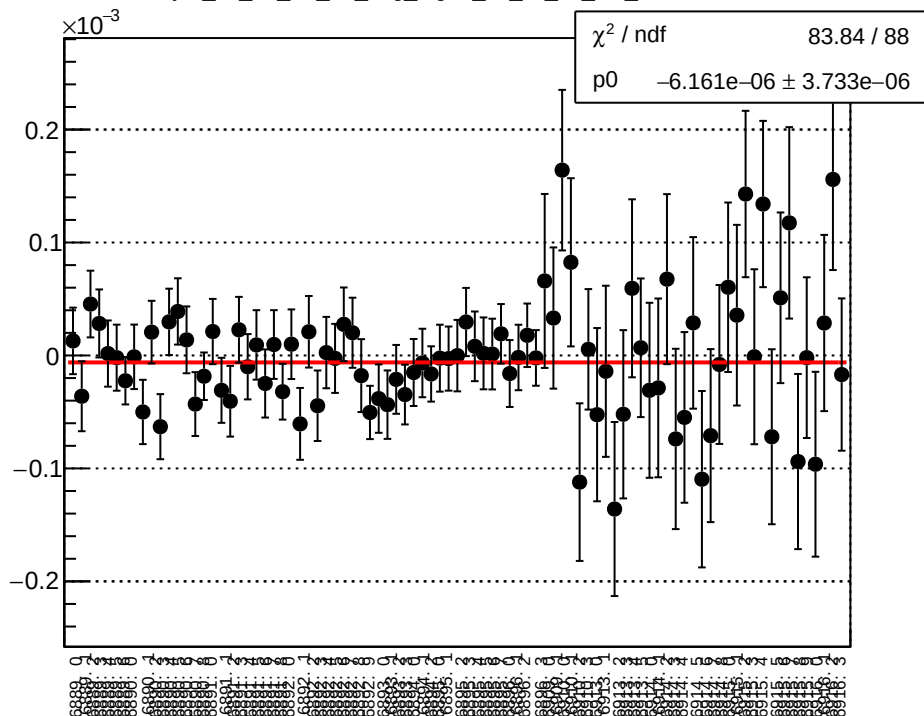
asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs run



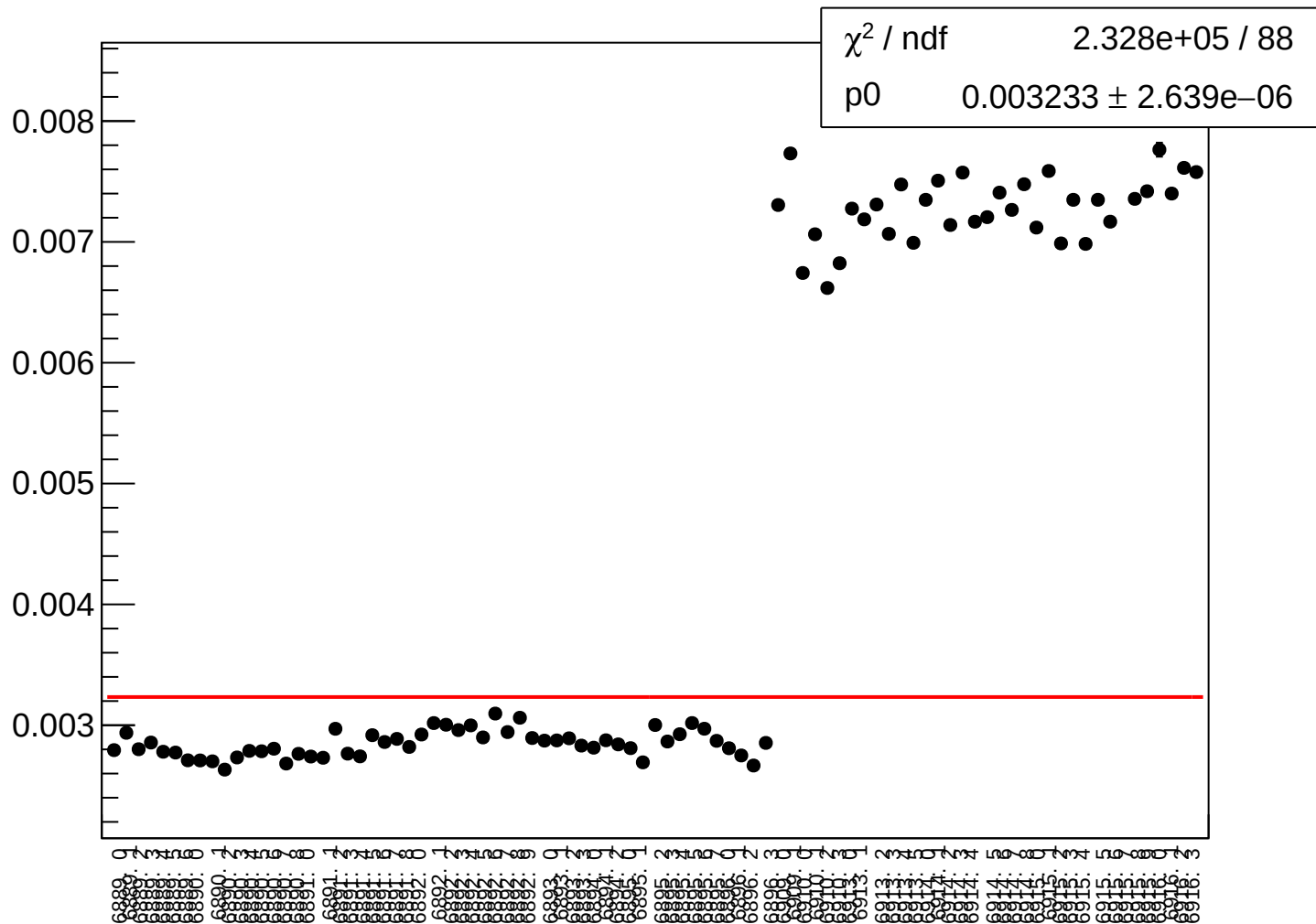
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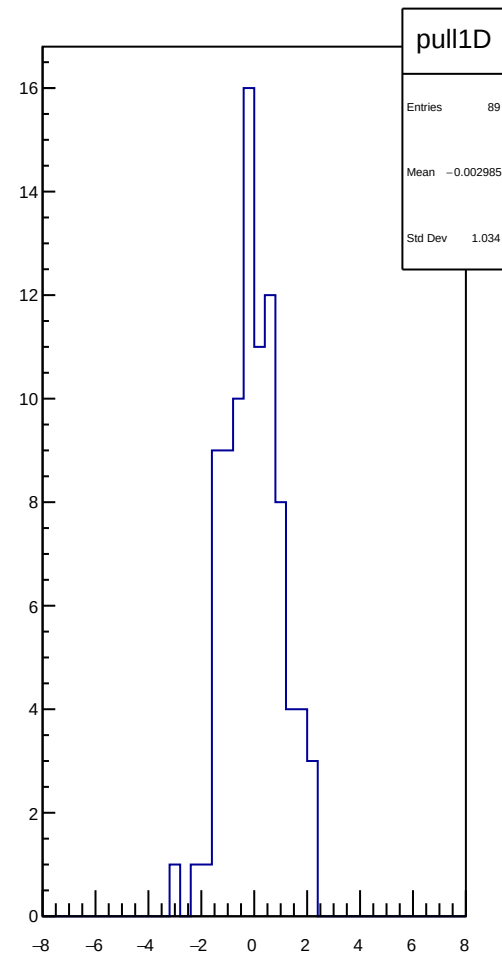
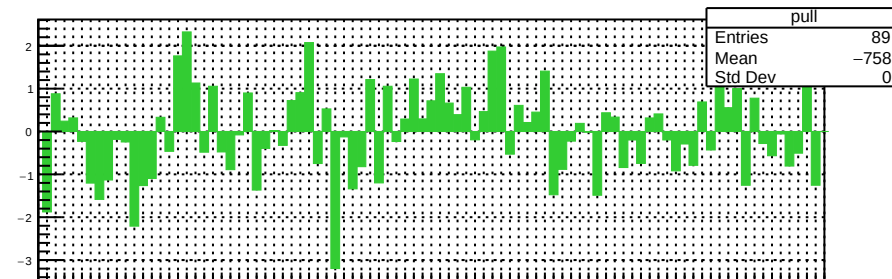
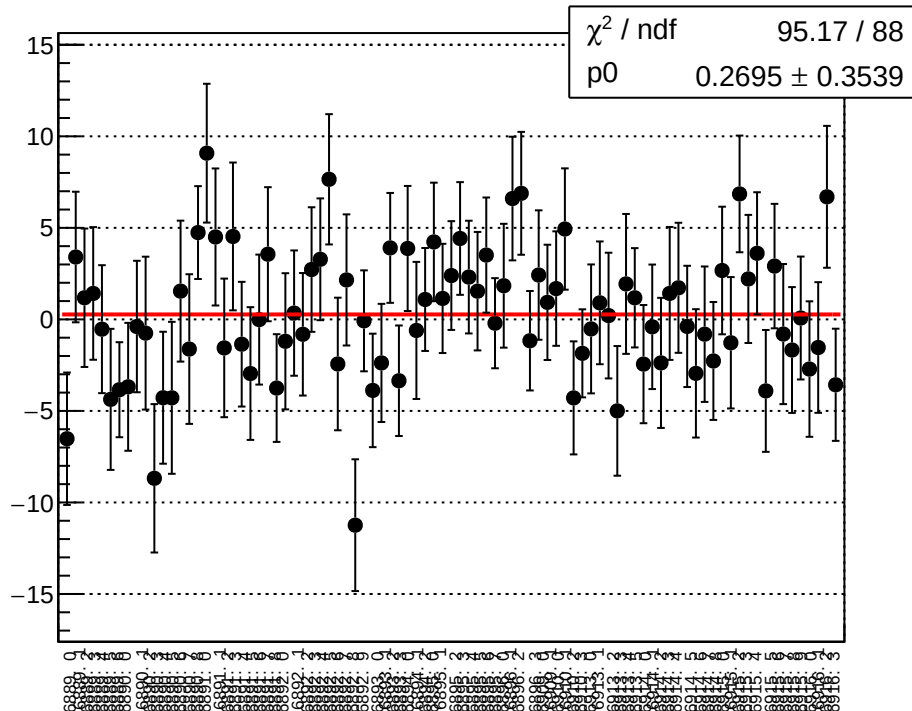
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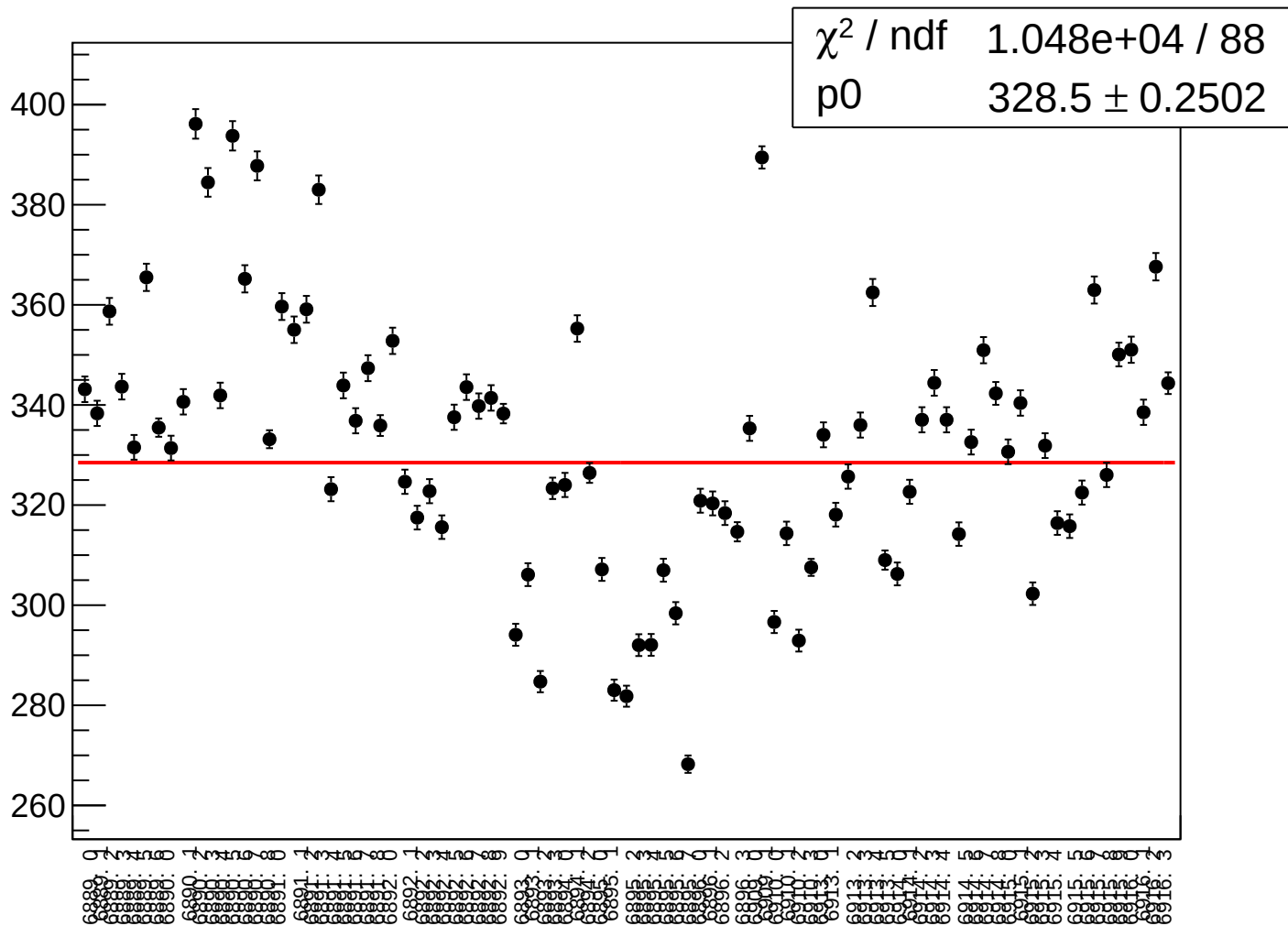
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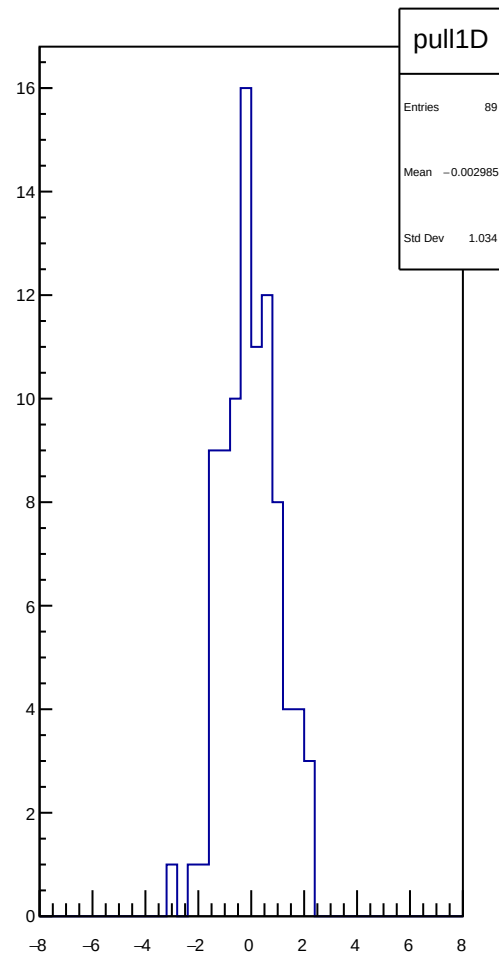
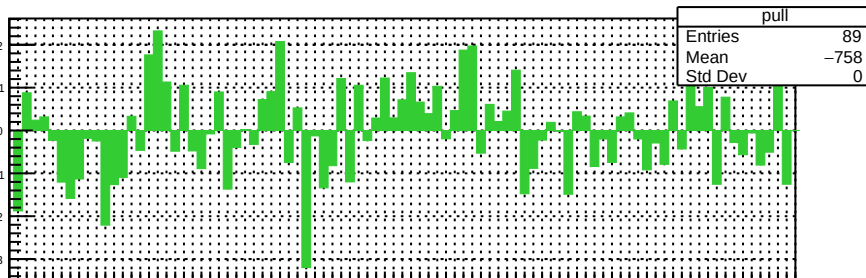
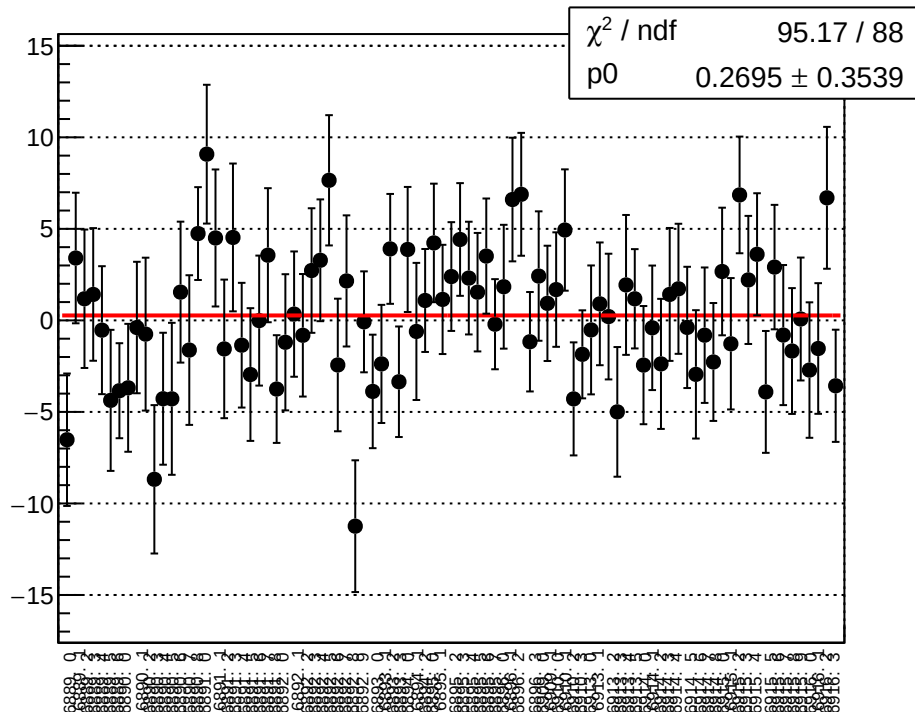
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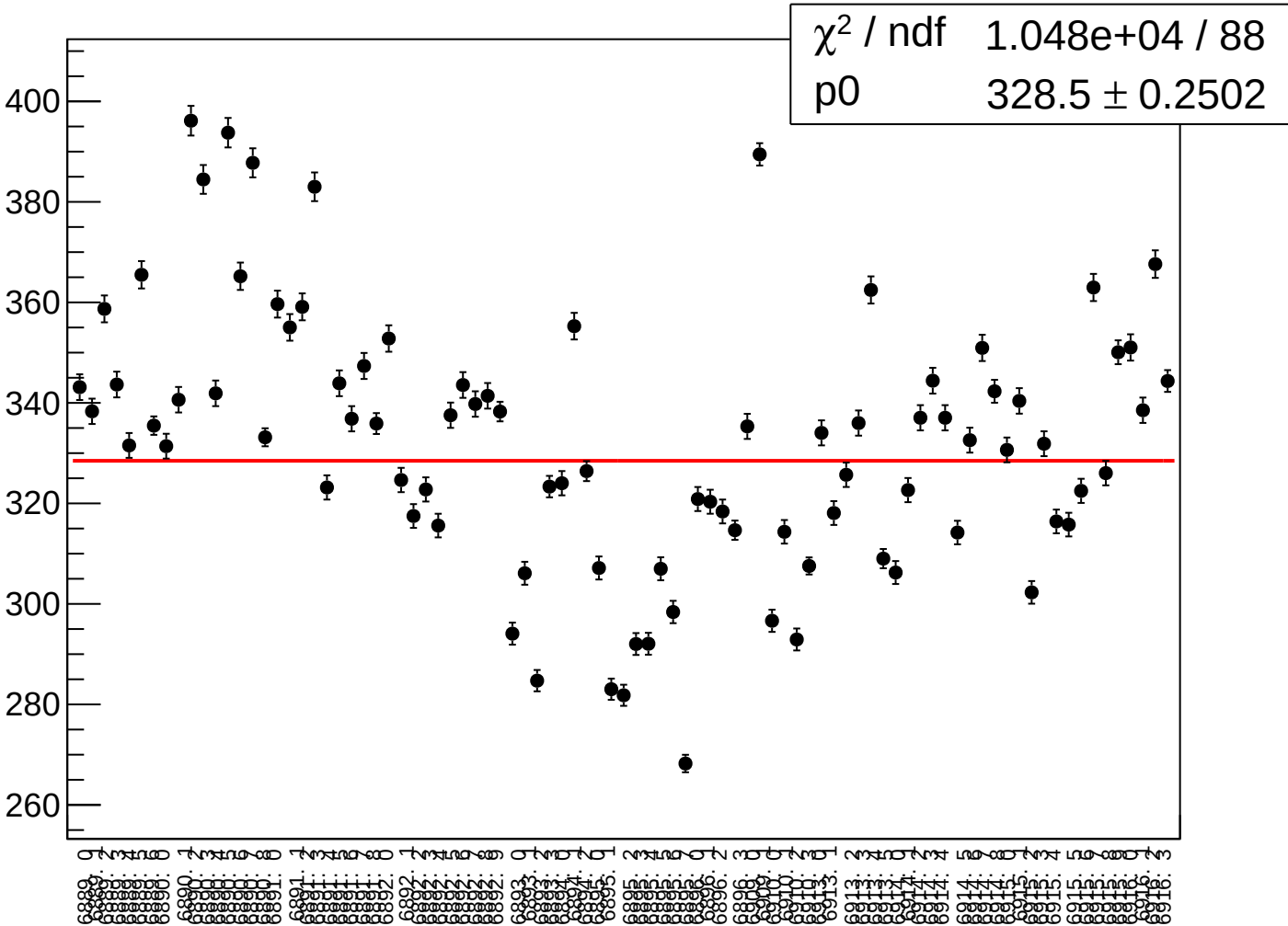
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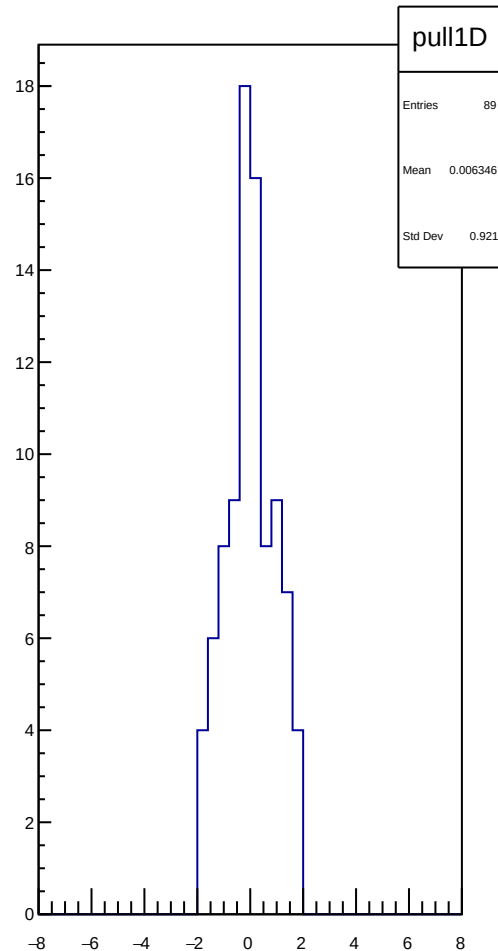
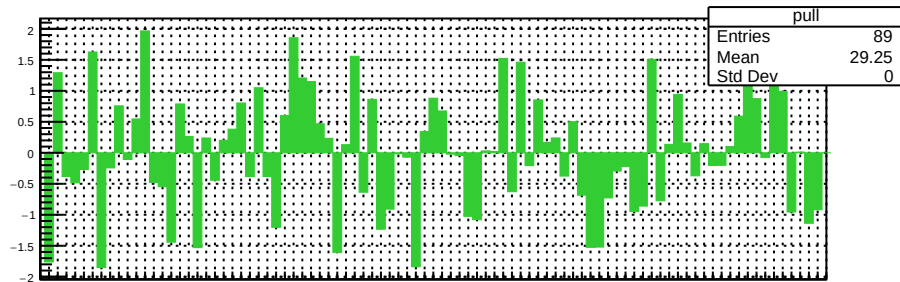
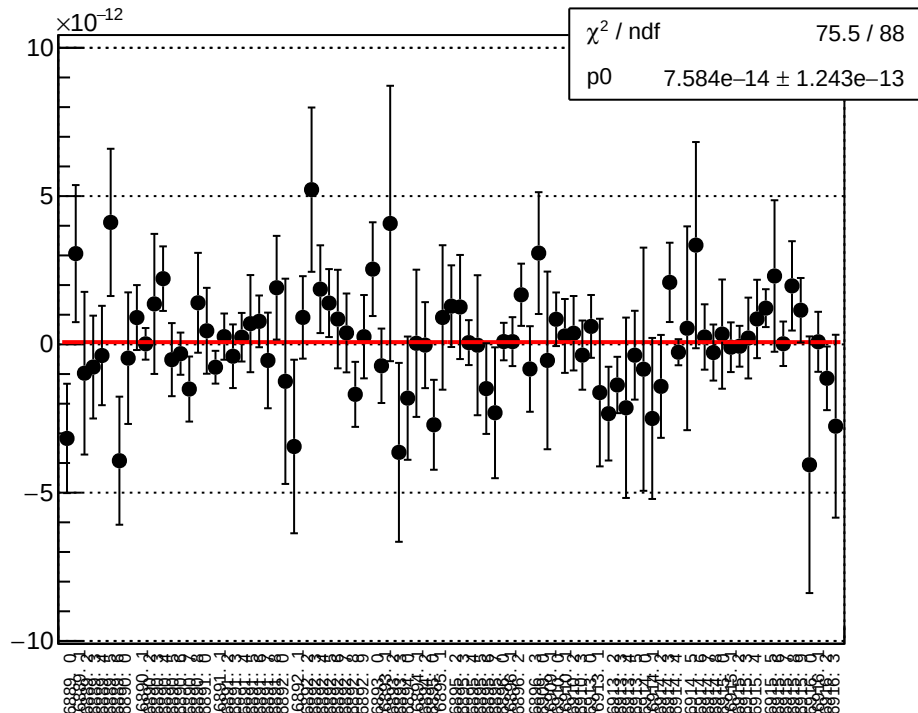
asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs run



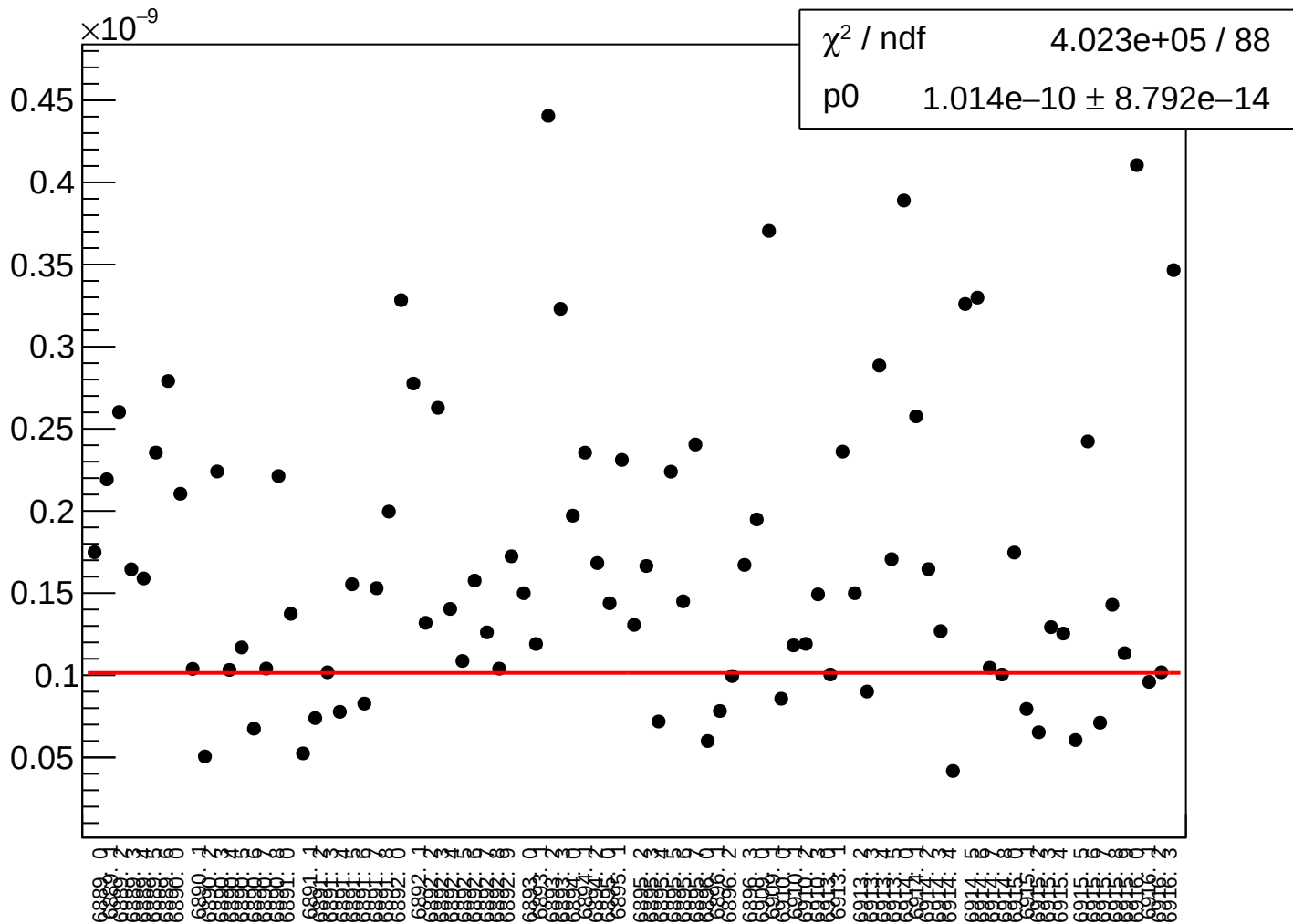
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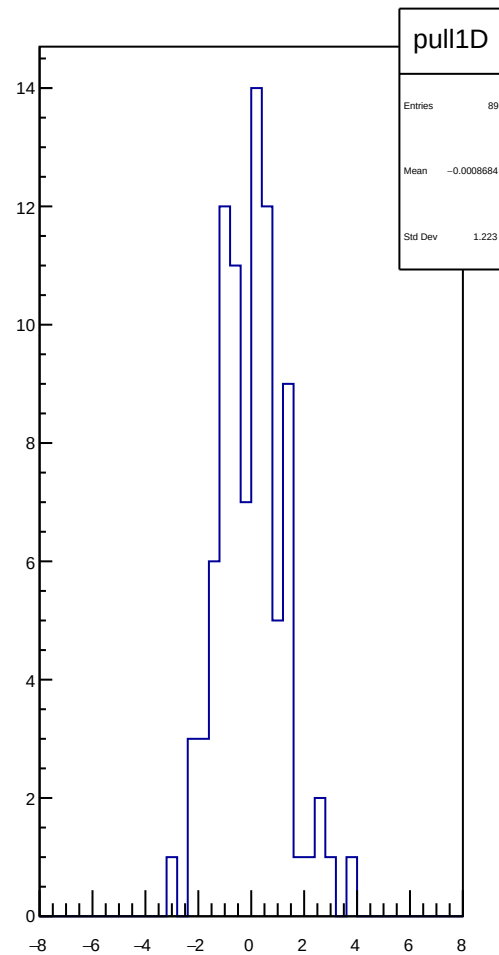
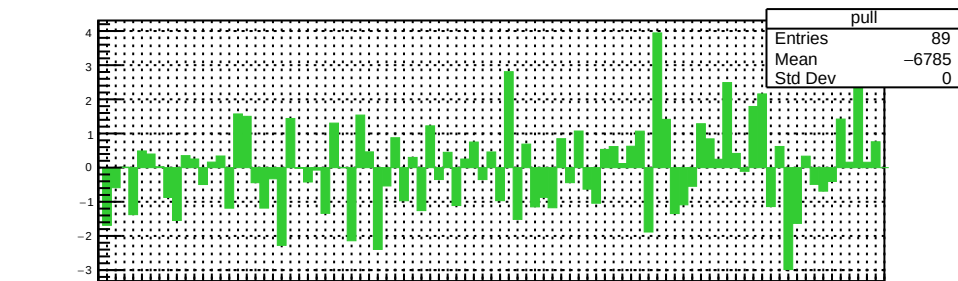
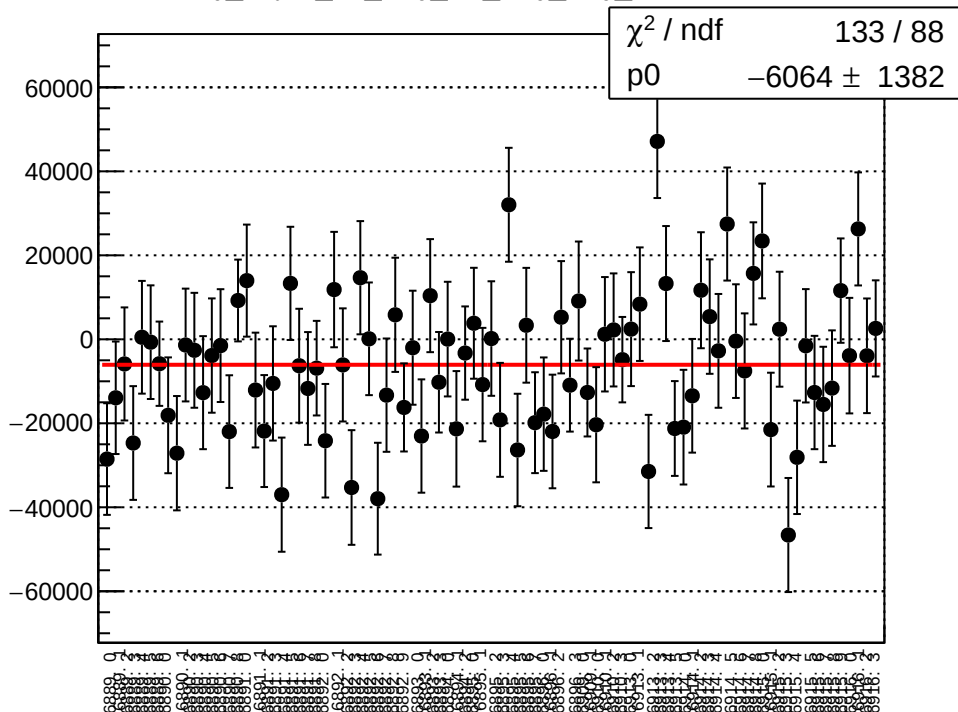
asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_mean vs run



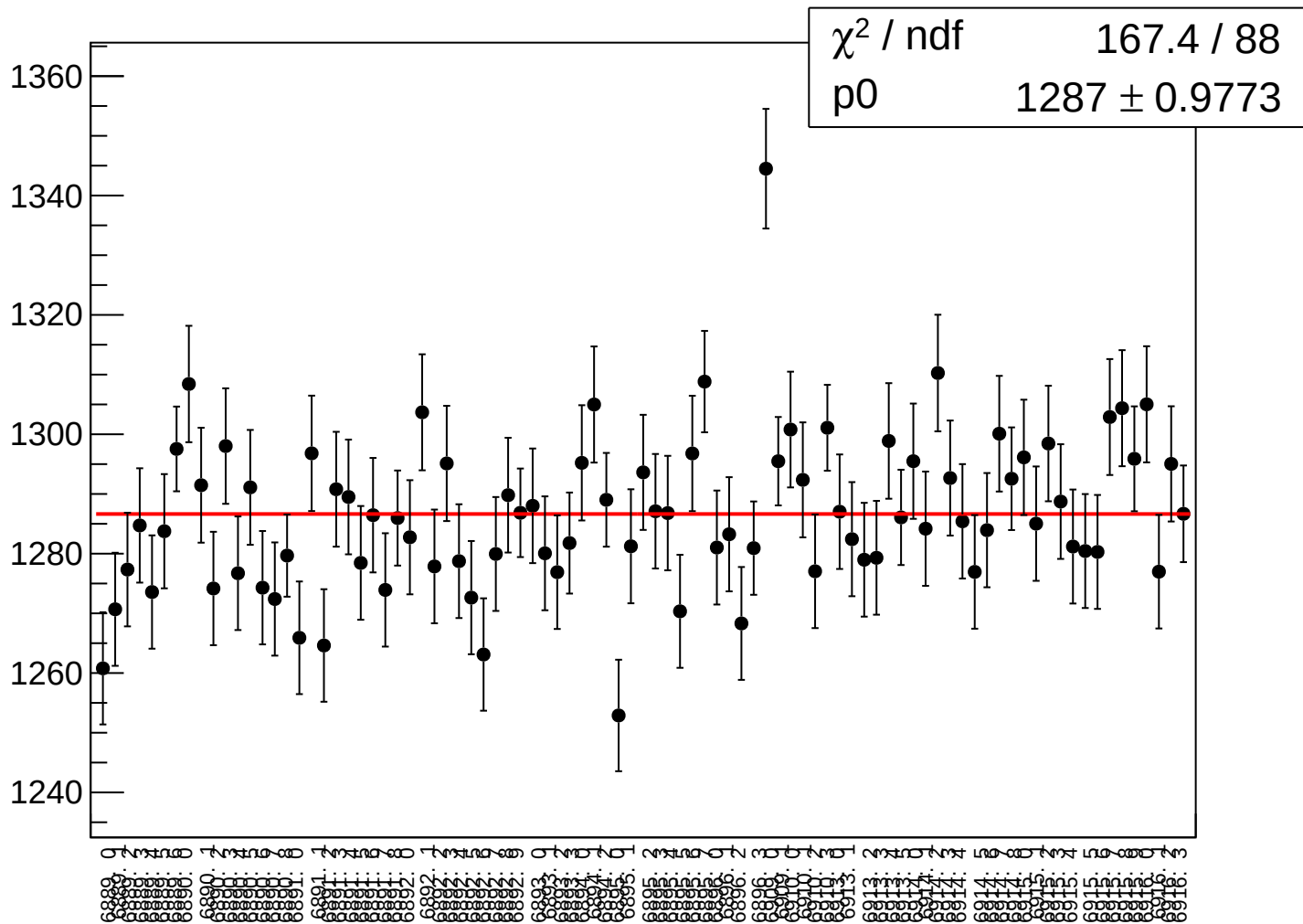
asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_rms vs run



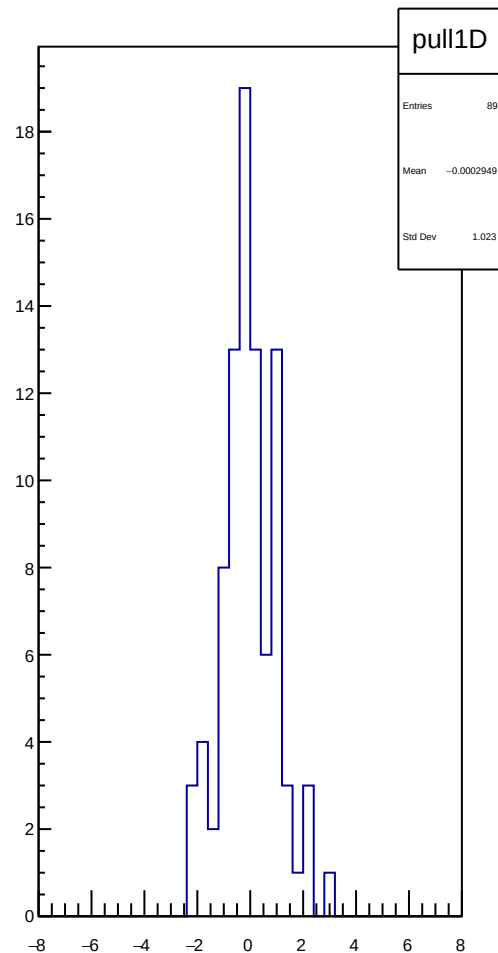
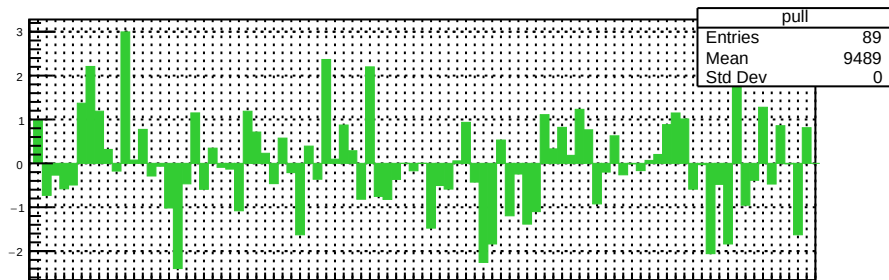
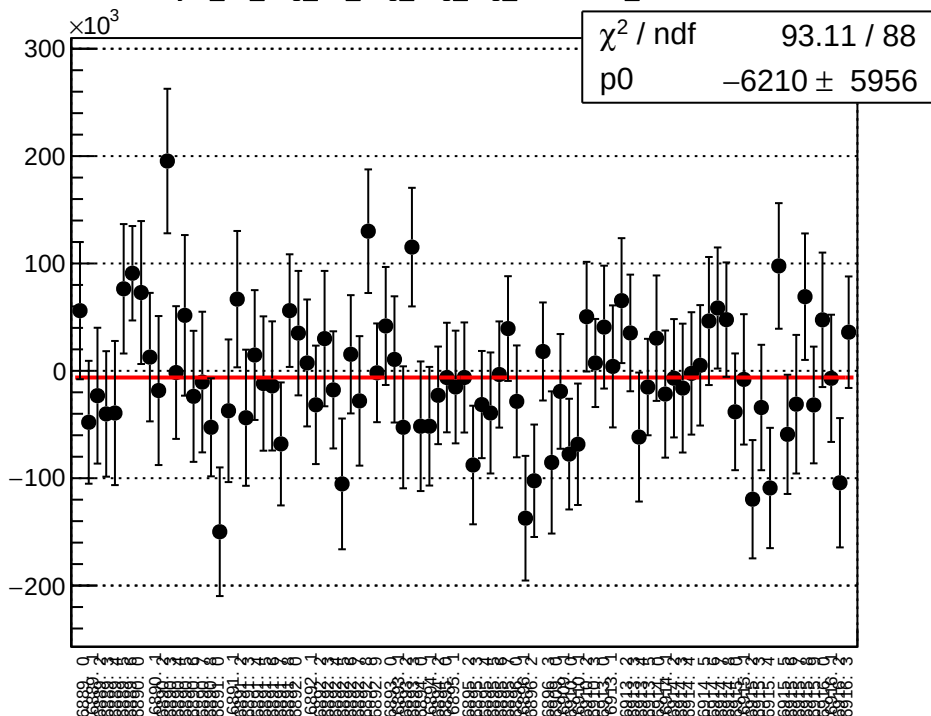
reg_asym_atl_avg_atr_avg_avg_mean vs run



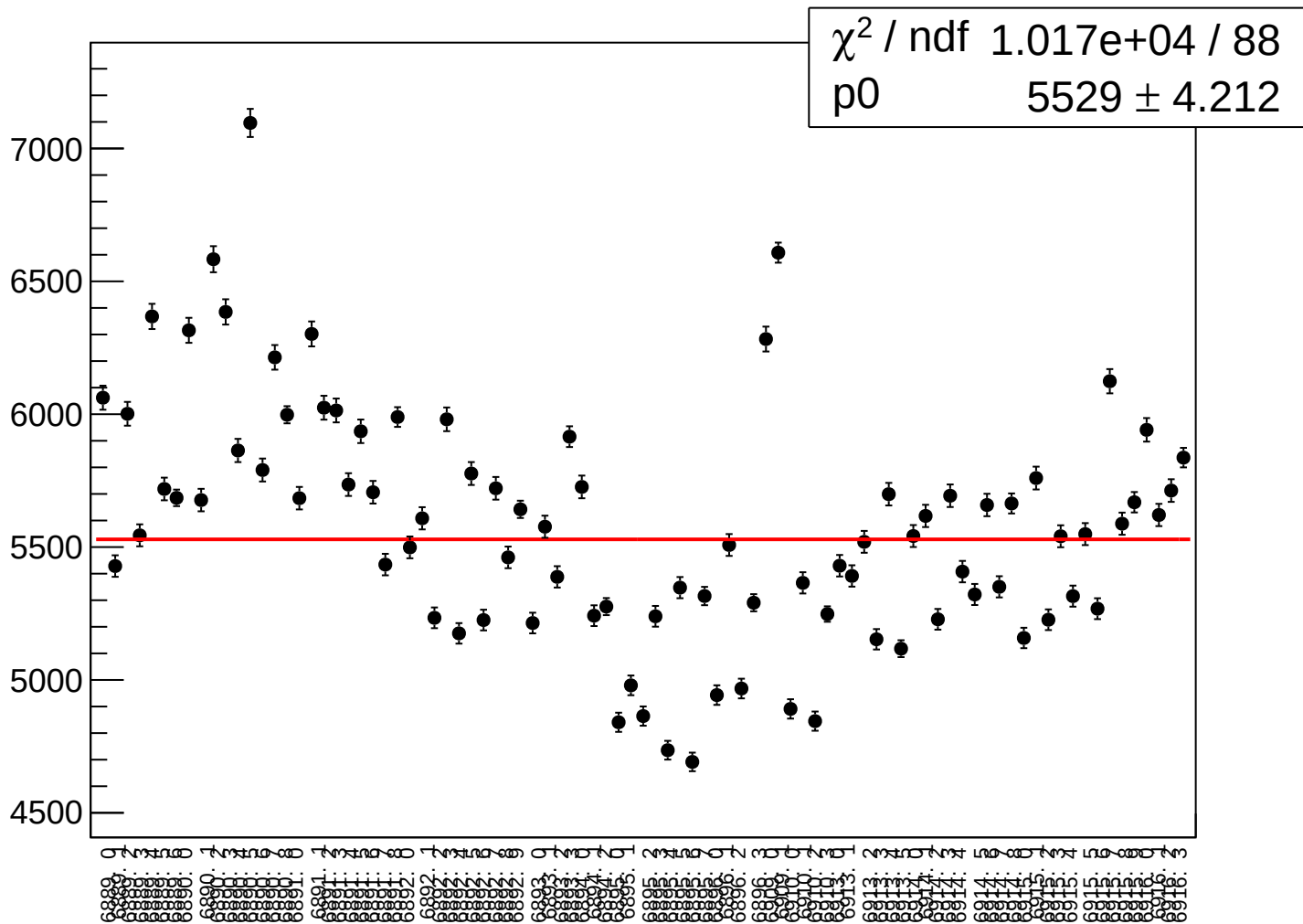
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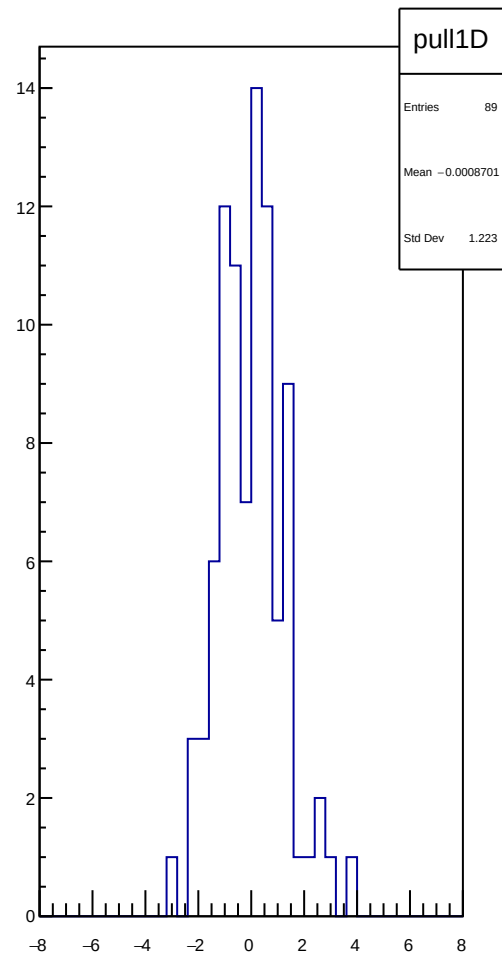
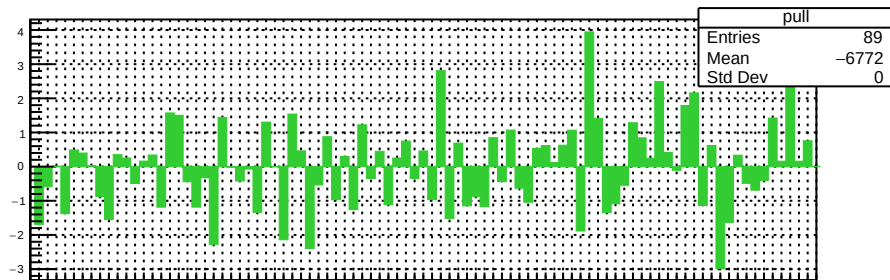
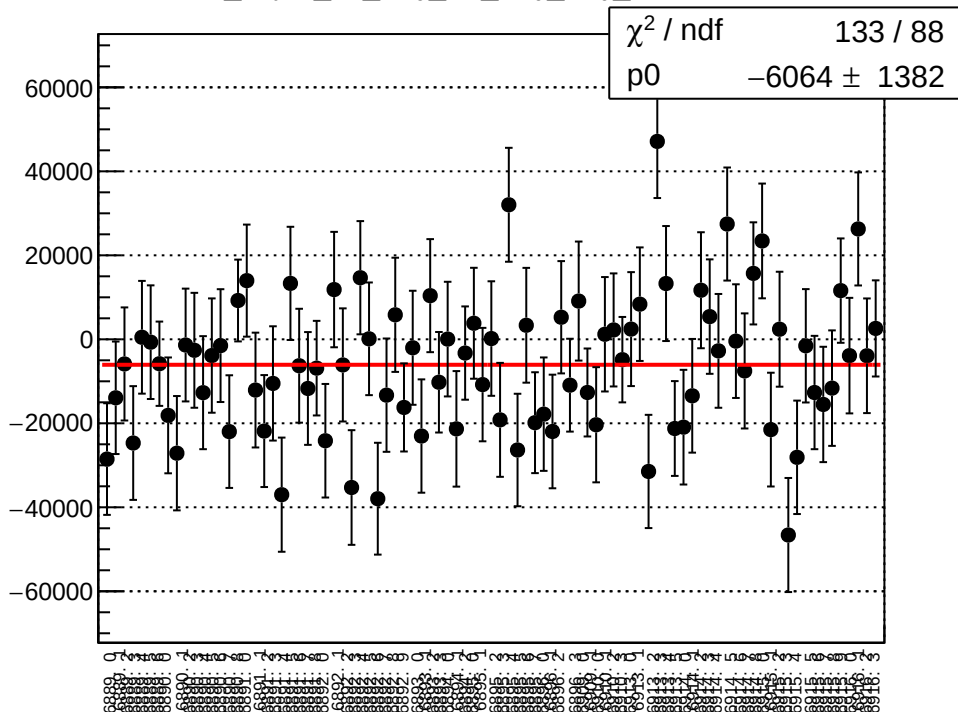
asym_atl_avg_atr_avg_avg_reg_correction_mean vs run



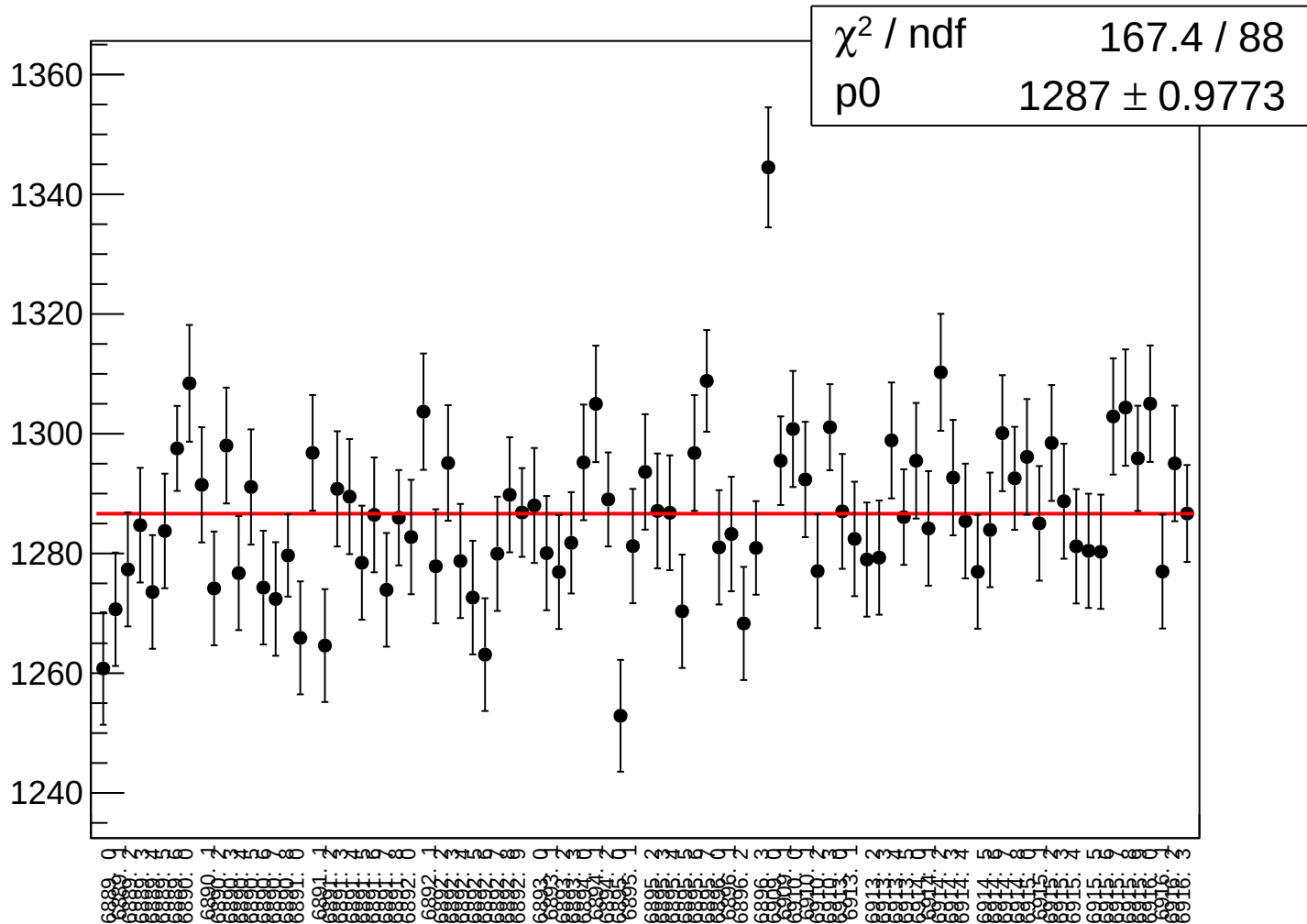
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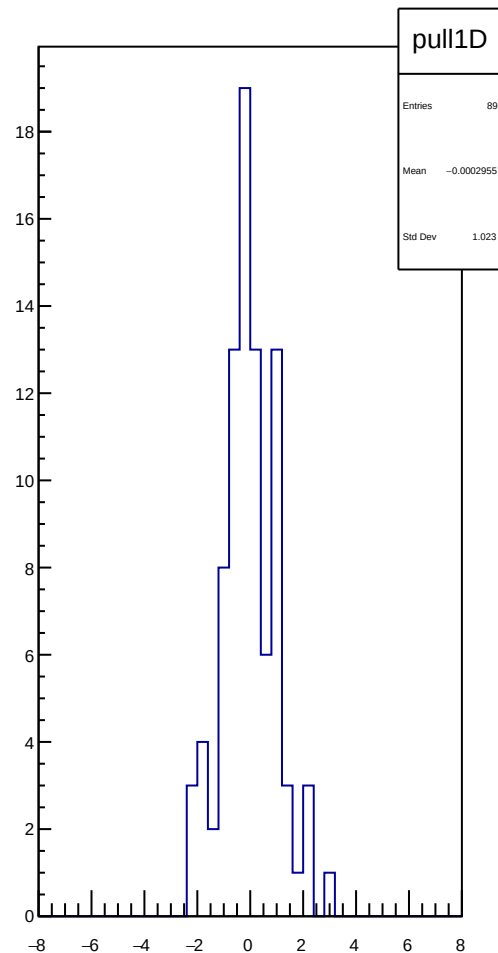
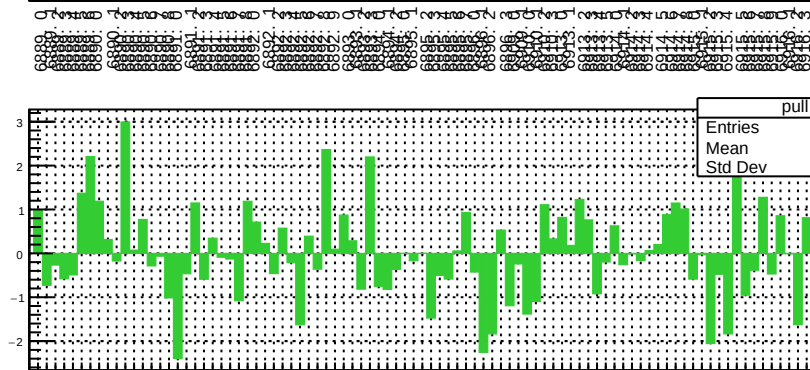
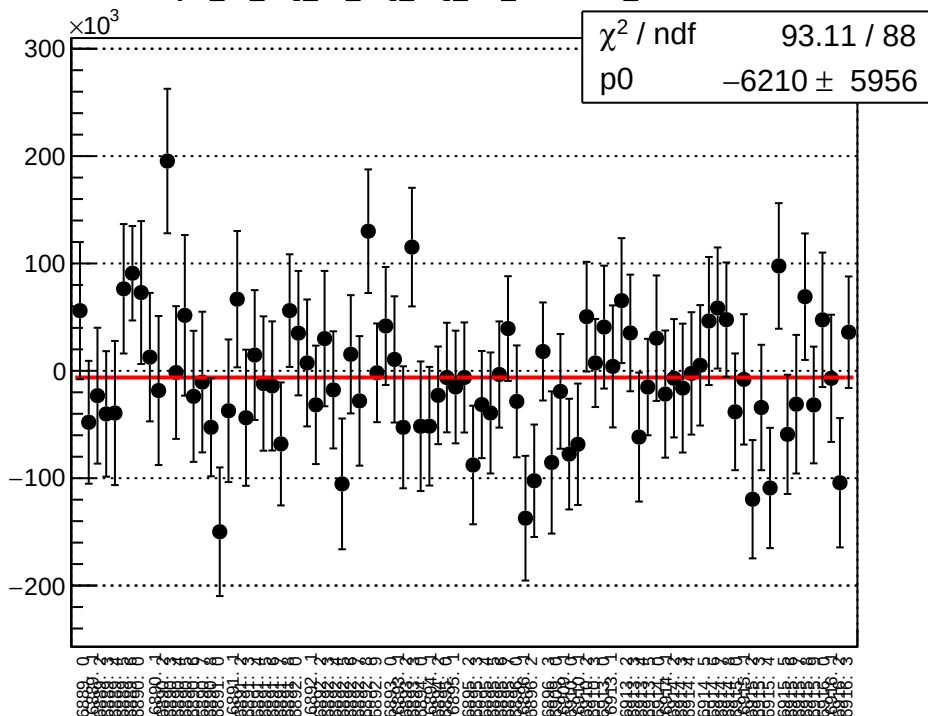
cor_asym_atl_avg_atr_avg_avg_mean vs run



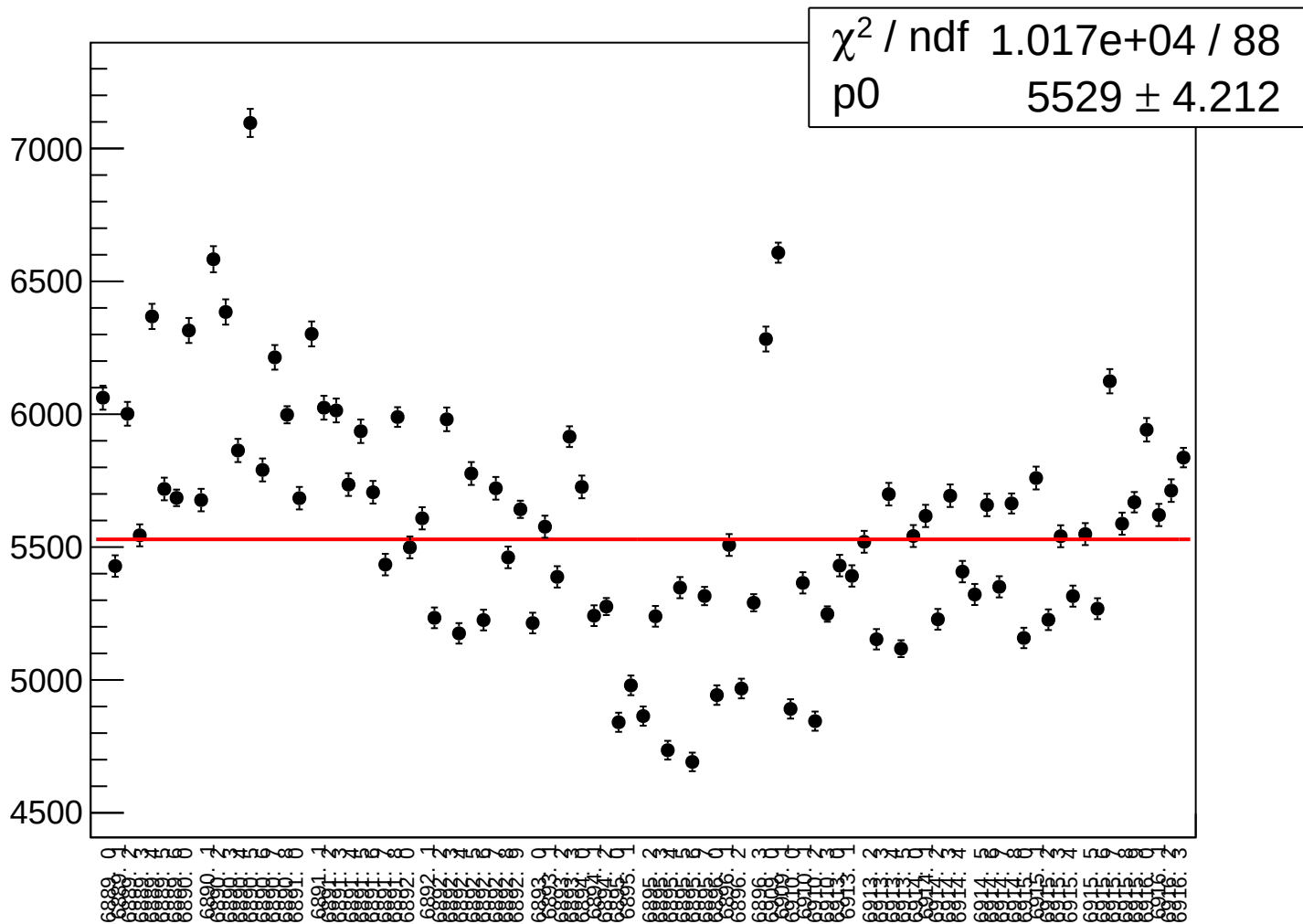
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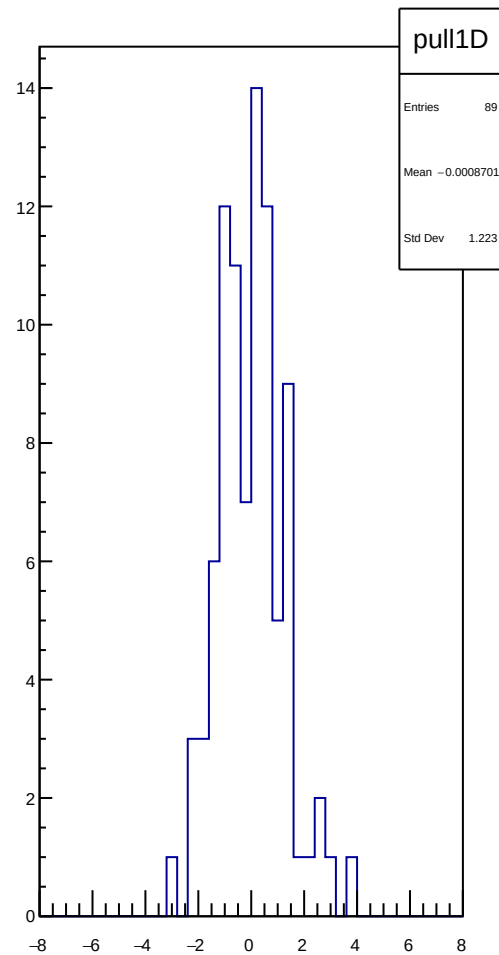
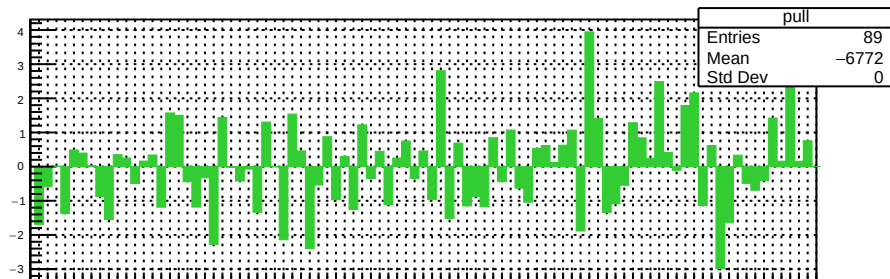
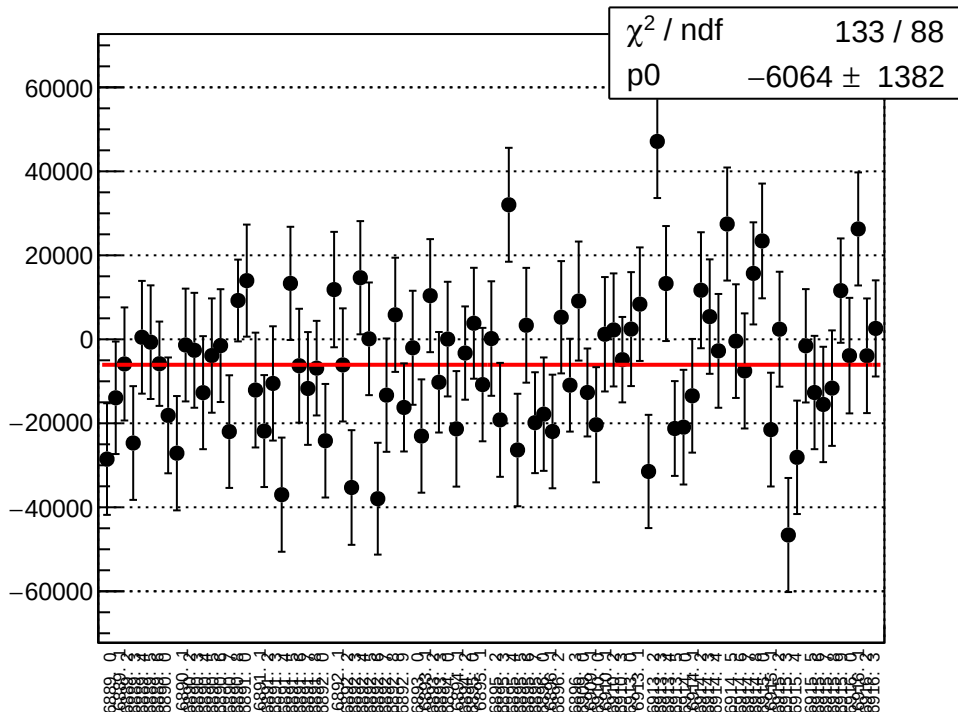
asym_atl_avg_atr_avg_avg_cor_correction_mean vs run



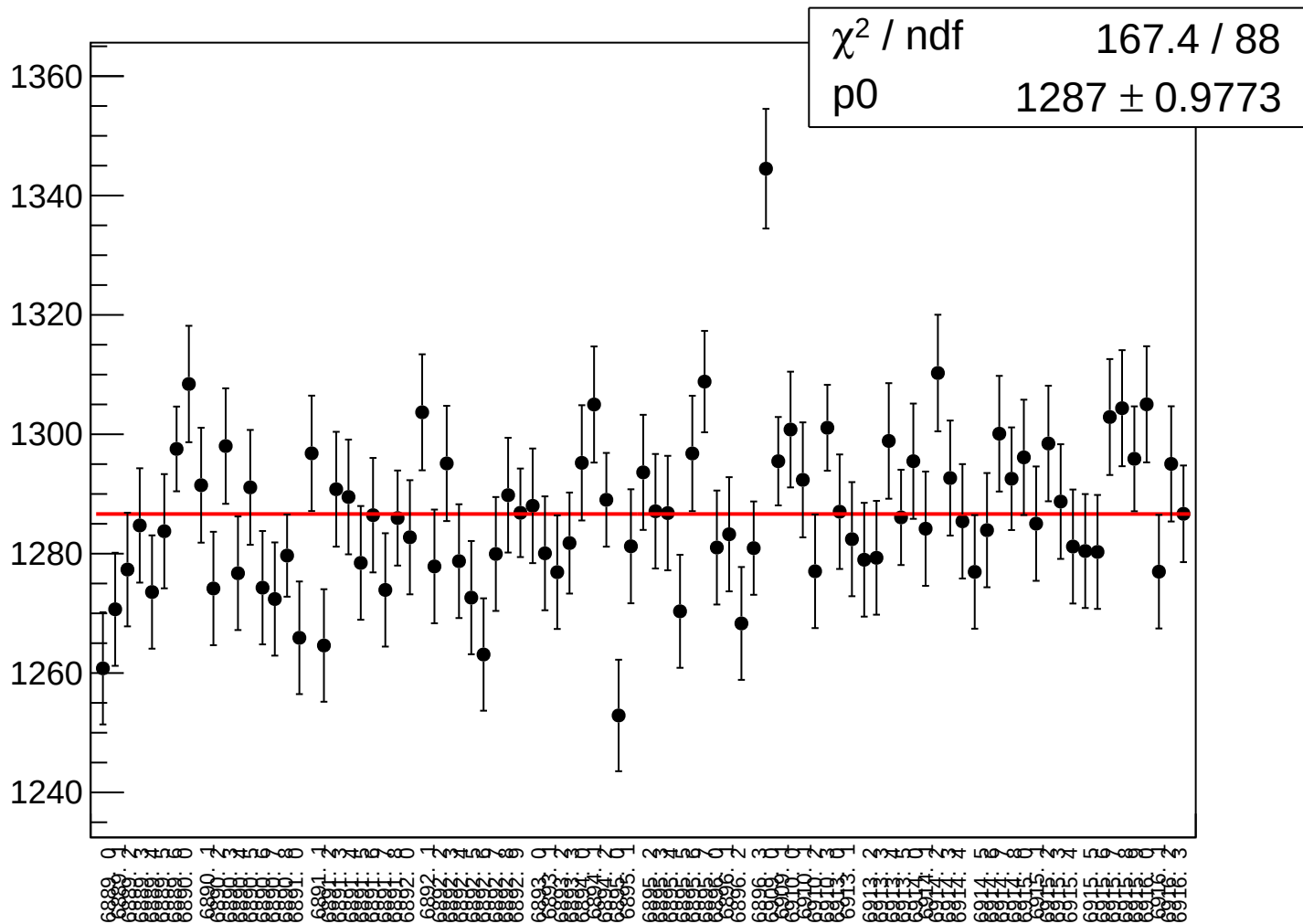
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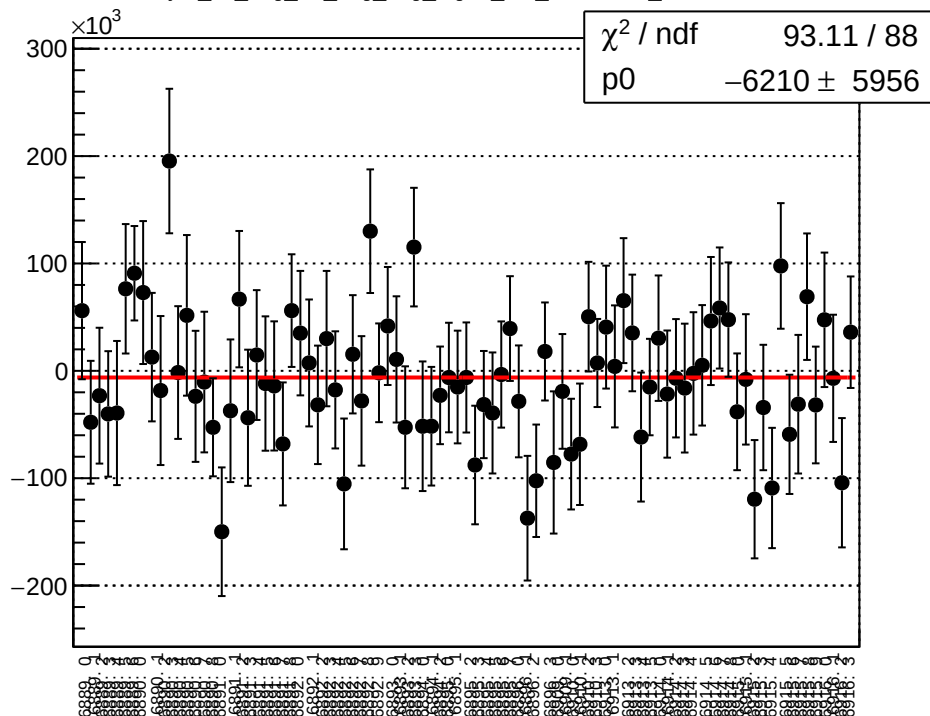
eigen_cor_asym_atl_avg_atr_avg_avg_mean vs run



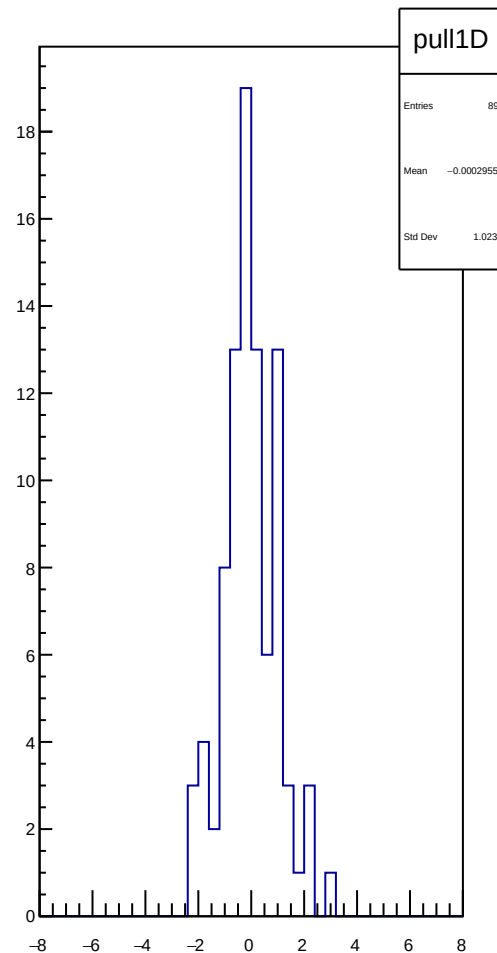
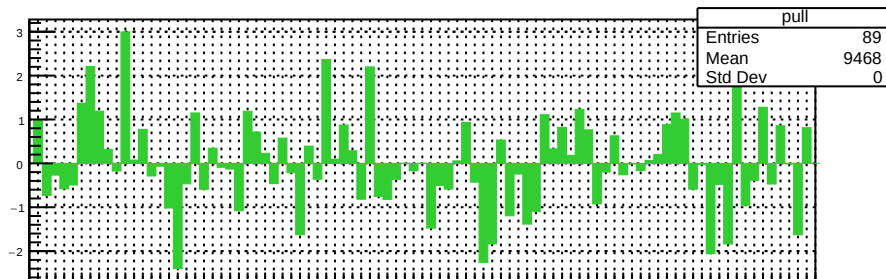
eigen_cor_asym_atl_avg_atr_avg_avg_rms vs run



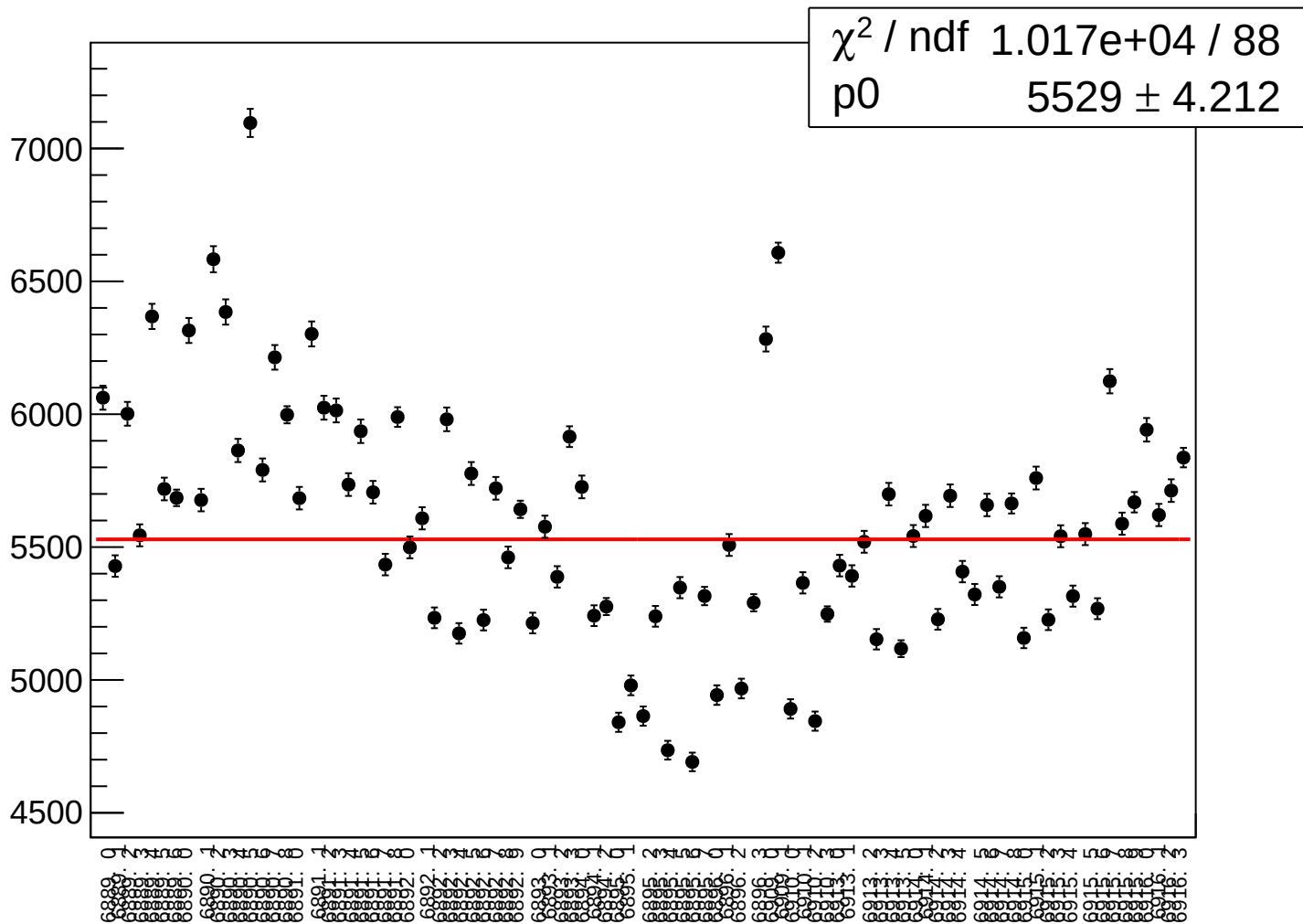
asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs run



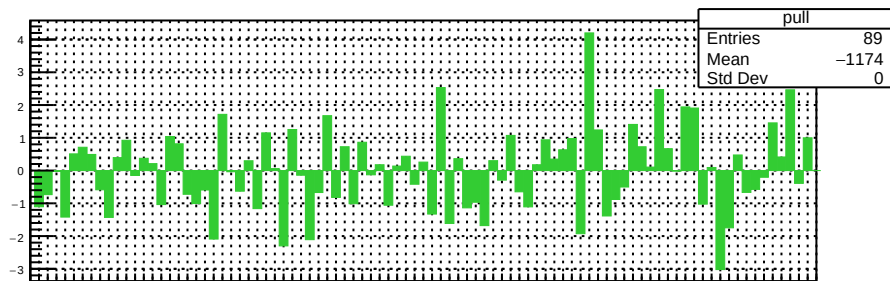
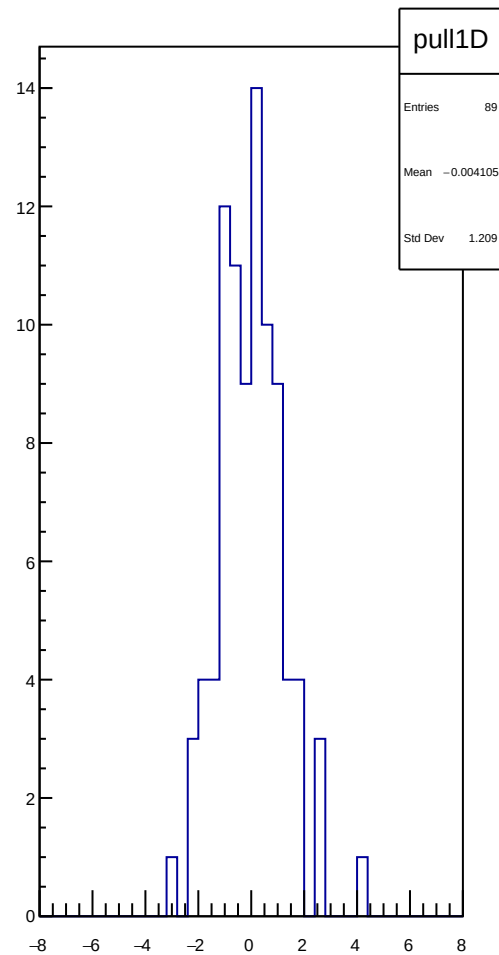
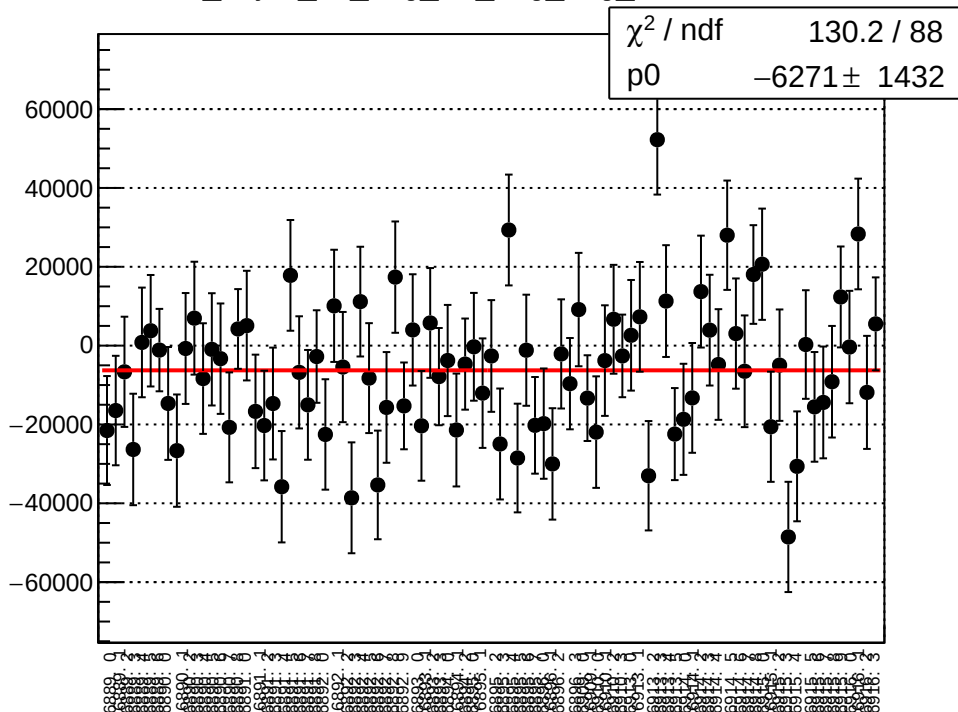
Correlation coefficients for the following variables: asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs run



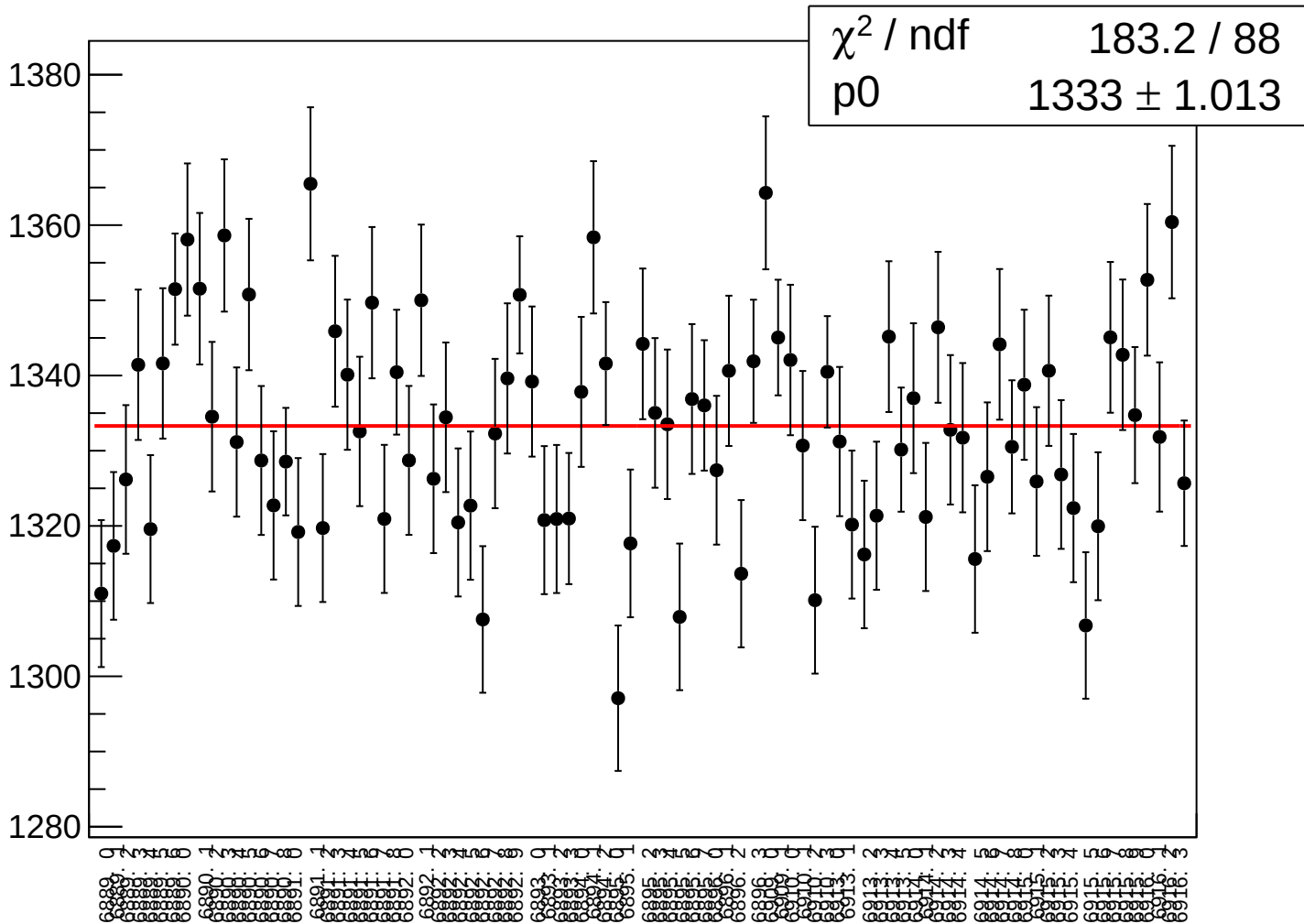
asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs run



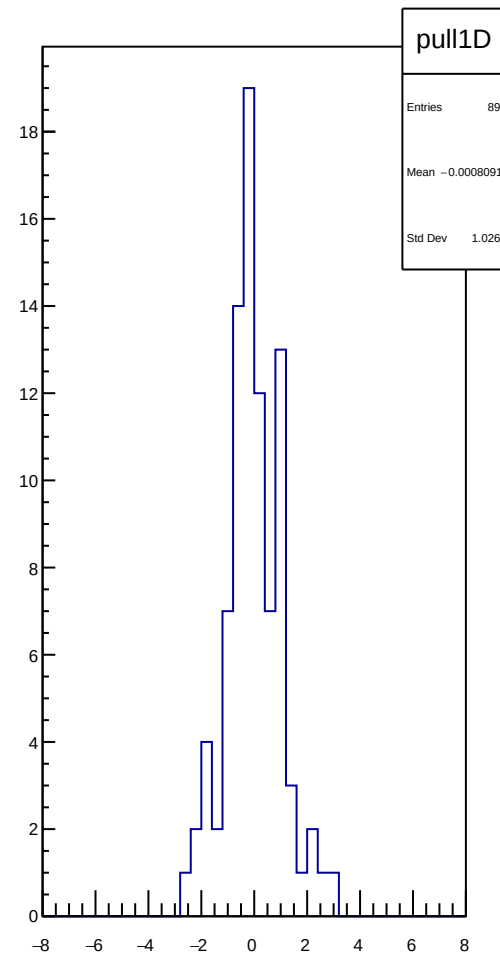
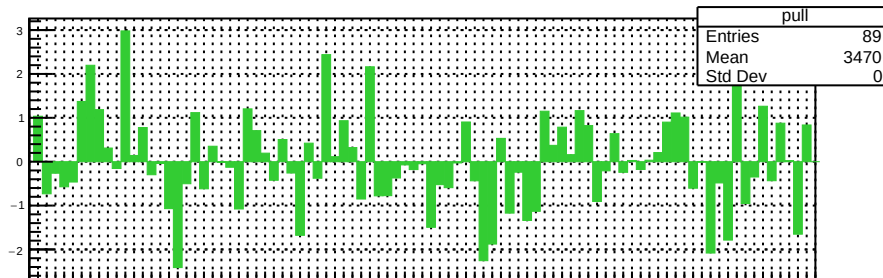
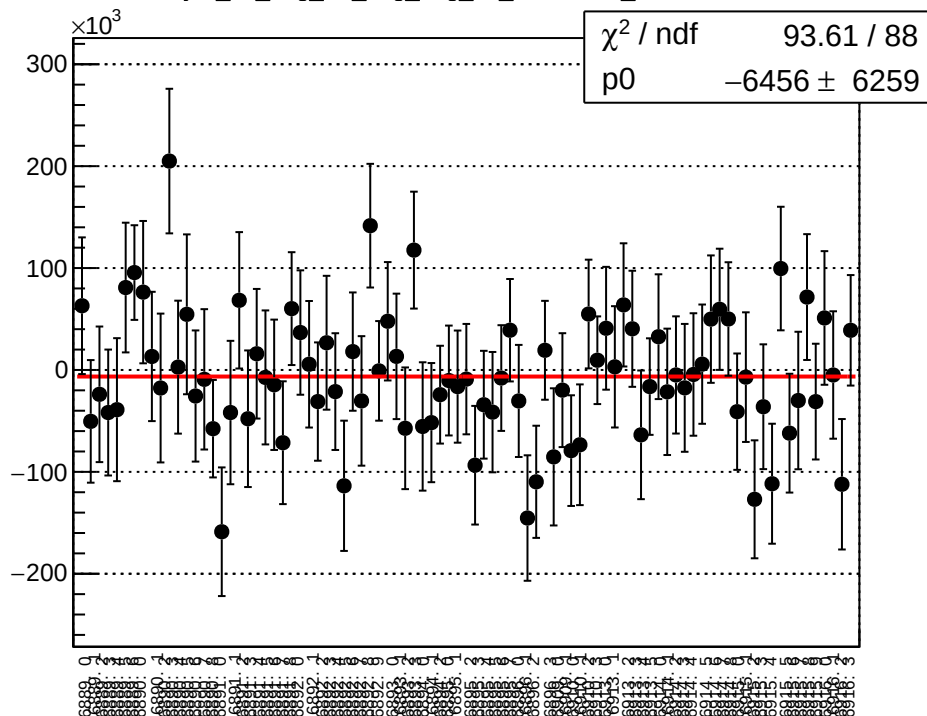
dit_asym_atl_avg_atr_avg_avg_mean vs run



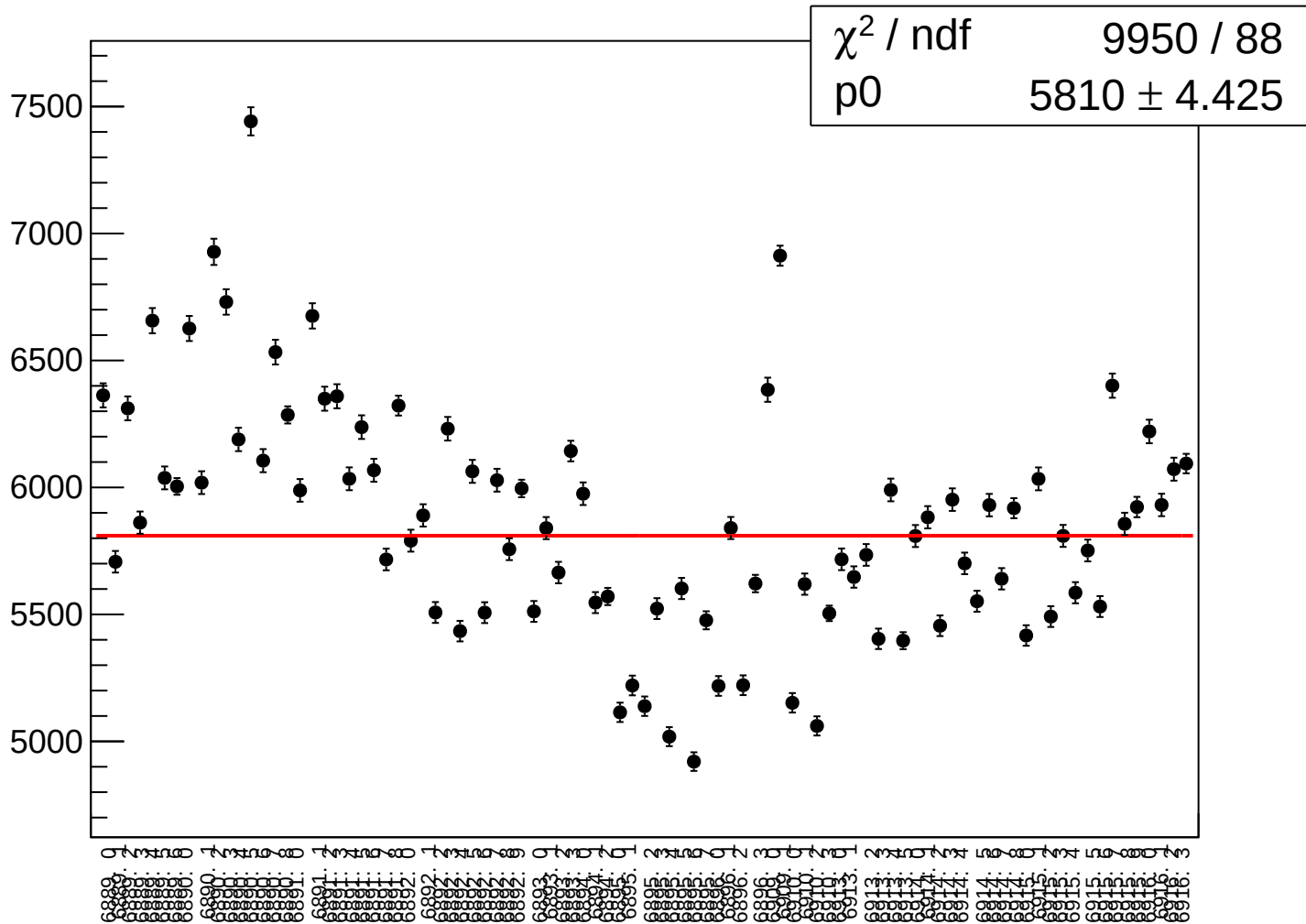
dit_asym_atl_avg_atr_avg_avg_rms vs run



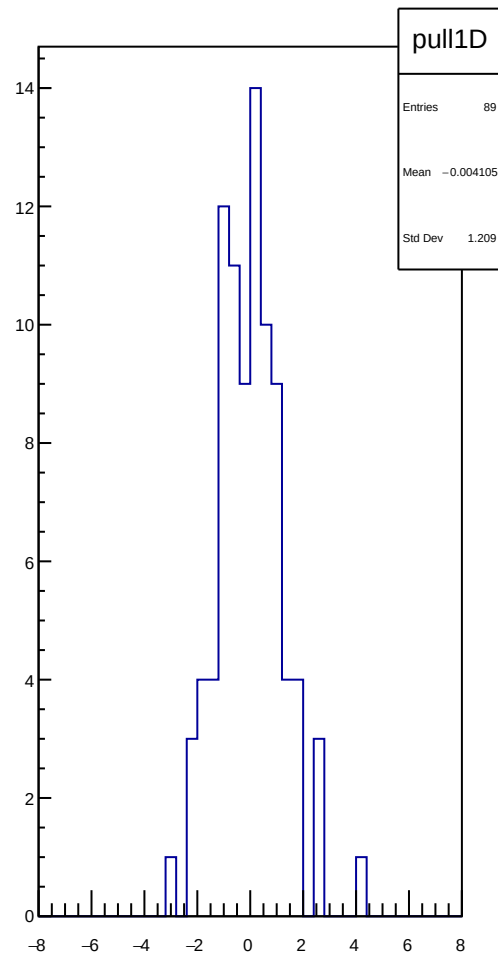
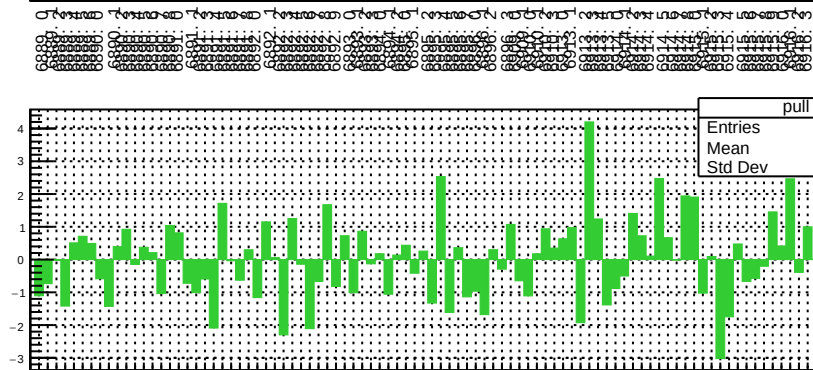
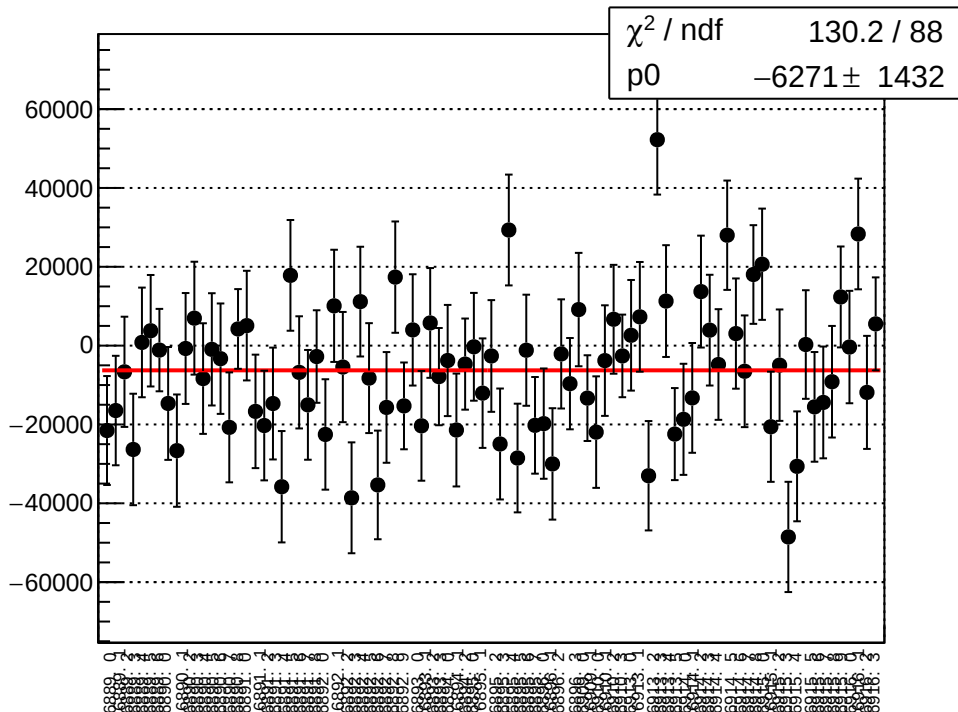
asym_atl_avg_atr_avg_avg_dit_correction_mean vs run



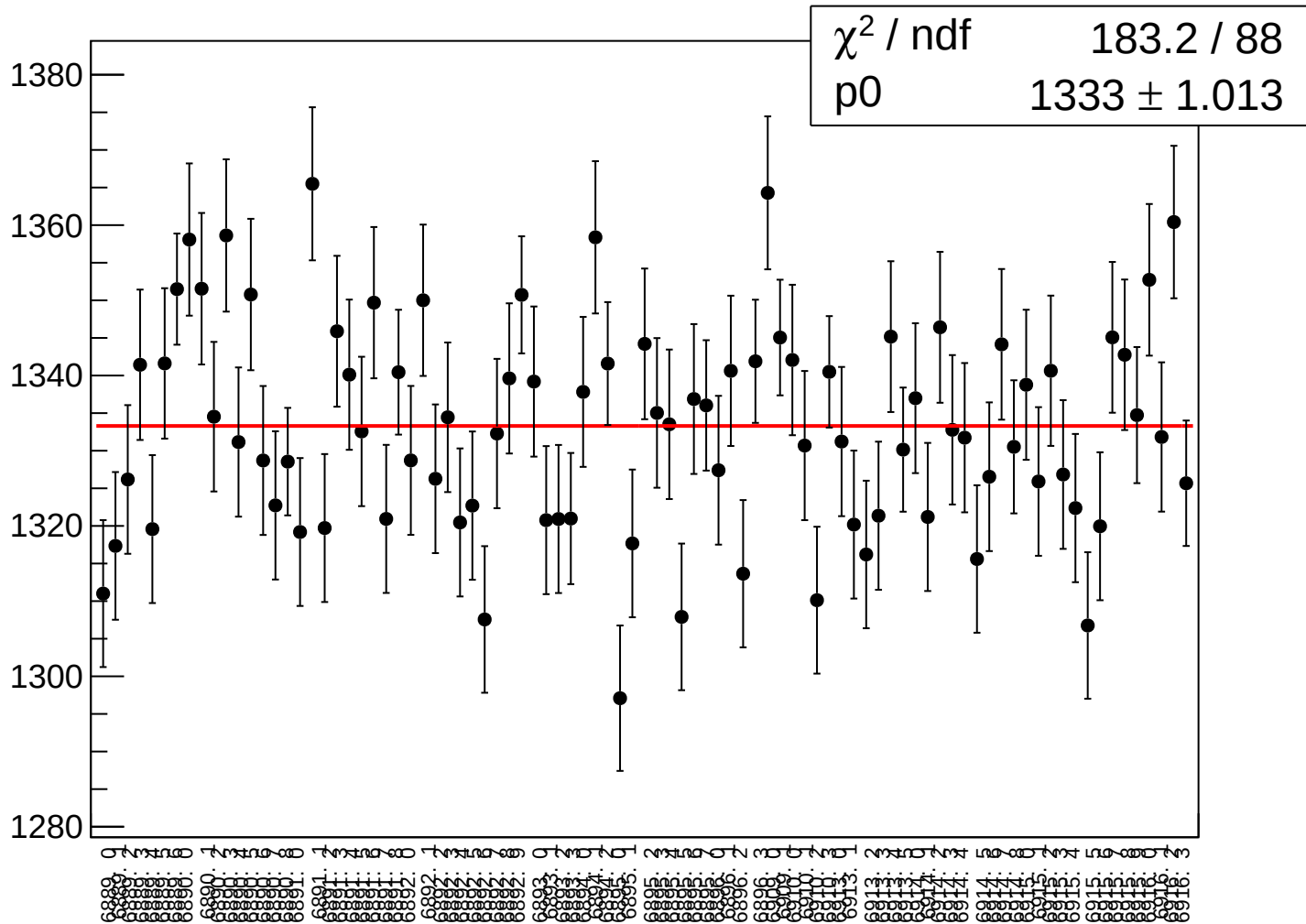
asym_atl_avg_atr_avg_avg_dit_correction_rms vs run



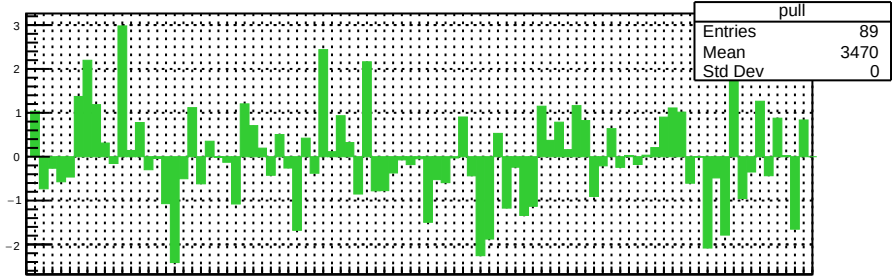
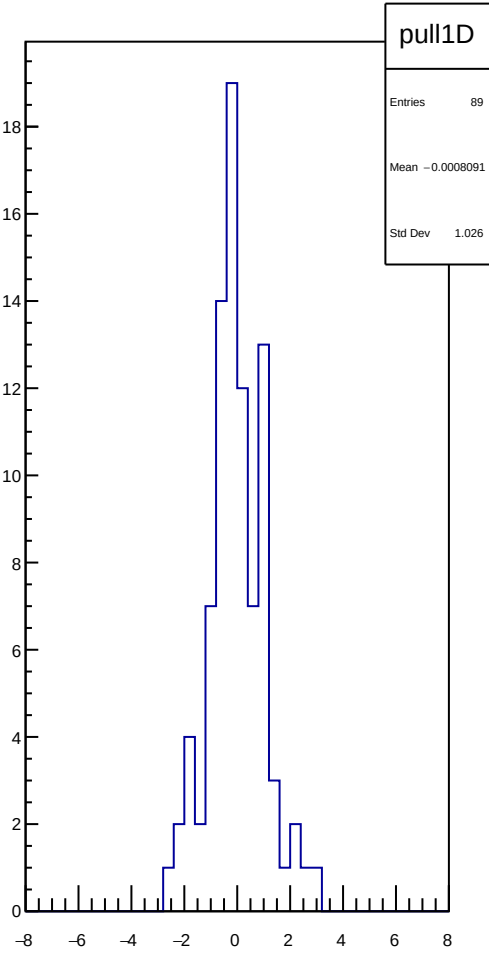
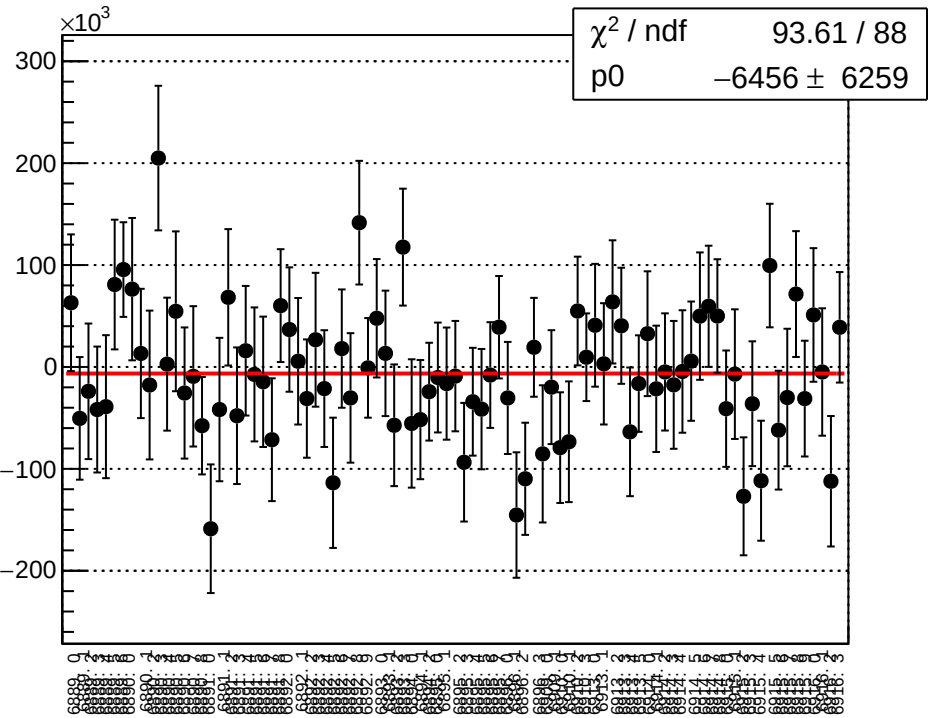
eigen_dit_asym_atl_avg_atr_avg_avg_mean vs run



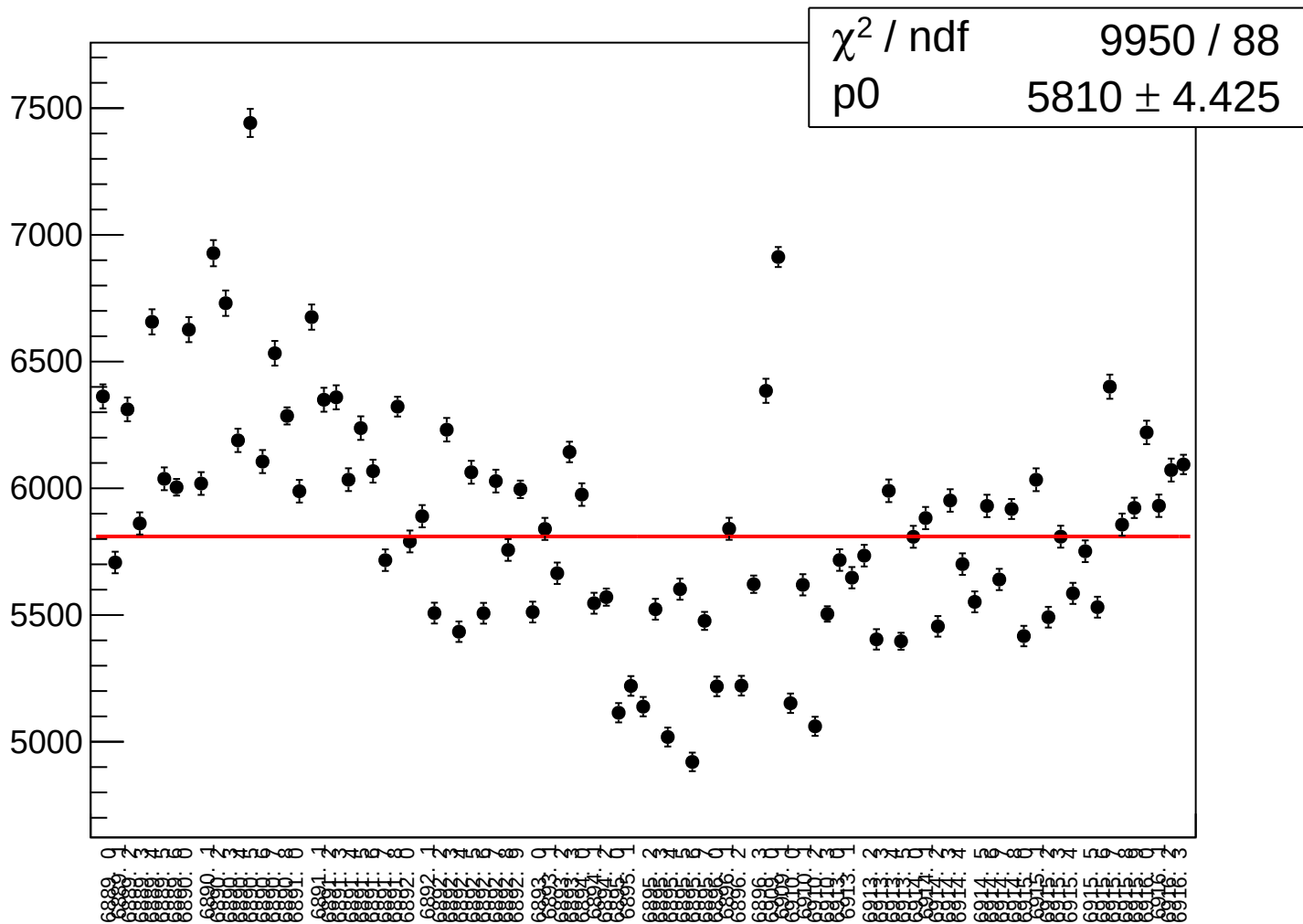
eigen_dit_asym_atl_avg_atr_avg_avg_rms vs run



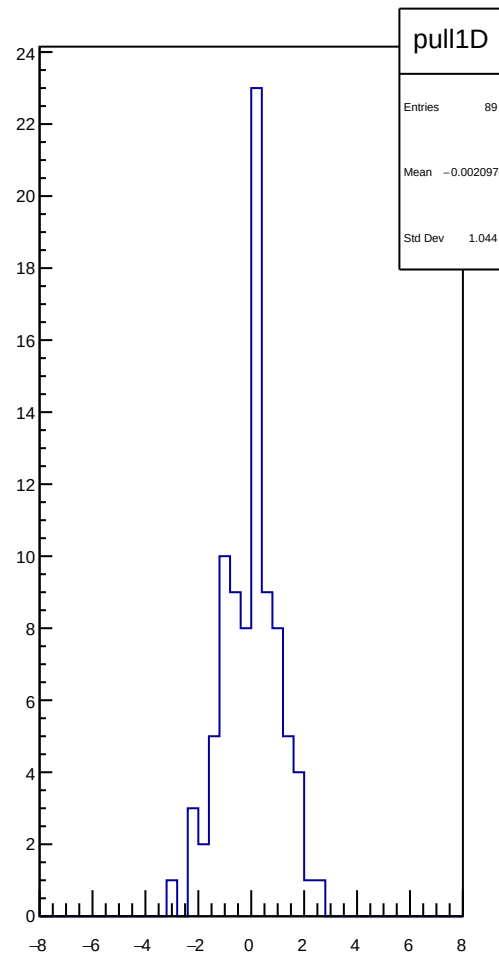
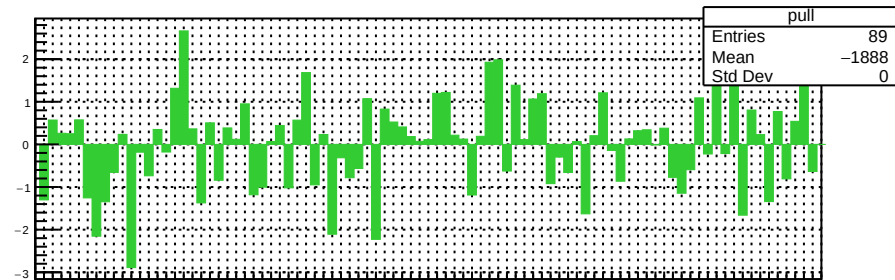
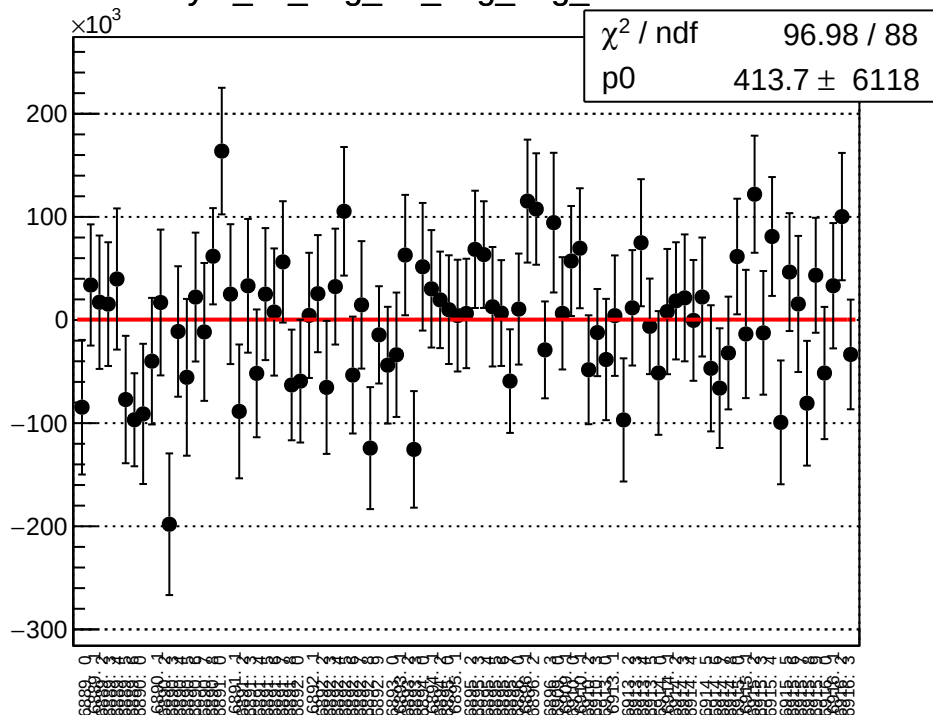
asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs run



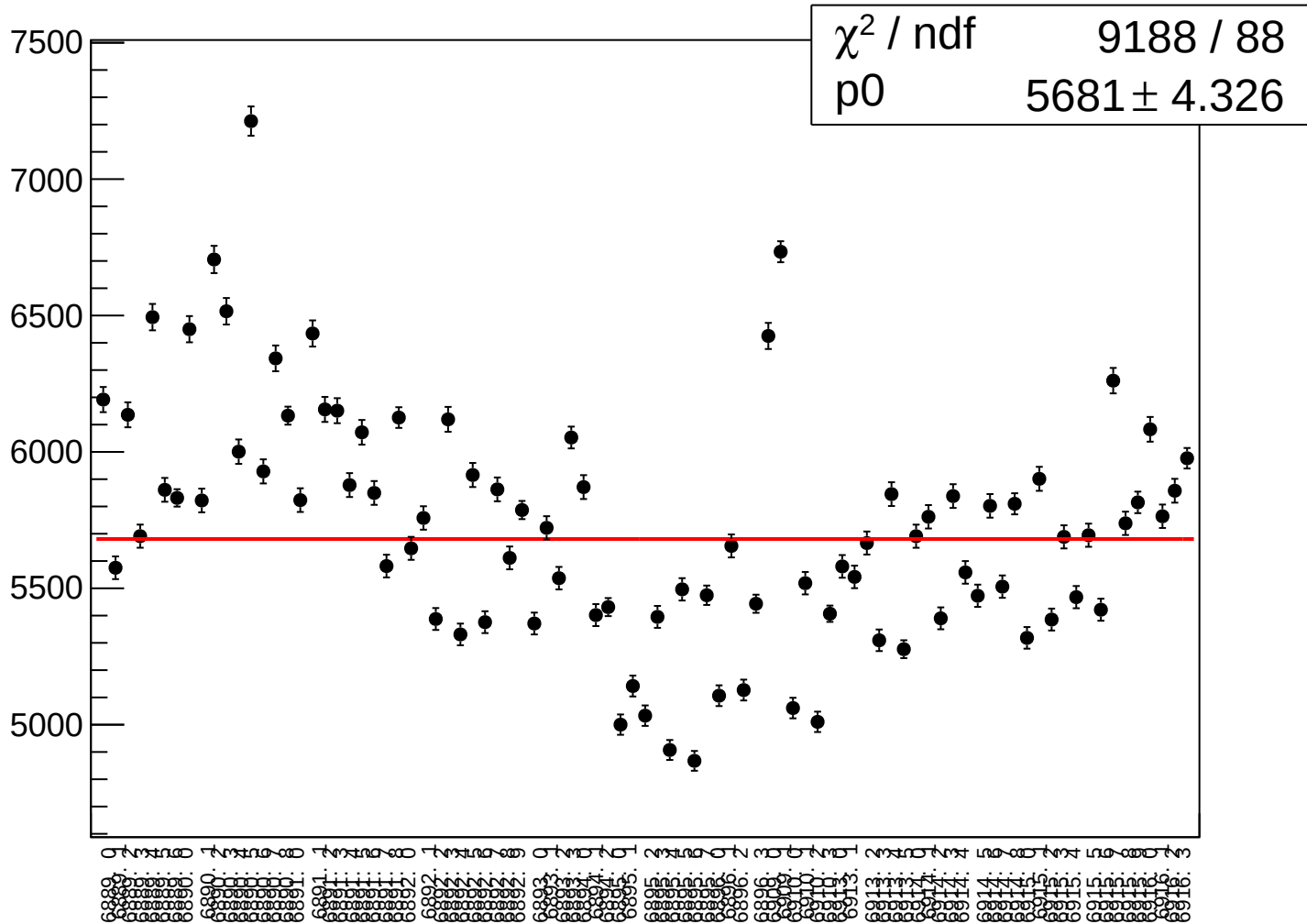
asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs run



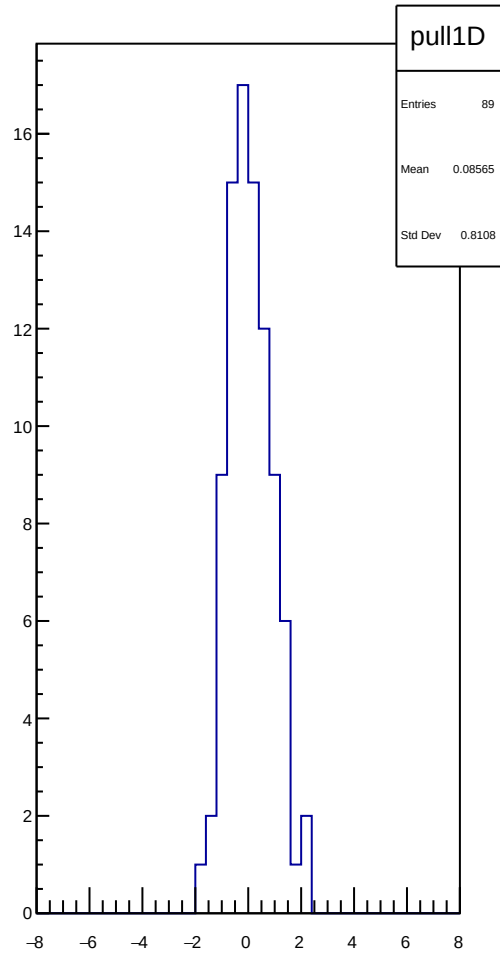
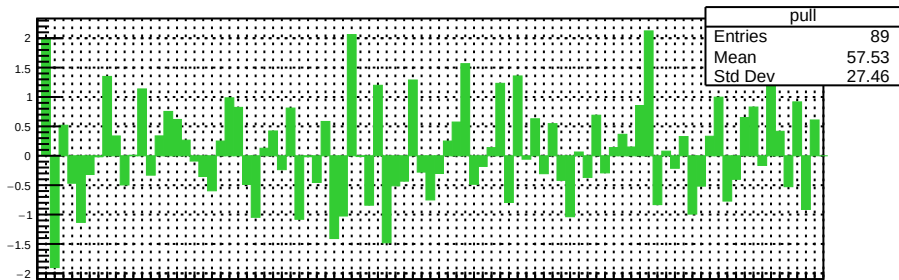
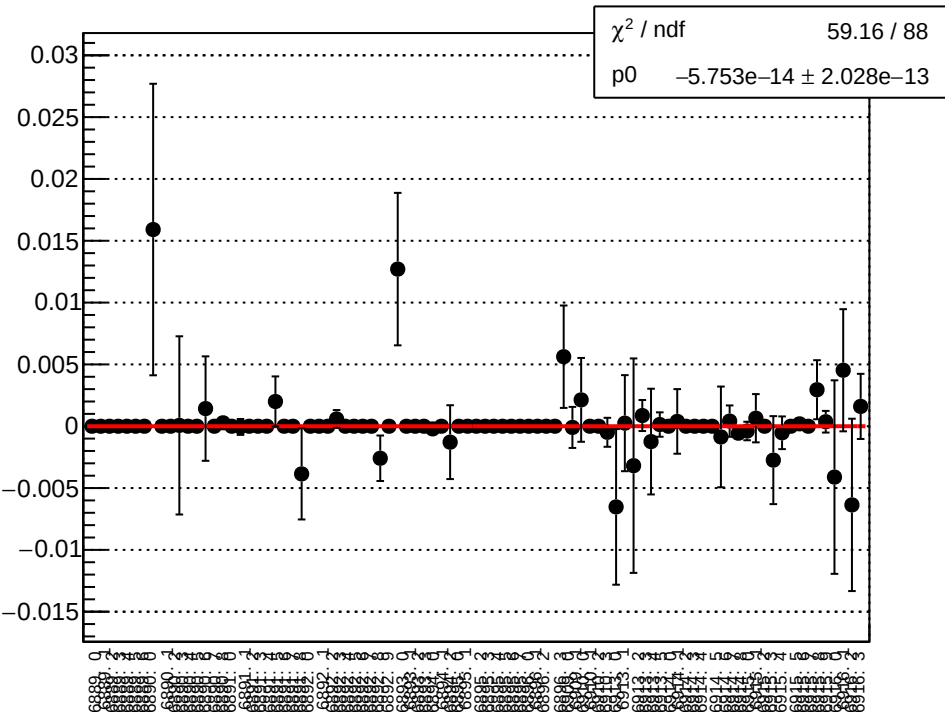
asym_atl_avg_atr_avg_avg_mean vs run



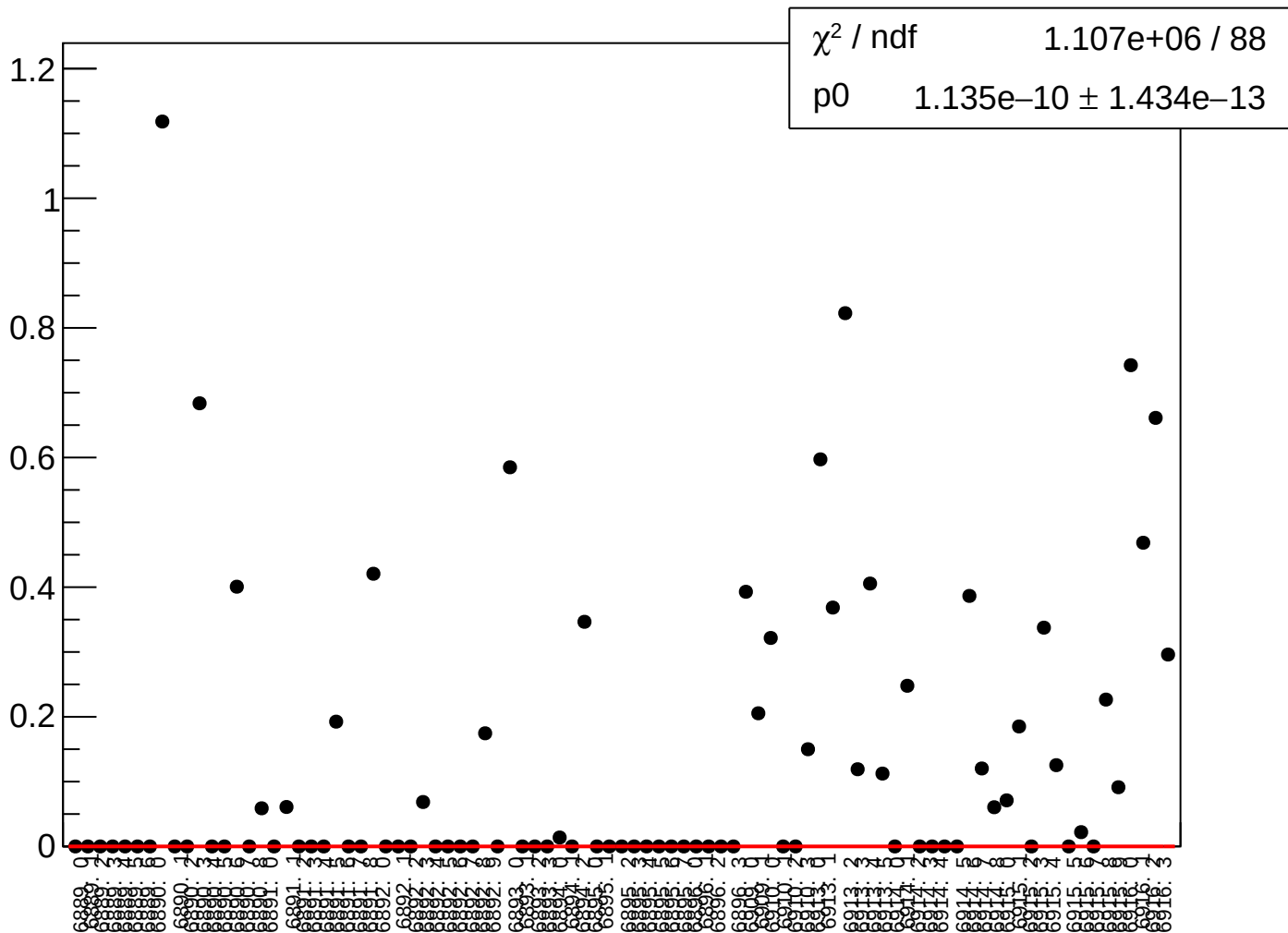
asym_atl_avg_atr_avg_avg_rms vs run



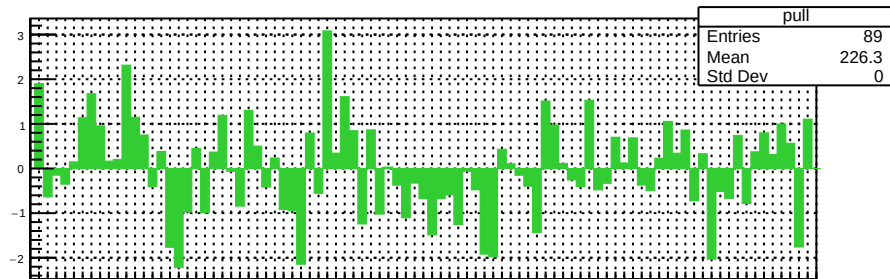
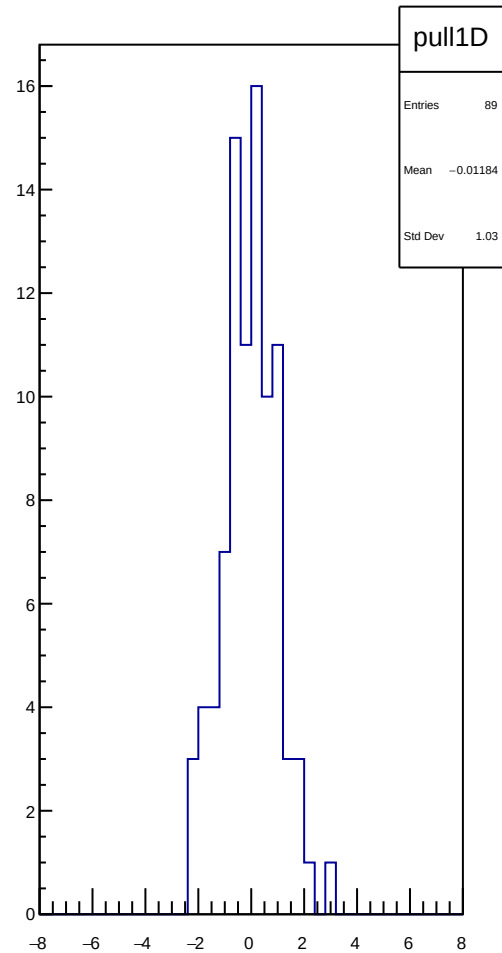
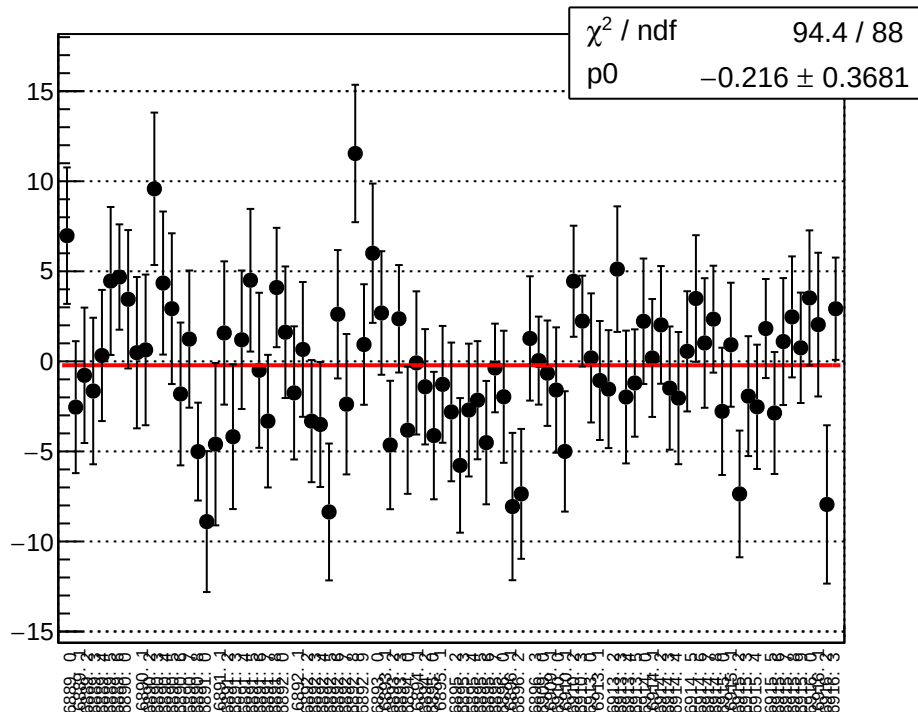
asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_mean vs run



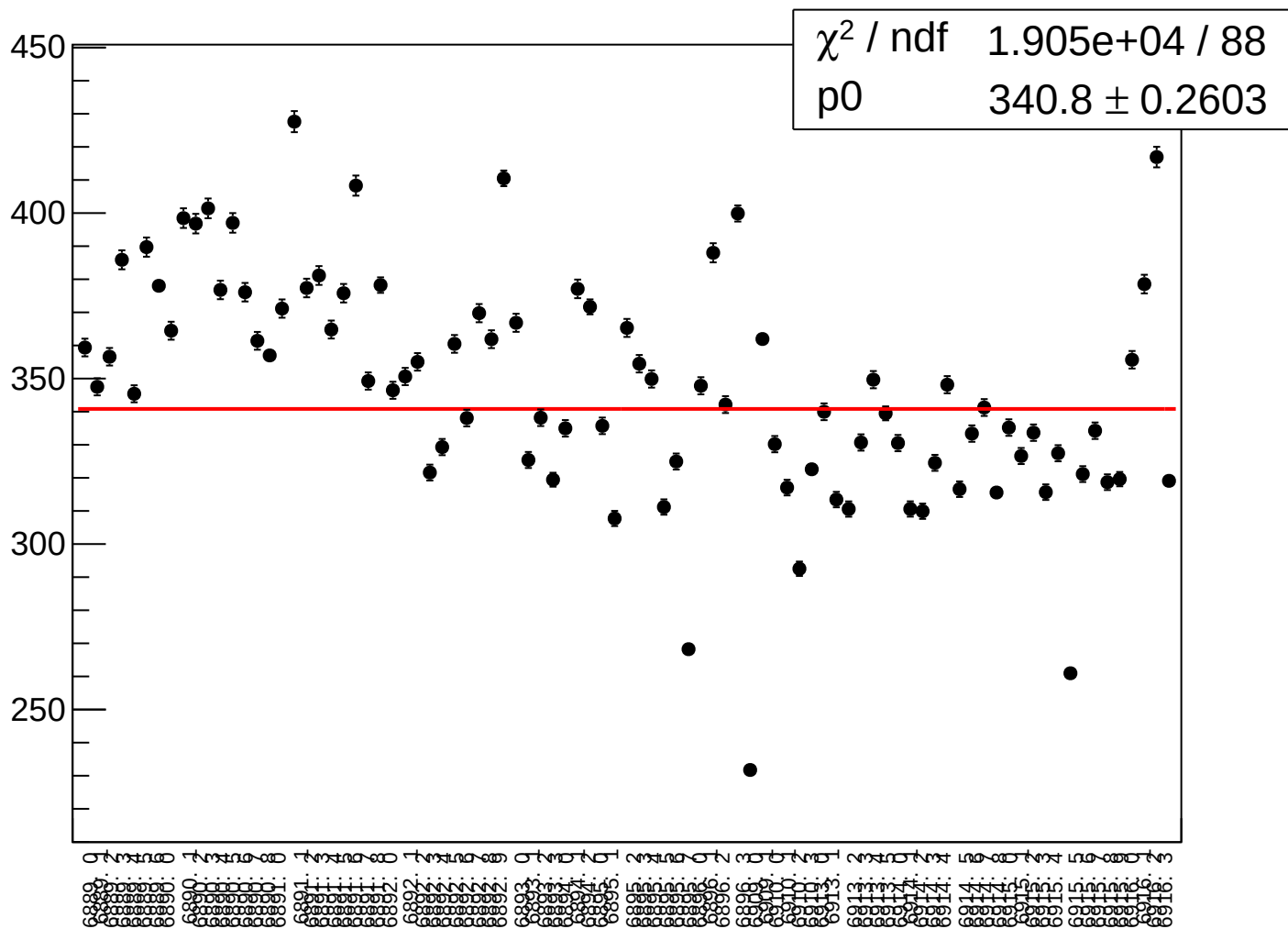
asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs run



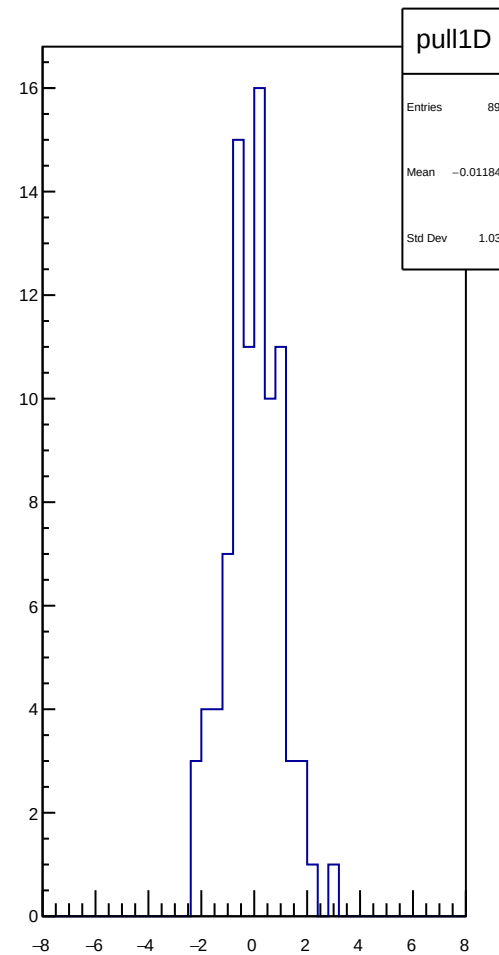
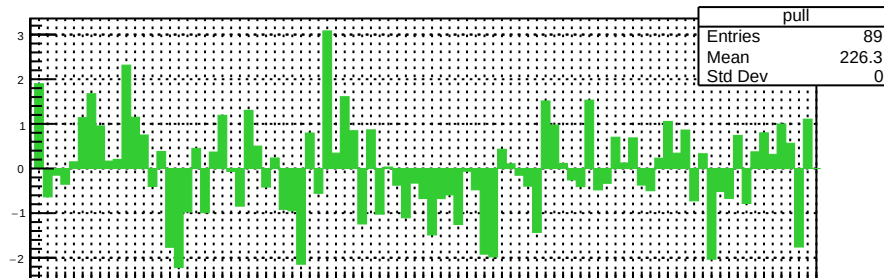
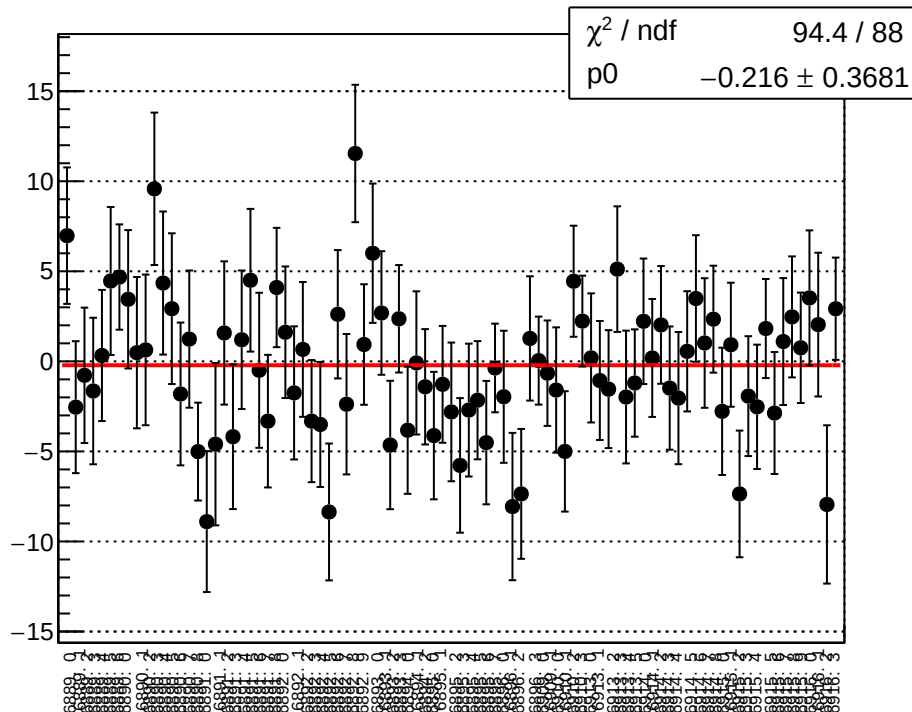
asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs run



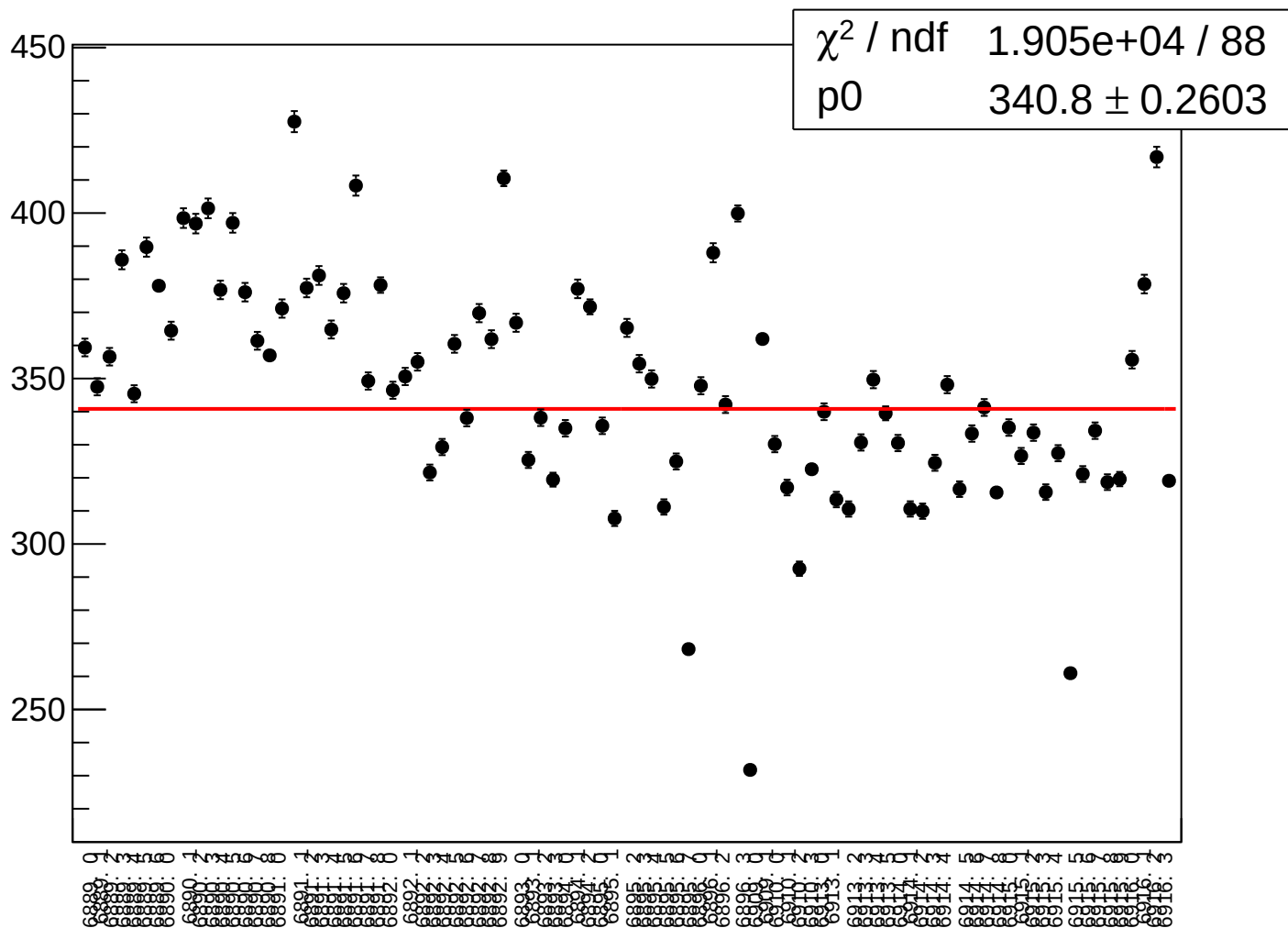
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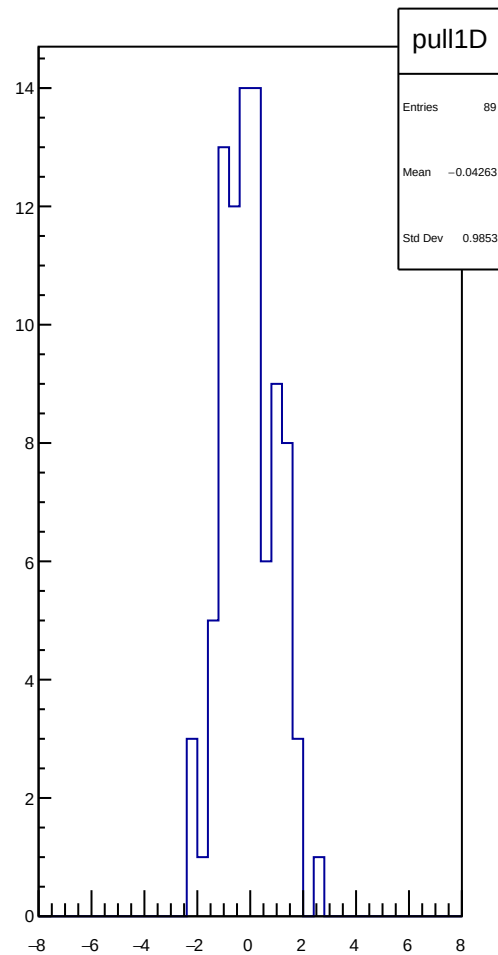
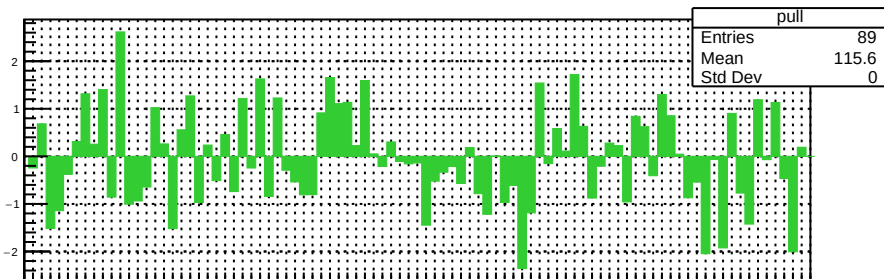
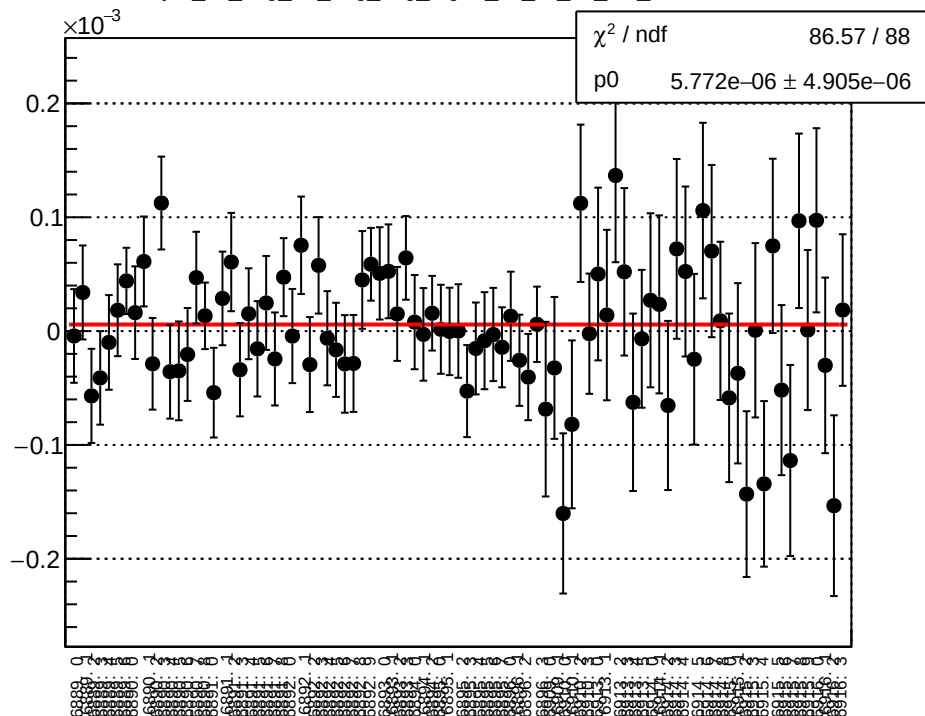
asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs run



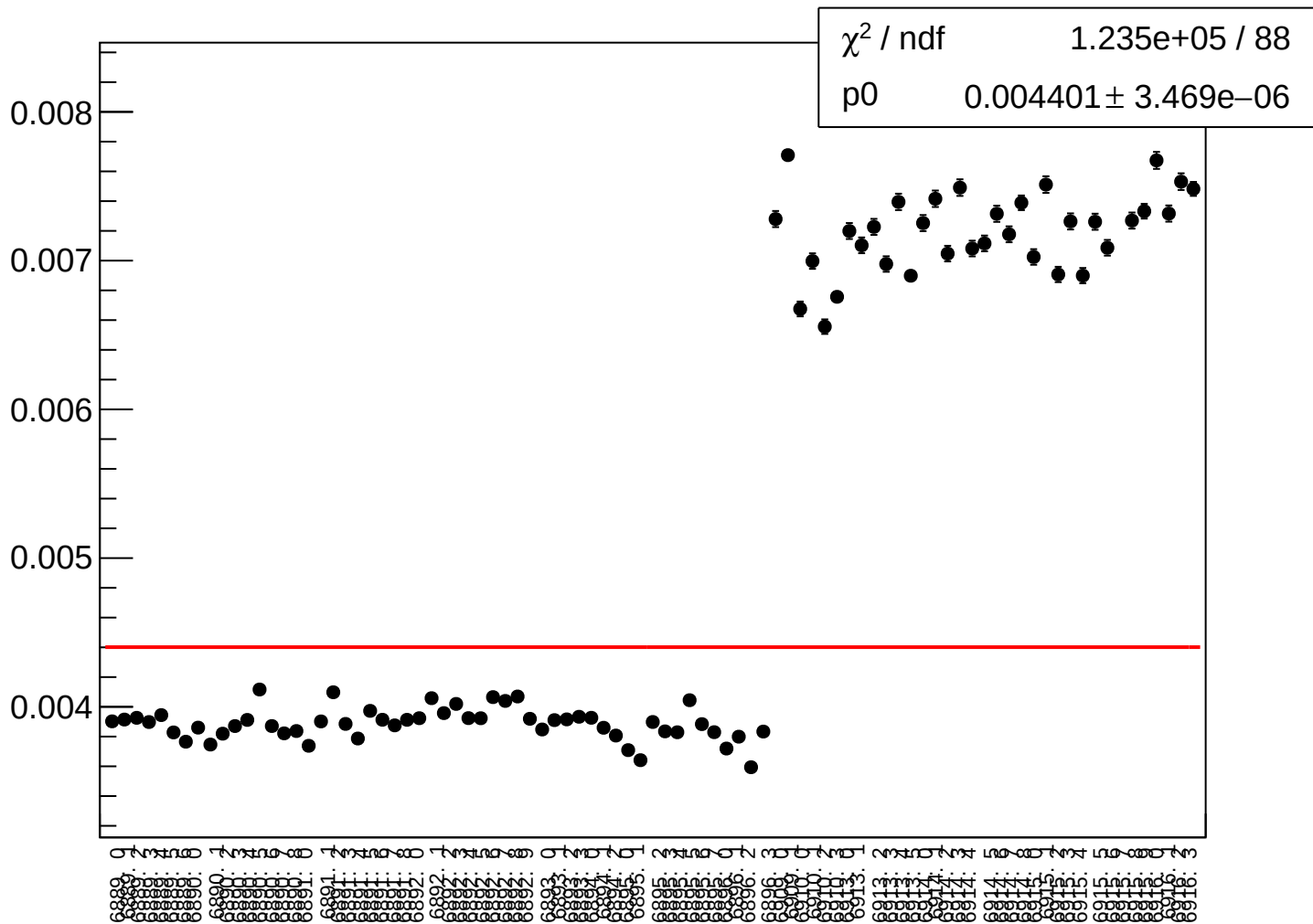
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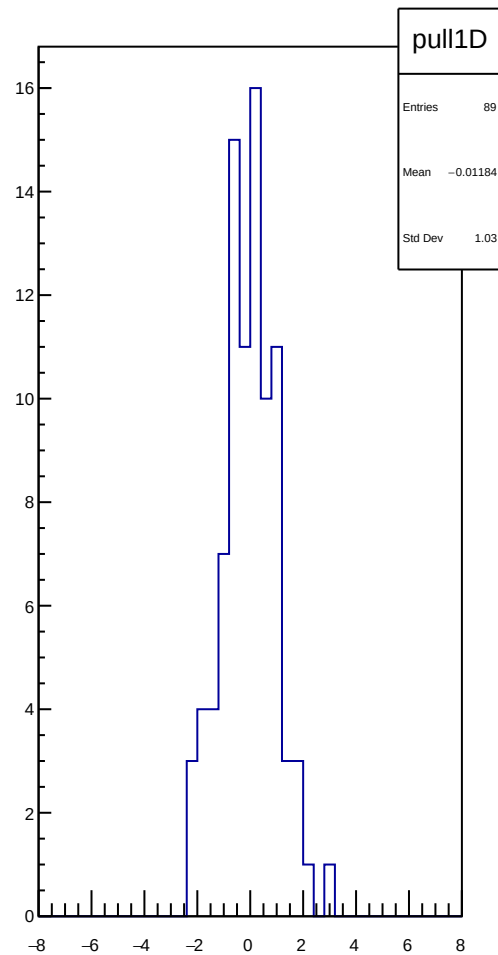
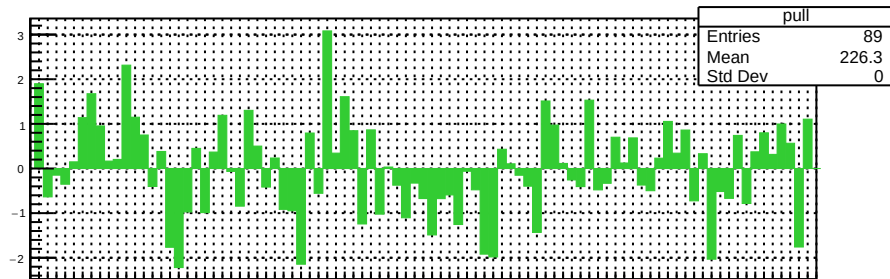
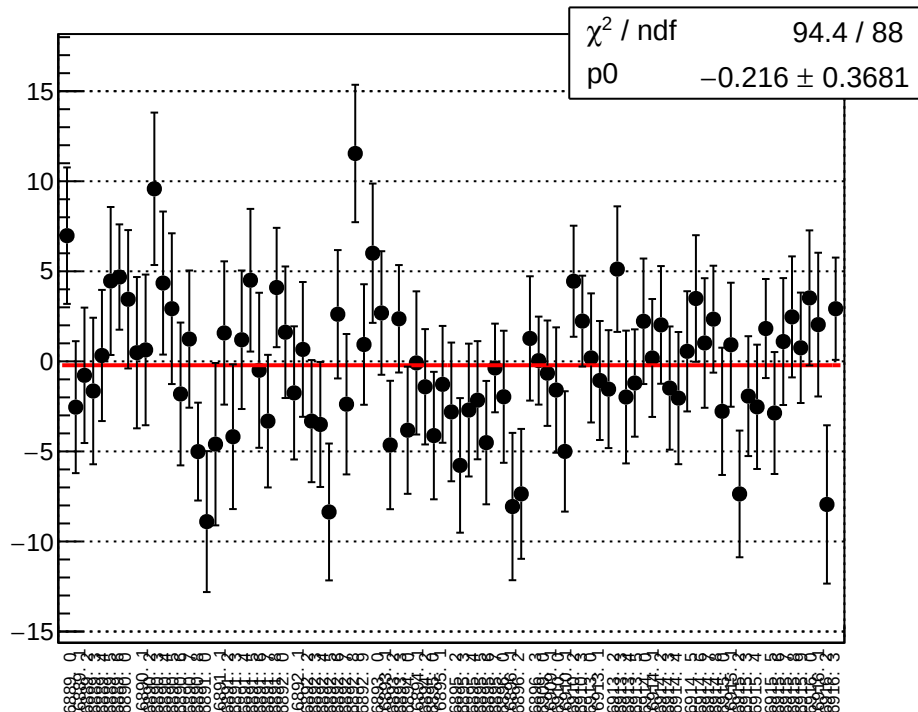
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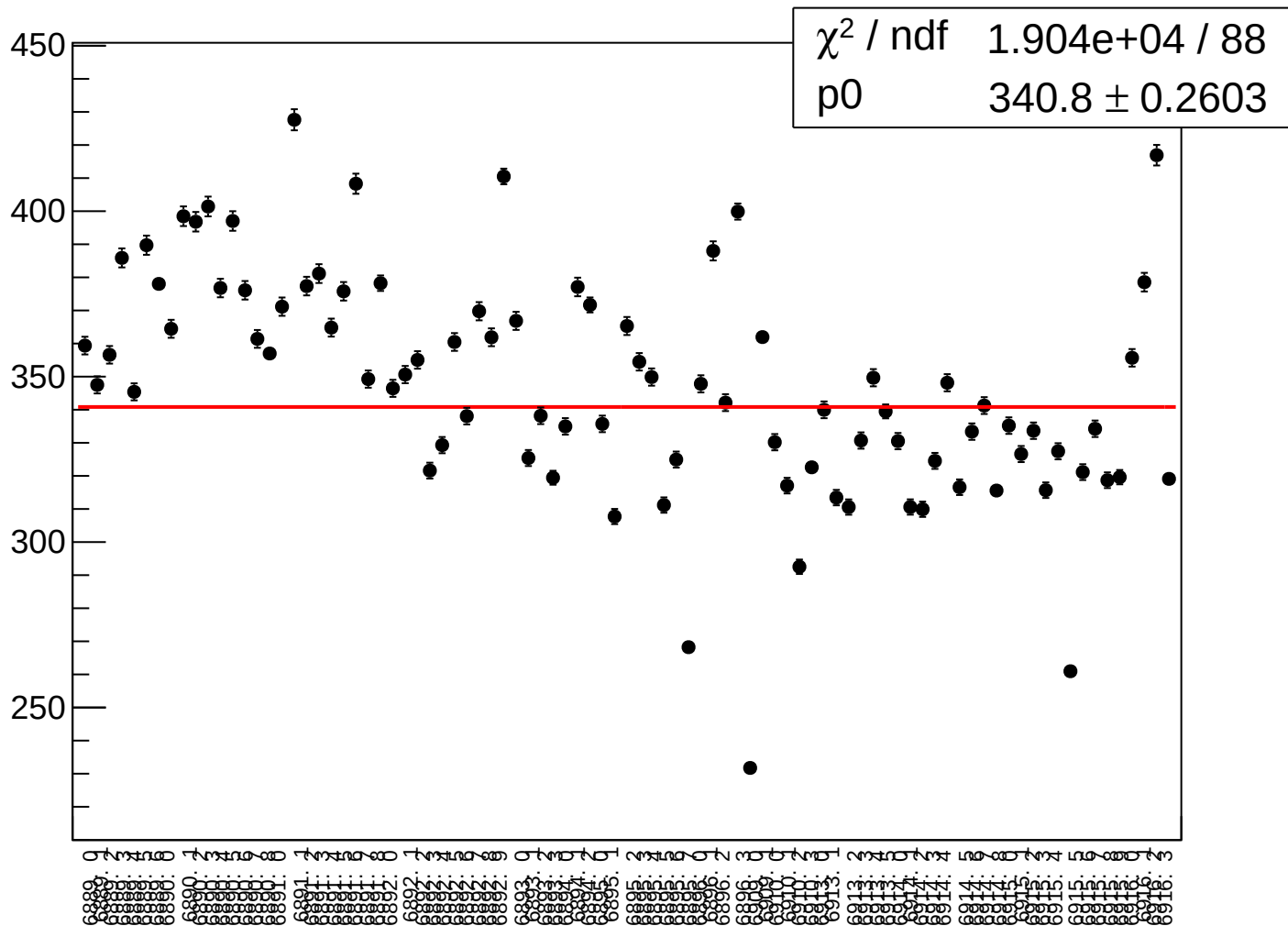
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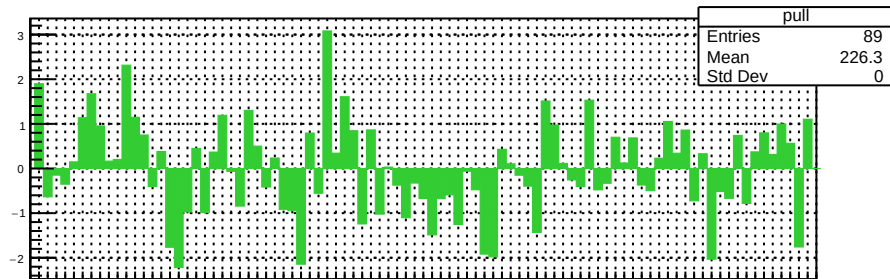
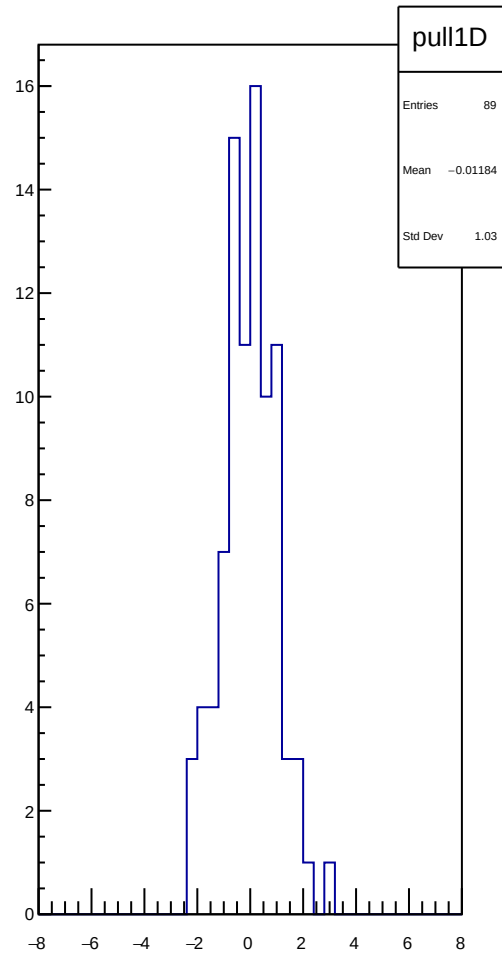
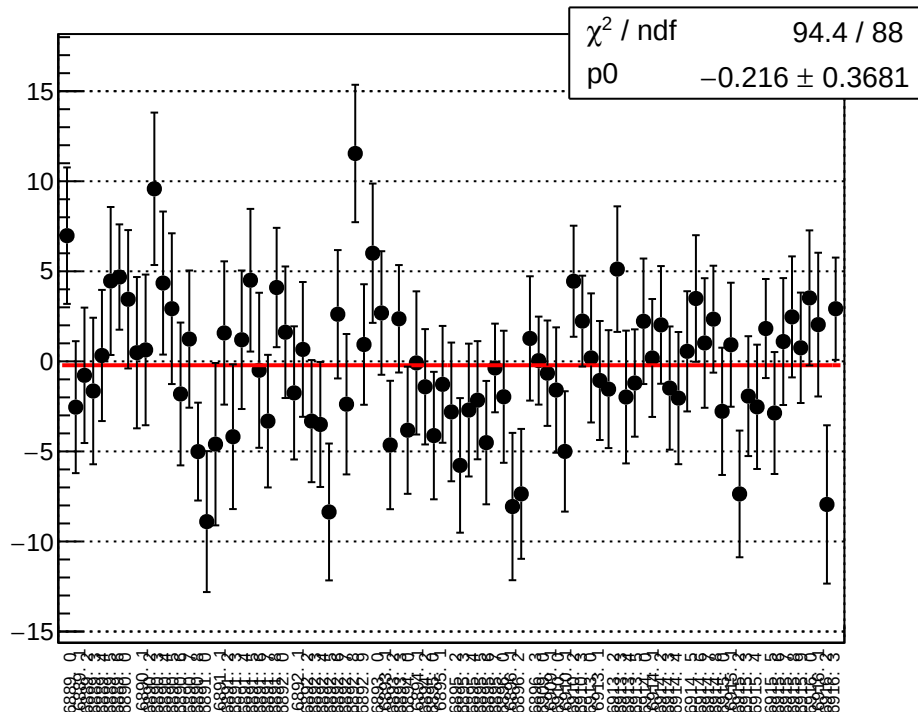
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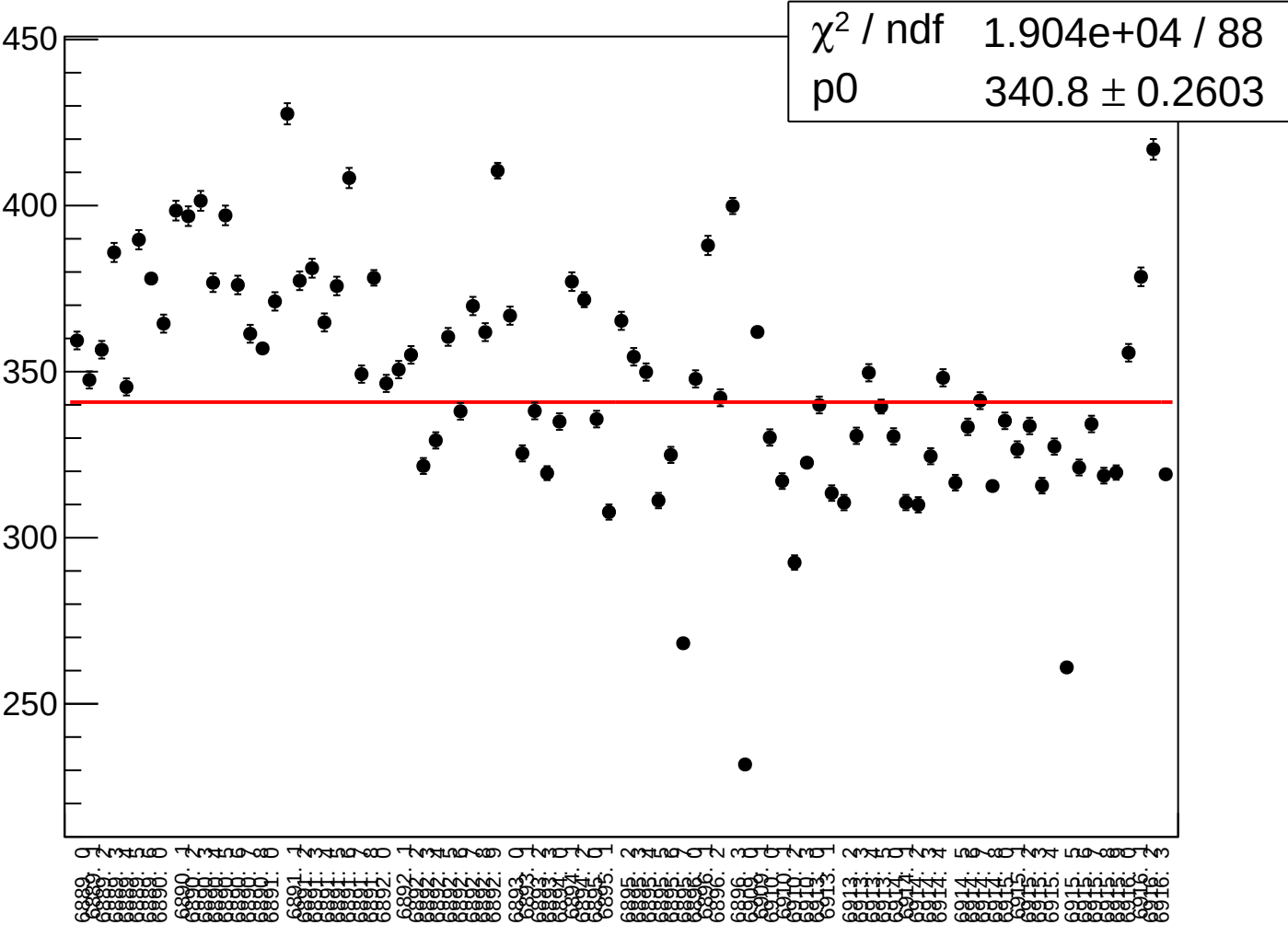
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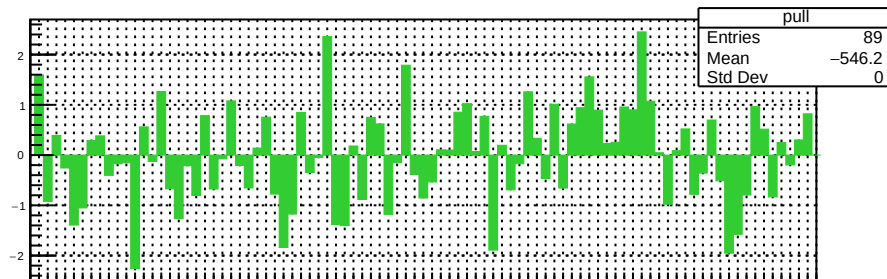
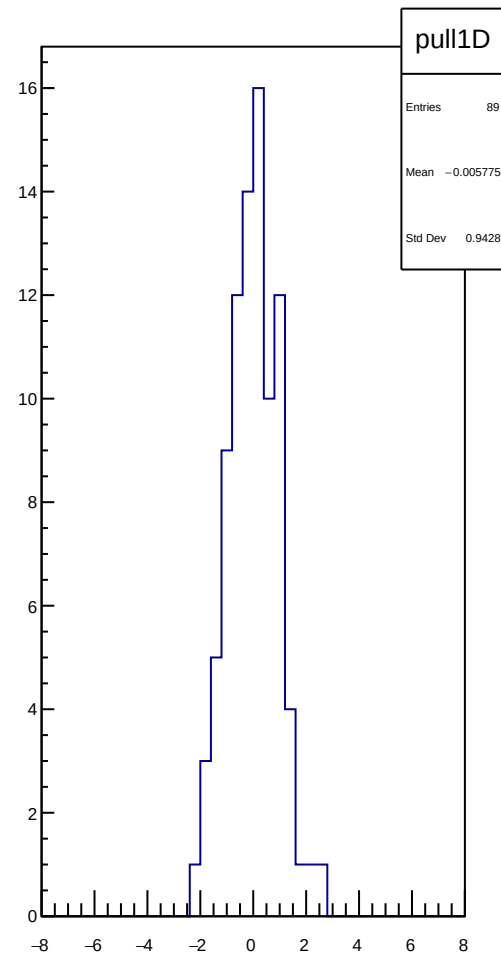
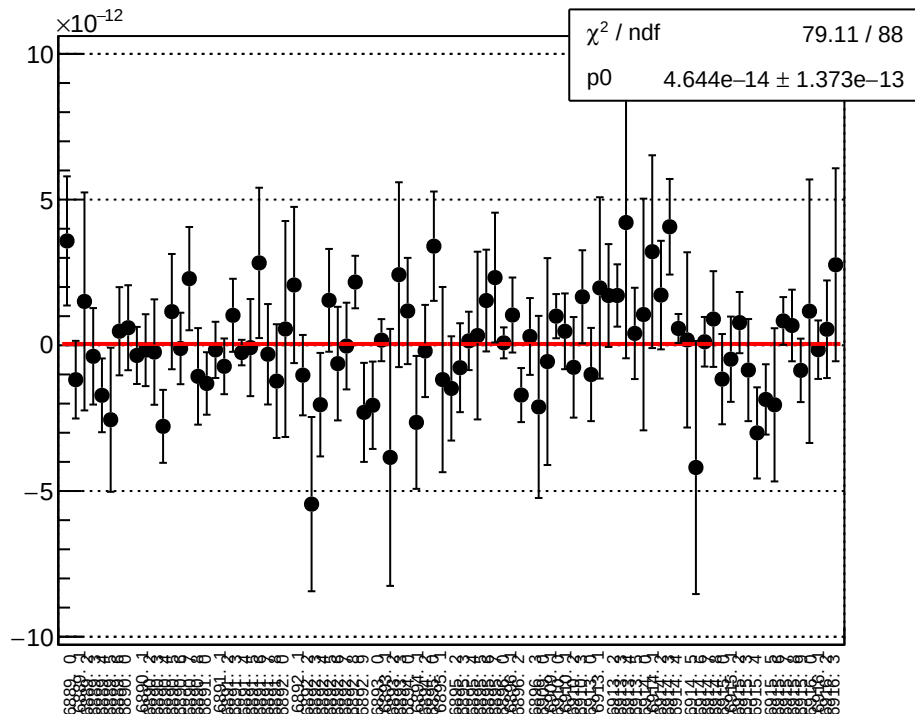
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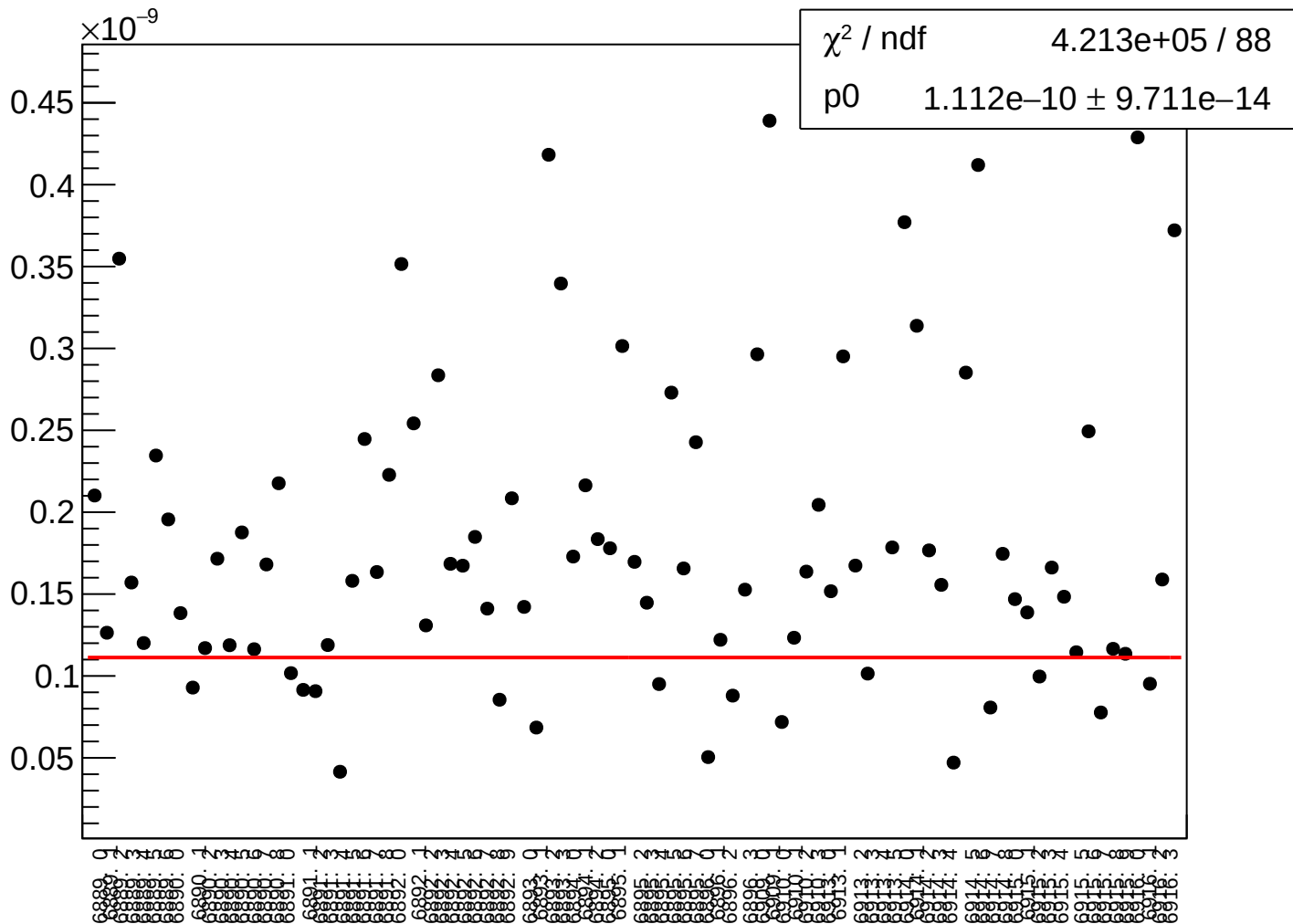
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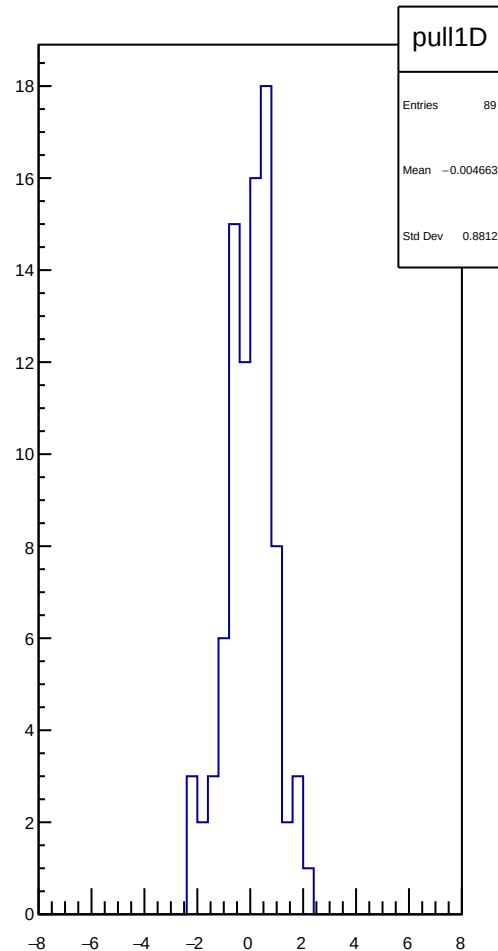
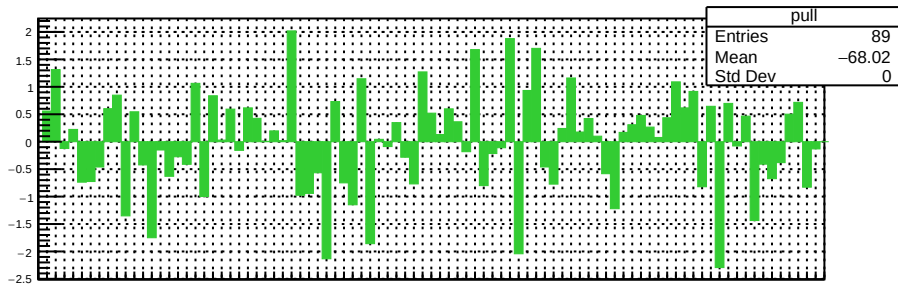
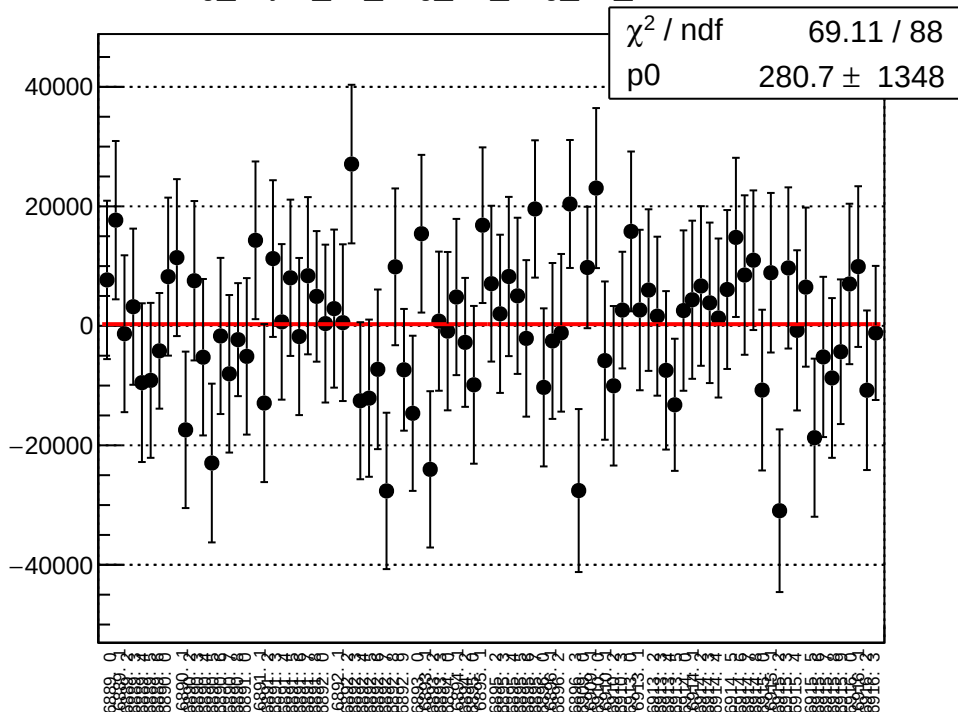
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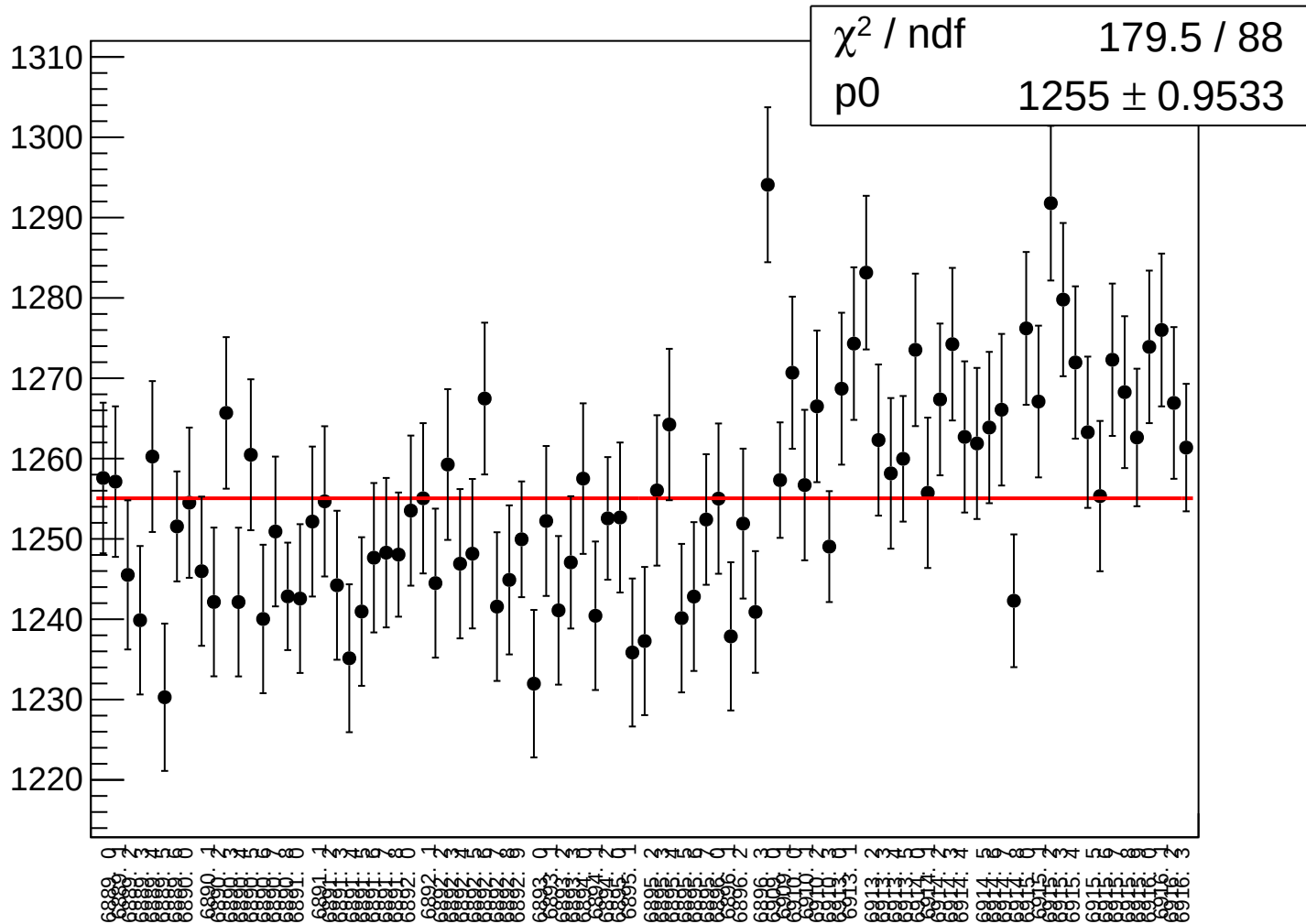
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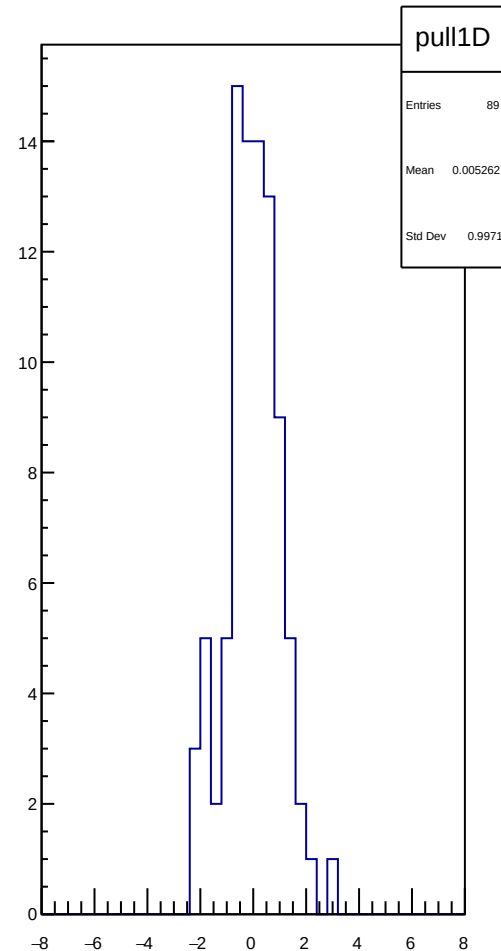
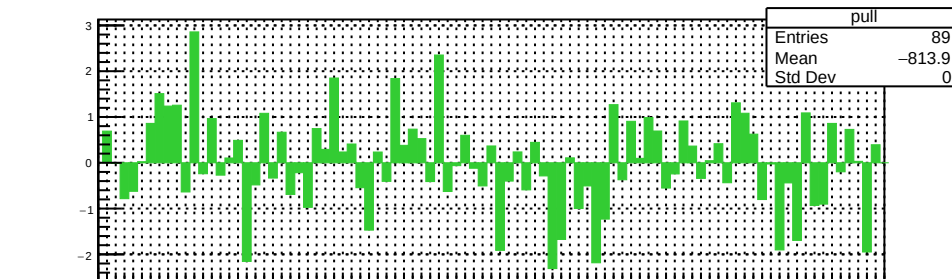
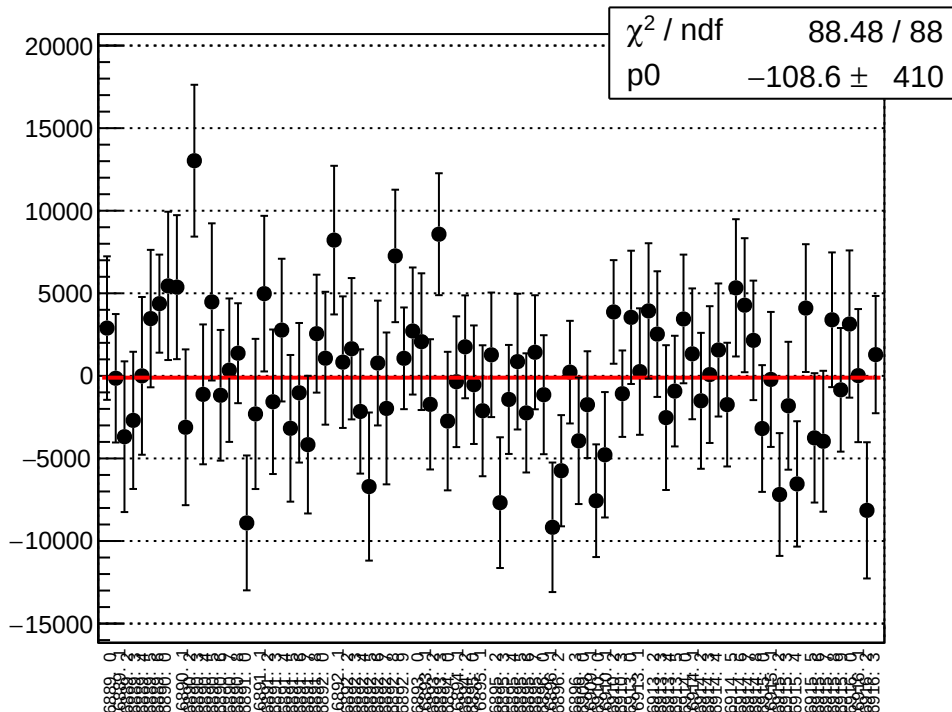
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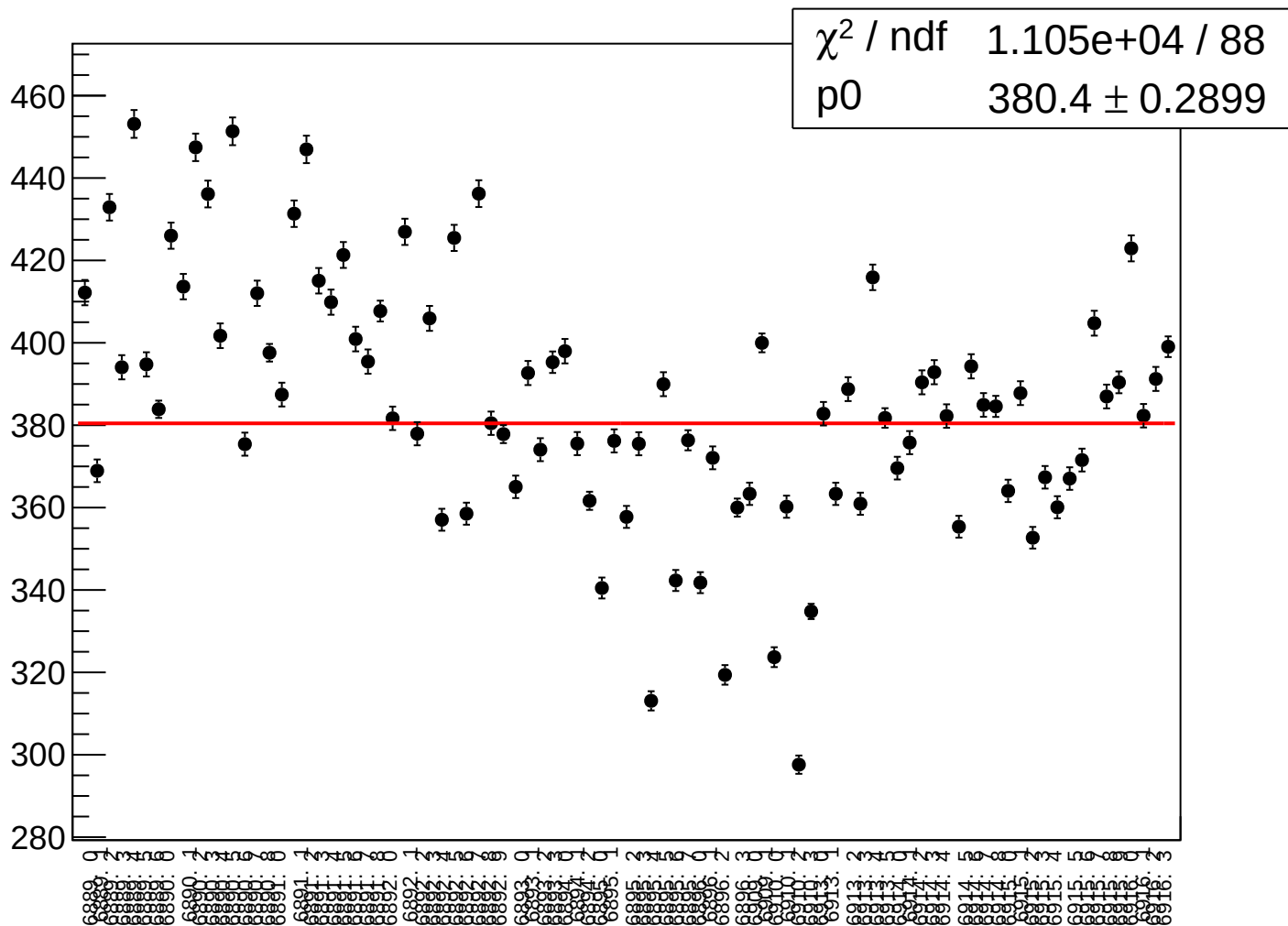
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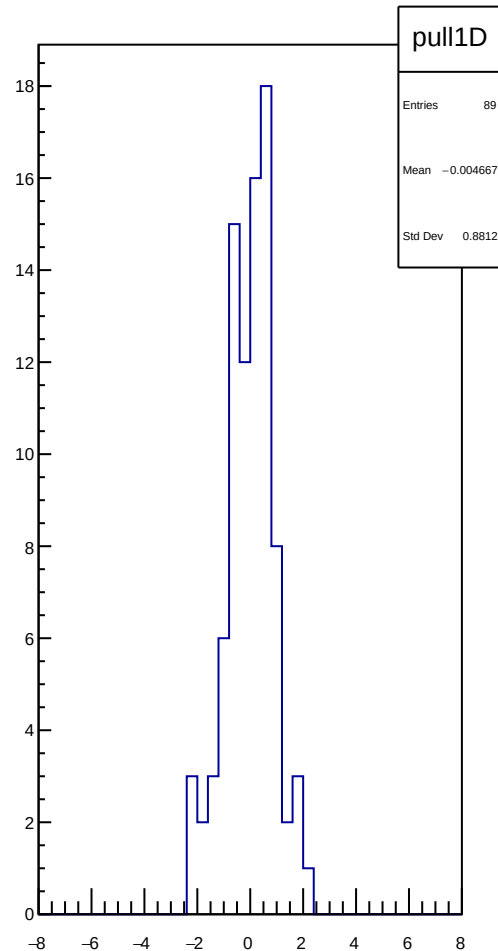
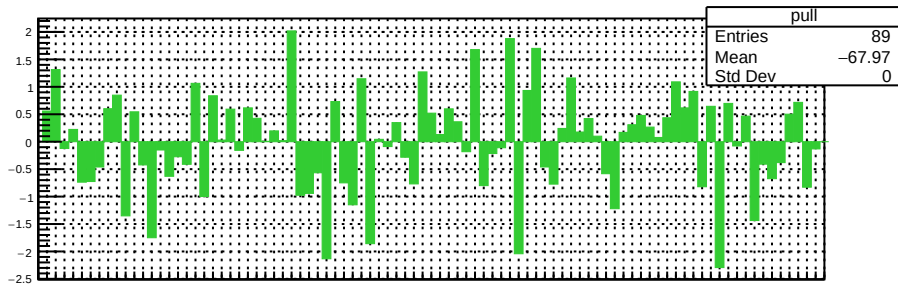
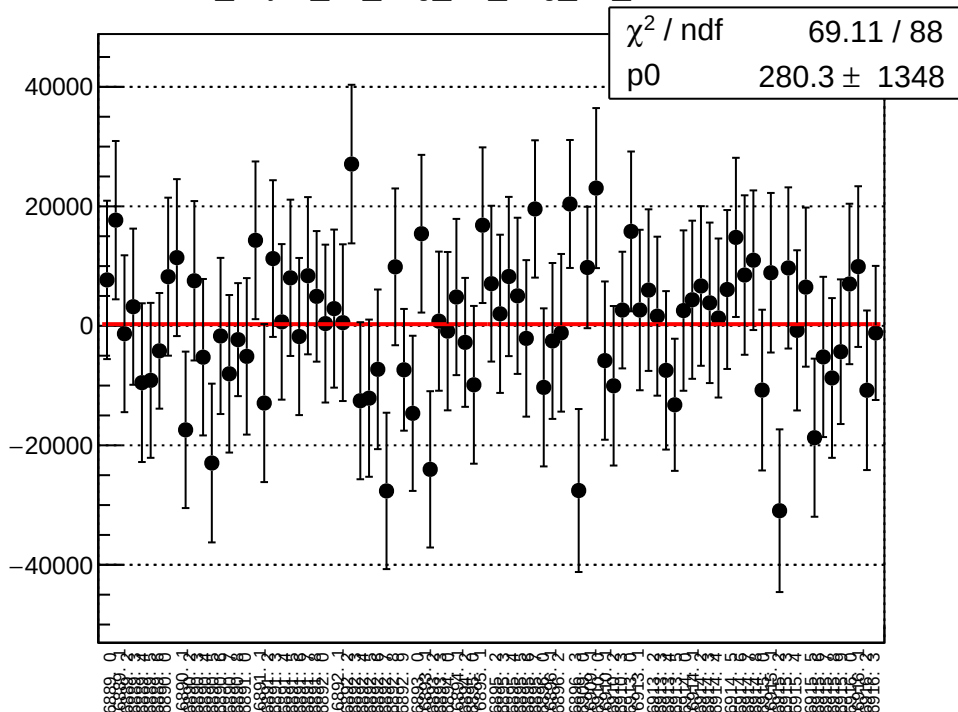
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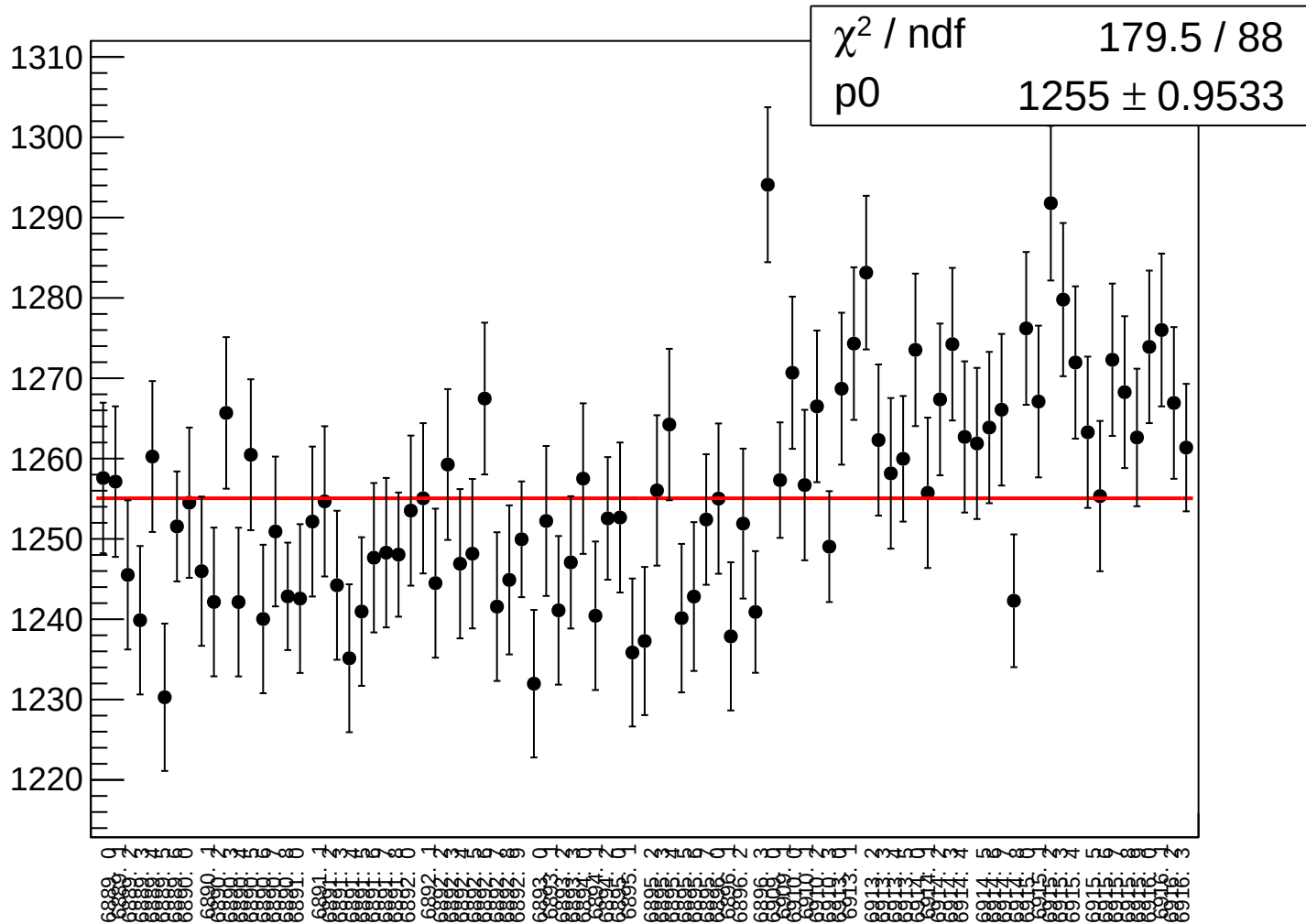
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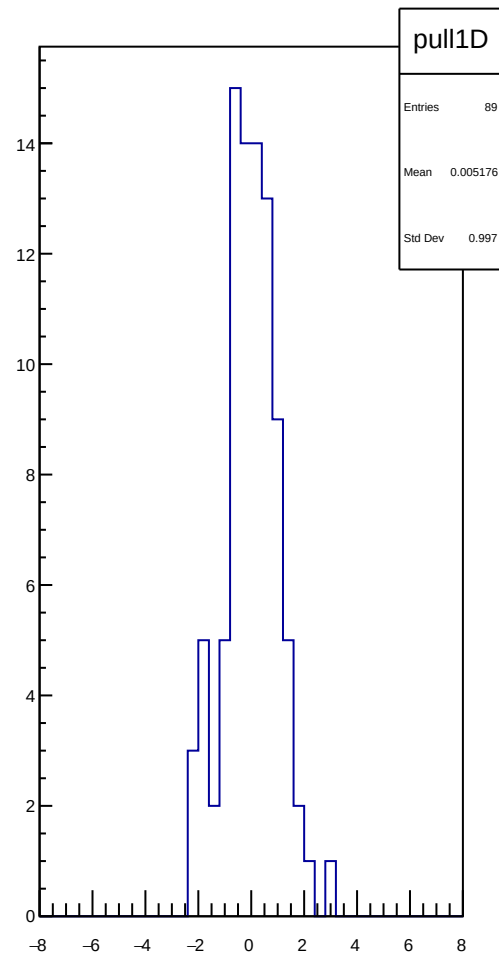
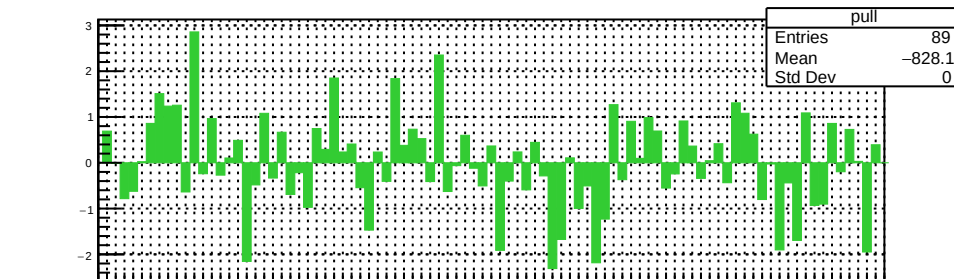
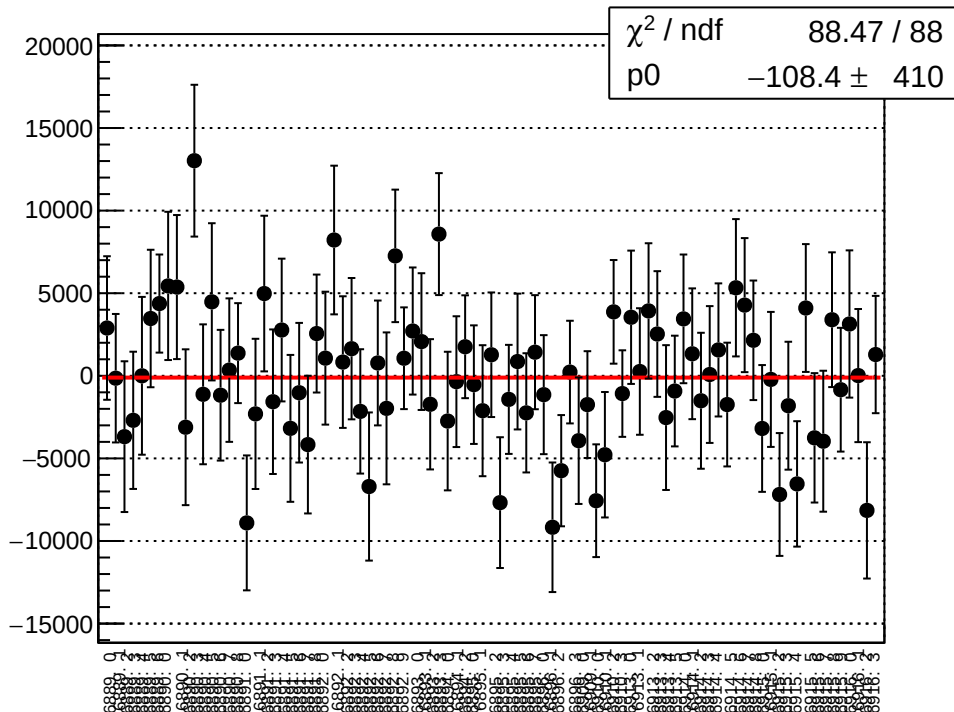
cor_asym_atl_avg_atr_avg_dd_mean vs run



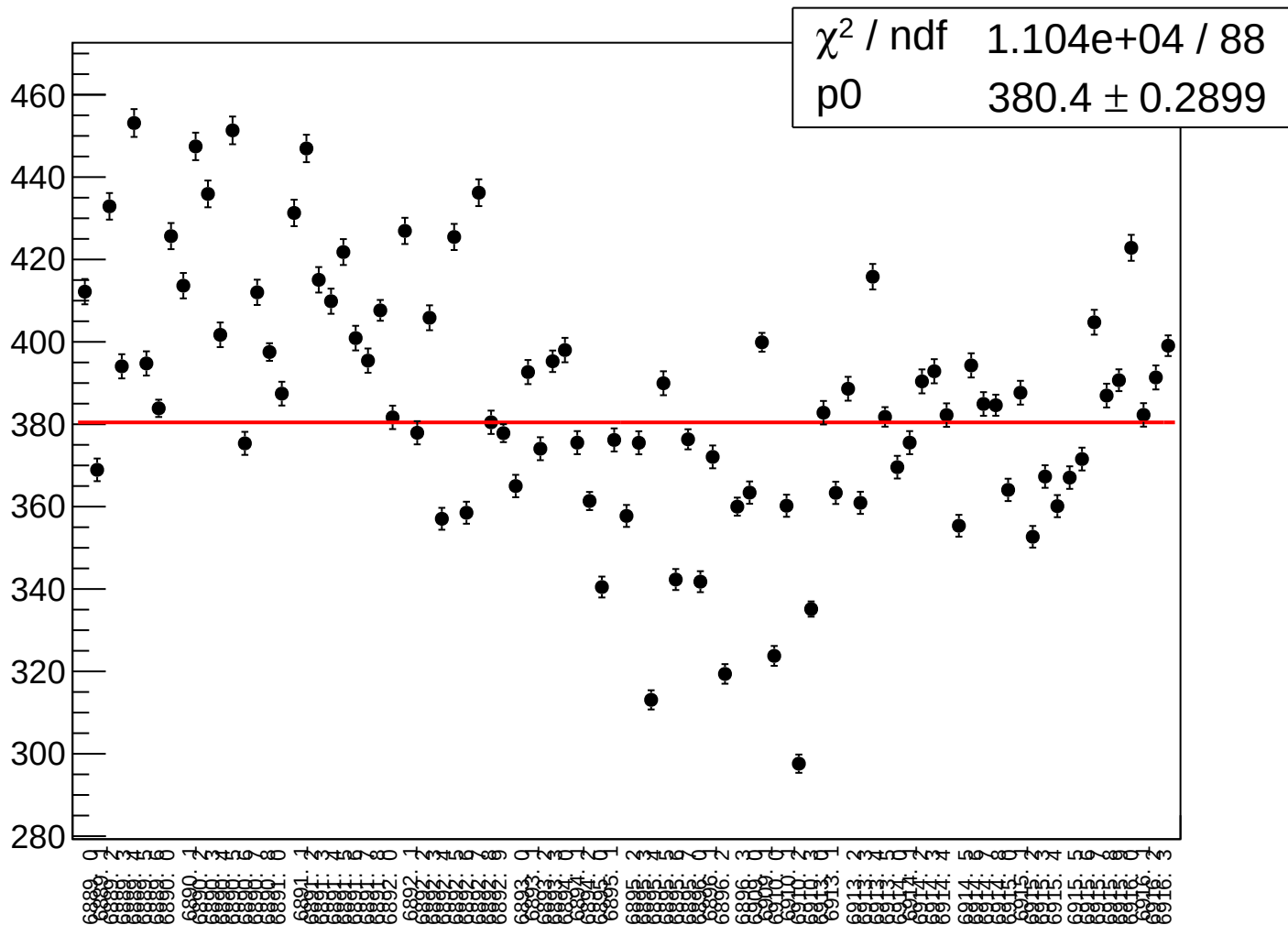
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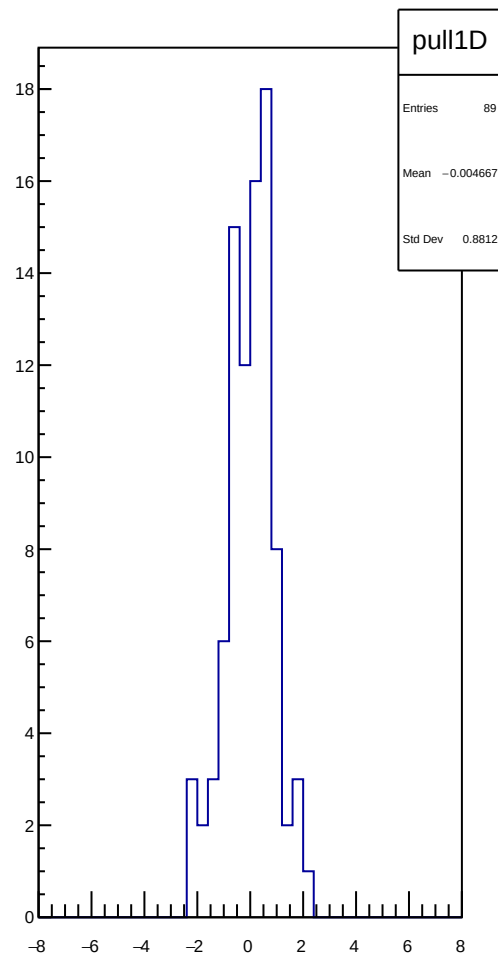
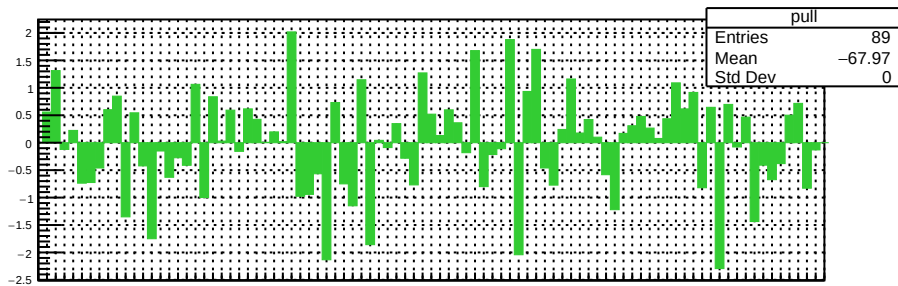
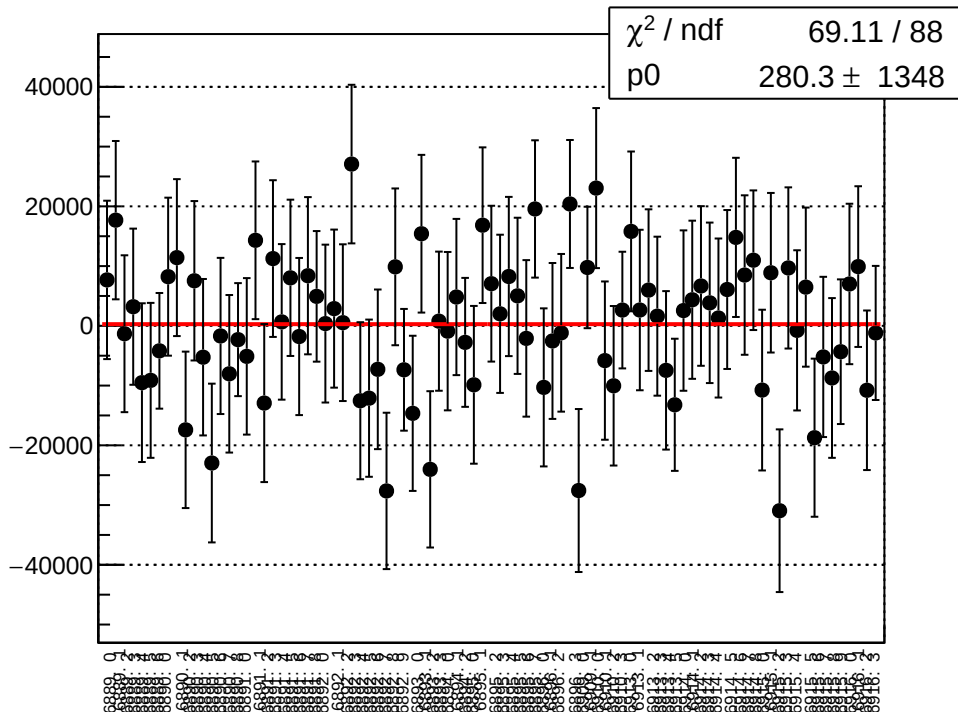
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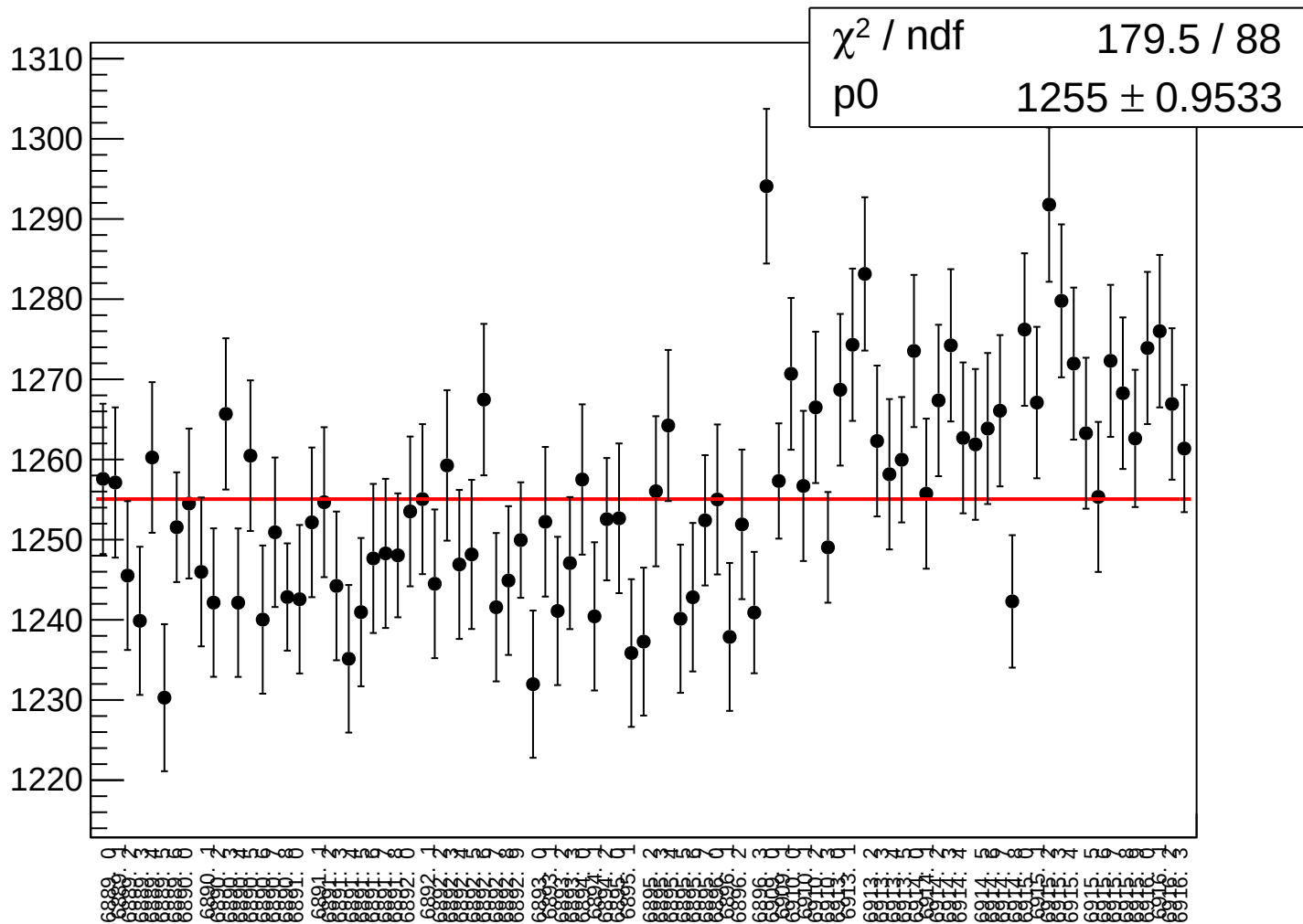
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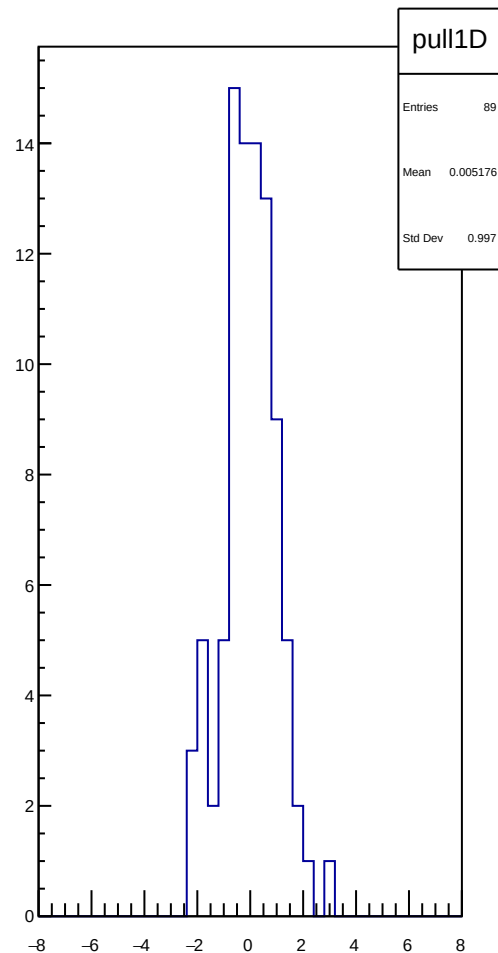
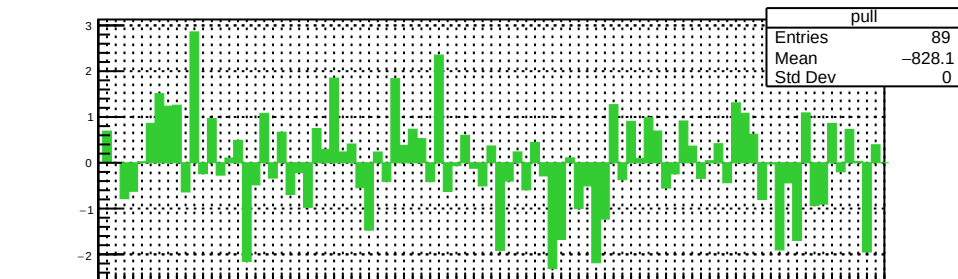
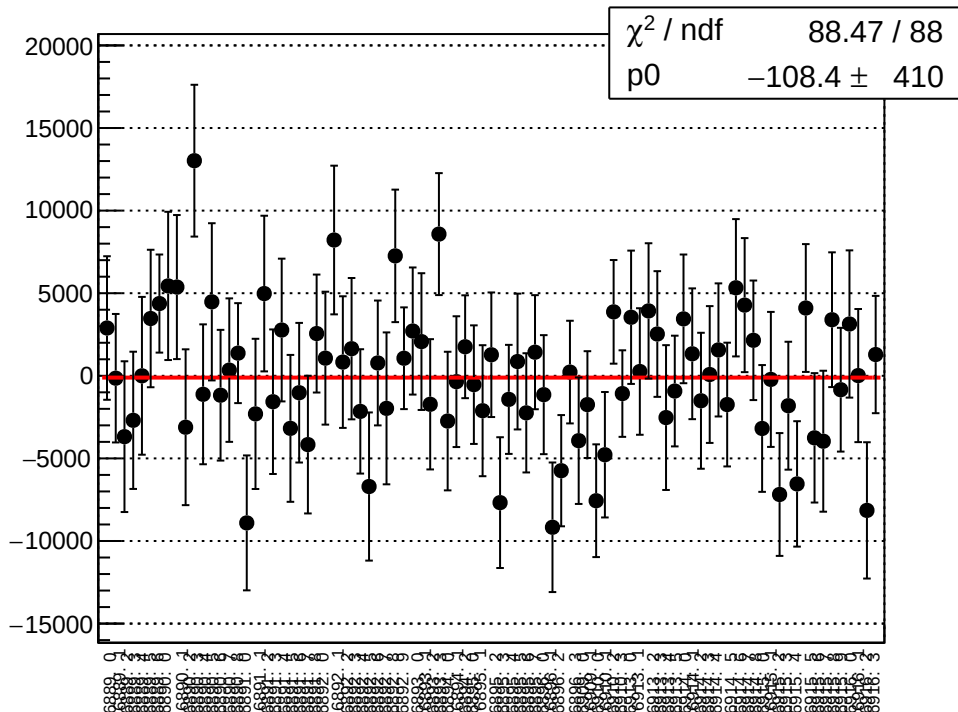
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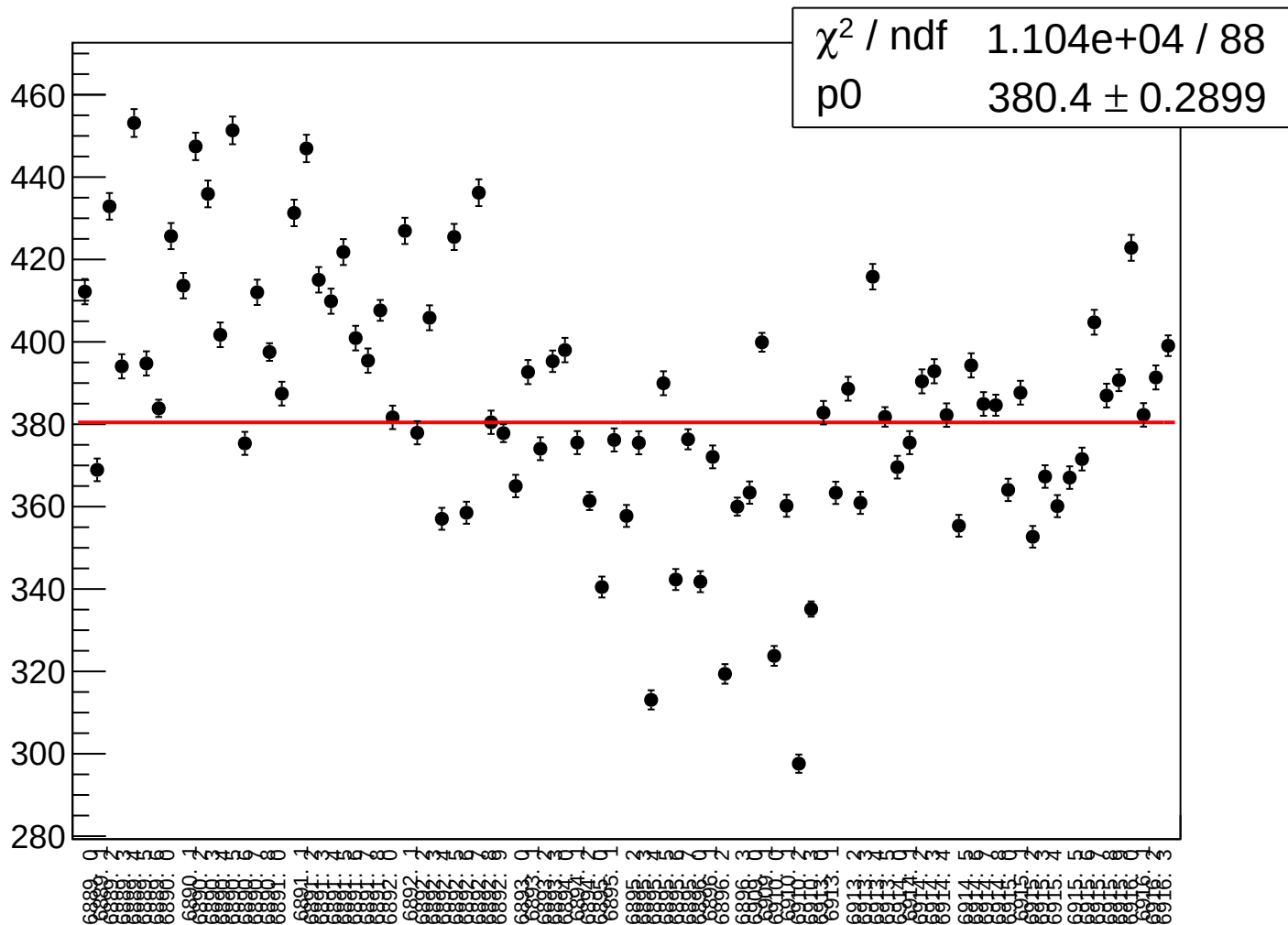
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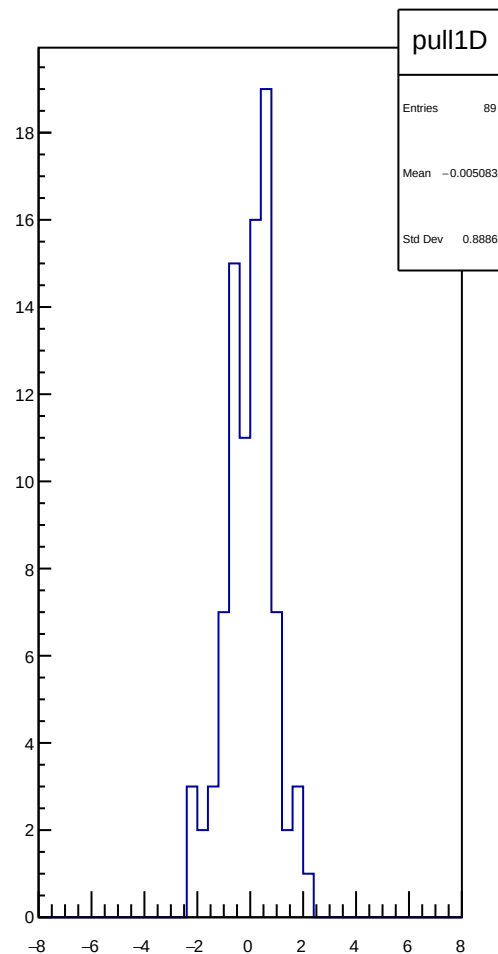
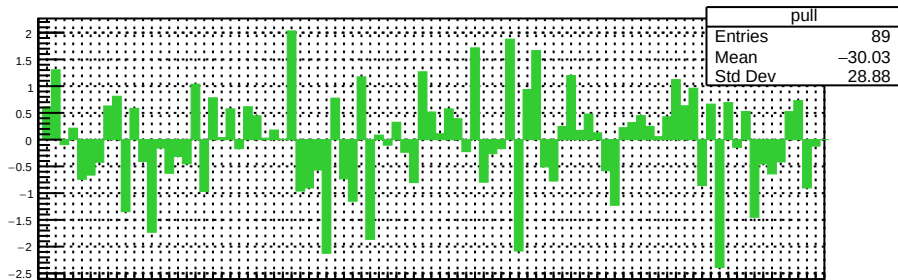
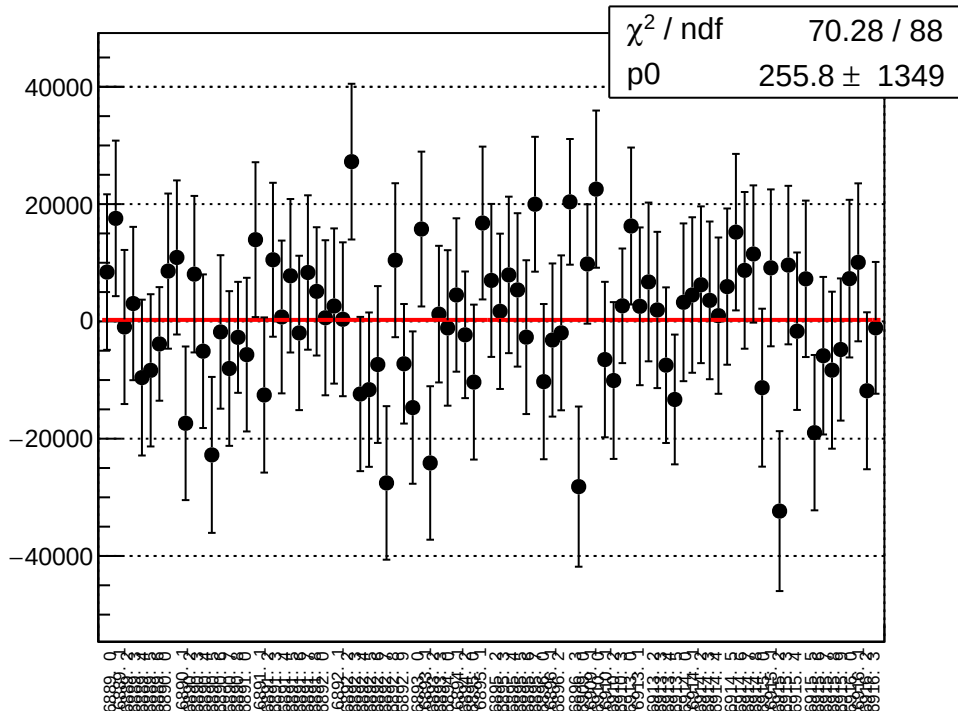
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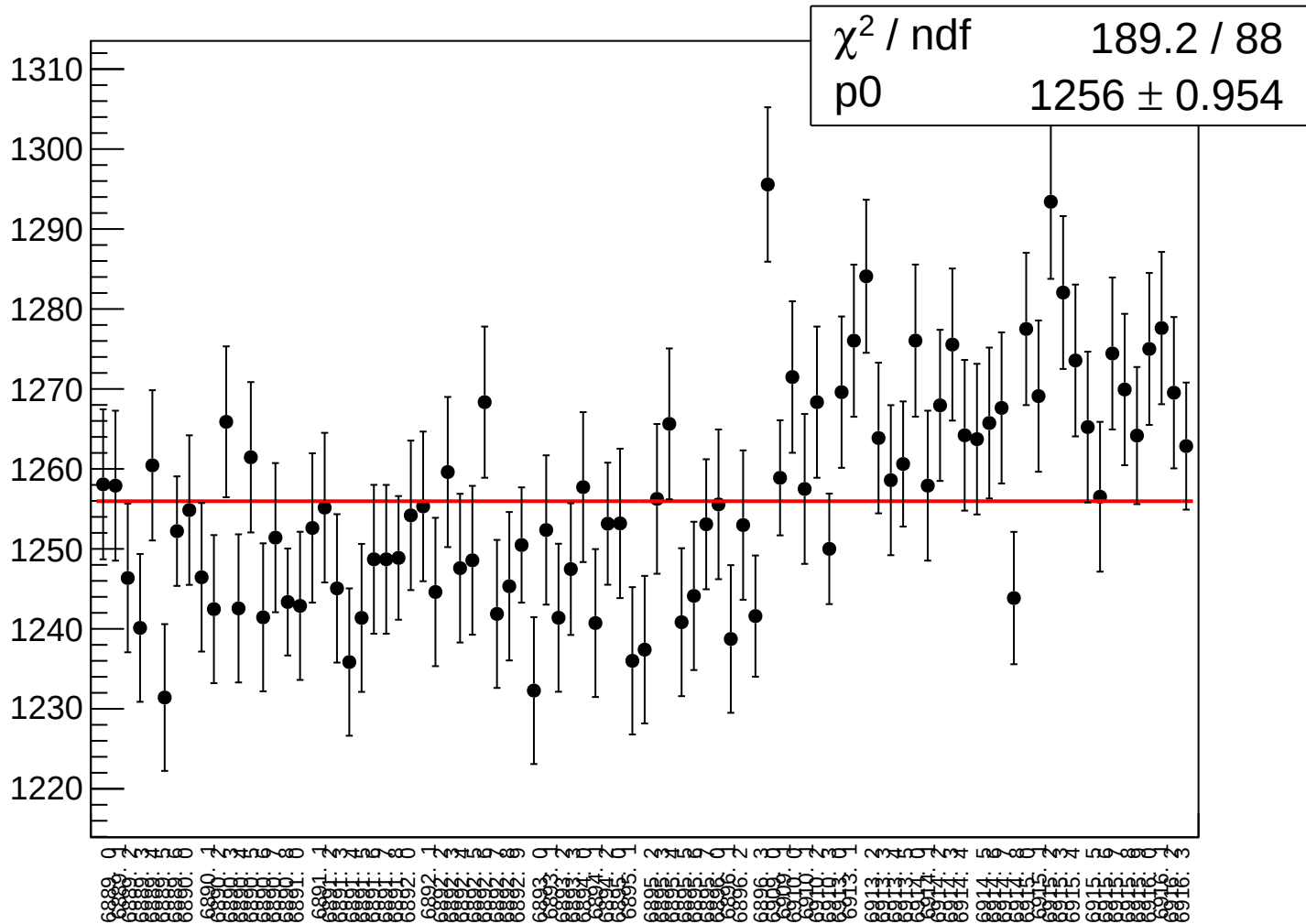
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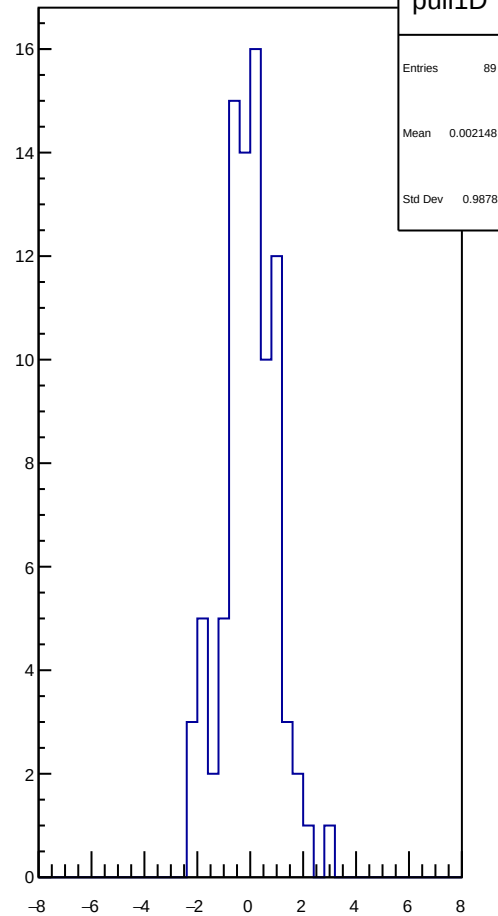
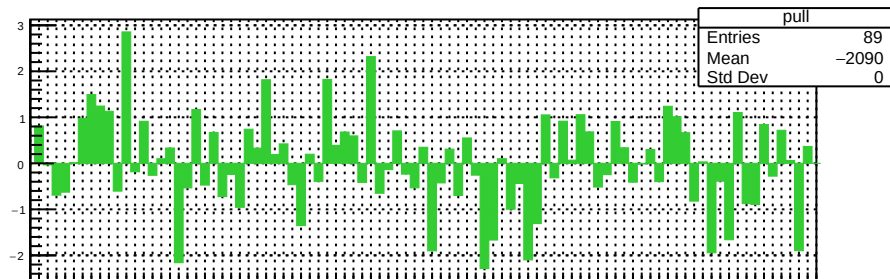
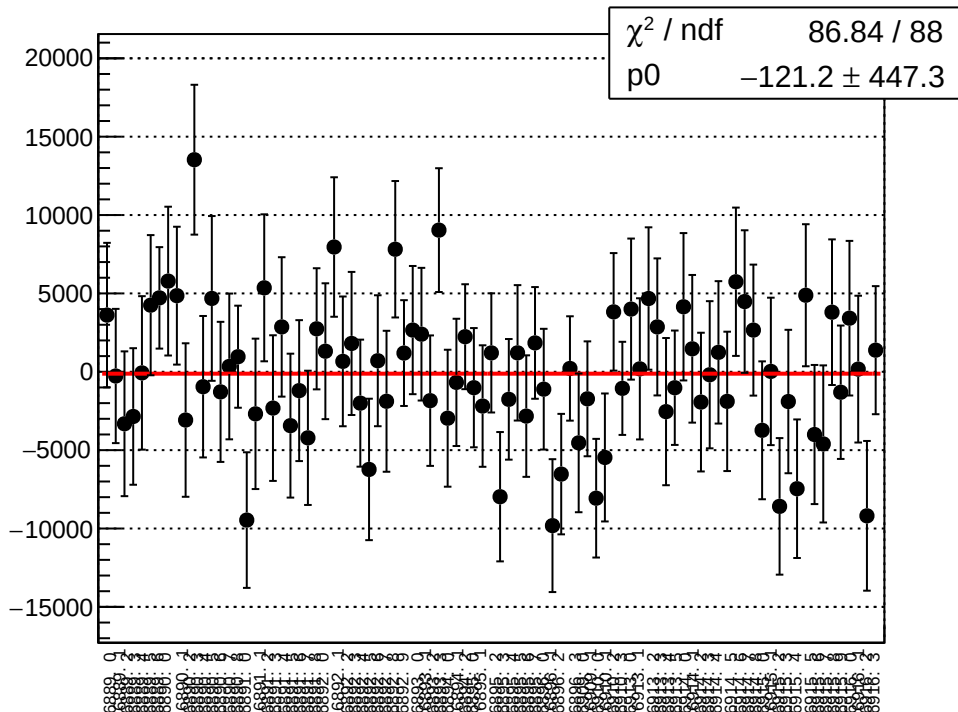
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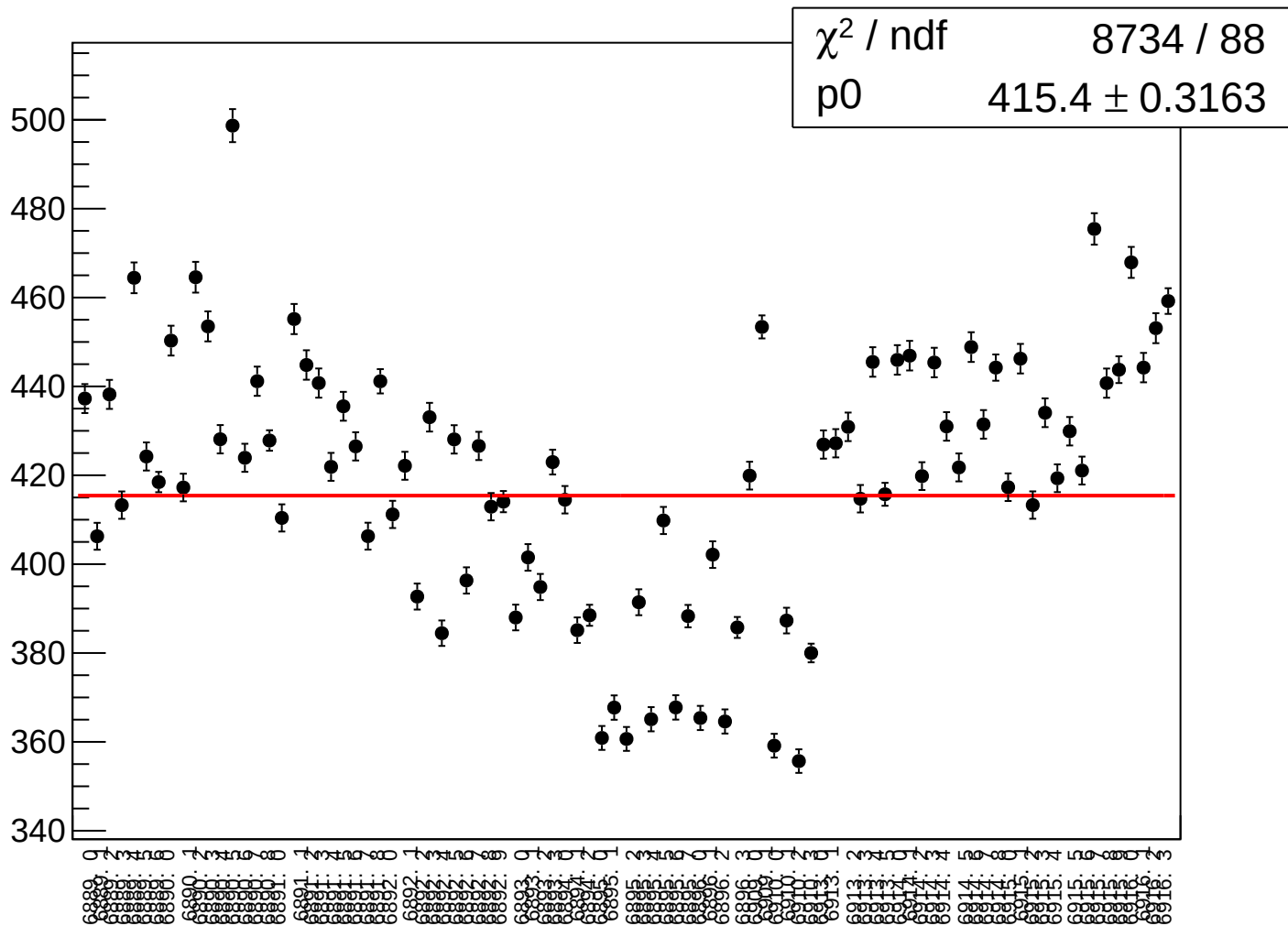
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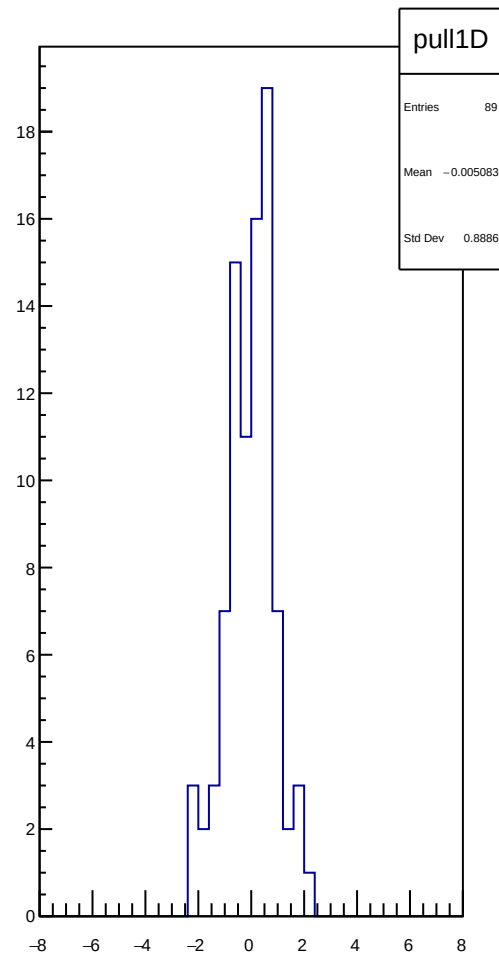
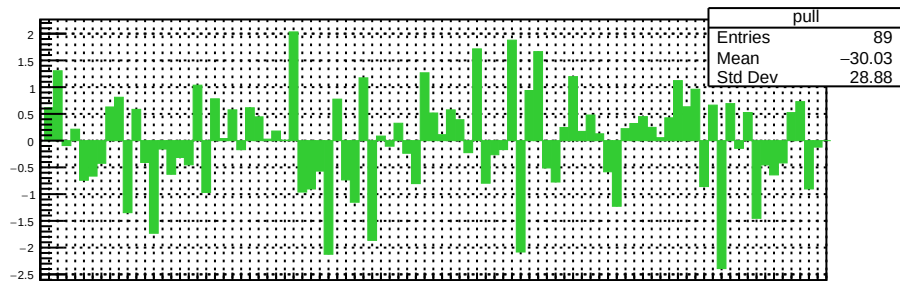
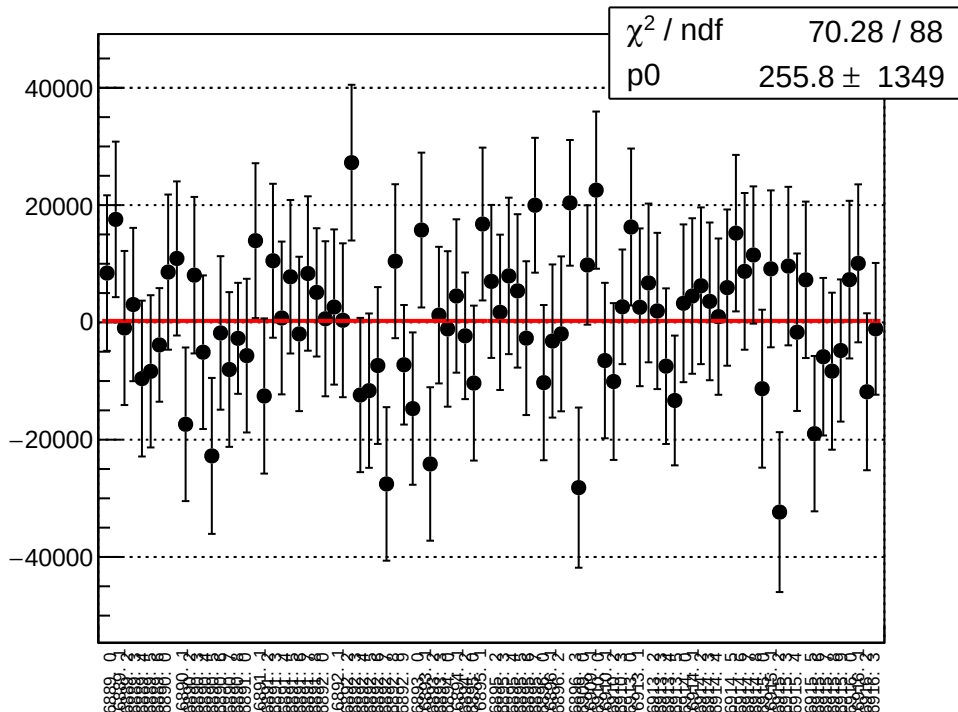
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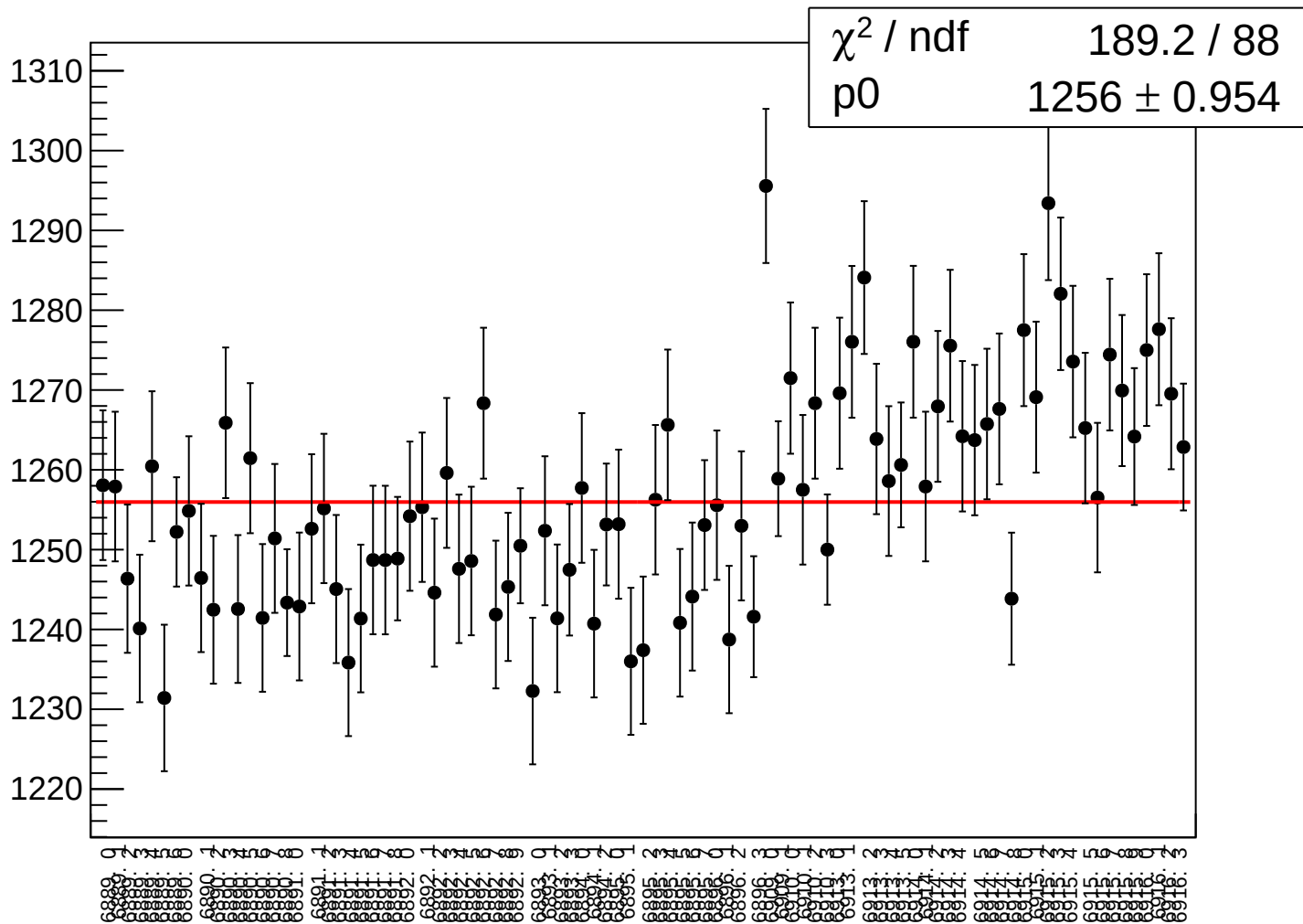
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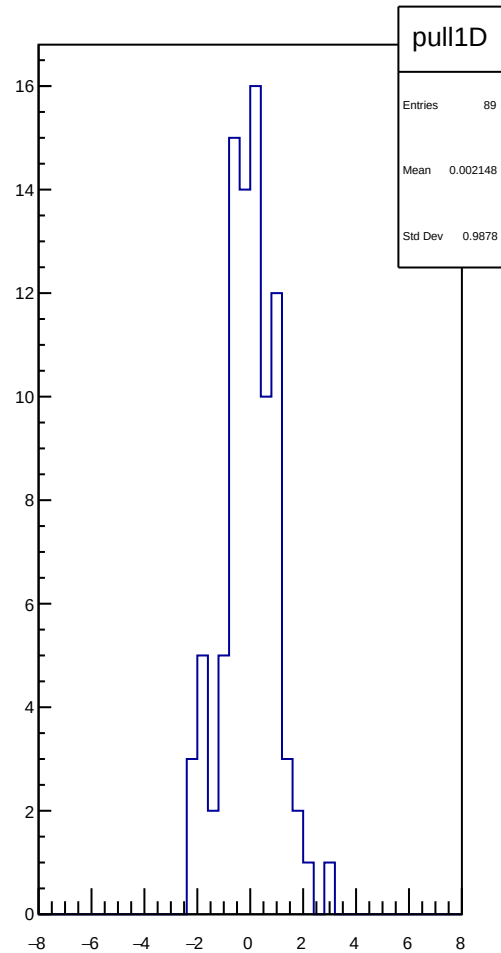
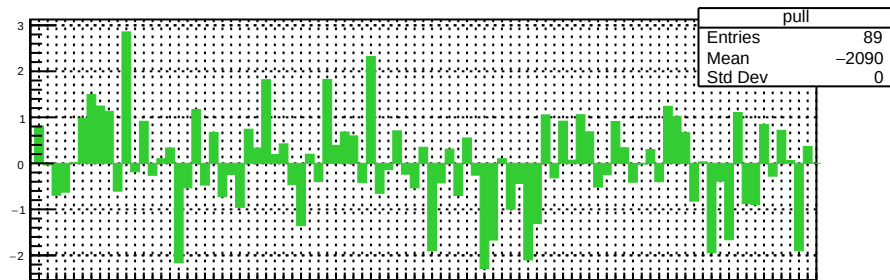
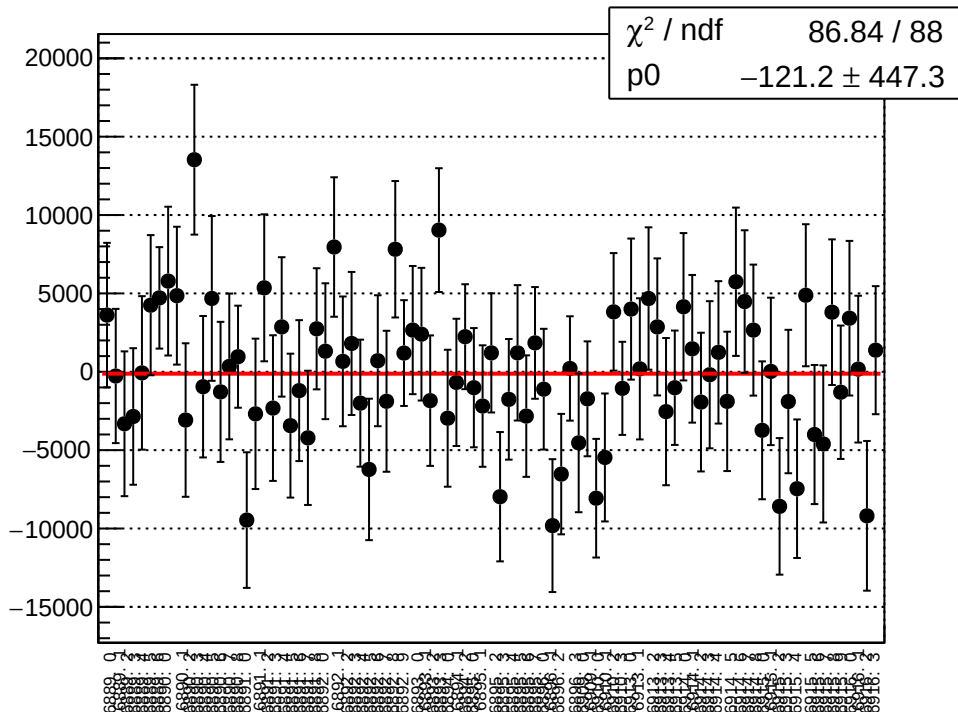
eigen_dit_asym_atl_avg_atr_avg_dd_mean vs run



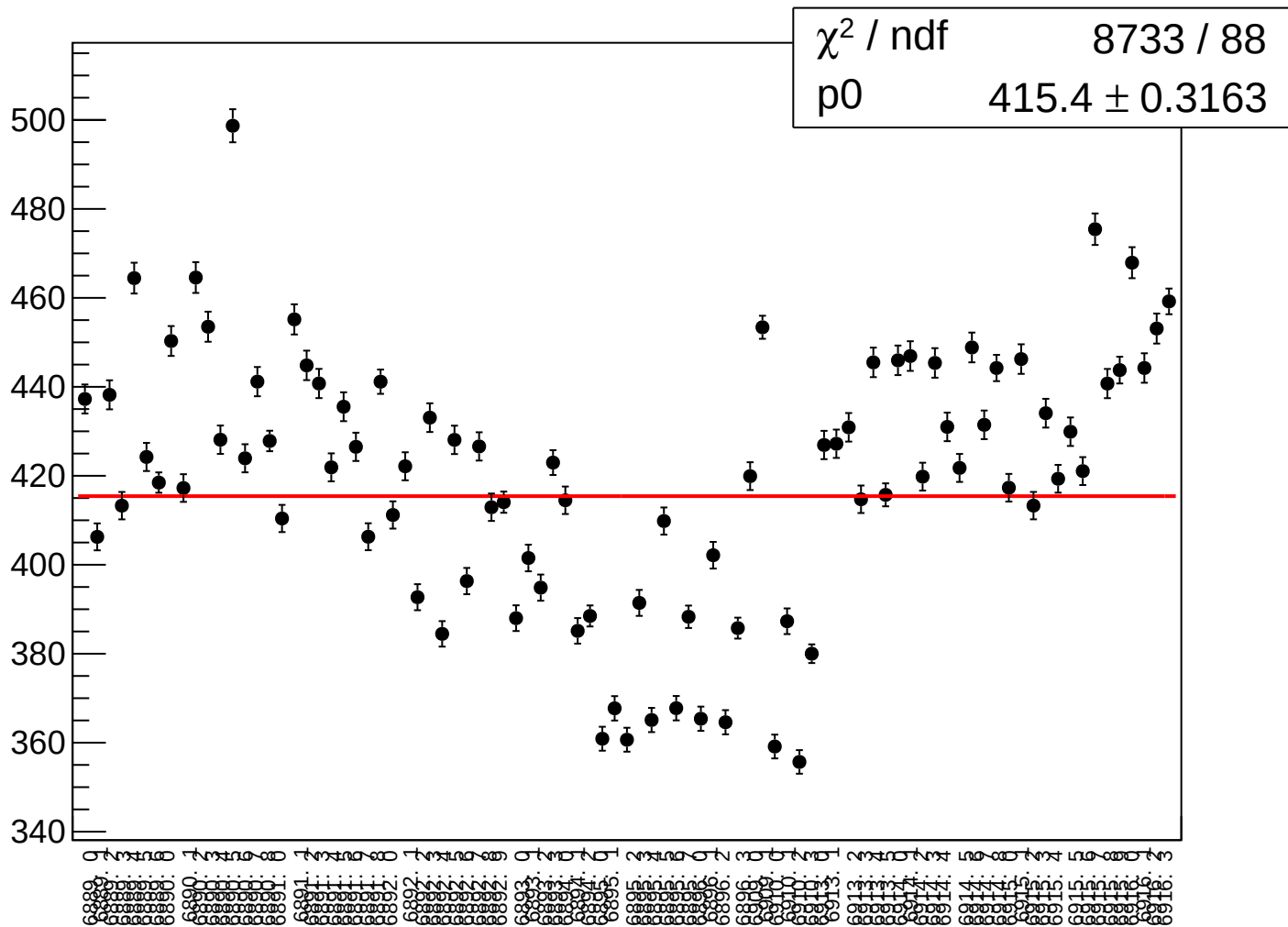
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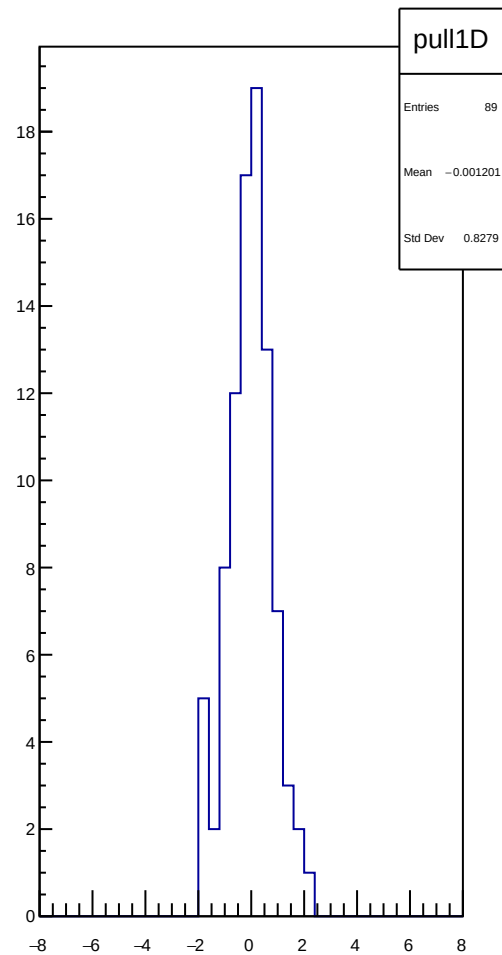
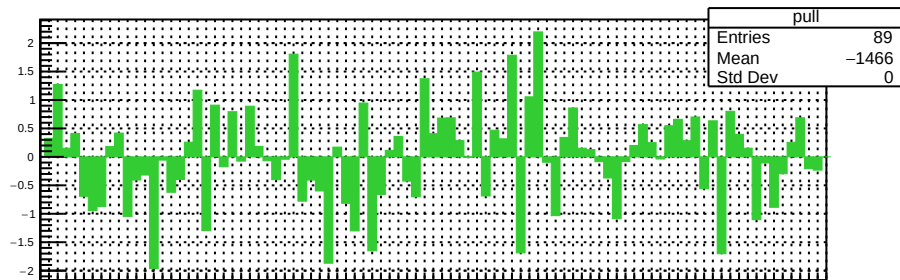
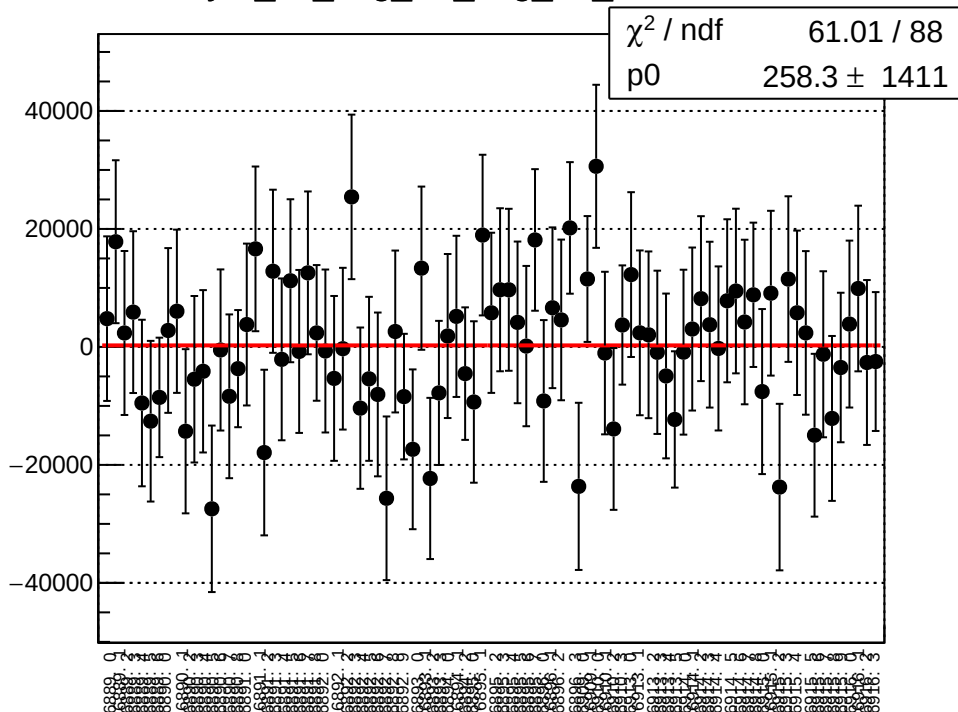
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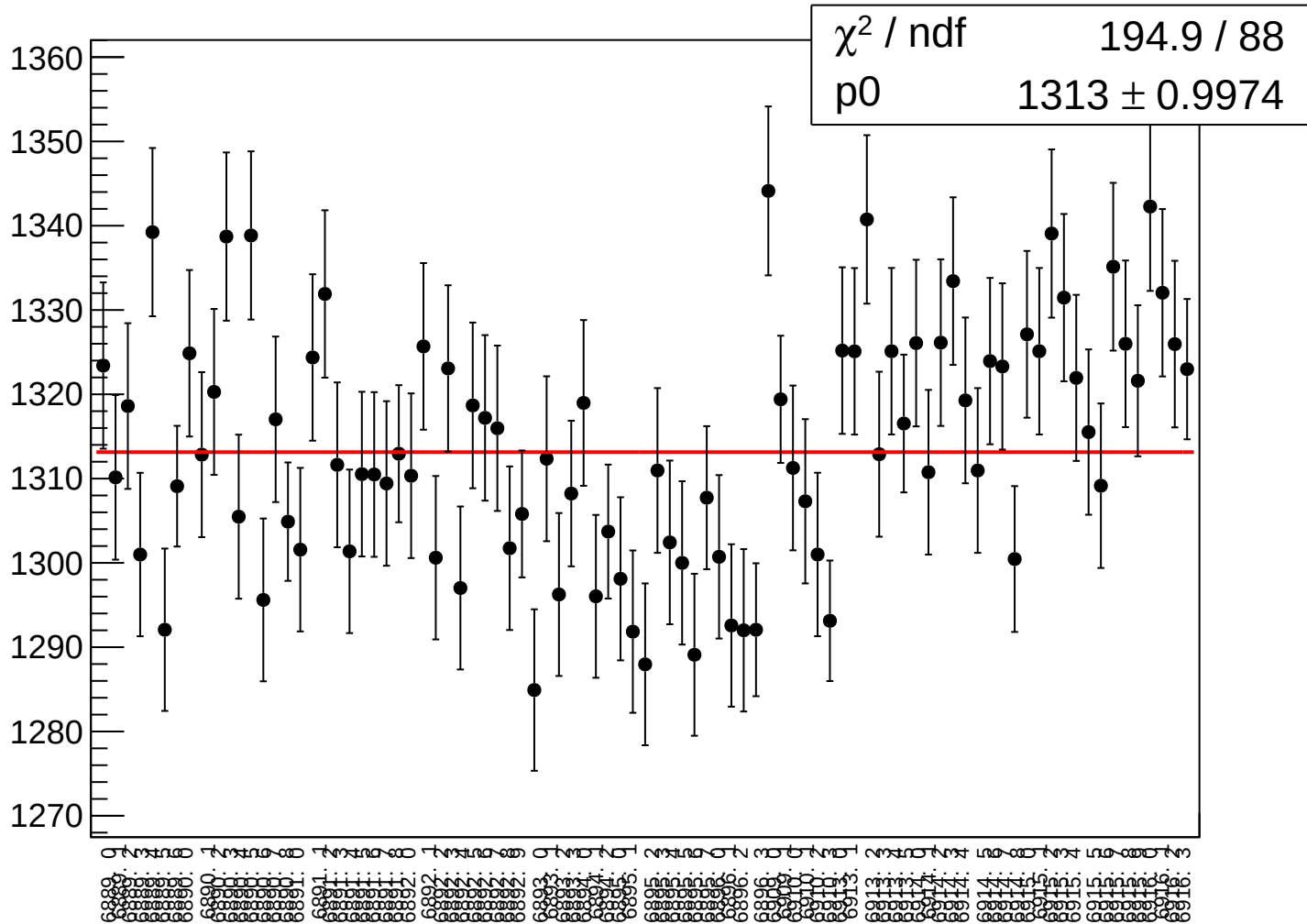
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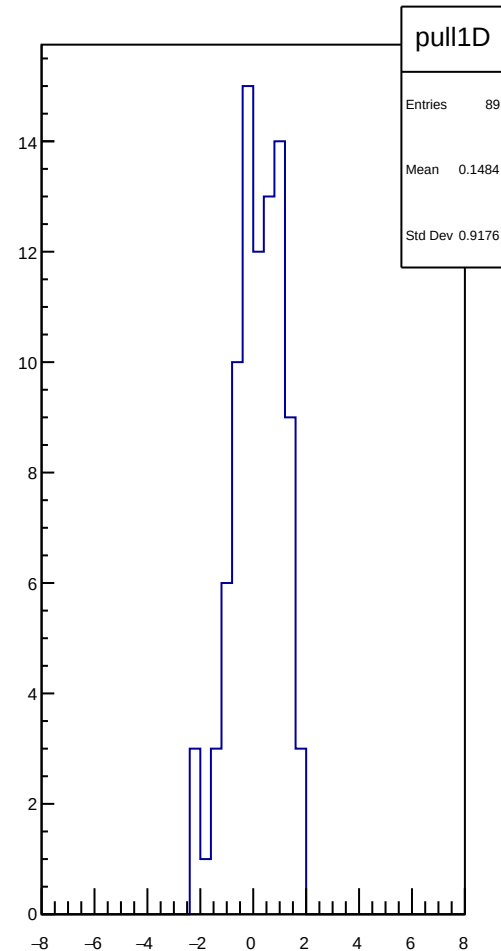
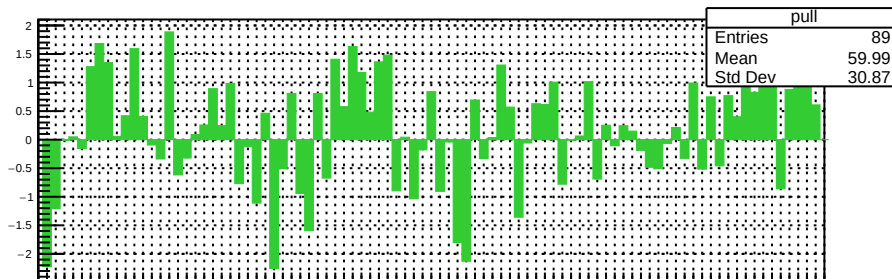
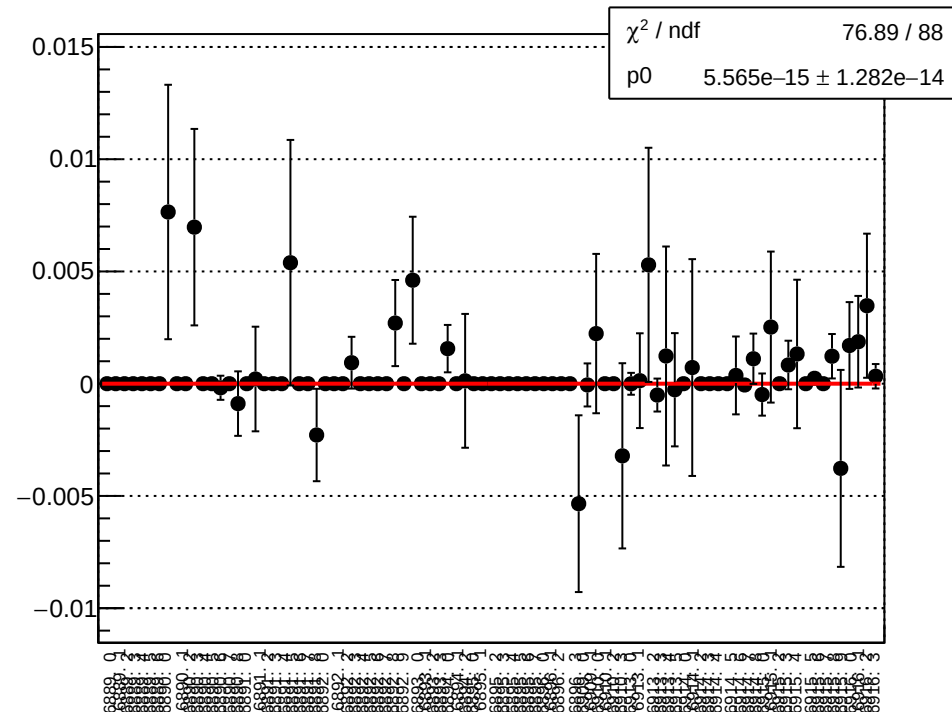
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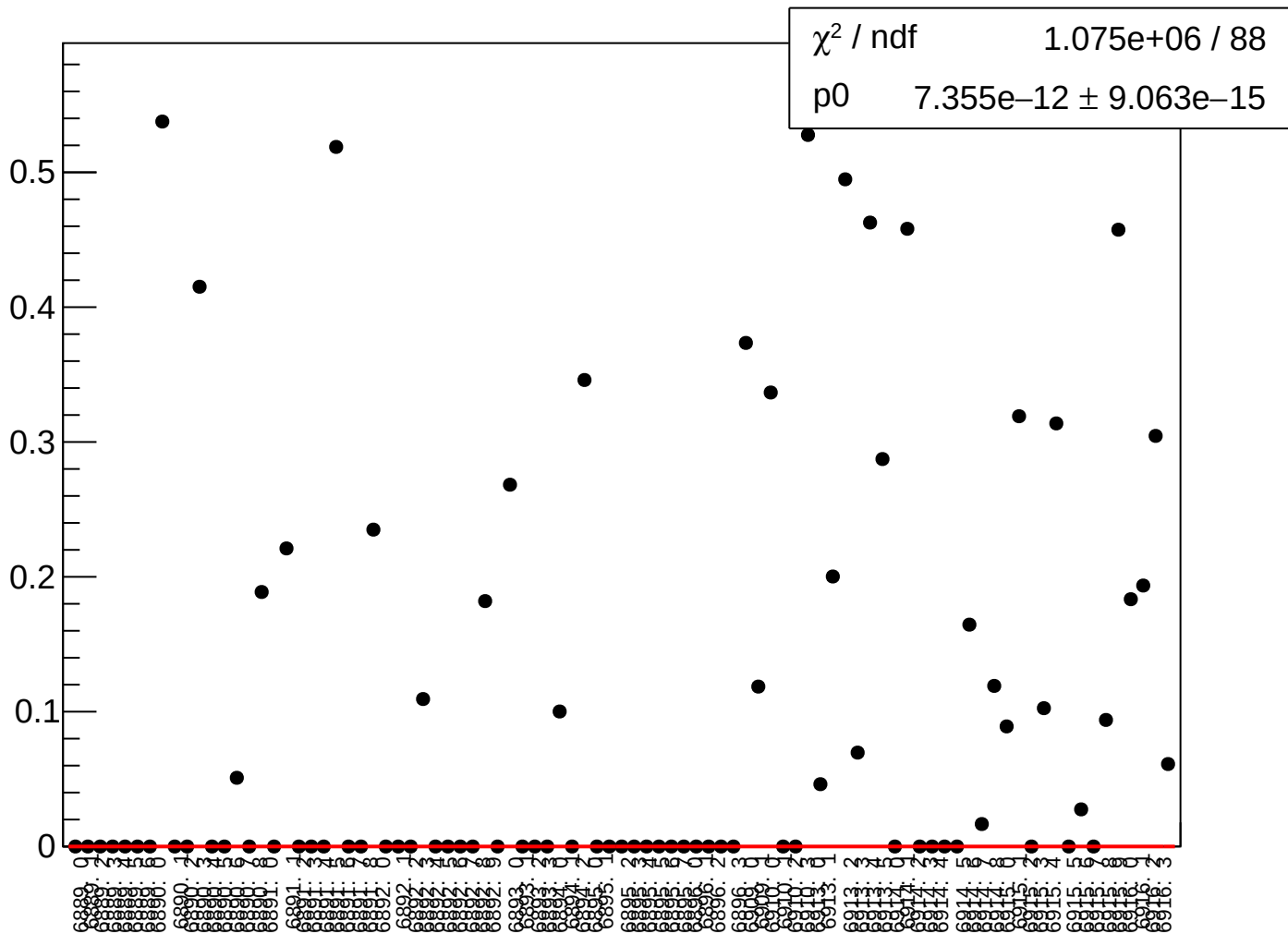
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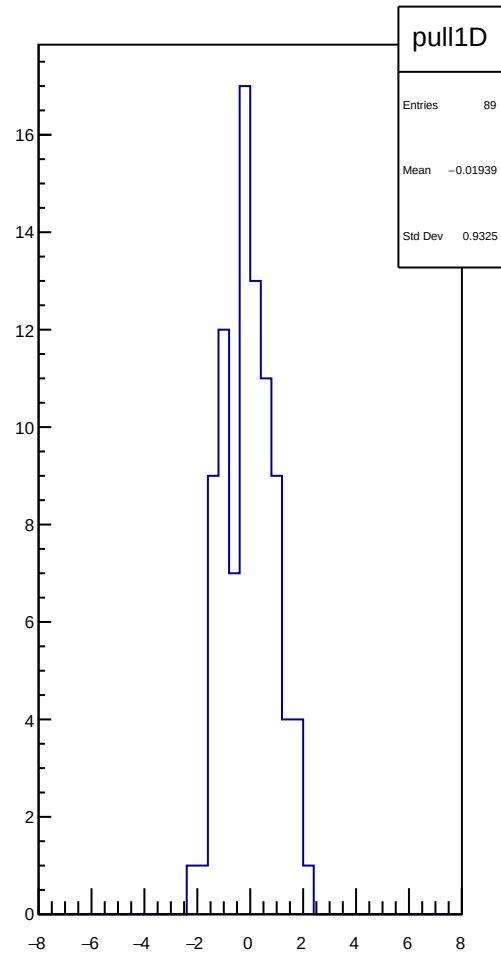
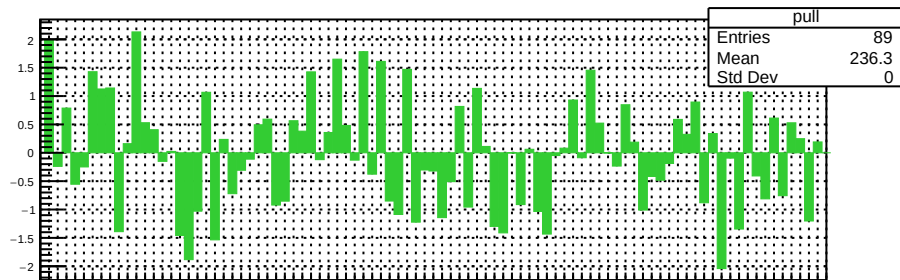
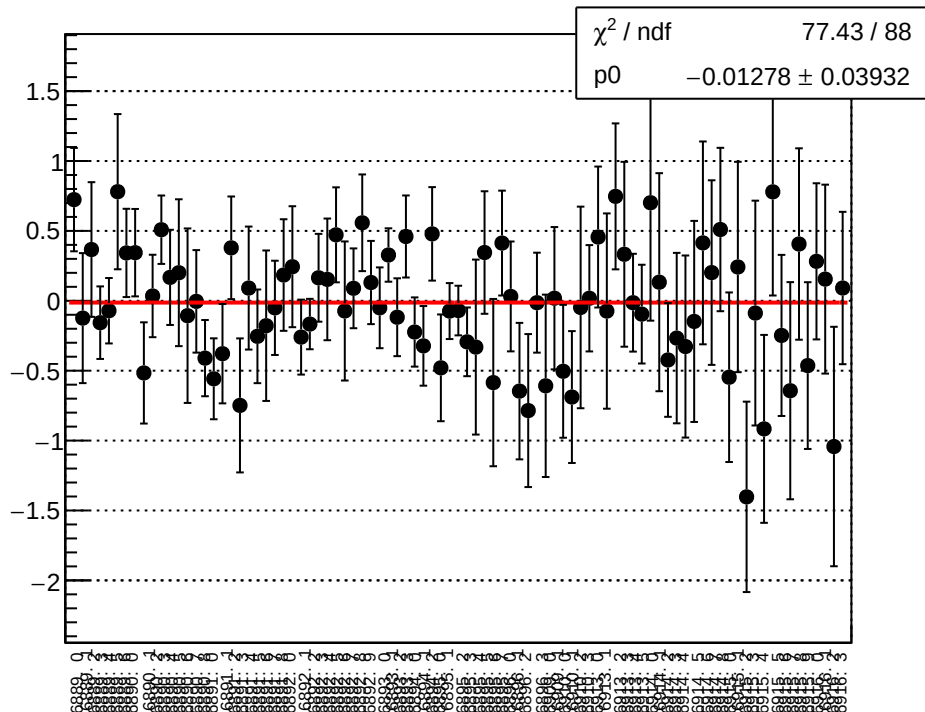
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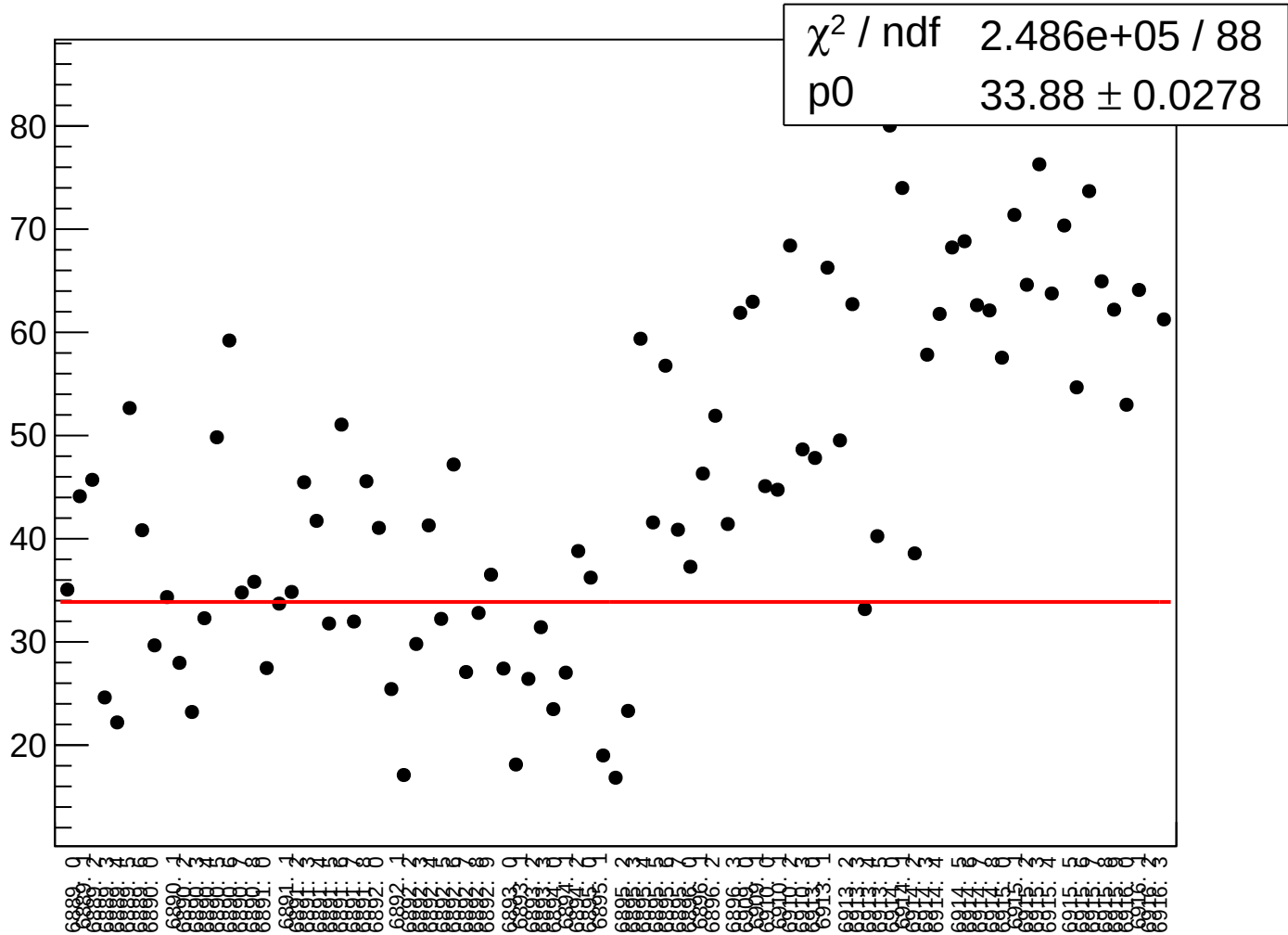
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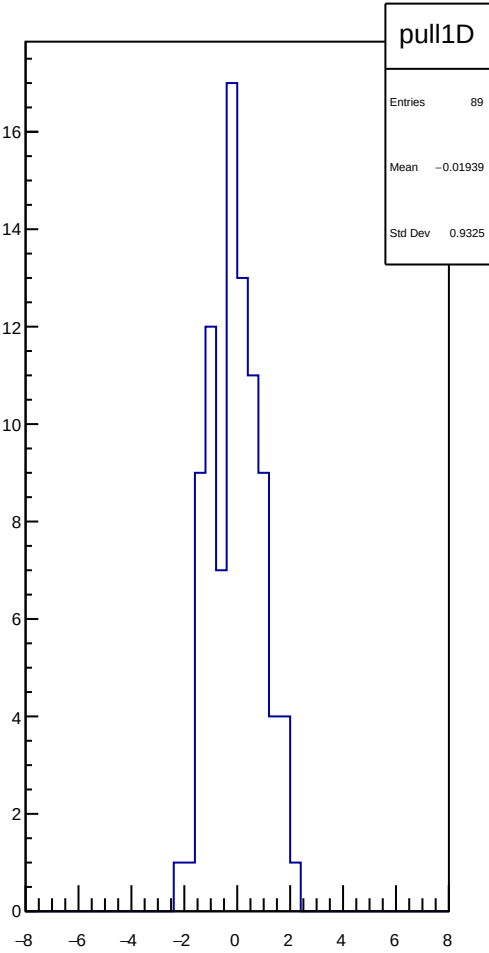
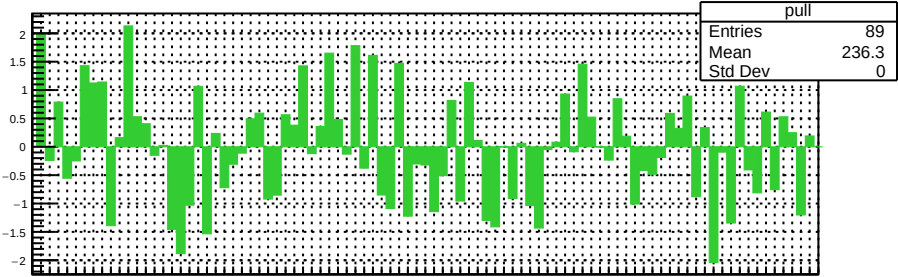
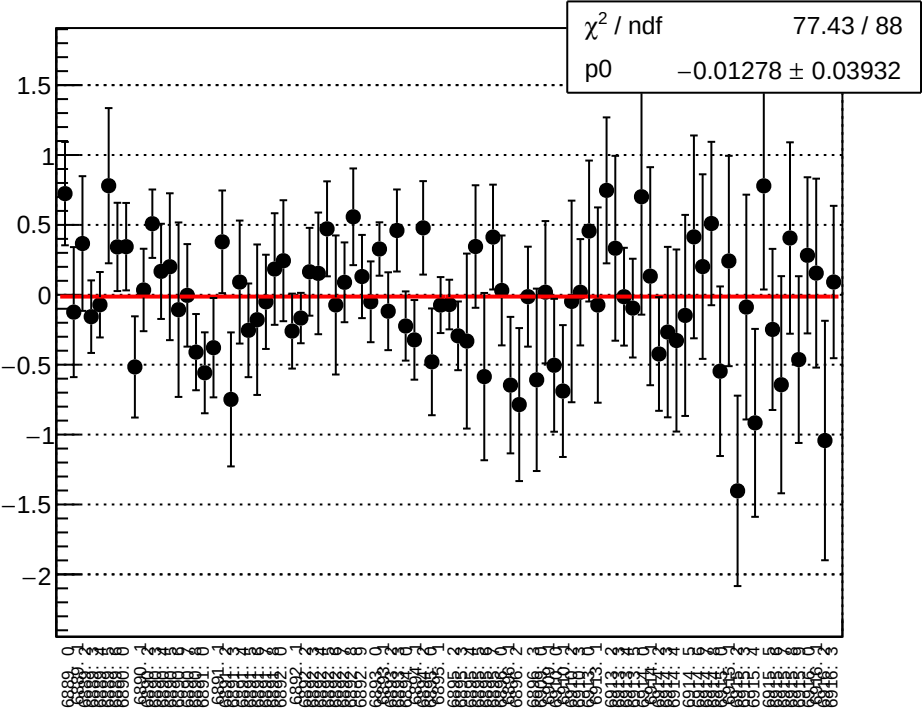
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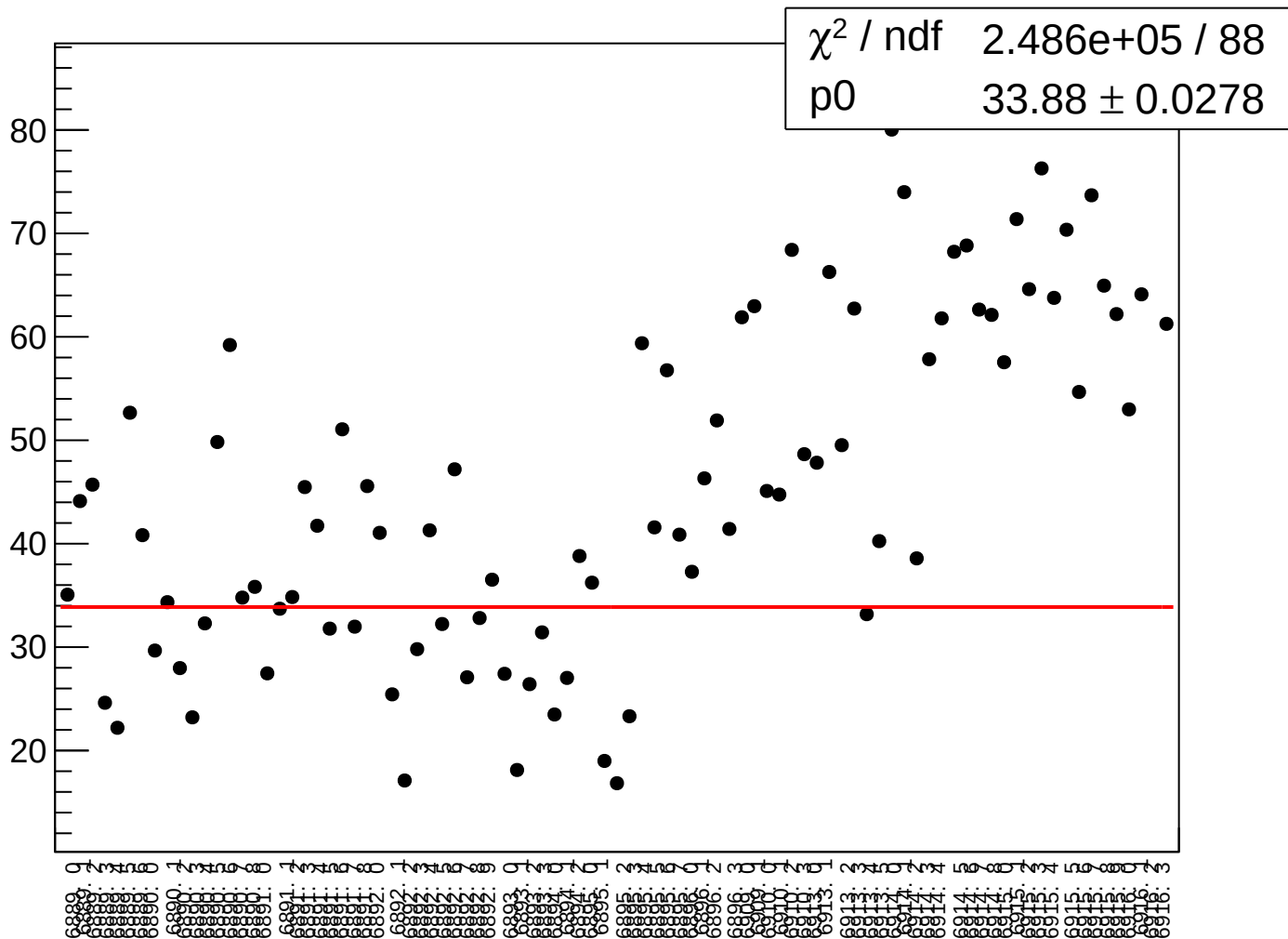
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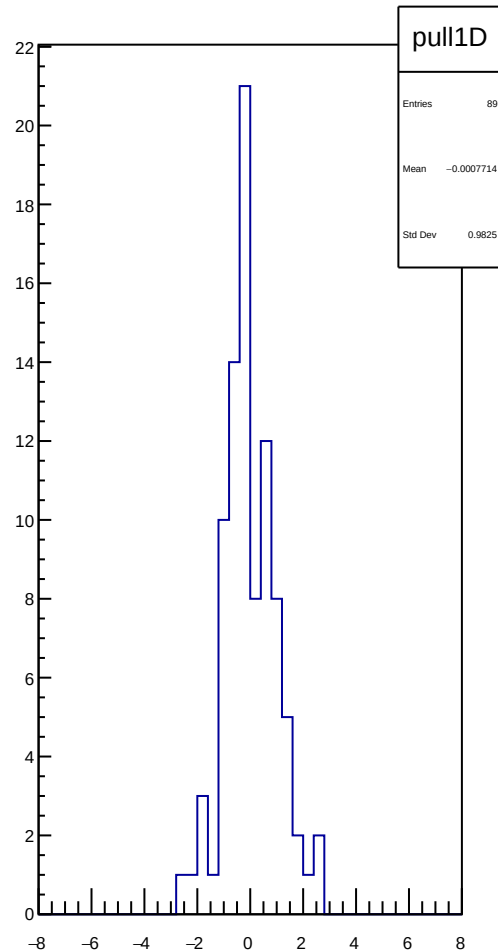
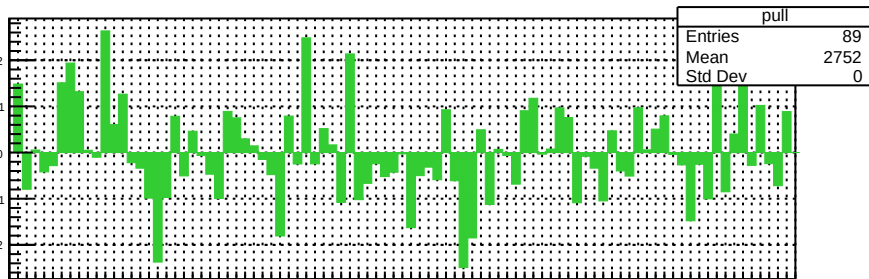
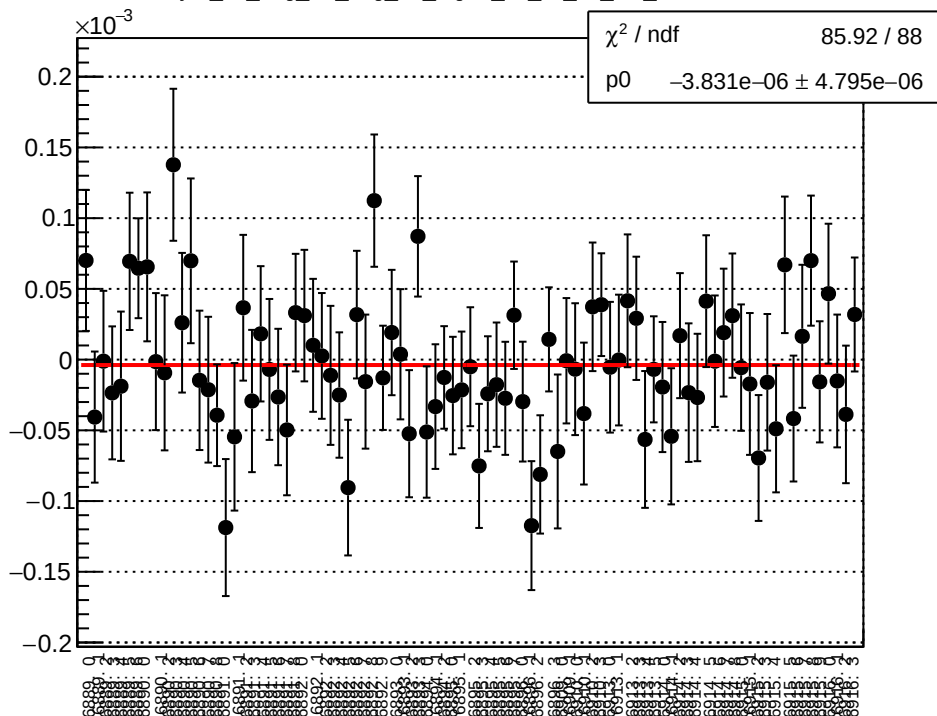
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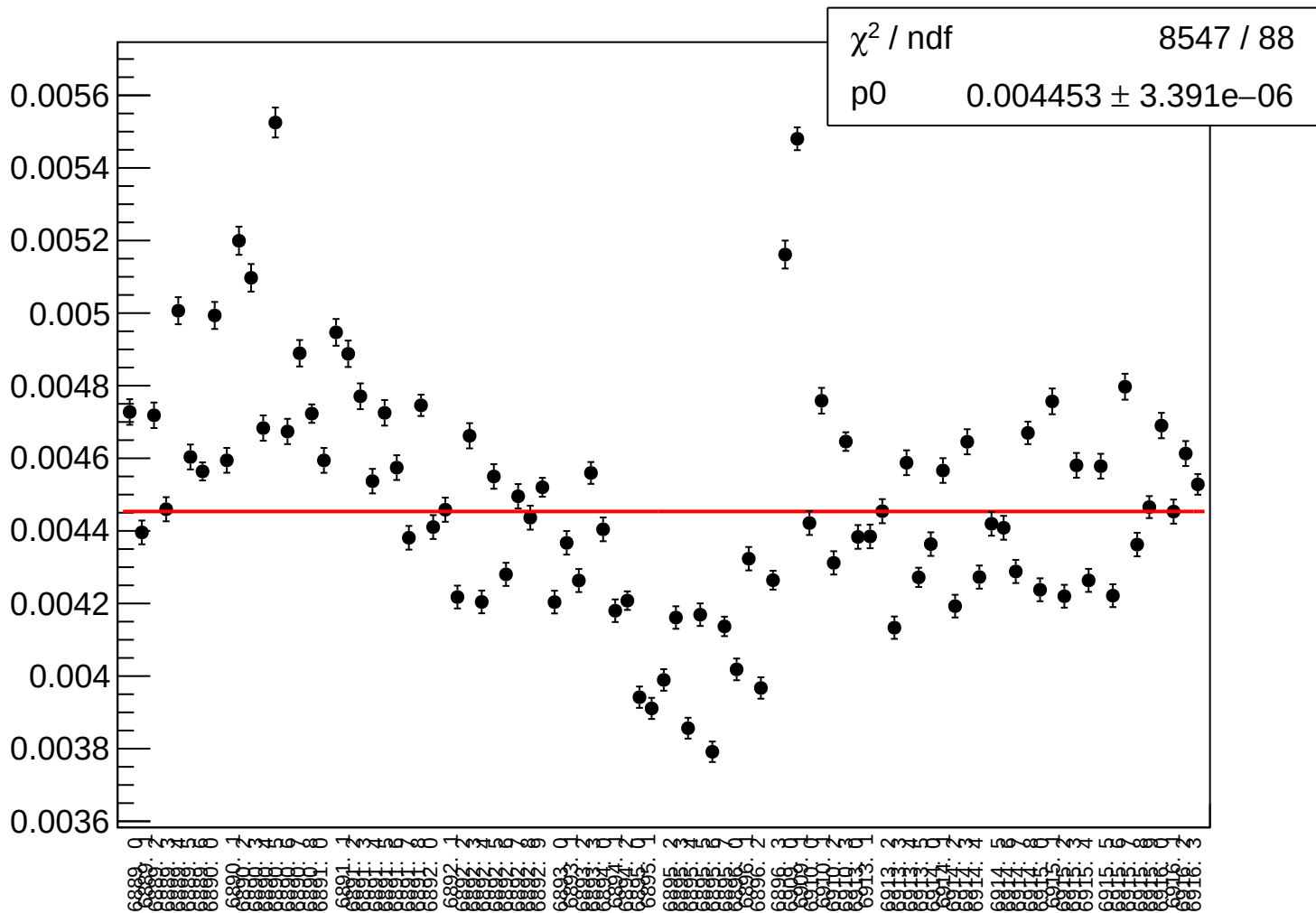
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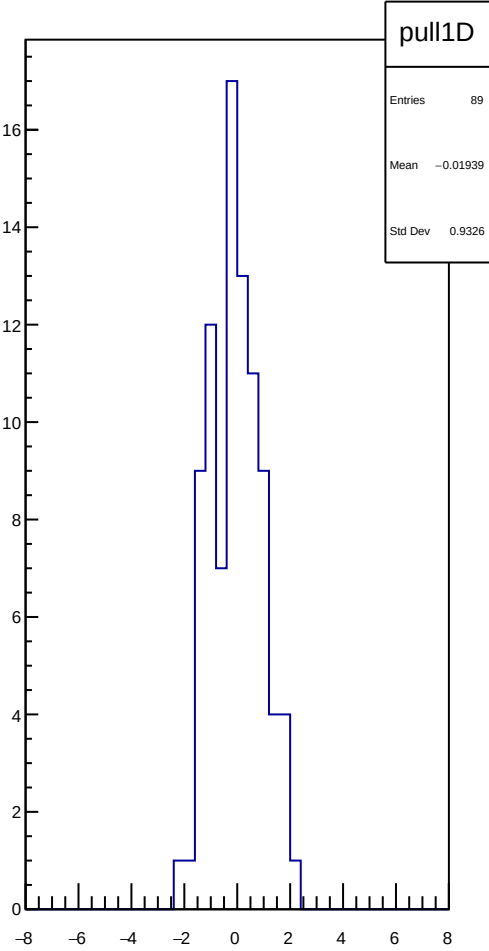
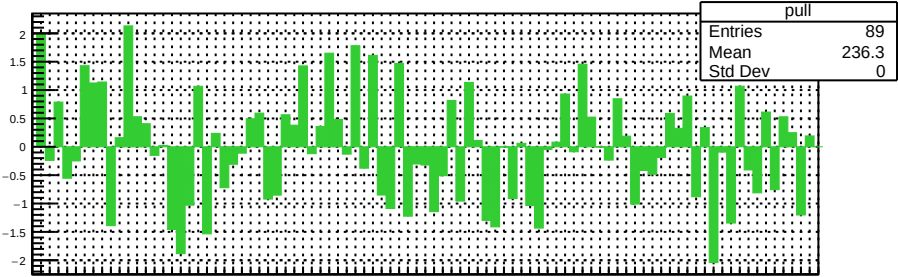
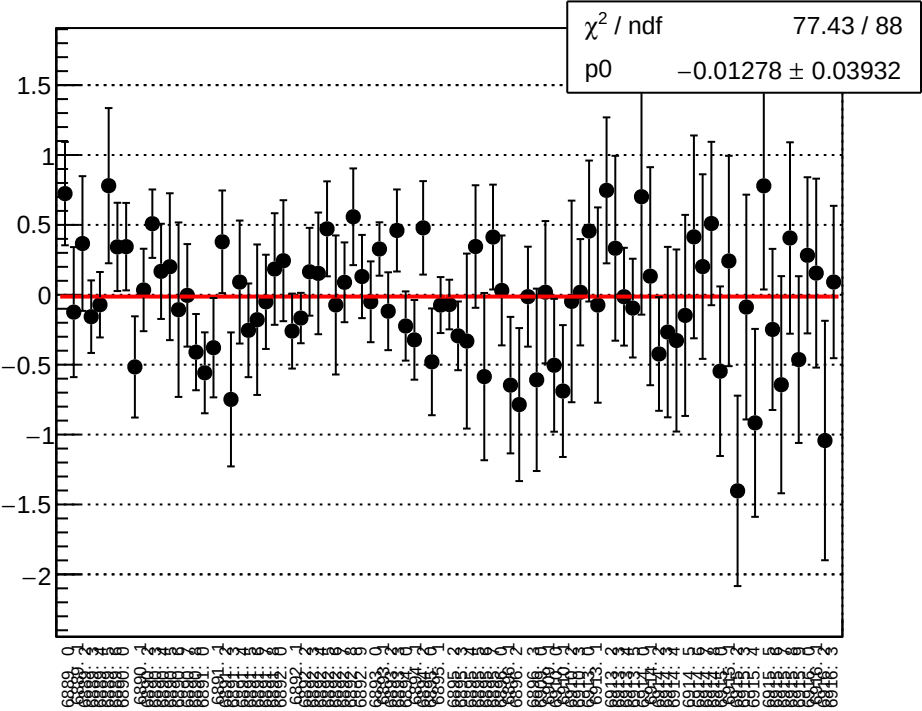
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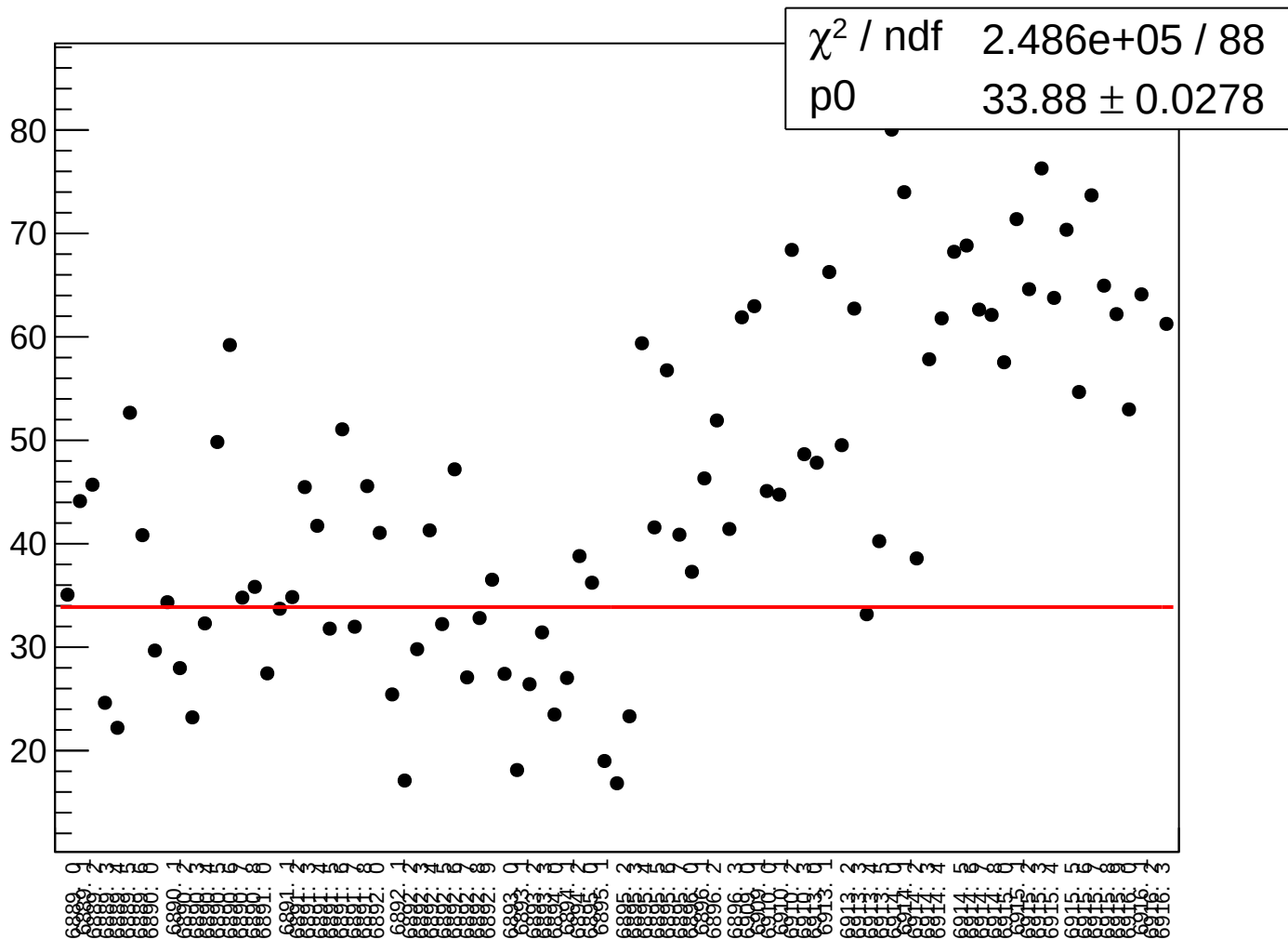
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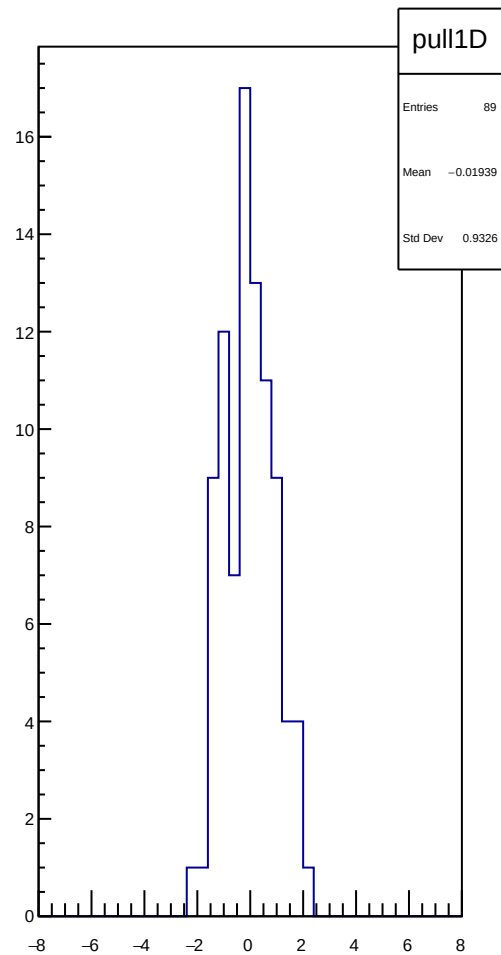
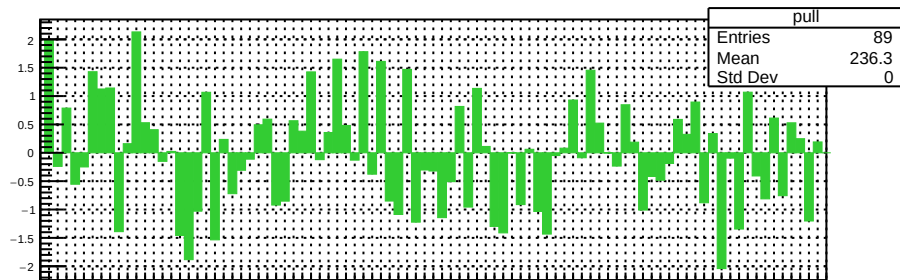
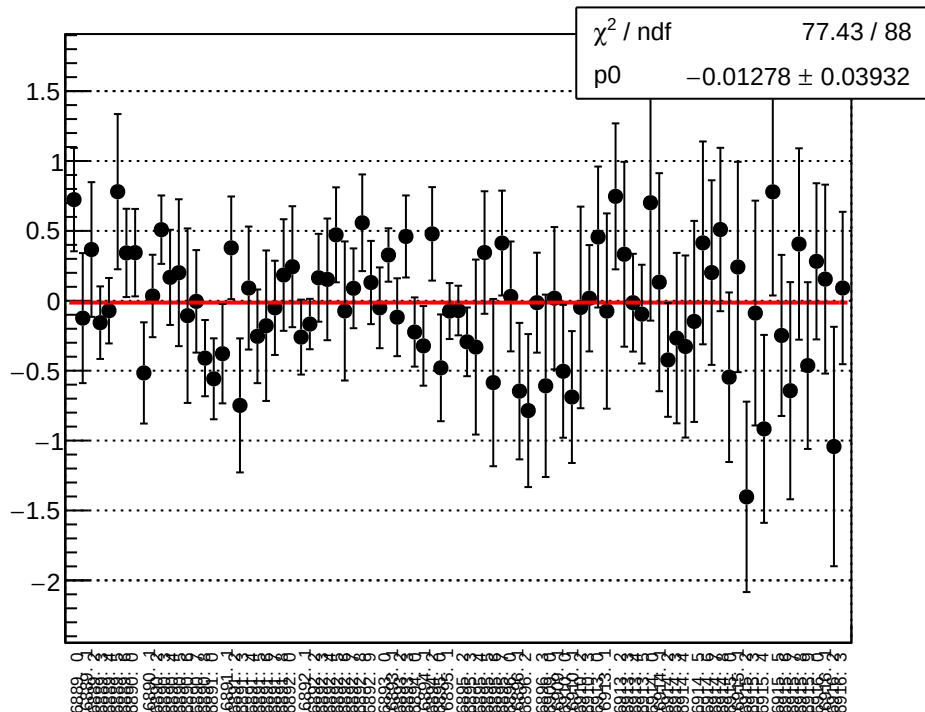
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asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs run

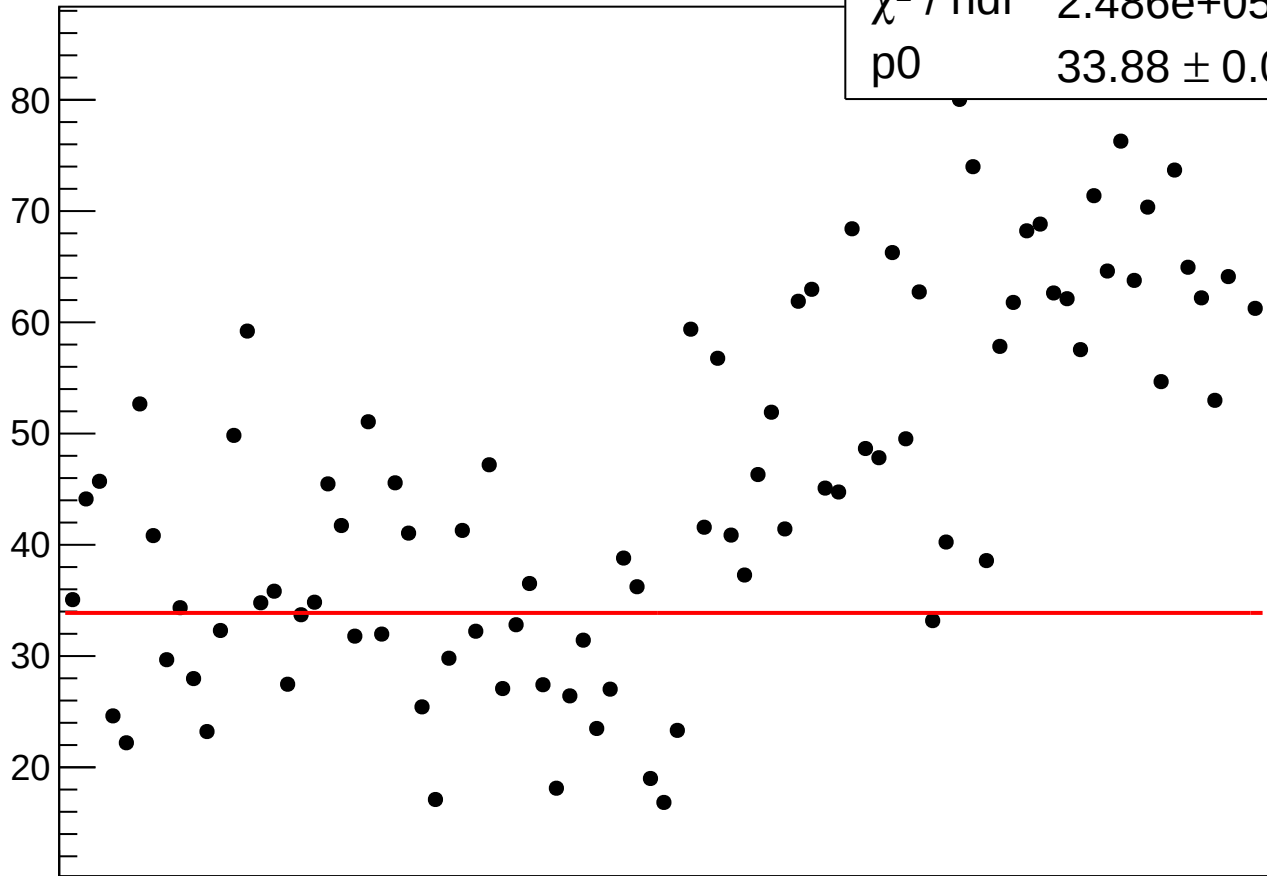


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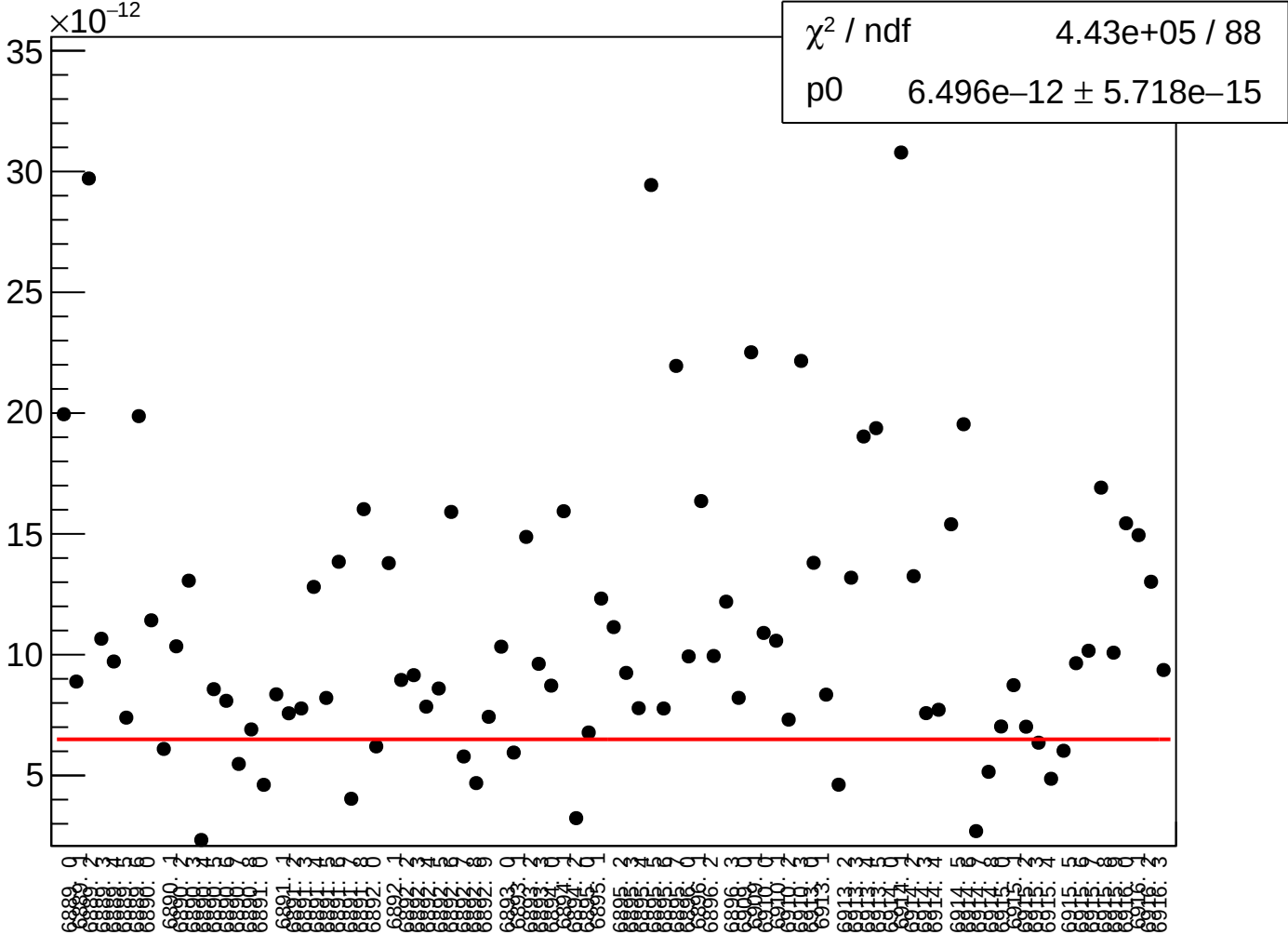
asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs run

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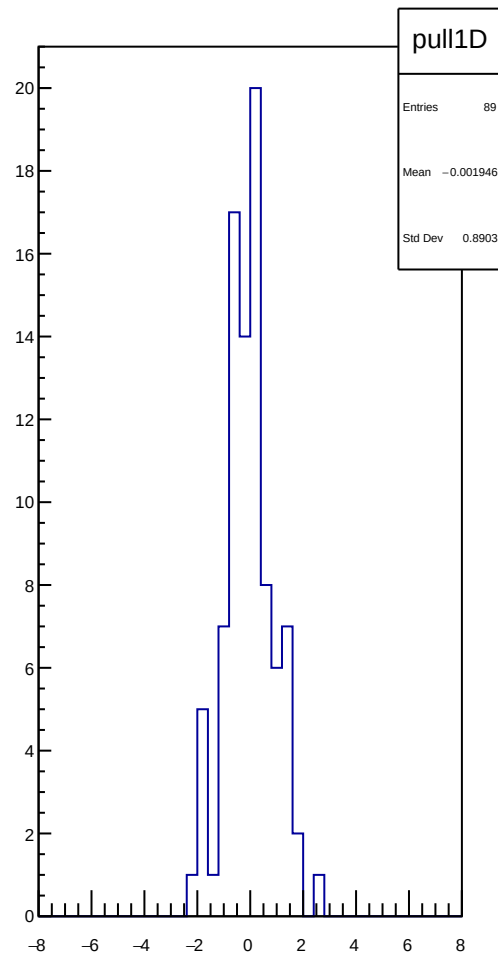
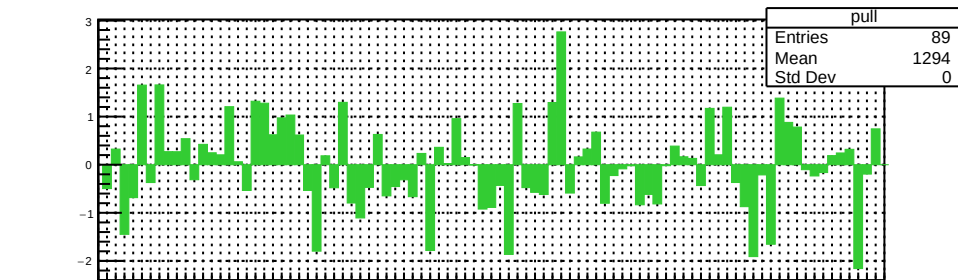
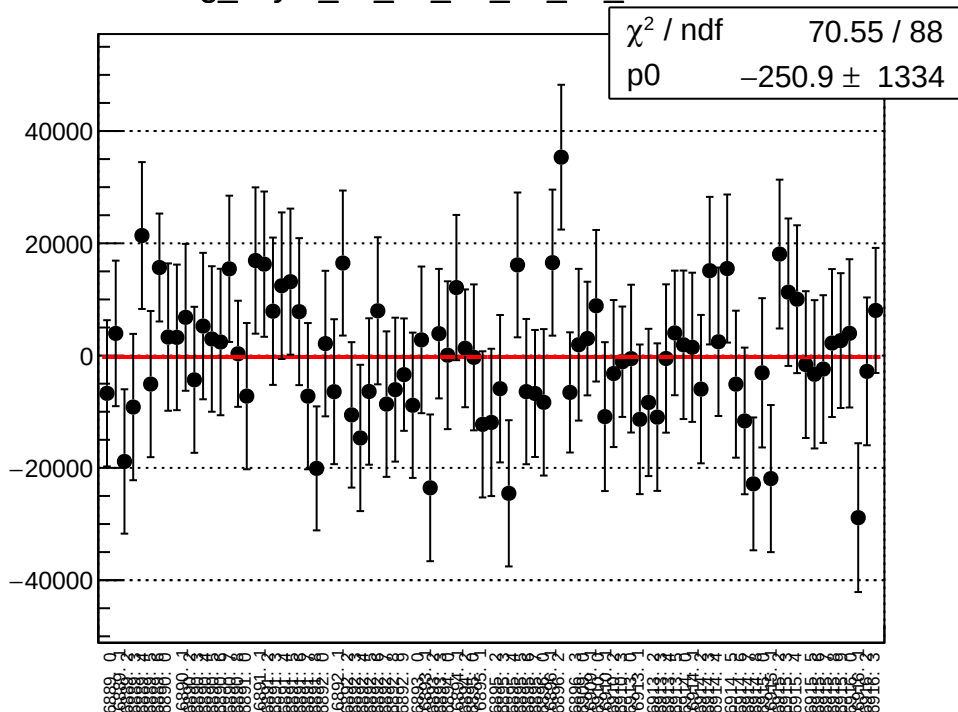


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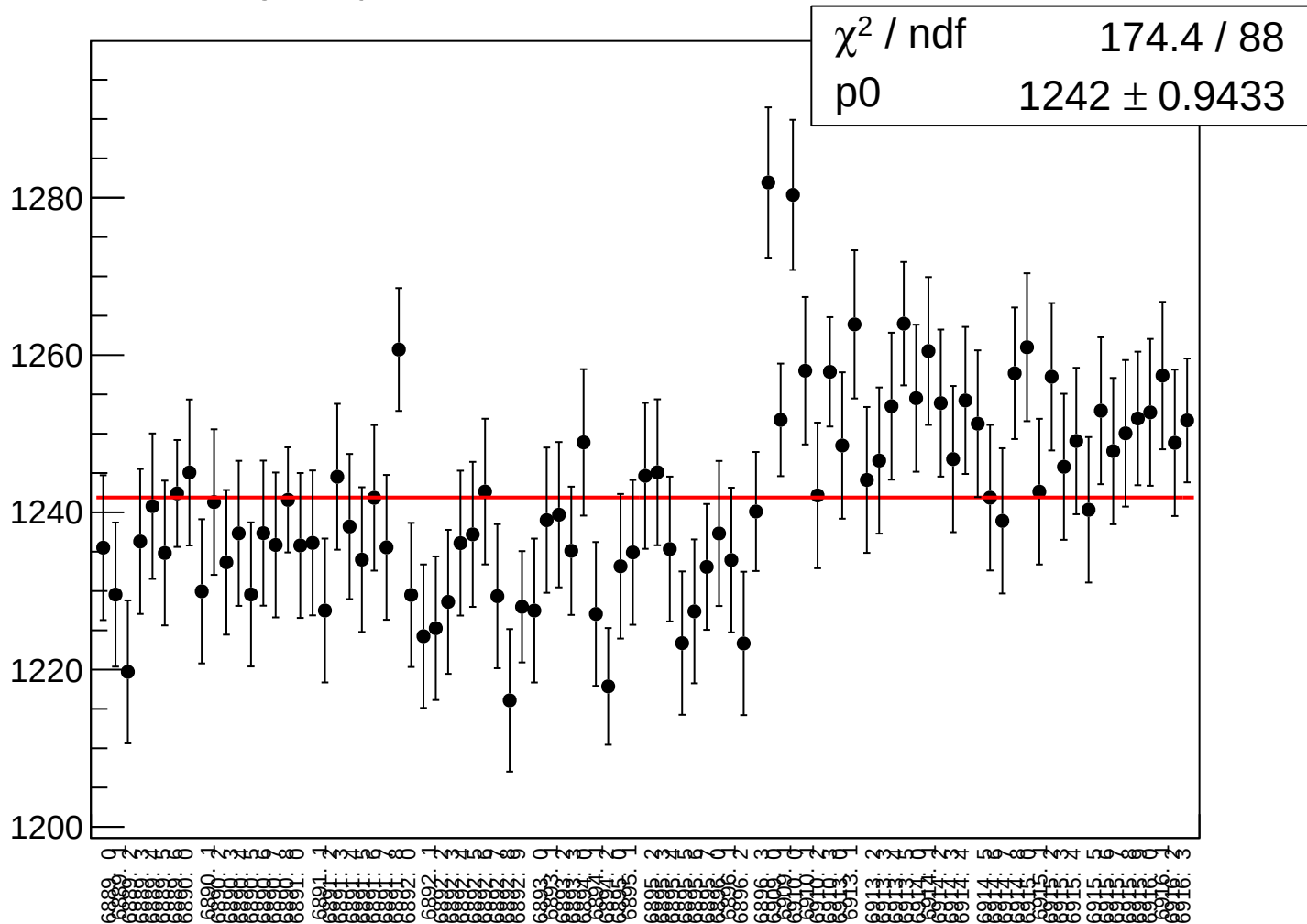
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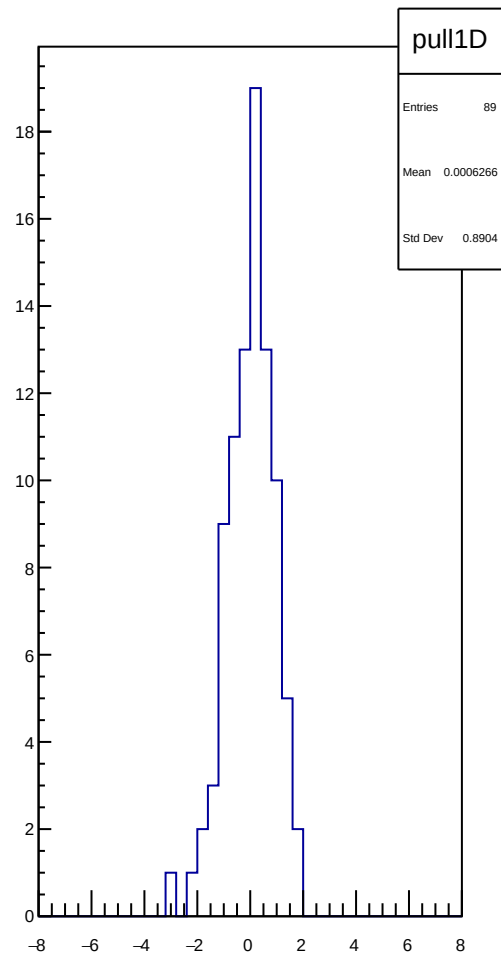
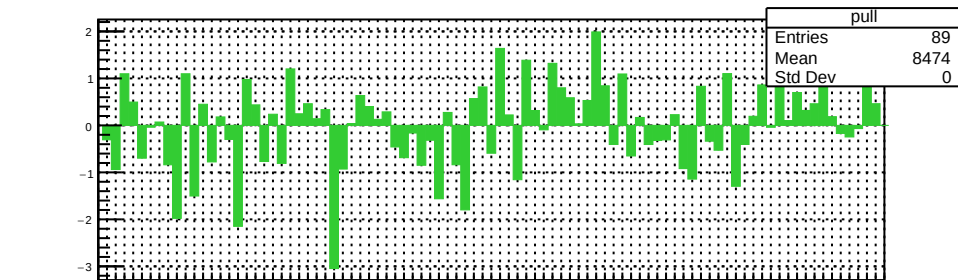
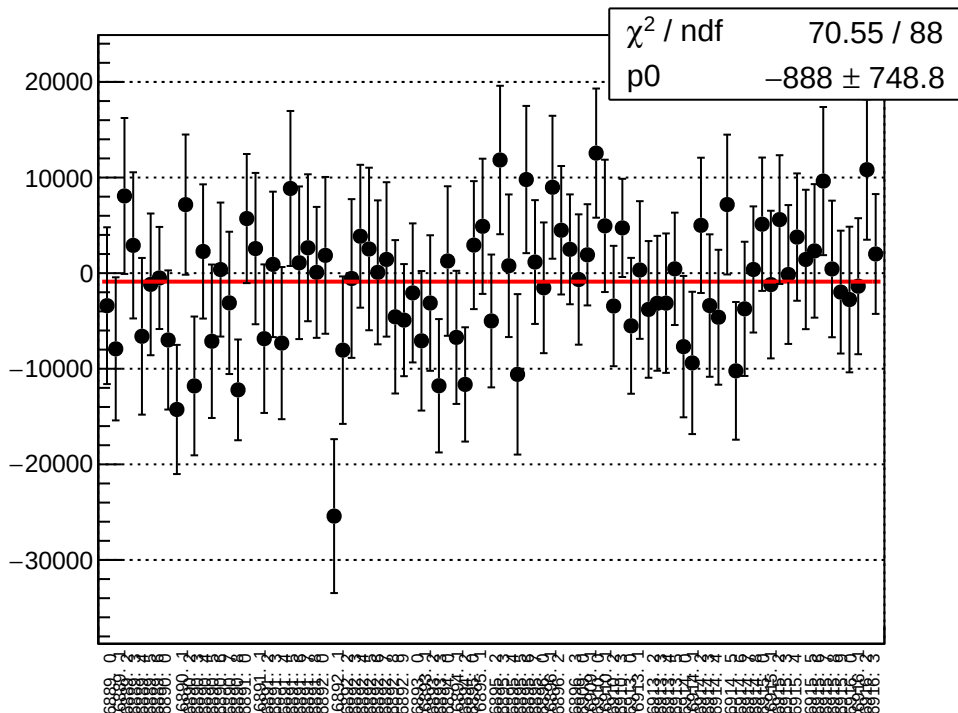
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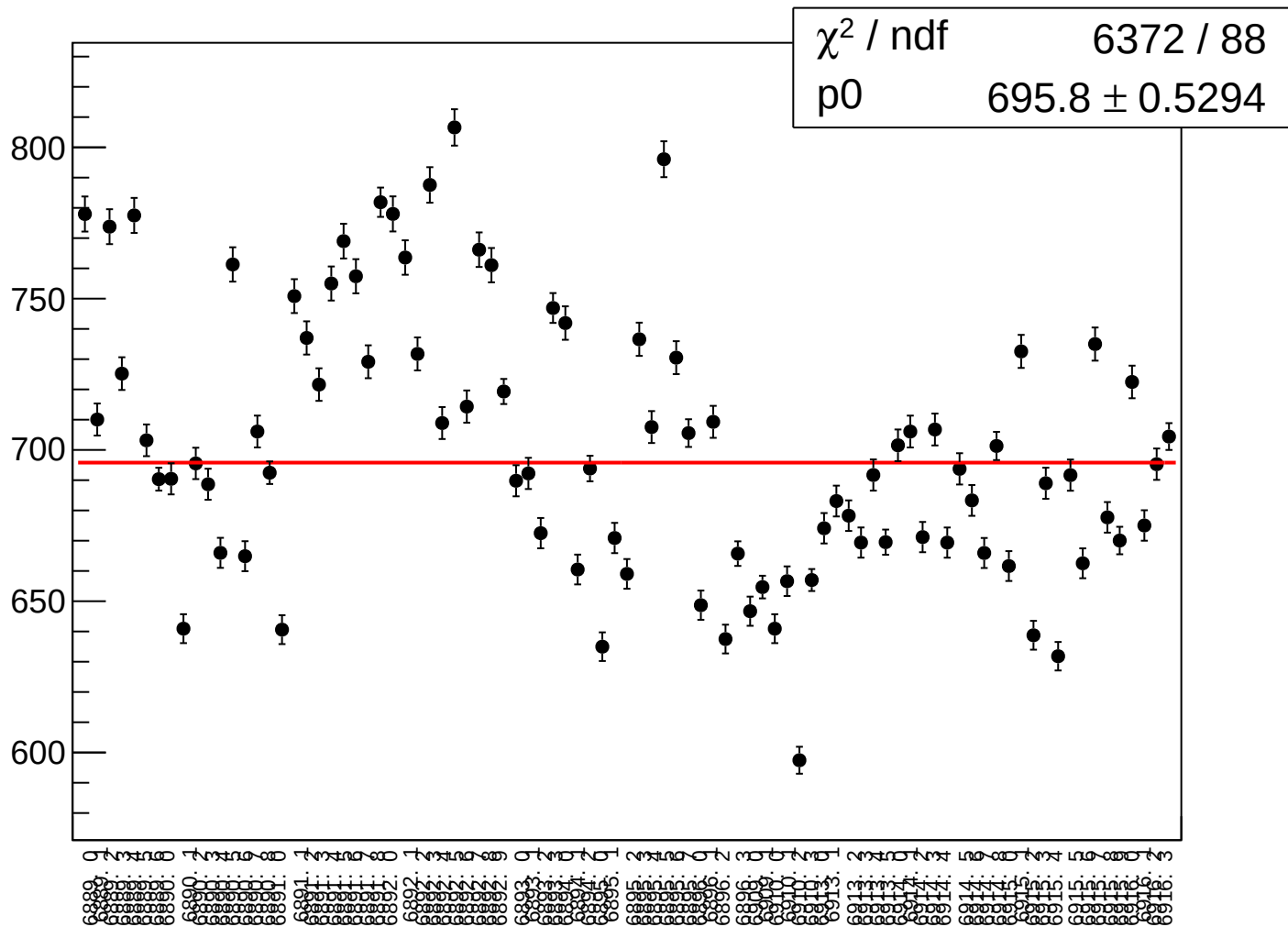
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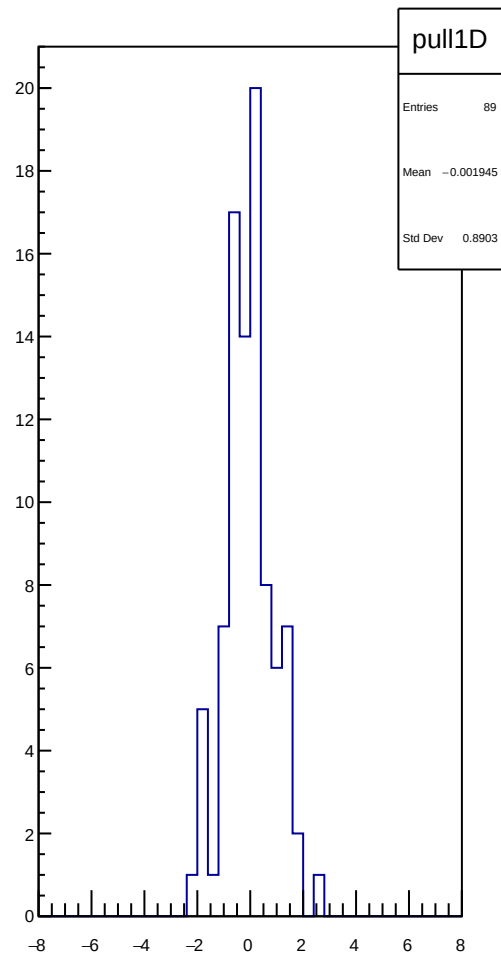
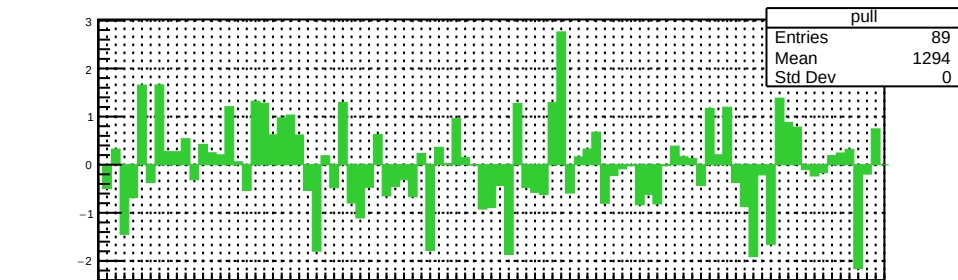
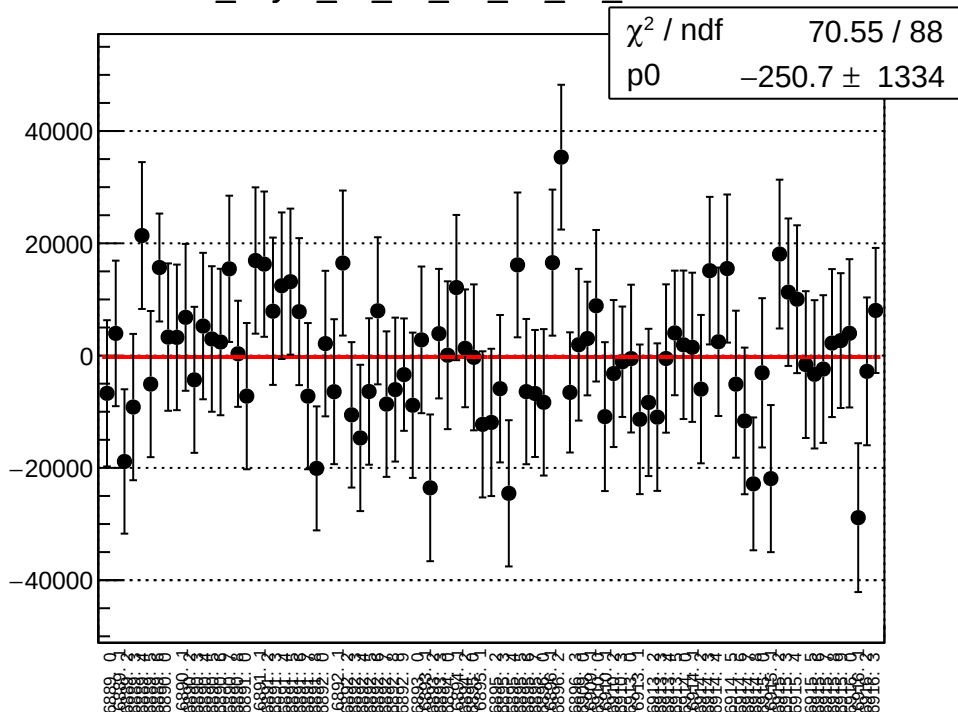
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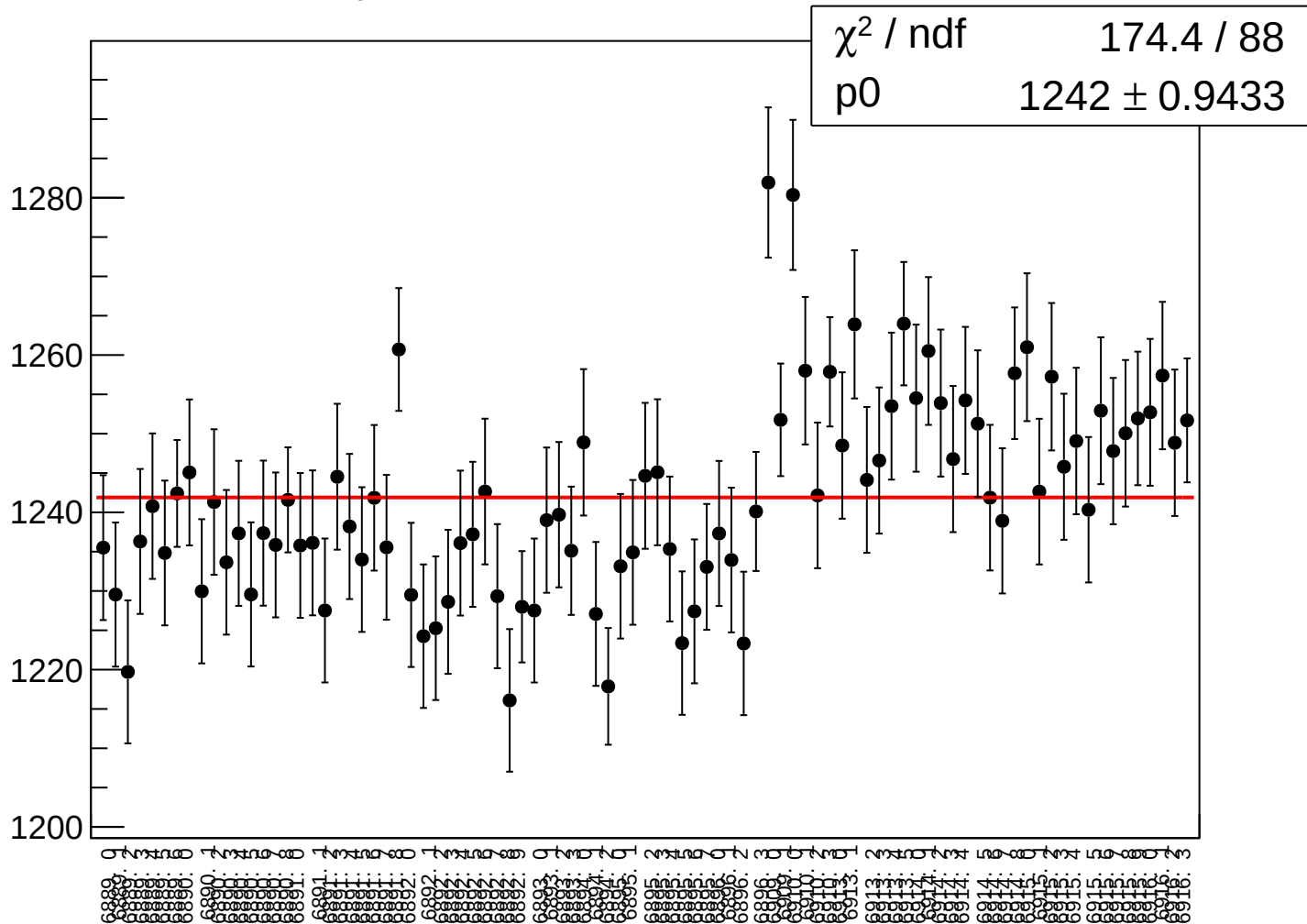
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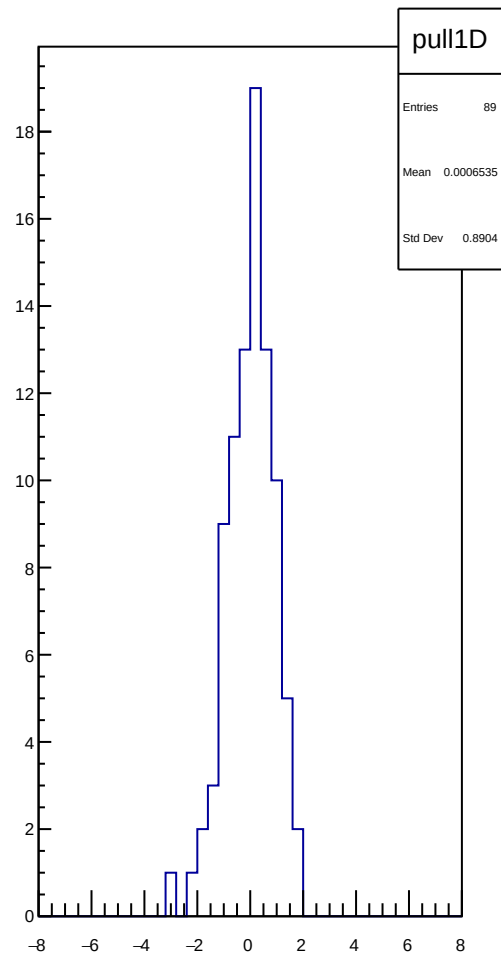
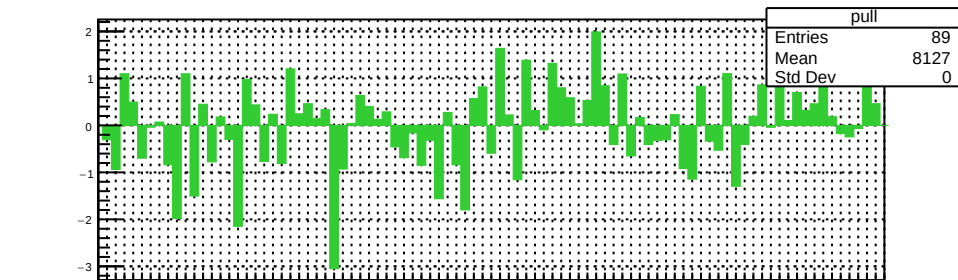
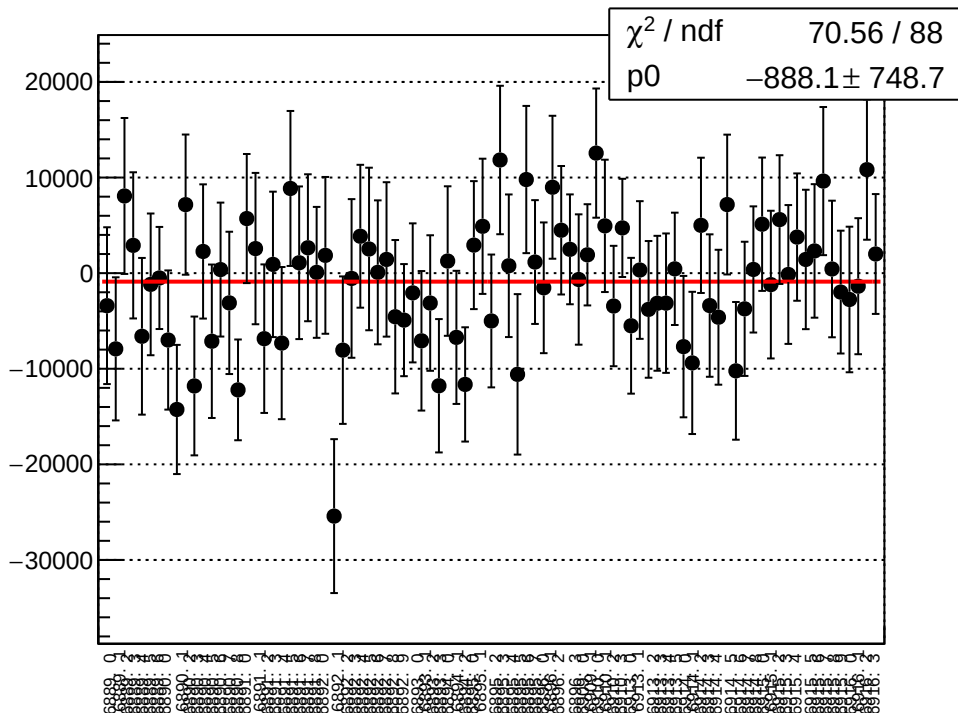
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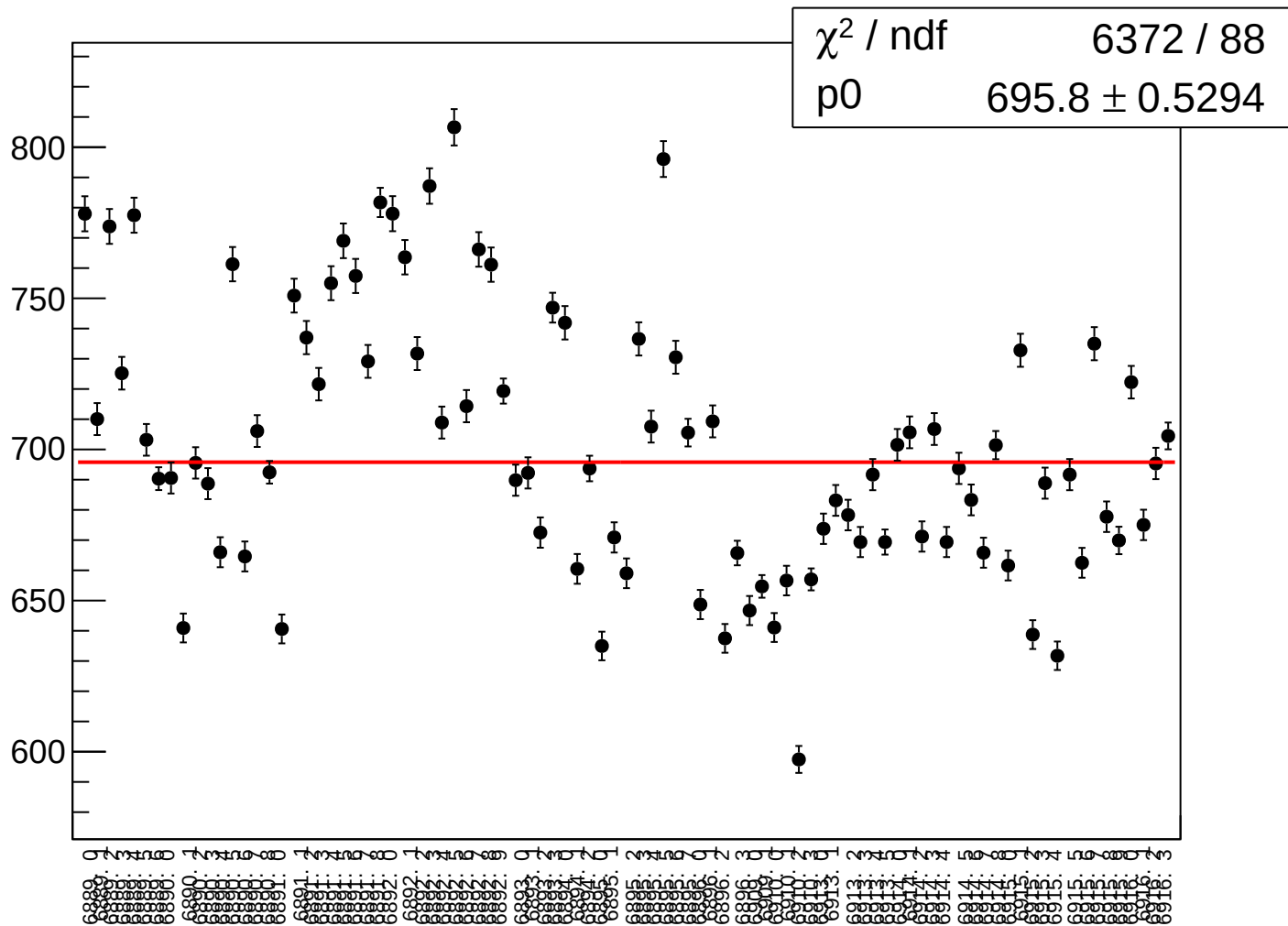
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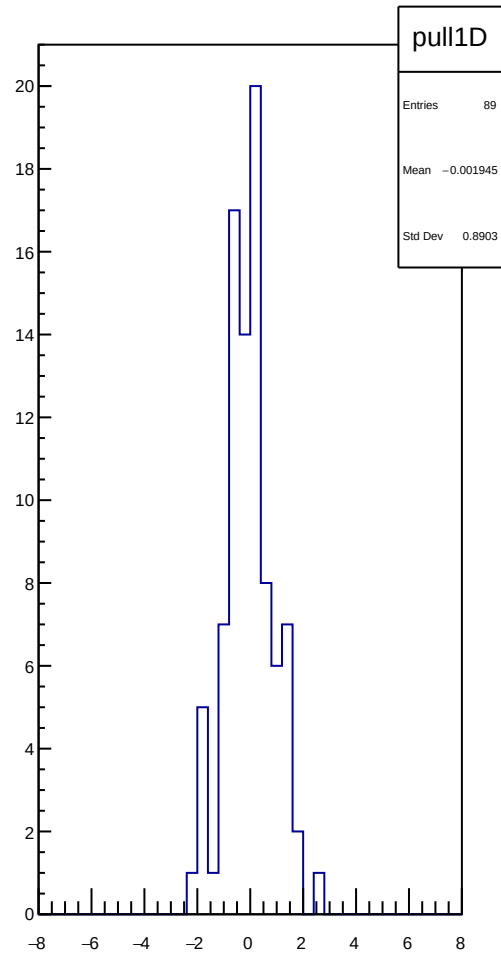
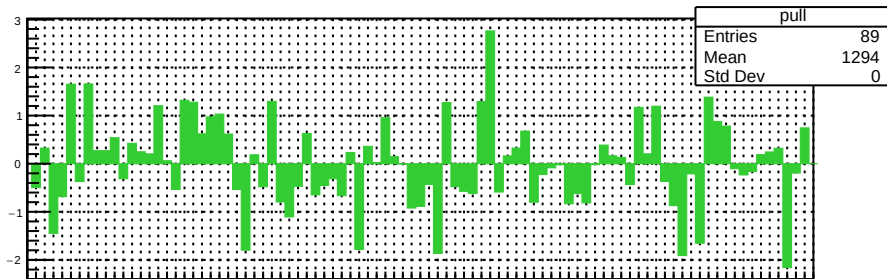
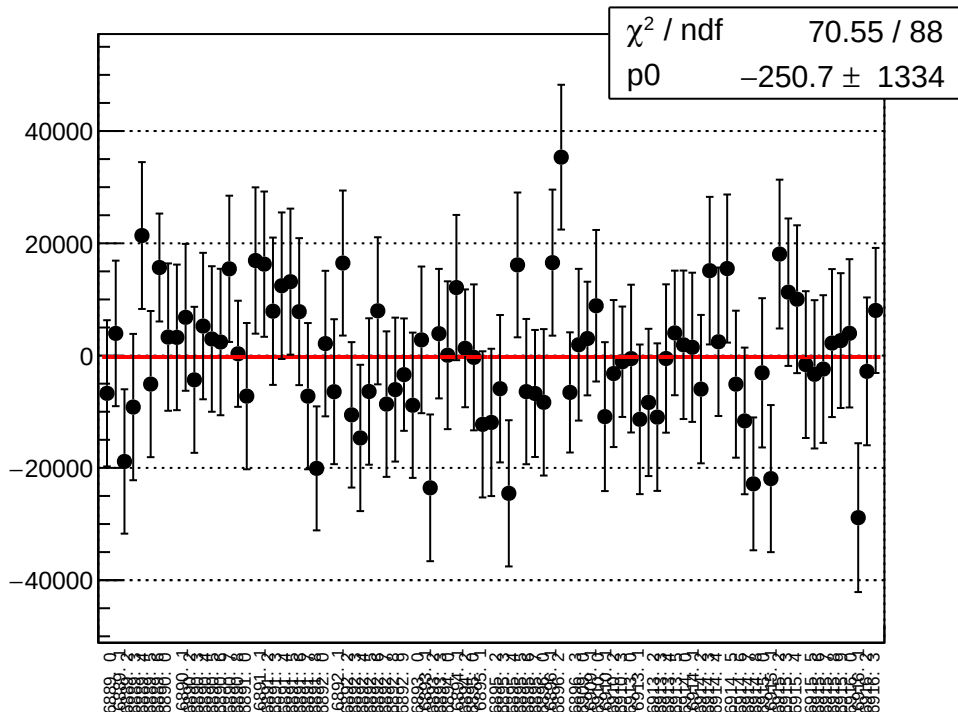
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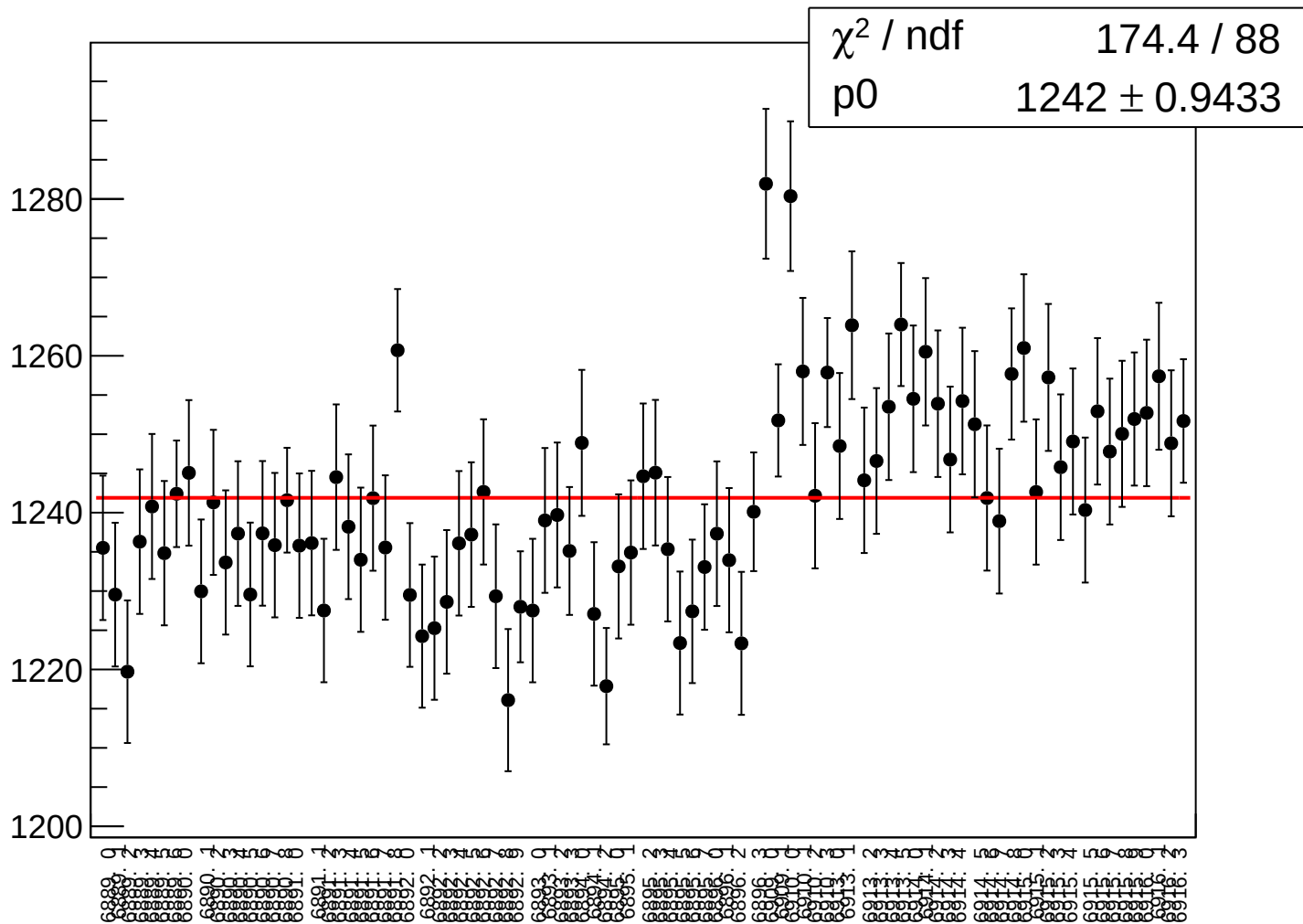
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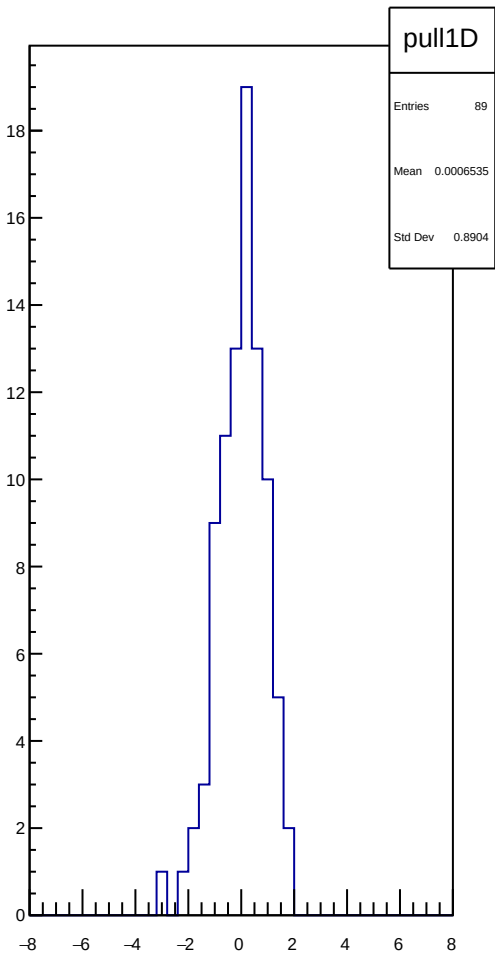
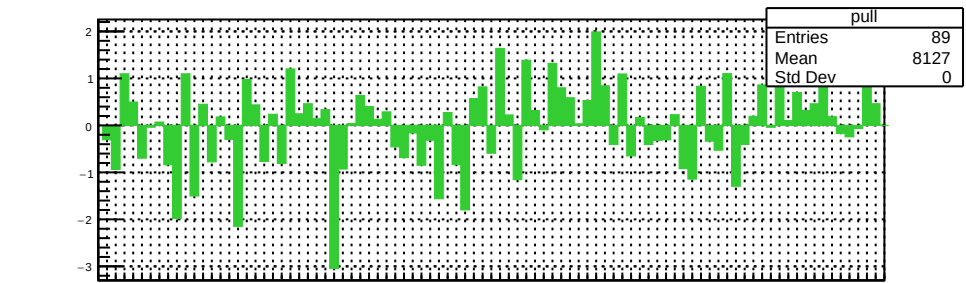
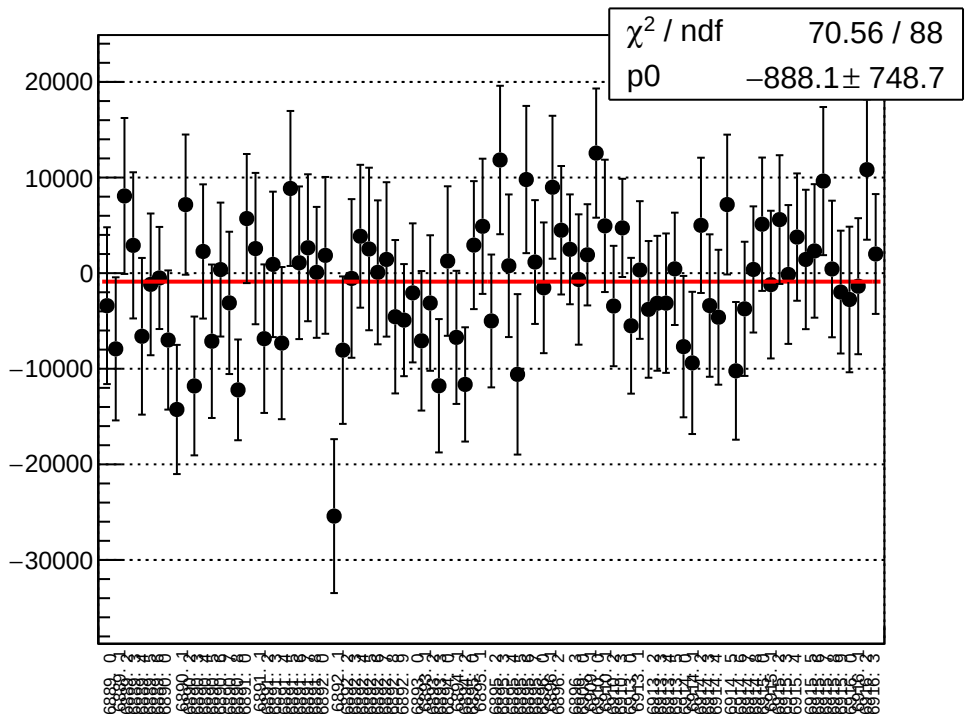
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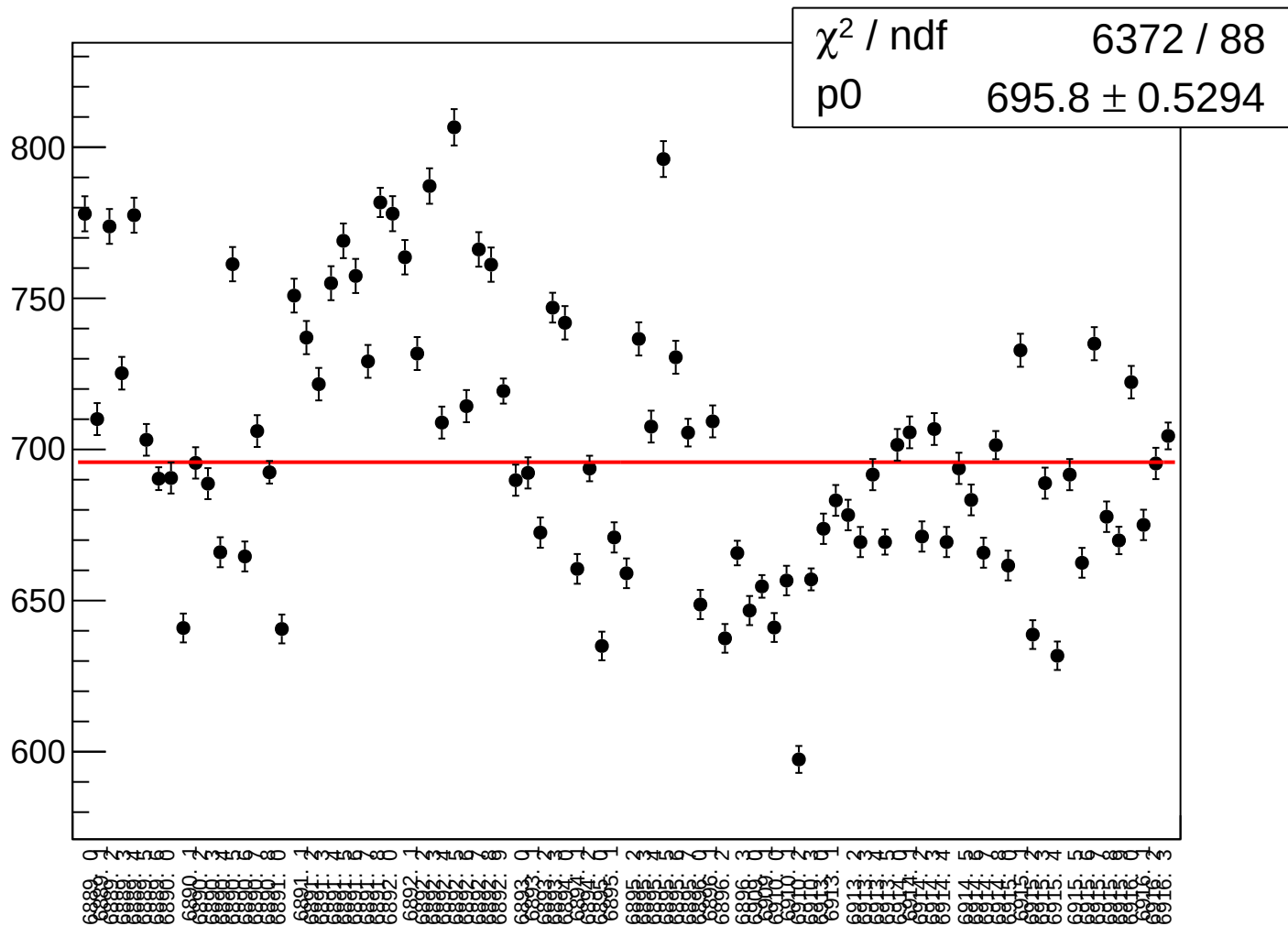
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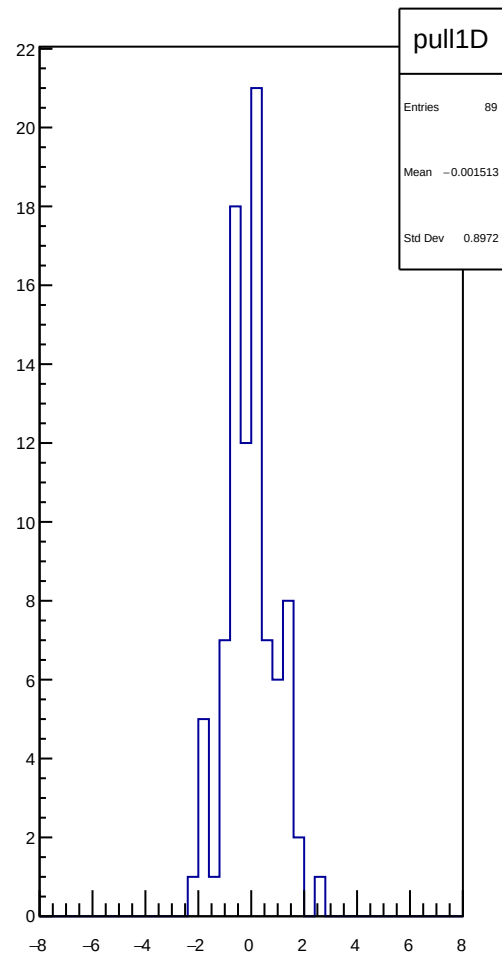
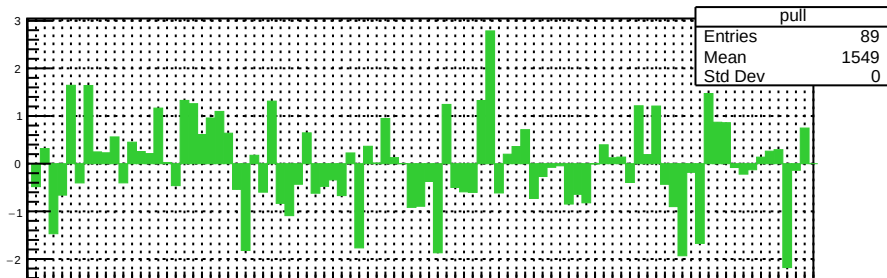
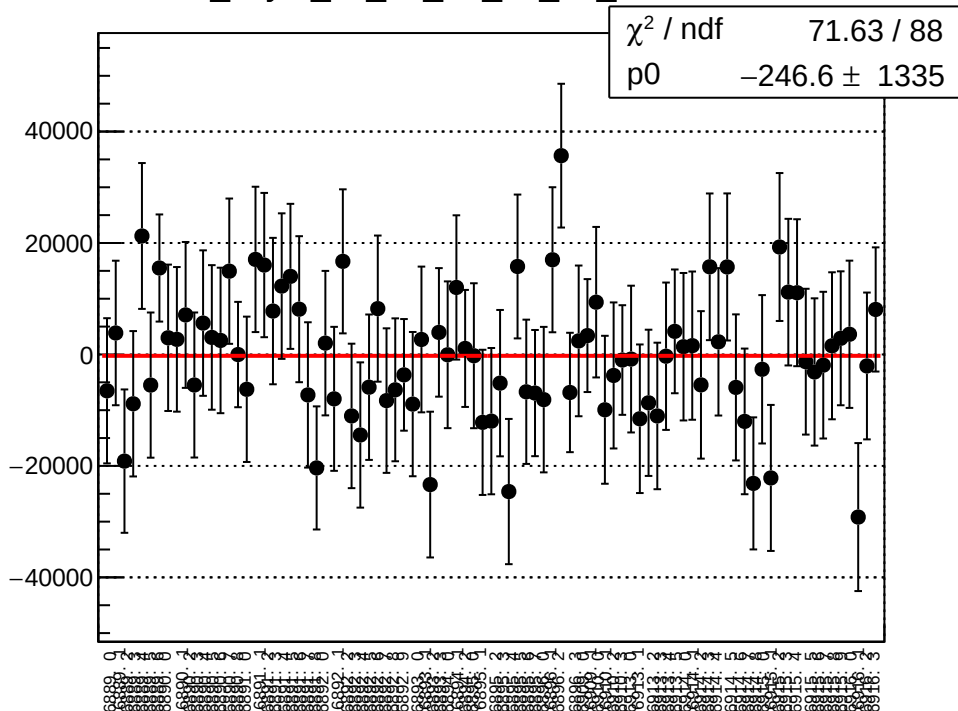
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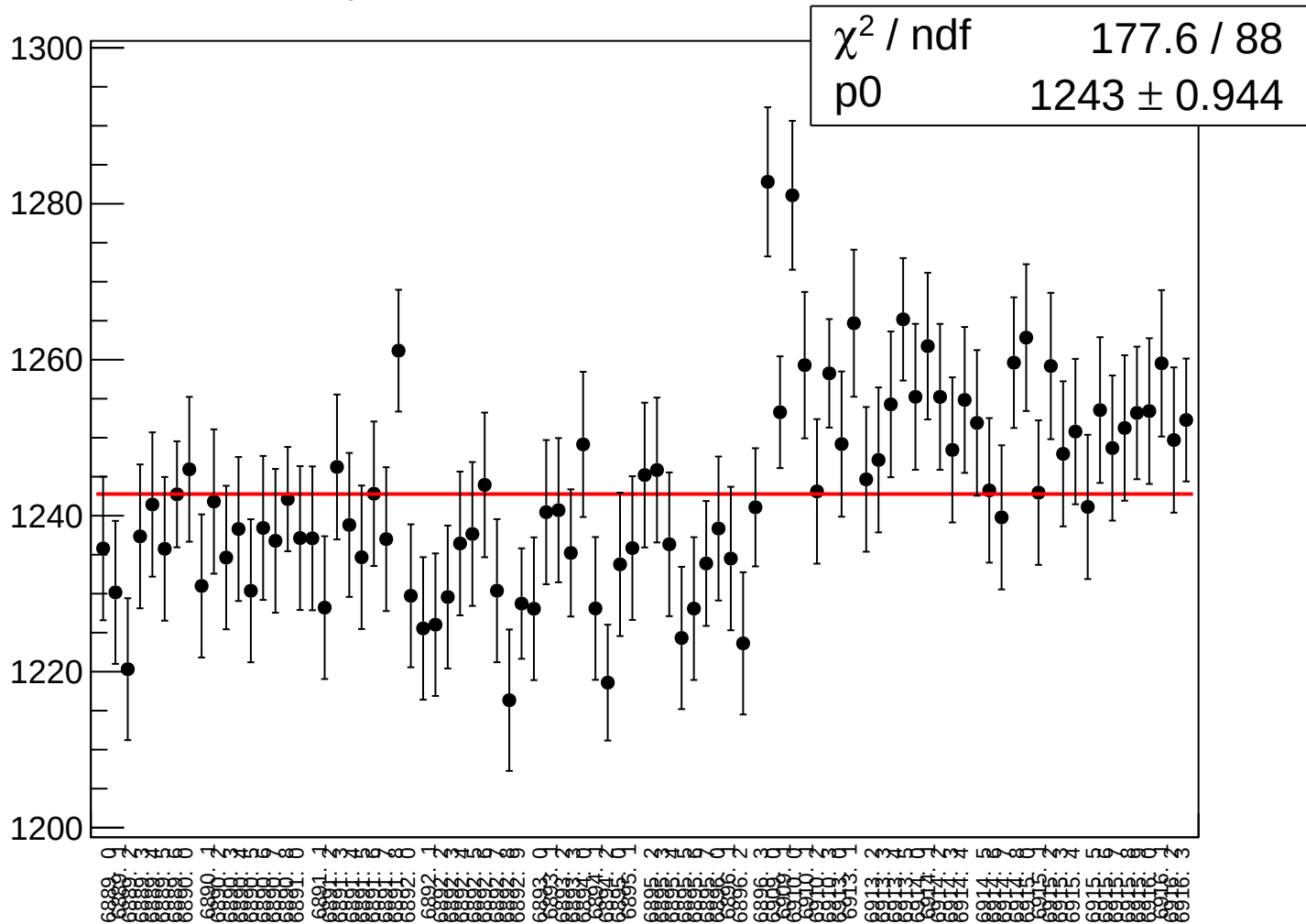
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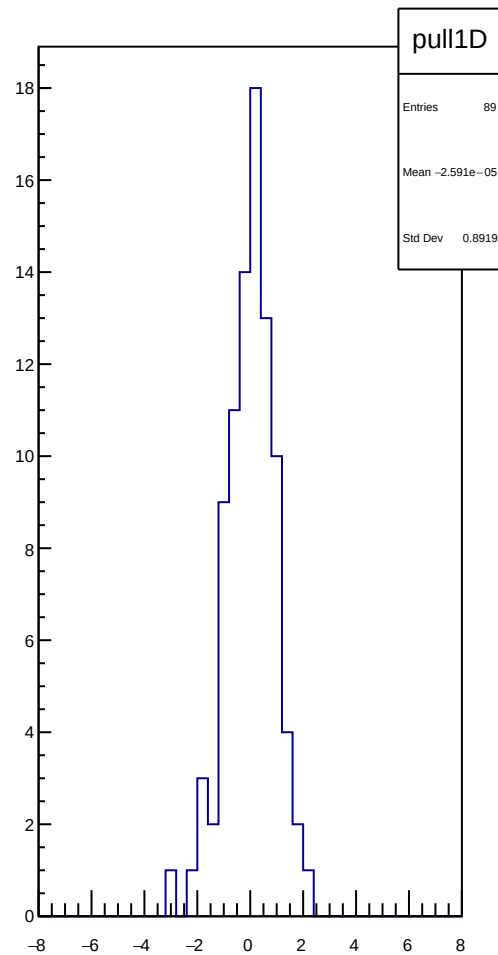
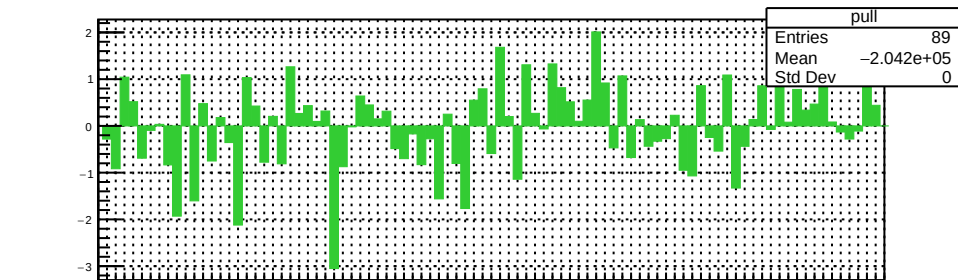
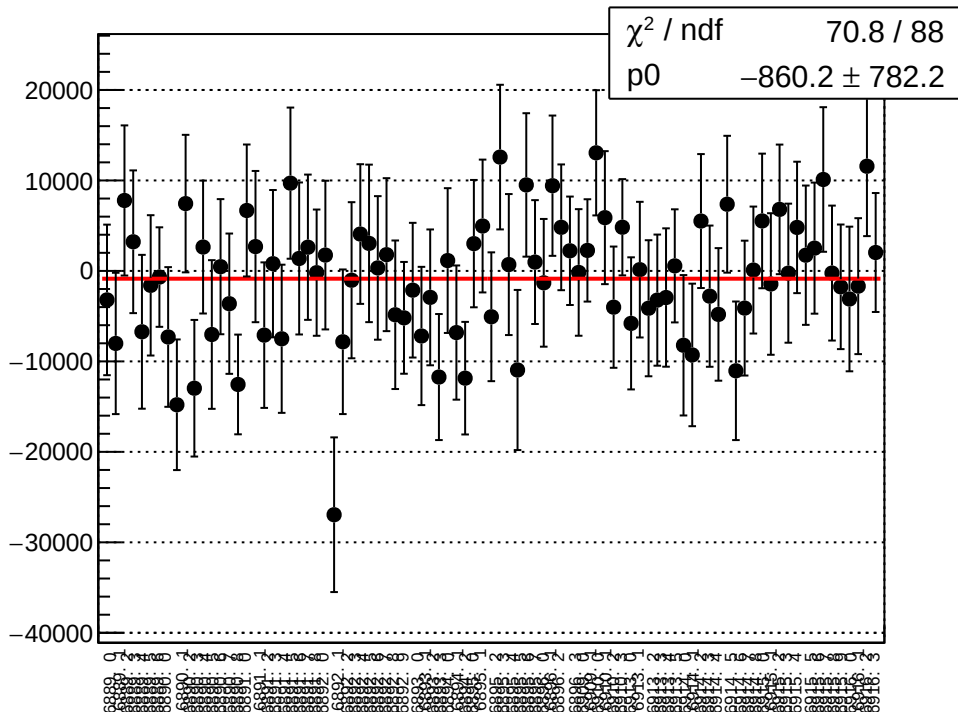
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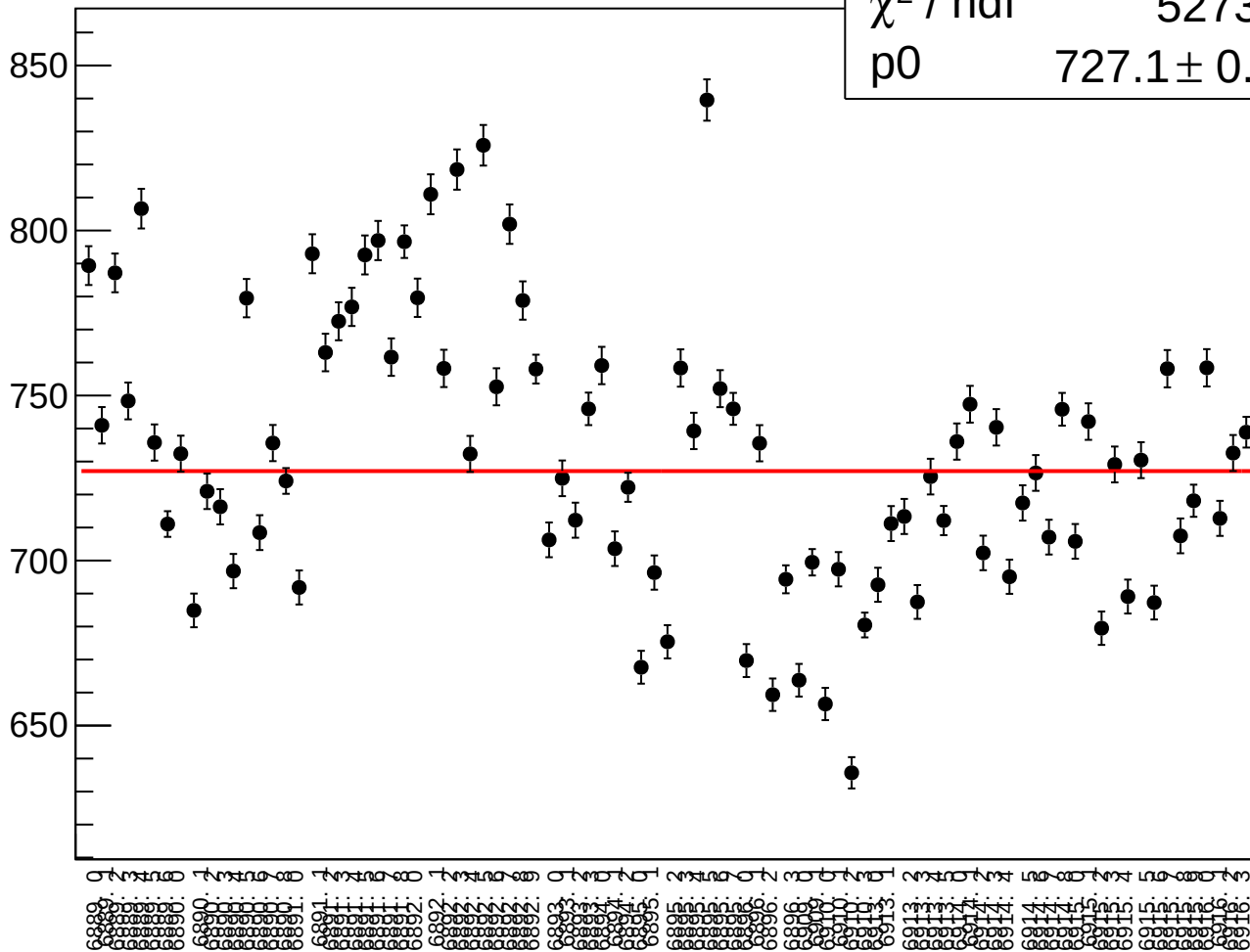


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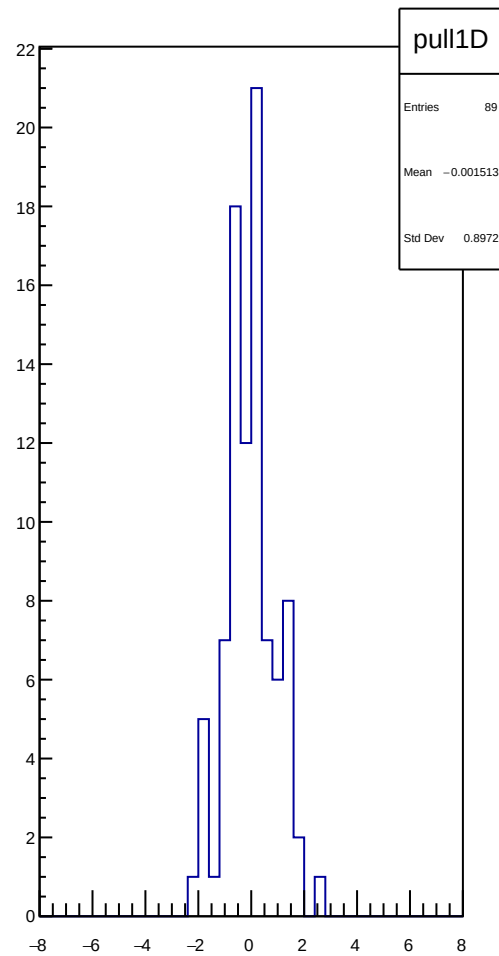
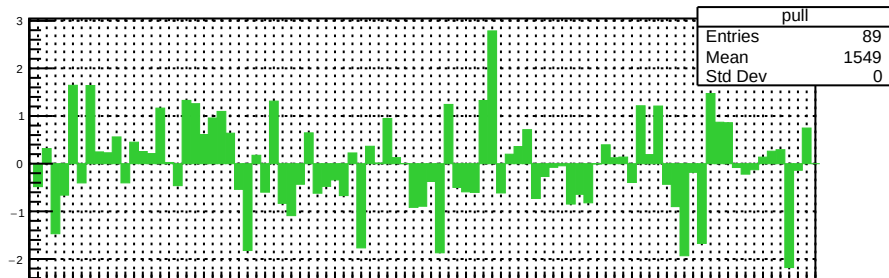
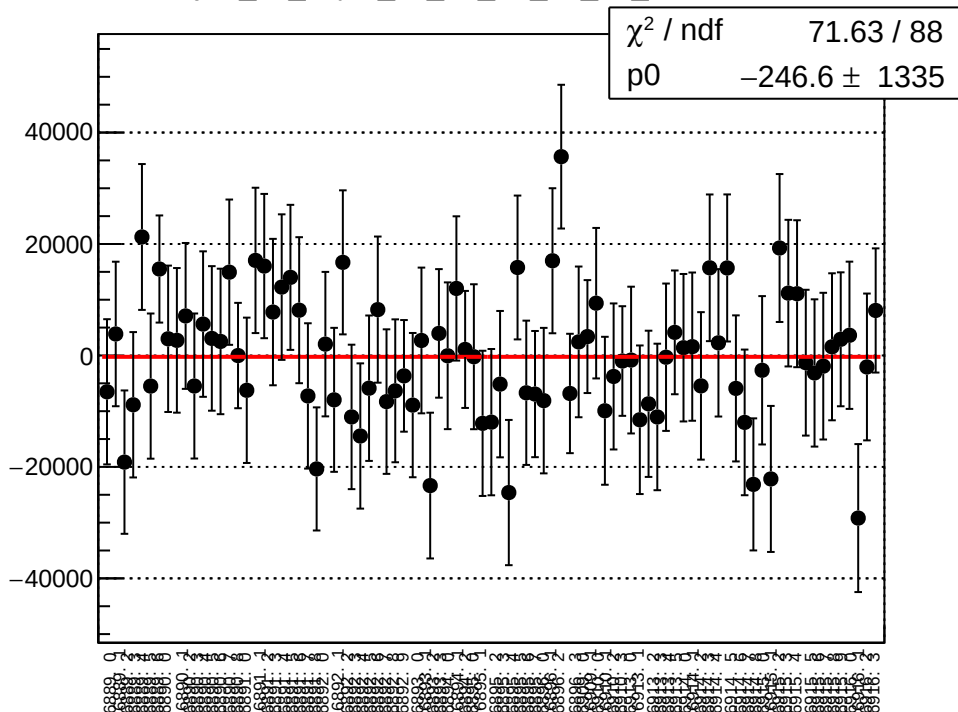


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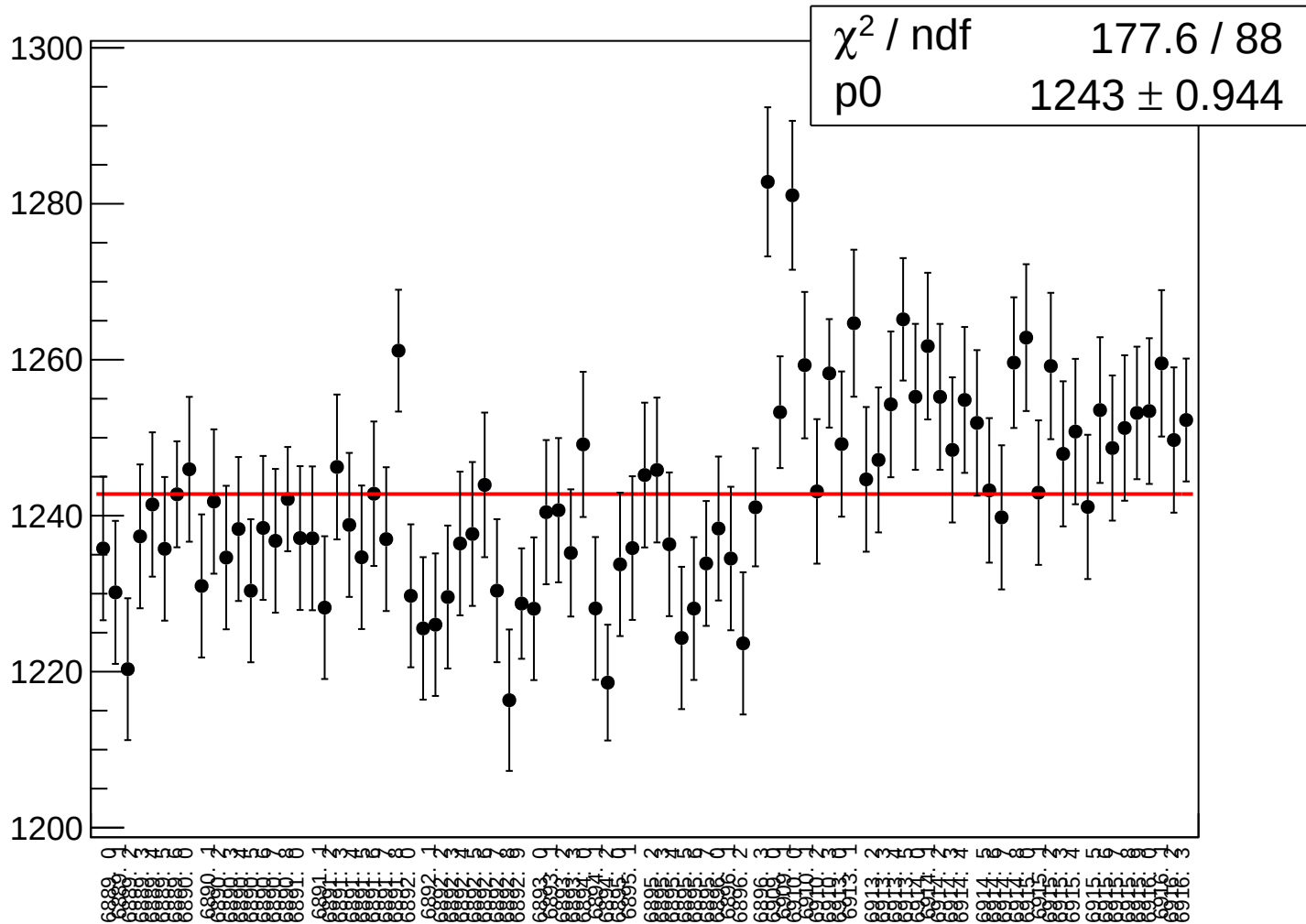
p0

$$727.1 \pm 0.5531$$


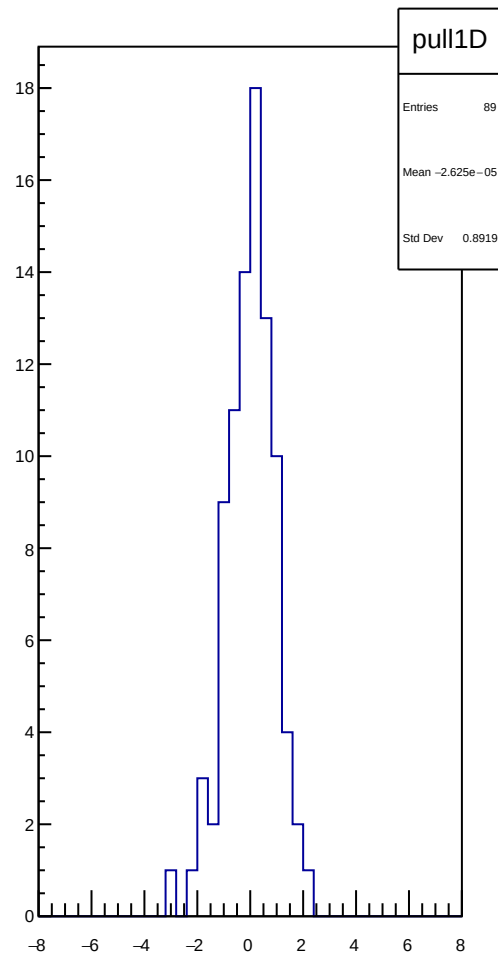
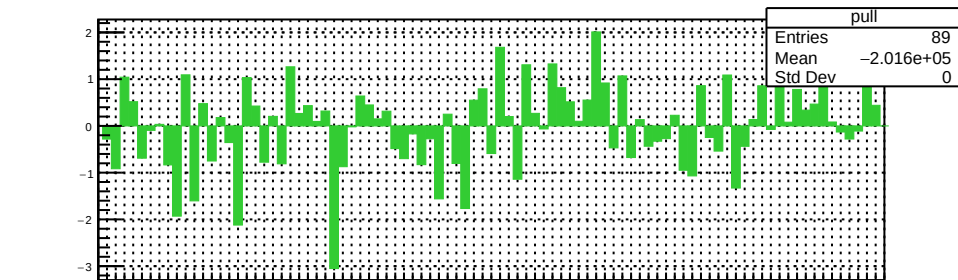
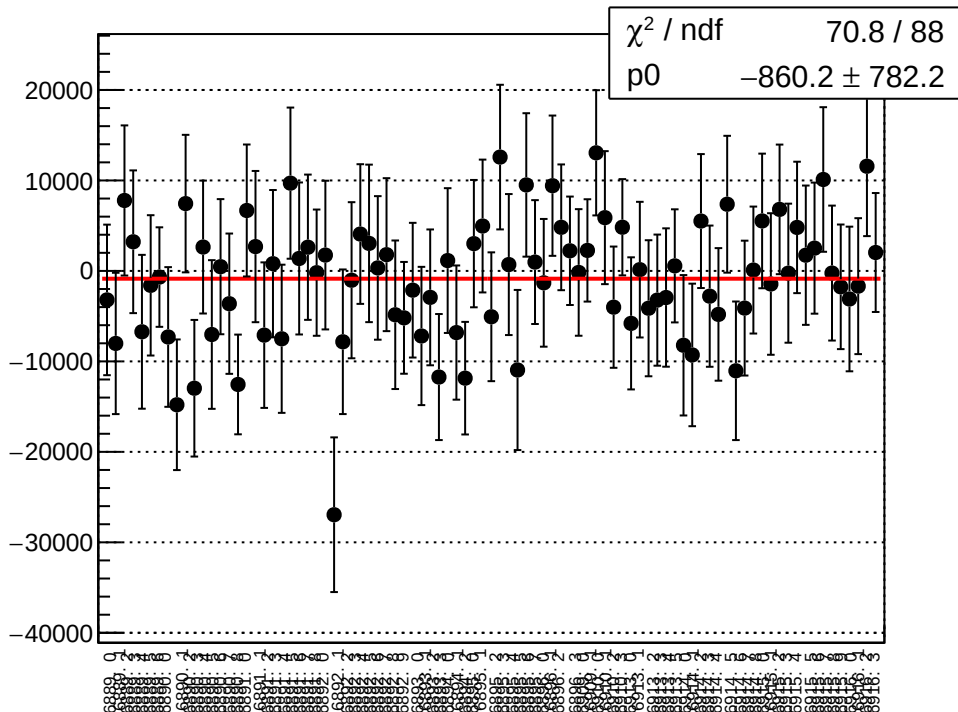
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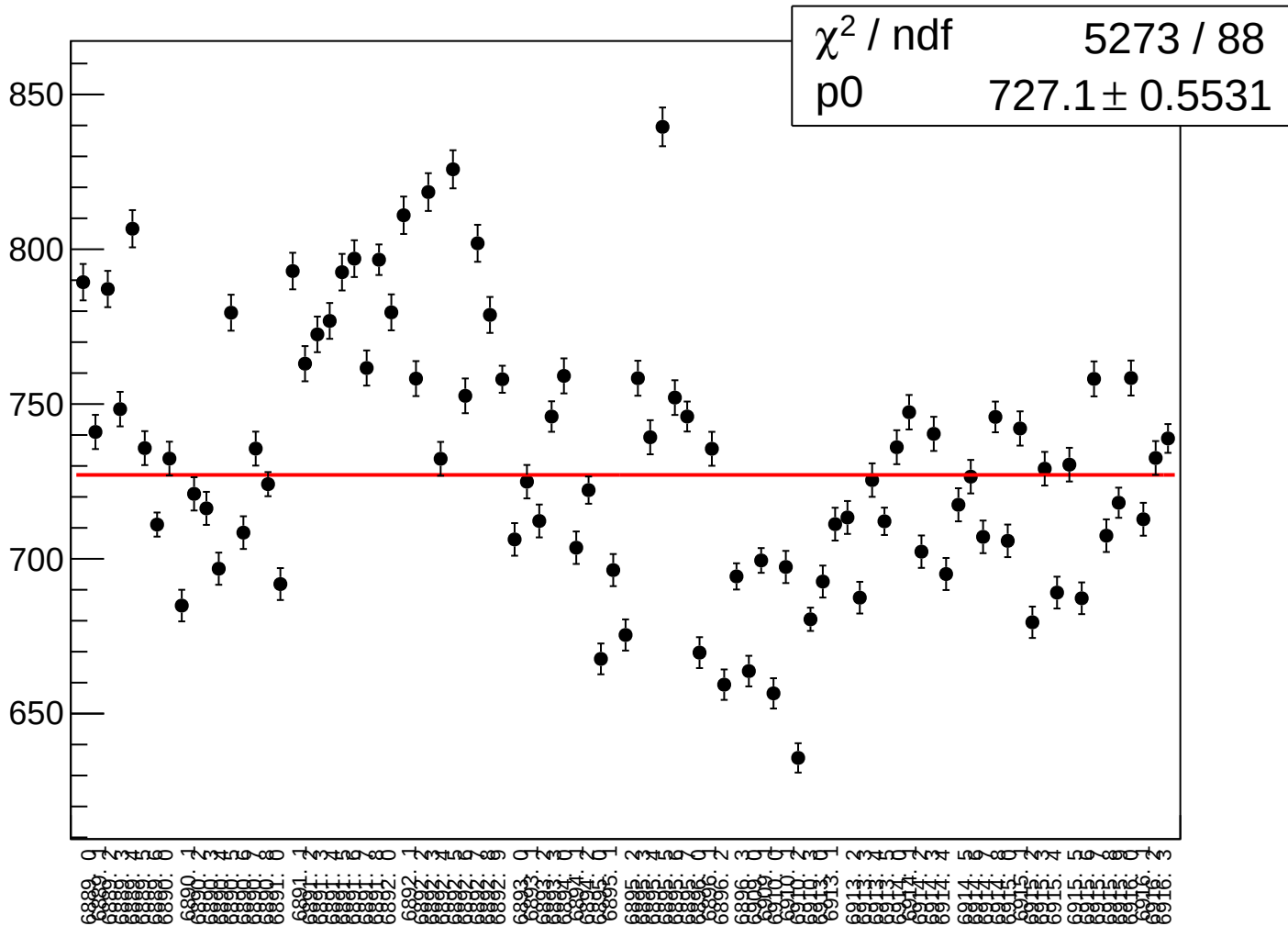
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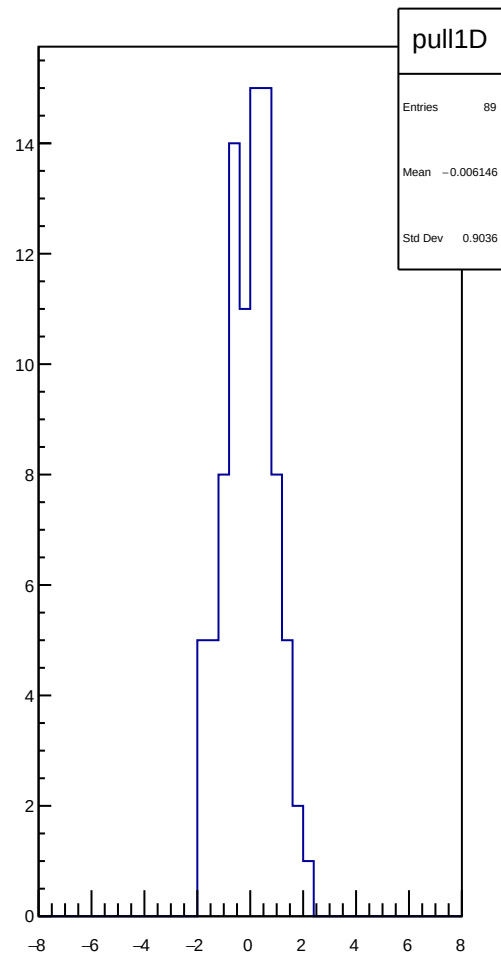
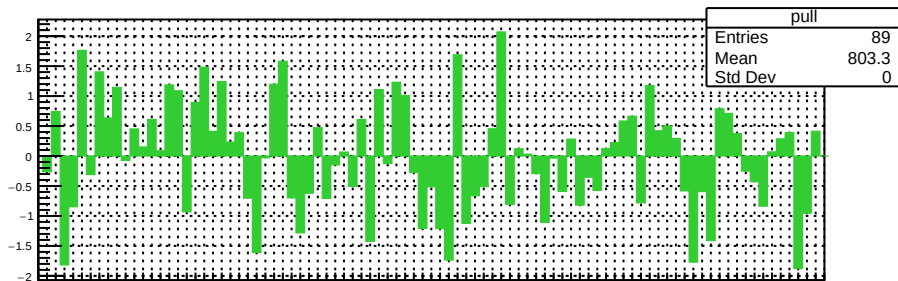
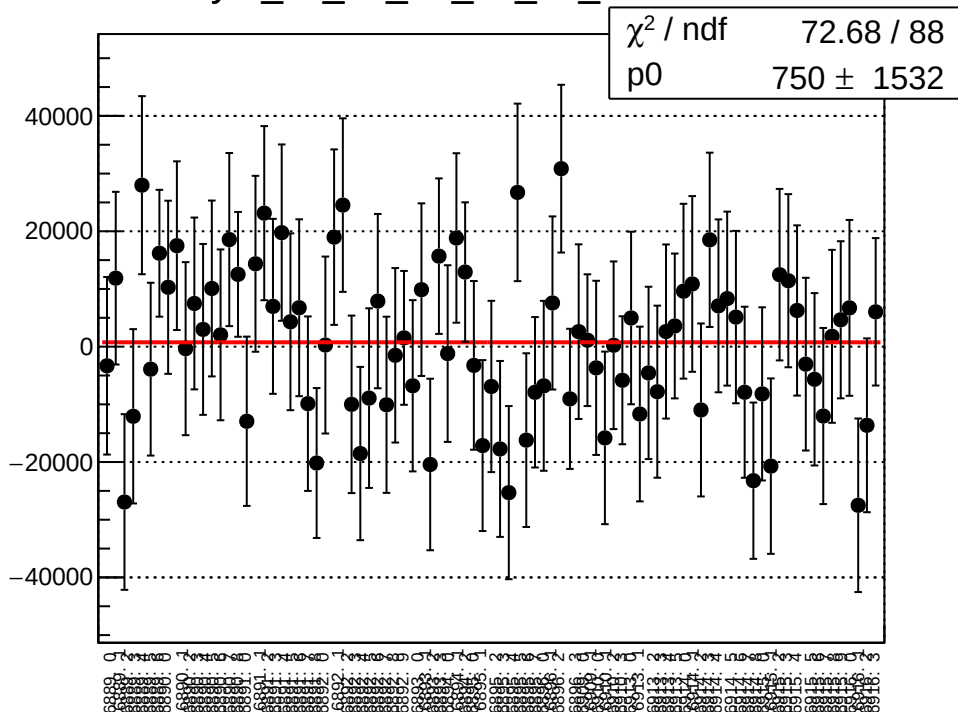
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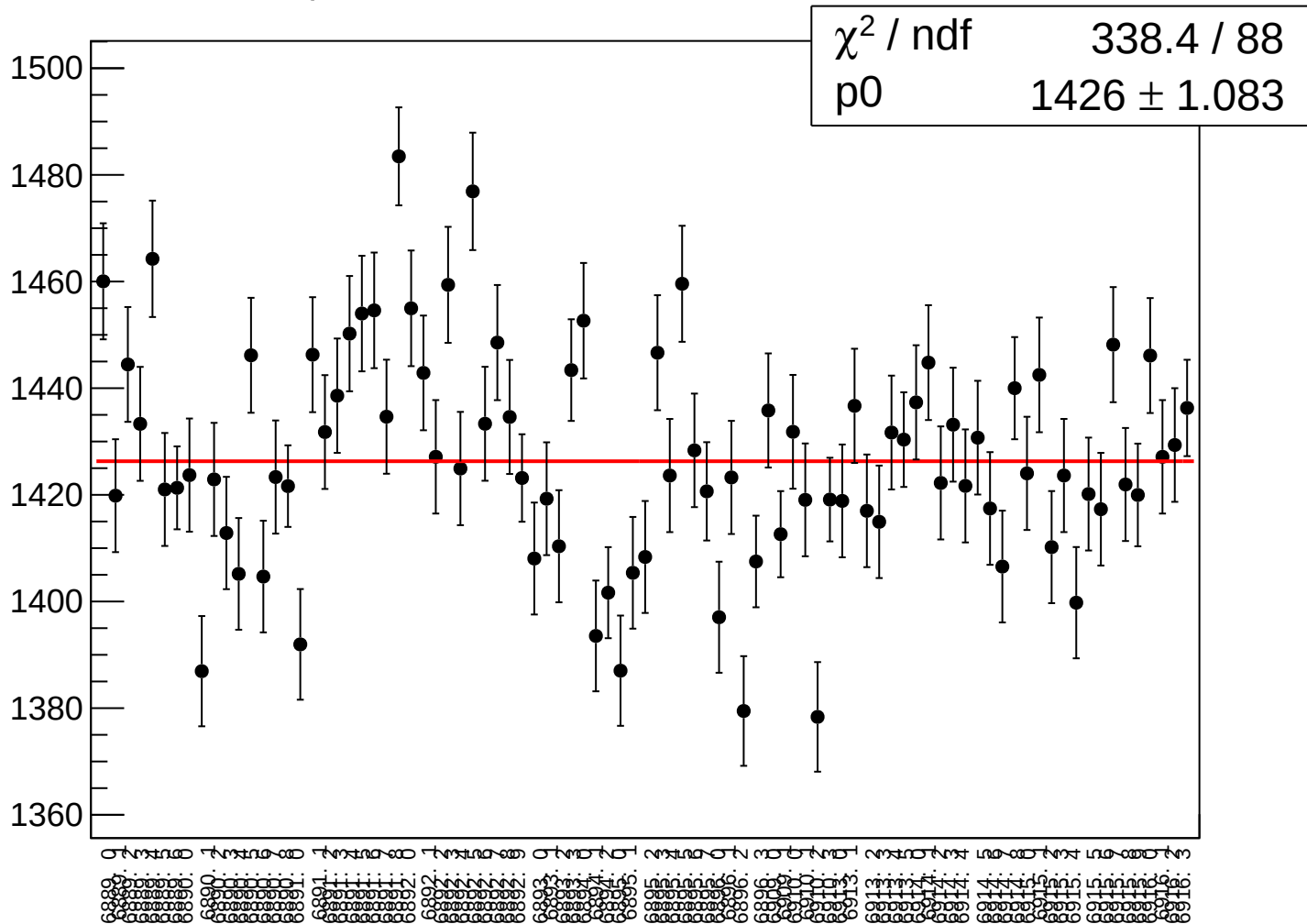
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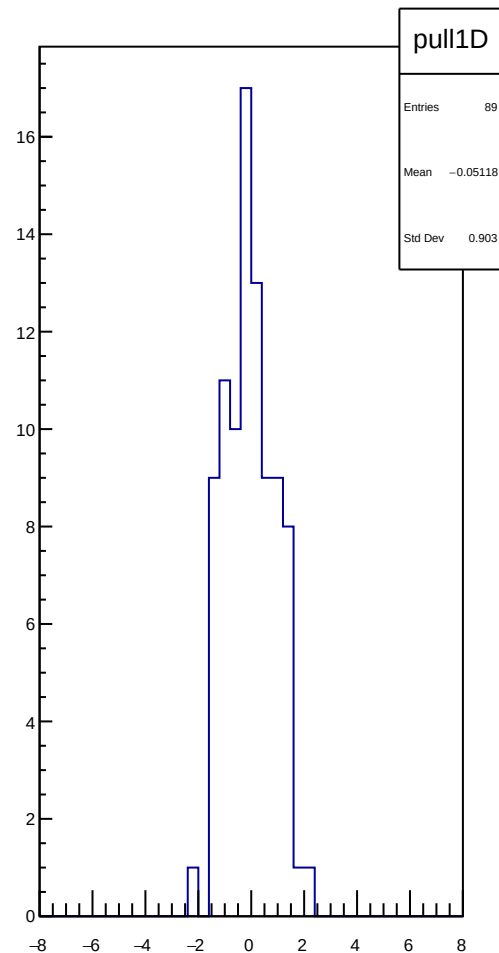
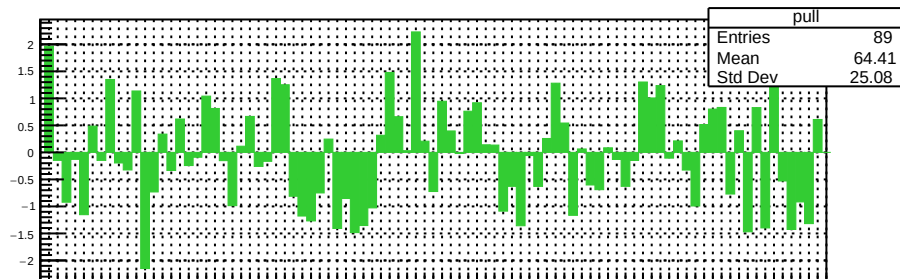
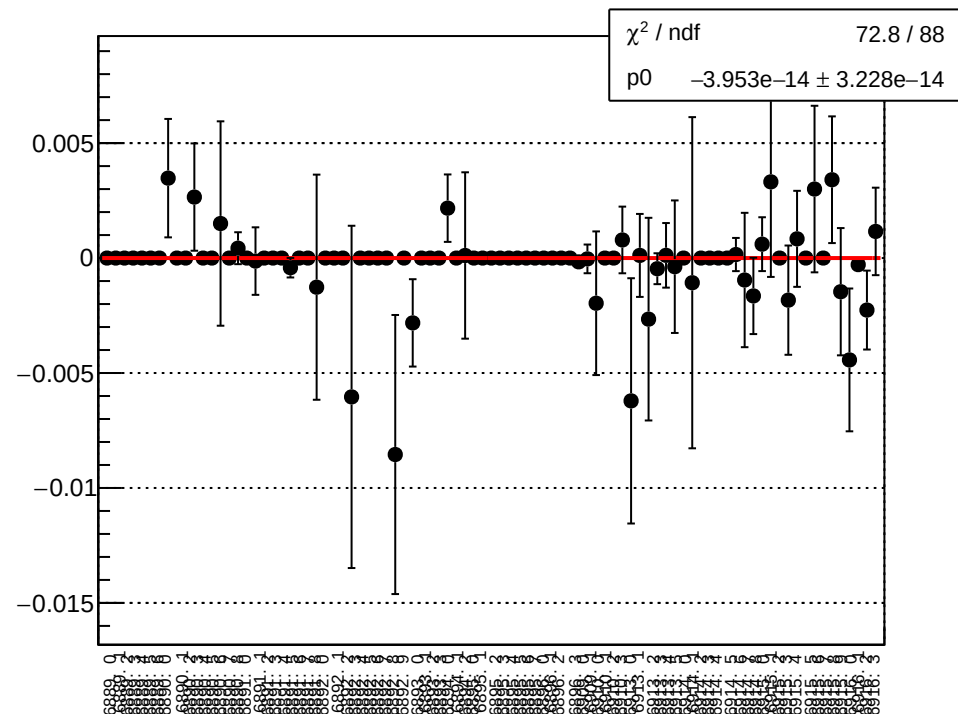
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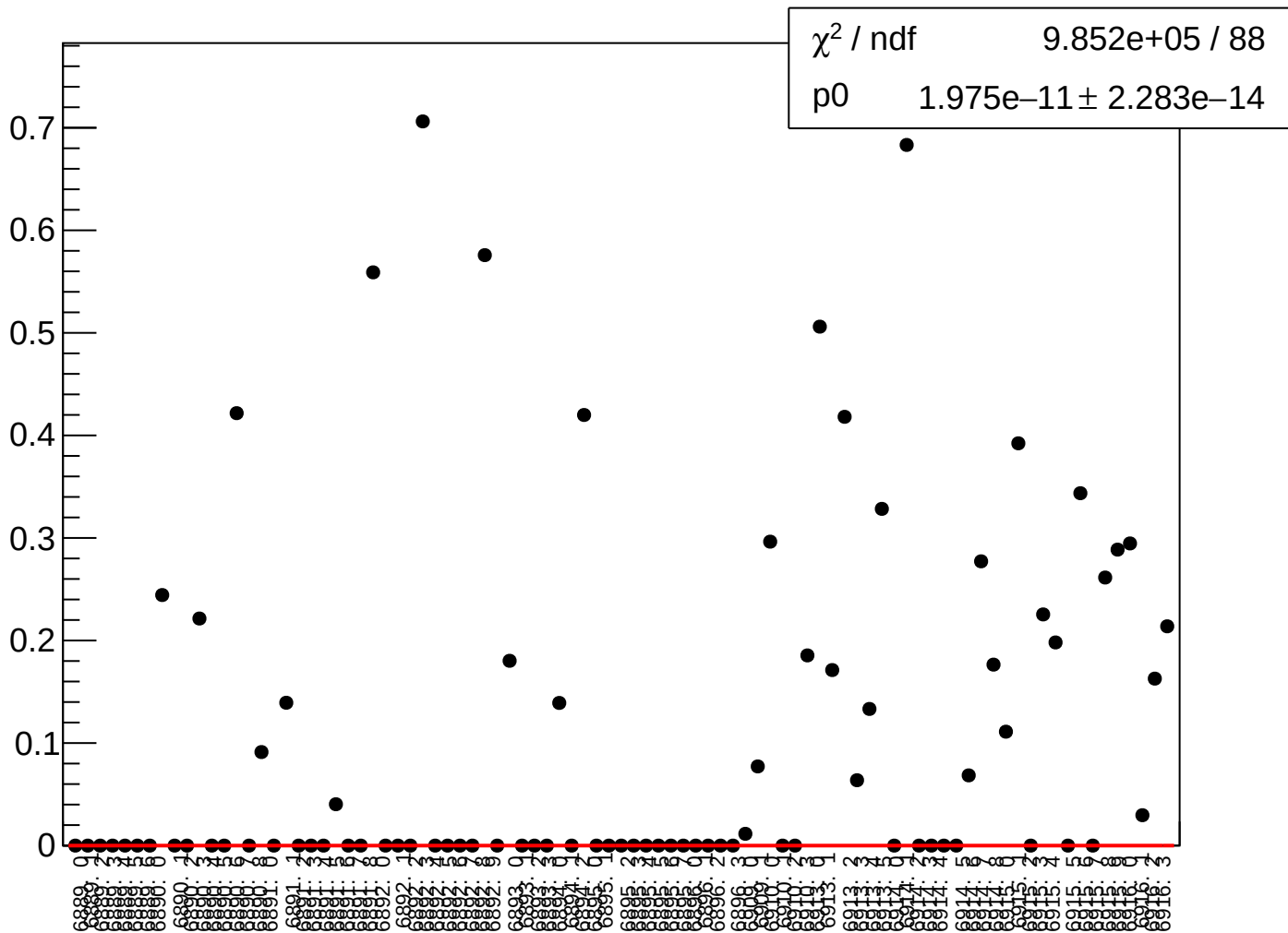
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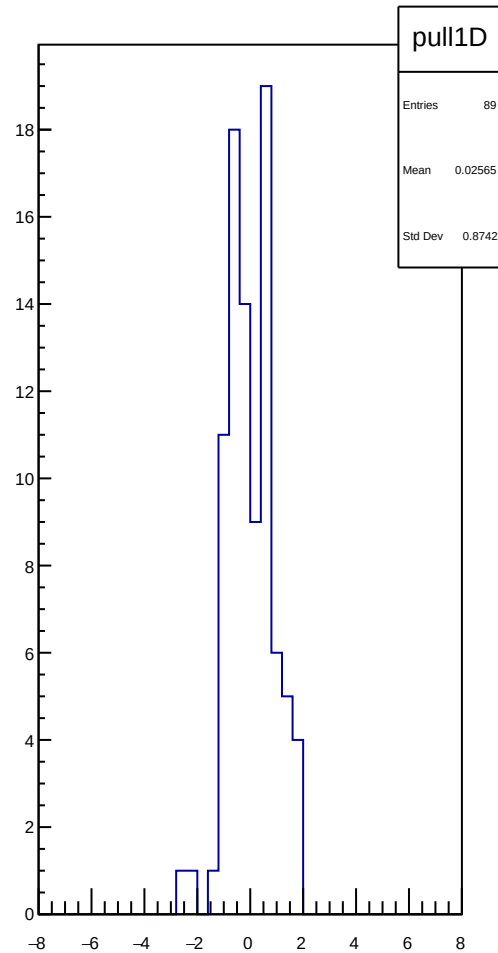
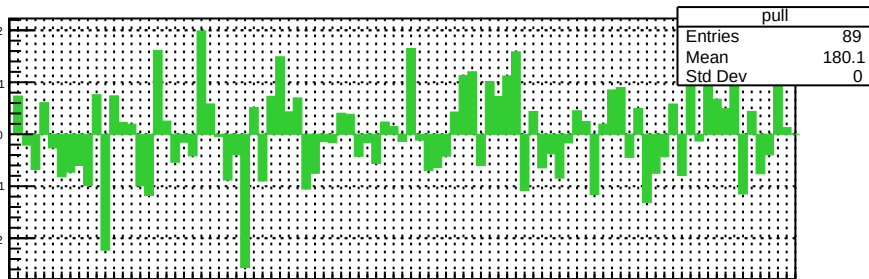
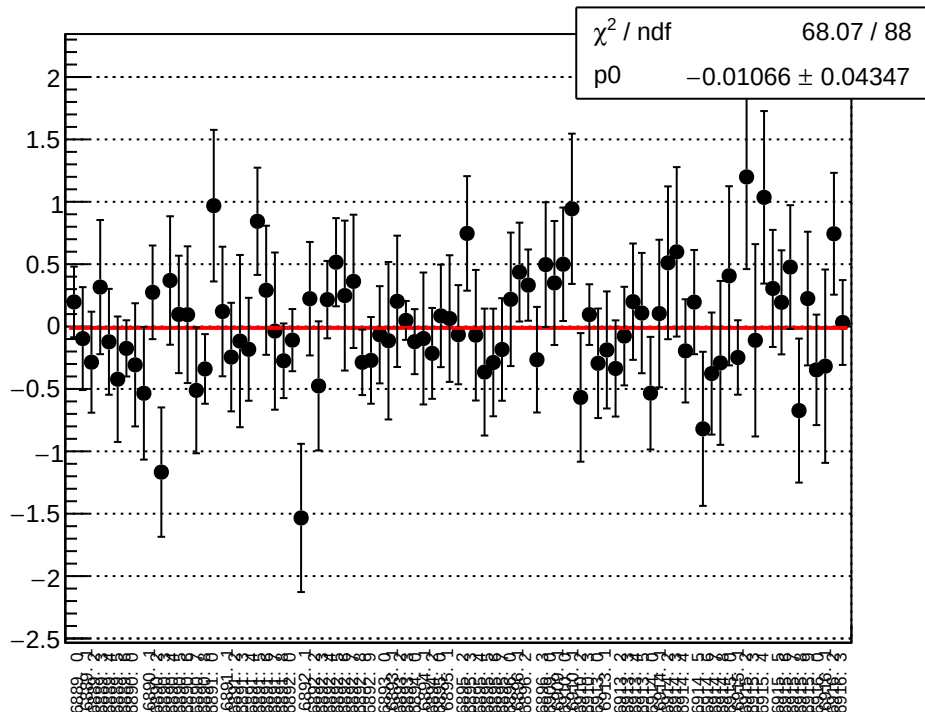
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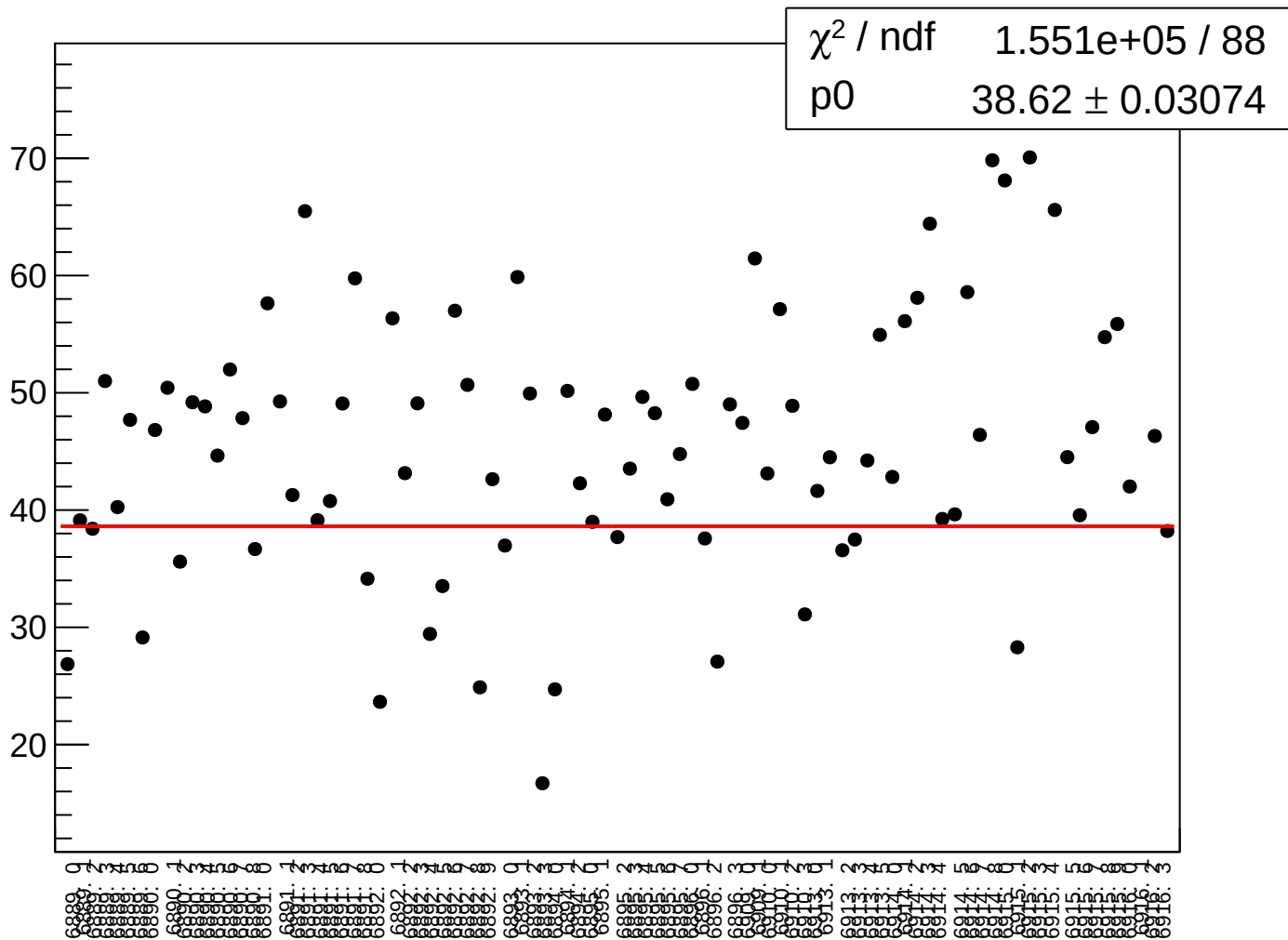
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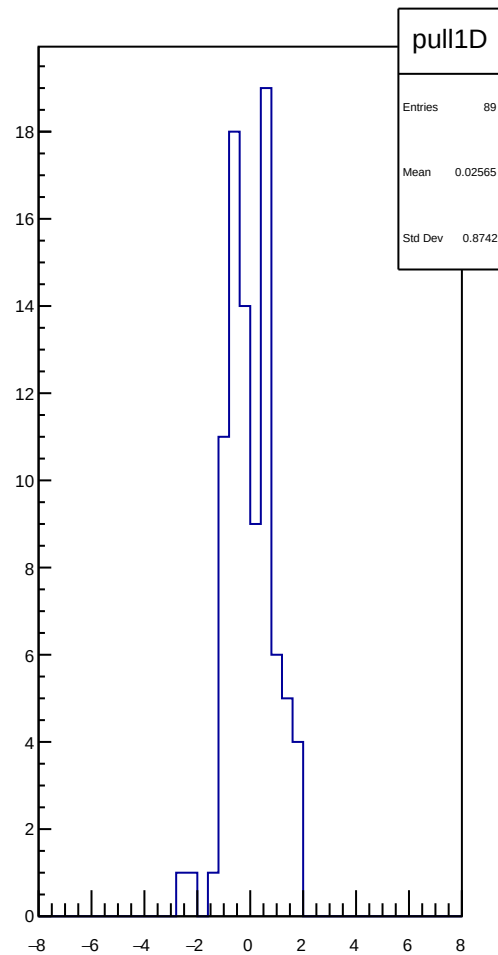
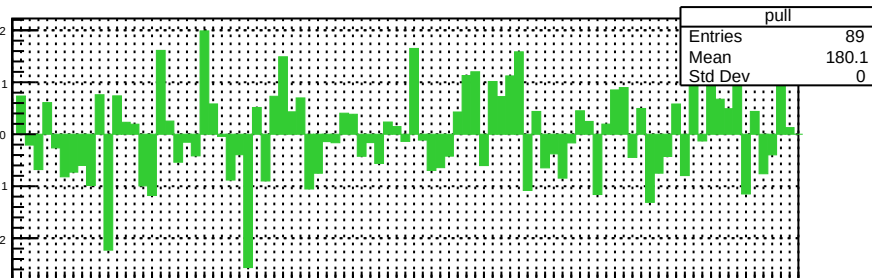
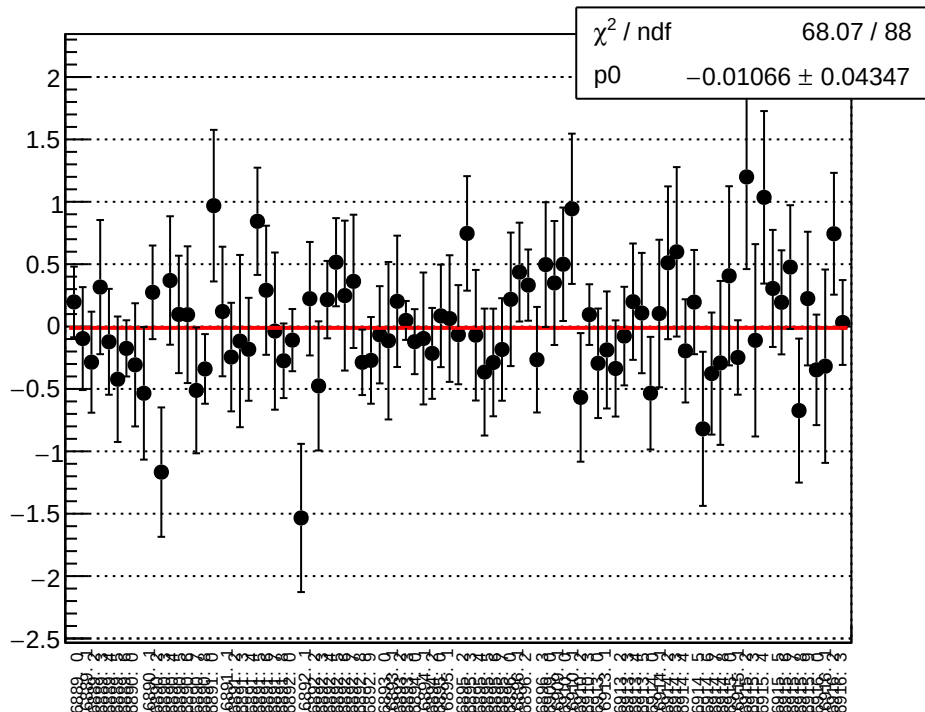
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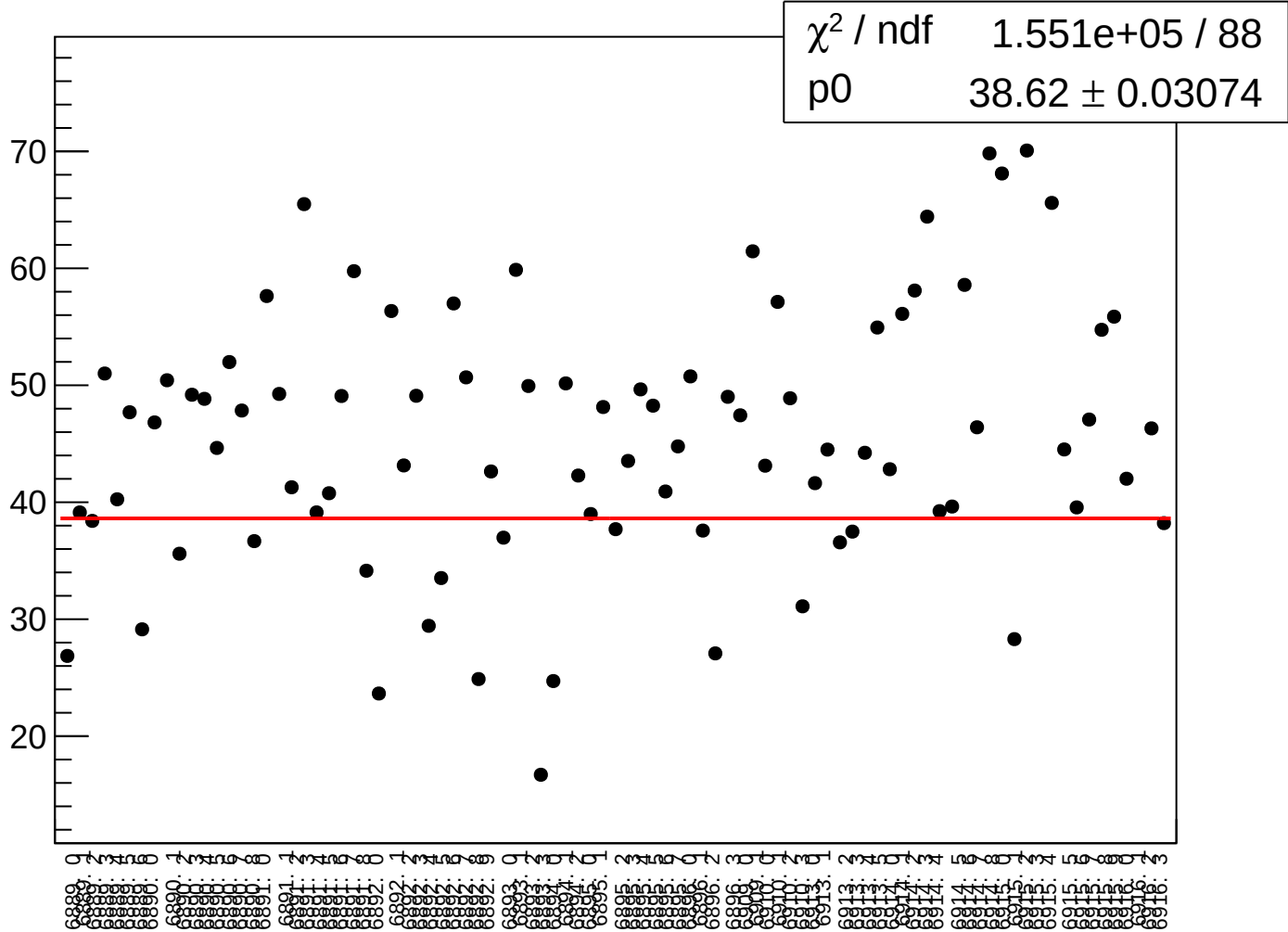
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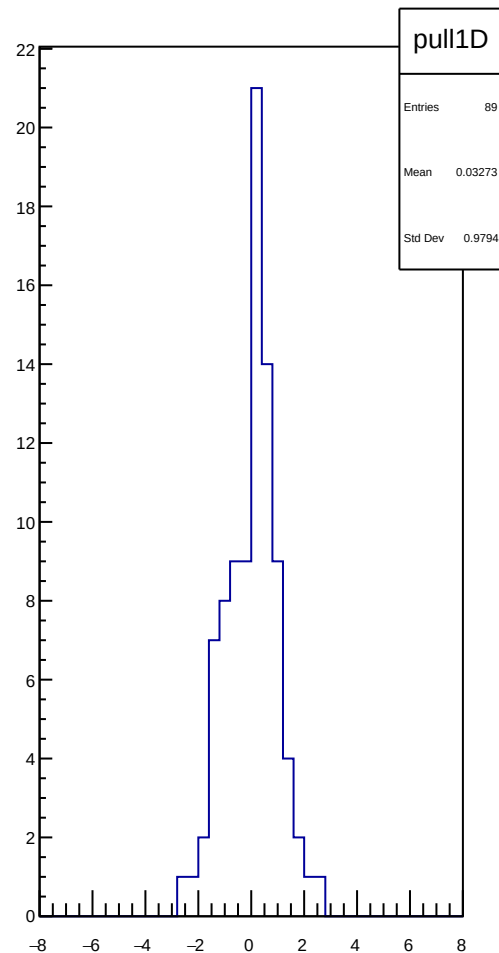
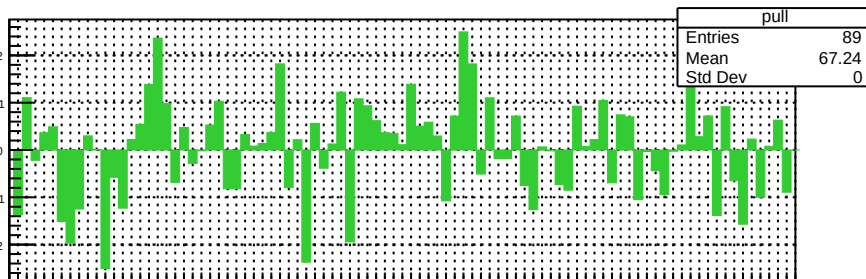
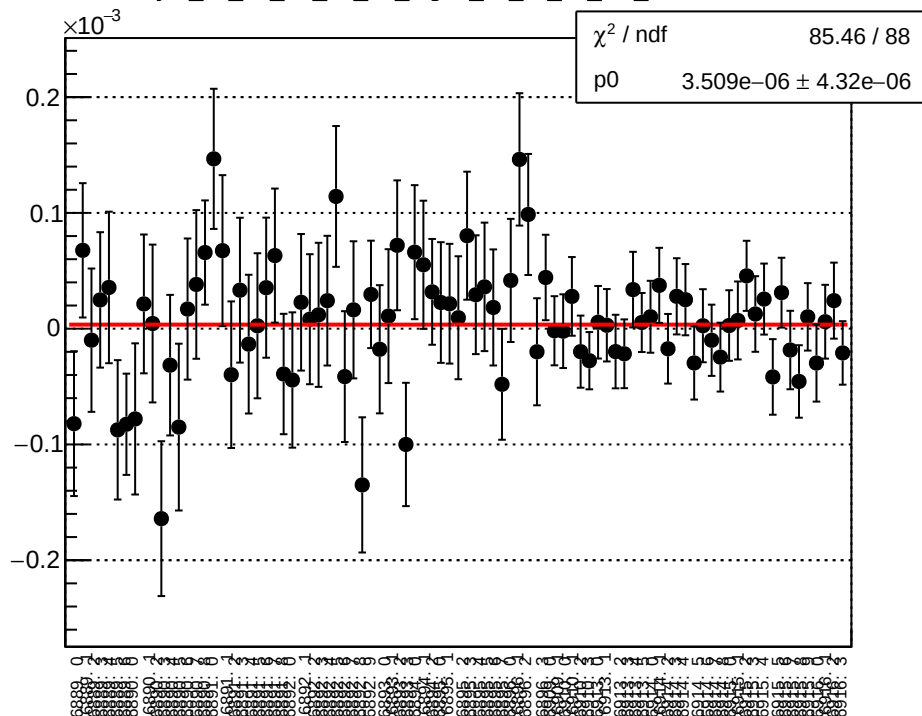
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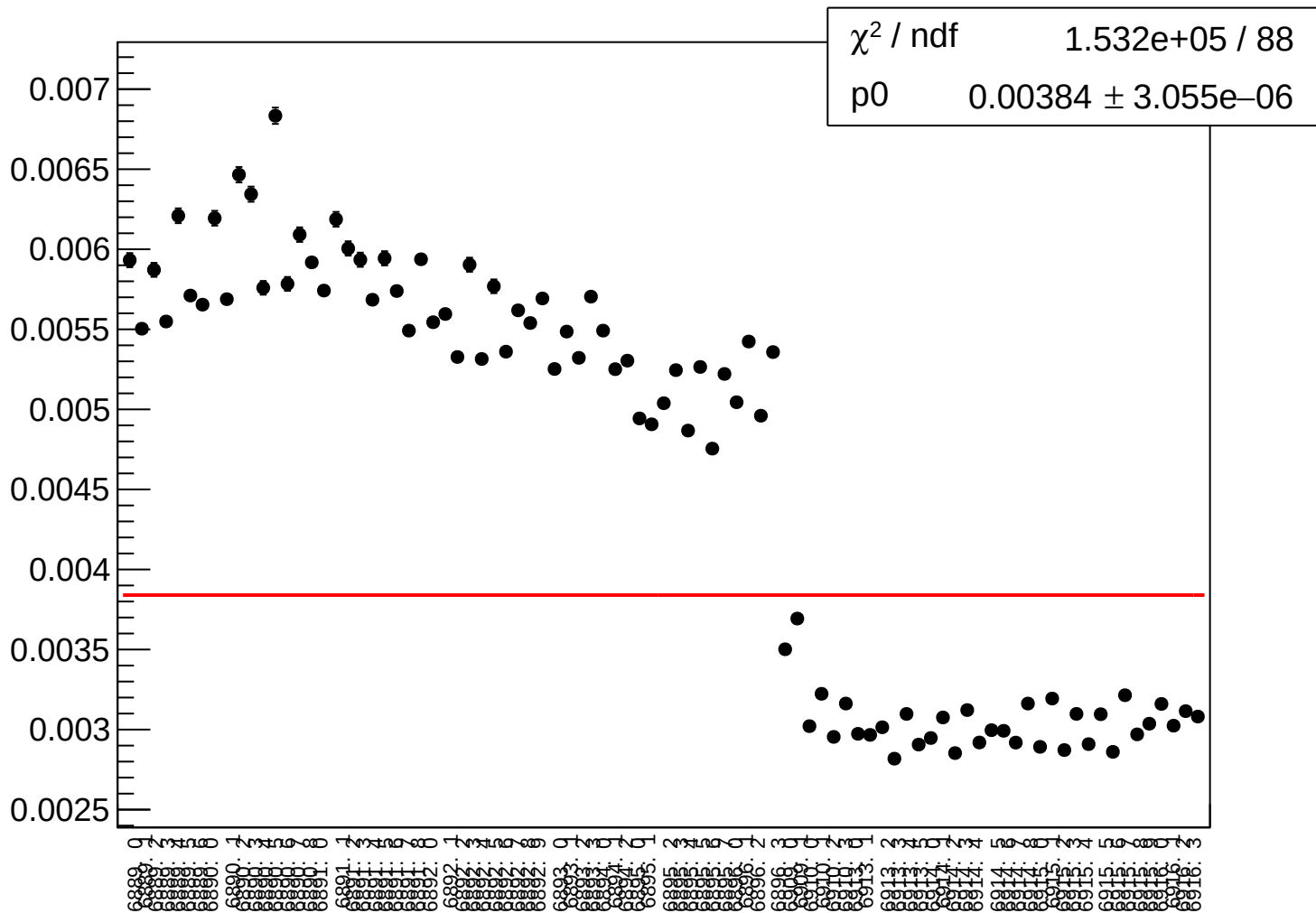
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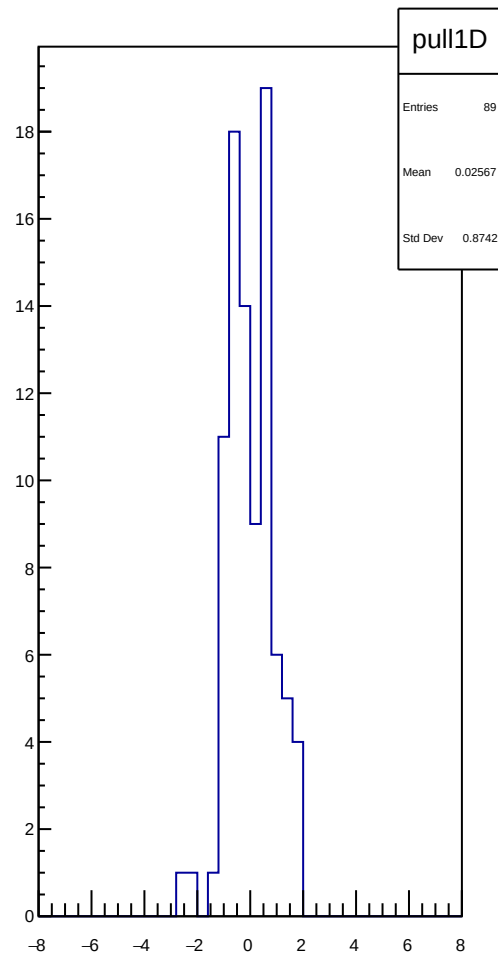
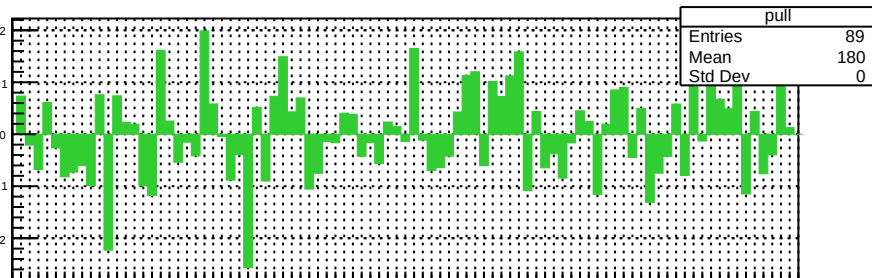
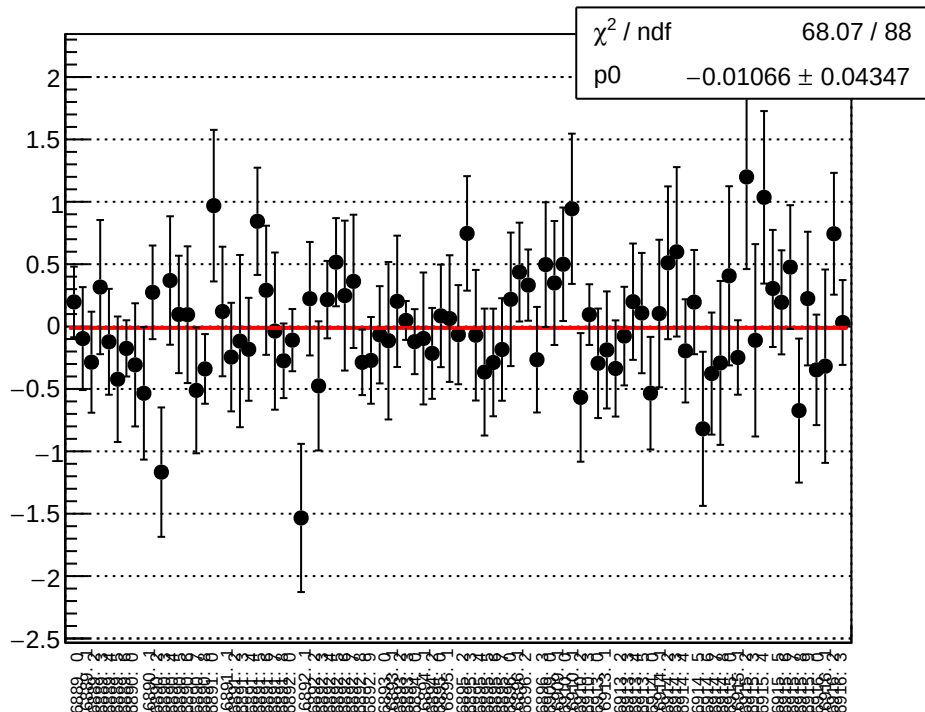
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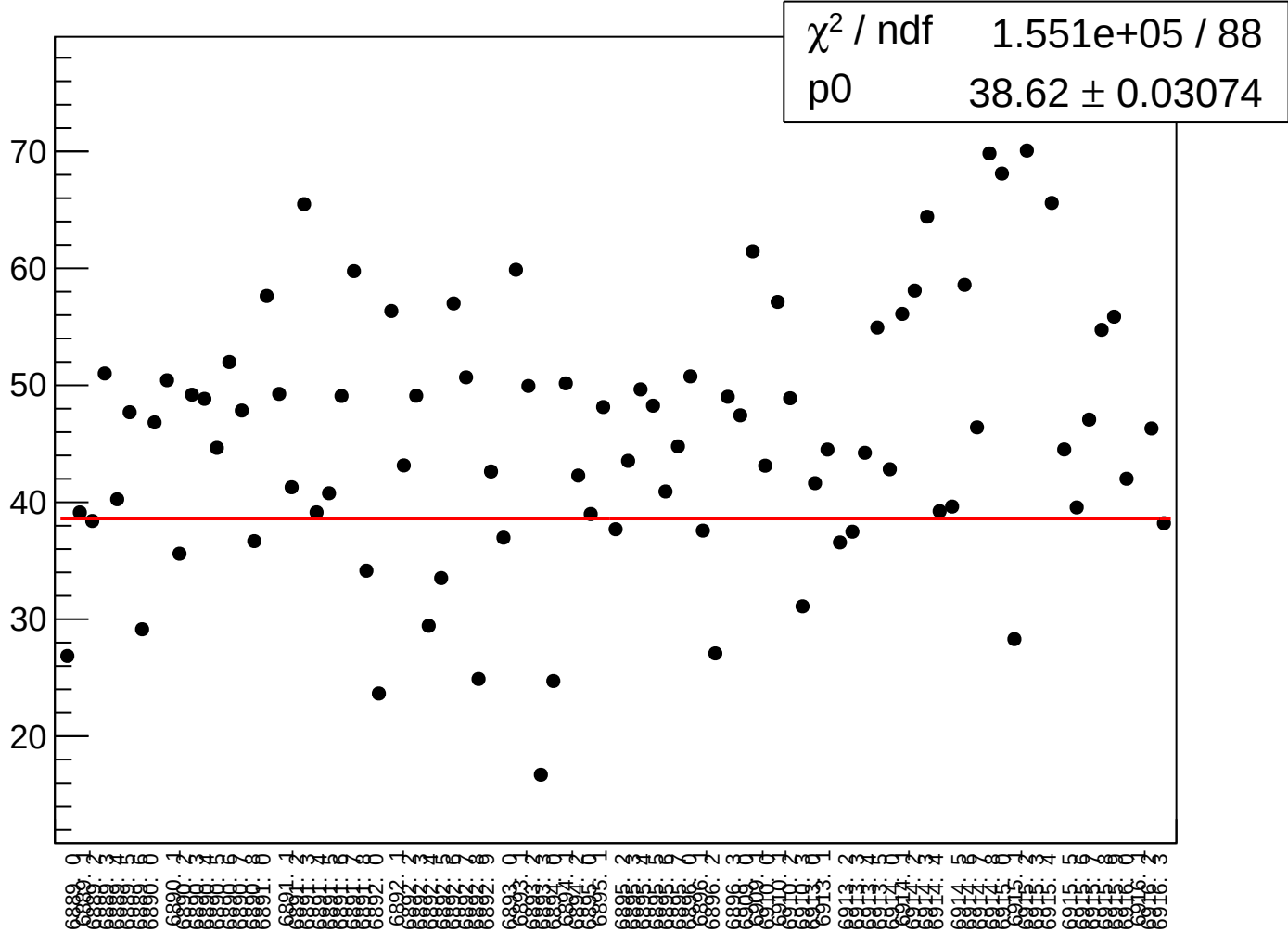
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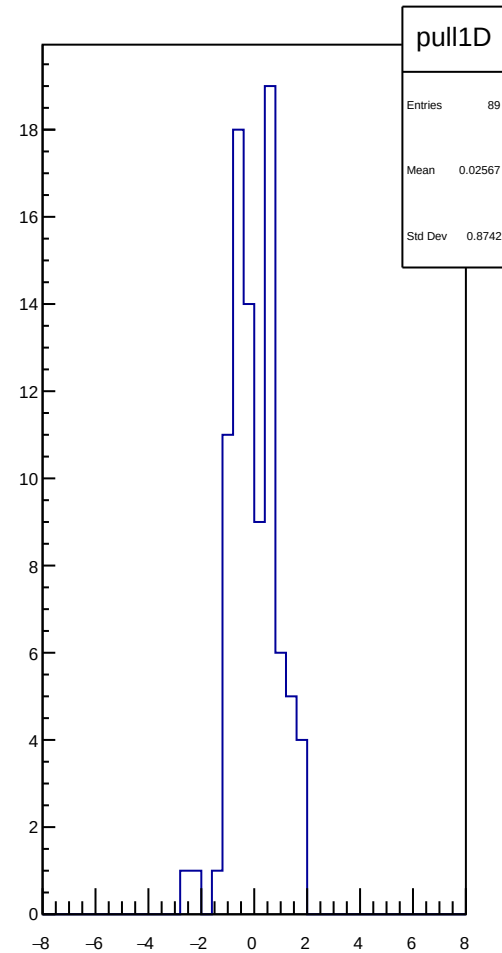
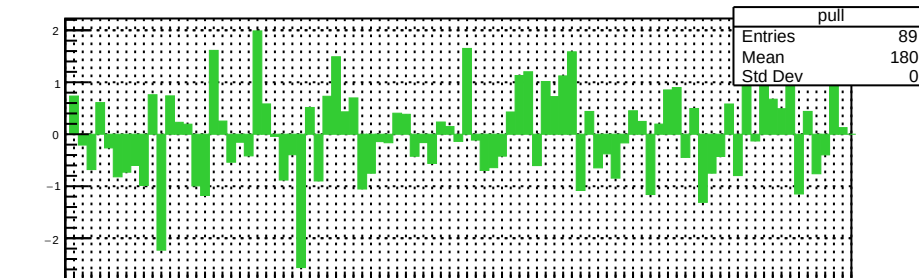
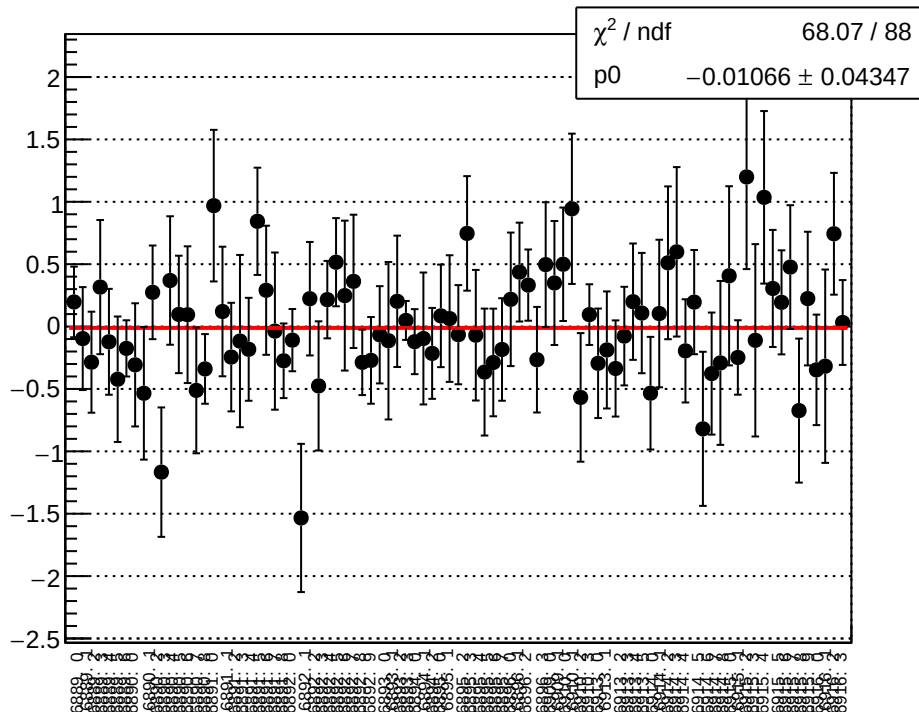
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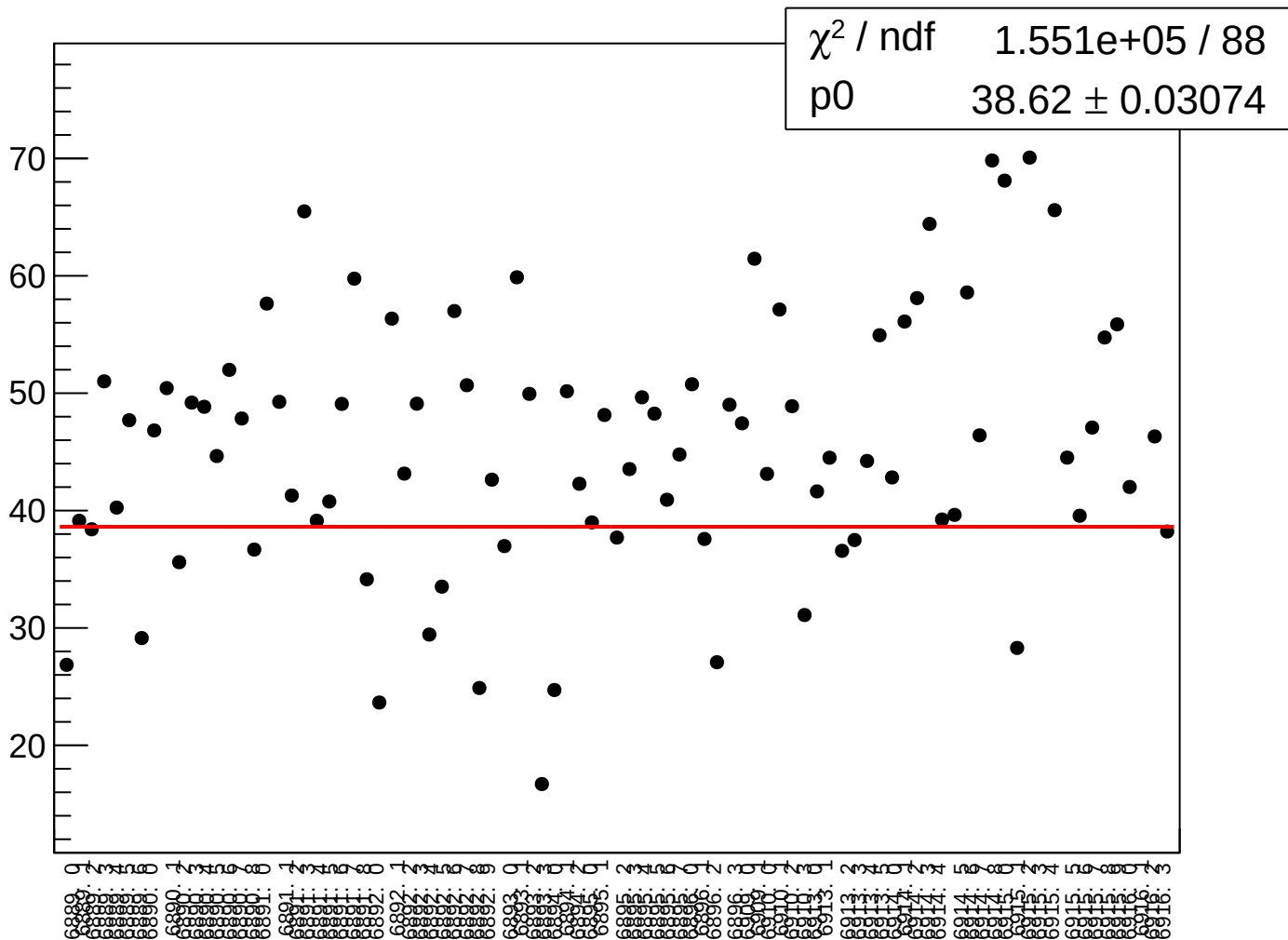
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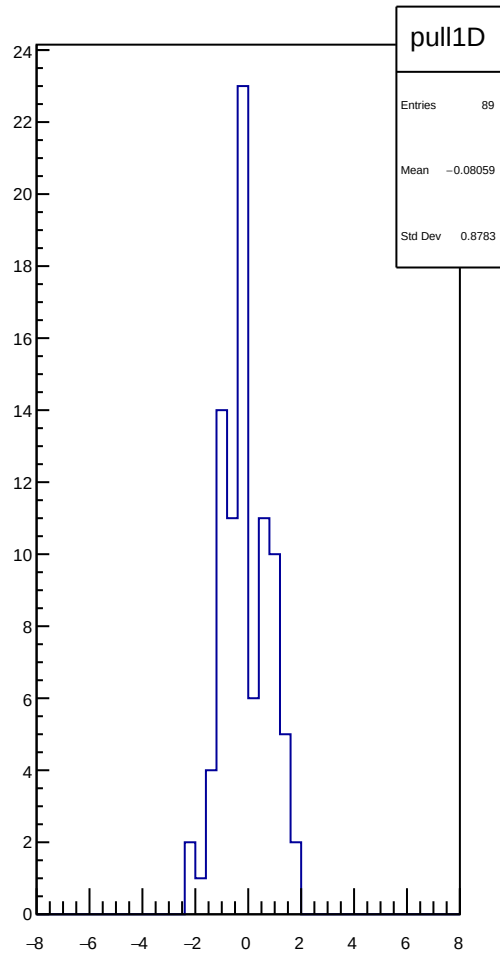
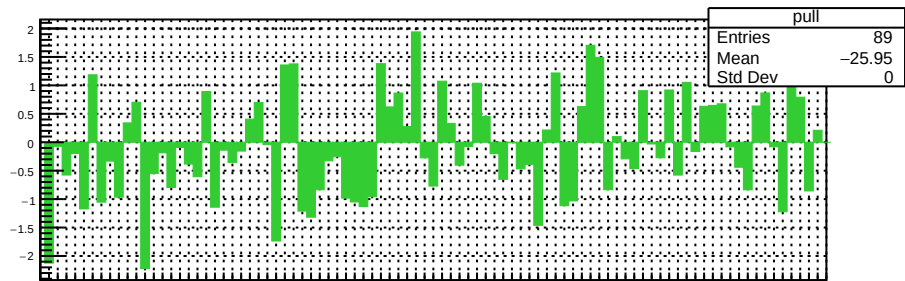
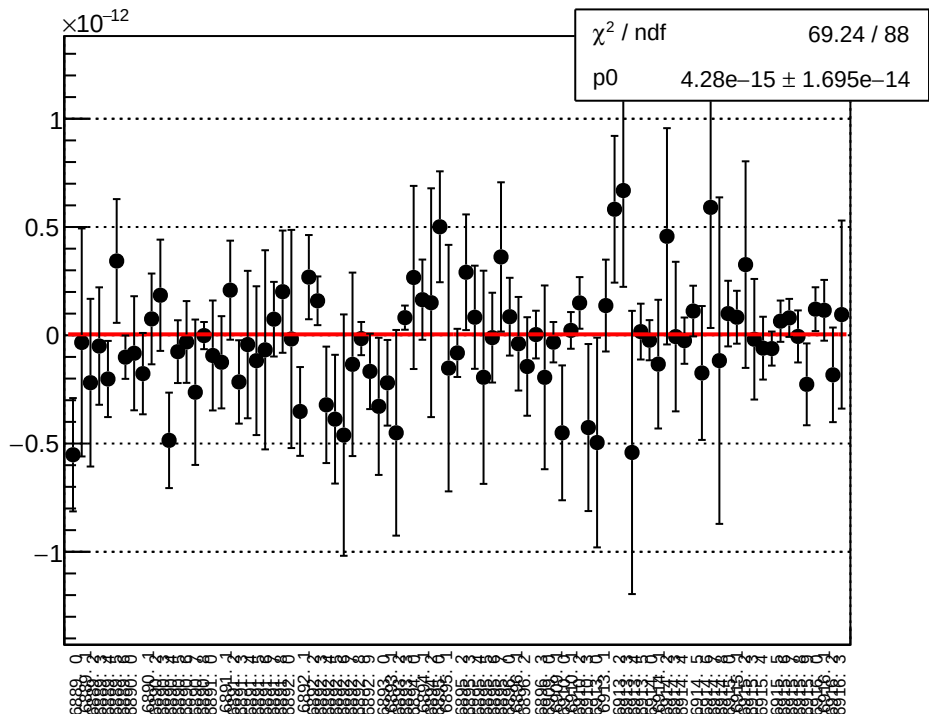
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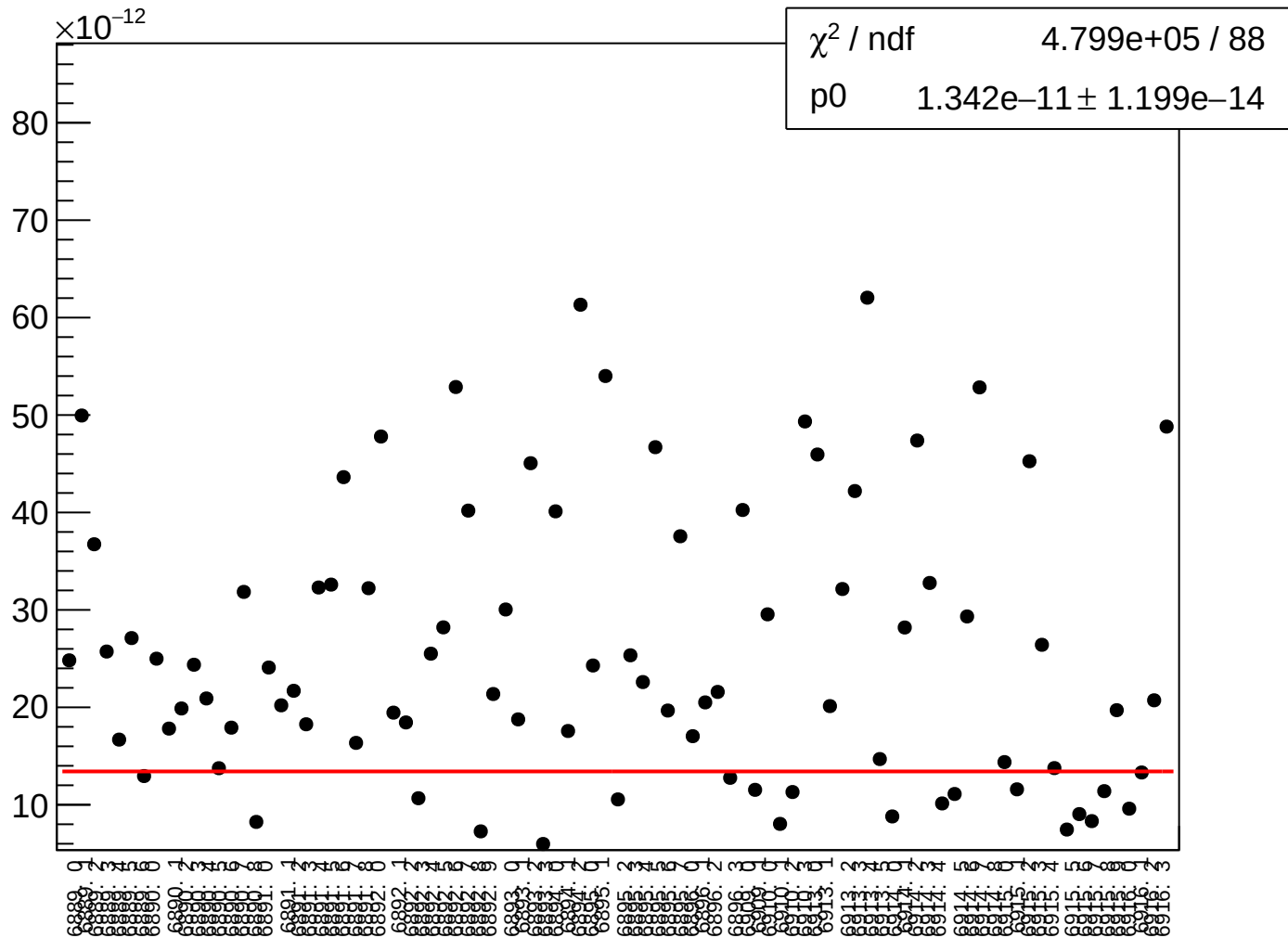
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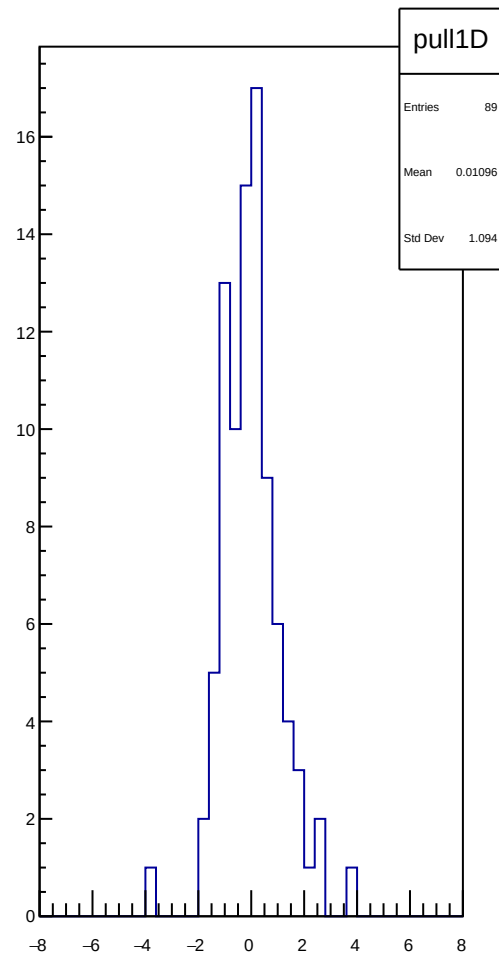
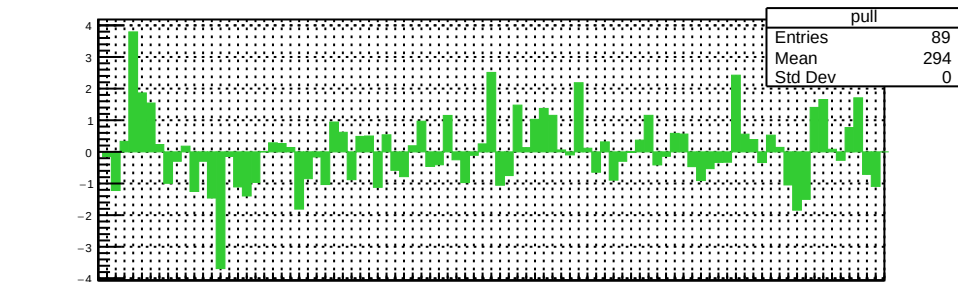
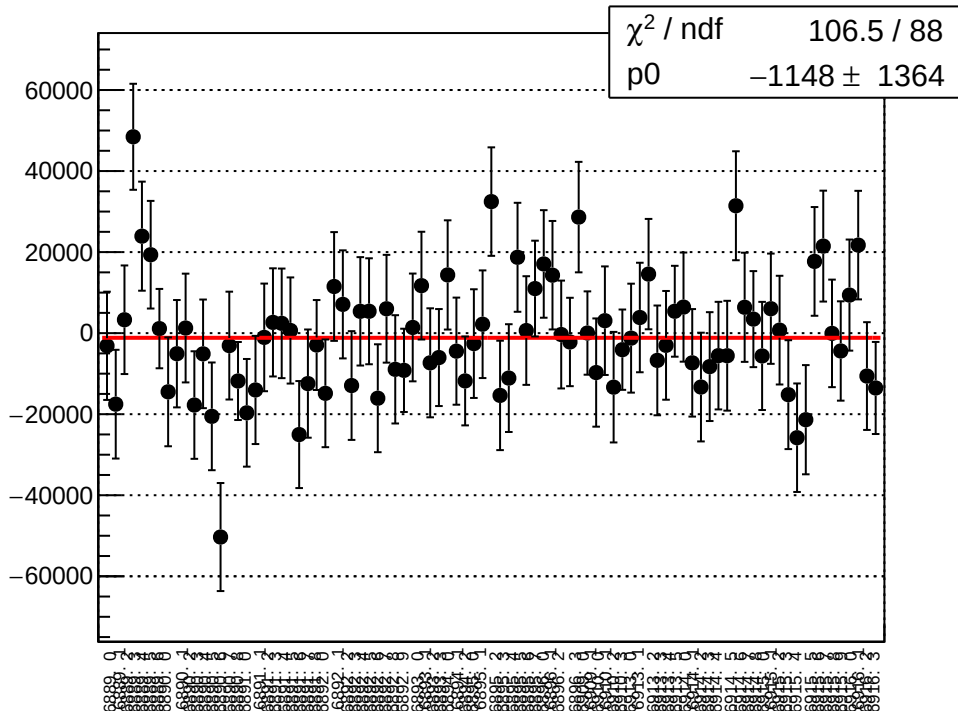
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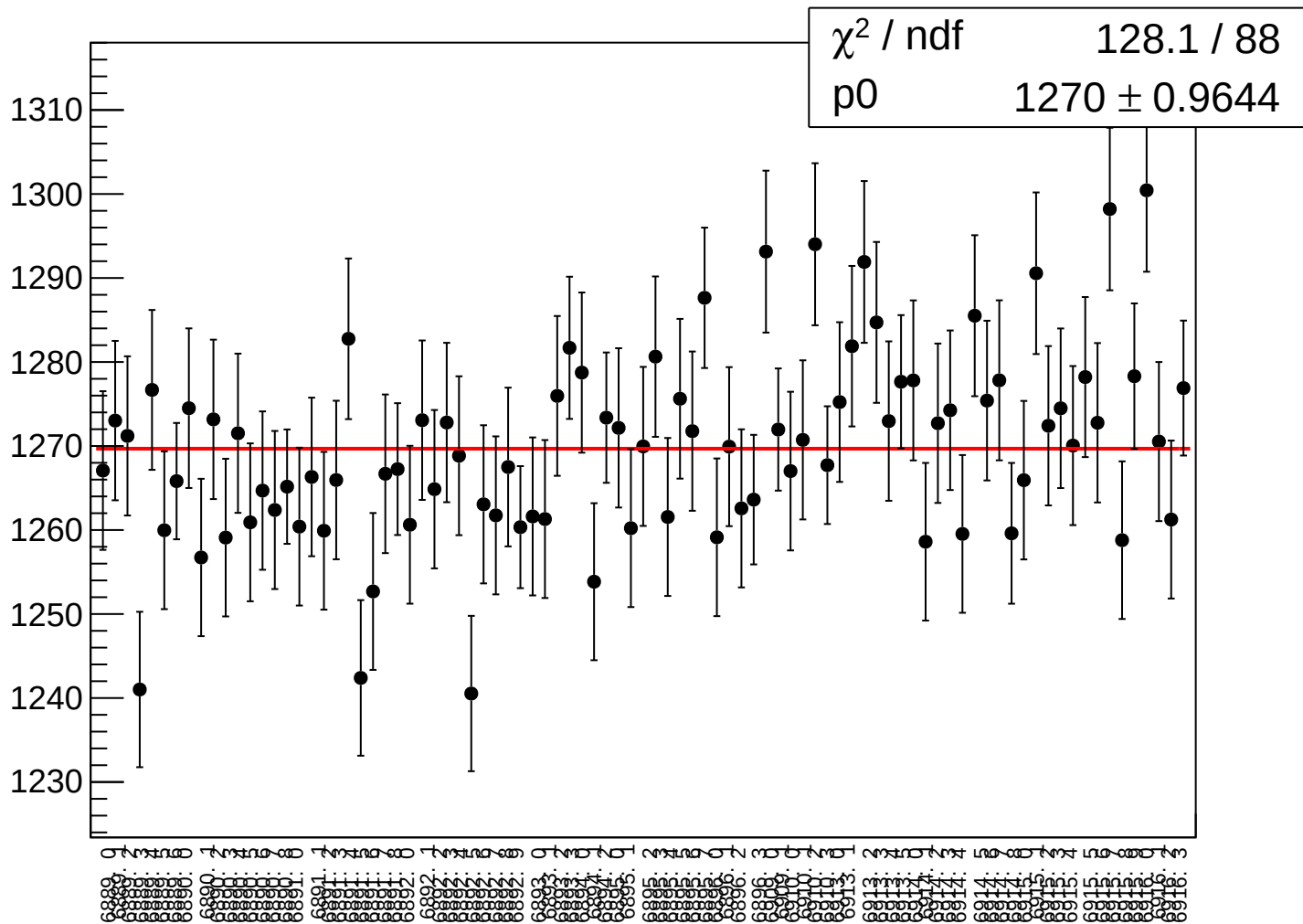
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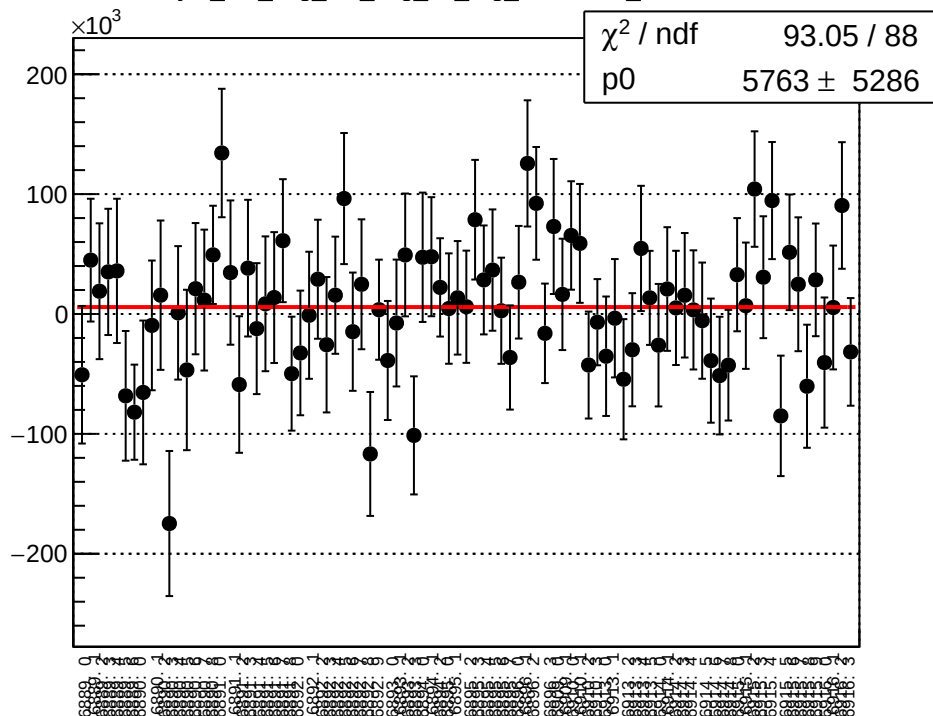
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reg_asym_at1_avg_at2_avg_dd_rms vs run

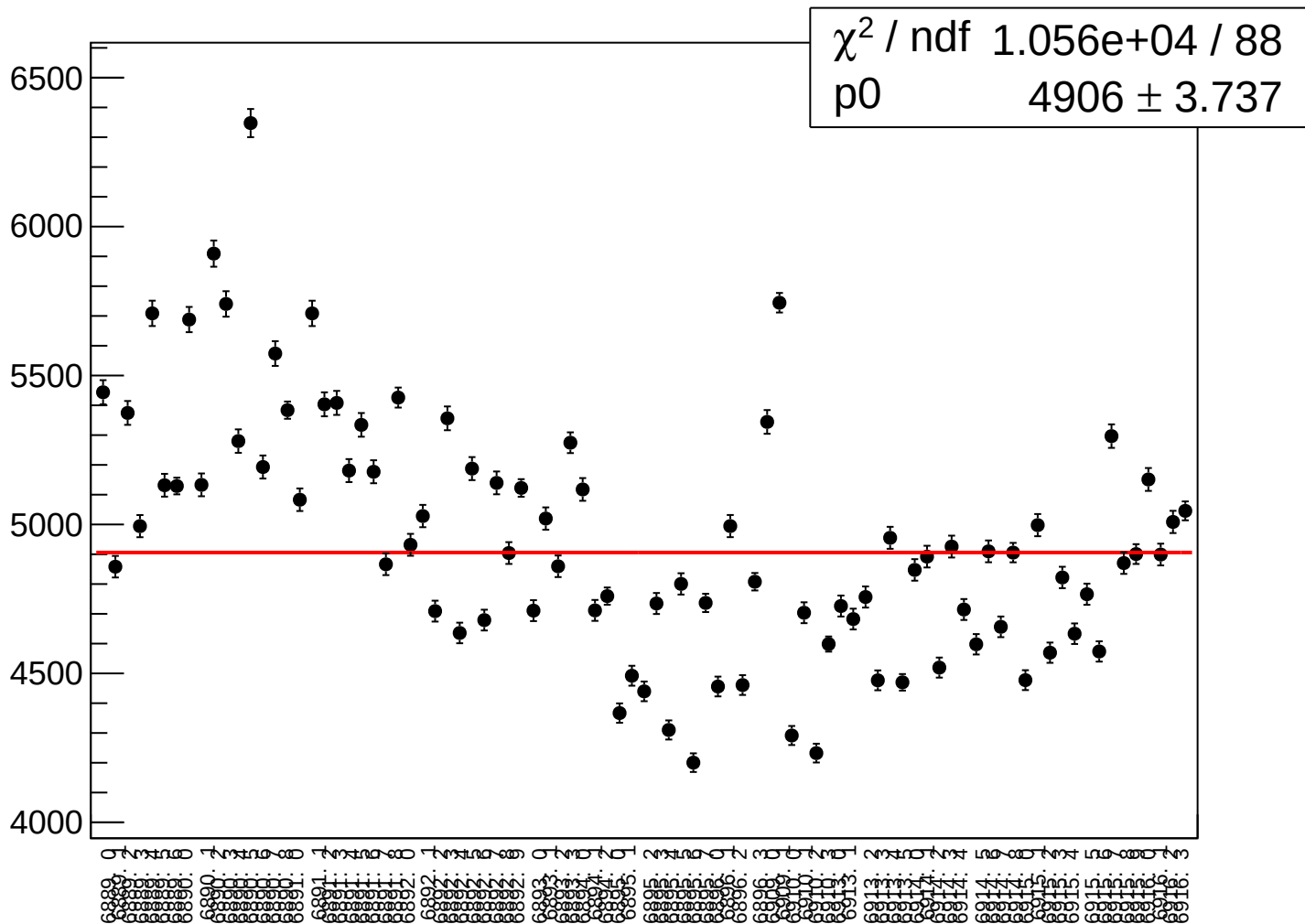


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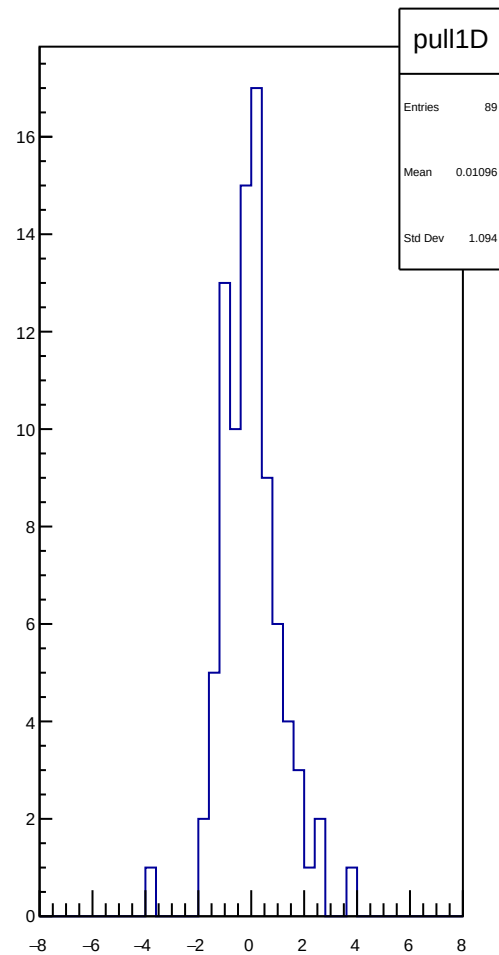
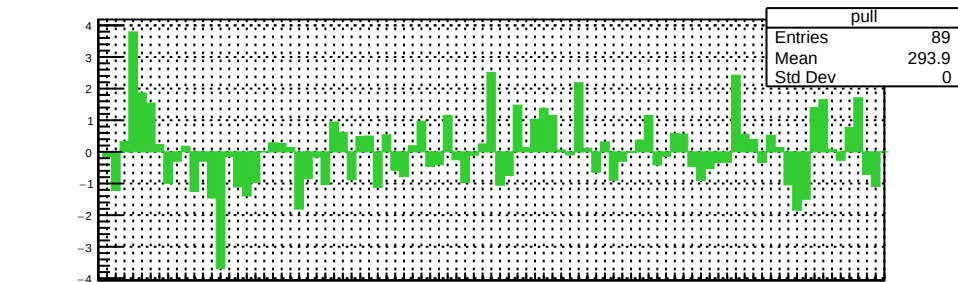
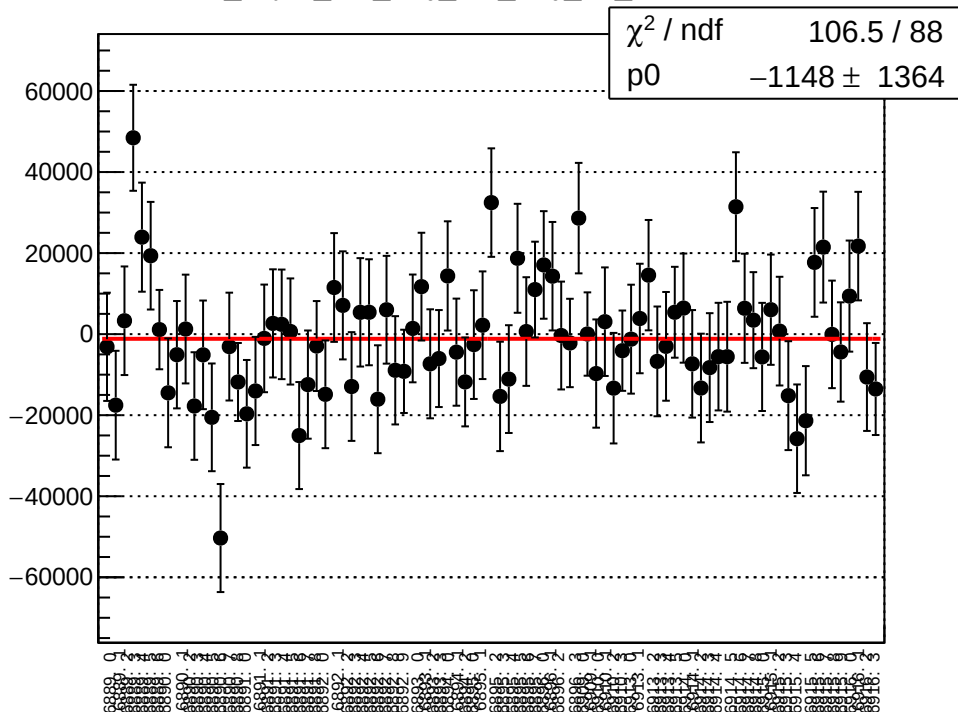


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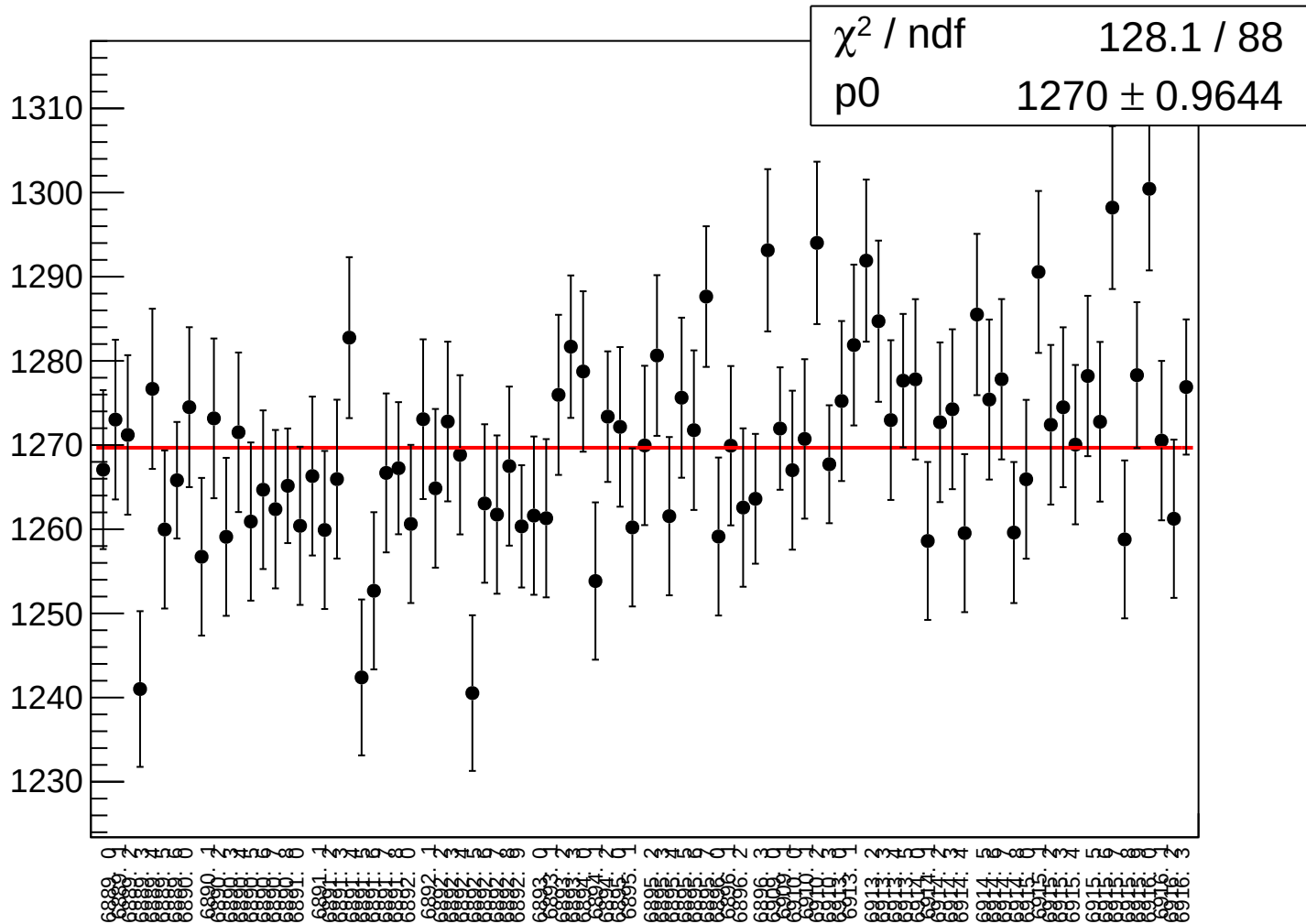
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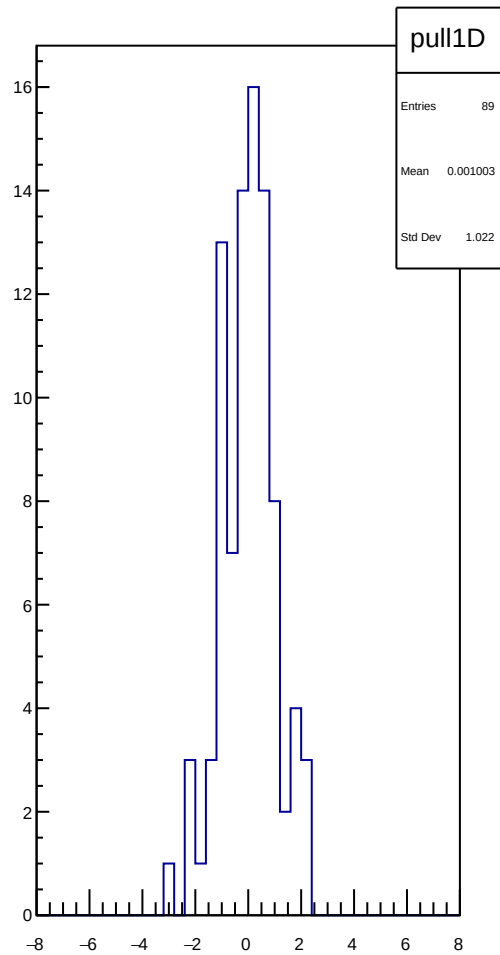
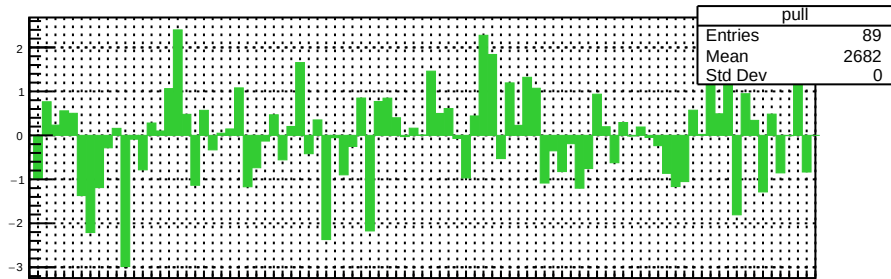
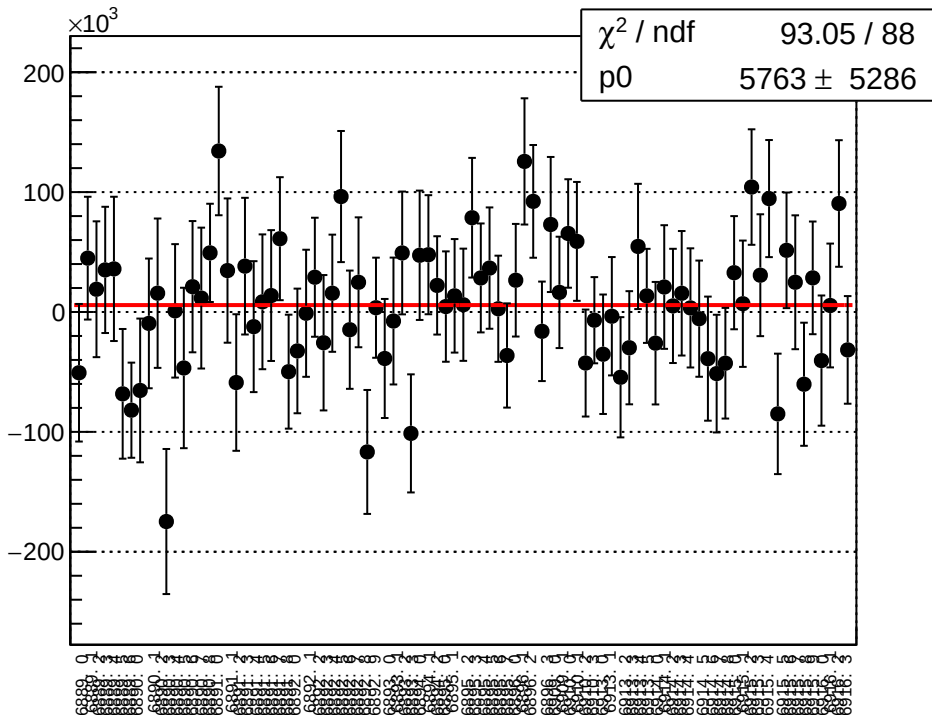
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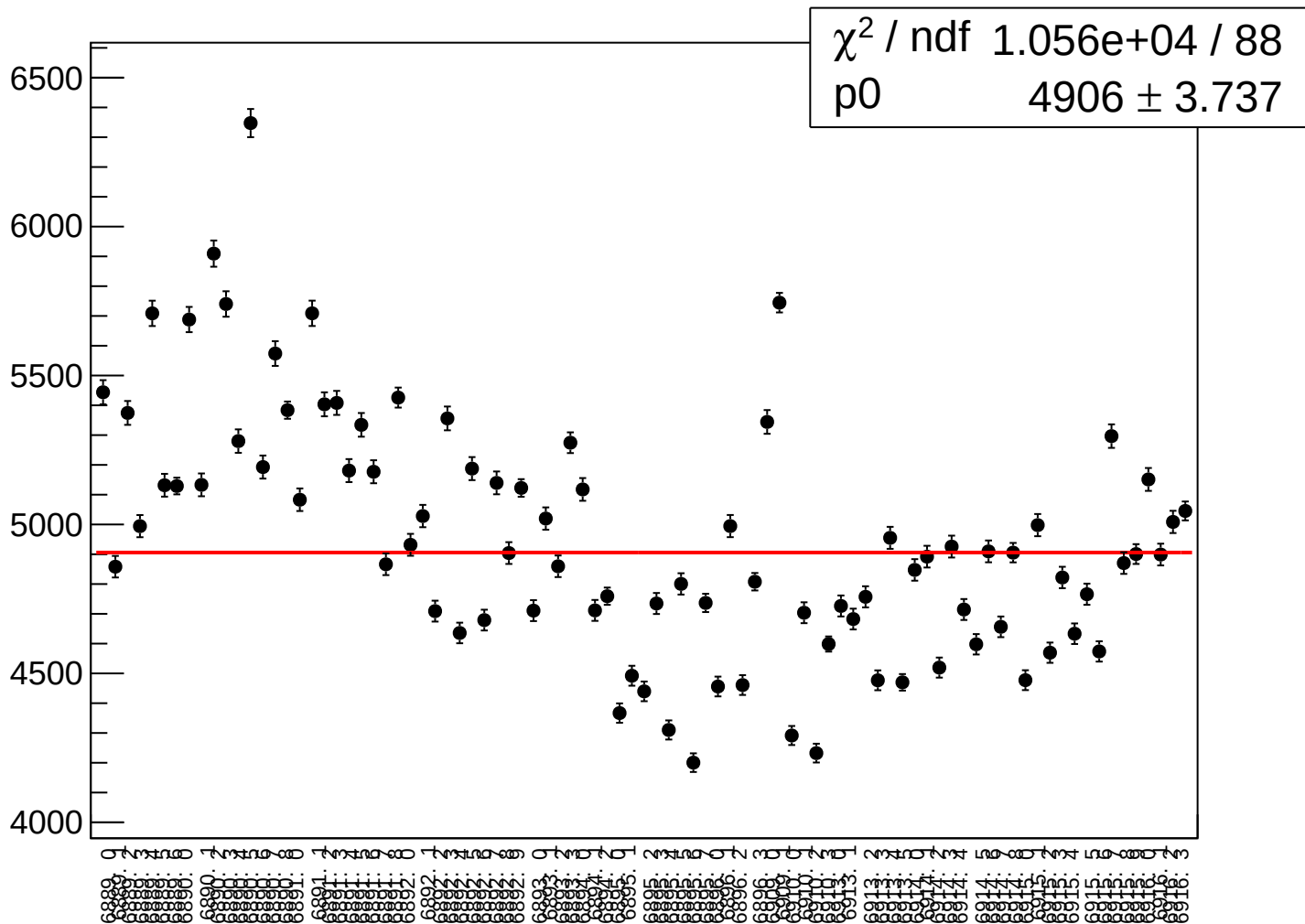
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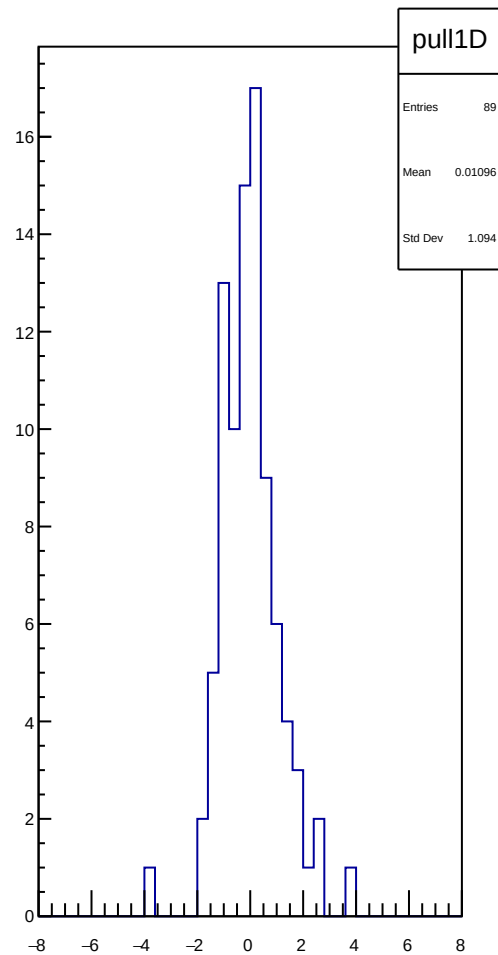
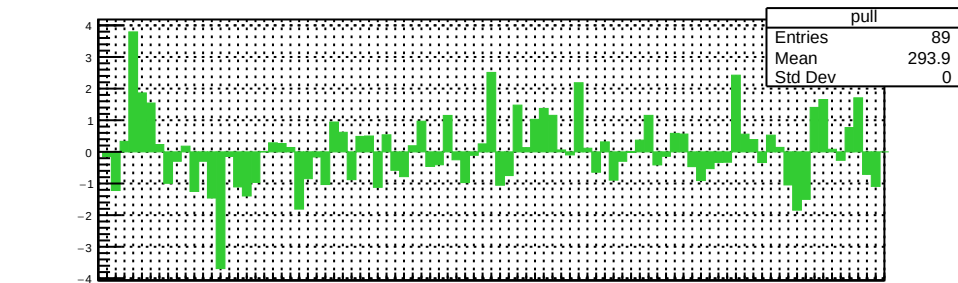
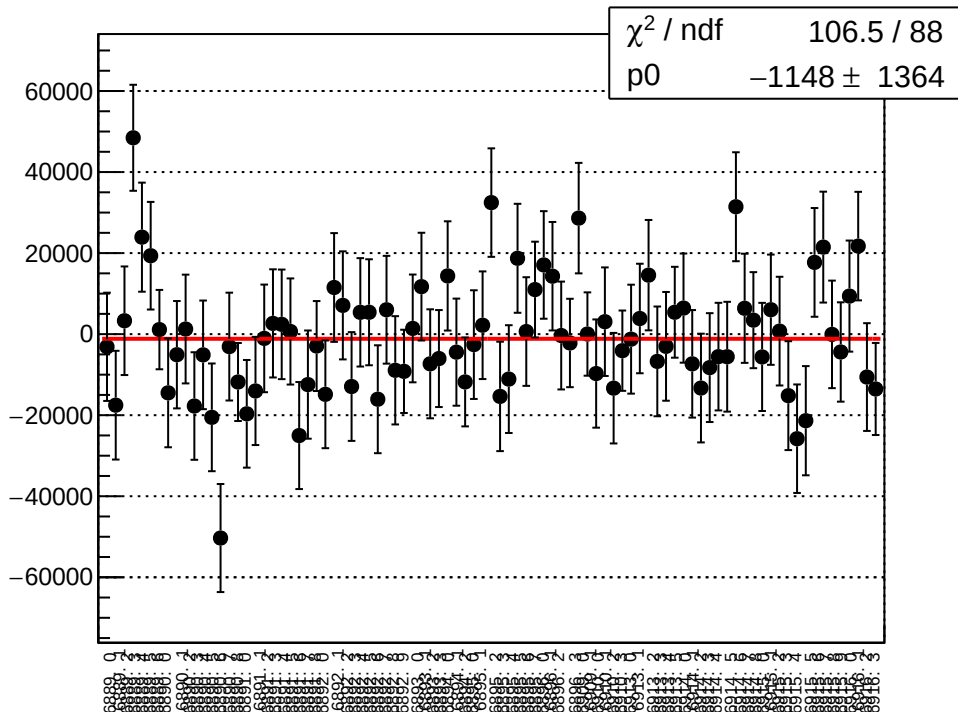
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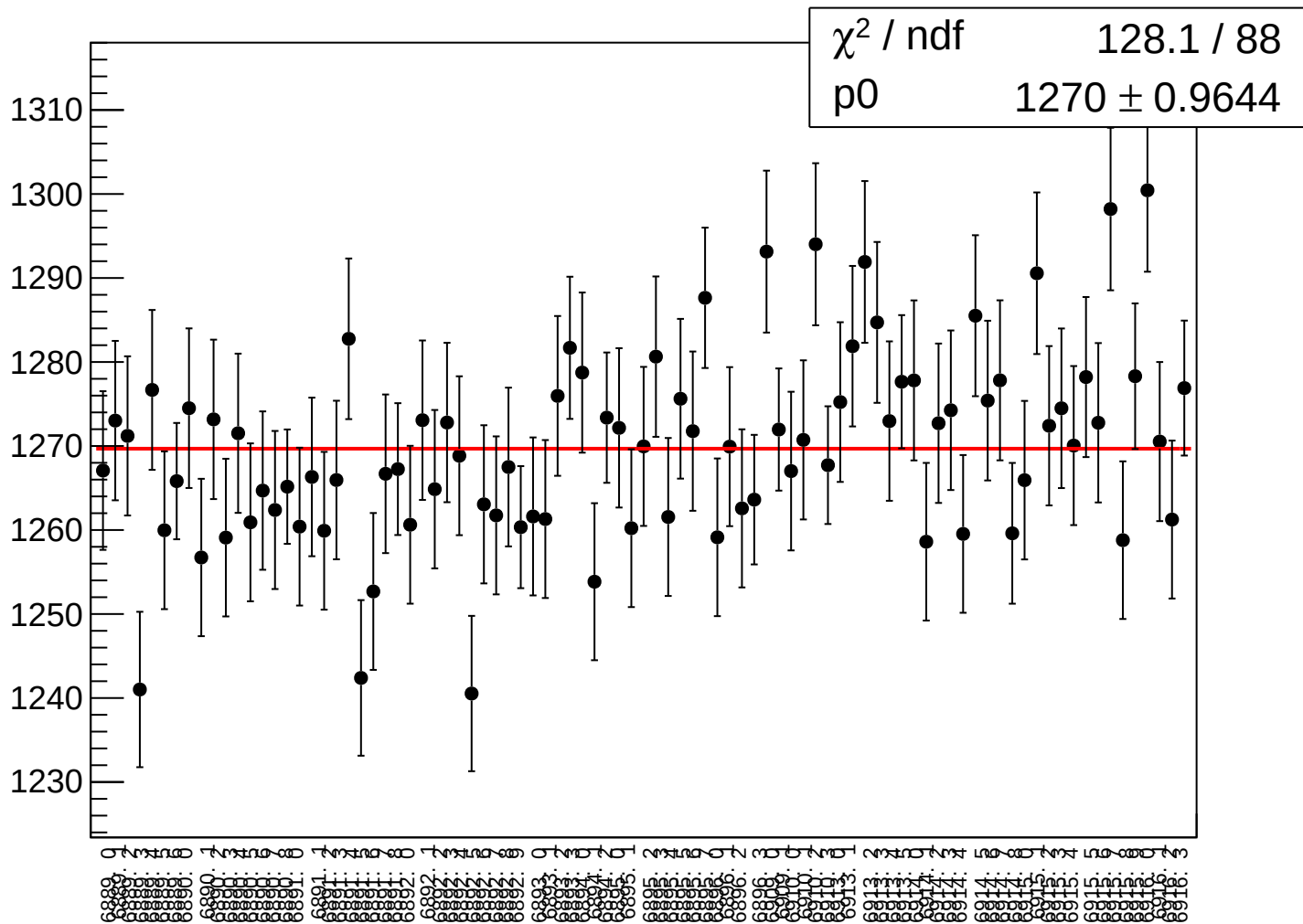
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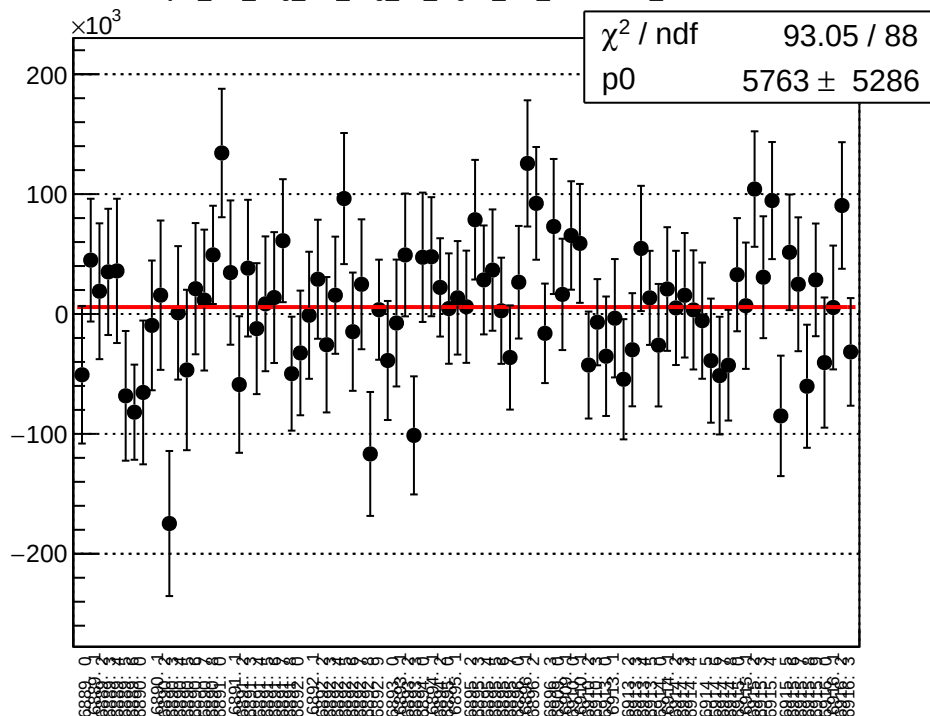
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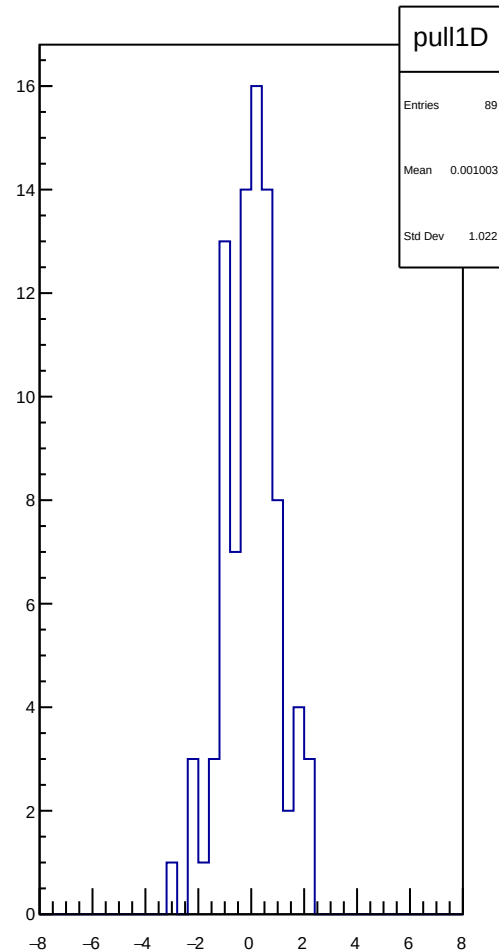
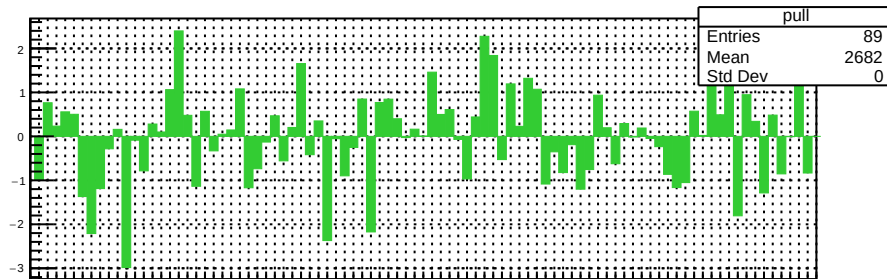
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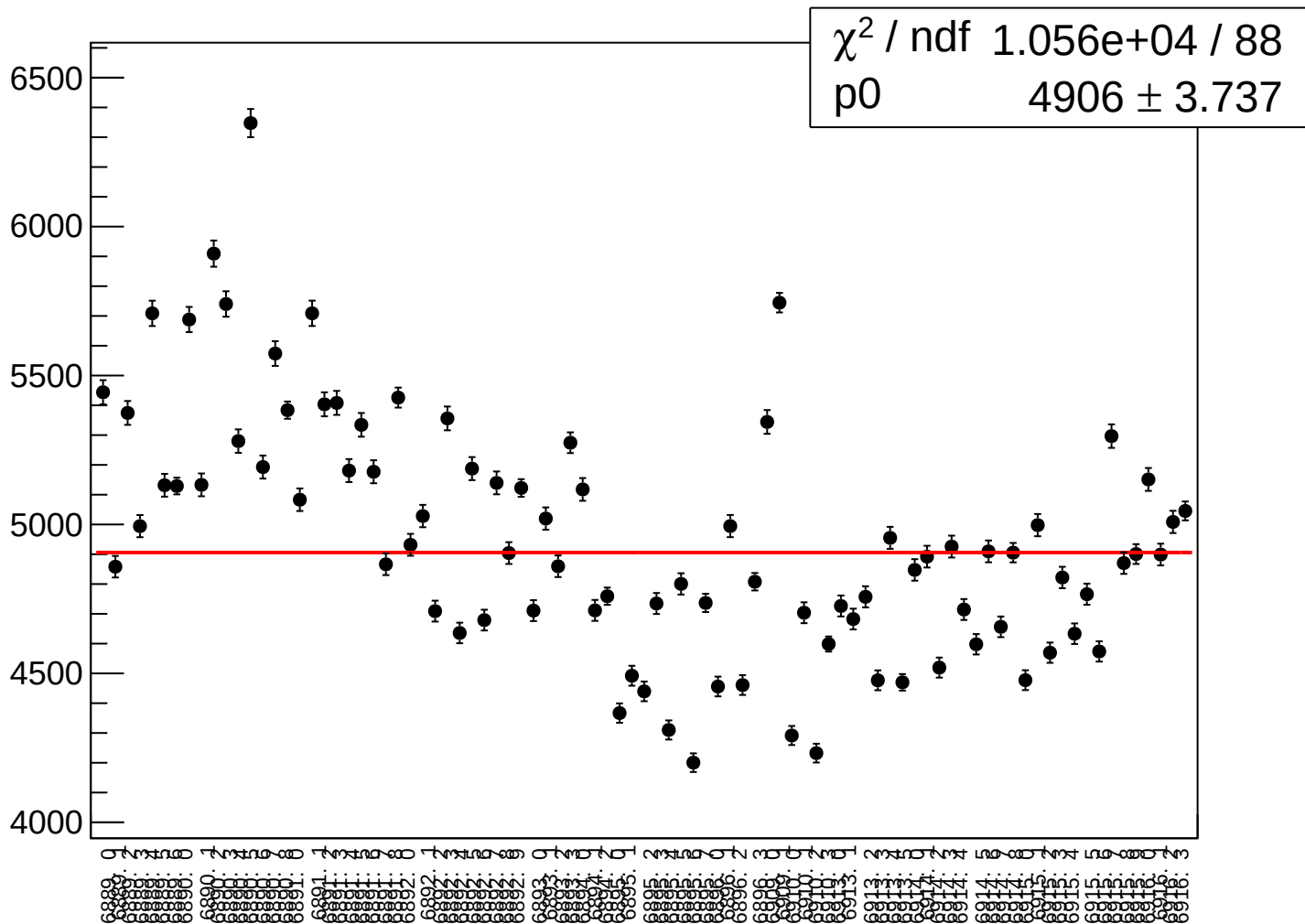
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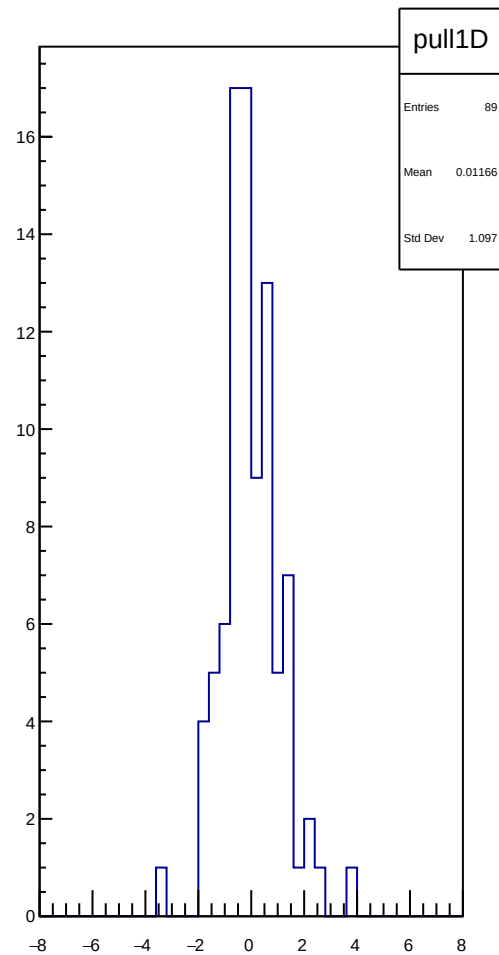
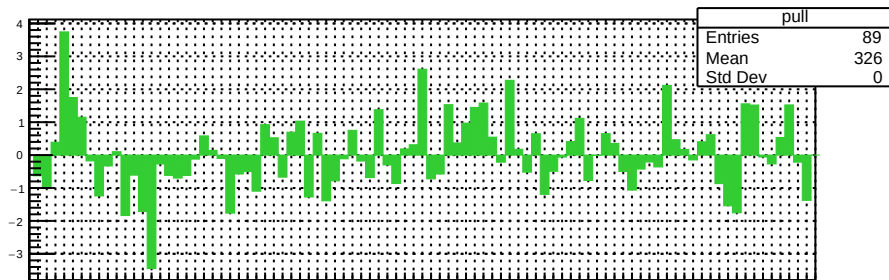
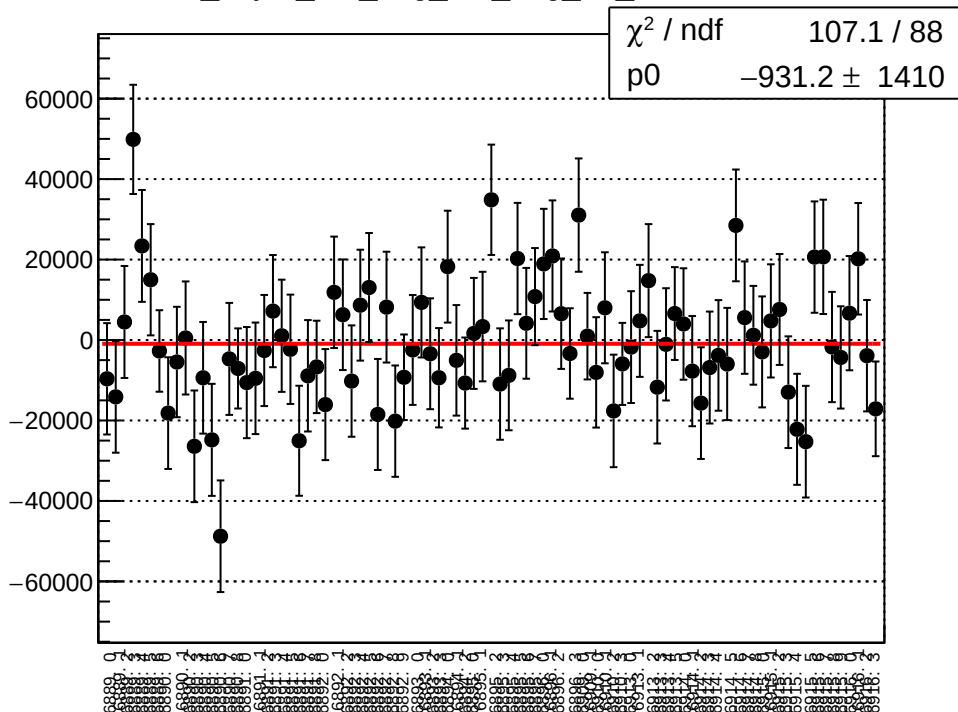
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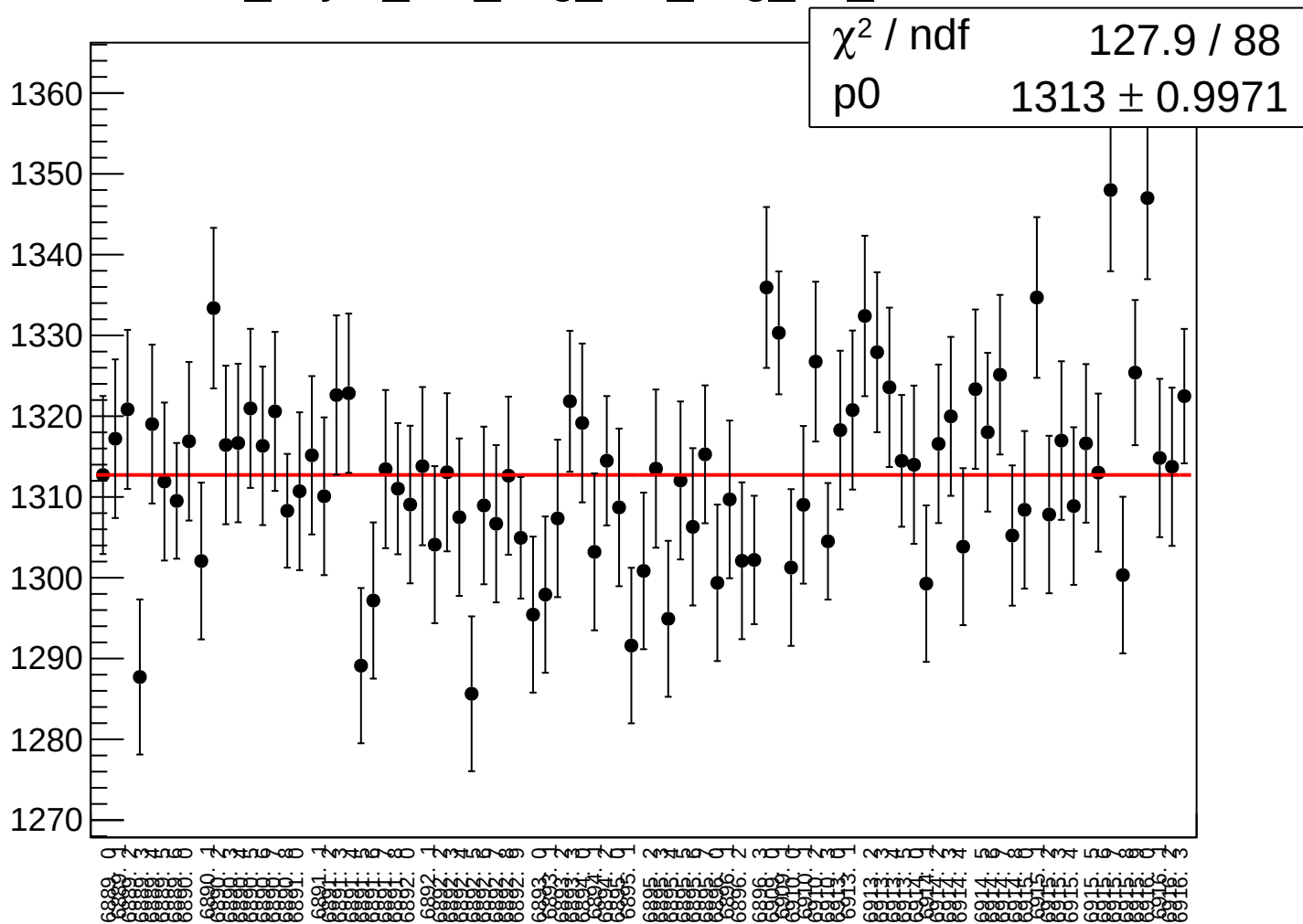
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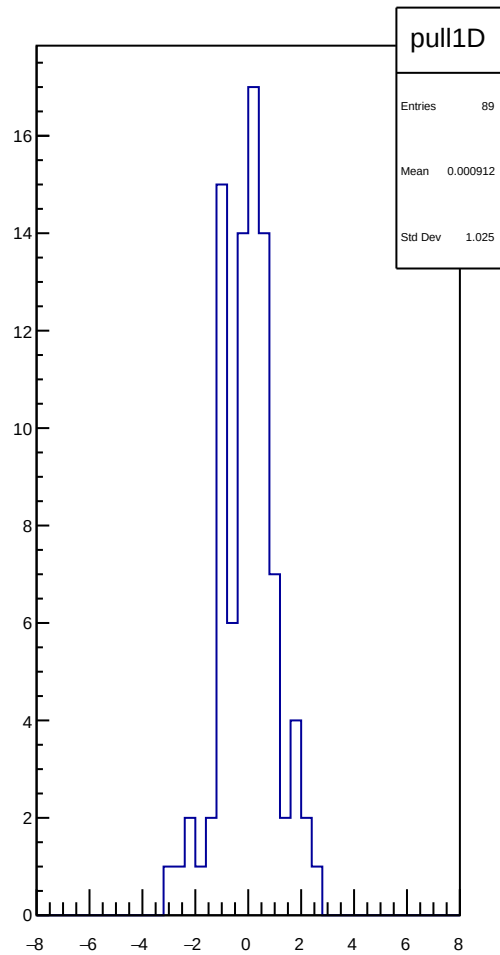
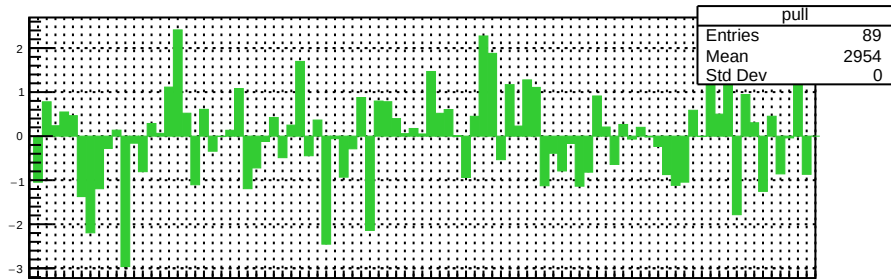
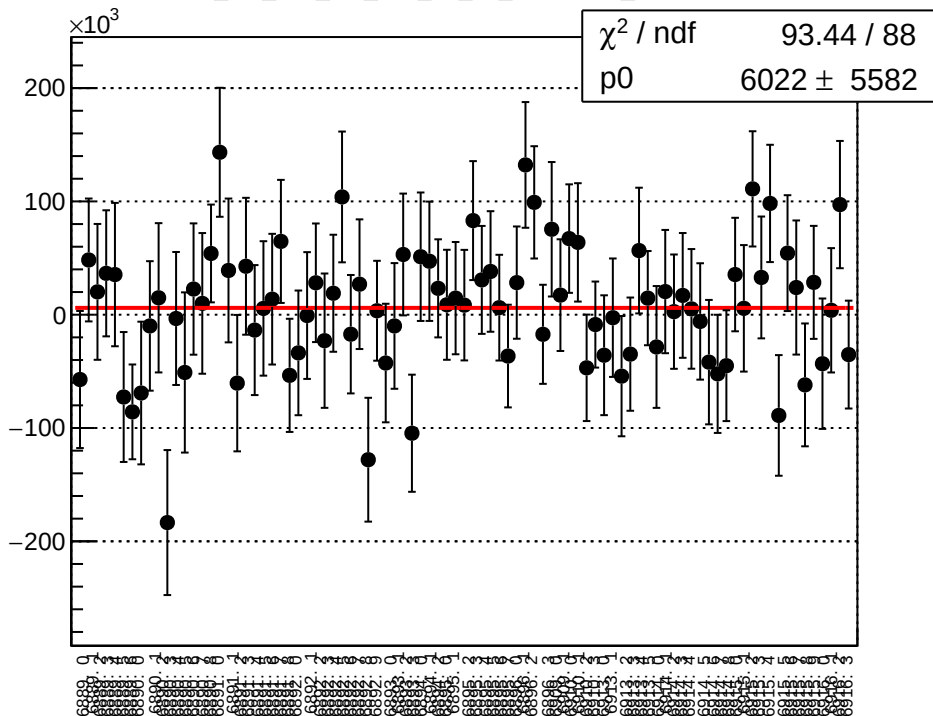
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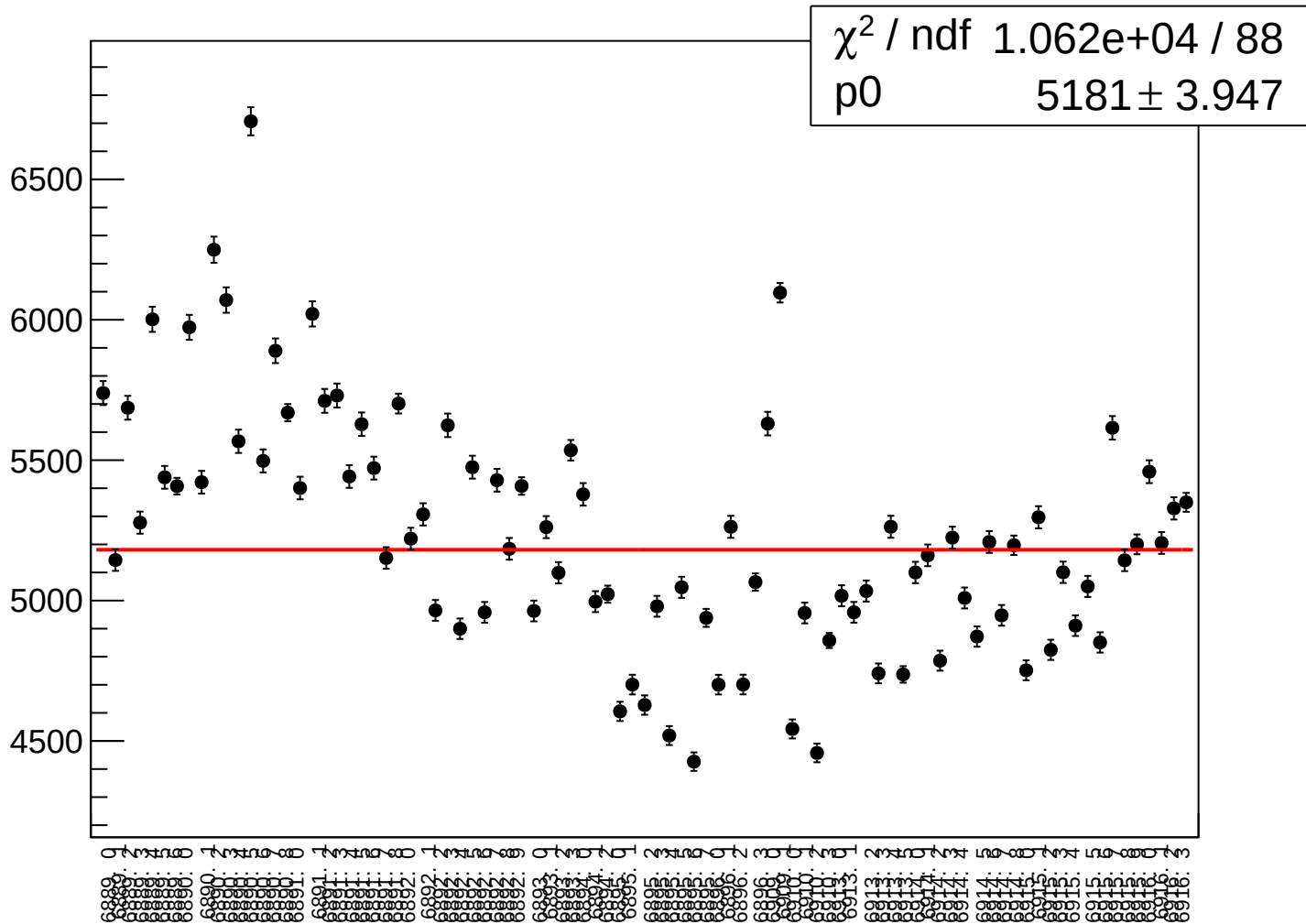
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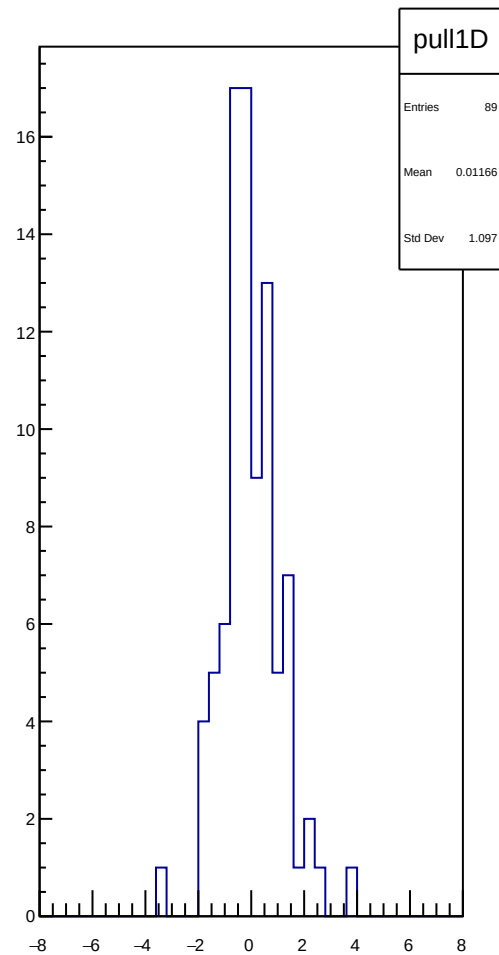
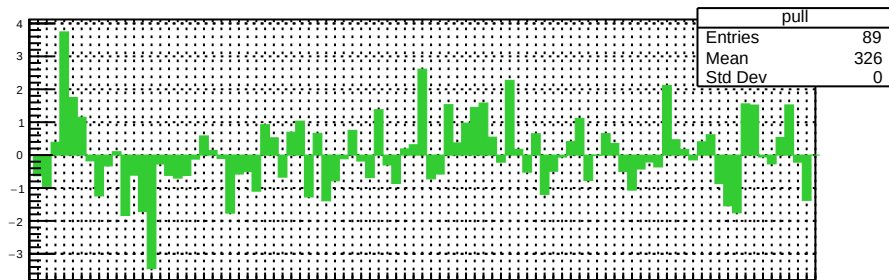
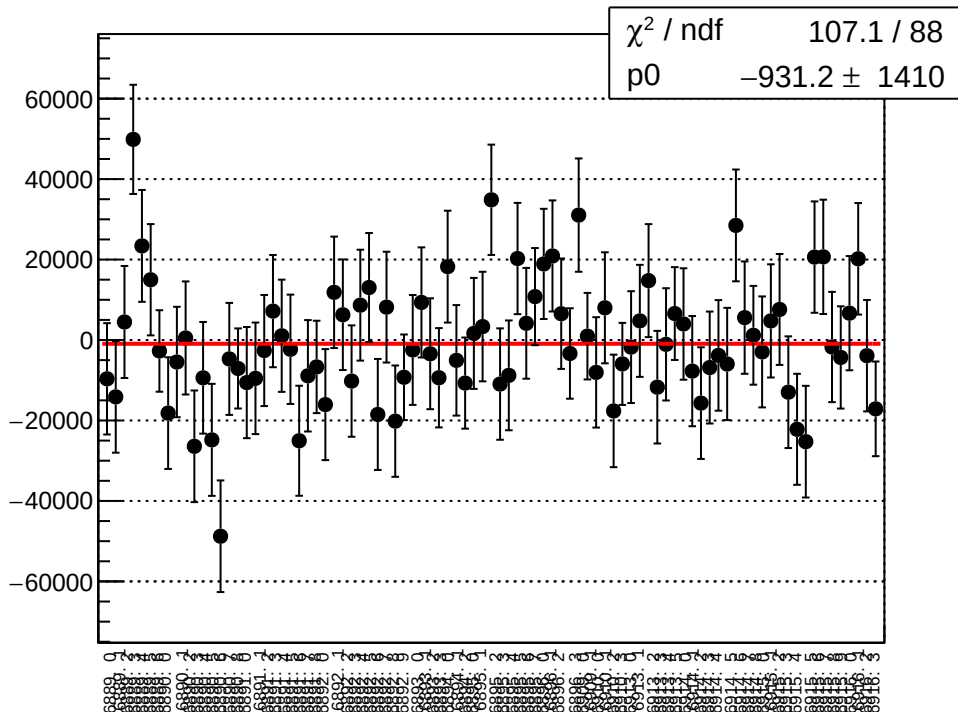
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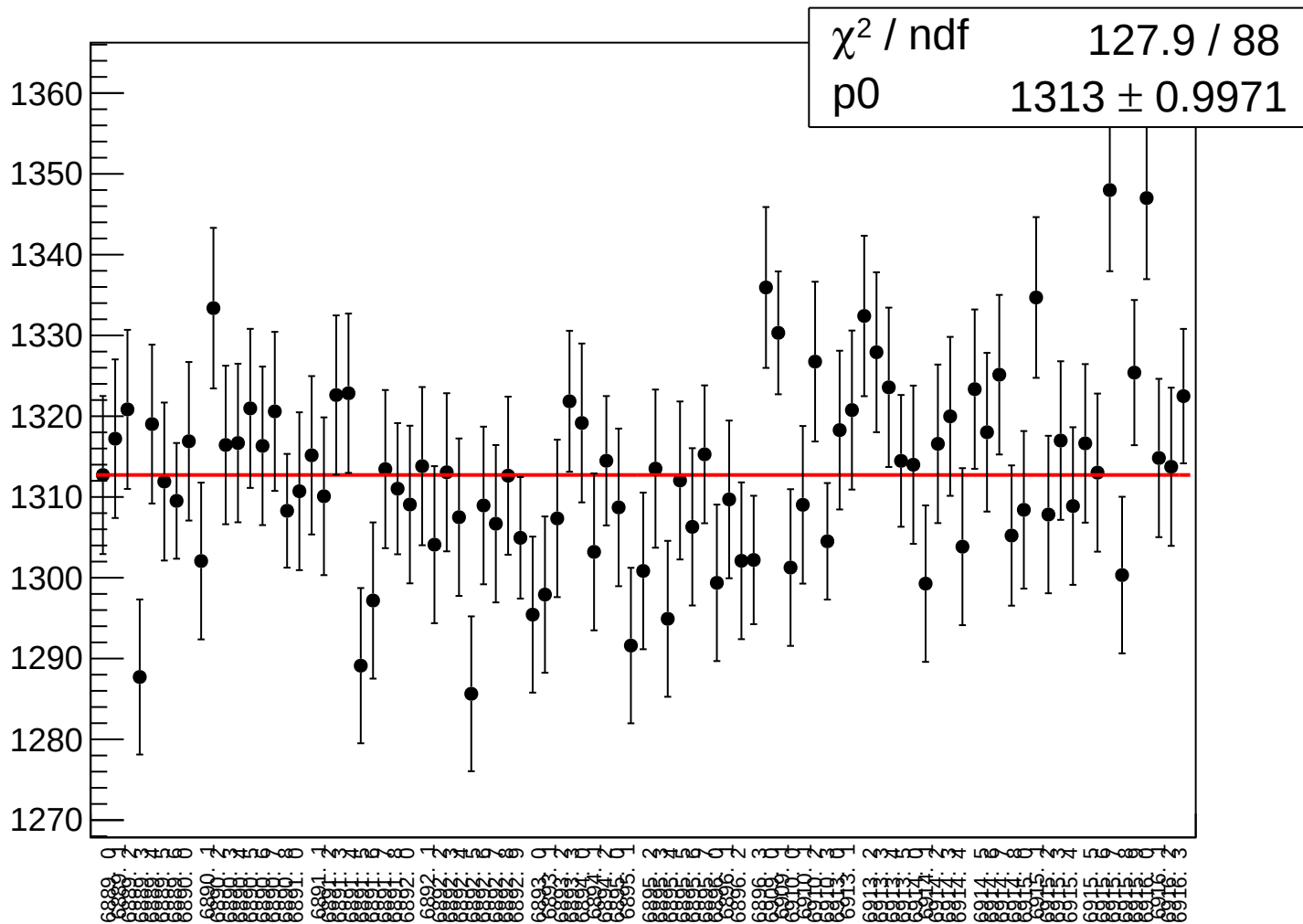
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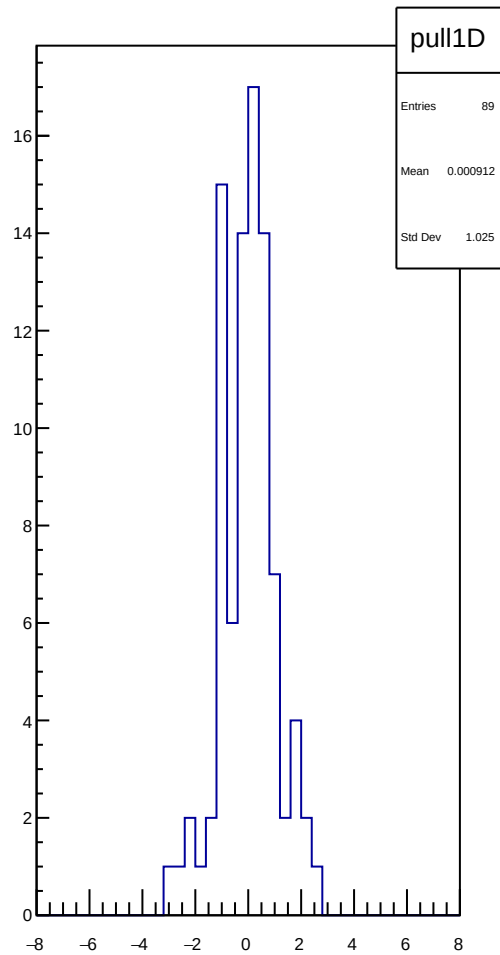
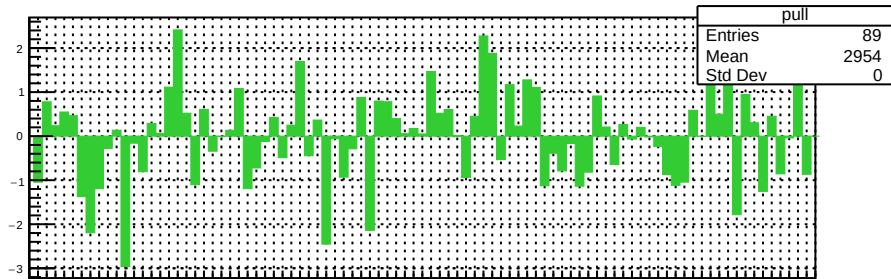
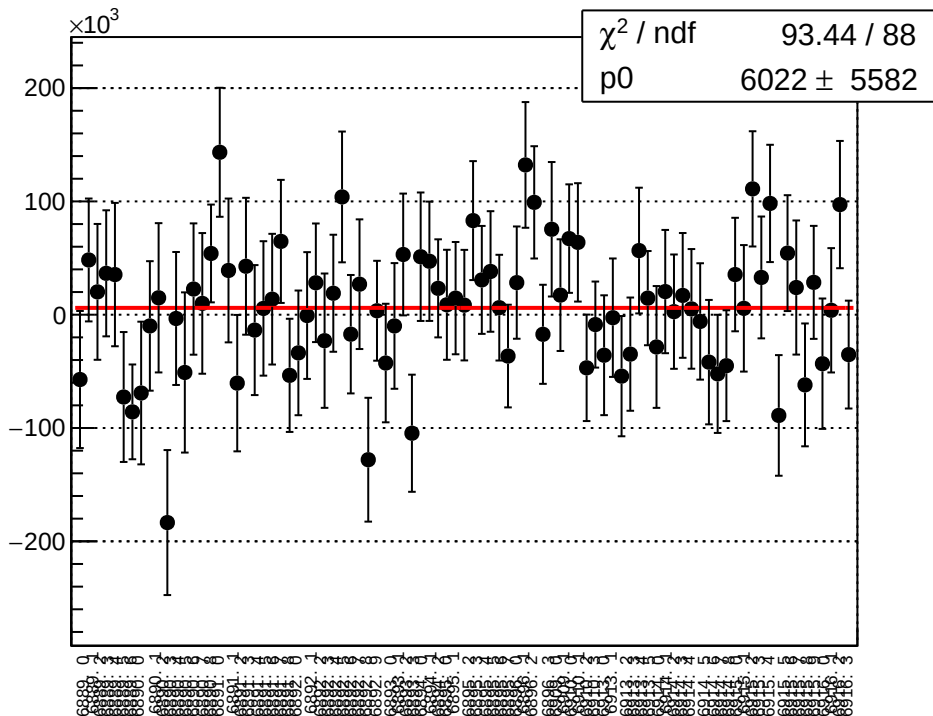
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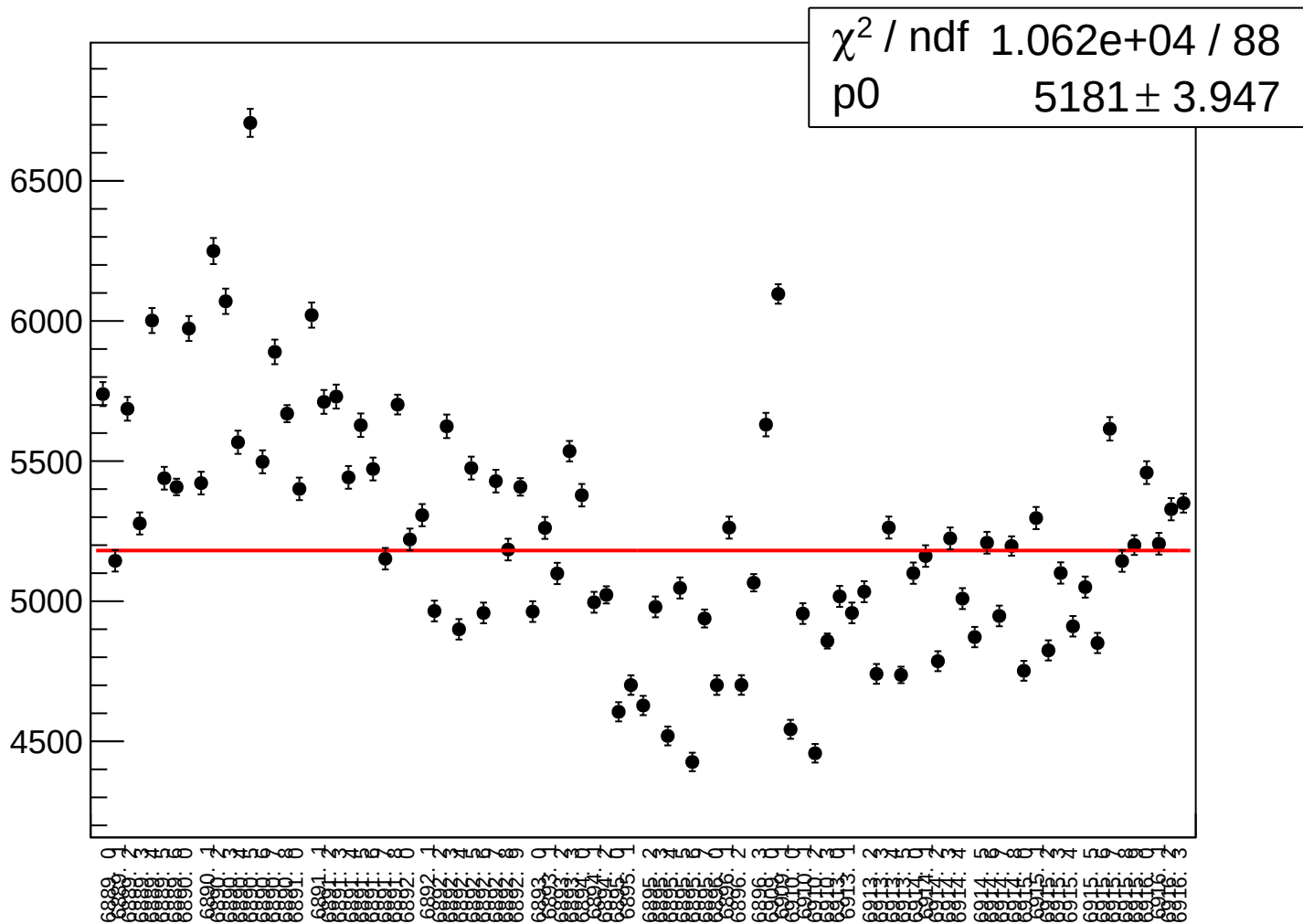
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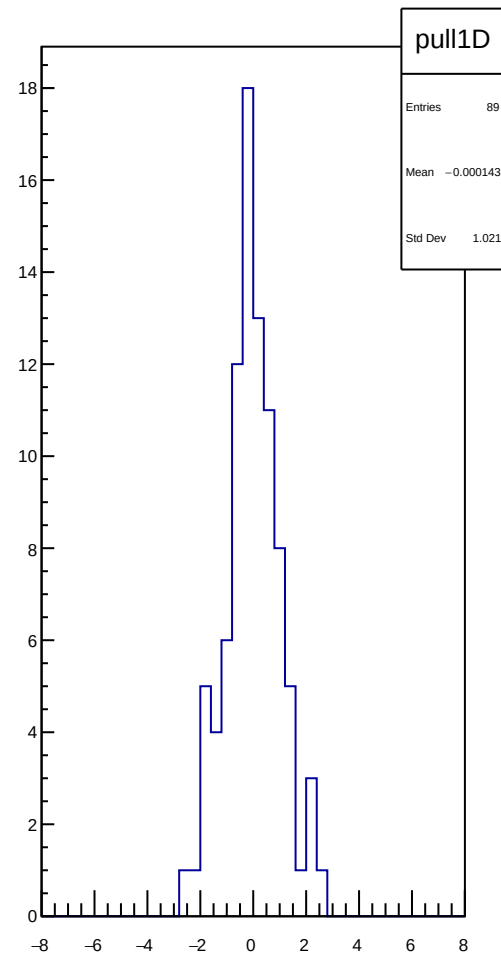
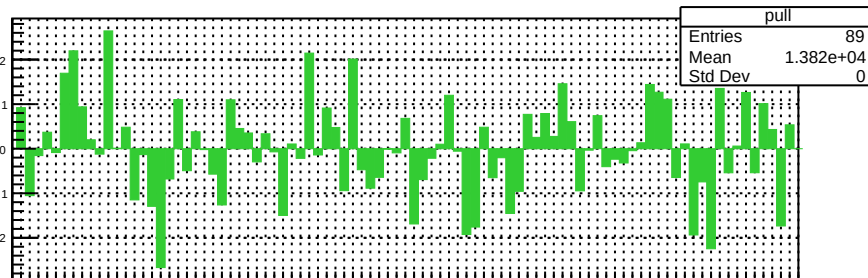
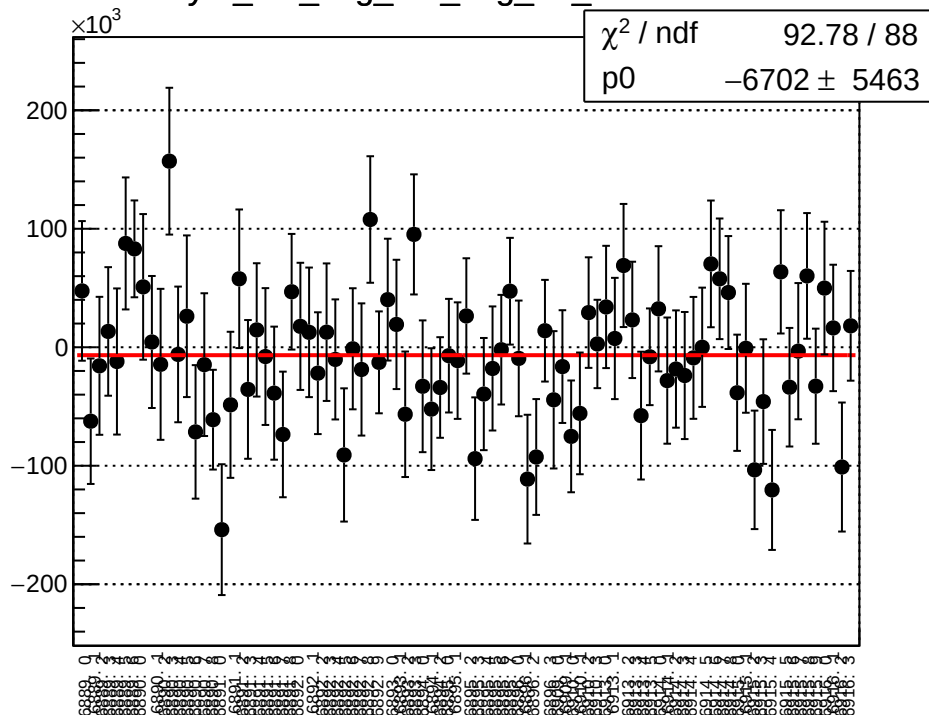
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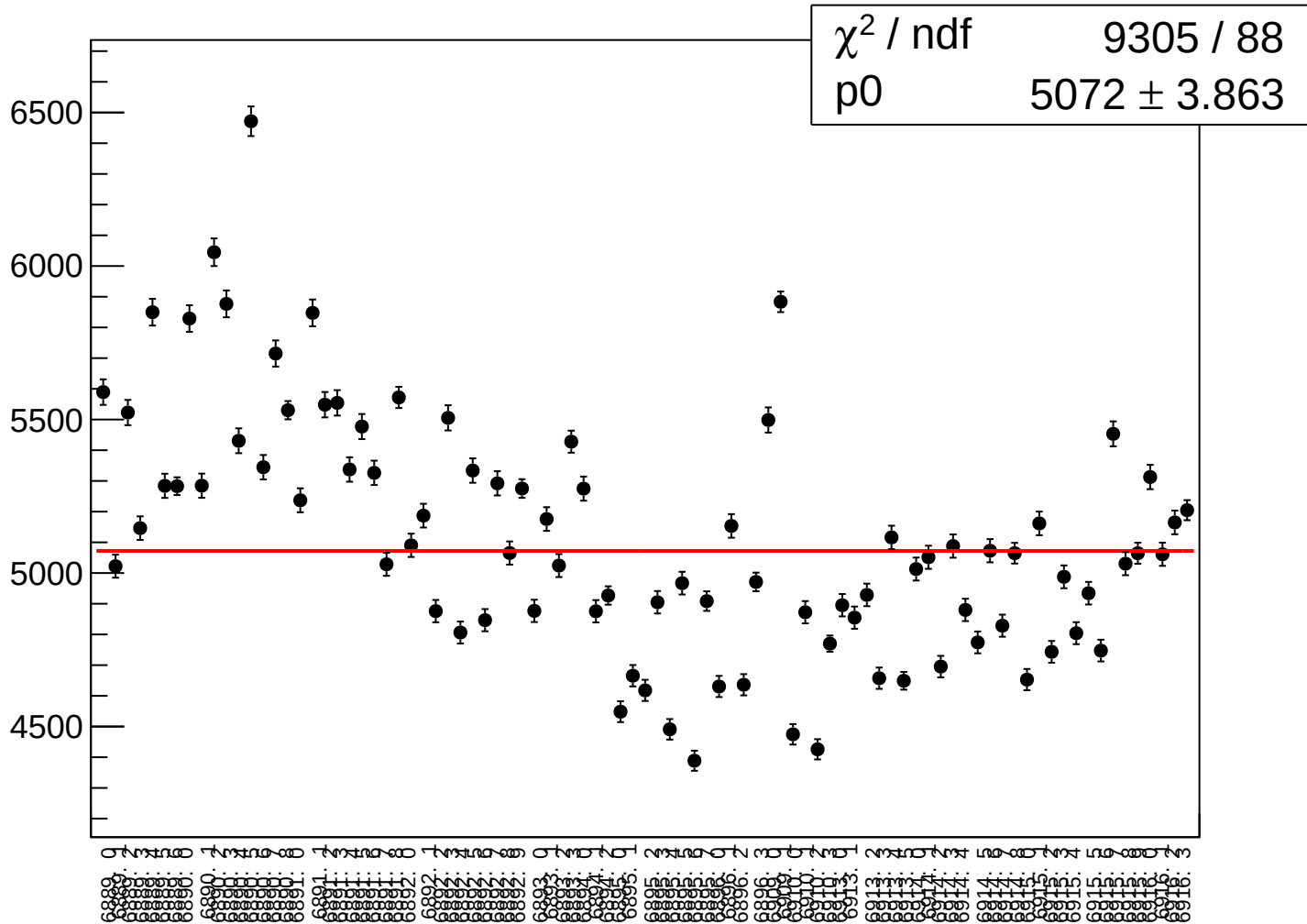
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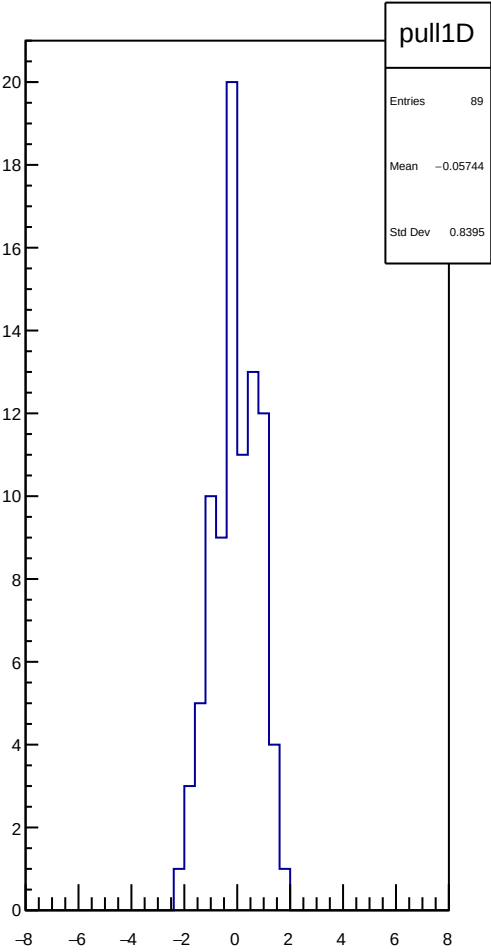
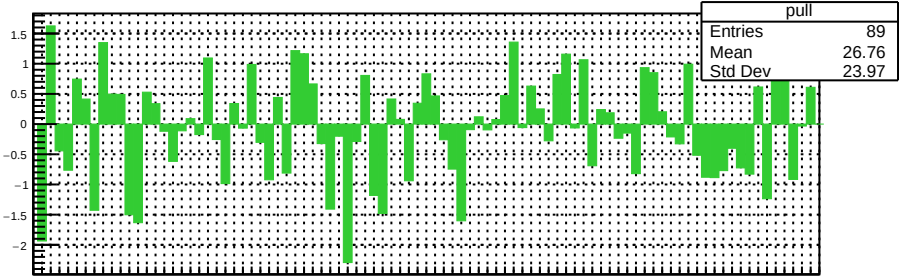
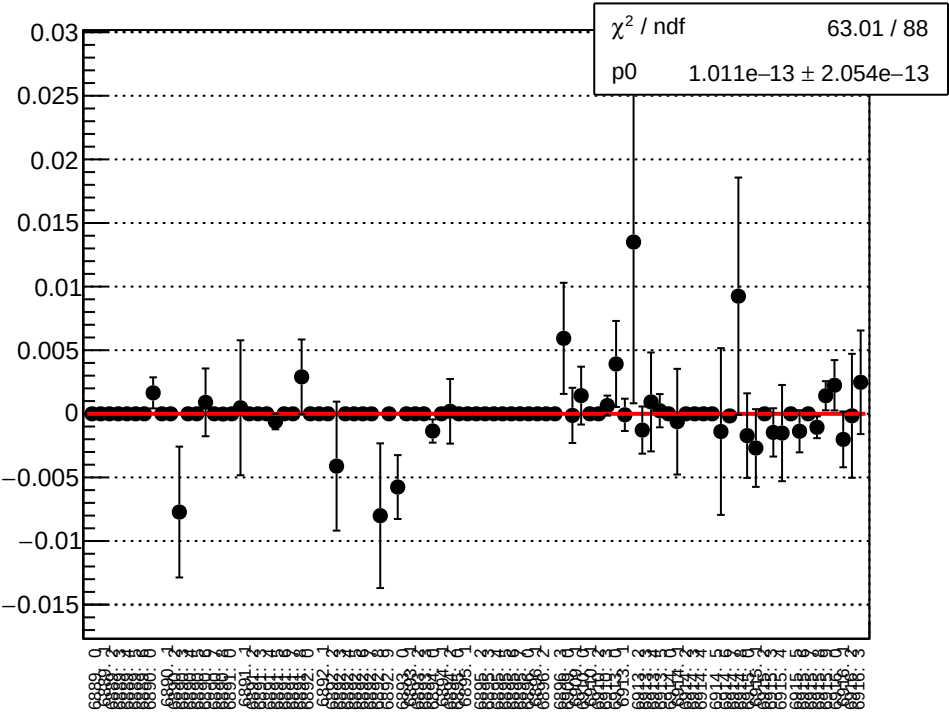
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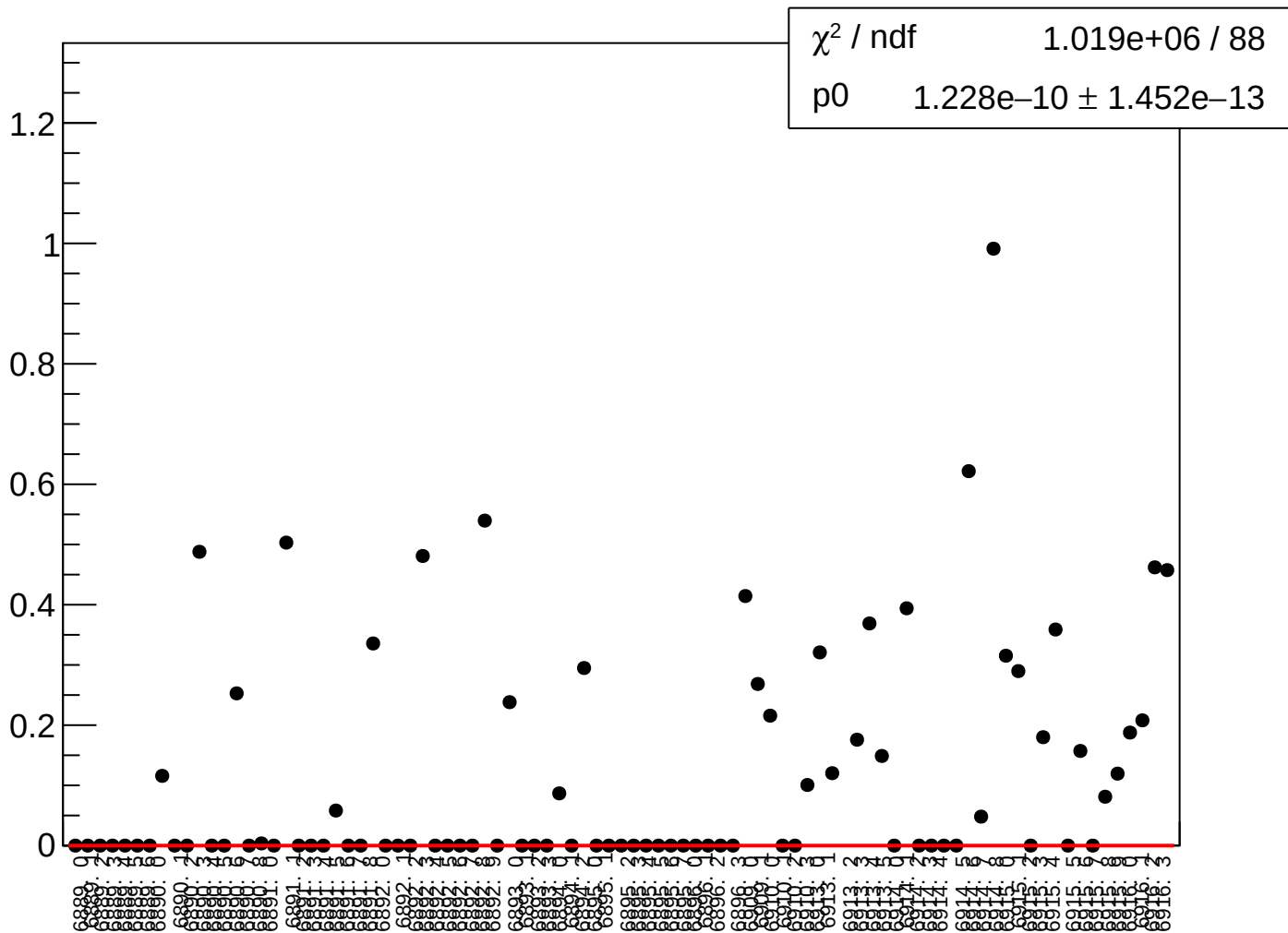
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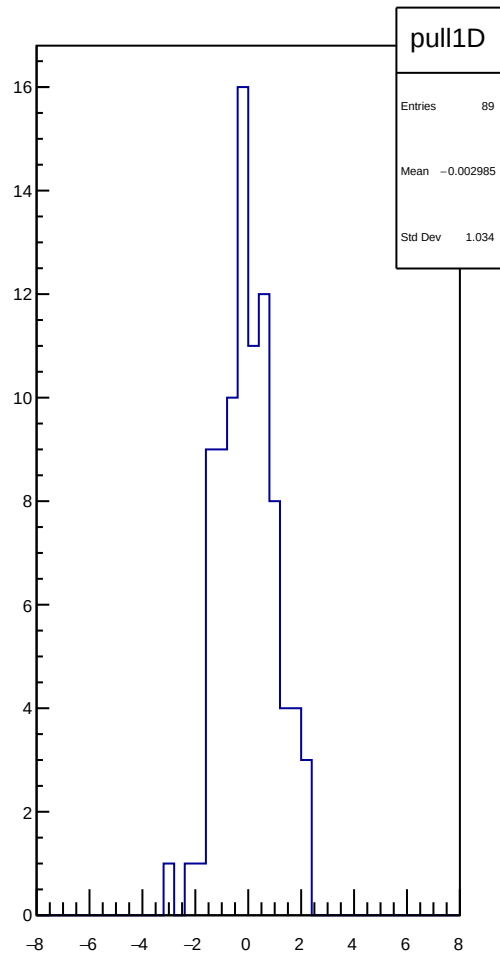
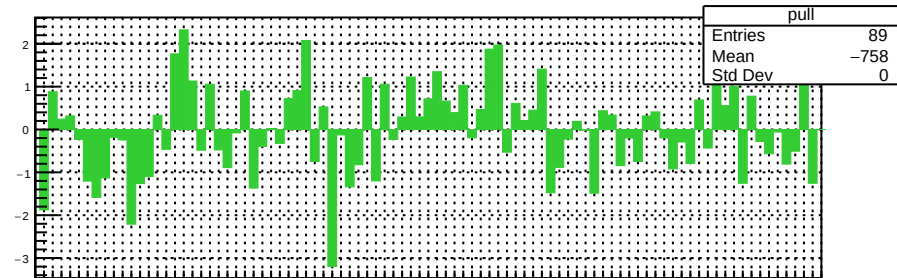
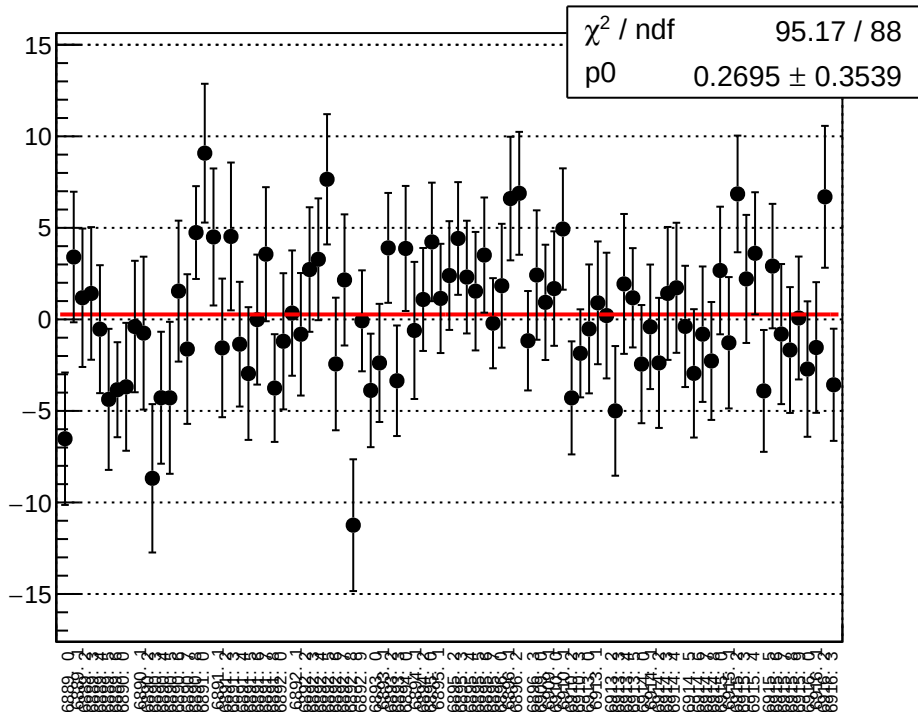
asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_mean vs run



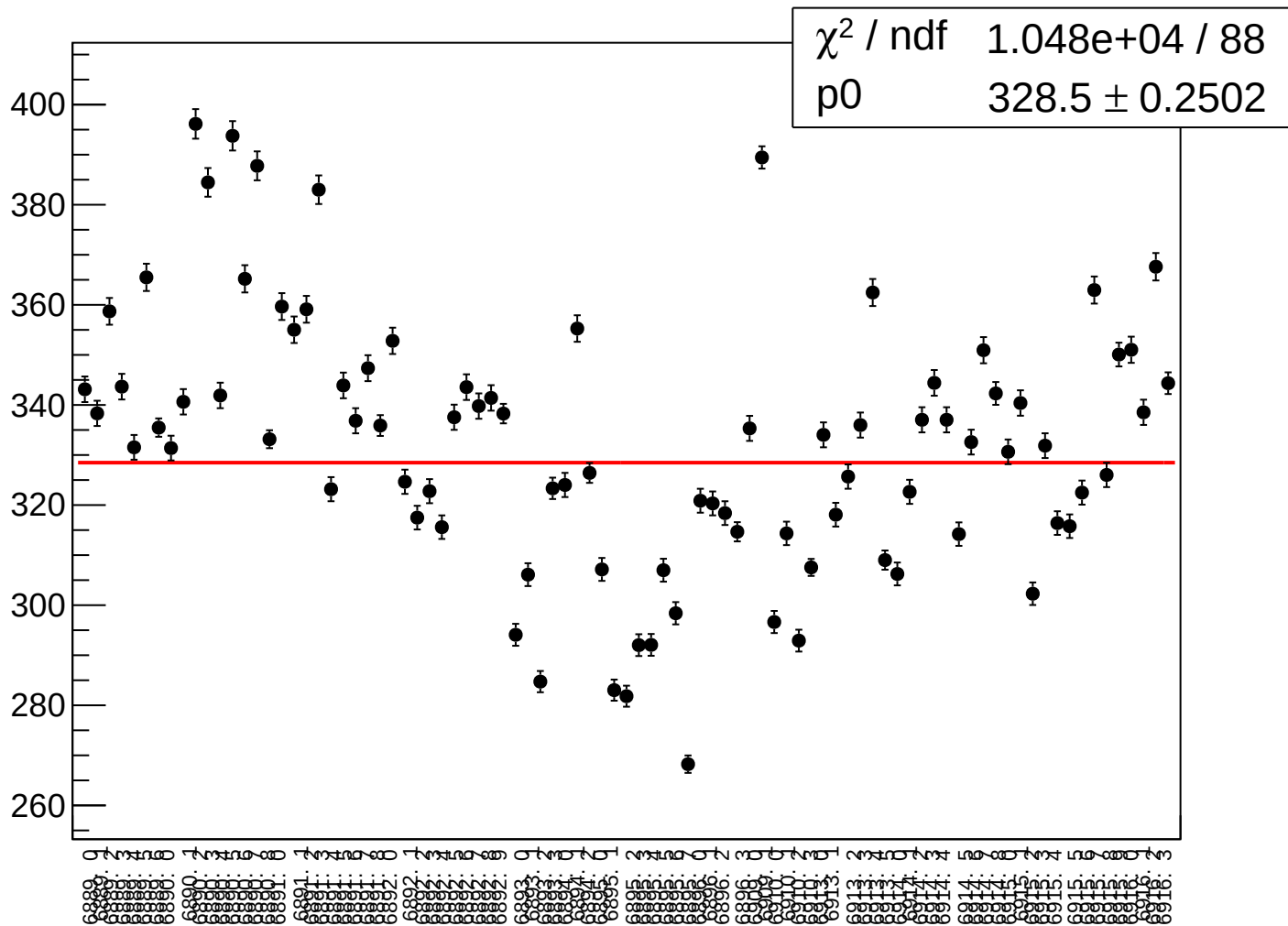
asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs run



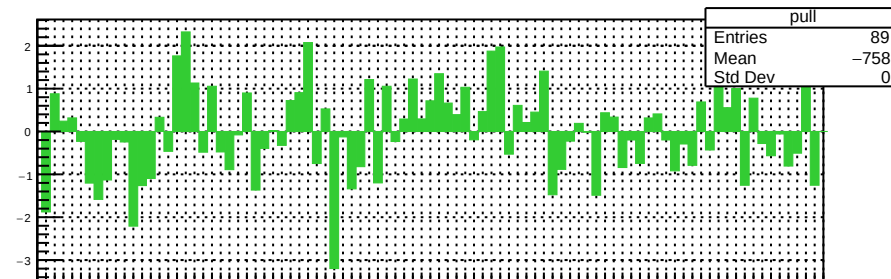
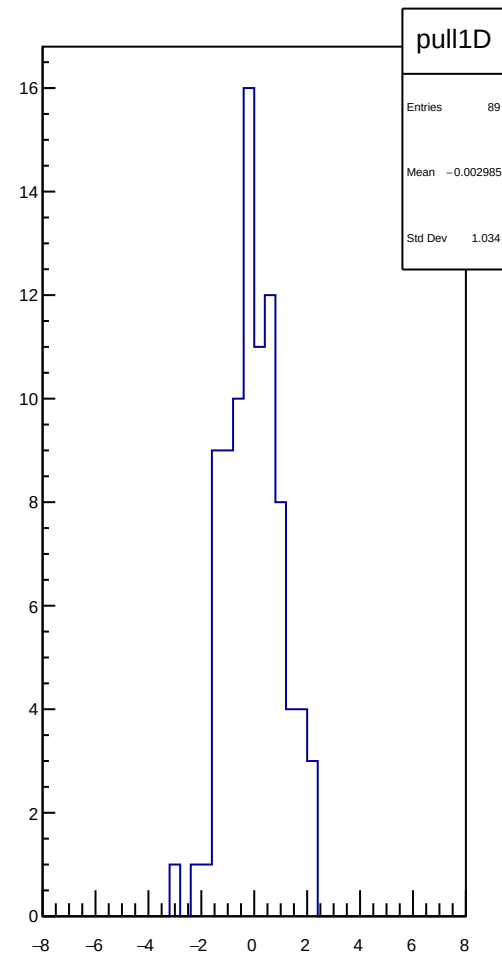
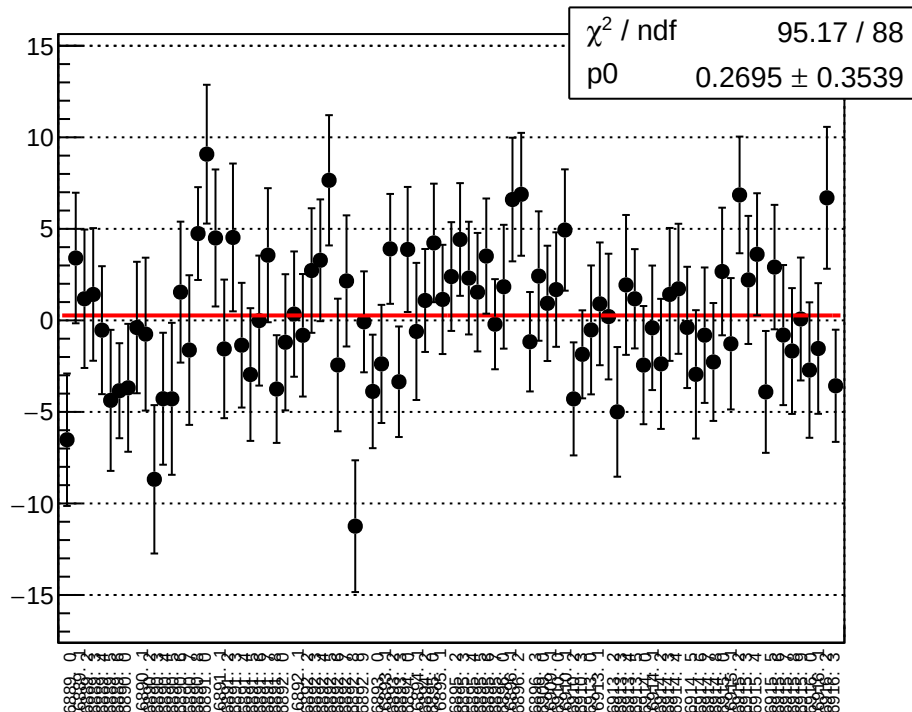
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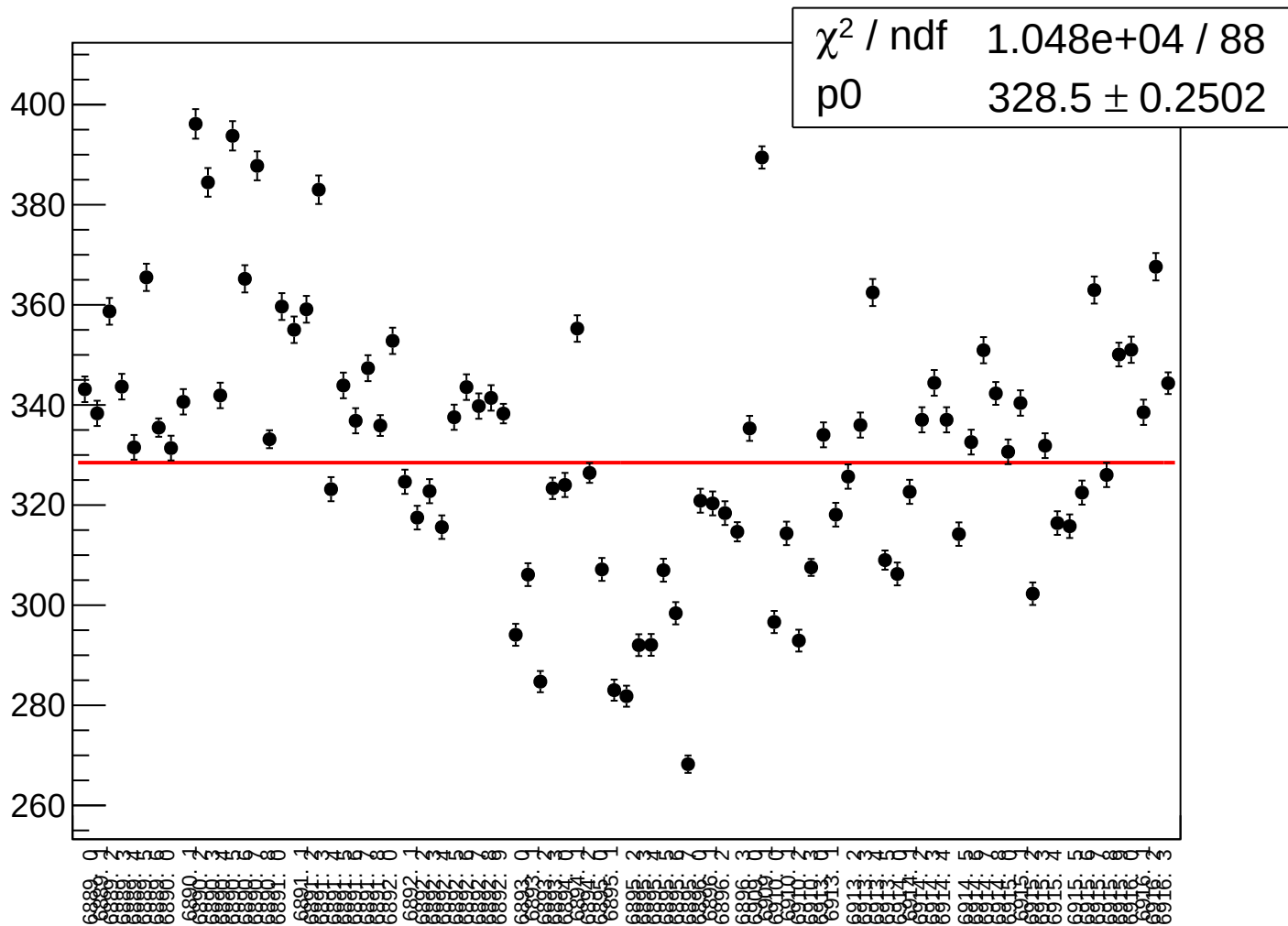
asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs run



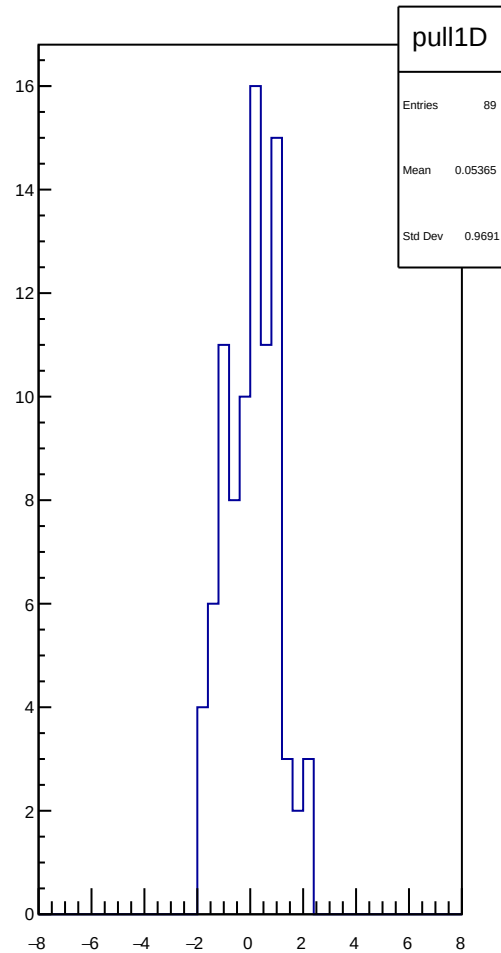
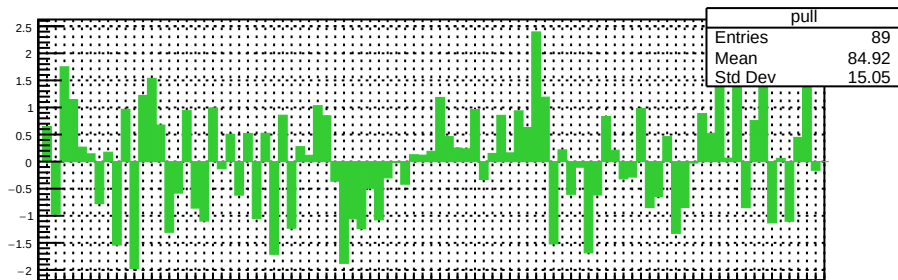
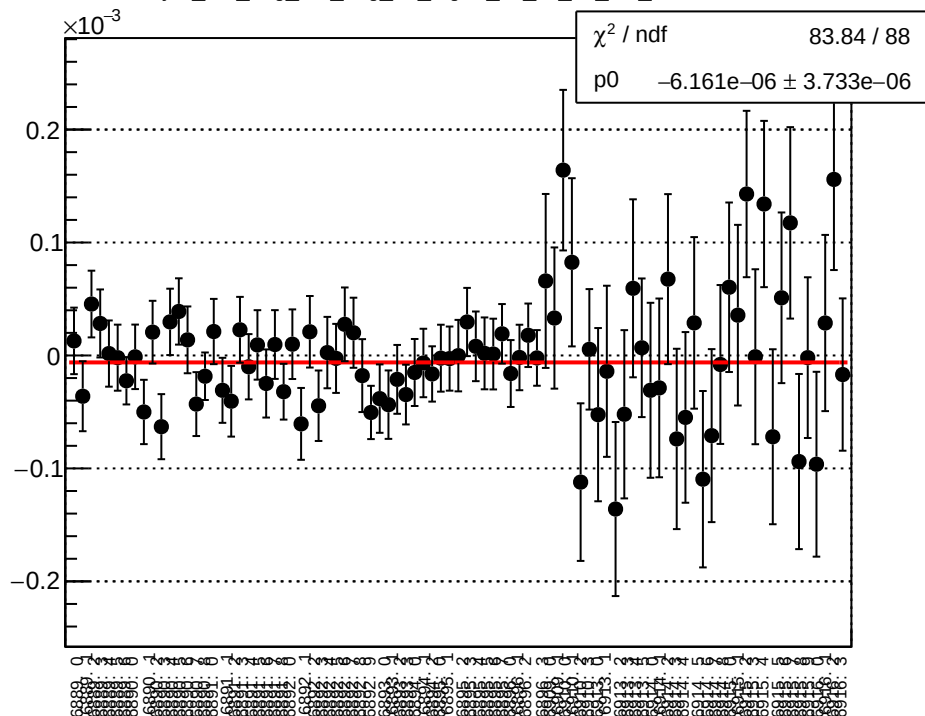
asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs run



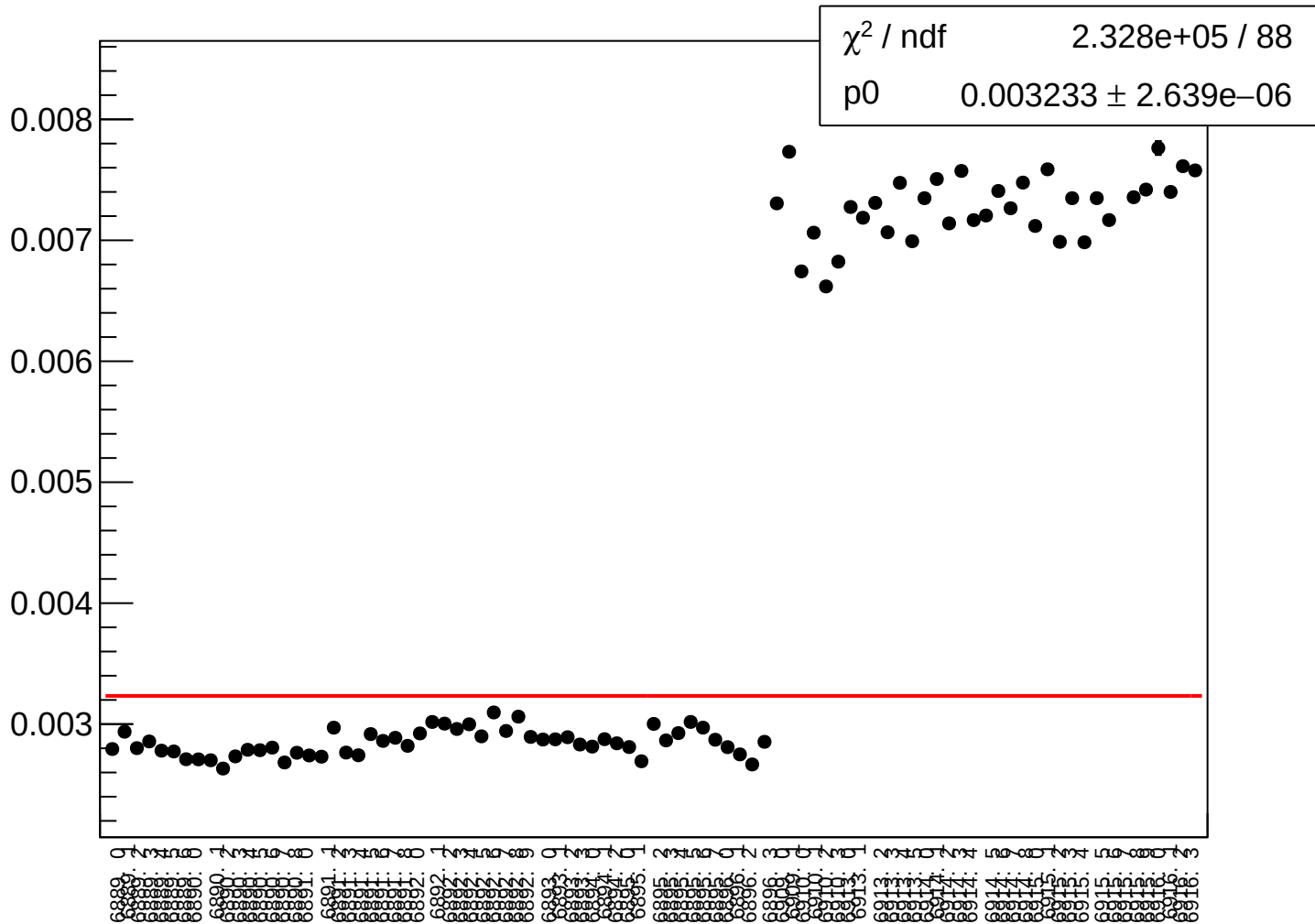
asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs run



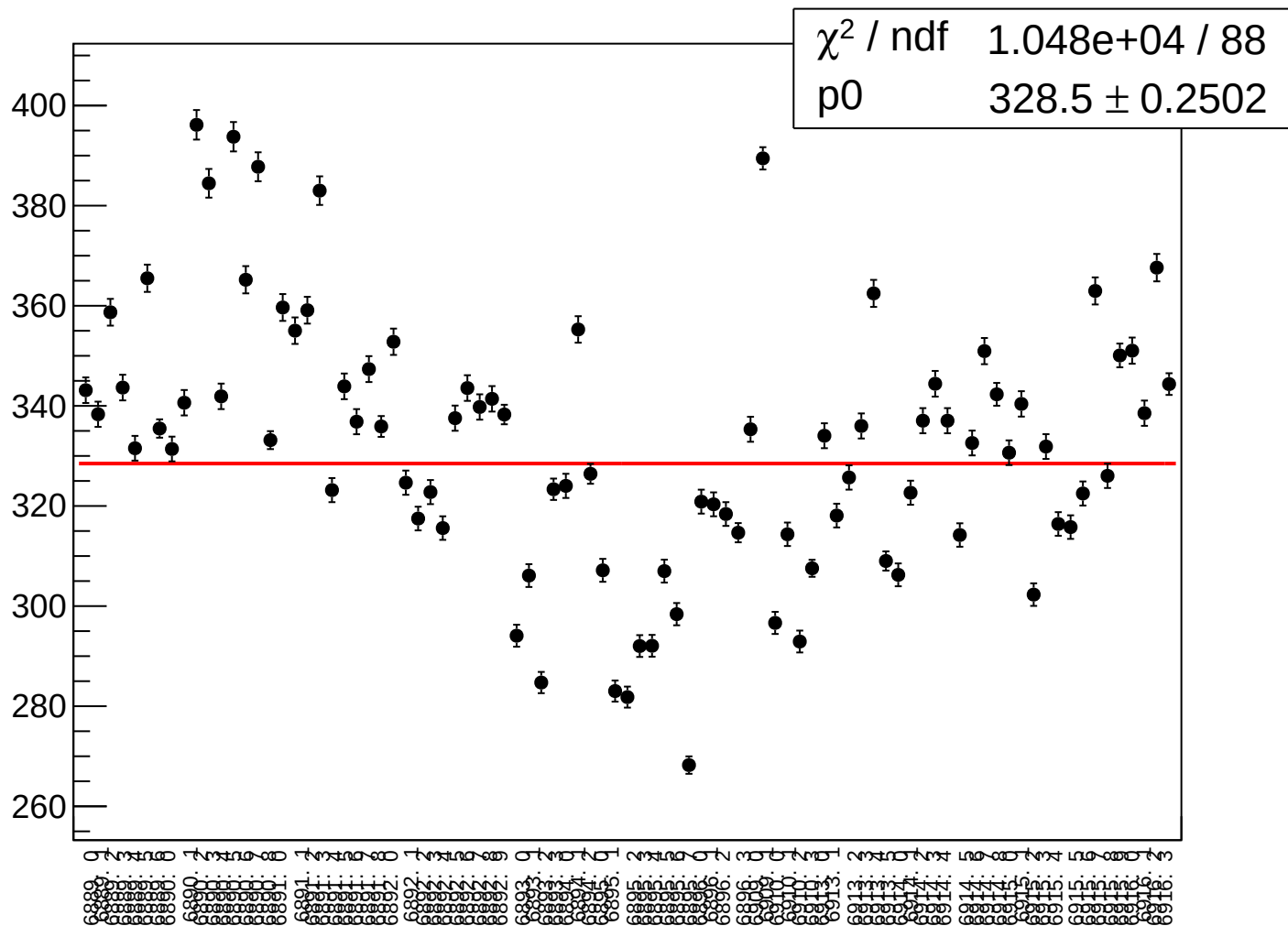
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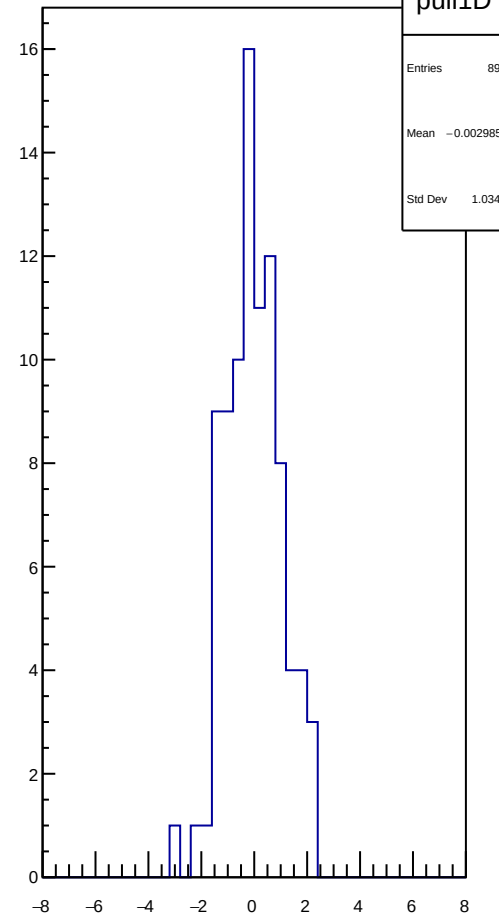
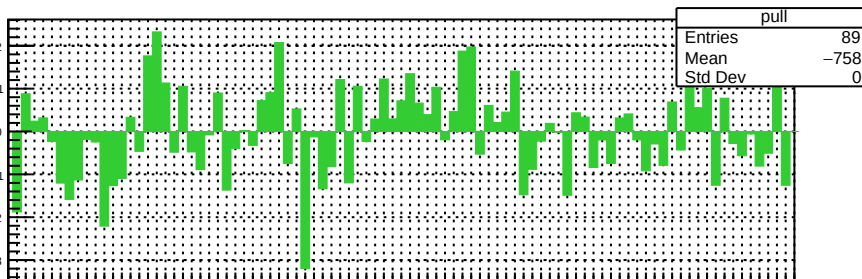
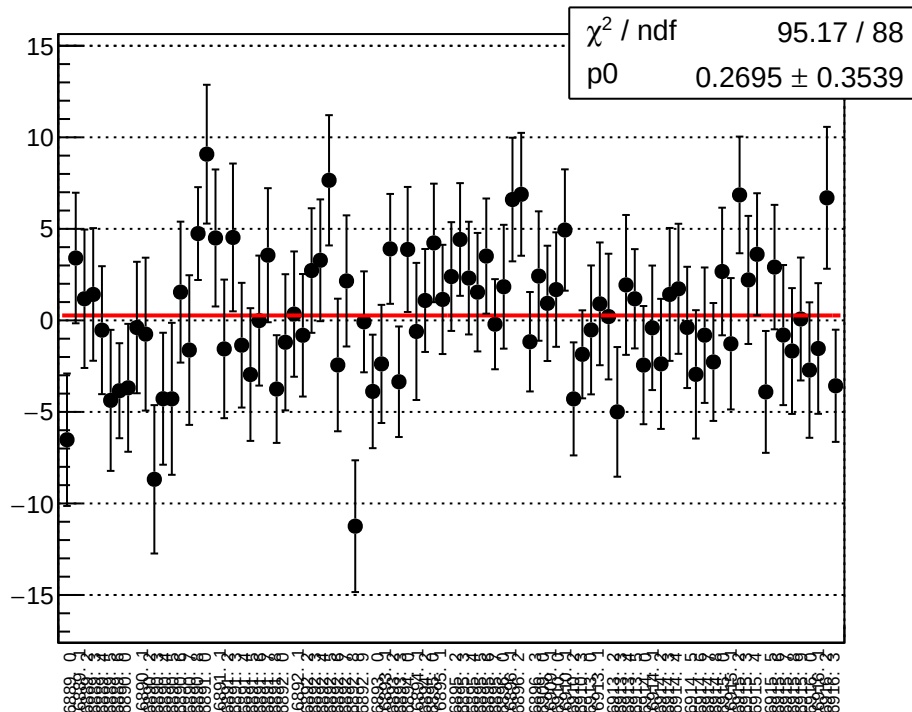
asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs run



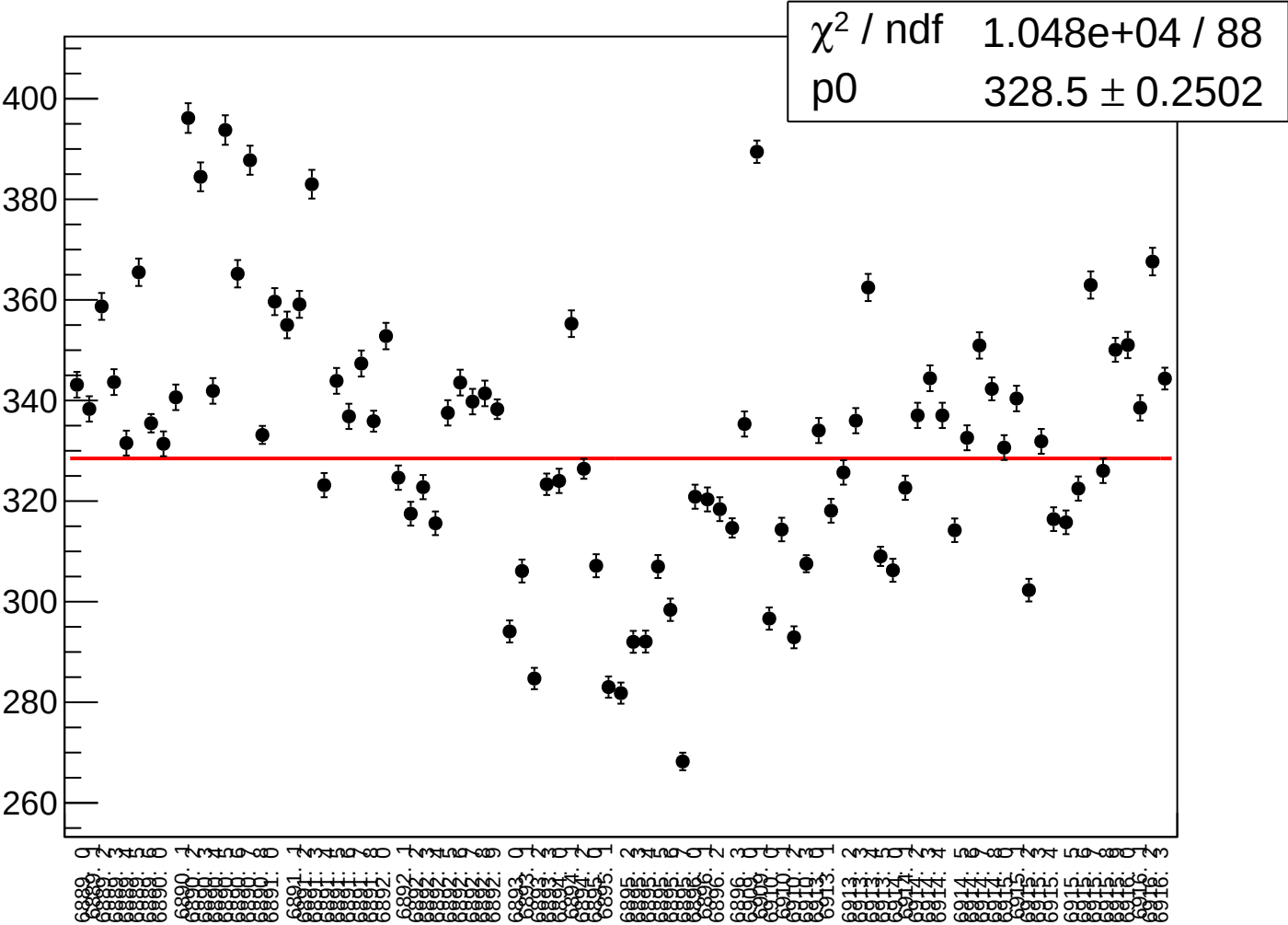
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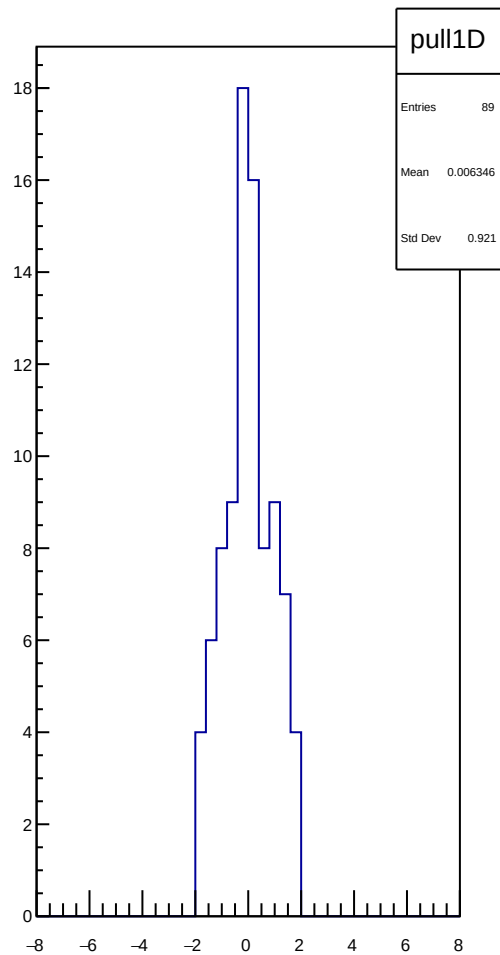
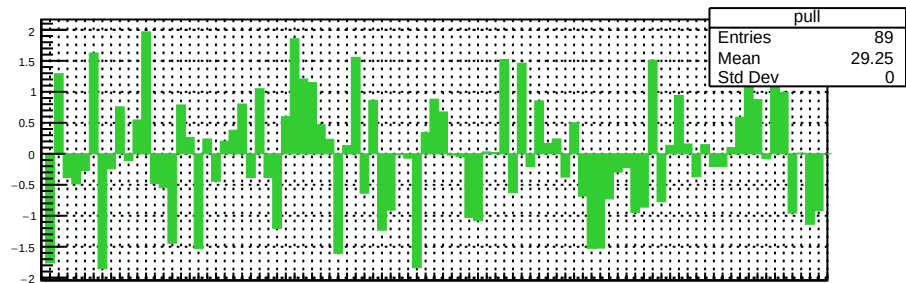
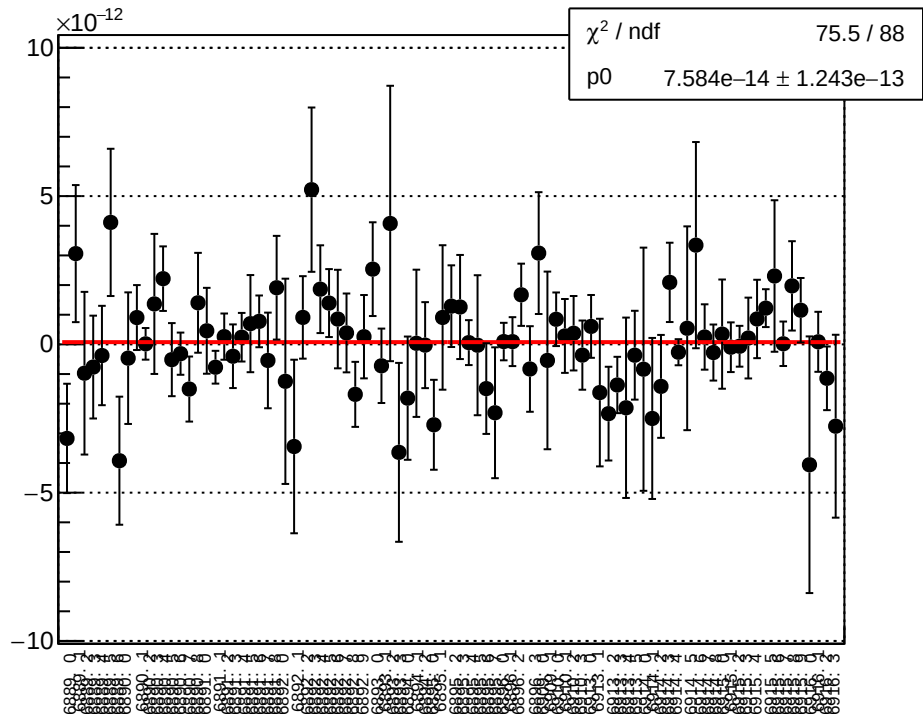
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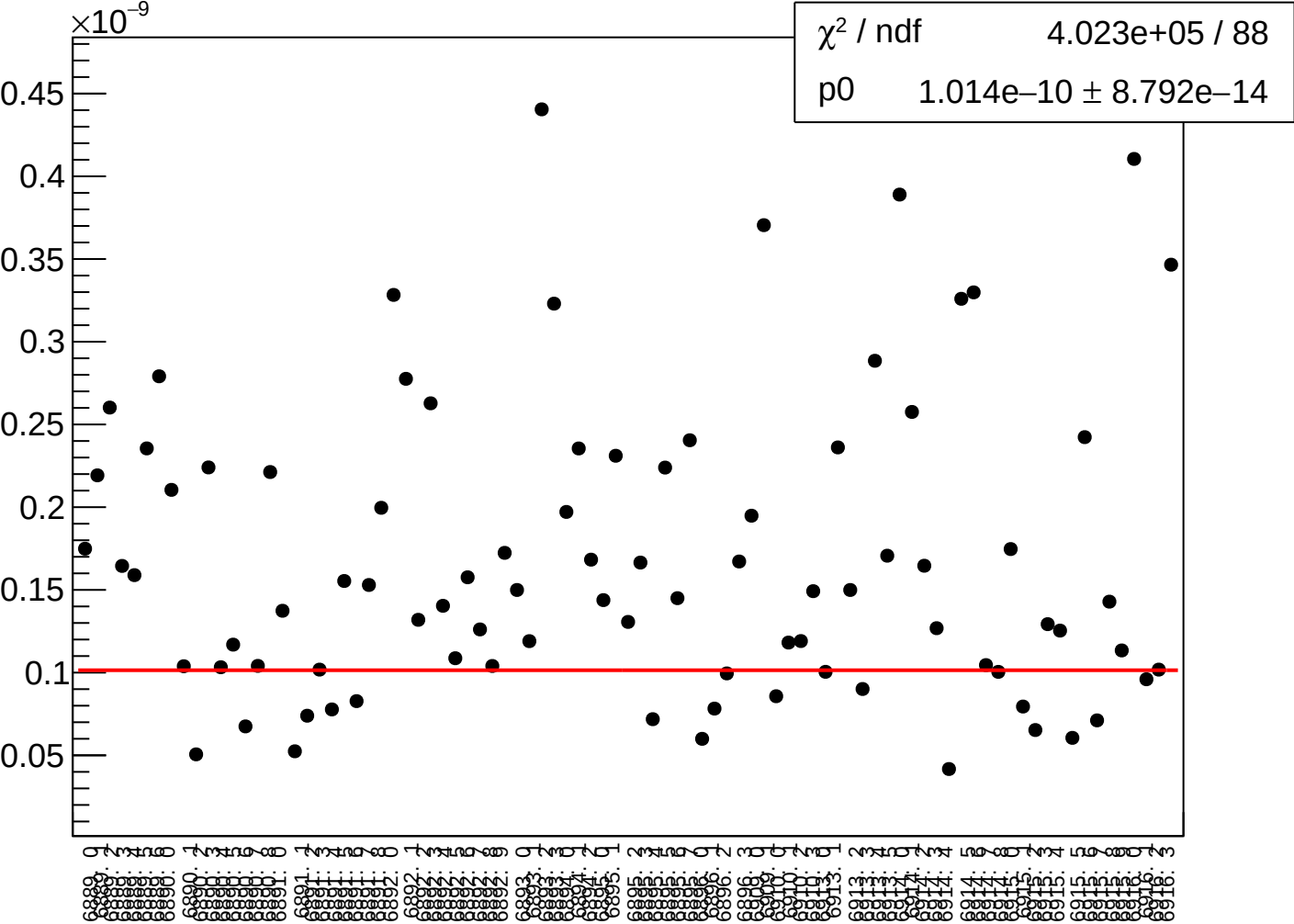
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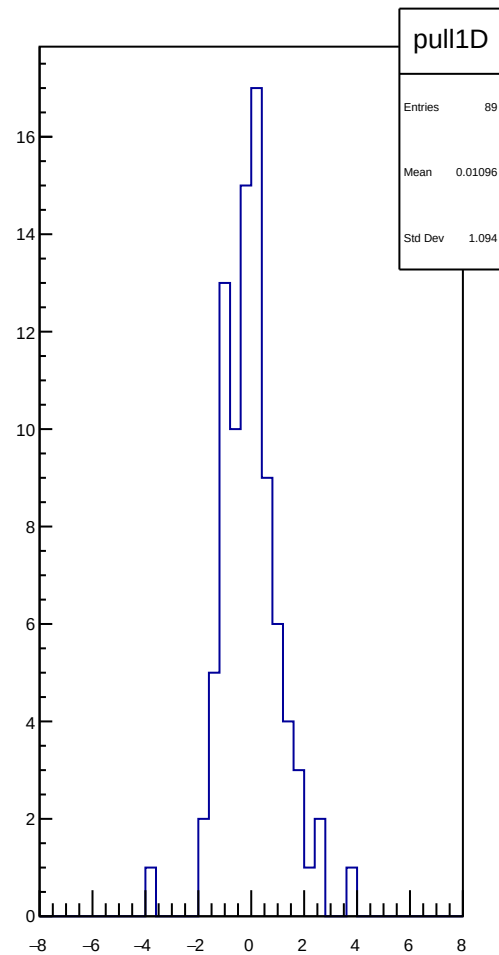
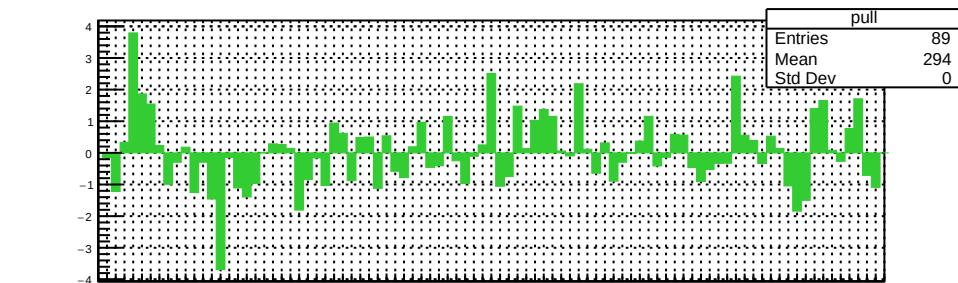
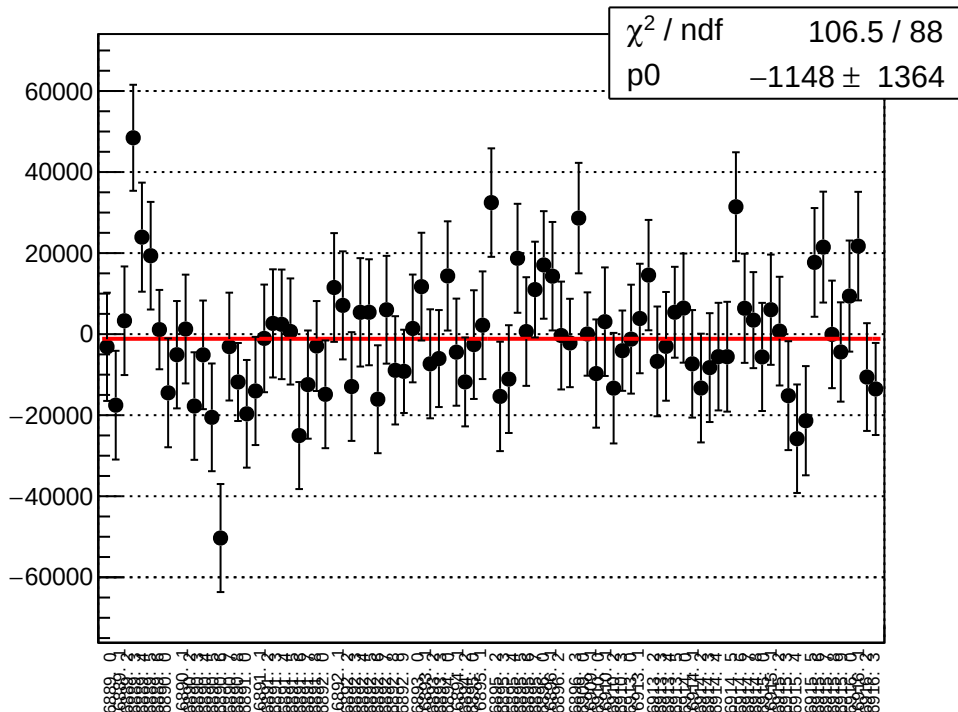
asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_mean vs run



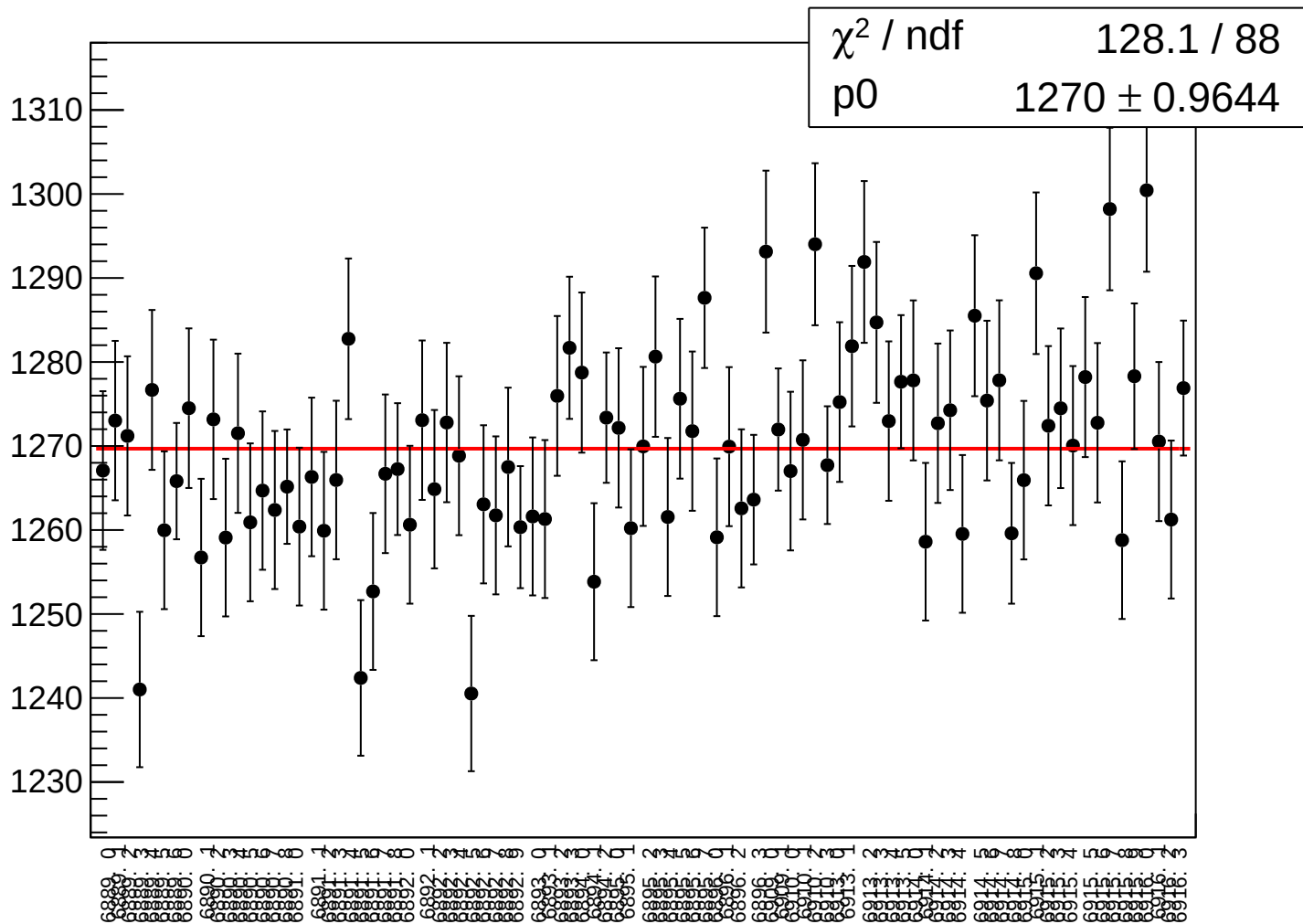
asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_rms vs run



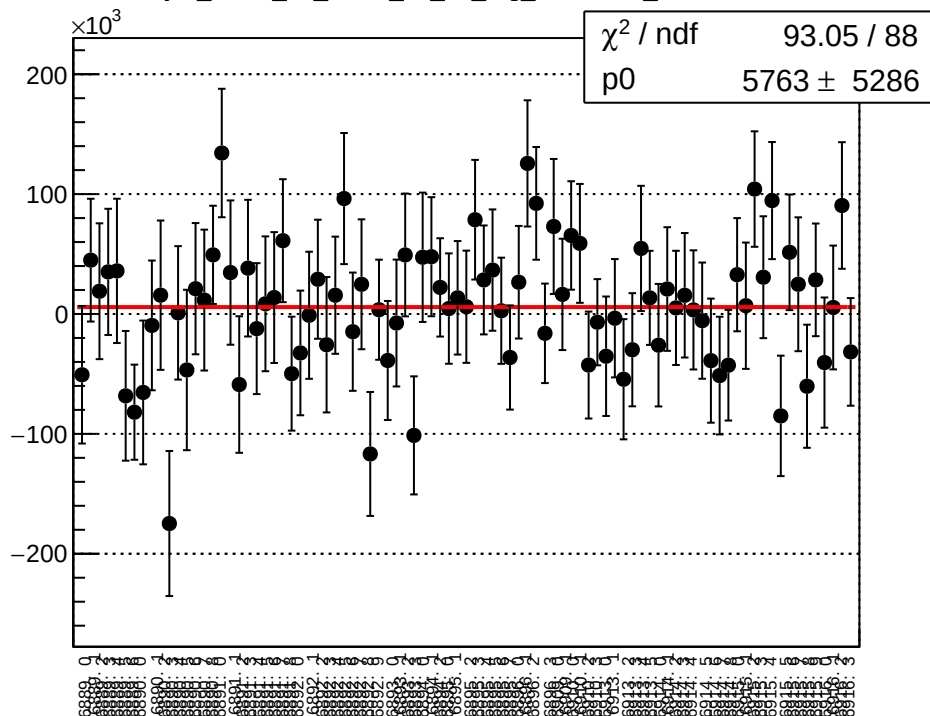
reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs run



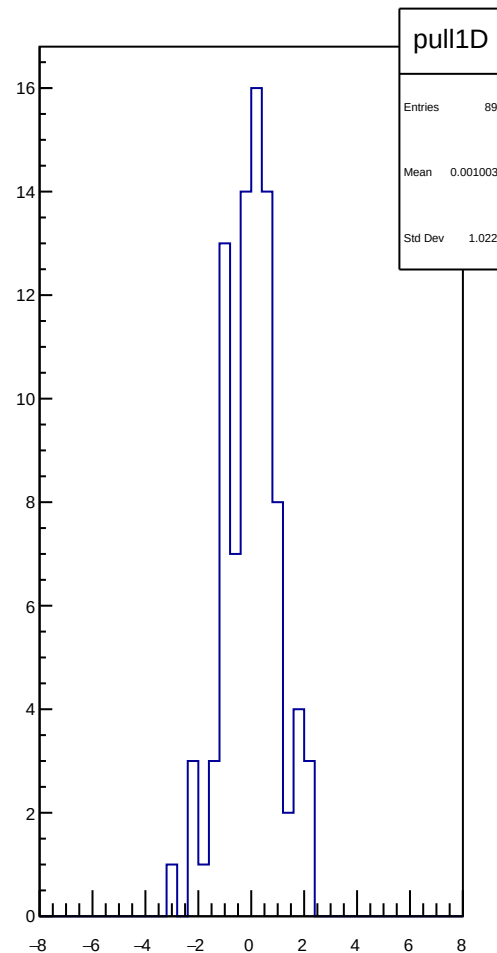
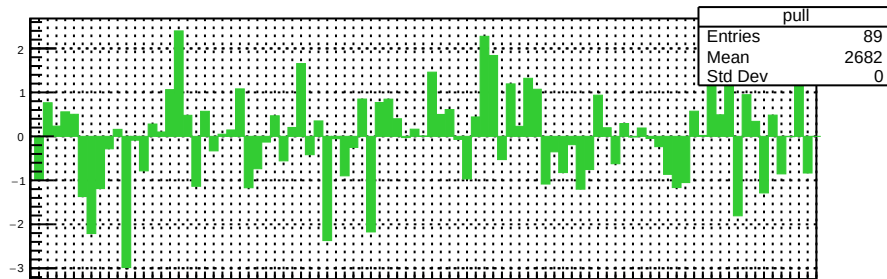
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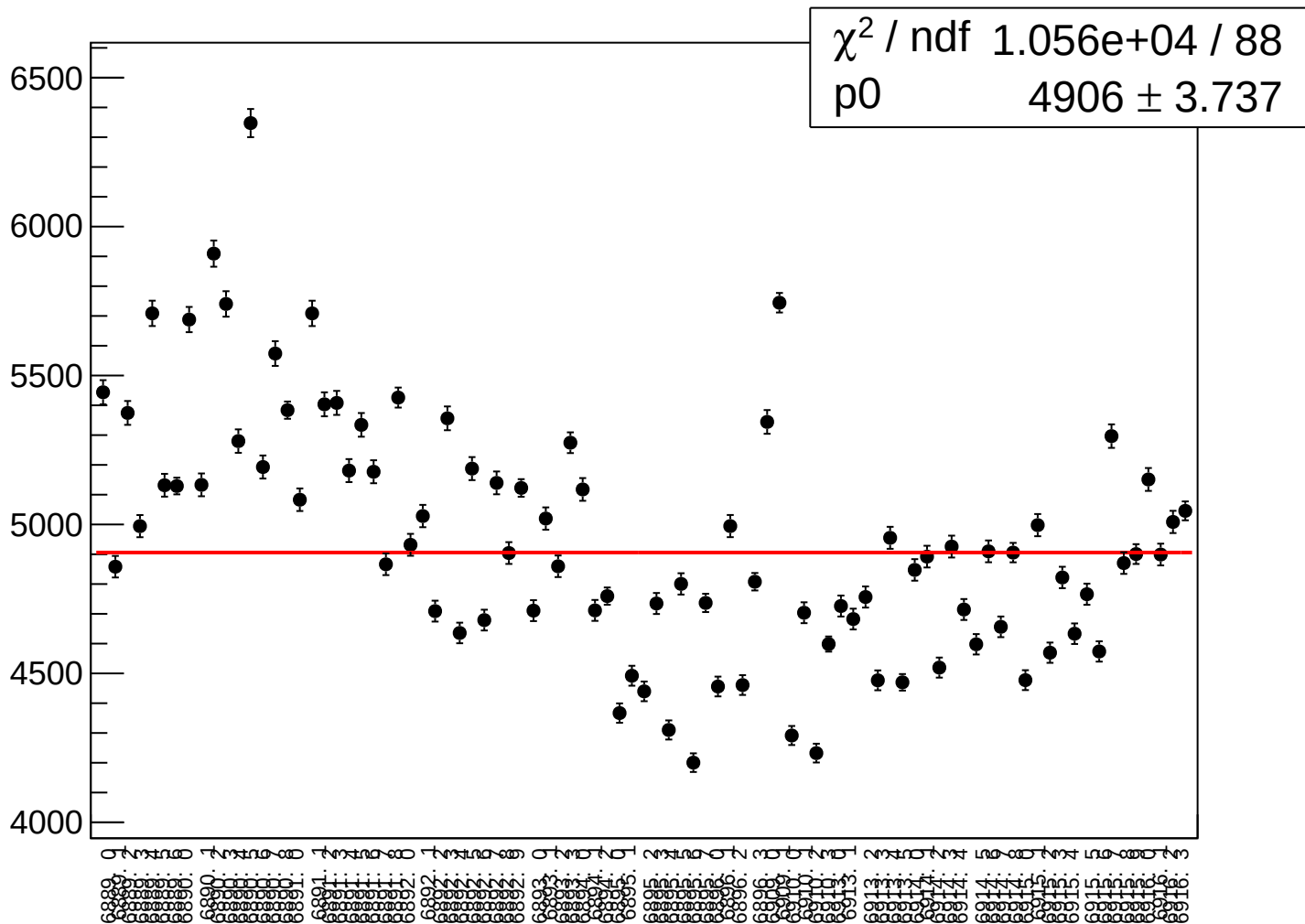
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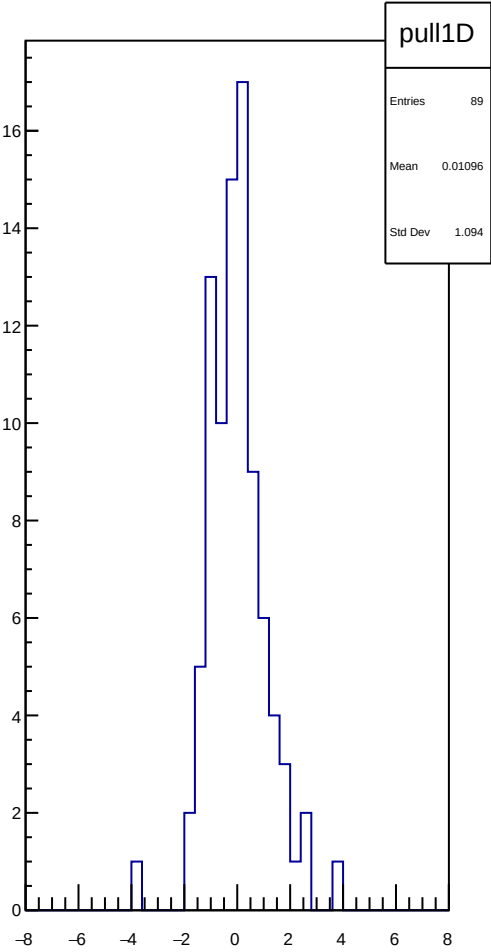
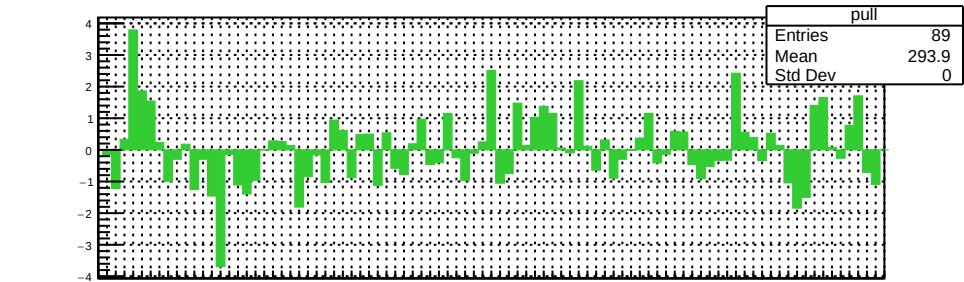
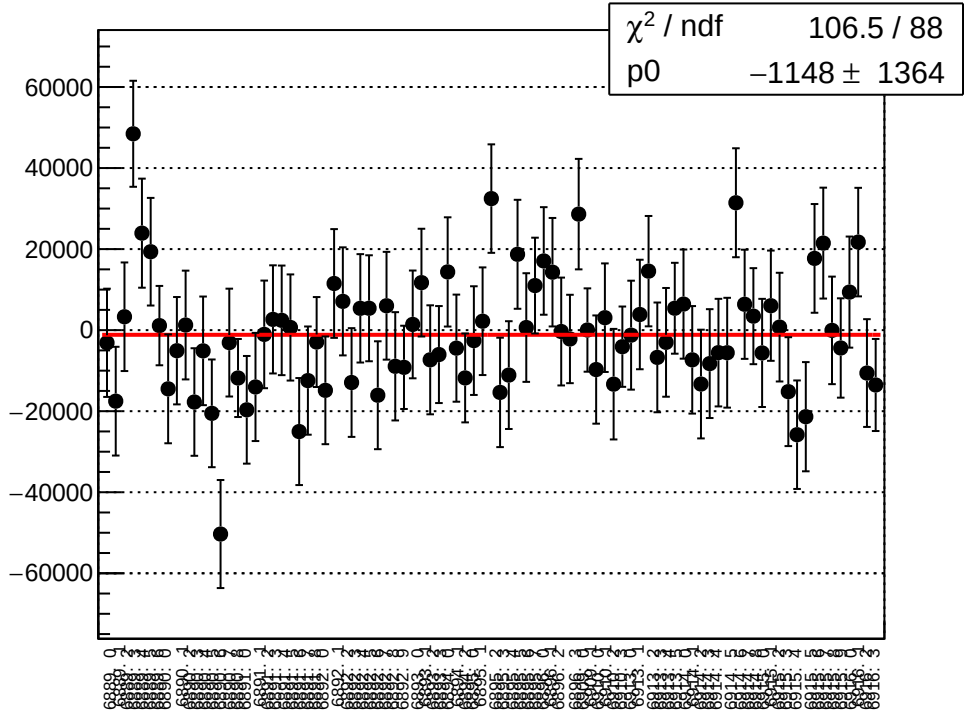
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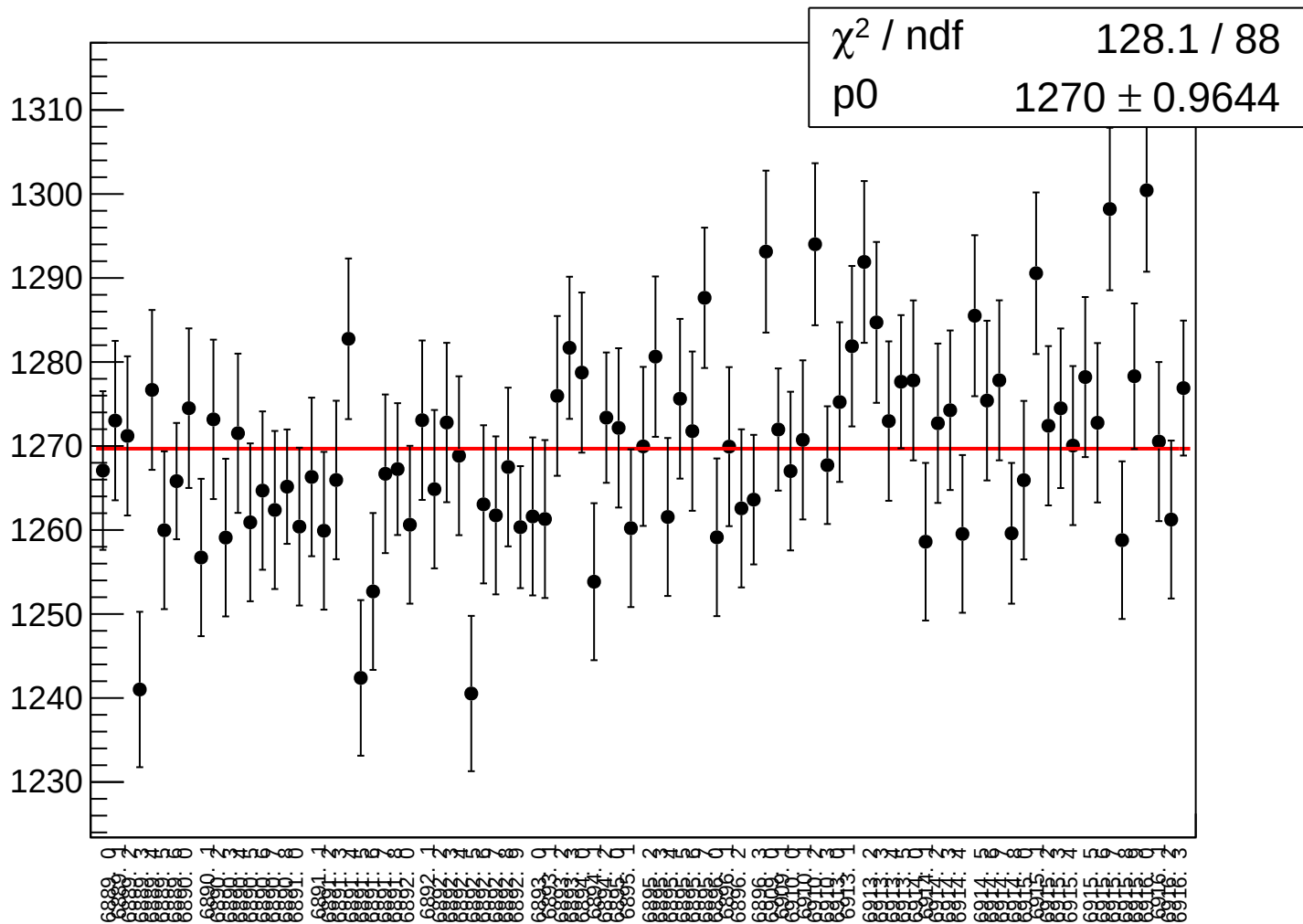
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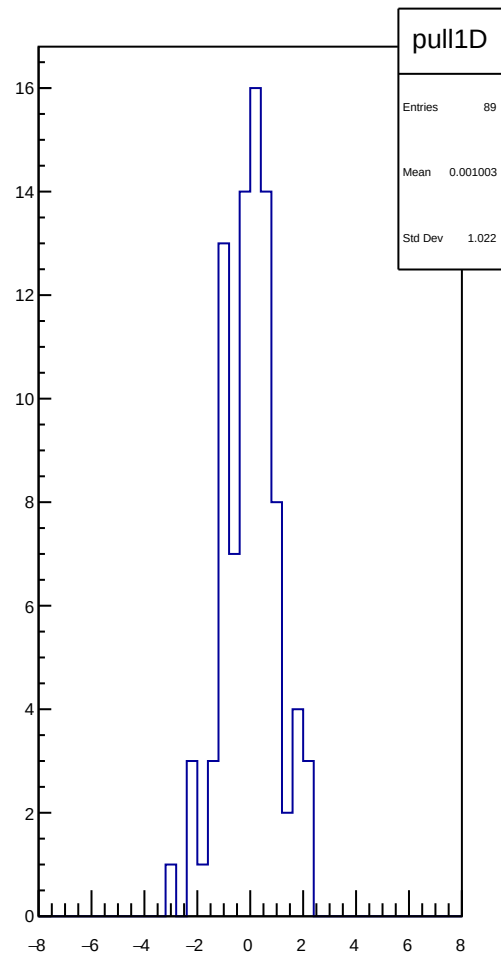
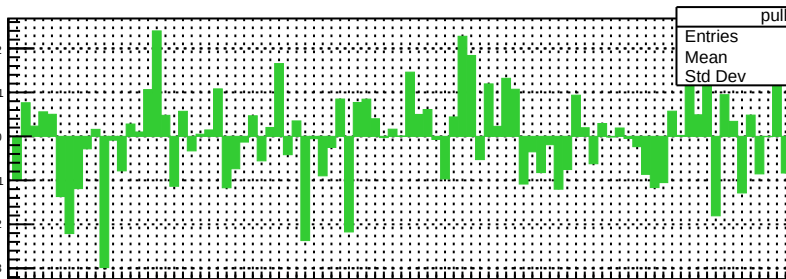
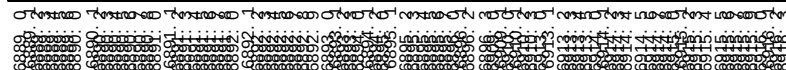
cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs run



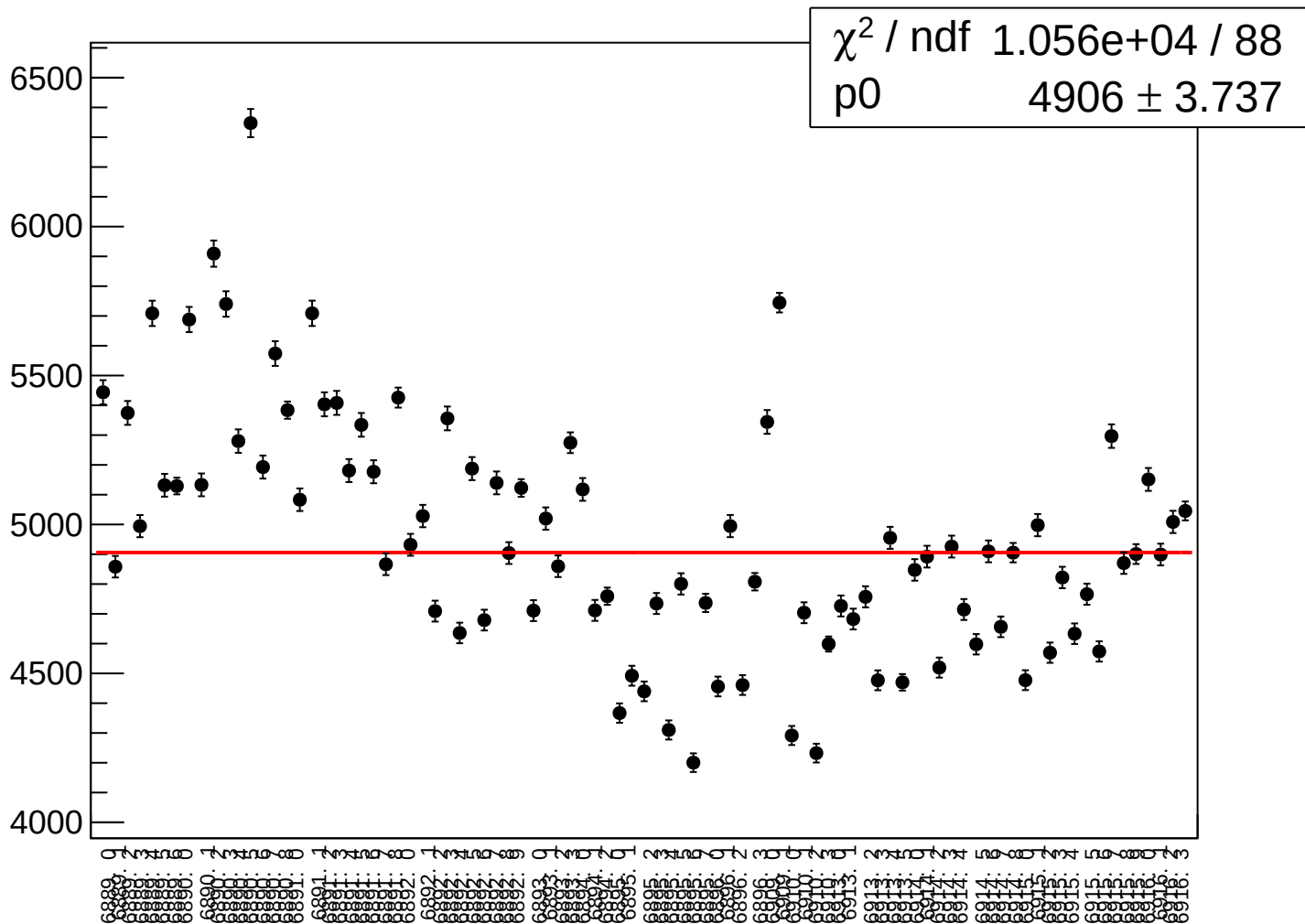
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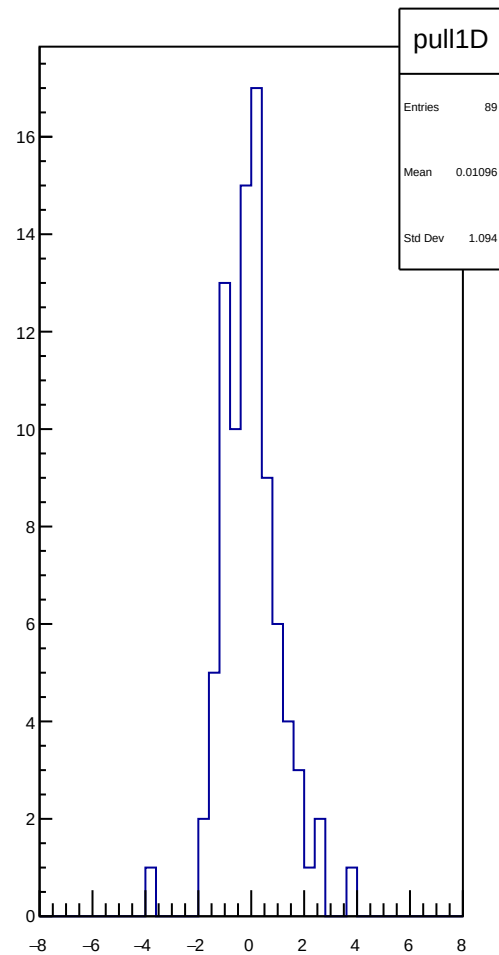
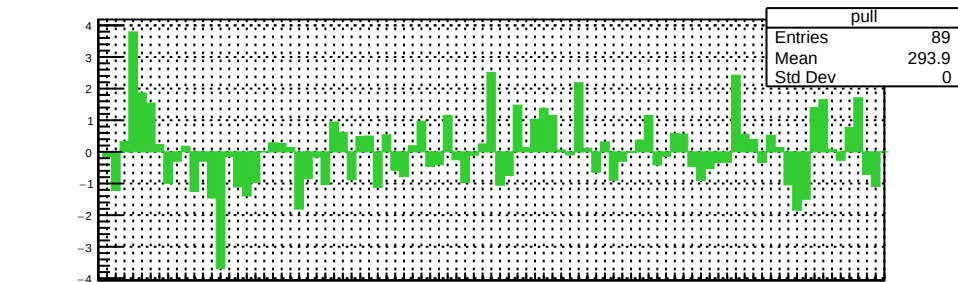
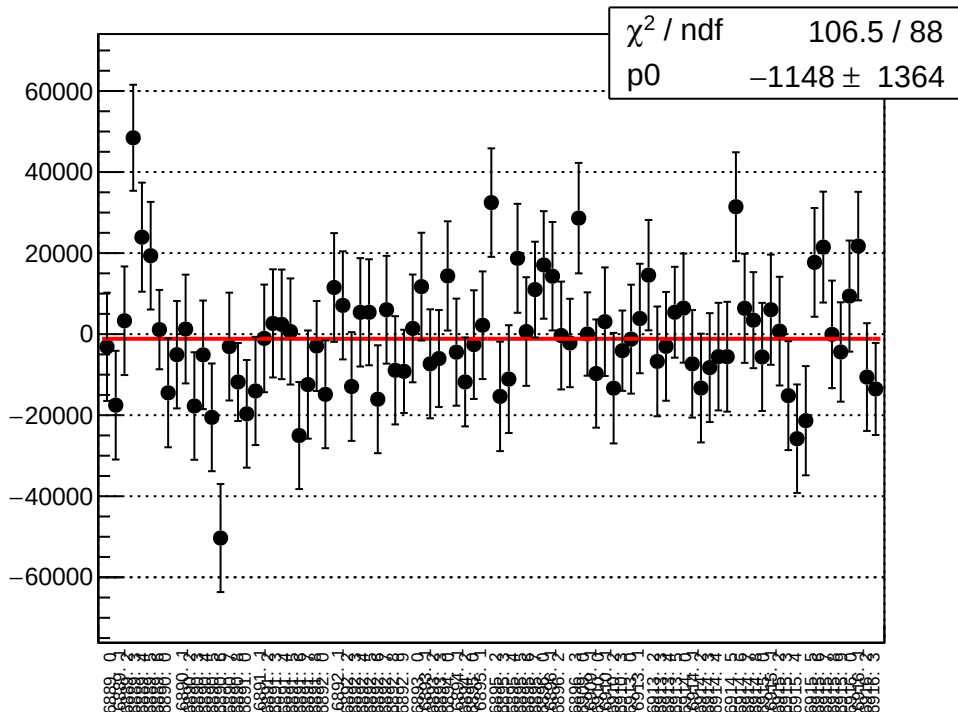
χ^2 / ndf	93.05 / 88
p0	5763 ± 5286



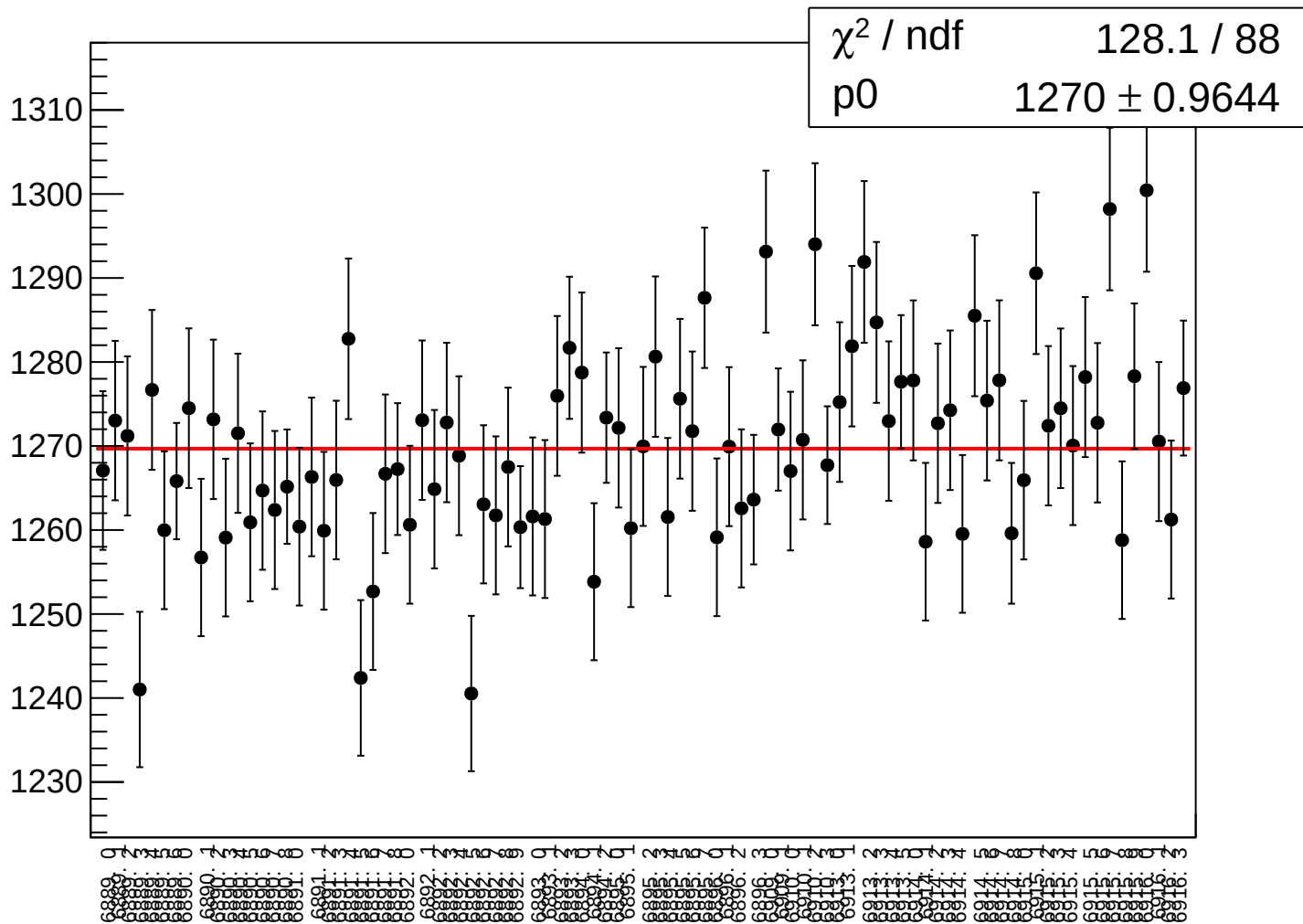
asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs run



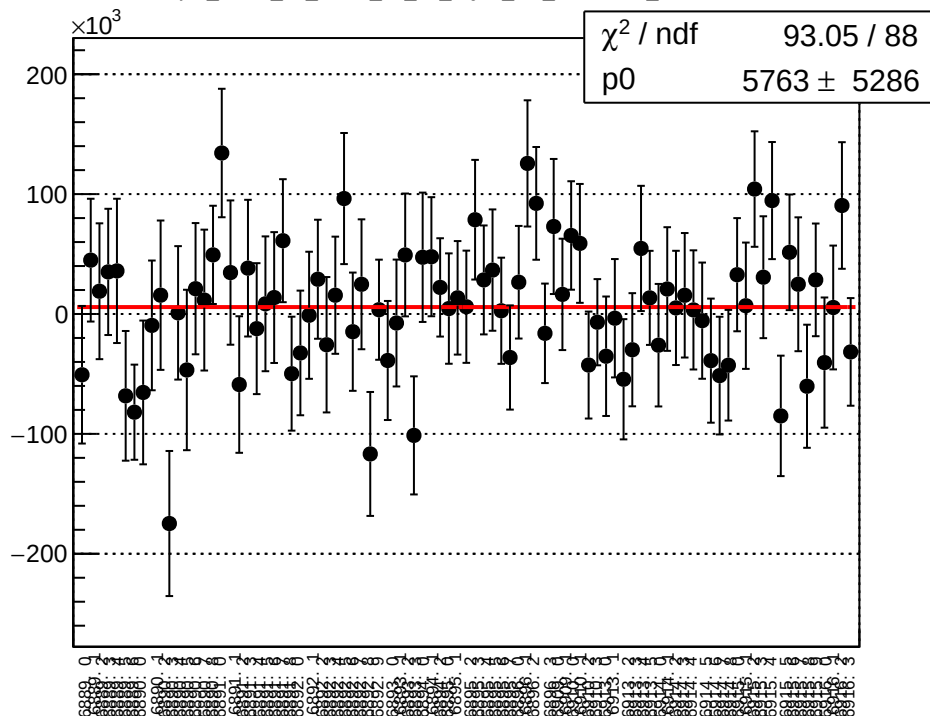
eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs run



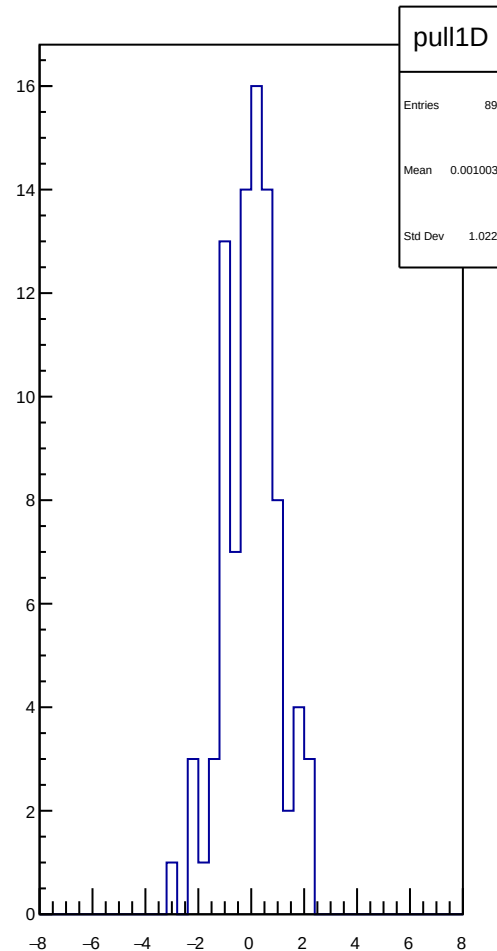
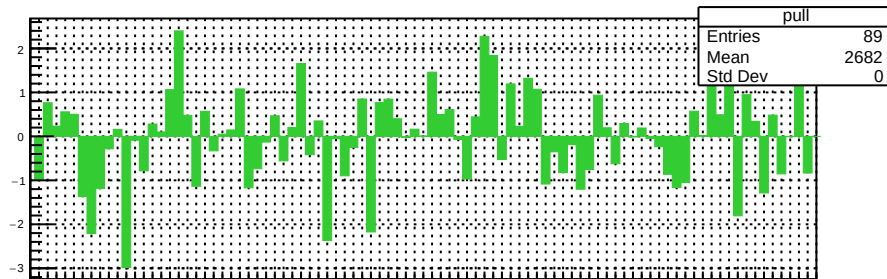
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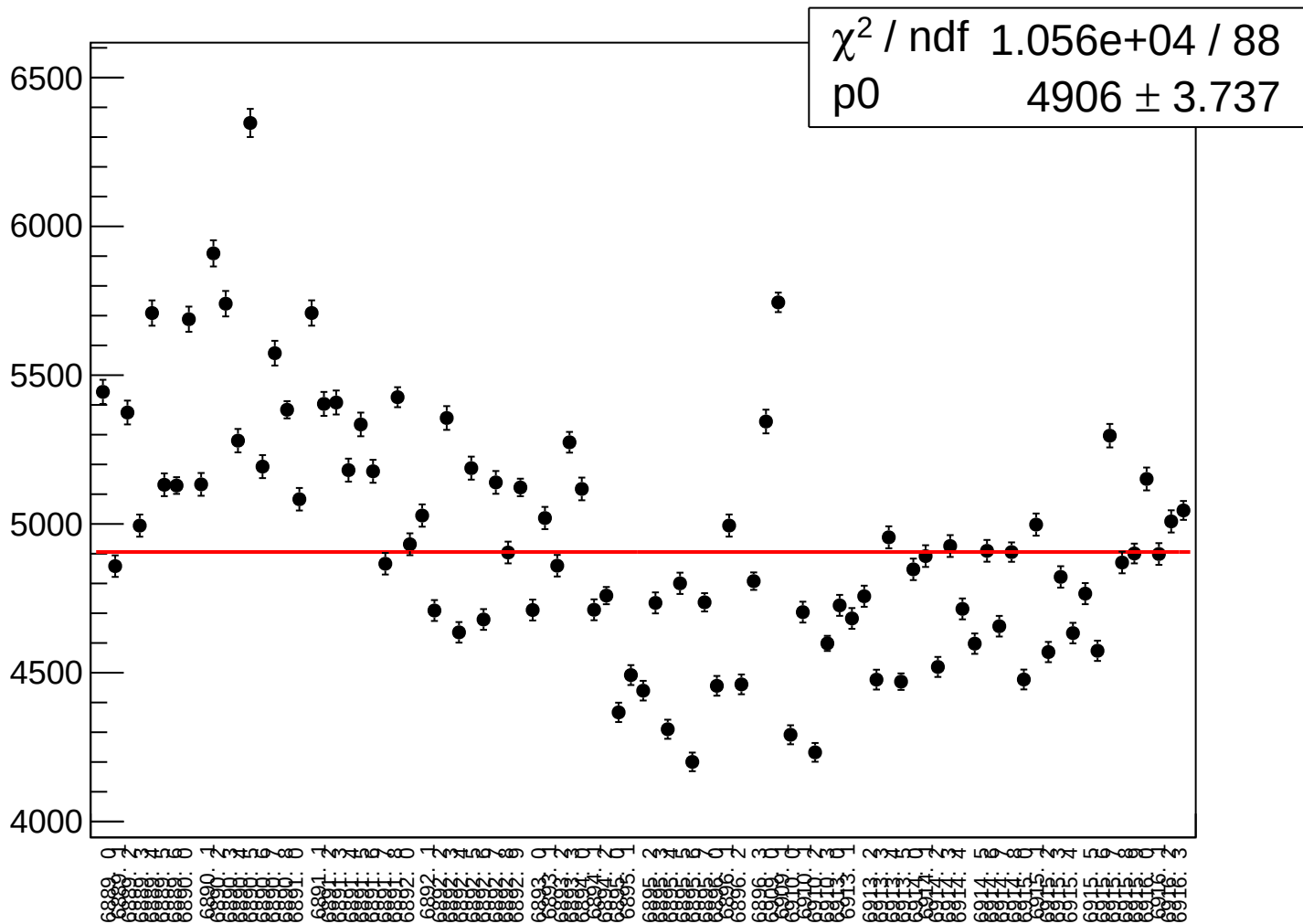
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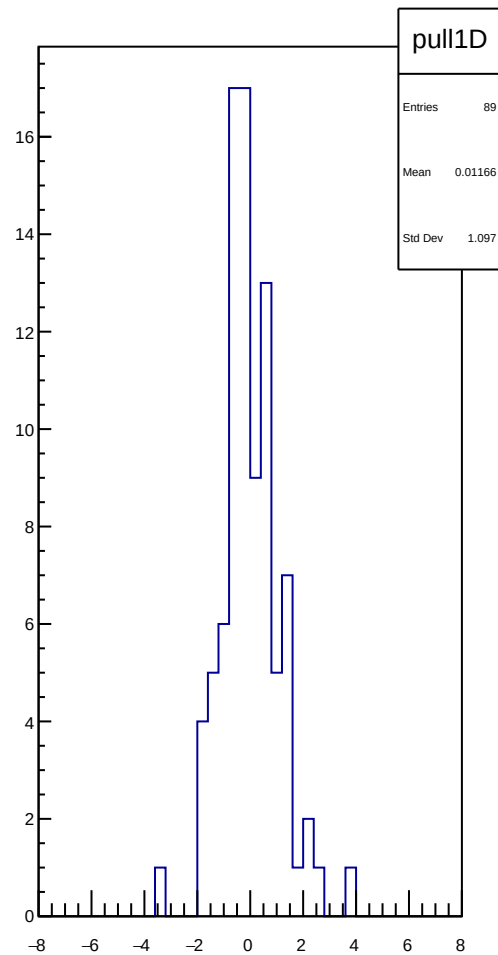
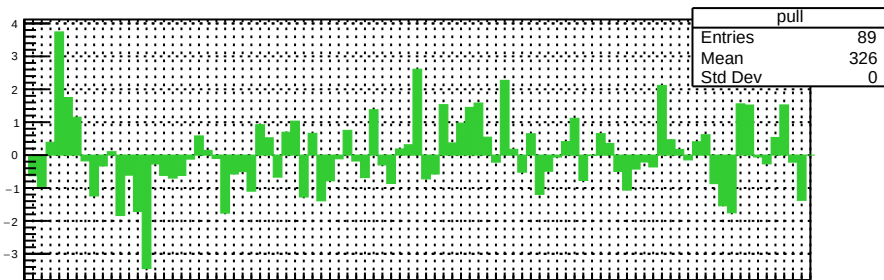
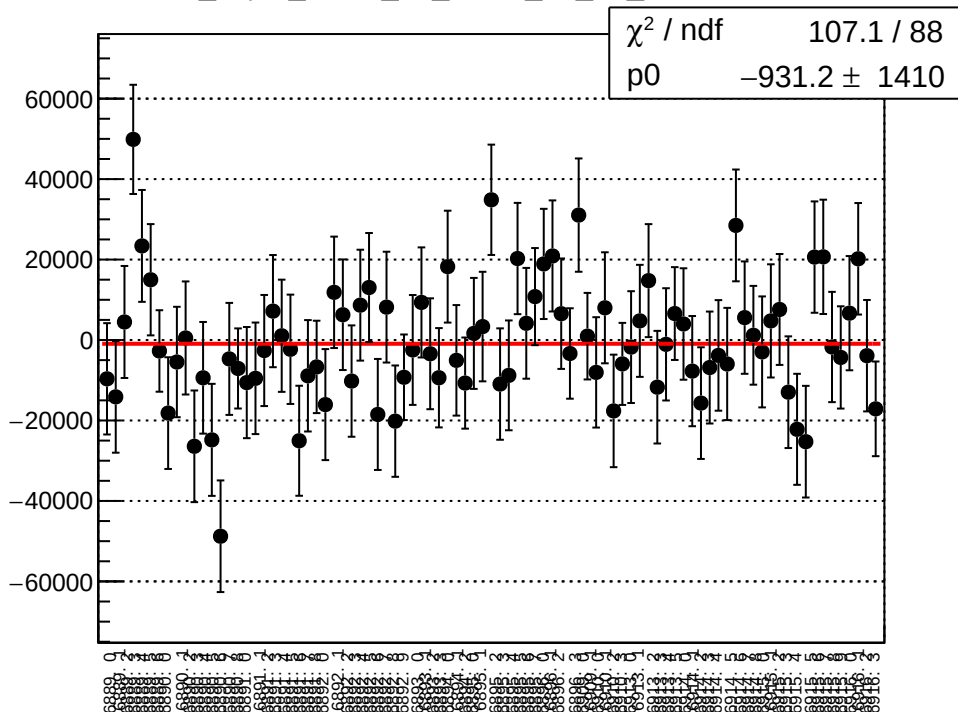
Correlation coefficients between the different variables for the different runs. The variables are: asym_atl1r2_dd, asym_atl1r1_dd, asym_dd_eigen_cor, and asym_dd_correction_mean. The correlation coefficients are shown for each pair of variables.



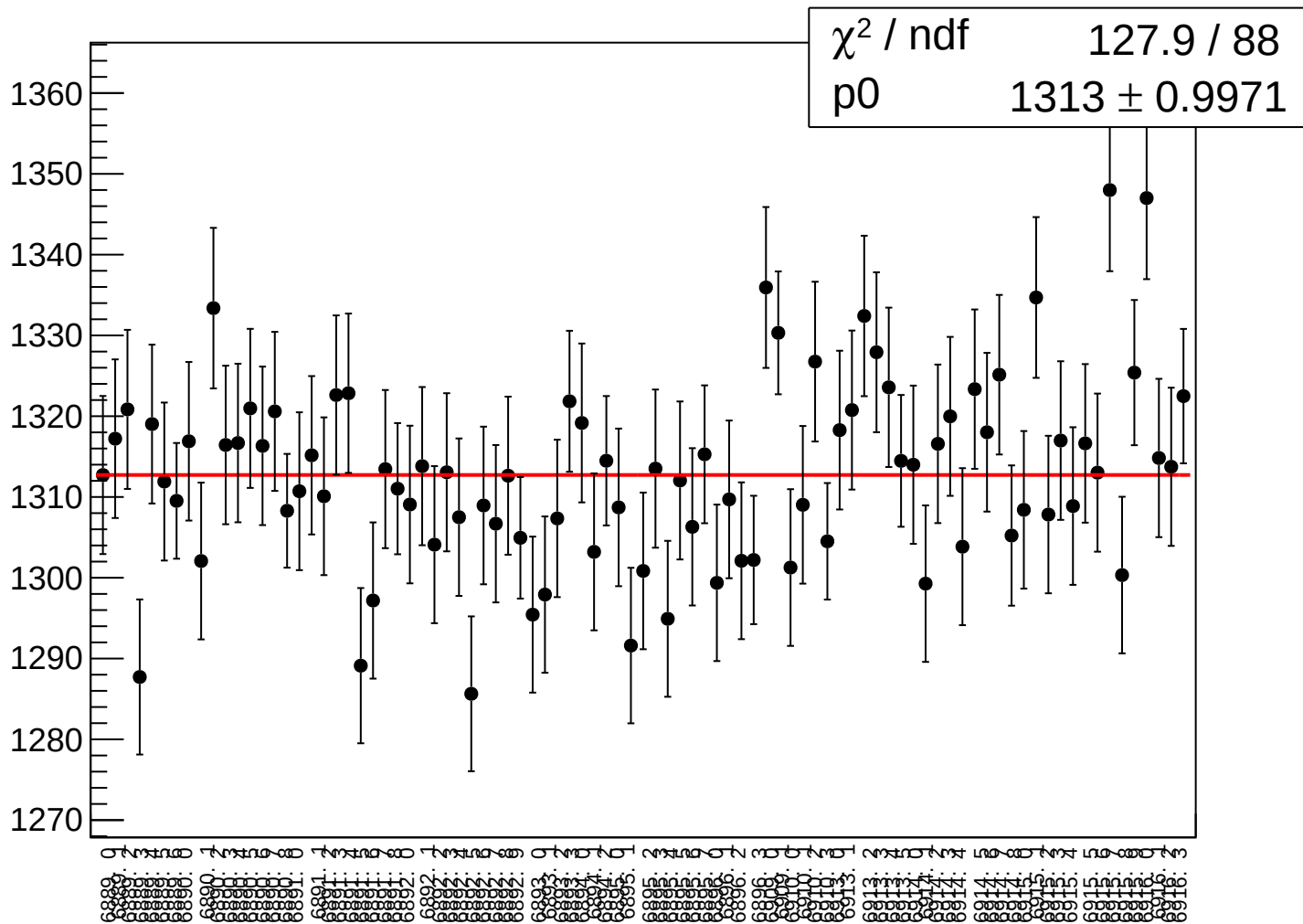
asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs run



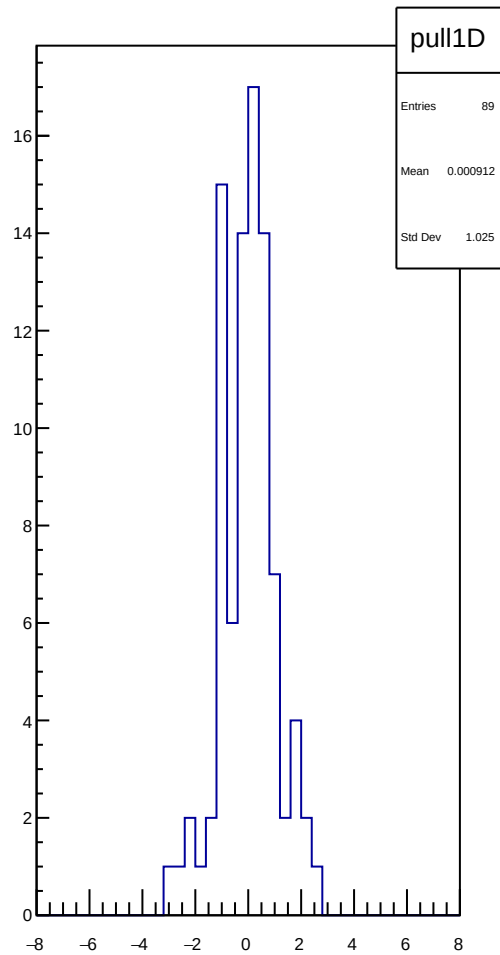
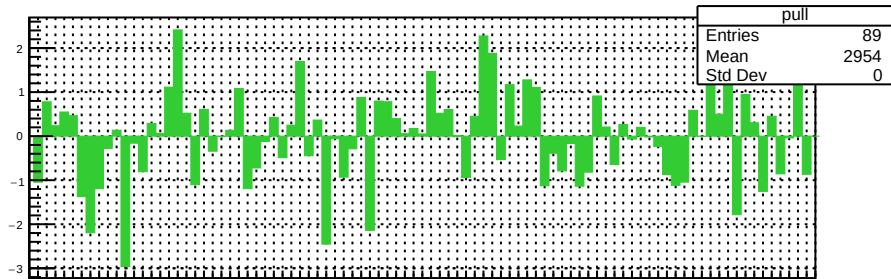
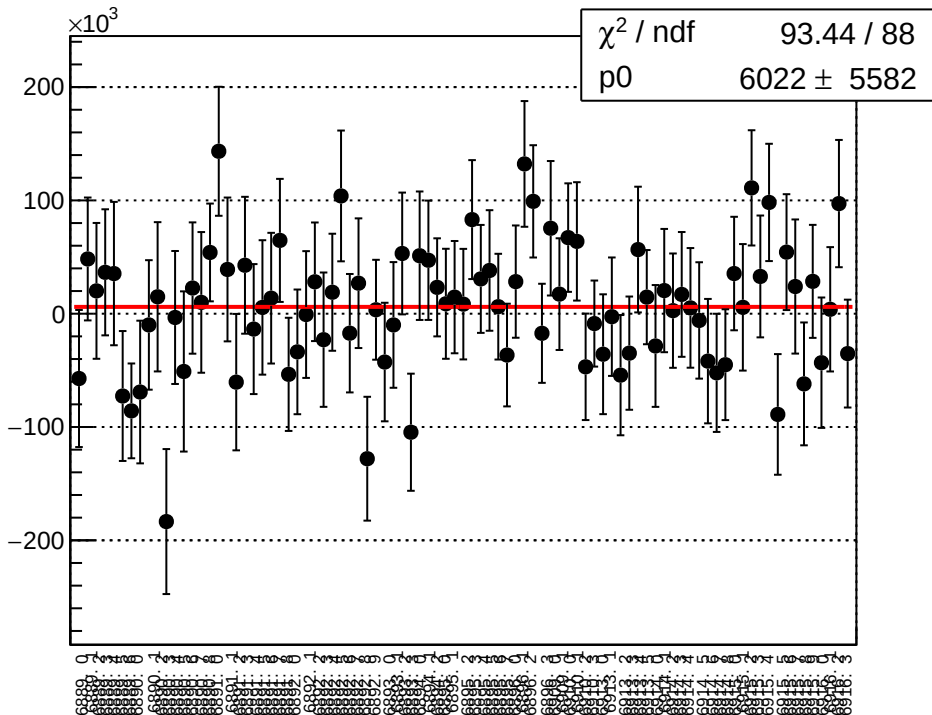
dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs run



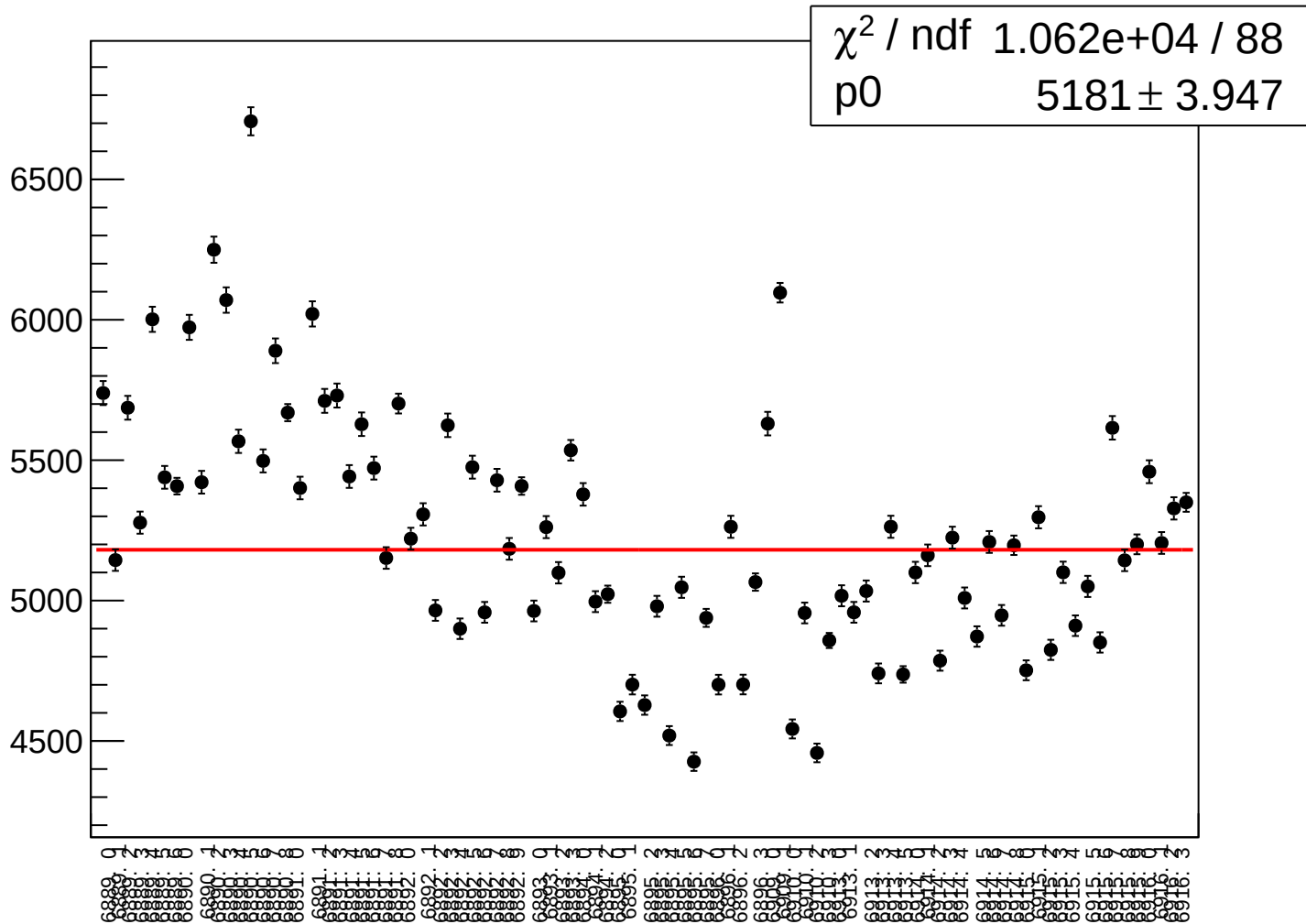
dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs run



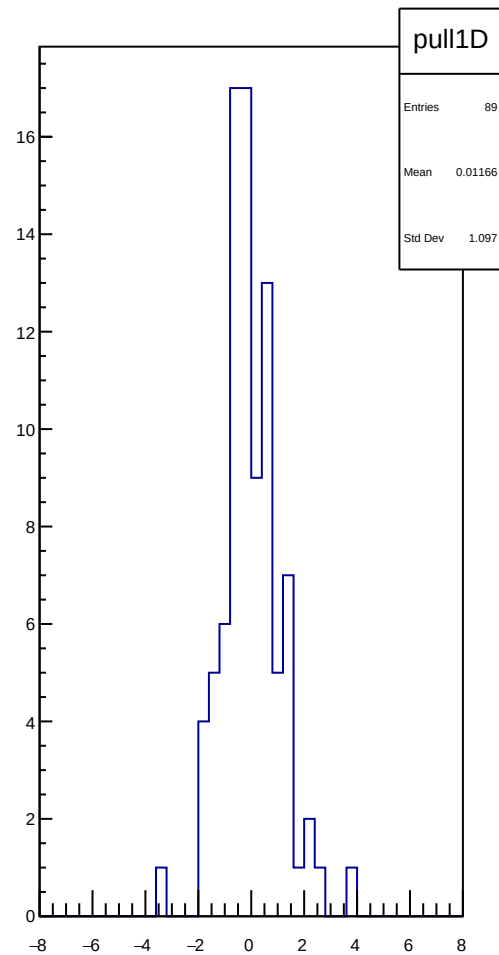
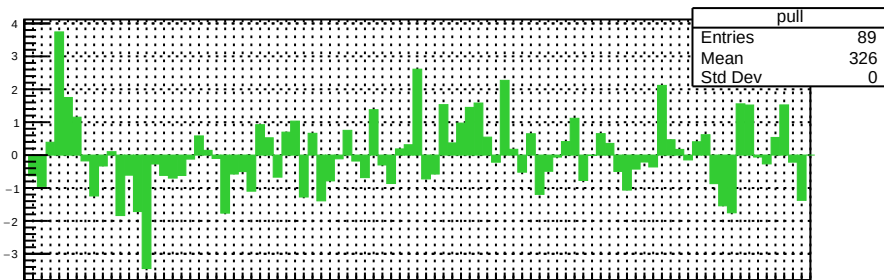
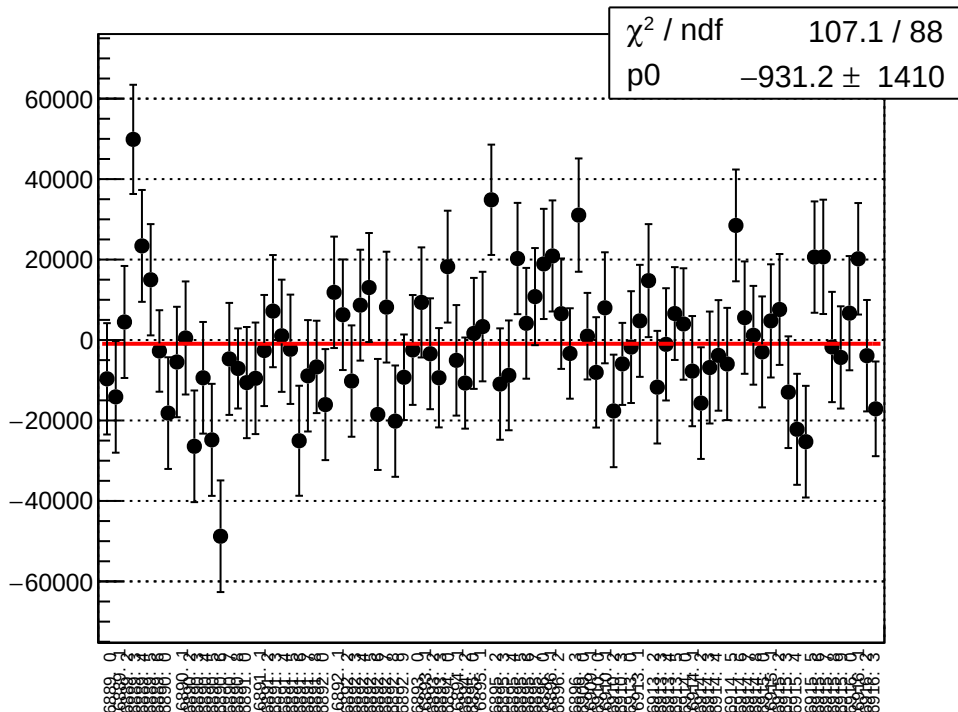
asym atl1r2 dd atl2r1 dd dd dit correction mean vs run



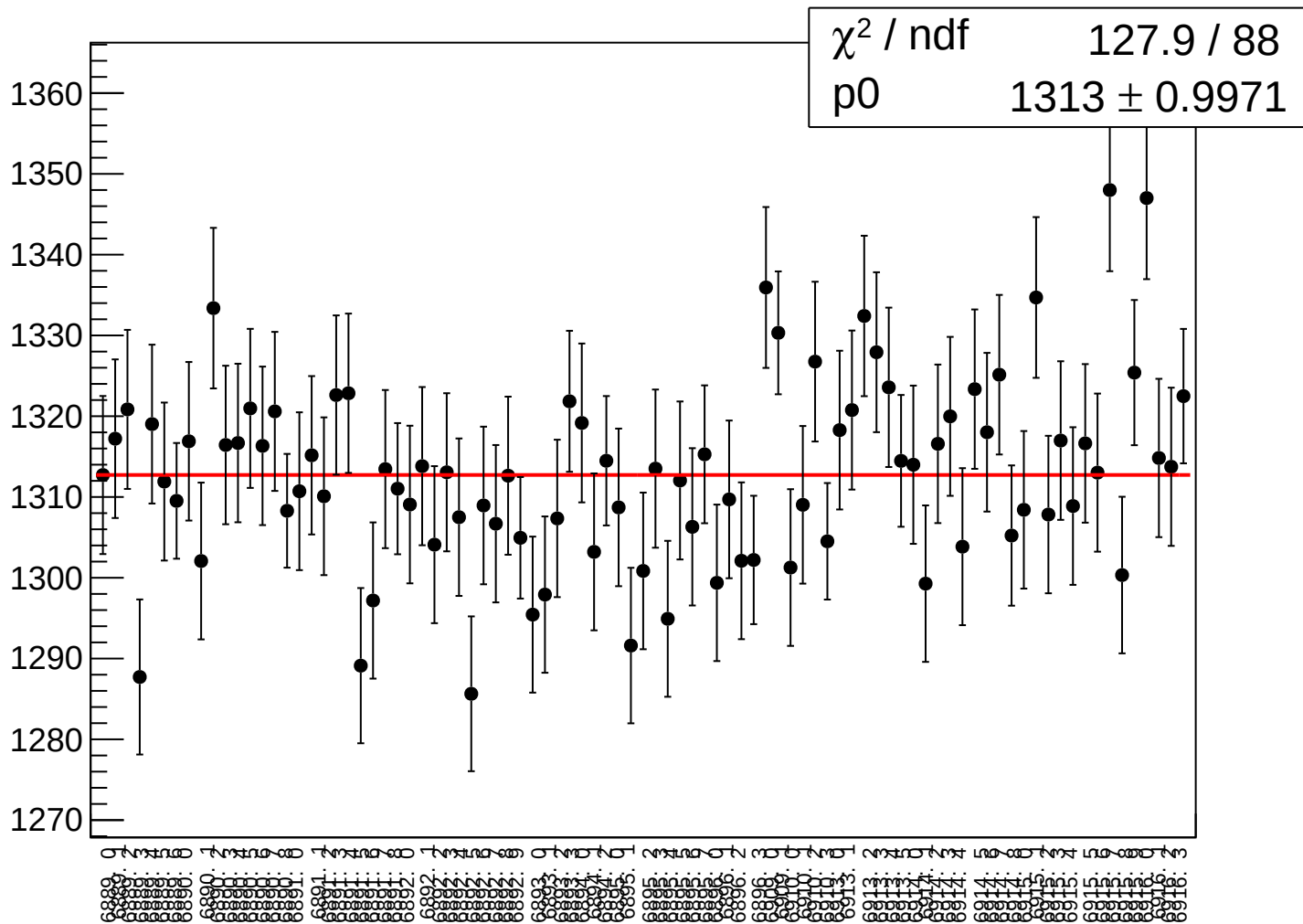
asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs run



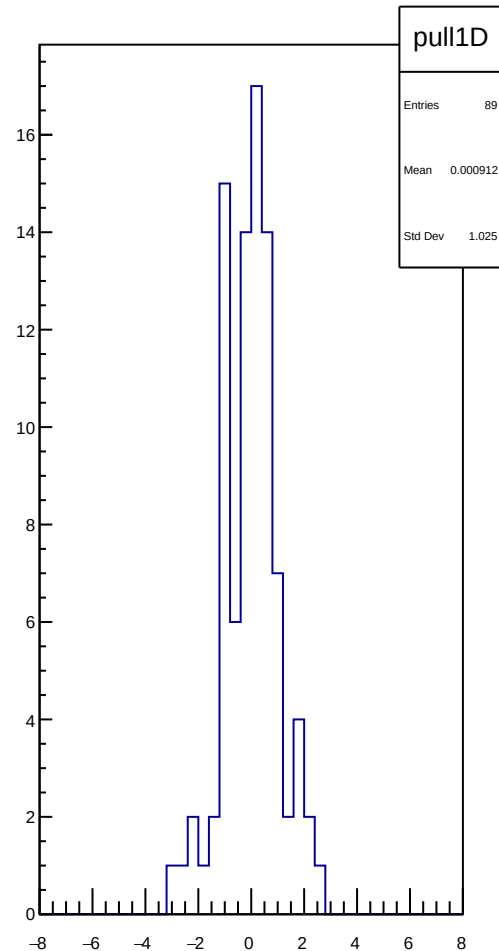
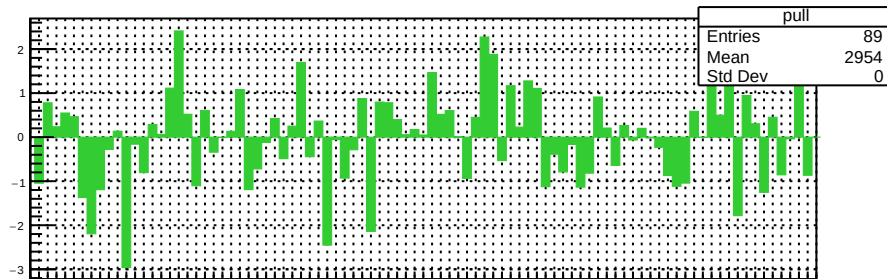
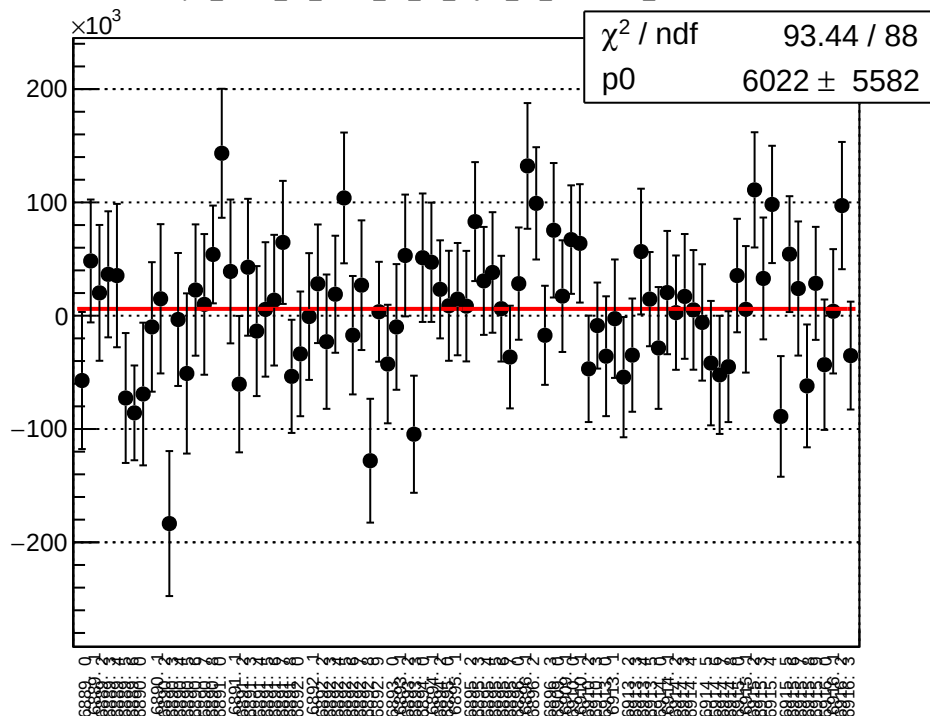
eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs run



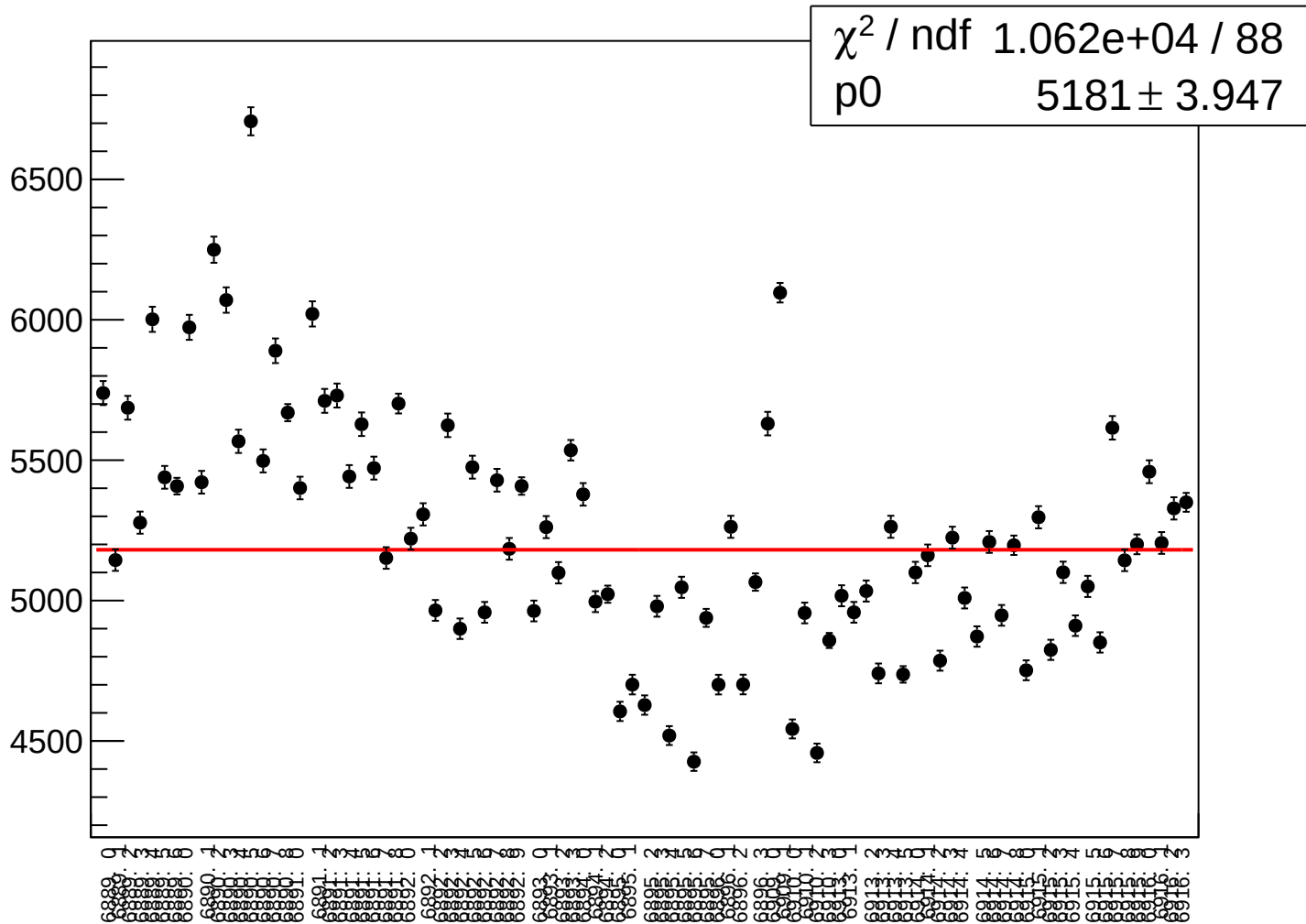
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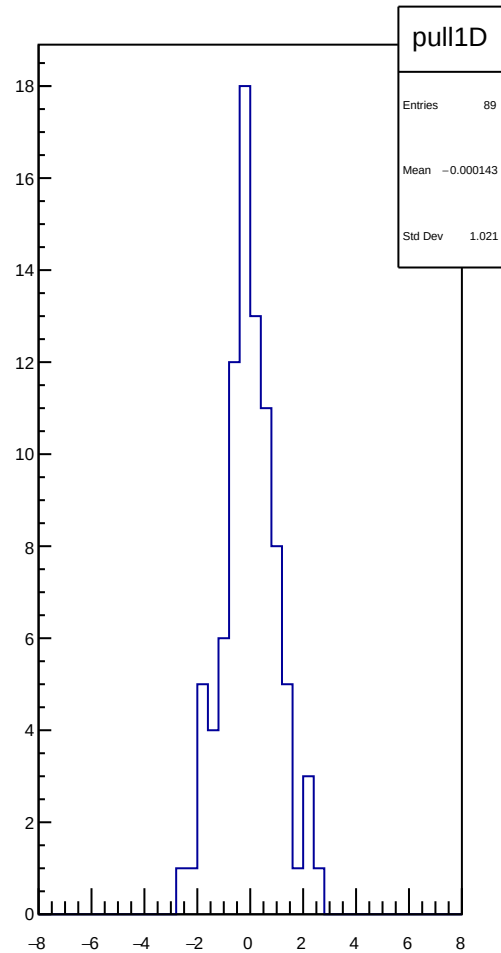
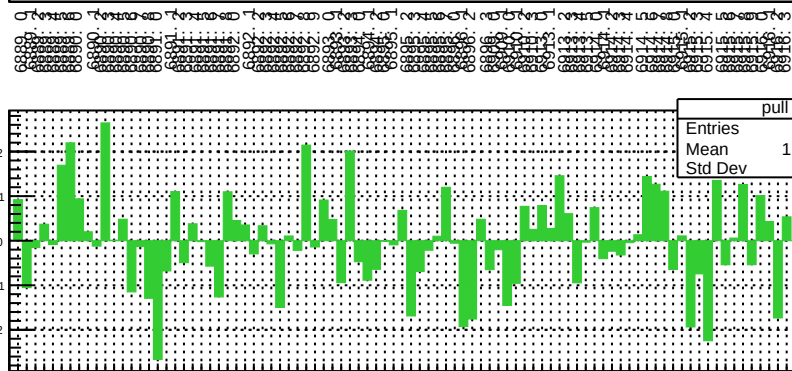
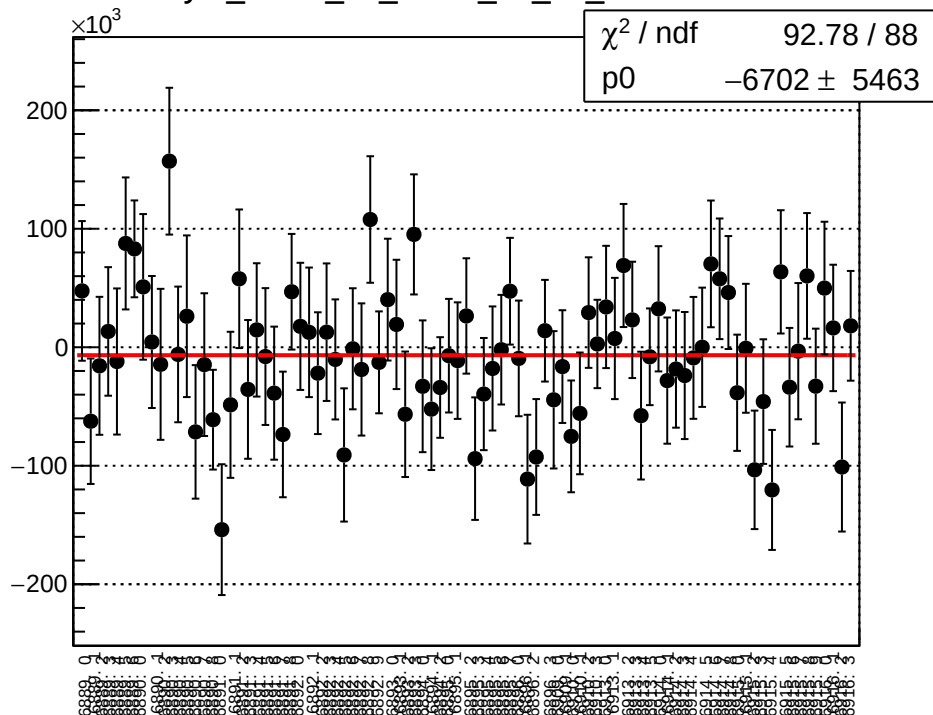
asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs run



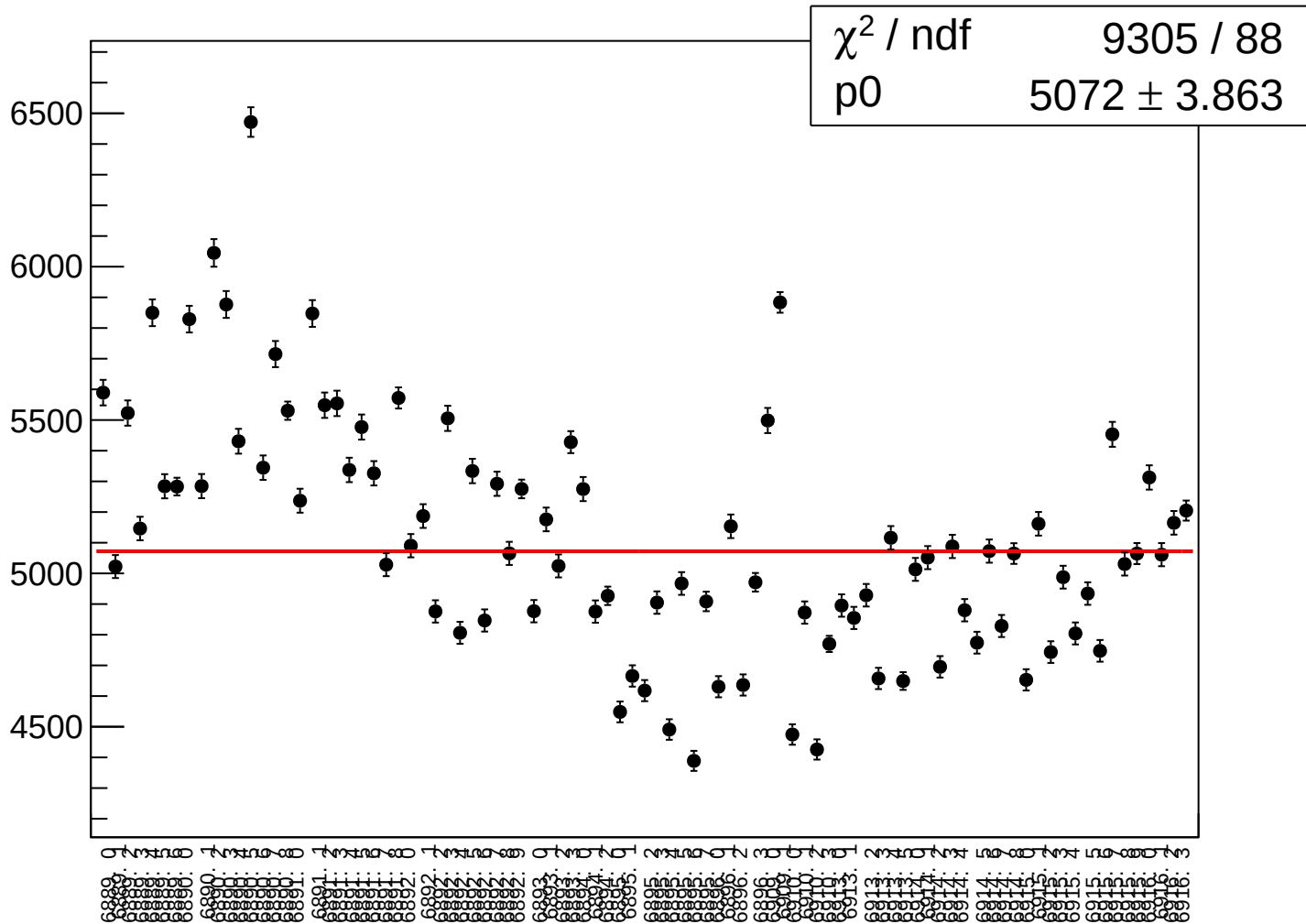
asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs run



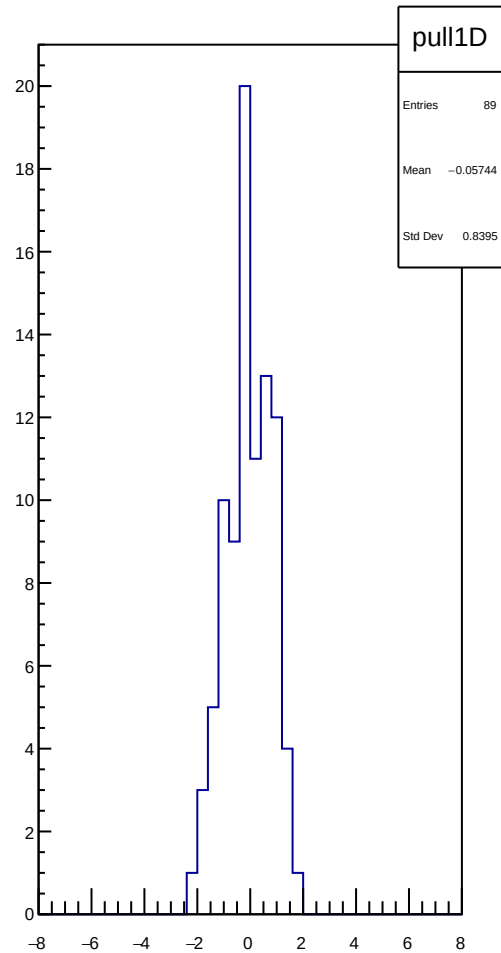
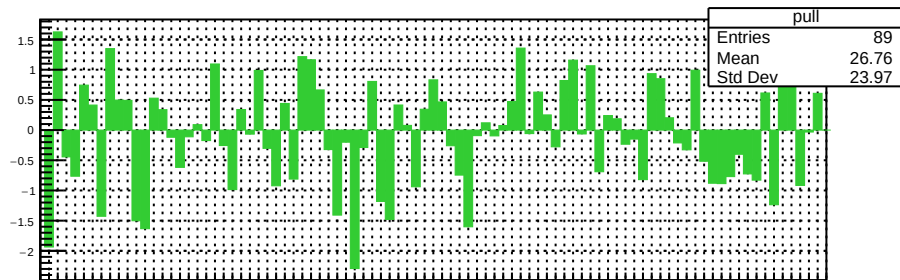
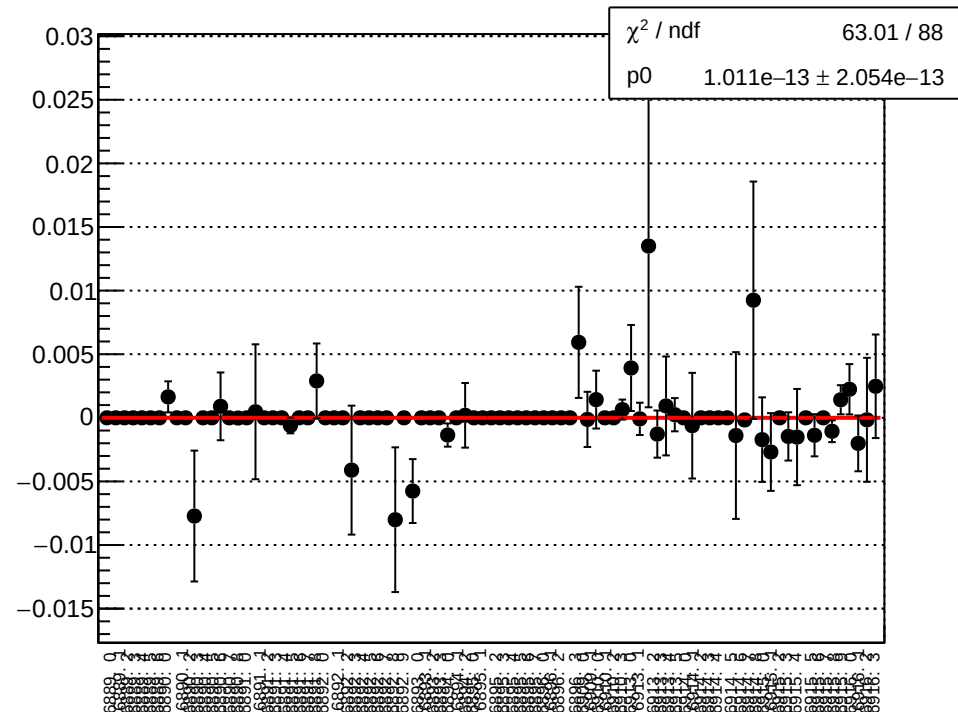
asym_atl1r2_dd_atl2r1_dd_dd_mean vs run



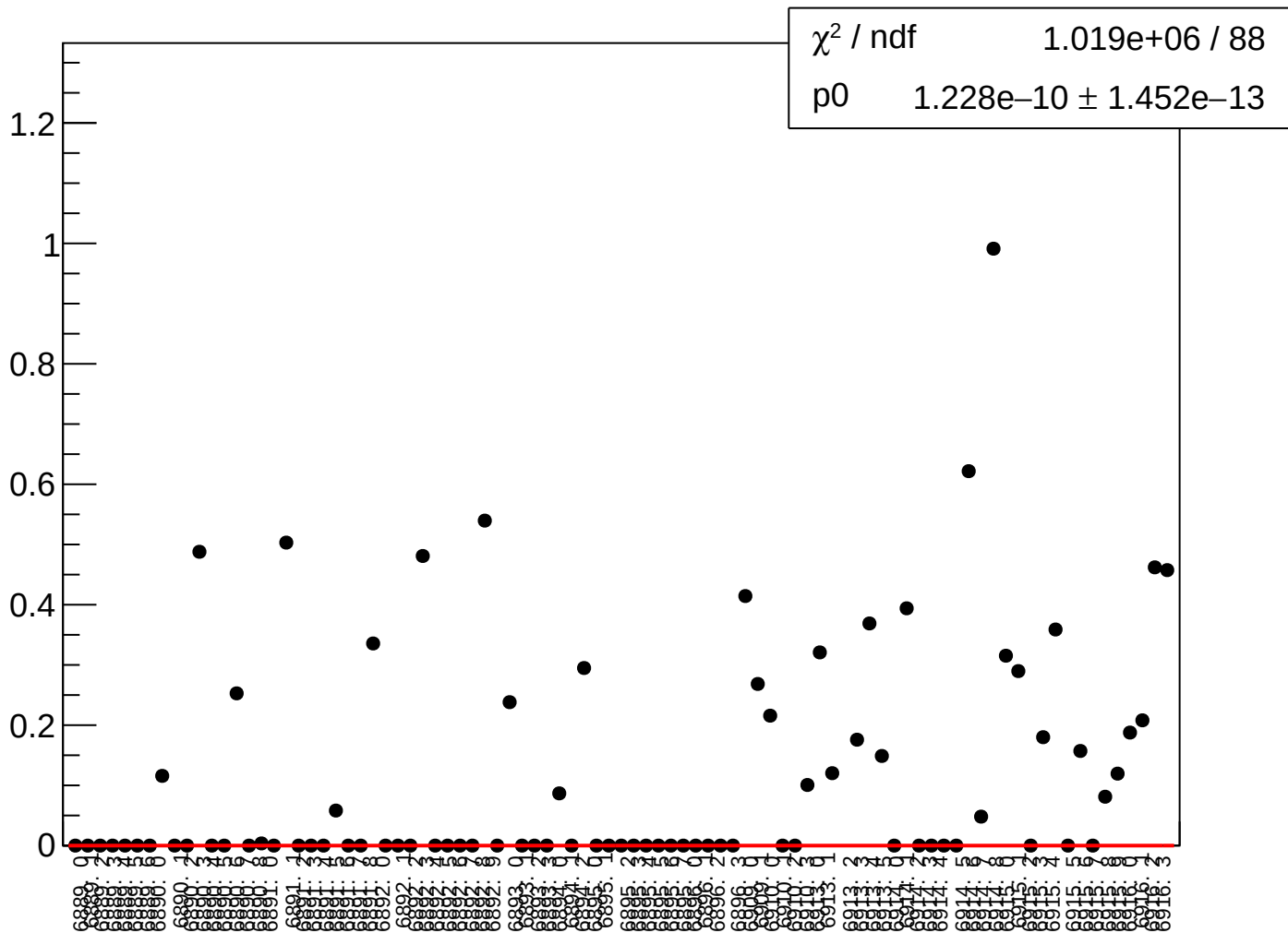
asym_atl1r2_dd_atl2r1_dd_dd_rms vs run



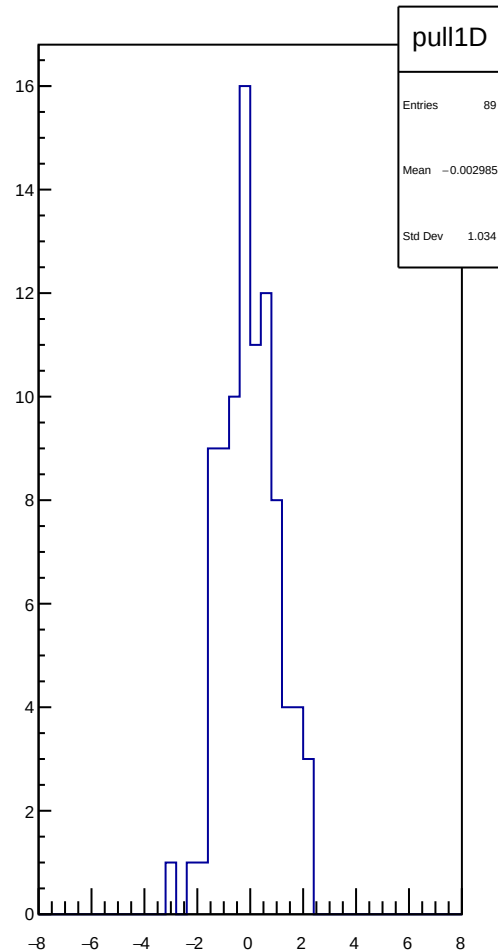
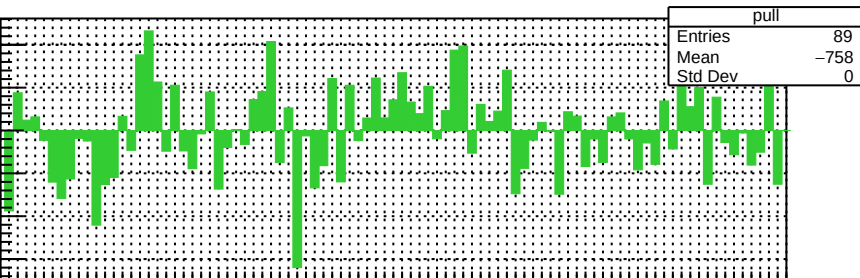
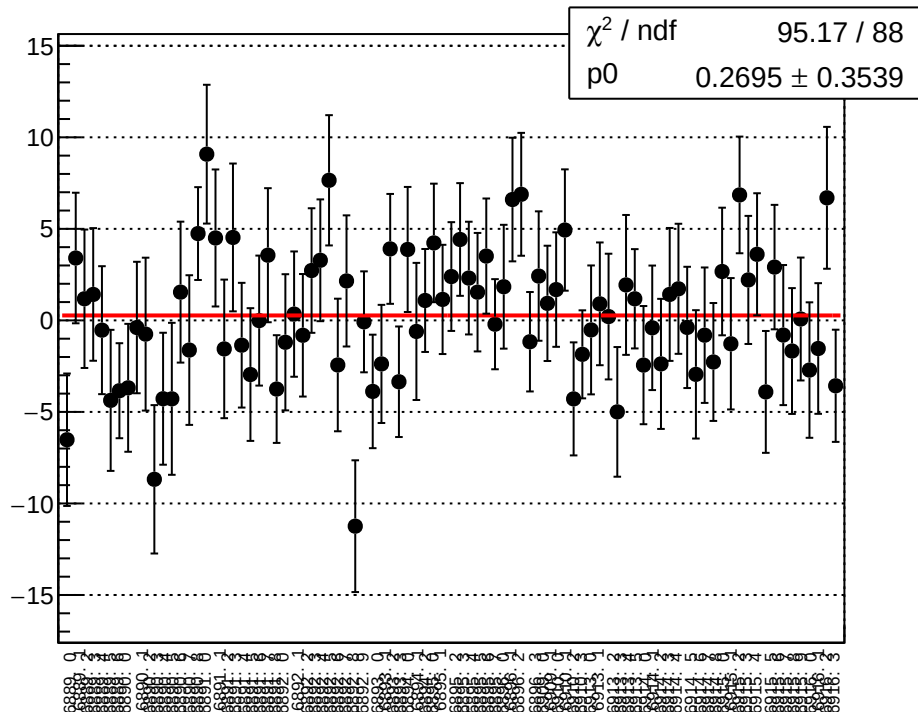
asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs run



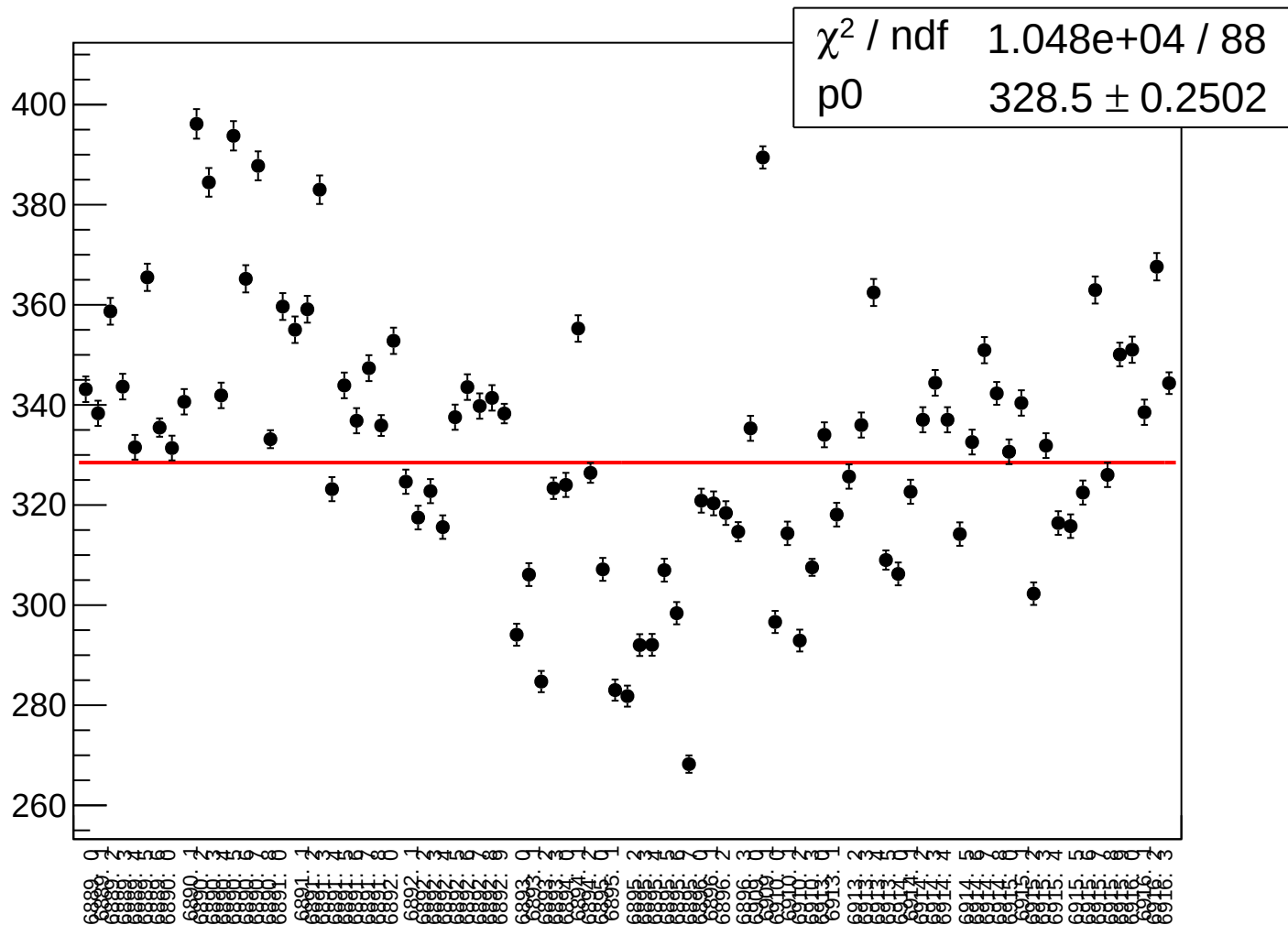
asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_rms vs run



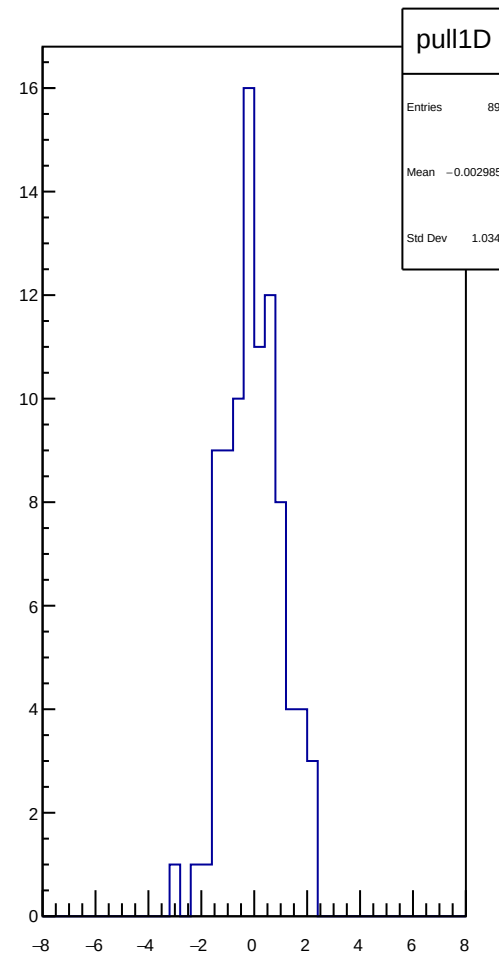
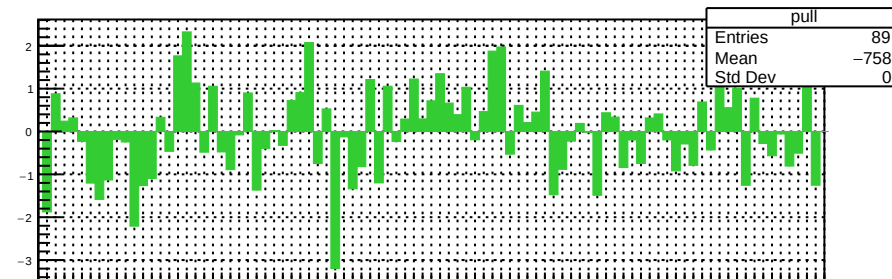
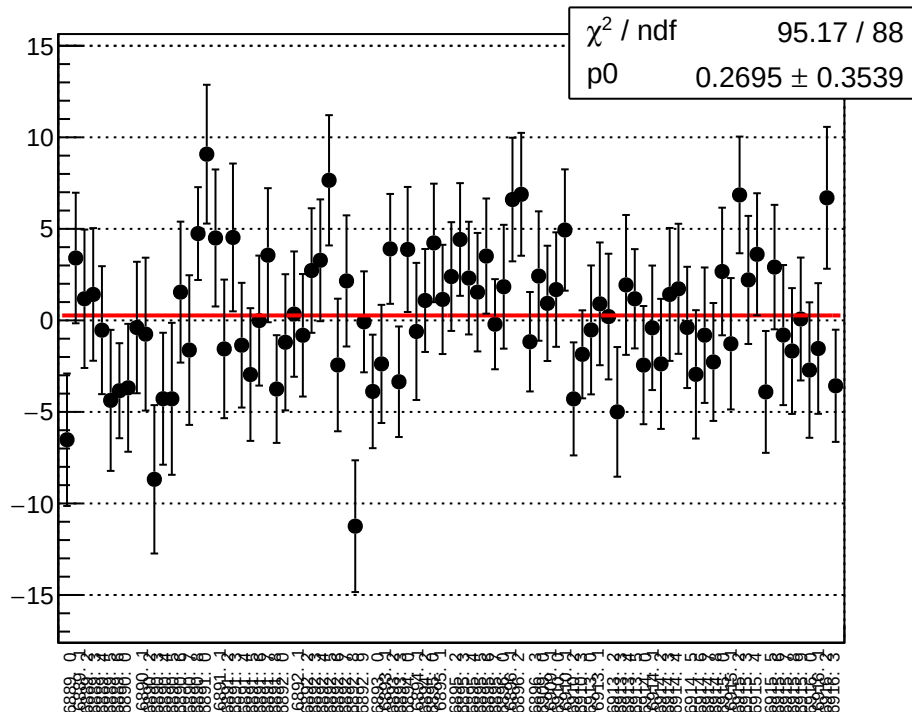
asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs run



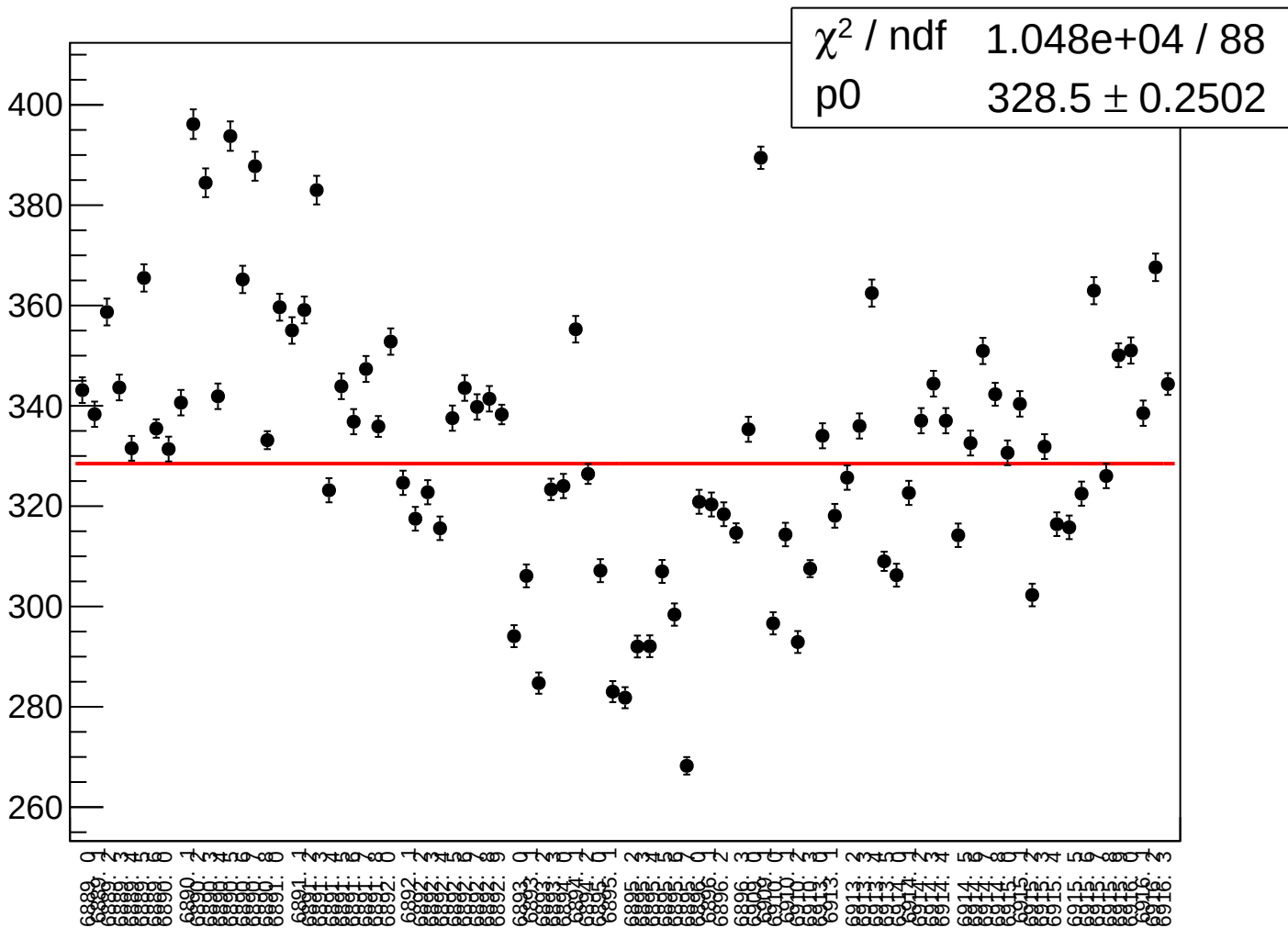
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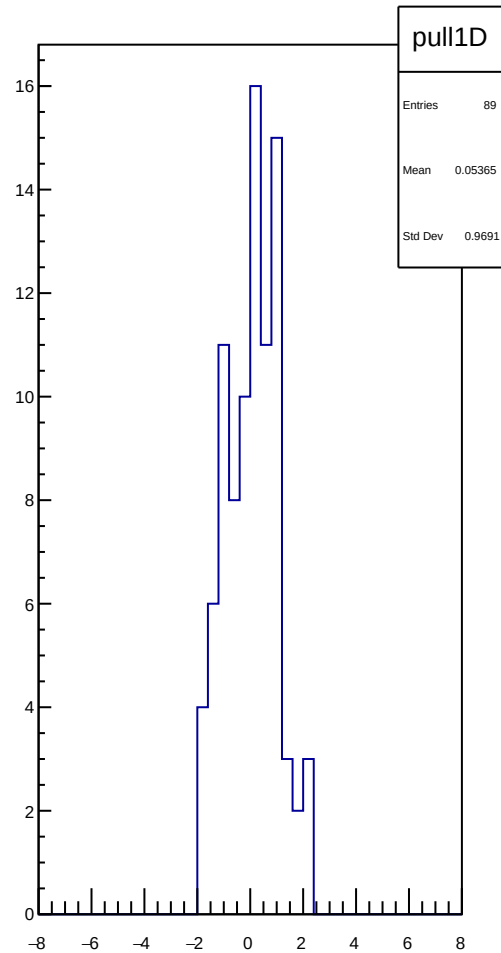
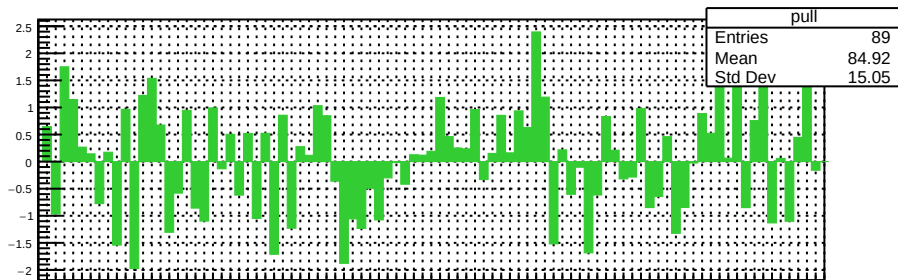
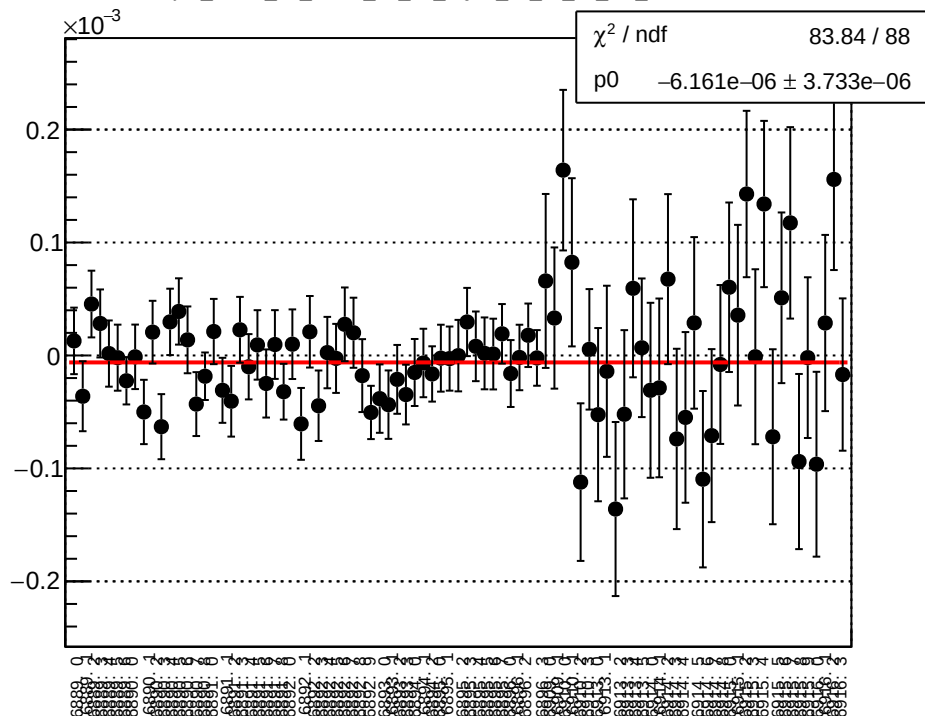
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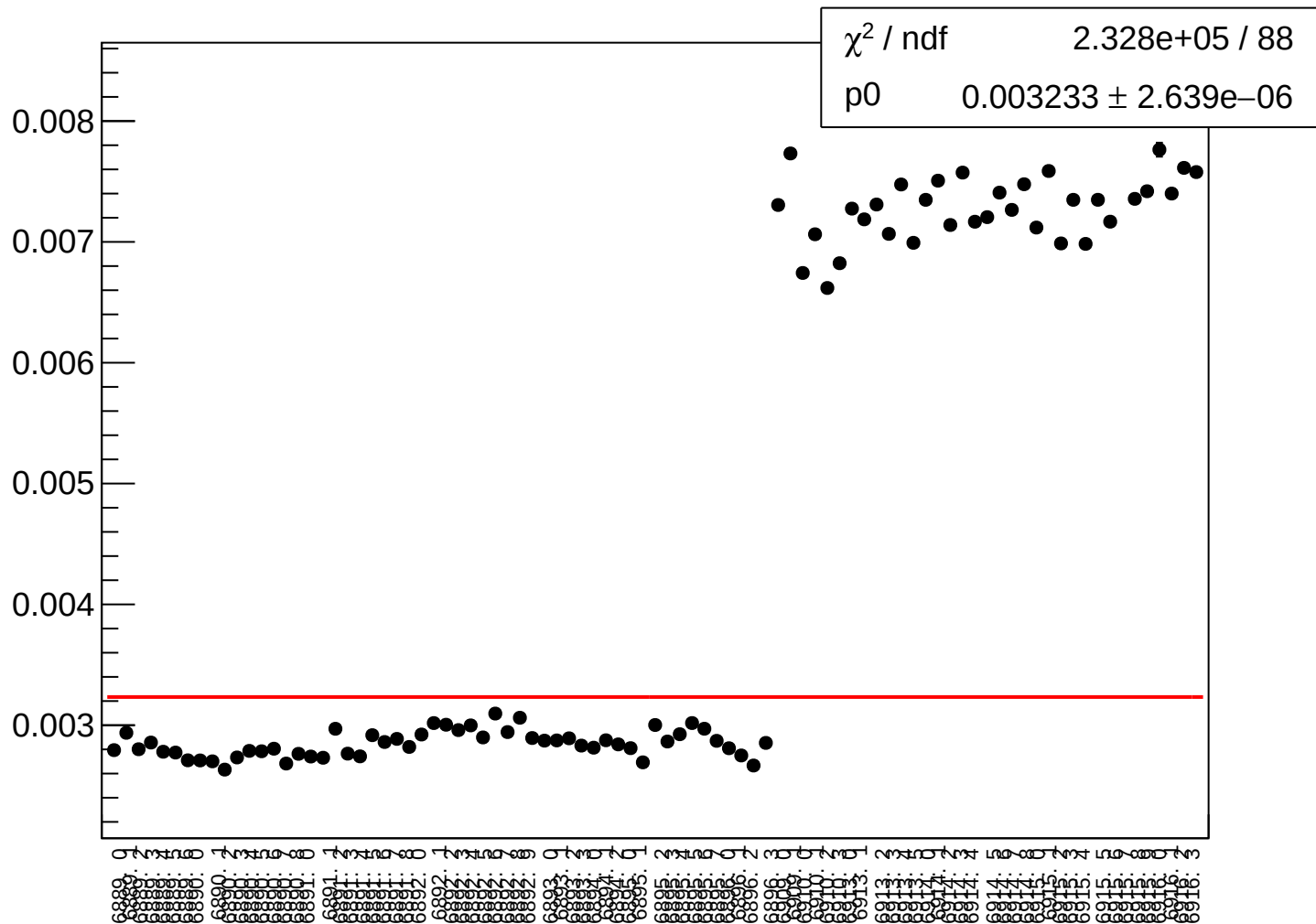
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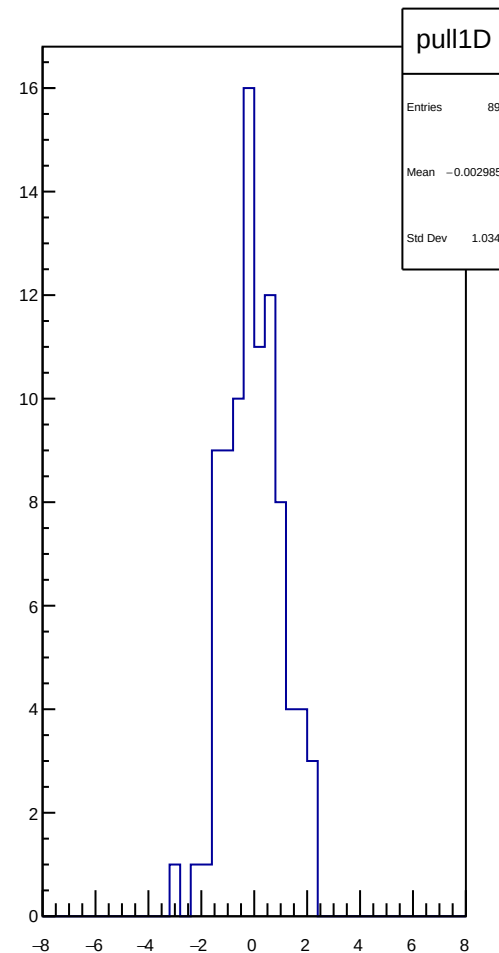
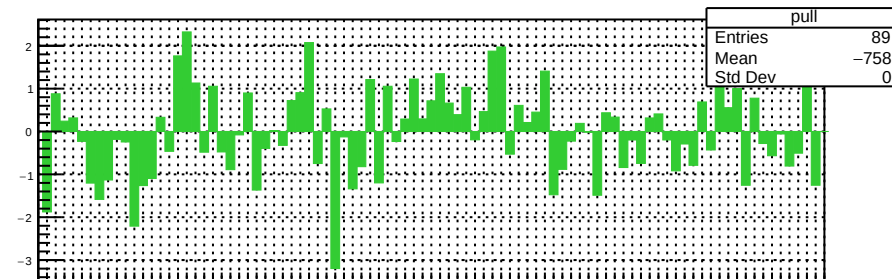
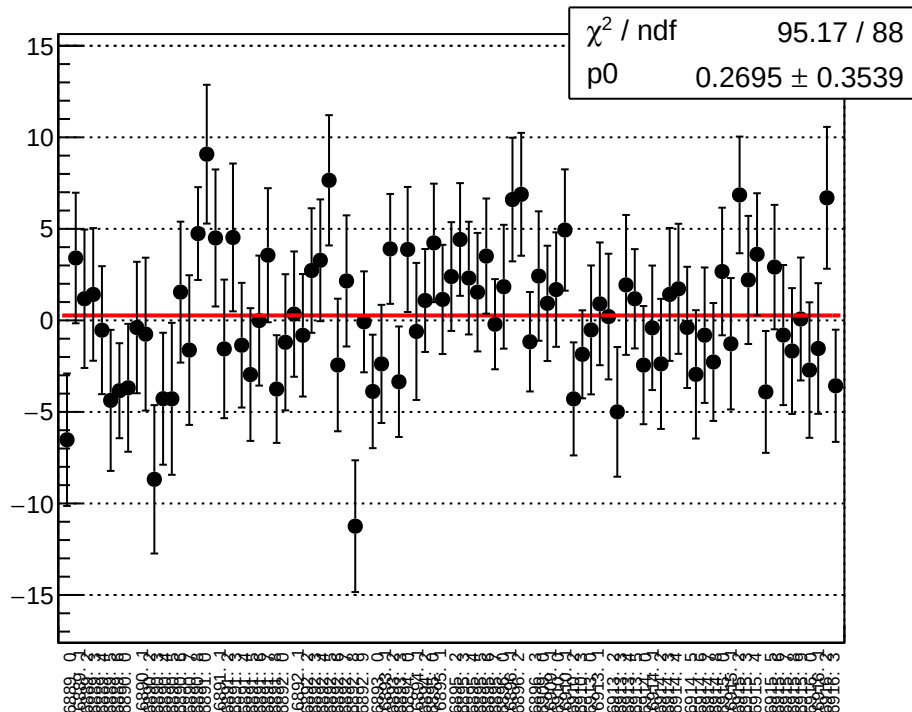
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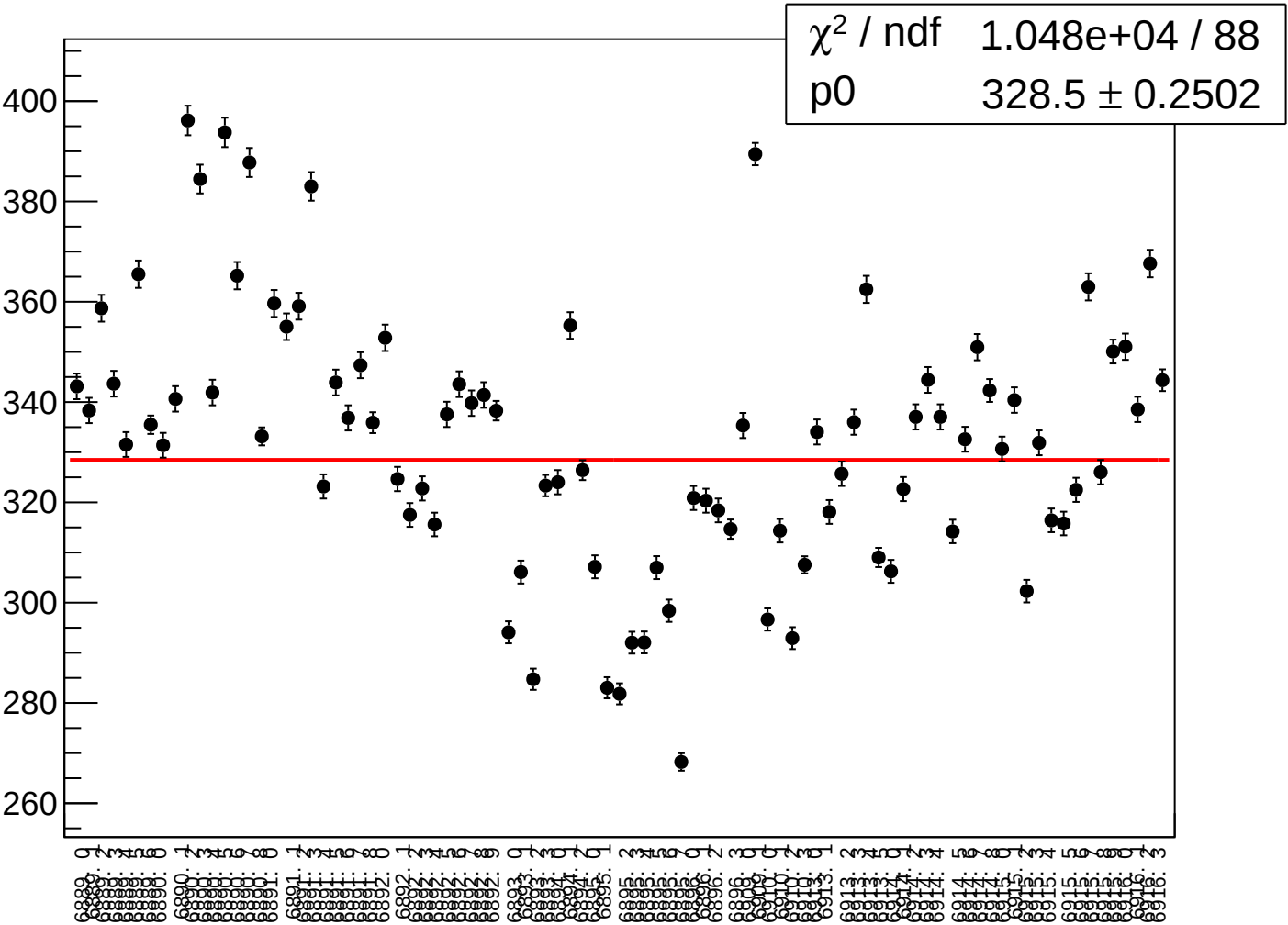
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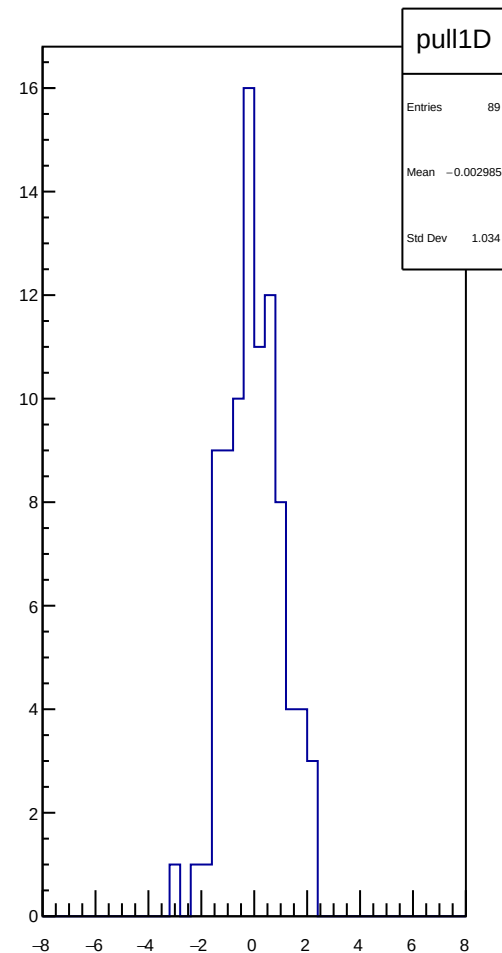
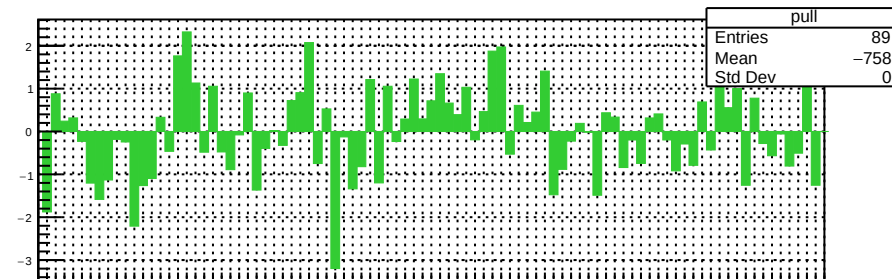
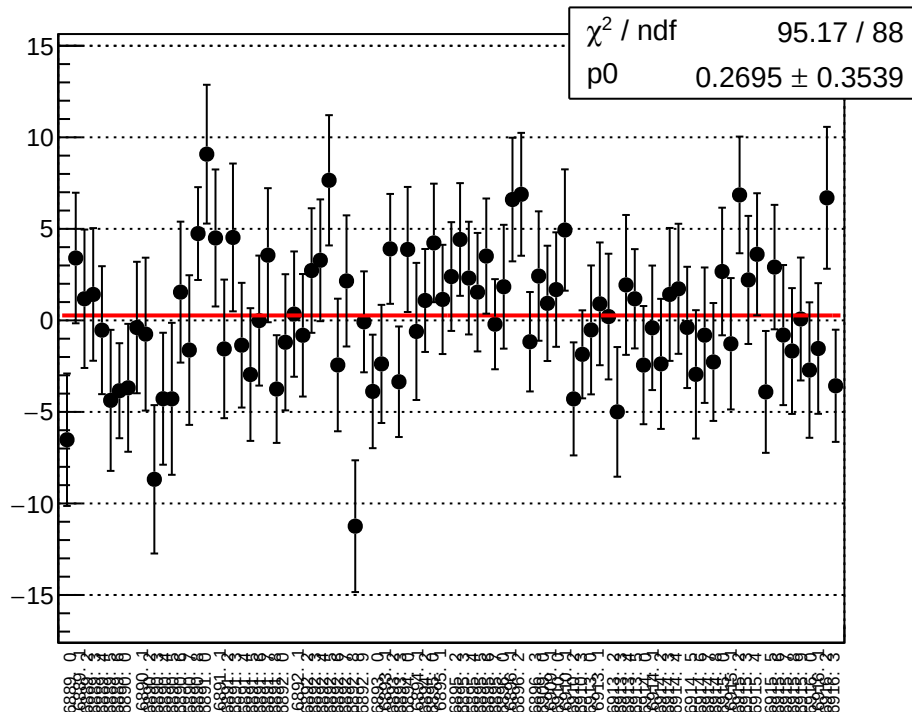
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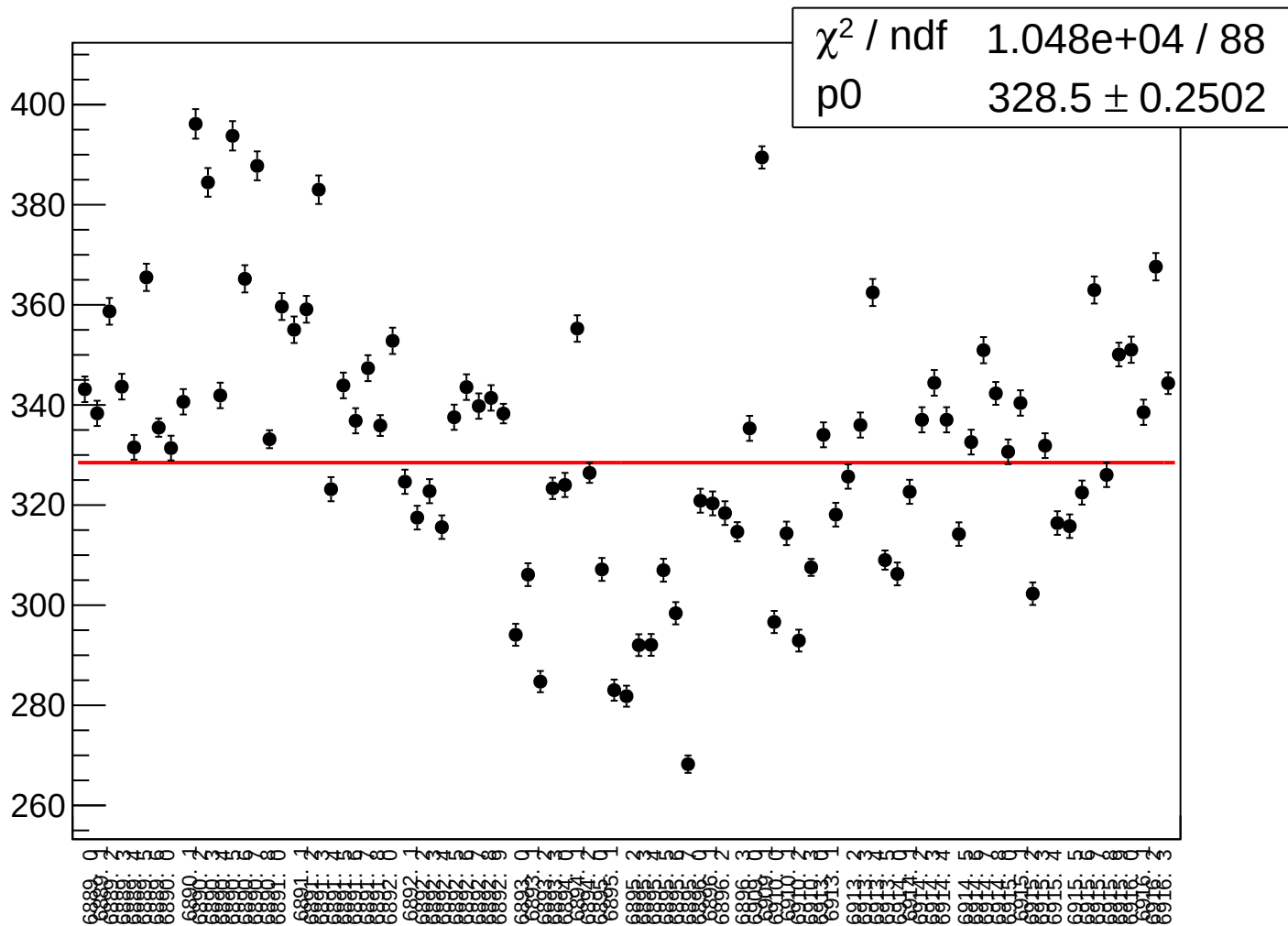
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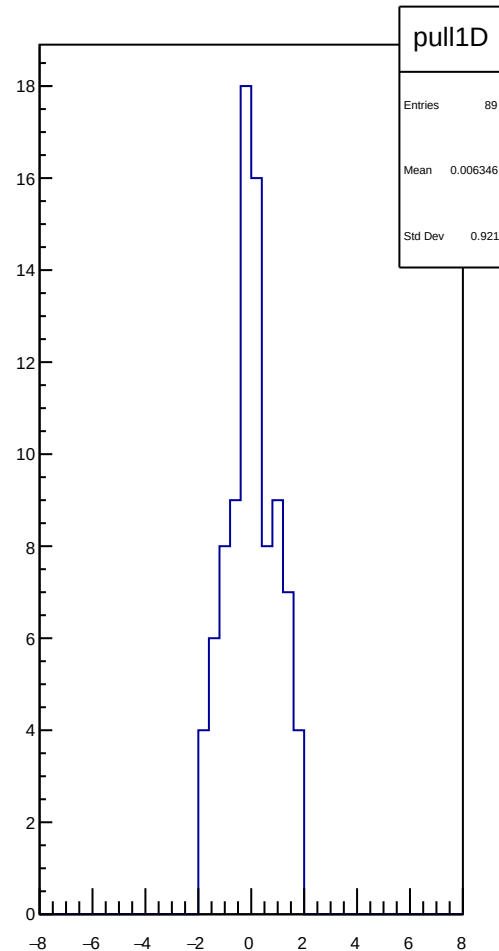
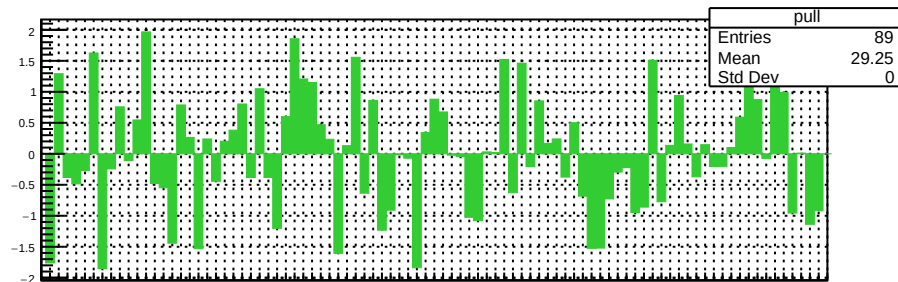
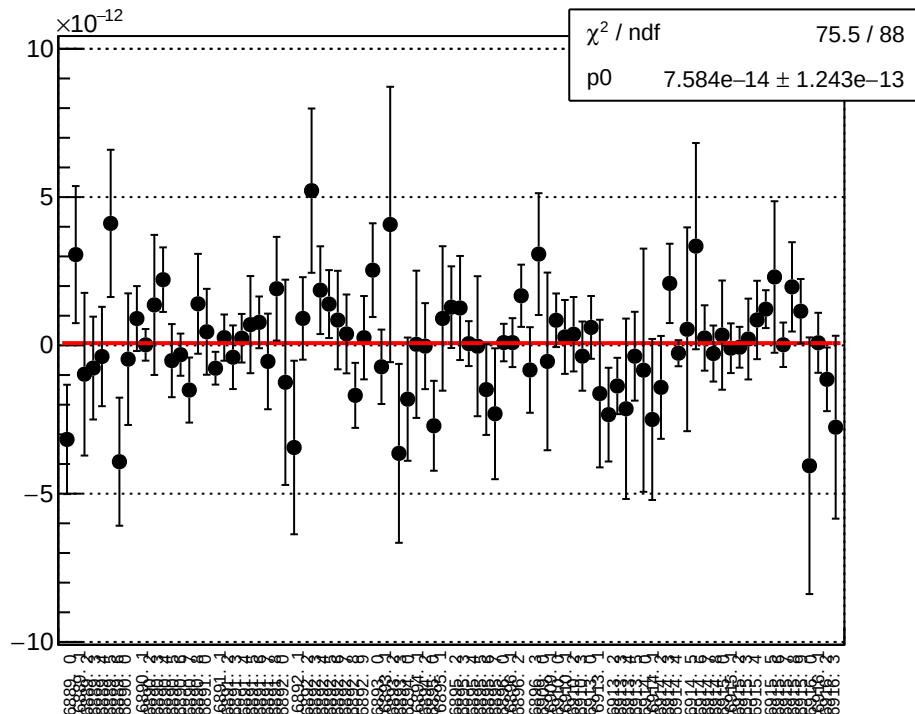
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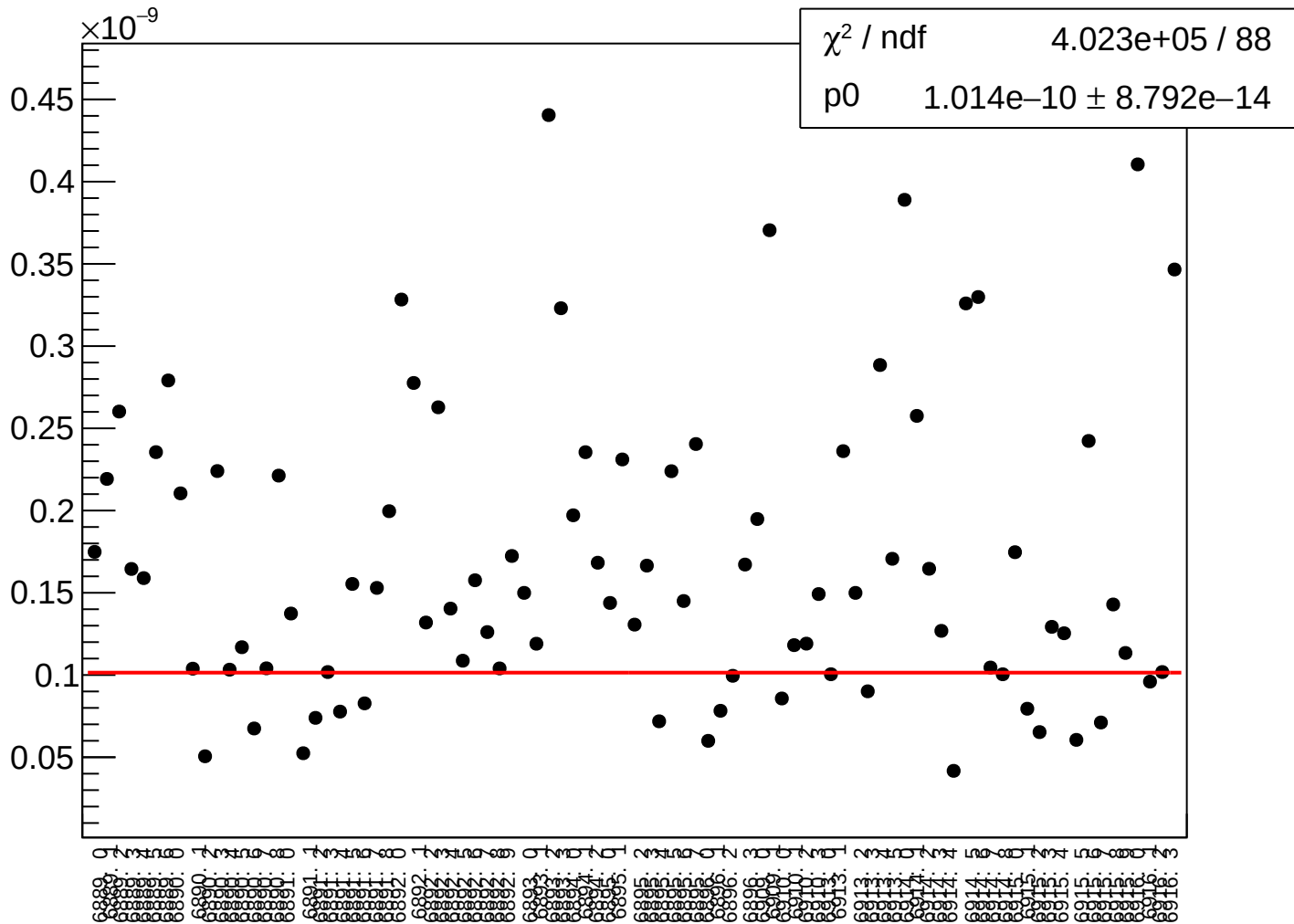
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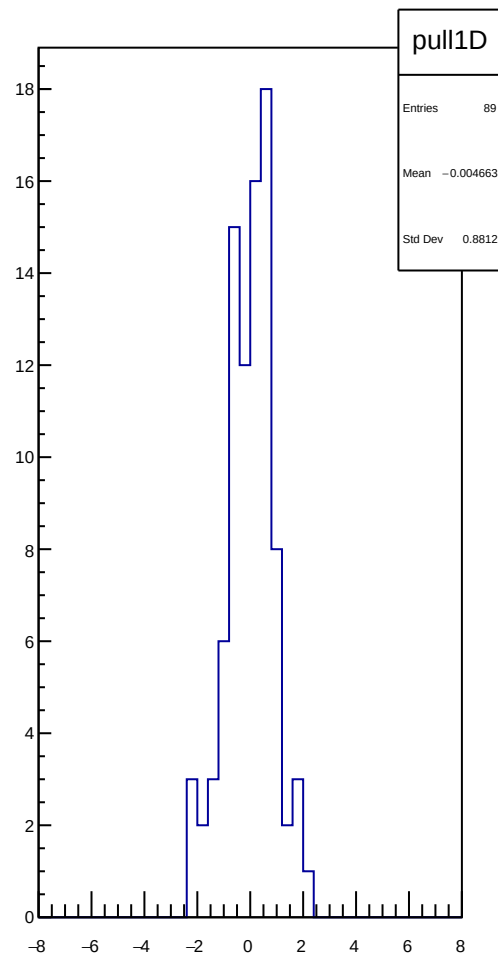
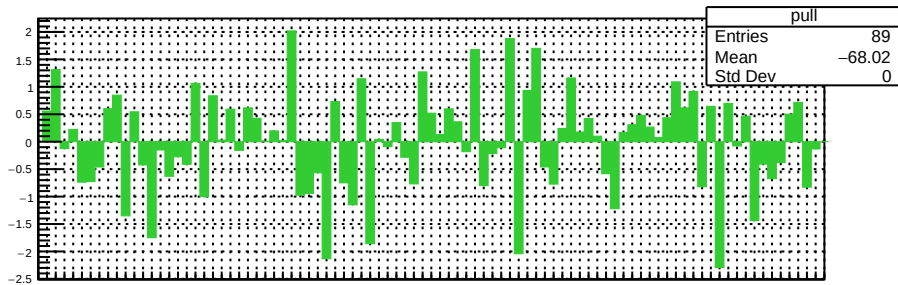
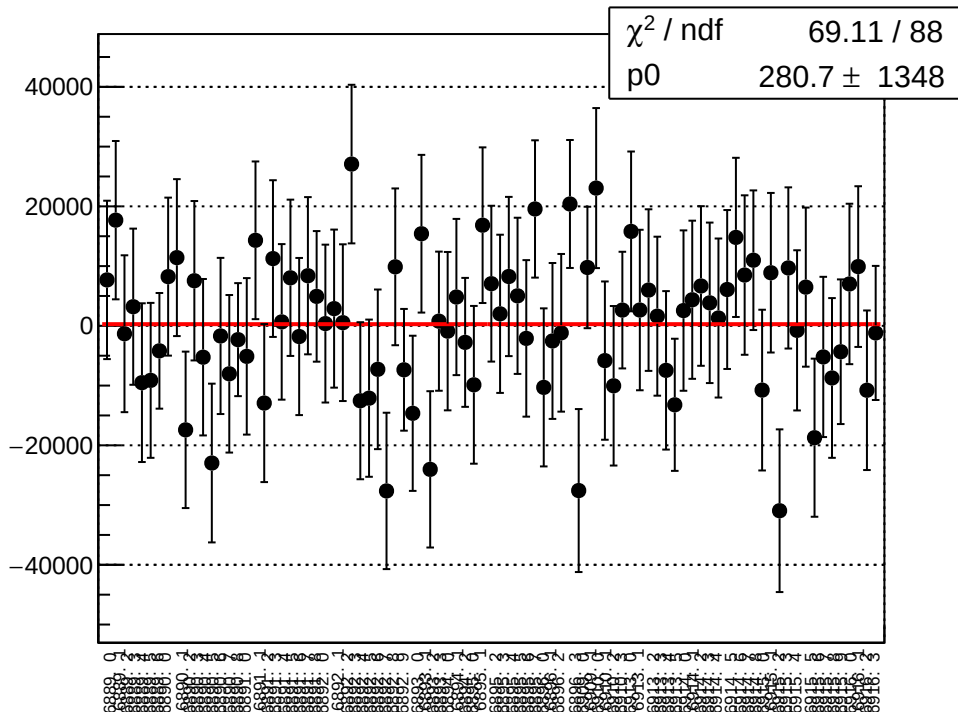
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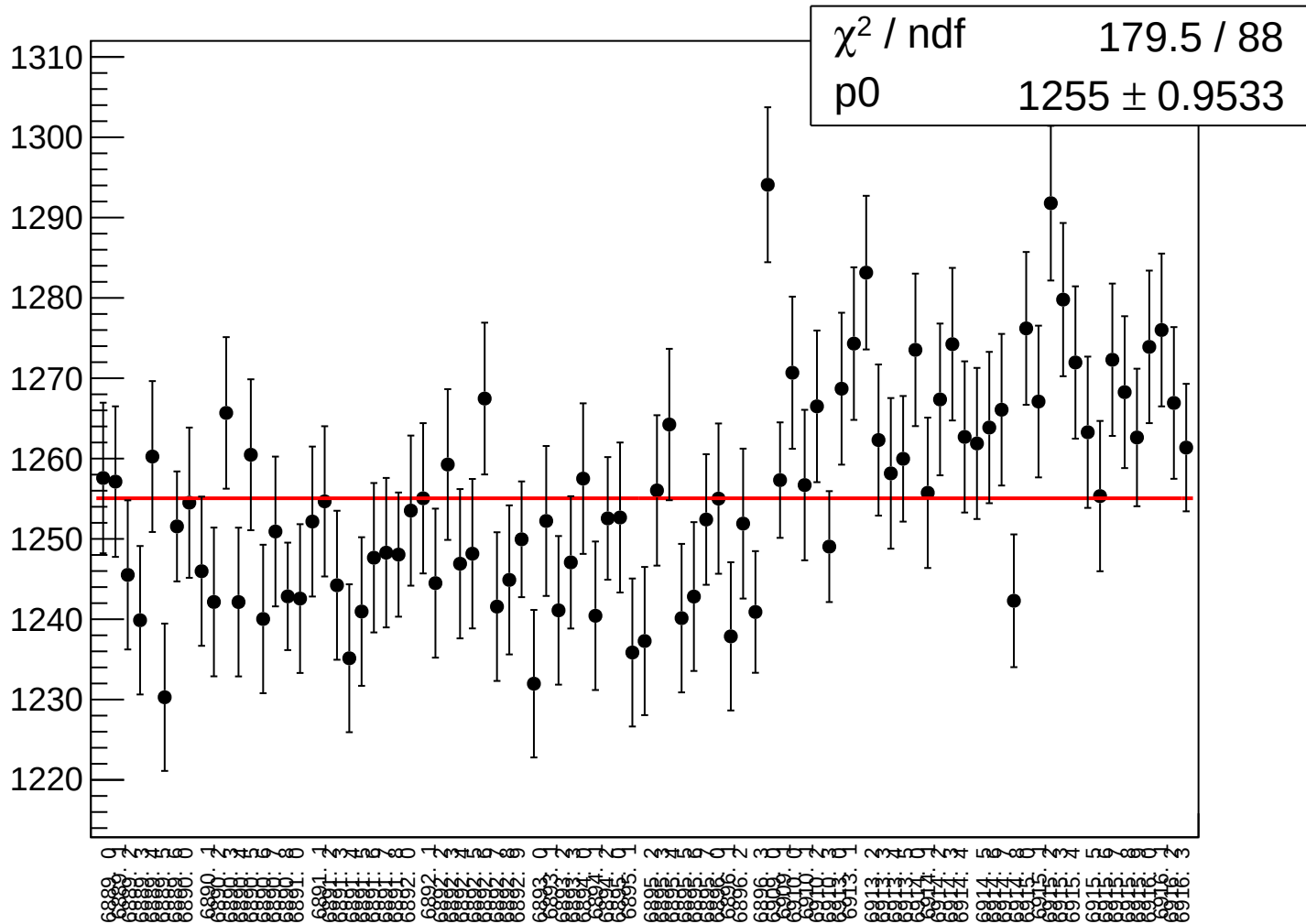
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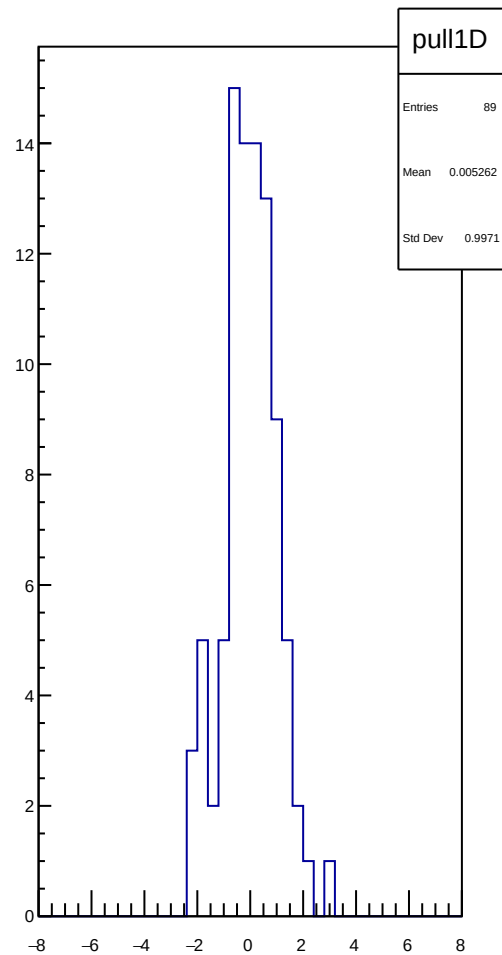
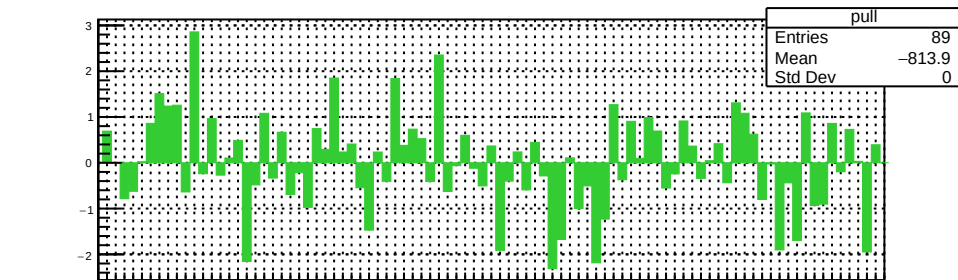
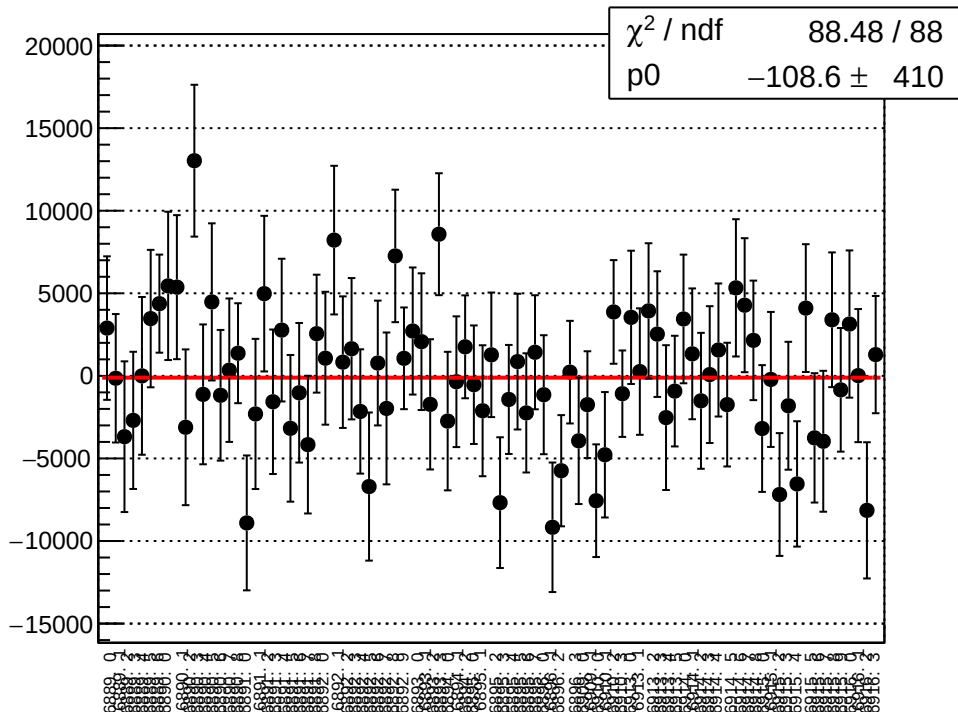
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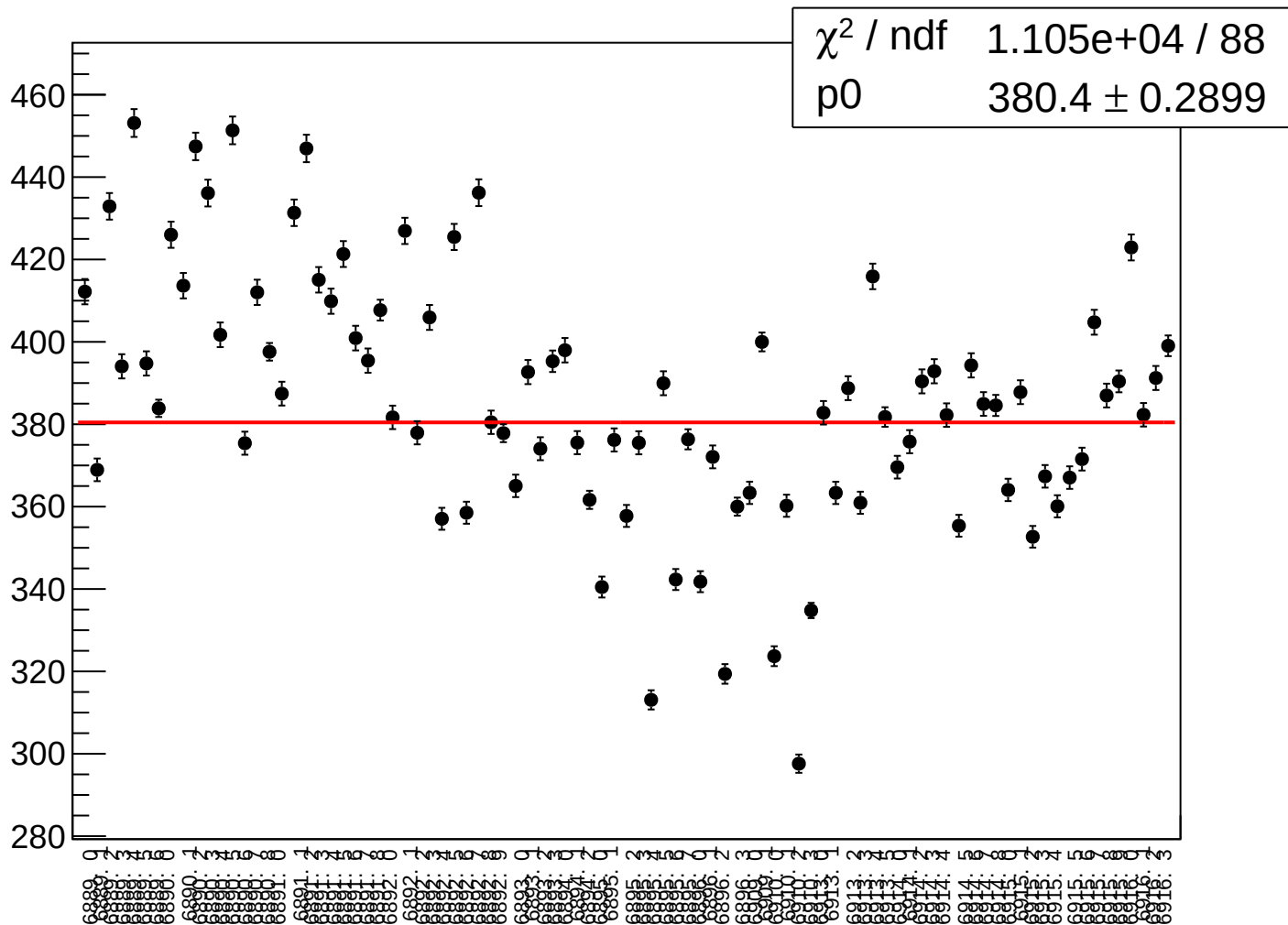
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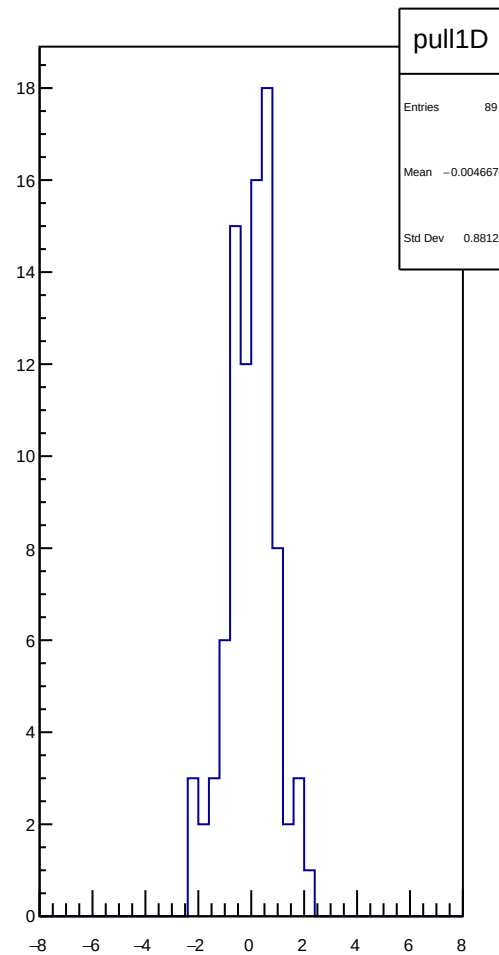
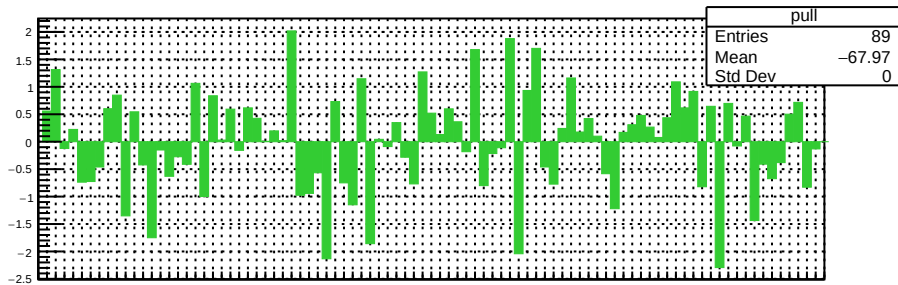
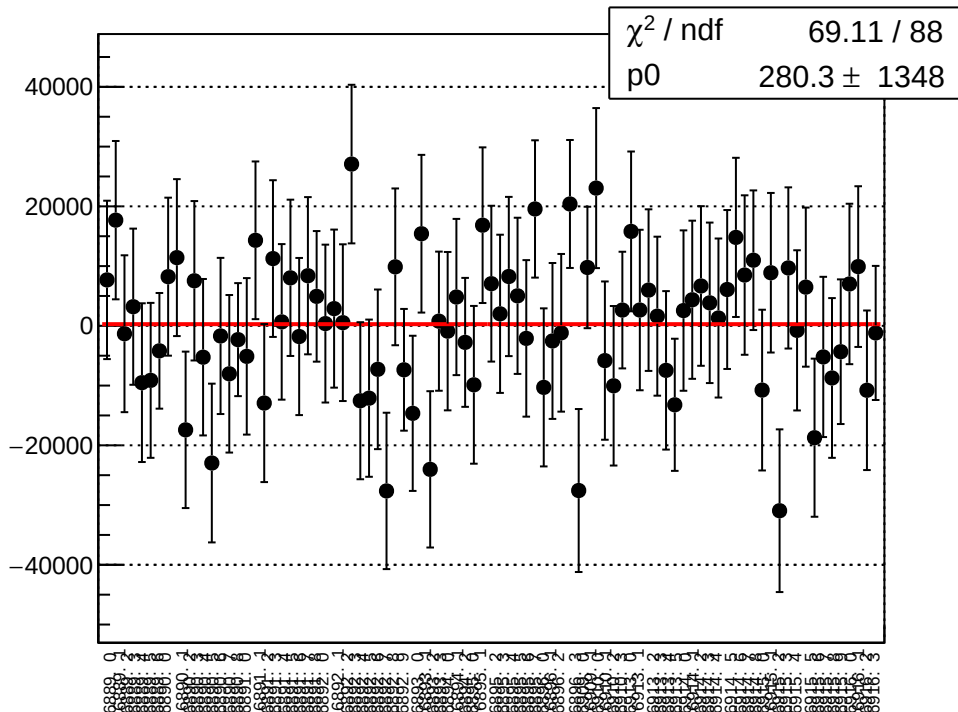
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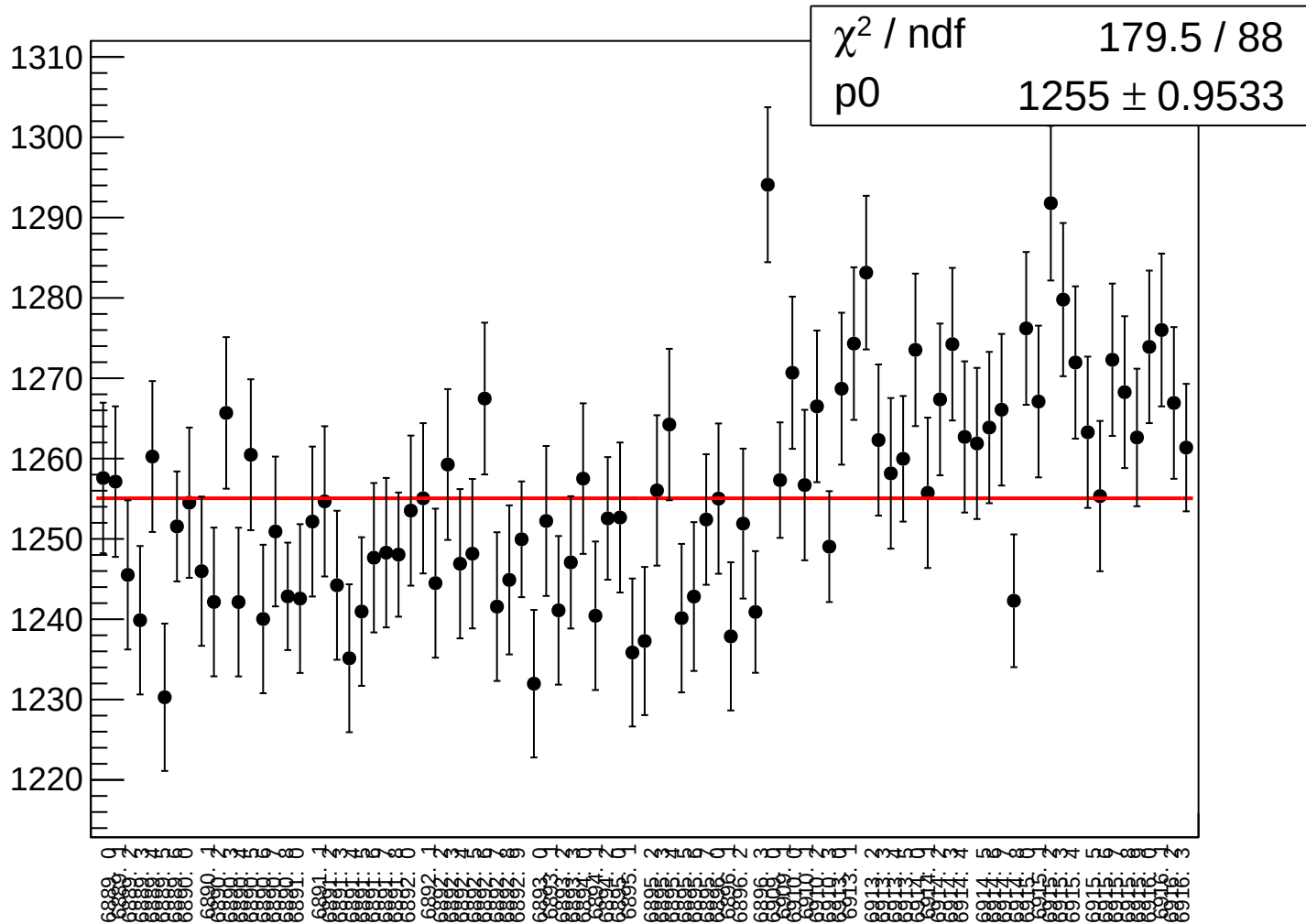
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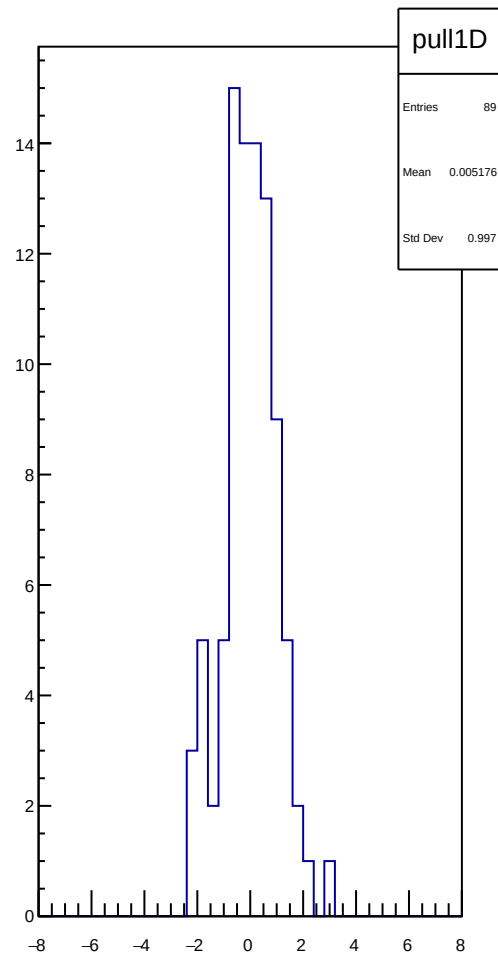
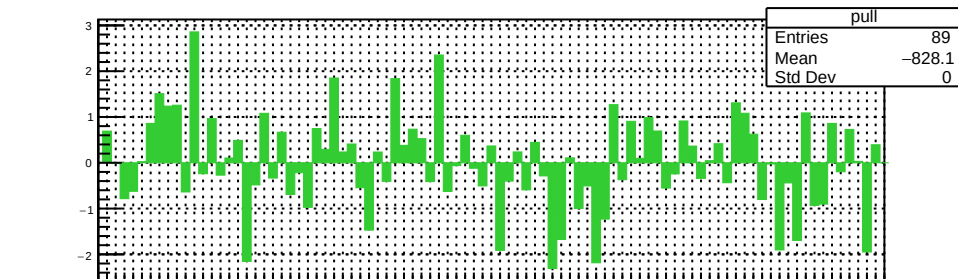
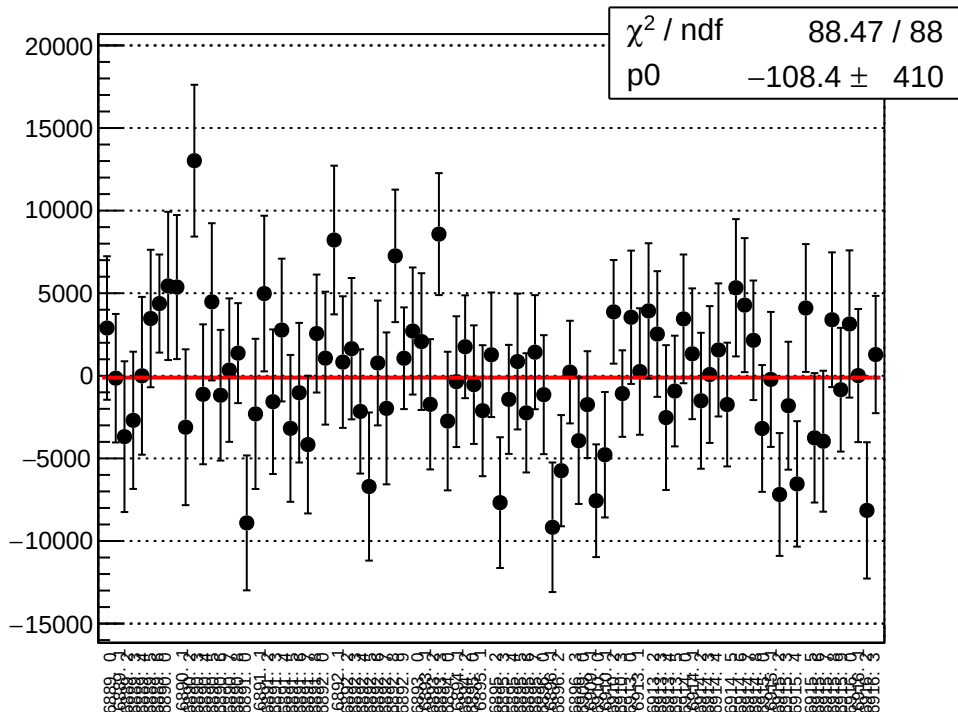
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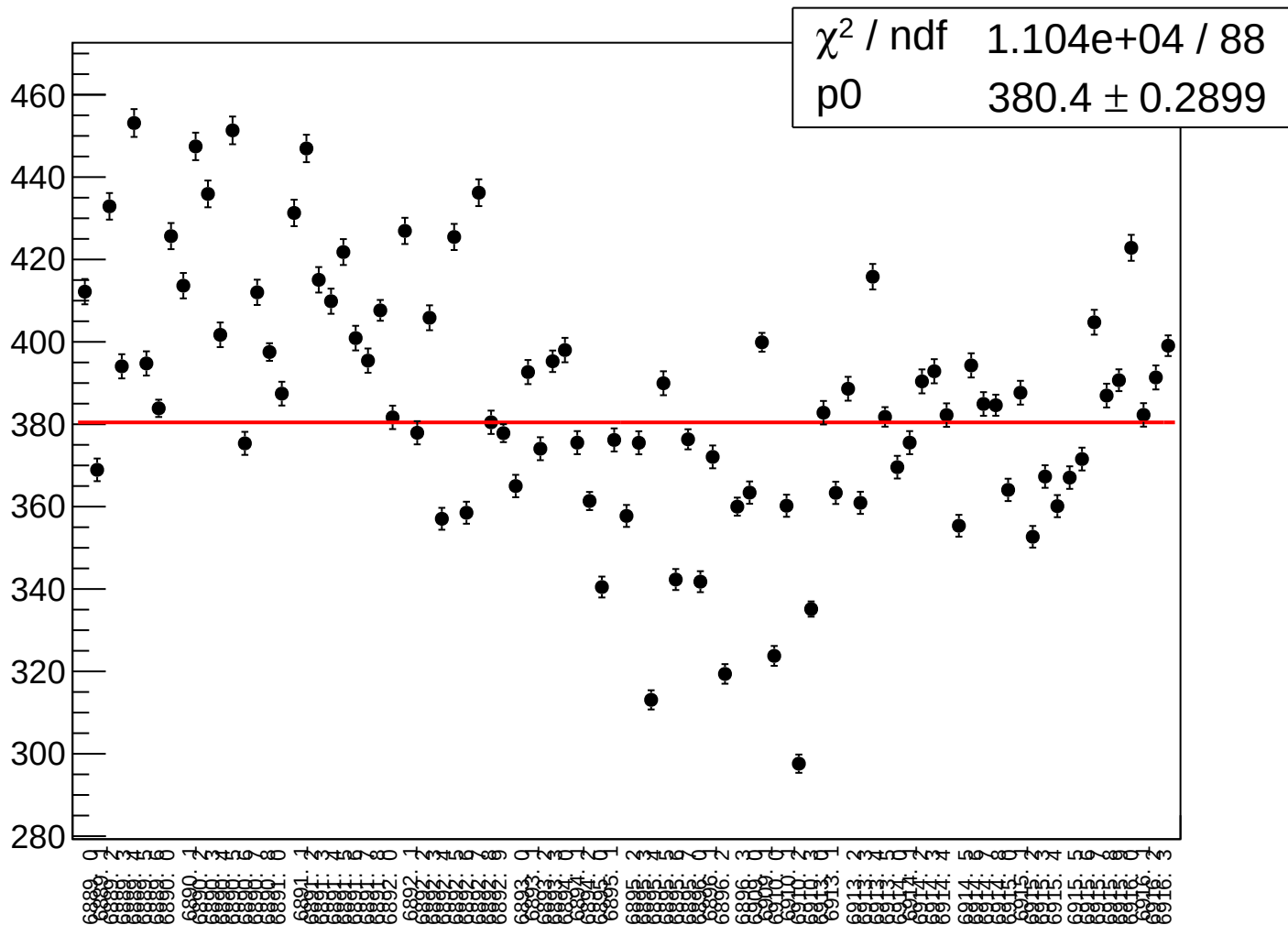
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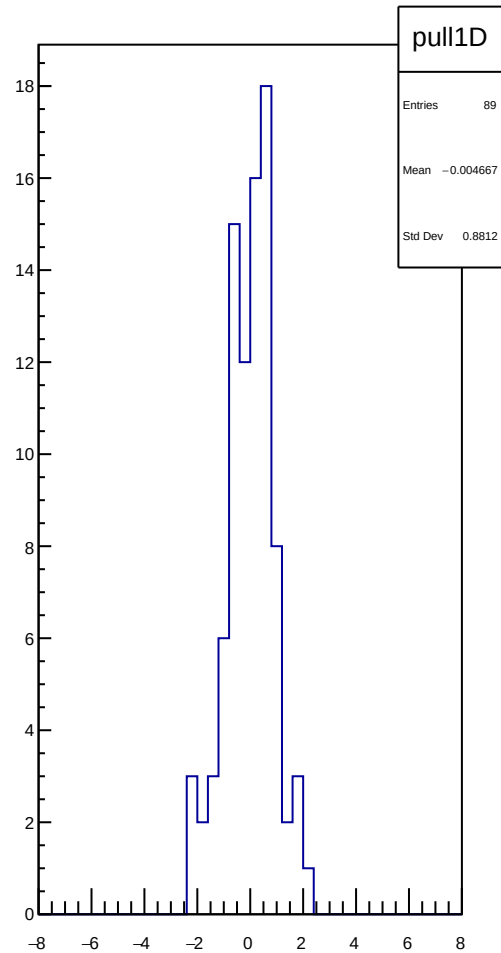
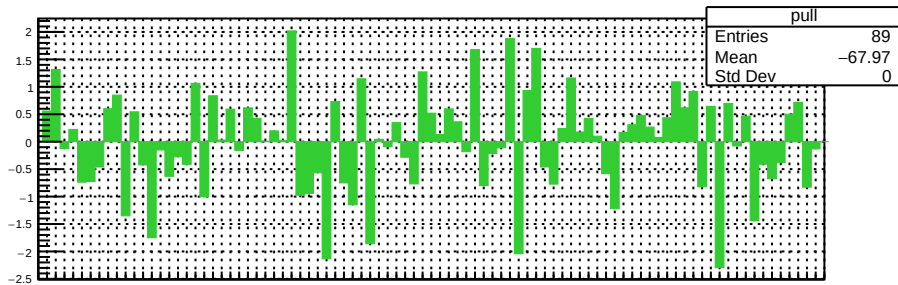
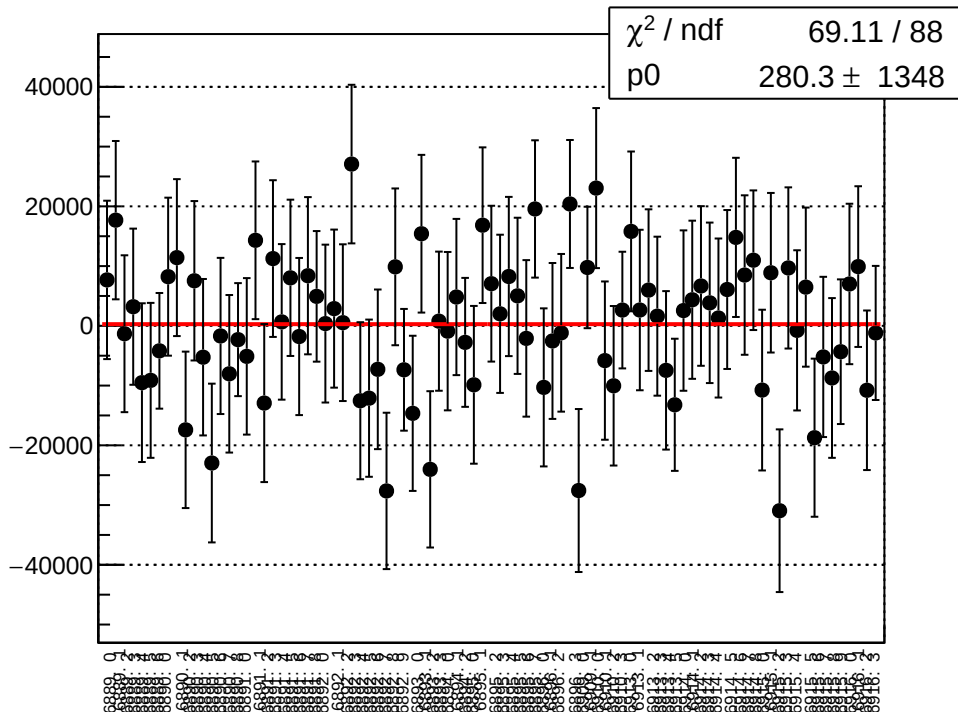
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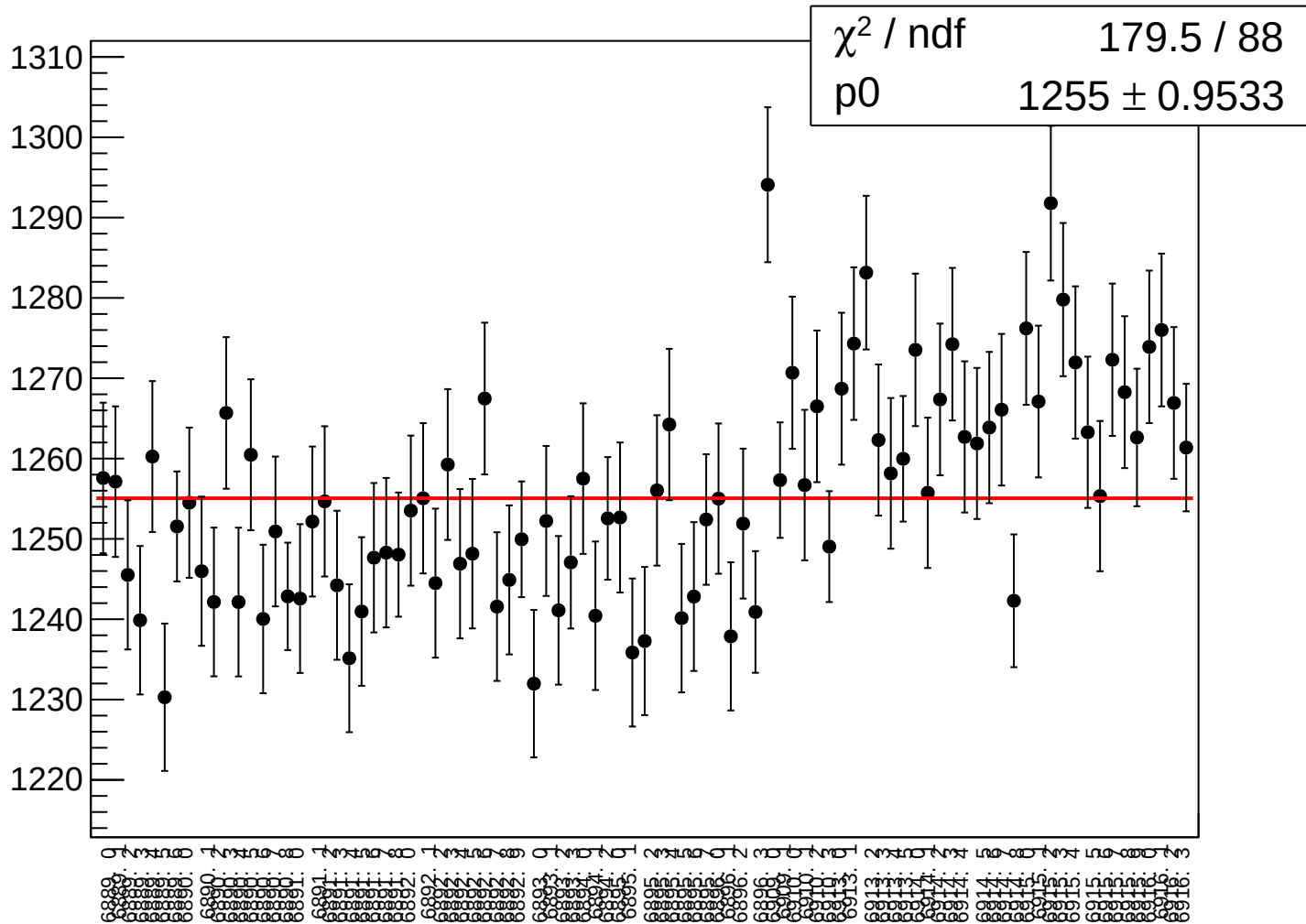
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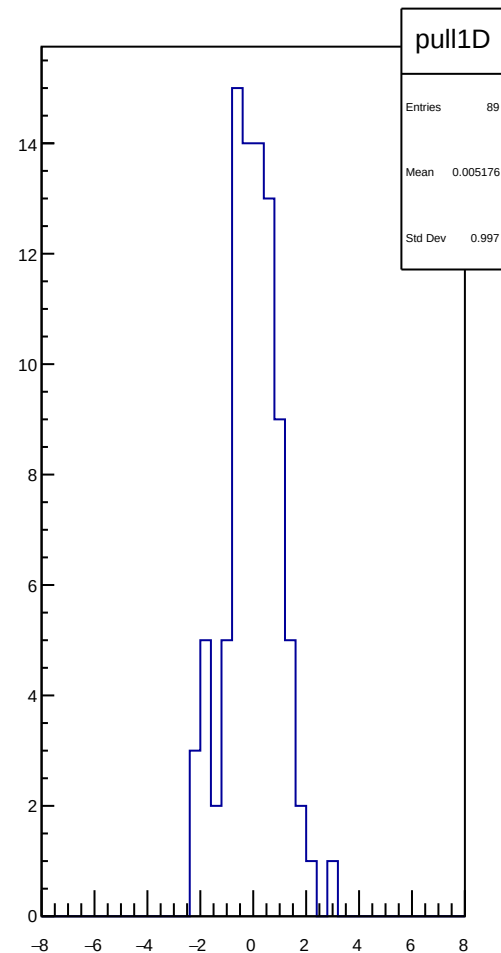
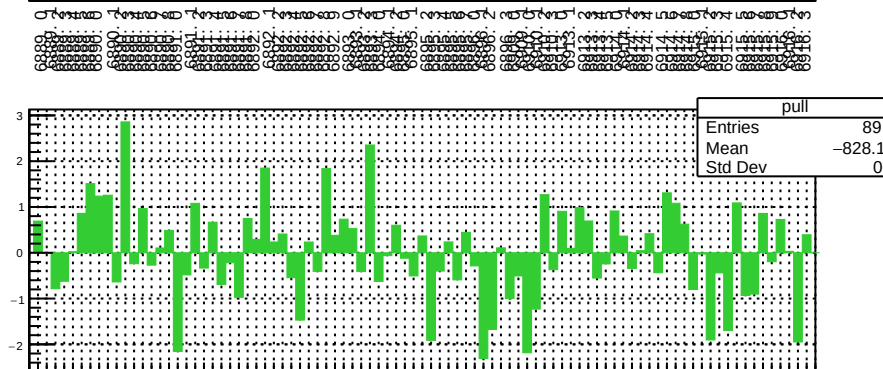
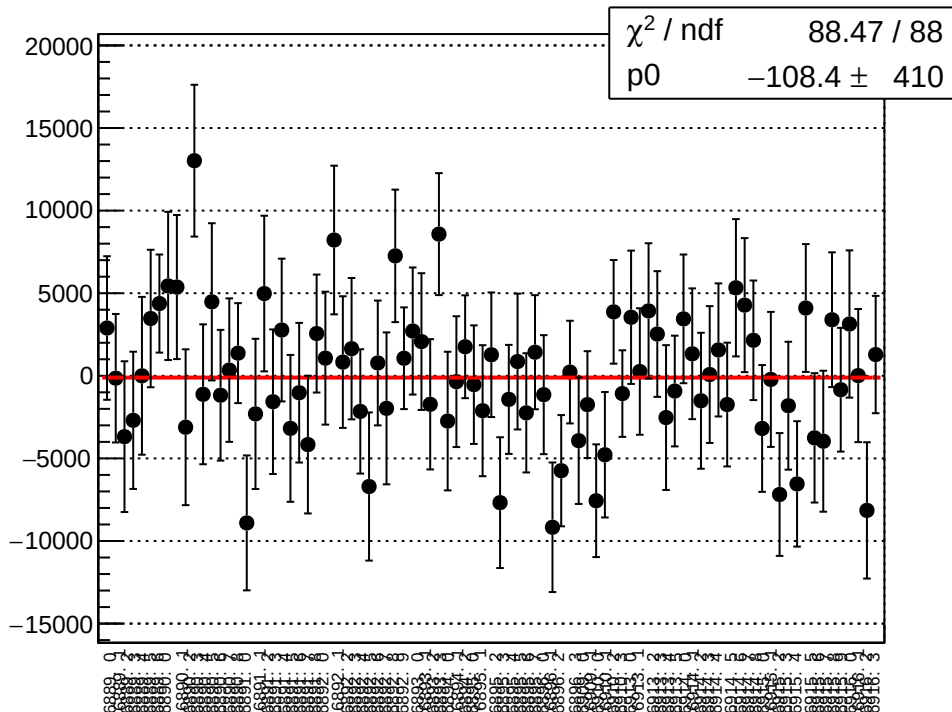
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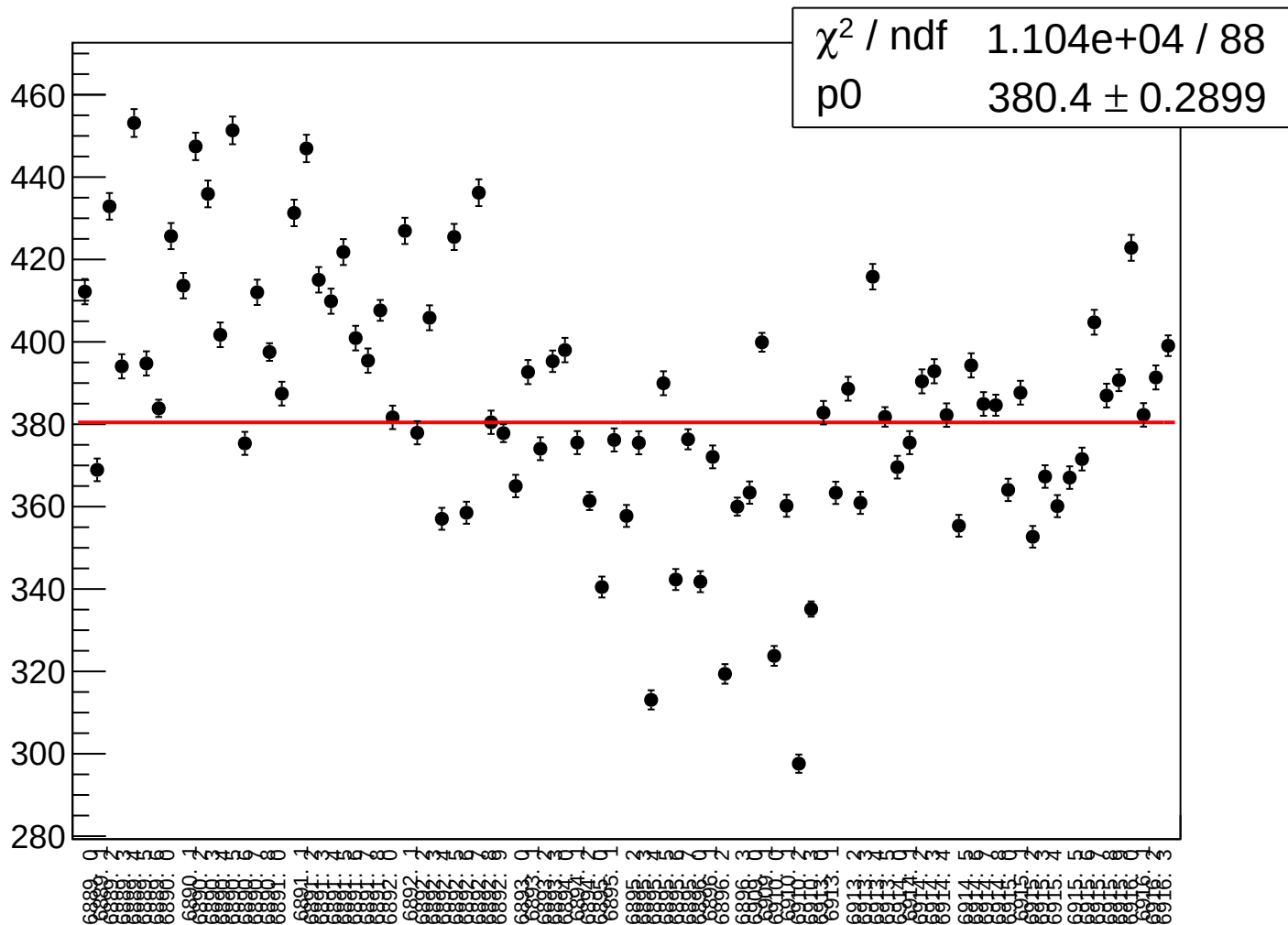
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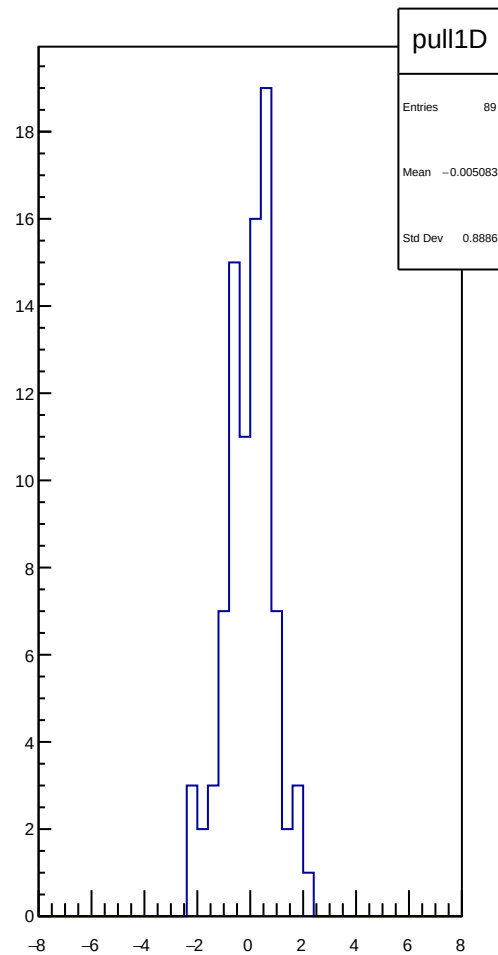
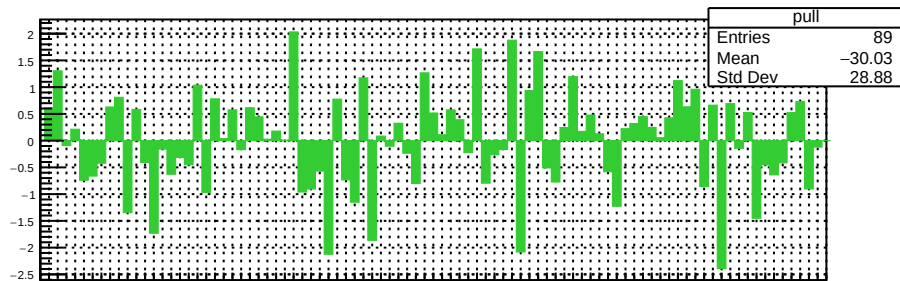
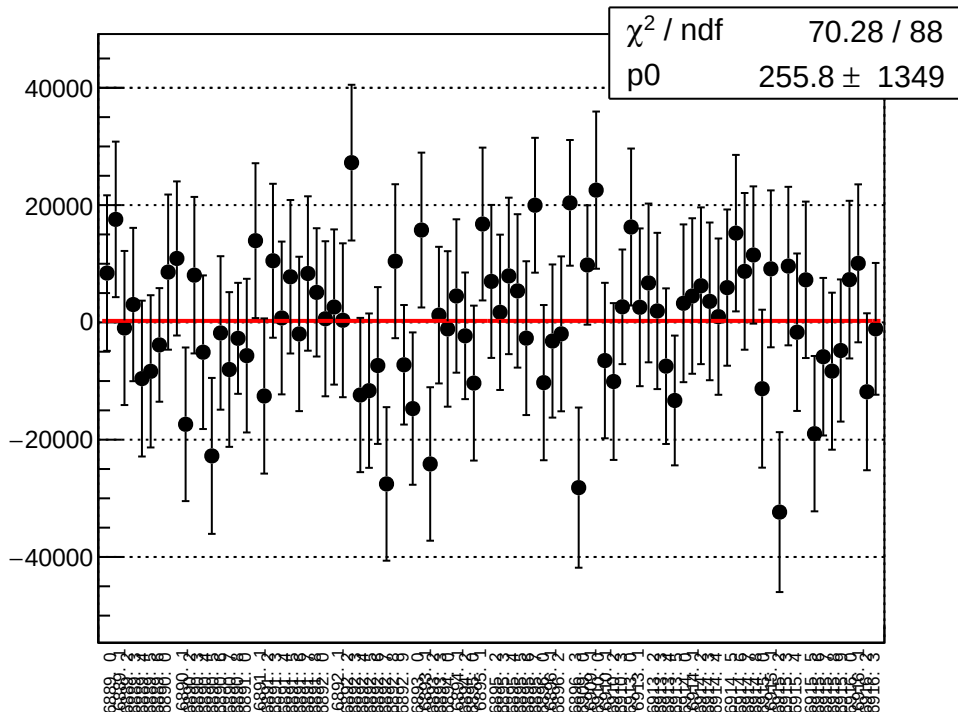
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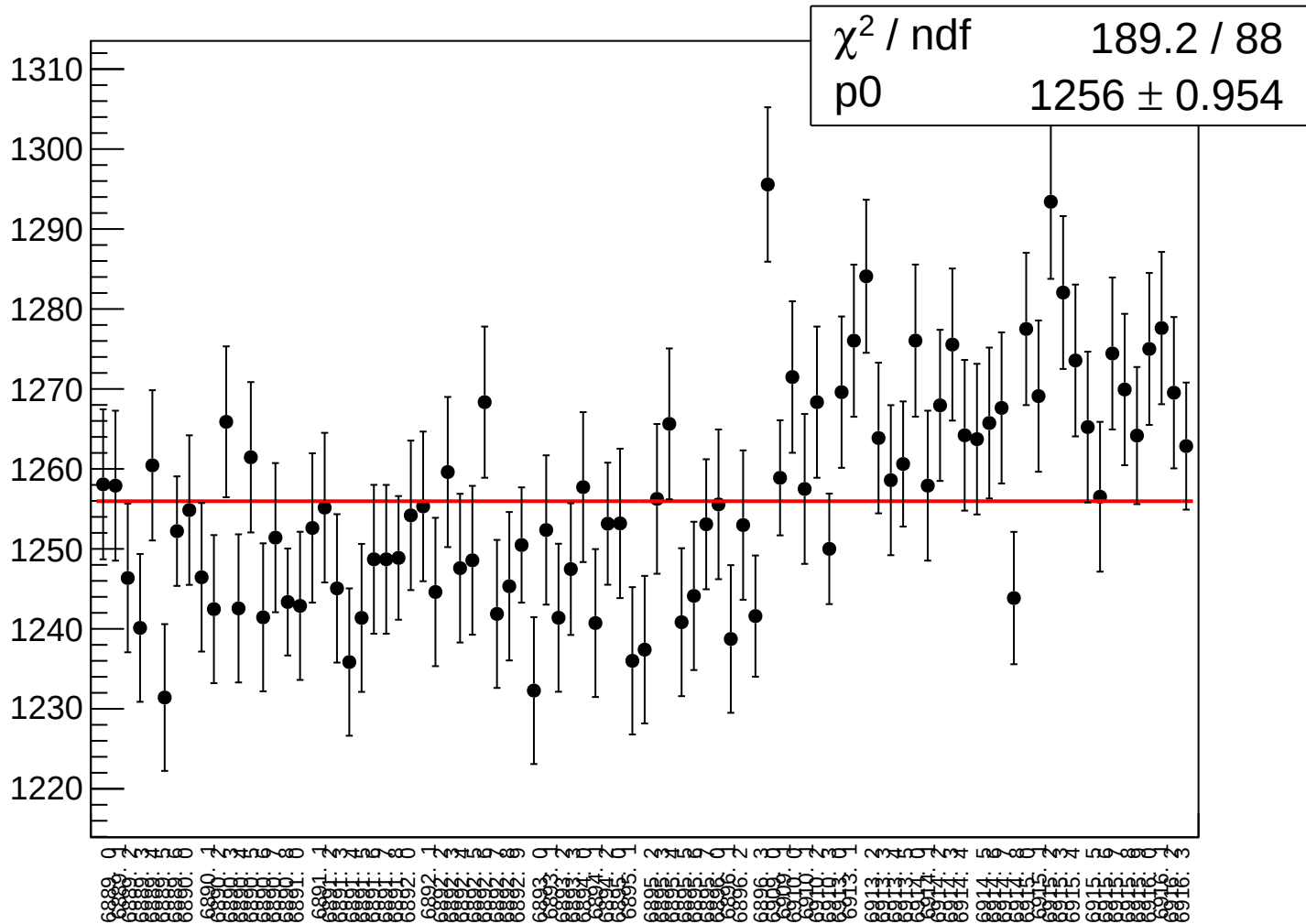
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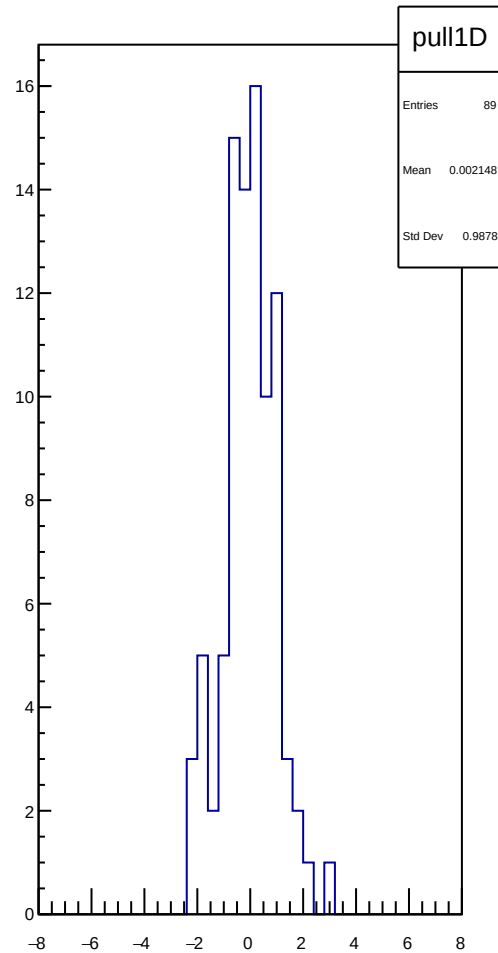
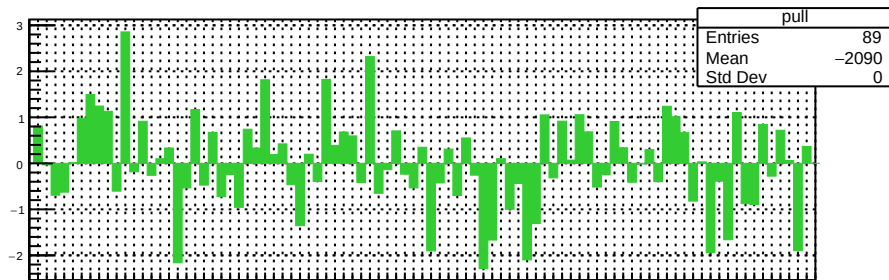
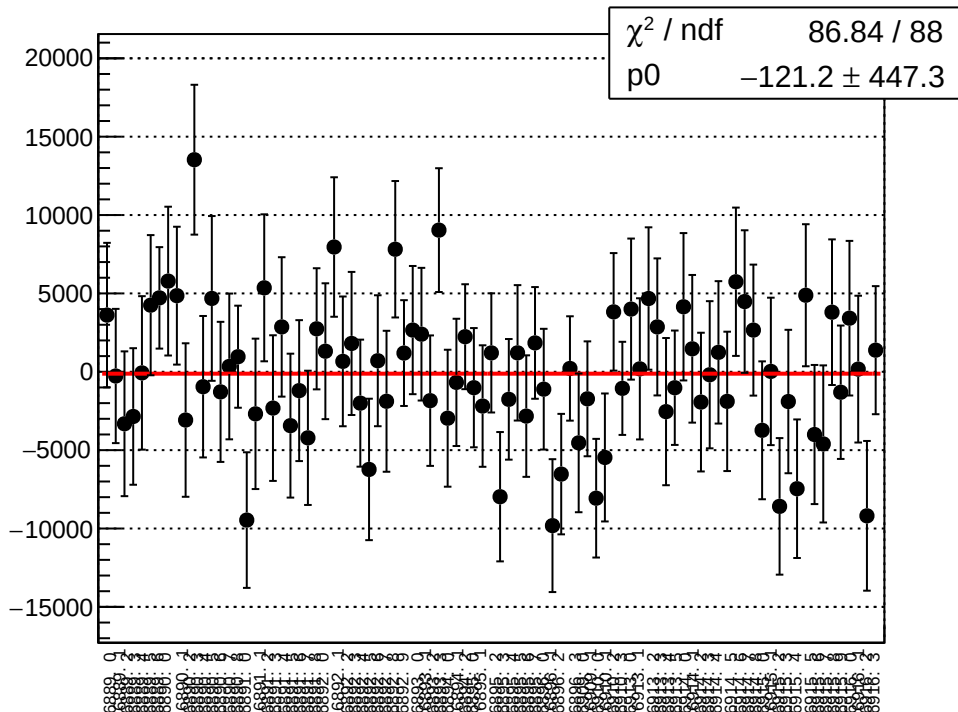
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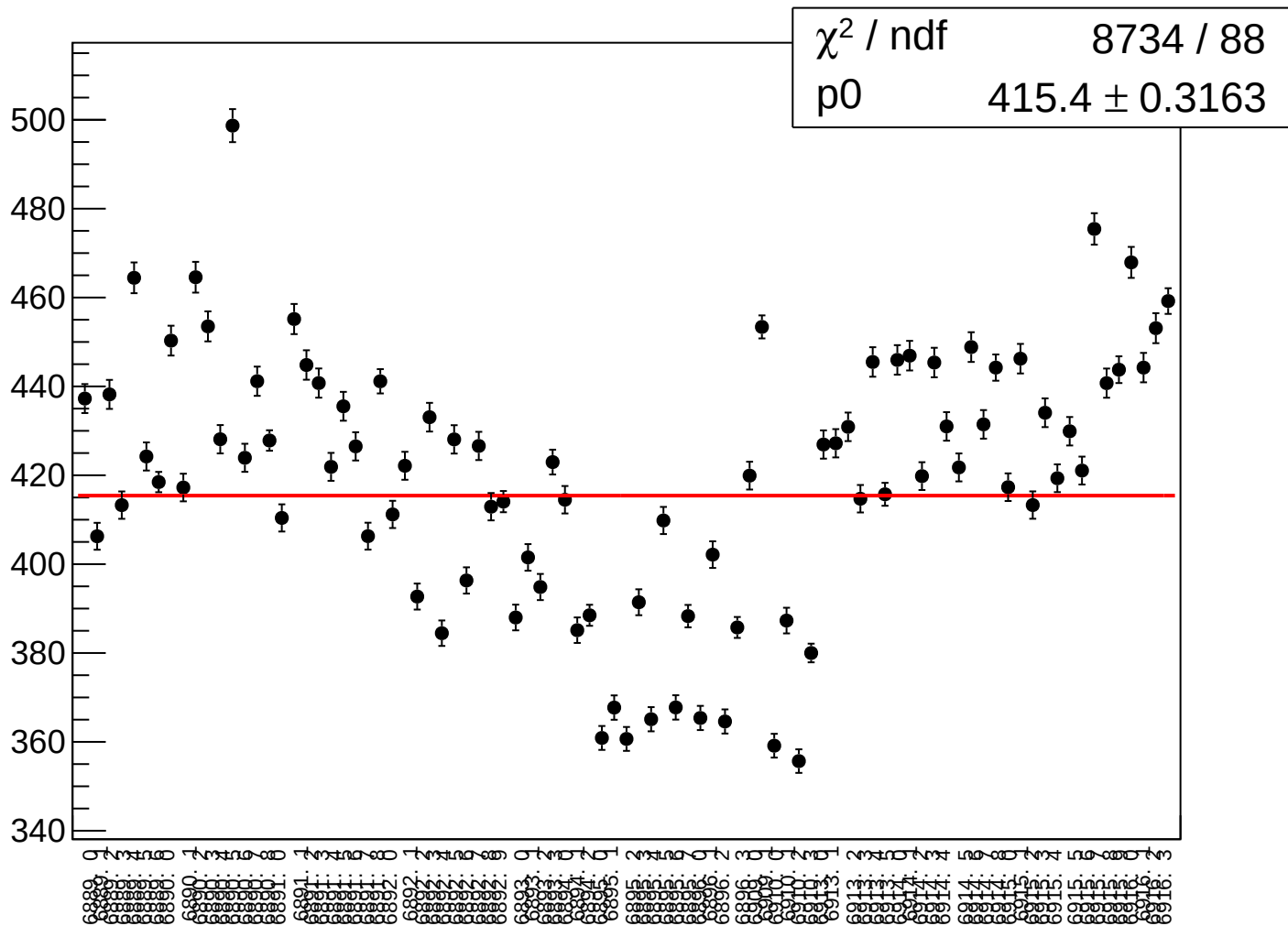
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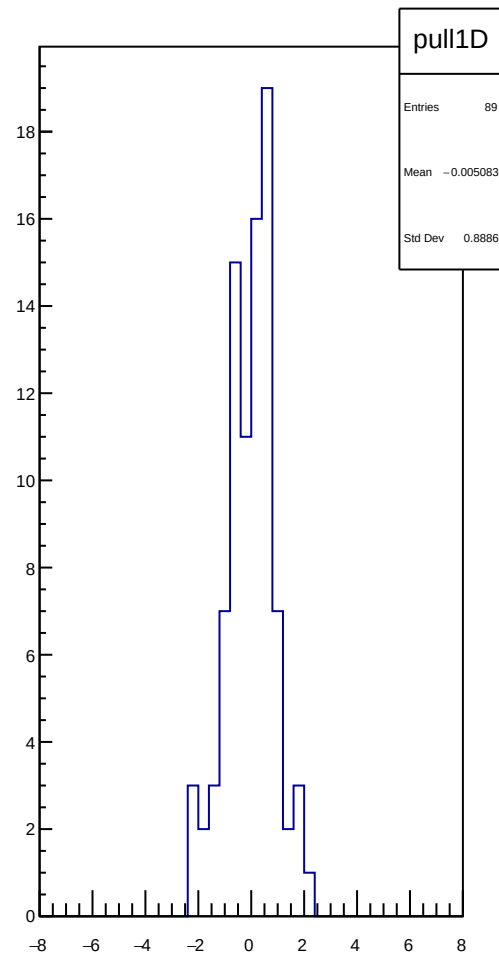
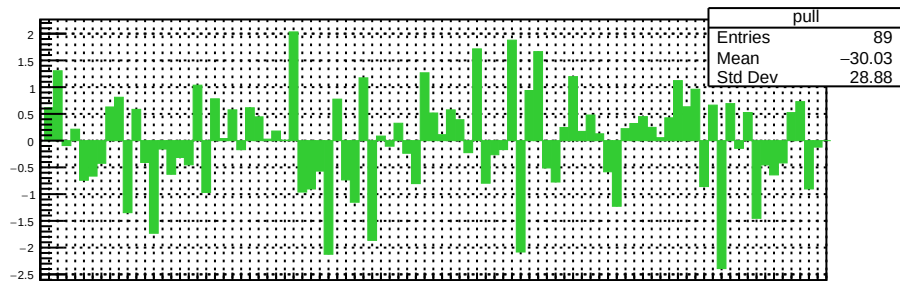
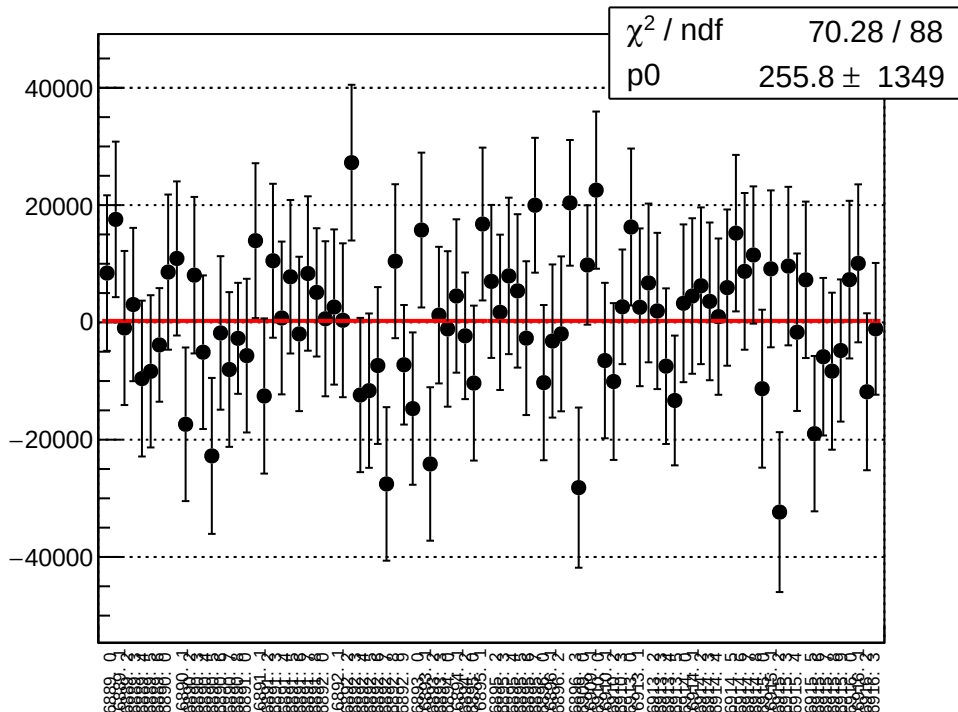
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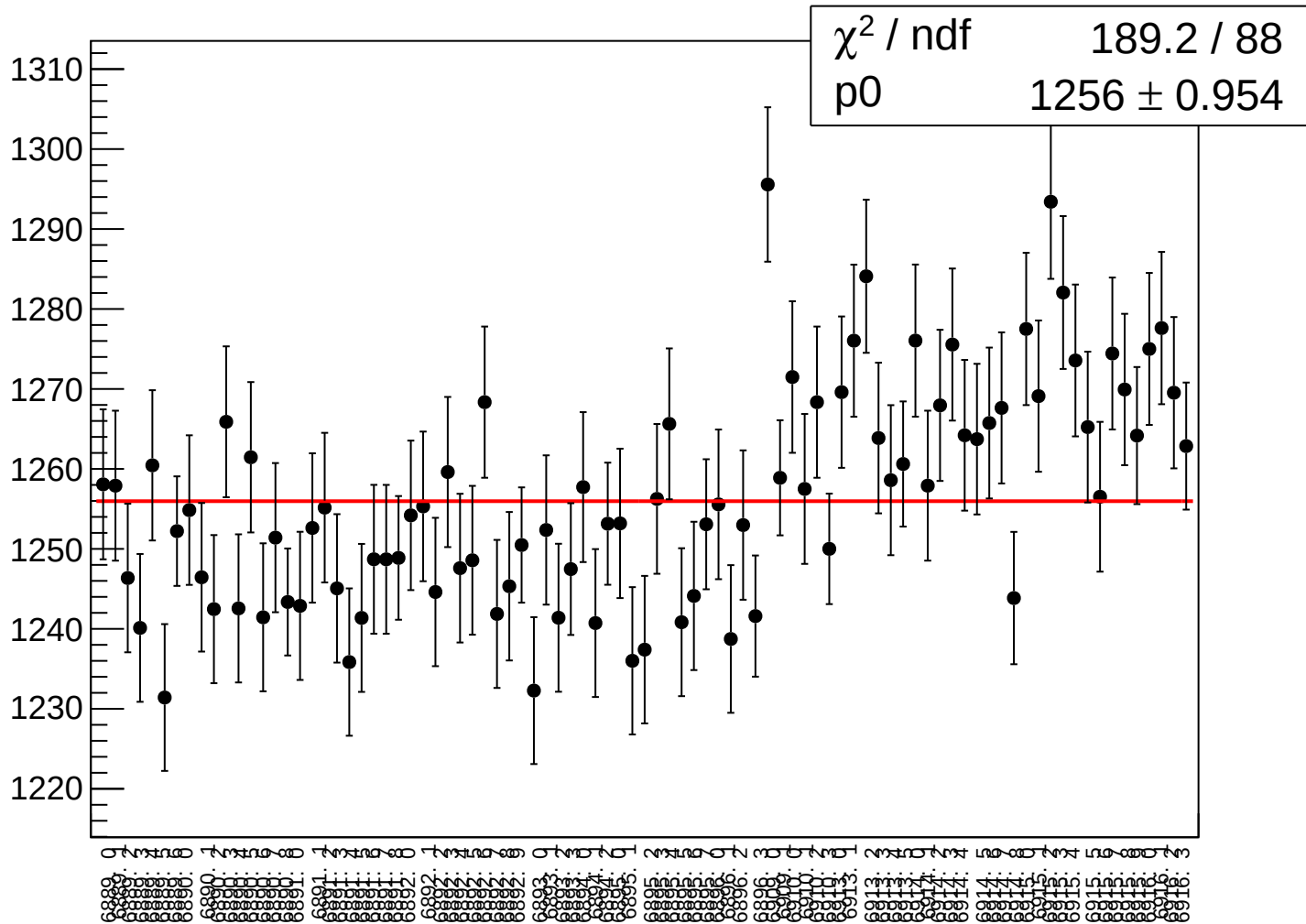
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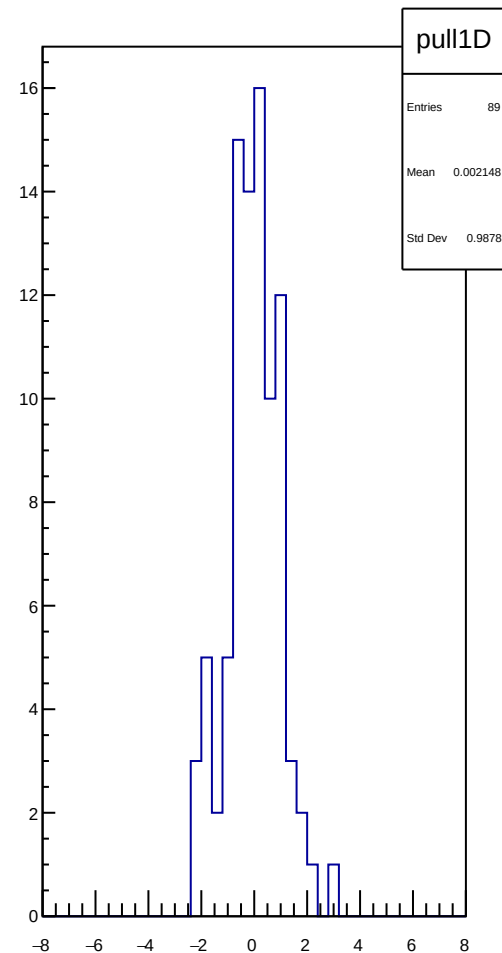
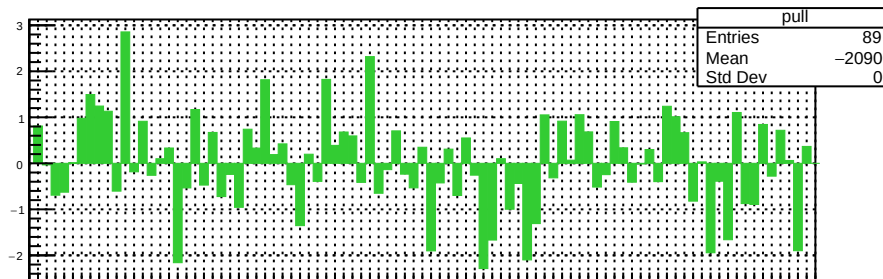
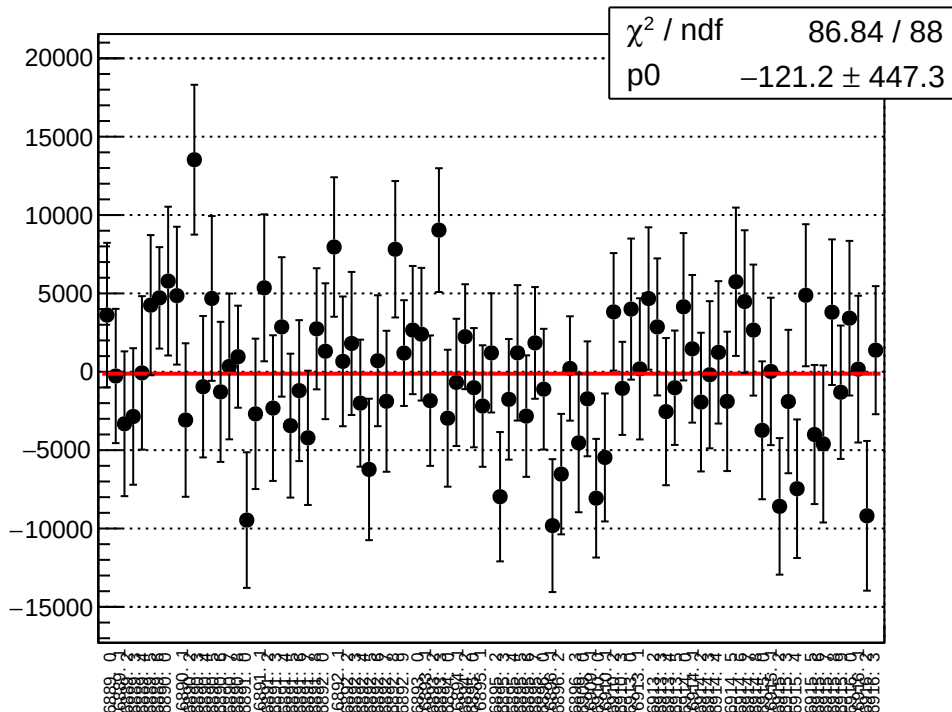
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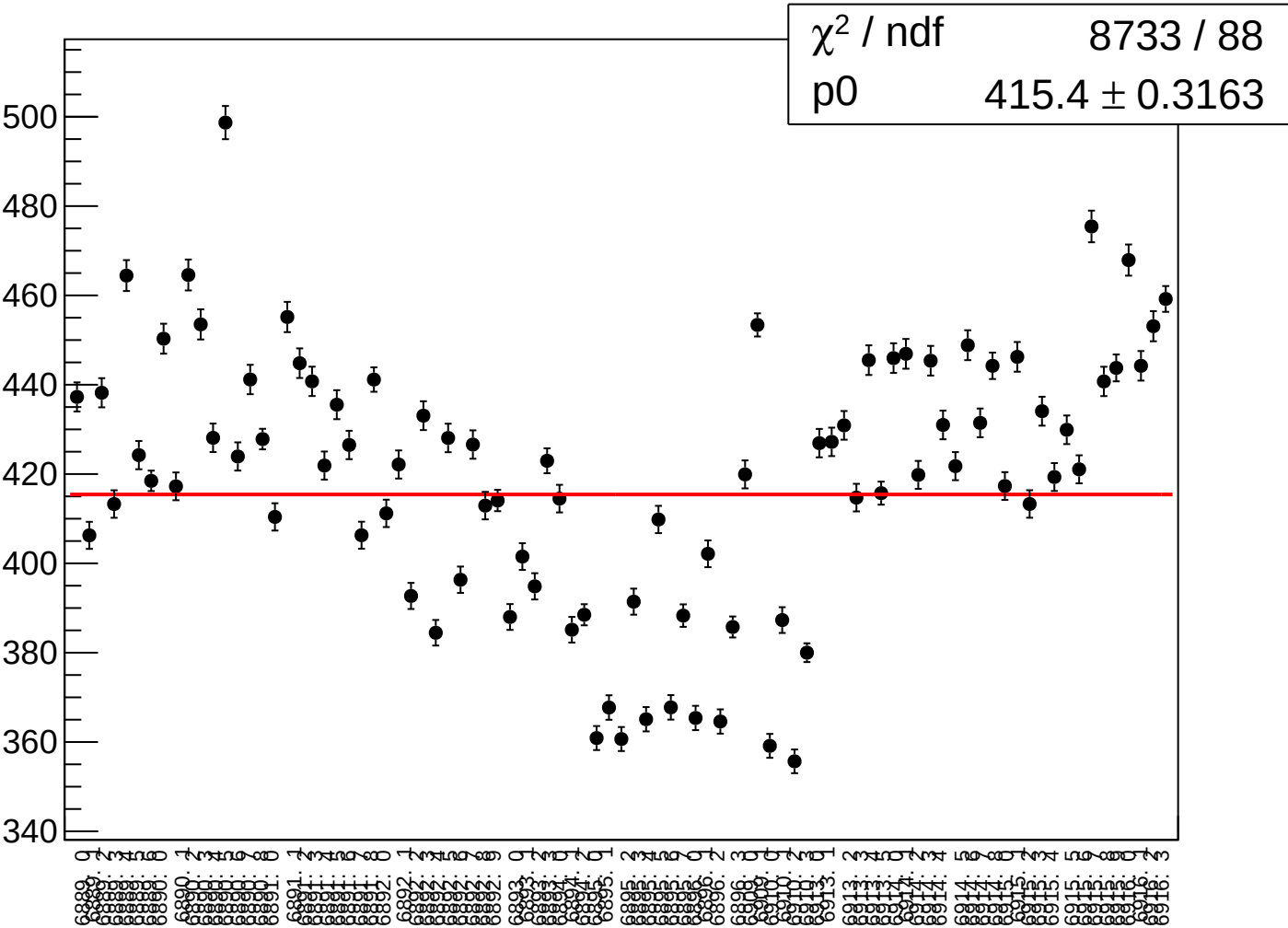
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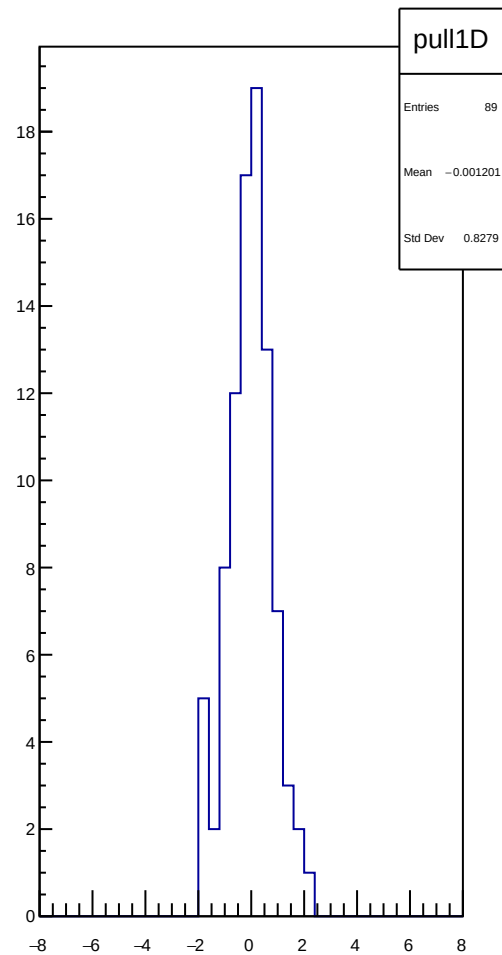
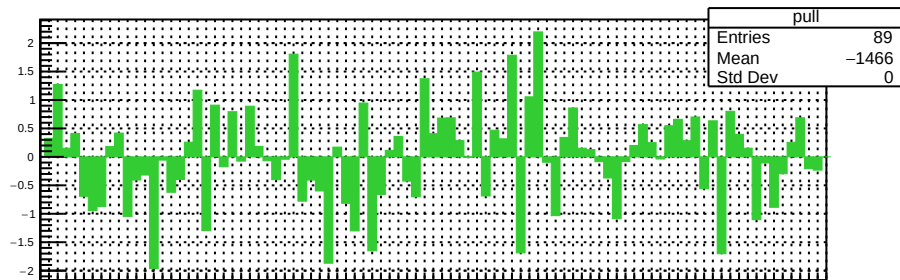
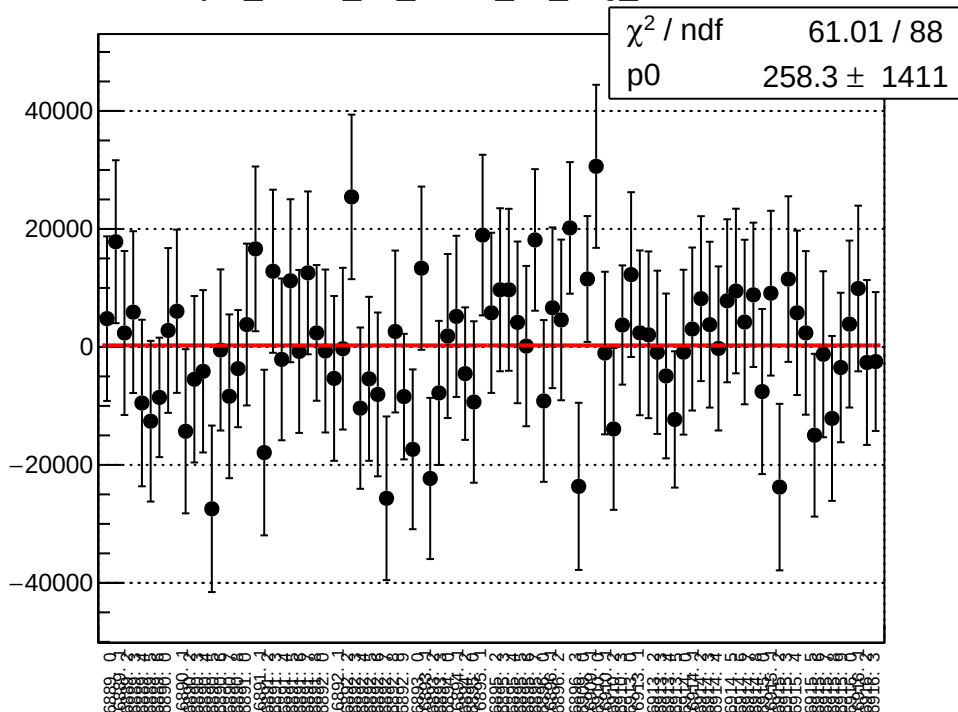
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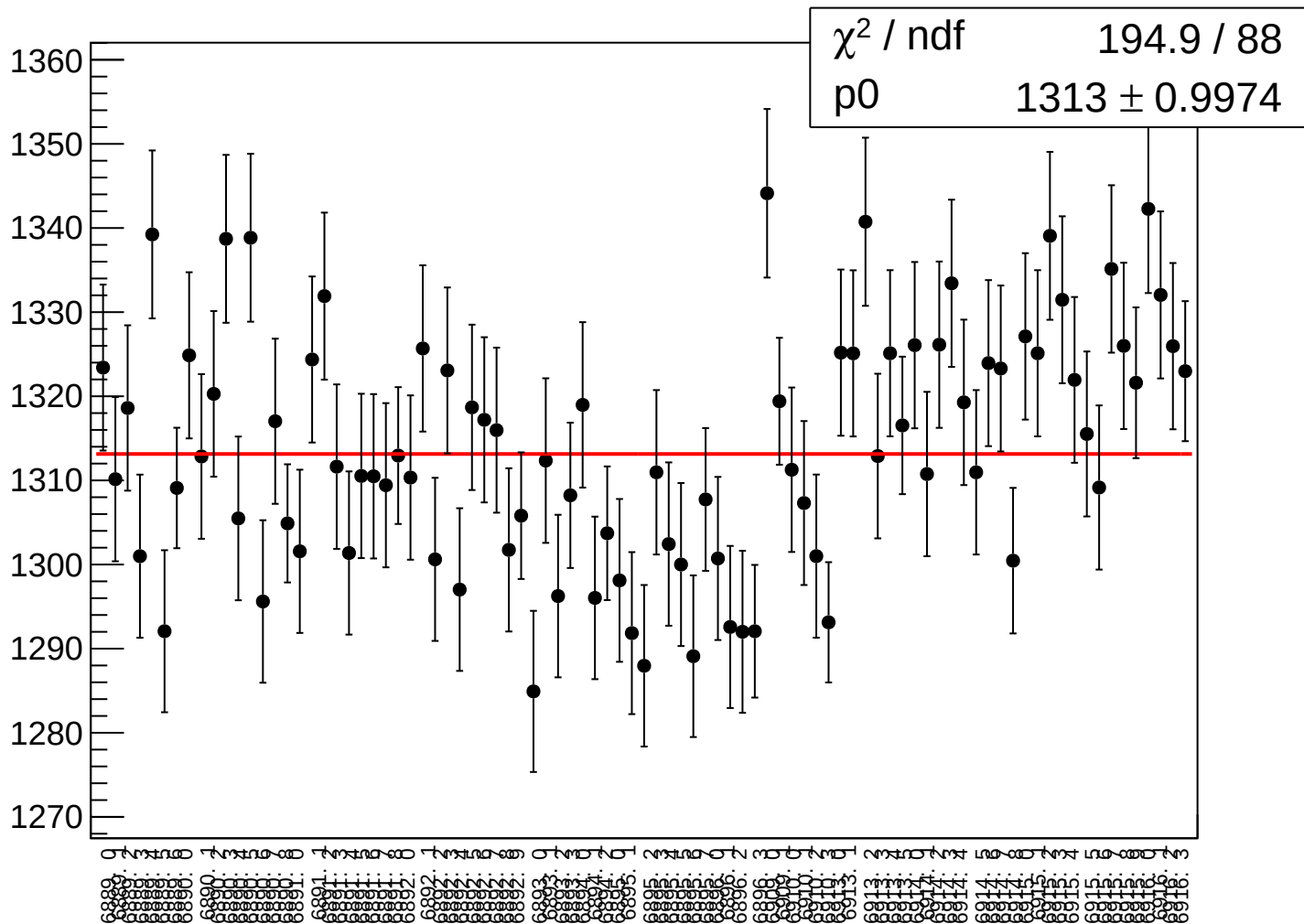
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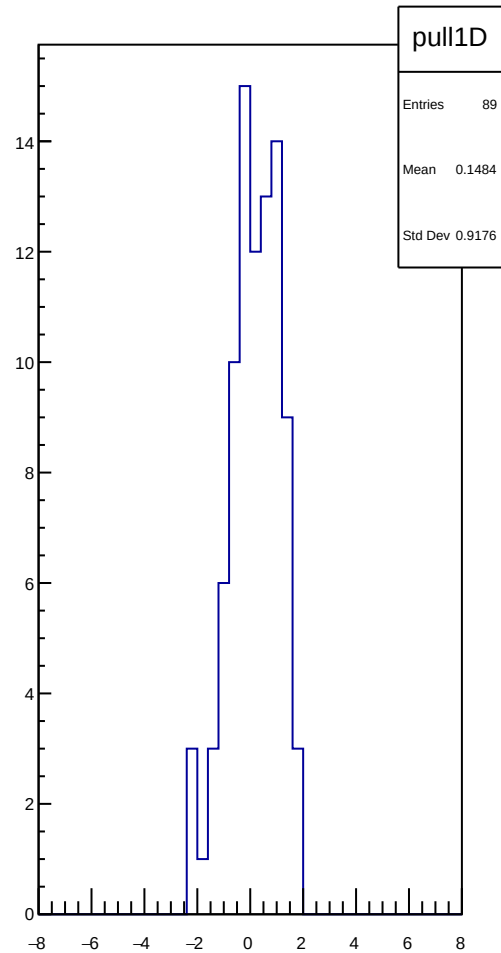
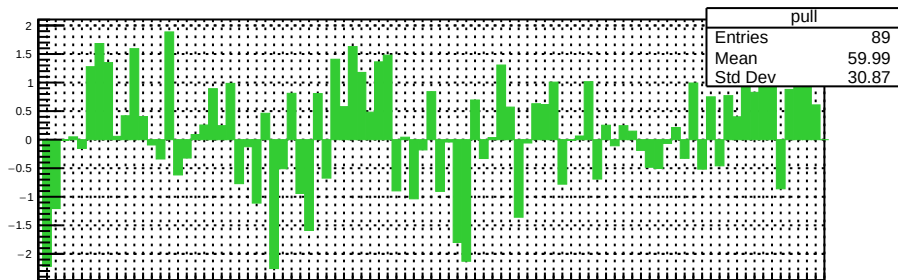
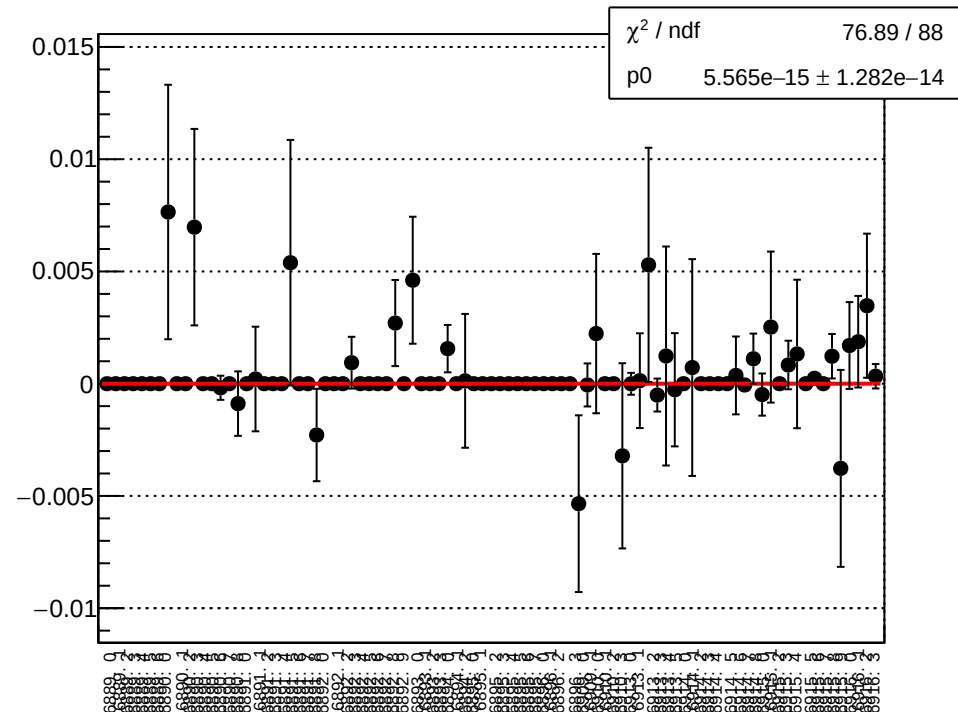
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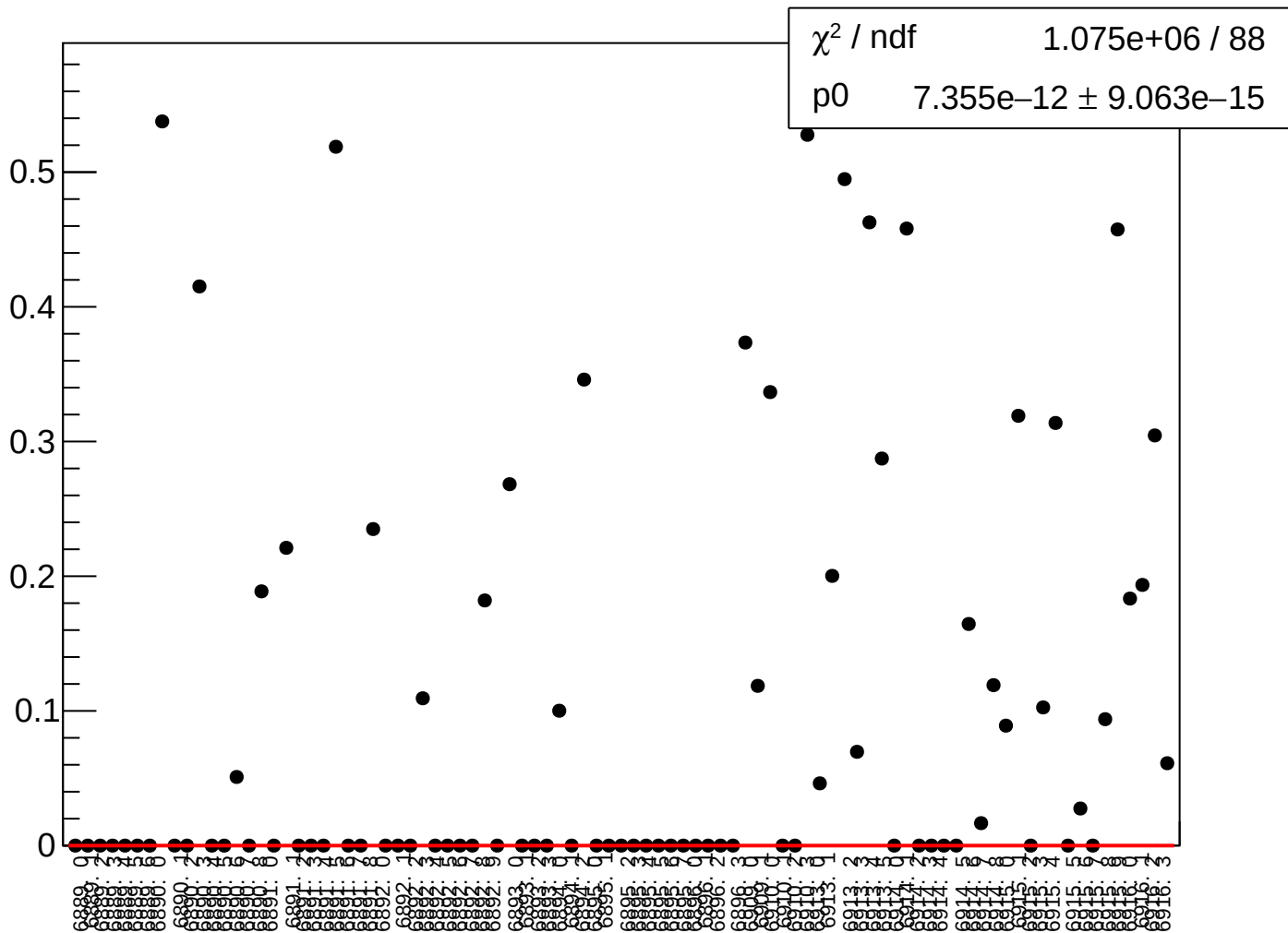
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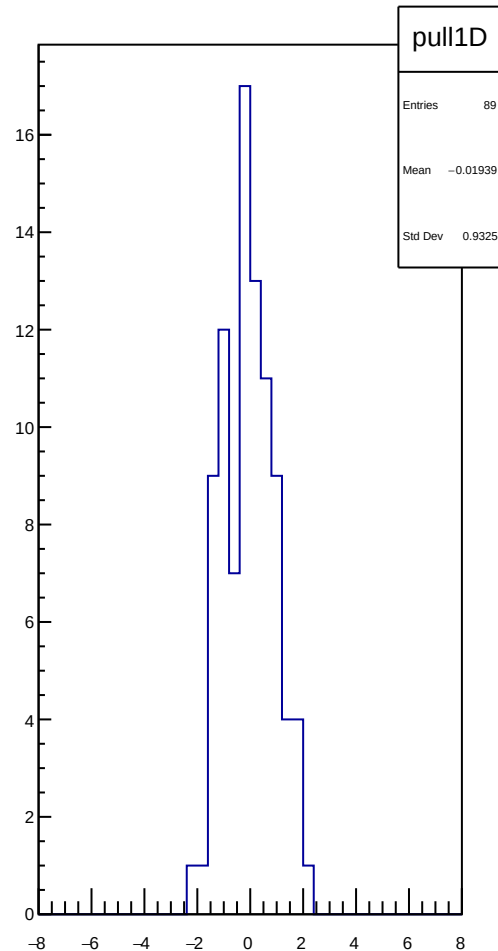
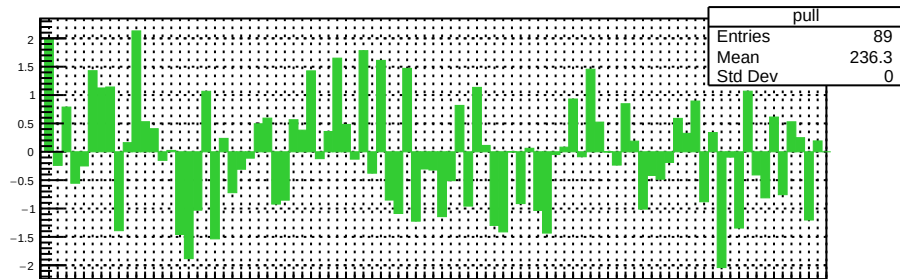
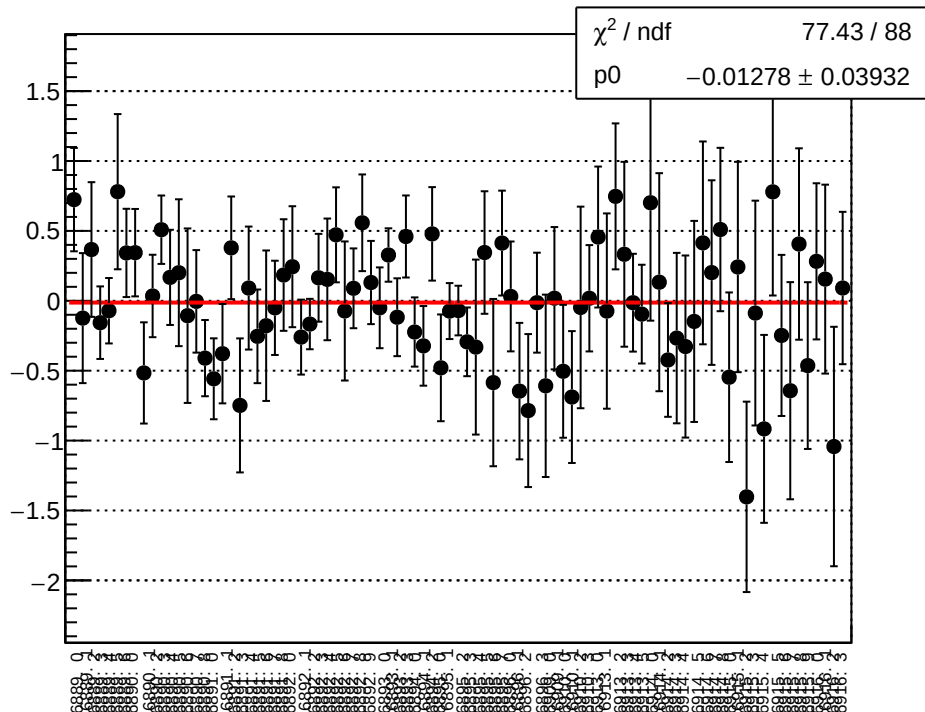
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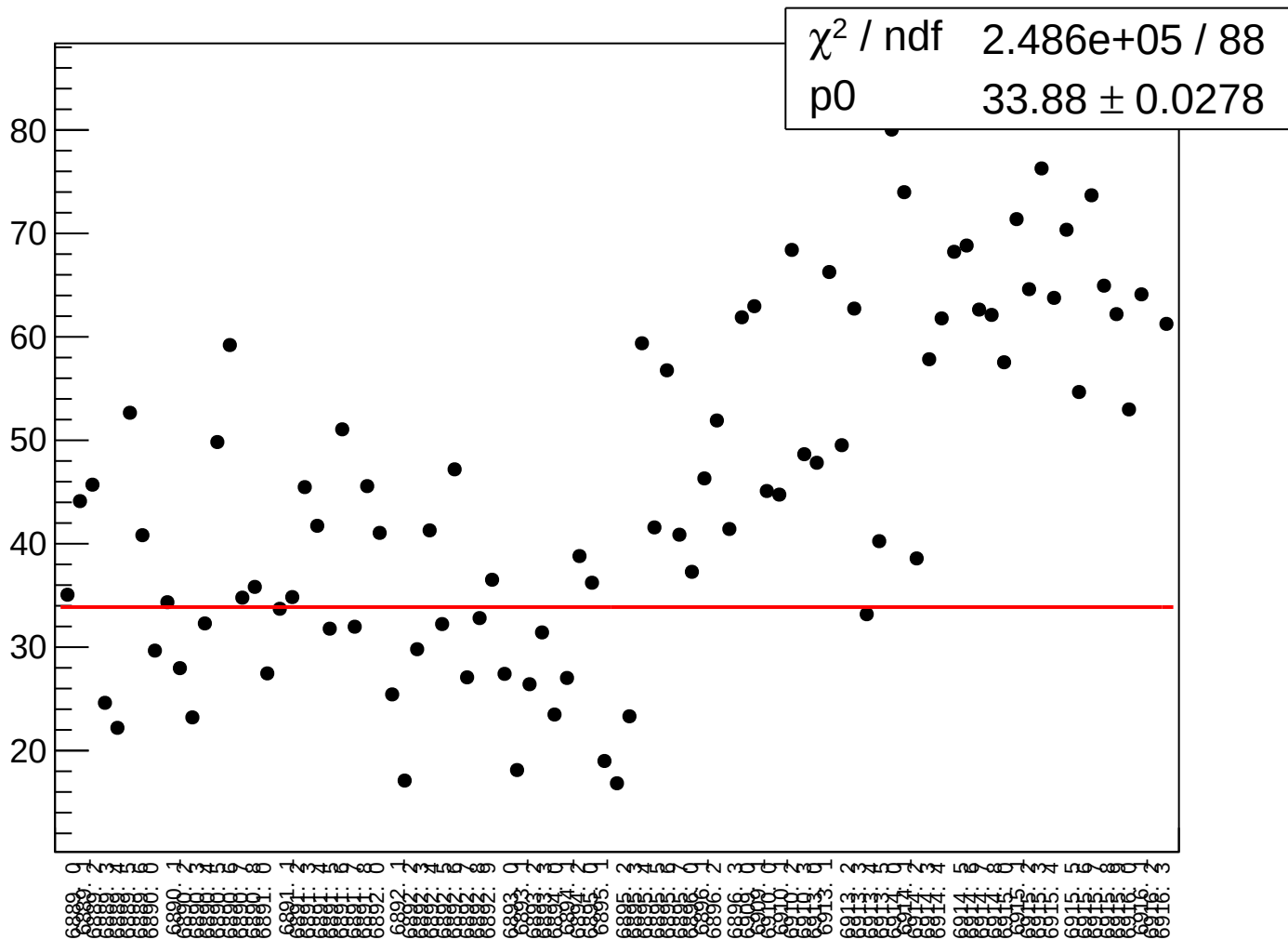
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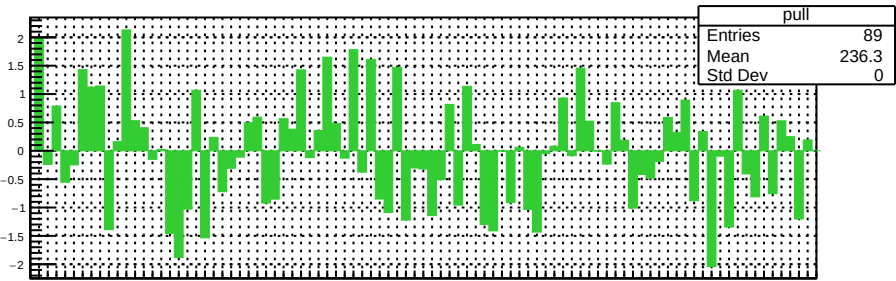
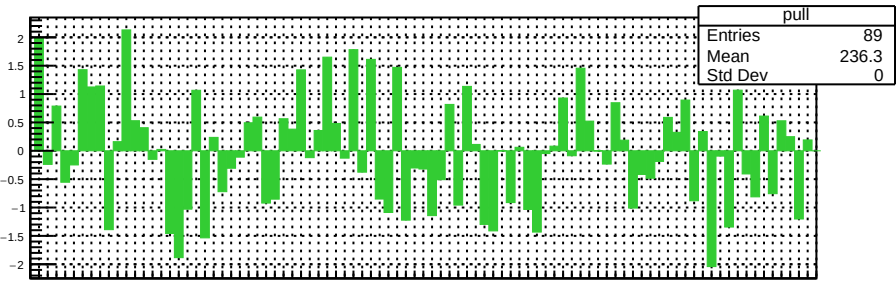
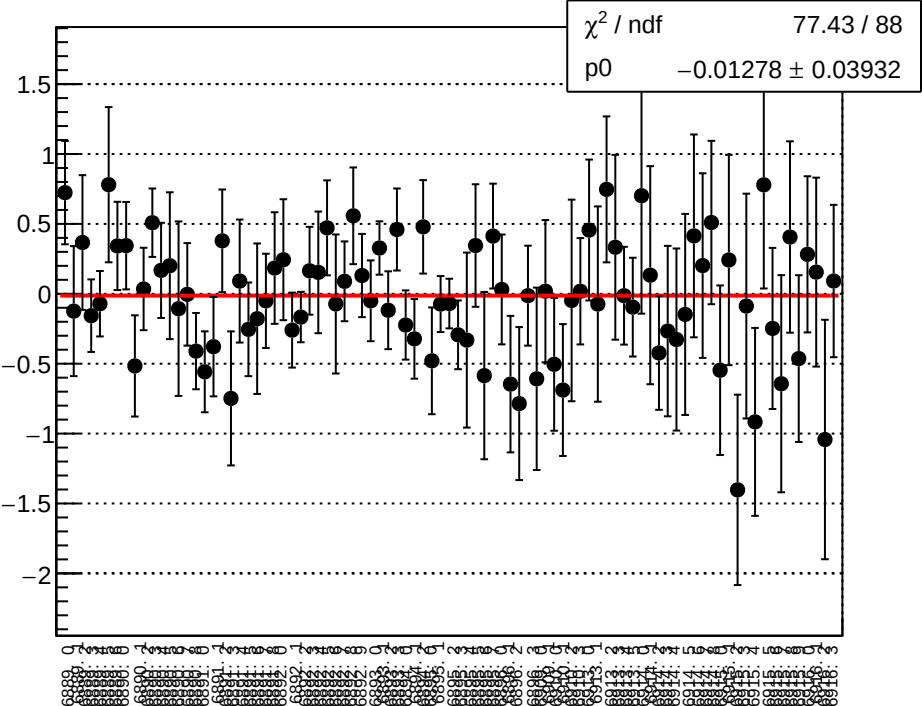
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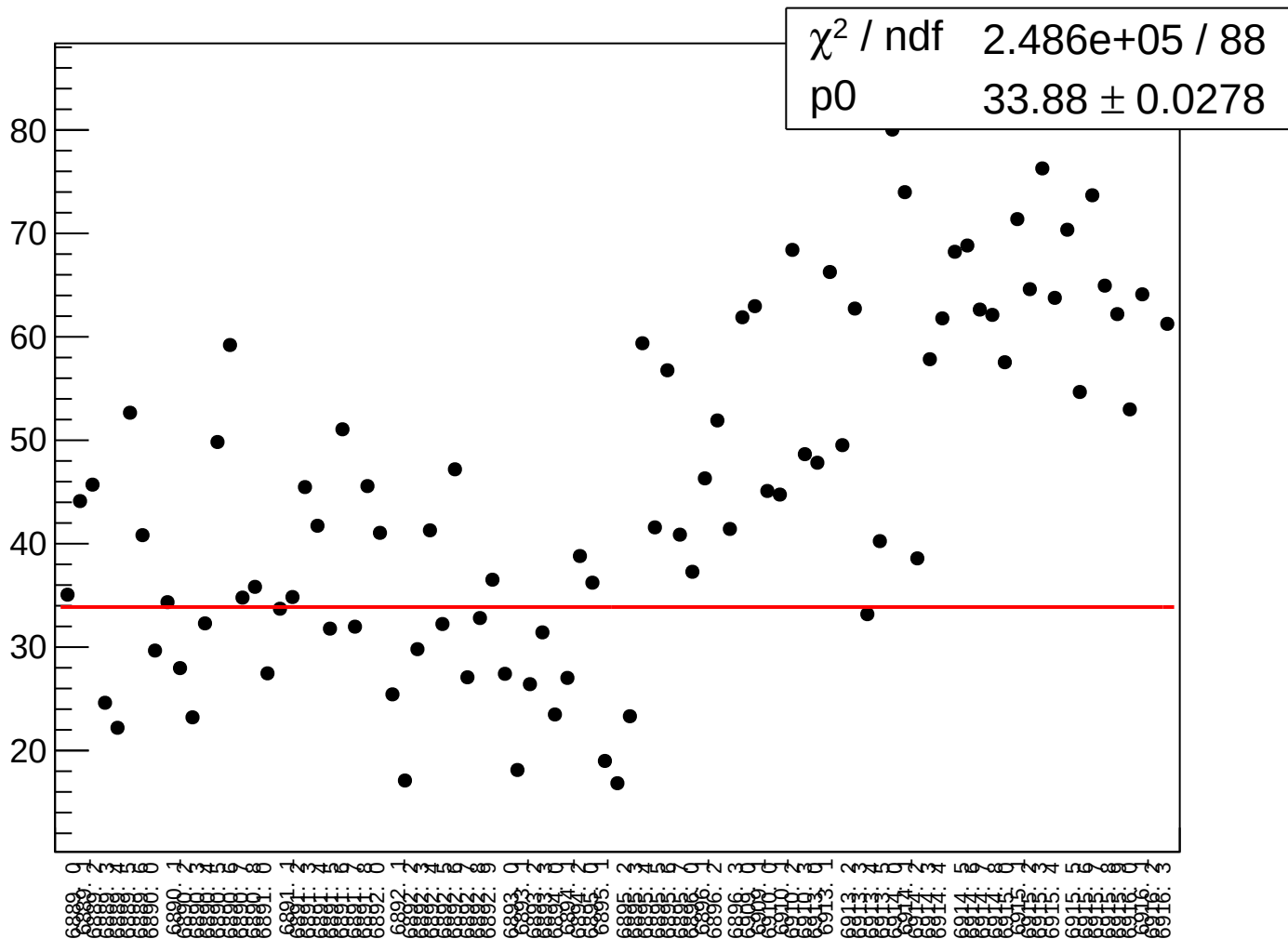
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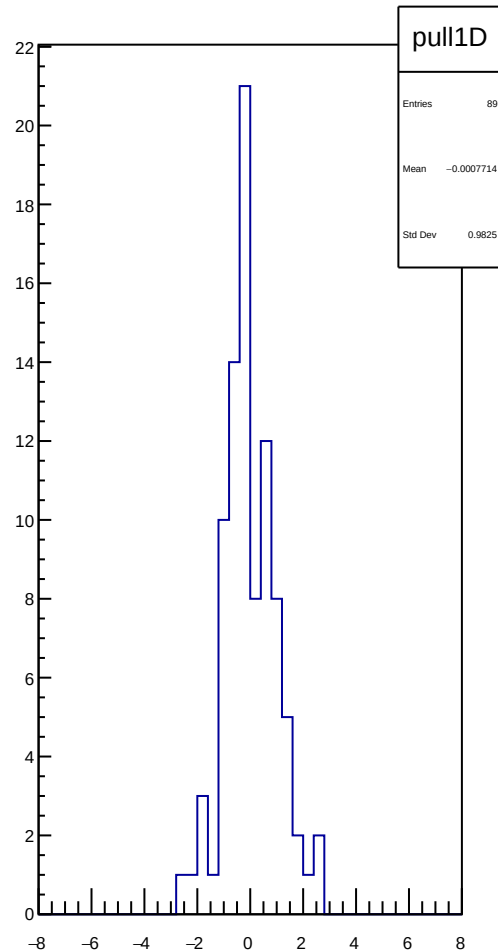
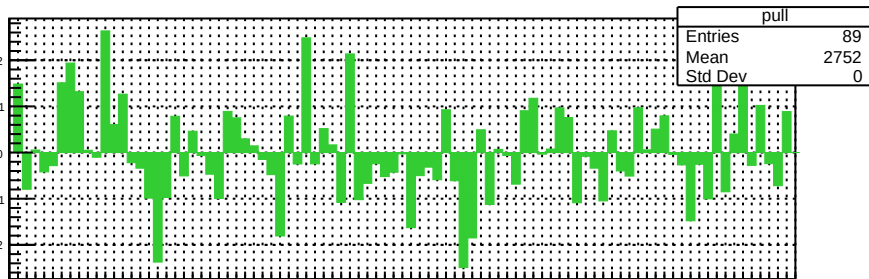
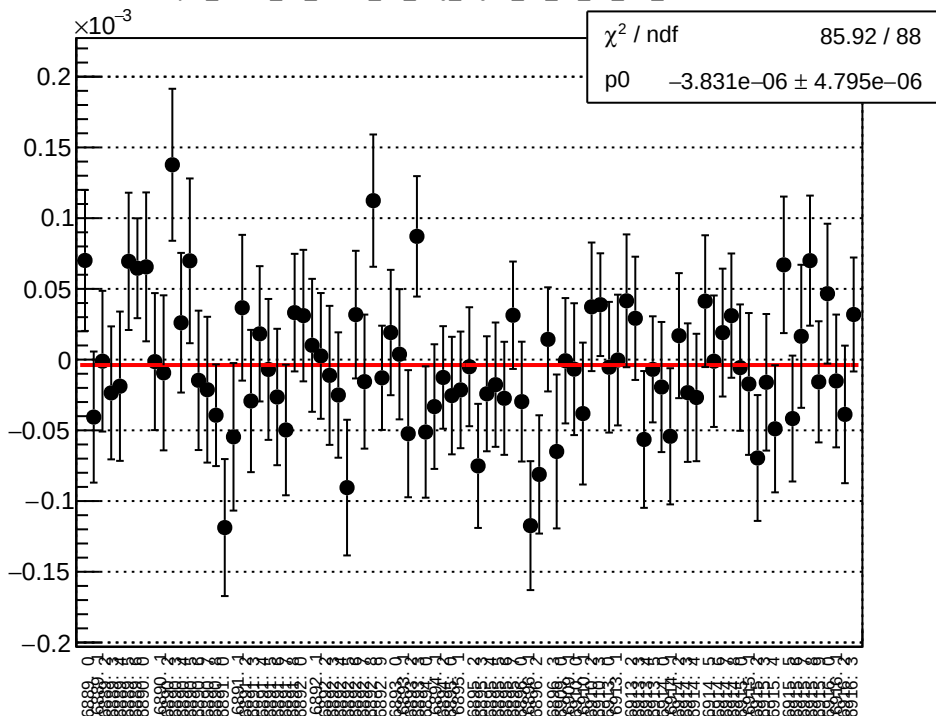
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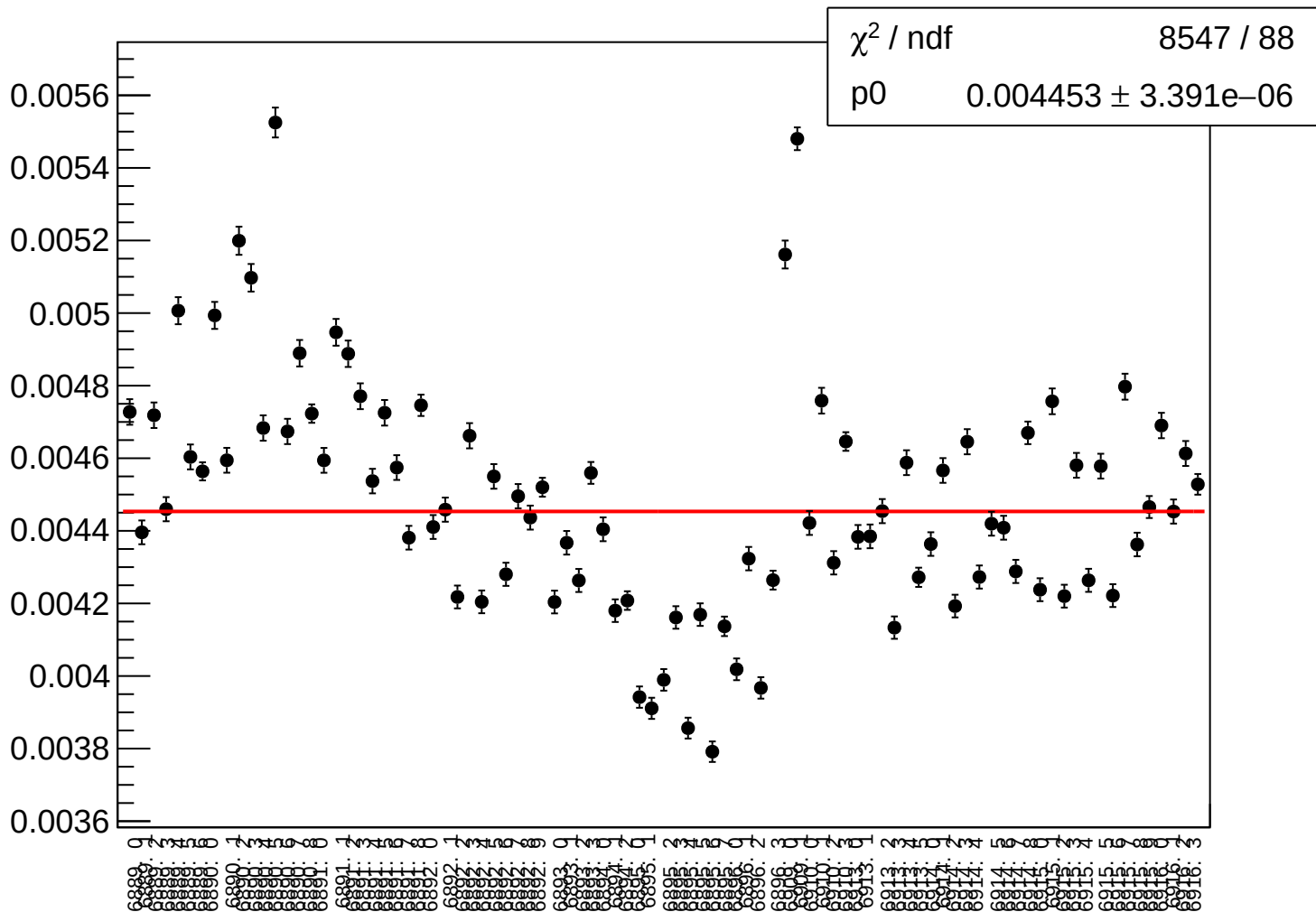
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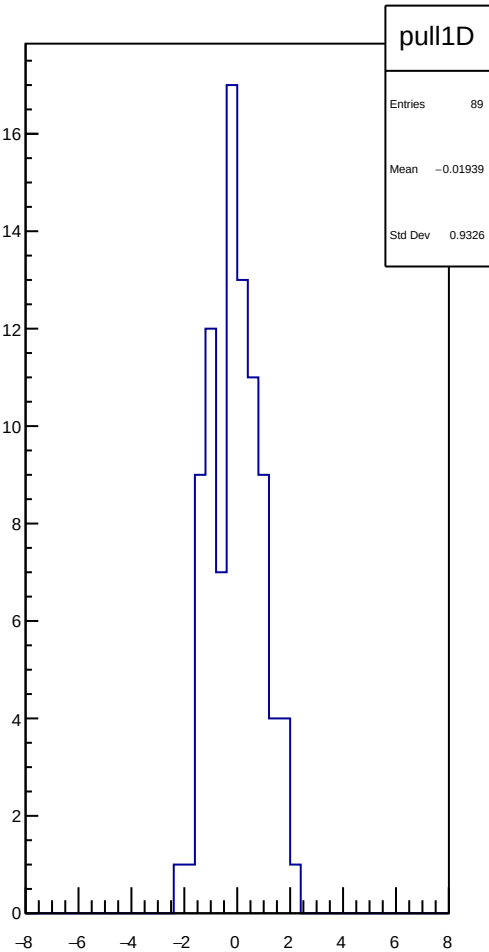
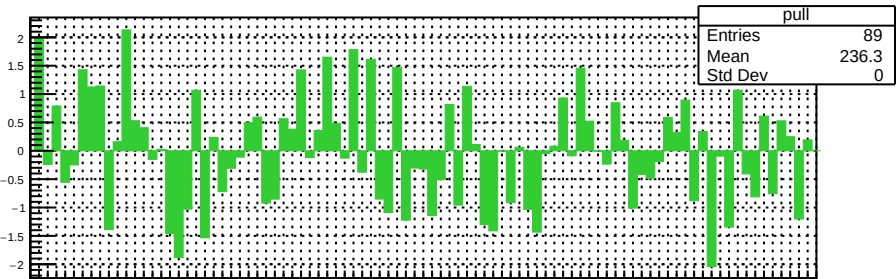
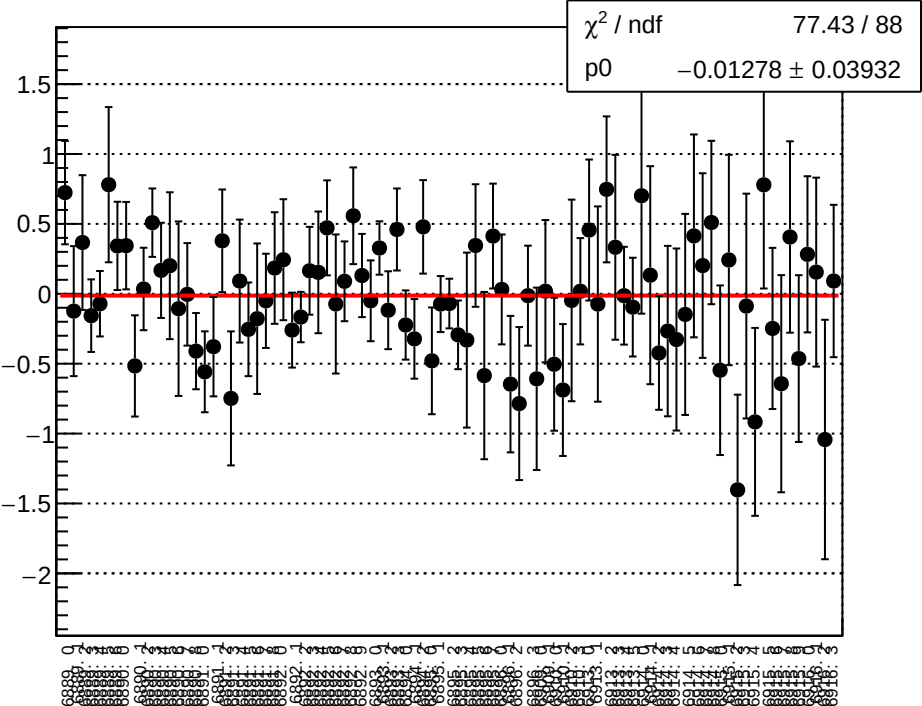
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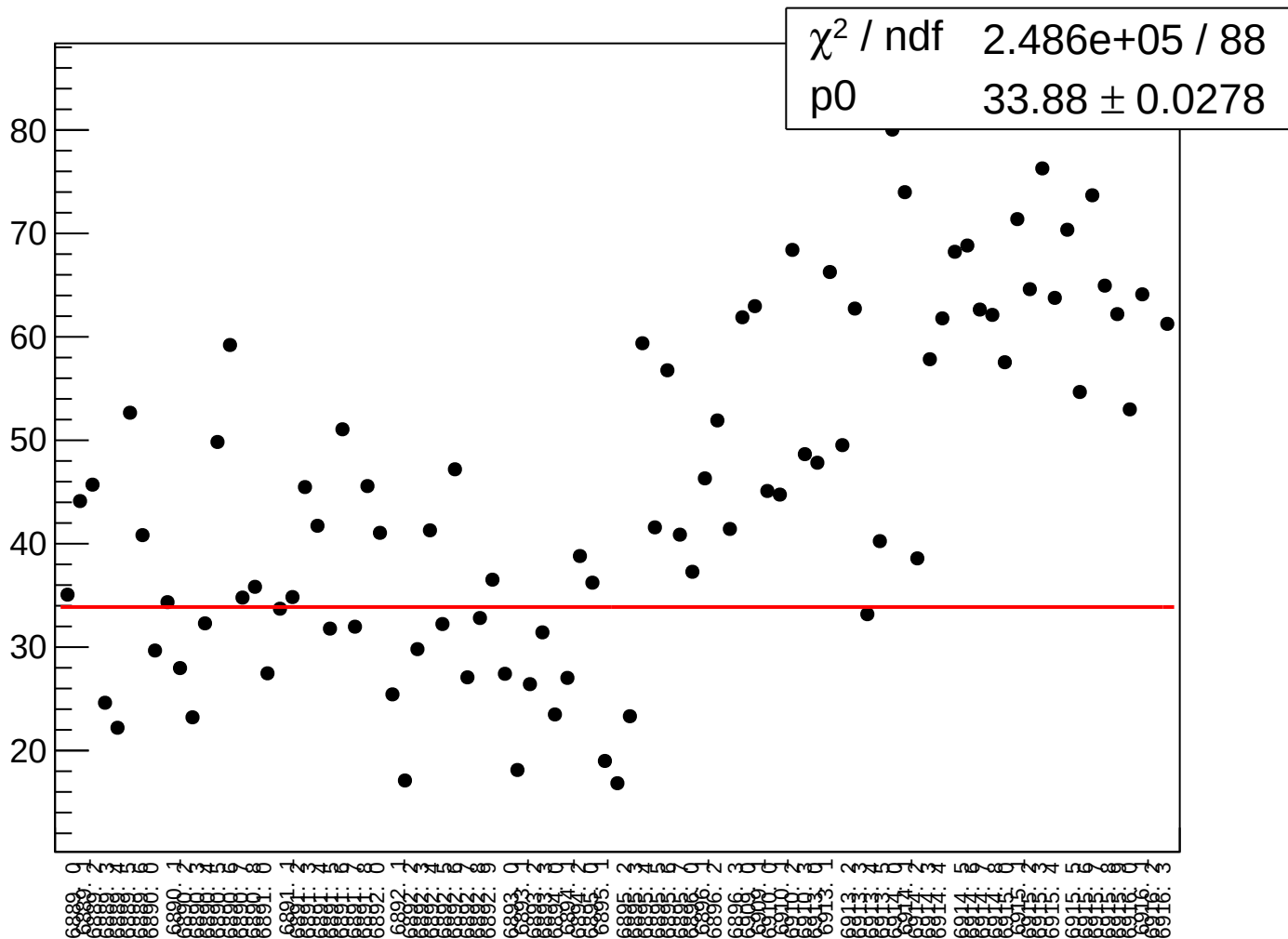
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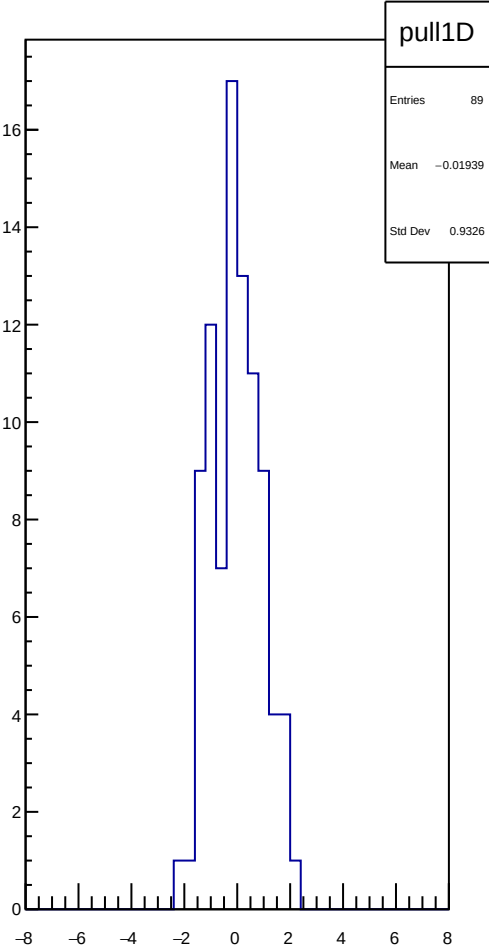
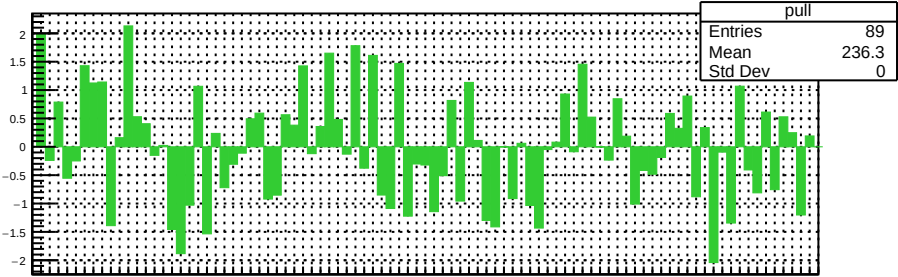
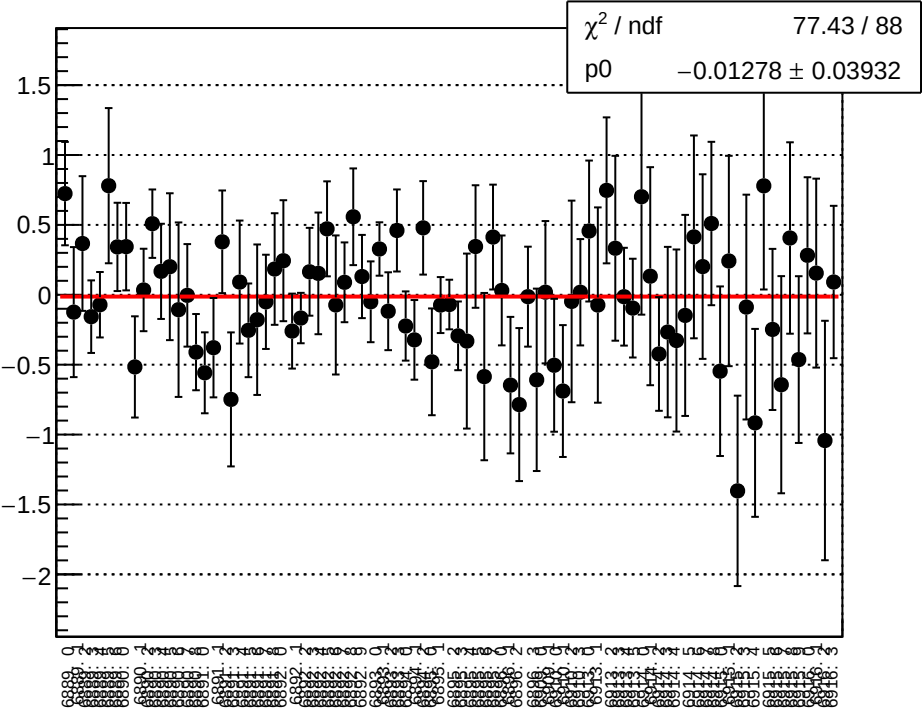
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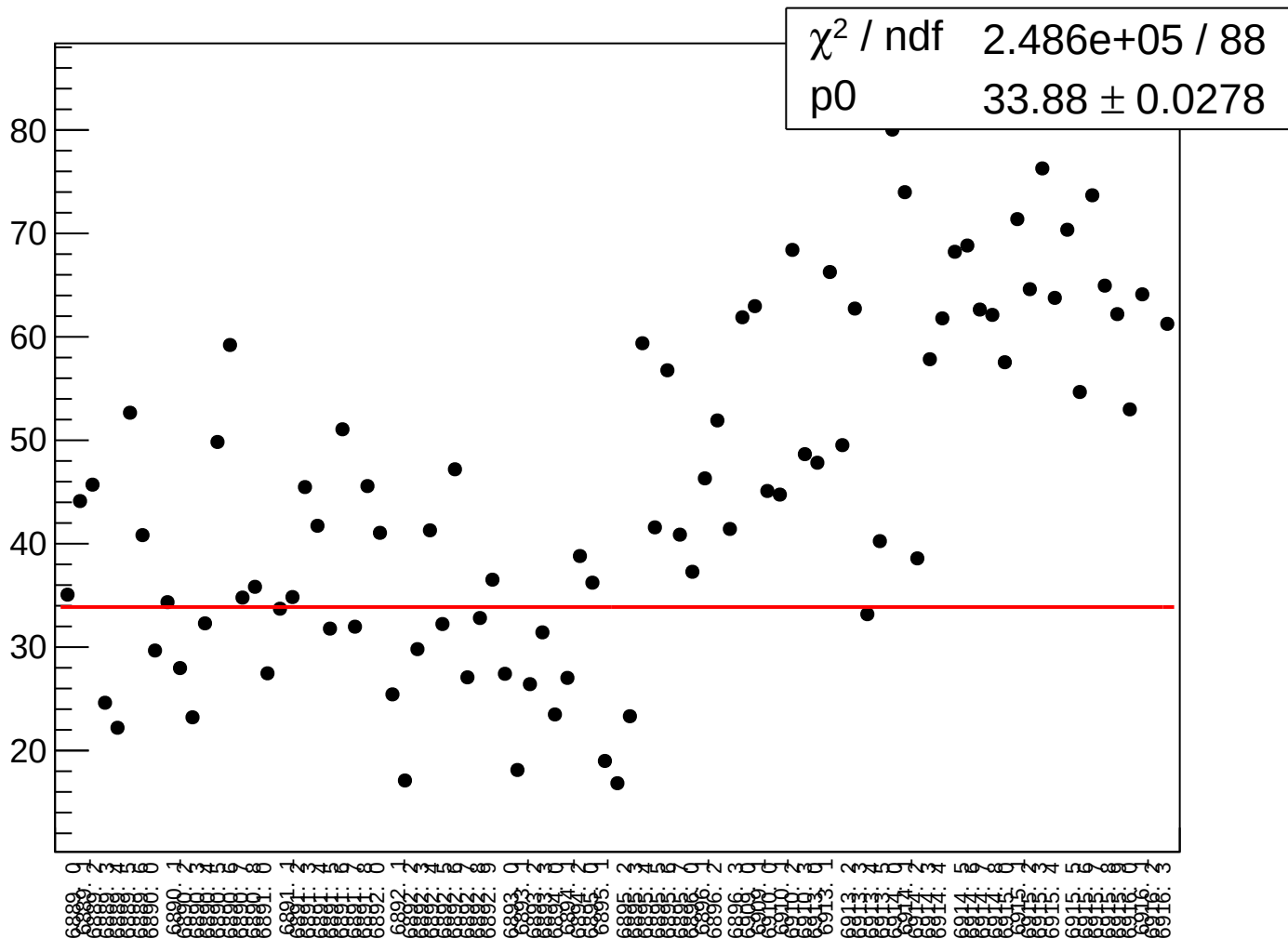
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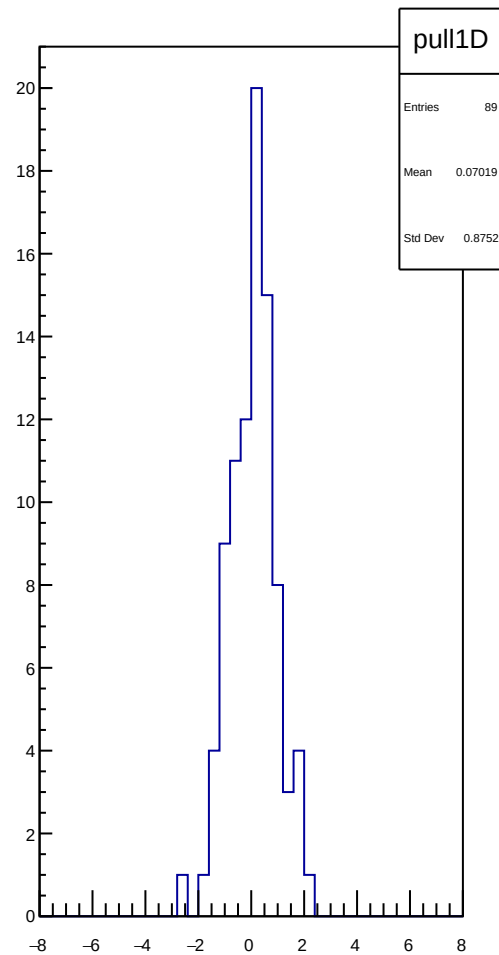
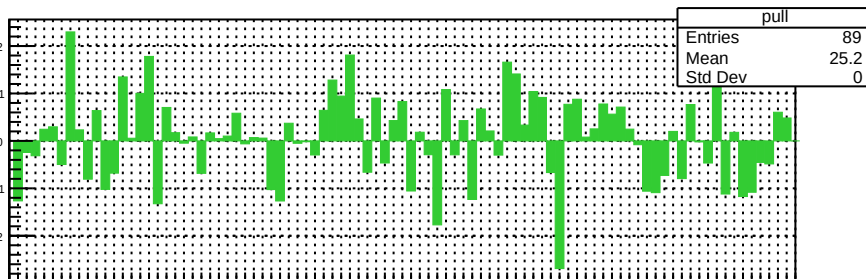
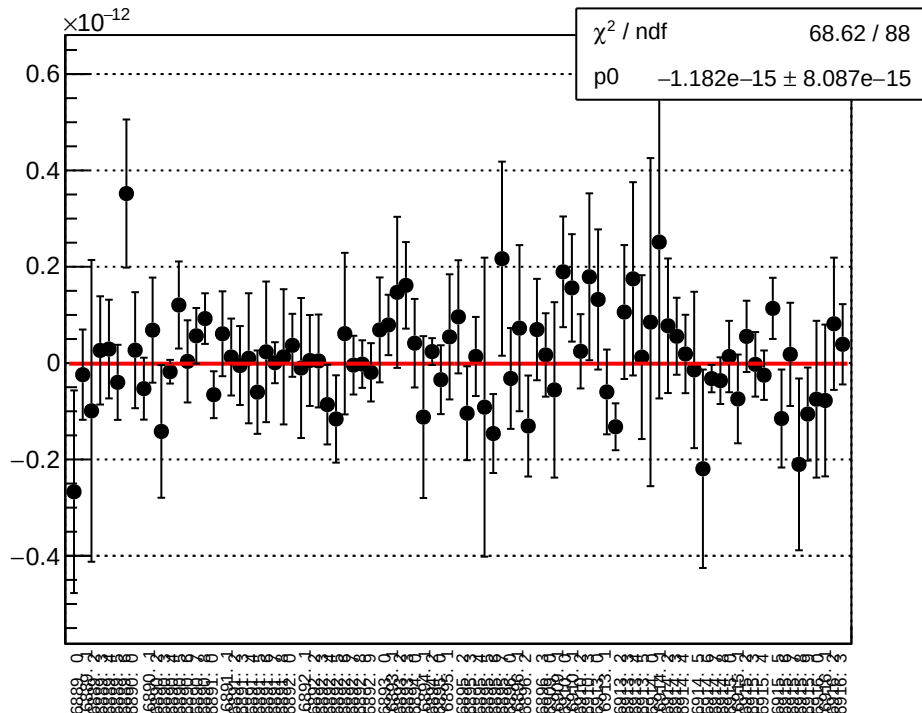
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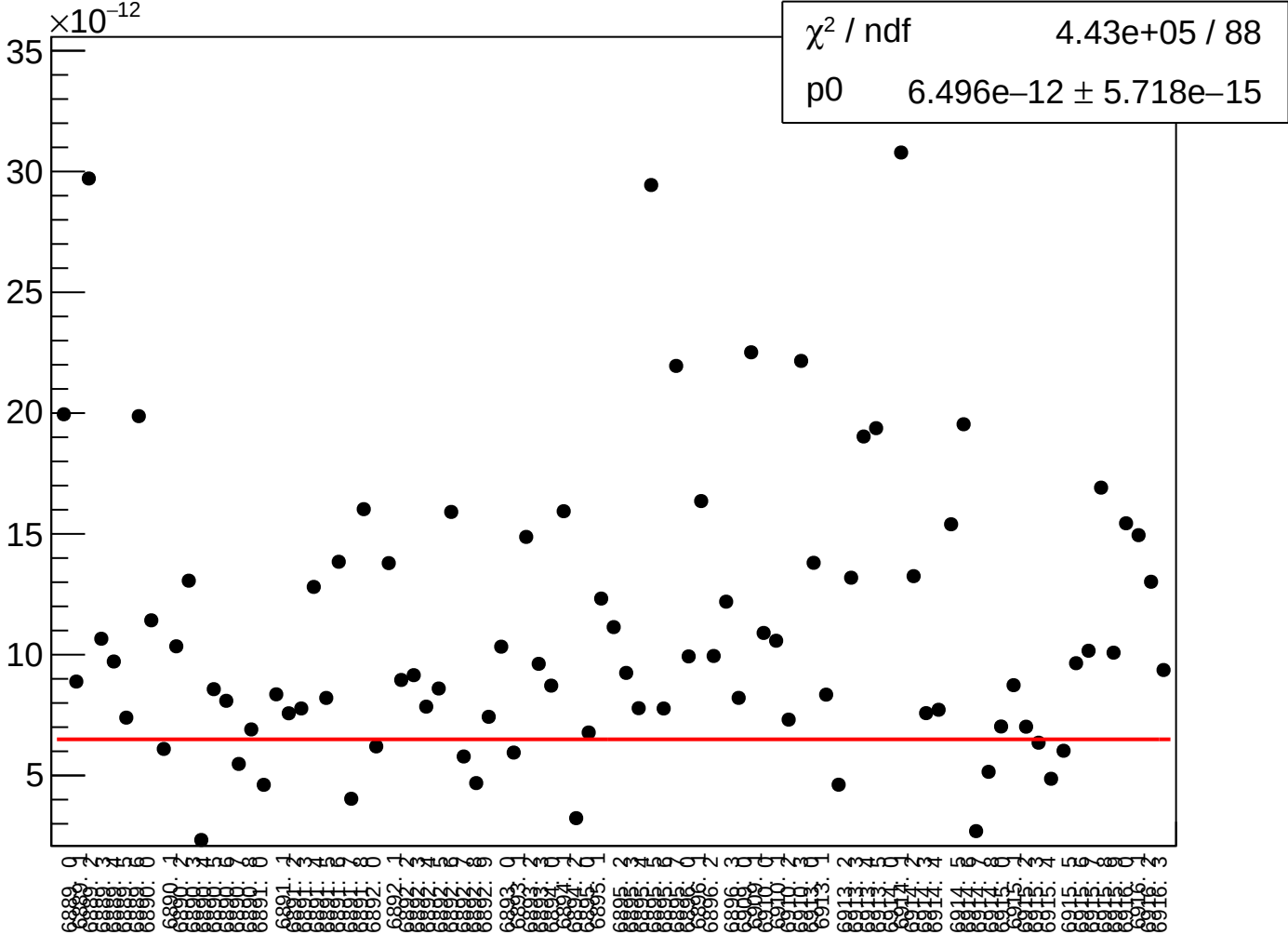
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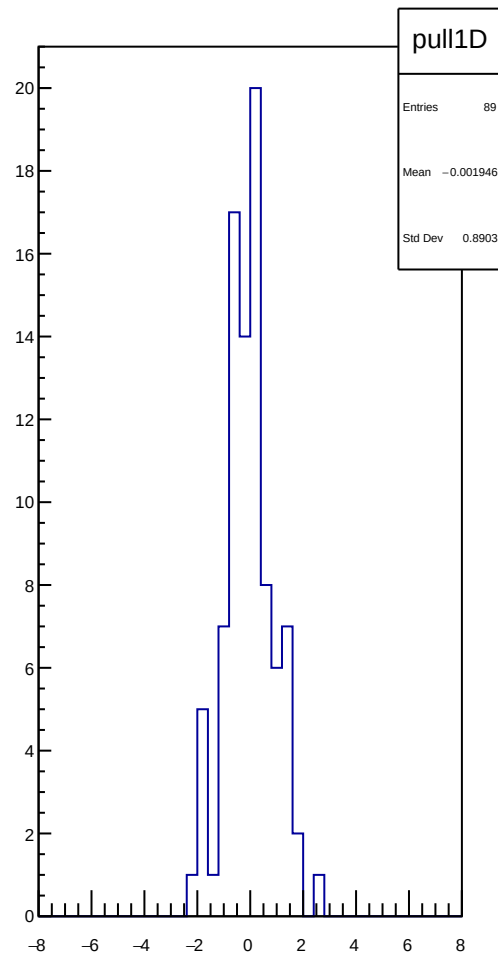
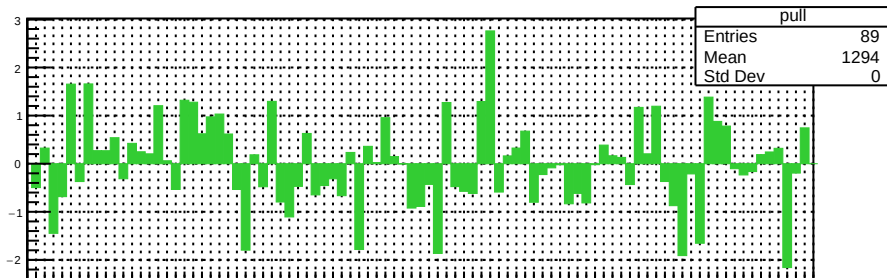
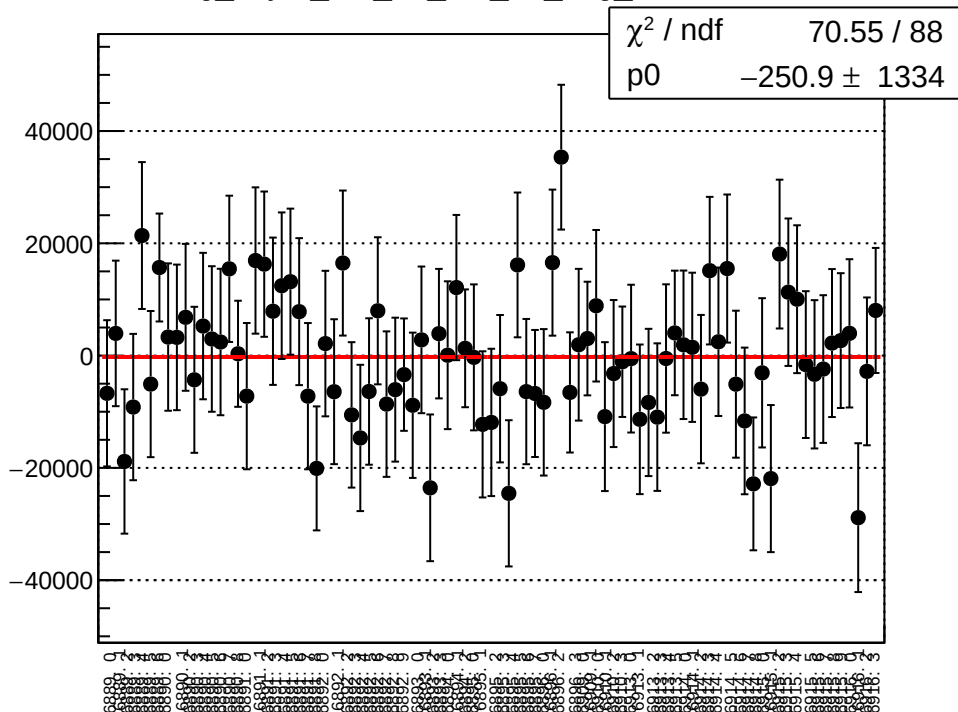
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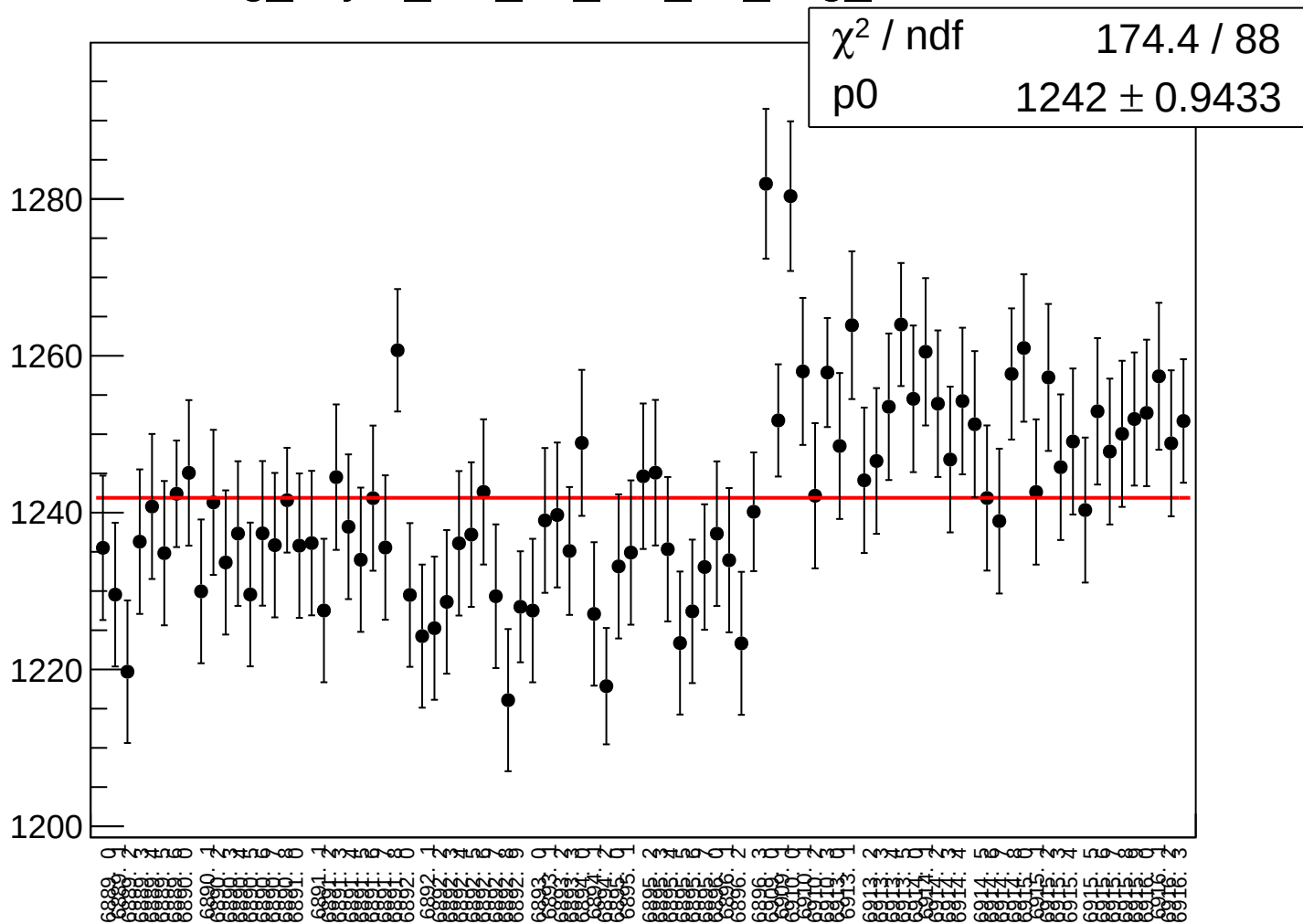
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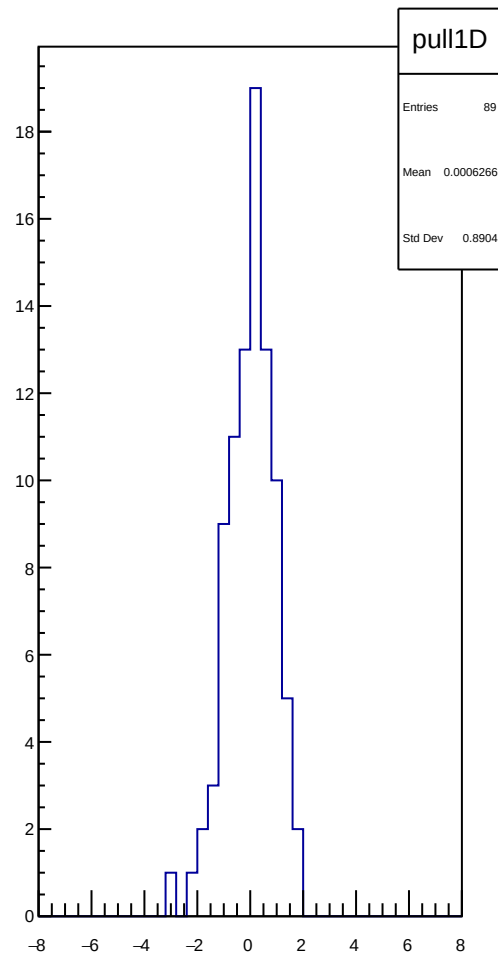
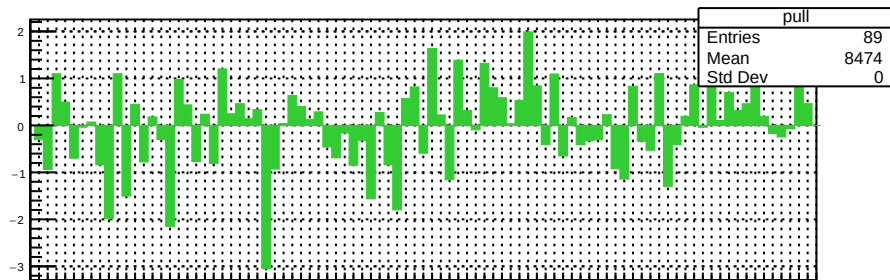
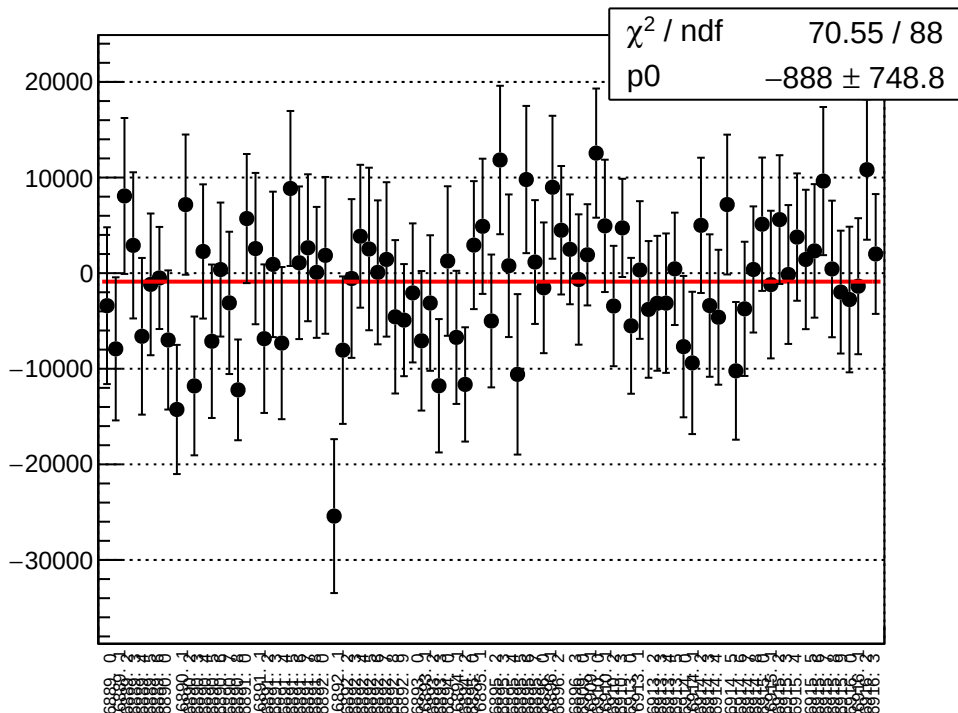
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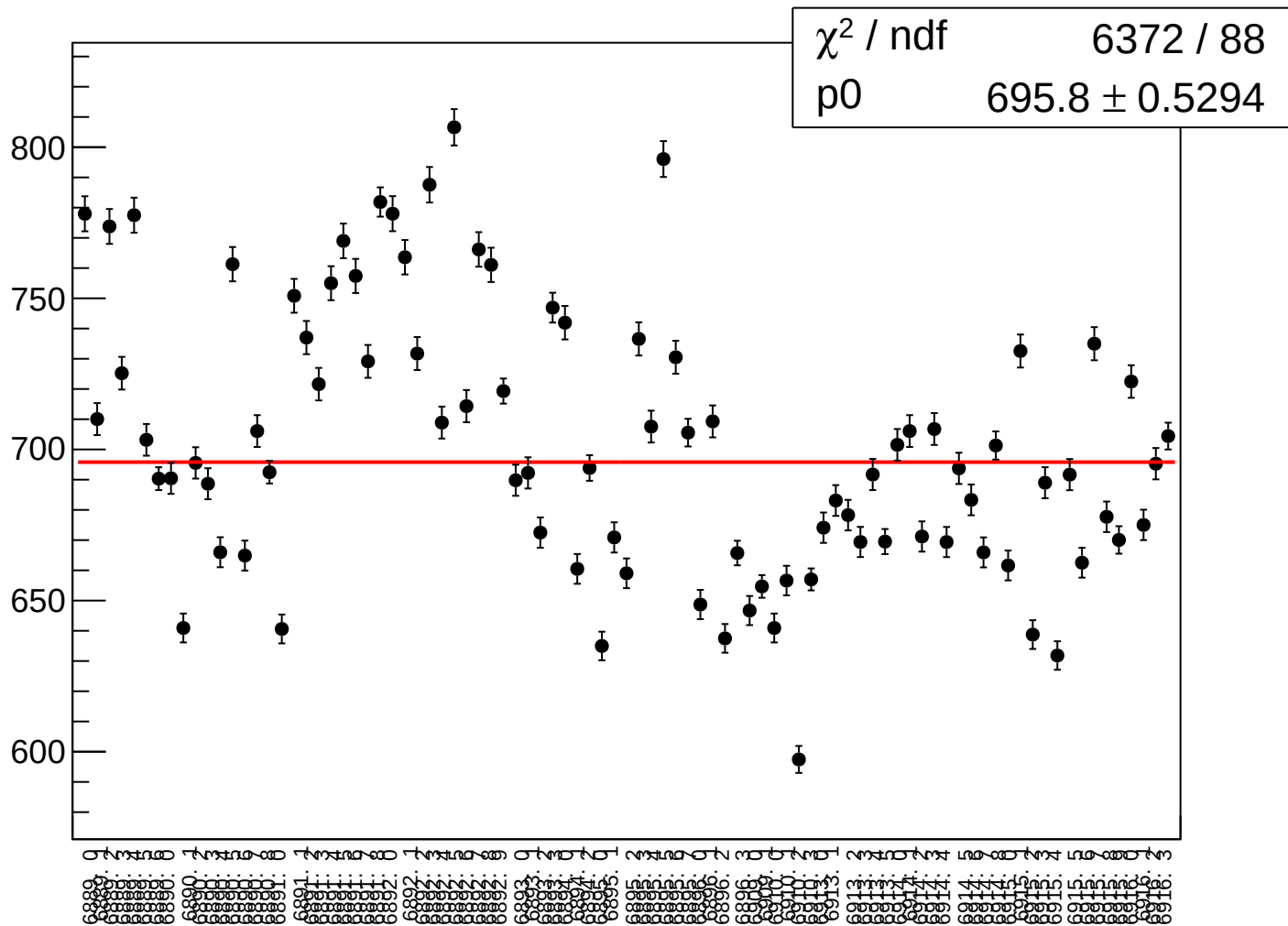
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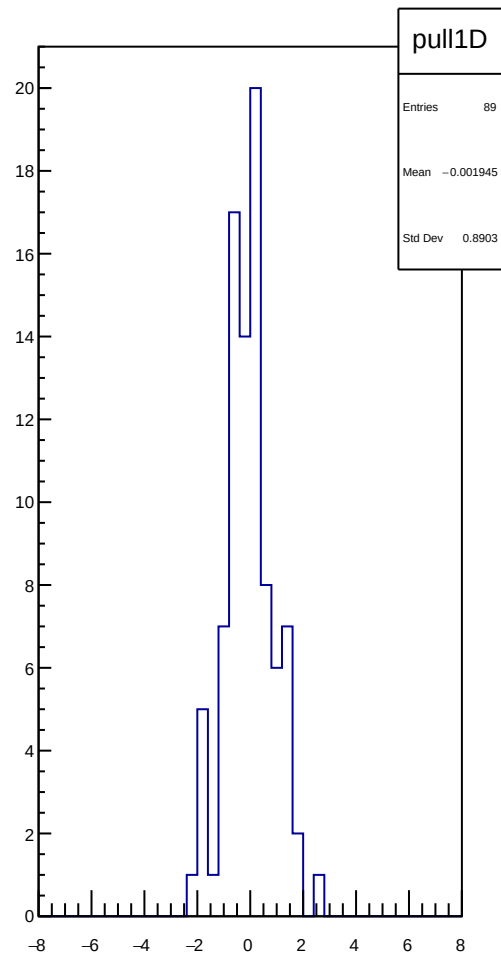
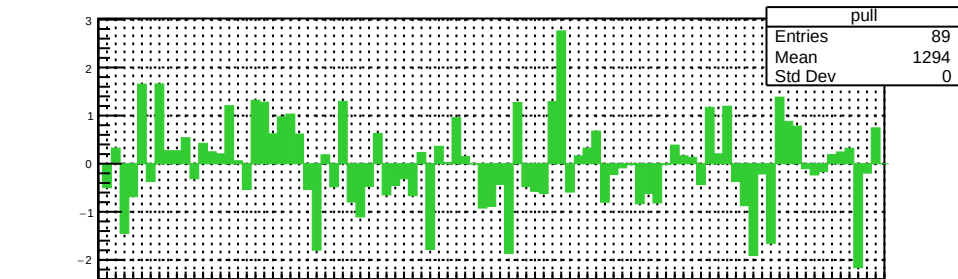
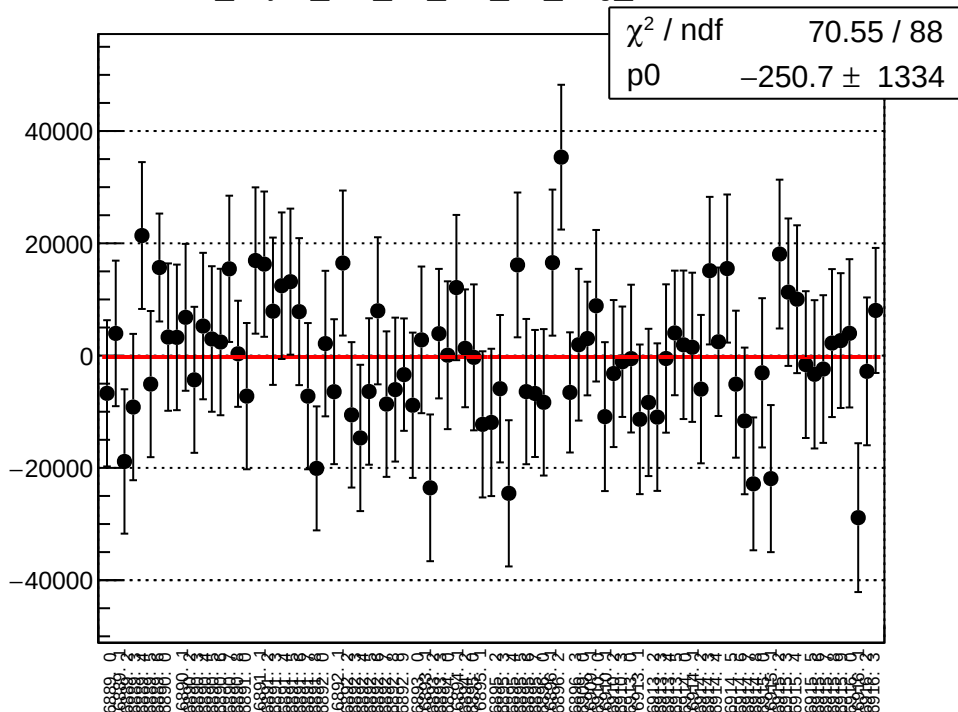
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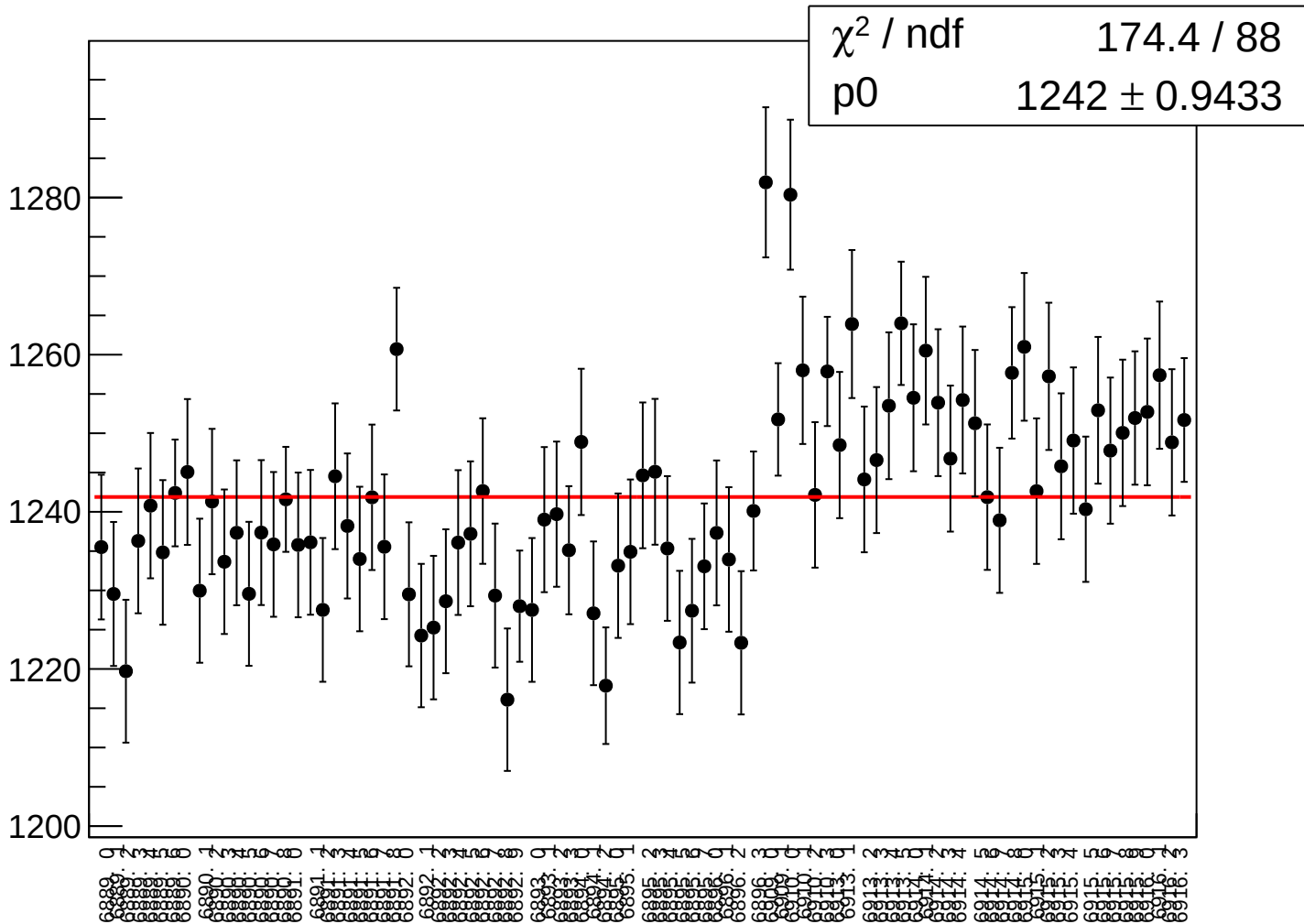
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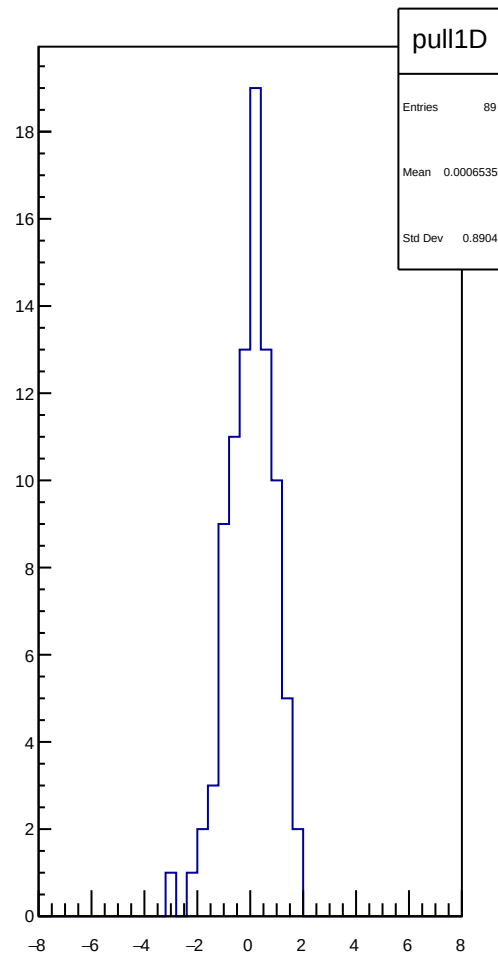
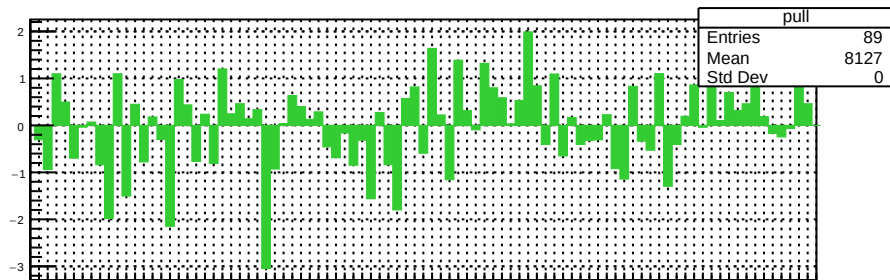
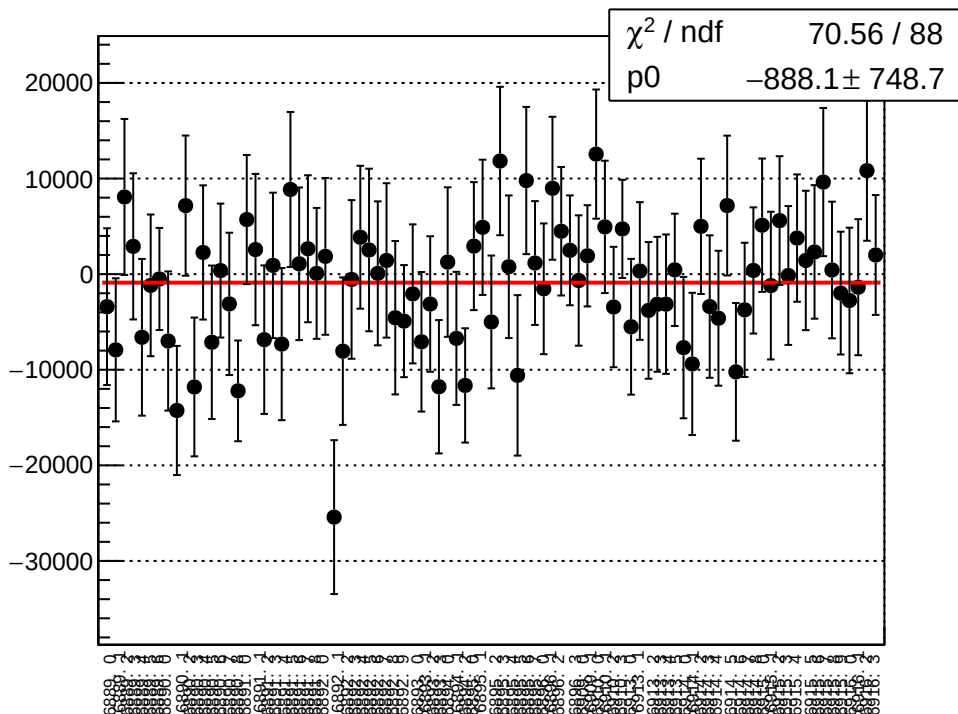
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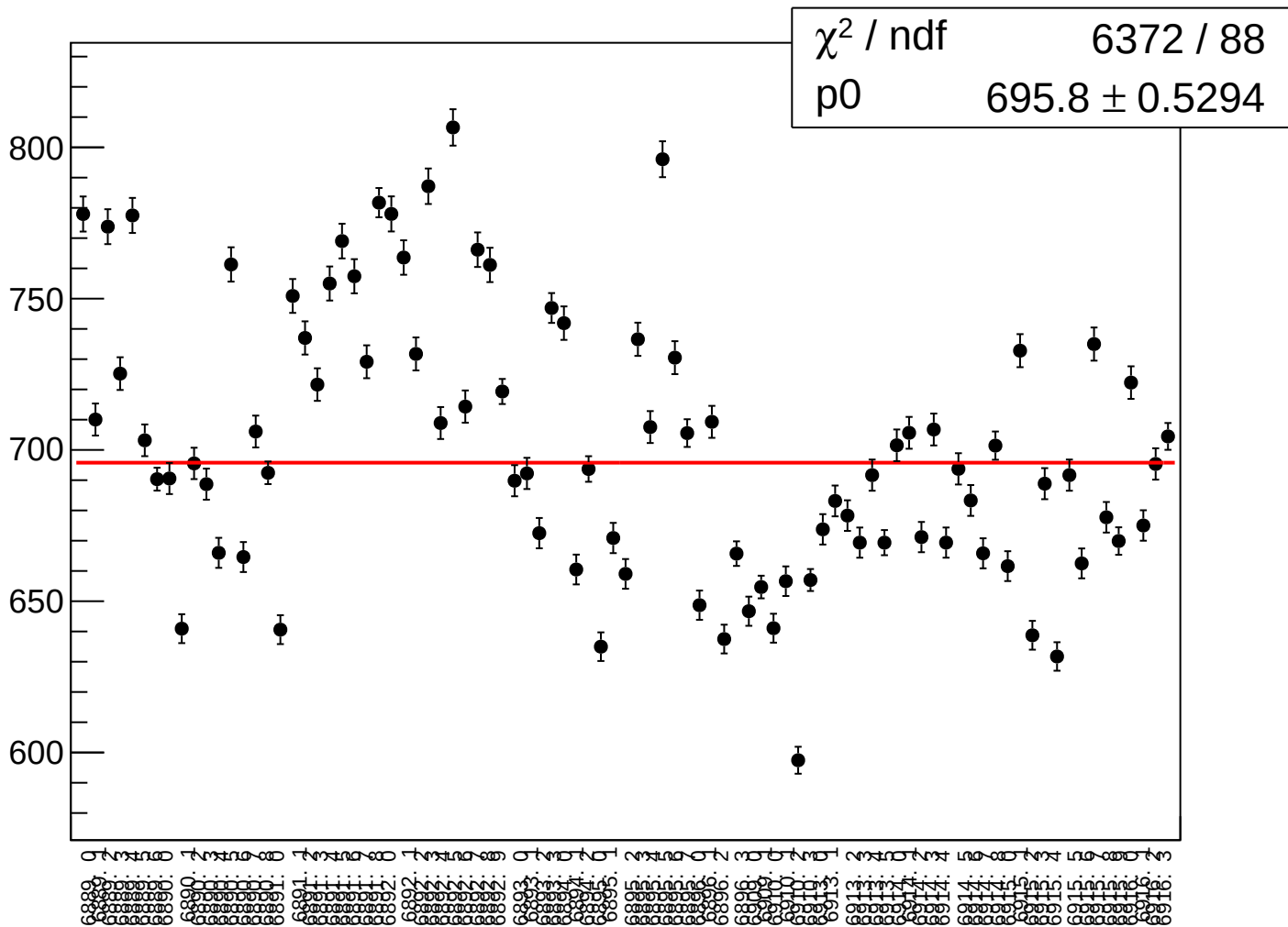
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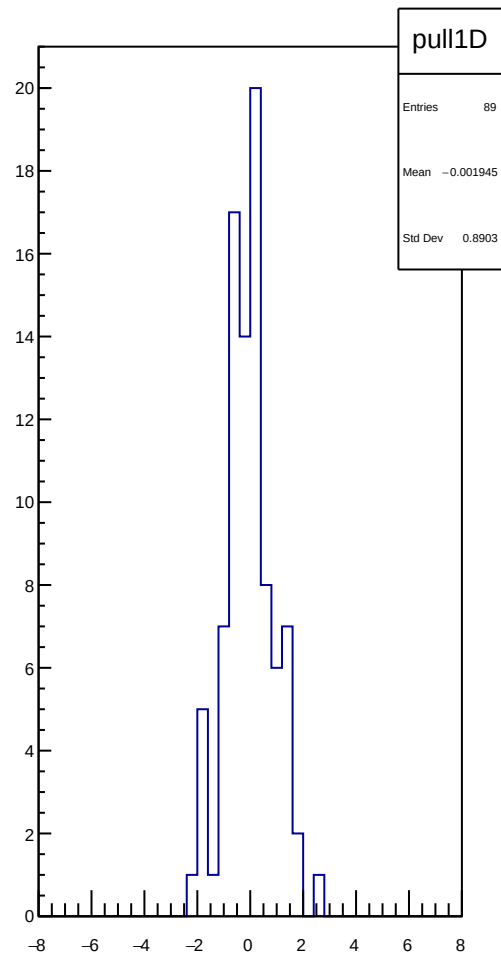
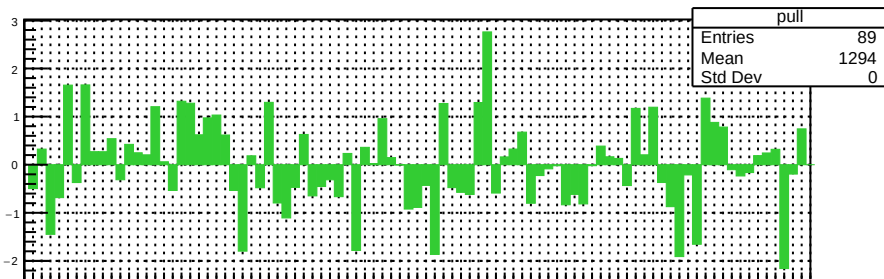
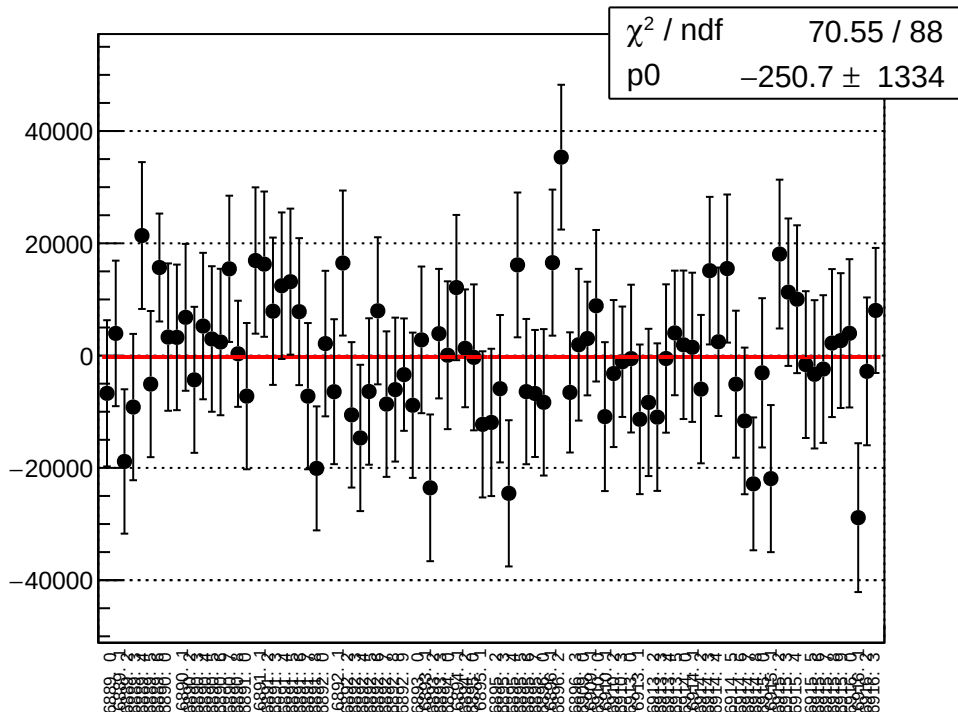
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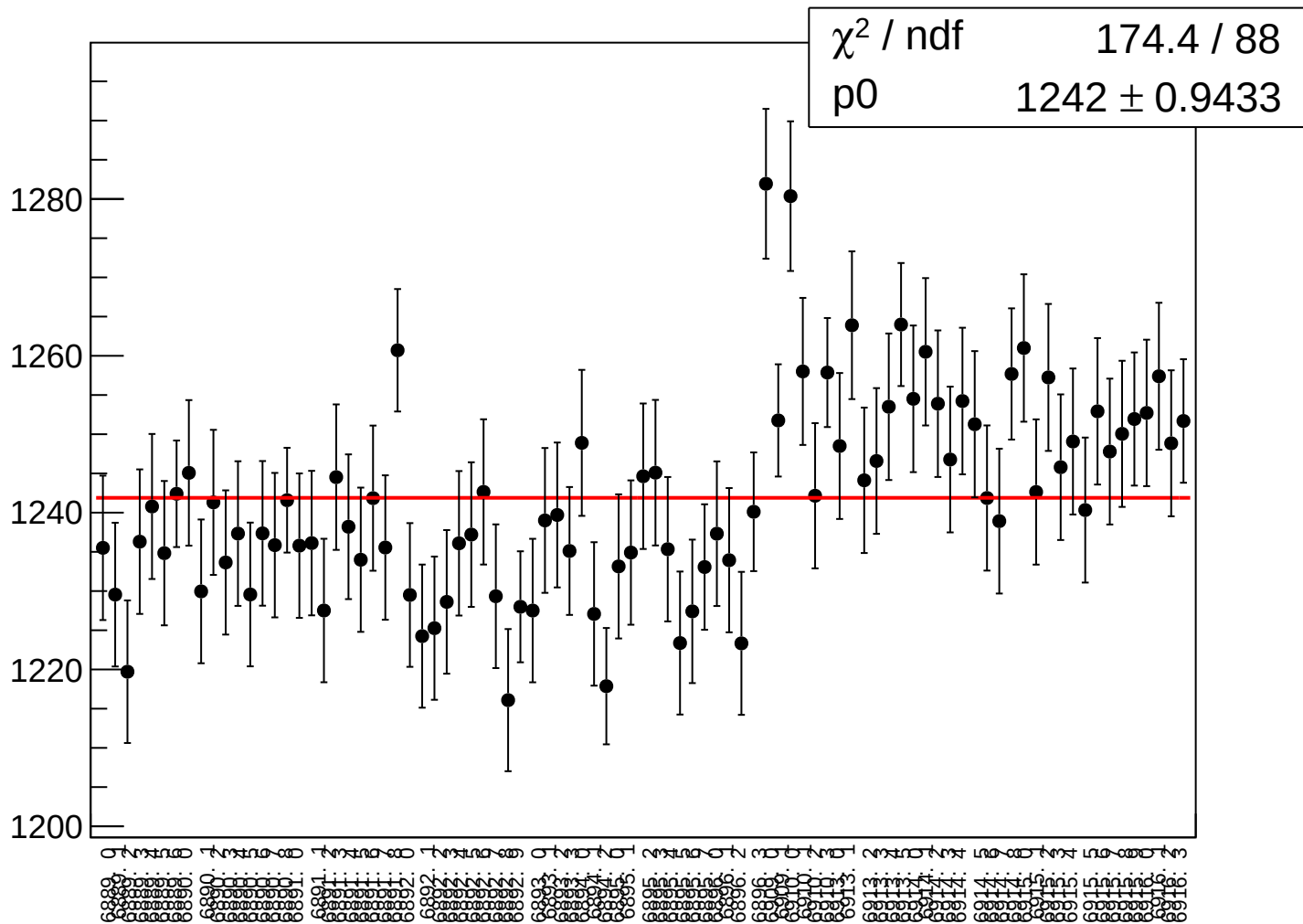
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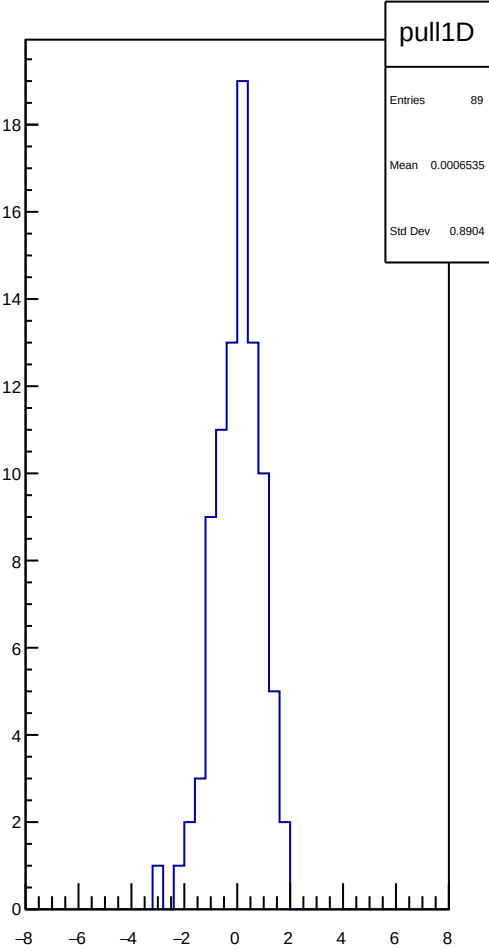
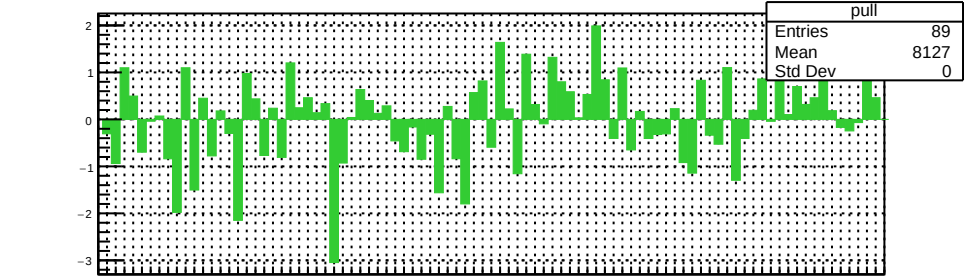
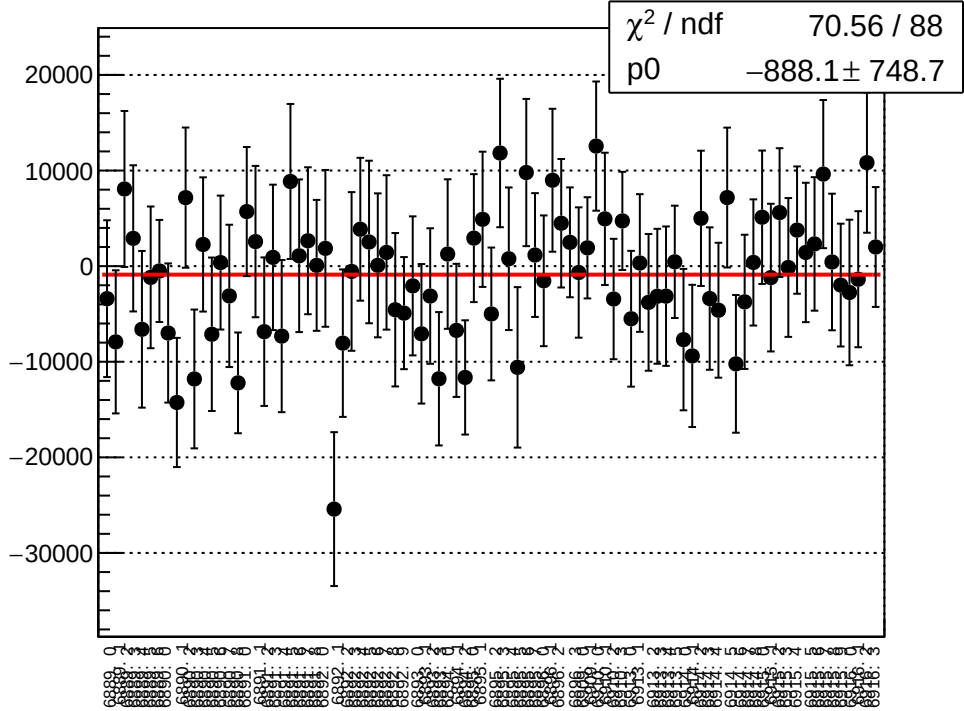
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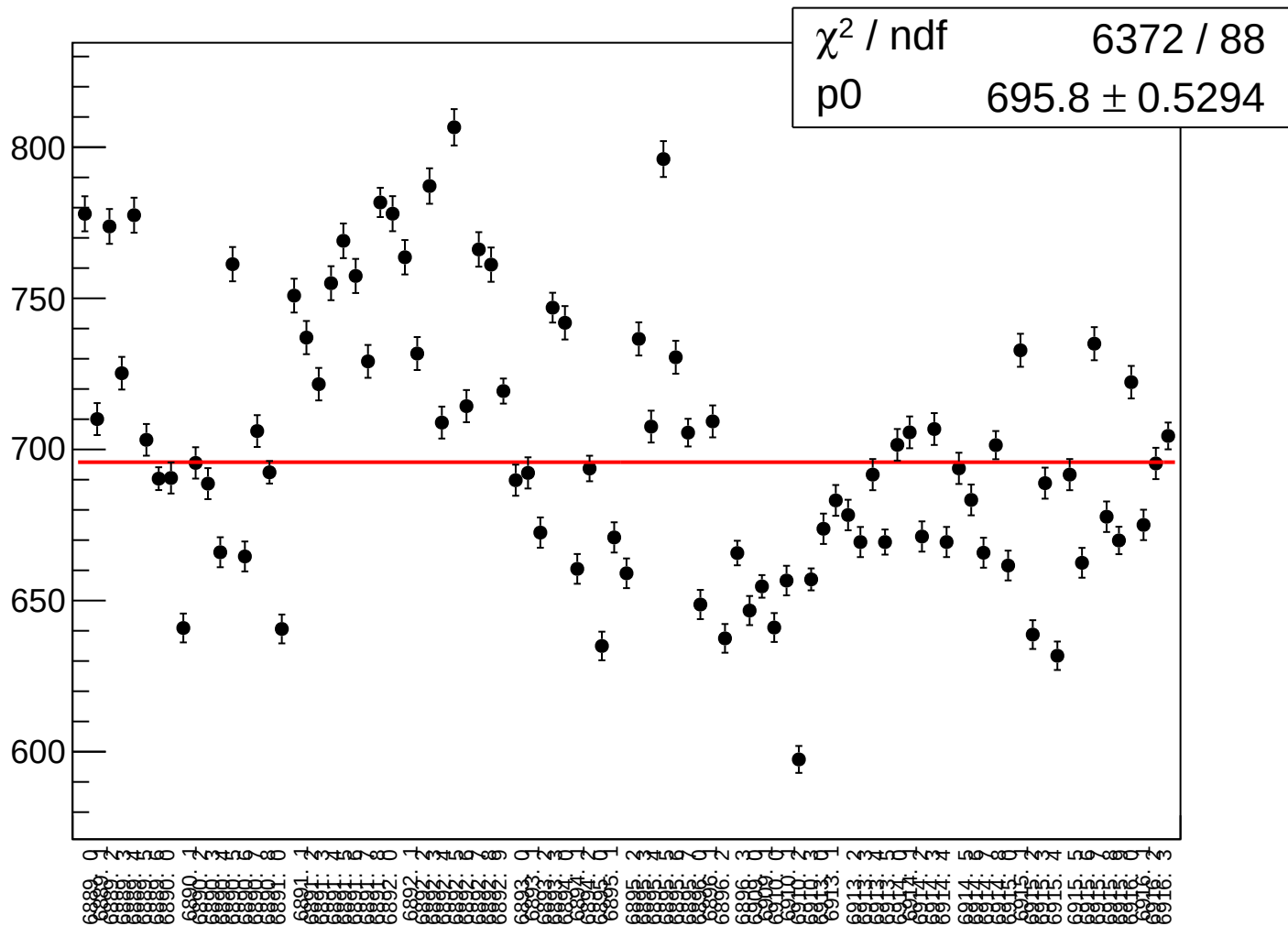
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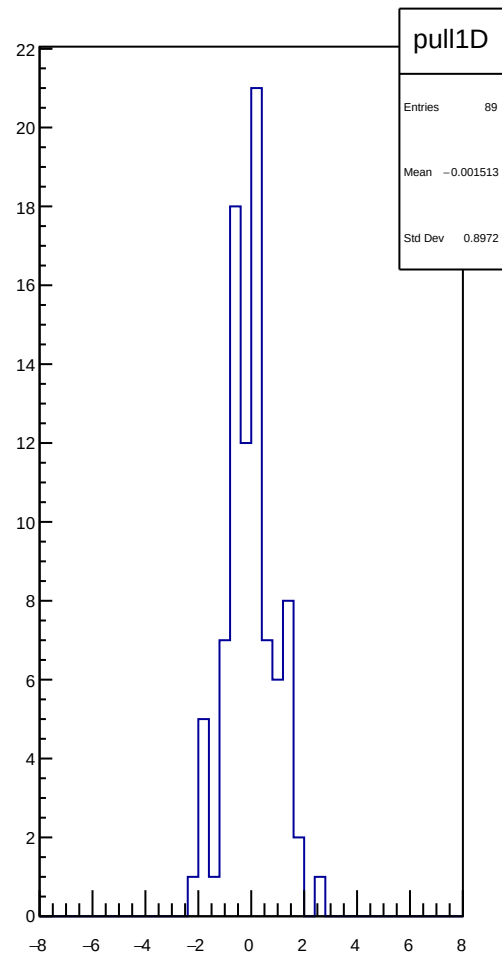
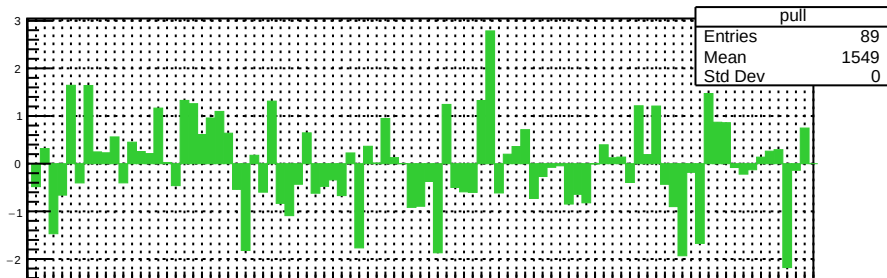
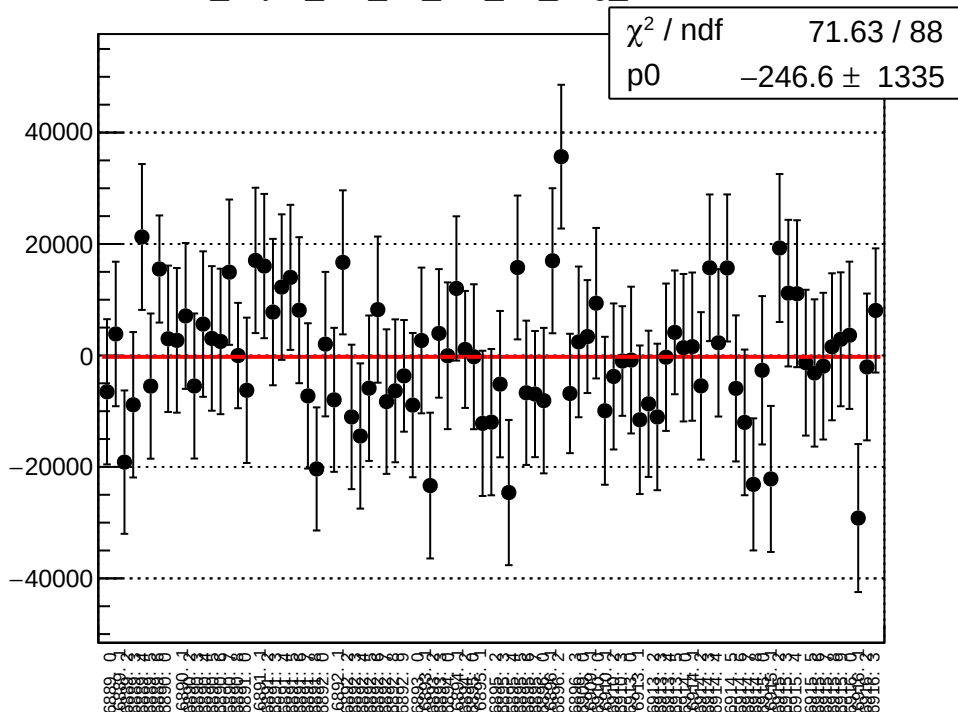
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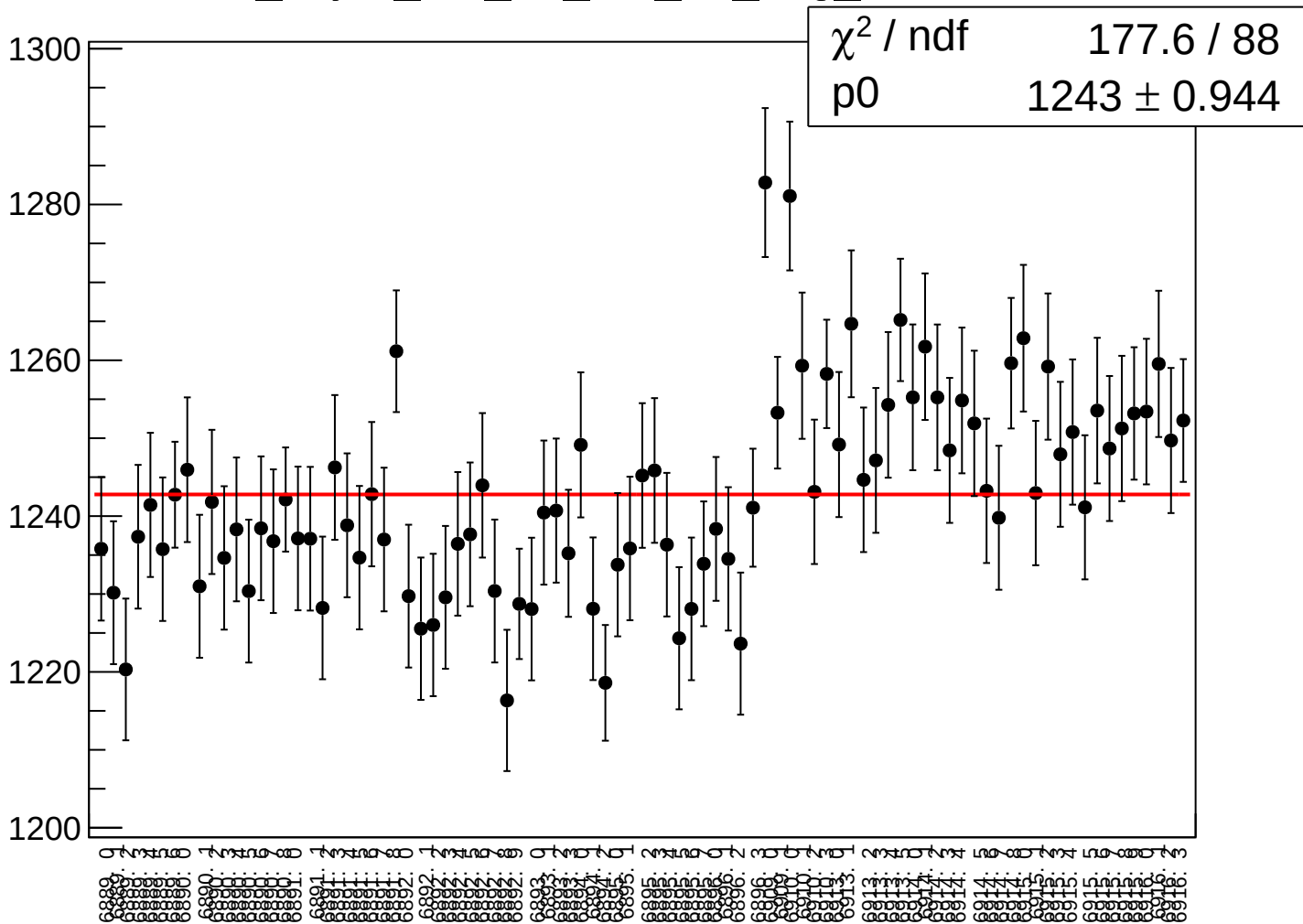
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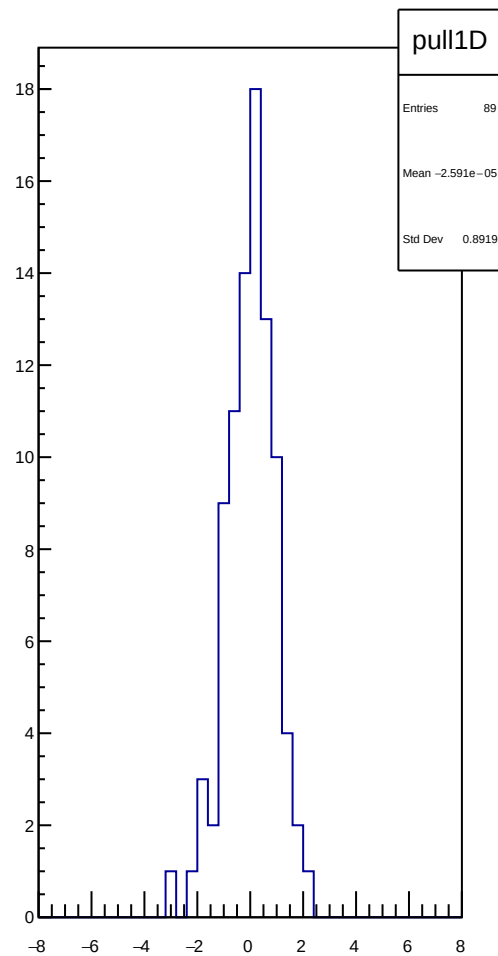
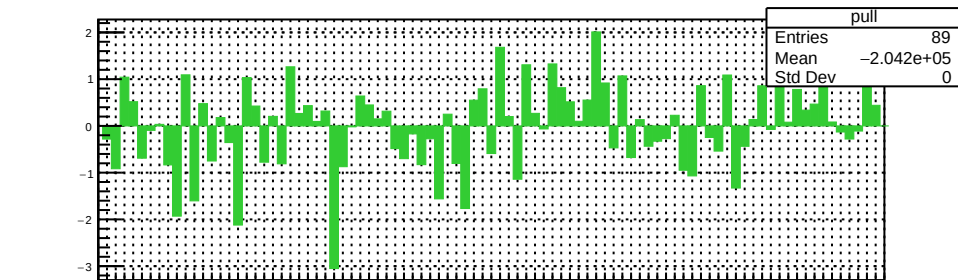
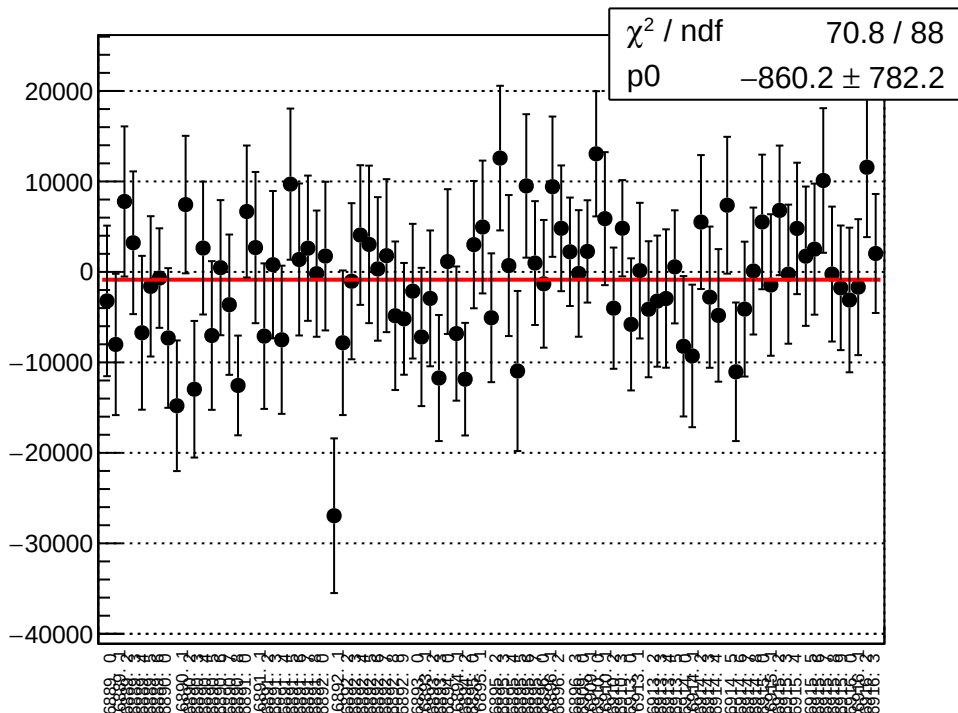
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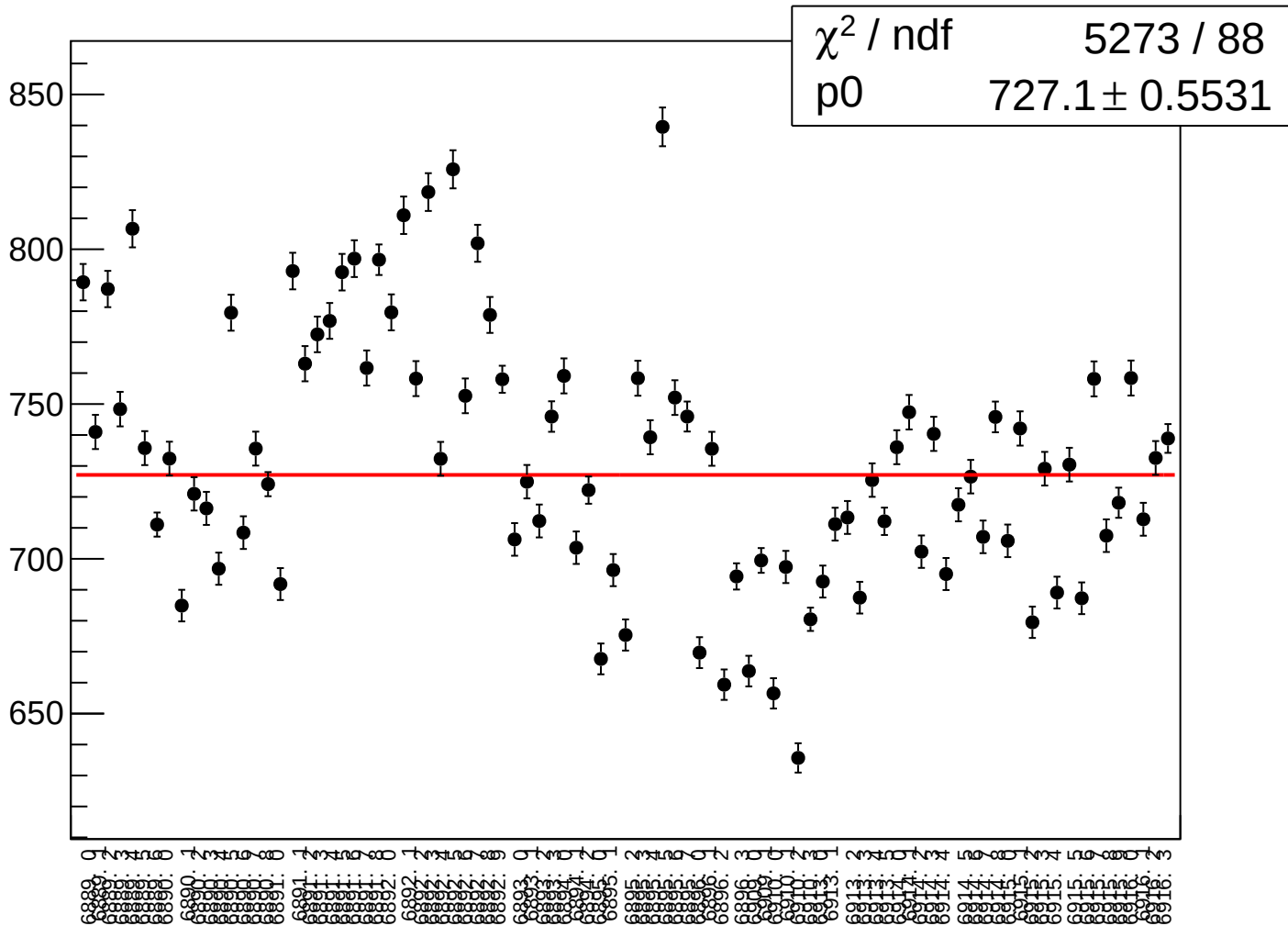
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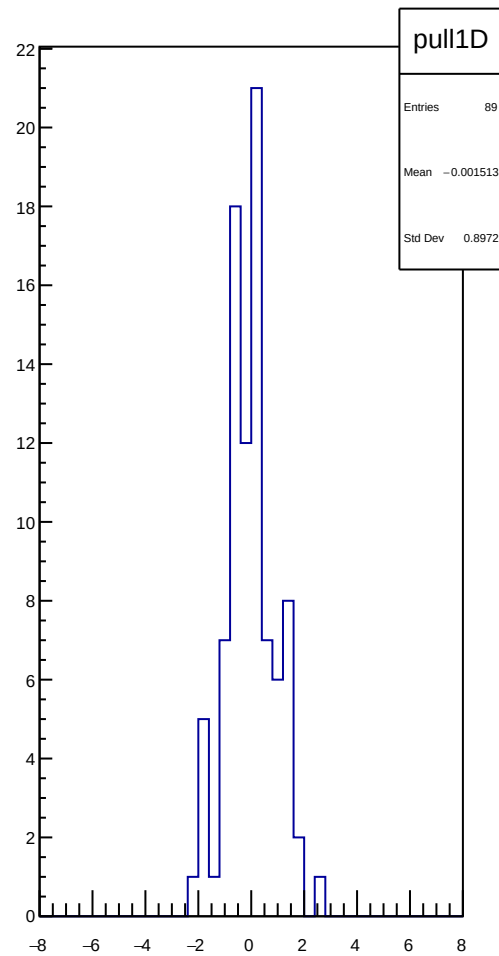
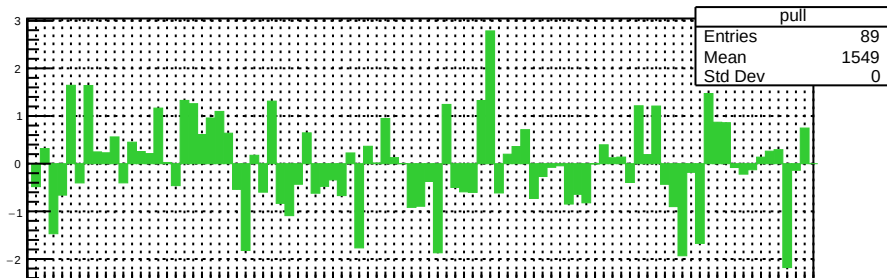
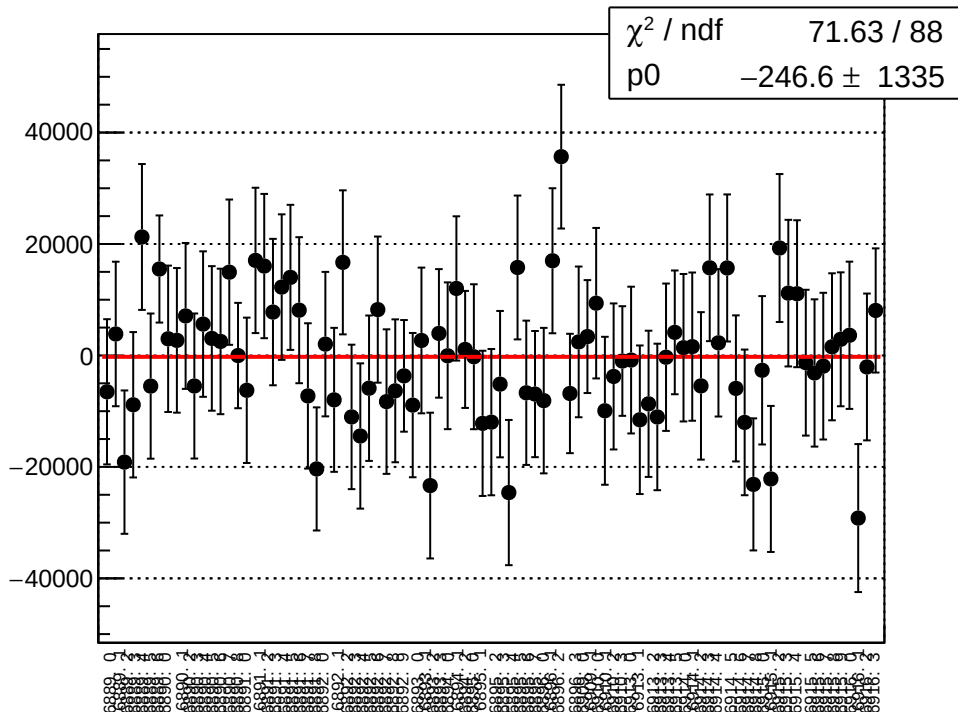
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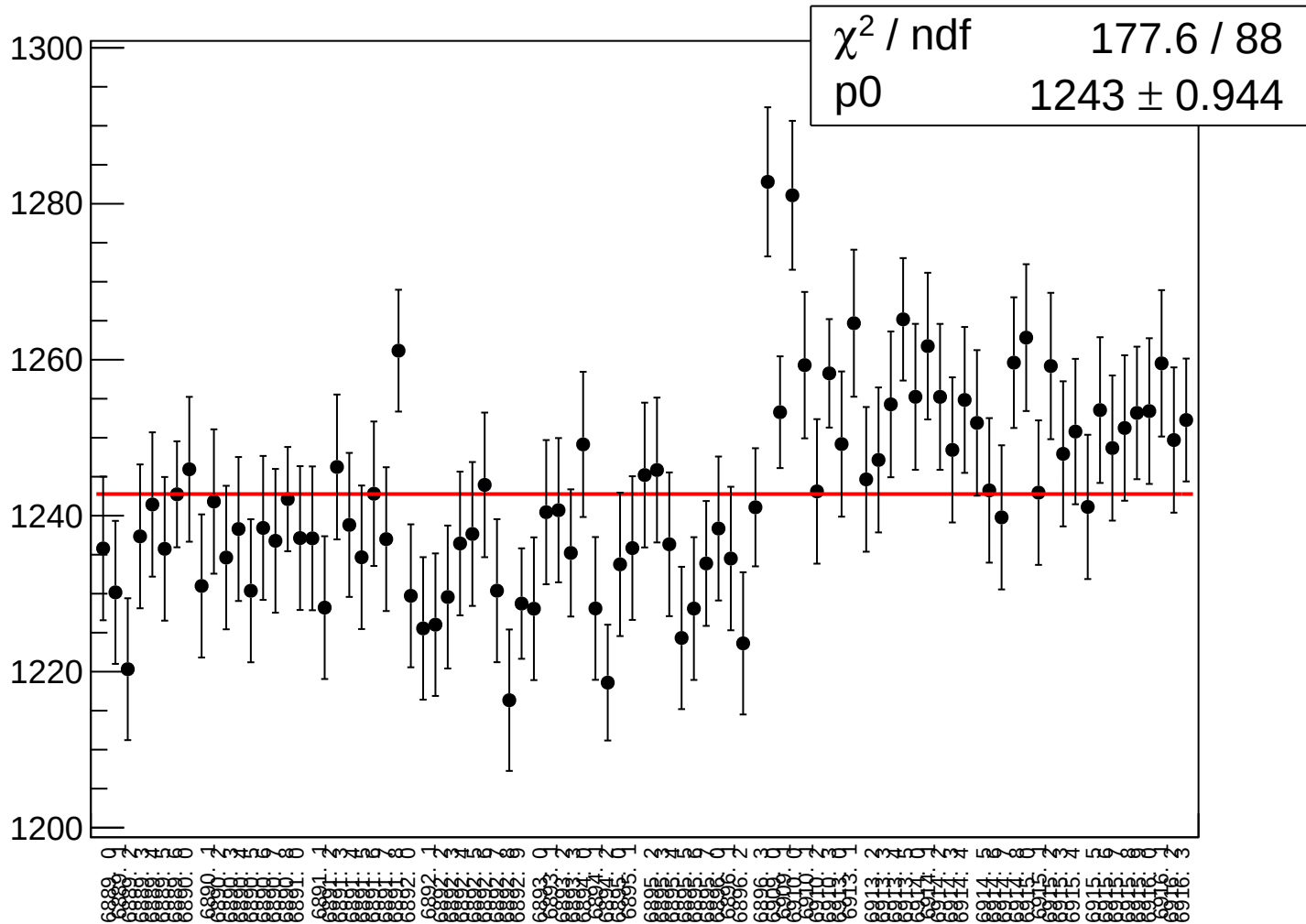
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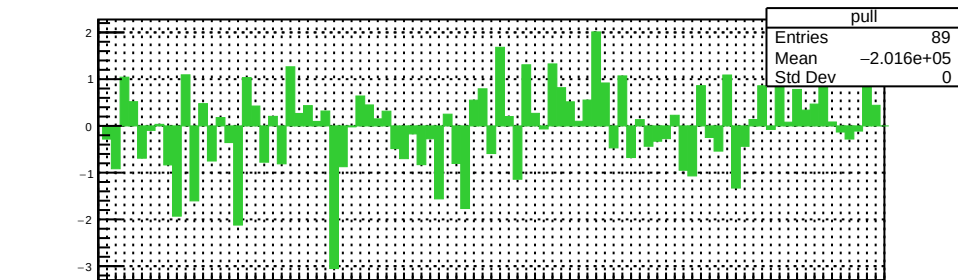
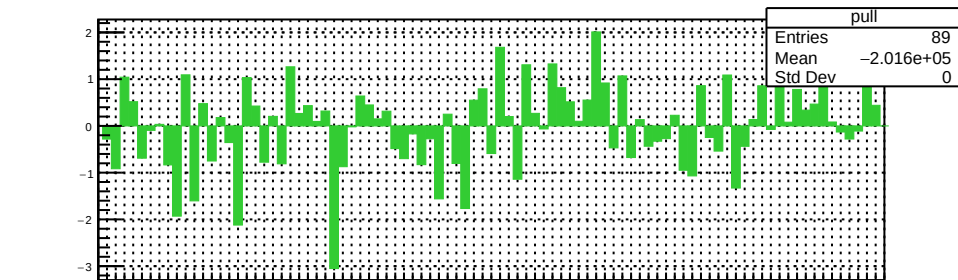
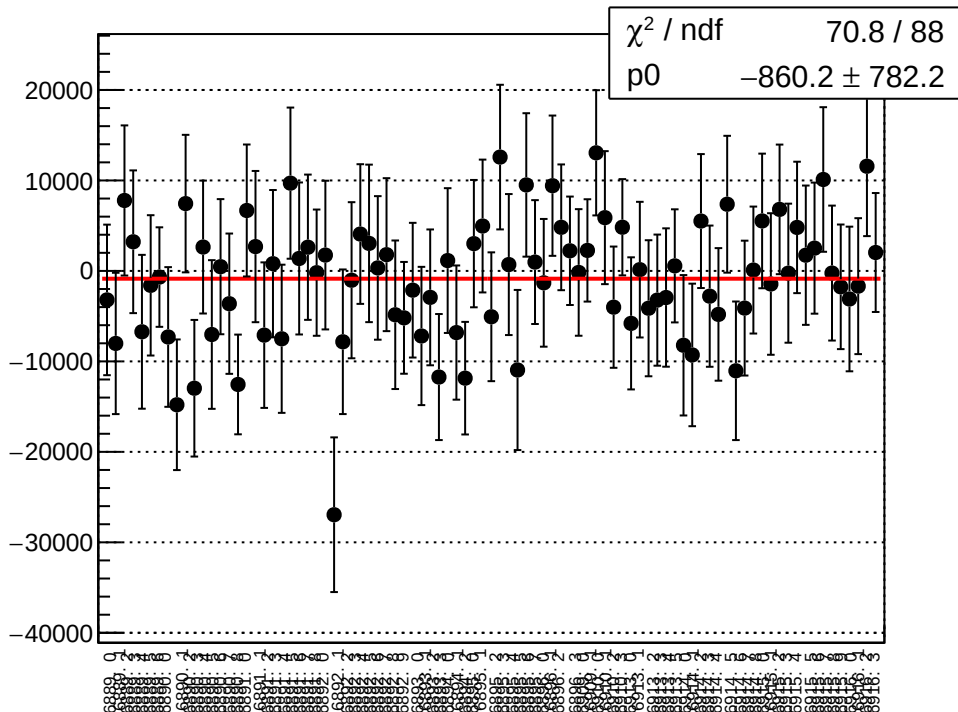
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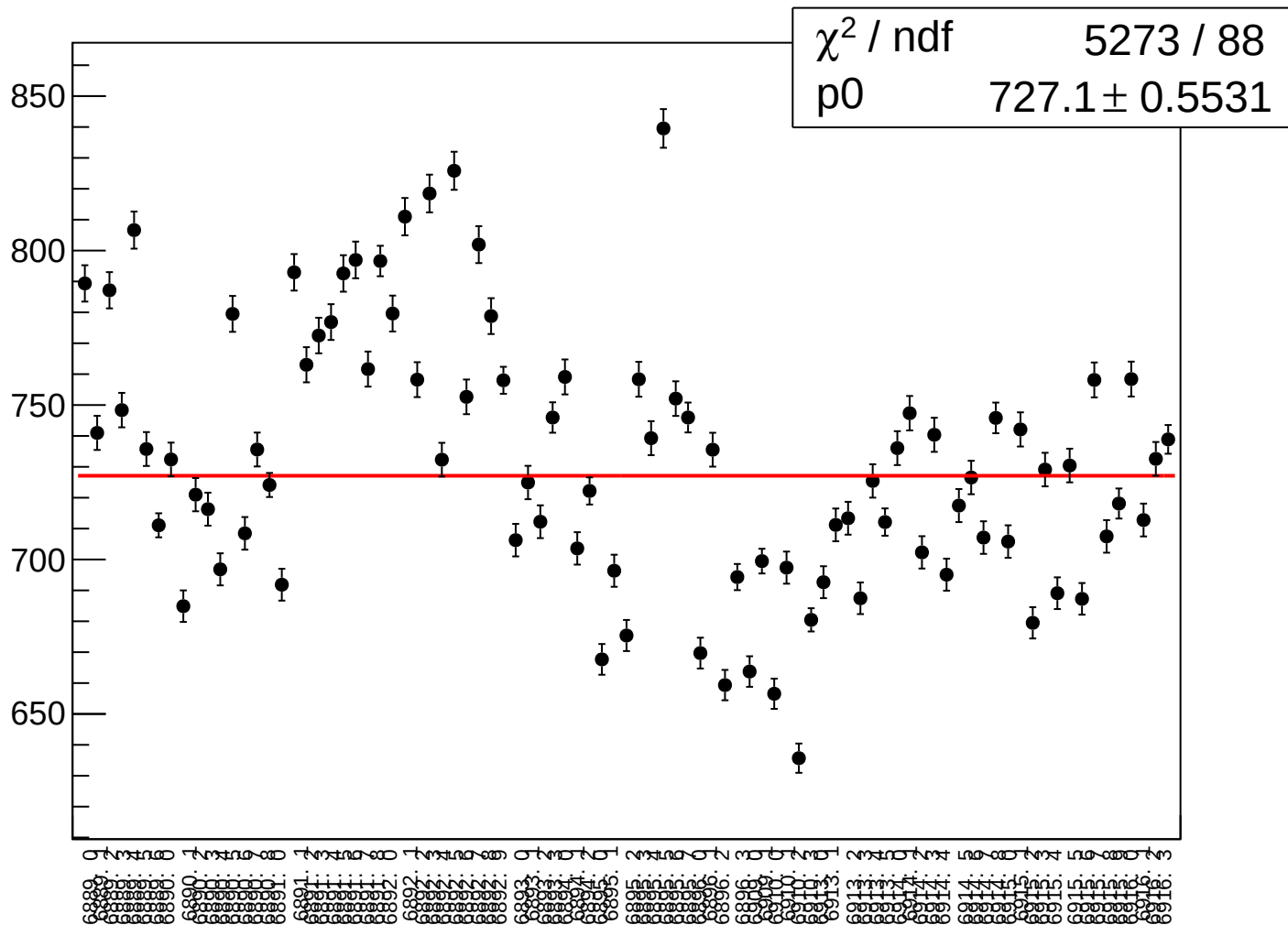
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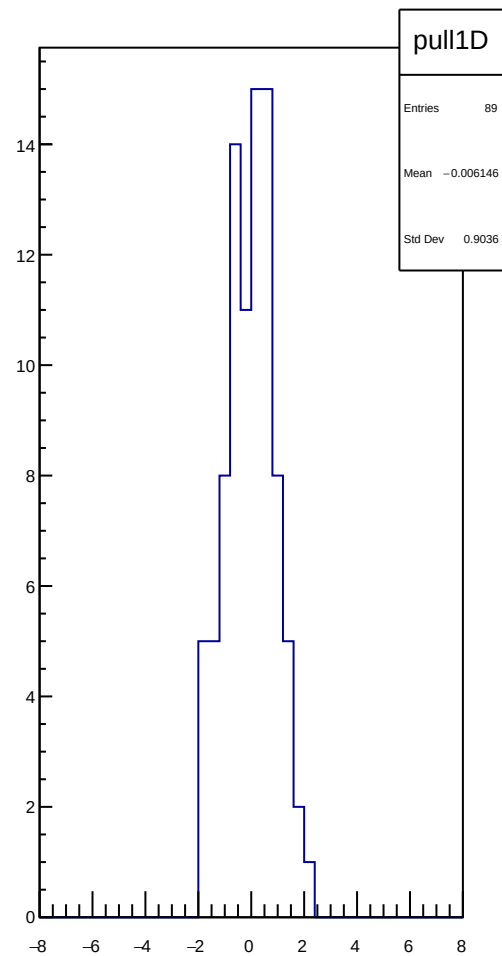
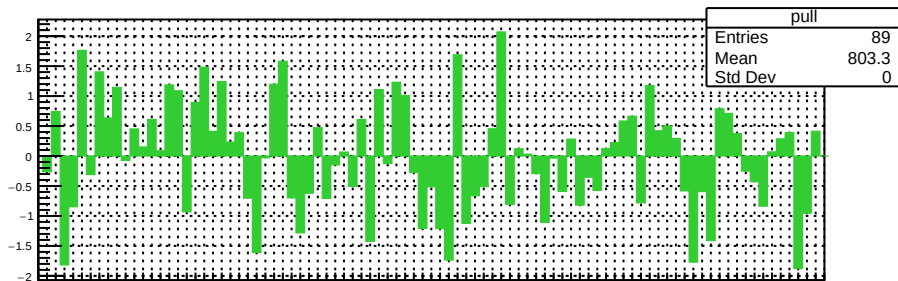
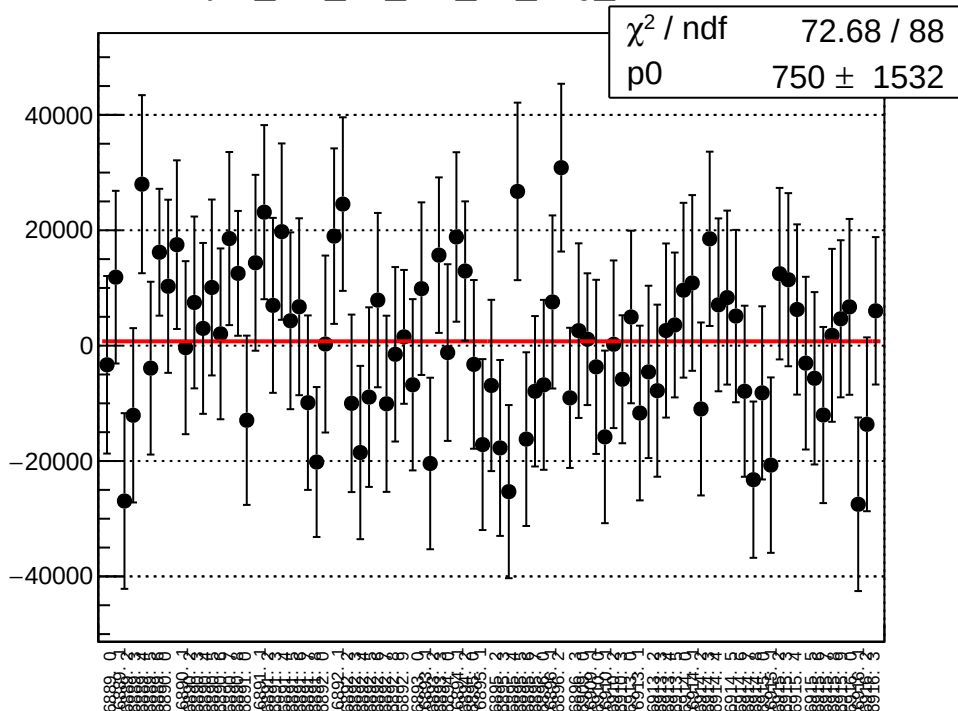
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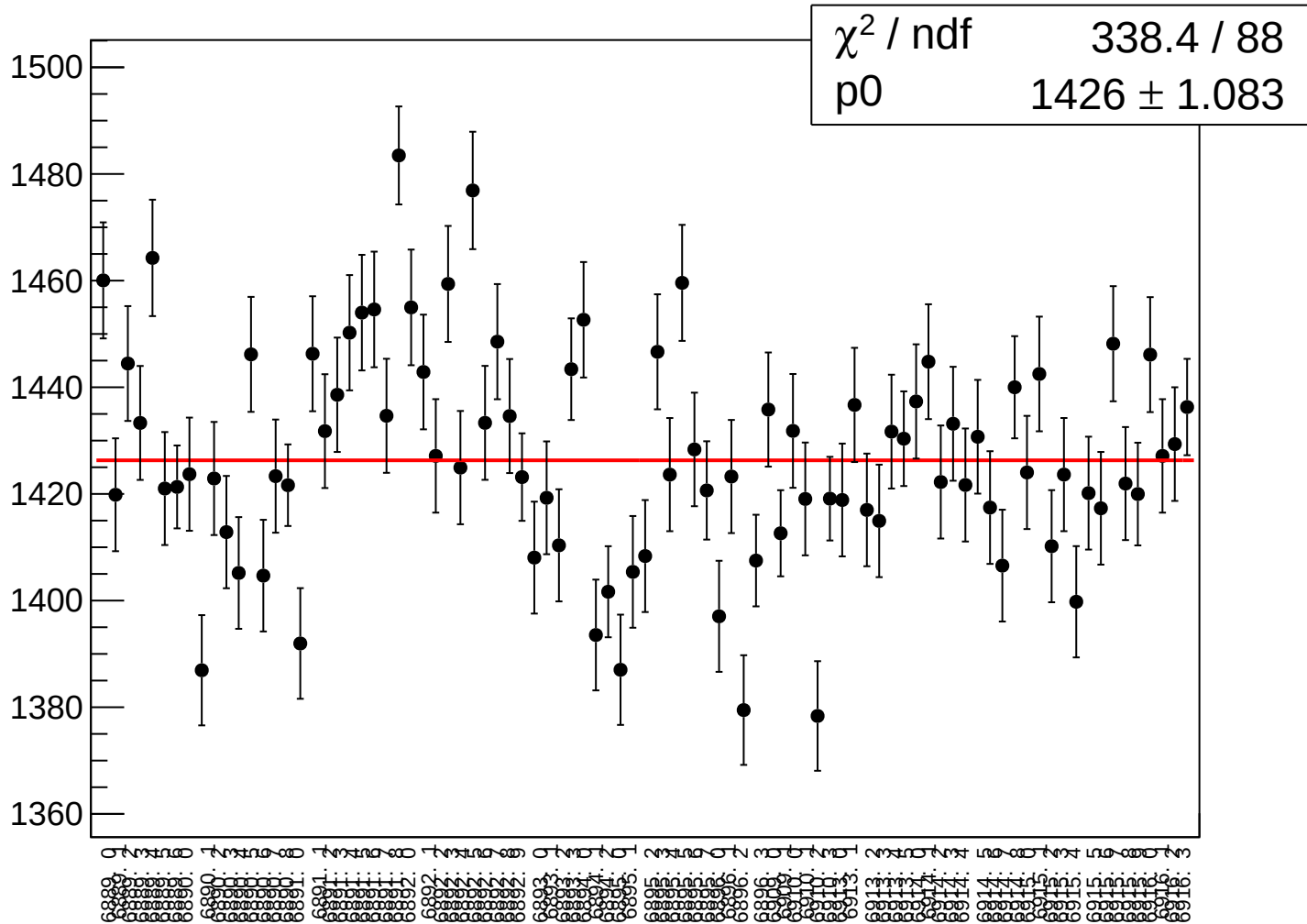
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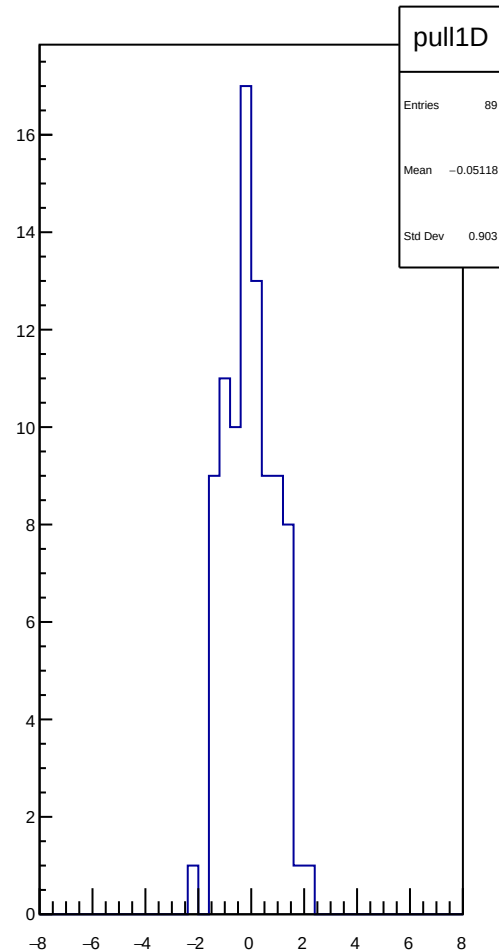
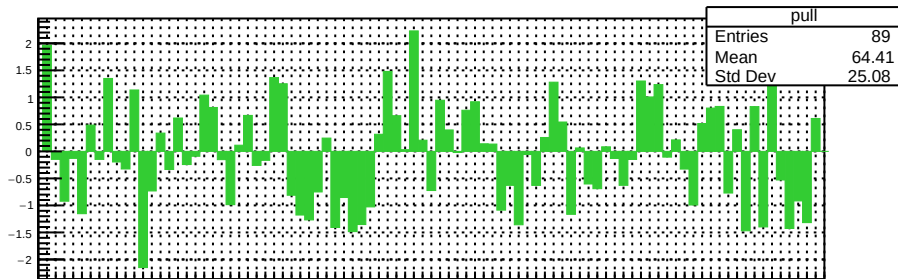
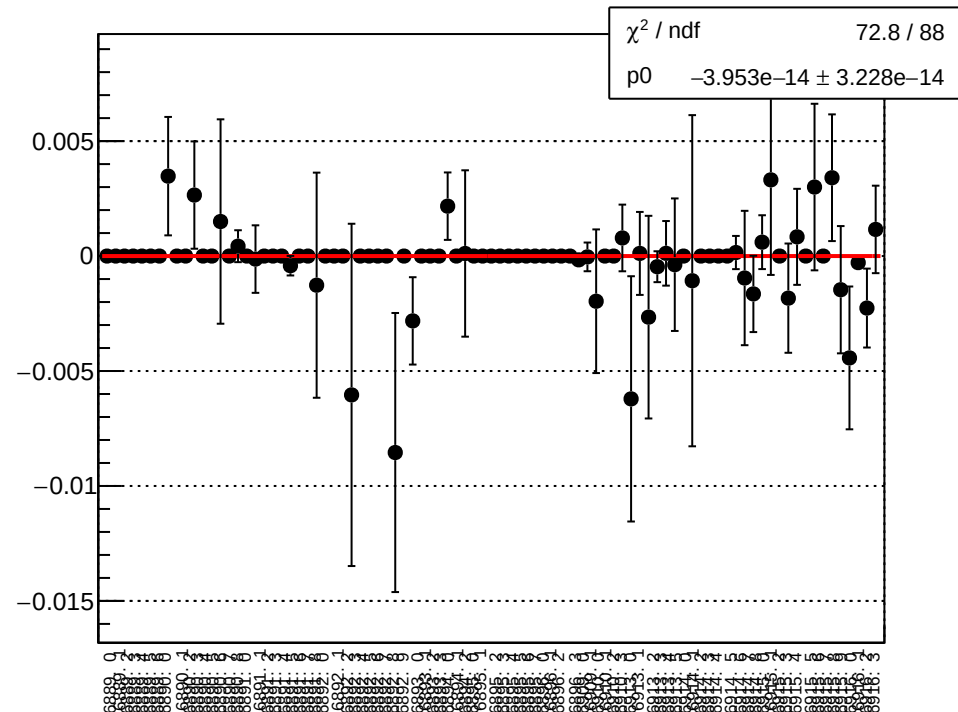
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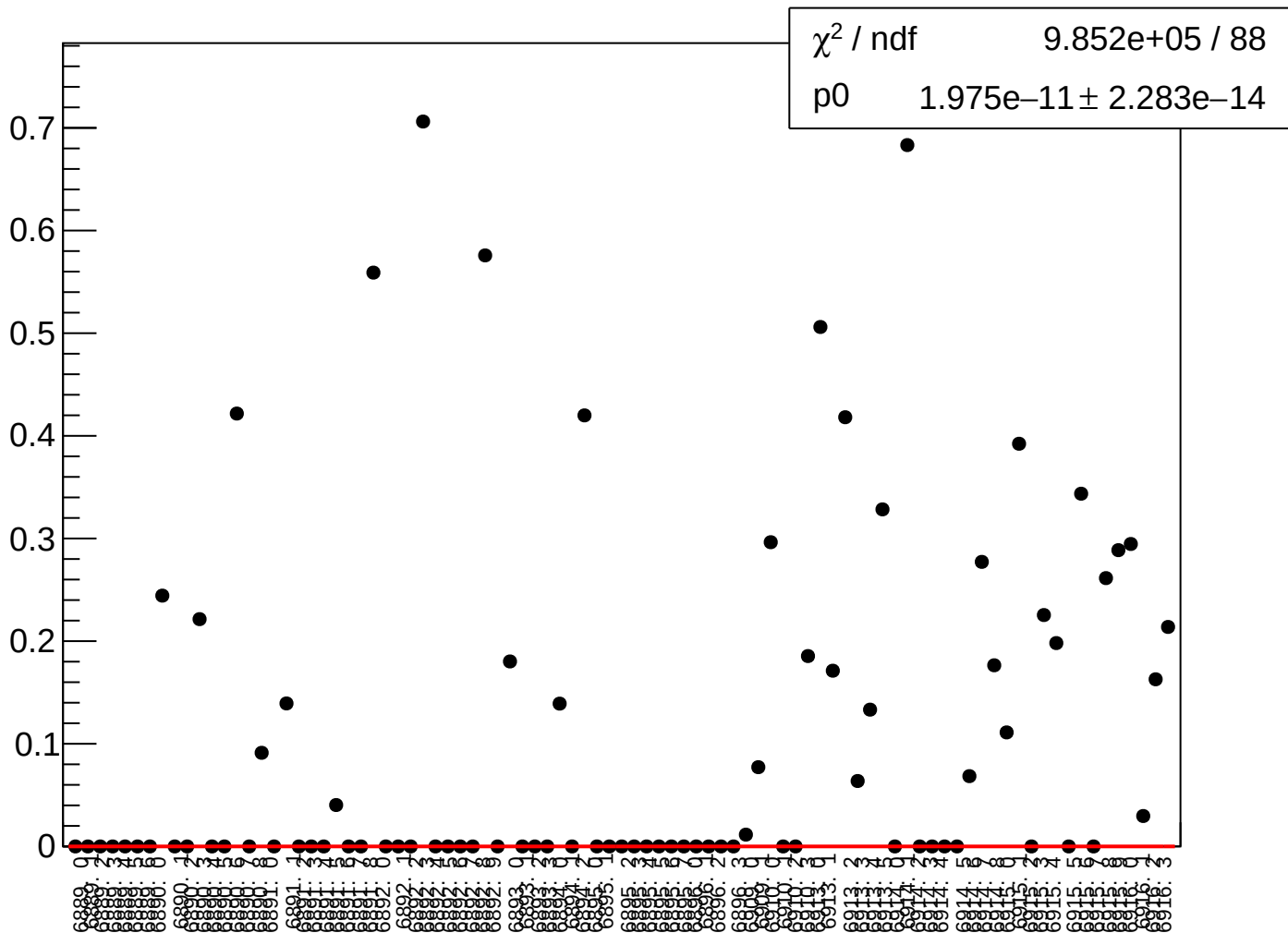
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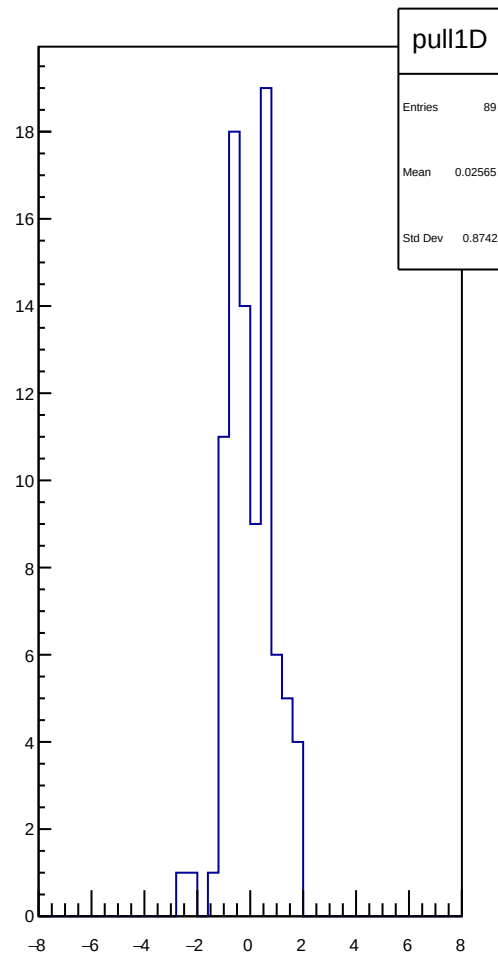
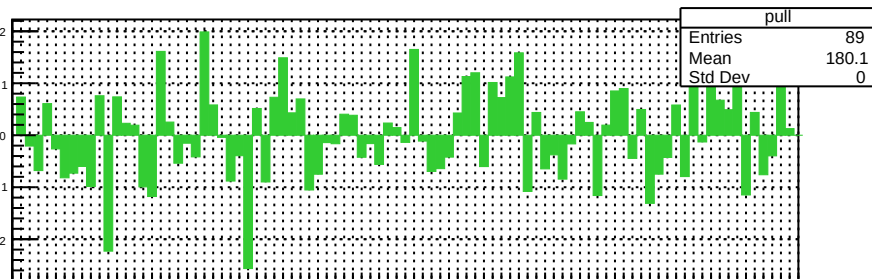
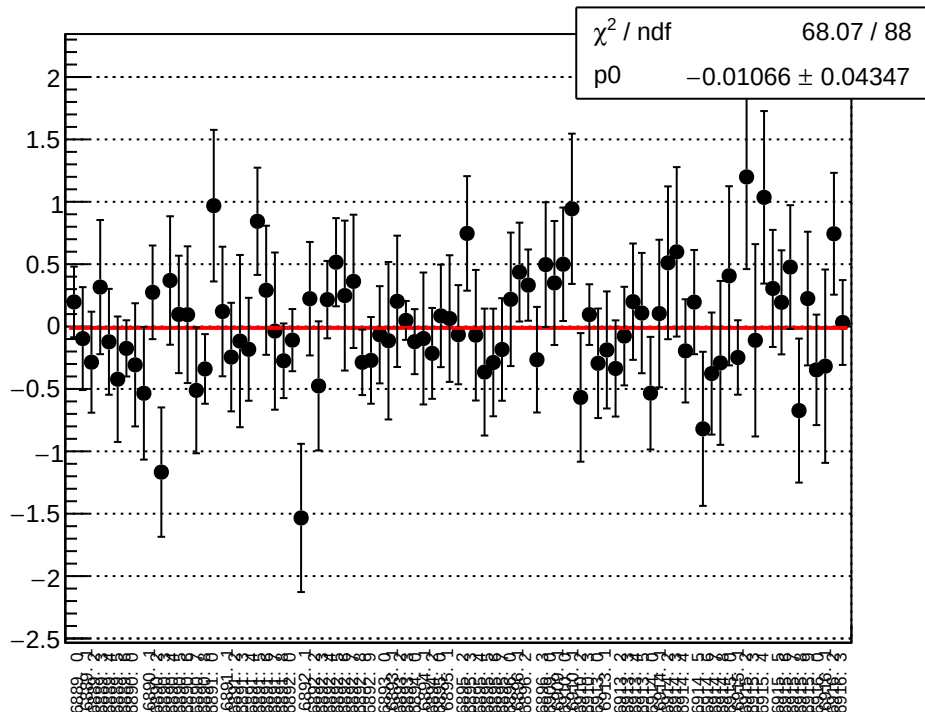
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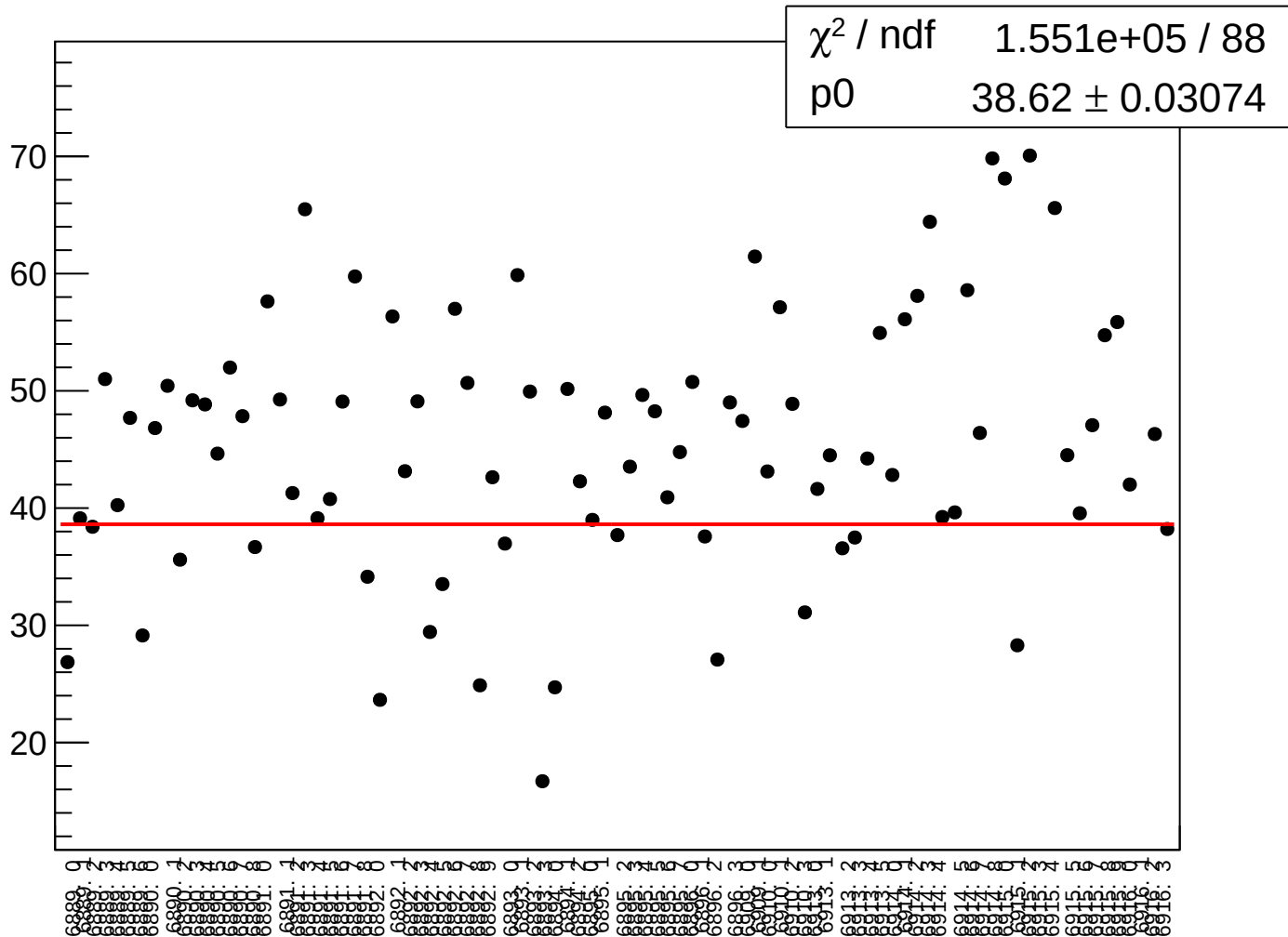
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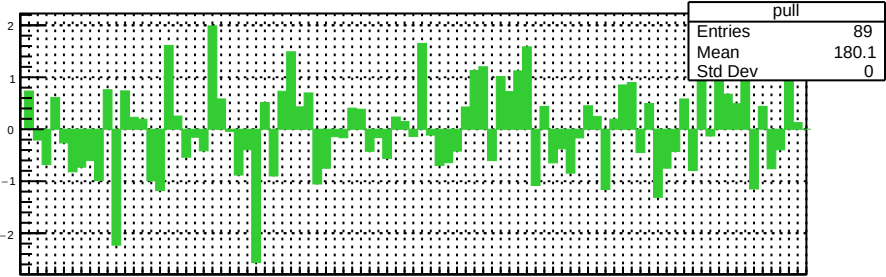
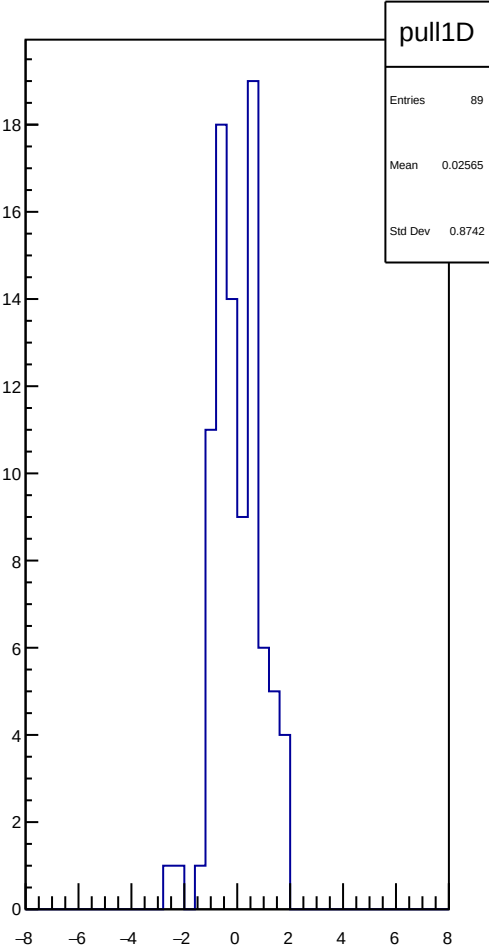
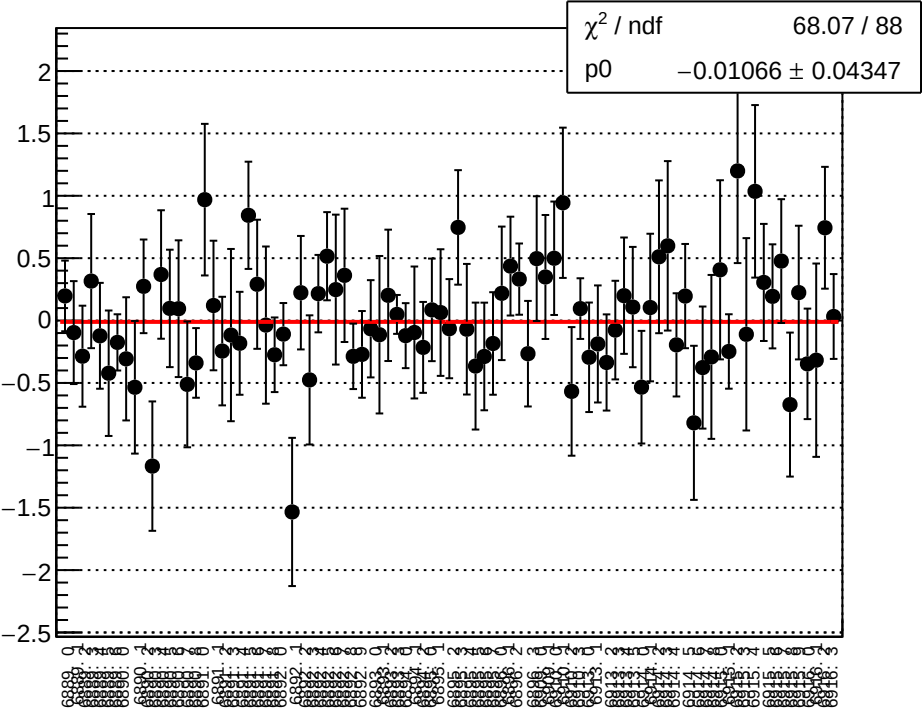
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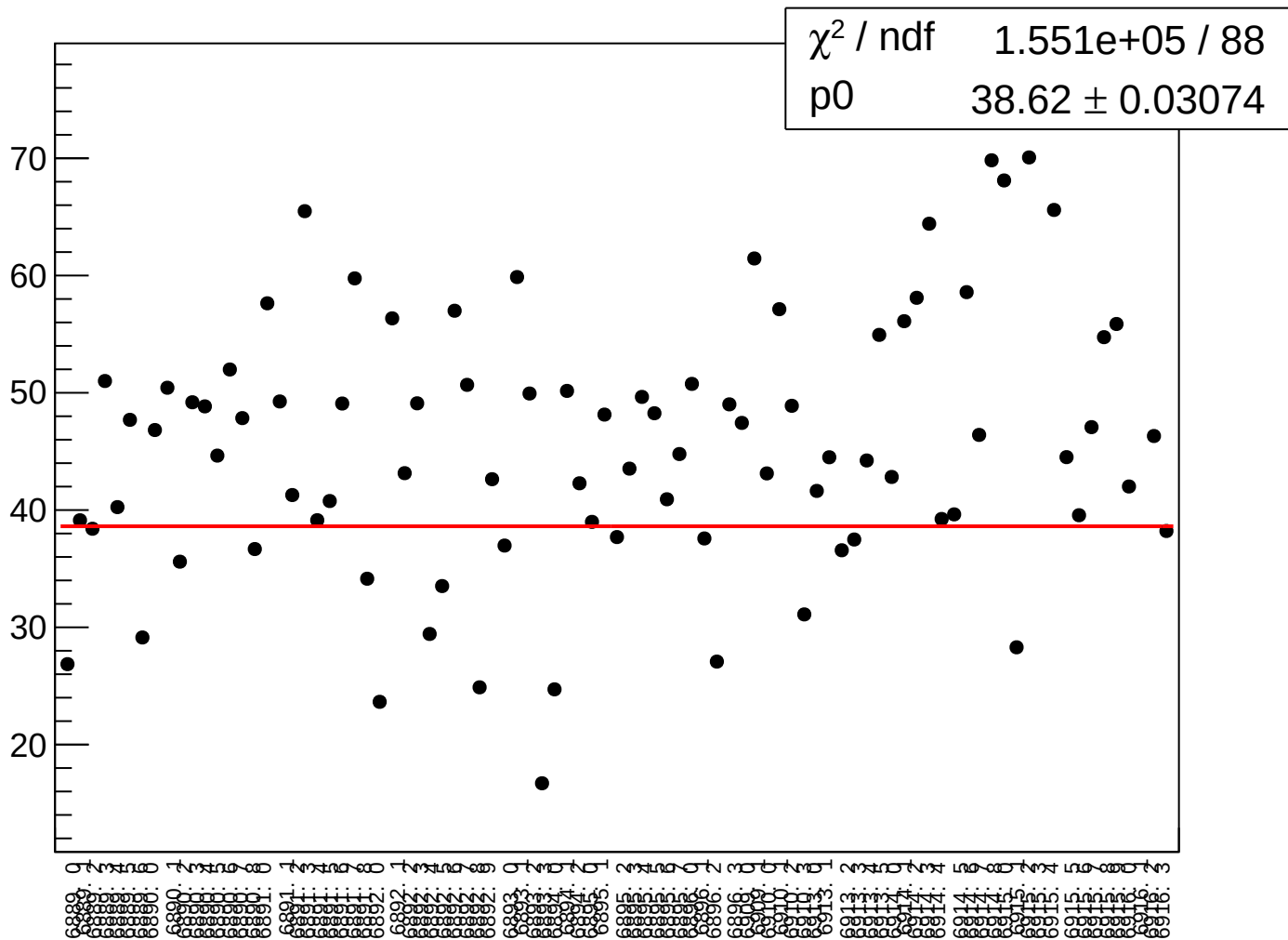
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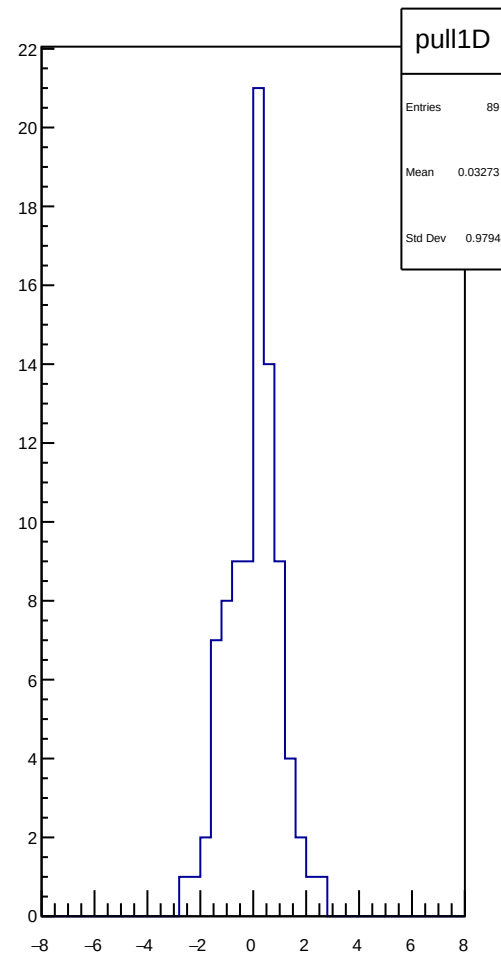
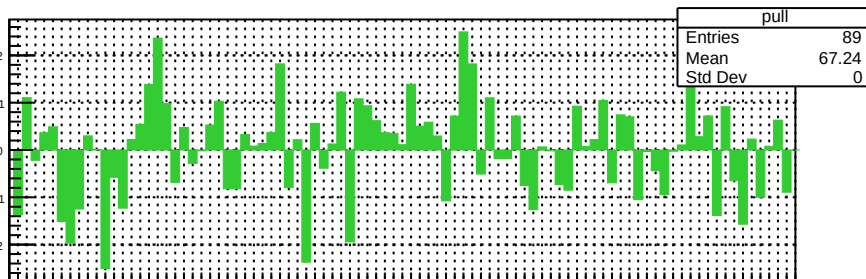
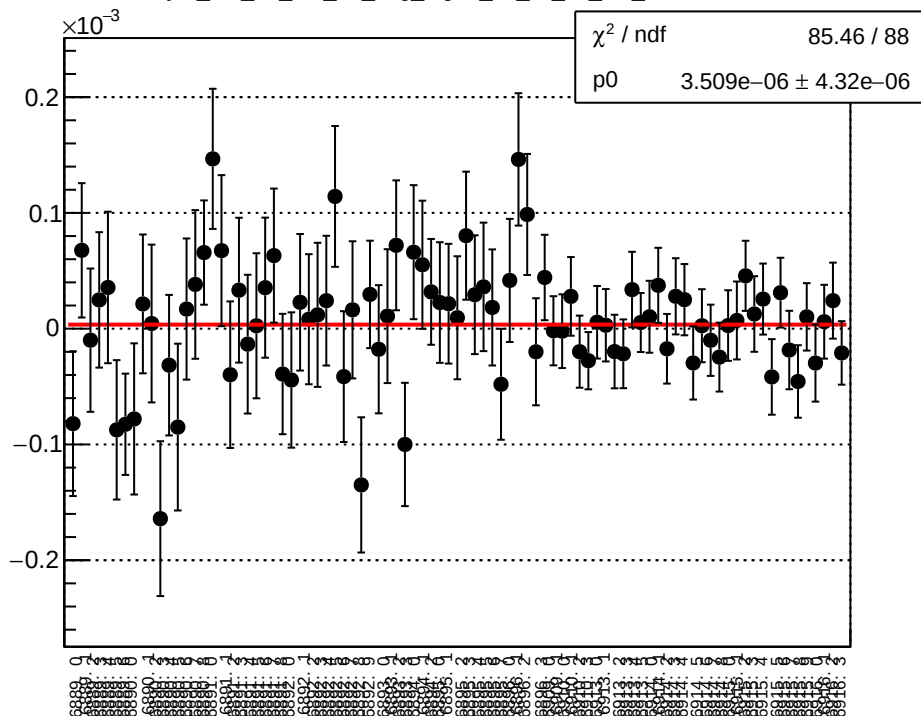
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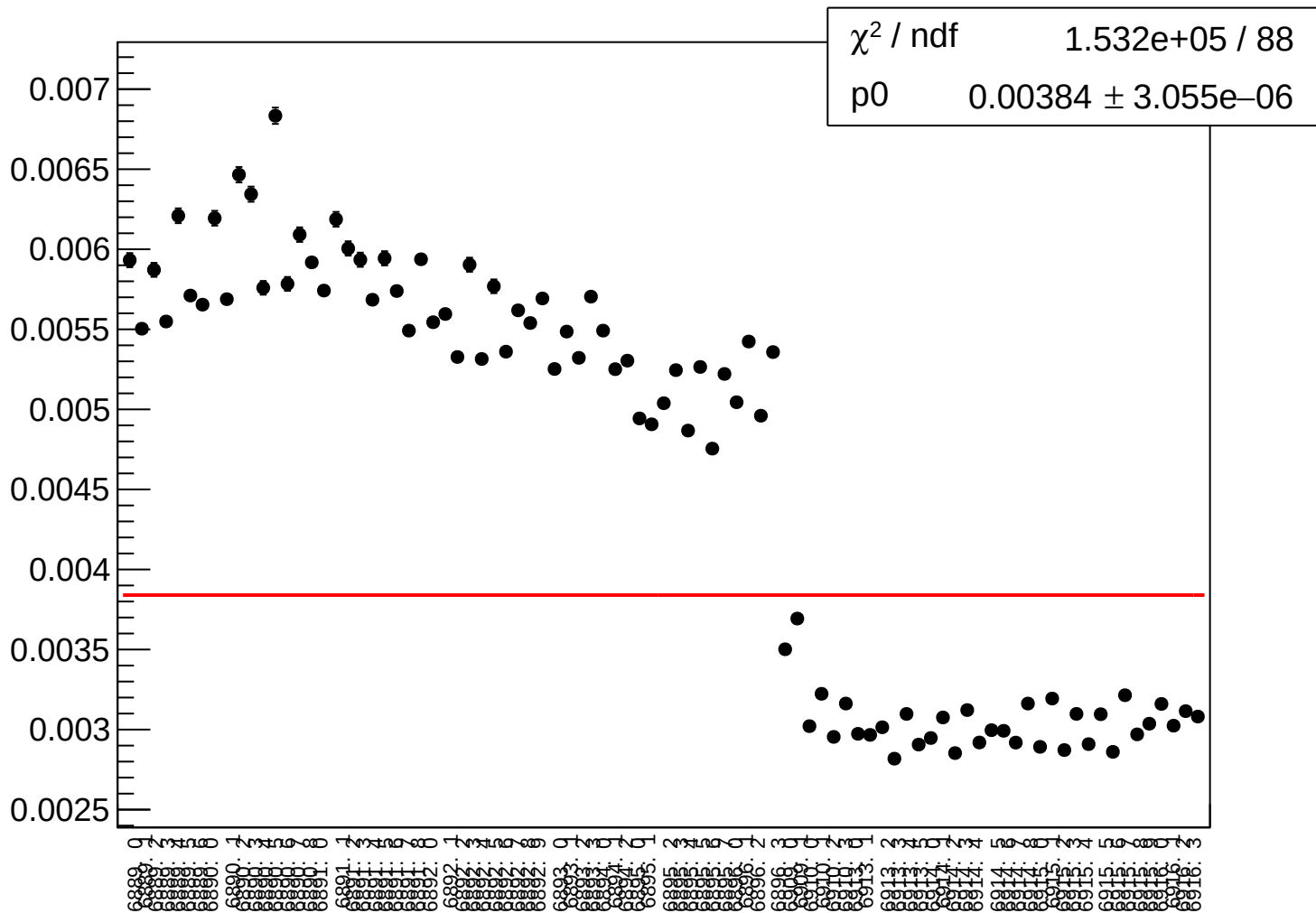
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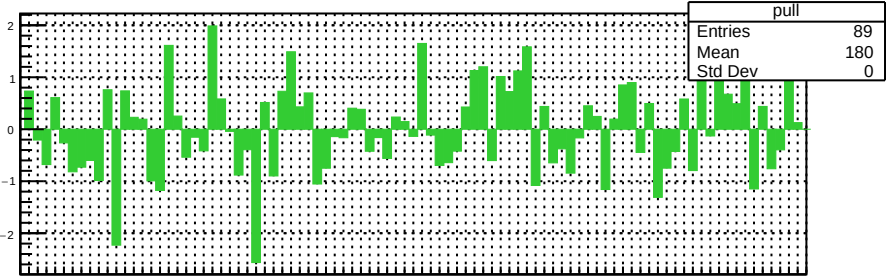
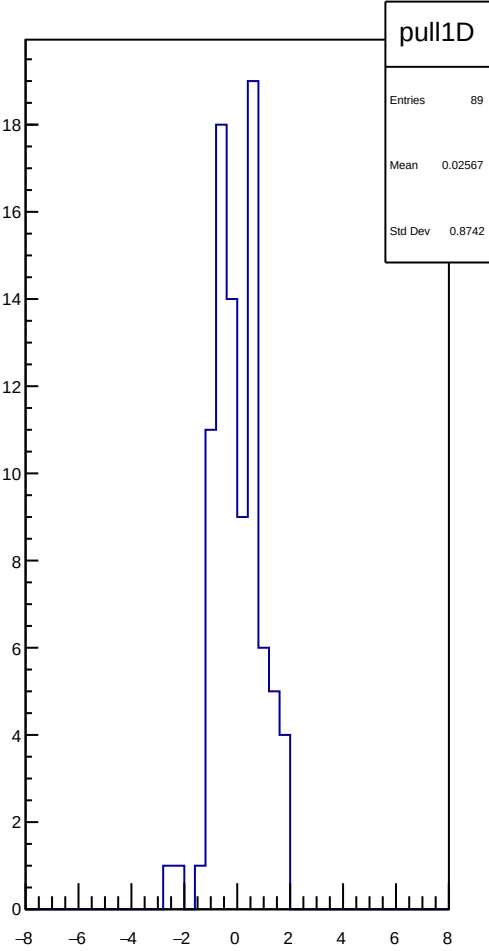
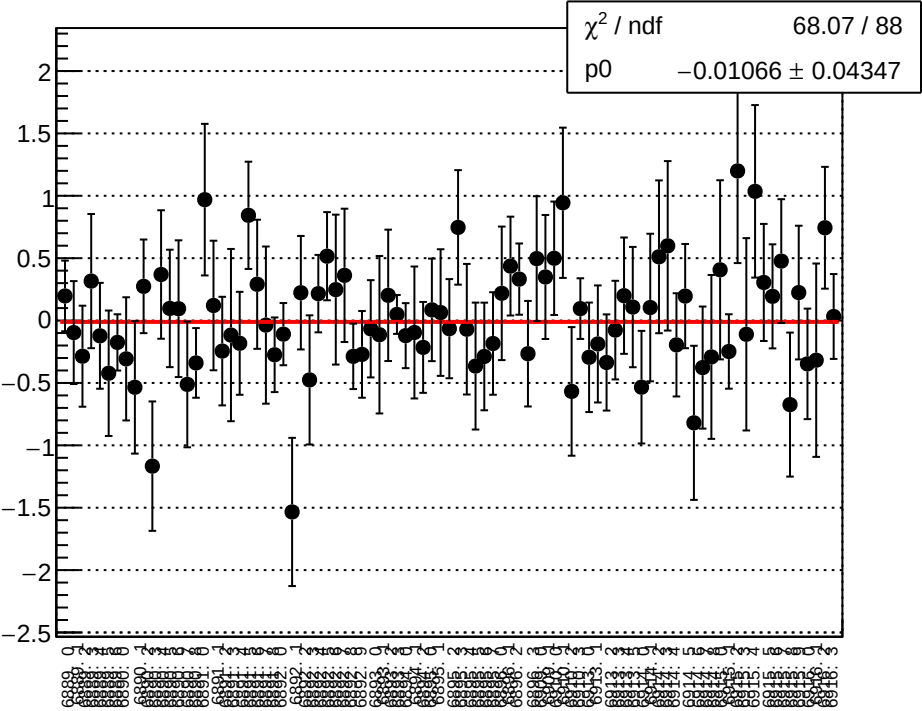
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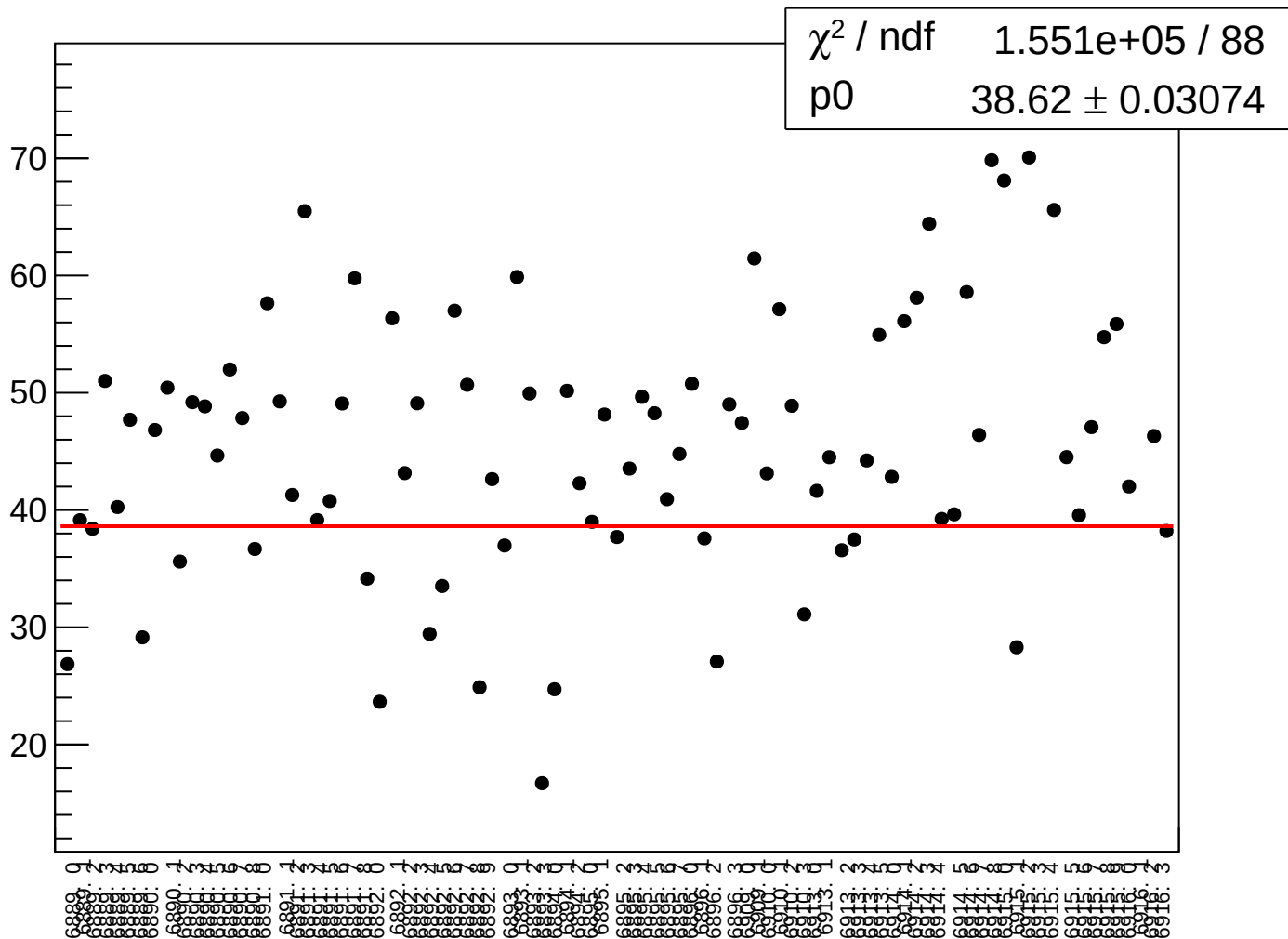
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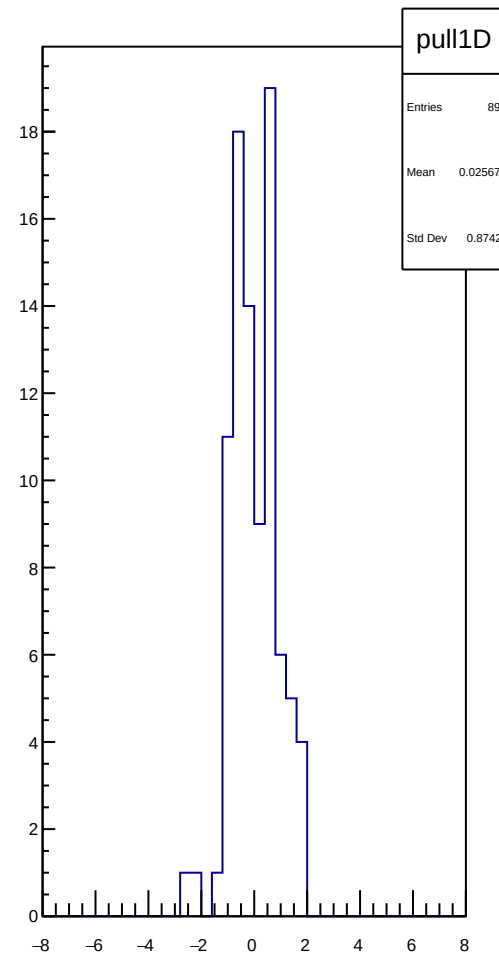
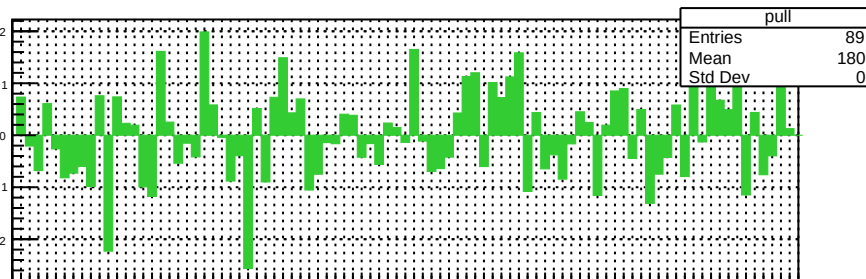
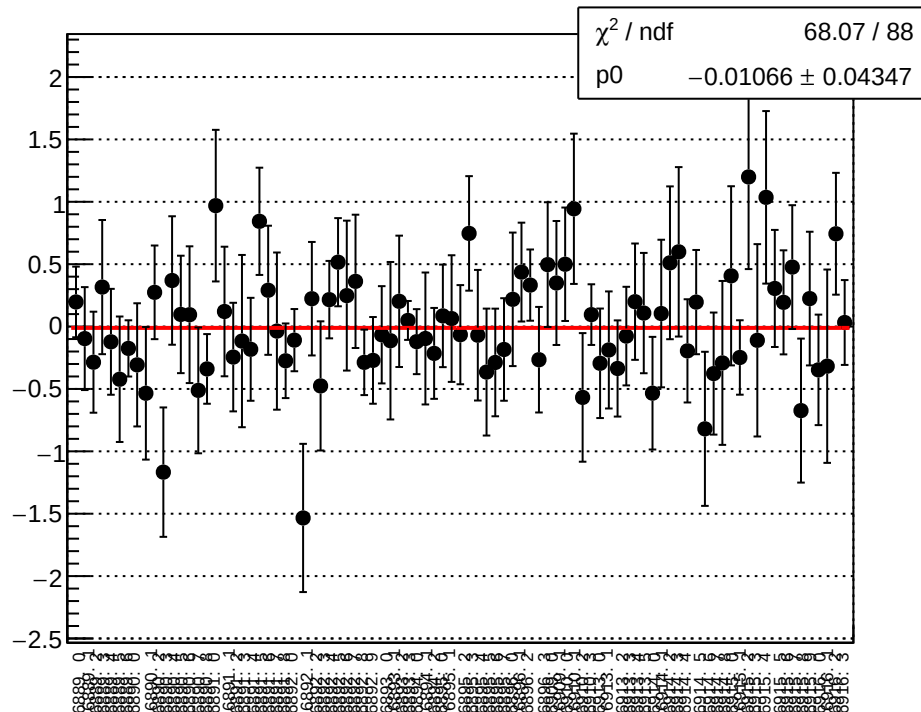
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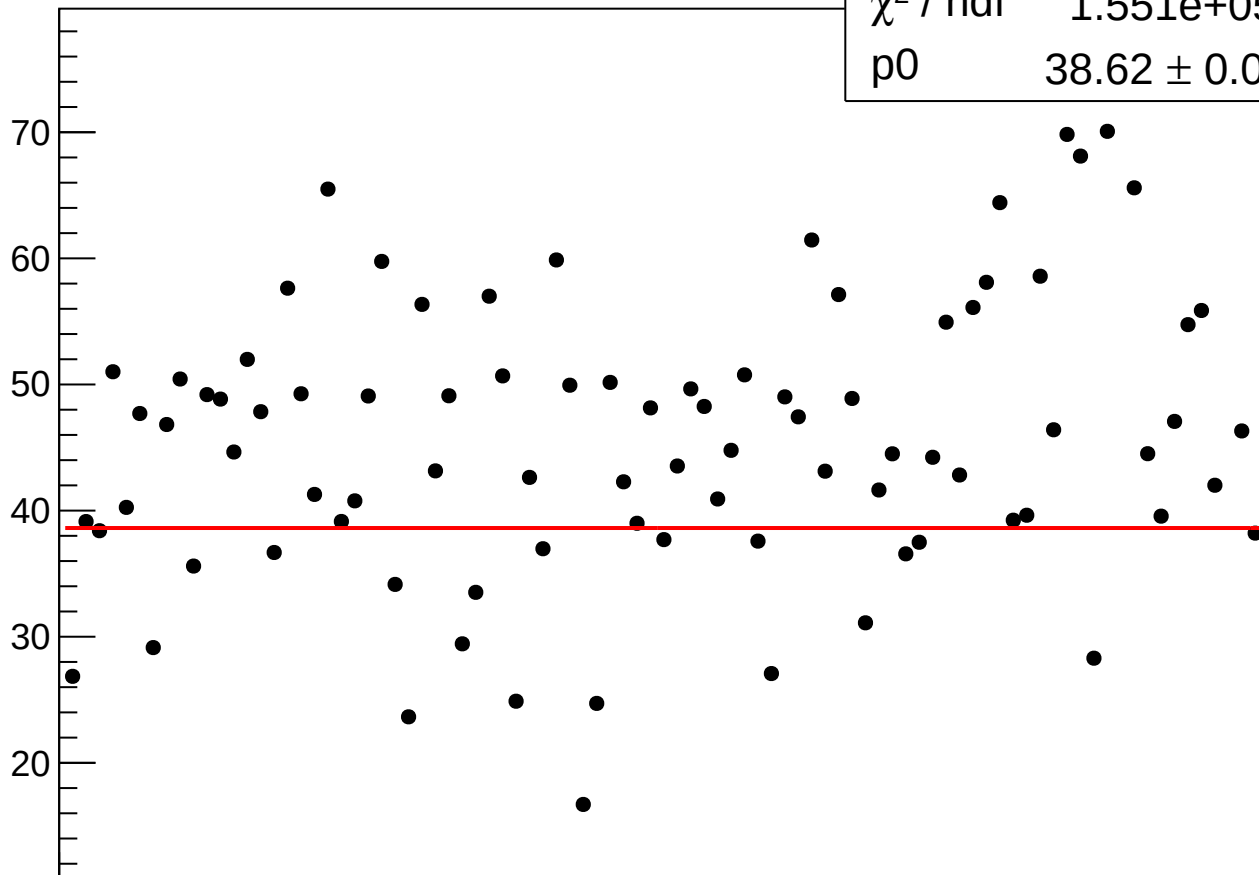


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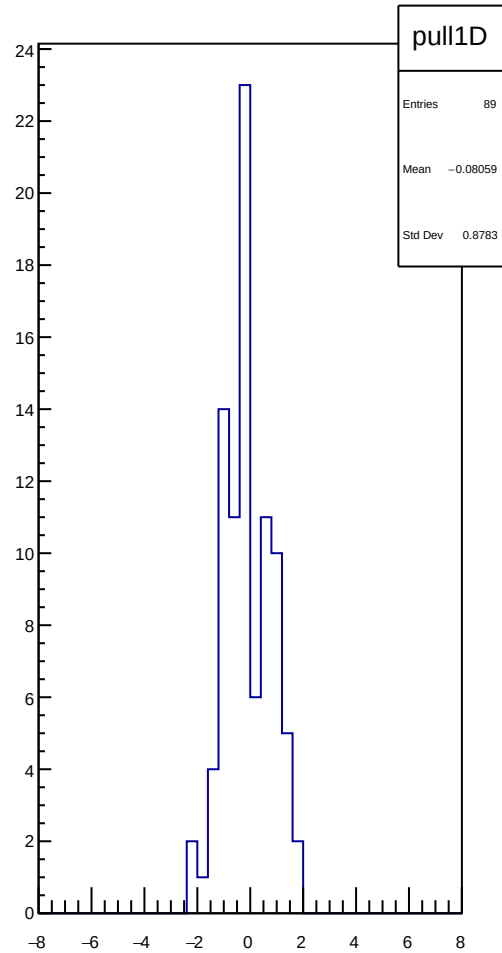
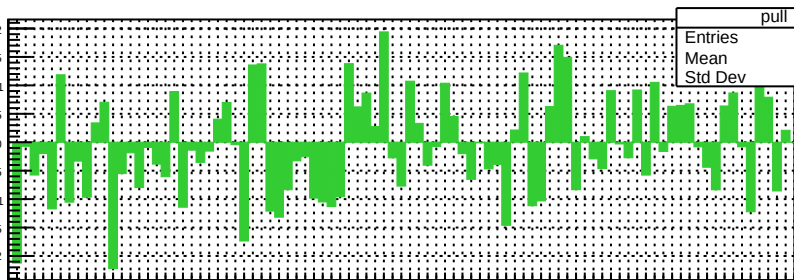
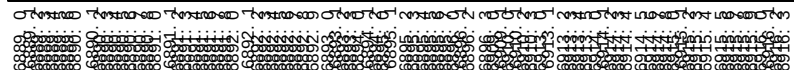


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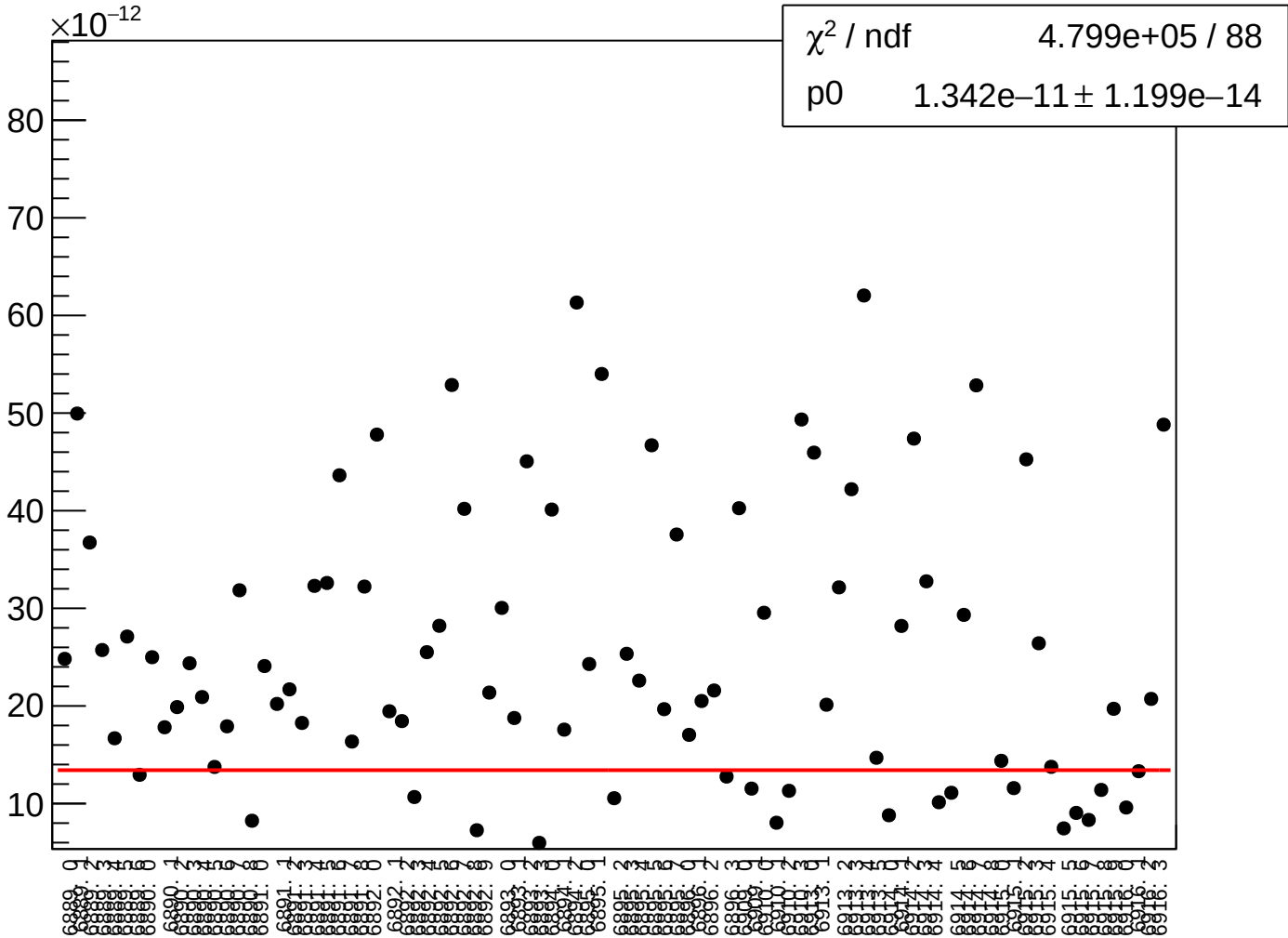
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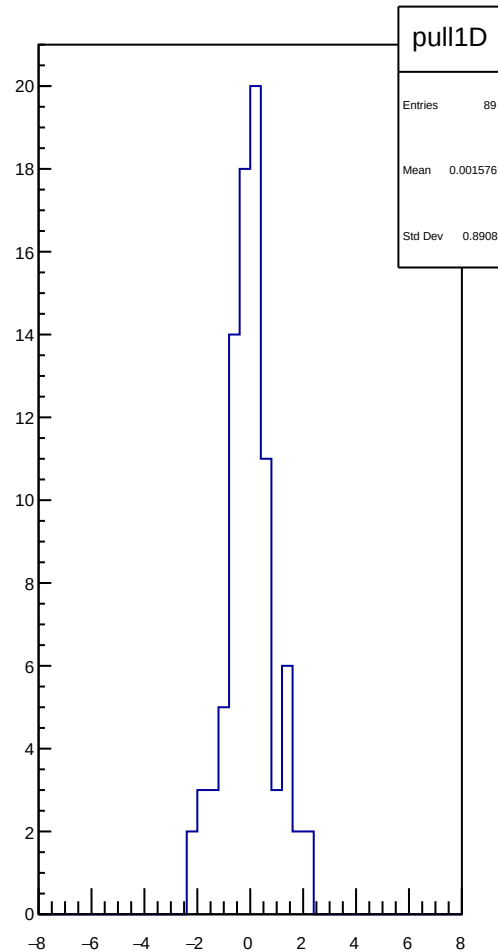
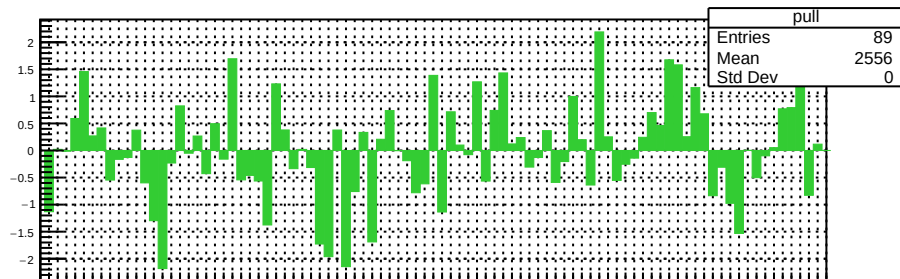
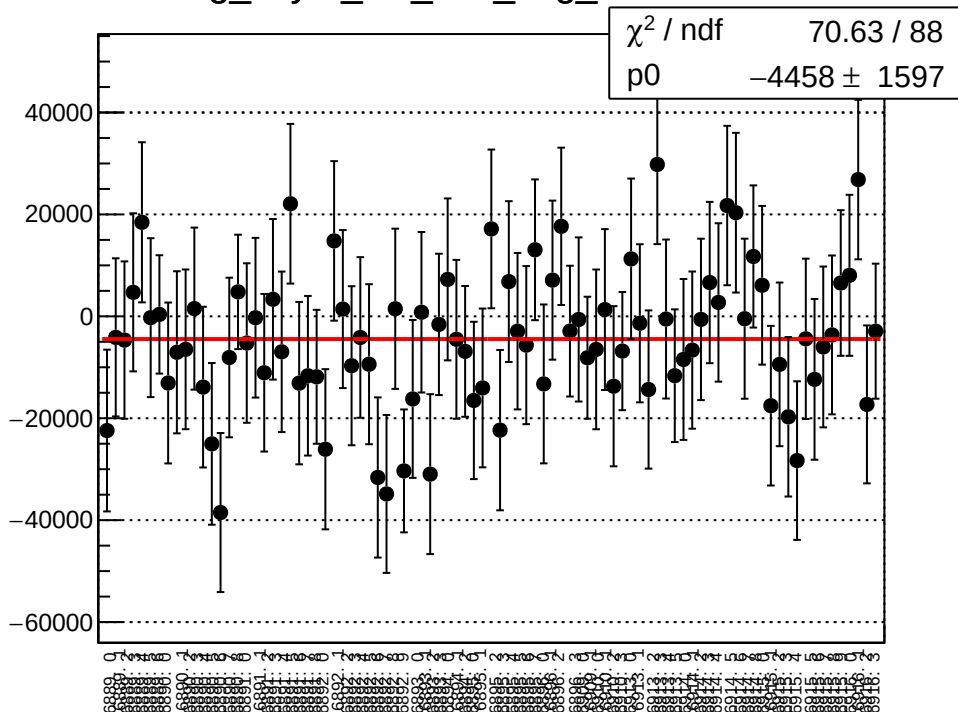
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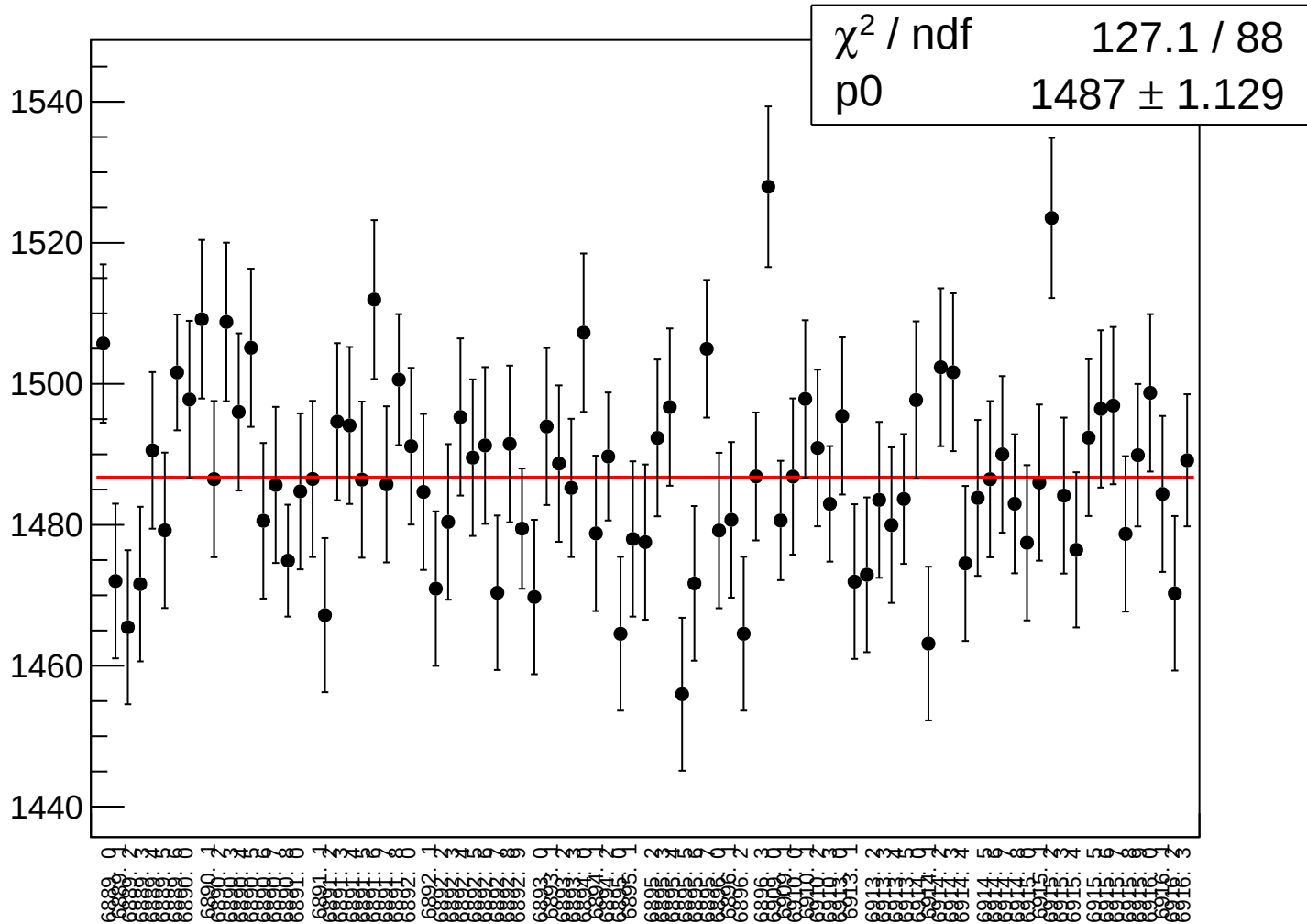
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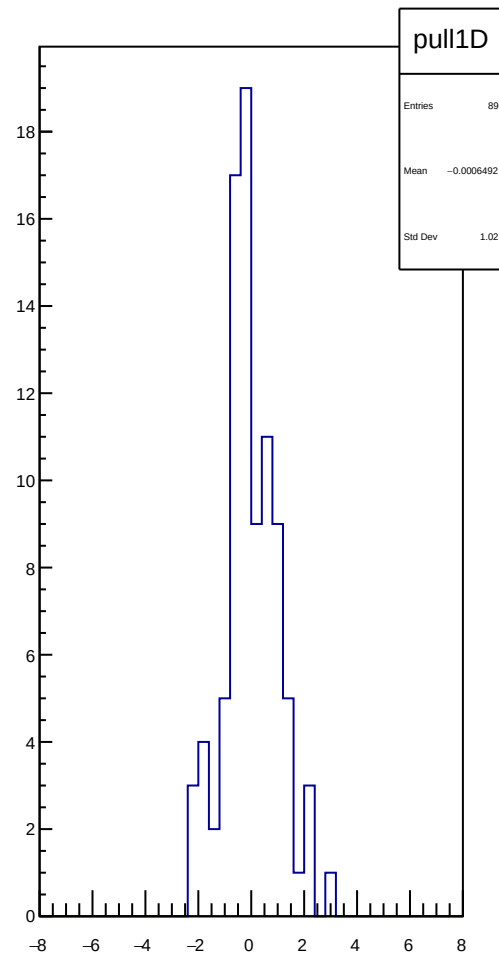
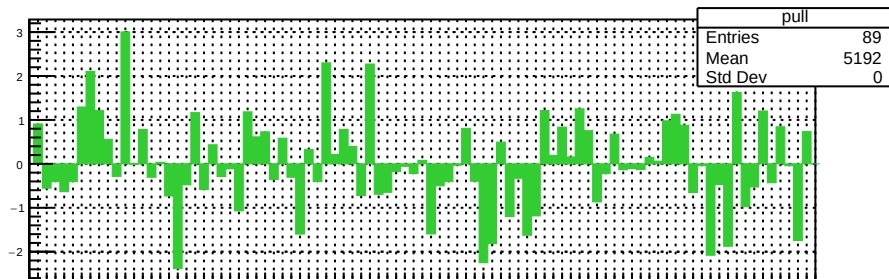
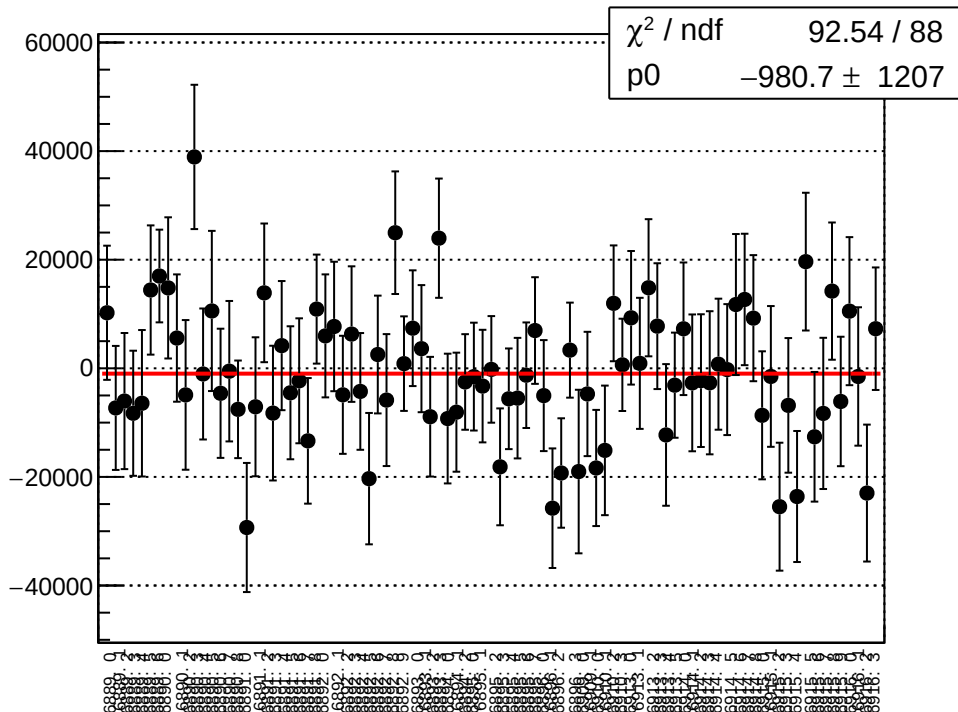
reg_asym_usl_atl1_avg_mean vs run



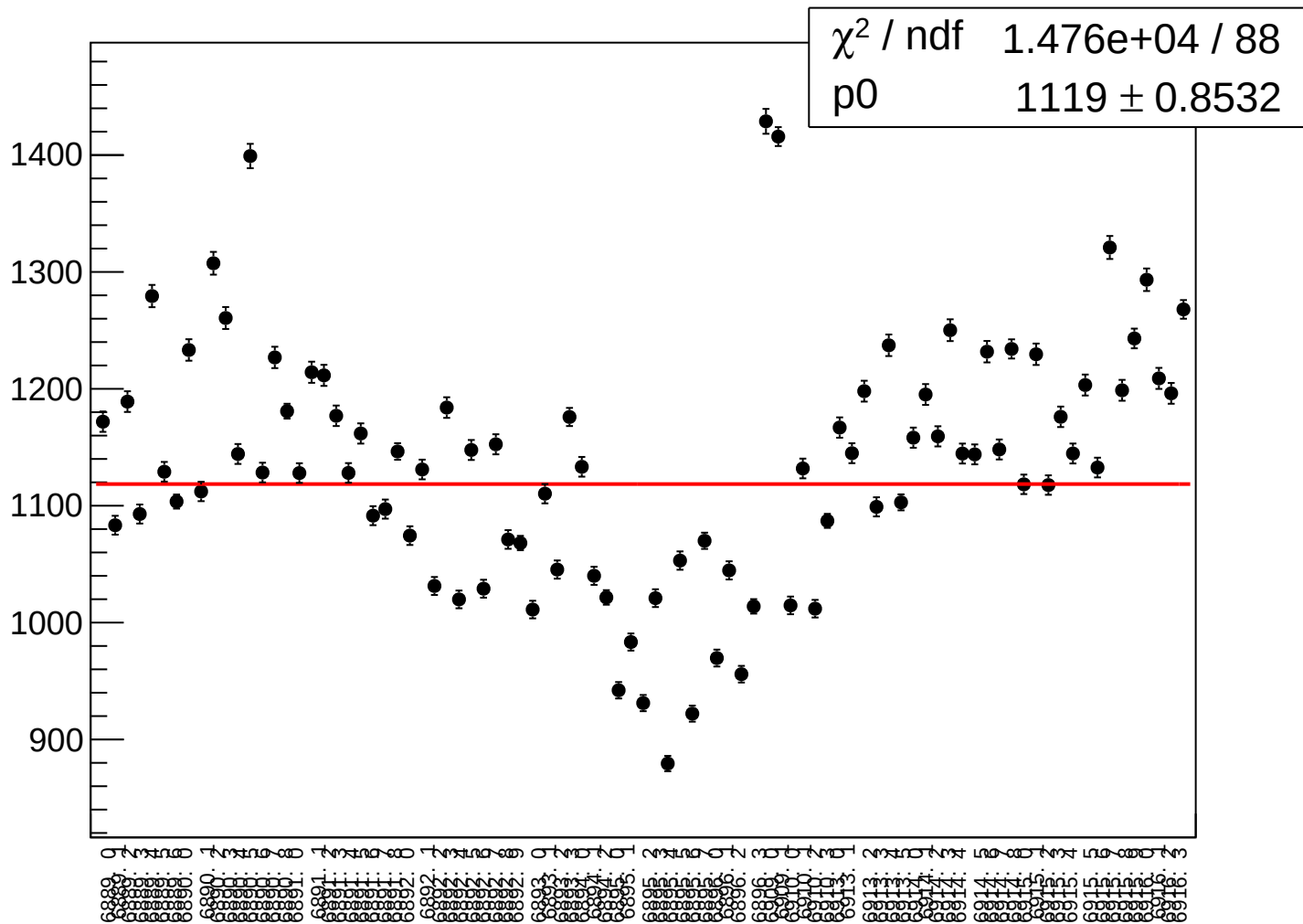
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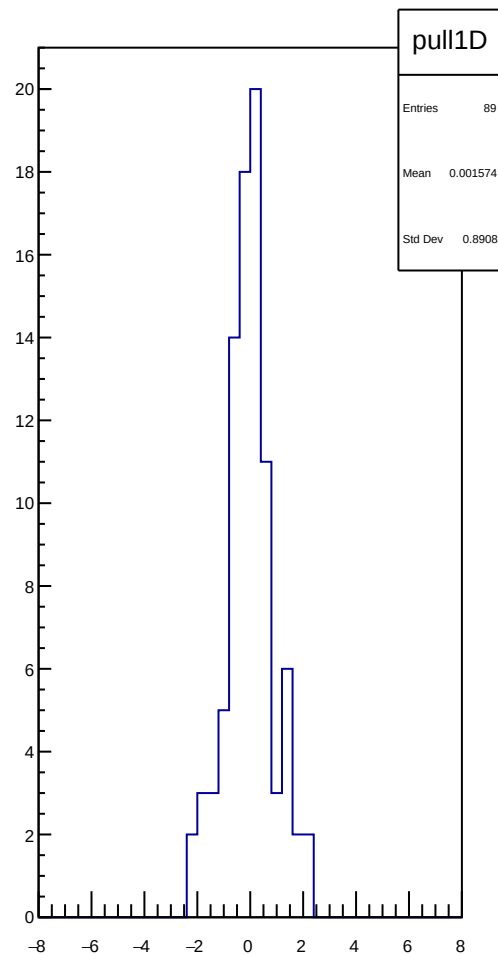
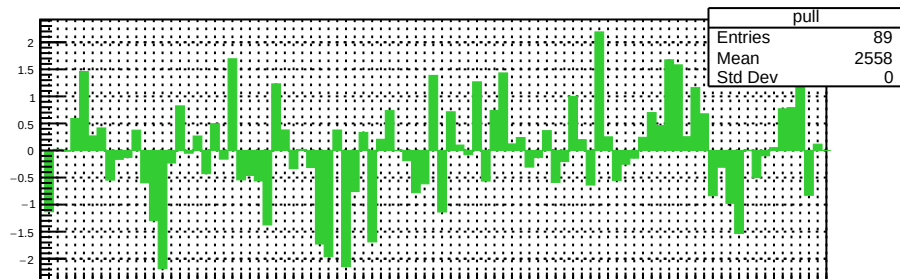
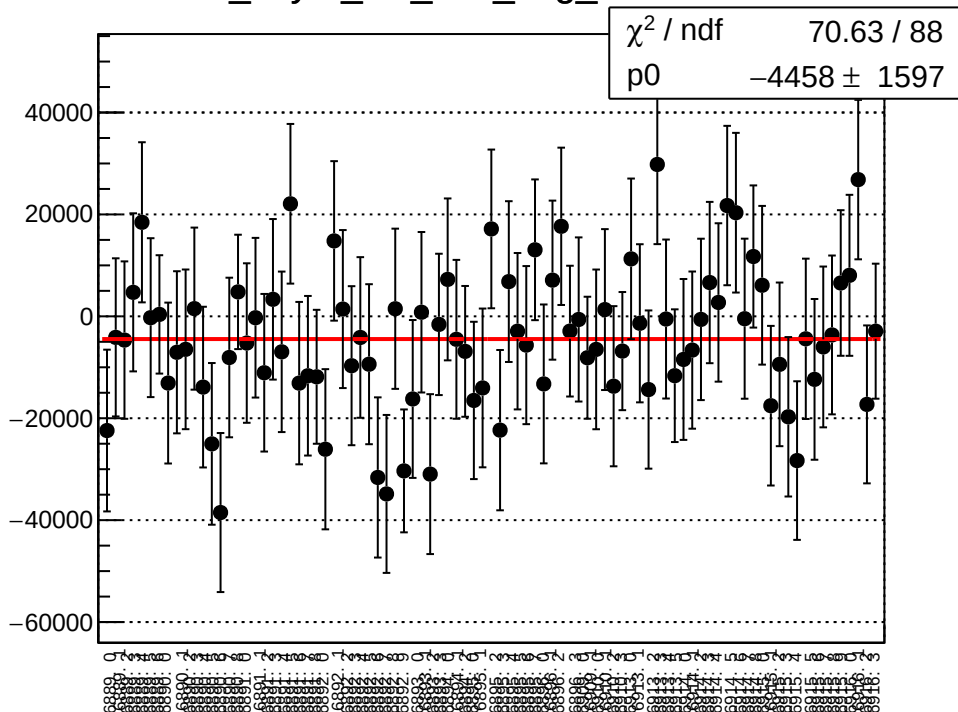
asym_usl_atl1_avg_reg_correction_mean vs run



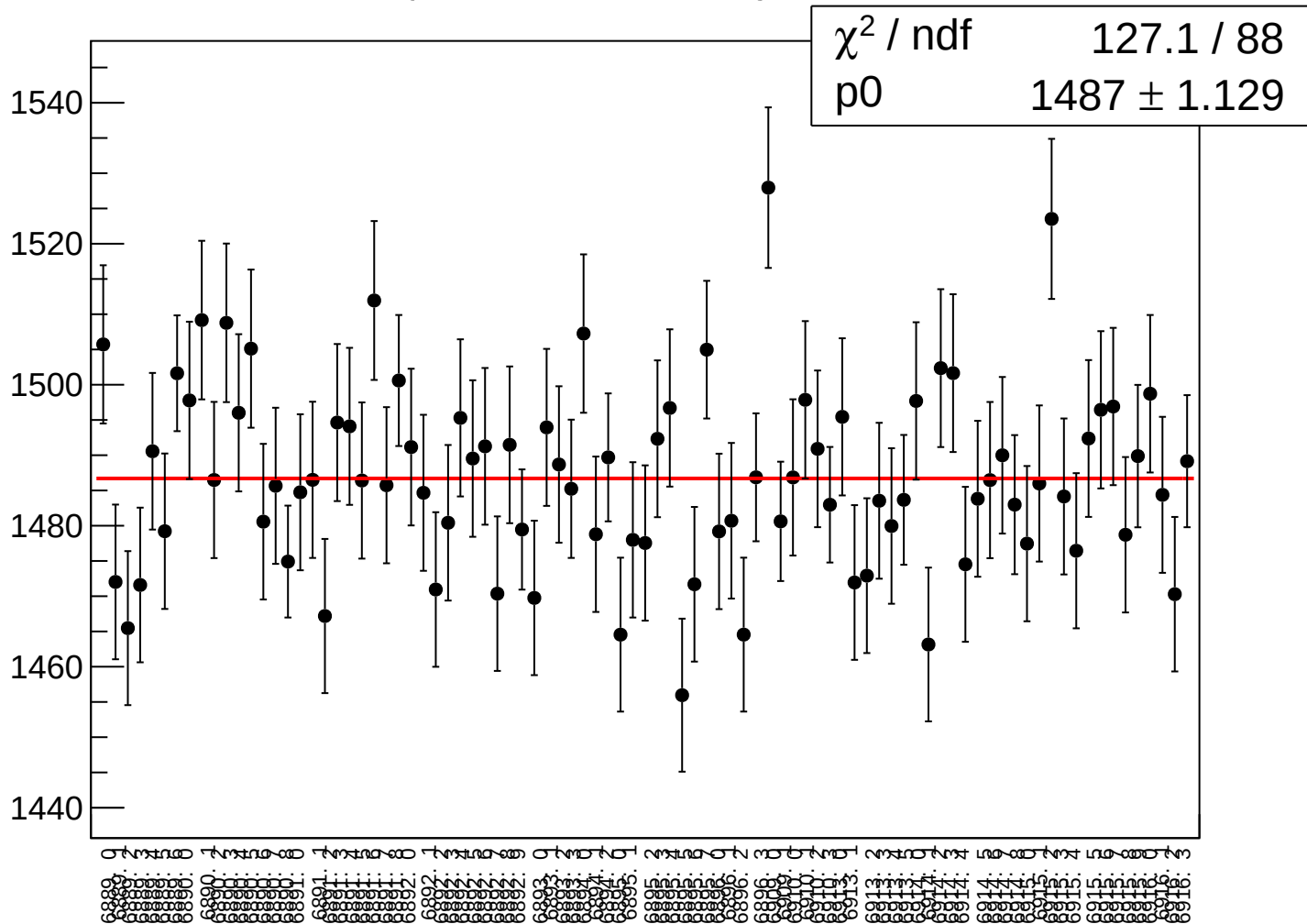
asym_usl_atl1_avg_reg_correction_rms vs run



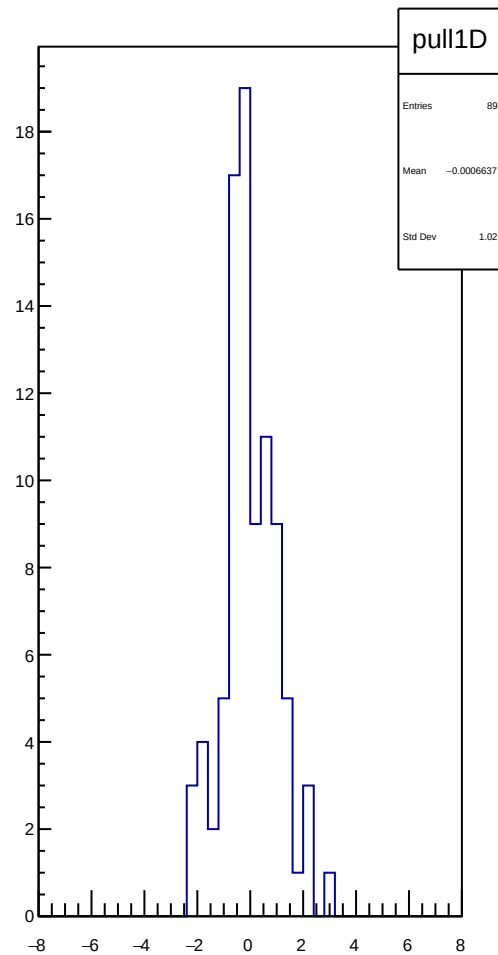
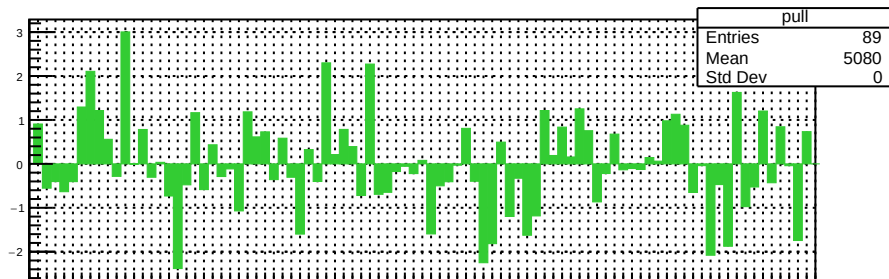
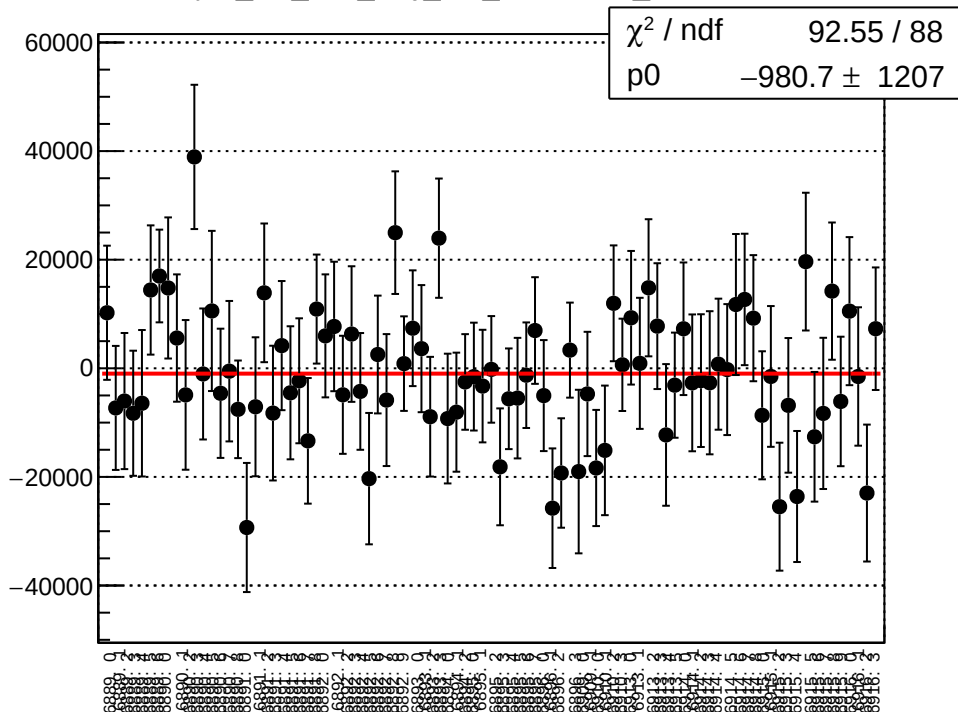
cor_asym_usl_atl1_avg_mean vs run



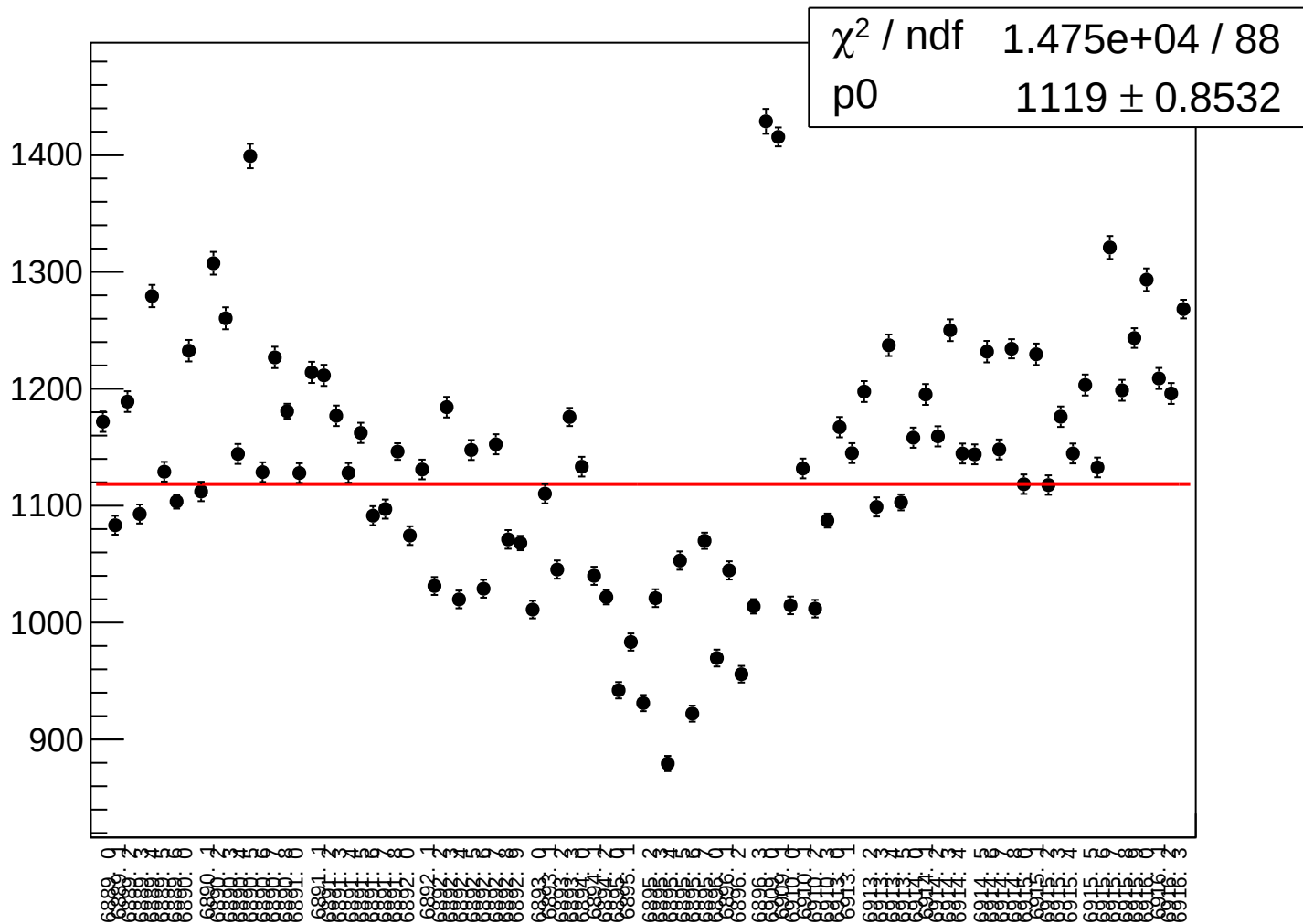
cor_asym_usl_atl1_avg_rms vs run



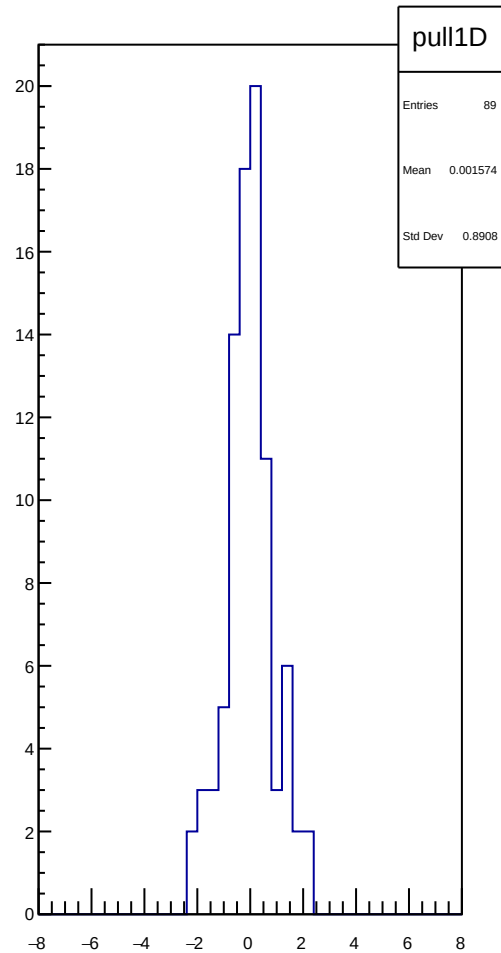
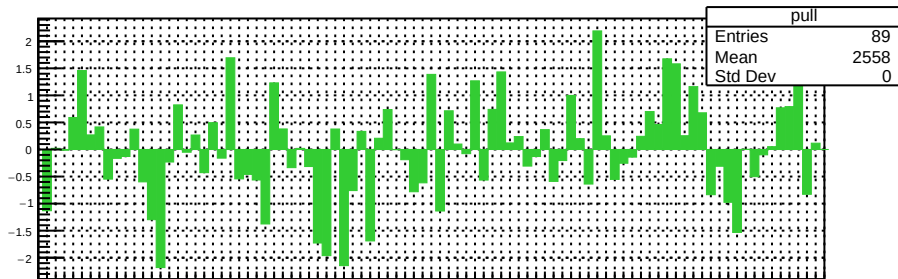
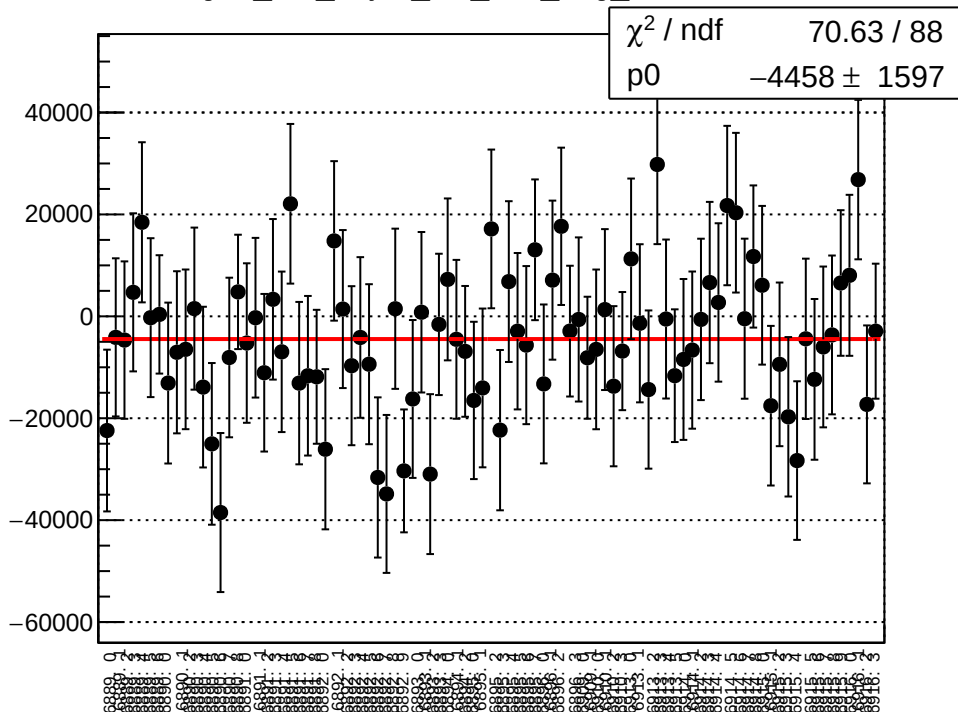
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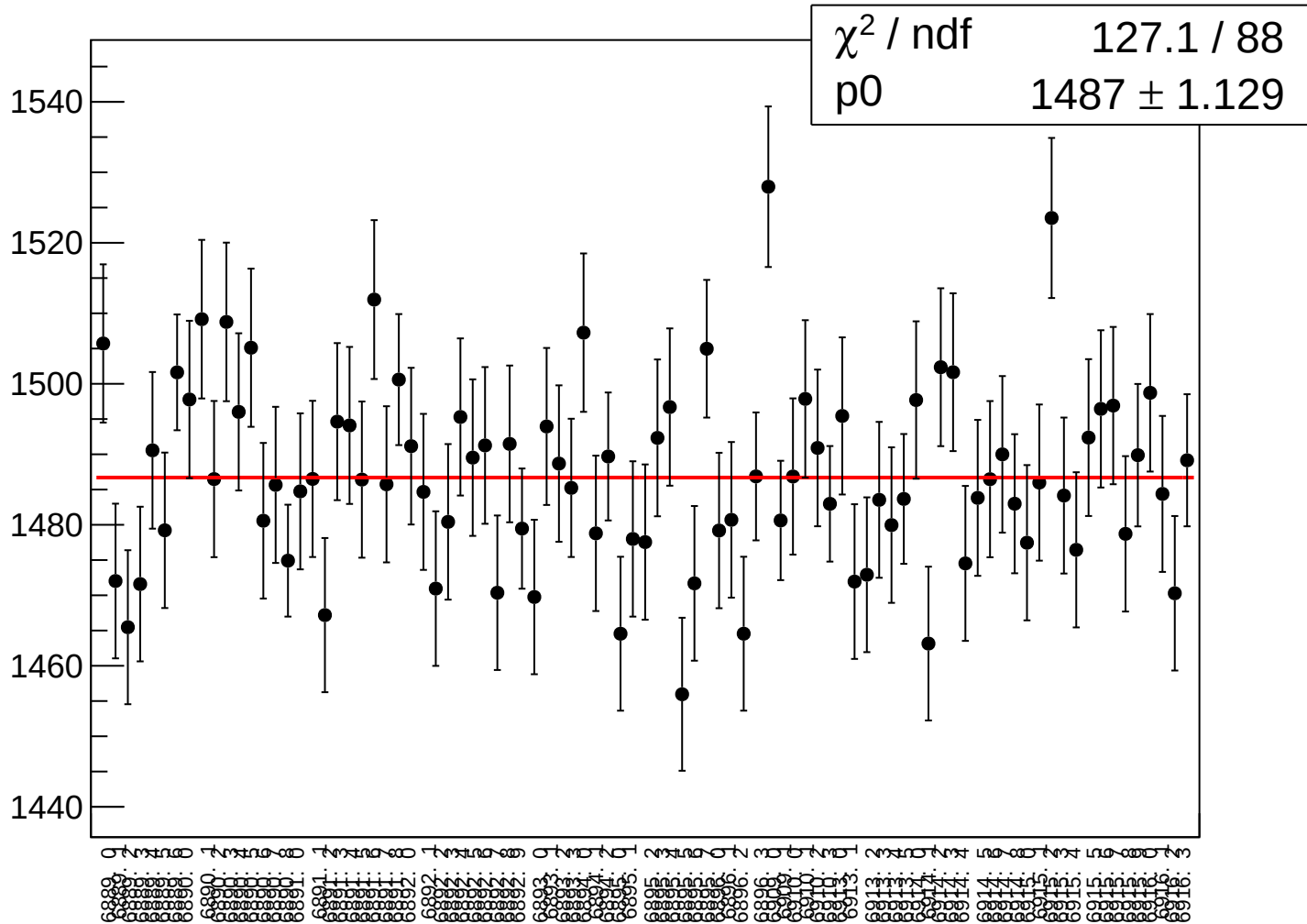
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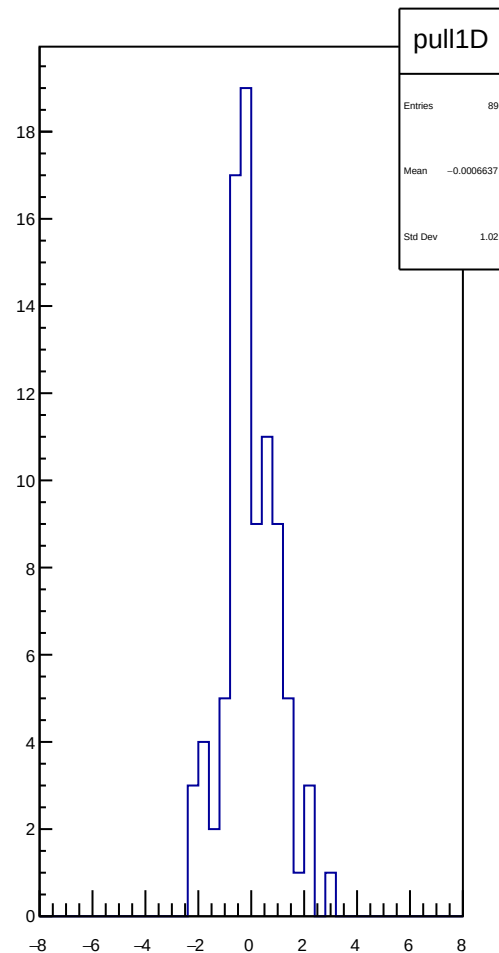
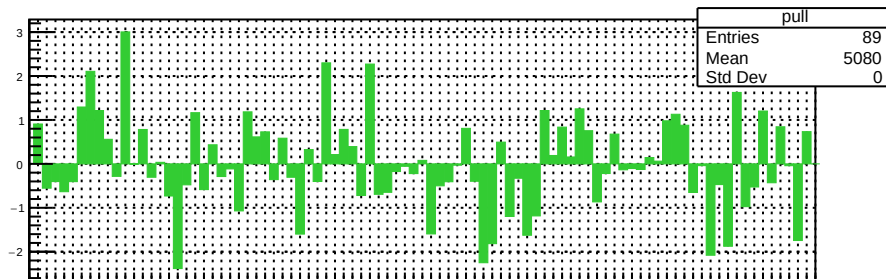
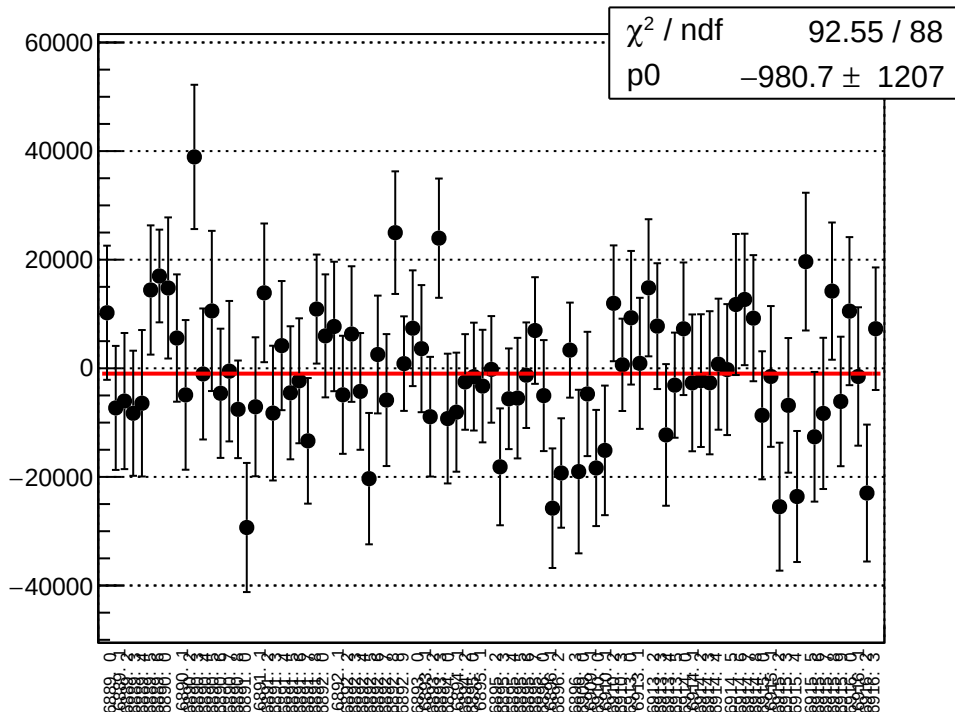
eigen_cor_asym_usl_atl1_avg_mean vs run



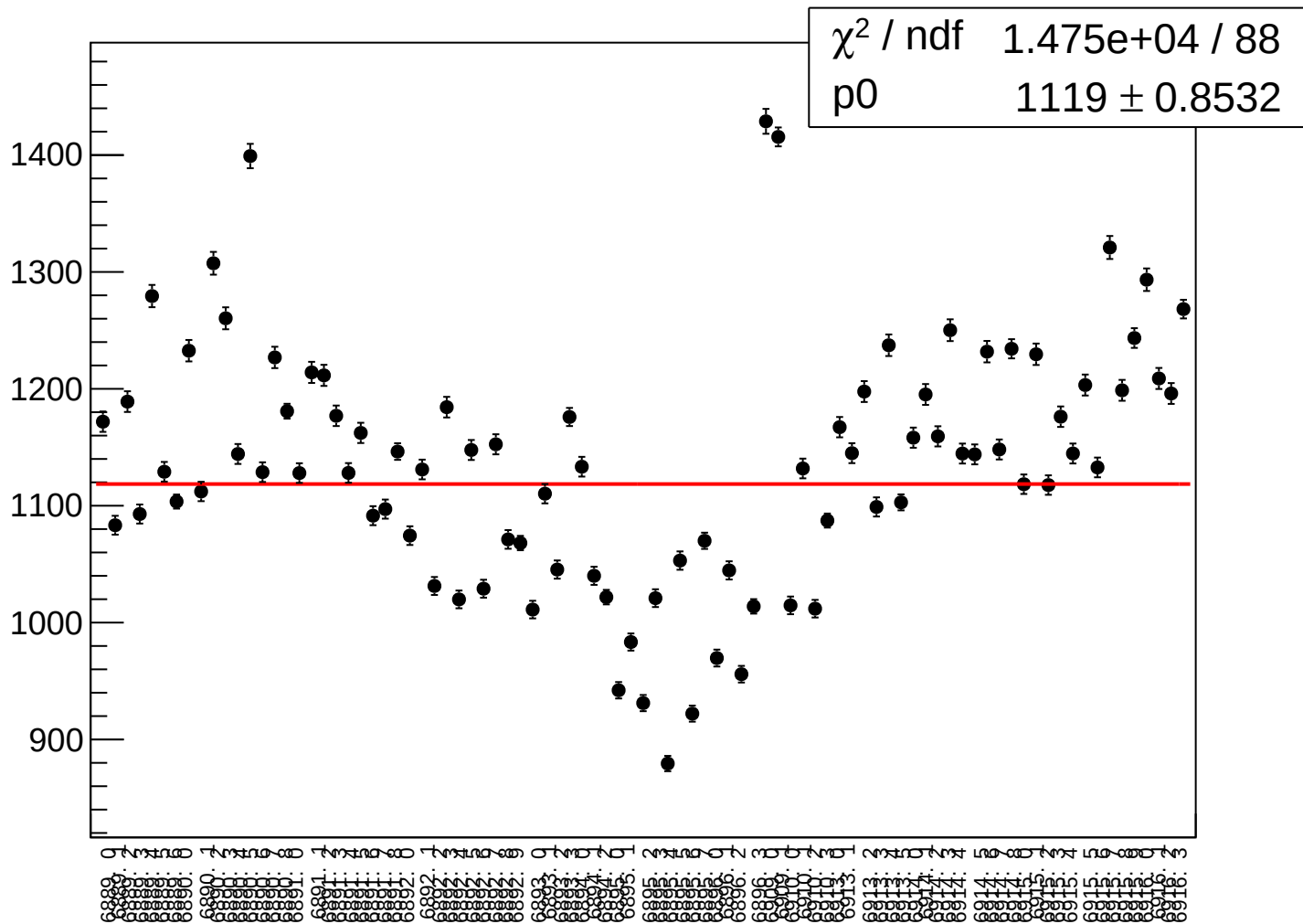
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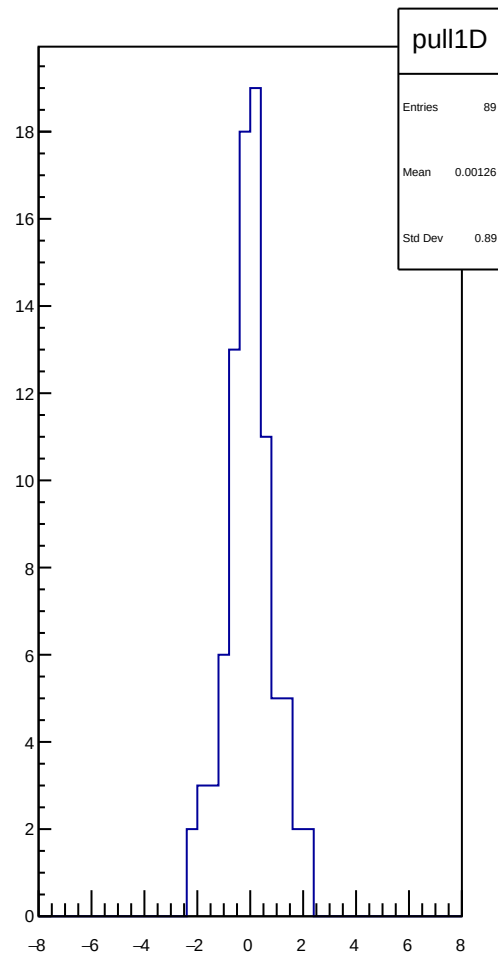
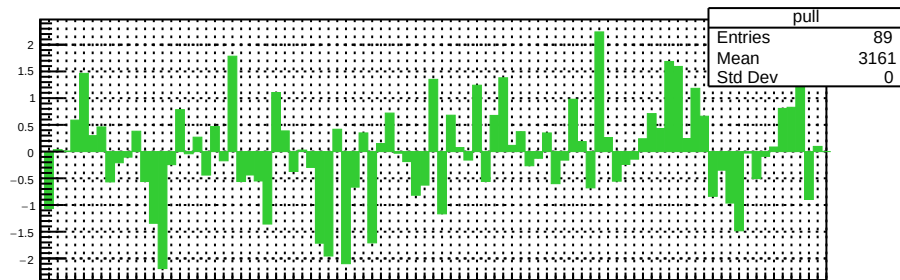
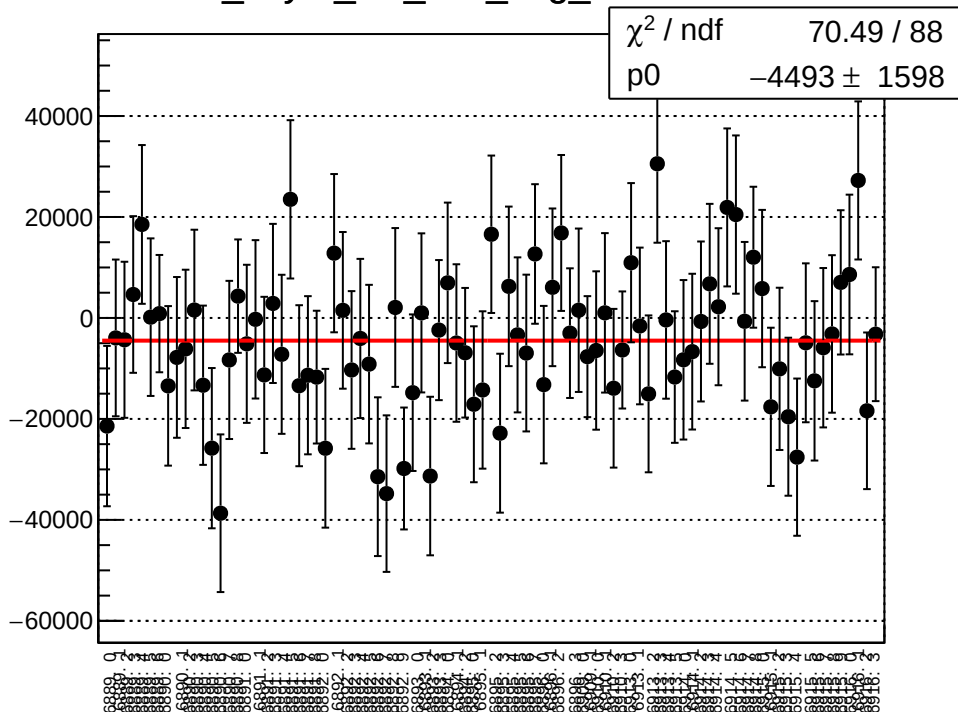
asym_usl_atl1_avg_eigen_cor_correction_mean vs run



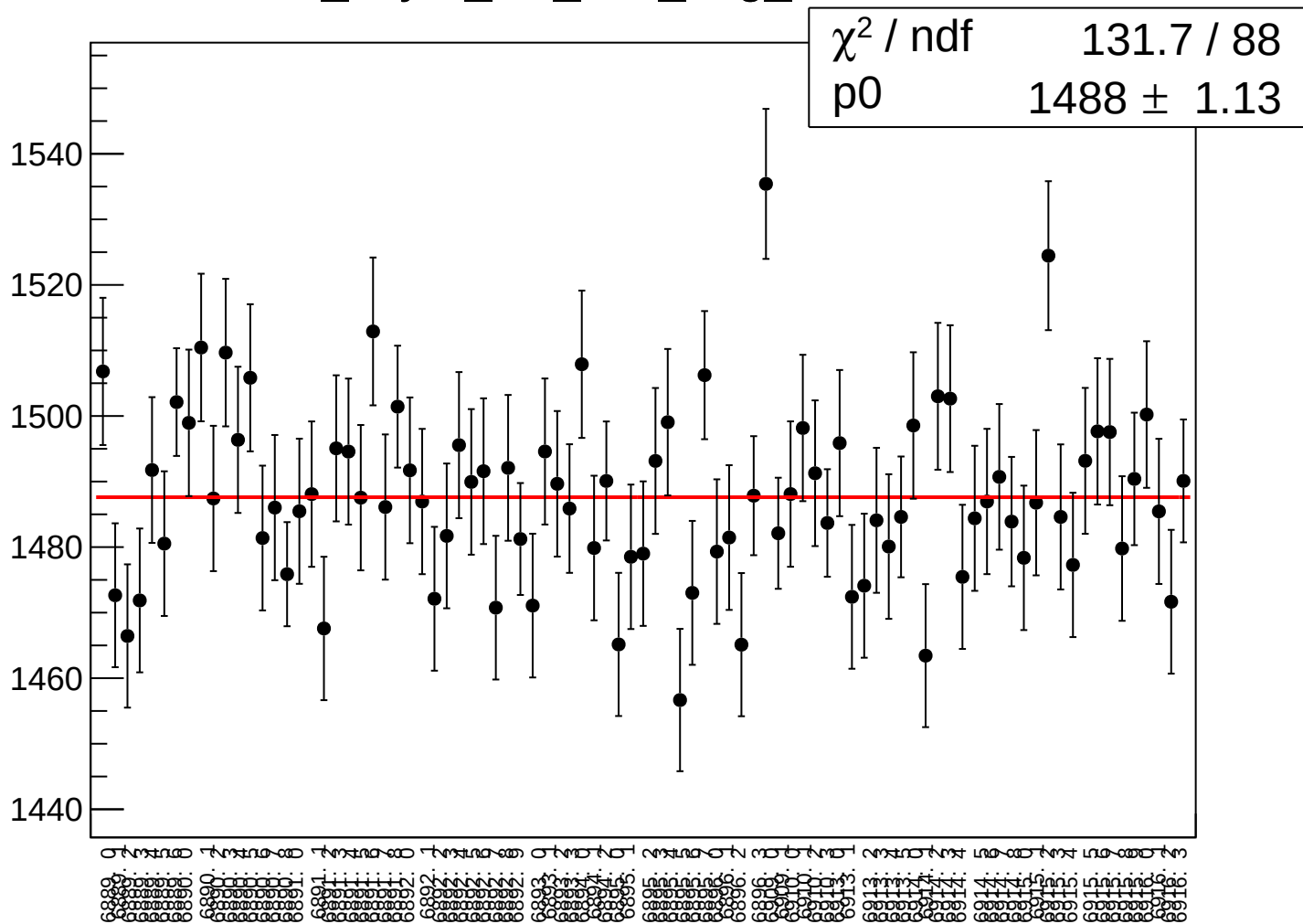
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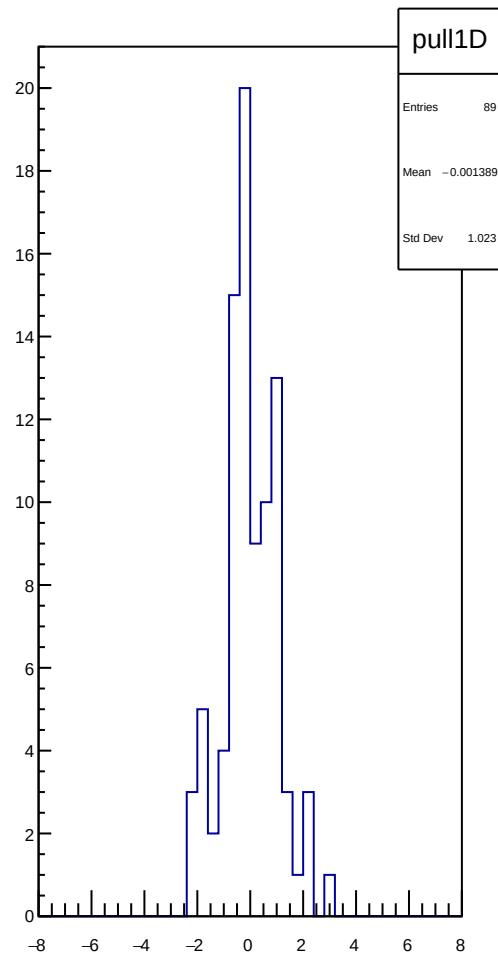
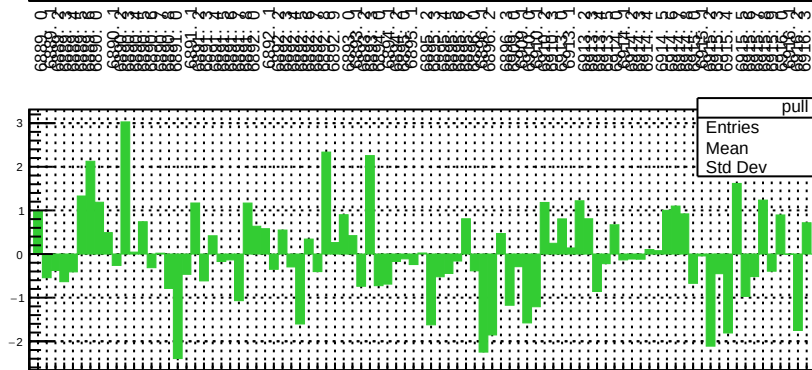
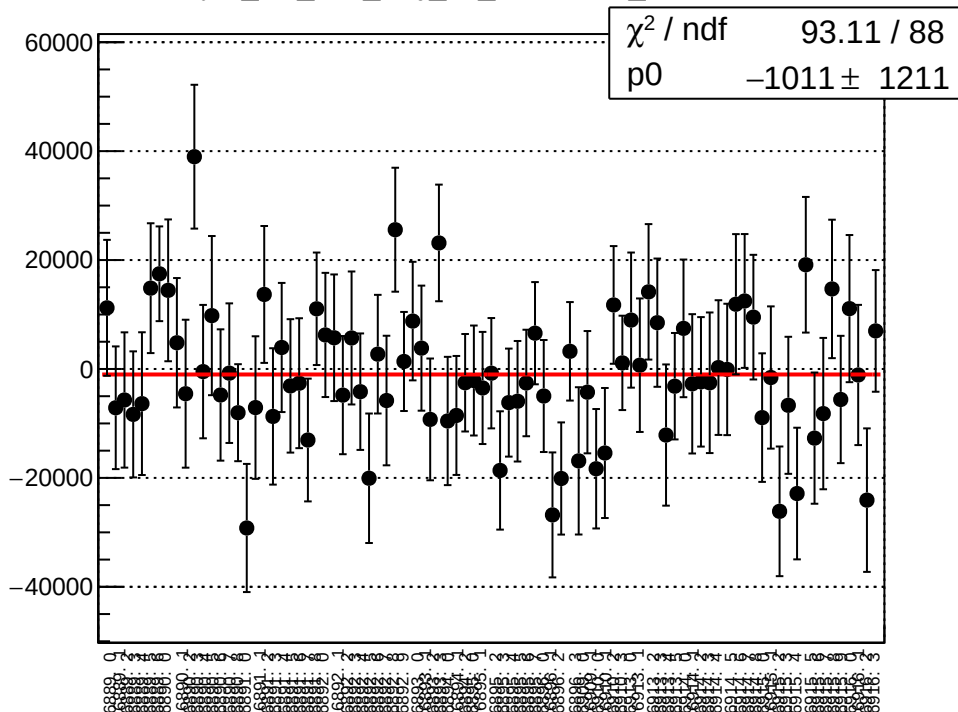
dit_asym_usl_atl1_avg_mean vs run



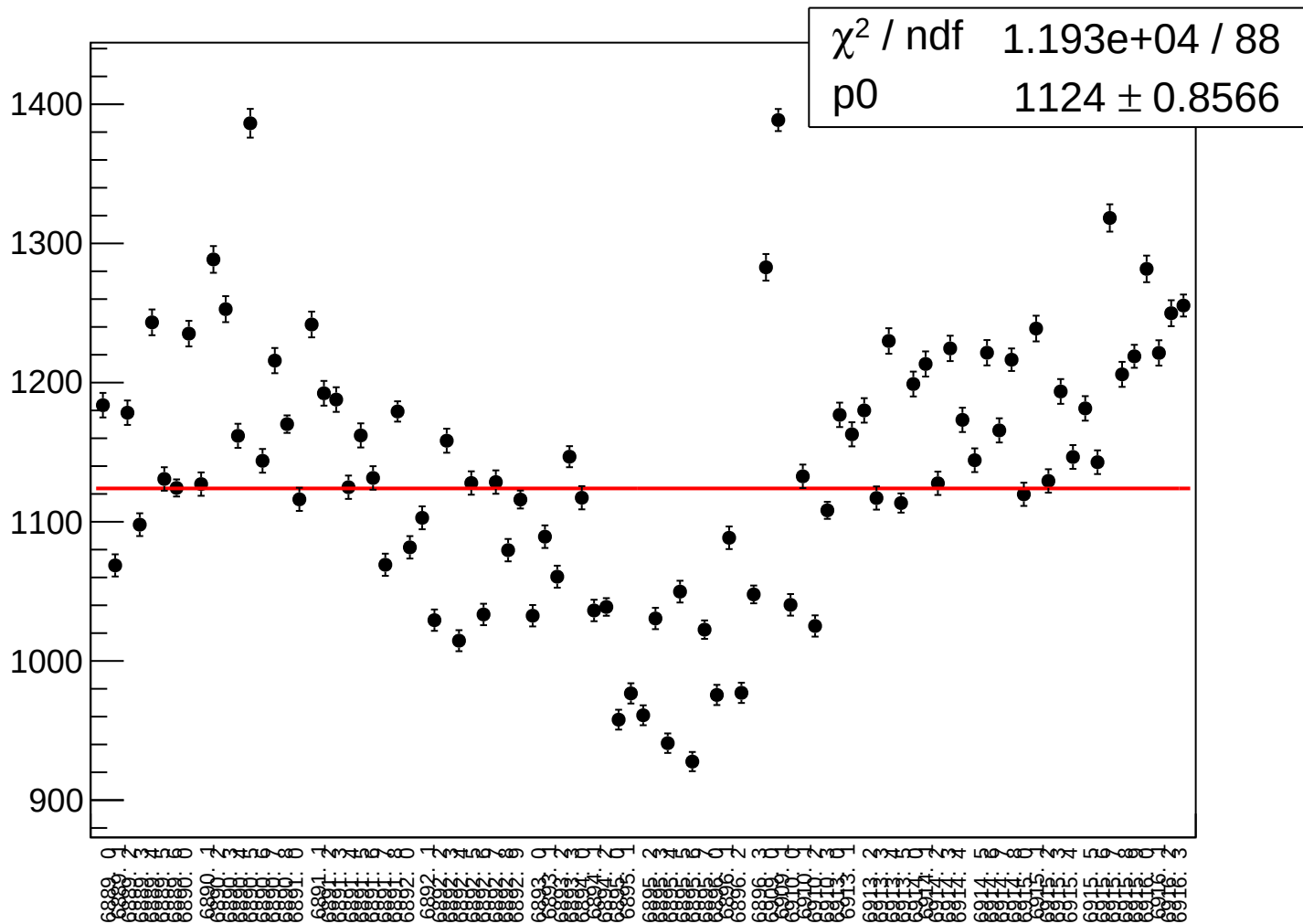
dit_asym_usl_atl1_avg_rms vs run



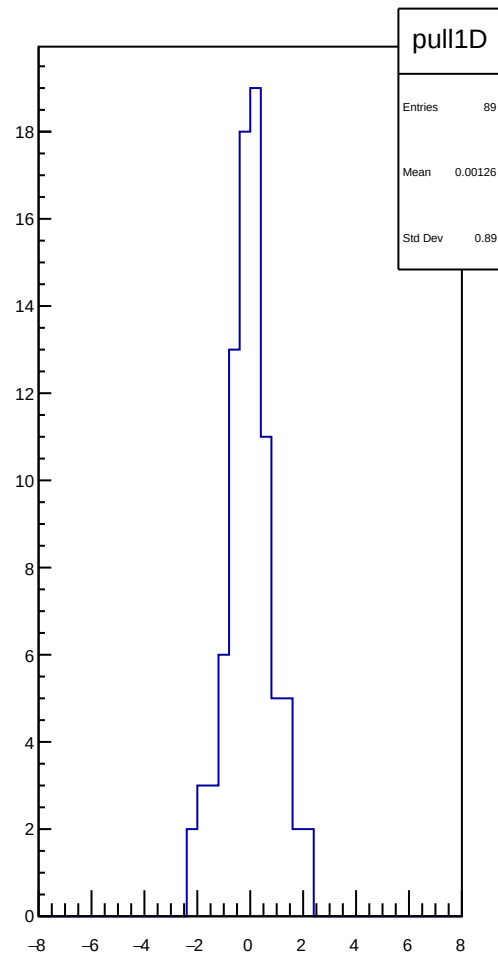
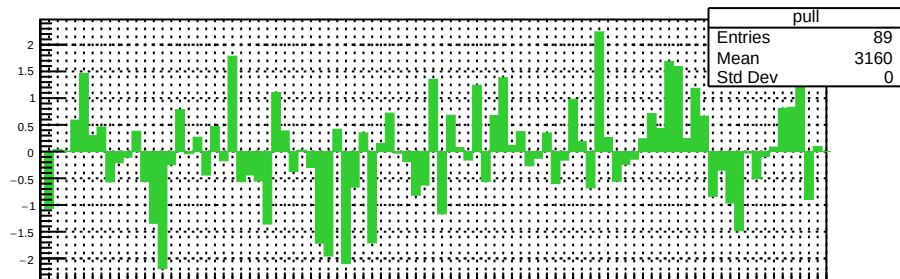
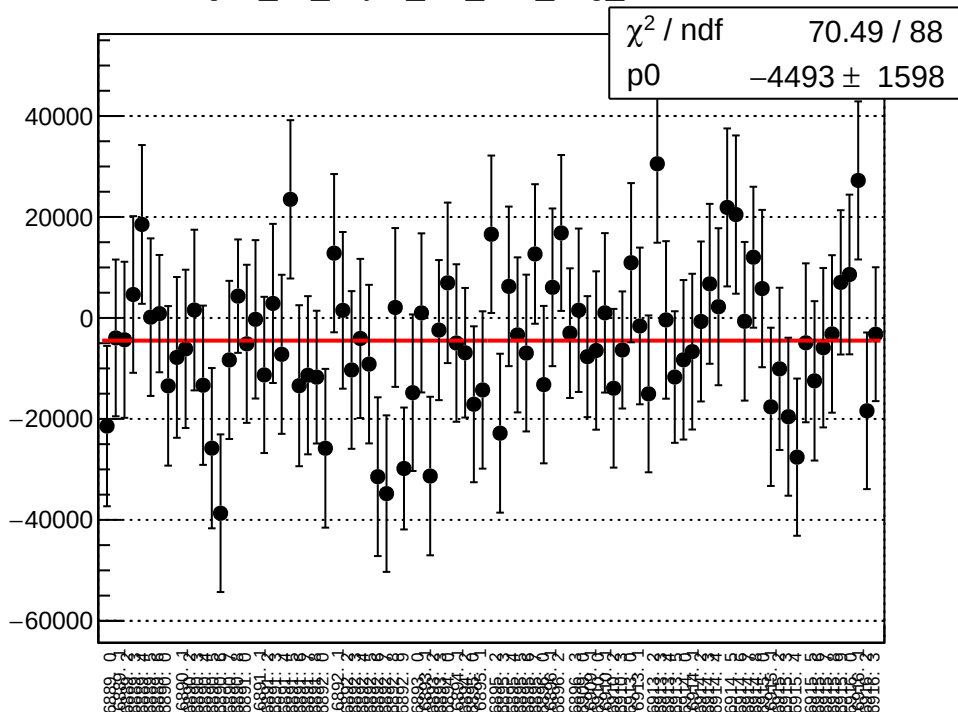
asym_usl_atl1_avg_dit_correction_mean vs run



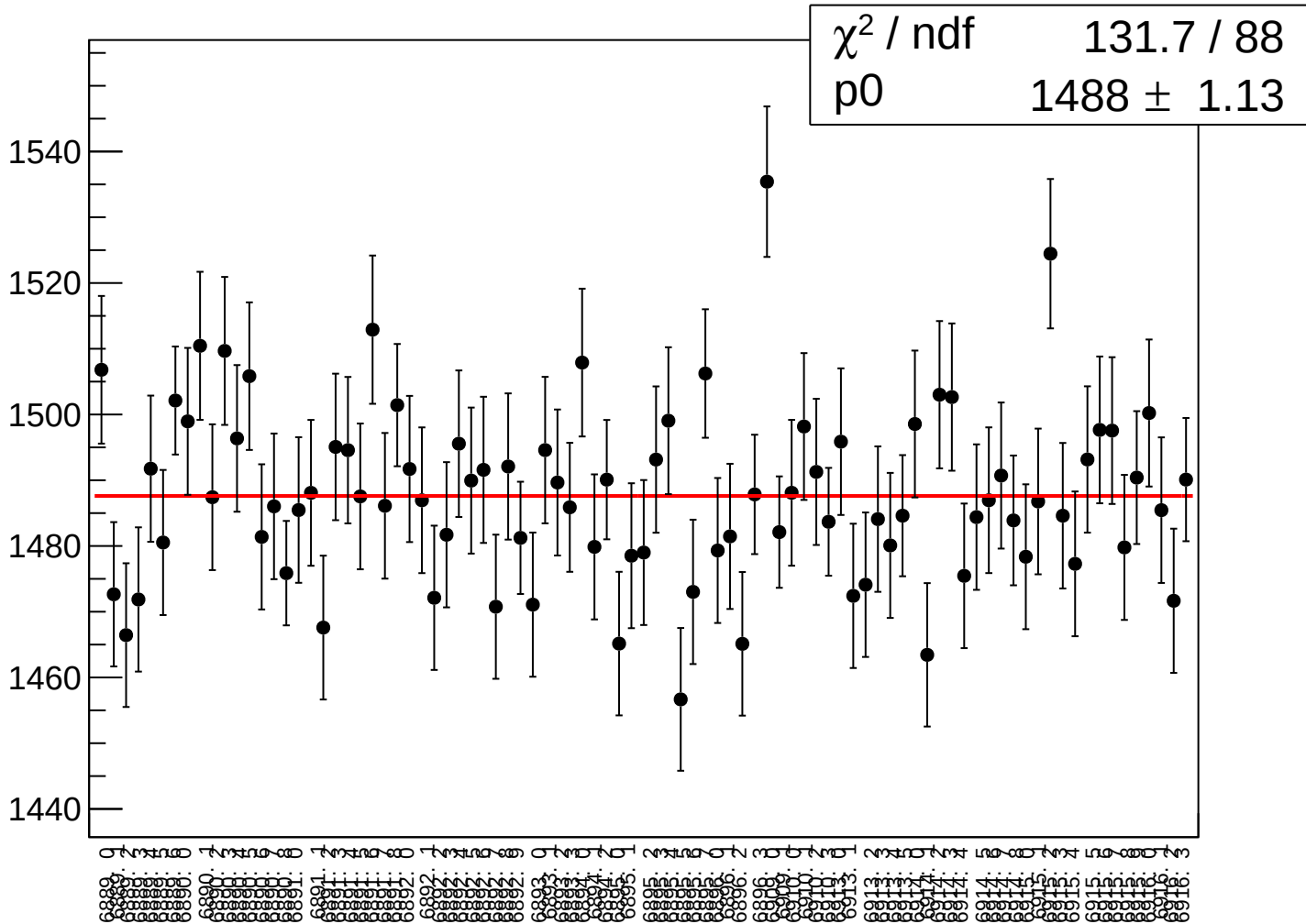
asym_usl_atl1_avg_dit_correction_rms vs run



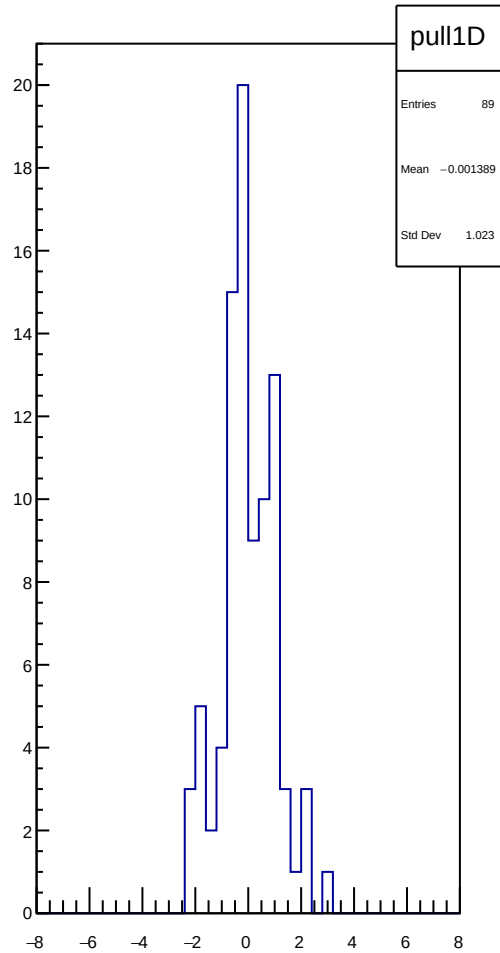
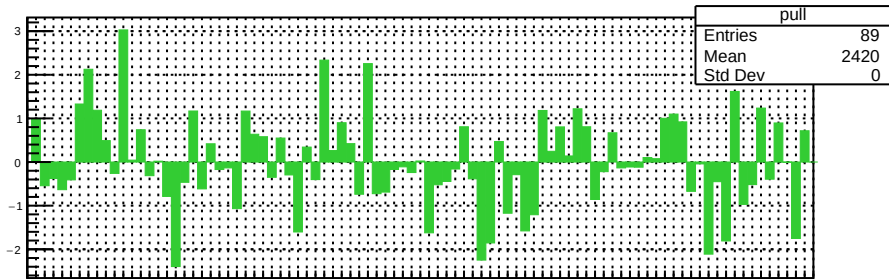
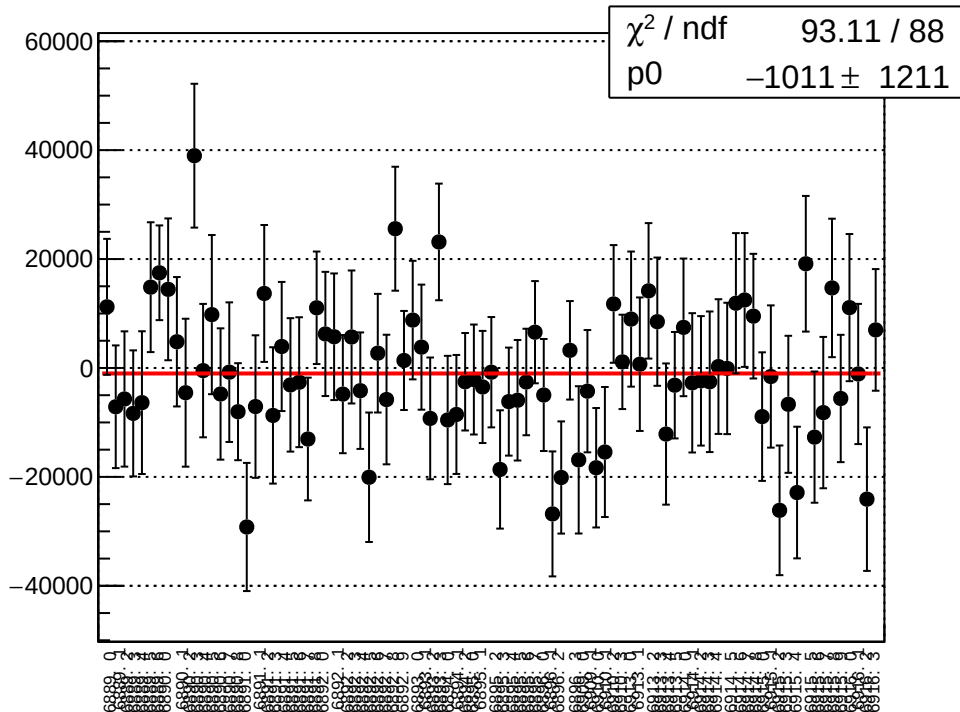
eigen_dit_asym_usl_atl1_avg_mean vs run



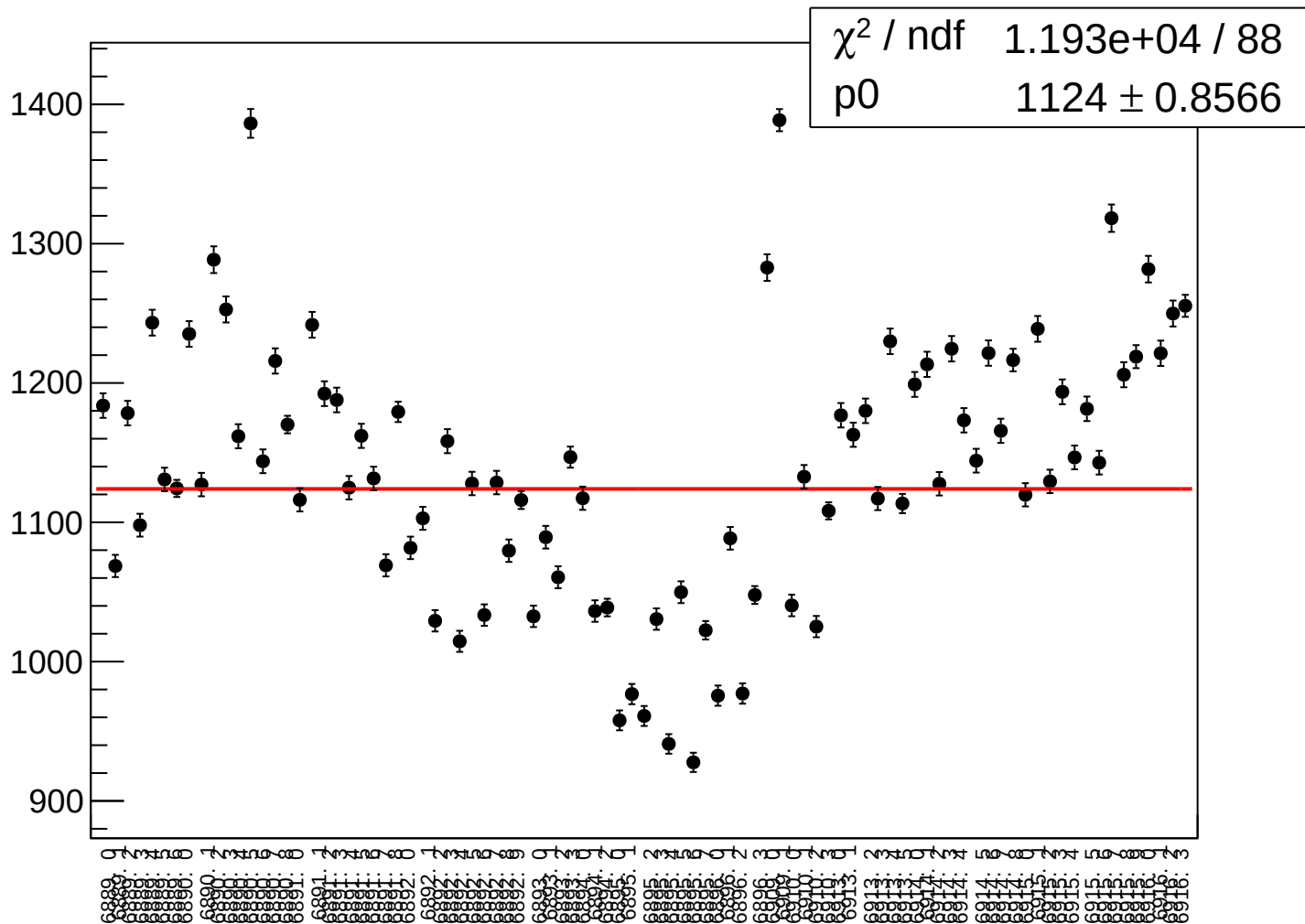
eigen_dit_asym_usl_atl1_avg_rms vs run



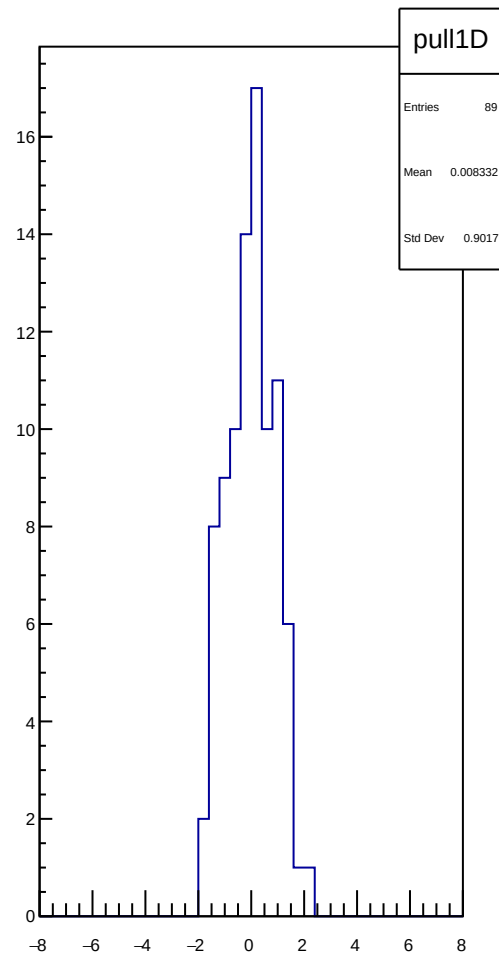
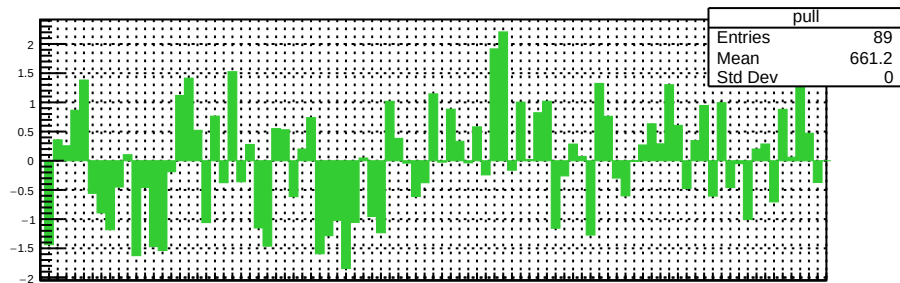
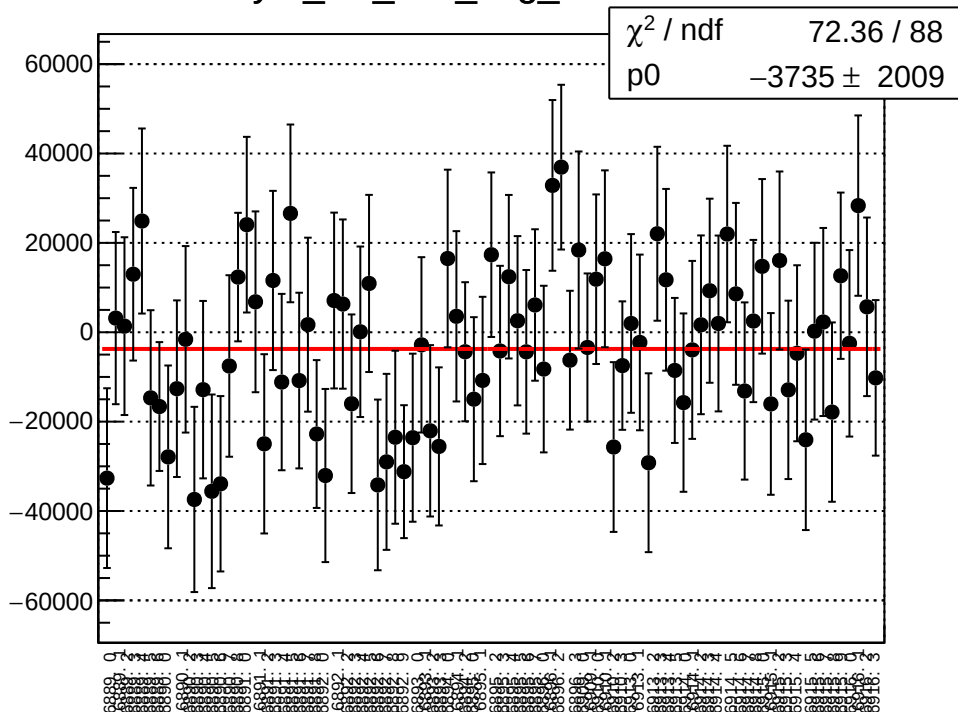
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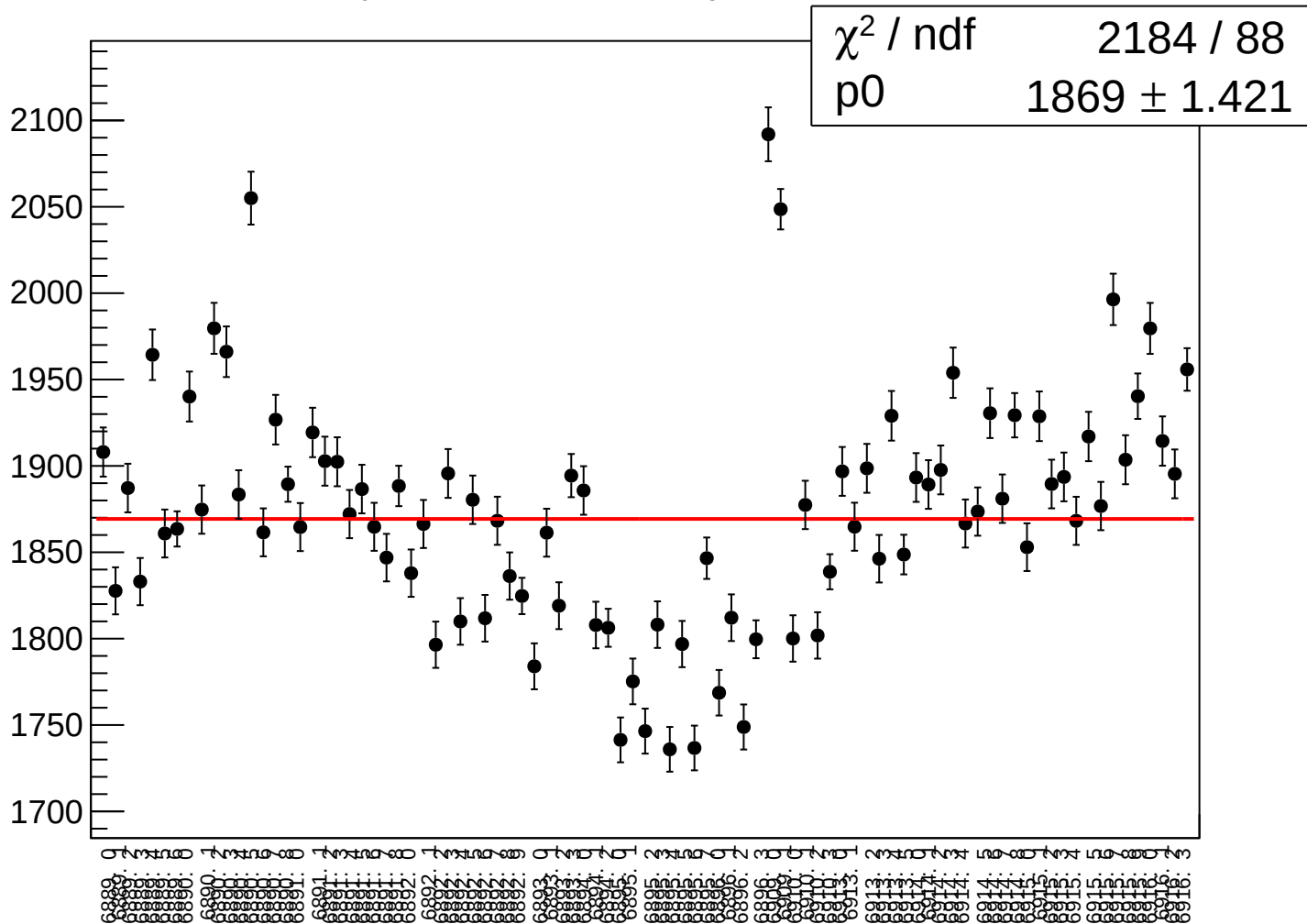
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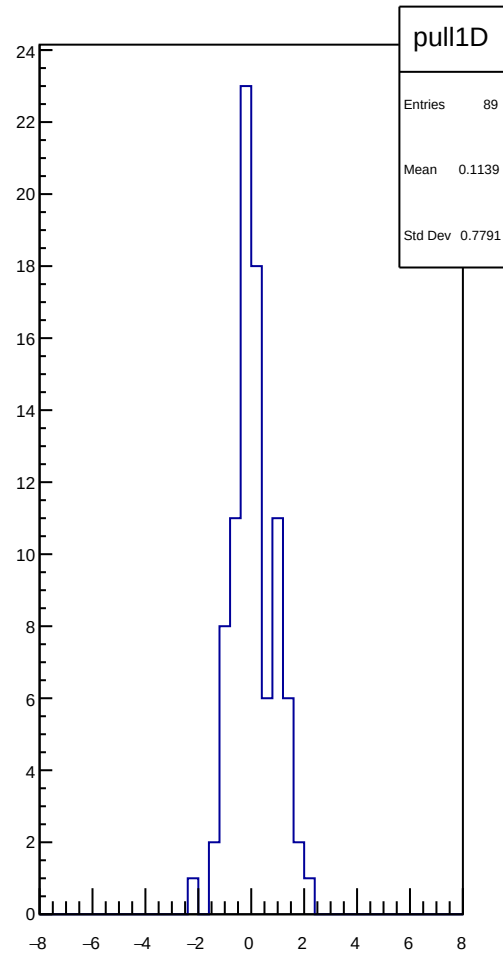
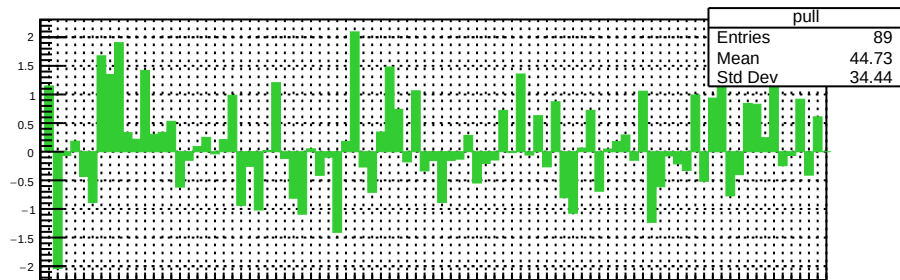
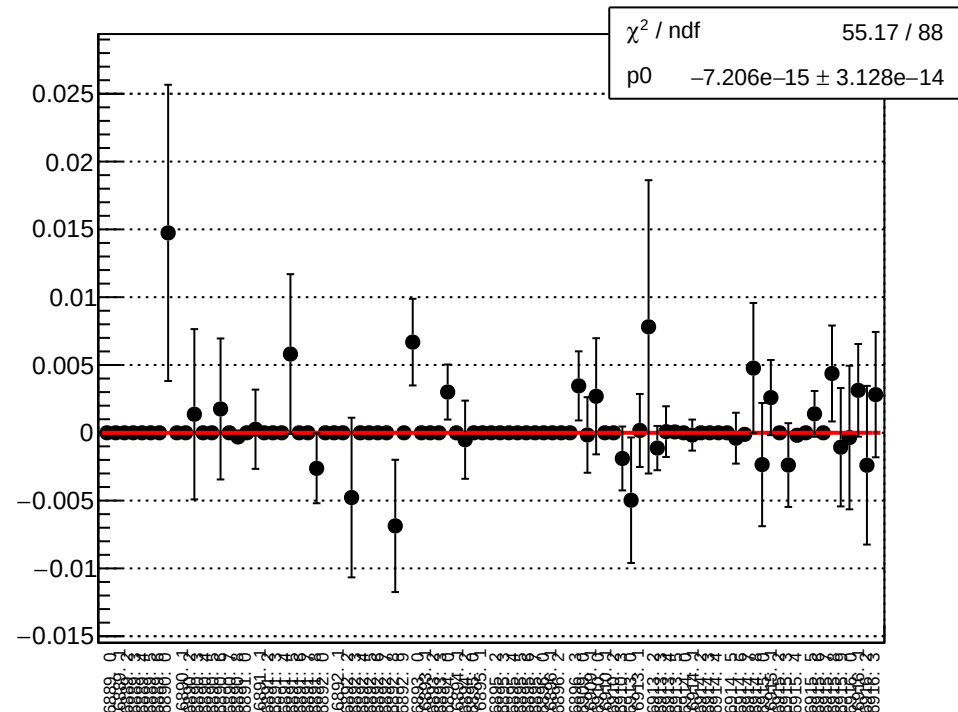
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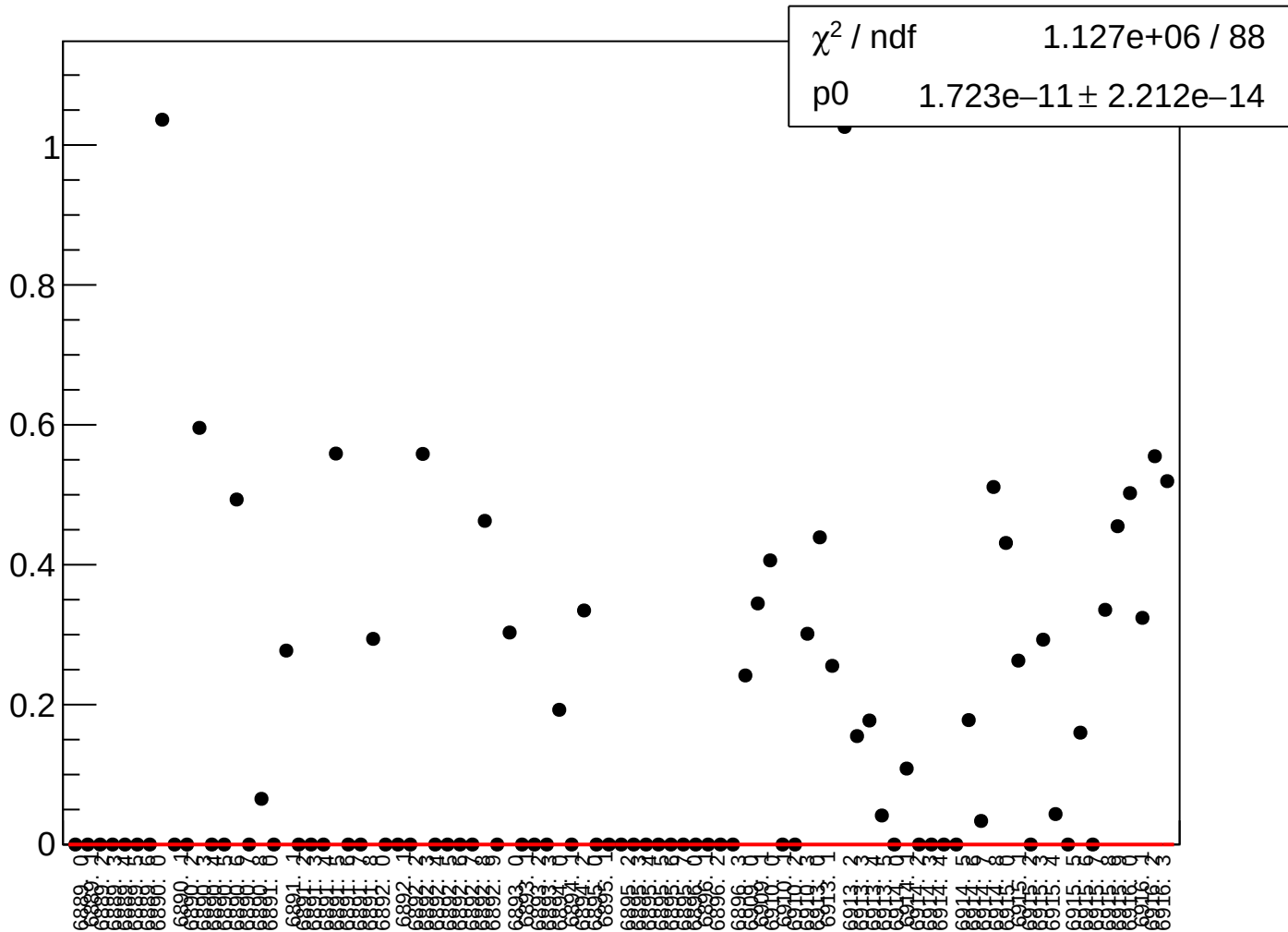
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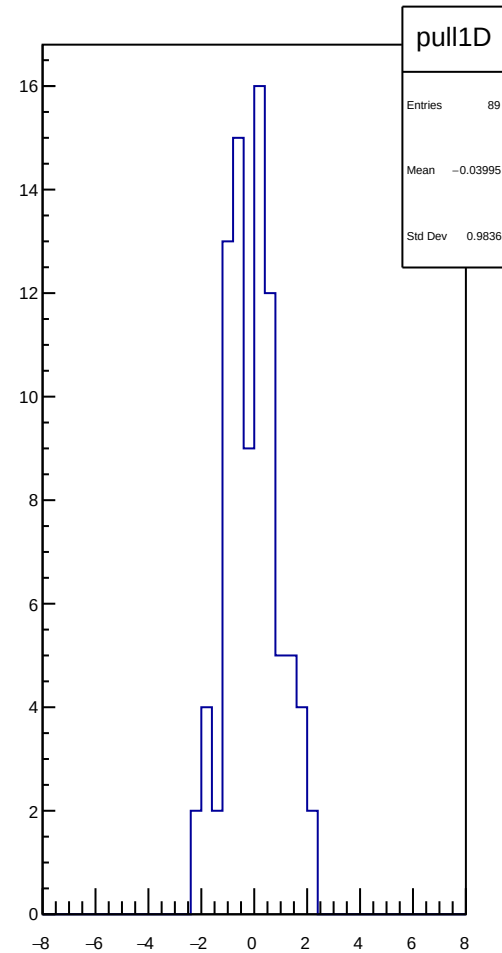
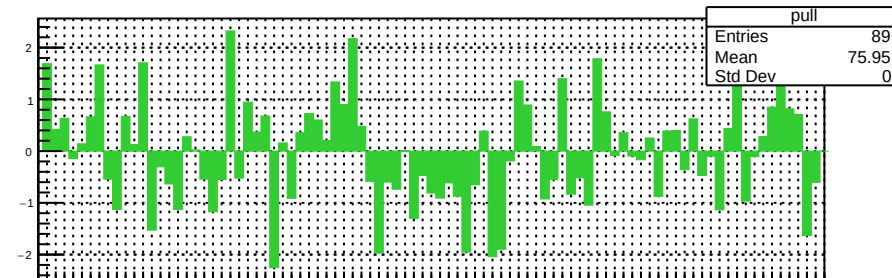
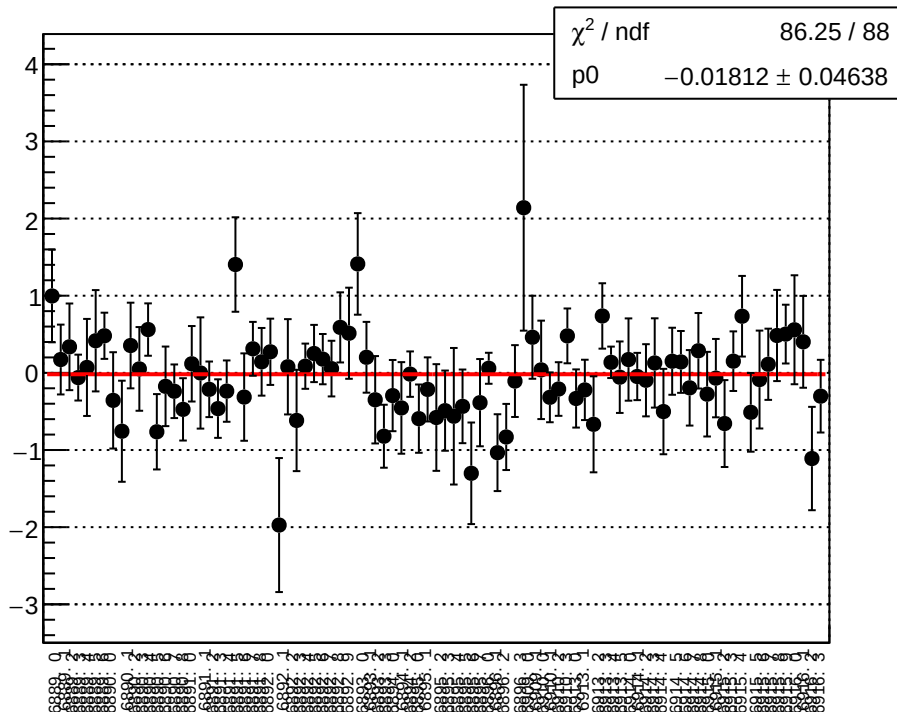
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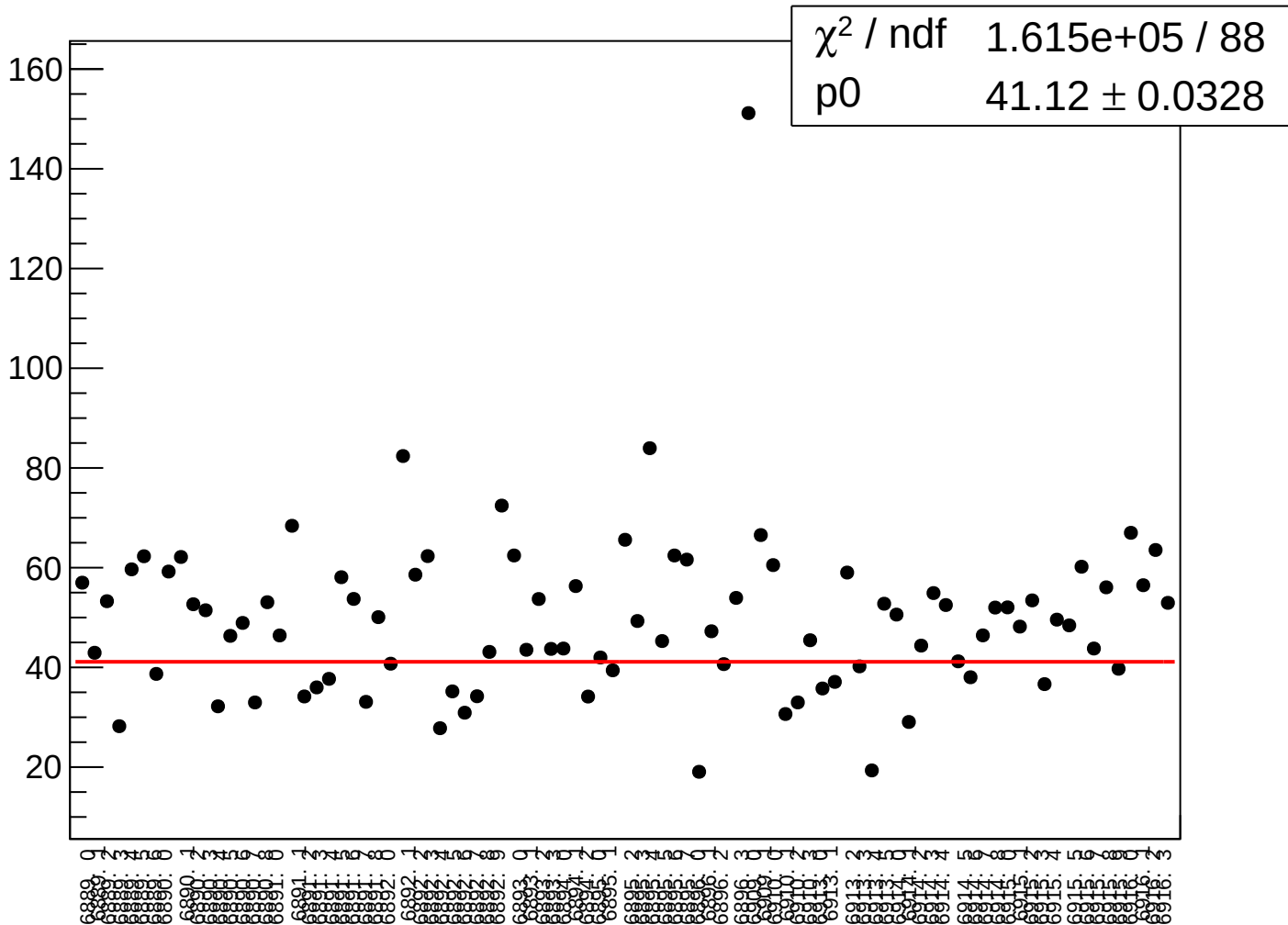
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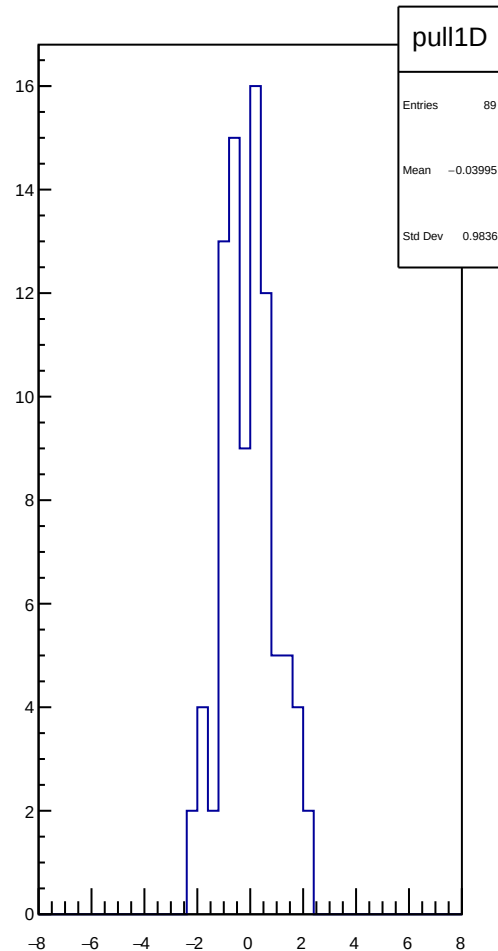
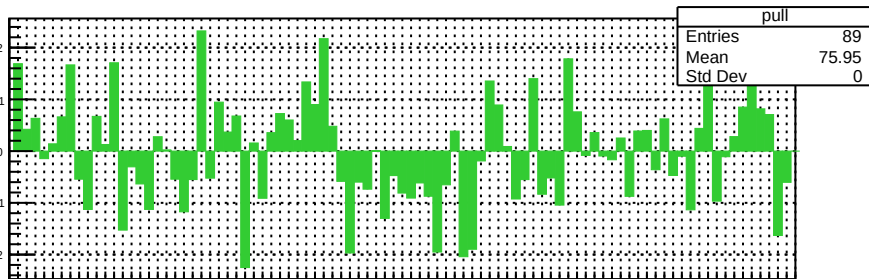
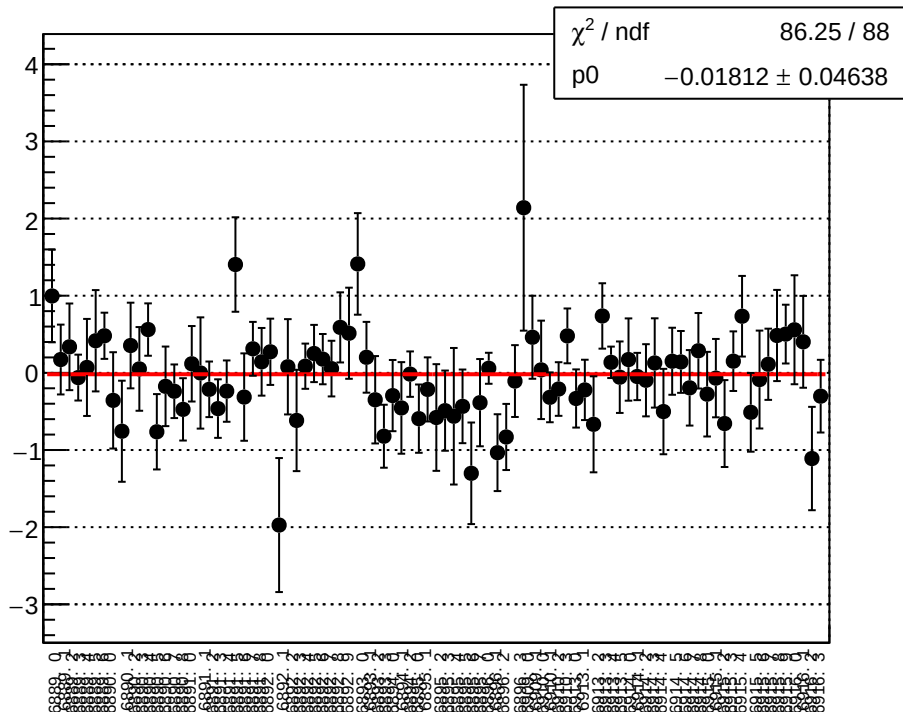
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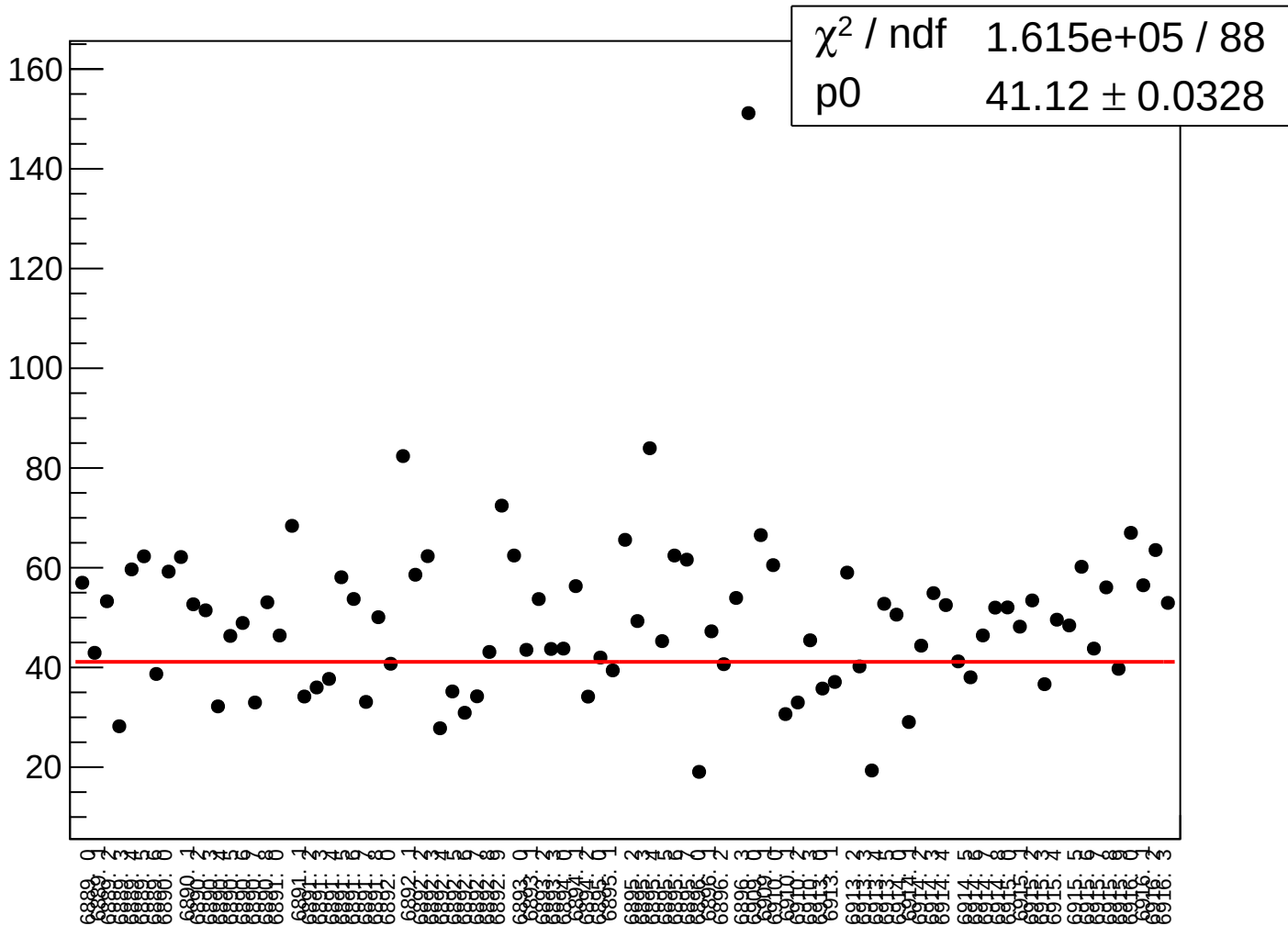
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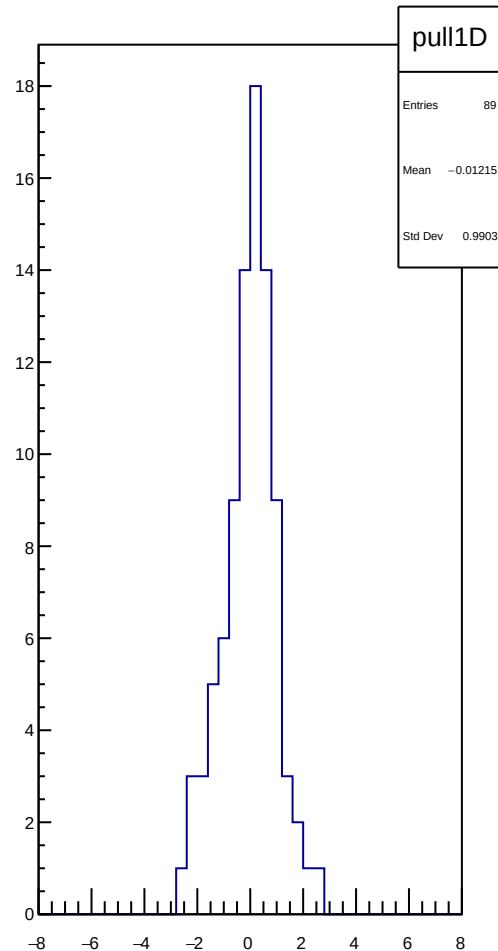
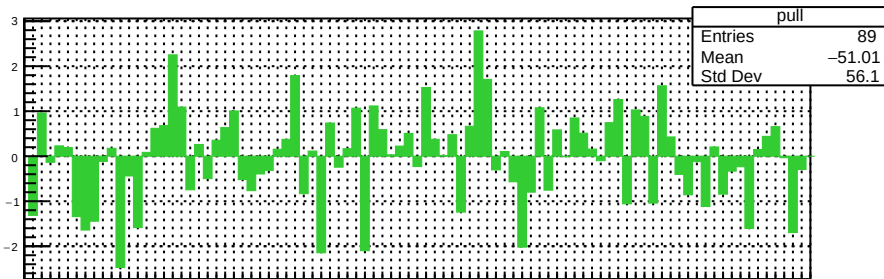
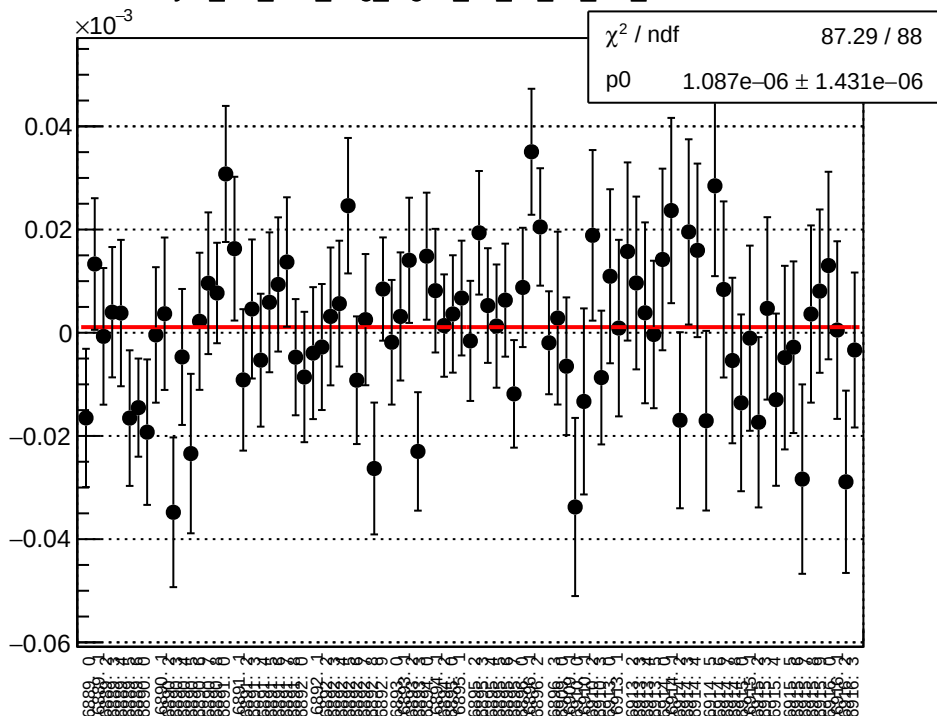
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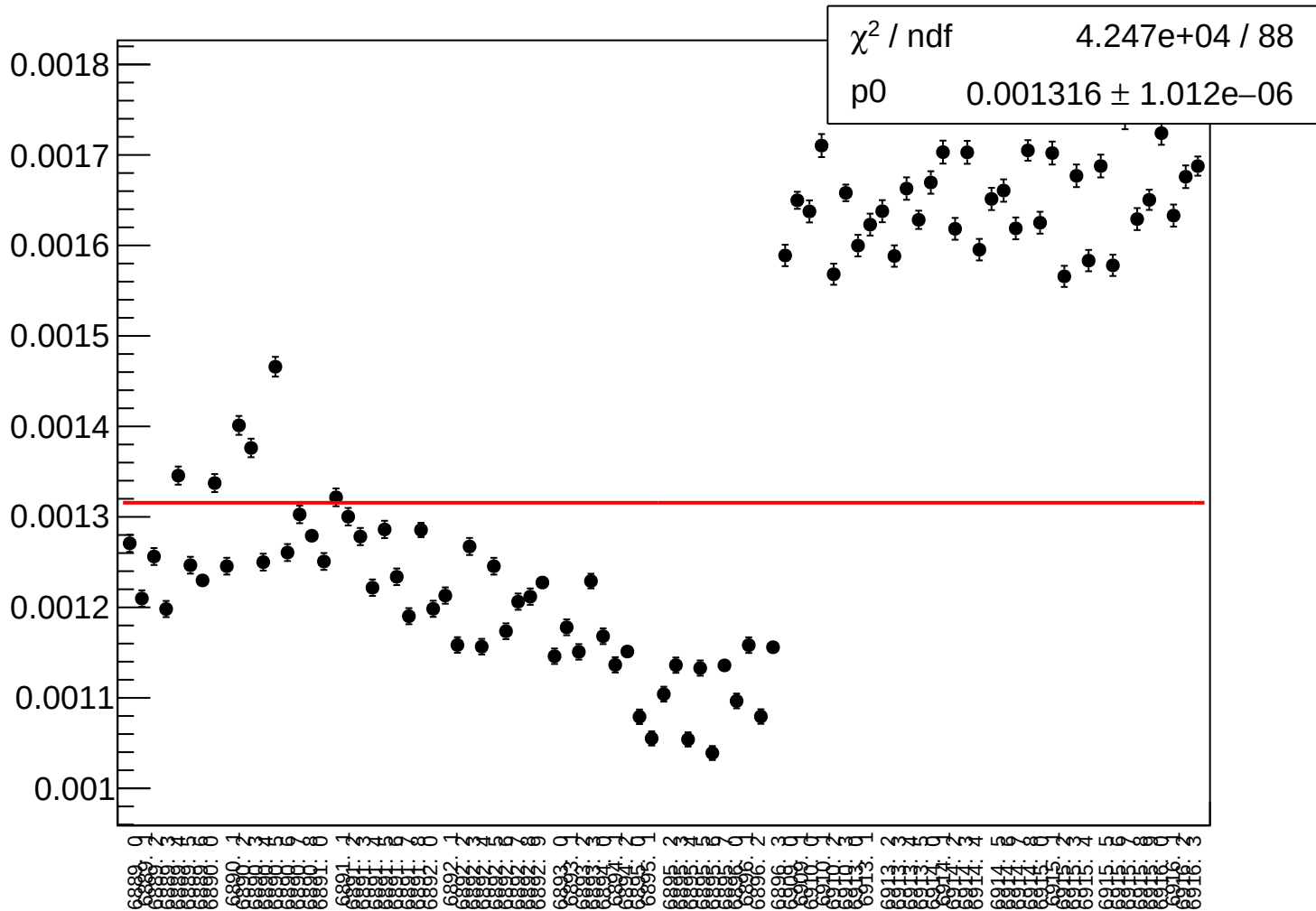
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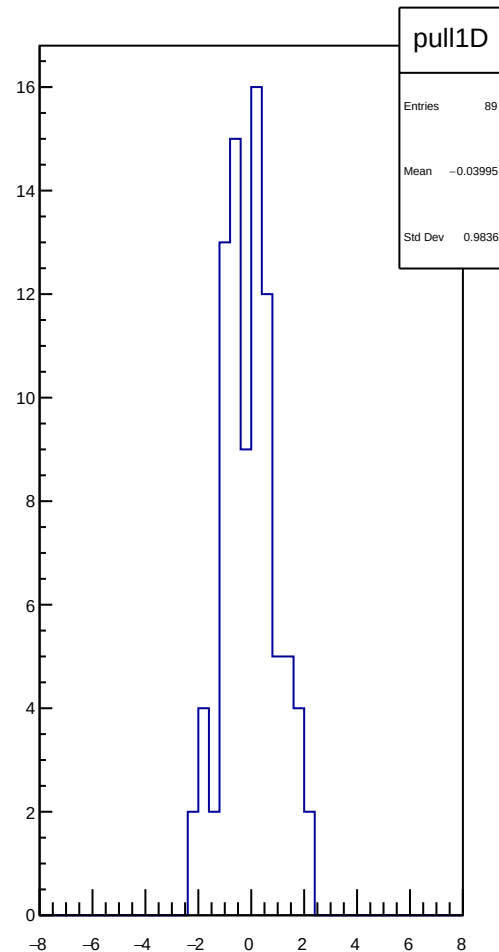
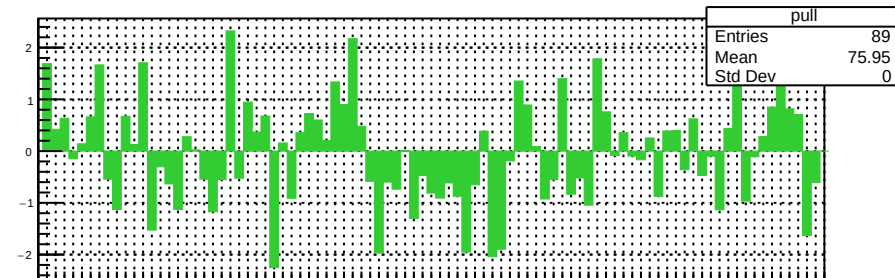
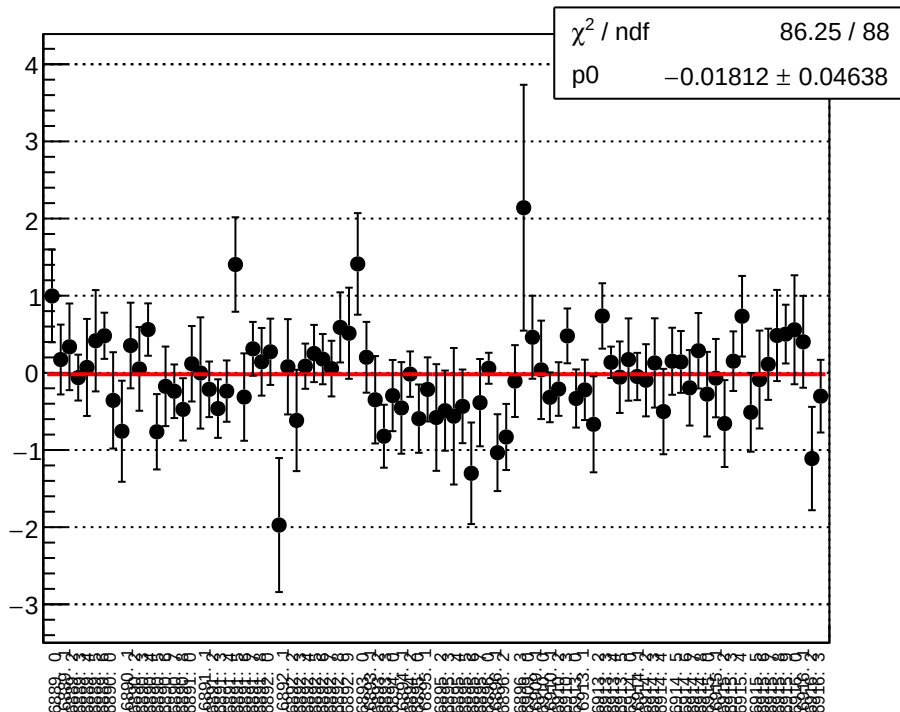
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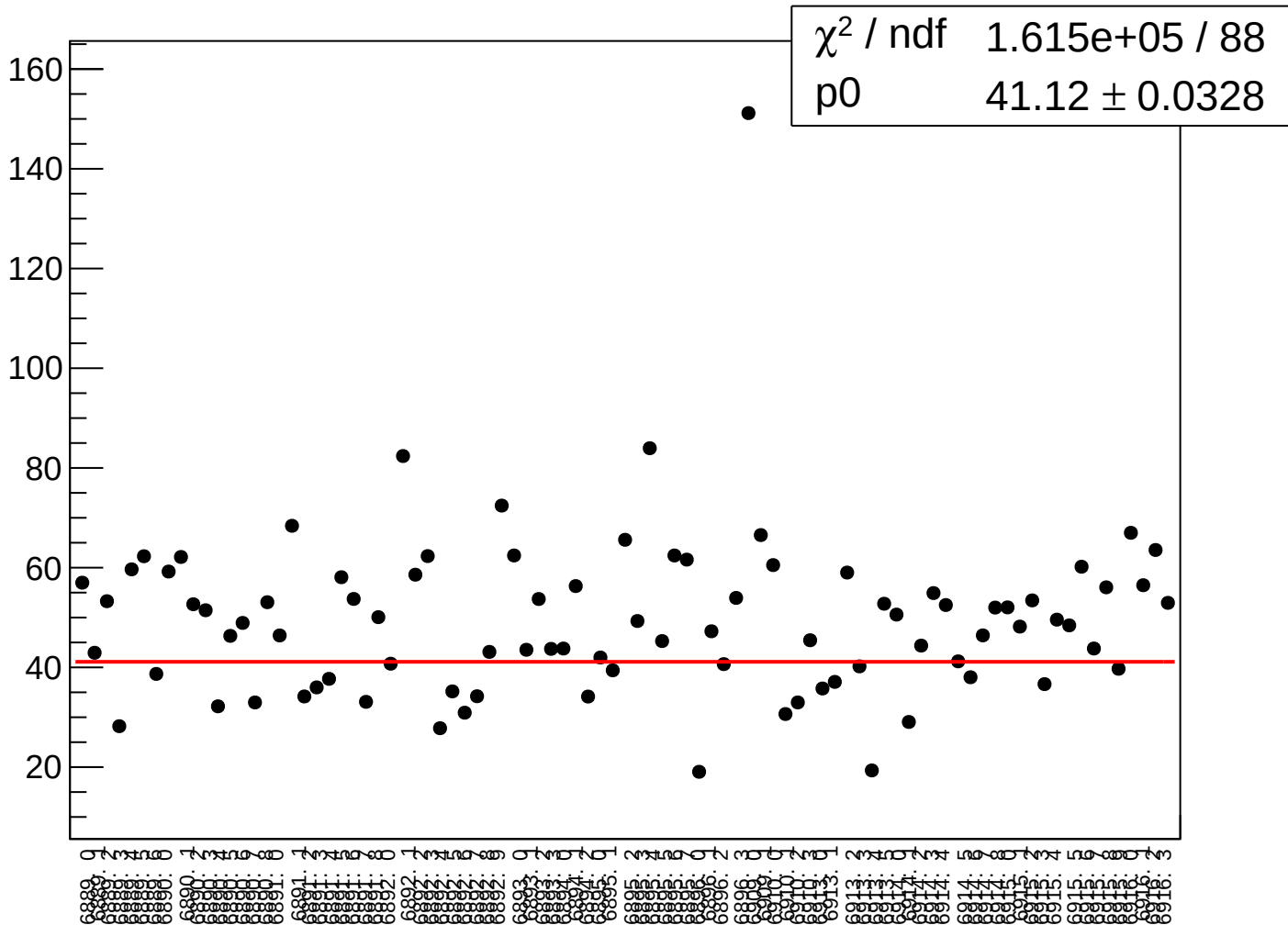
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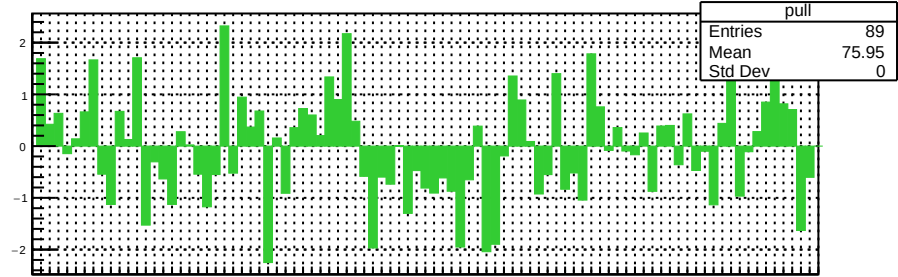
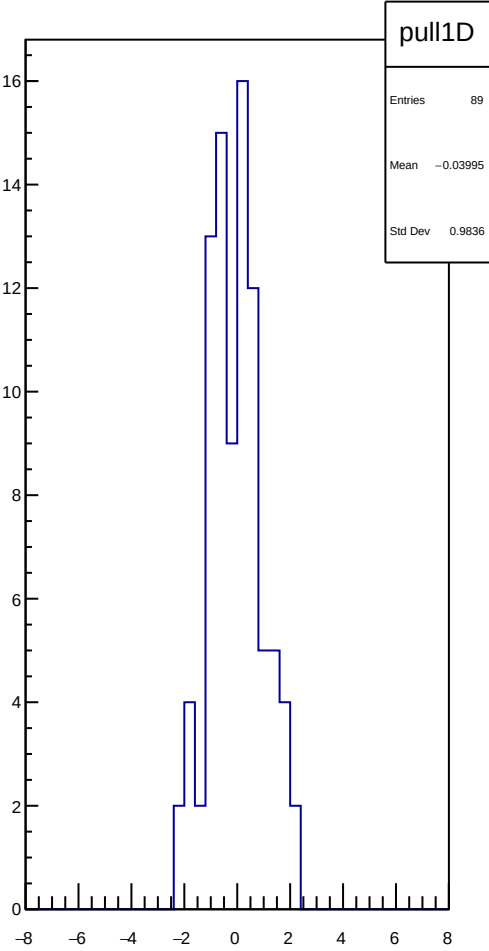
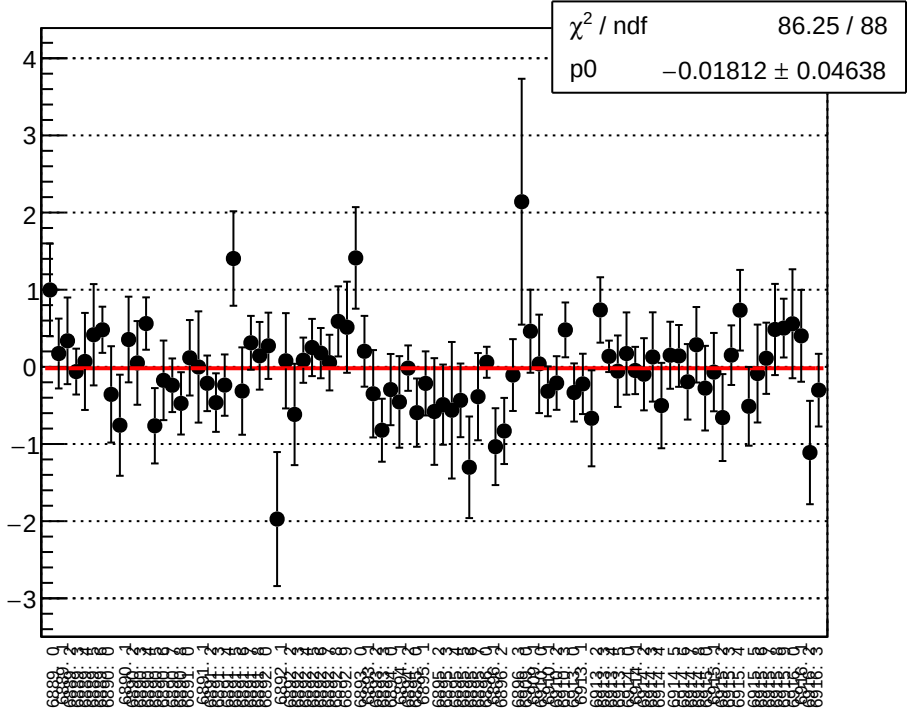
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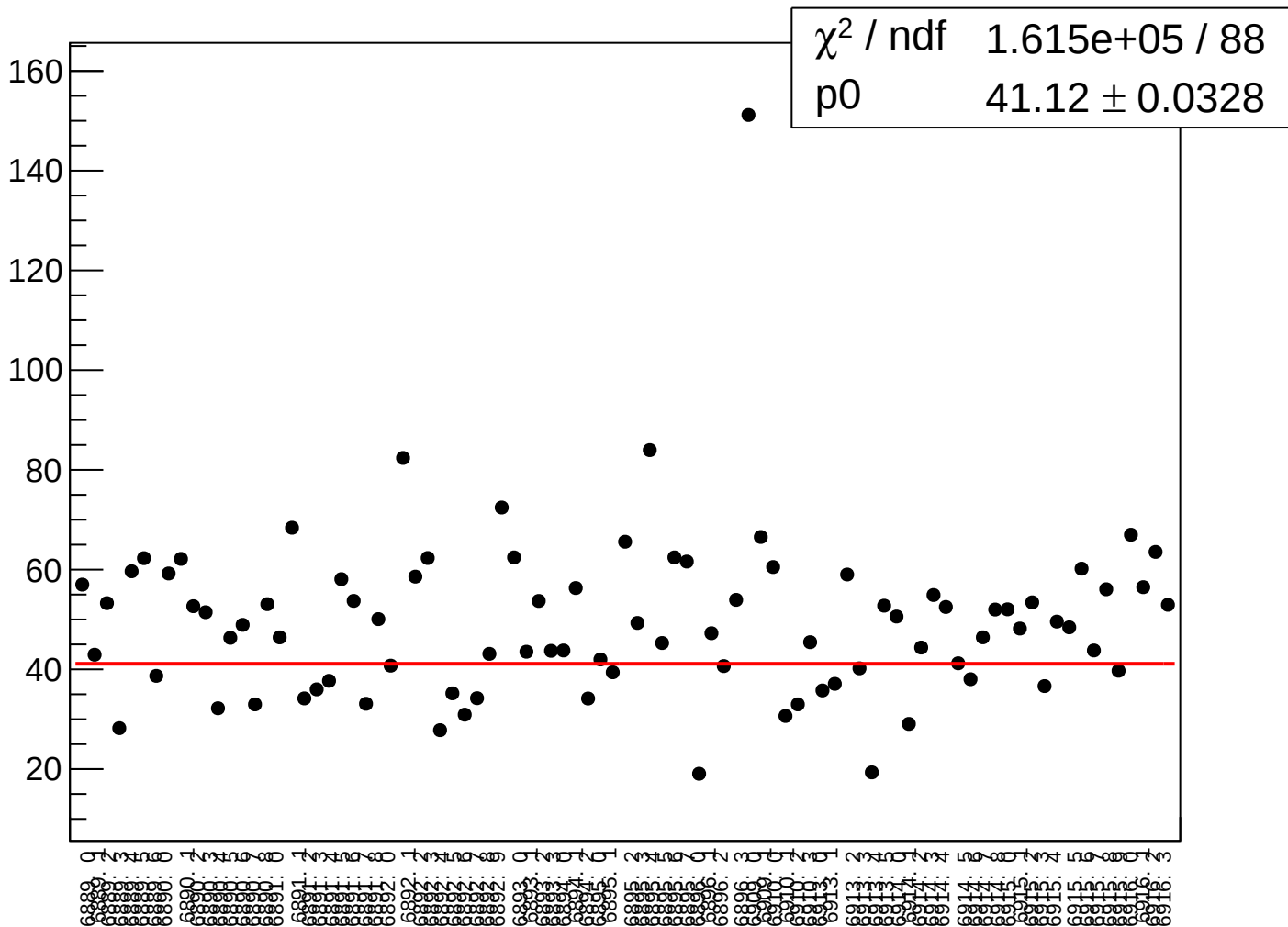
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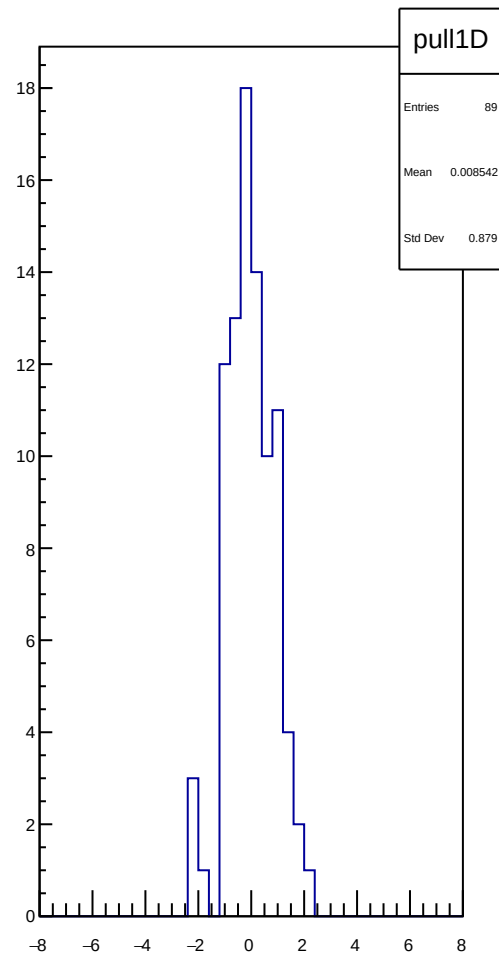
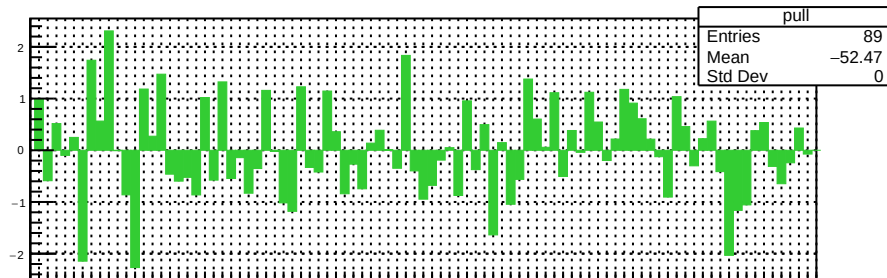
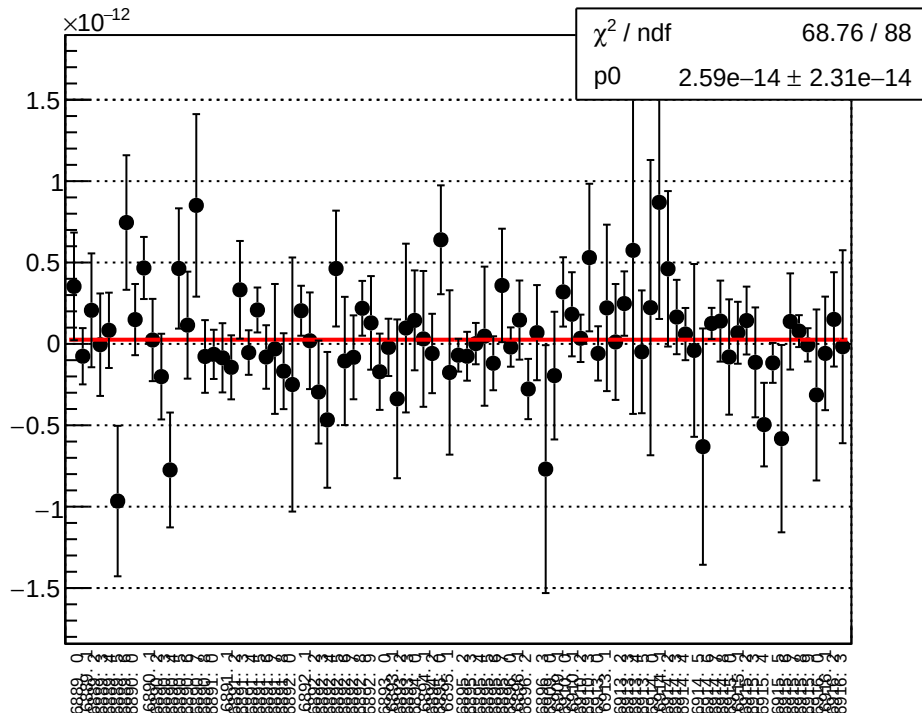
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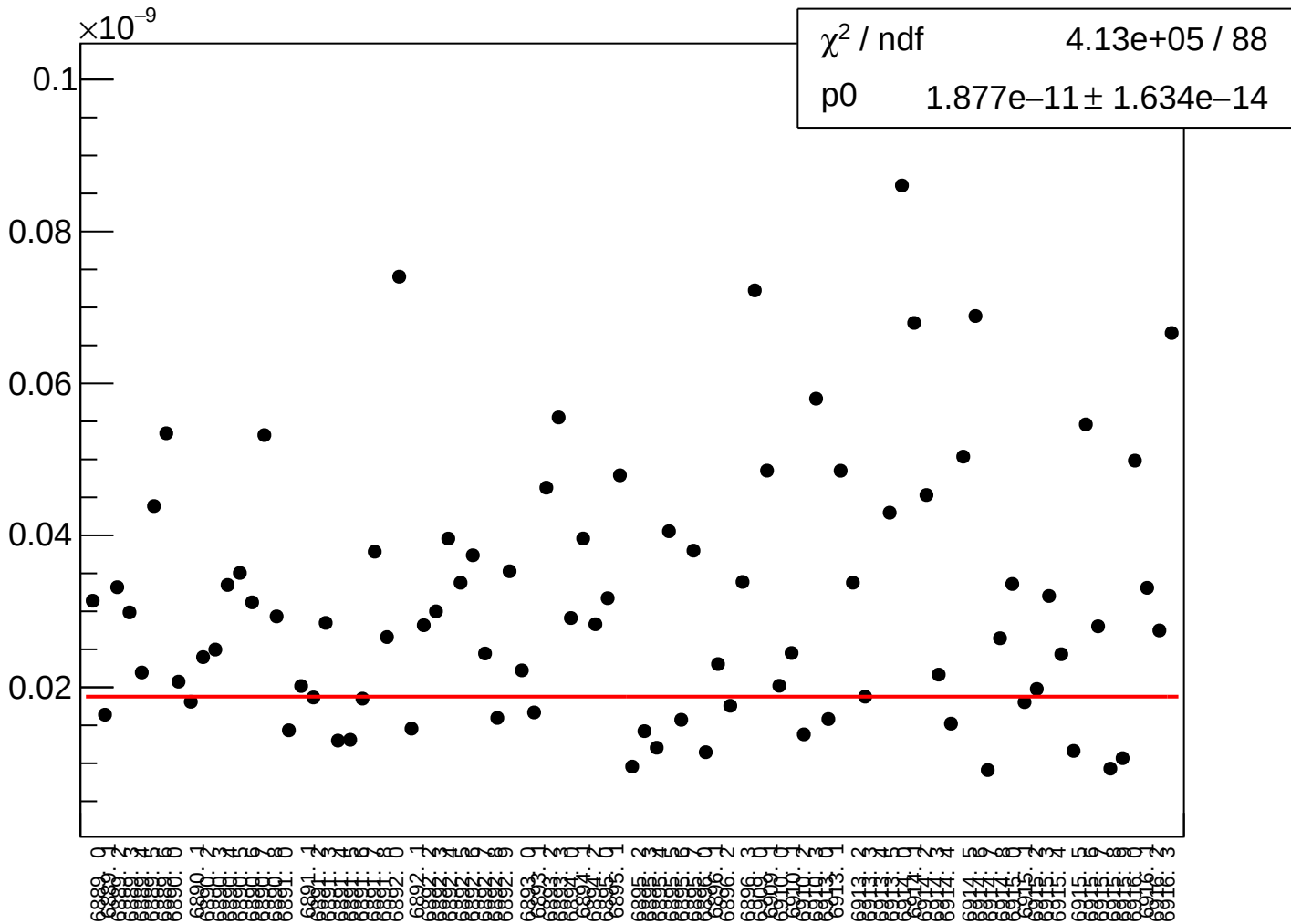
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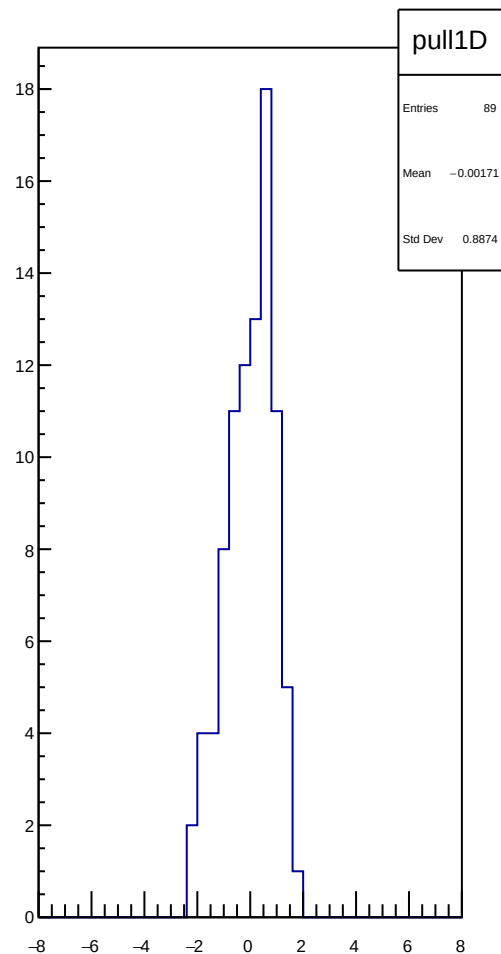
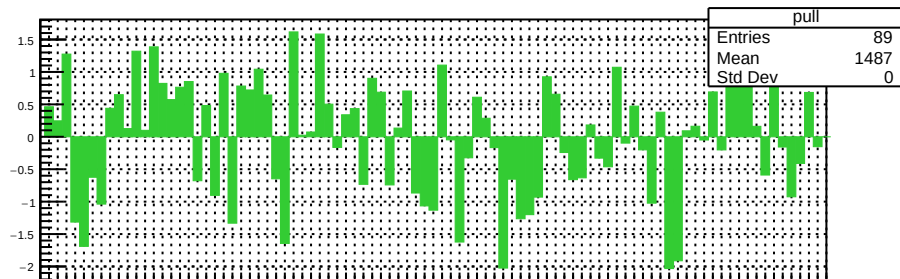
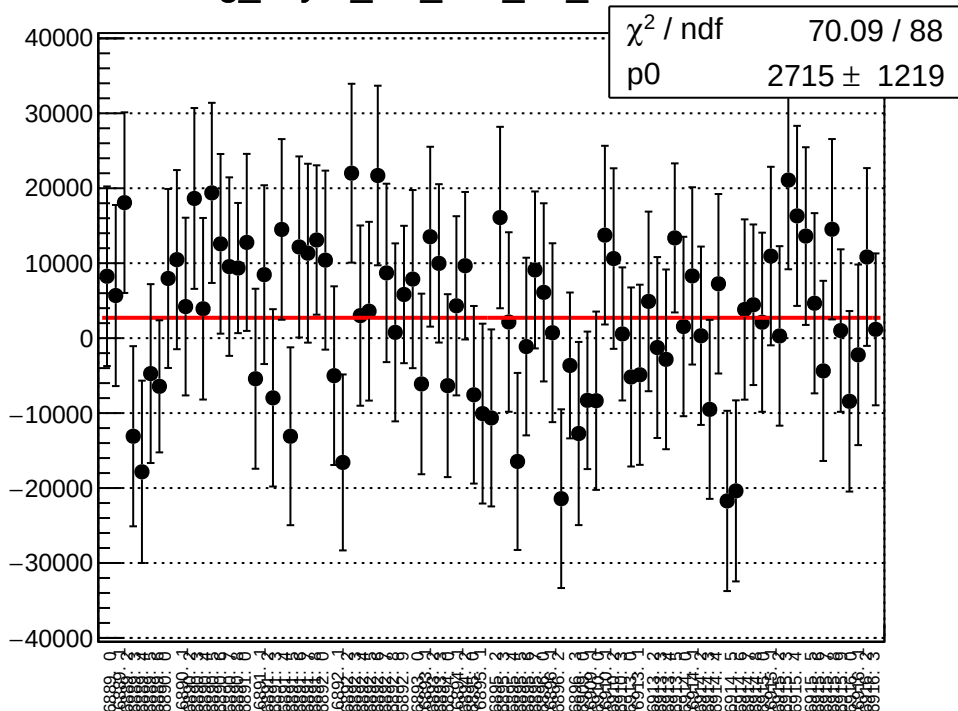
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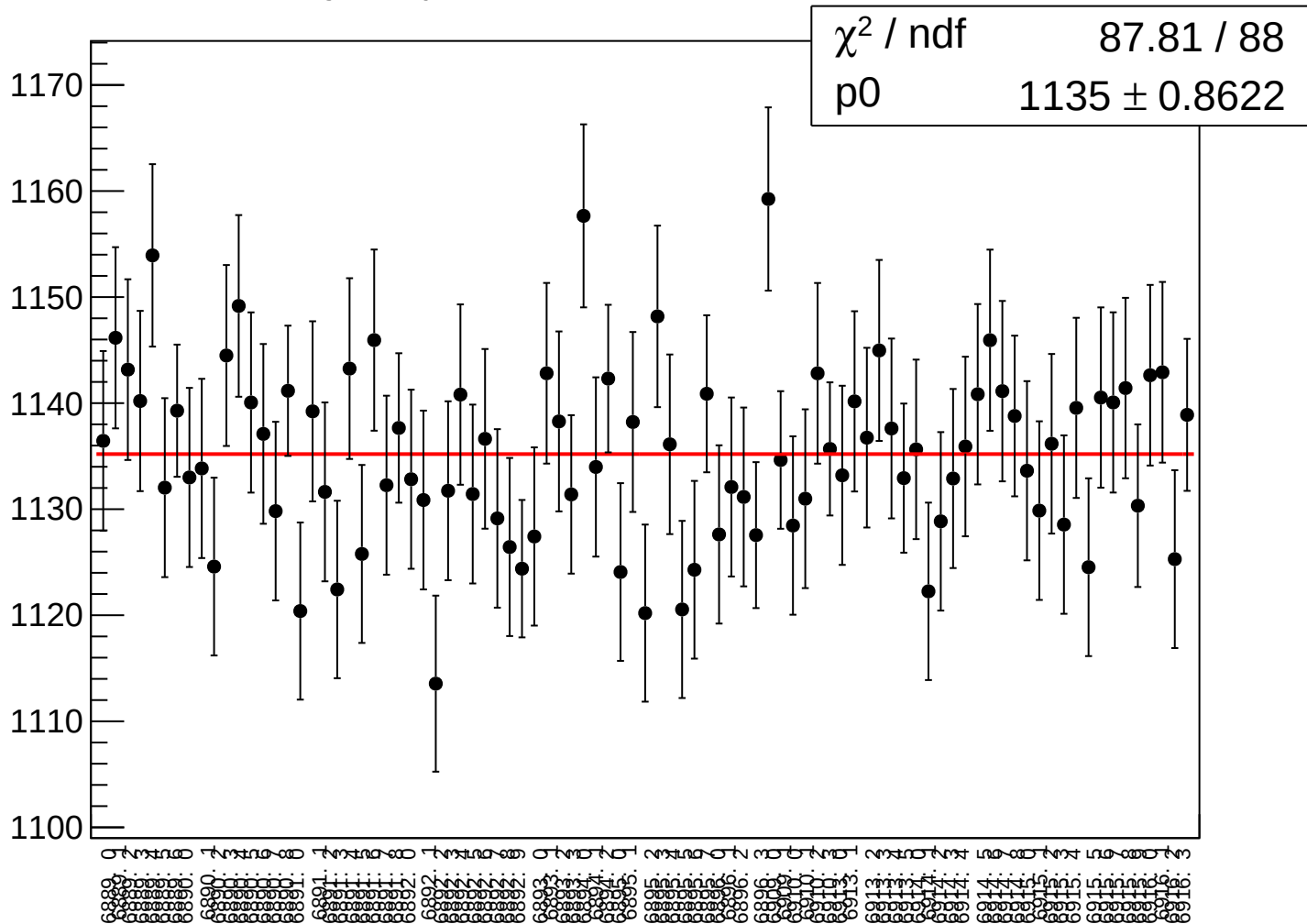
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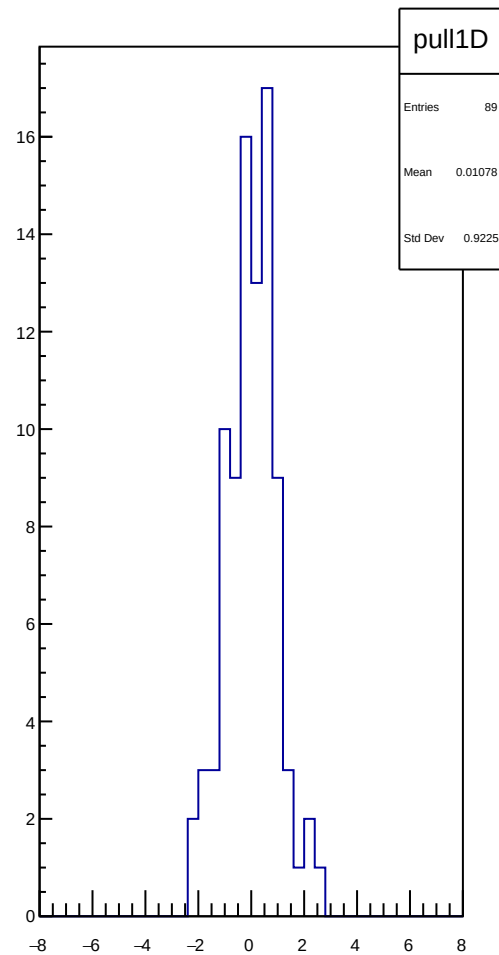
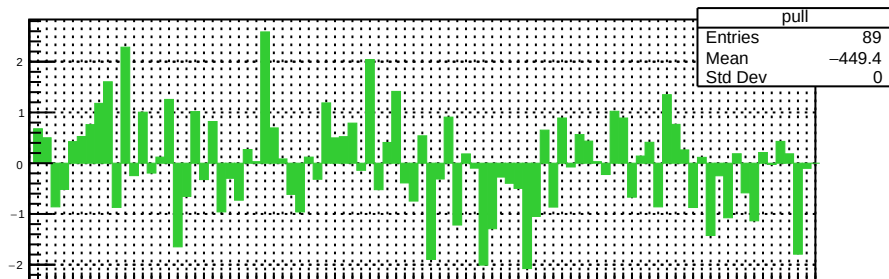
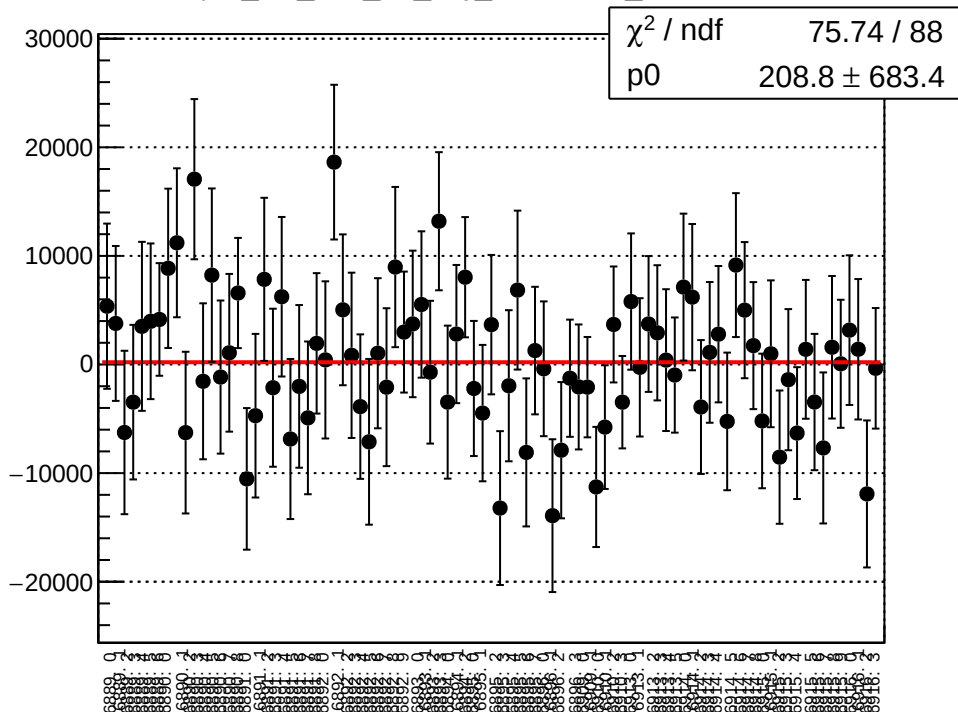
reg_asym_usl_atl1_dd_mean vs run



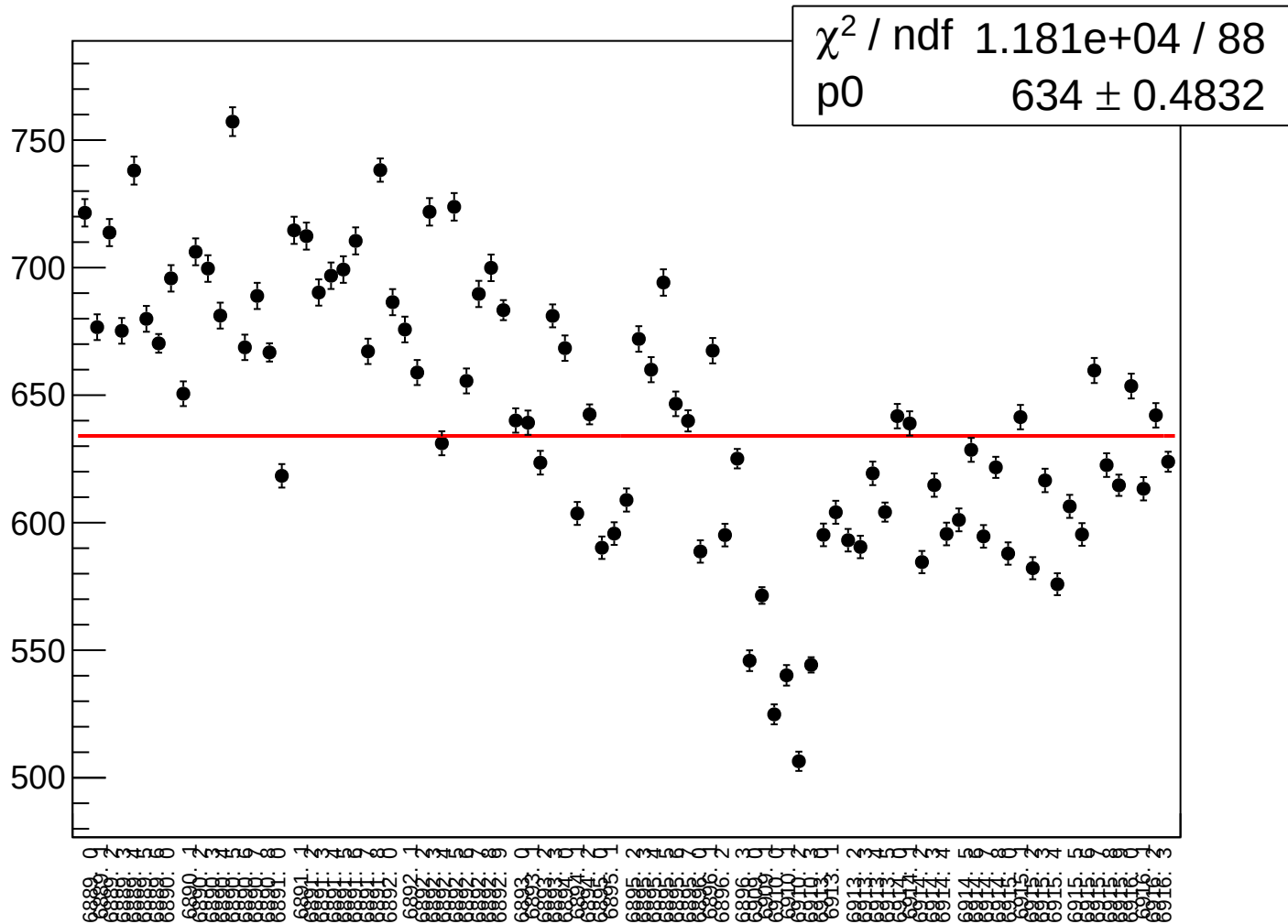
reg_asym_usl_atl1_dd_rms vs run



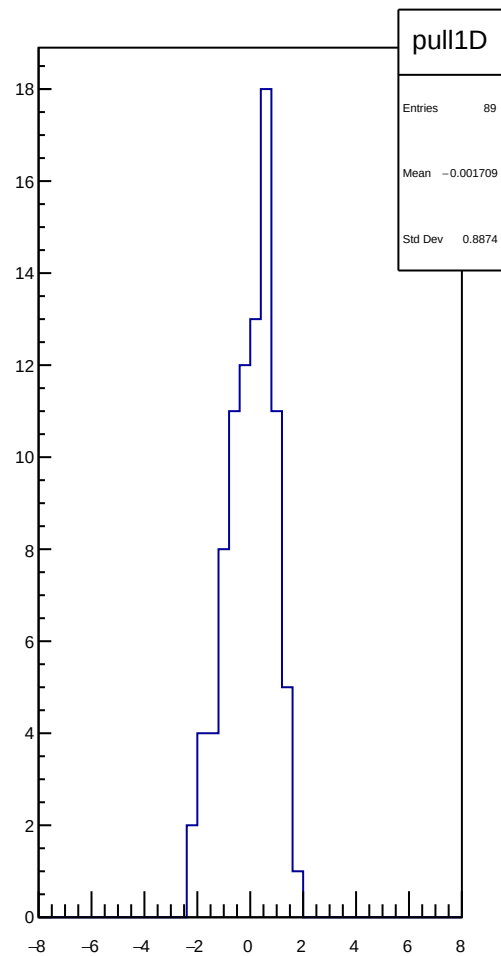
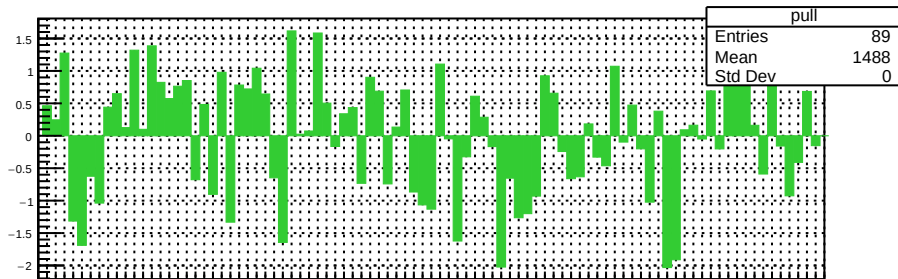
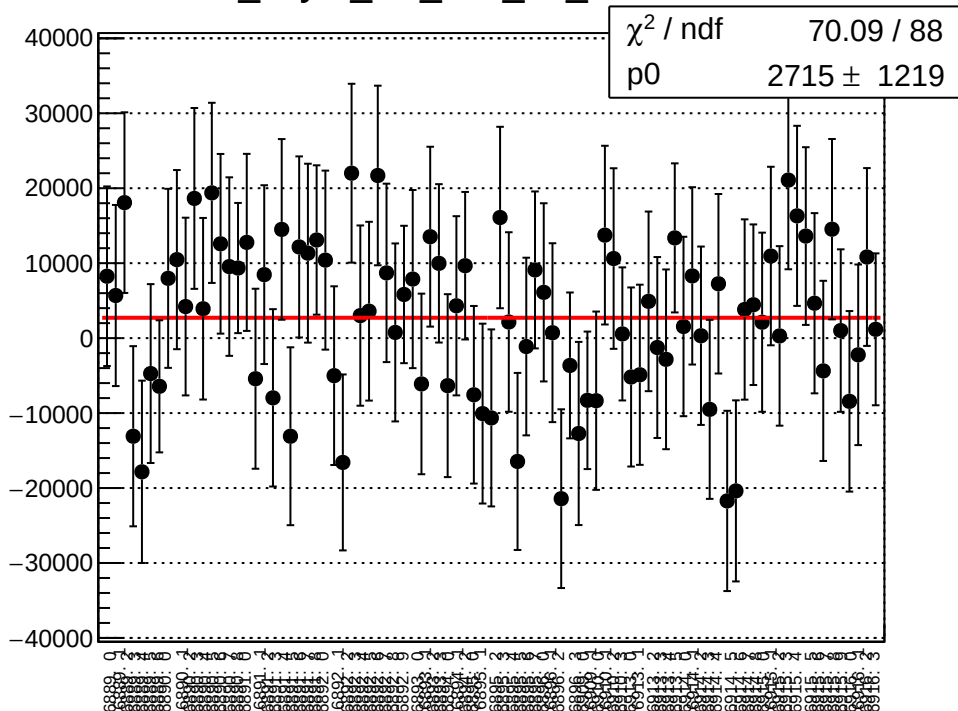
asym_usl_atl1_dd_reg_correction_mean vs run



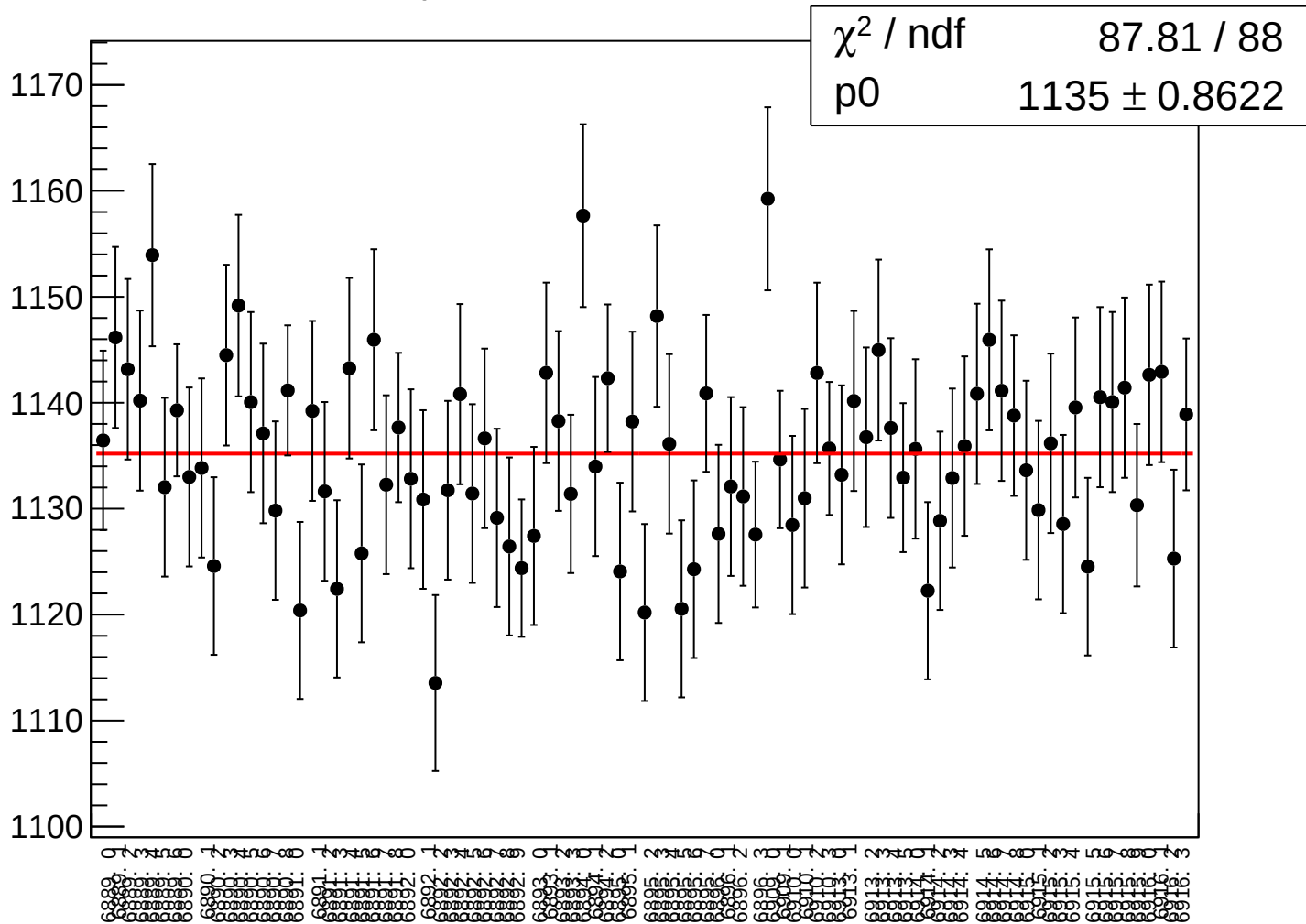
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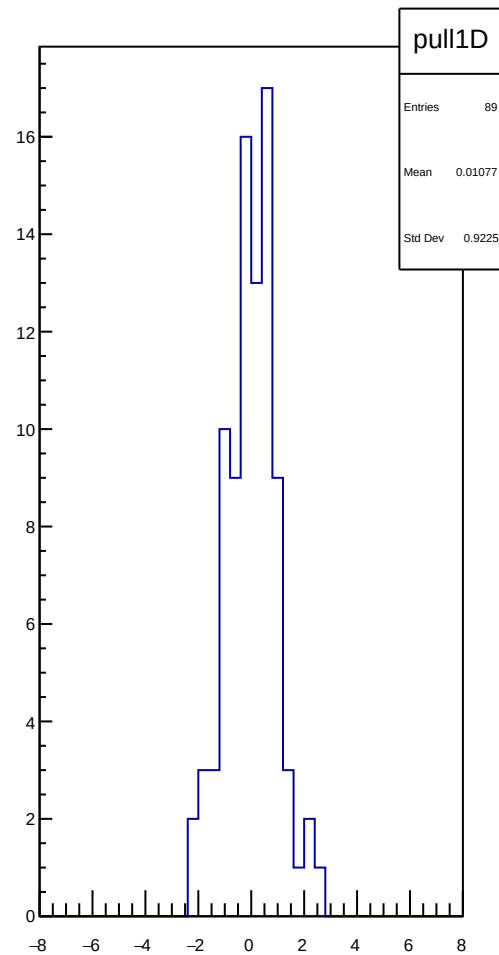
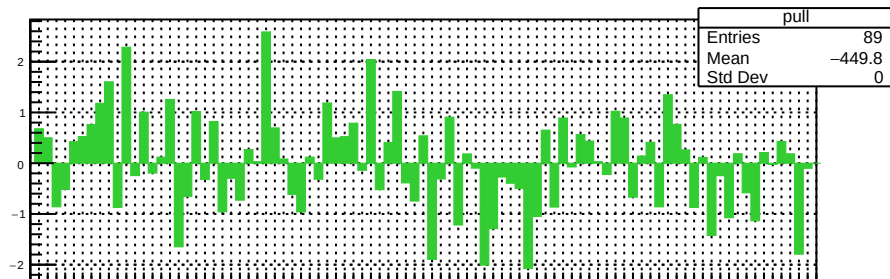
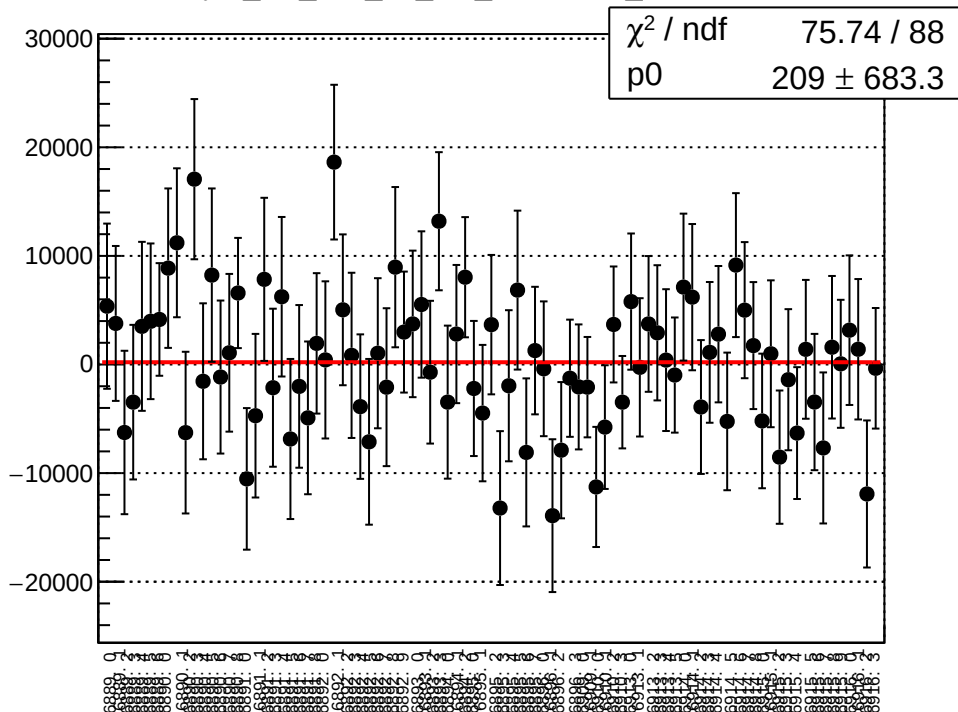
cor_asym_usl_atl1_dd_mean vs run



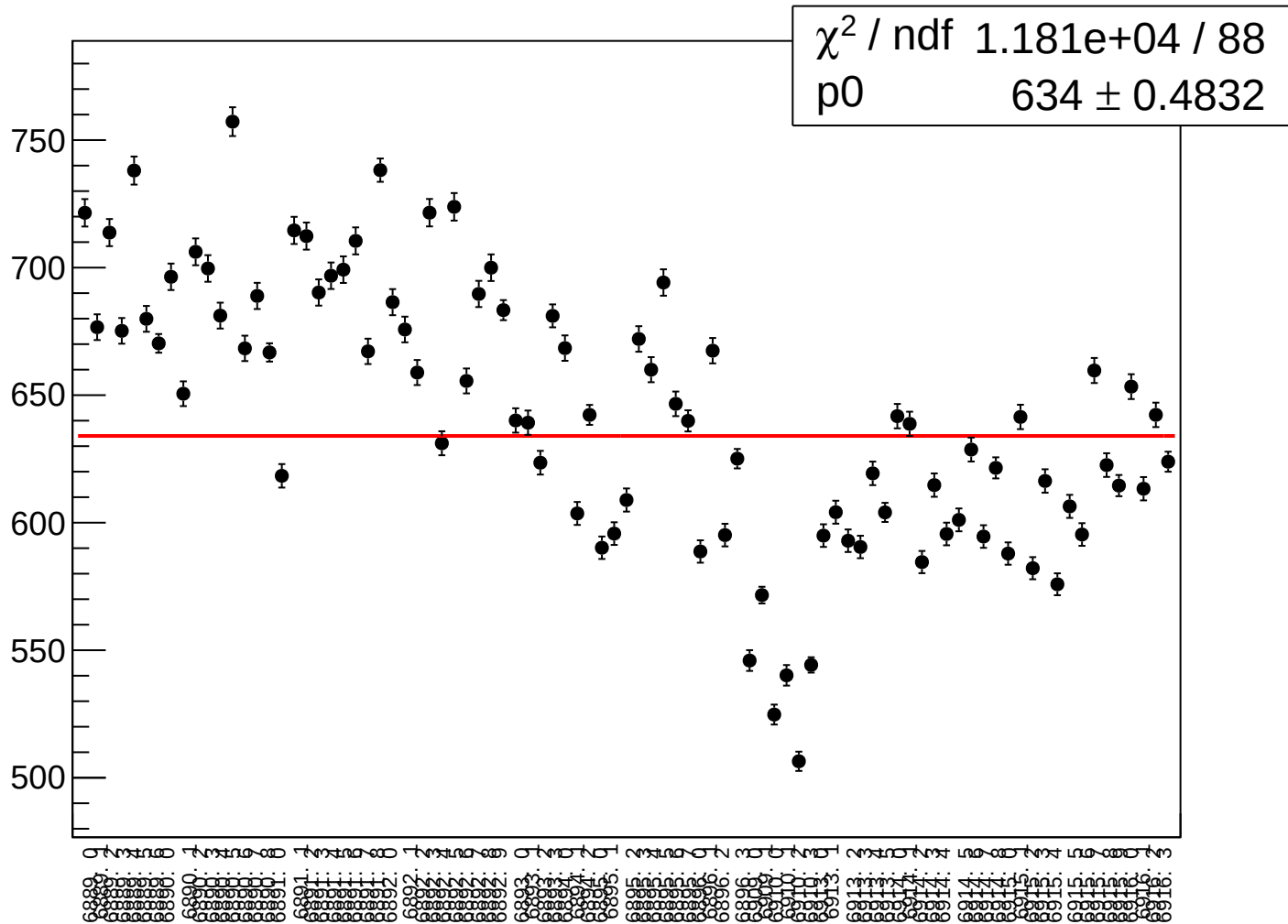
cor_asym_usl_atl1_dd_rms vs run



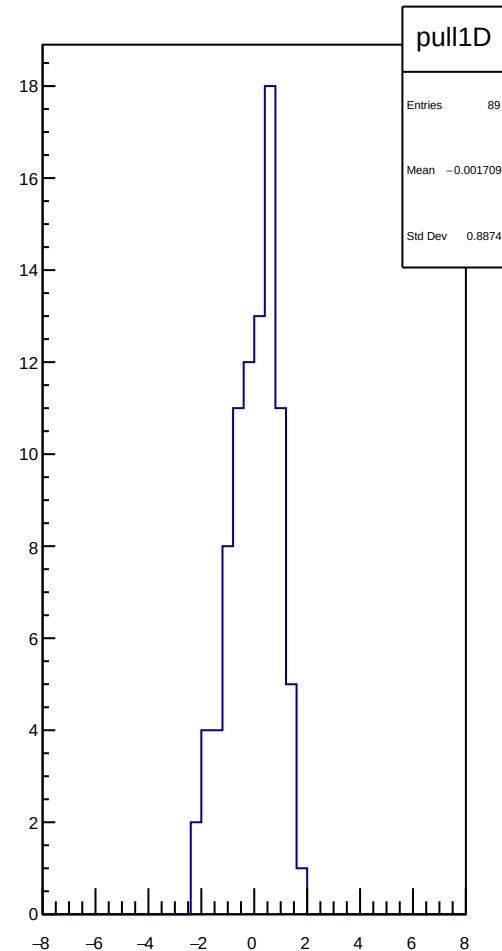
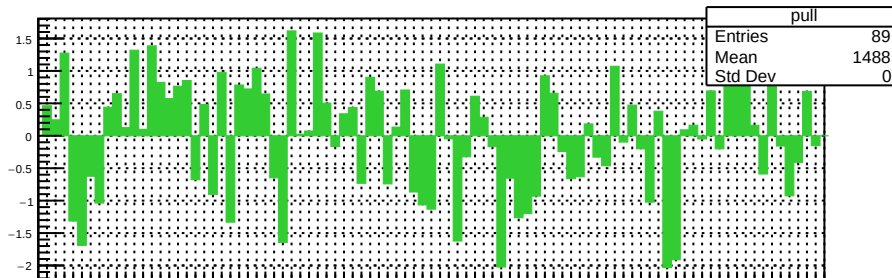
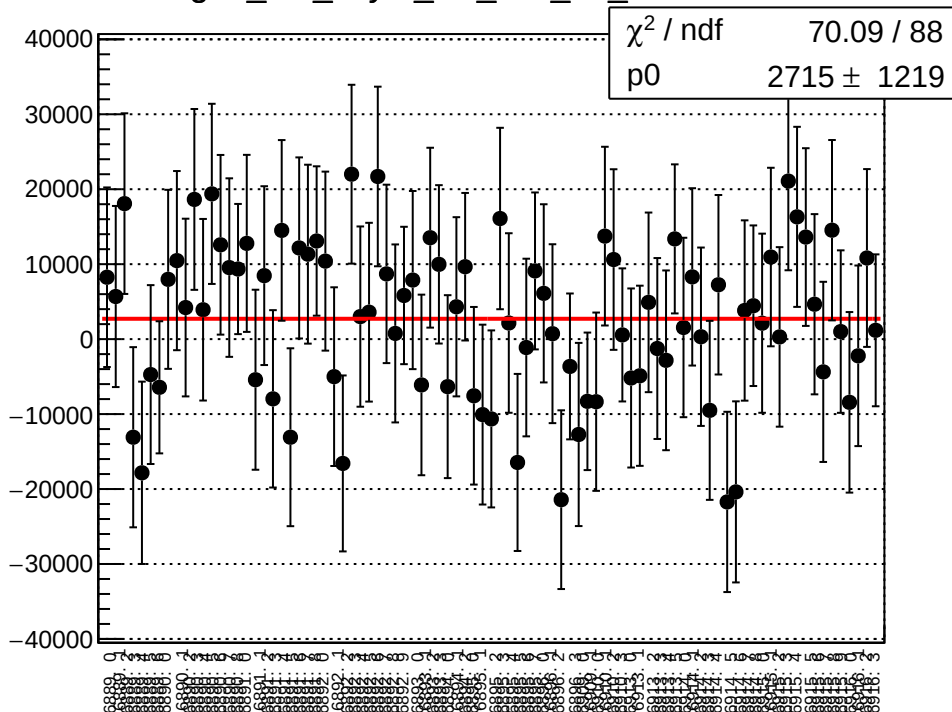
asym_usl_atl1_dd_cor_correction_mean vs run



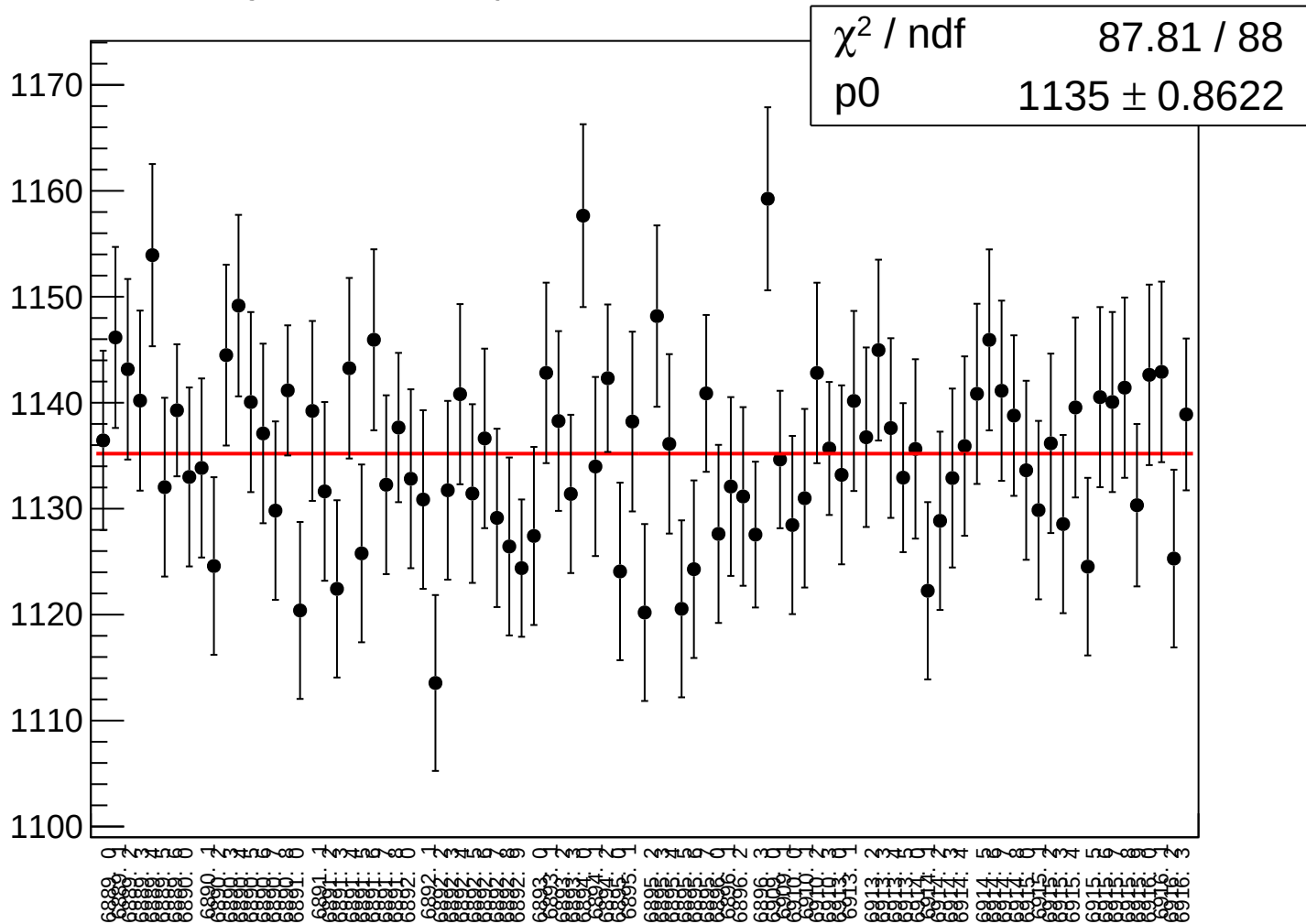
asym_usl_atl1_dd_cor_correction_rms vs run



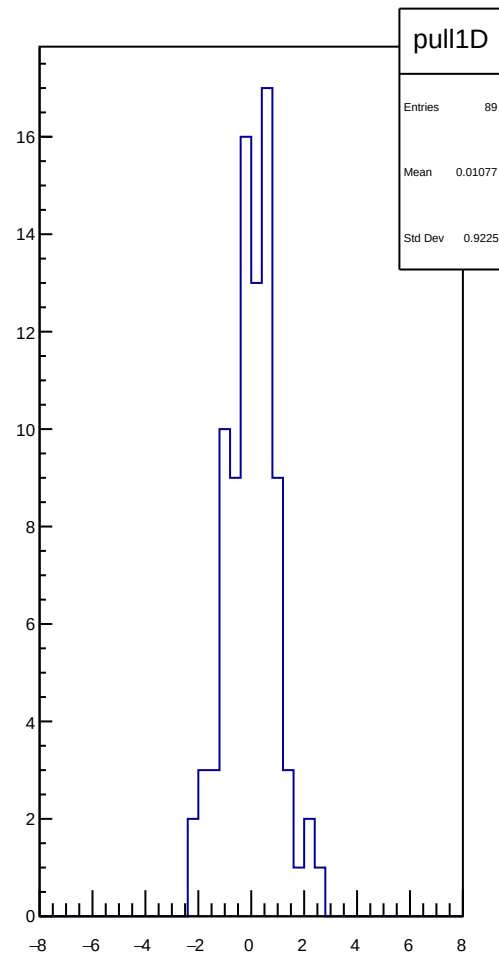
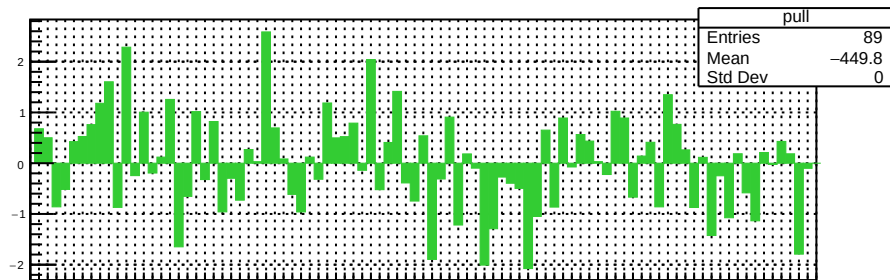
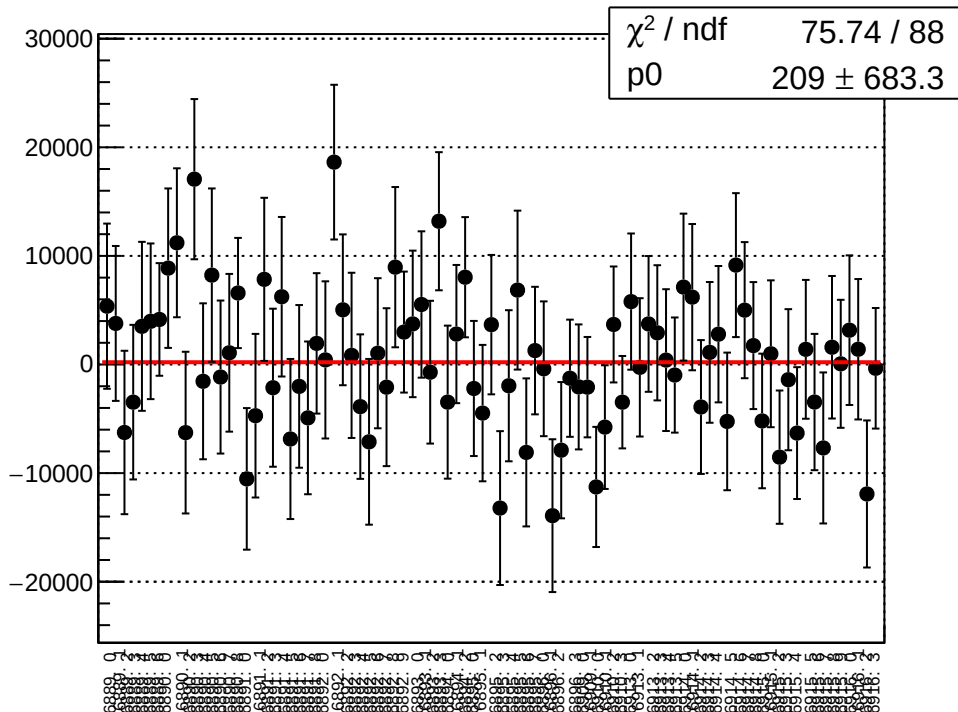
eigen_cor_asym_usl_atl1_dd_mean vs run



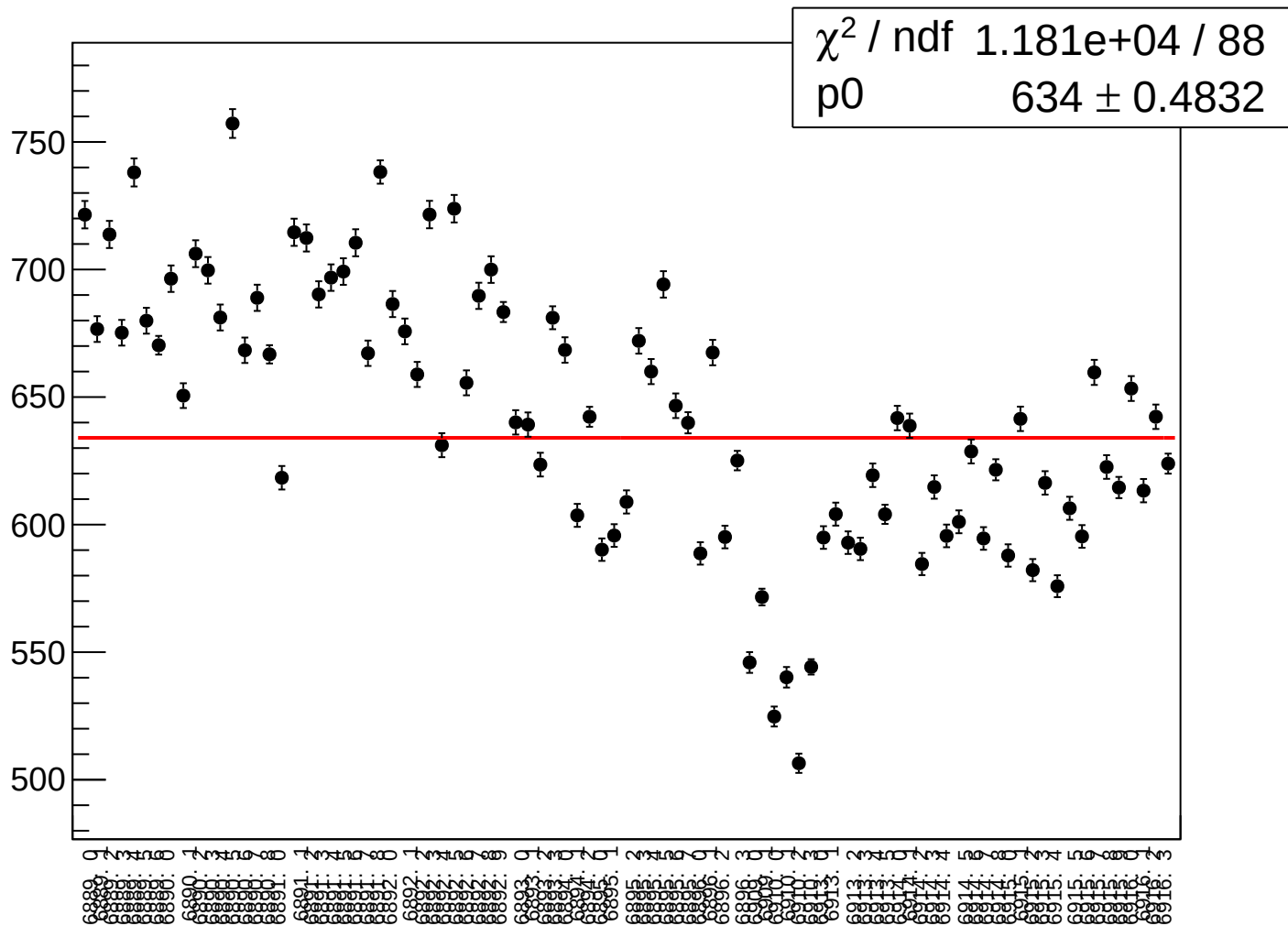
eigen_cor_asym_usl_atl1_dd_rms vs run



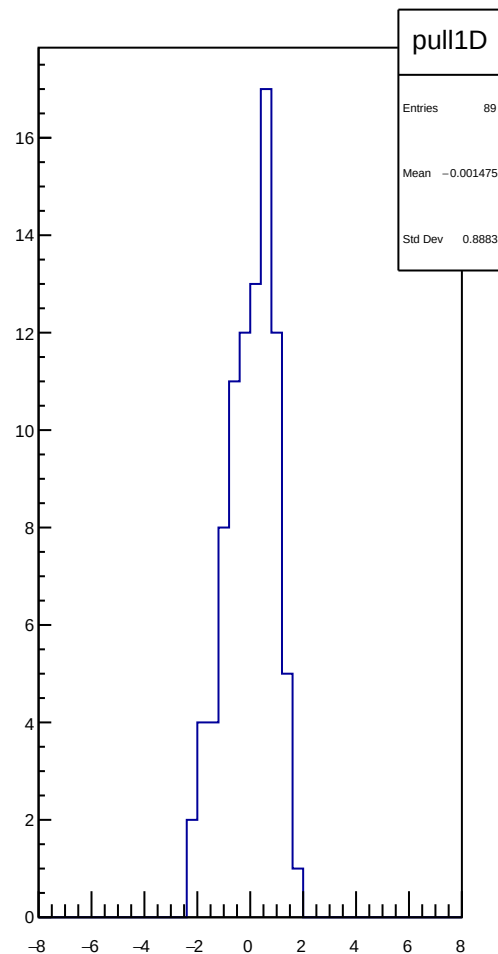
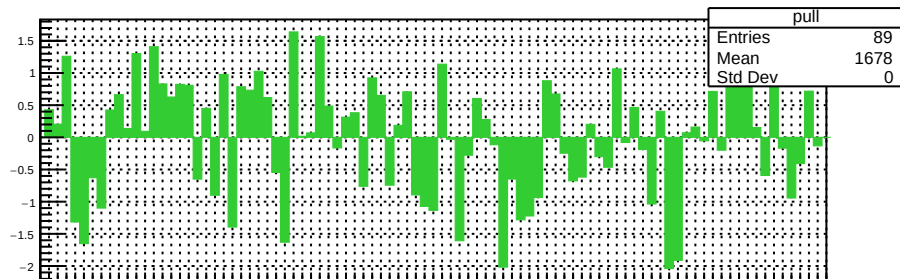
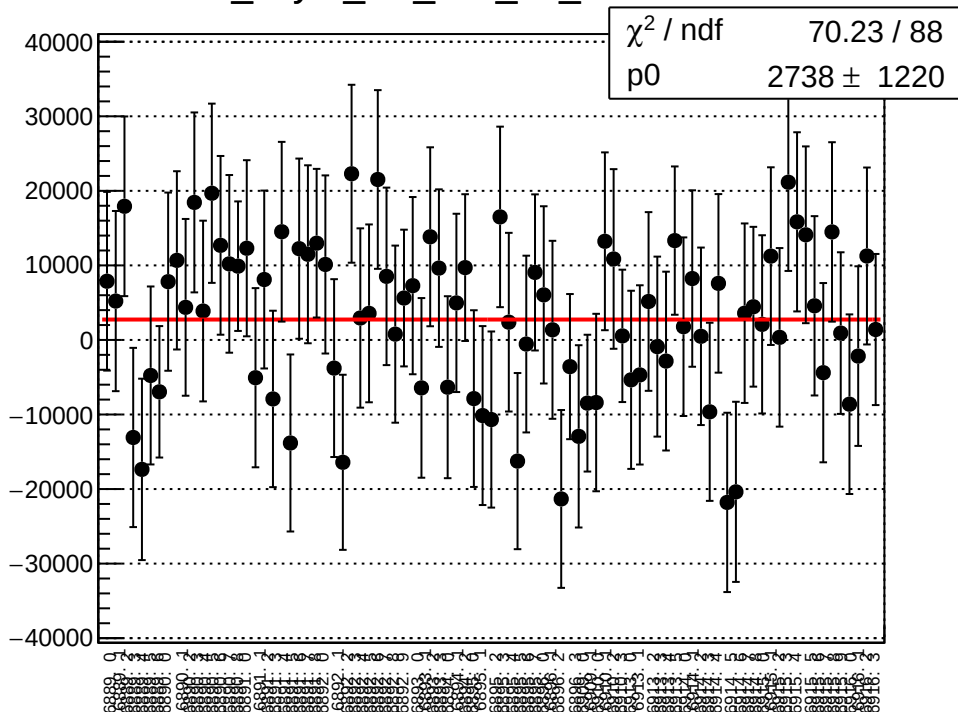
asym_usl_atl1_dd_eigen_cor_correction_mean vs run



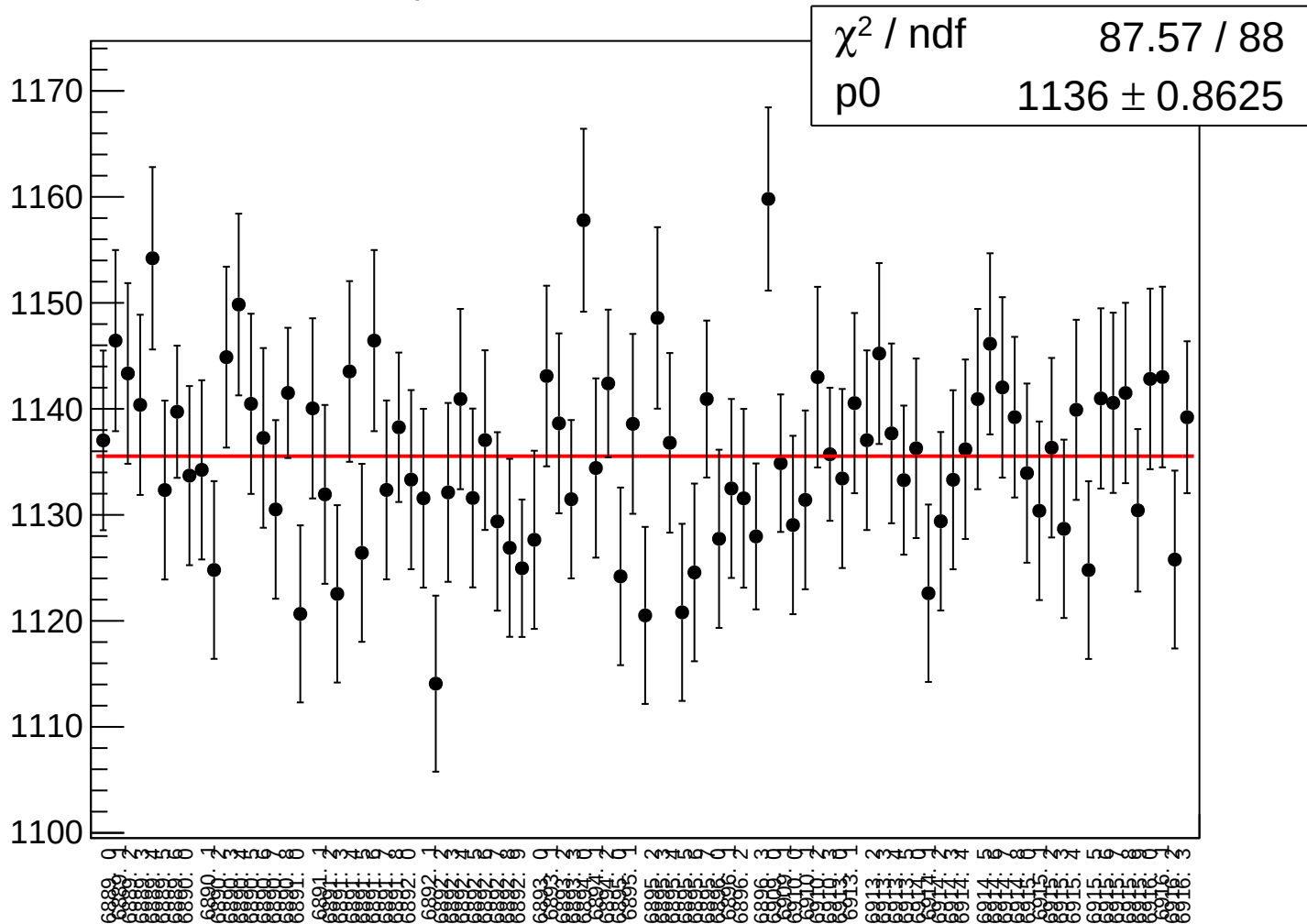
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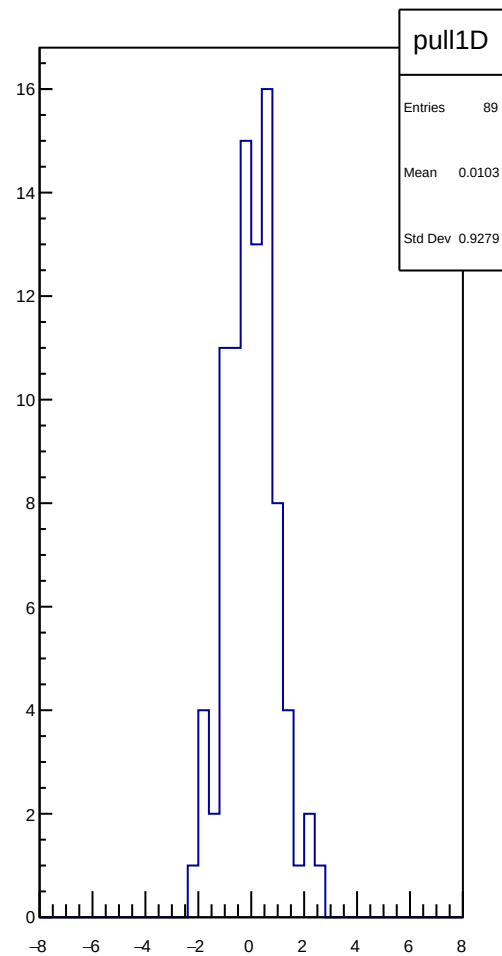
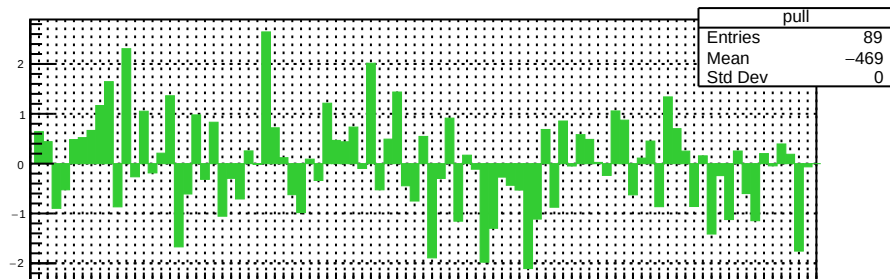
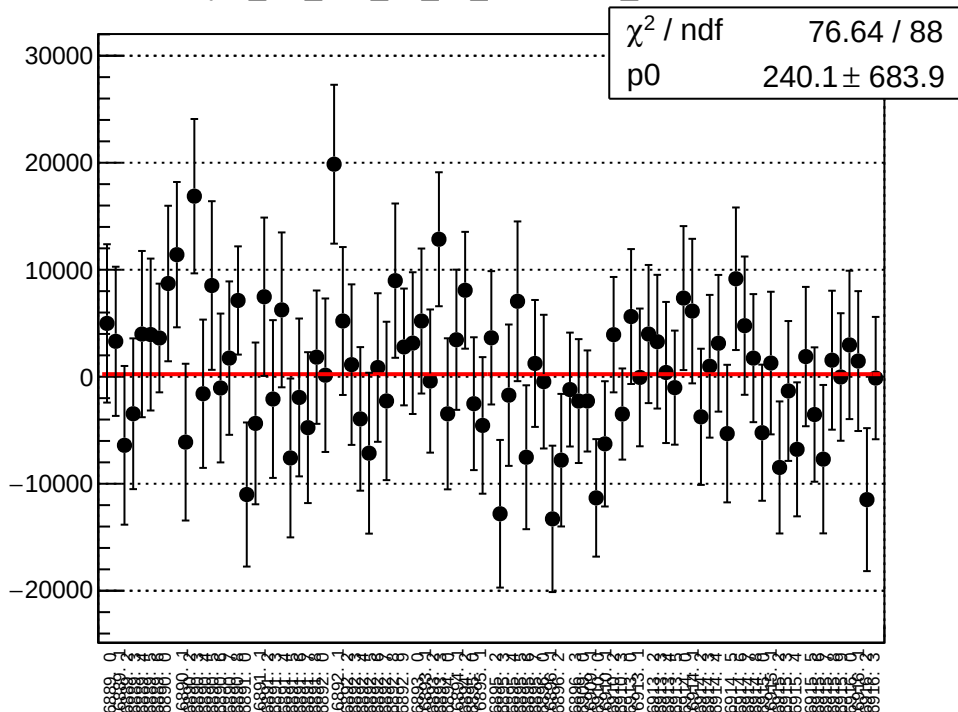
dit_asym_usl_atl1_dd_mean vs run



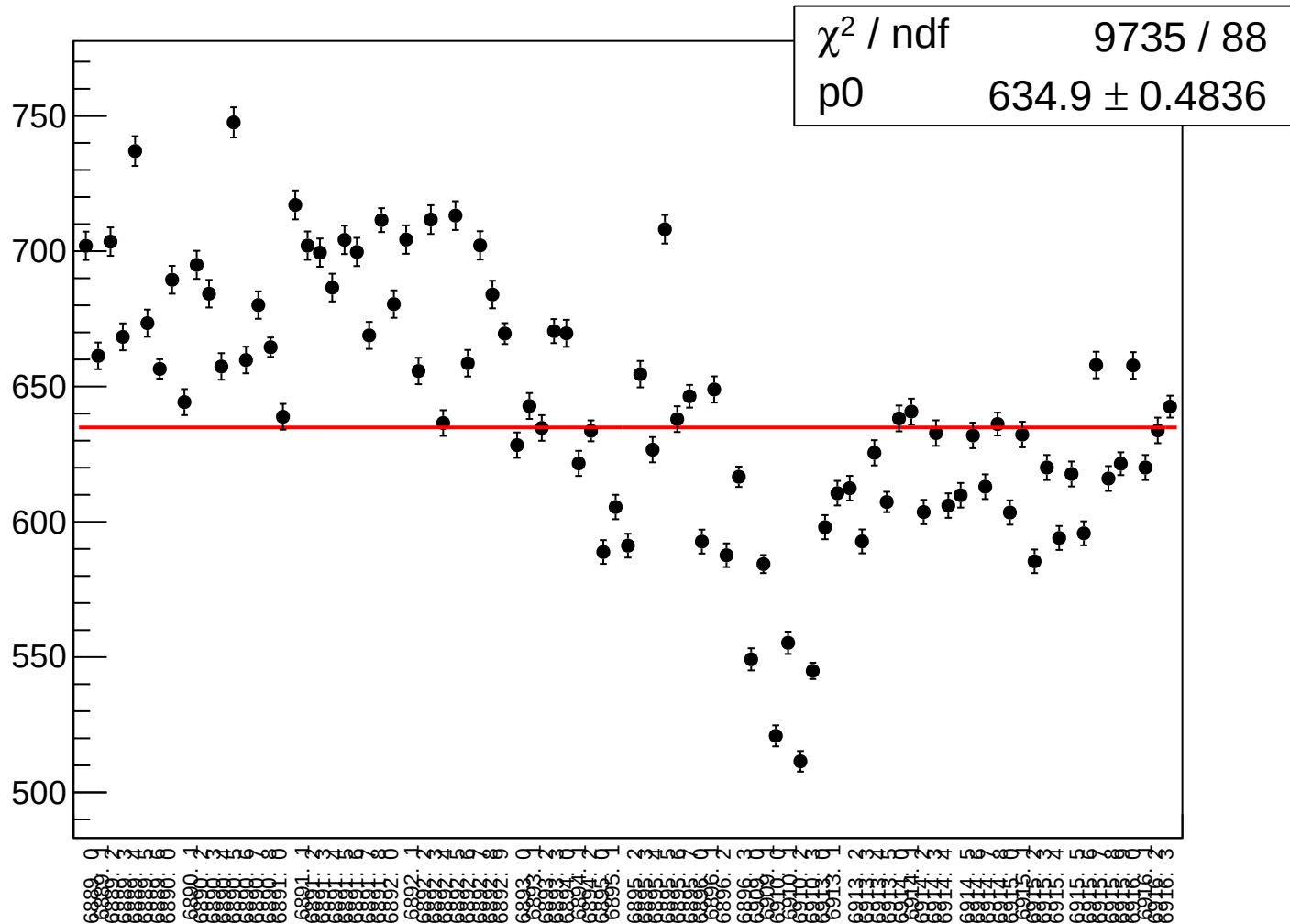
dit_asym_usl_atl1_dd_rms vs run



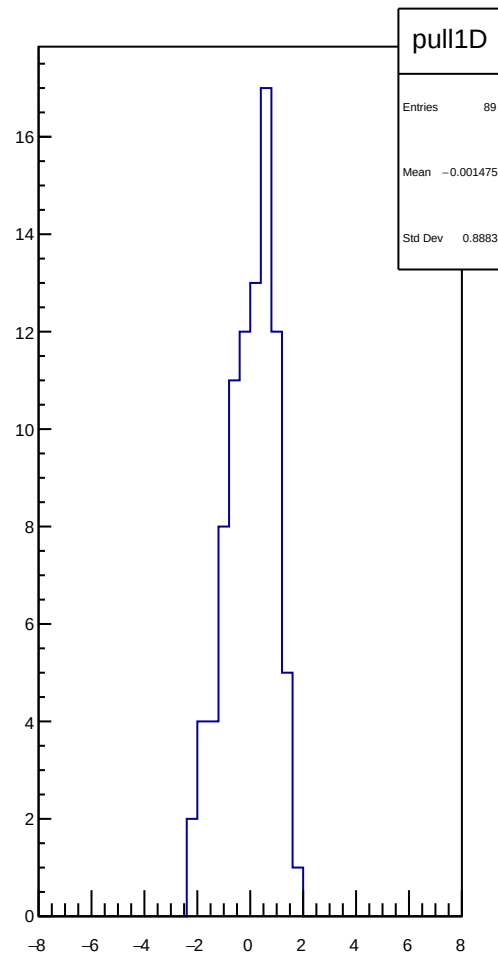
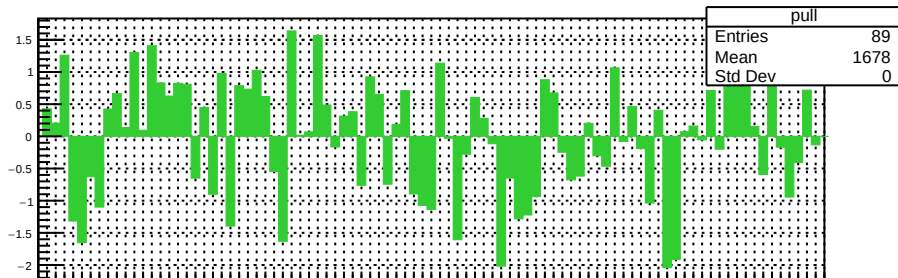
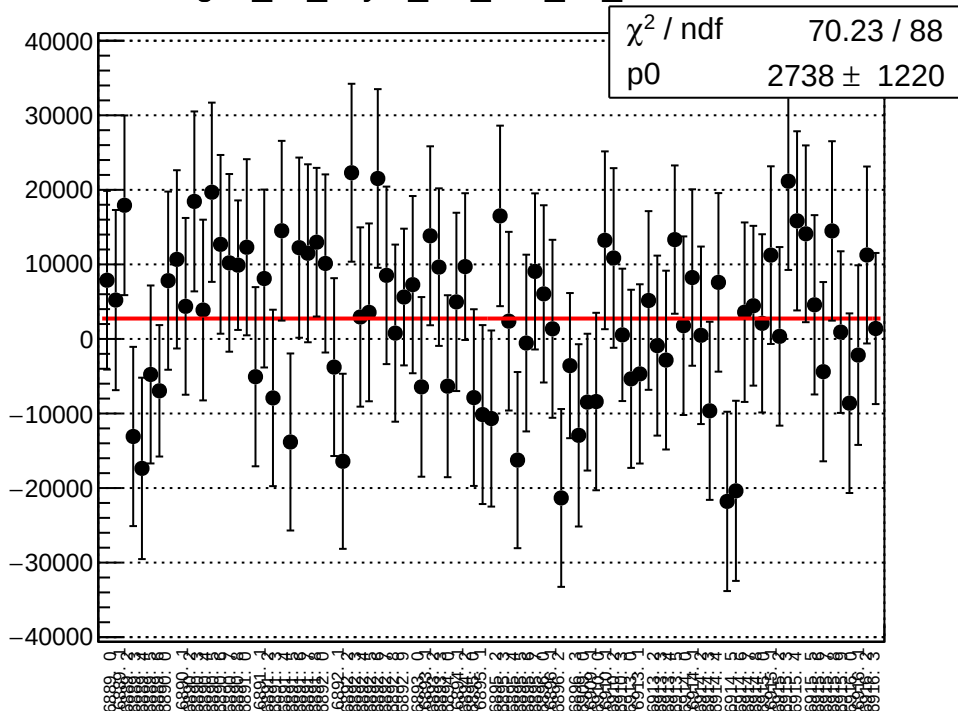
asym_usl_atl1_dd_dit_correction_mean vs run



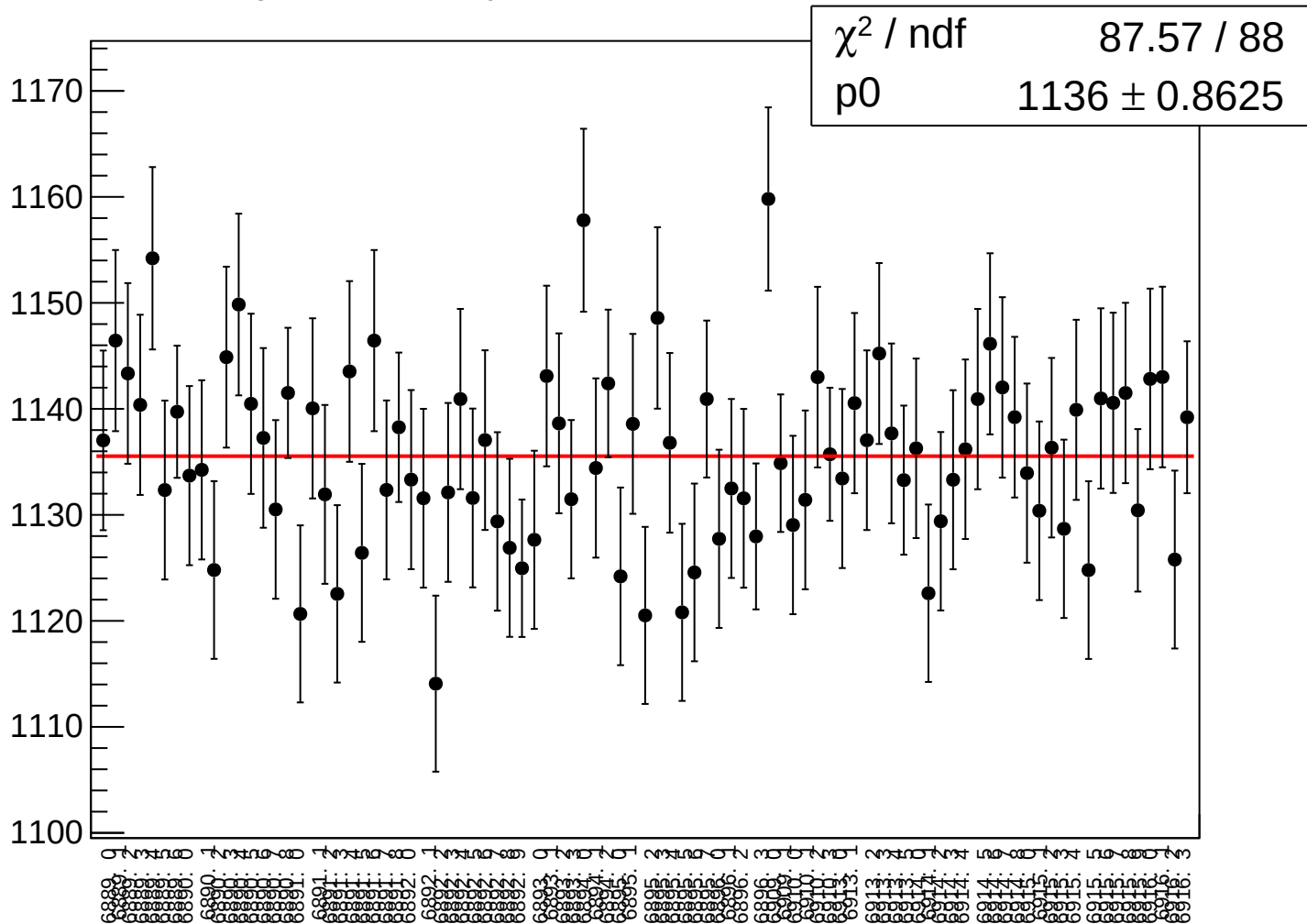
asym_usl_atl1_dd_dit_correction_rms vs run



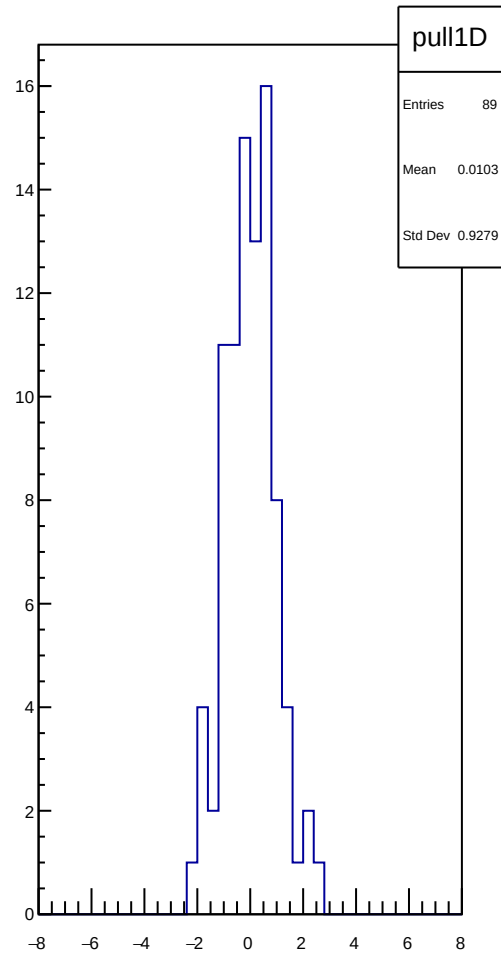
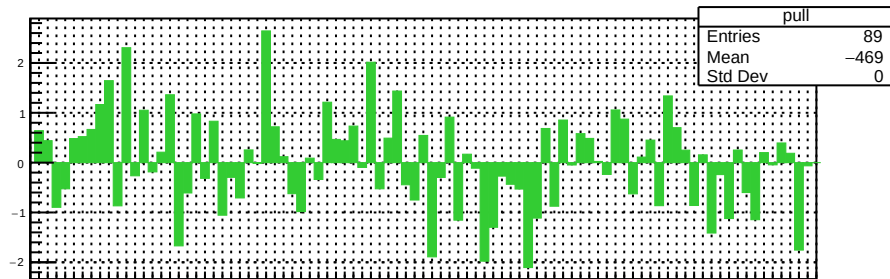
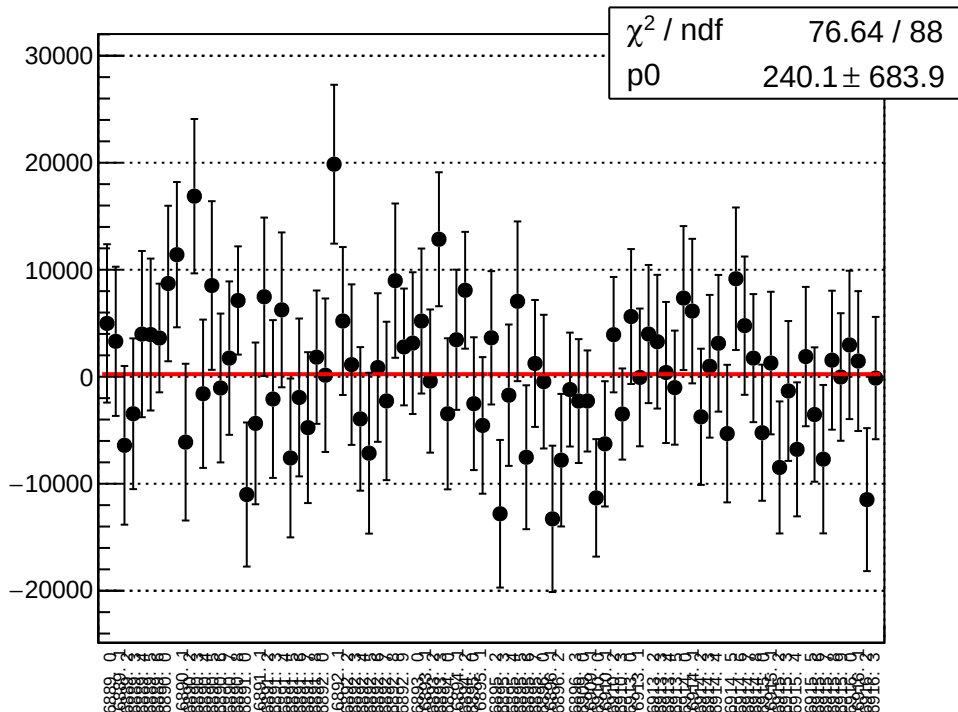
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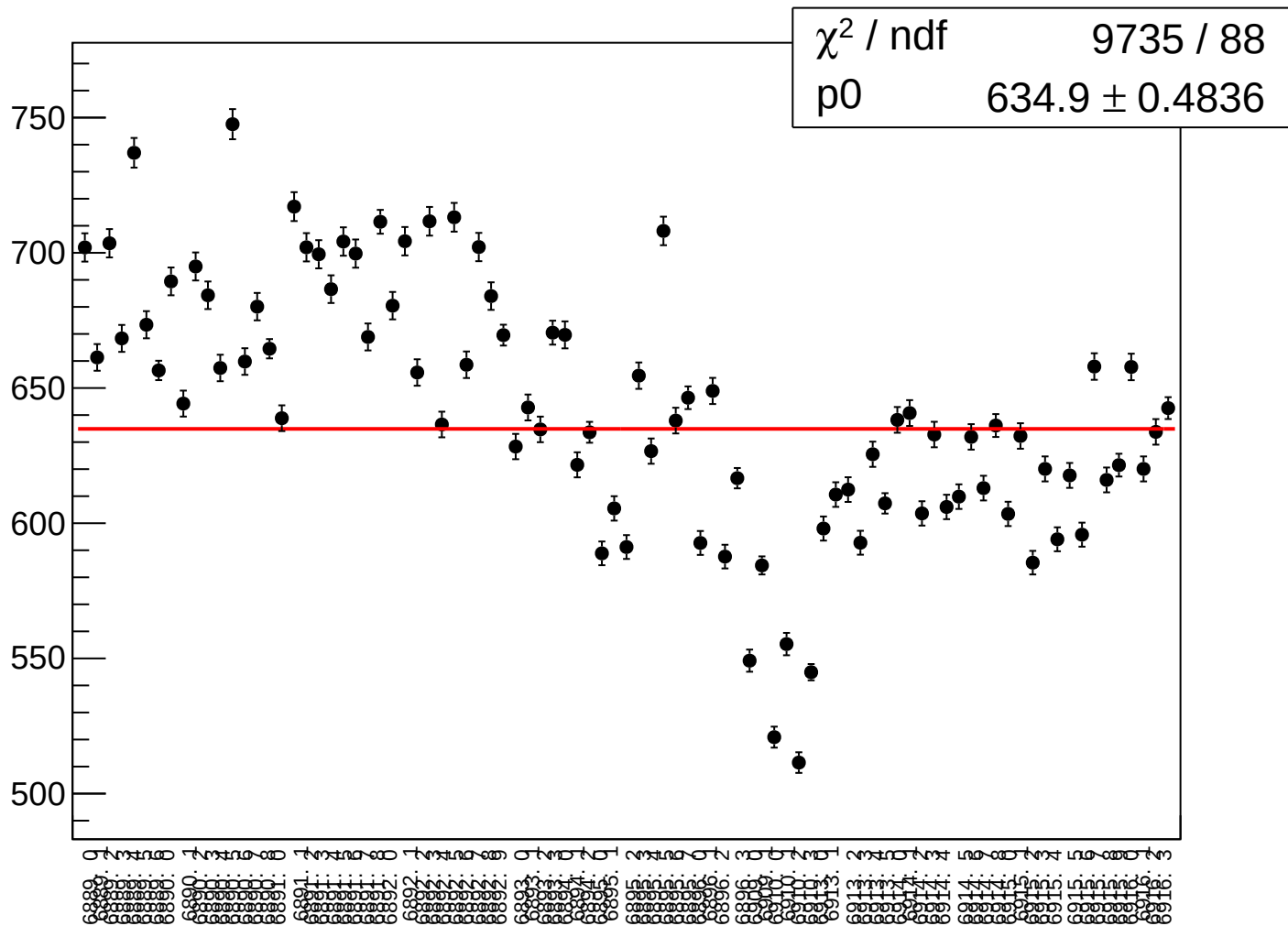
eigen_dit_asym_usl_atl1_dd_rms vs run



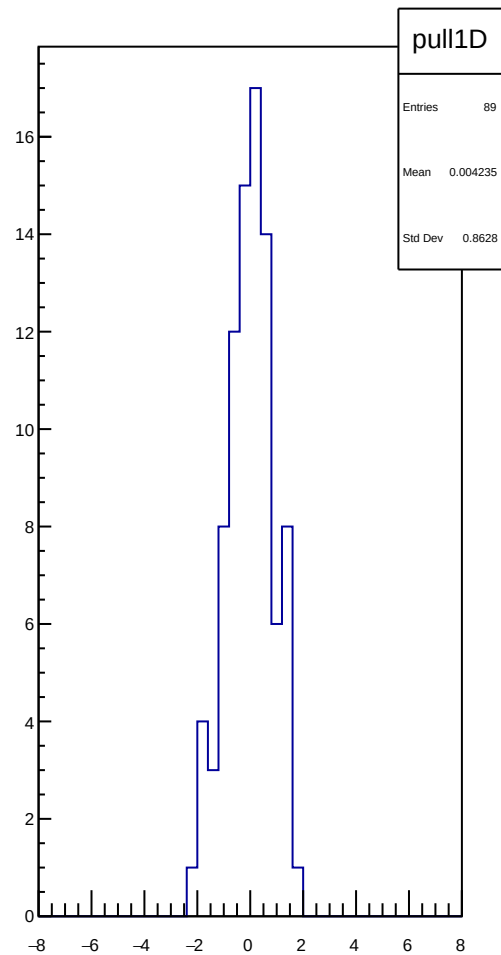
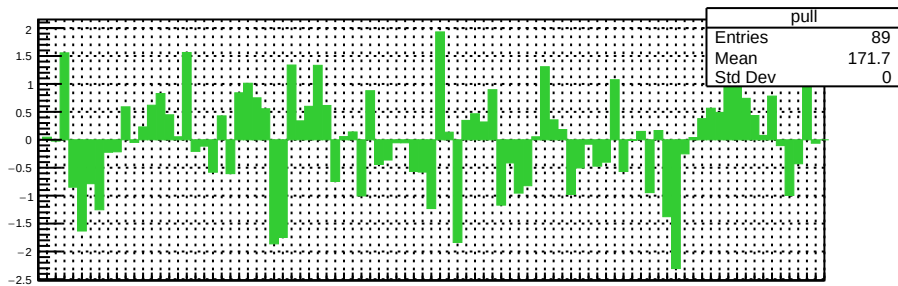
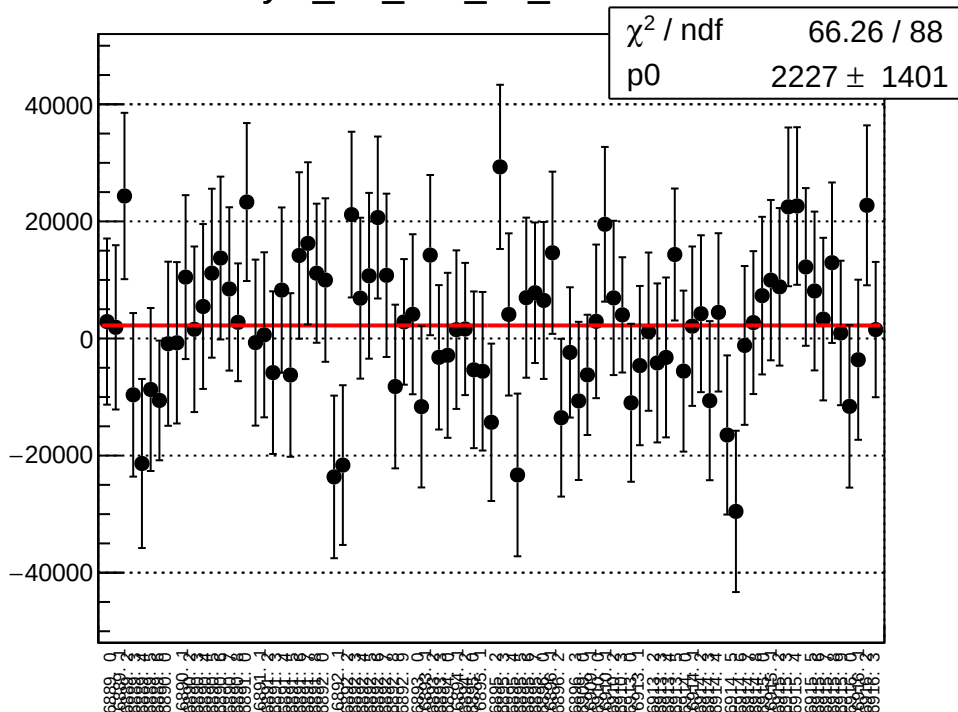
asym_usl_atl1_dd_eigen_dit_correction_mean vs run



asym_usl_atl1_dd_eigen_dit_correction_rms vs run

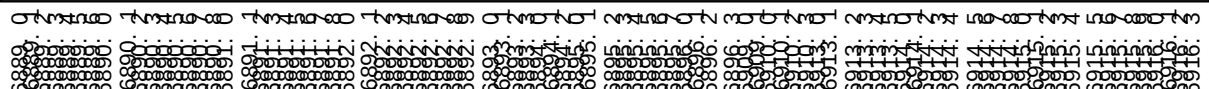


asym_usl_atl1_dd_mean vs run

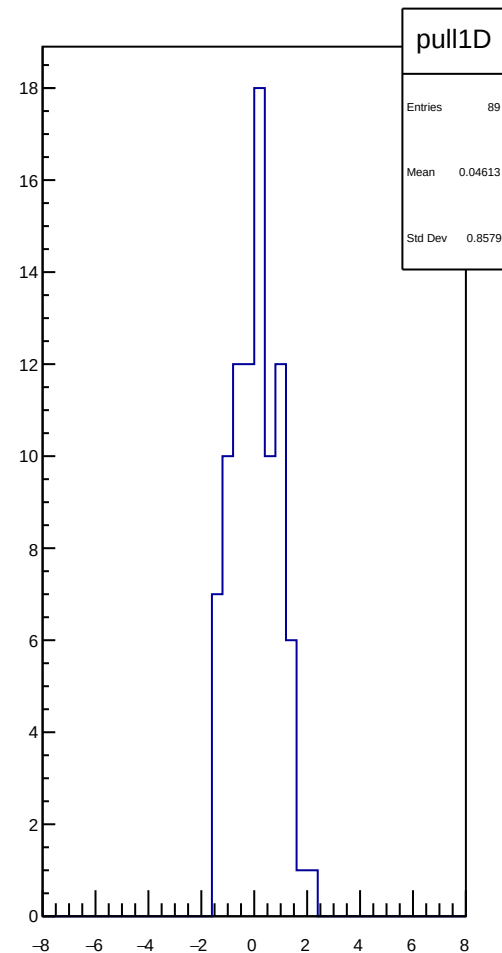
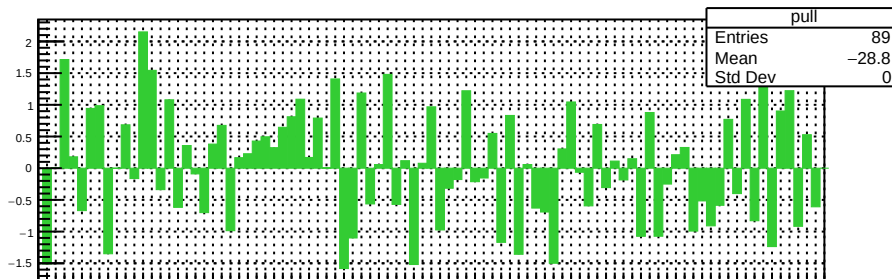
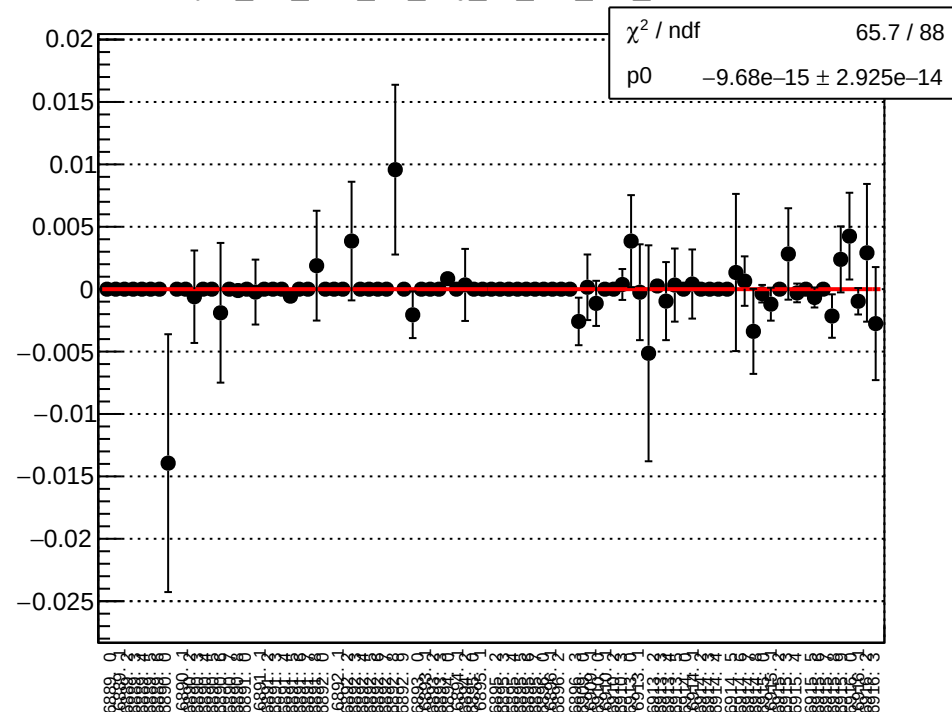


χ^2 / ndf

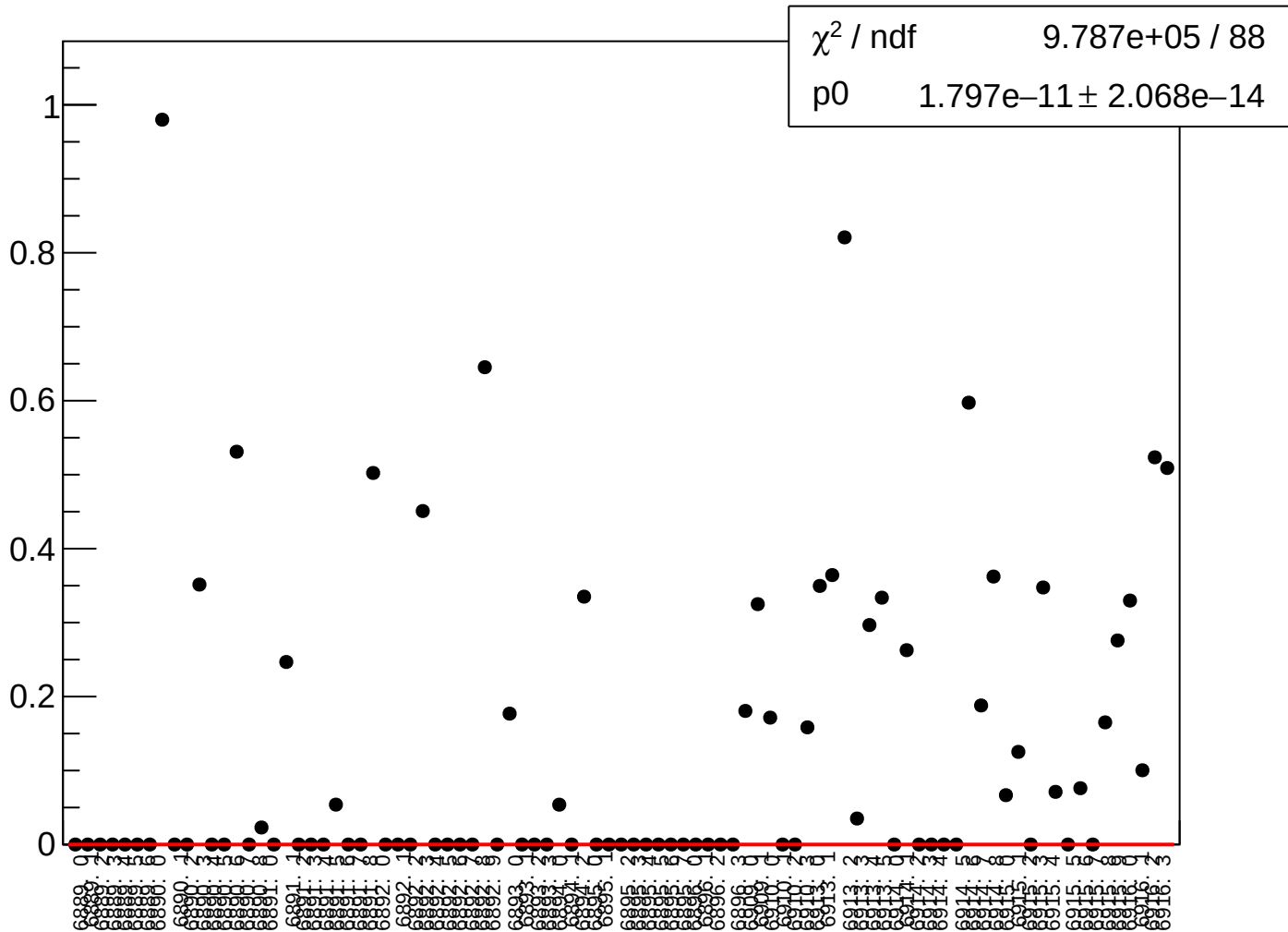
p0

$$1304 \pm 0.9908$$


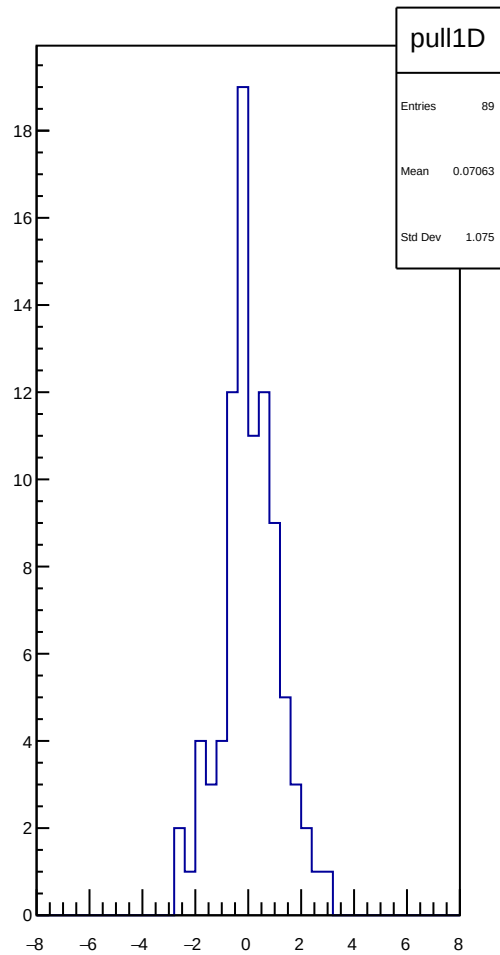
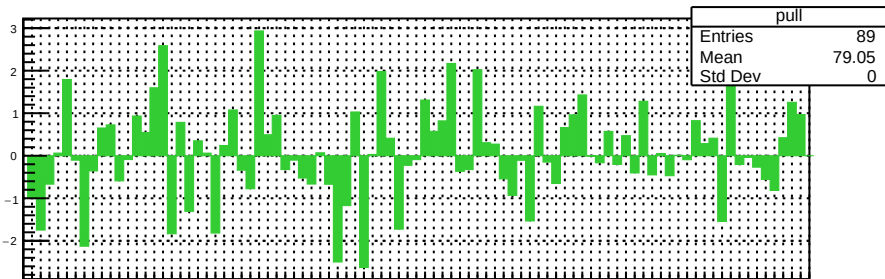
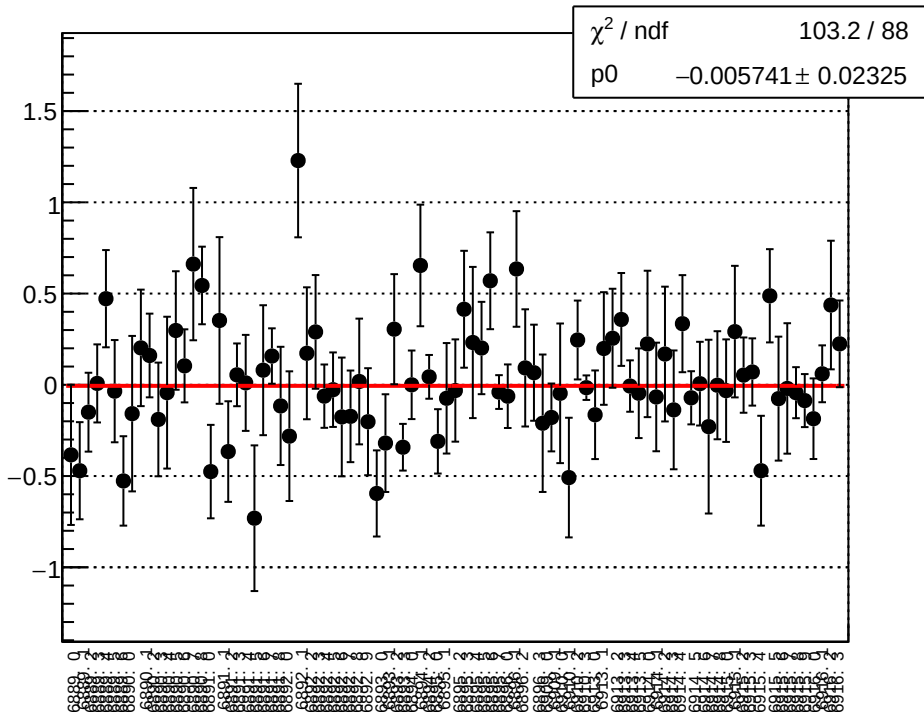
asym_usl_atl1_dd_reg_vs_cor_diff_mean vs run



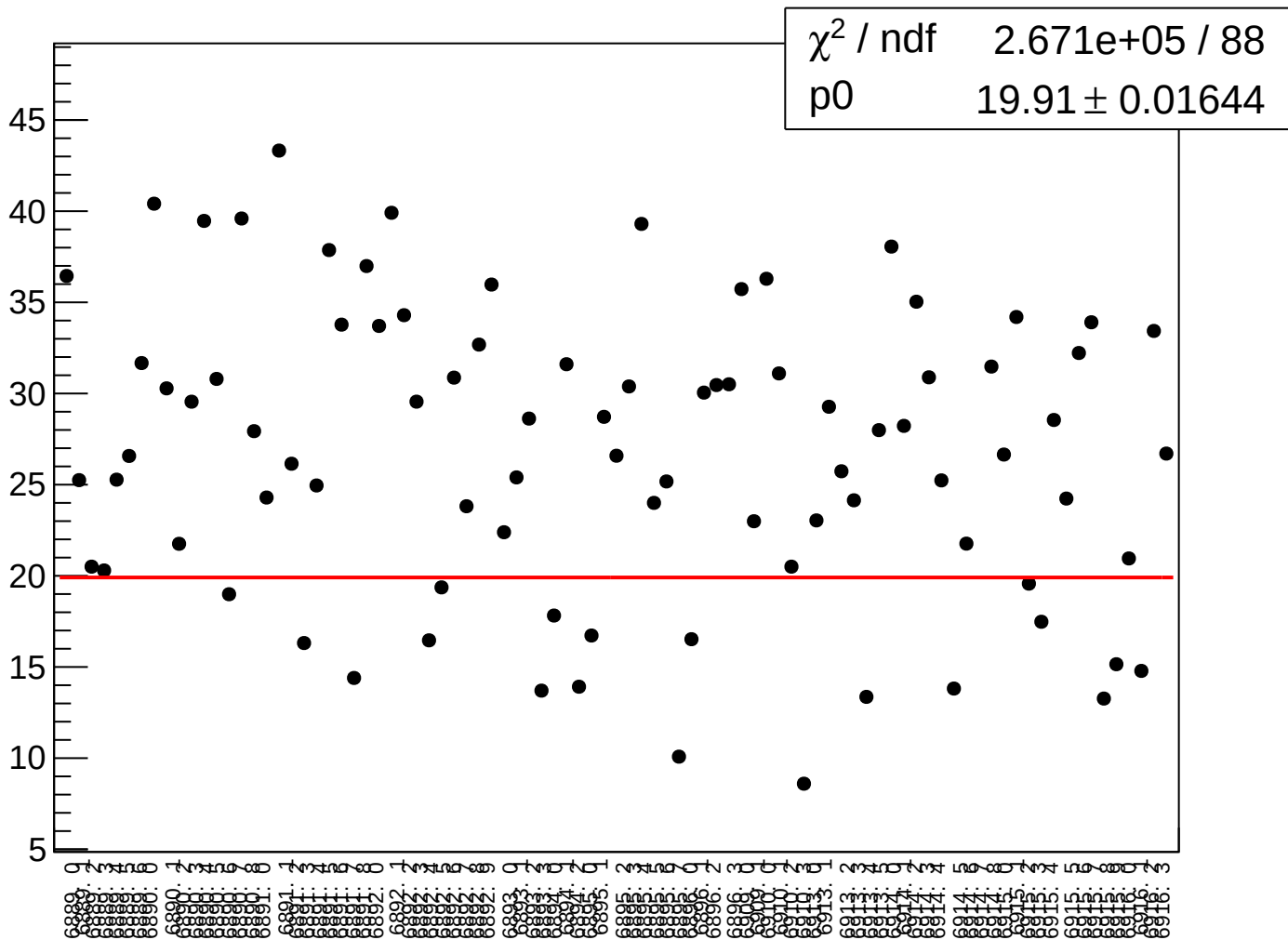
asym_usl_atl1_dd_reg_vs_cor_diff_rms vs run



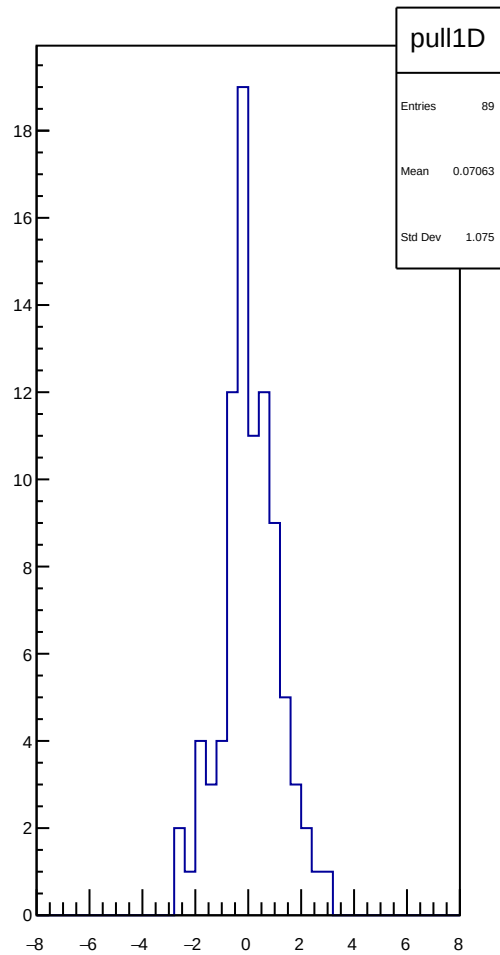
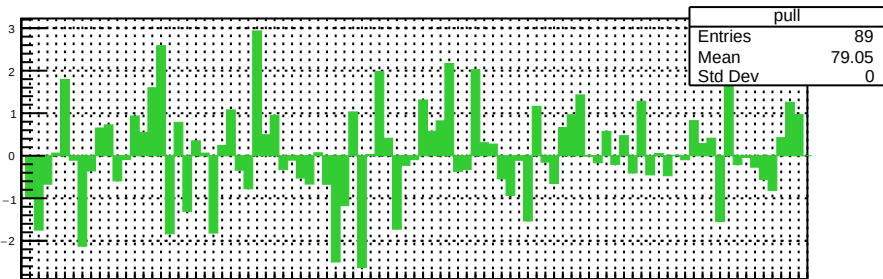
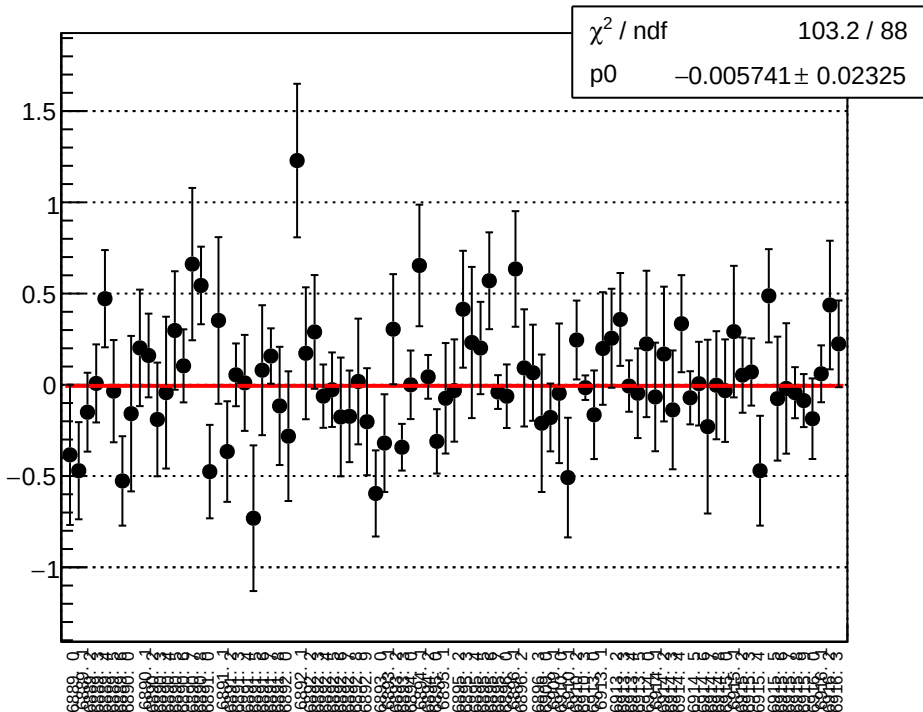
asym usl atl1 dd dit vs cor diff mean vs run



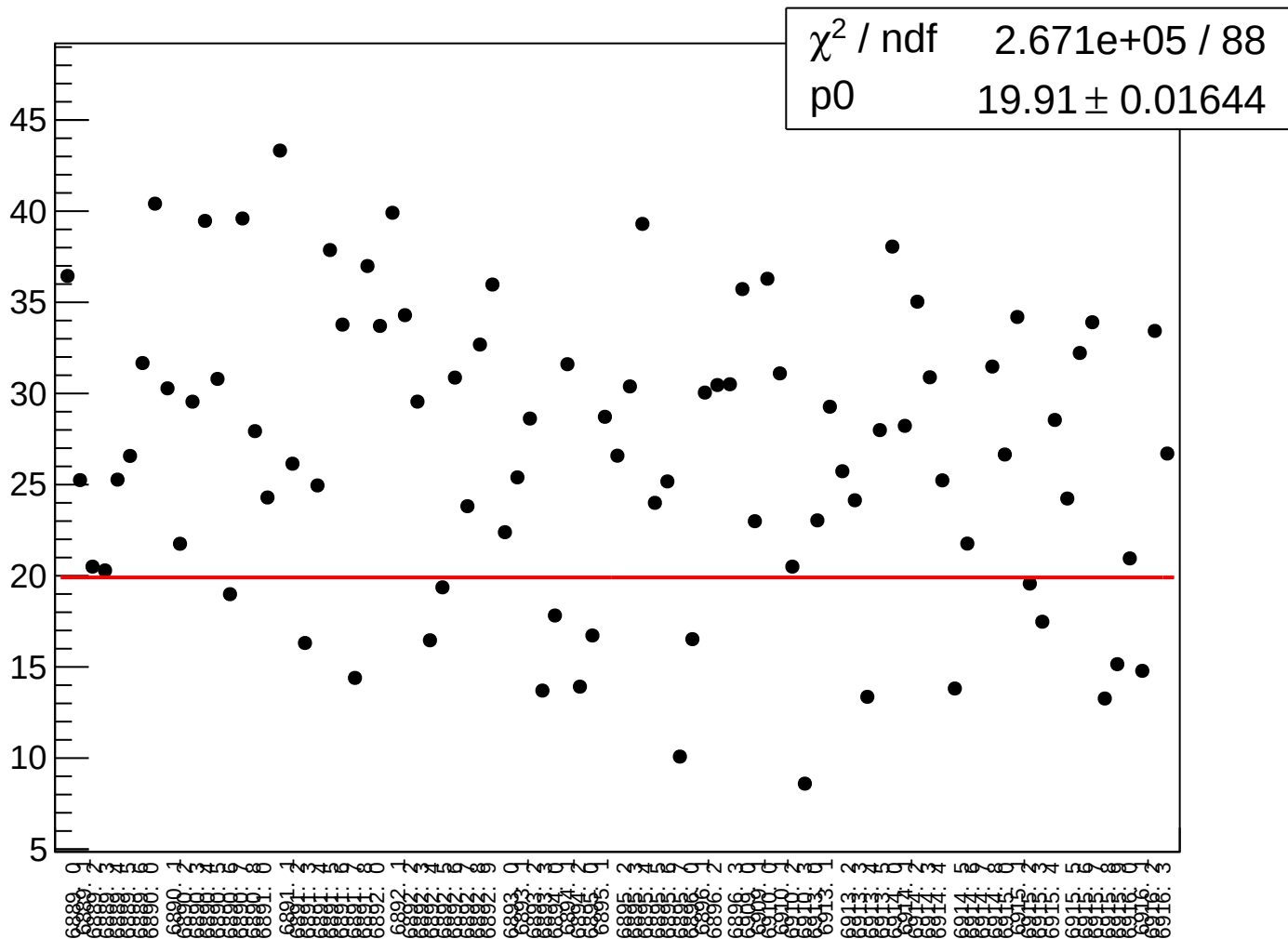
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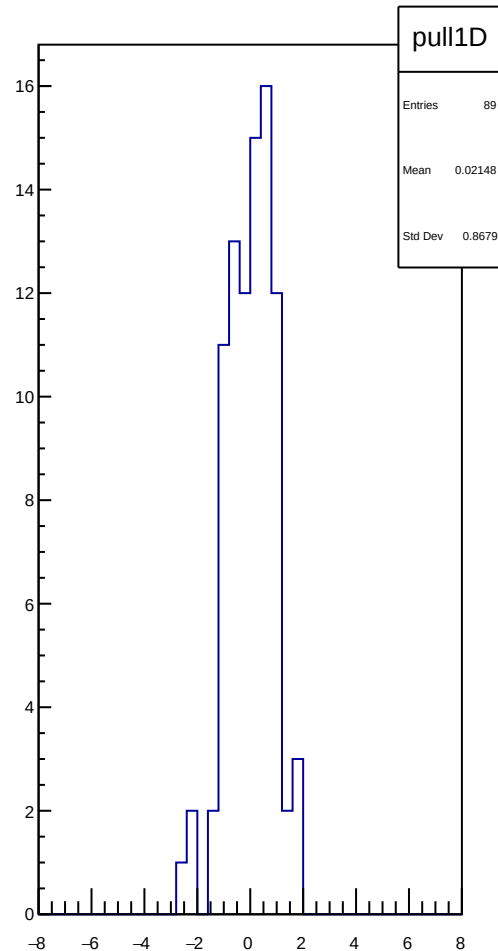
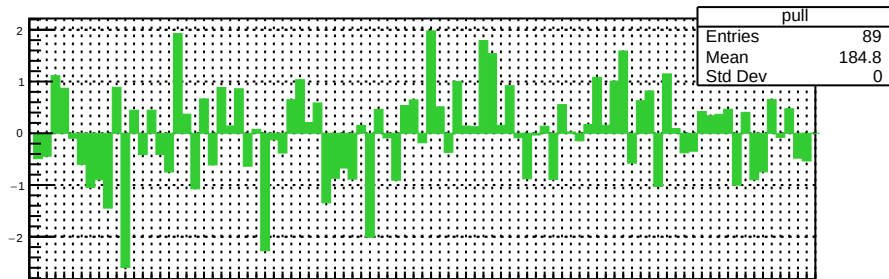
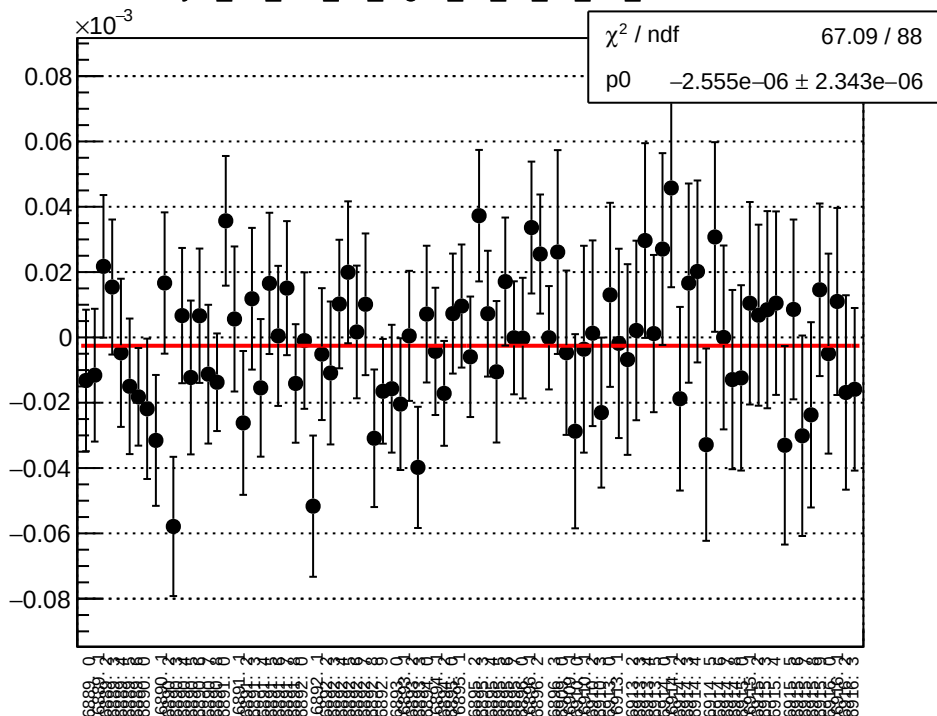
asym usl atl1 dd dit vs eigen cor diff mean vs run



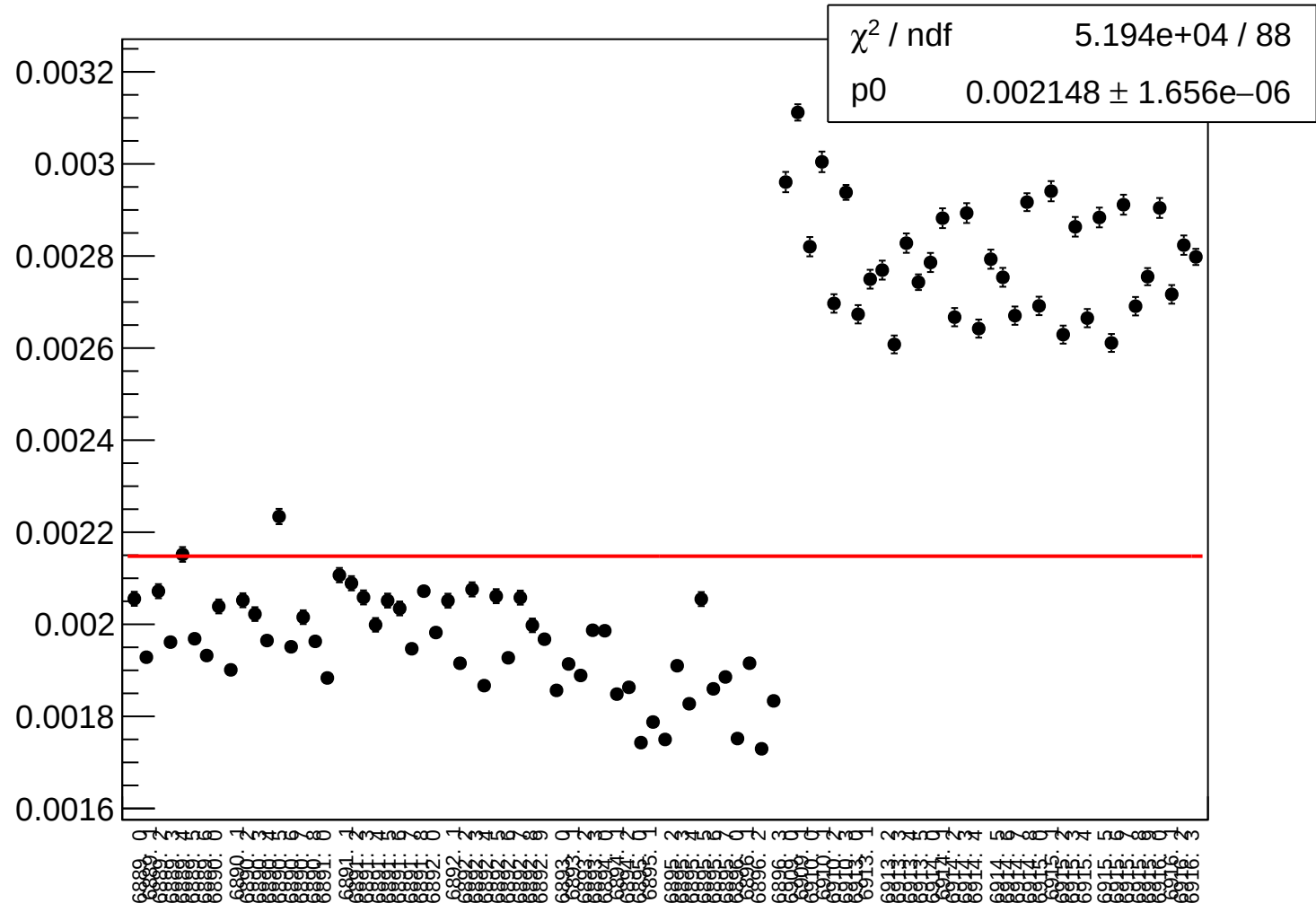
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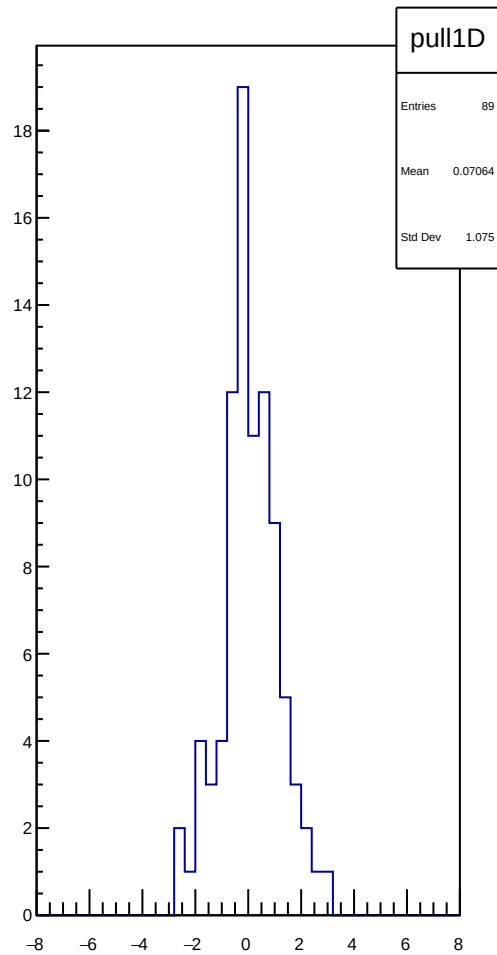
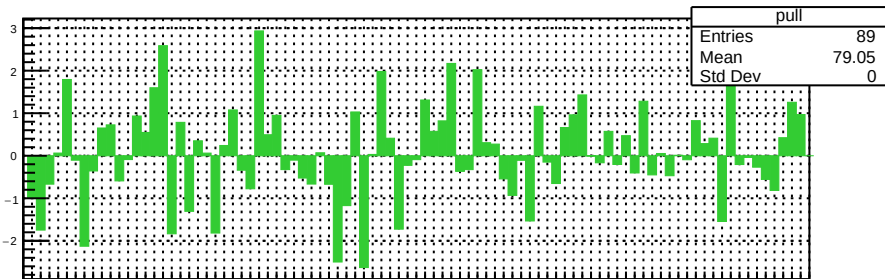
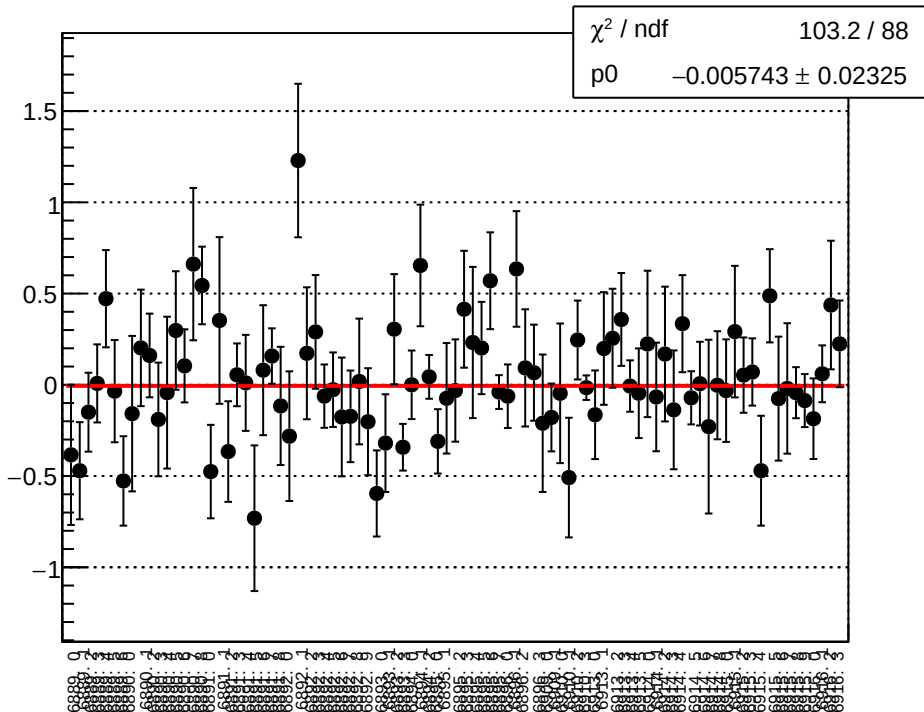
asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs run



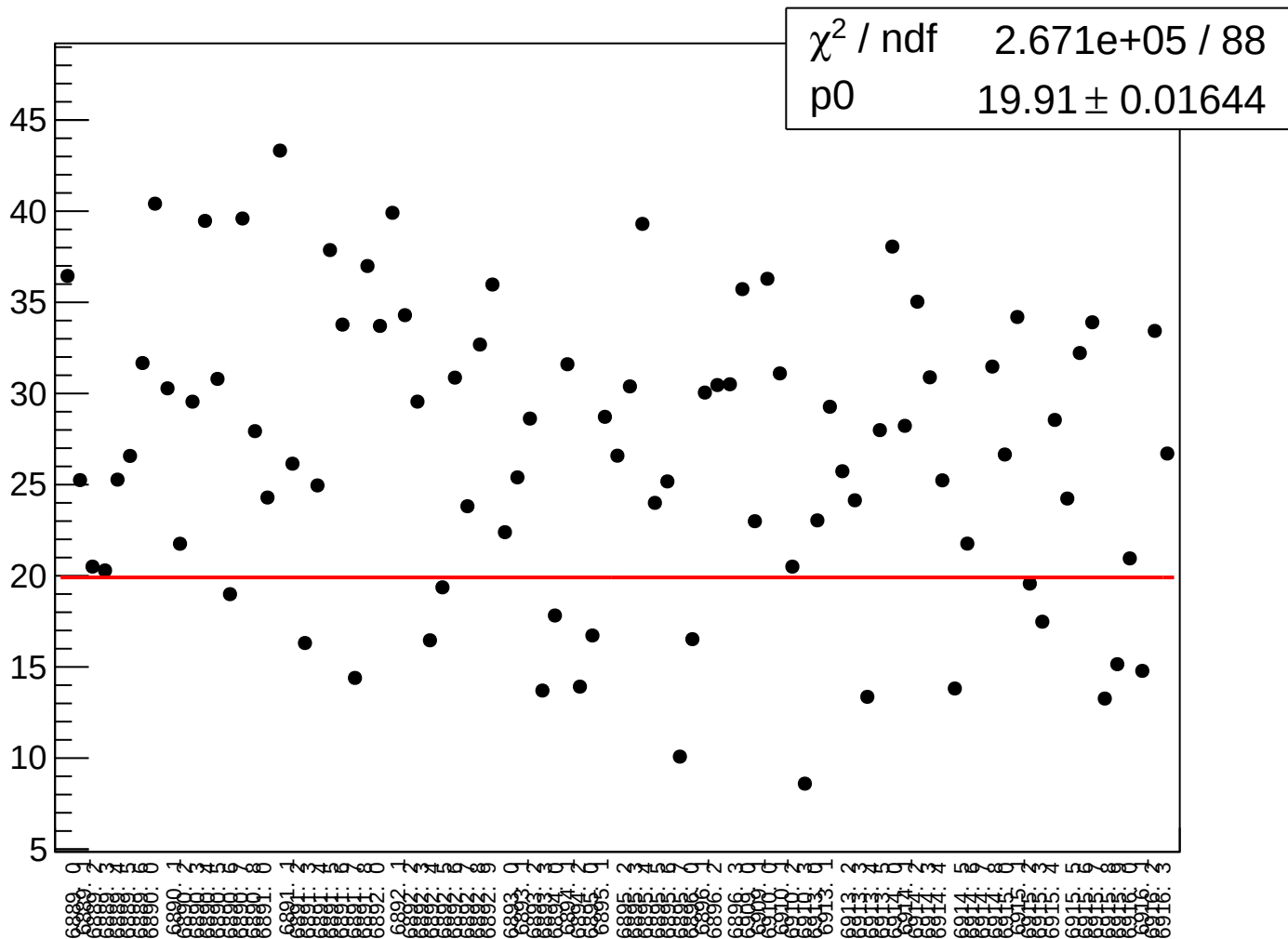
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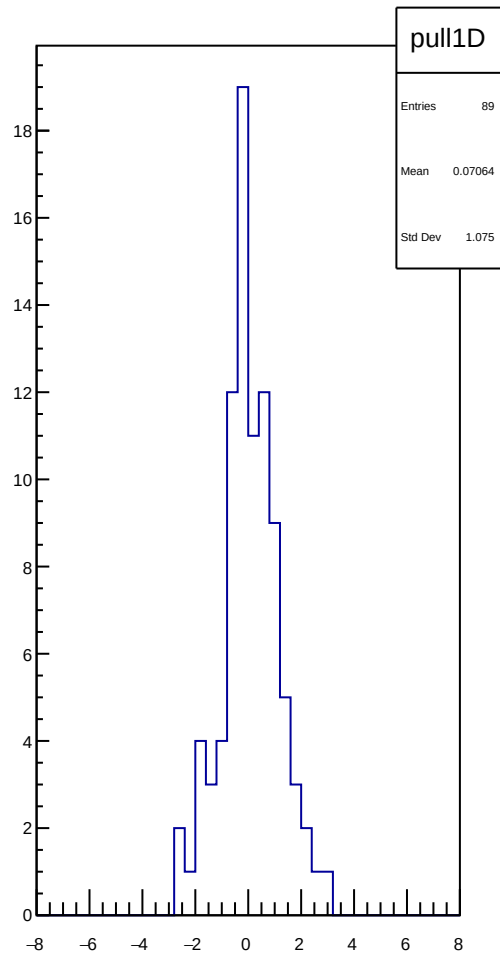
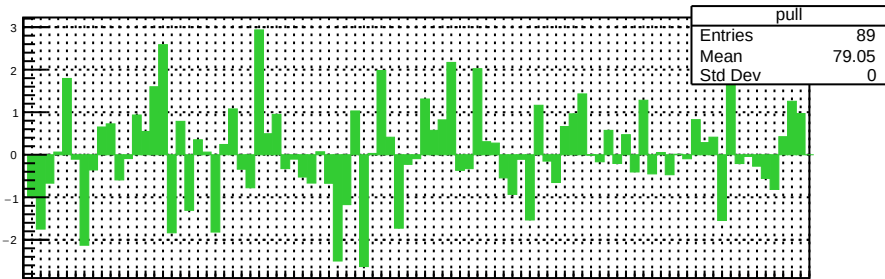
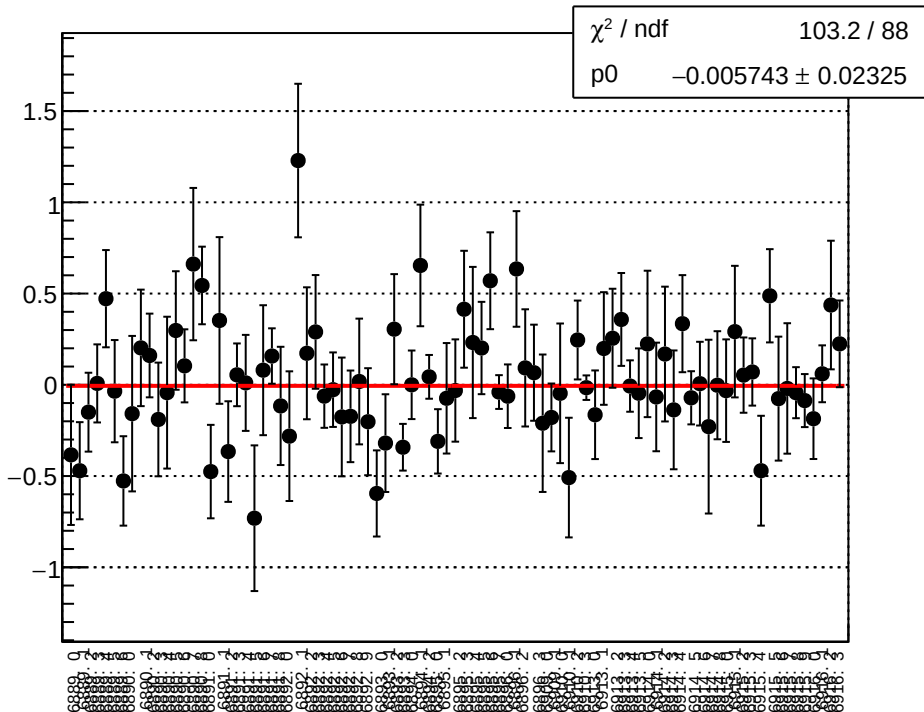
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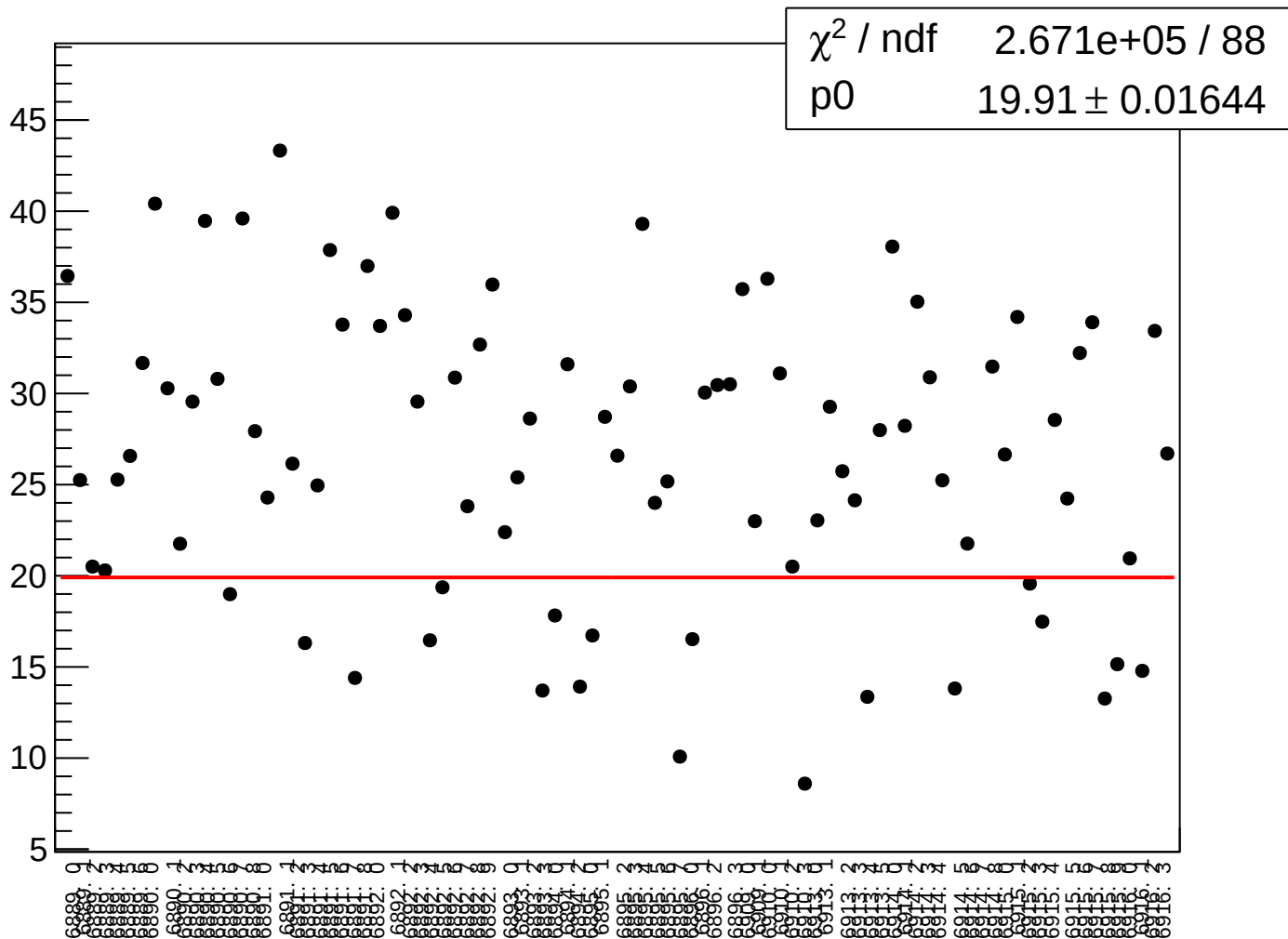
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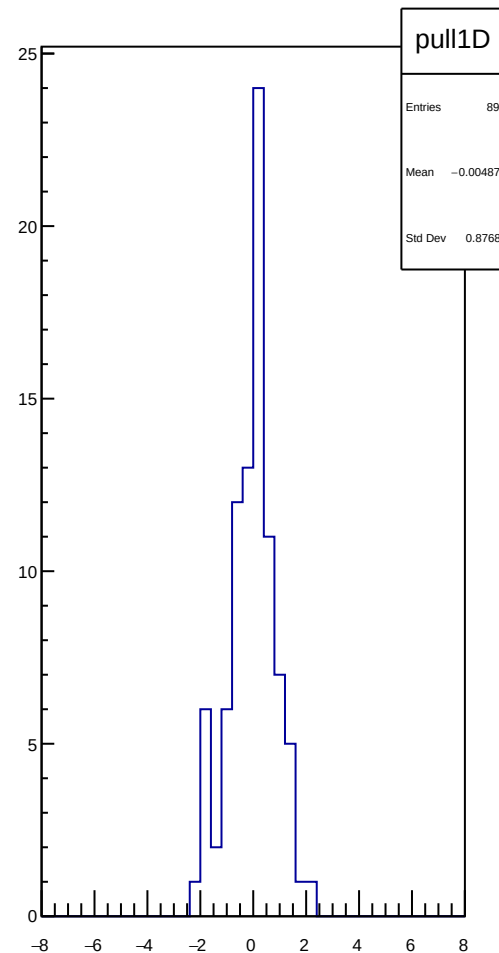
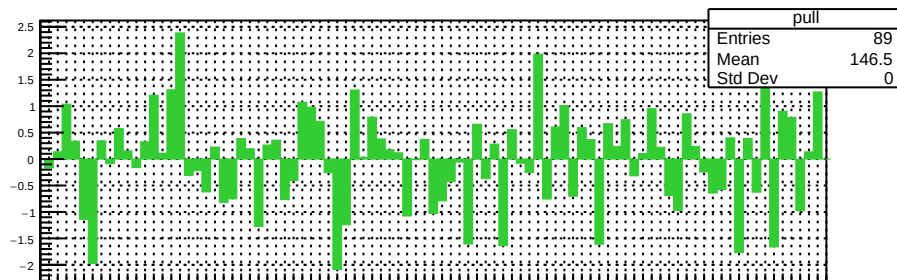
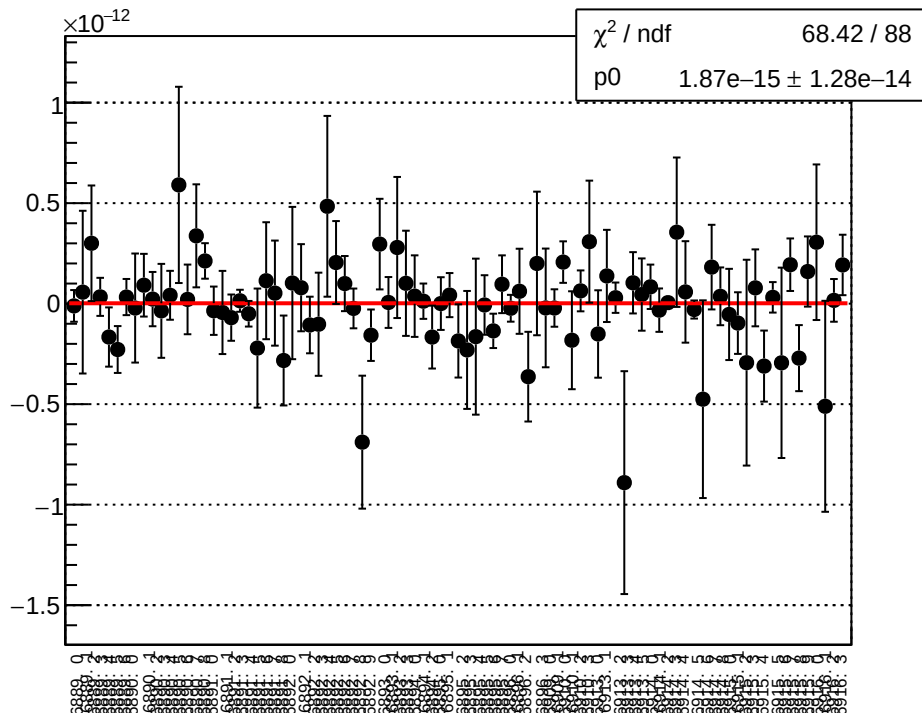
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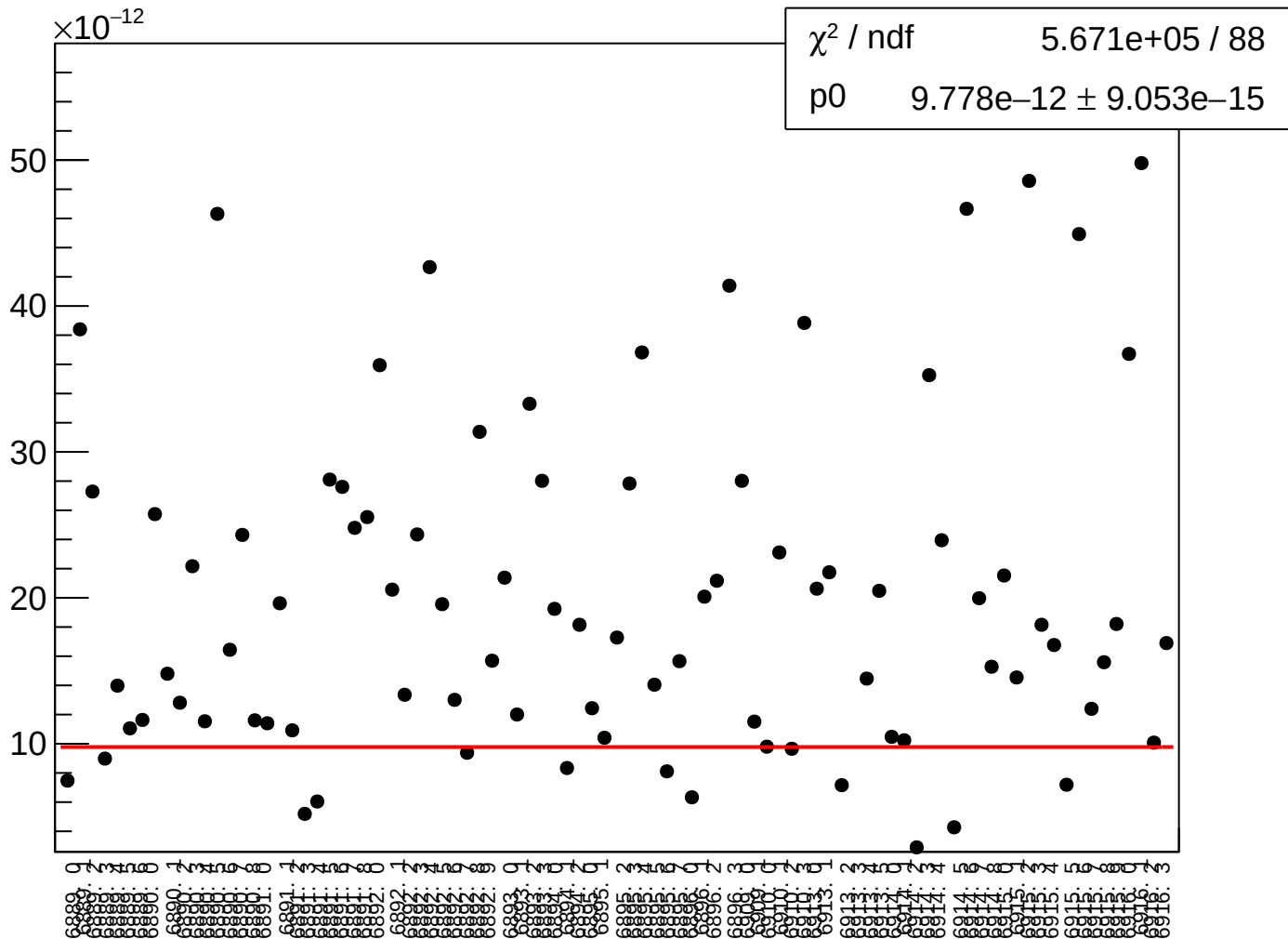
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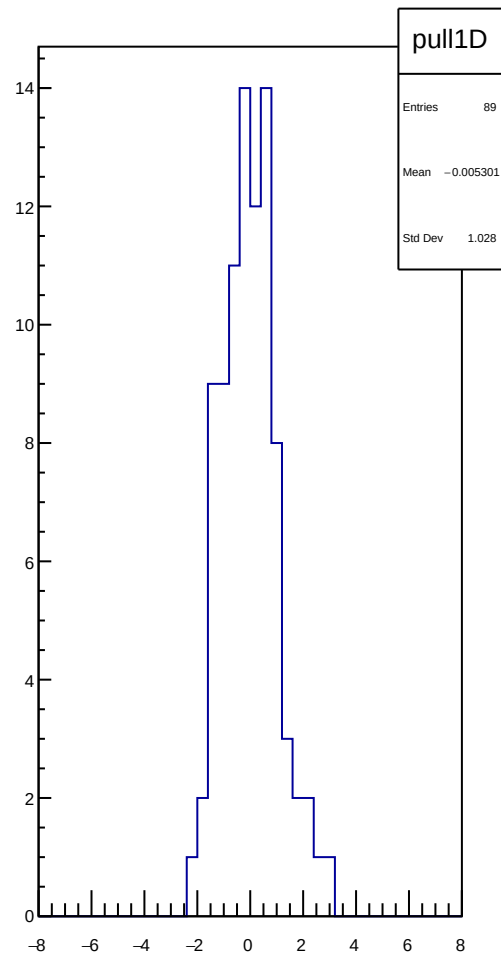
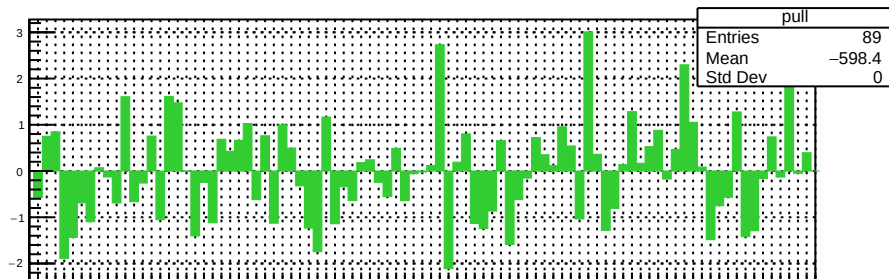
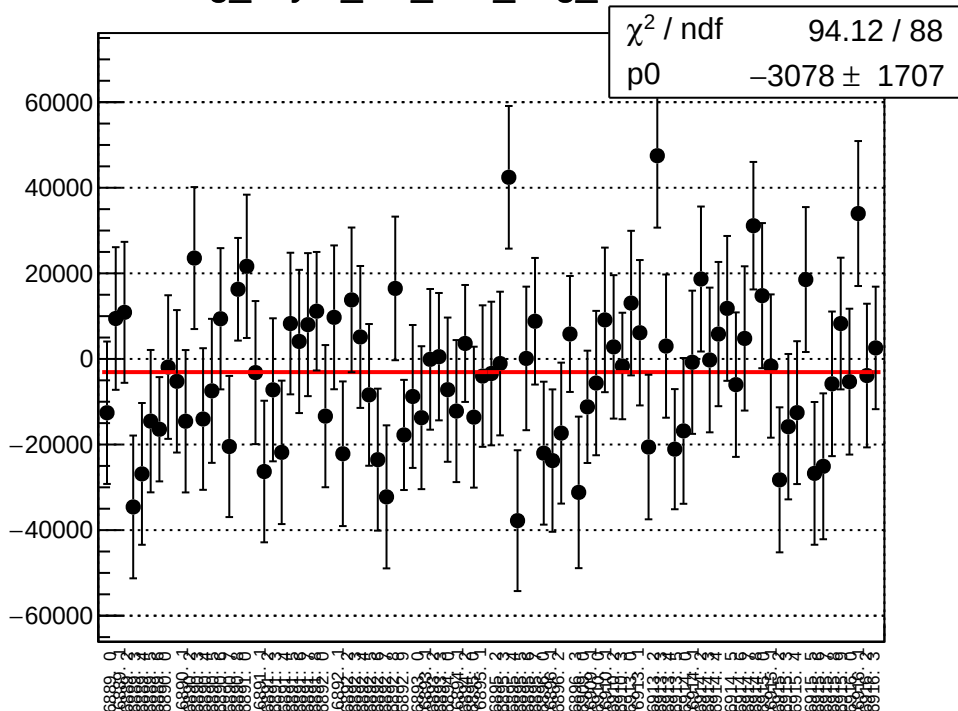
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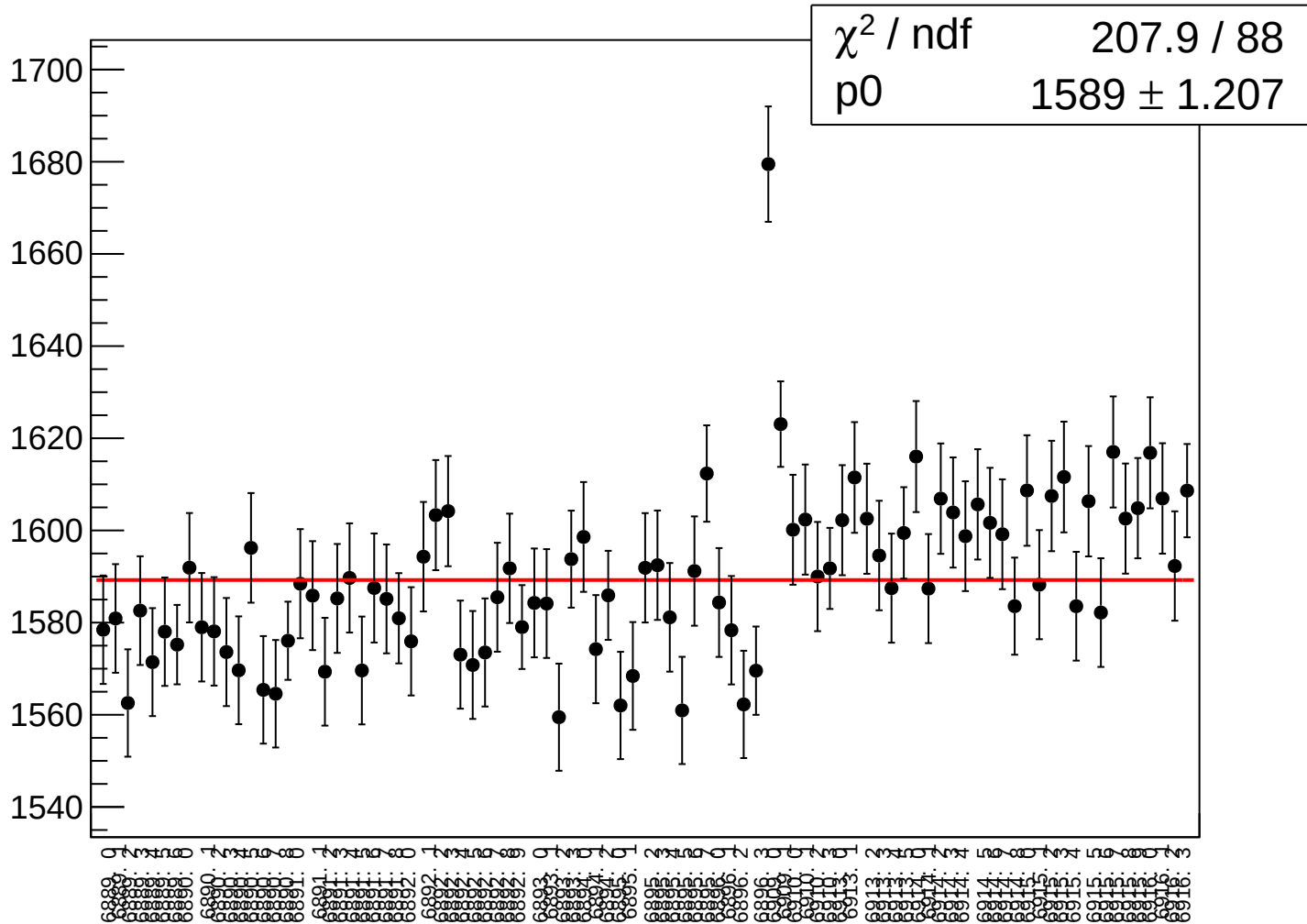
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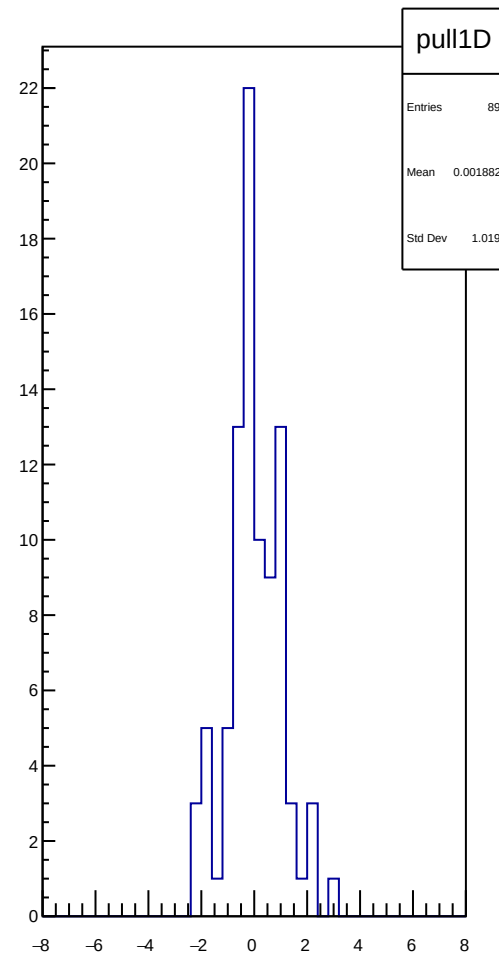
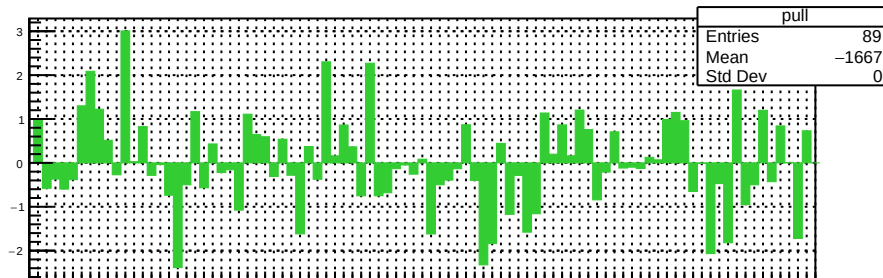
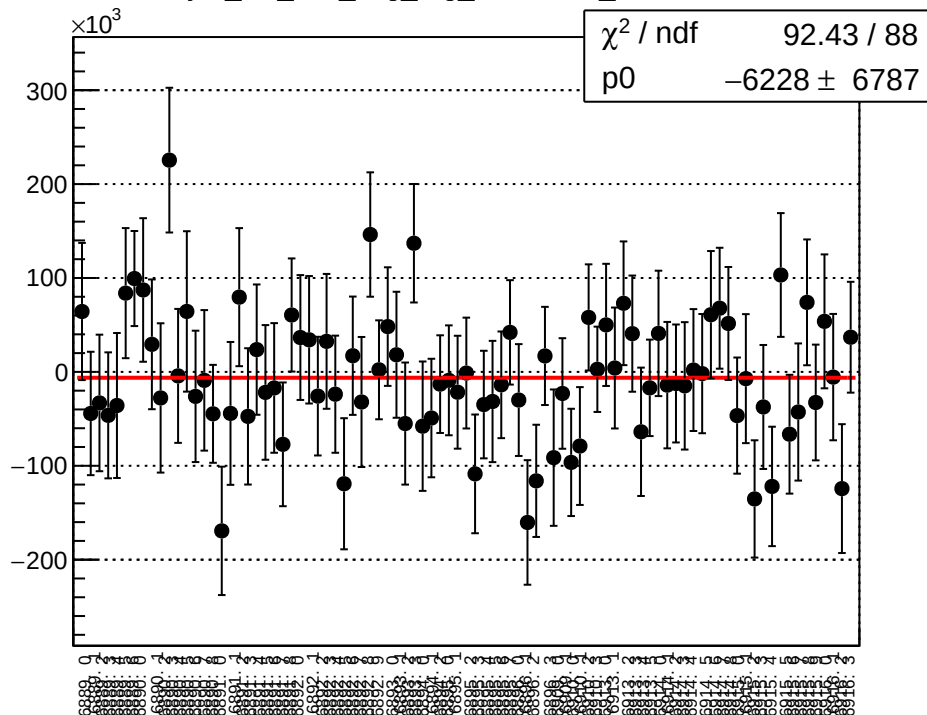
reg_asym_usl_atl2_avg_mean vs run



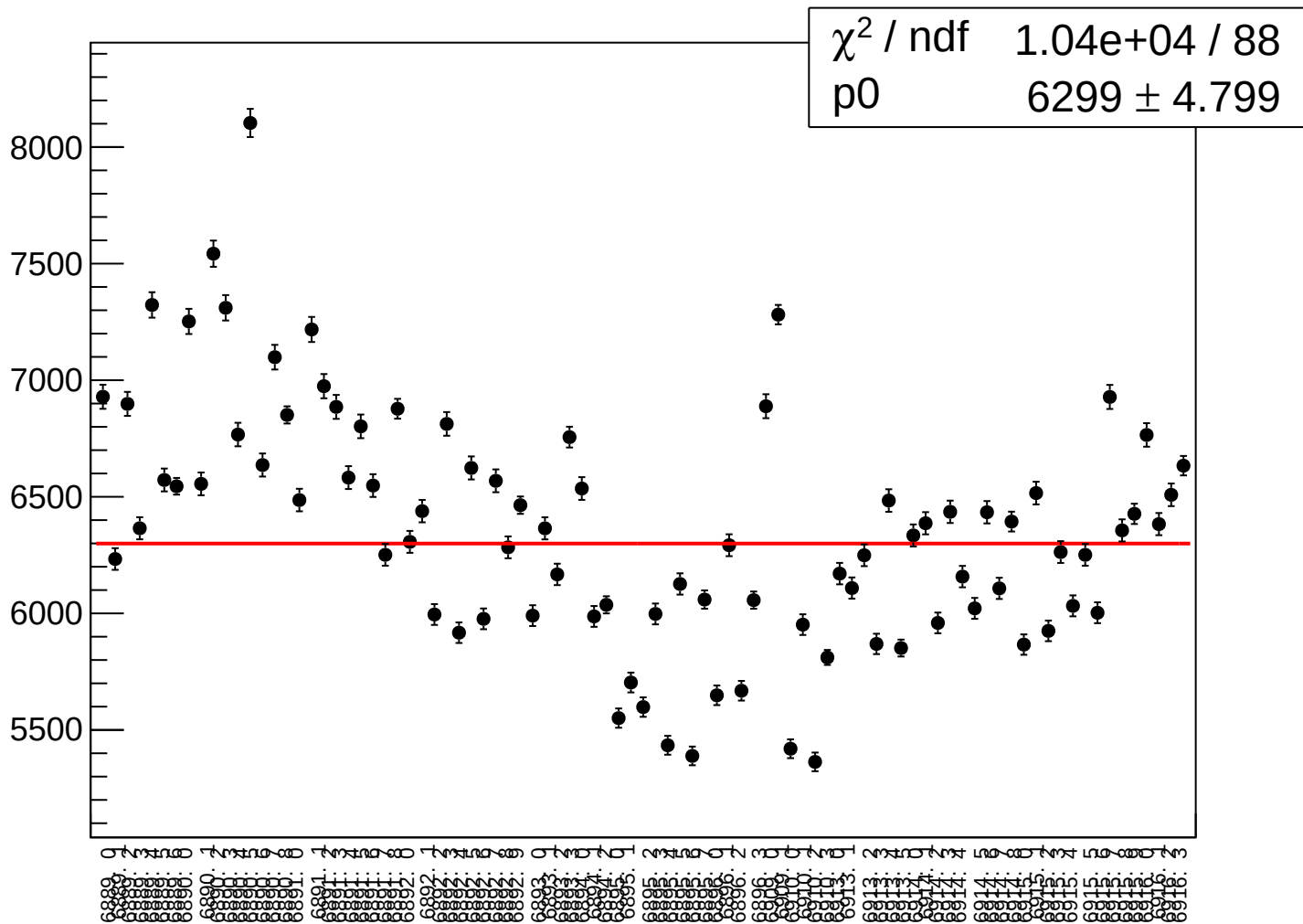
reg_asym_usl_atl2_avg_rms vs run



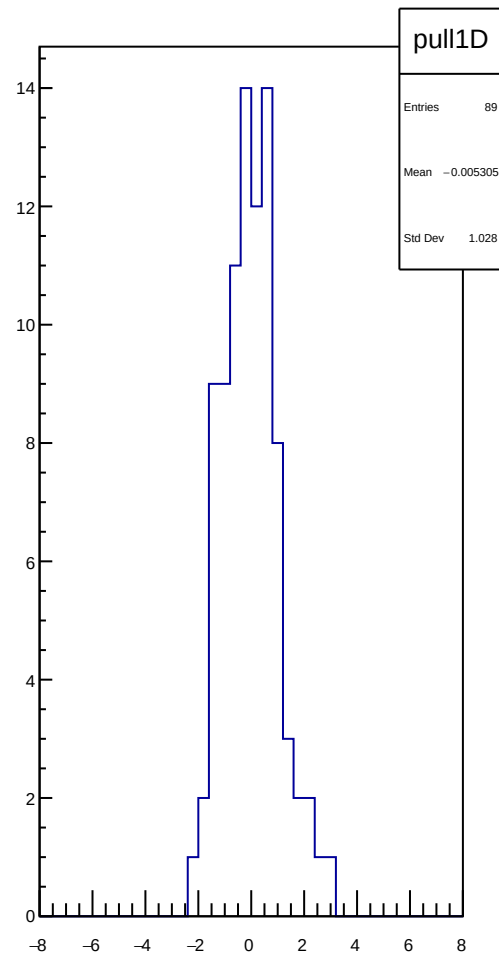
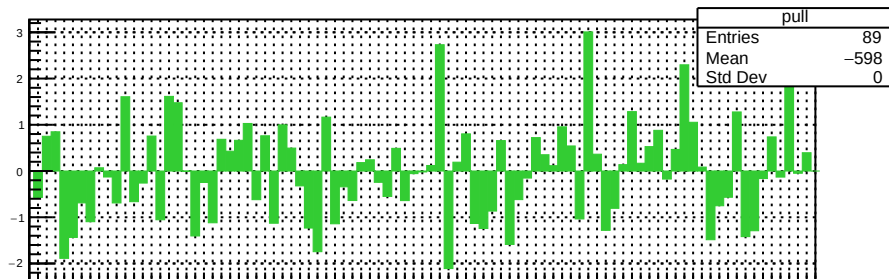
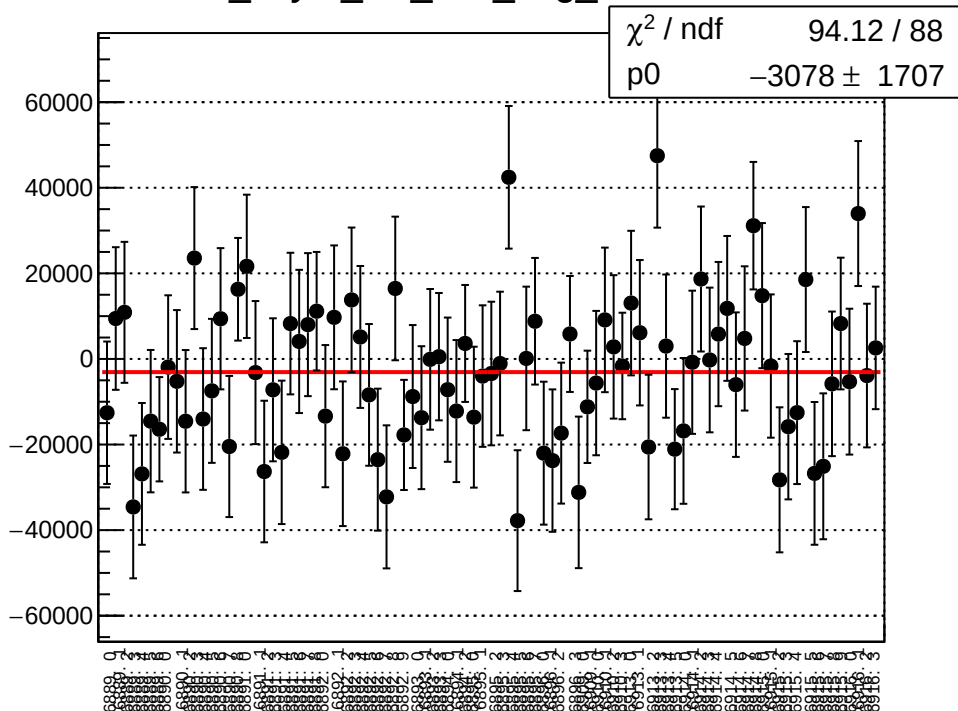
asym_usl_atl2_avg_reg_correction_mean vs run



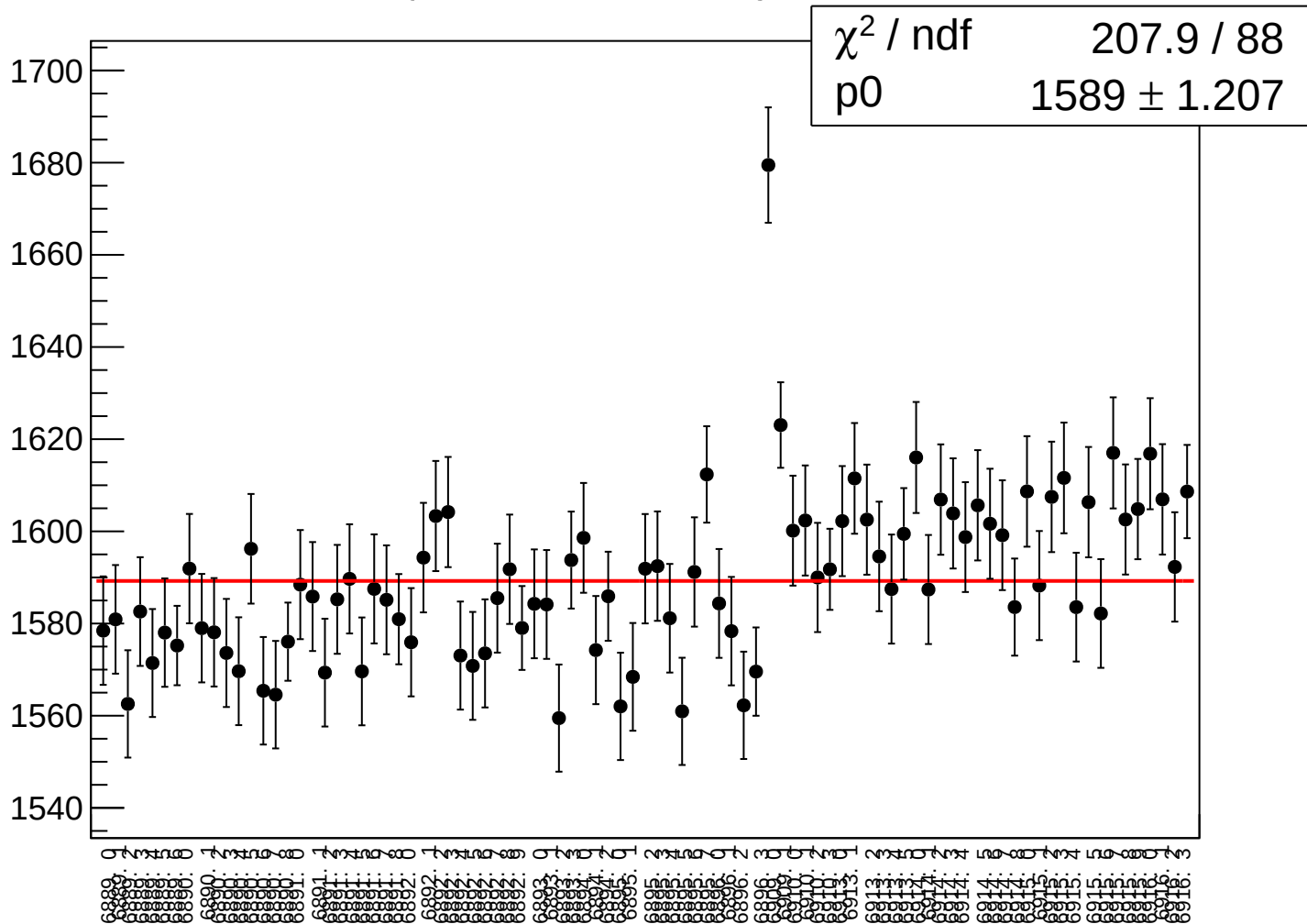
asym_usl_atl2_avg_reg_correction_rms vs run



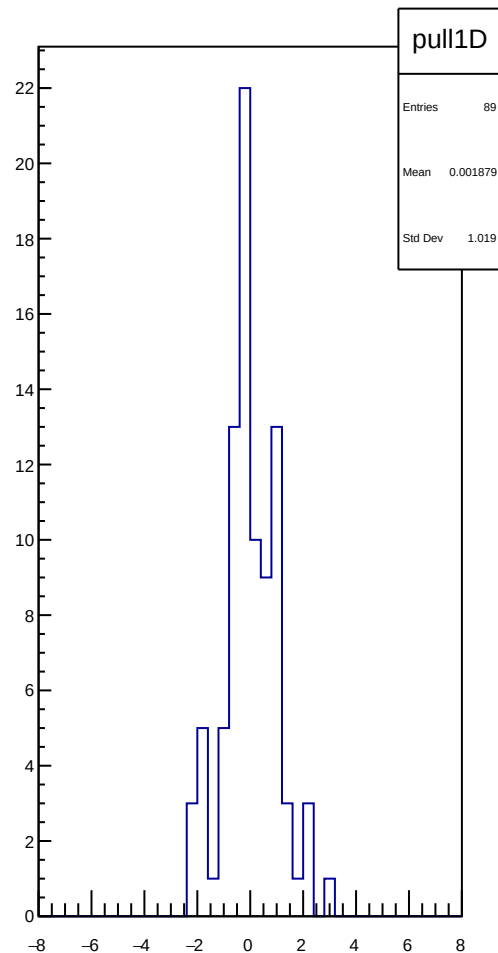
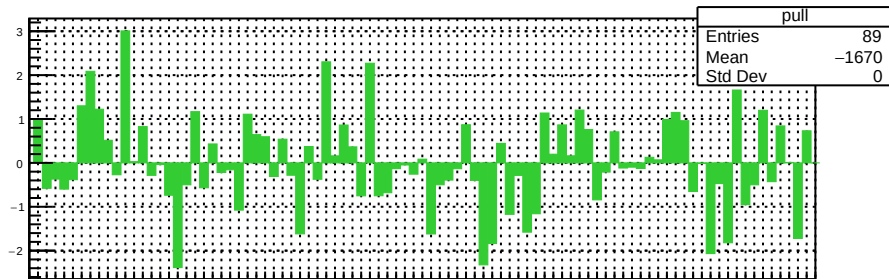
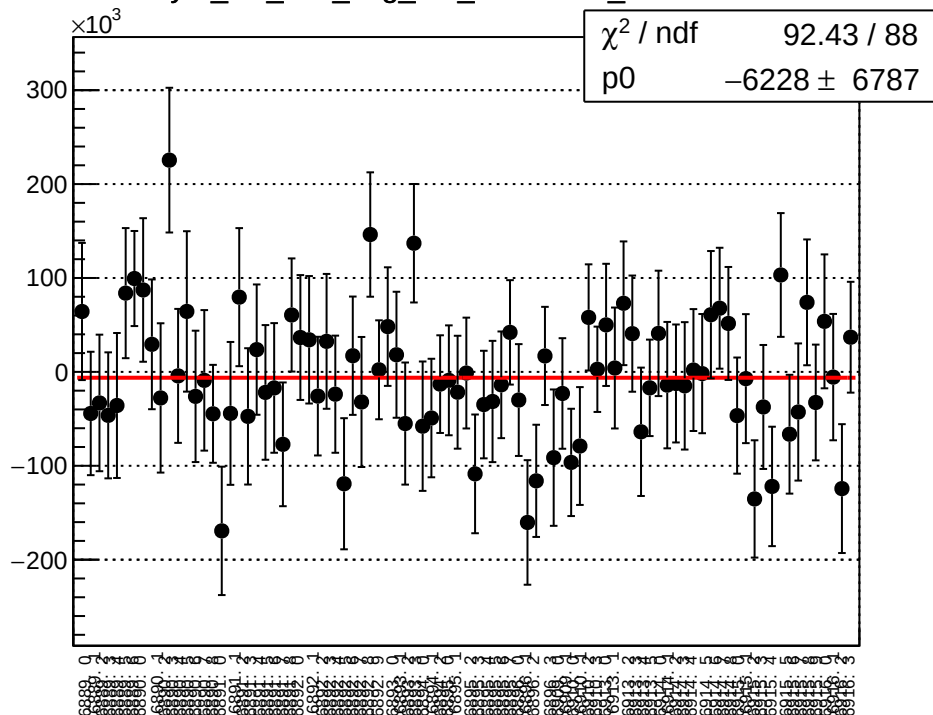
cor_asym_usl_atl2_avg_mean vs run



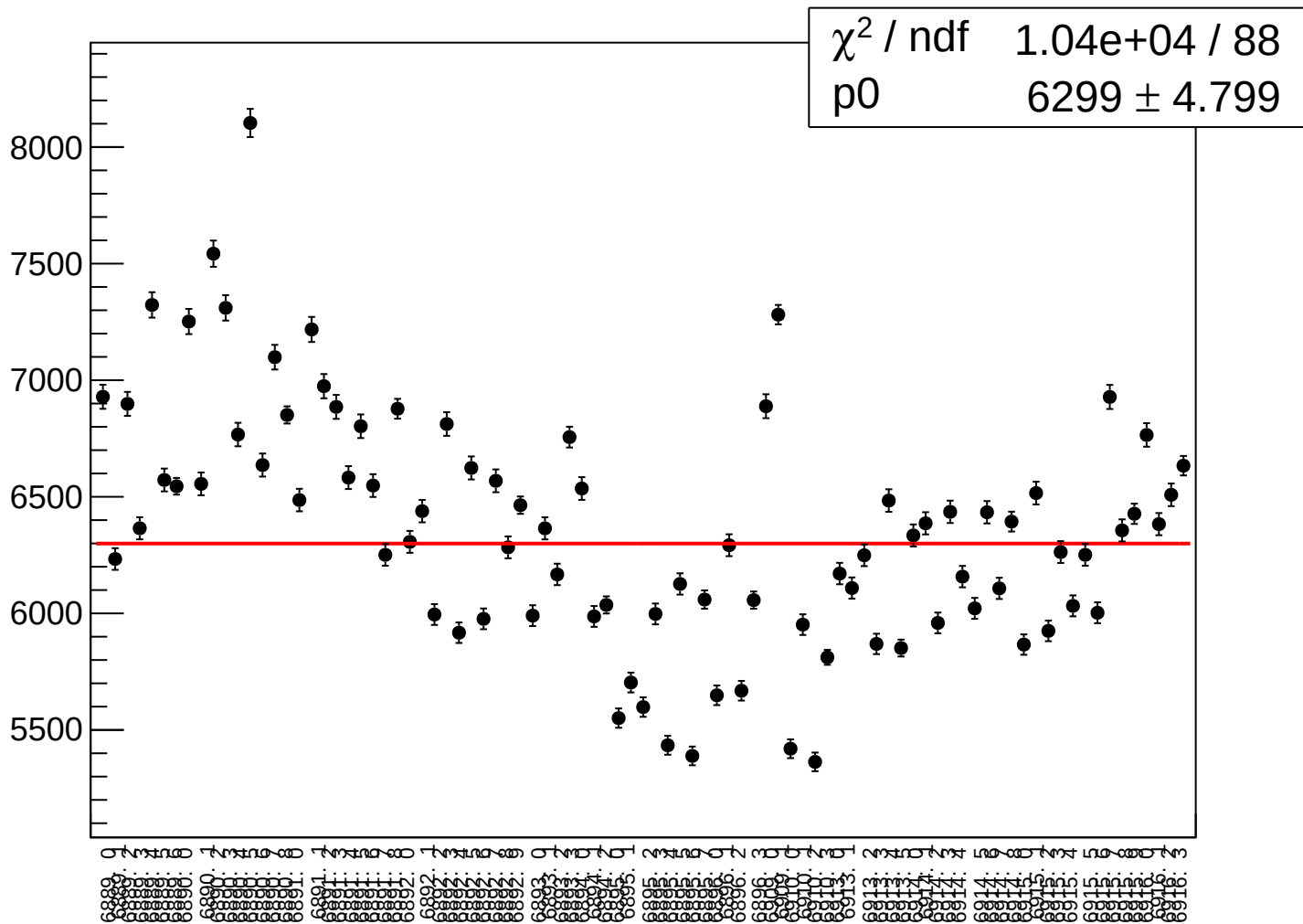
cor_asym_usl_atl2_avg_rms vs run



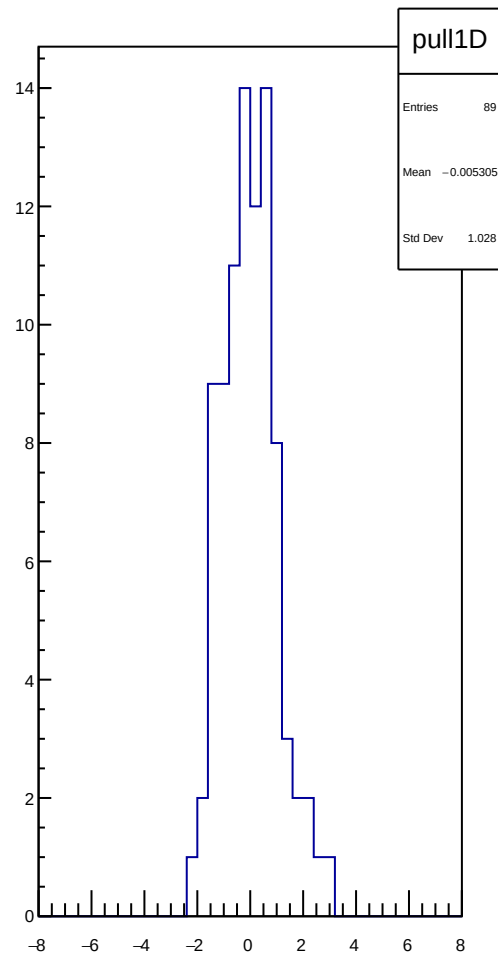
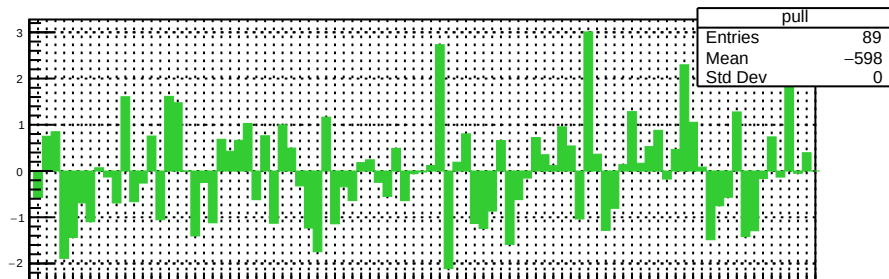
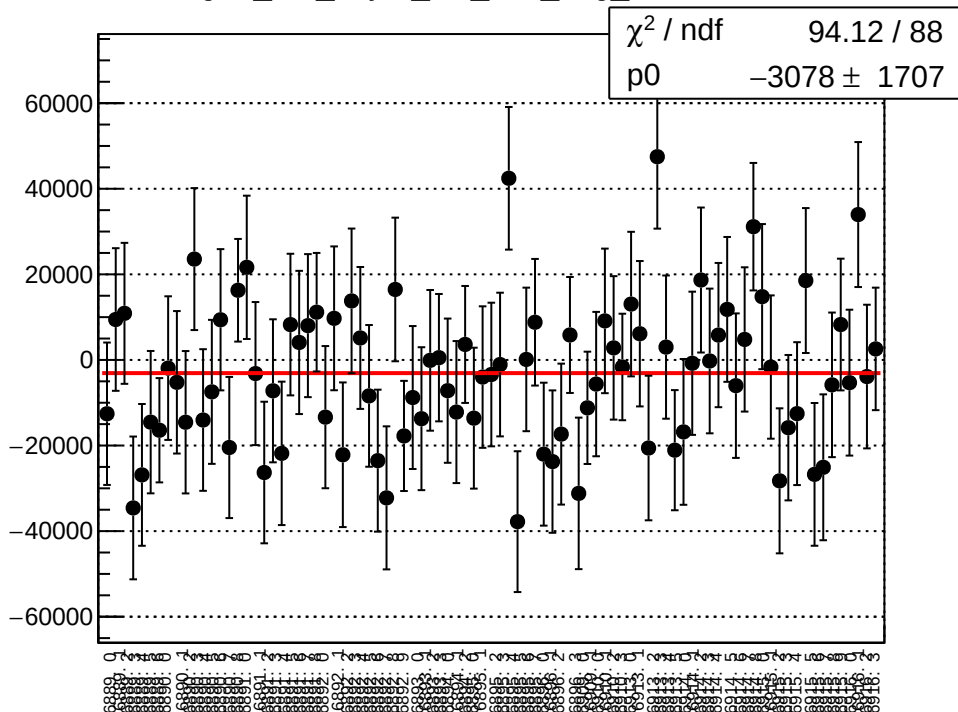
asym_usl_atl2_avg_cor_correction_mean vs run



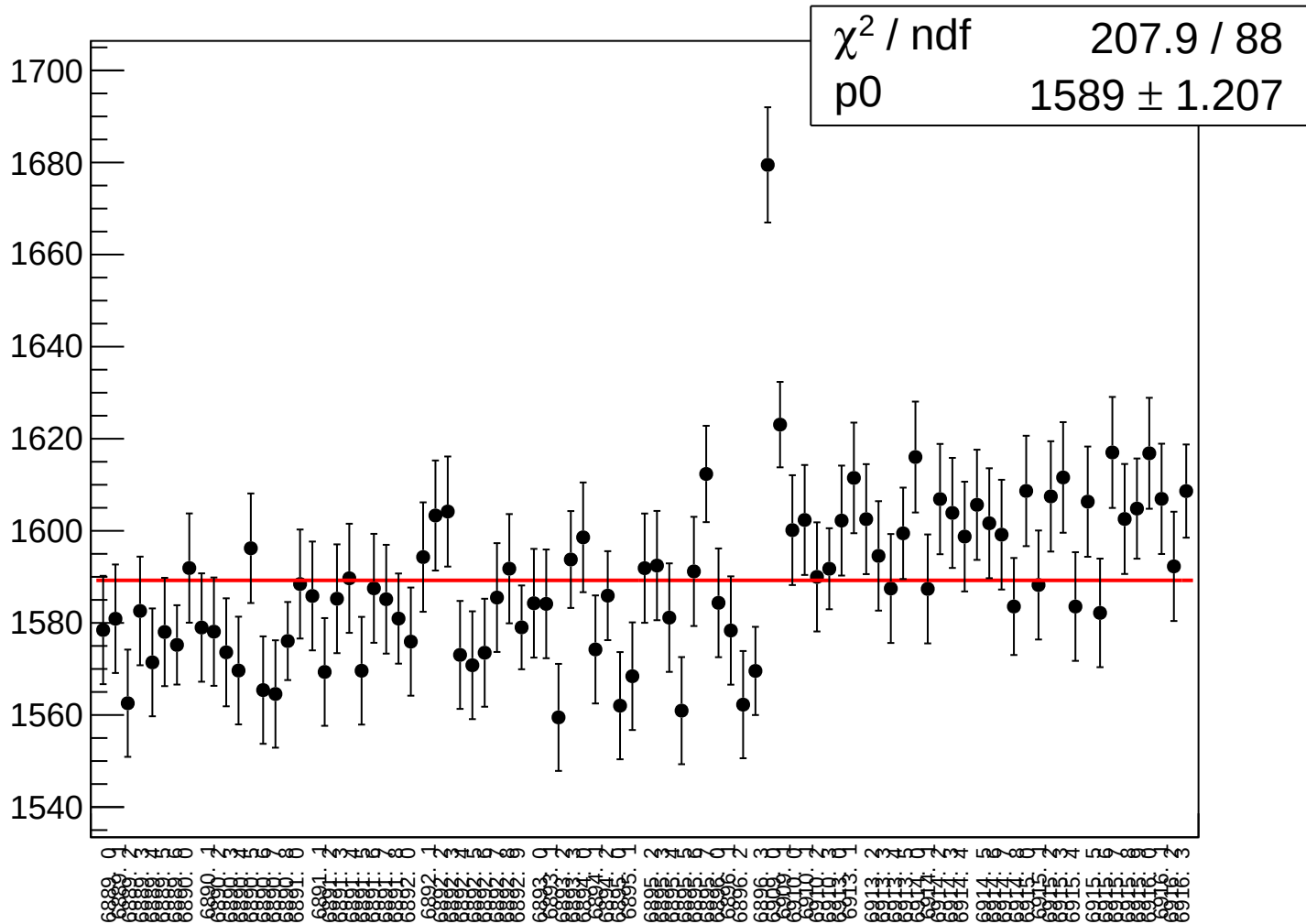
asym_usl_atl2_avg_cor_correction_rms vs run



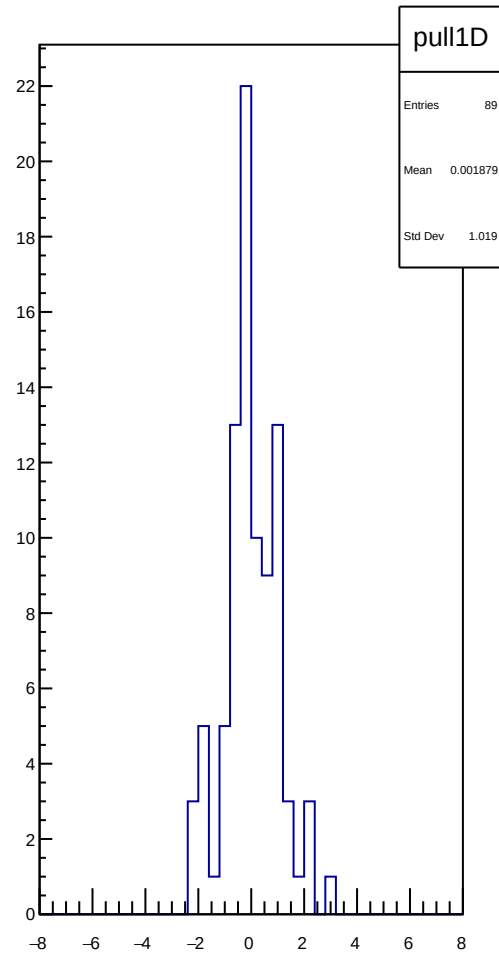
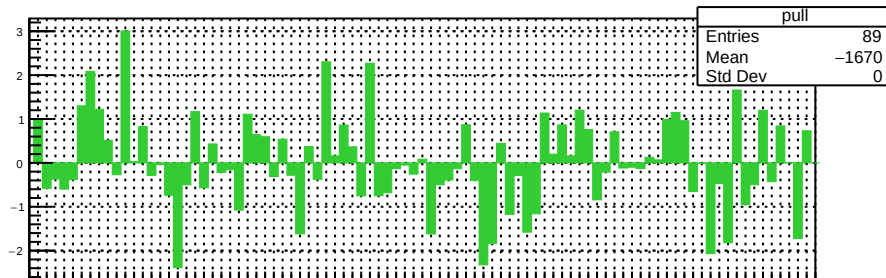
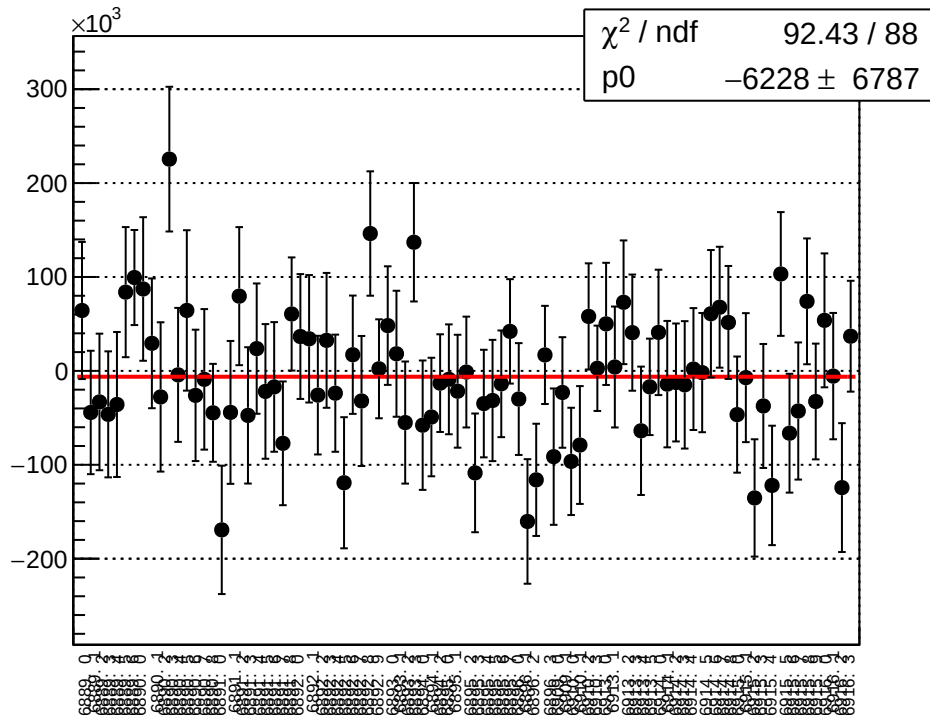
eigen_cor_asym_usl_atl2_avg_mean vs run



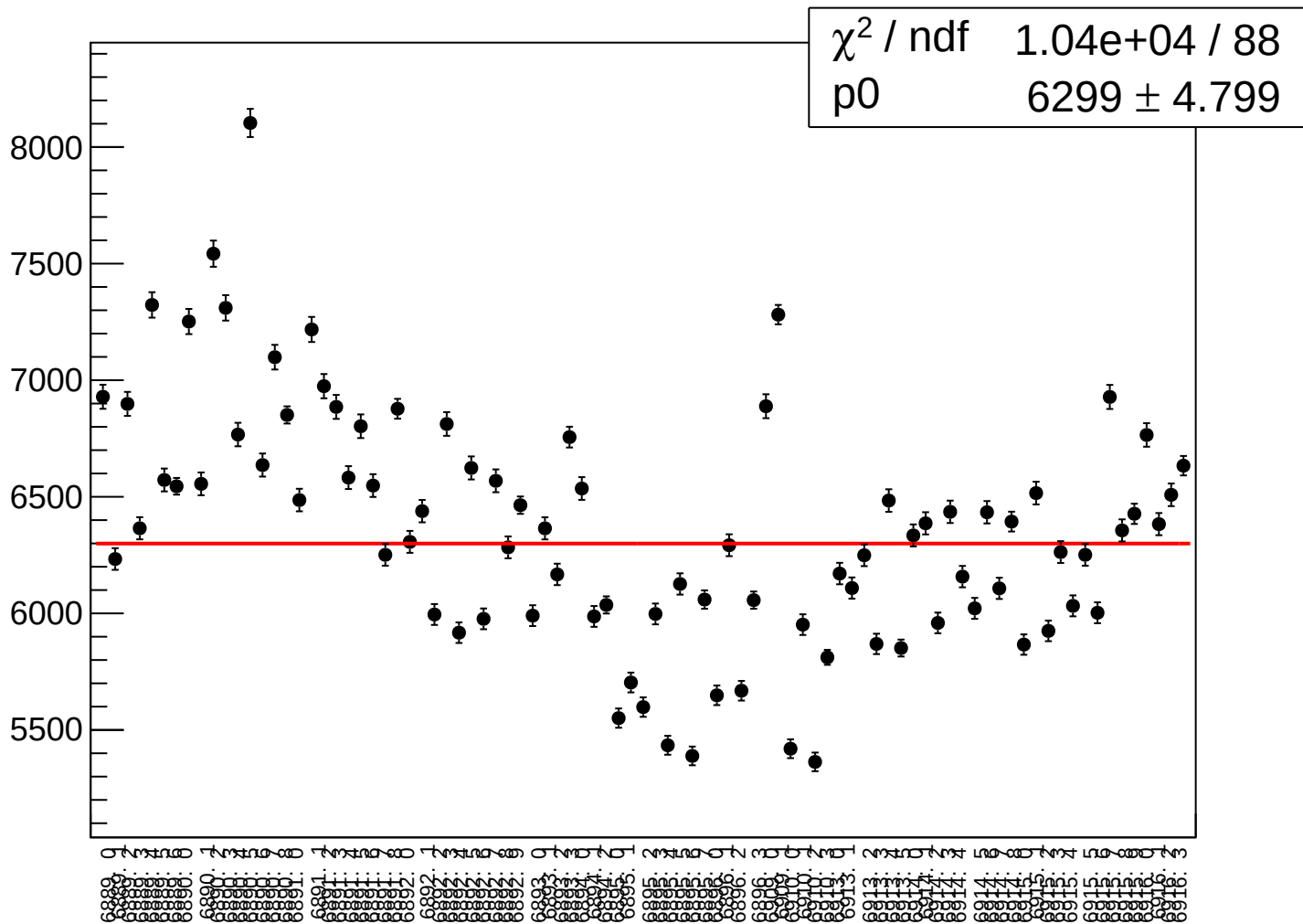
eigen_cor_asym_usl_atl2_avg_rms vs run



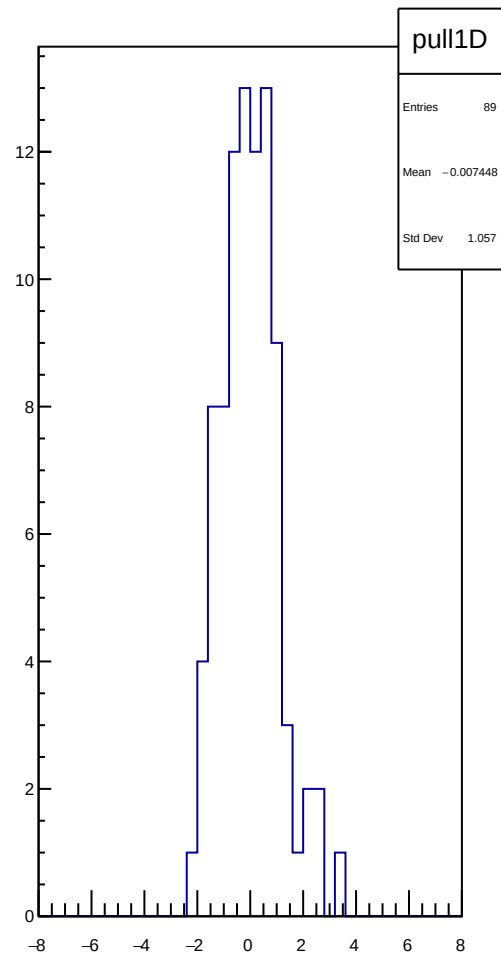
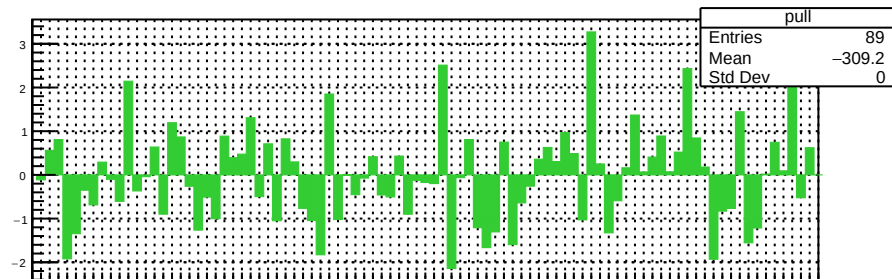
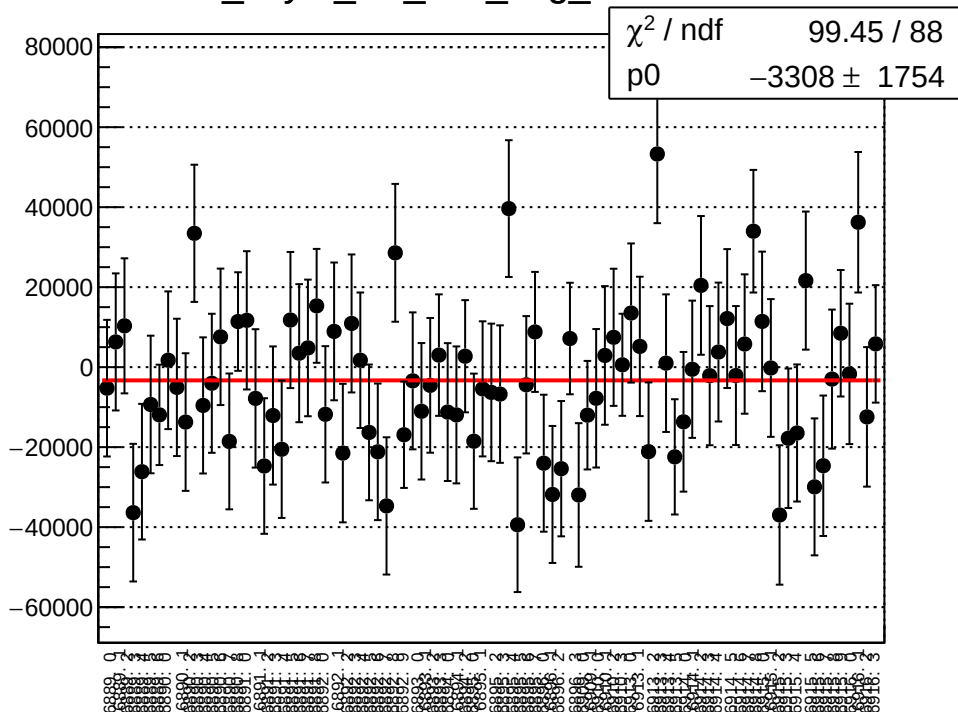
asym_usl_atl2_avg_eigen_cor_correction_mean vs run



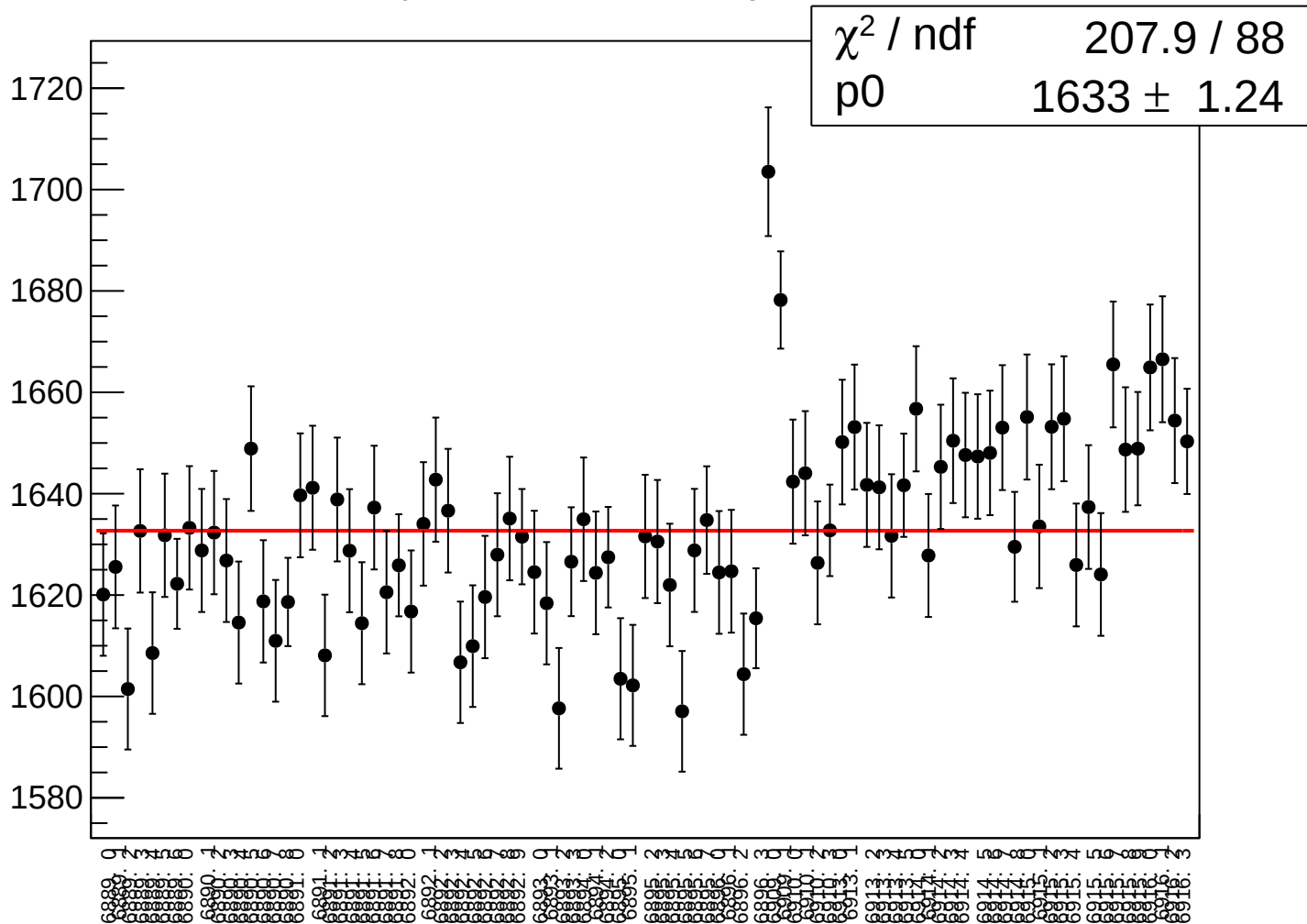
asym_usl_atl2_avg_eigen_cor_correction_rms vs run



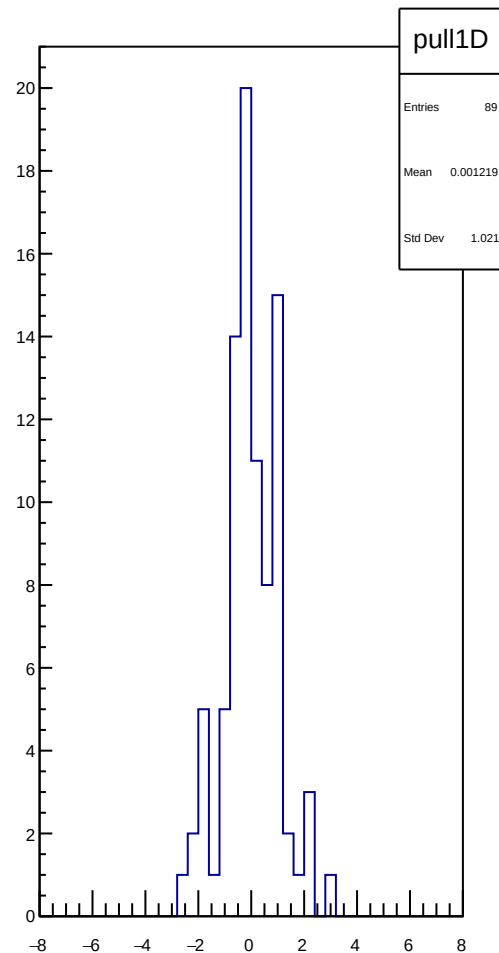
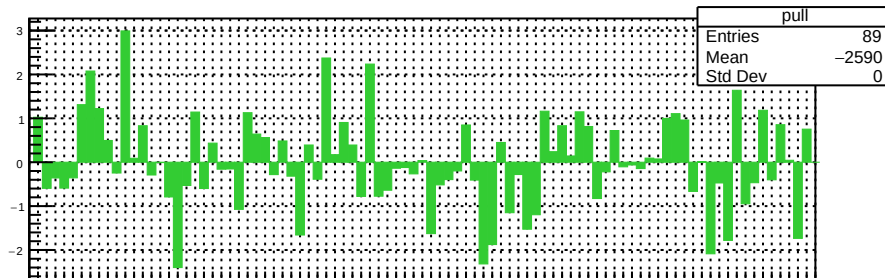
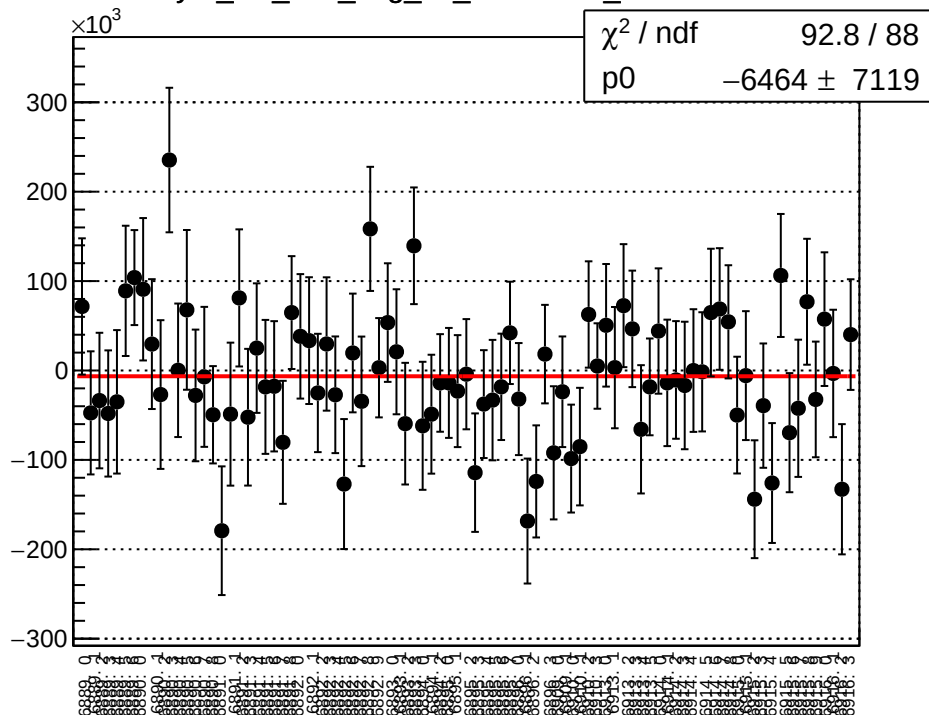
dit_asym_usl_atl2_avg_mean vs run



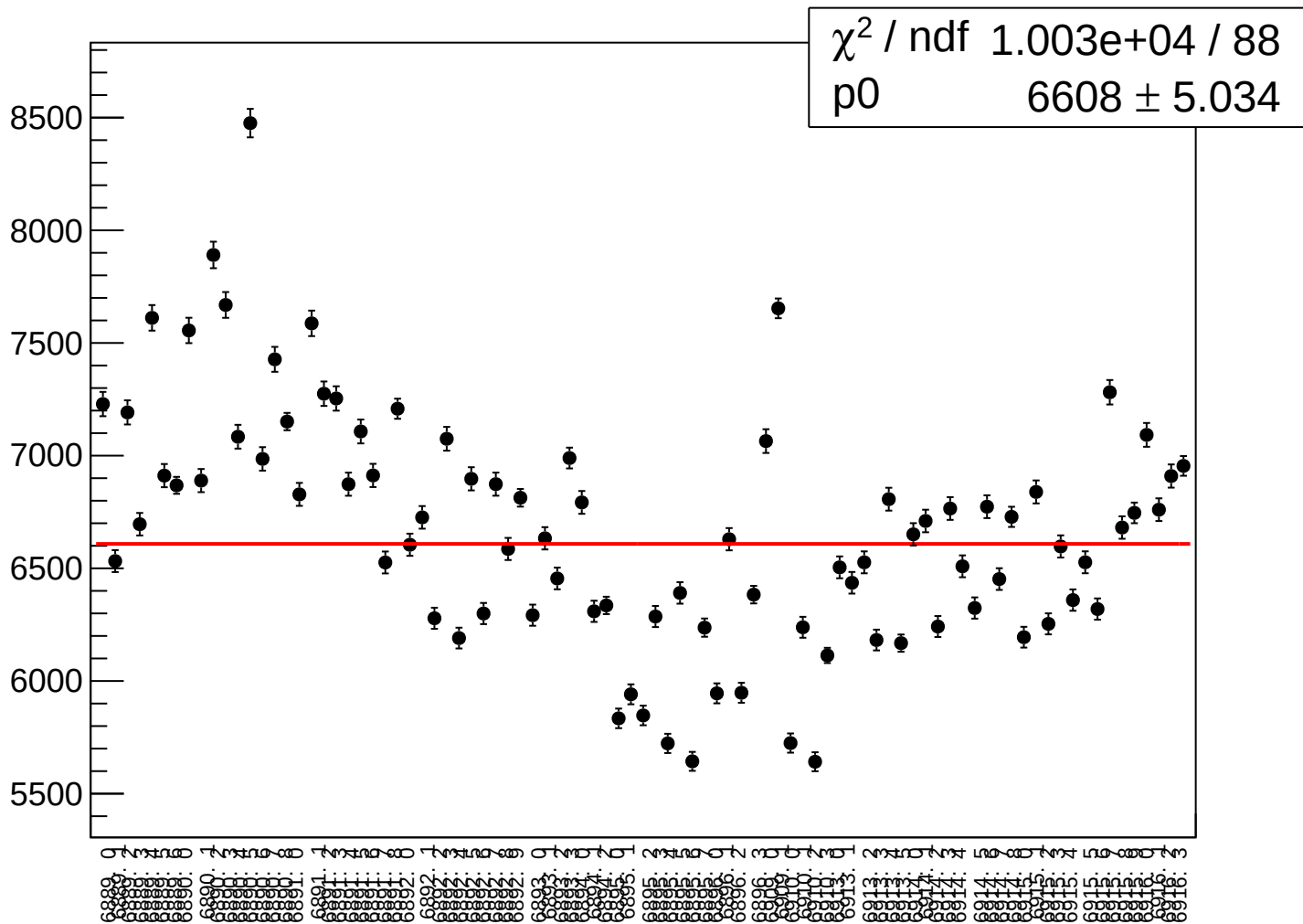
dit_asym_usl_atl2_avg_rms vs run



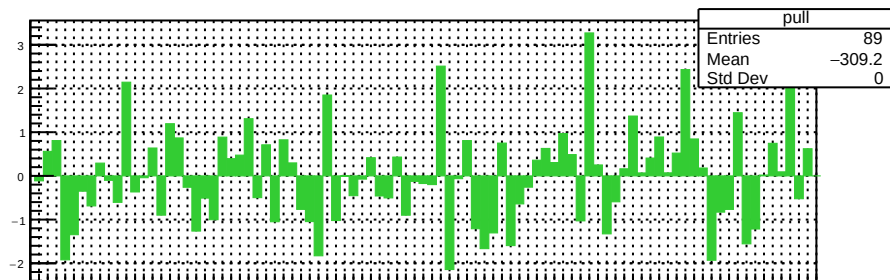
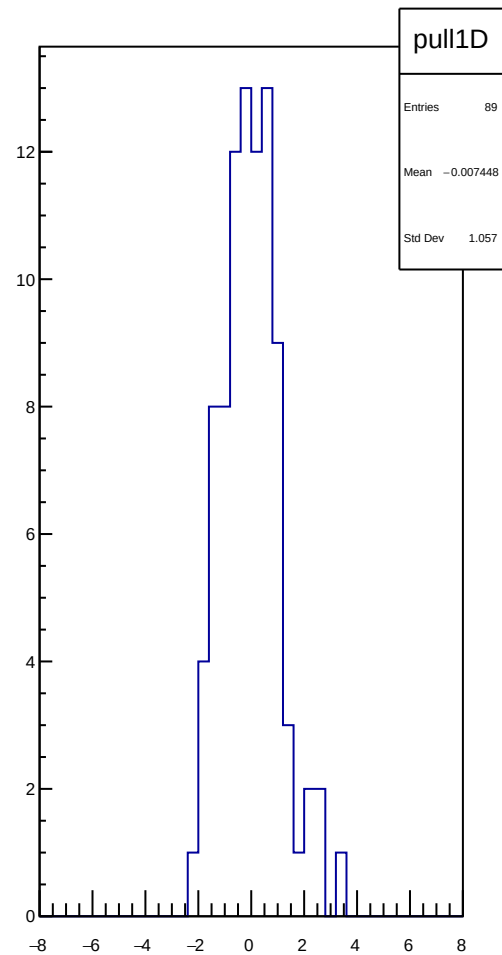
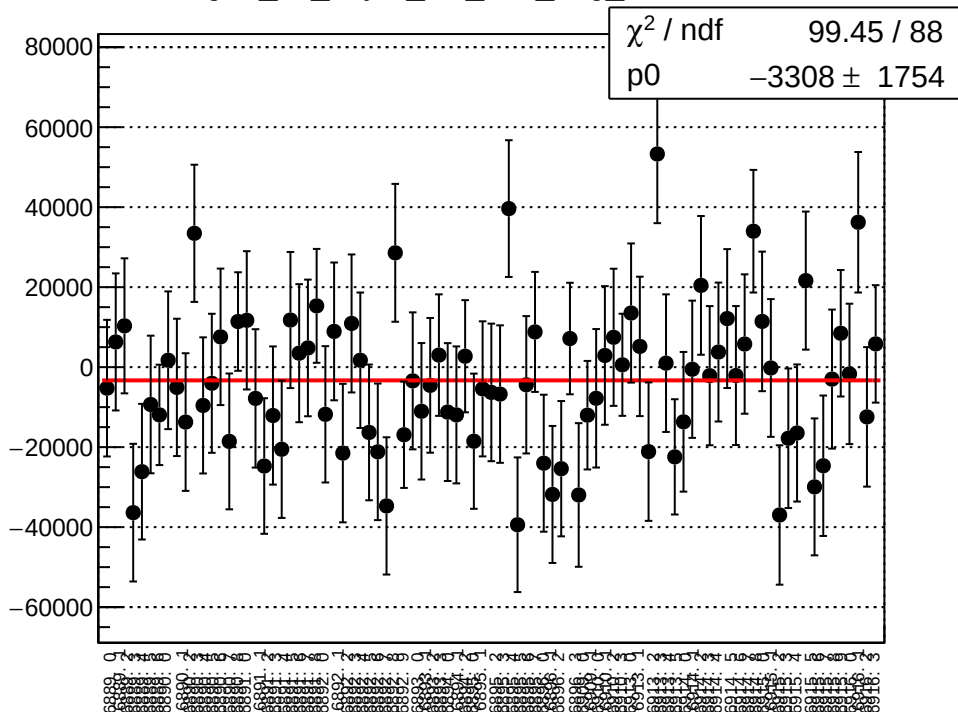
asym_usl_atl2_avg_dit_correction_mean vs run



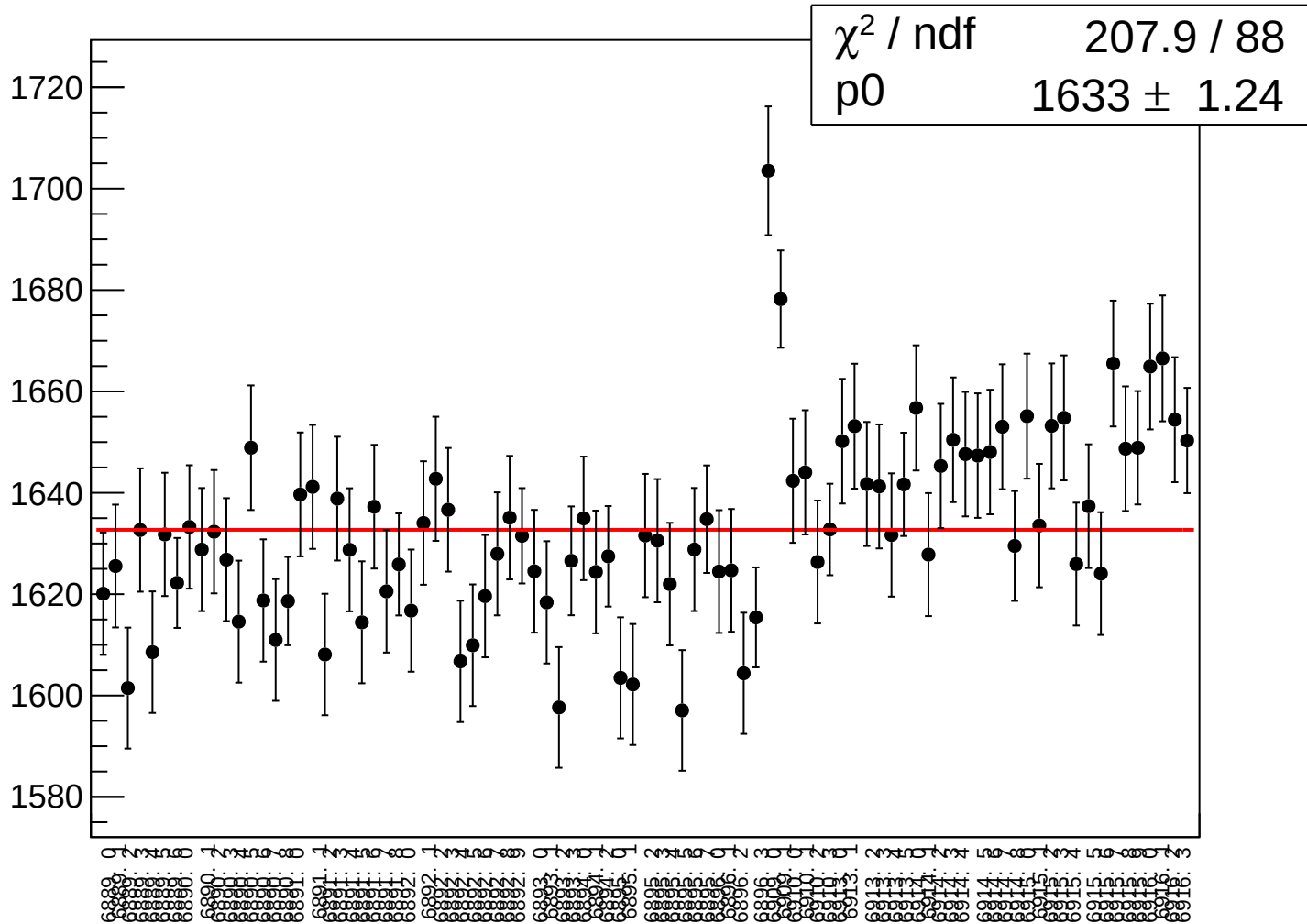
asym_usl_atl2_avg_dit_correction_rms vs run



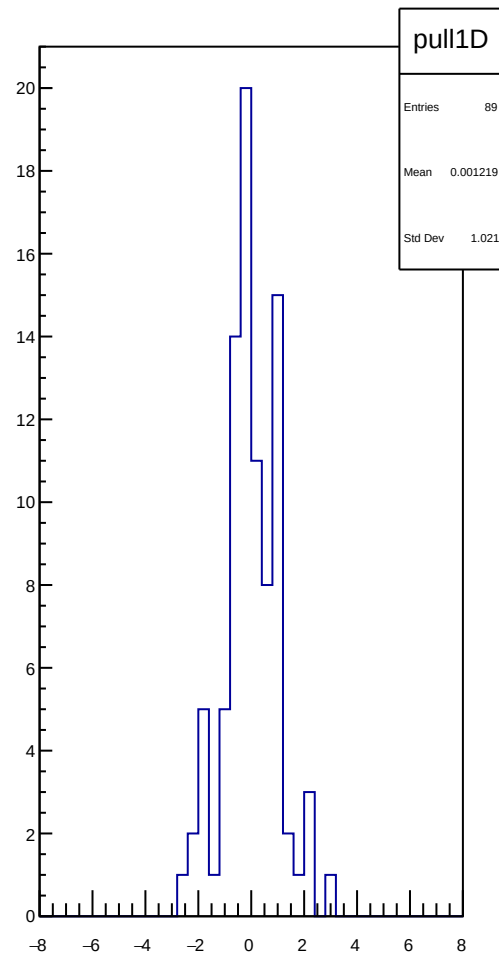
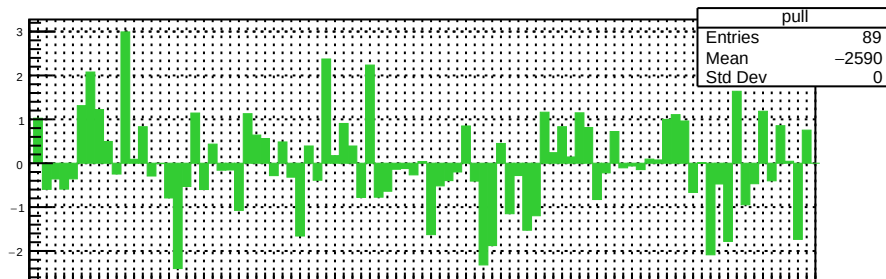
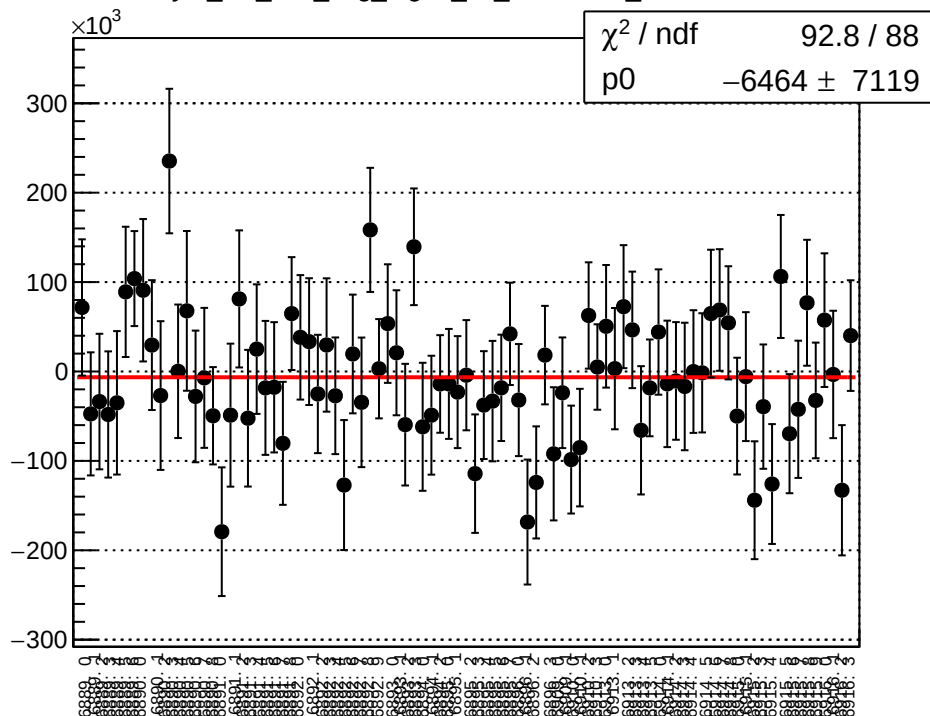
eigen_dit_asym_usl_atl2_avg_mean vs run



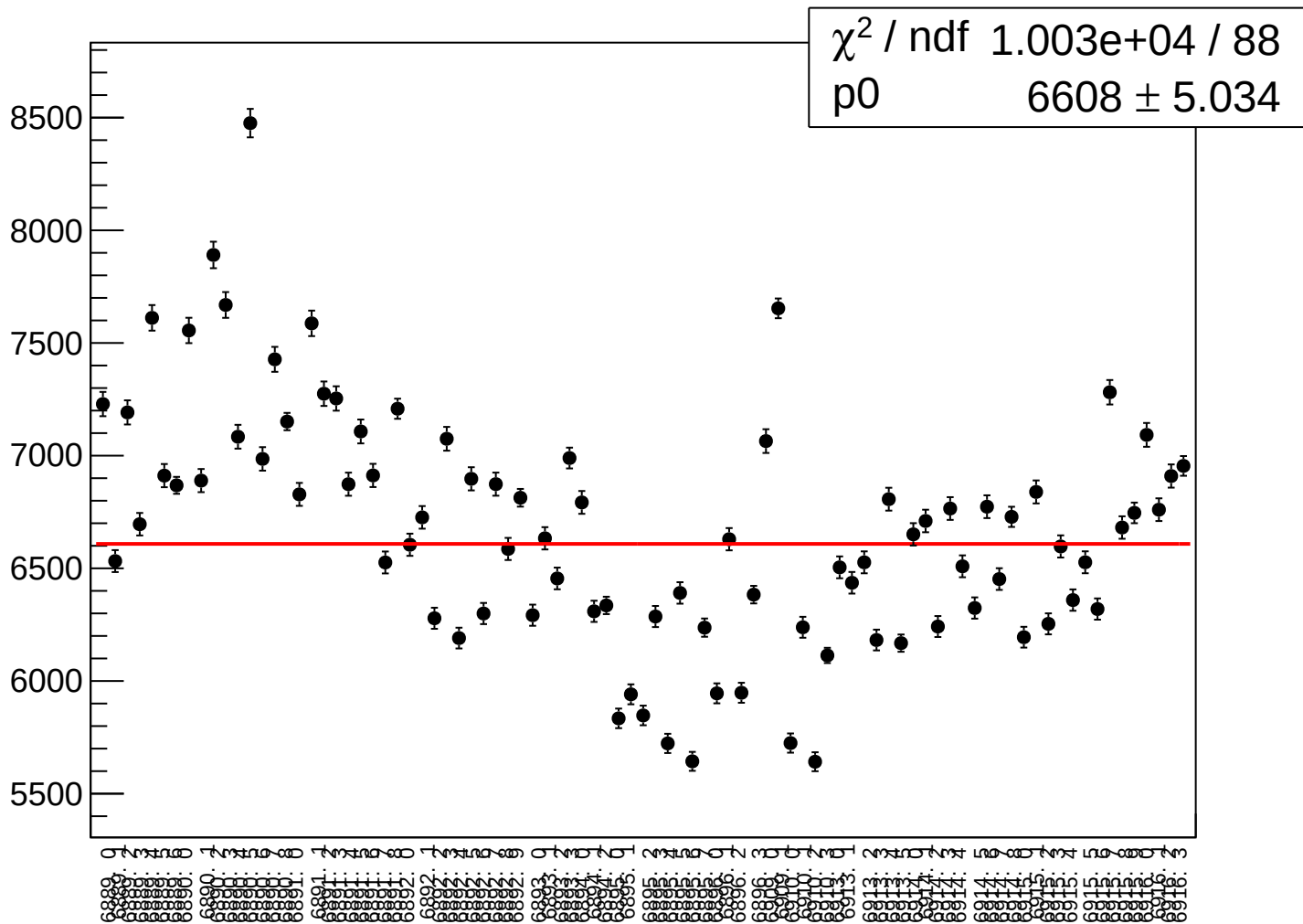
eigen_dit_asym_usl_atl2_avg_rms vs run



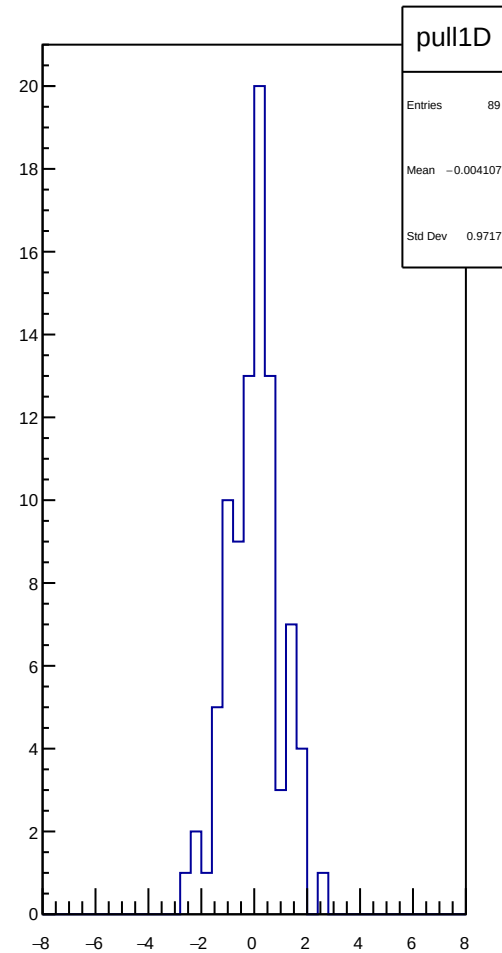
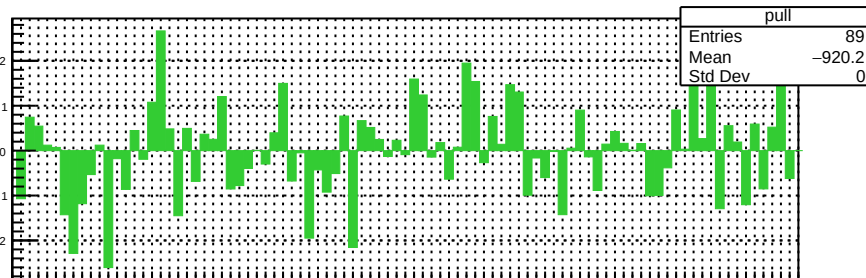
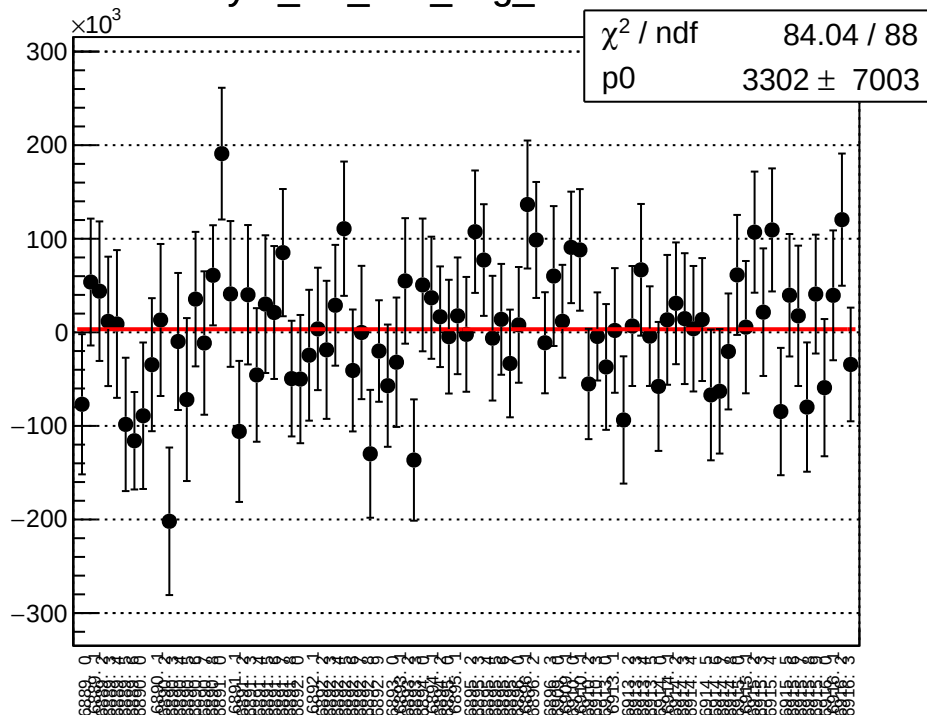
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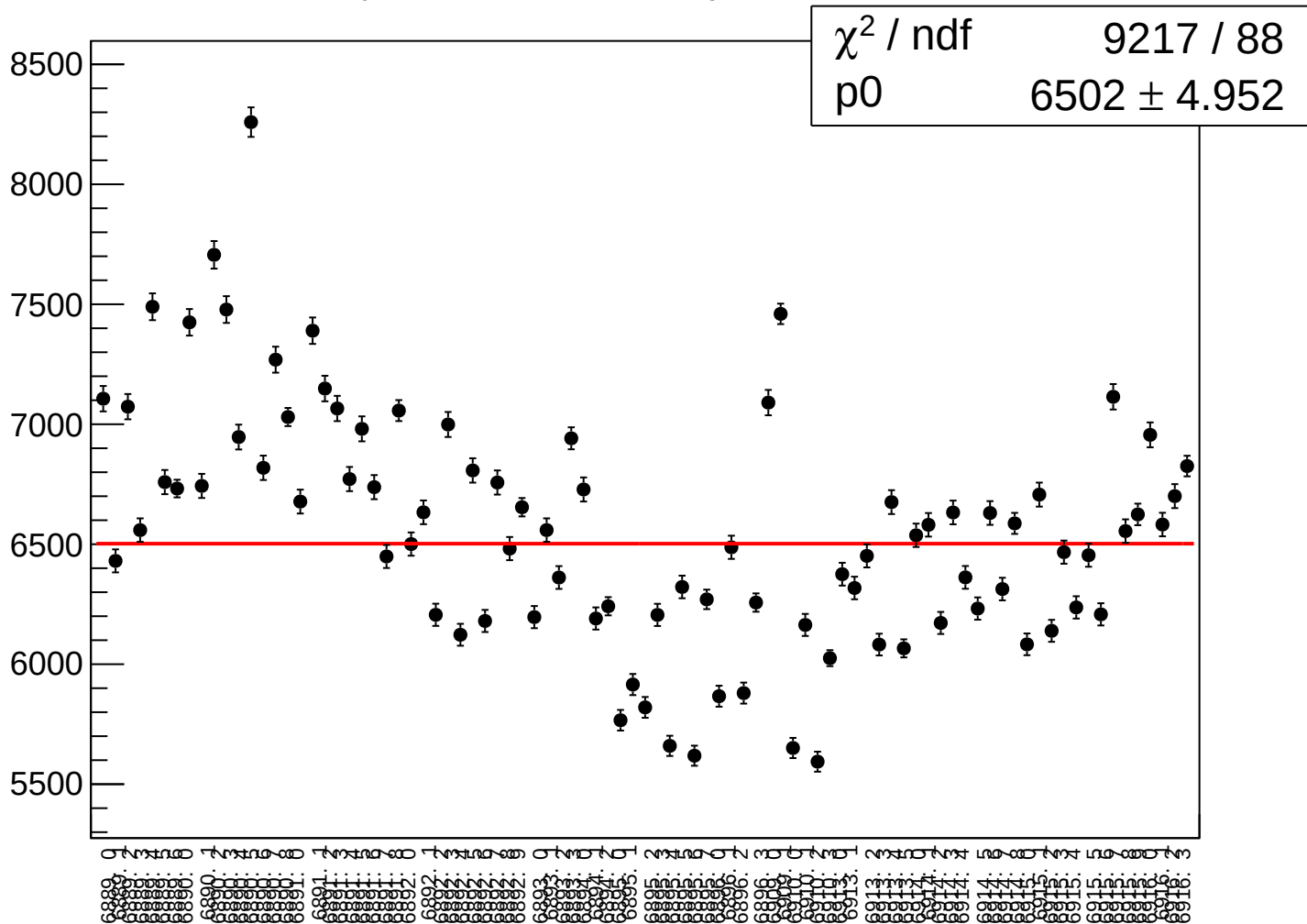
asym_usl_atl2_avg_eigen_dit_correction_rms vs run



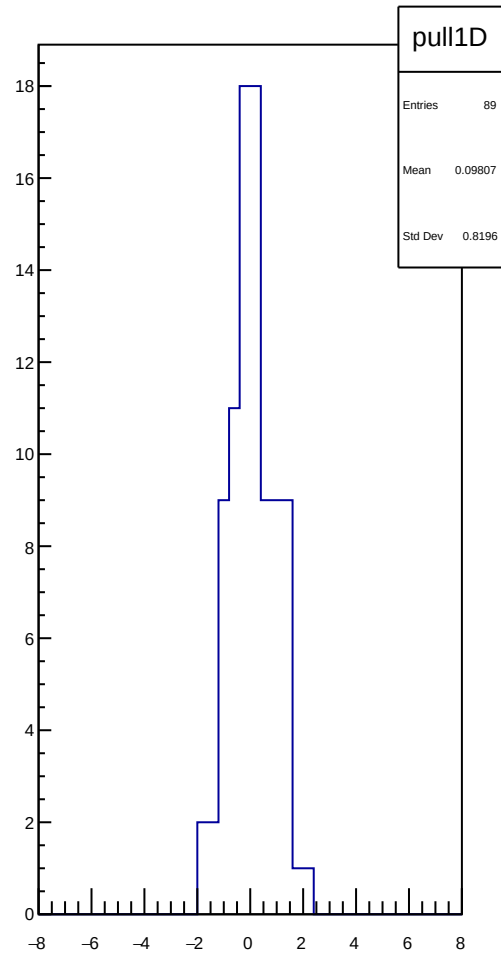
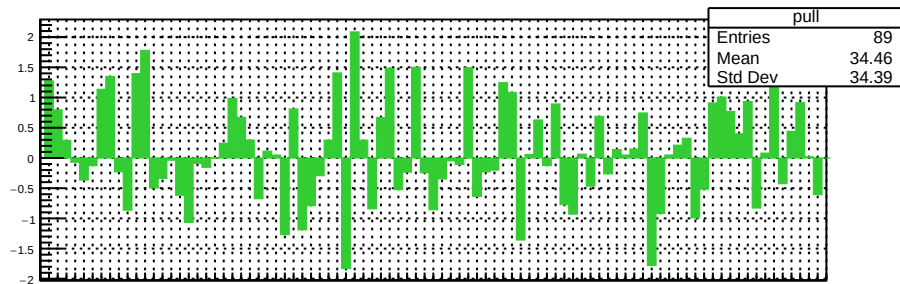
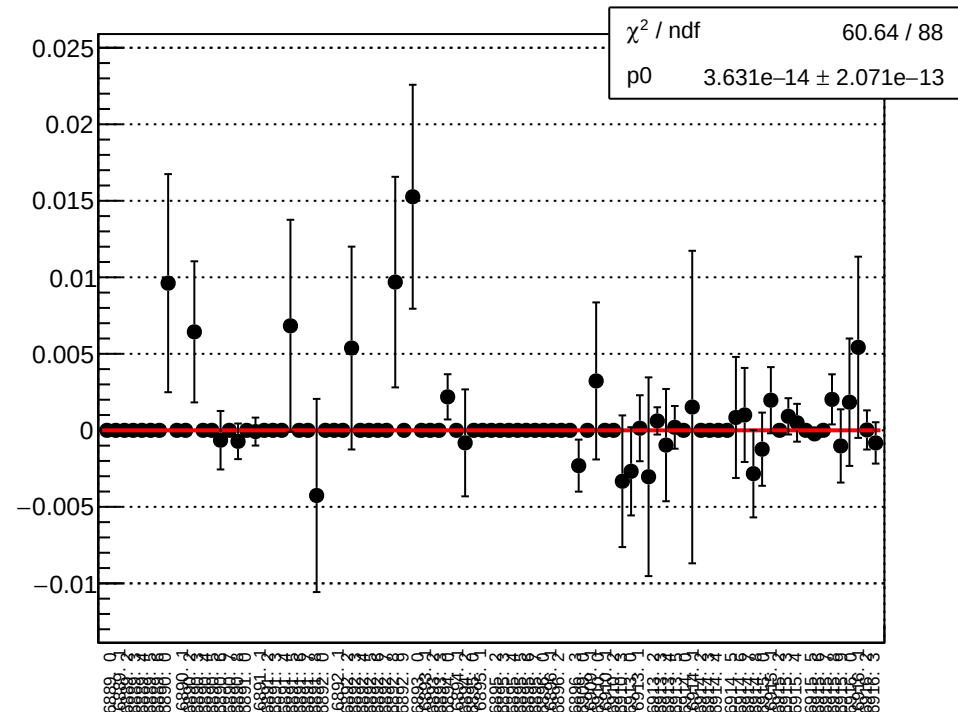
asym_usl_atl2_avg_mean vs run



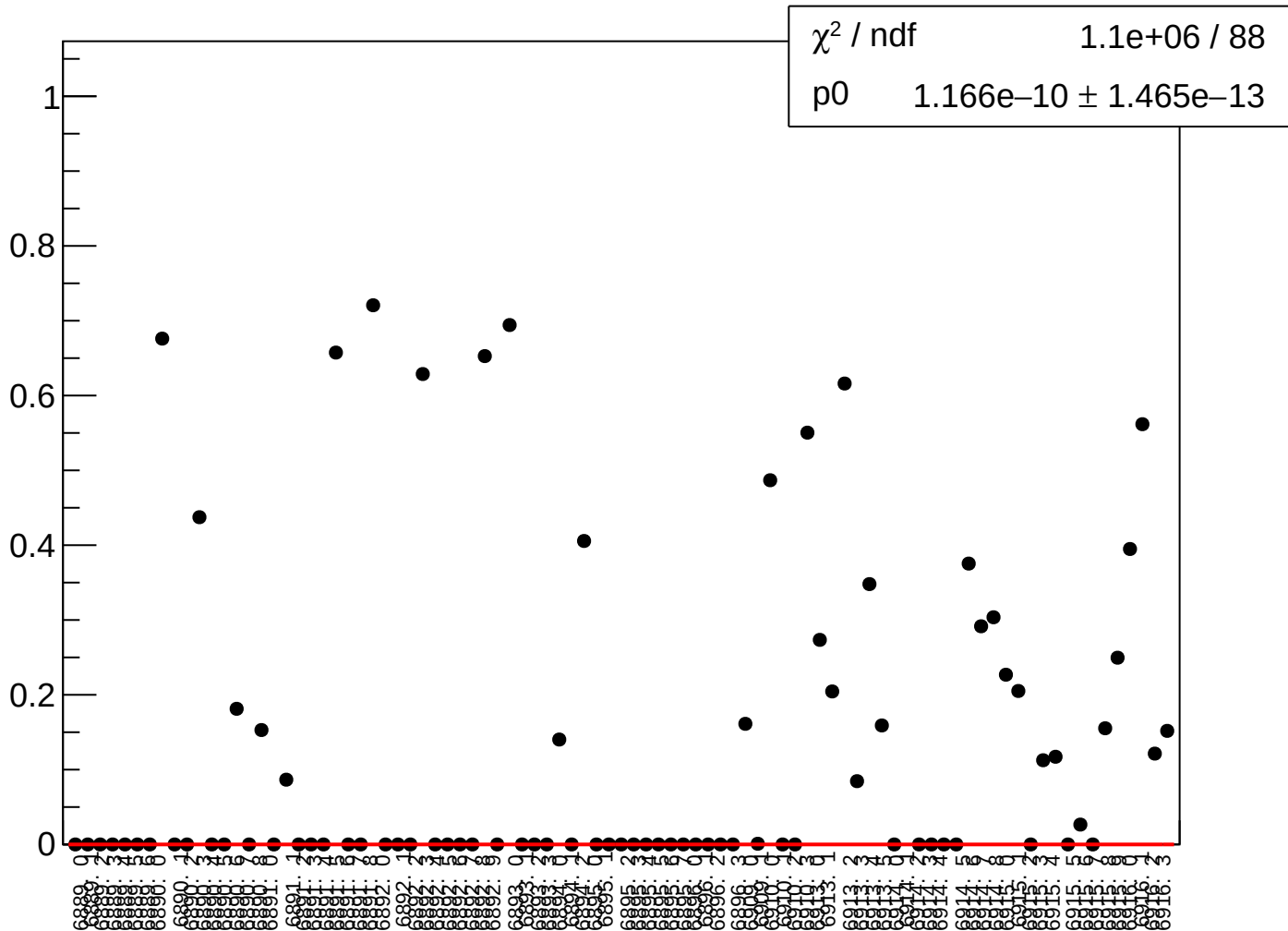
asym_usl_atl2_avg_rms vs run



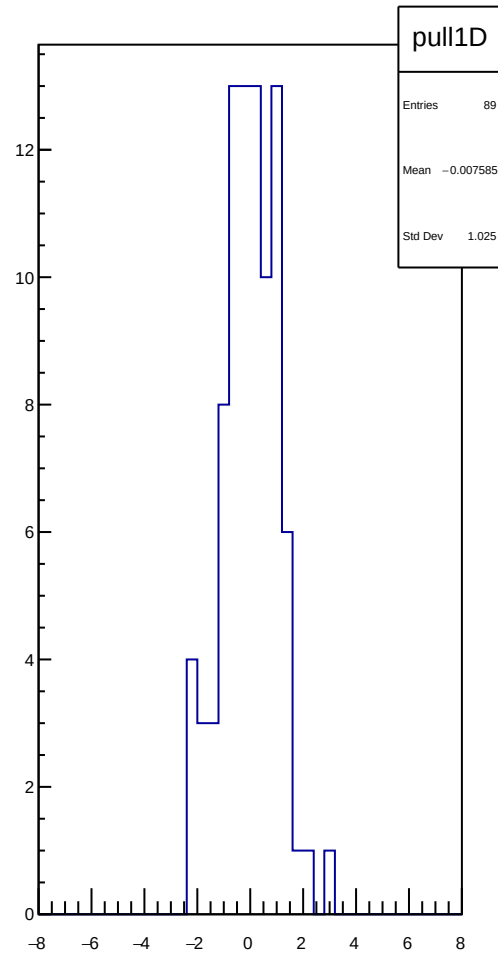
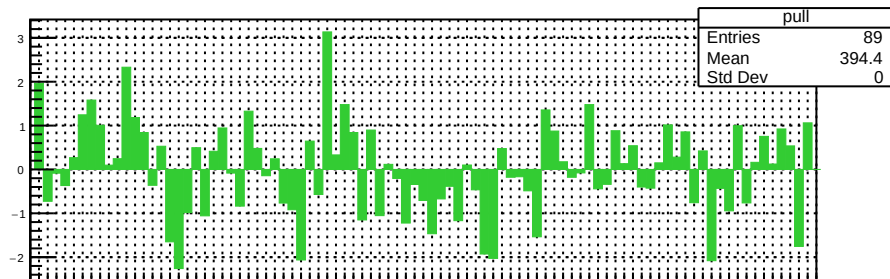
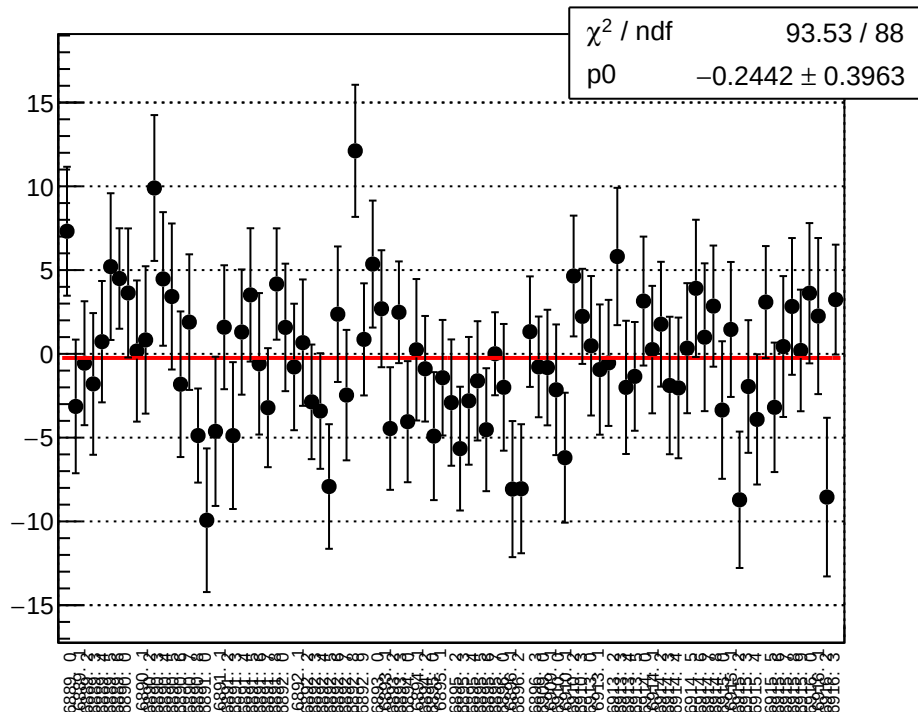
asym_usl_atl2_avg_reg_vs_cor_diff_mean vs run



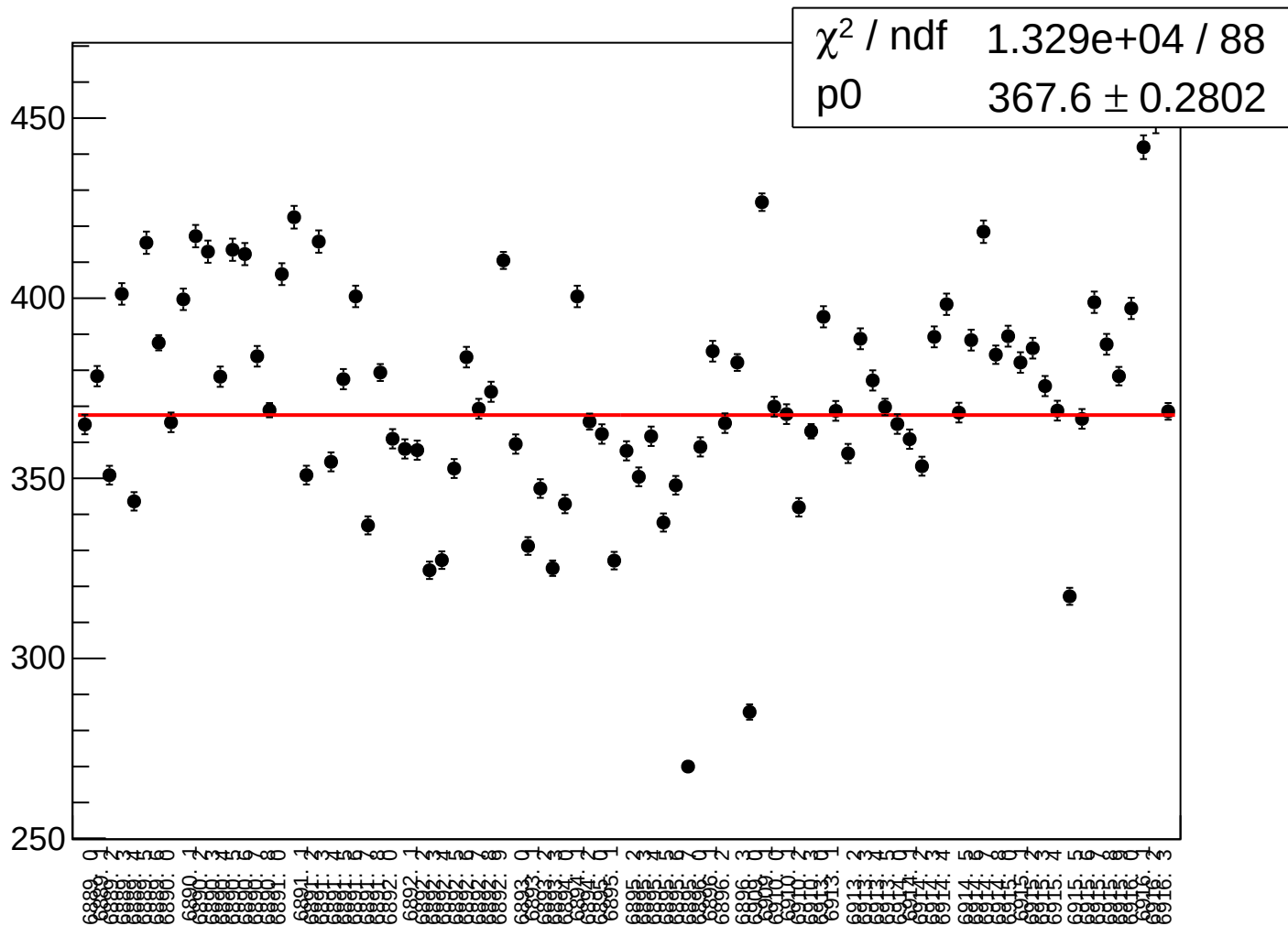
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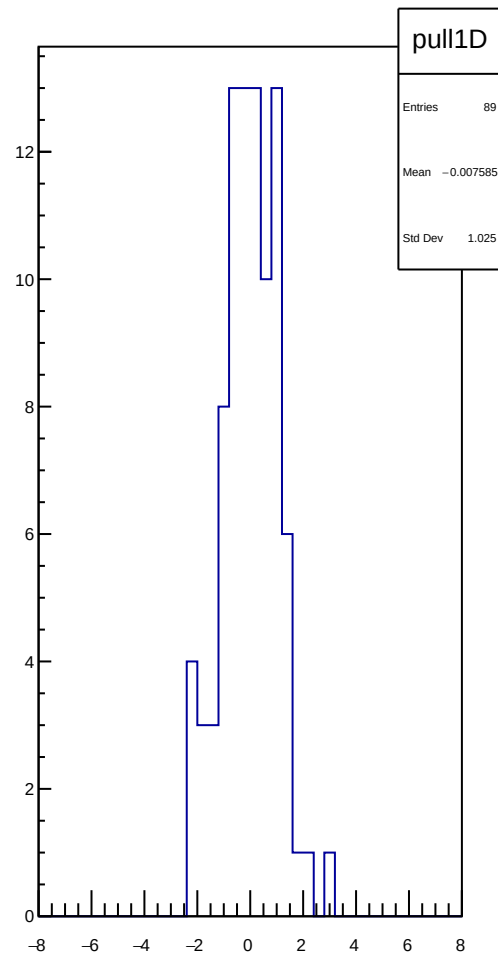
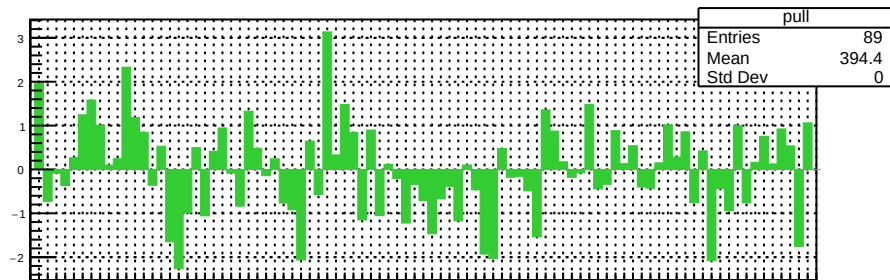
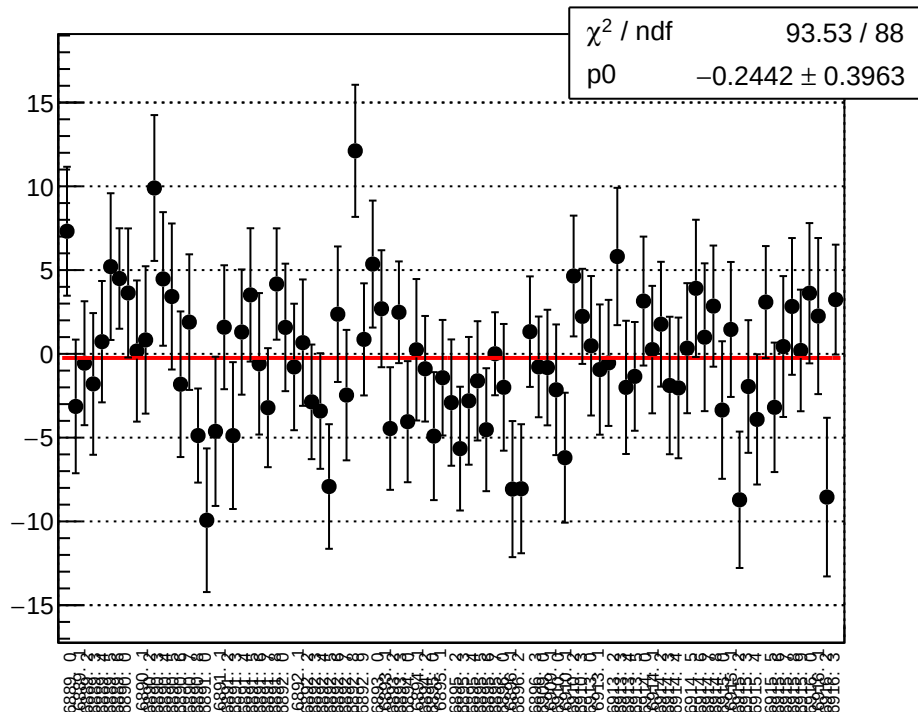
asym_usl_atl2_avg_dit_vs_cor_diff_mean vs run



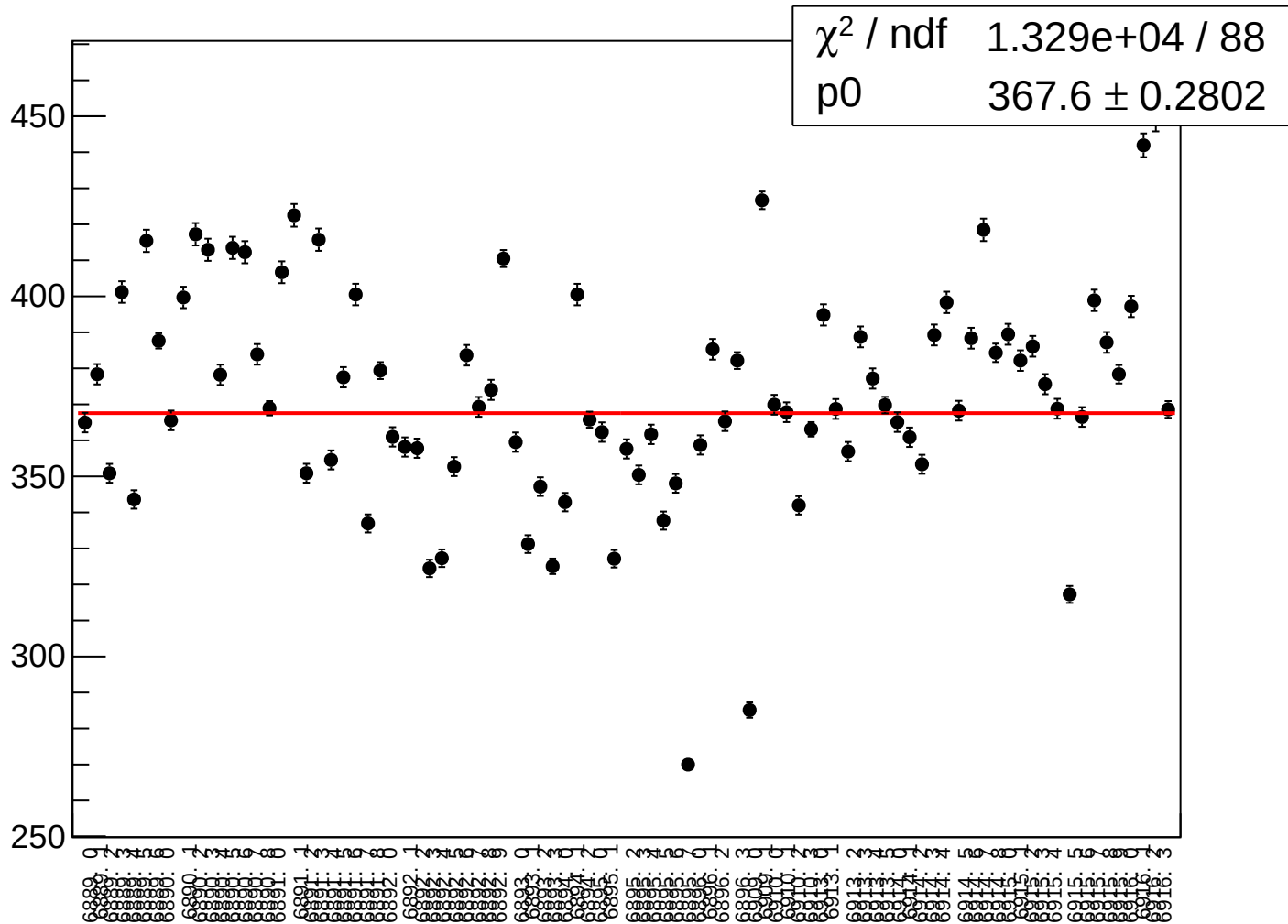
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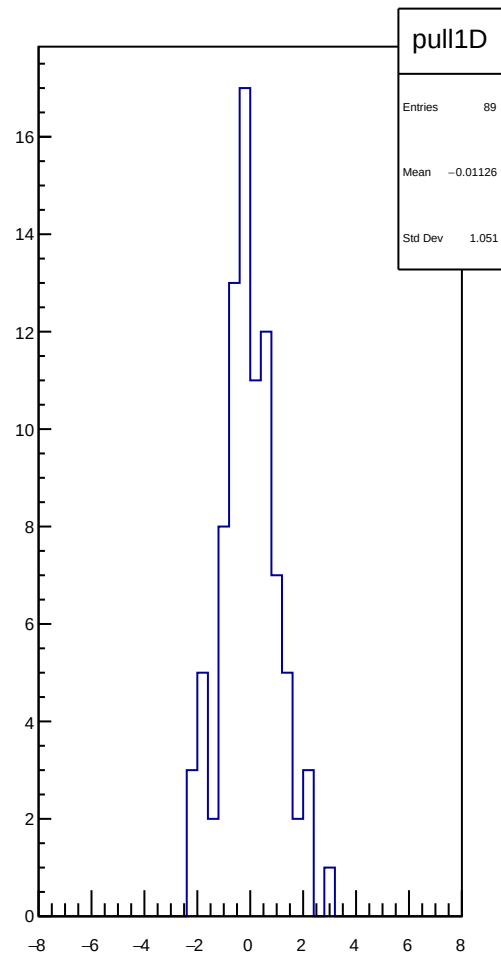
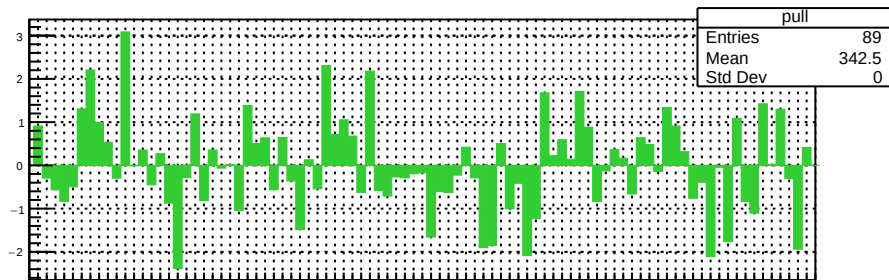
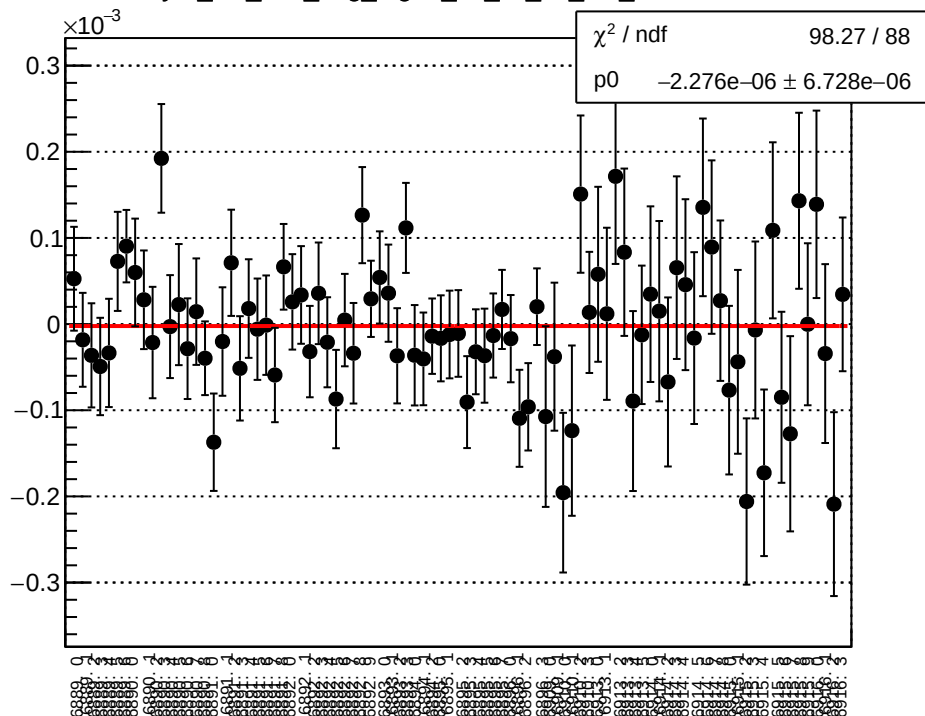
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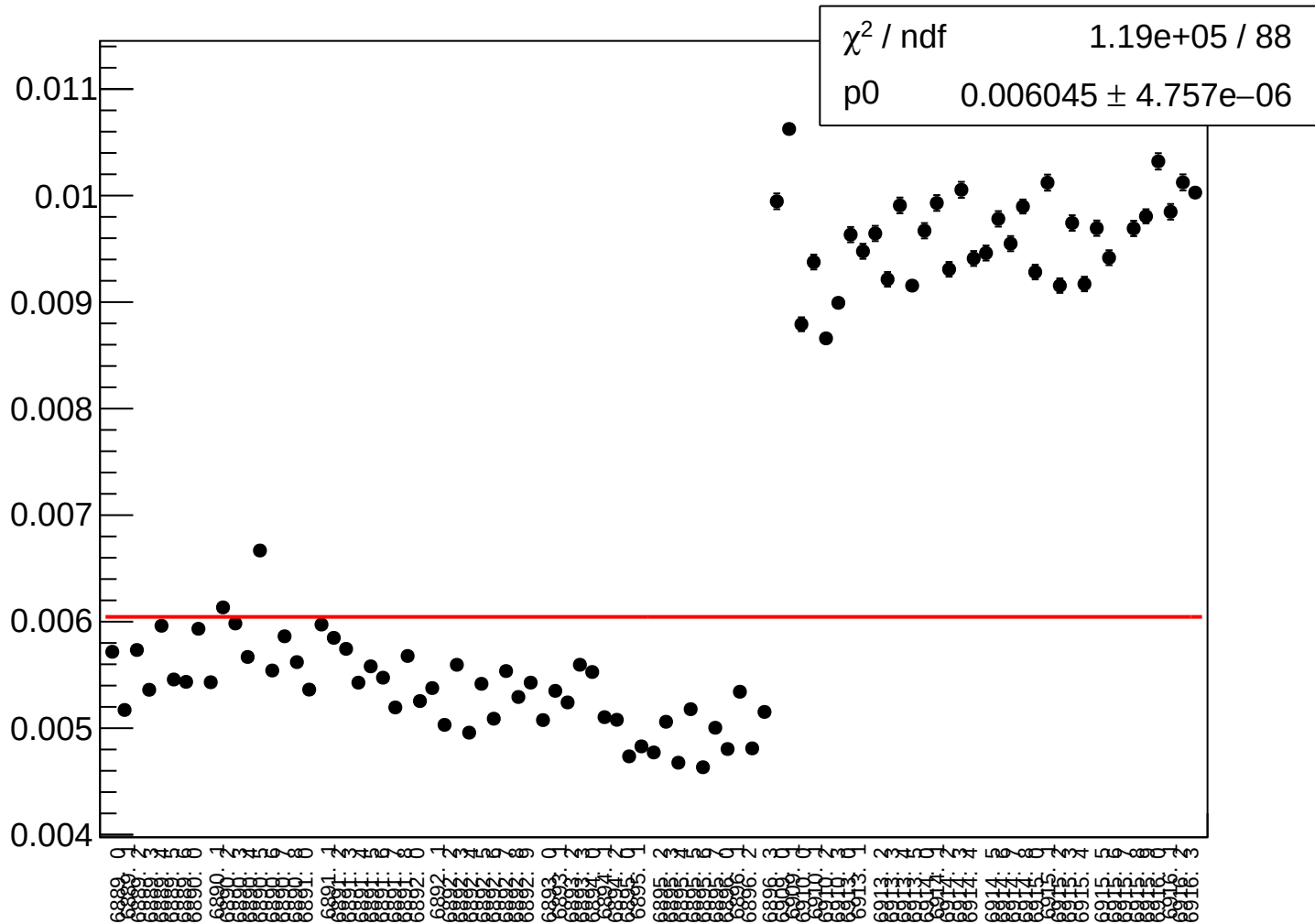
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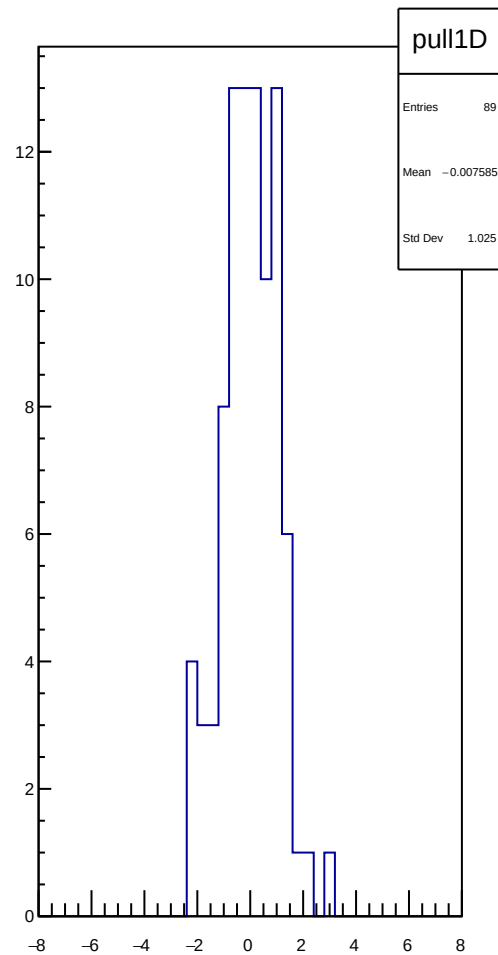
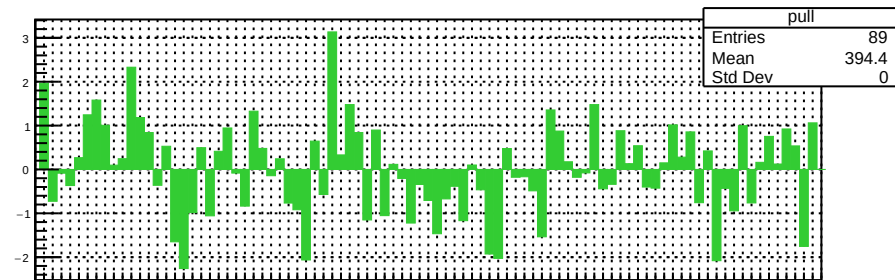
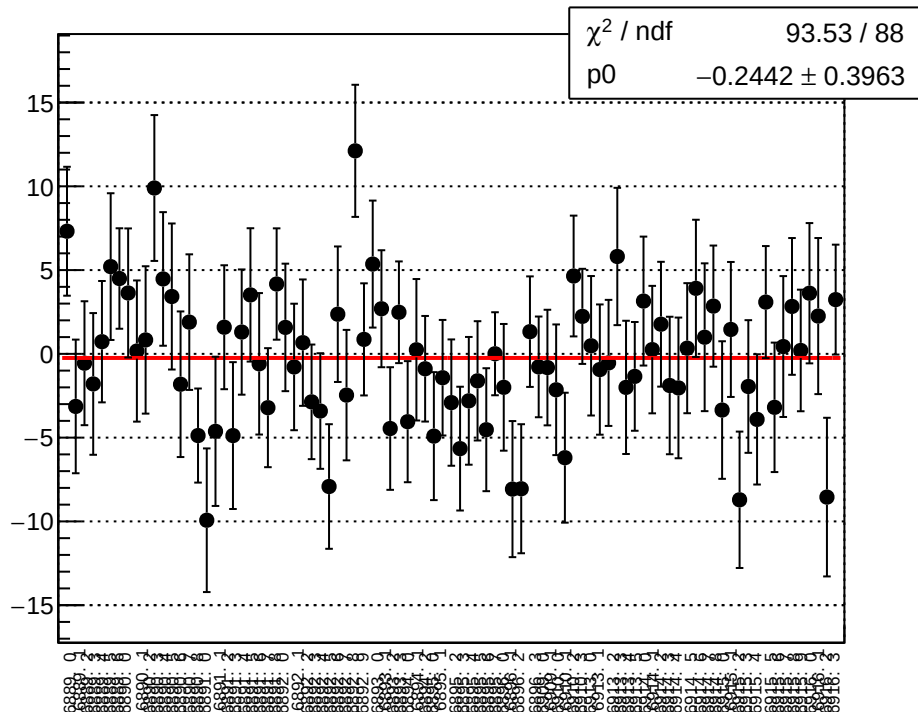
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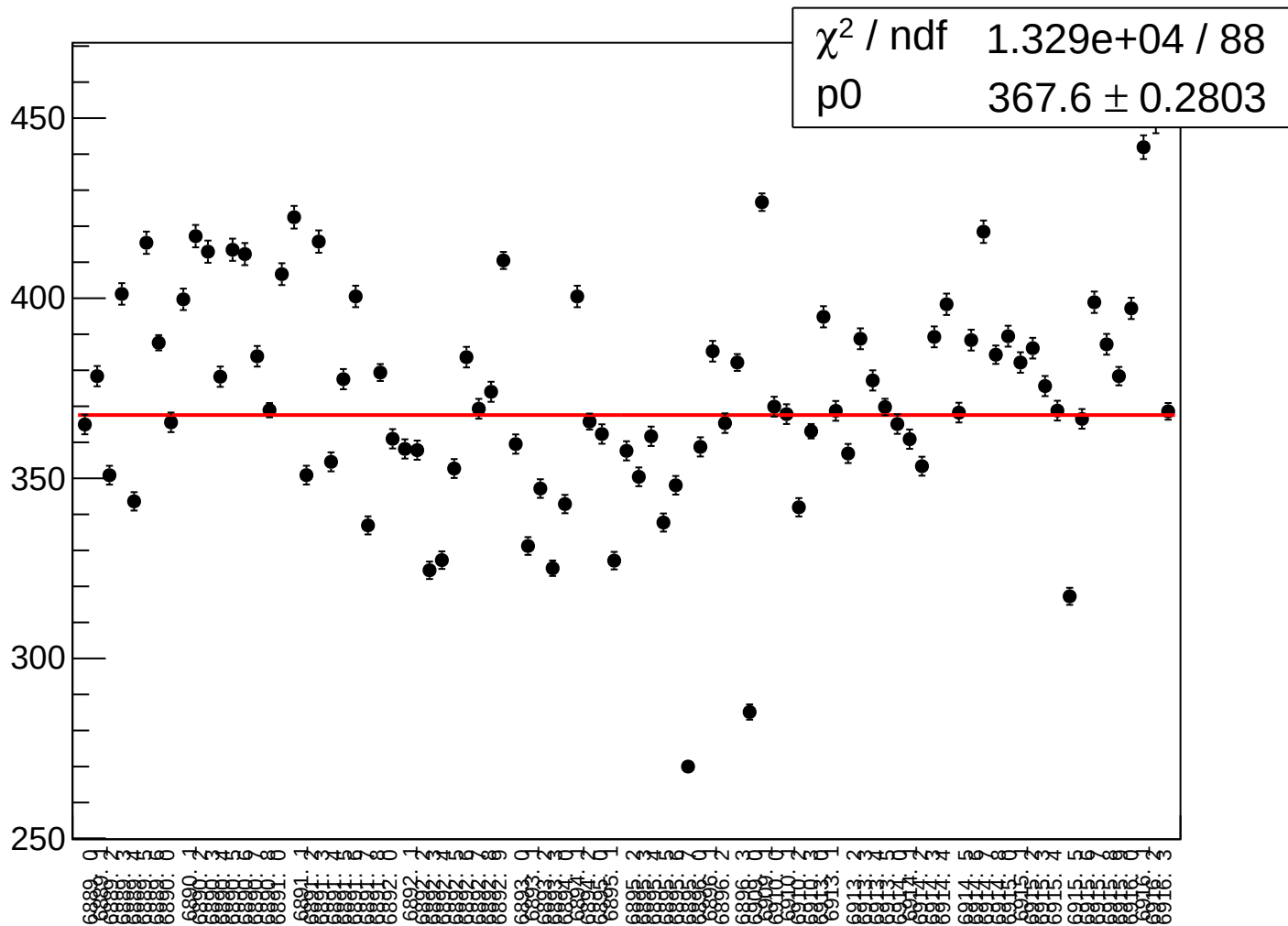
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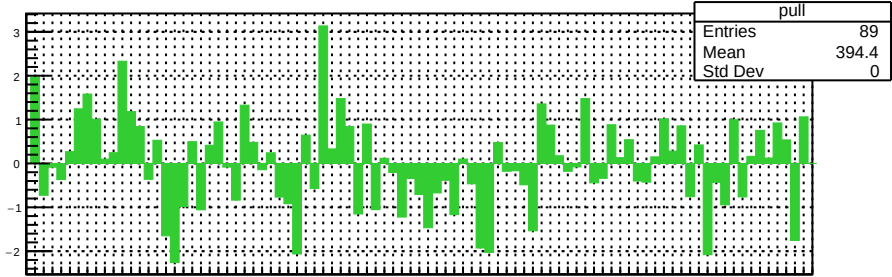
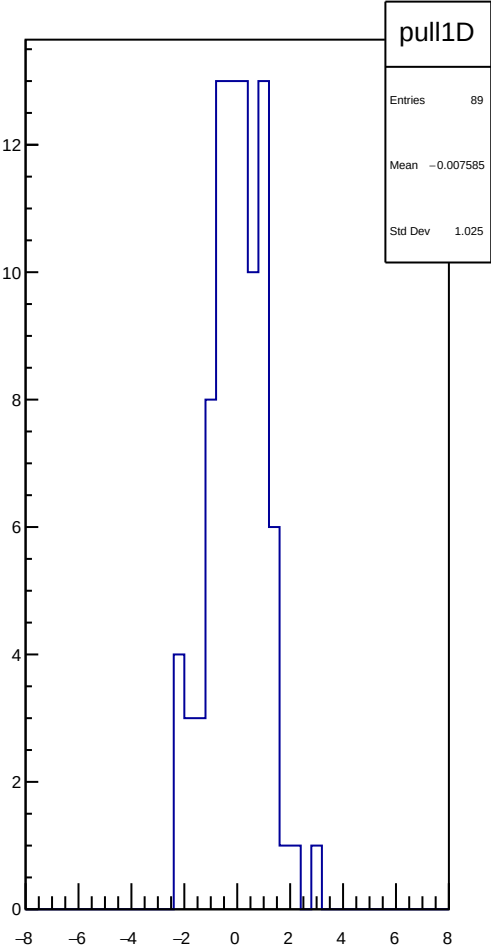
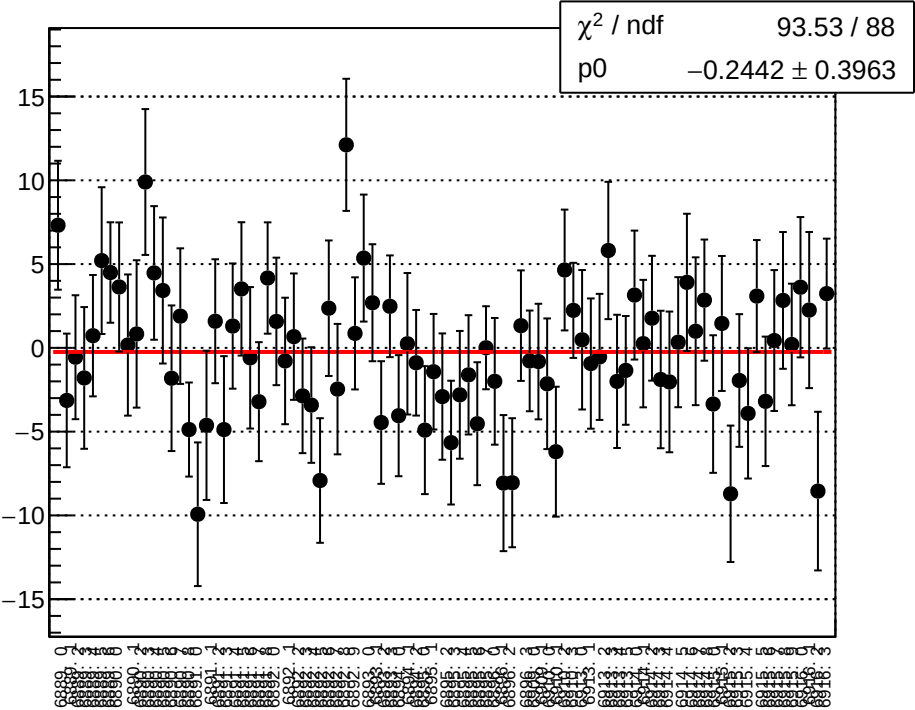
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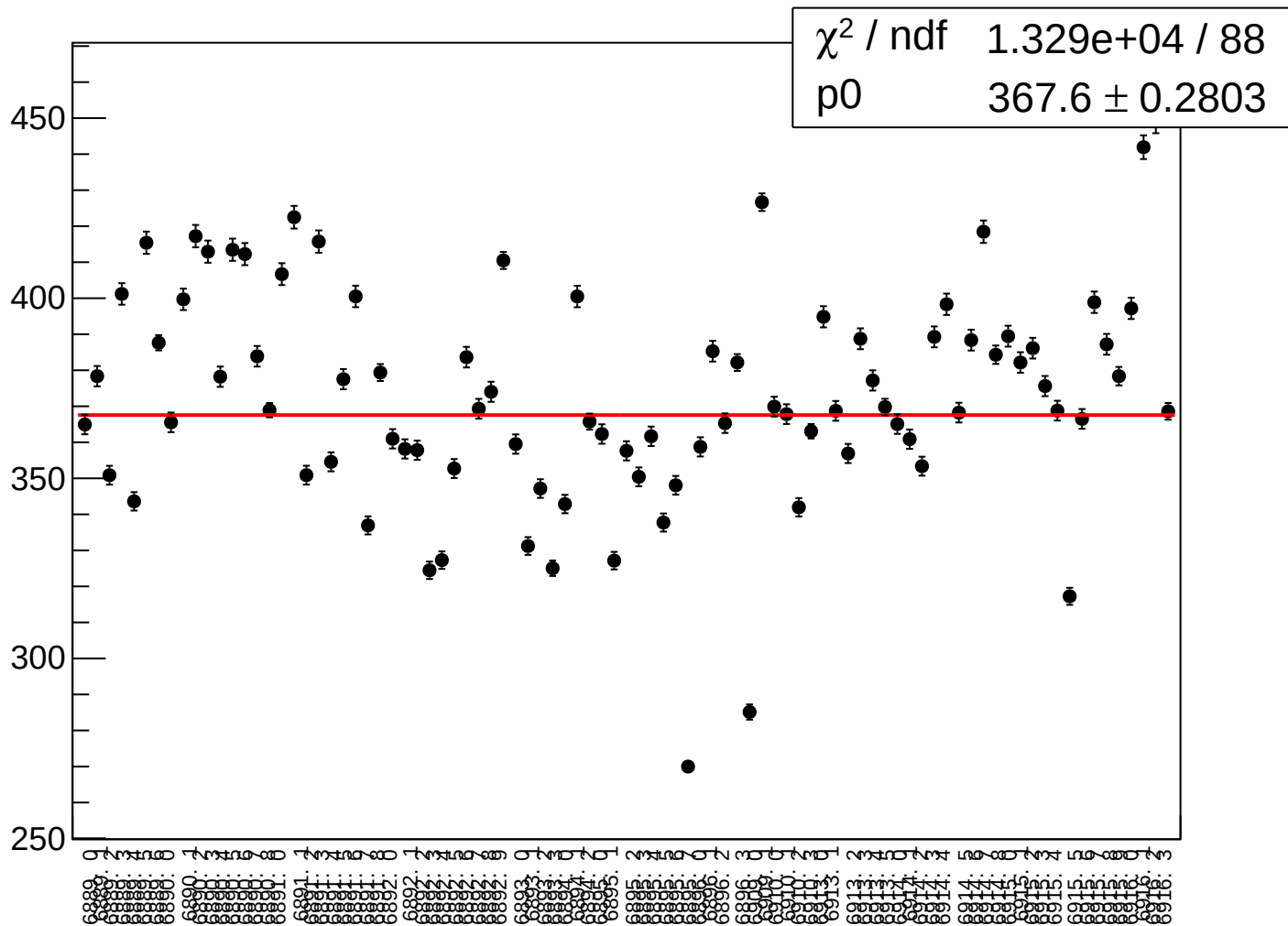
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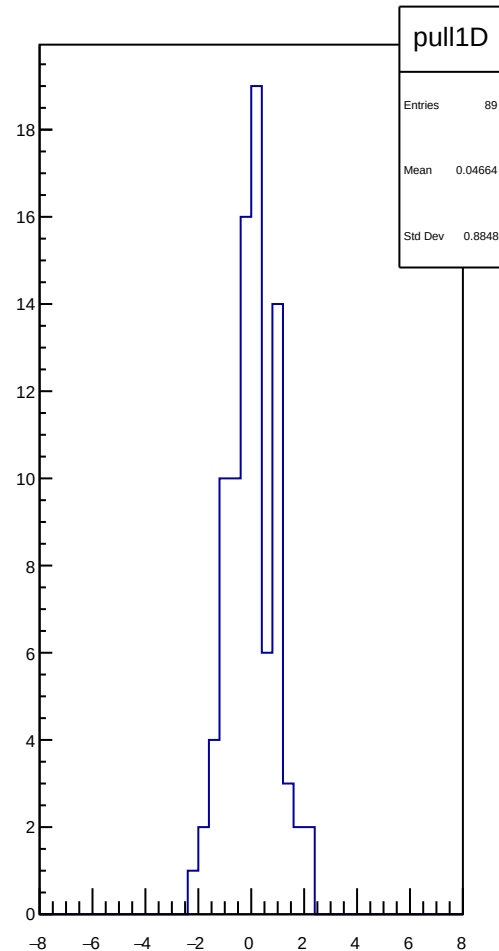
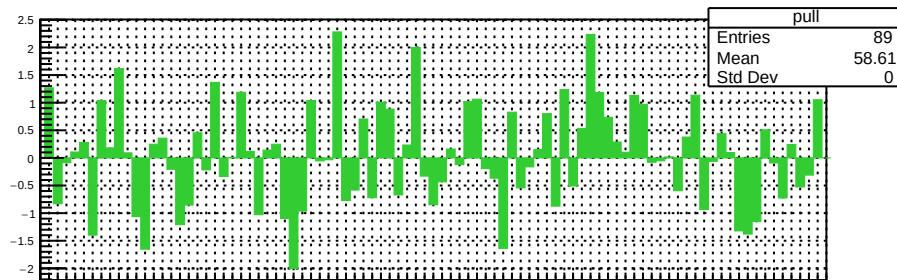
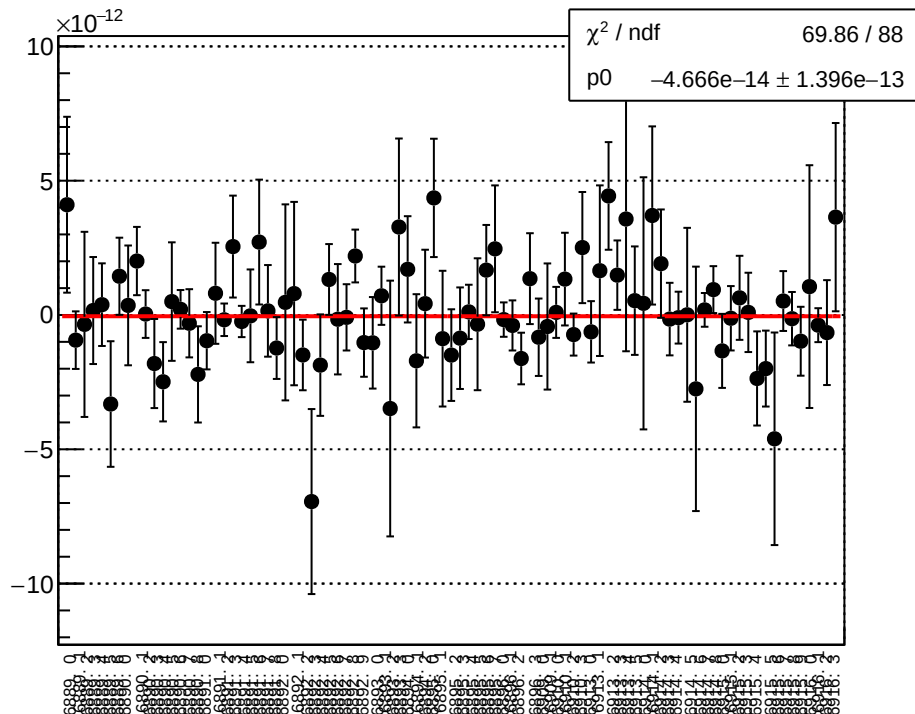
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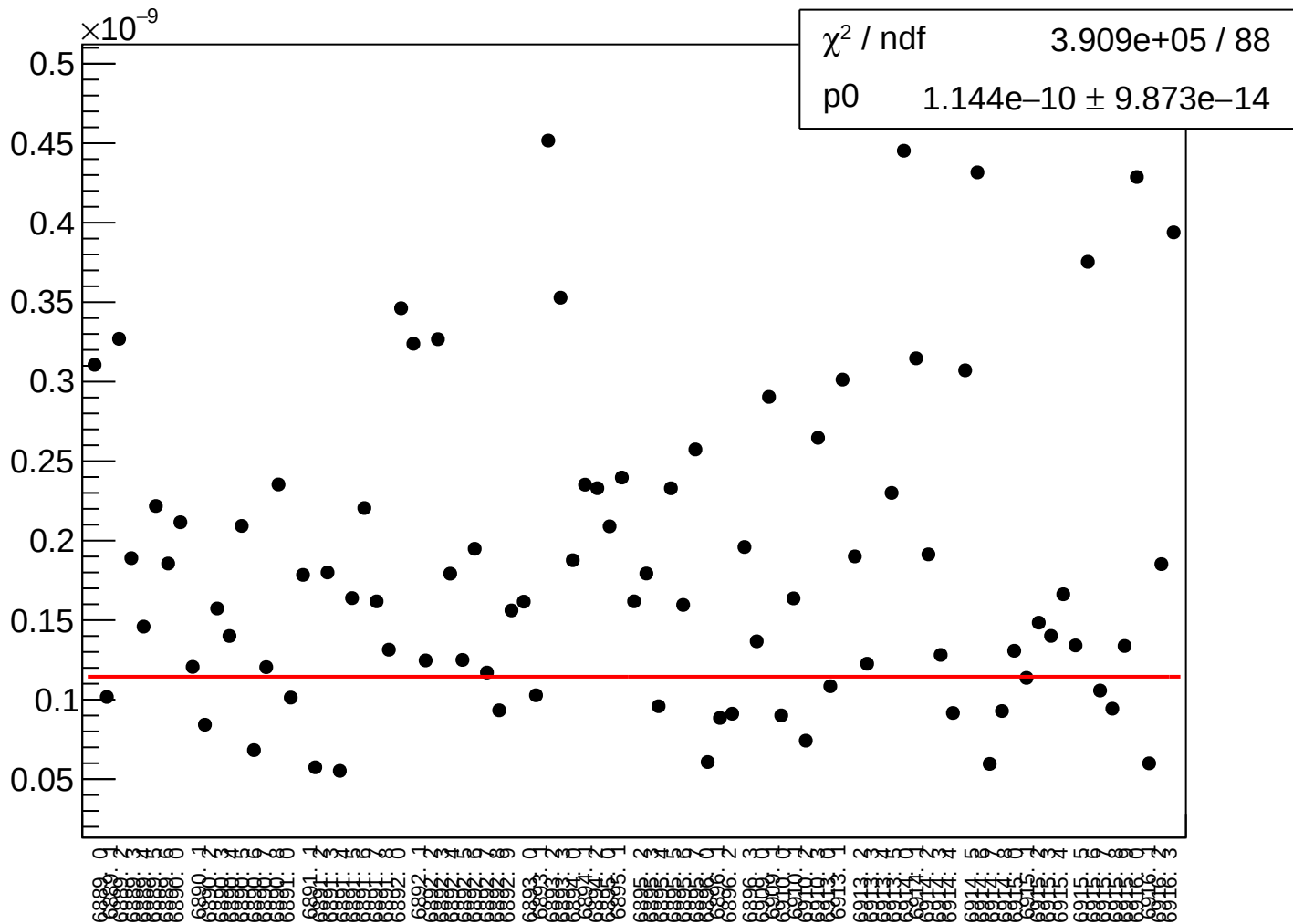
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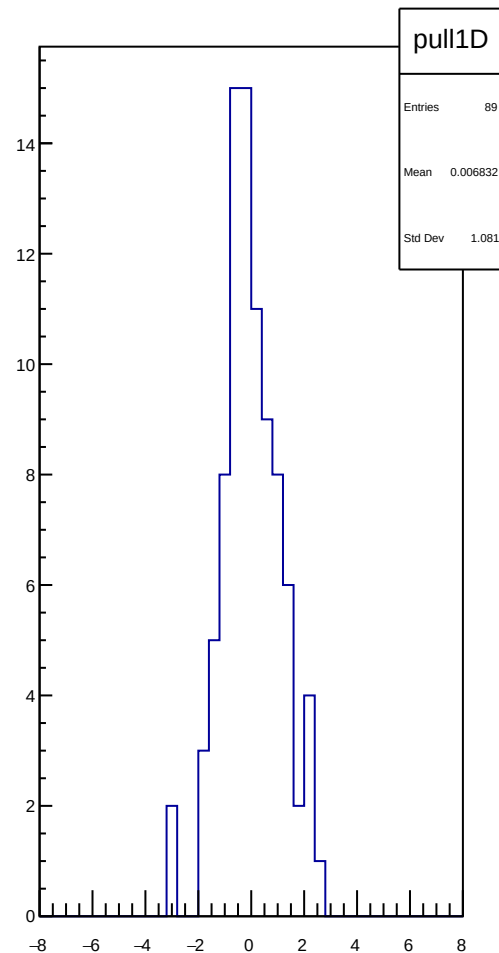
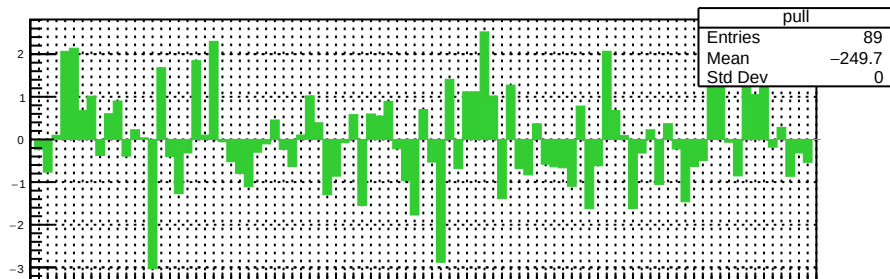
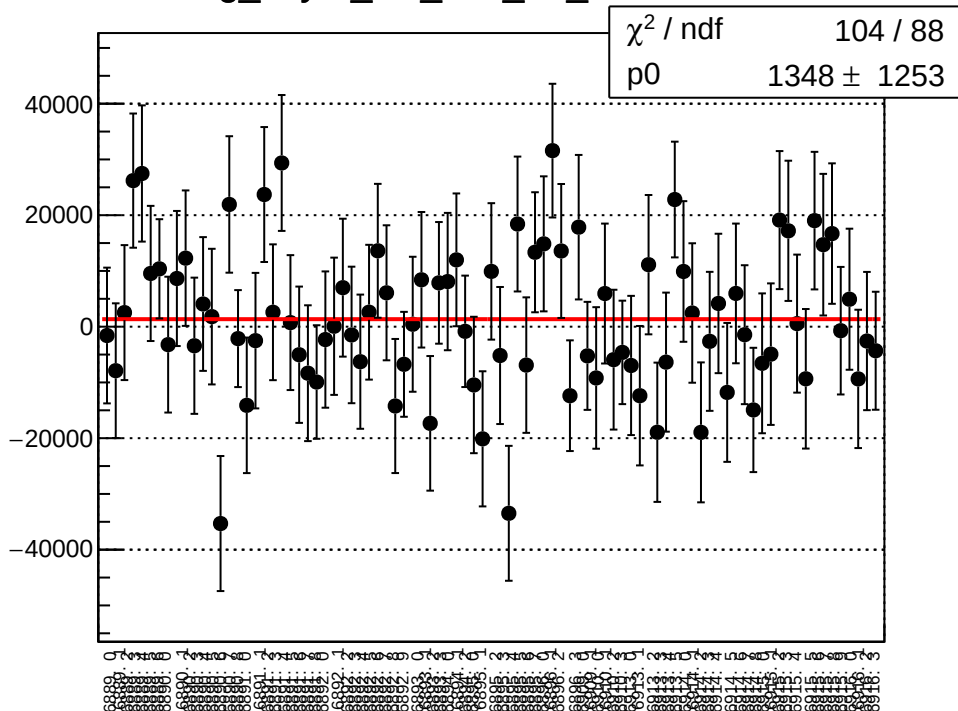
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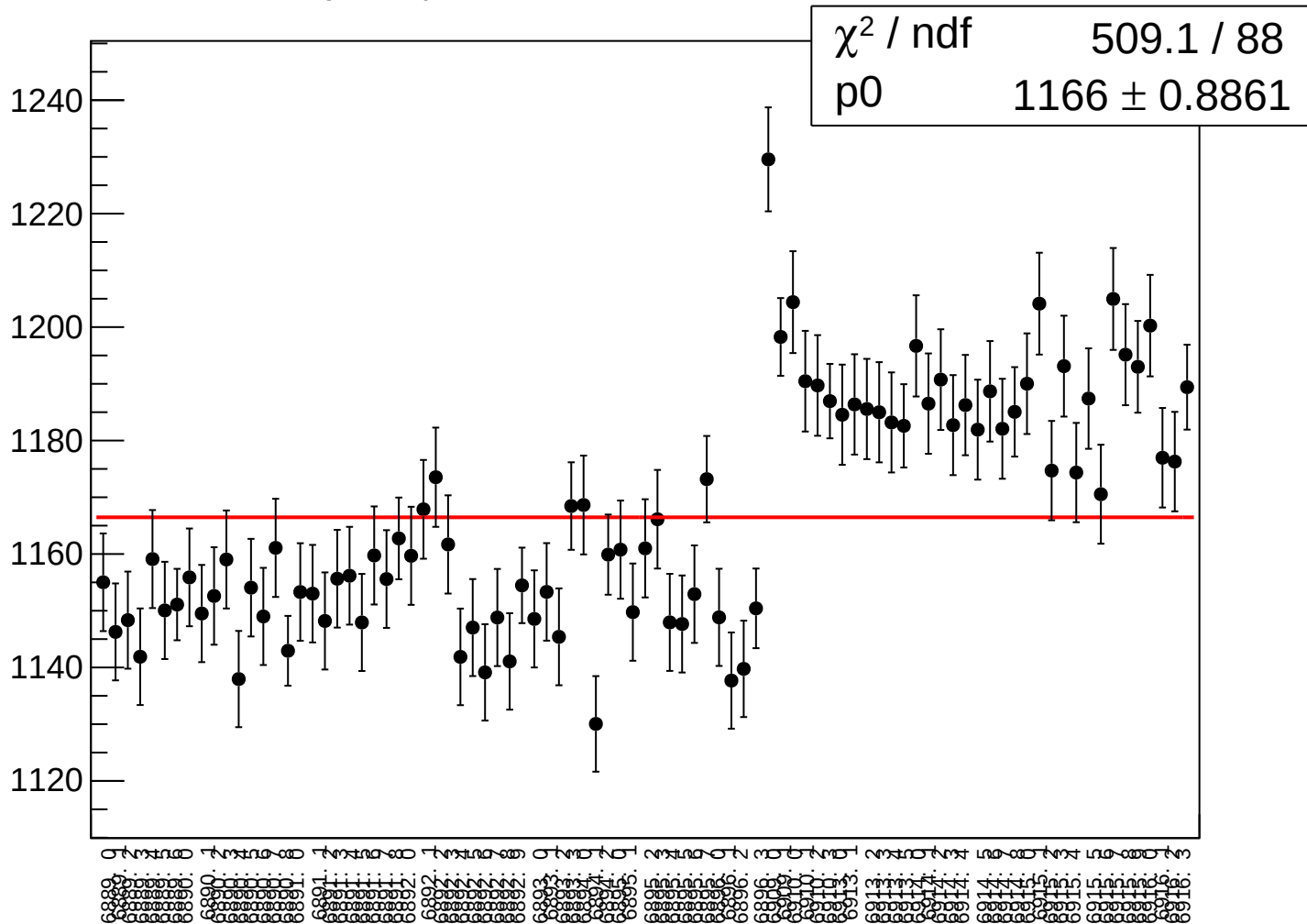
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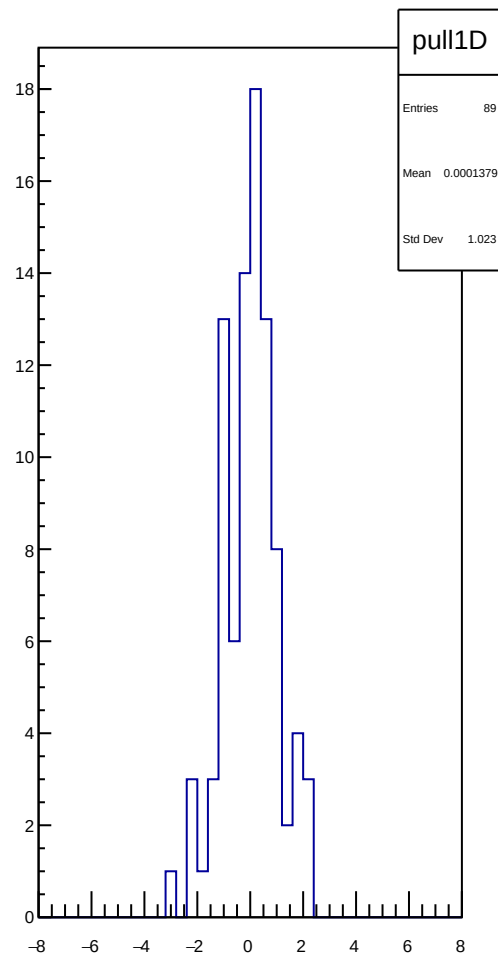
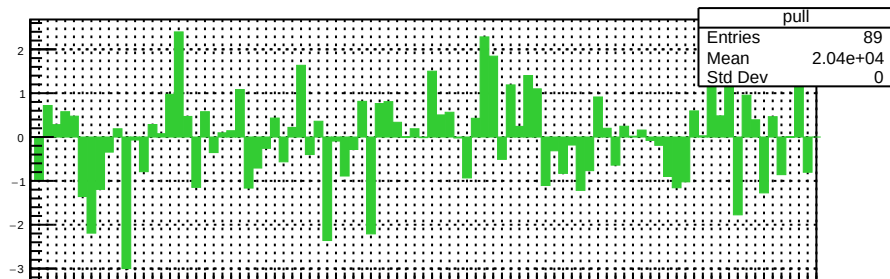
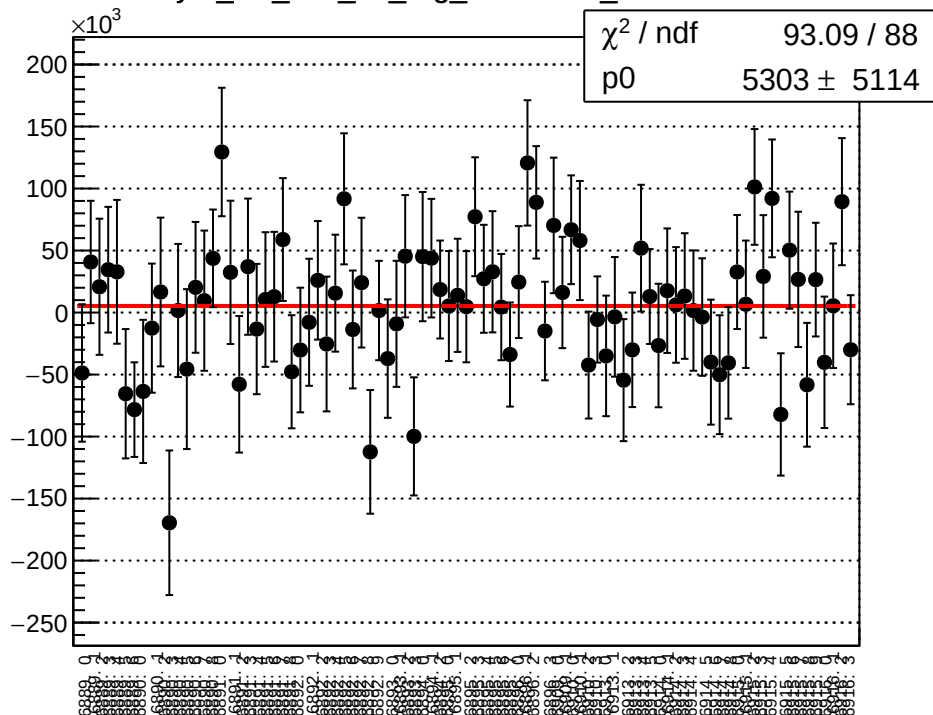
reg_asym_usl_atl2_dd_mean vs run



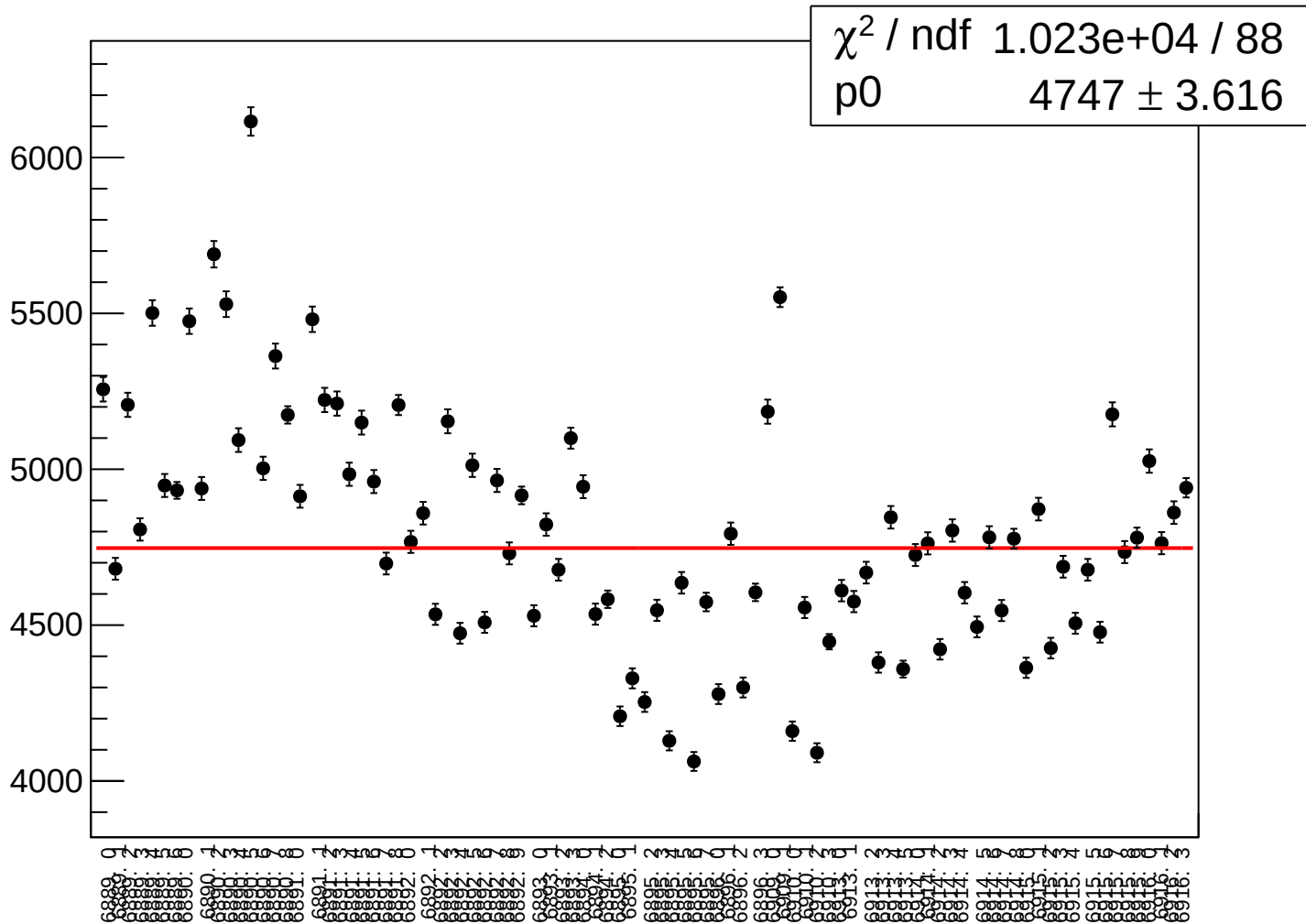
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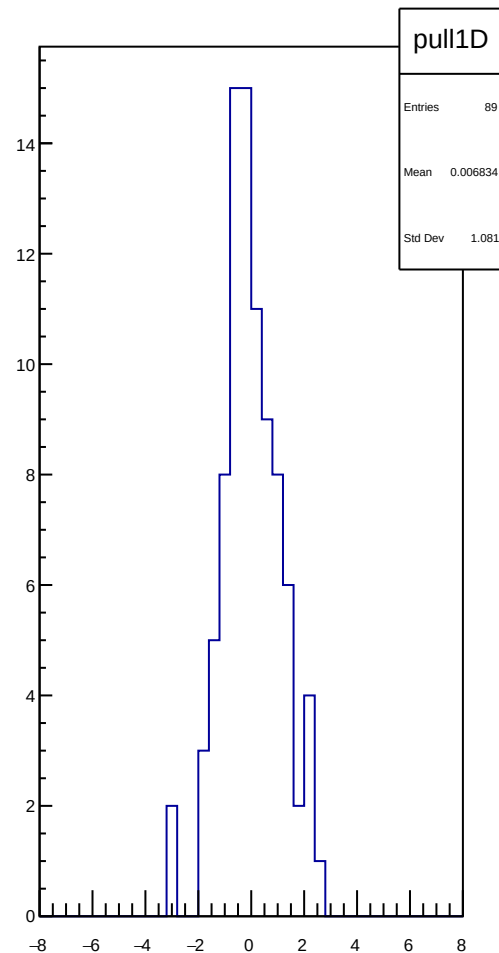
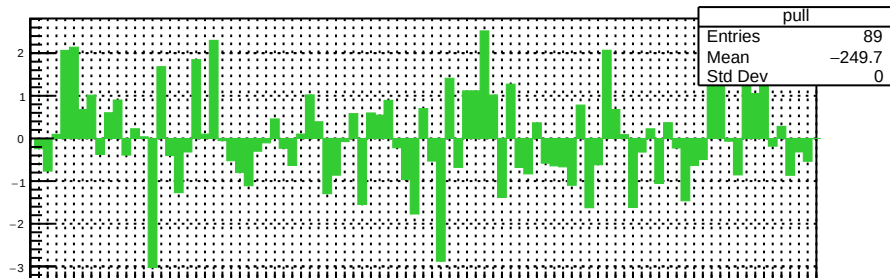
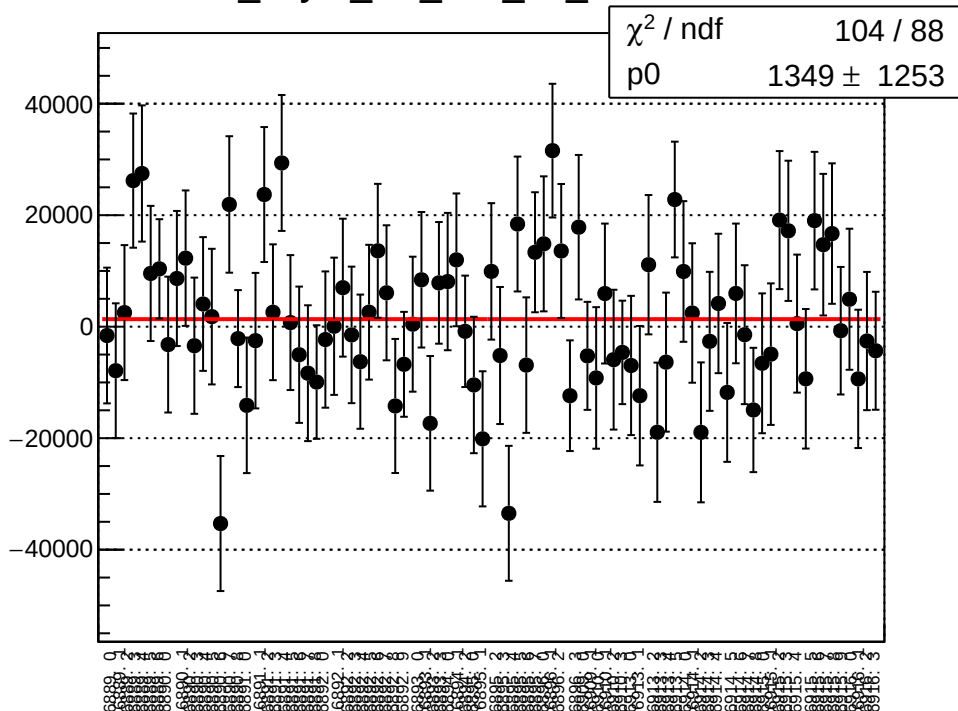
asym_usl_atl2_dd_reg_correction_mean vs run



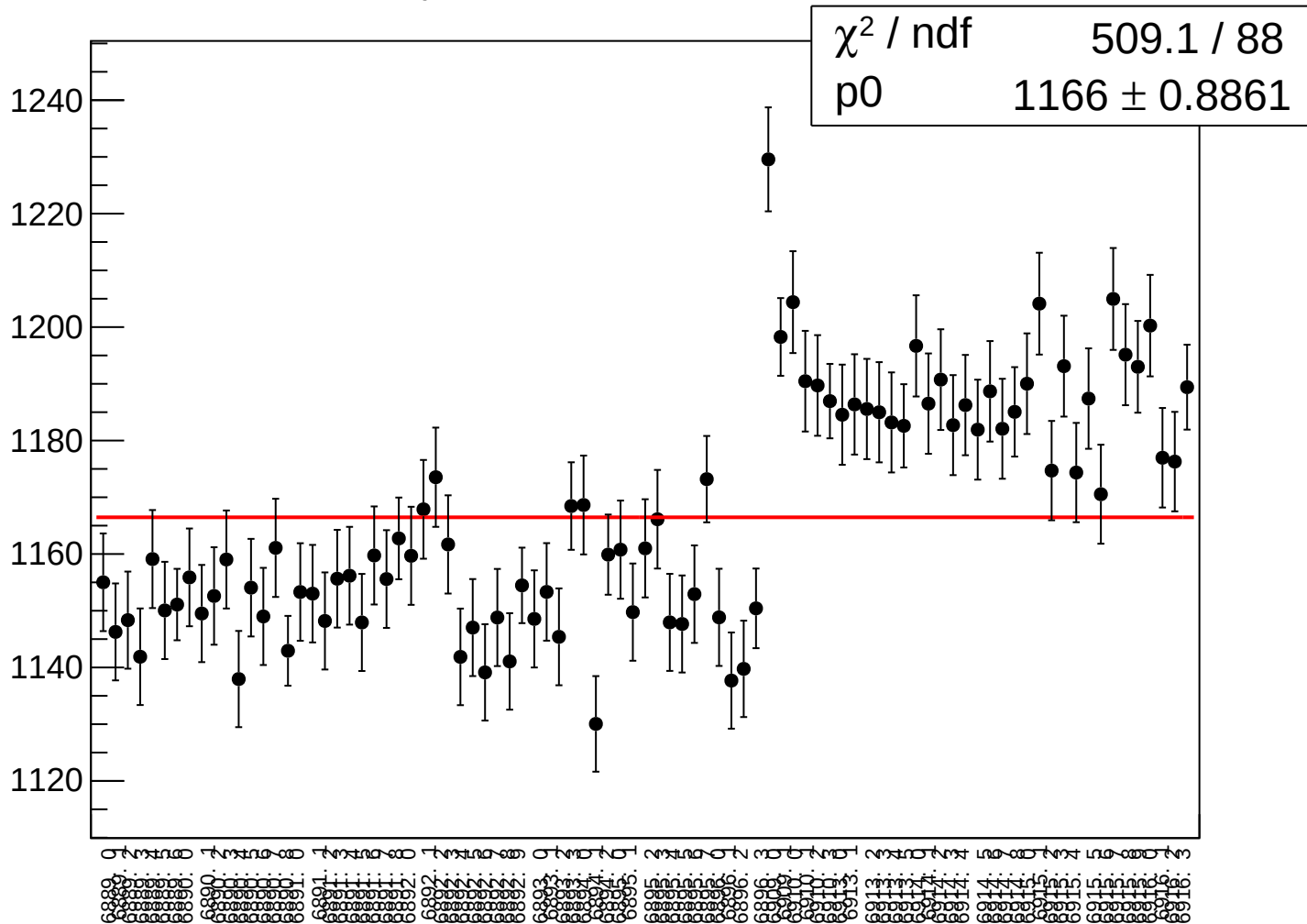
asym_usl_atl2_dd_reg_correction_rms vs run



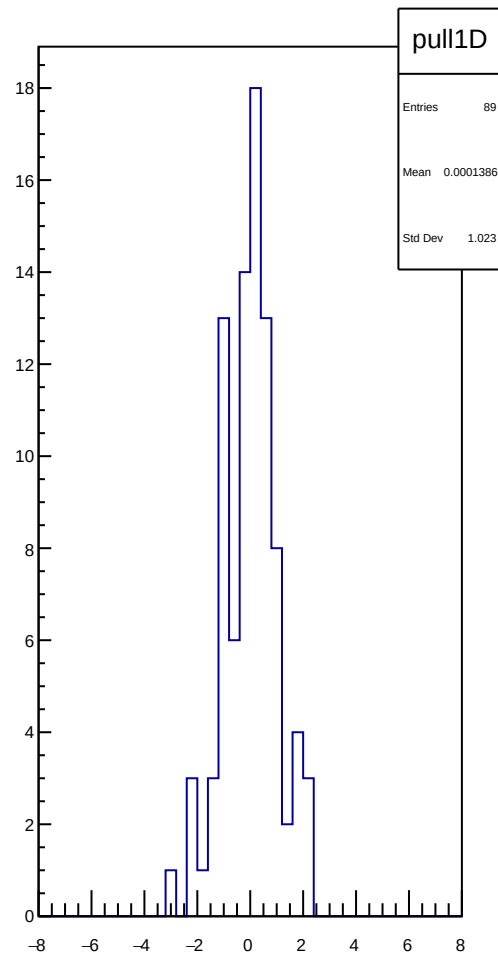
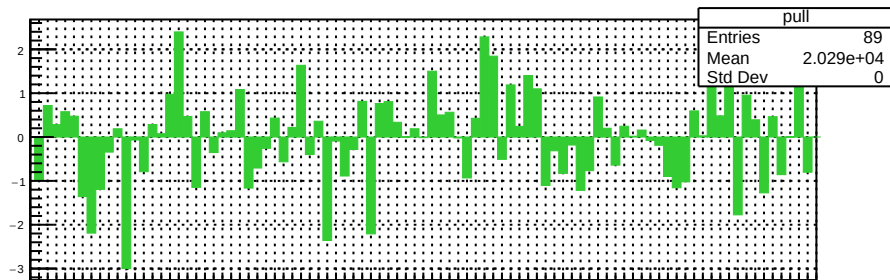
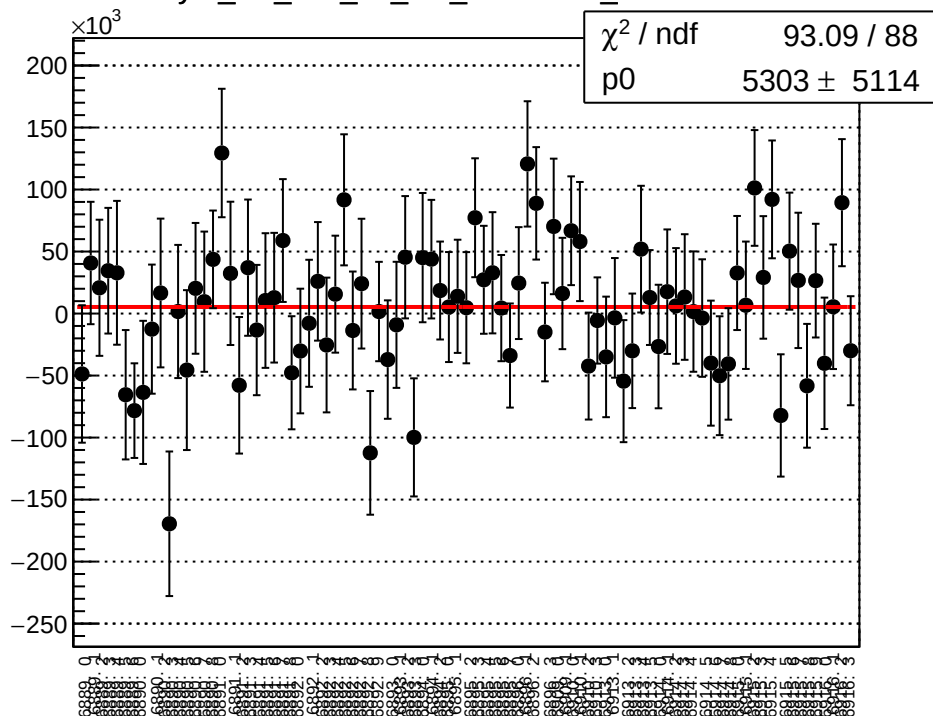
cor_asym_usl_atl2_dd_mean vs run



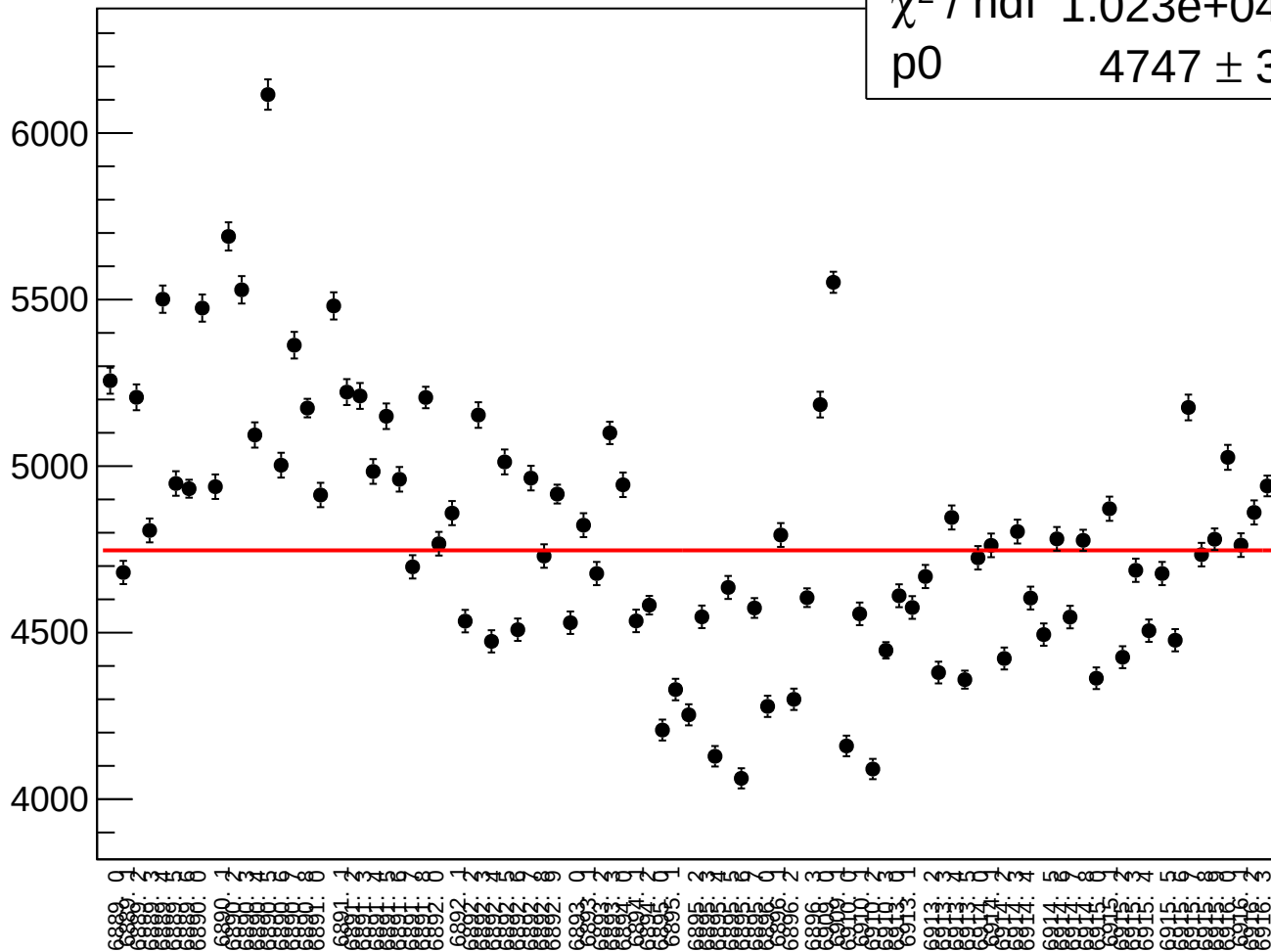
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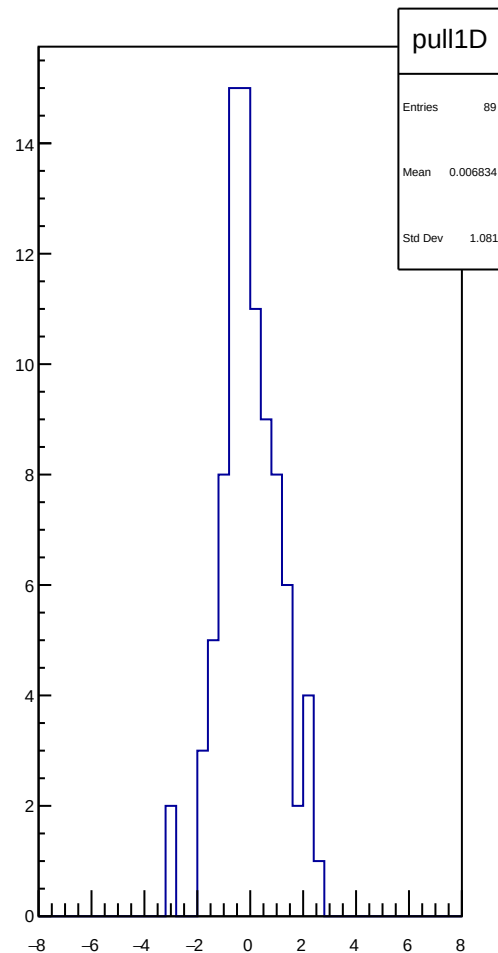
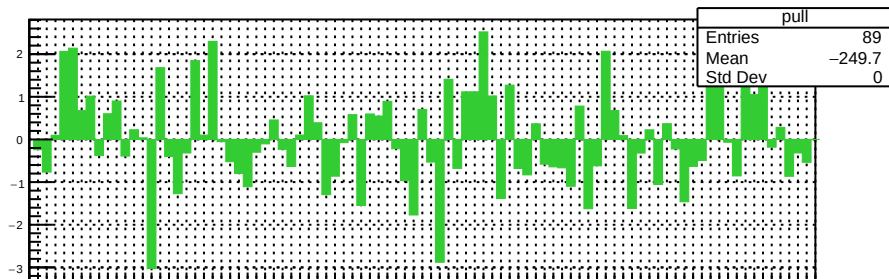
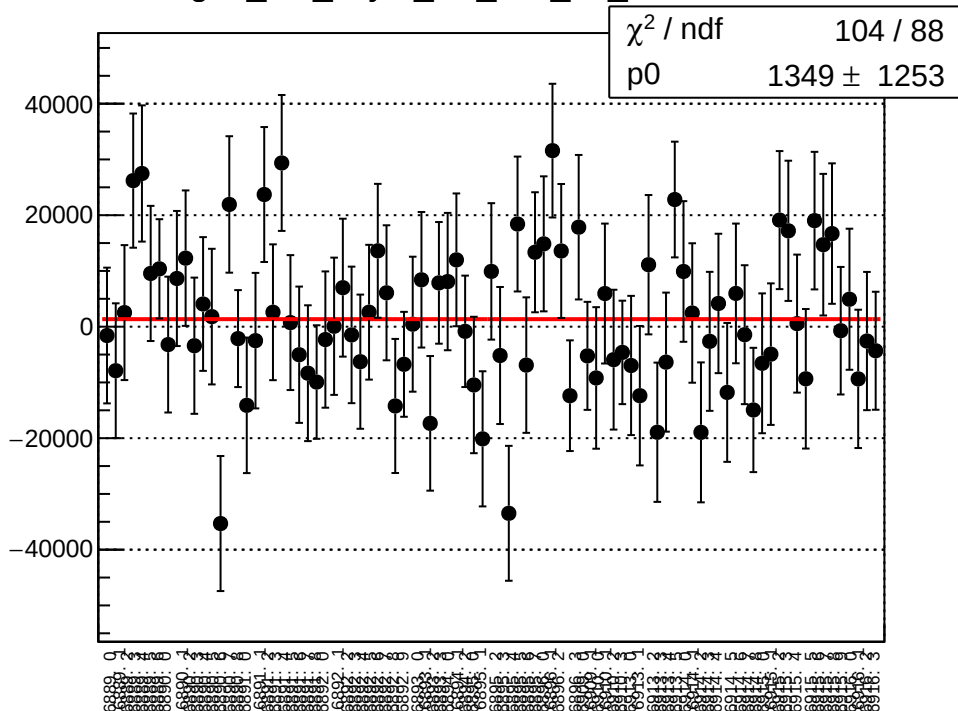
asym_usl_atl2_dd_cor_correction_mean vs run



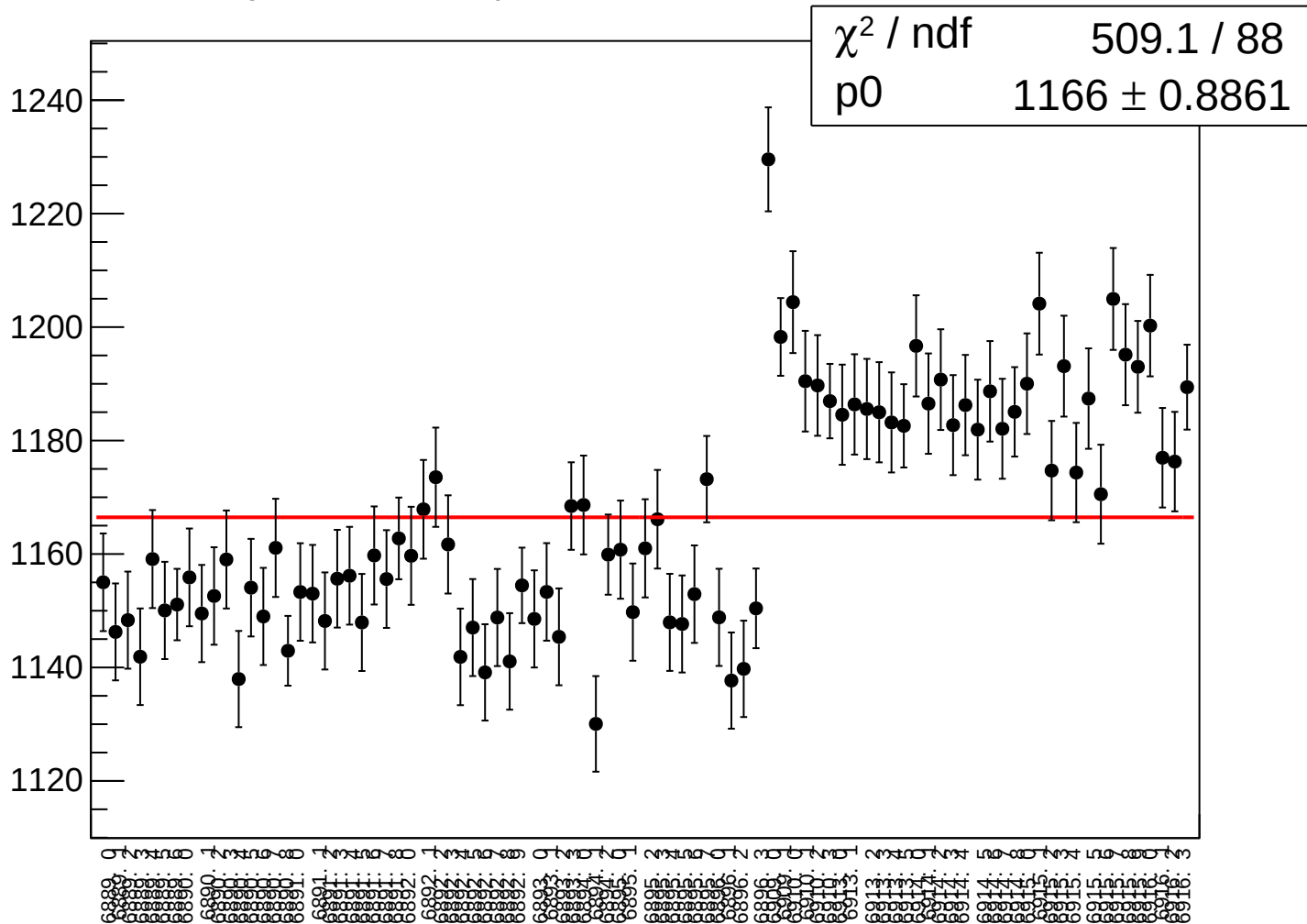
χ^2 / ndf 1.023e+04 / 88
p0 4747 $\pm$ 3.616



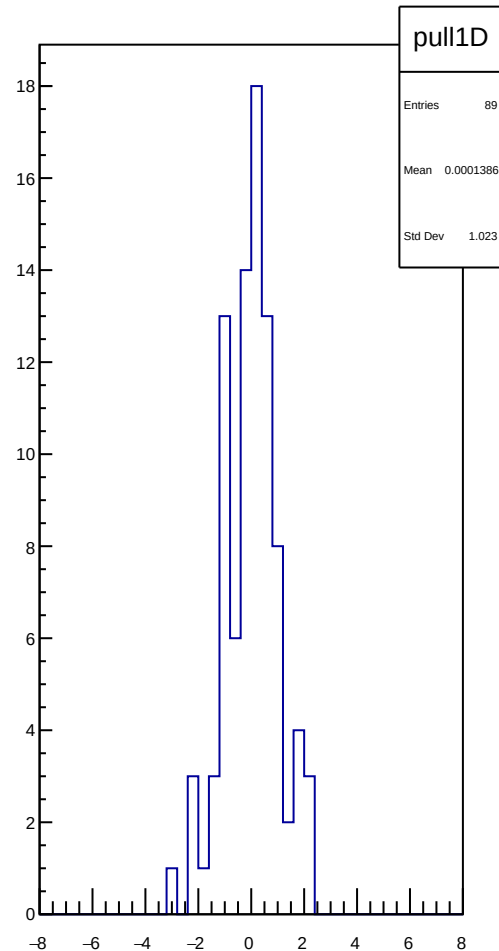
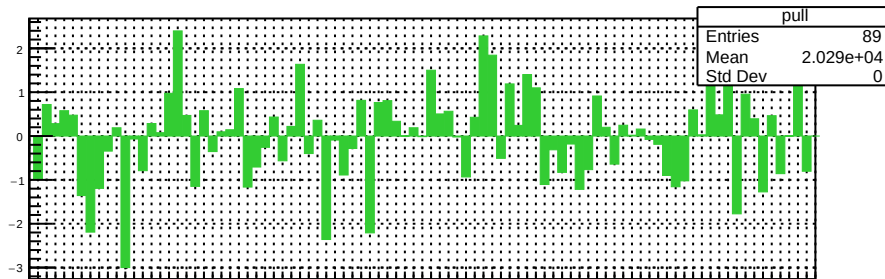
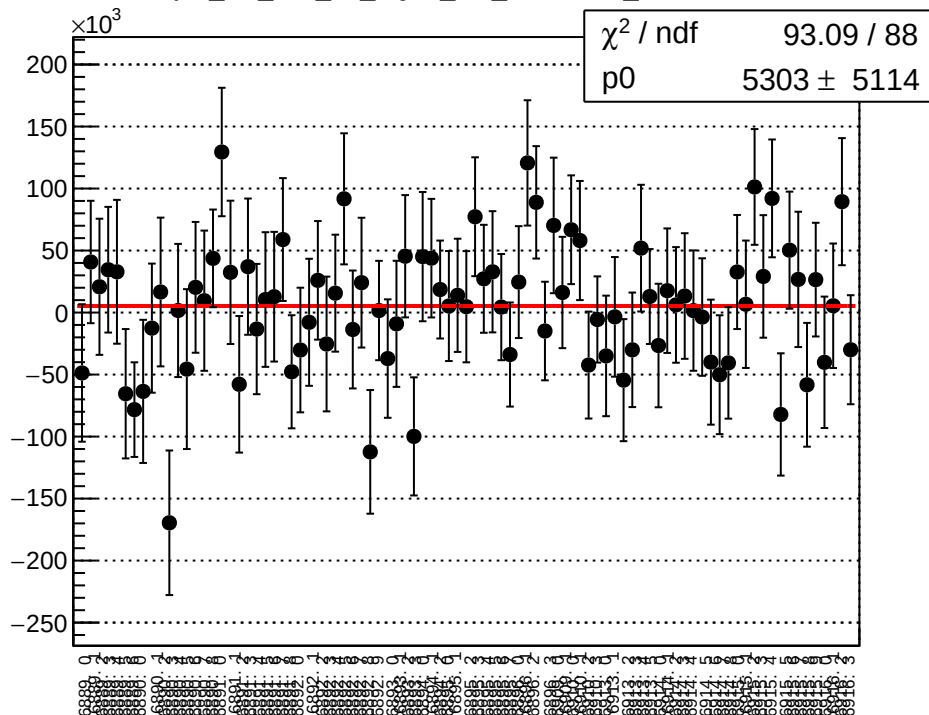
eigen_cor_asym_usl_atl2_dd_mean vs run



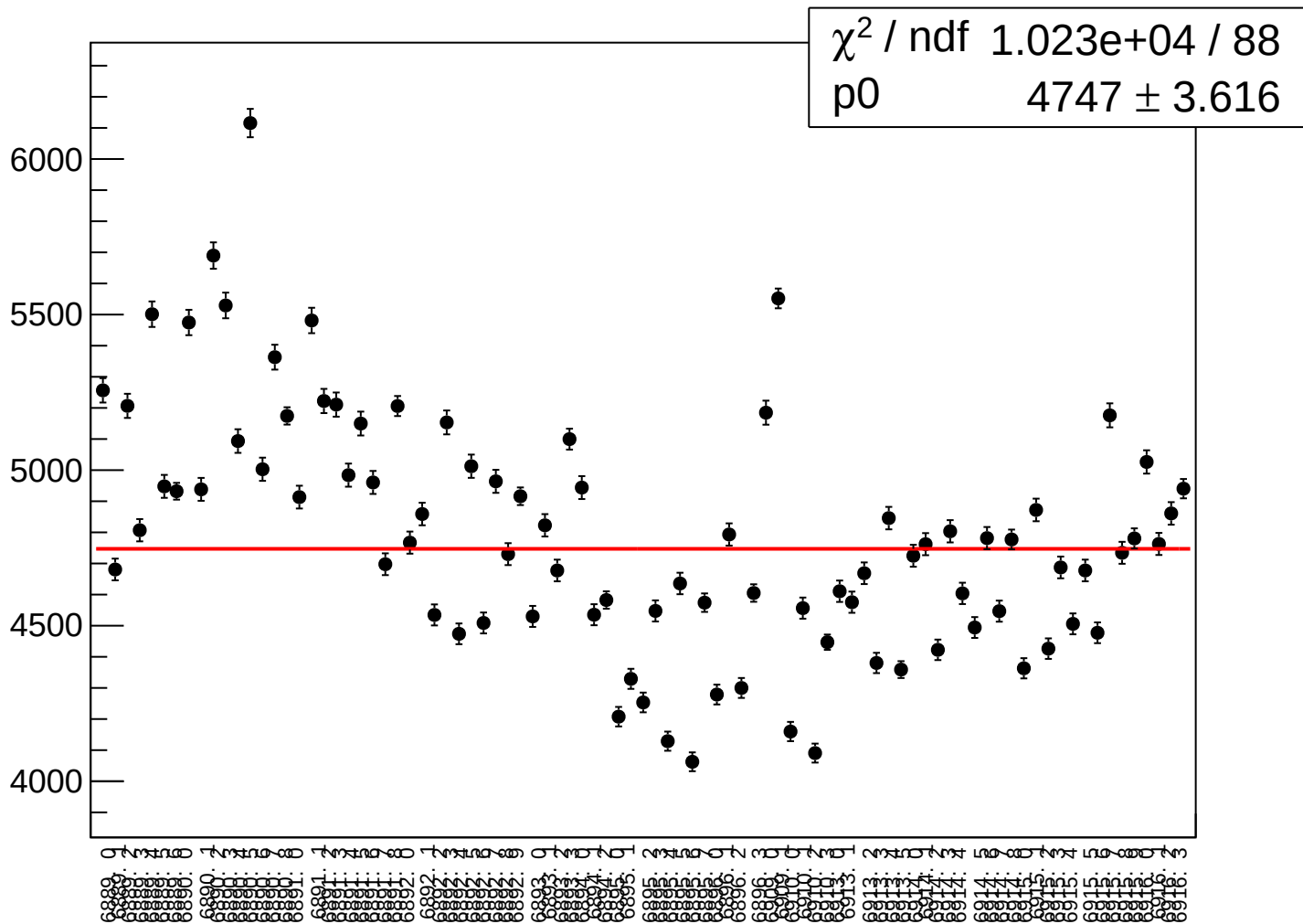
eigen_cor_asym_usl_atl2_dd_rms vs run



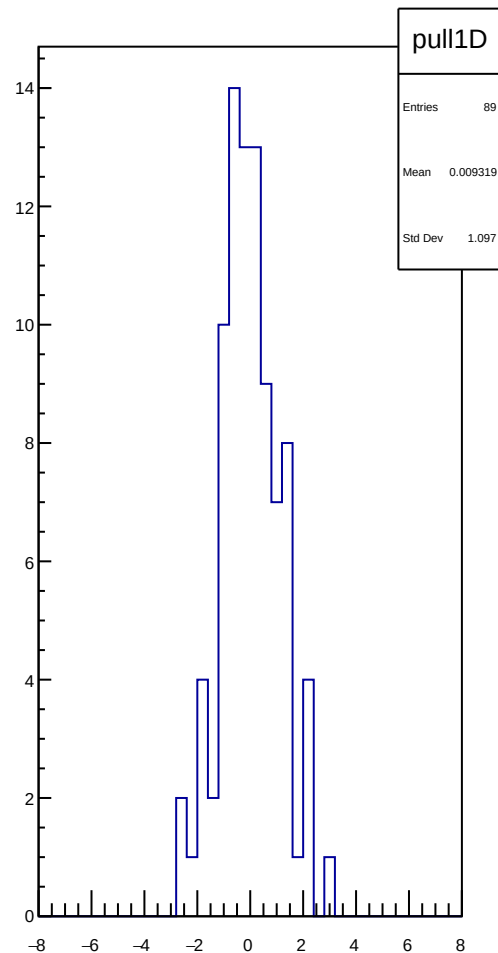
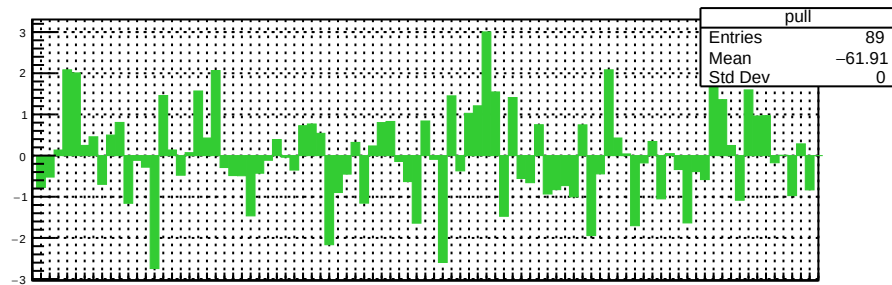
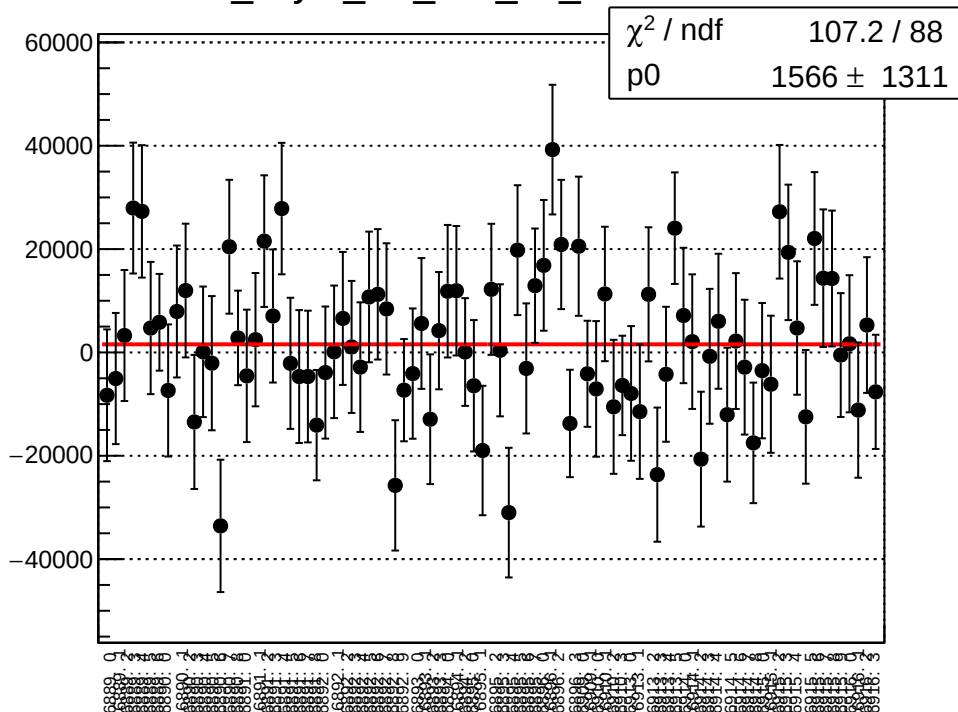
asym_usl_atl2_dd_eigen_cor_correction_mean vs run



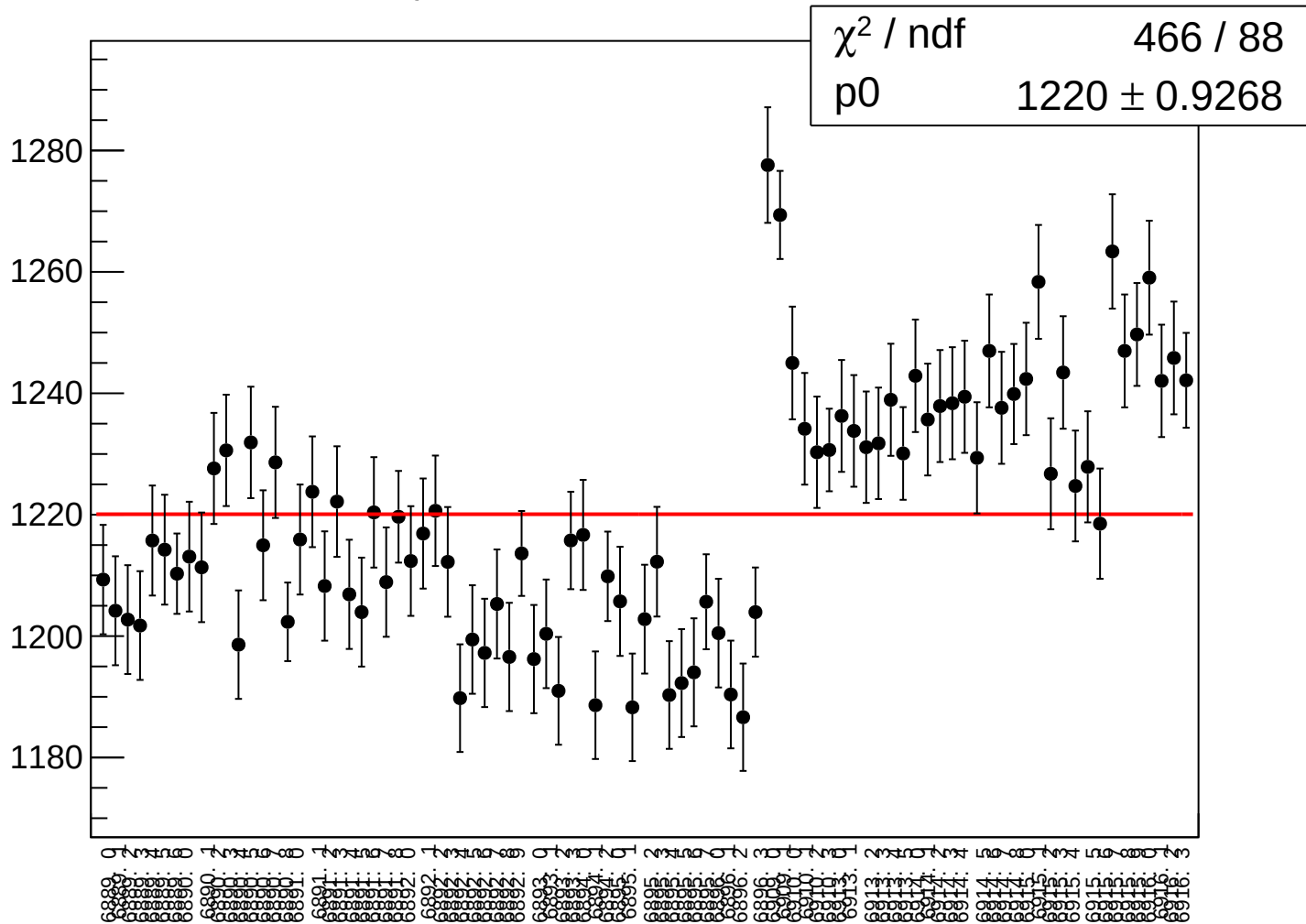
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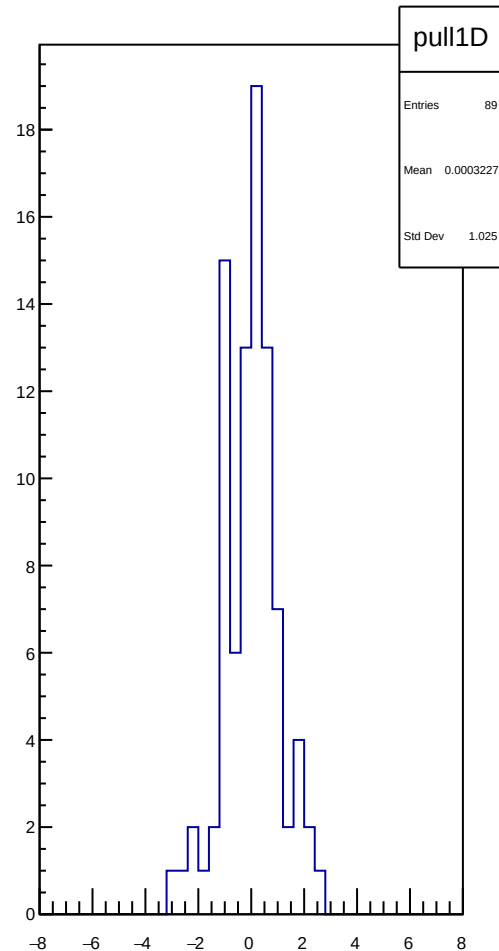
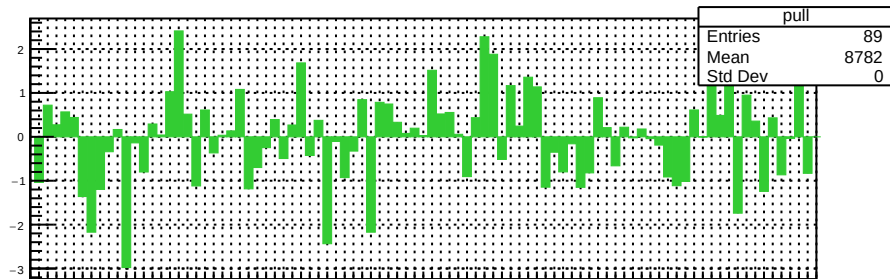
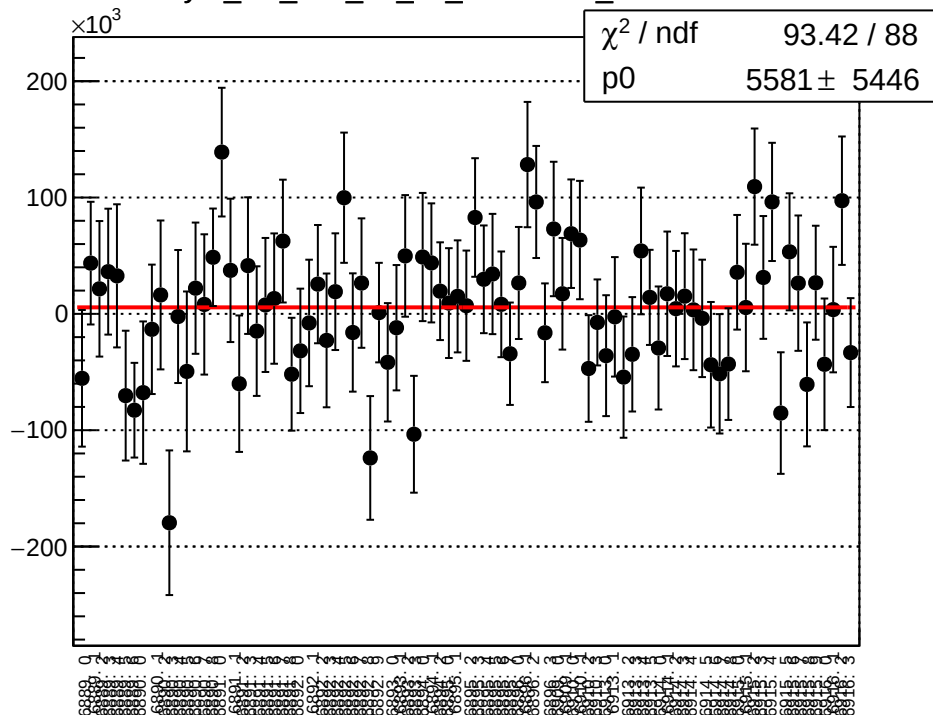
dit_asym_usl_atl2_dd_mean vs run



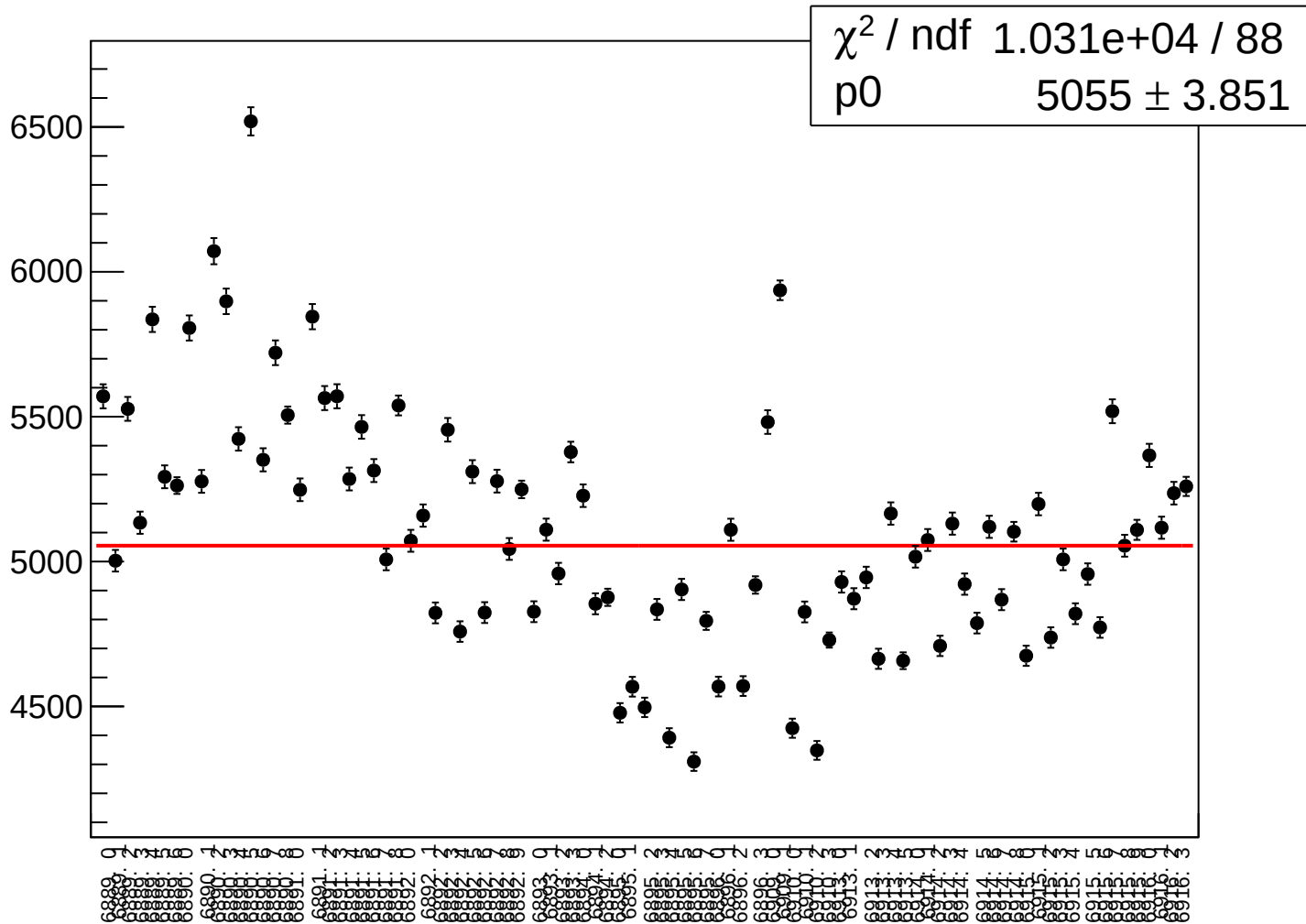
dit_asym_usl_atl2_dd_rms vs run



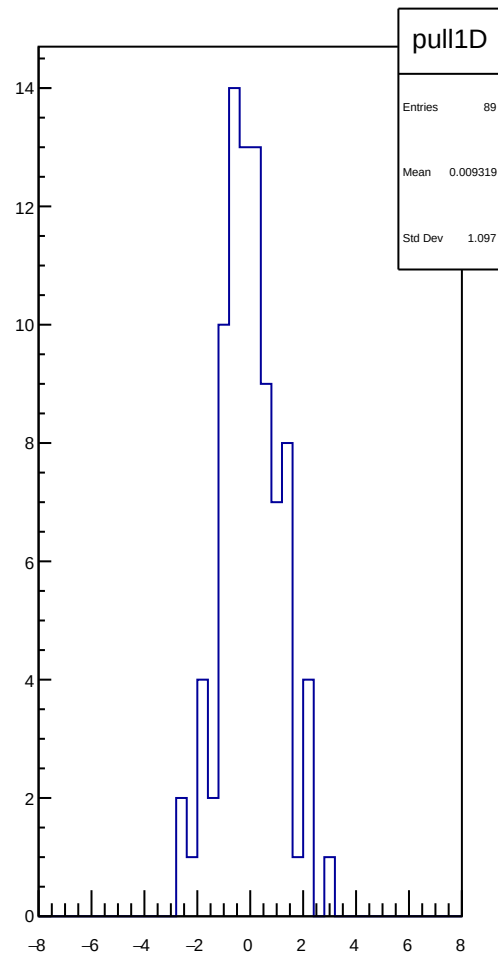
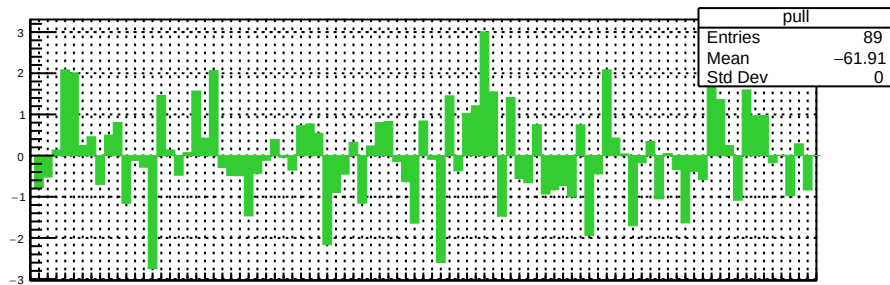
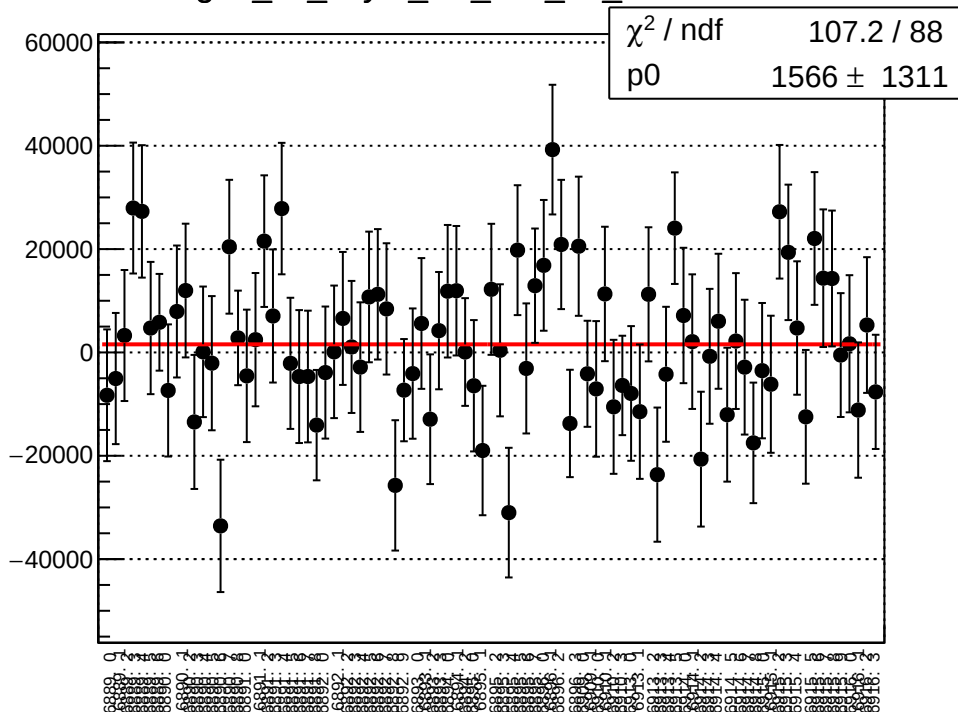
asym_usl_atl2_dd_dit_correction_mean vs run



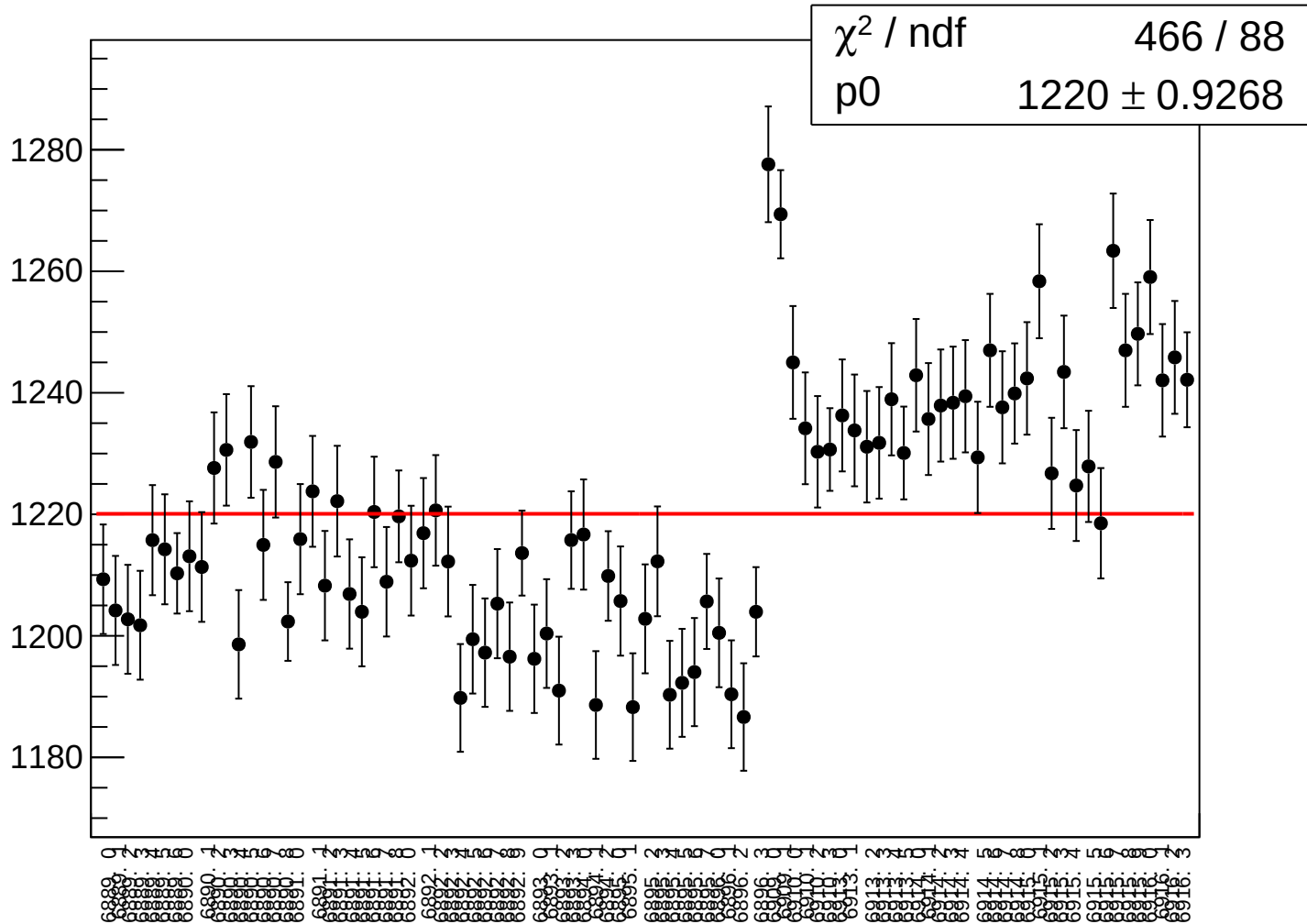
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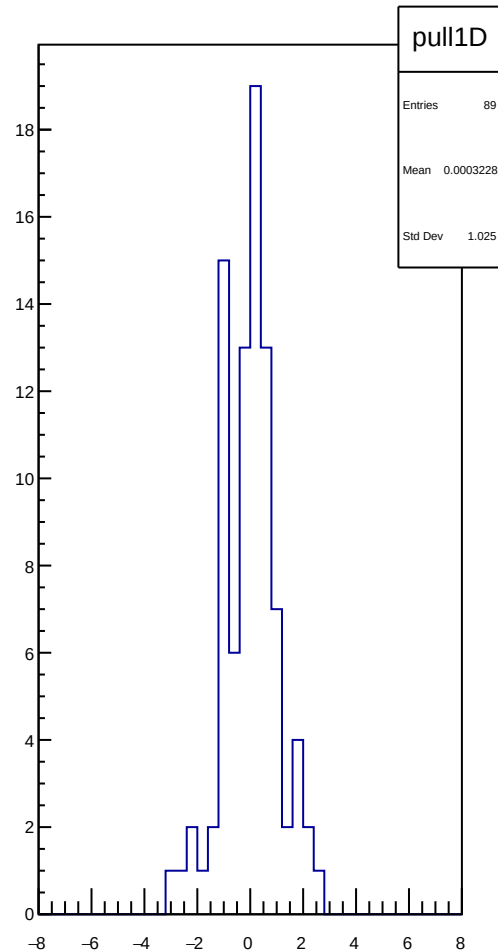
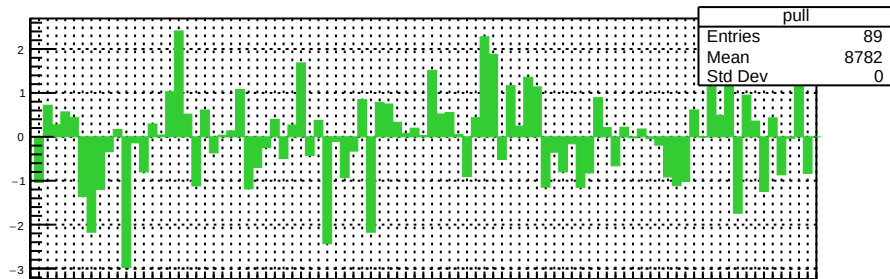
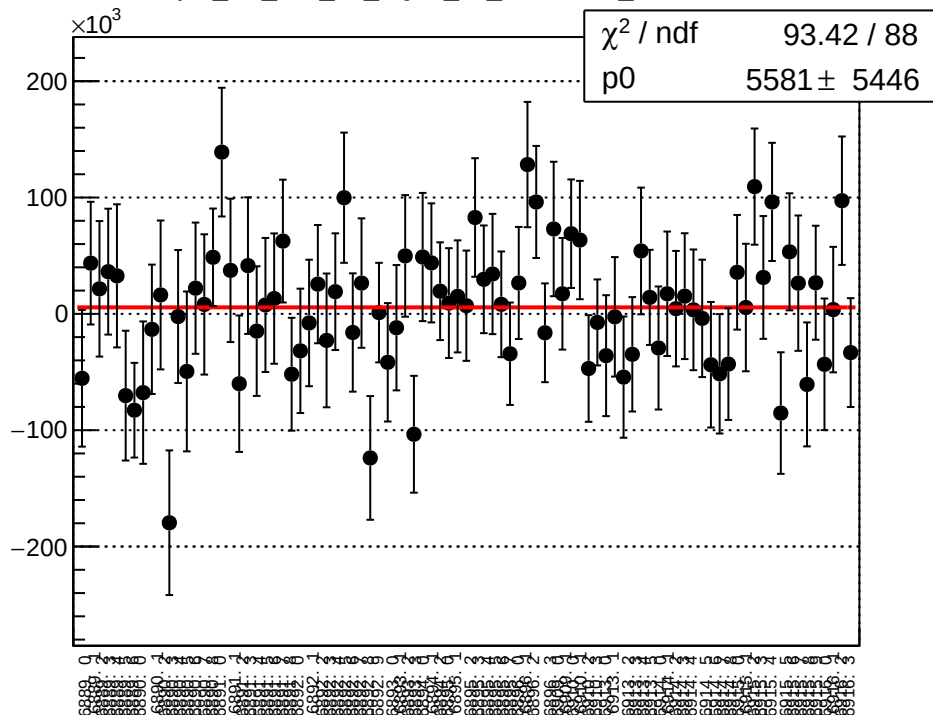
eigen_dit_asym_usl_atl2_dd_mean vs run



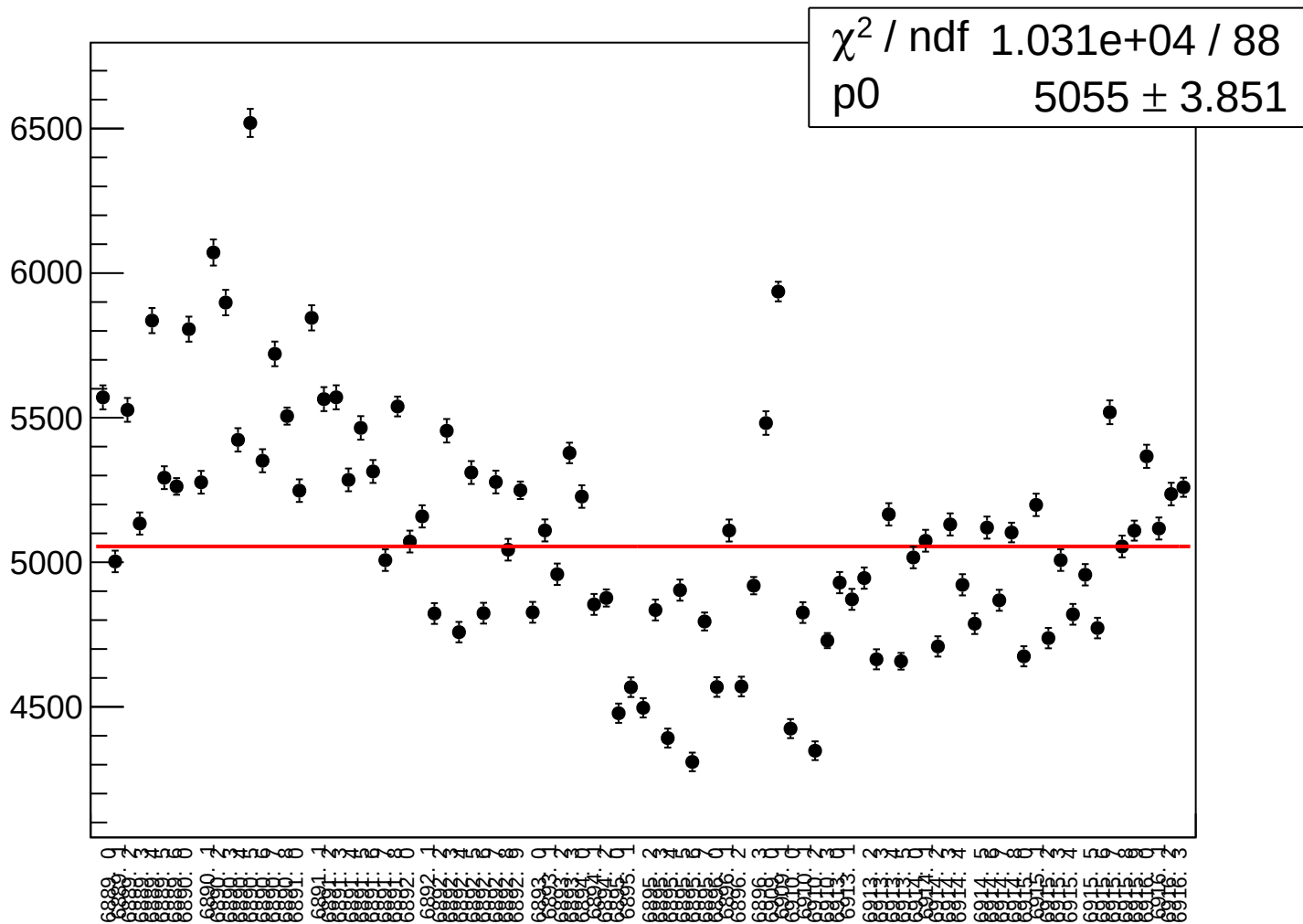
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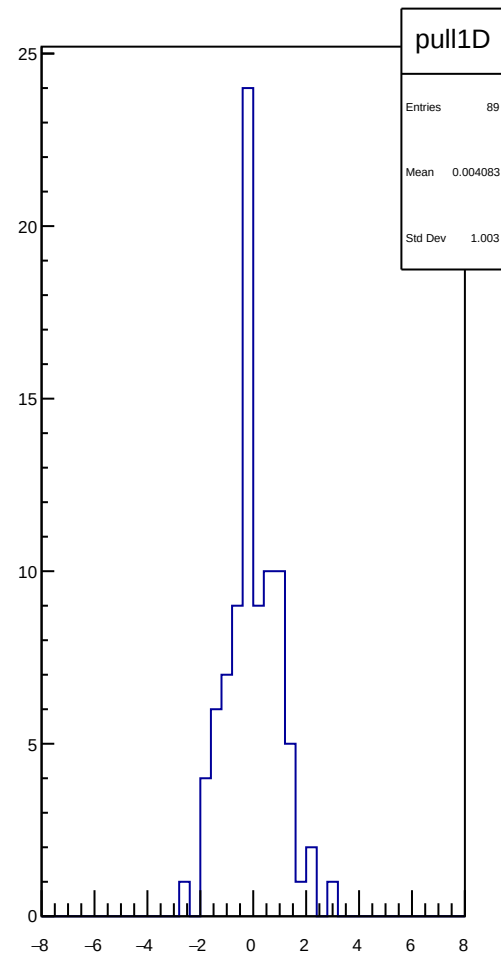
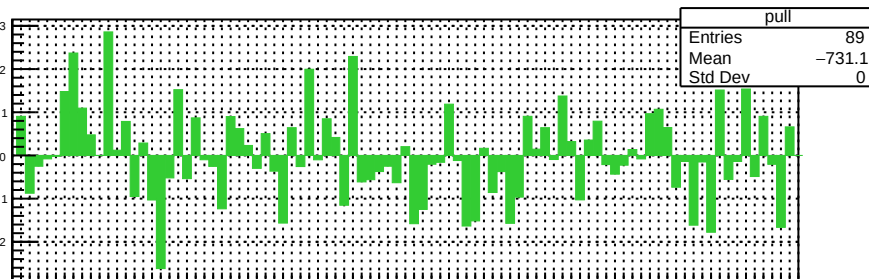
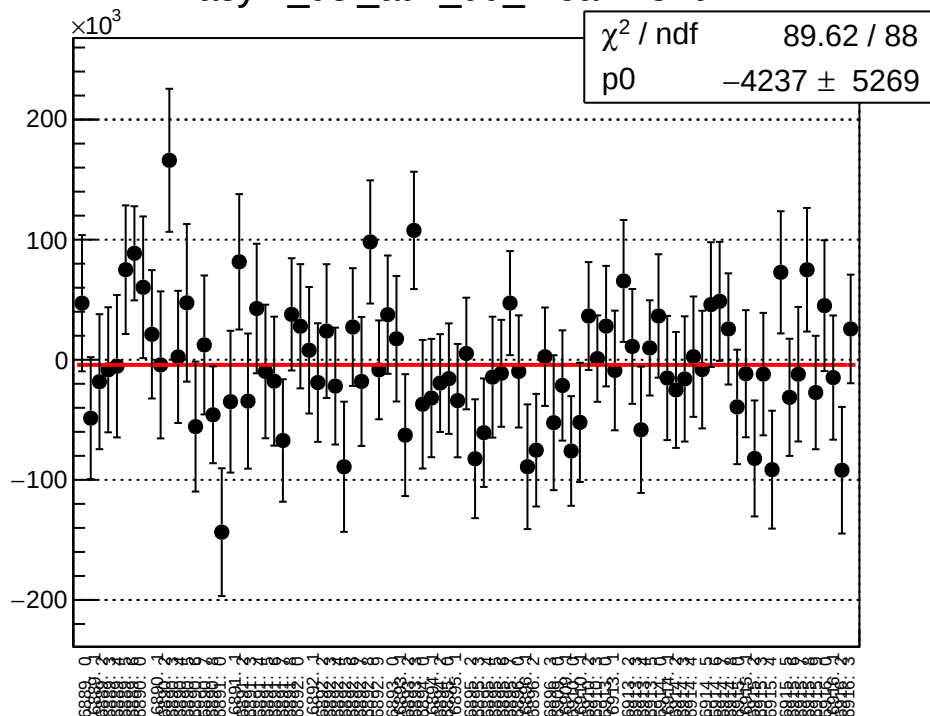
asym_usl_atl2_dd_eigen_dit_correction_mean vs run



asym_usl_atl2_dd_eigen_dit_correction_rms vs run

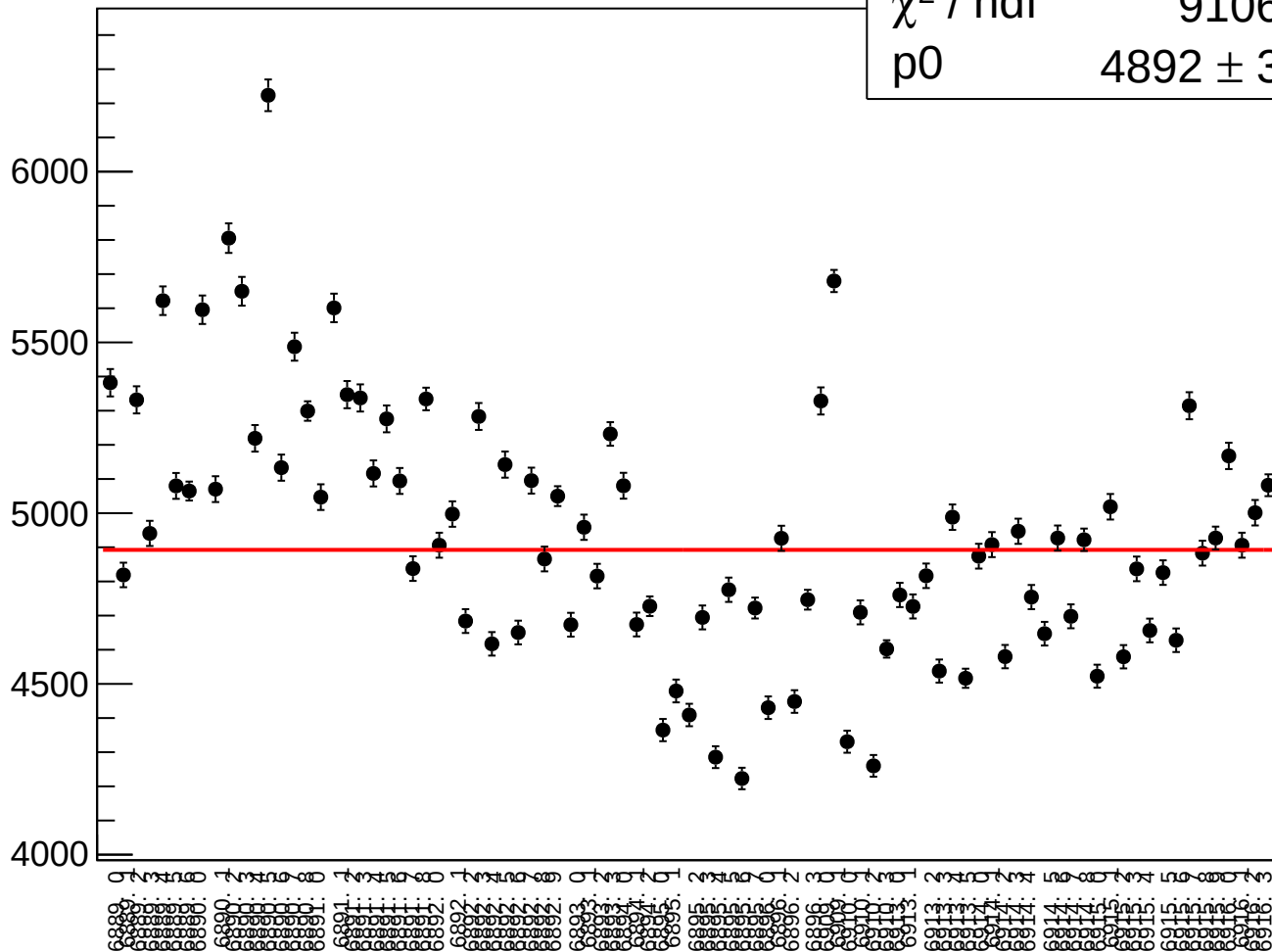


asym_usl_atl2_dd_mean vs run

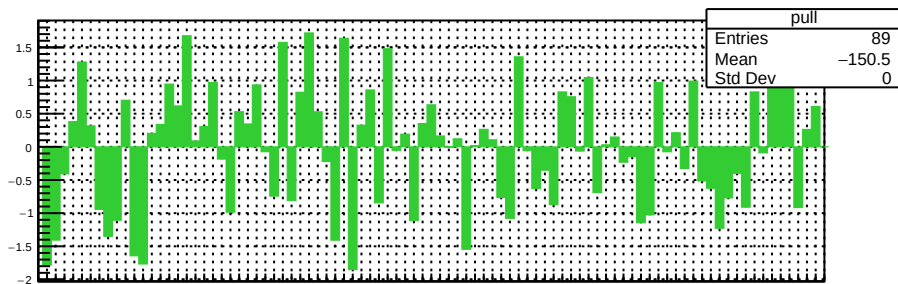
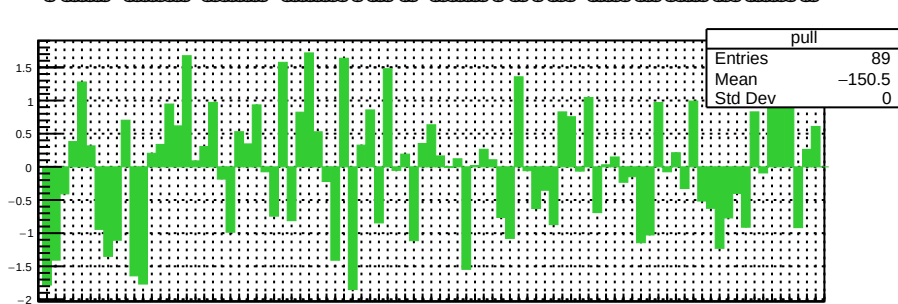
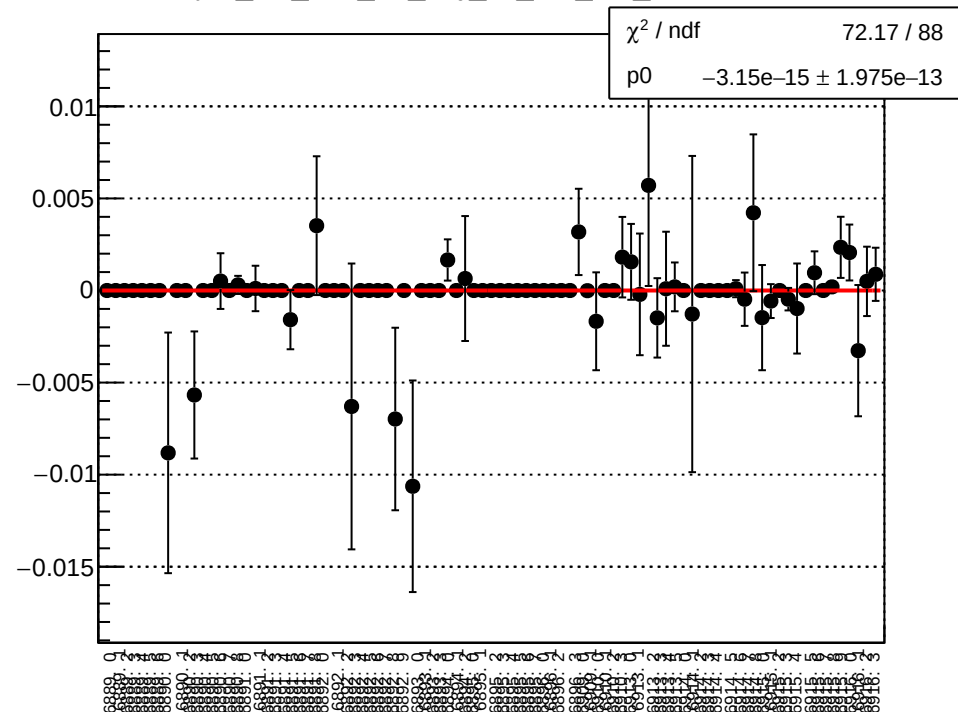


χ^2 / ndf

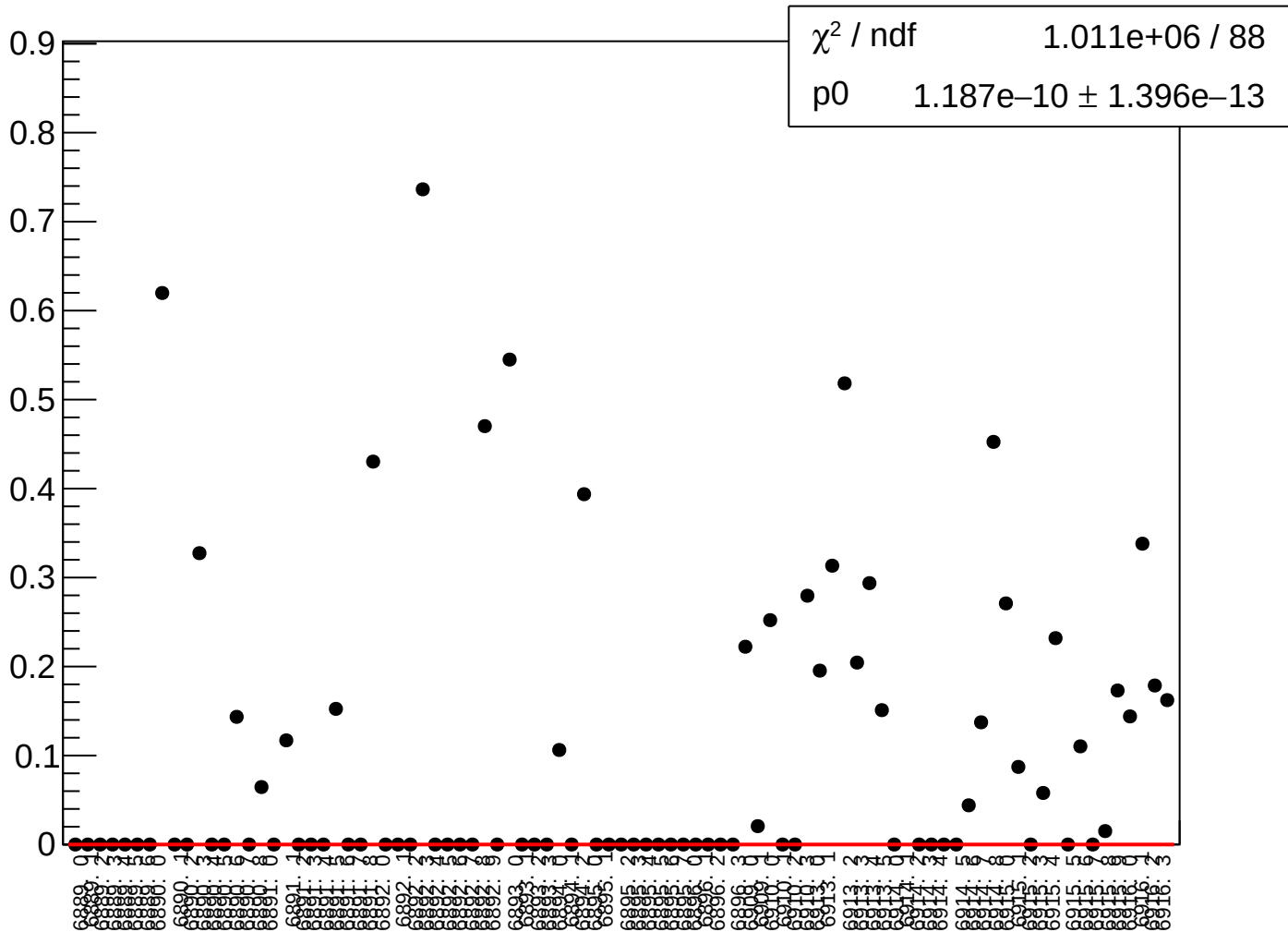
p0

$$4892 \pm 3.726$$


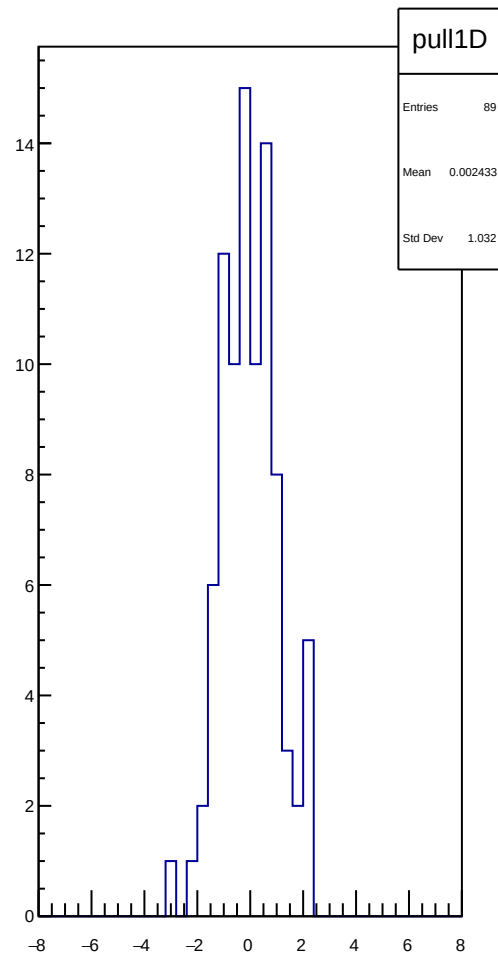
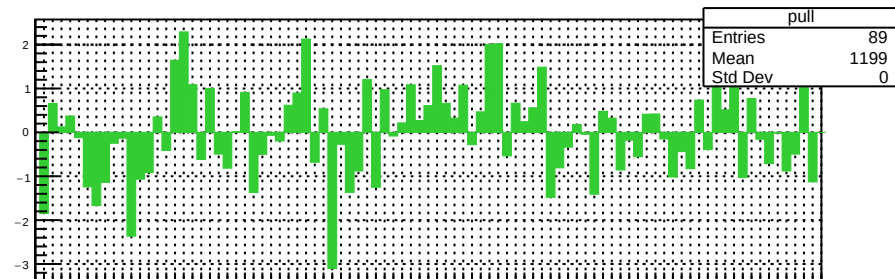
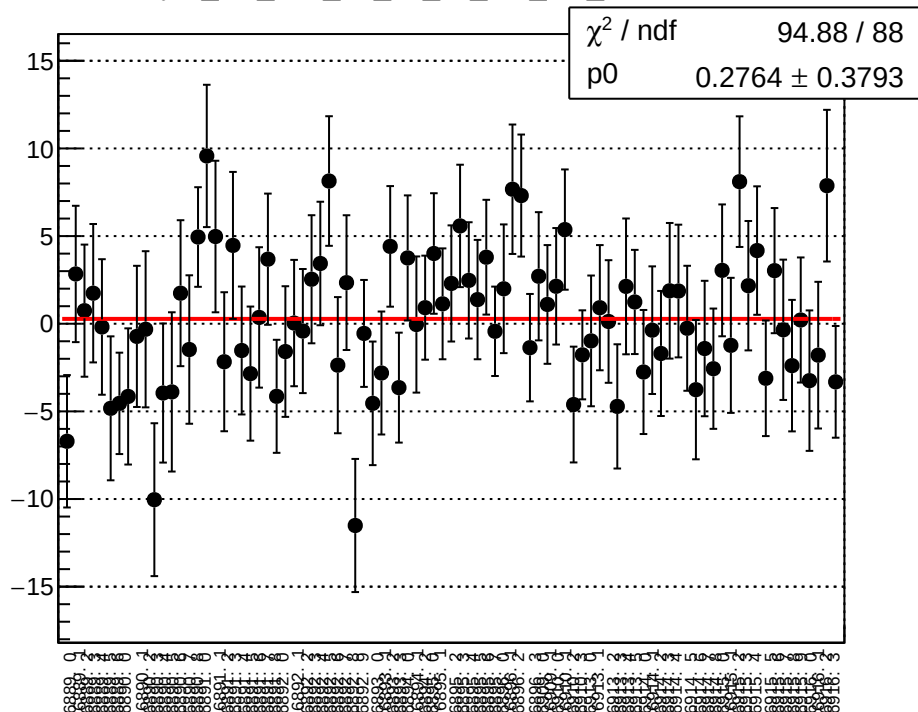
asym_usl_atl2_dd_reg_vs_cor_diff_mean vs run



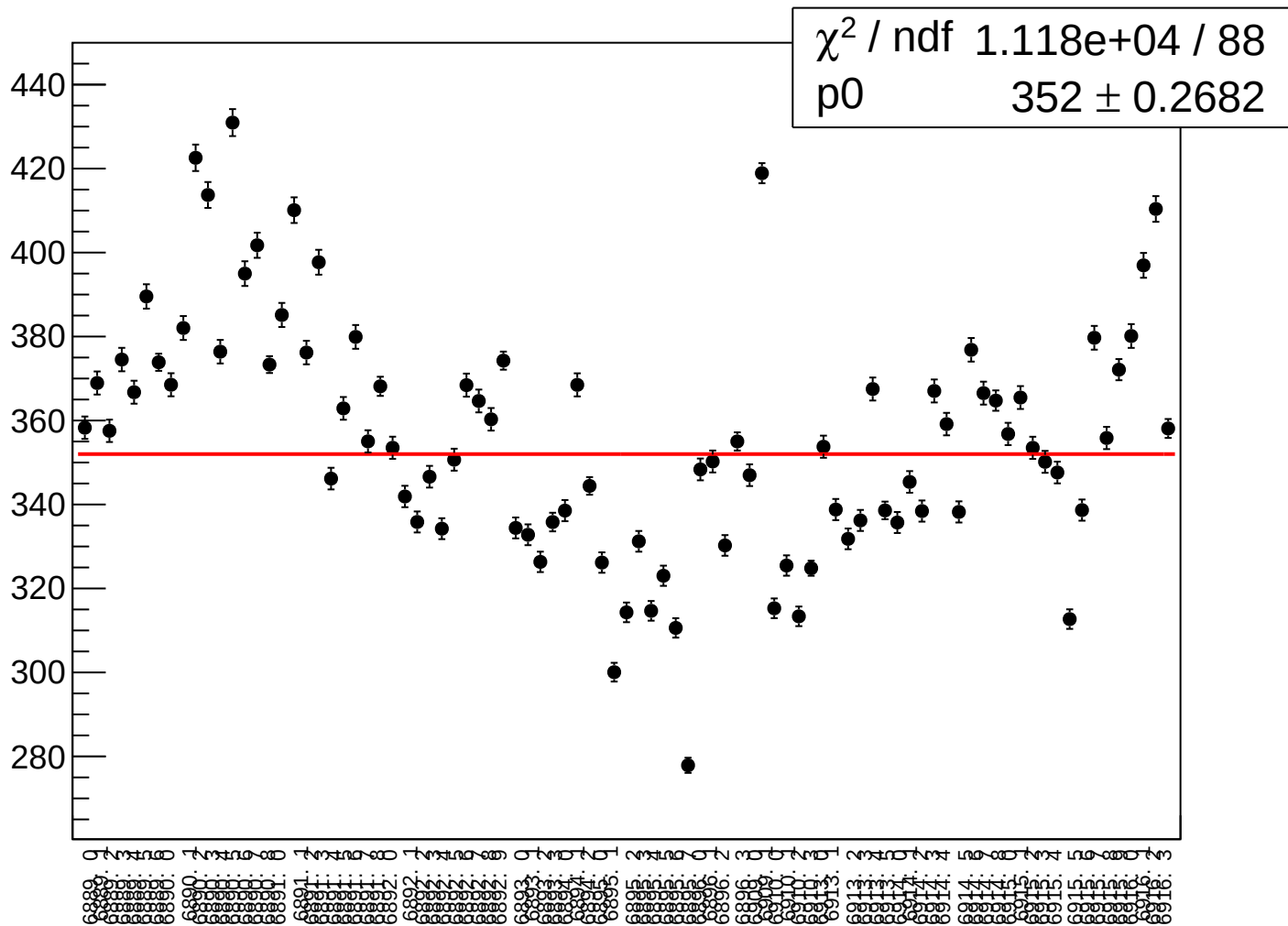
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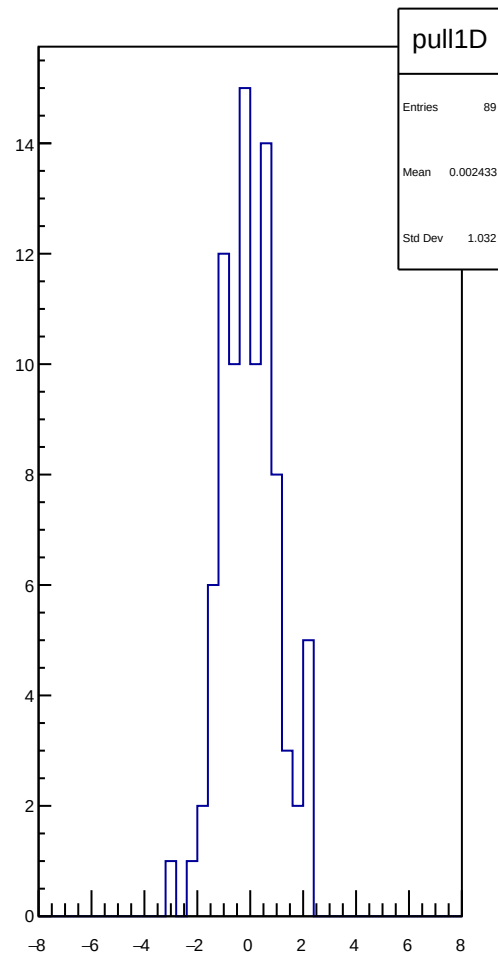
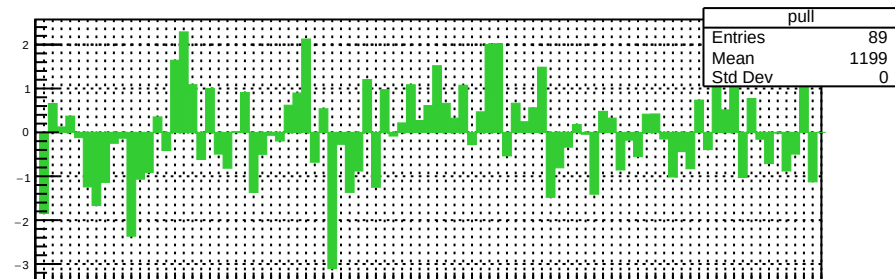
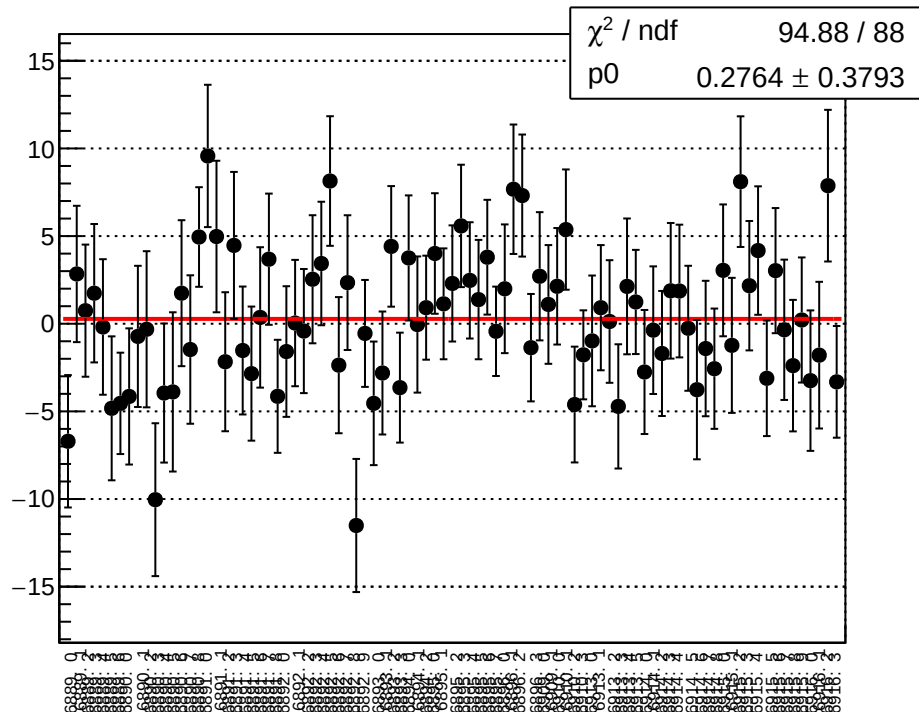
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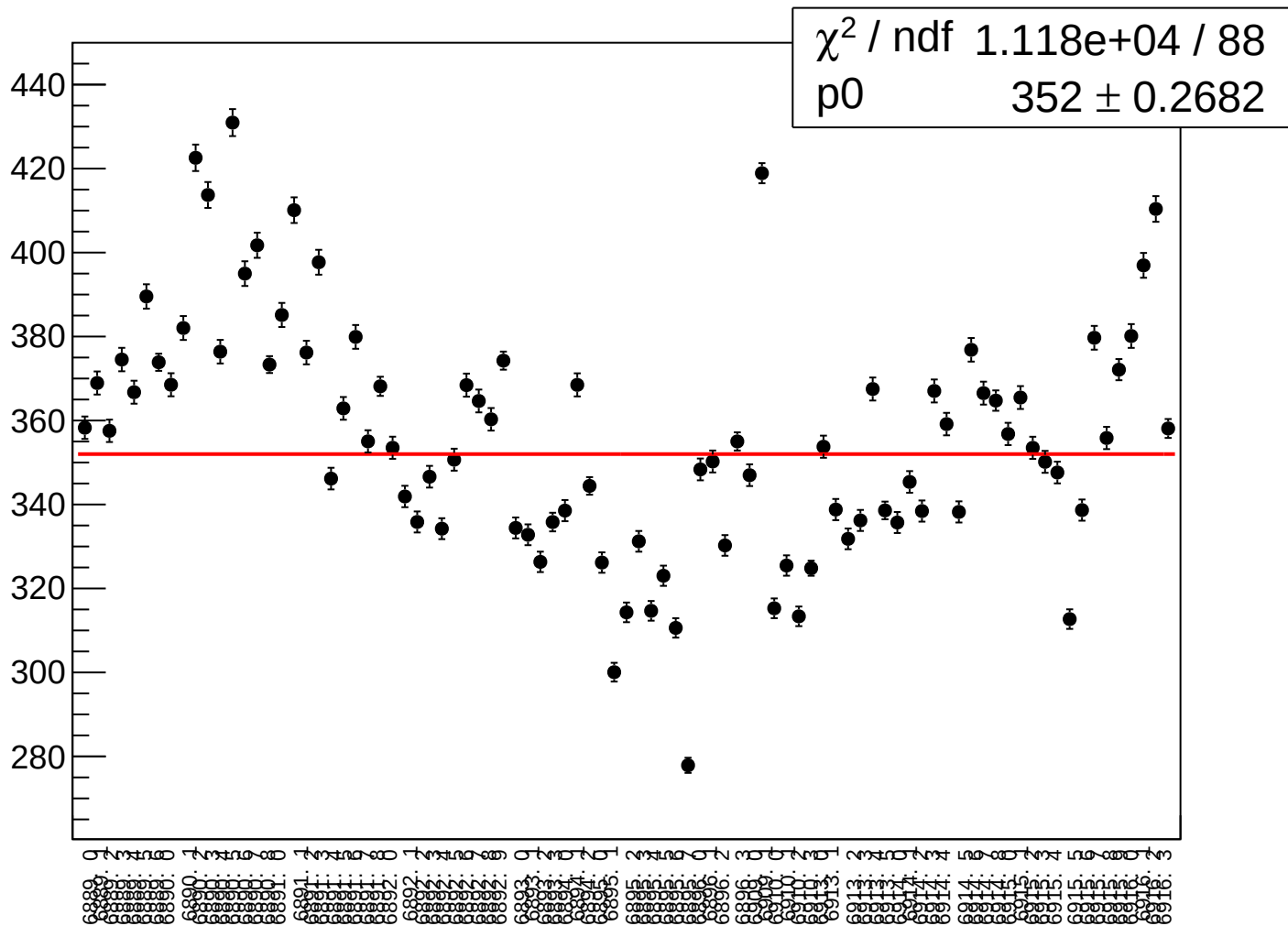
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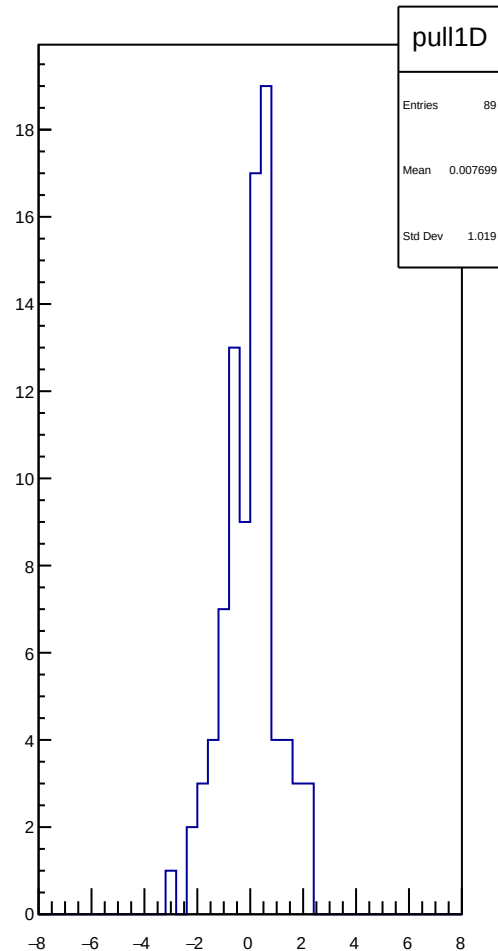
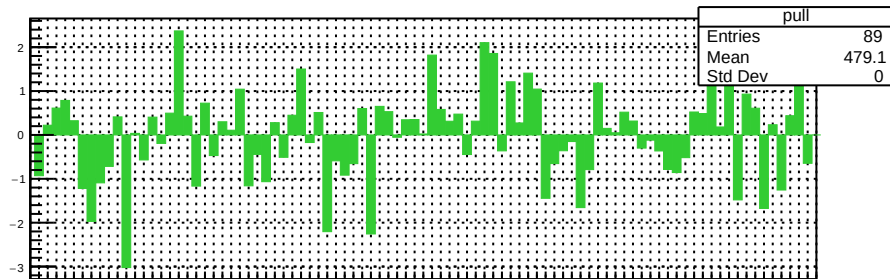
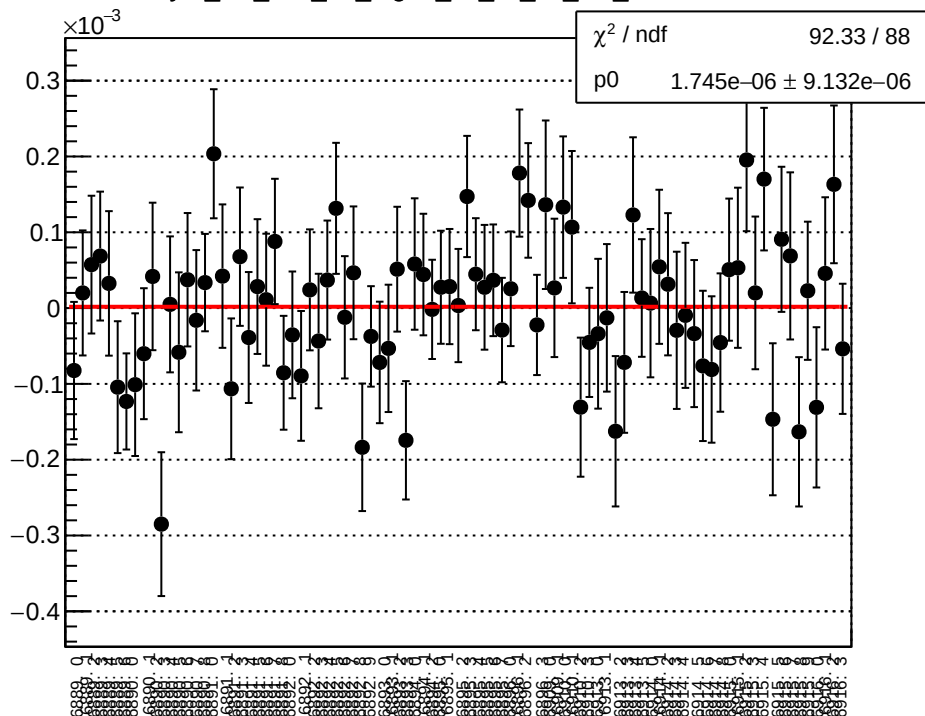
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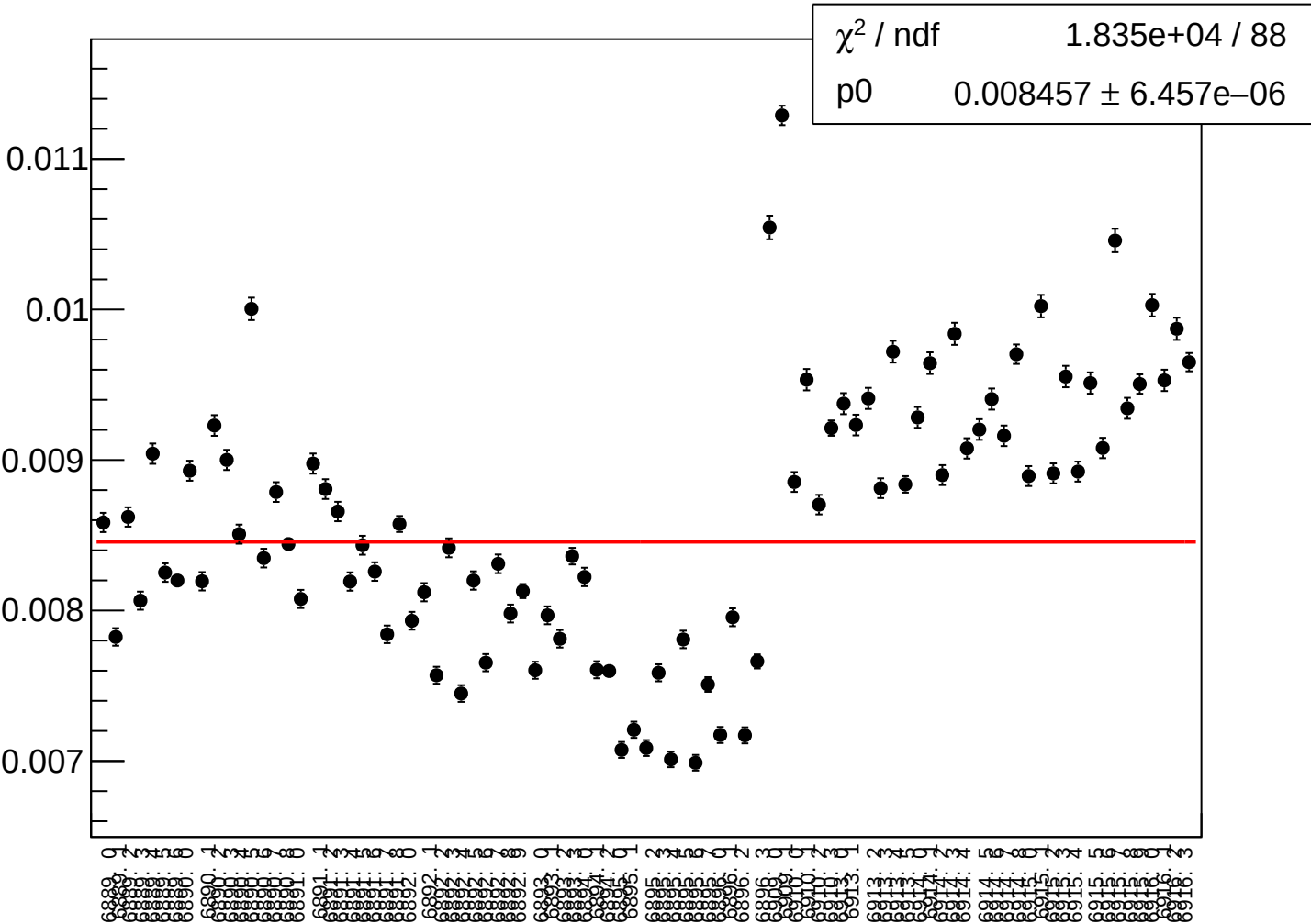
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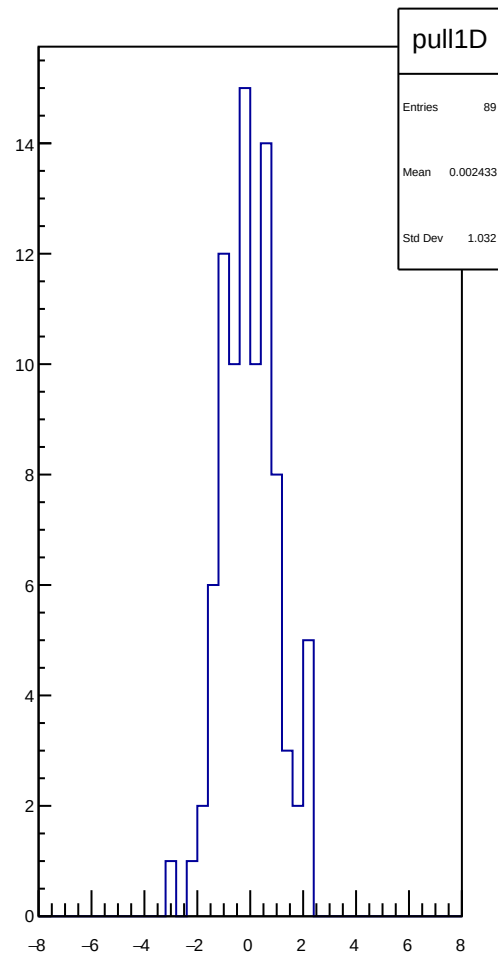
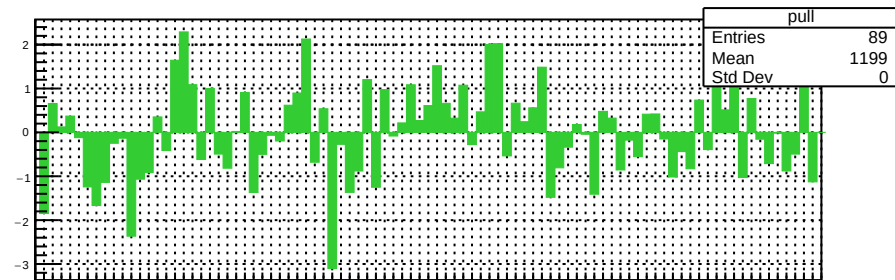
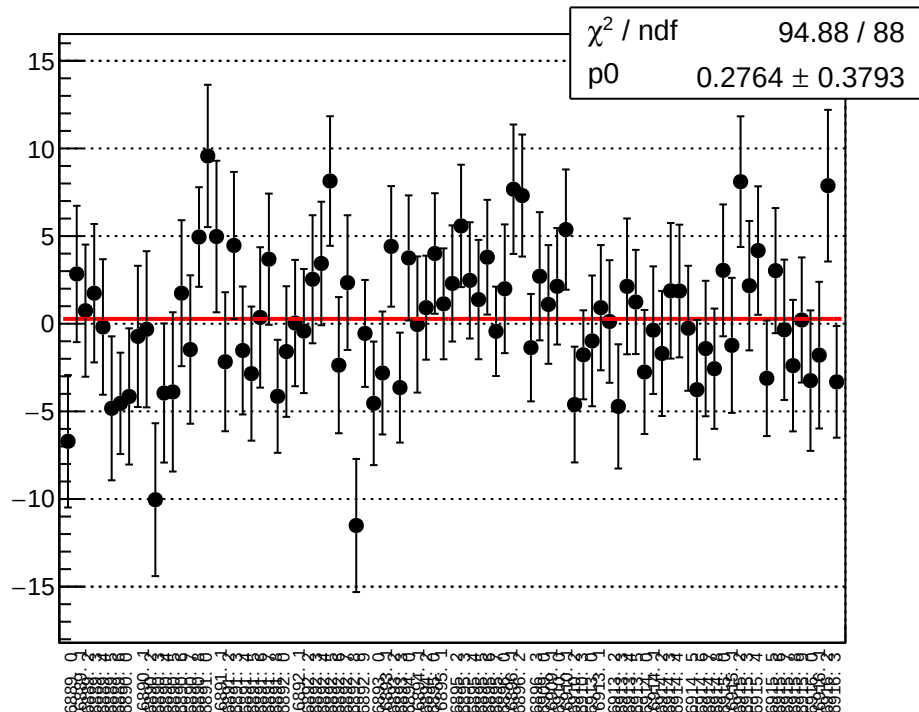
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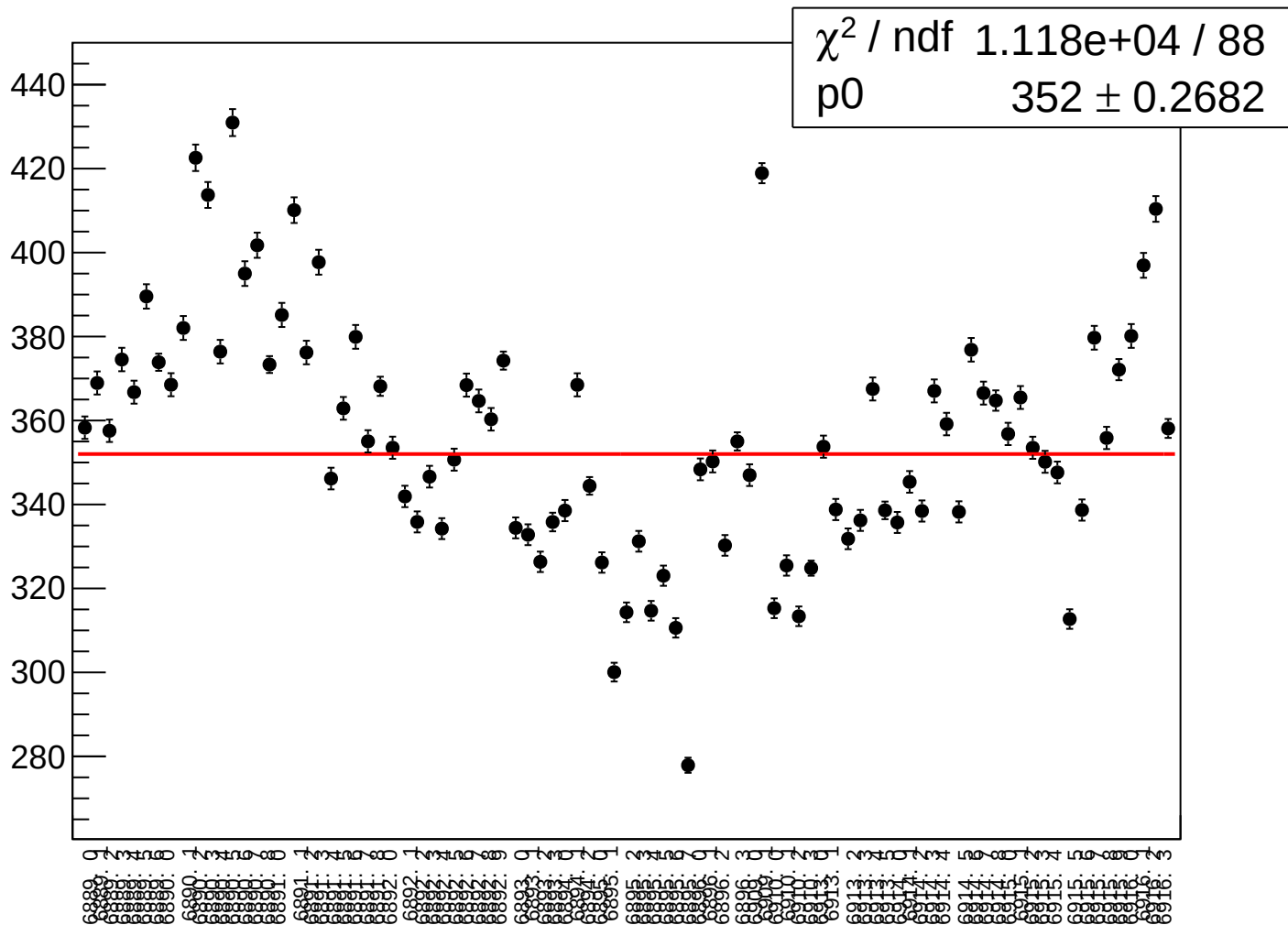
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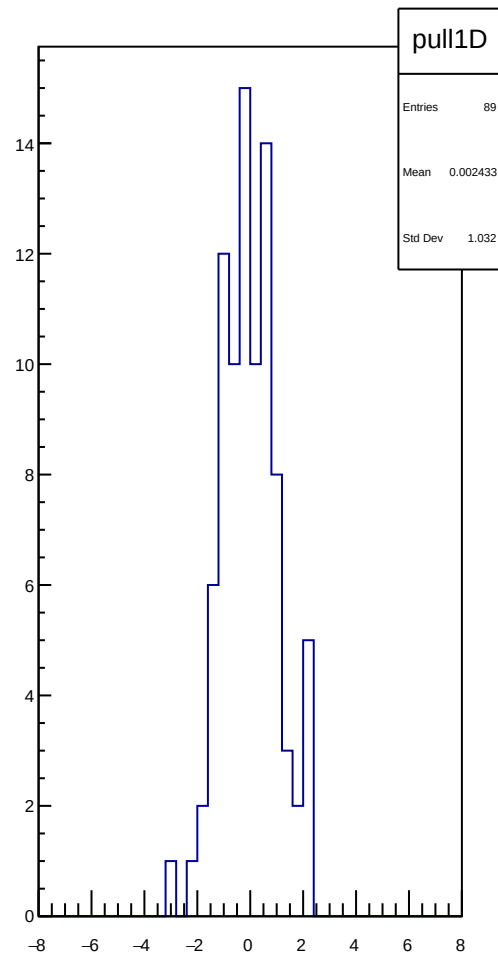
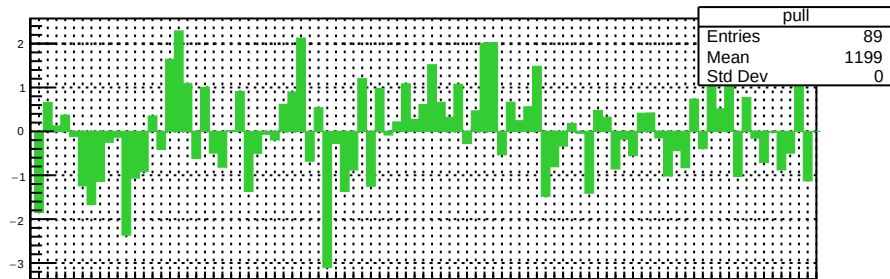
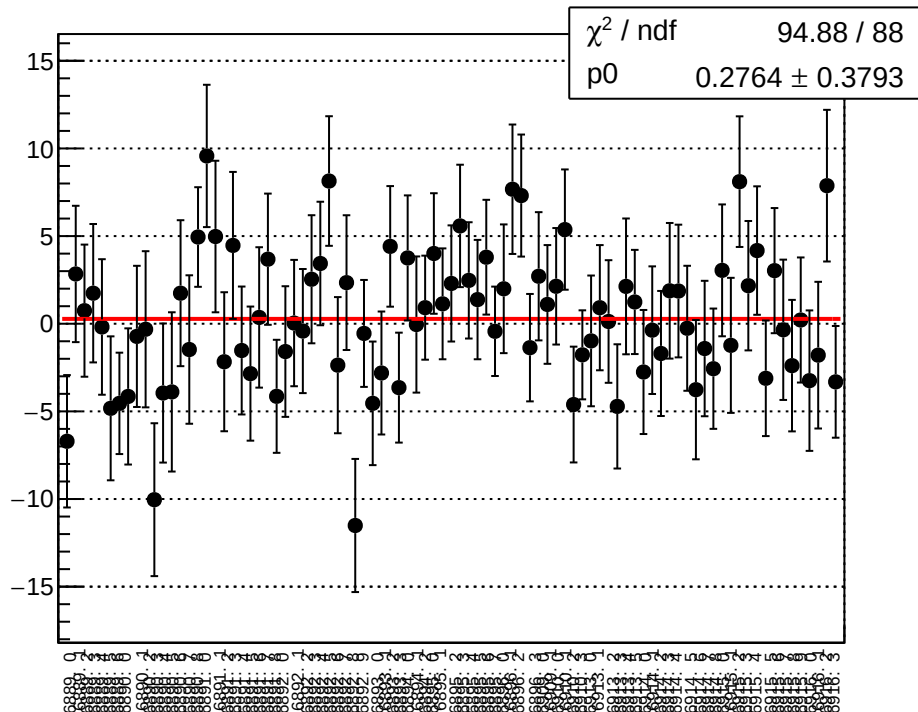
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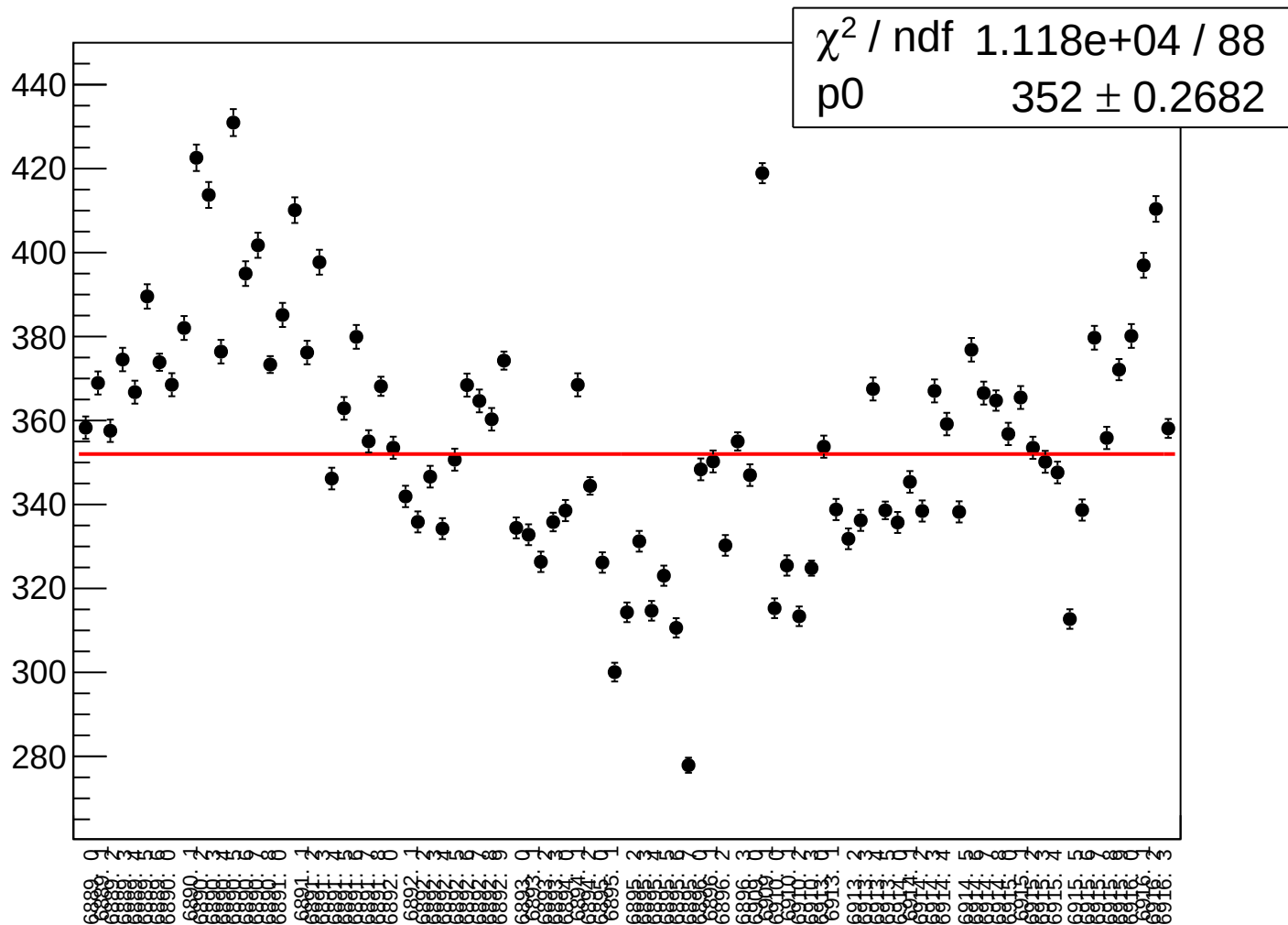
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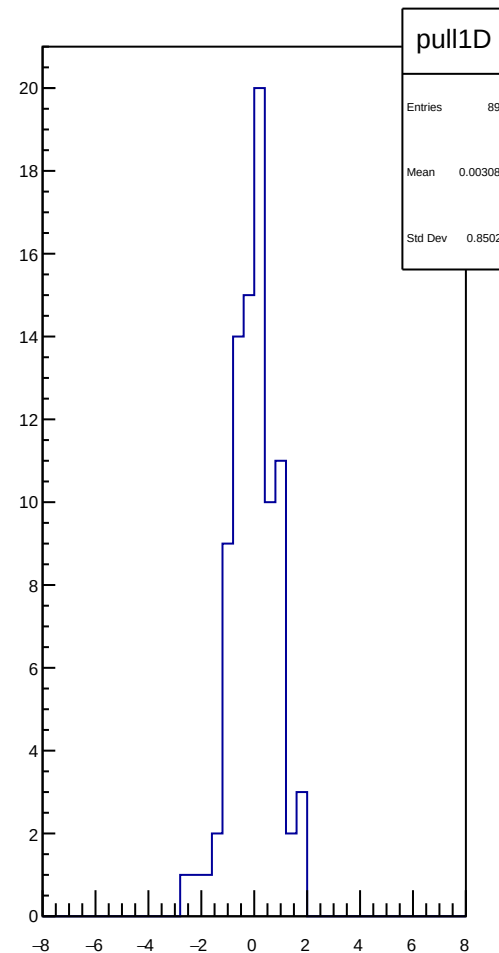
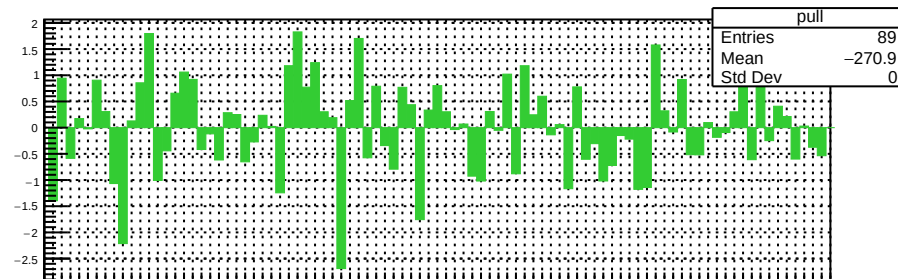
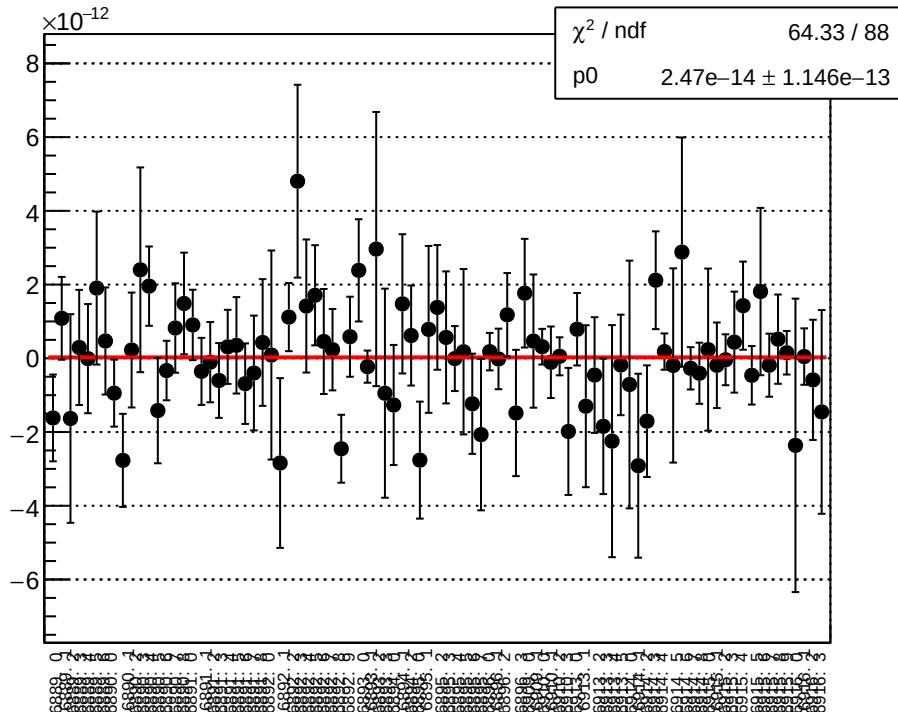
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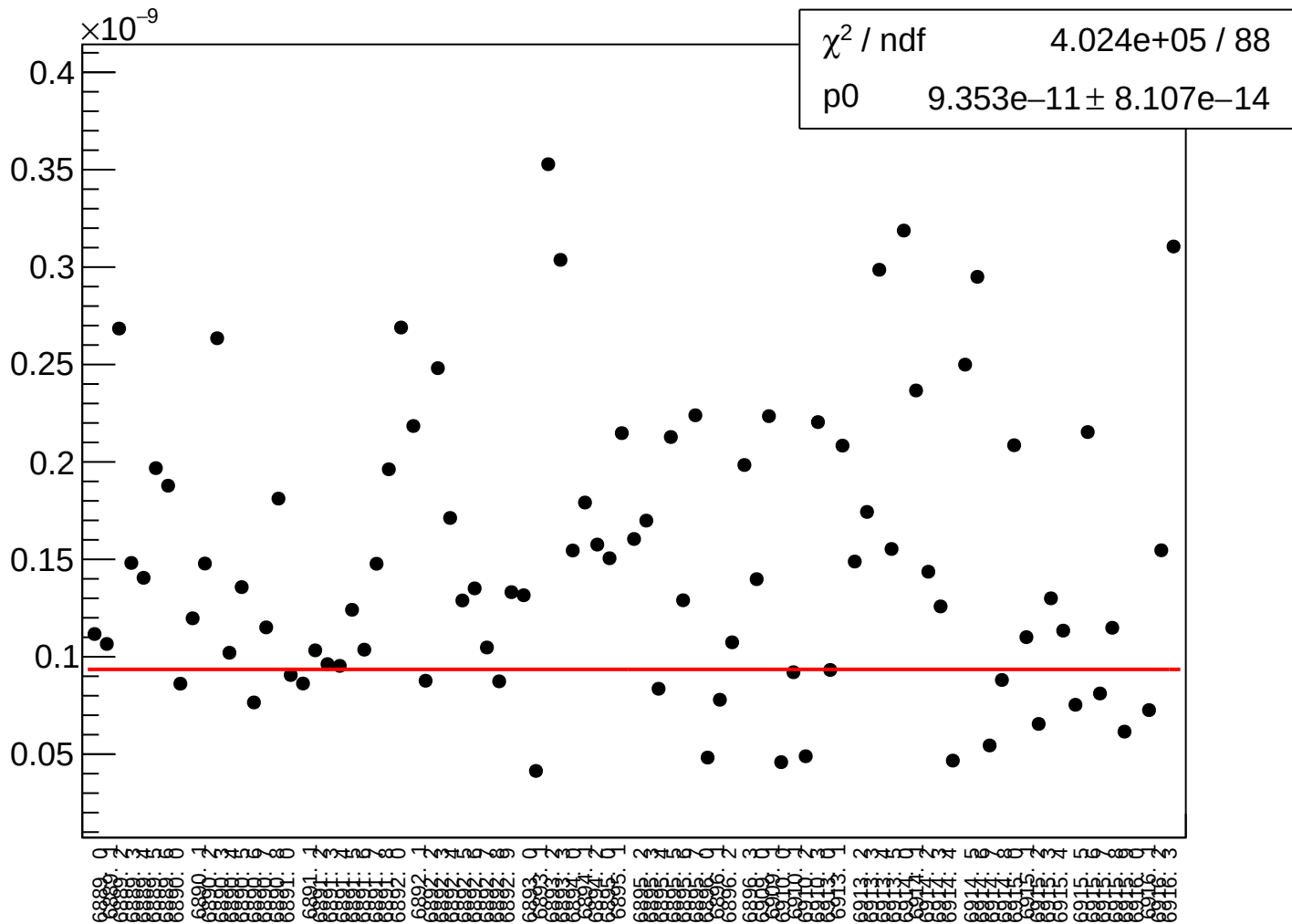
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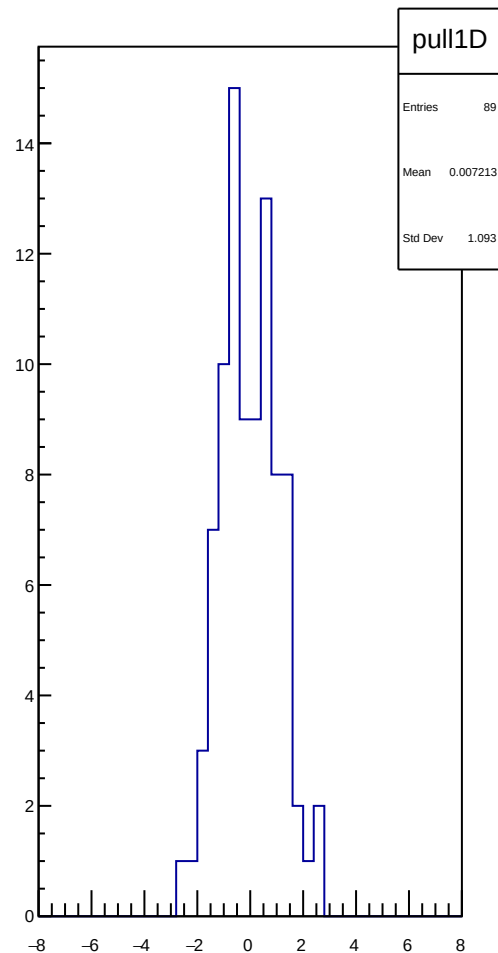
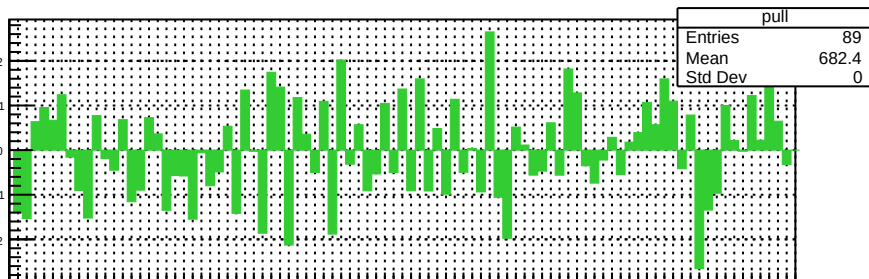
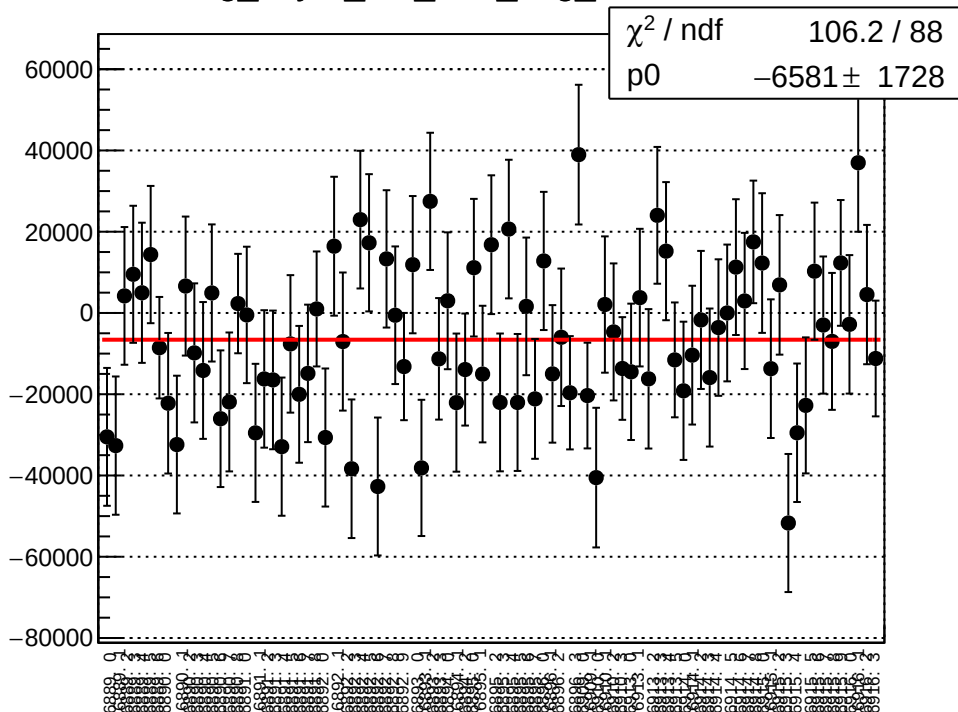
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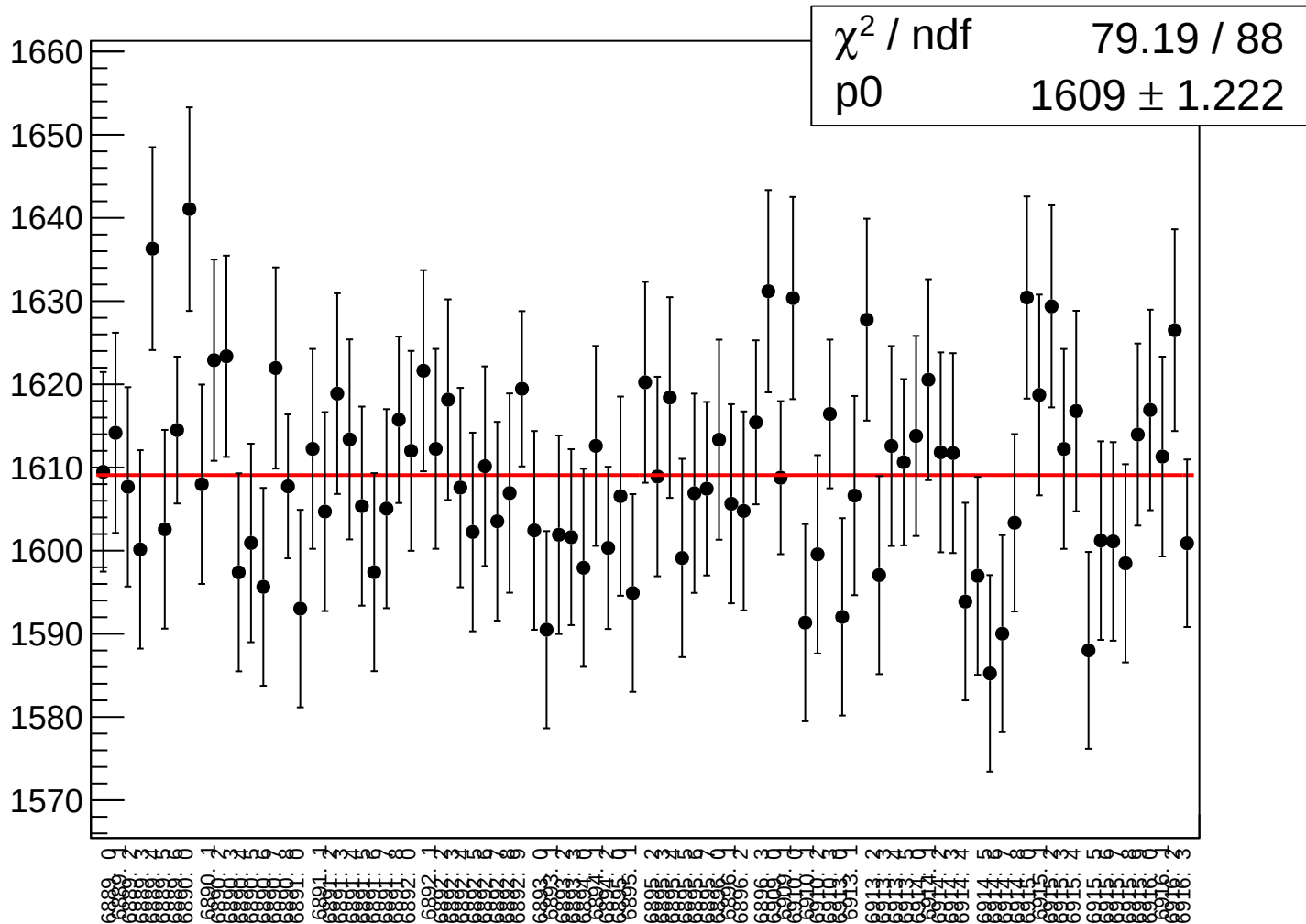
asym usl atl2 dd eigen cor vs cor diff rms vs run



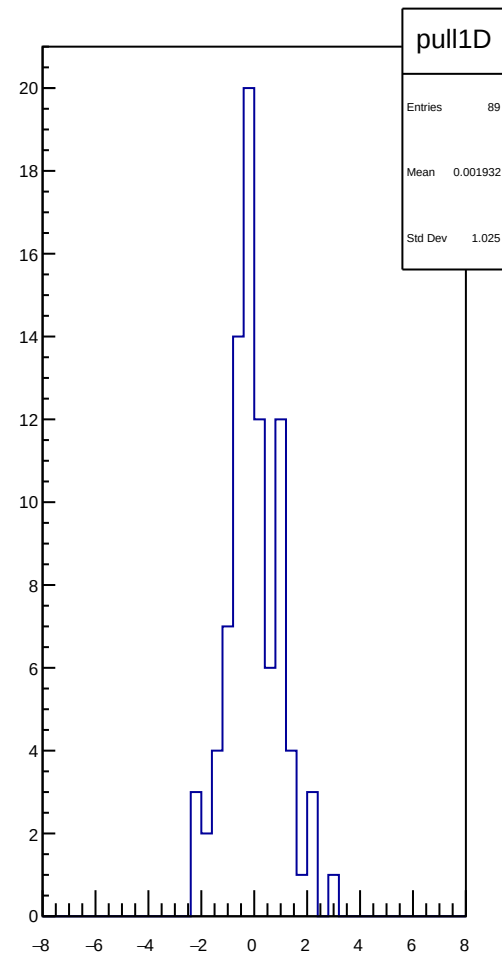
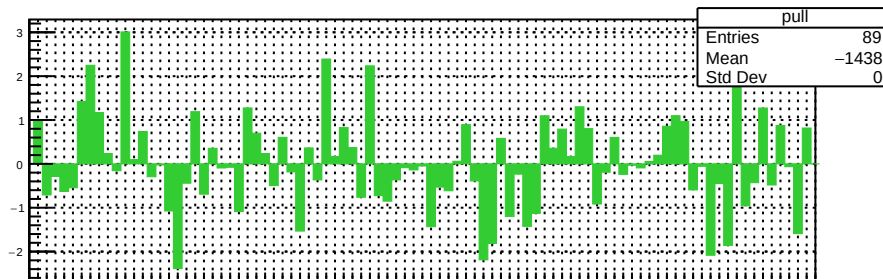
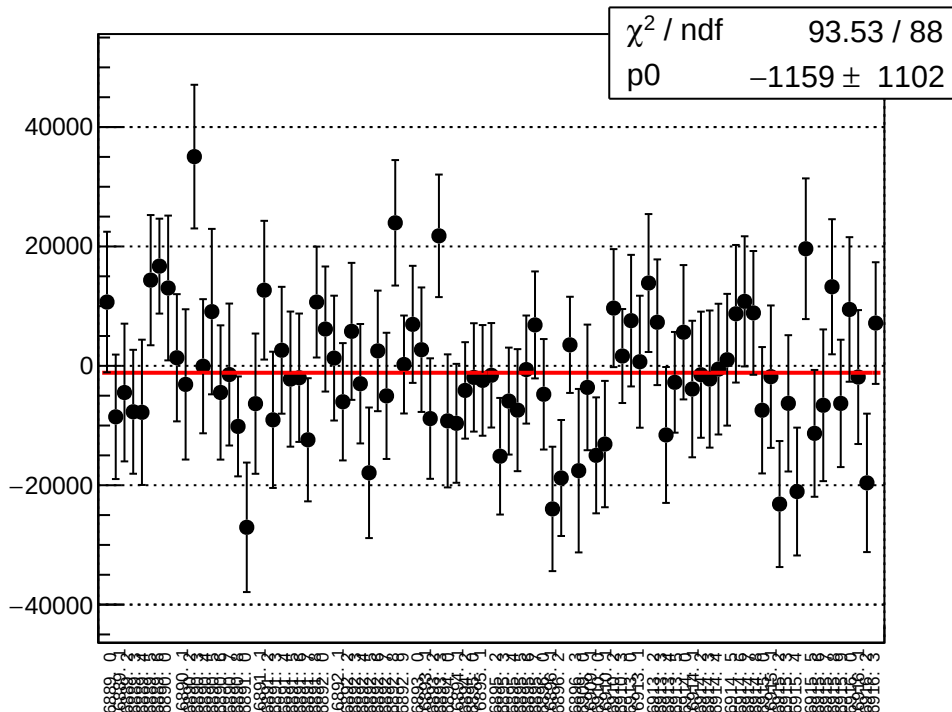
reg_asym_usr_atr1_avg_mean vs run



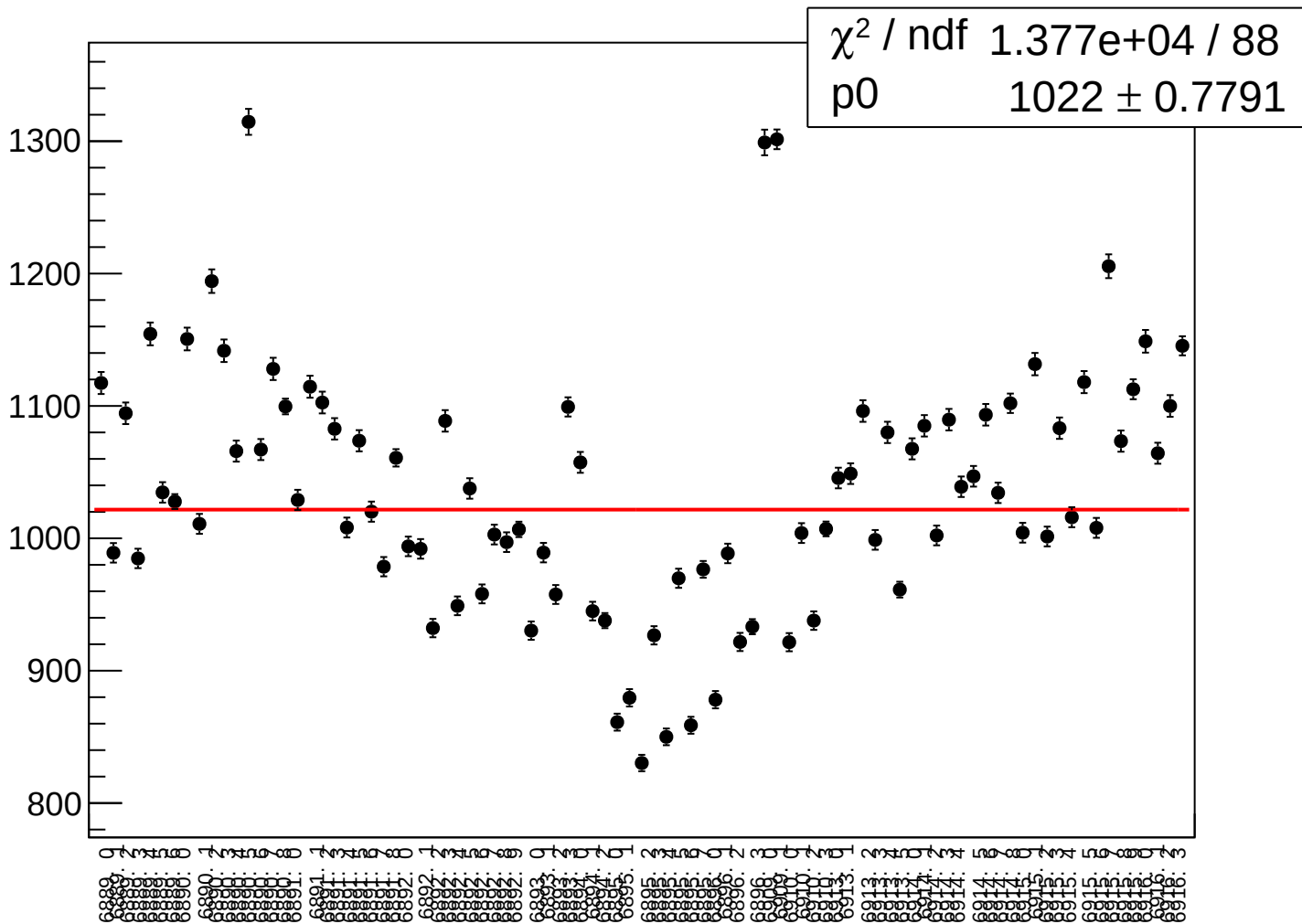
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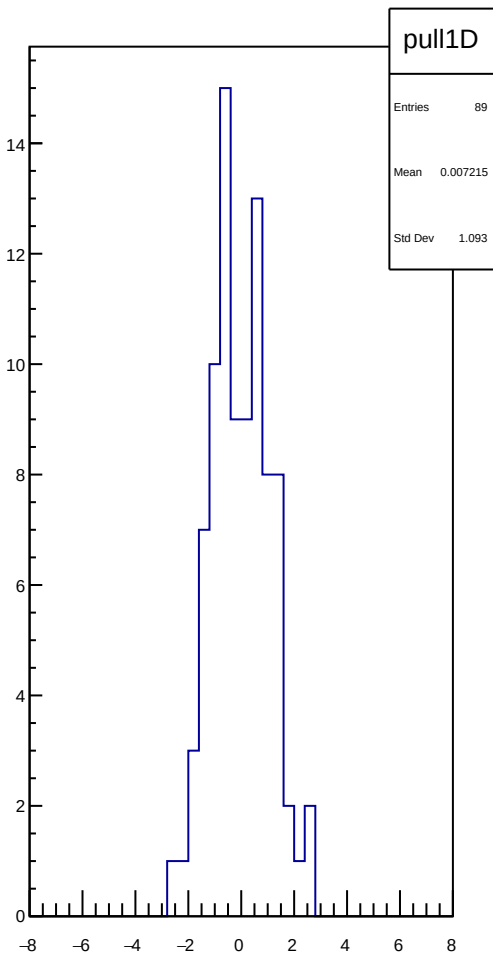
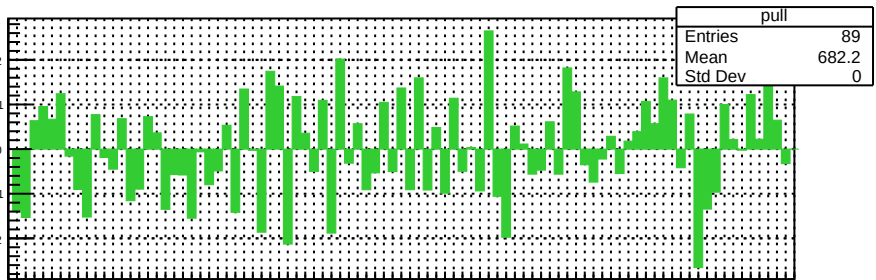
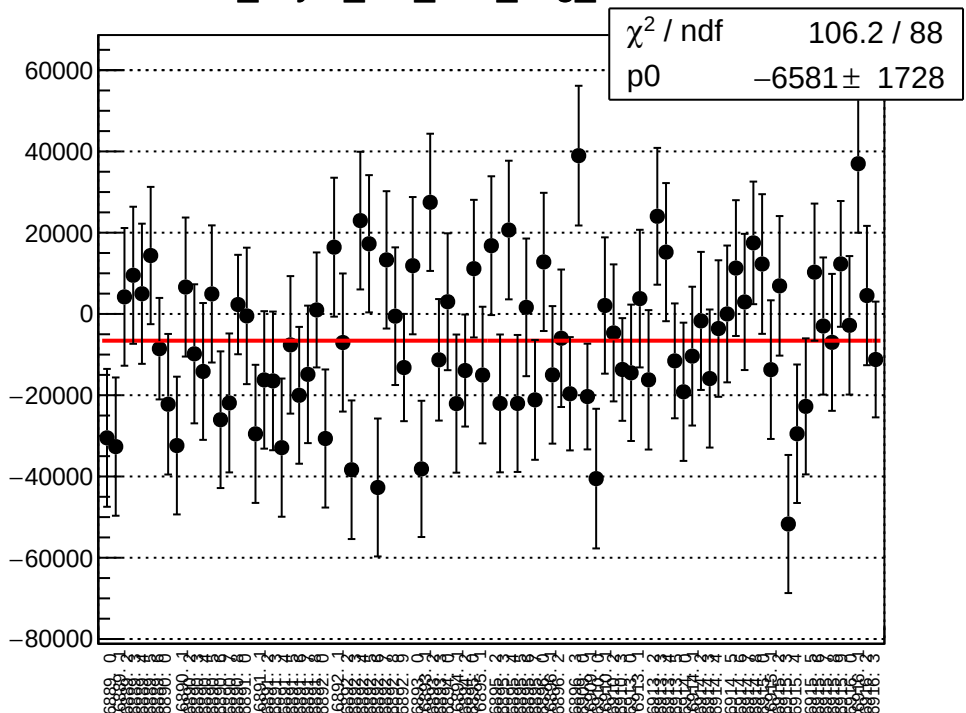
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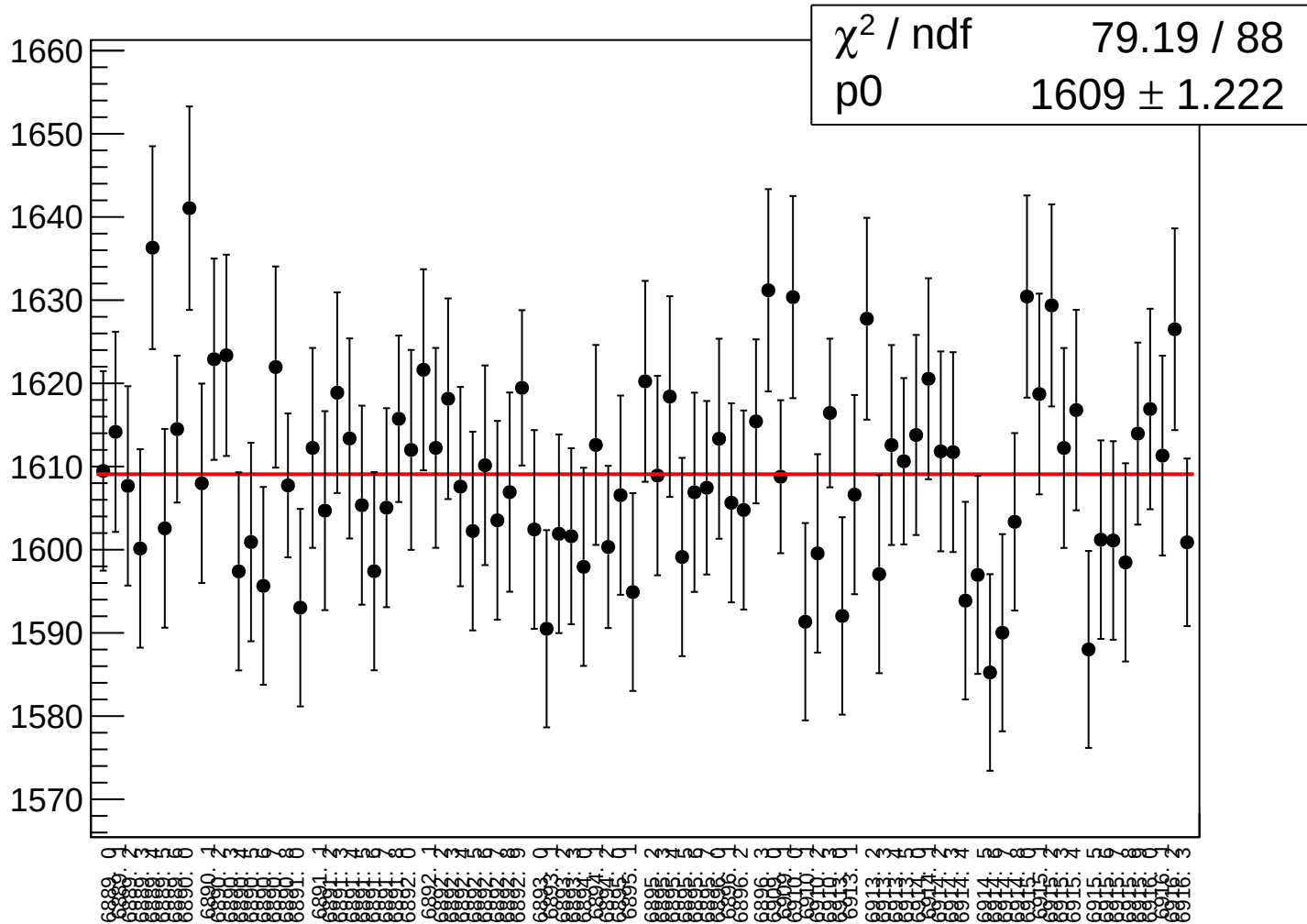
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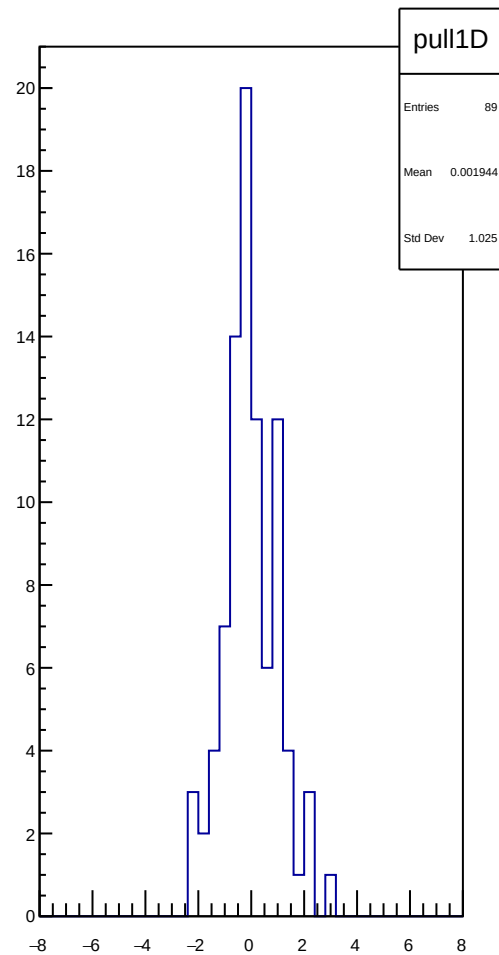
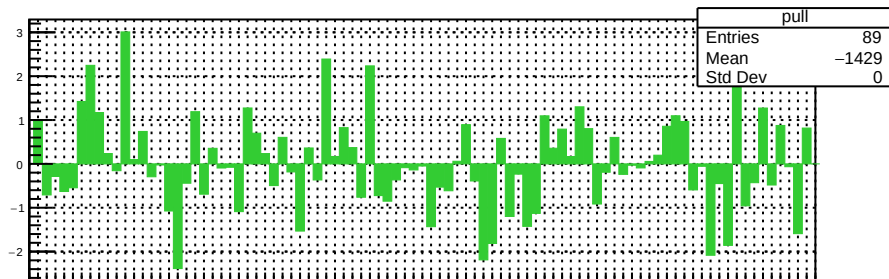
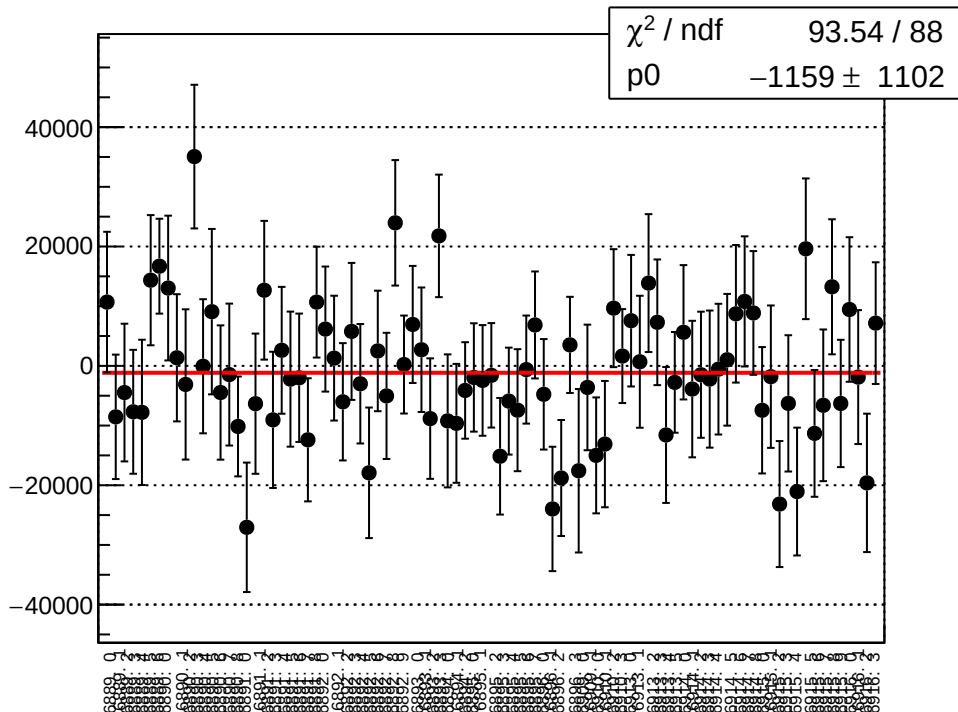
cor_asym_usr_atr1_avg_mean vs run



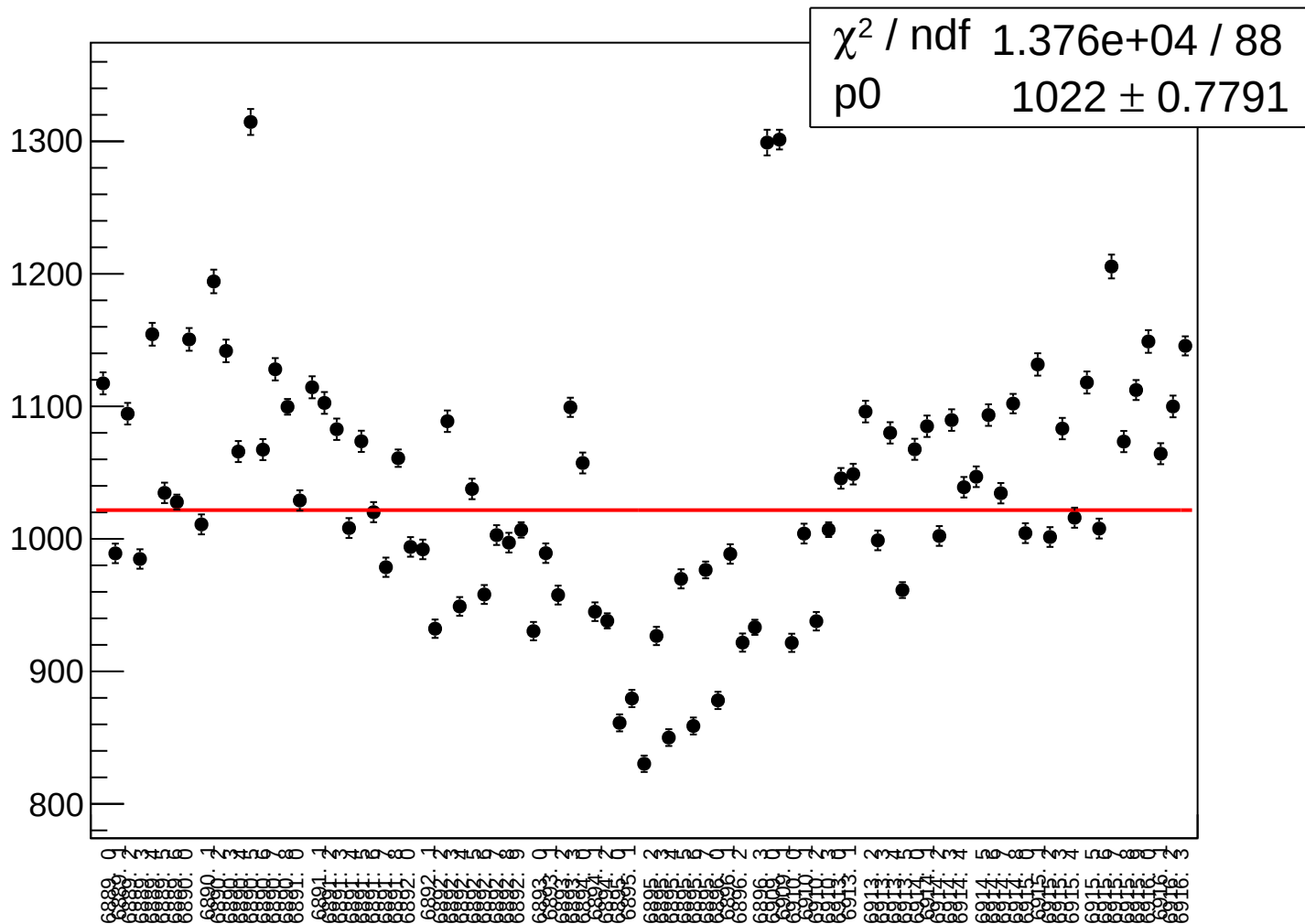
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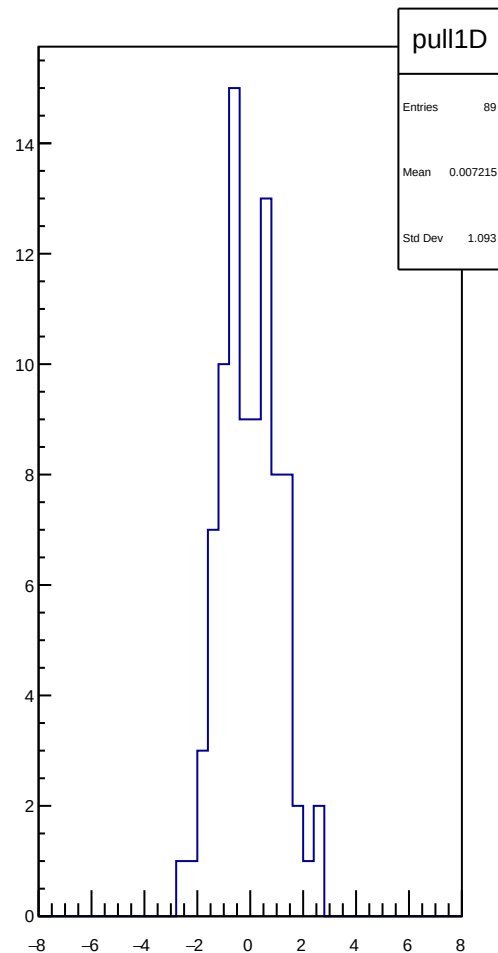
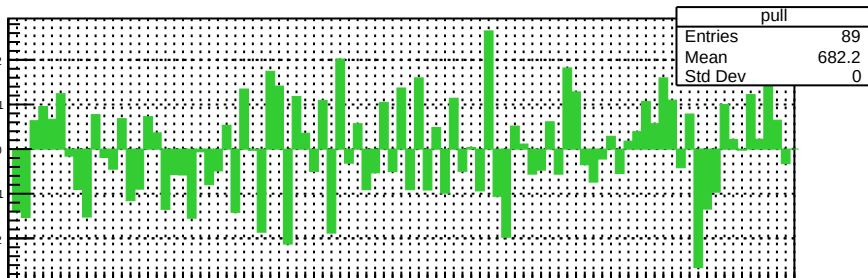
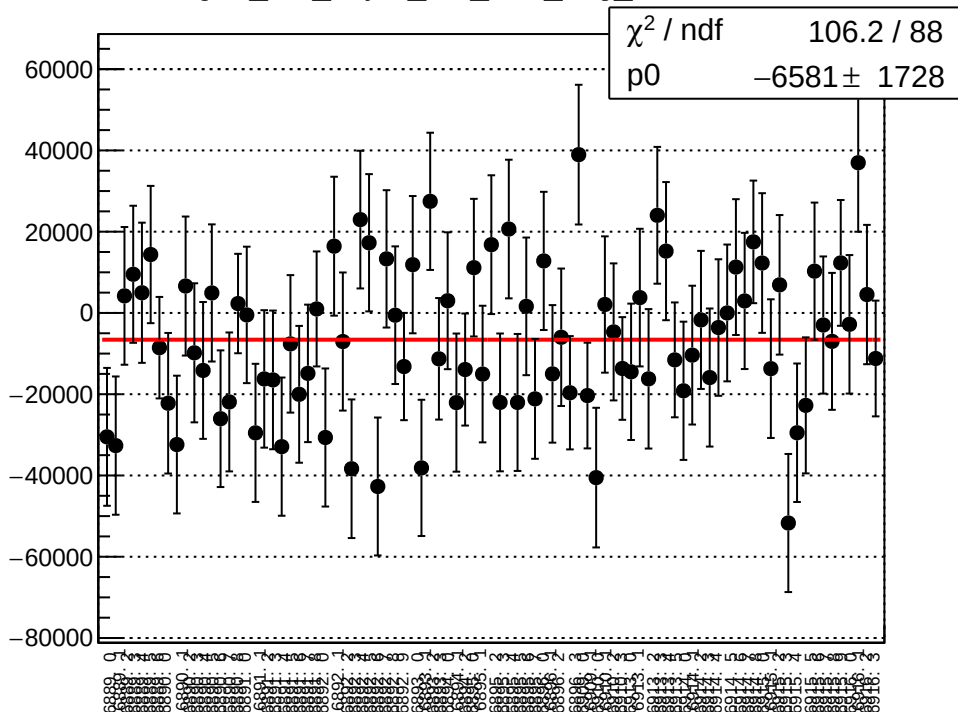
asym_usr_atr1_avg_cor_correction_mean vs run



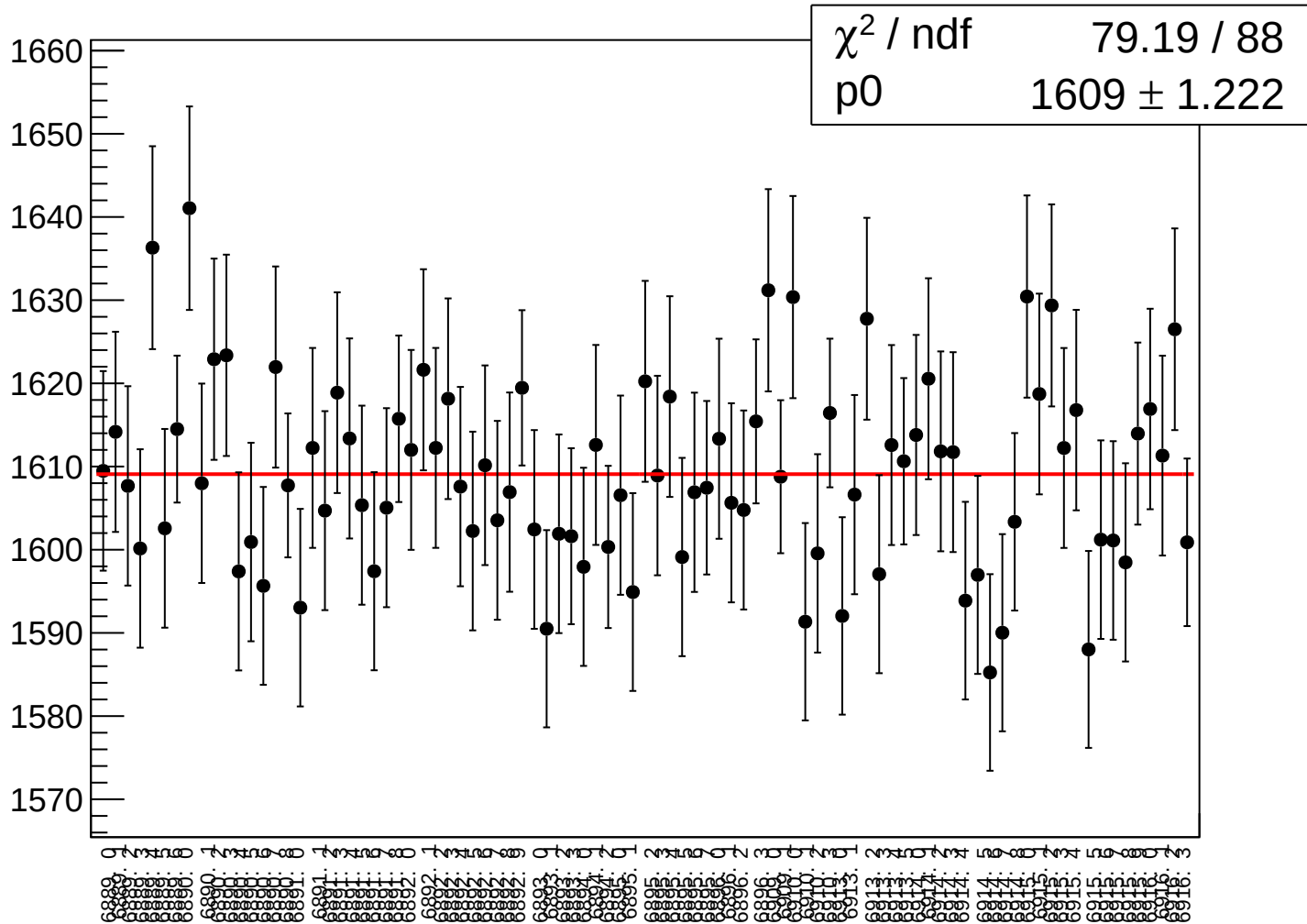
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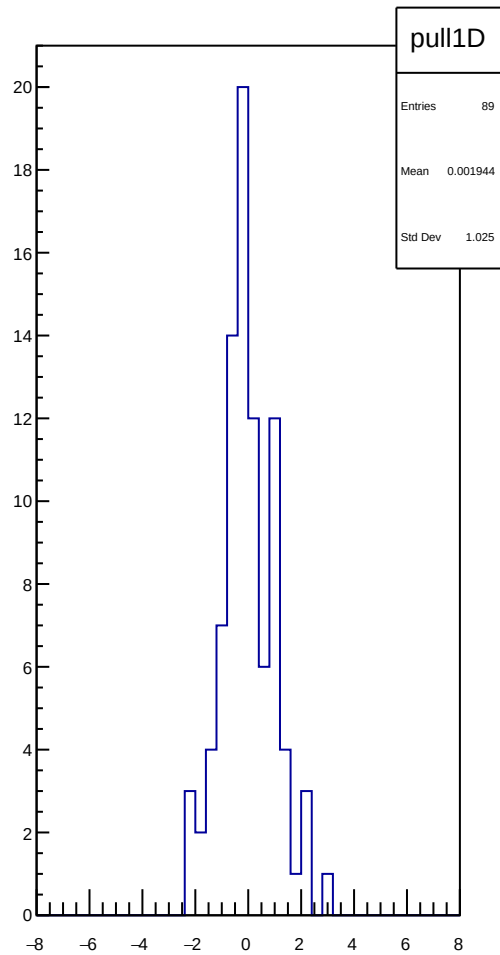
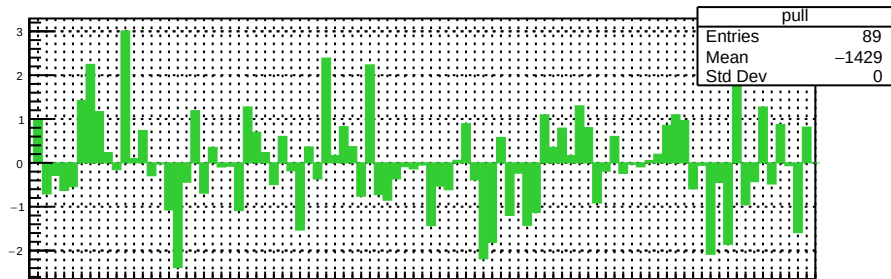
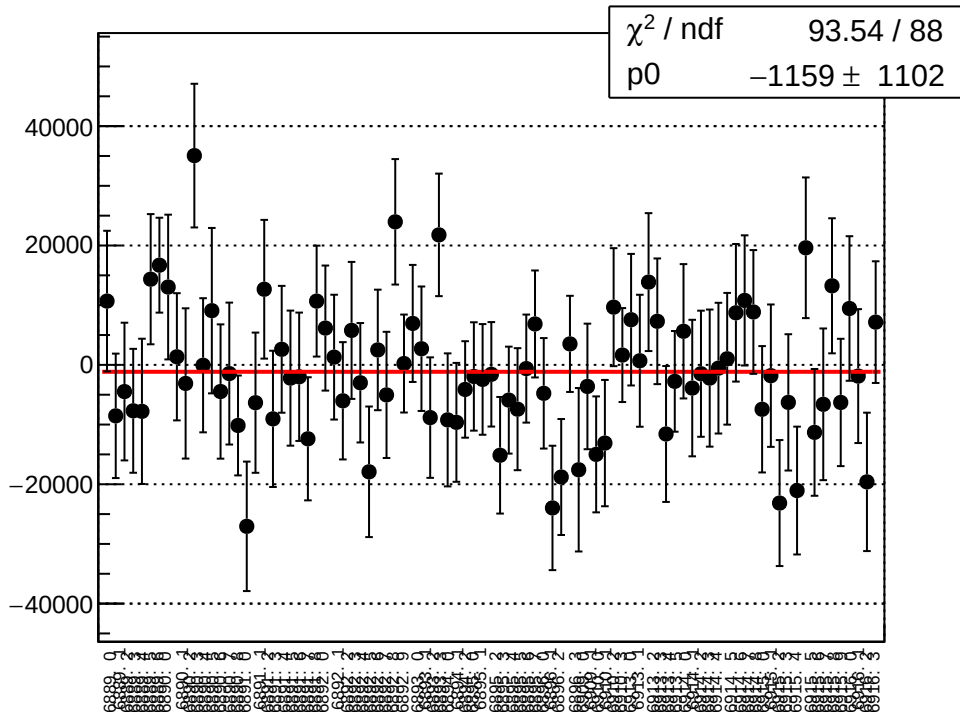
eigen_cor_asym_usr_atr1_avg_mean vs run



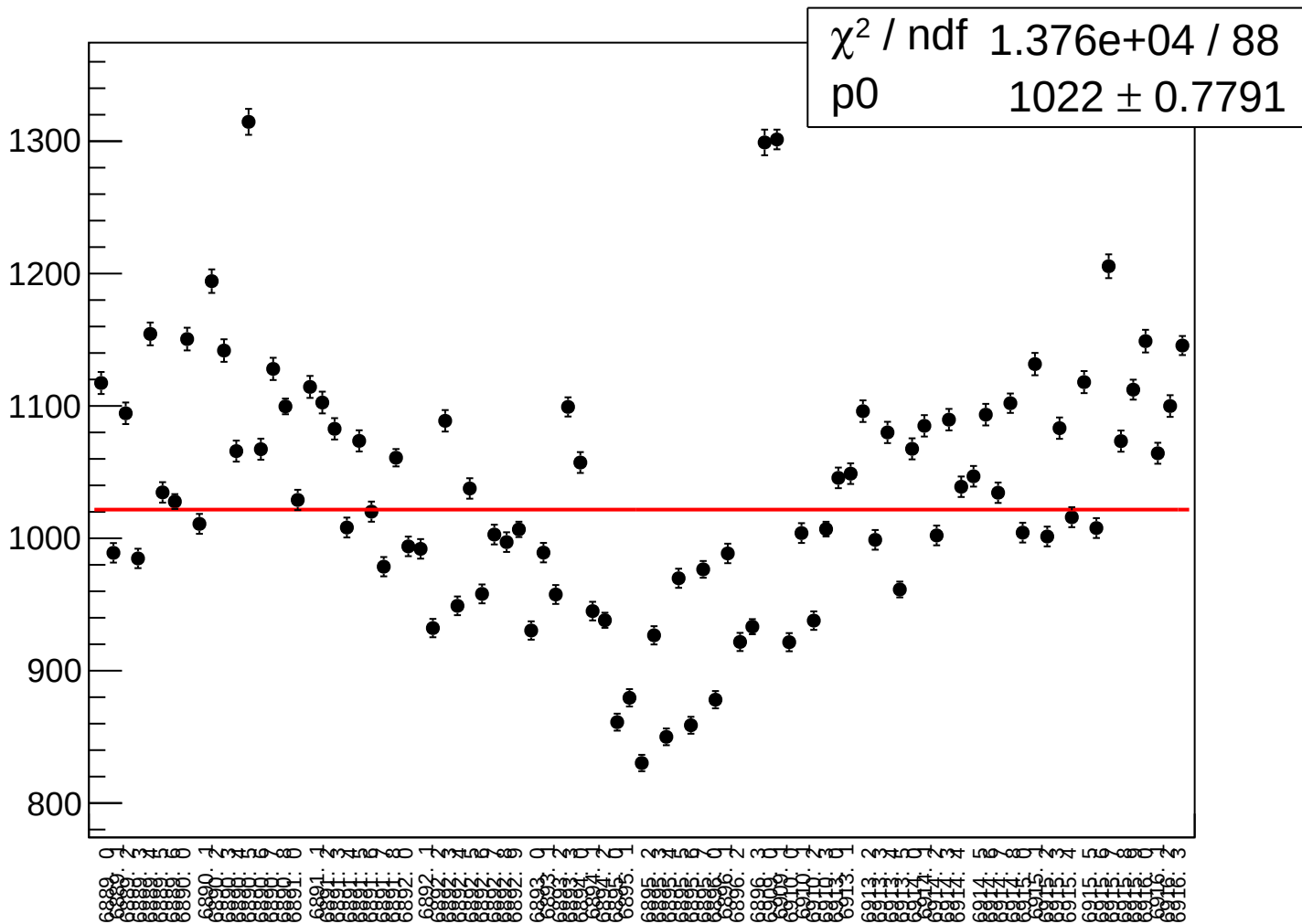
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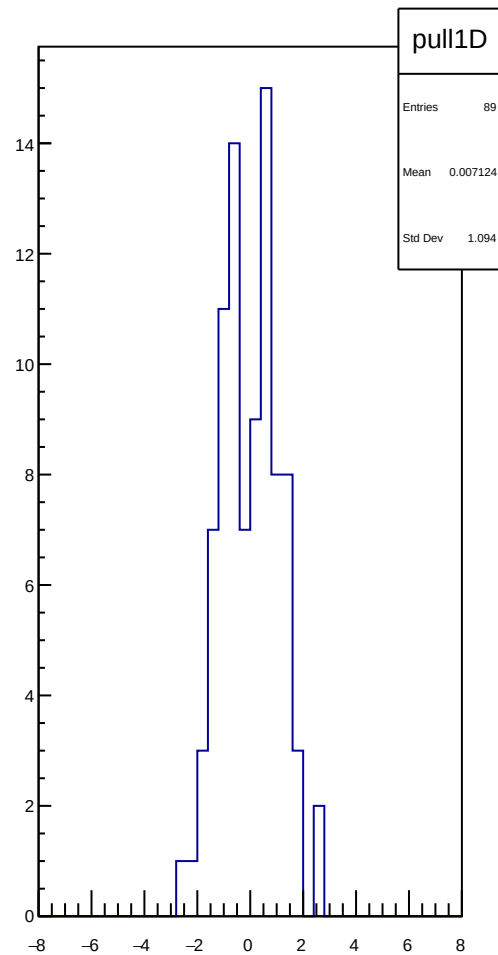
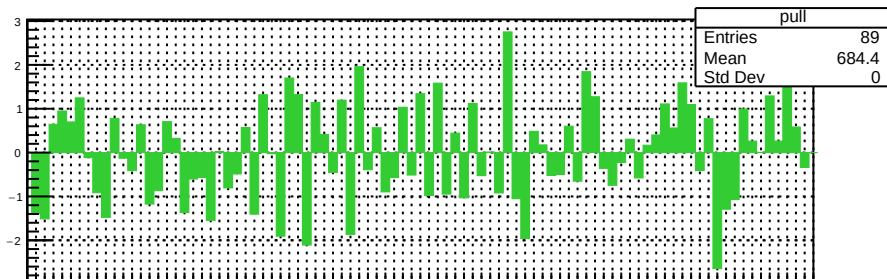
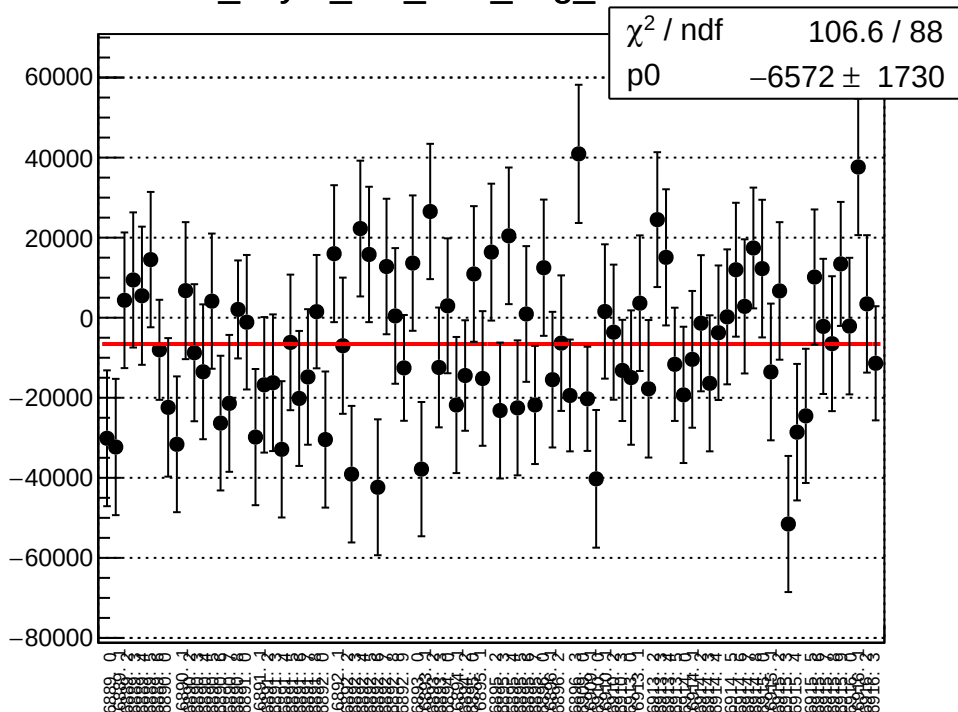
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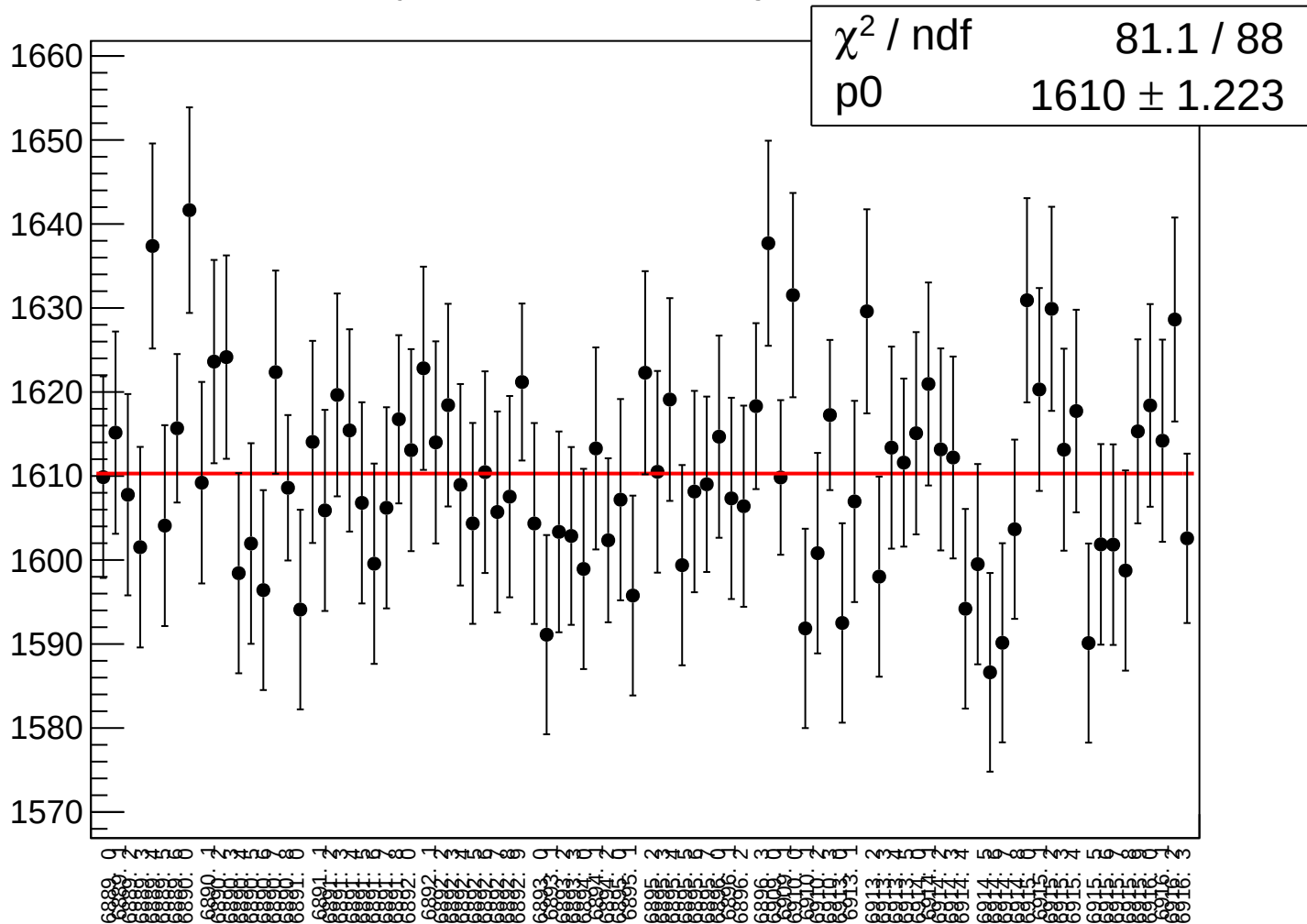
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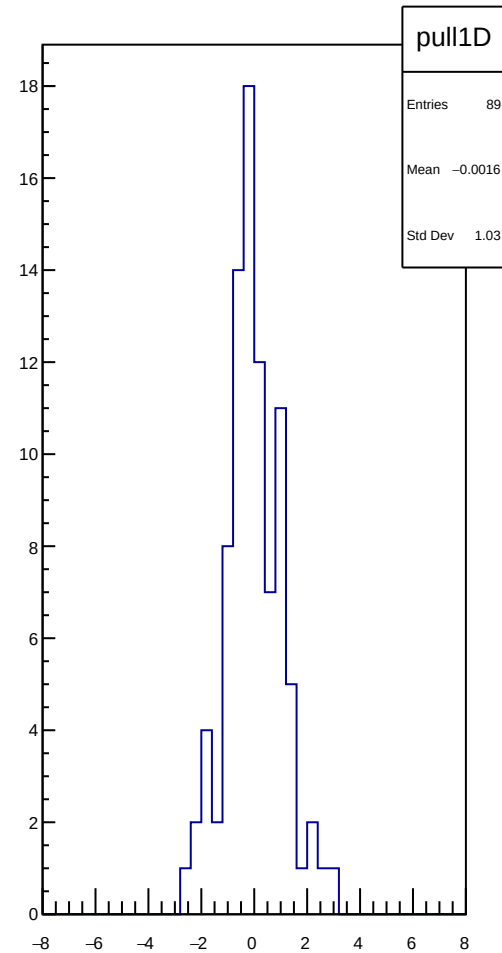
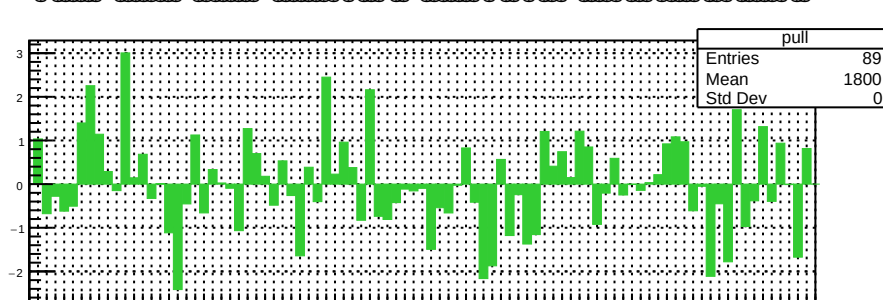
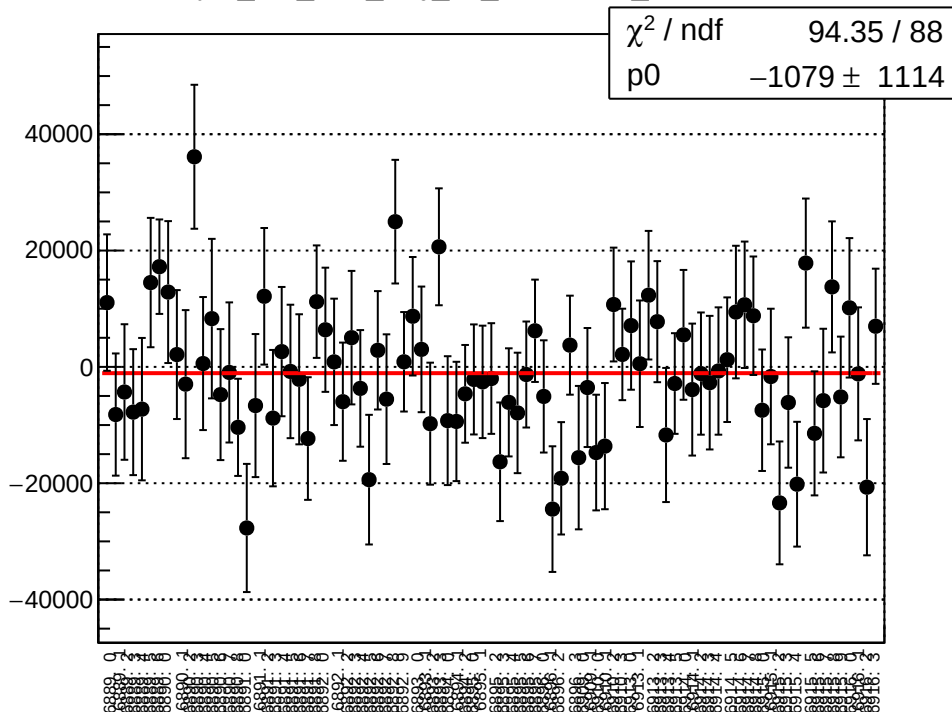
dit_asym_usr_atr1_avg_mean vs run



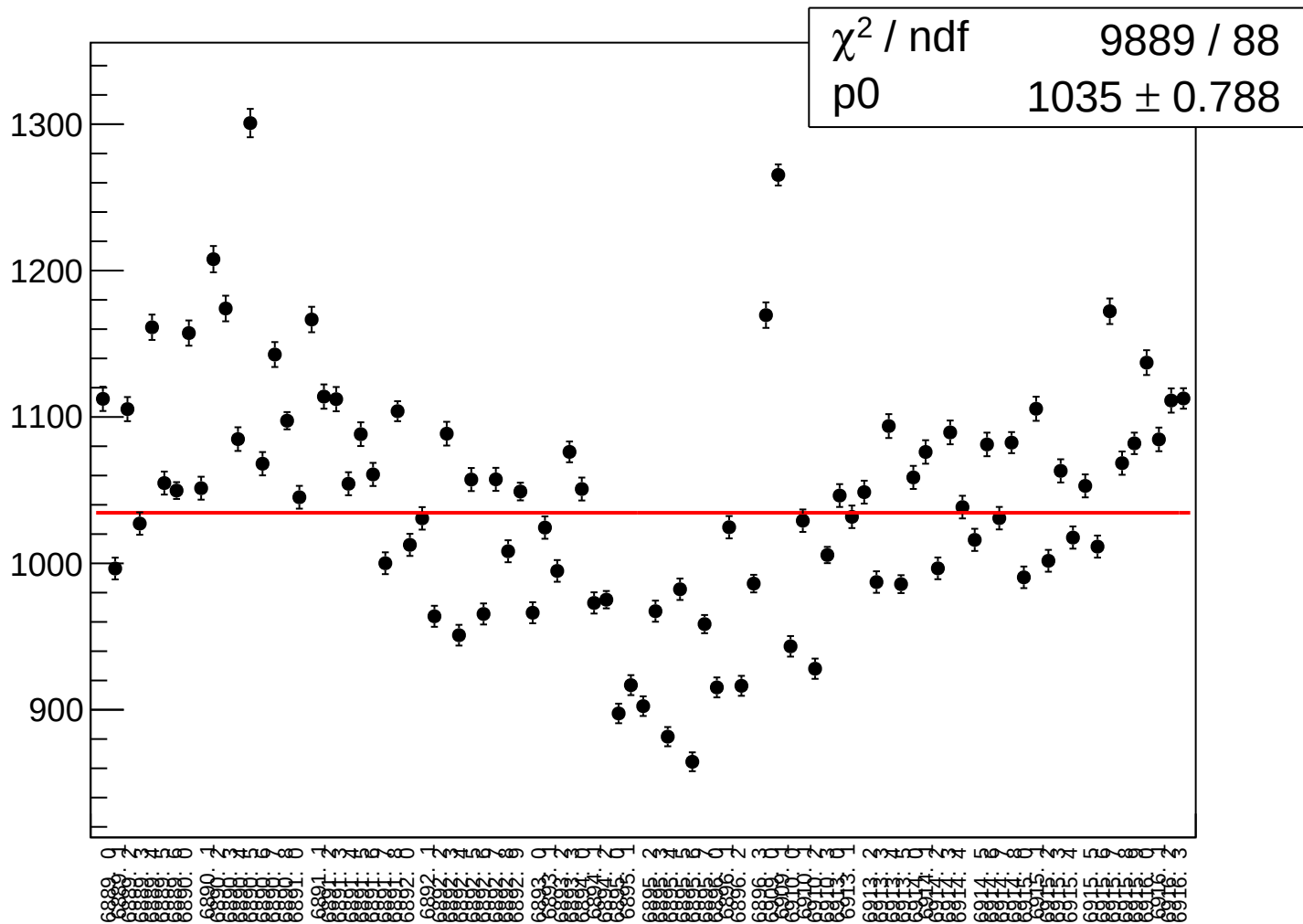
dit_asym_usr_atr1_avg_rms vs run



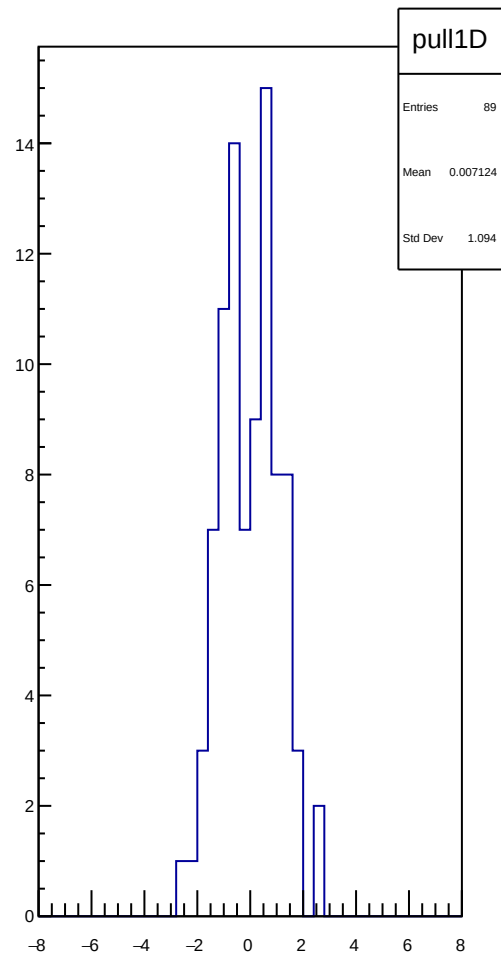
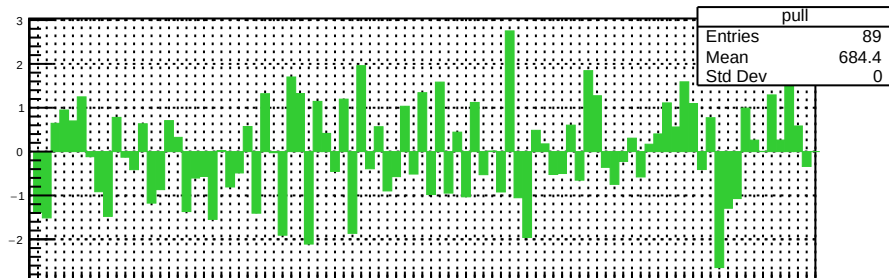
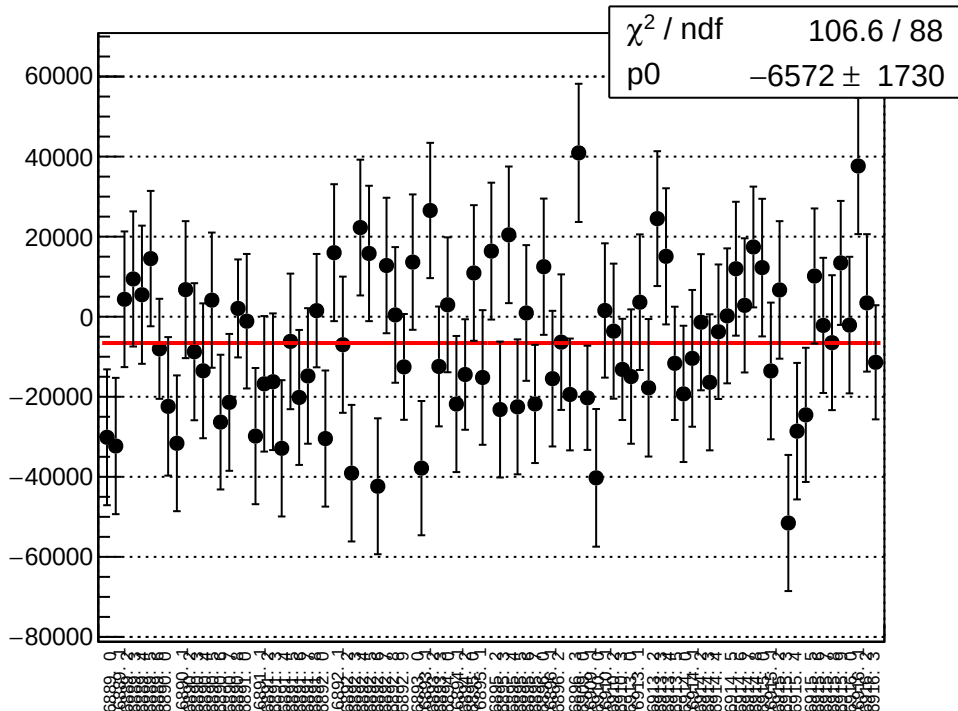
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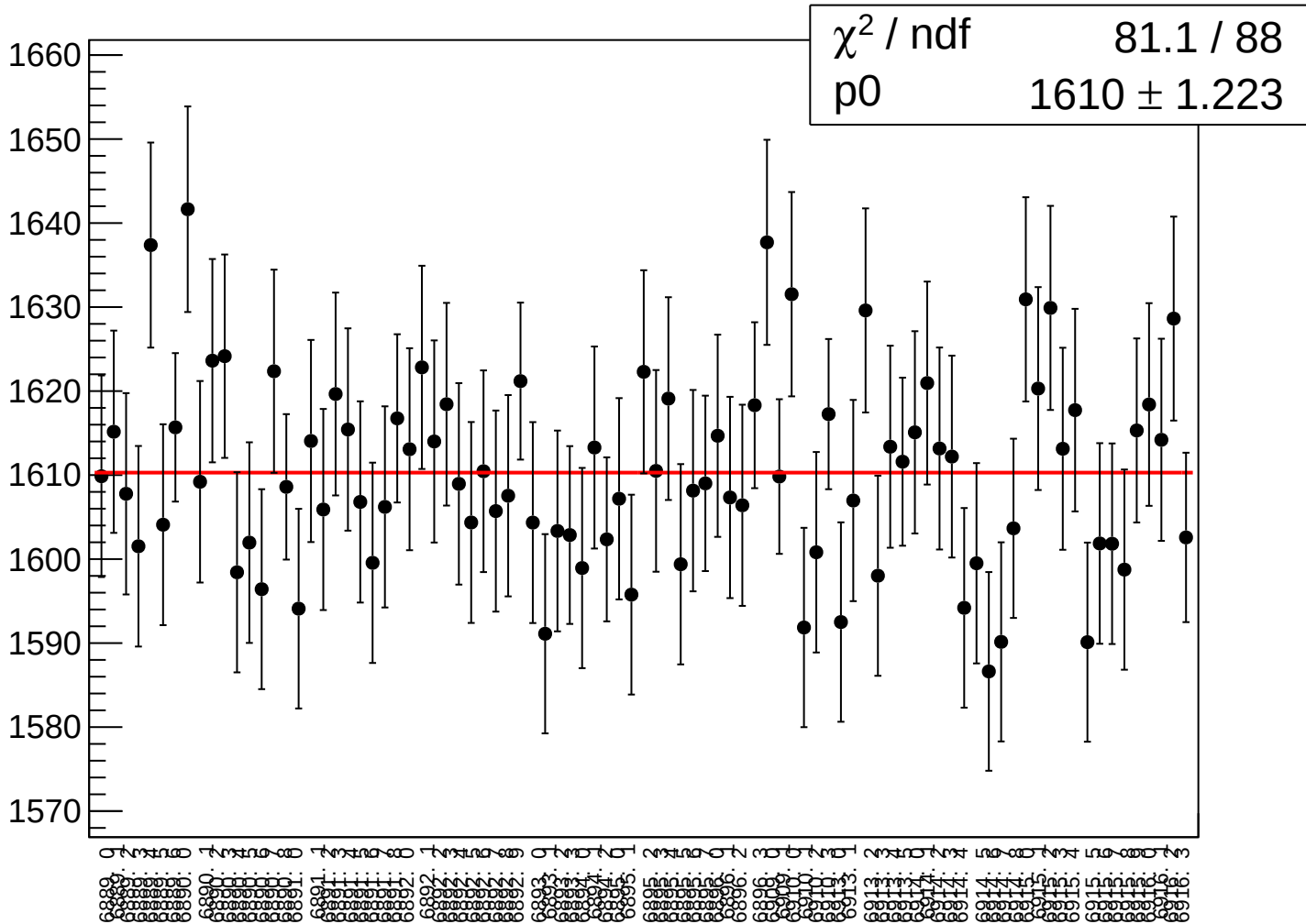
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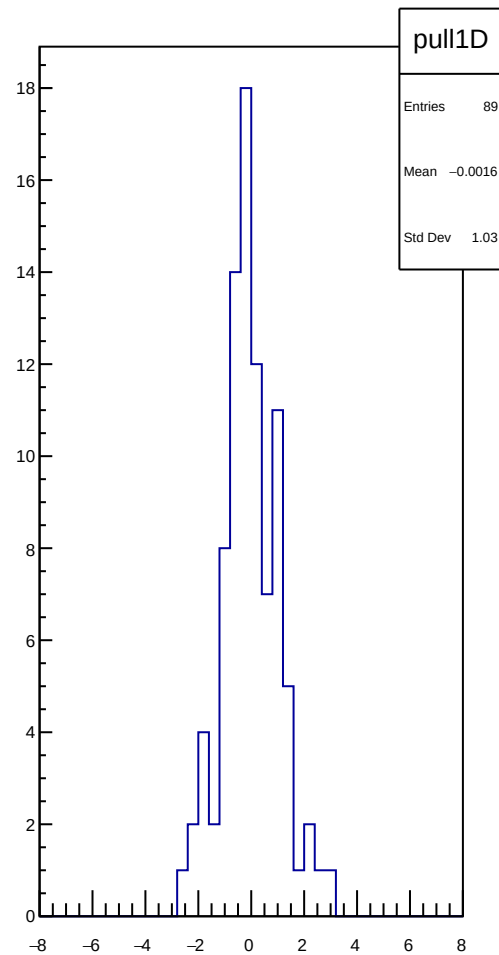
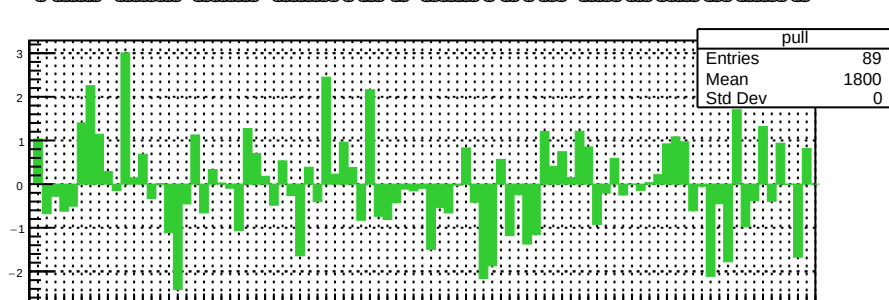
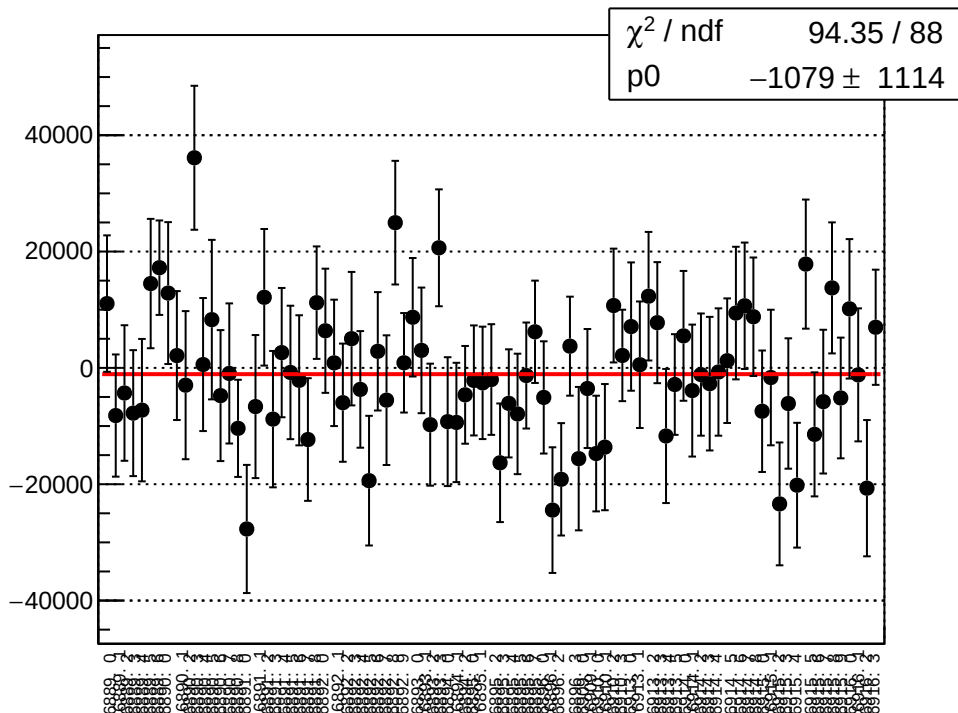
eigen_dit_asym_usr_atr1_avg_mean vs run



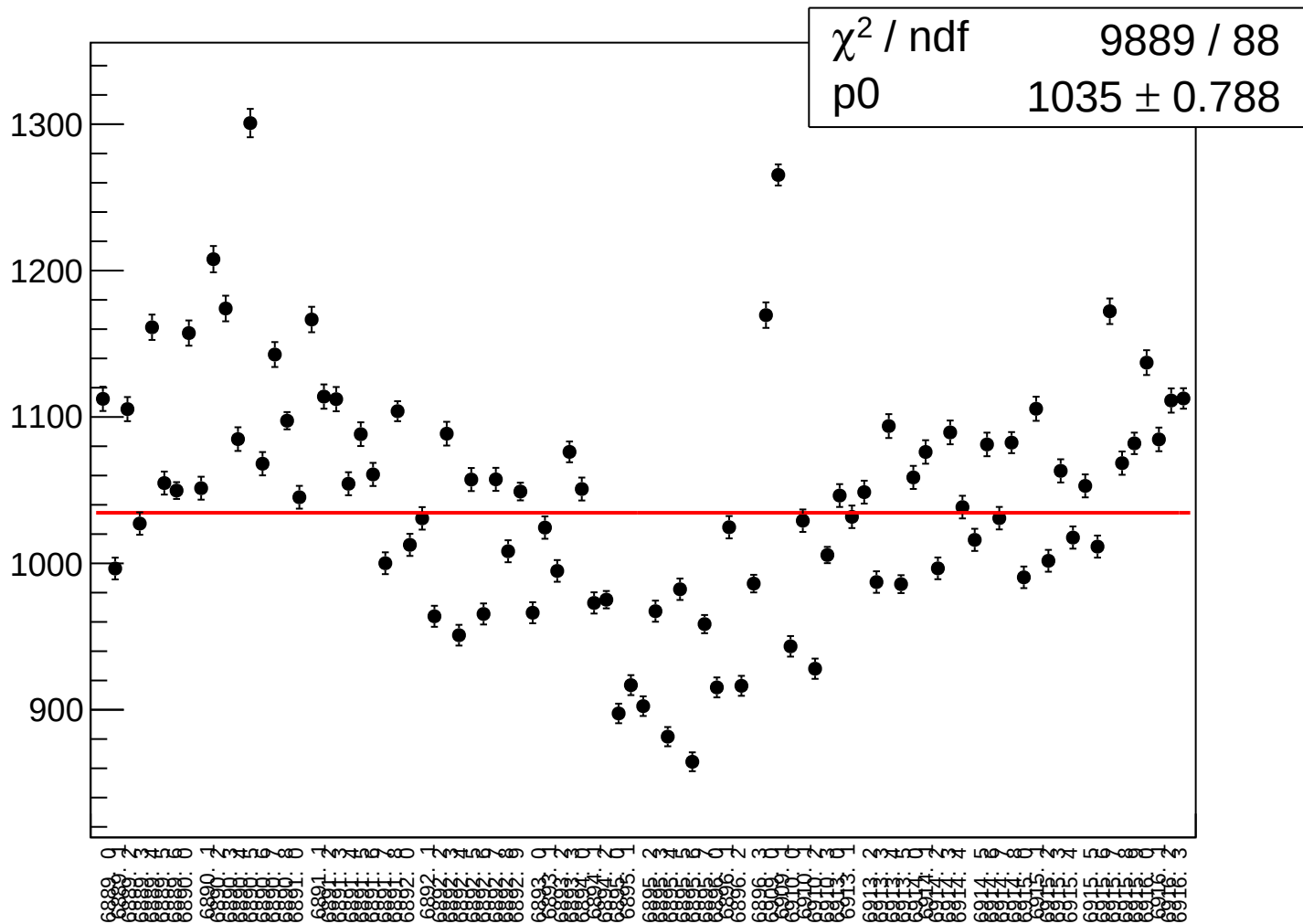
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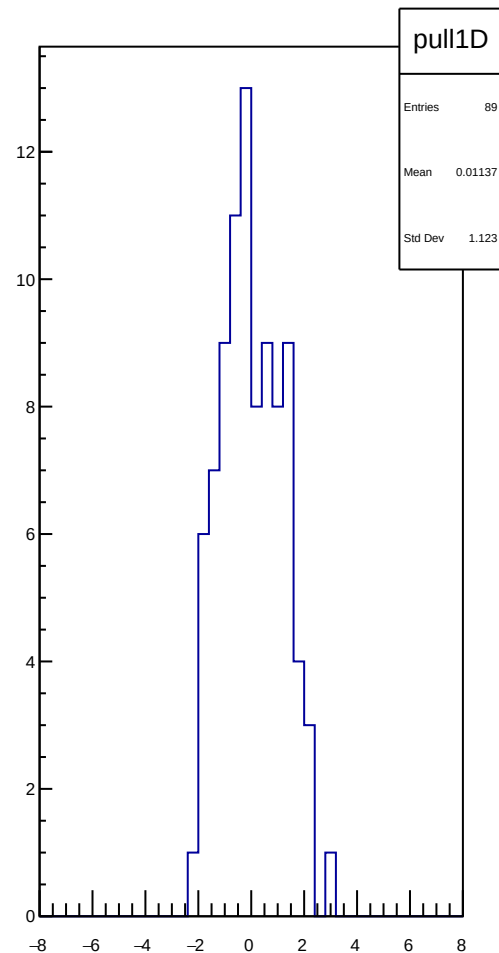
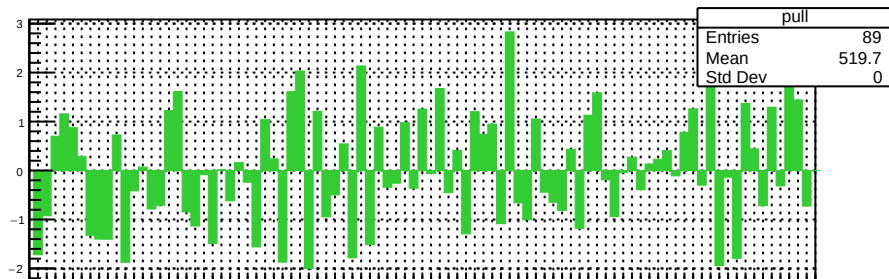
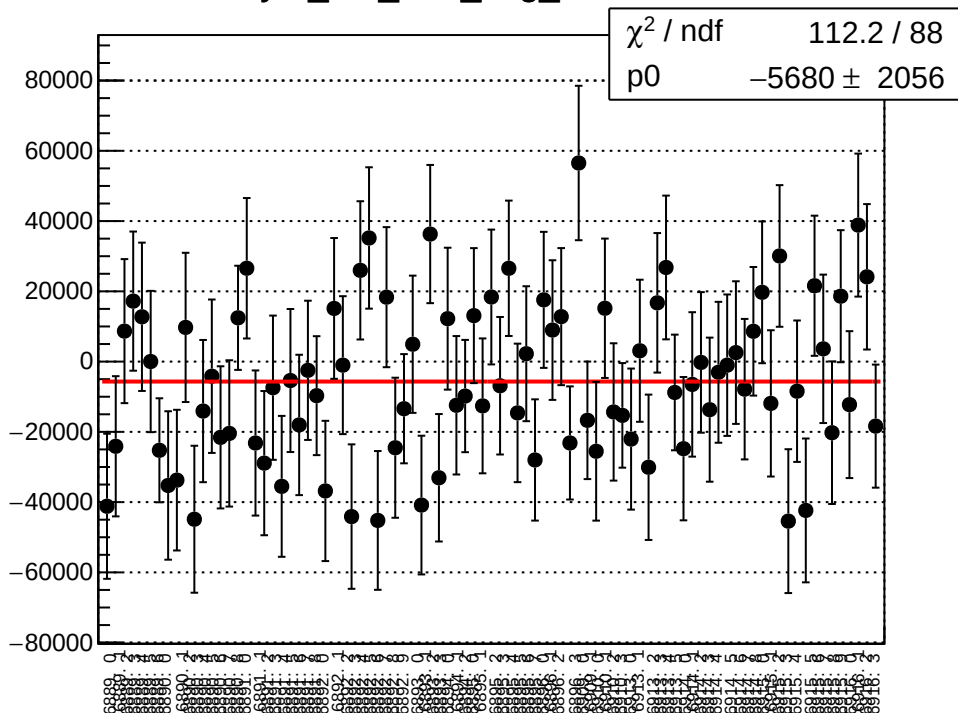
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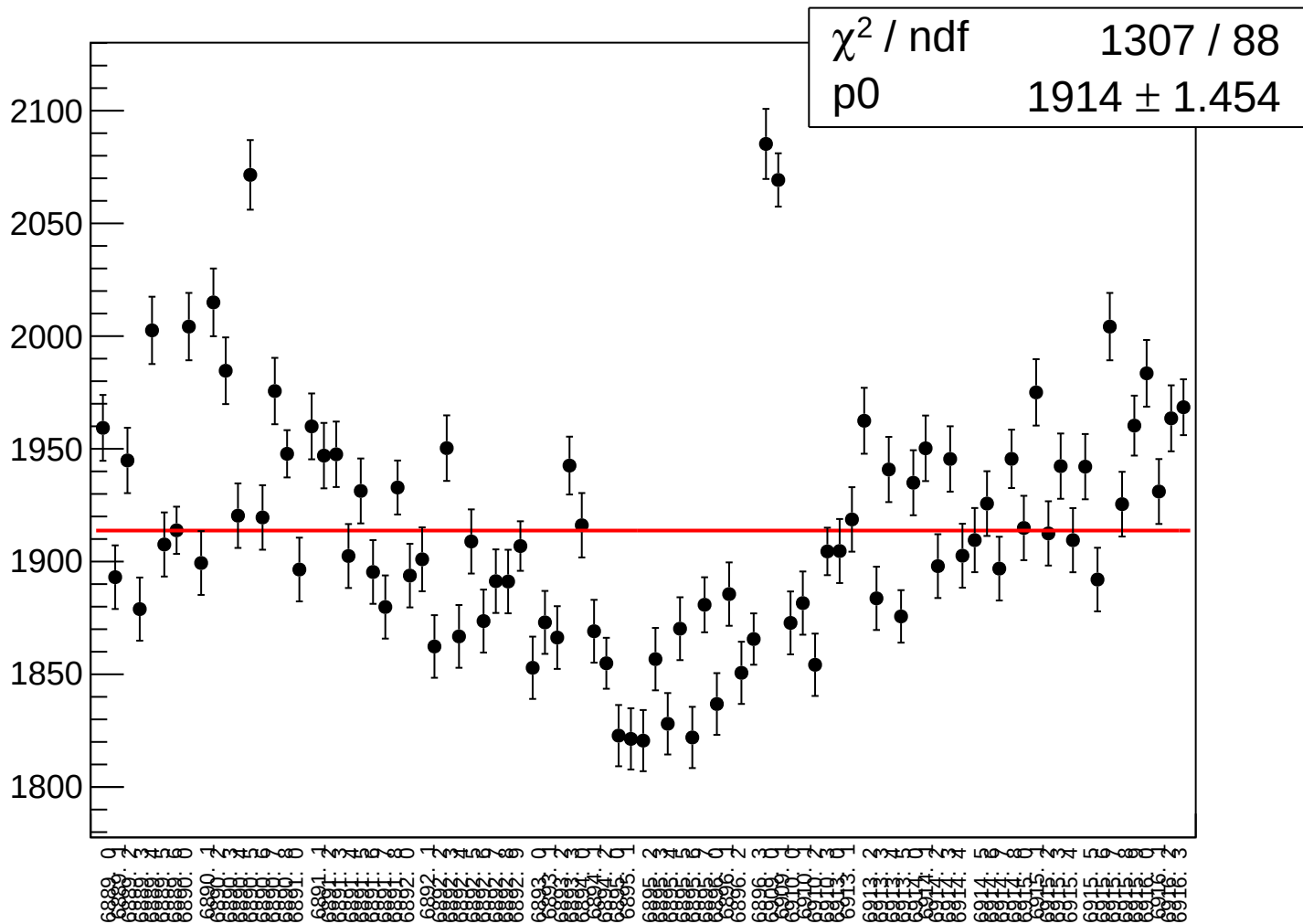
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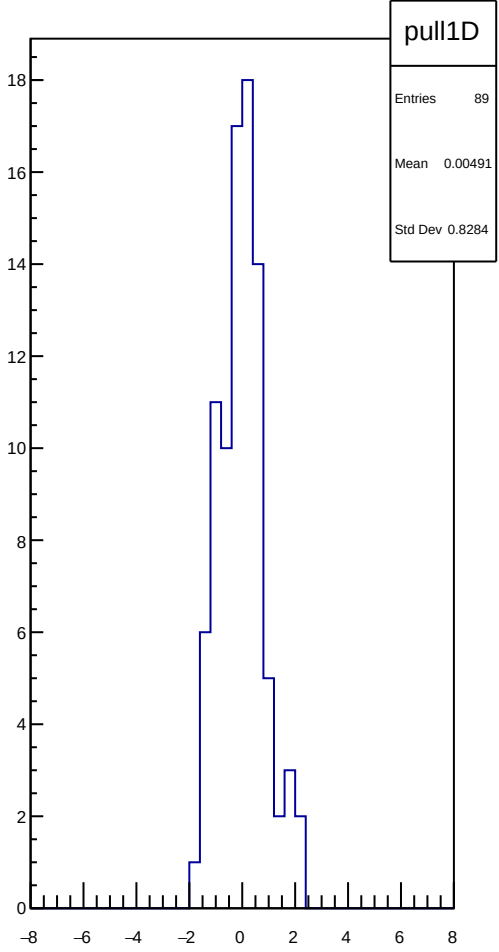
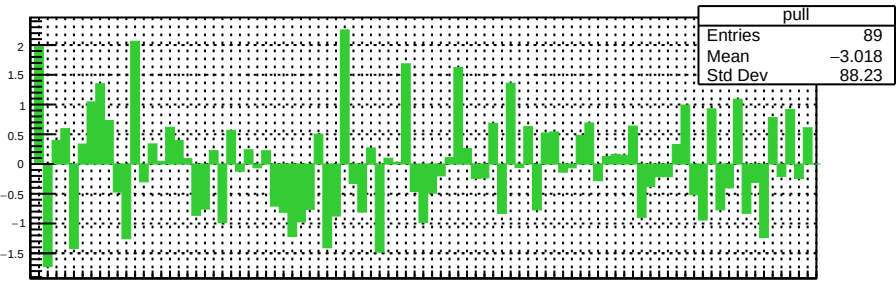
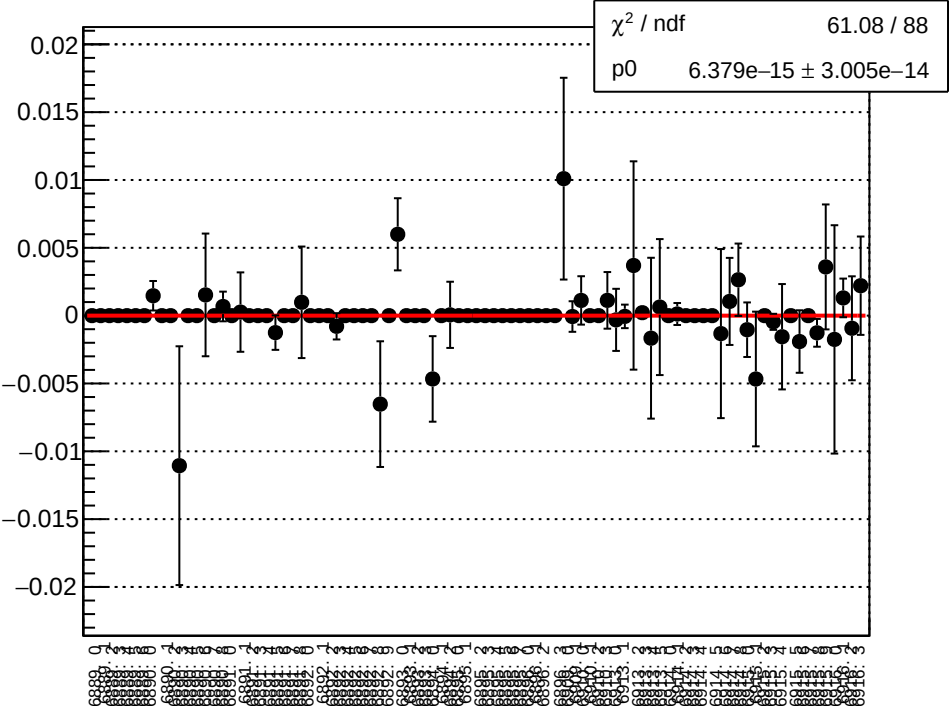
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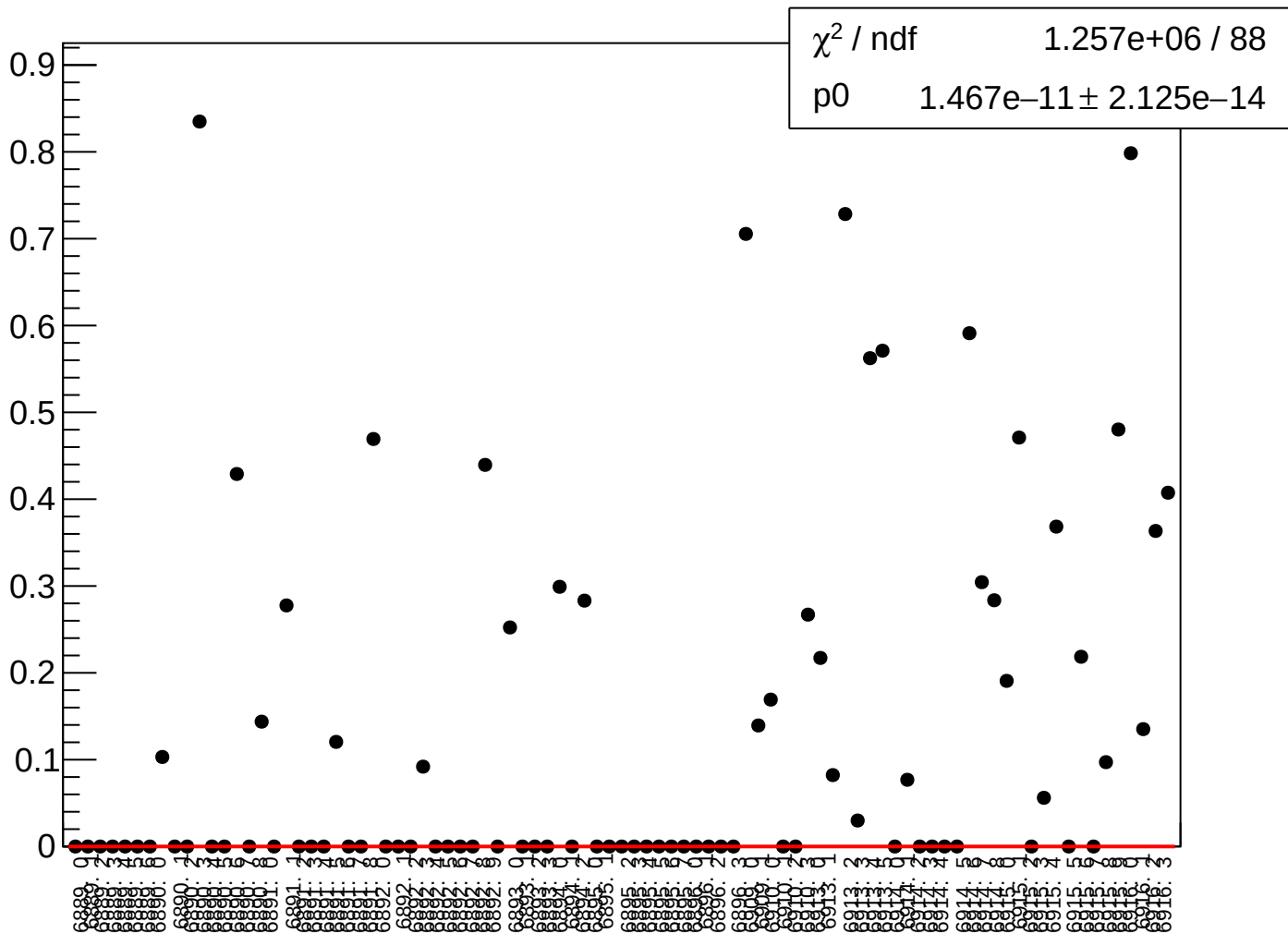
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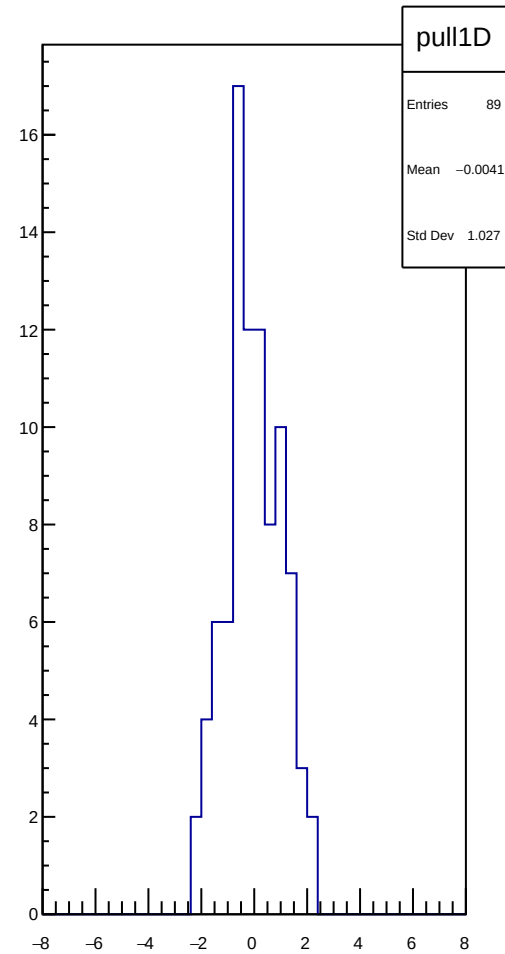
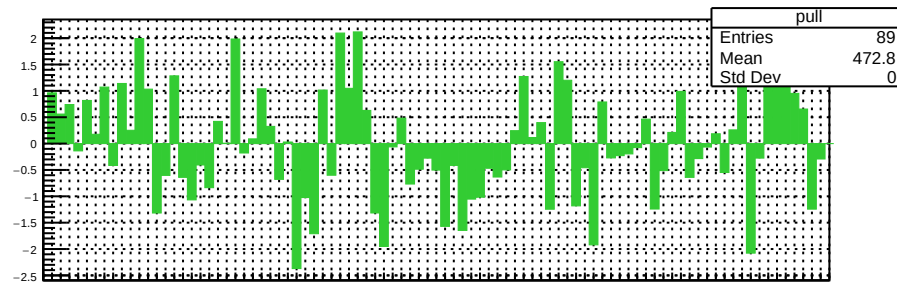
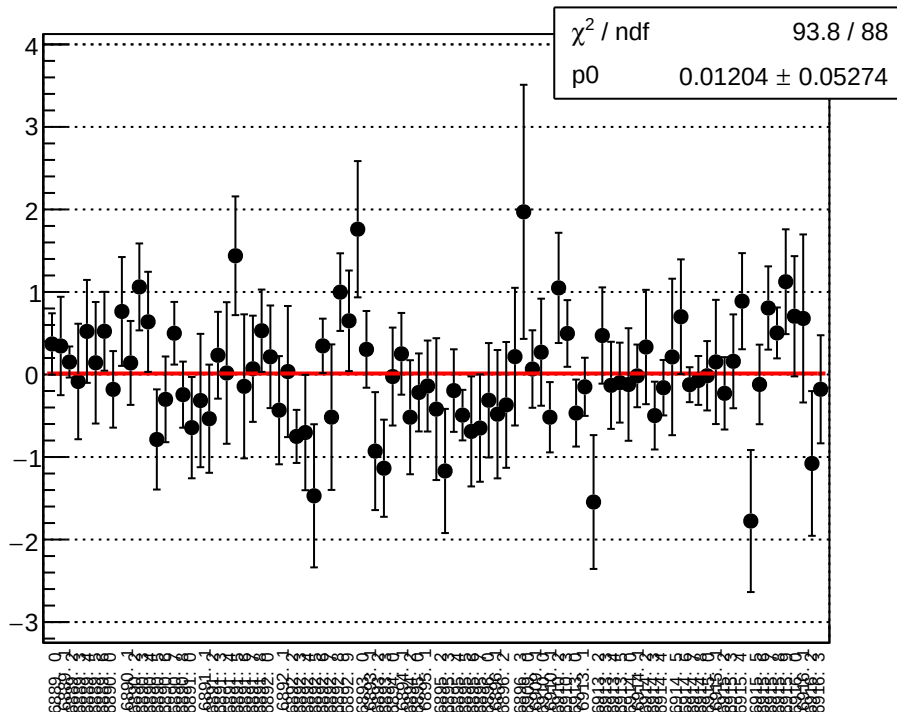
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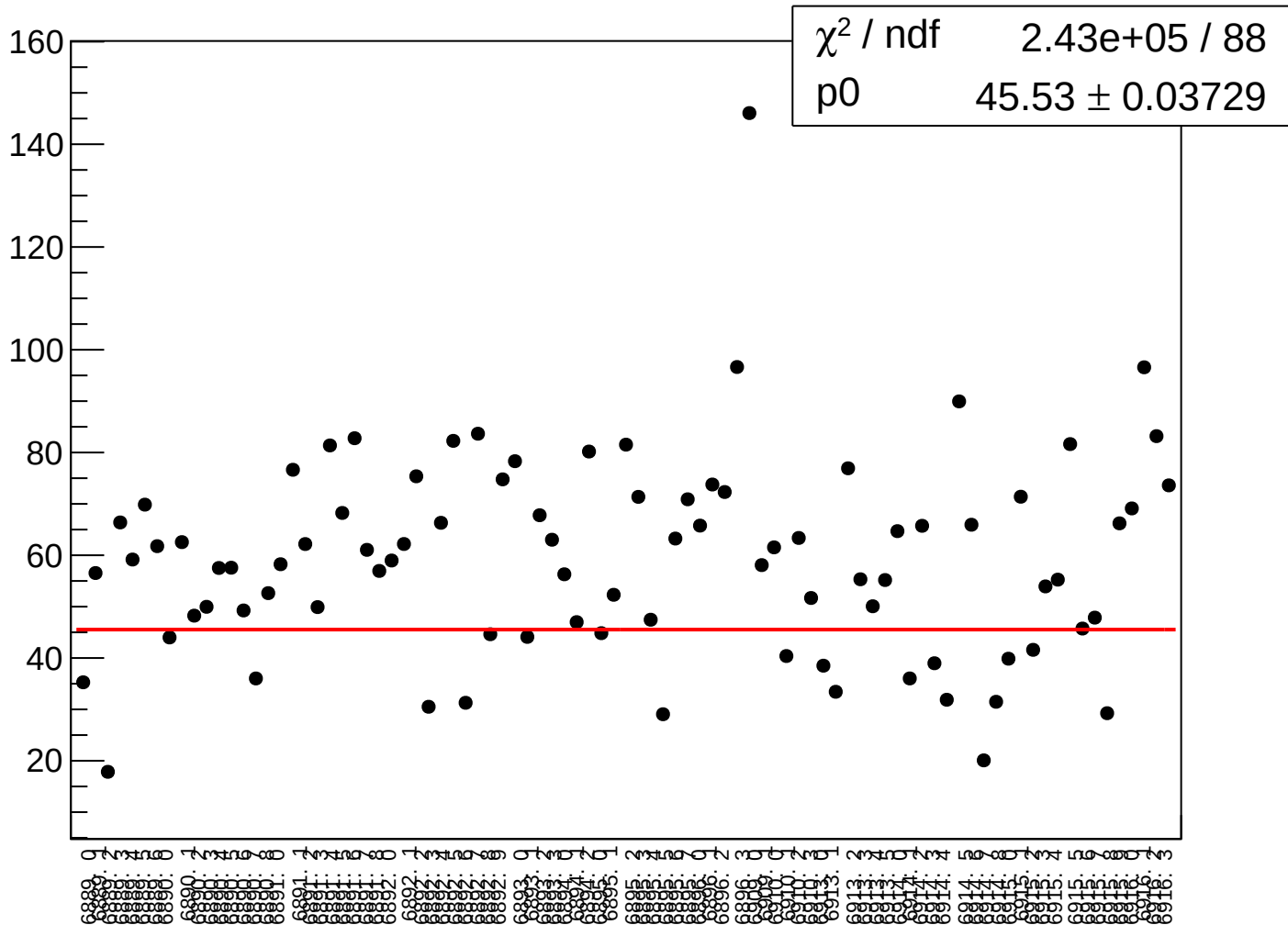
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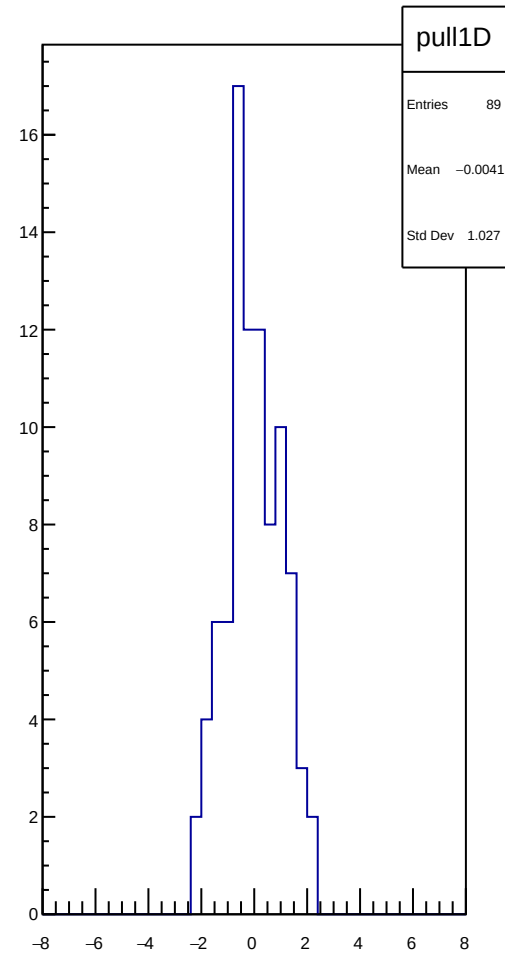
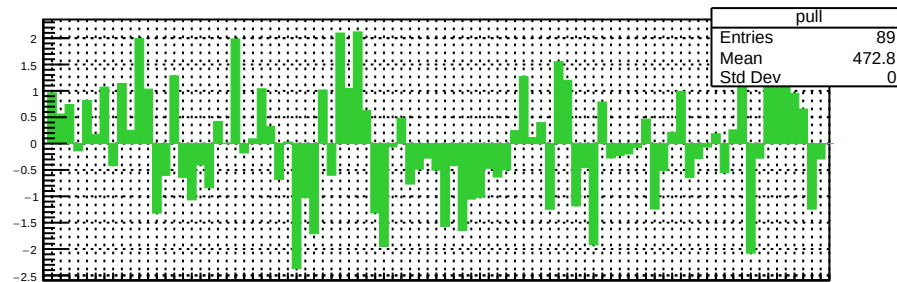
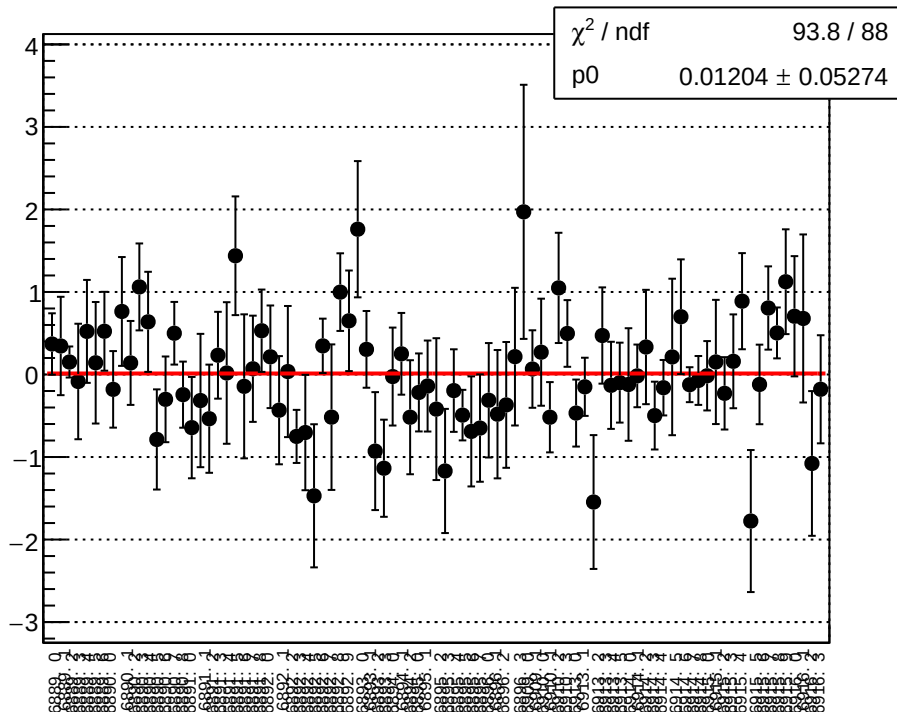
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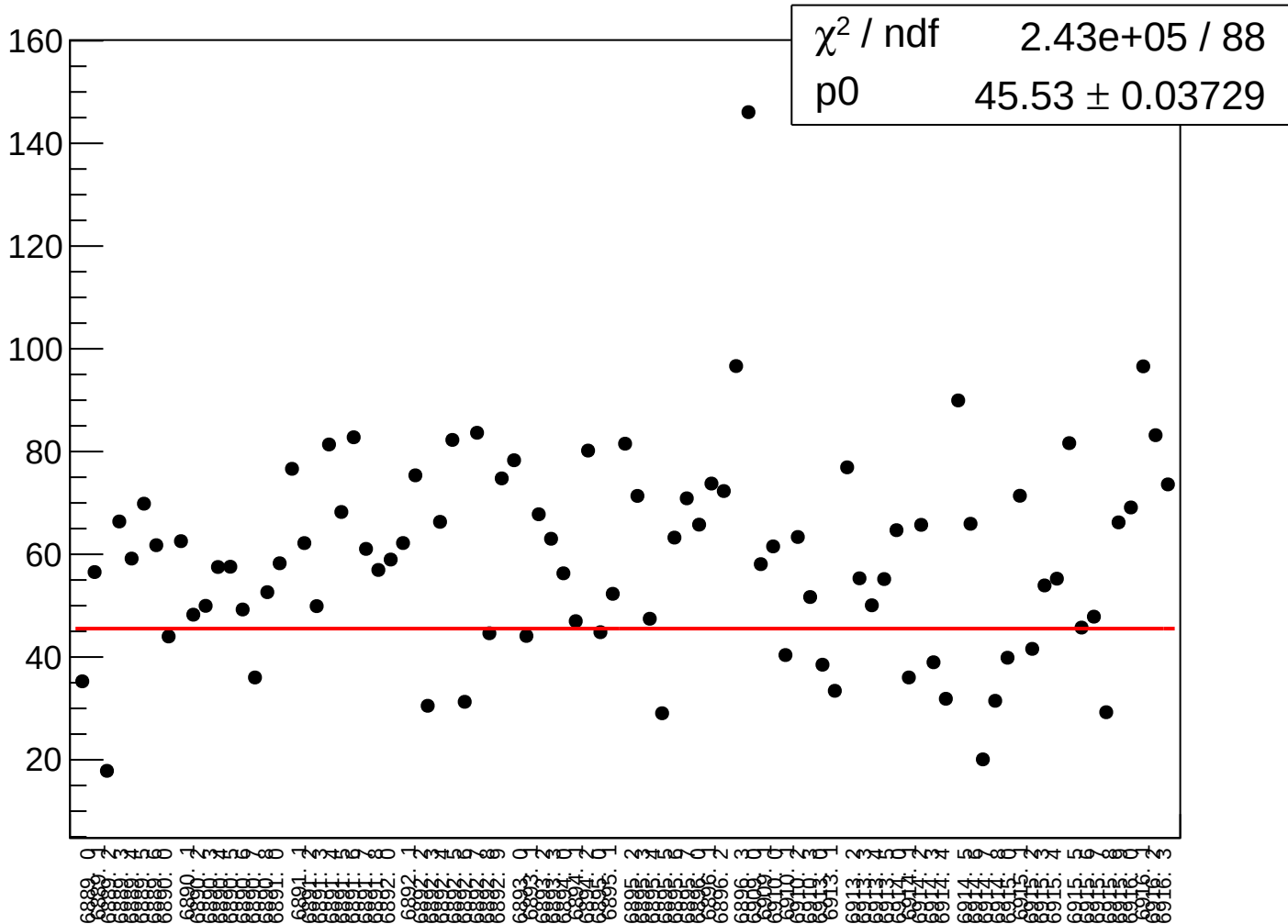
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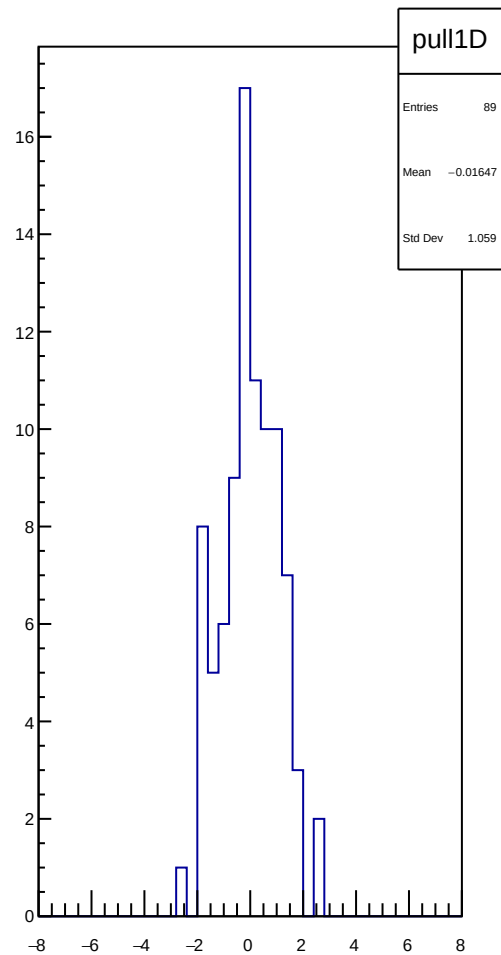
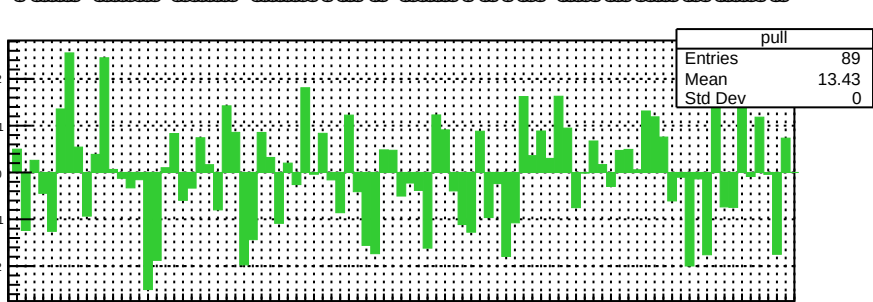
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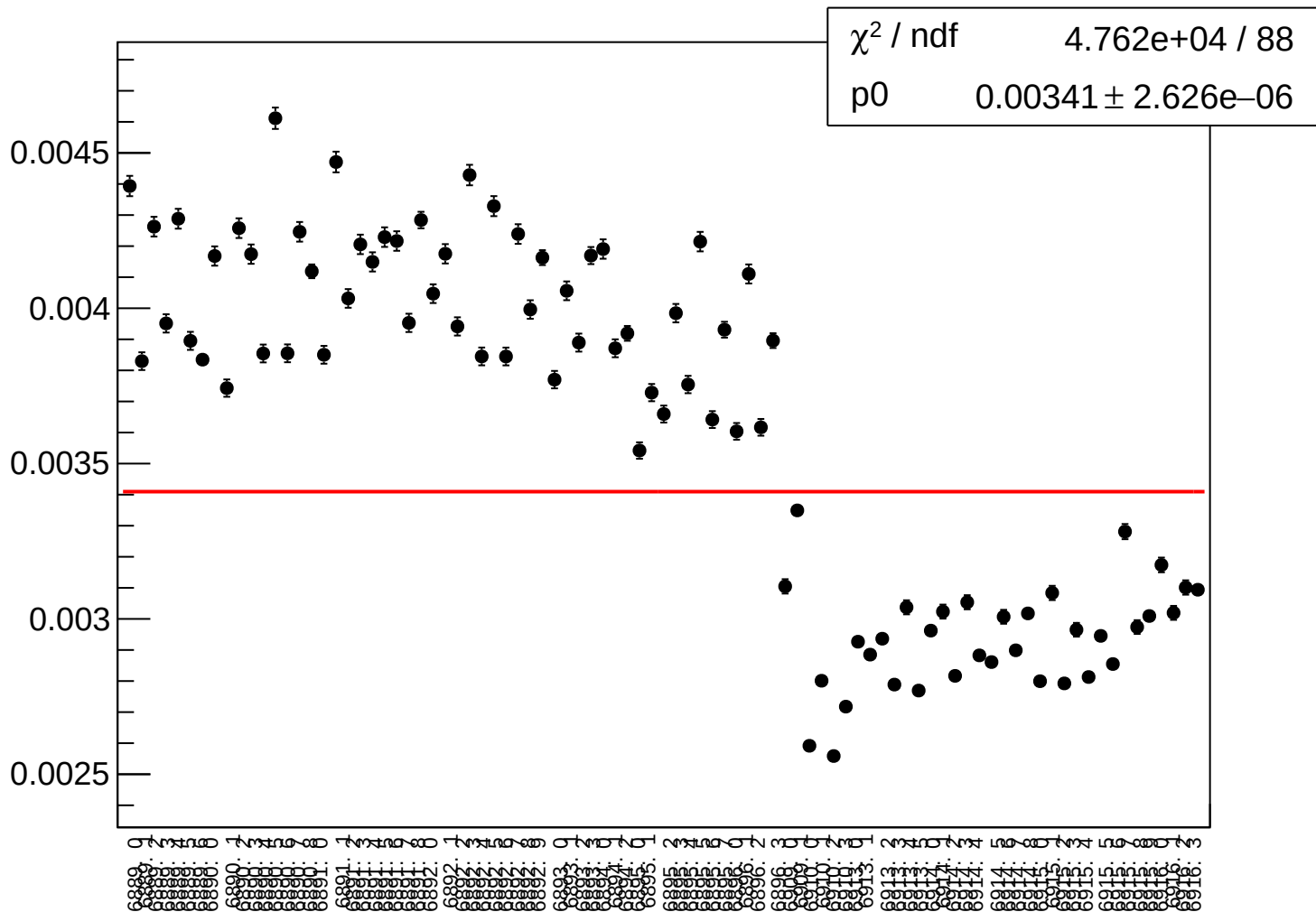
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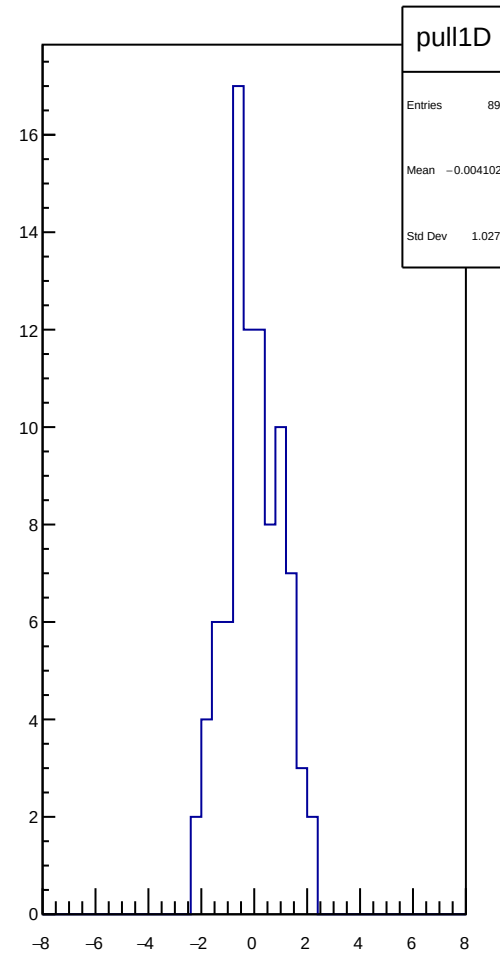
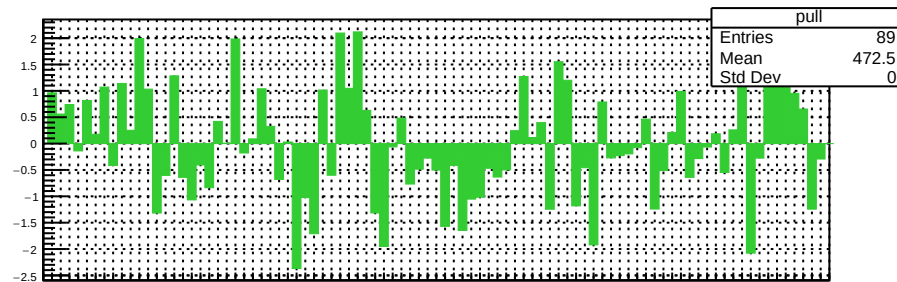
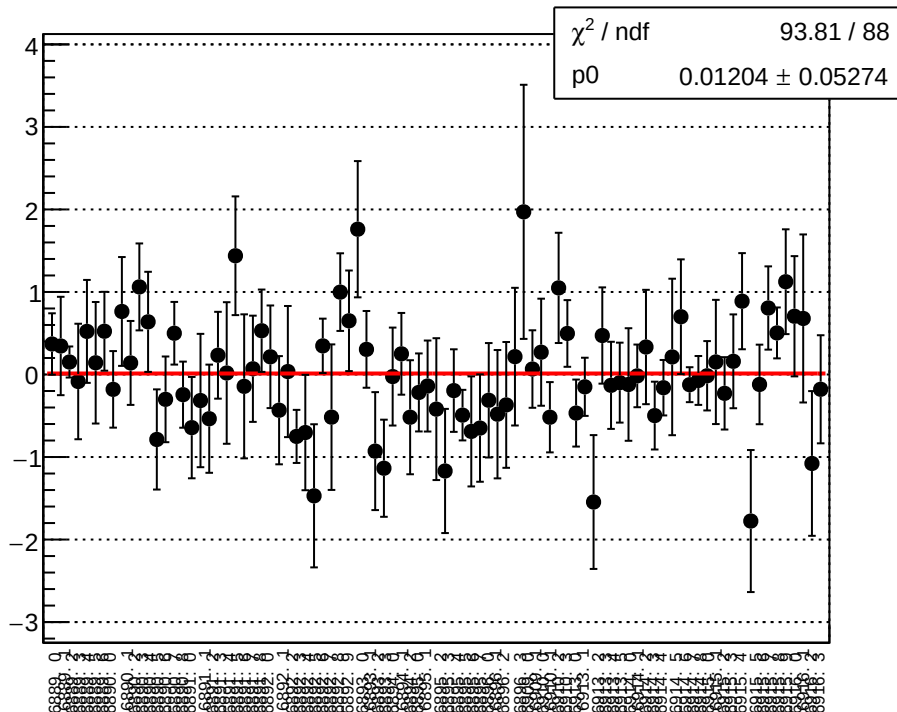
χ^2 / ndf	99.78 / 88
p0	$-5.674\text{e-}06 \pm 3.714\text{e-}06$



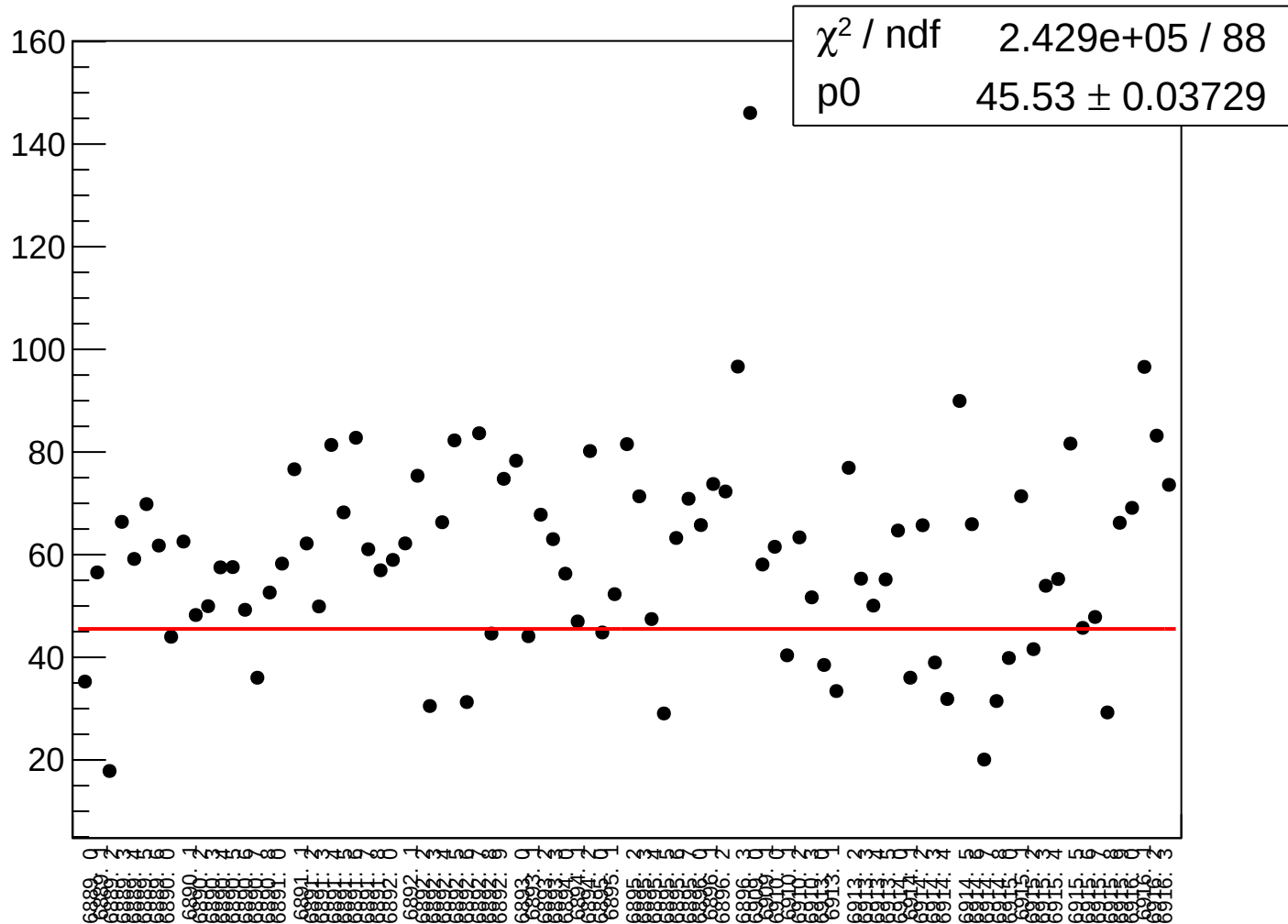
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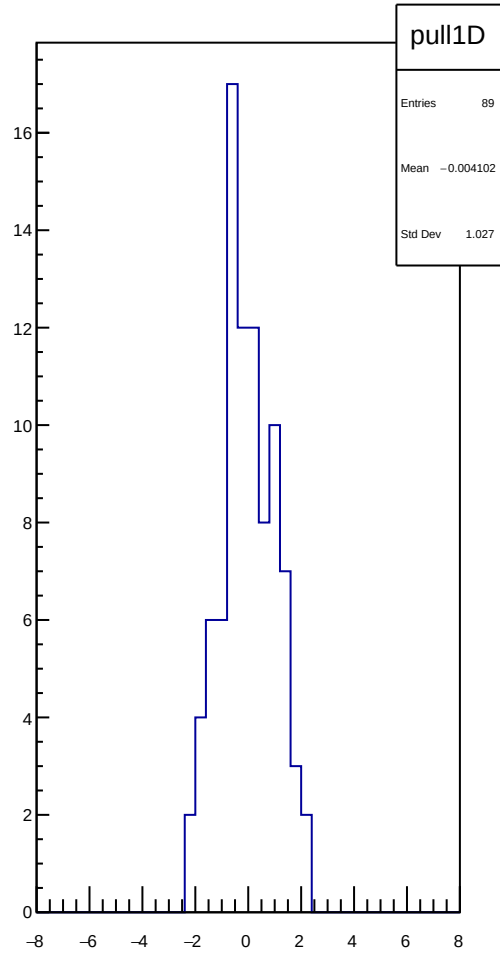
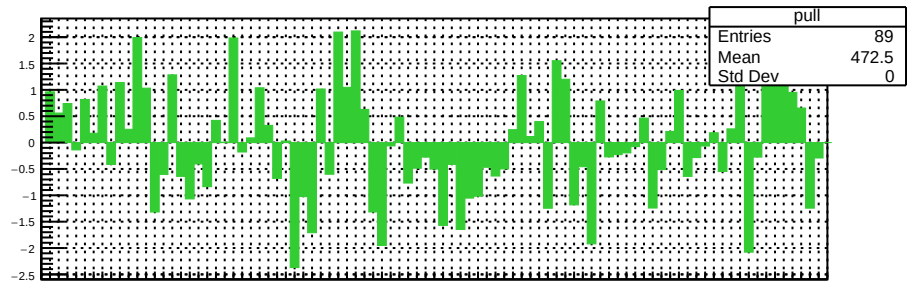
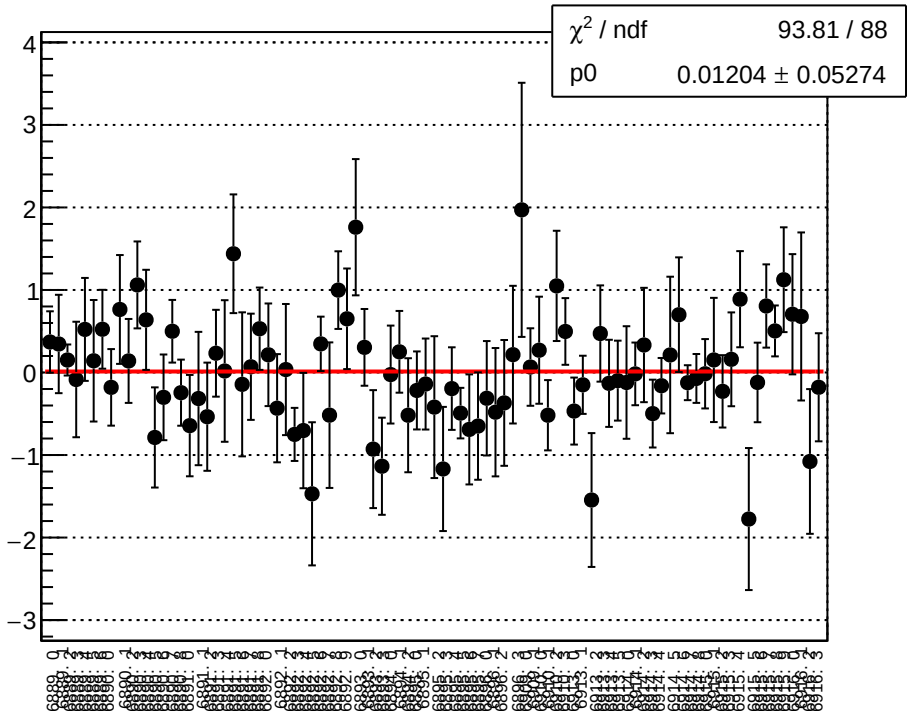
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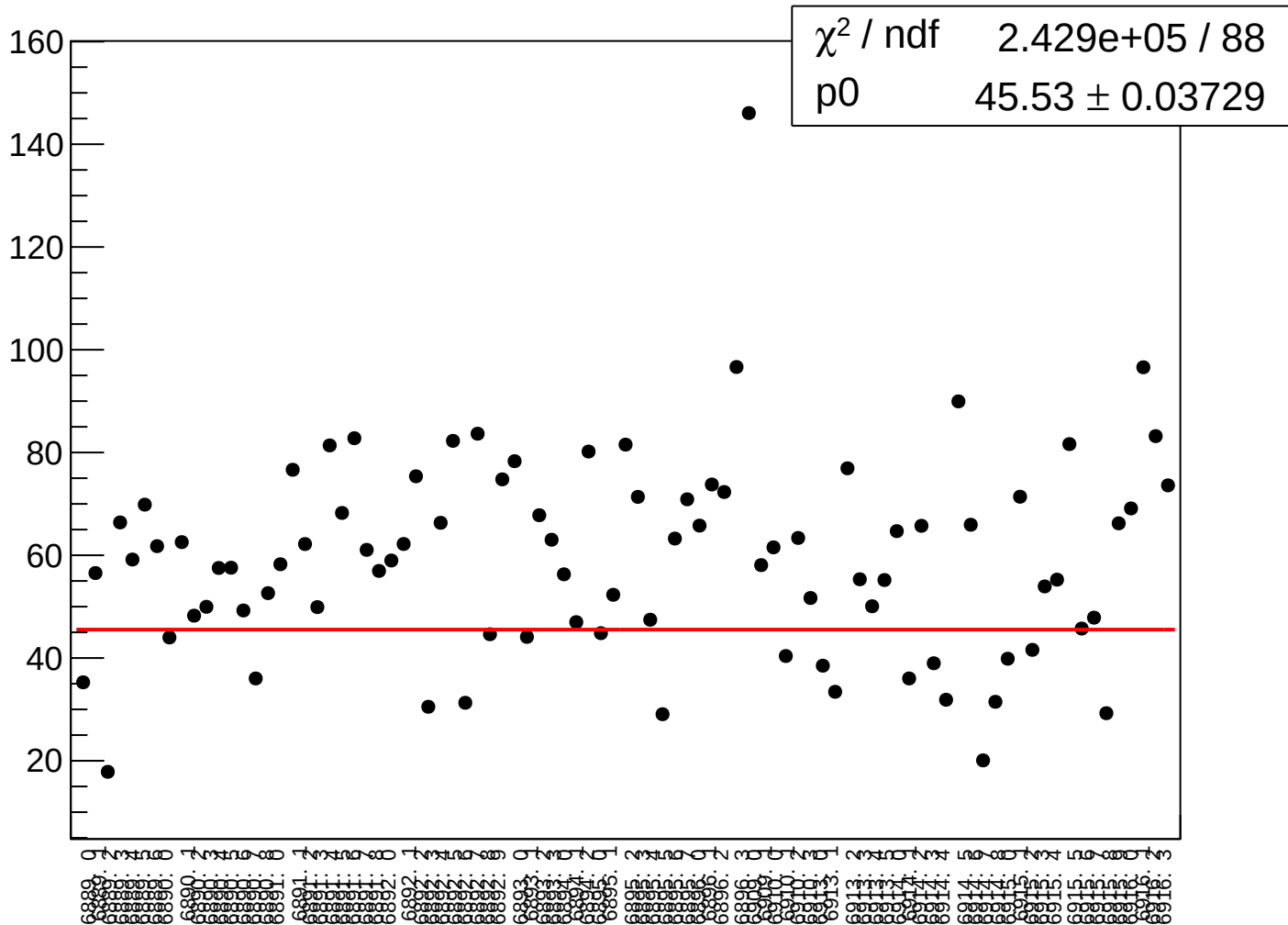
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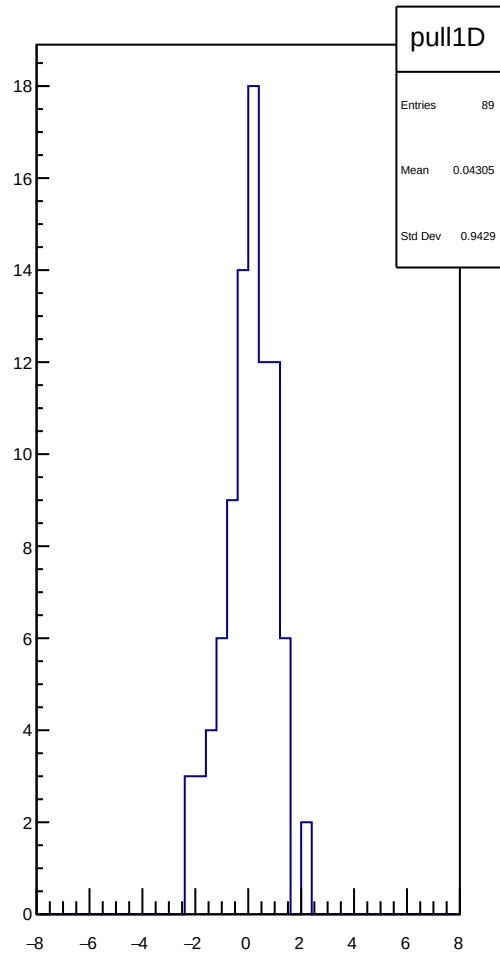
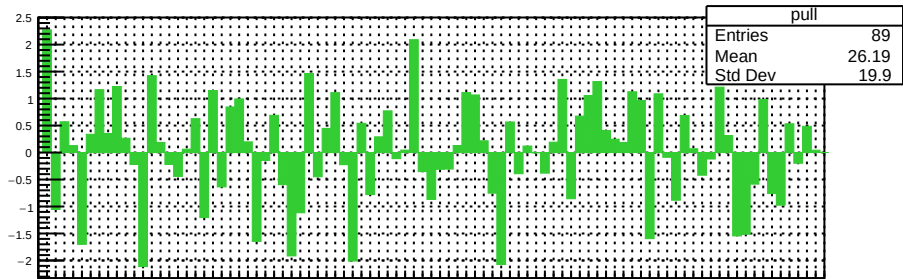
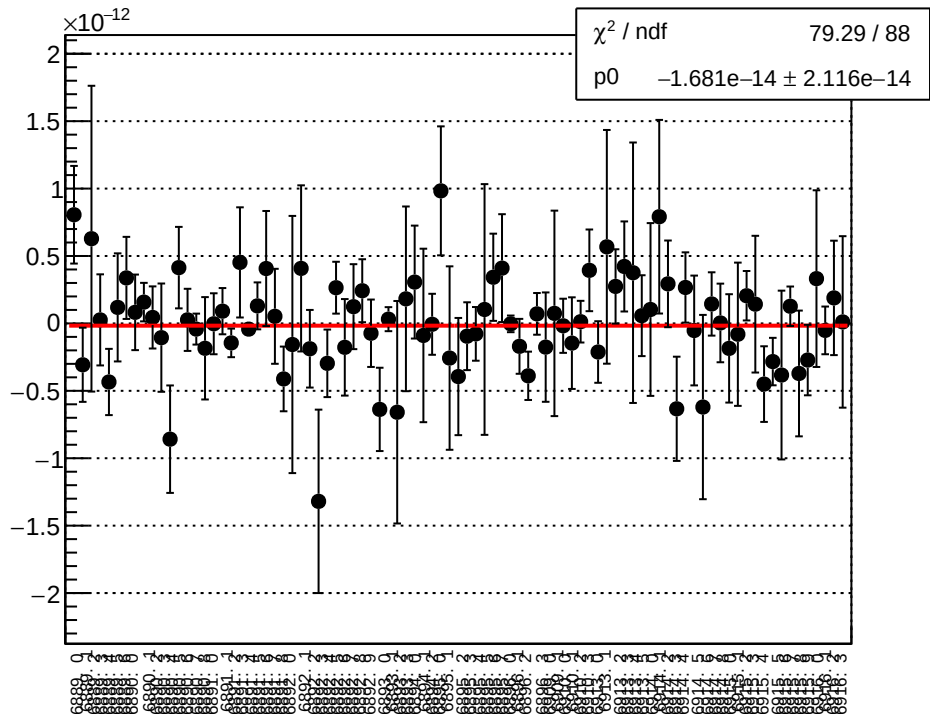
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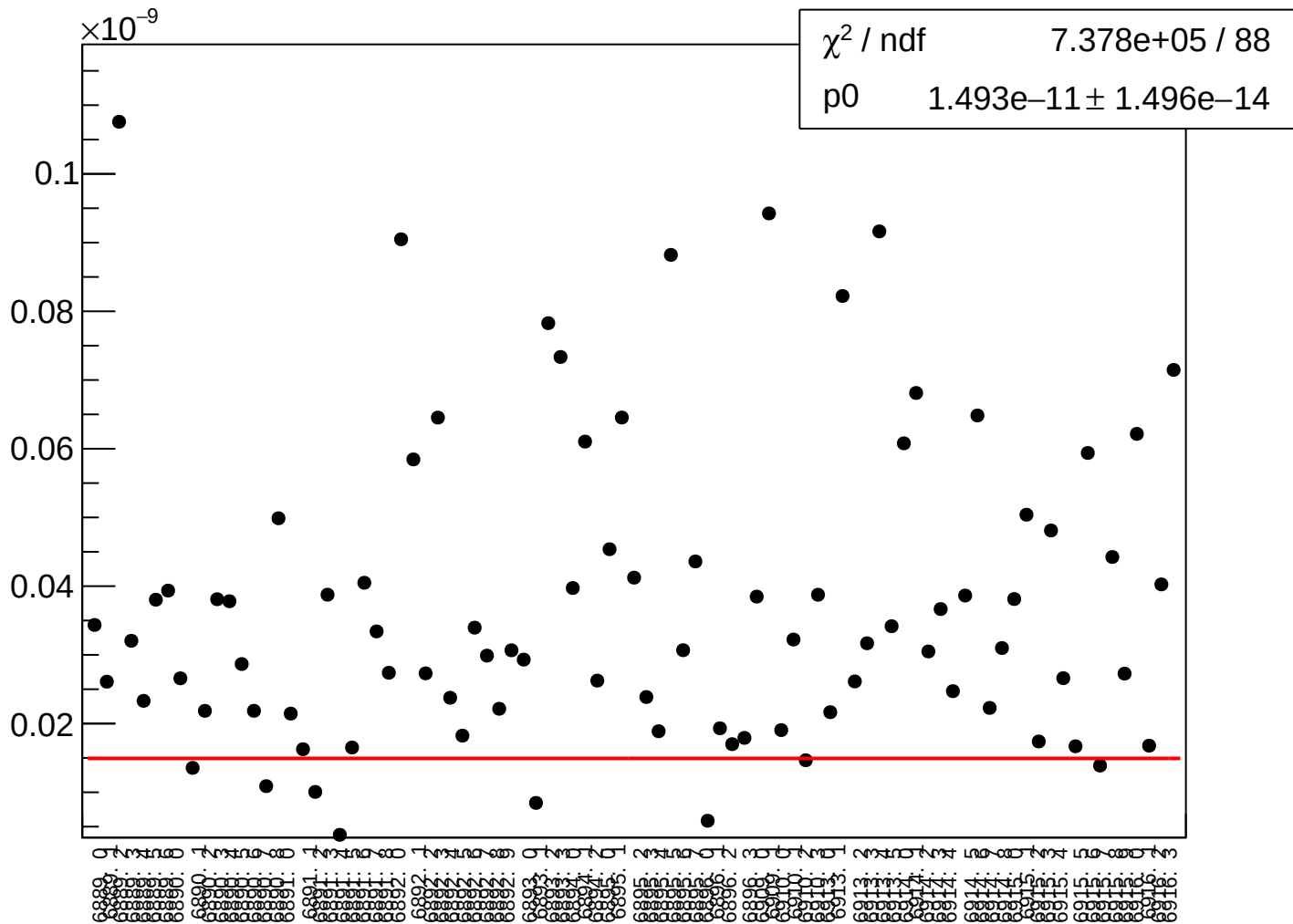
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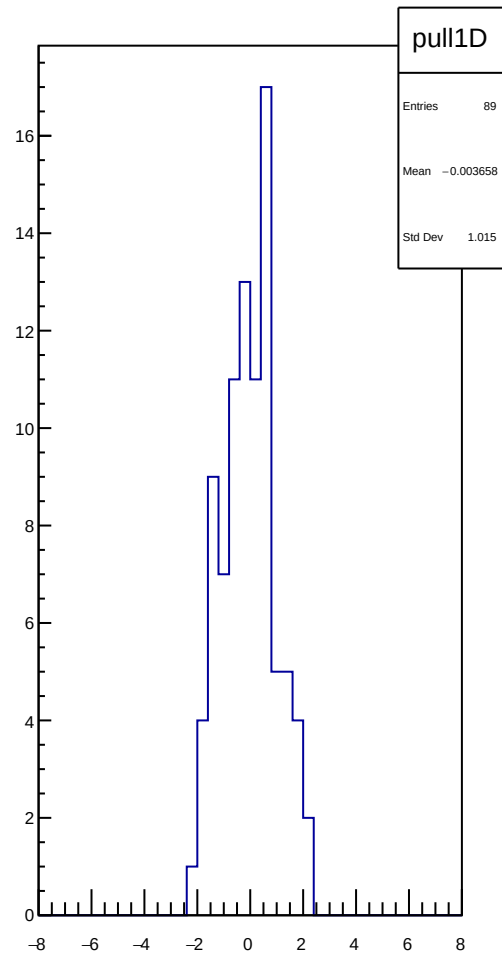
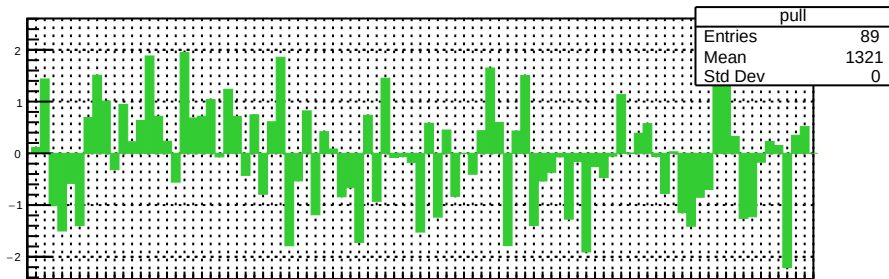
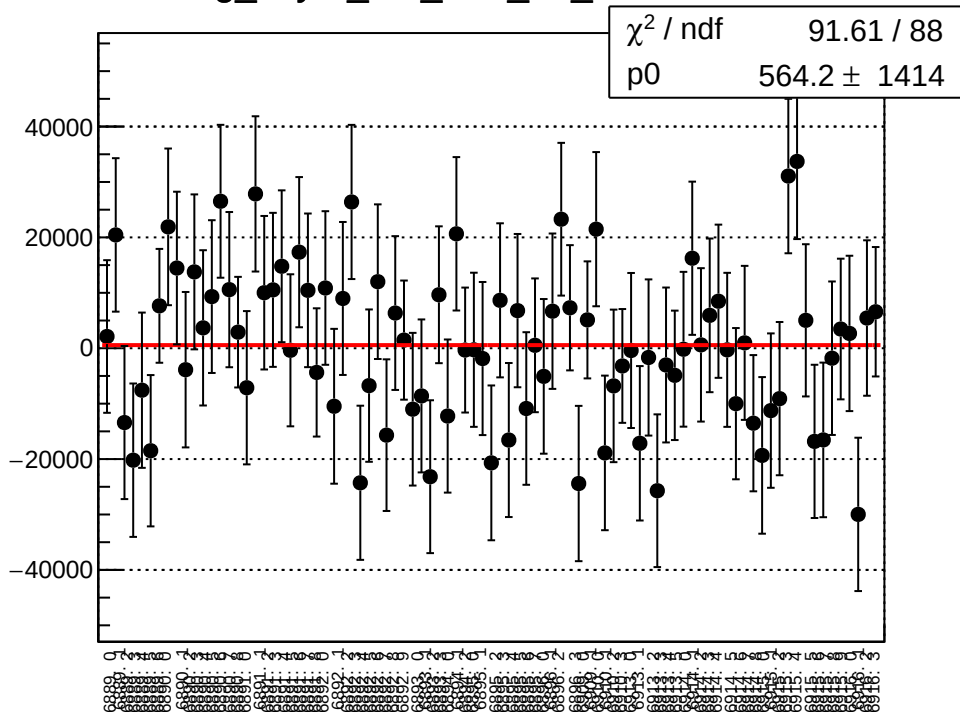
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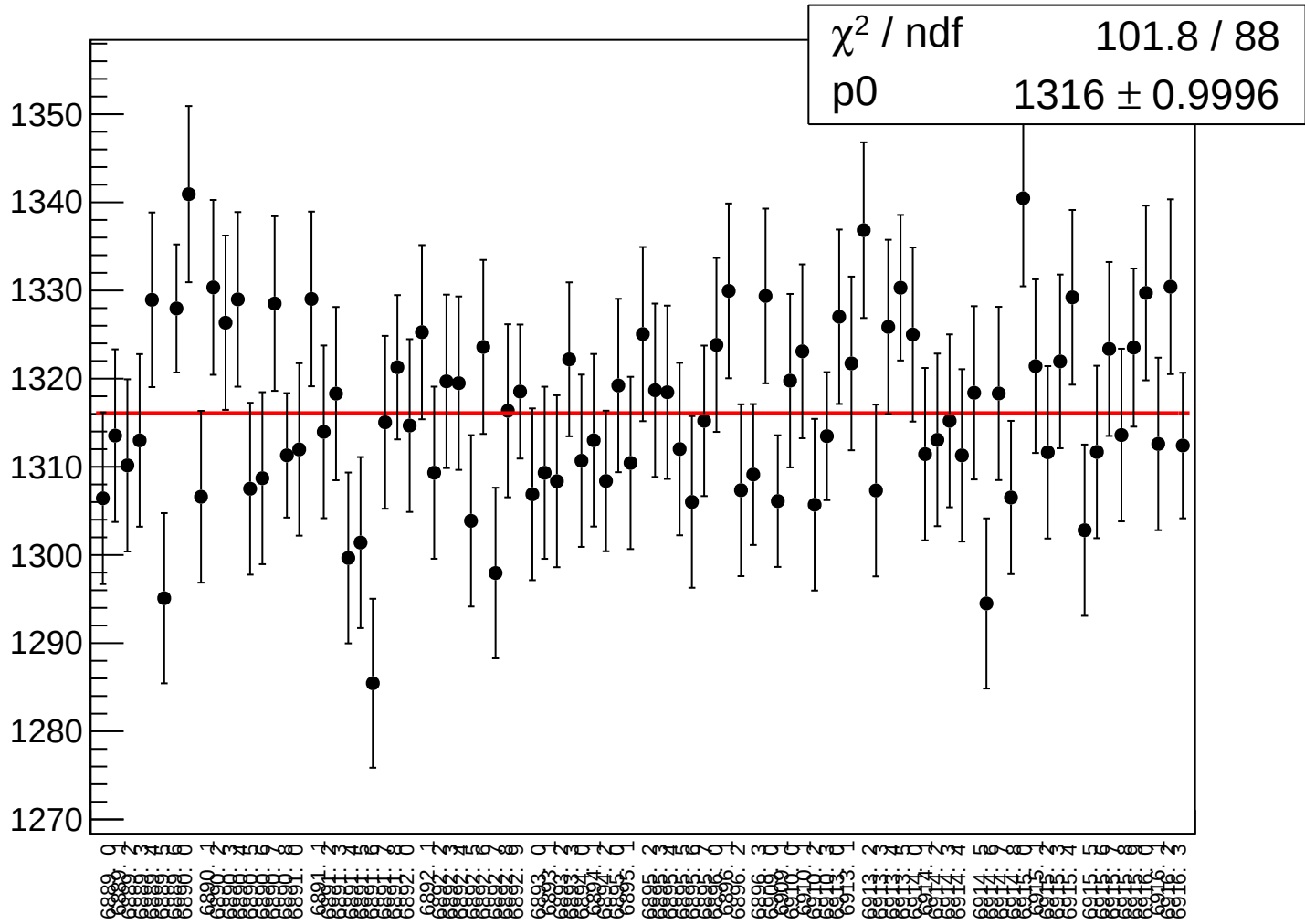
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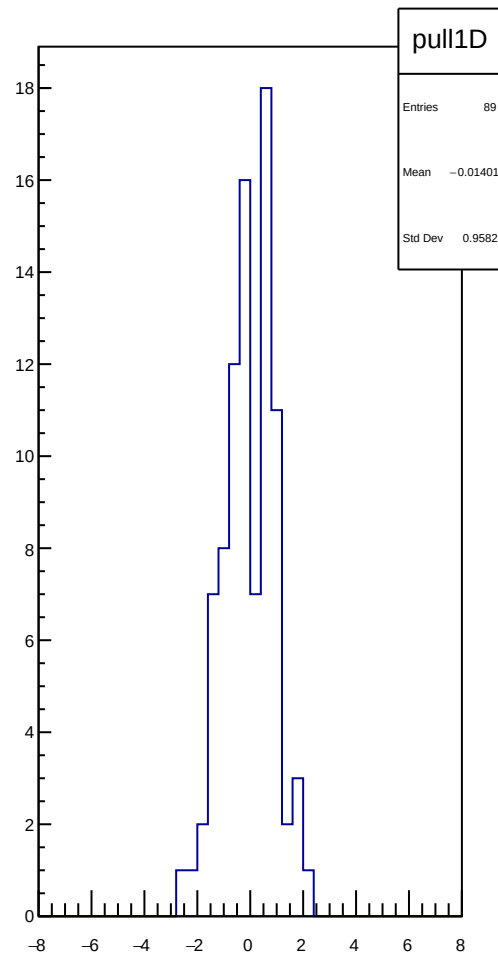
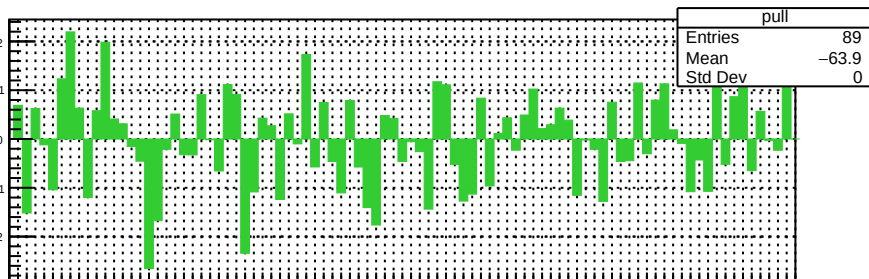
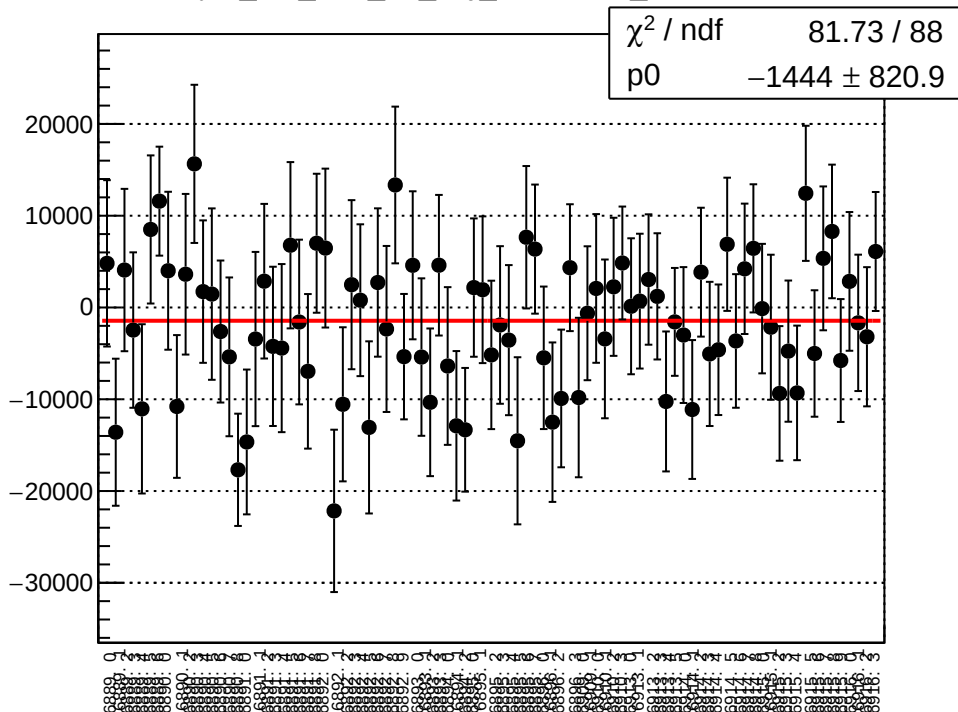
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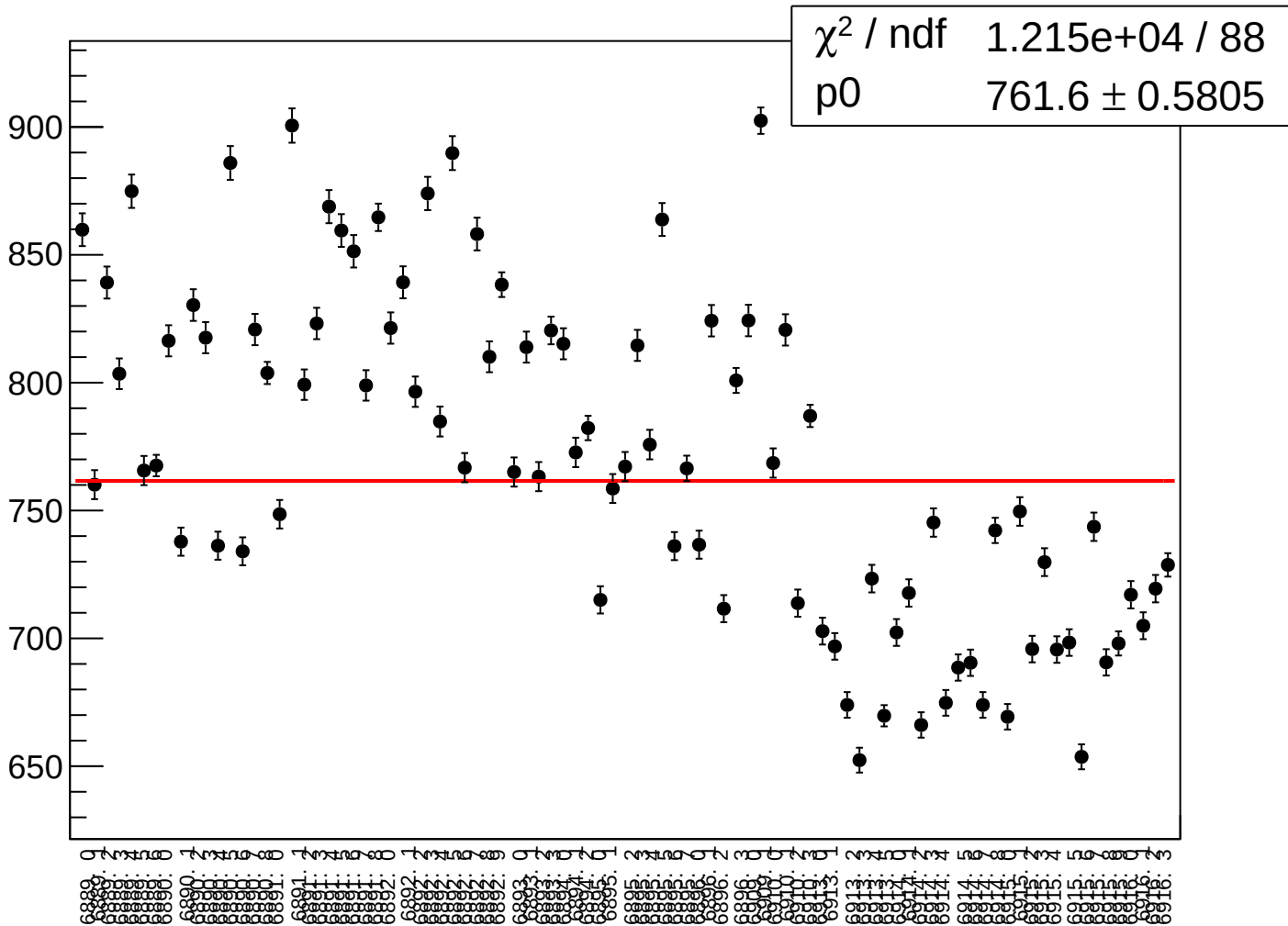
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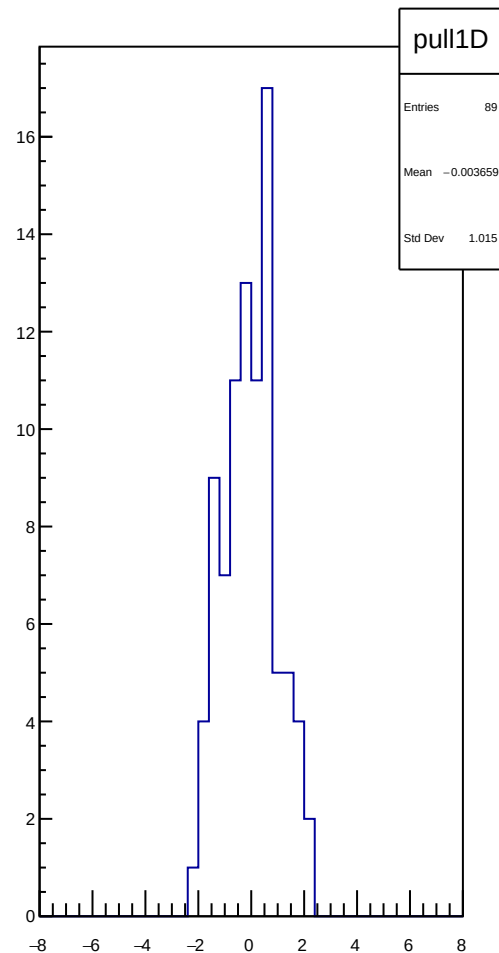
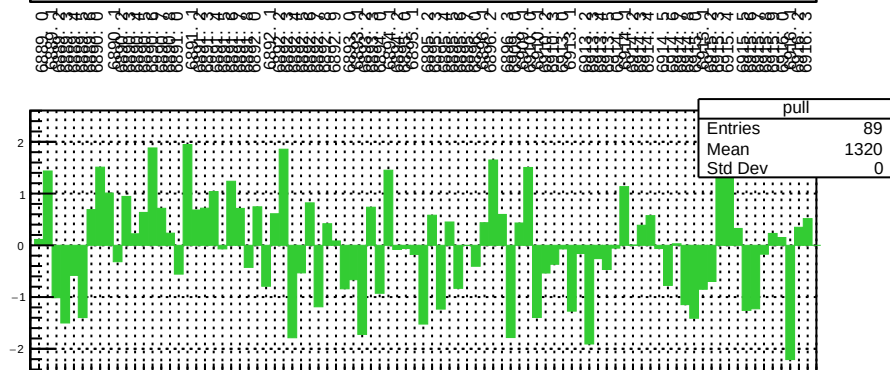
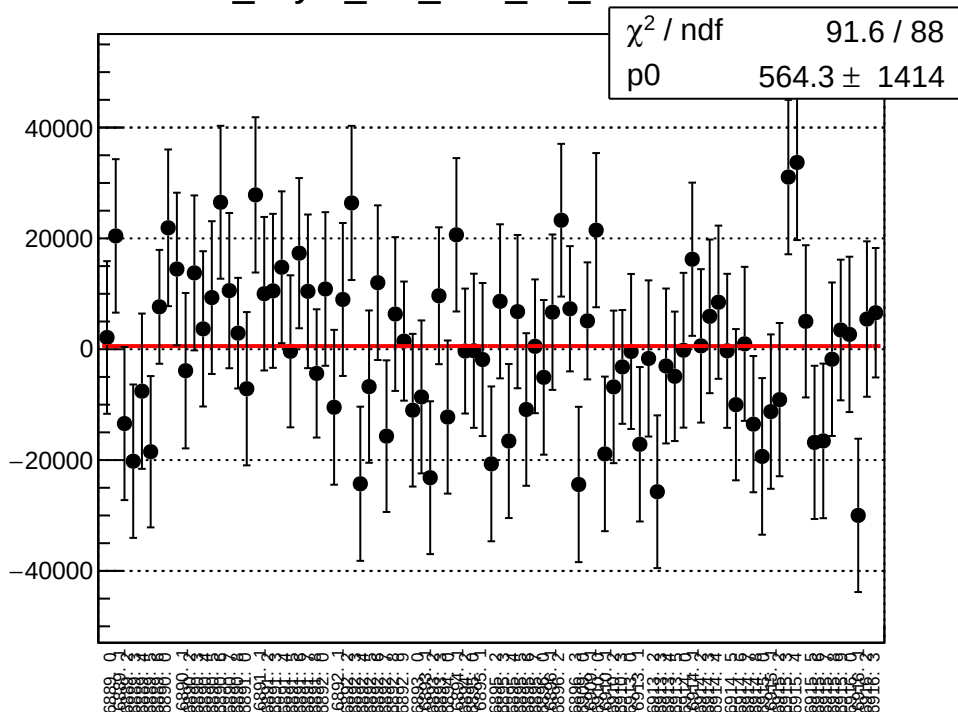
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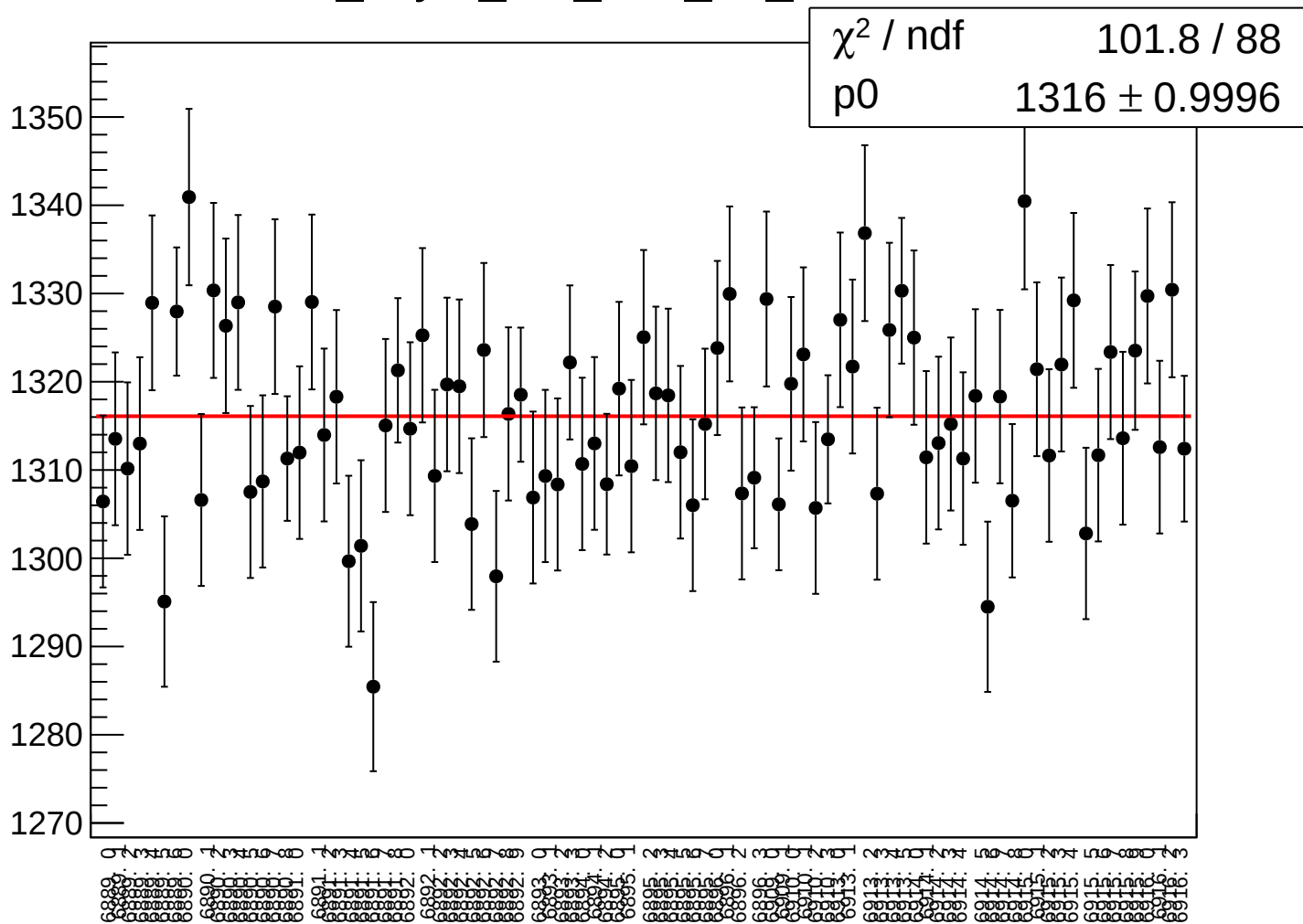
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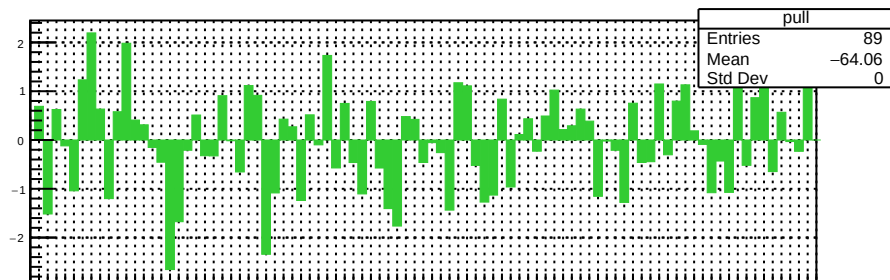
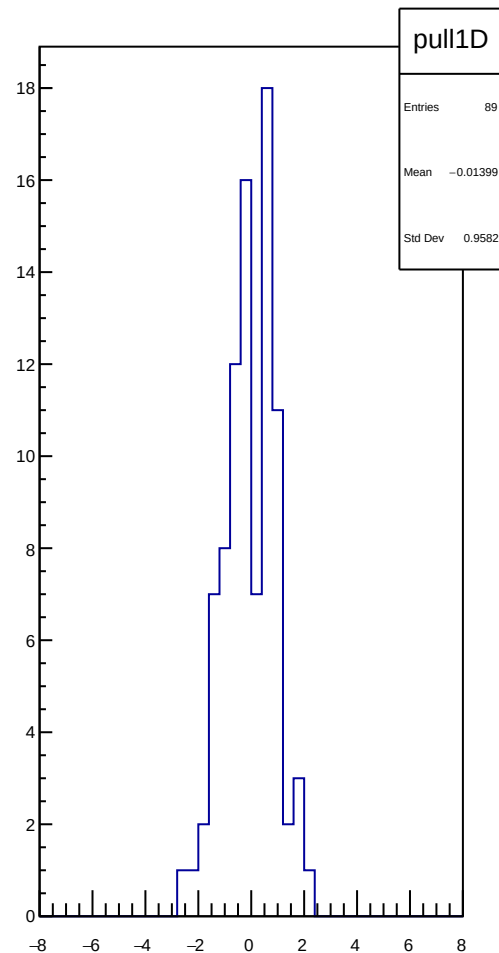
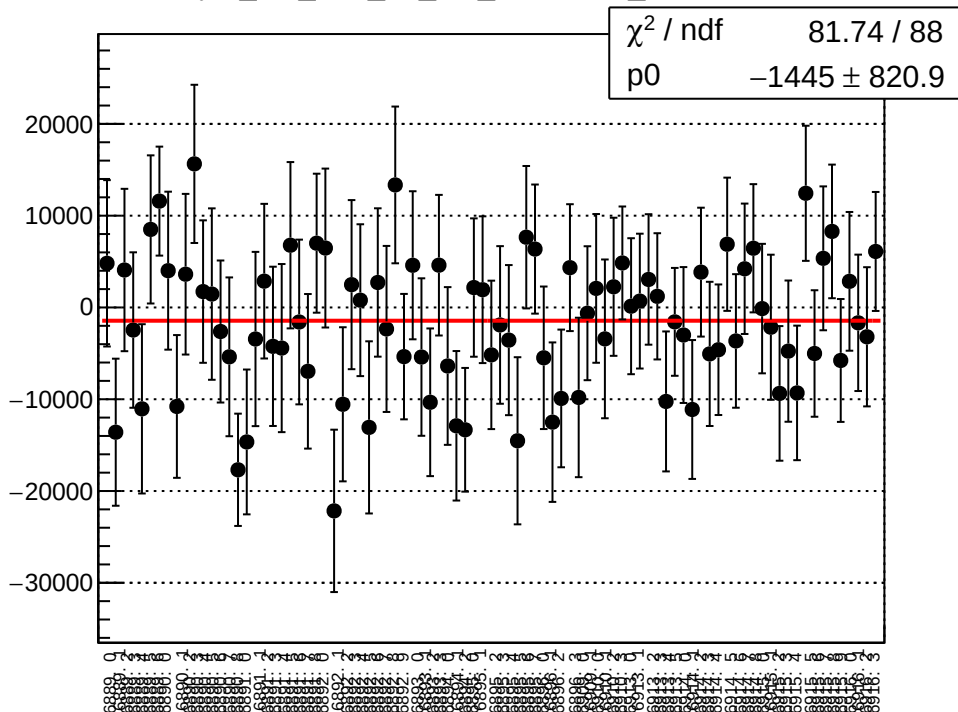
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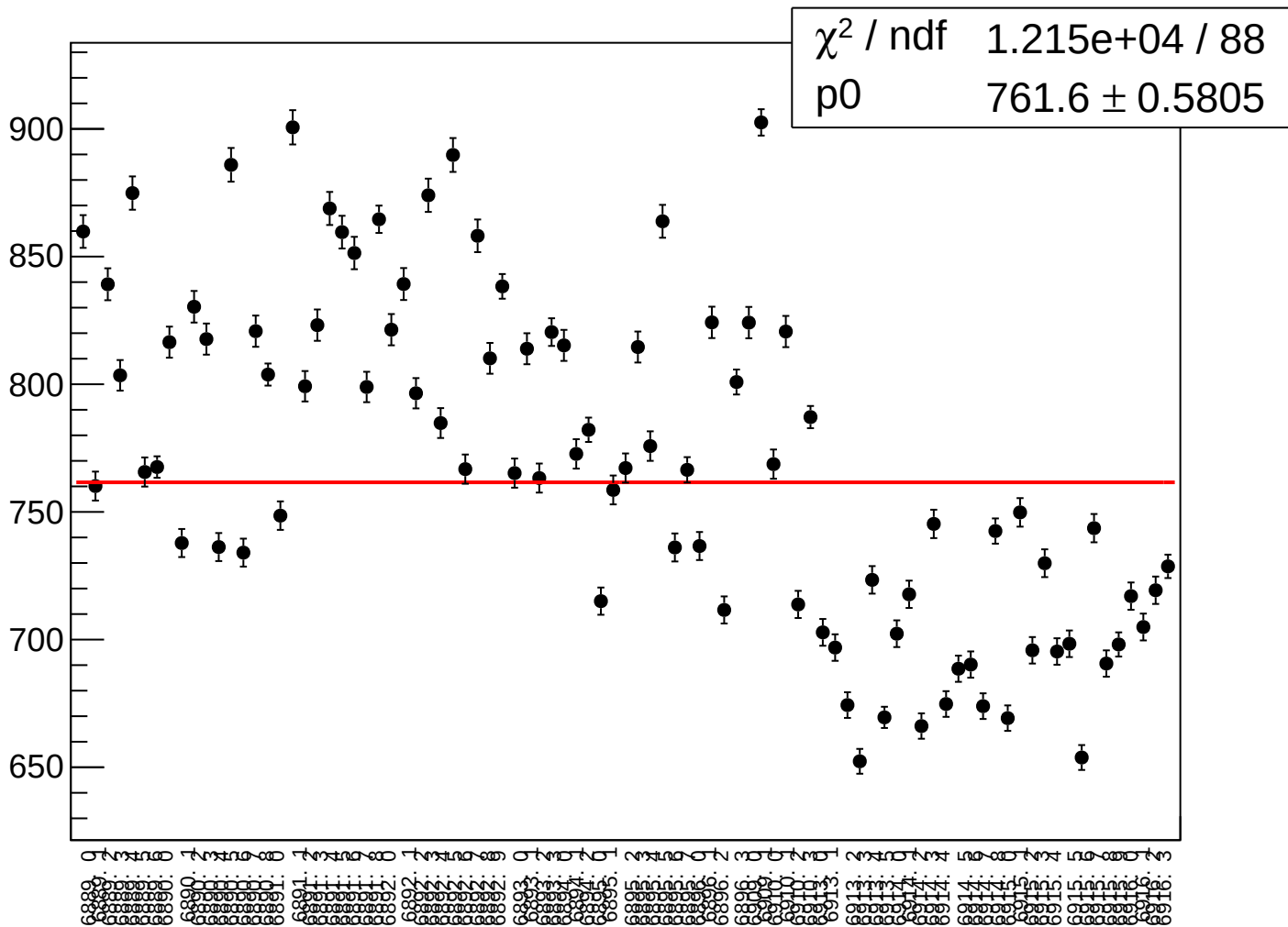
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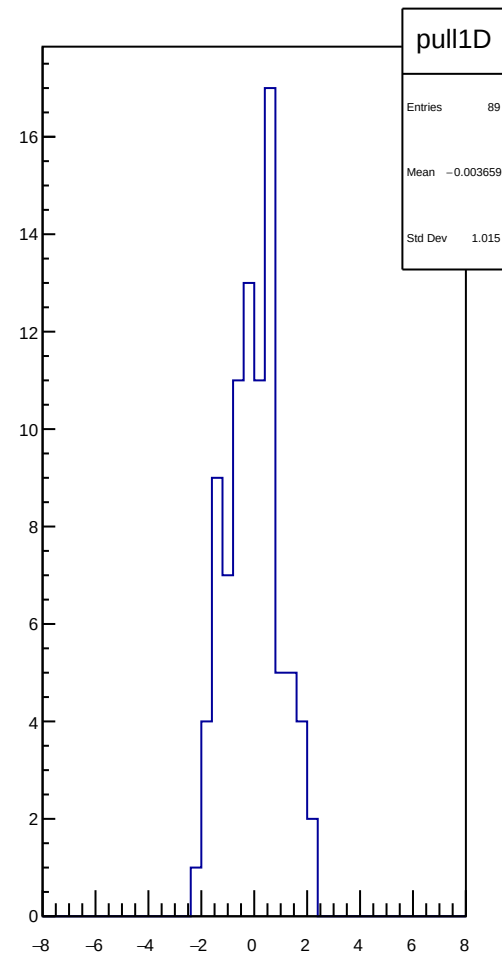
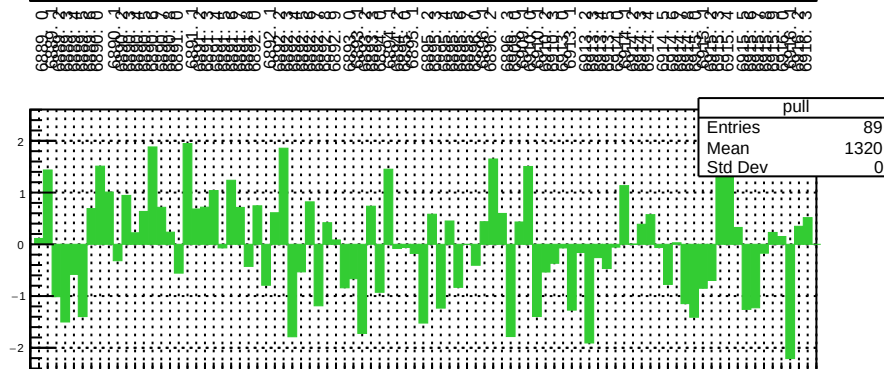
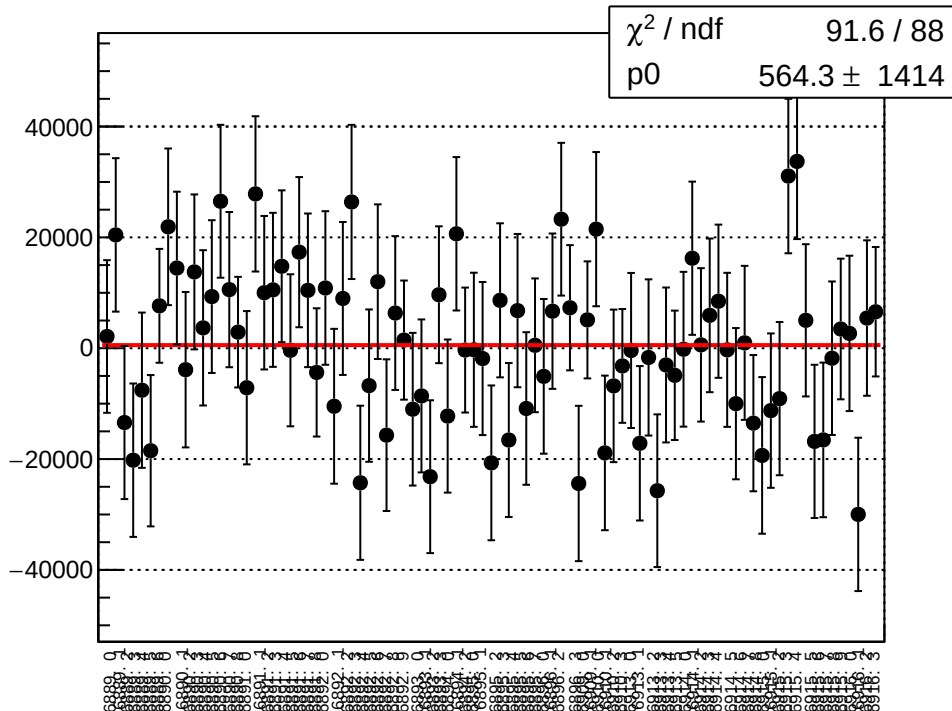
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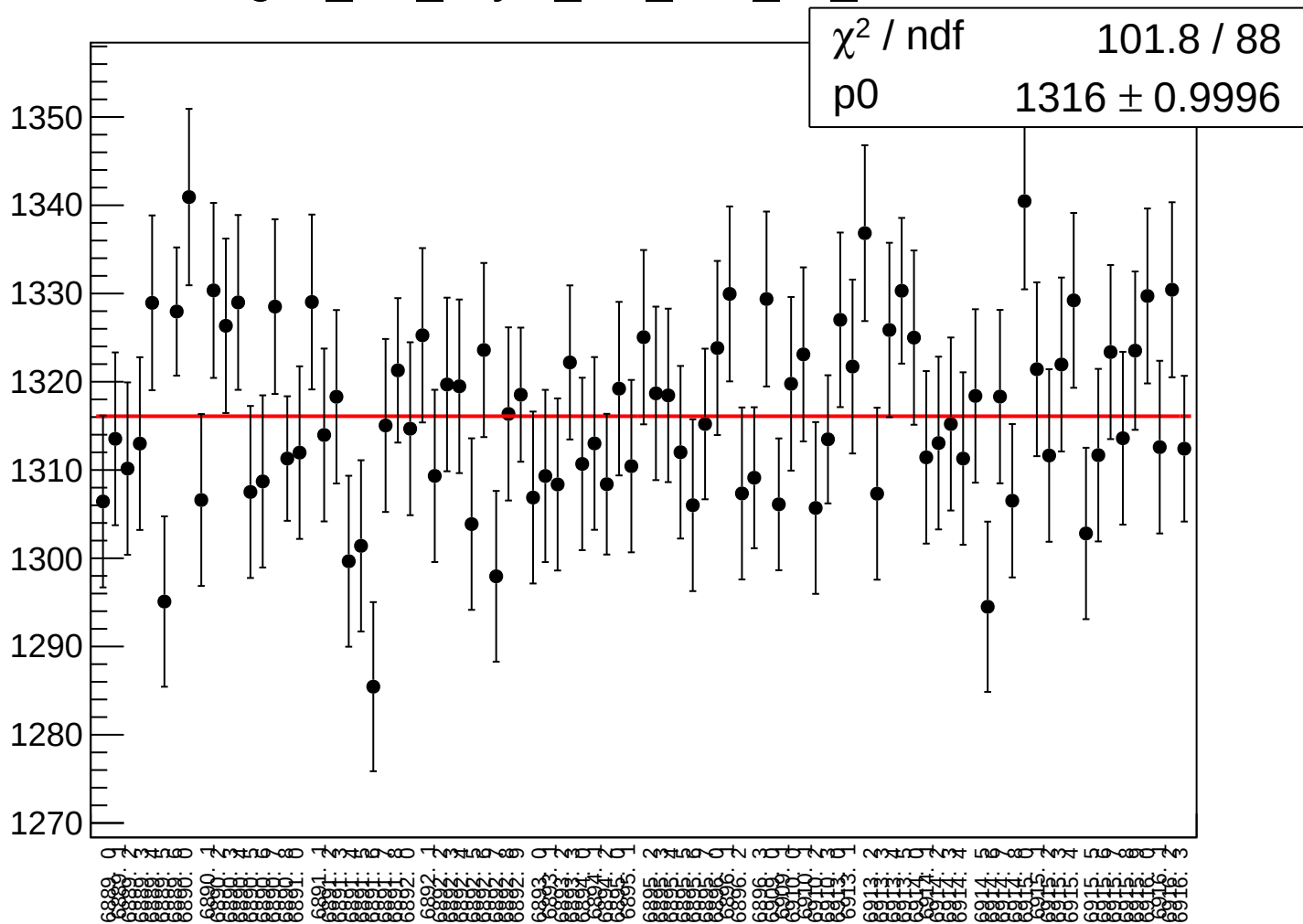
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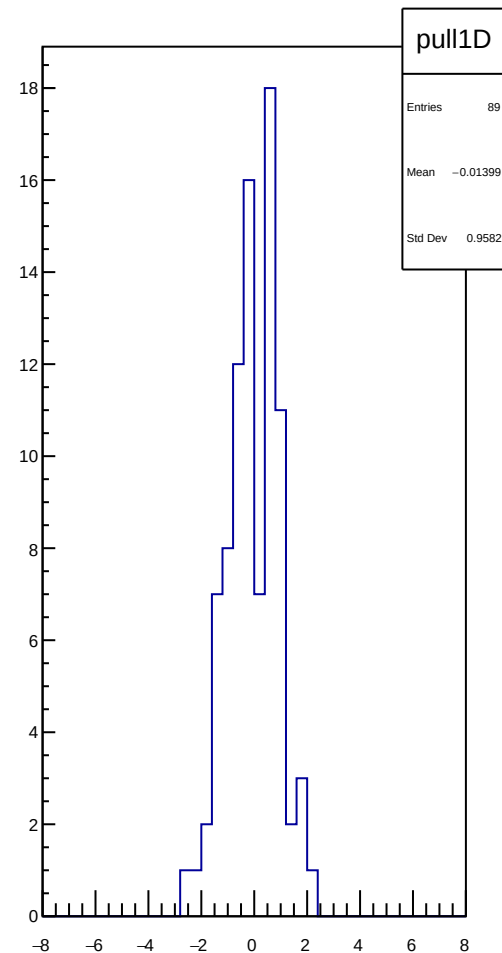
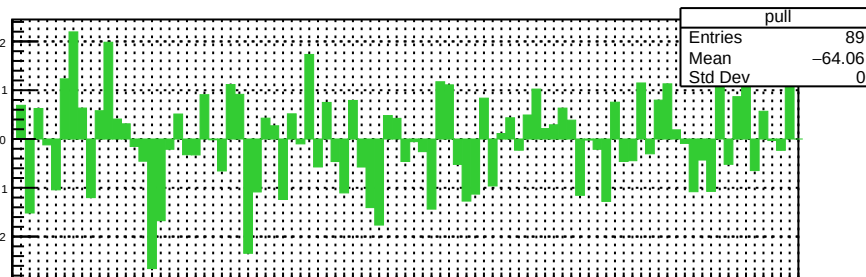
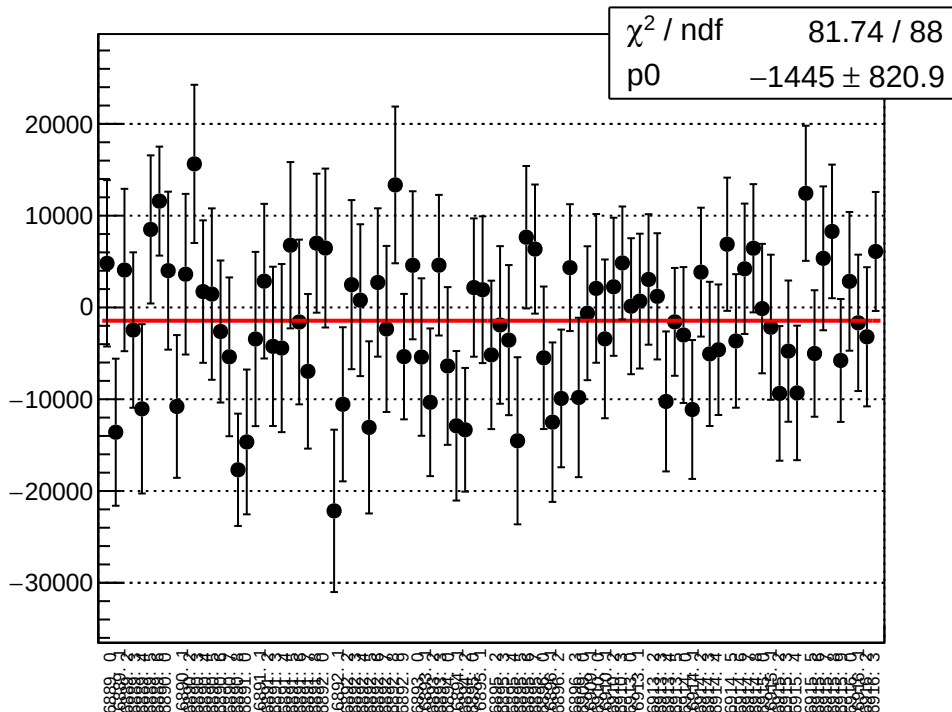
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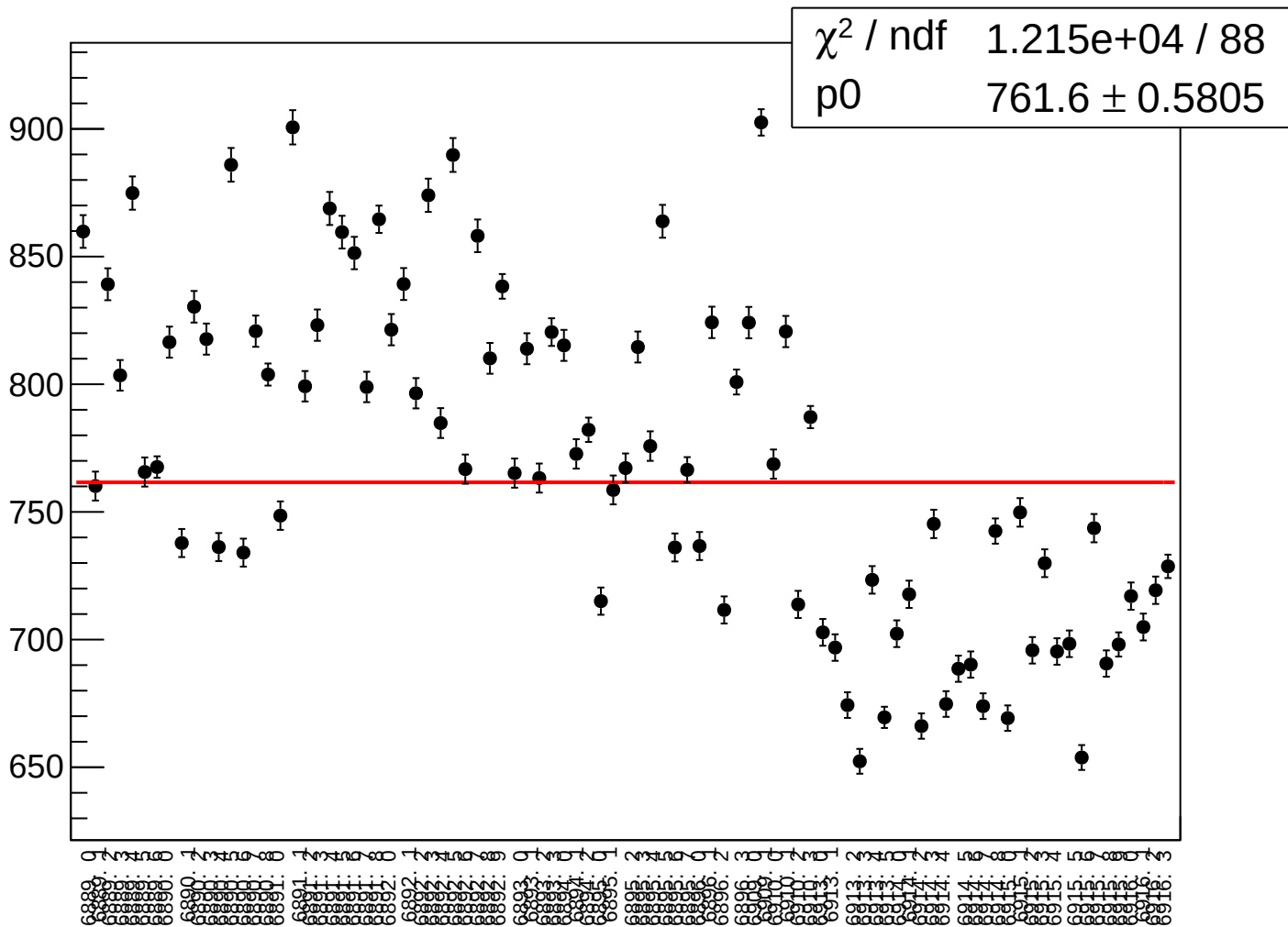
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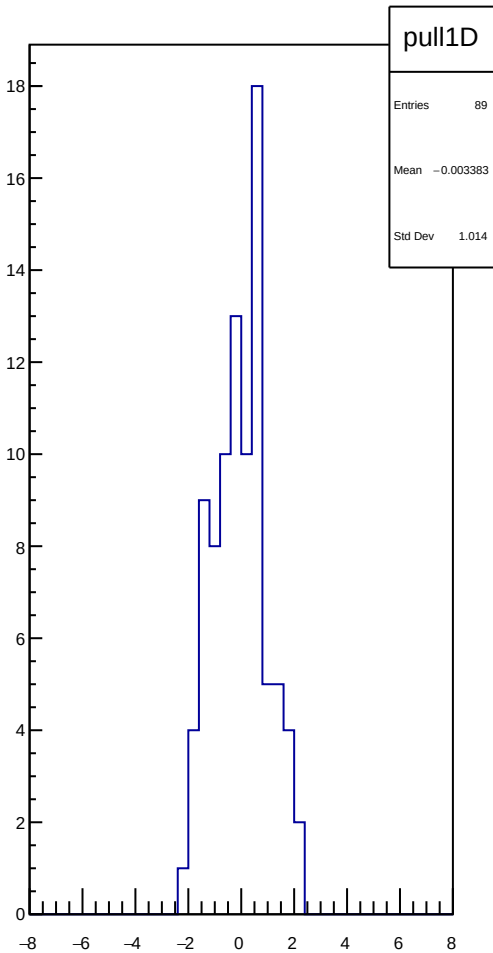
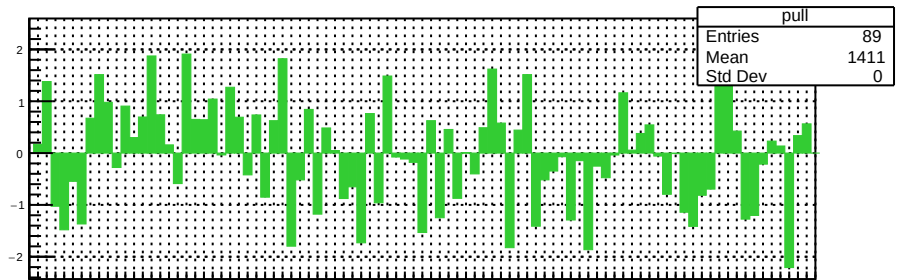
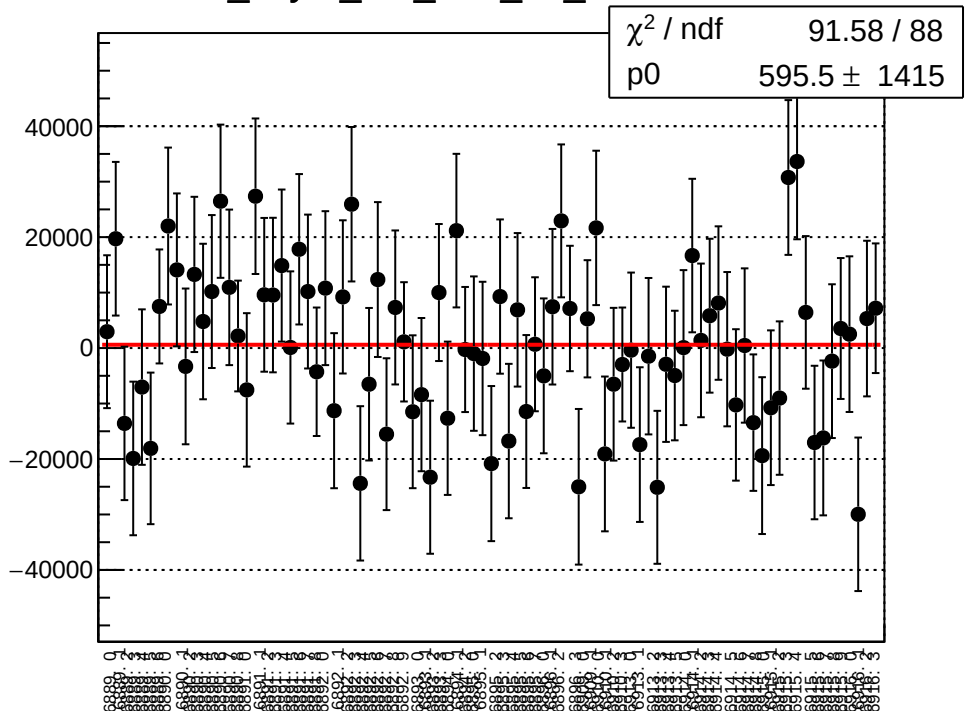
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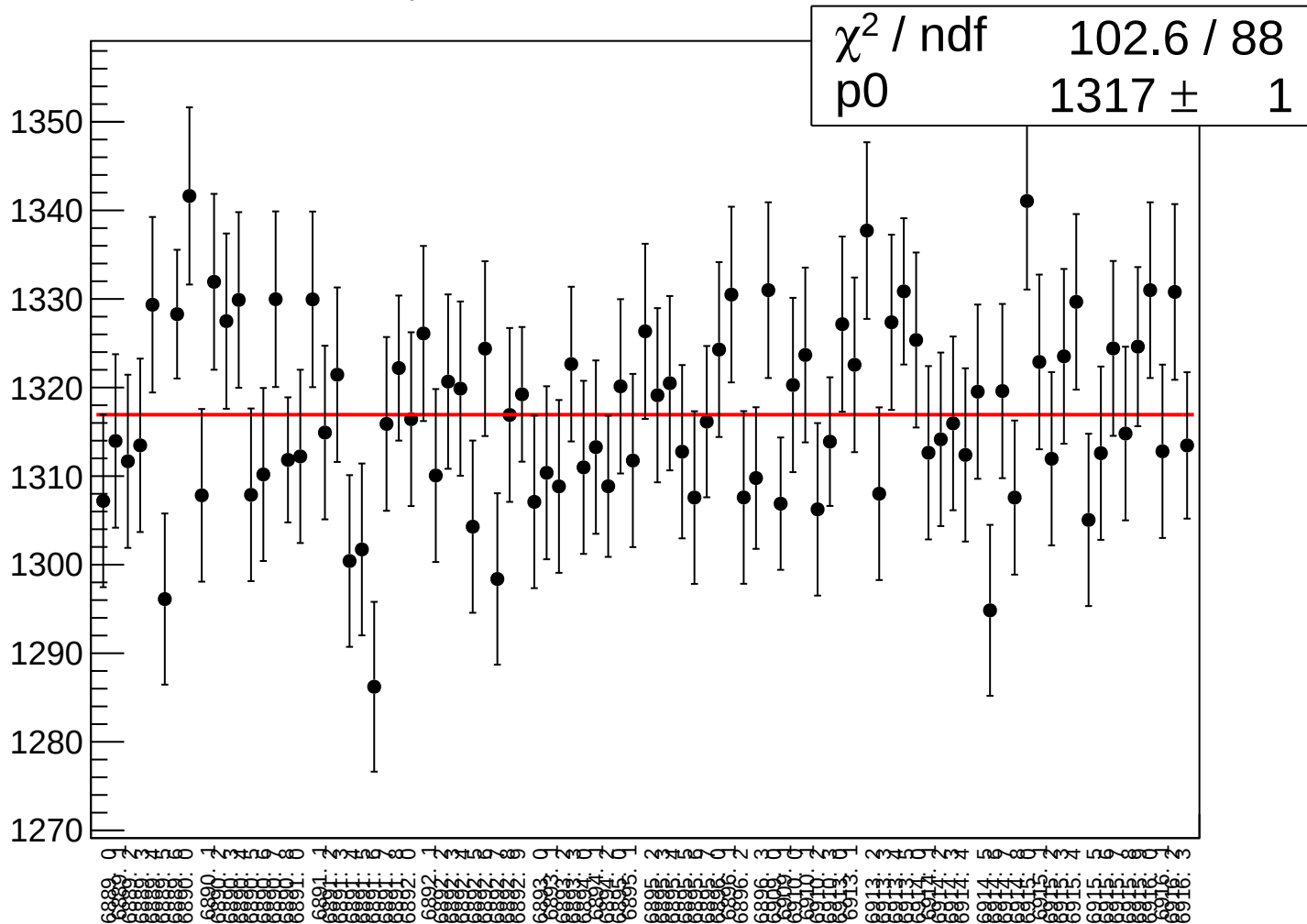
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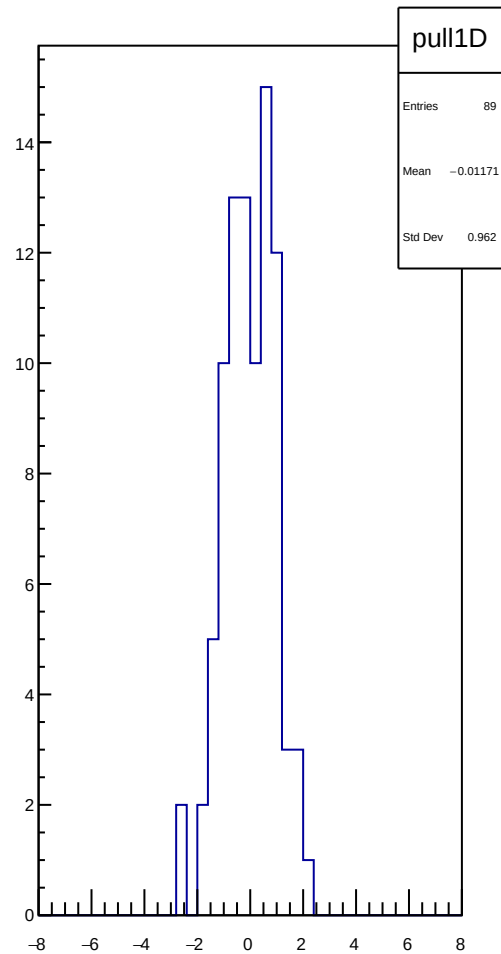
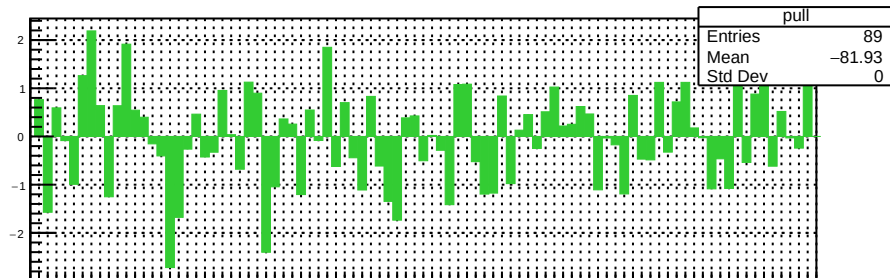
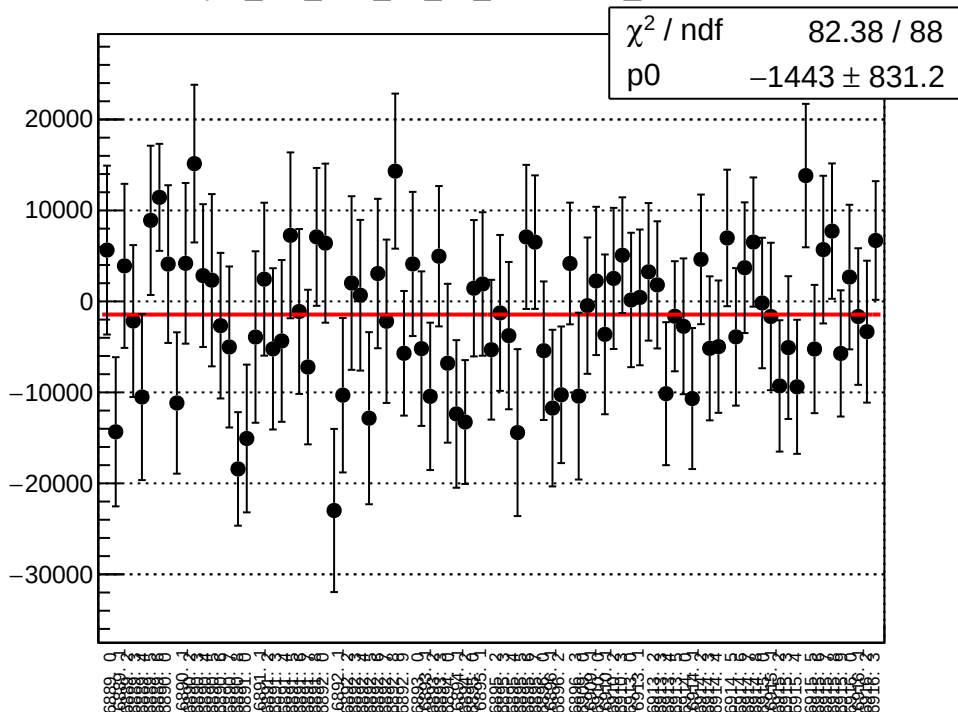
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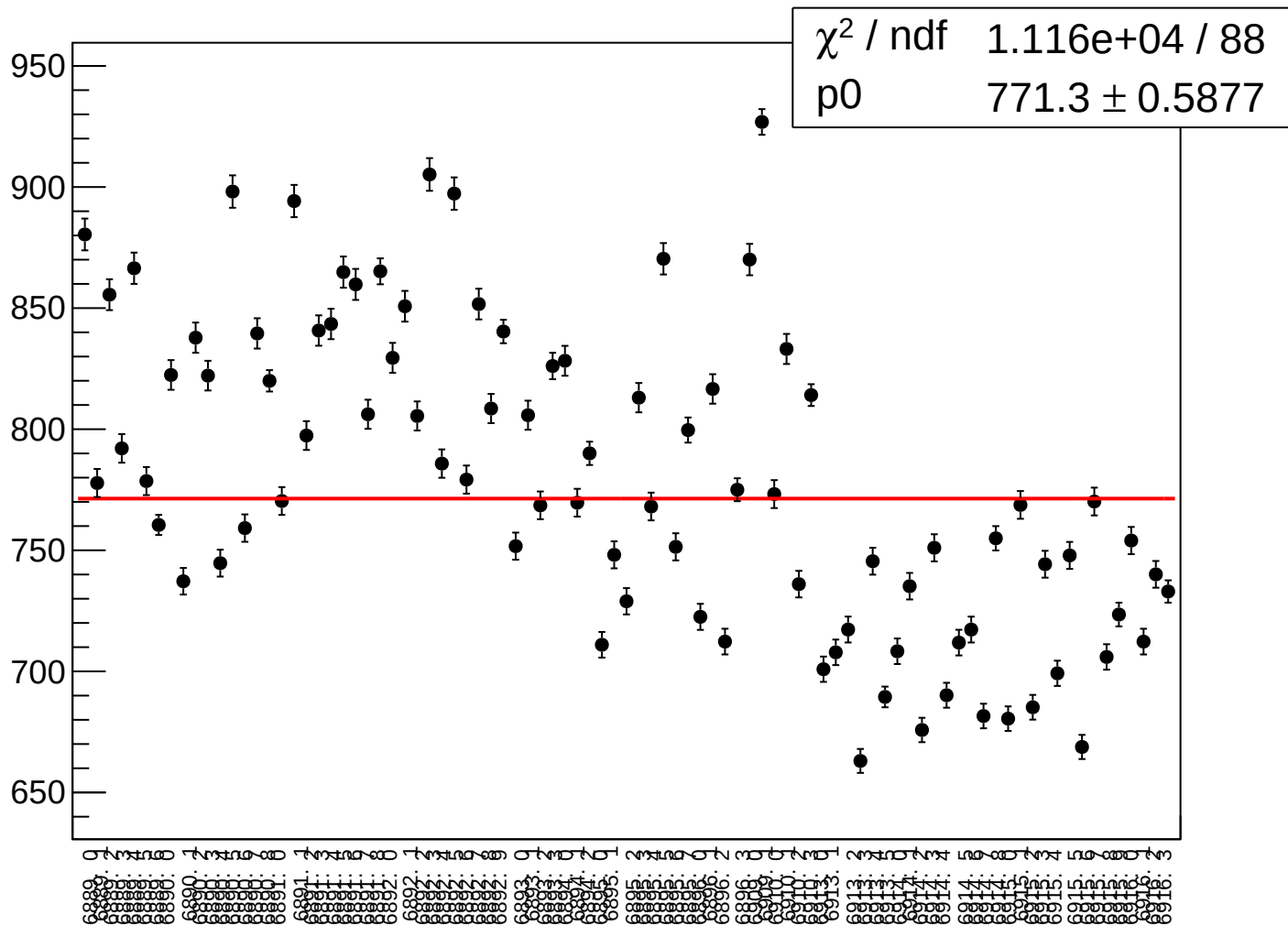
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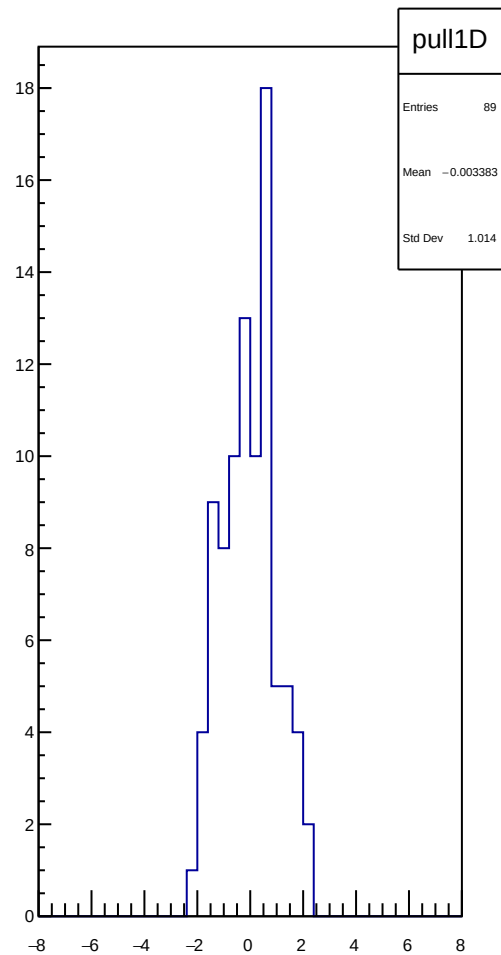
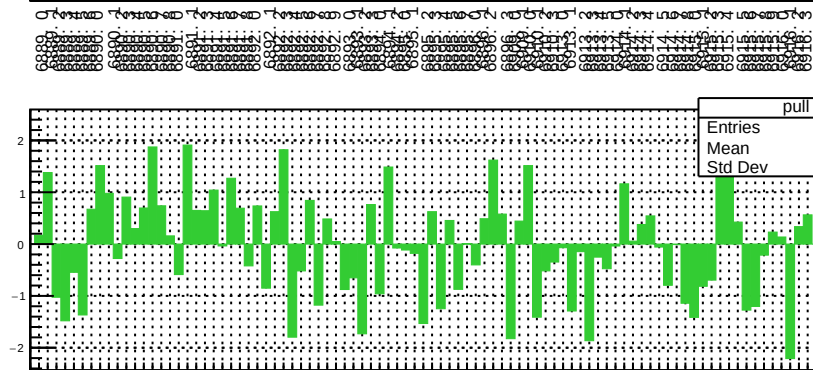
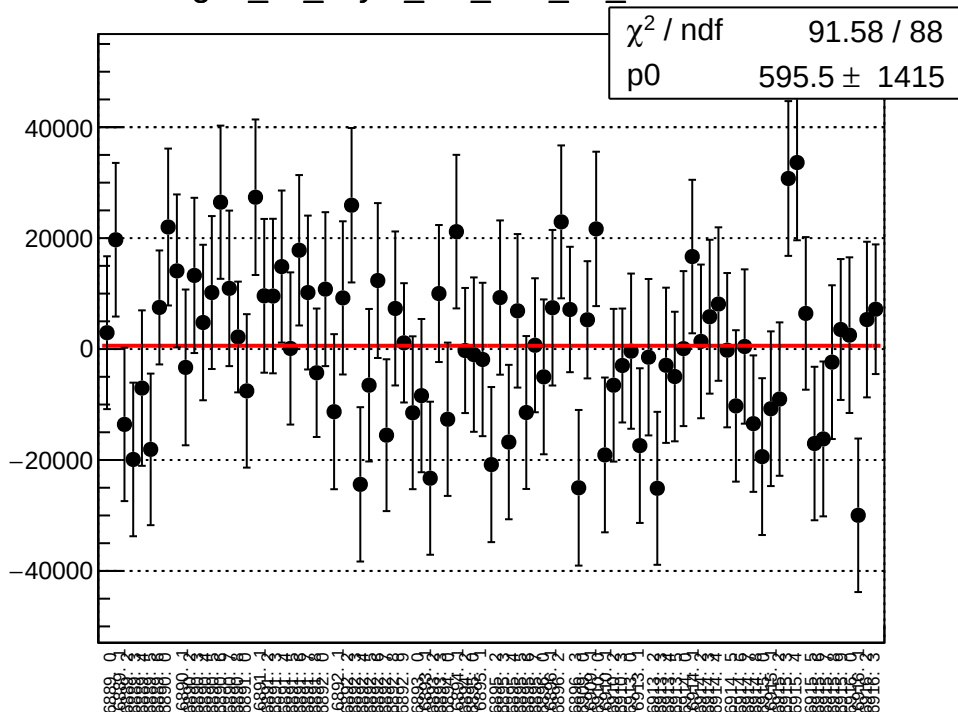
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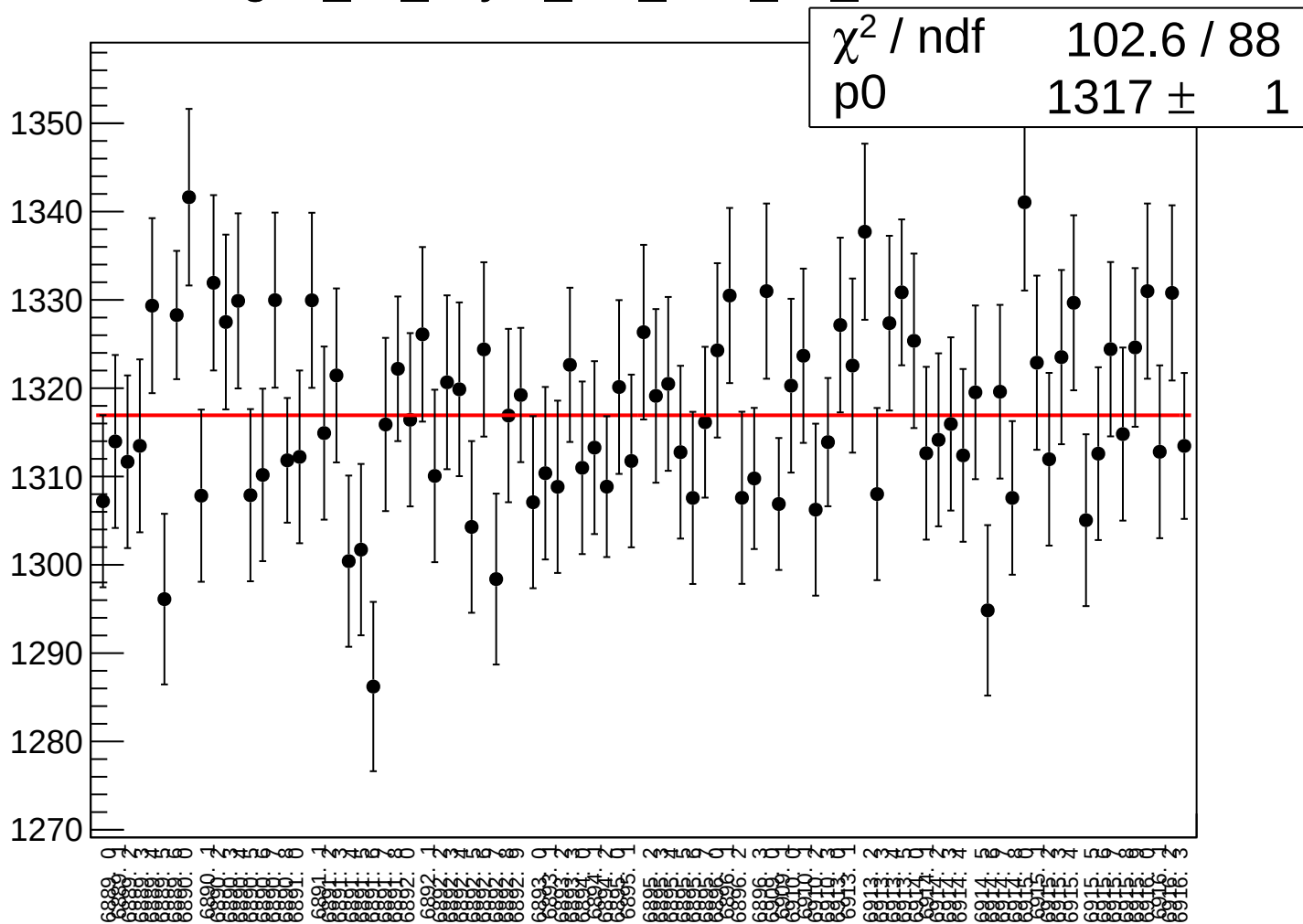
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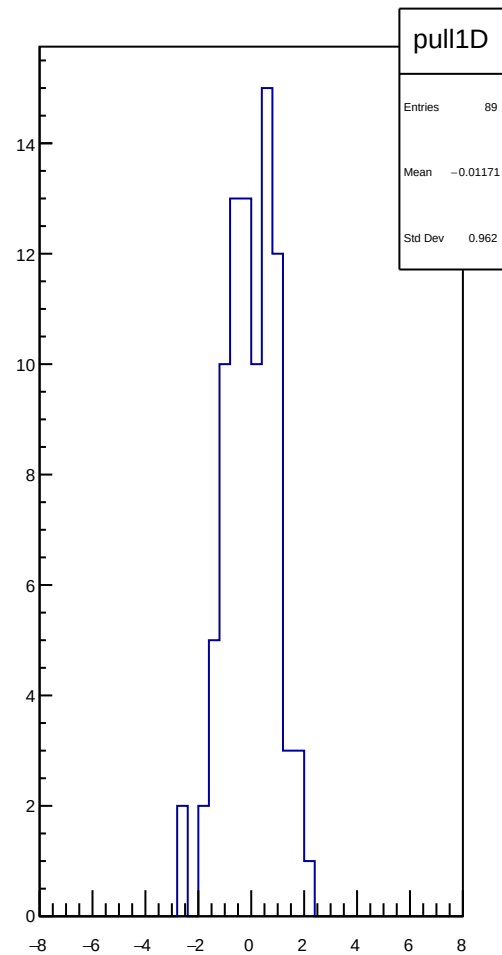
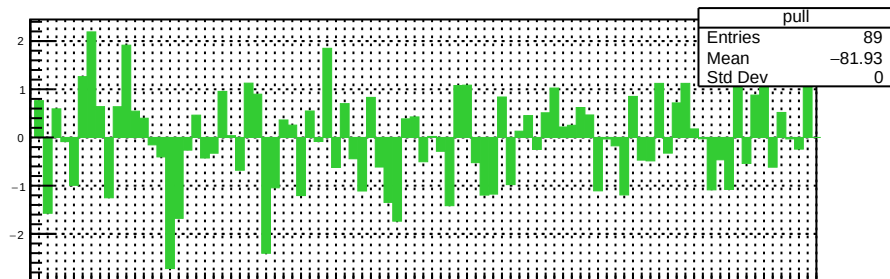
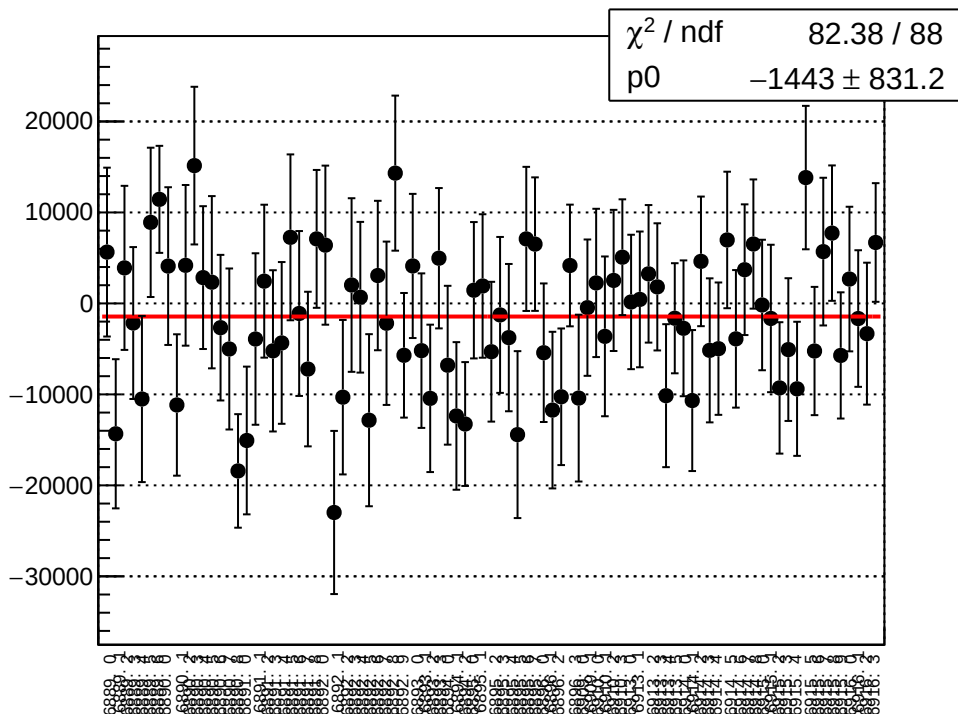
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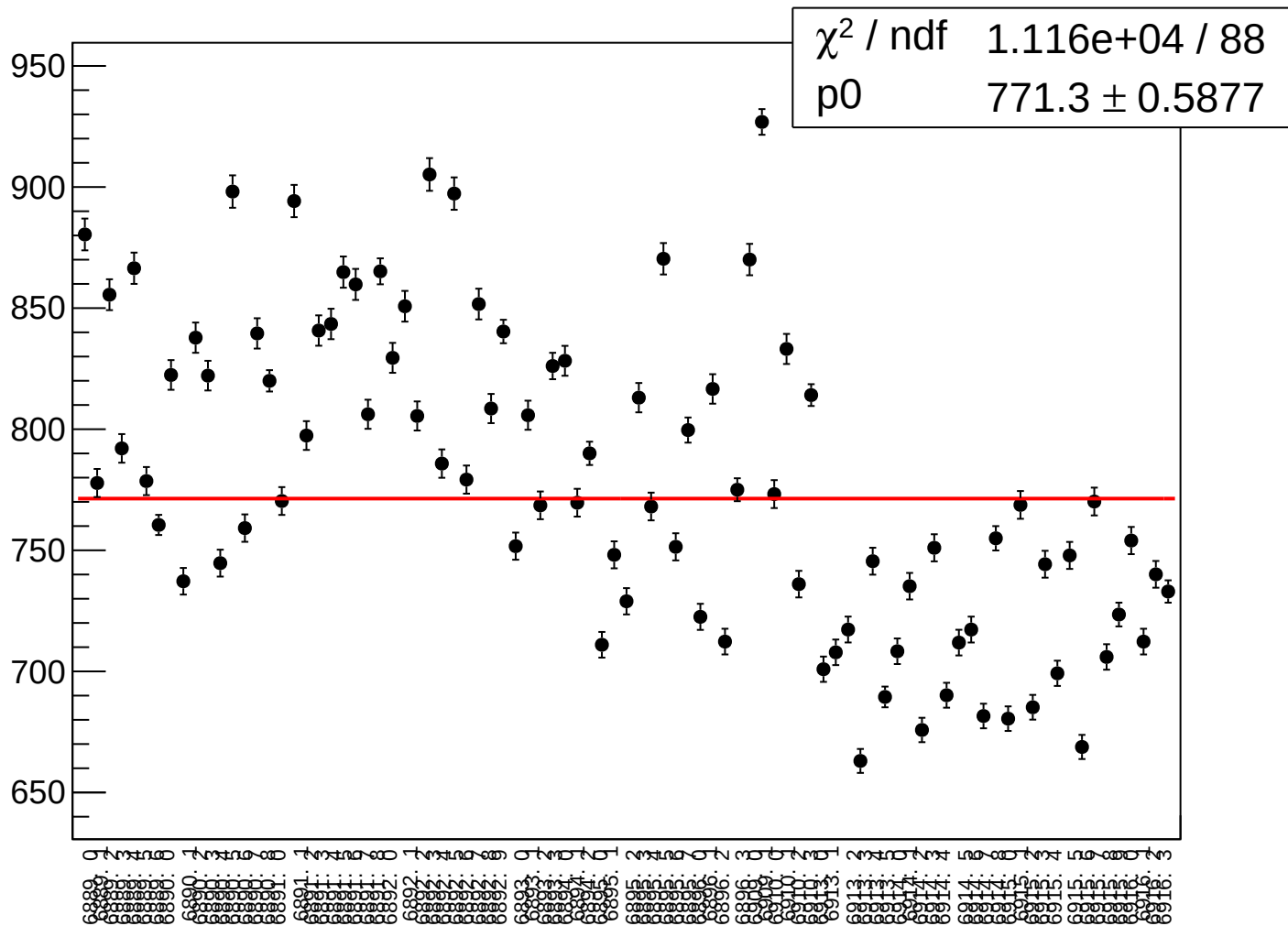
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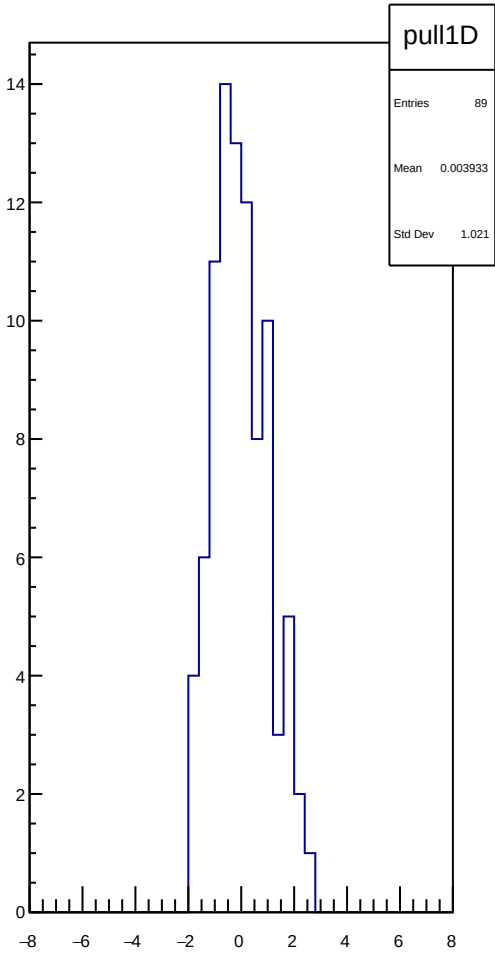
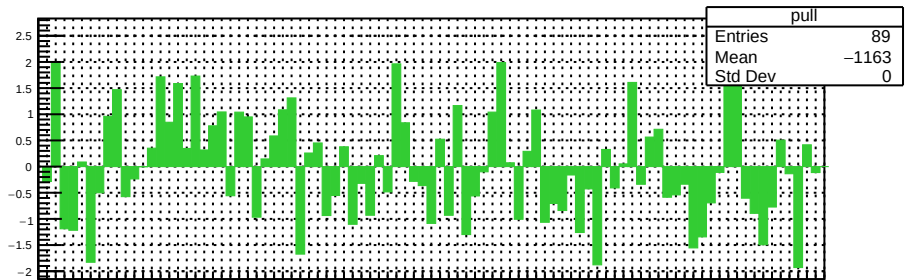
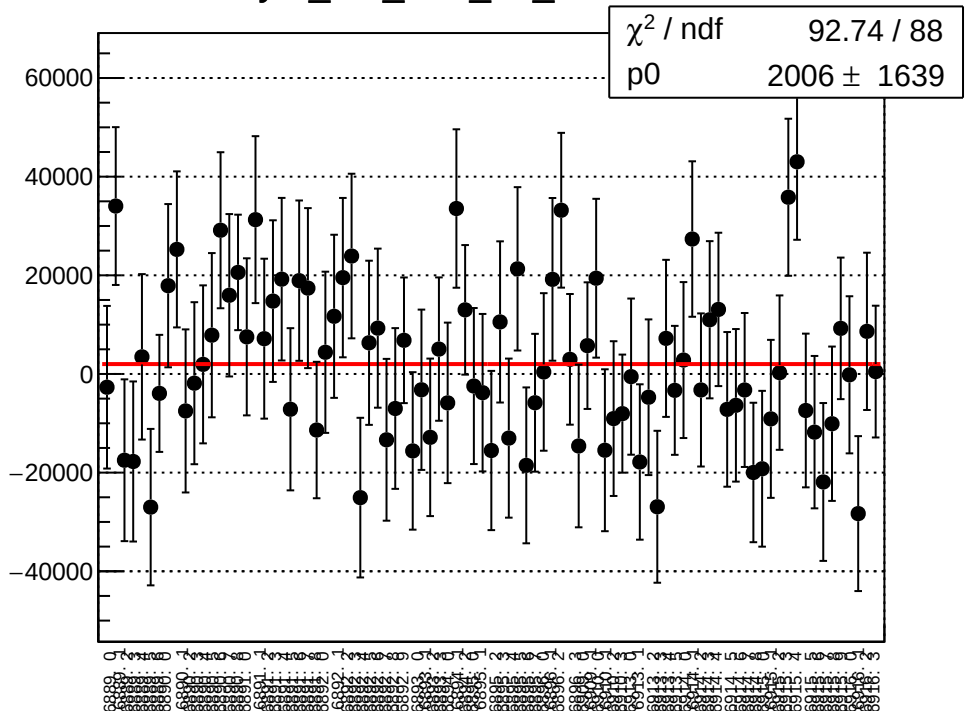
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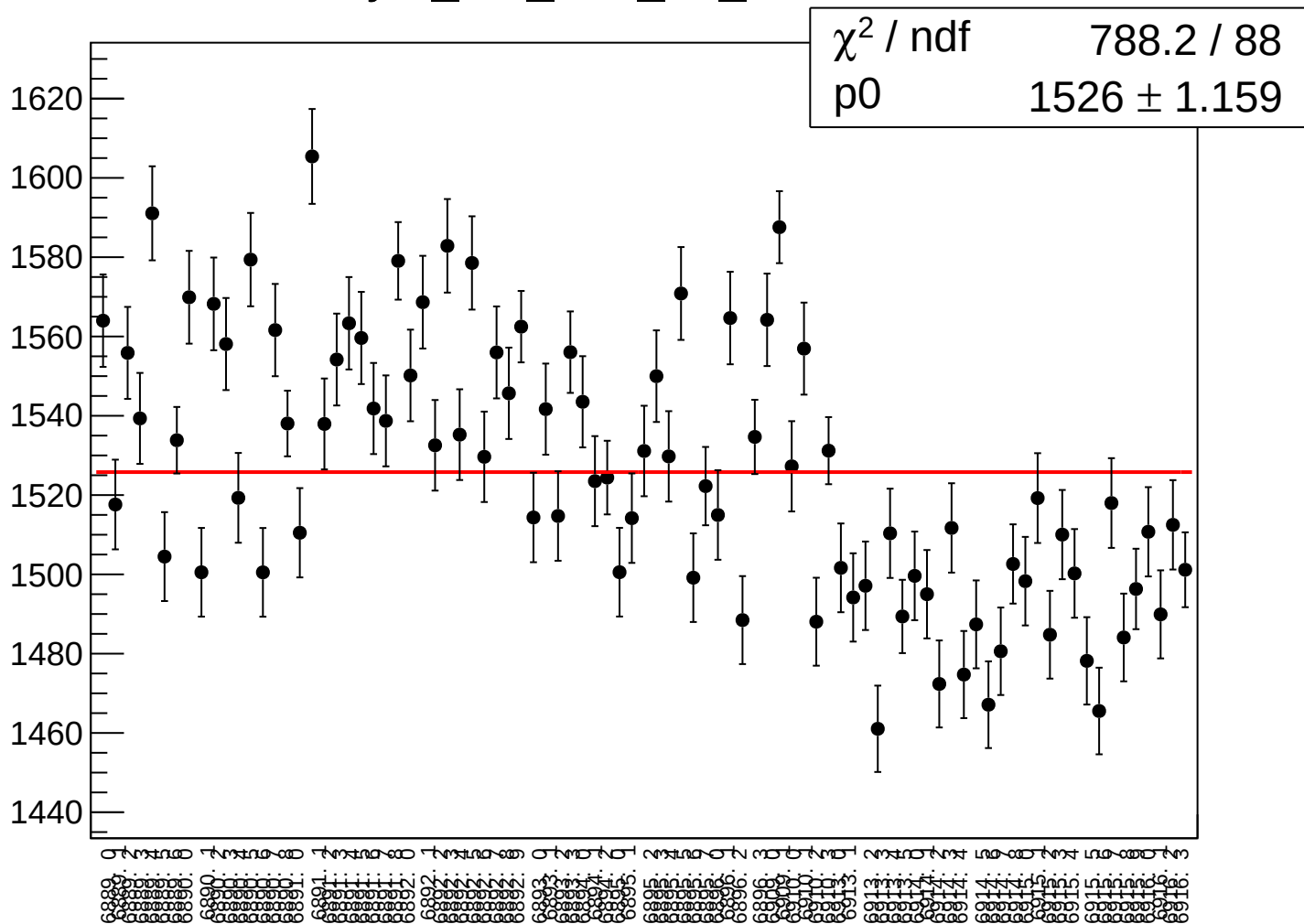
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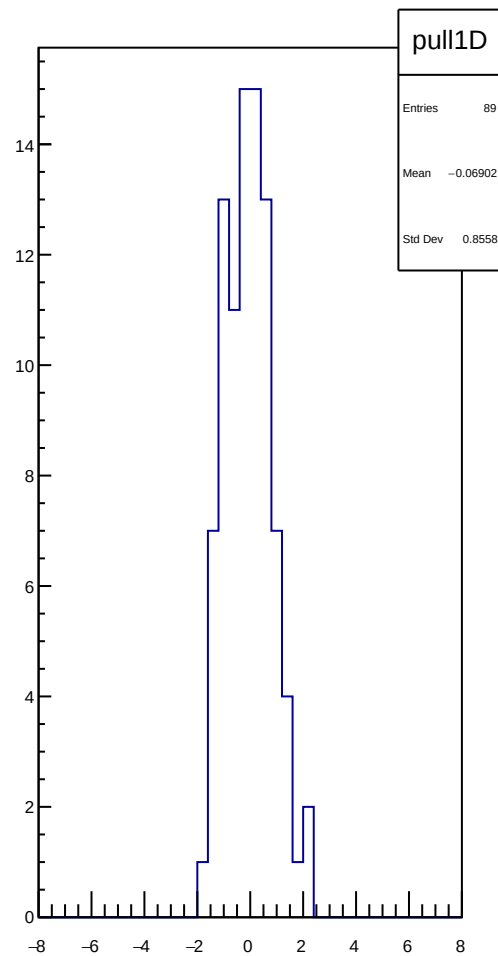
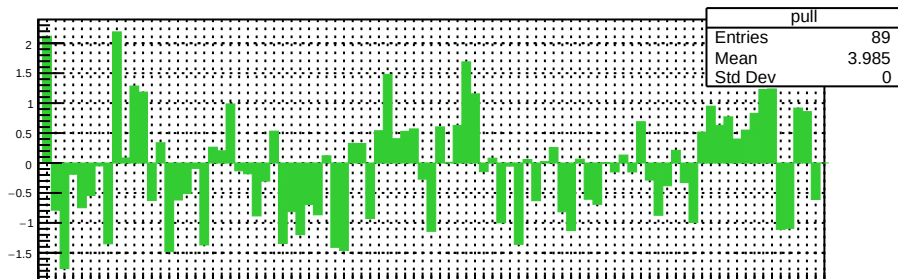
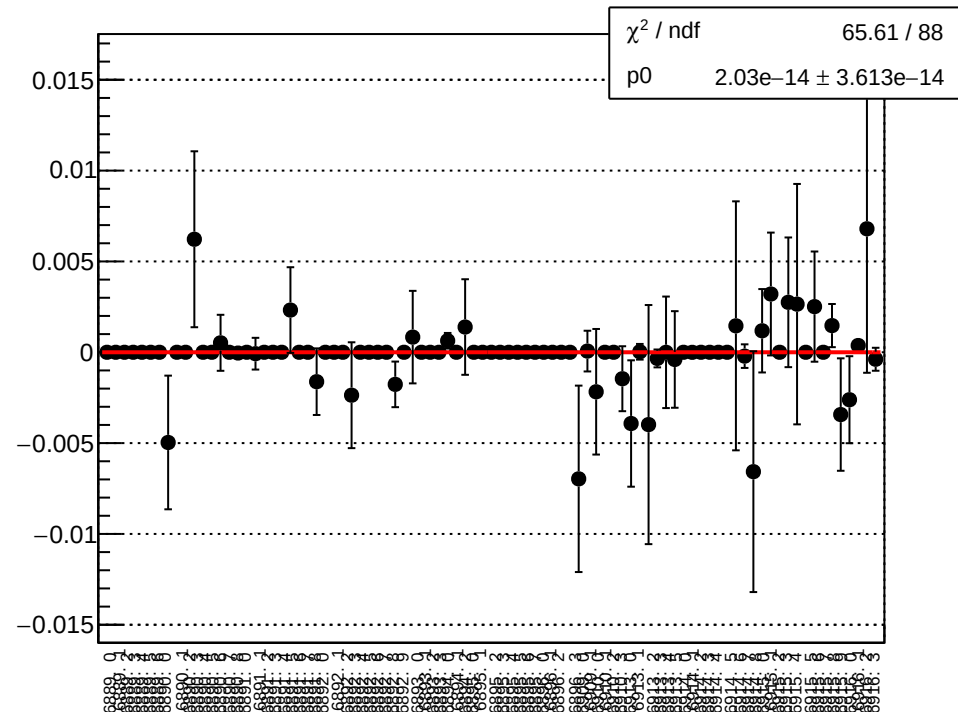
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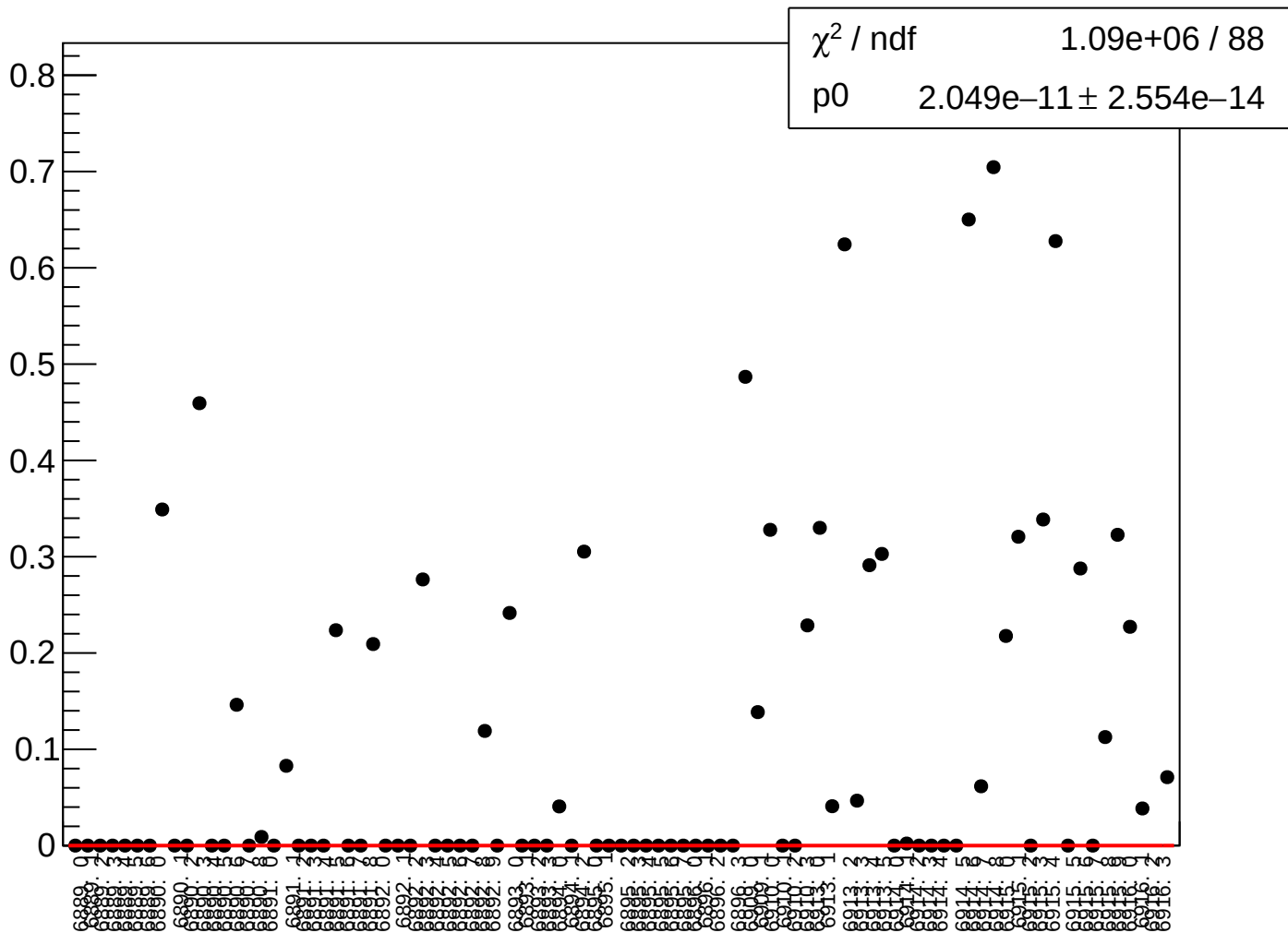
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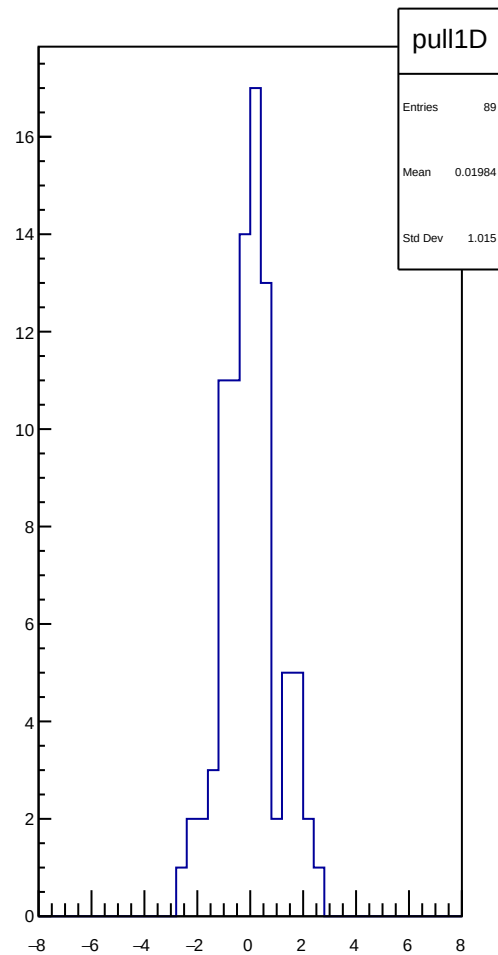
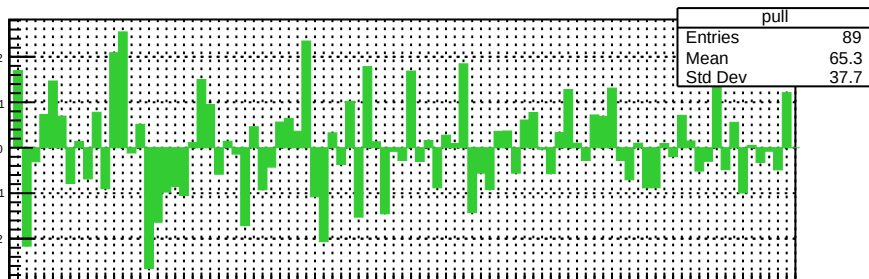
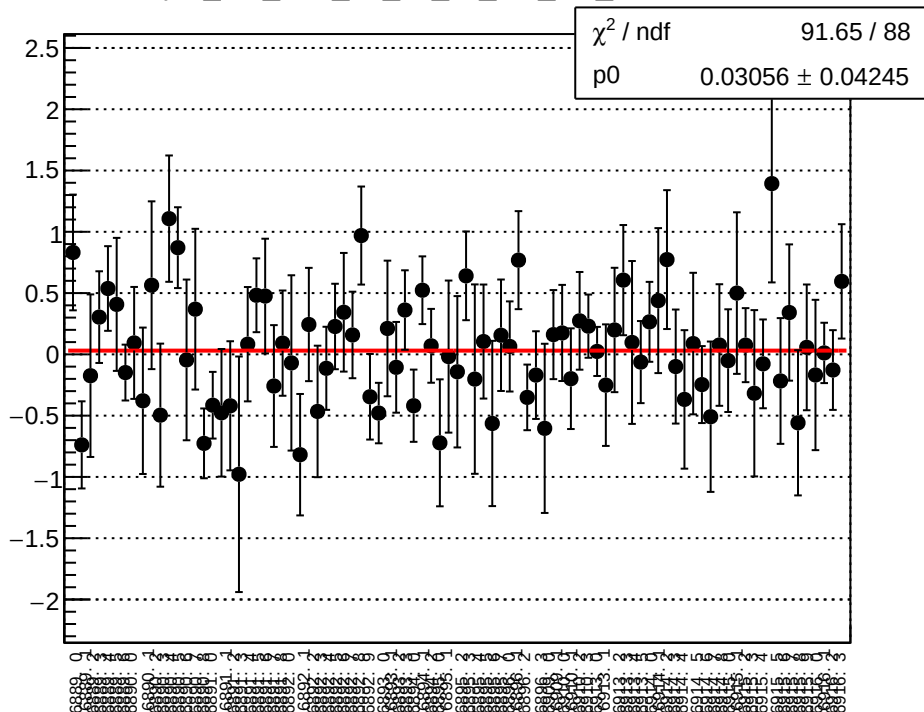
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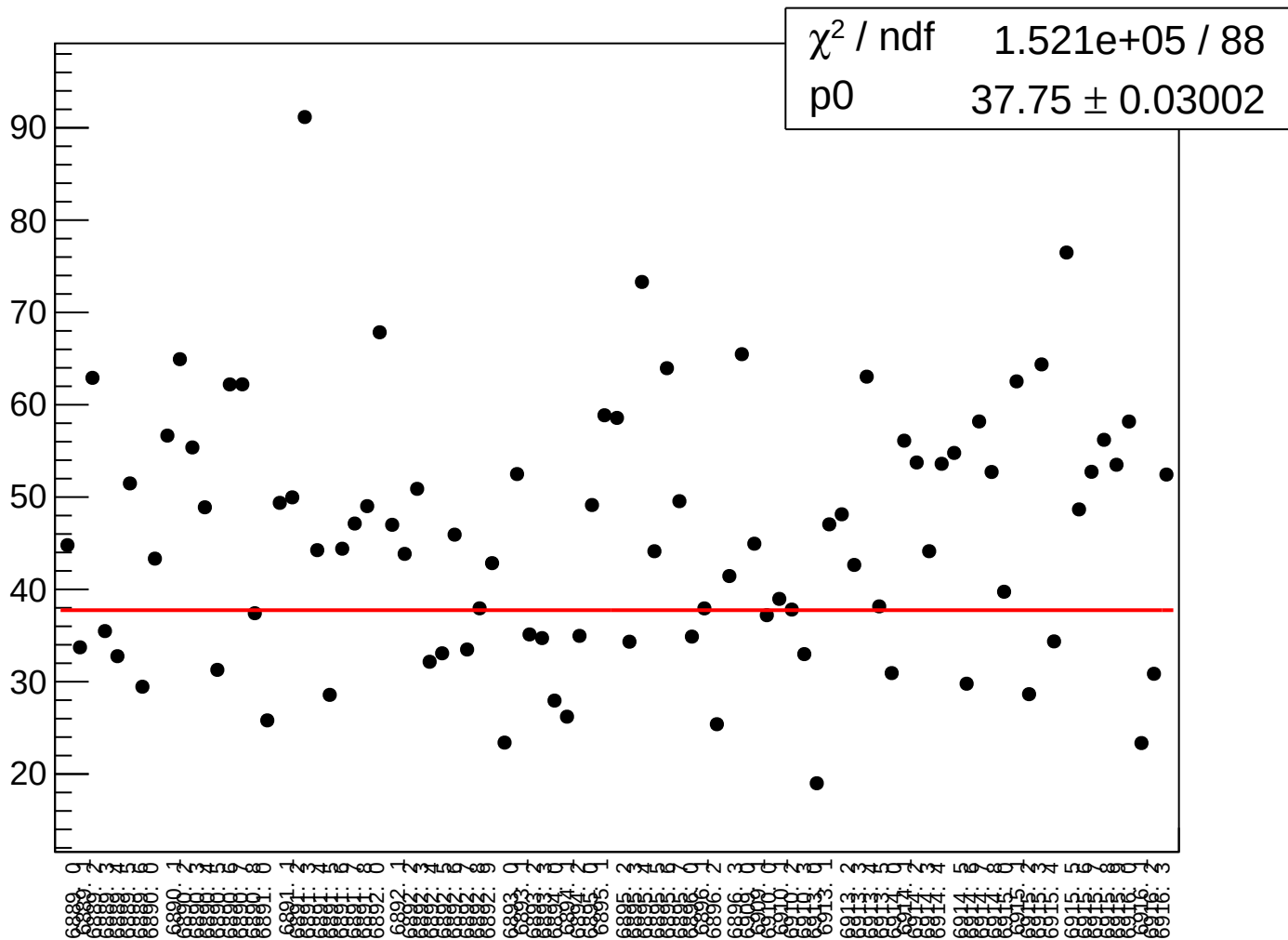
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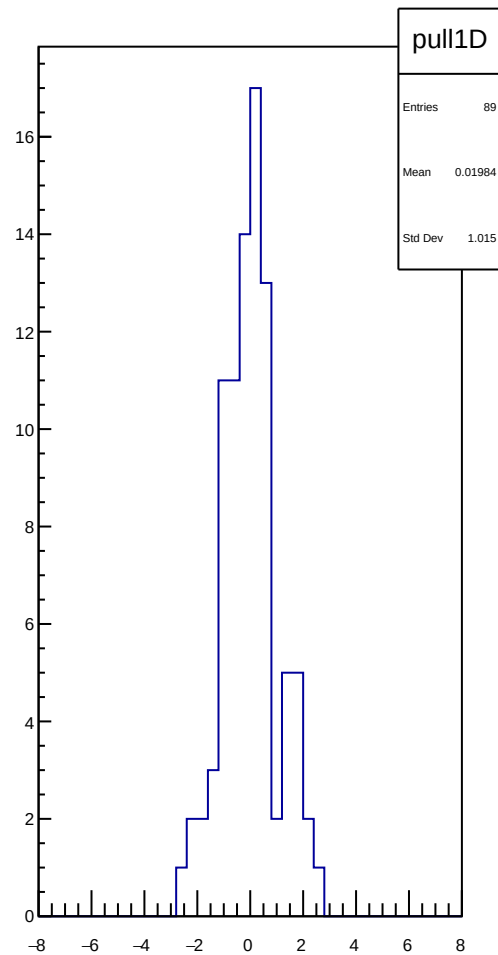
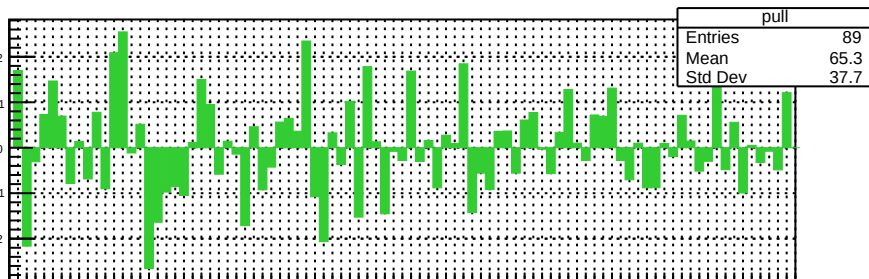
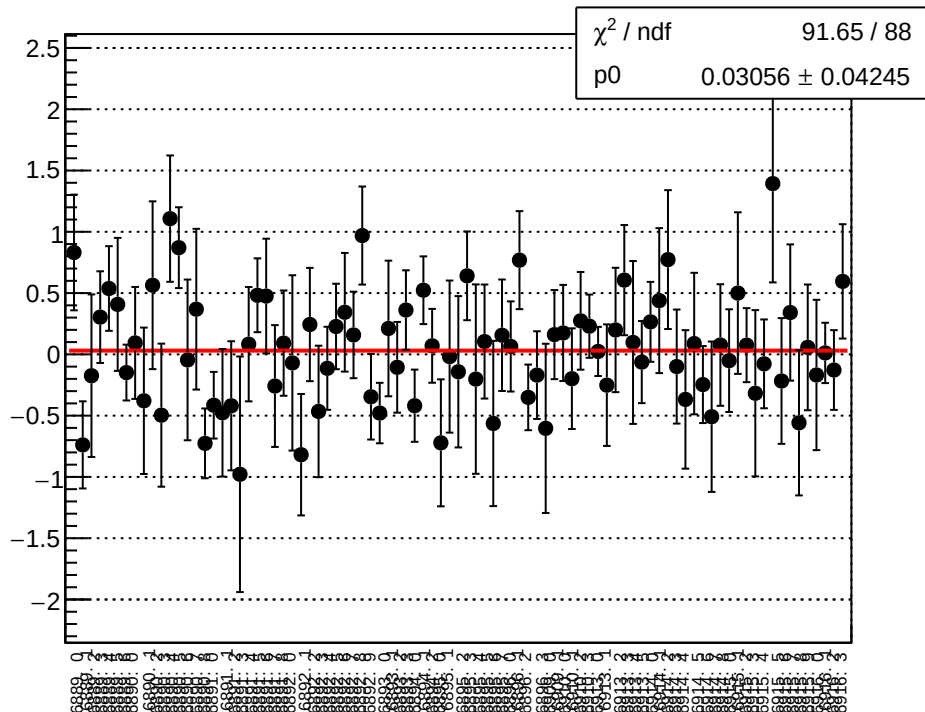
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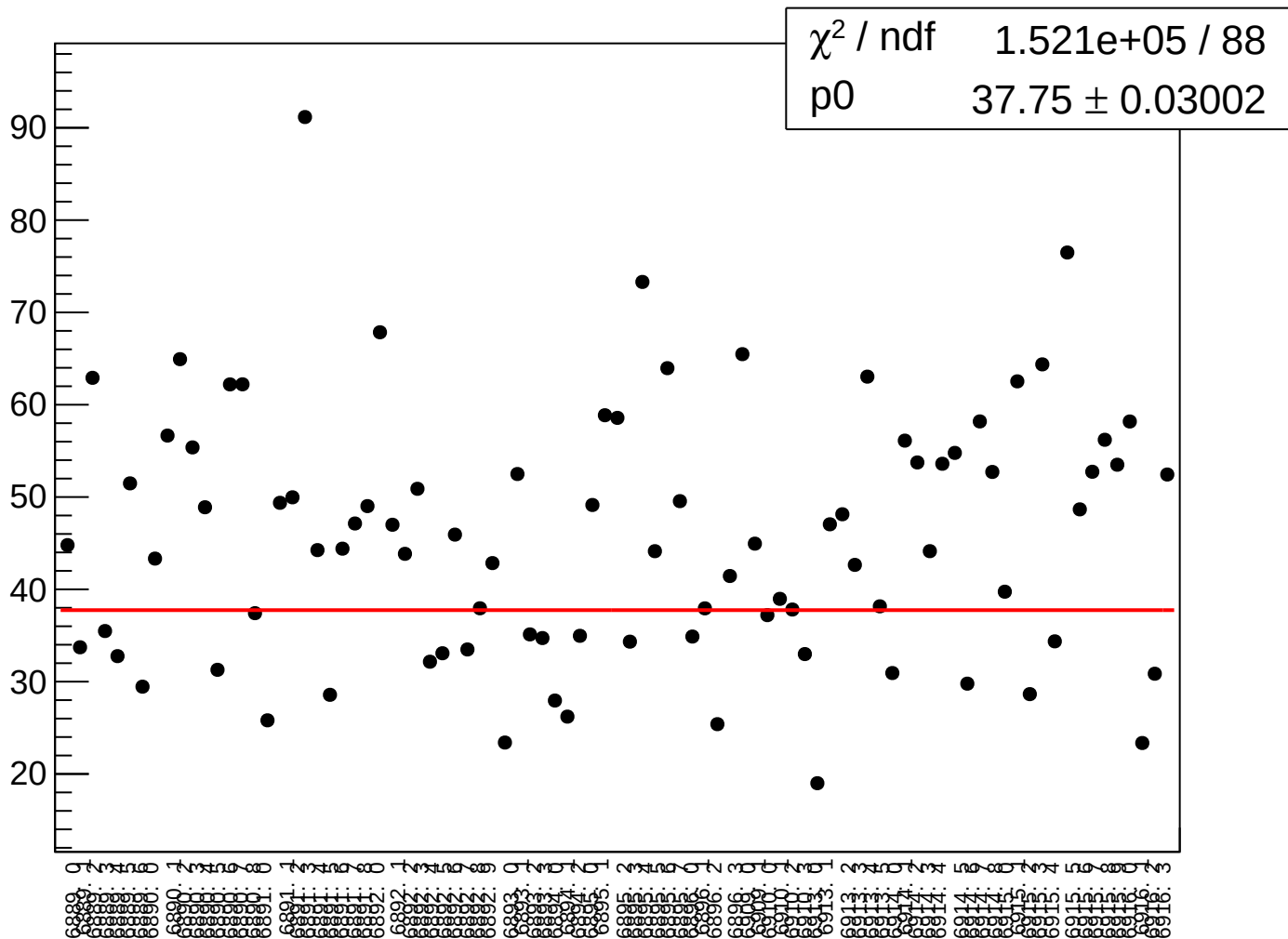
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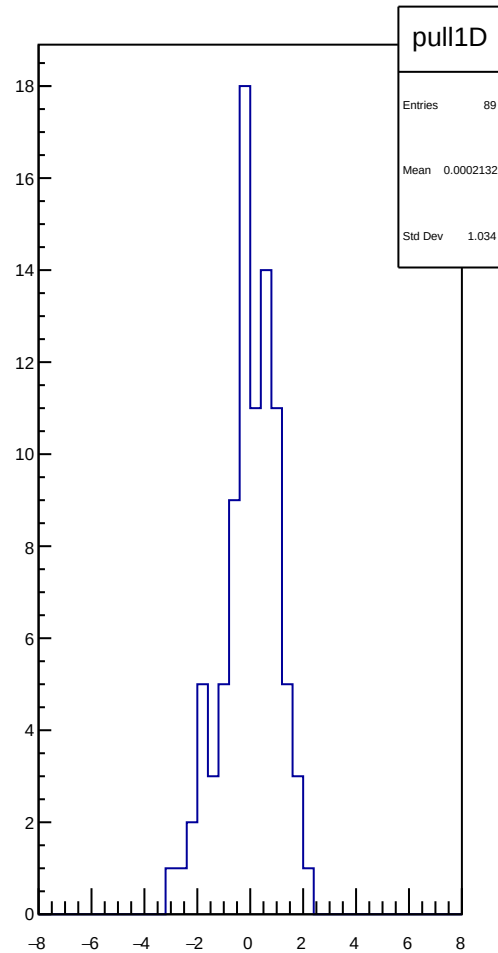
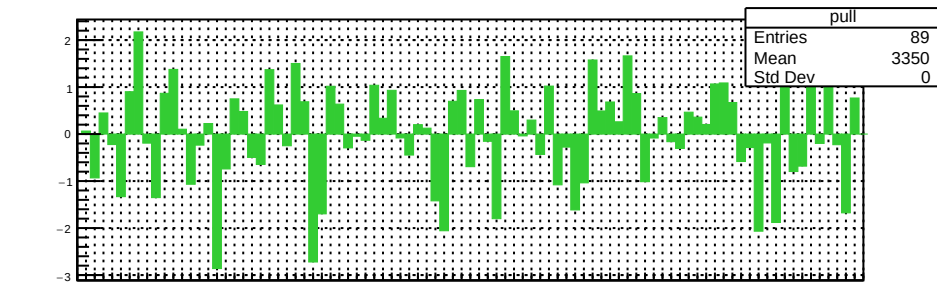
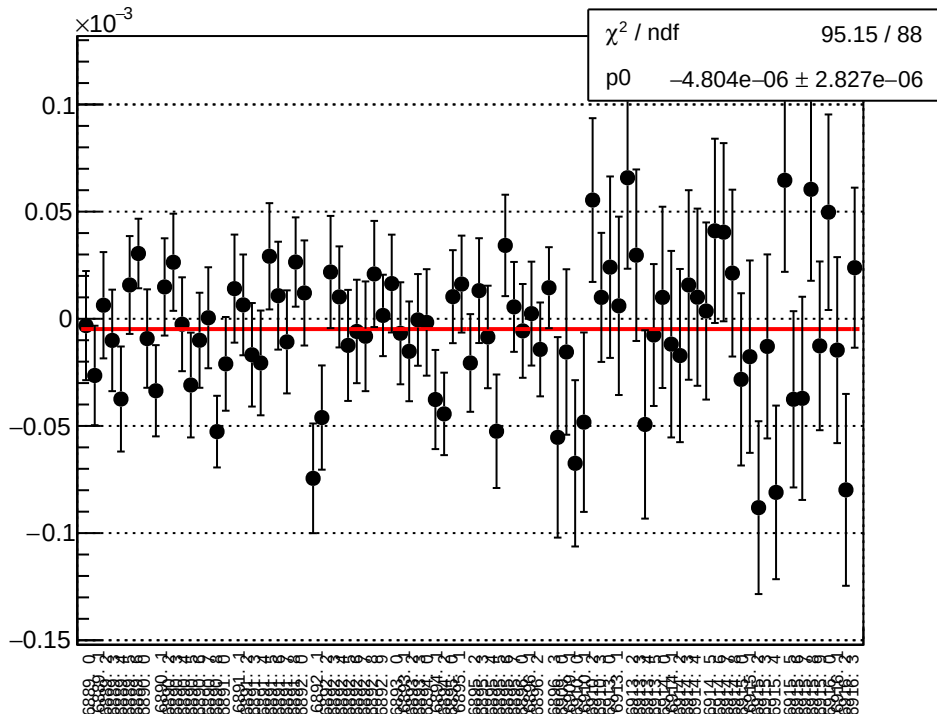
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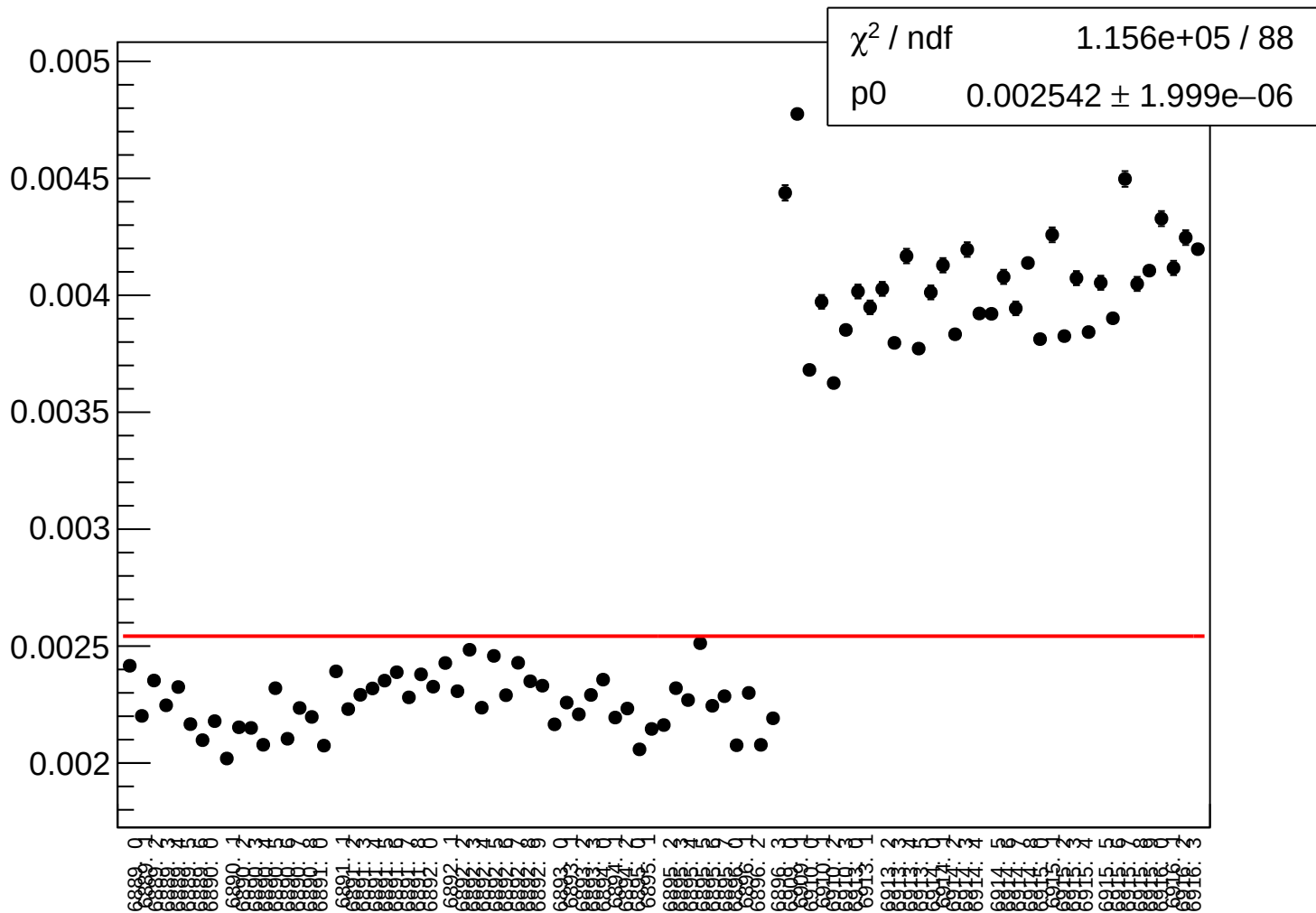
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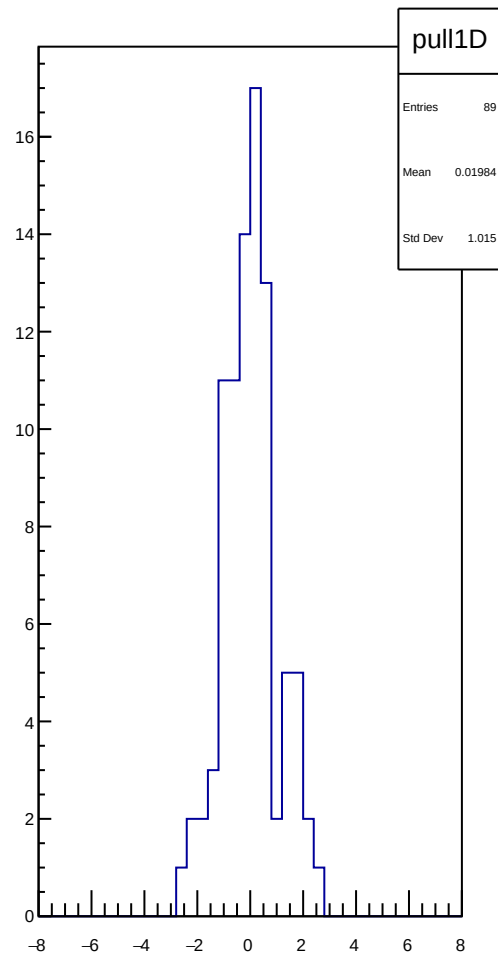
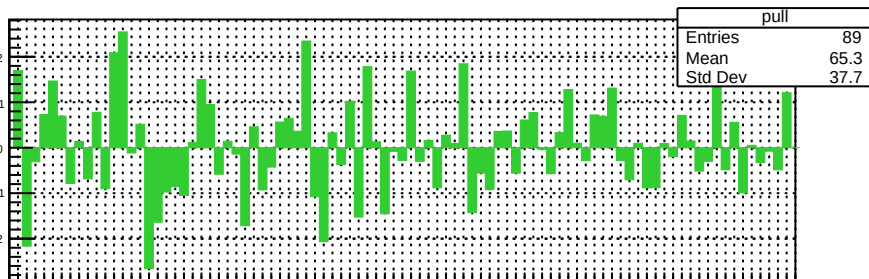
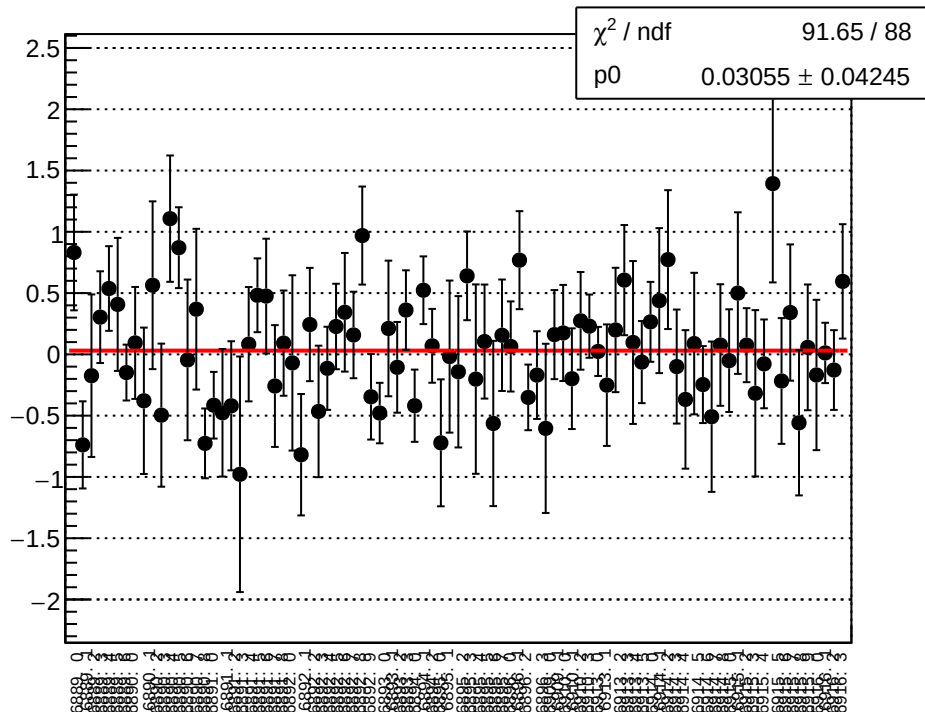
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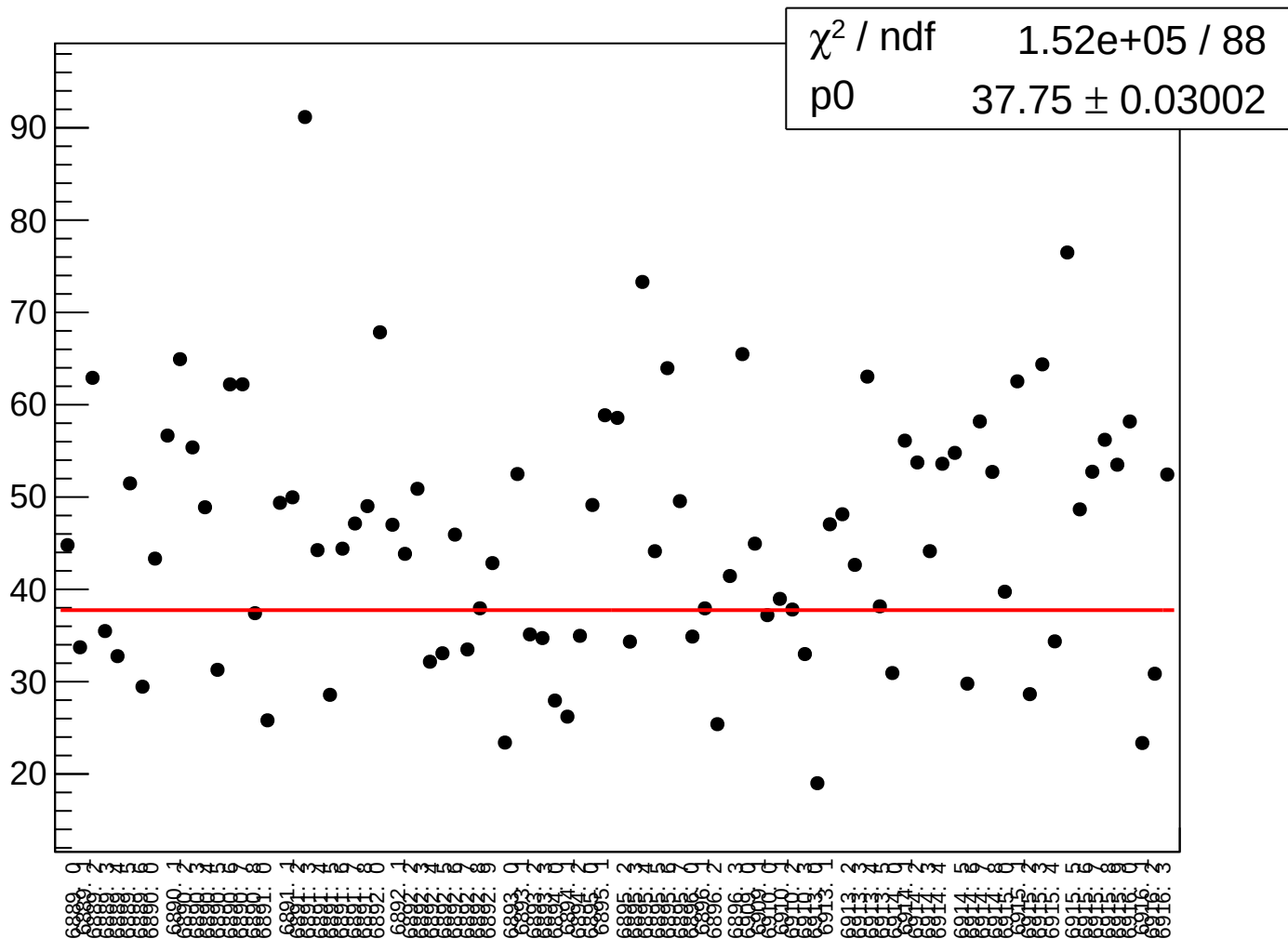
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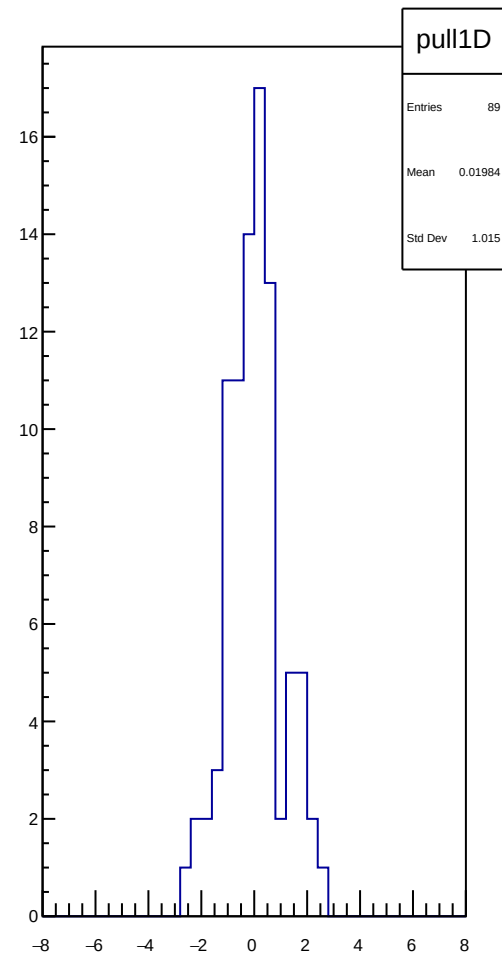
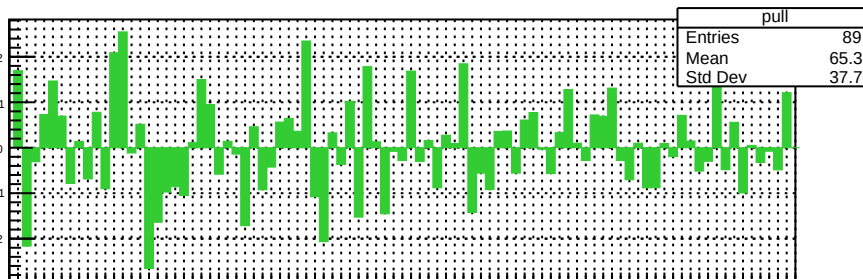
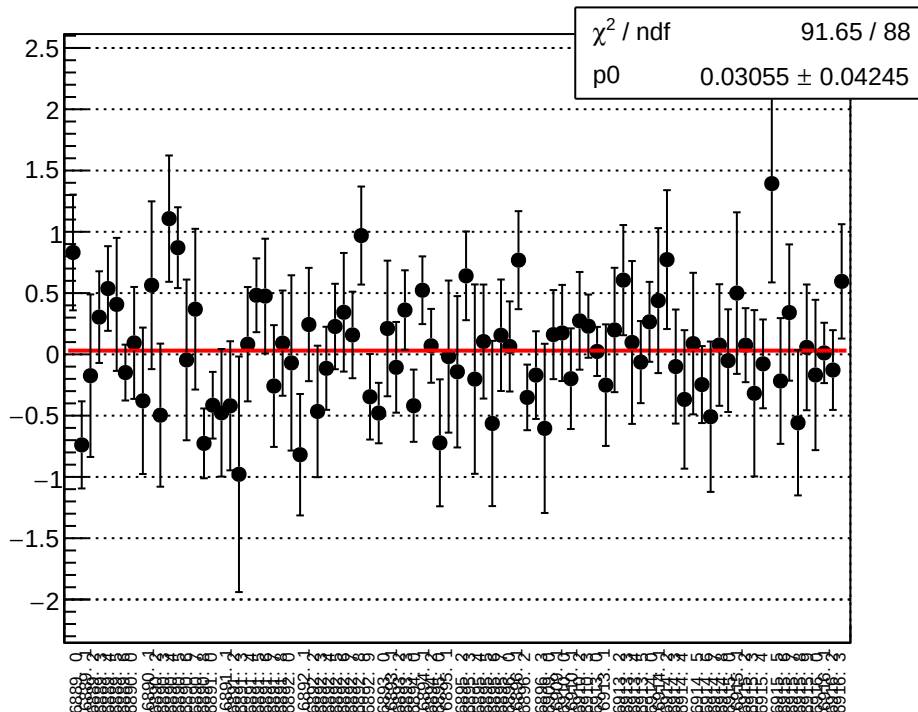
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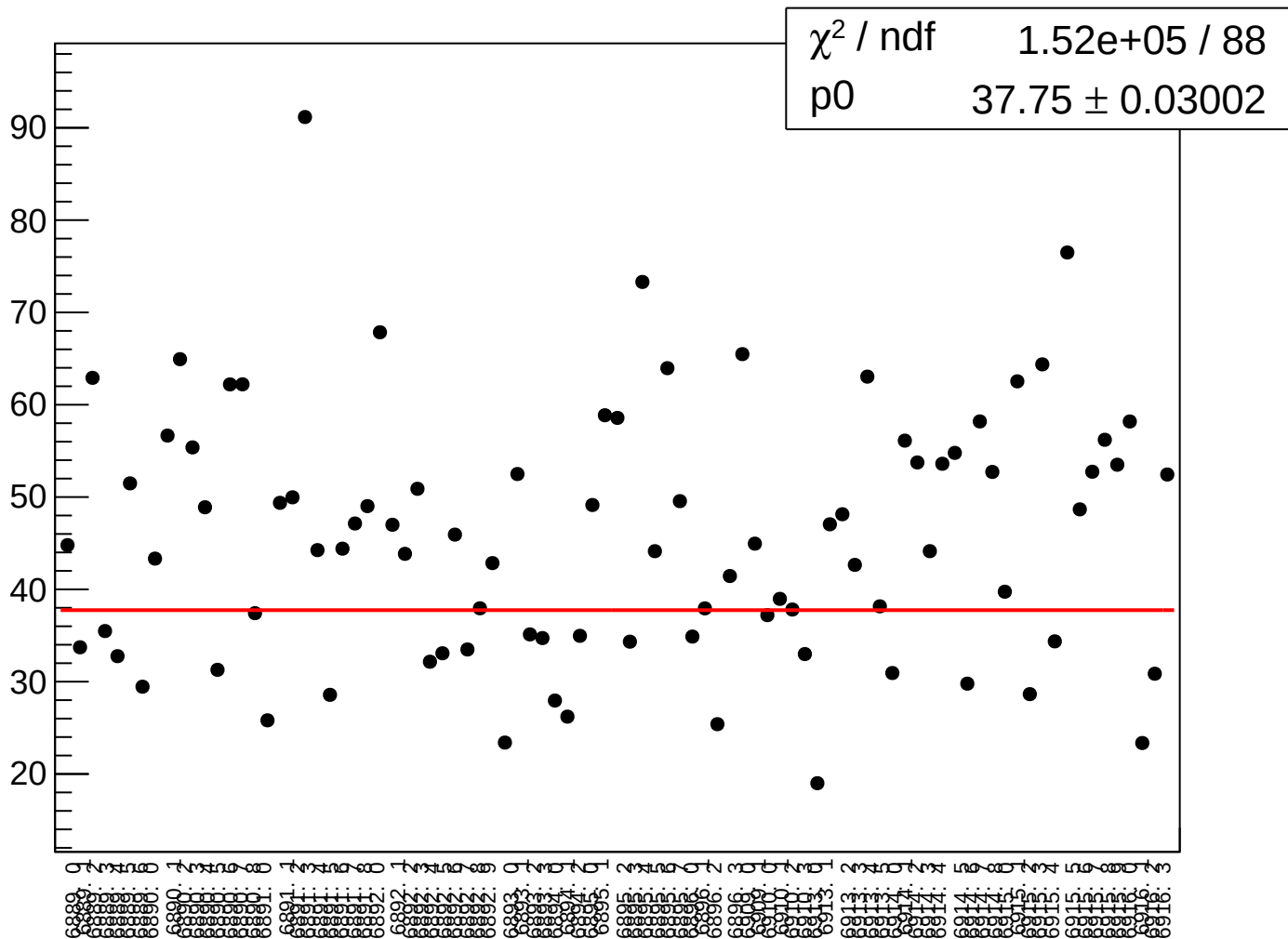
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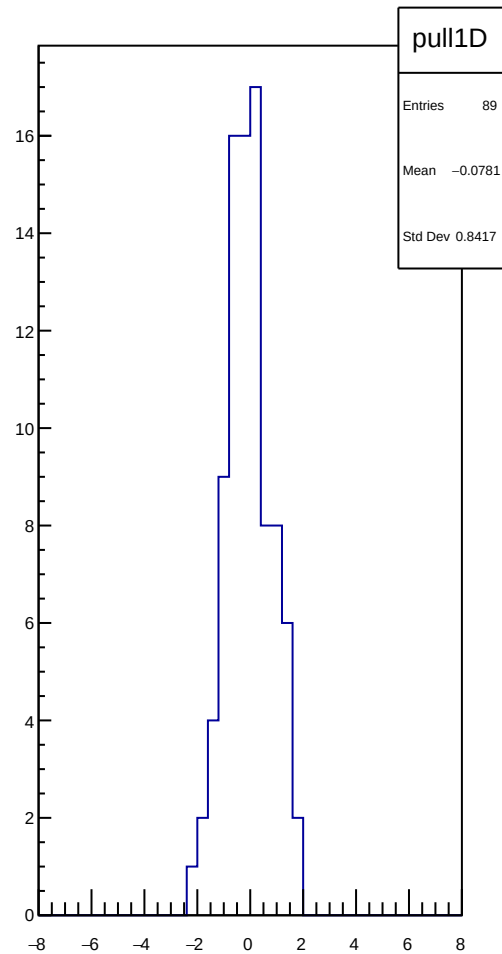
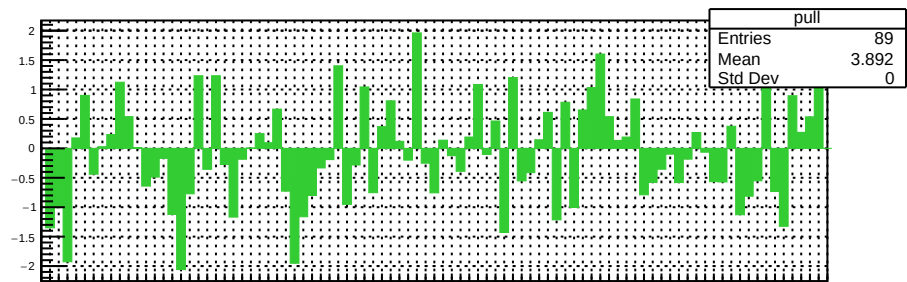
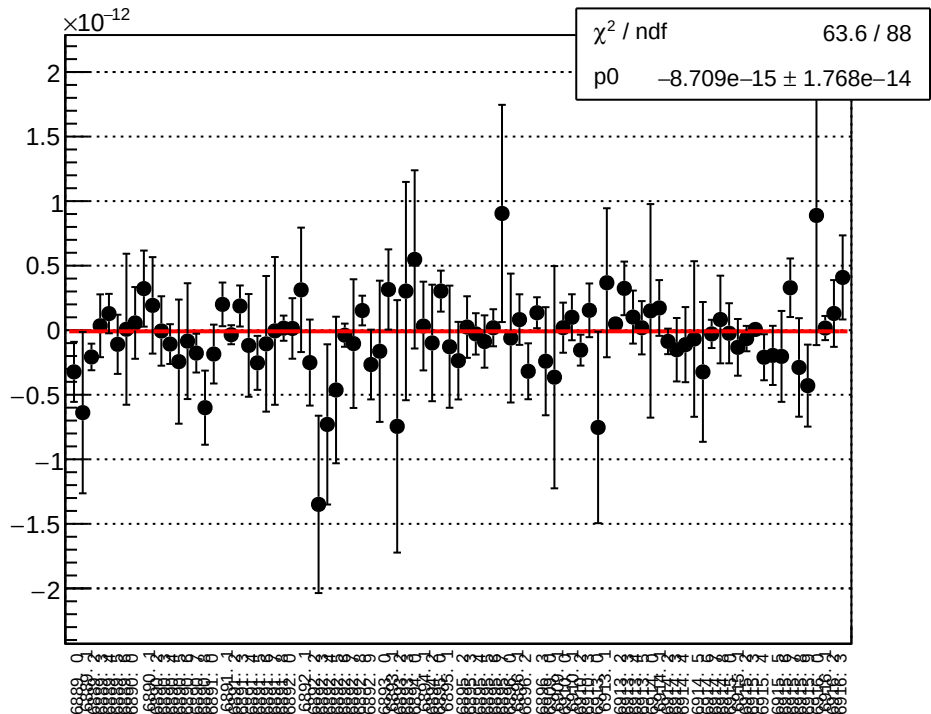
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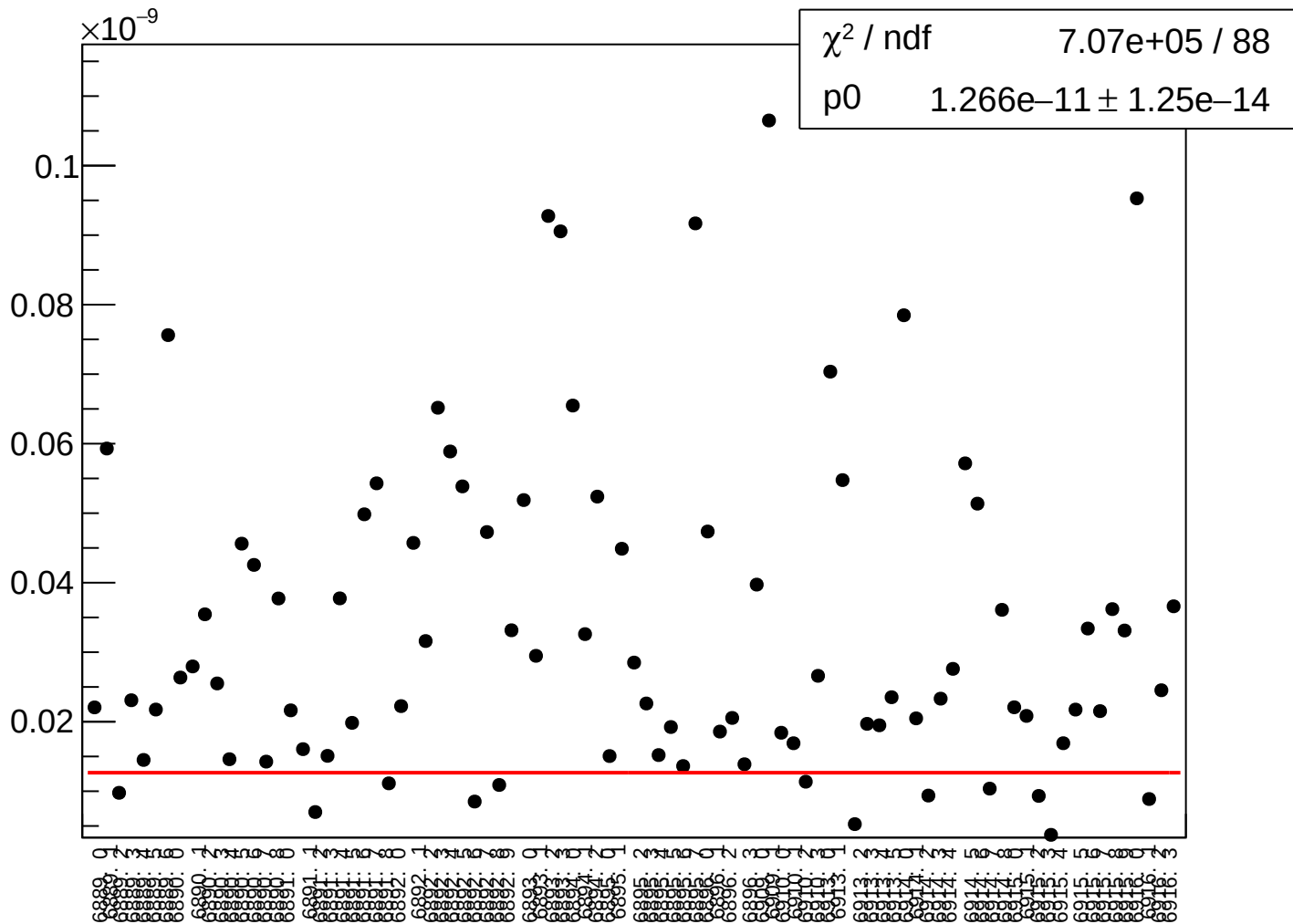
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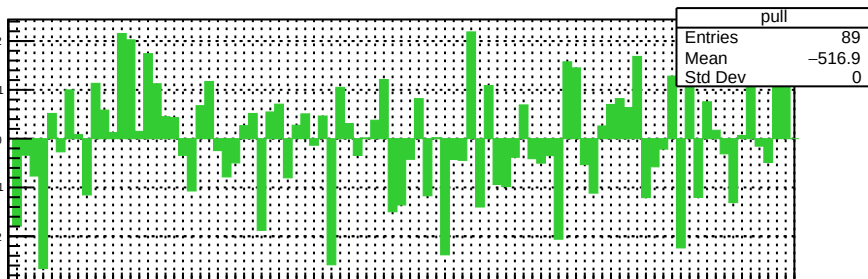
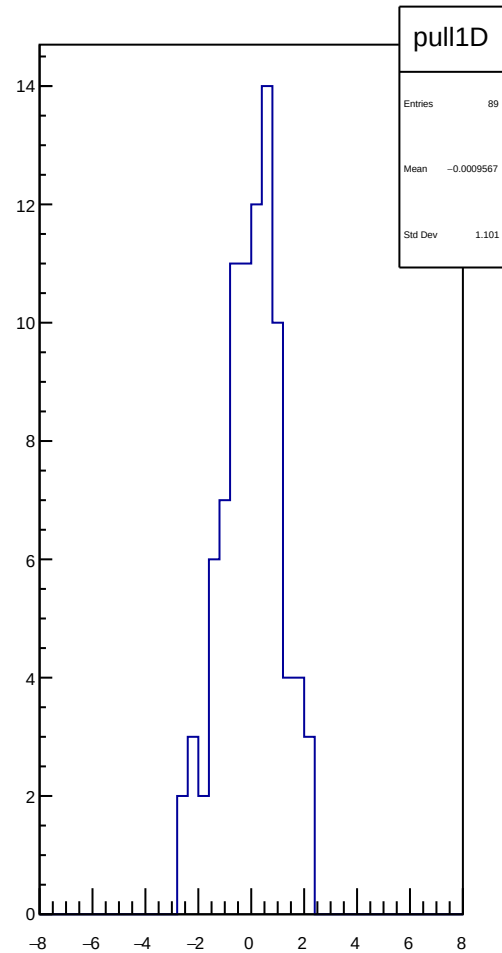
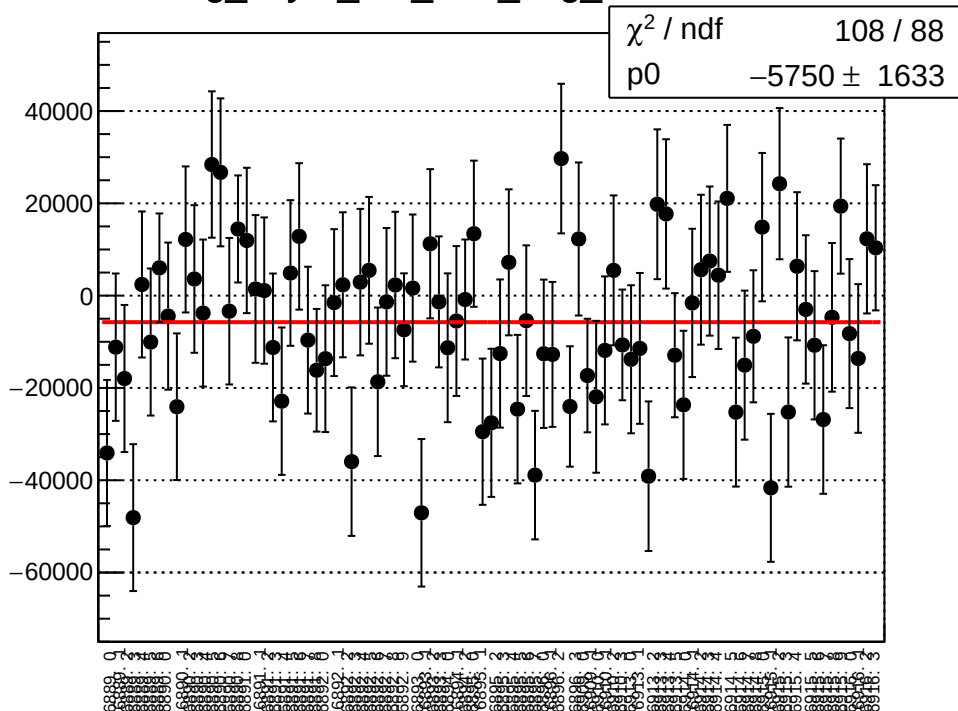
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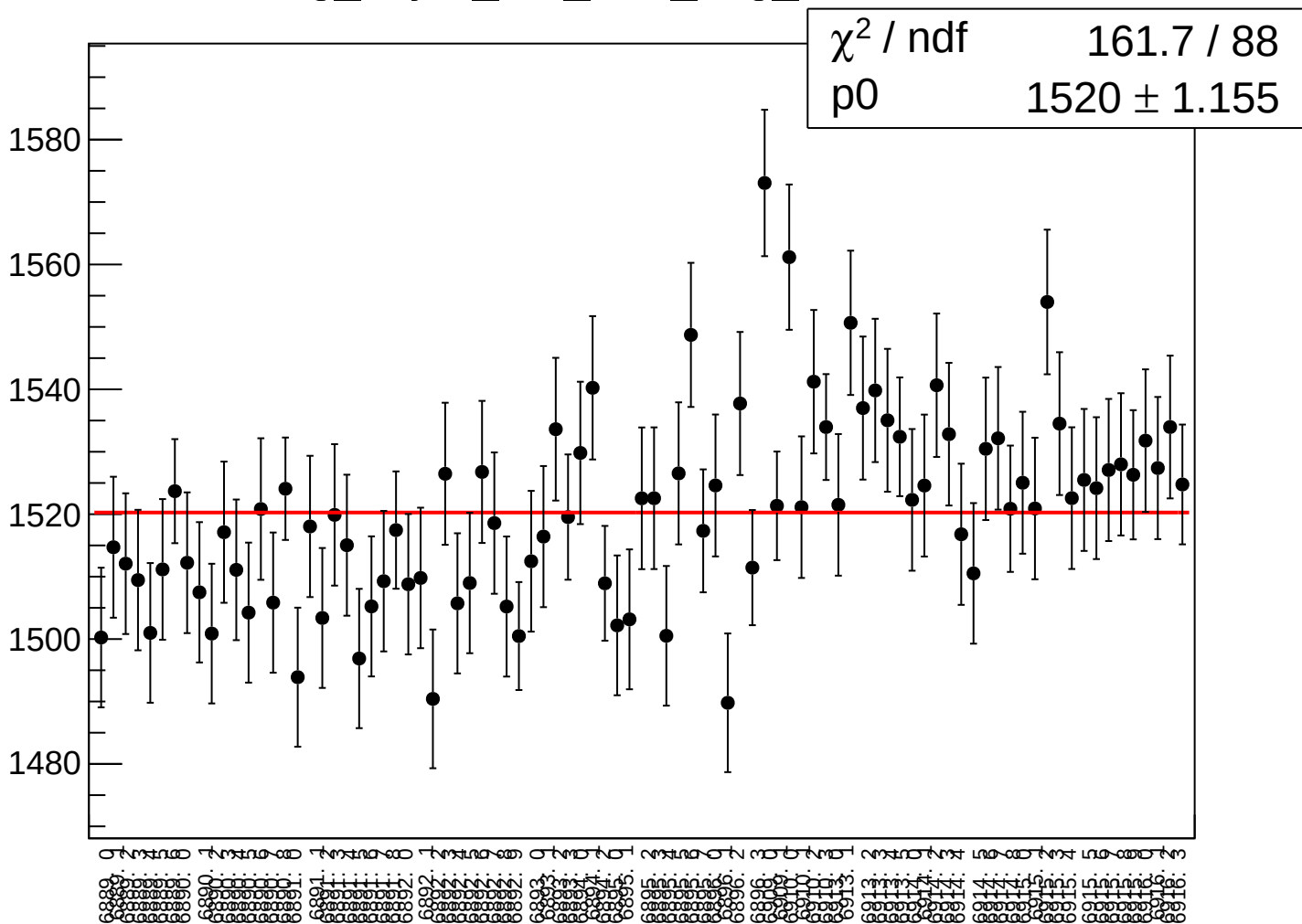
asym usr atr1 dd eigen cor vs cor diff rms vs run



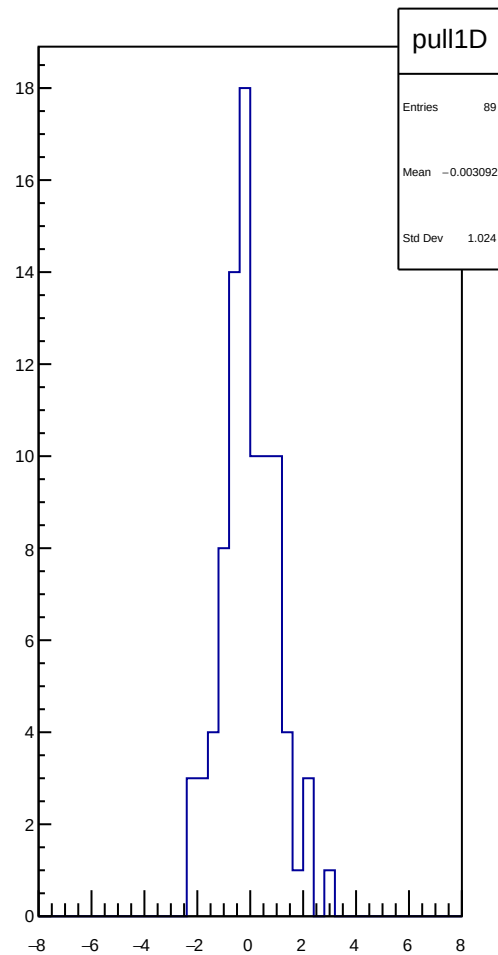
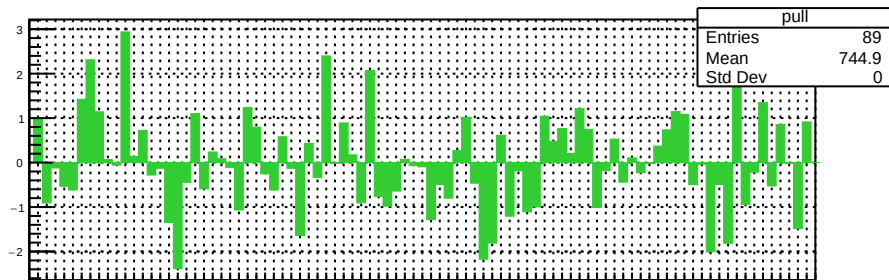
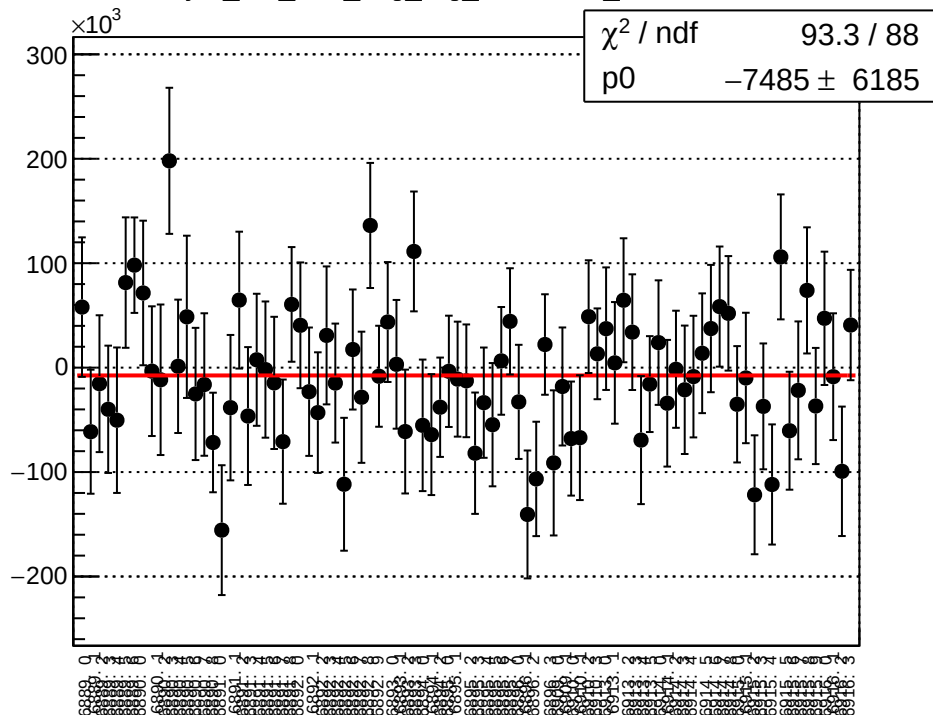
reg_asym_usr_atr2_avg_mean vs run



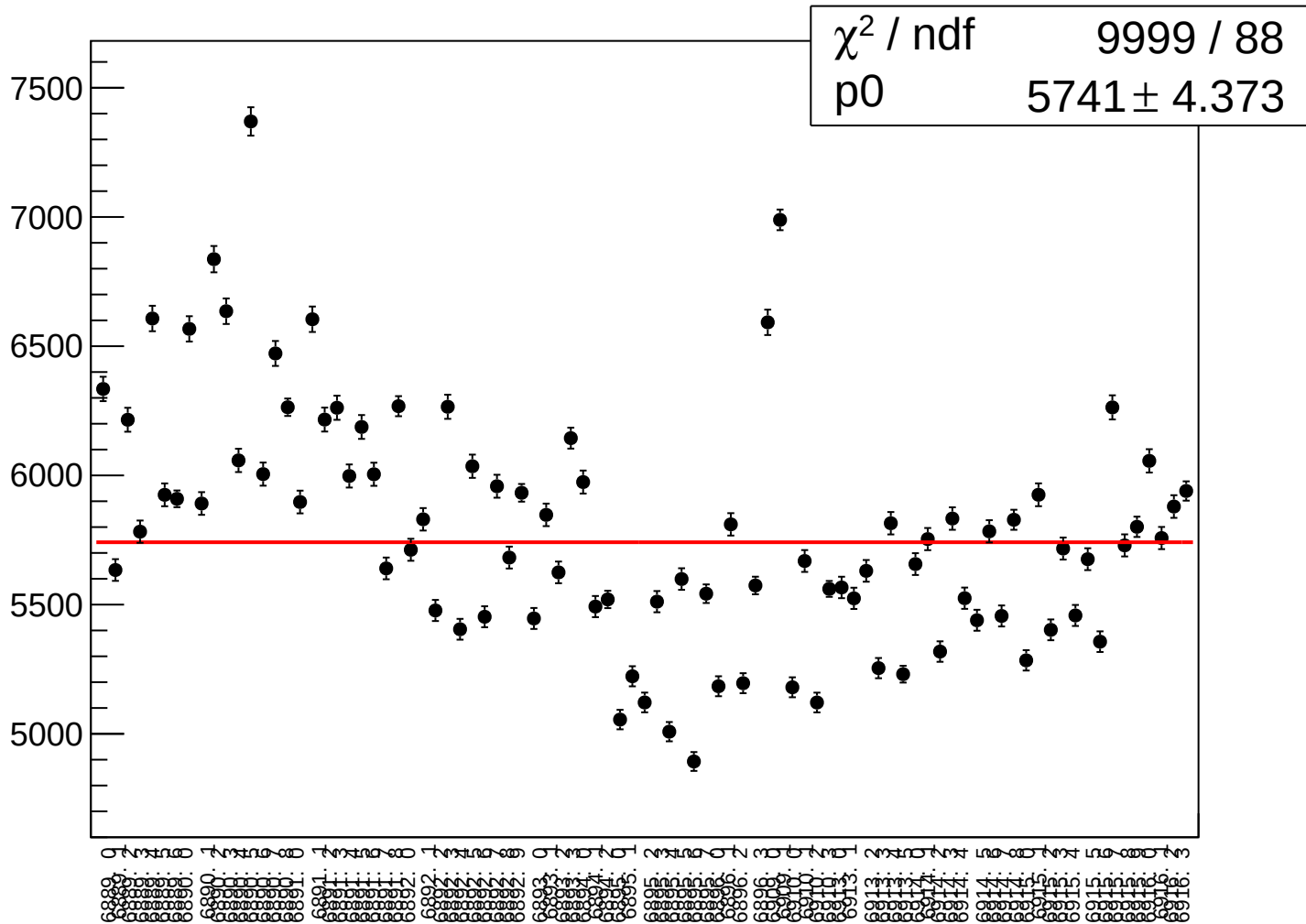
reg_asym_usr_atr2_avg_rms vs run



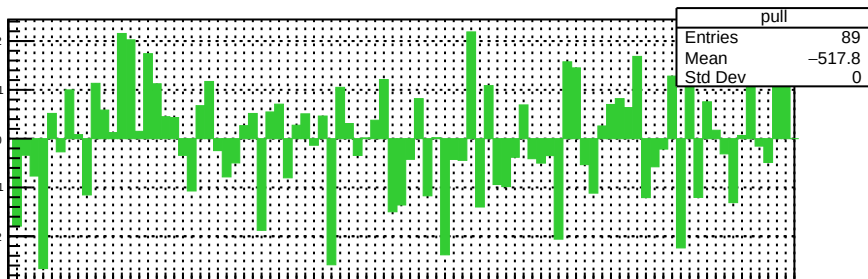
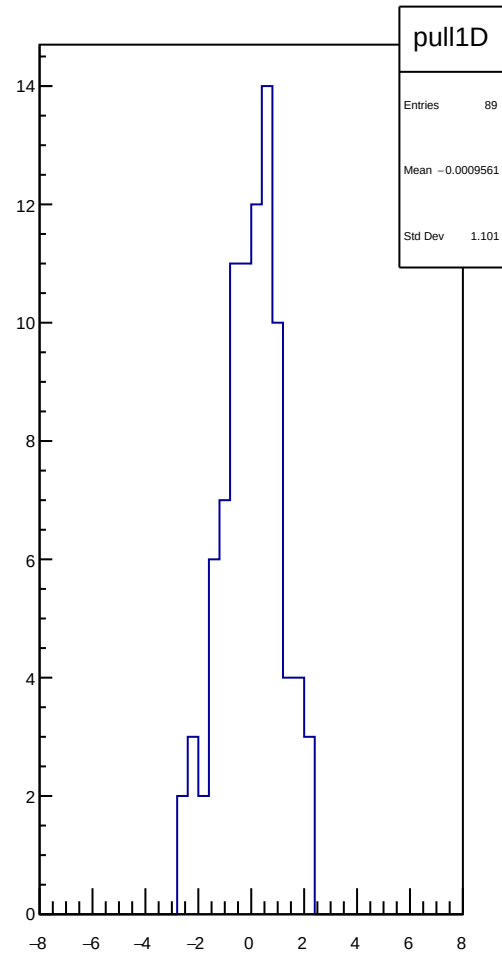
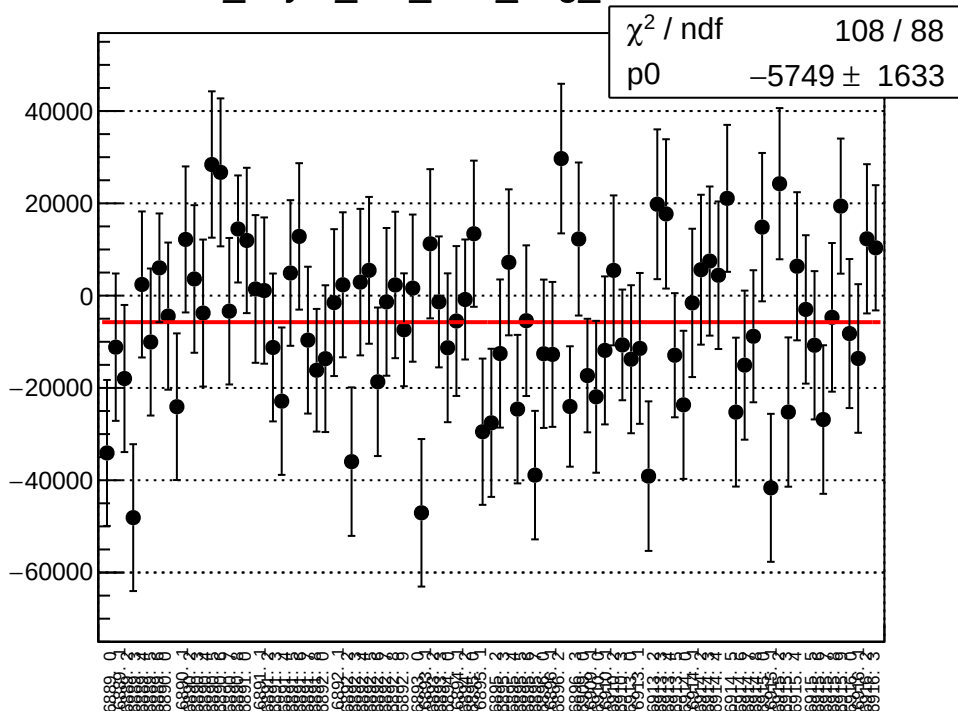
asym_usr_atr2_avg_reg_correction_mean vs run



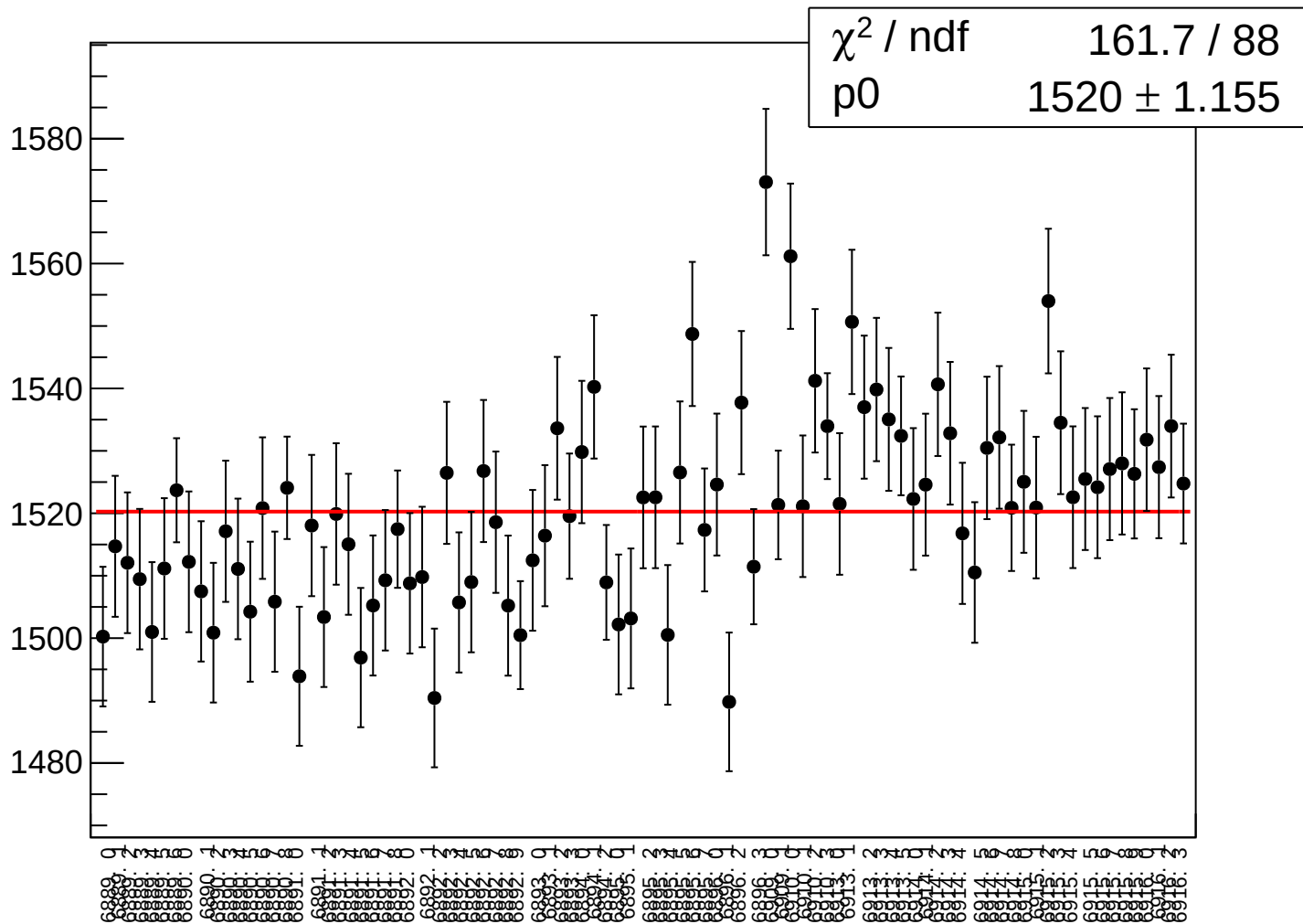
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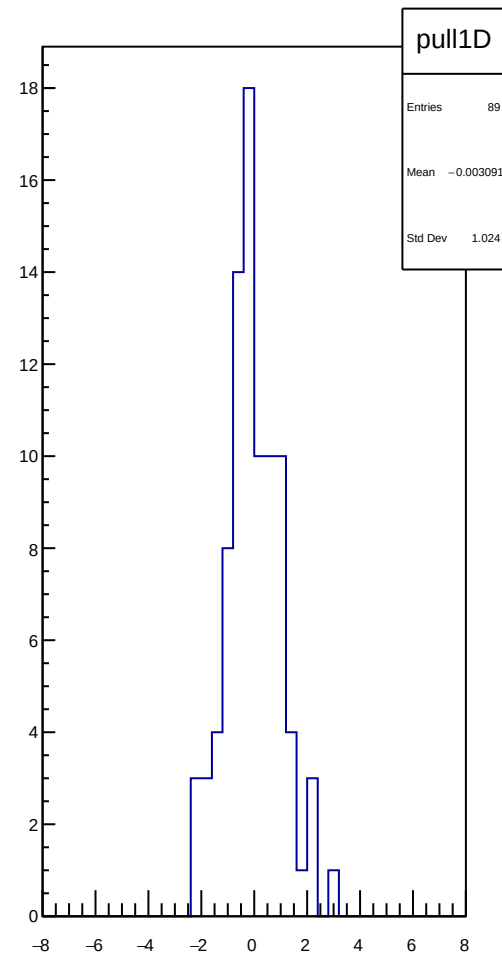
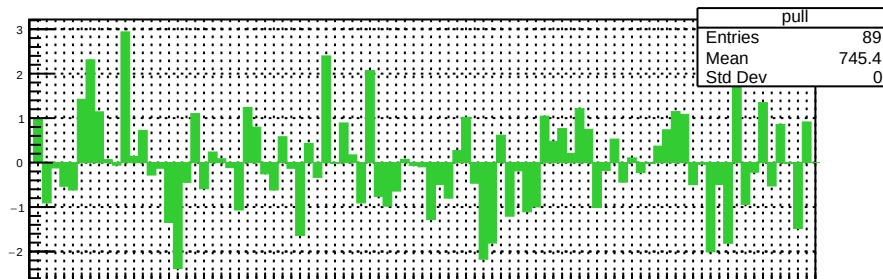
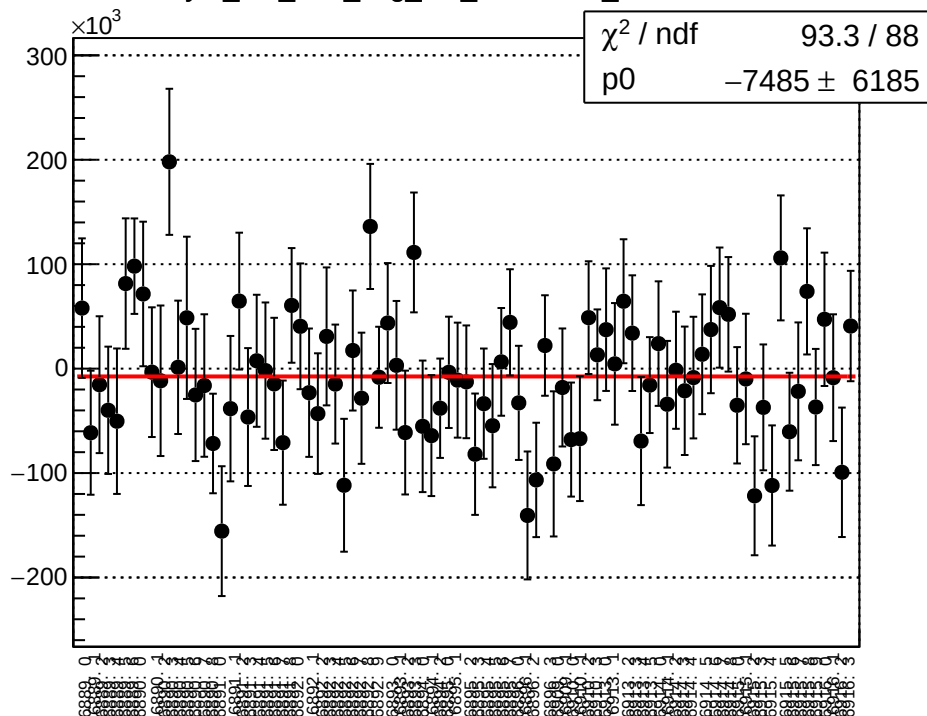
cor_asym_usr_atr2_avg_mean vs run



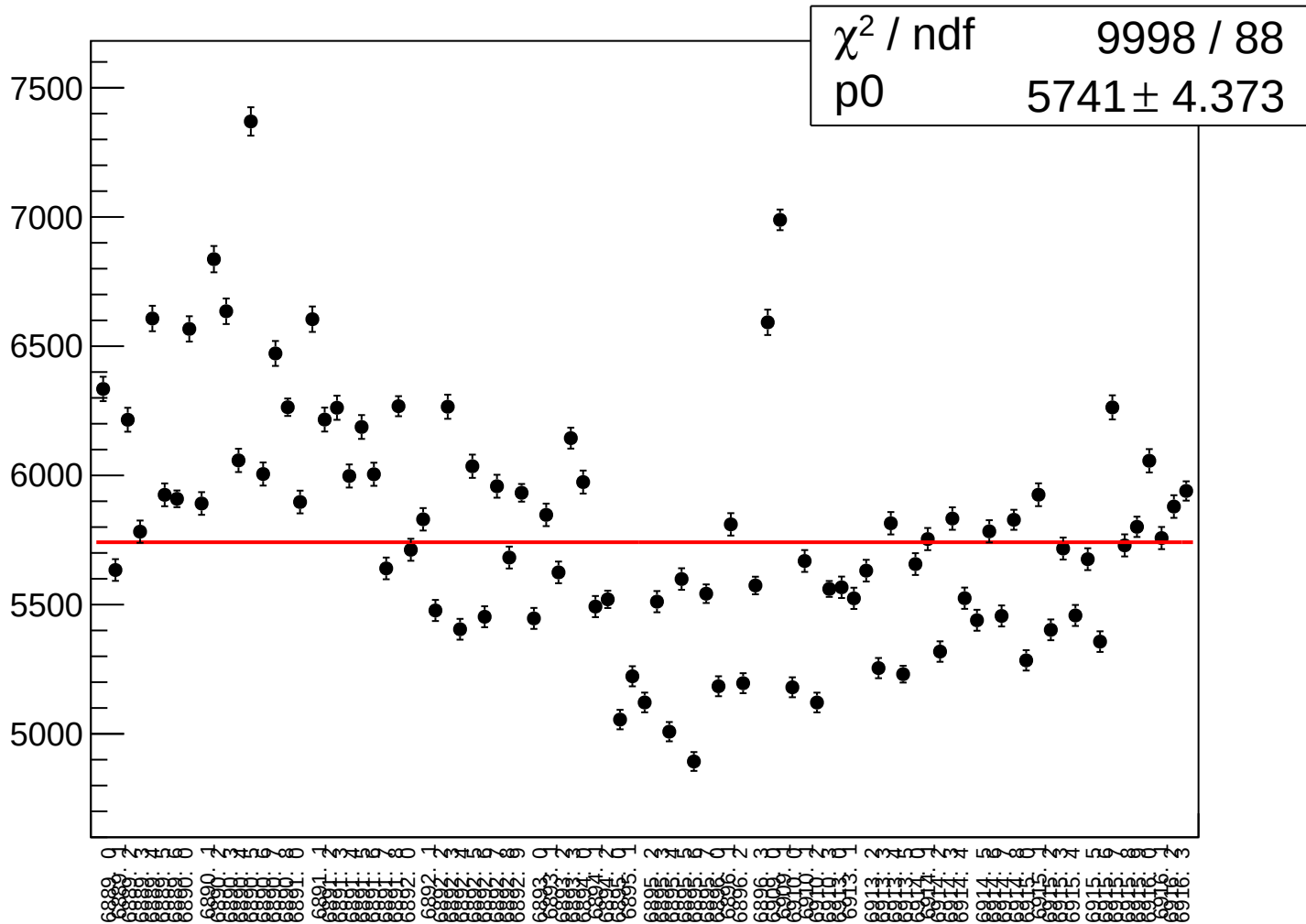
cor_asym_usr_atr2_avg_rms vs run



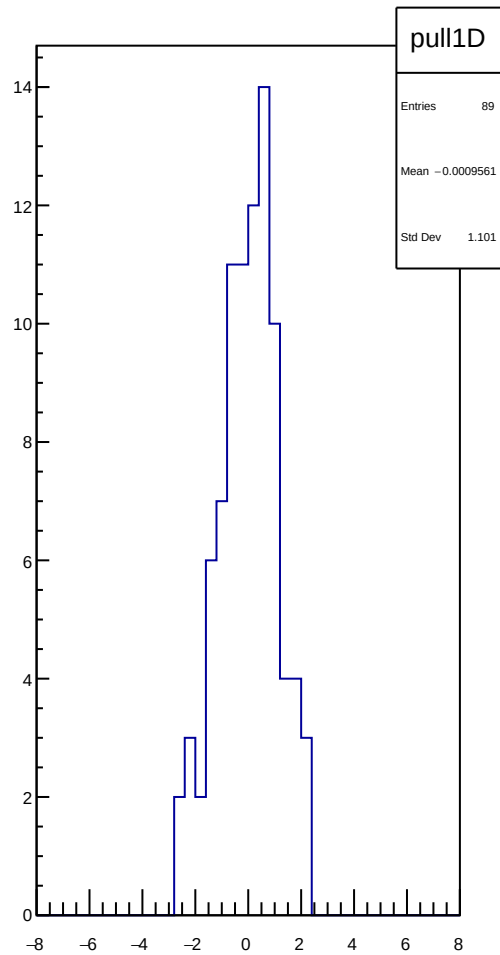
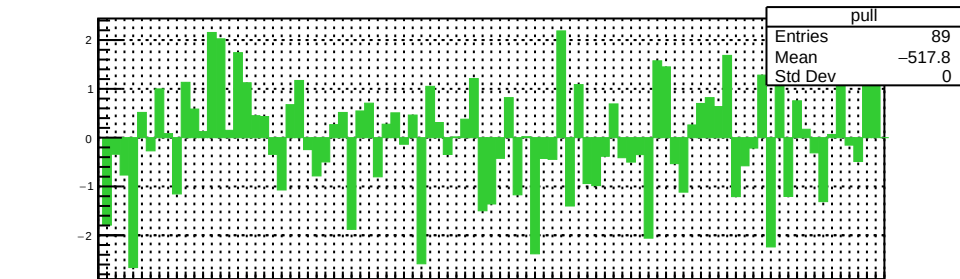
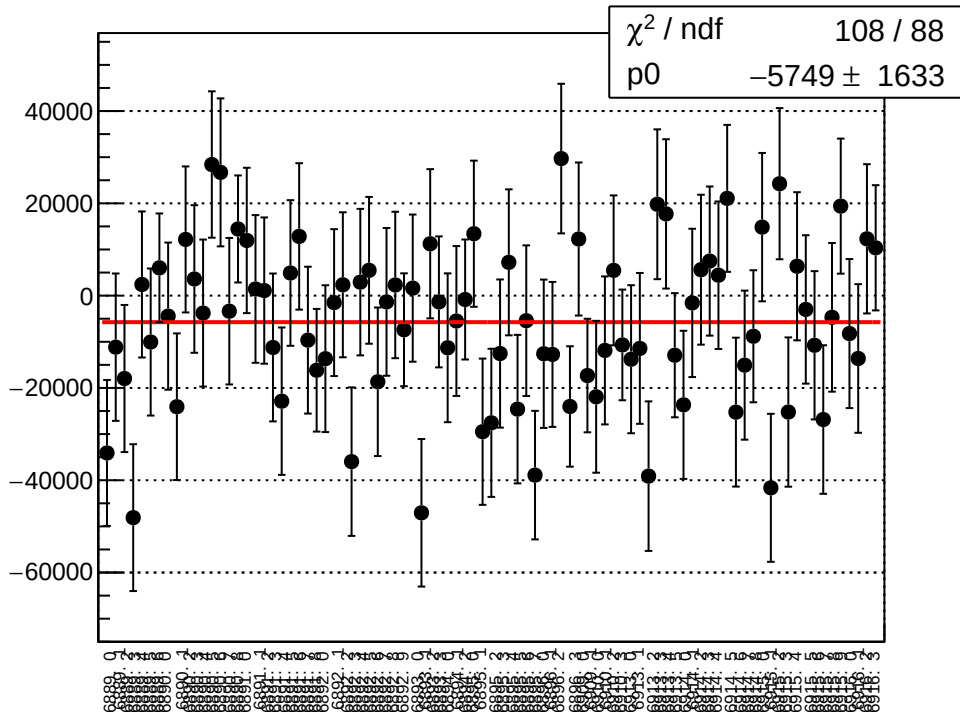
asym_usr_atr2_avg_cor_correction_mean vs run



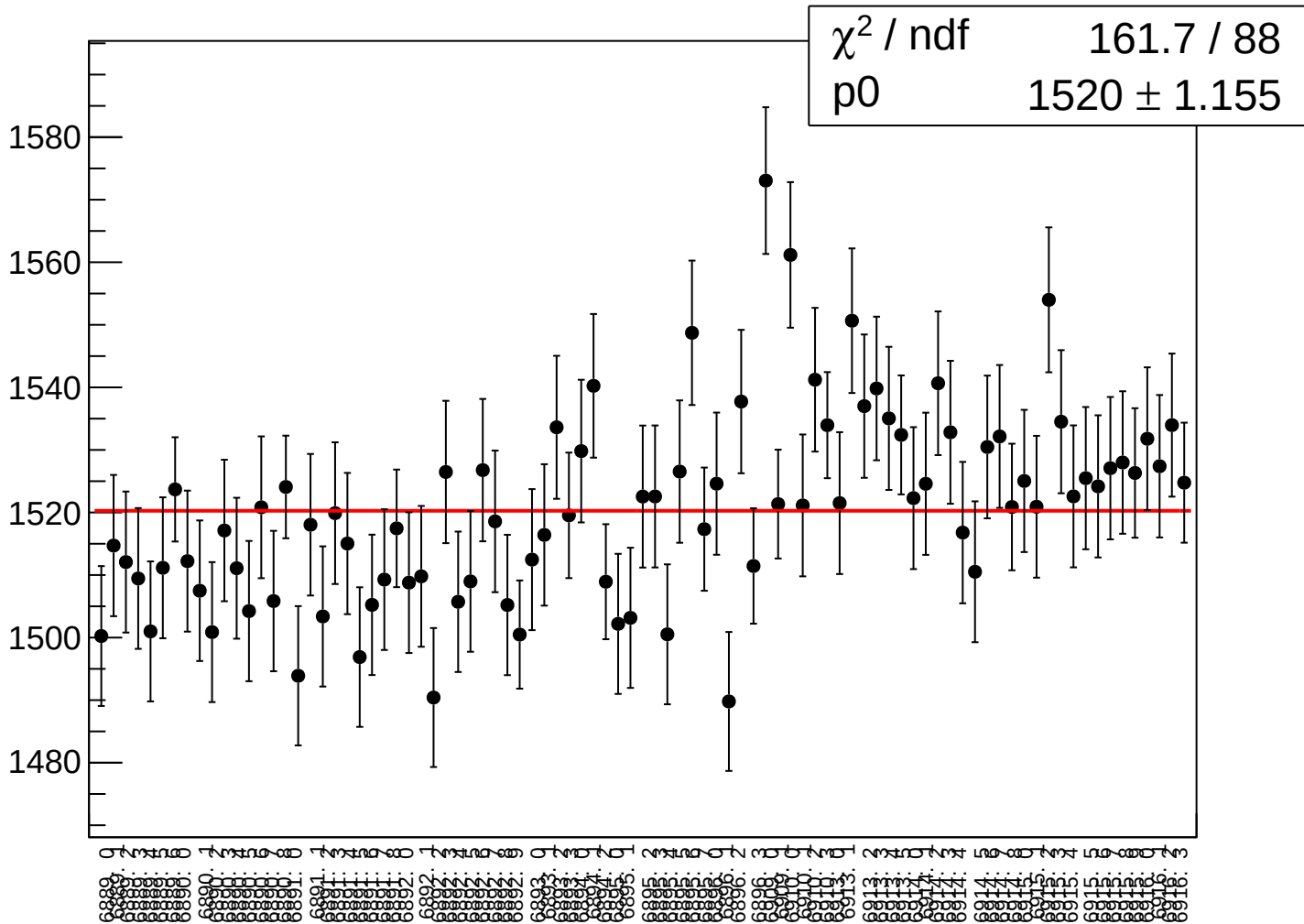
asym_usr_atr2_avg_cor_correction_rms vs run



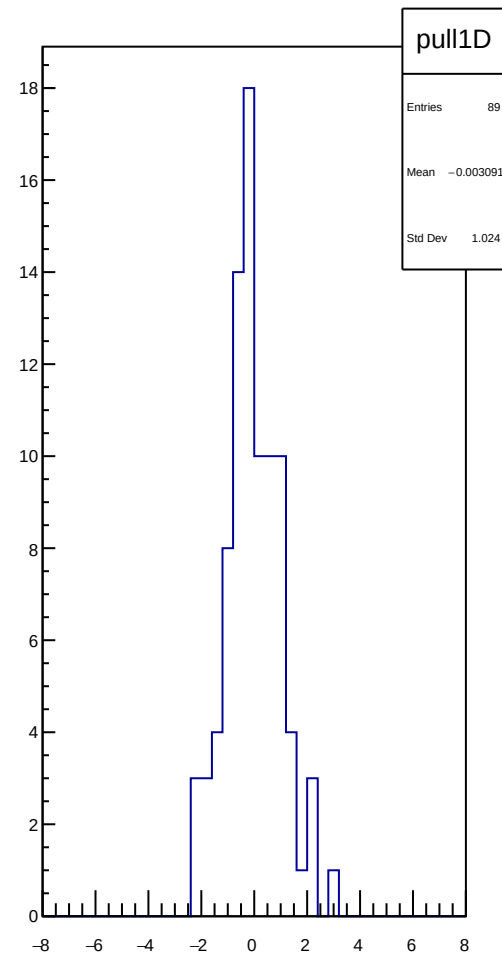
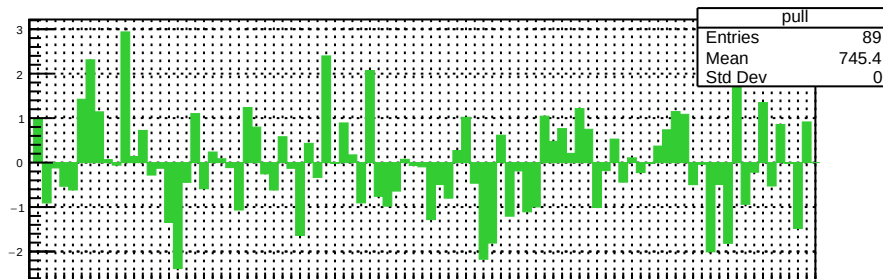
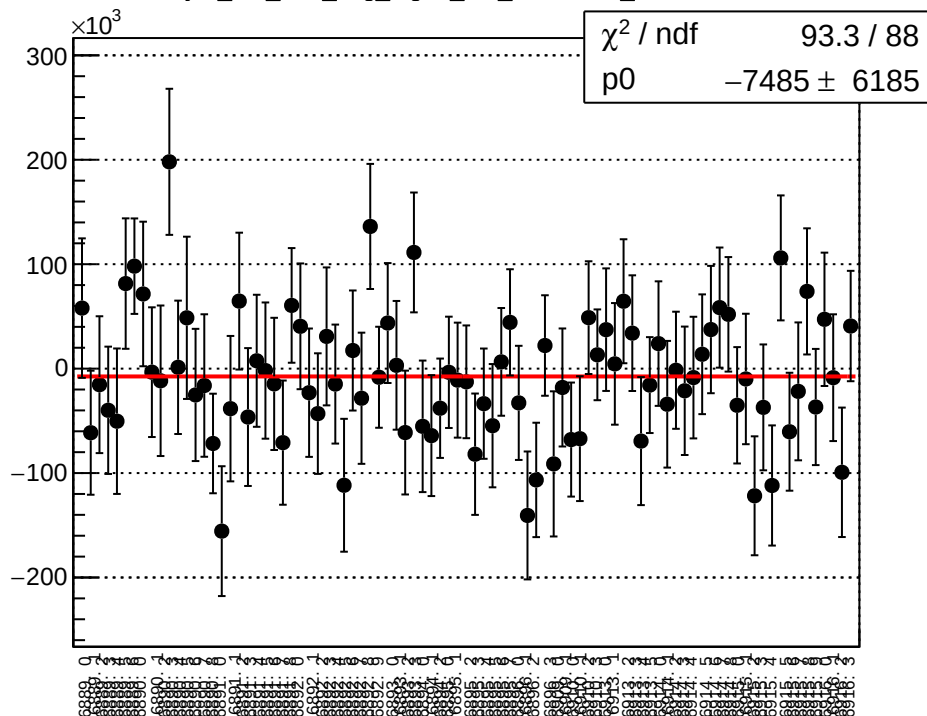
eigen_cor_asym_usr_atr2_avg_mean vs run



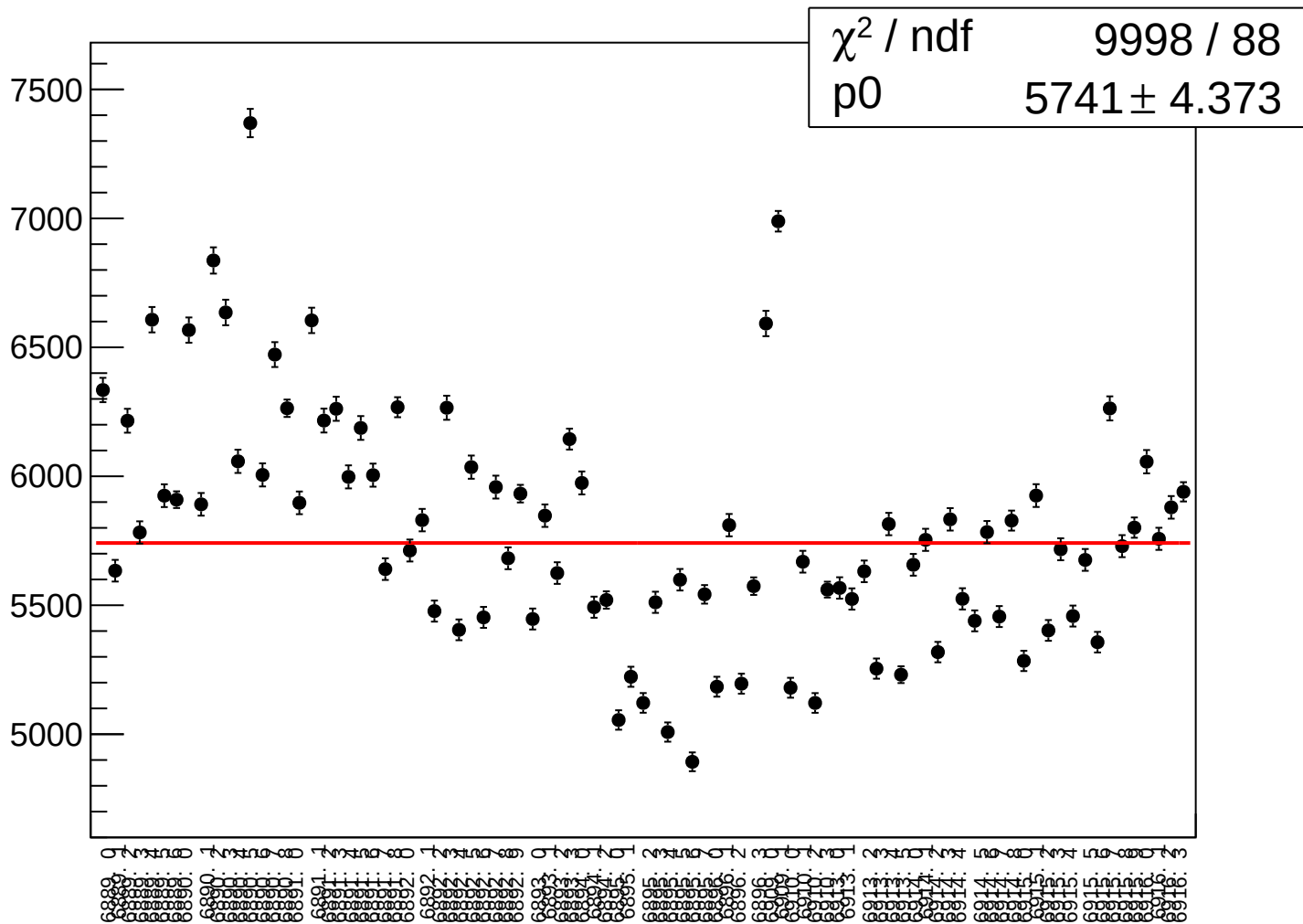
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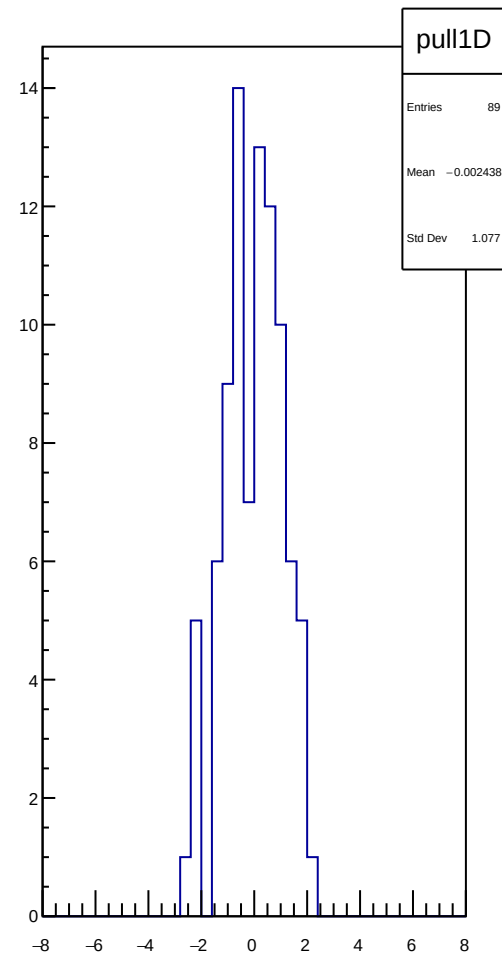
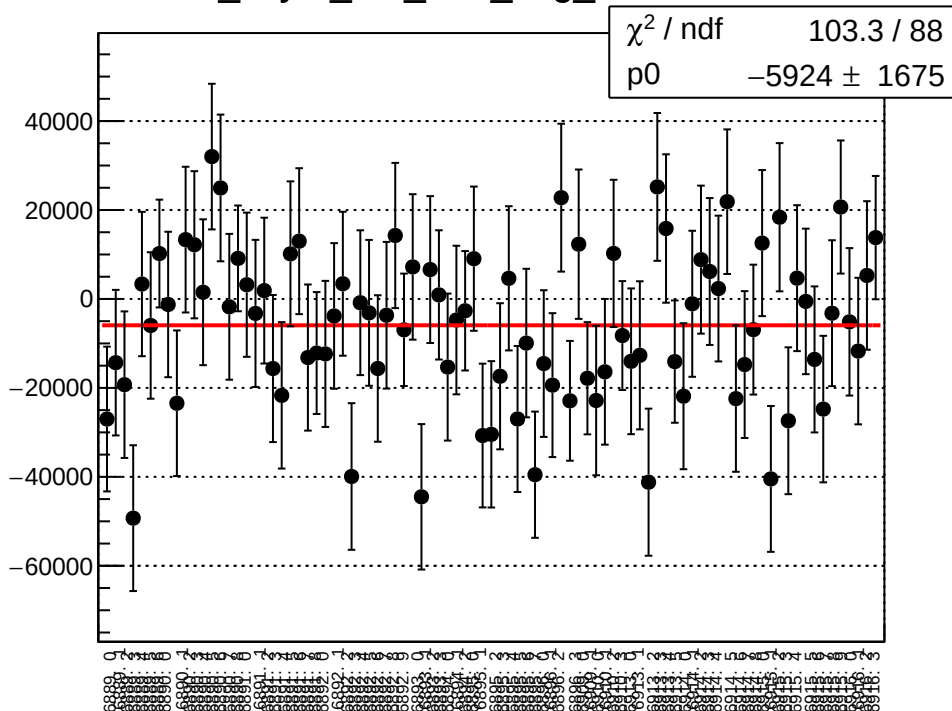
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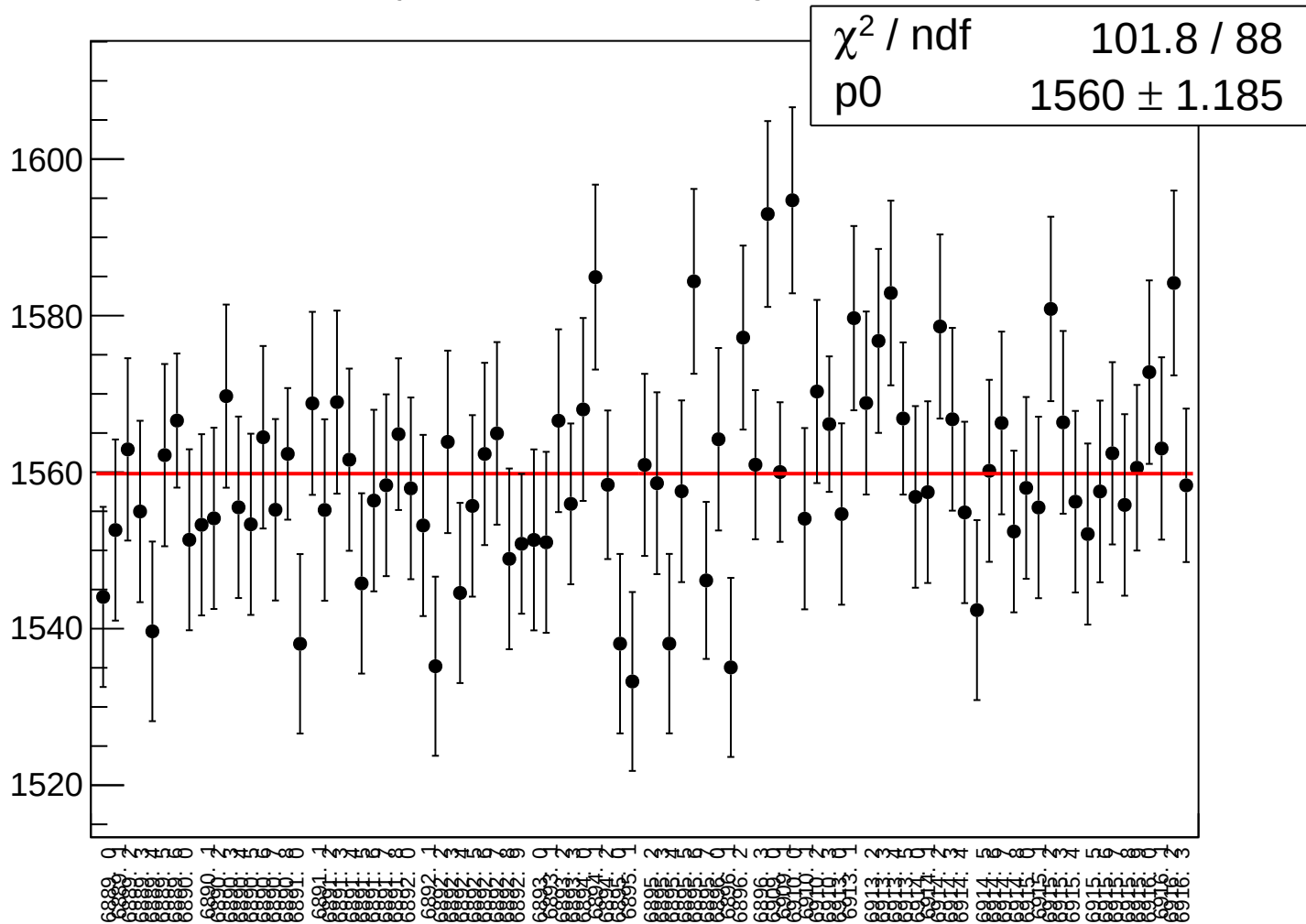
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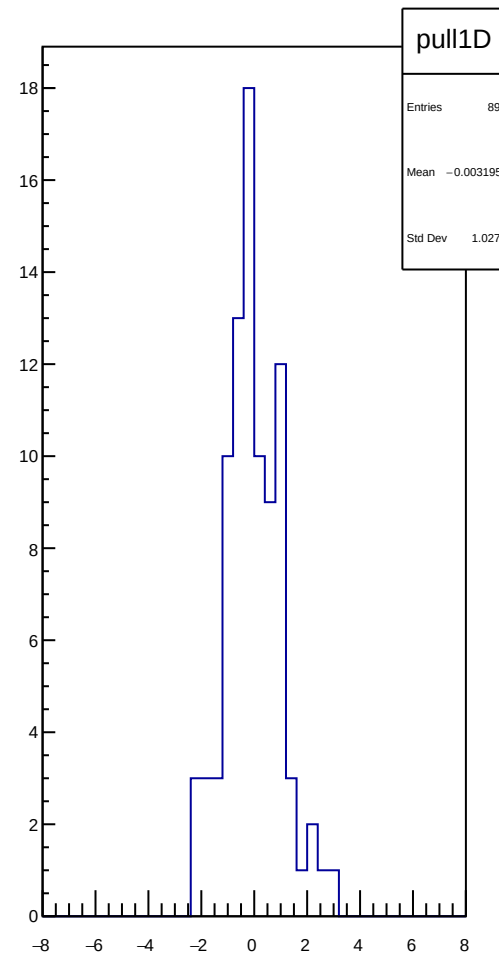
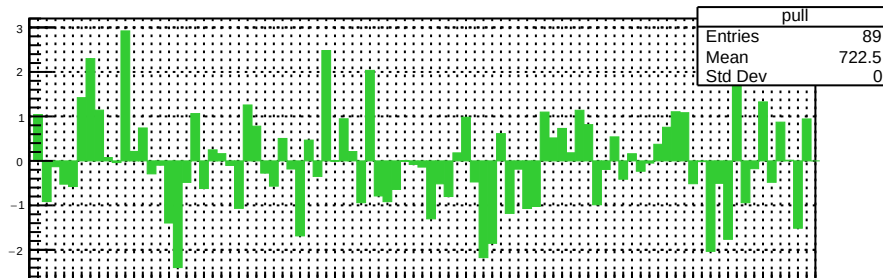
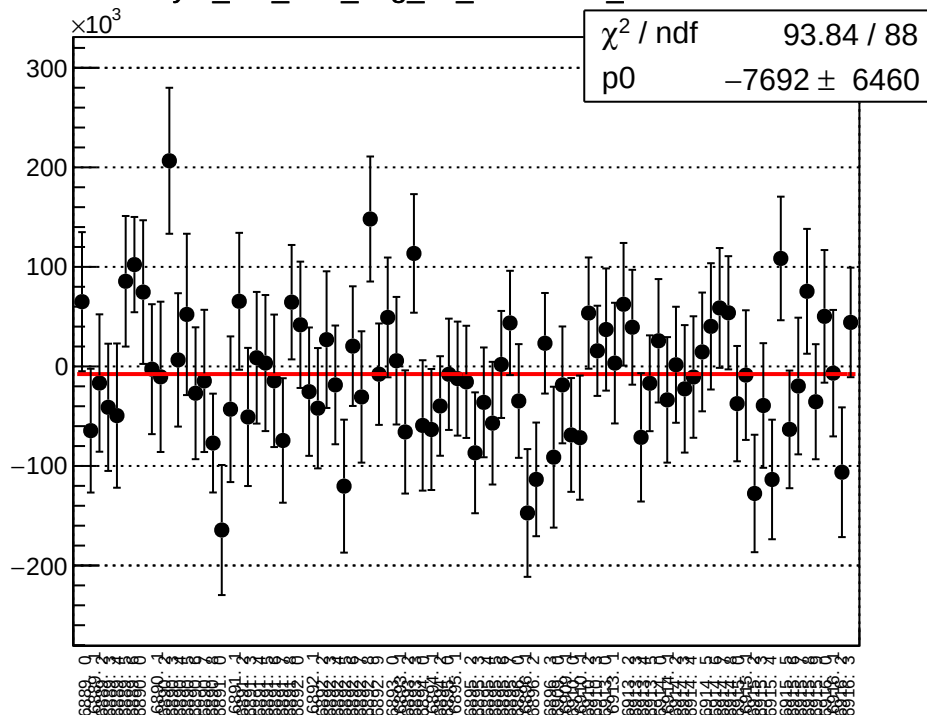
dit_asym_usr_atr2_avg_mean vs run



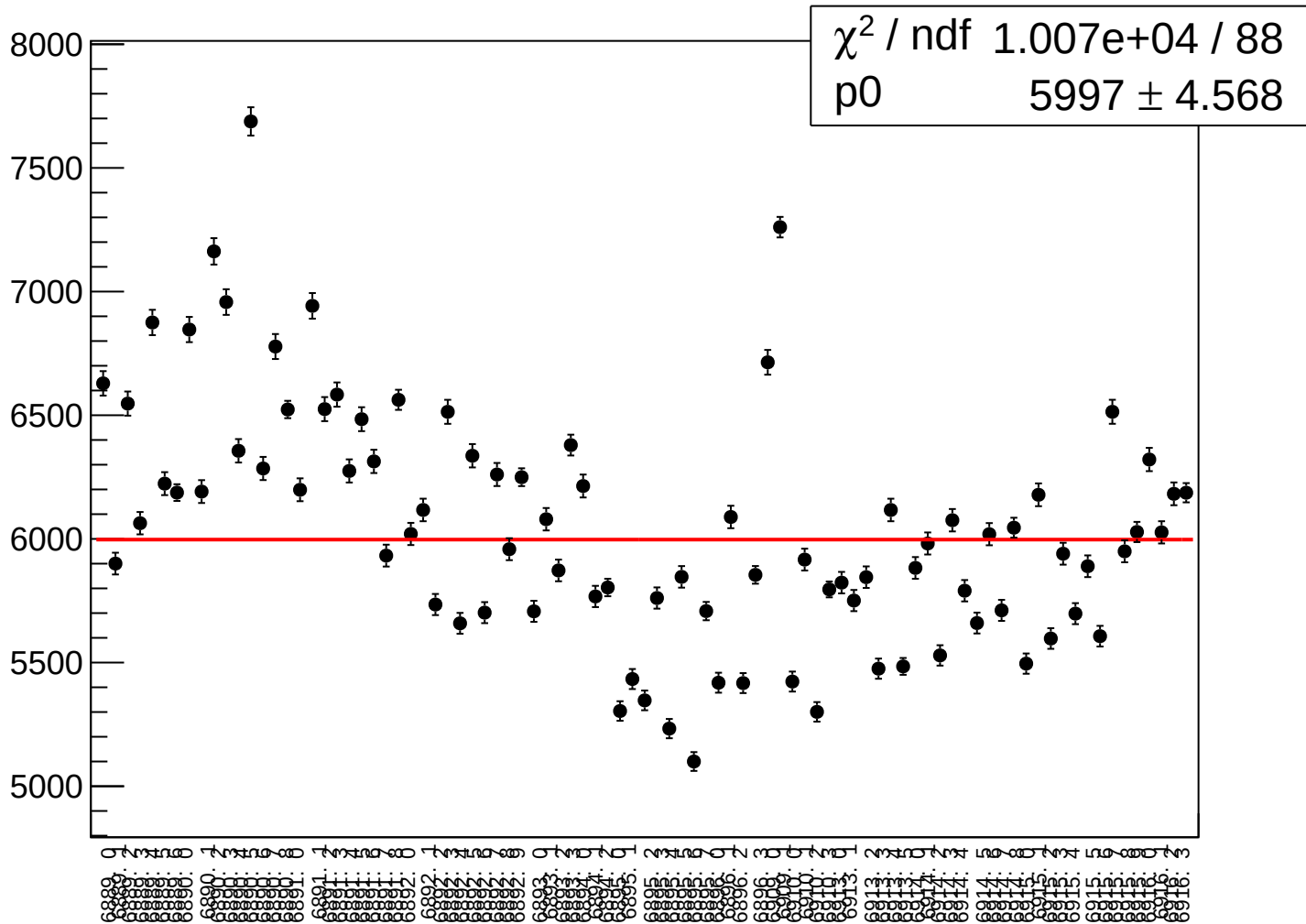
dit_asym_usr_atr2_avg_rms vs run



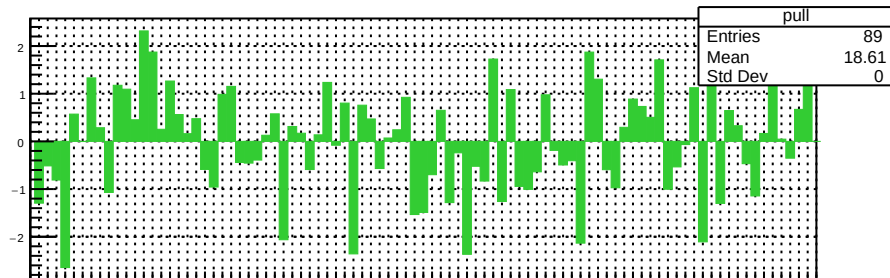
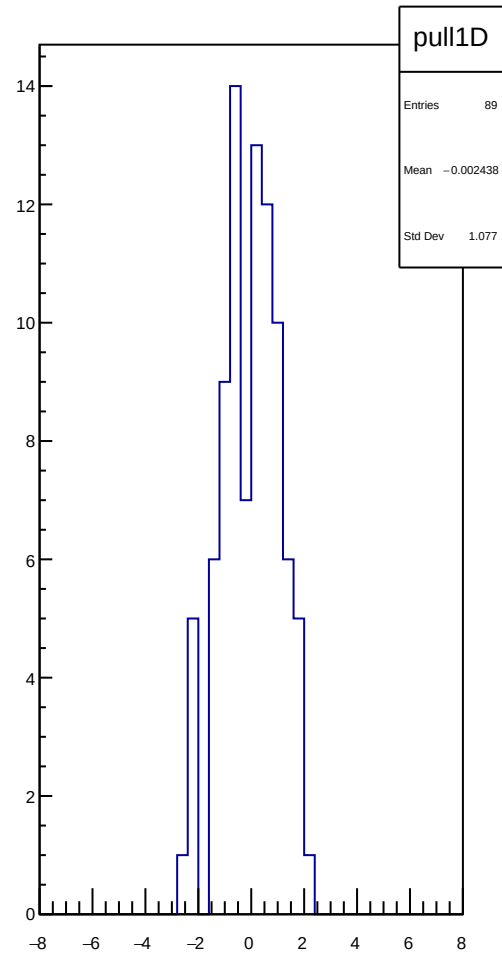
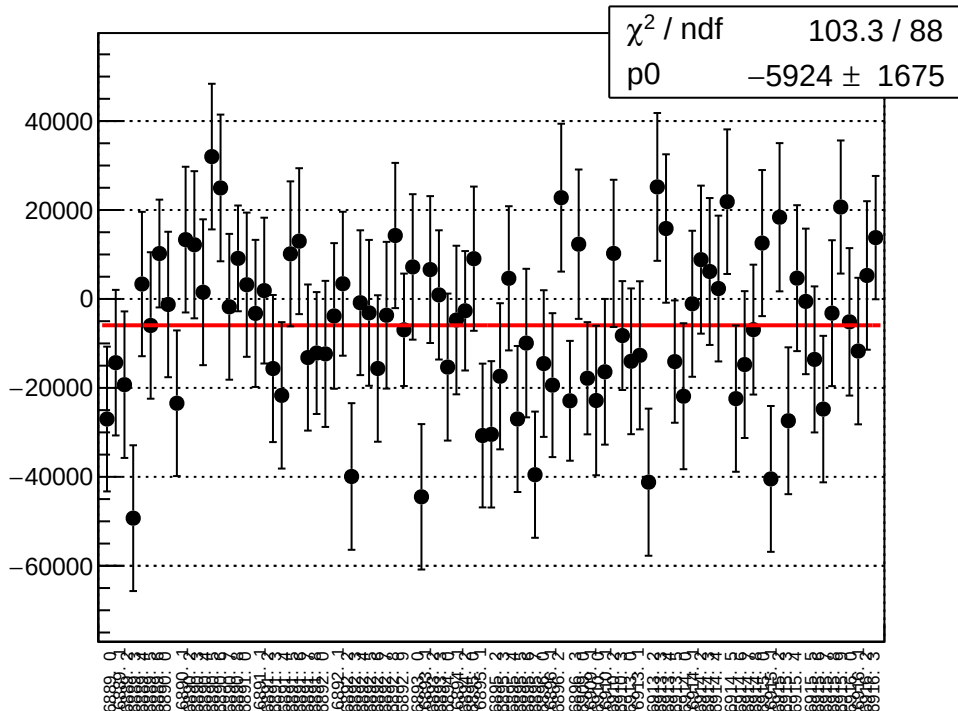
asym_usr_atr2_avg_dit_correction_mean vs run



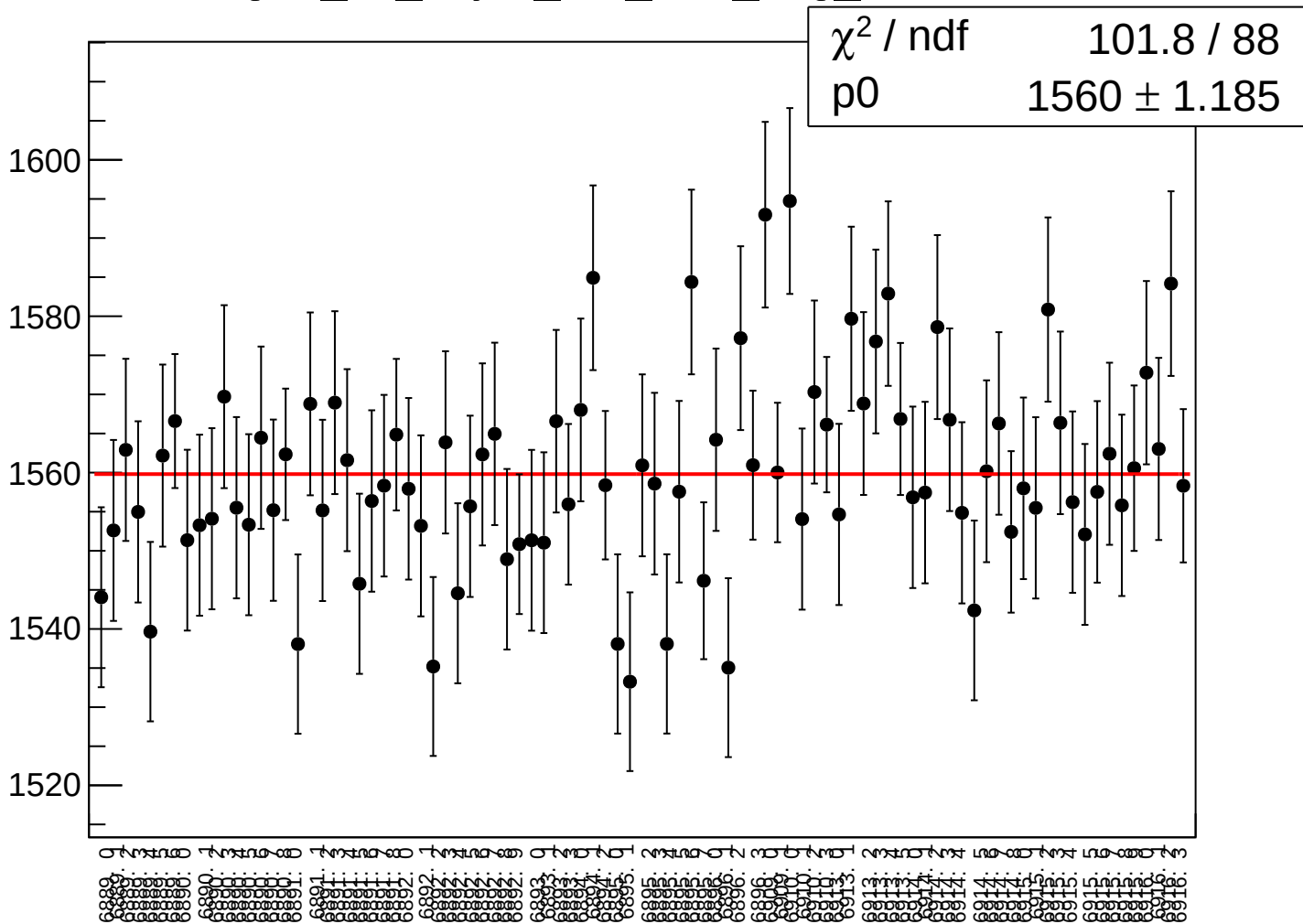
asym_usr_atr2_avg_dit_correction_rms vs run



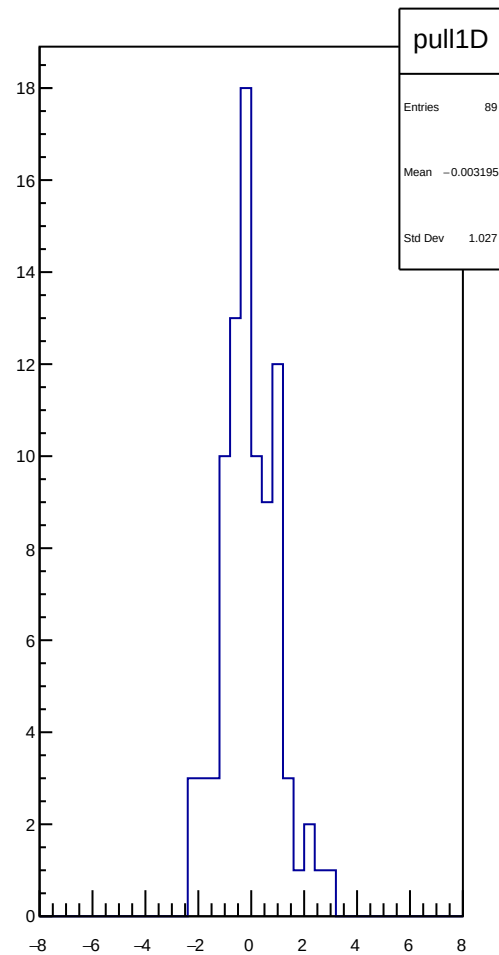
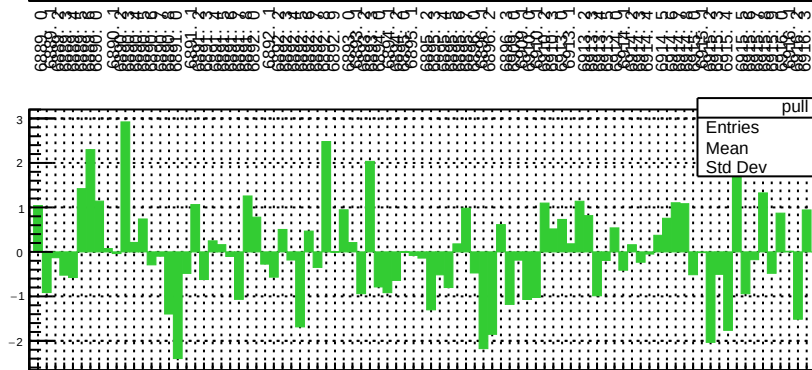
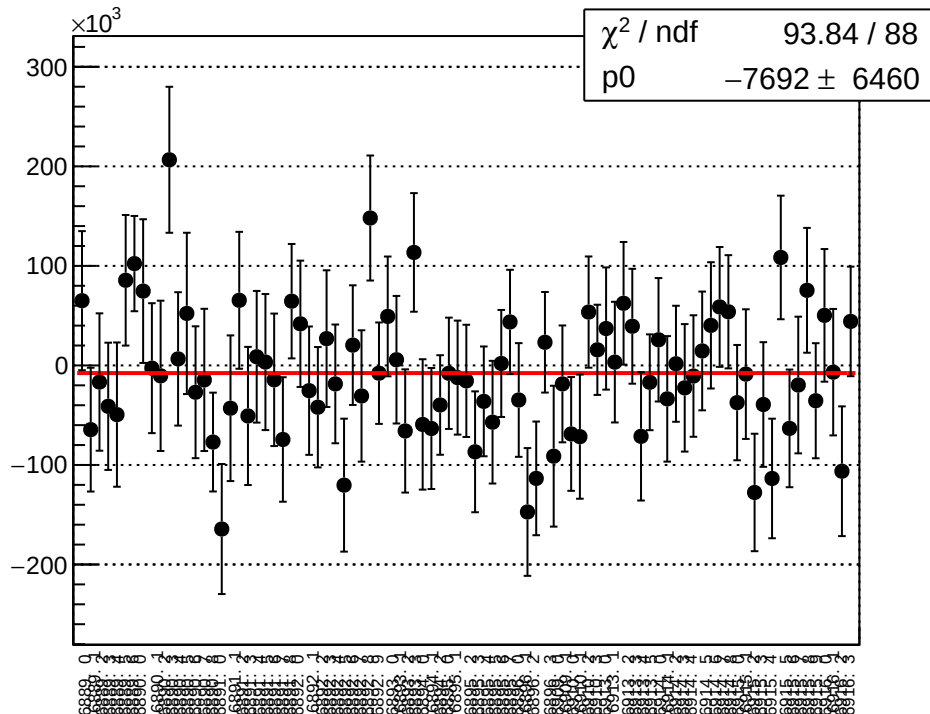
eigen_dit_asym_usr_atr2_avg_mean vs run



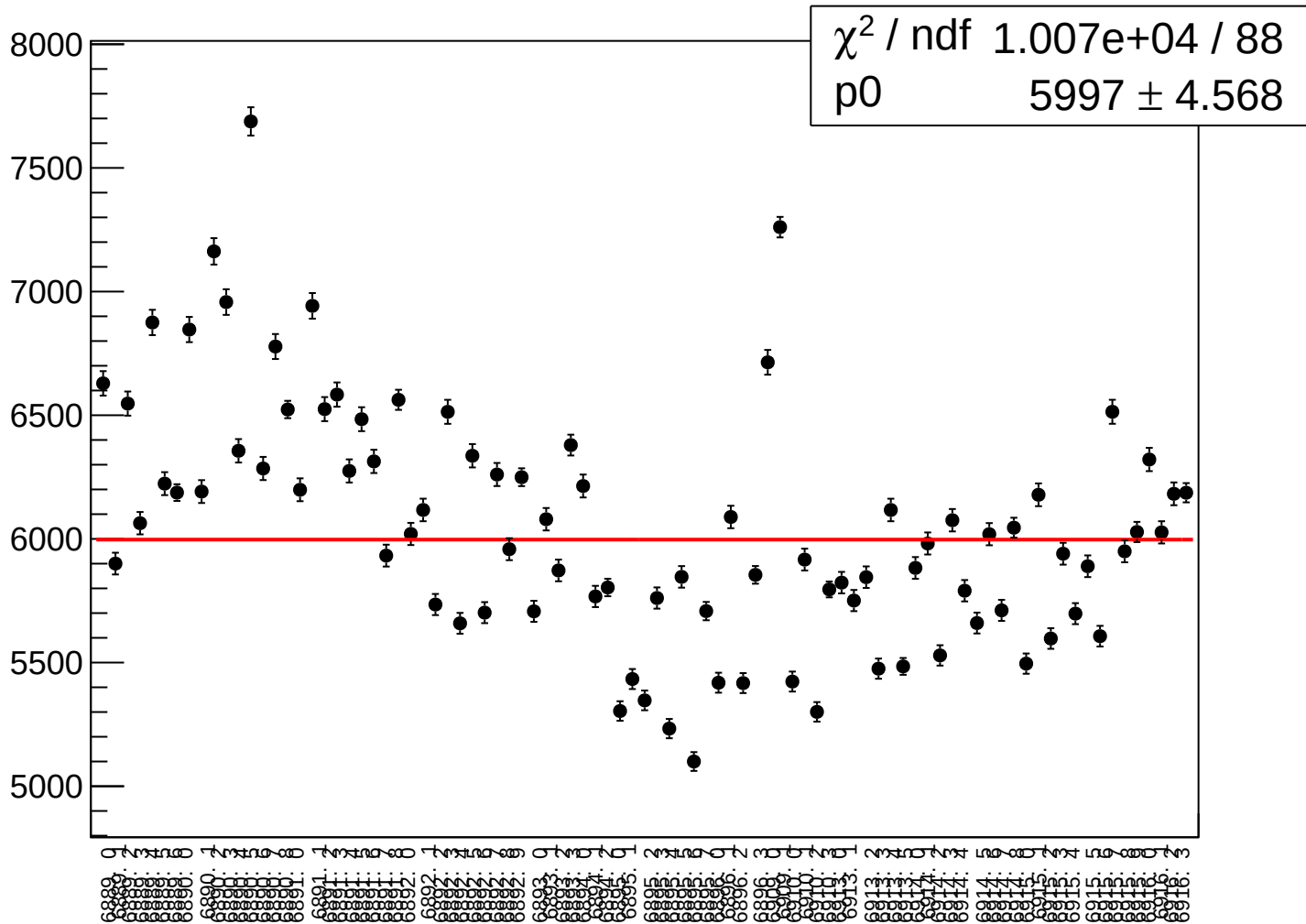
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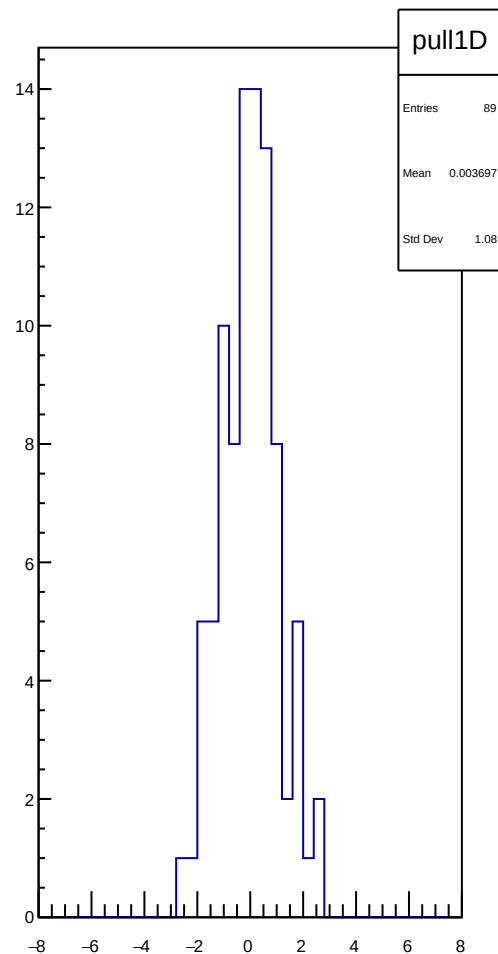
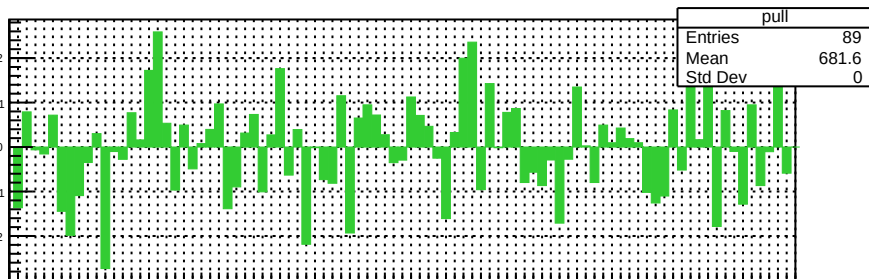
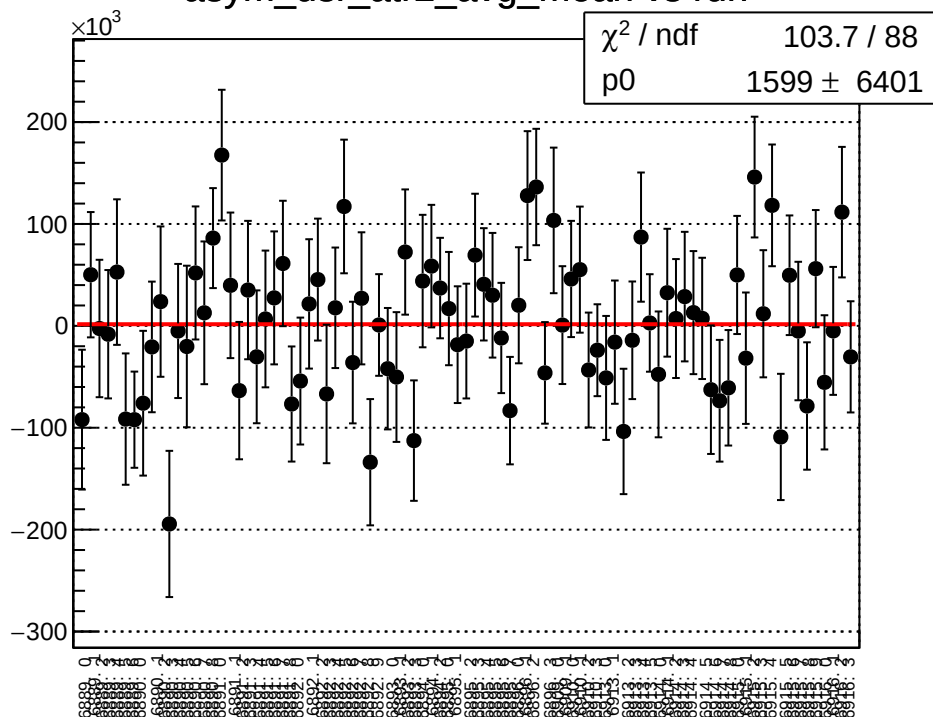
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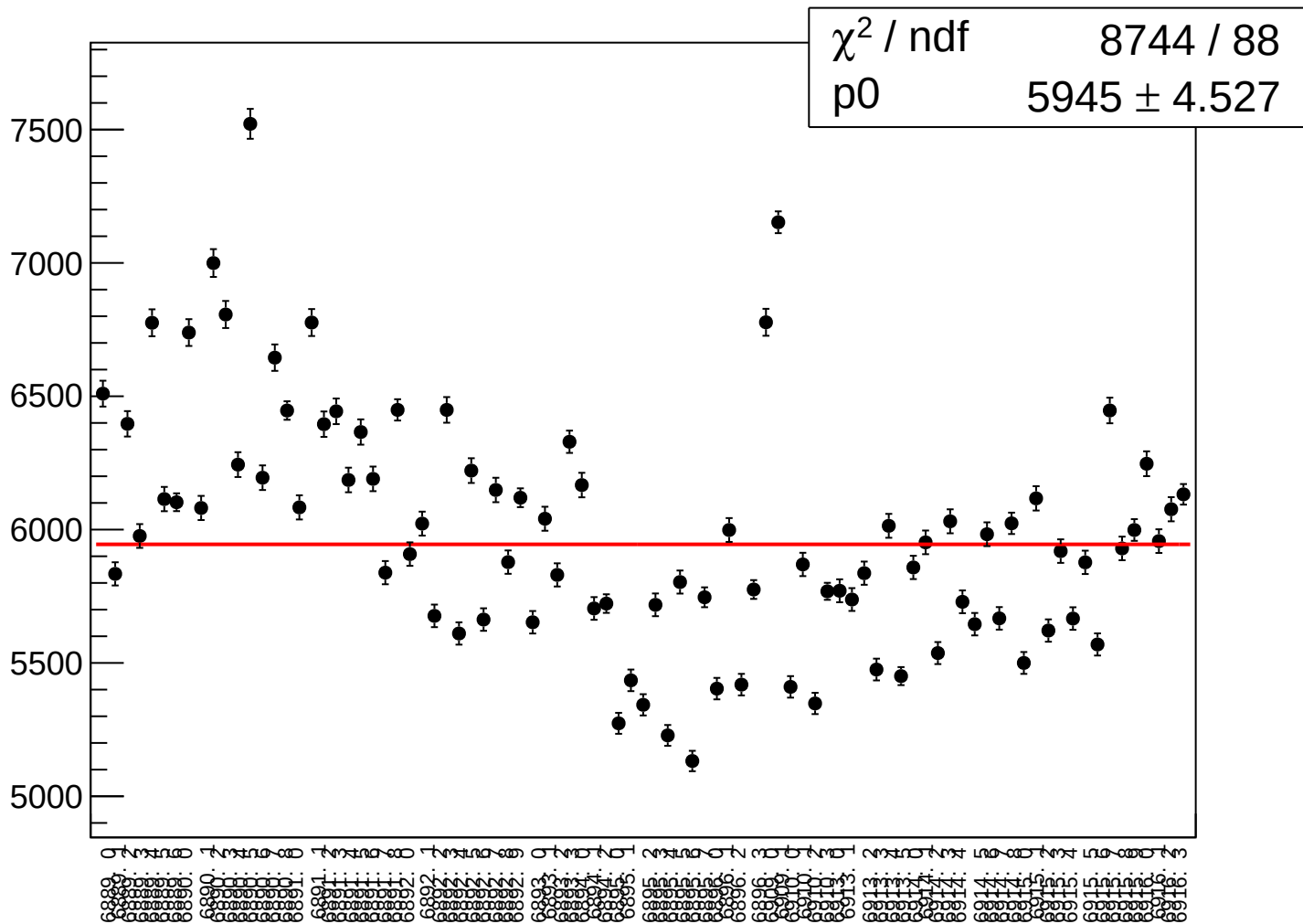
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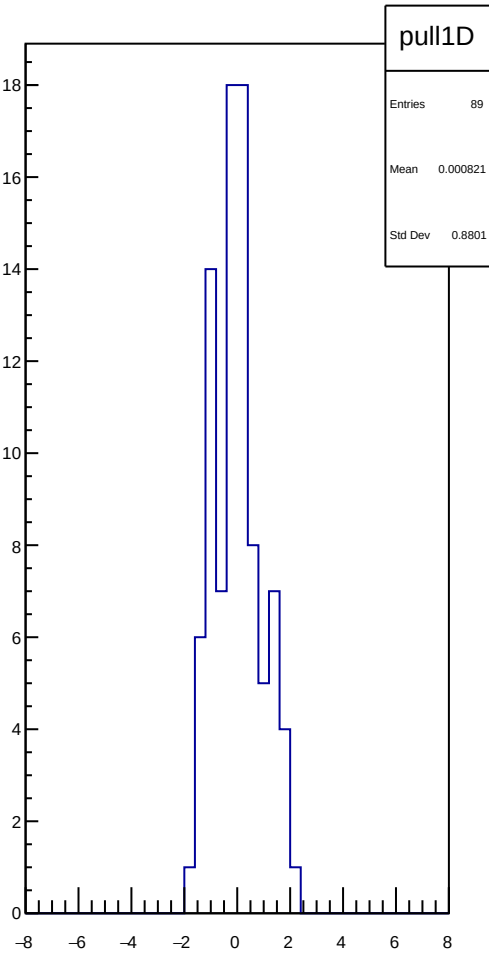
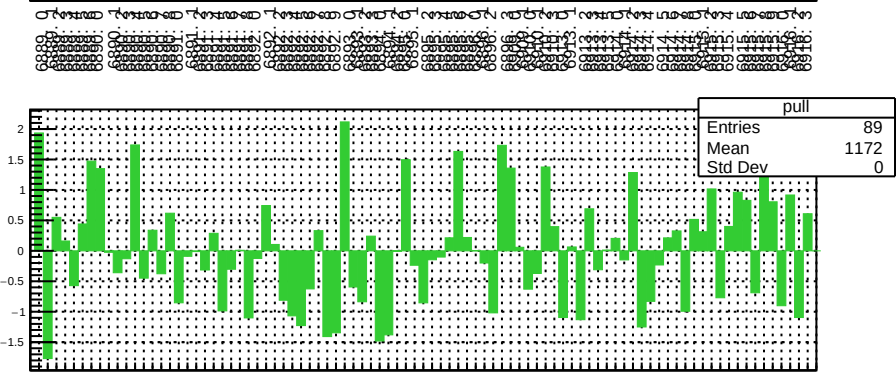
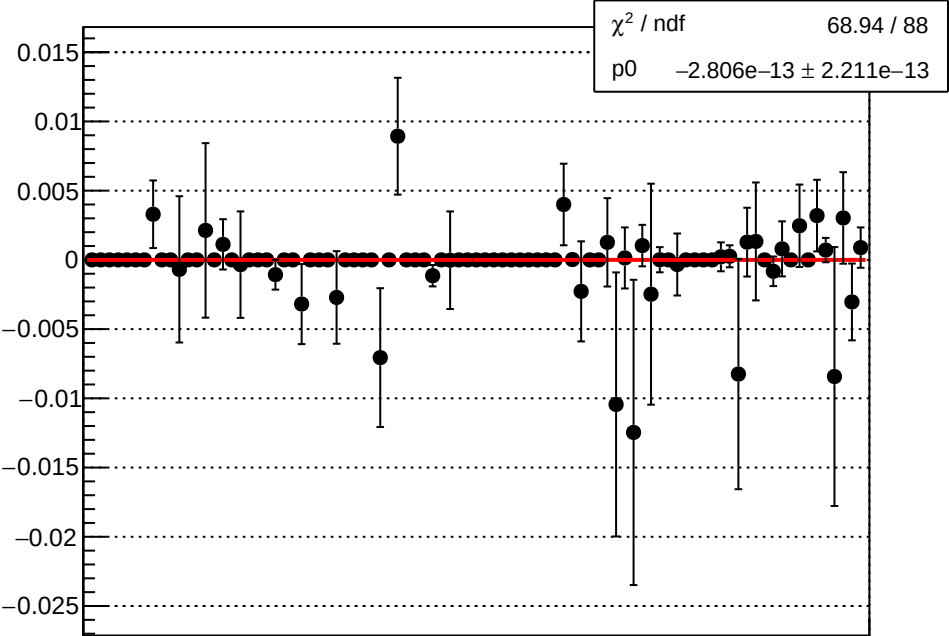
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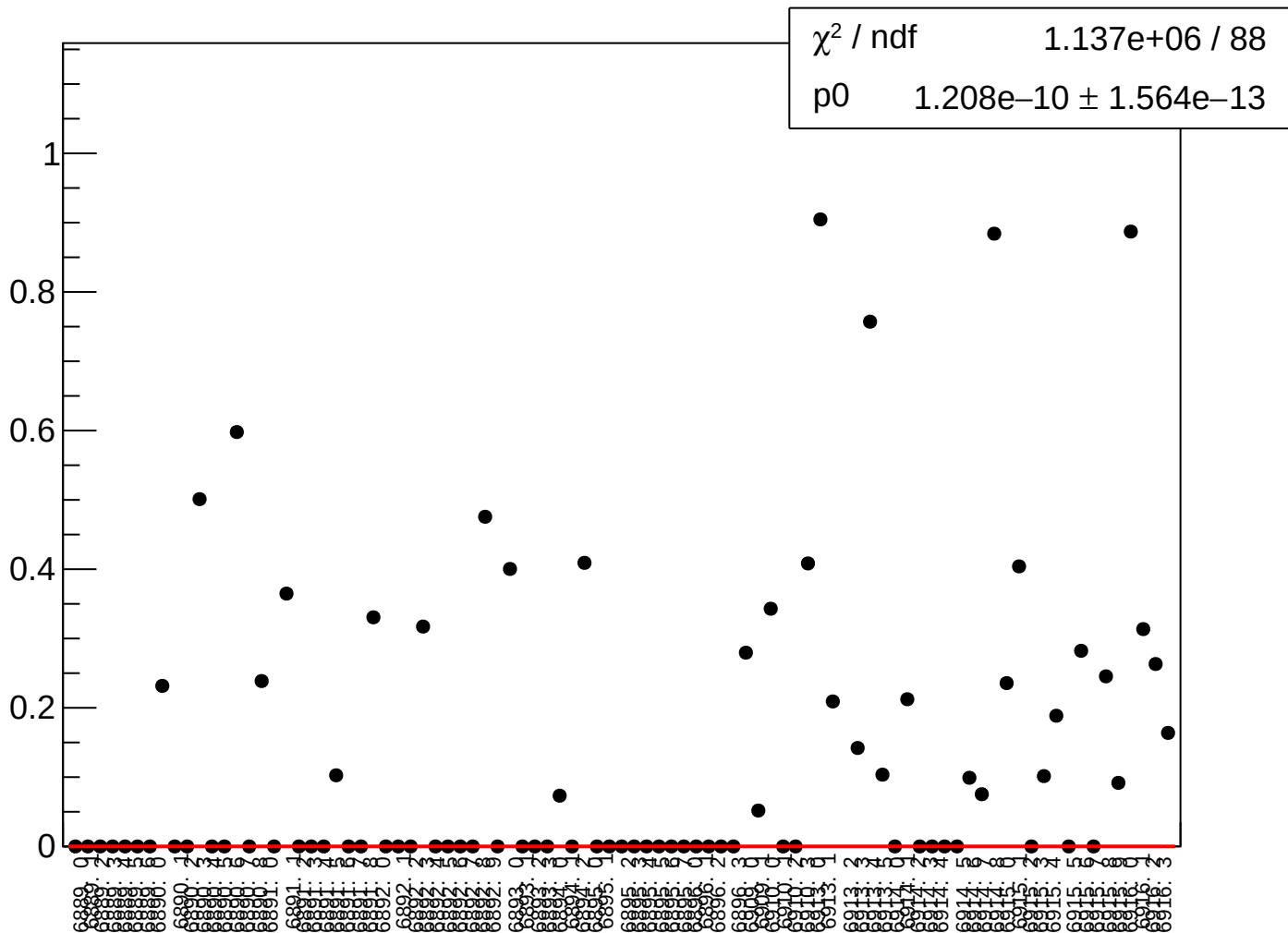
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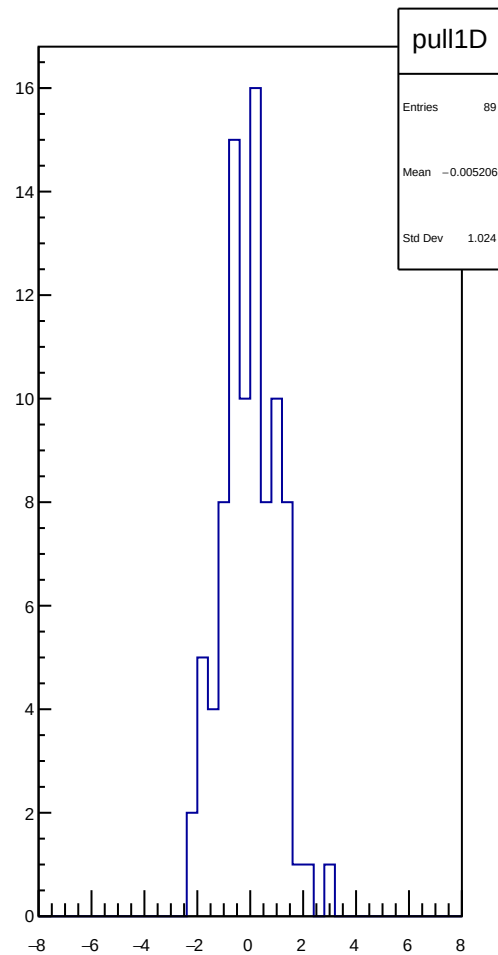
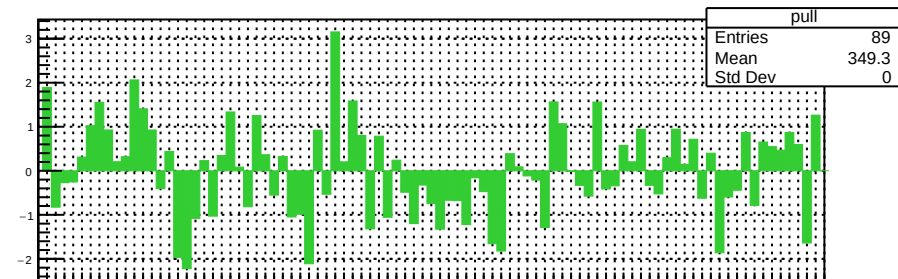
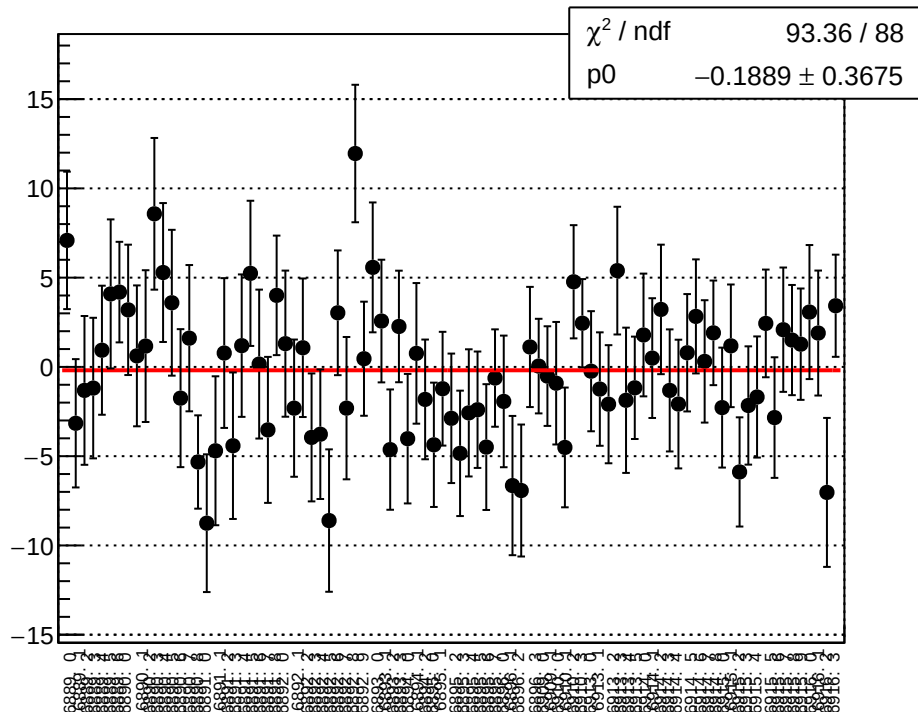
asym_usr_atr2_avg_reg_vs_cor_diff_mean vs run



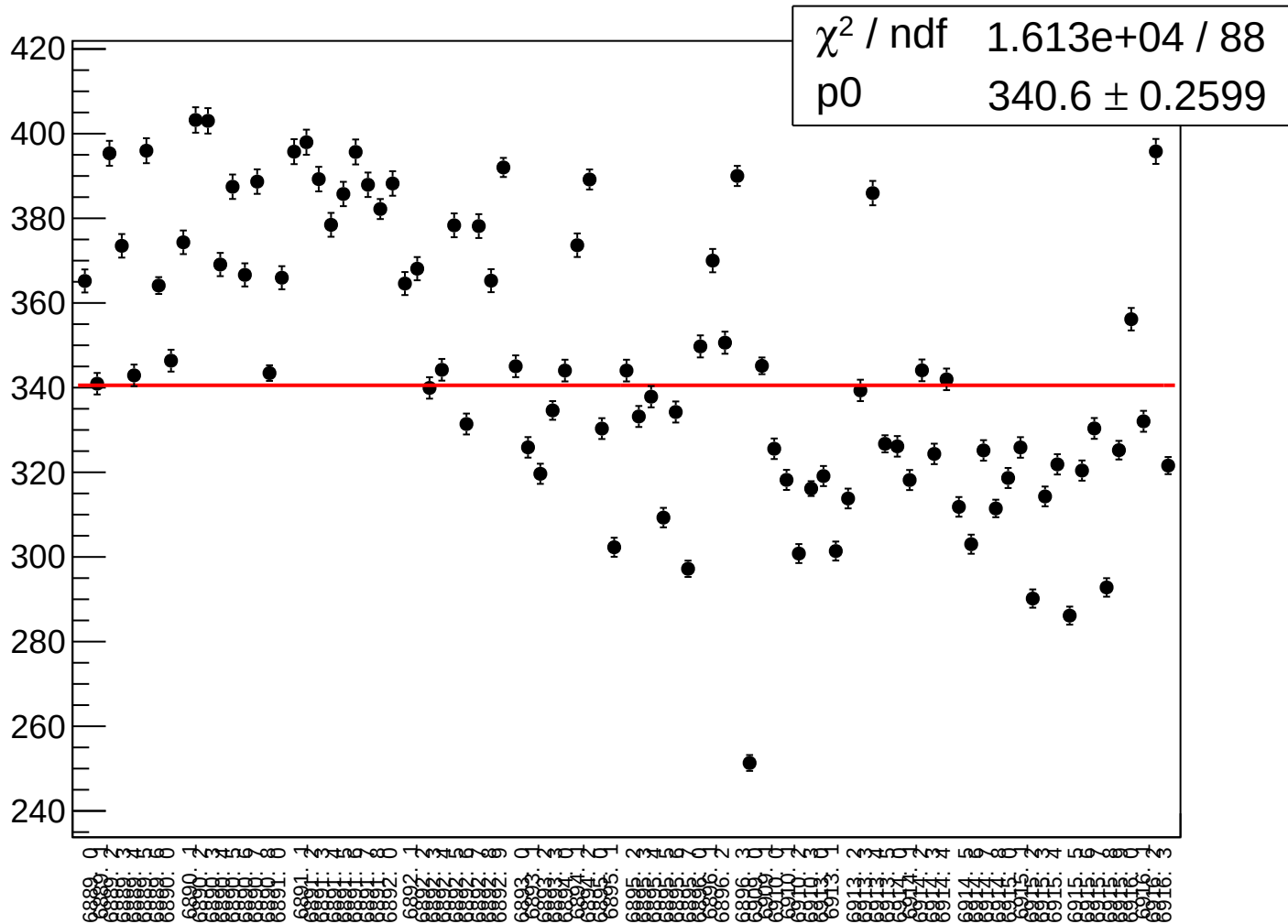
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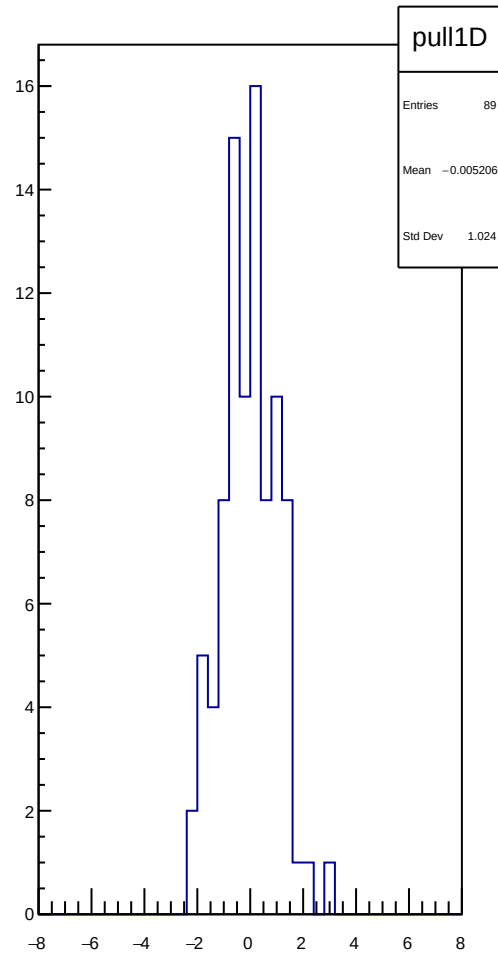
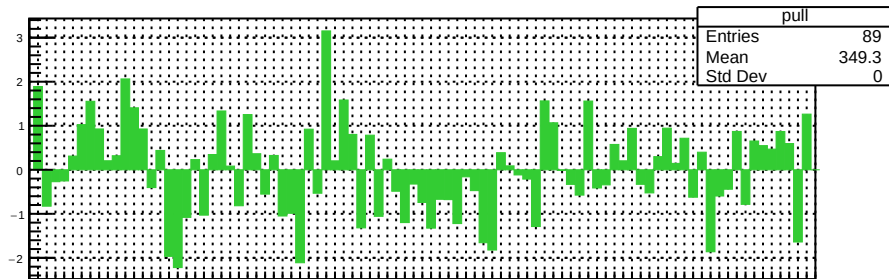
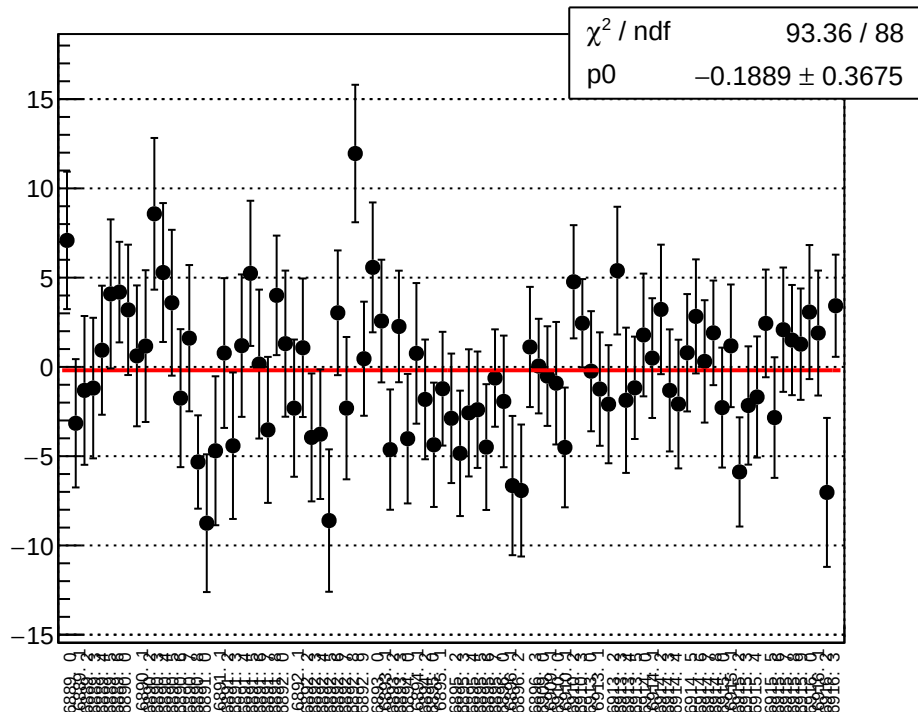
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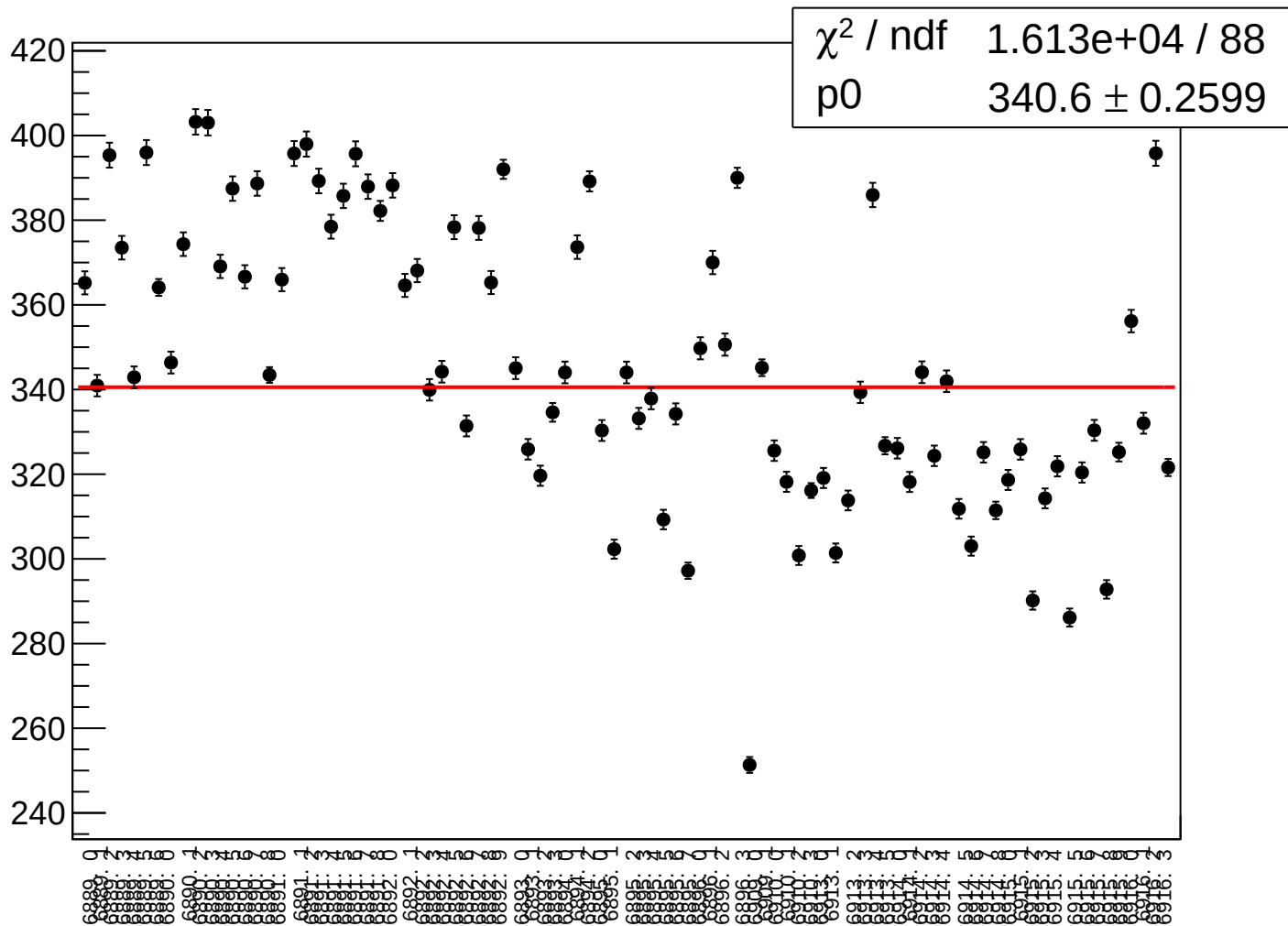
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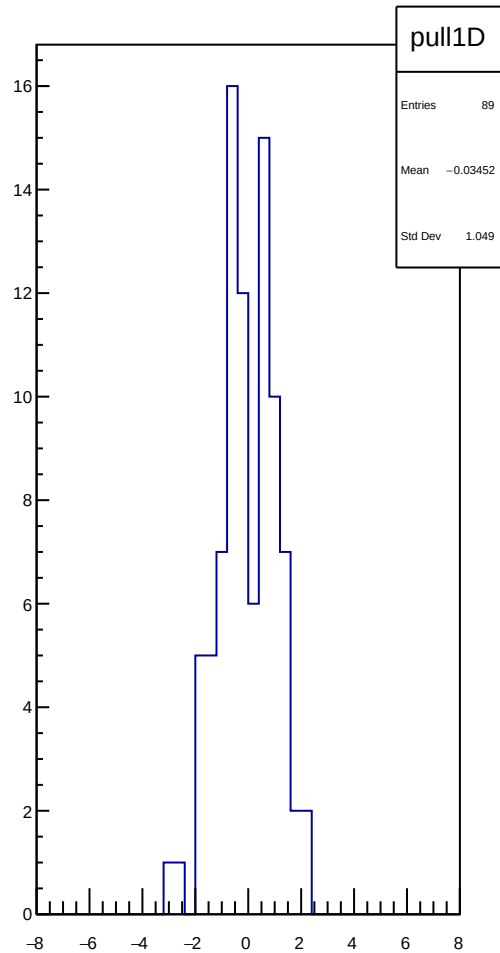
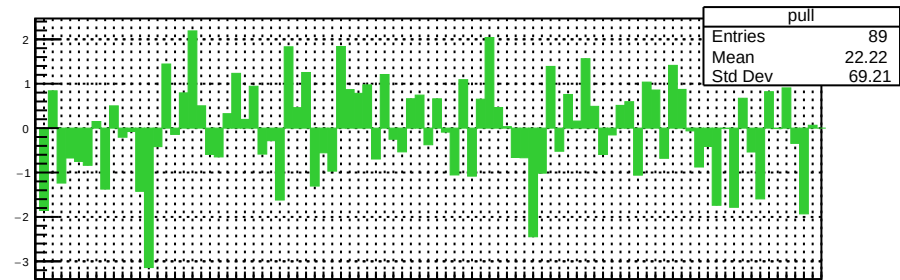
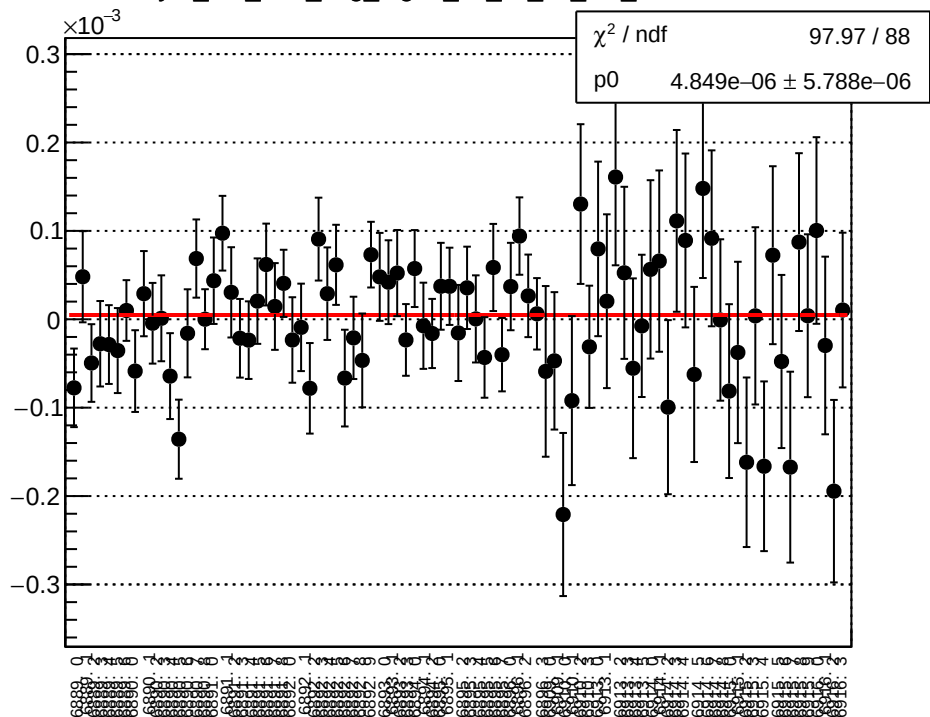
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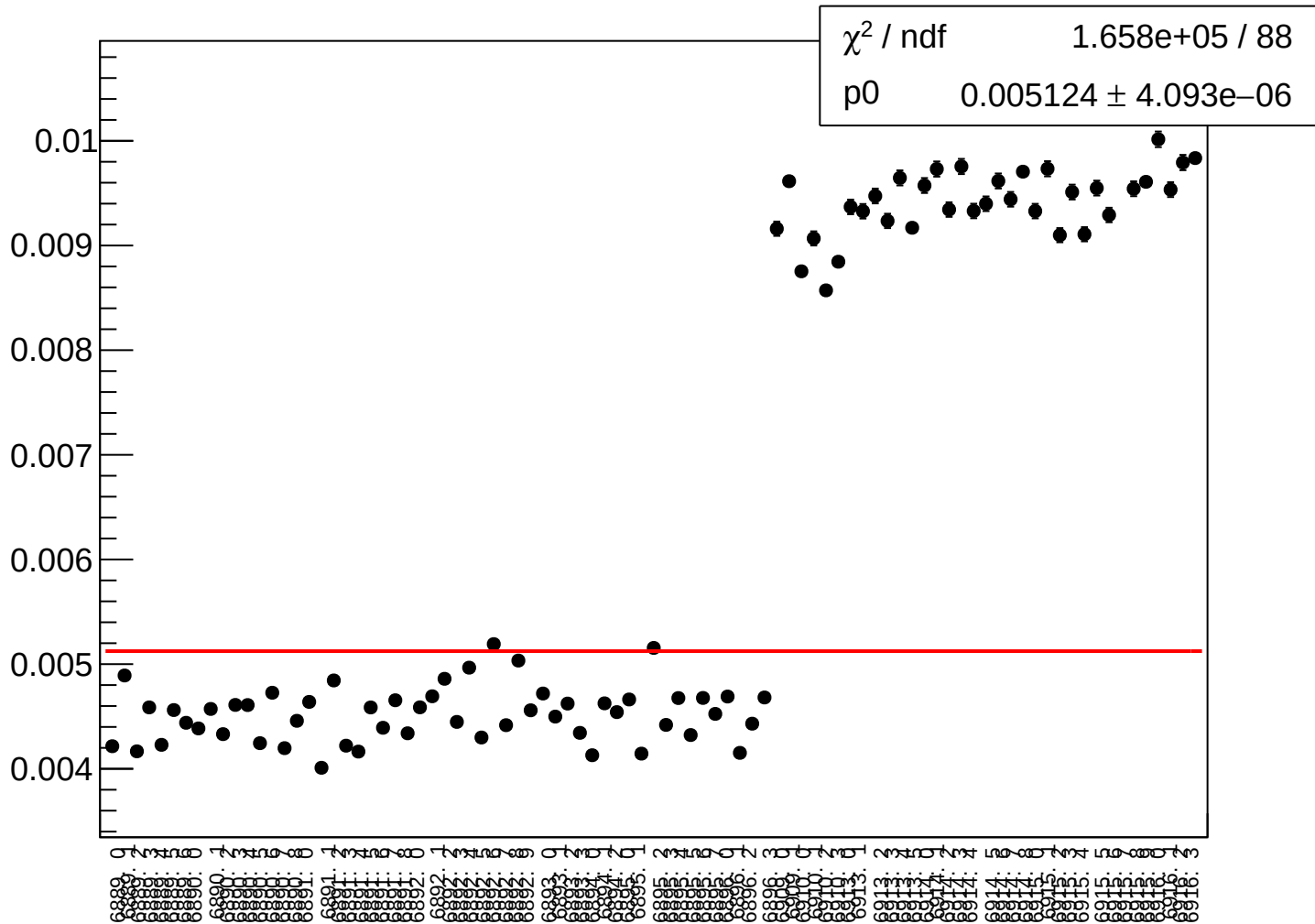
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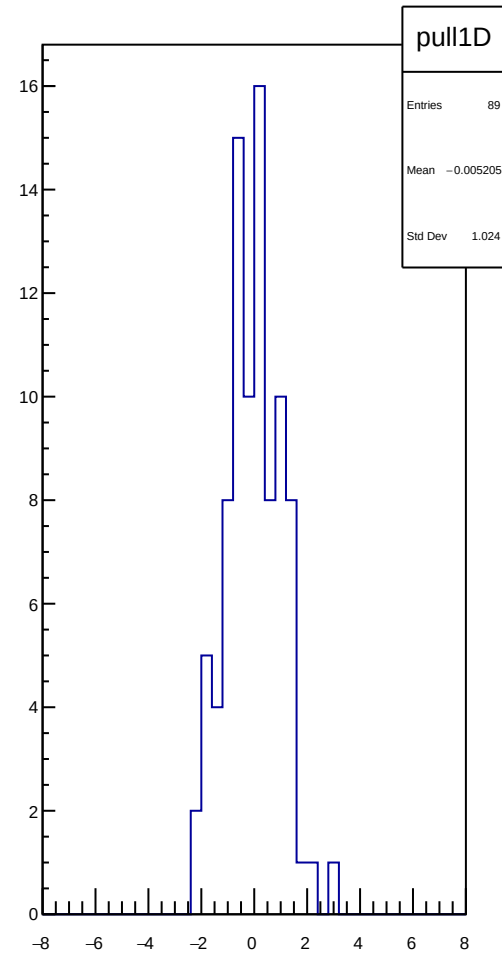
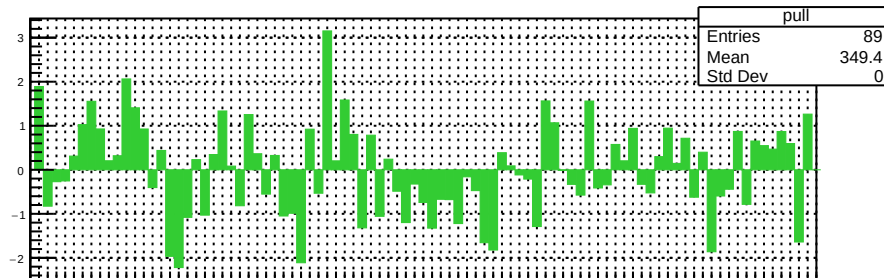
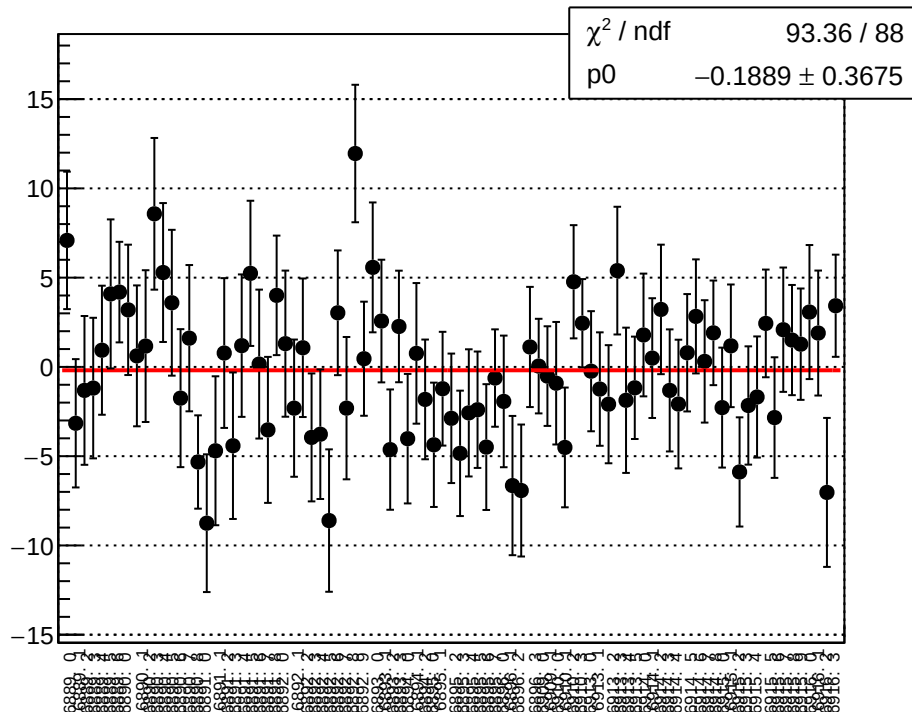
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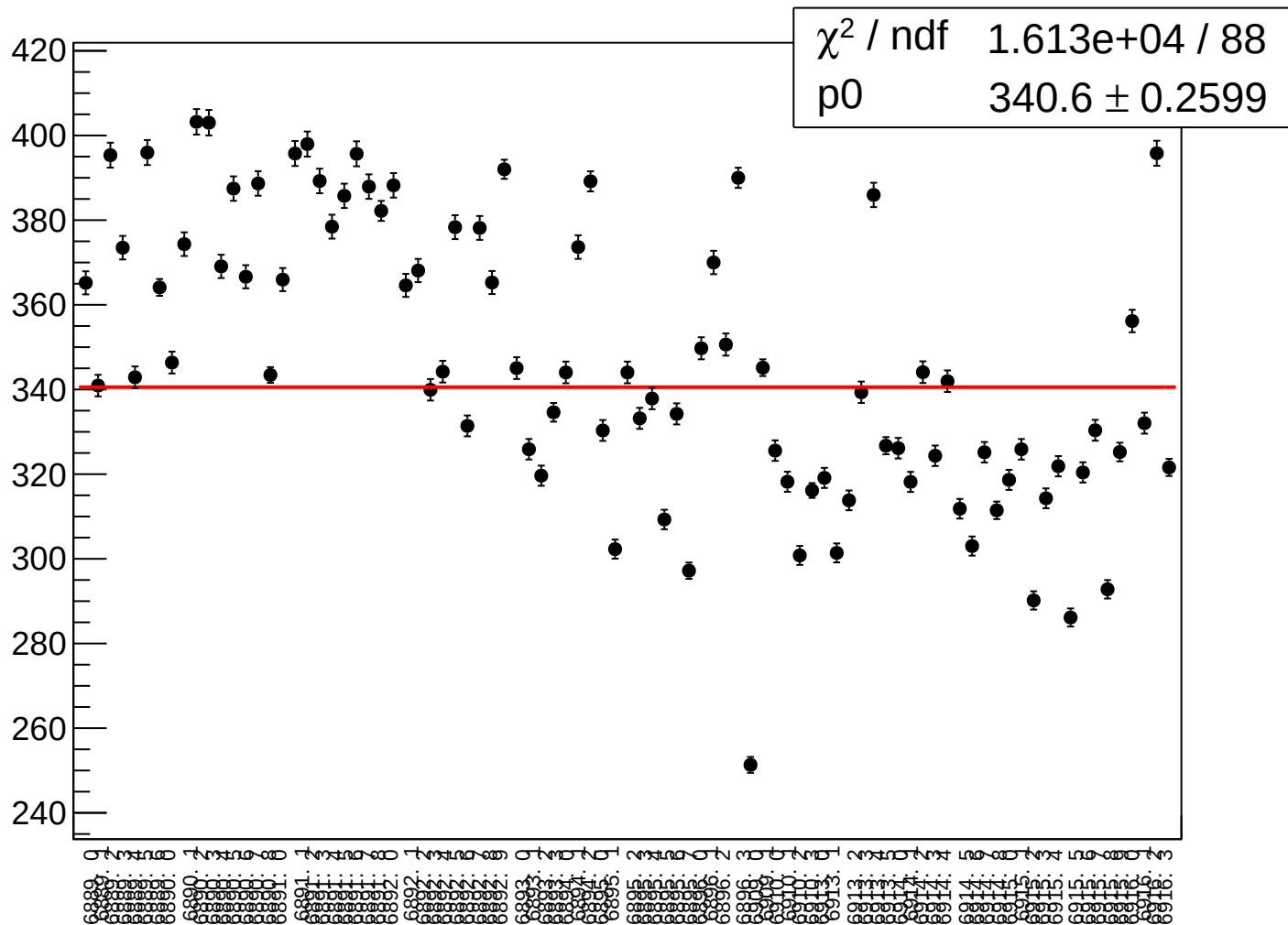
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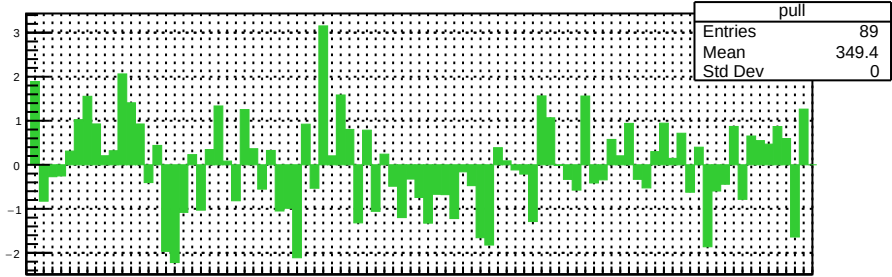
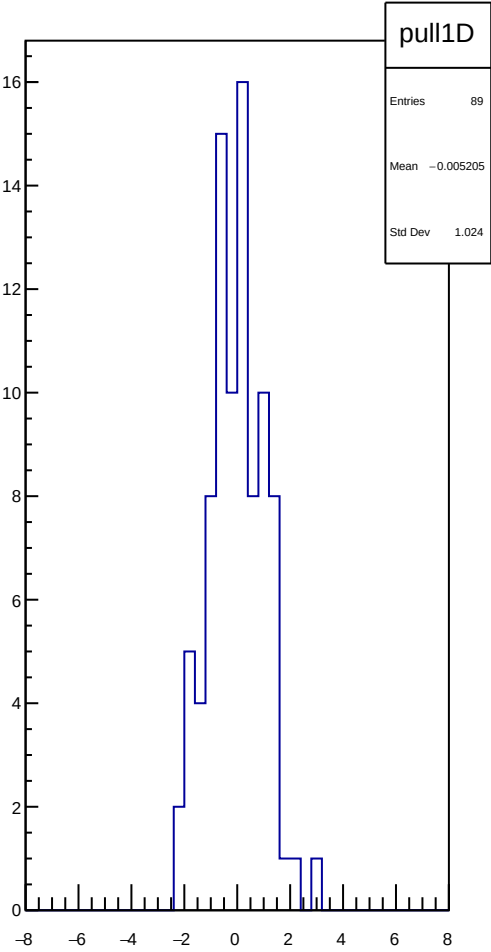
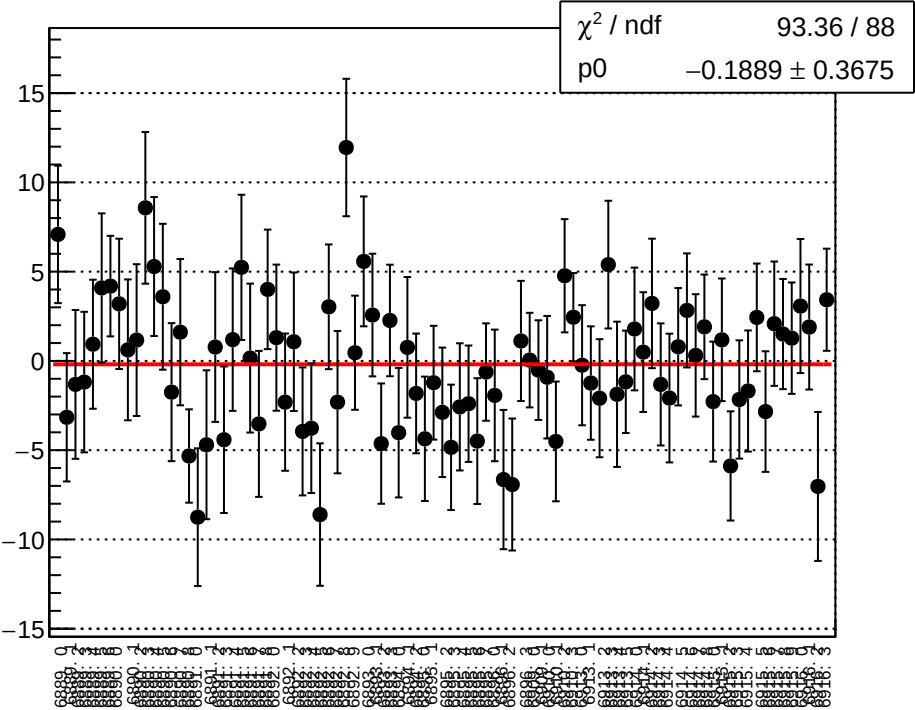
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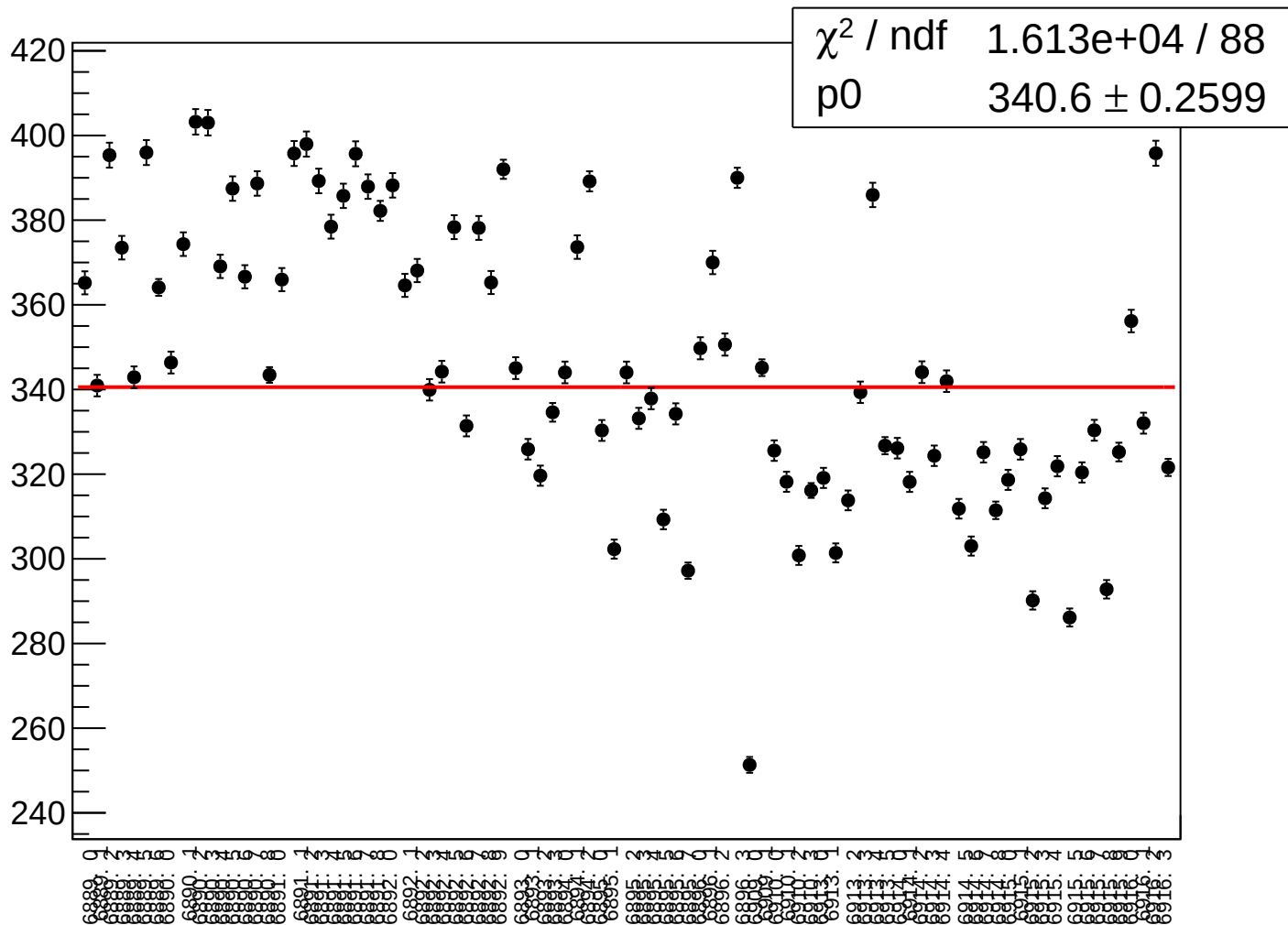
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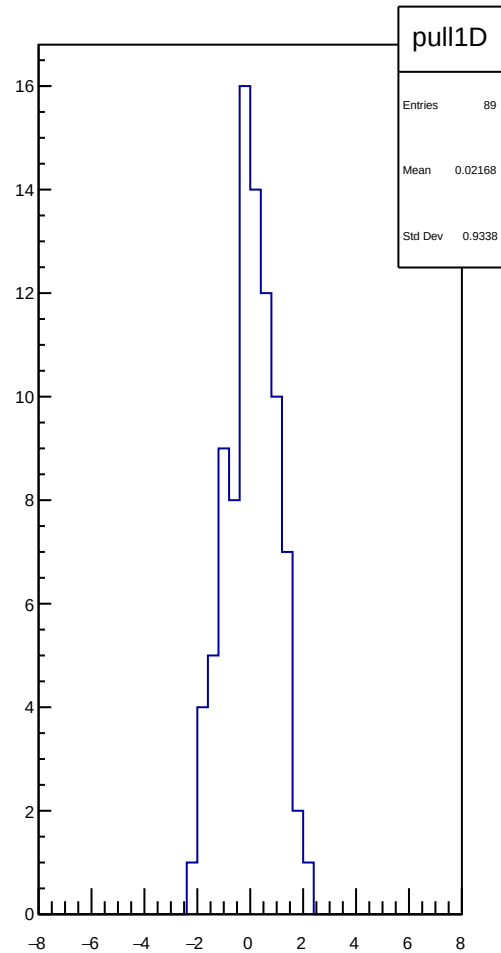
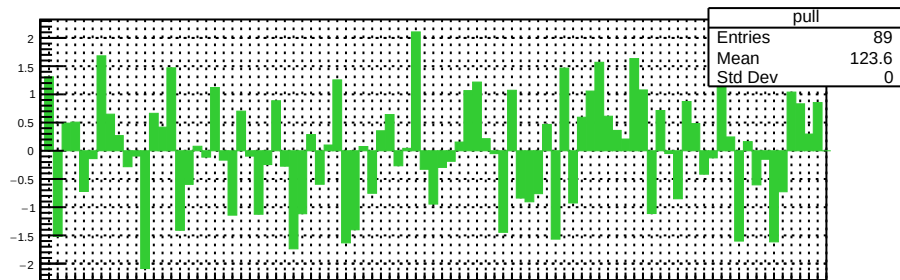
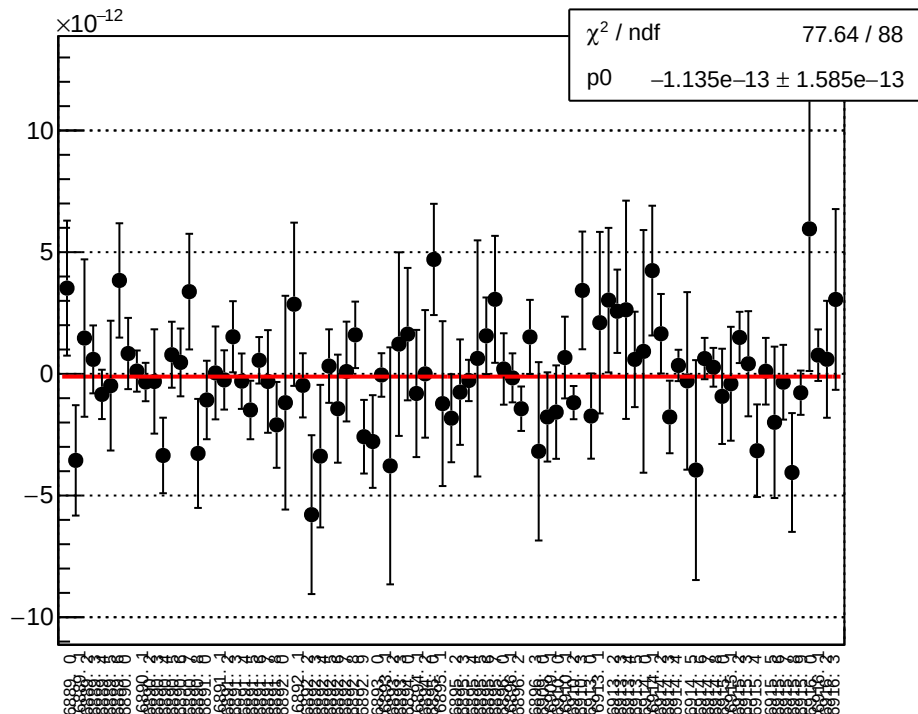
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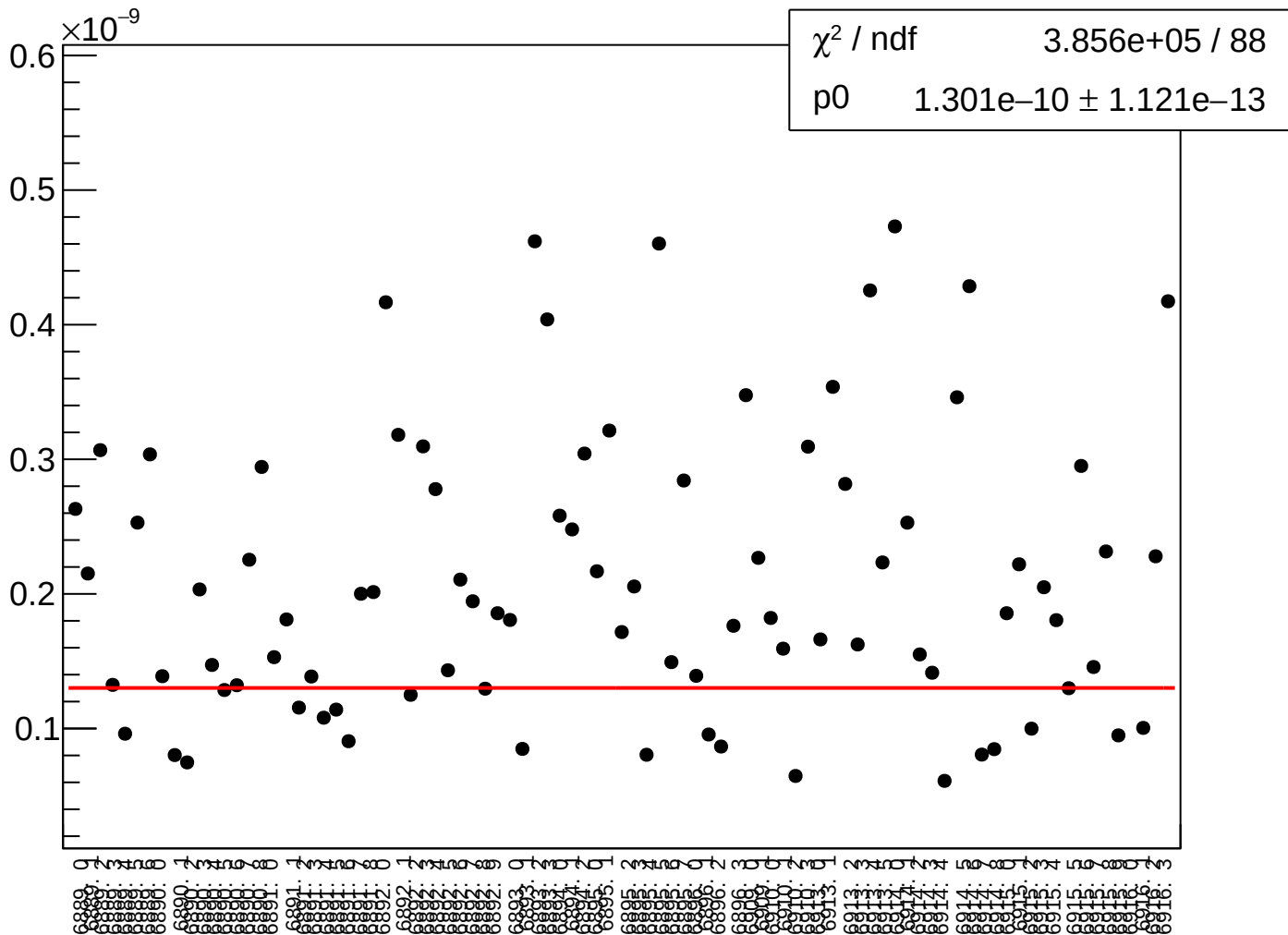
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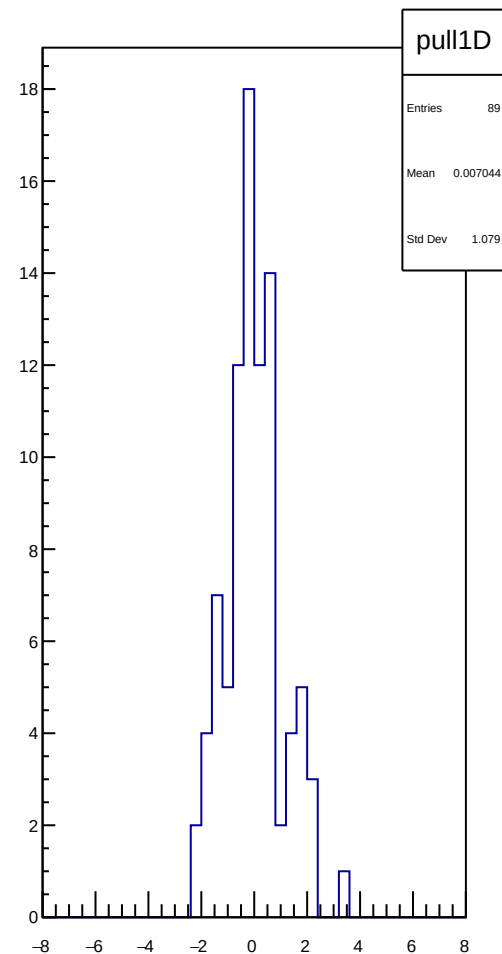
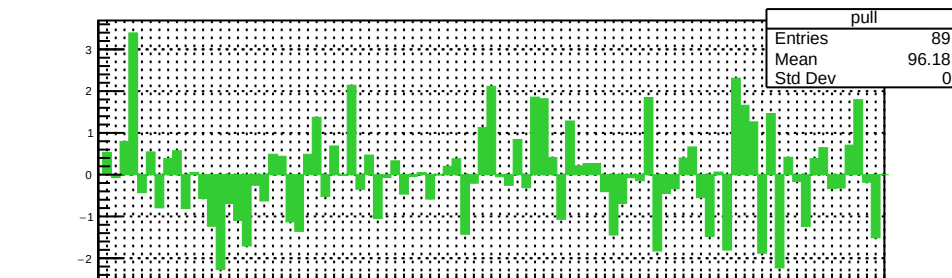
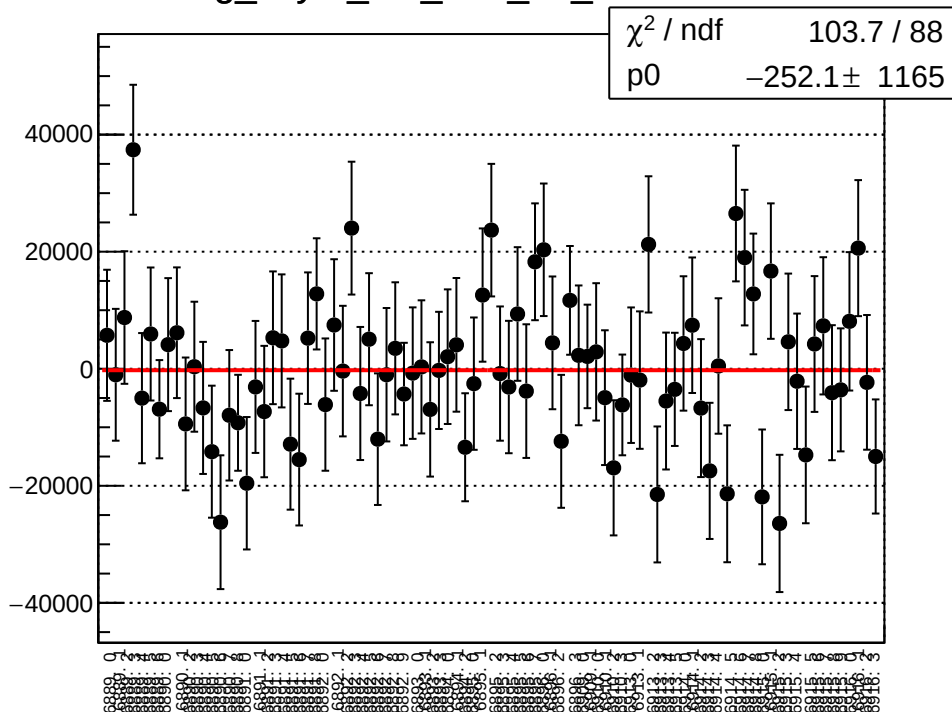
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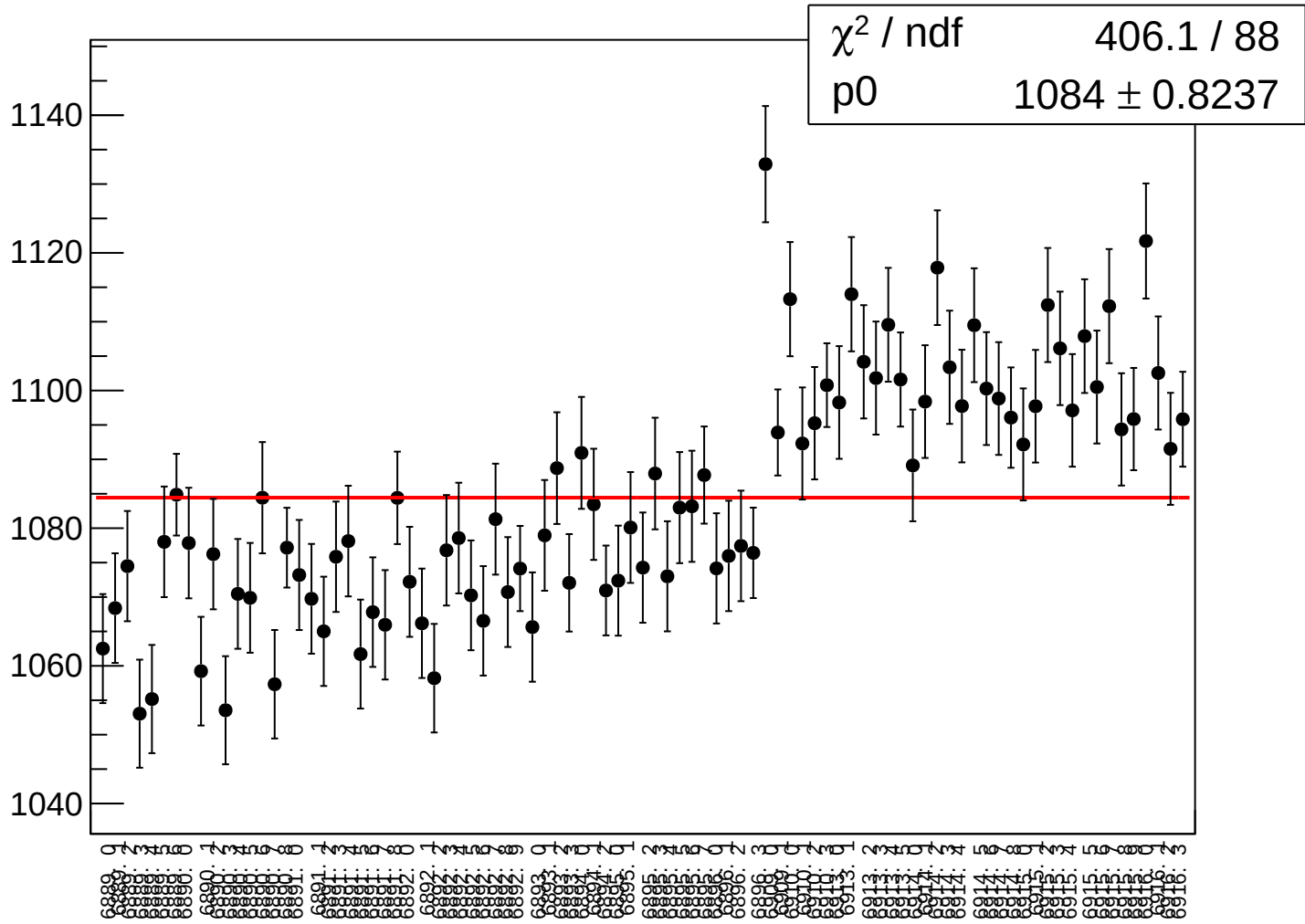
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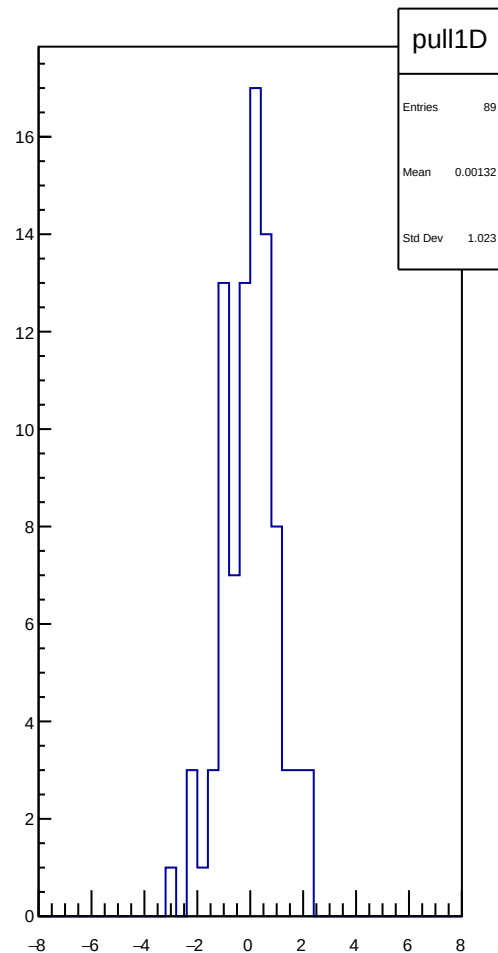
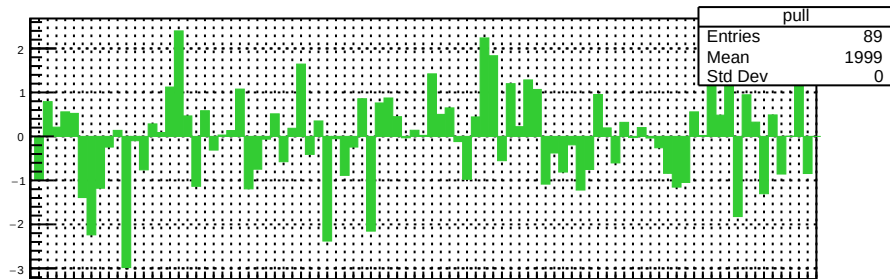
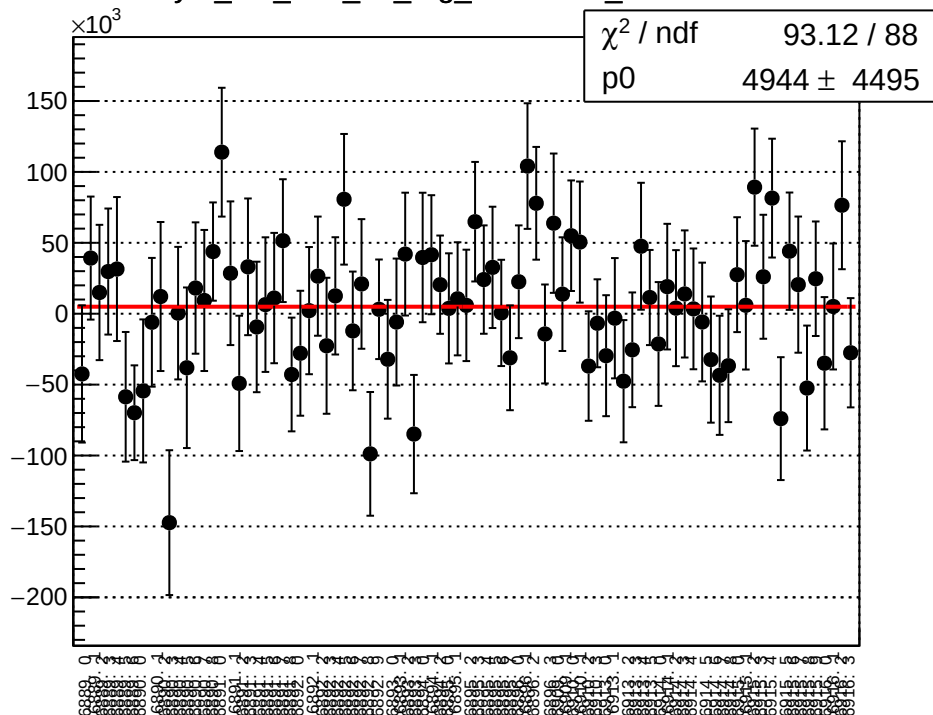
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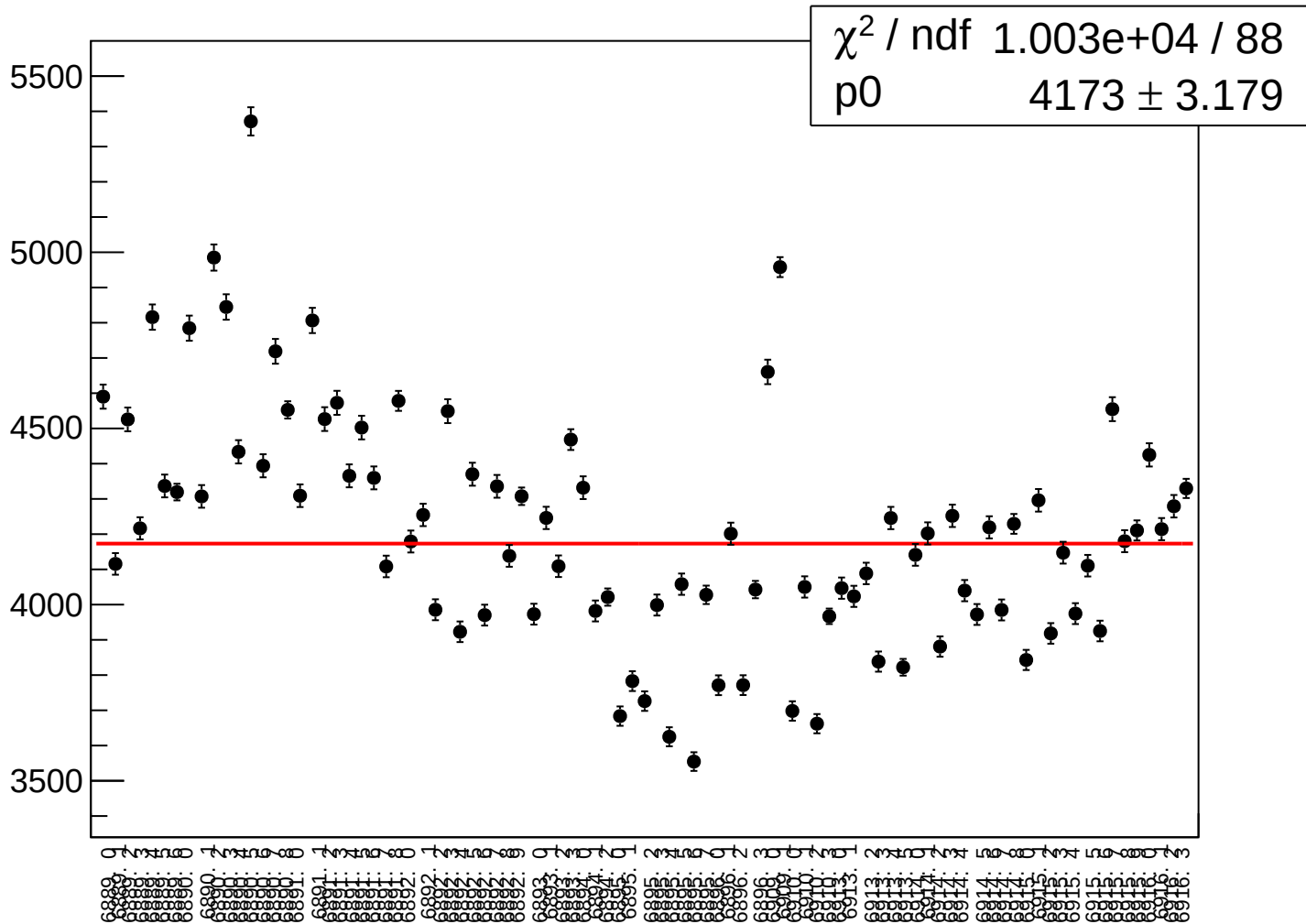
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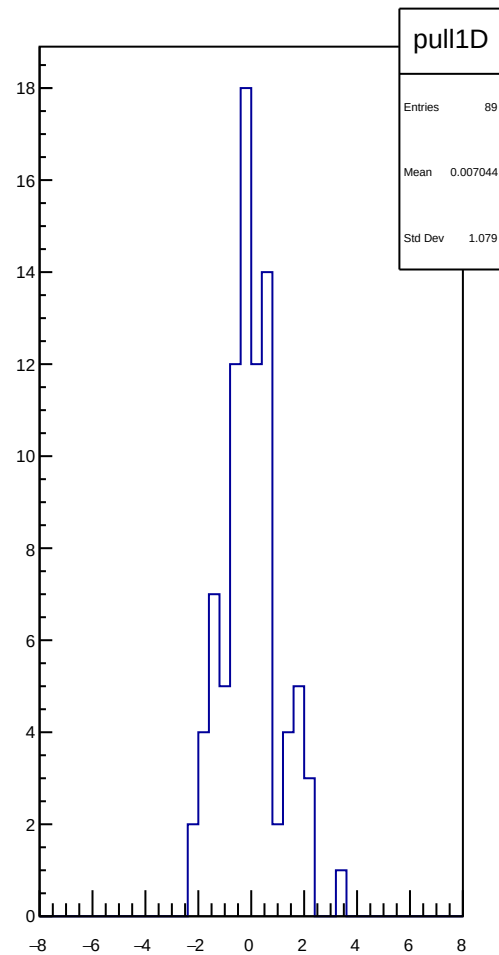
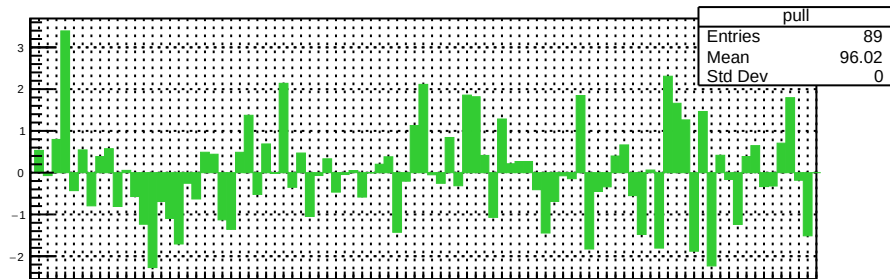
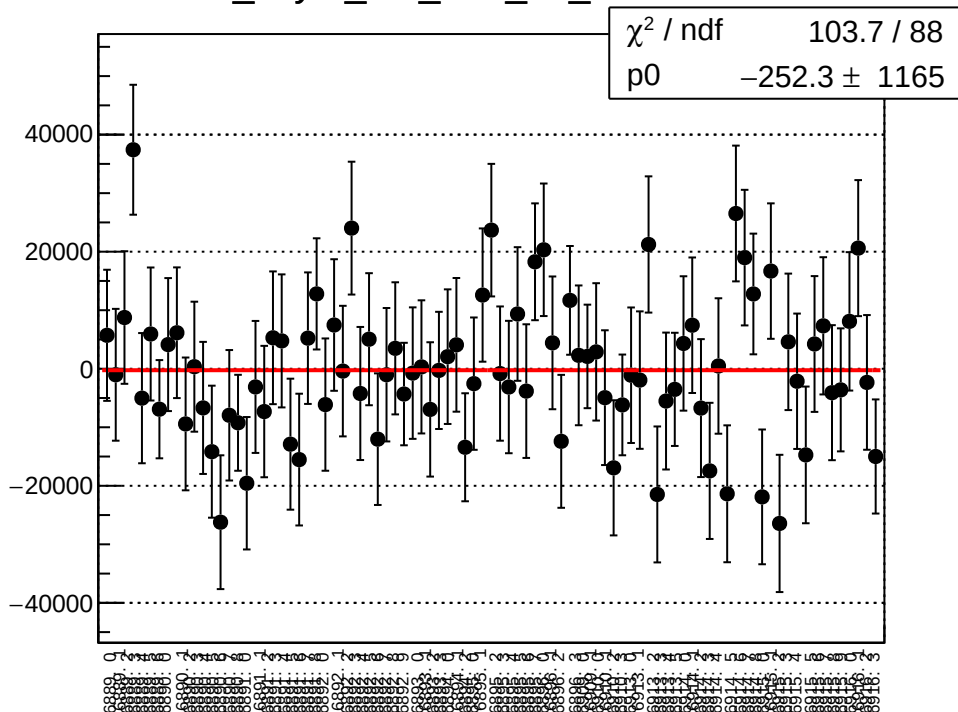
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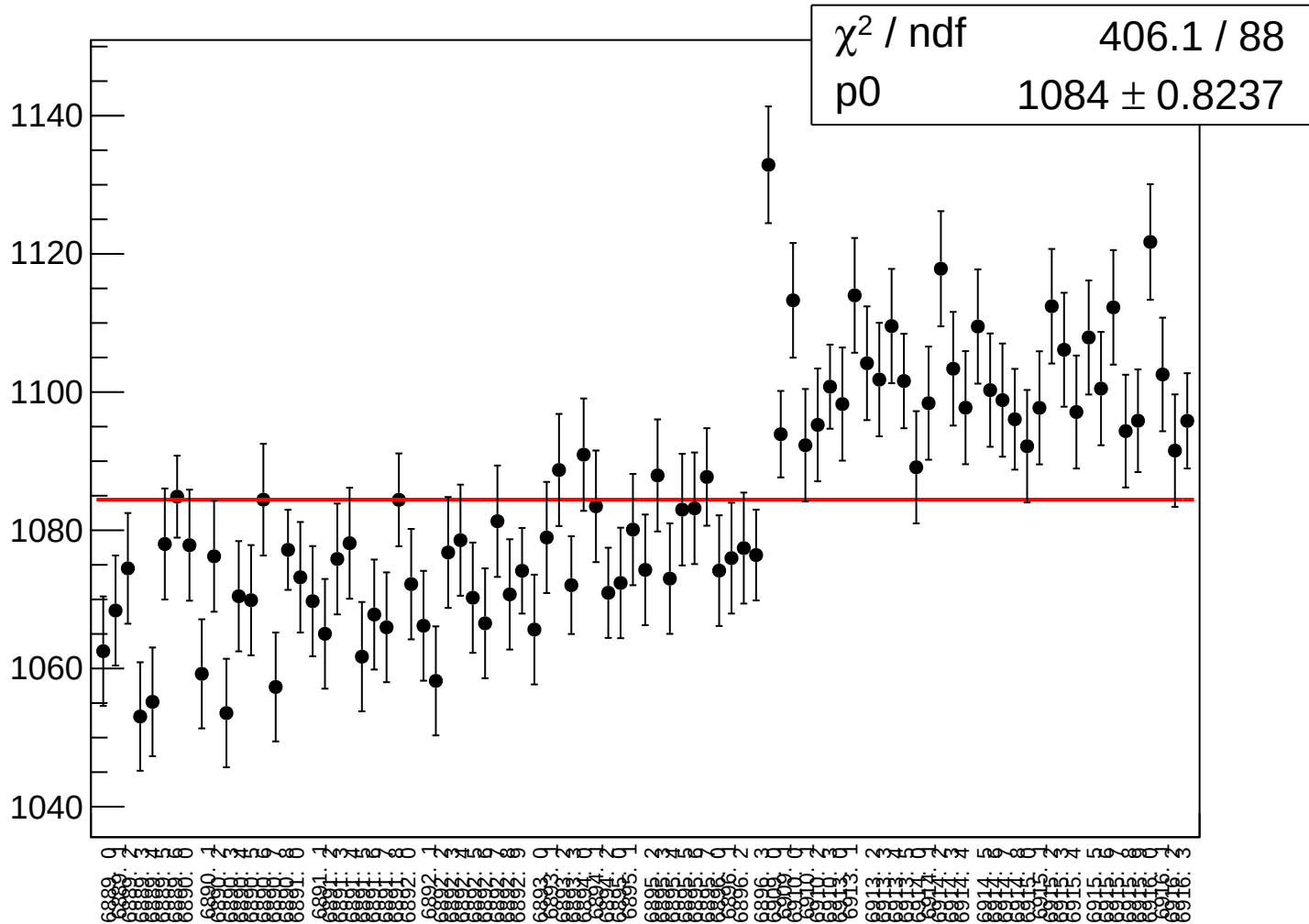
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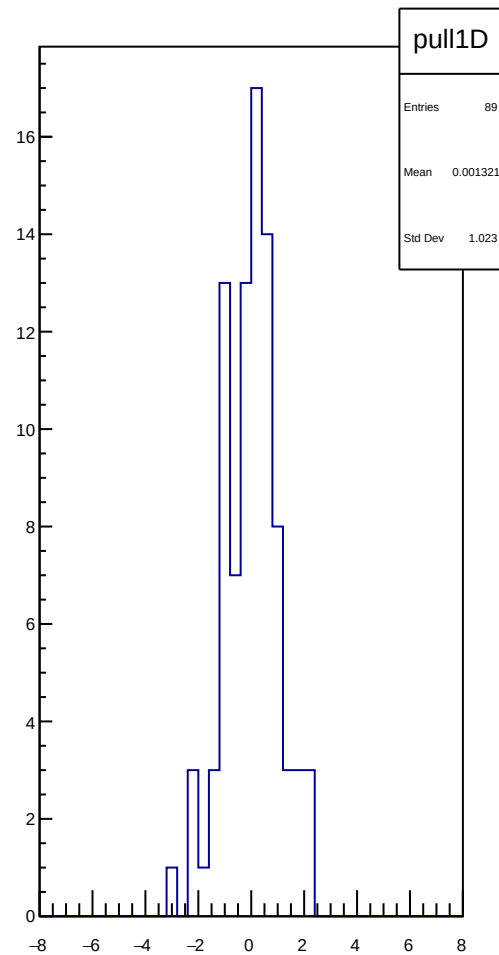
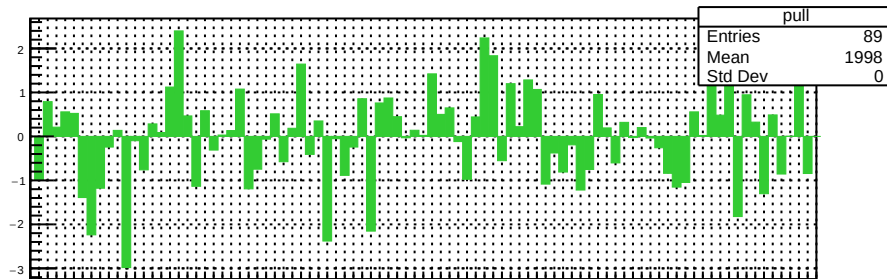
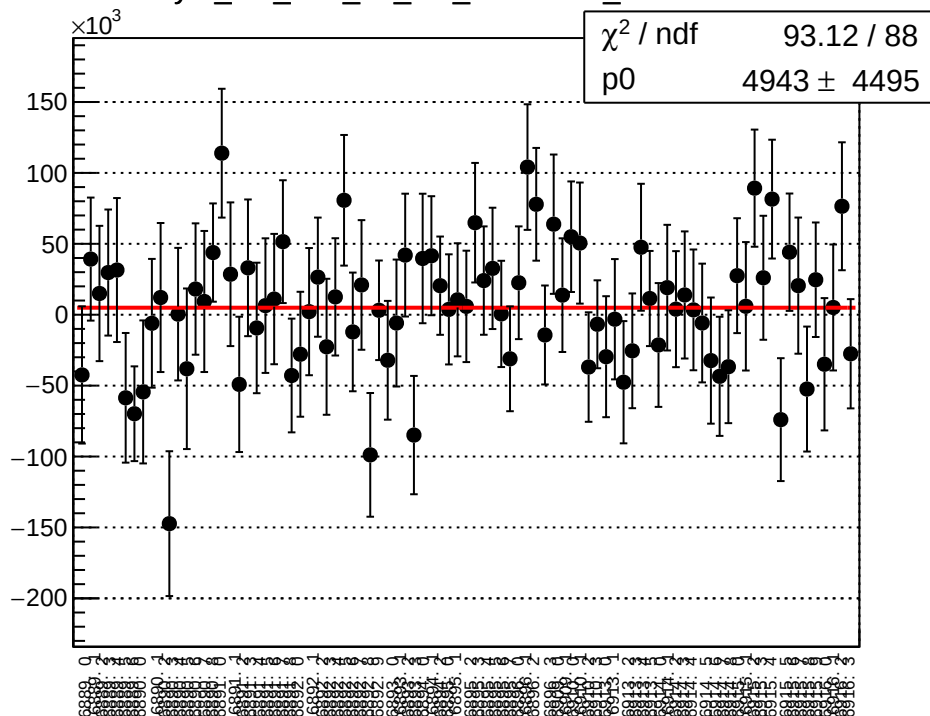
cor_asym_usr_atr2_dd_mean vs run



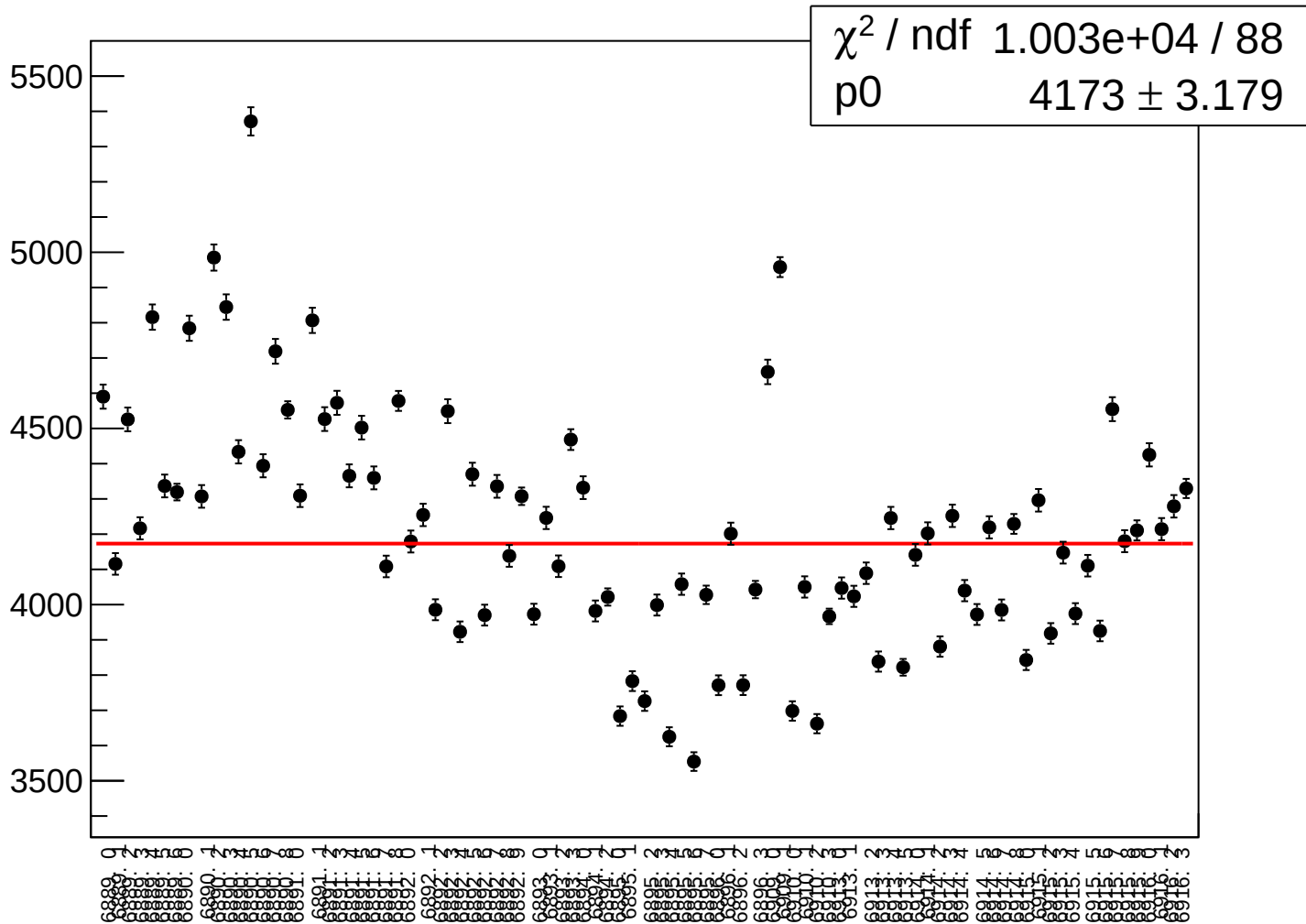
cor_asym_usr_atr2_dd_rms vs run



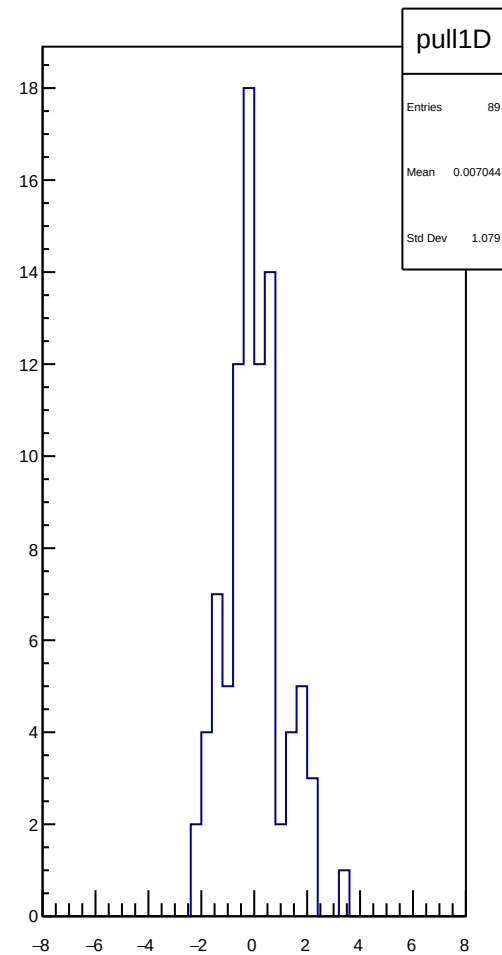
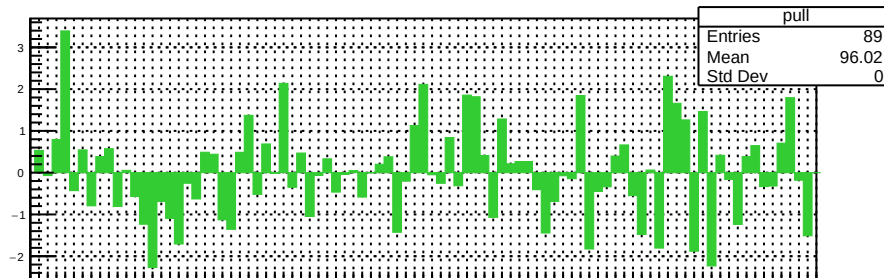
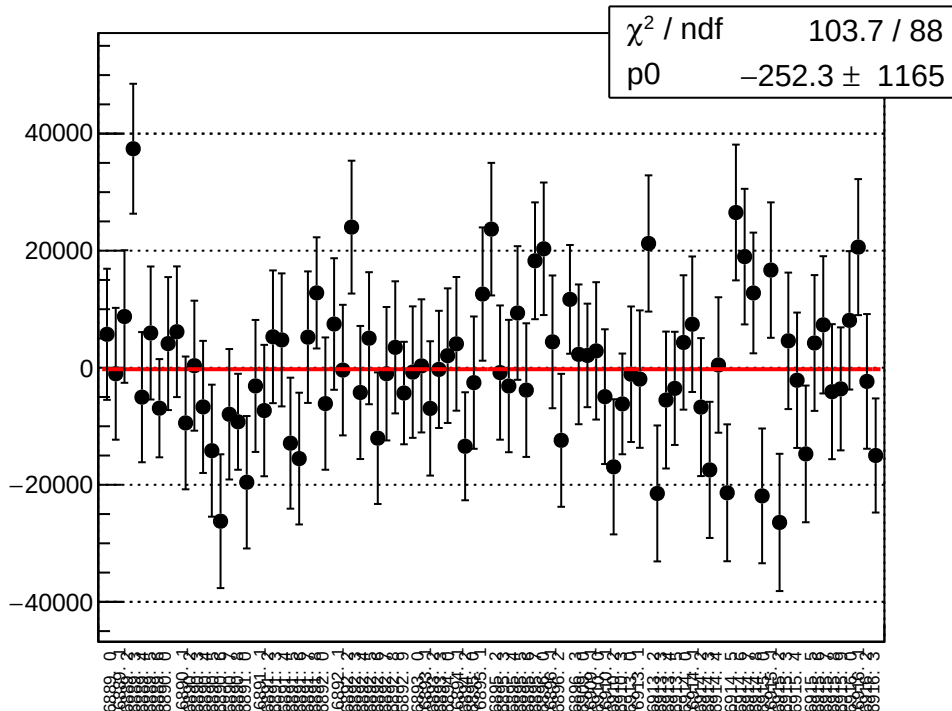
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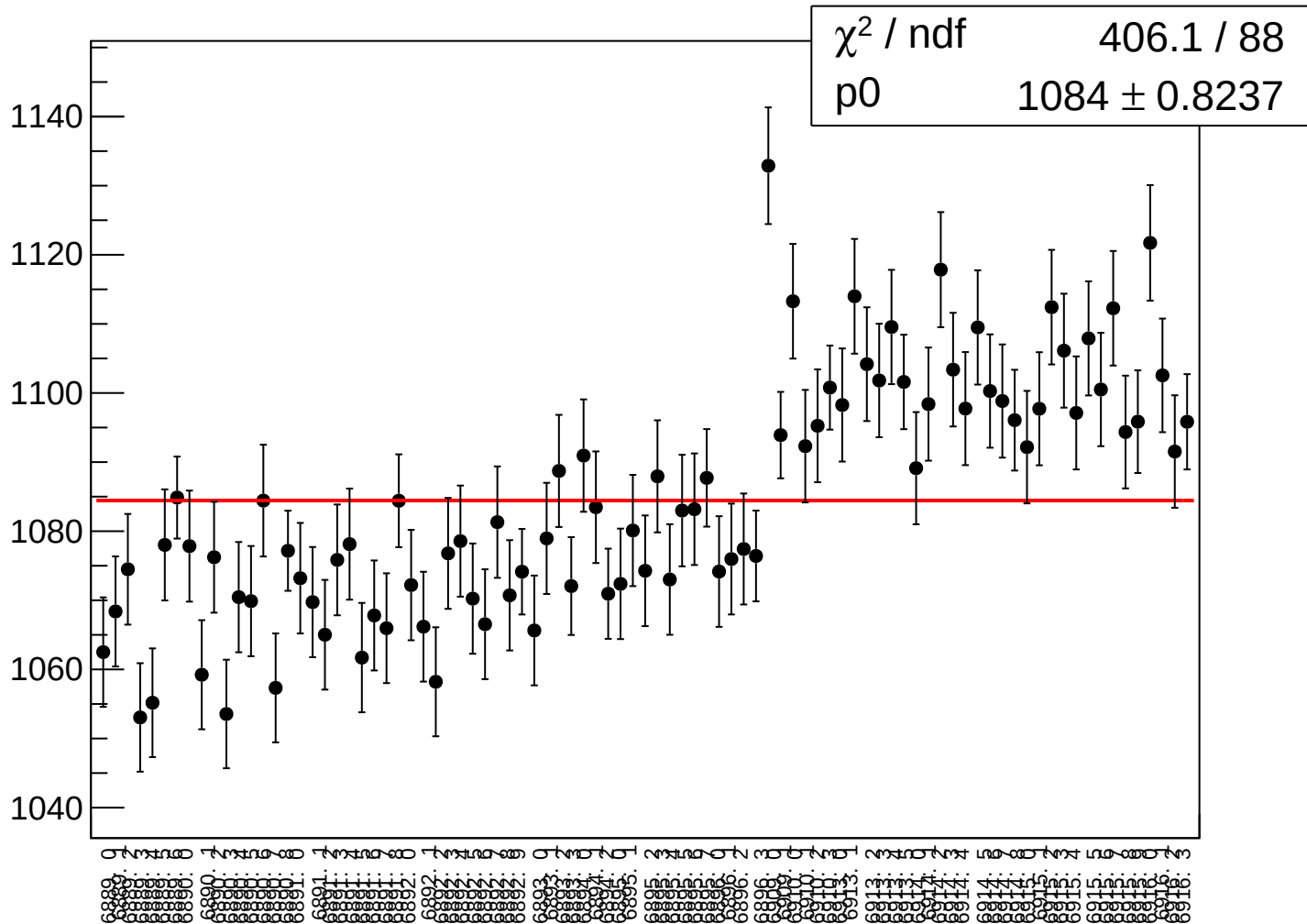
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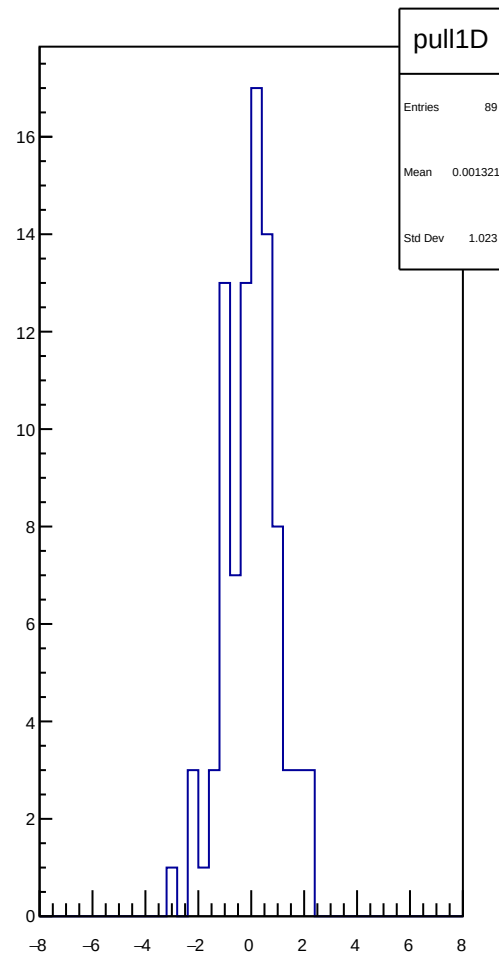
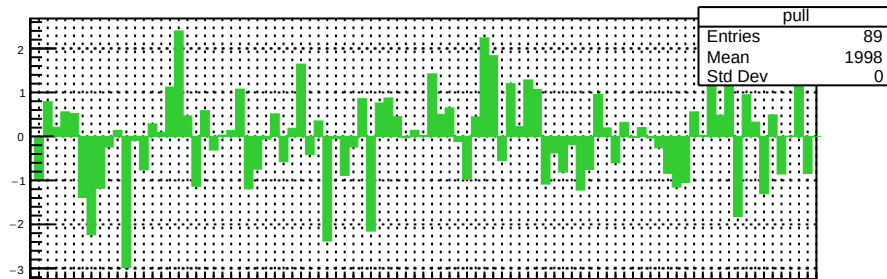
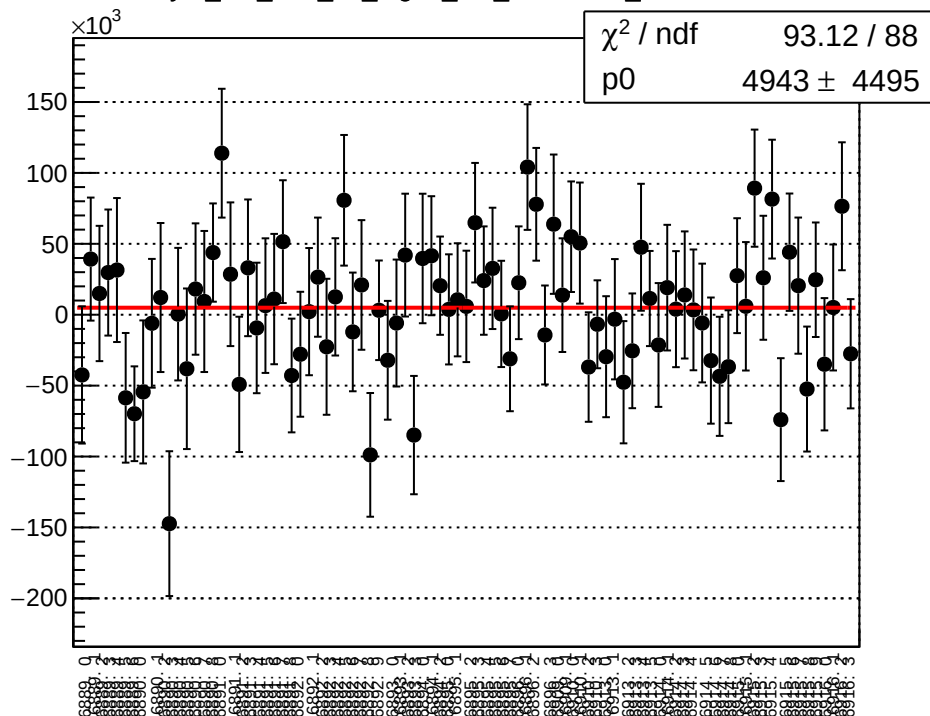
eigen_cor_asym_usr_atr2_dd_mean vs run



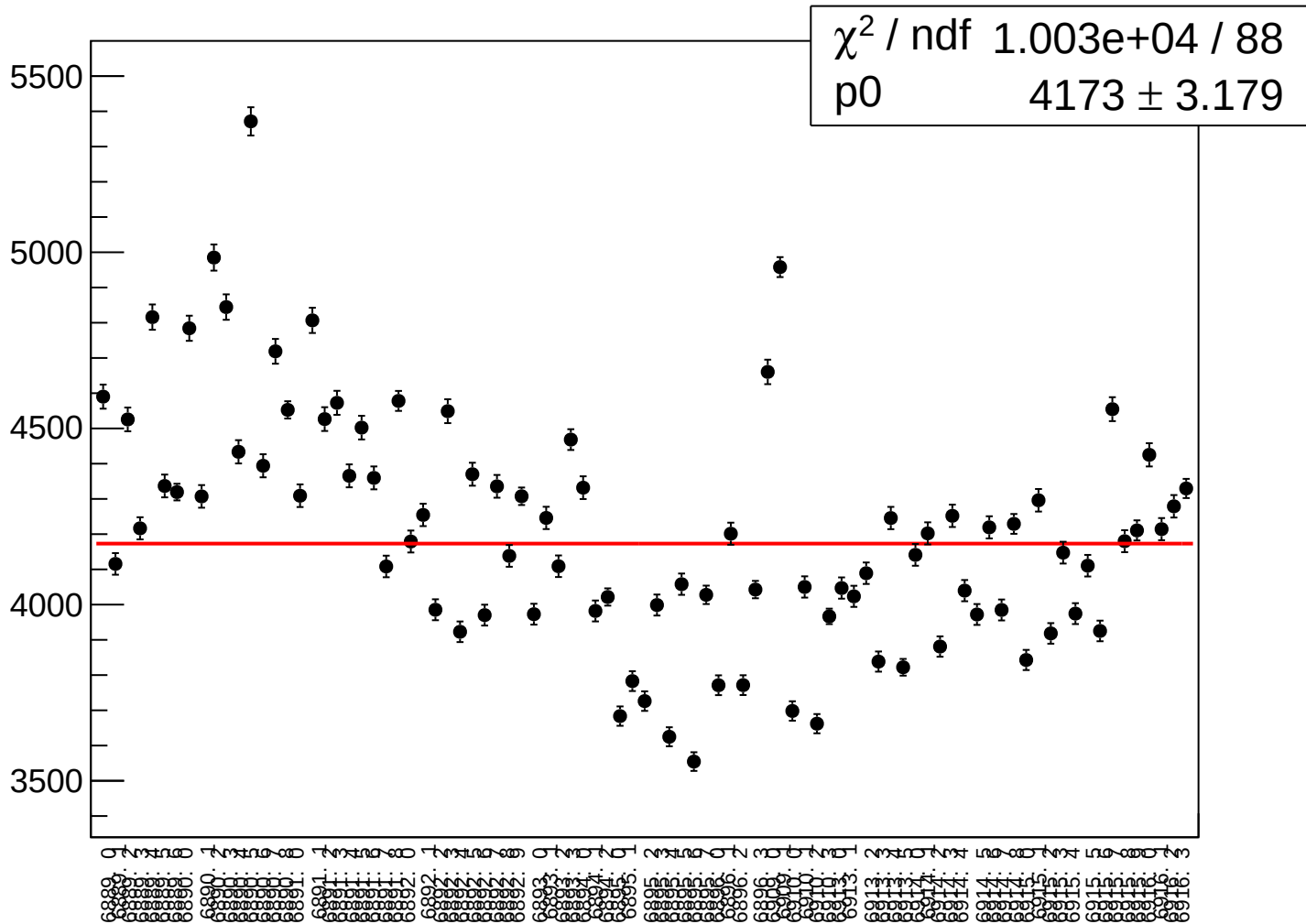
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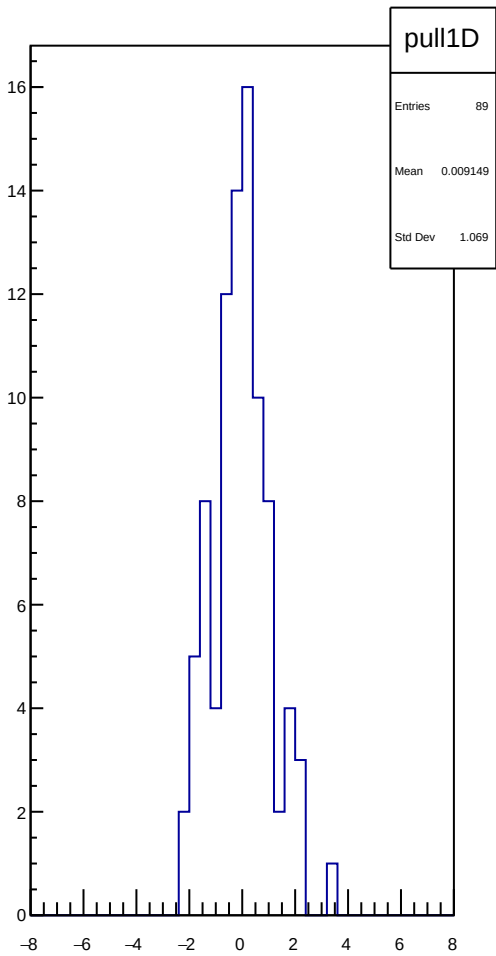
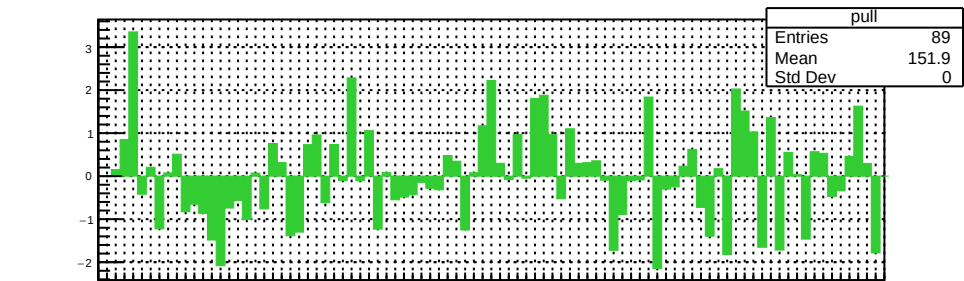
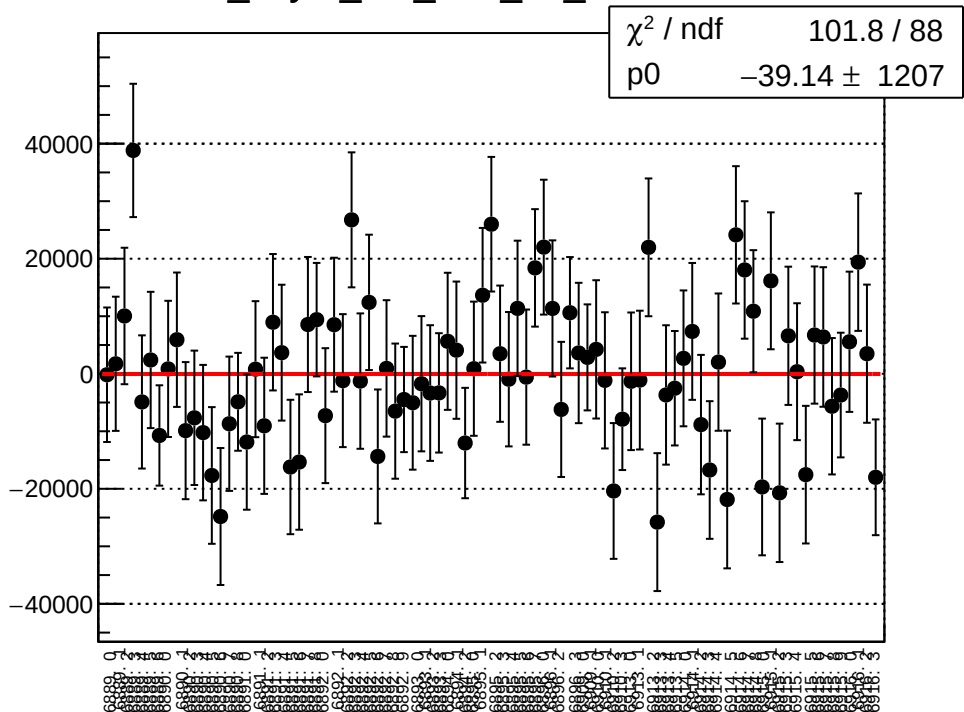
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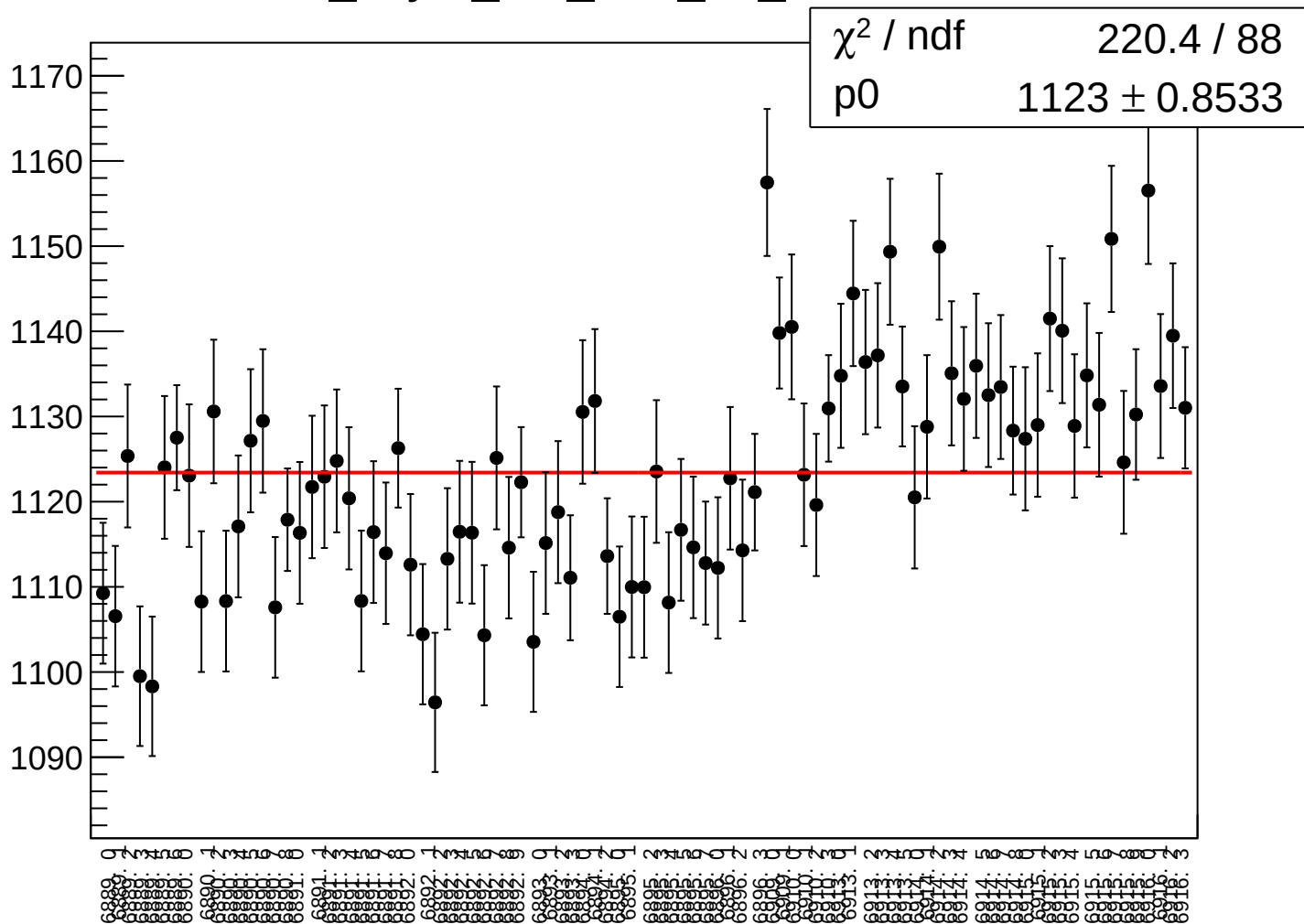
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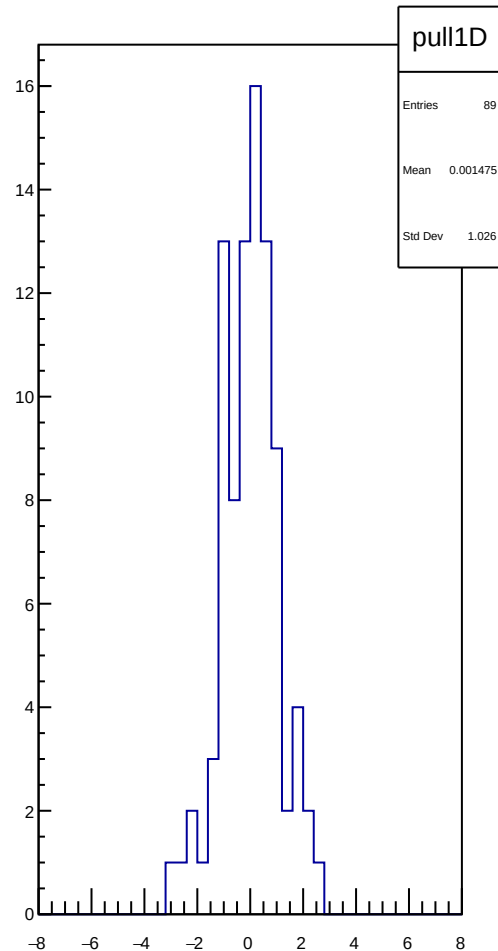
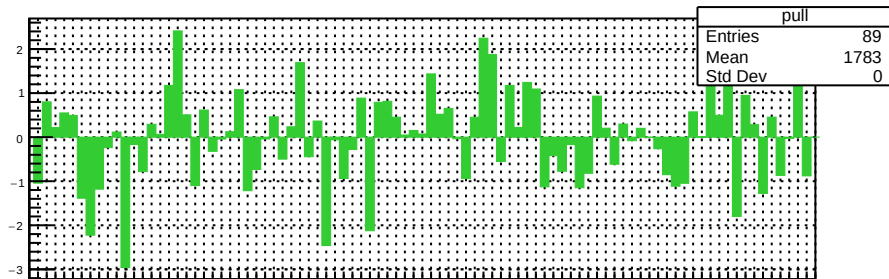
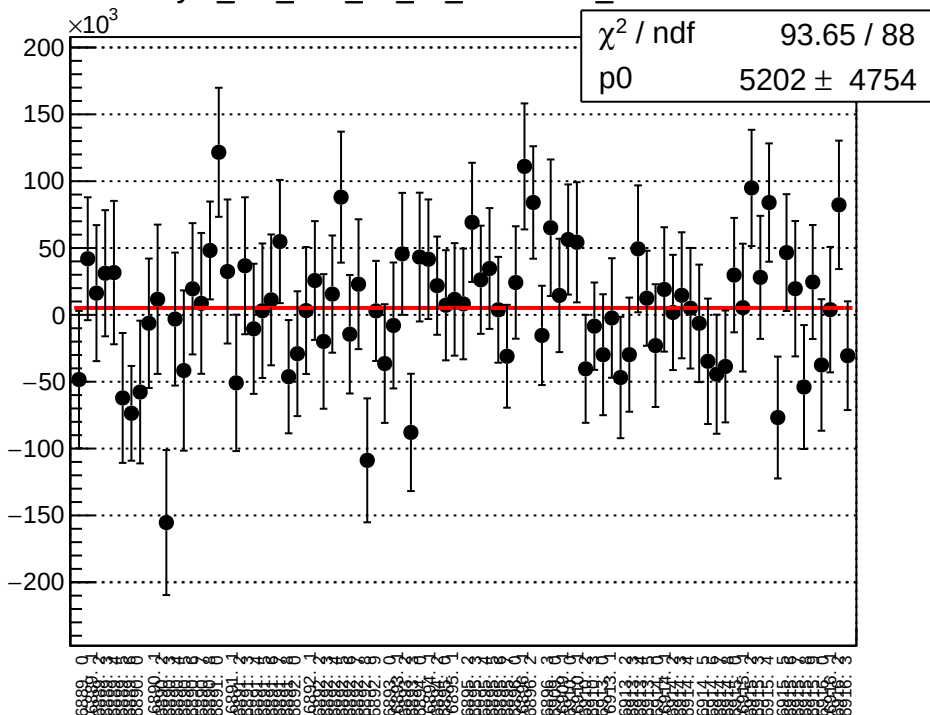
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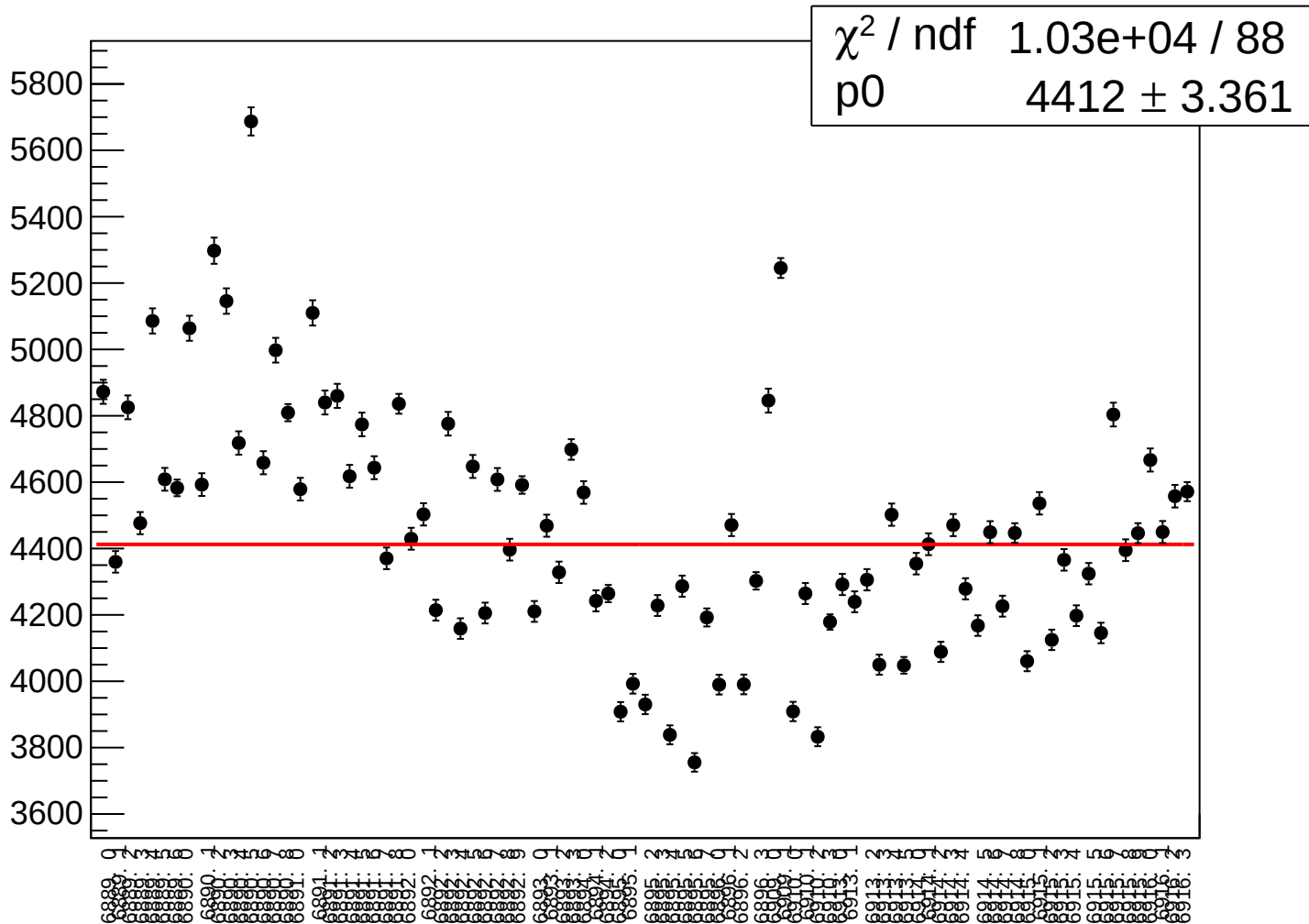
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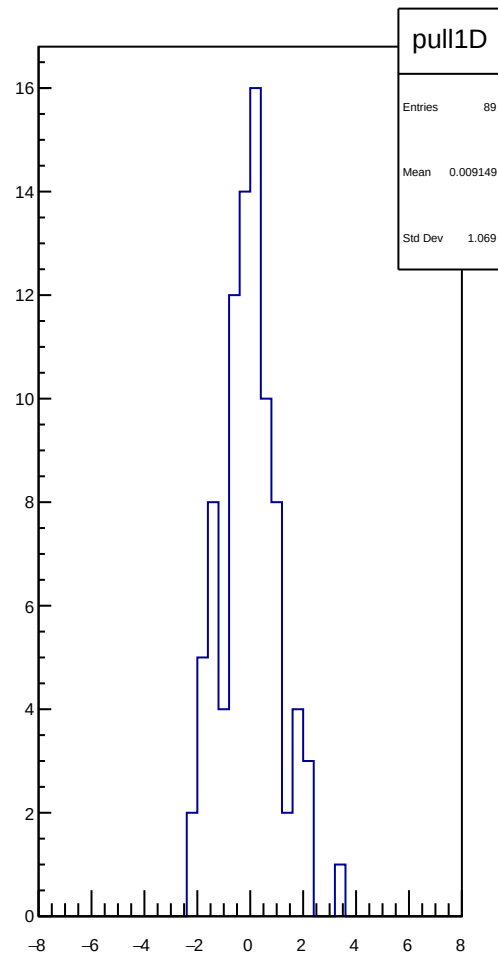
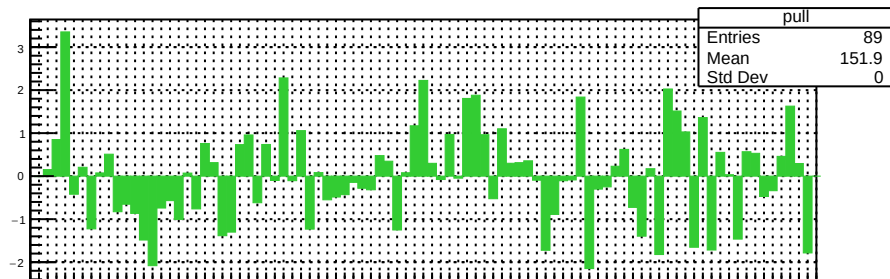
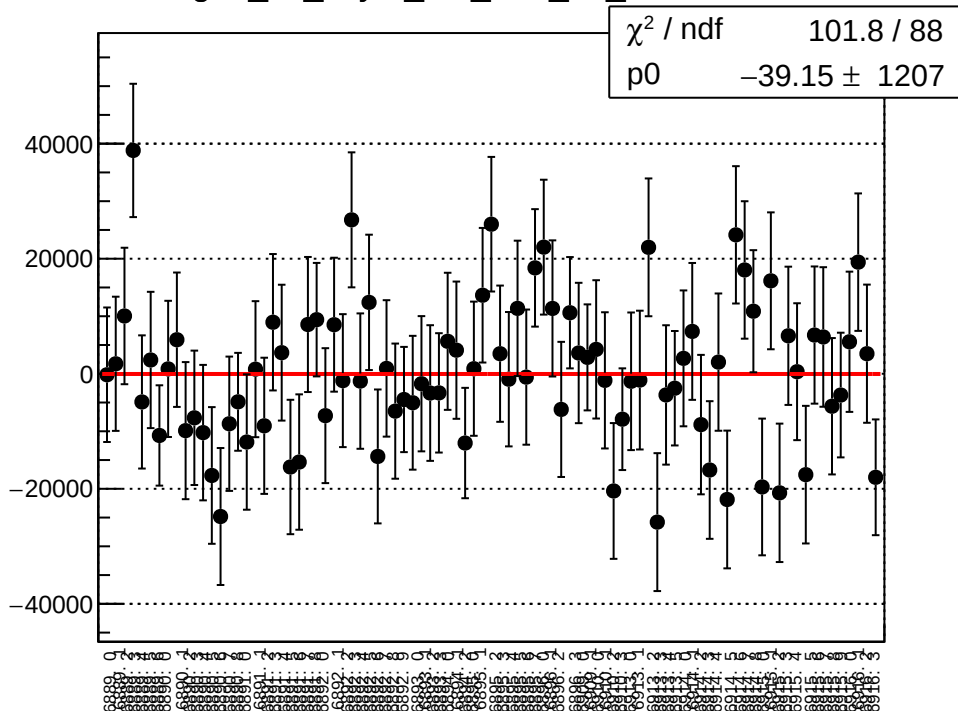
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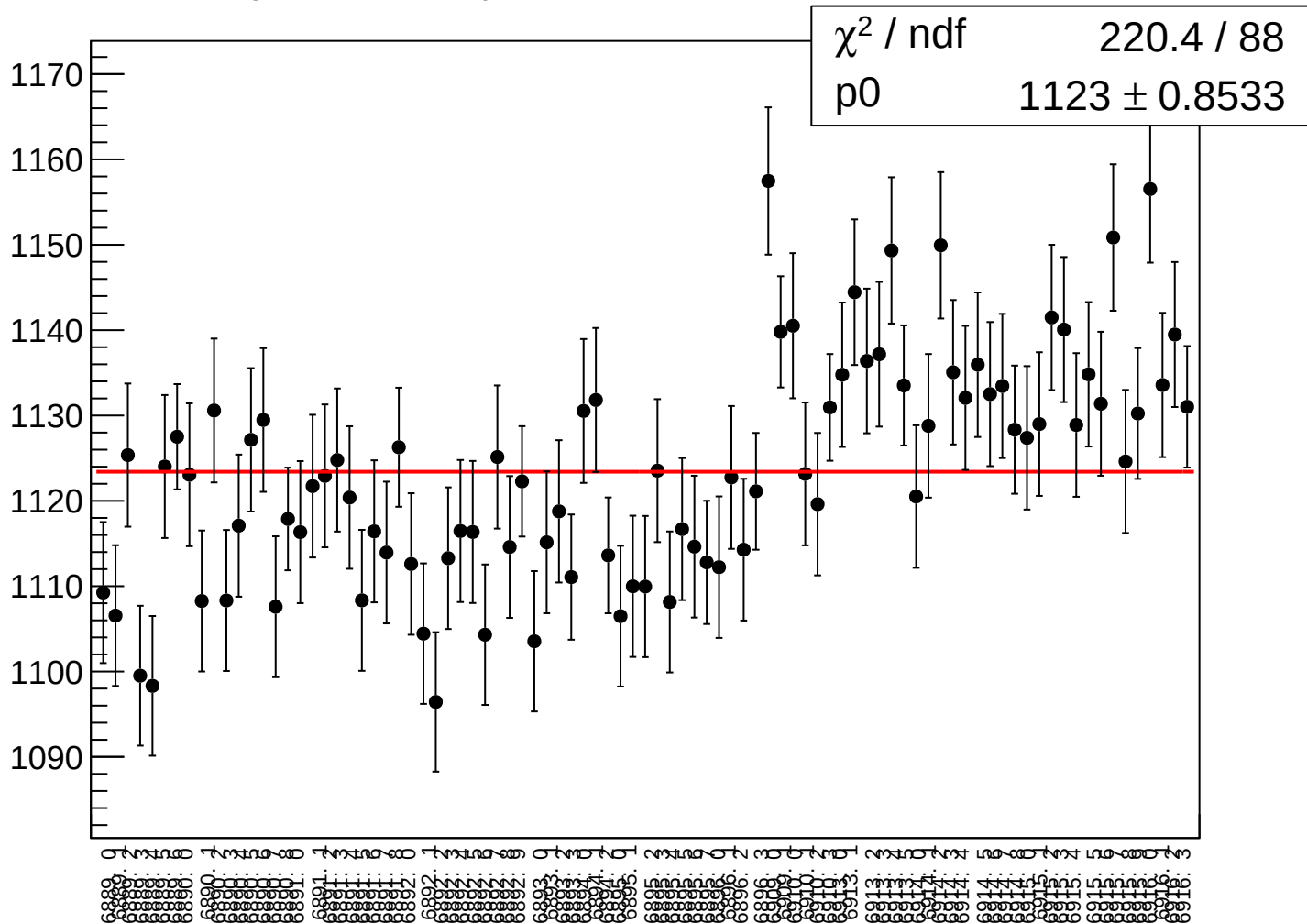
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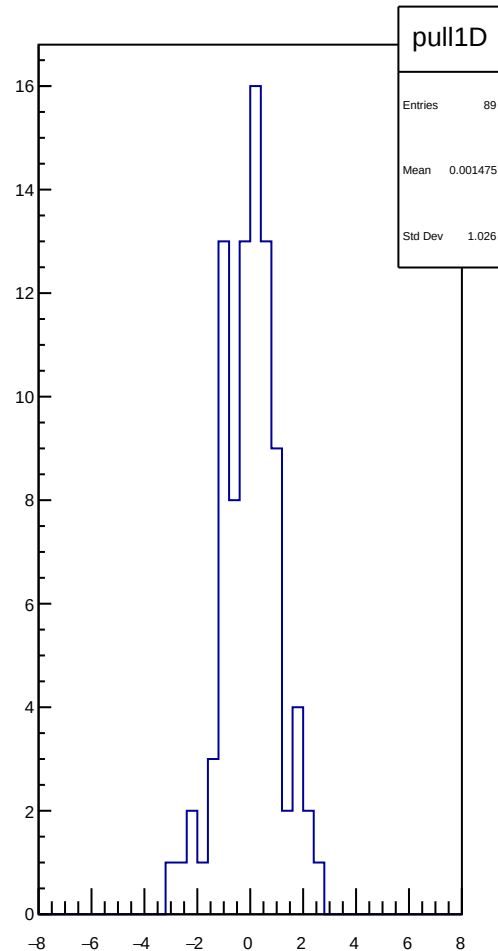
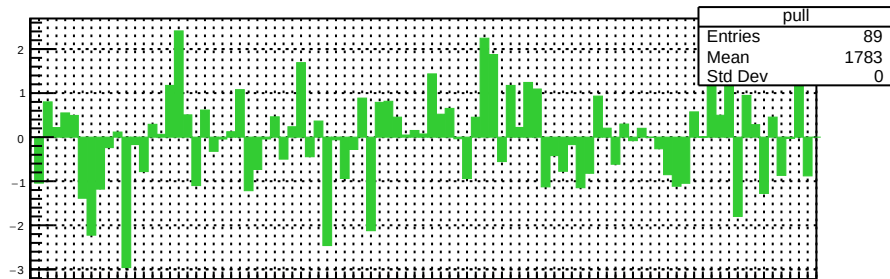
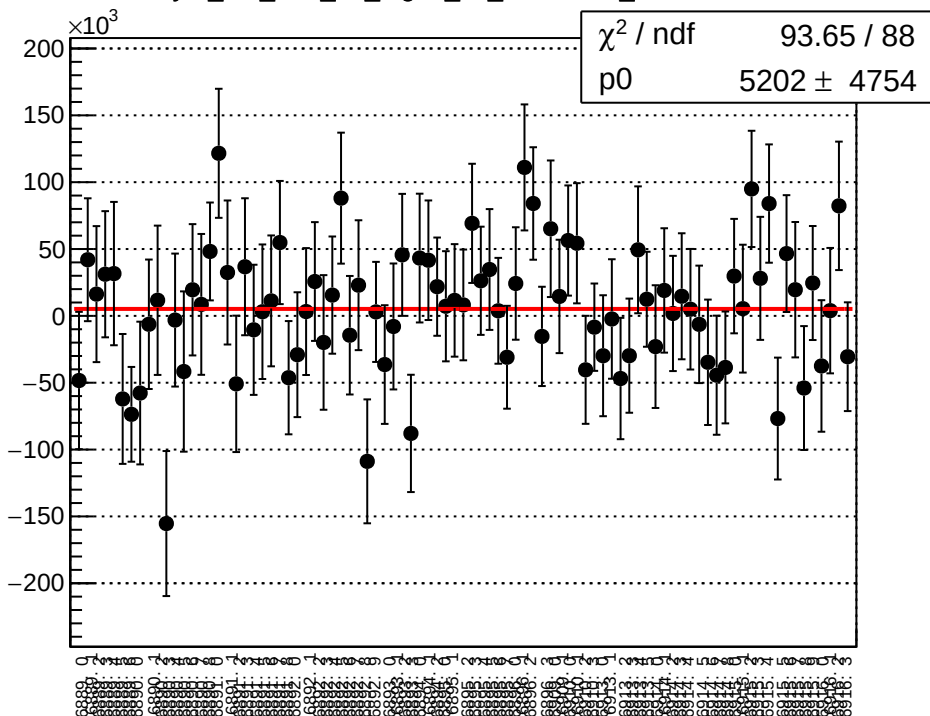
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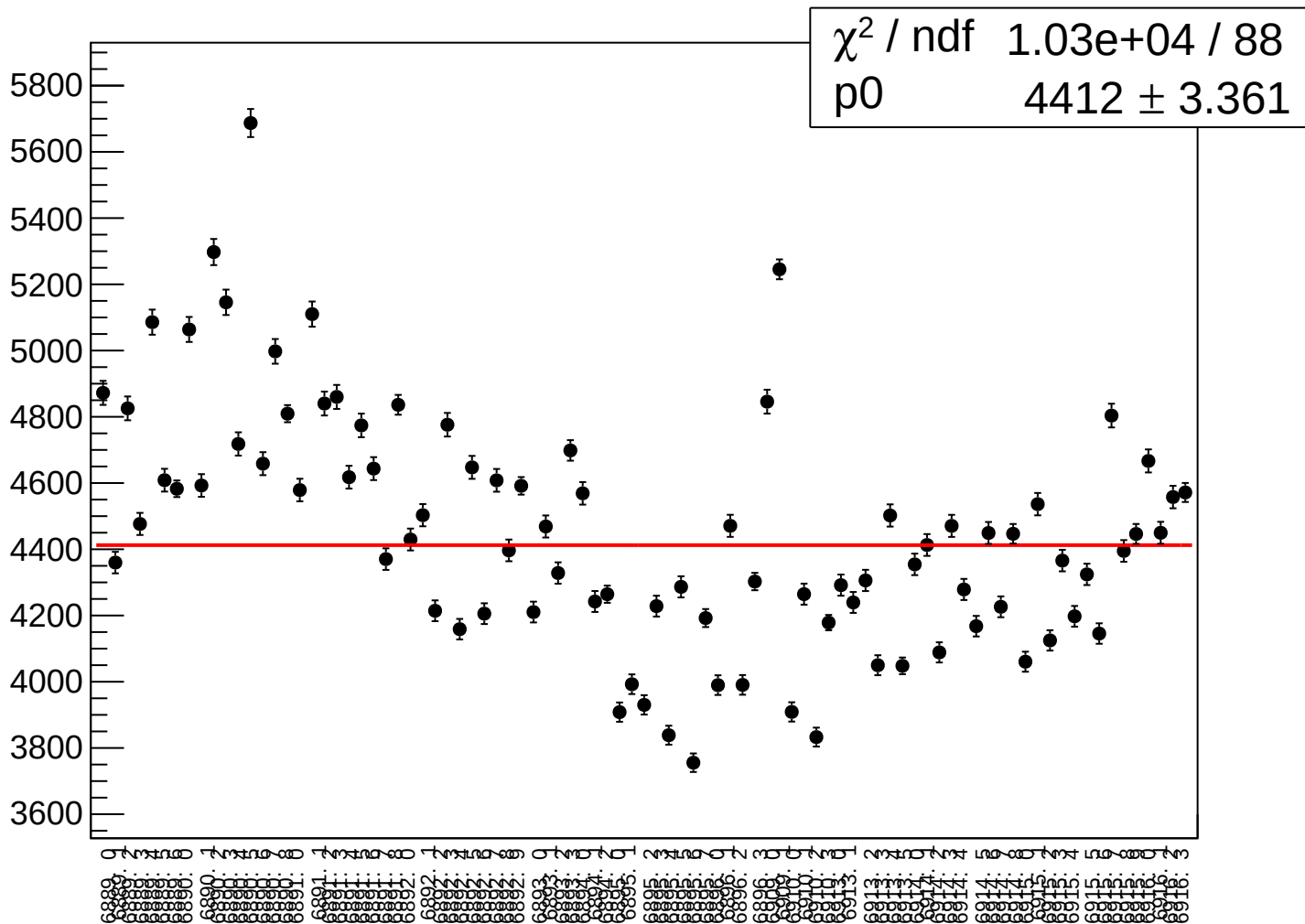
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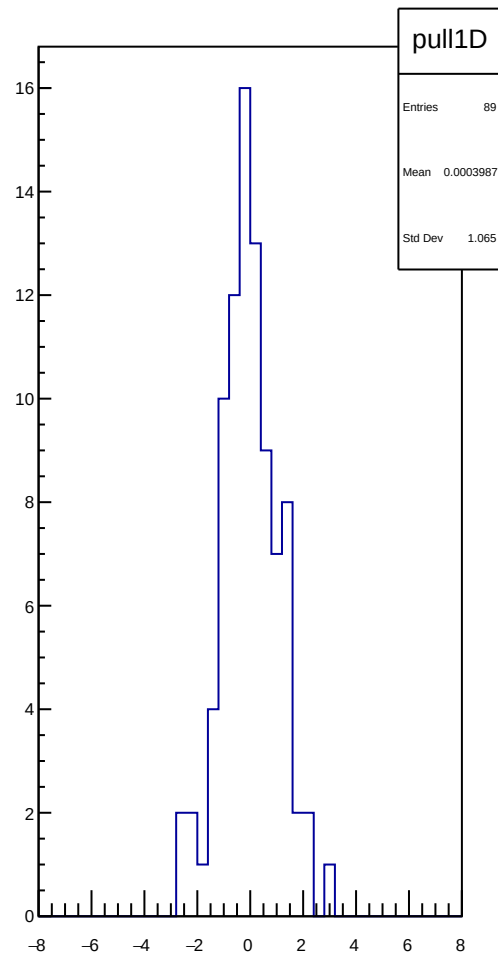
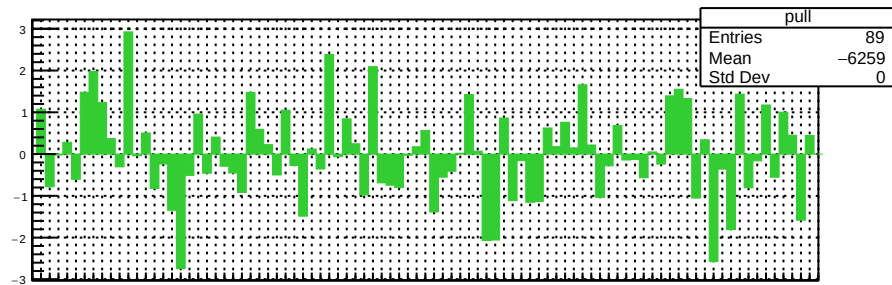
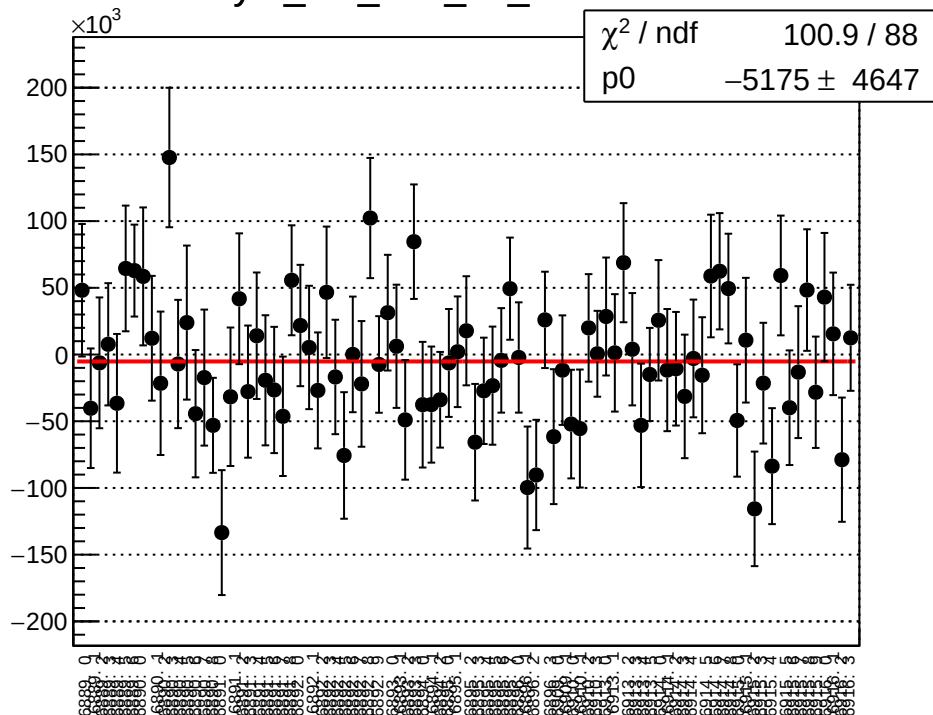
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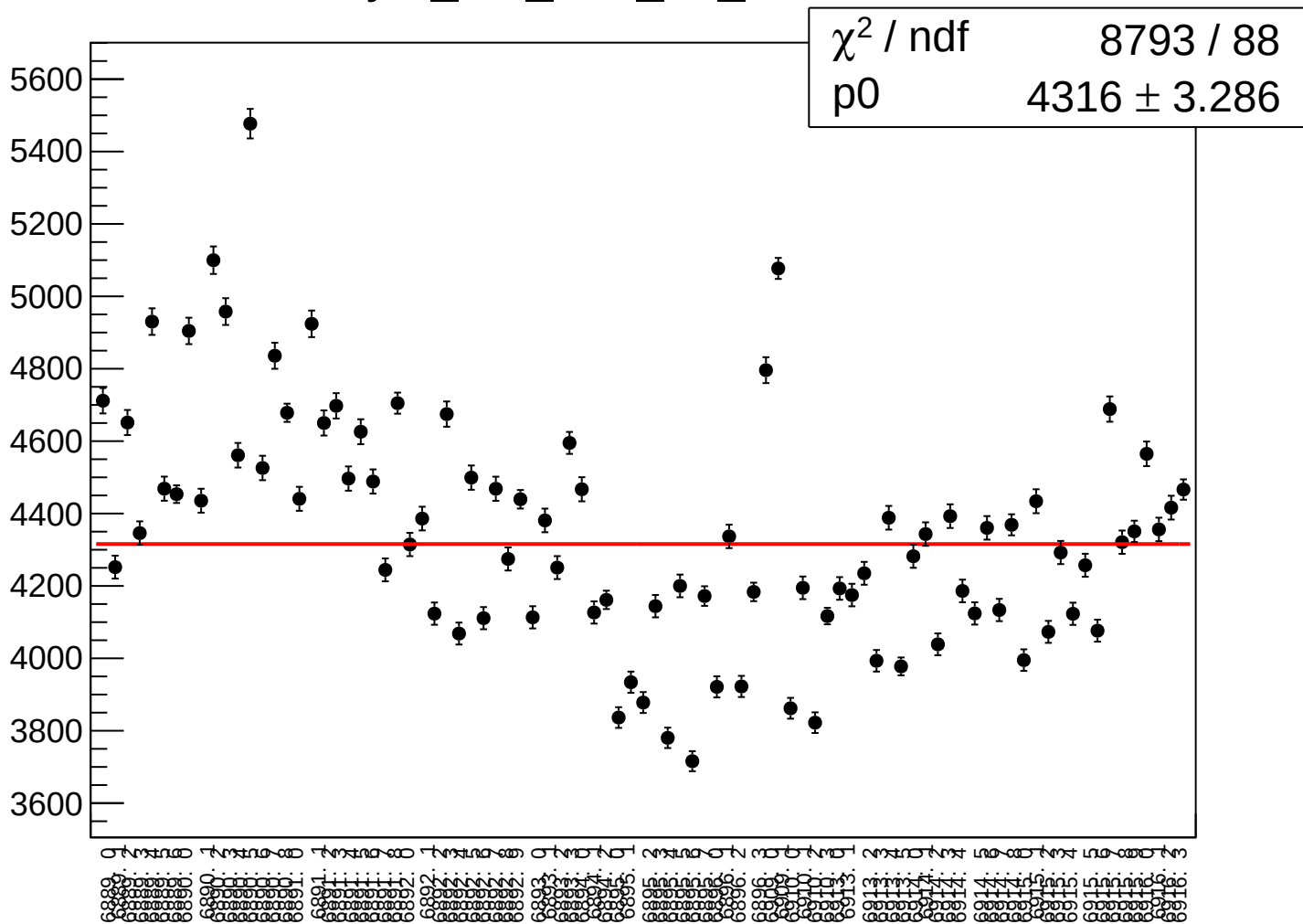
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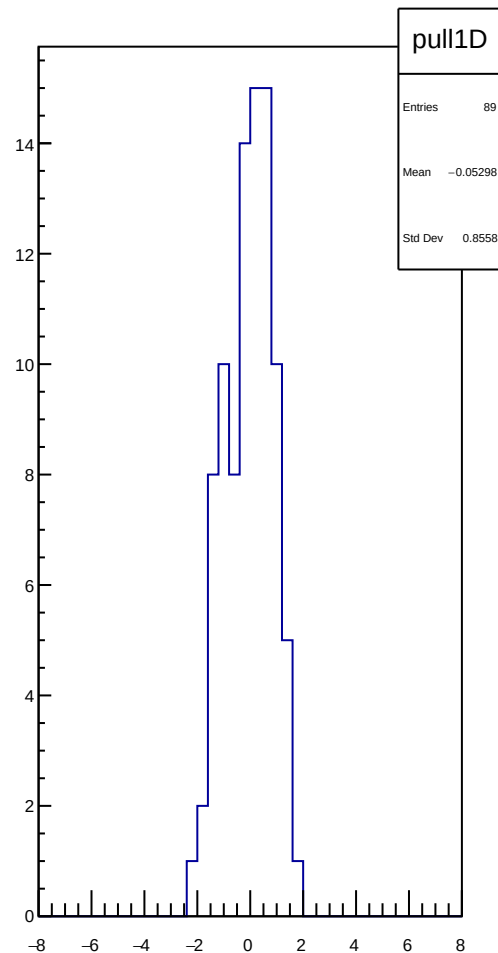
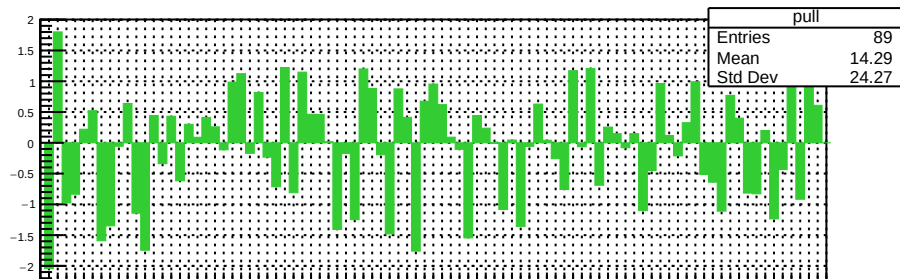
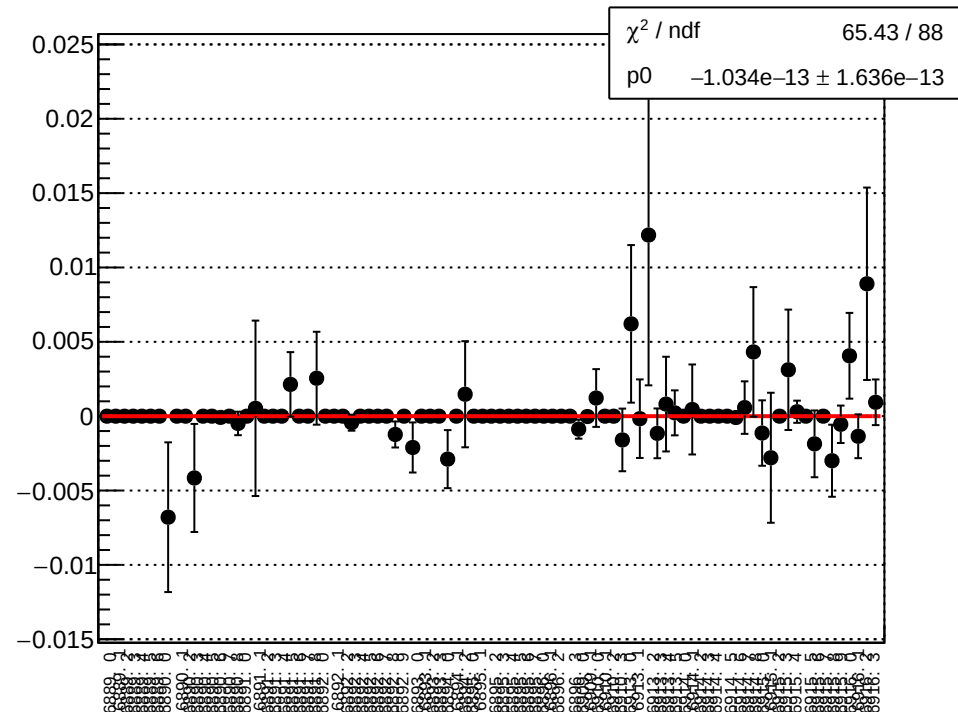
asym_usr_atr2_dd_mean vs run



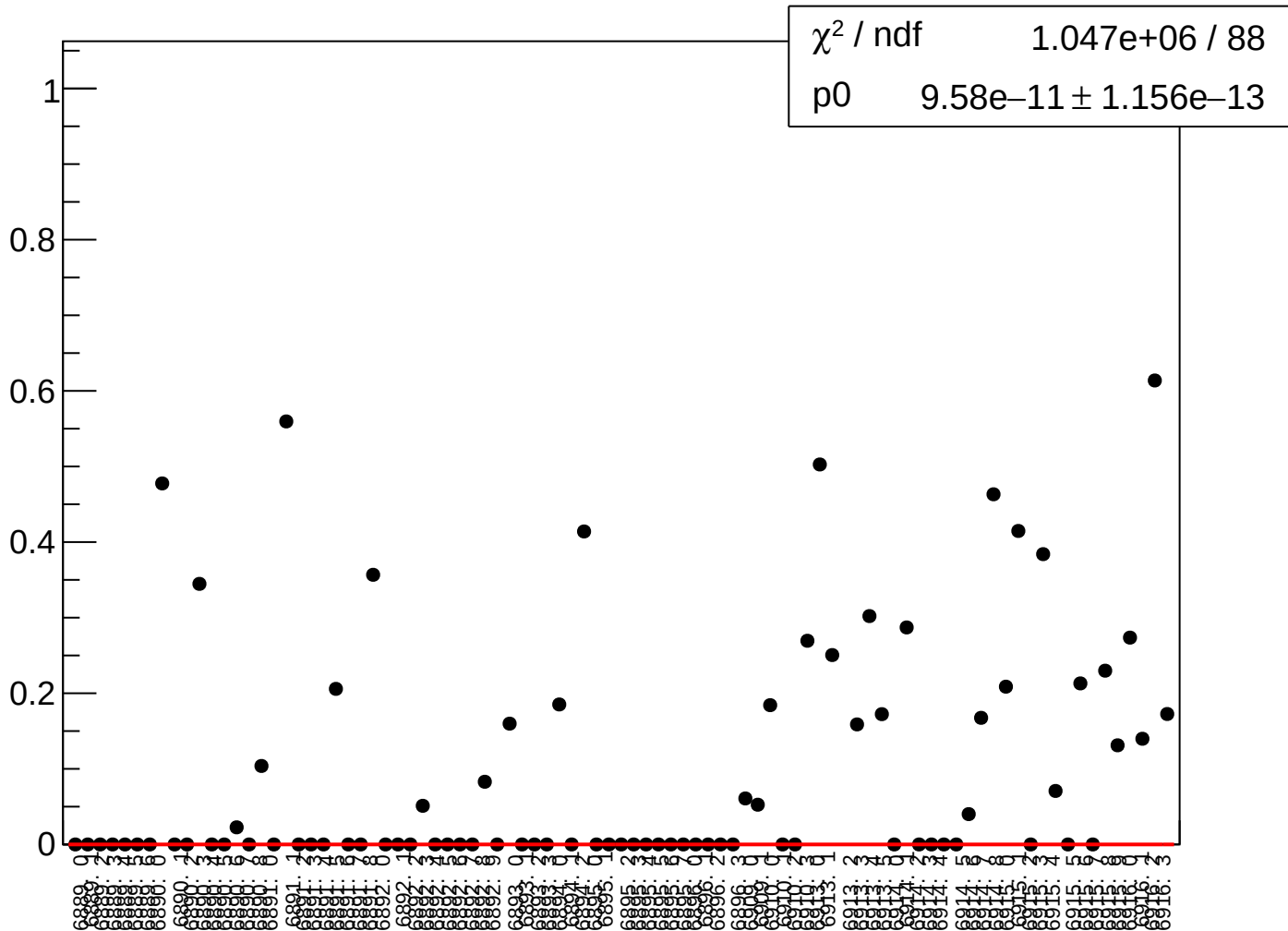
asym_usr_atr2_dd_rms vs run



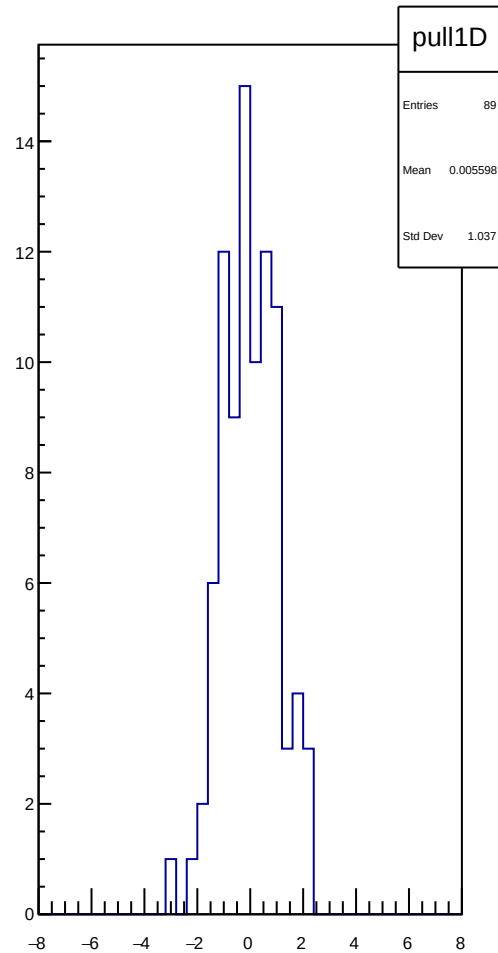
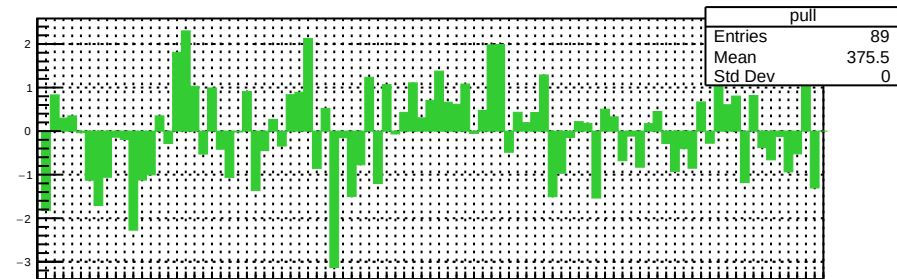
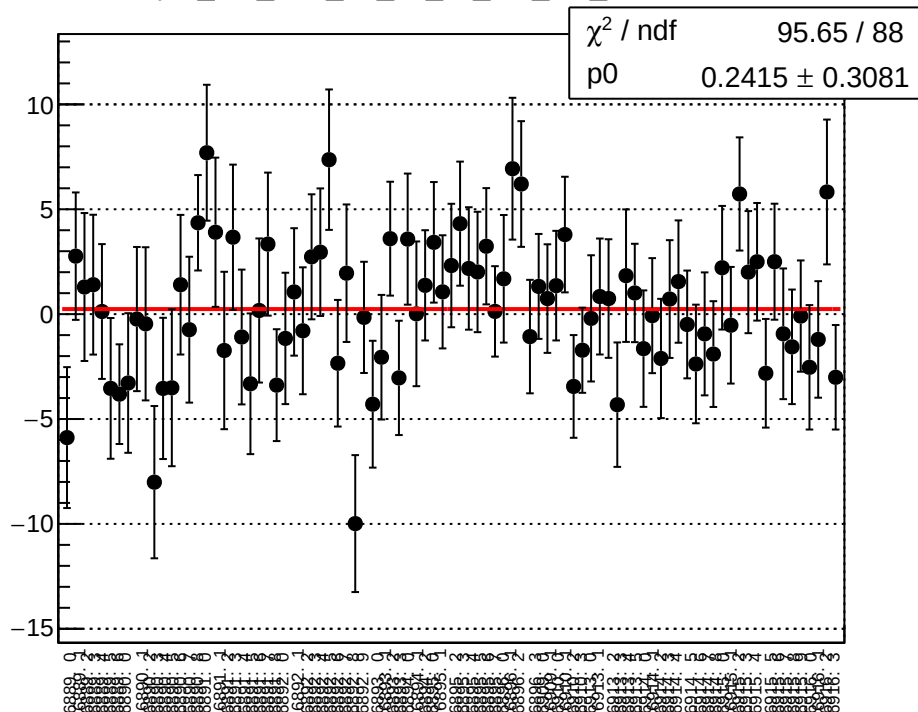
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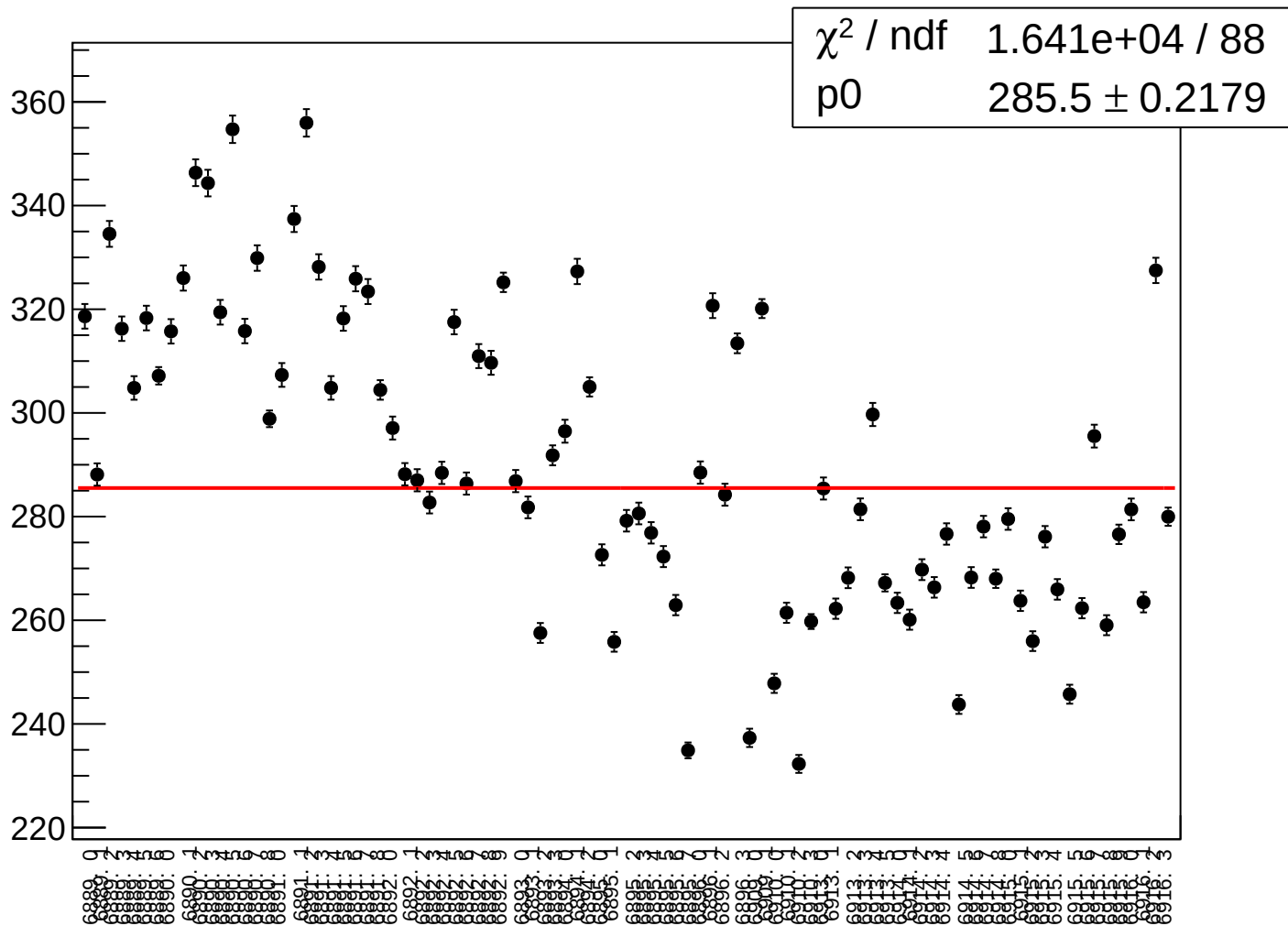
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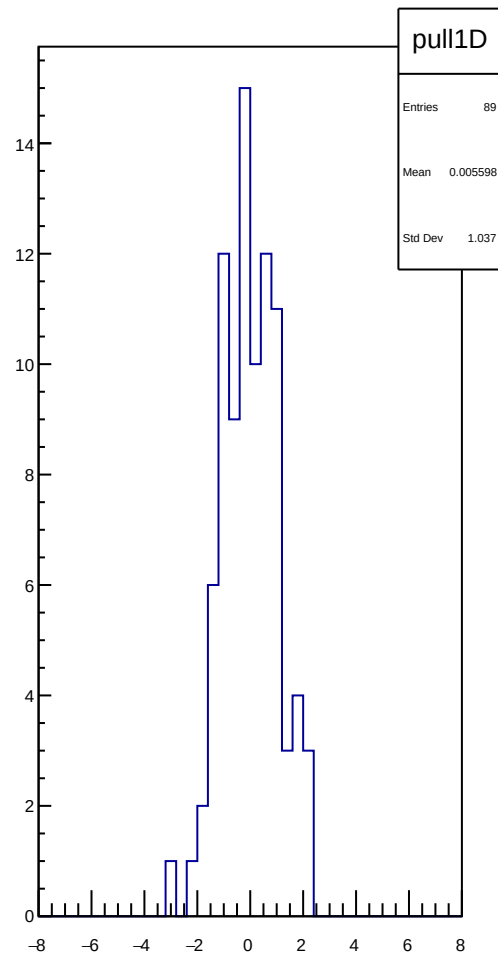
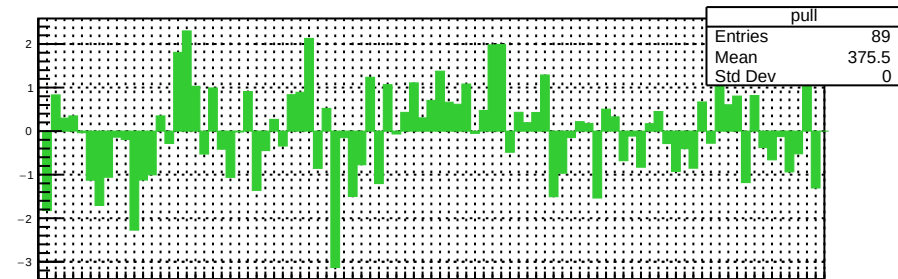
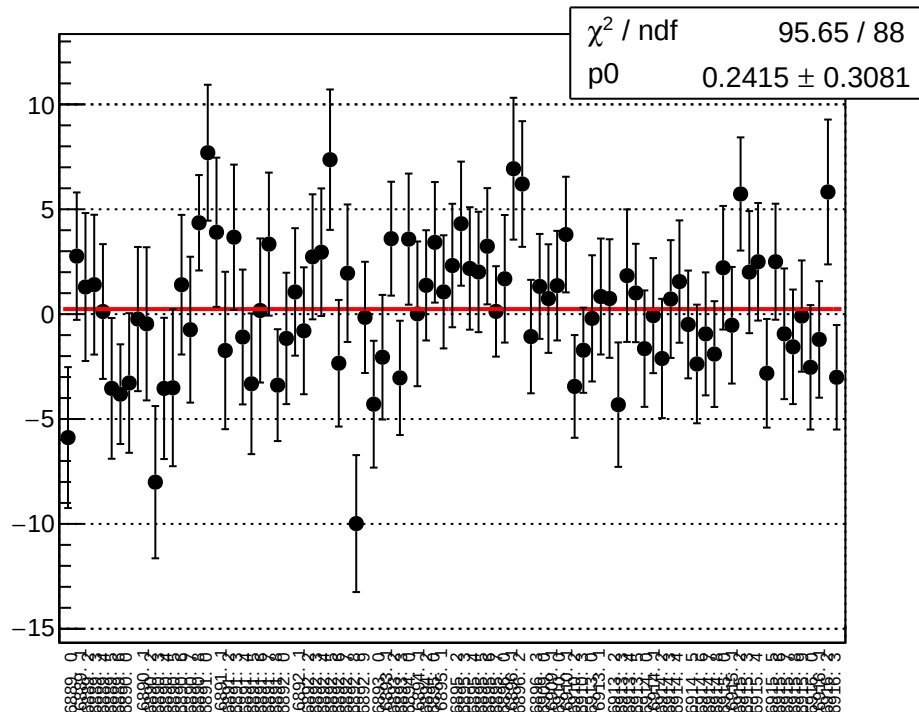
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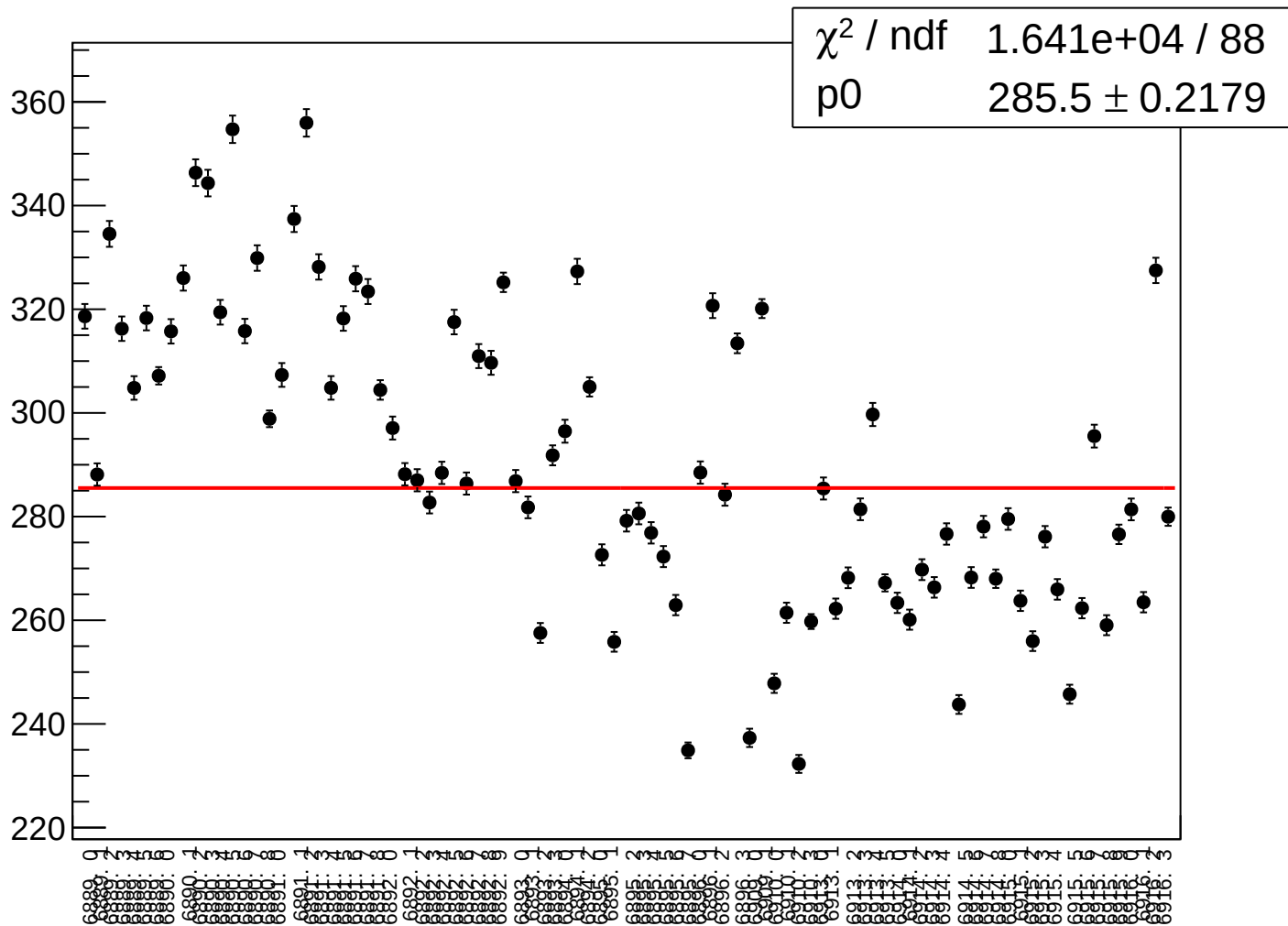
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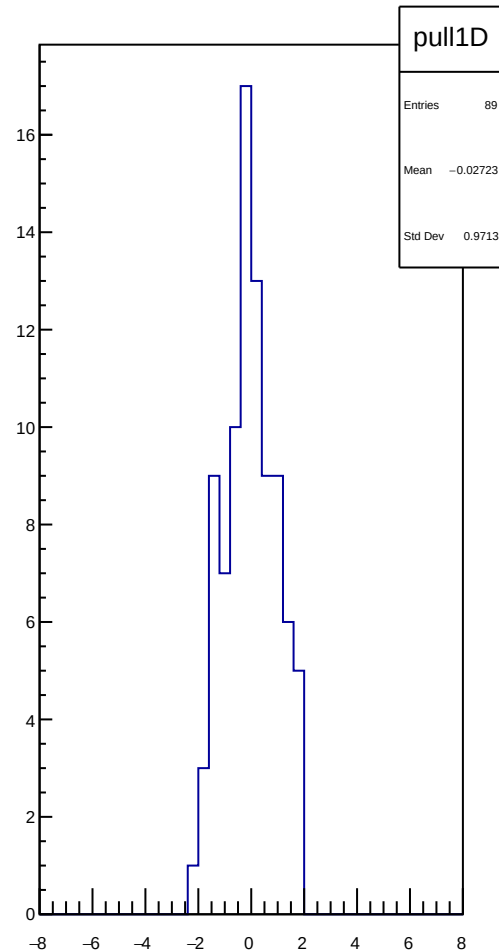
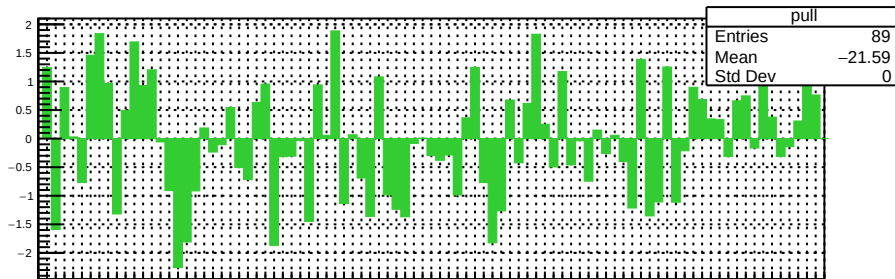
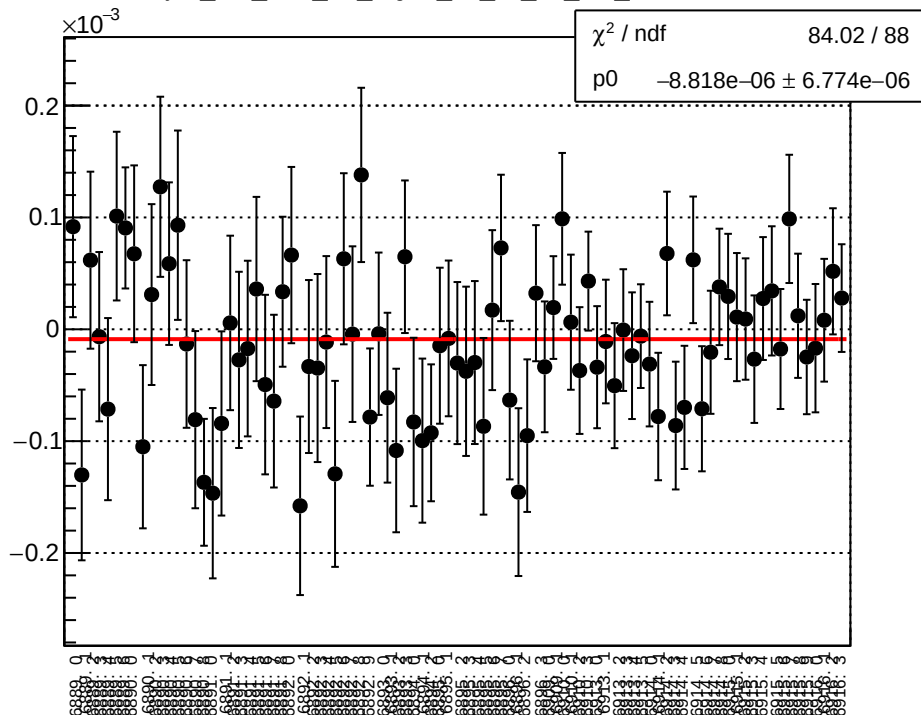
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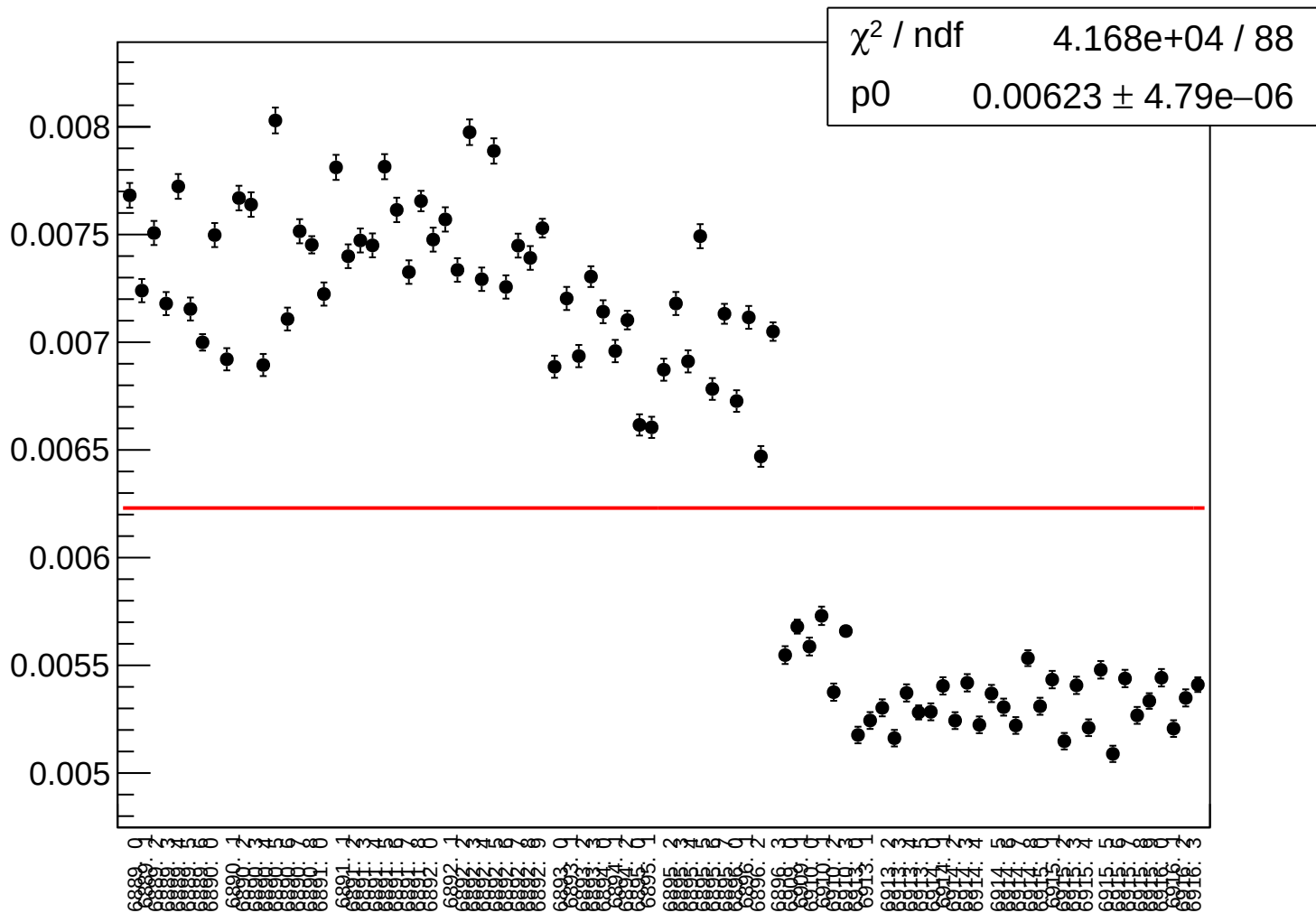
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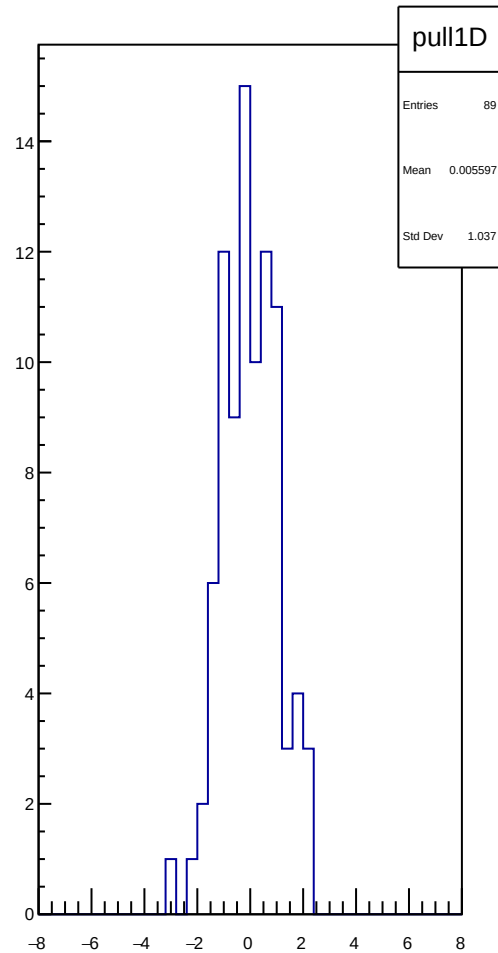
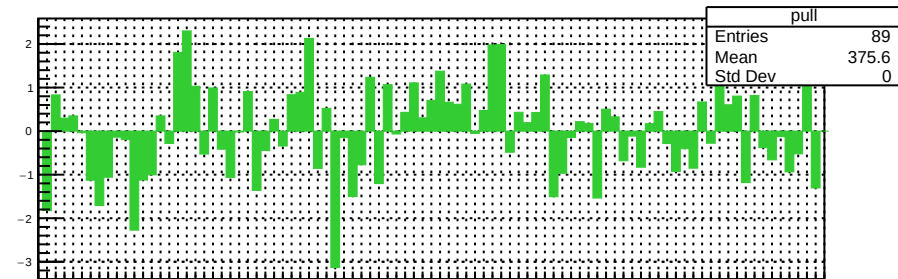
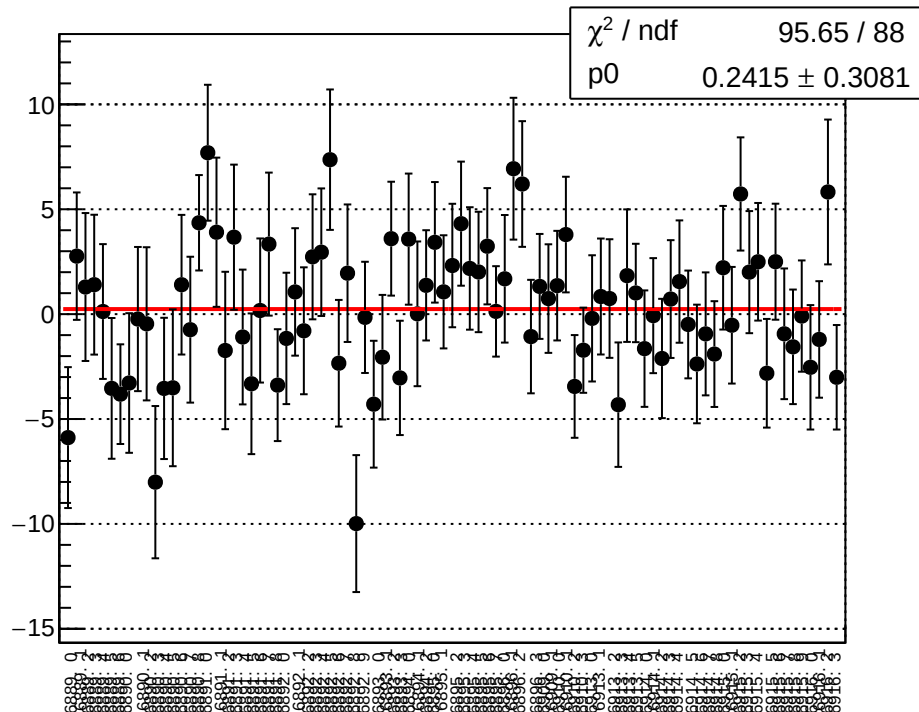
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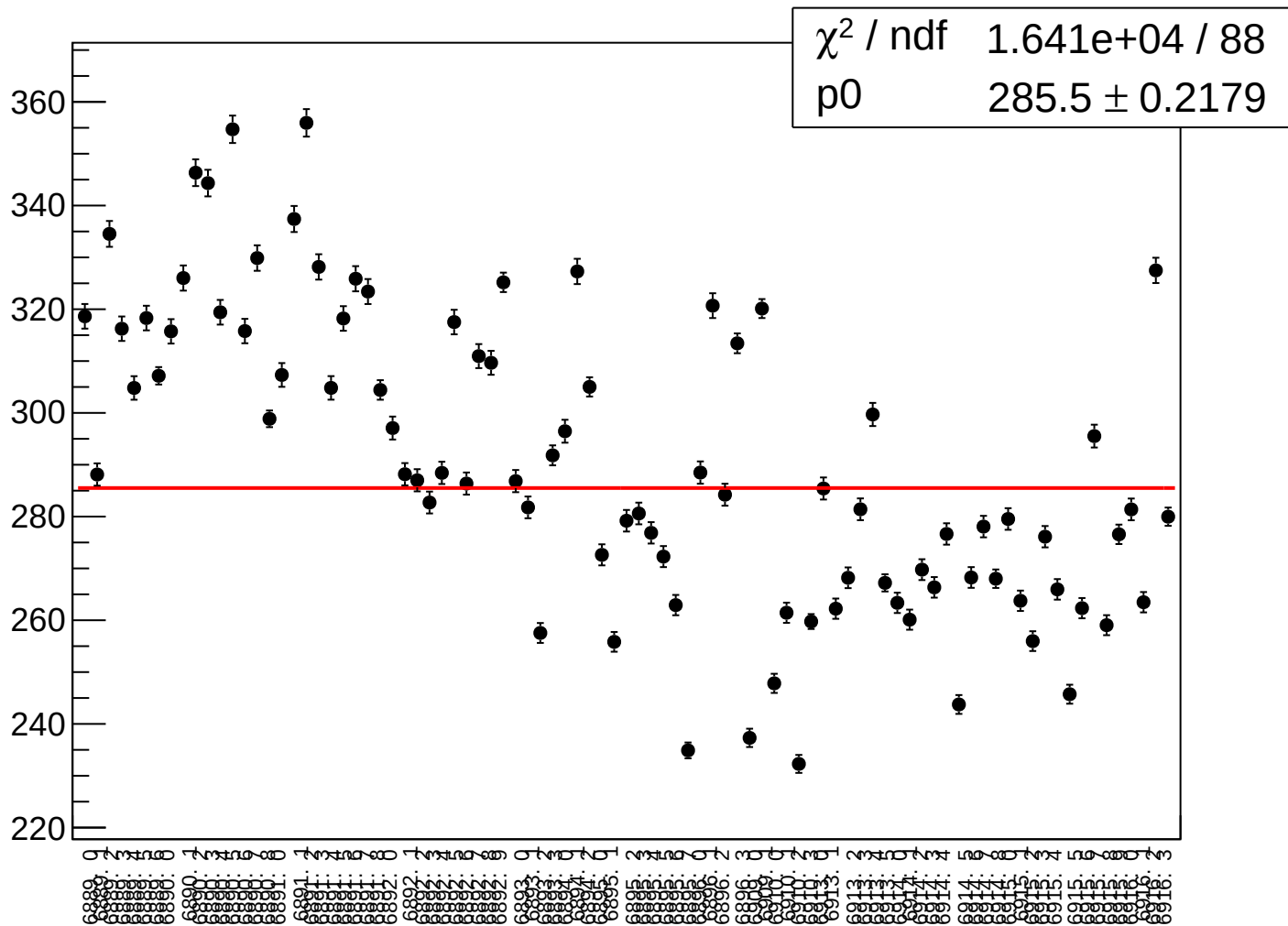
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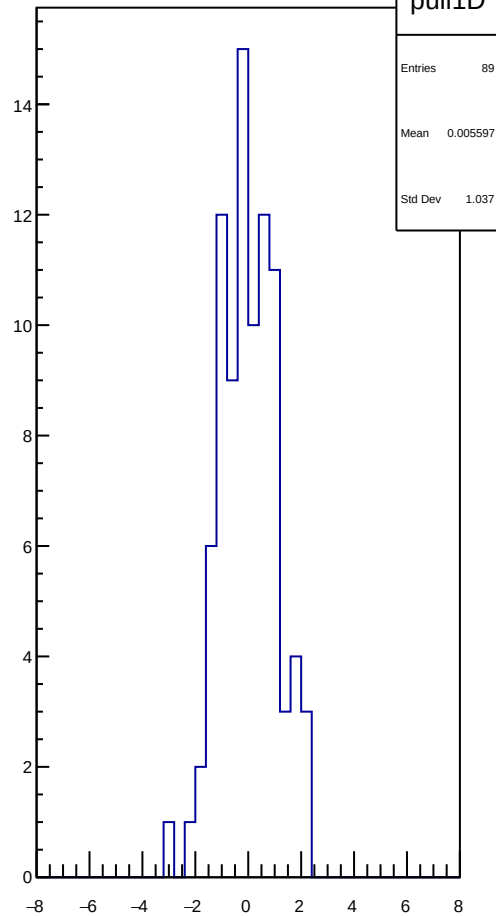
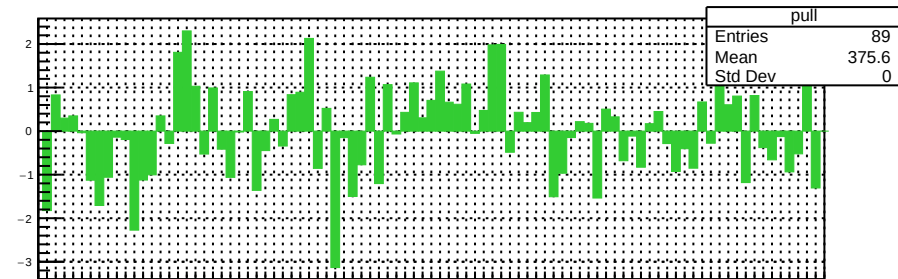
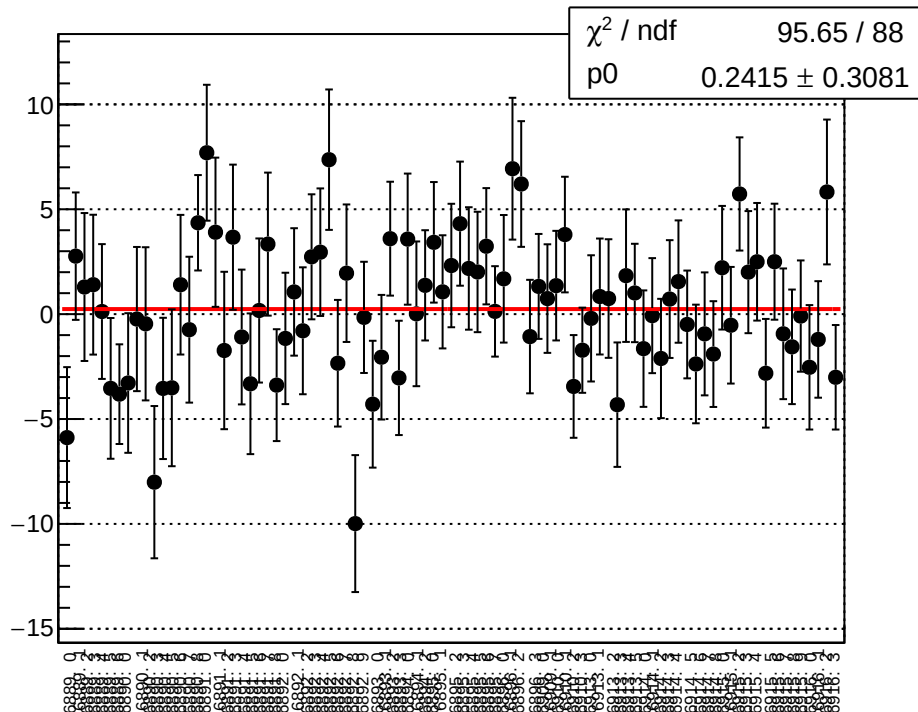
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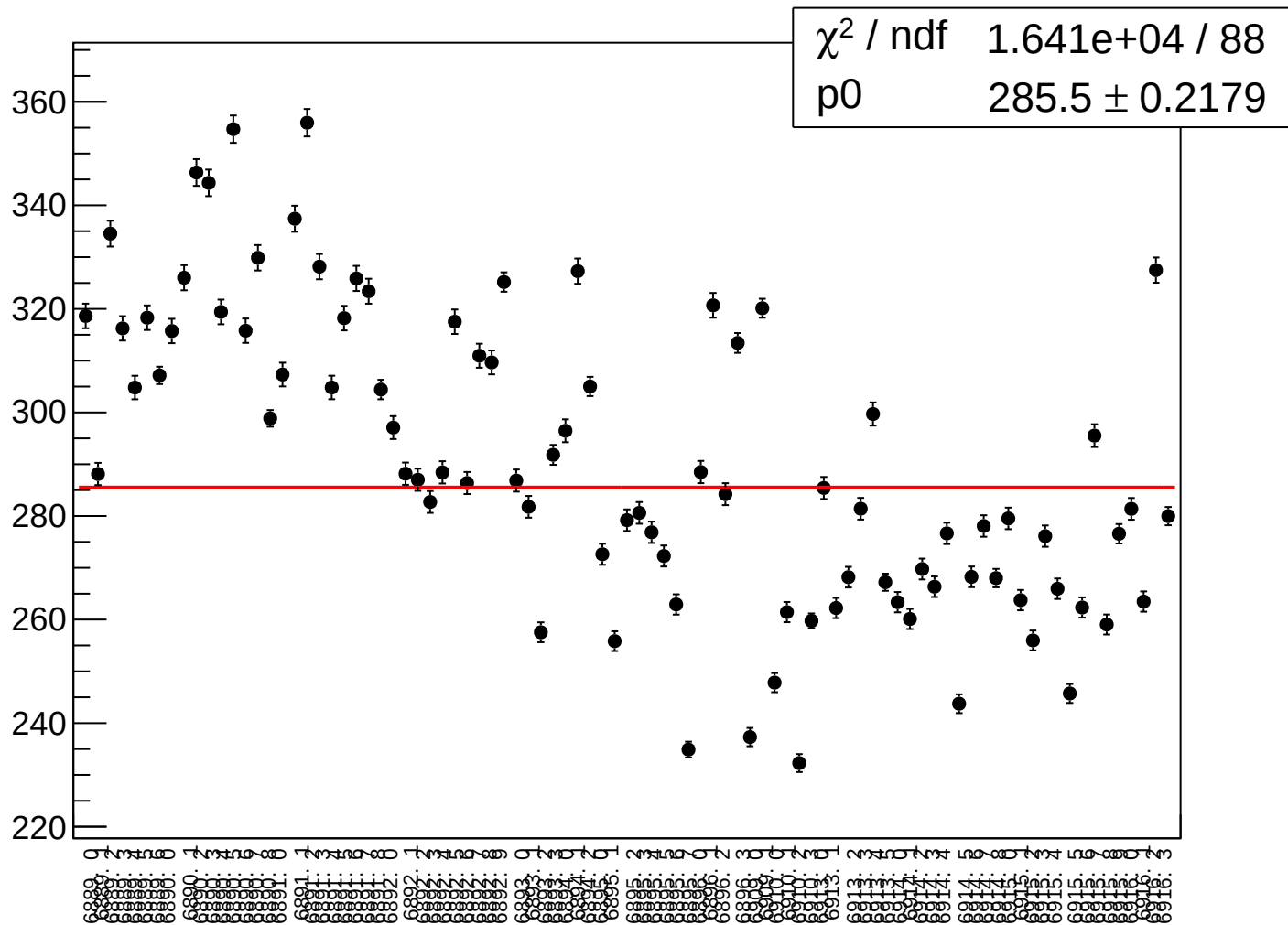
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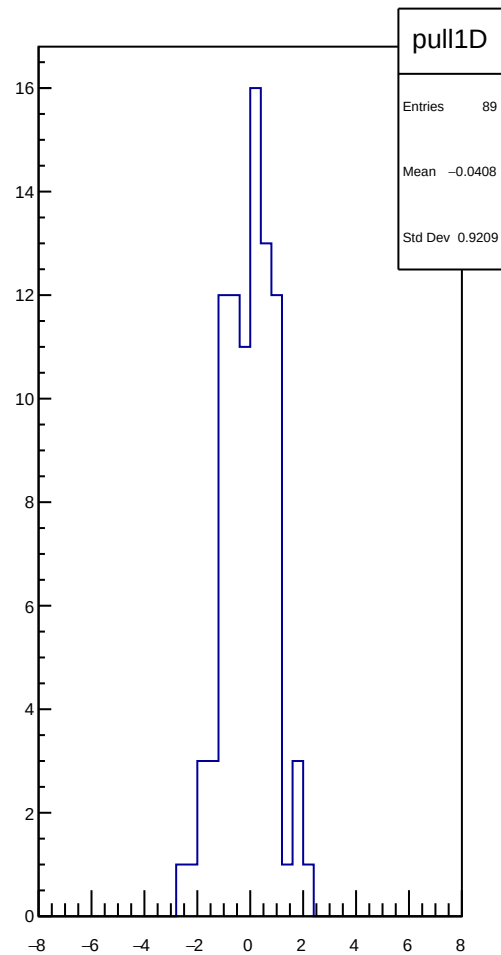
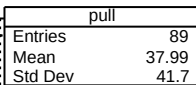
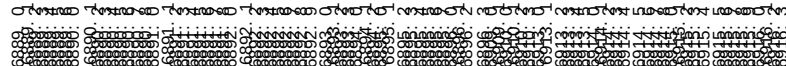


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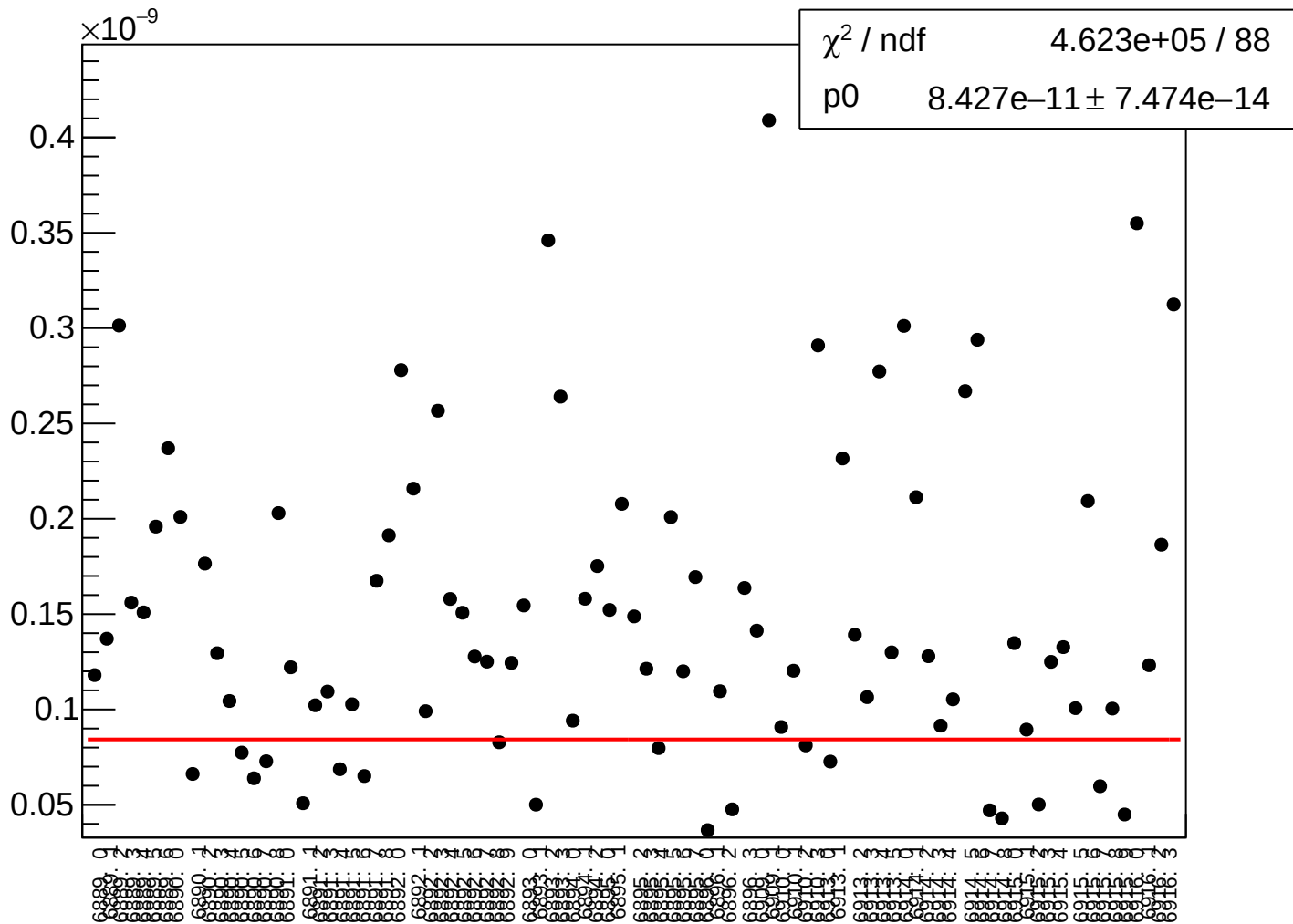


asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs run

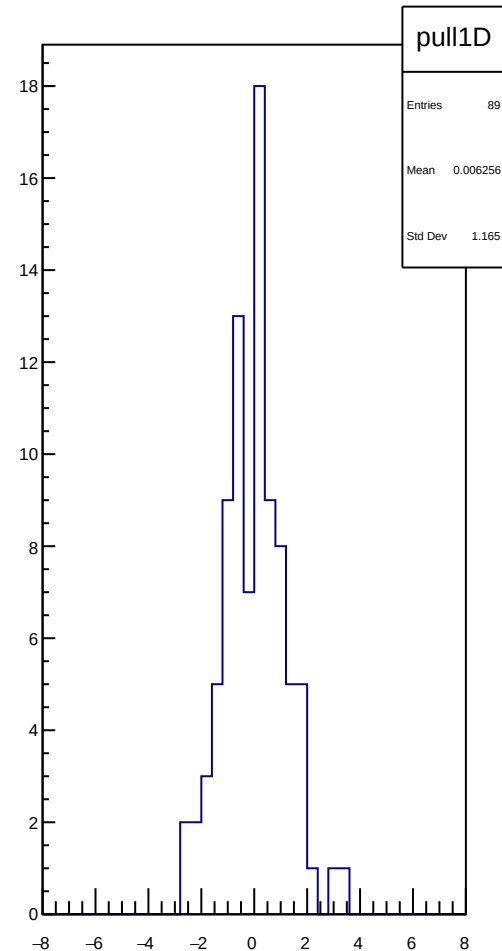
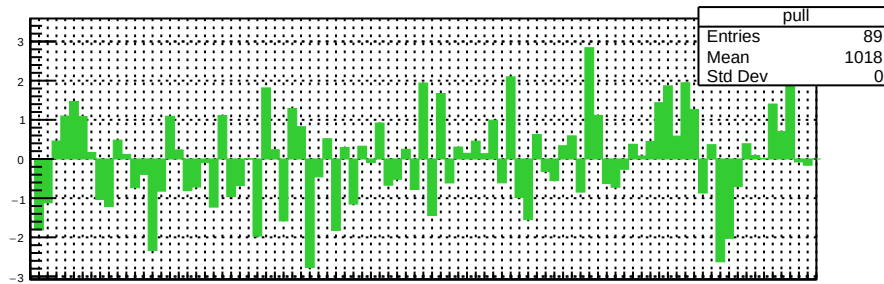
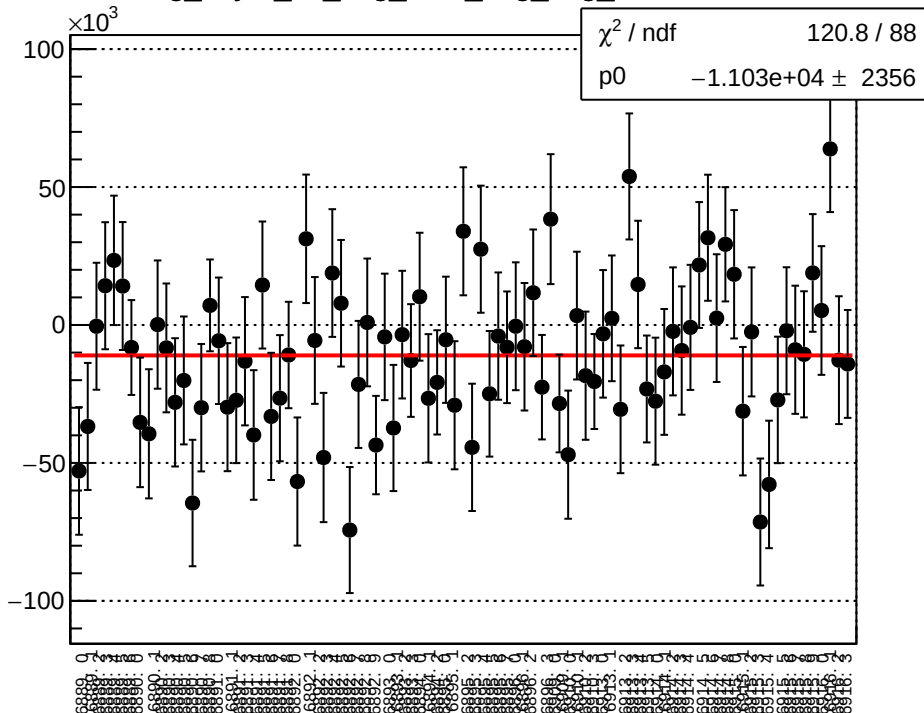


$\times 10^{-12}$ 

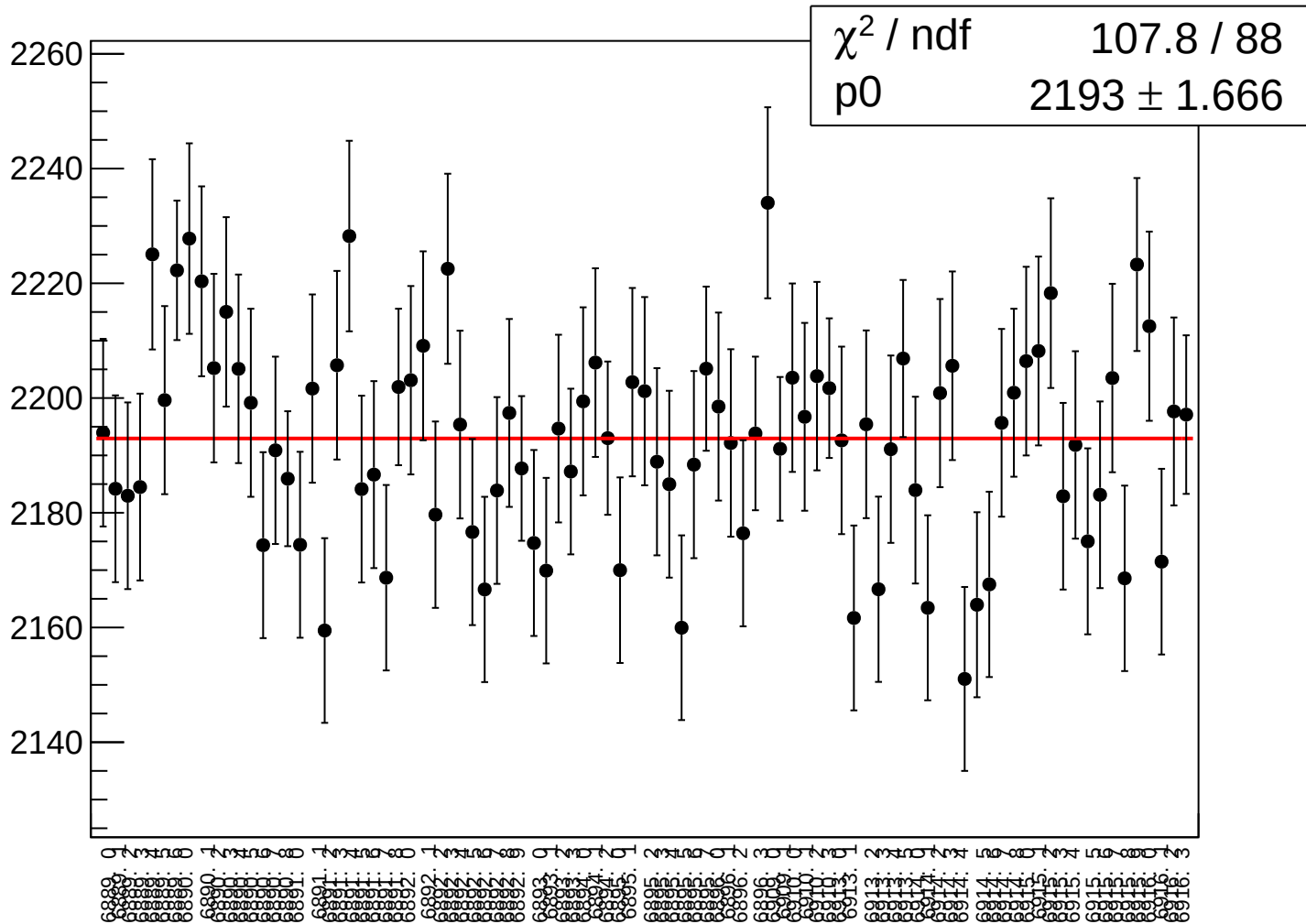
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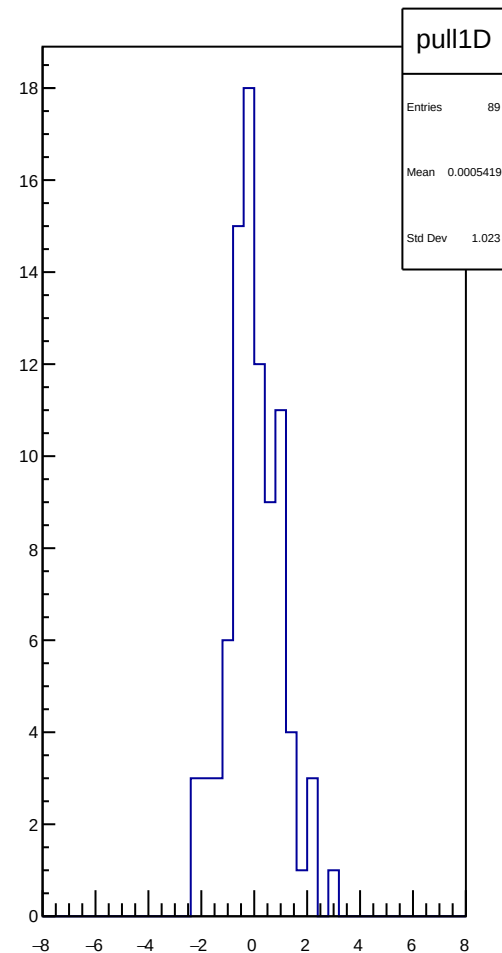
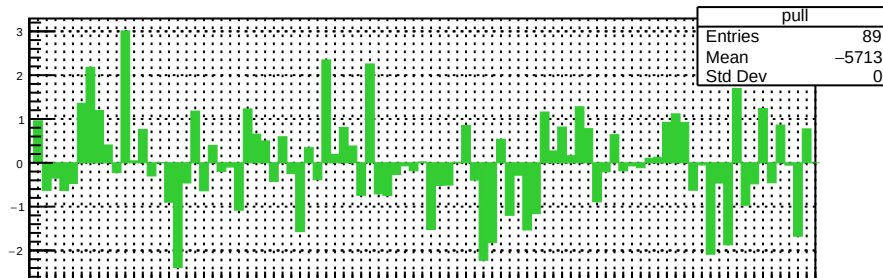
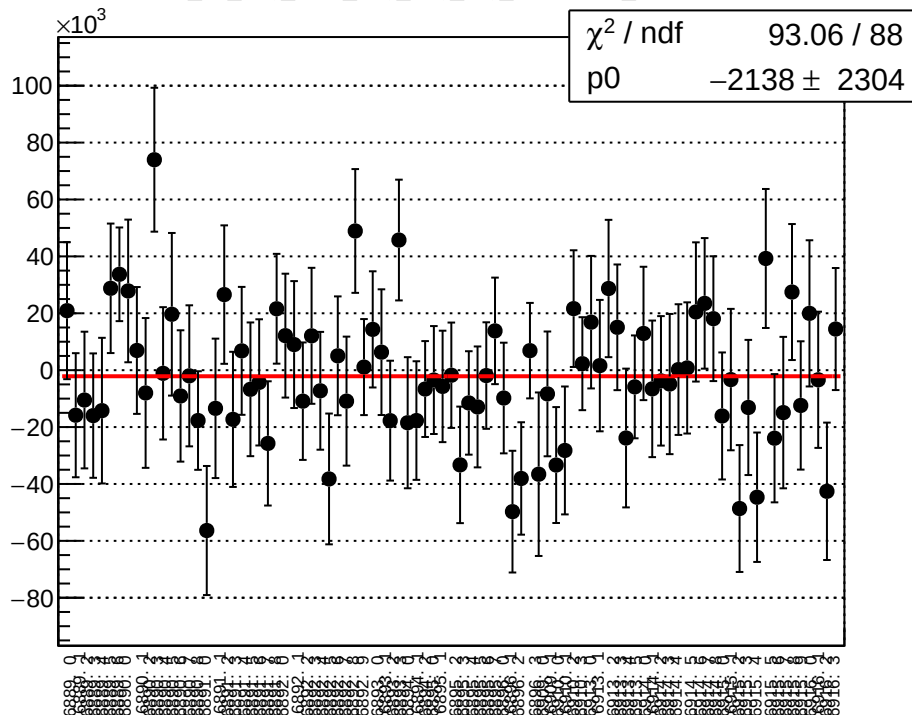
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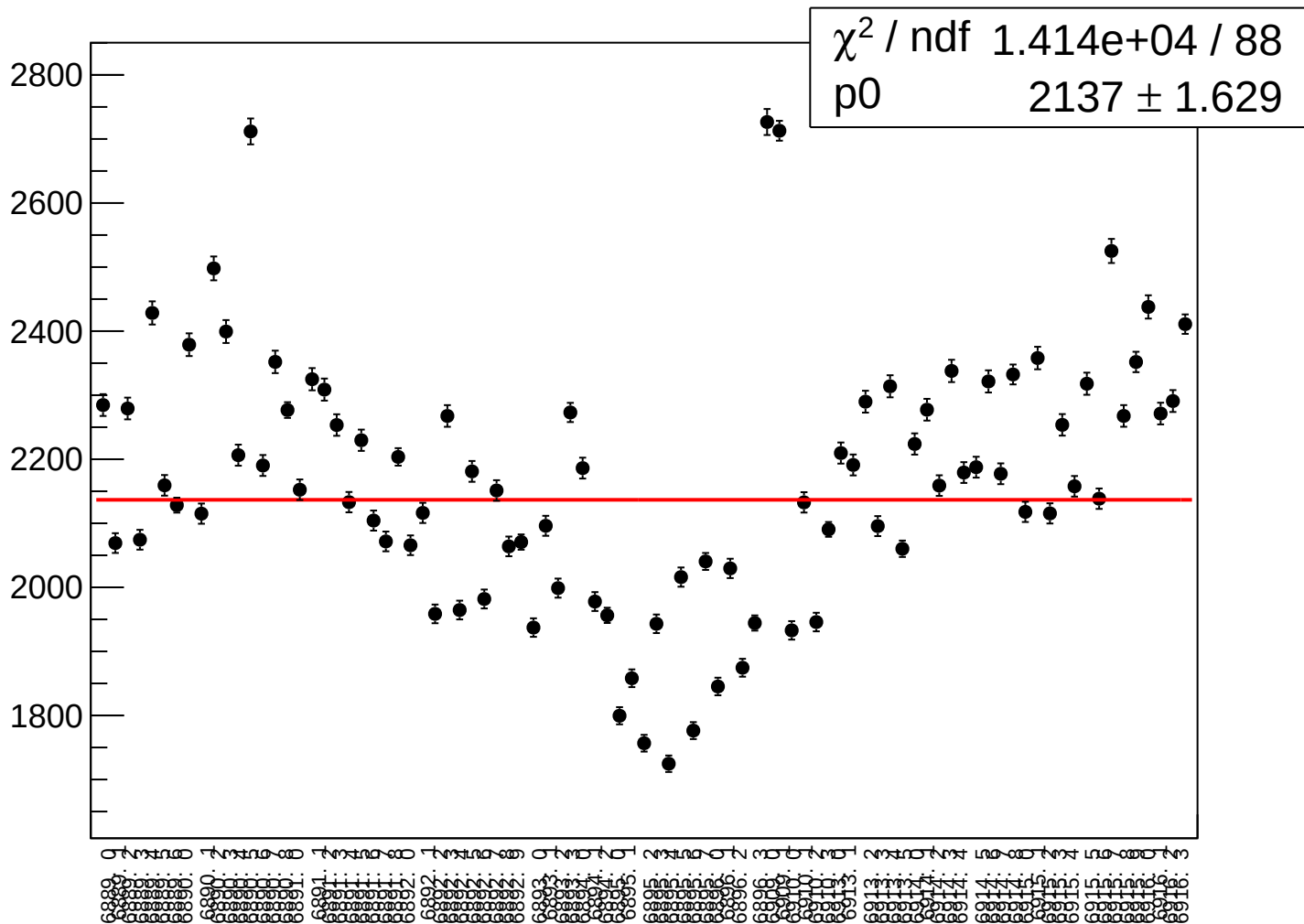
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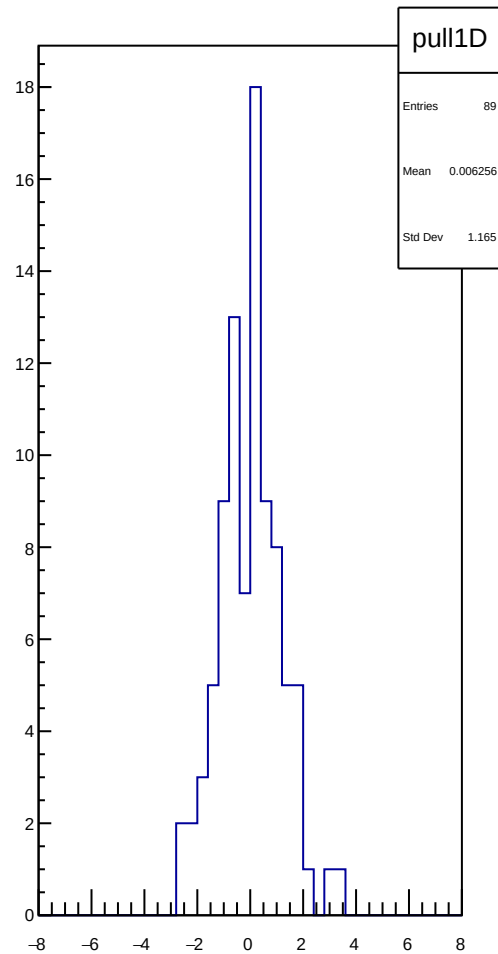
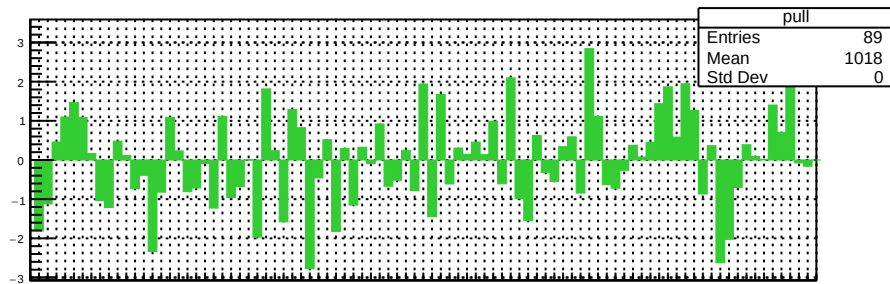
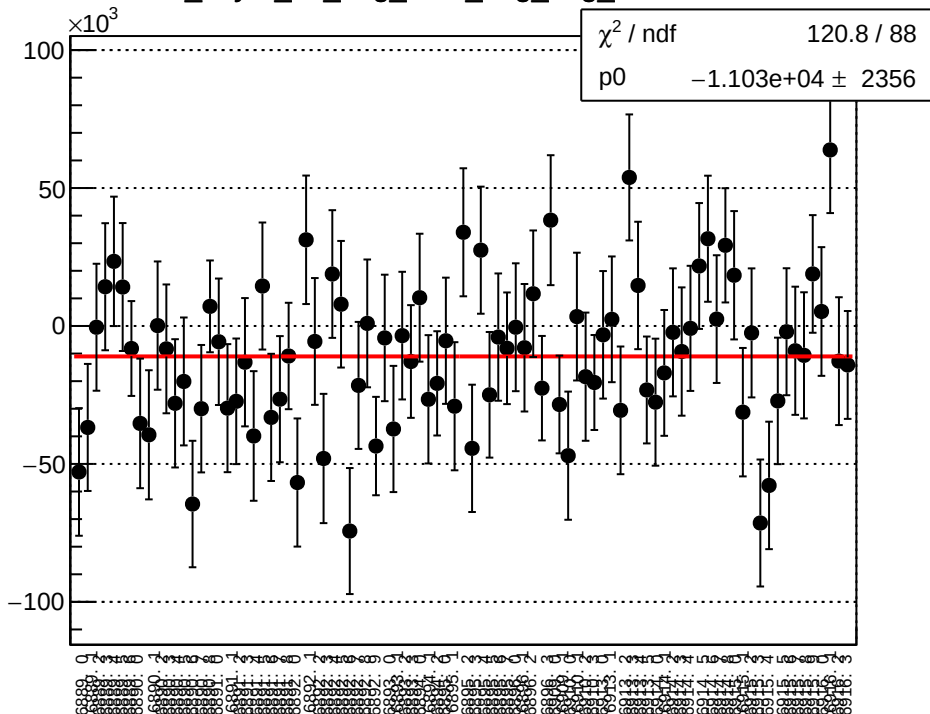
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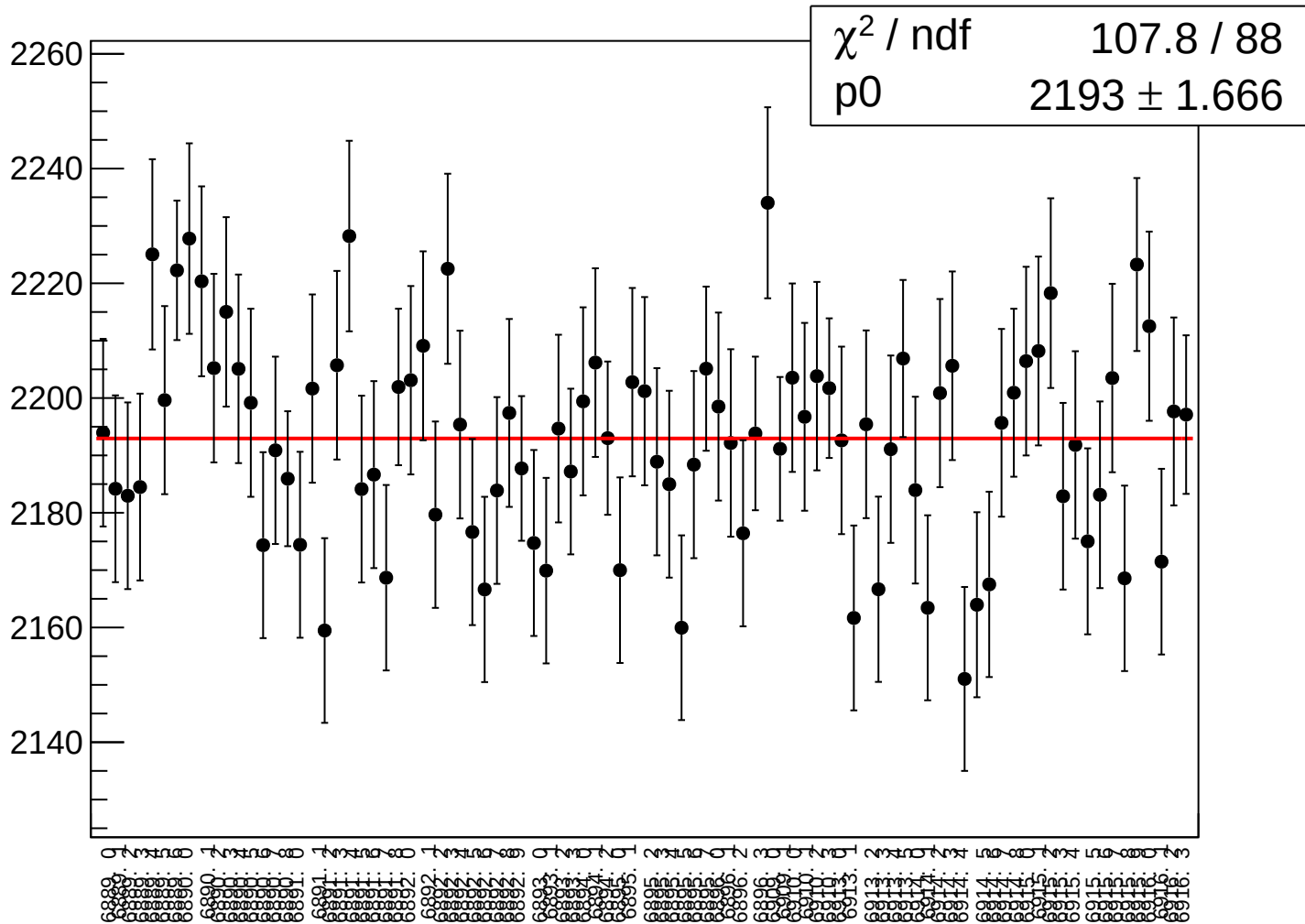
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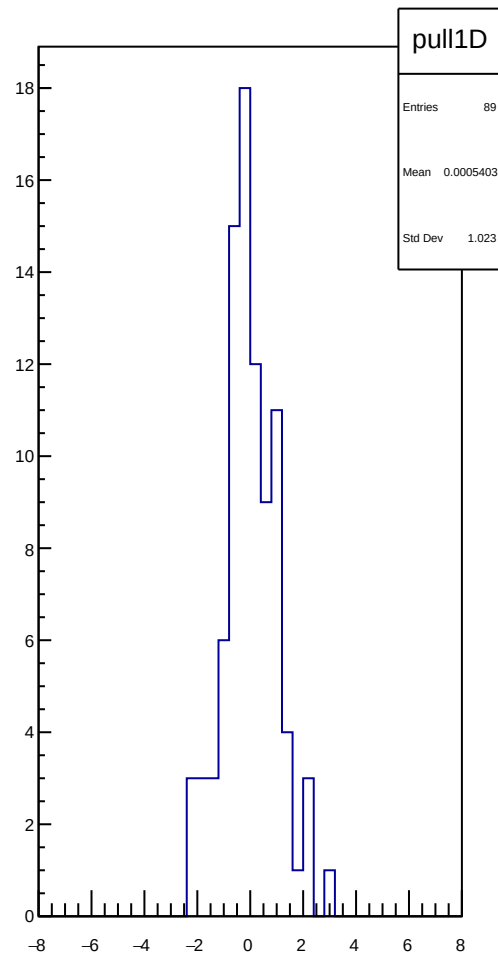
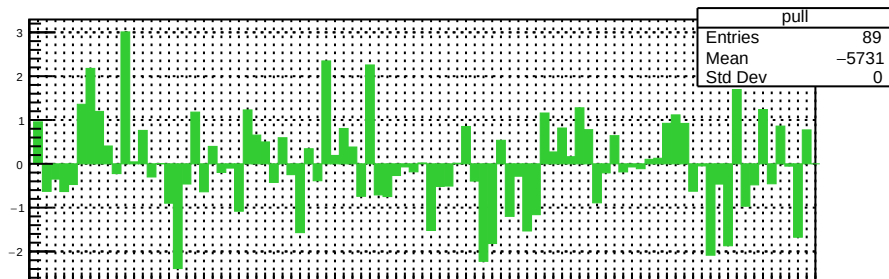
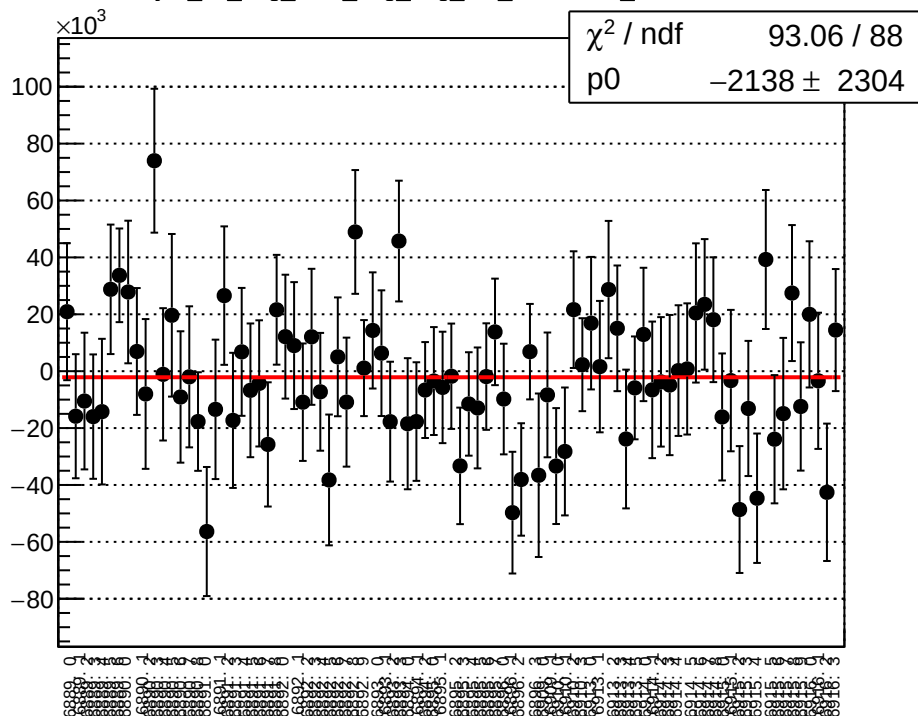
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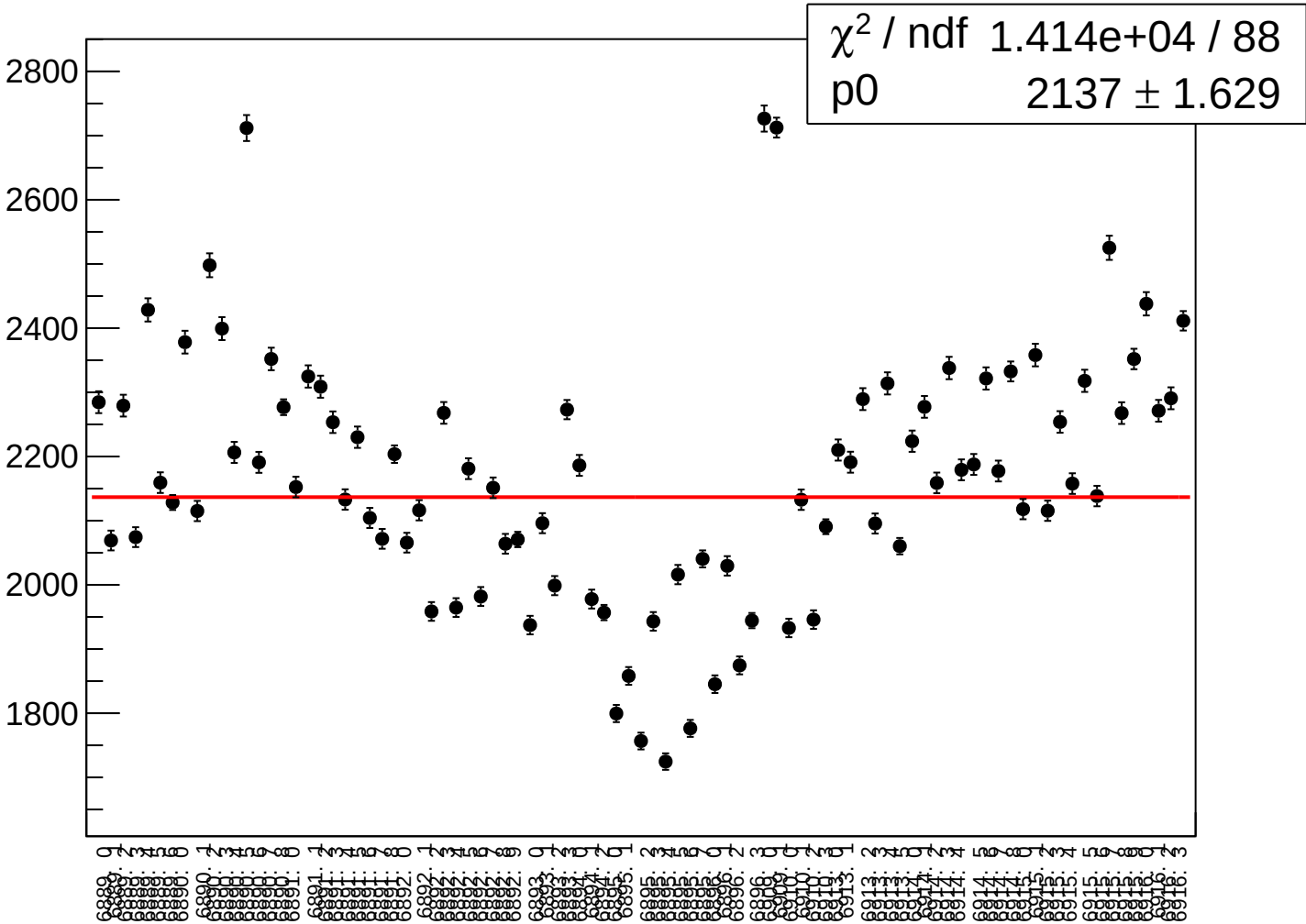
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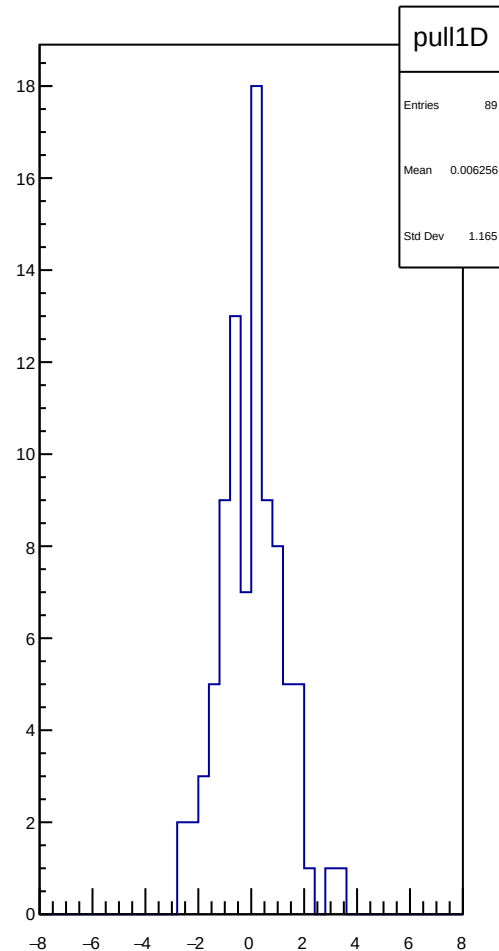
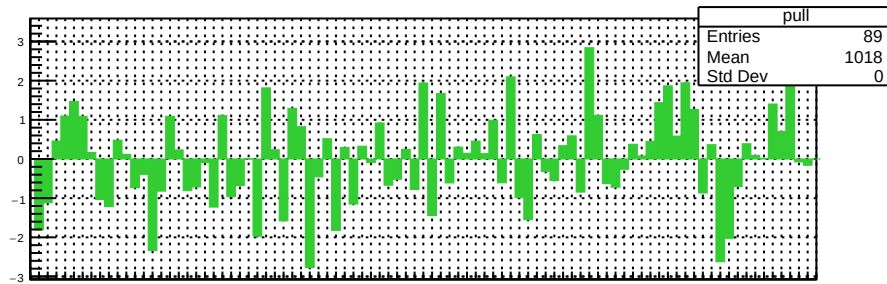
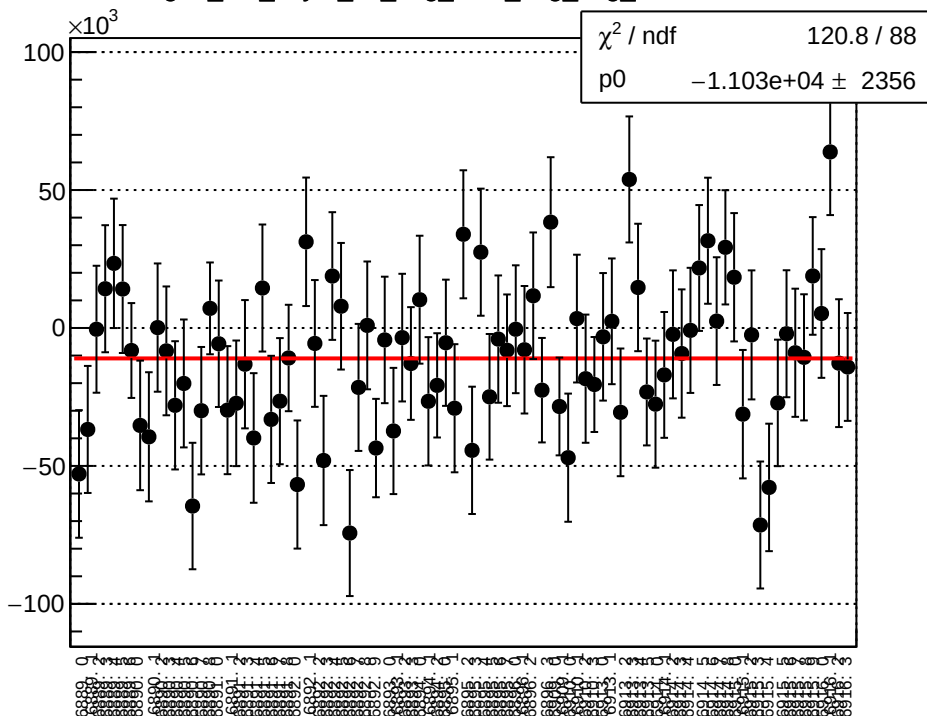
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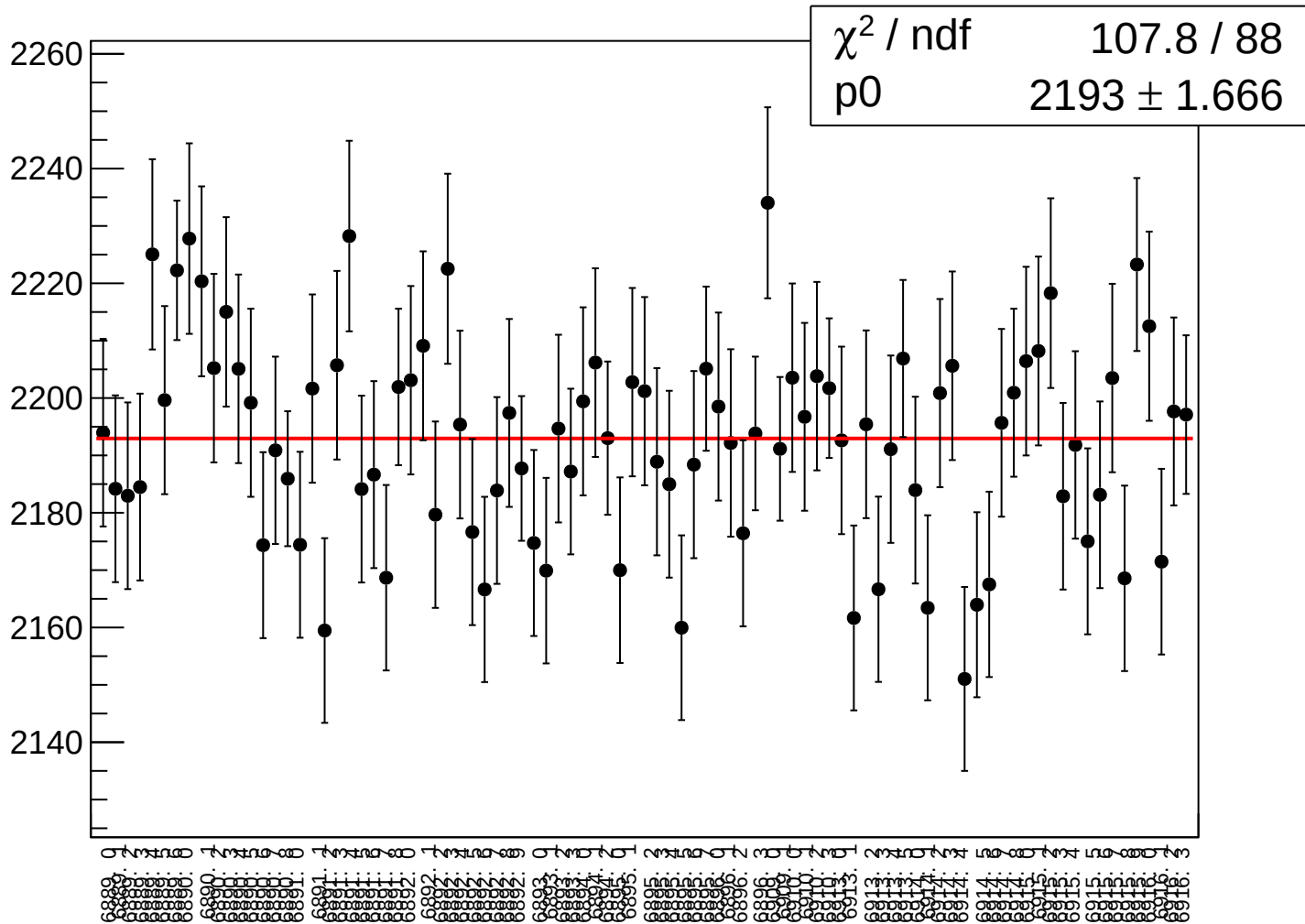
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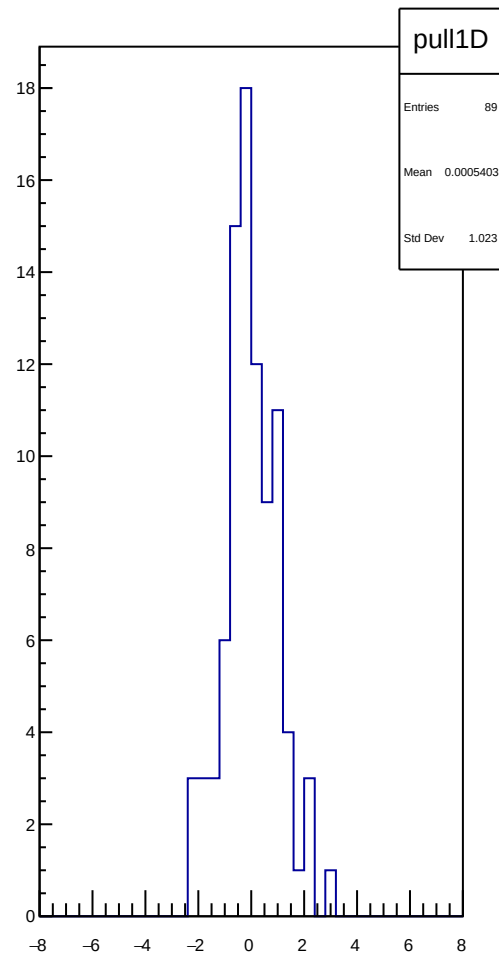
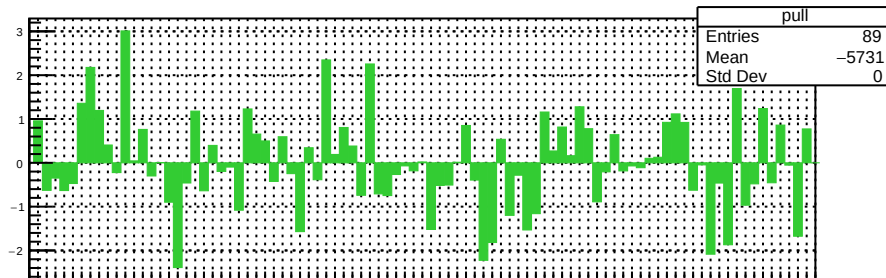
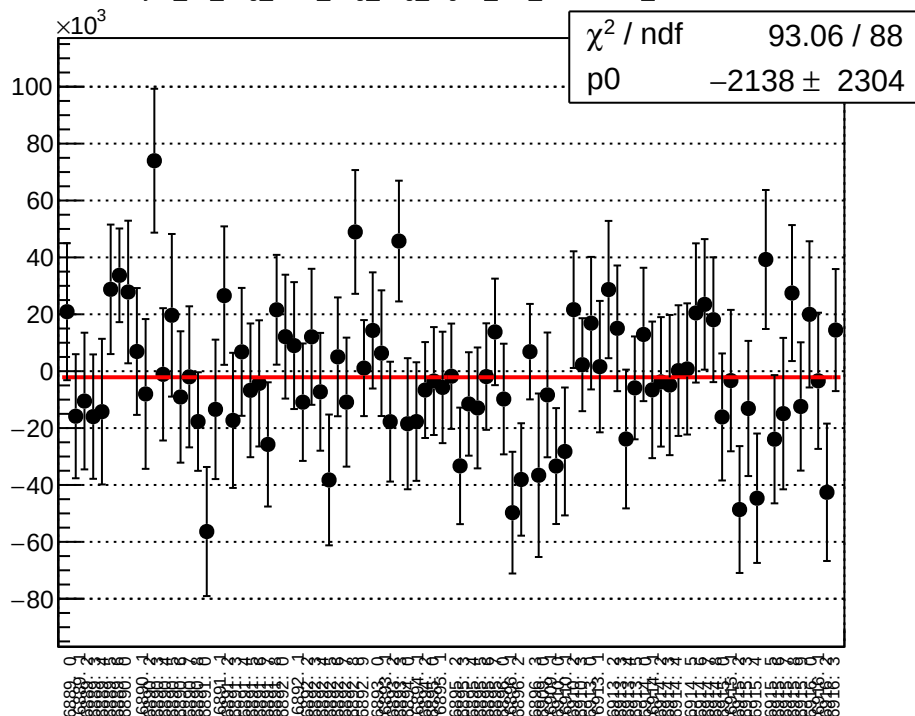
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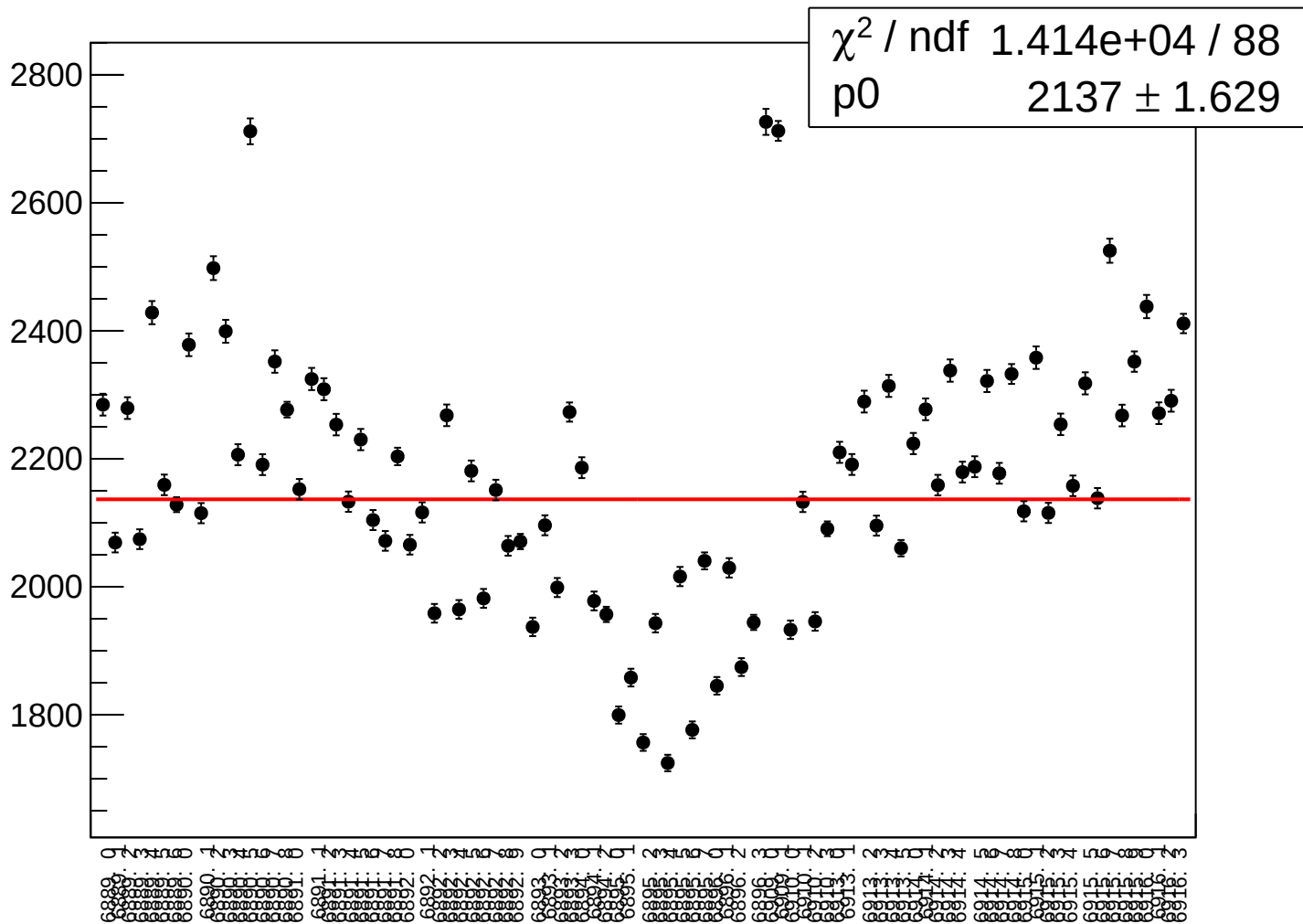
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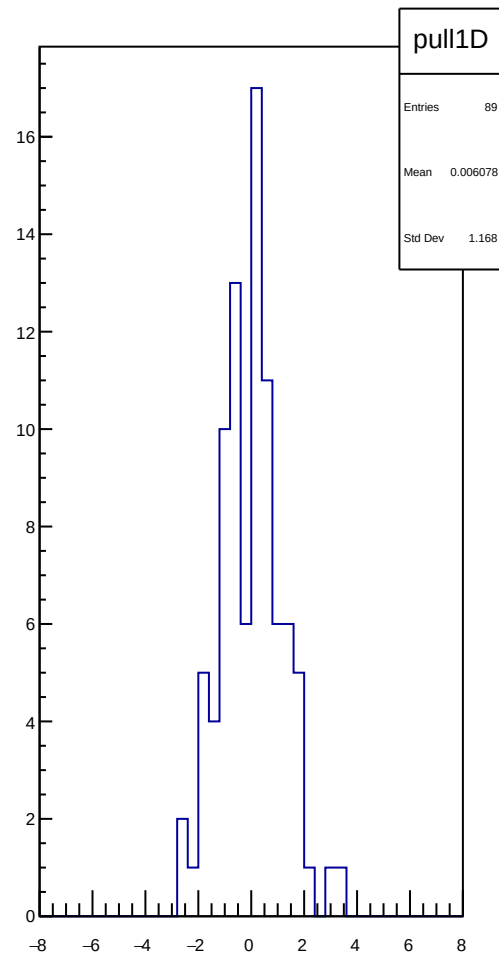
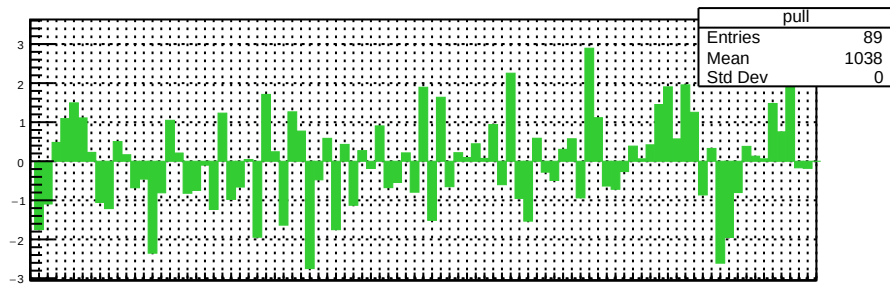
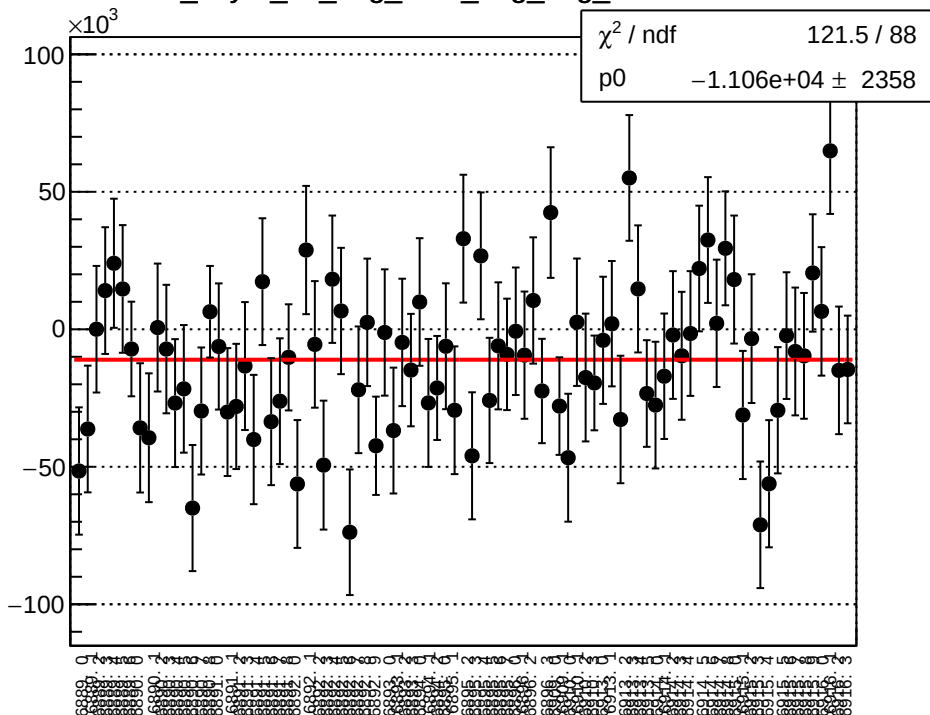
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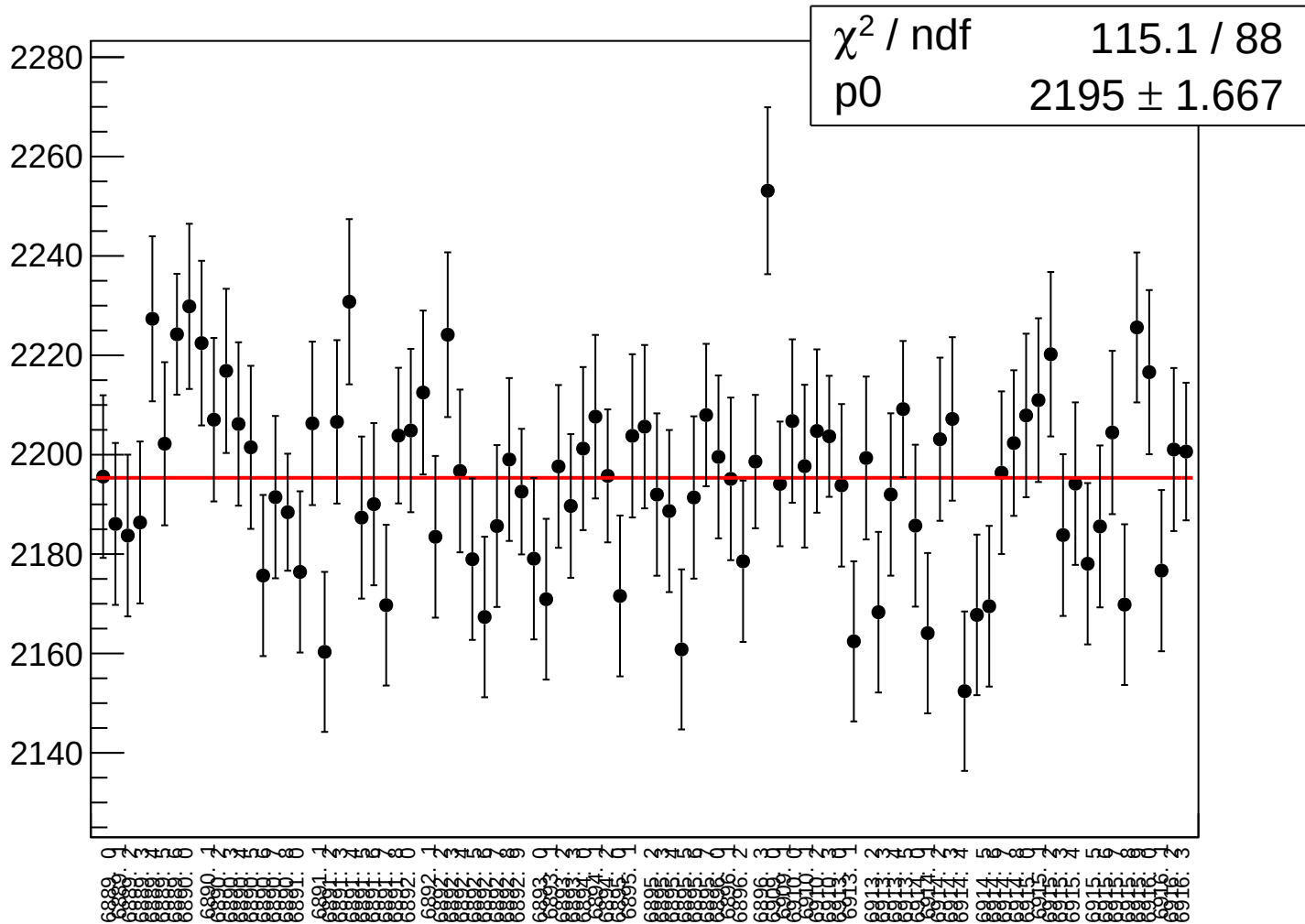
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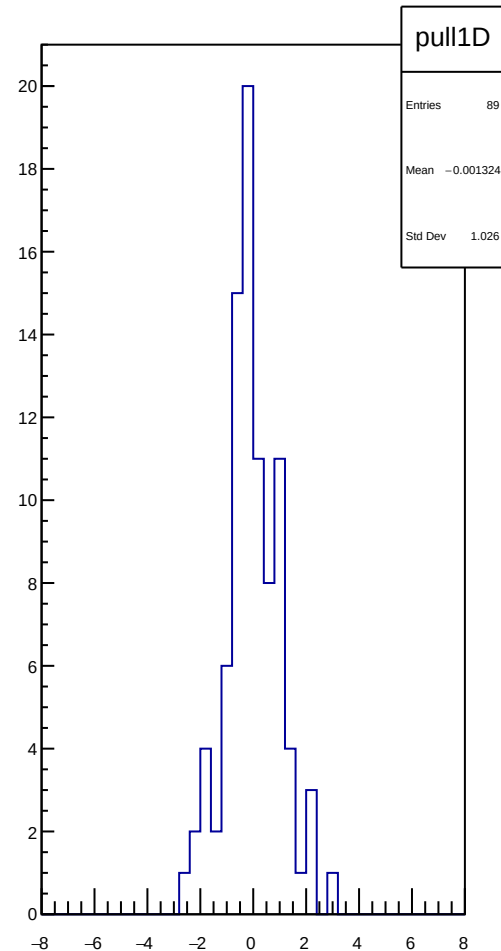
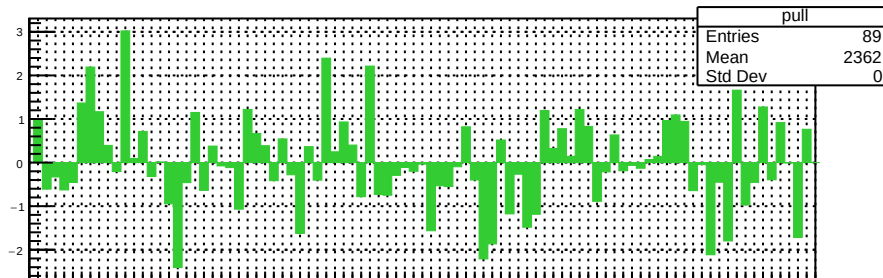
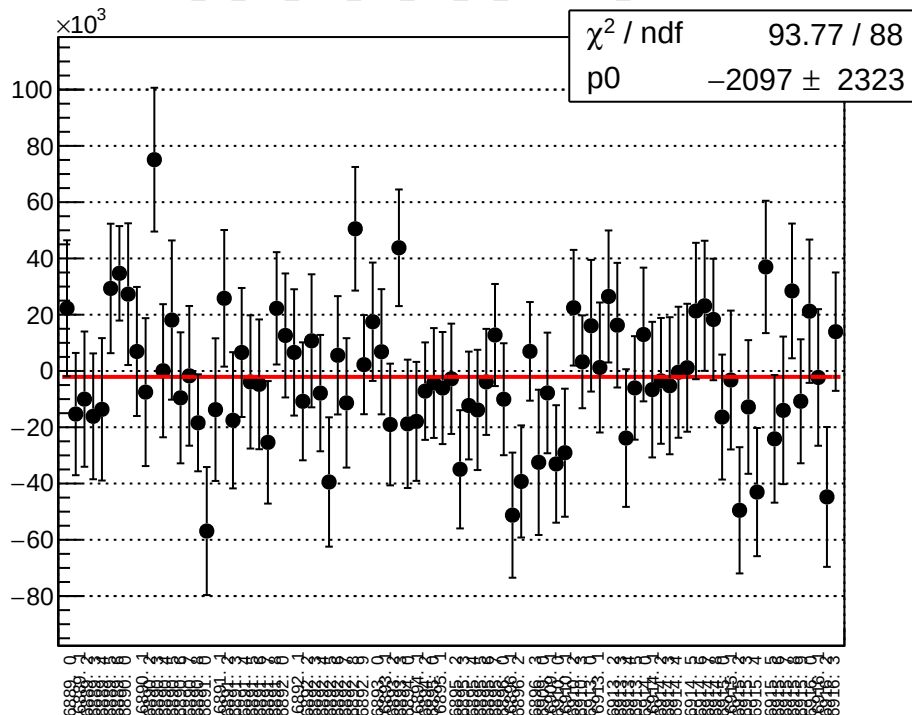
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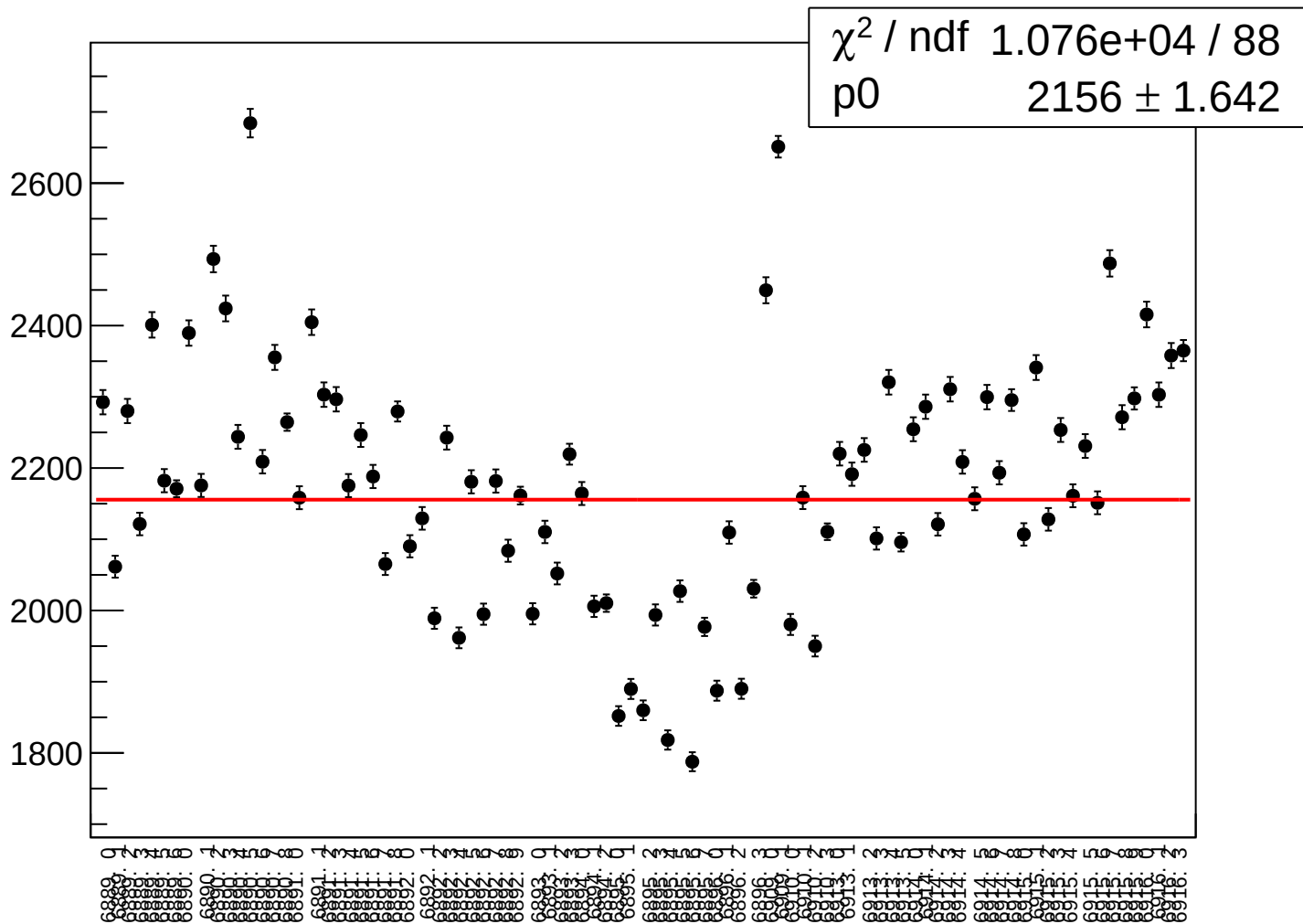
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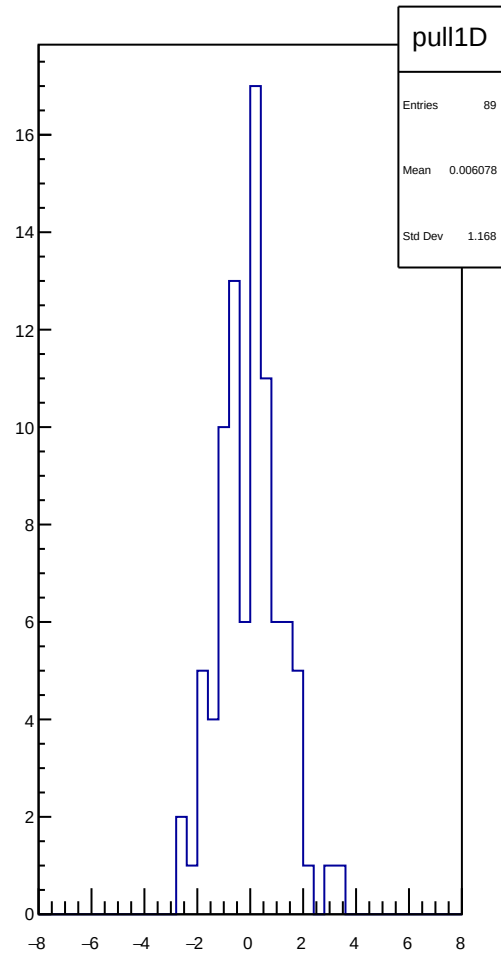
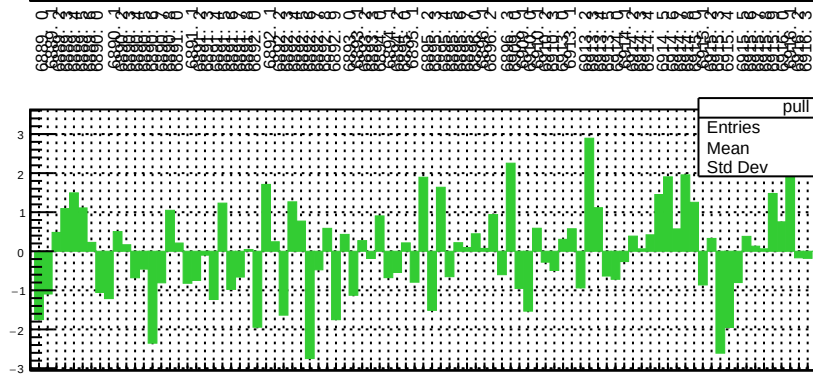
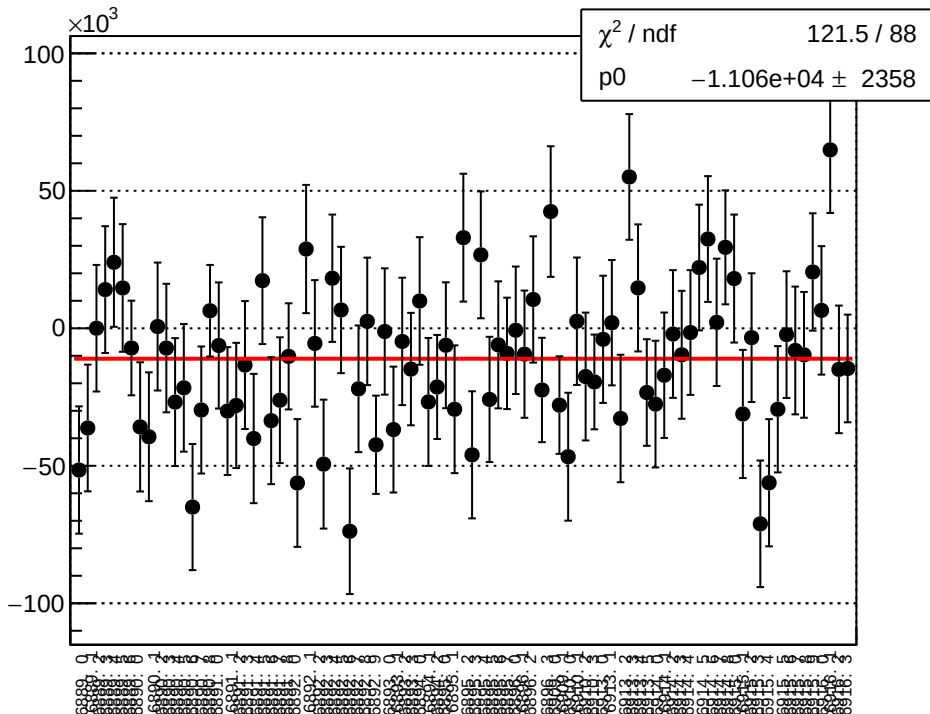
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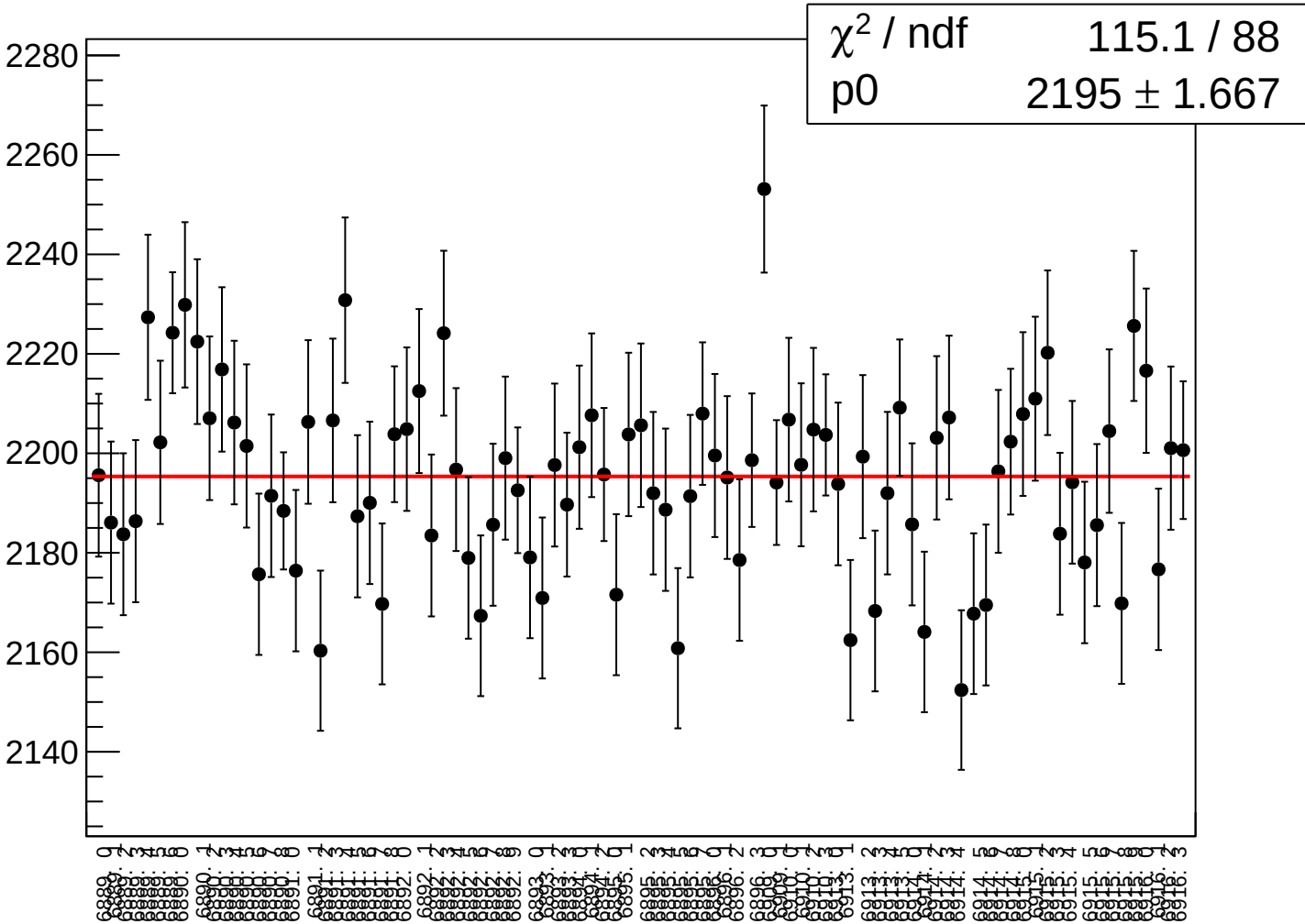
asym_us_avg_at1lr_avg_avg_dit_correction_rms vs run



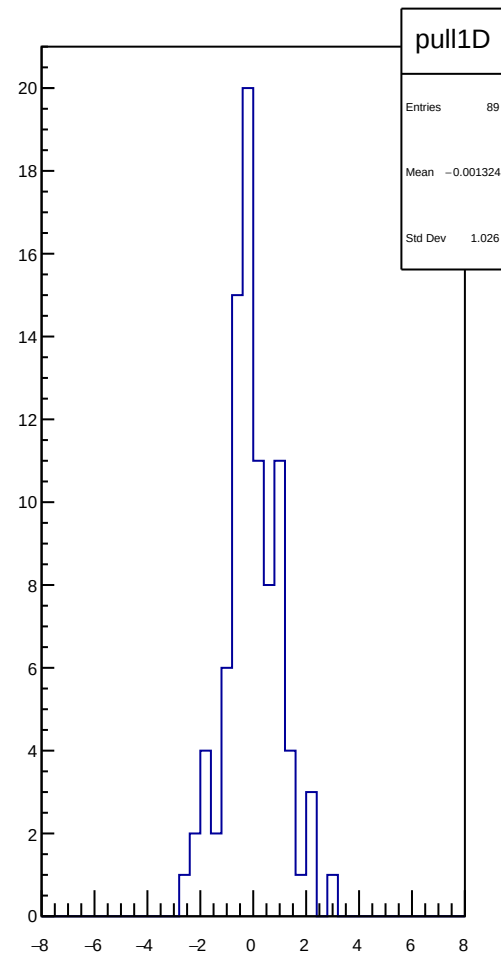
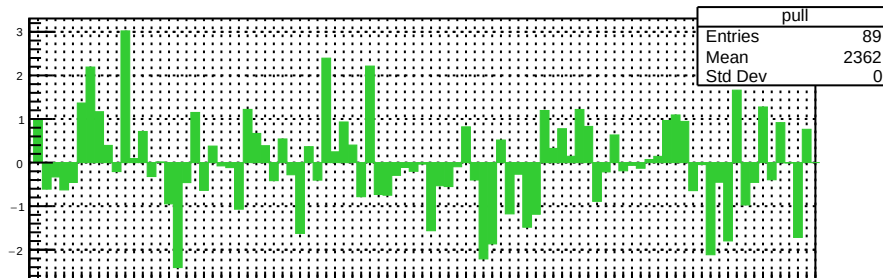
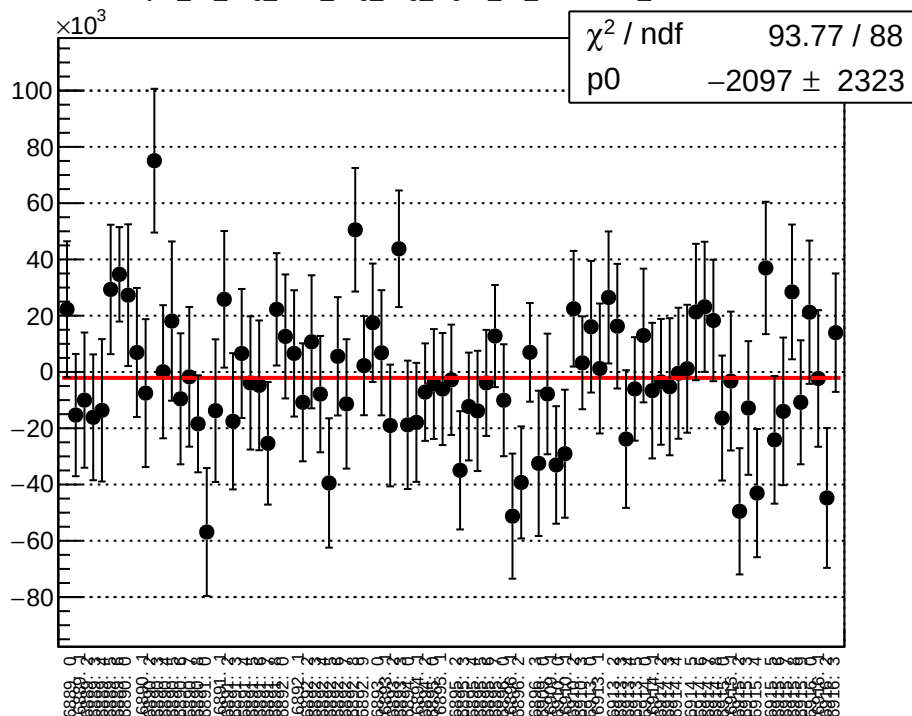
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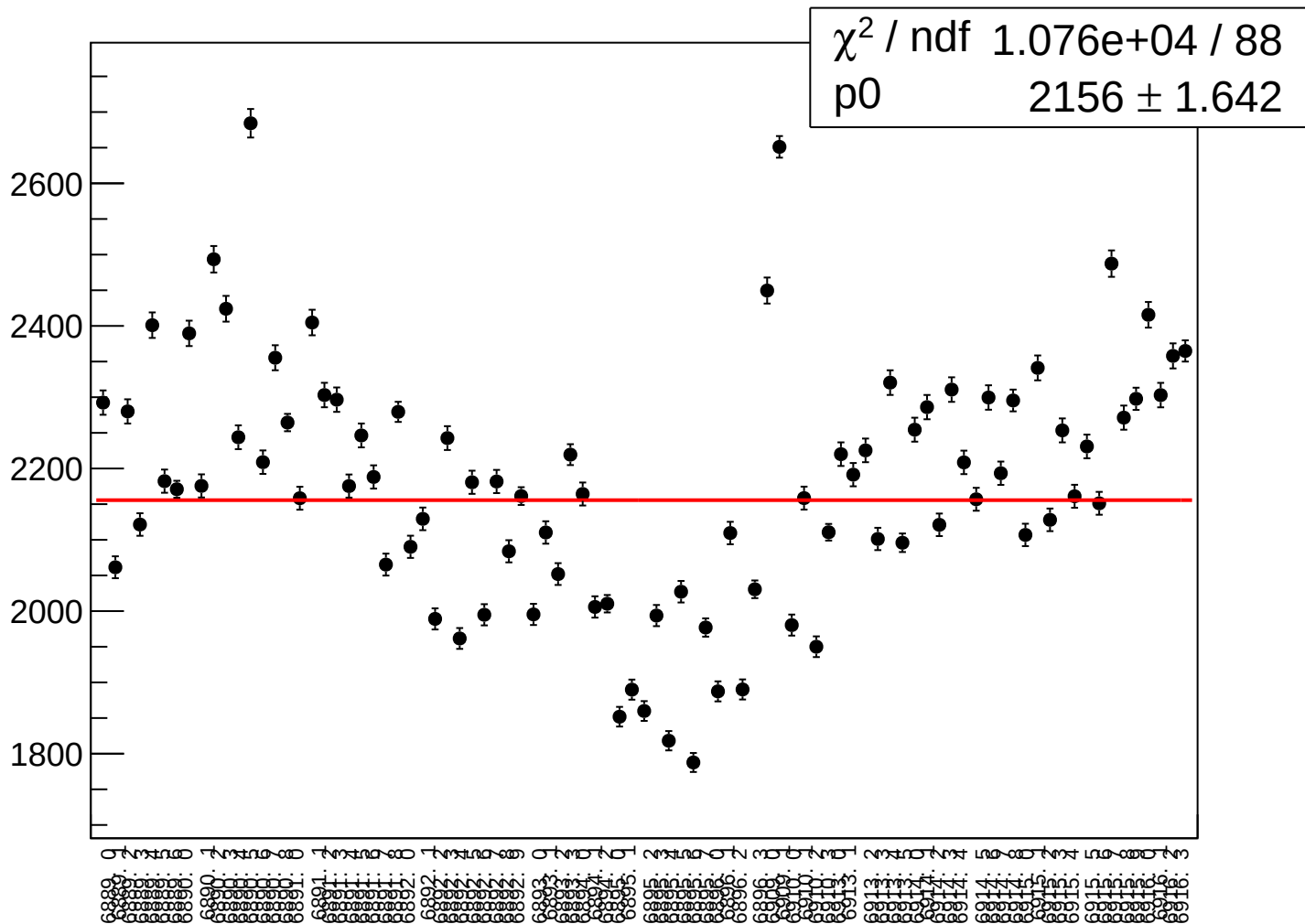
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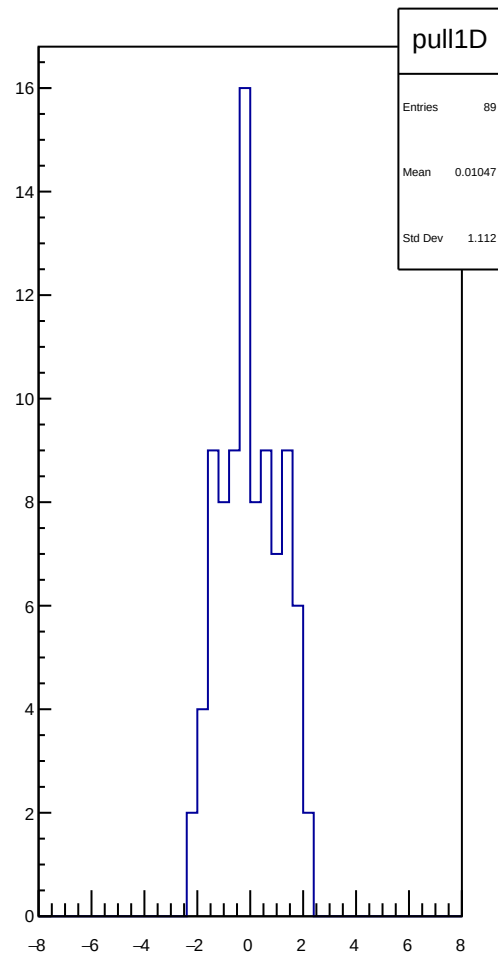
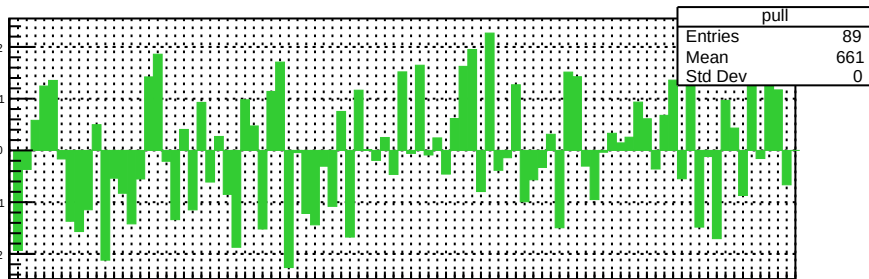
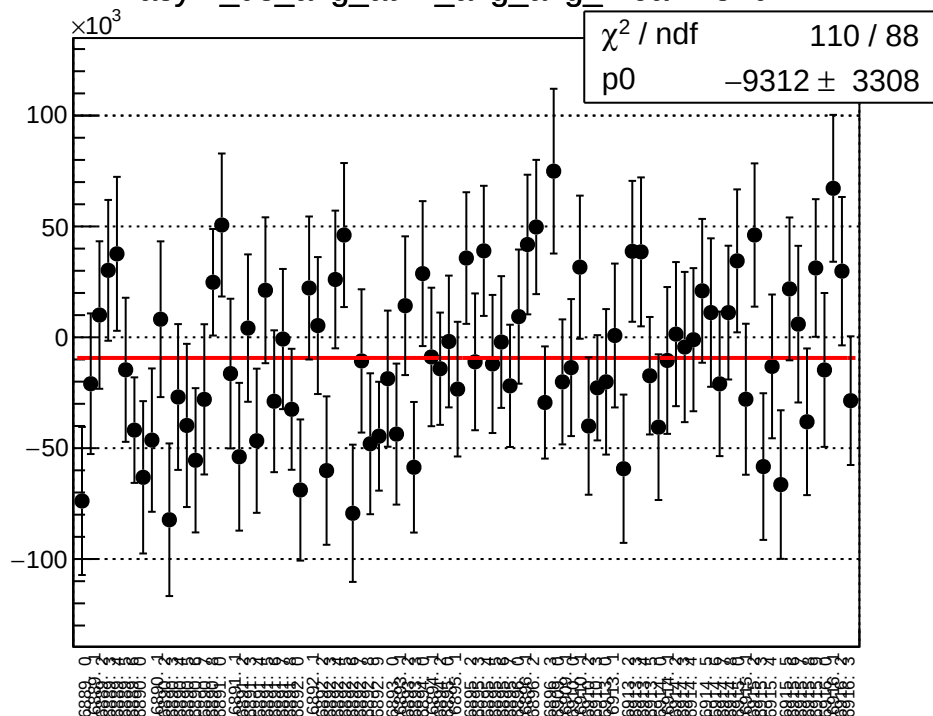
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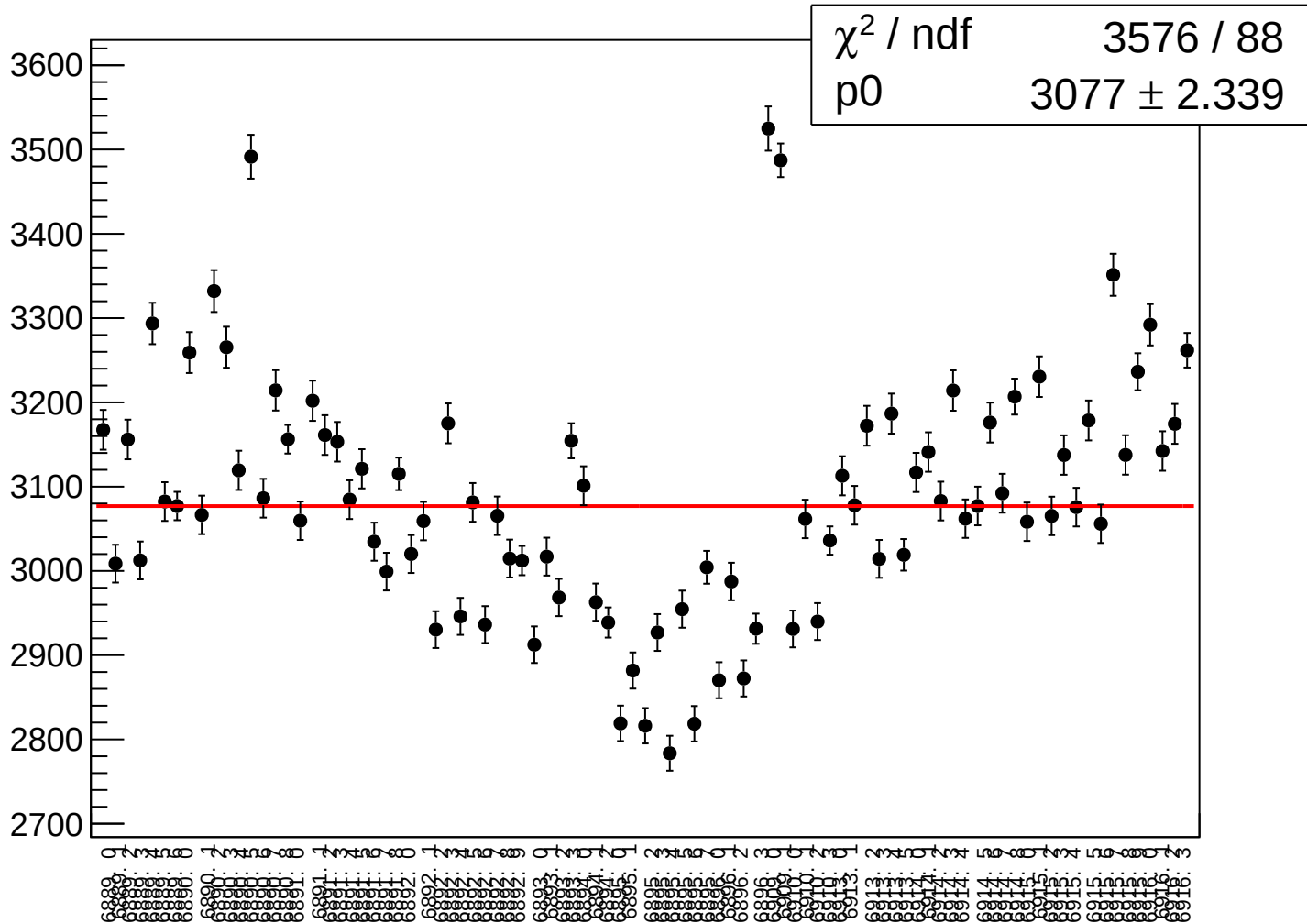
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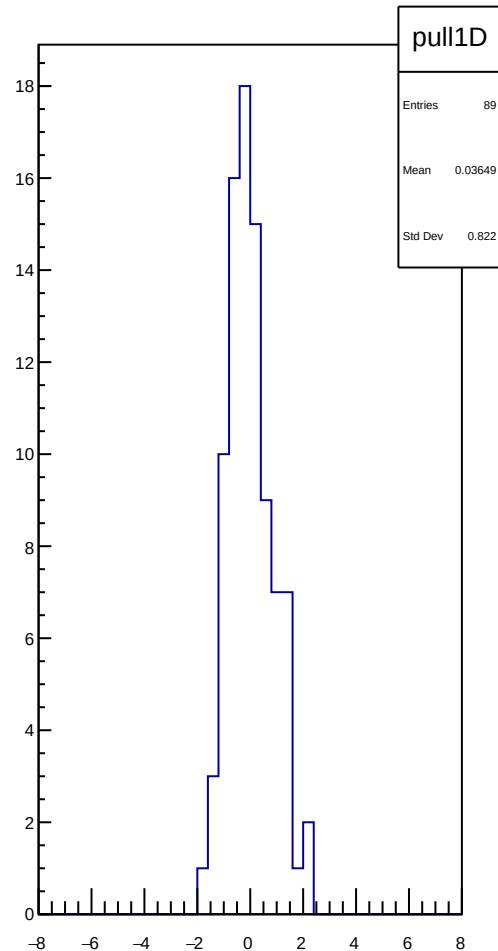
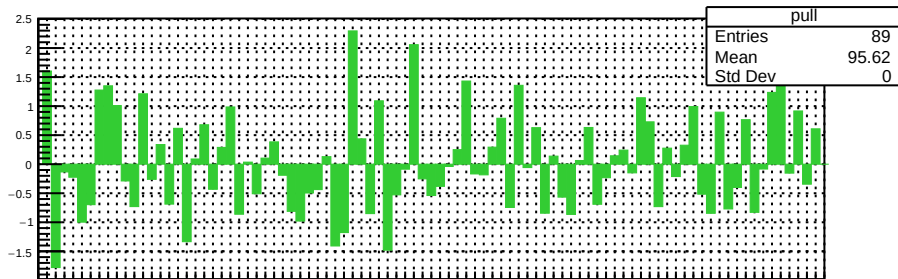
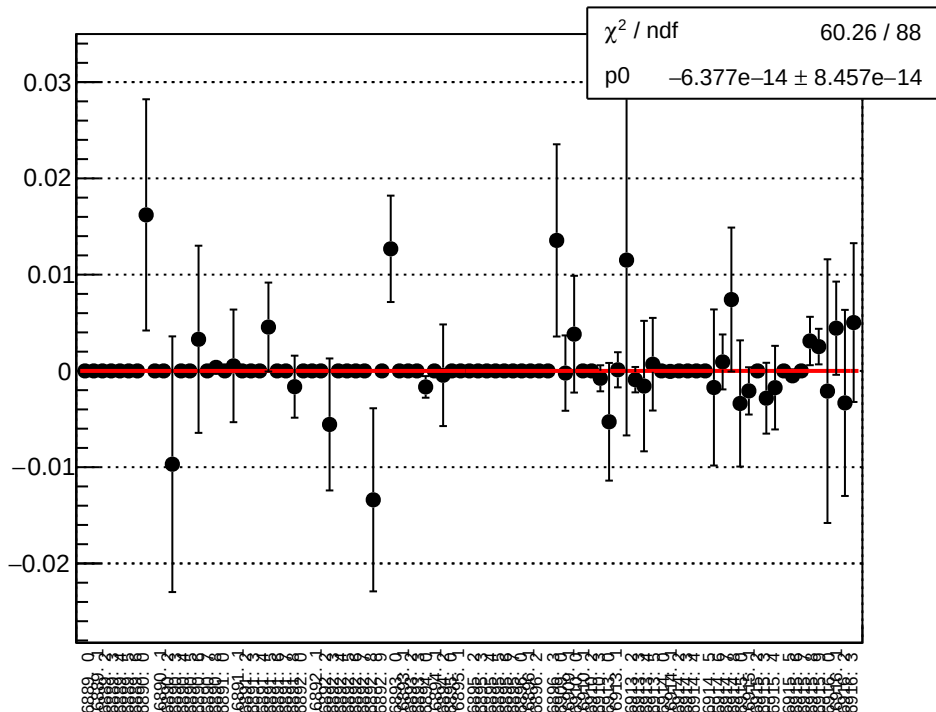
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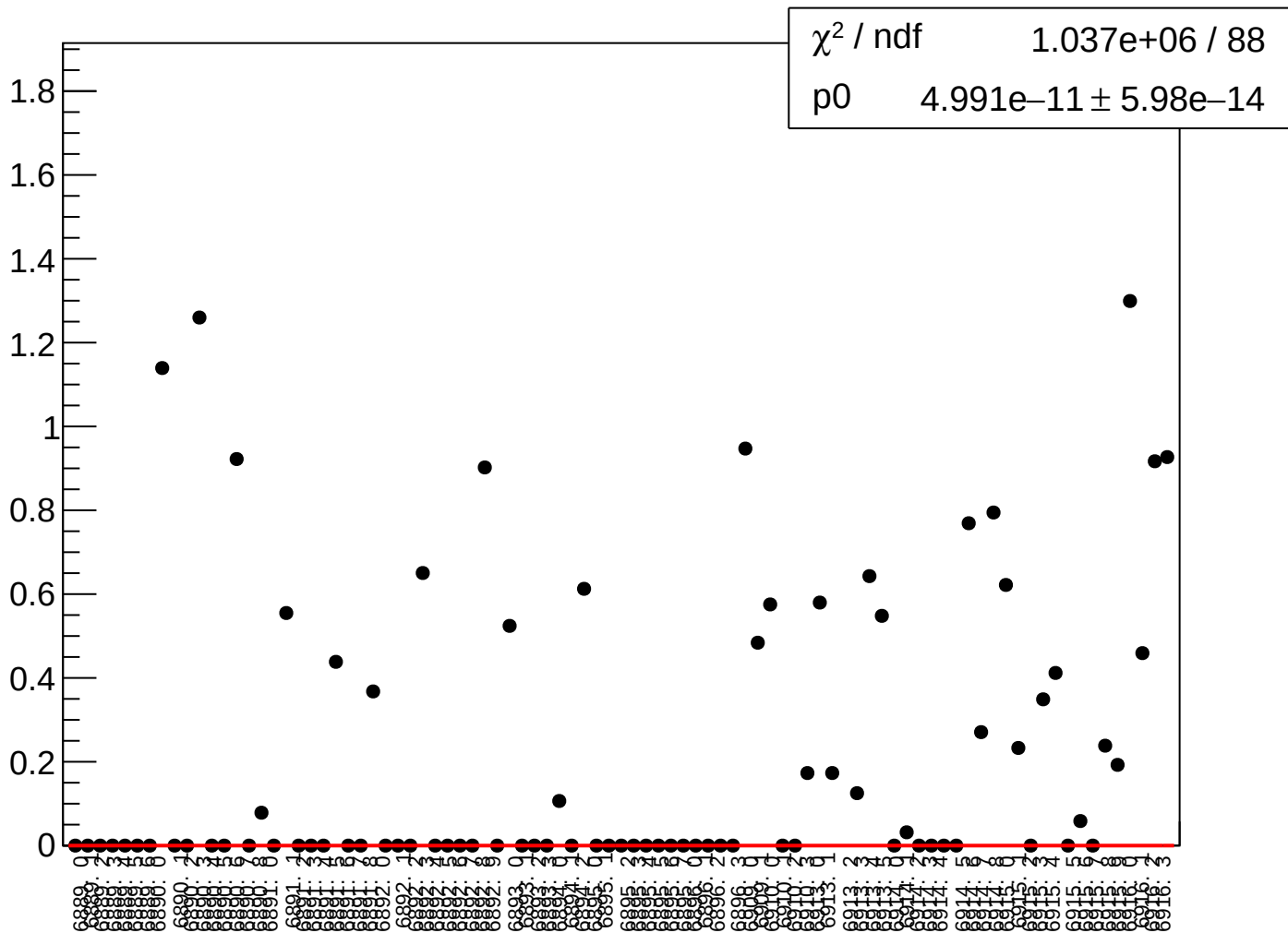
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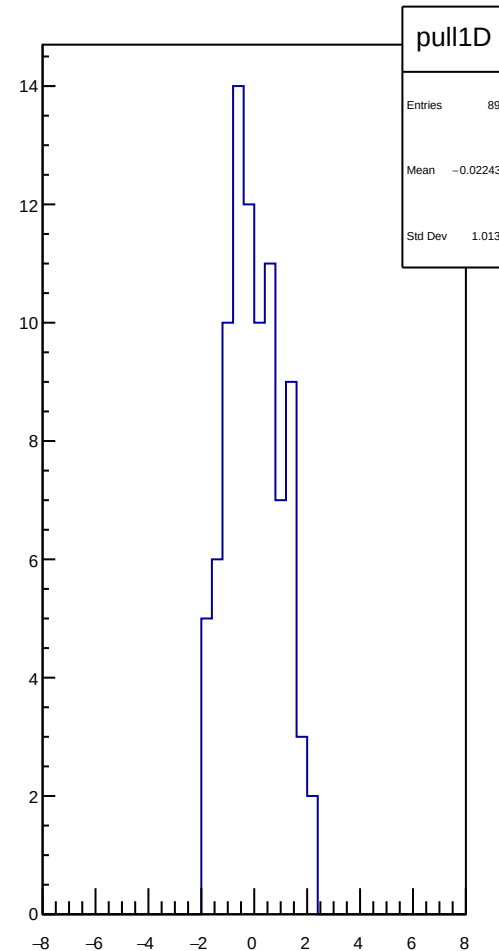
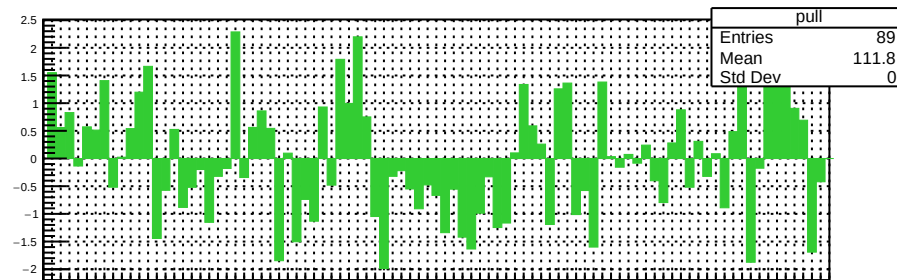
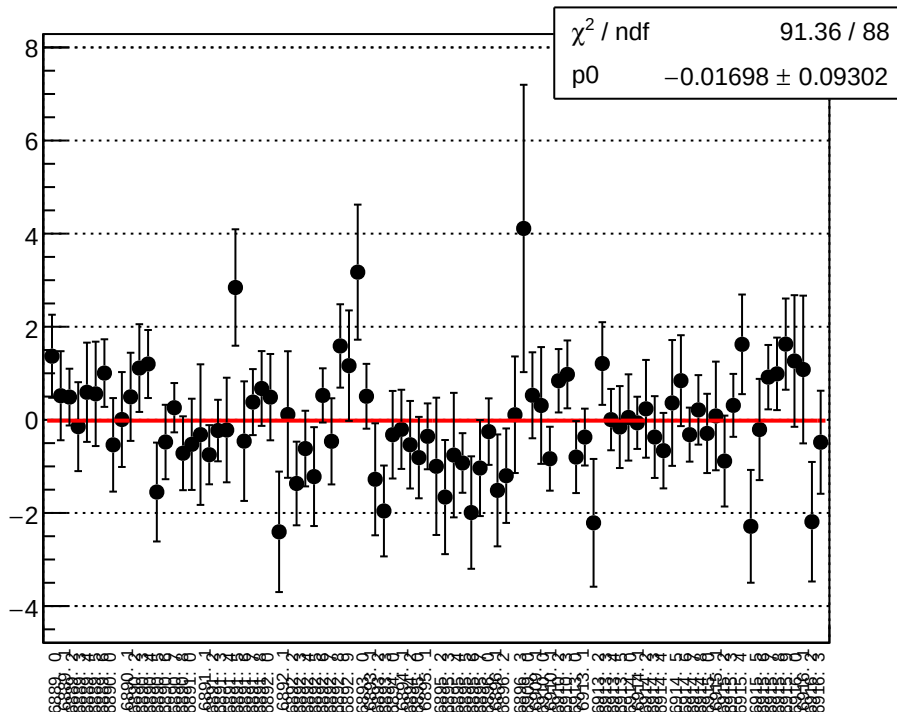
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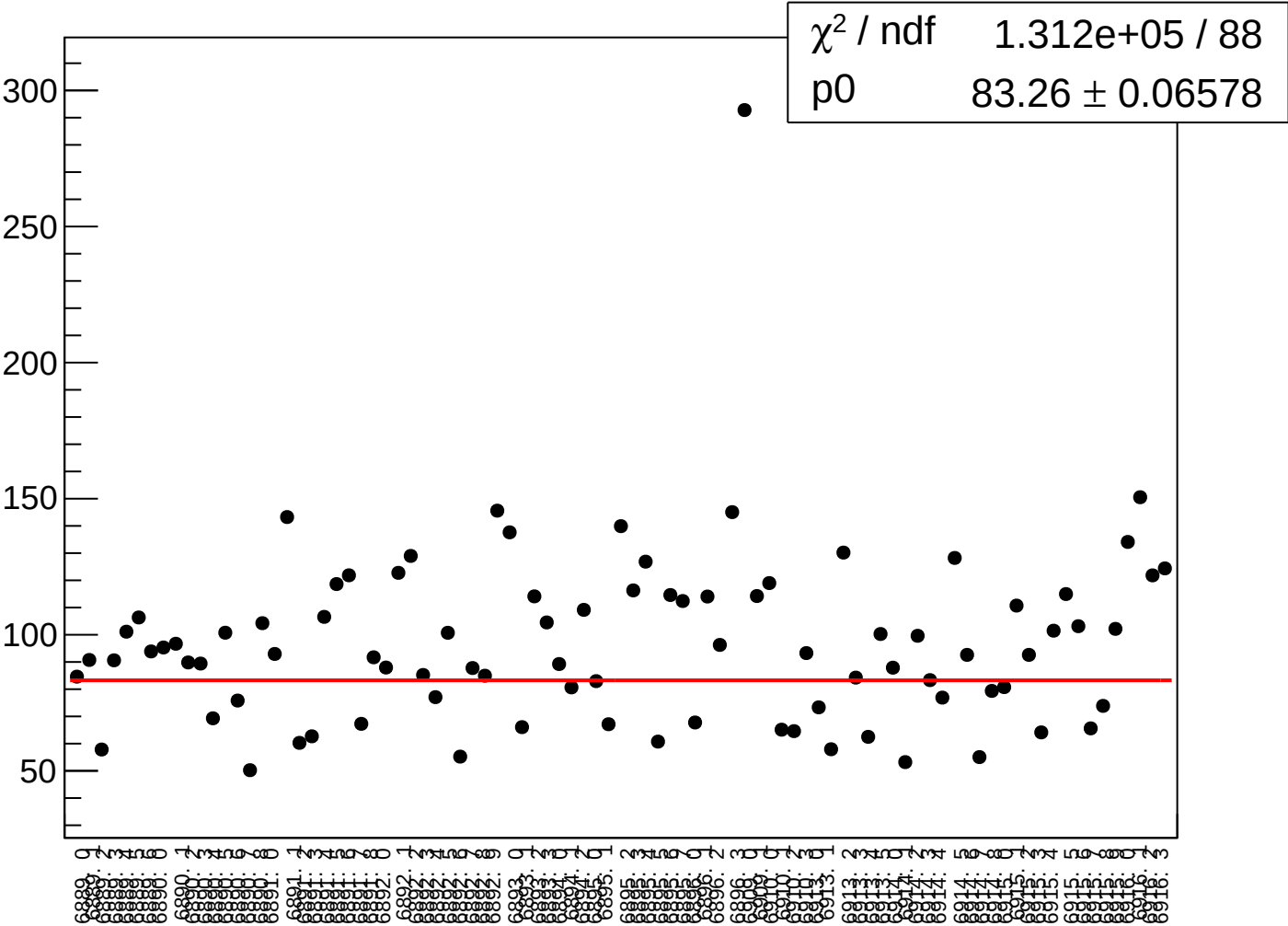
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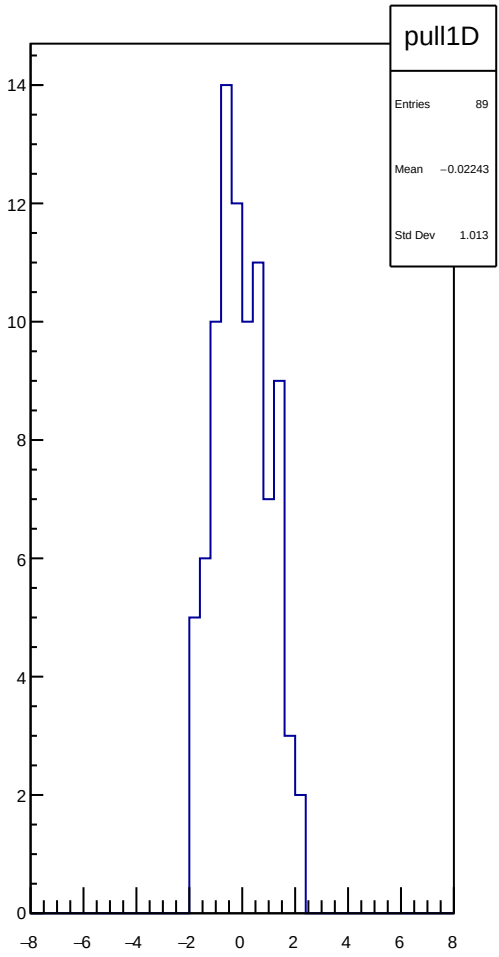
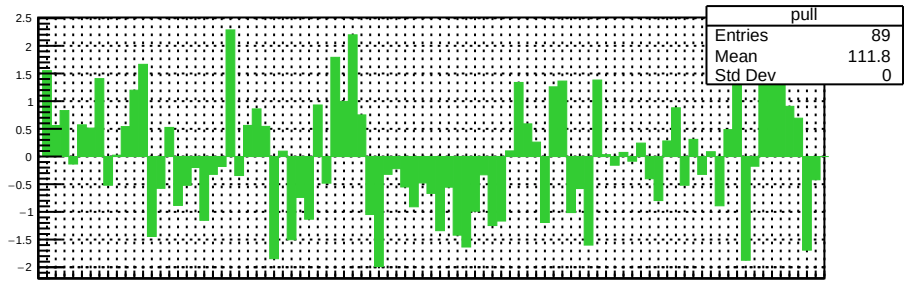
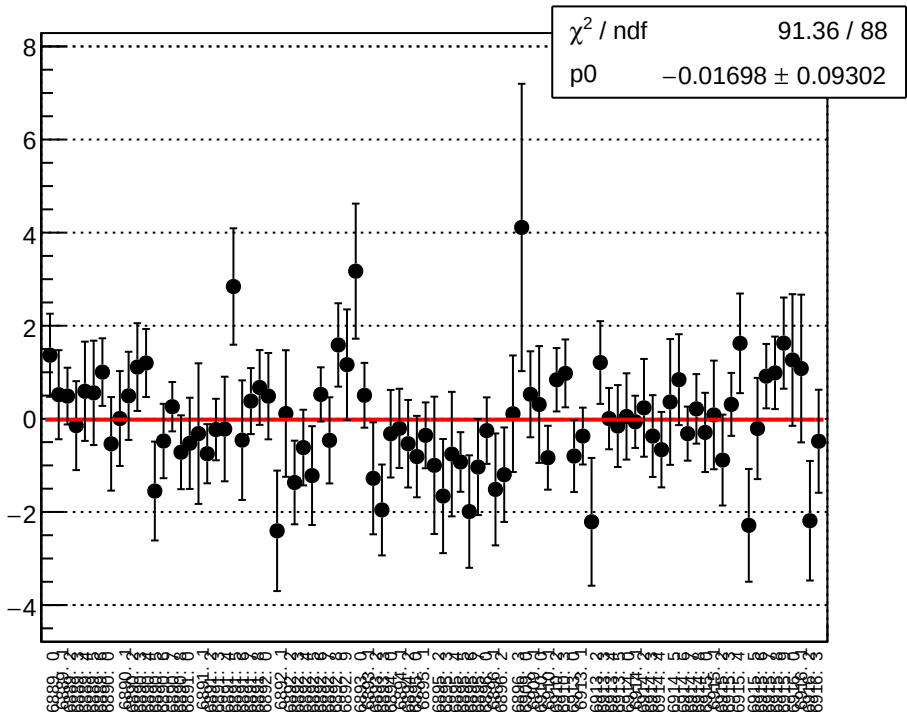
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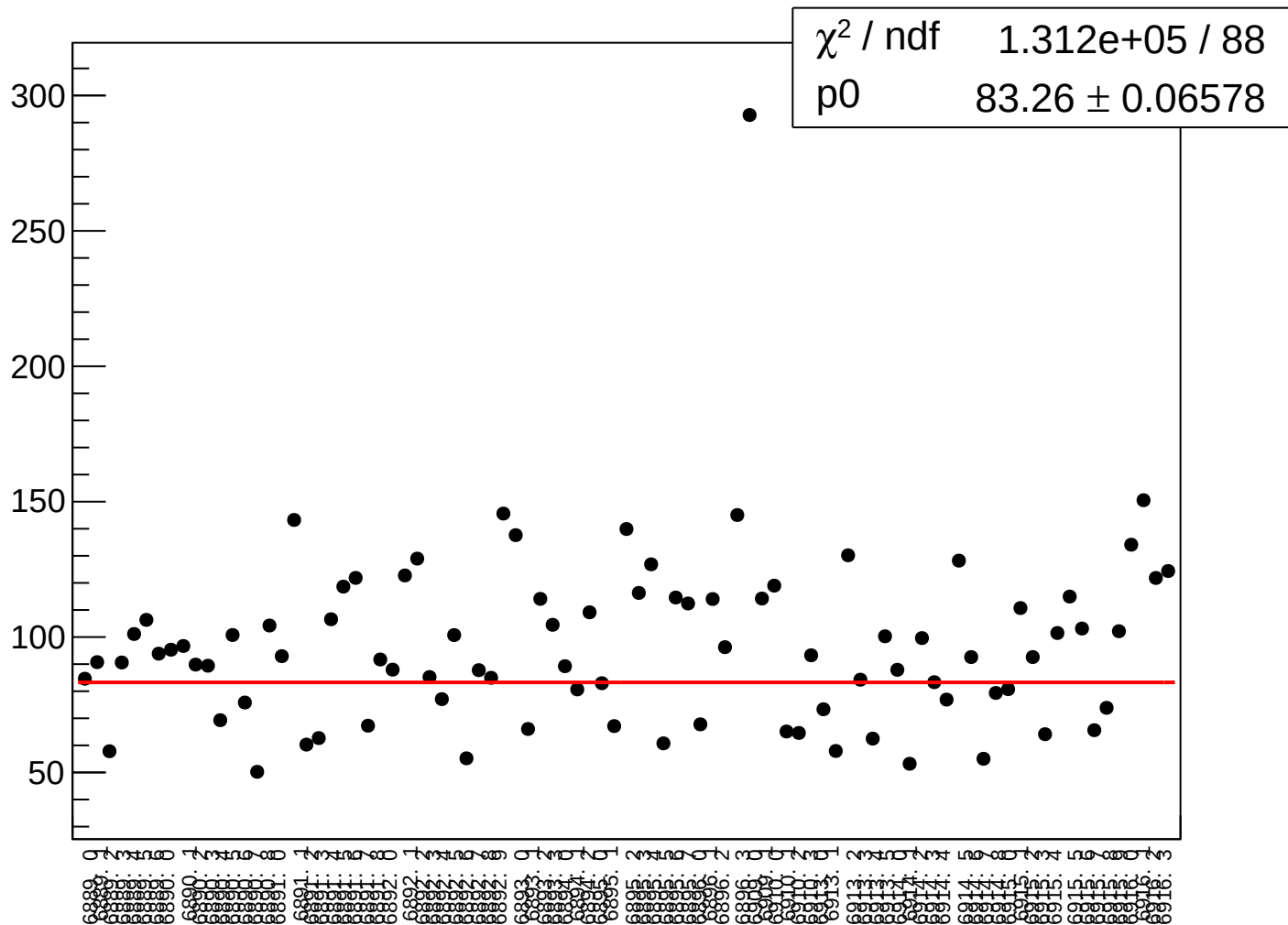
asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs run



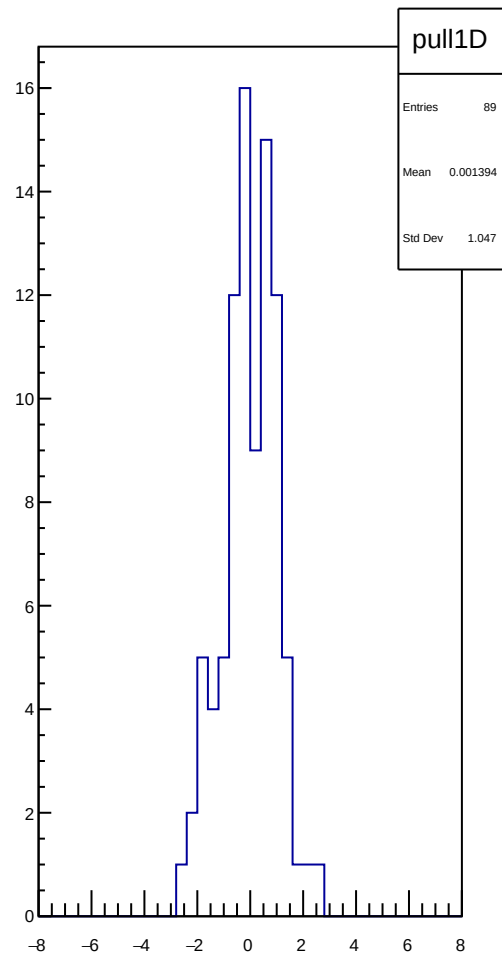
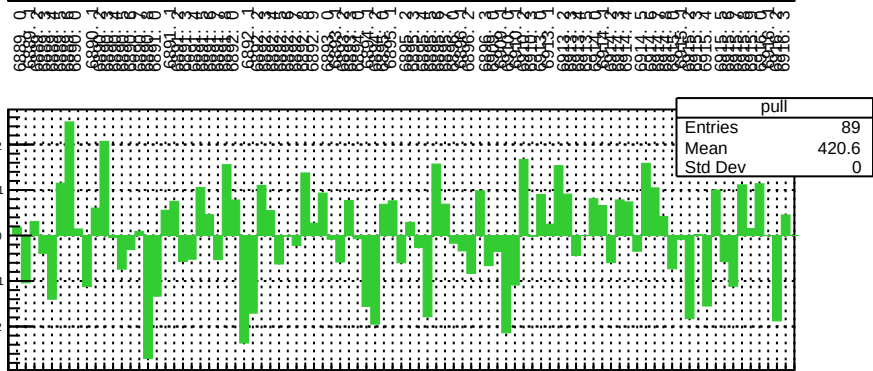
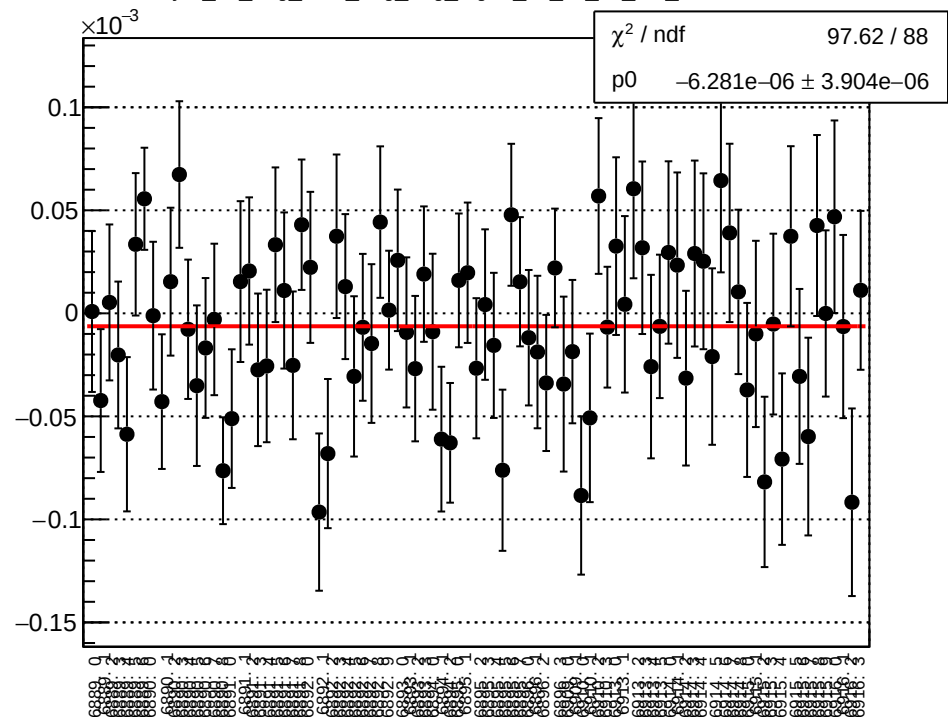
asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs run



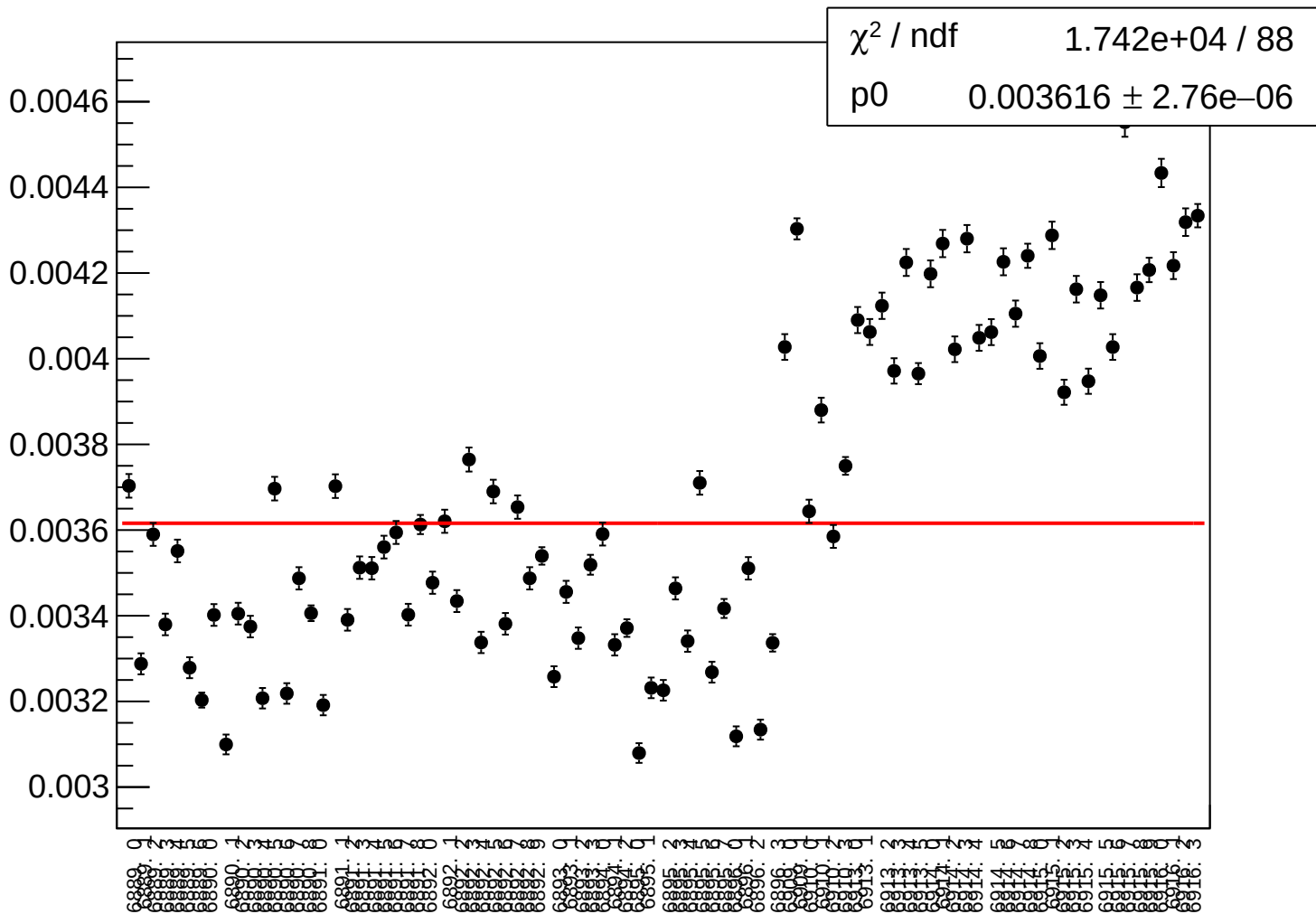
asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs run



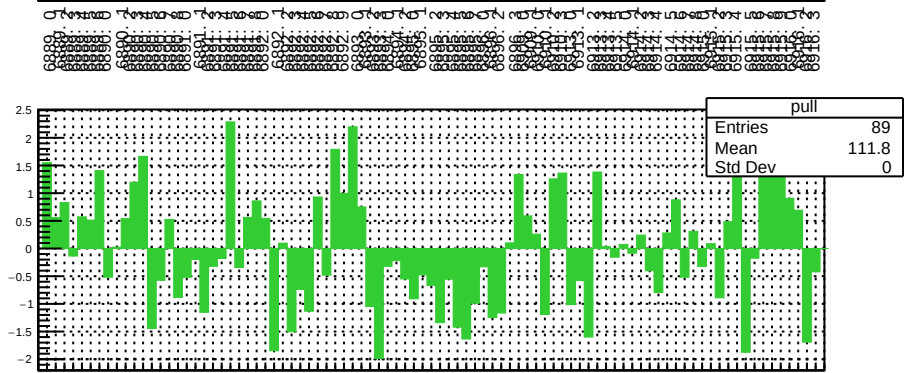
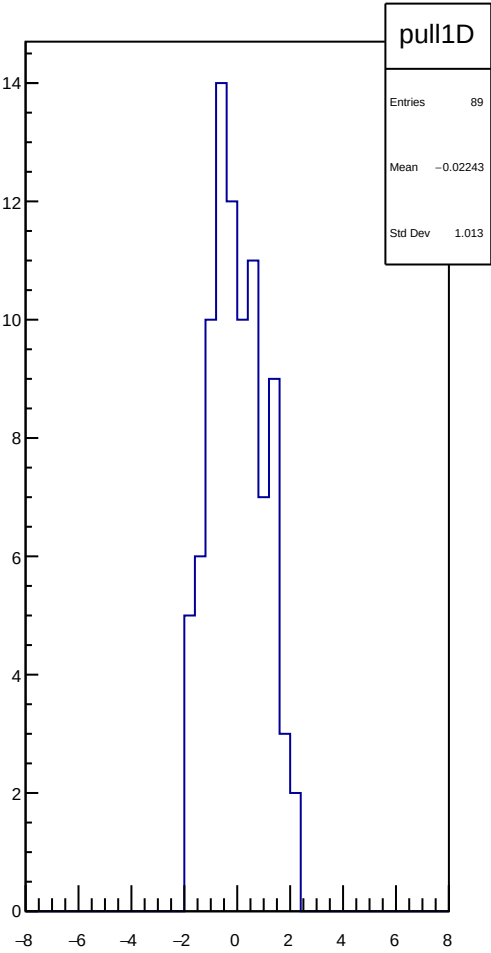
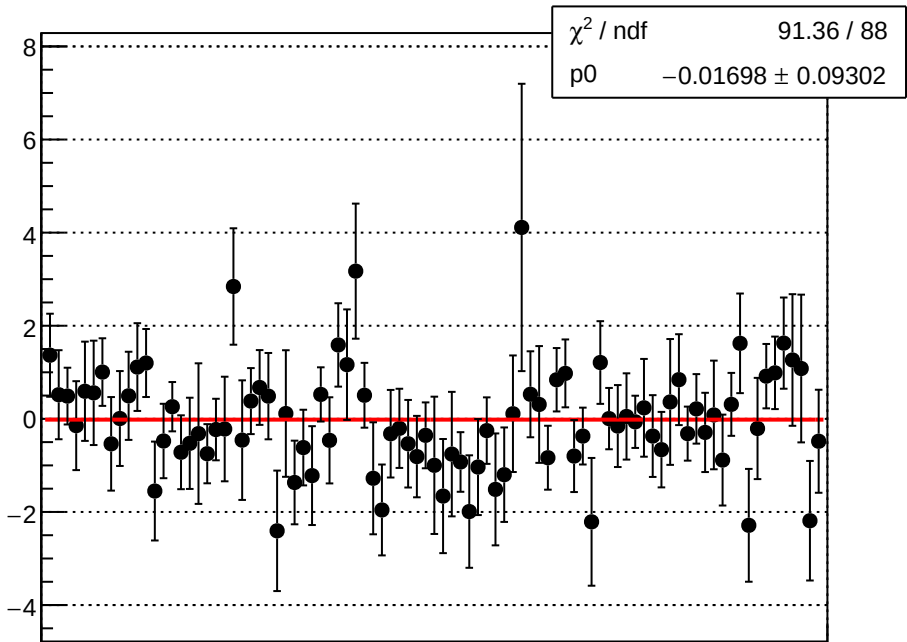
asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_mean vs run



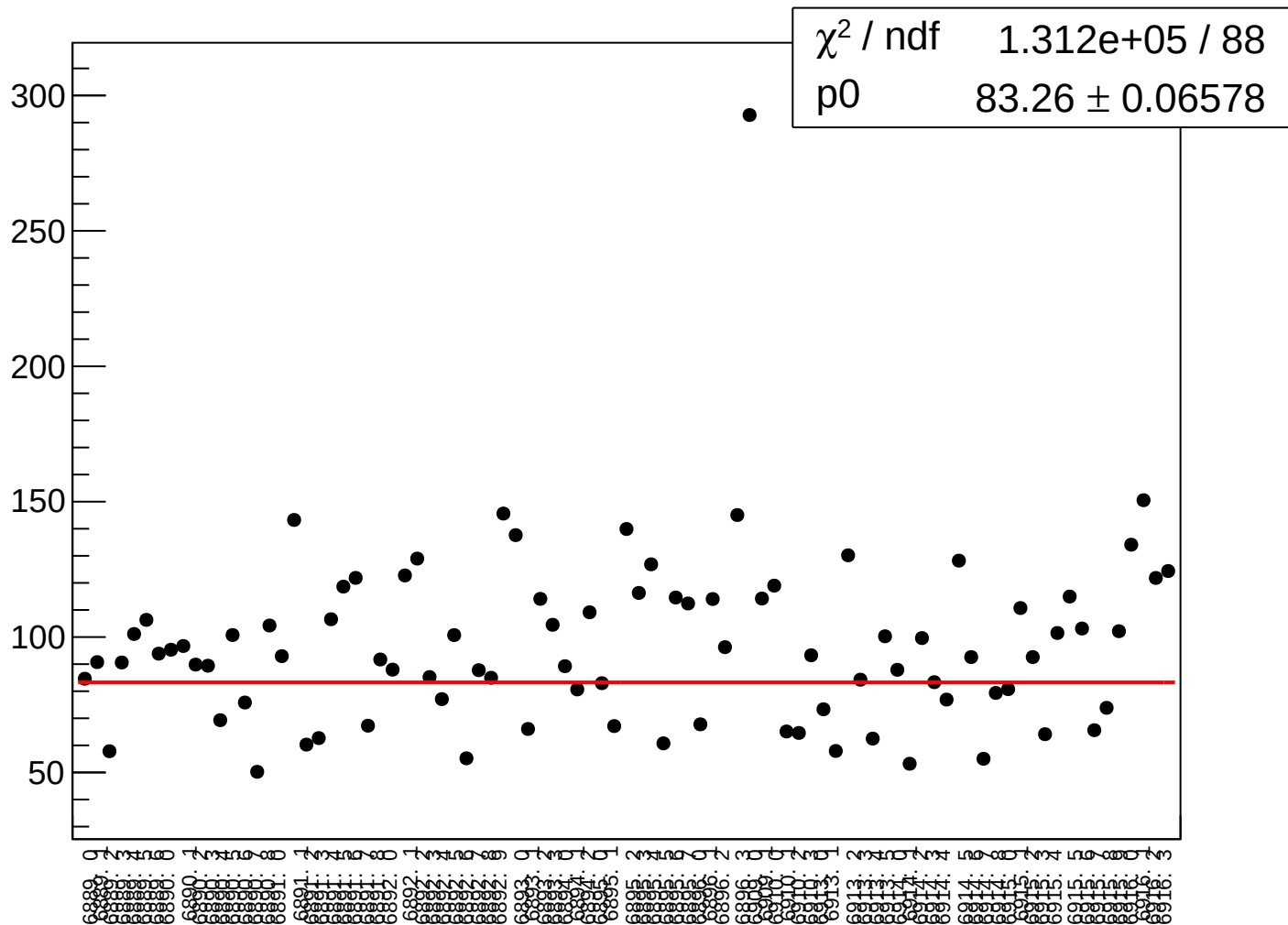
asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_rms vs run



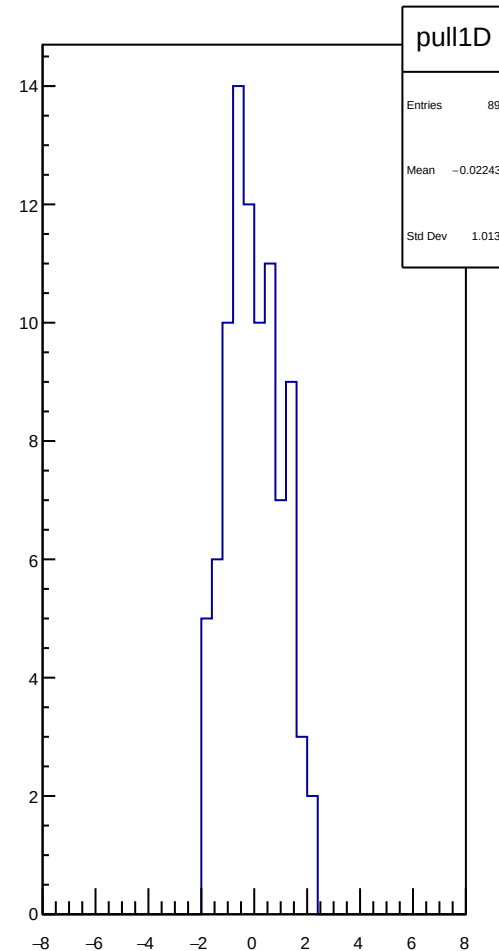
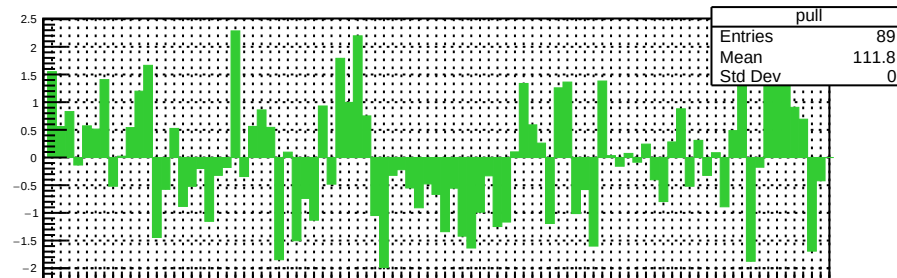
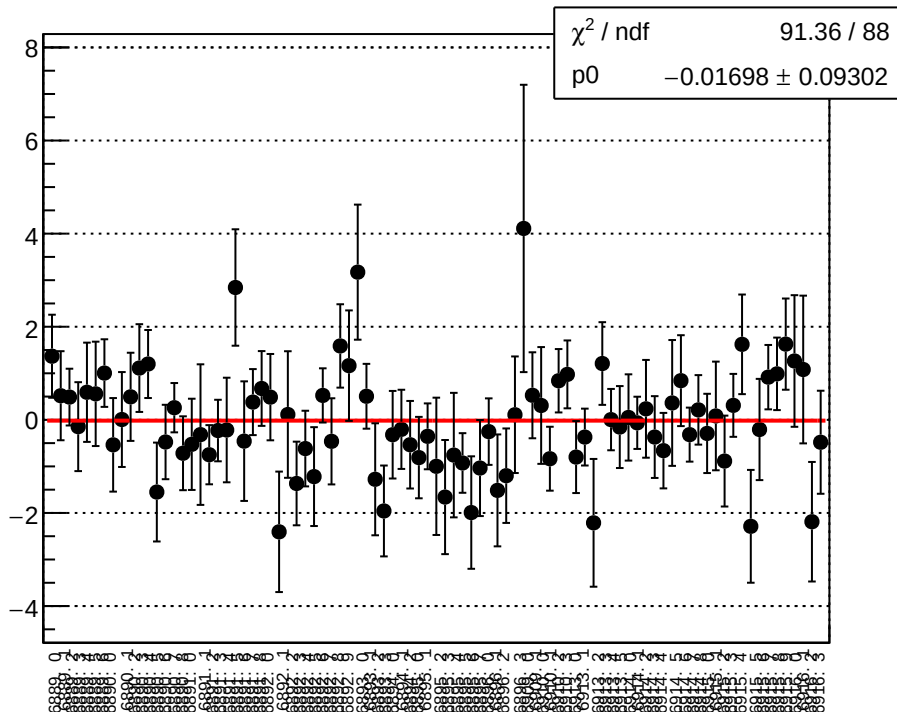
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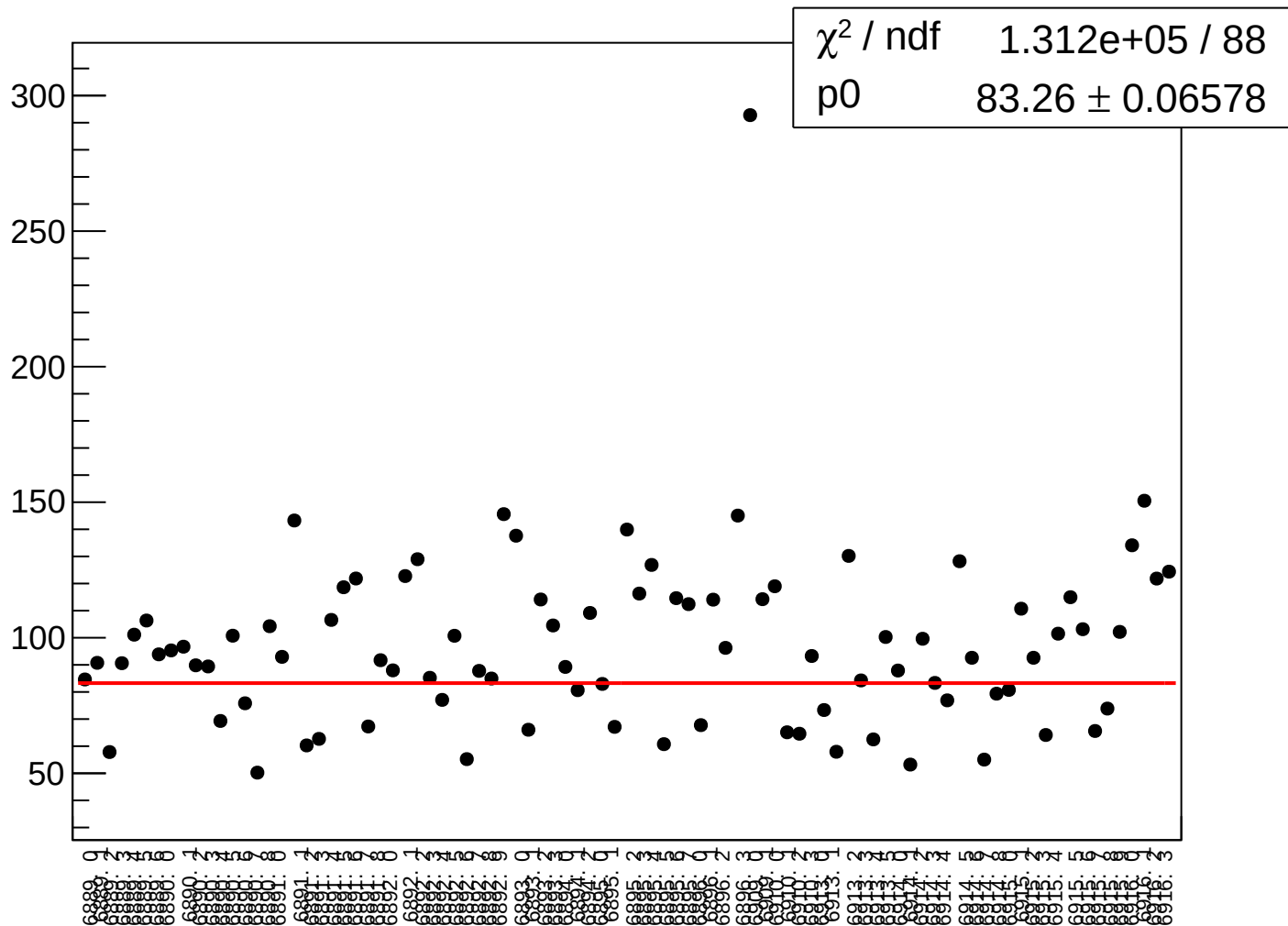
asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs run



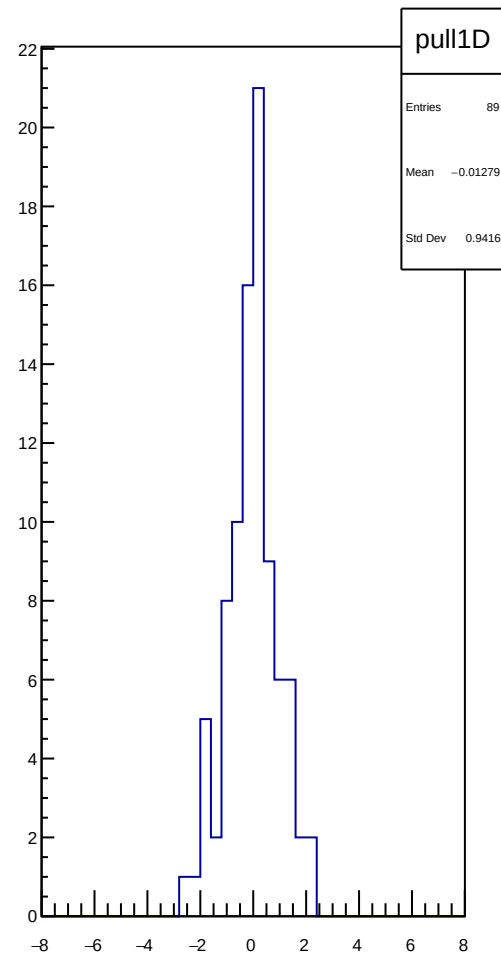
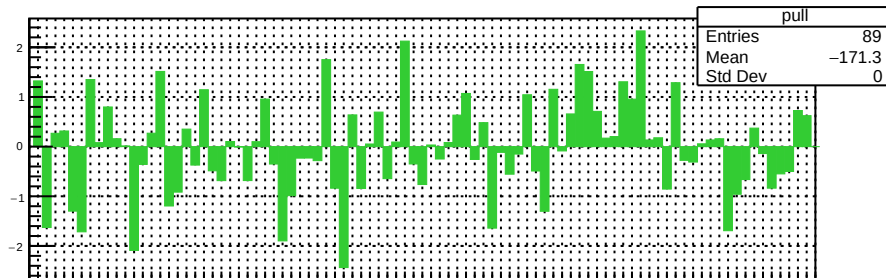
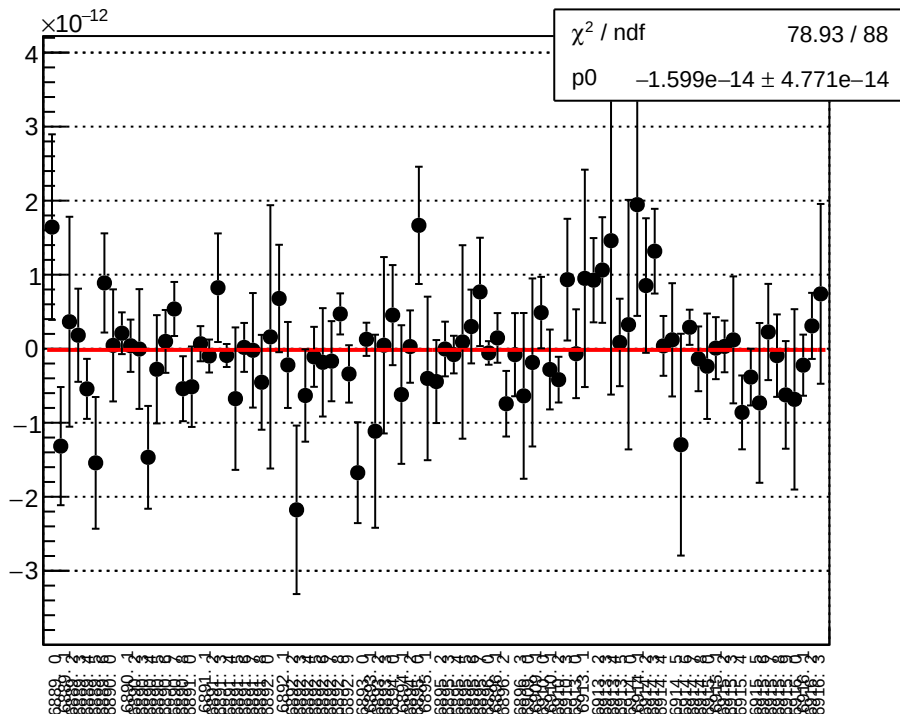
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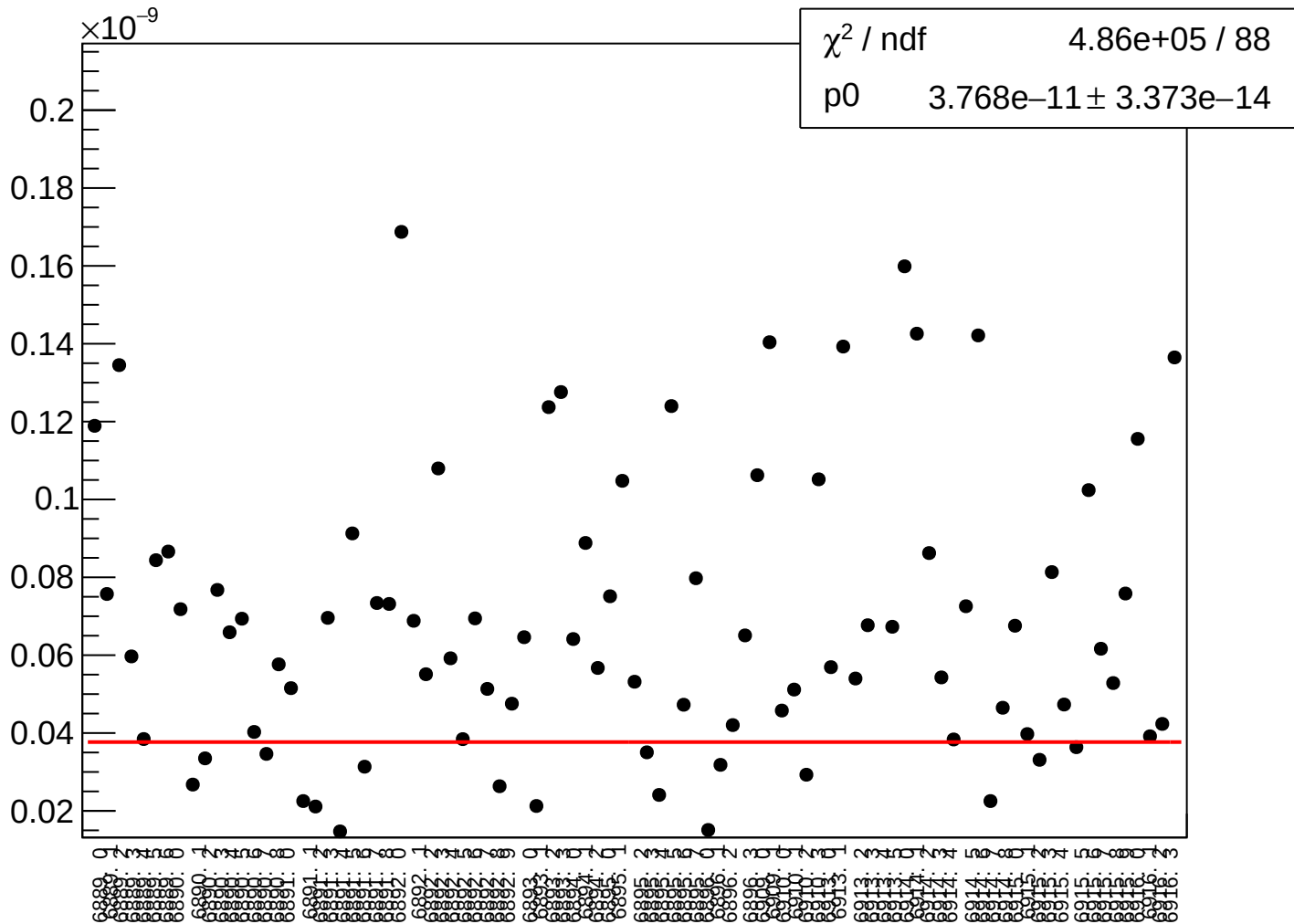
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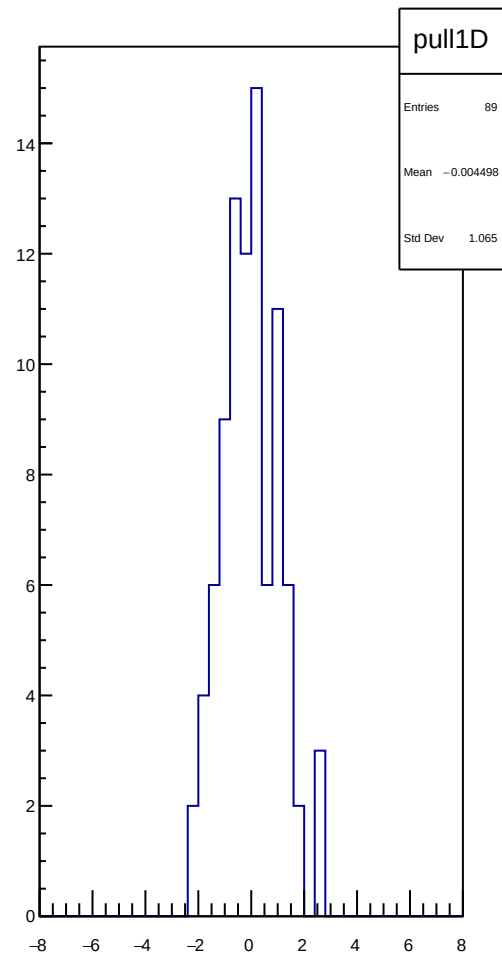
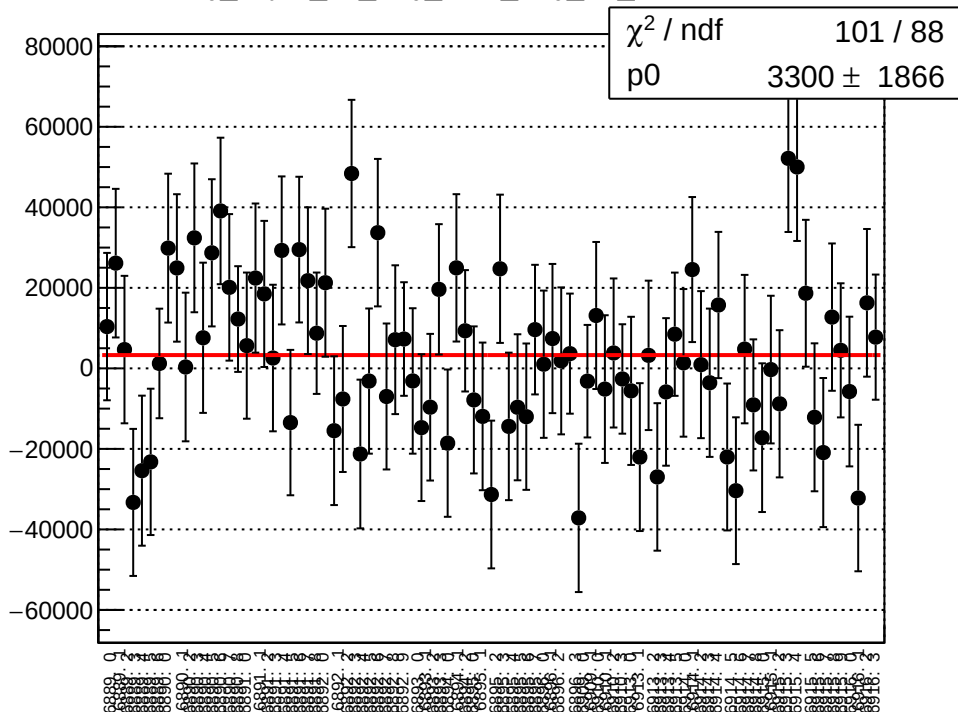
asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_mean vs run



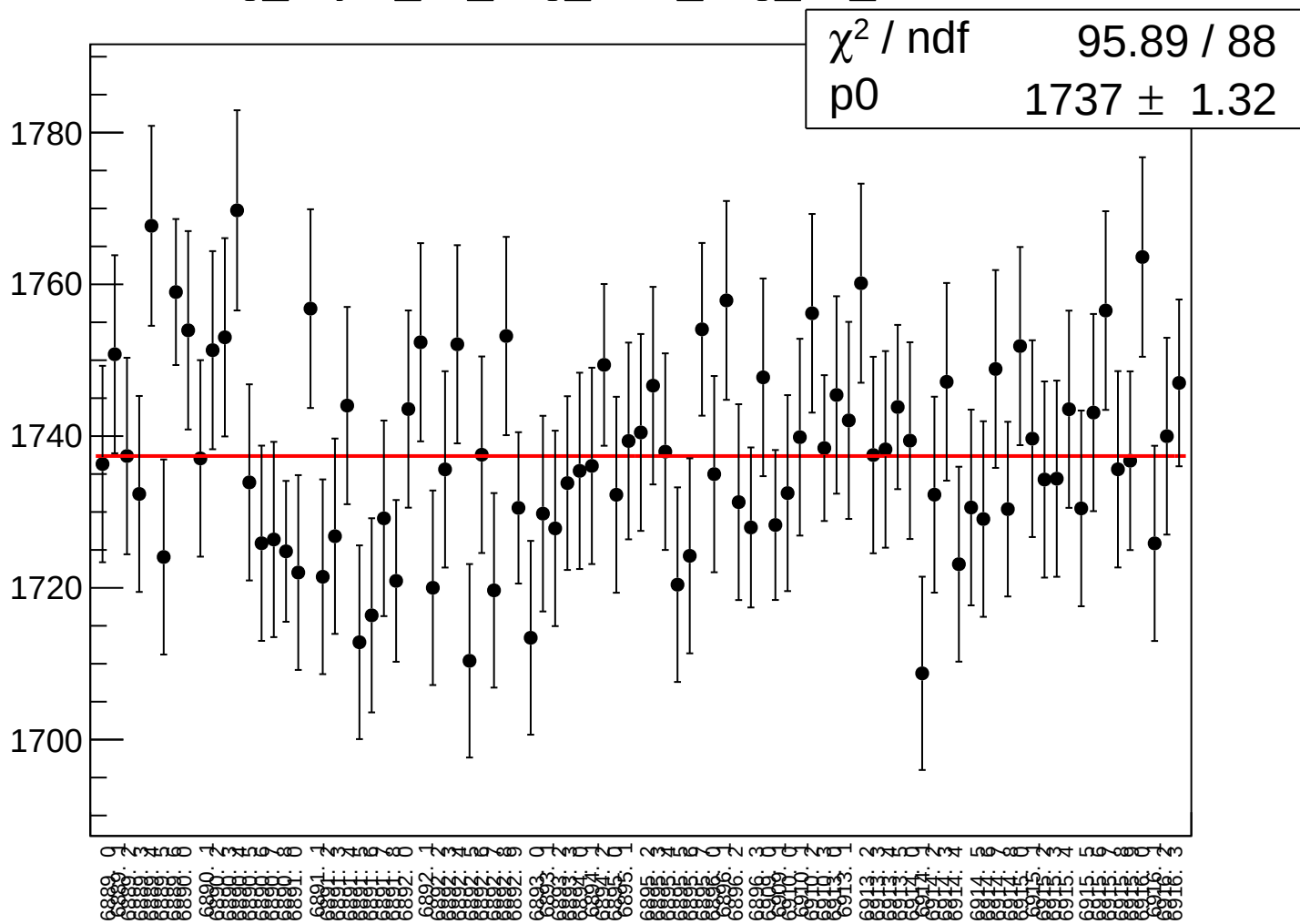
asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_rms vs run



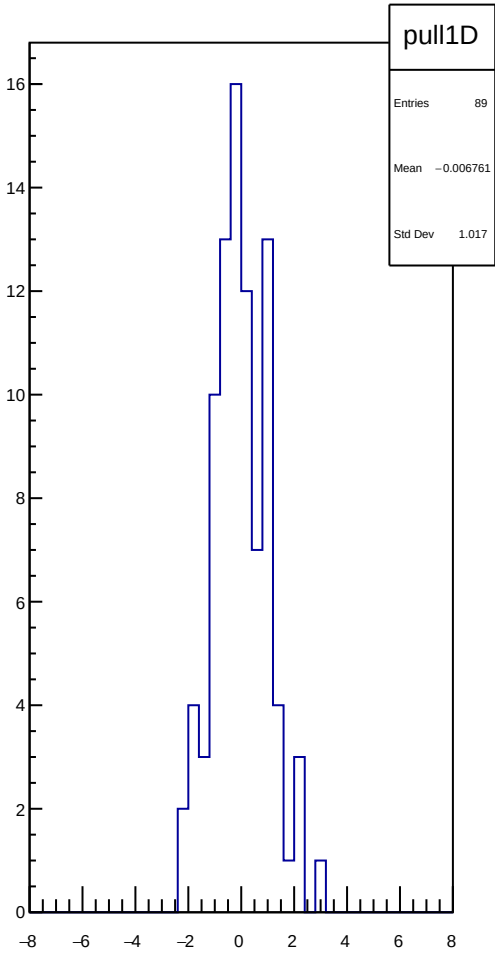
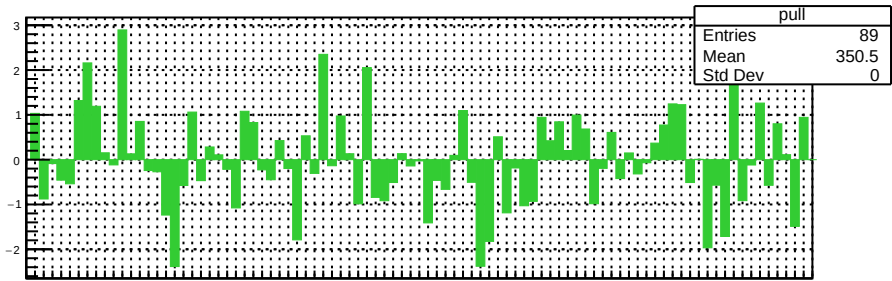
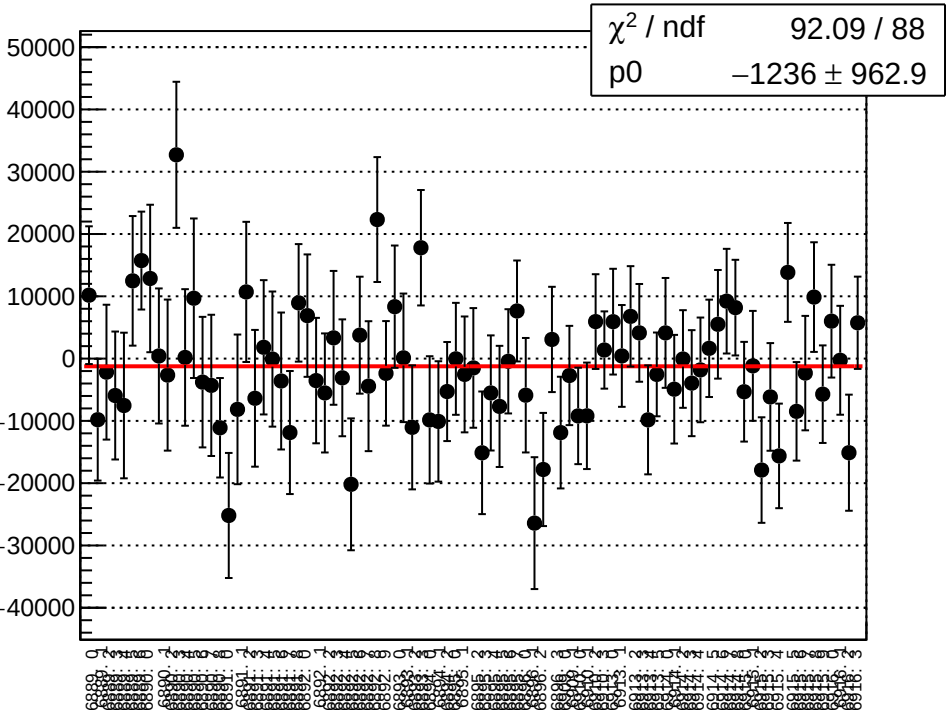
reg_asym_us_avg_at1lr_avg_dd_mean vs run



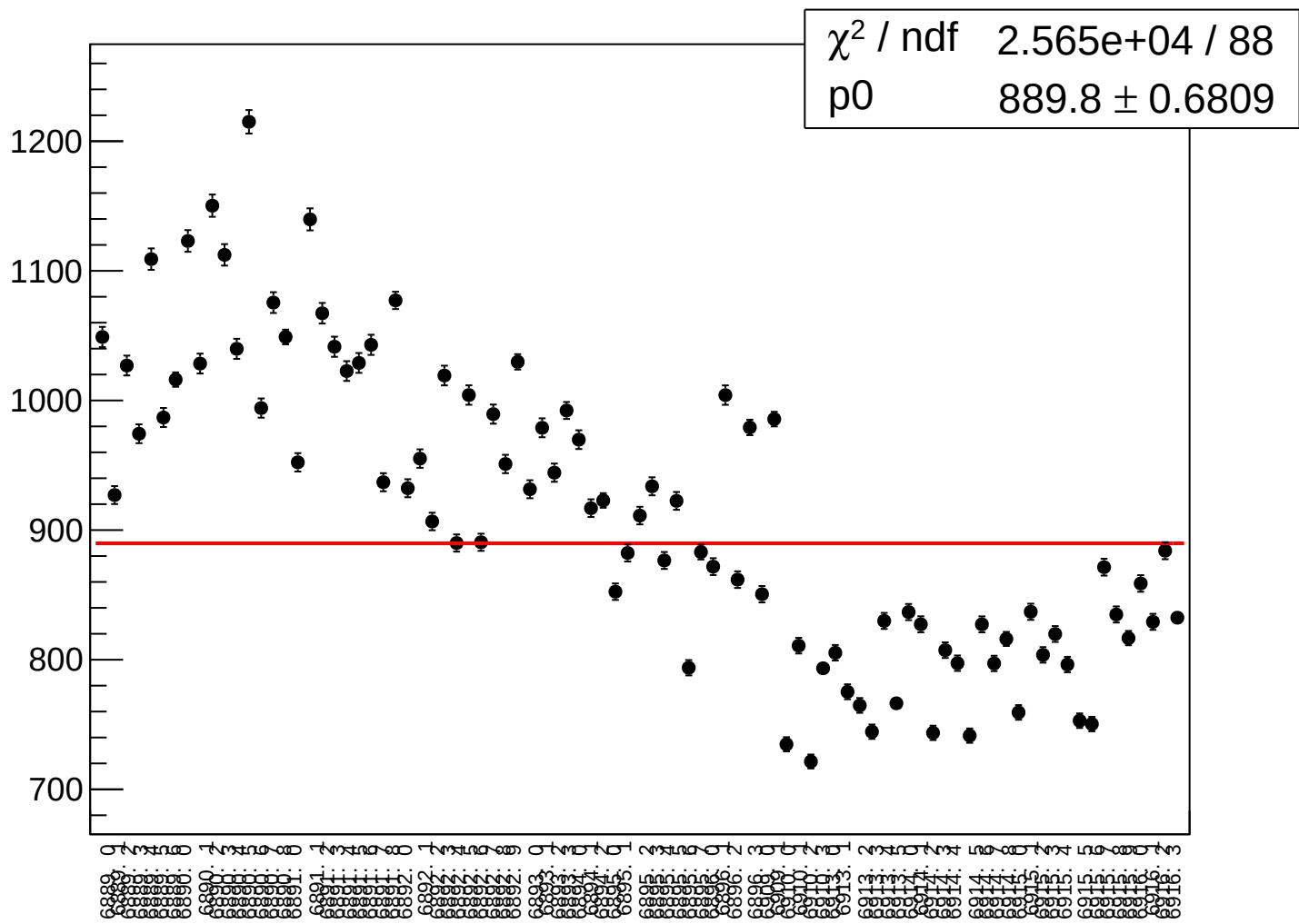
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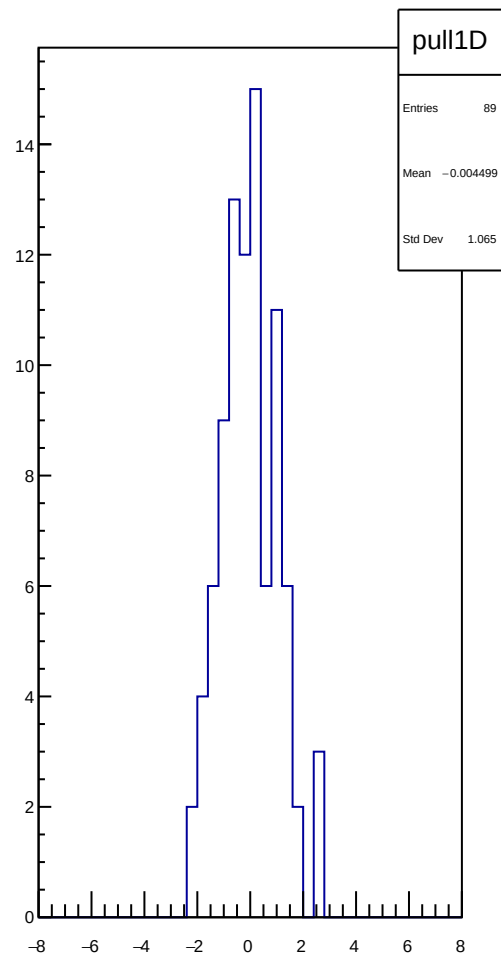
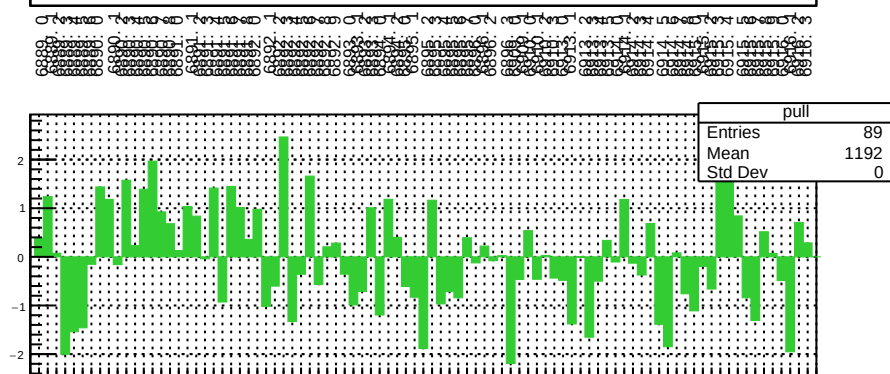
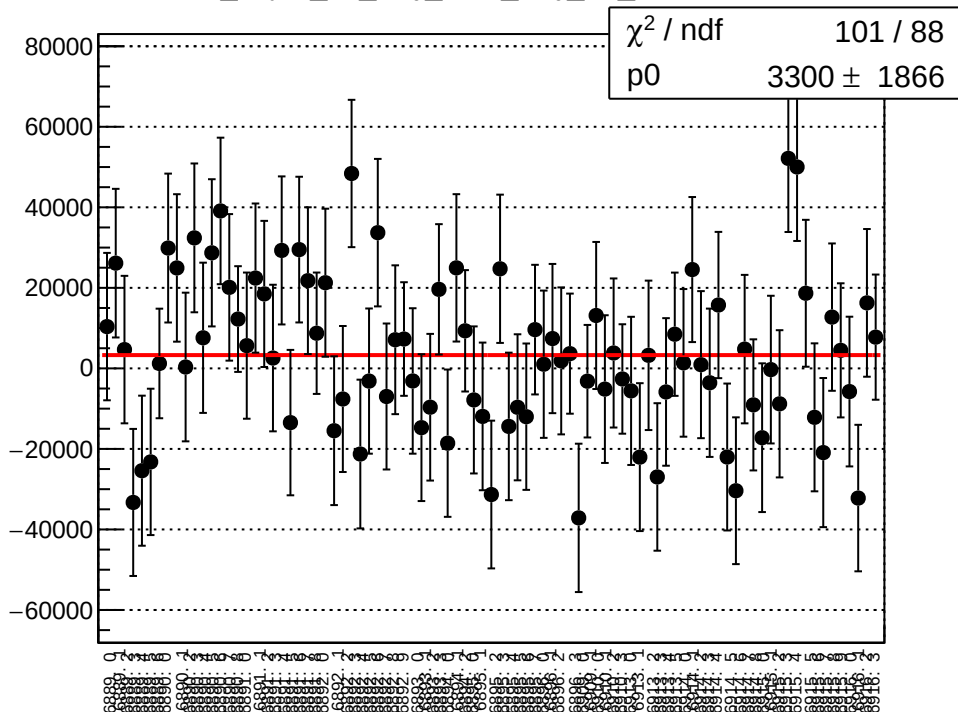
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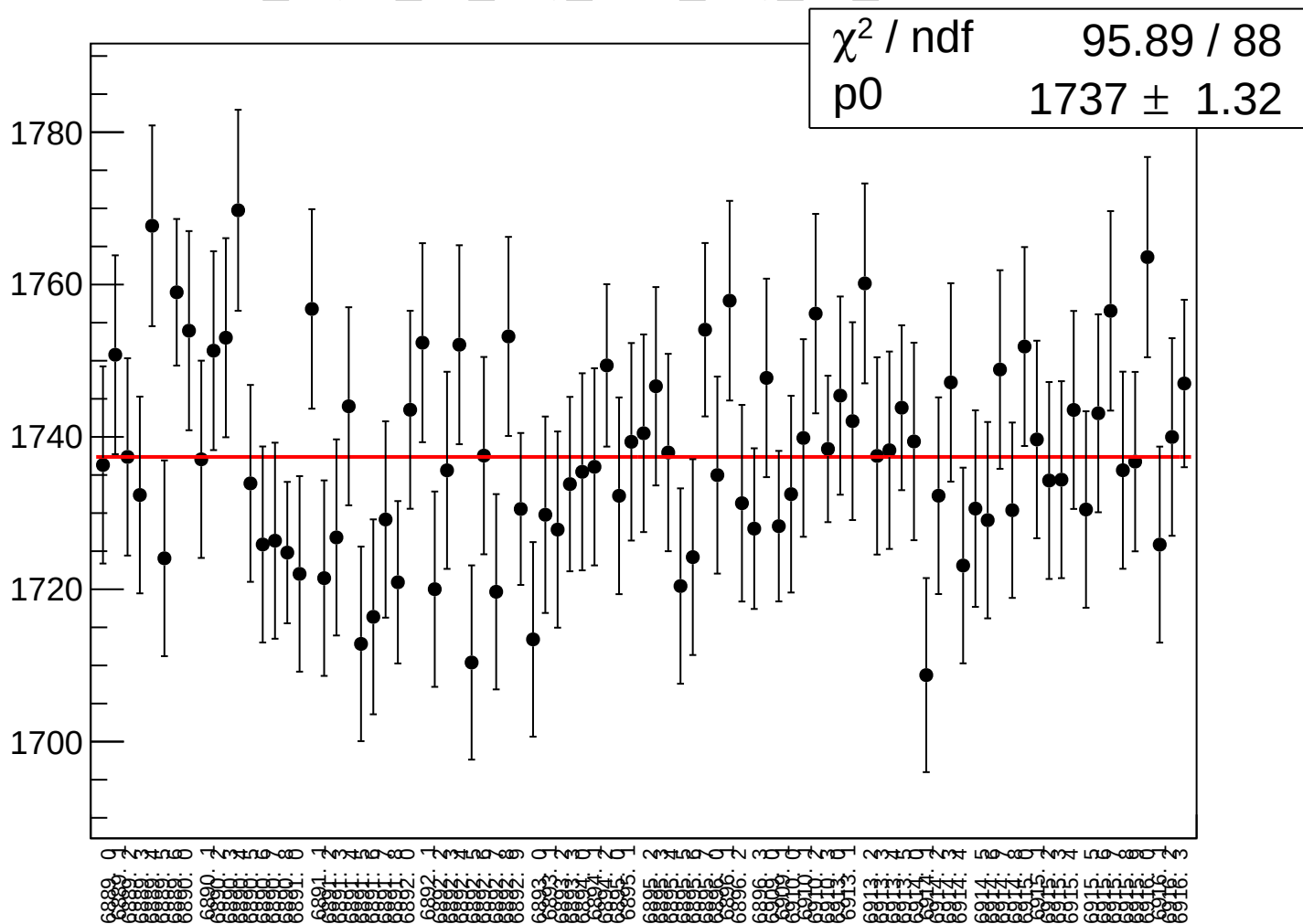
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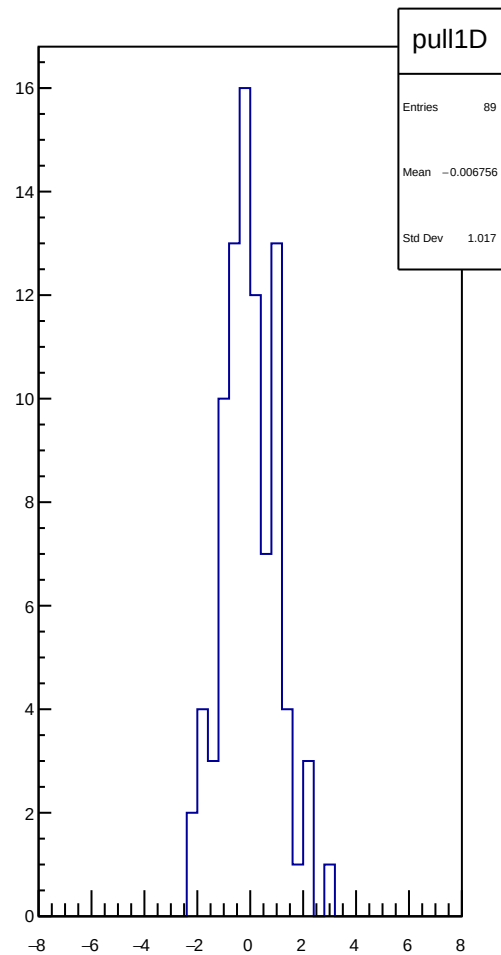
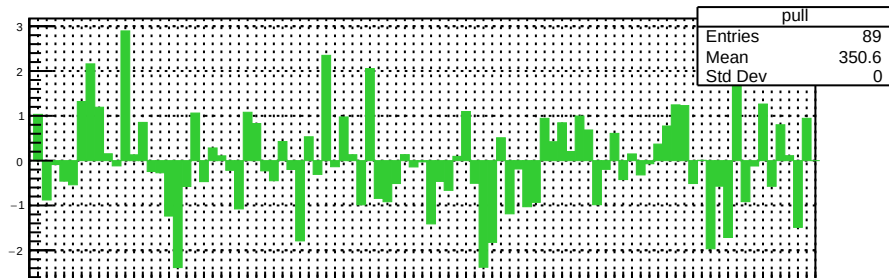
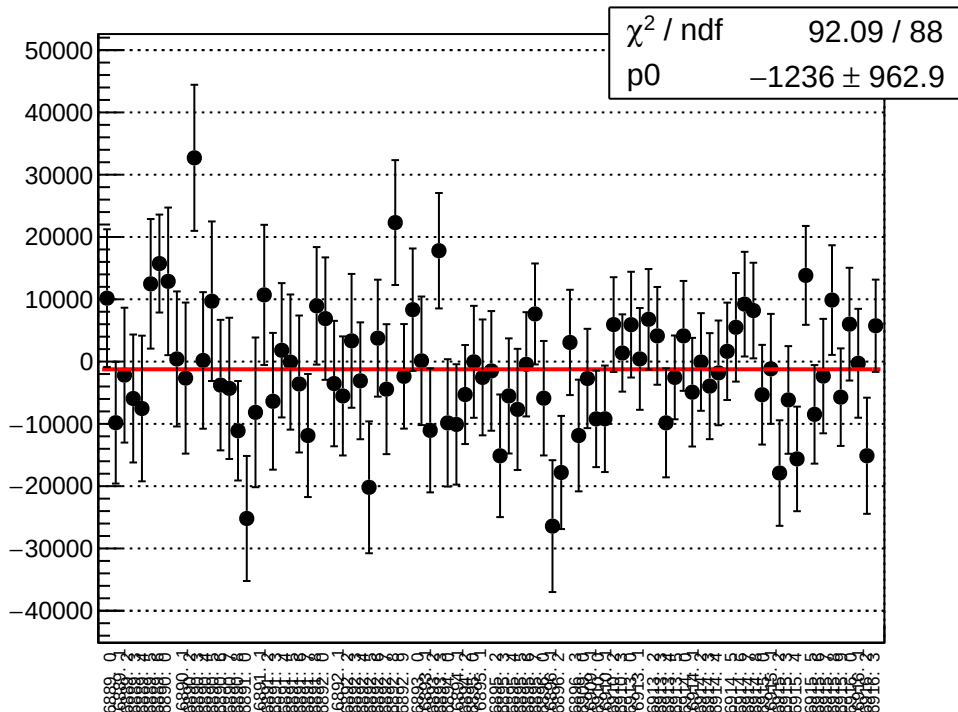
cor_asym_us_avg_at1lr_avg_dd_mean vs run



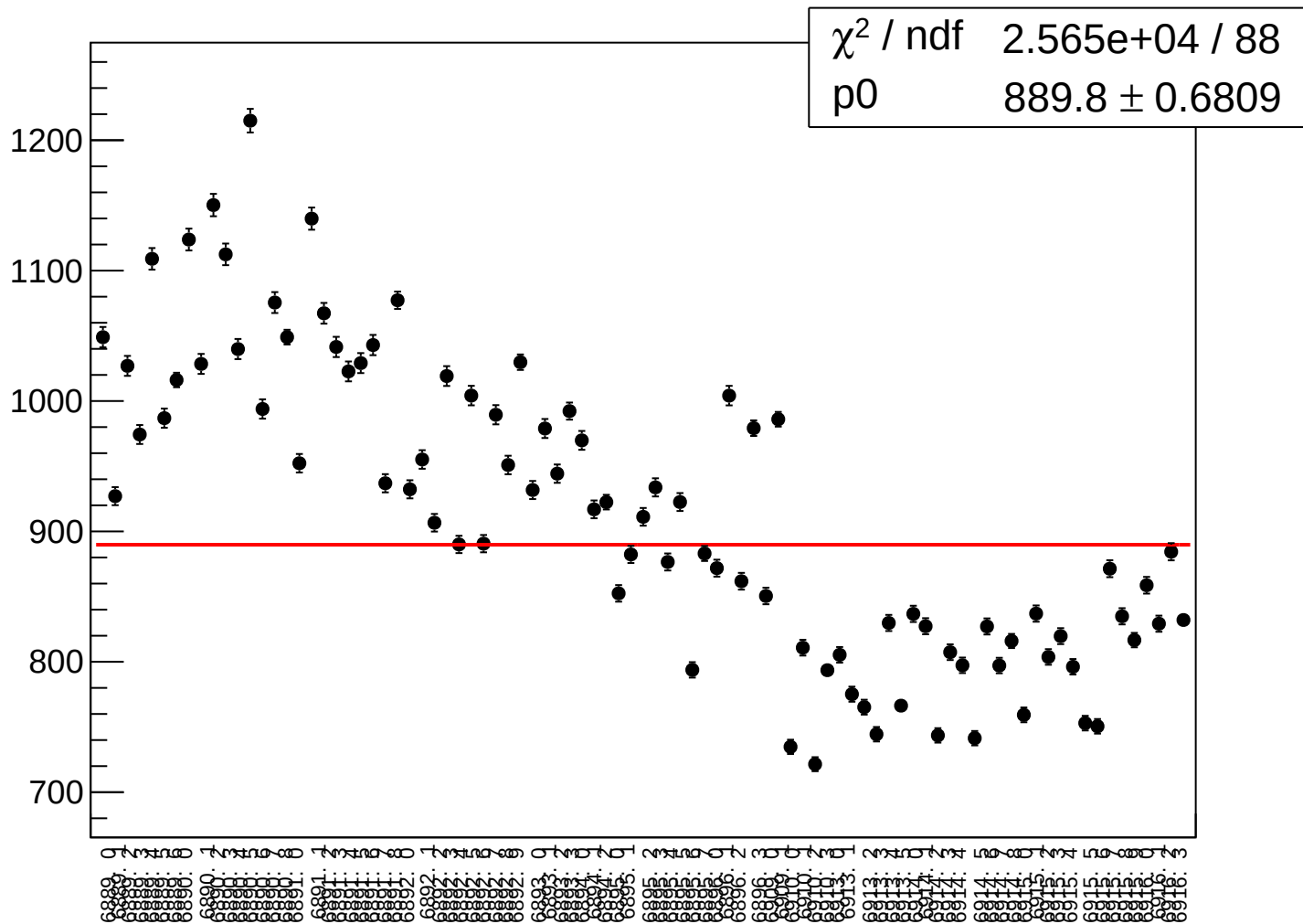
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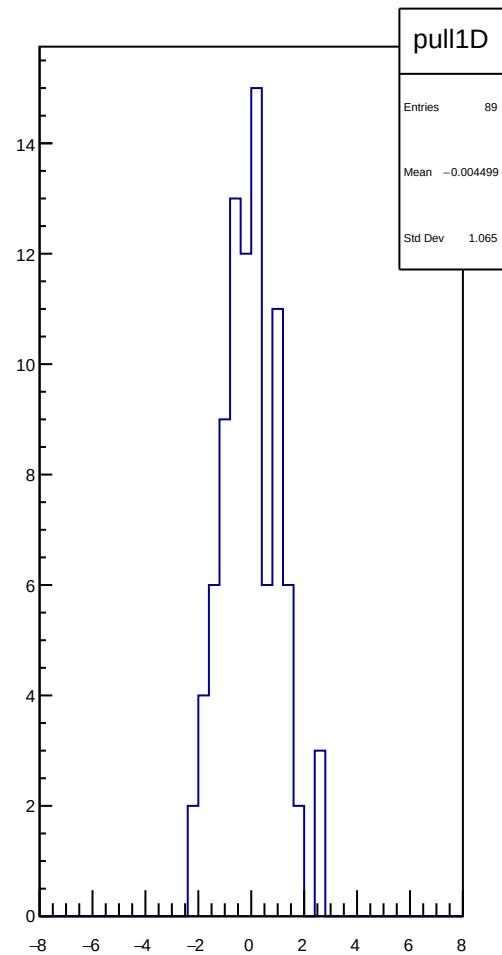
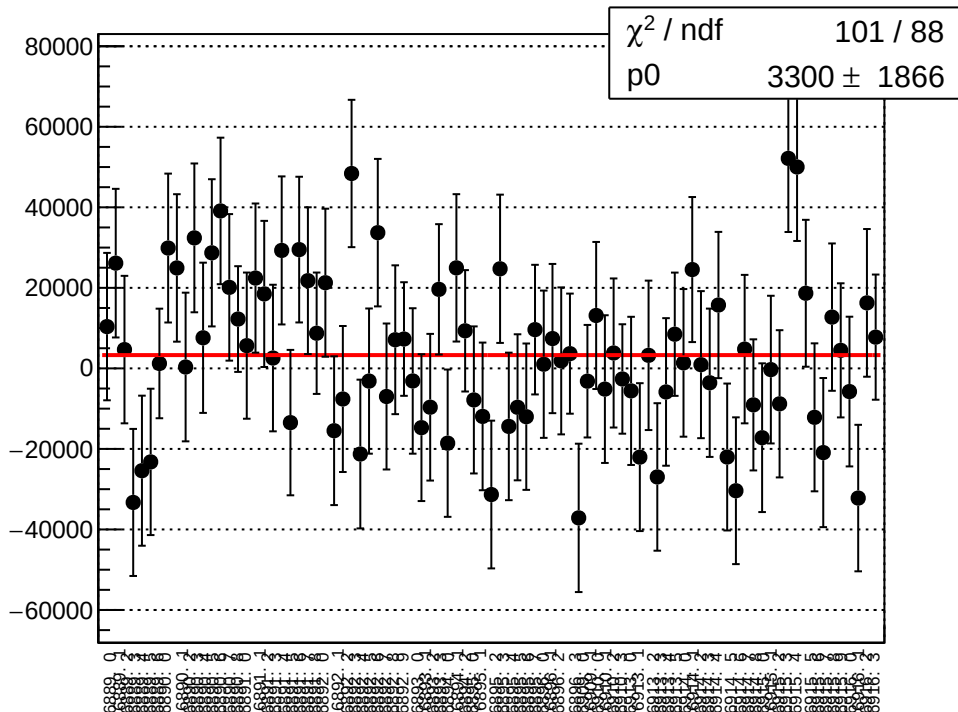
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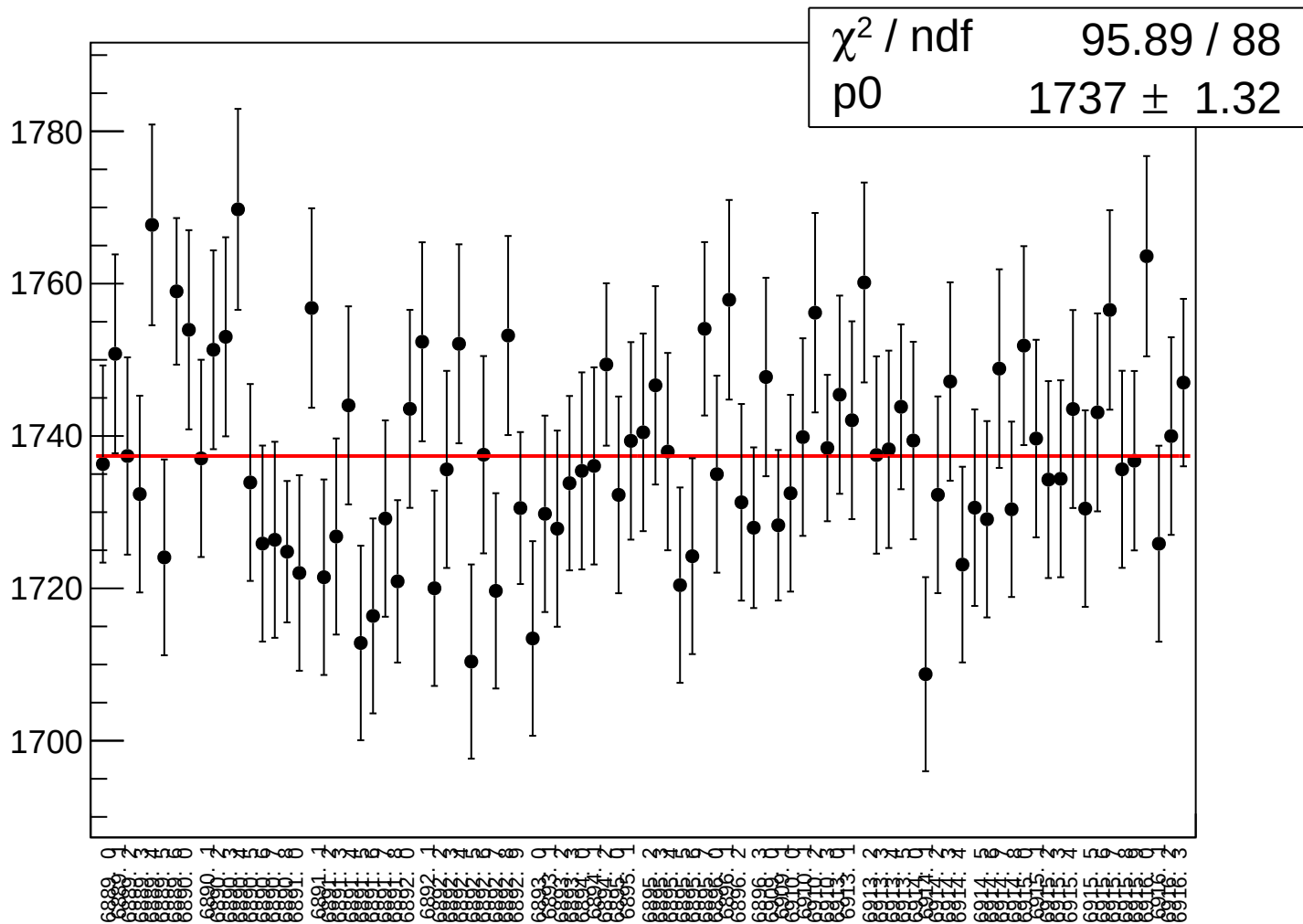
asym_us_avg_at1lr_avg_dd_cor_correction_rms vs run



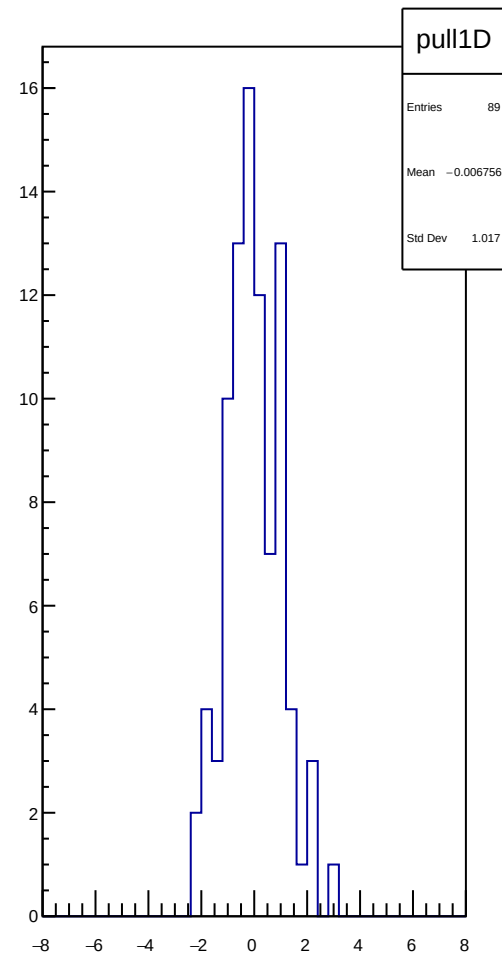
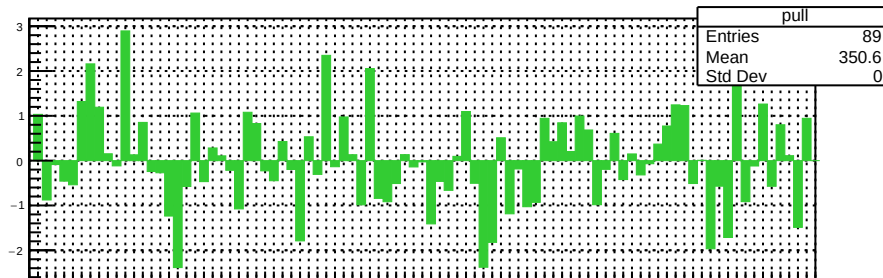
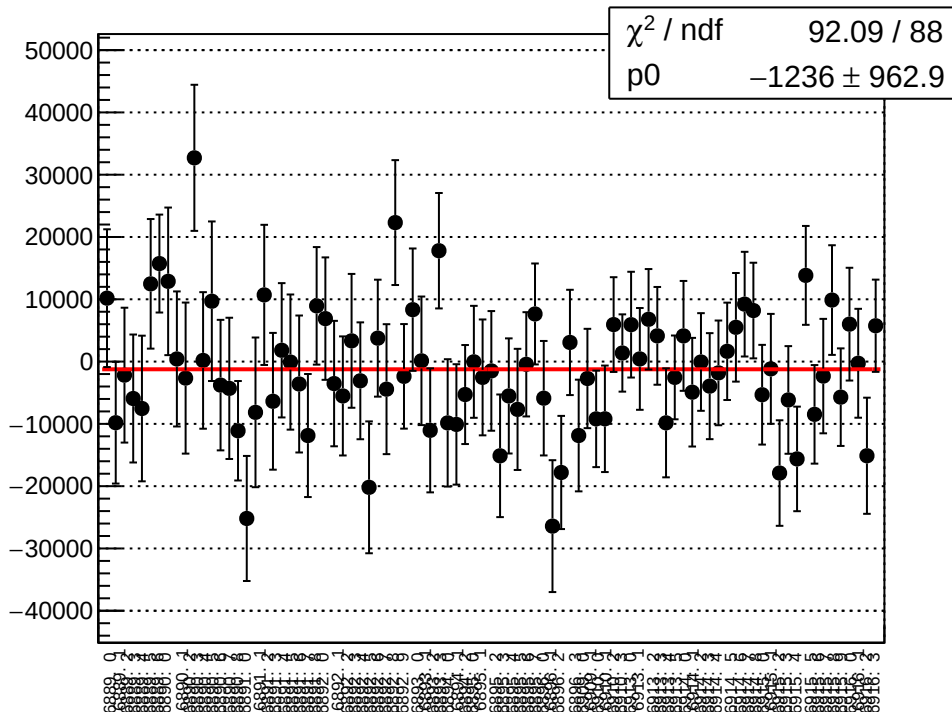
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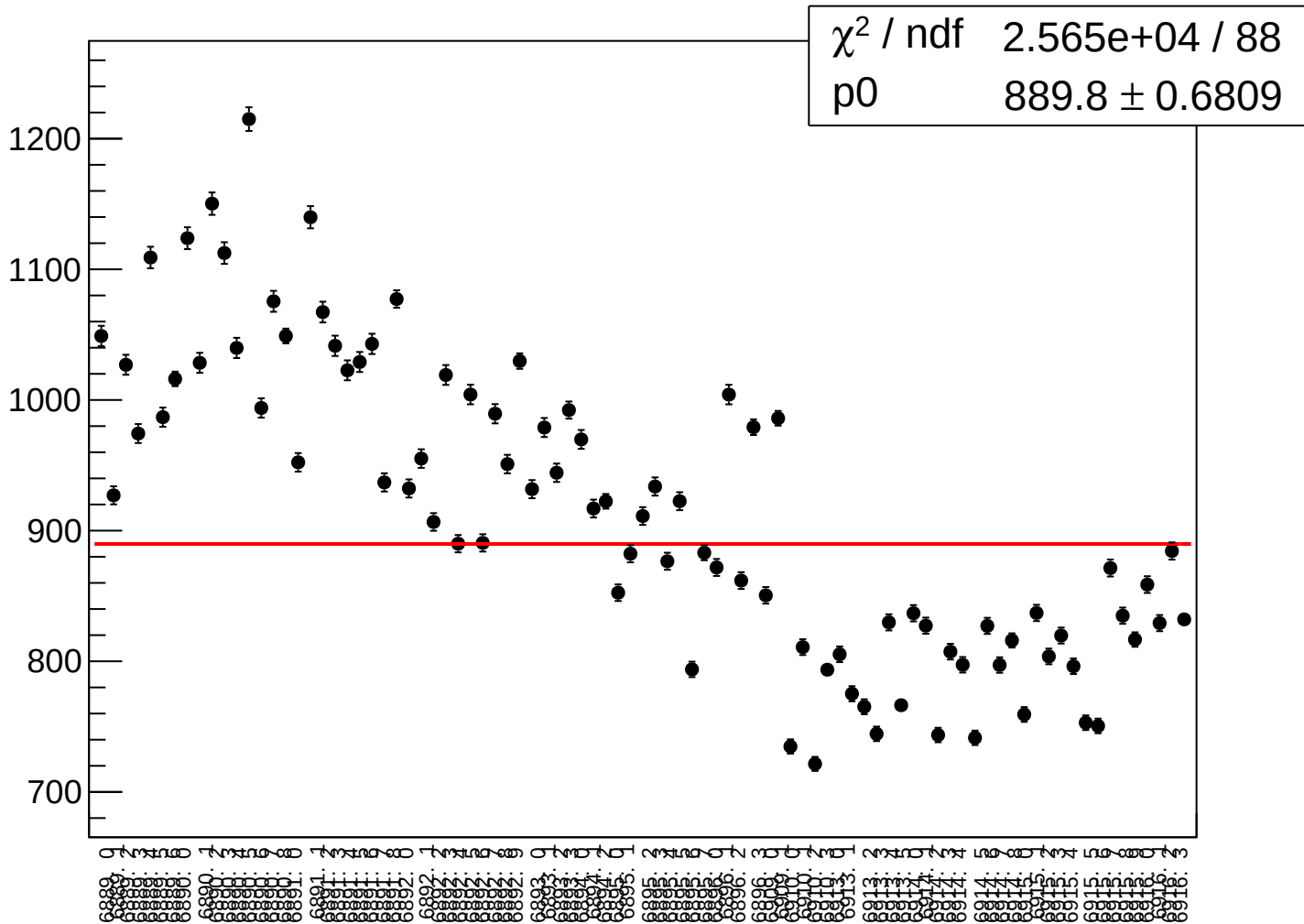
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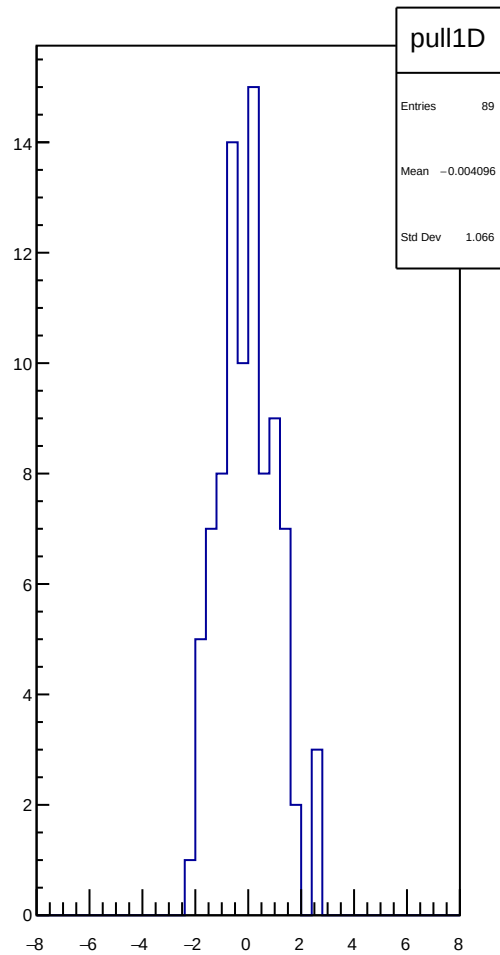
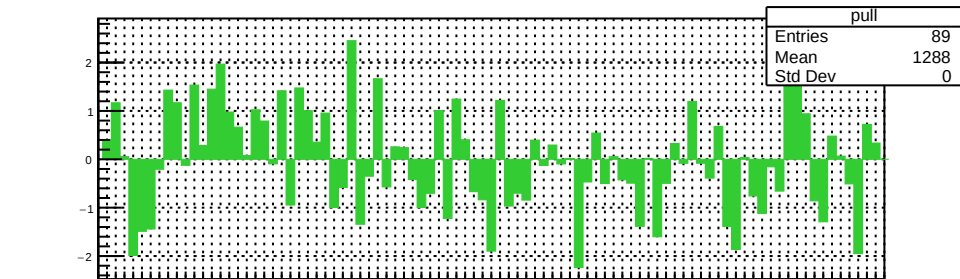
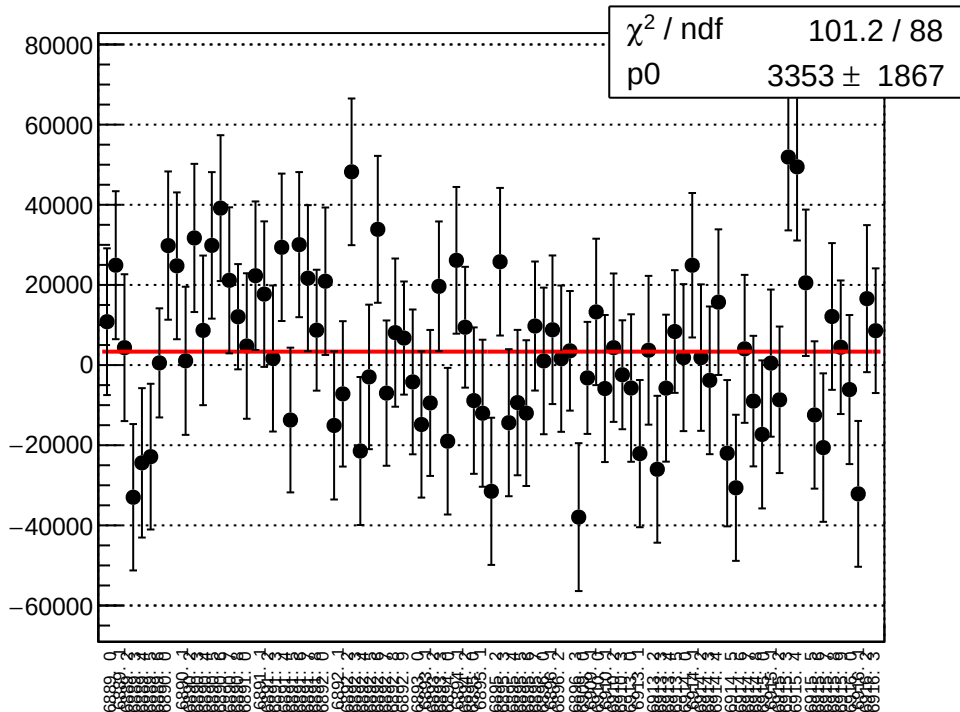
asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs run



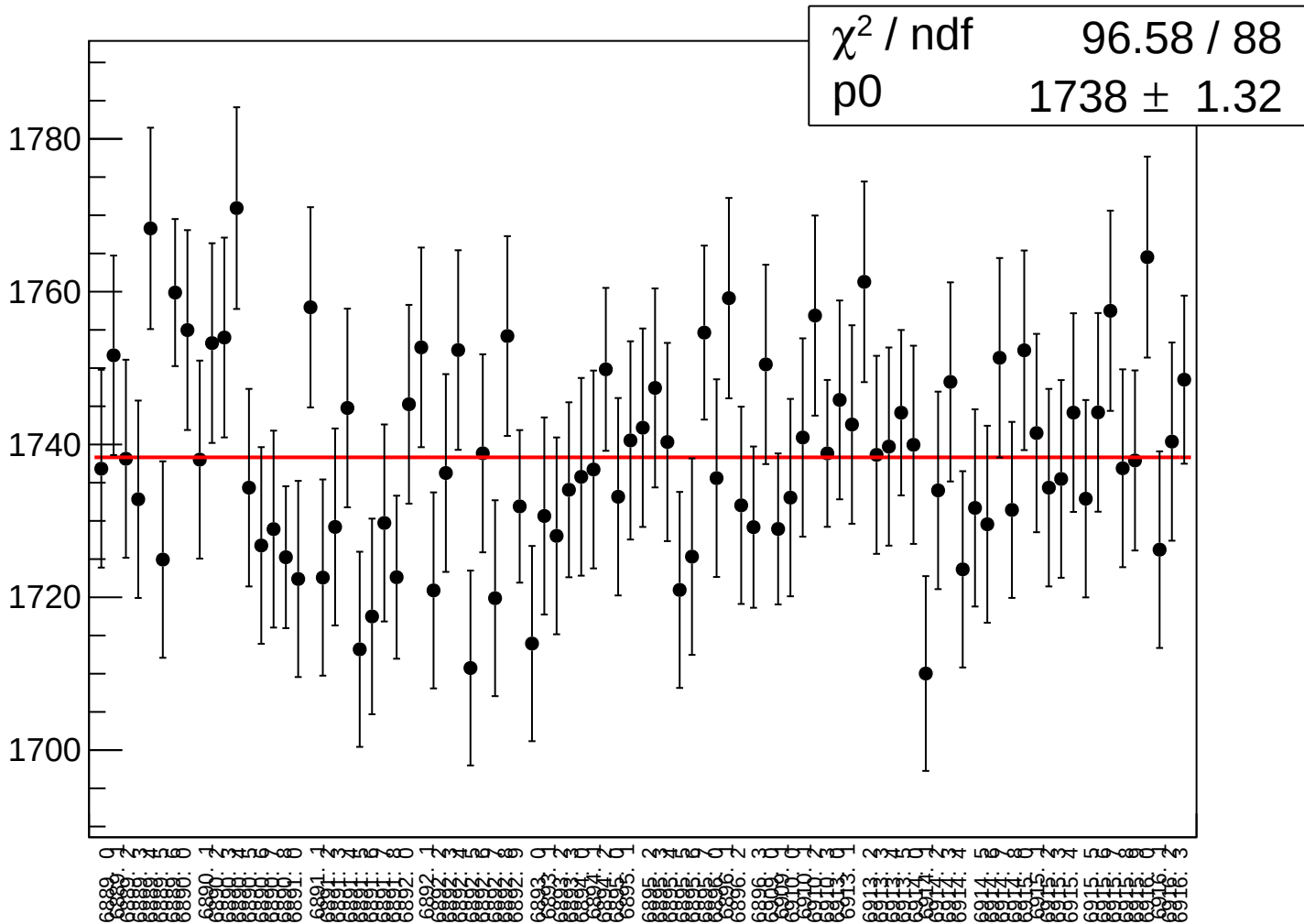
asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs run



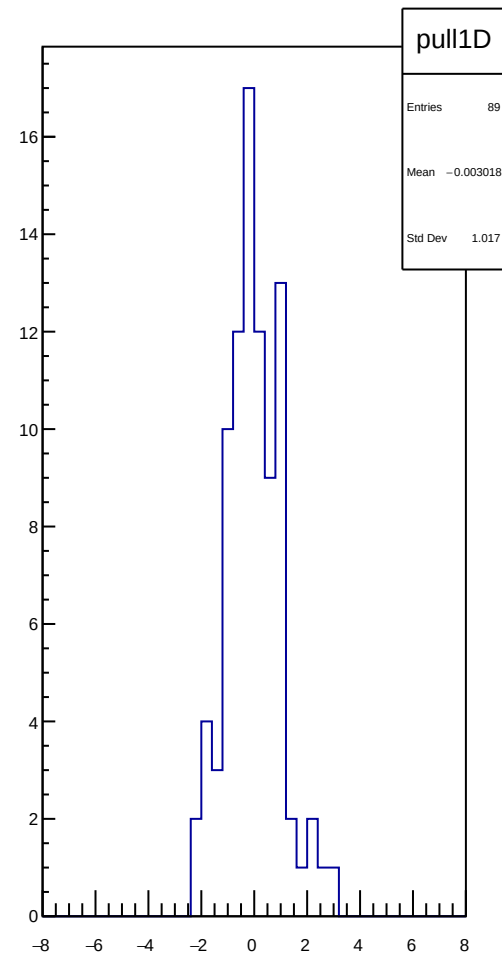
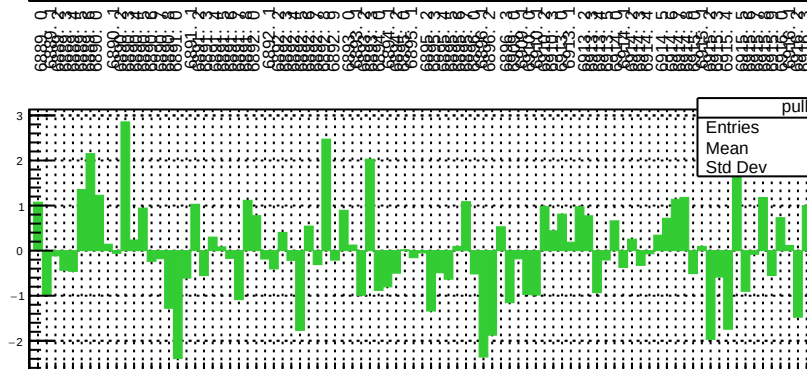
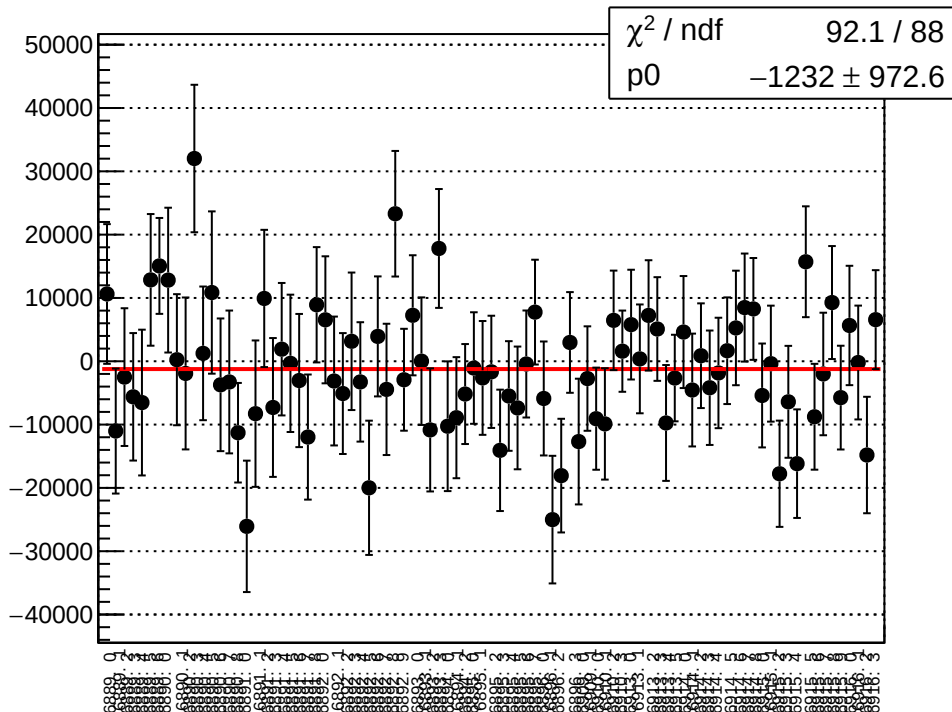
dit asym us avg at1lr avg dd mean vs run



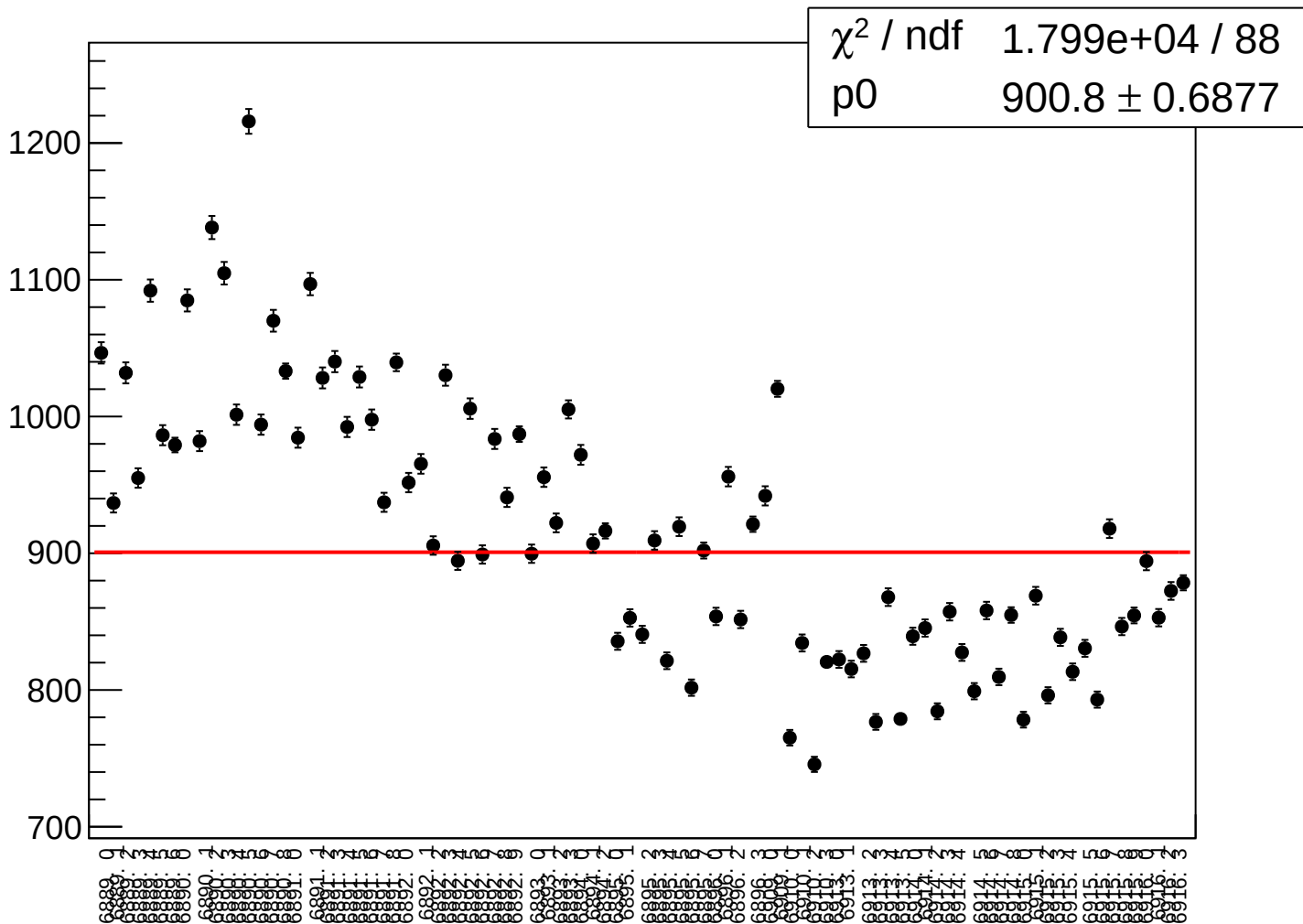
dit_asym_us_avg_at1lr_avg_dd_rms vs run



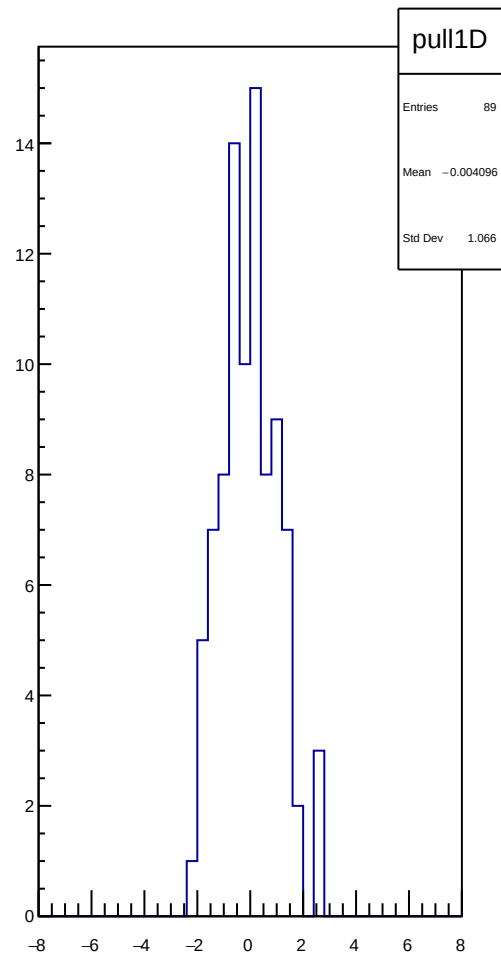
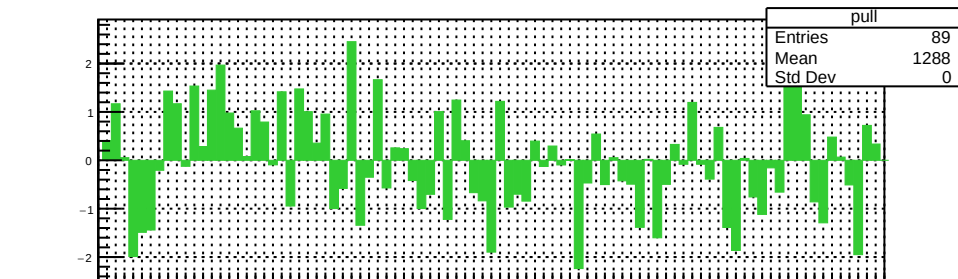
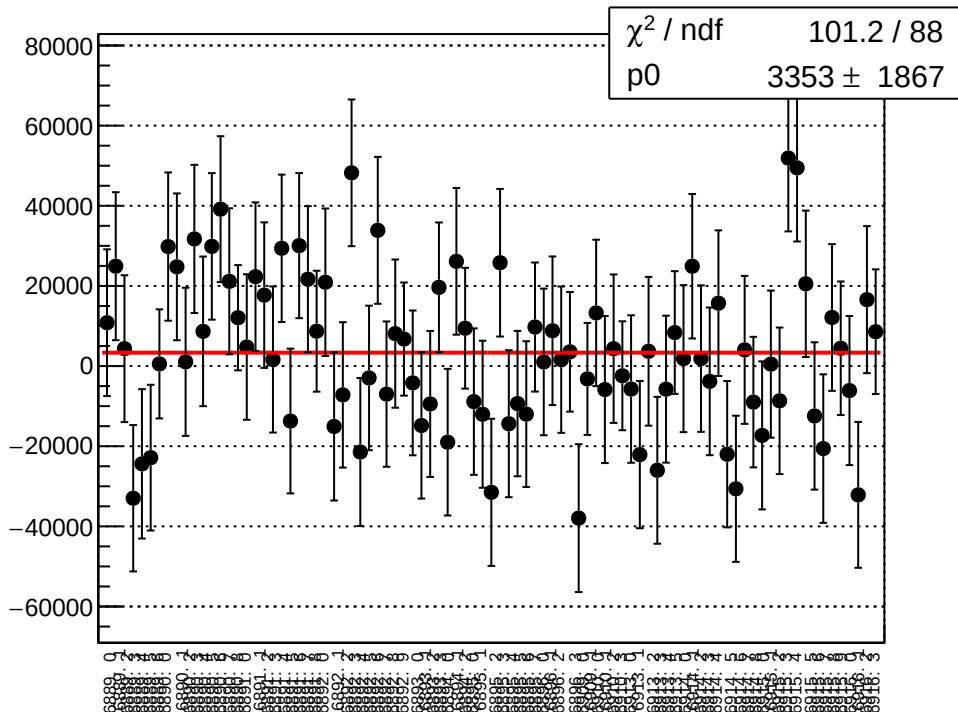
asym_us_avg_at1lr_avg_dd_dit_correction_mean vs run



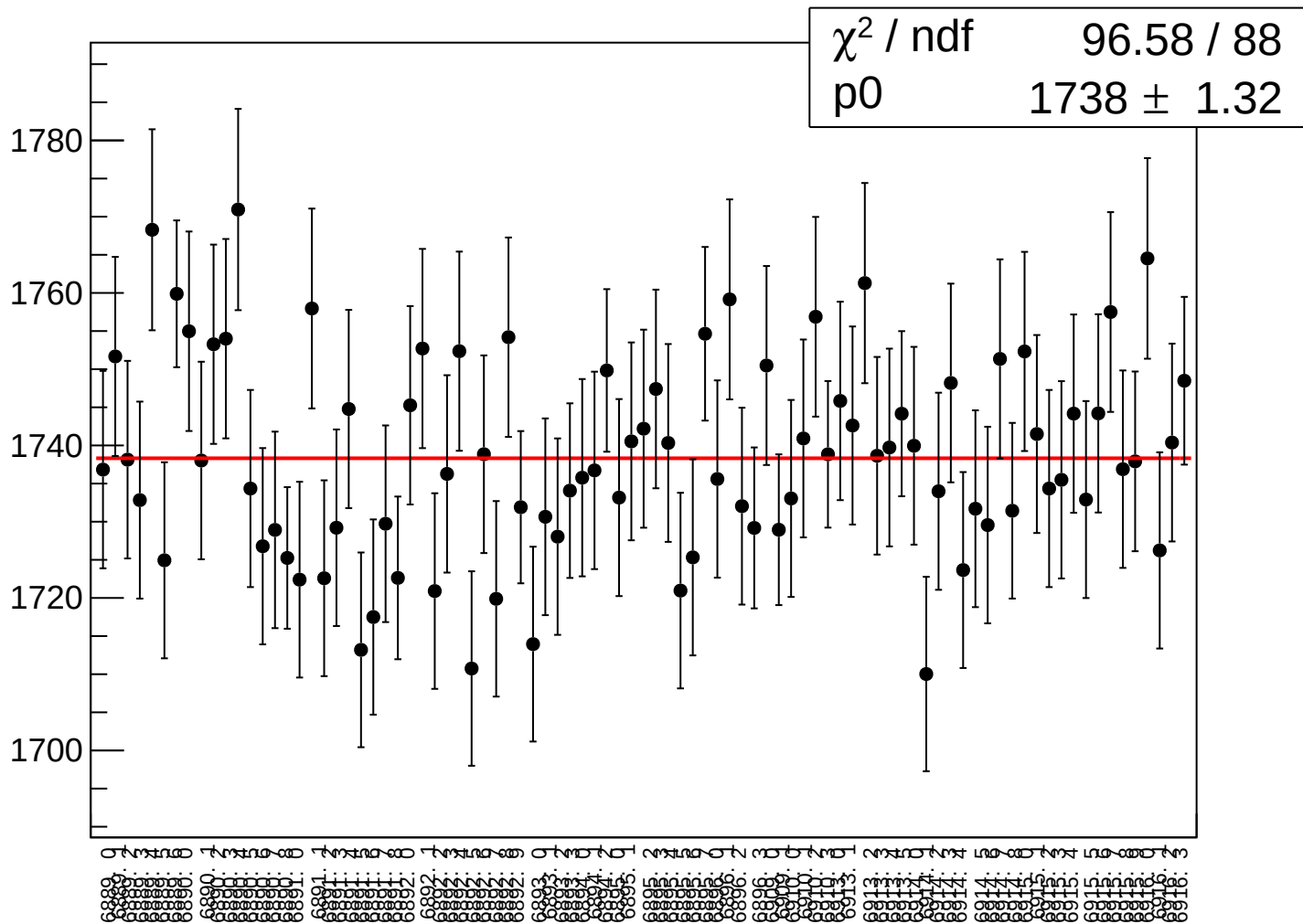
asym_us_avg_at1lr_avg_dd_dit_correction_rms vs run



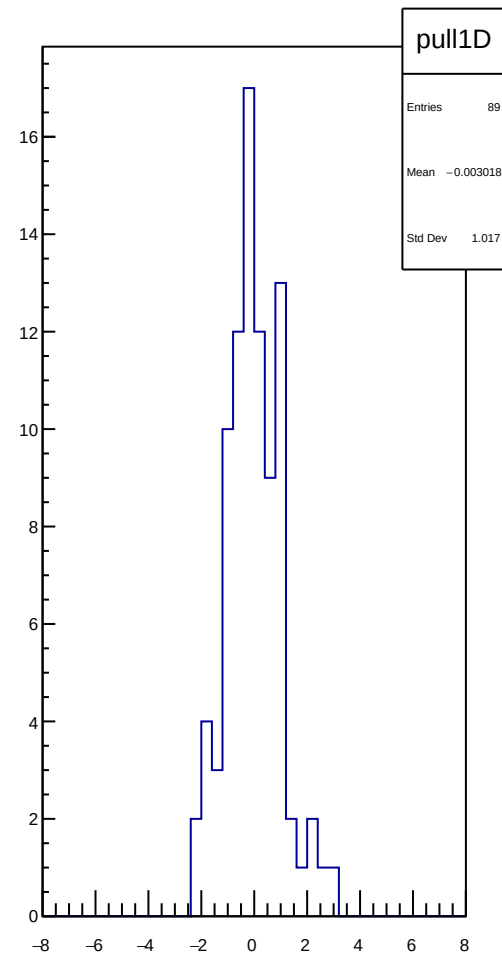
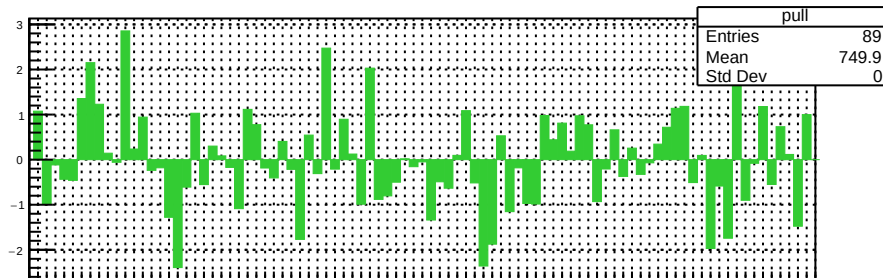
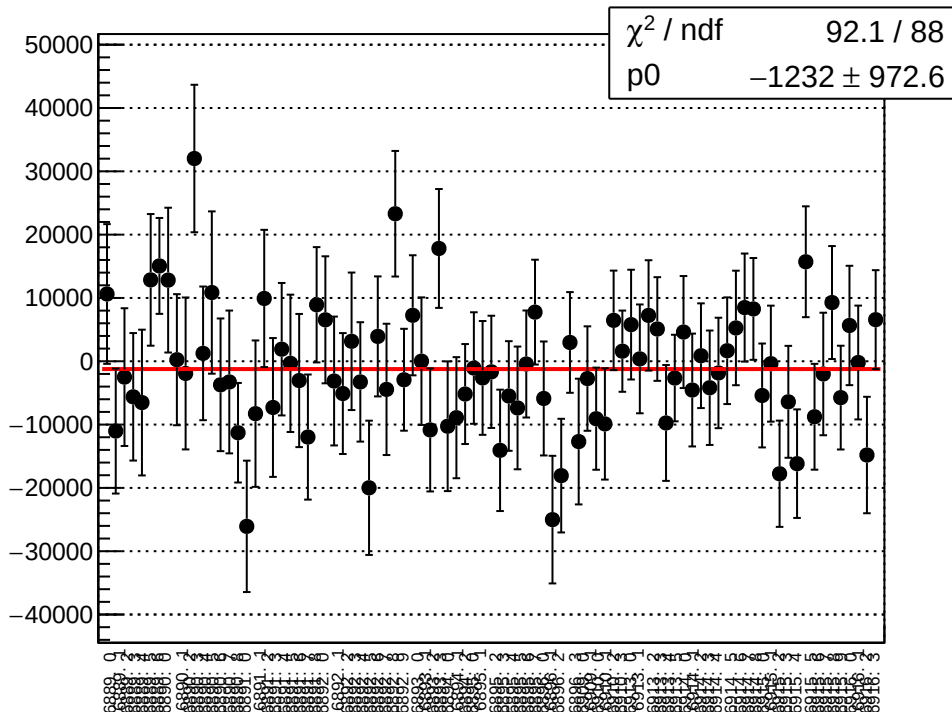
eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs run



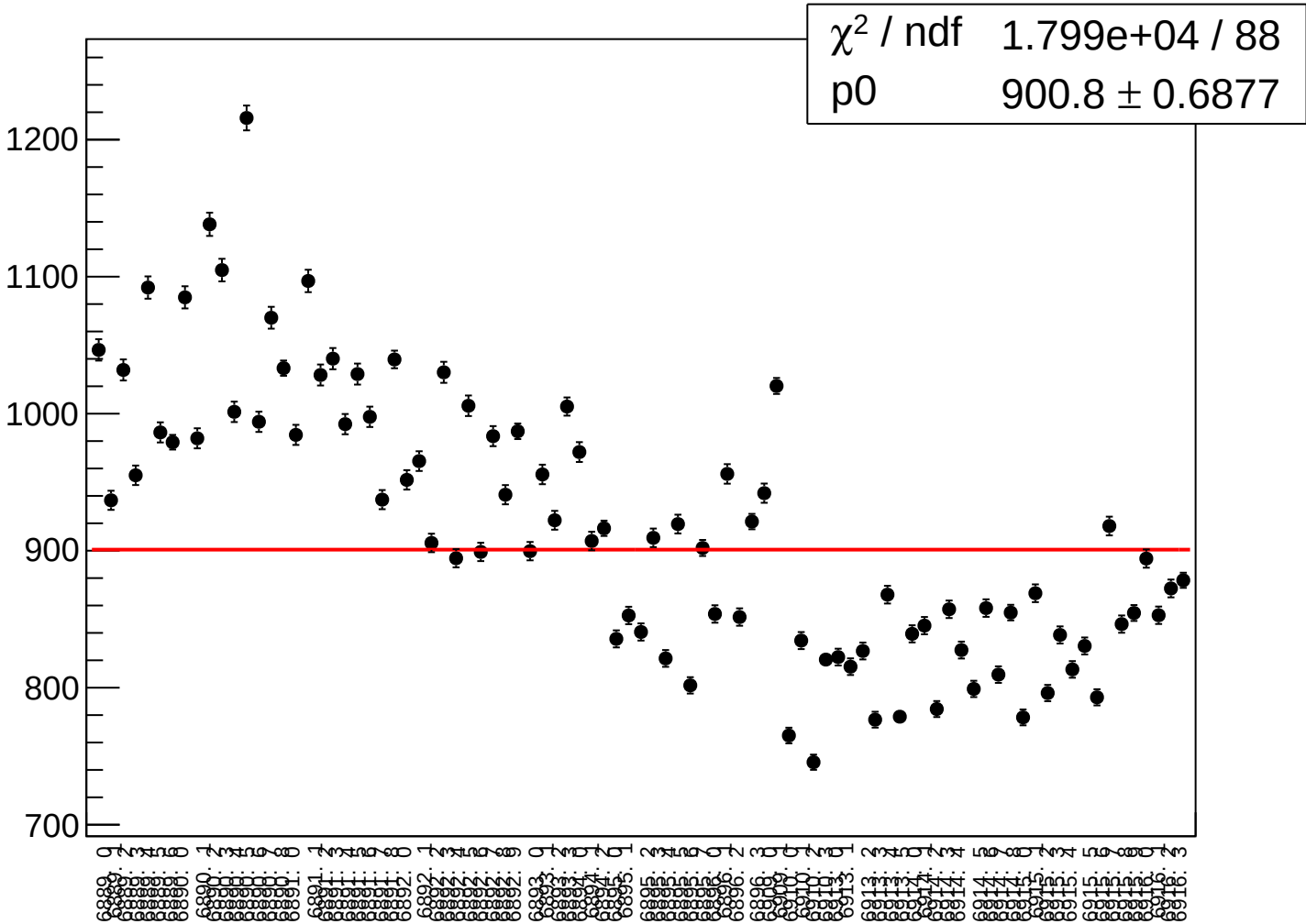
eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs run



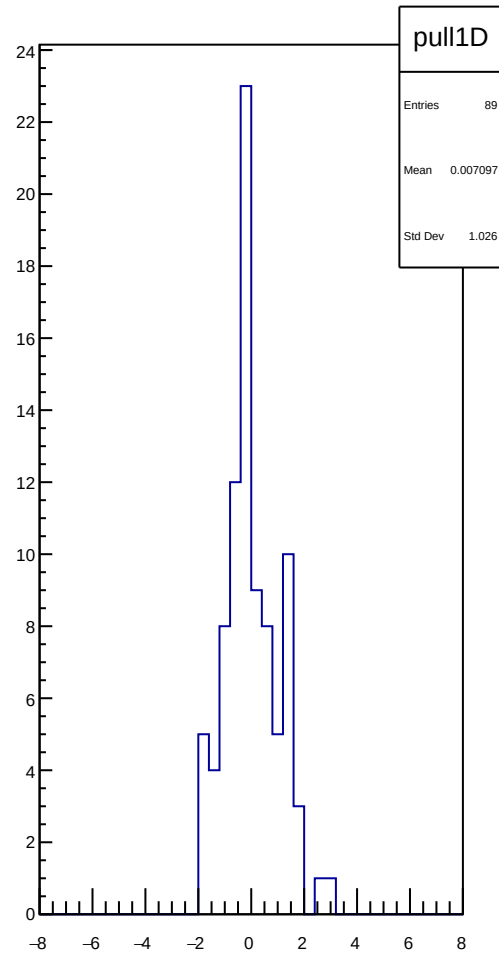
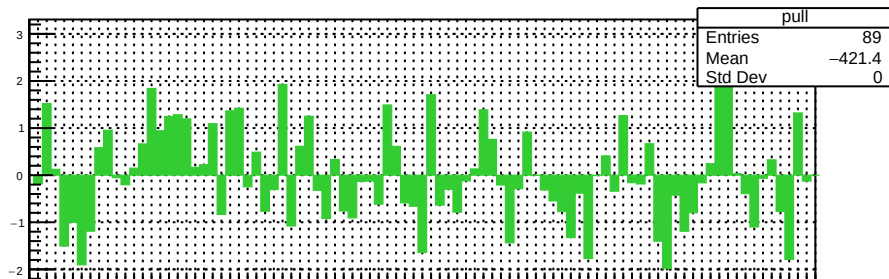
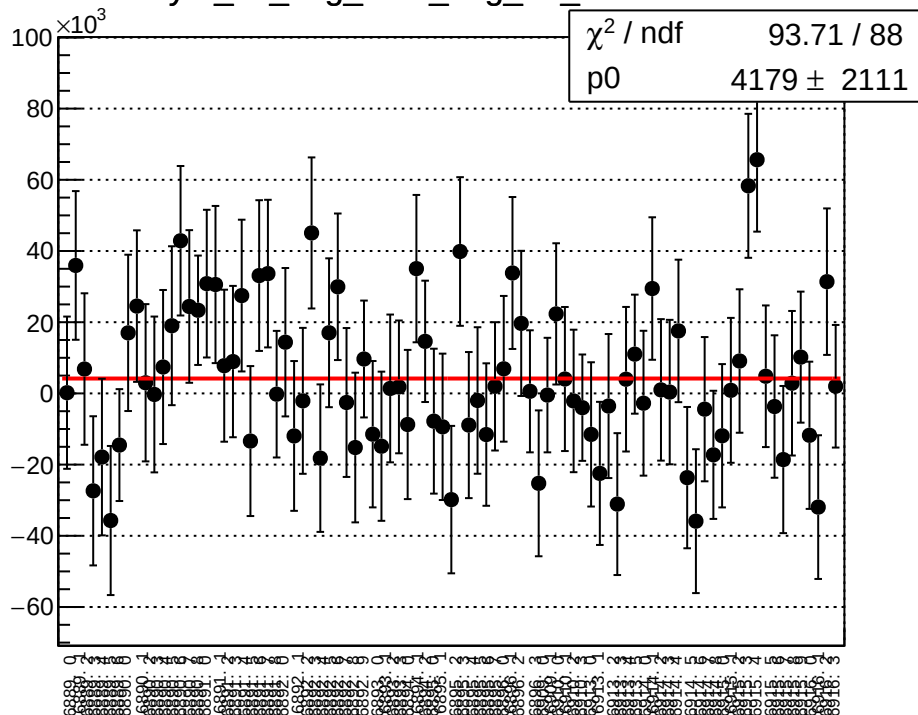
asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs run



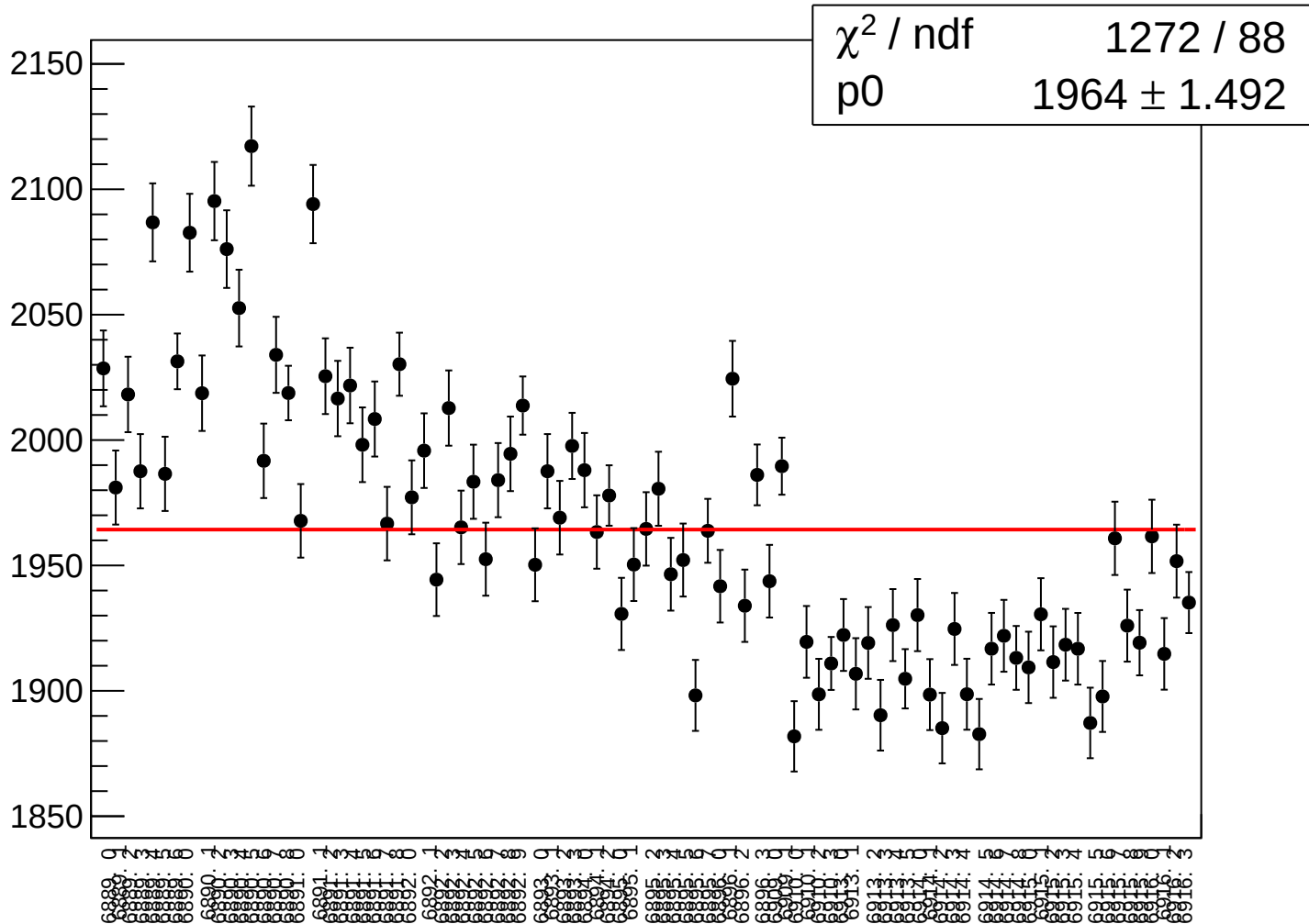
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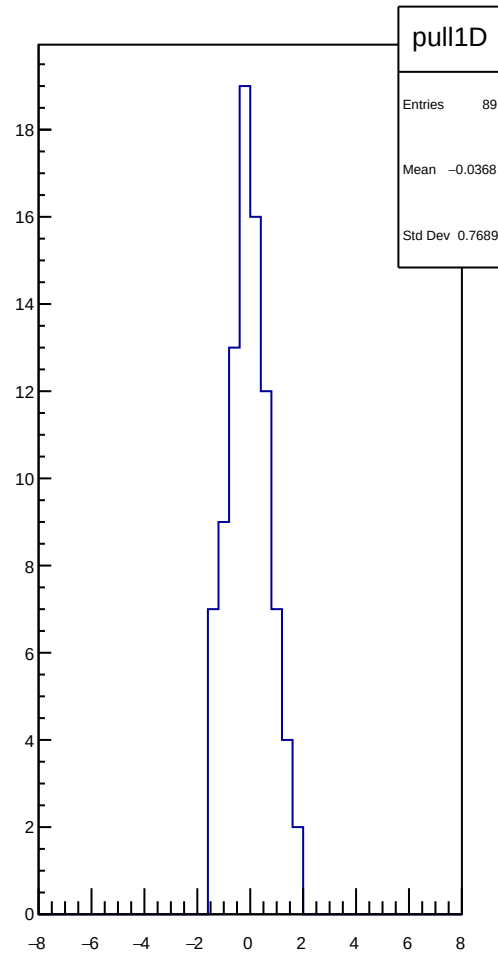
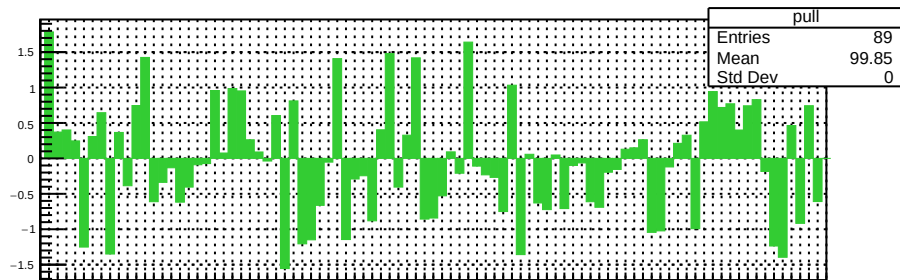
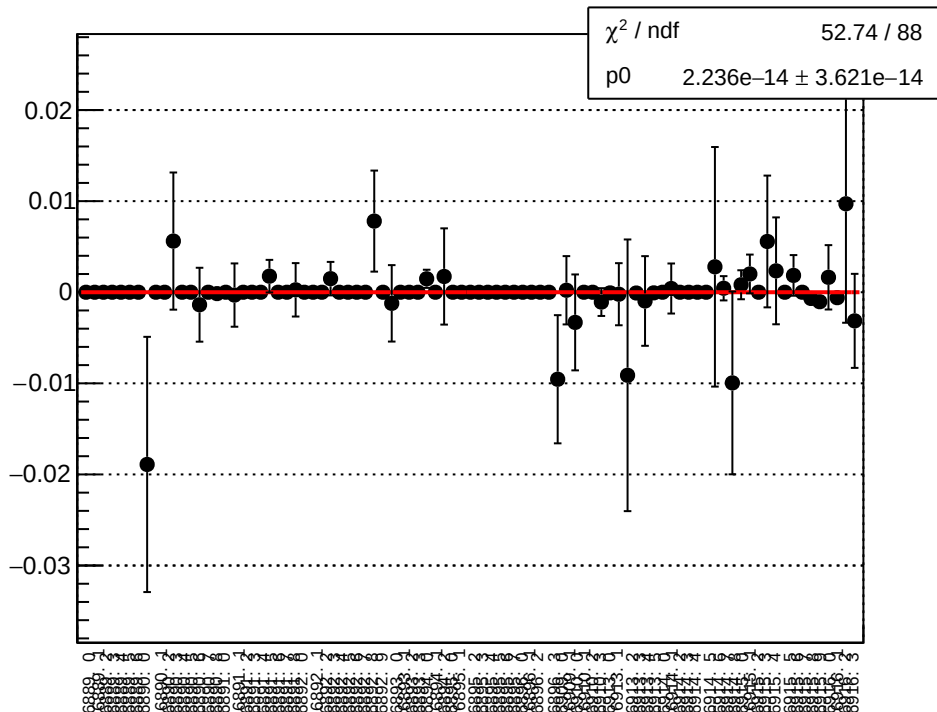
asym_us_avg_at1lr_avg_dd_mean vs run



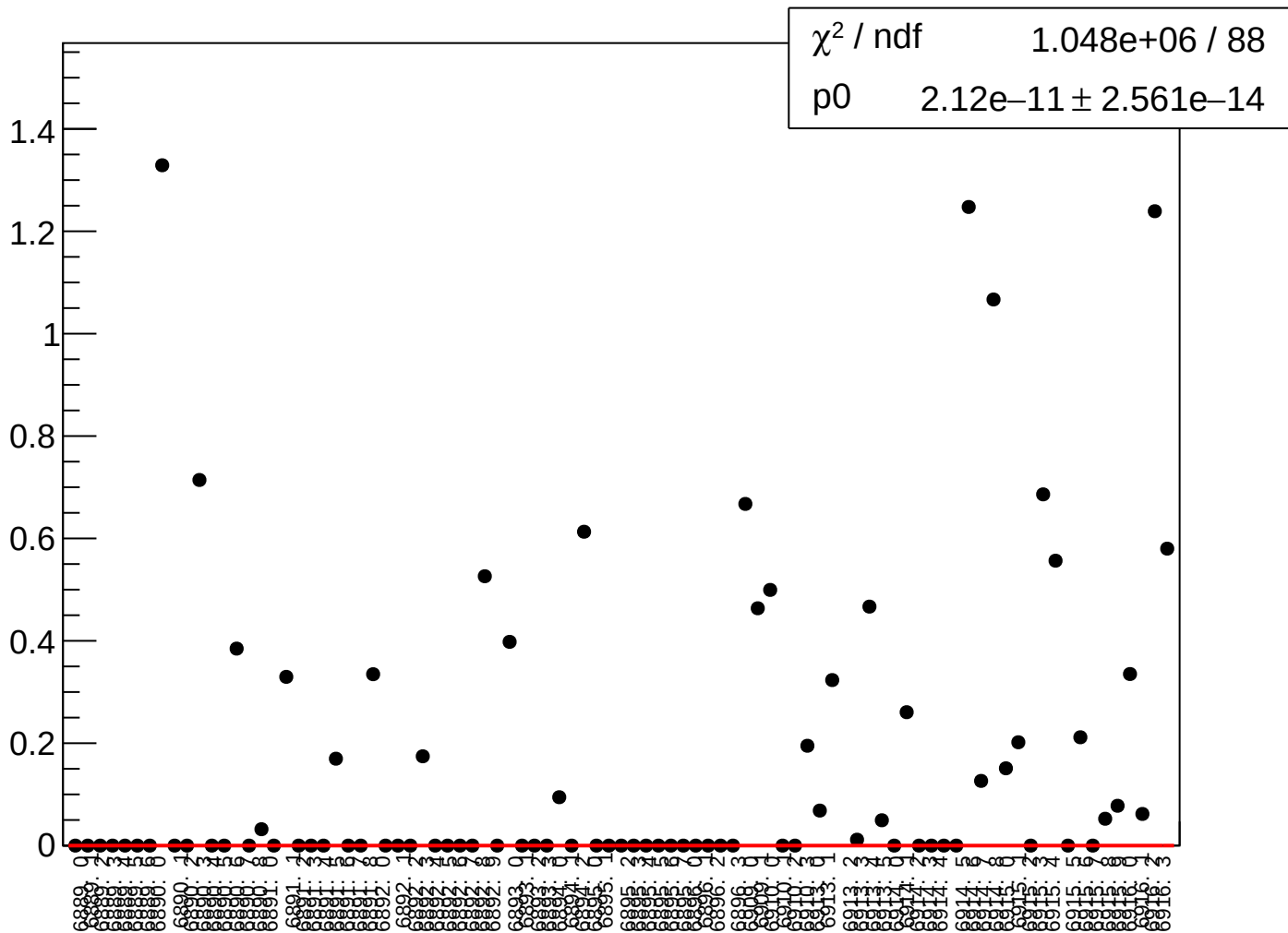
asym_us_avg_at1lr_avg_dd_rms vs run



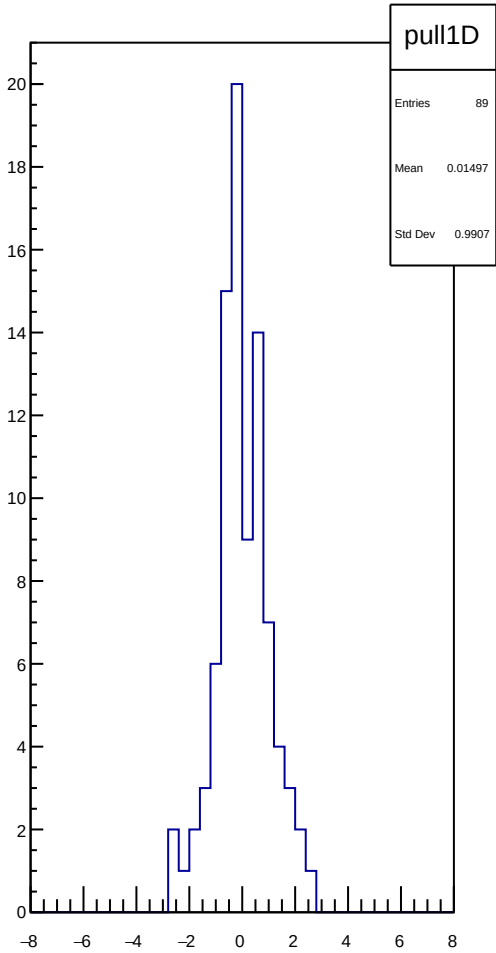
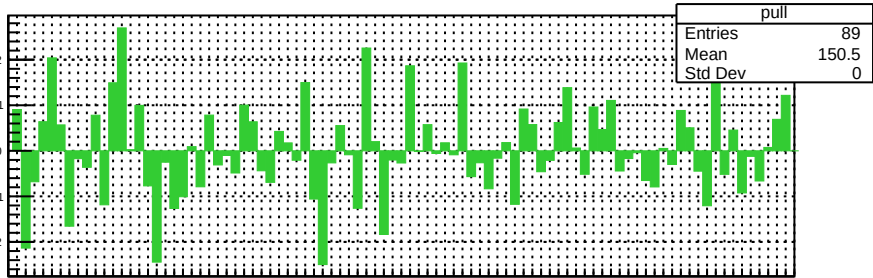
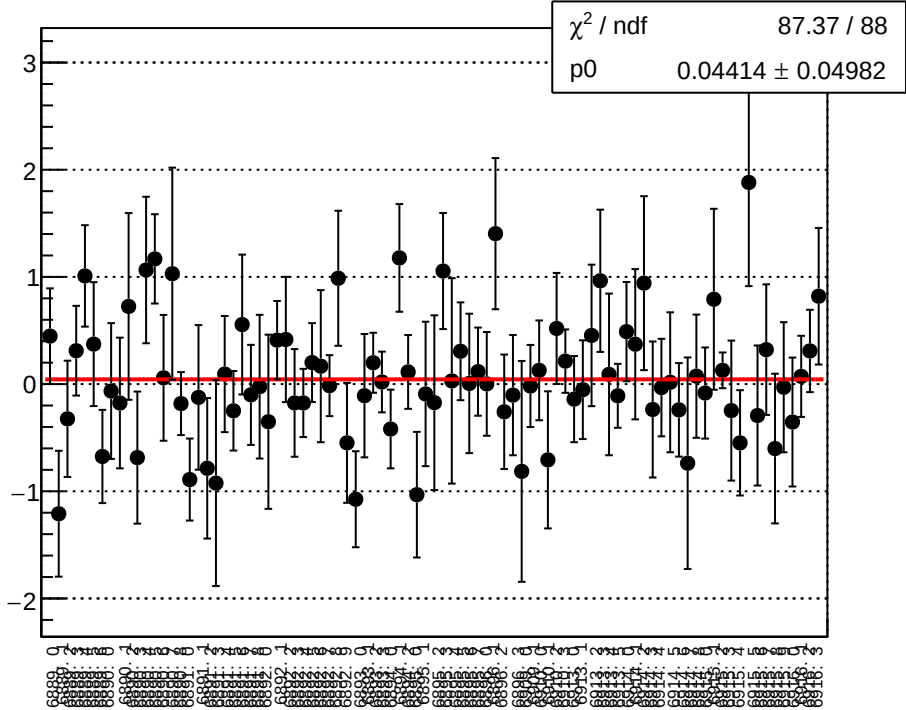
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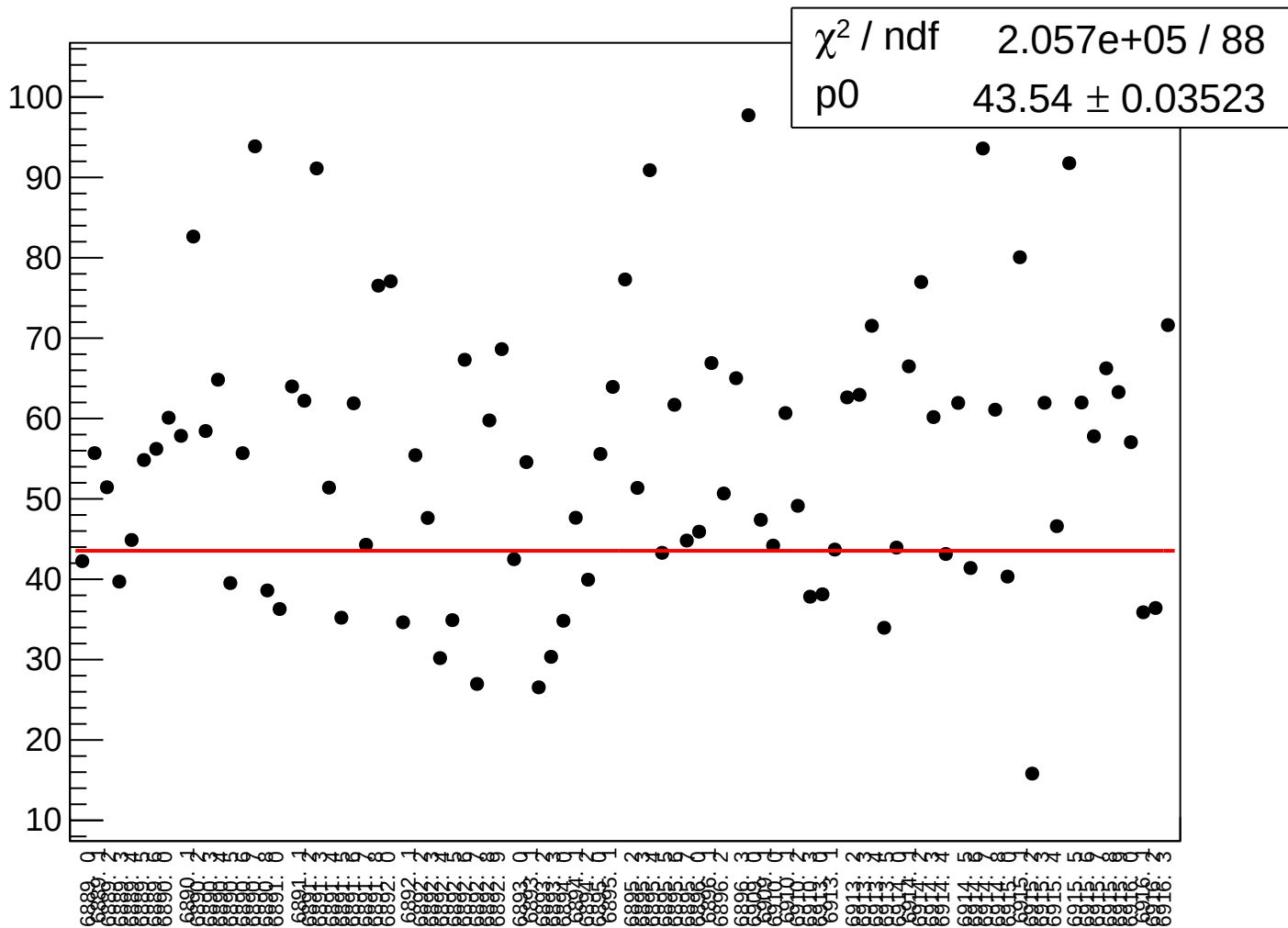
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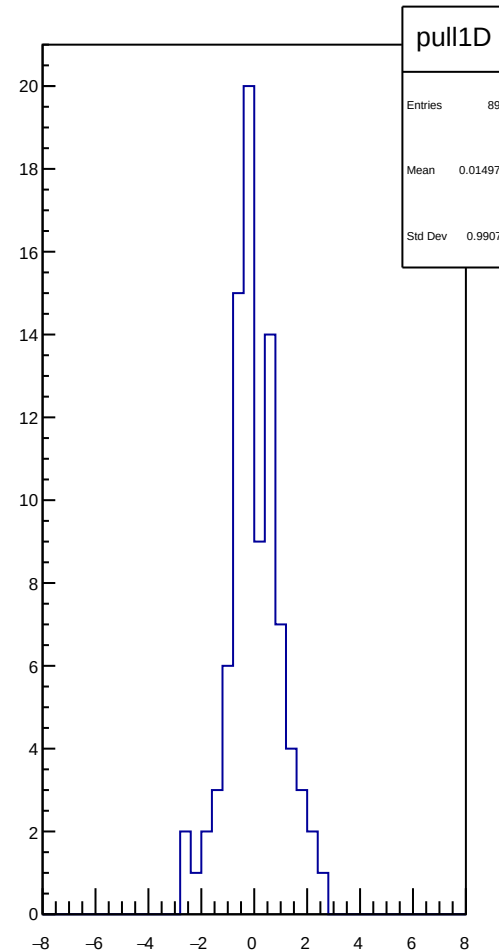
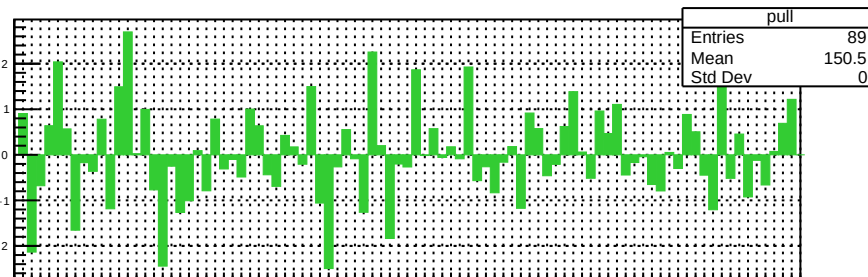
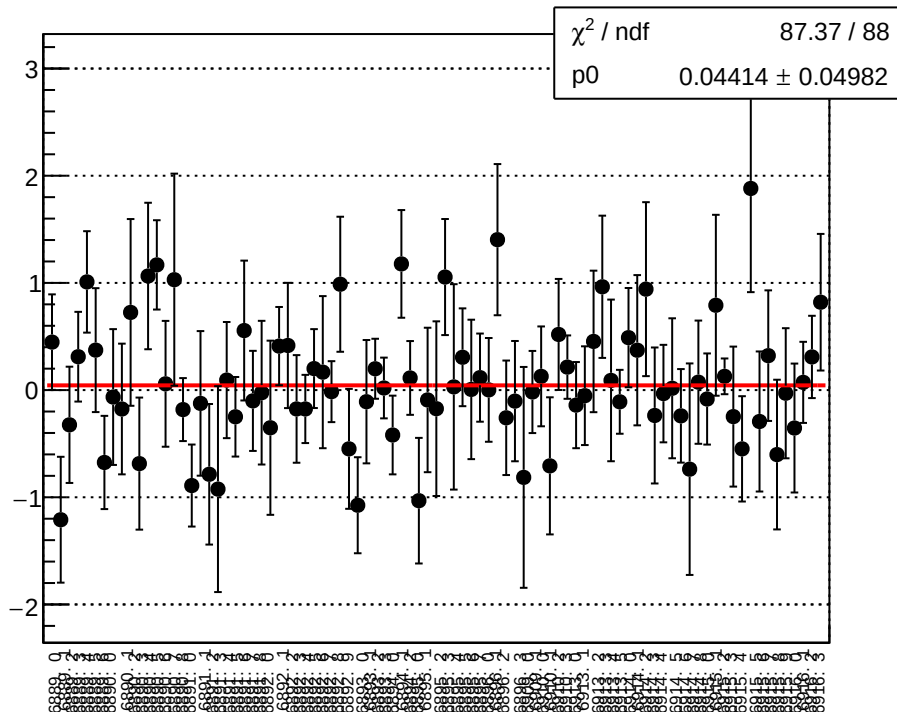
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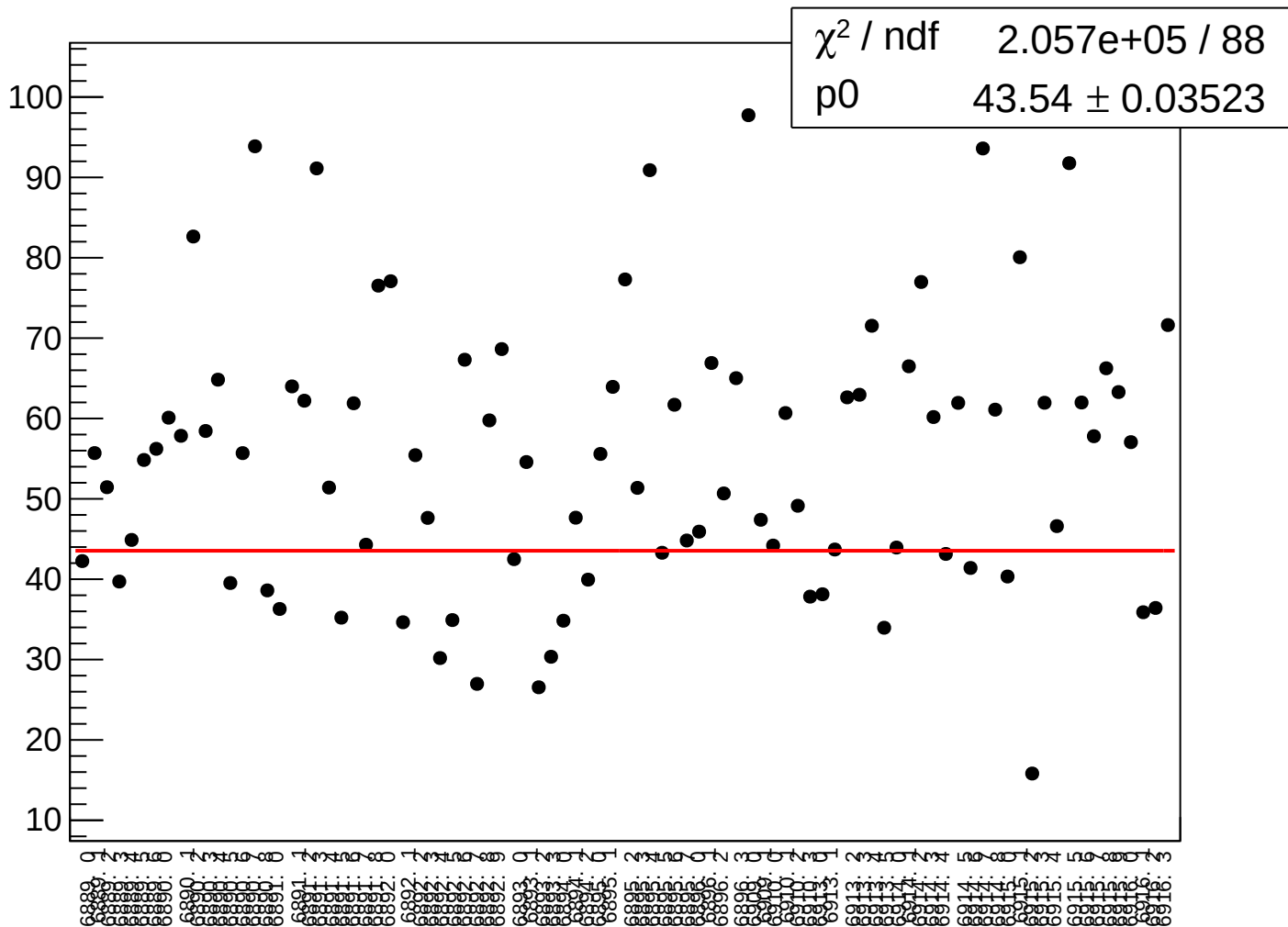
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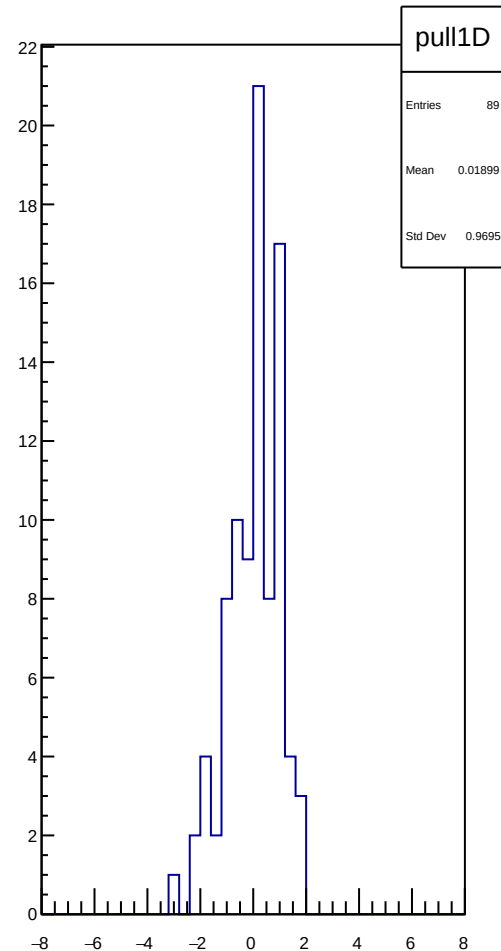
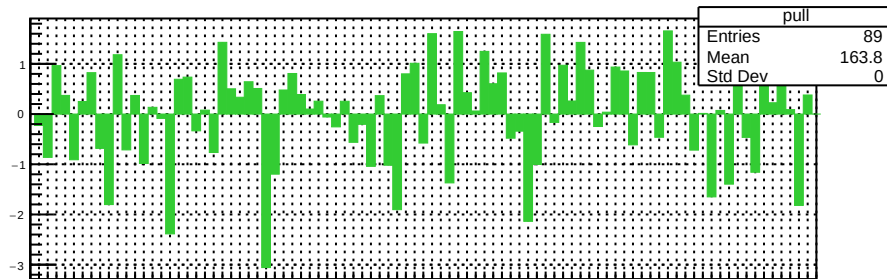
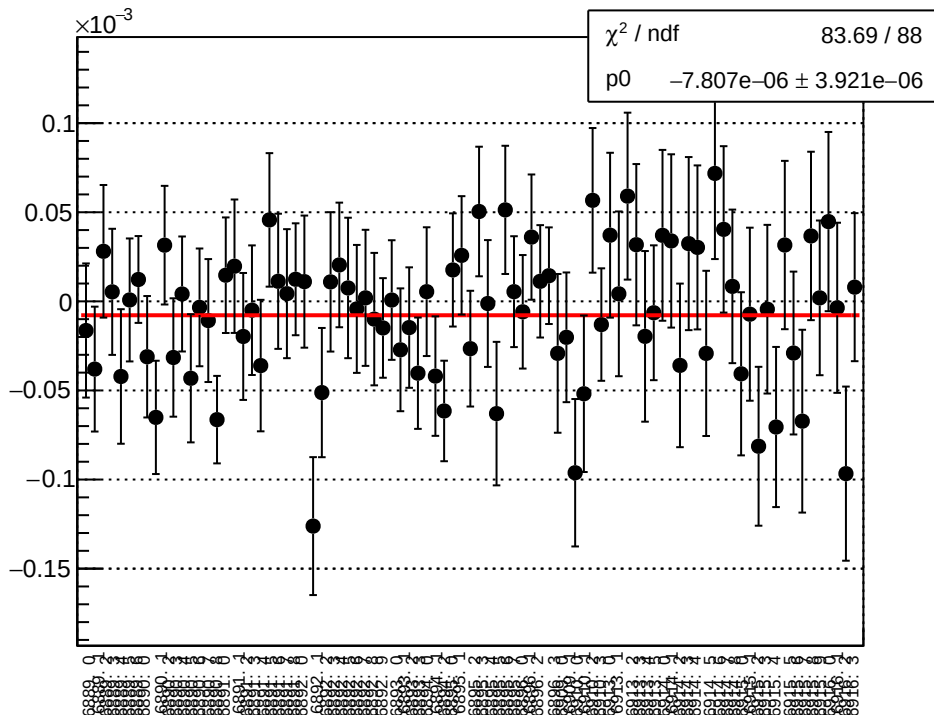
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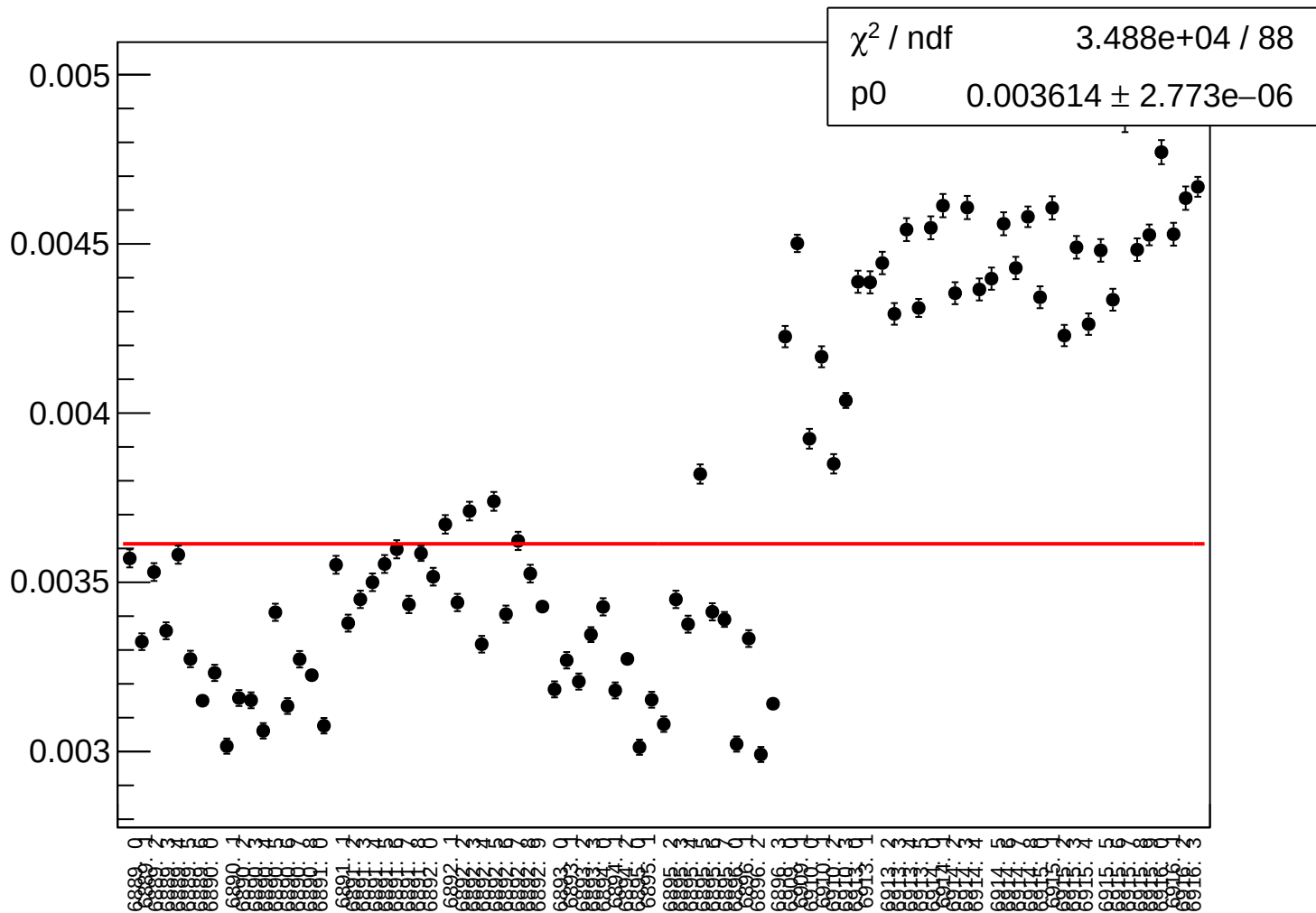
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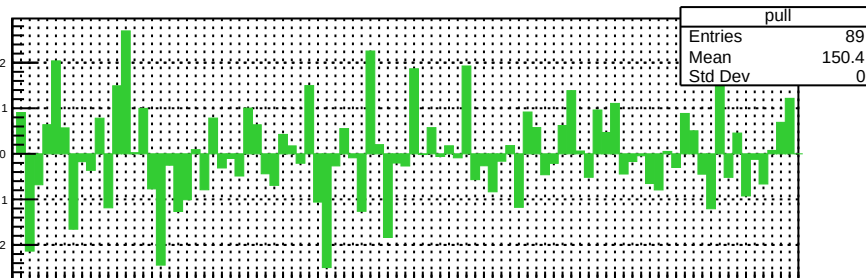
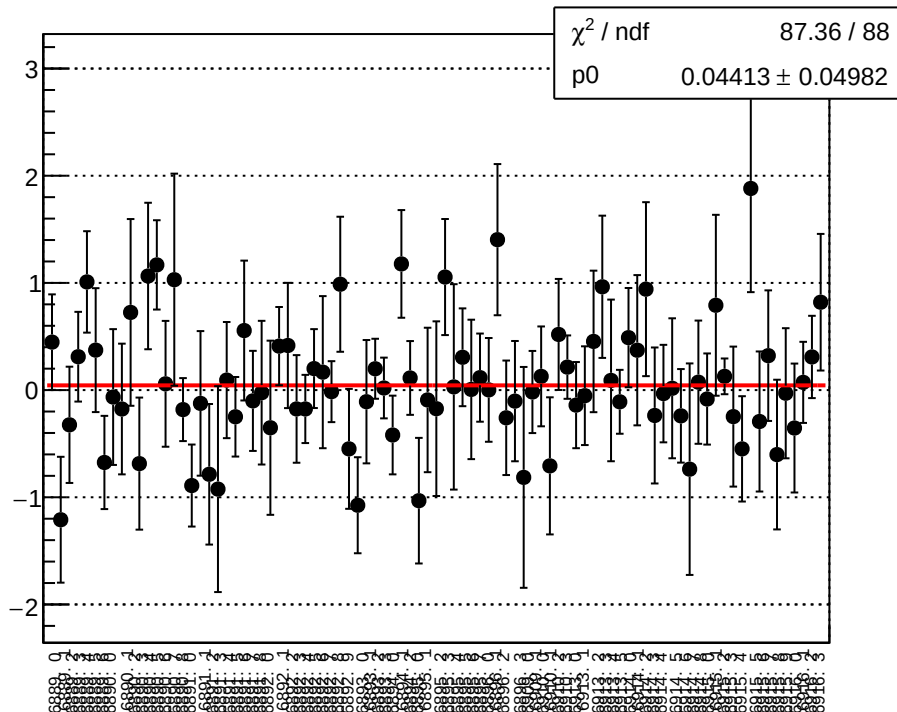
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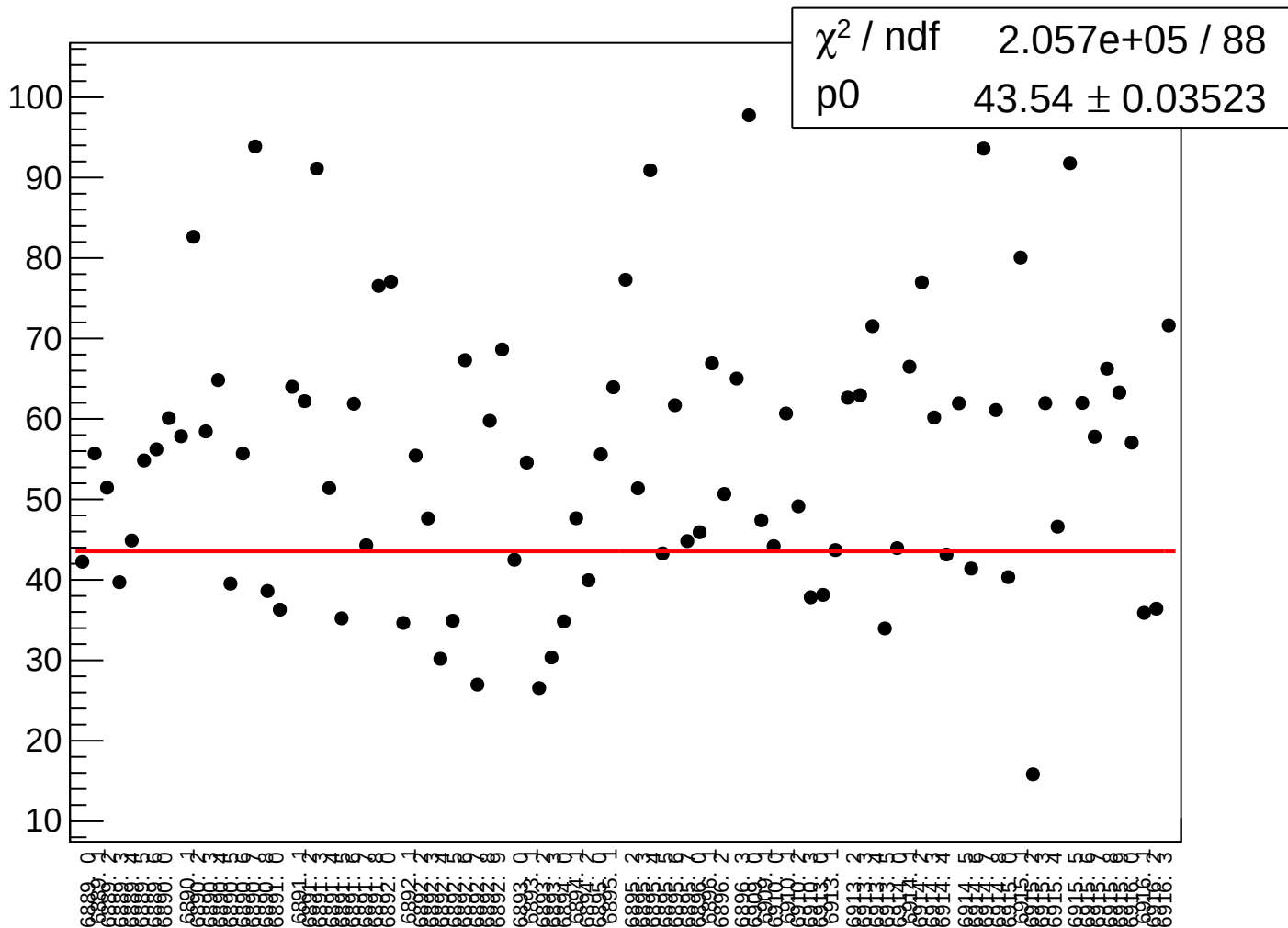
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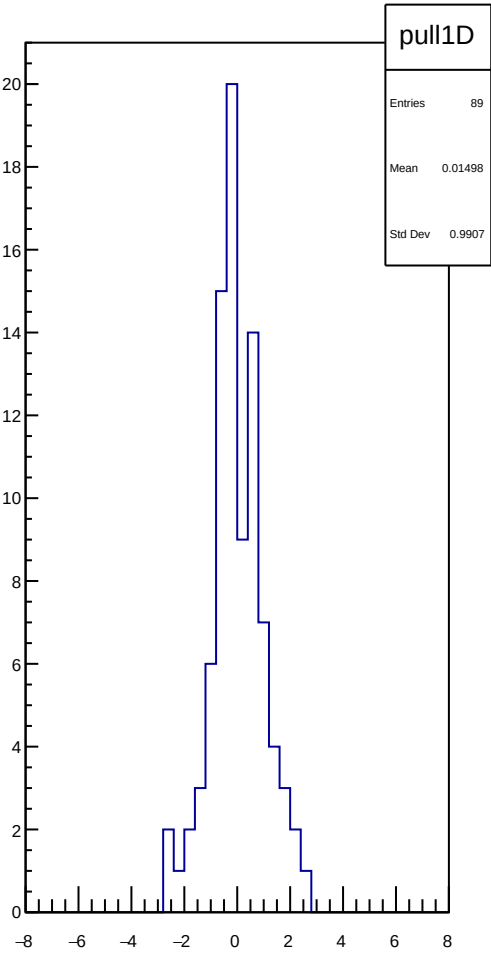
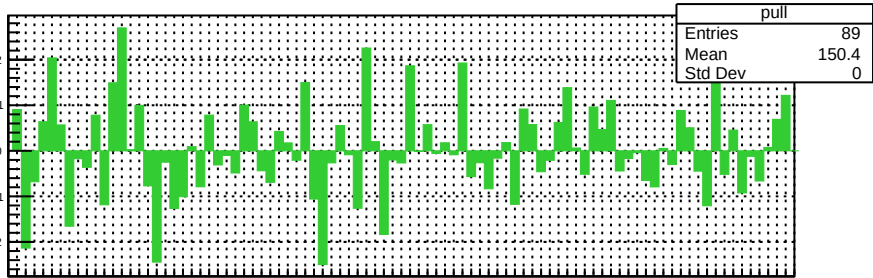
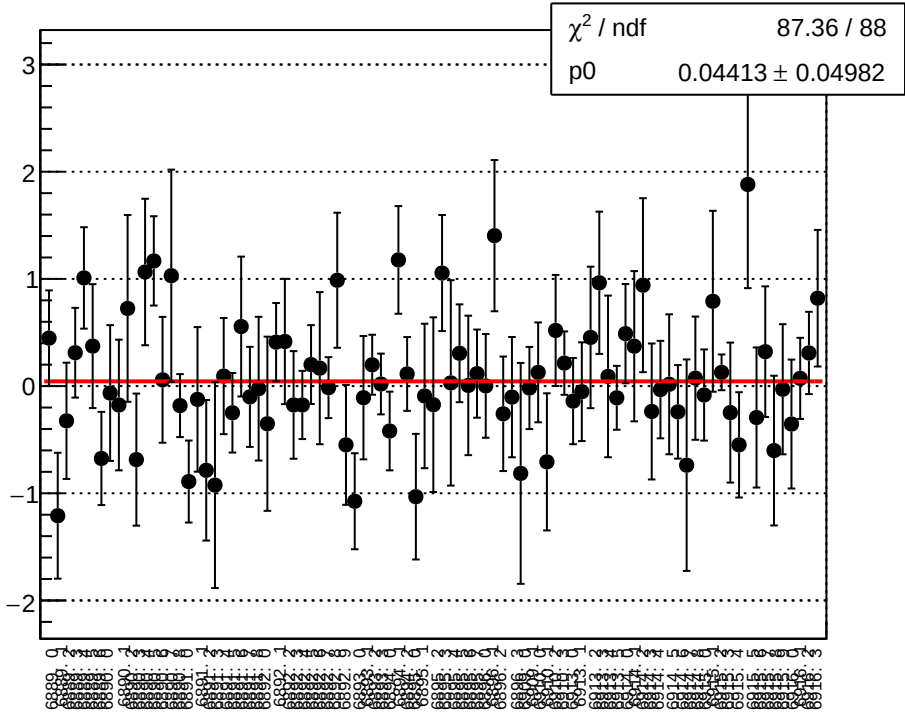
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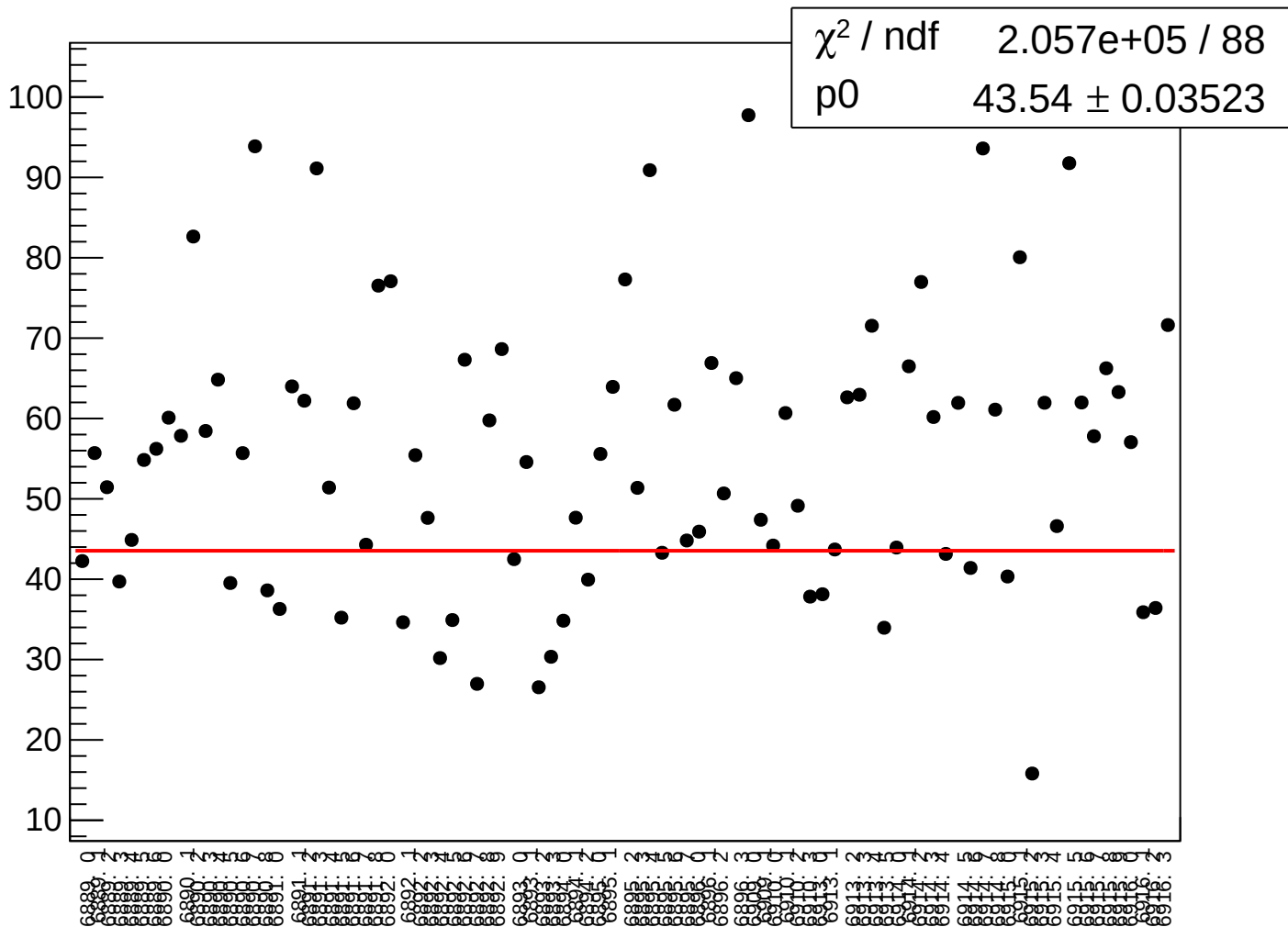
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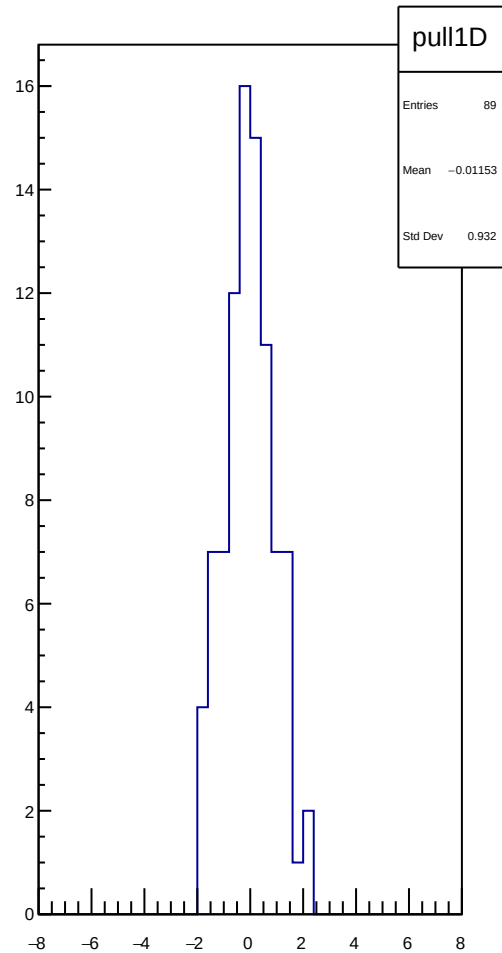
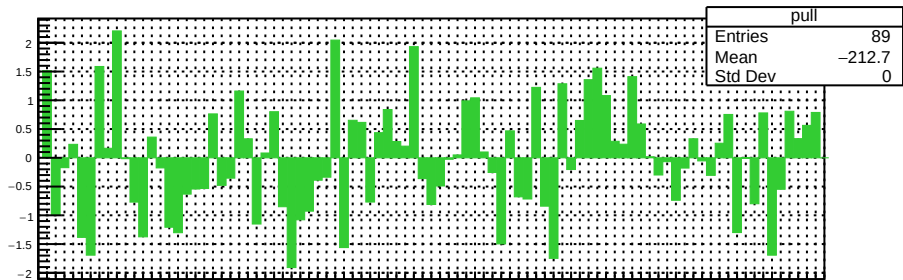
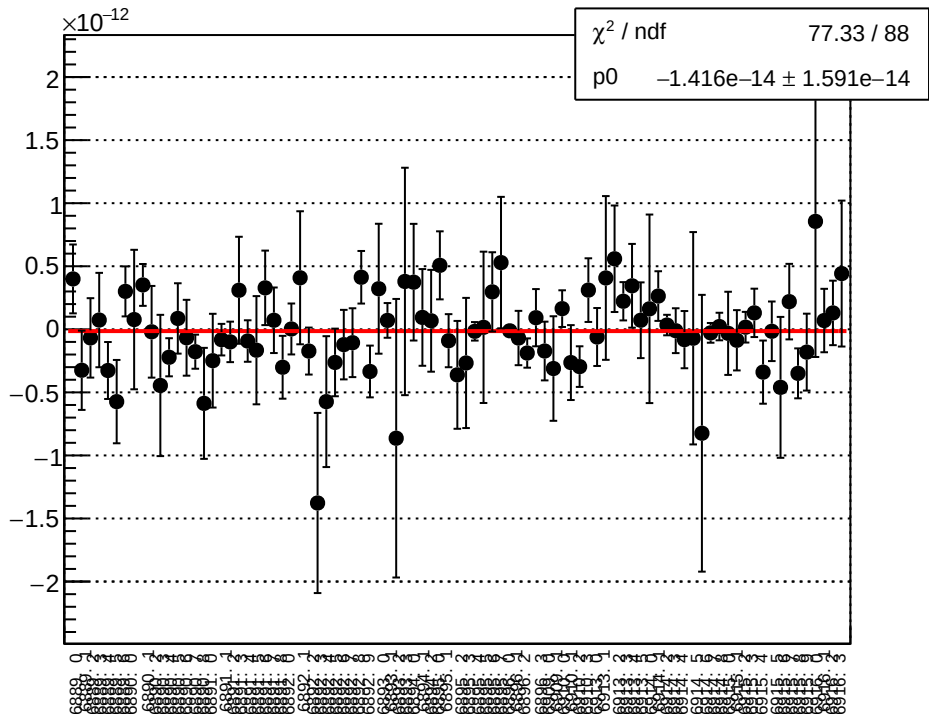
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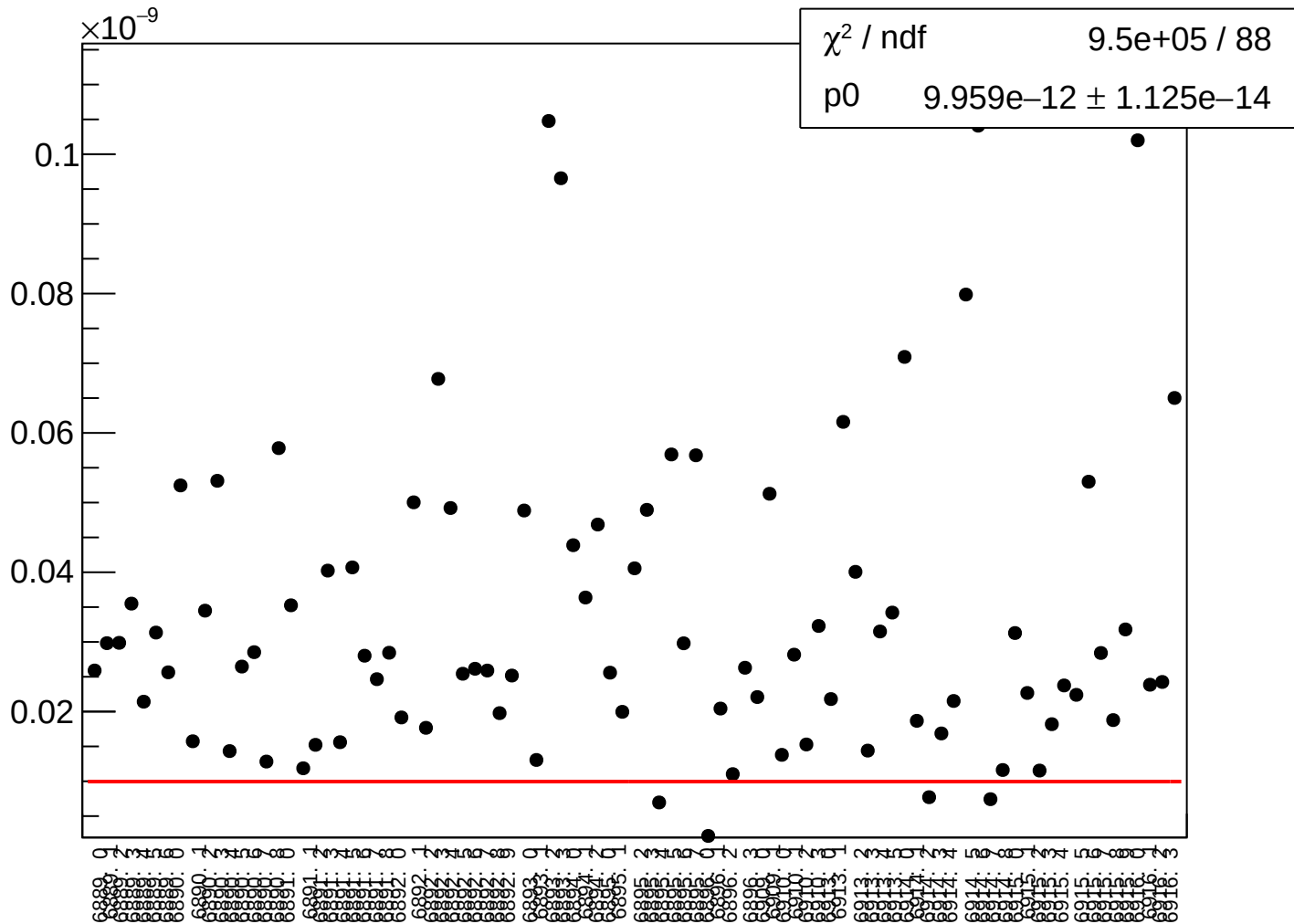
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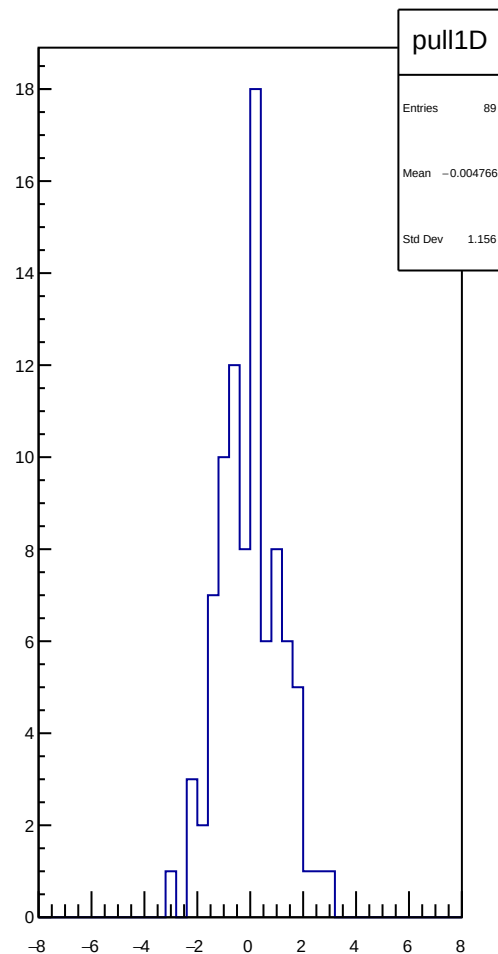
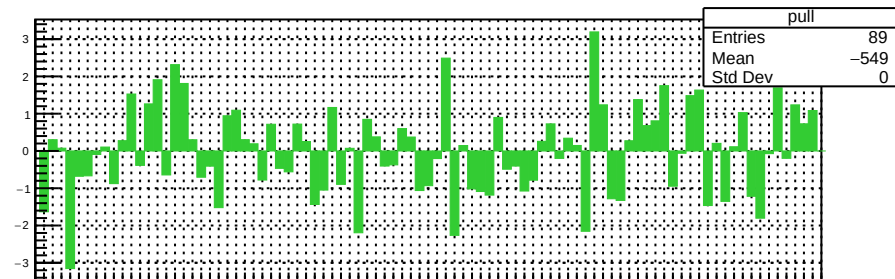
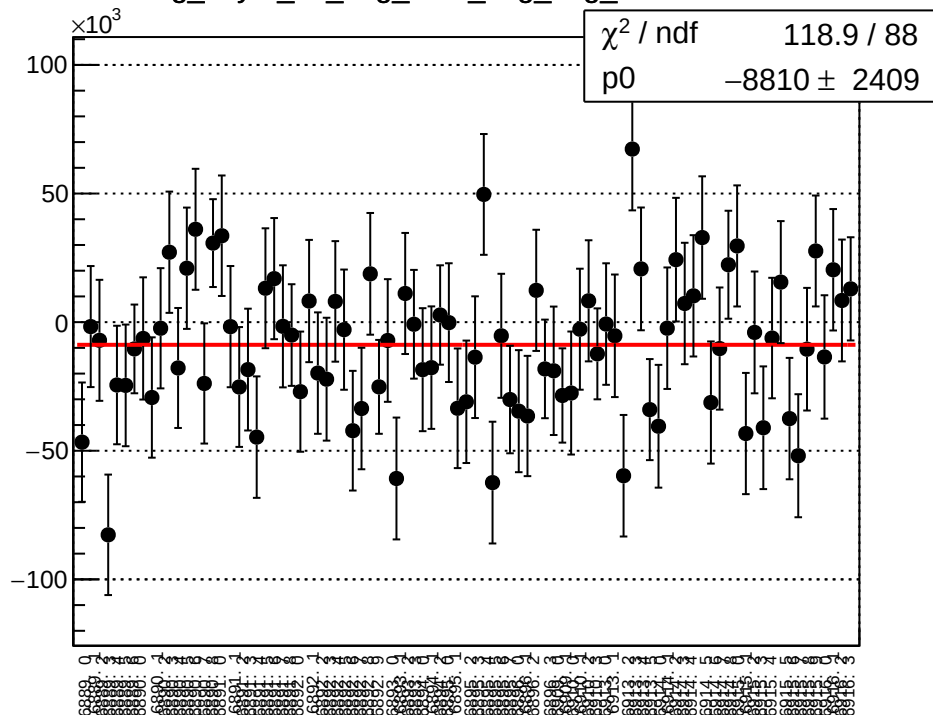
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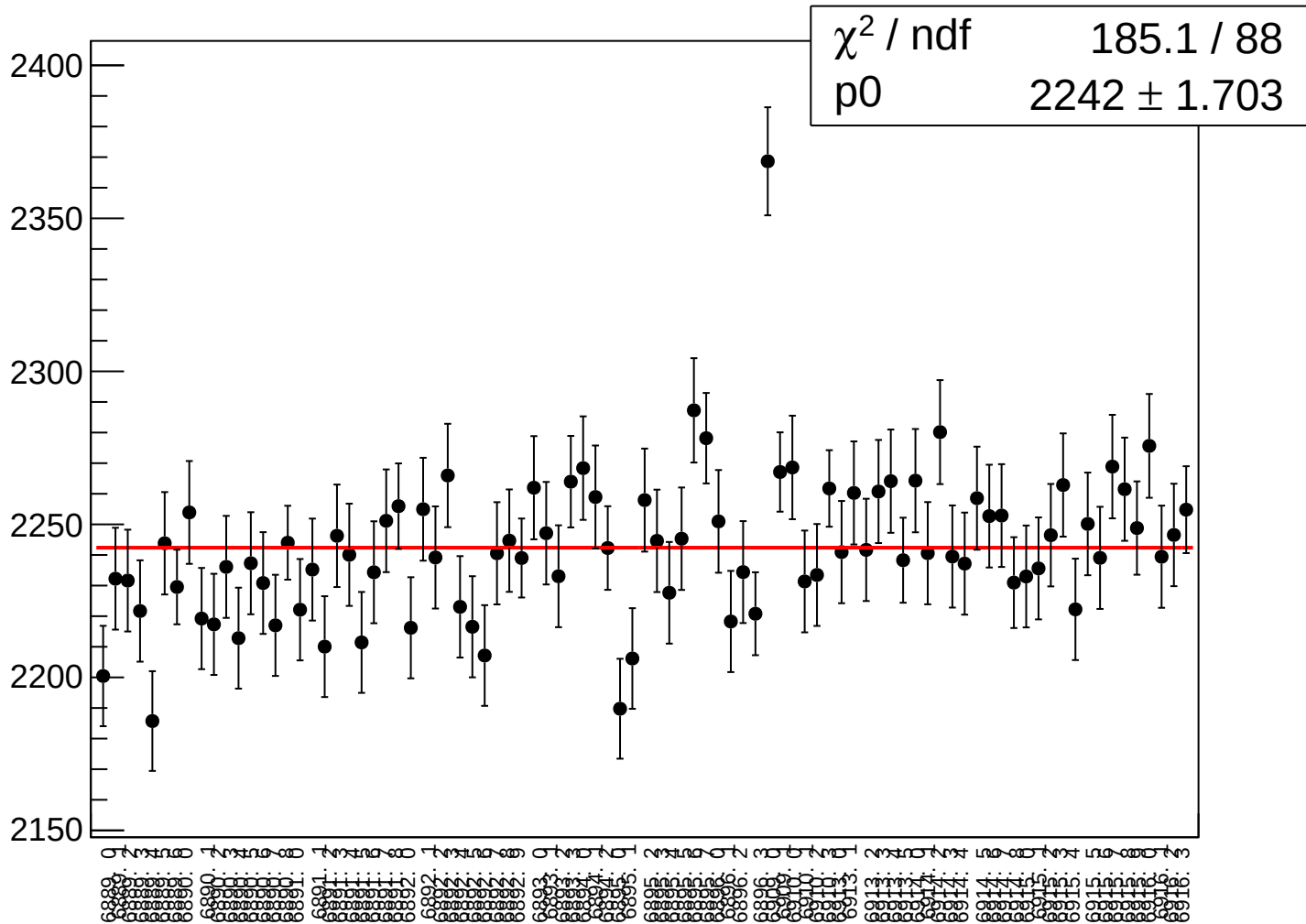
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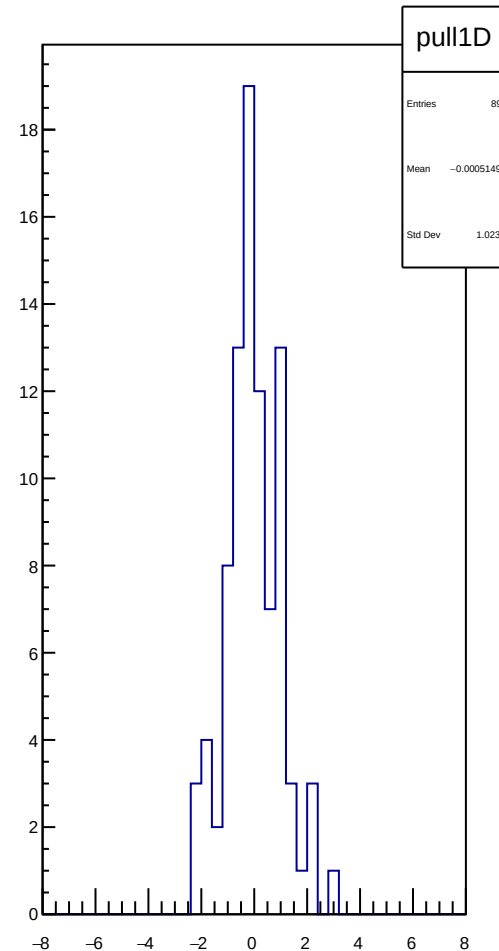
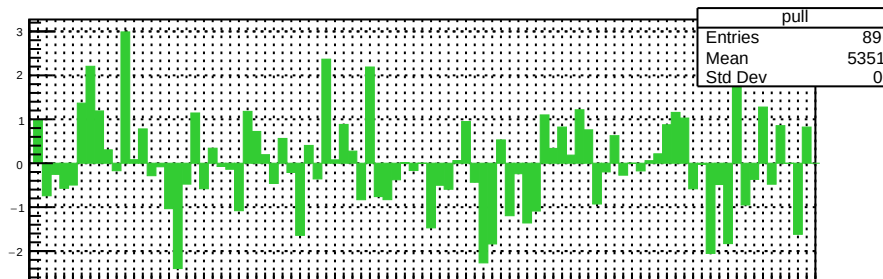
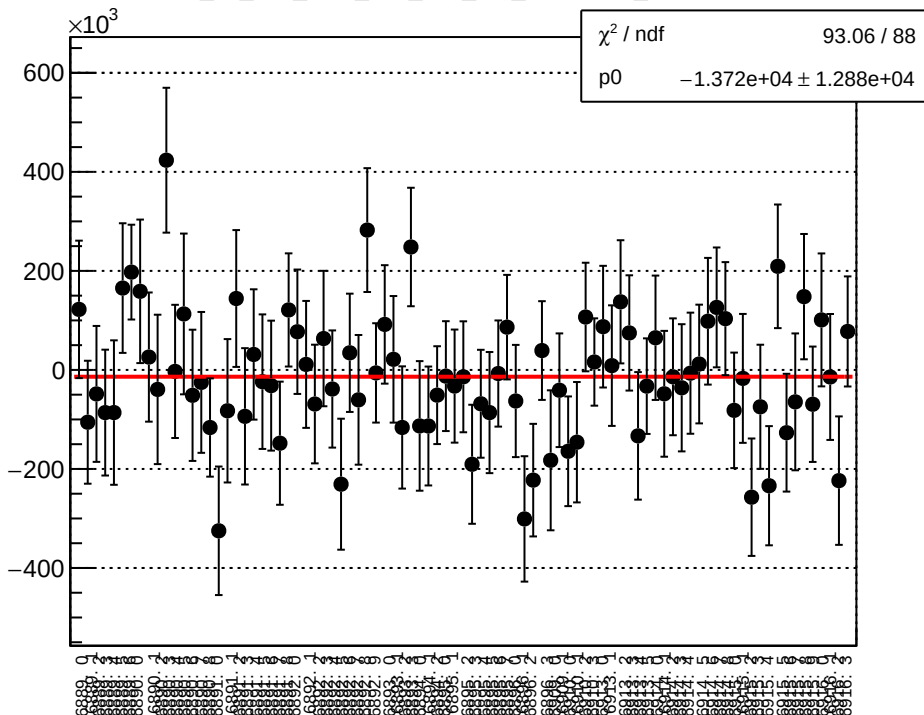
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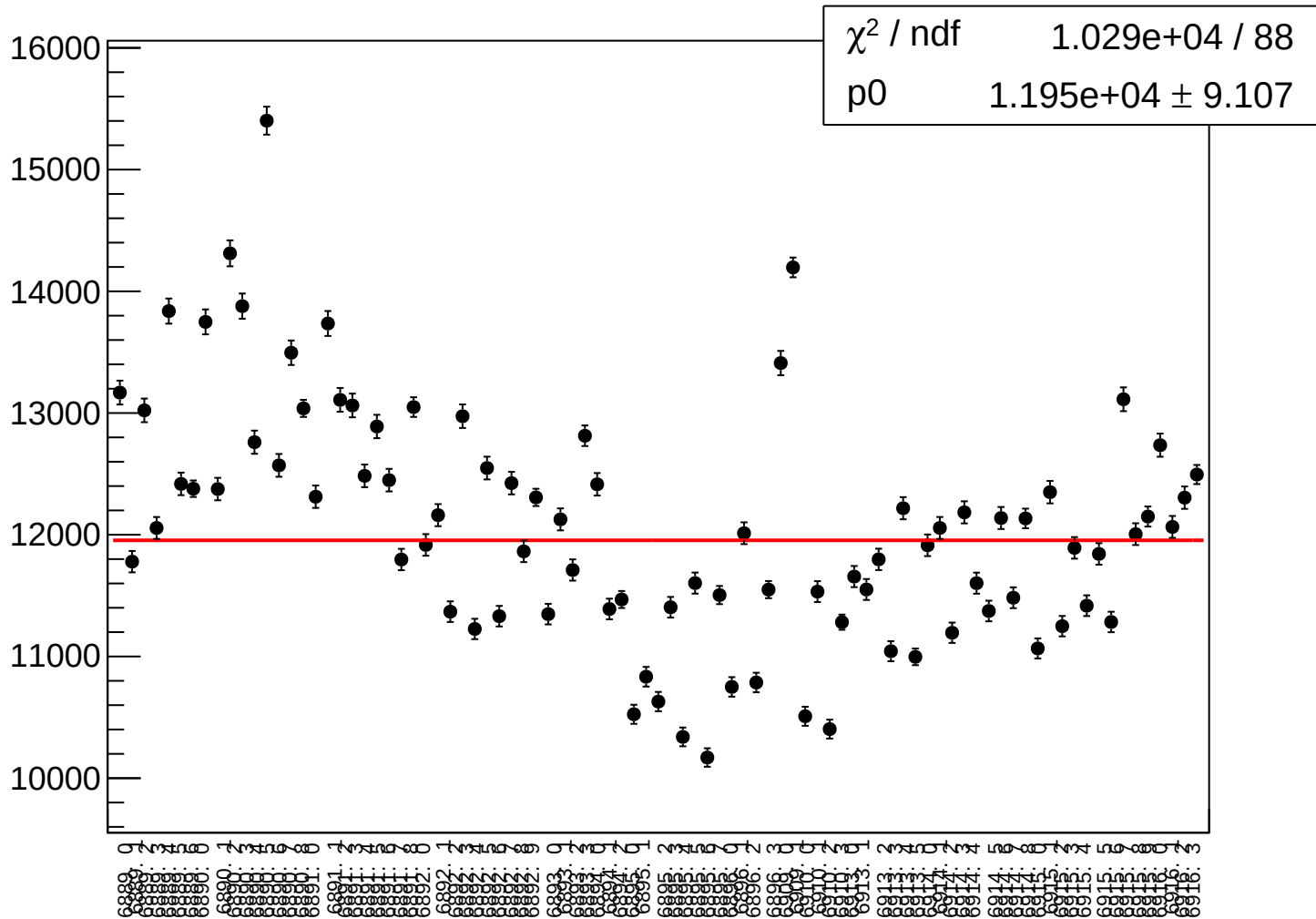
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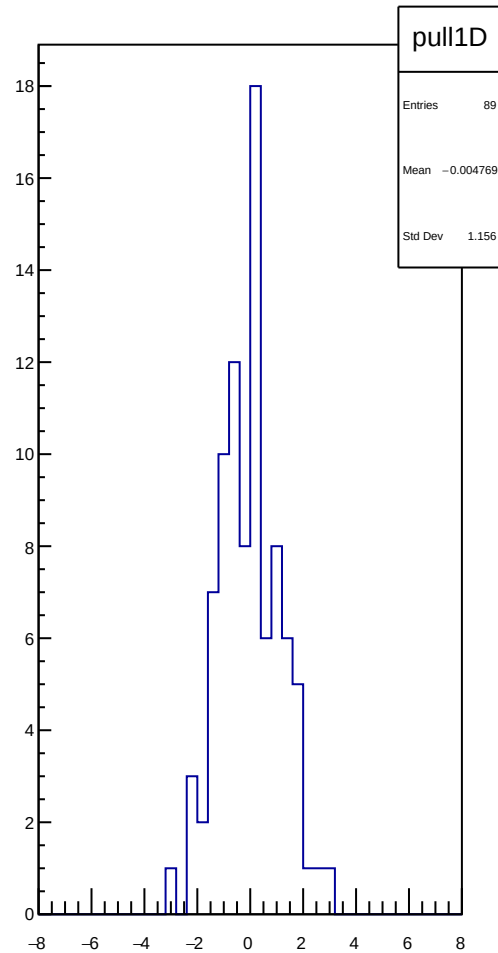
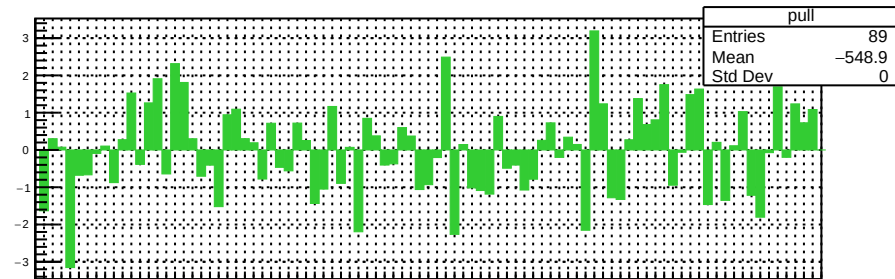
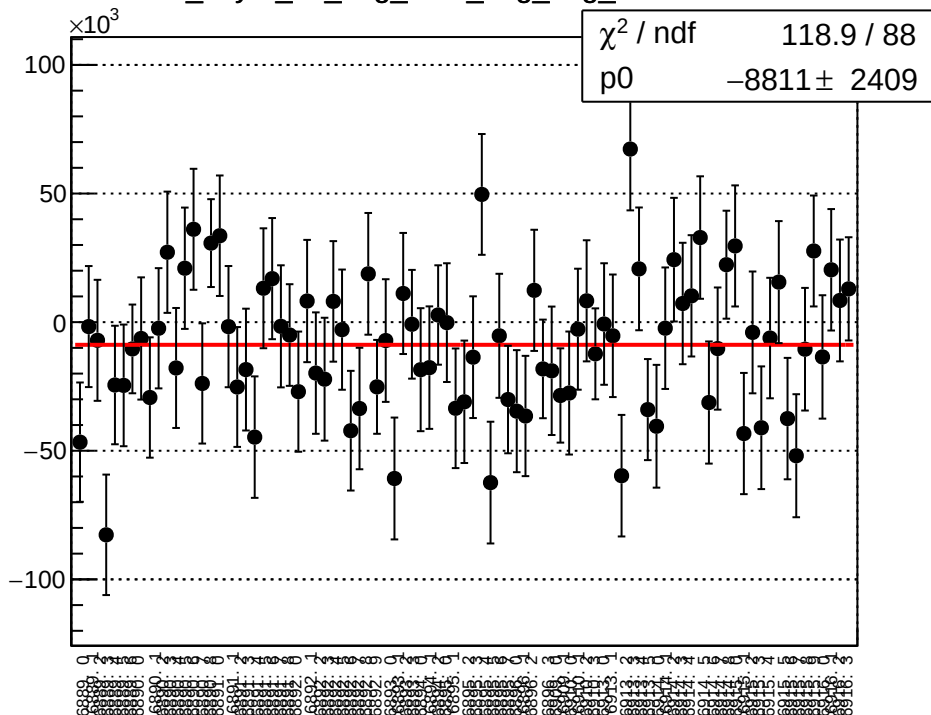
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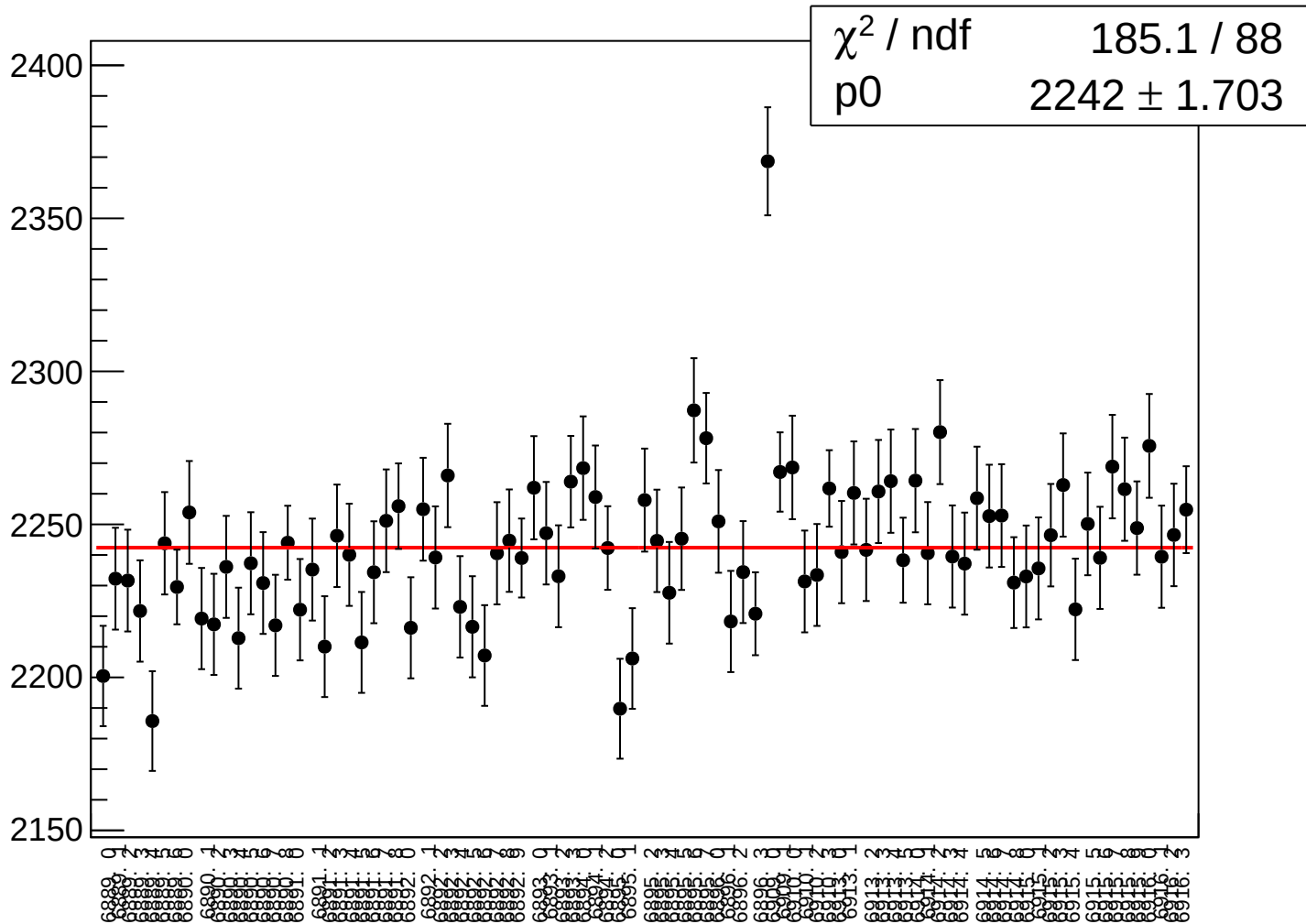
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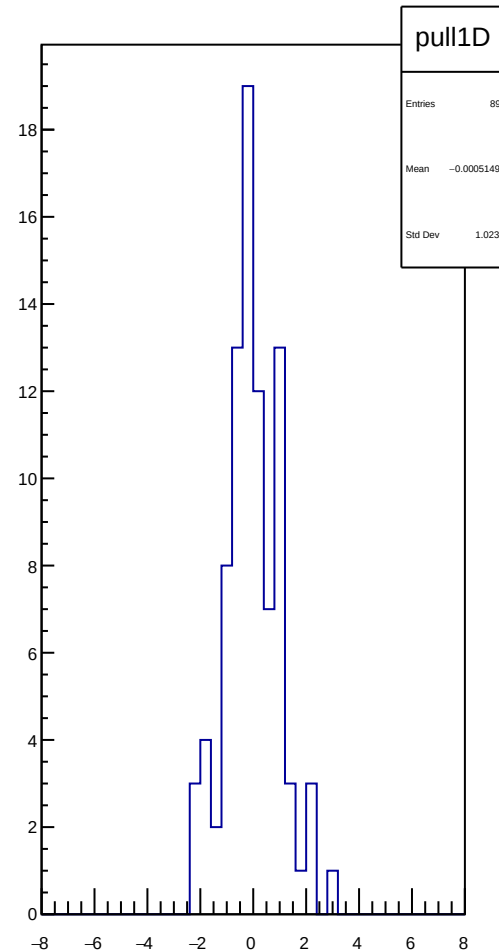
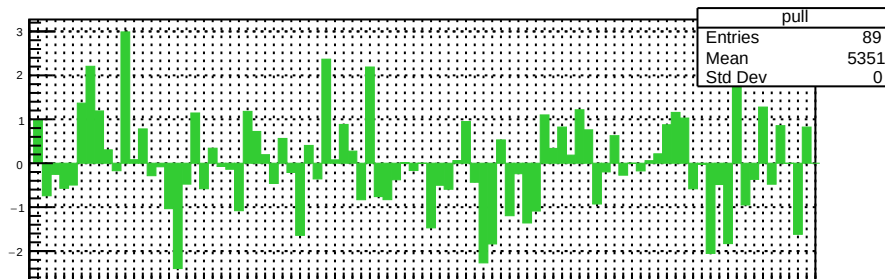
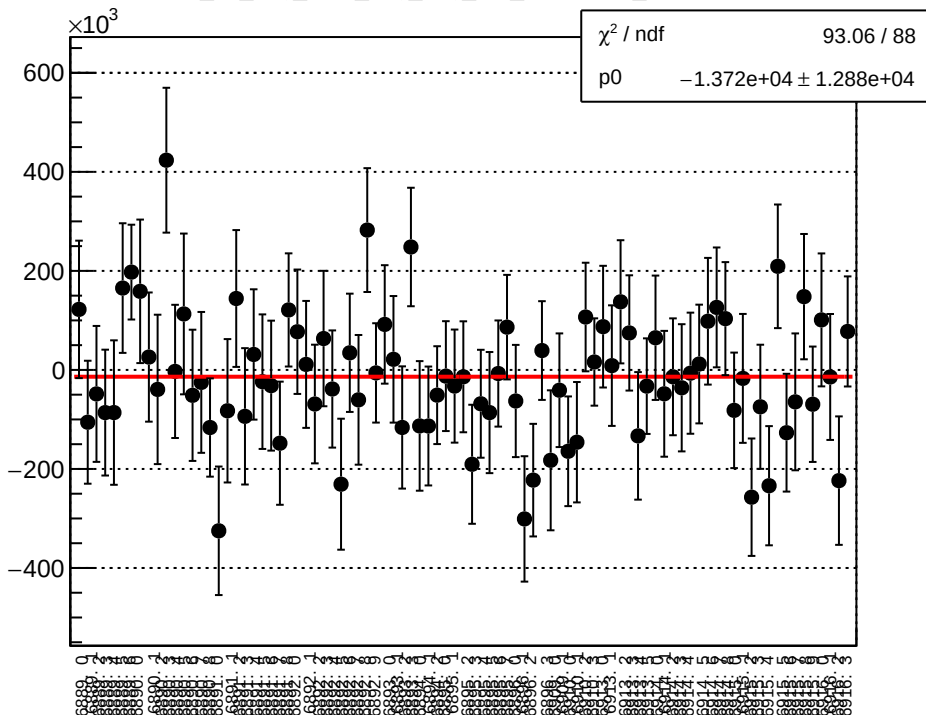
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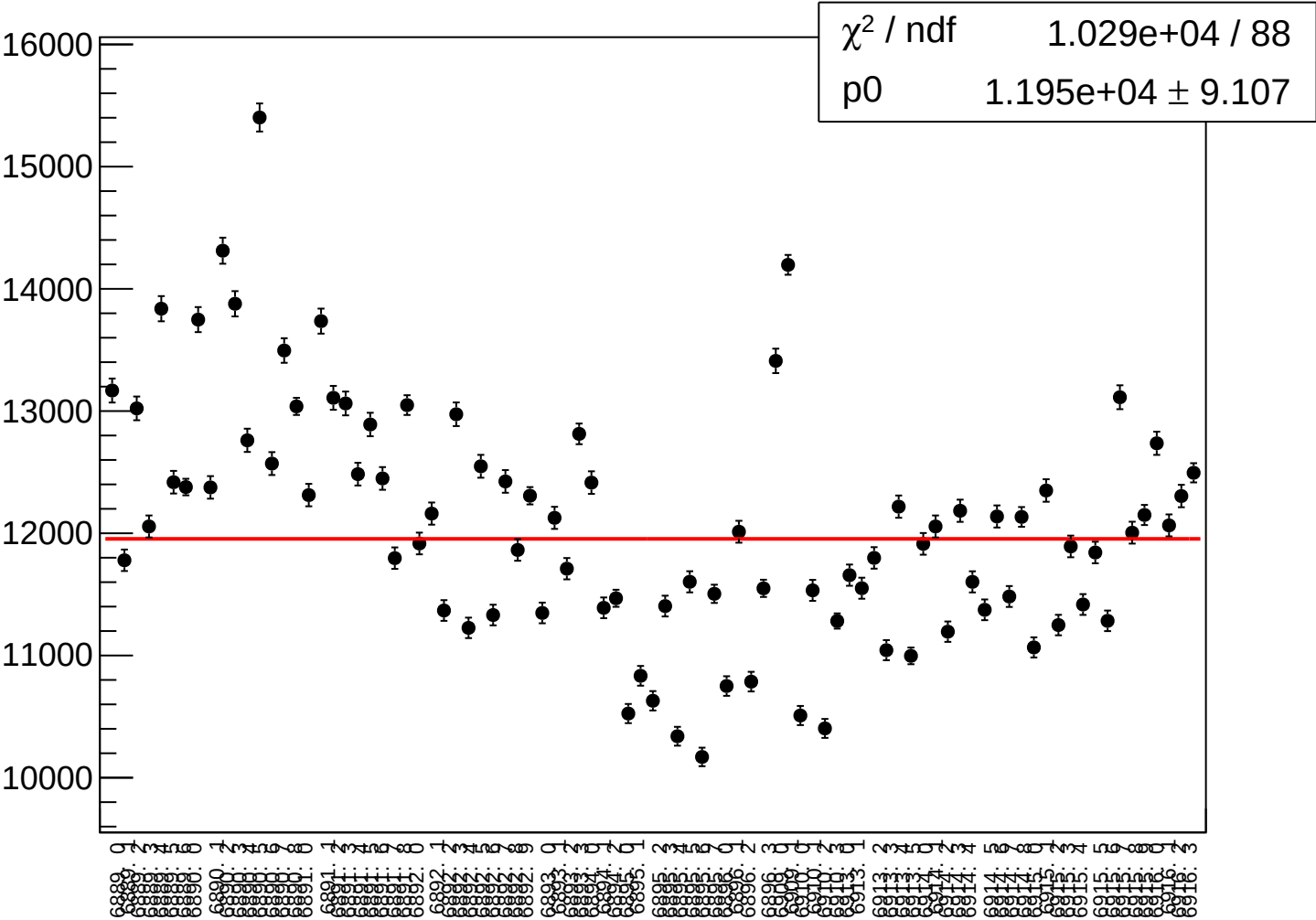
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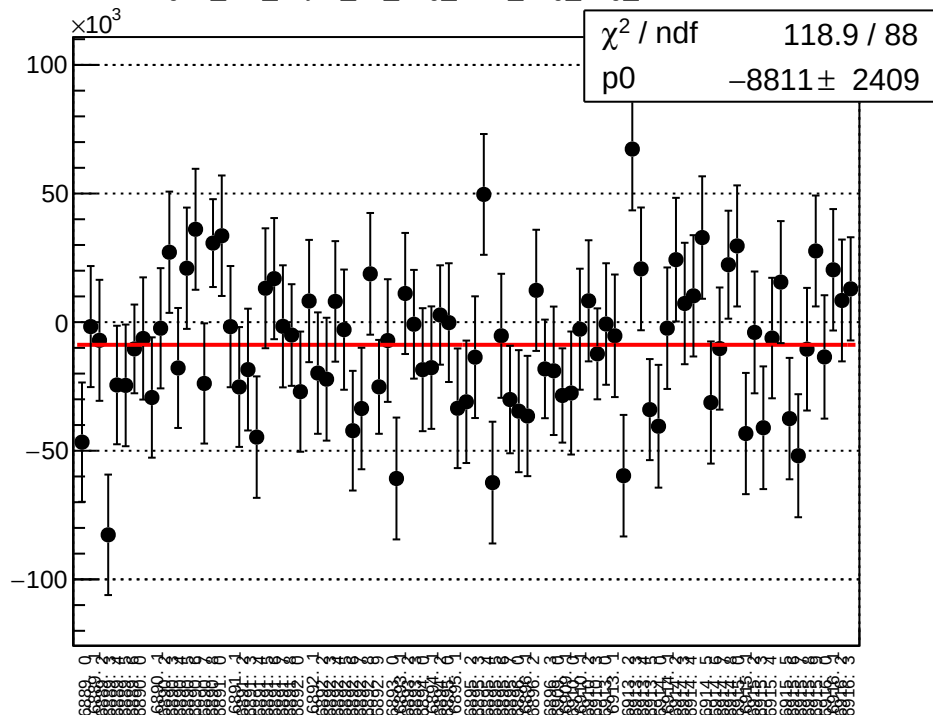
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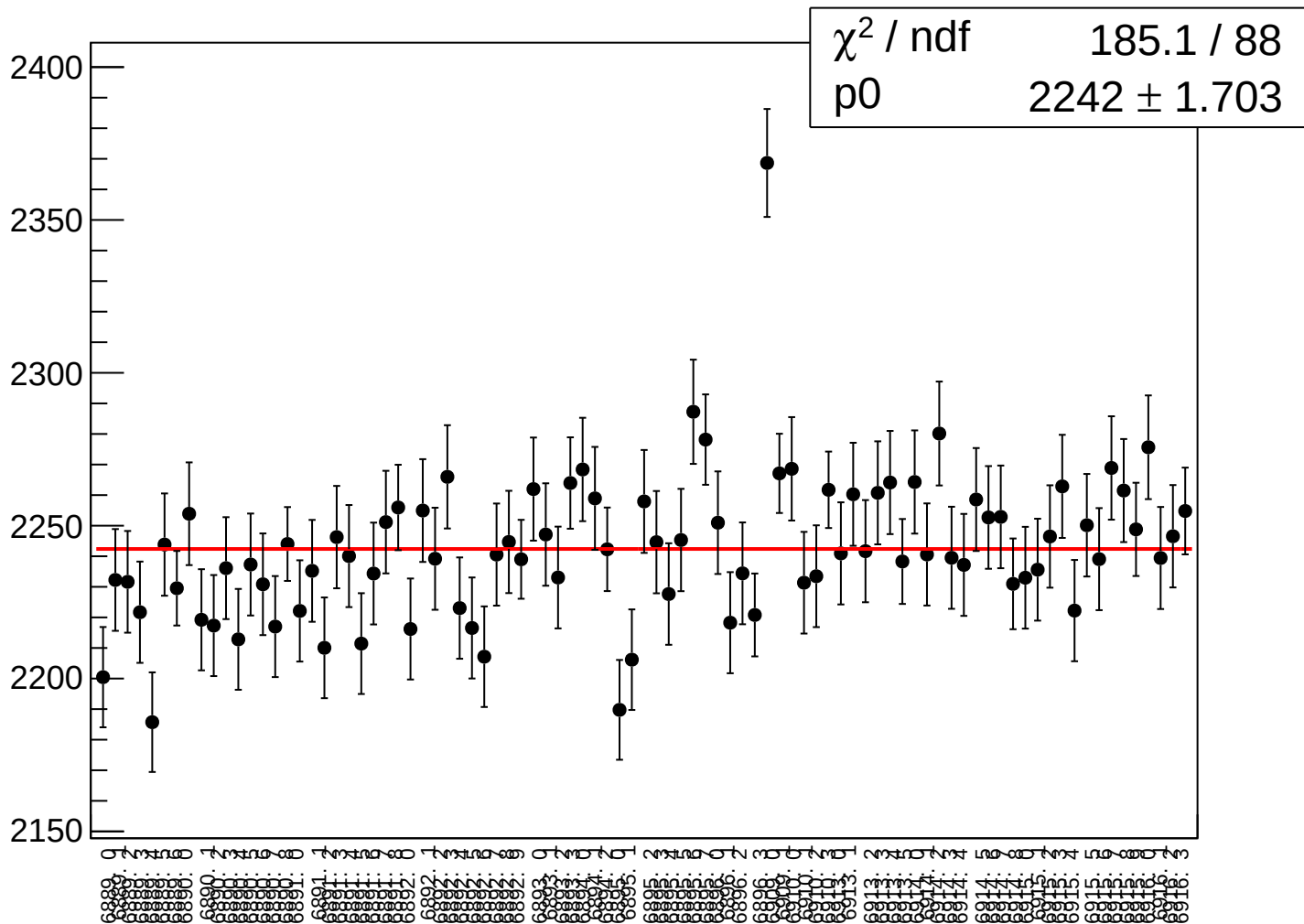


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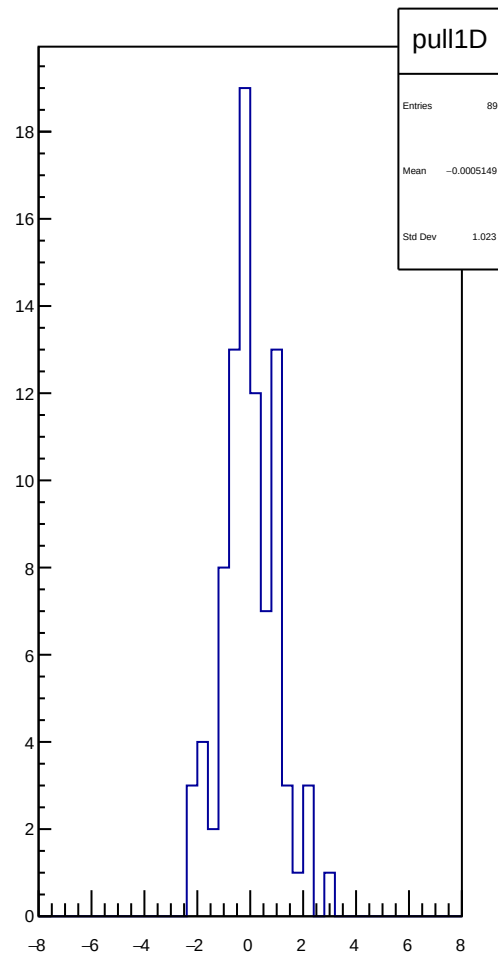
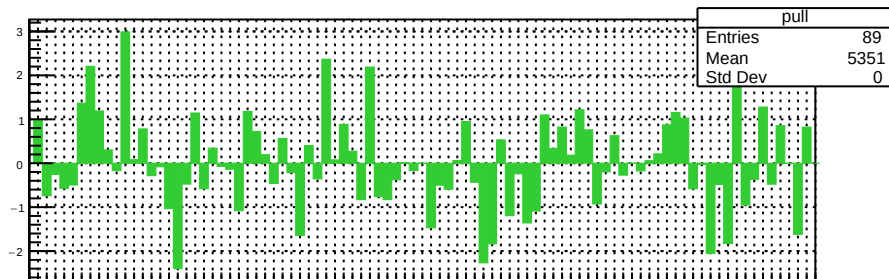
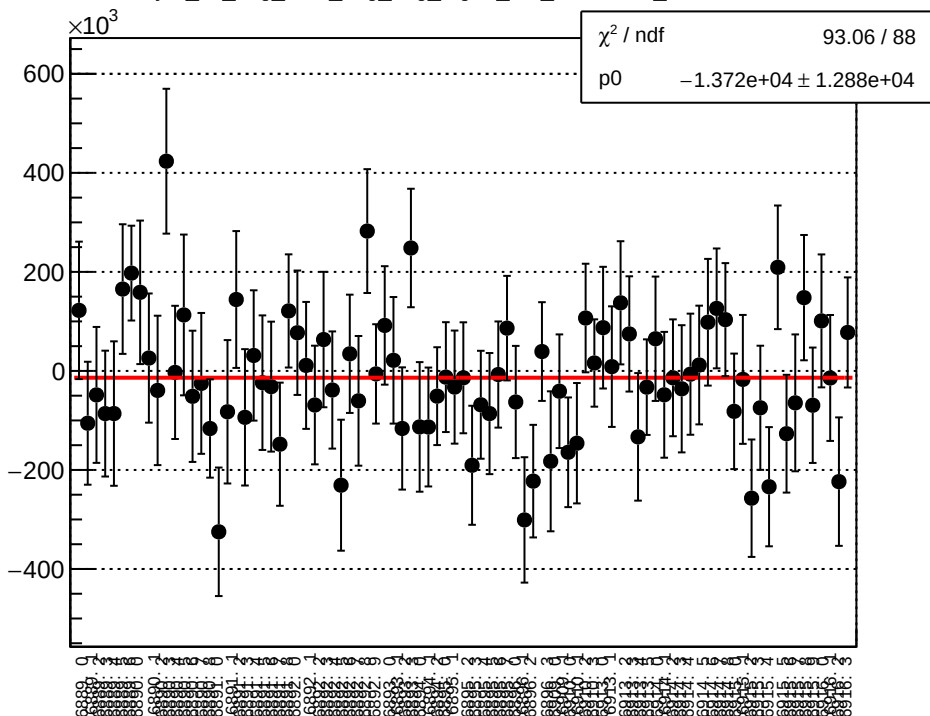


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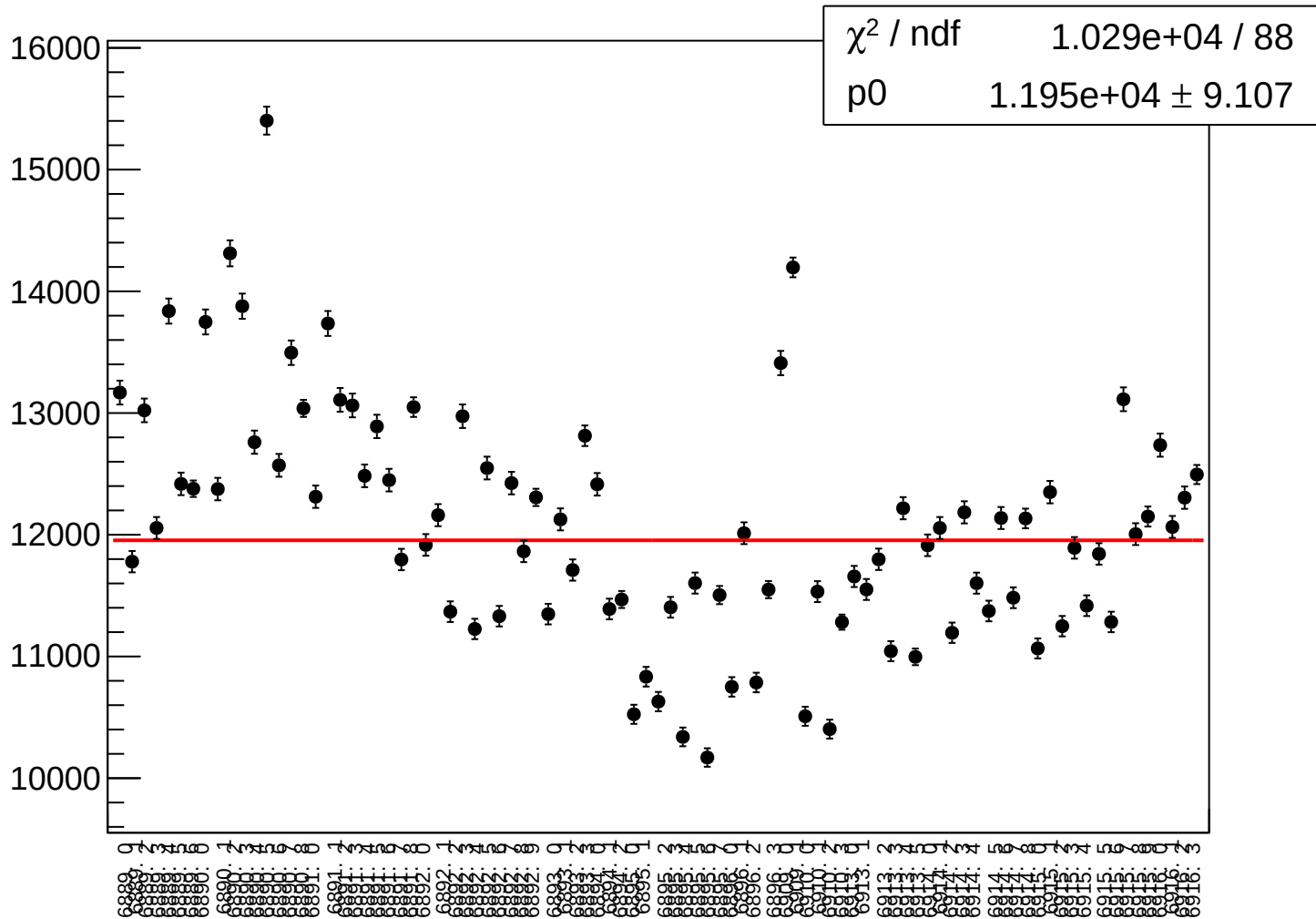
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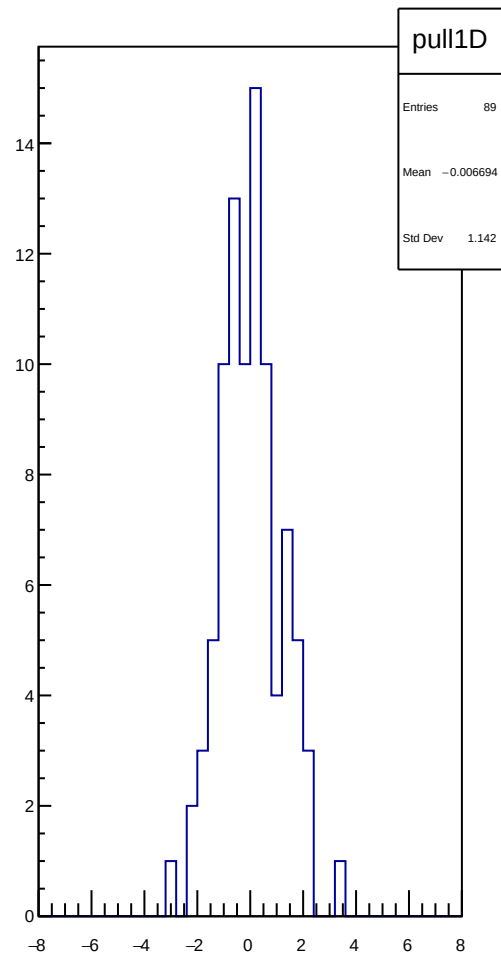
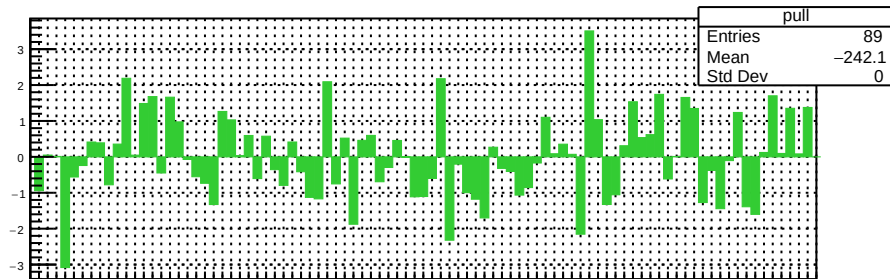
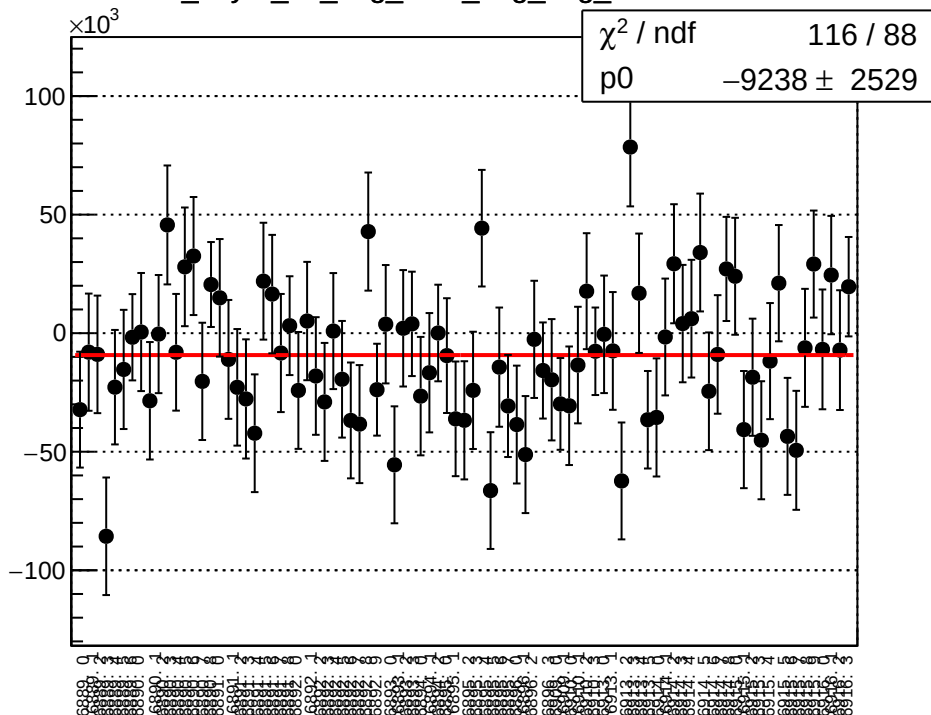
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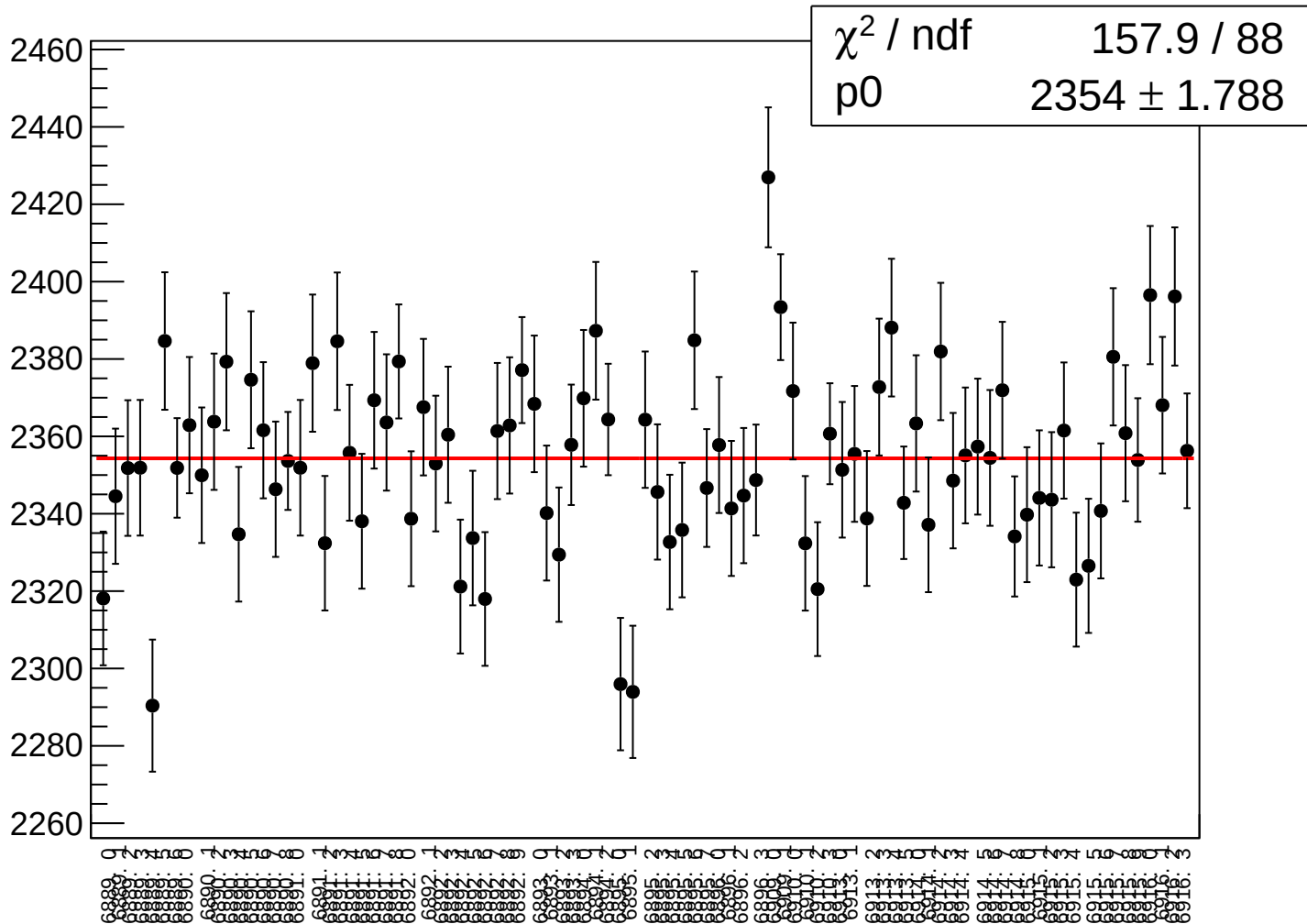
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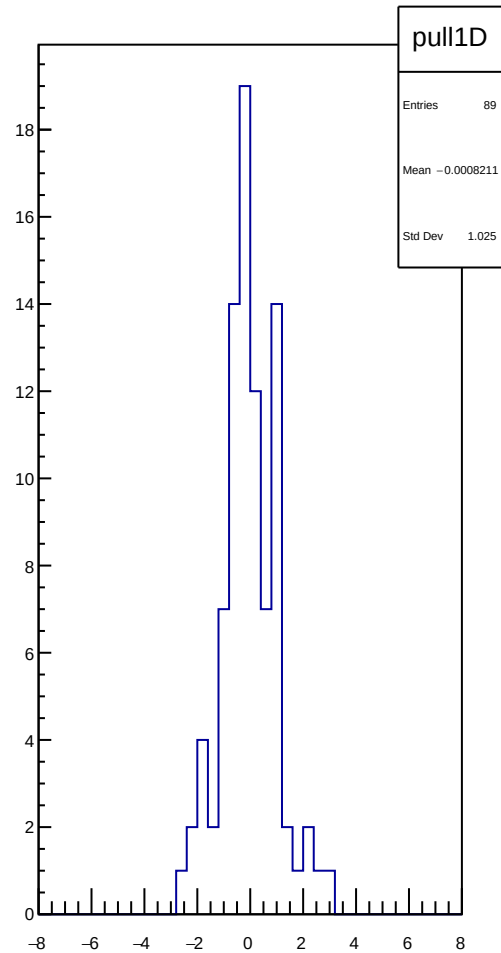
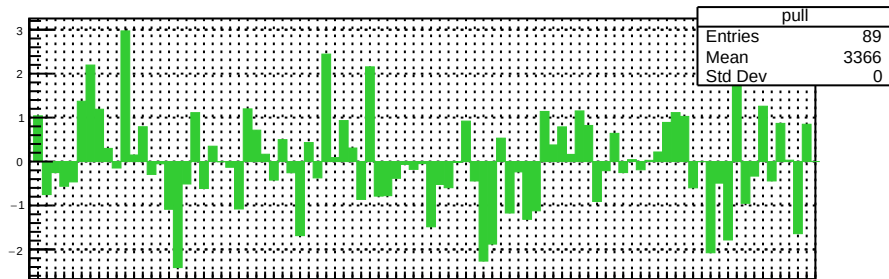
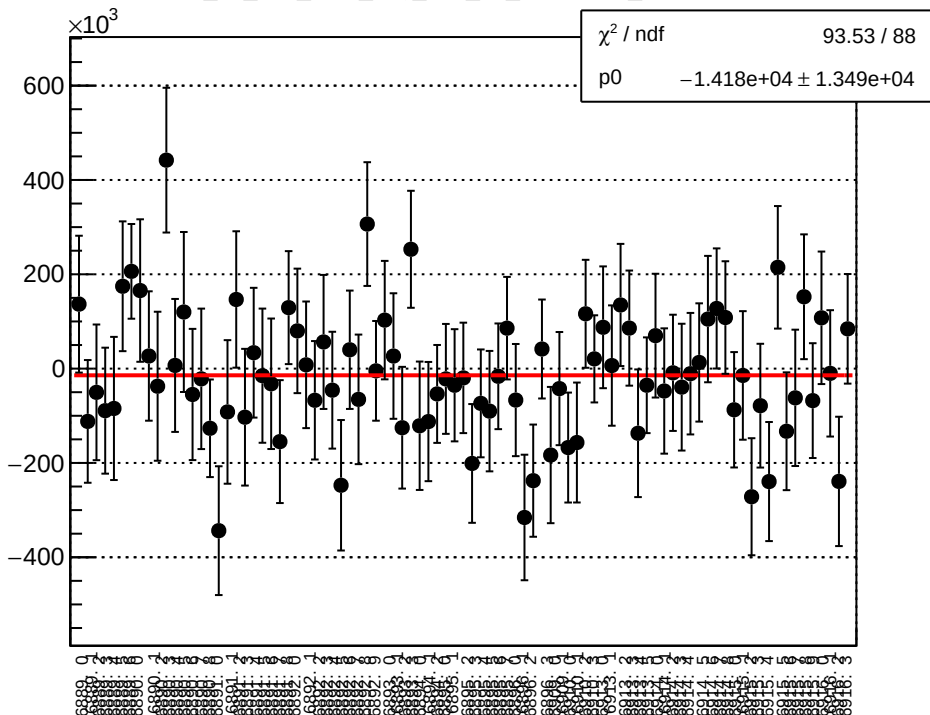
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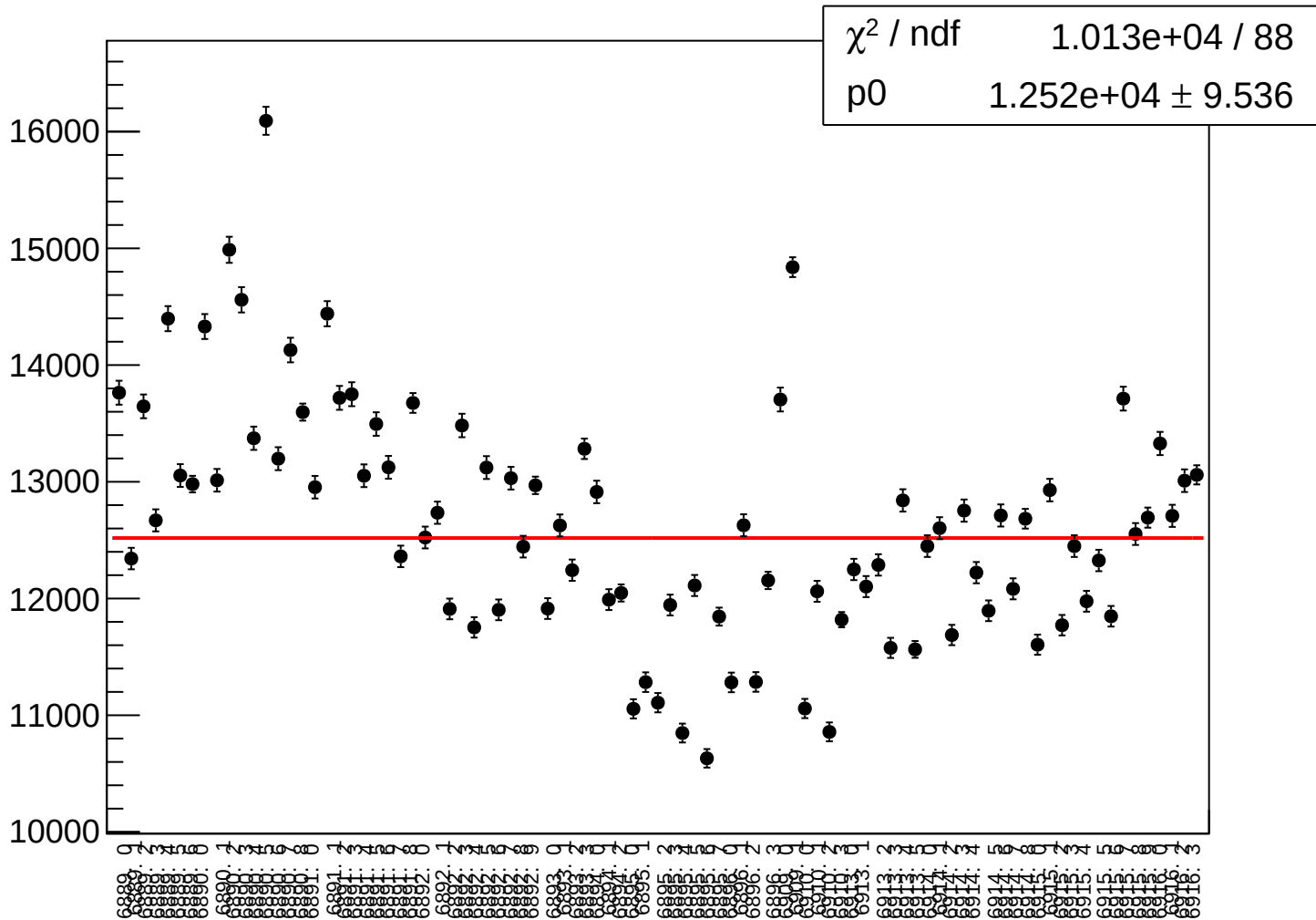
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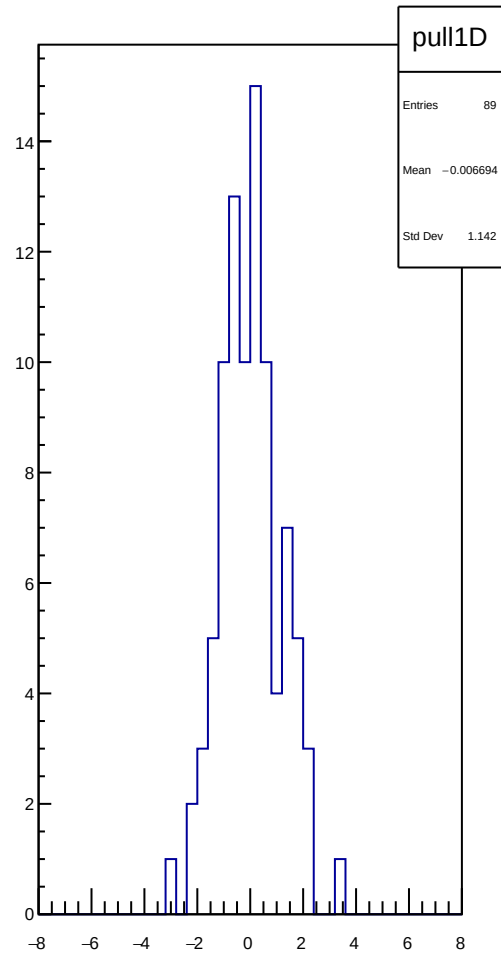
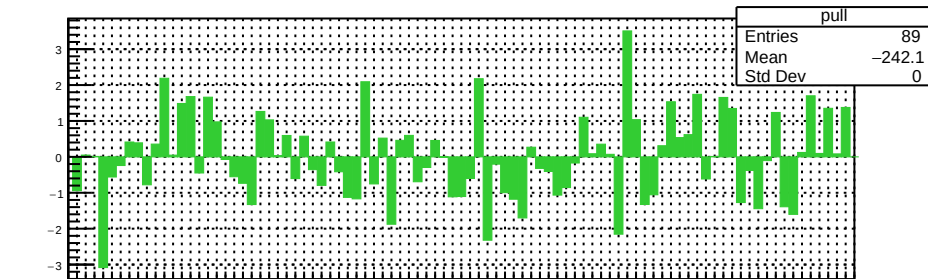
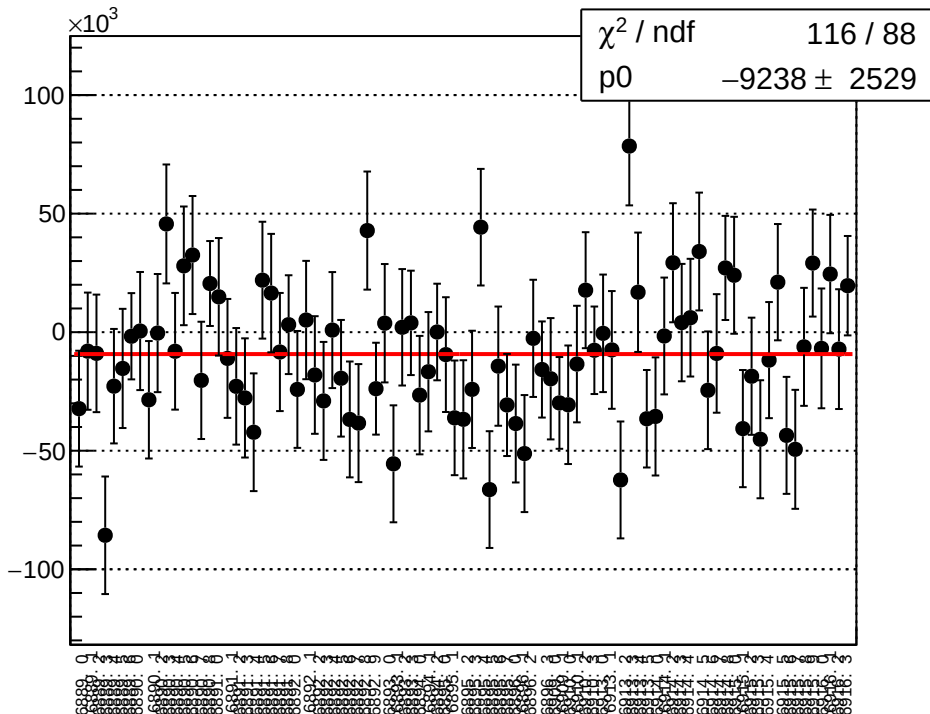
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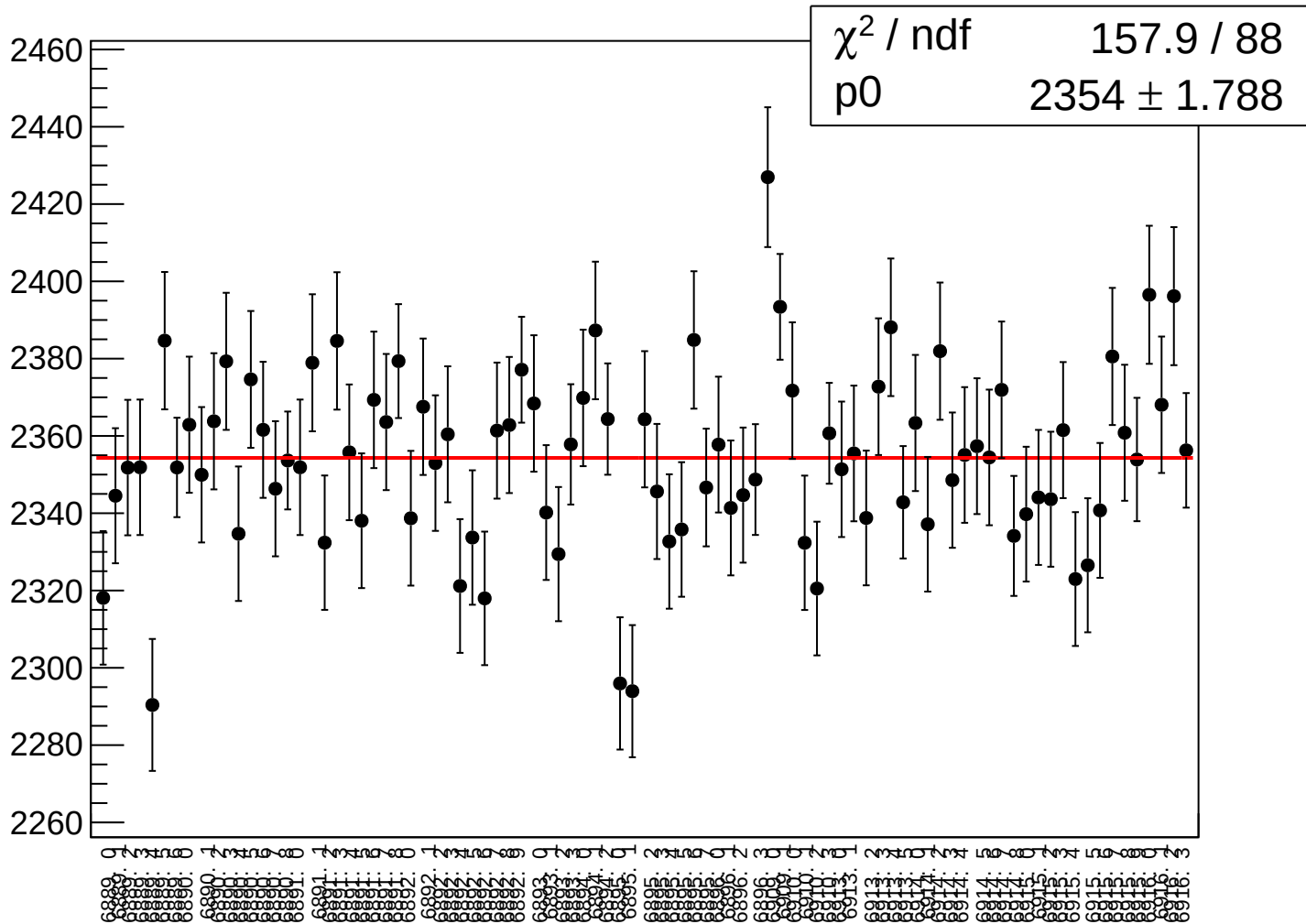
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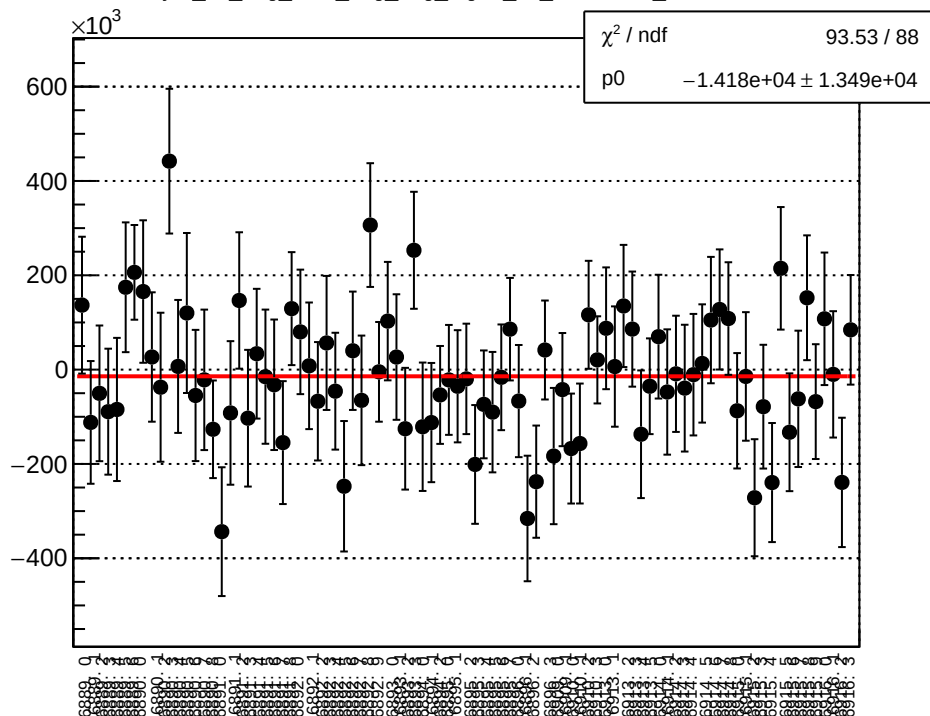
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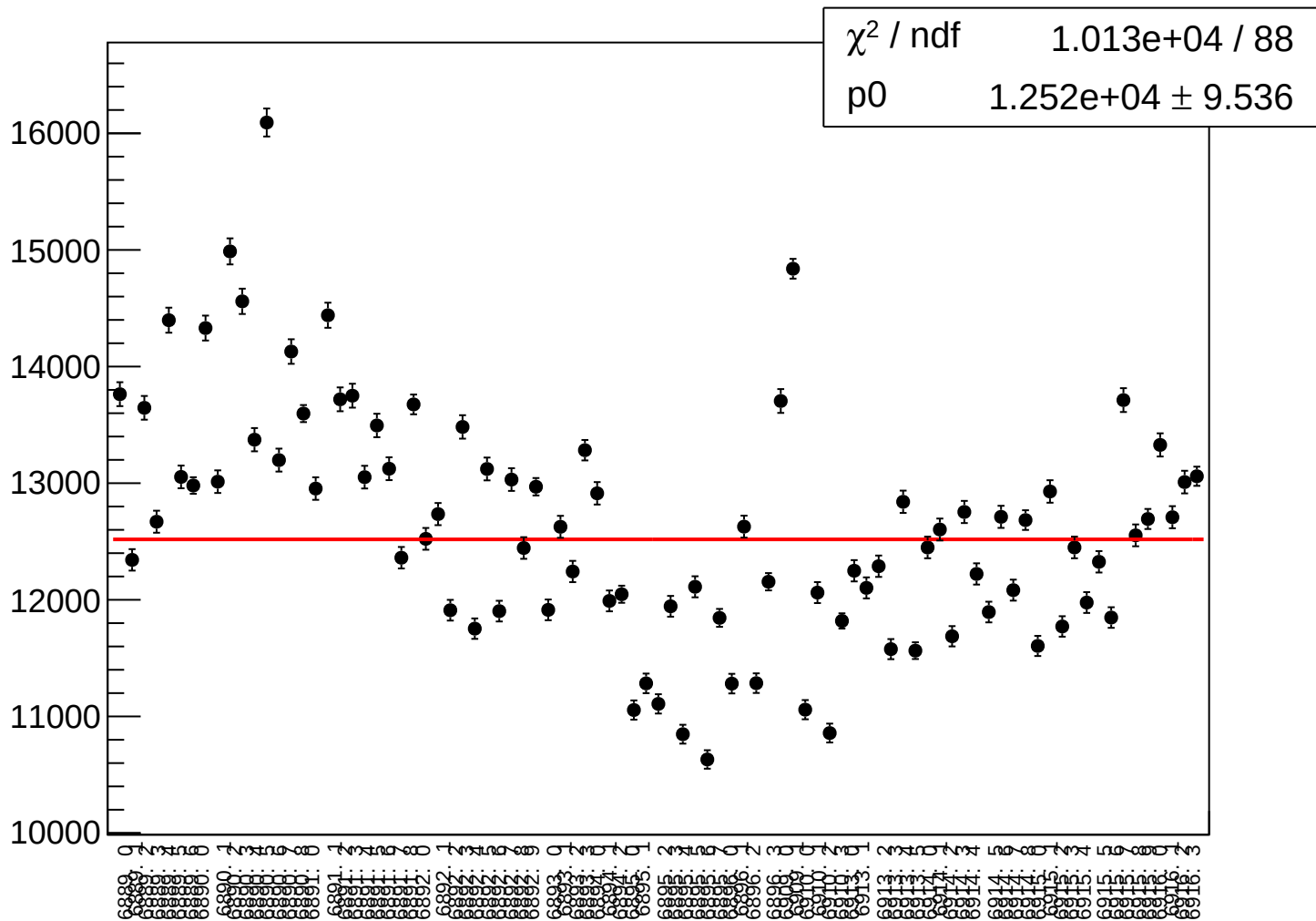


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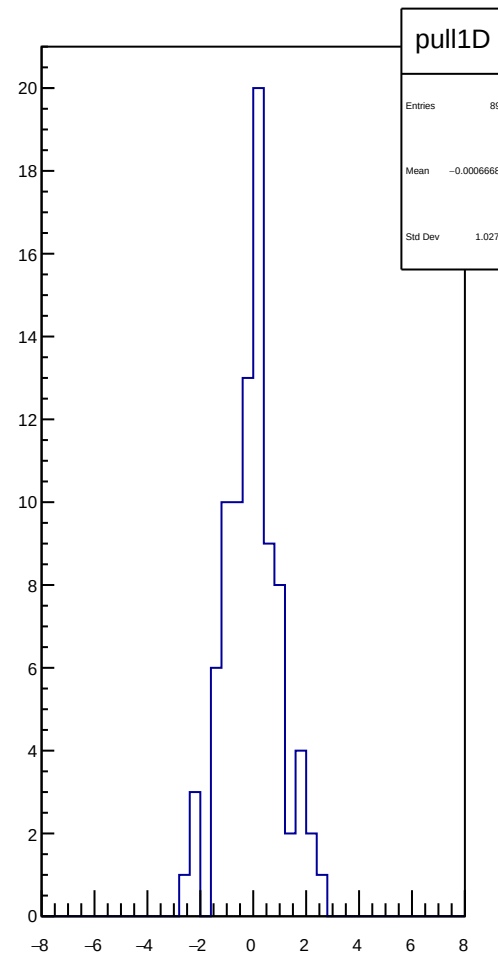
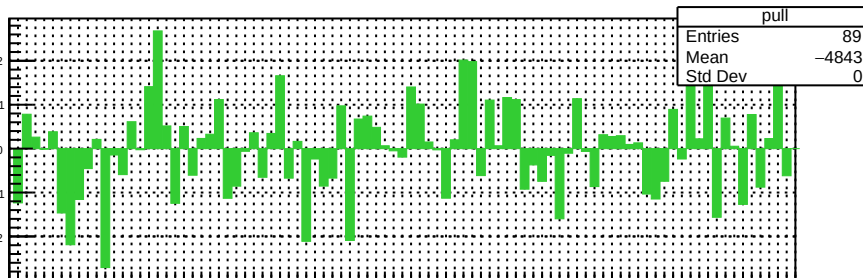
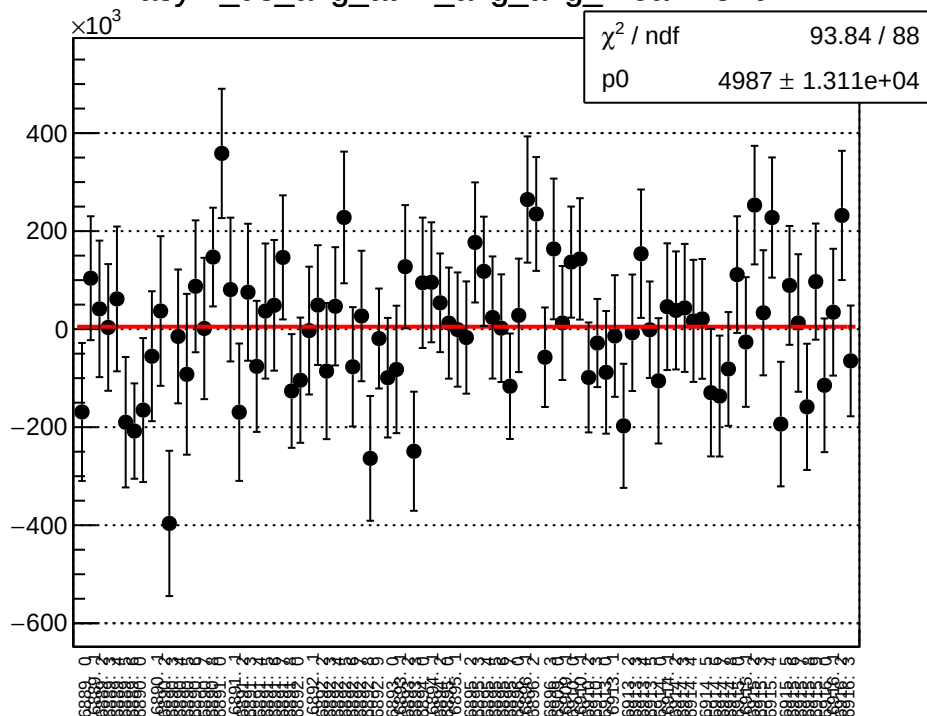


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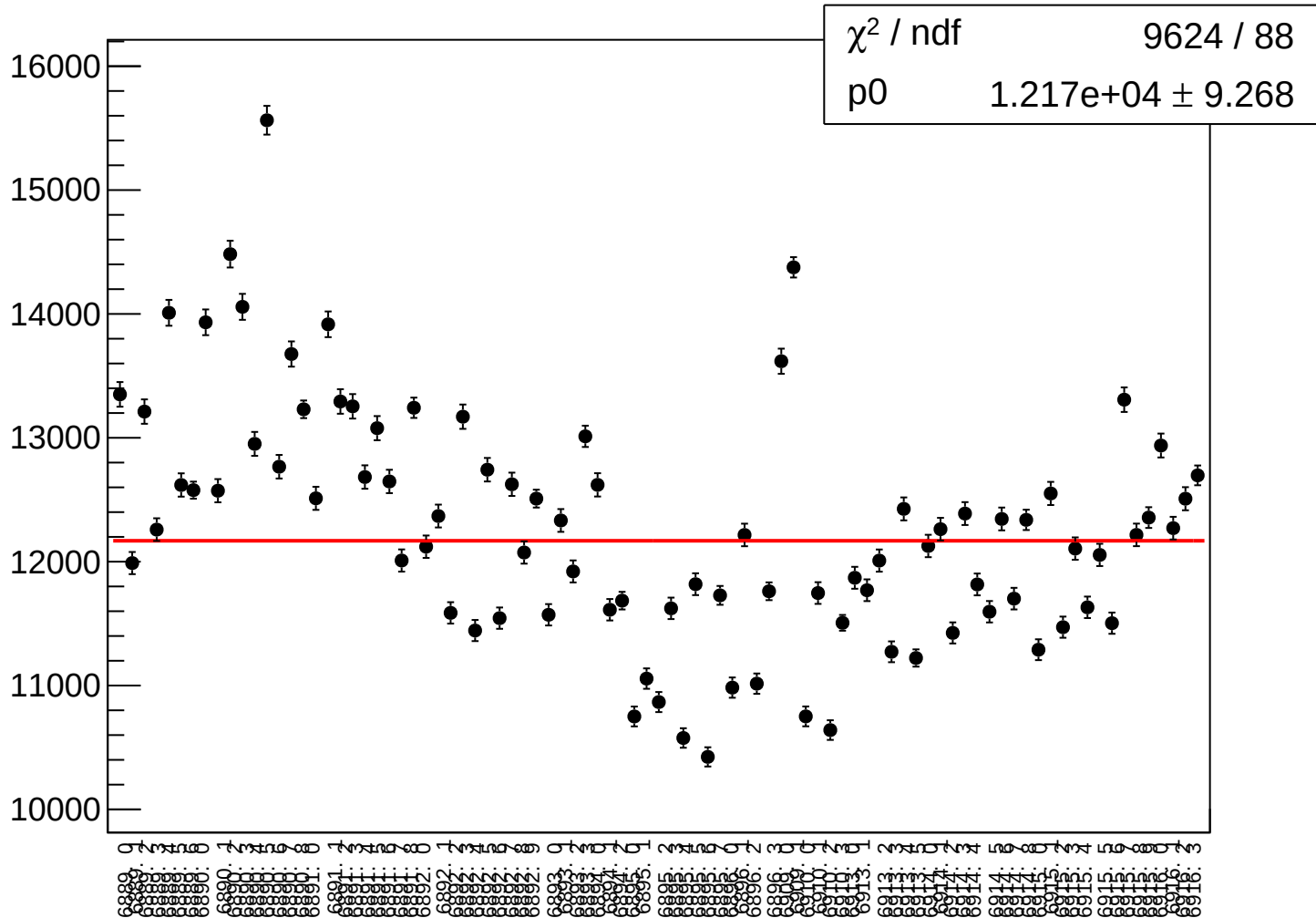
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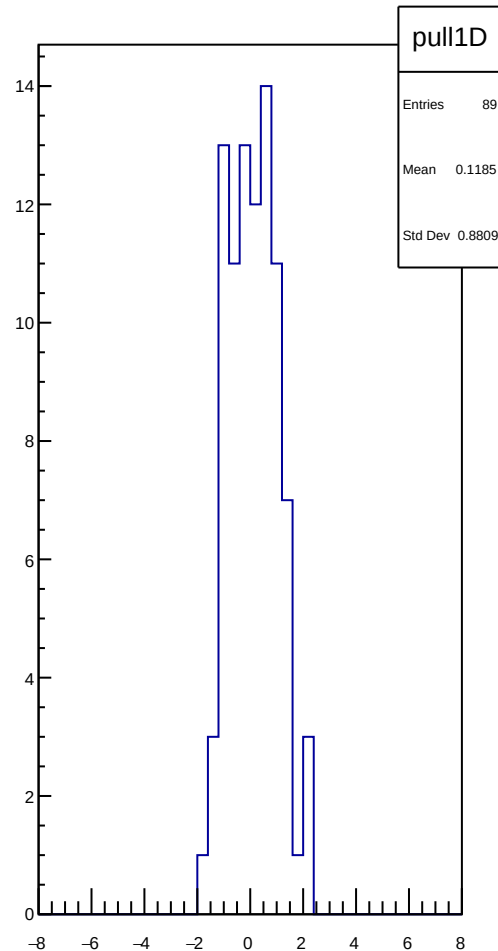
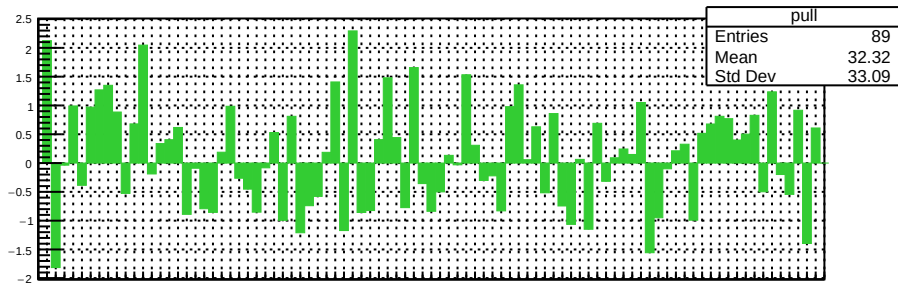
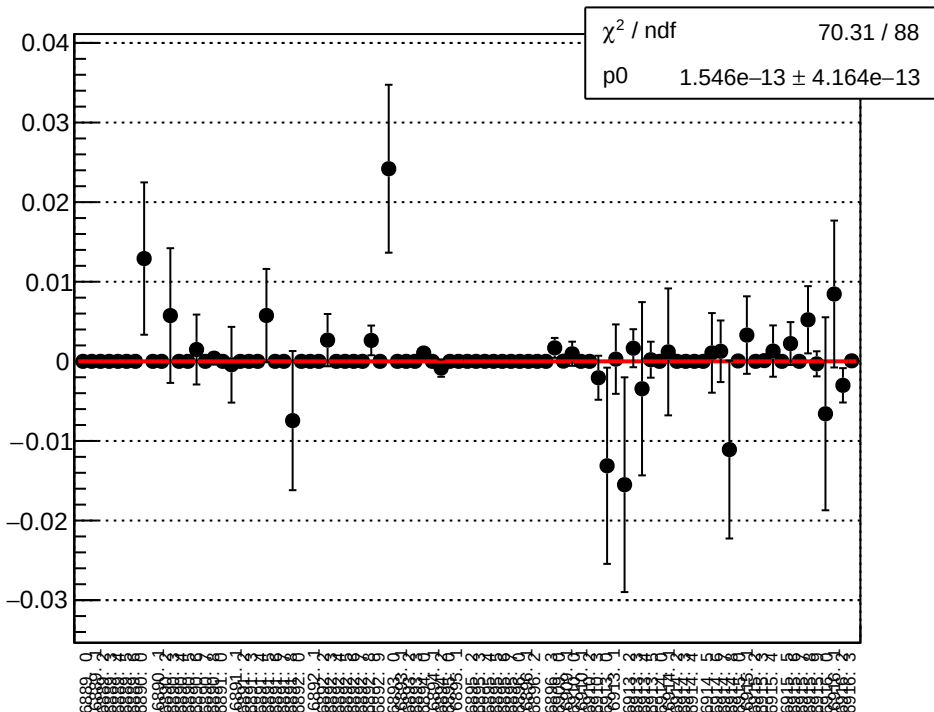
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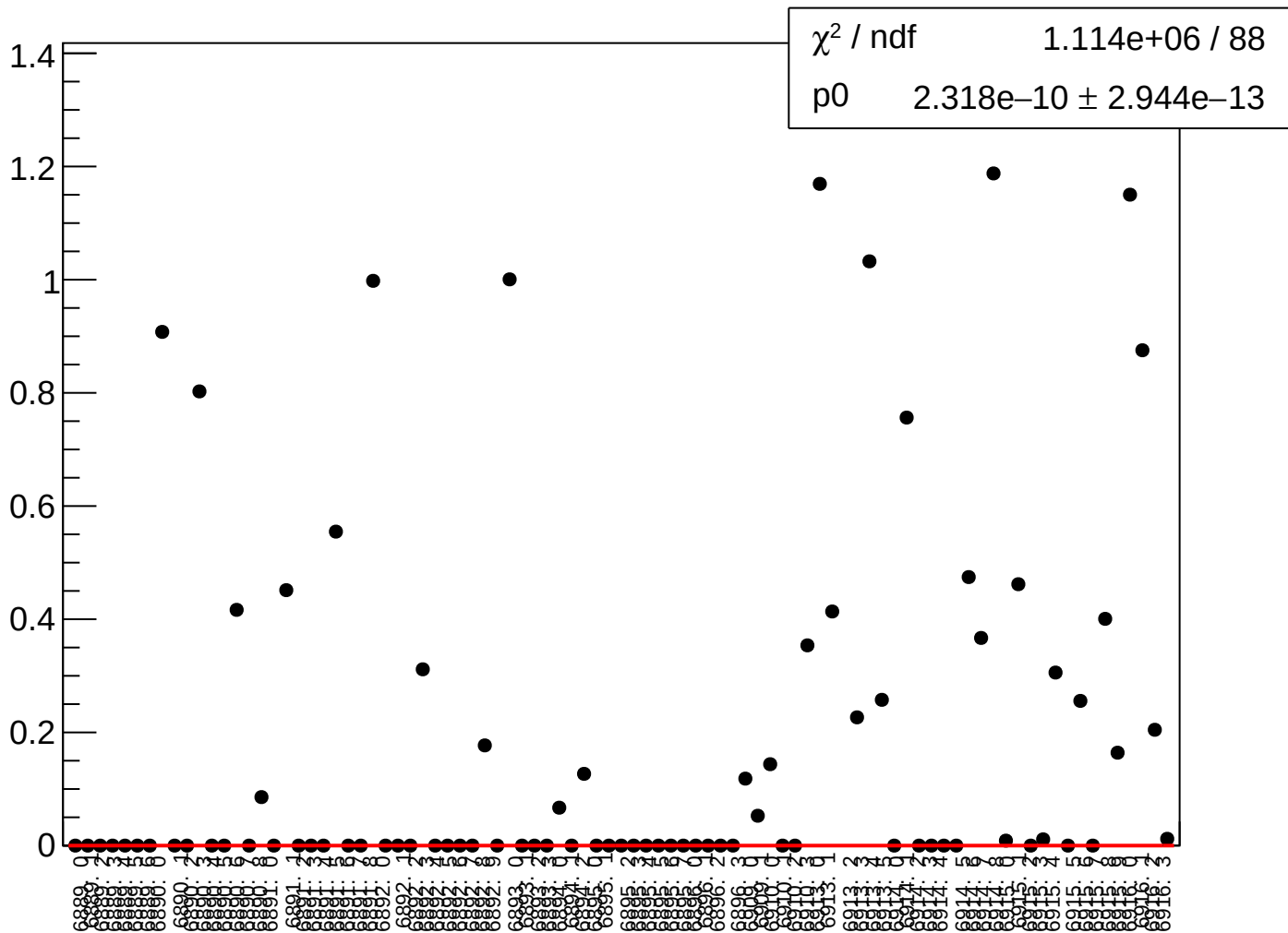
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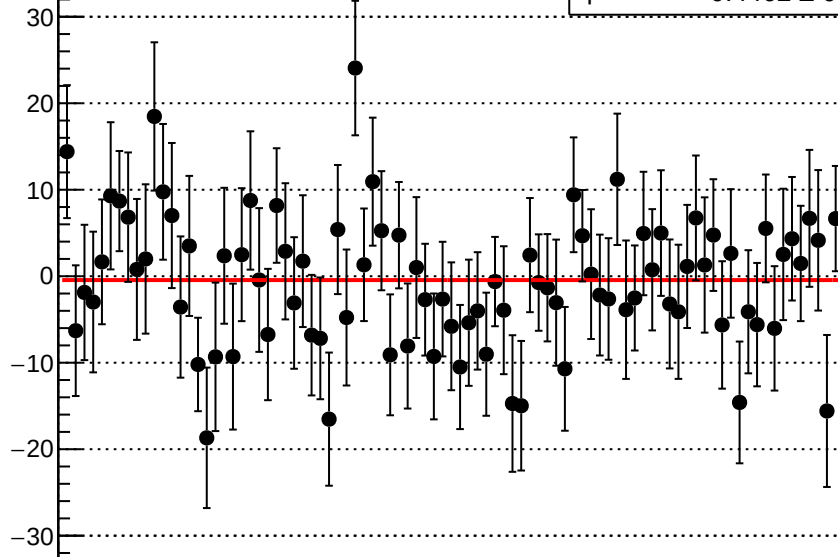
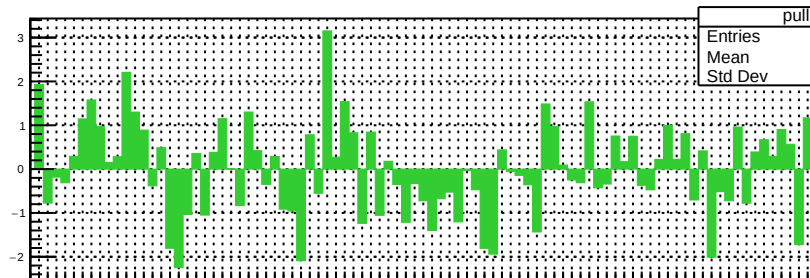
asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs run



asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs run



93.86 / 88

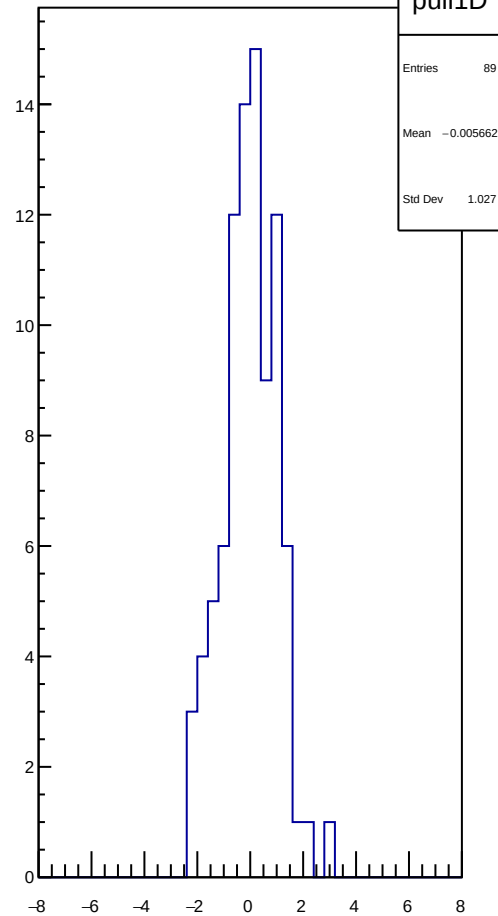
$$-0.4462 \pm 0.7609$$
[illegible]

pull

Entries

Mean

Std Dev



pull1D

Entries

89

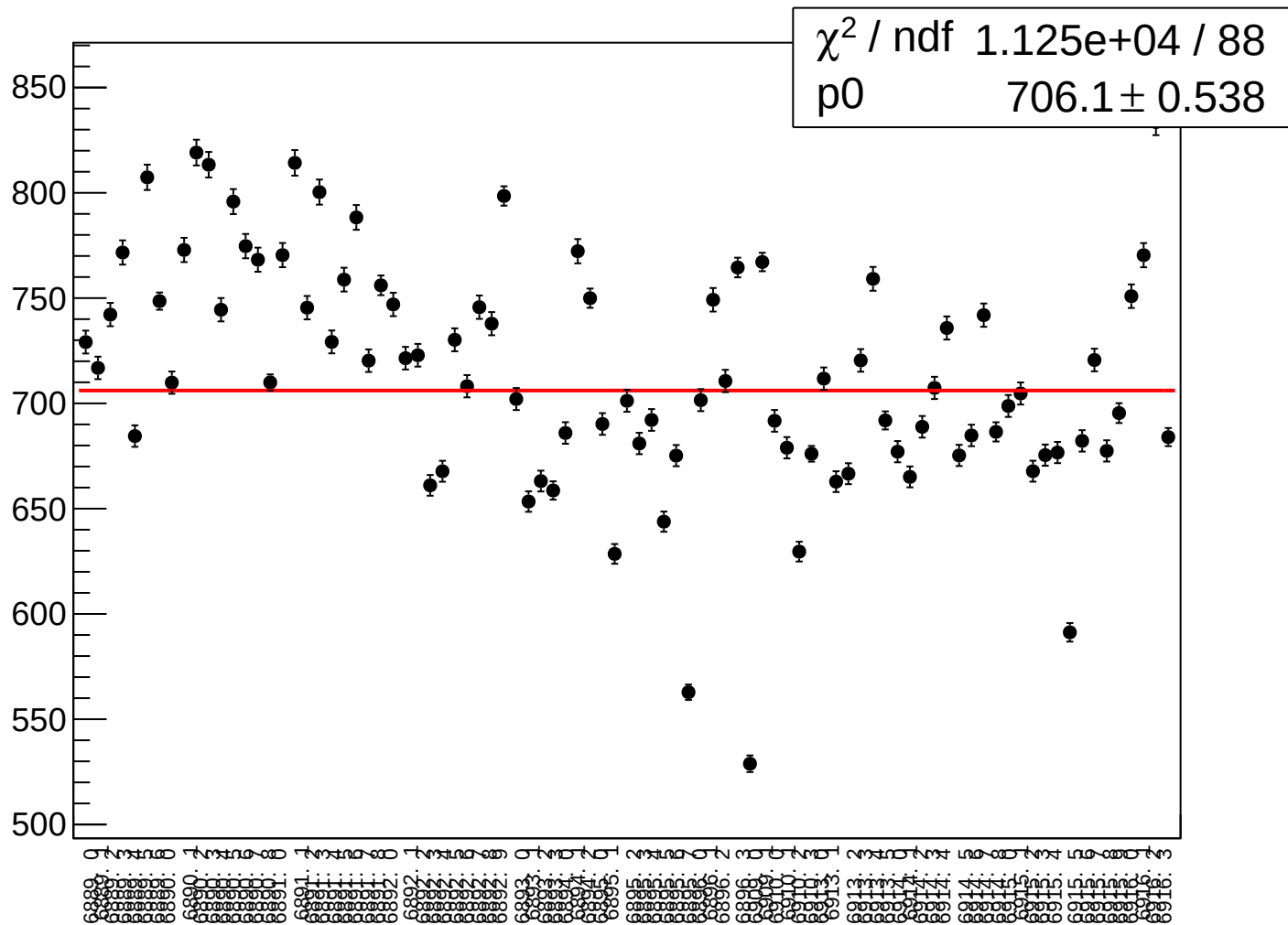
Mean -

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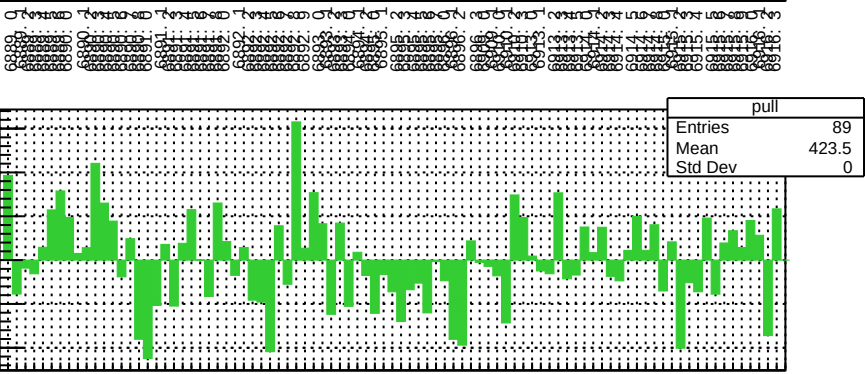
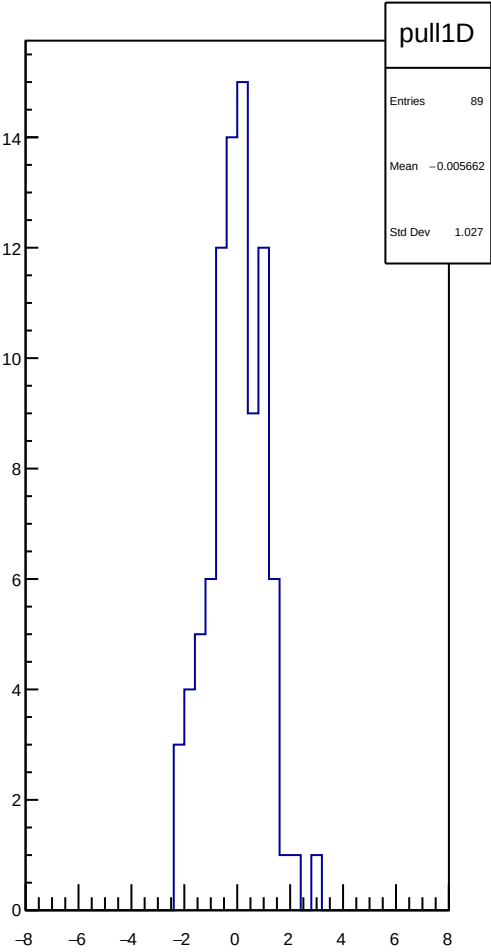
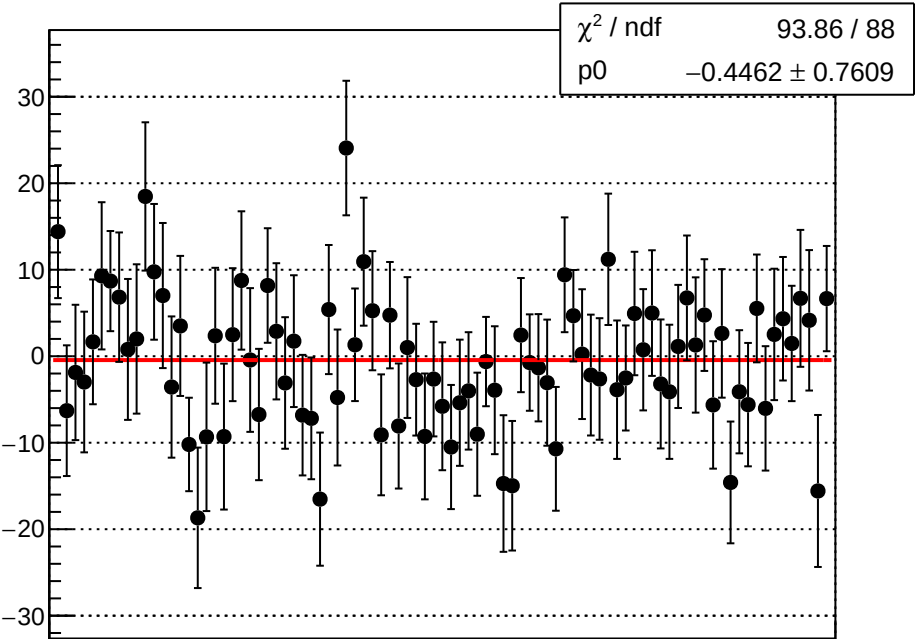
Std Dev

1.027

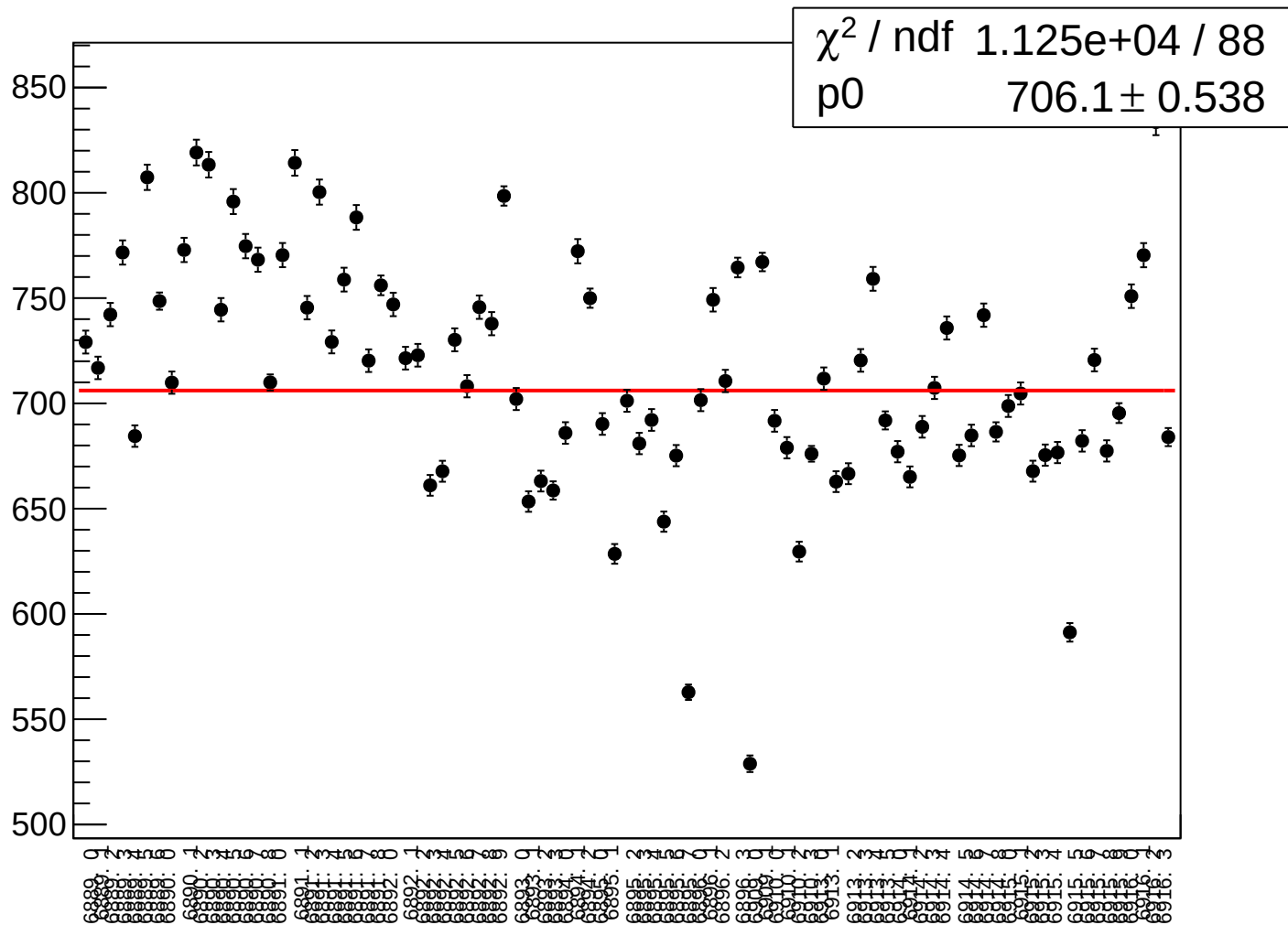
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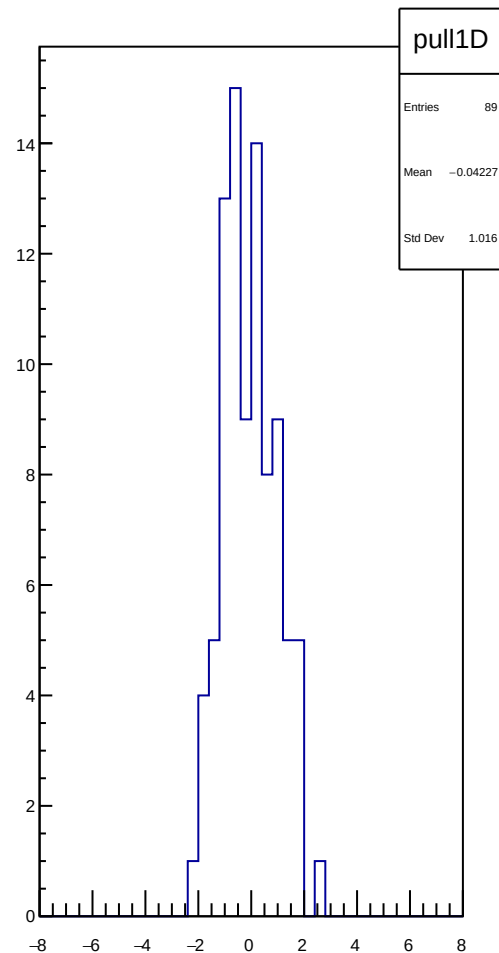
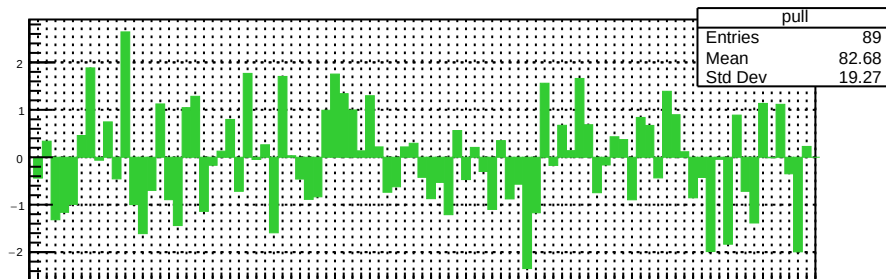
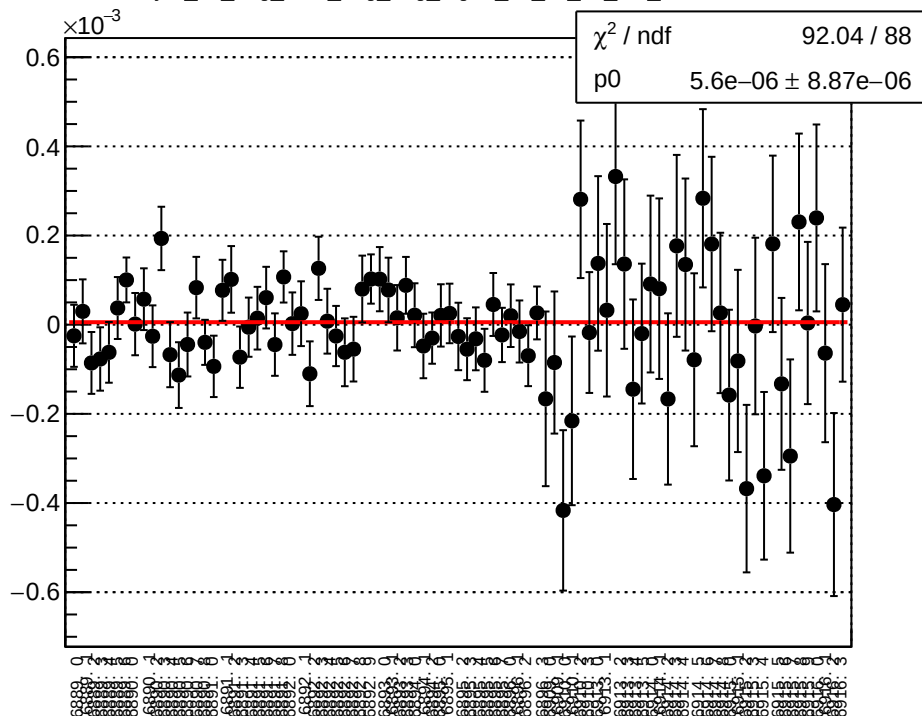
asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs run



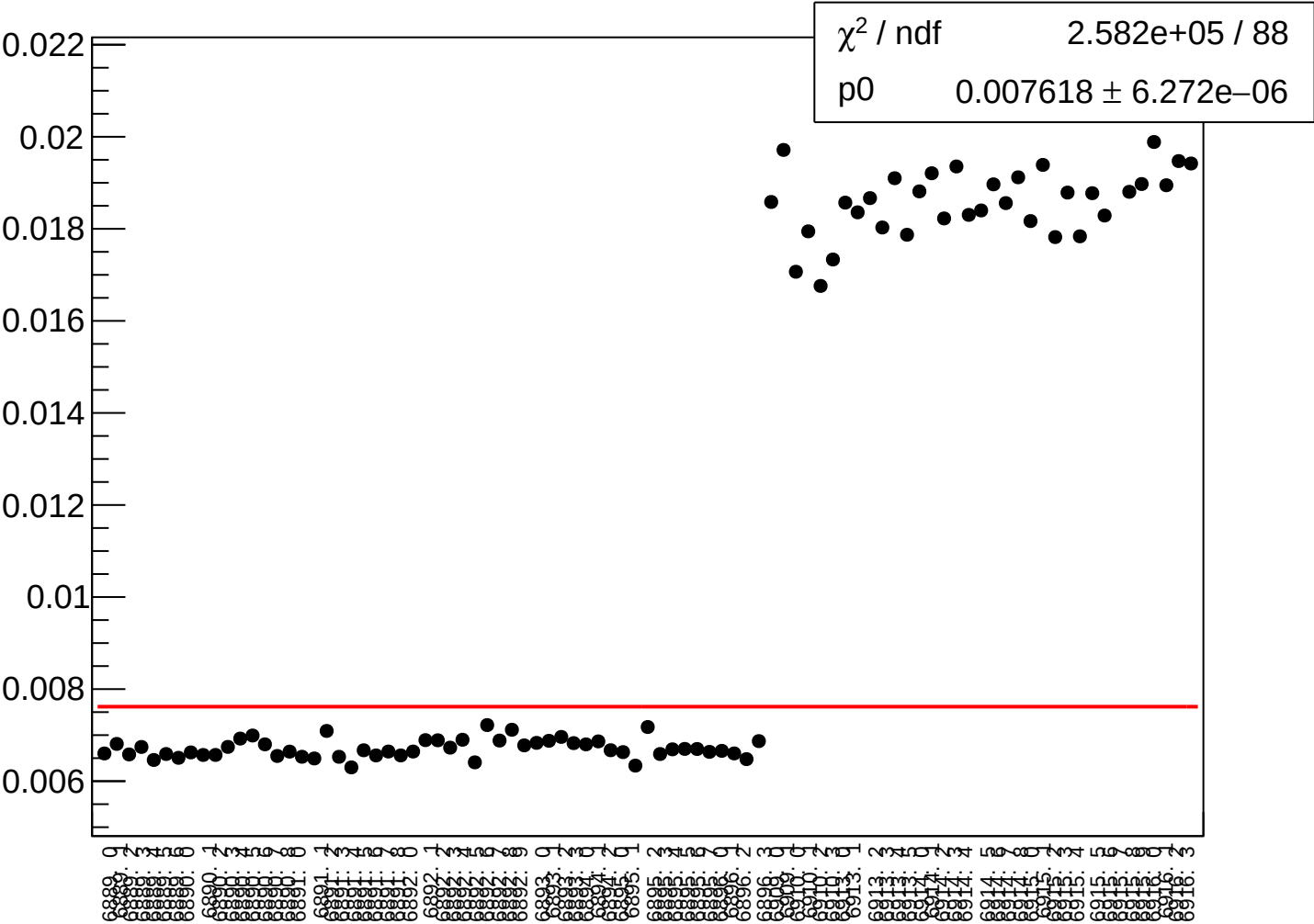
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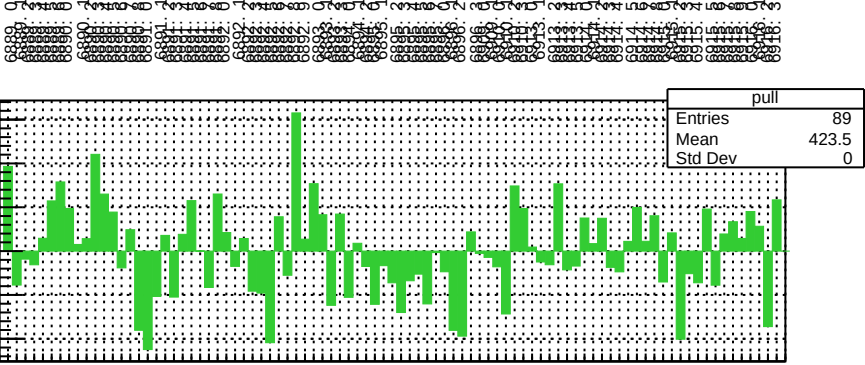
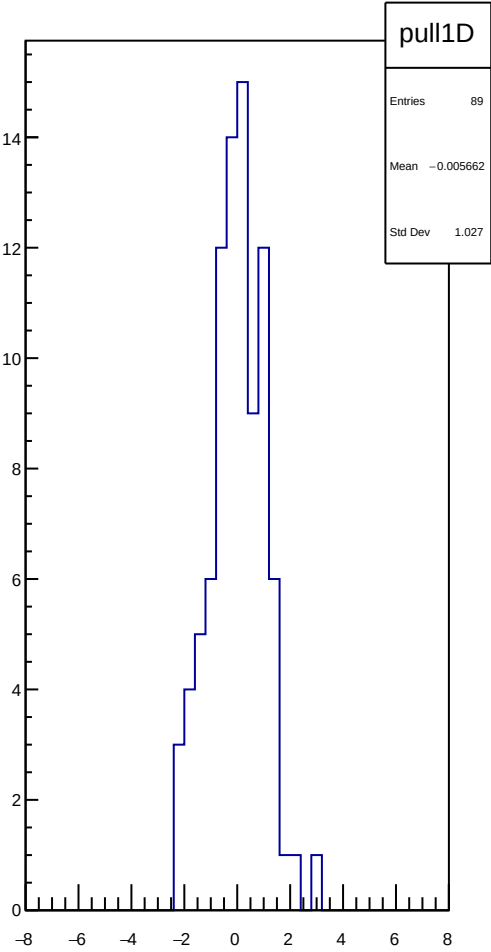
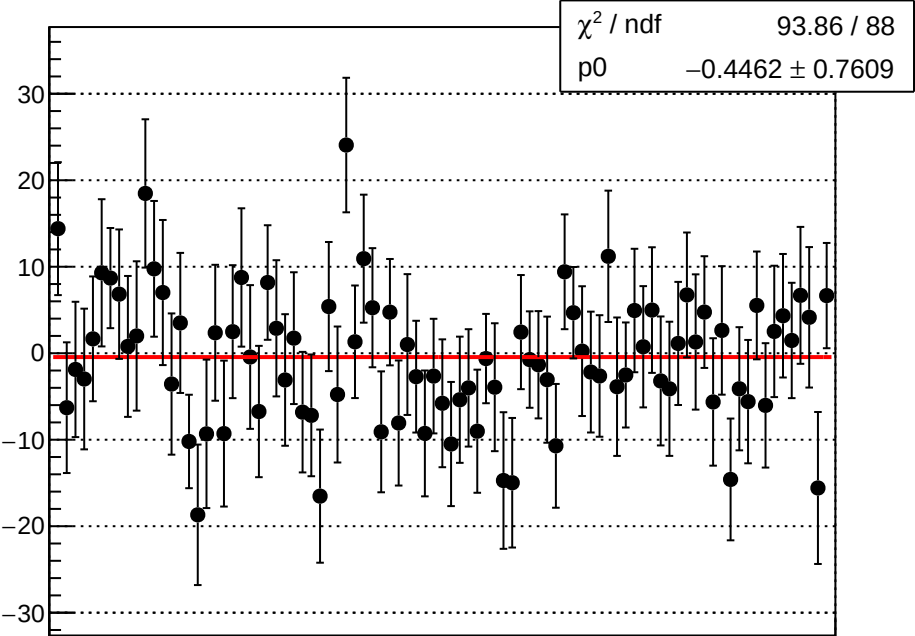
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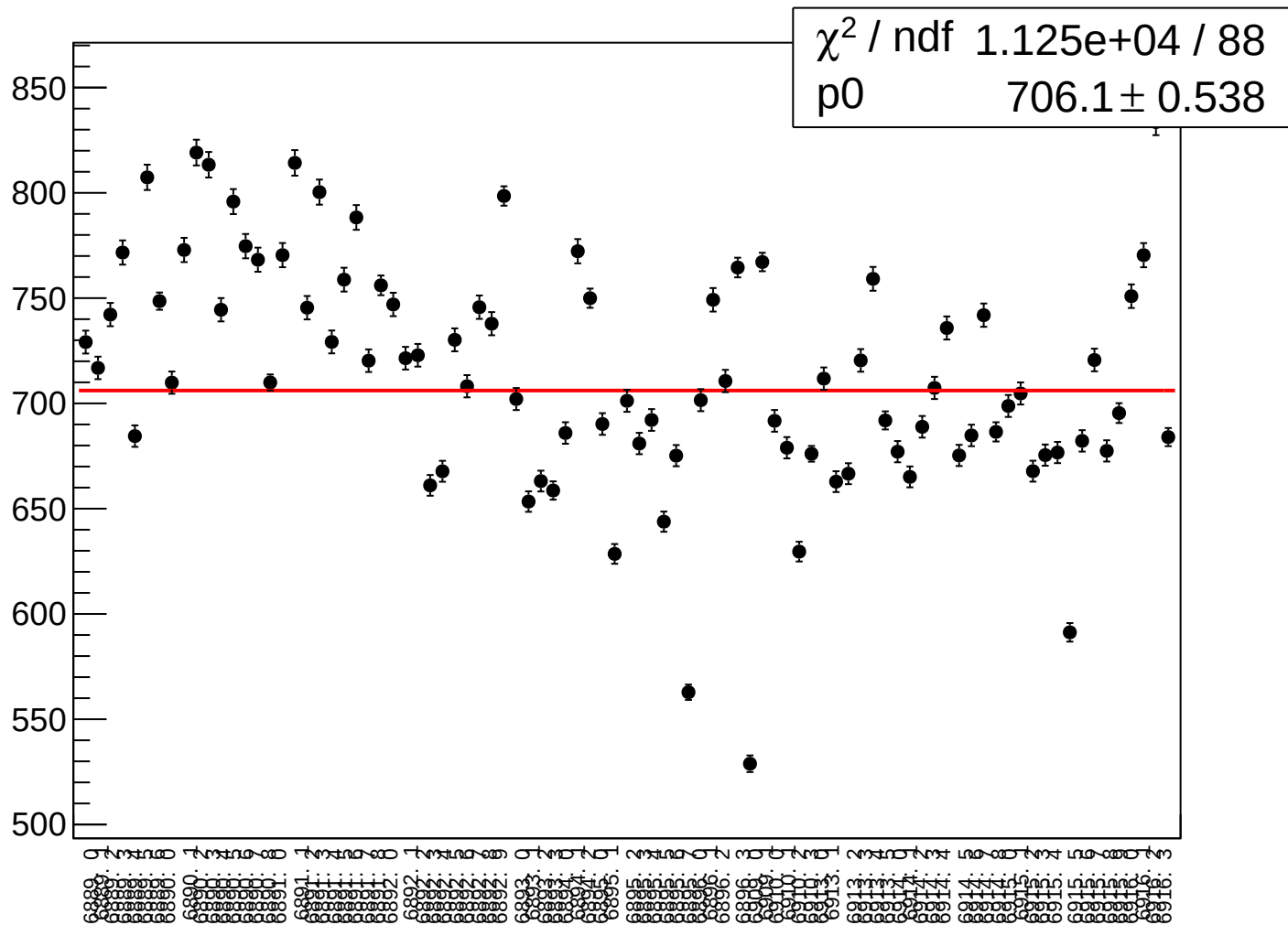
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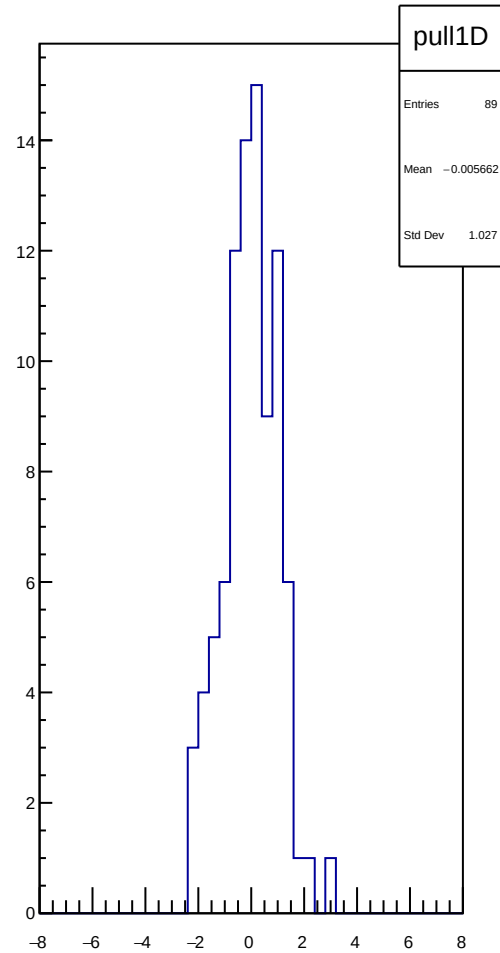
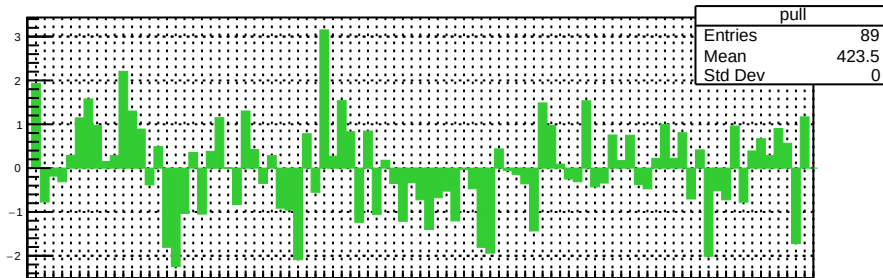
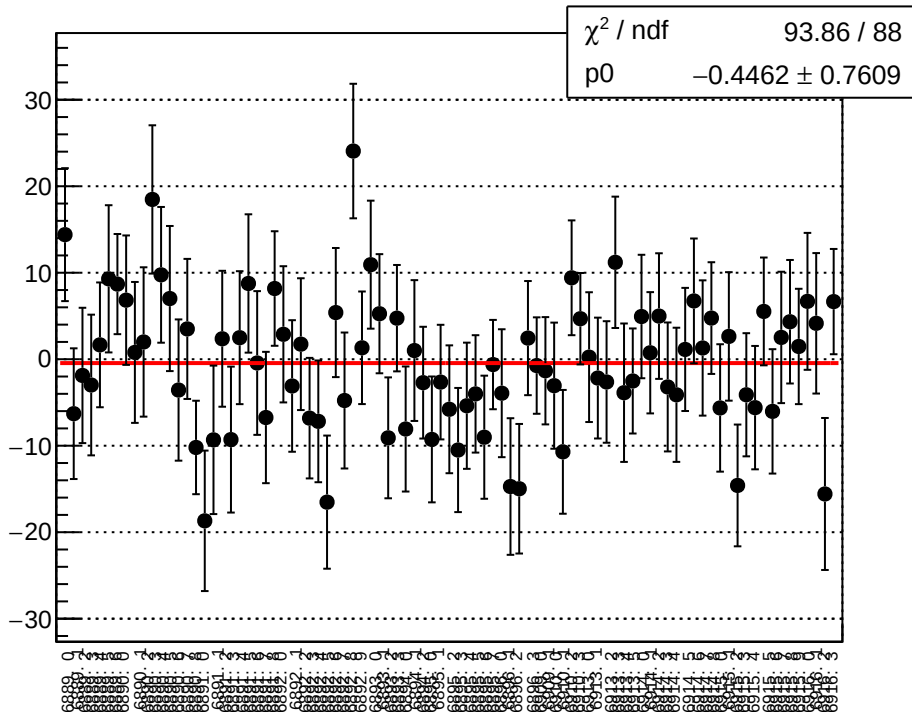
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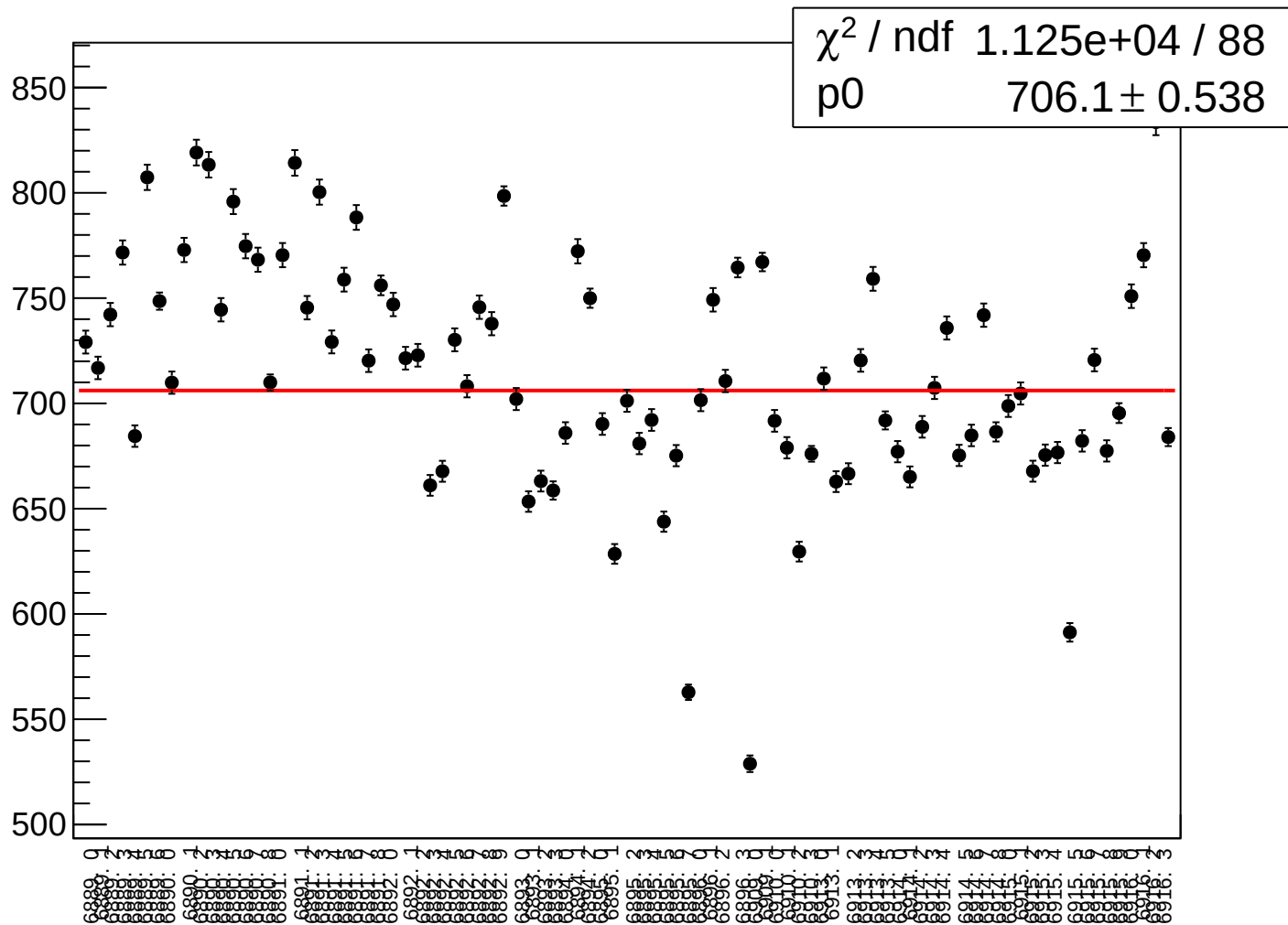
asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs run



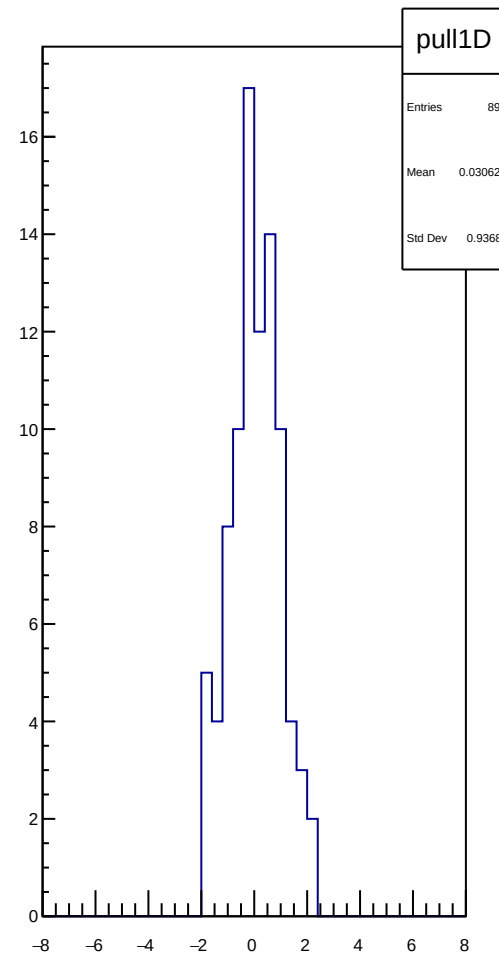
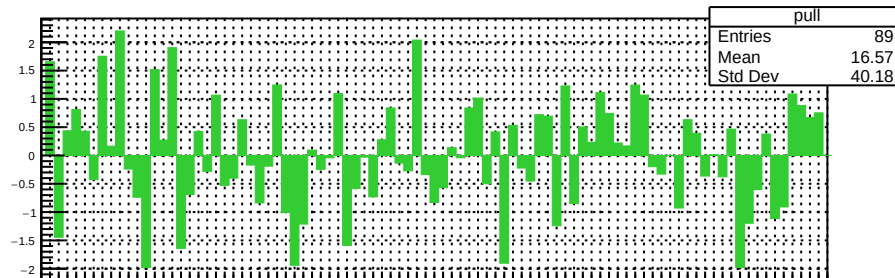
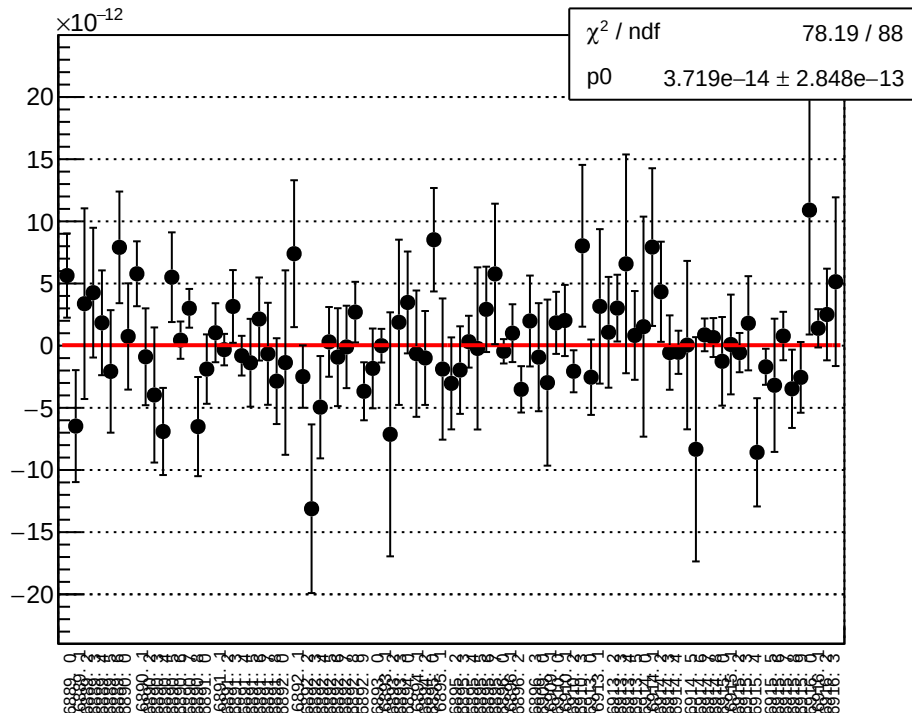
asym us avg at2lr avg avg eigen dit vs eigen cor diff mean vs run



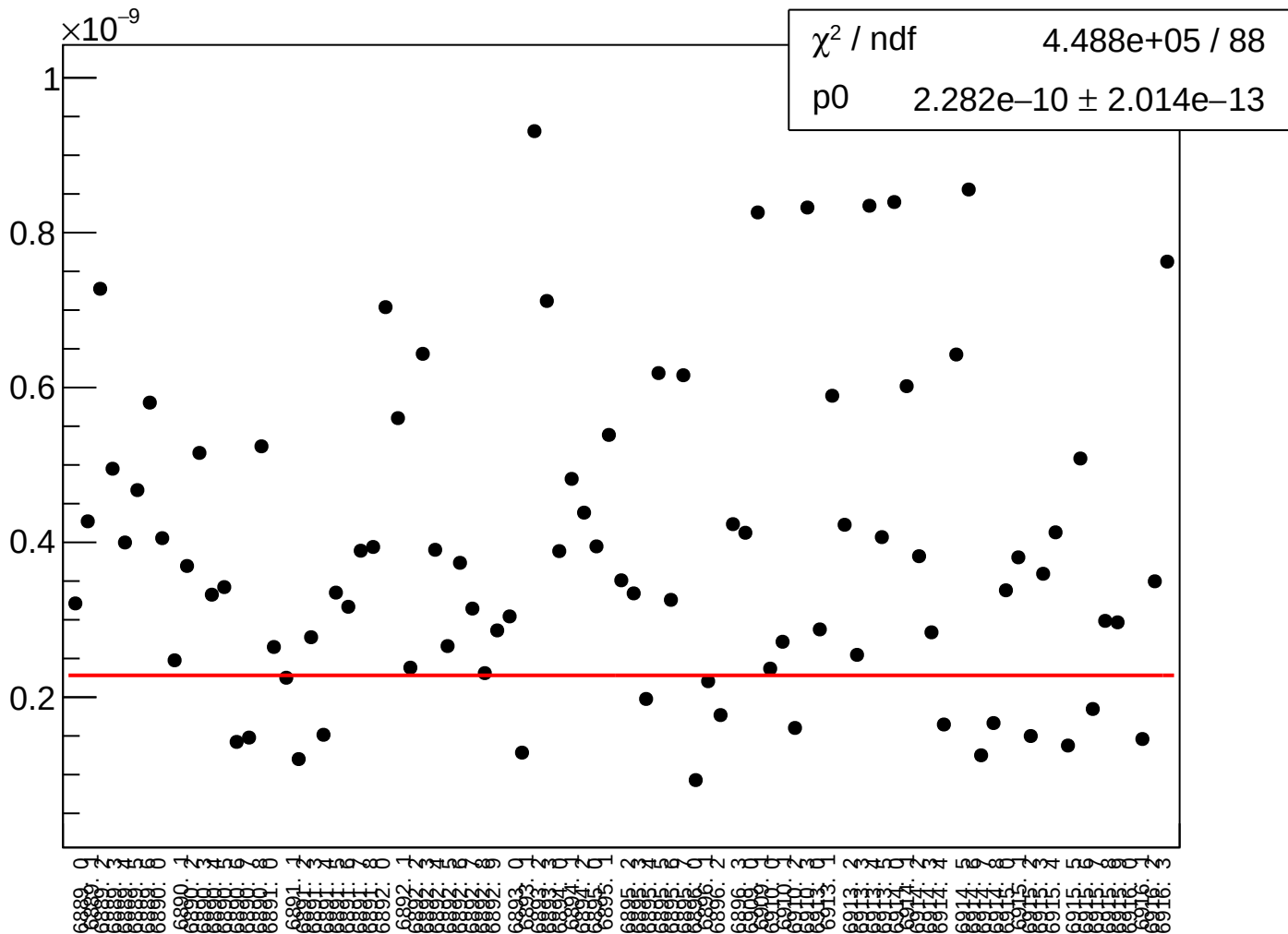
asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



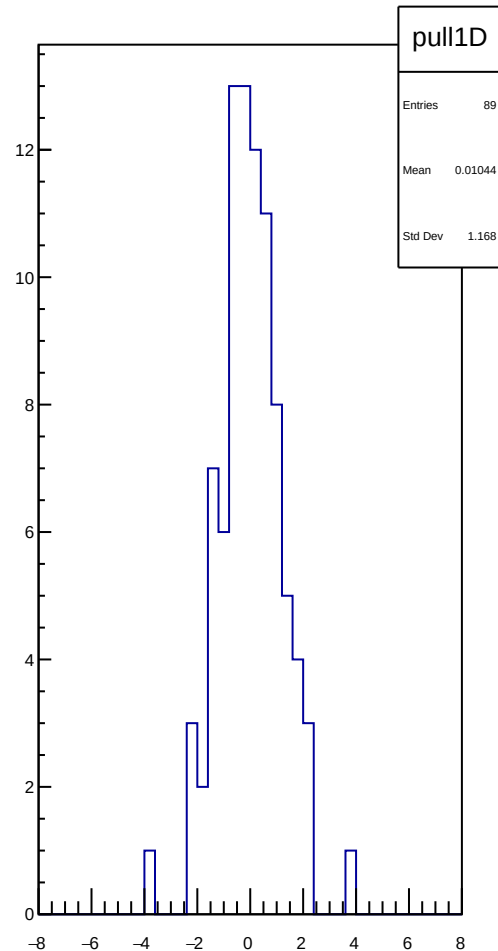
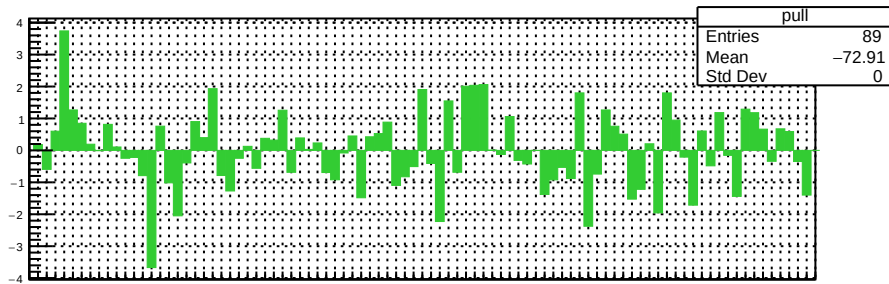
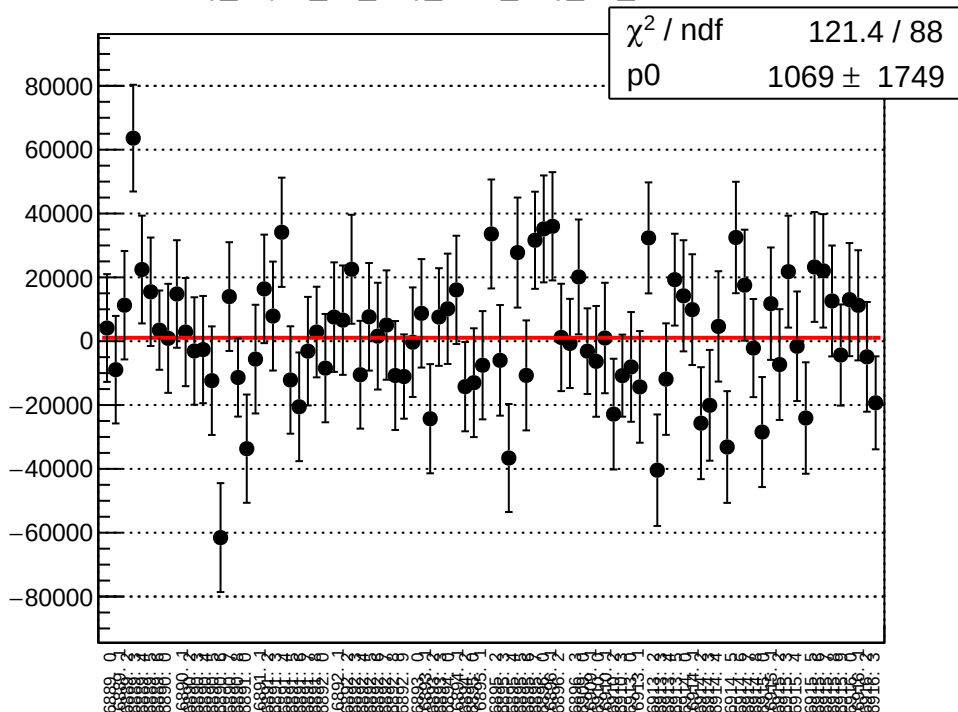
asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_mean vs run



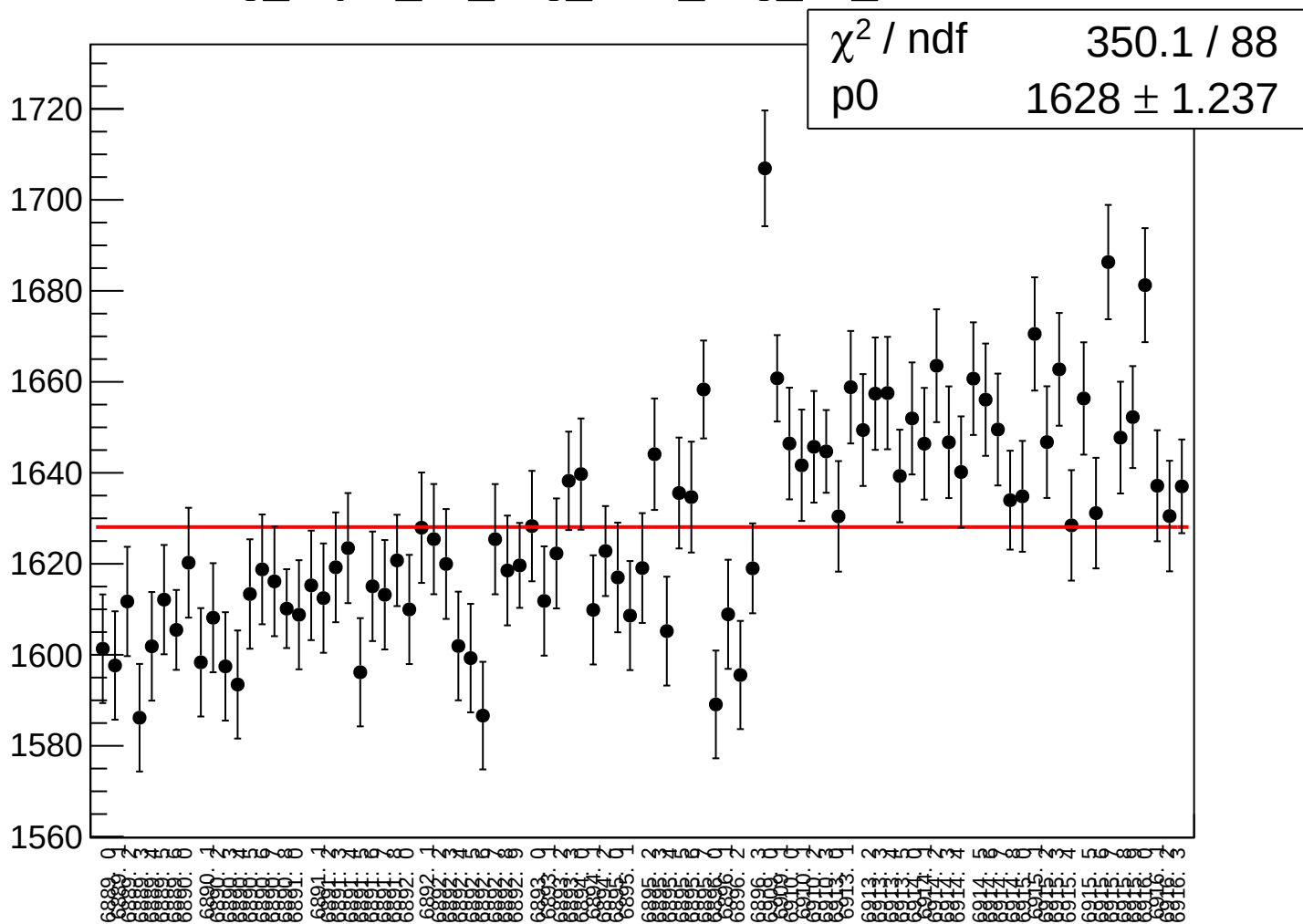
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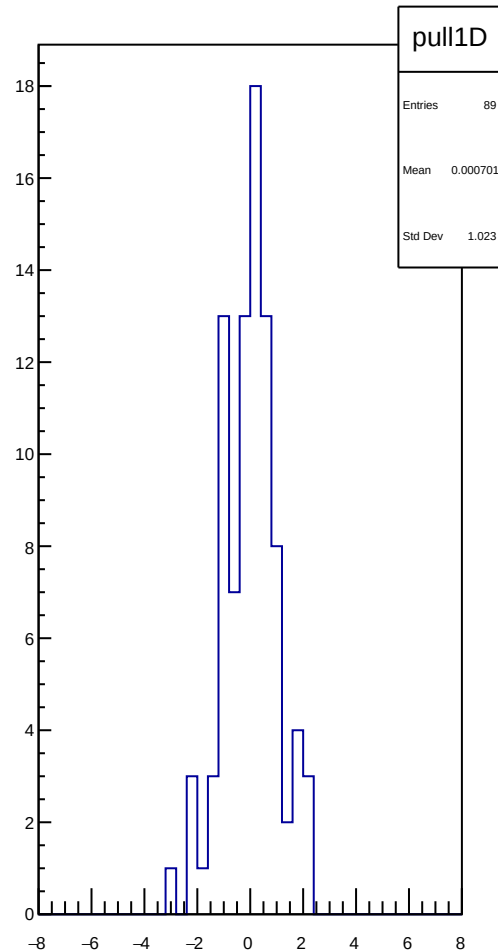
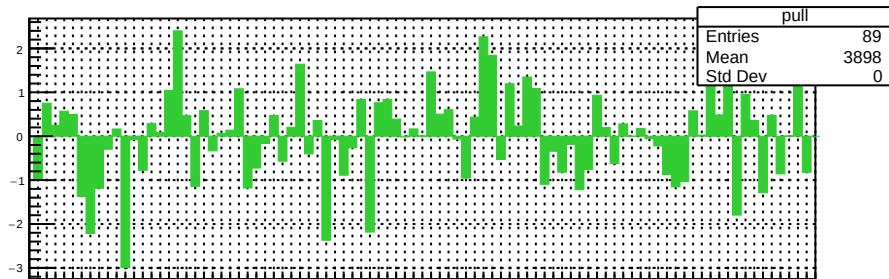
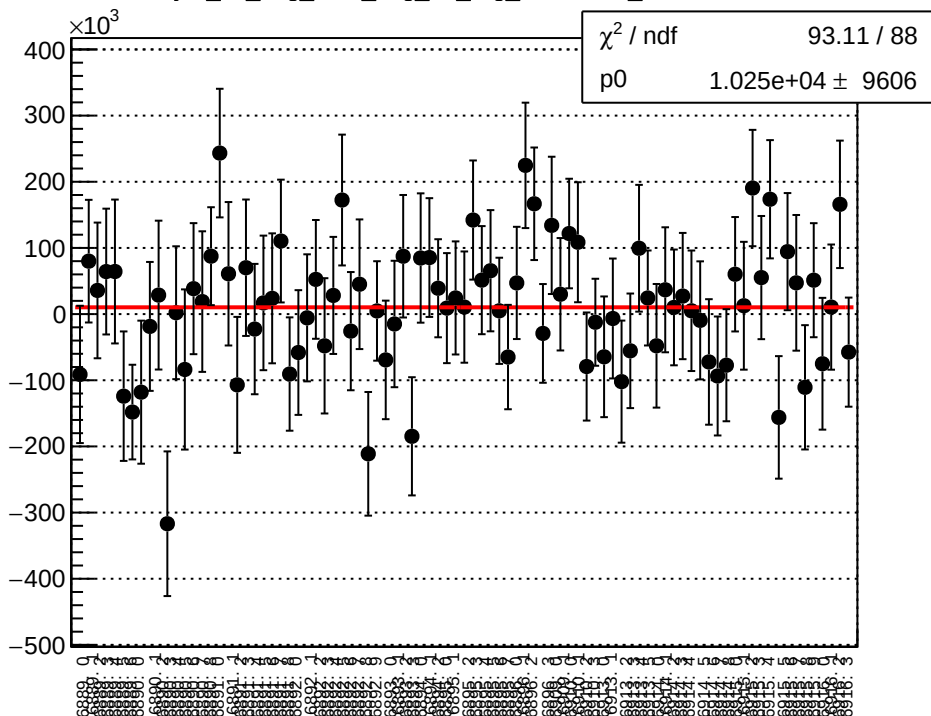
reg_asym_us_avg_at2lr_avg_dd_mean vs run



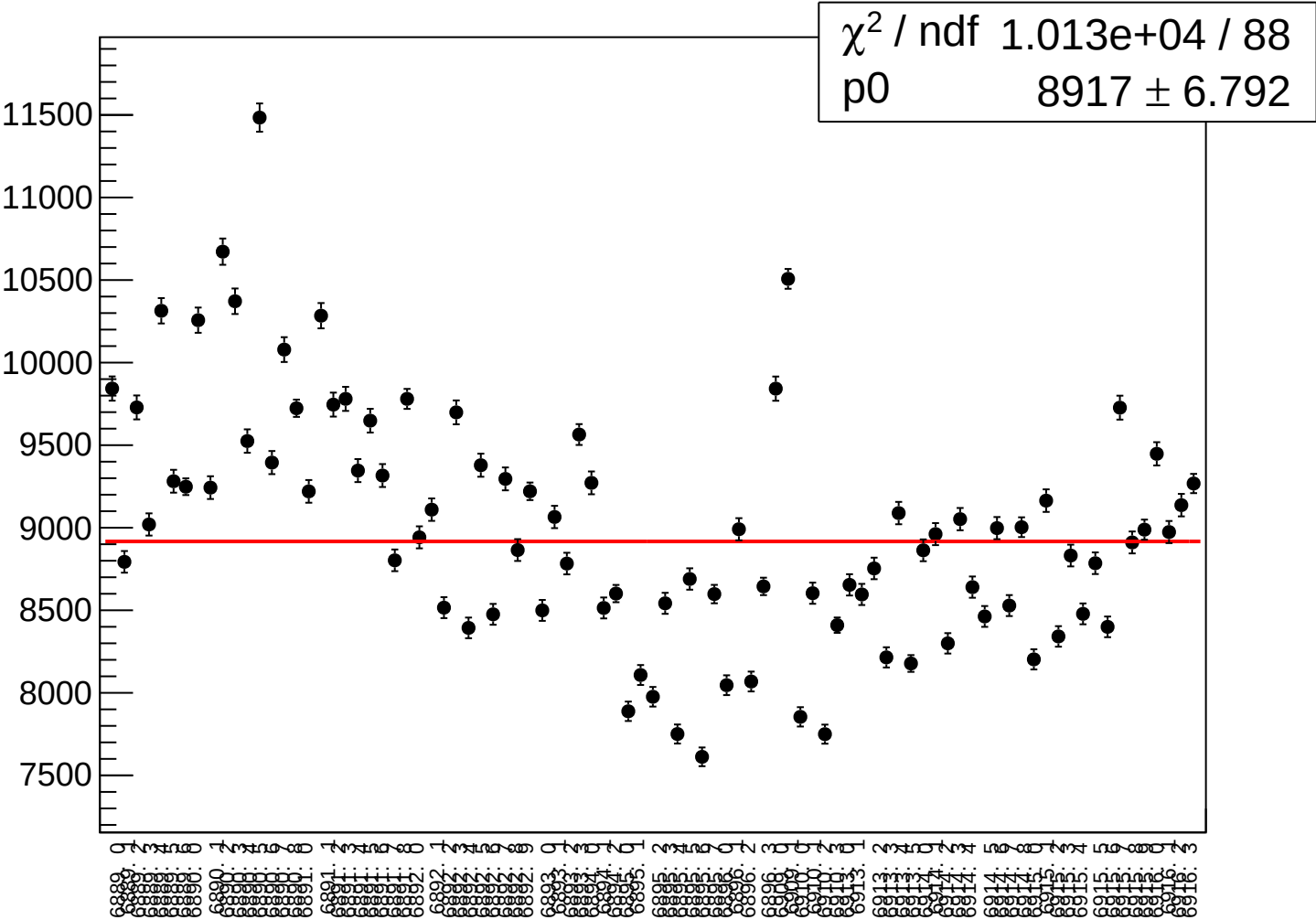
reg_asym_us_avg_at2lr_avg_dd_rms vs run



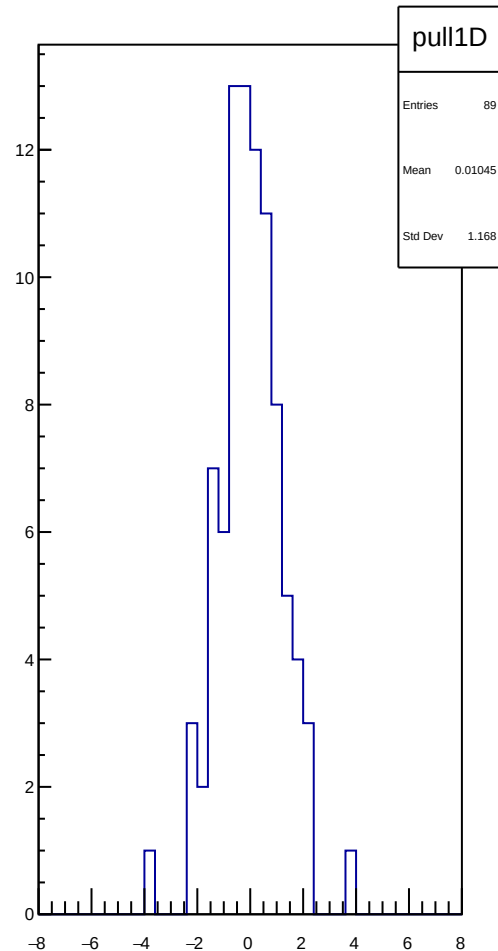
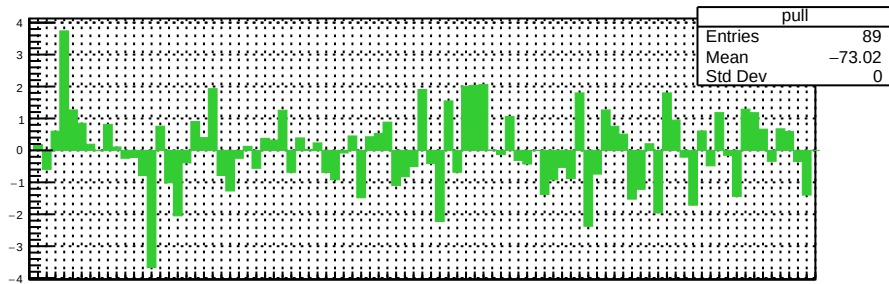
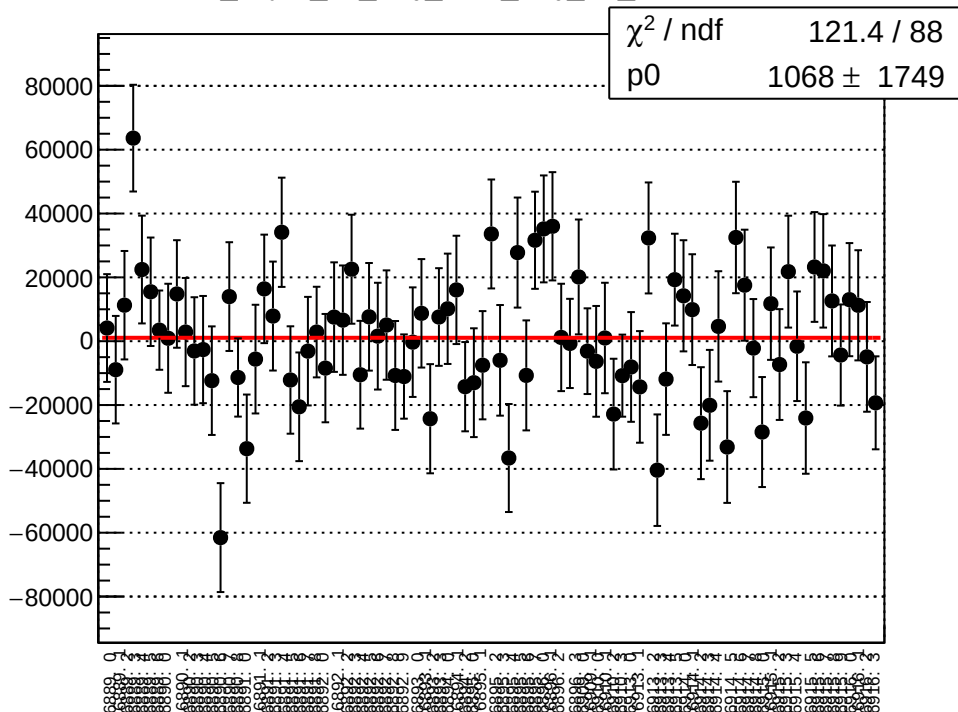
asym_us_avg_at2lr_avg_dd_reg_correction_mean vs run



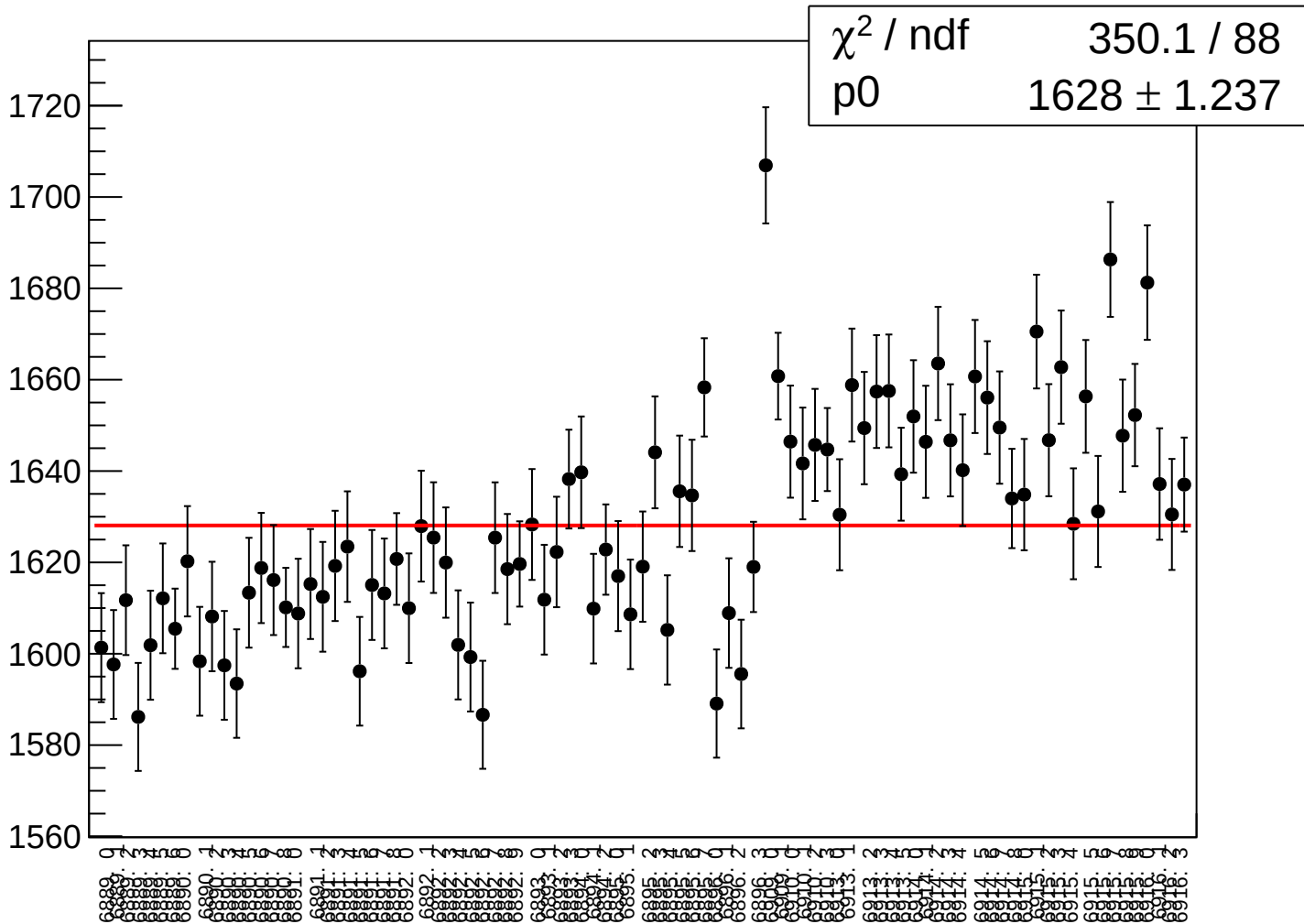
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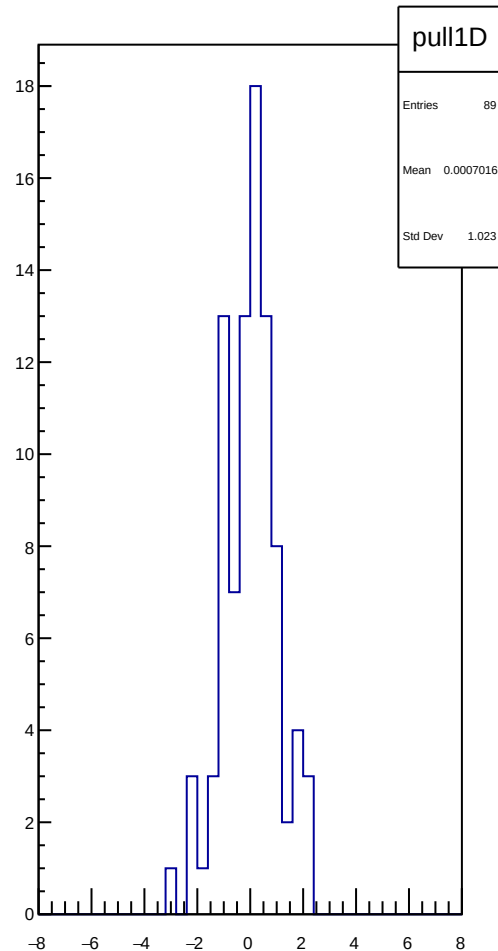
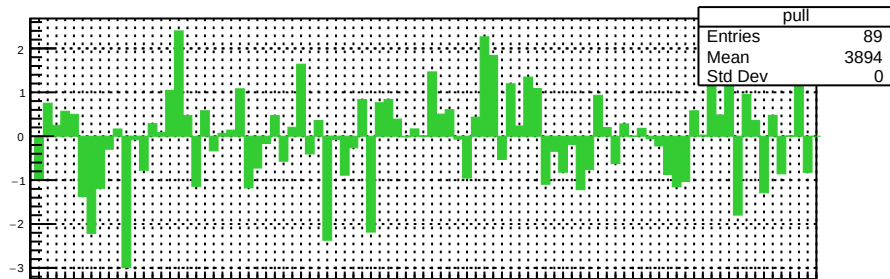
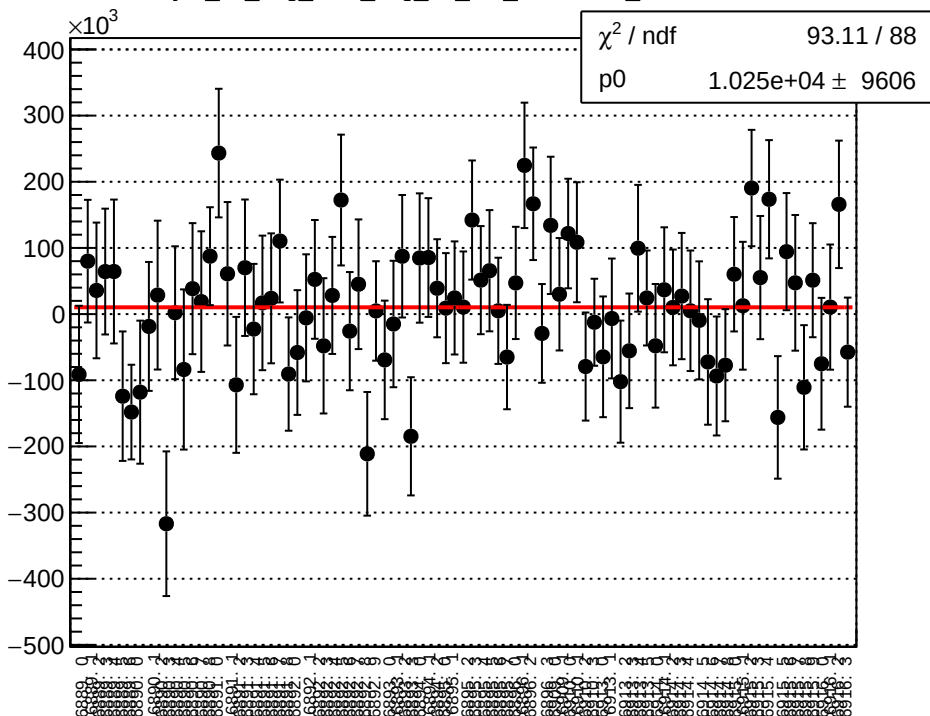
cor_asym_us_avg_at2lr_avg_dd_mean vs run



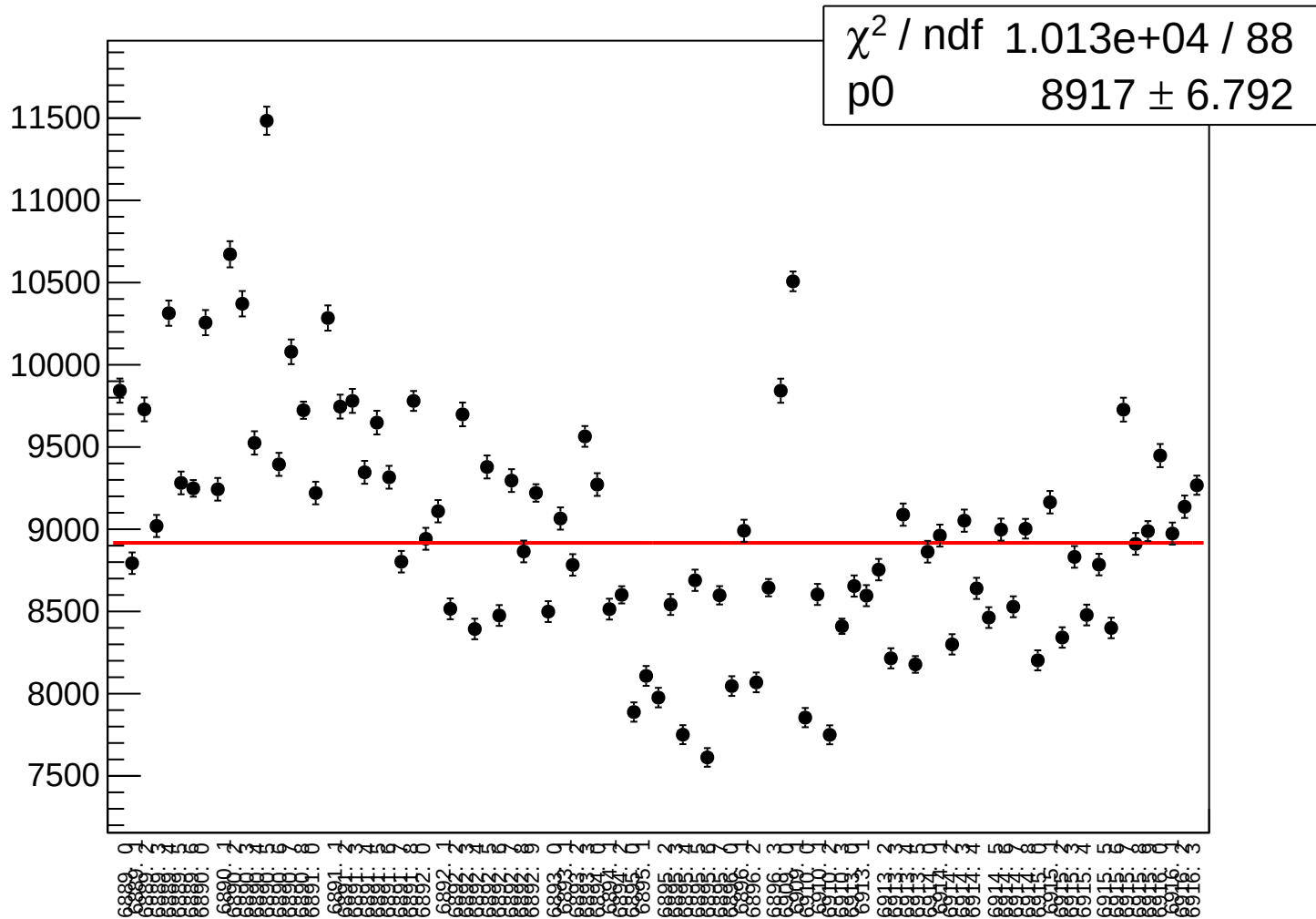
cor_asym_us_avg_at2lr_avg_dd_rms vs run



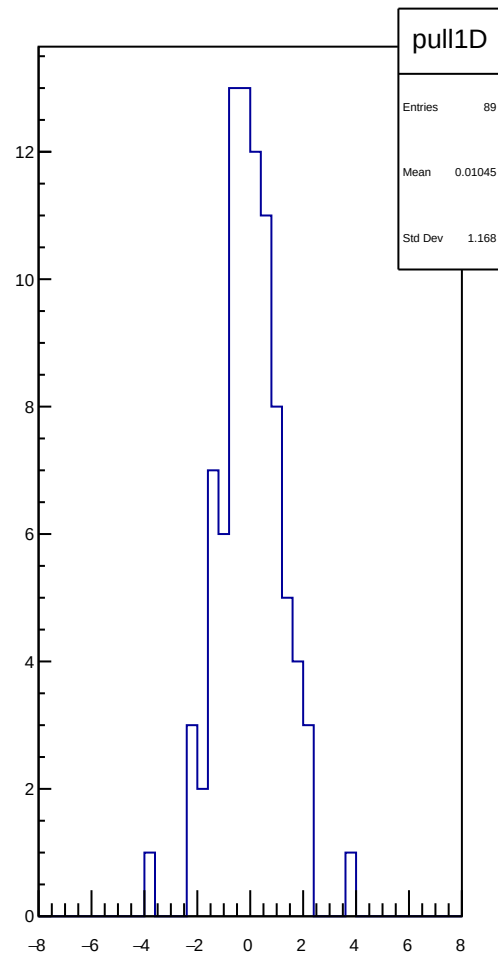
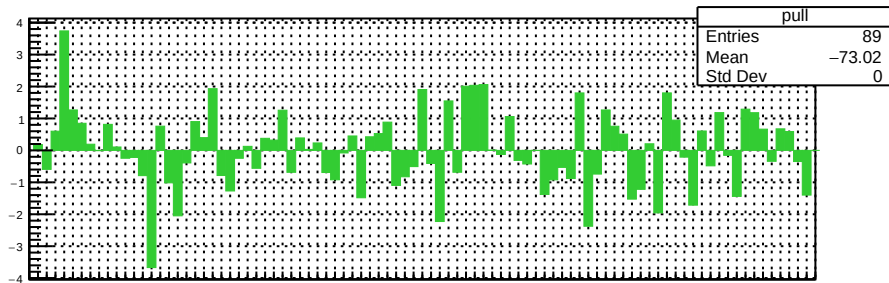
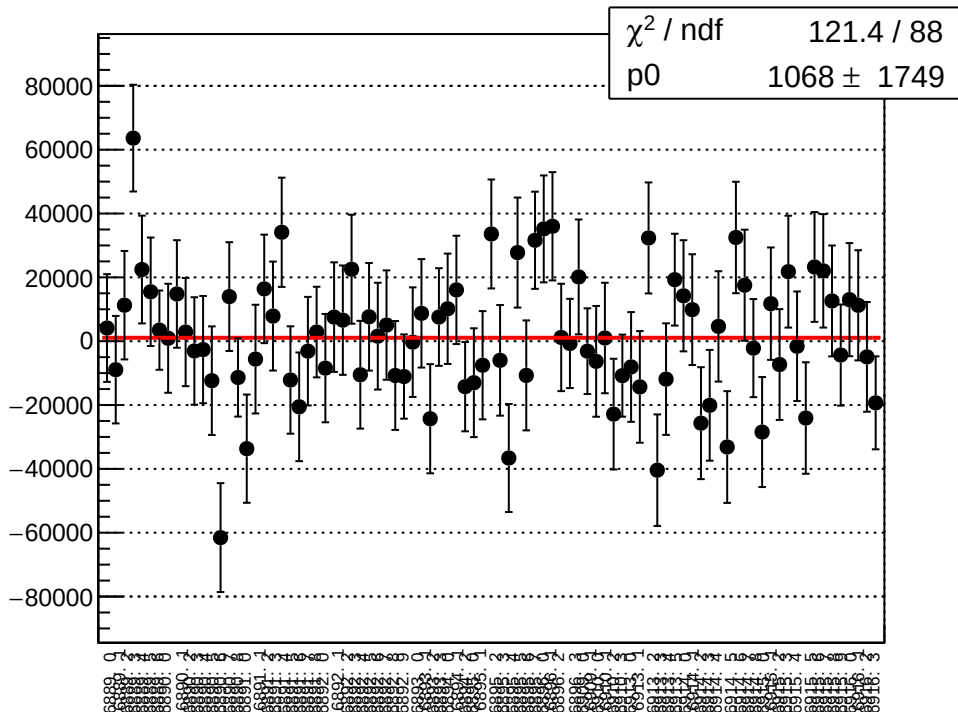
asym_us_avg_at2lr_avg_dd_cor_correction_mean vs run



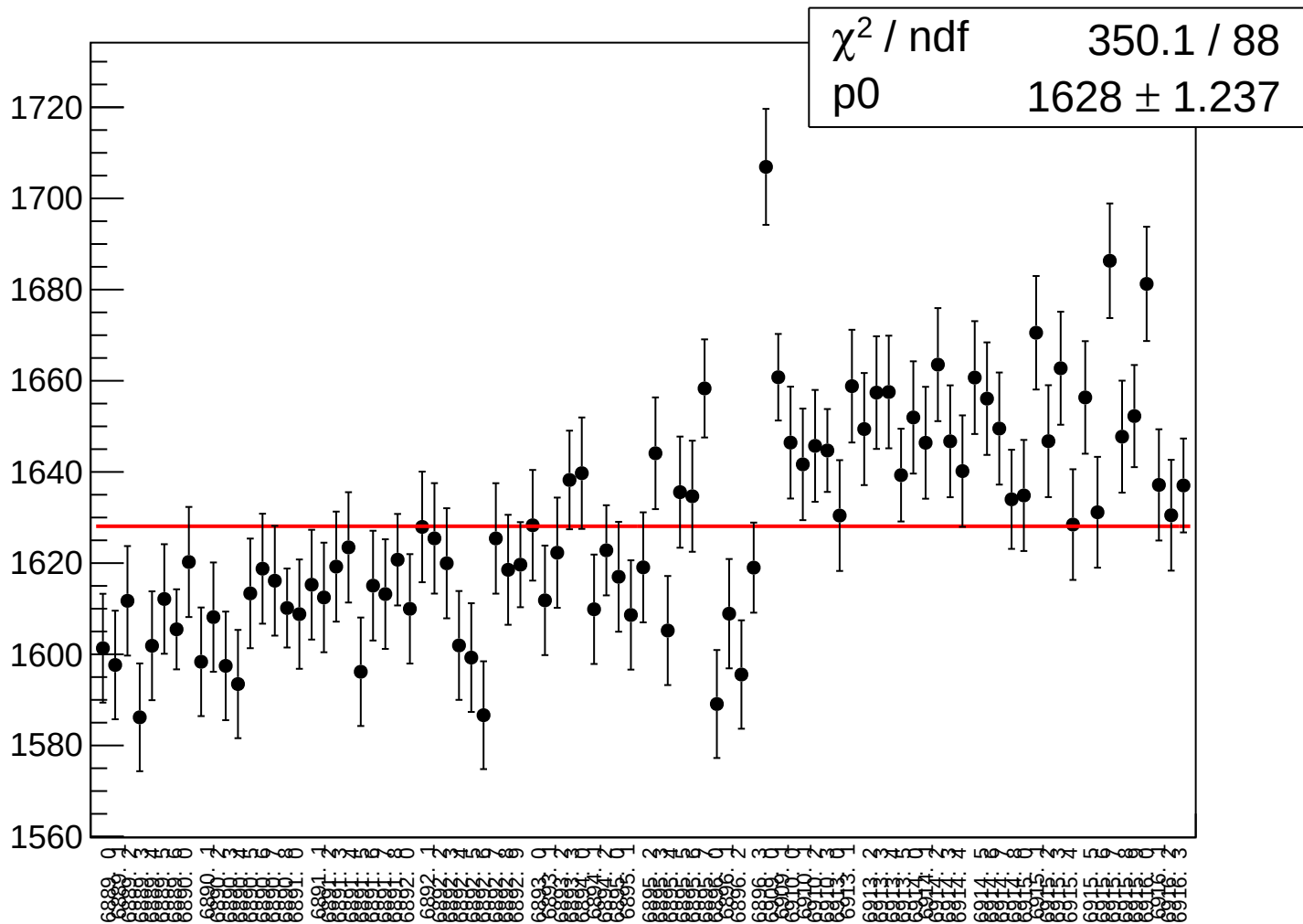
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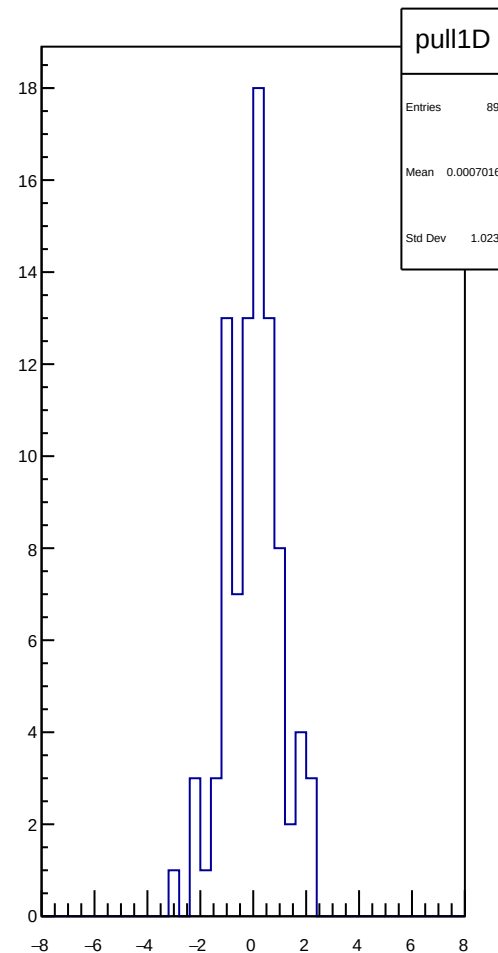
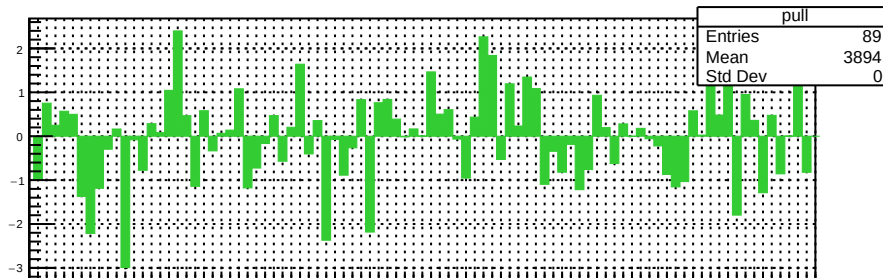
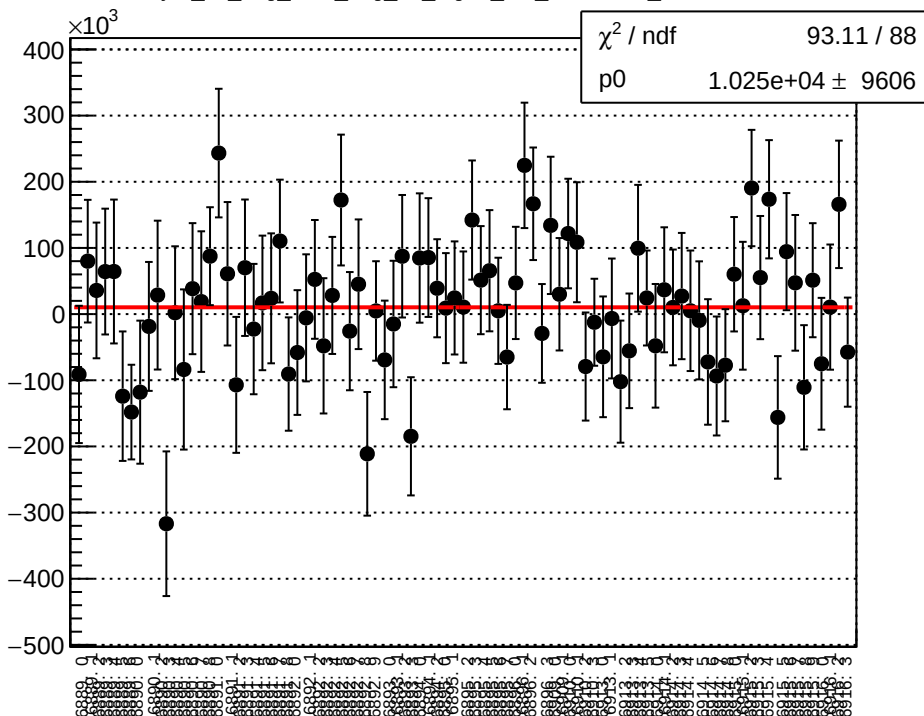
eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs run



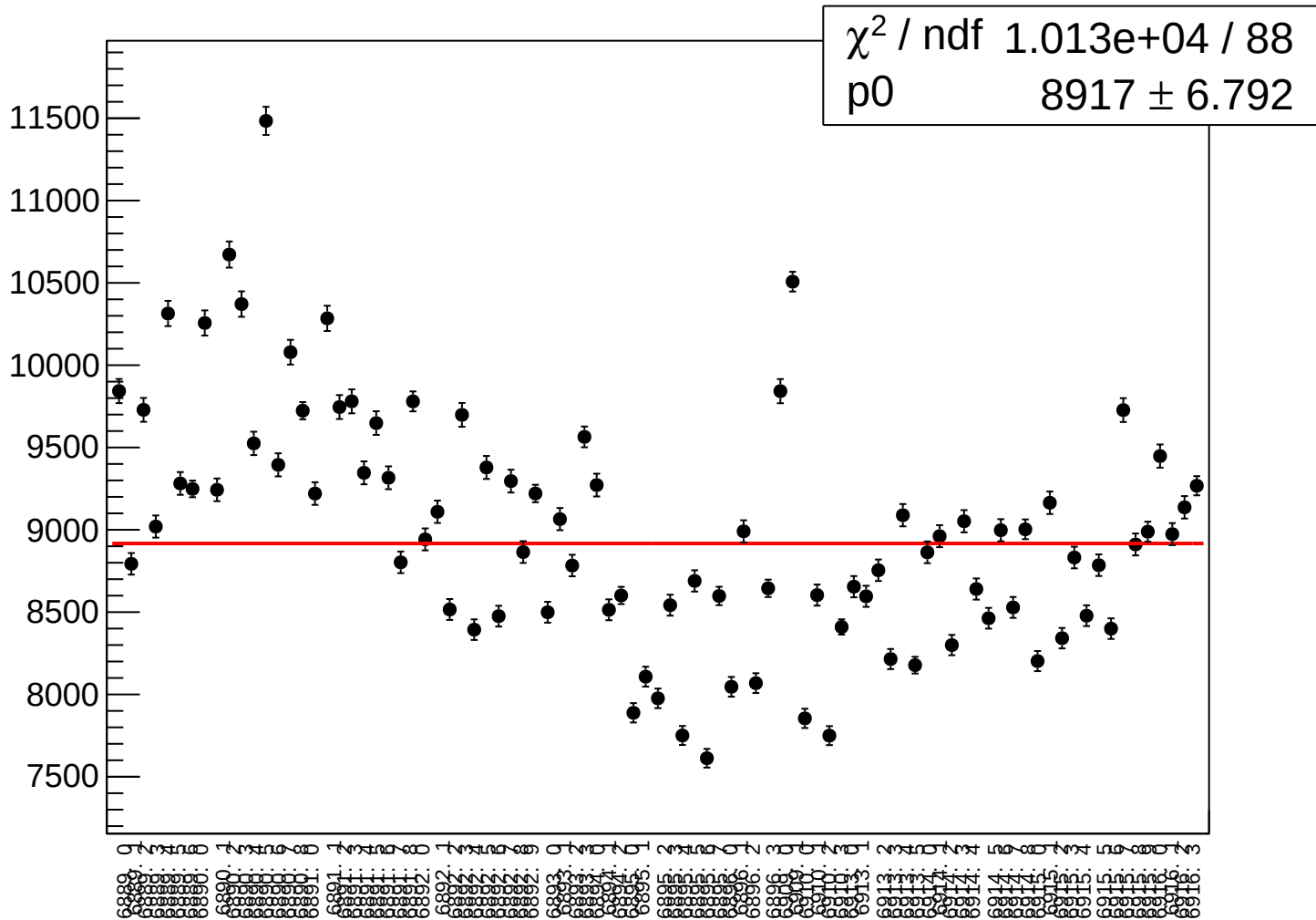
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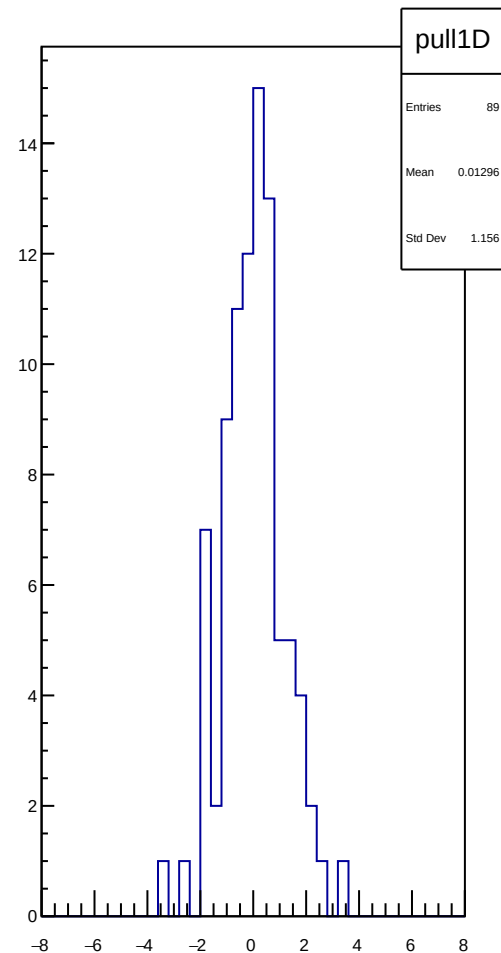
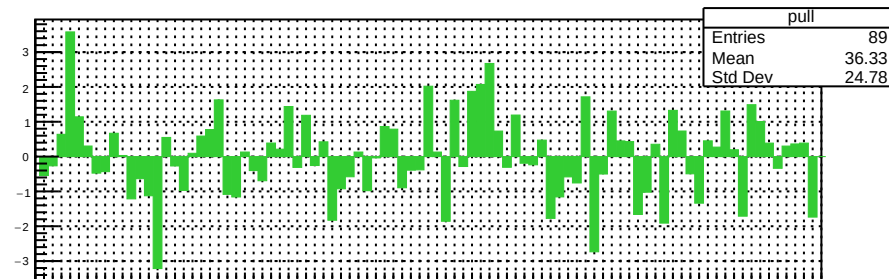
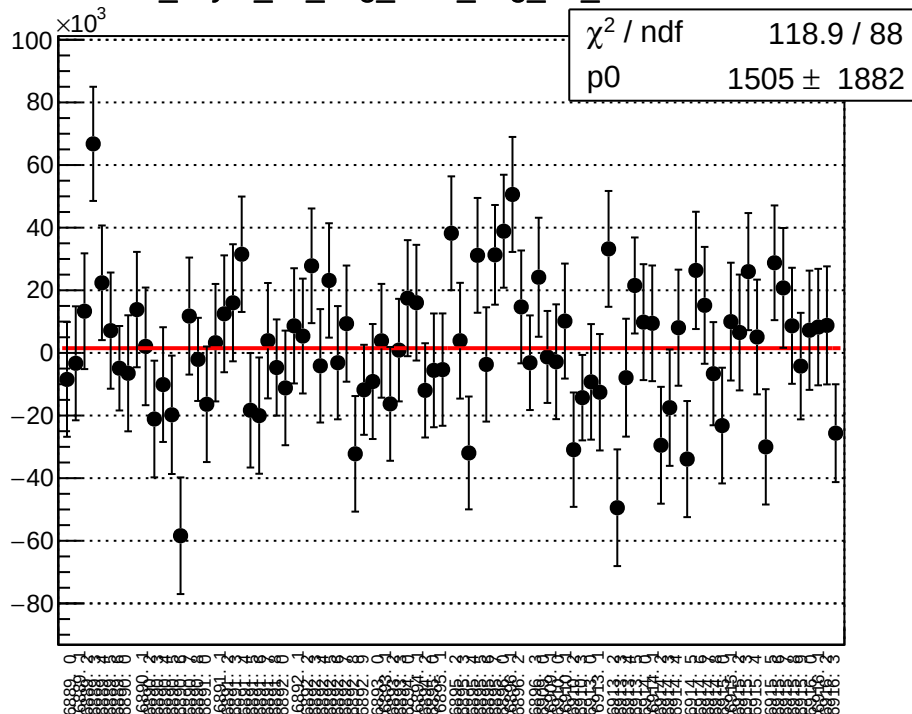
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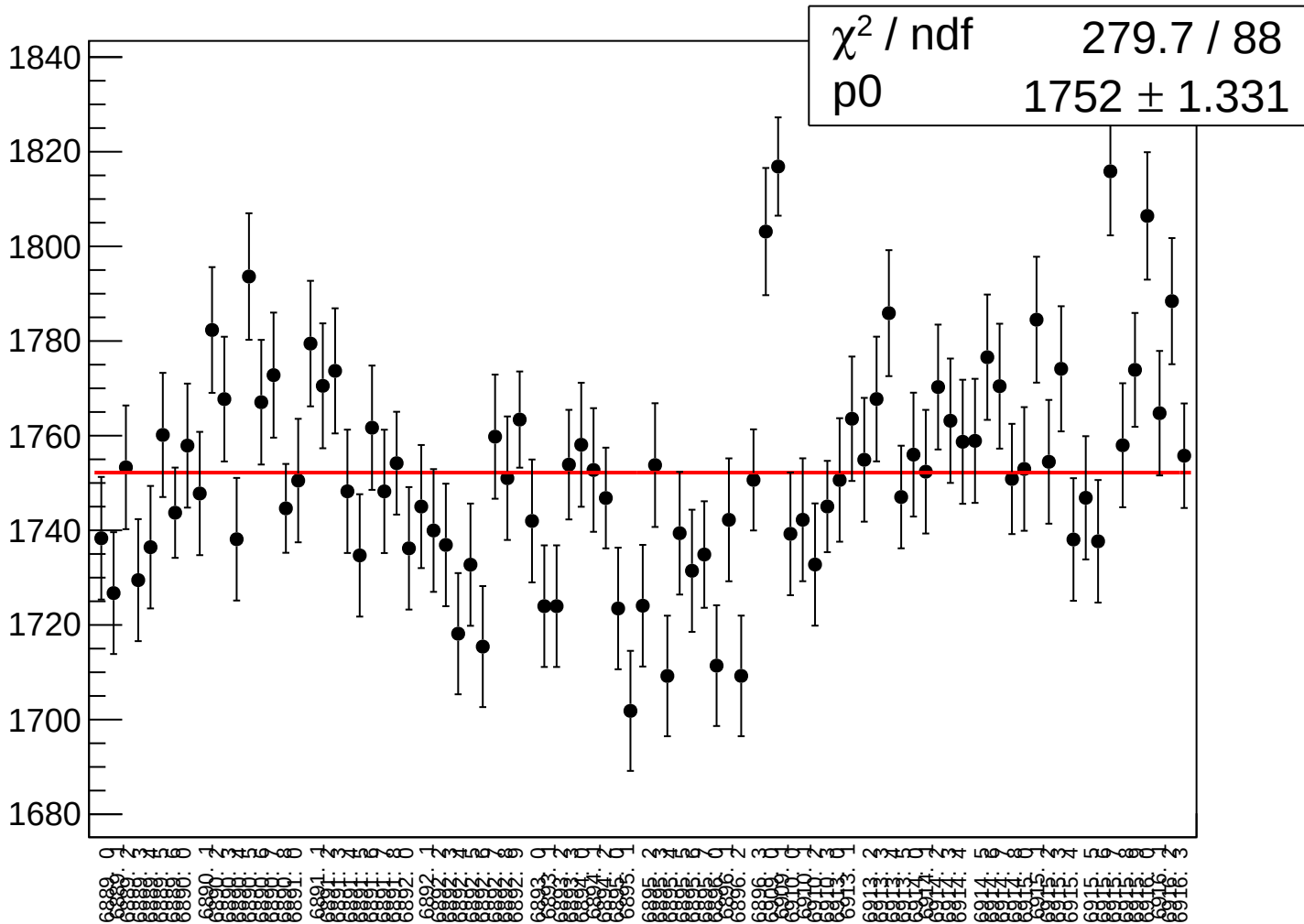
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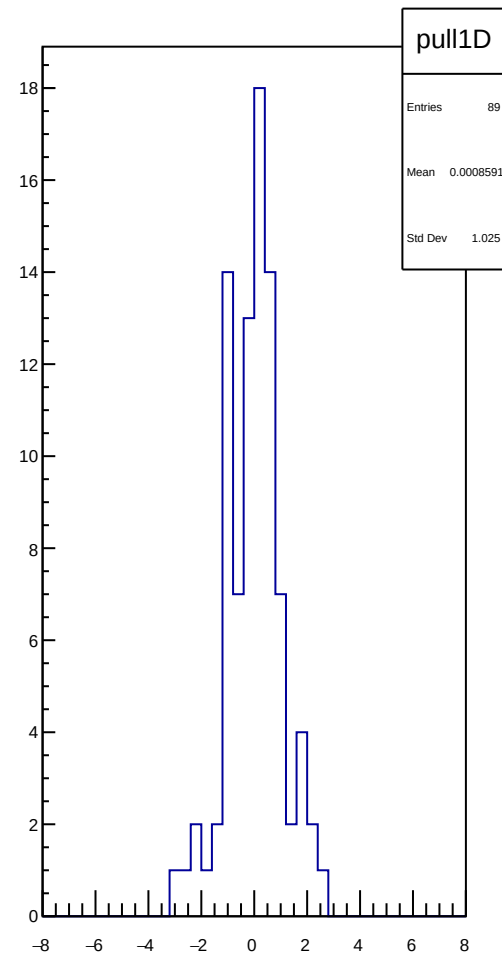
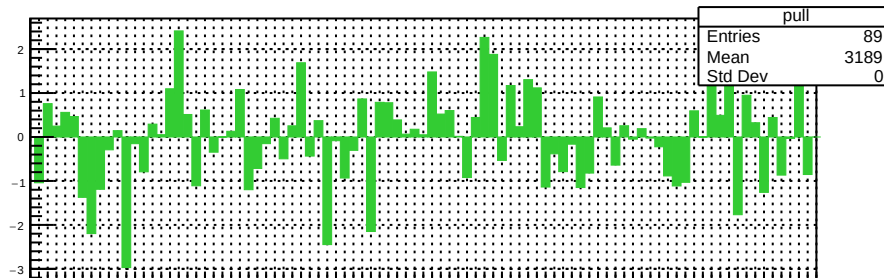
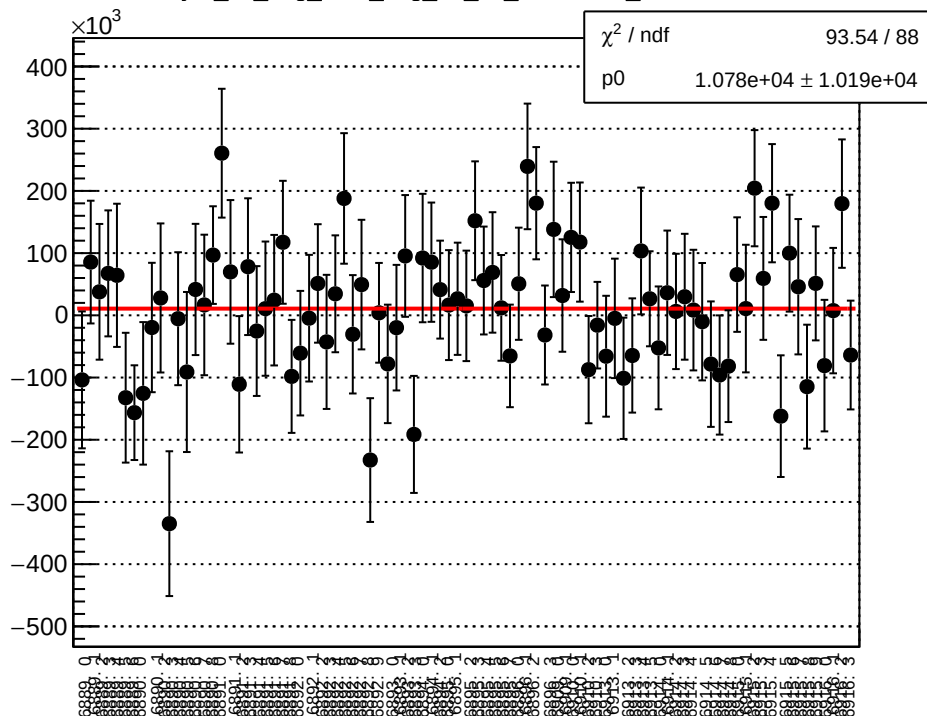
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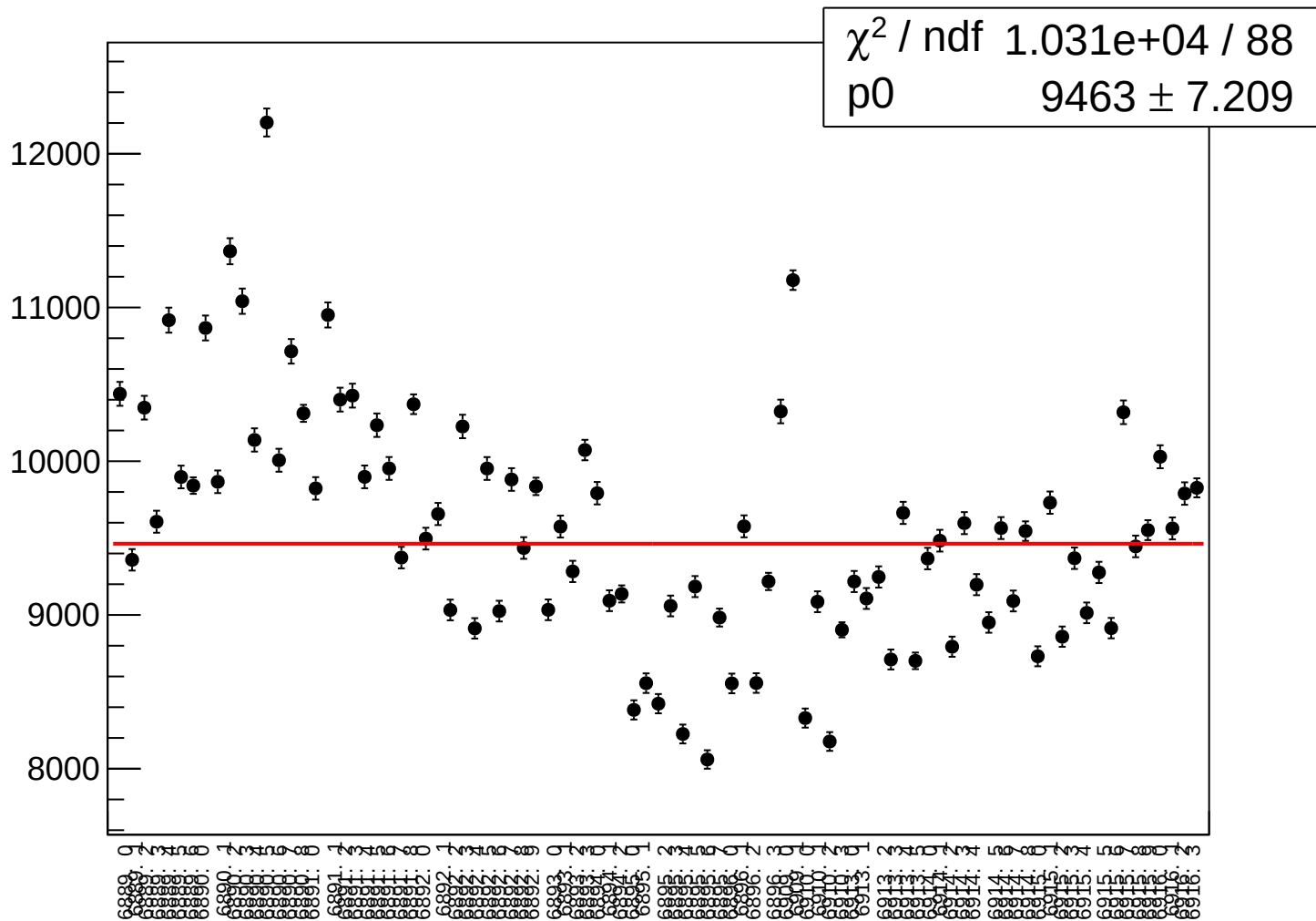
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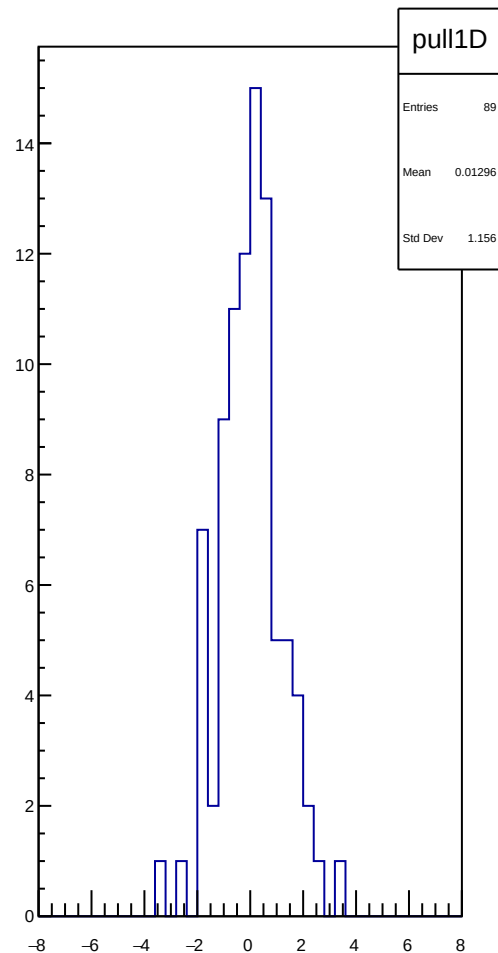
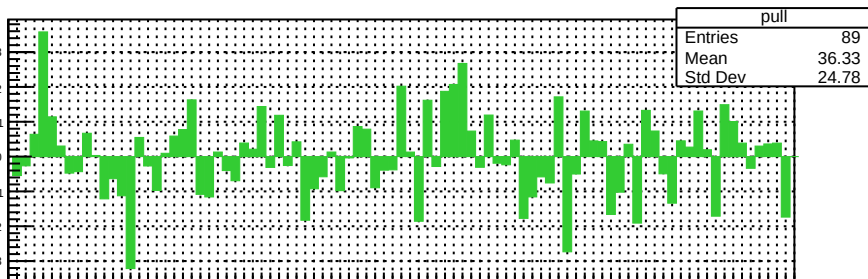
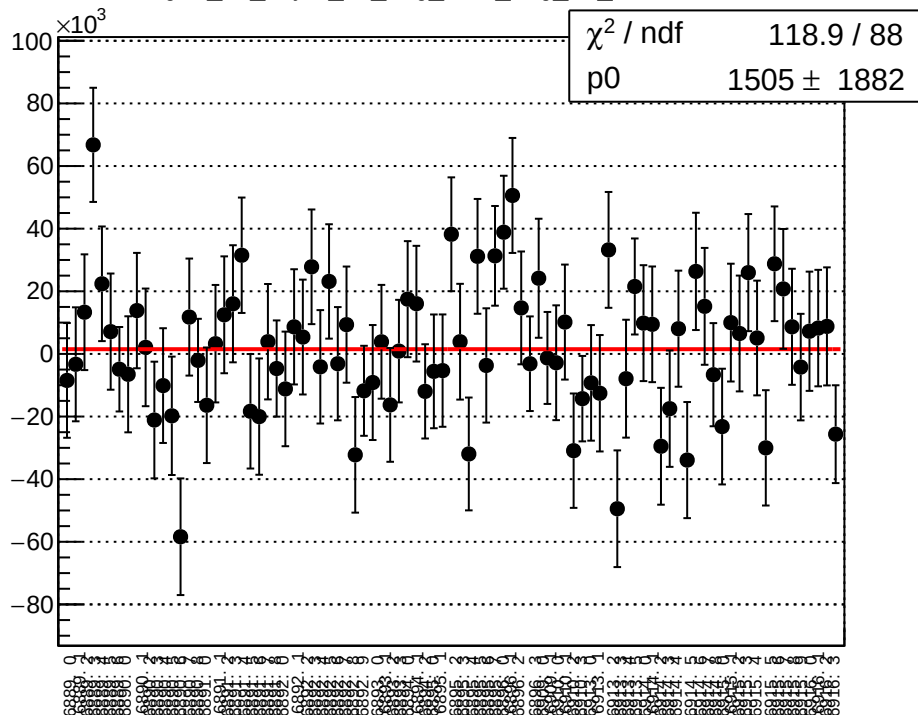
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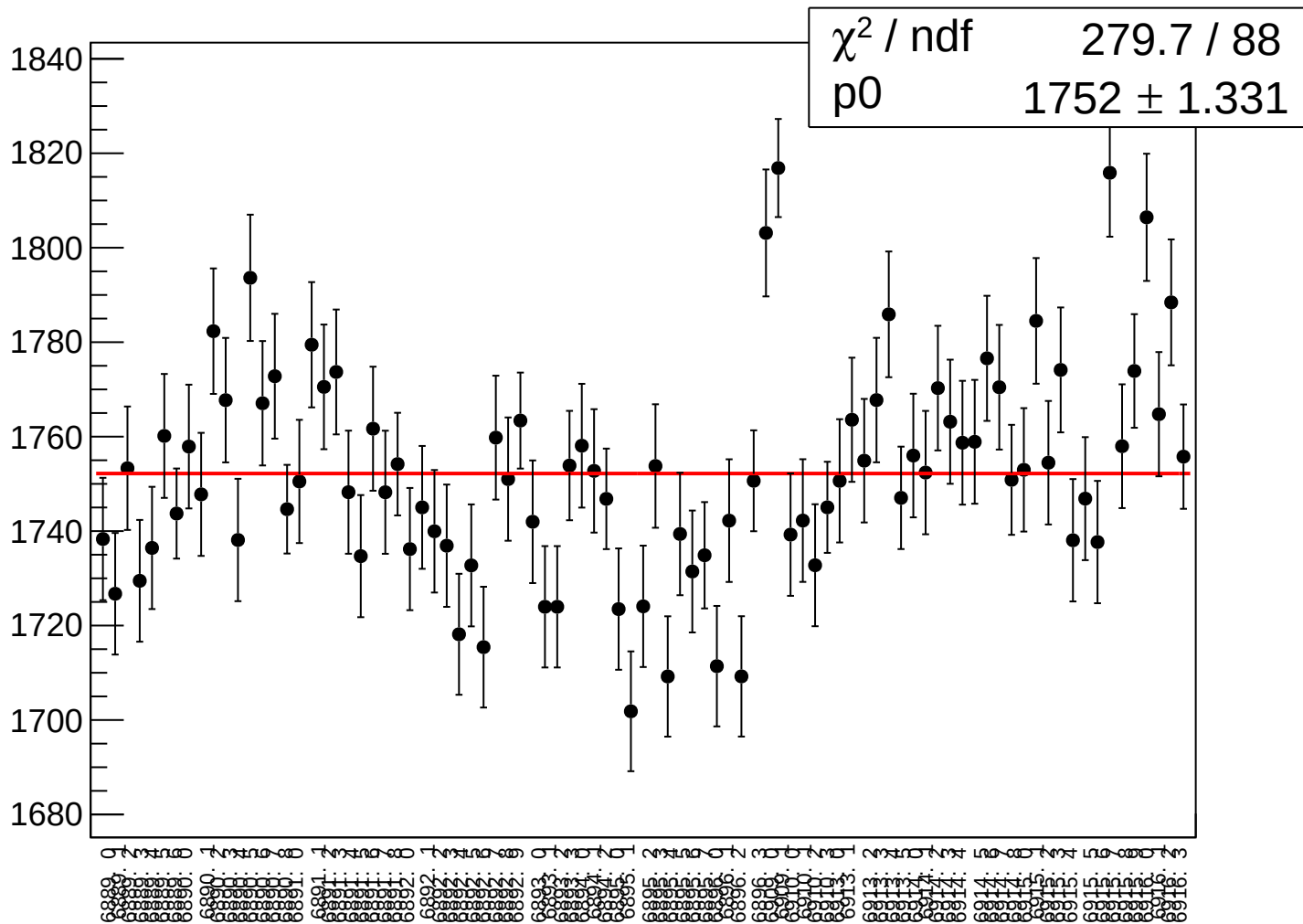
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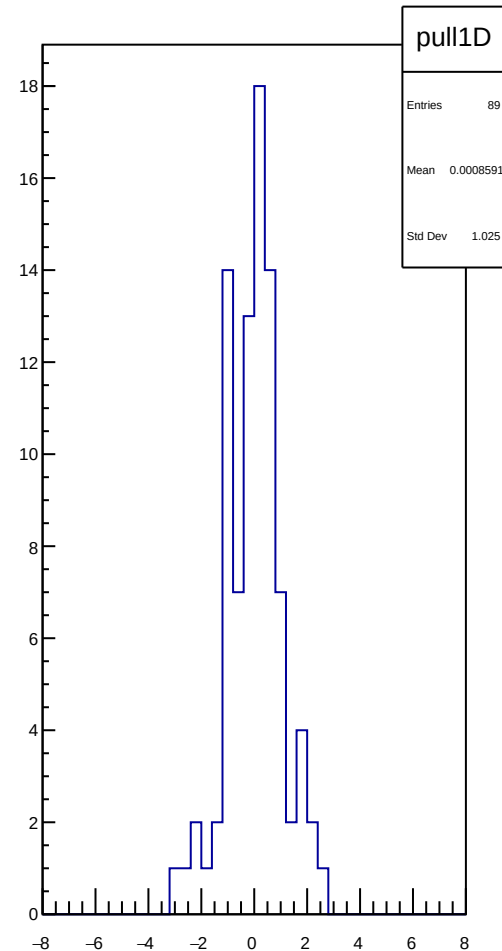
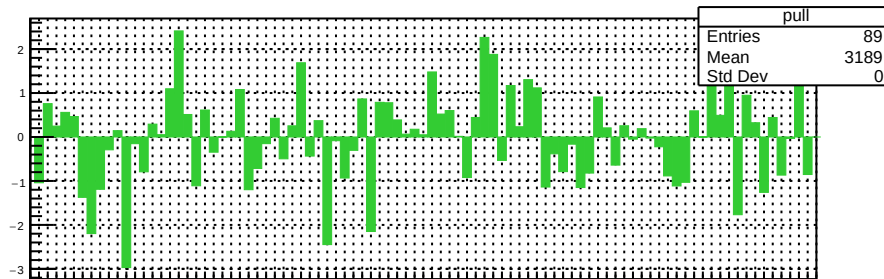
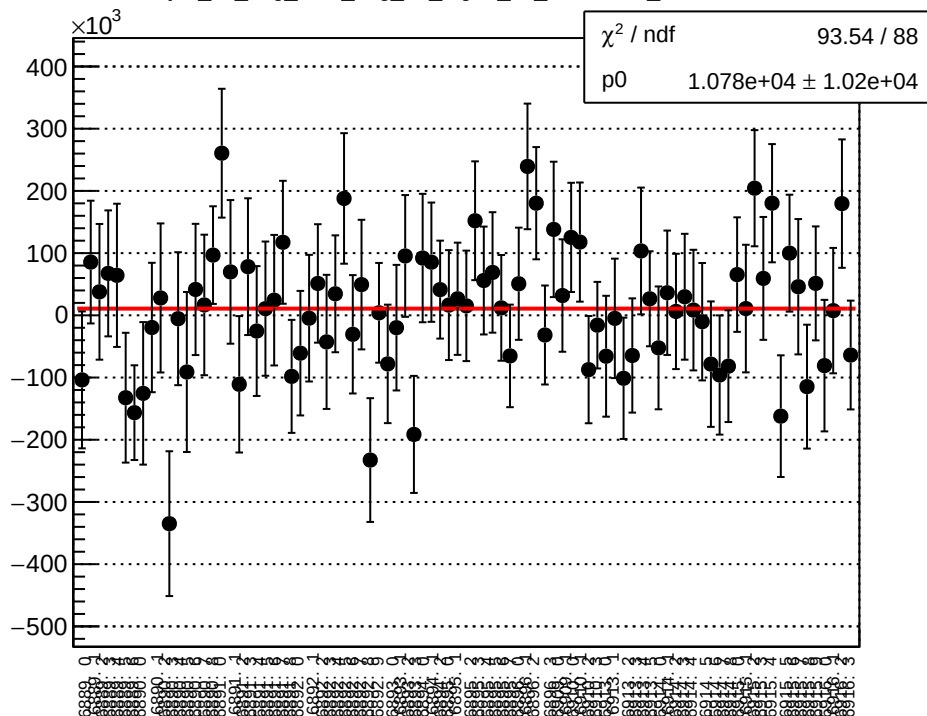
eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs run



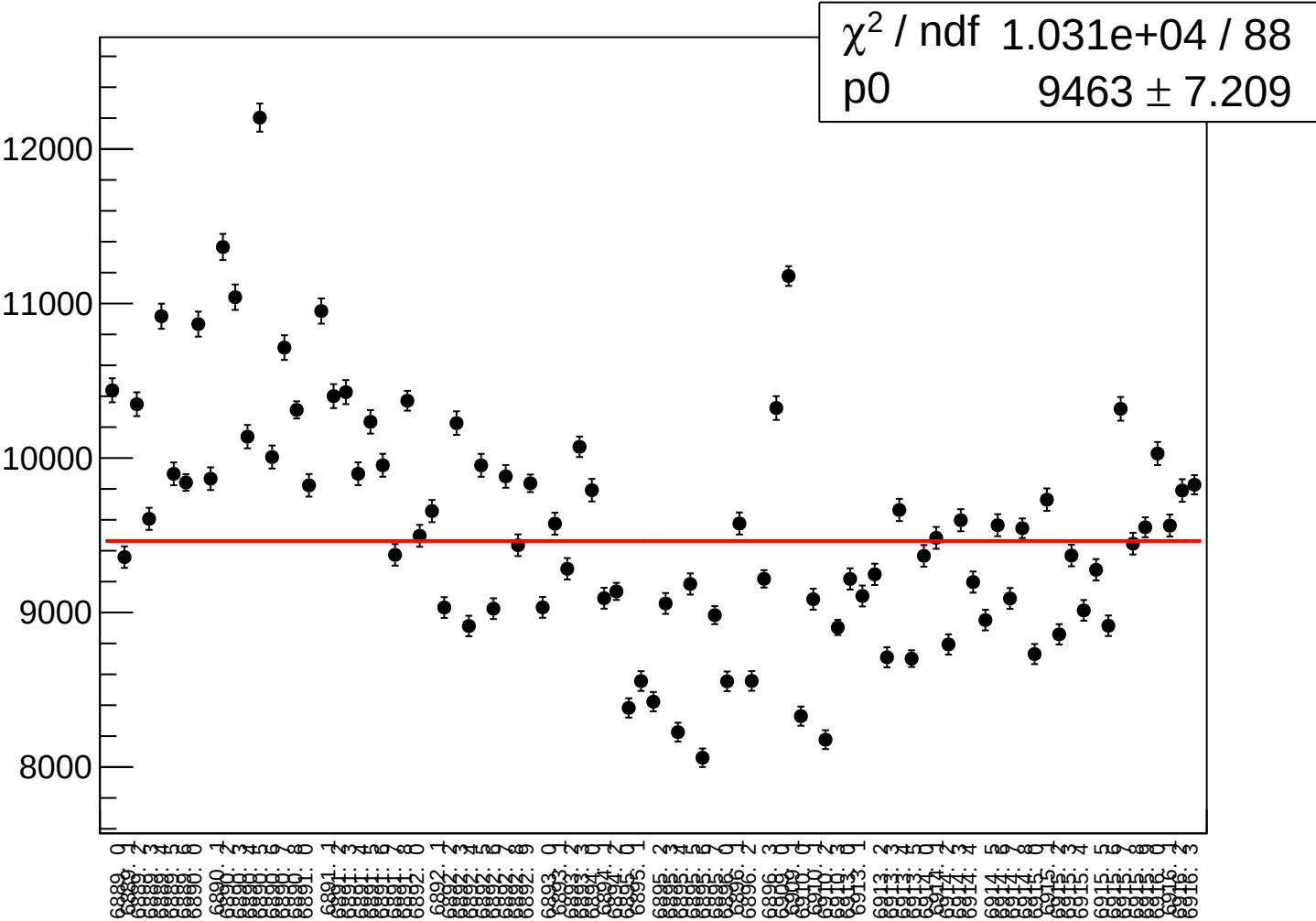
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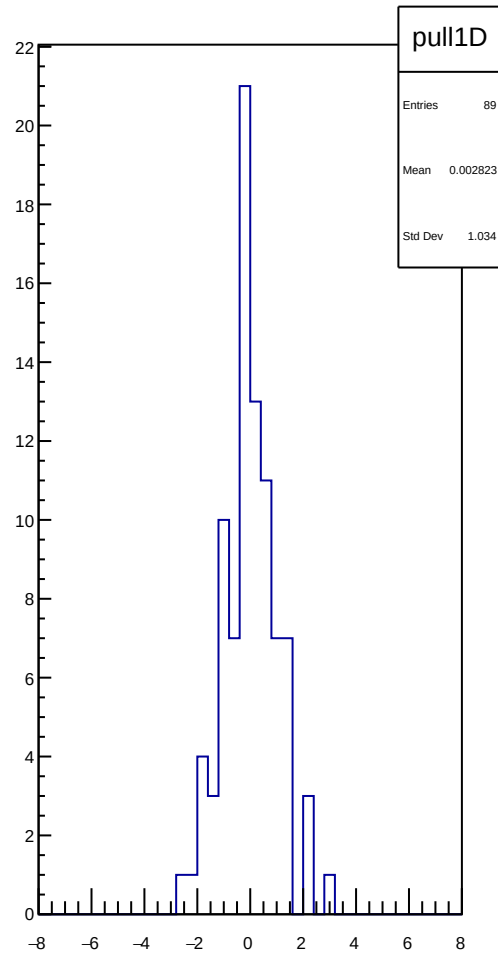
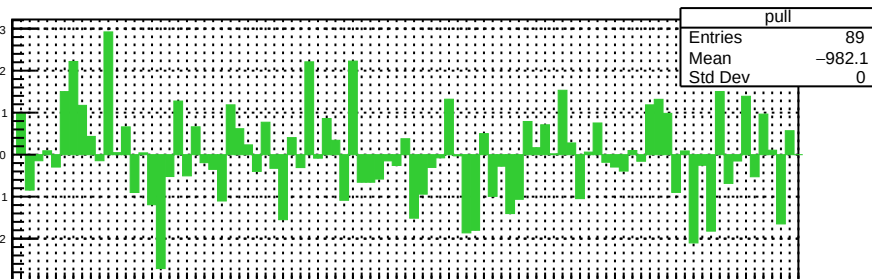
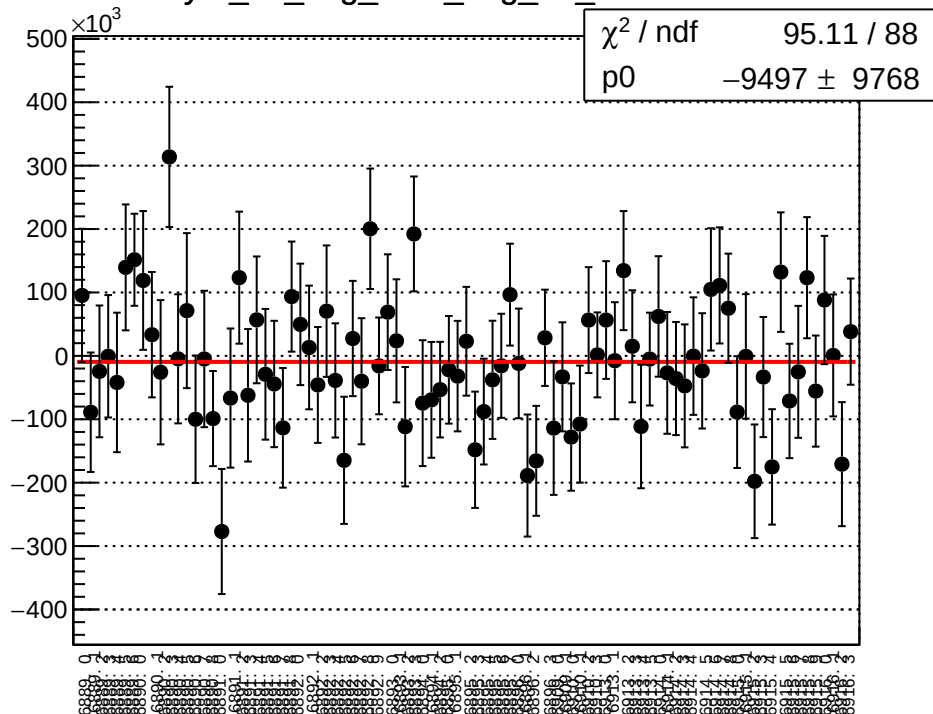
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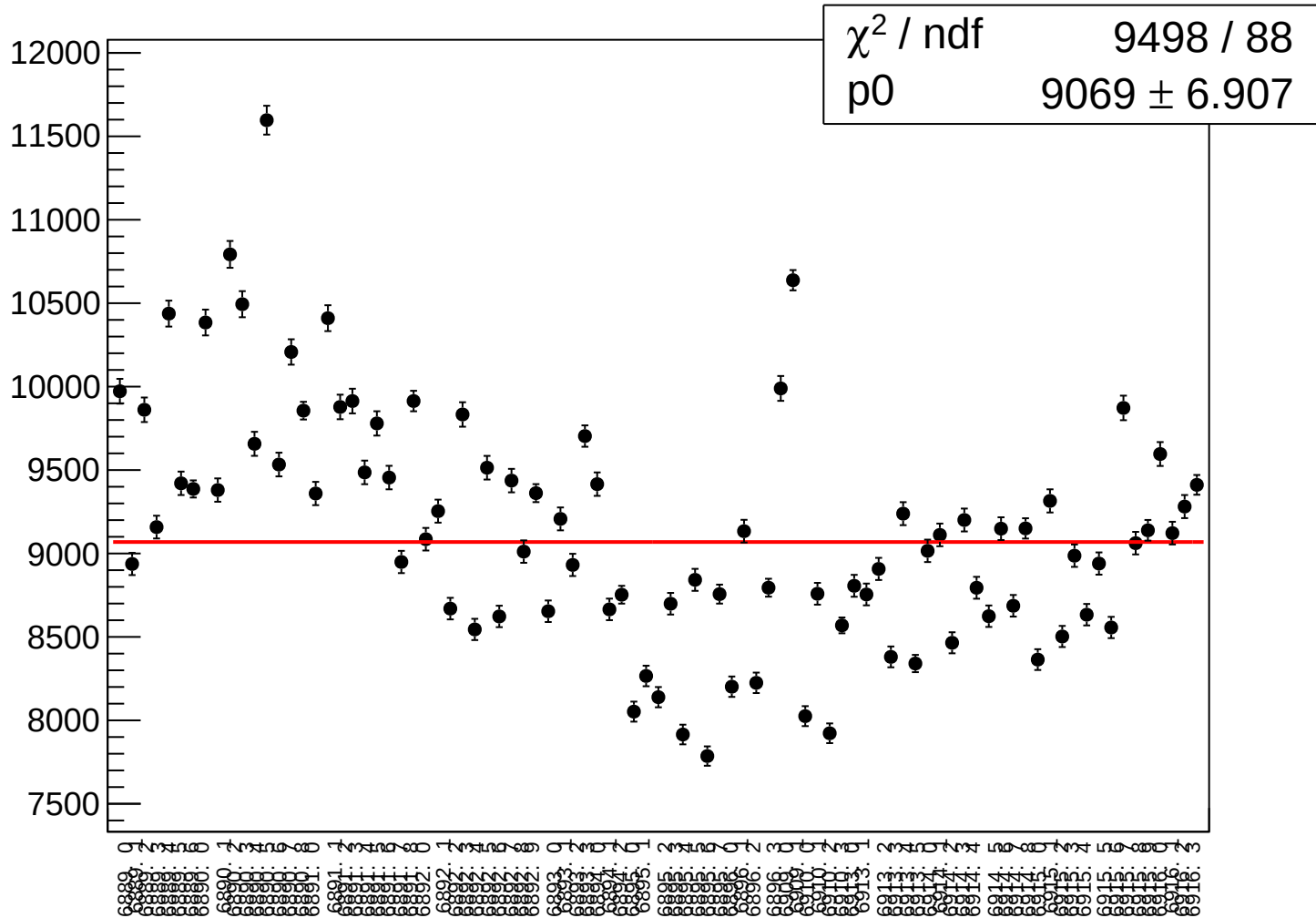
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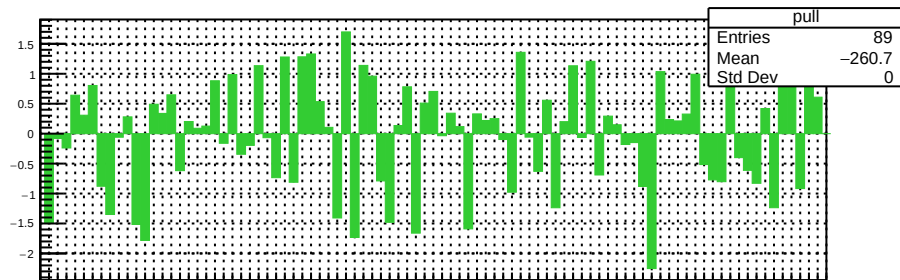
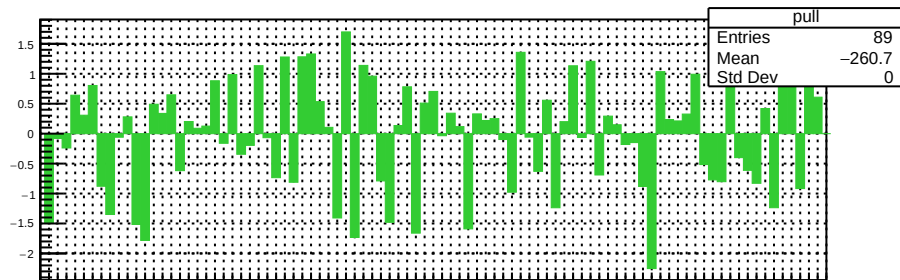
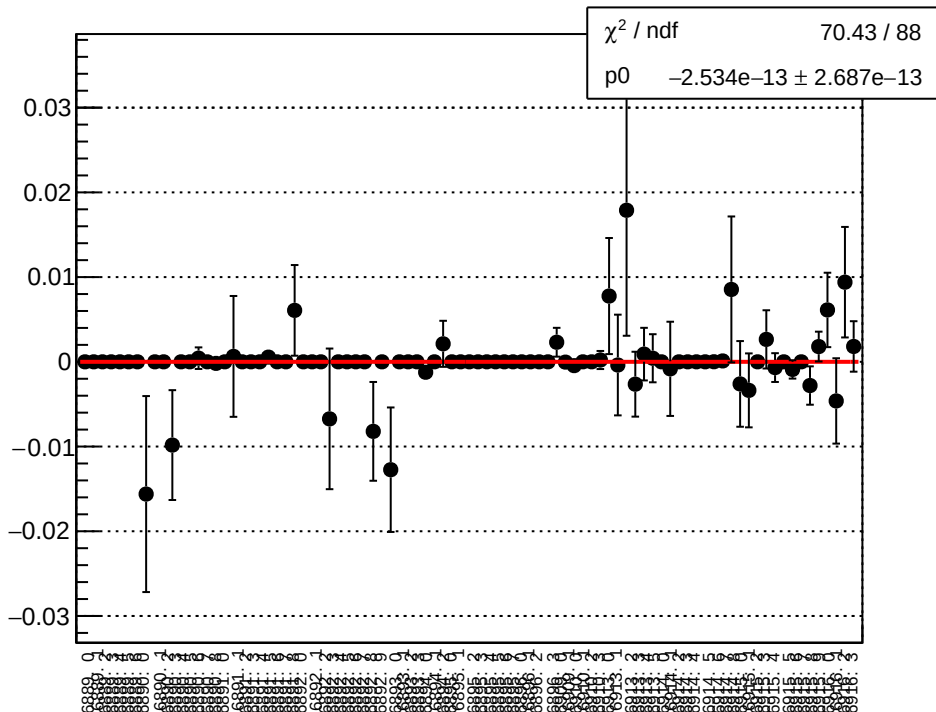
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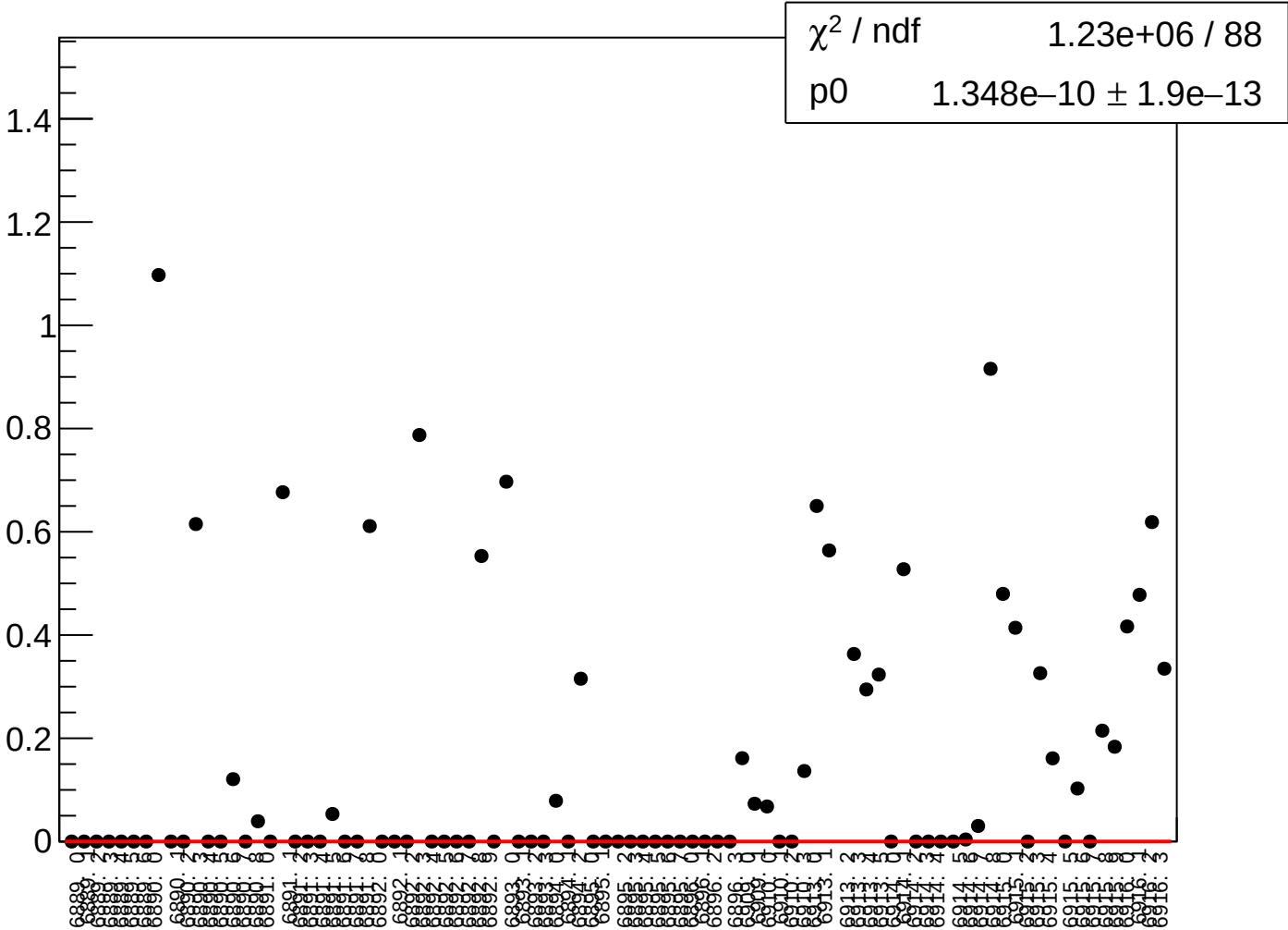
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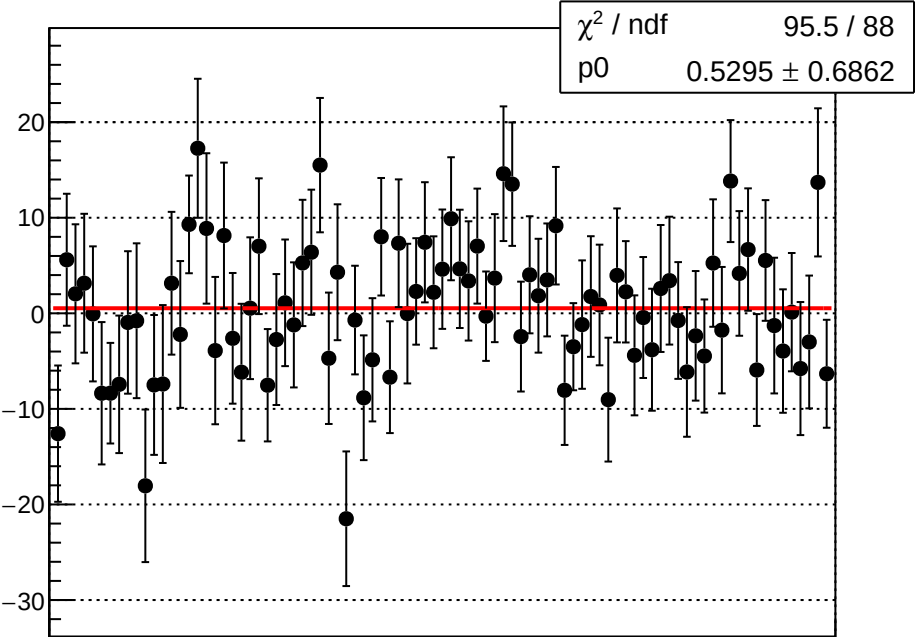
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asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs run

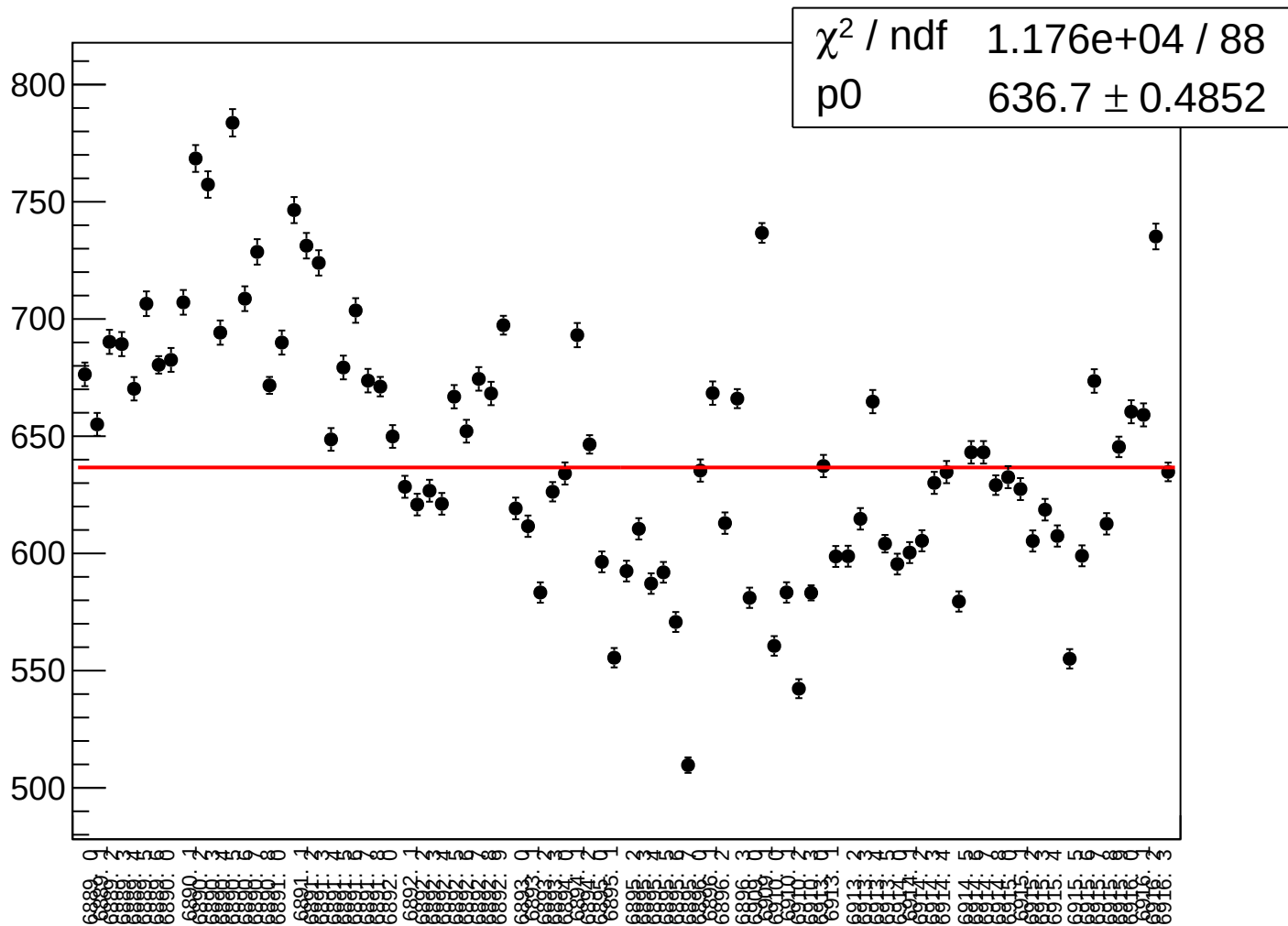


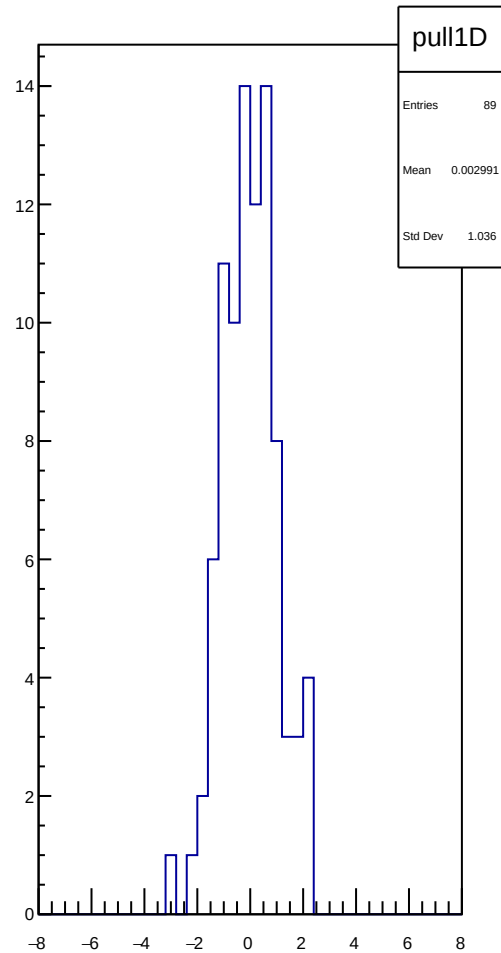
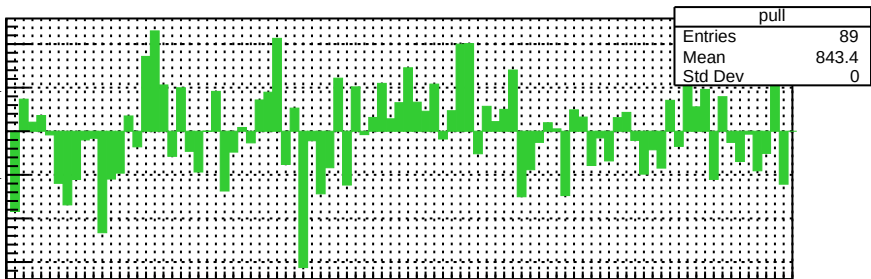
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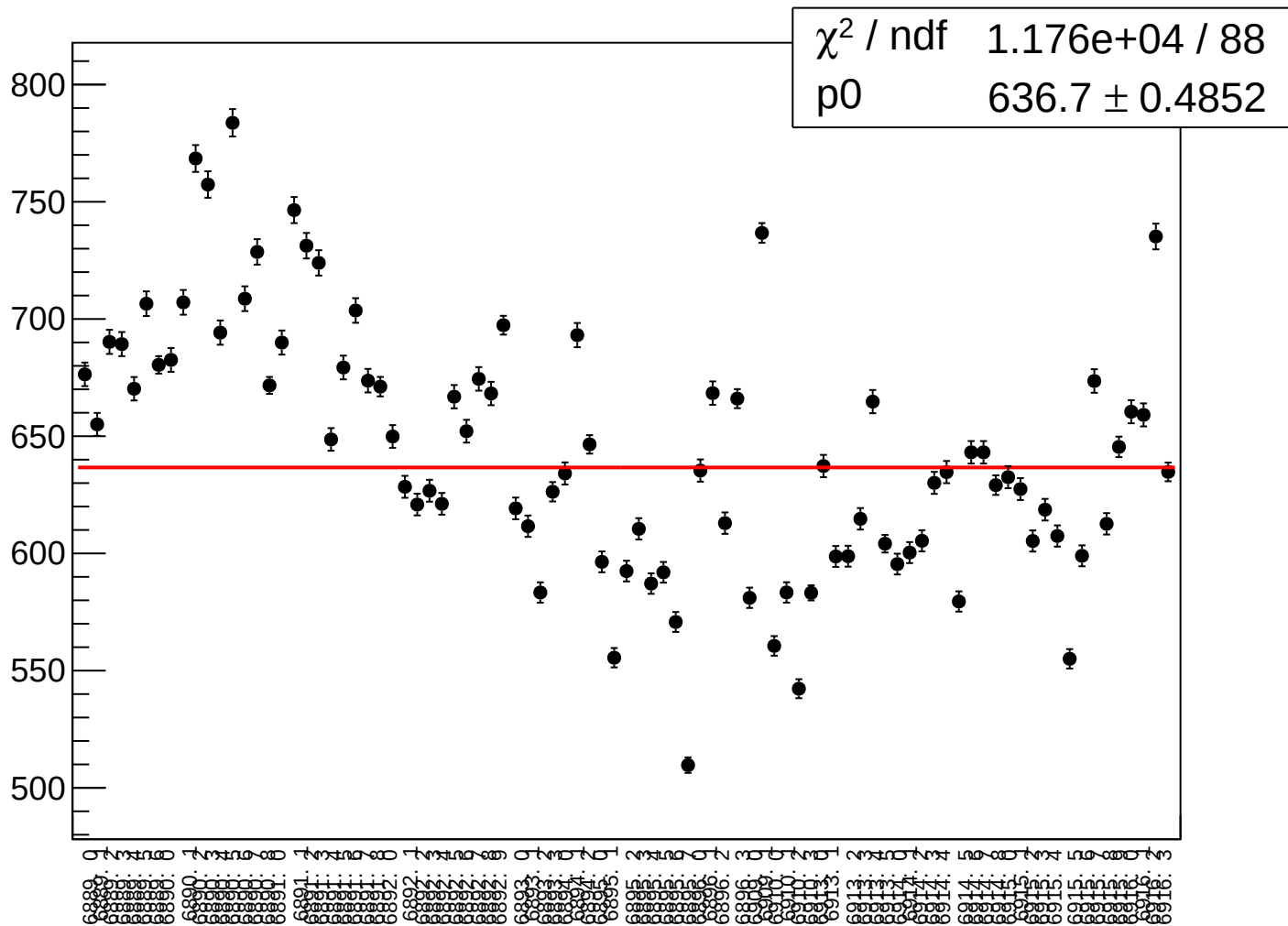
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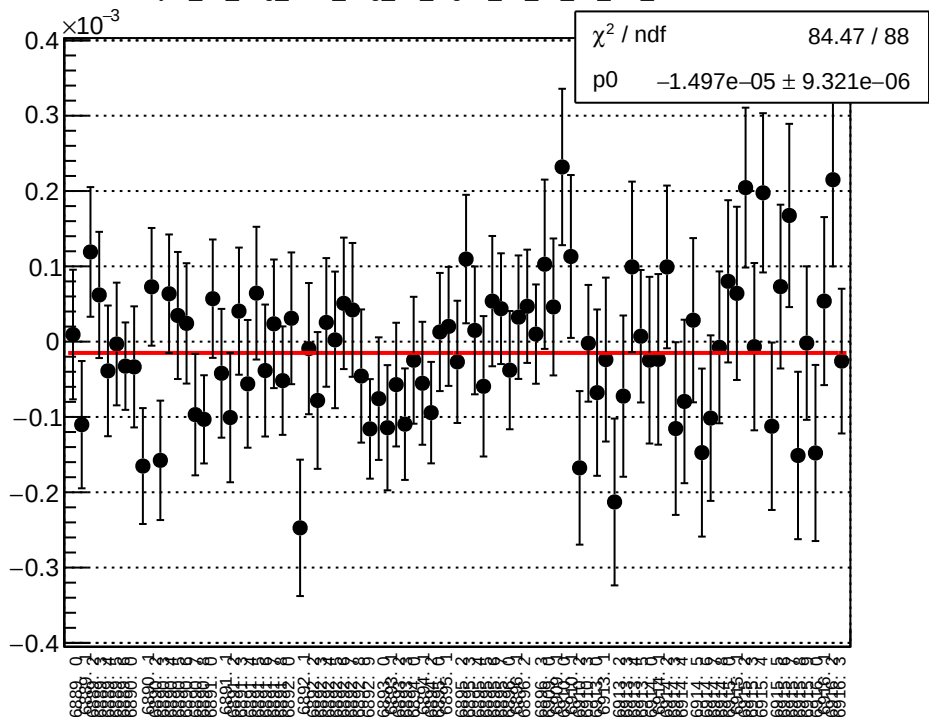




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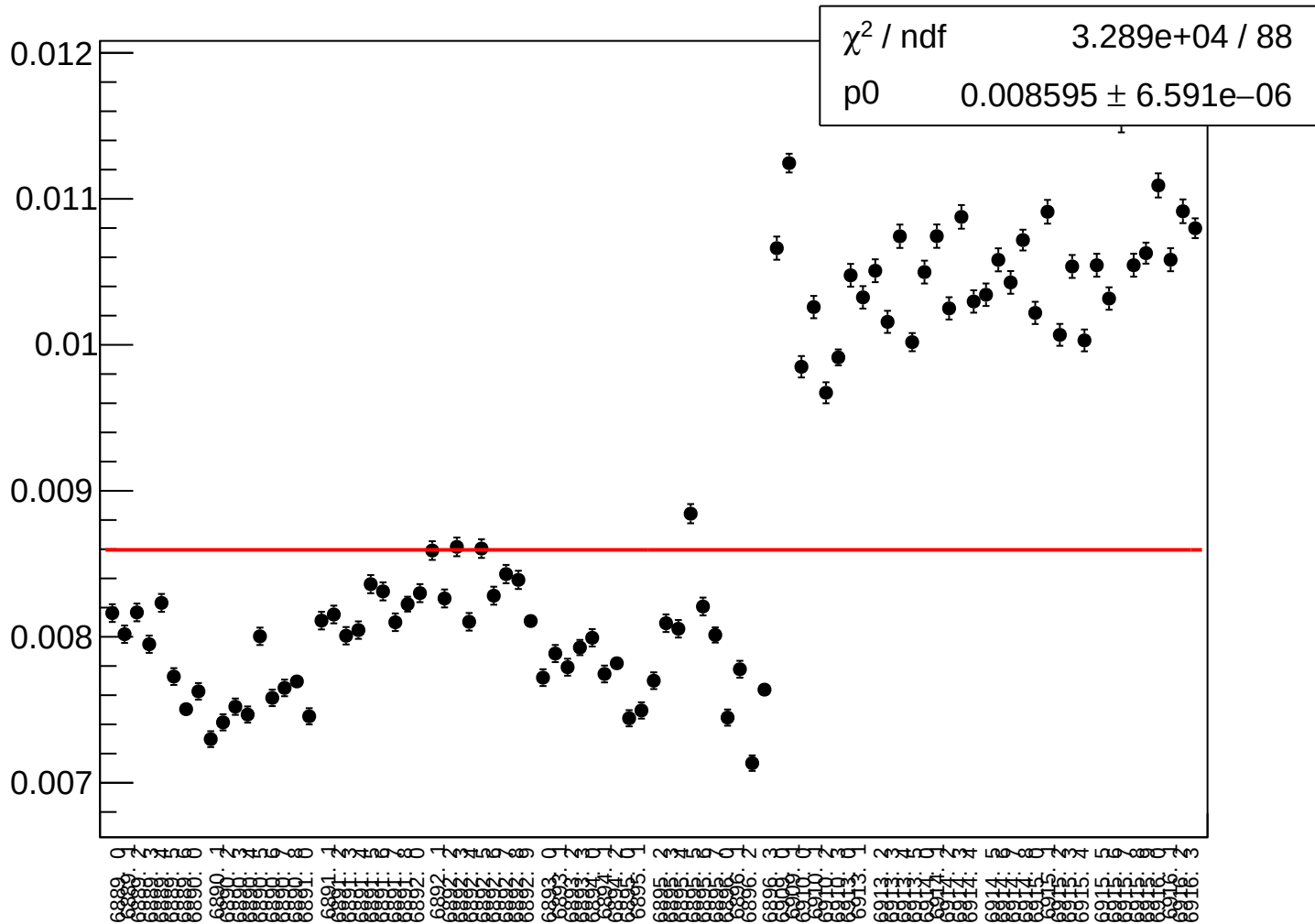


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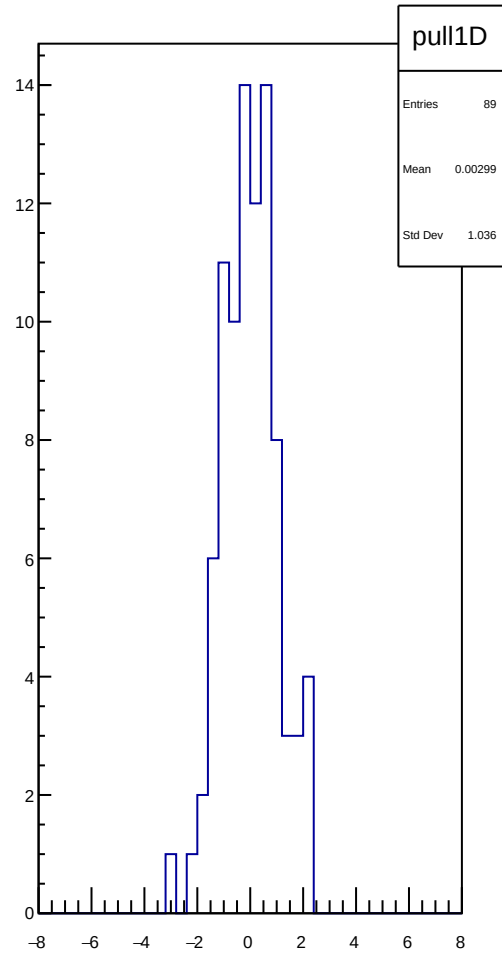
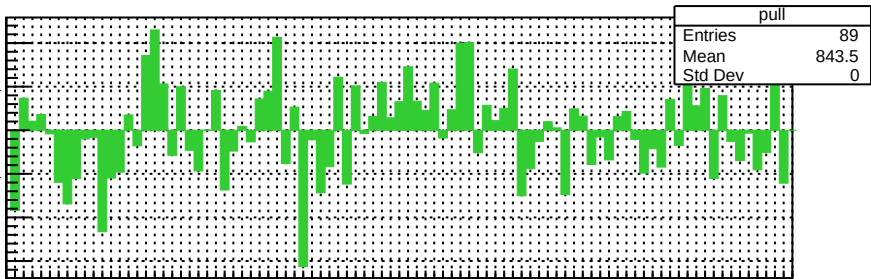


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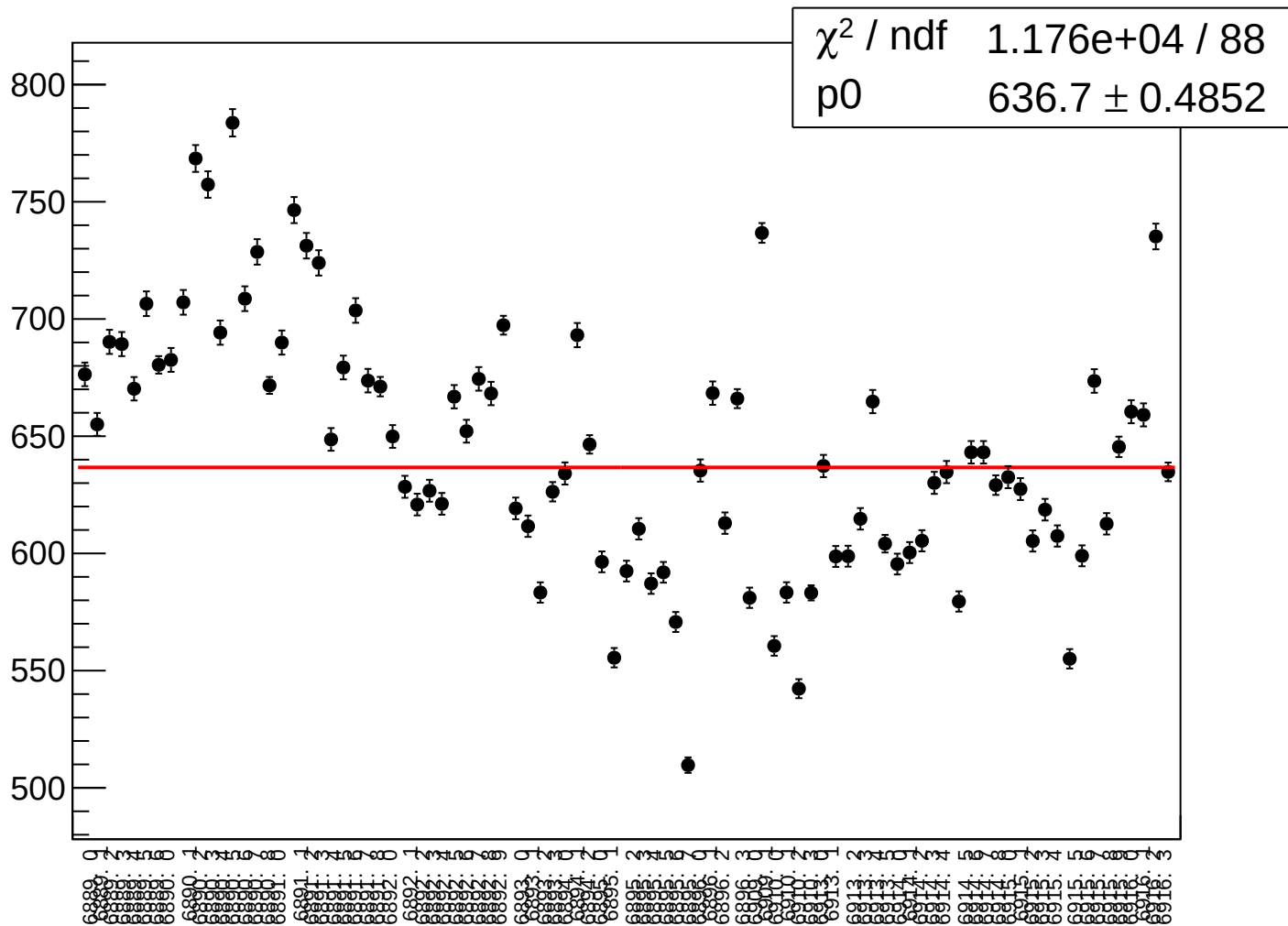
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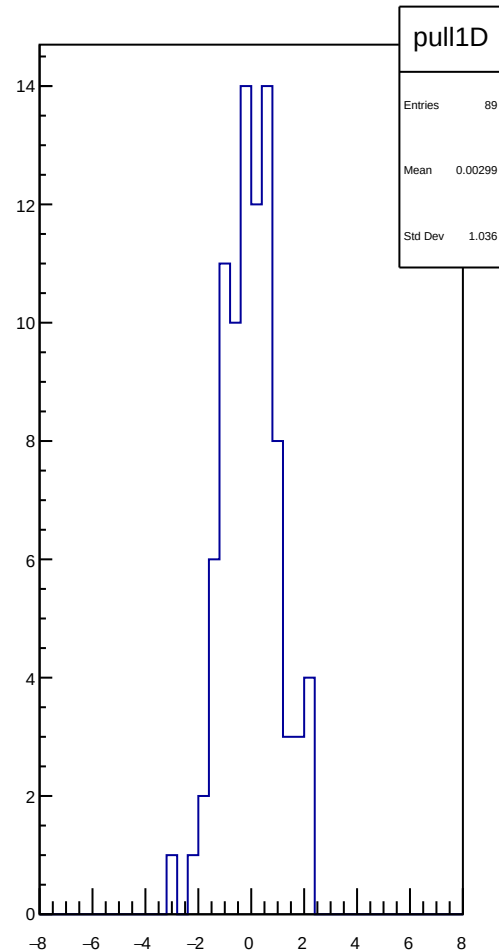
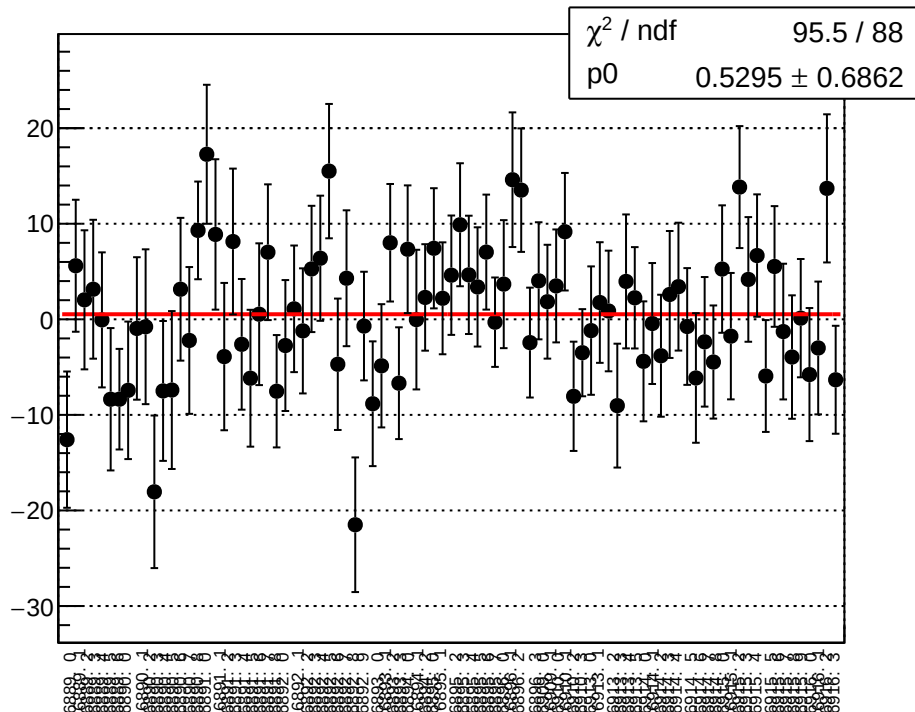
χ^2 / ndf 95.5 / 88
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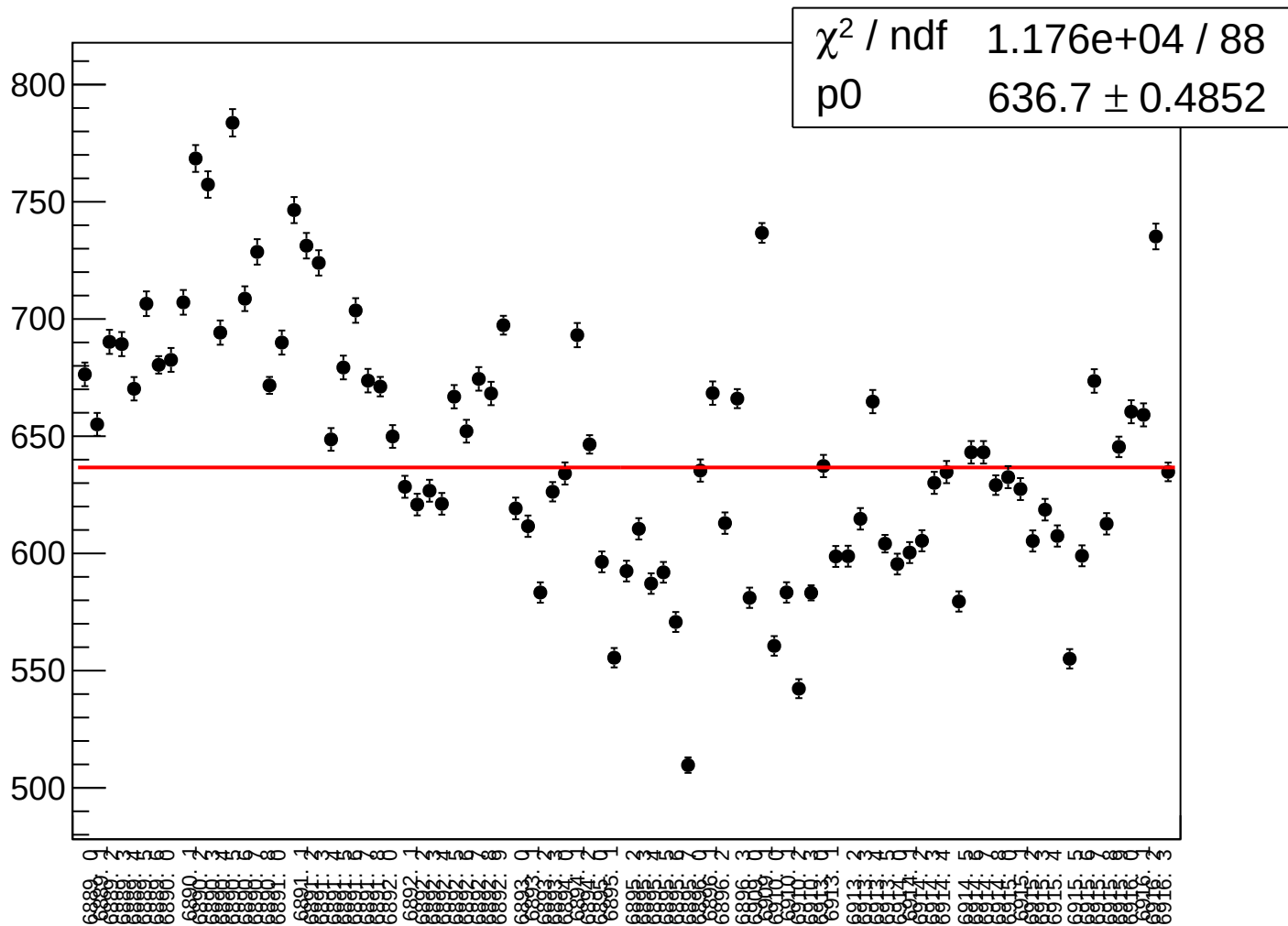
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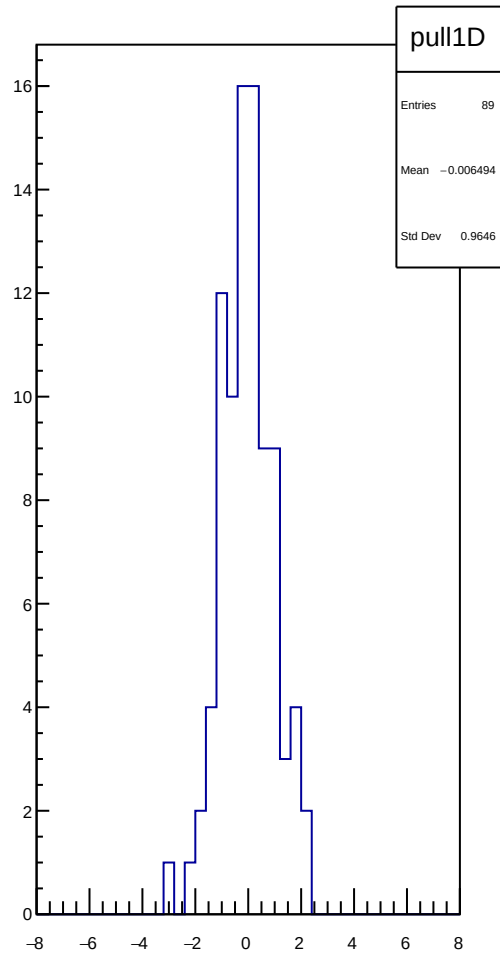
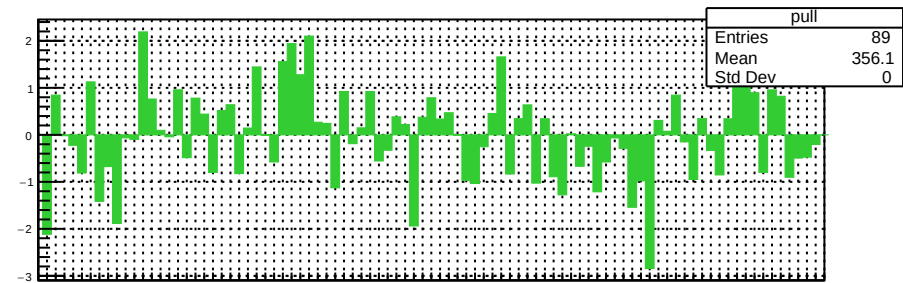
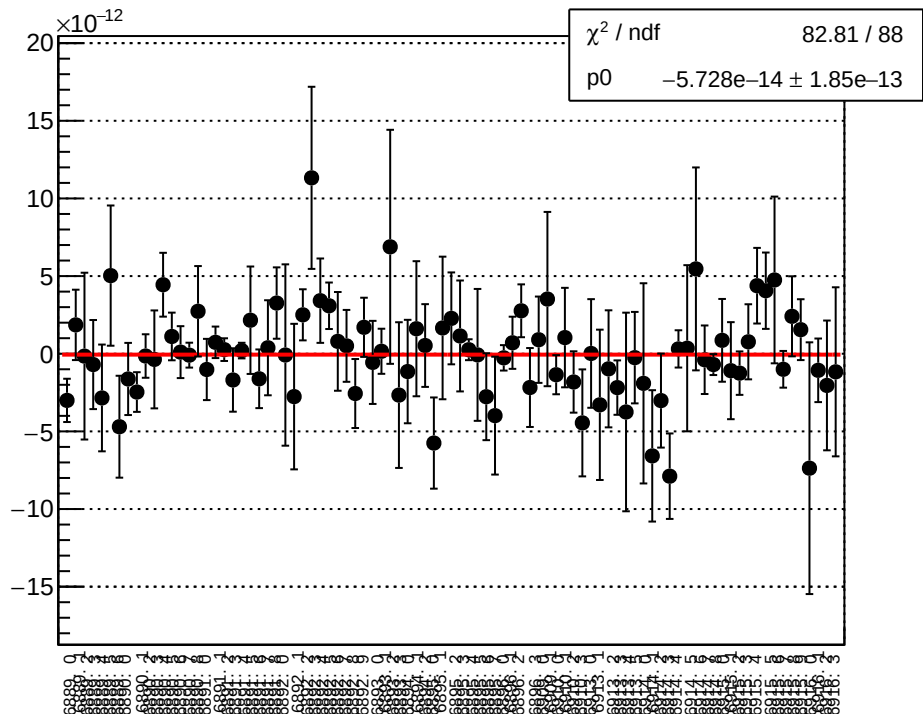
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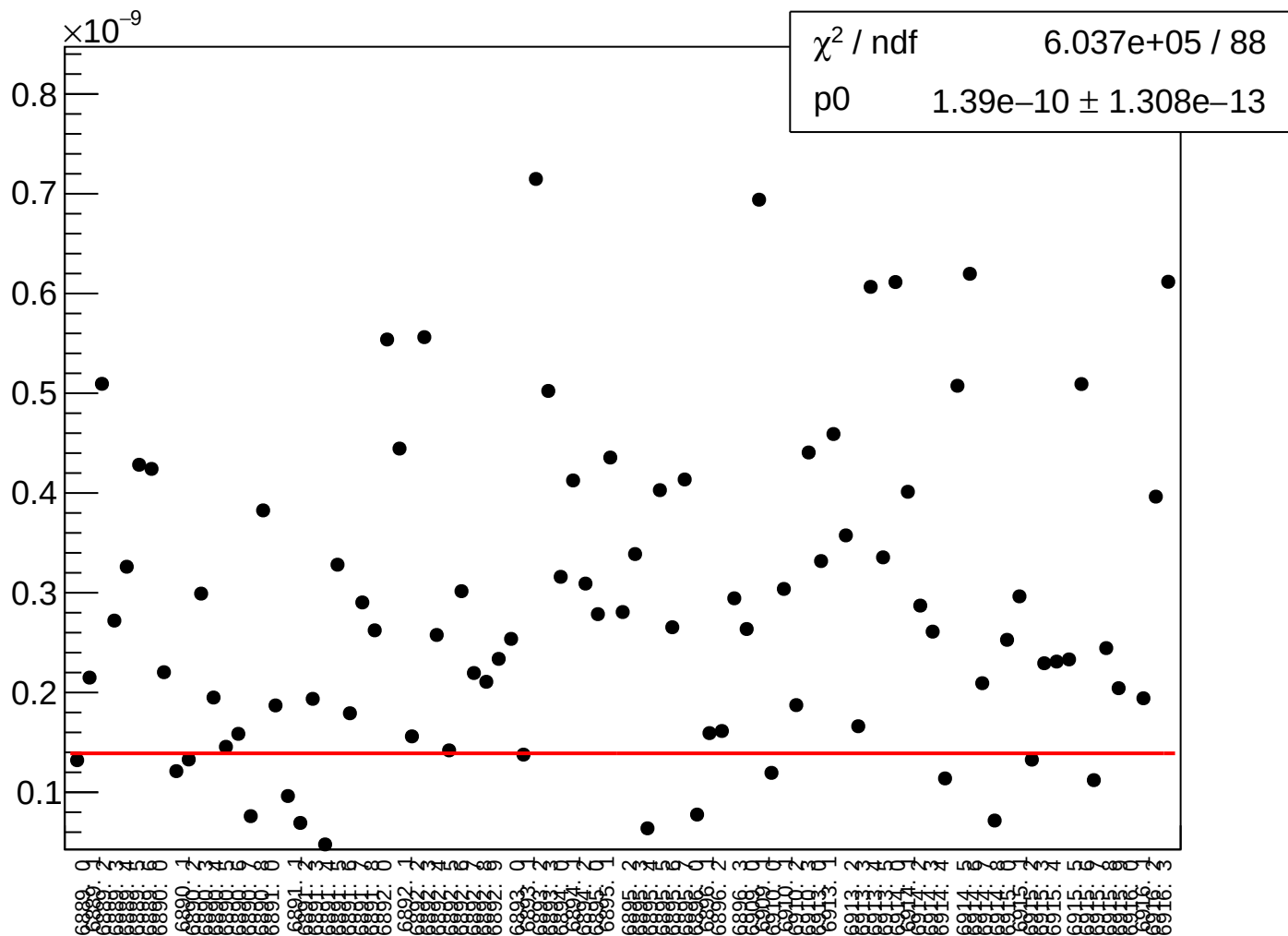
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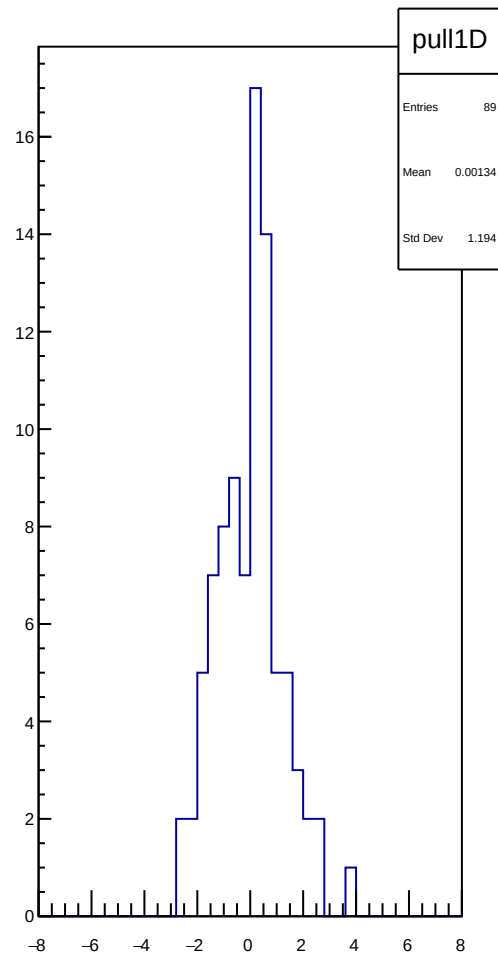
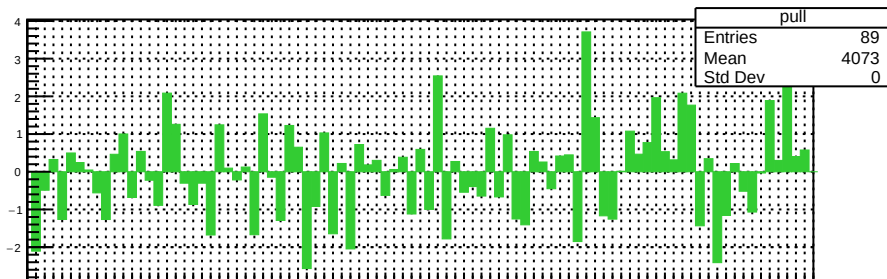
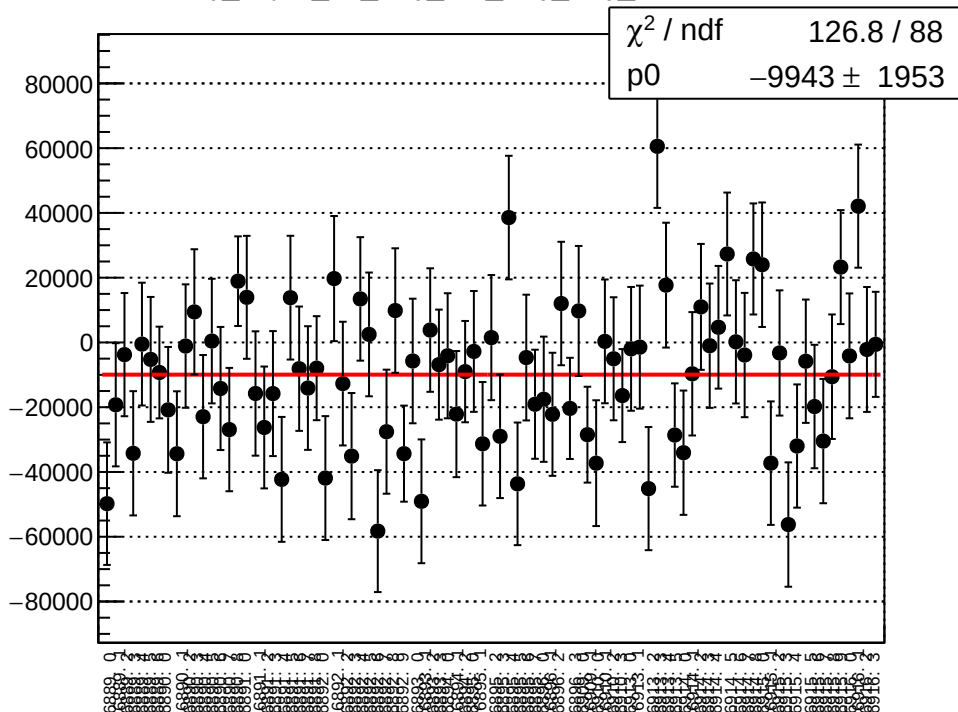
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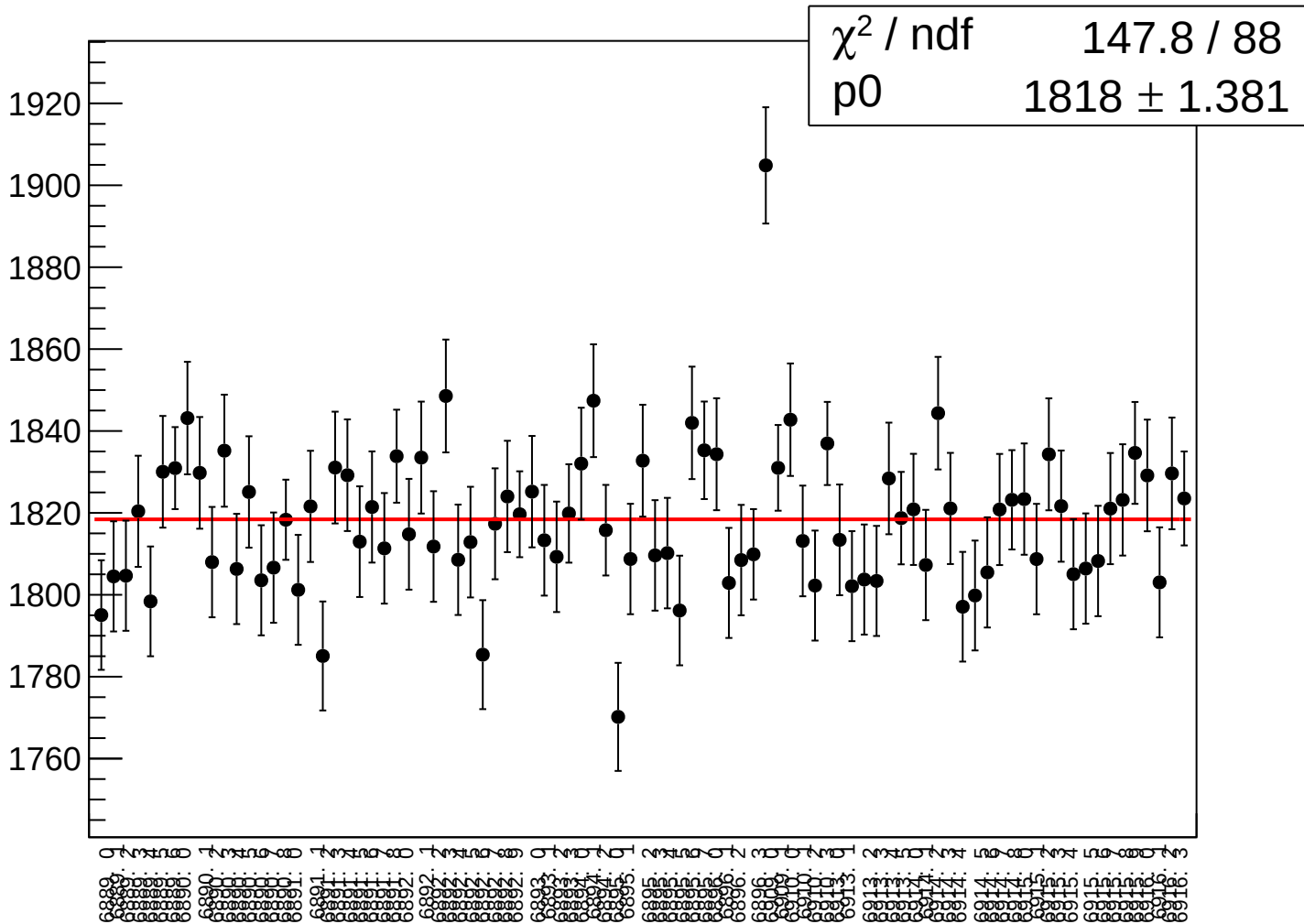
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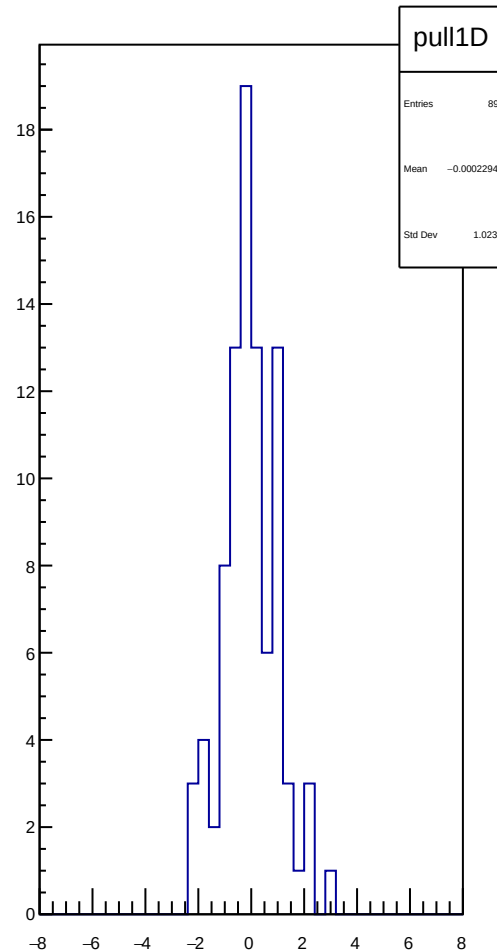
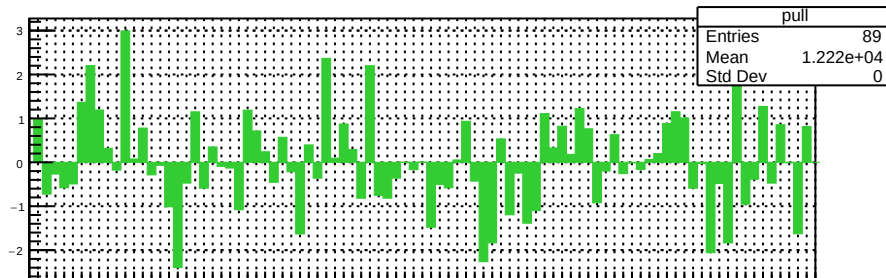
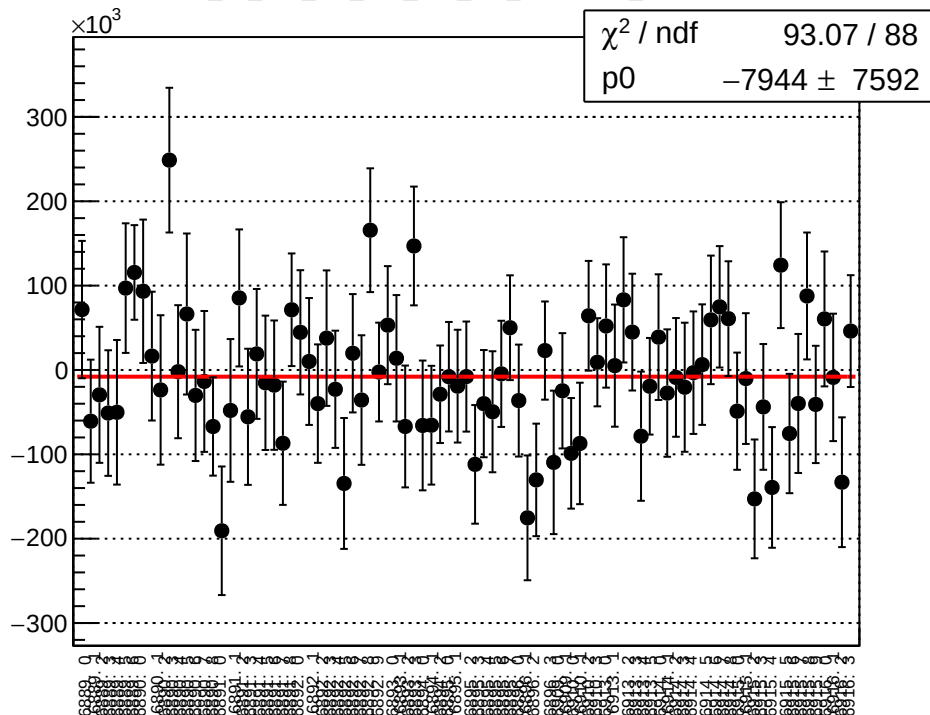
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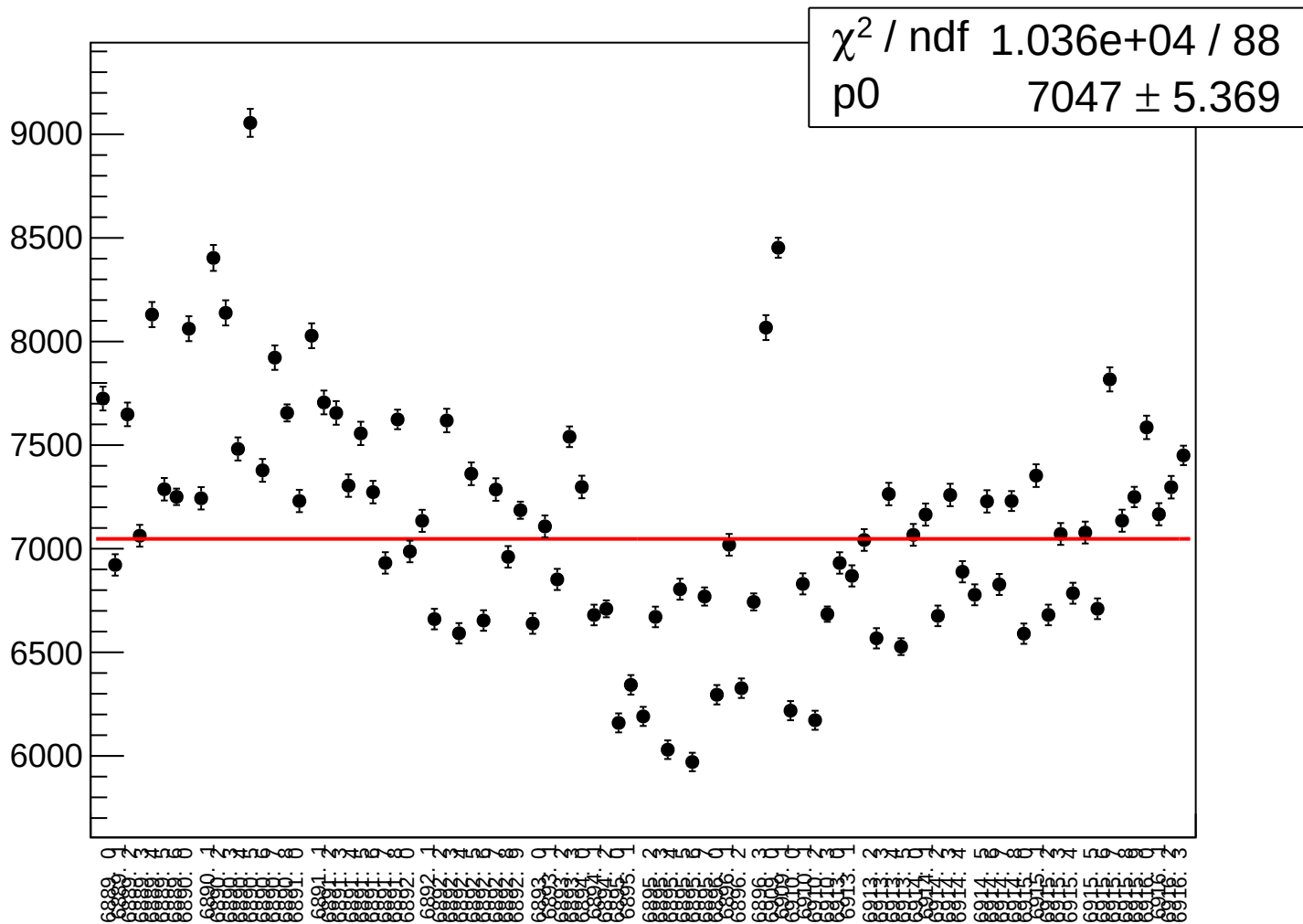
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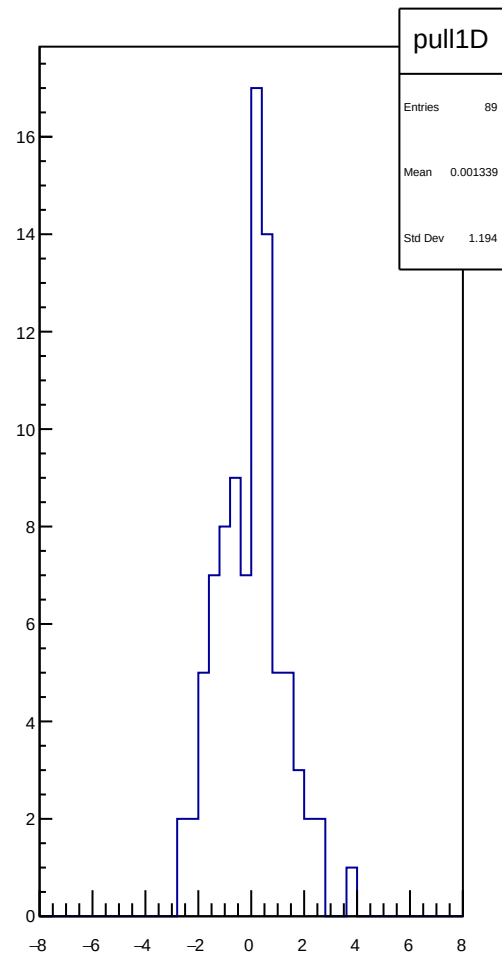
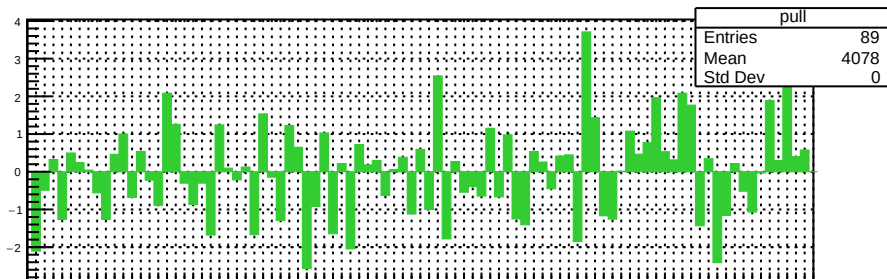
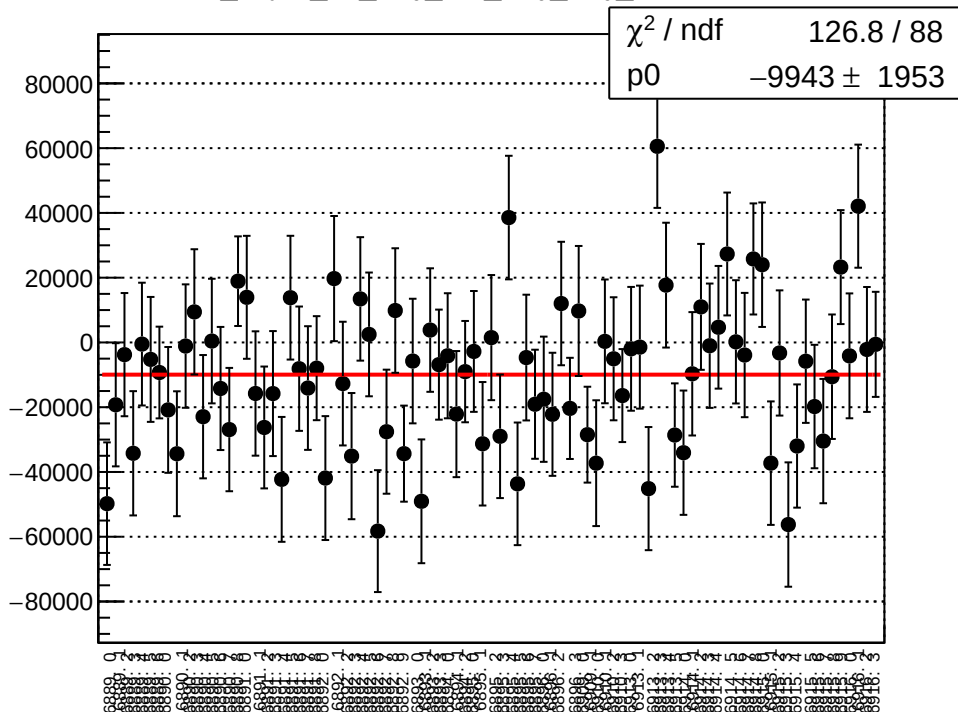
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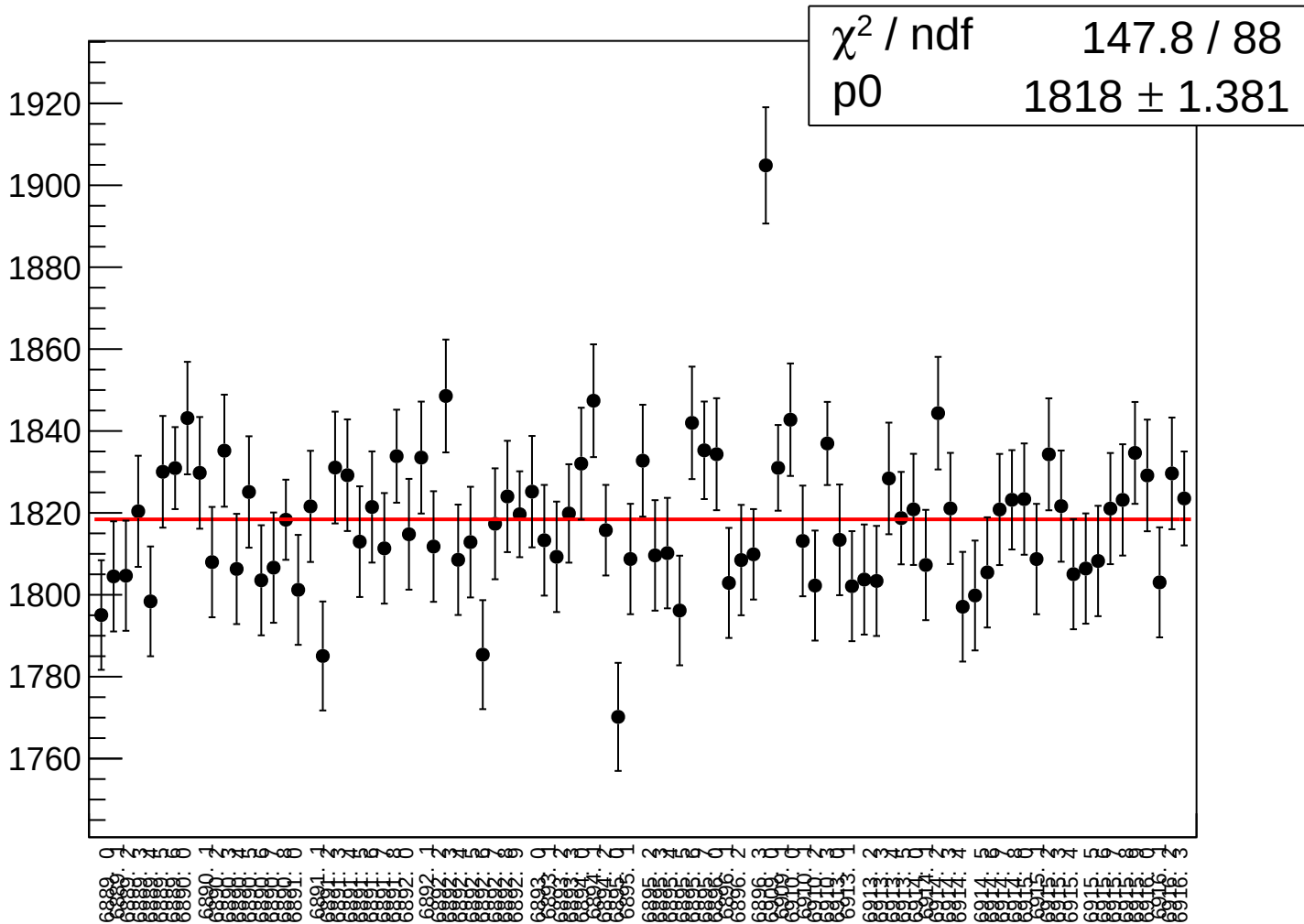
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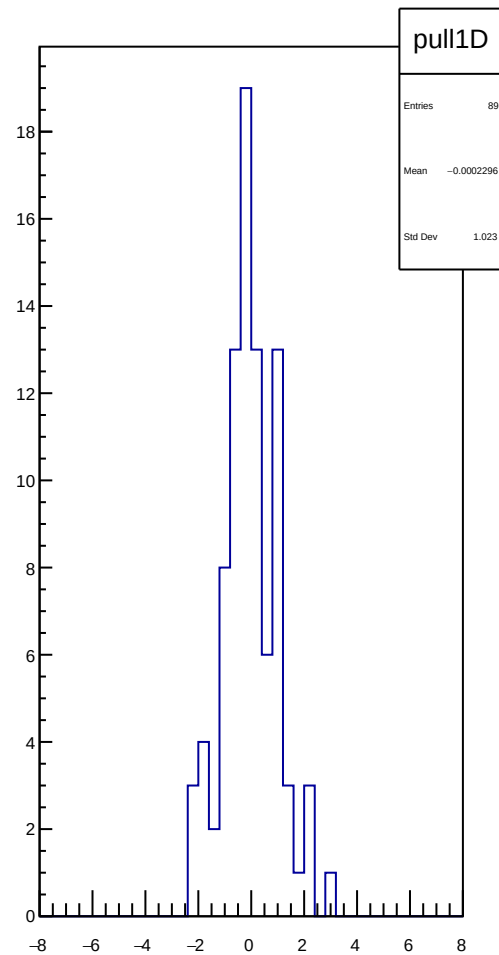
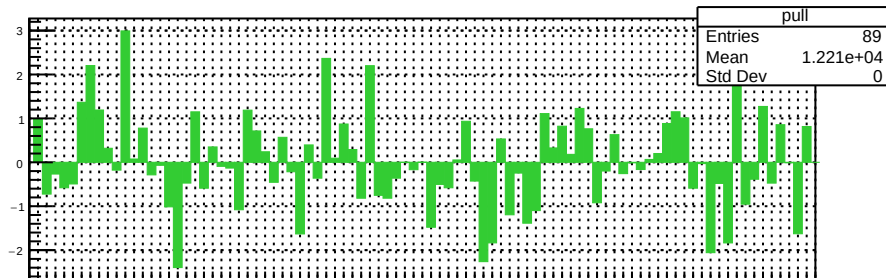
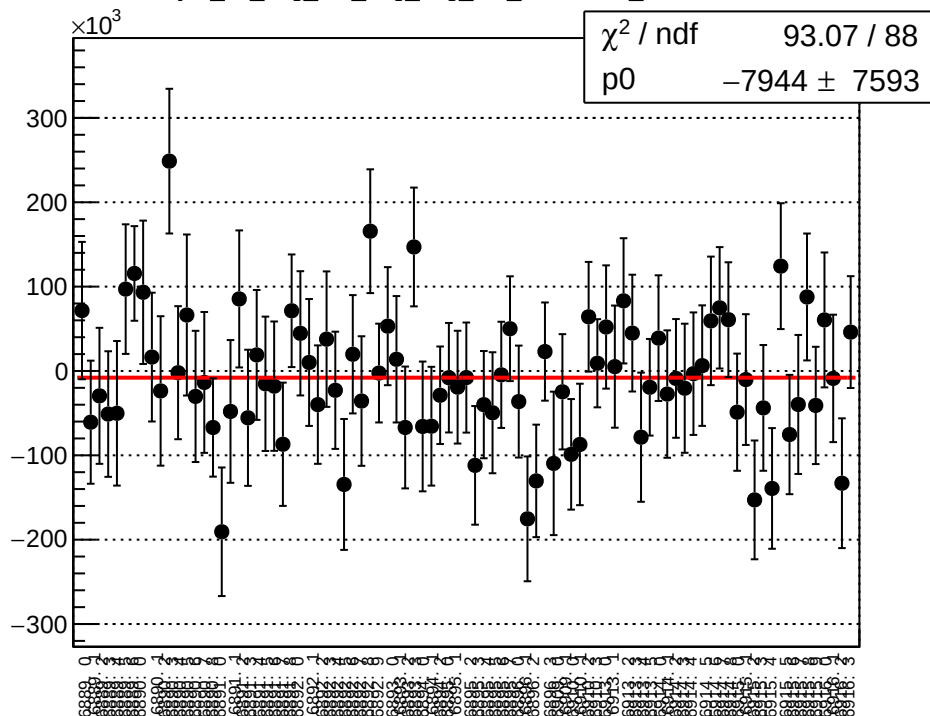
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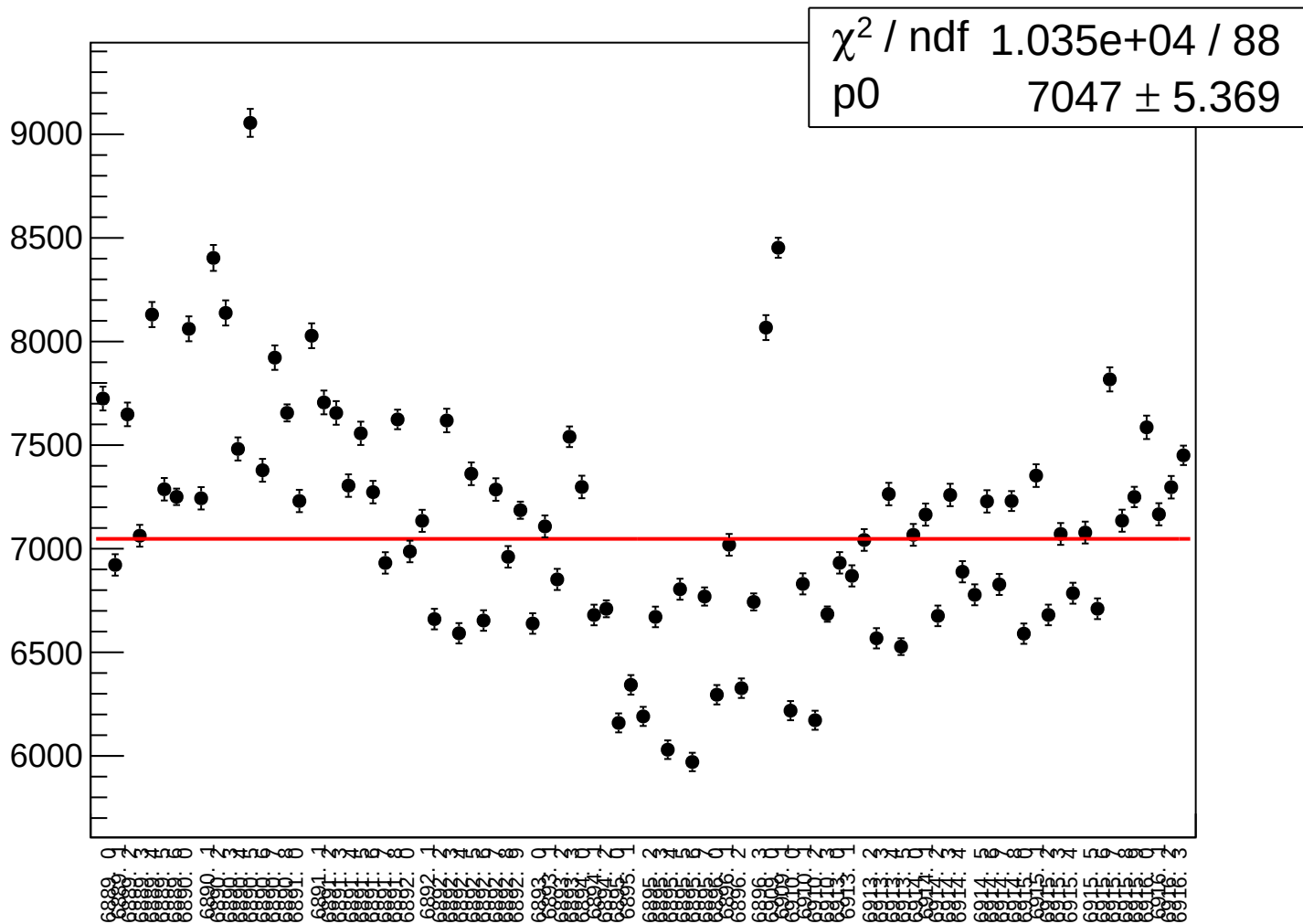
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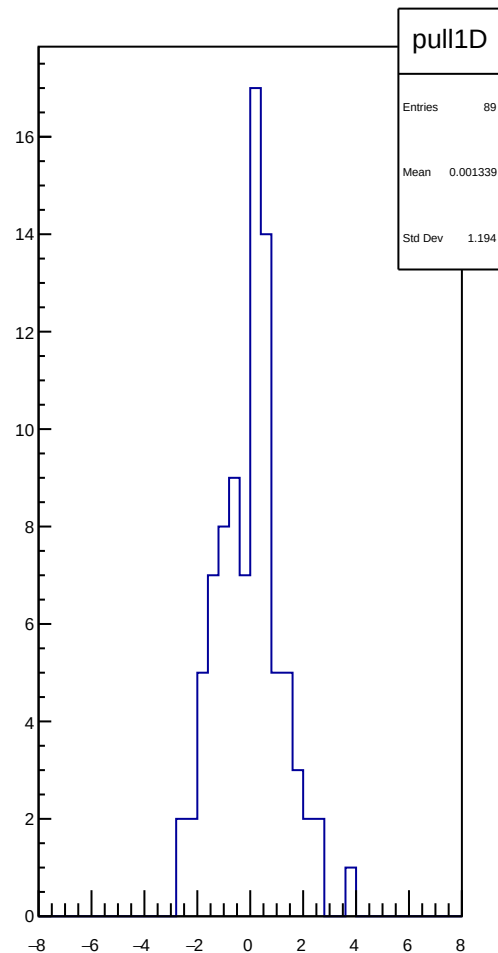
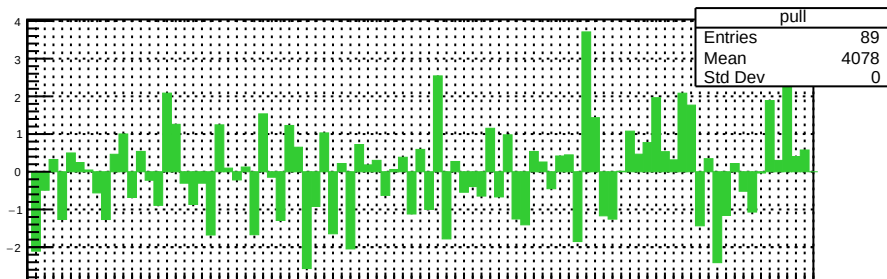
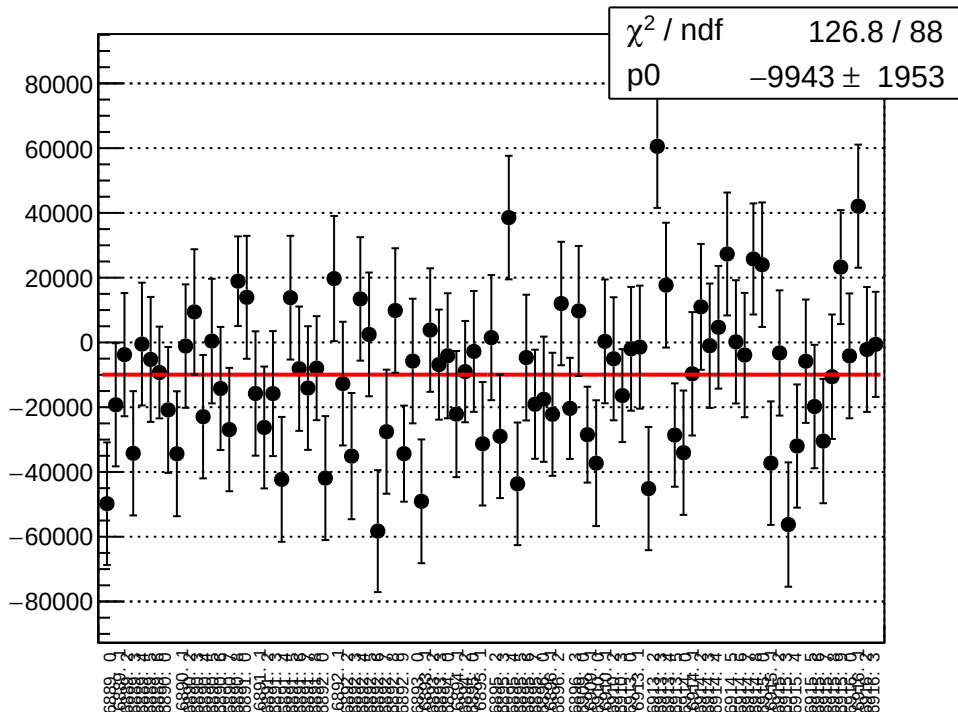
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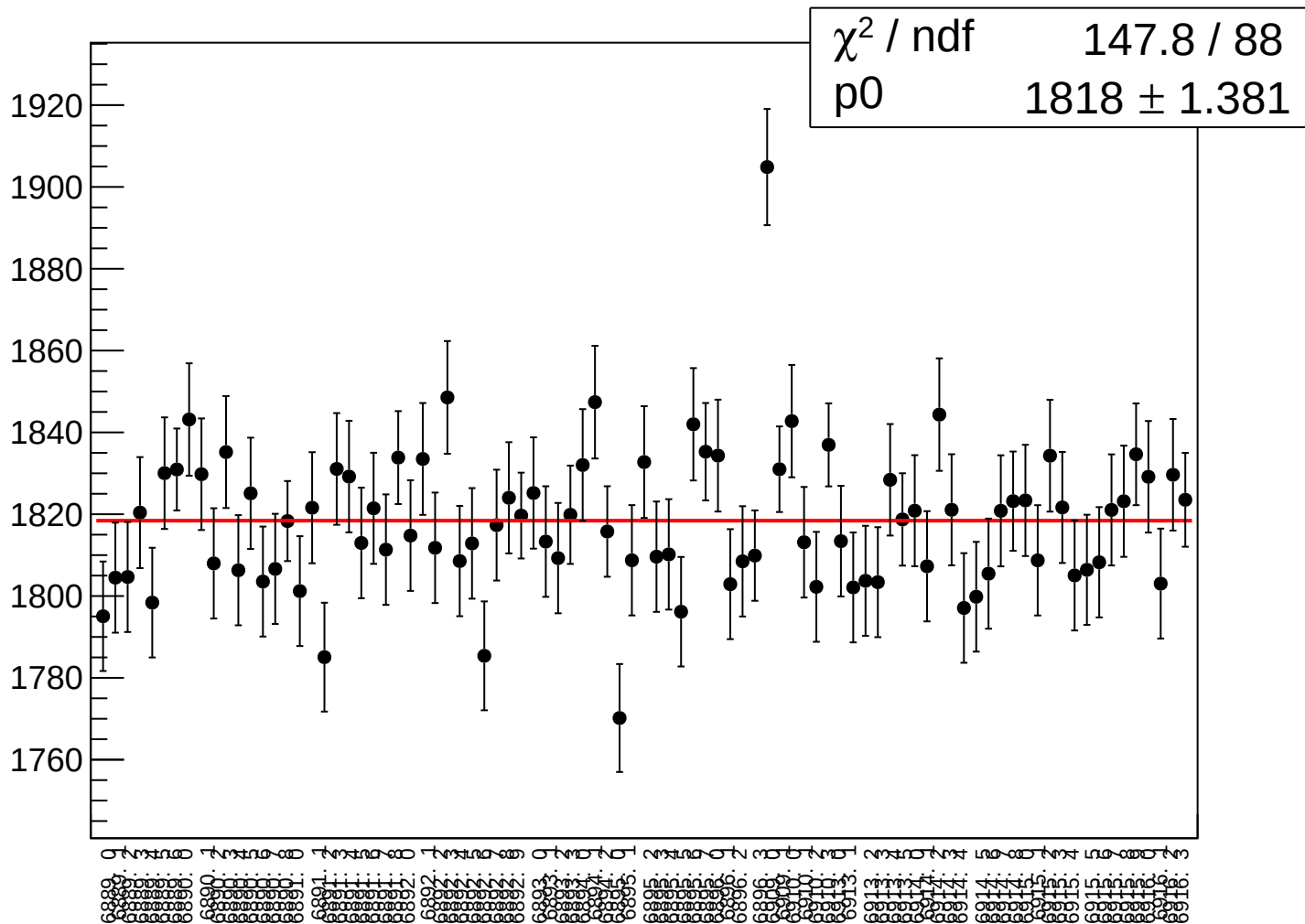
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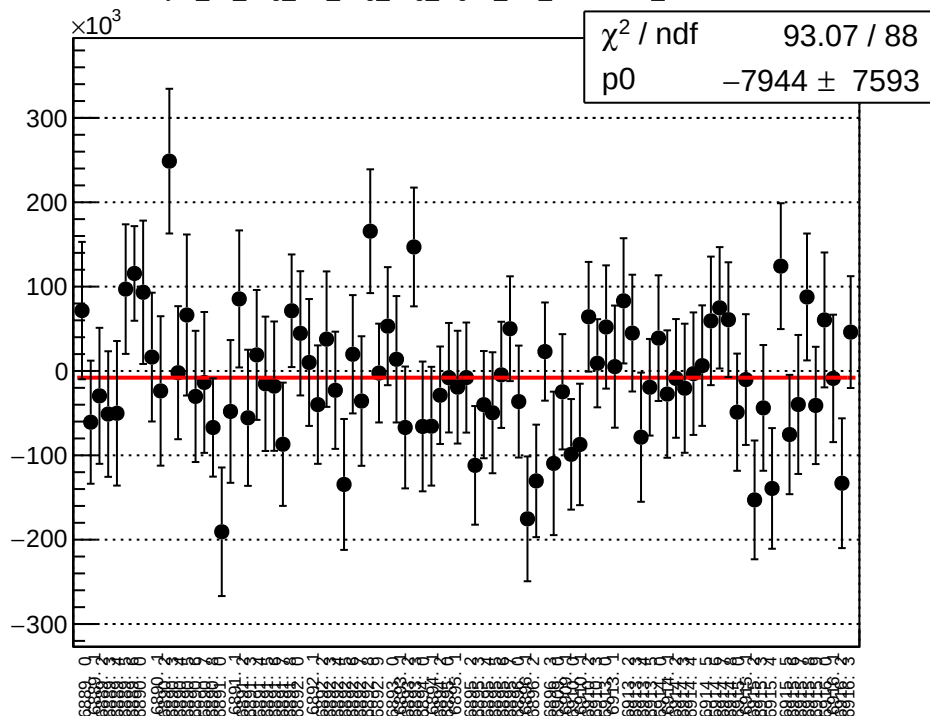
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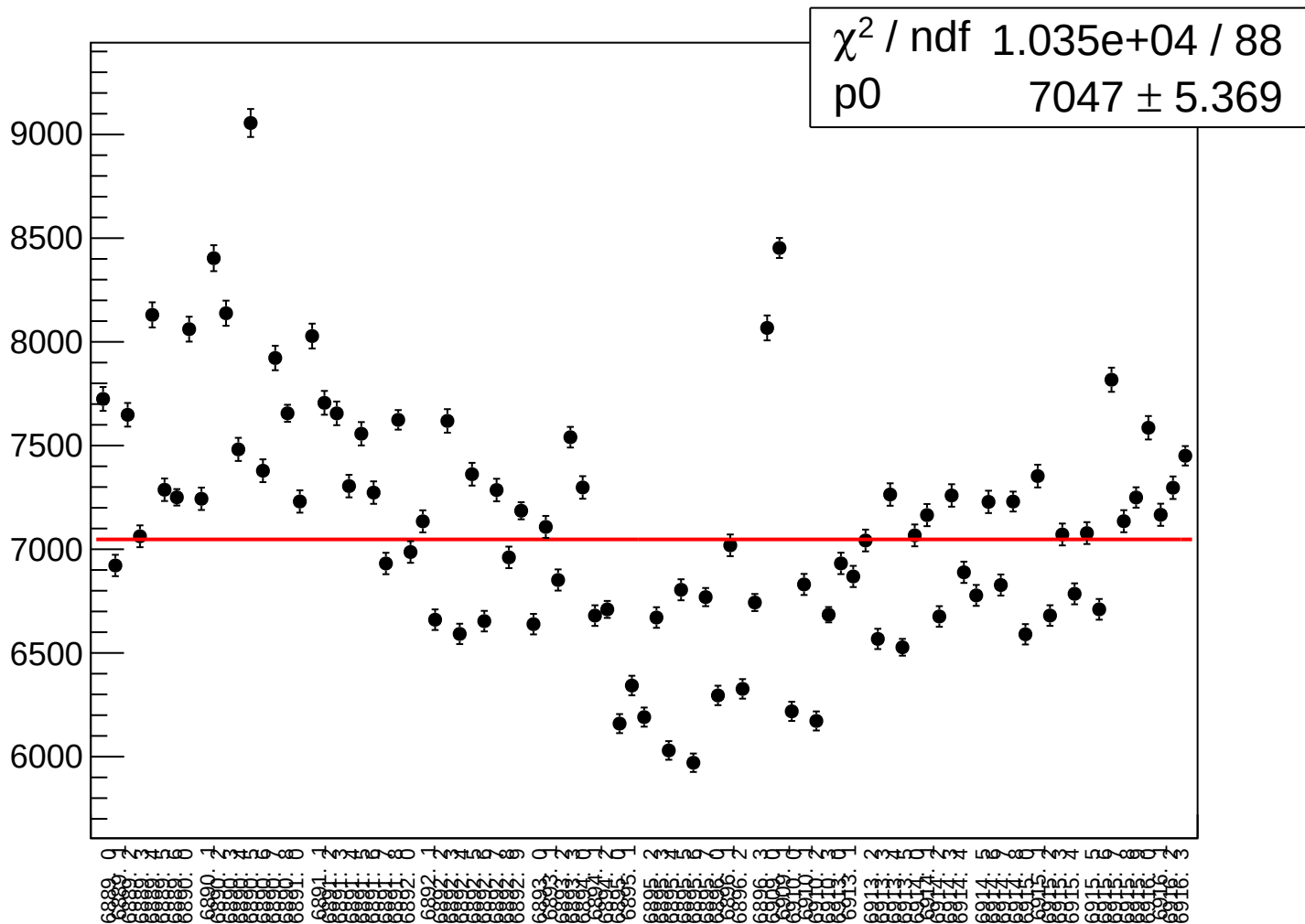
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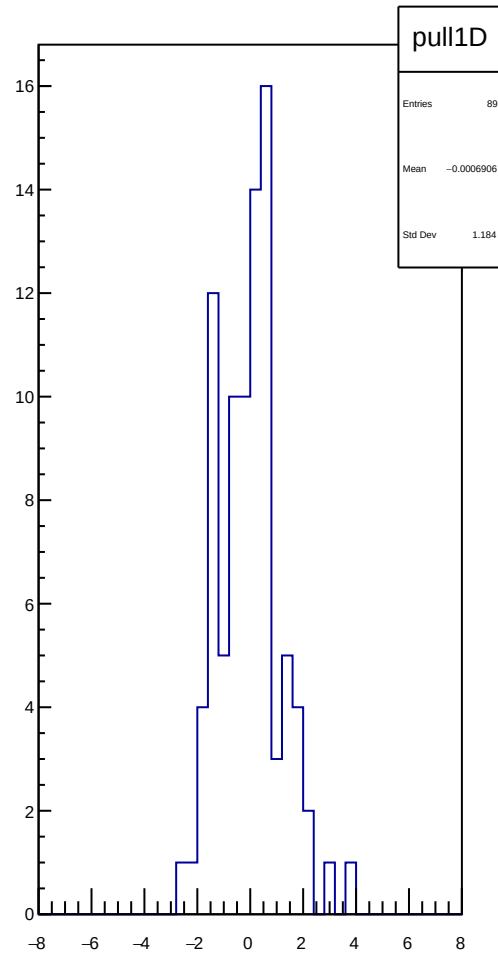
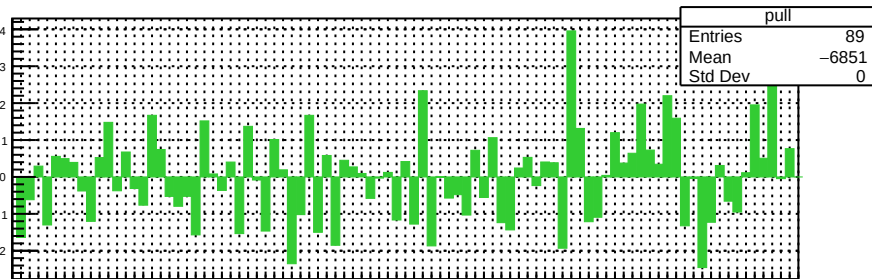
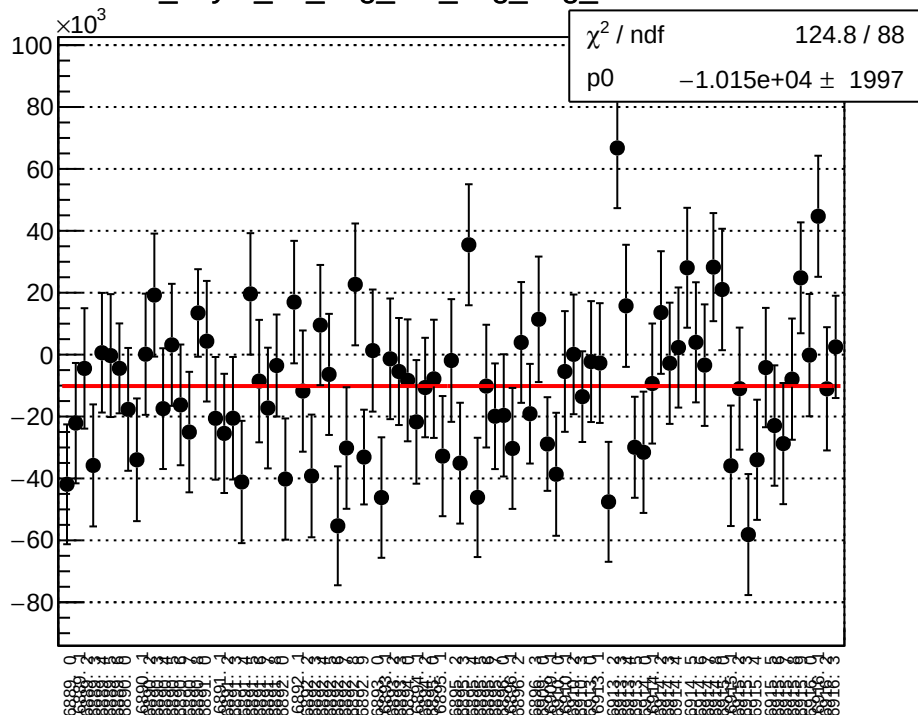
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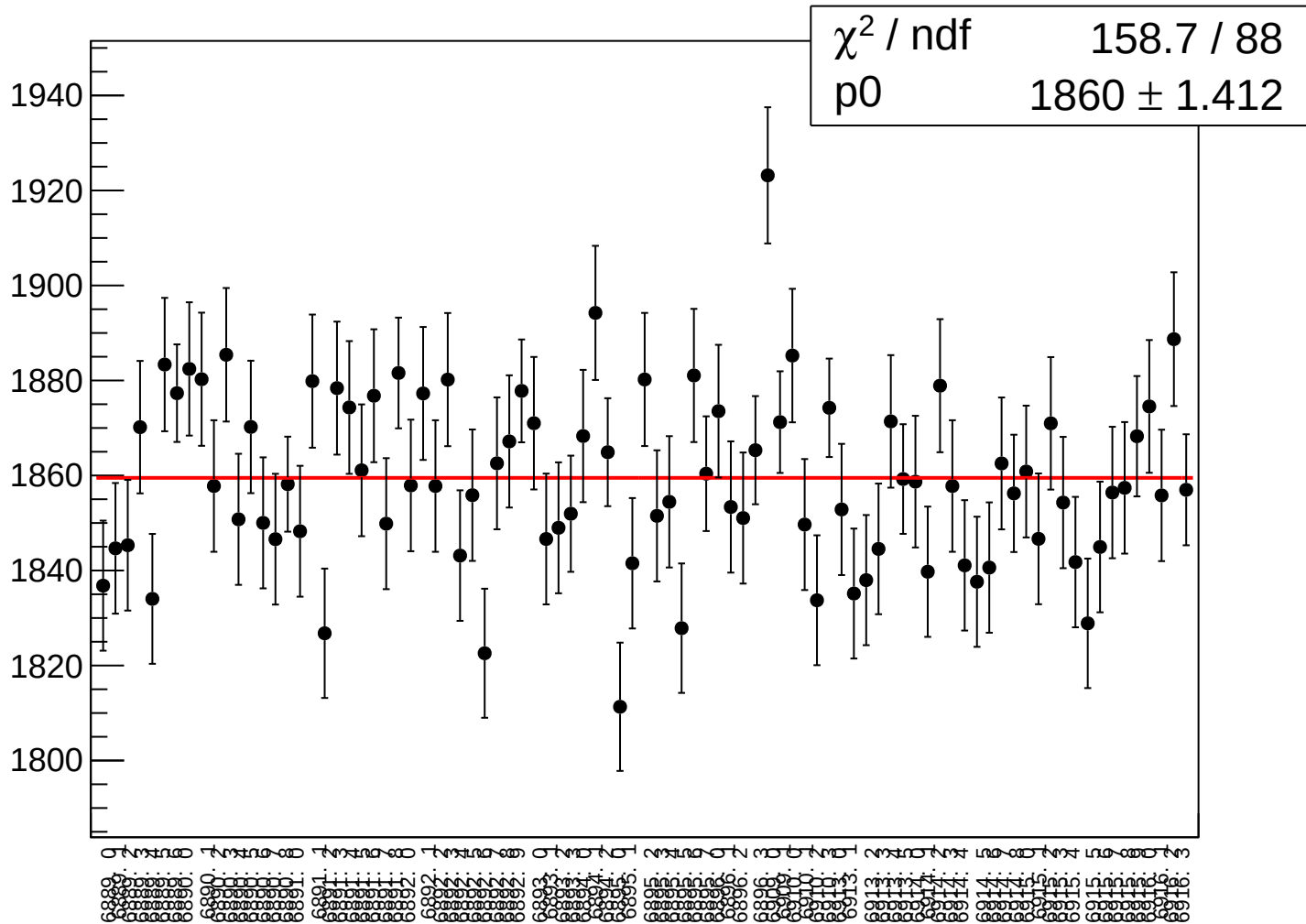
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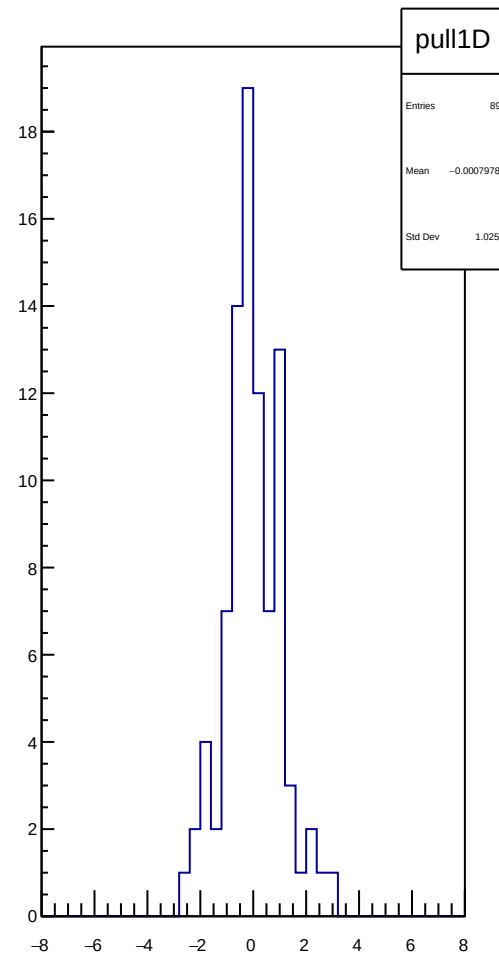
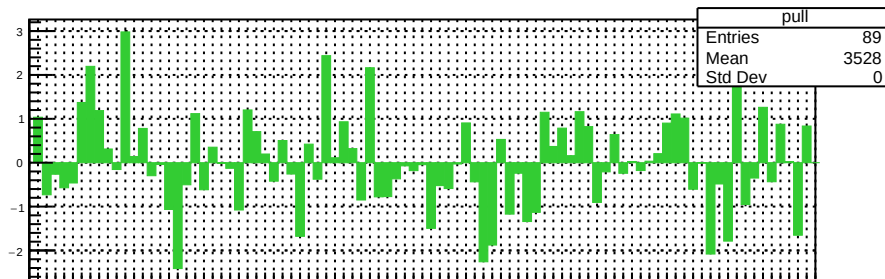
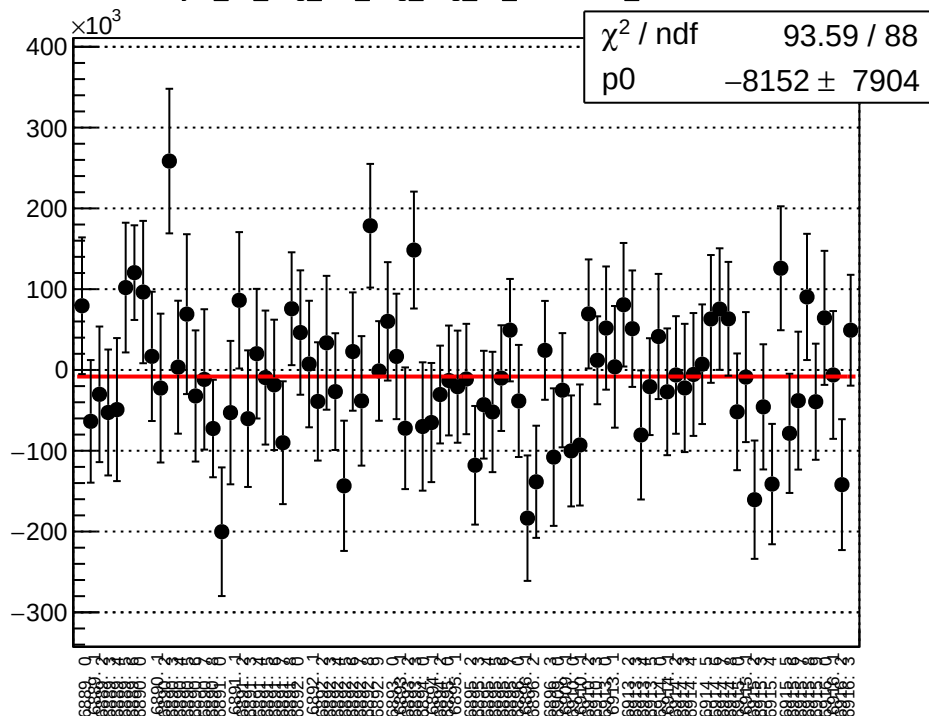
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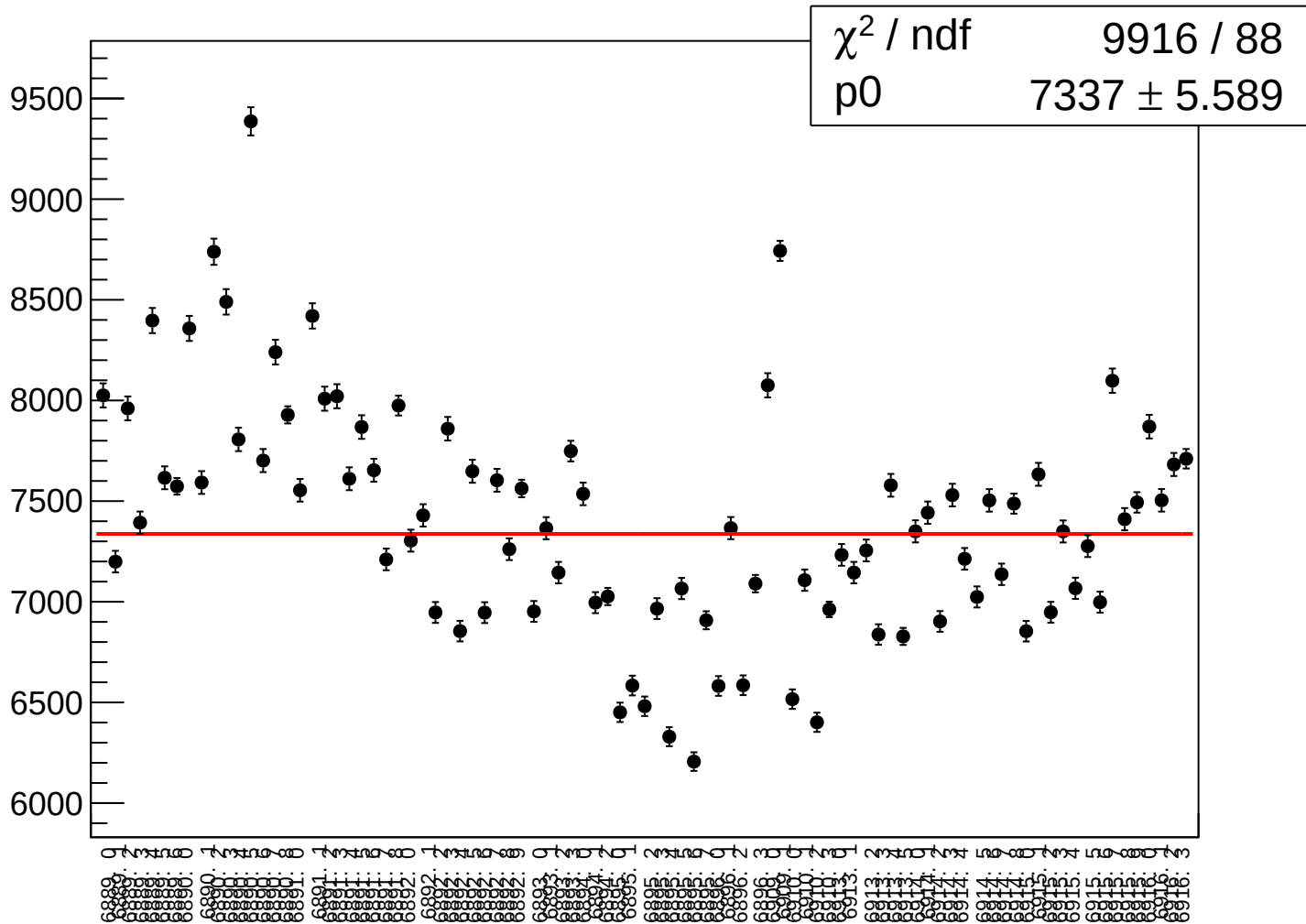
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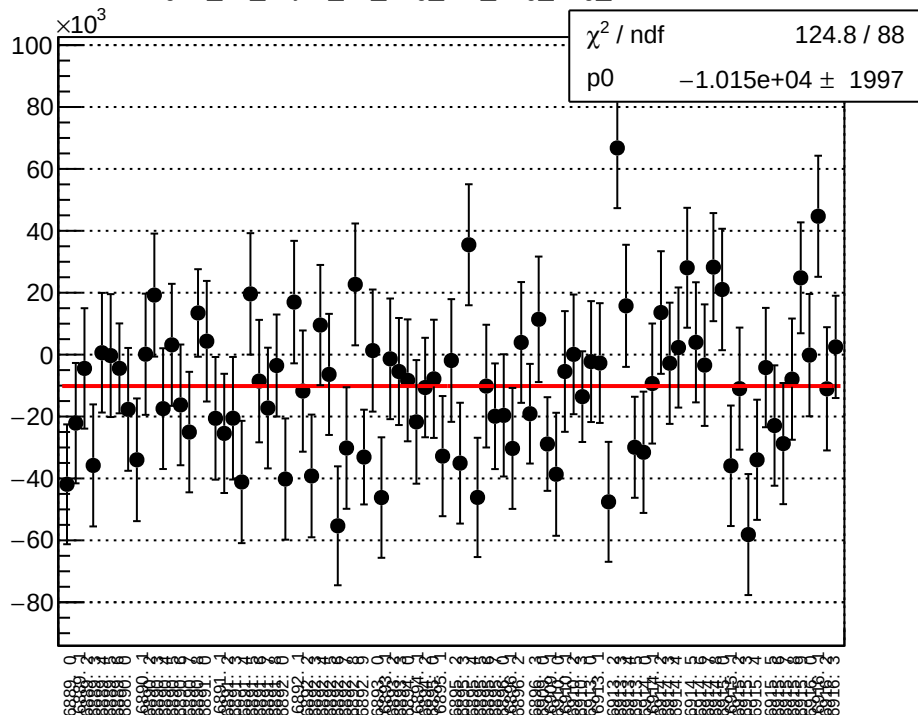
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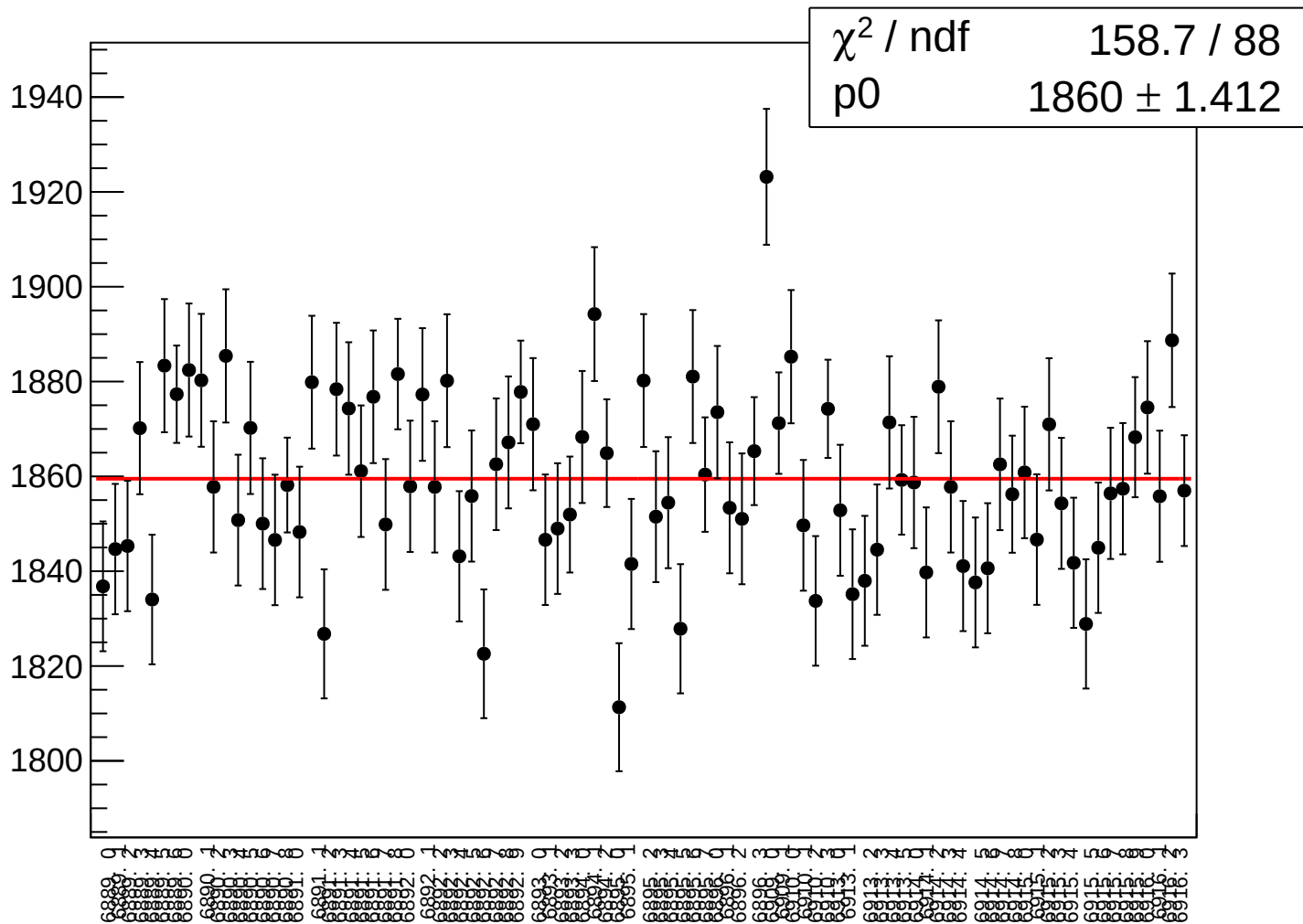


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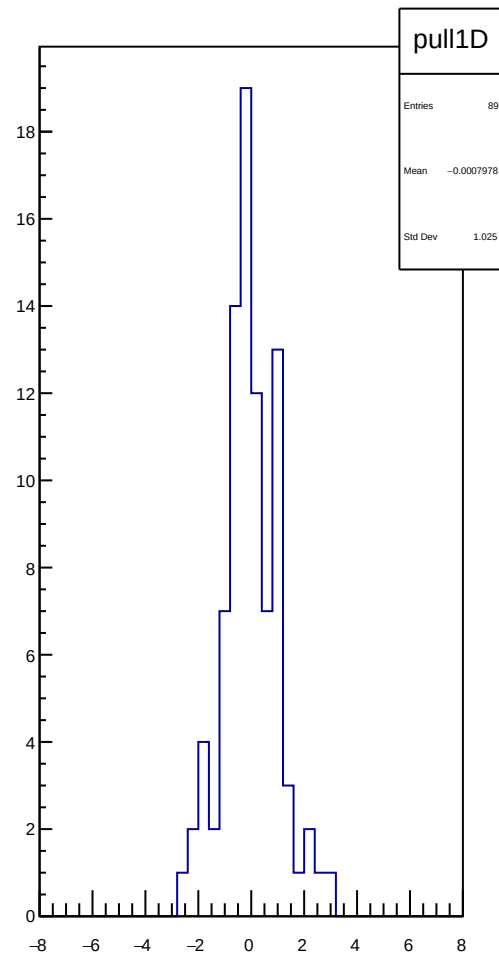
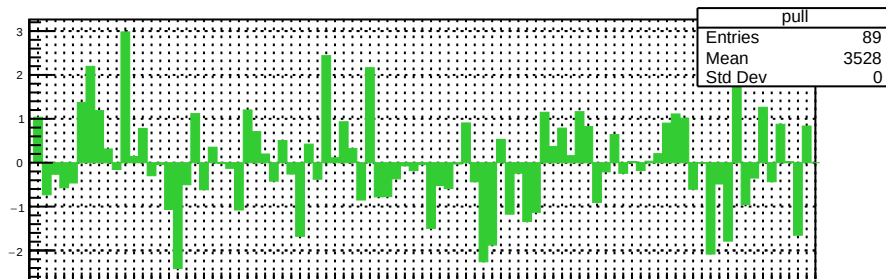
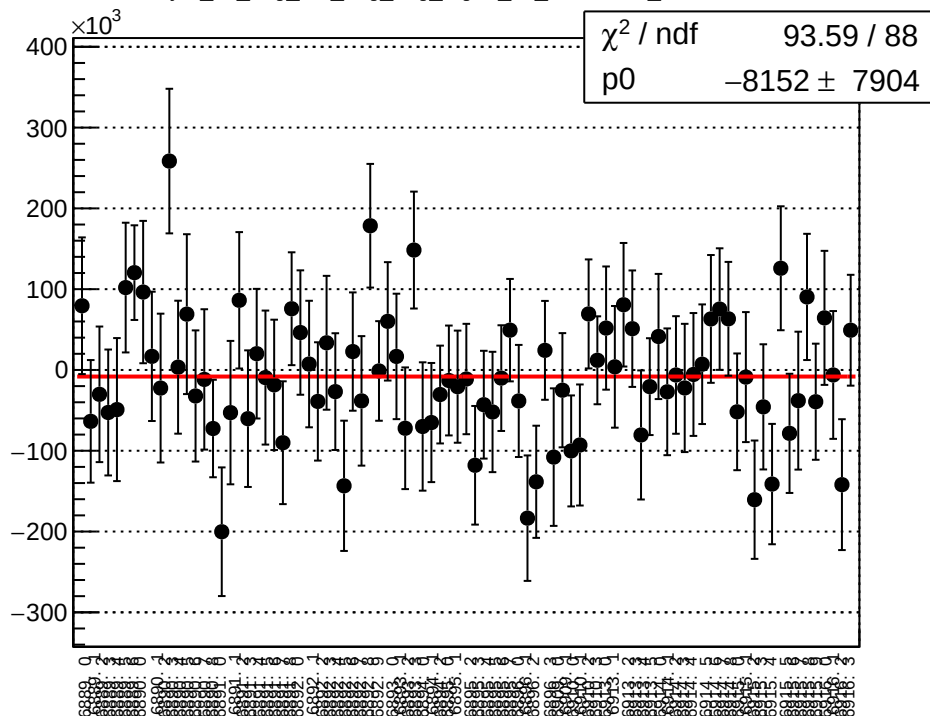


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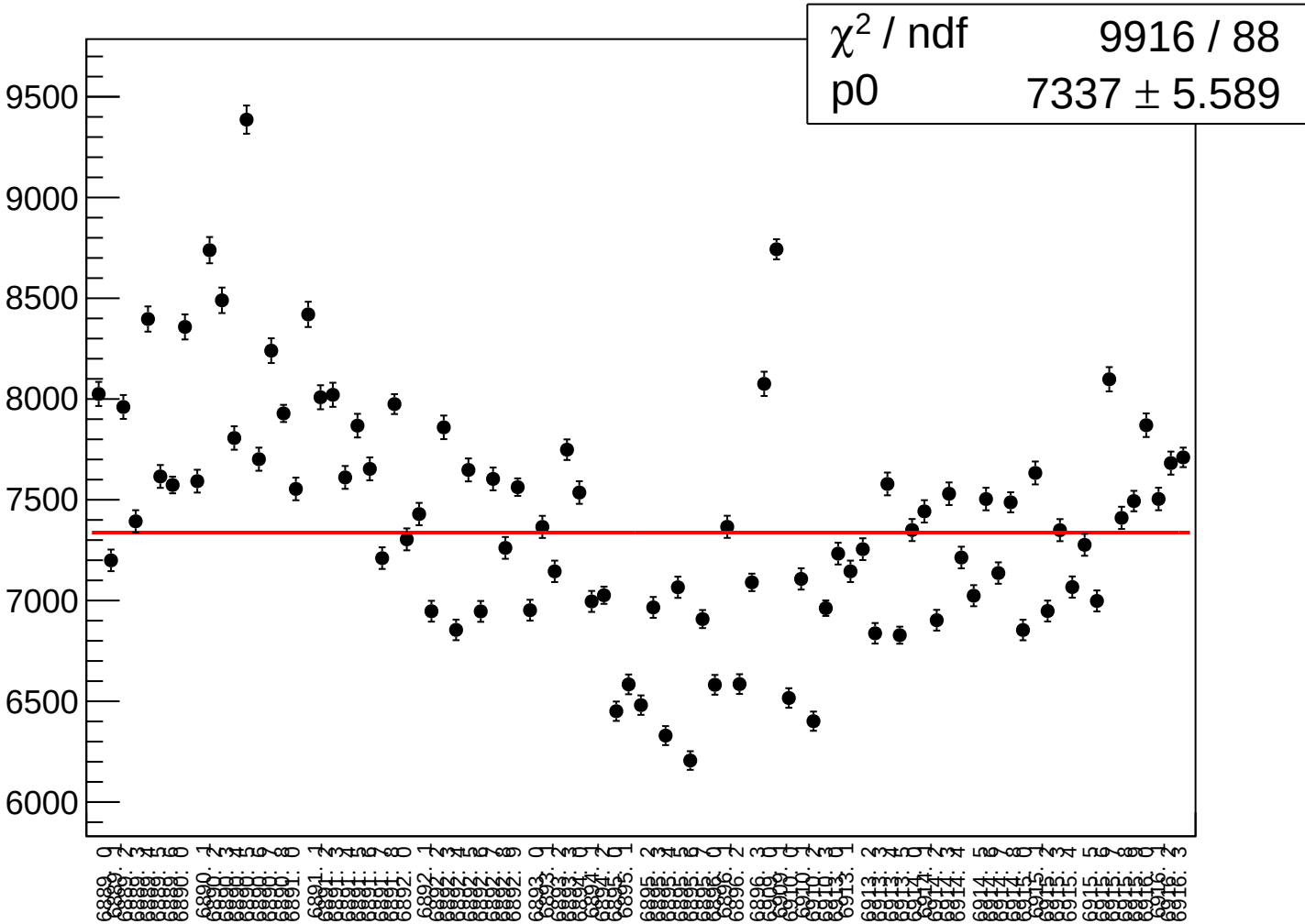
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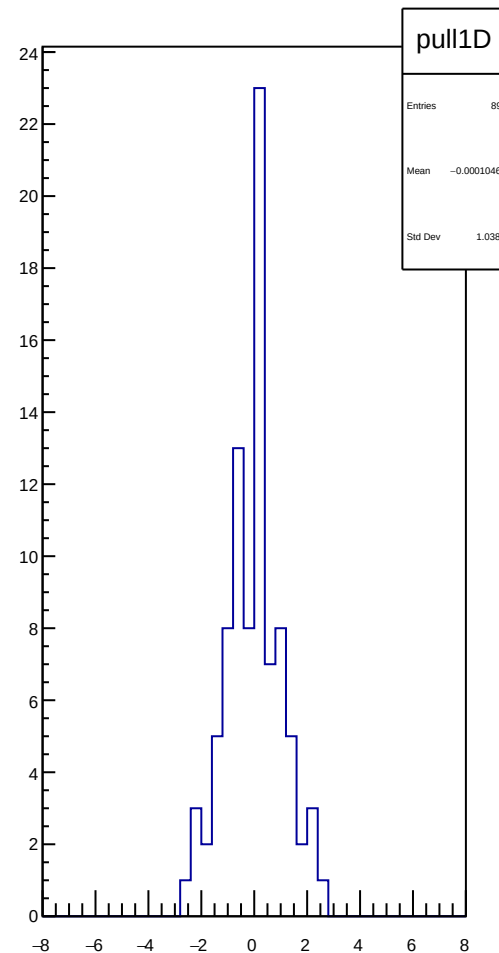
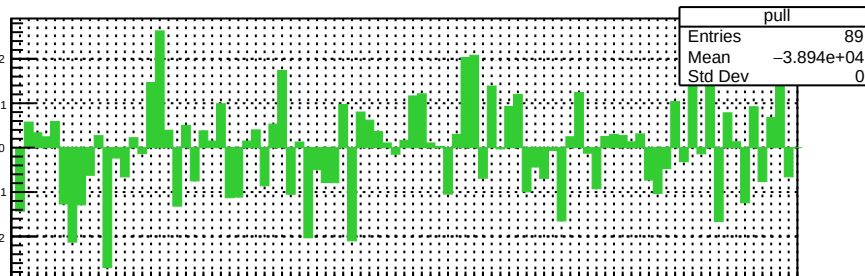
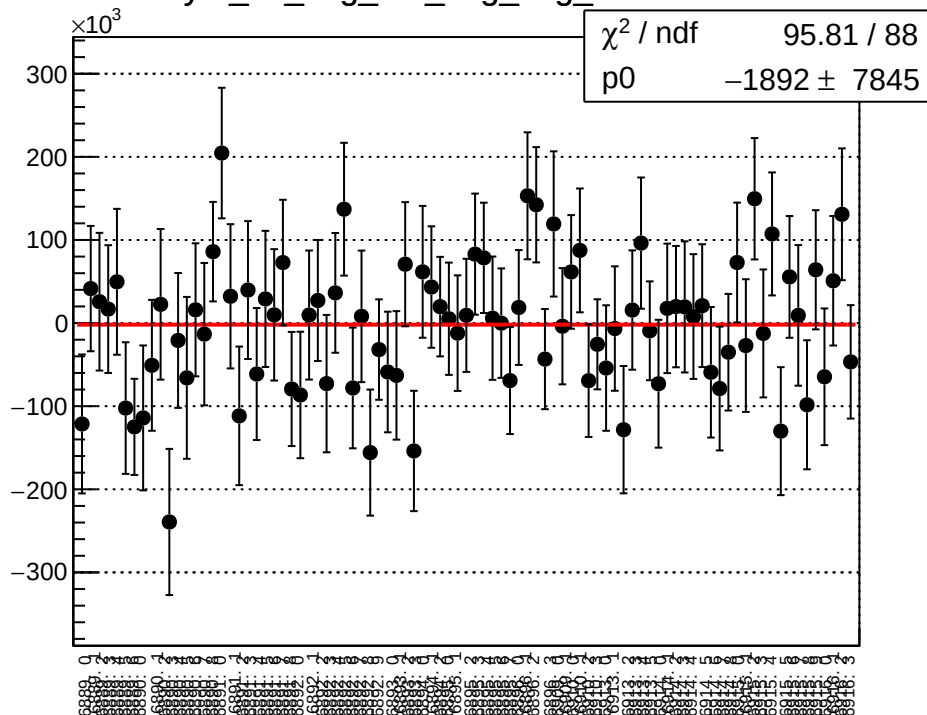
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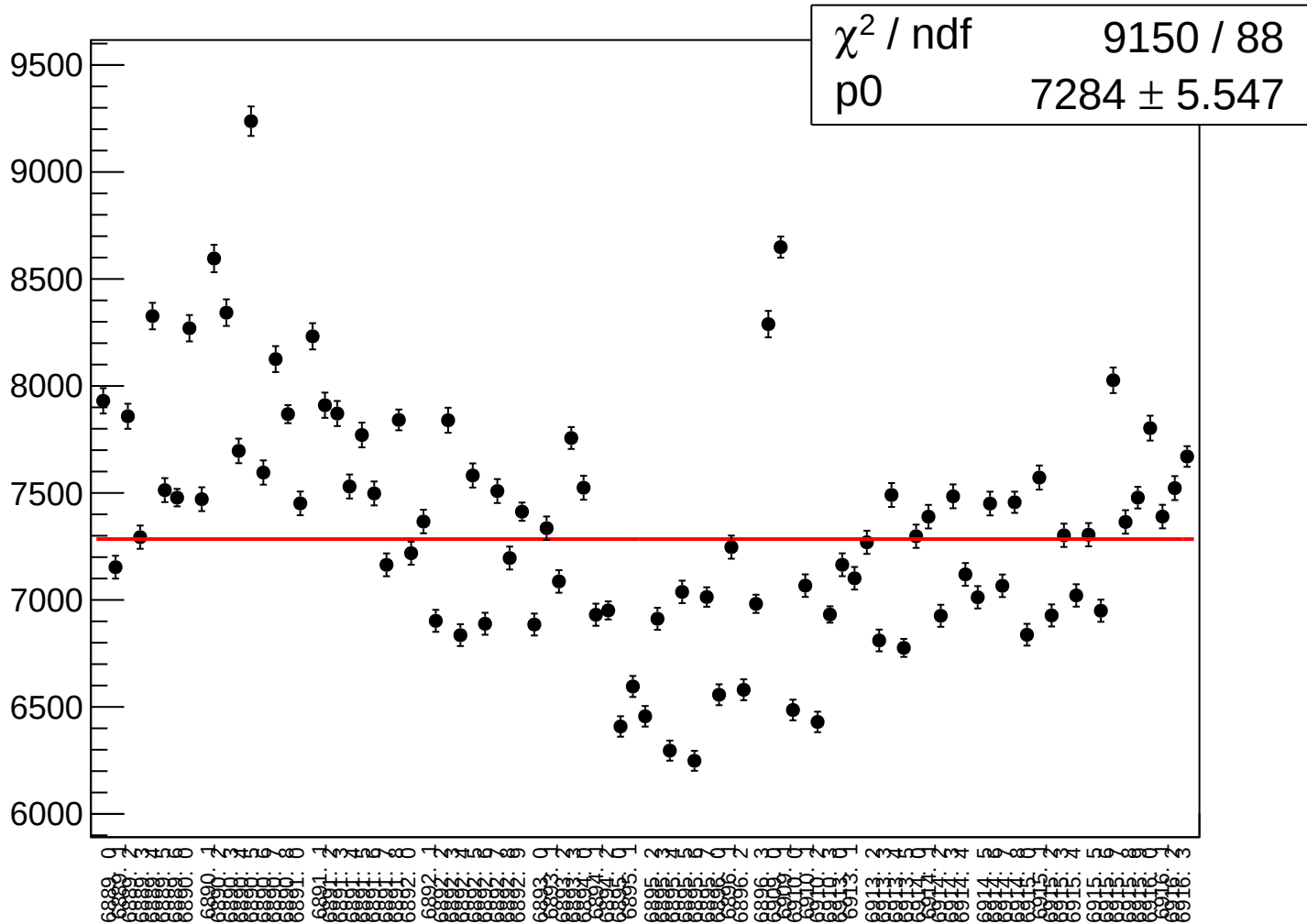
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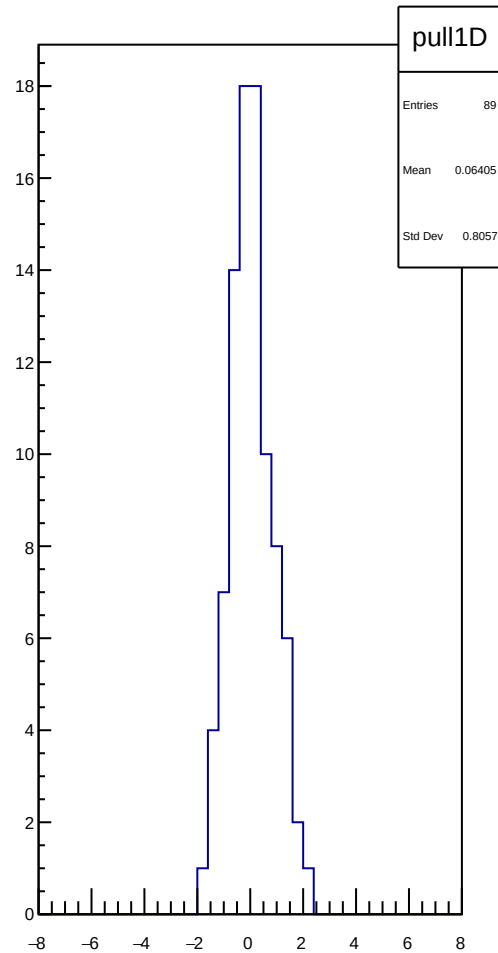
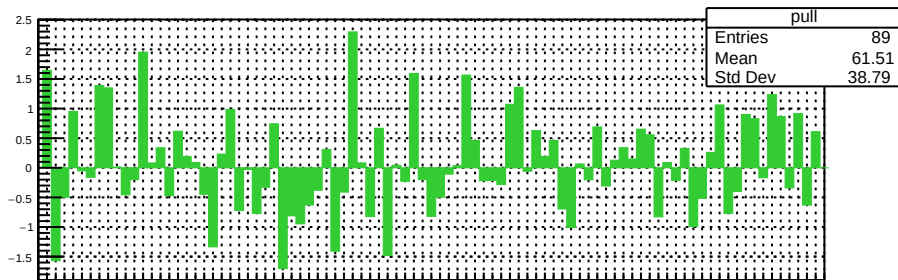
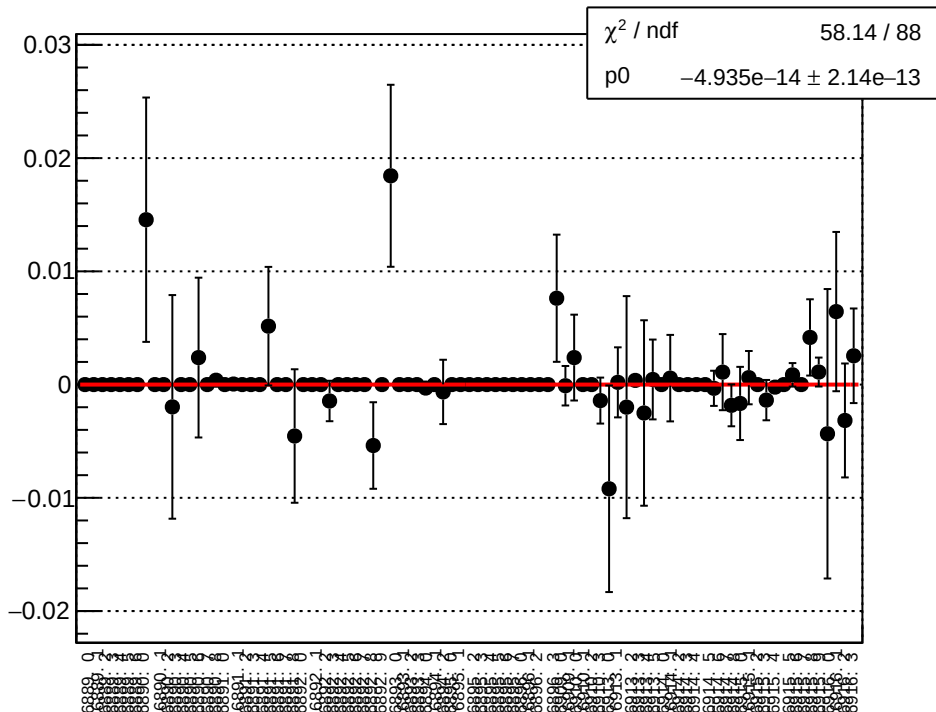
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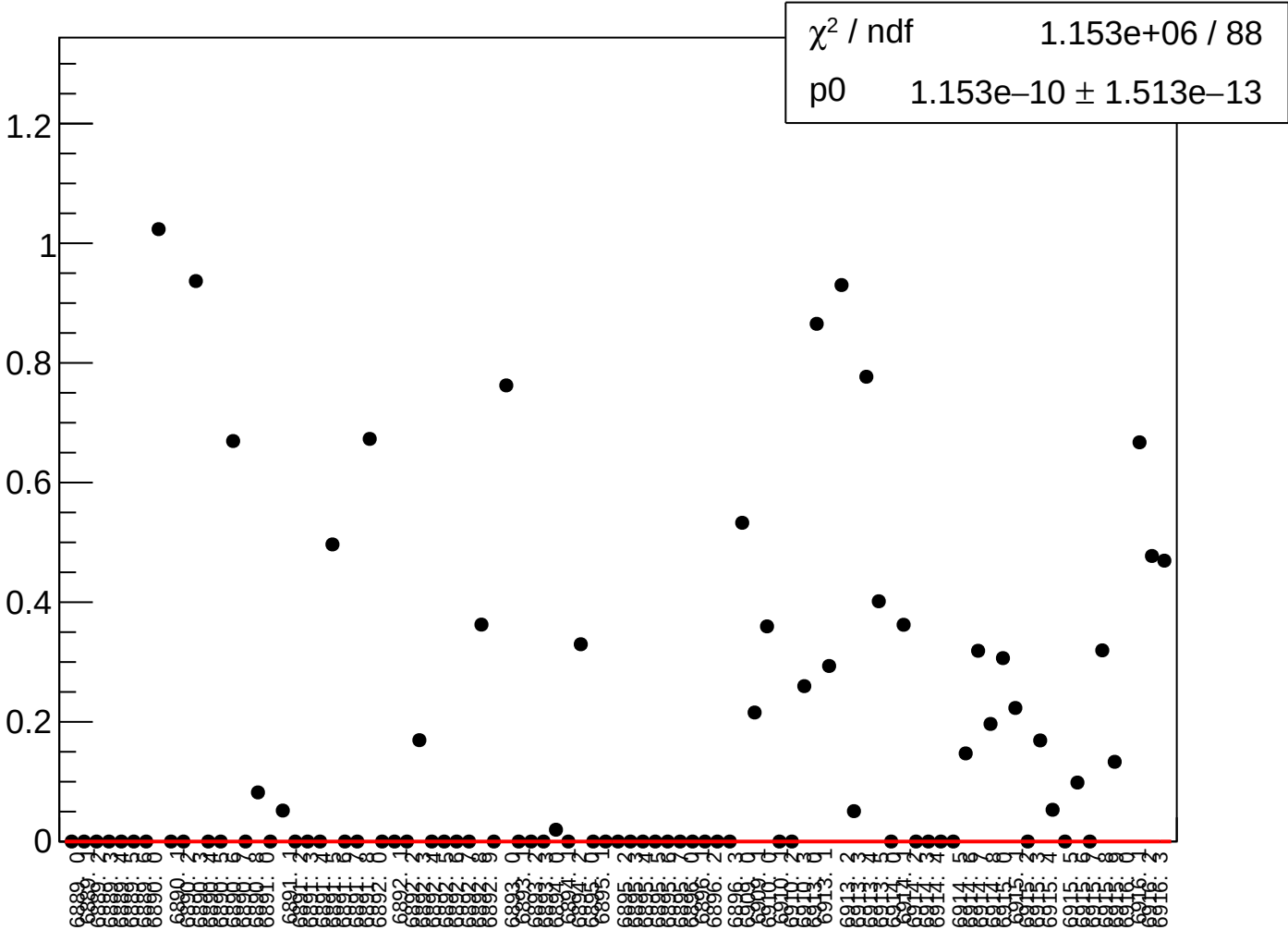
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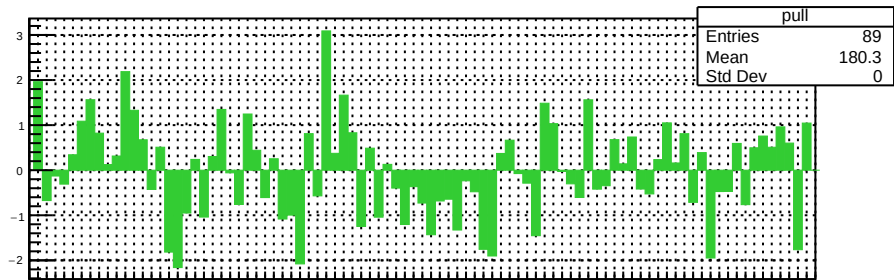
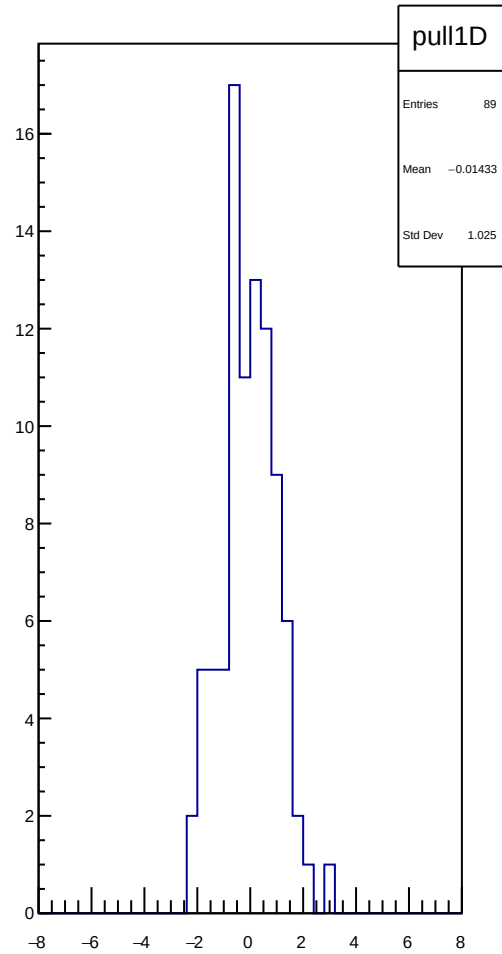
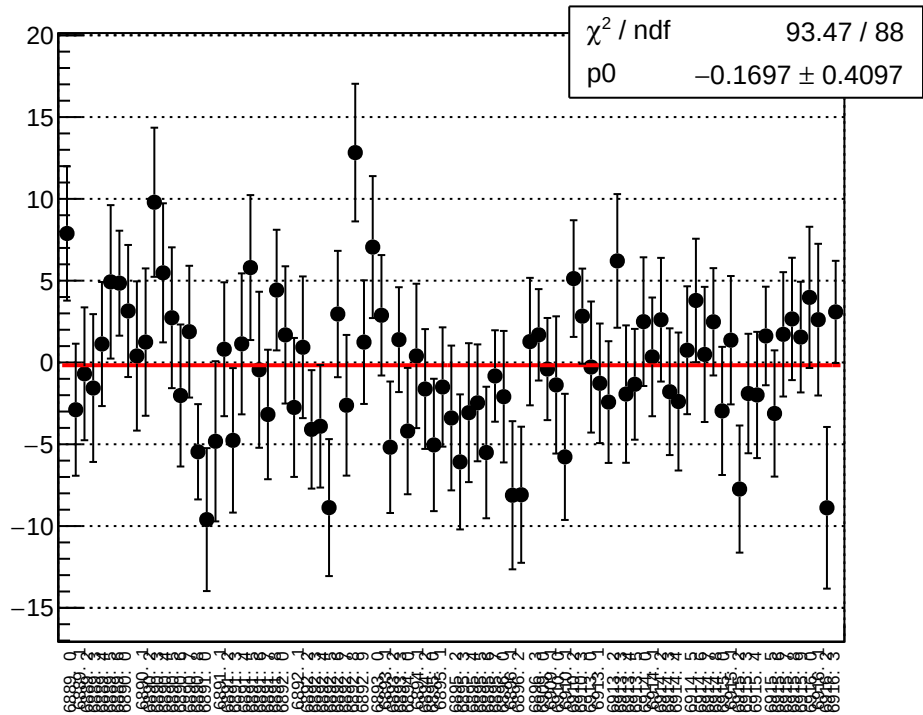
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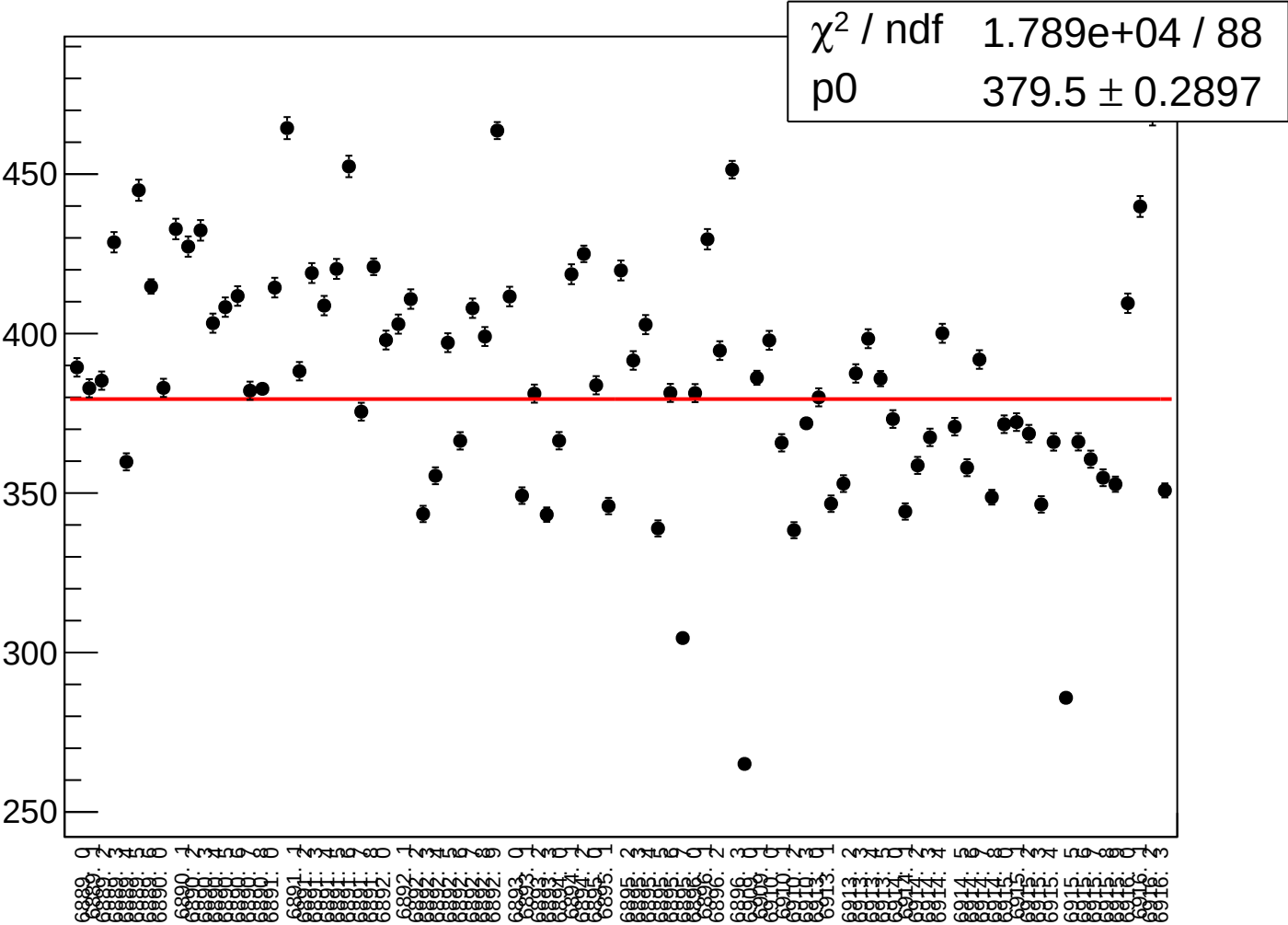
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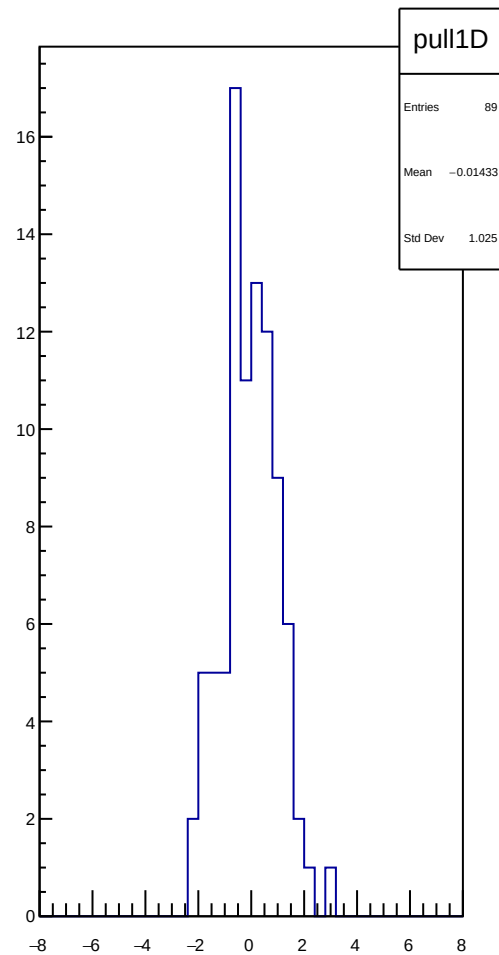
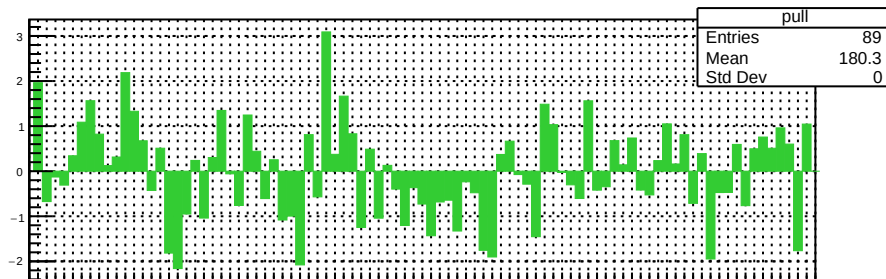
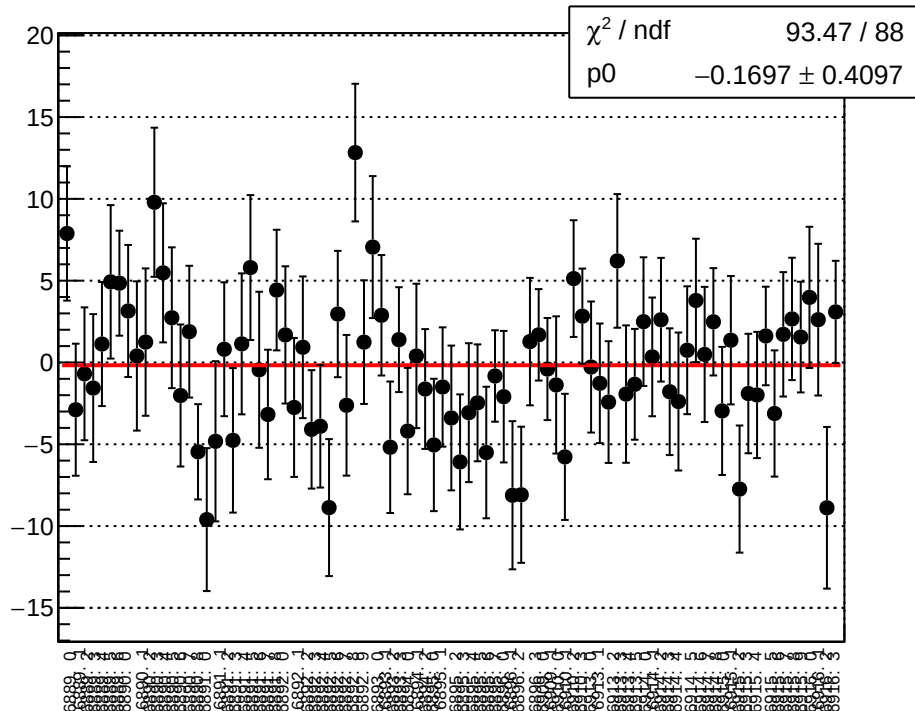
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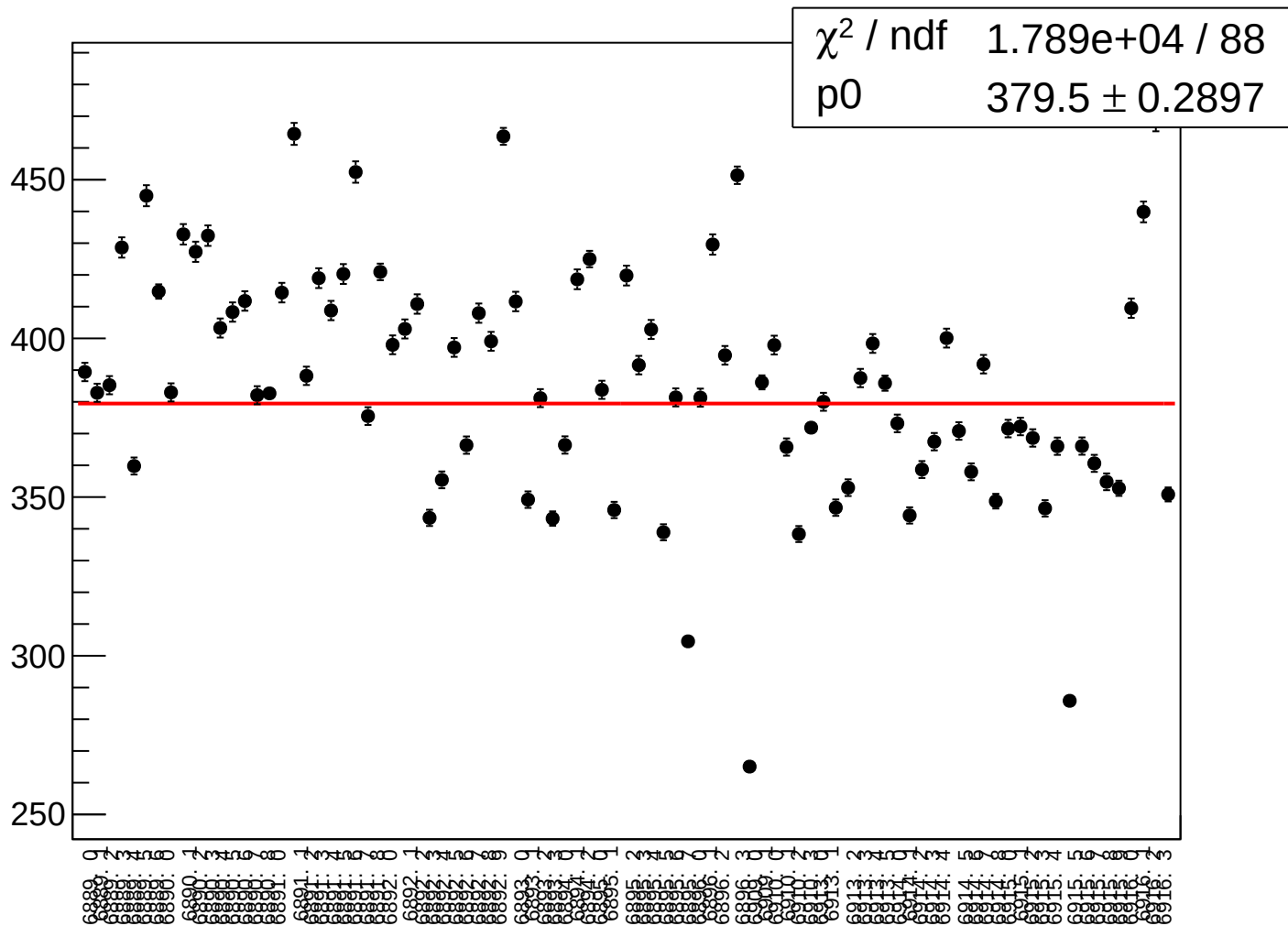
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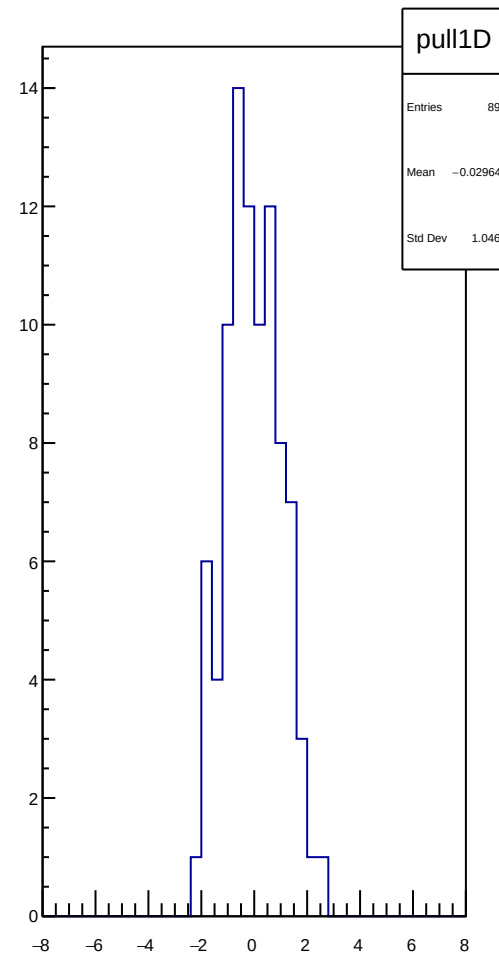
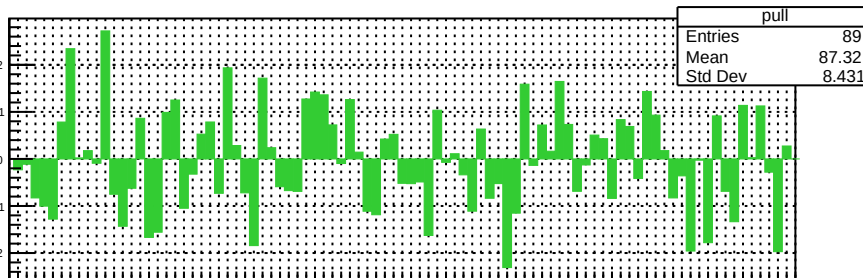
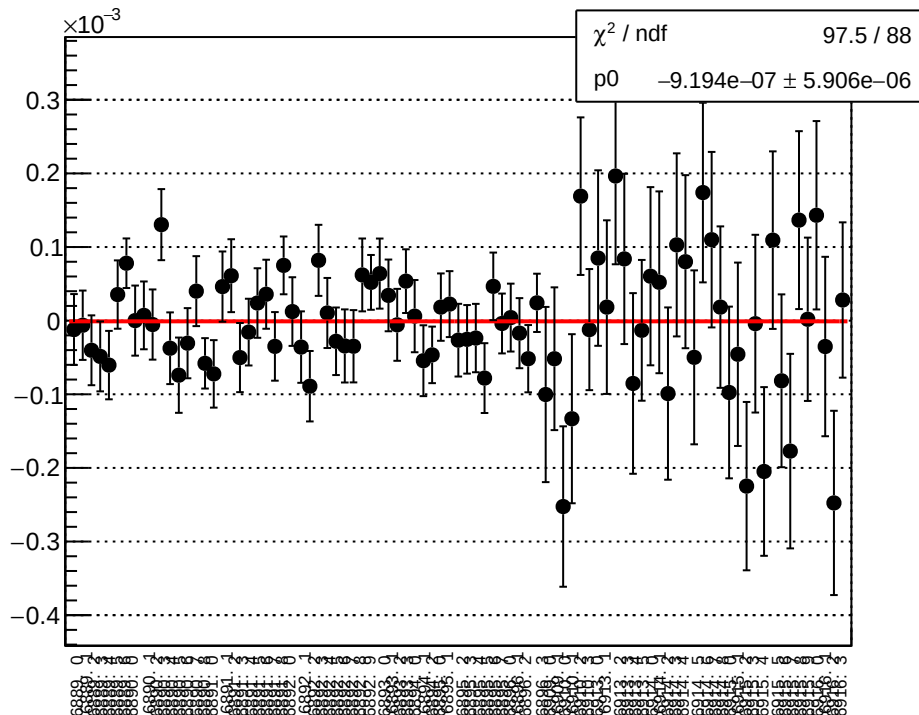
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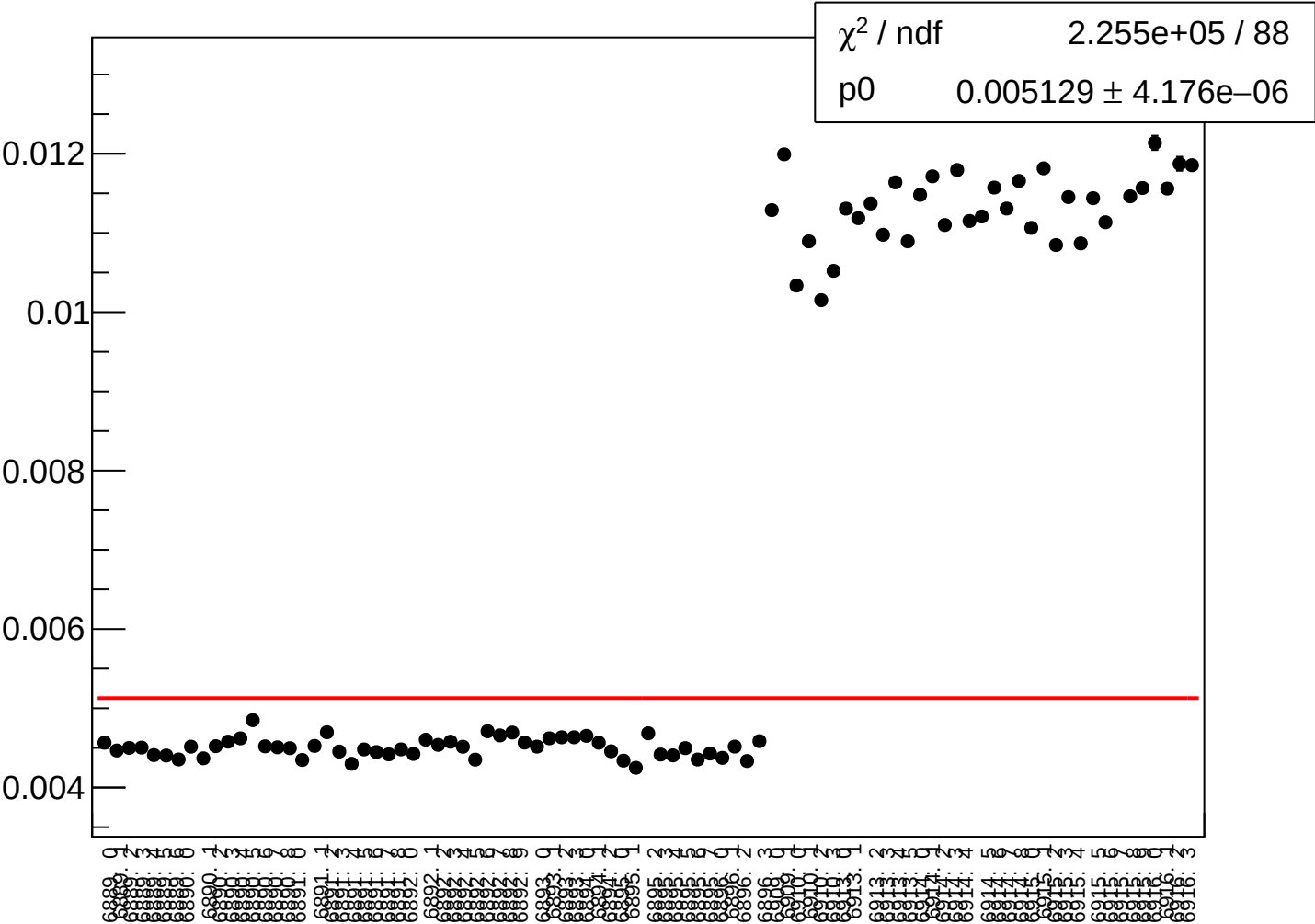
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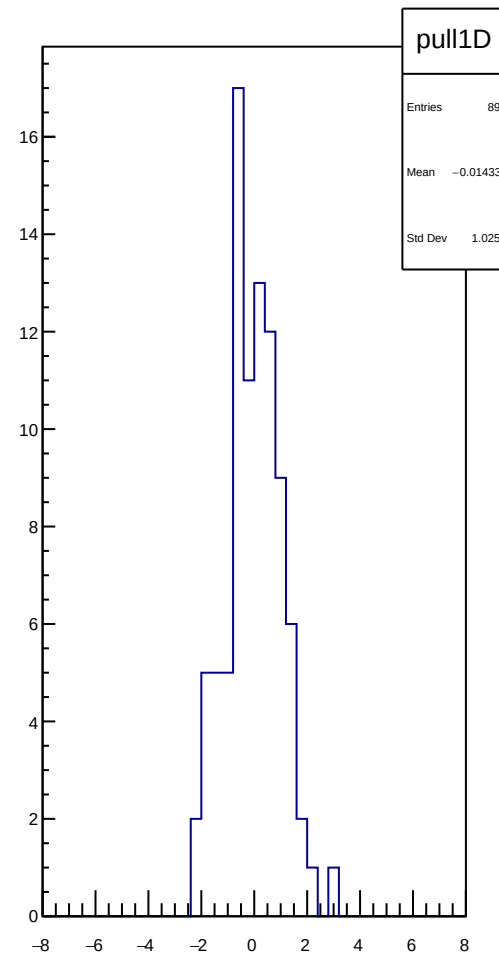
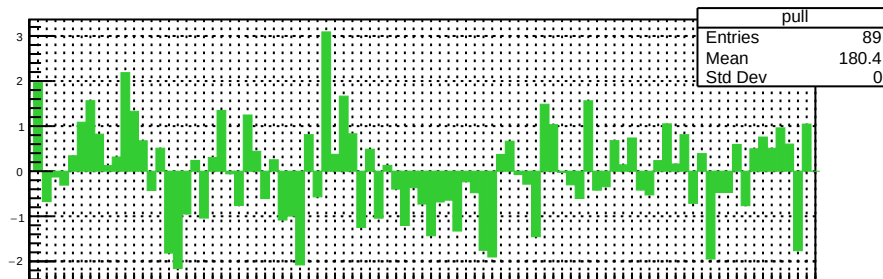
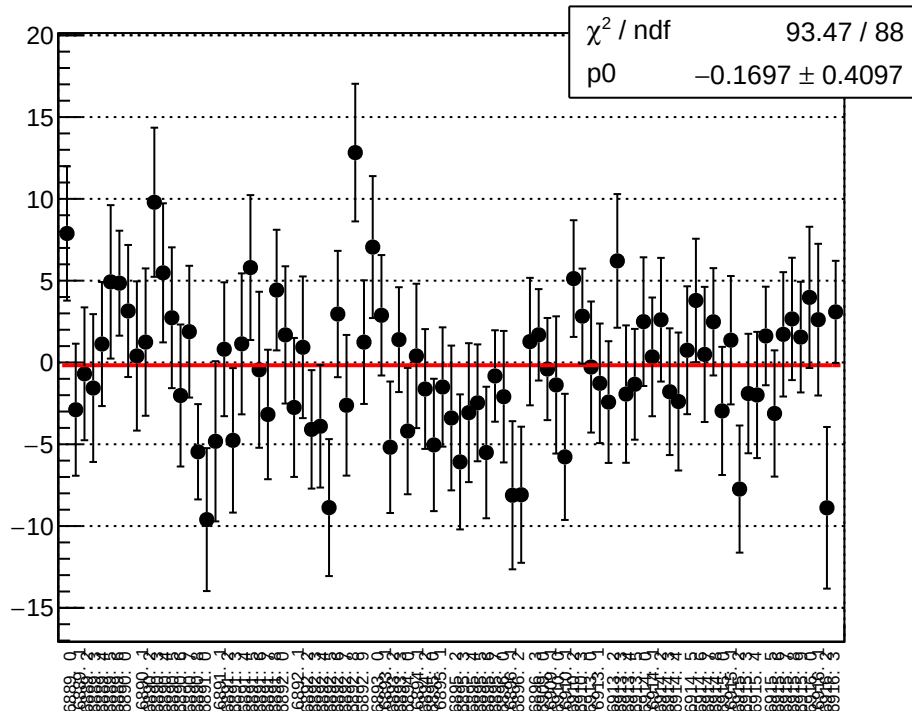
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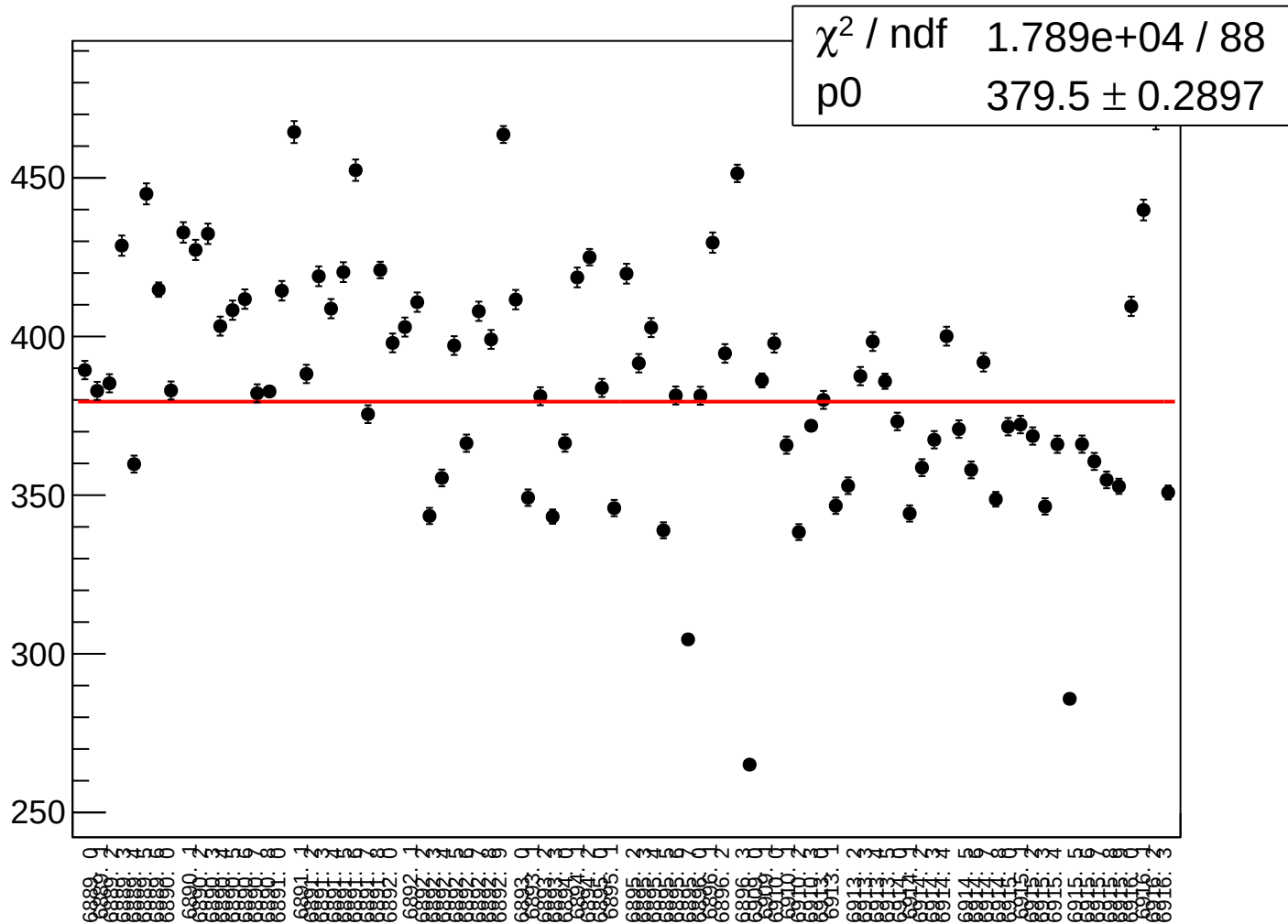
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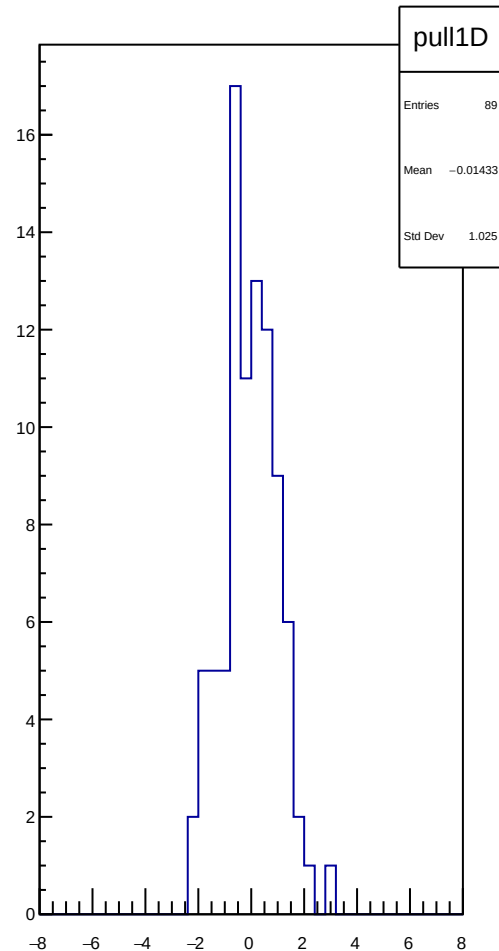
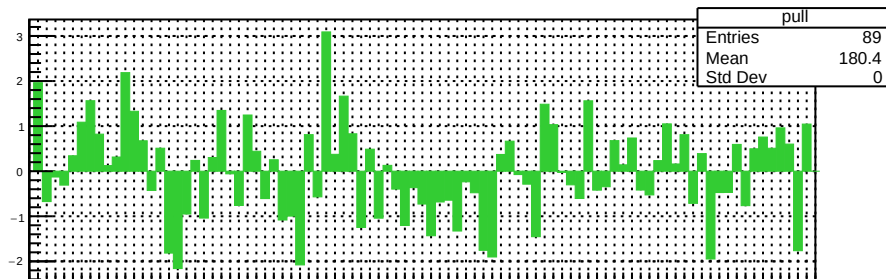
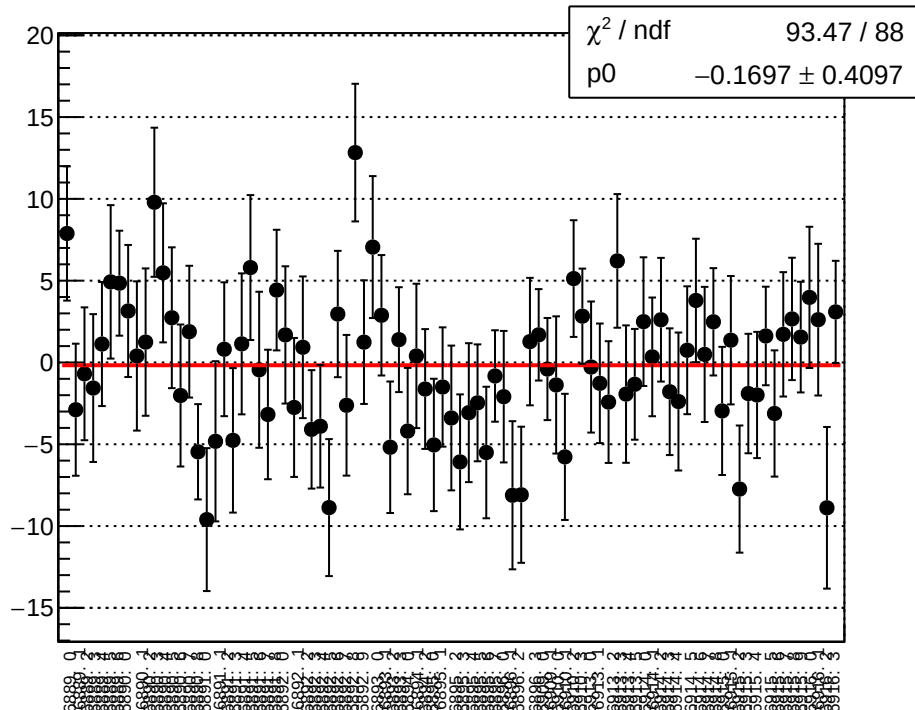
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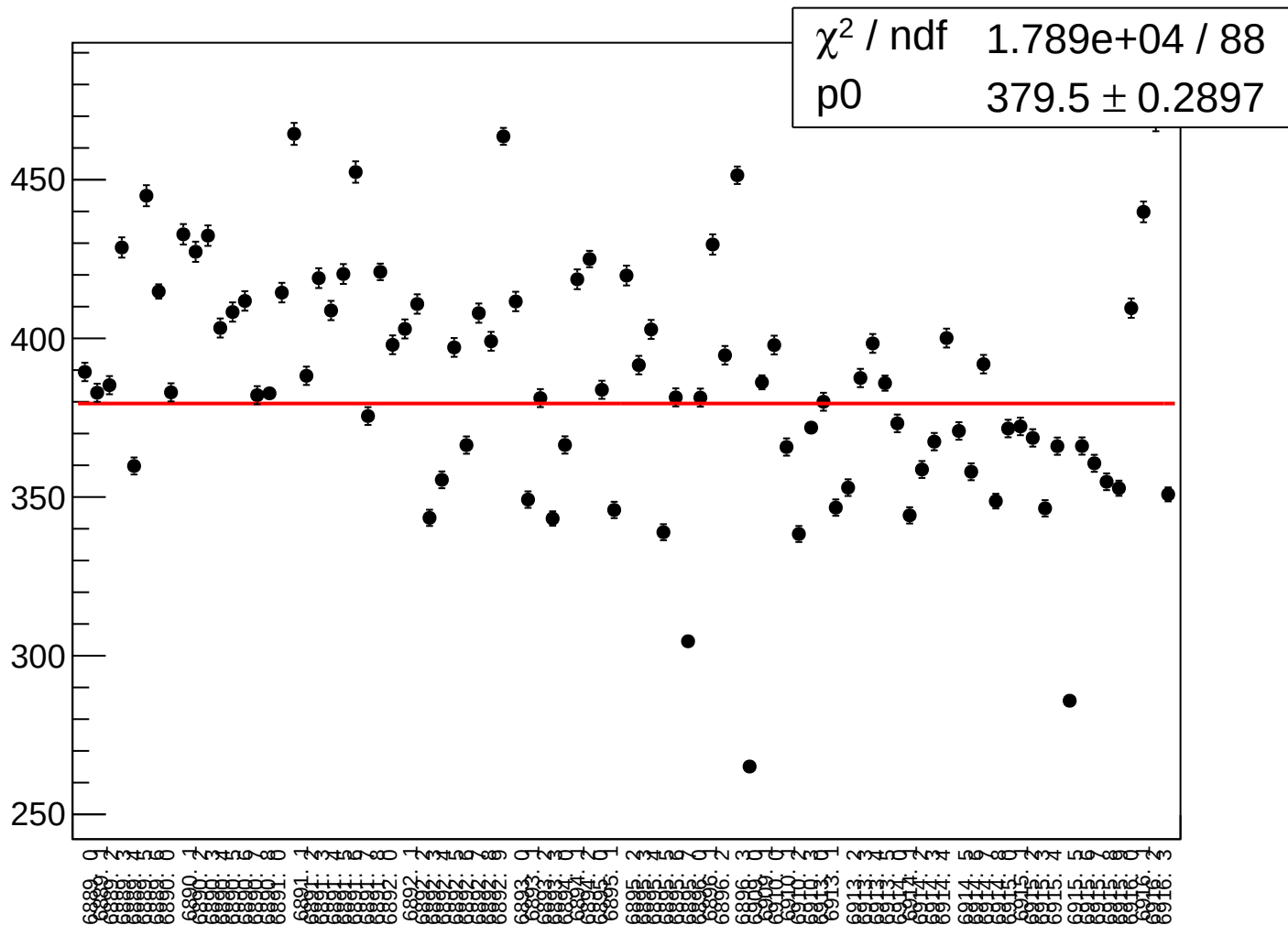
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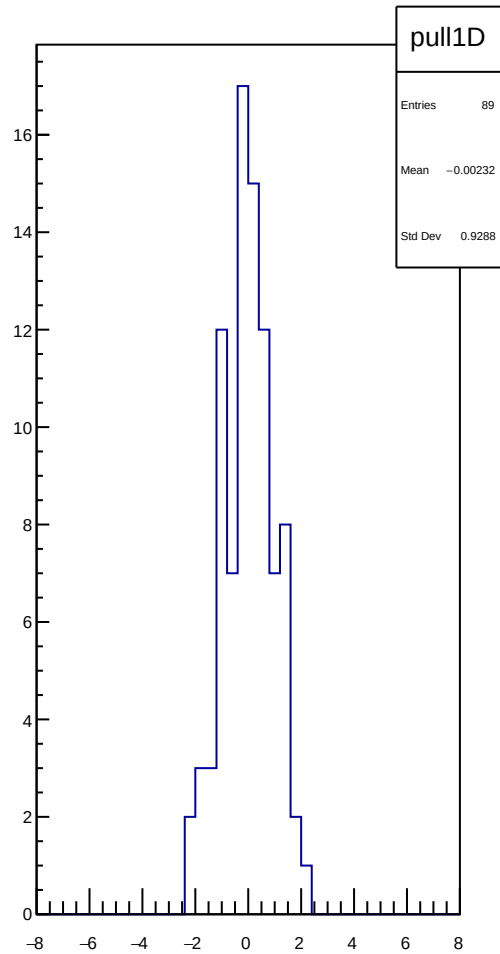
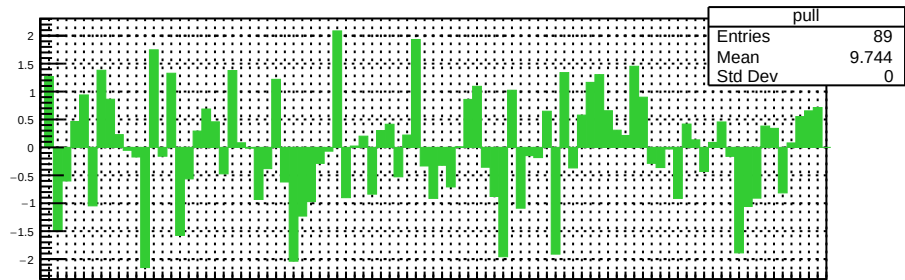
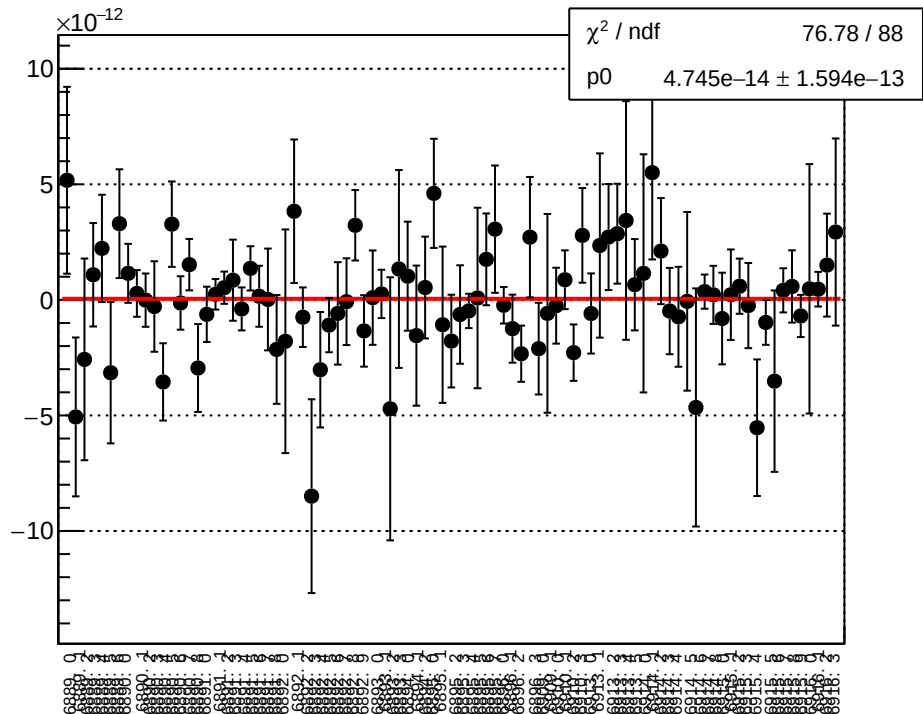
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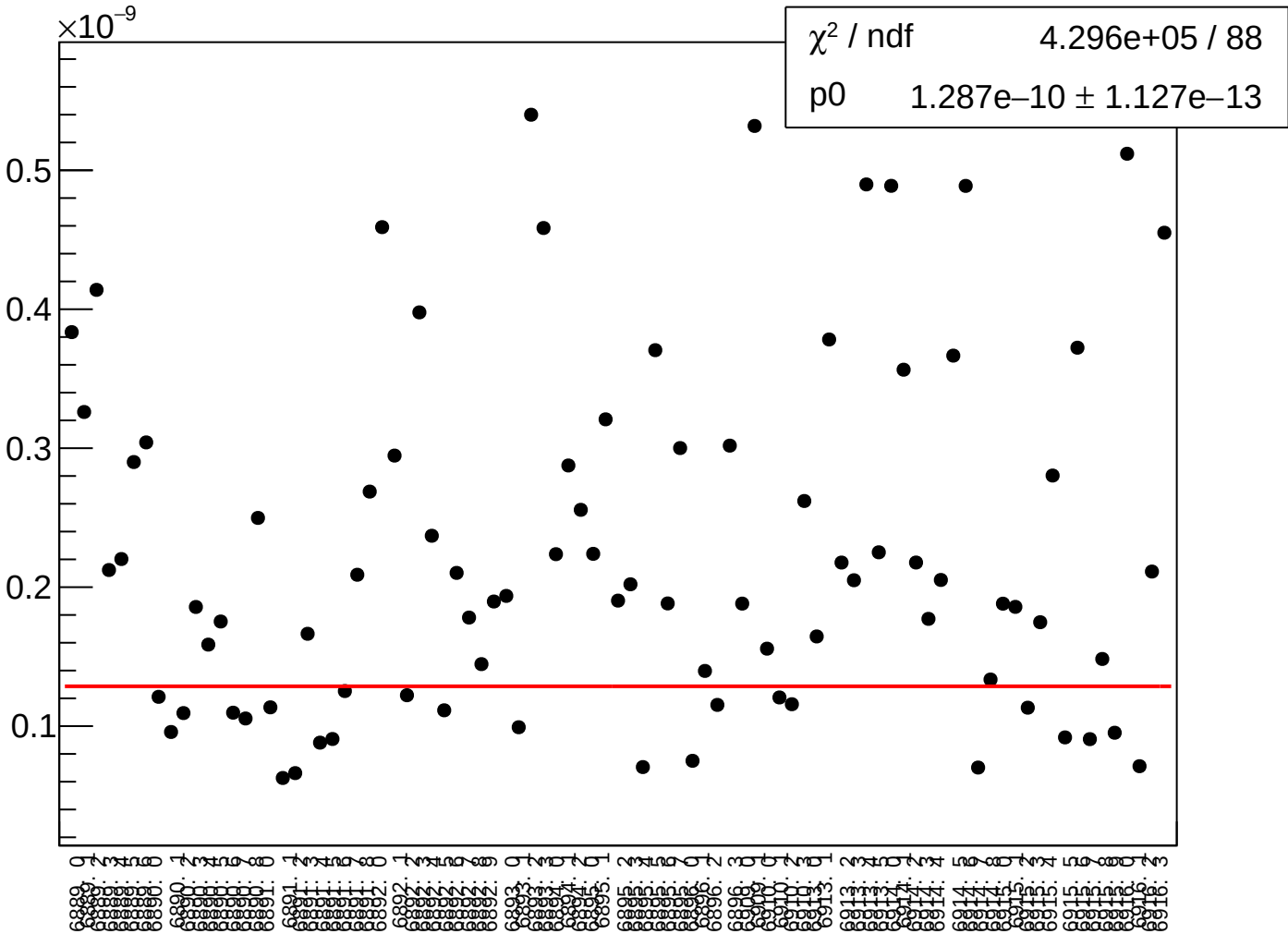
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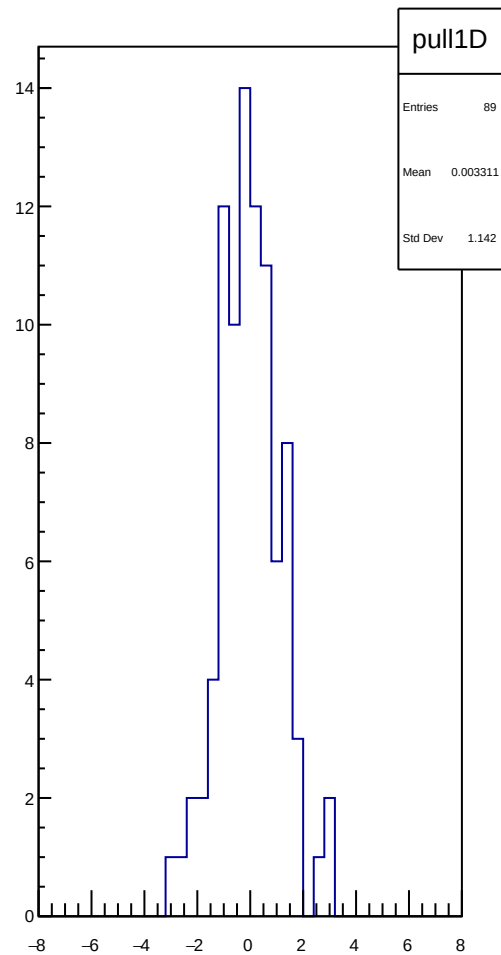
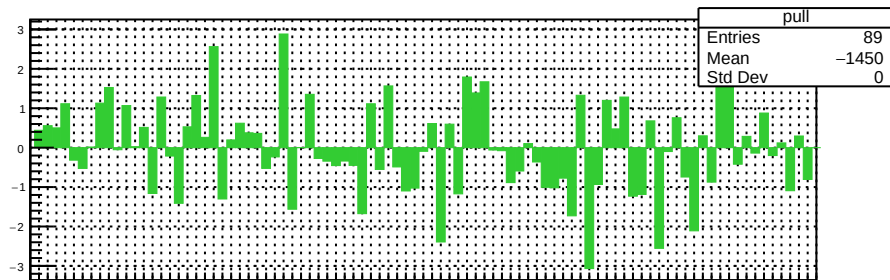
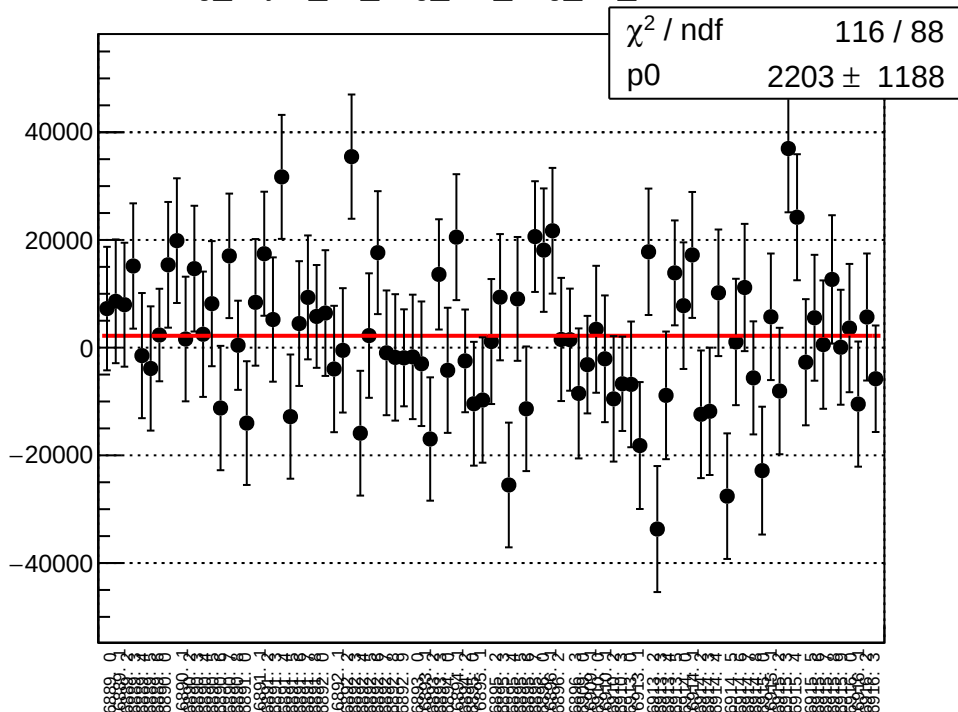
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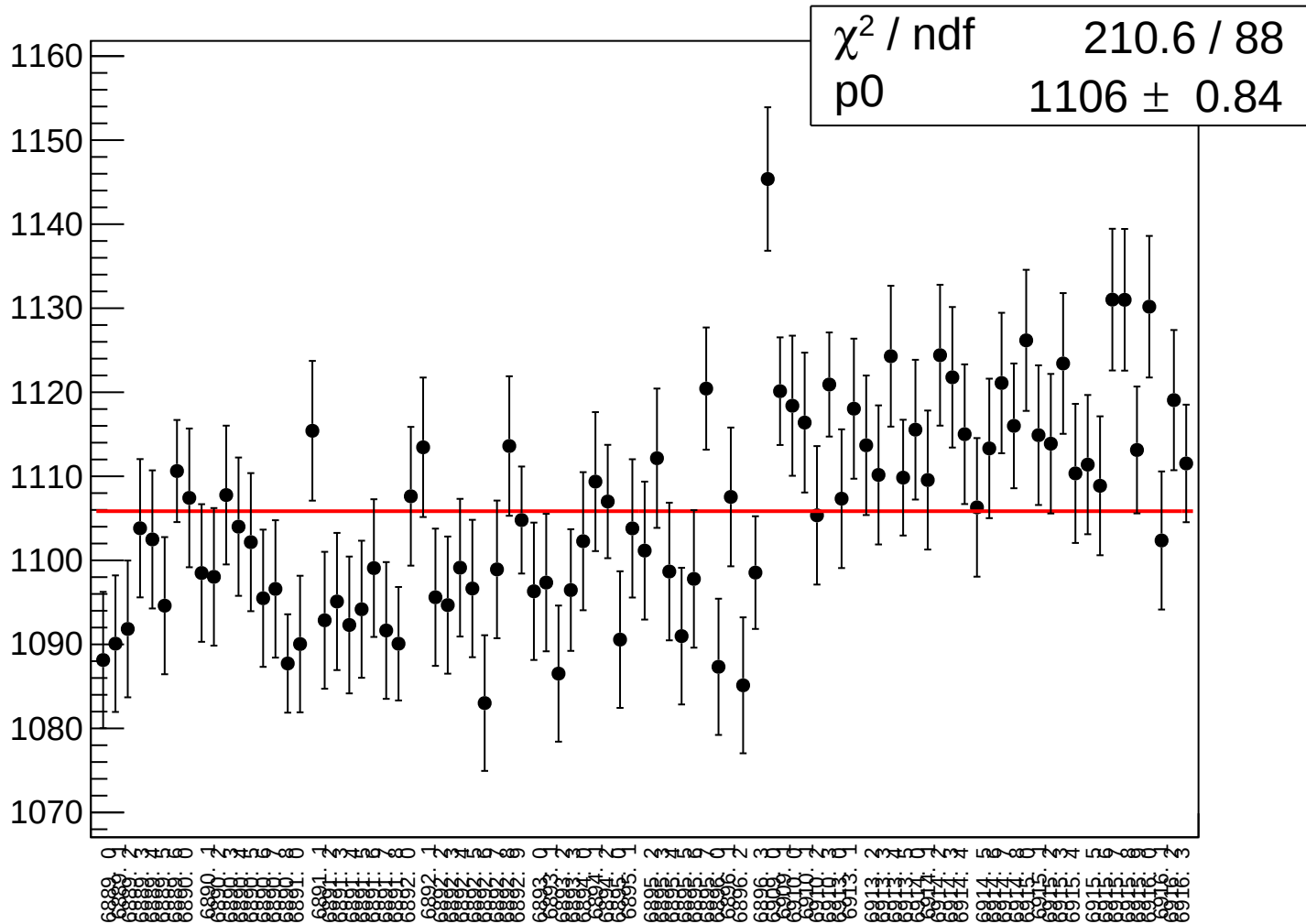
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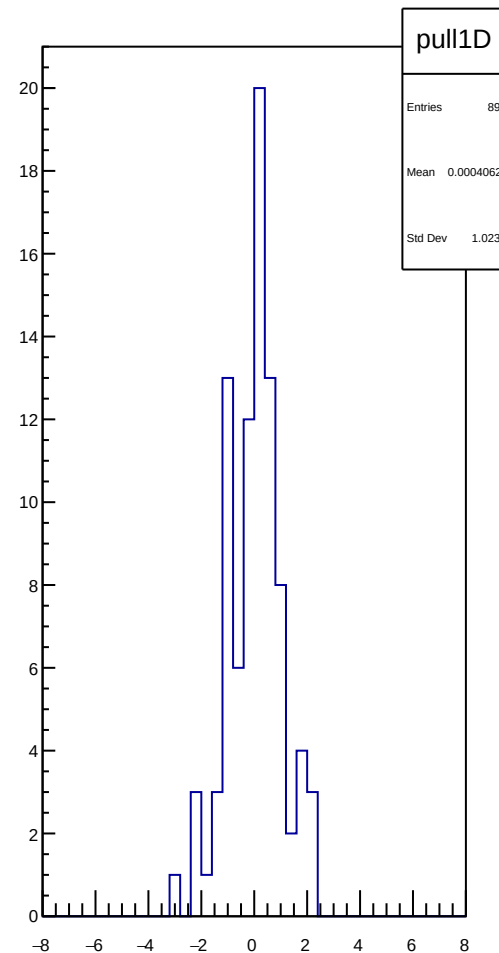
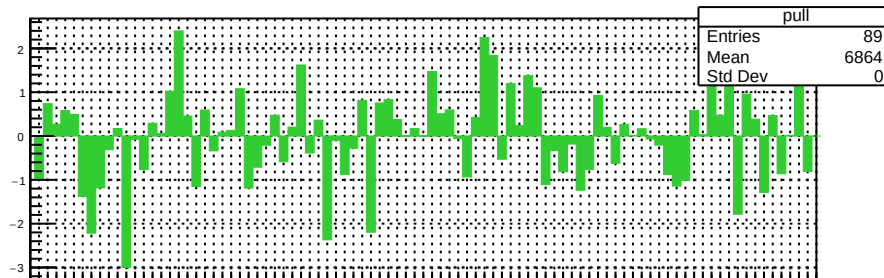
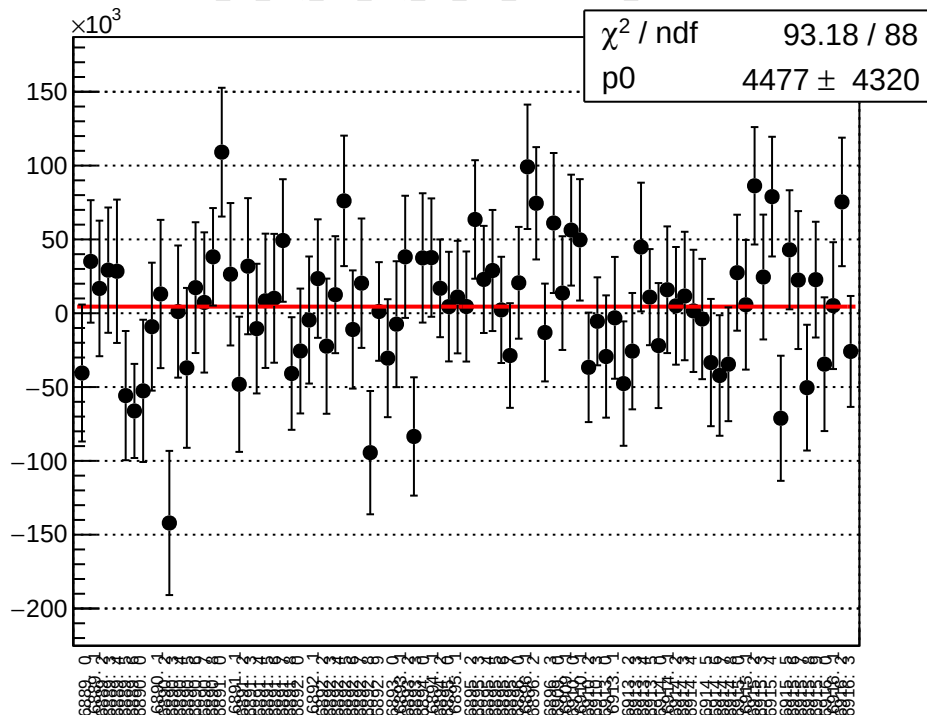
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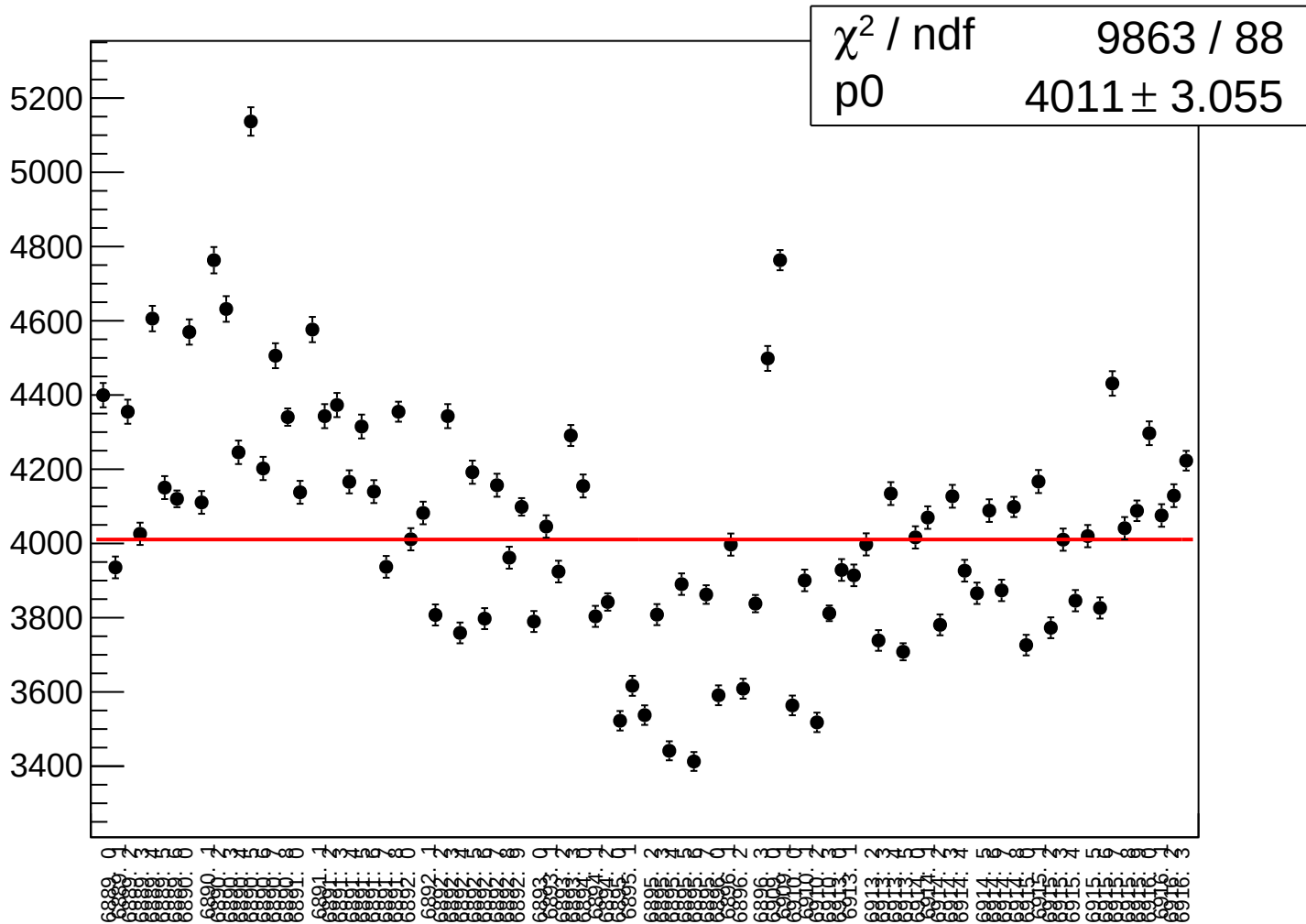
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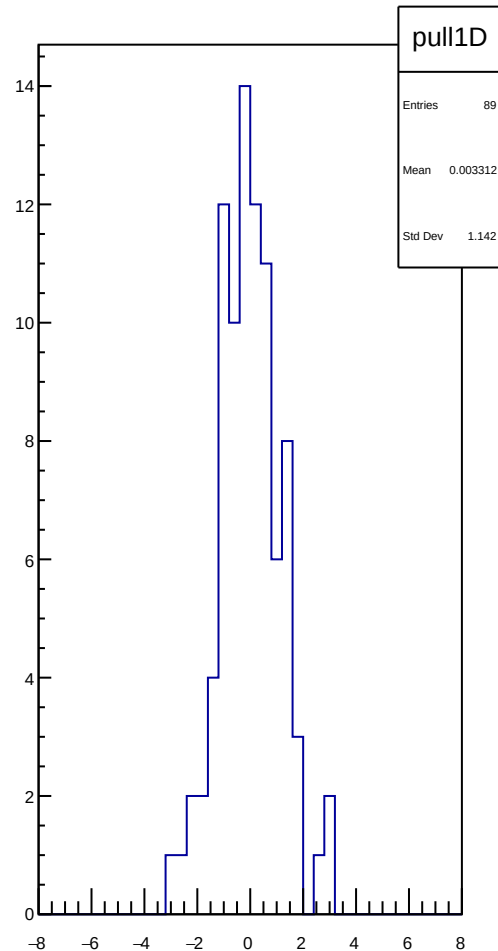
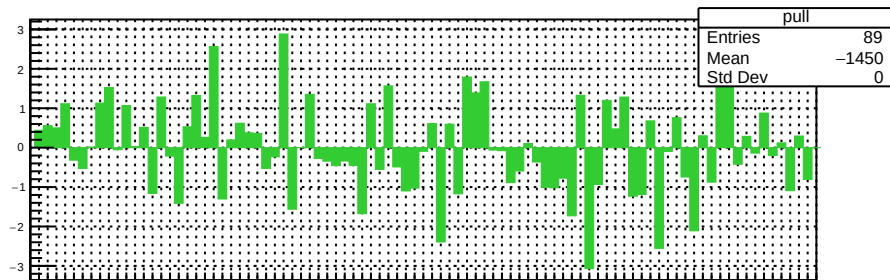
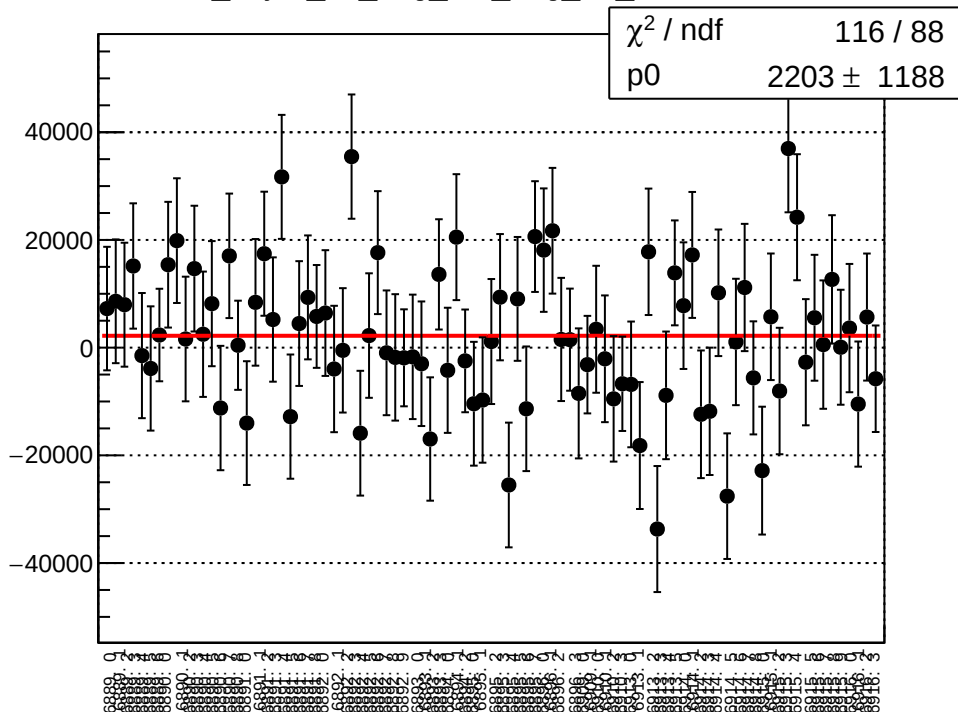
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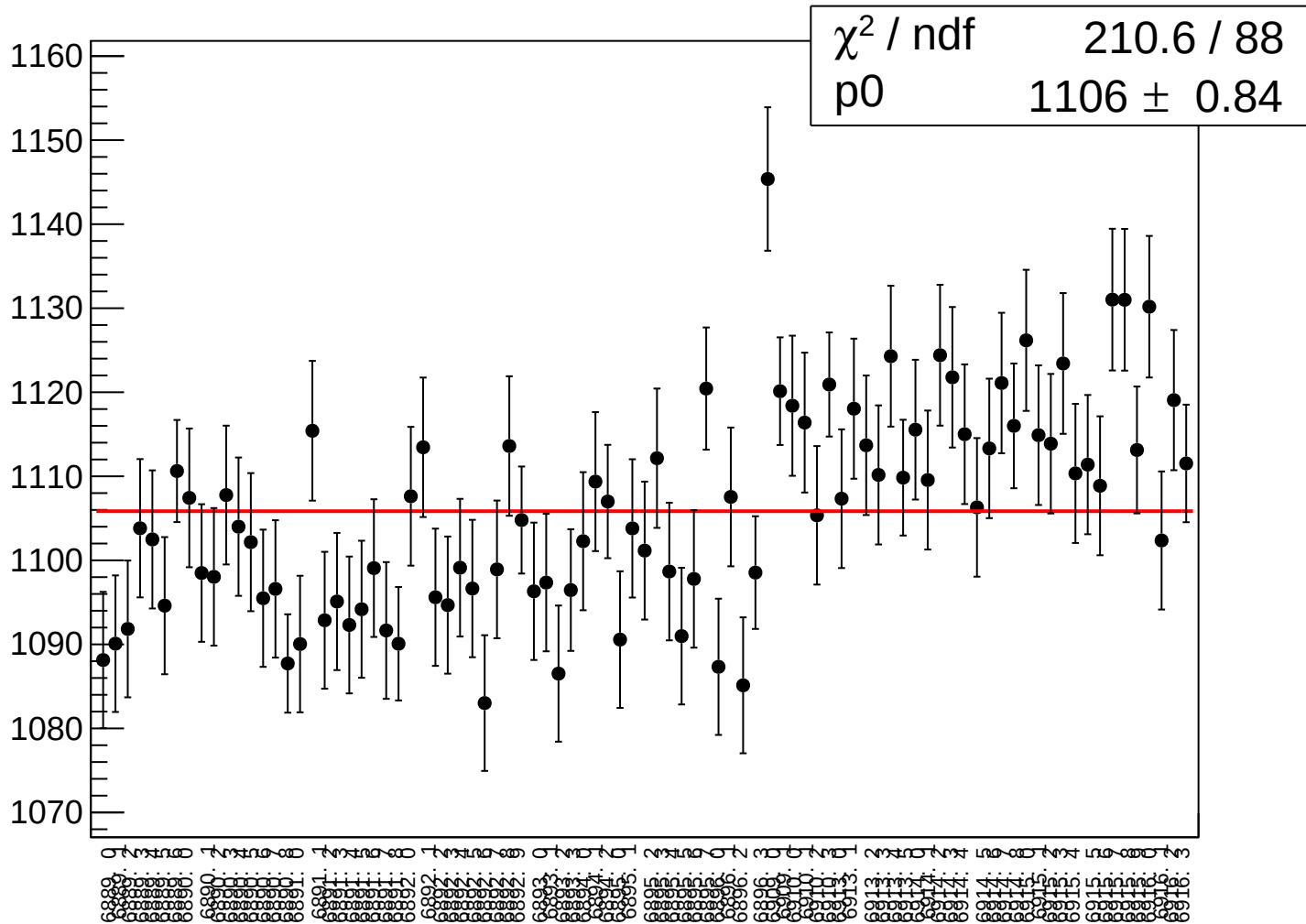
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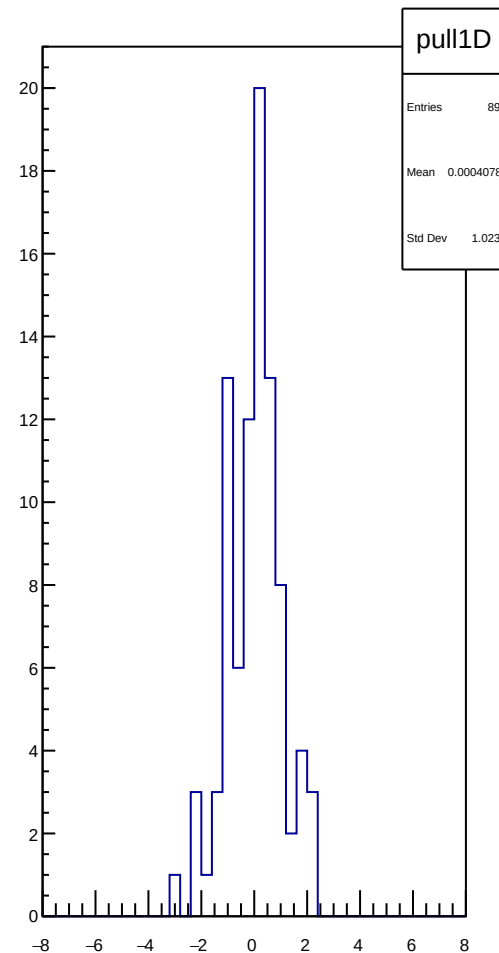
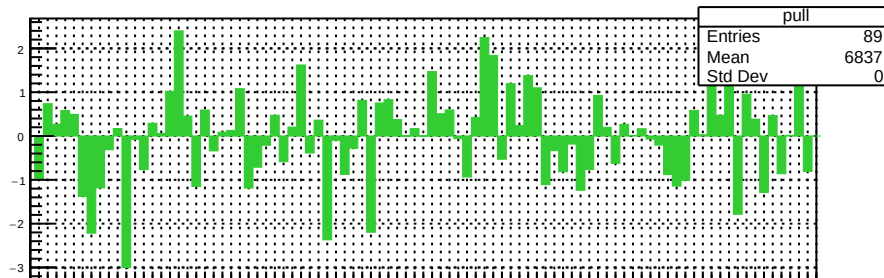
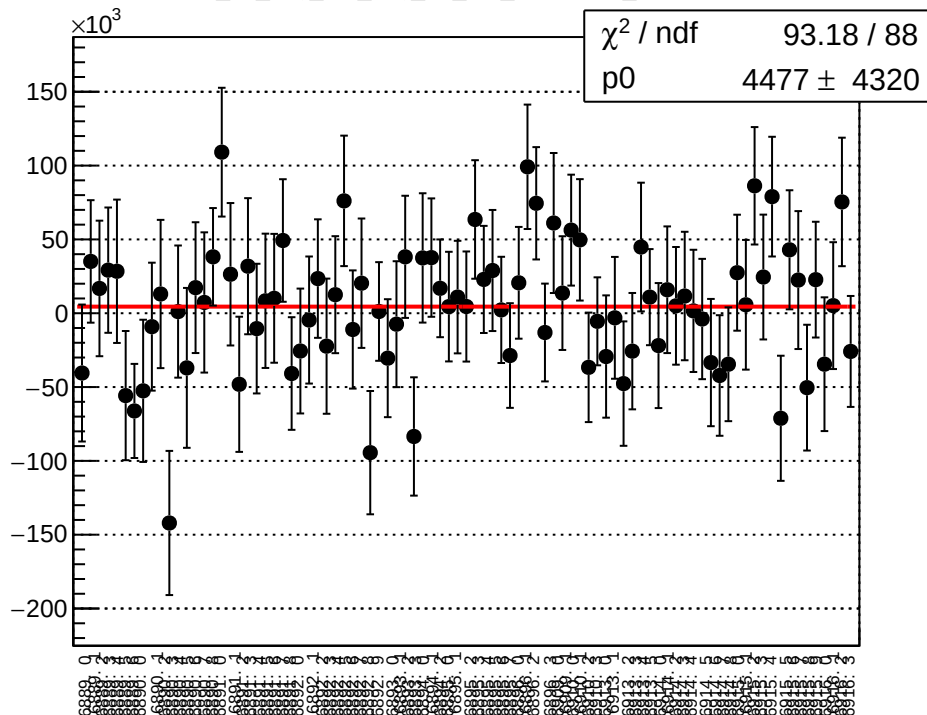
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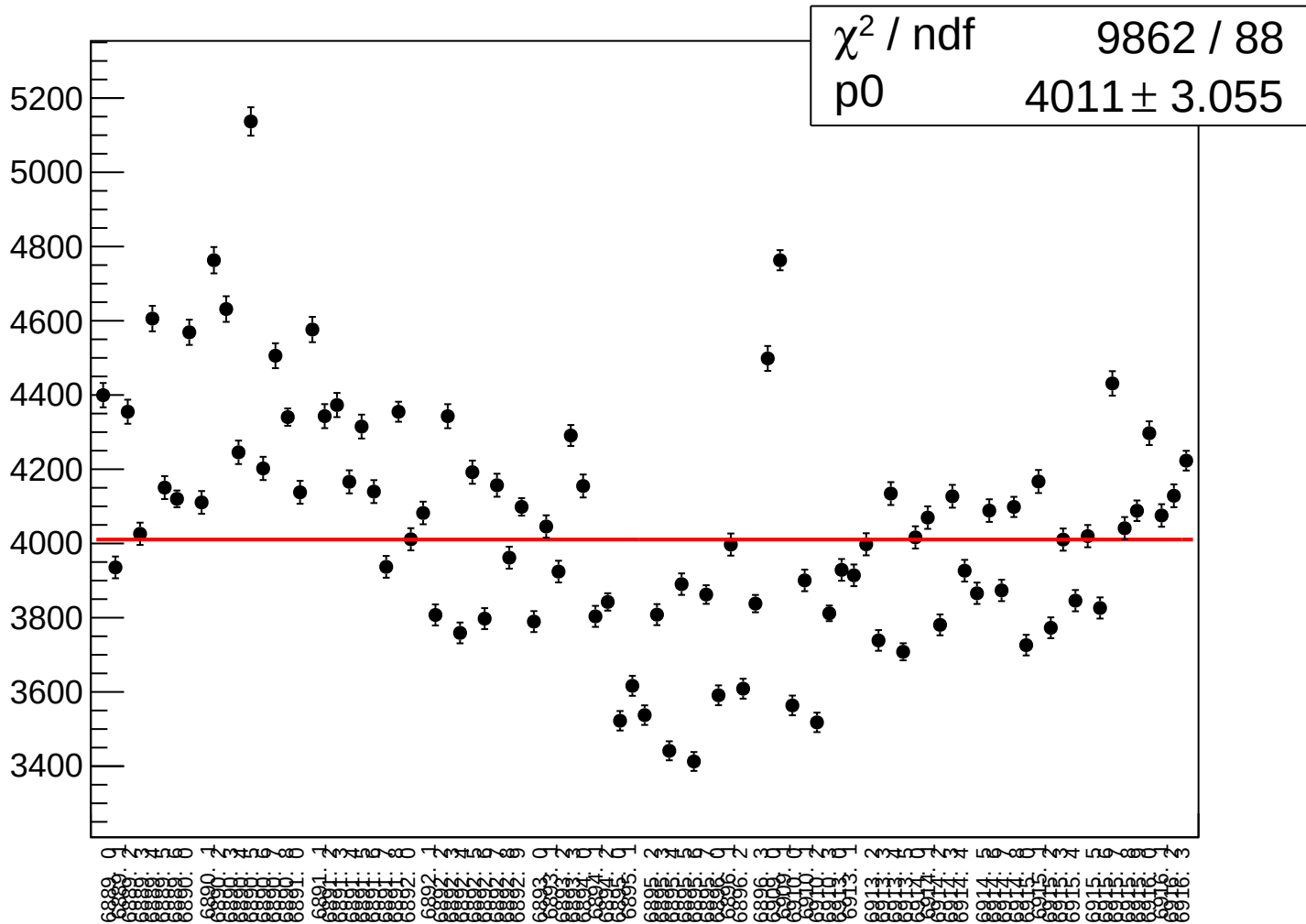
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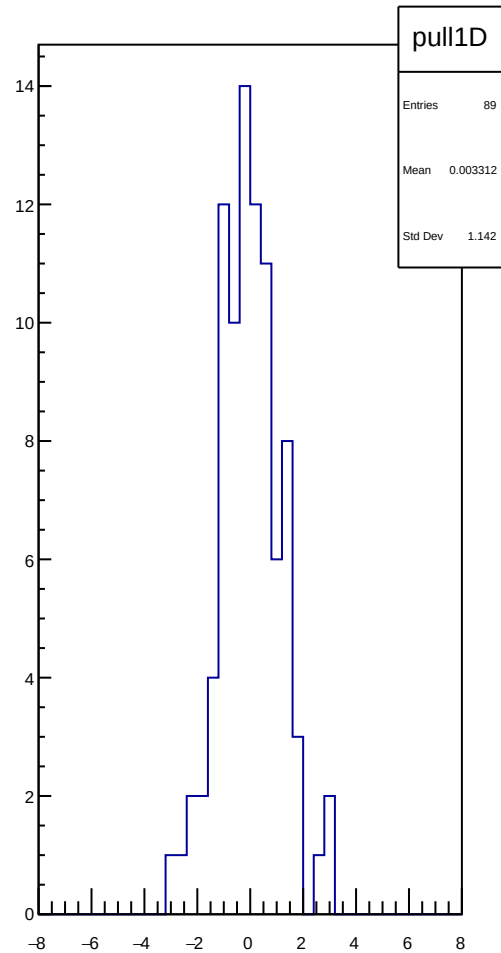
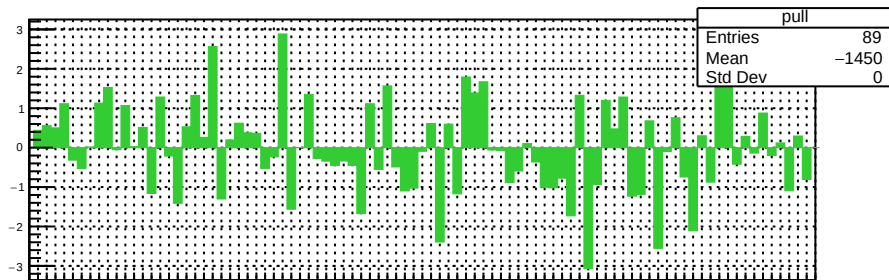
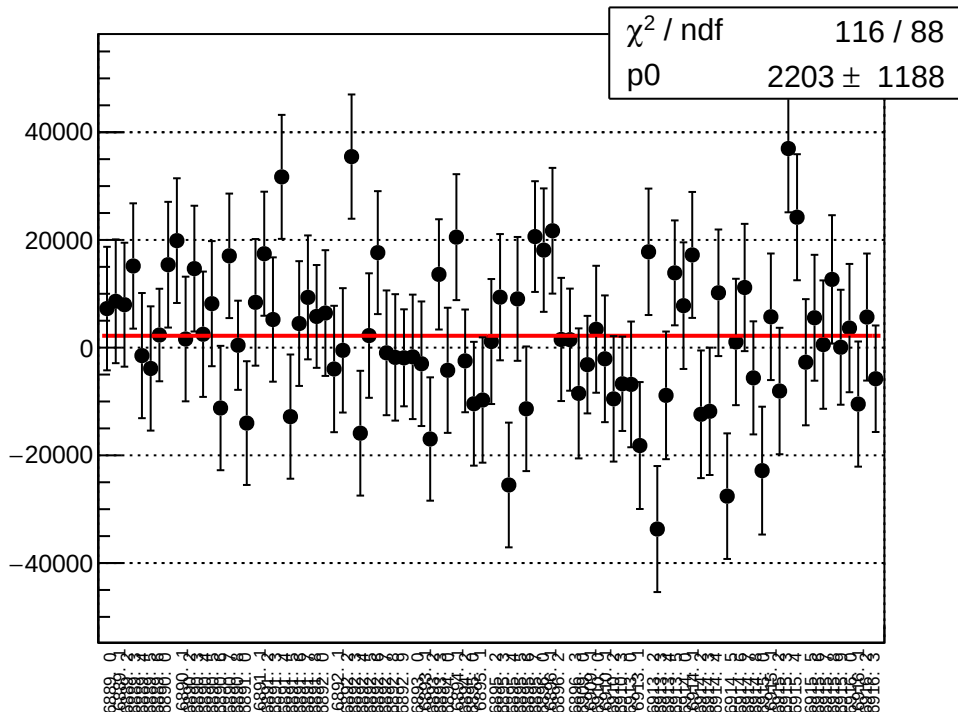
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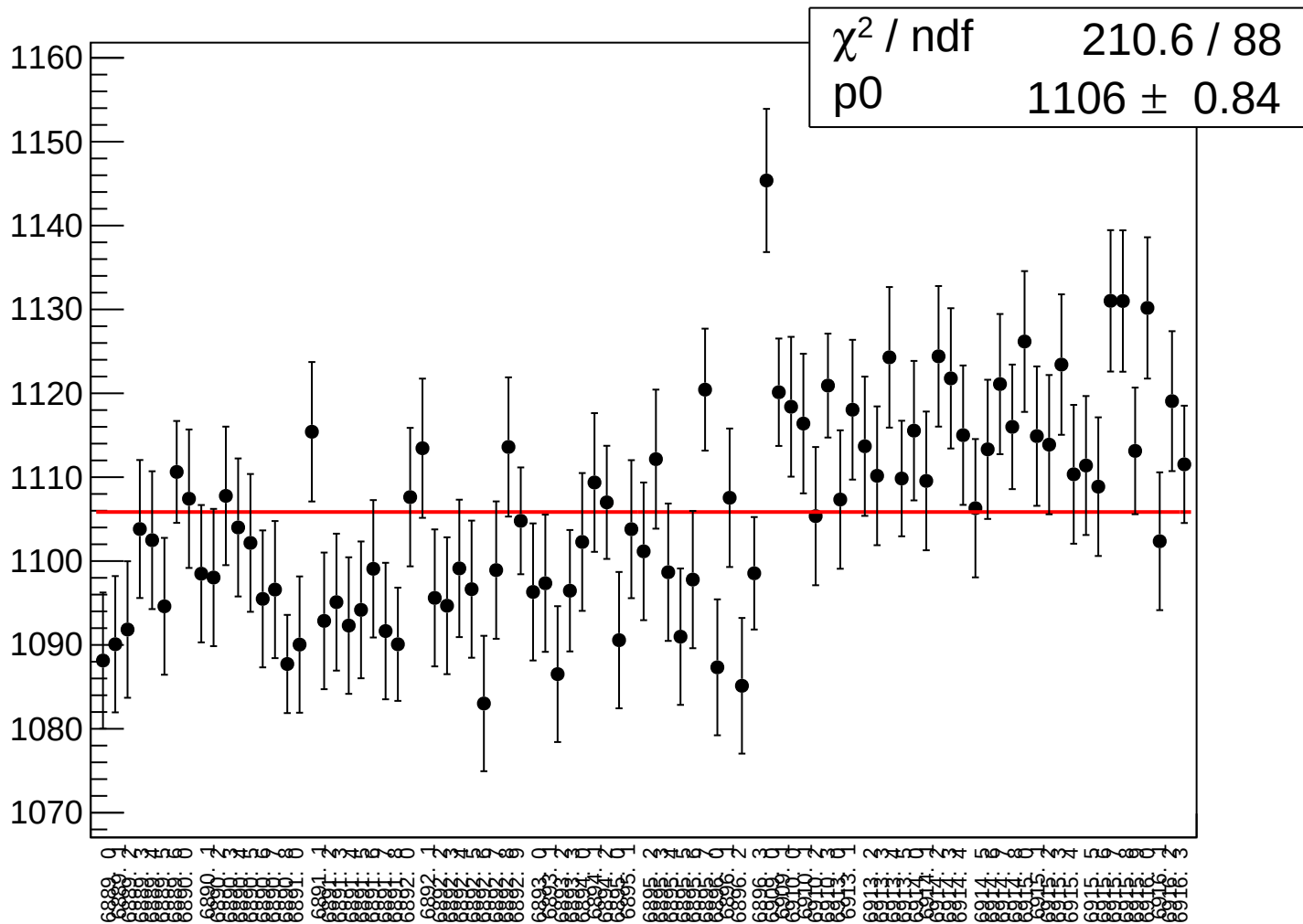
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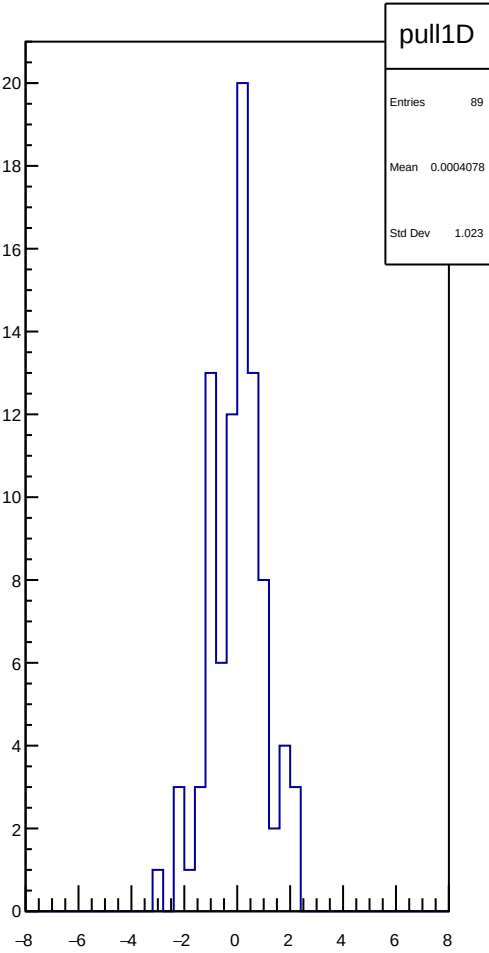
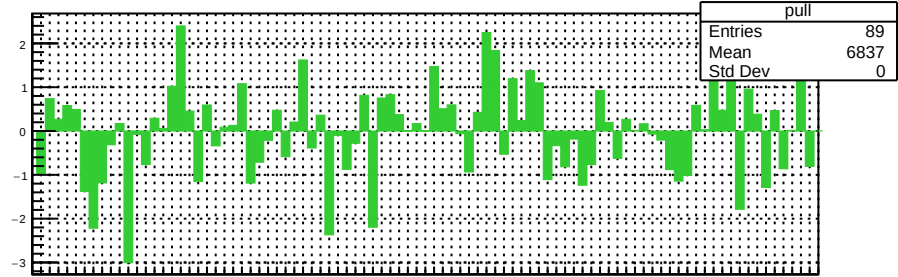
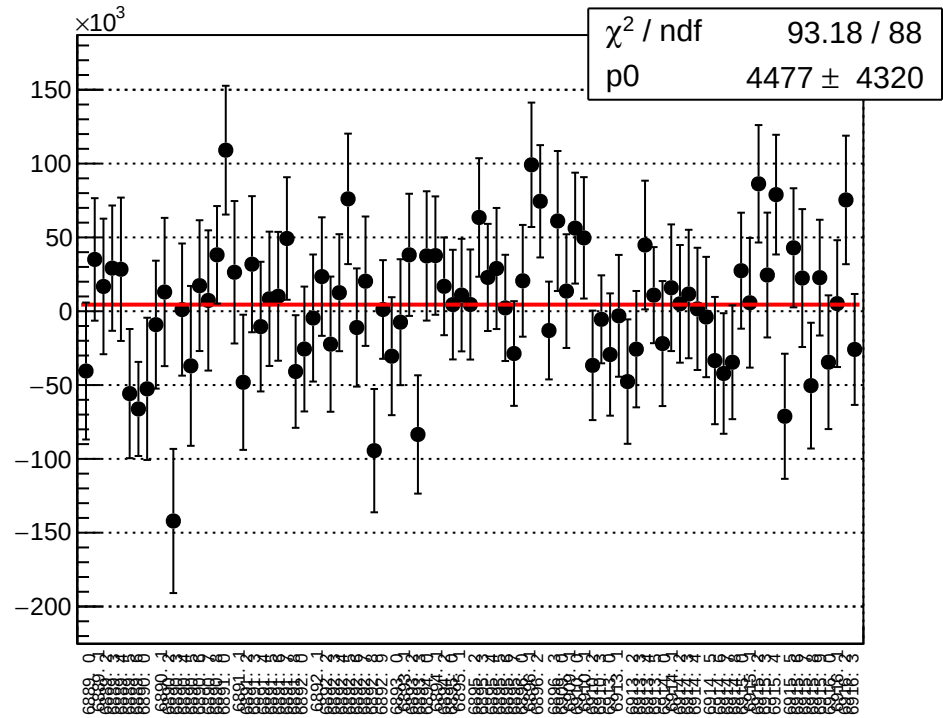
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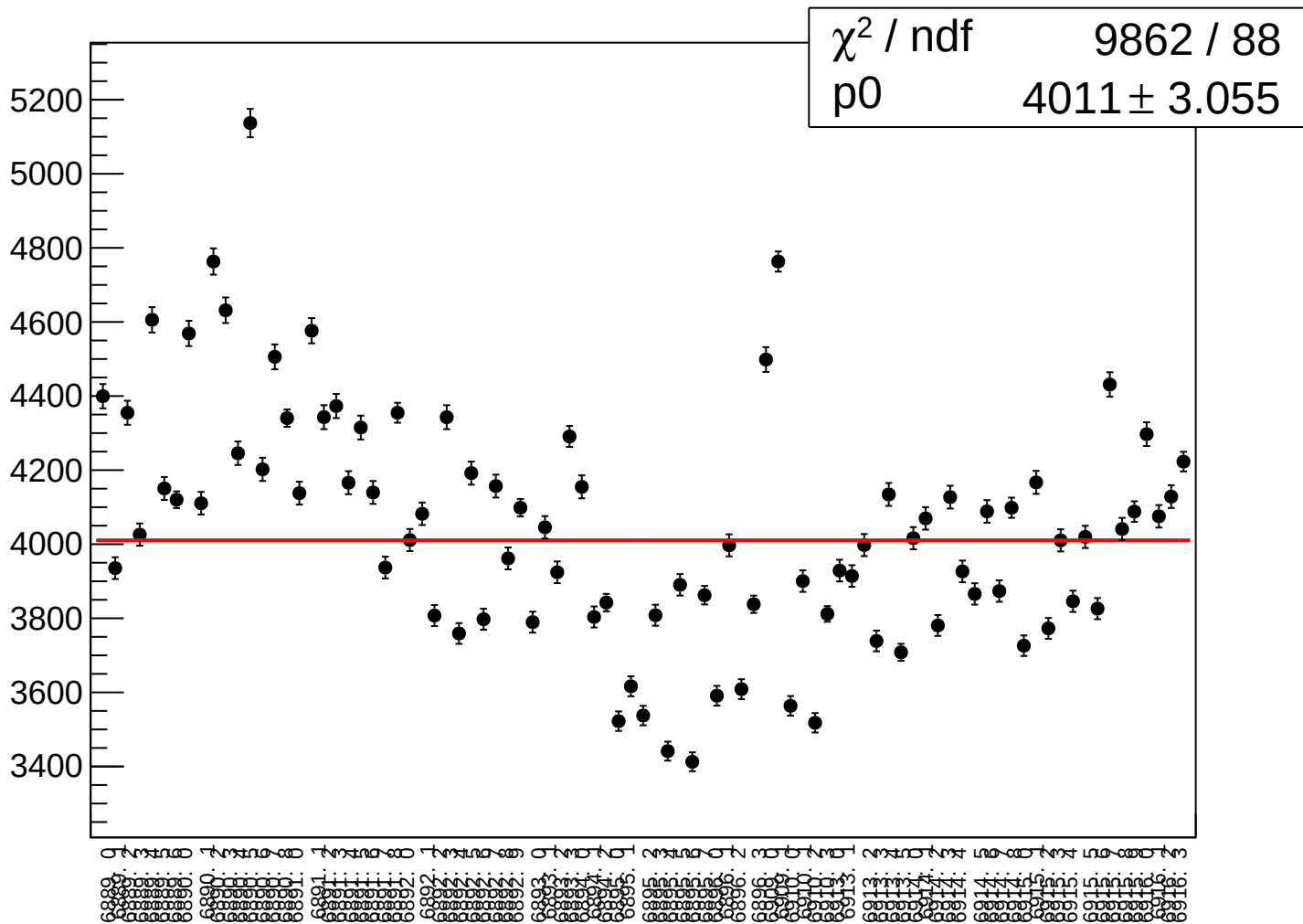
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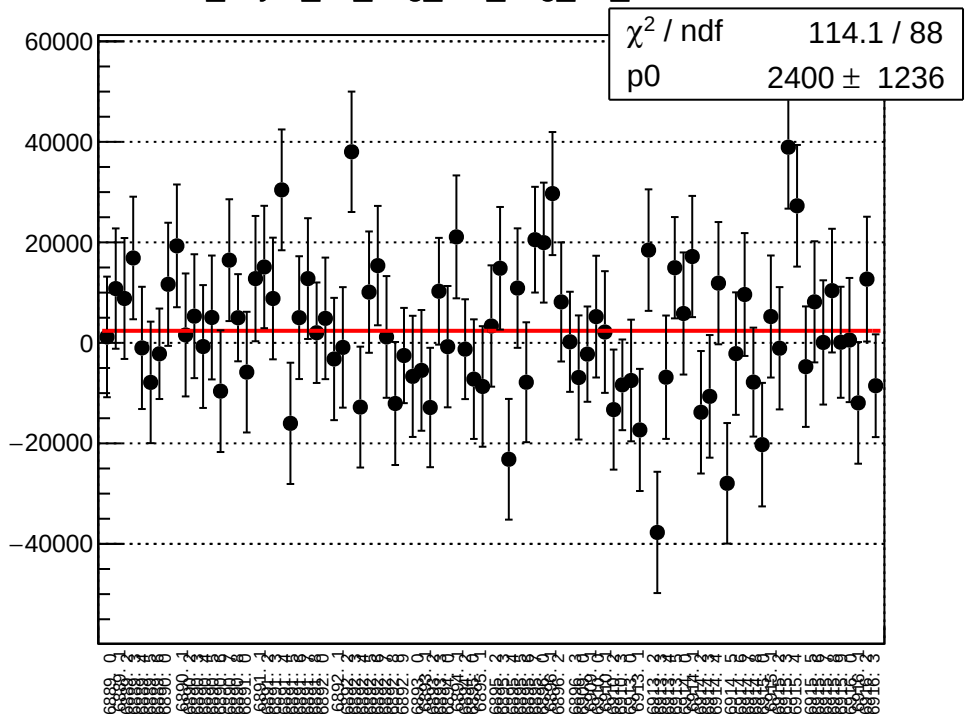
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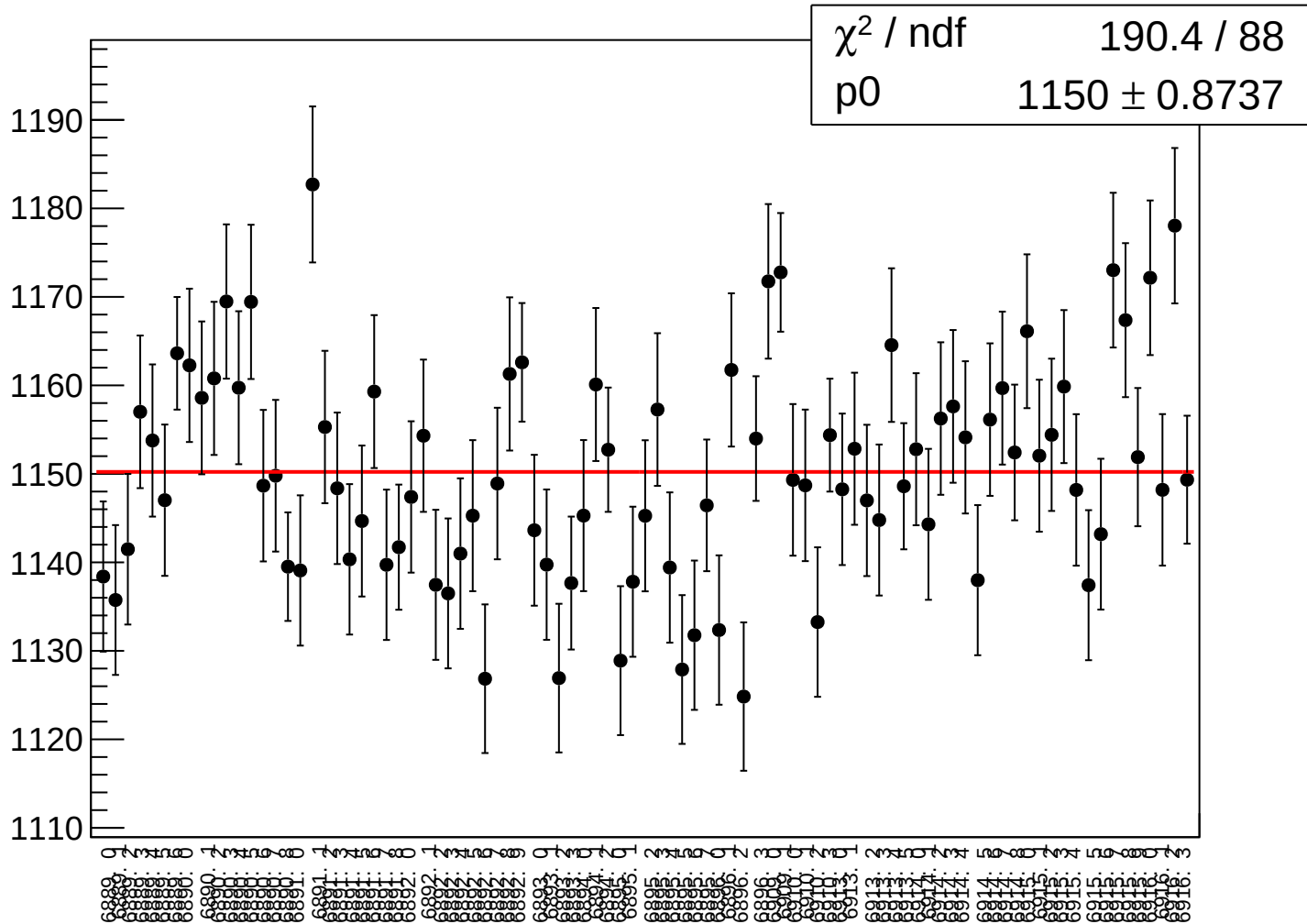


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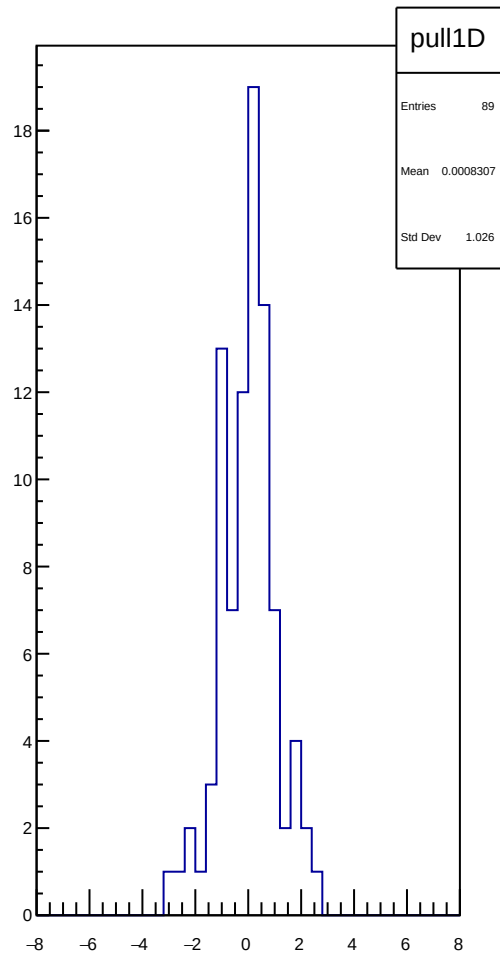
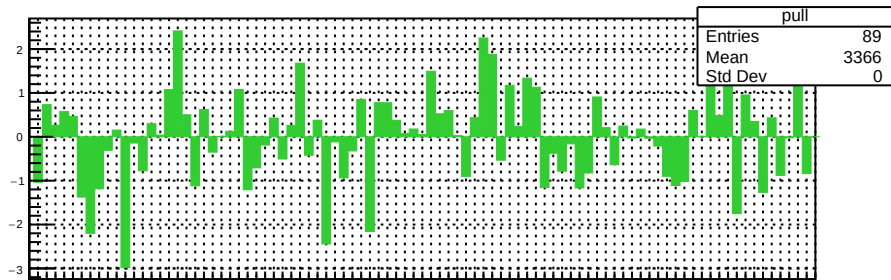
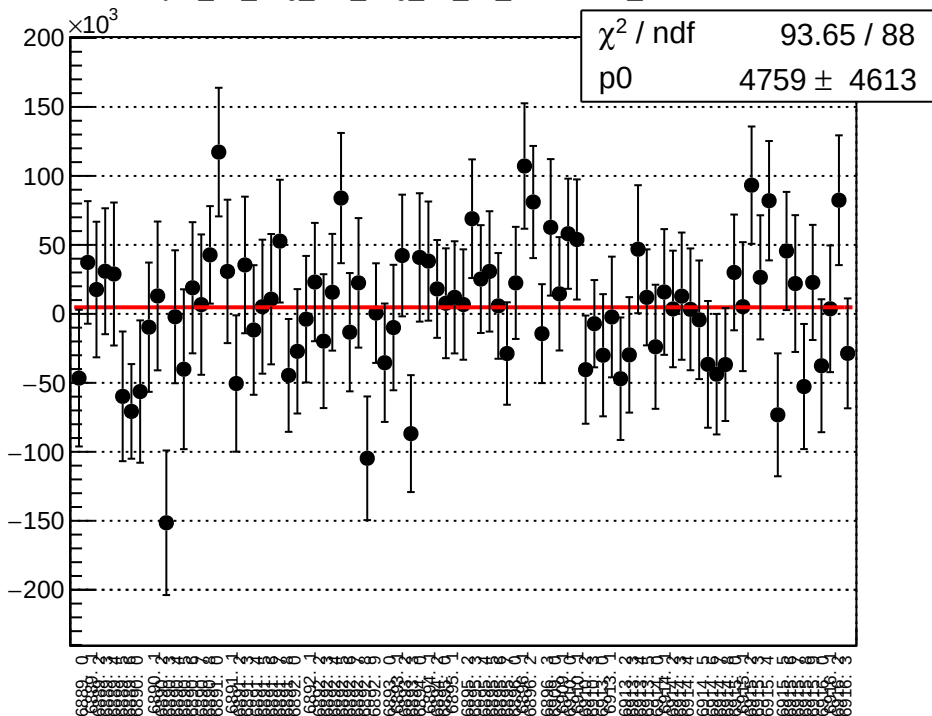


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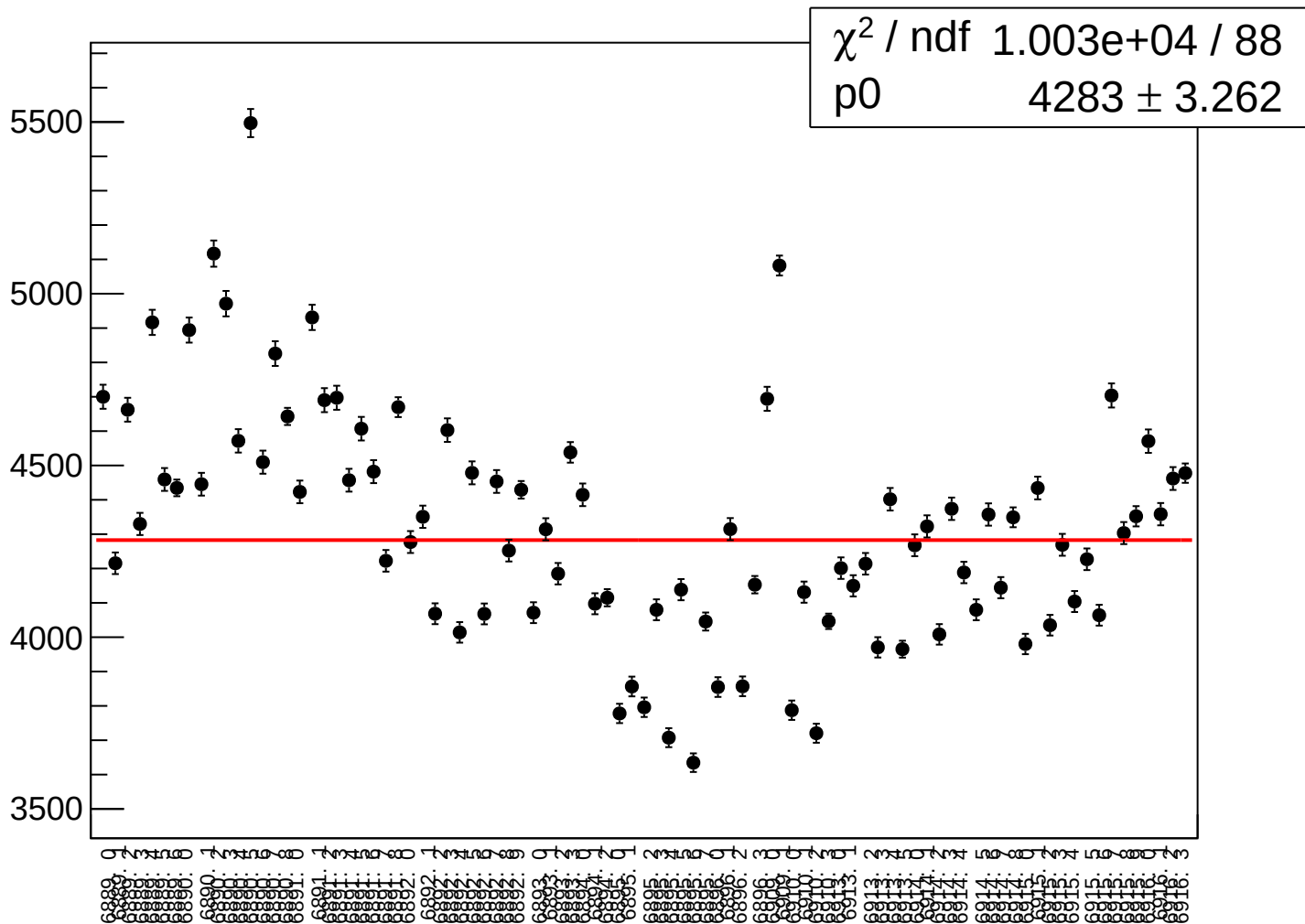
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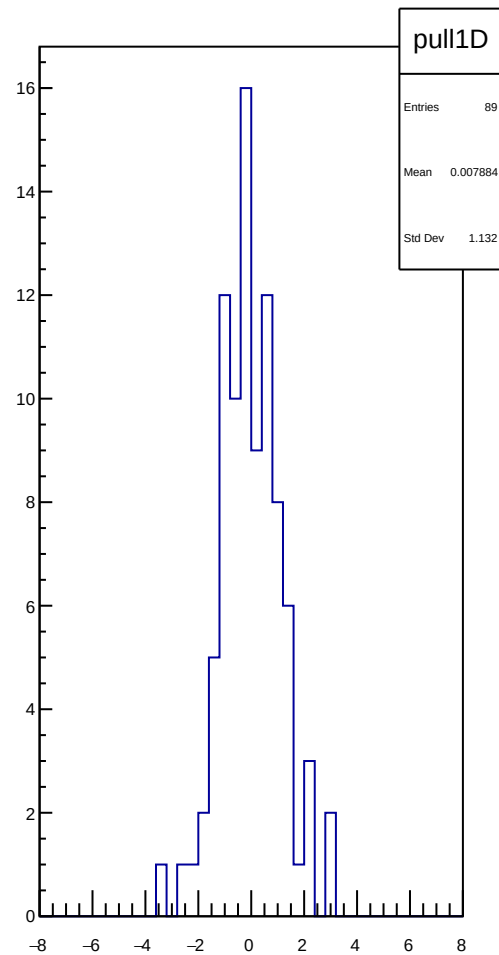
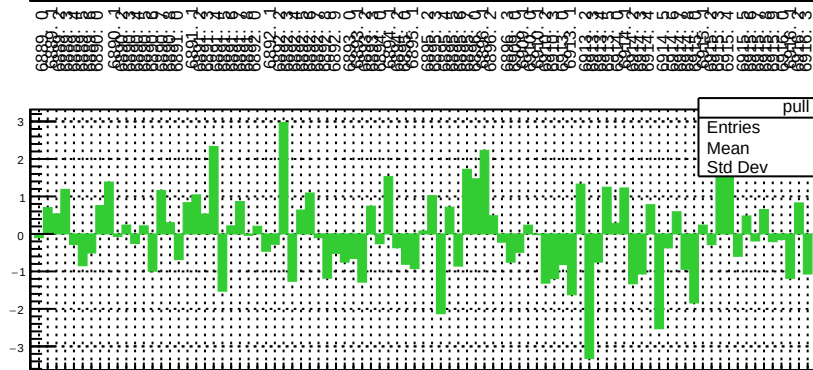
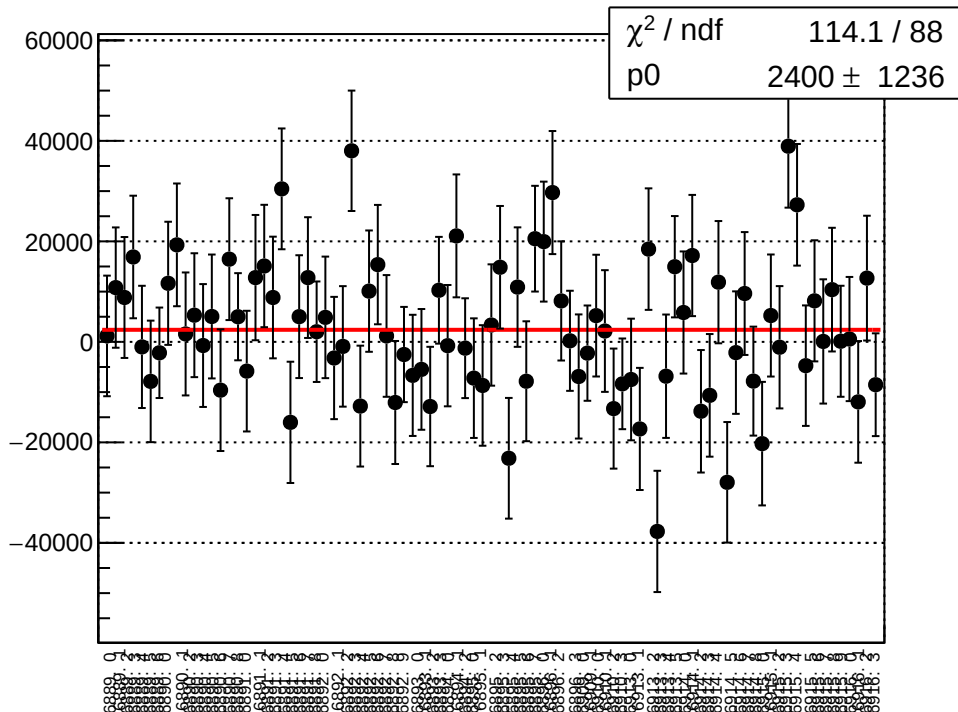
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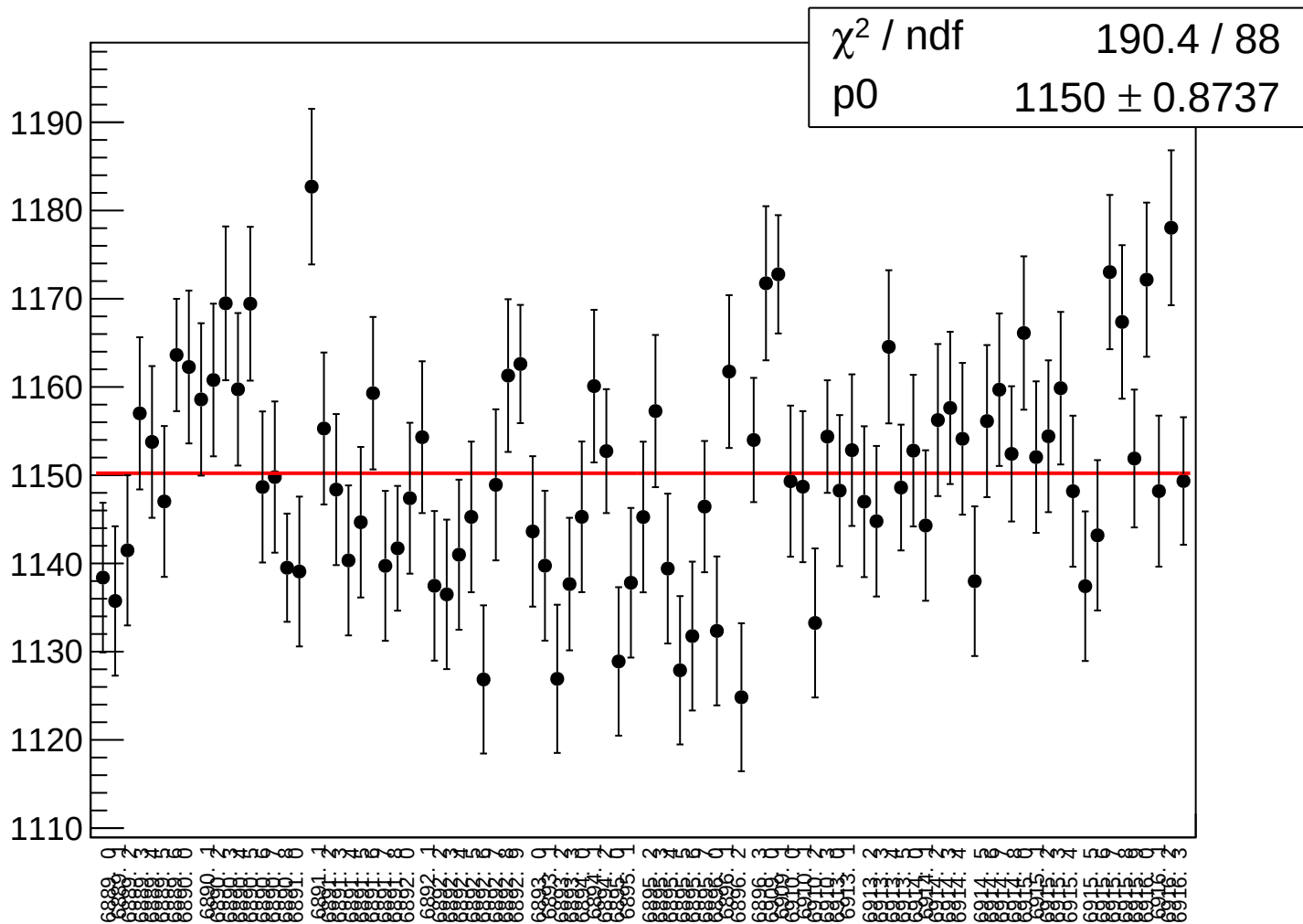
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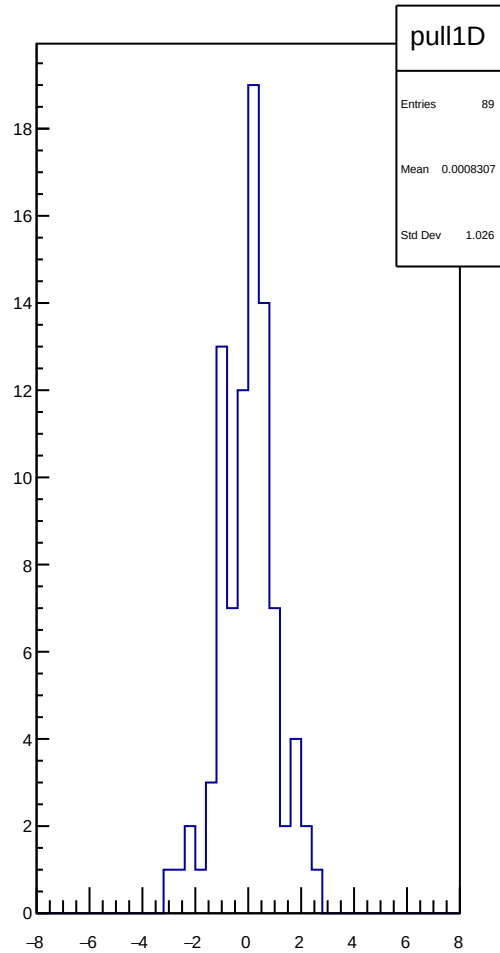
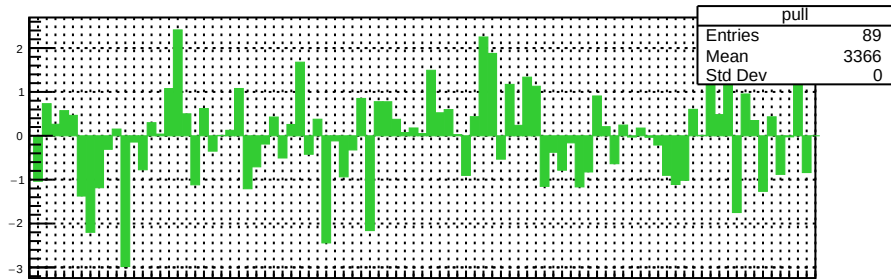
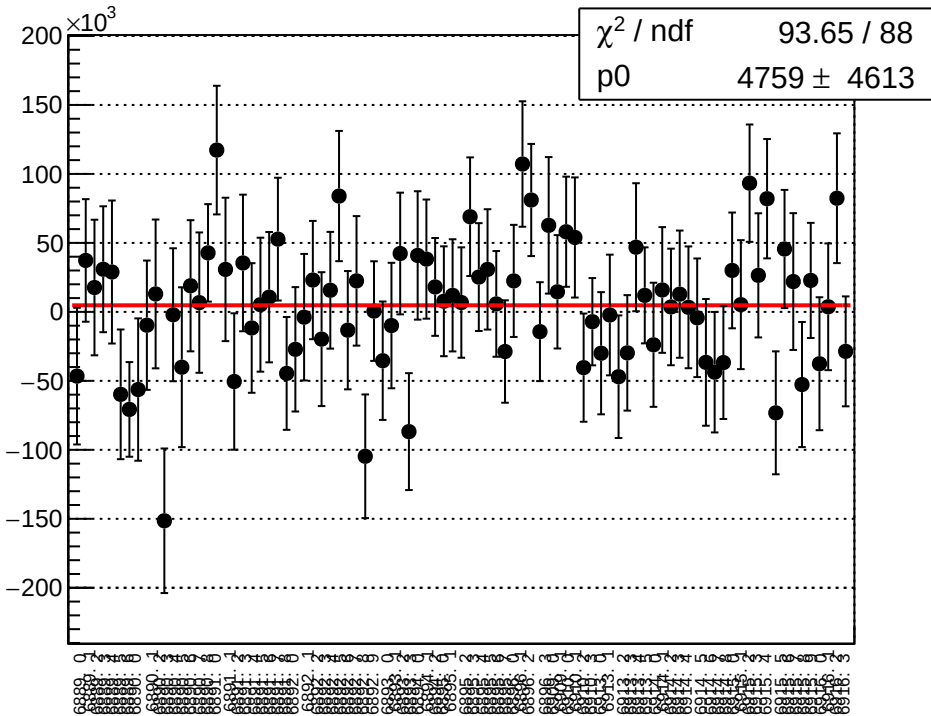
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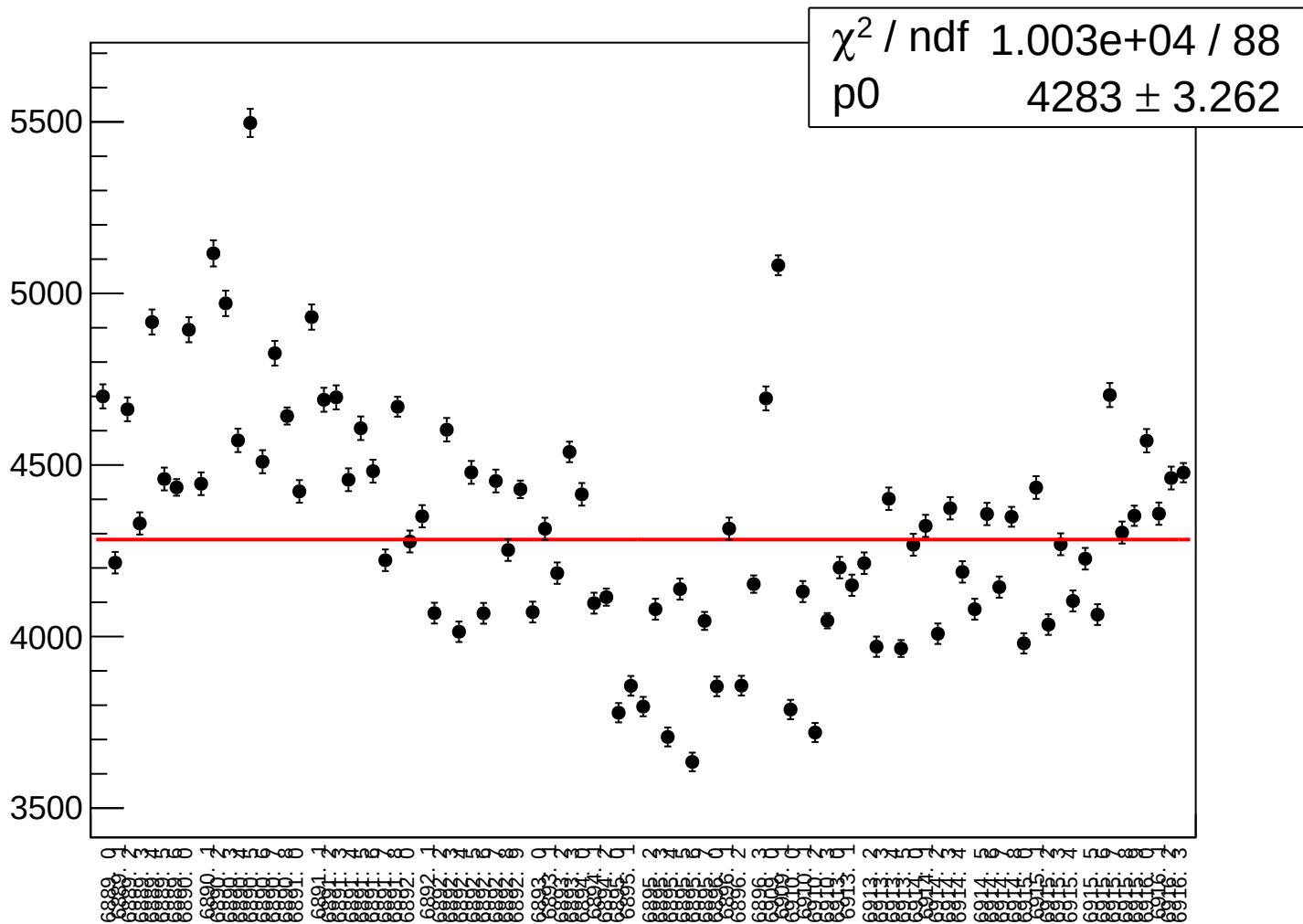
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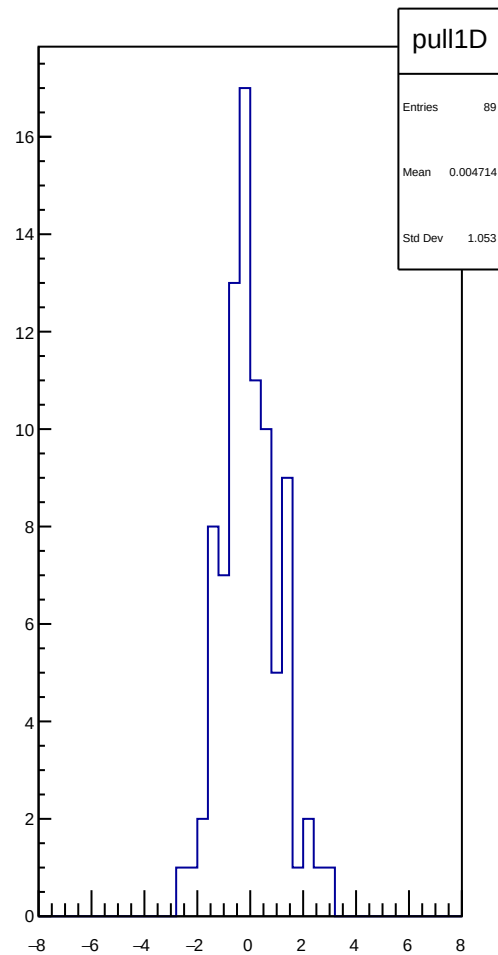
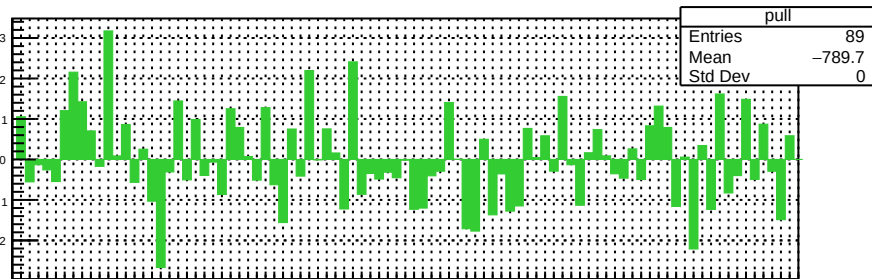
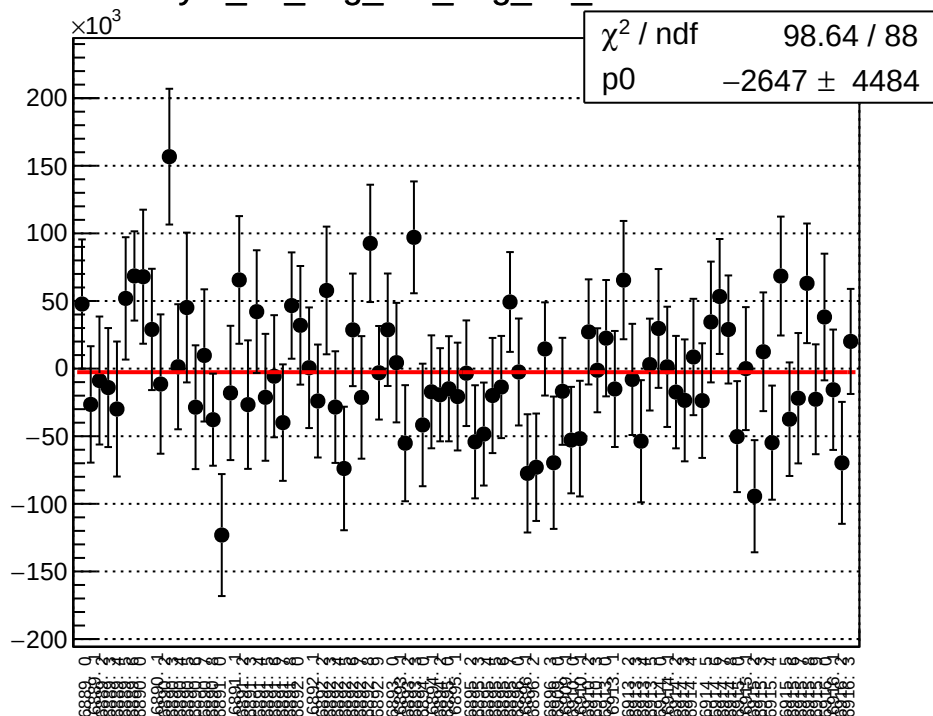
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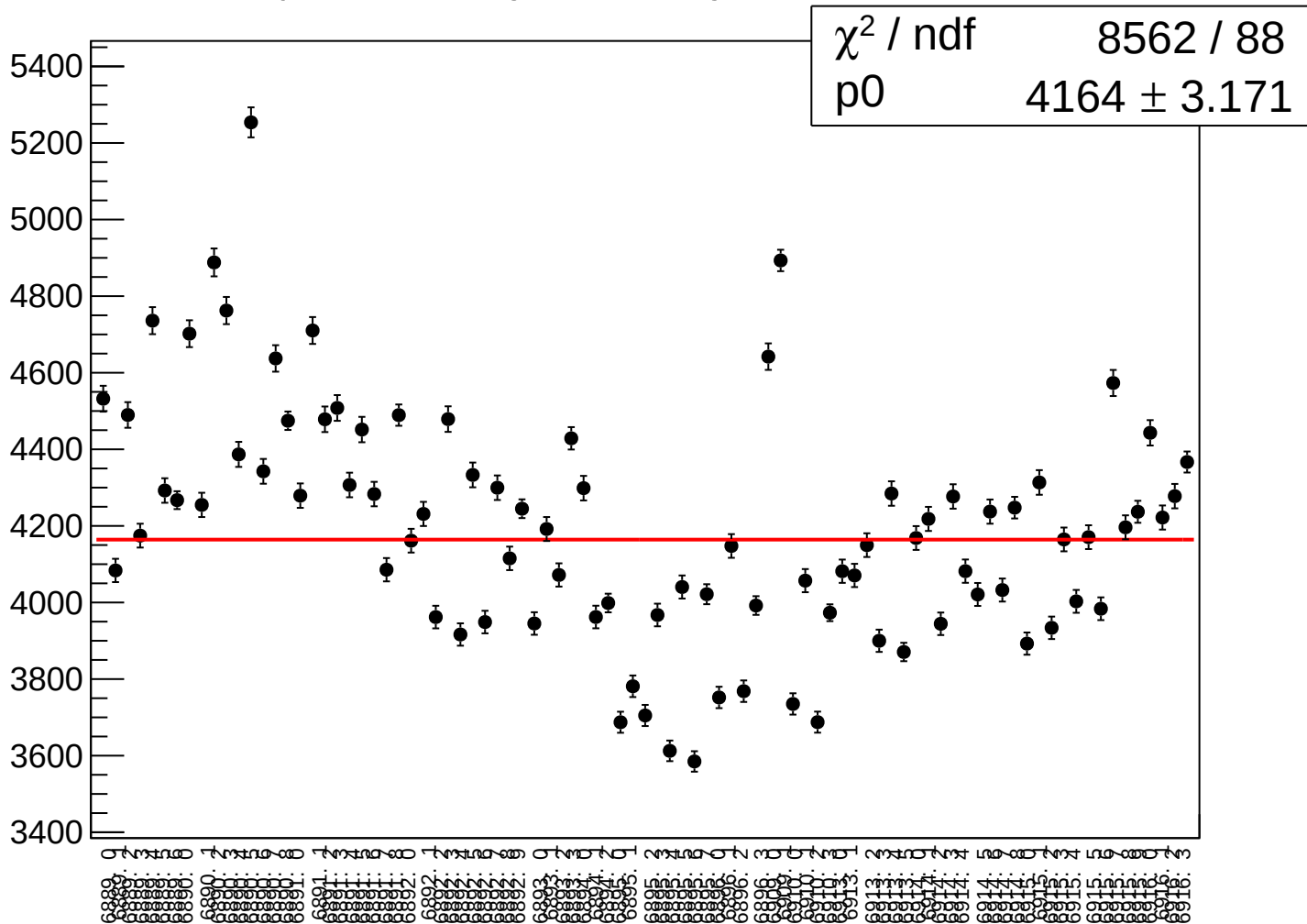
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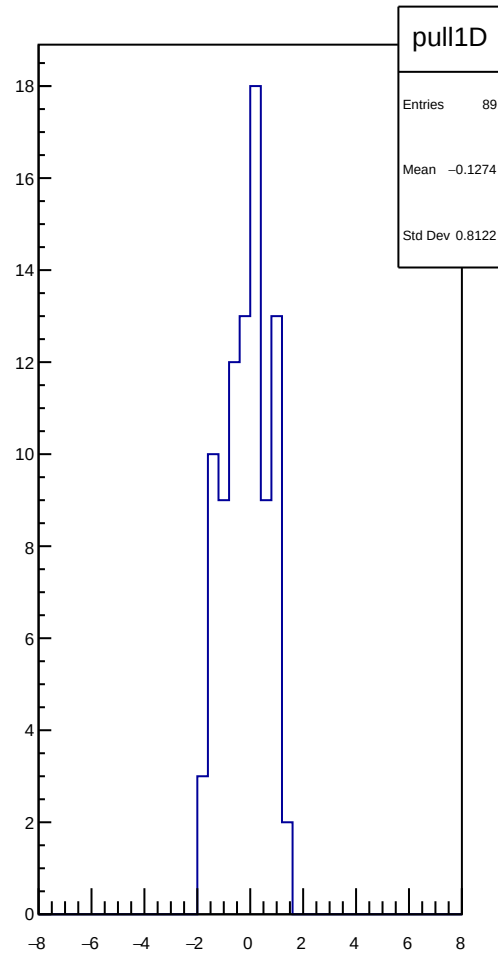
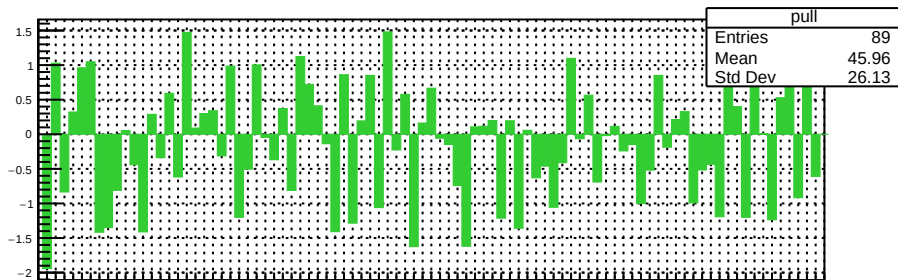
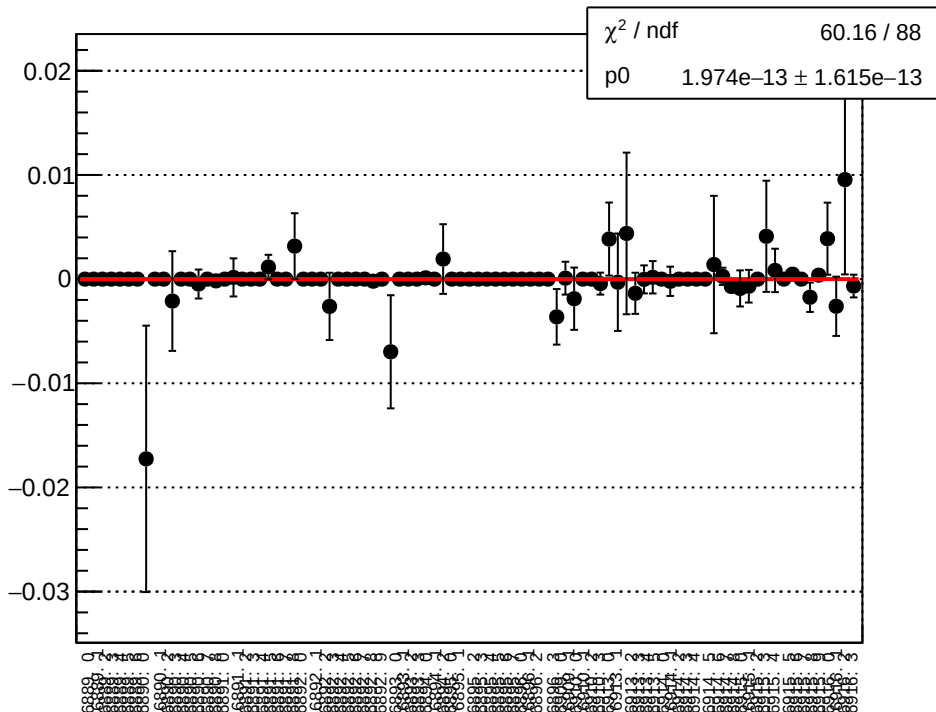
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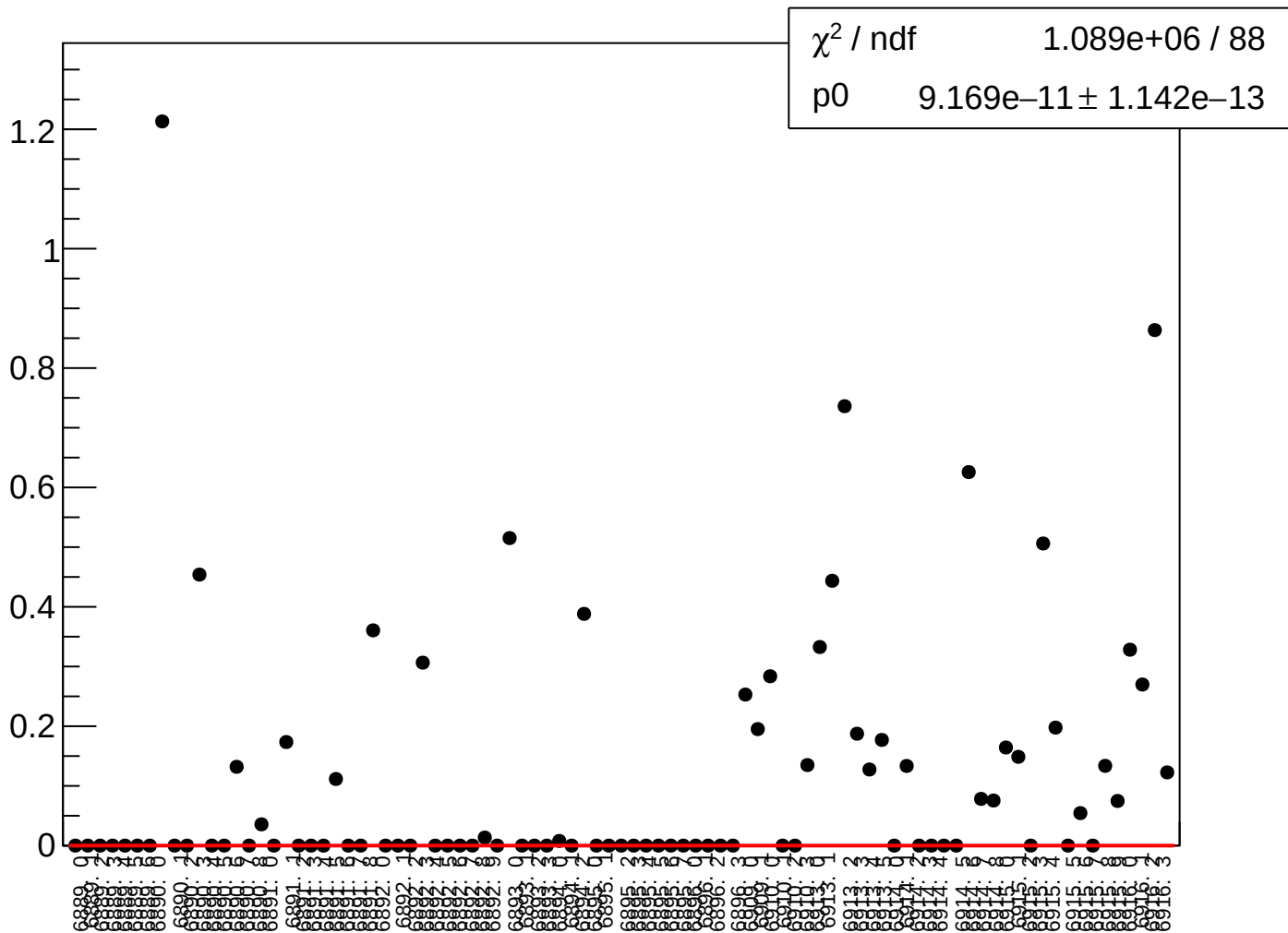
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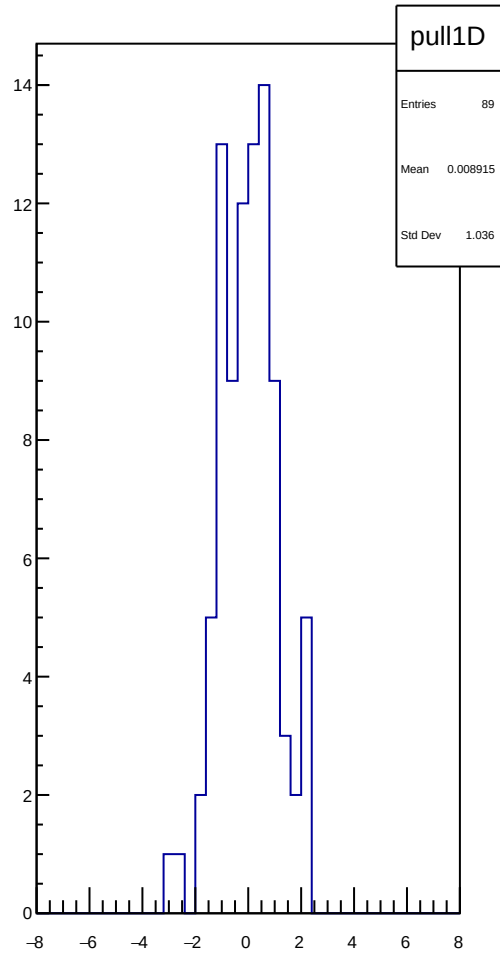
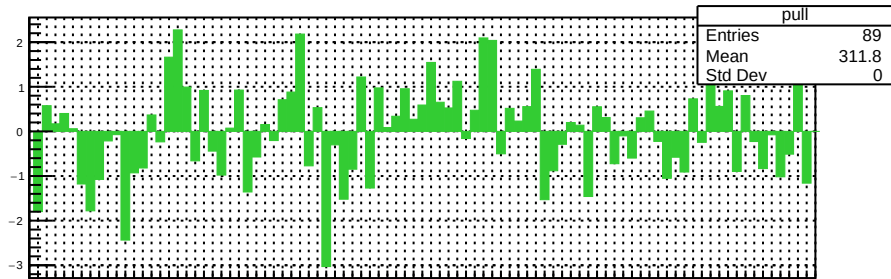
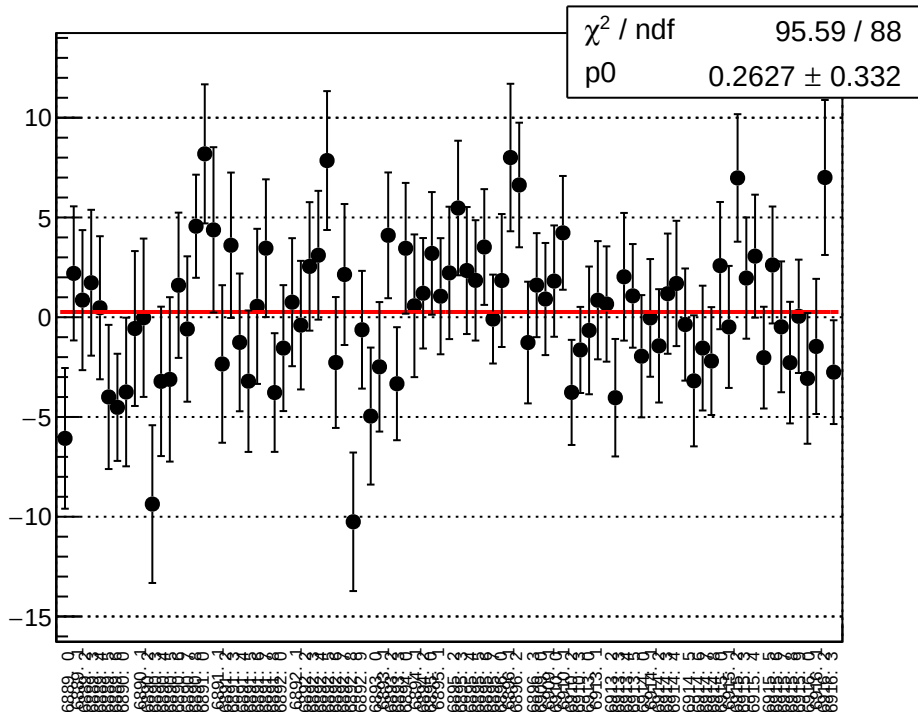
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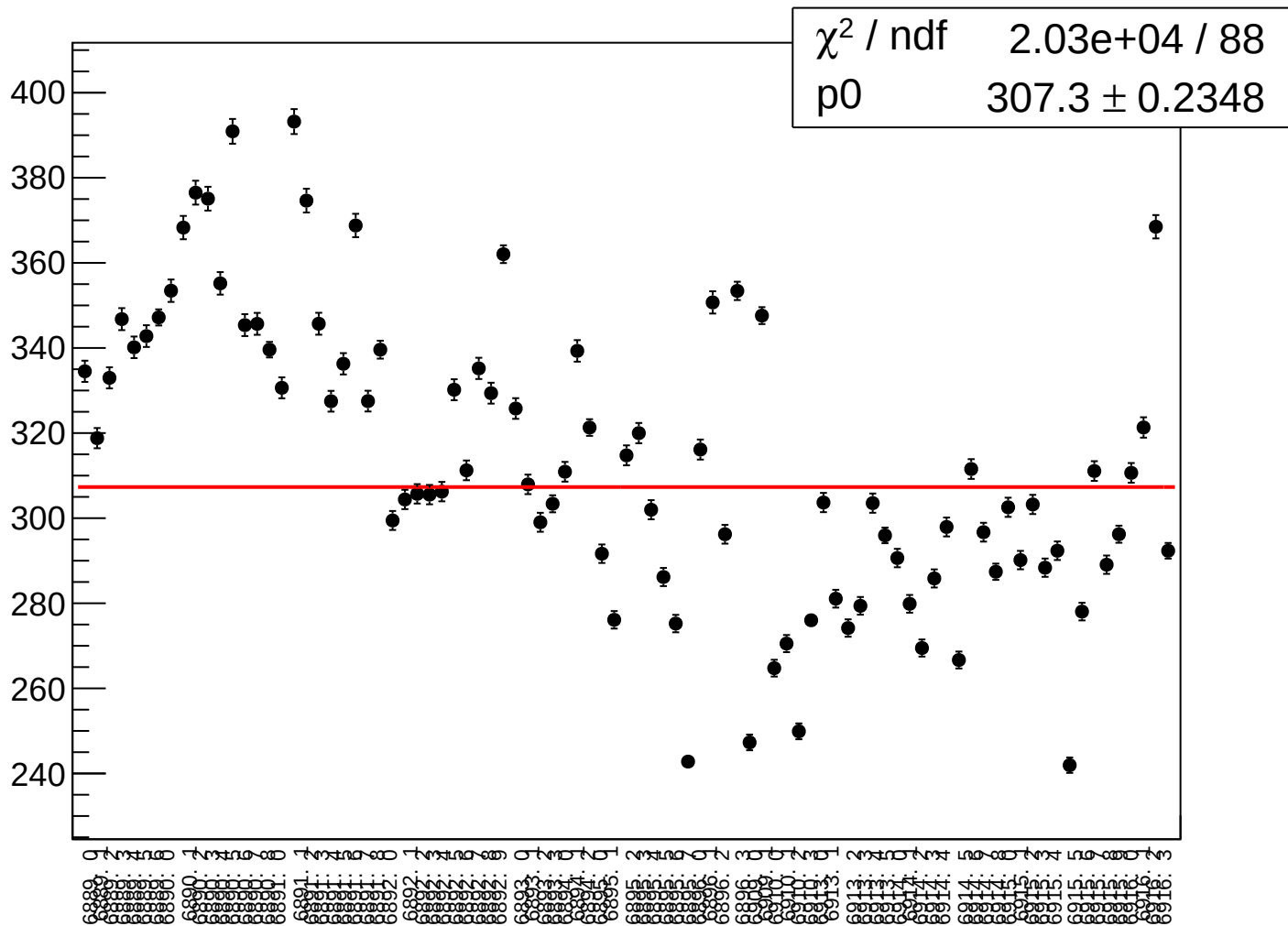
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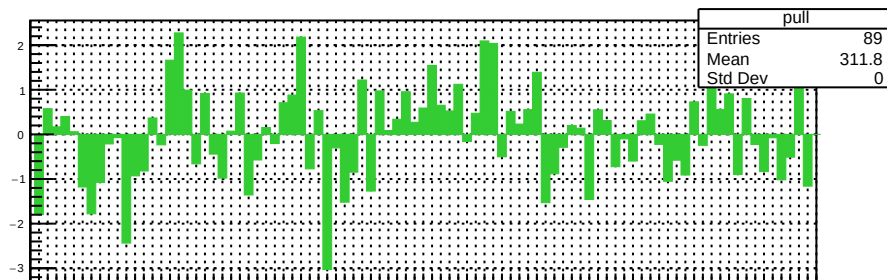
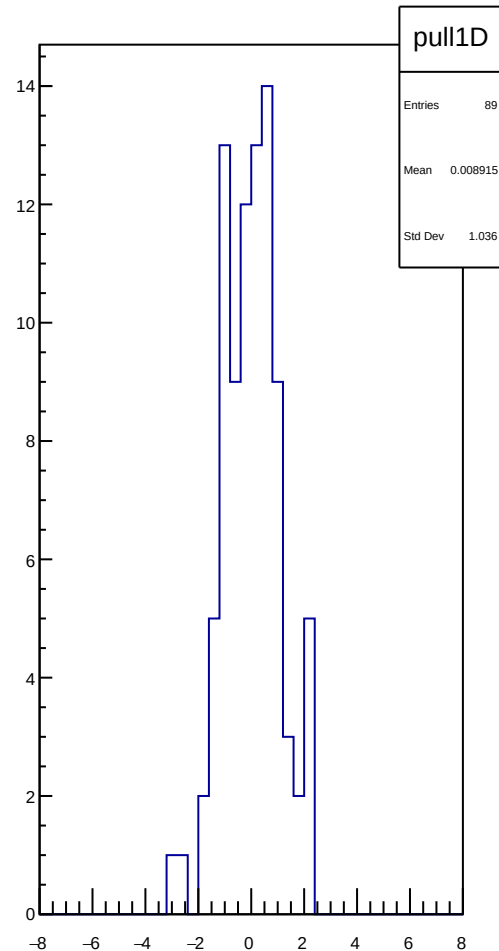
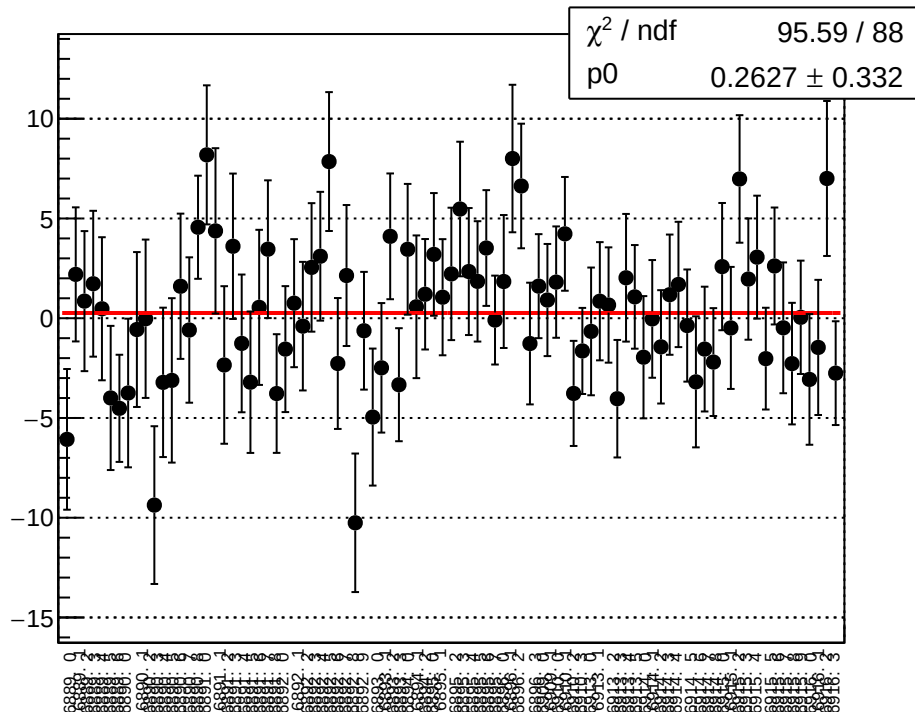
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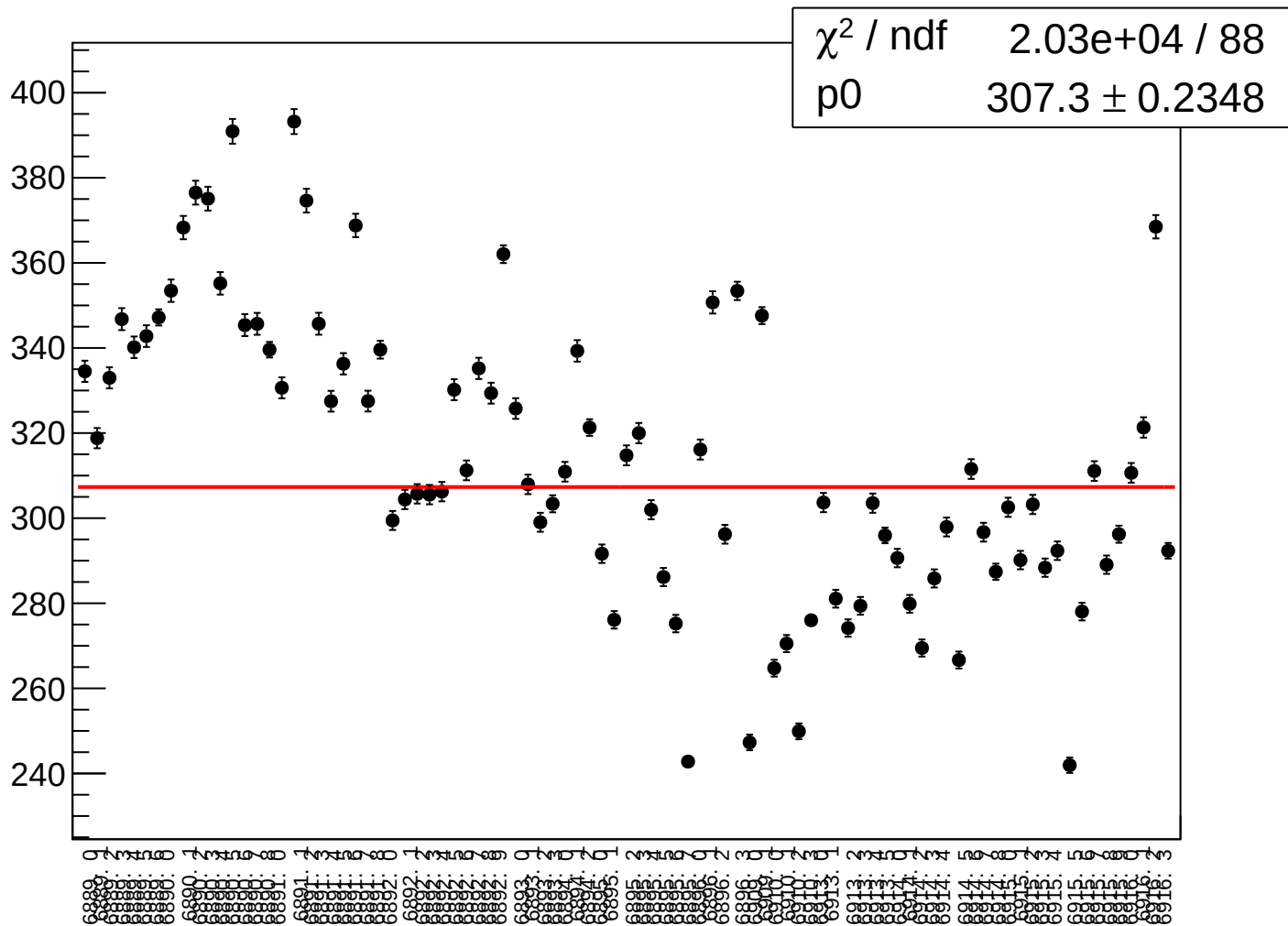
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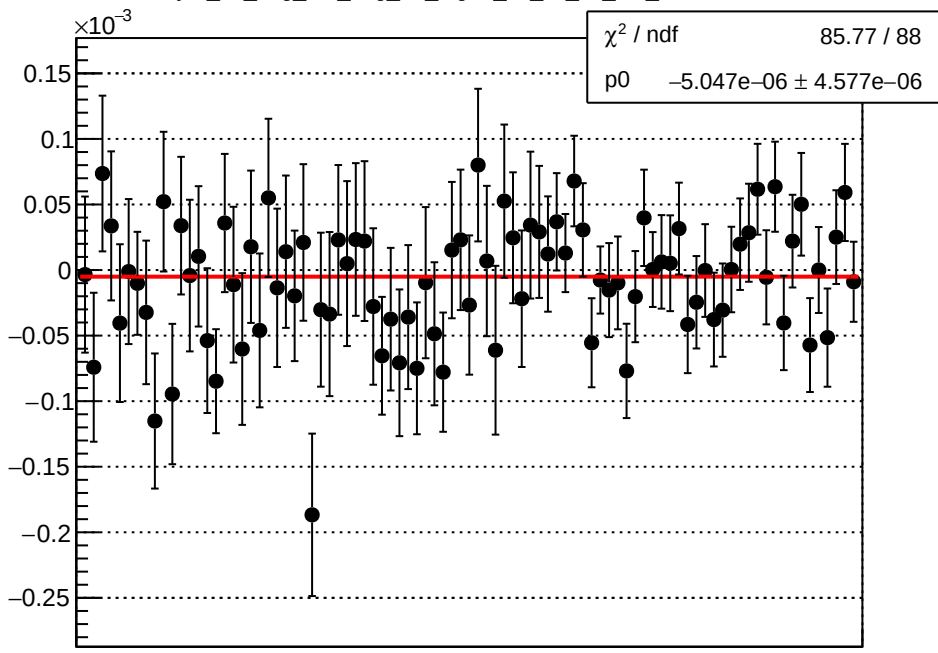
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asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs run

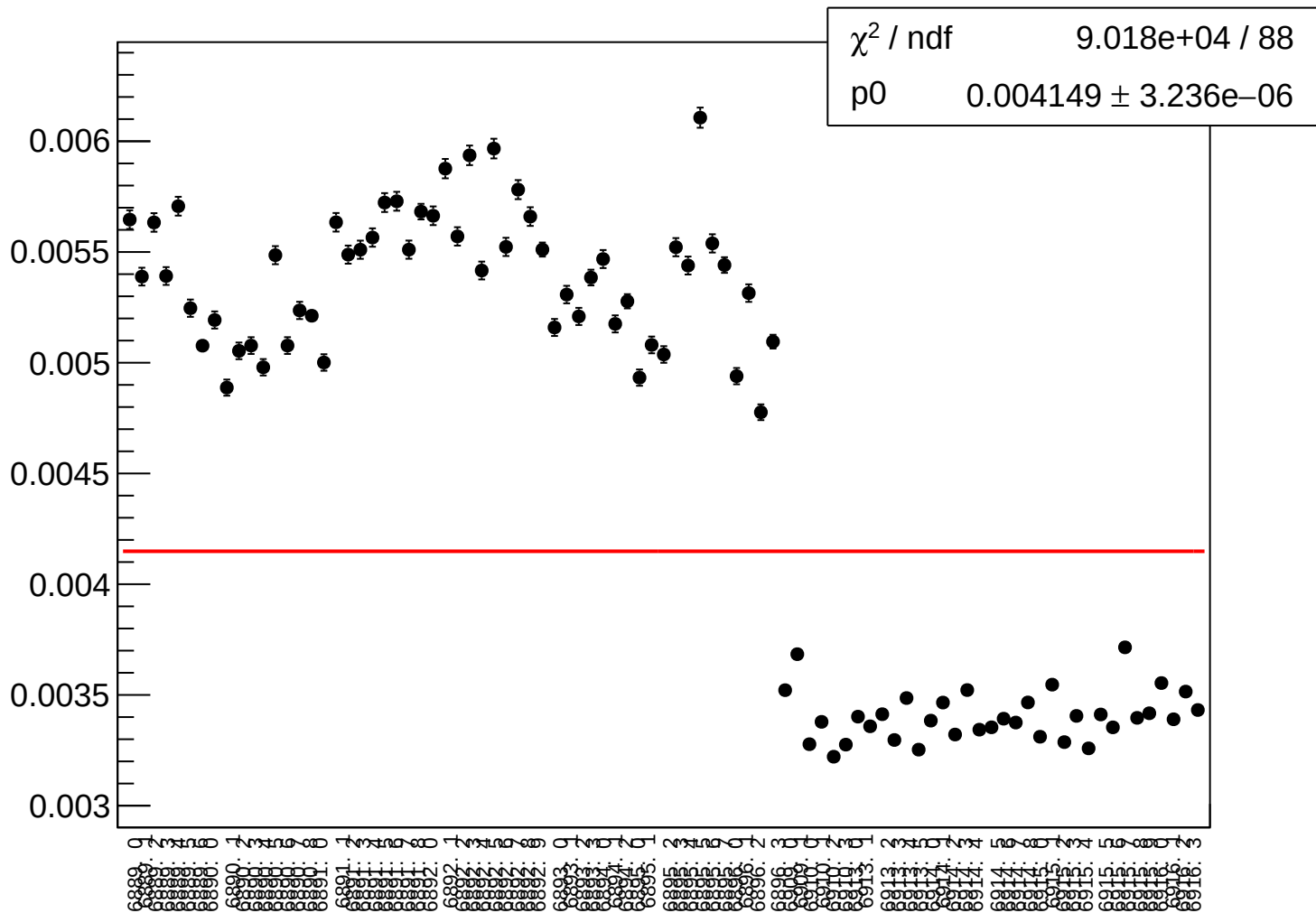


asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_mean vs run

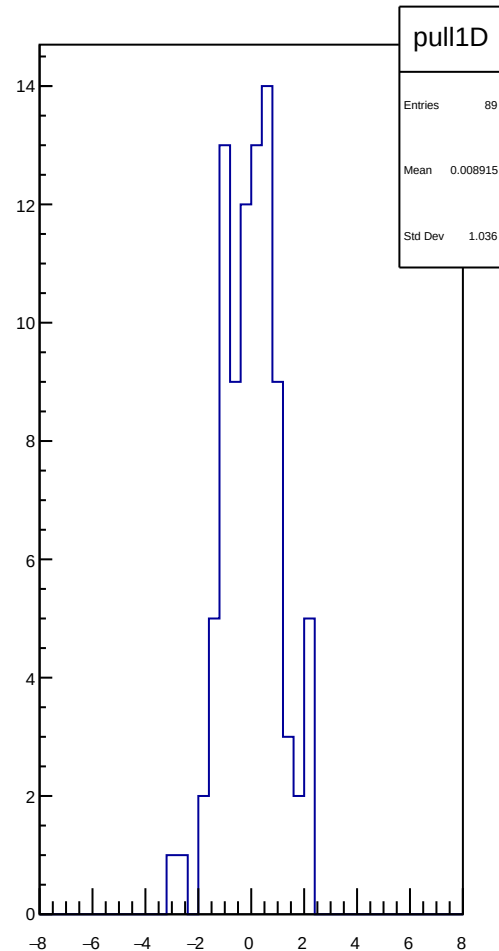
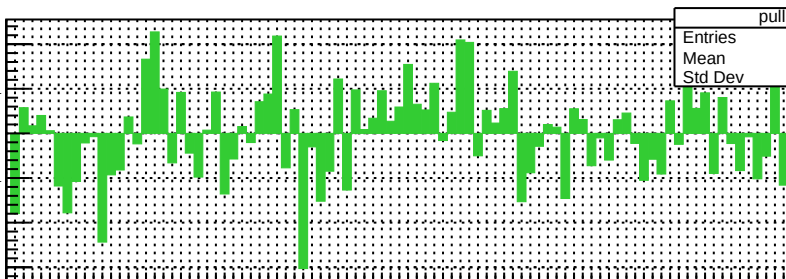
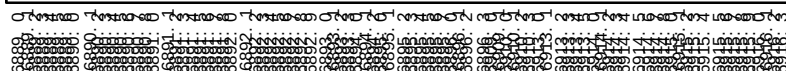


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asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_rms vs run

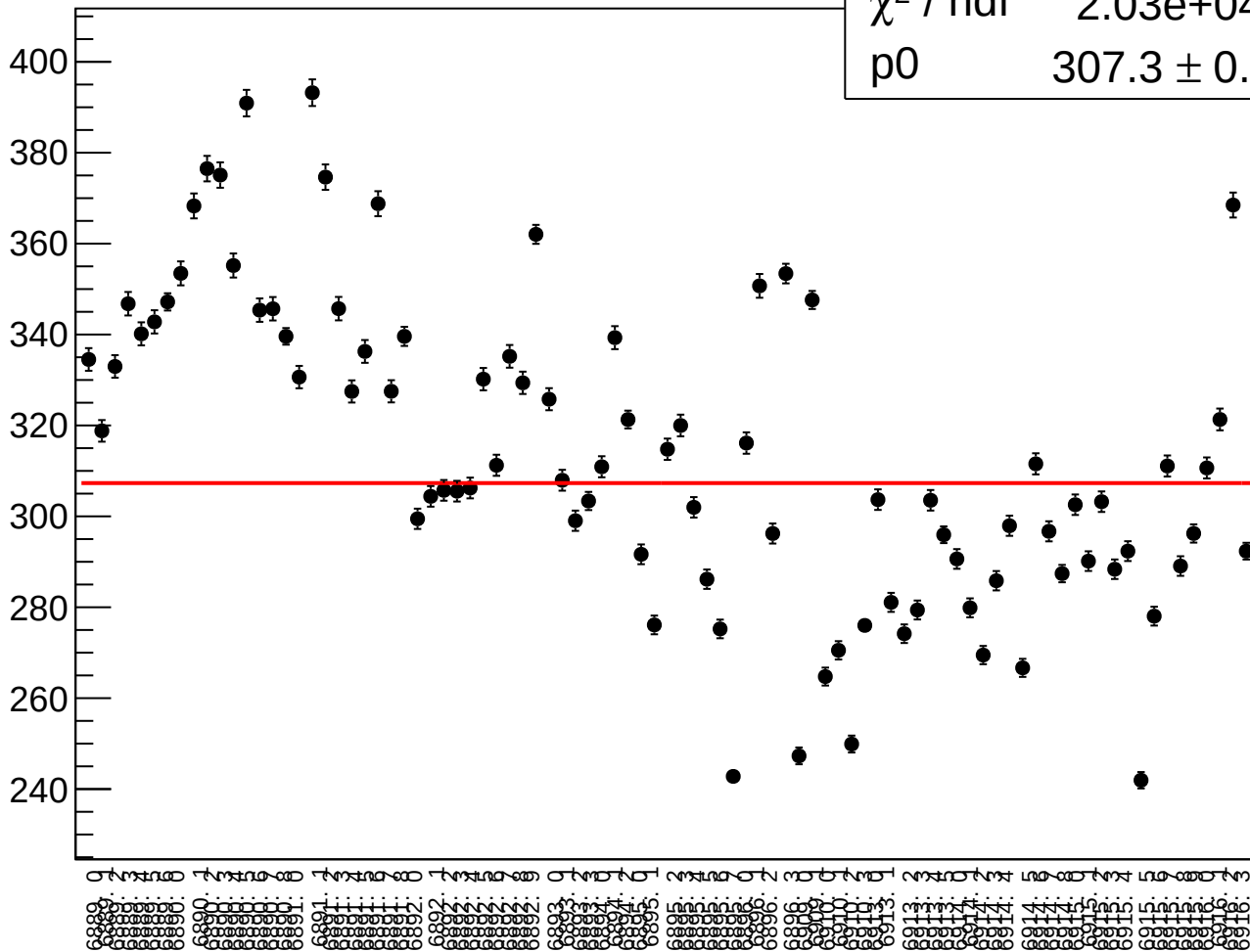


χ^2 / ndf 95.53
p0 0.2627 $\pm$ 0.001

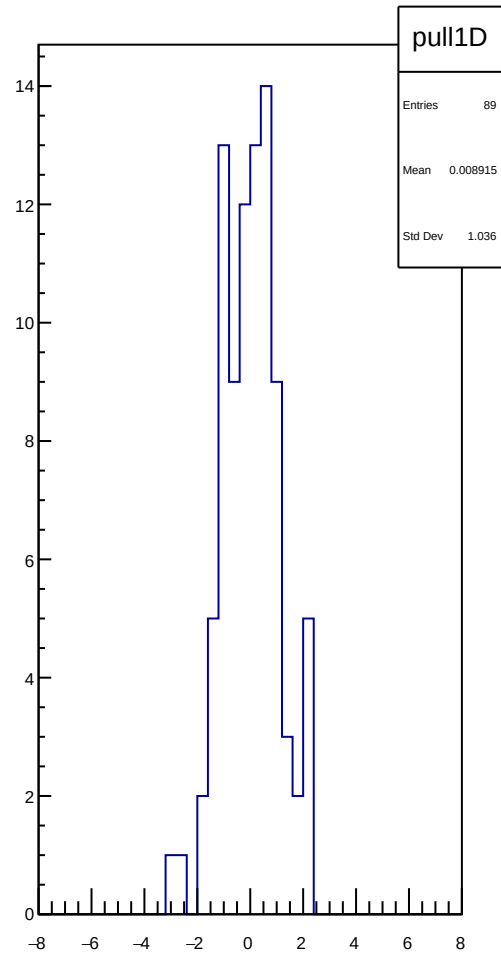
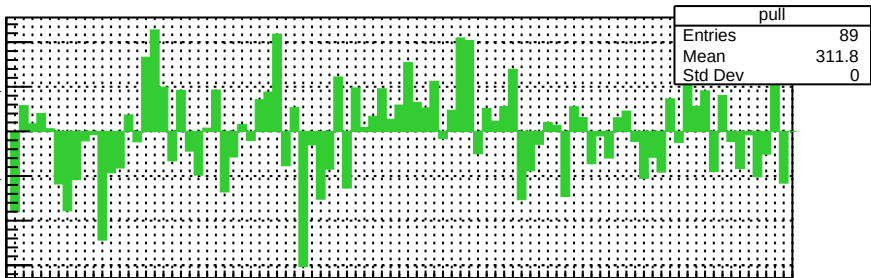


asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs run

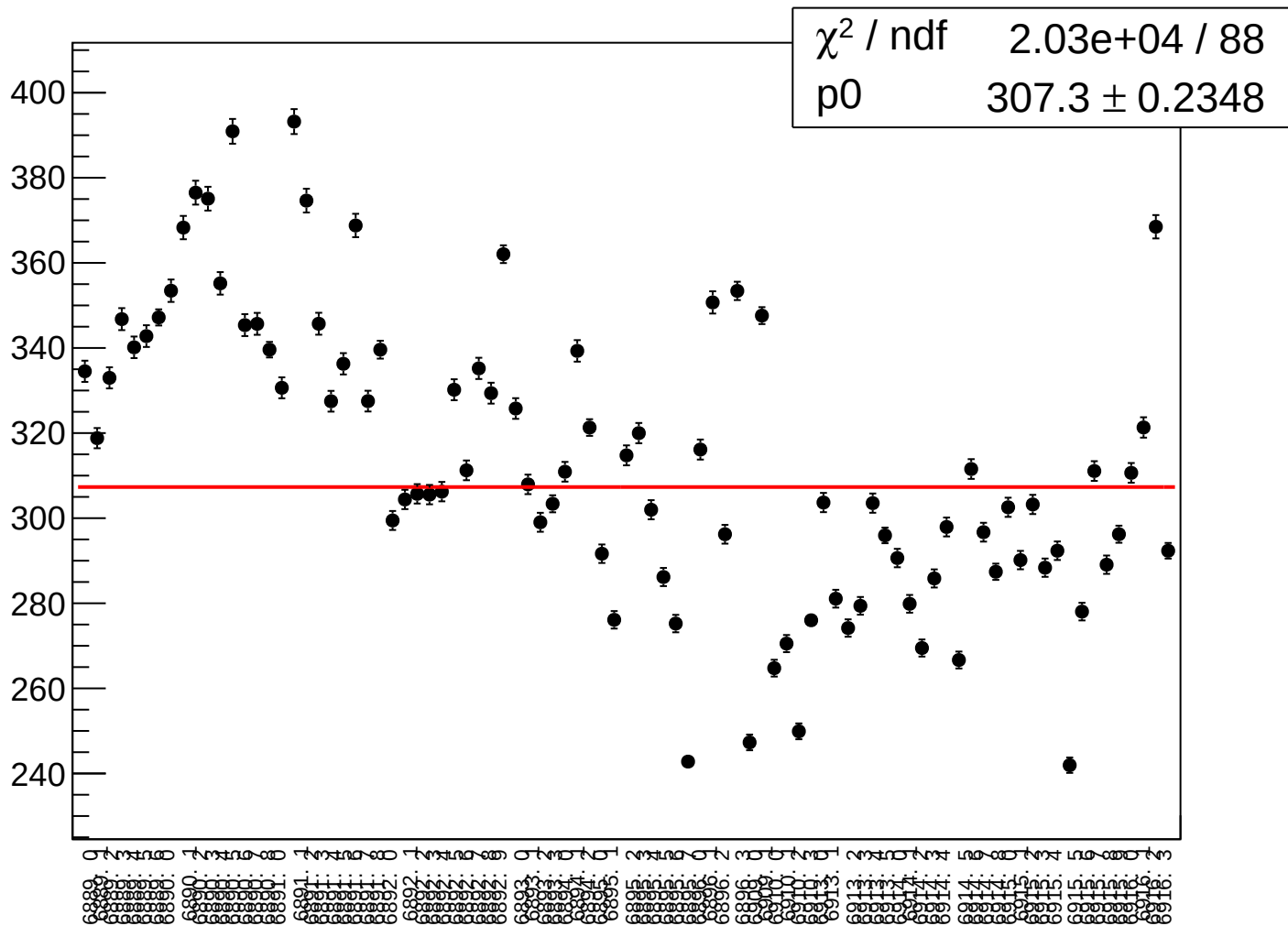
χ^2 / ndf 2.03e+04 / 88
p0 307.3 $\pm$ 0.2348



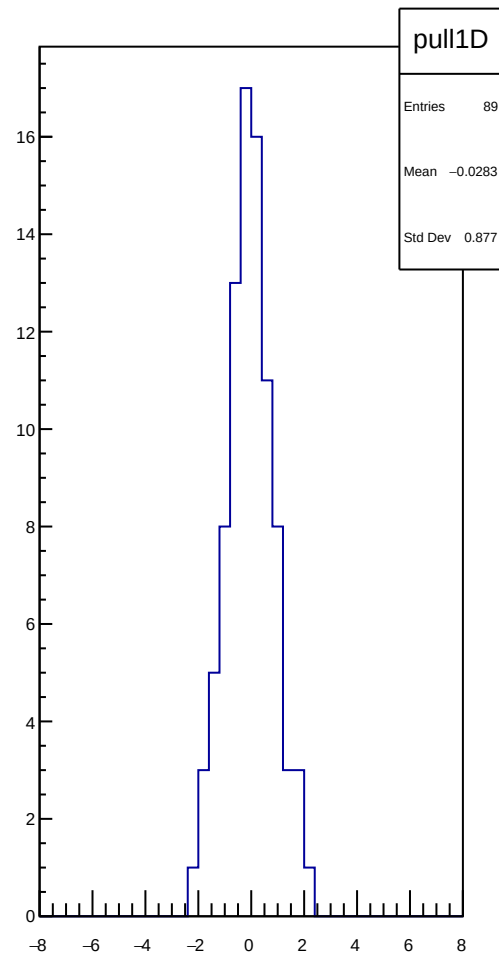
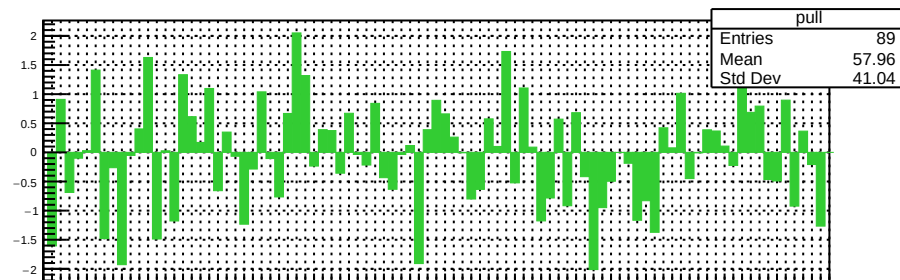
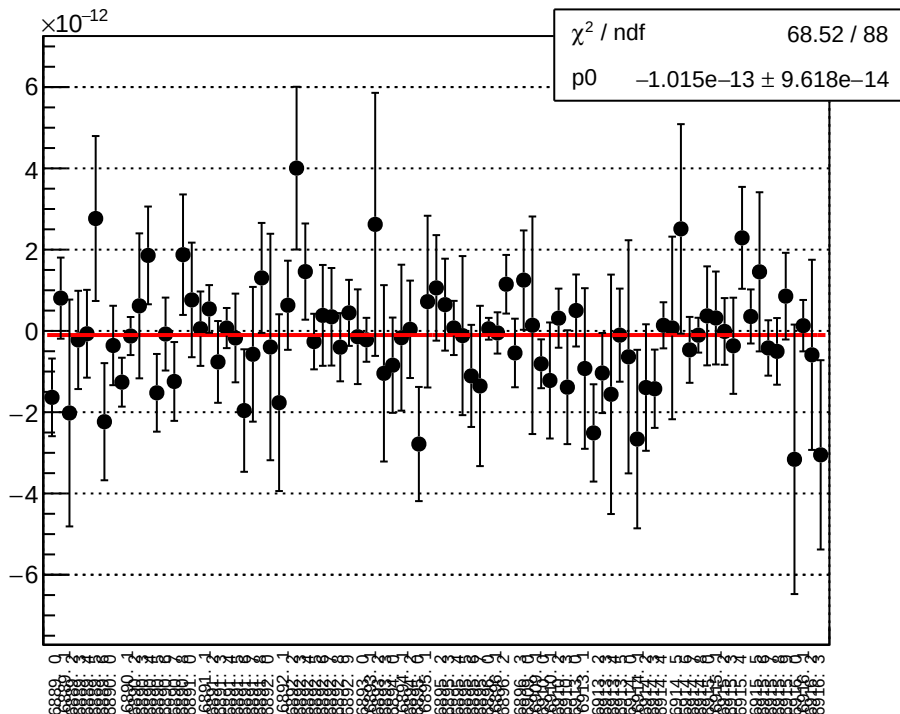
χ^2 / ndf 95.59 / 88
 p_0 0.2627 ± 0.332



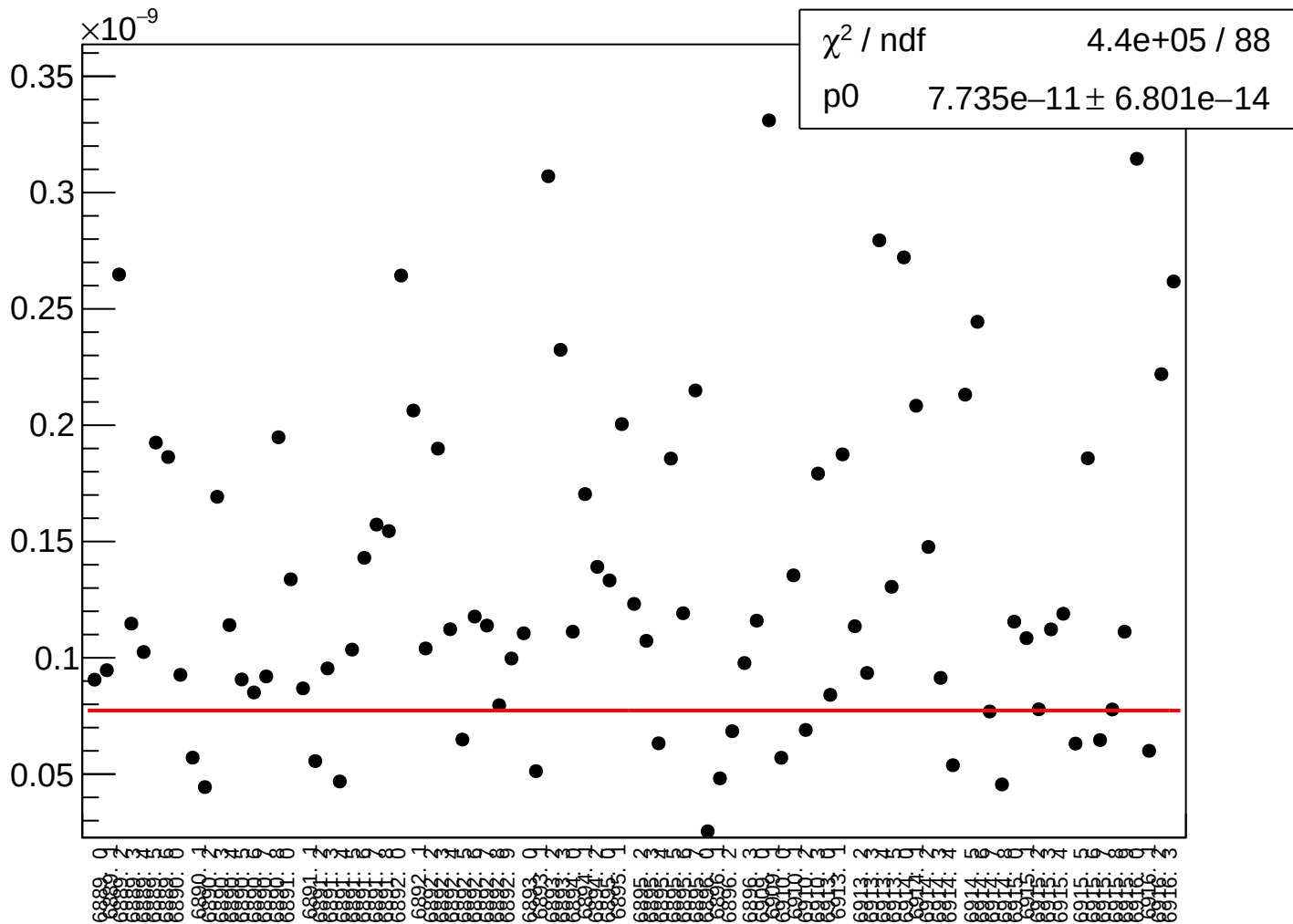
asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



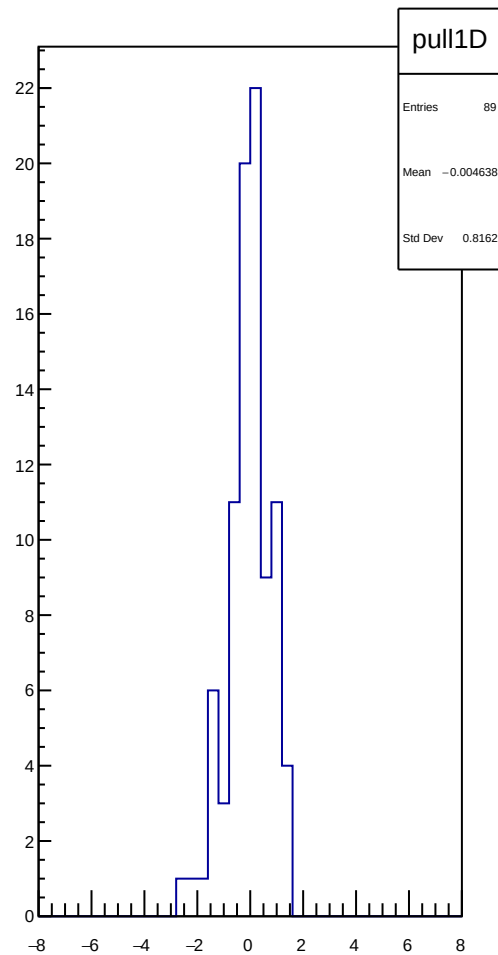
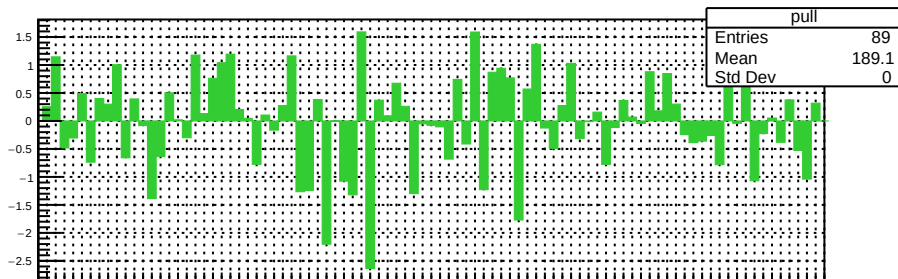
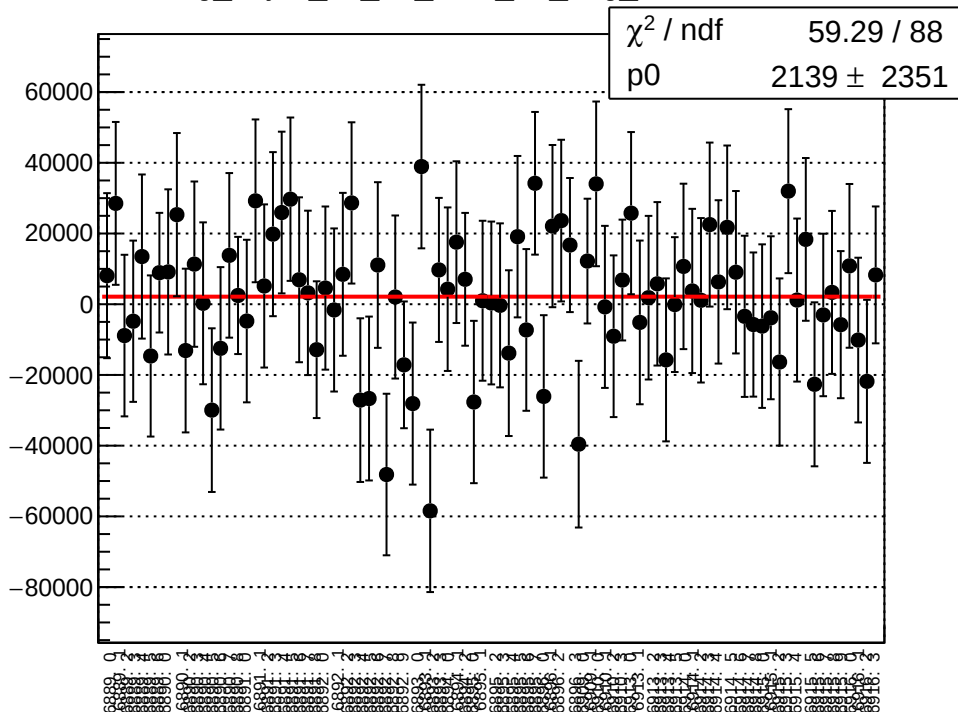
asym_us_avg_atr_avg_dd_eigen_cor_vs_cor_diff_mean vs run



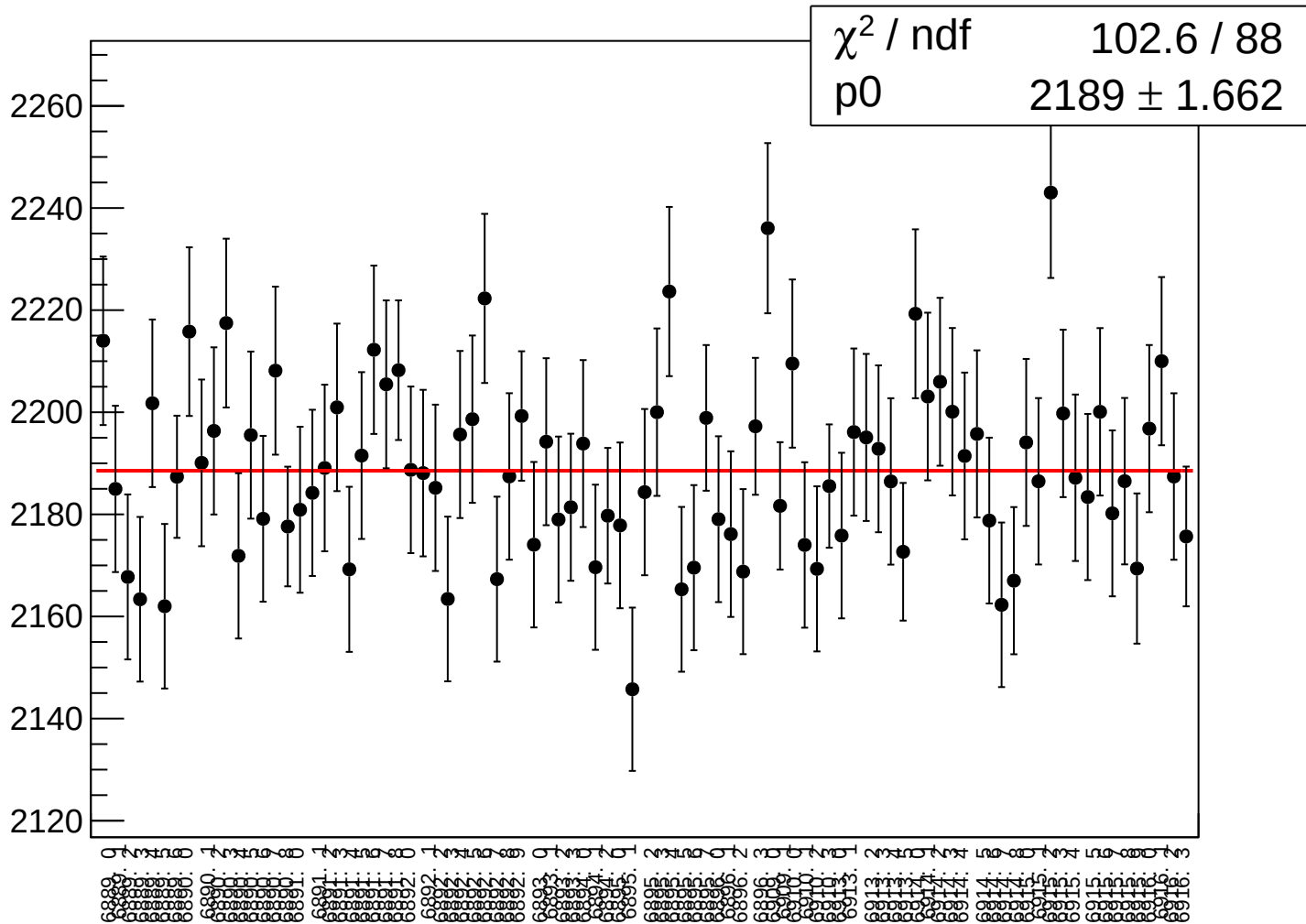
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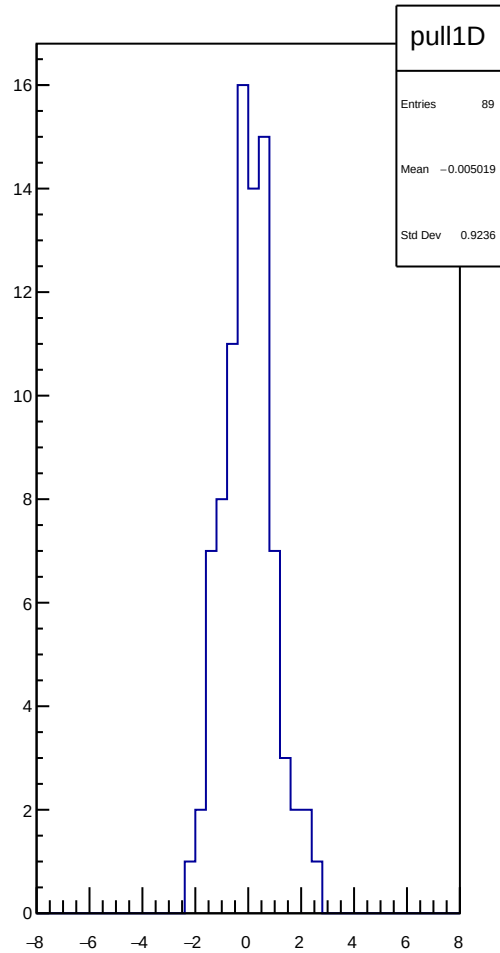
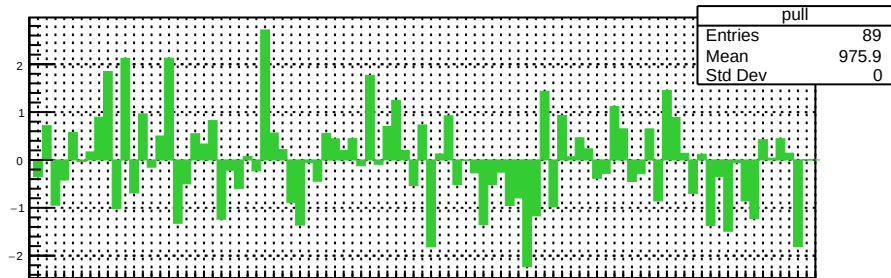
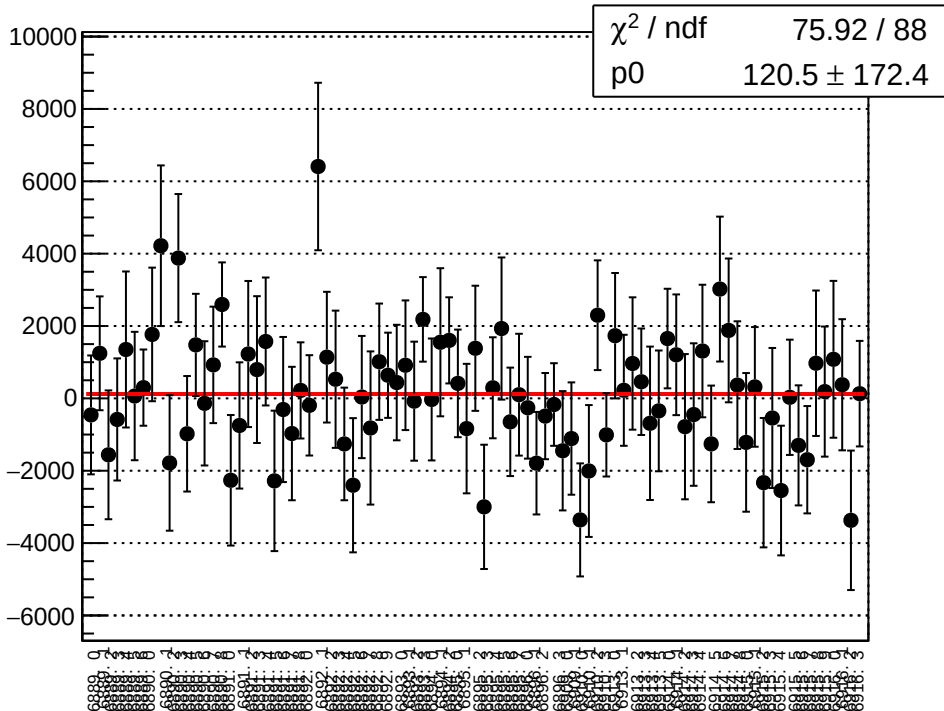
reg_asym_us_dd_at1lr_dd_avg_mean vs run



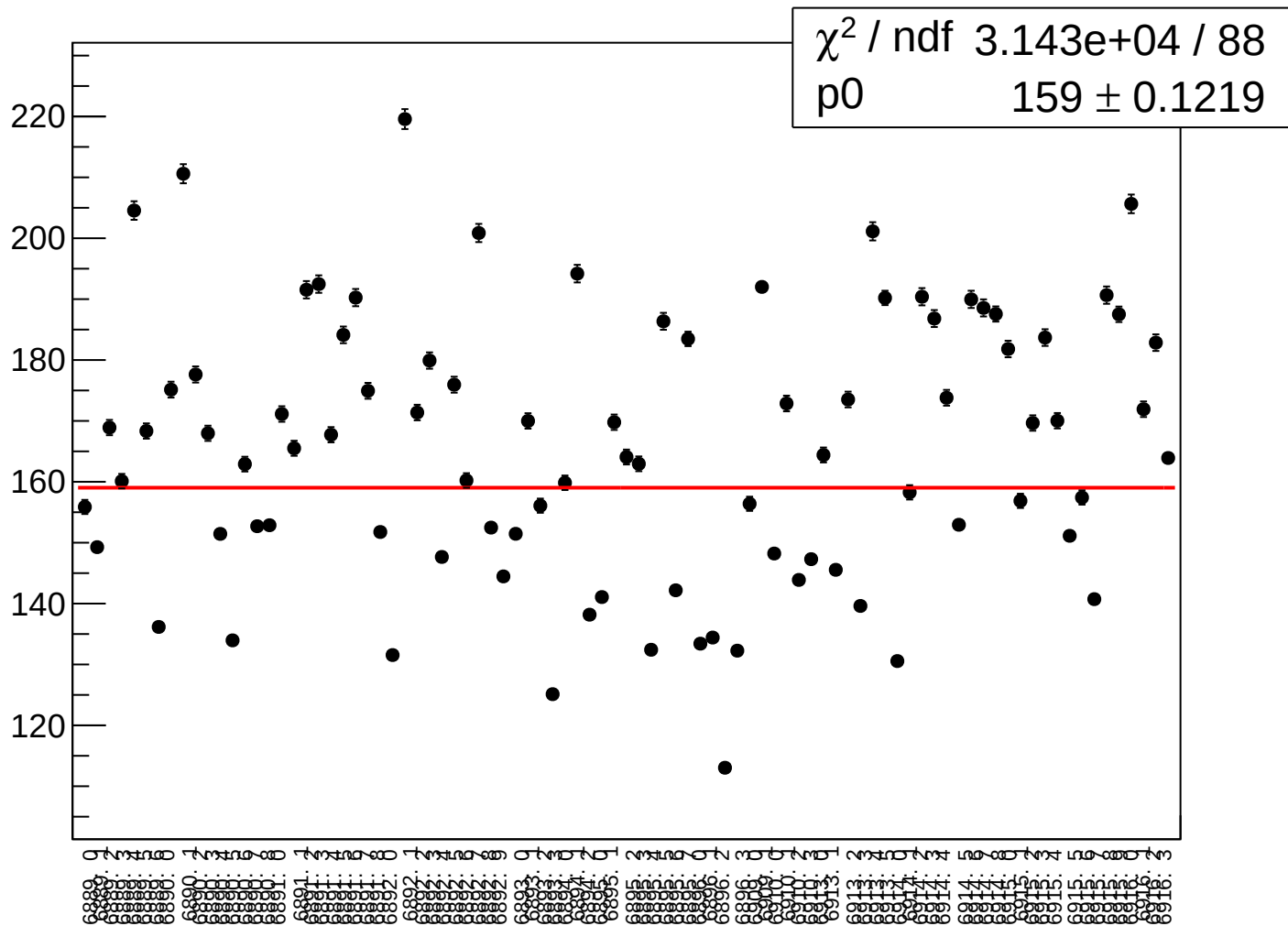
reg_asym_us_dd_at1lr_dd_avg_rms vs run



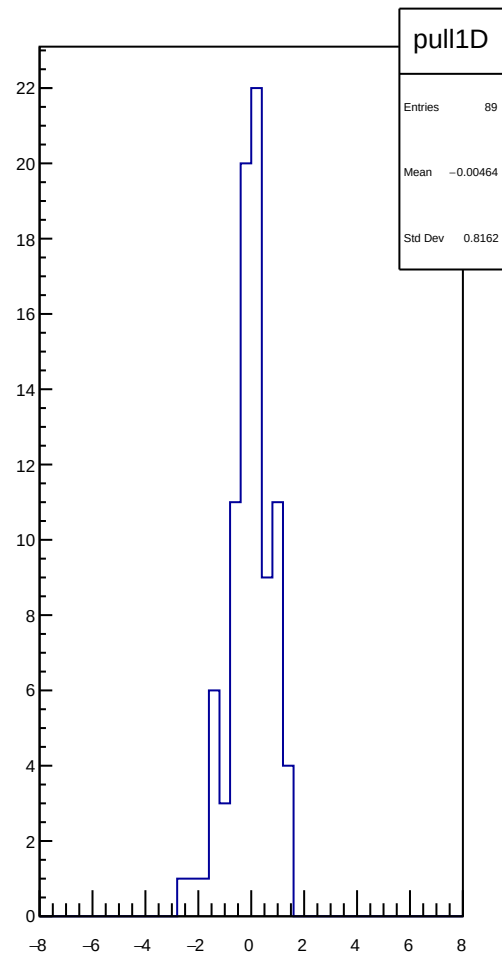
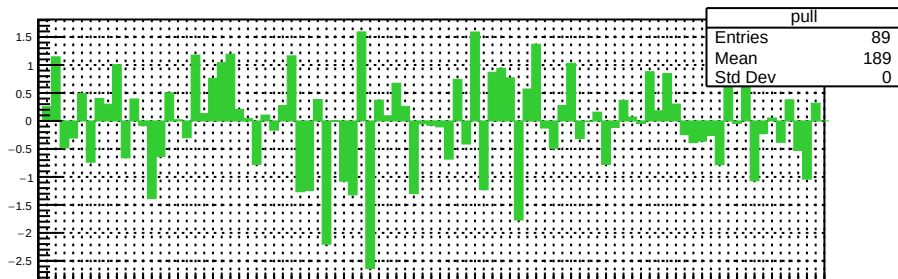
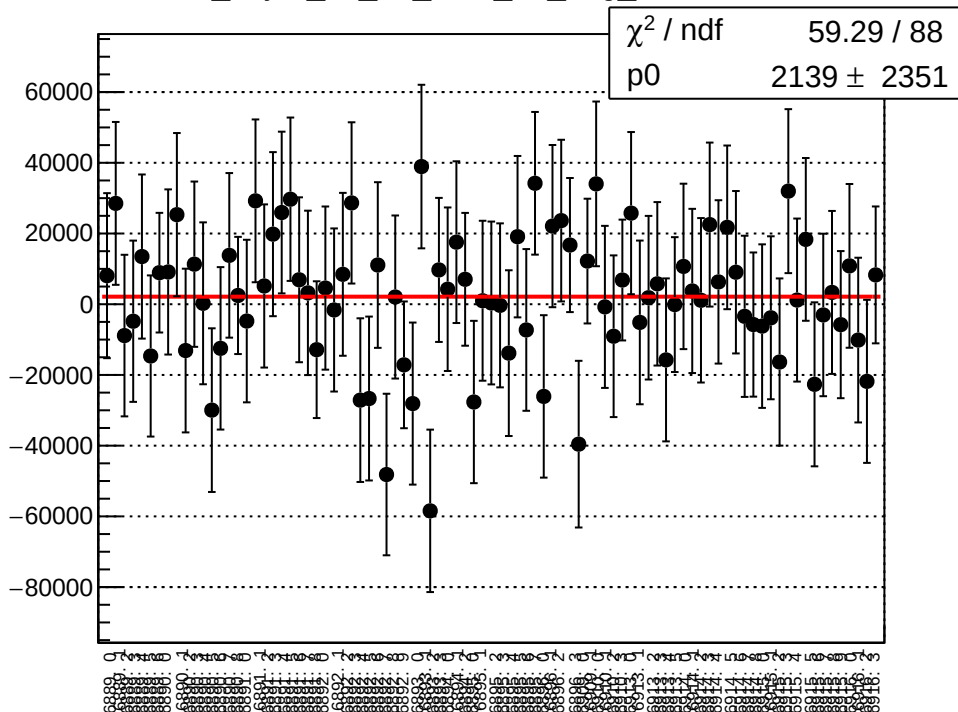
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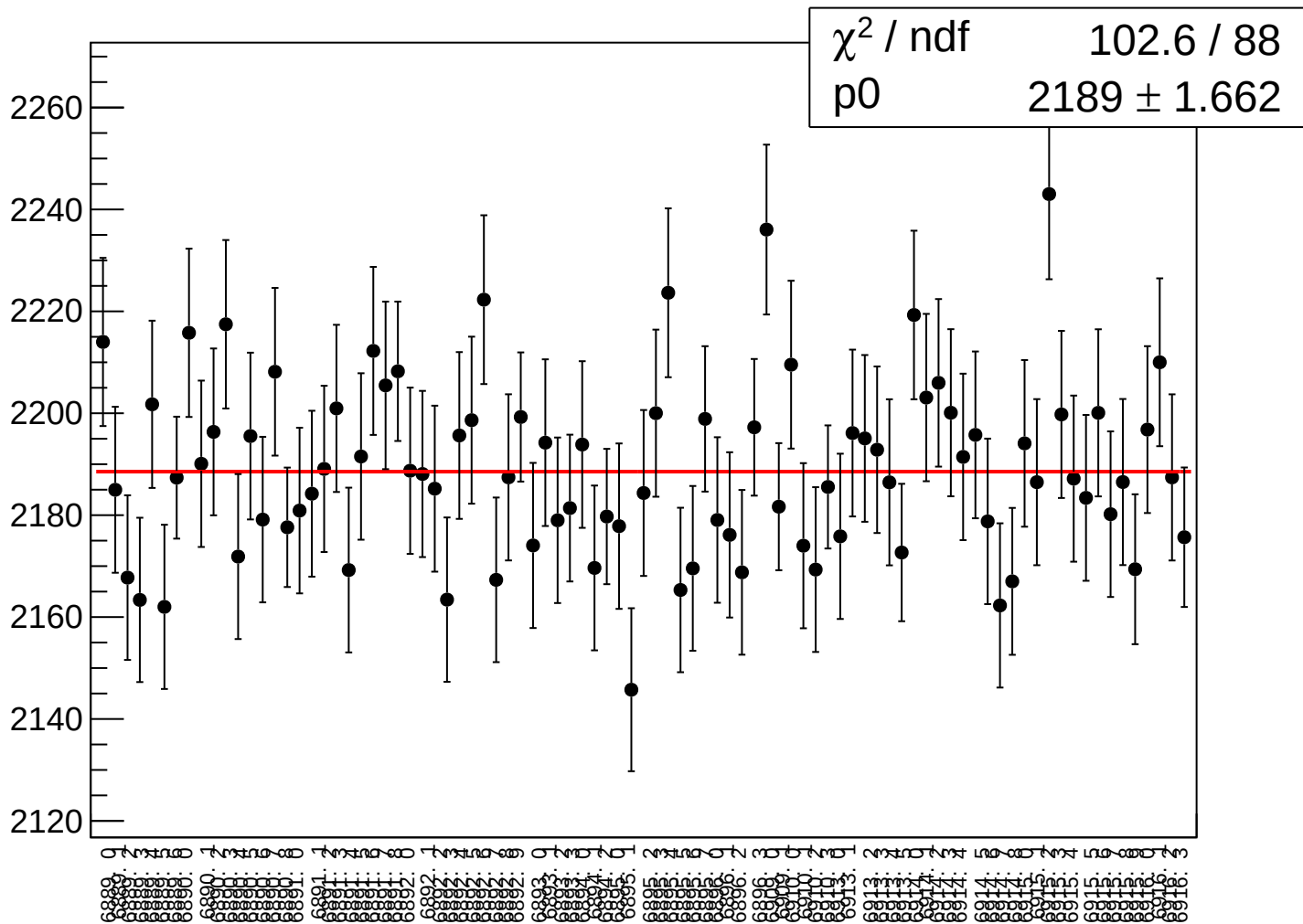
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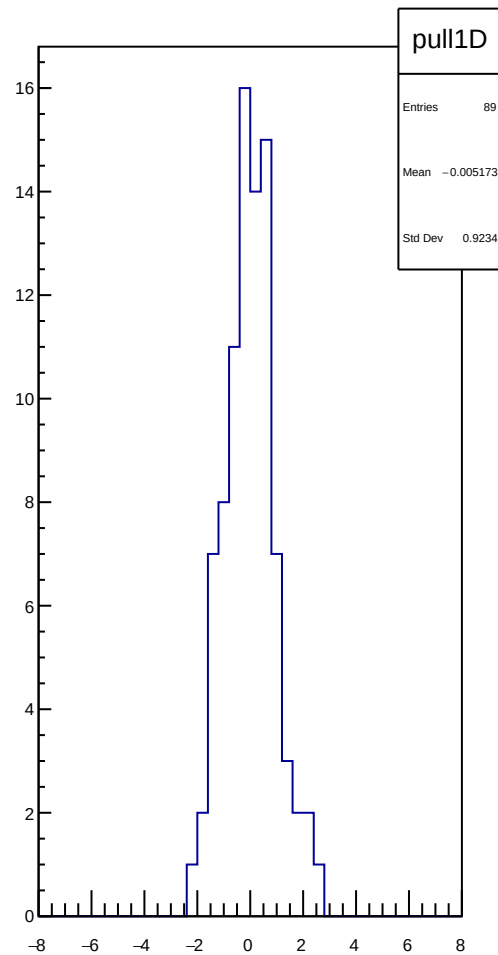
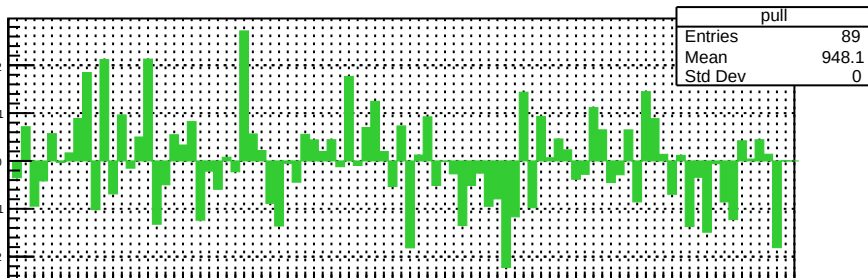
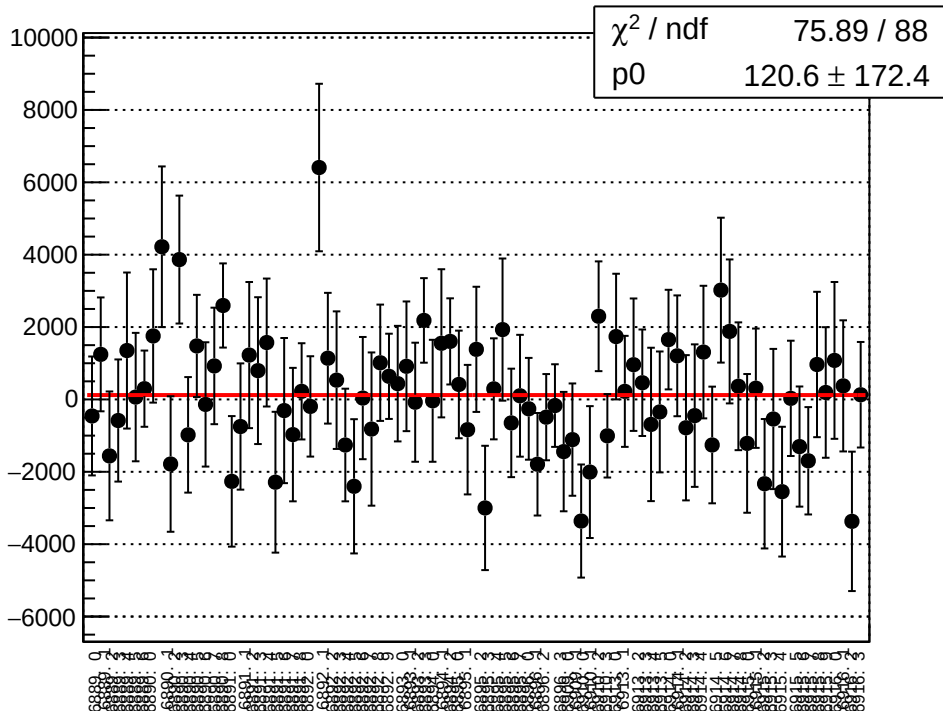
cor_asym_us_dd_at1lr_dd_avg_mean vs run



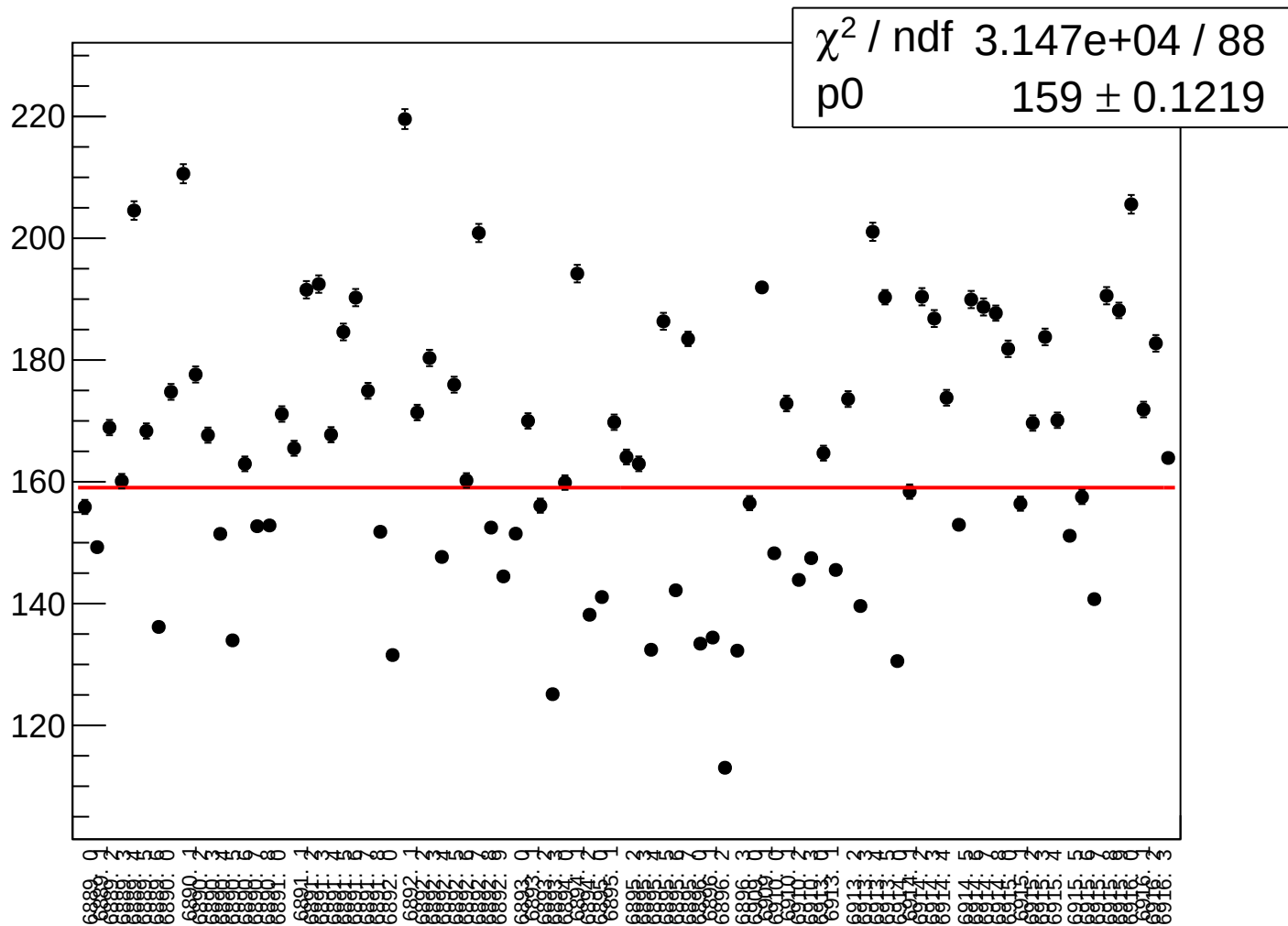
cor_asym_us_dd_at1lr_dd_avg_rms vs run



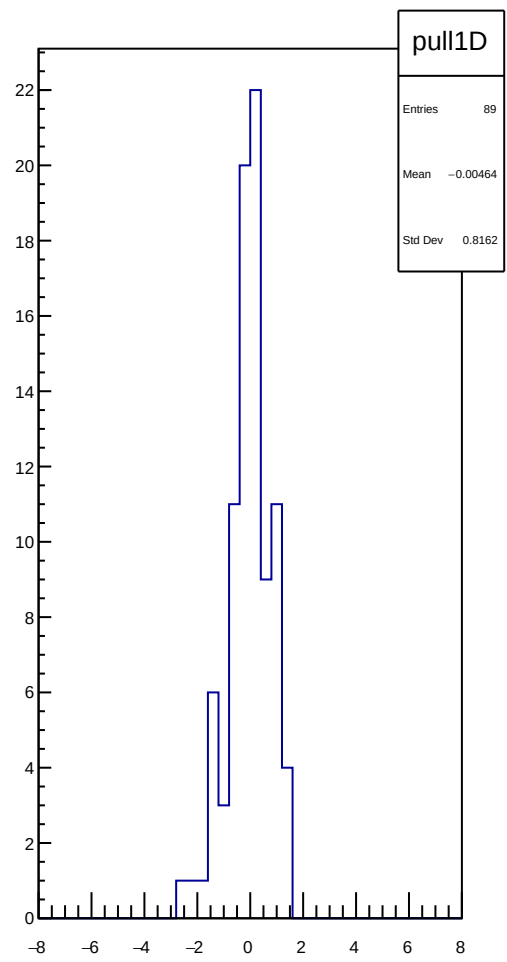
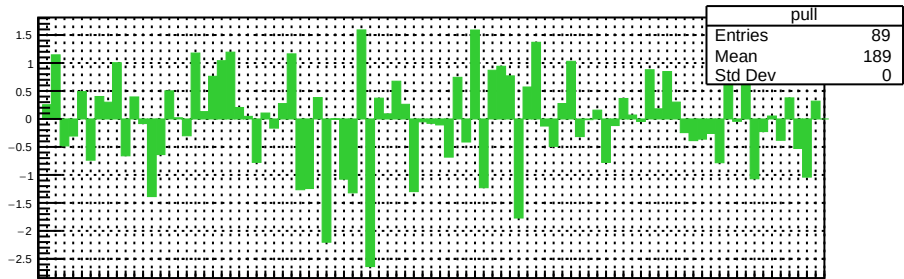
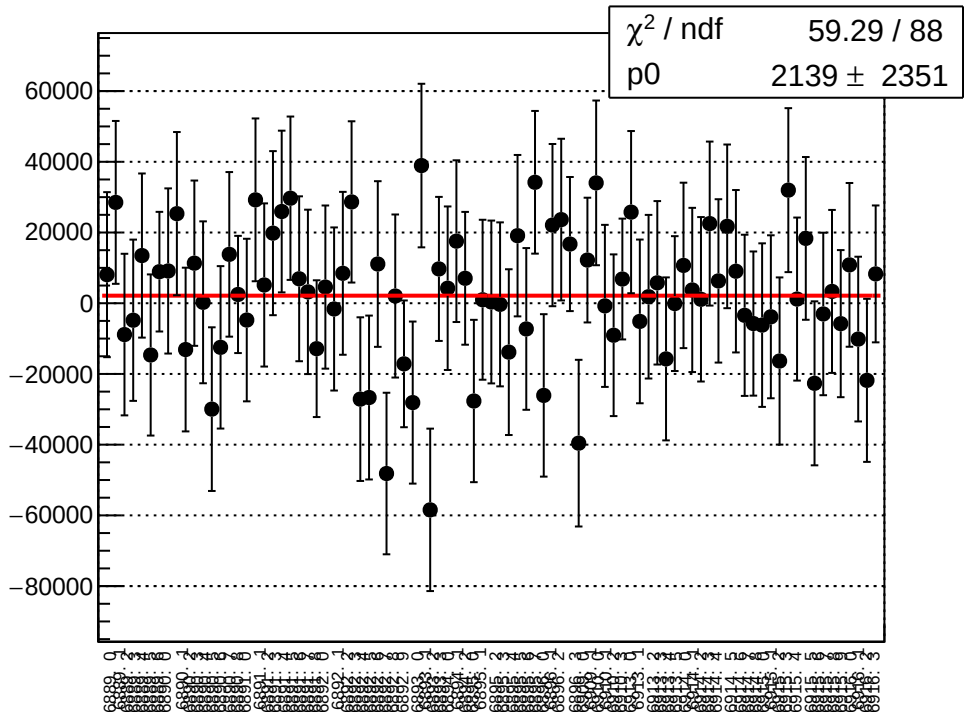
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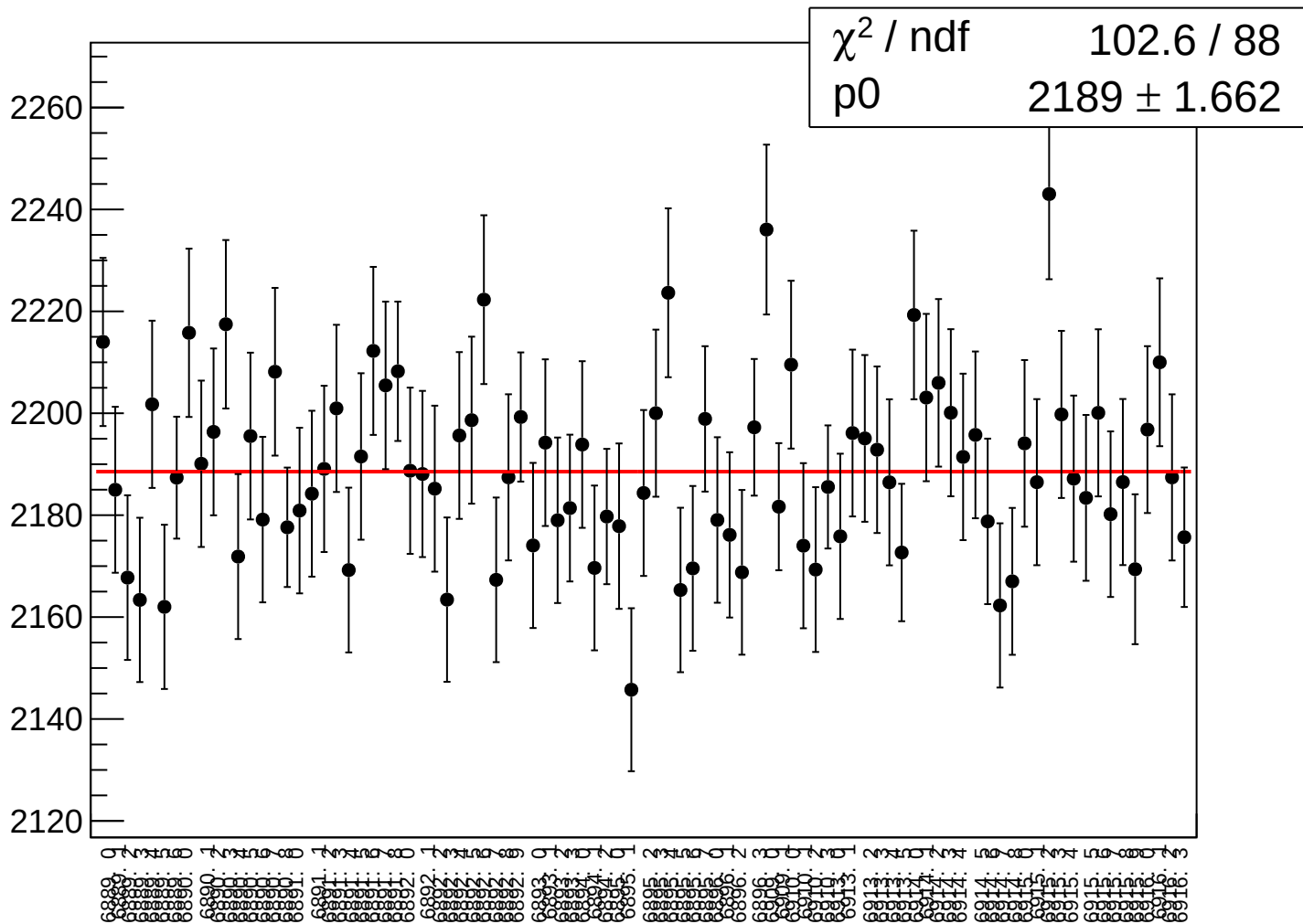
asym_us_dd_at1lr_dd_avg_cor_correction_rms vs run



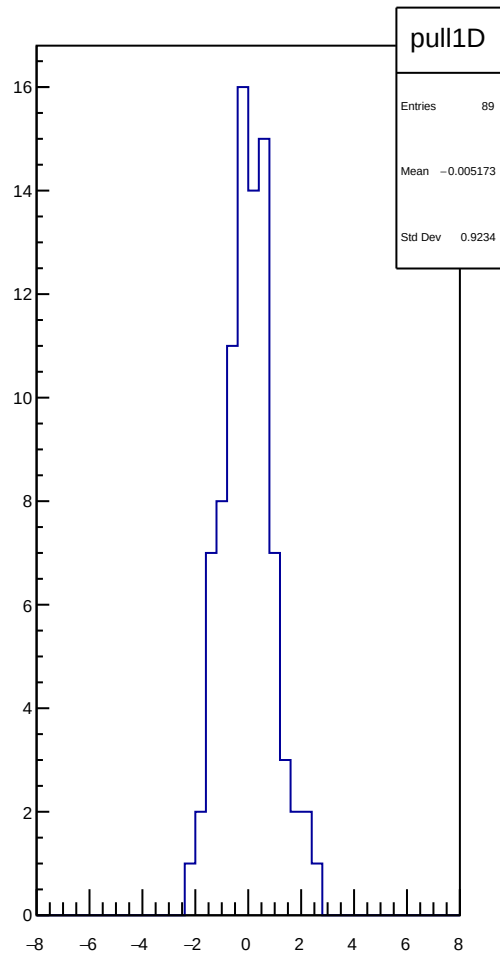
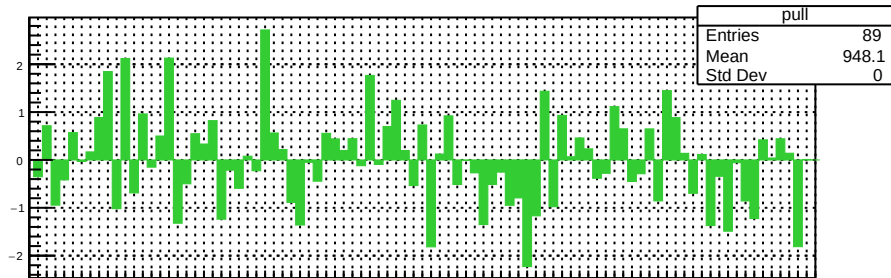
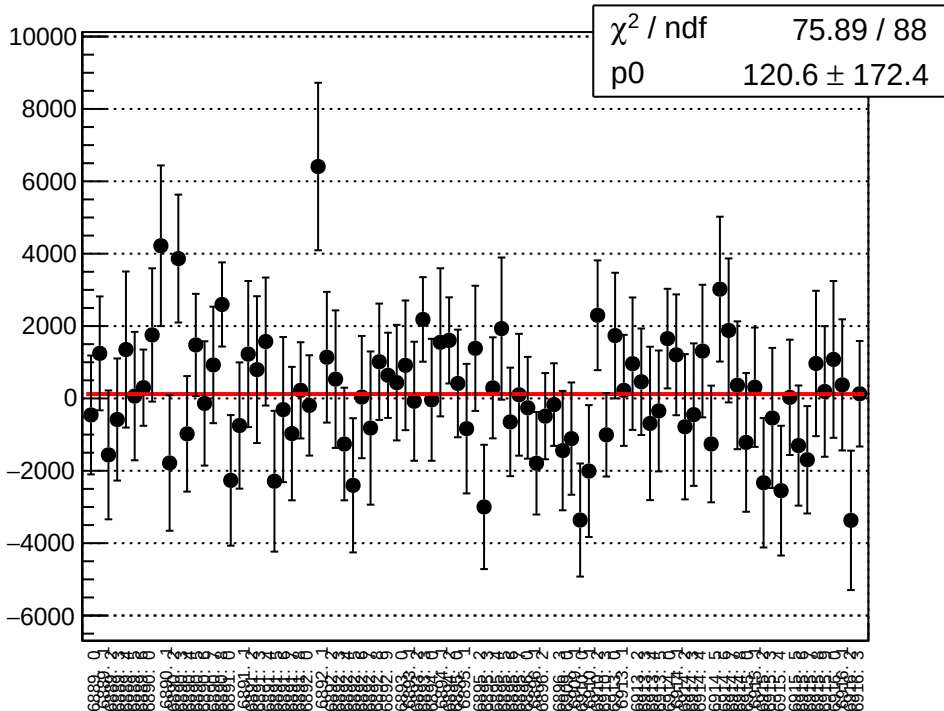
eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs run



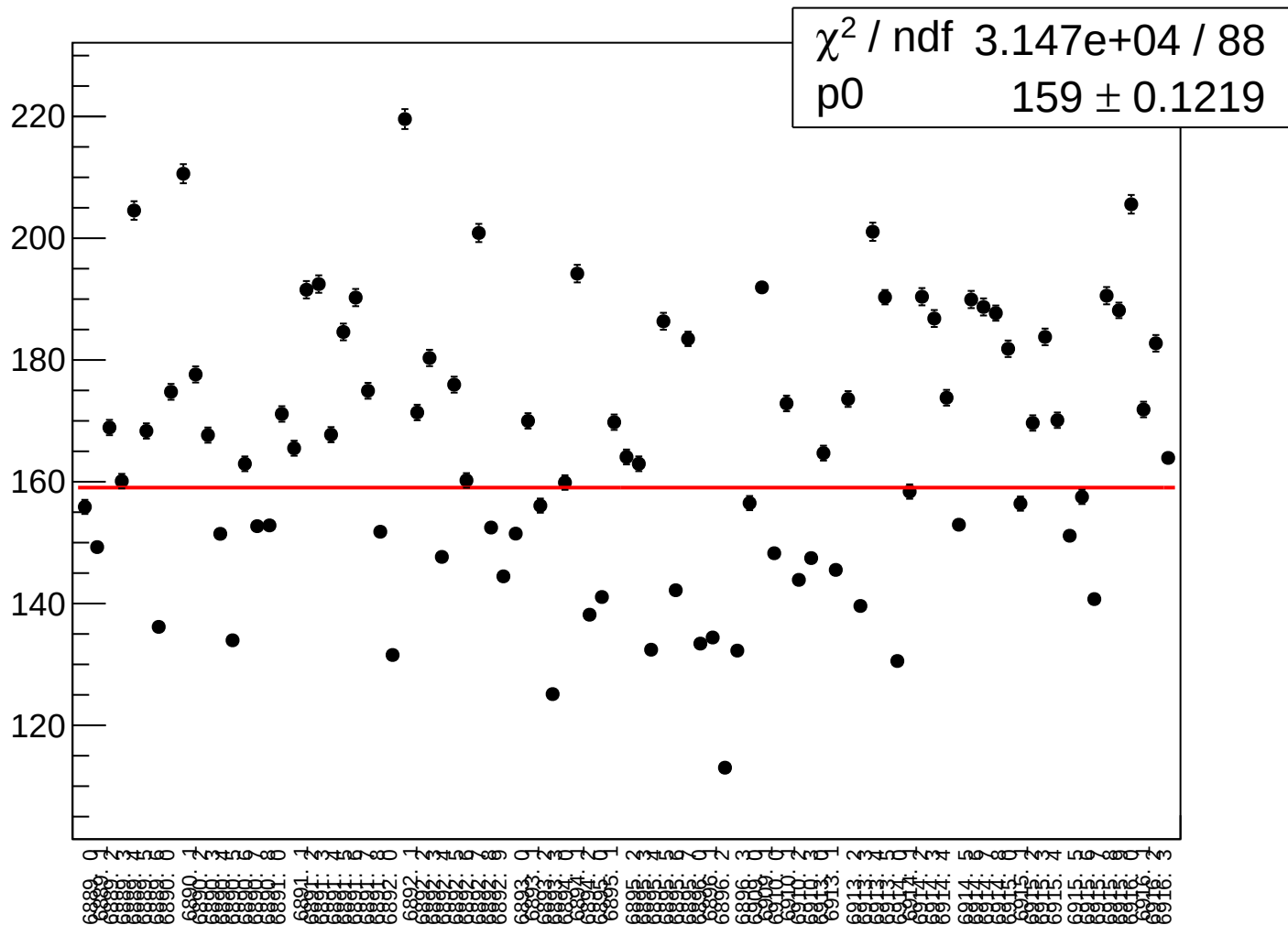
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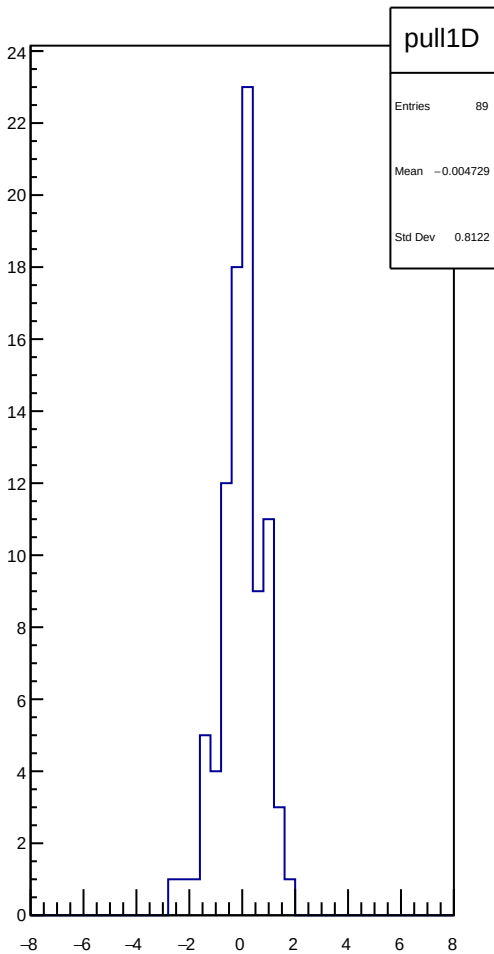
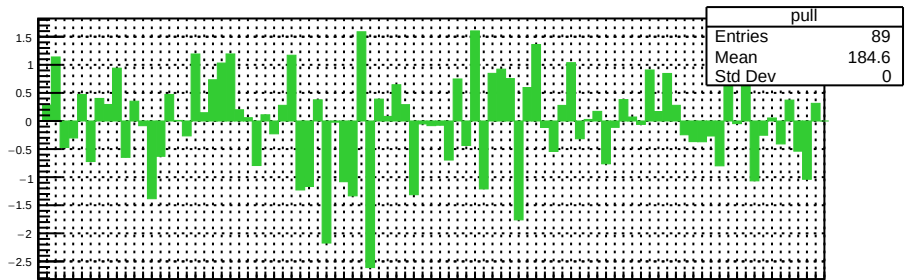
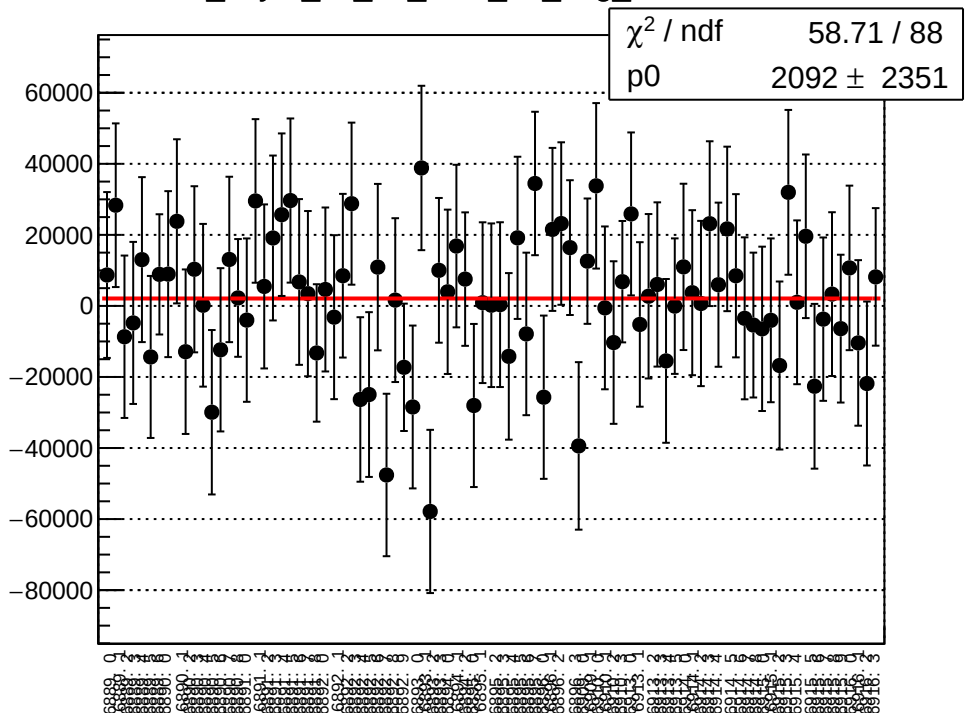
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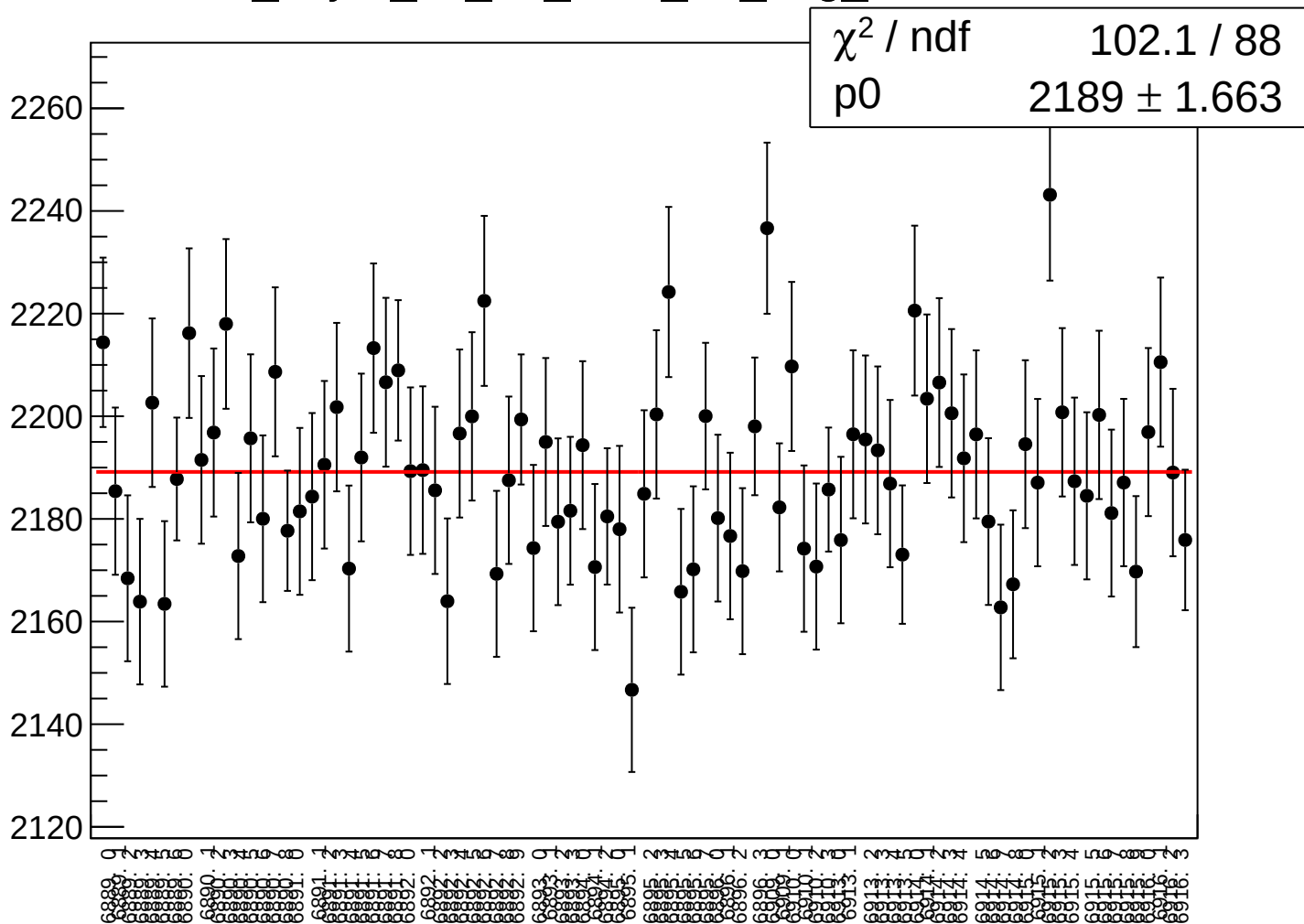
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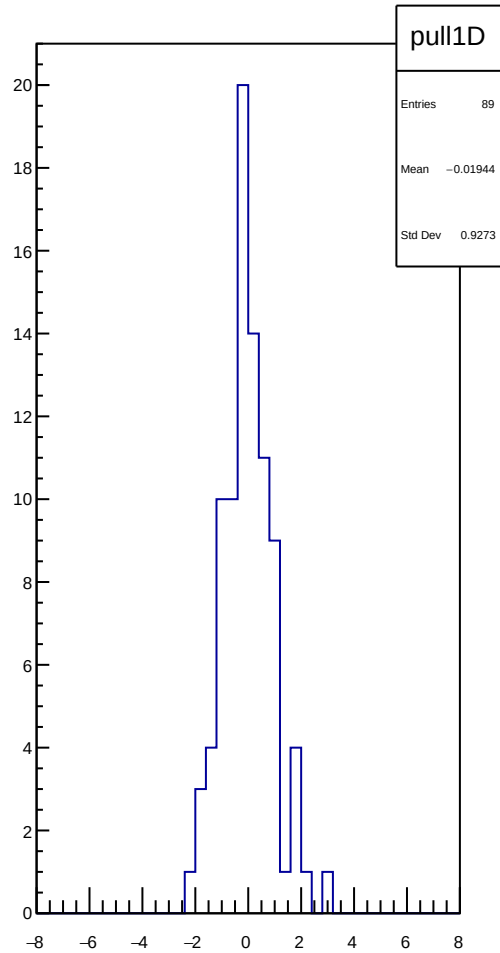
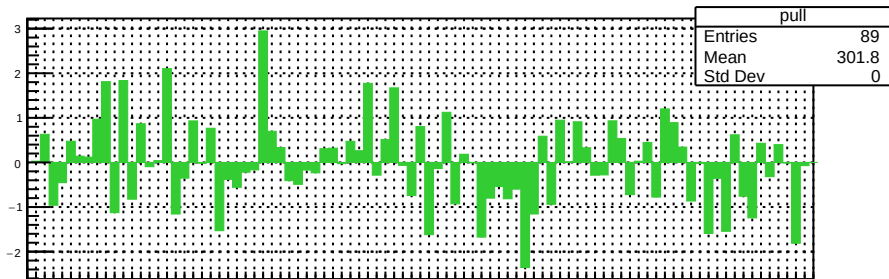
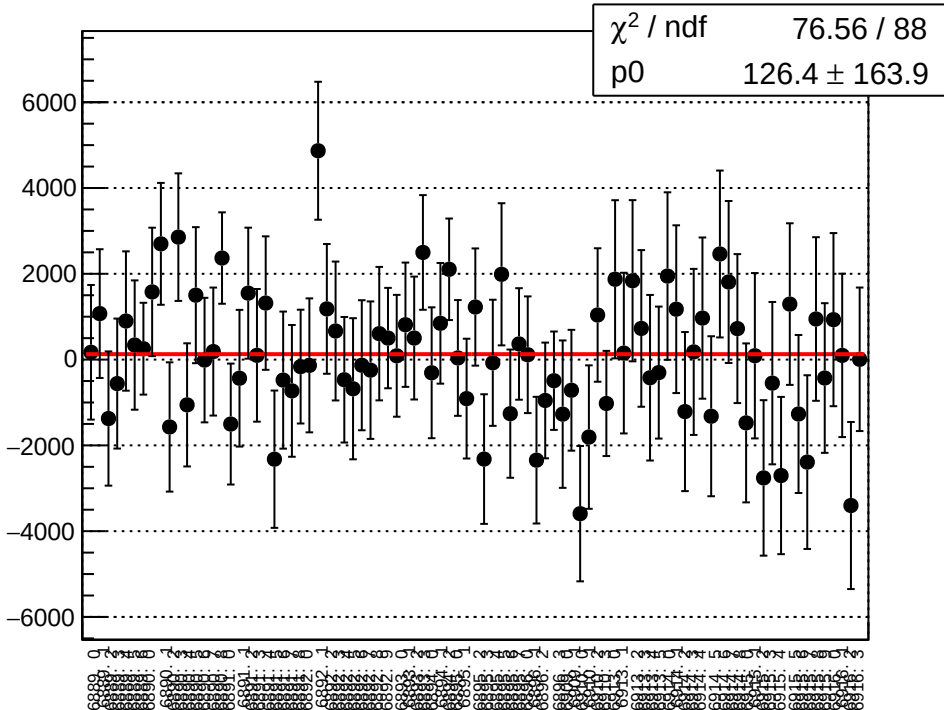
dit_asym_us_dd_at1lr_dd_avg_mean vs run



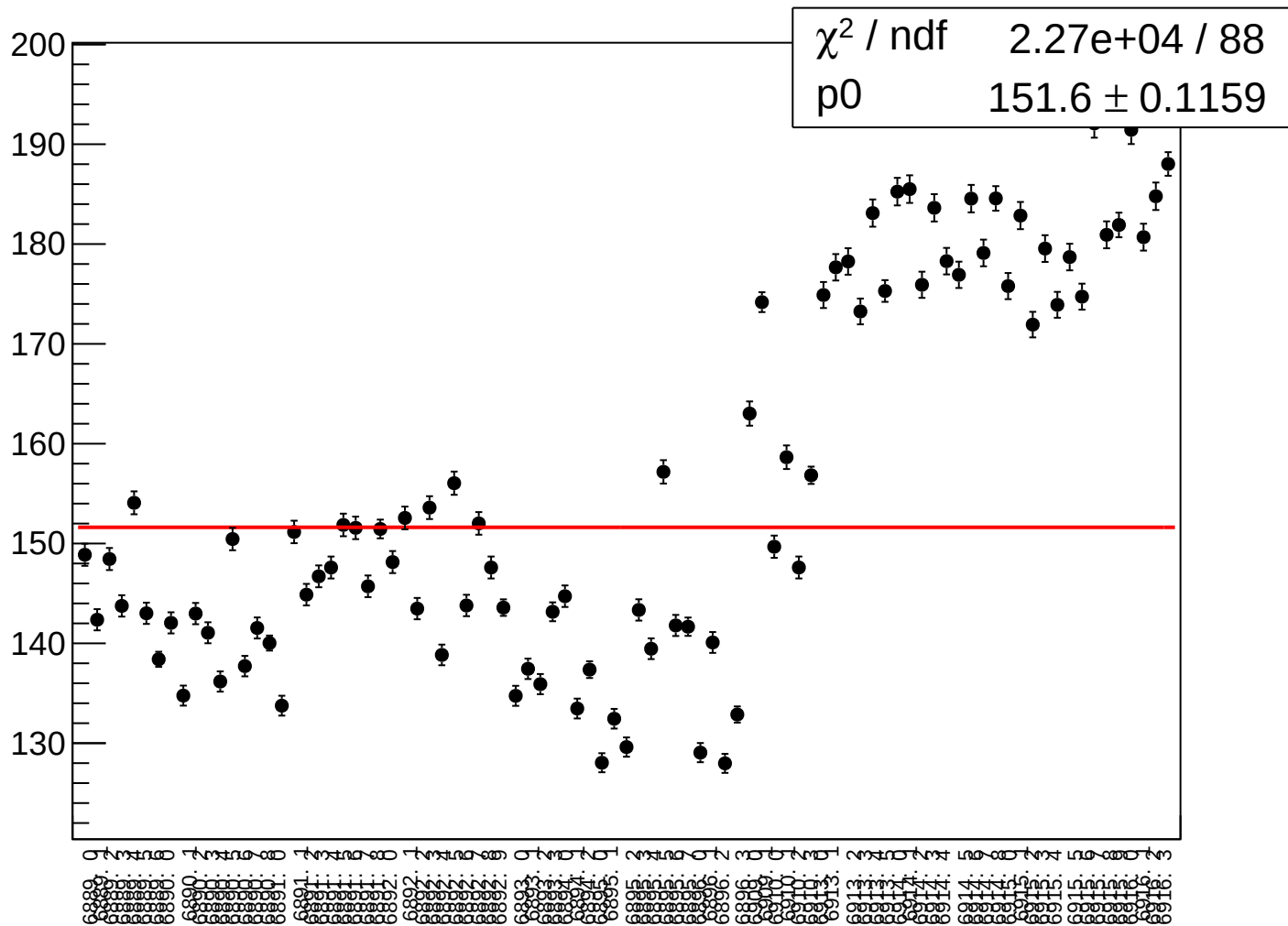
dit_asym_us_dd_at1lr_dd_avg_rms vs run



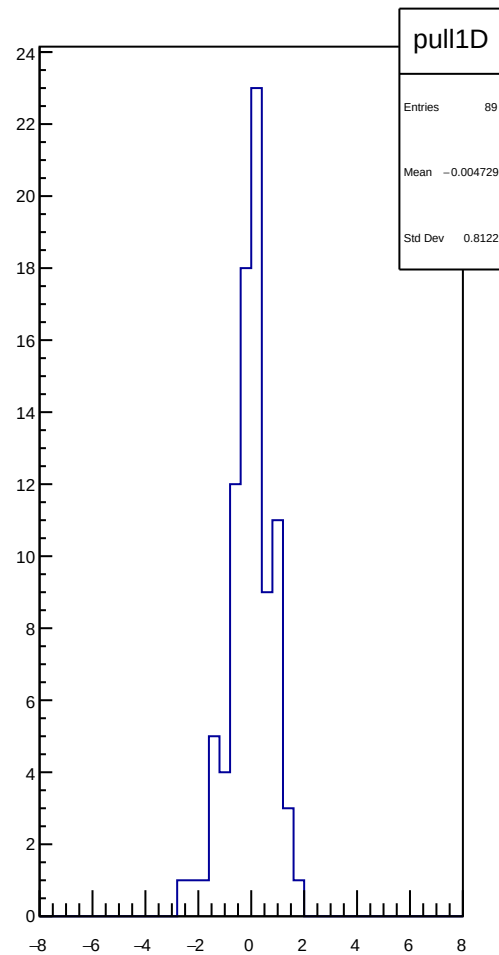
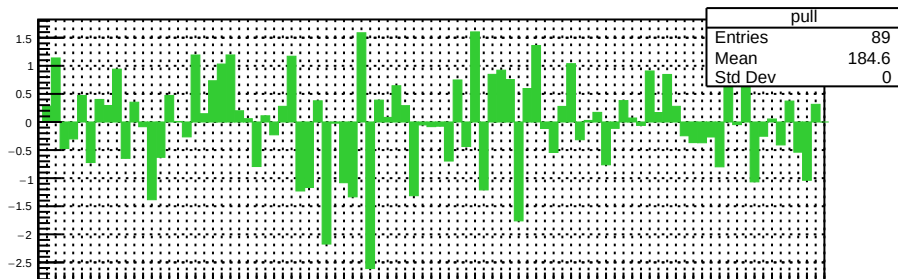
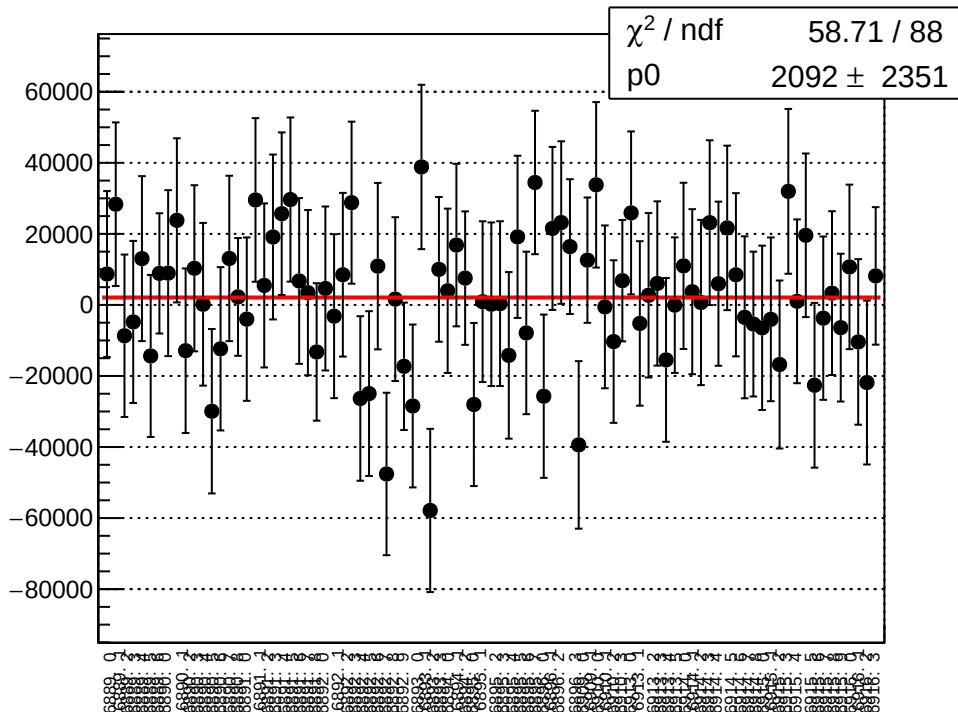
asym us dd at1lr dd avg dit correction mean vs run



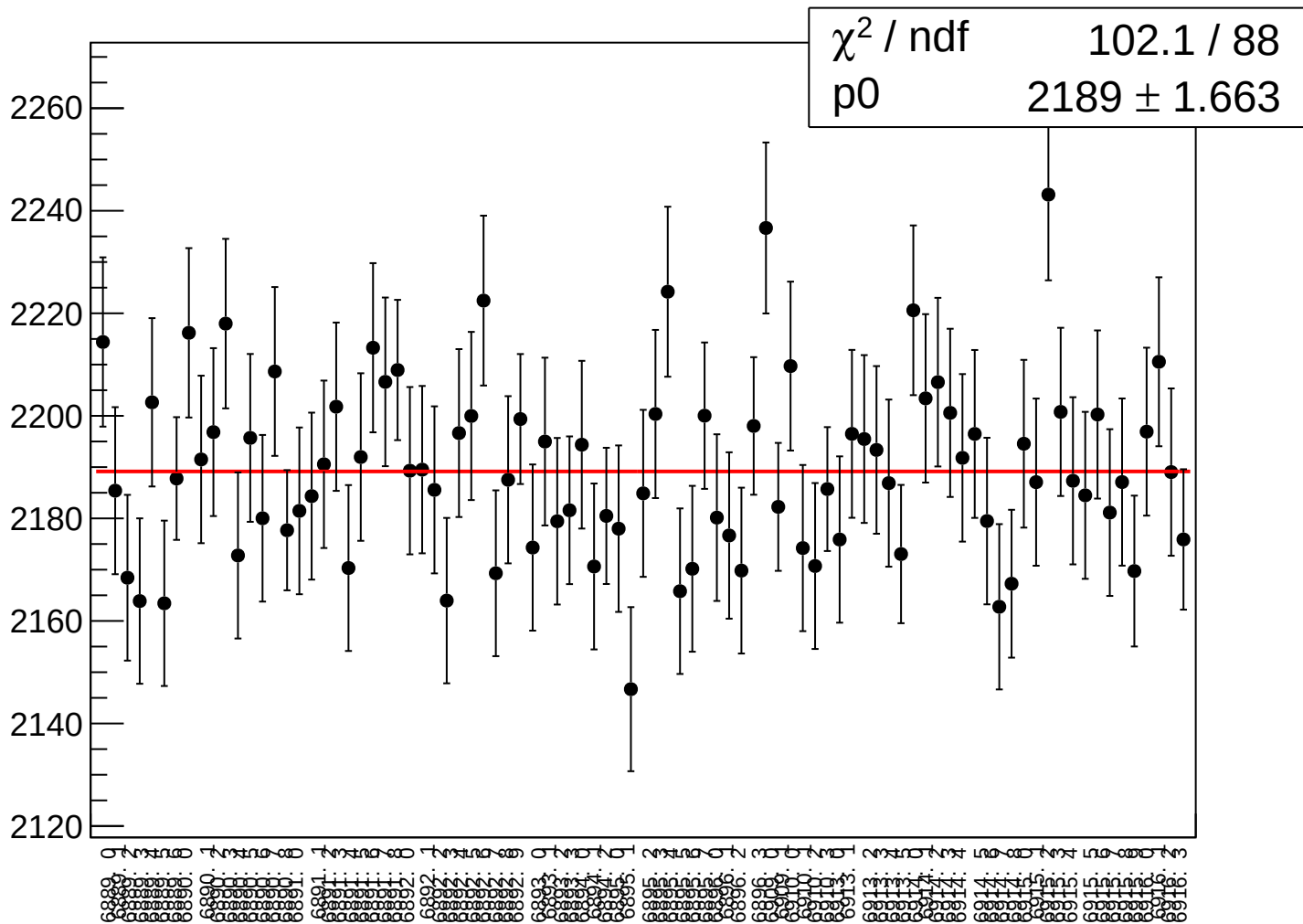
asym_us_dd_at1lr_dd_avg_dit_correction_rms vs run



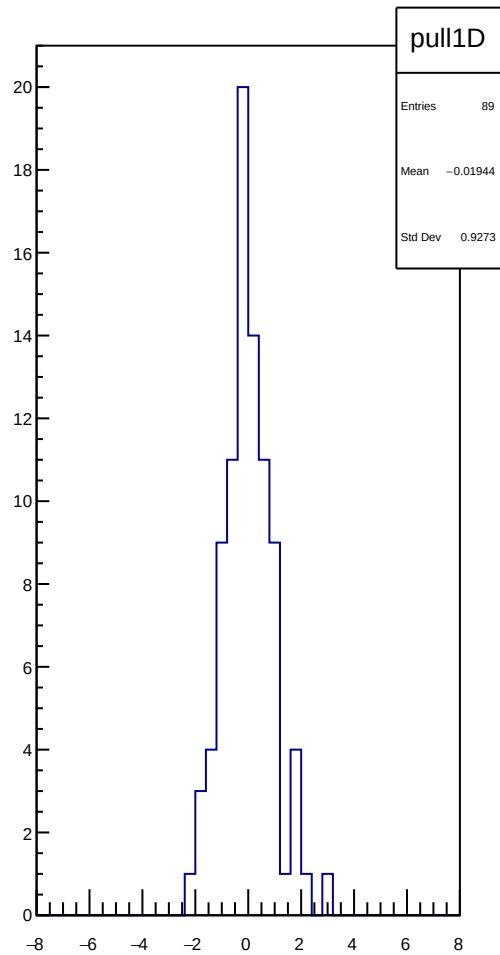
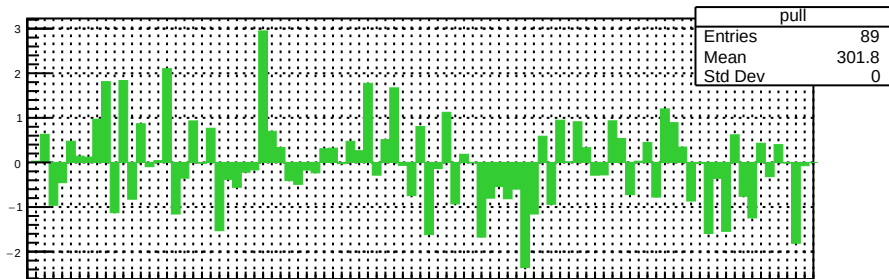
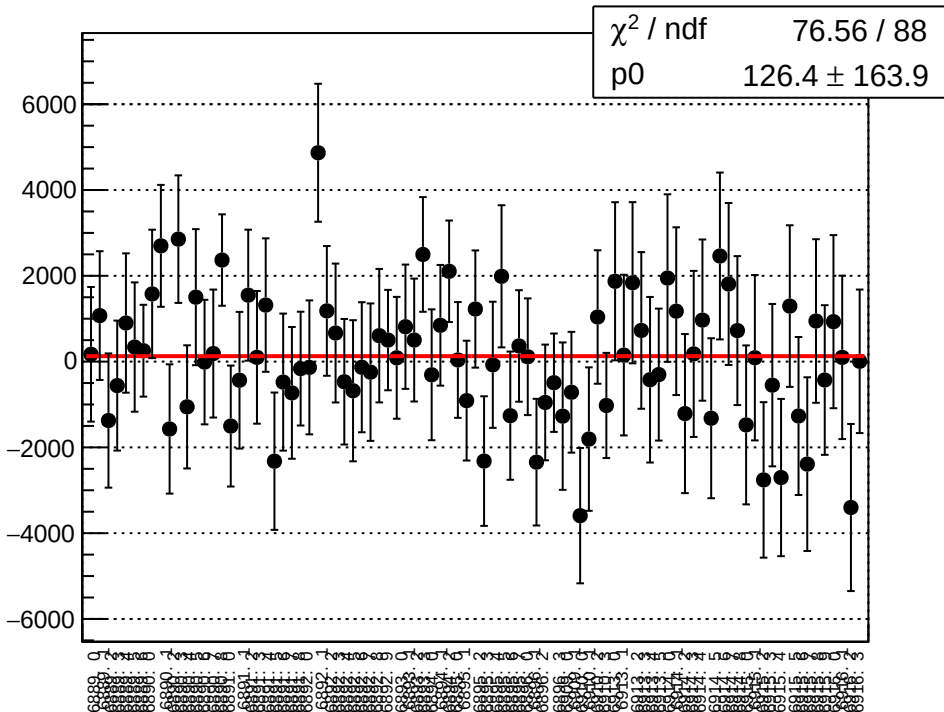
eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs run



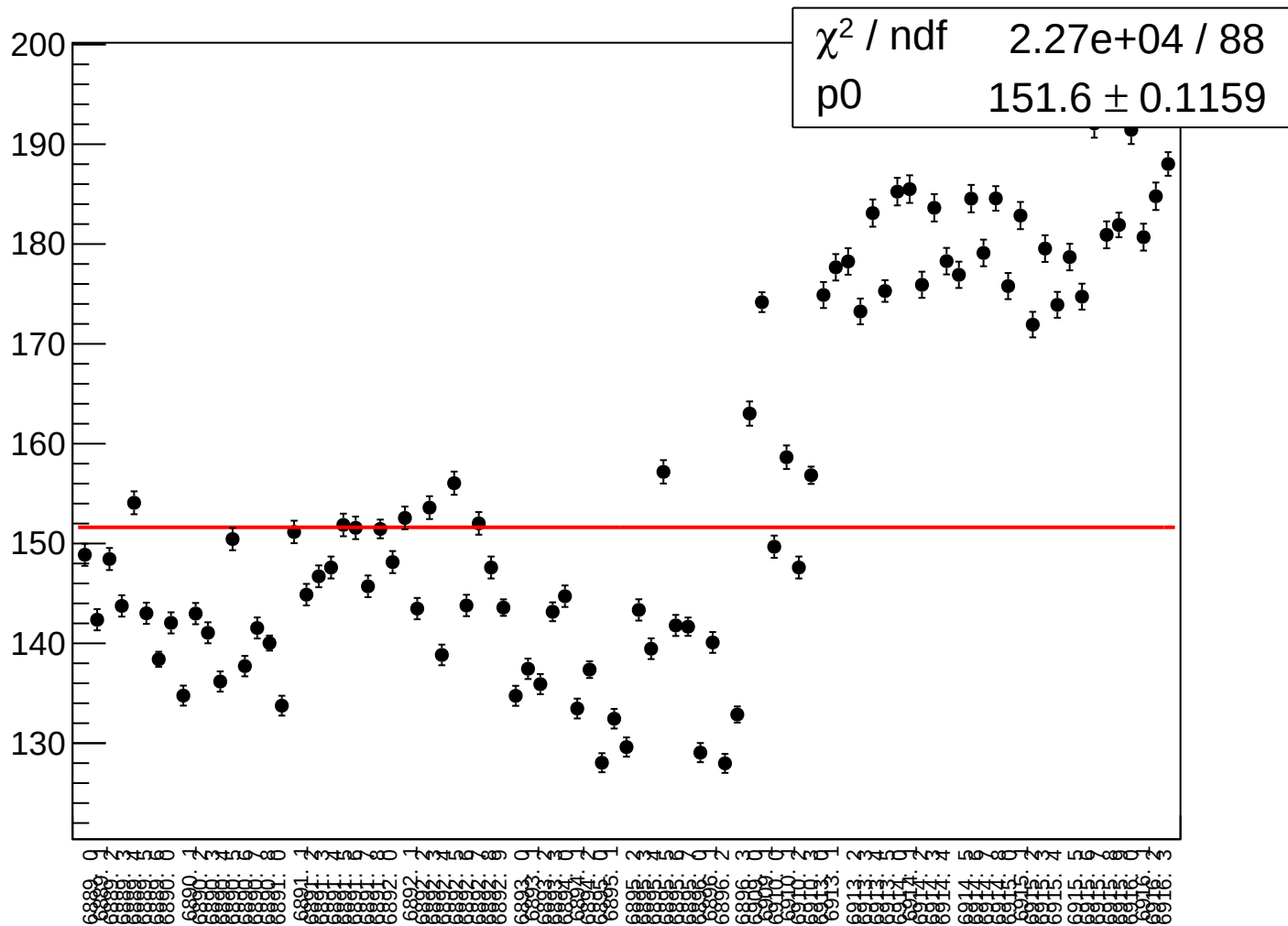
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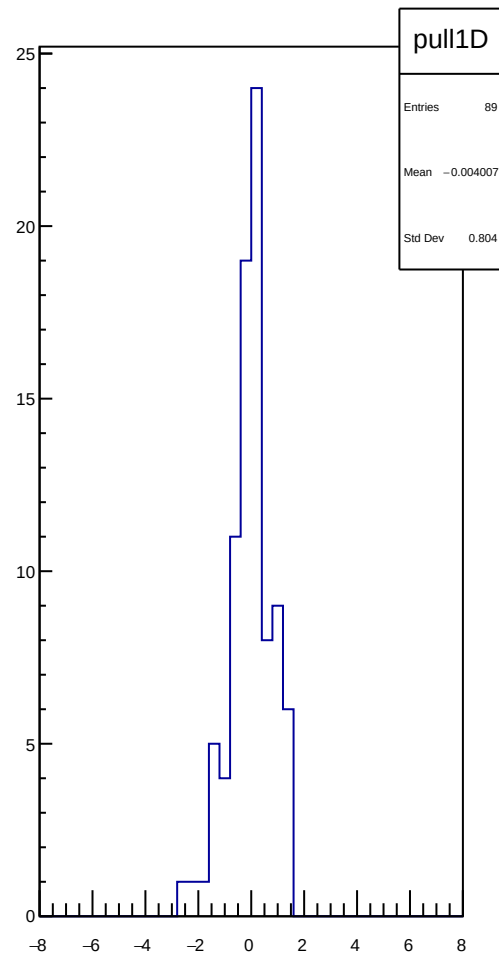
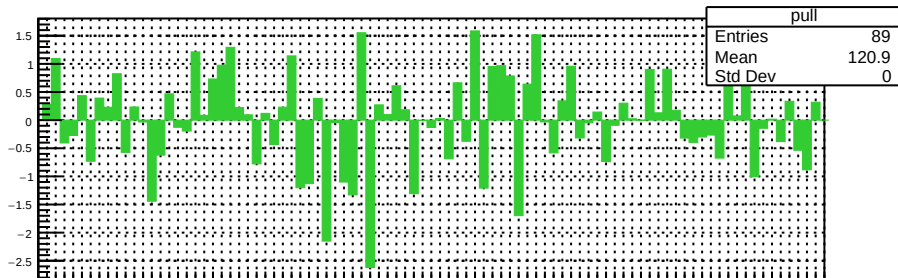
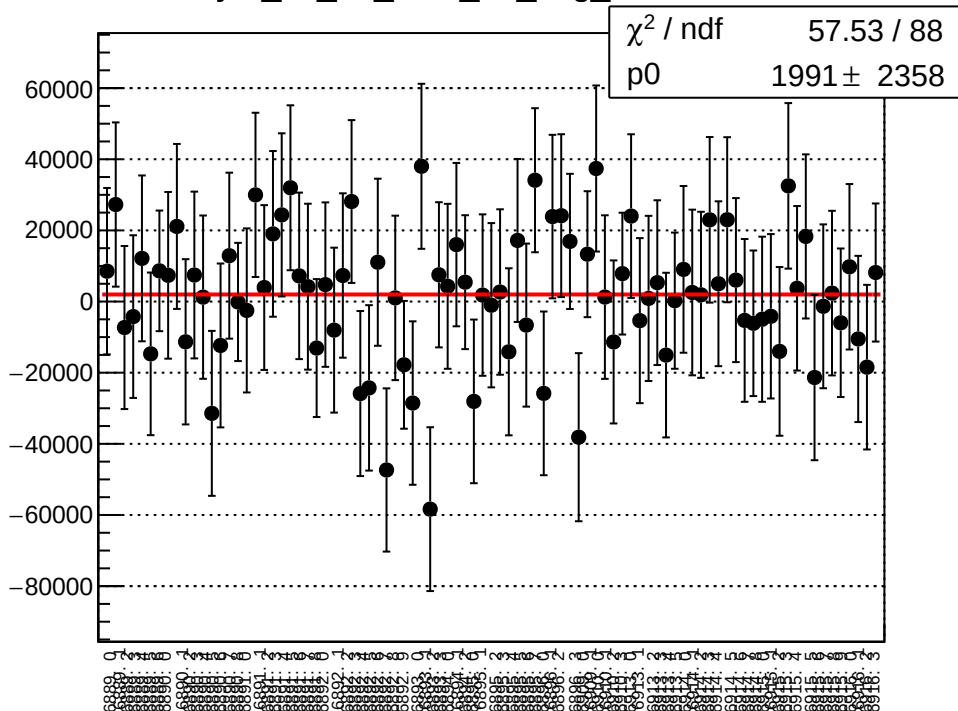
asym us dd at1lr dd avg eigen dit correction mean vs run



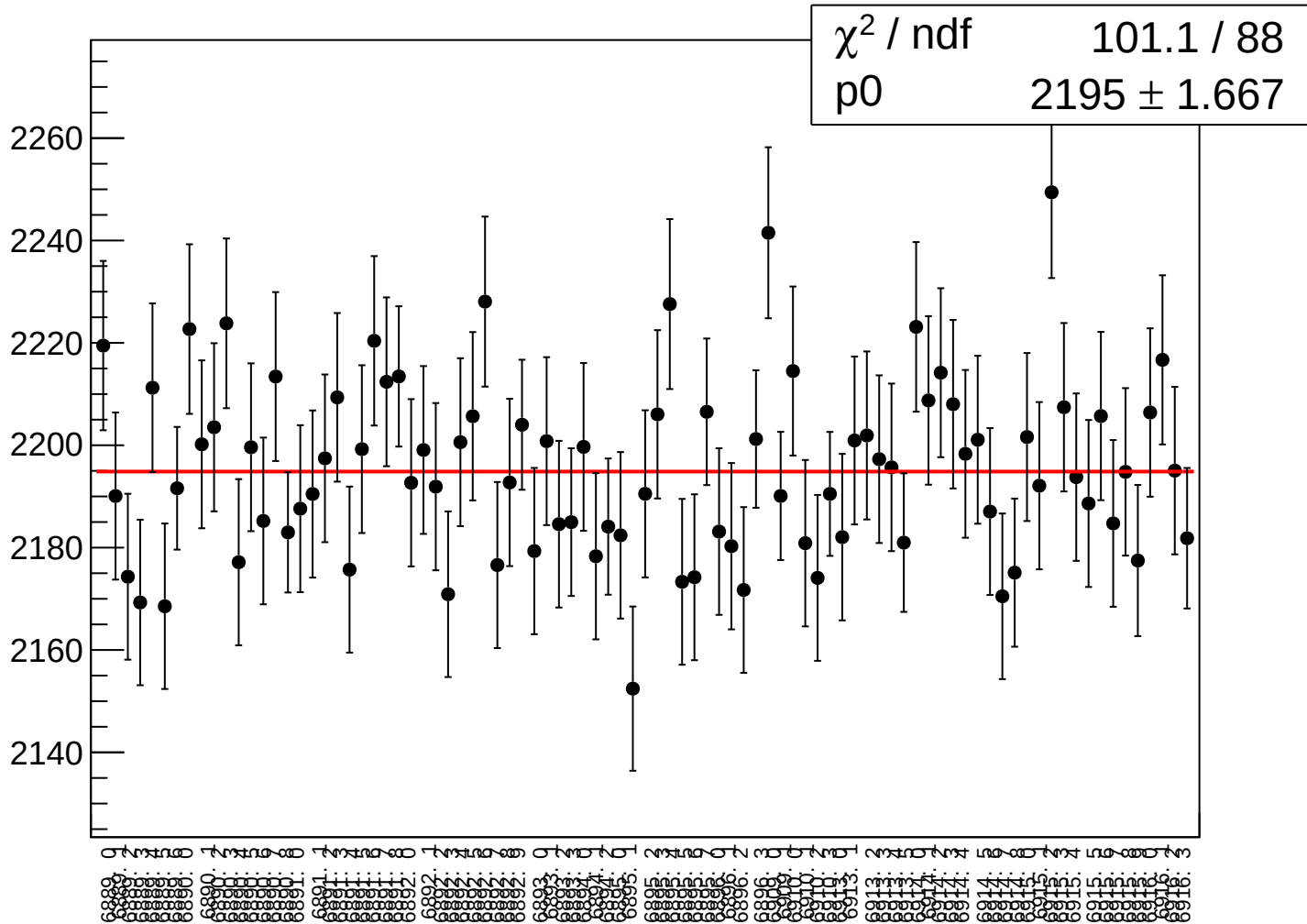
asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs run



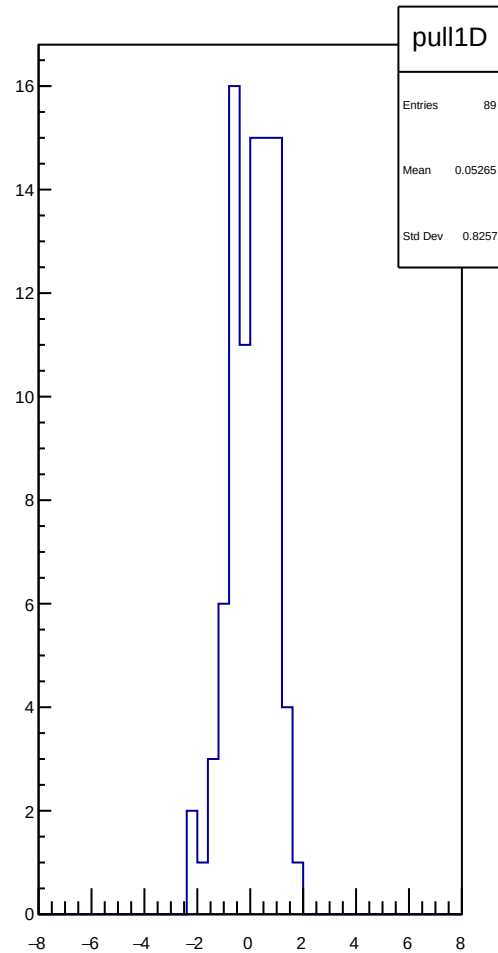
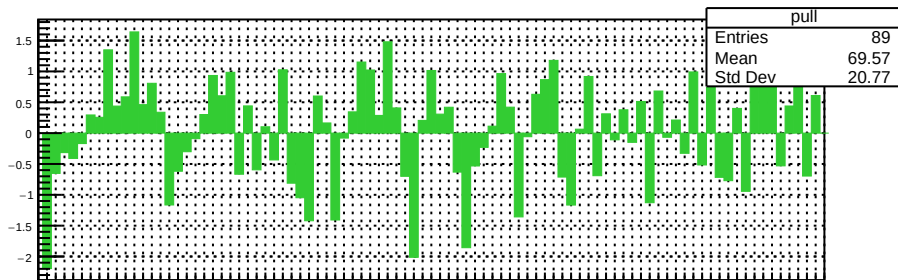
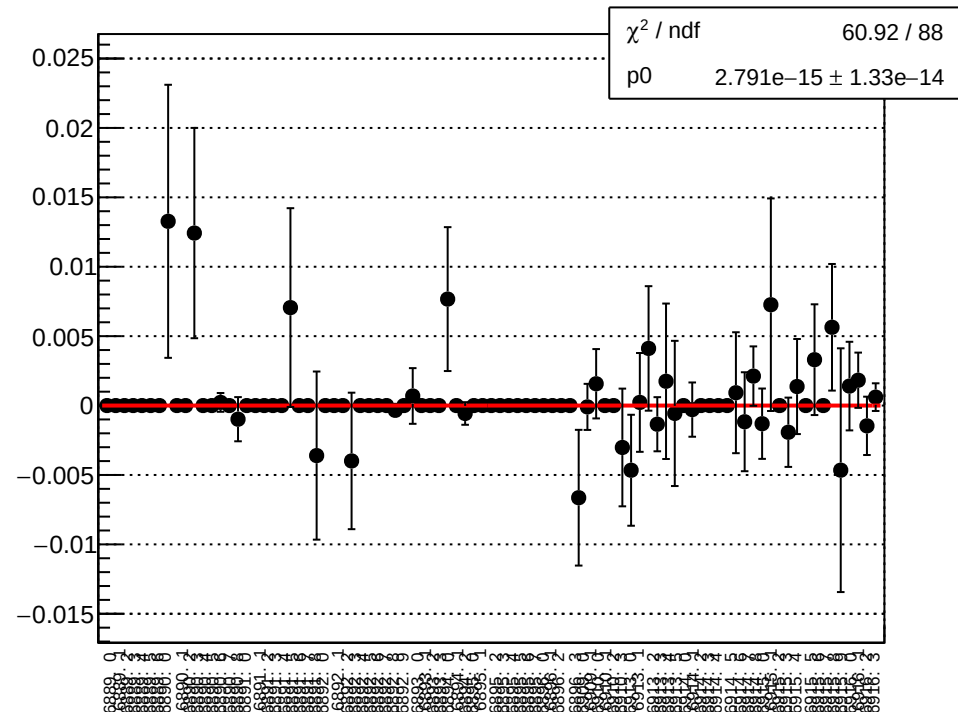
asym_us_dd_at1lr_dd_avg_mean vs run



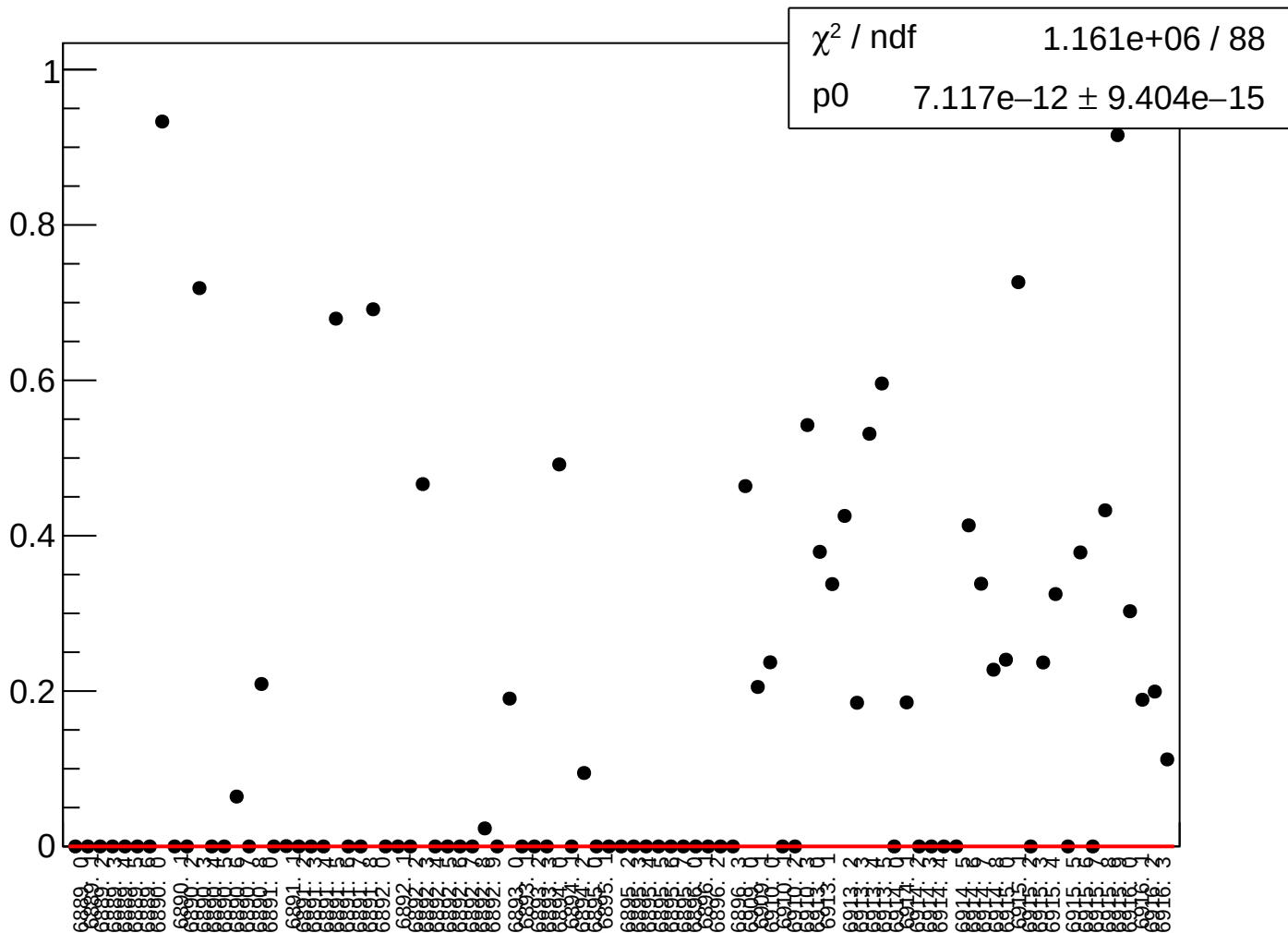
asym_us_dd_at1lr_dd_avg_rms vs run



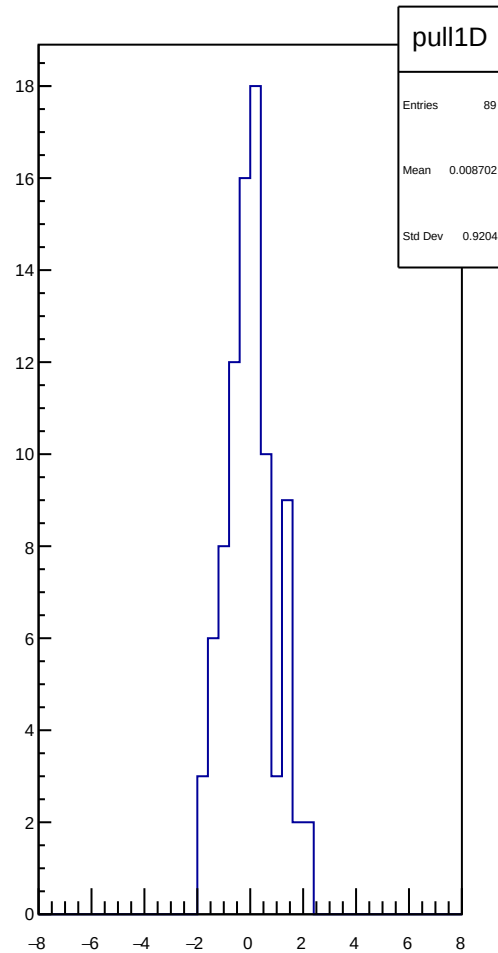
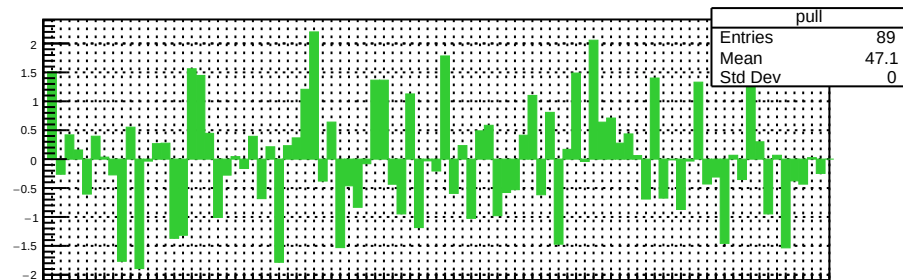
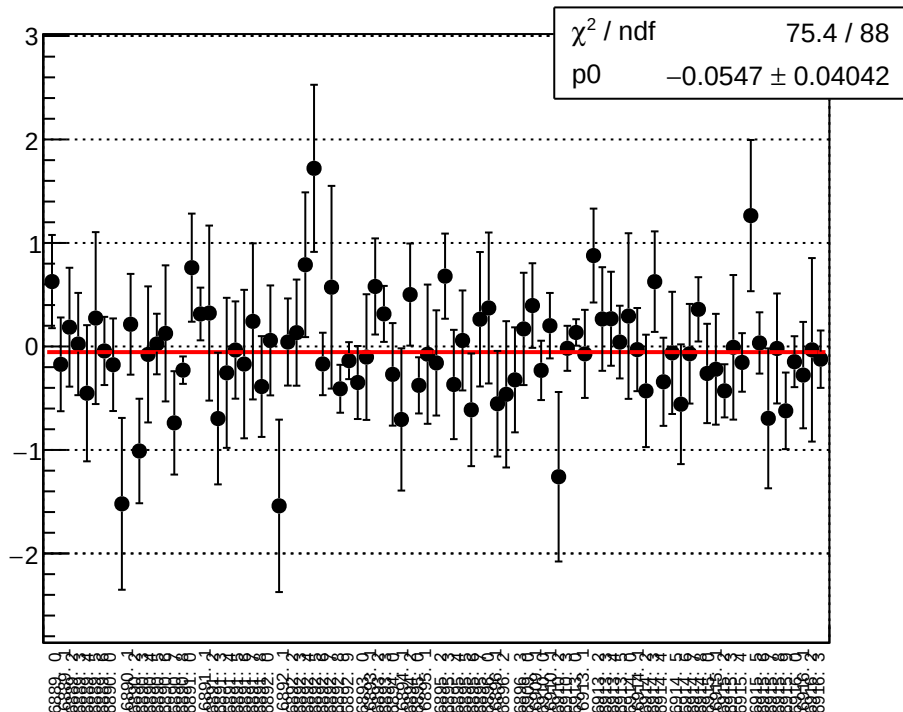
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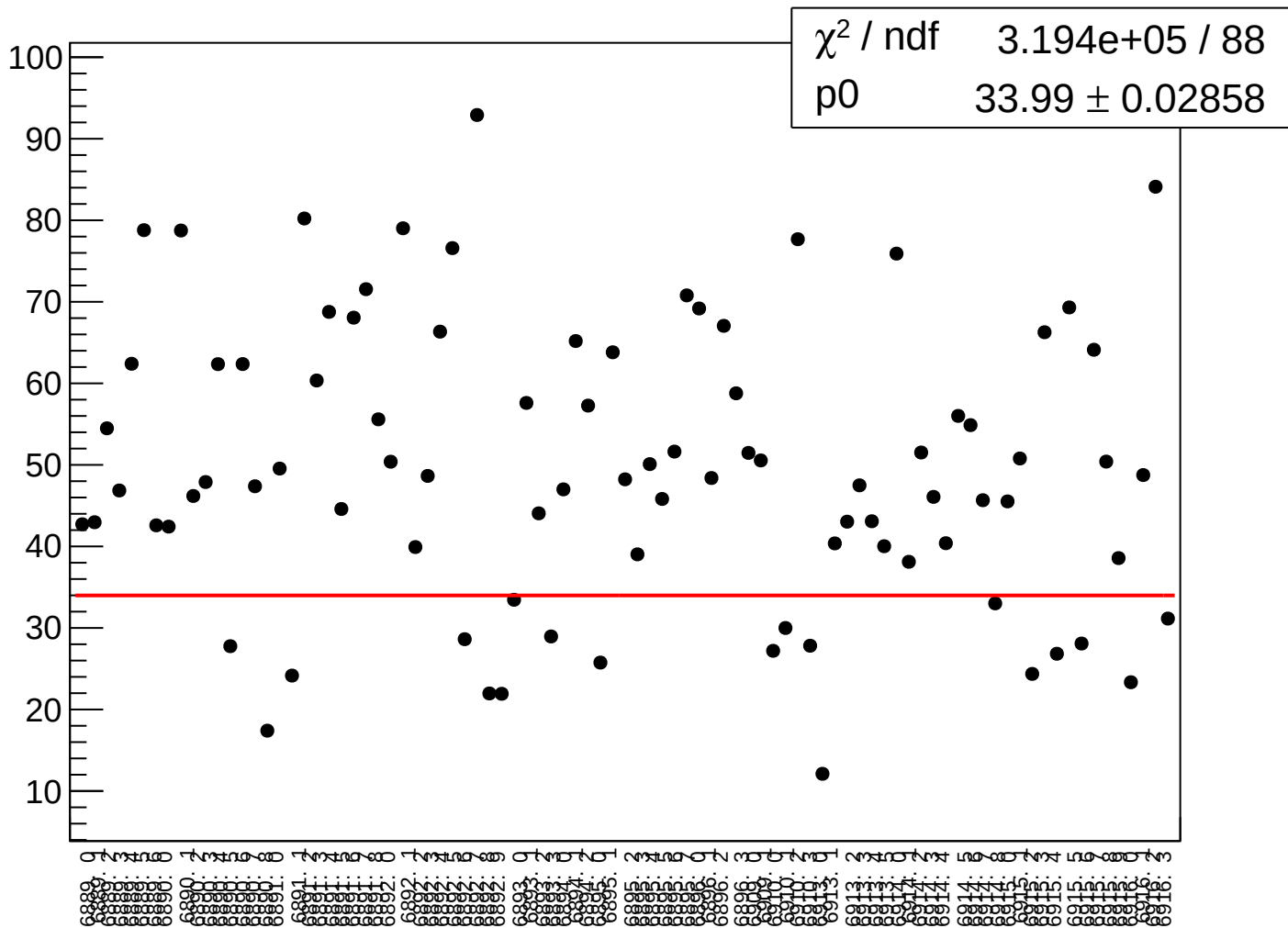
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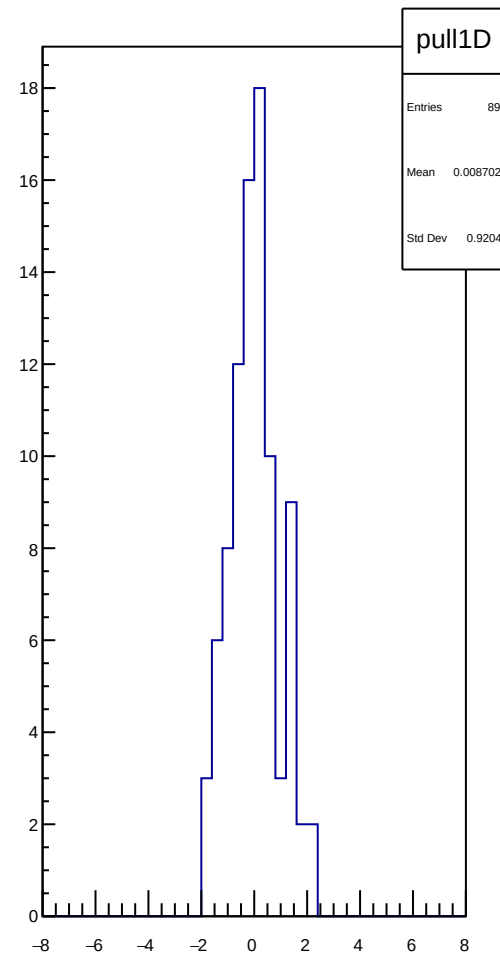
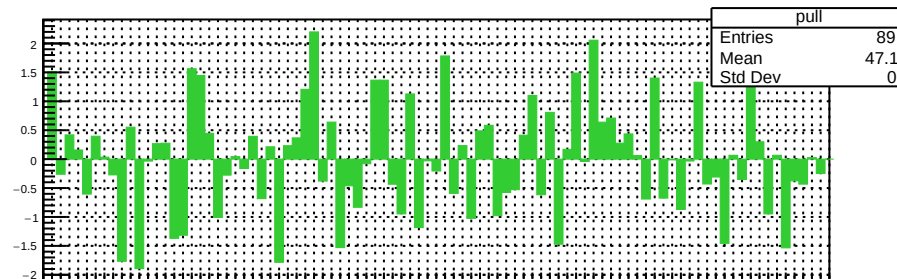
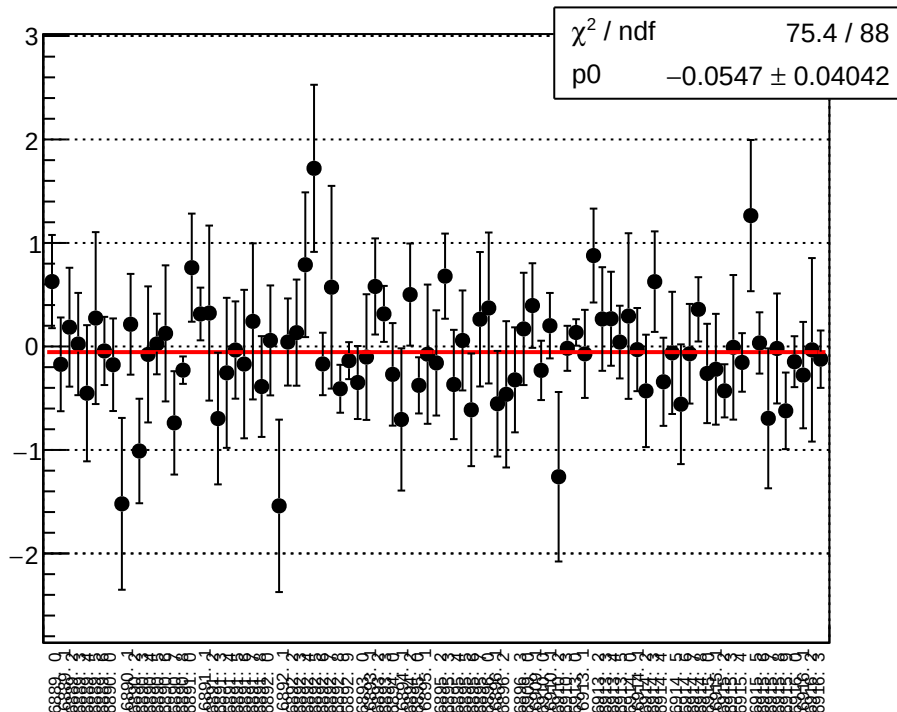
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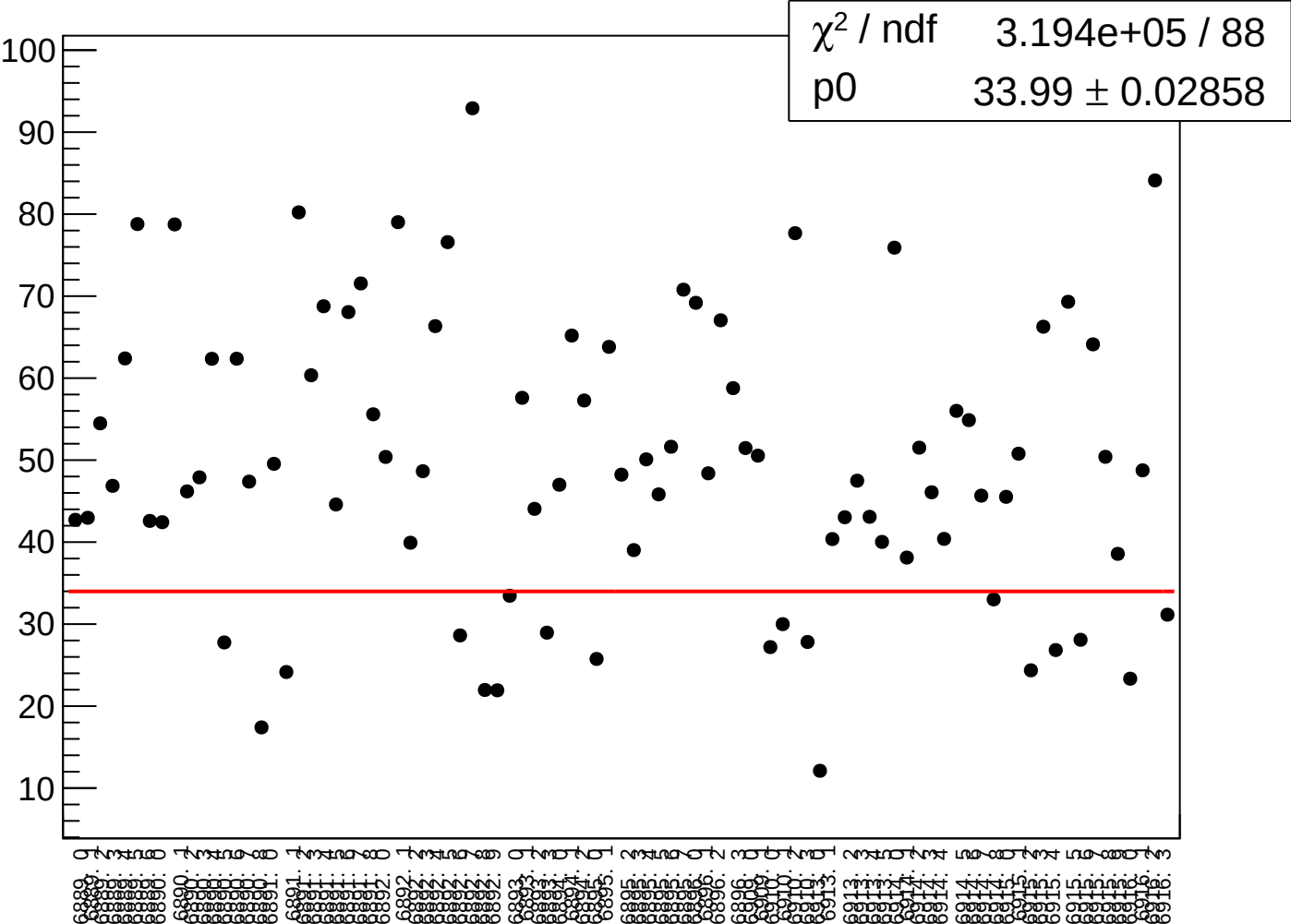
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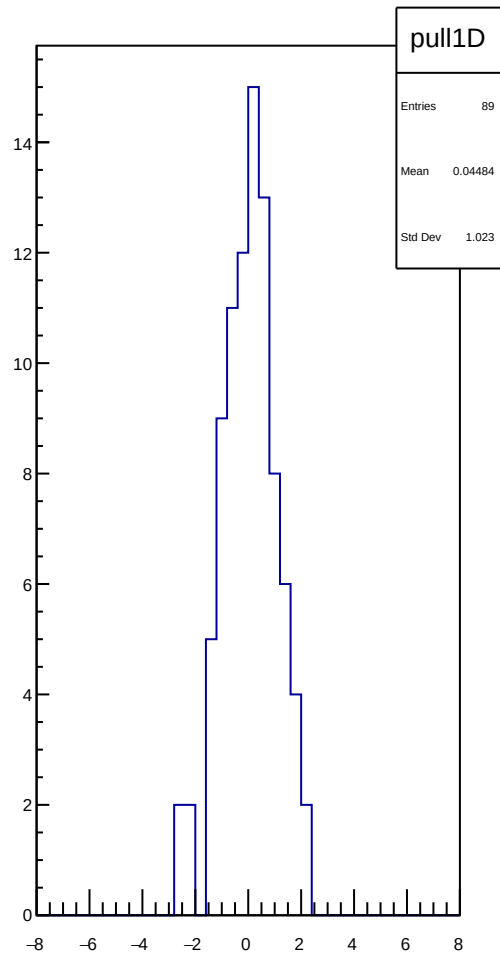
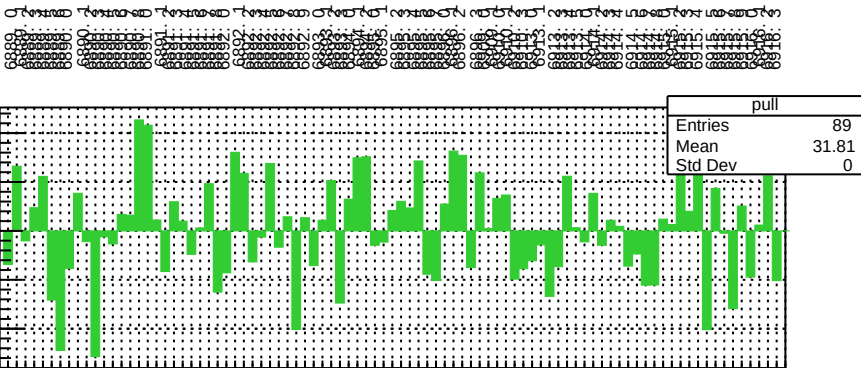
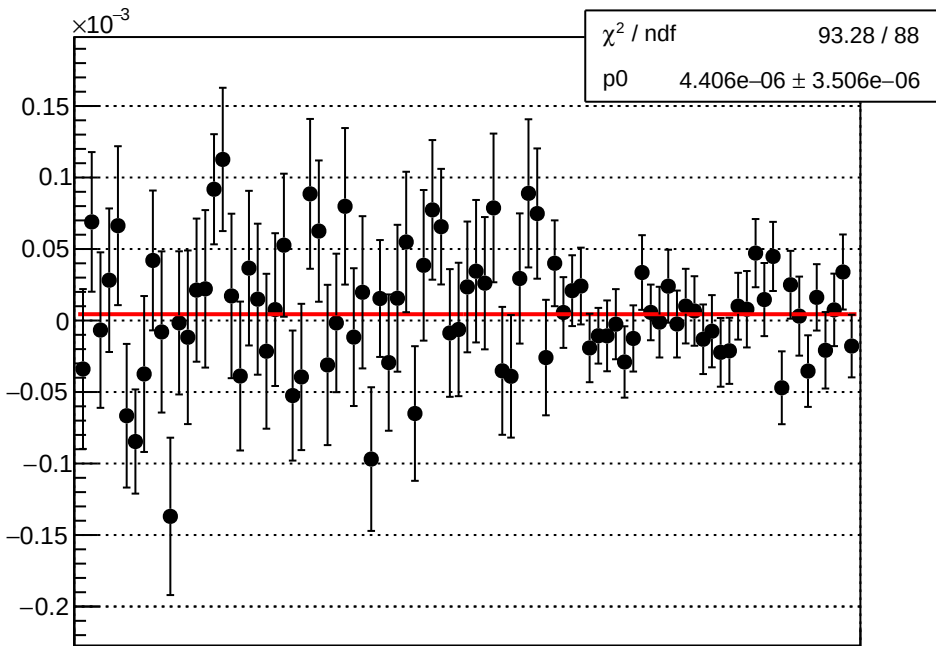
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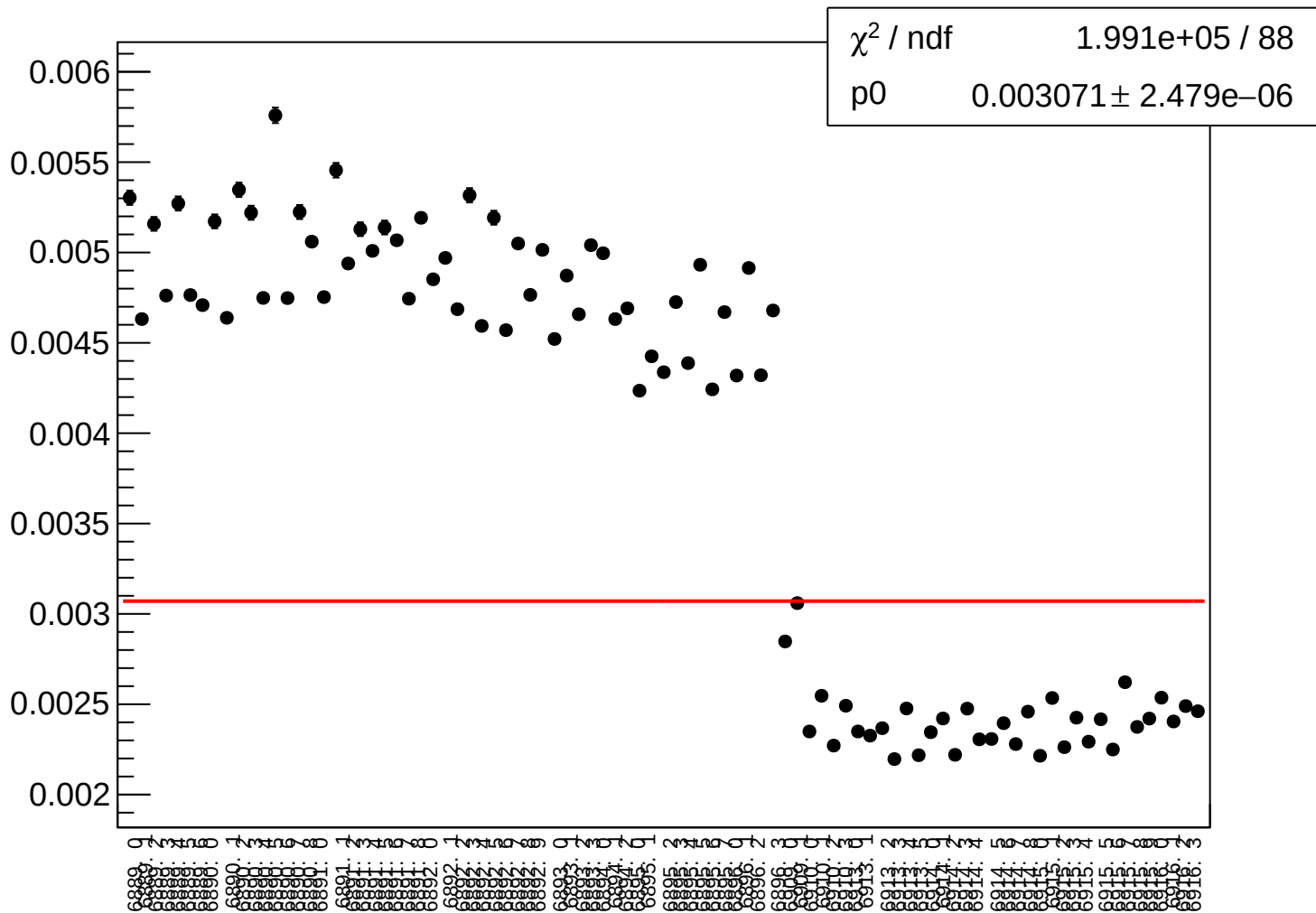
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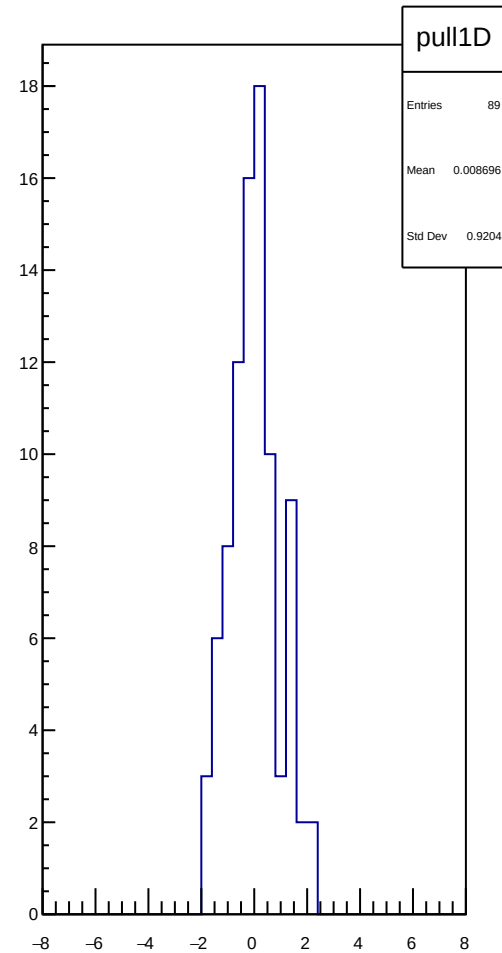
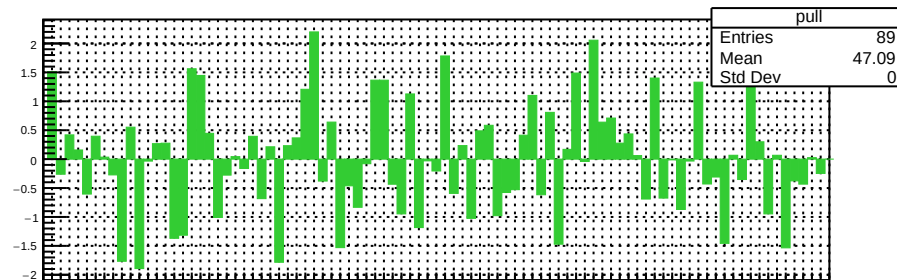
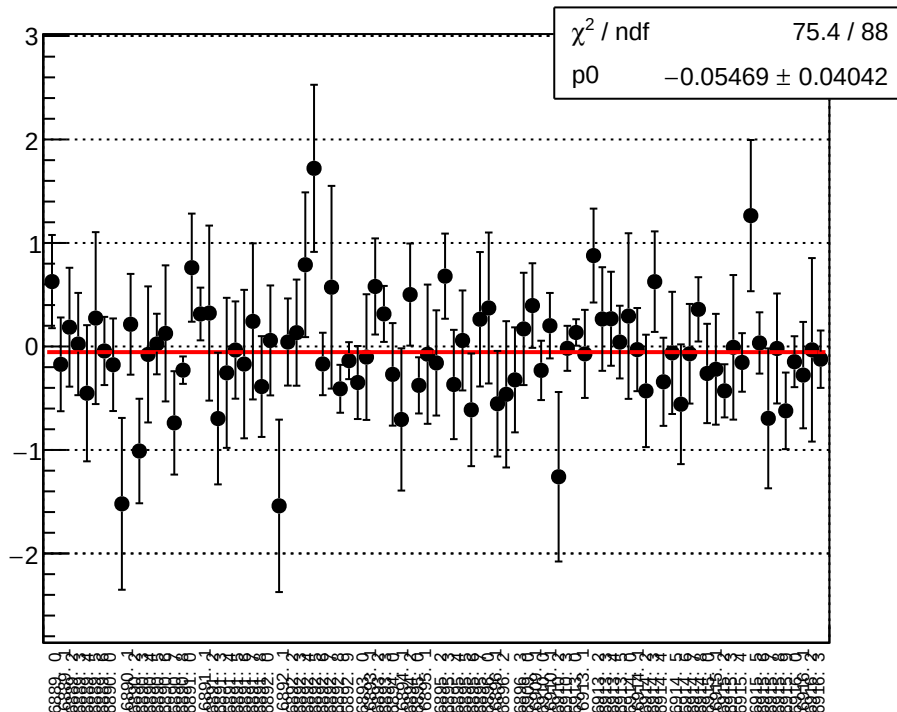
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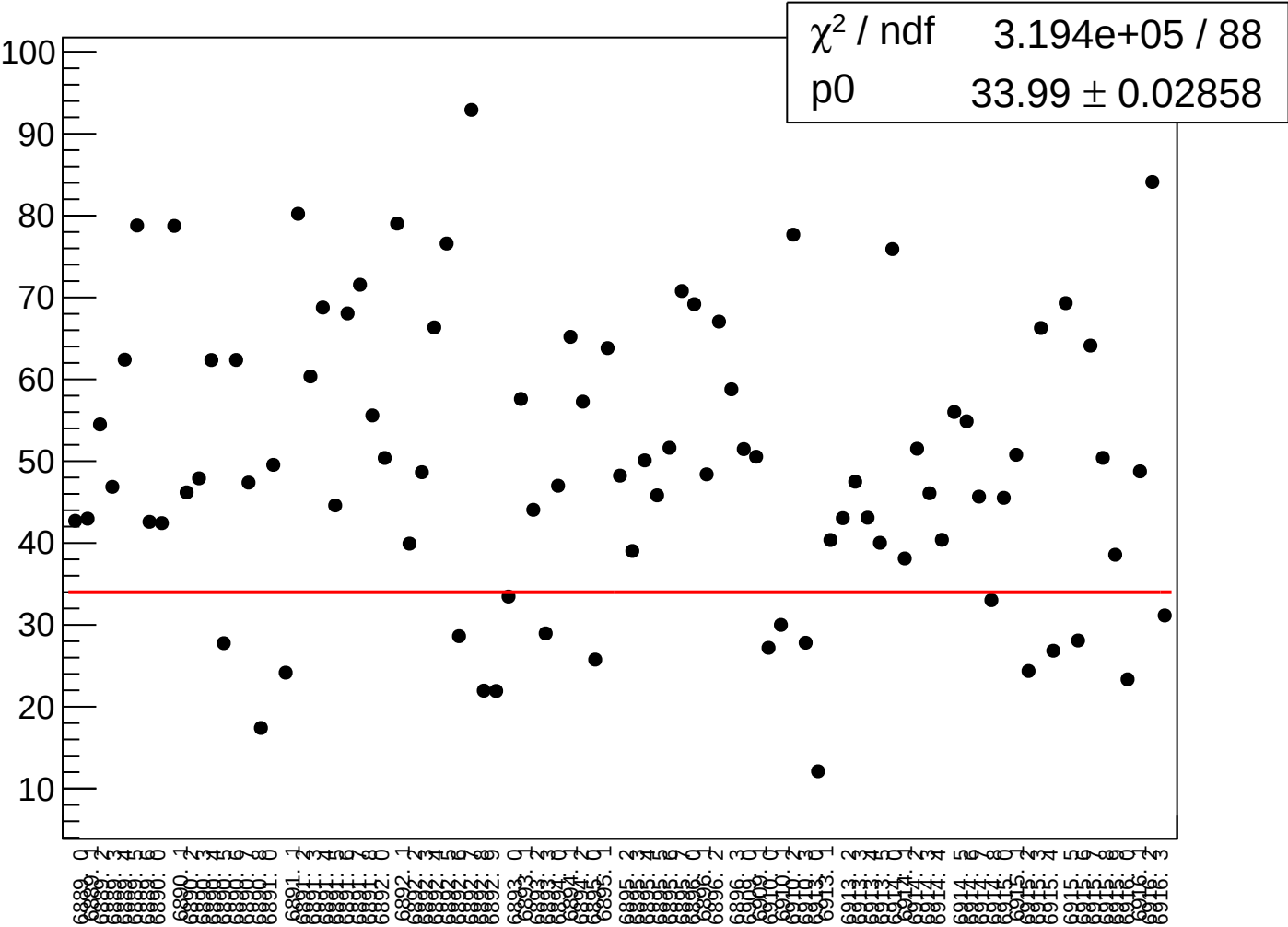
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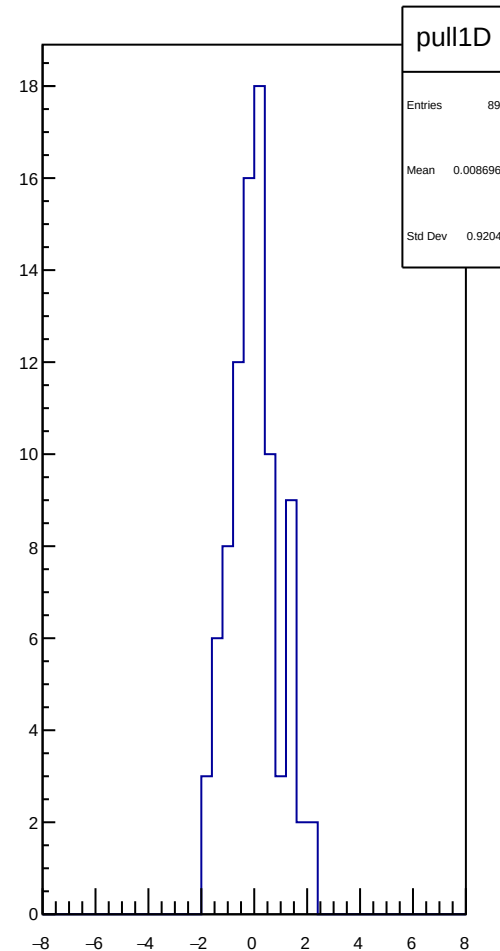
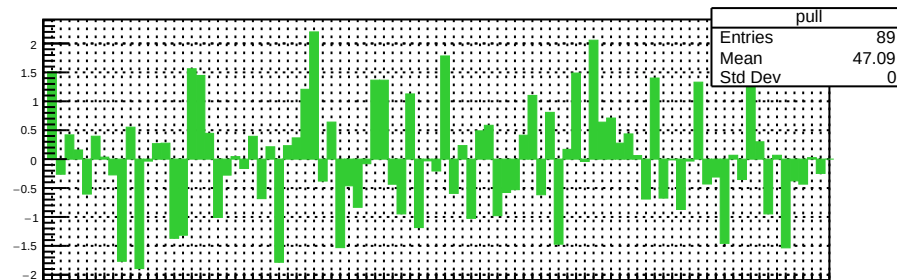
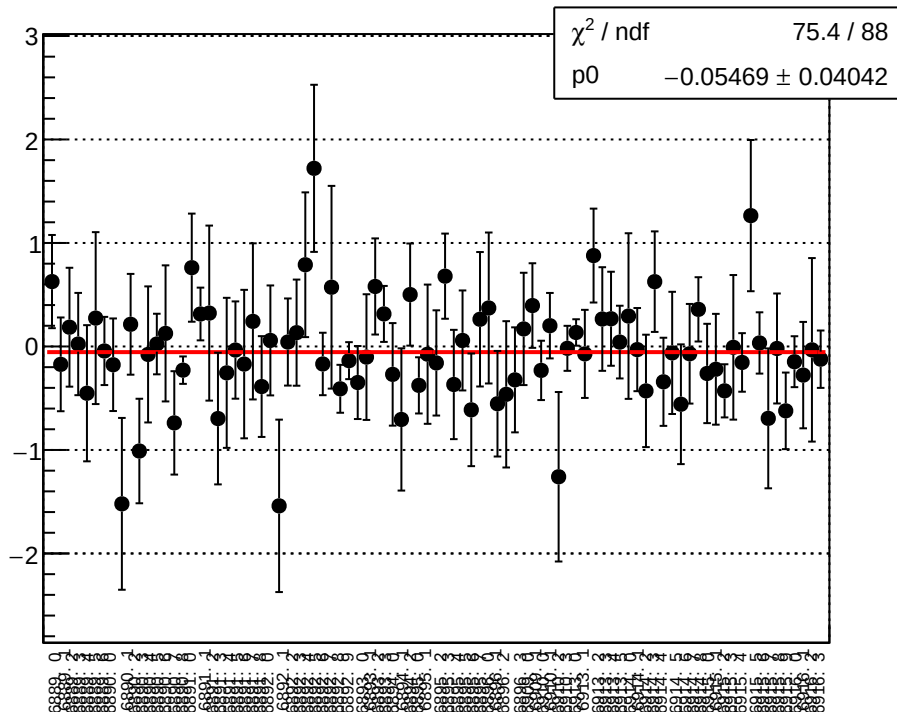
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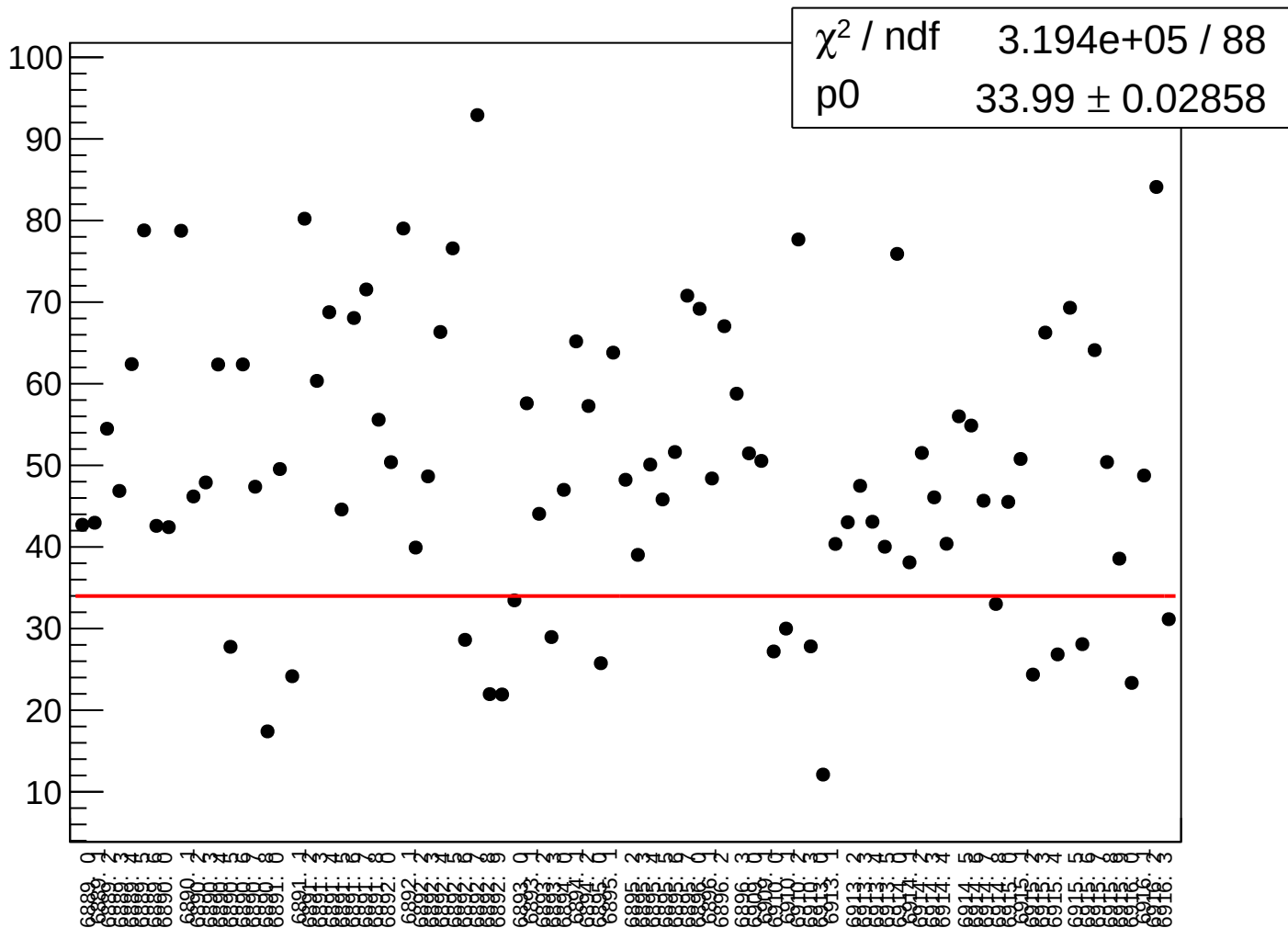
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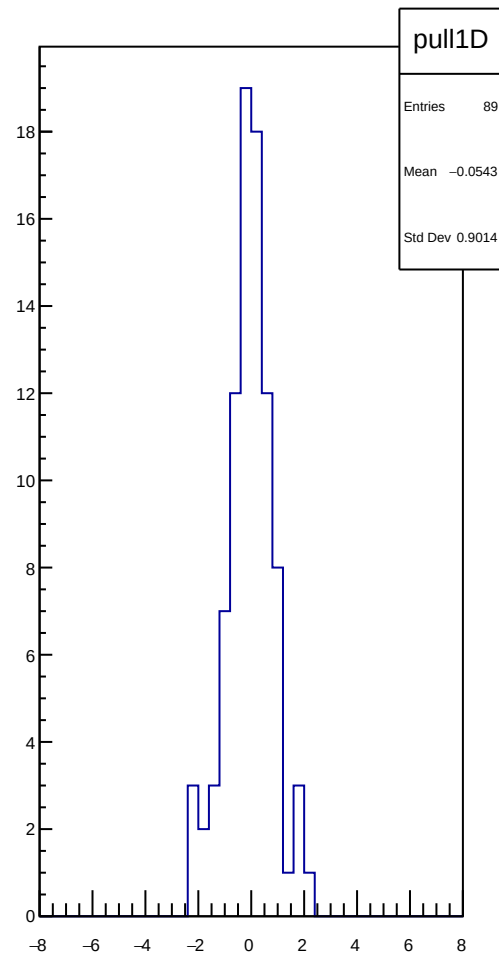
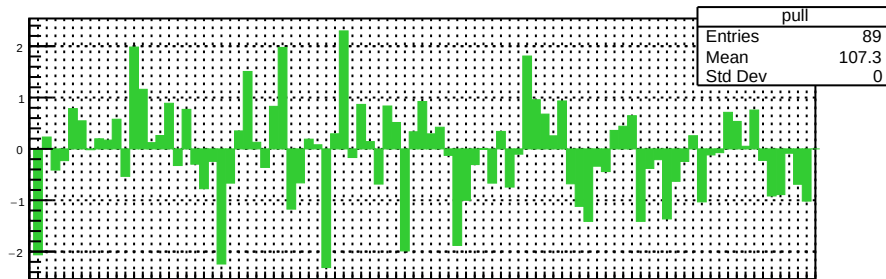
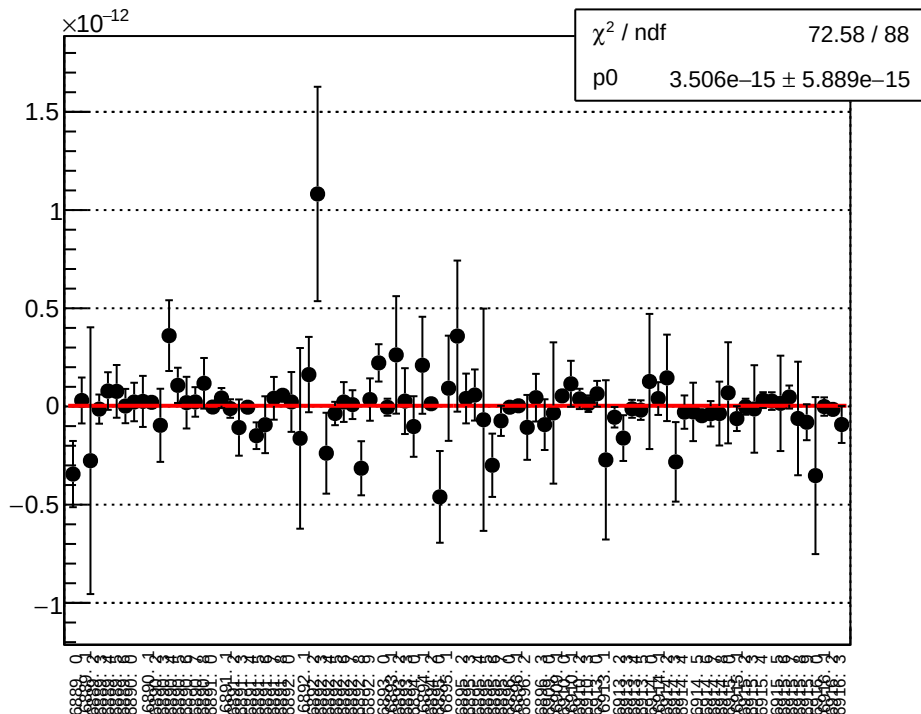
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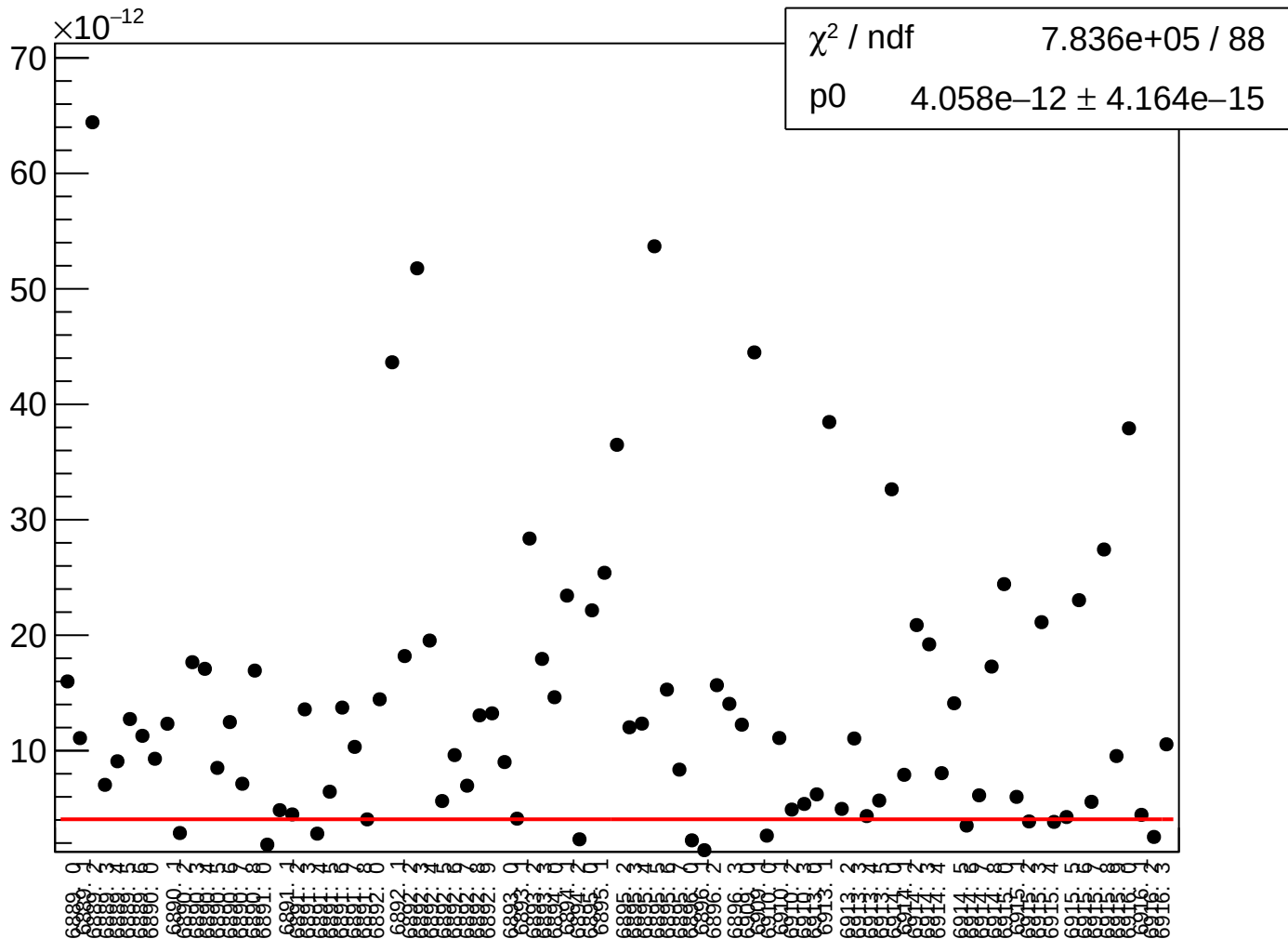
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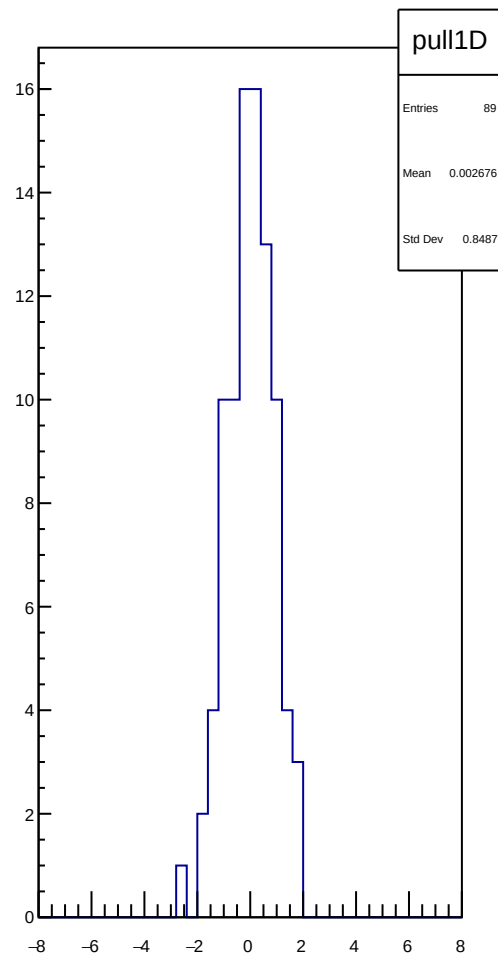
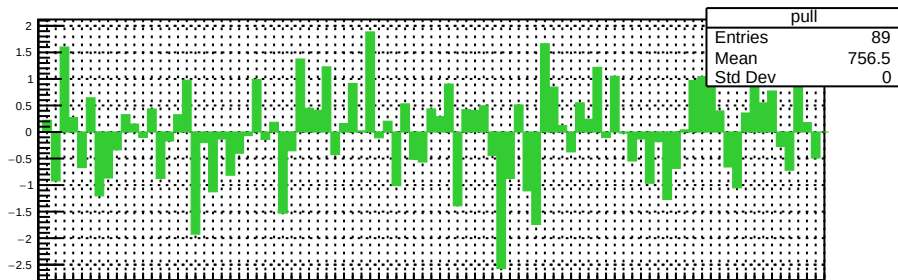
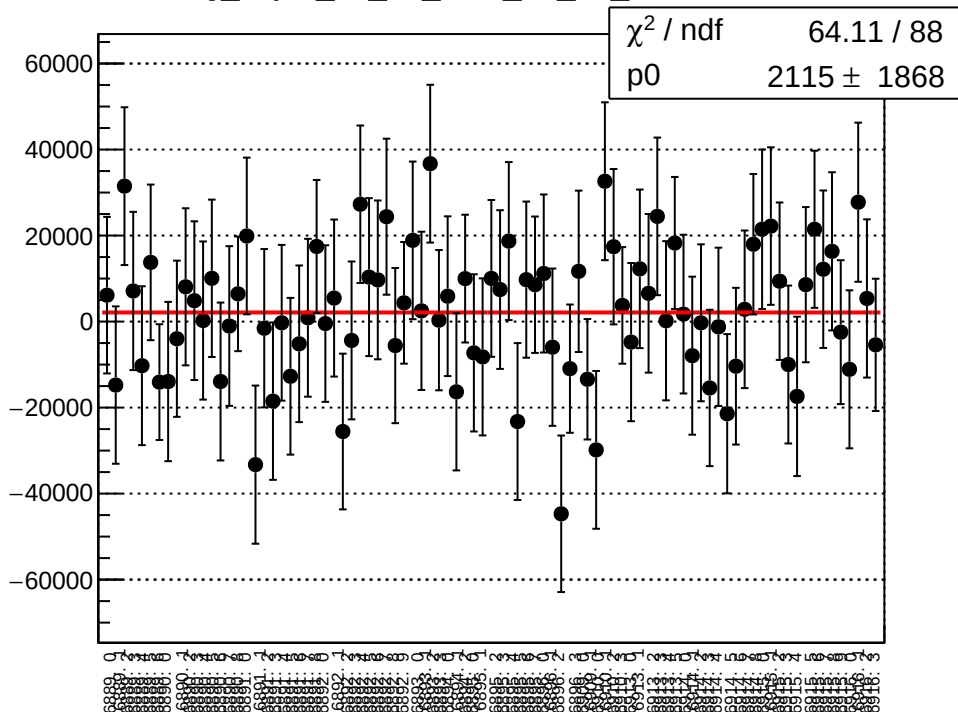
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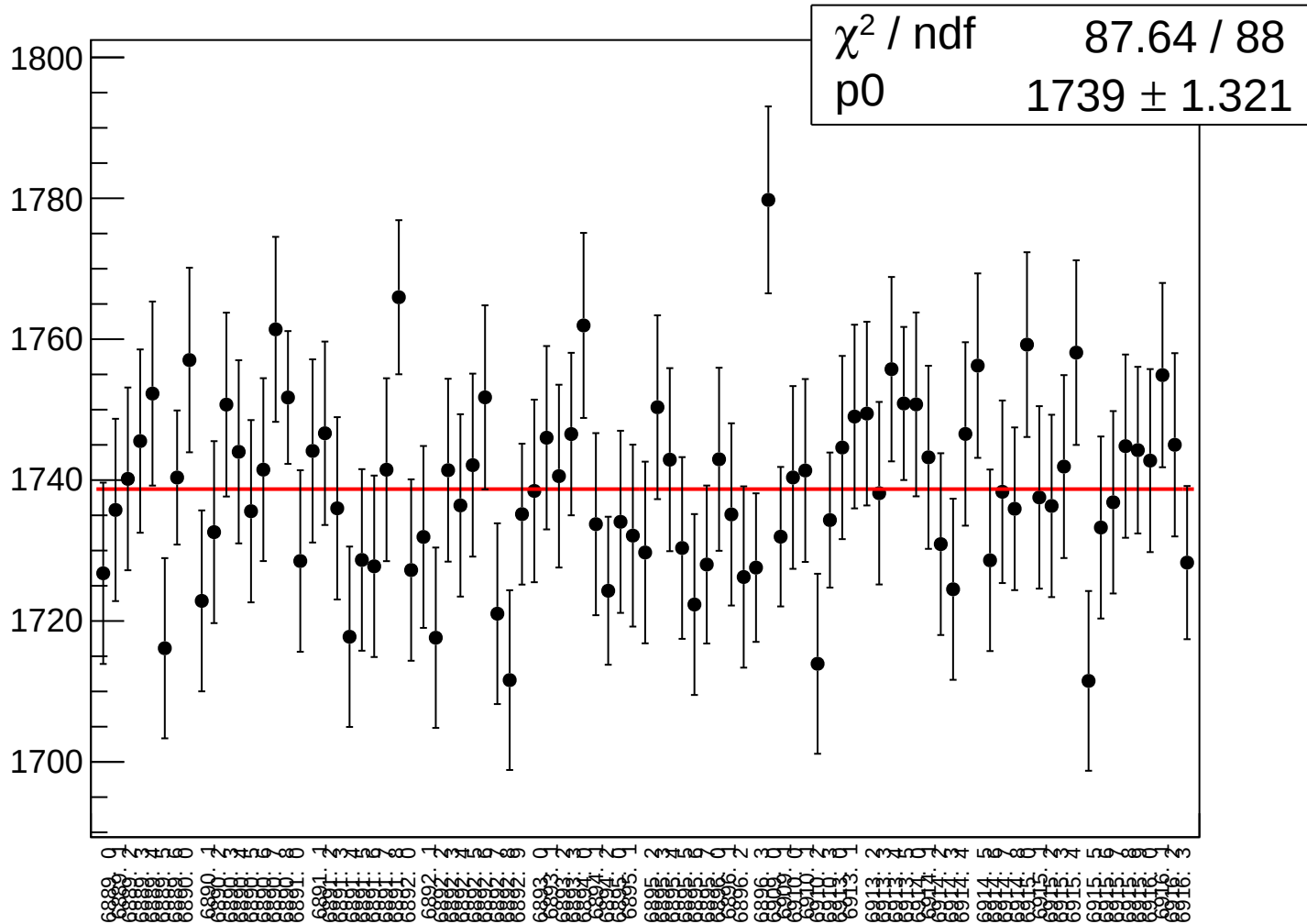
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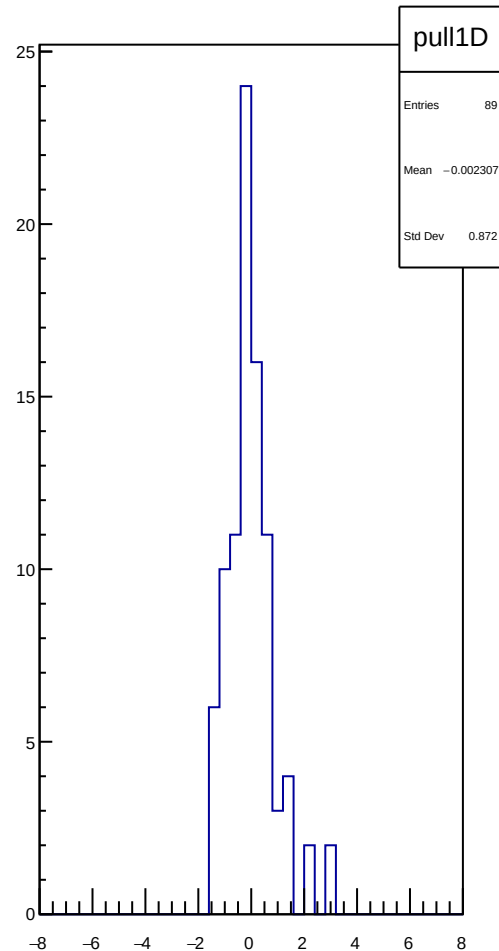
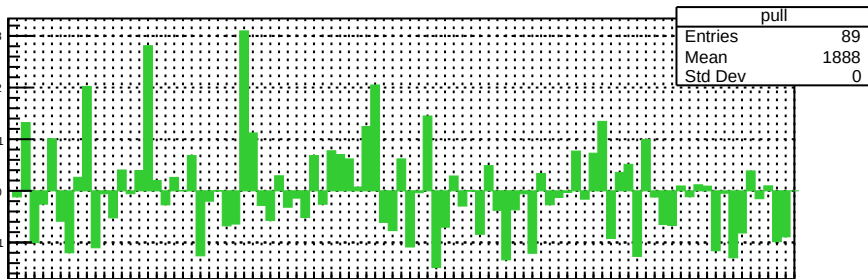
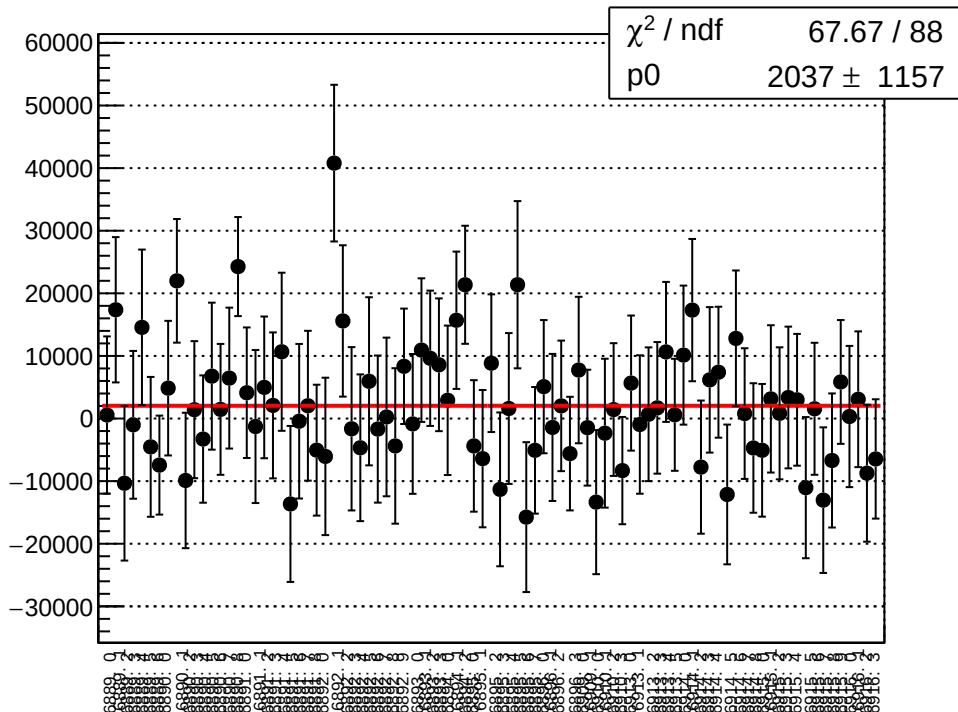
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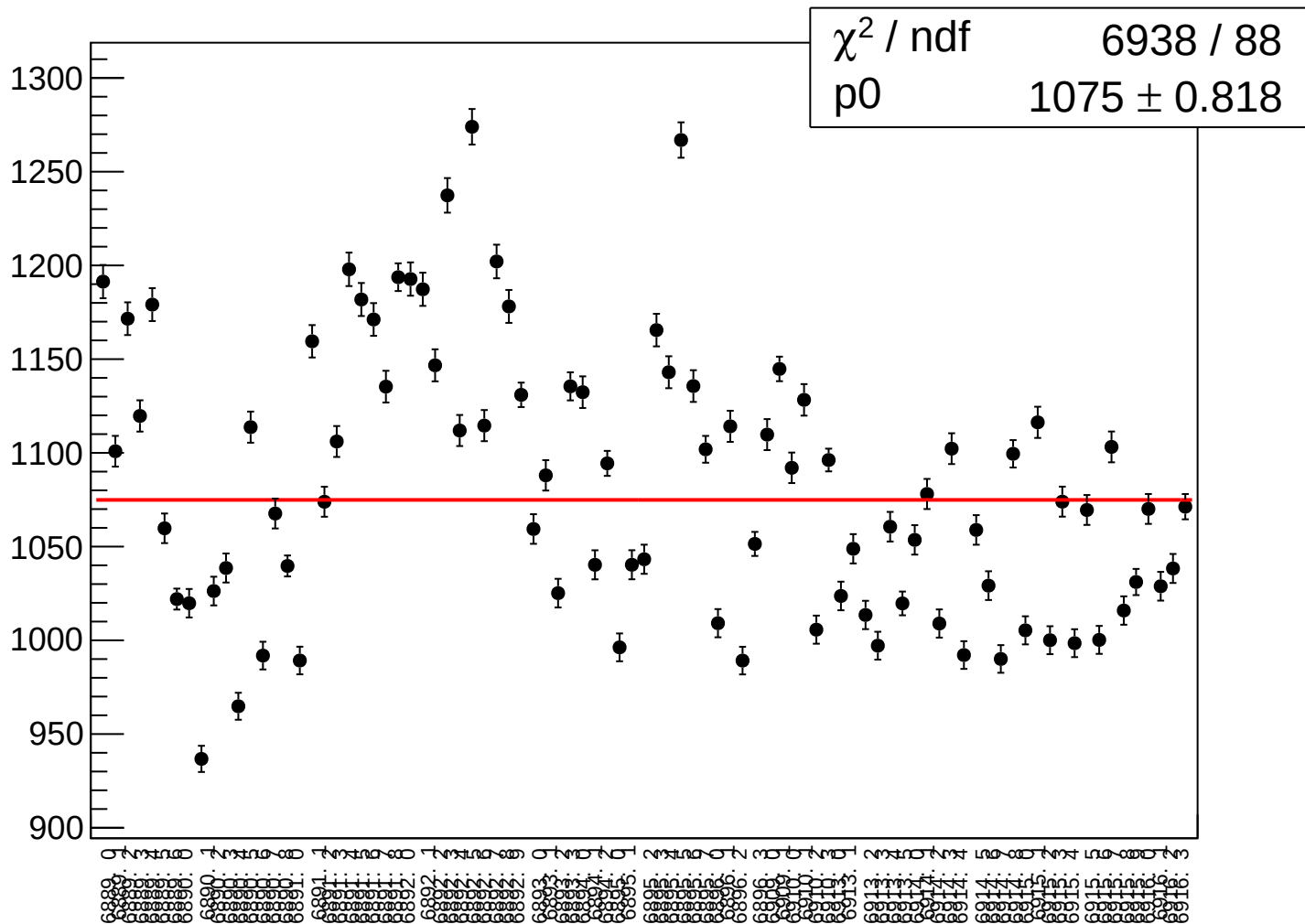
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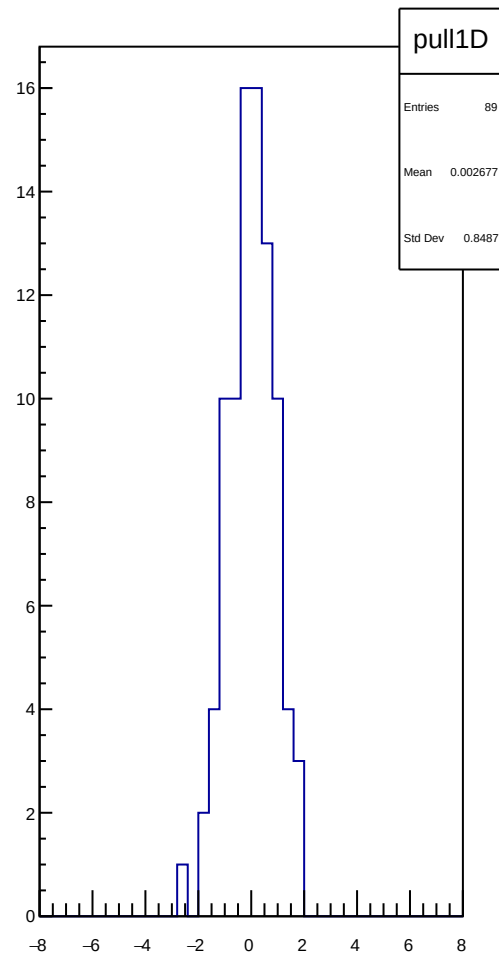
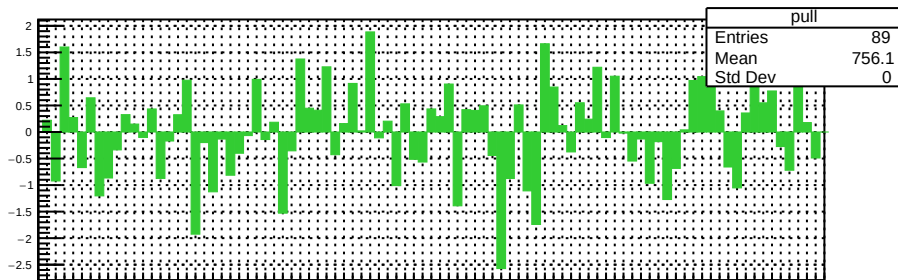
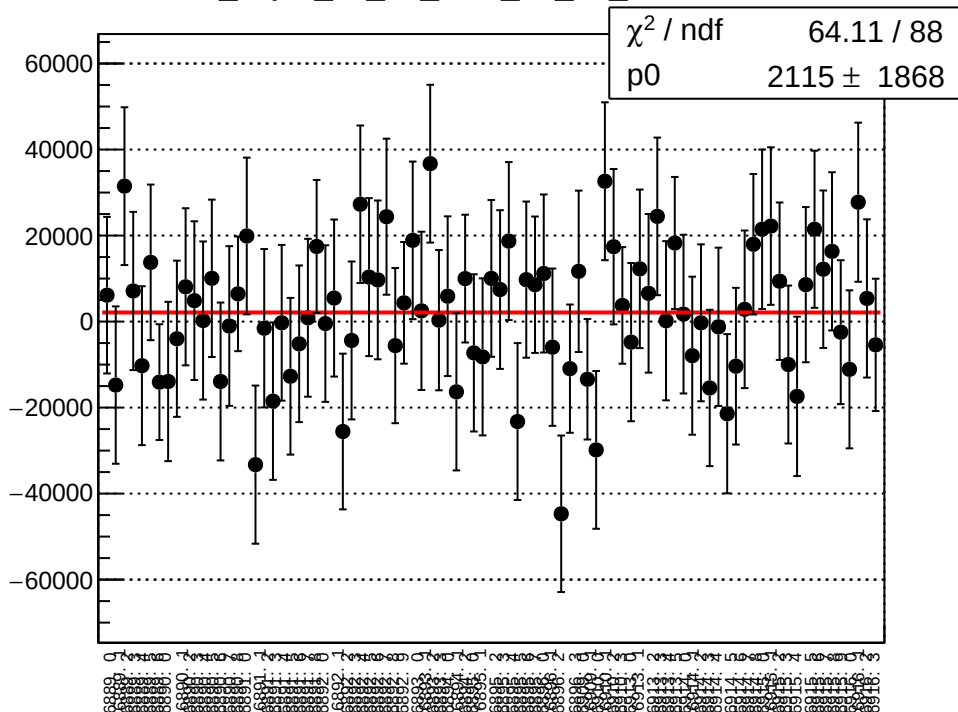
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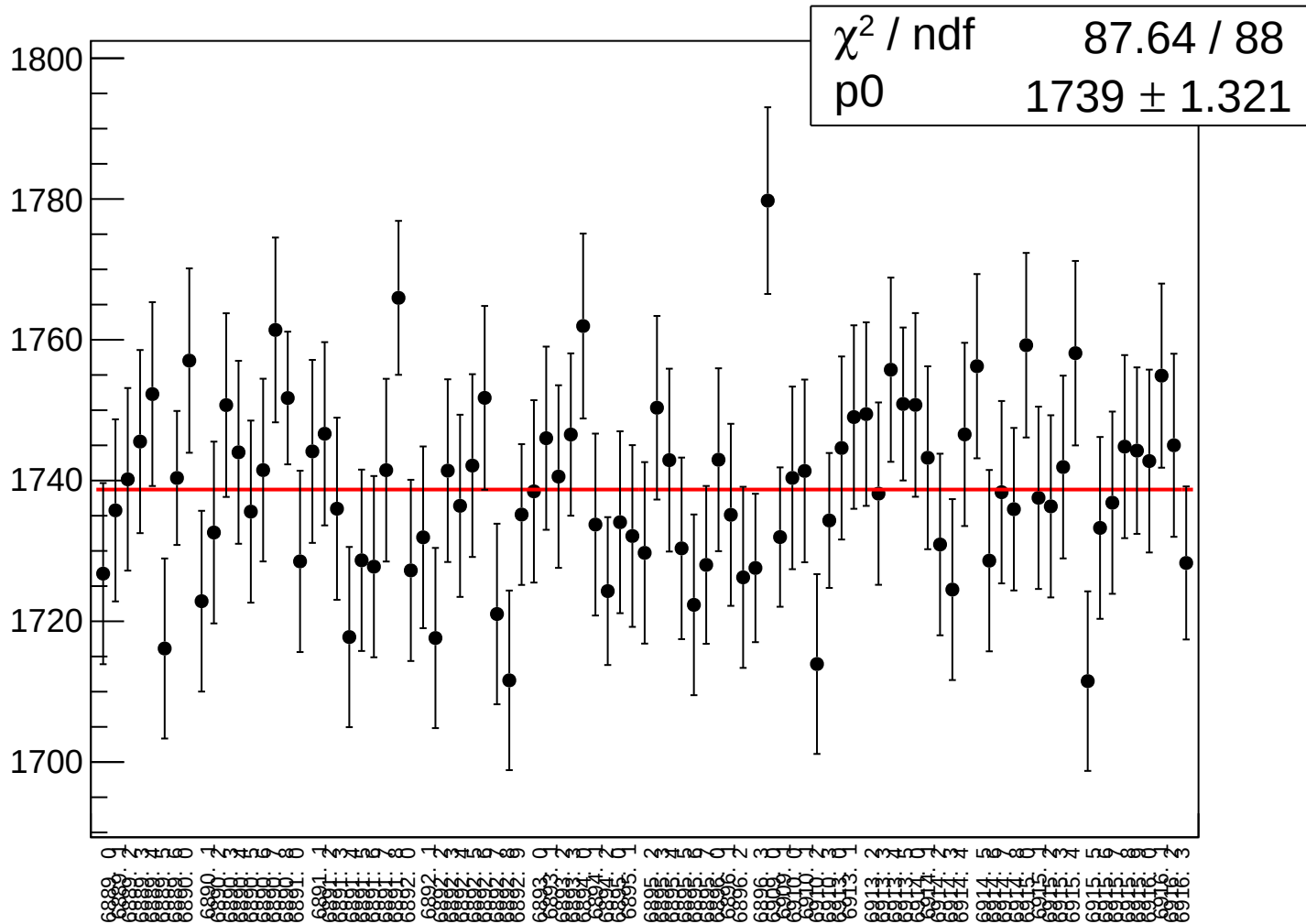
asym_us_dd_at1lr_dd_dd_reg_correction_rms vs run



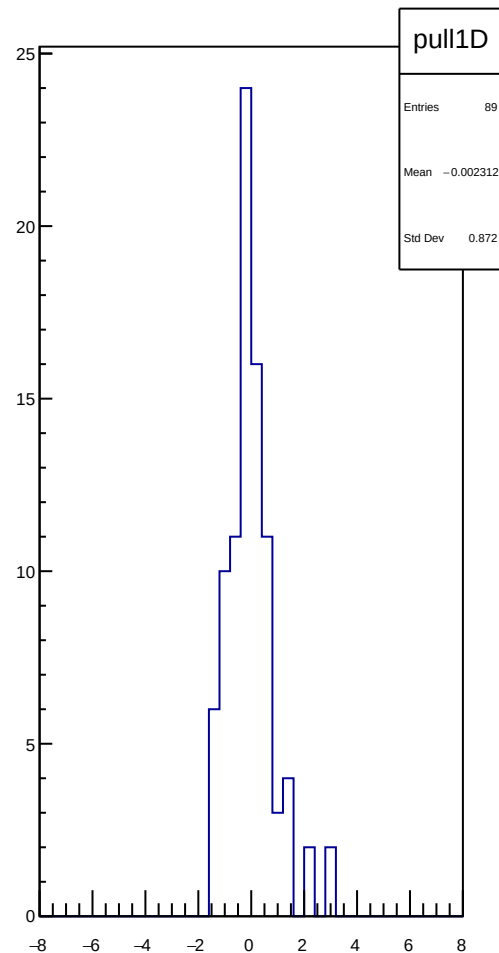
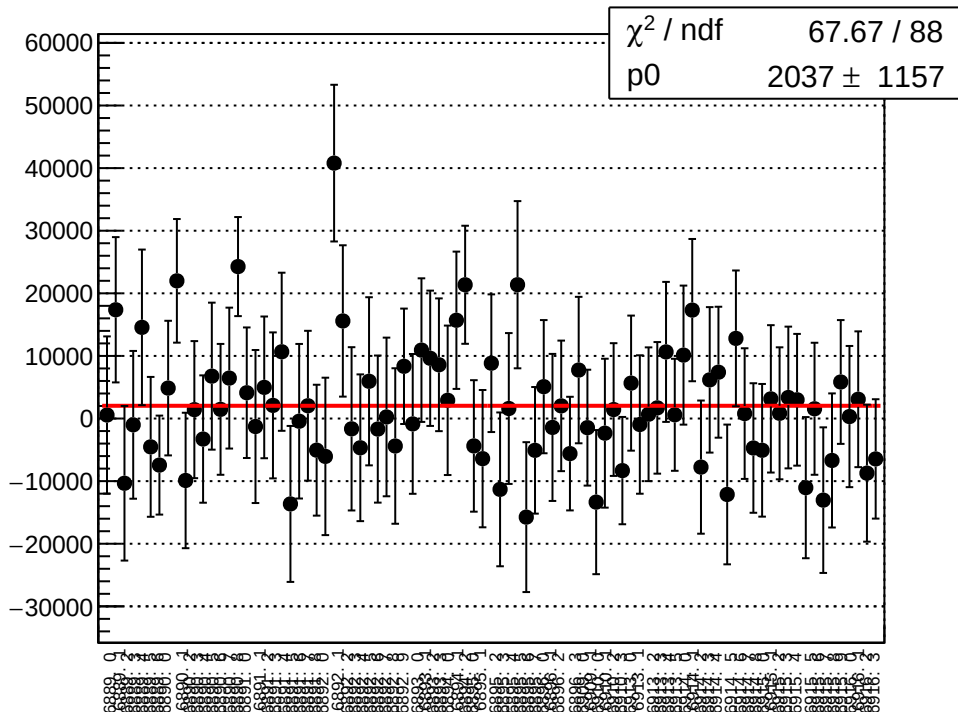
cor_asym_us_dd_at1lr_dd_dd_mean vs run



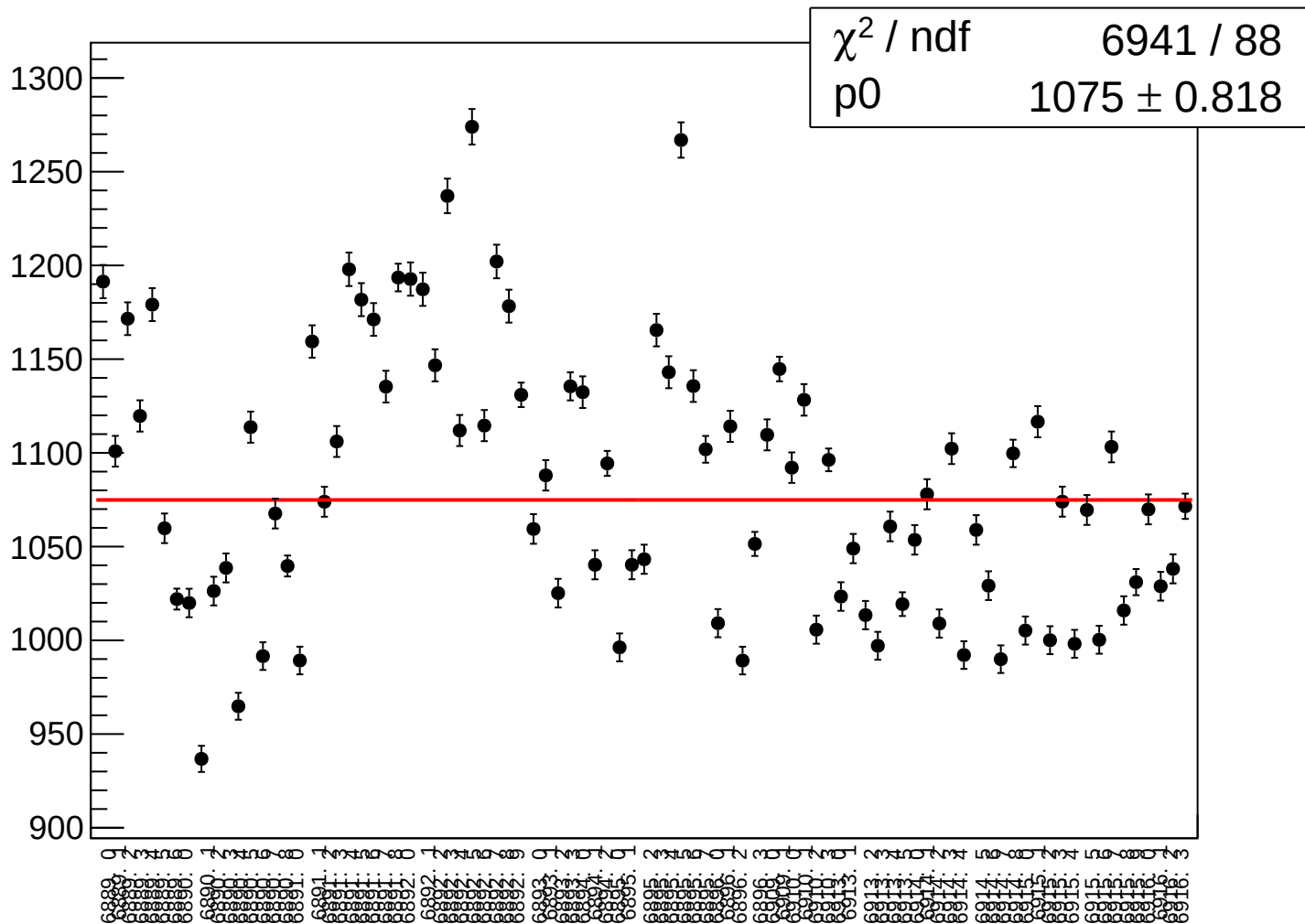
cor_asym_us_dd_at1lr_dd_dd_rms vs run



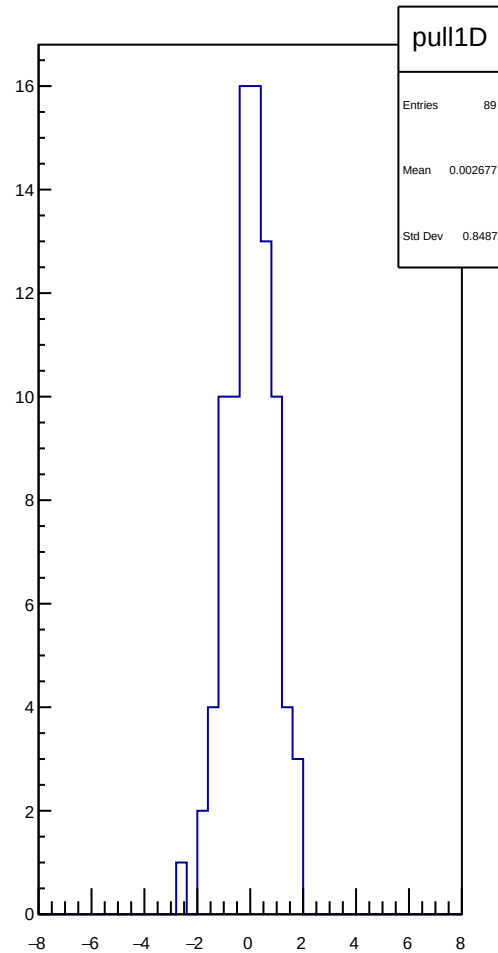
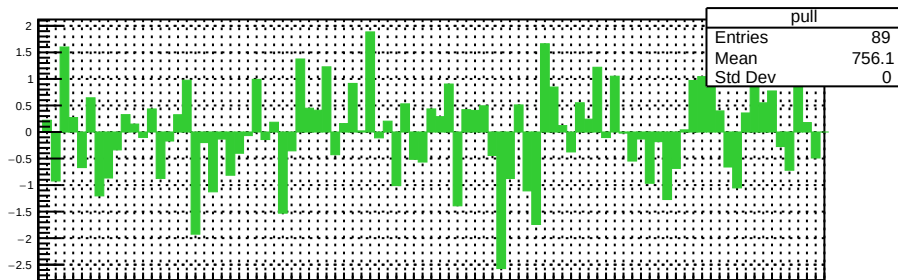
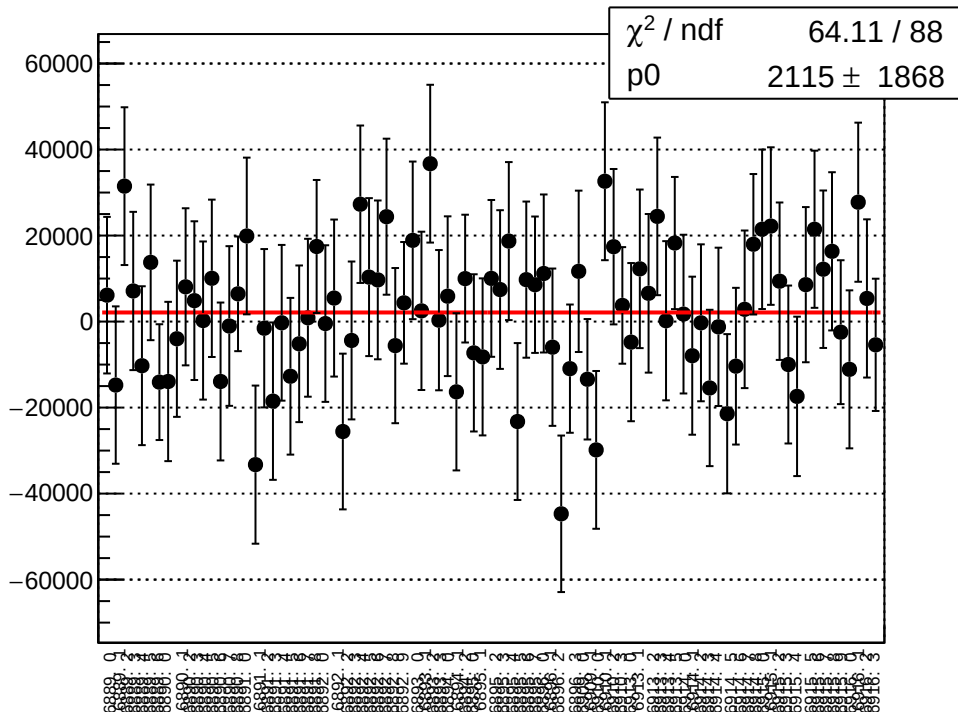
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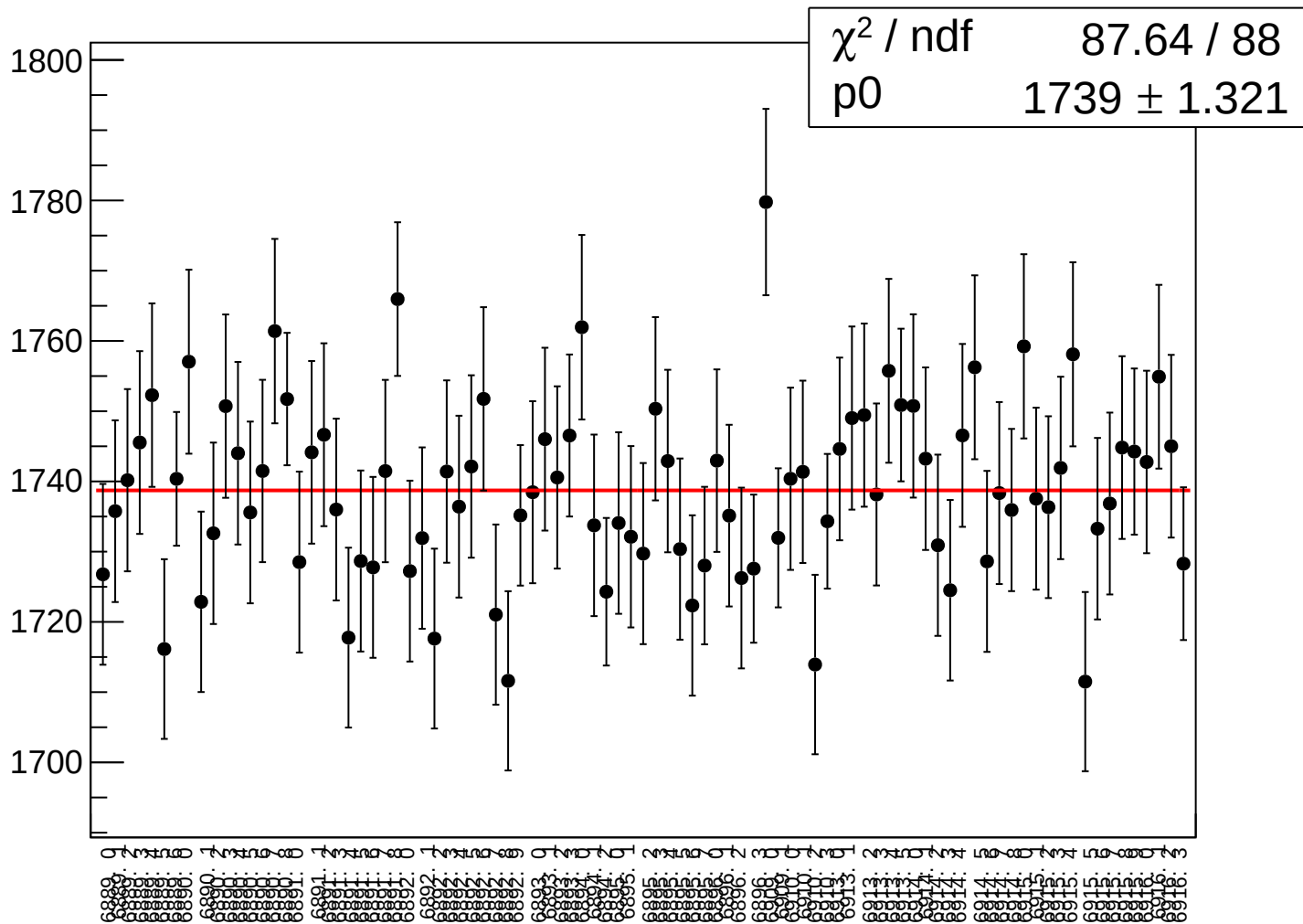
asym_us_dd_at1lr_dd_dd_cor_correction_rms vs run



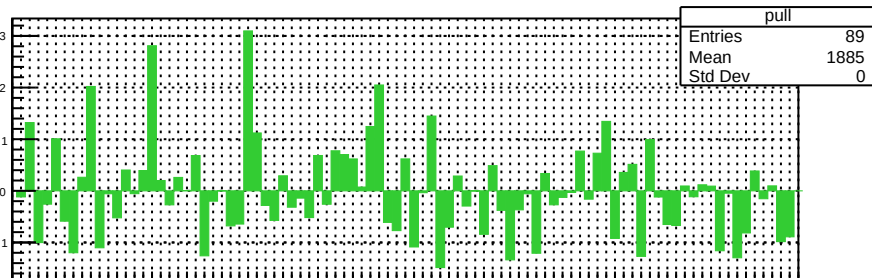
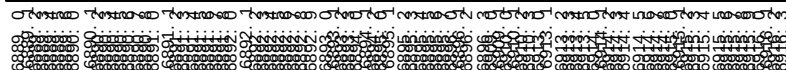
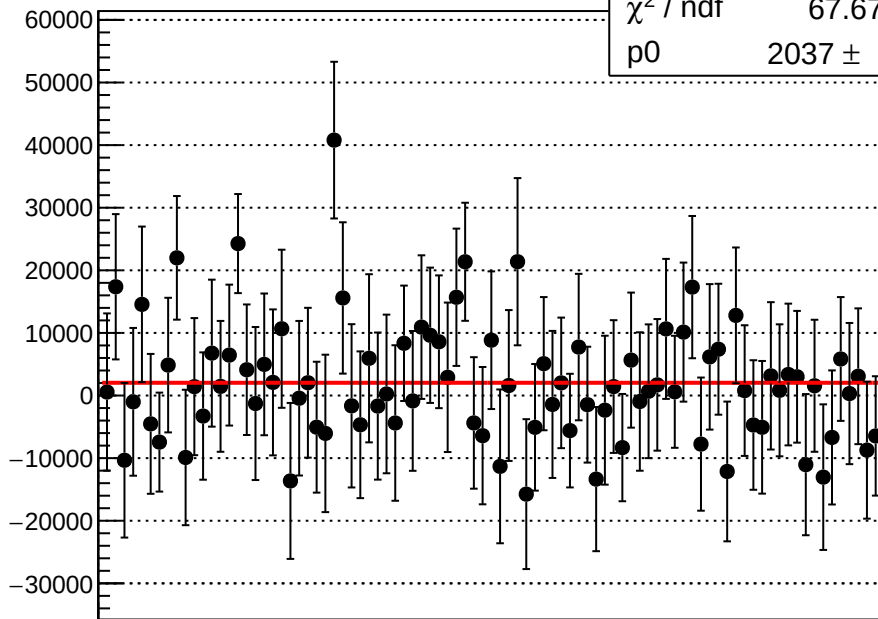
eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs run



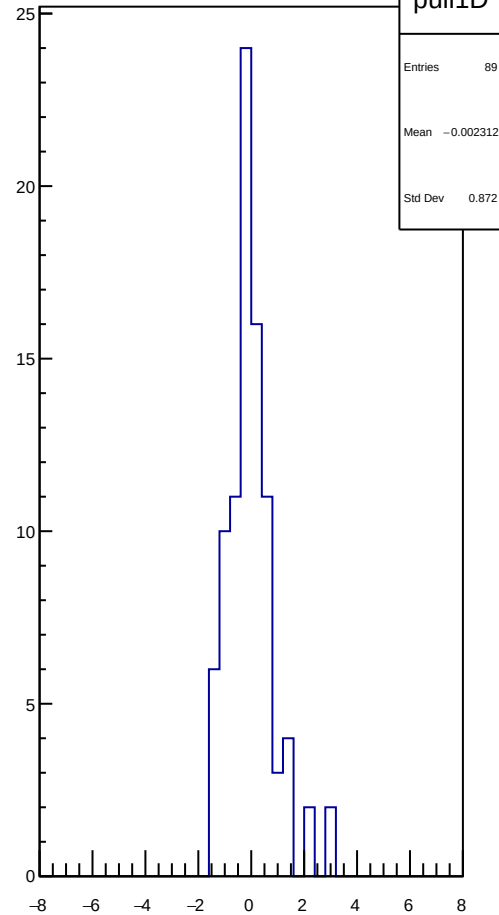
eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs run



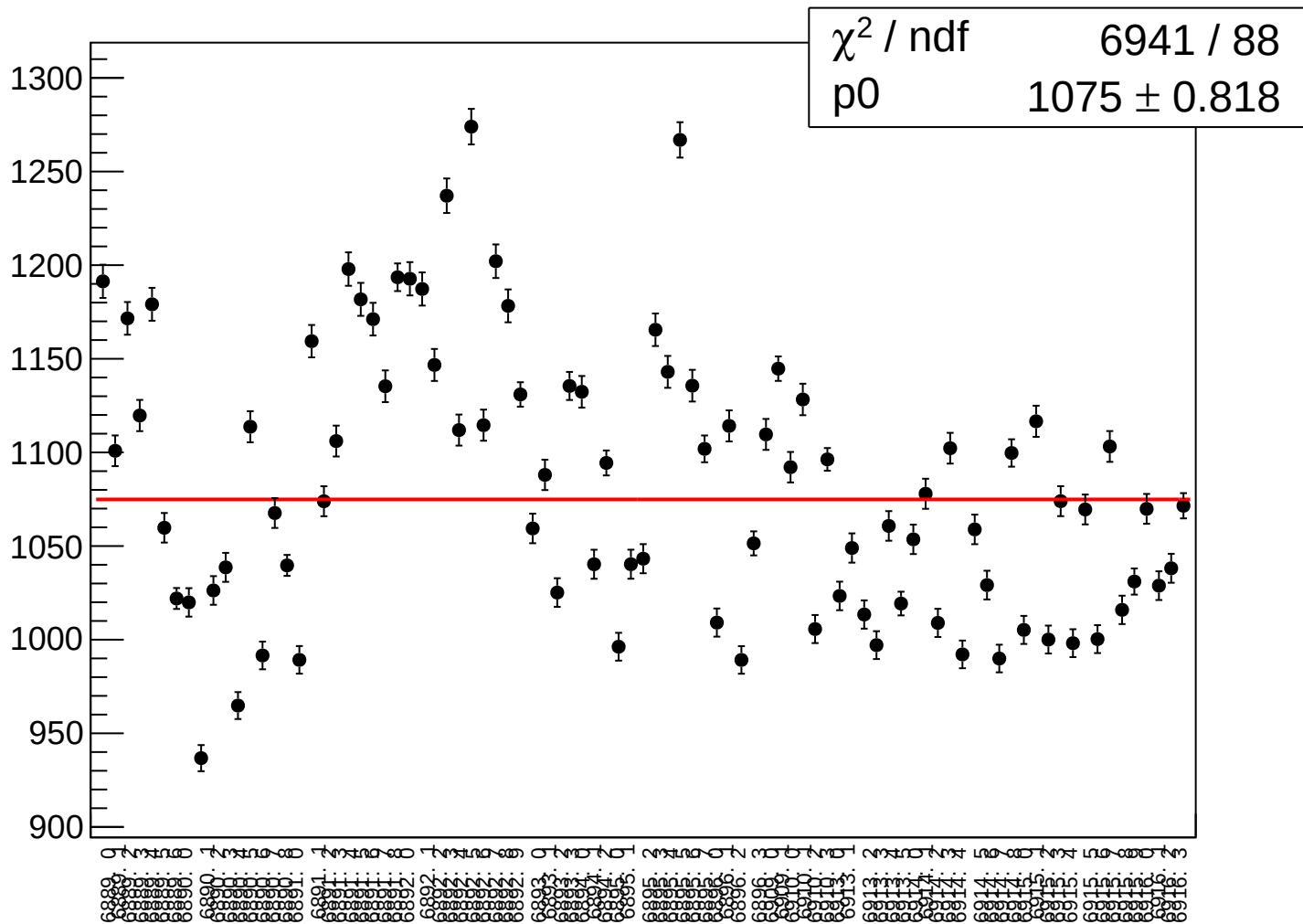
χ^2 / ndf	67.67 / 88
p0	2037 ± 1157



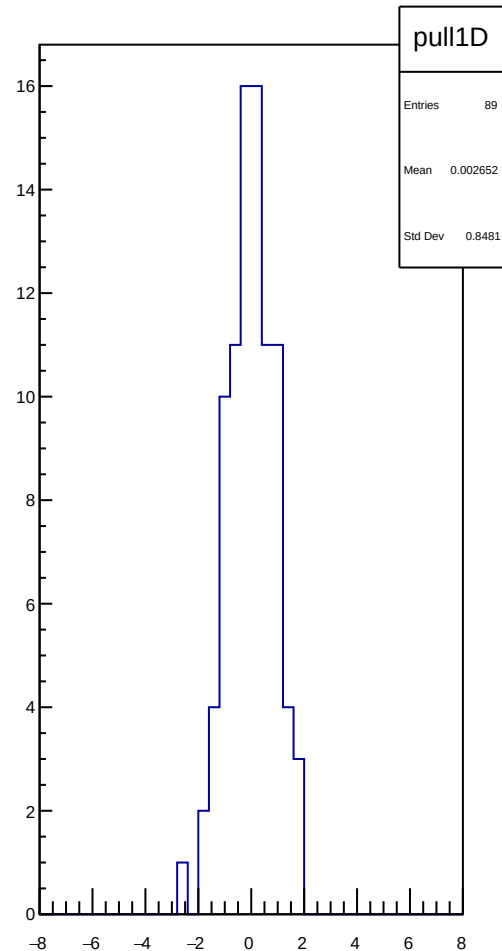
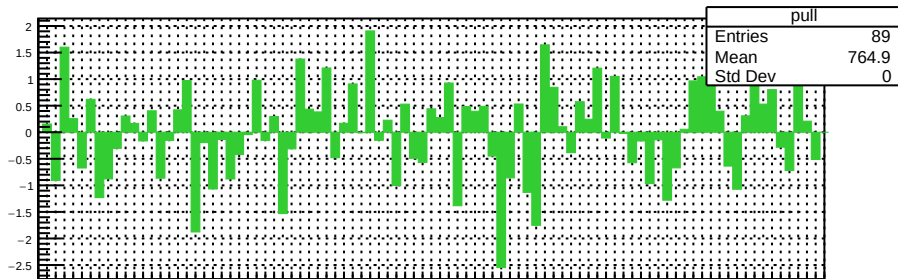
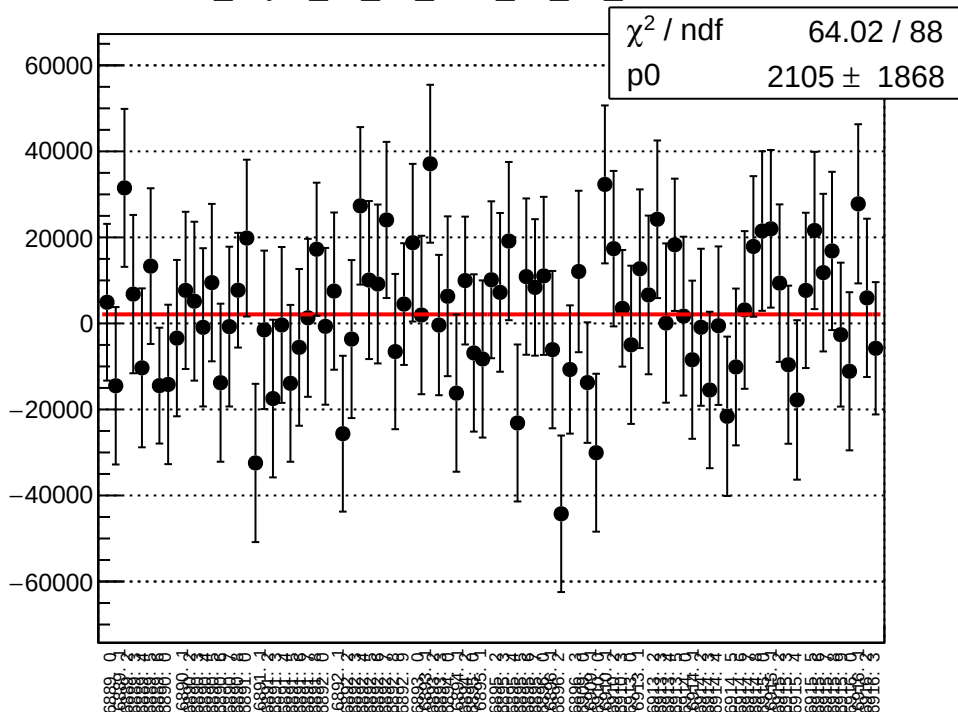
pull1D



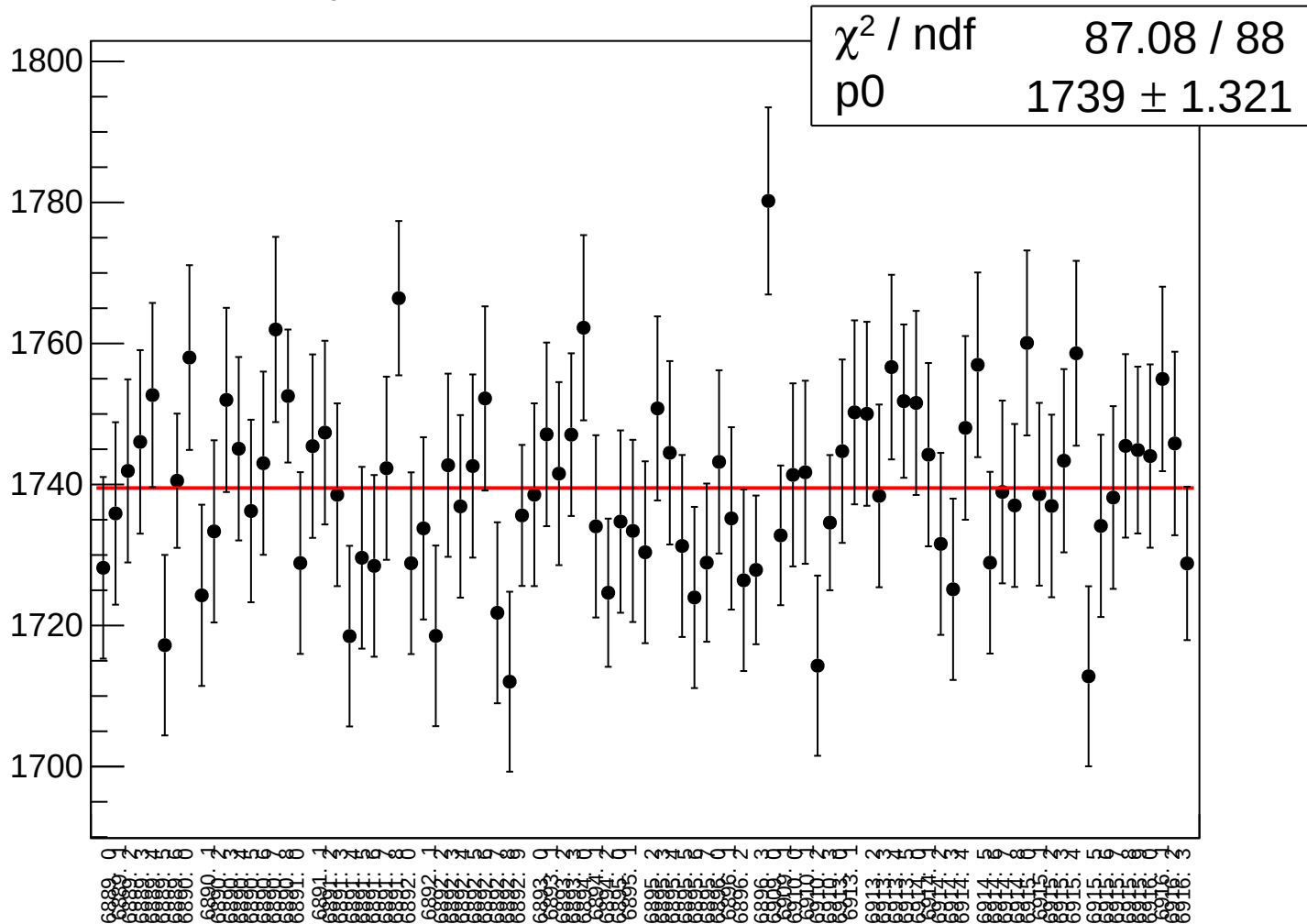
asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs run



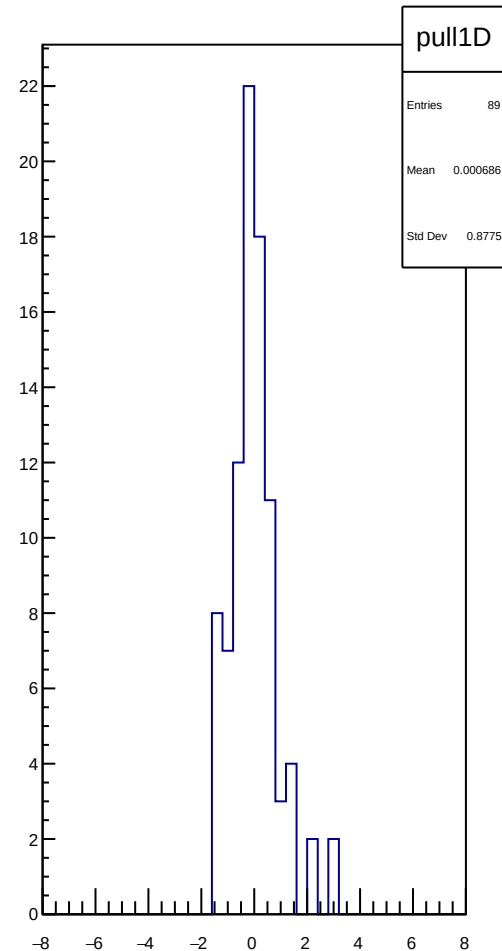
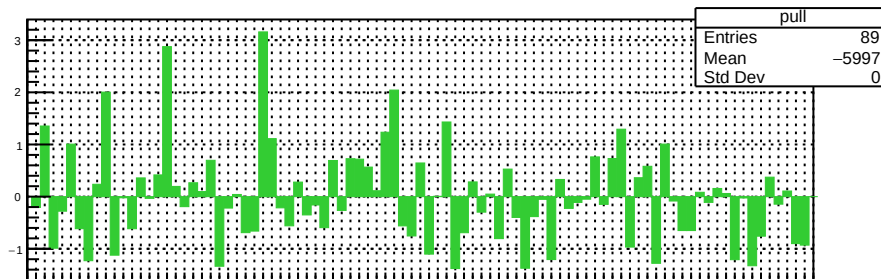
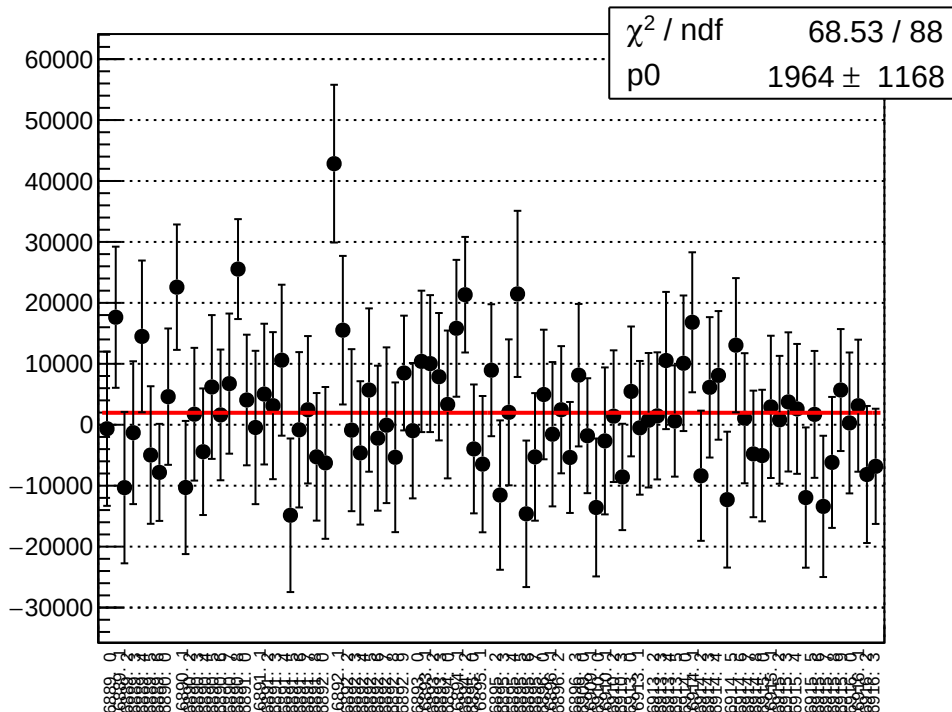
dit_asym_us_dd_at1lr_dd_dd_mean vs run



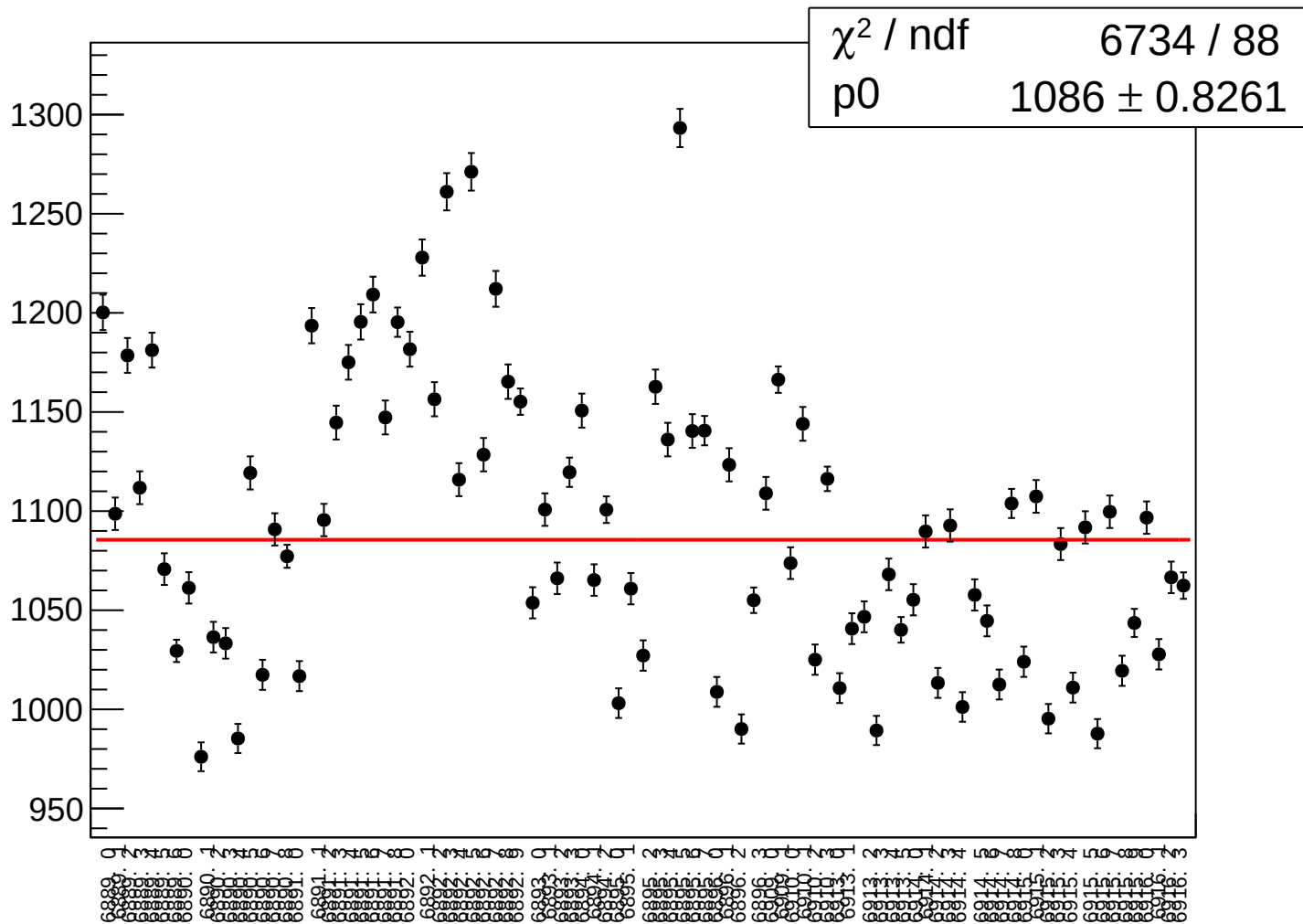
dit_asym_us_dd_at1lr_dd_dd_rms vs run



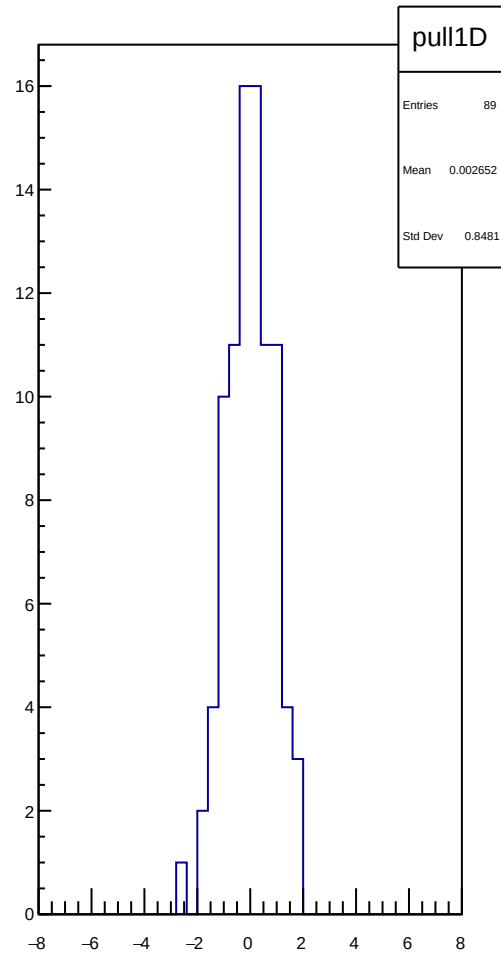
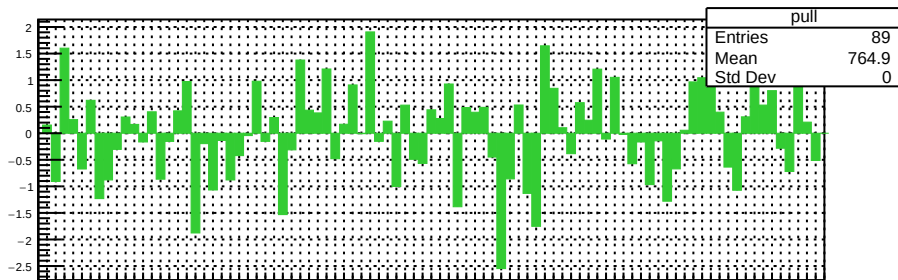
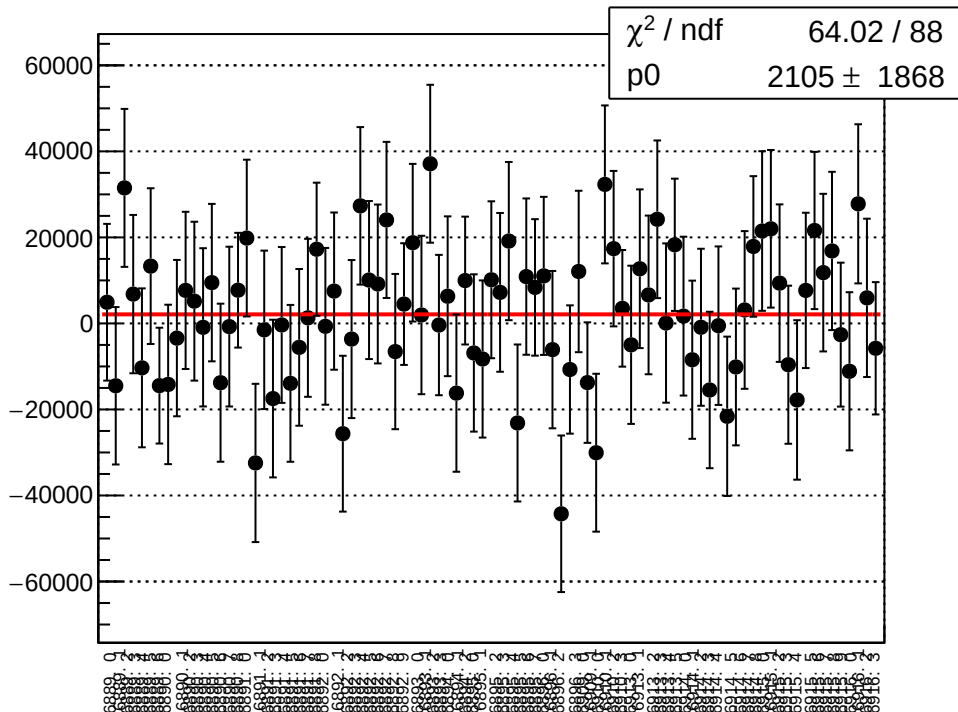
asym_us_dd_at1lr_dd_dd_dit_correction_mean vs run



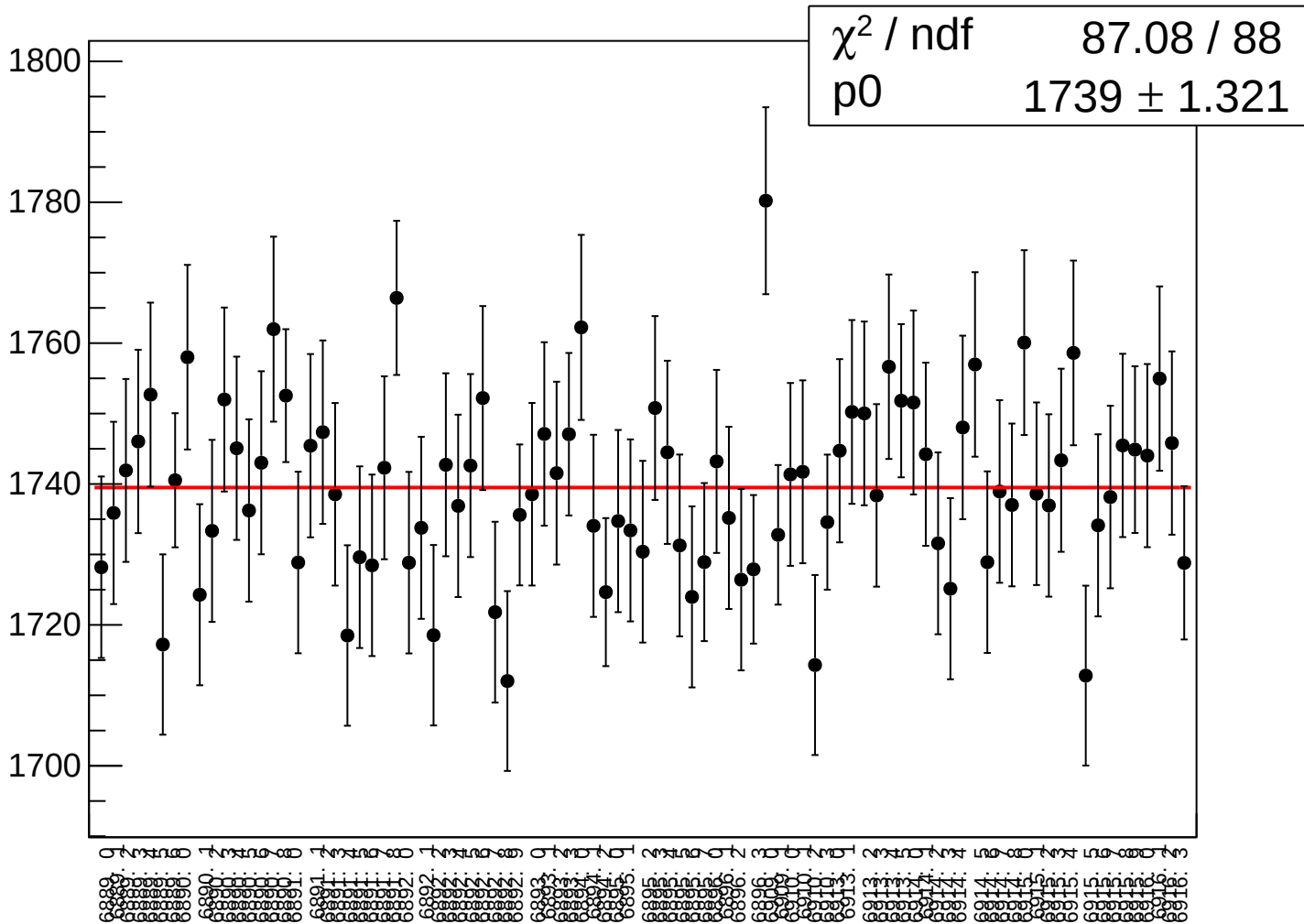
asym_us_dd_at1lr_dd_dd_dit_correction_rms vs run



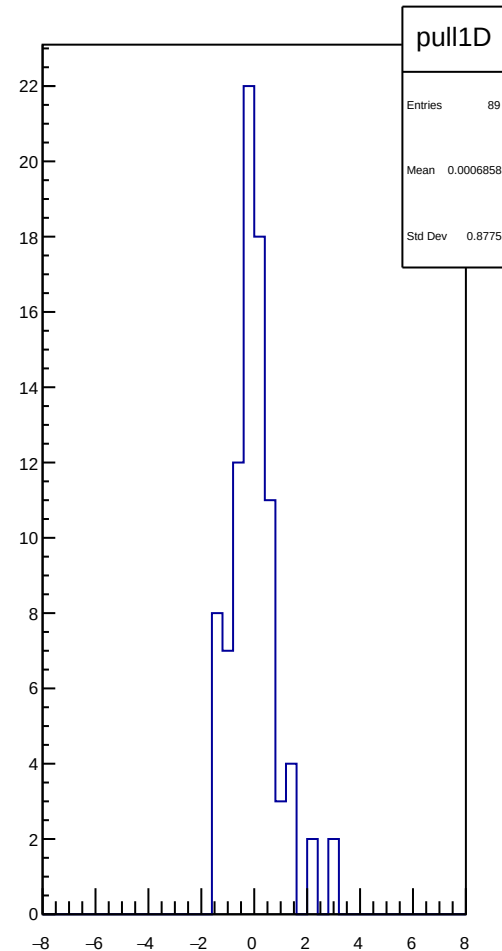
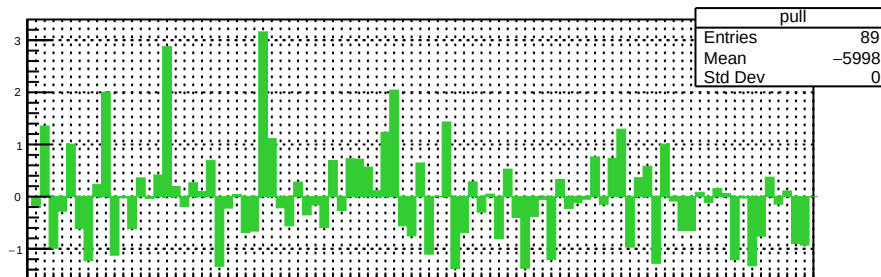
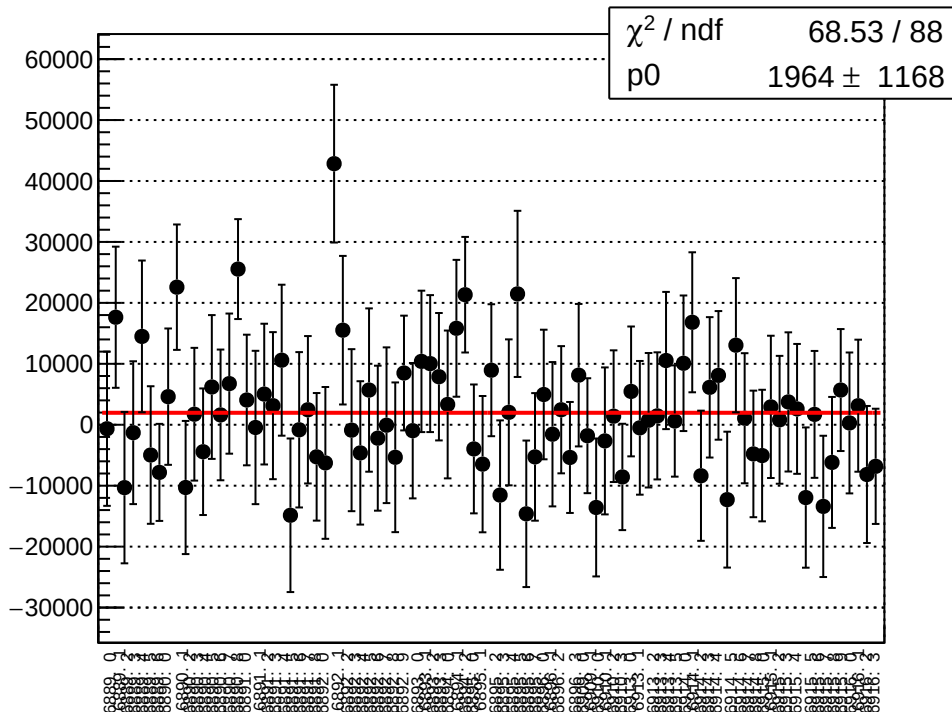
eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs run



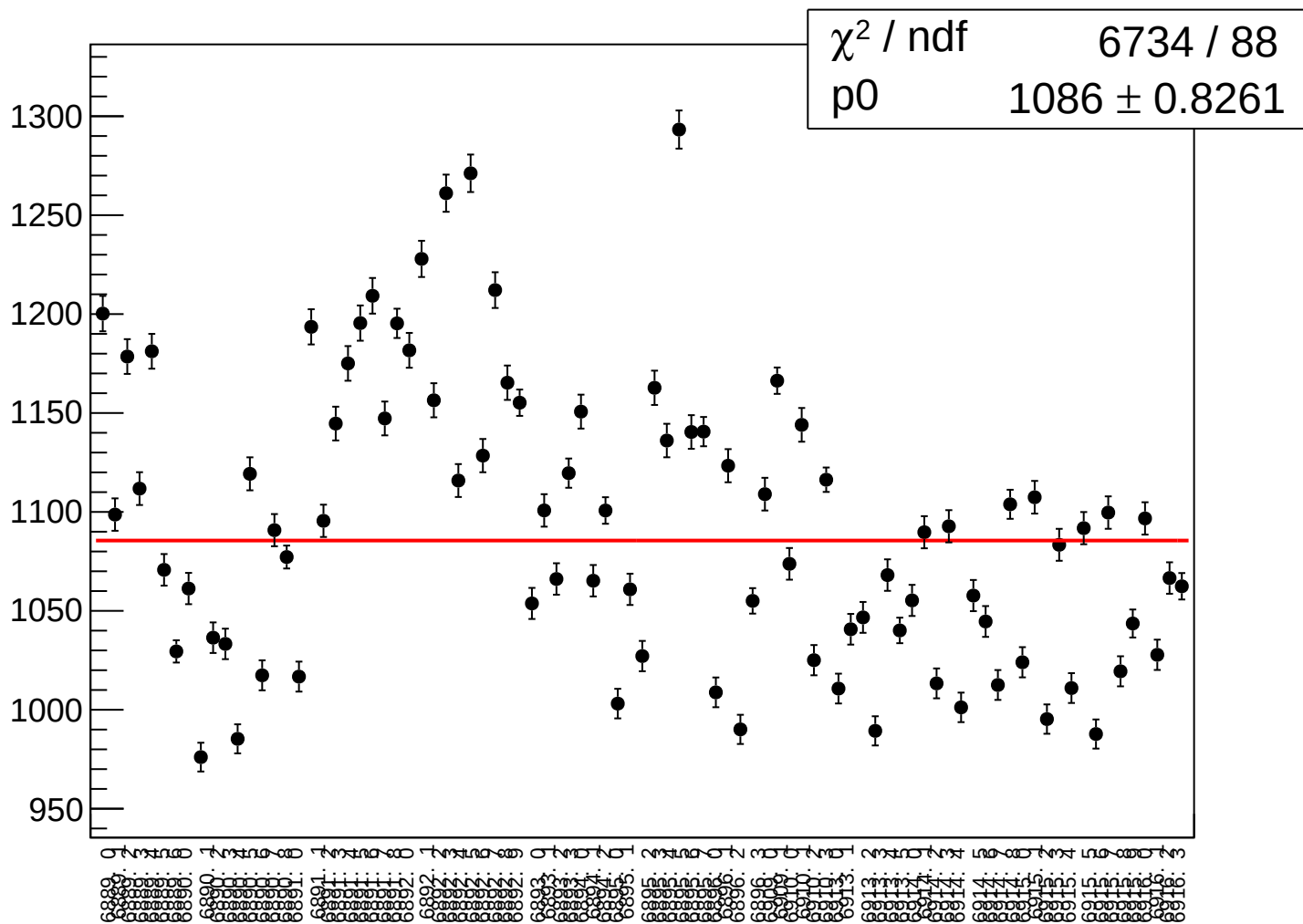
eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs run



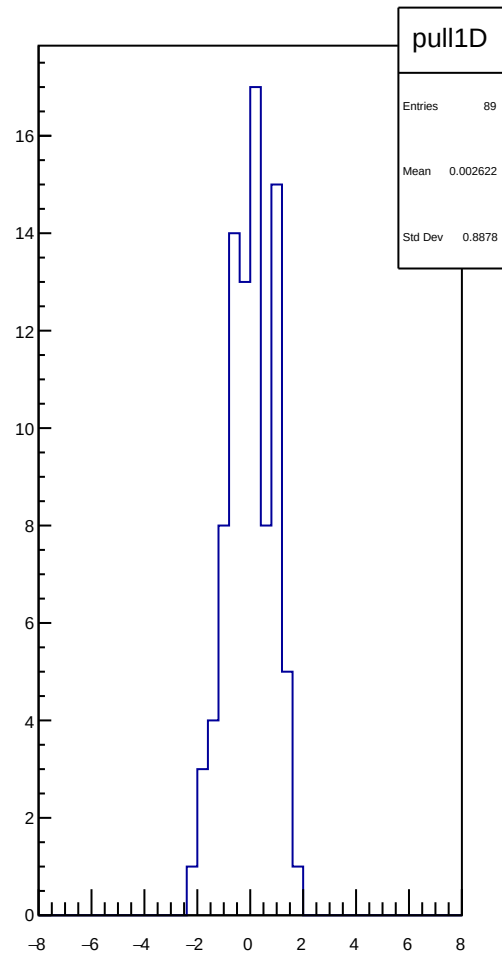
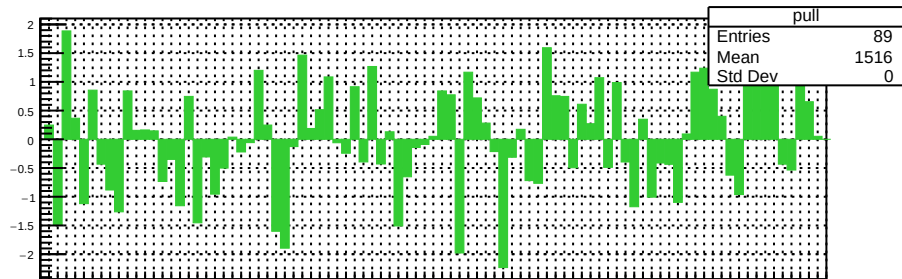
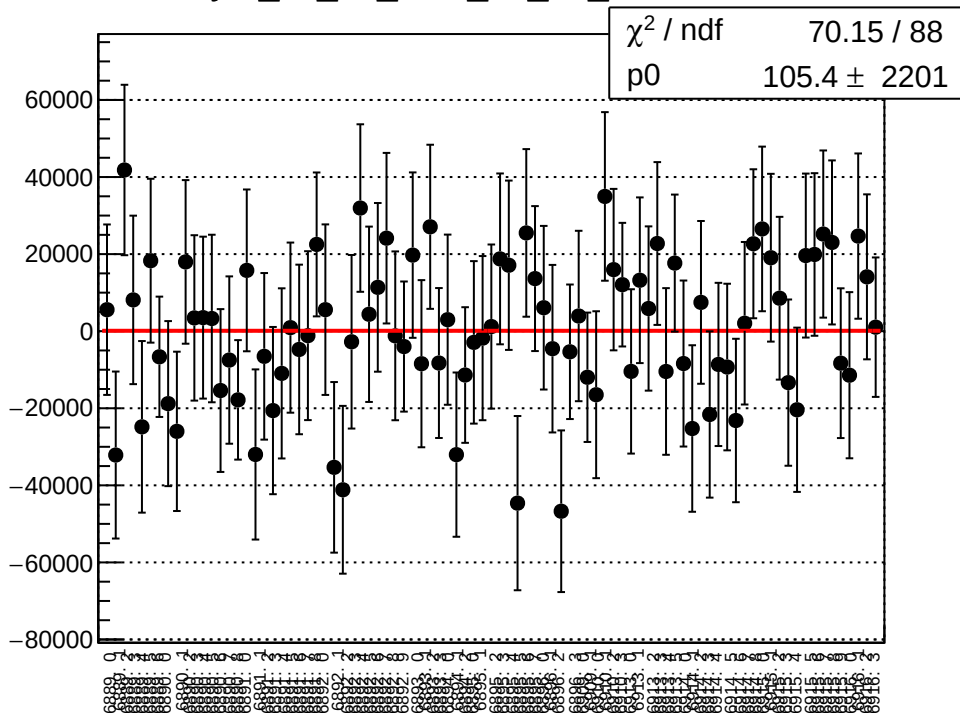
asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs run



asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs run



asym_us_dd_at1lr_dd_dd_mean vs run



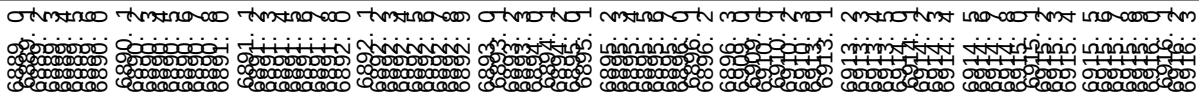
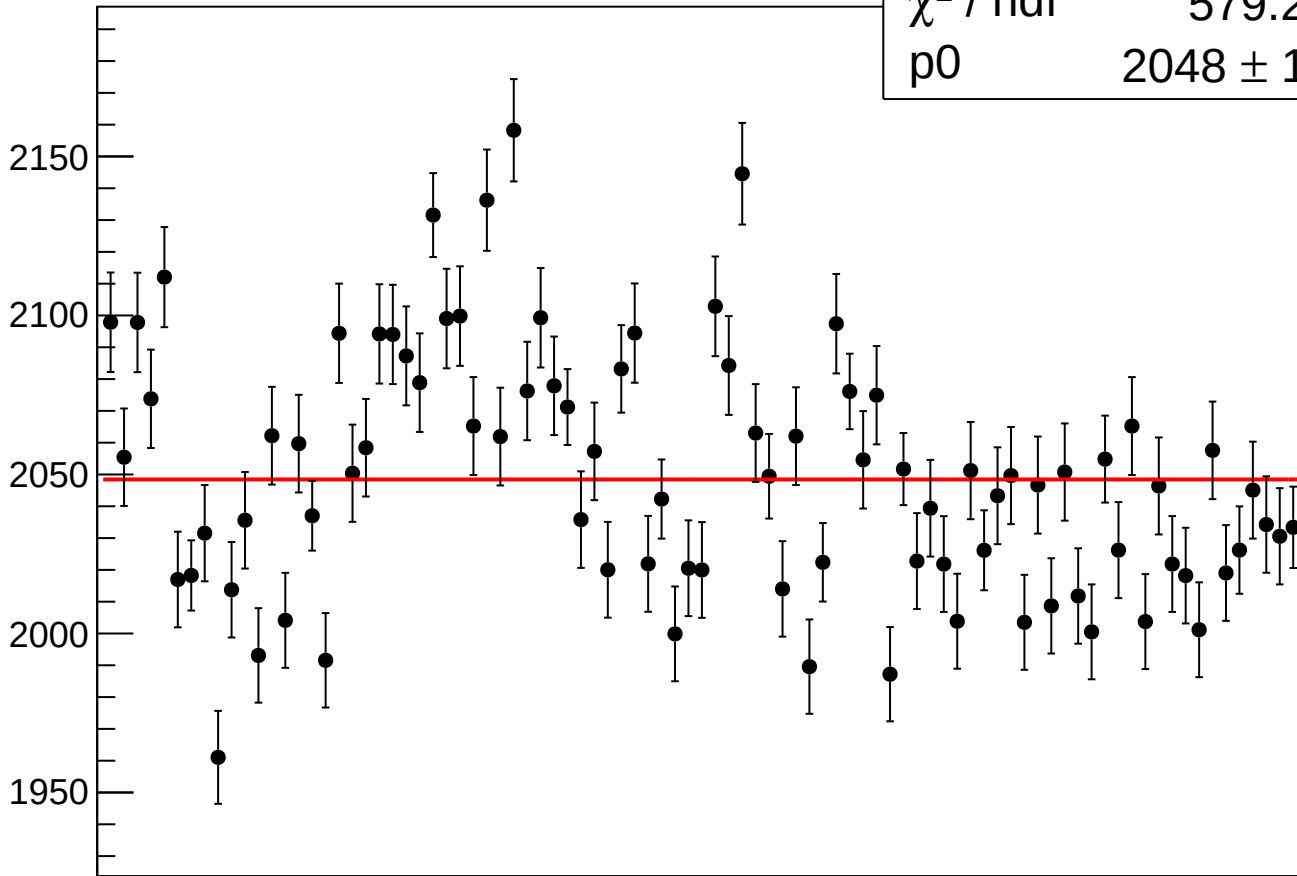
asym_us_dd_at1lr_dd_dd_rms vs run

χ^2 / ndf

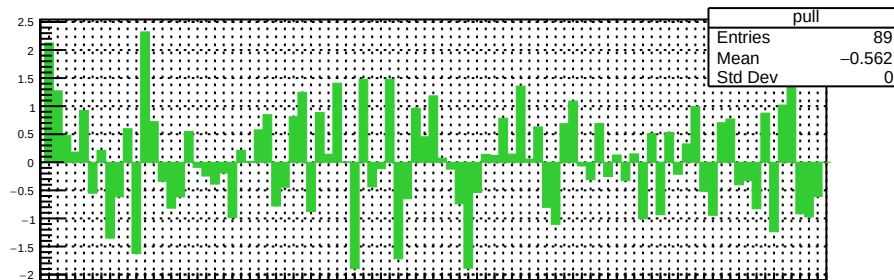
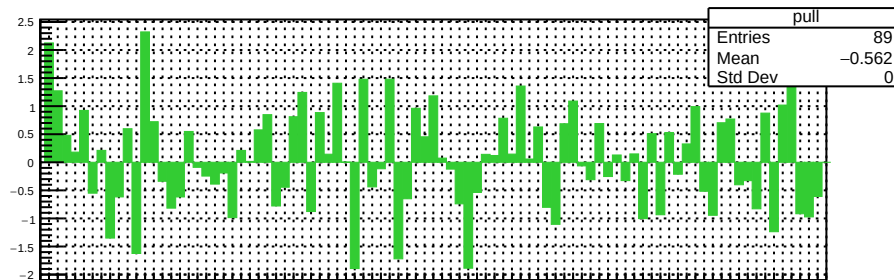
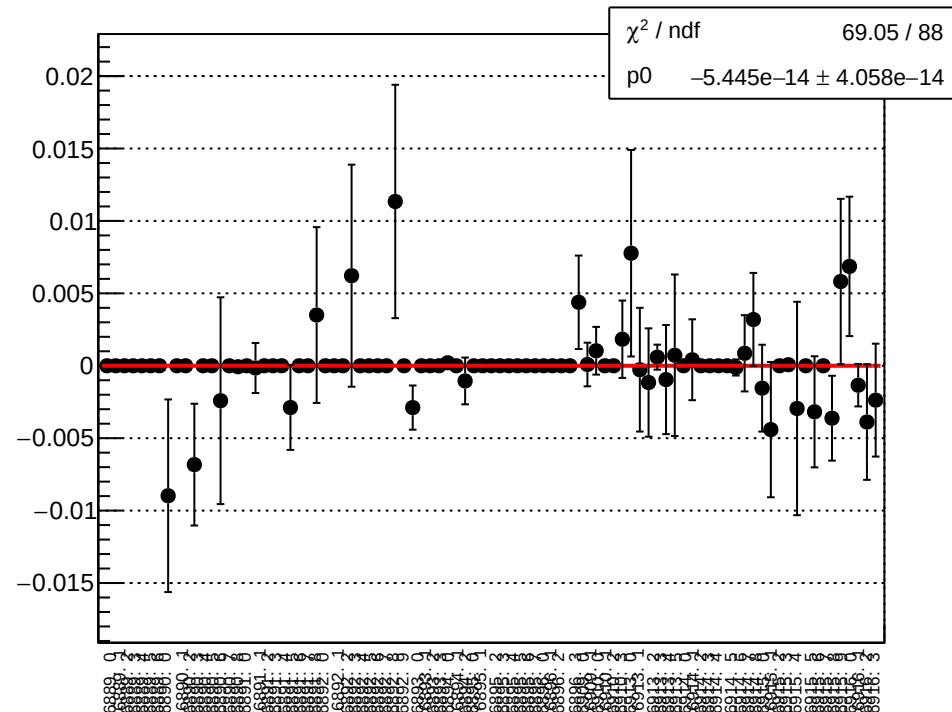
579.2 / 88

p0

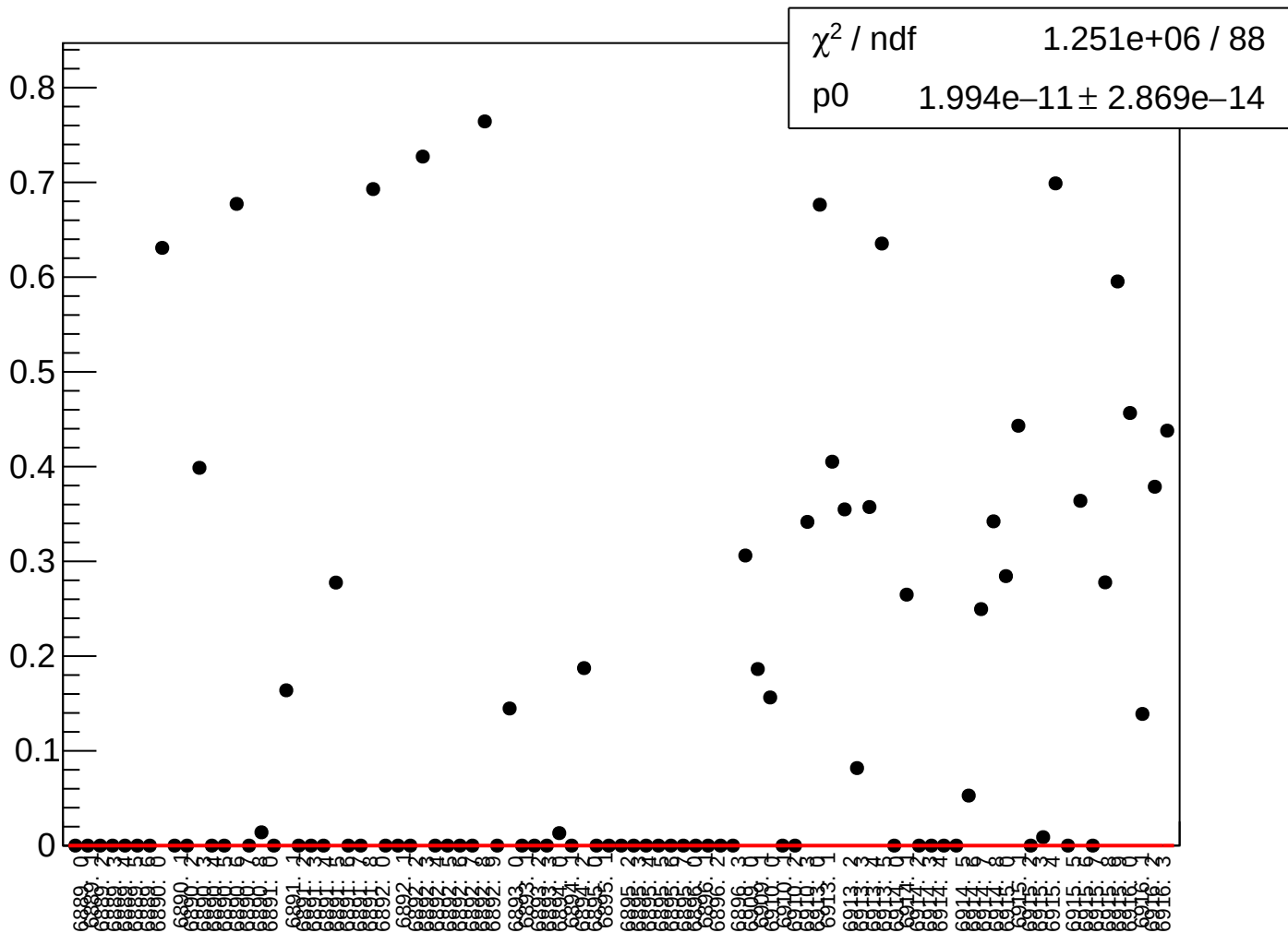
2048 ± 1.556



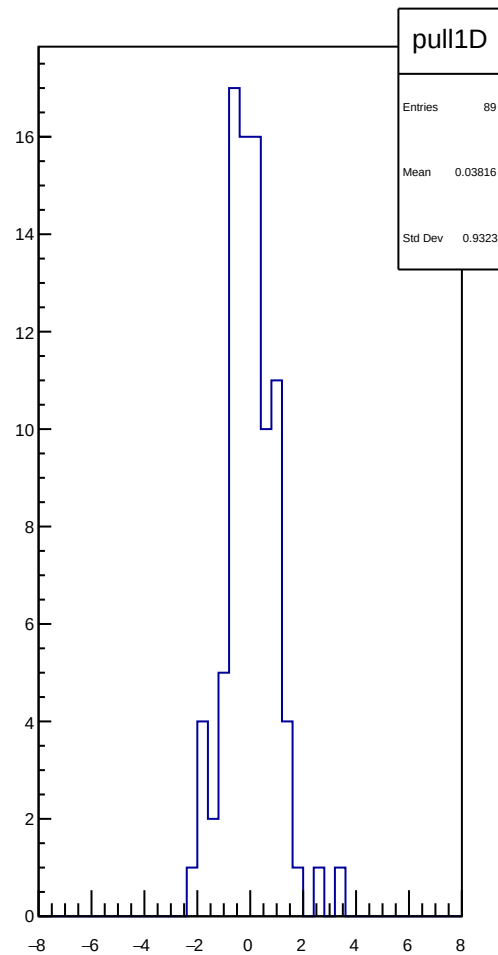
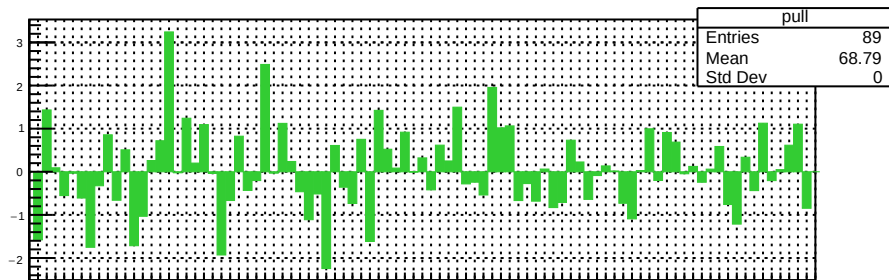
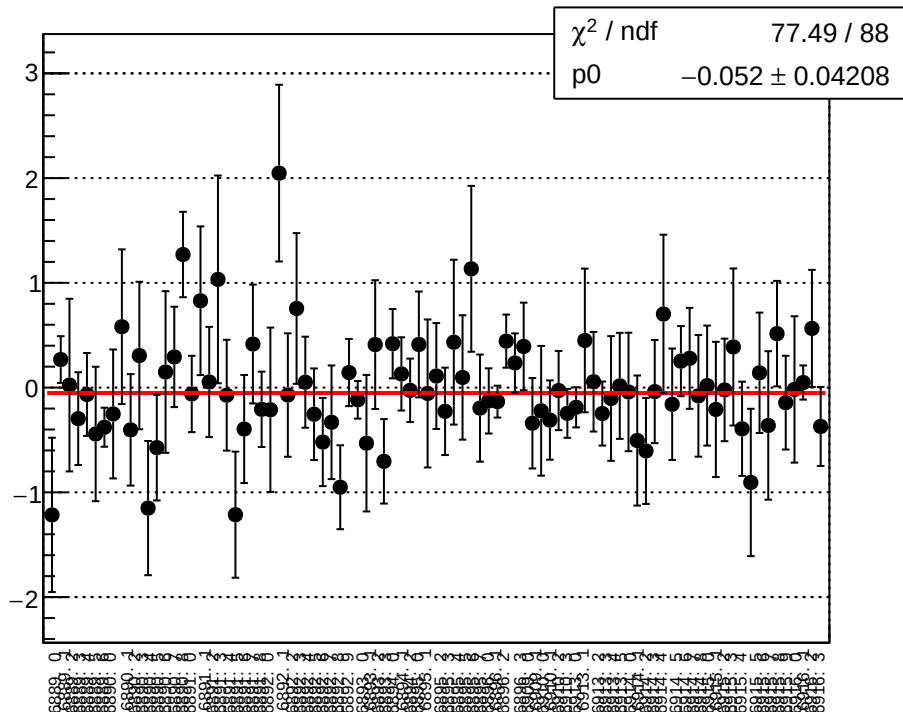
asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs run



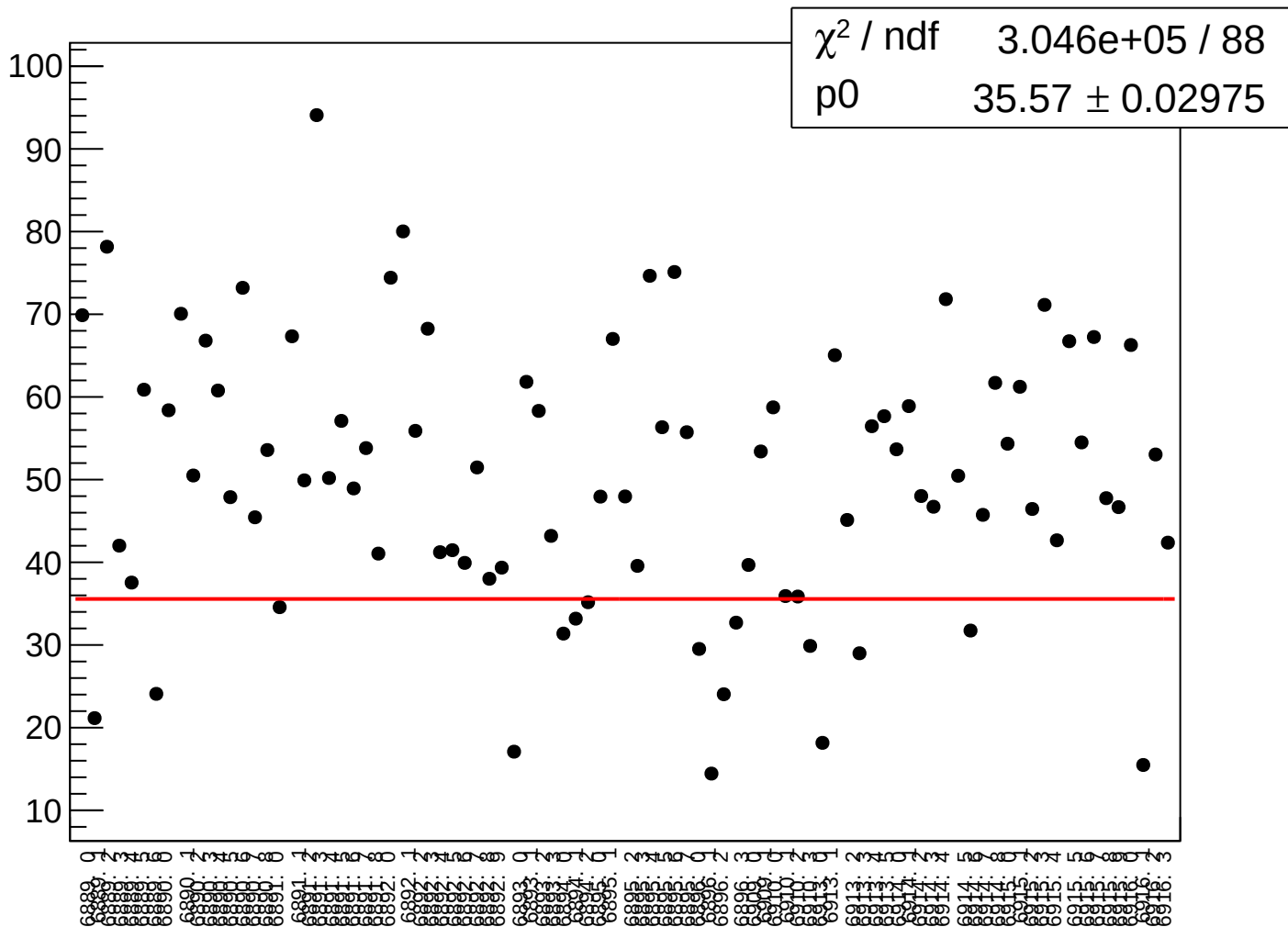
asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs run



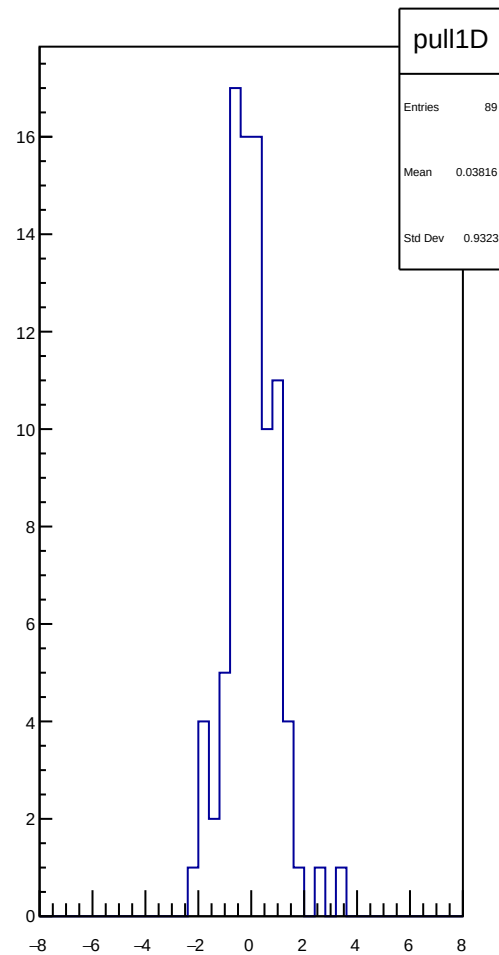
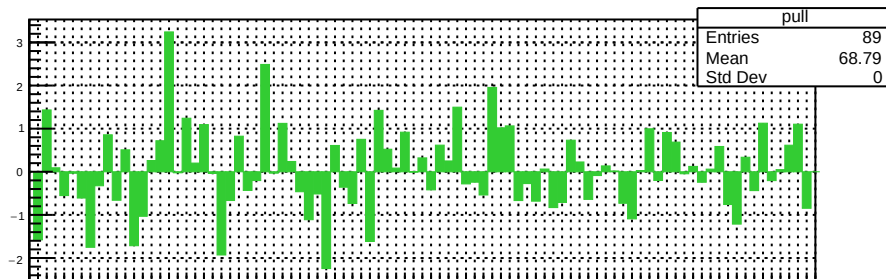
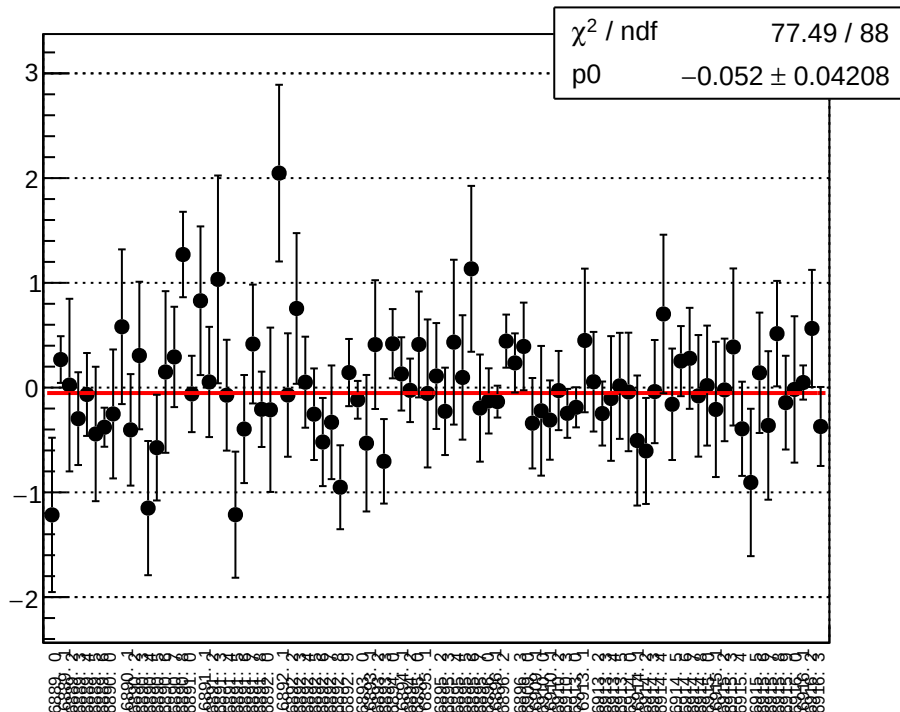
asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs run



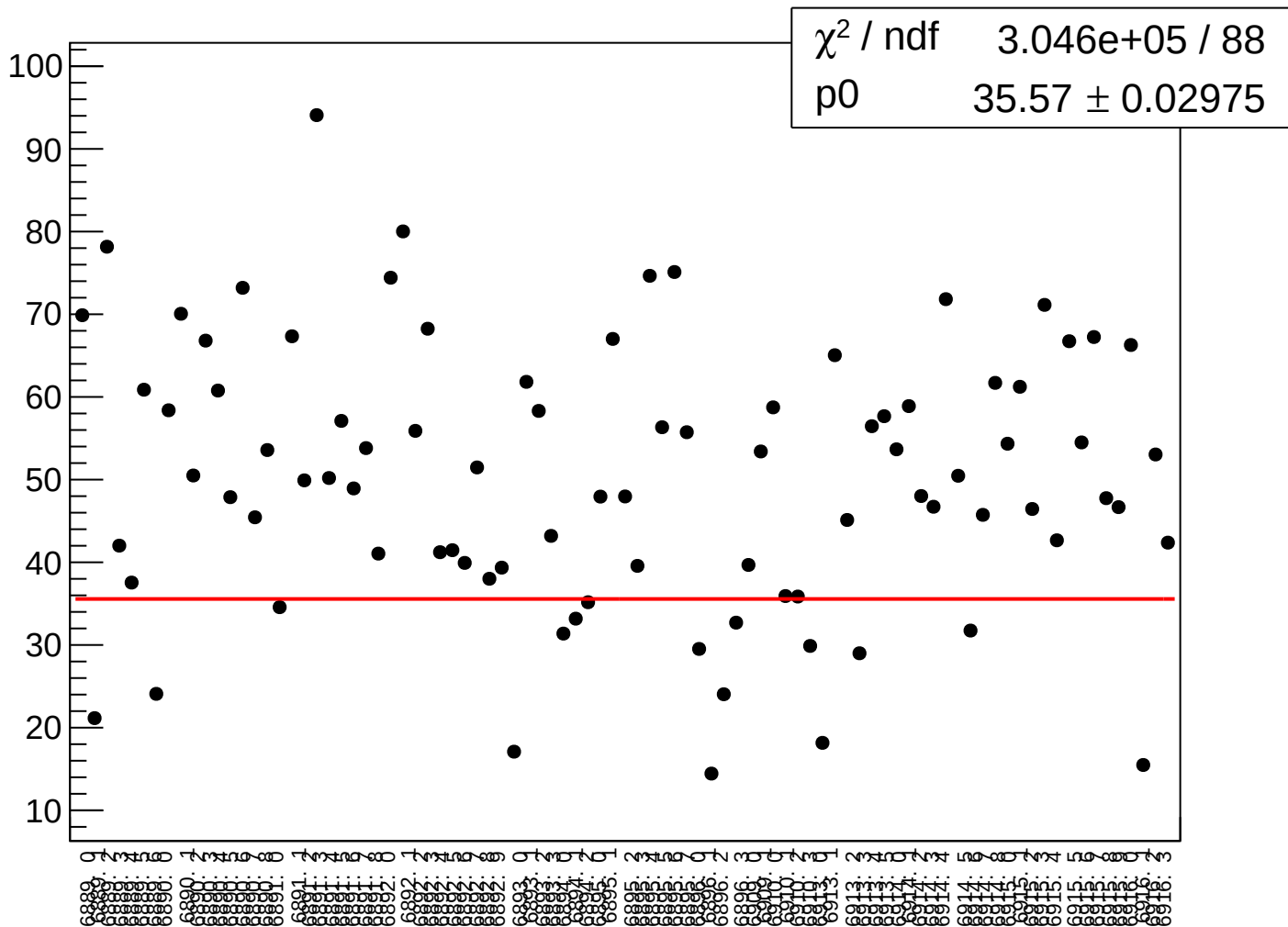
asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs run



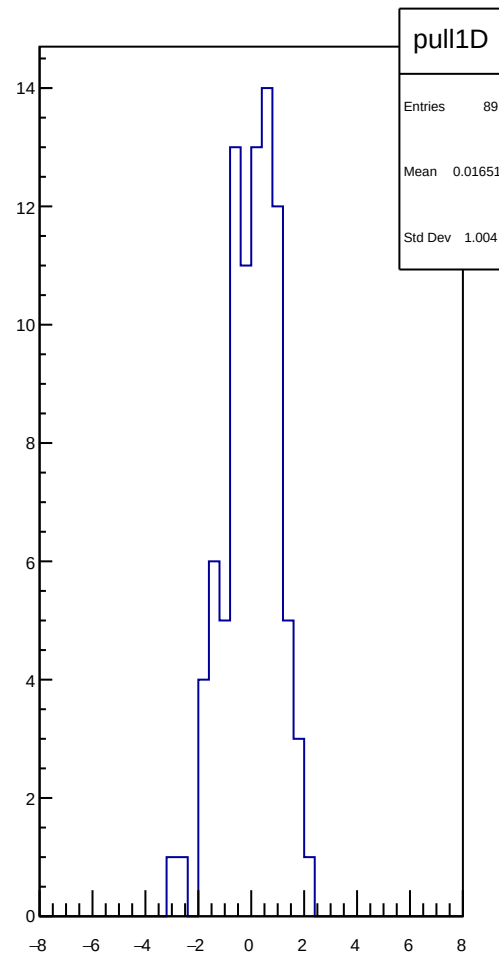
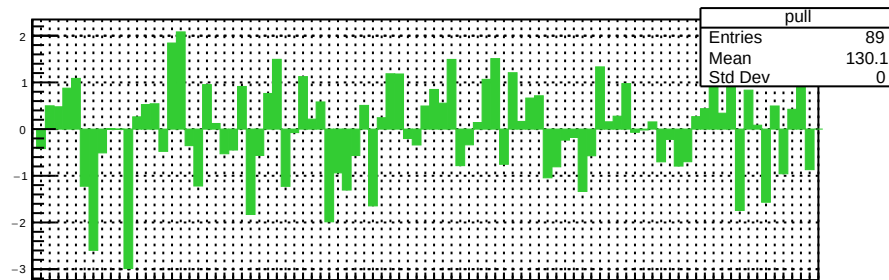
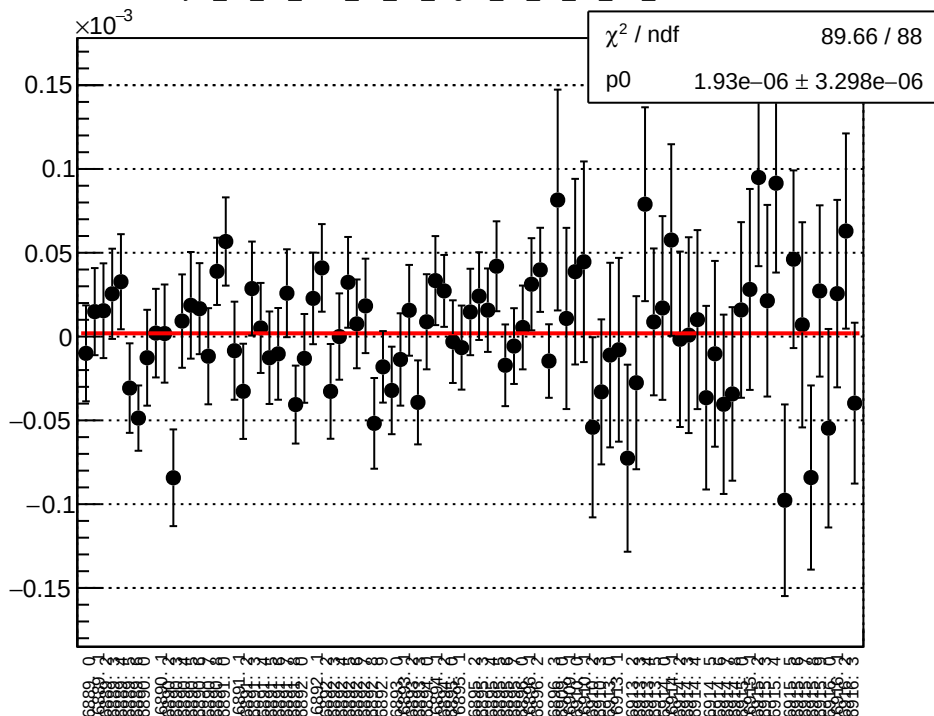
asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs run



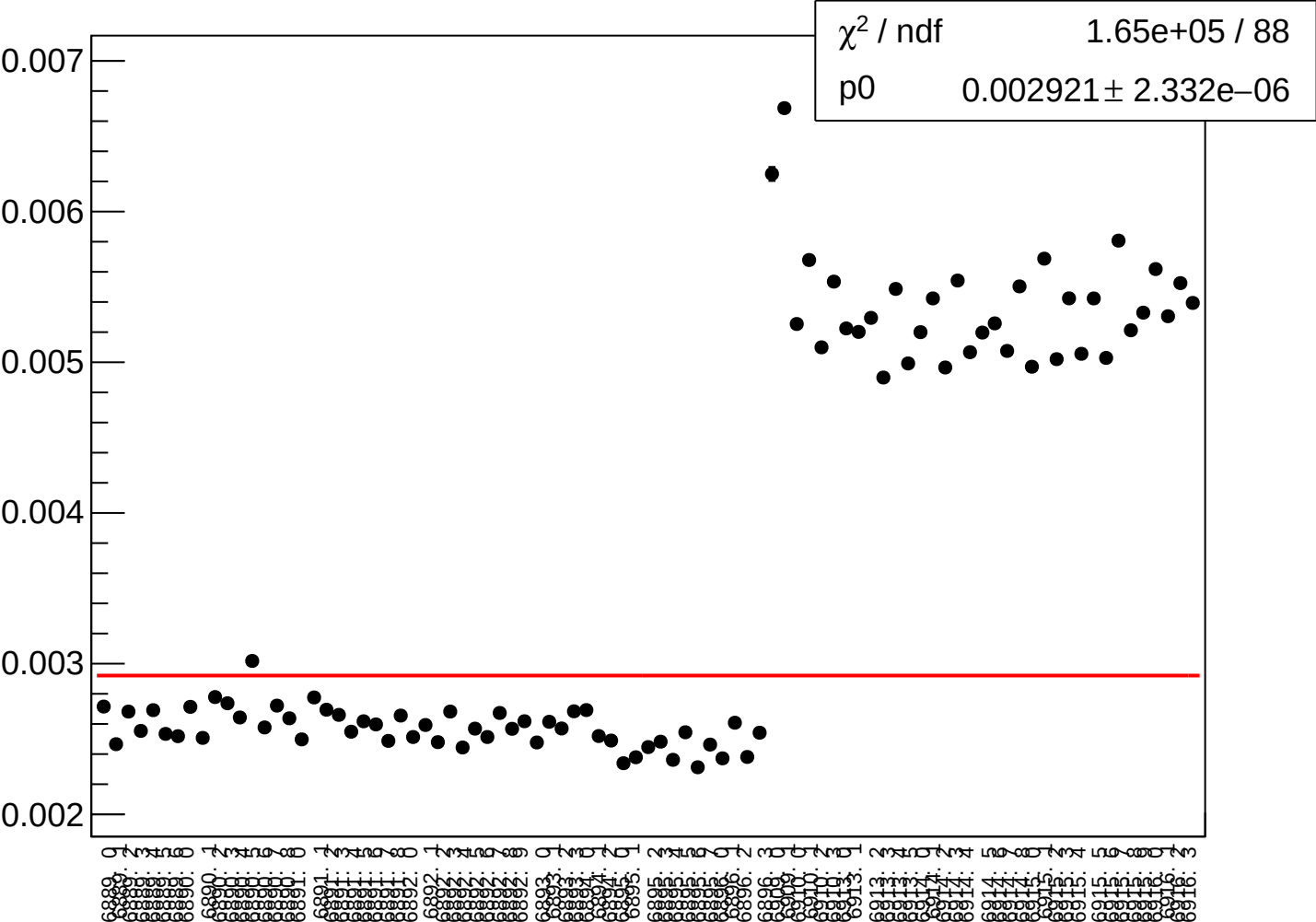
asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs run



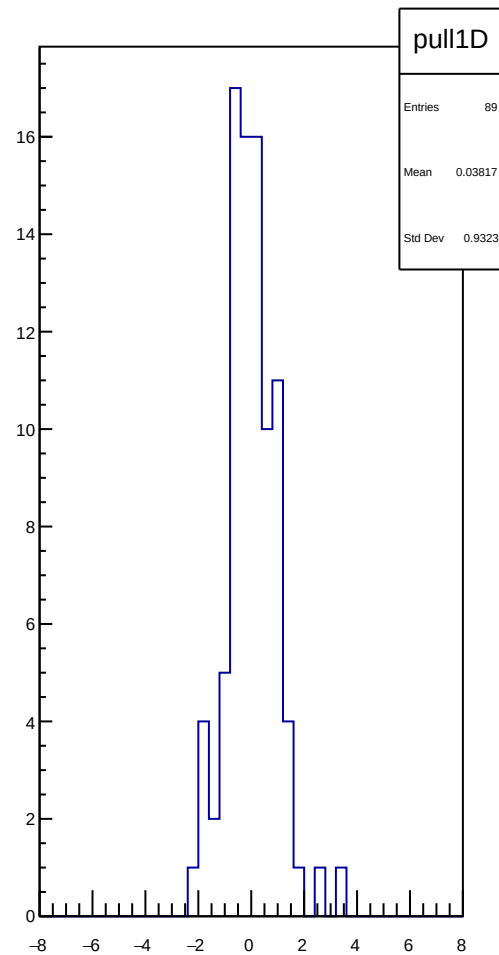
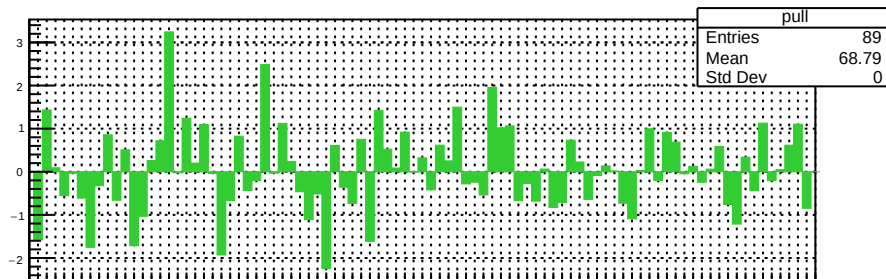
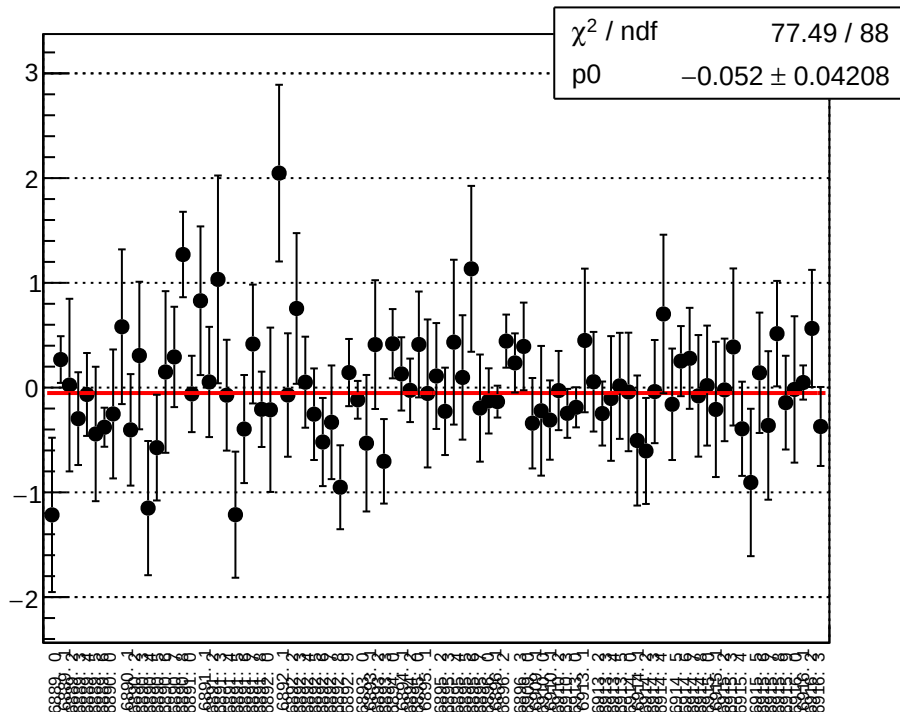
asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_mean vs run



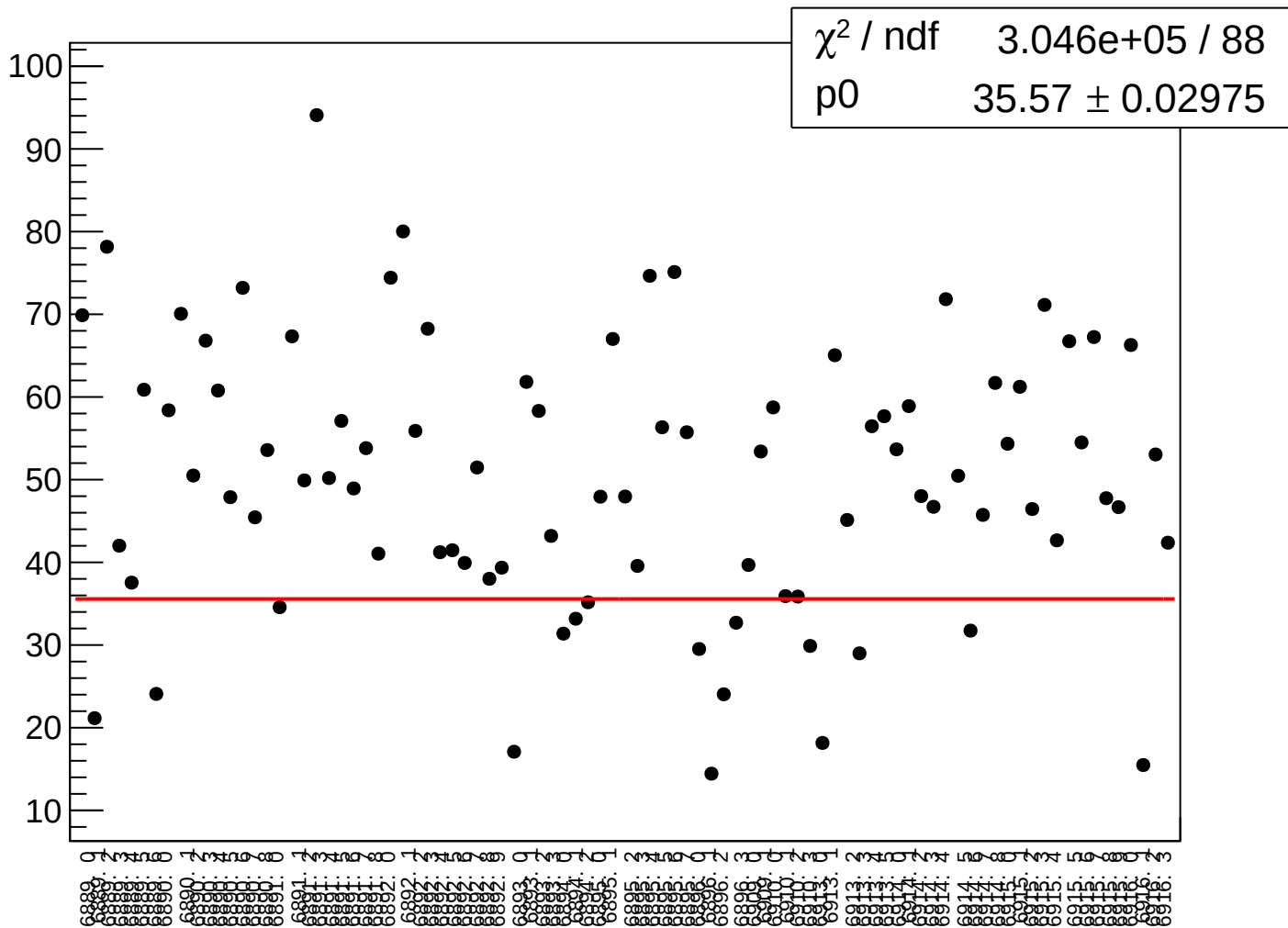
asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_rms vs run



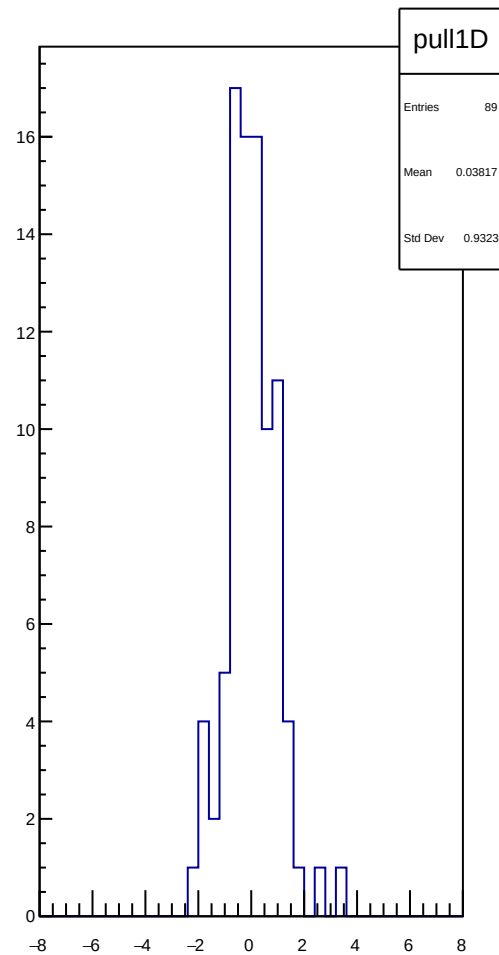
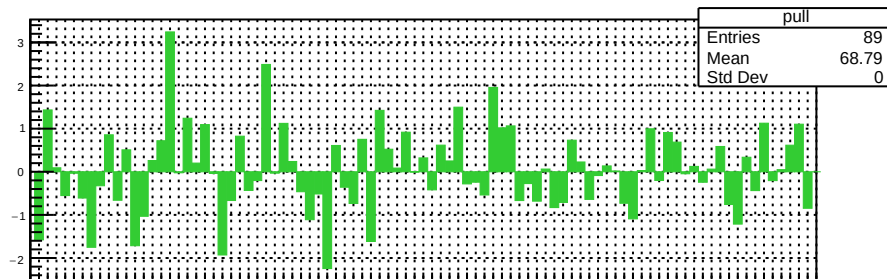
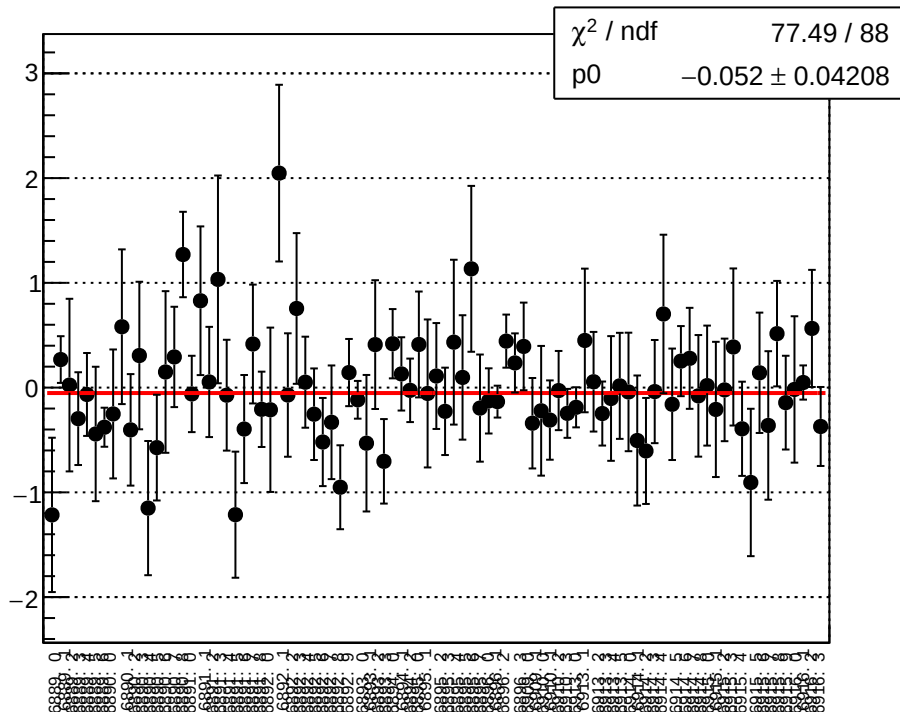
asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs run



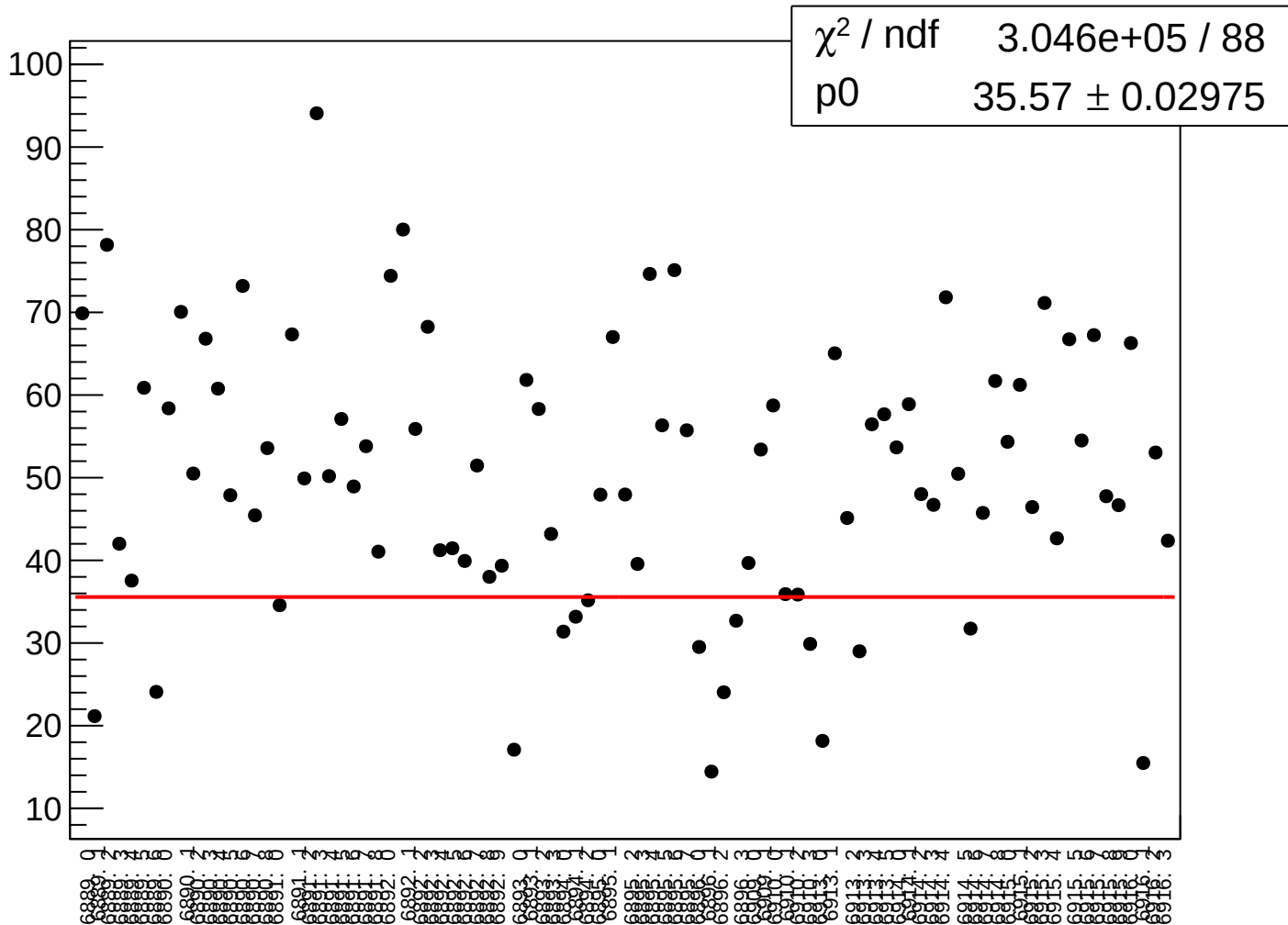
asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs run



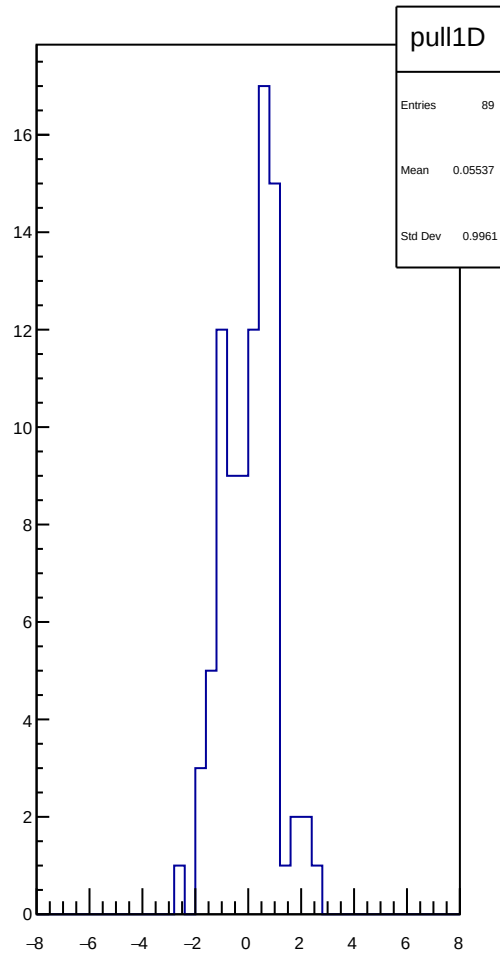
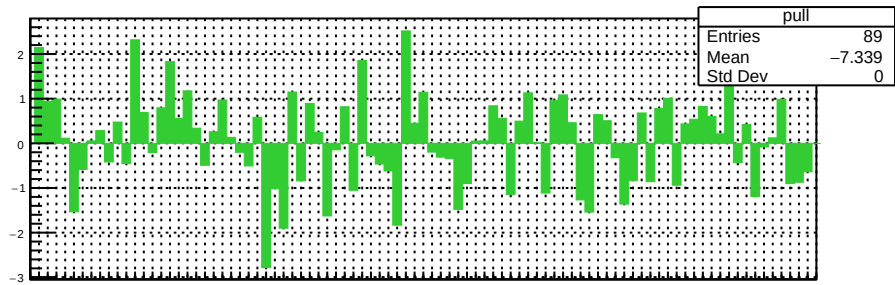
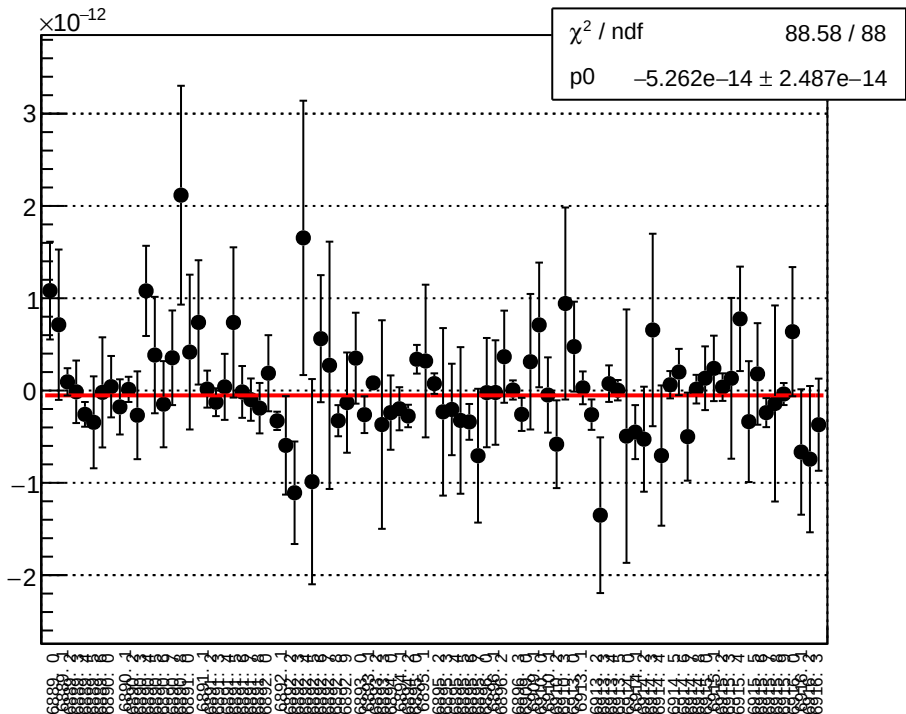
asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs run



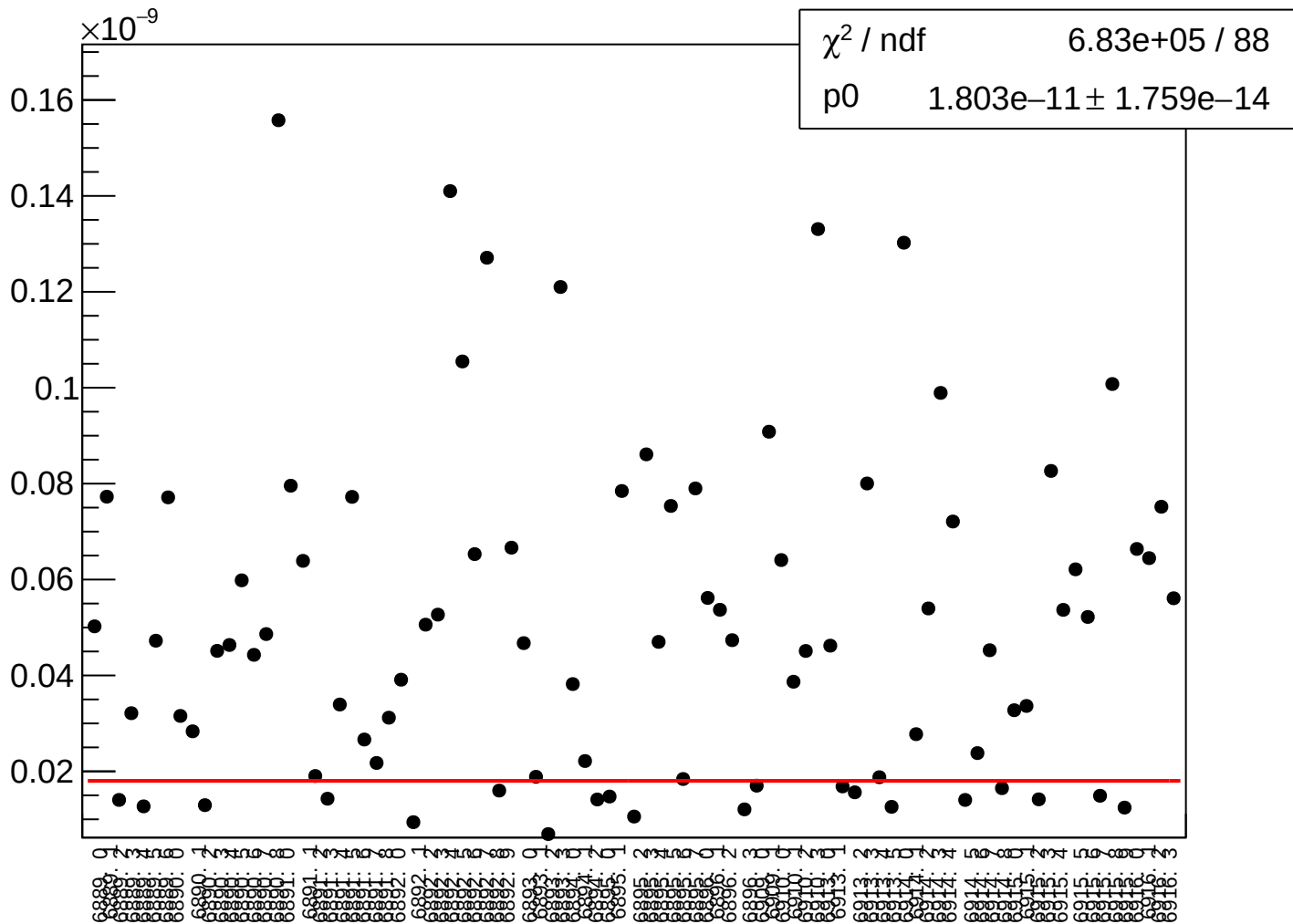
asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



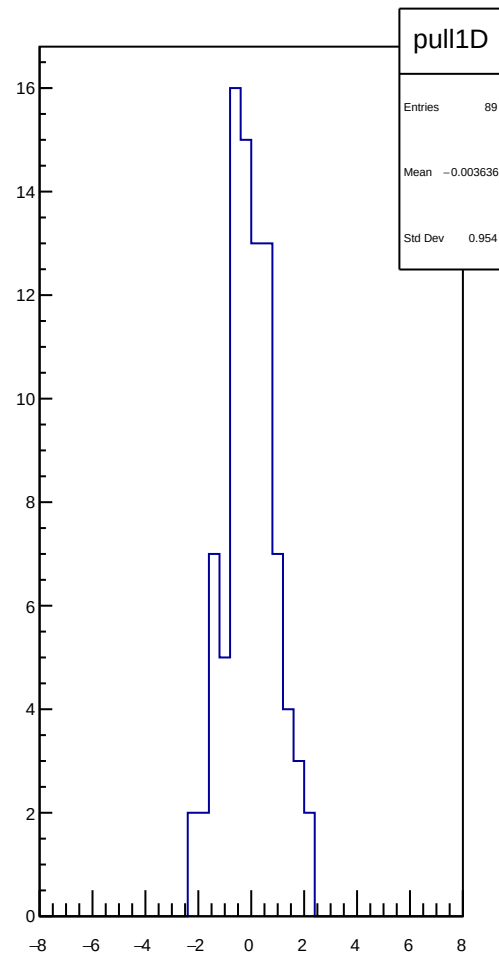
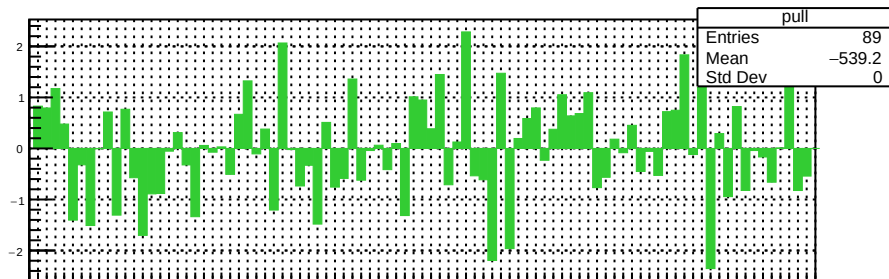
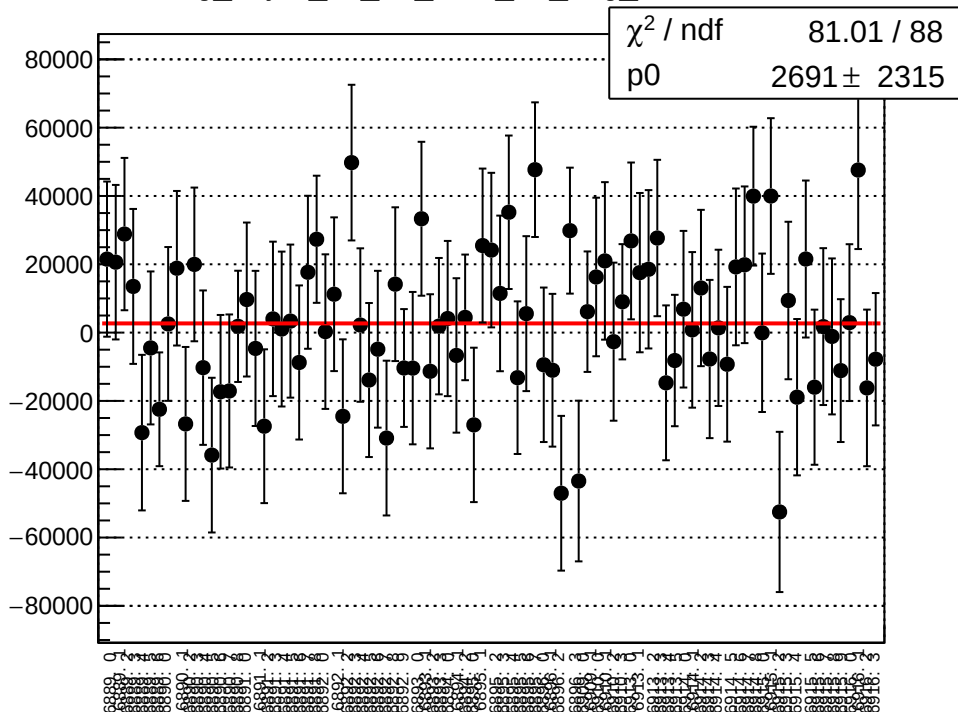
asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_mean vs run



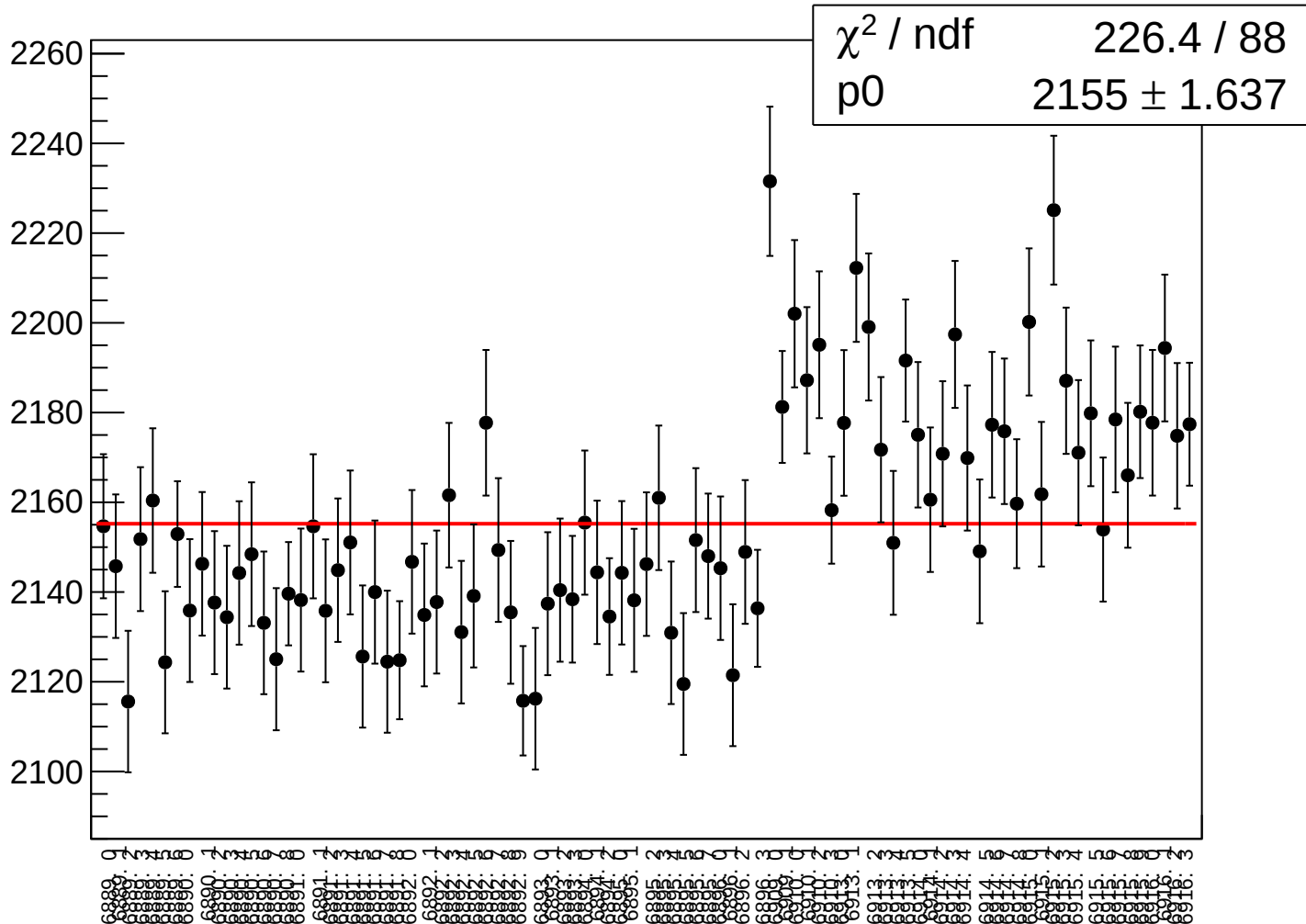
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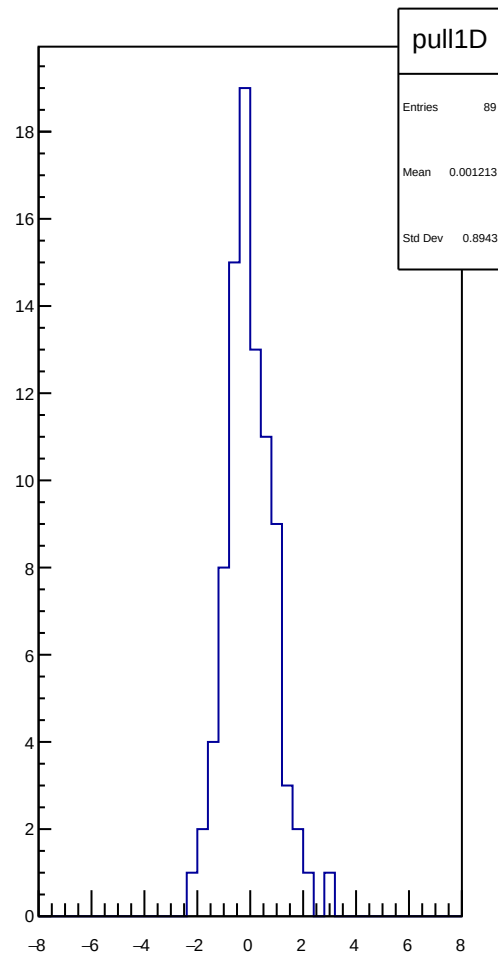
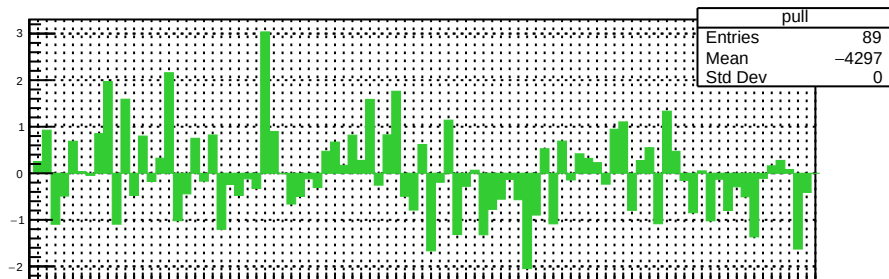
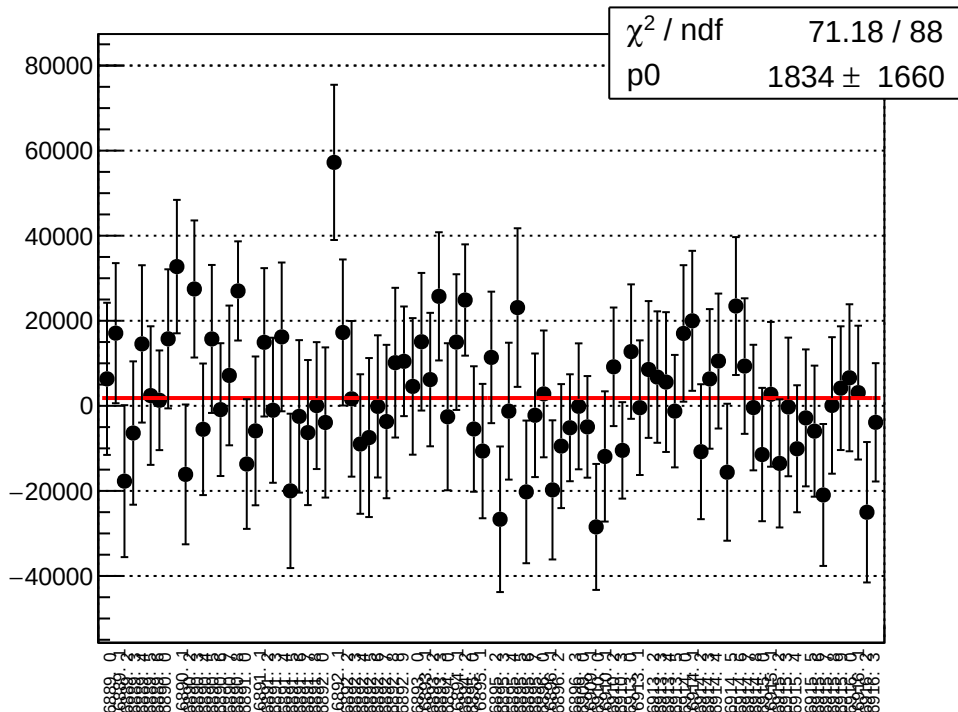
reg_asym_us_dd_at2lr_dd_avg_mean vs run



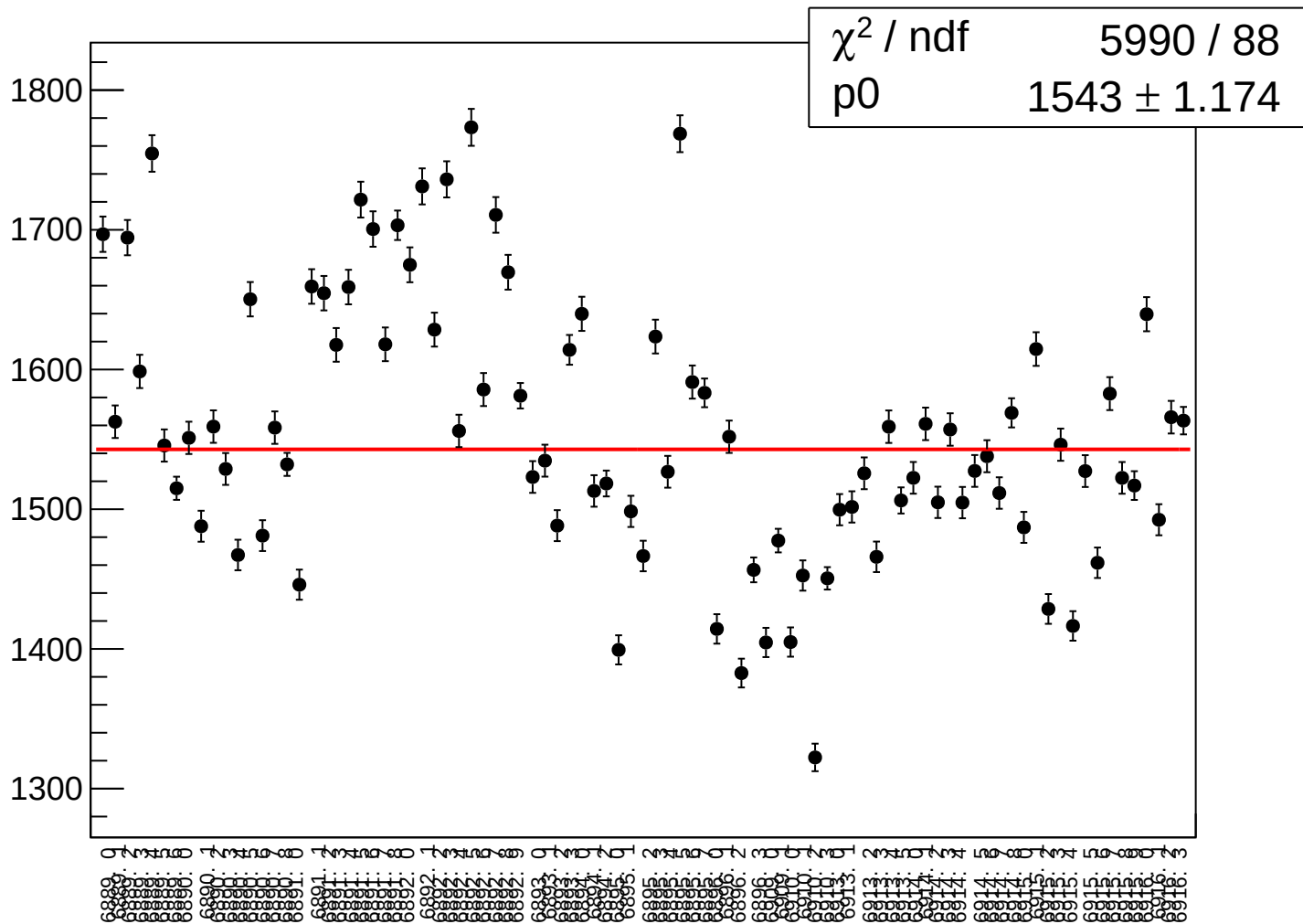
reg_asym_us_dd_at2lr_dd_avg_rms vs run



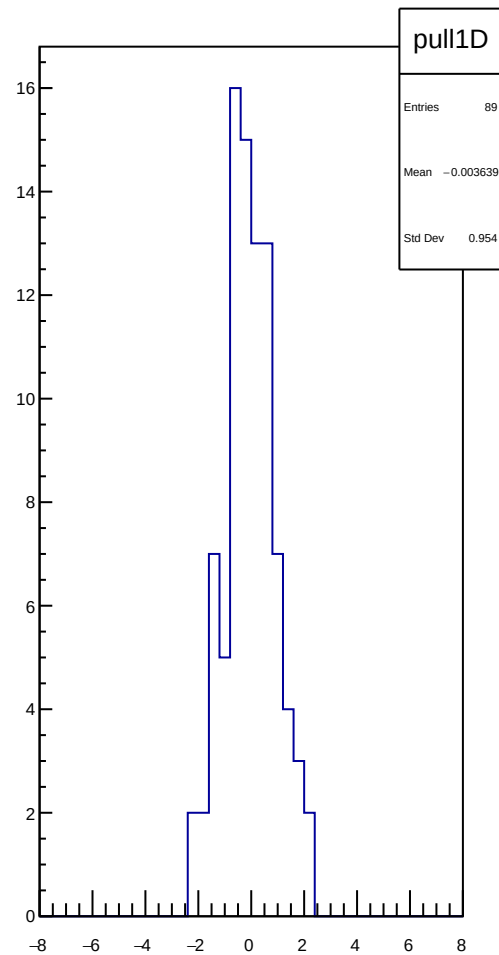
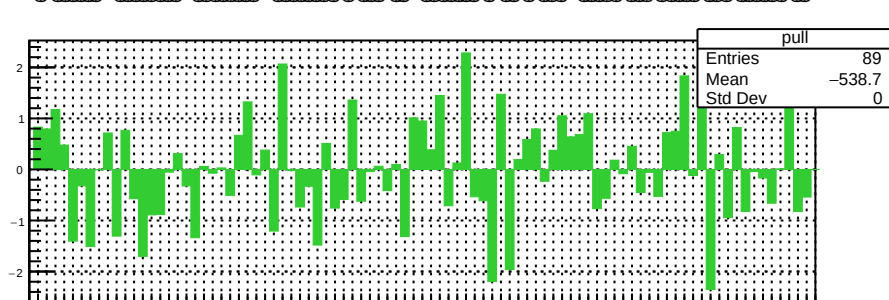
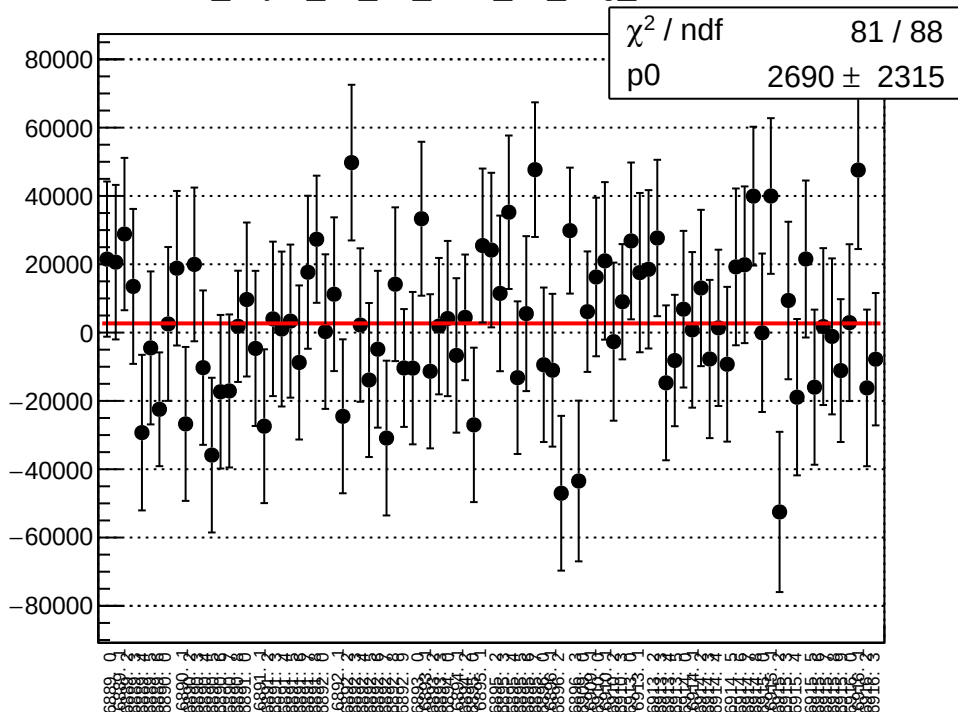
asym_us_dd_at2lr_dd_avg_reg_correction_mean vs run



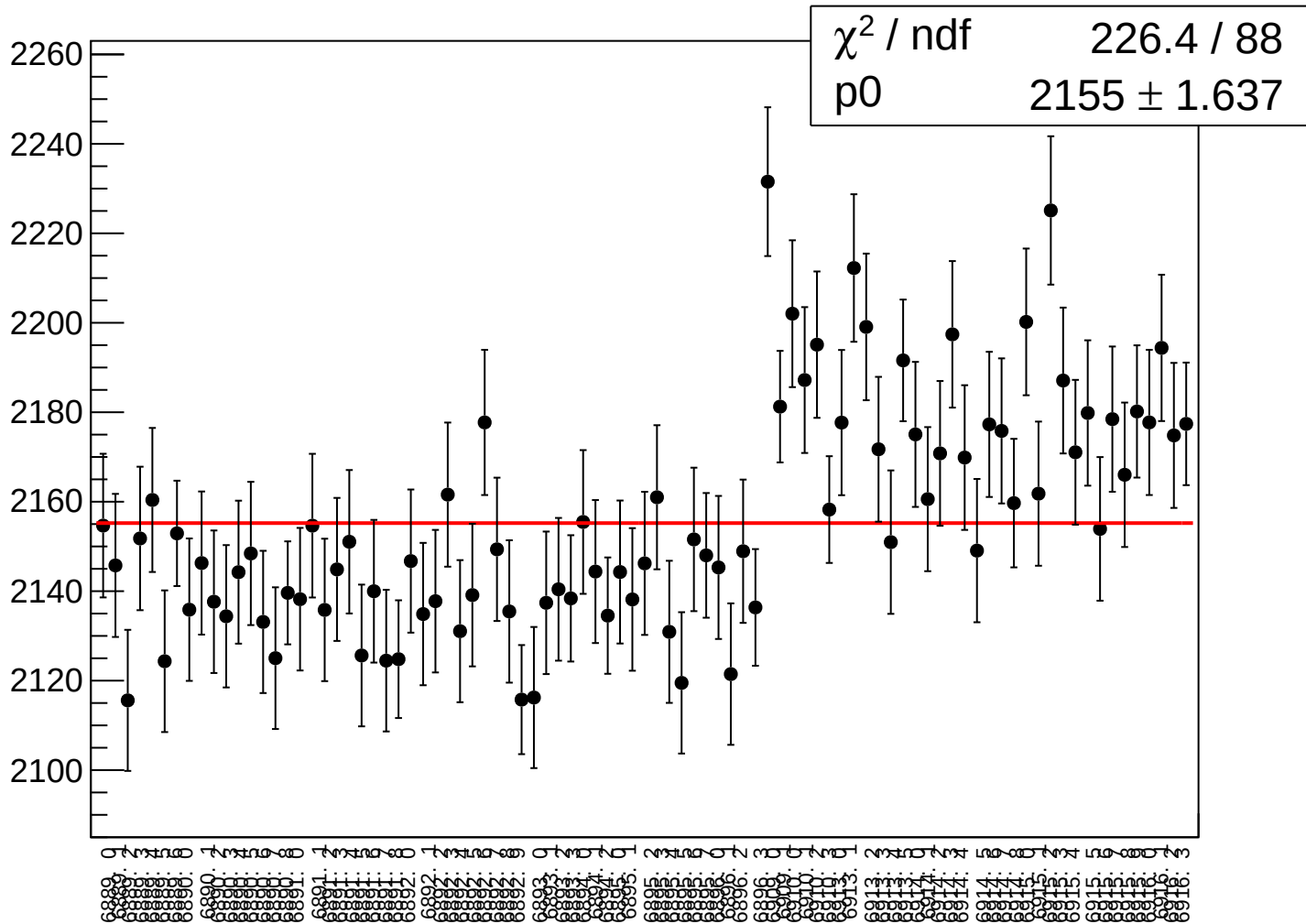
asym_us_dd_at2lr_dd_avg_reg_correction_rms vs run



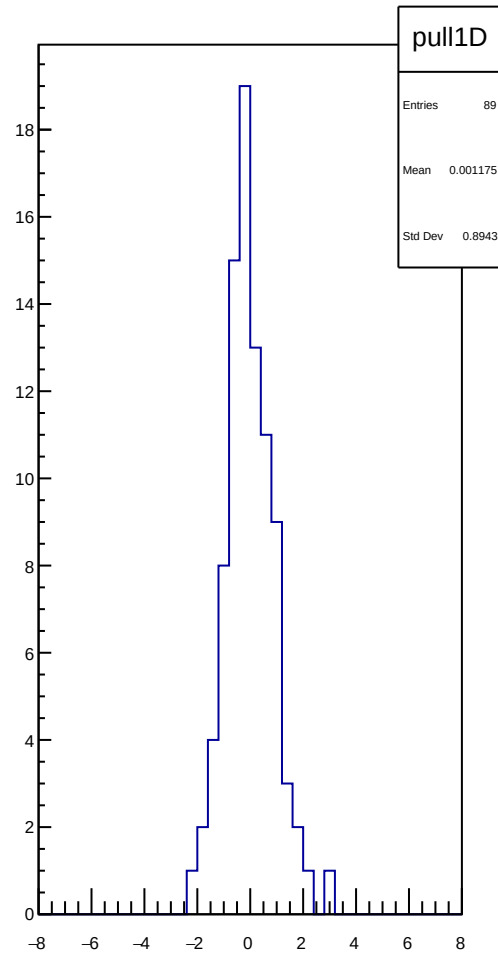
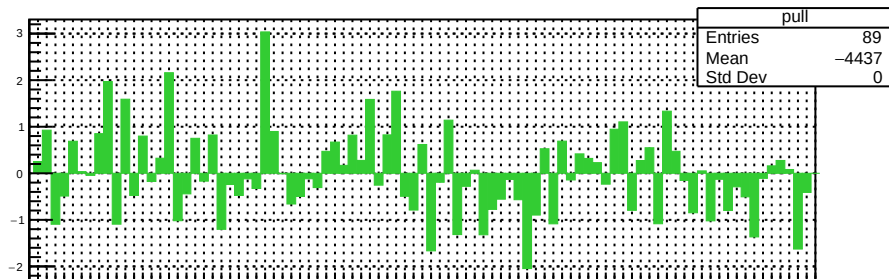
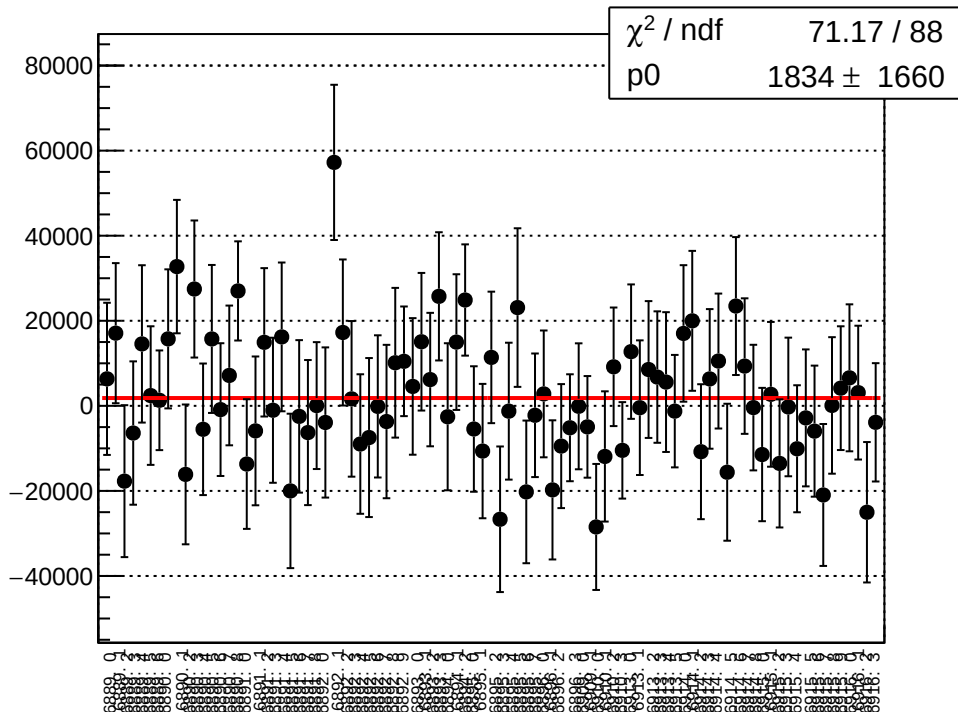
cor_asym_us_dd_at2lr_dd_avg_mean vs run



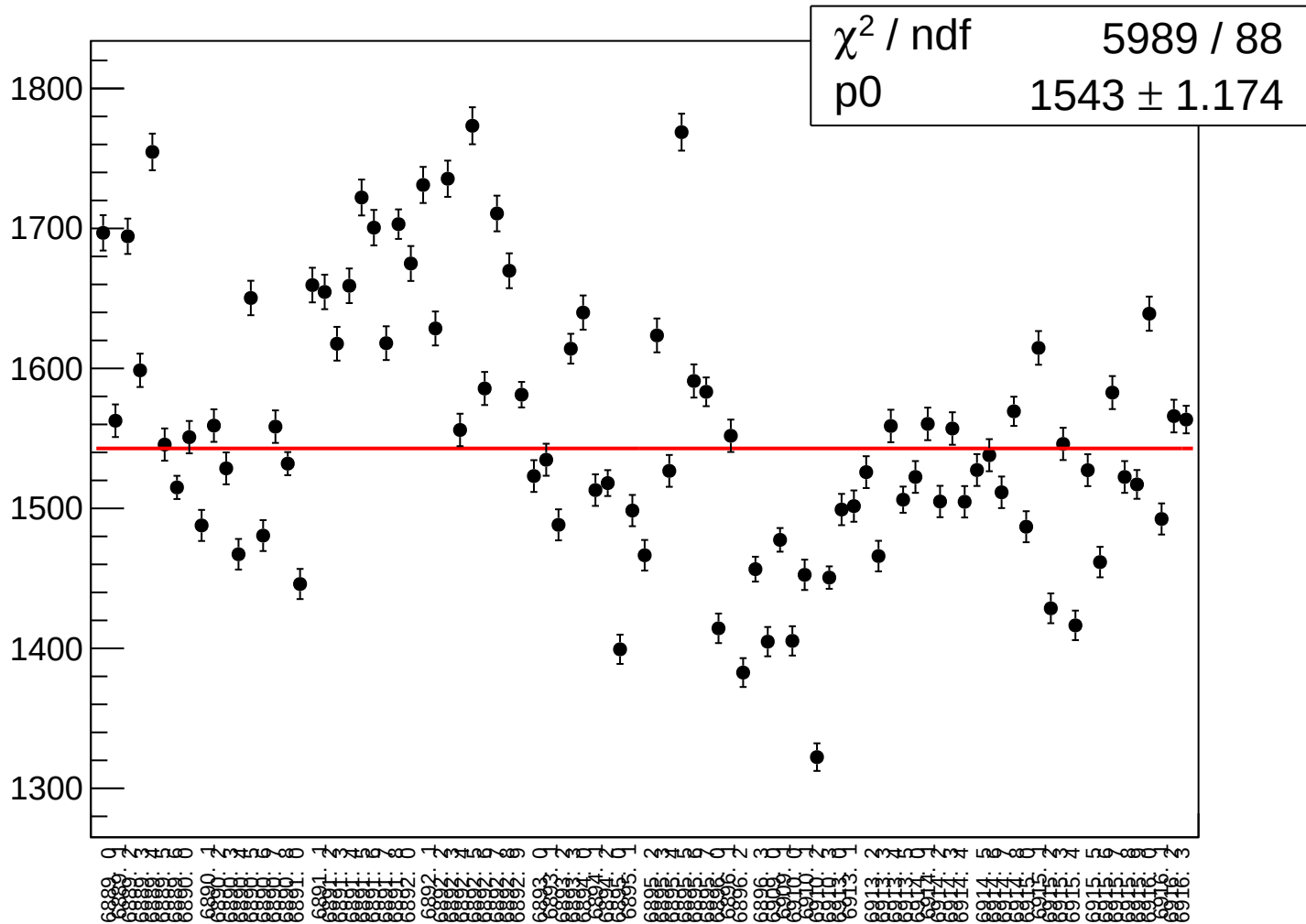
cor_asym_us_dd_at2lr_dd_avg_rms vs run



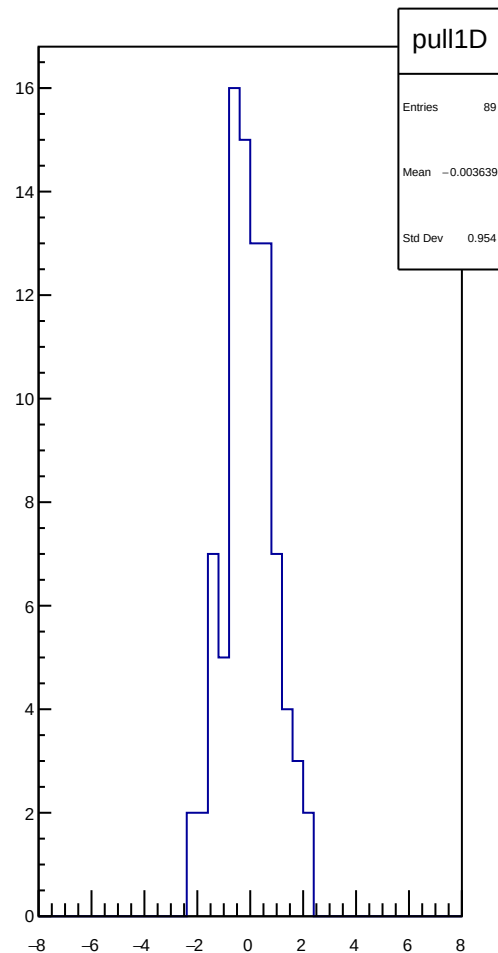
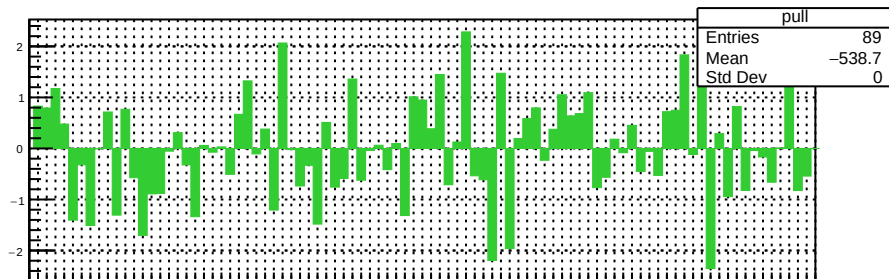
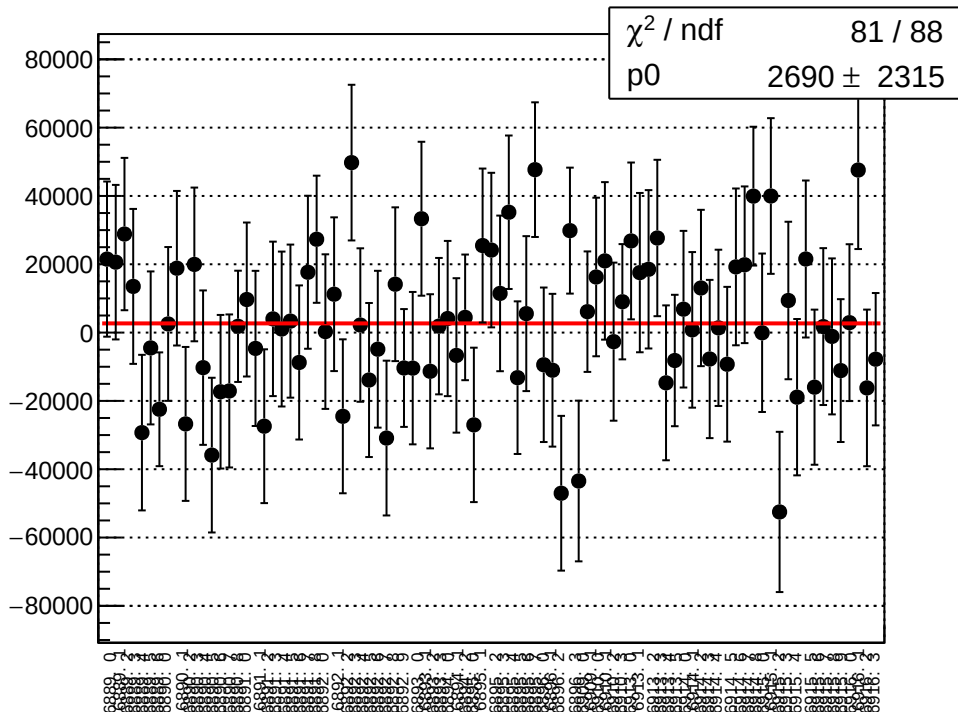
asym_us_dd_at2lr_dd_avg_cor_correction_mean vs run



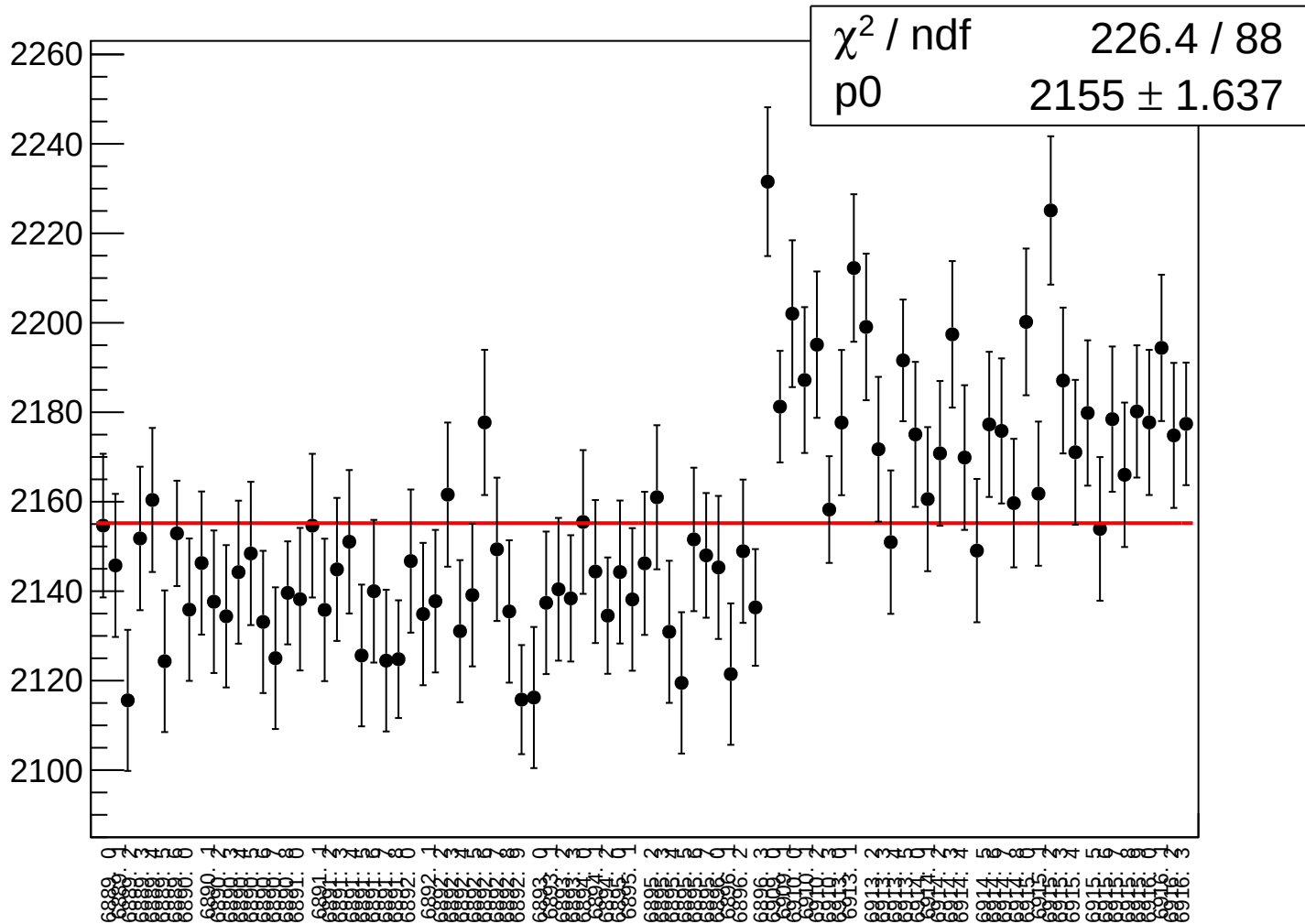
asym_us_dd_at2lr_dd_avg_cor_correction_rms vs run



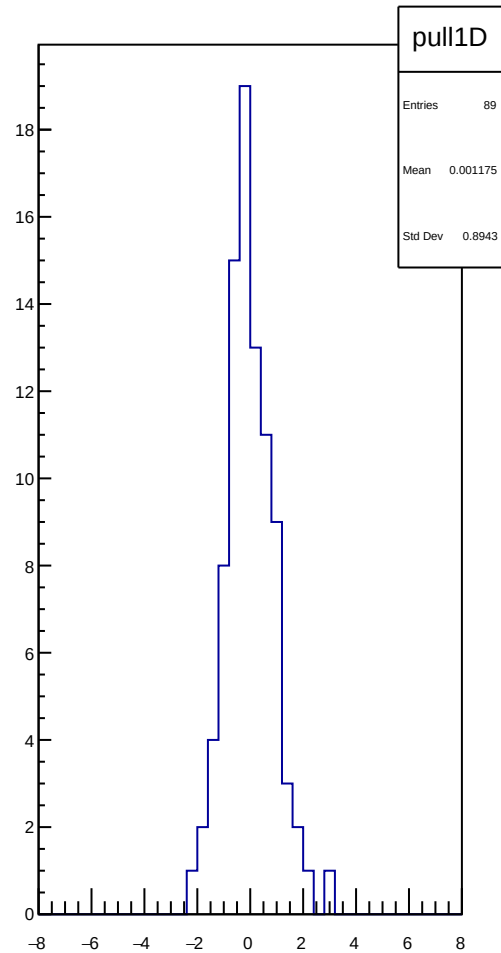
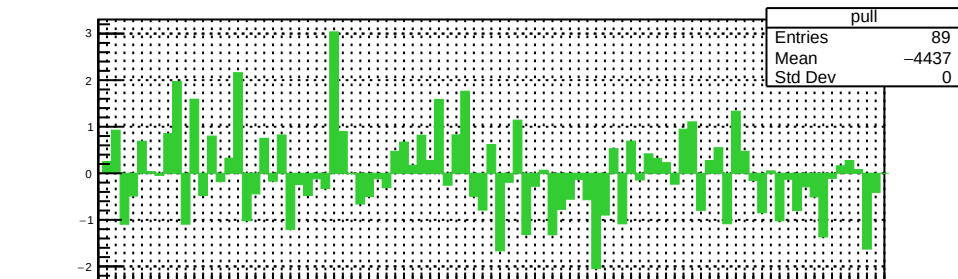
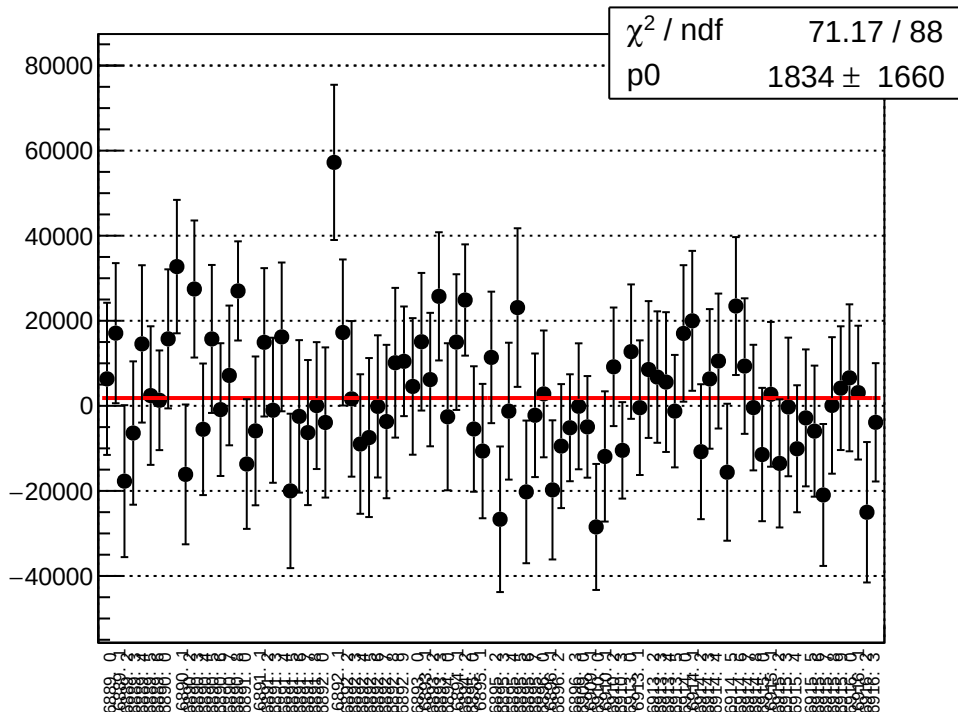
eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs run



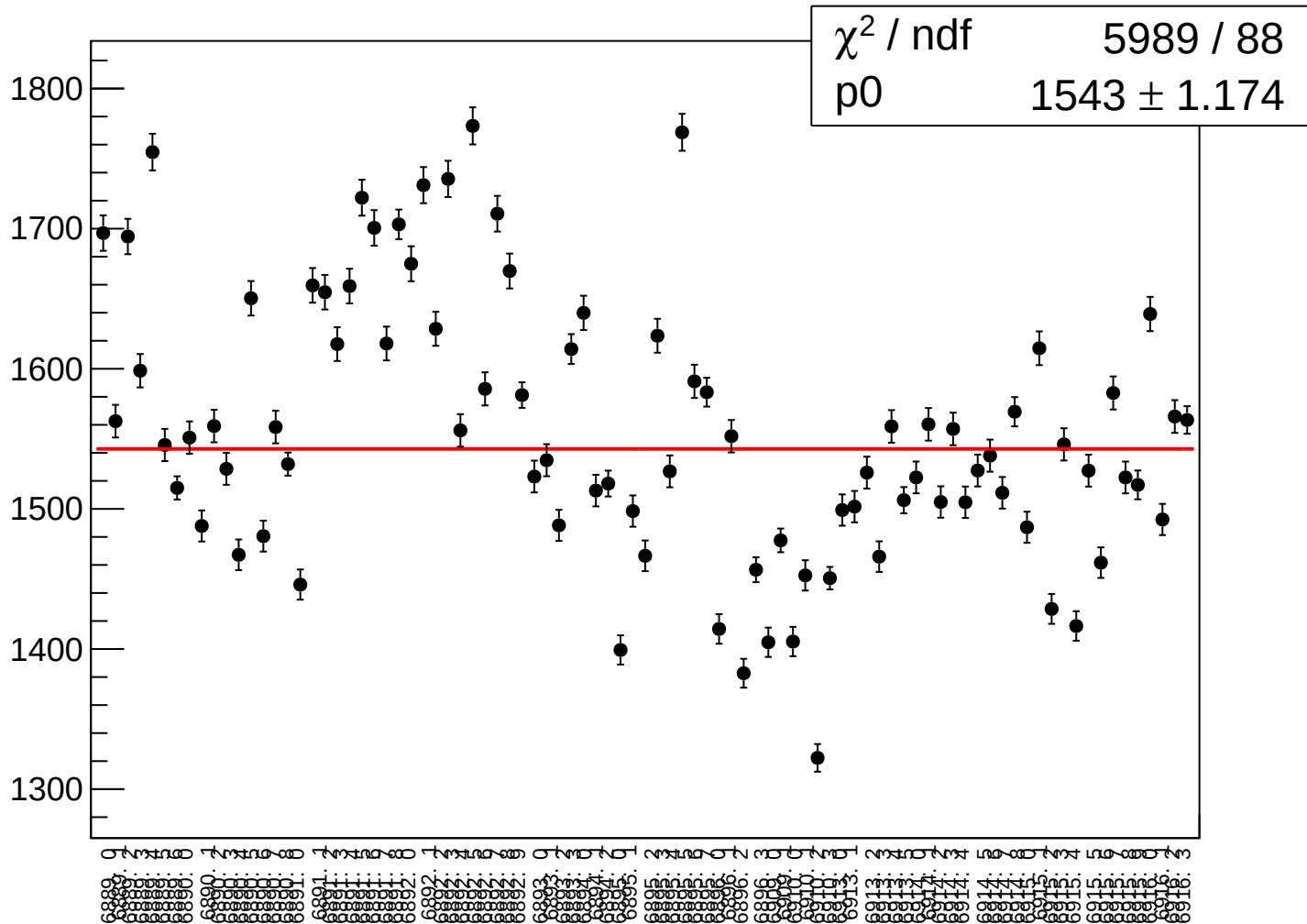
eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs run



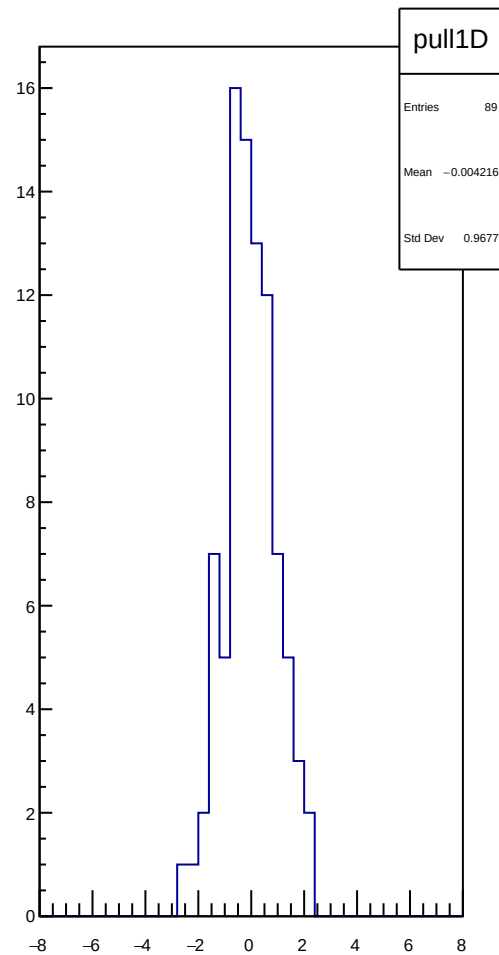
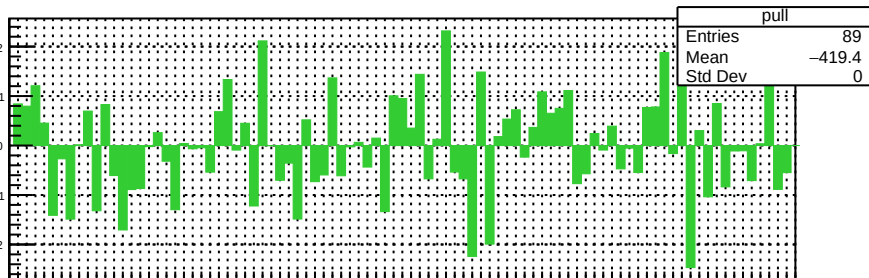
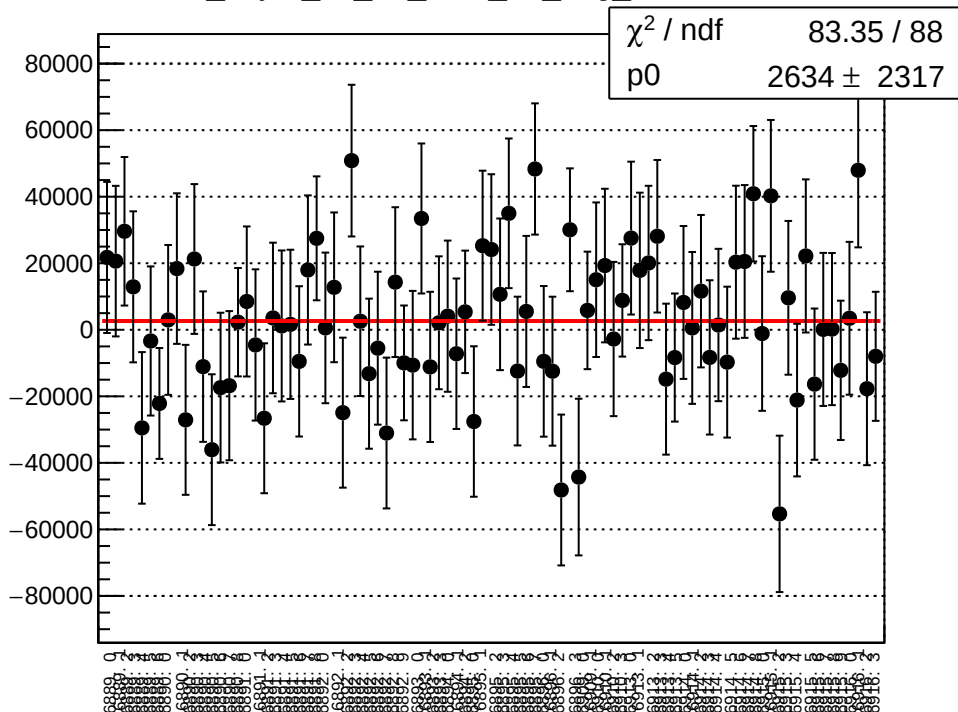
asym us dd at2lr dd avg eigen cor correction mean vs run



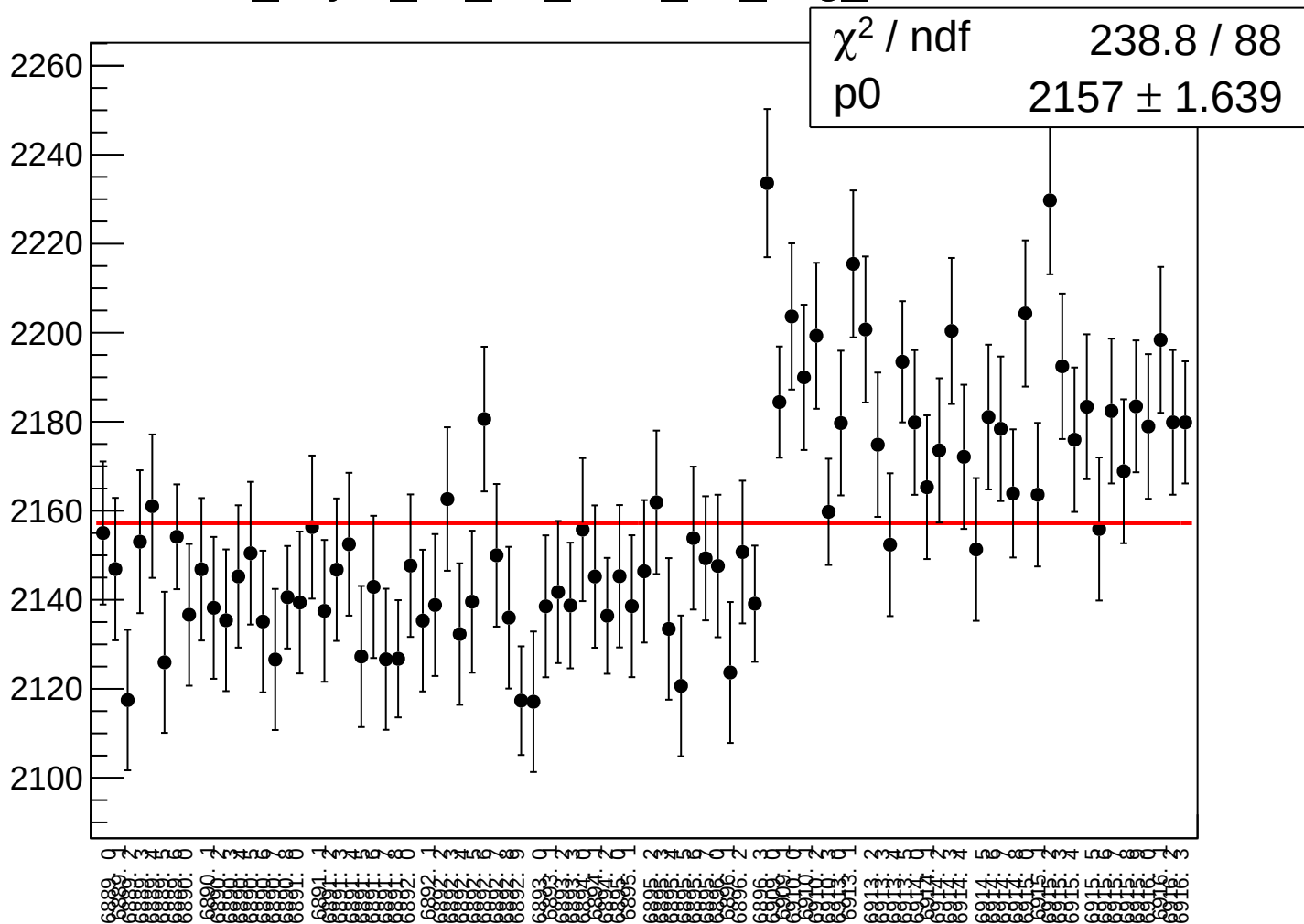
asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs run



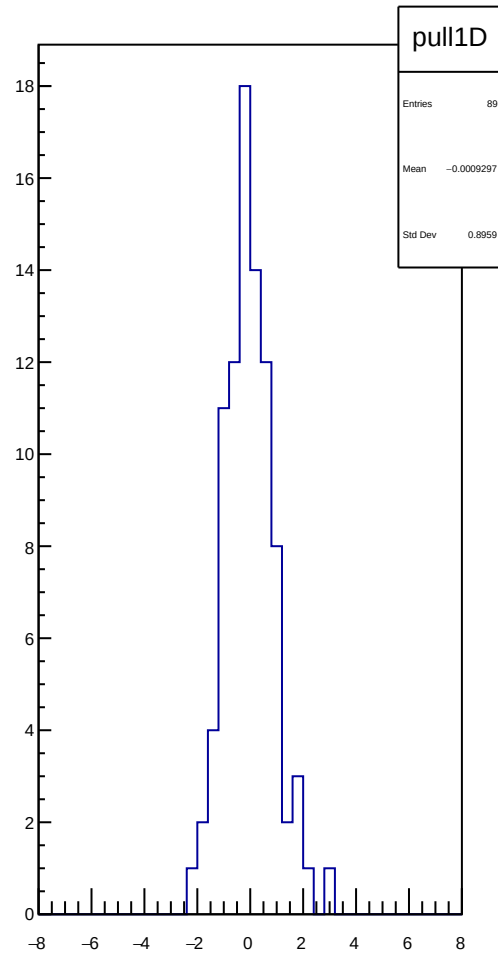
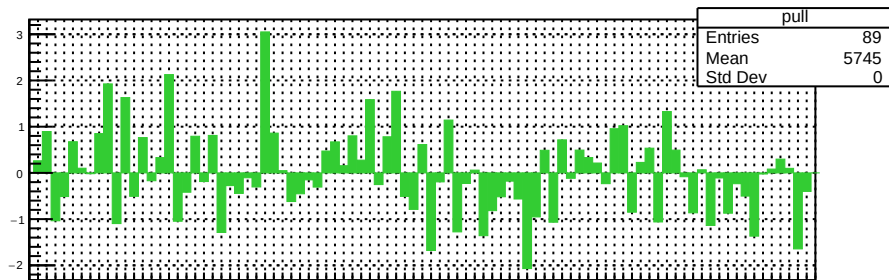
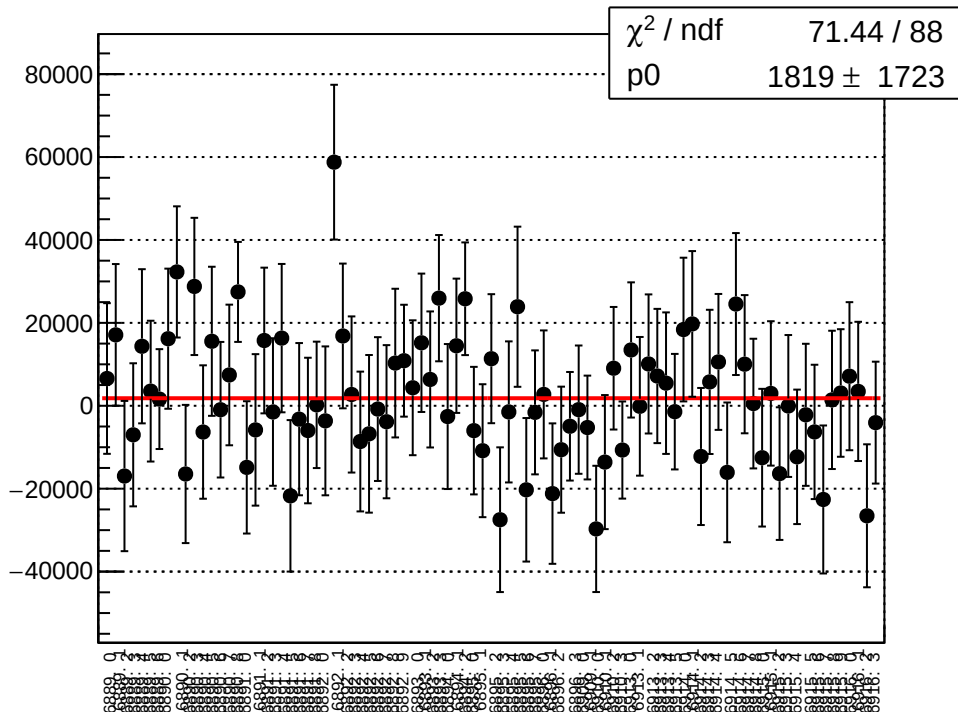
dit_asym_us_dd_at2lr_dd_avg_mean vs run



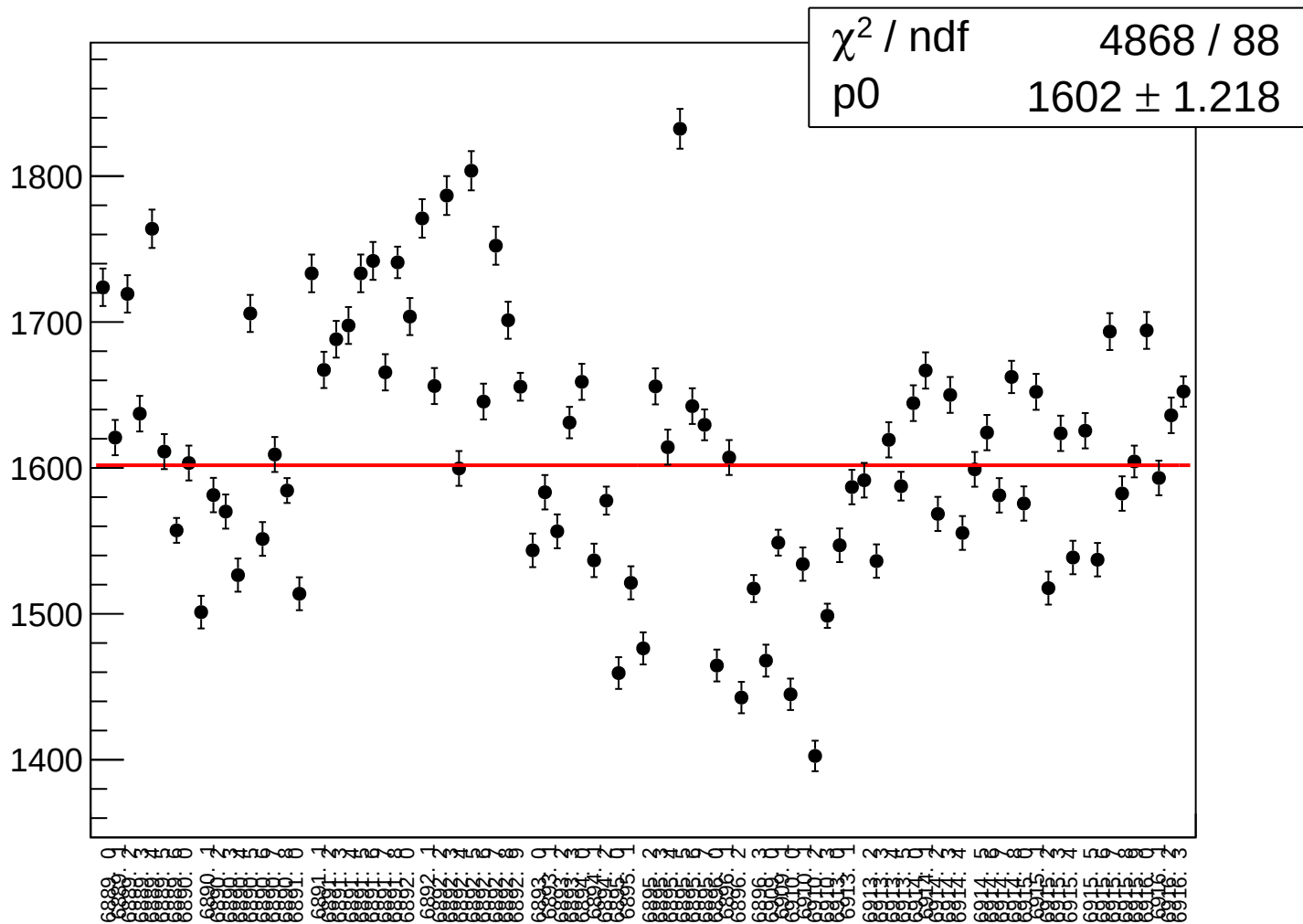
dit_asym_us_dd_at2lr_dd_avg_rms vs run



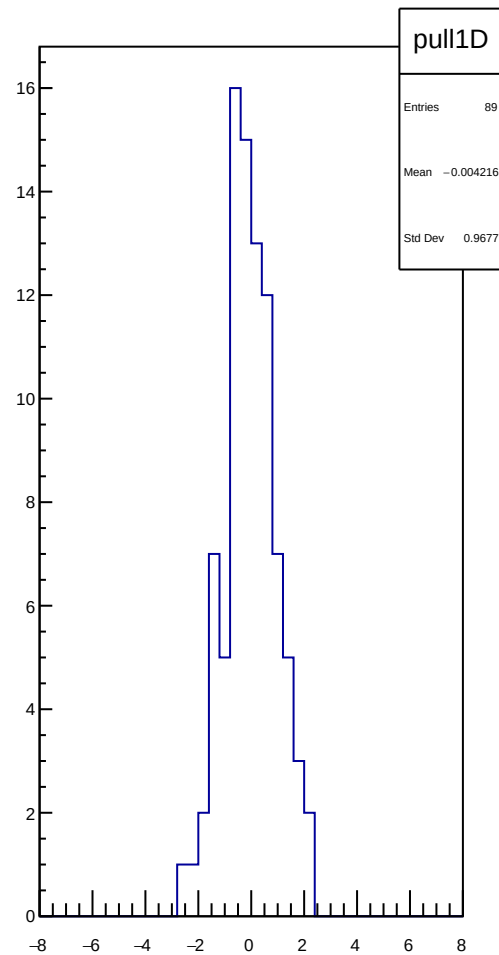
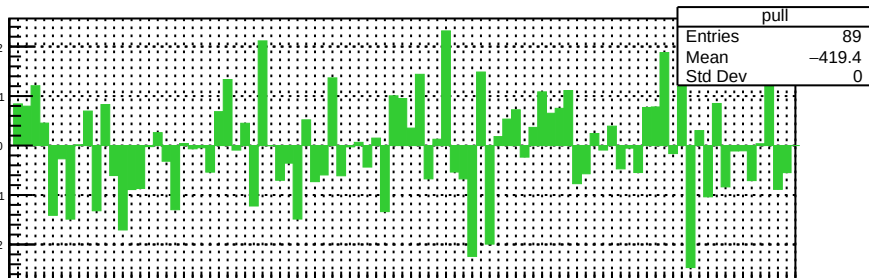
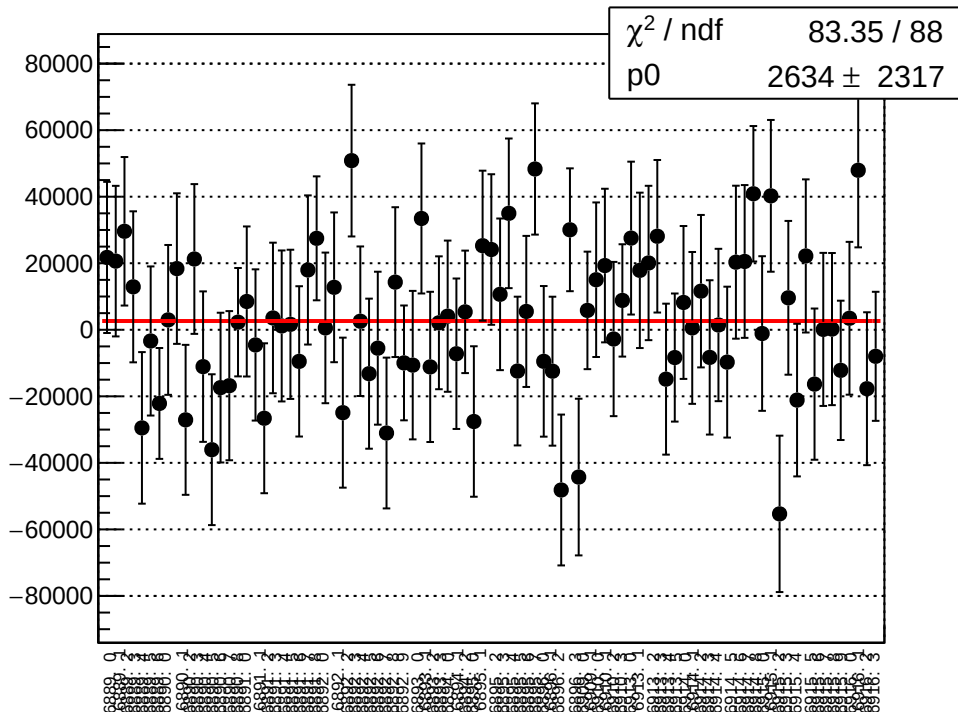
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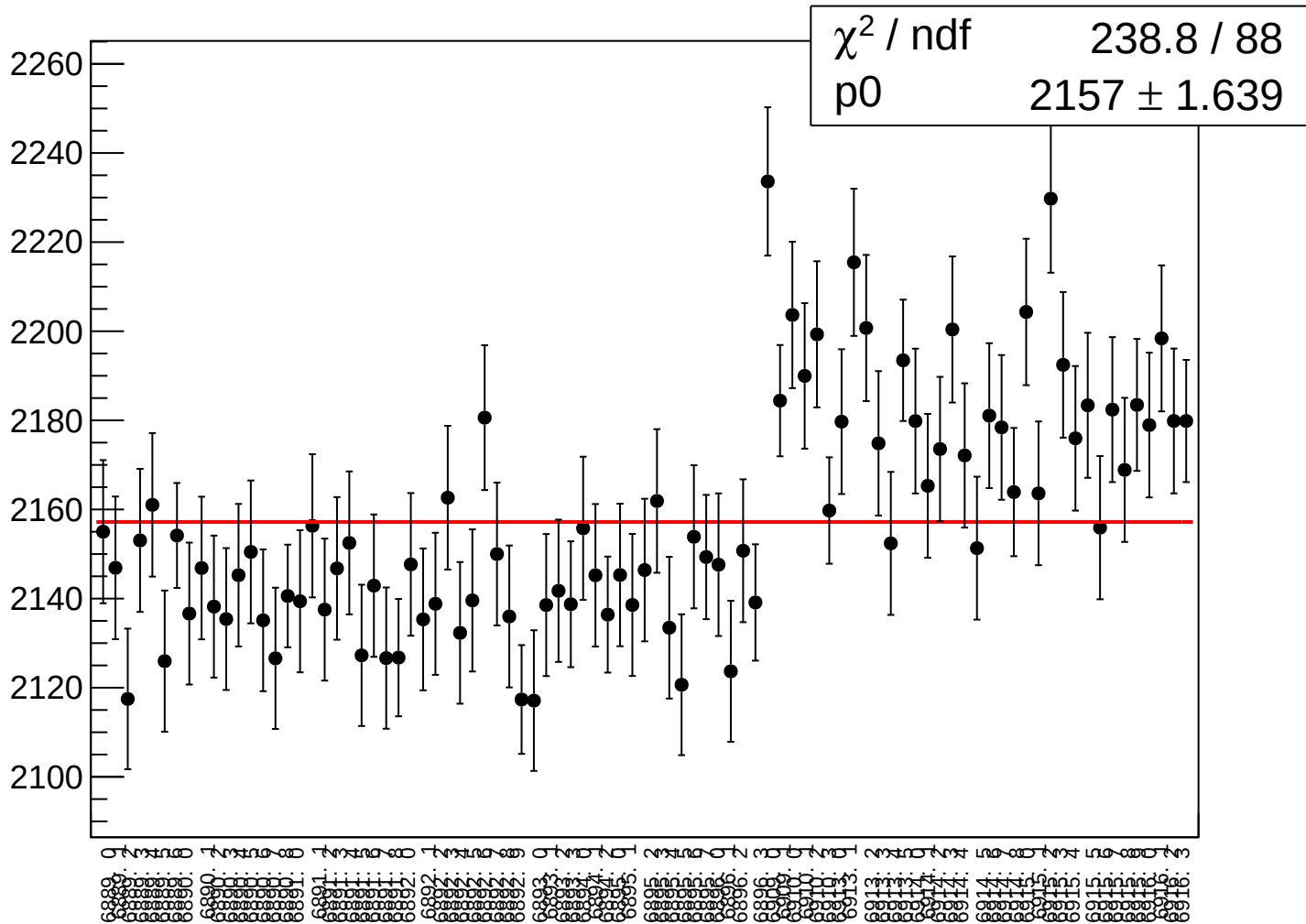
asym_us_dd_at2lr_dd_avg_dit_correction_rms vs run



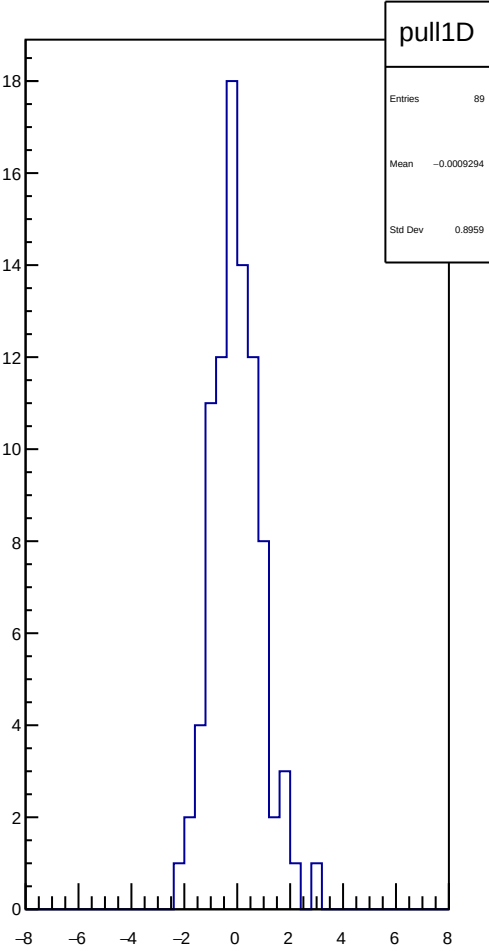
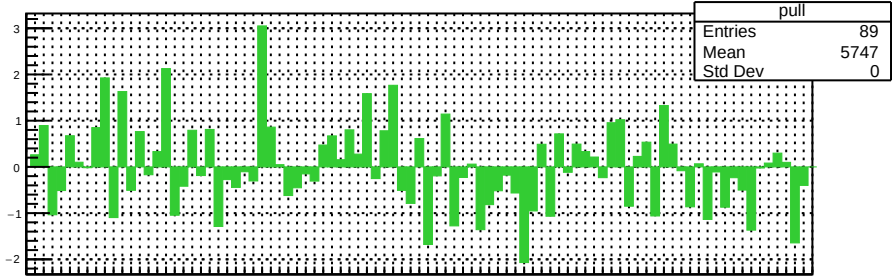
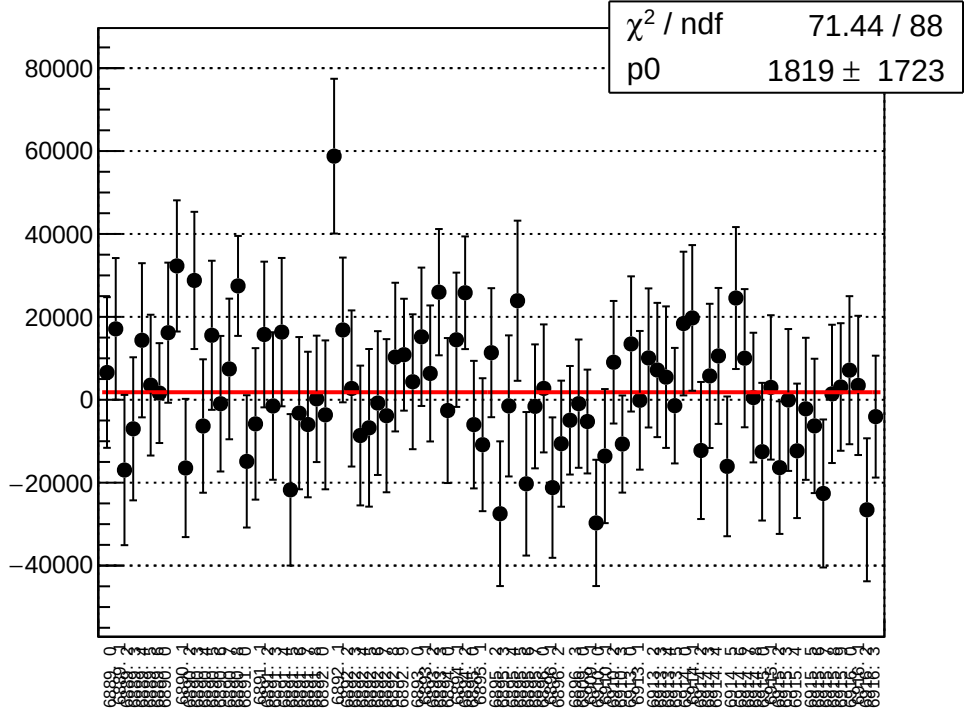
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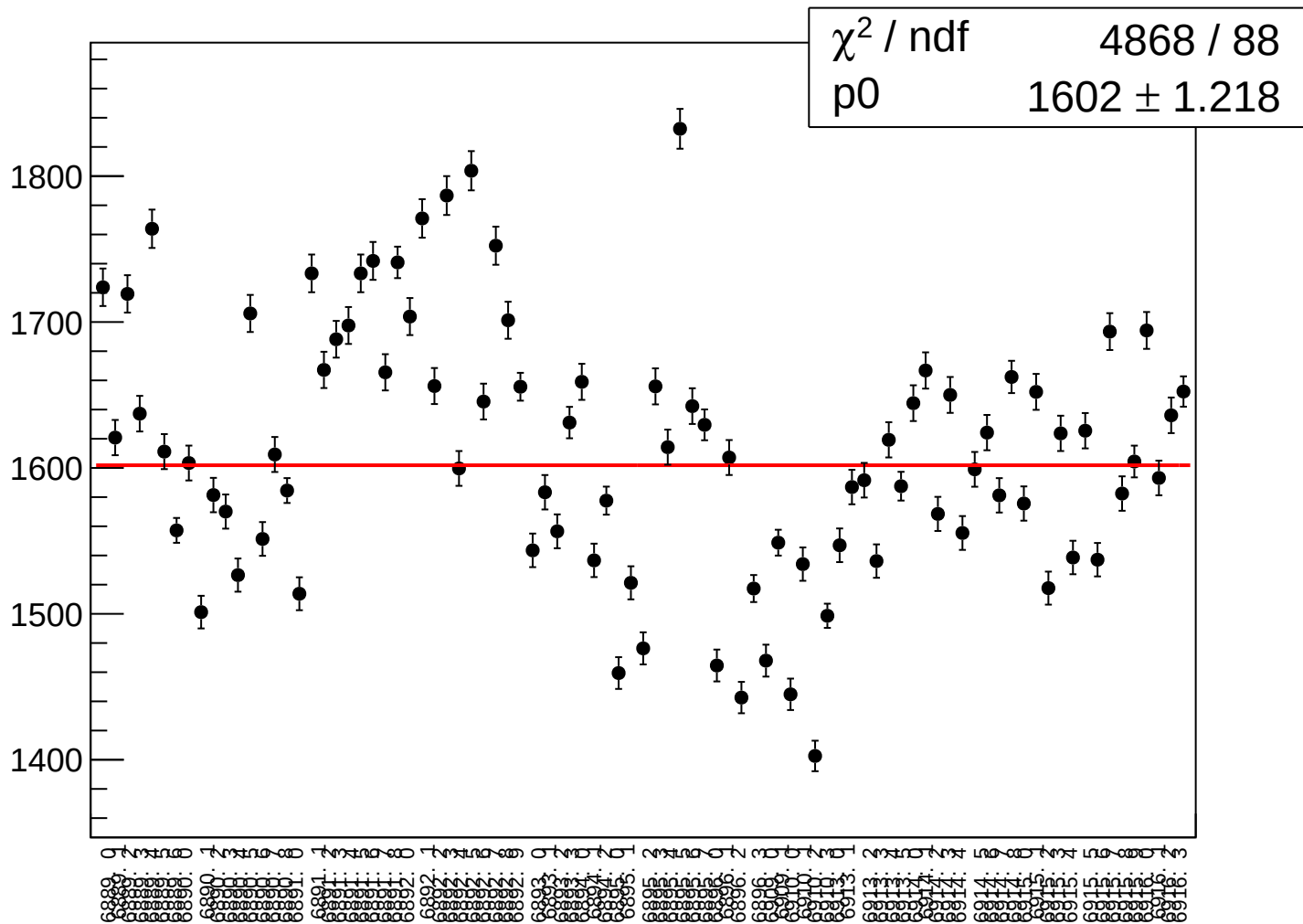
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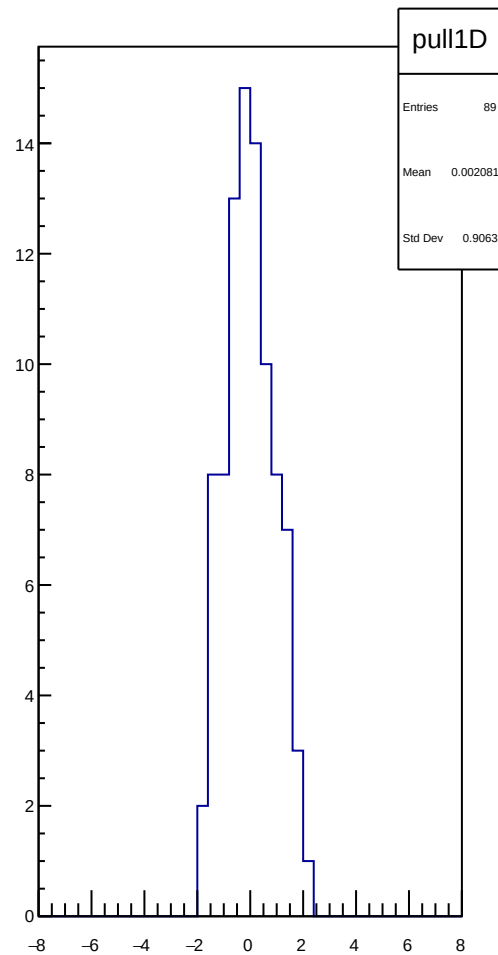
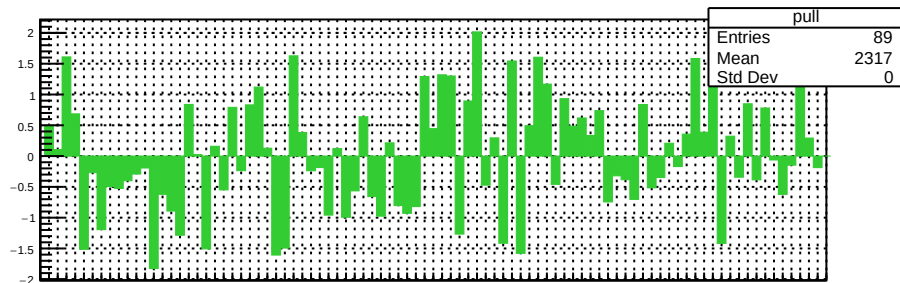
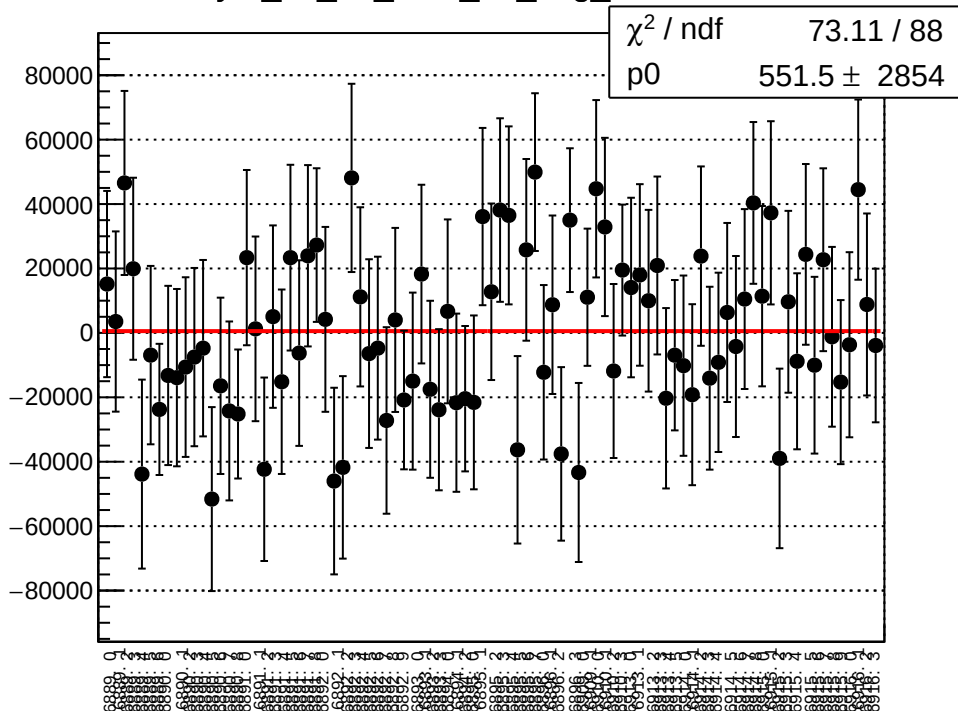
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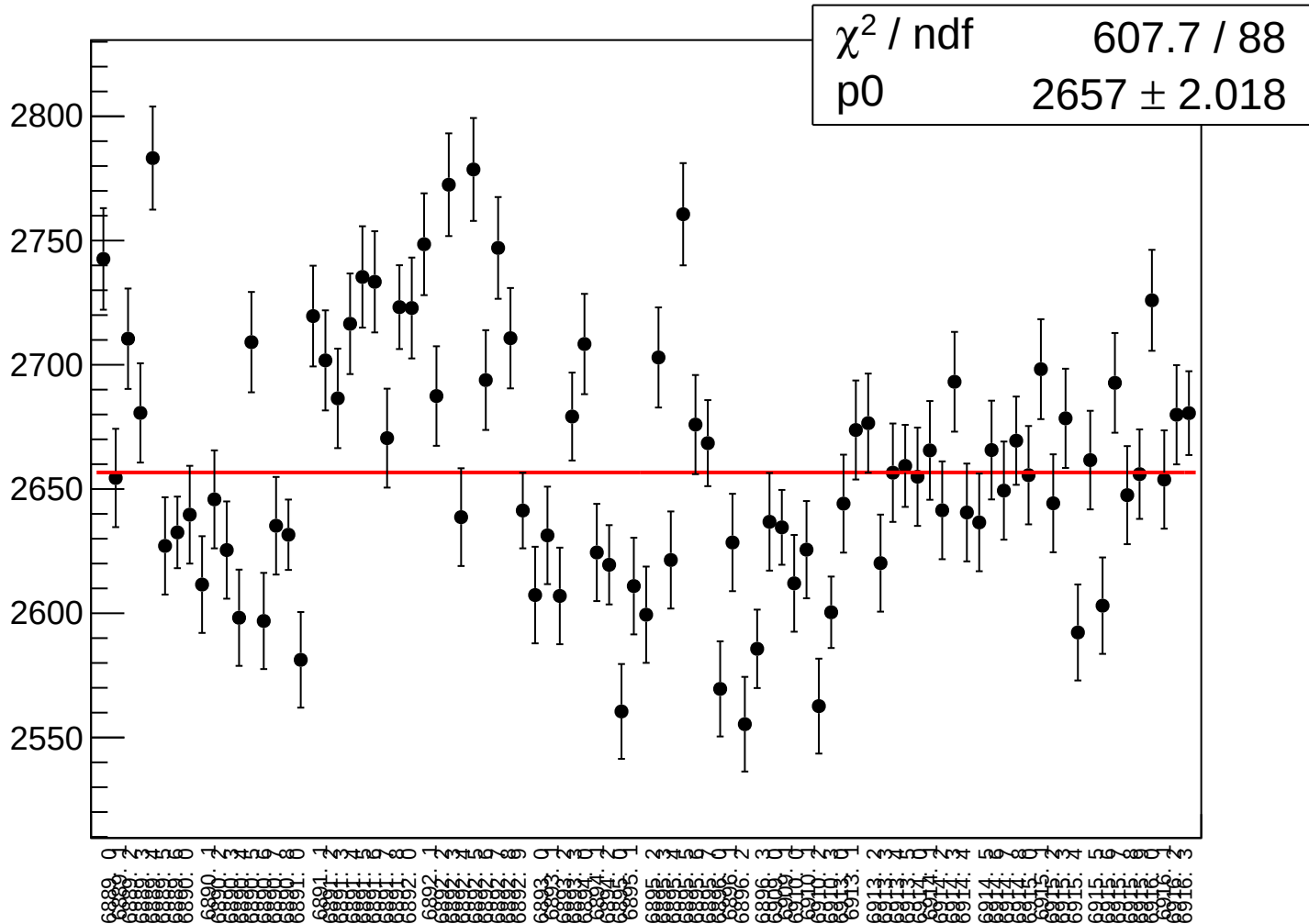
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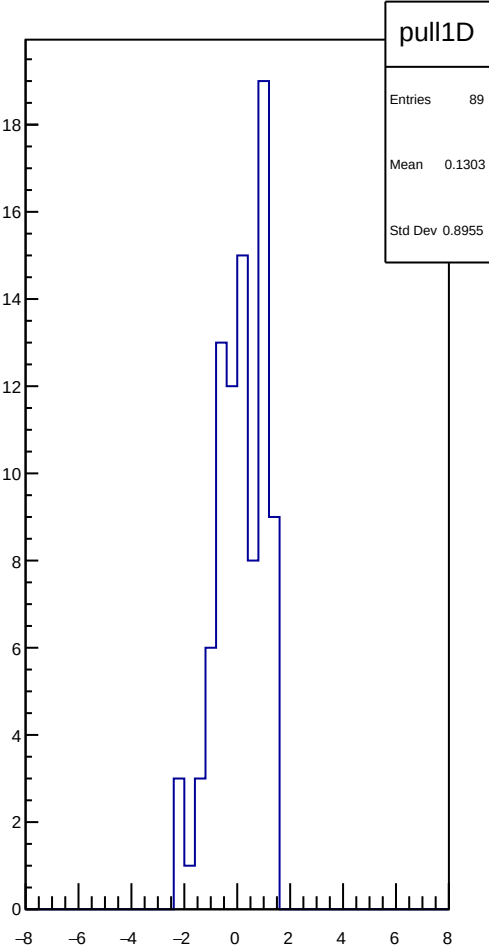
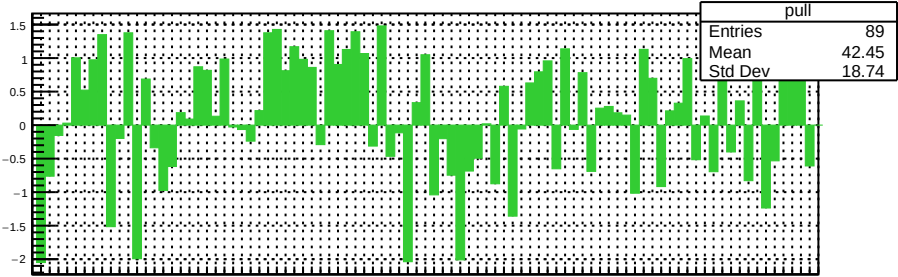
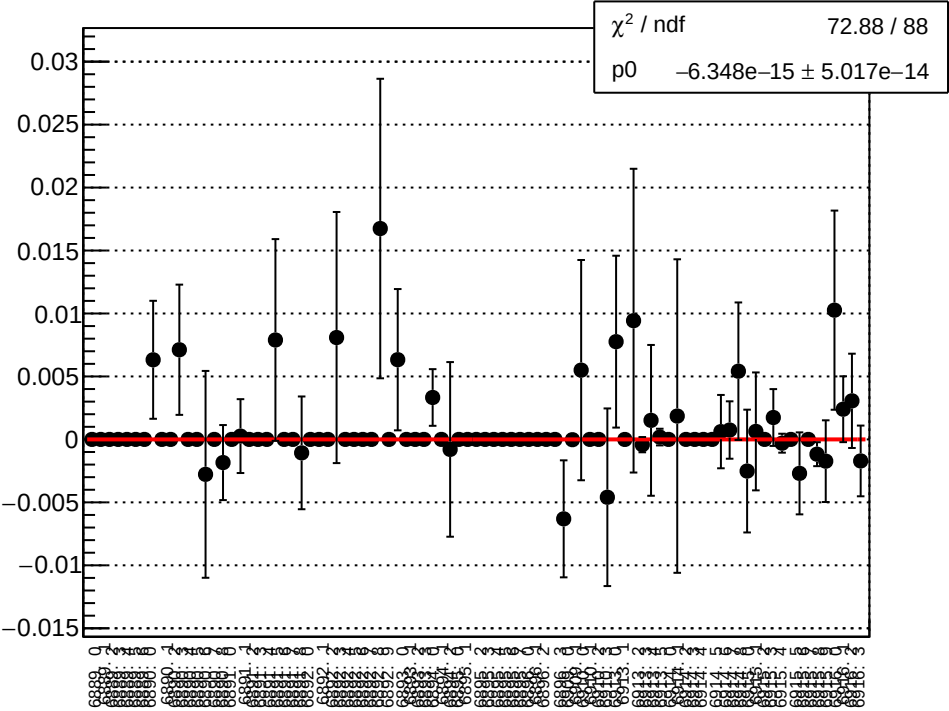
asym_us_dd_at2lr_dd_avg_mean vs run



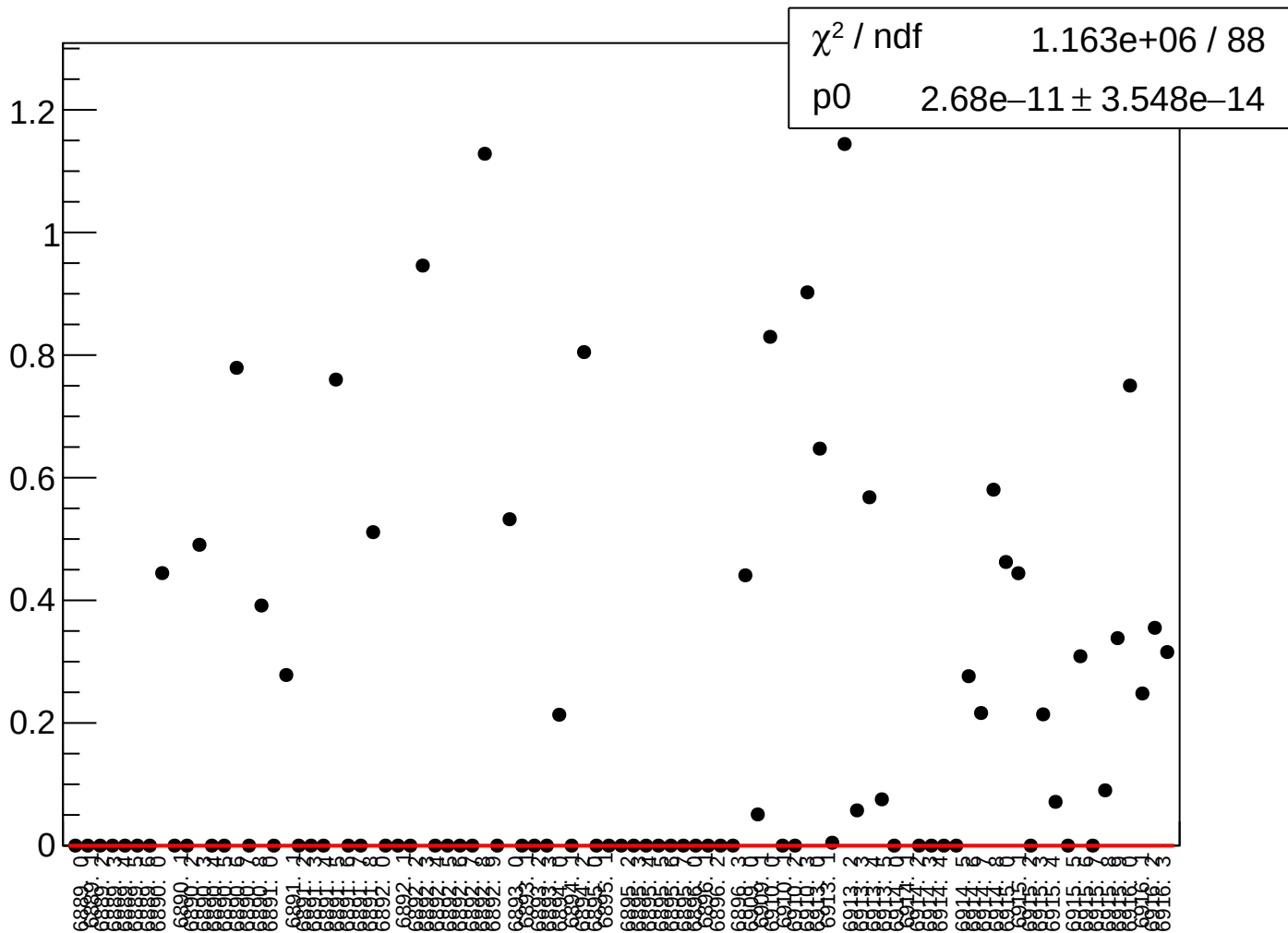
asym_us_dd_at2lr_dd_avg_rms vs run



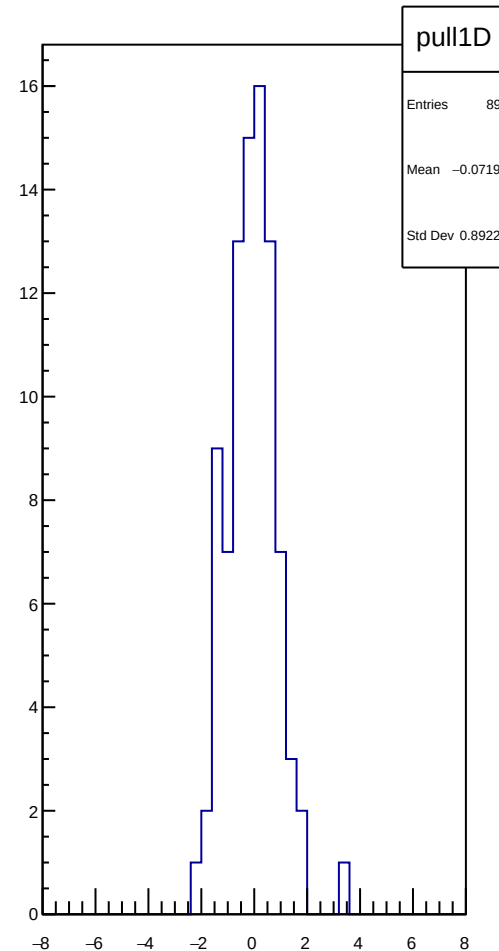
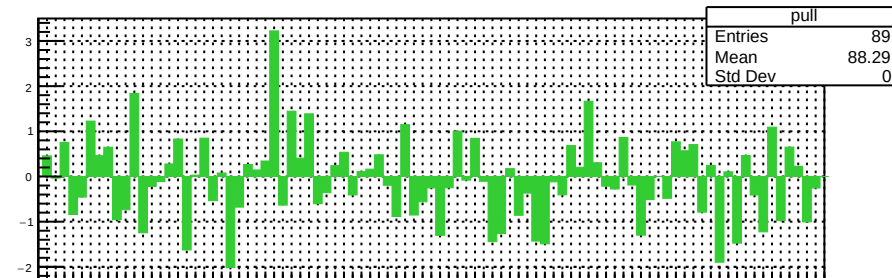
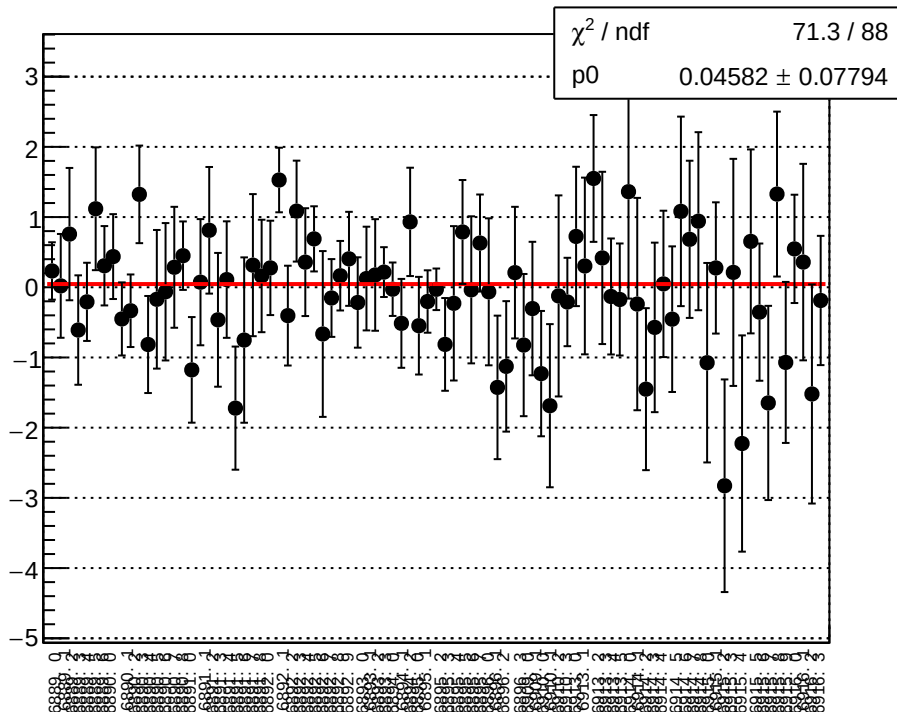
asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs run



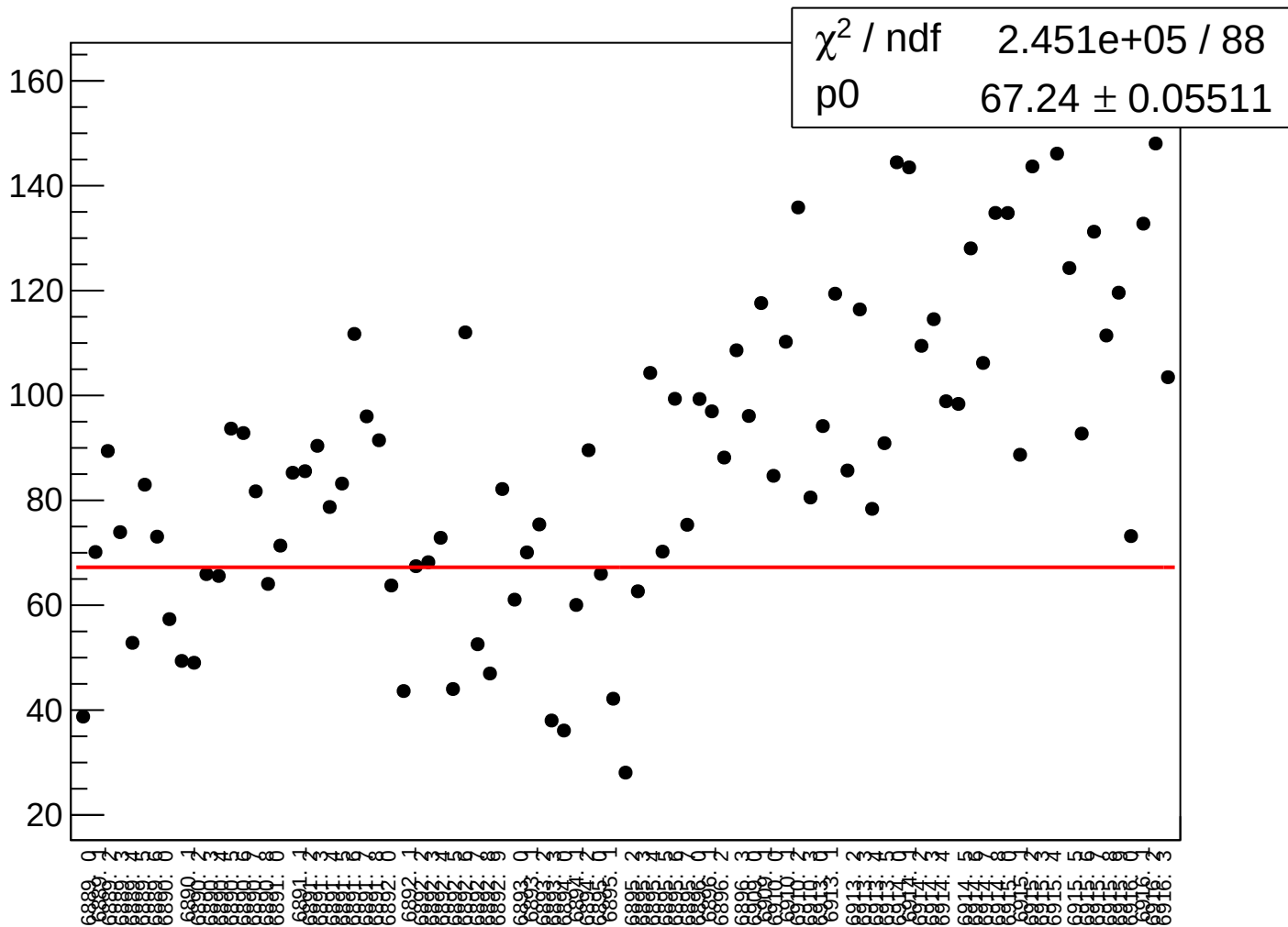
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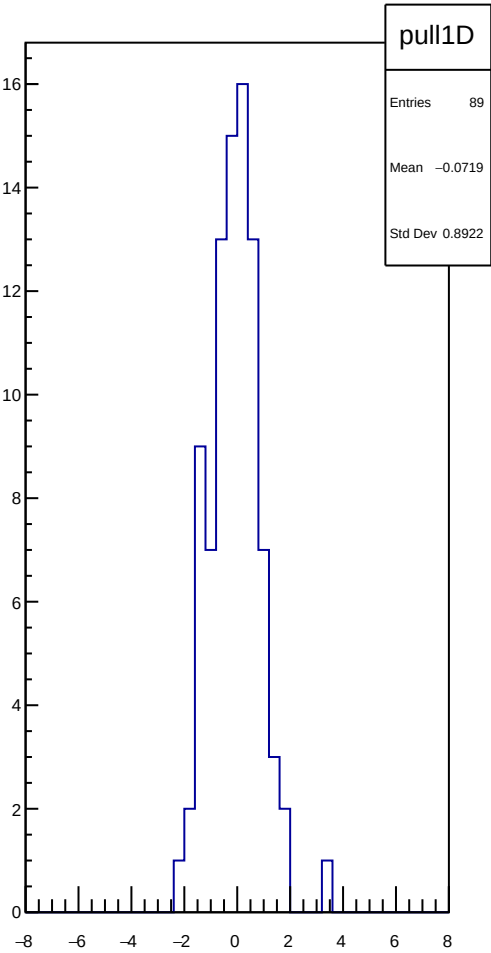
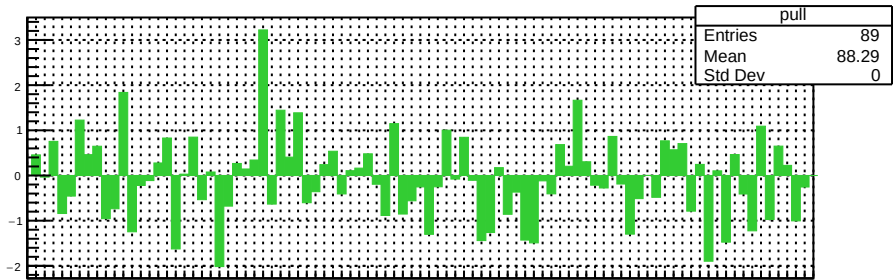
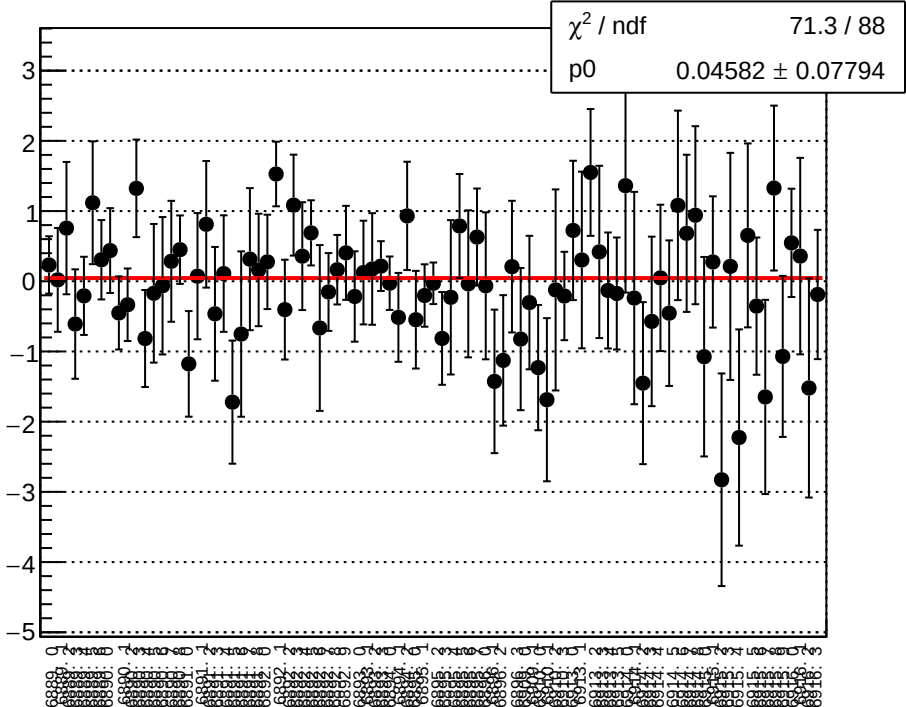
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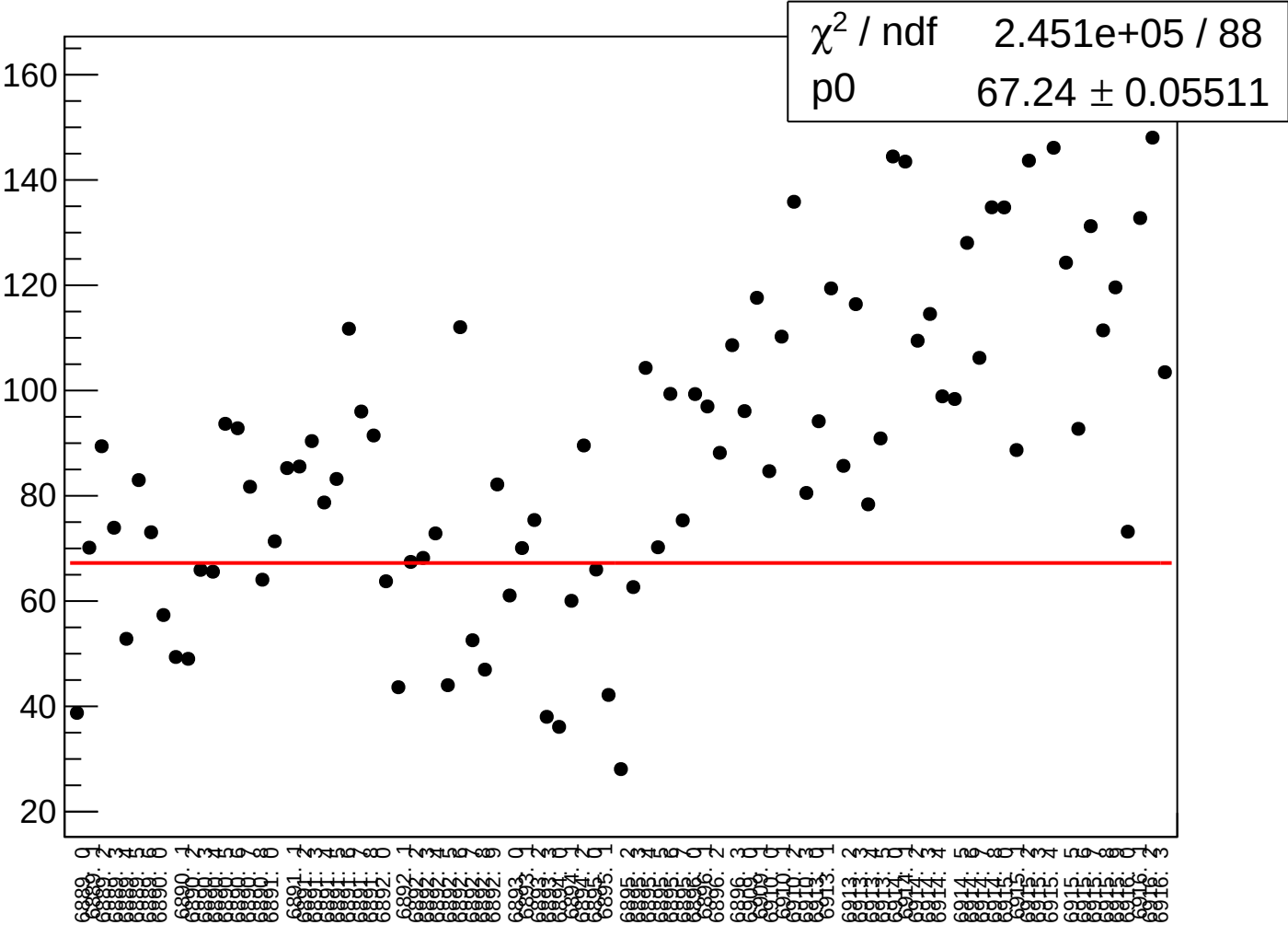
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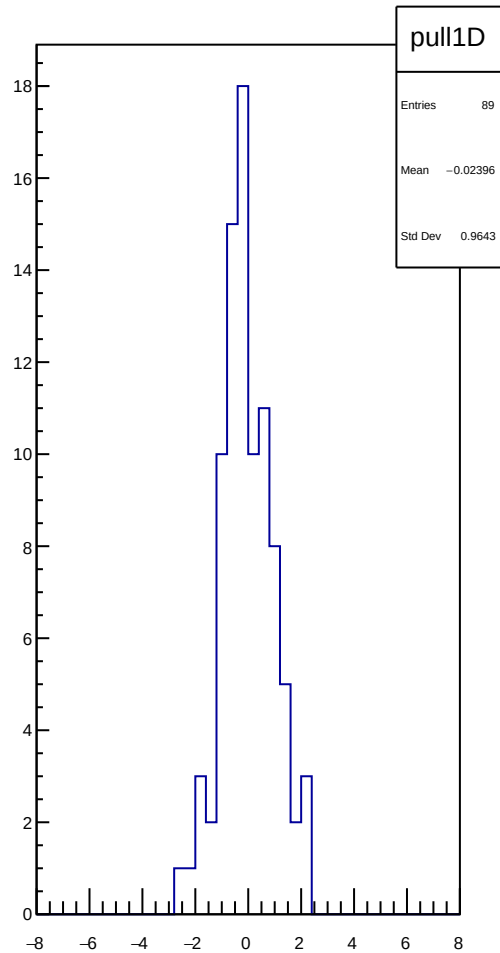
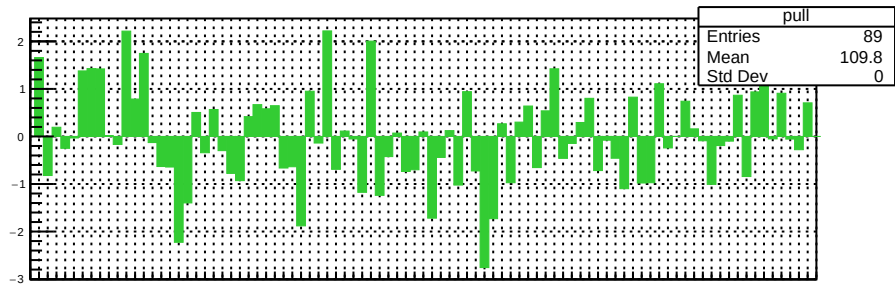
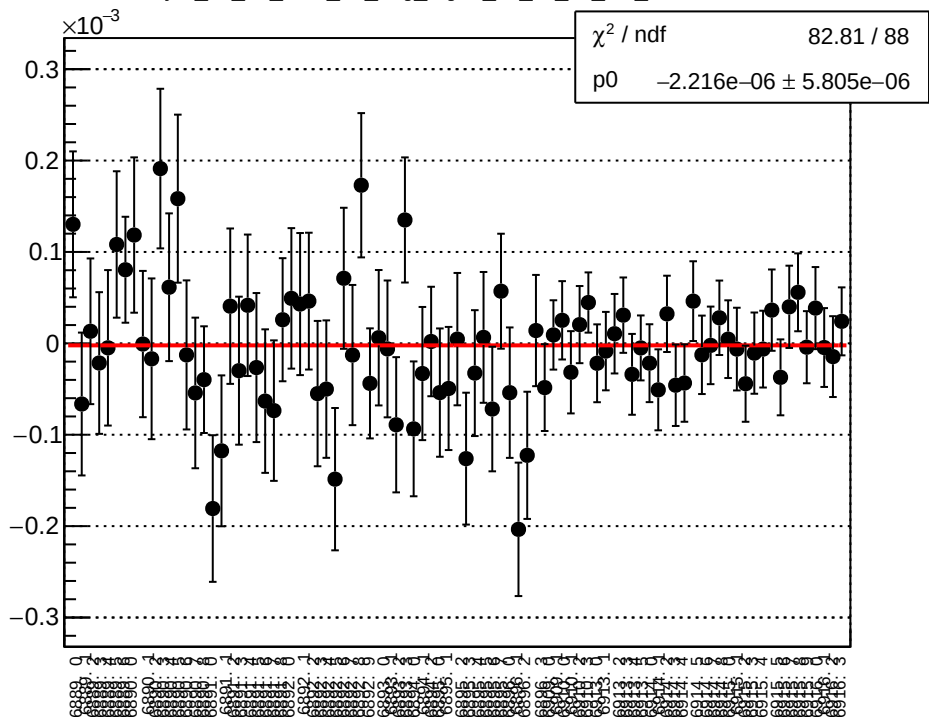
asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs run



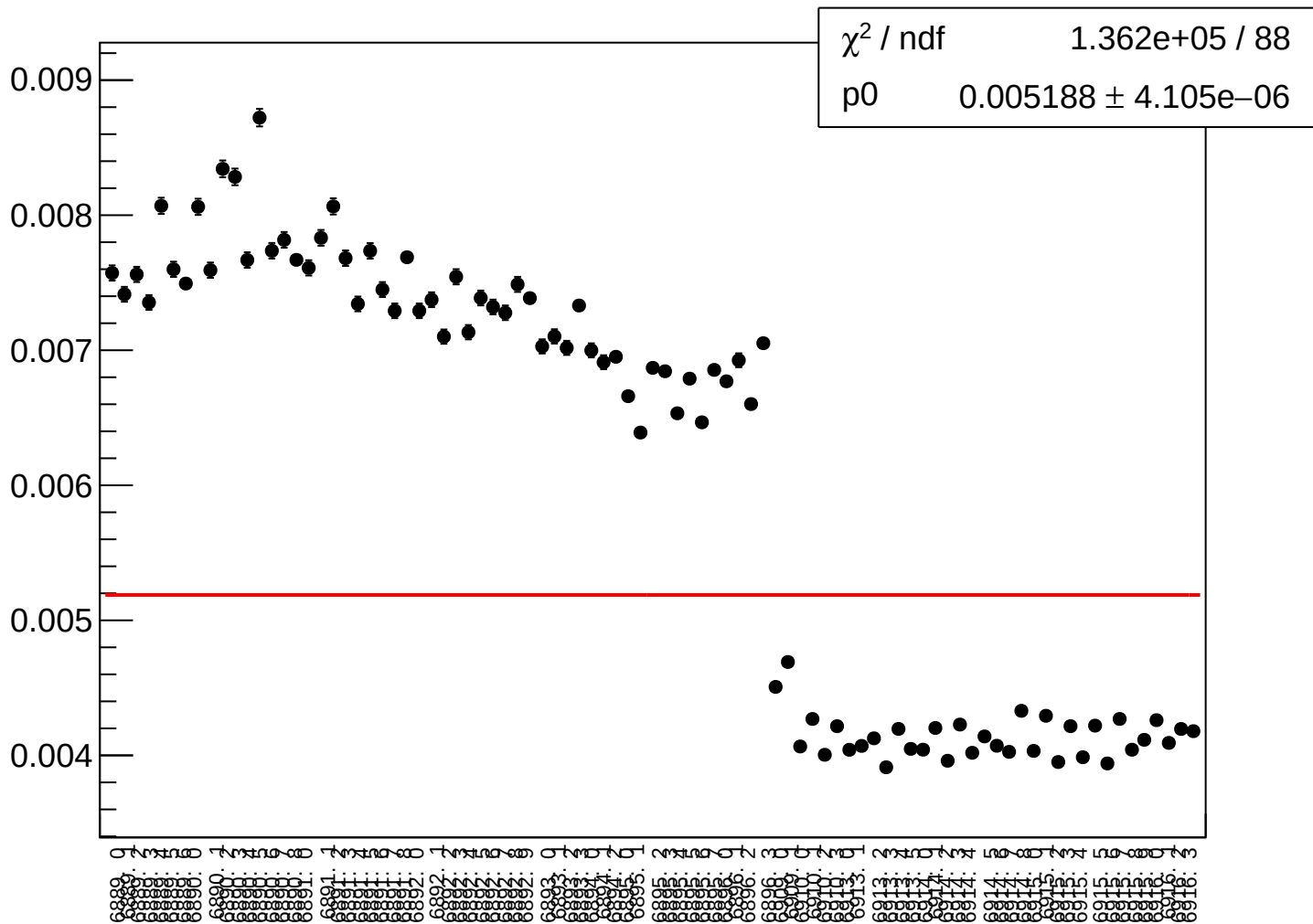
asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs run



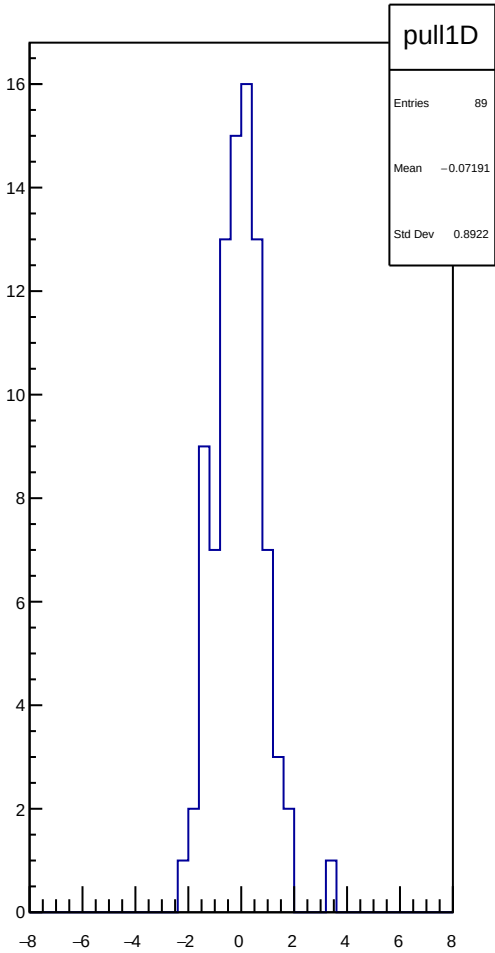
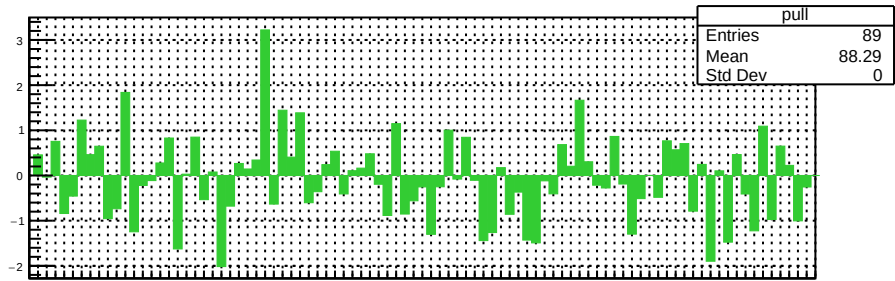
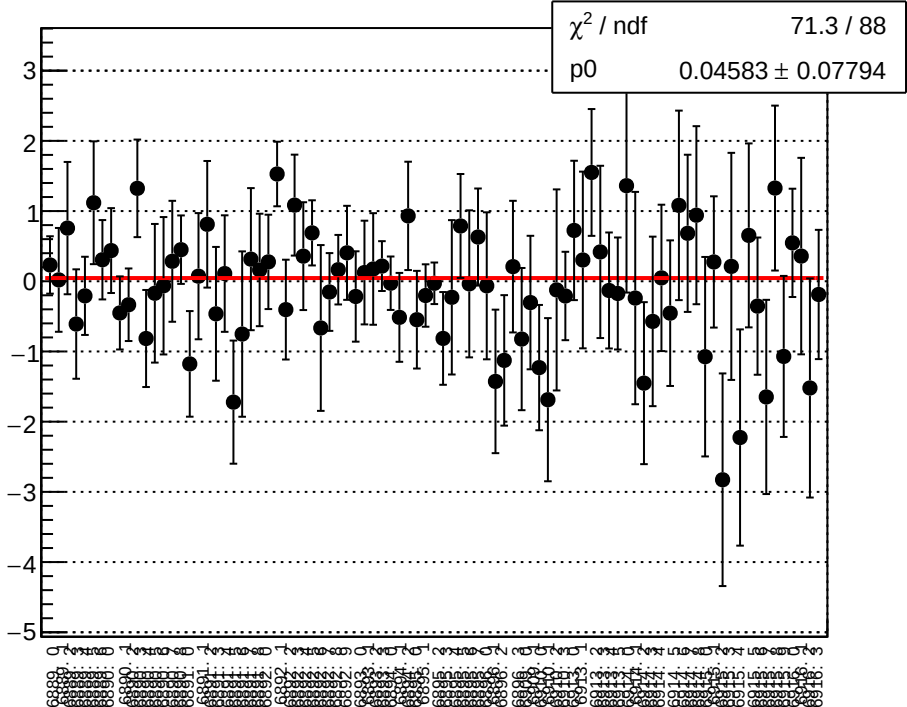
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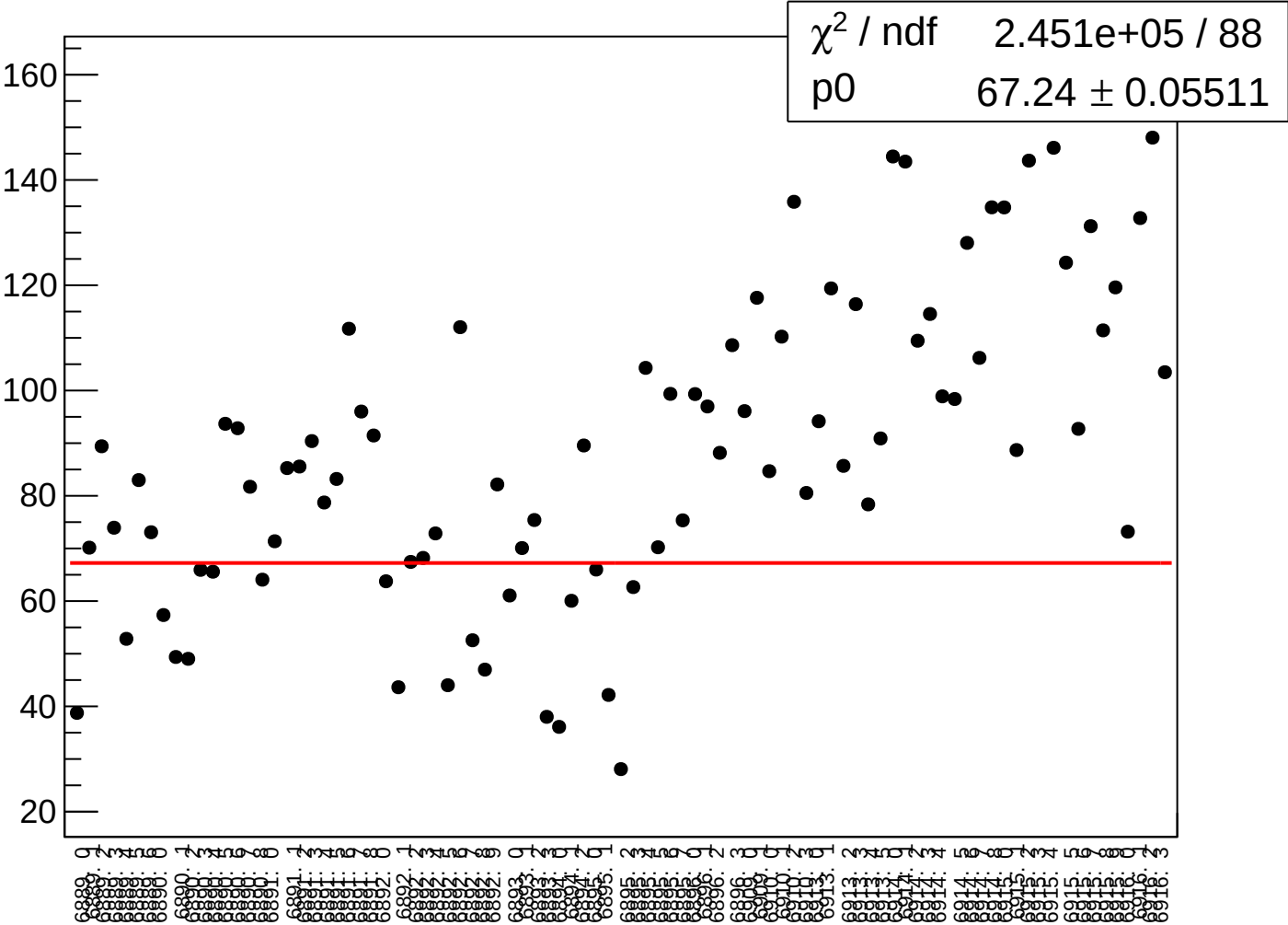
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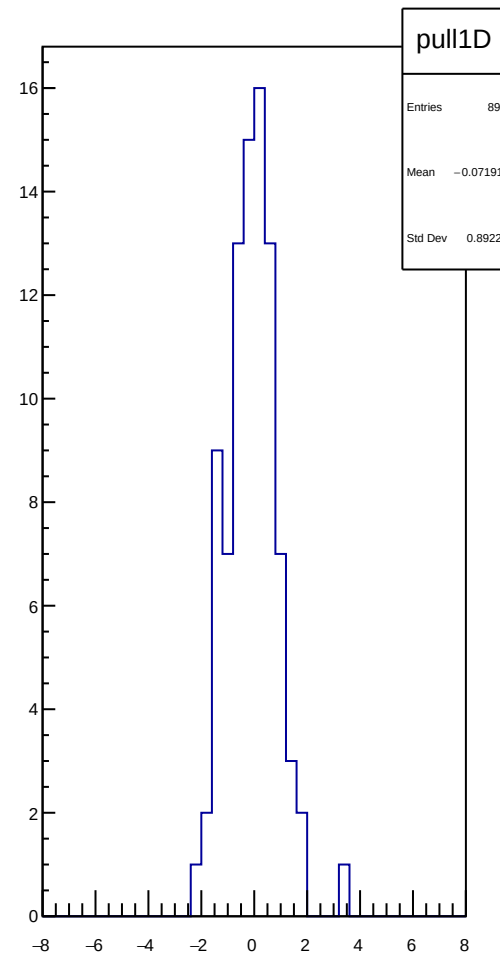
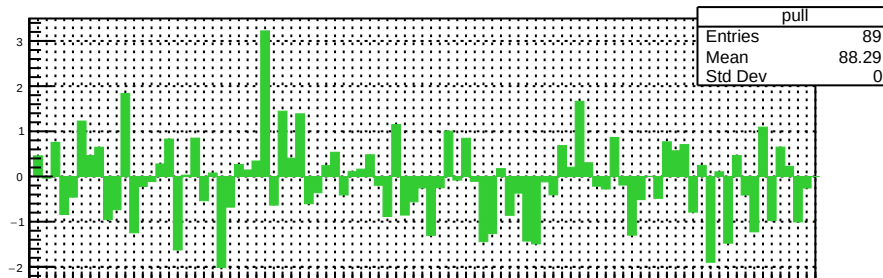
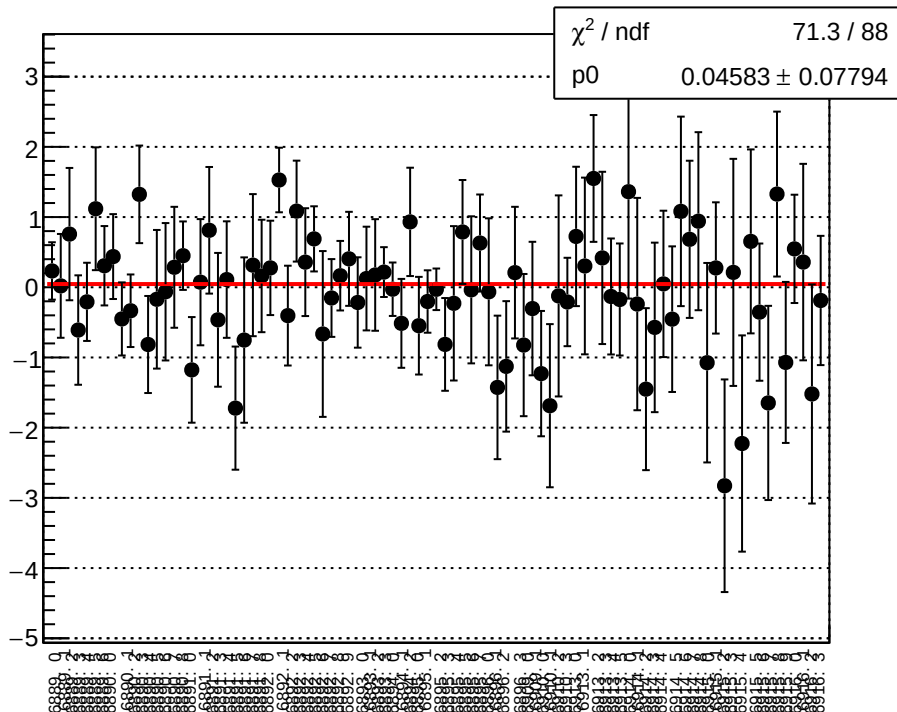
asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_mean vs run



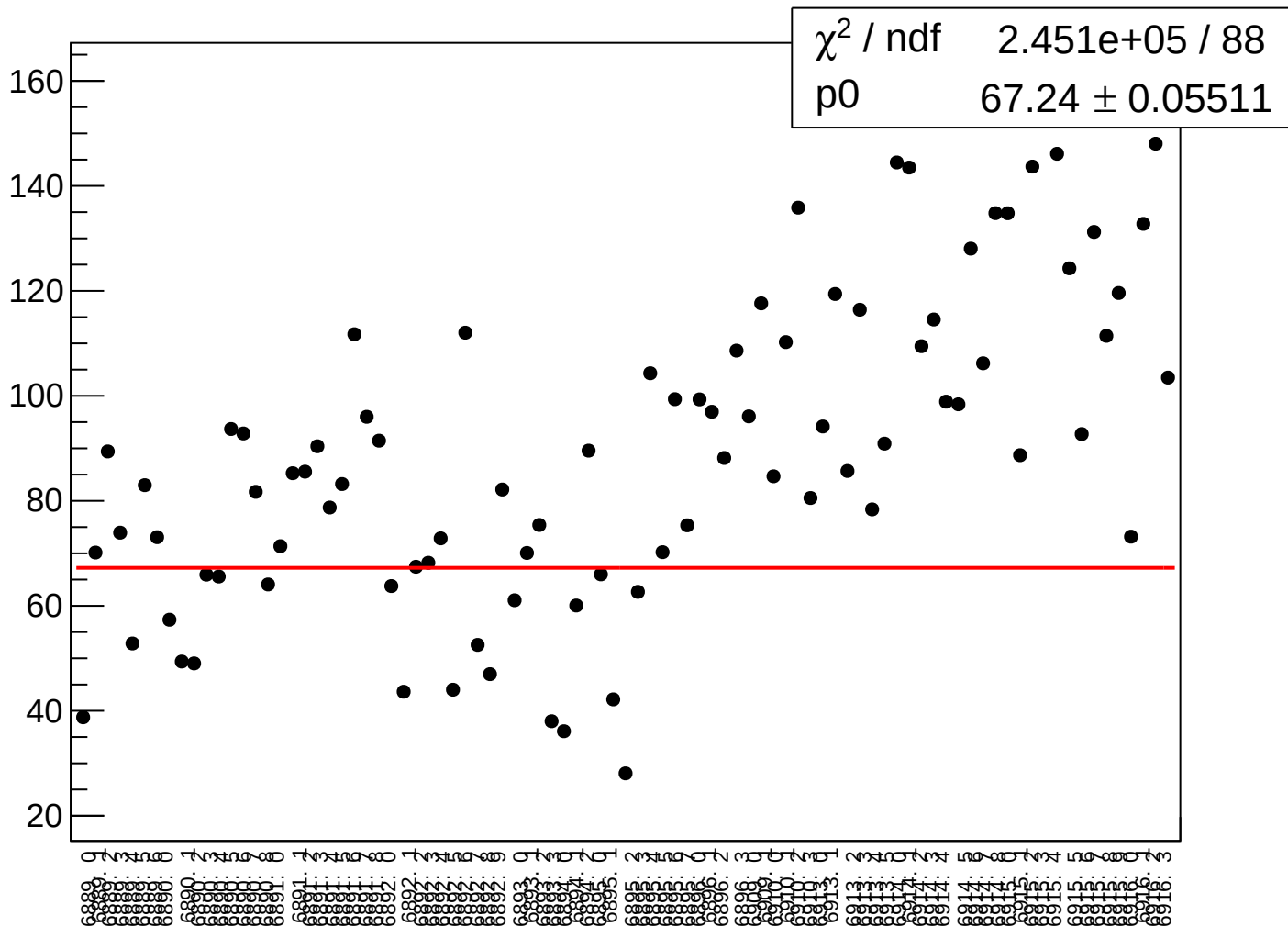
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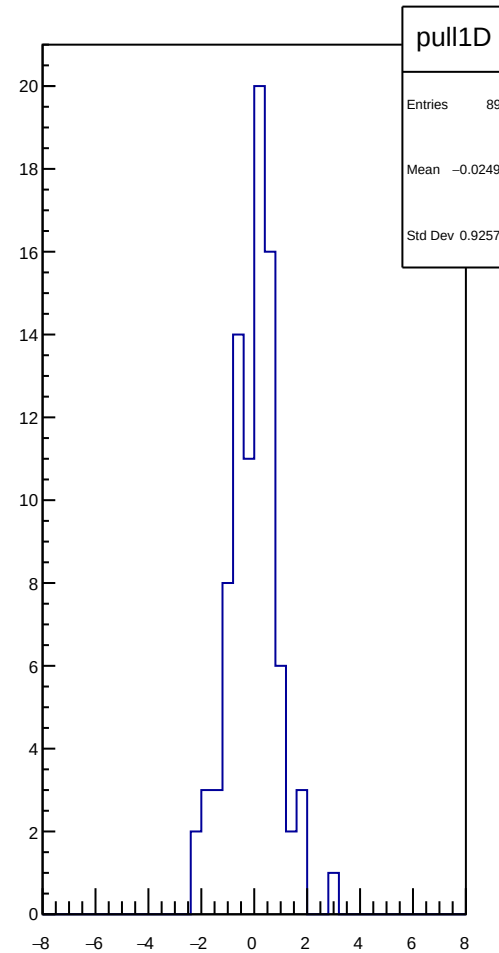
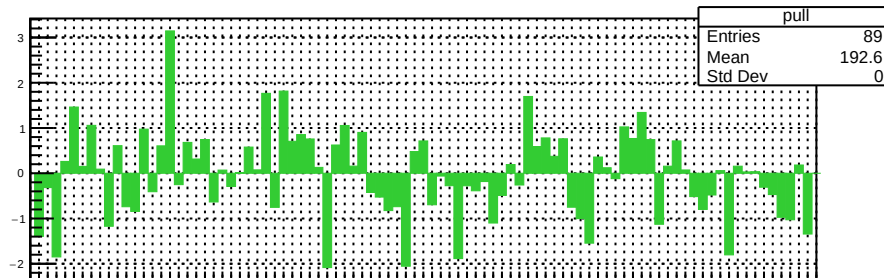
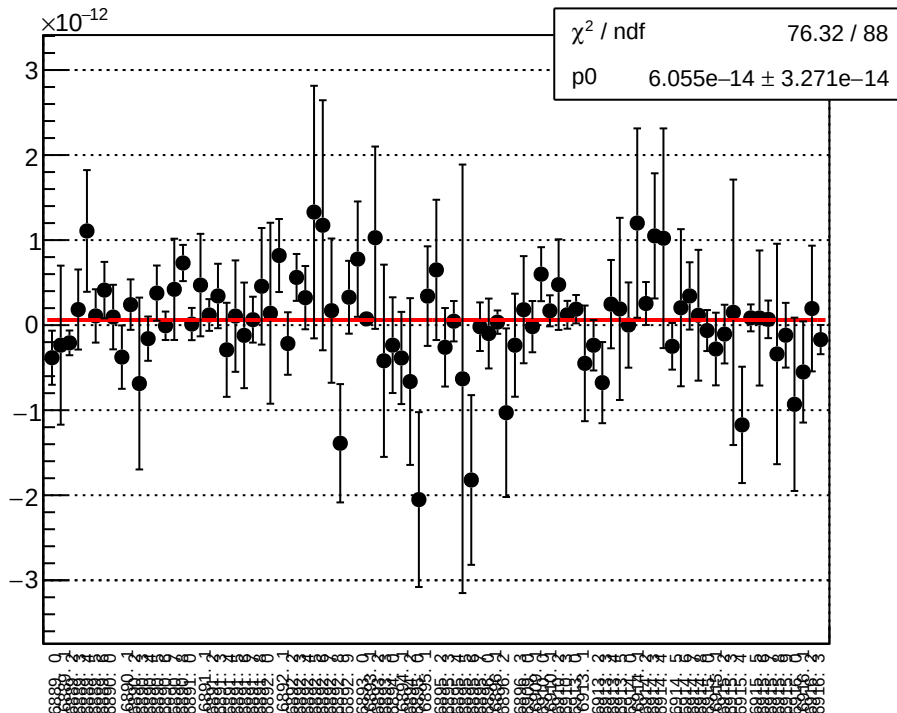
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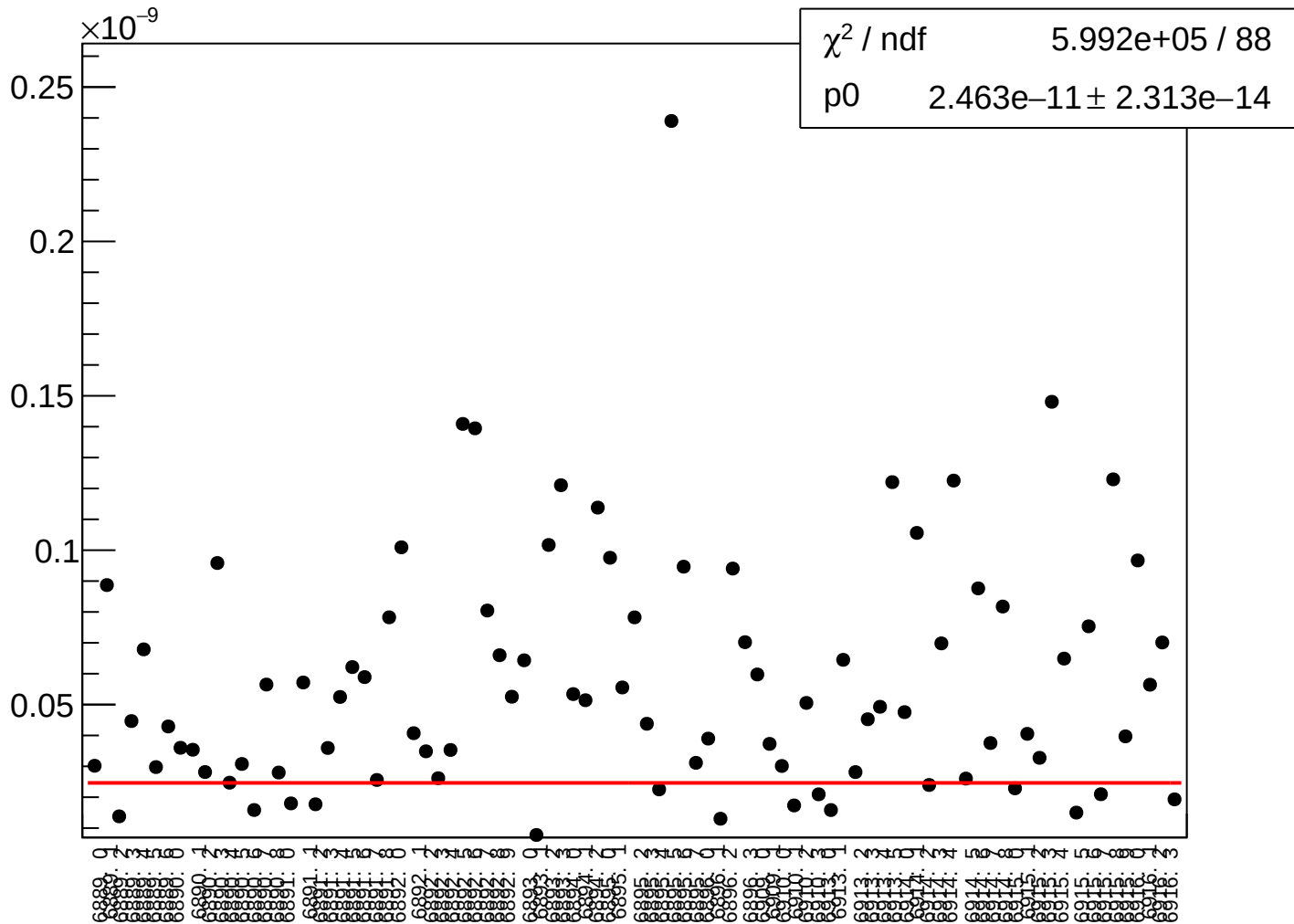
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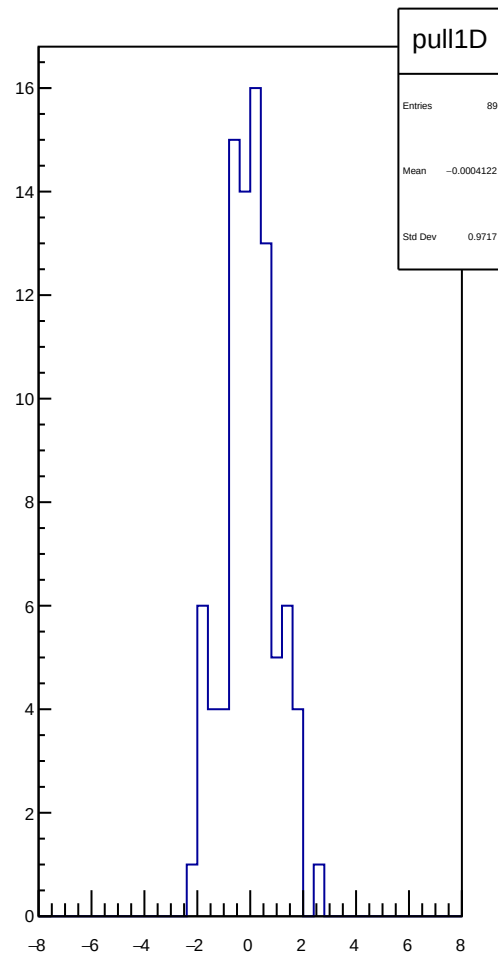
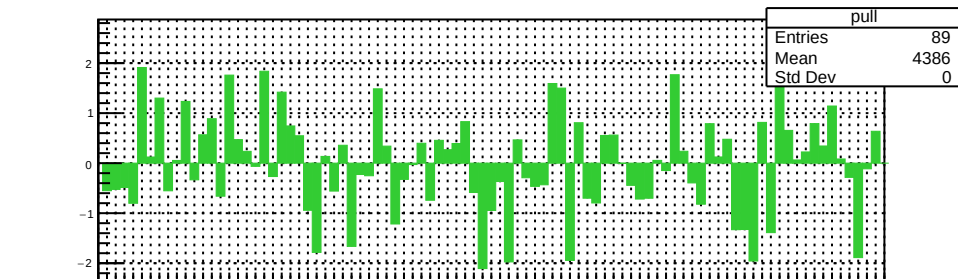
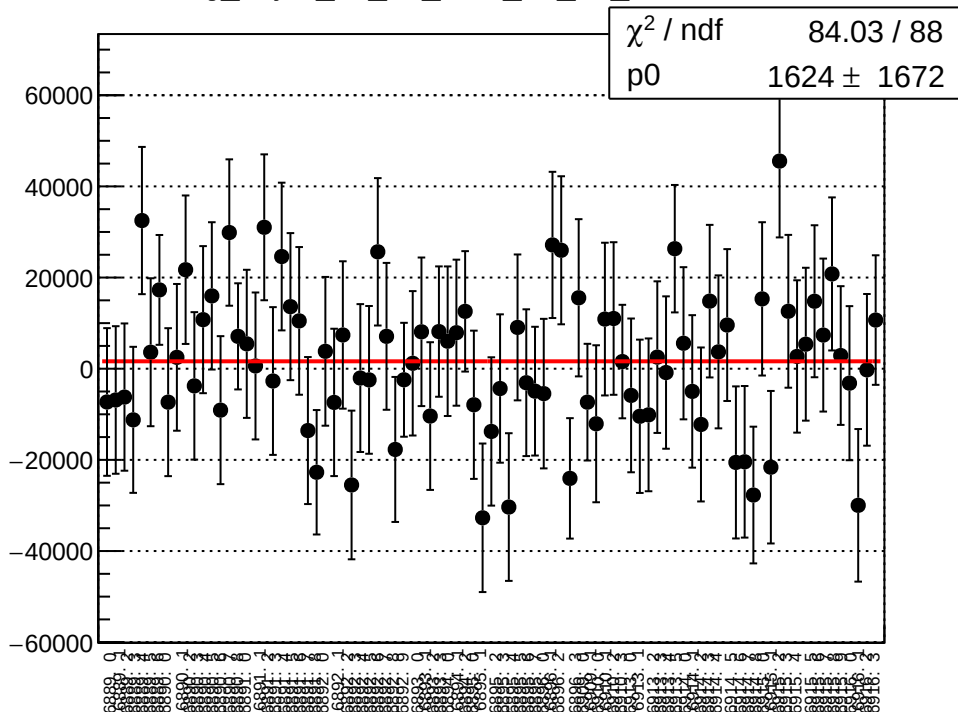
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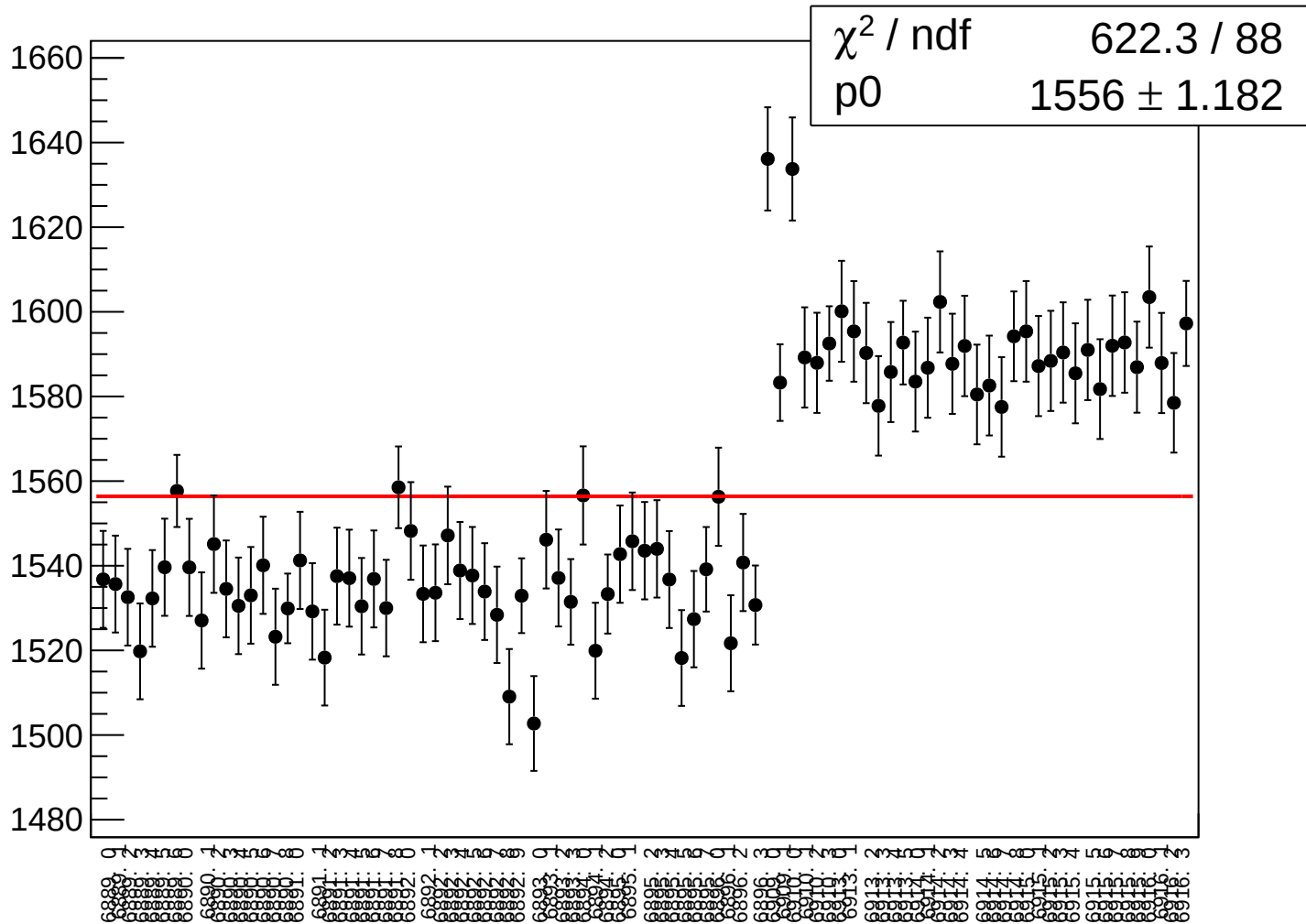
asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_rms vs run



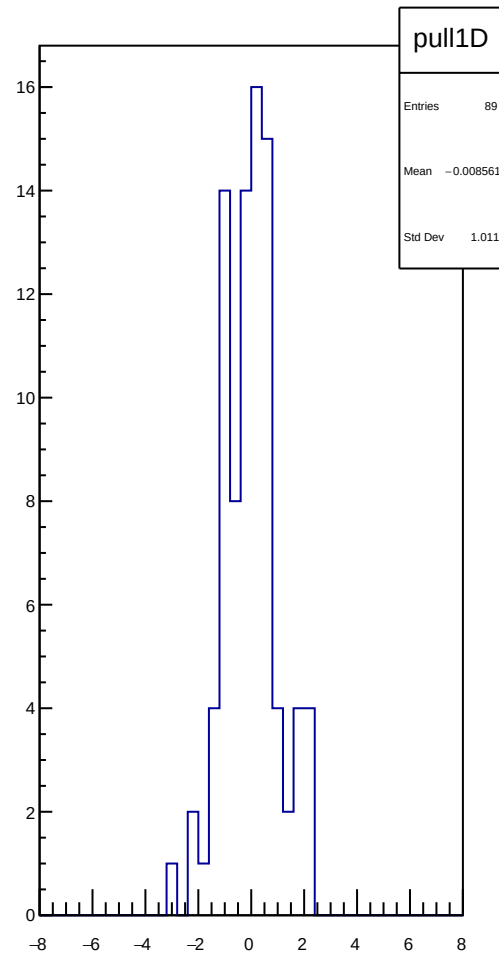
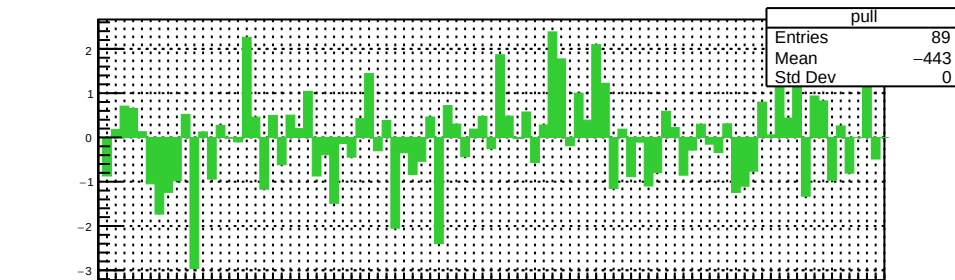
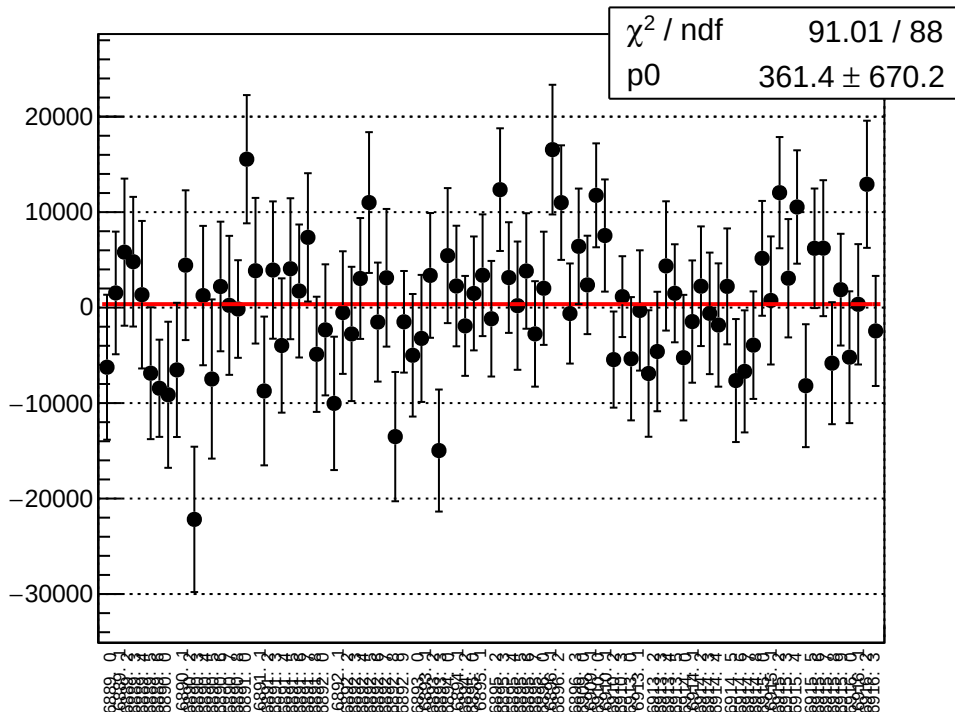
reg_asym_us_dd_at2lr_dd_dd_mean vs run



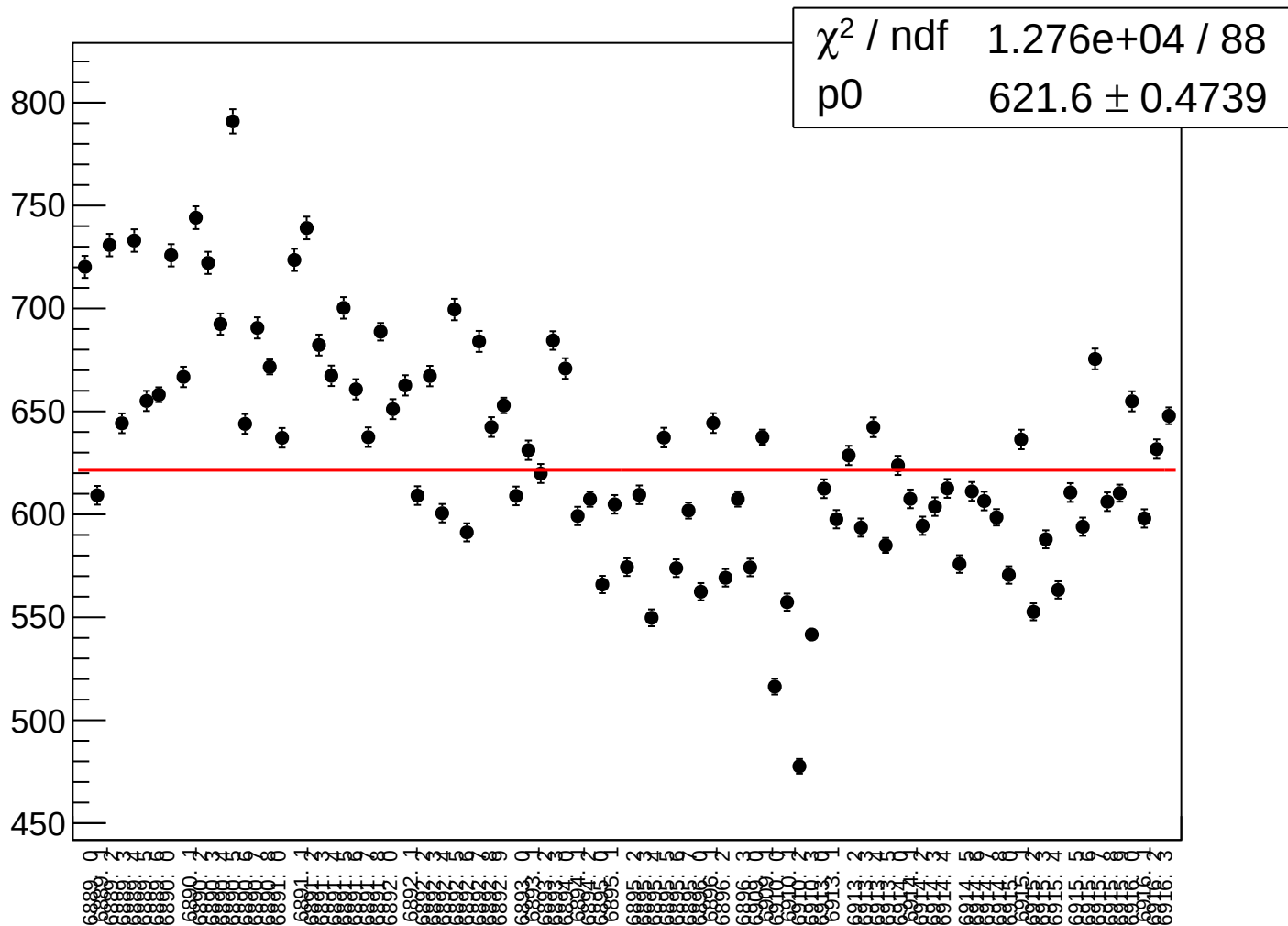
reg_asym_us_dd_at2lr_dd_dd_rms vs run



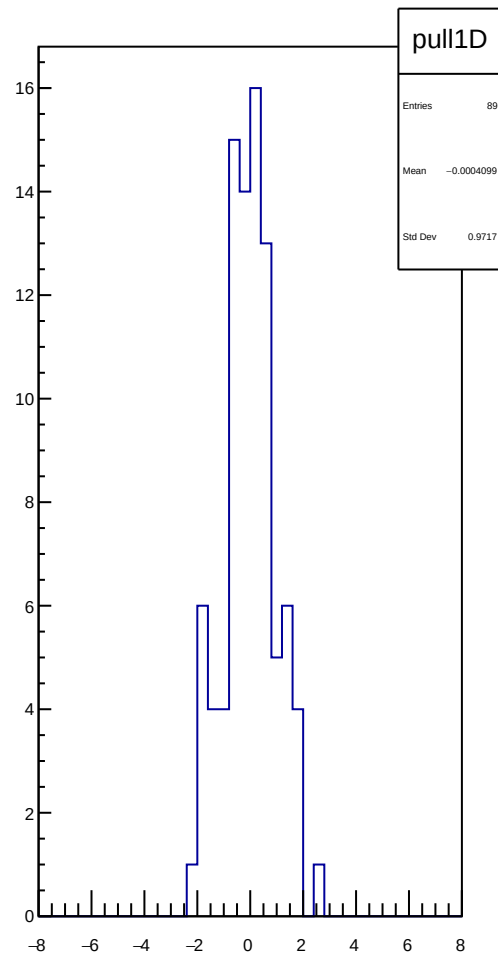
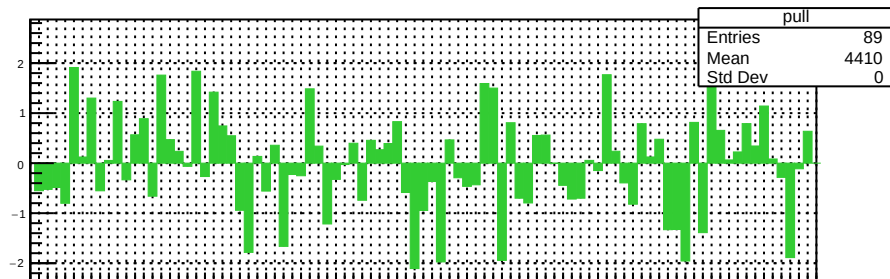
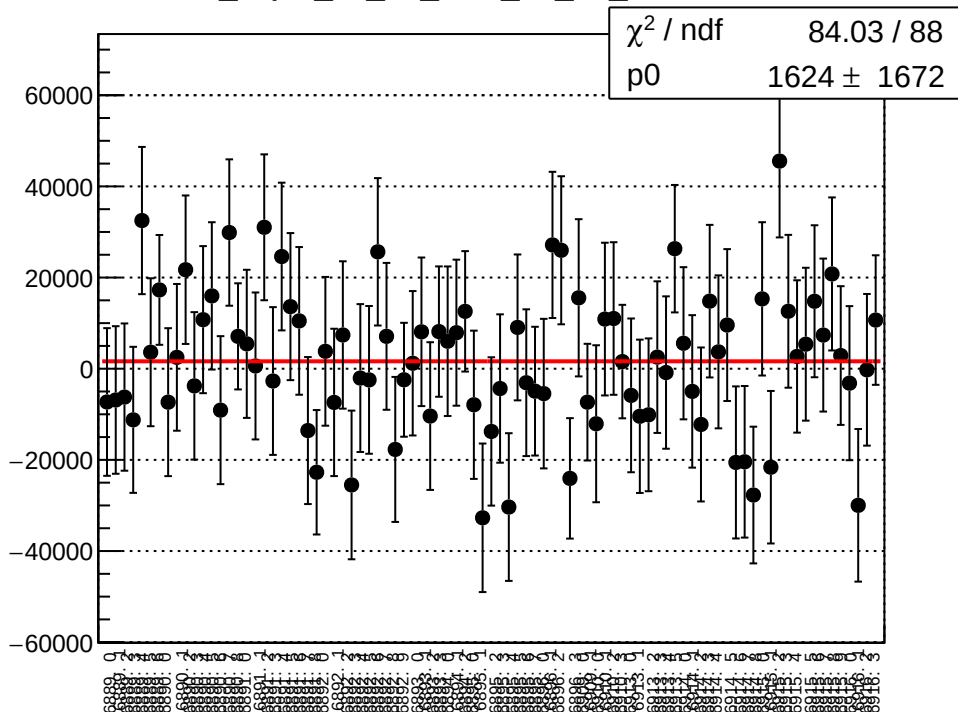
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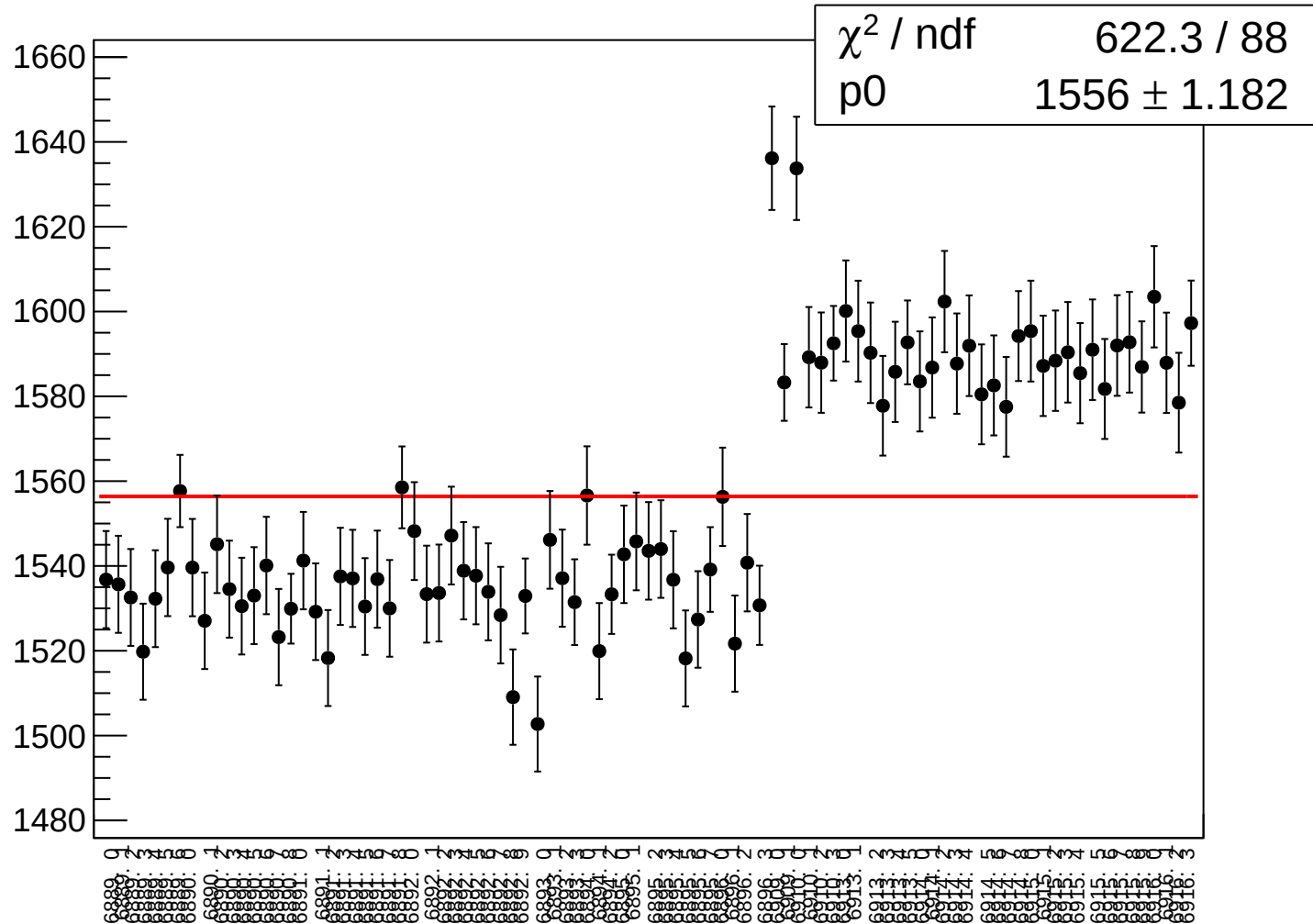
asym_us_dd_at2lr_dd_dd_reg_correction_rms vs run



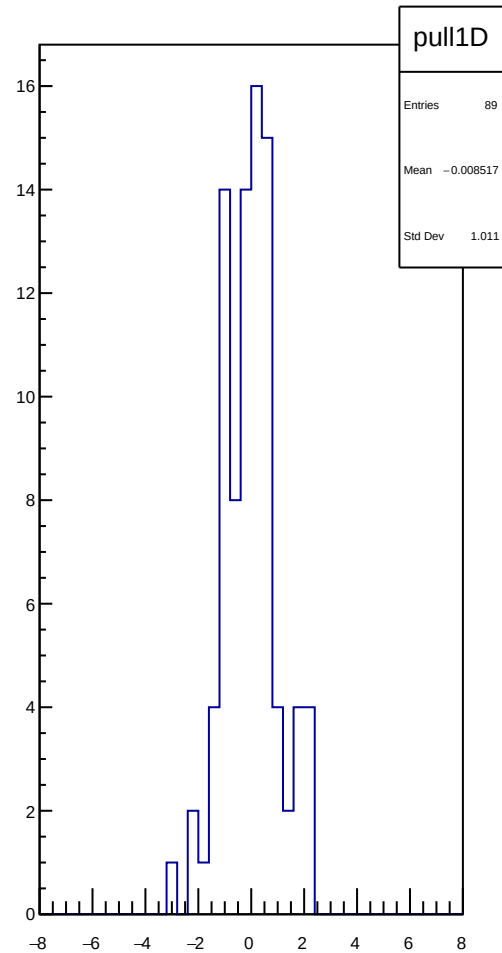
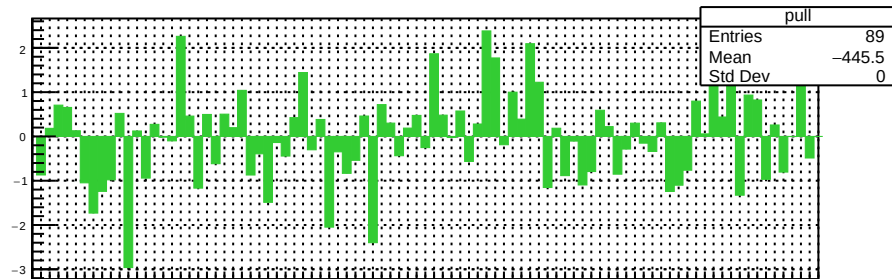
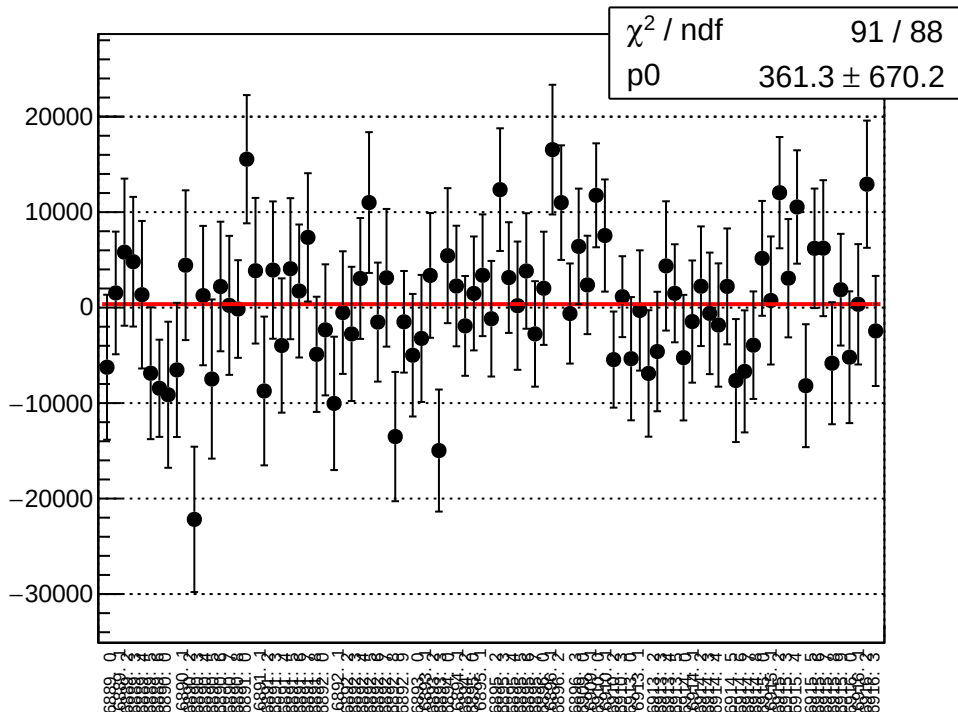
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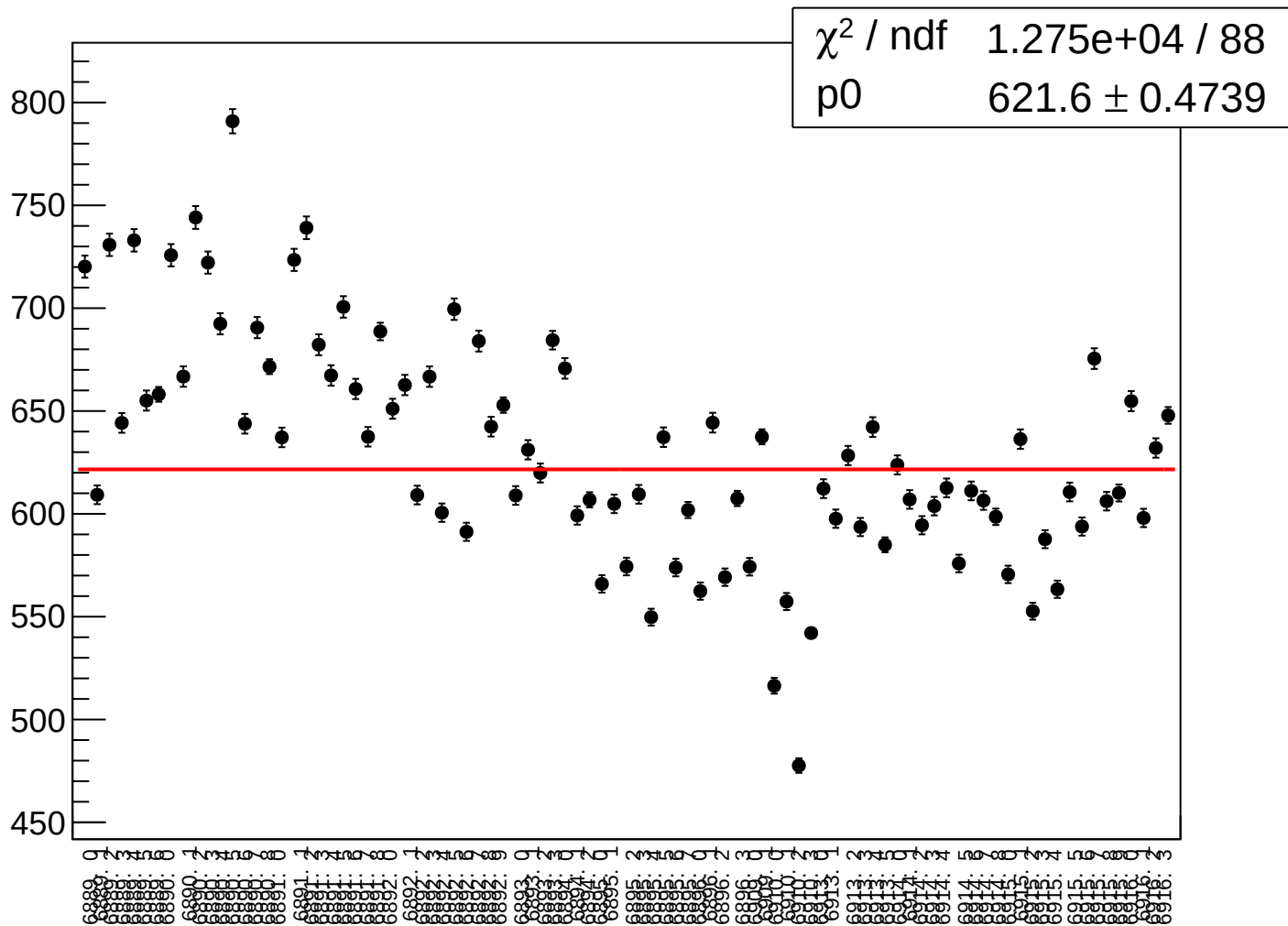
cor_asym_us_dd_at2lr_dd_dd_rms vs run



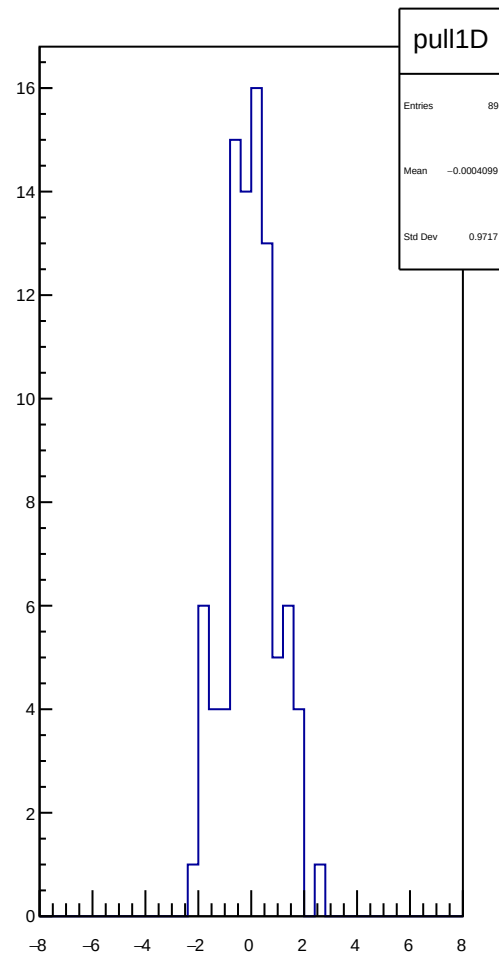
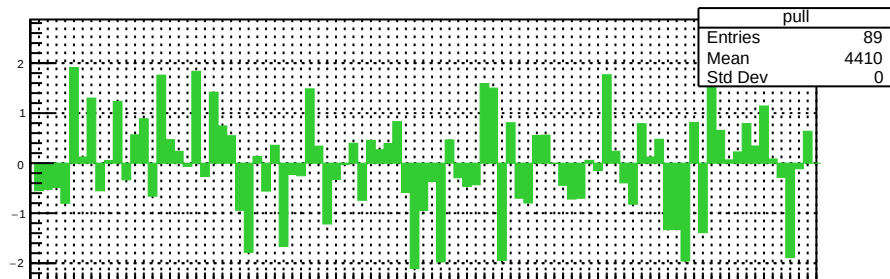
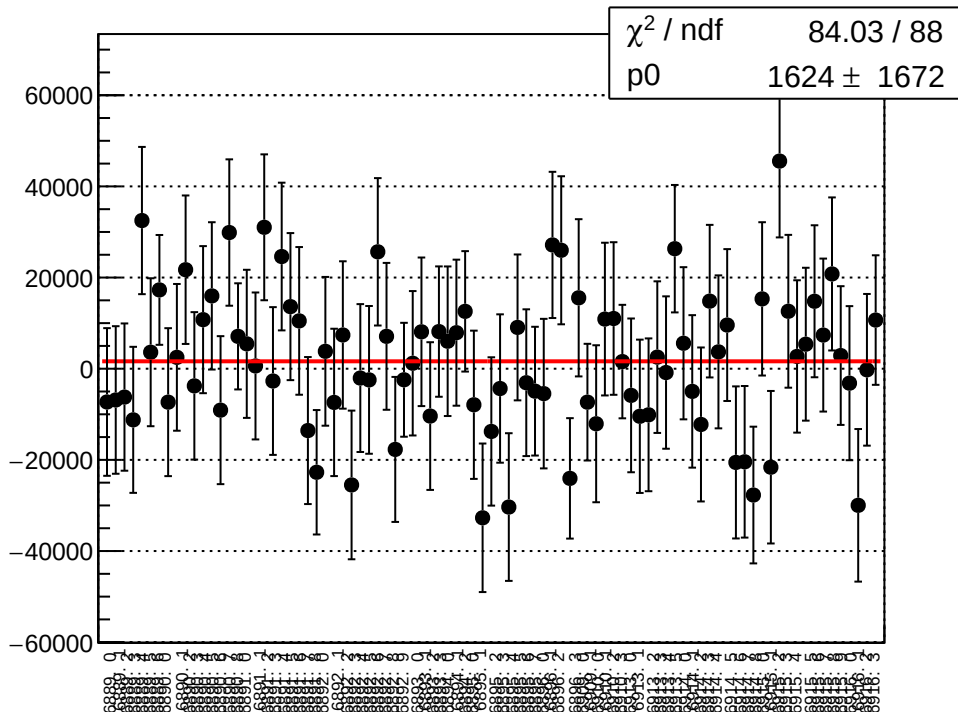
asym_us_dd_at2lr_dd_dd_cor_correction_mean vs run



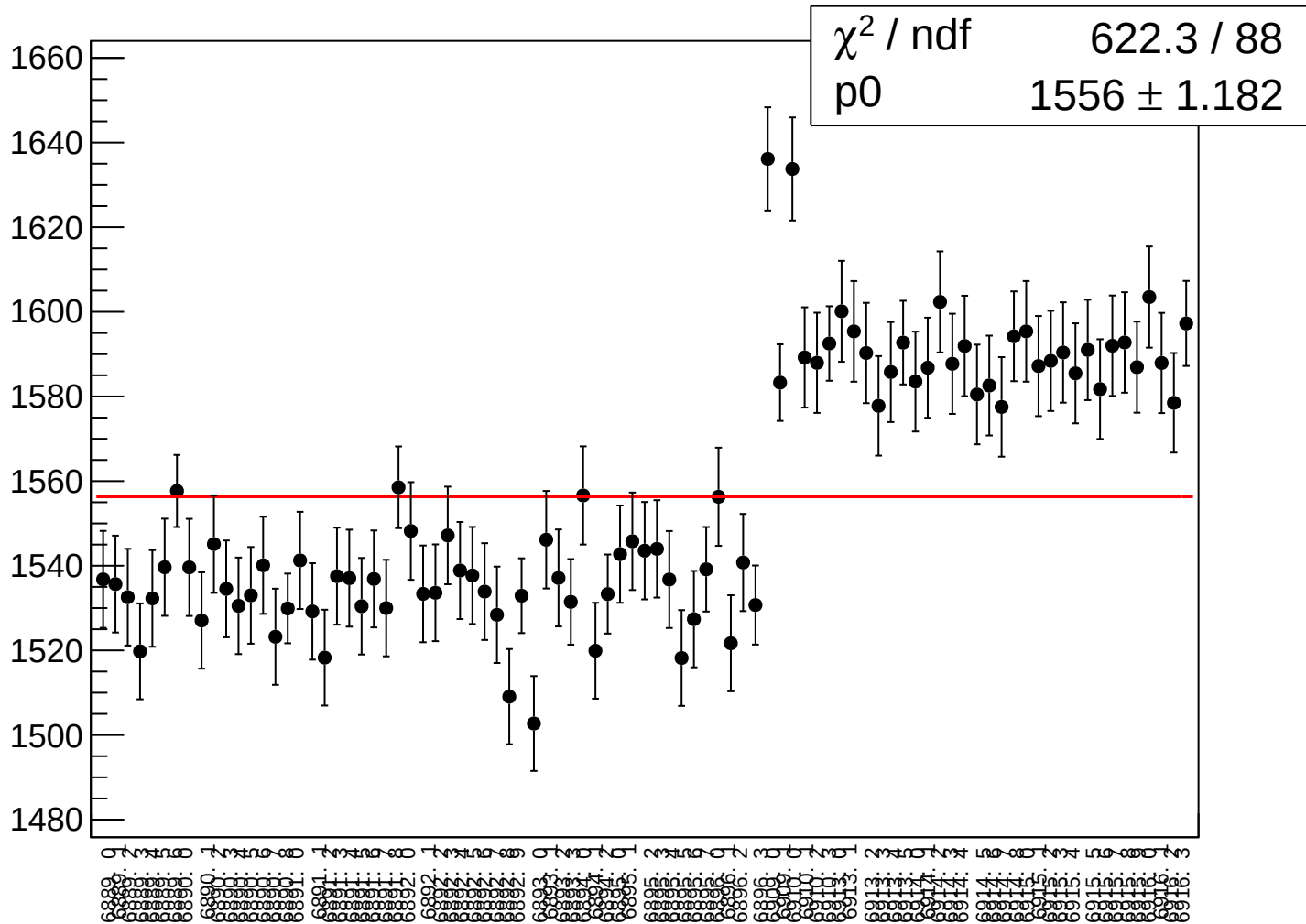
asym_us_dd_at2lr_dd_dd_cor_correction_rms vs run



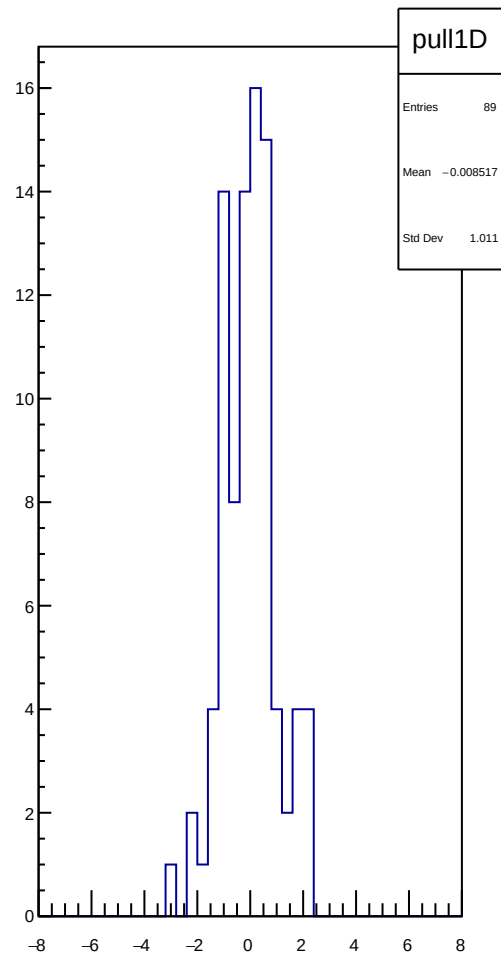
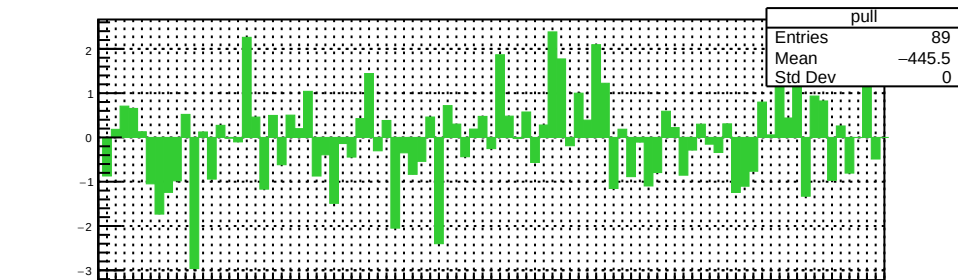
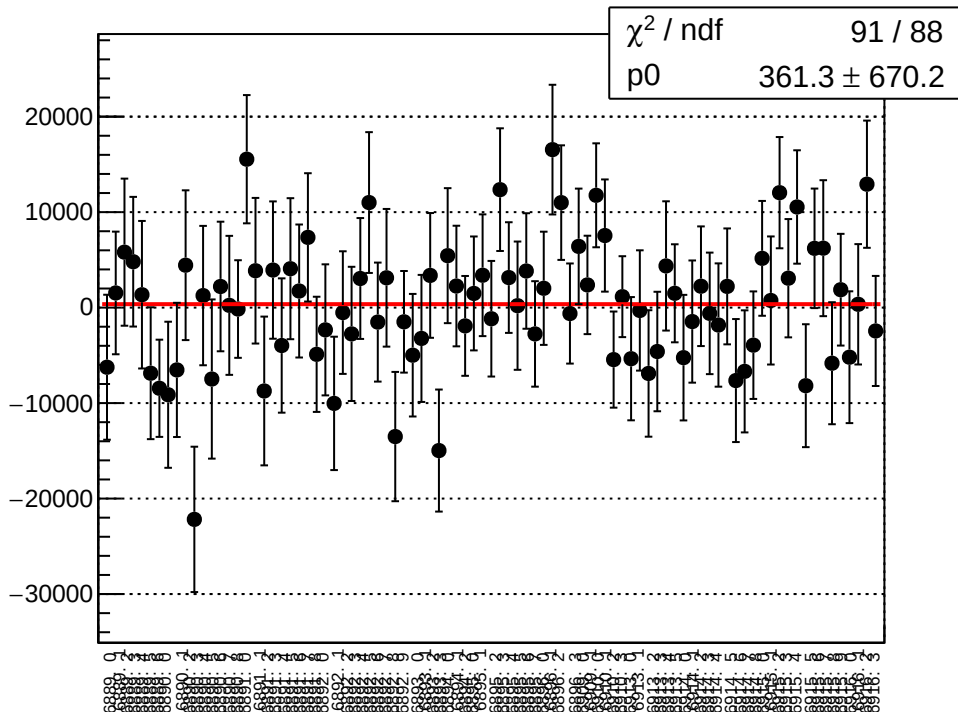
eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs run



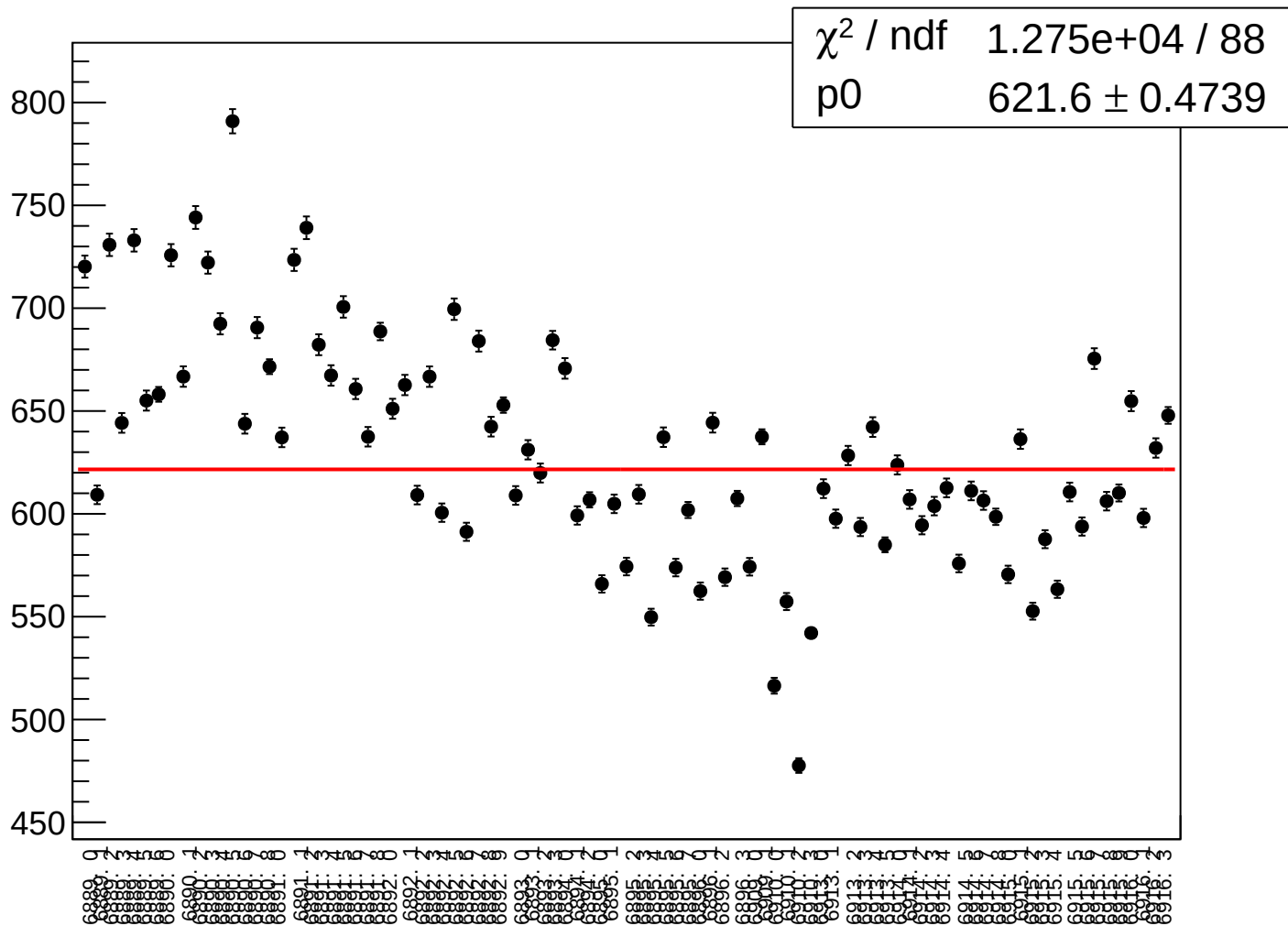
eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs run



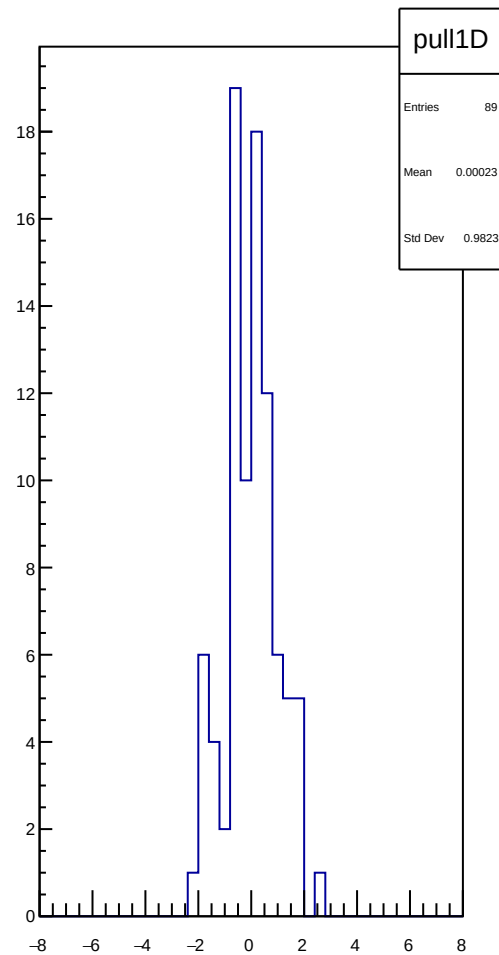
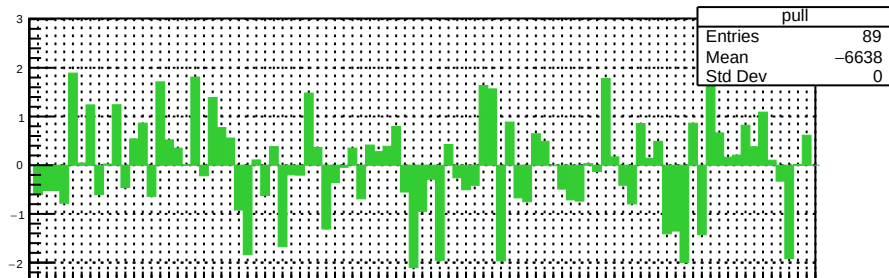
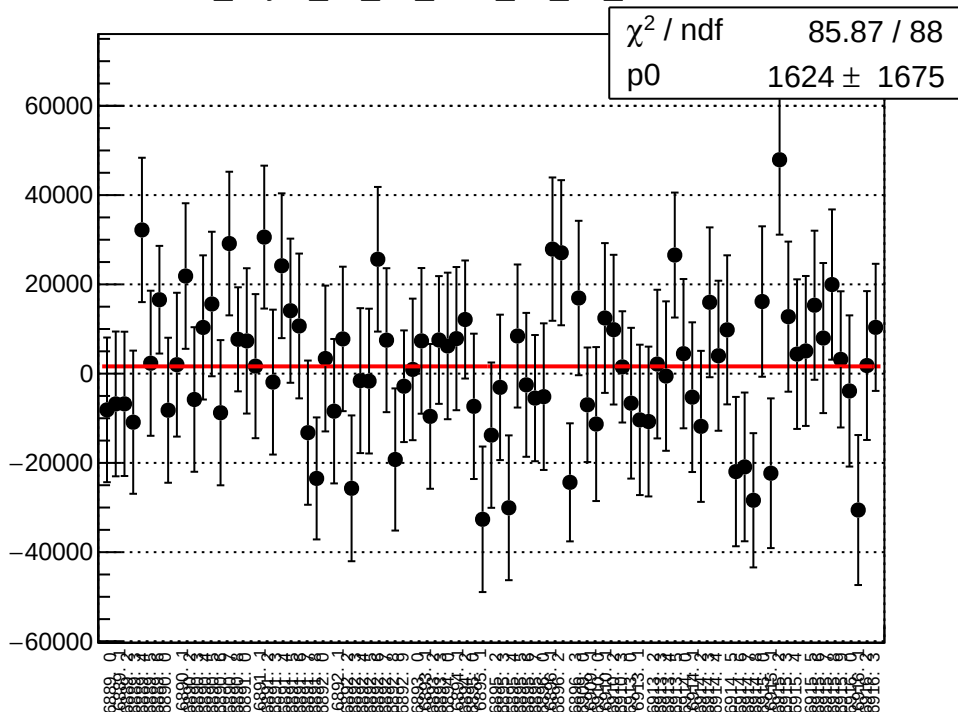
asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs run



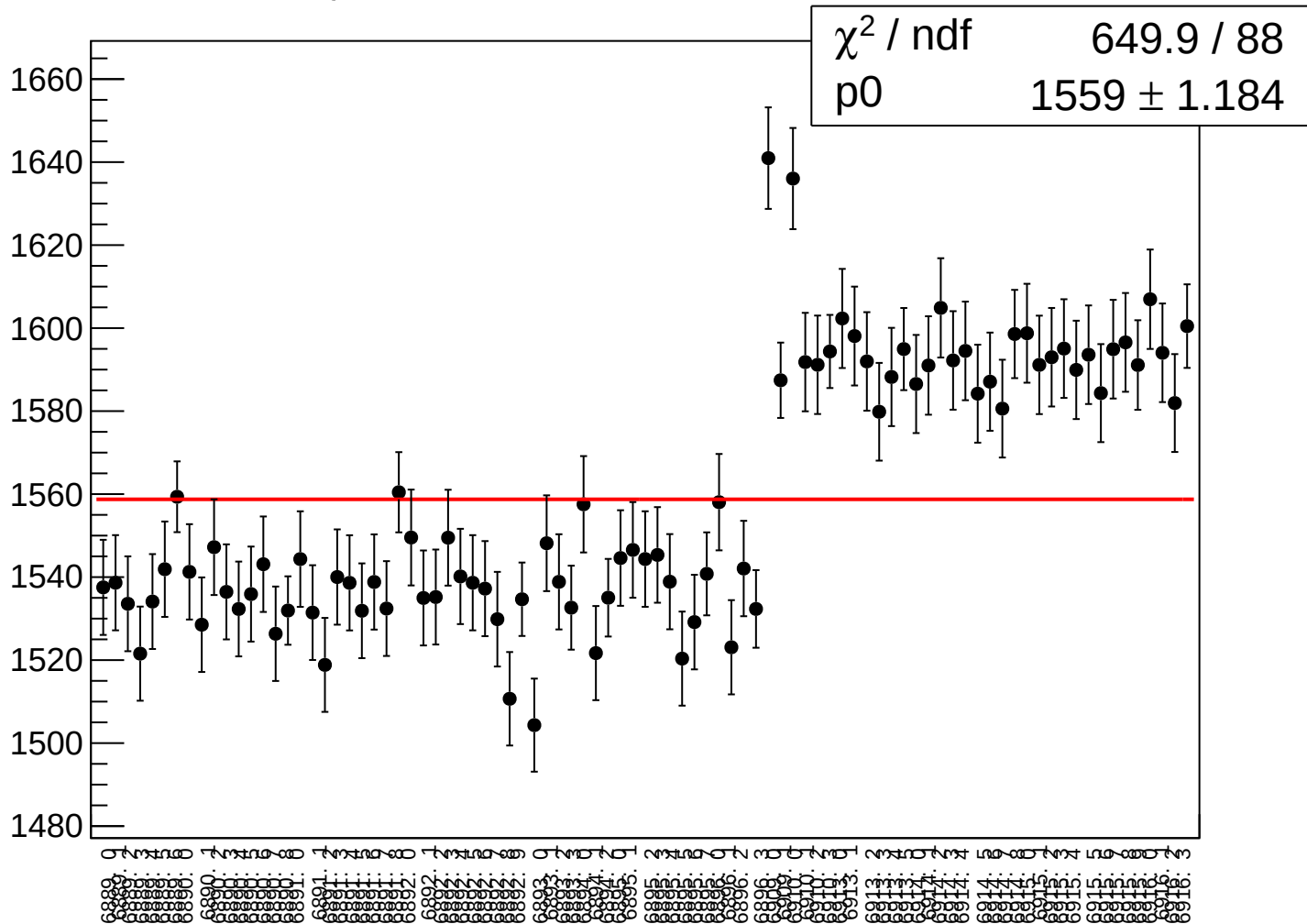
asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs run



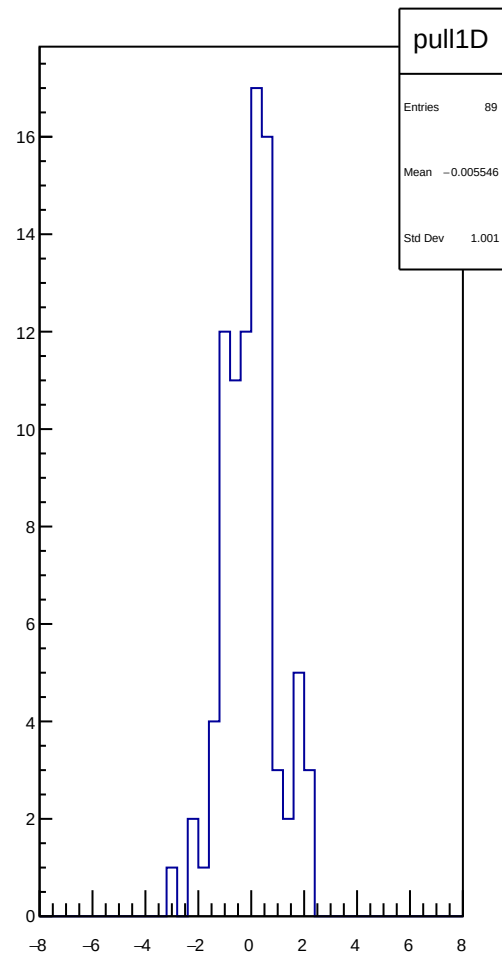
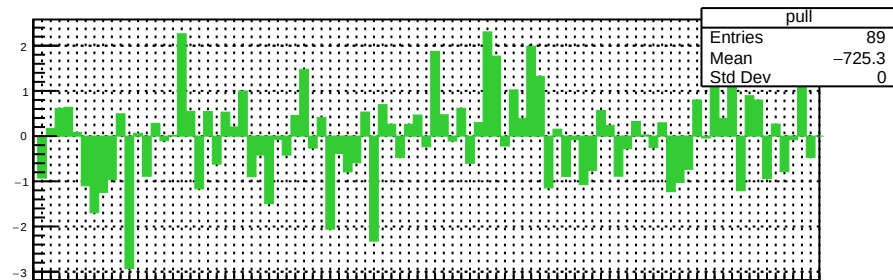
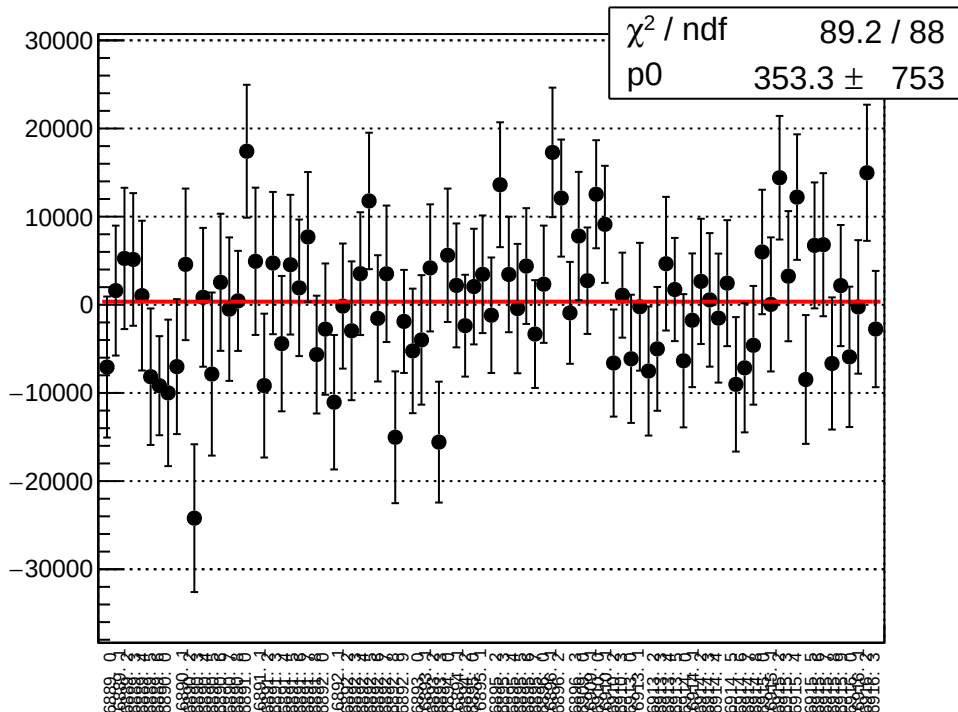
dit_asym_us_dd_at2lr_dd_dd_mean vs run



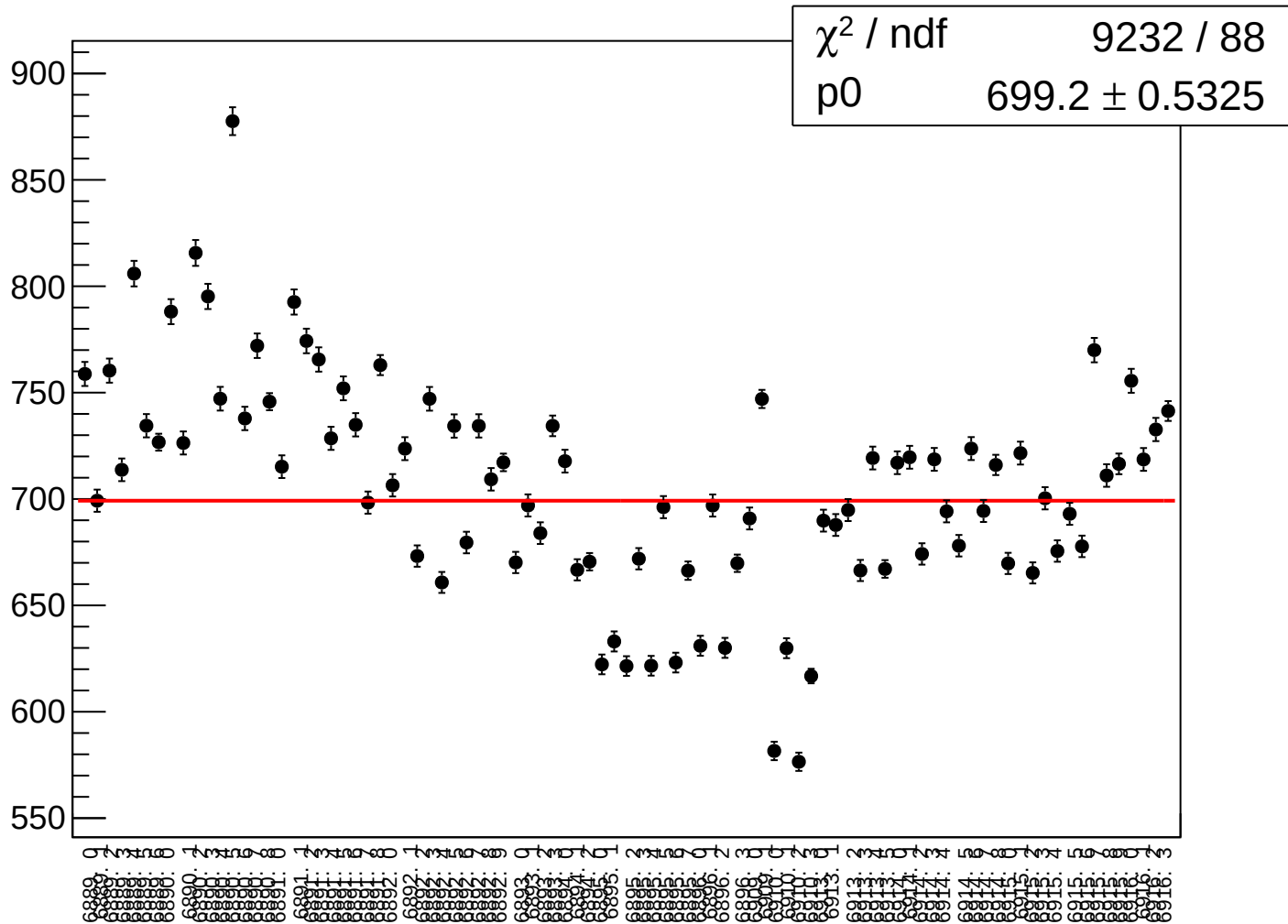
dit_asym_us_dd_at2lr_dd_dd_rms vs run



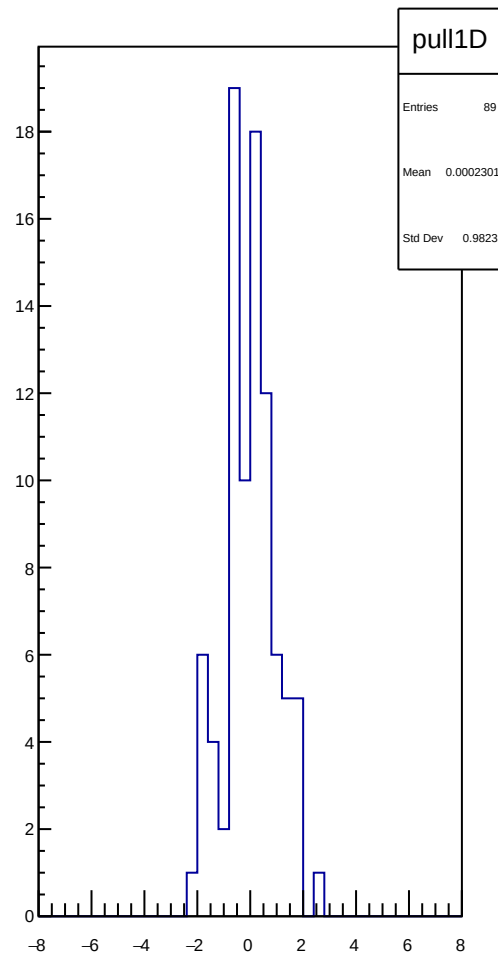
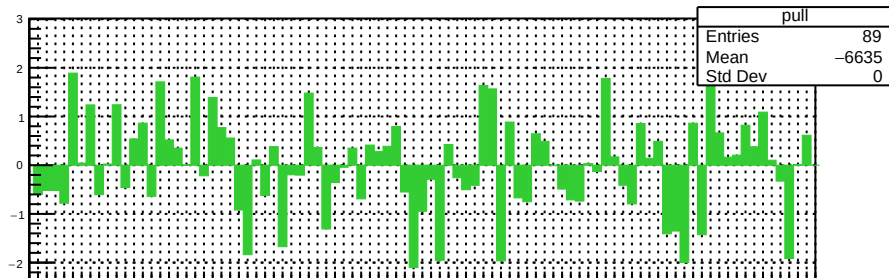
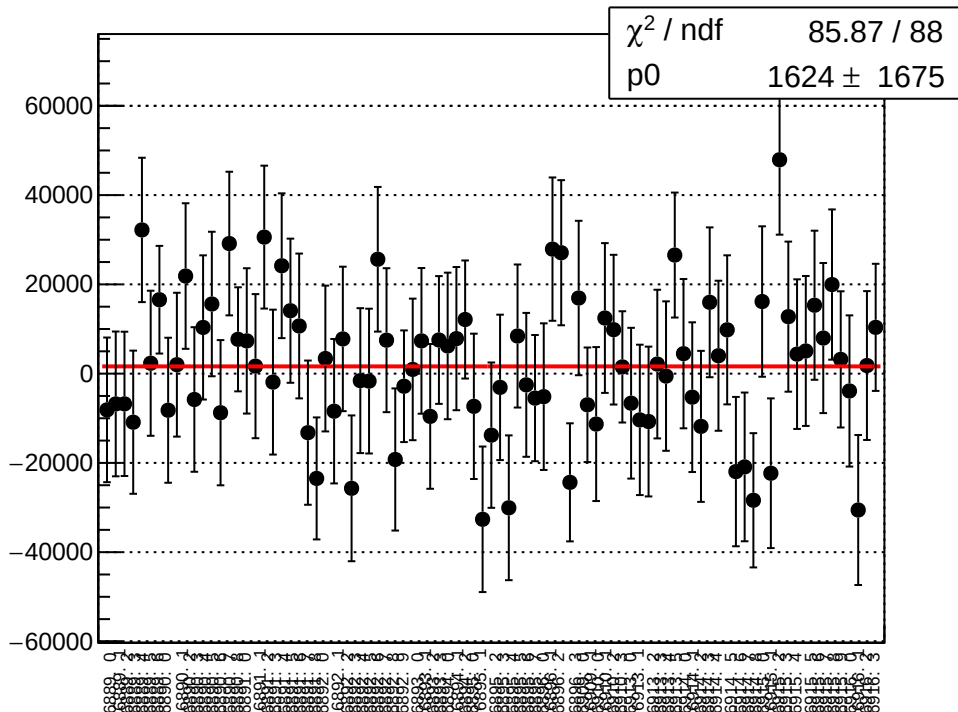
asym_us_dd_at2lr_dd_dd_dit_correction_mean vs run



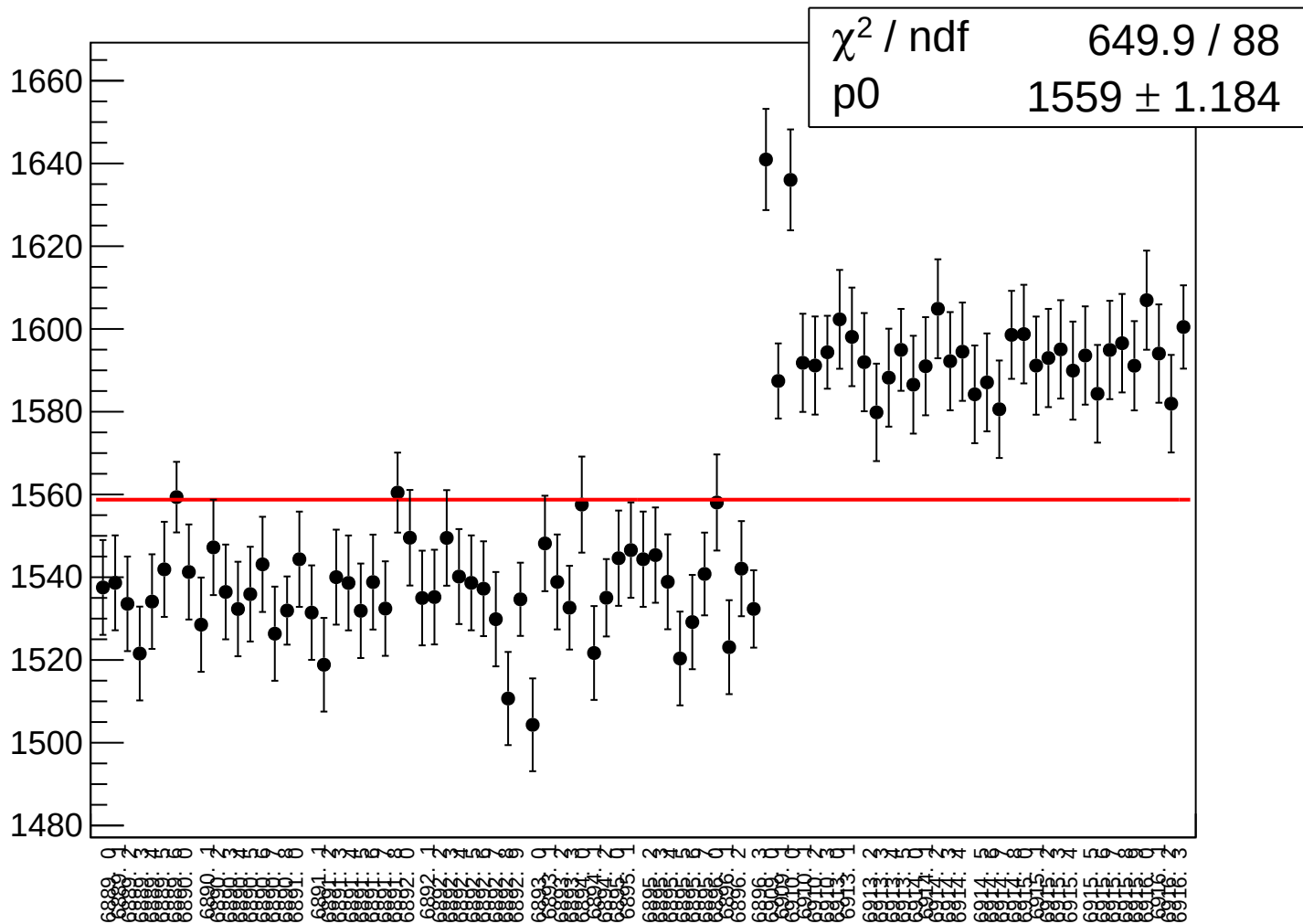
asym_us_dd_at2lr_dd_dd_dit_correction_rms vs run



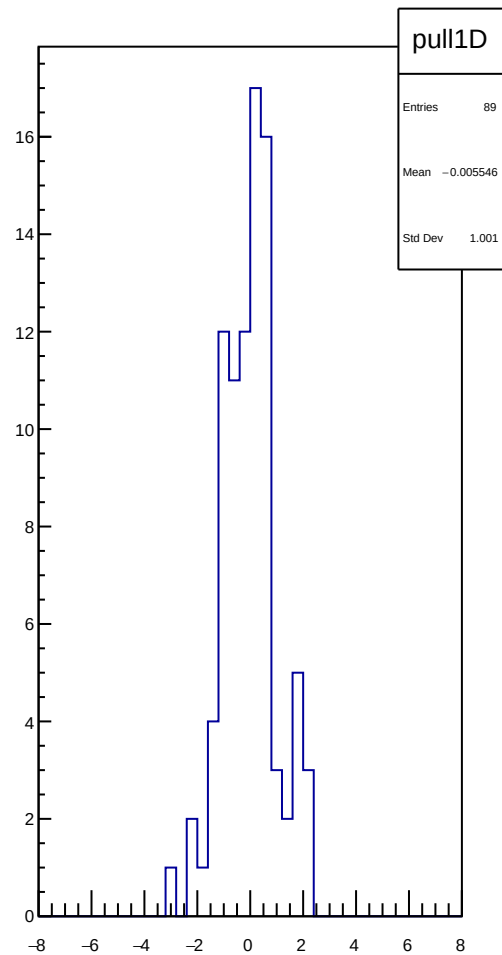
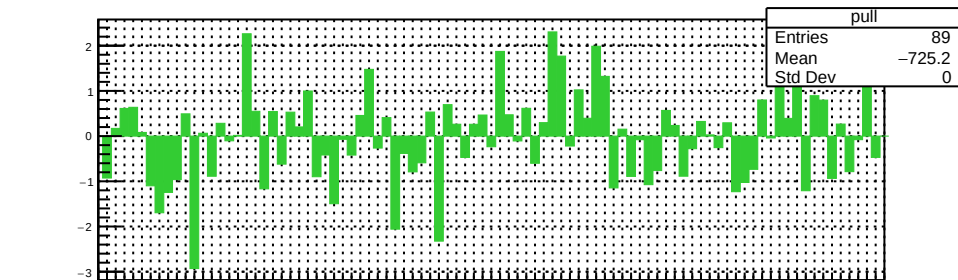
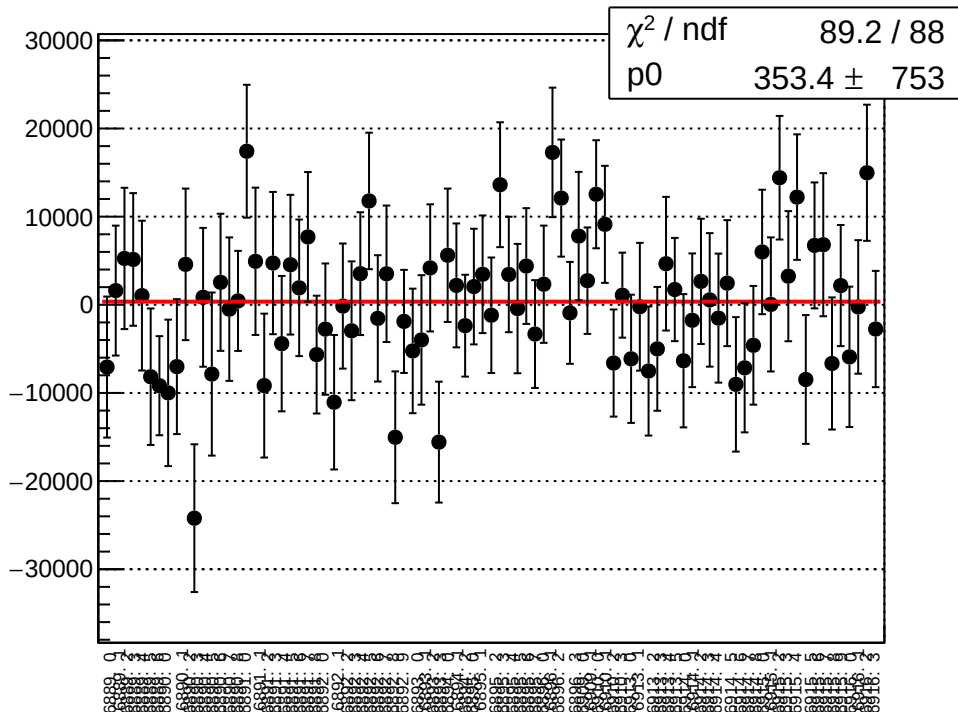
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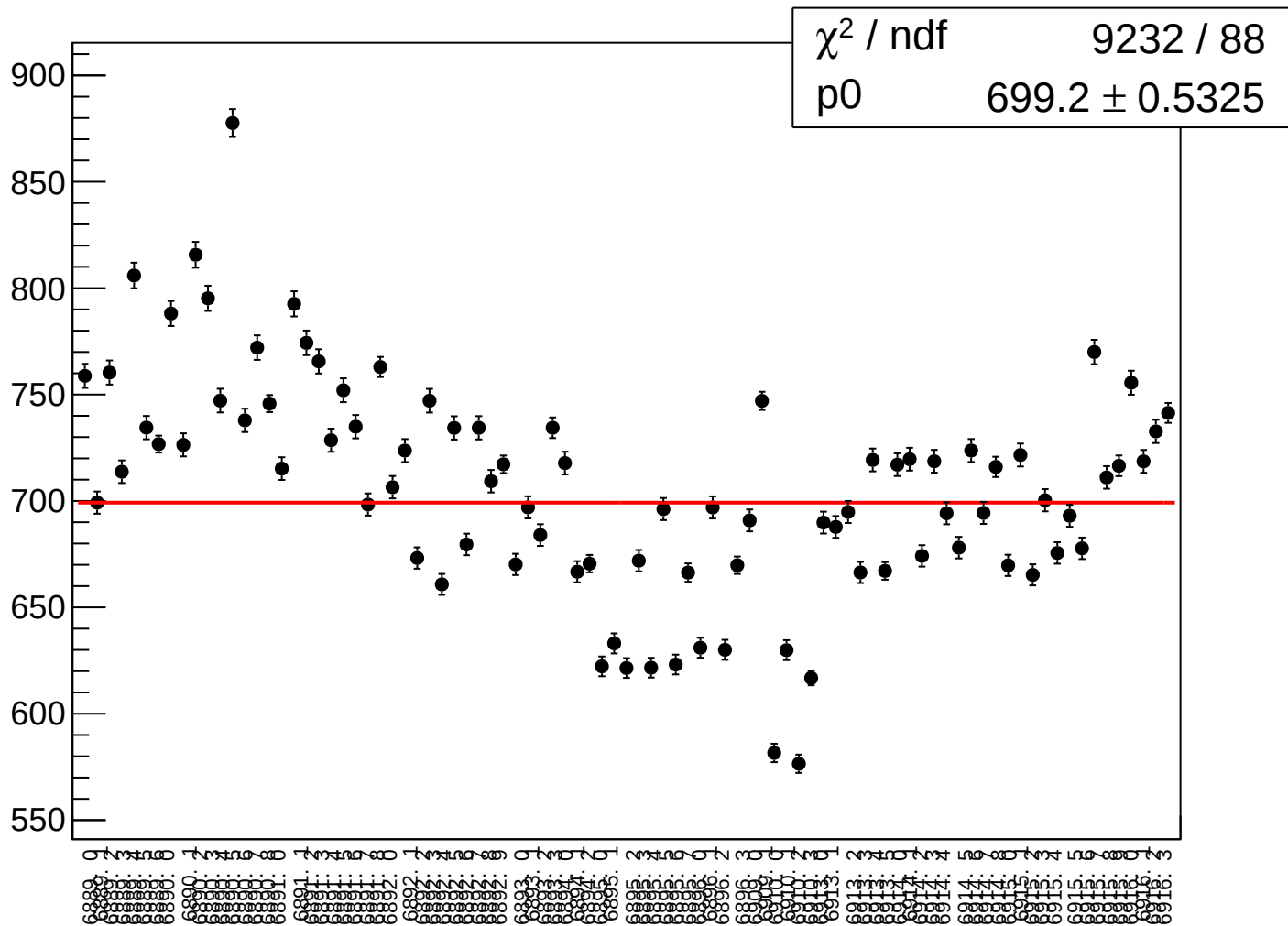
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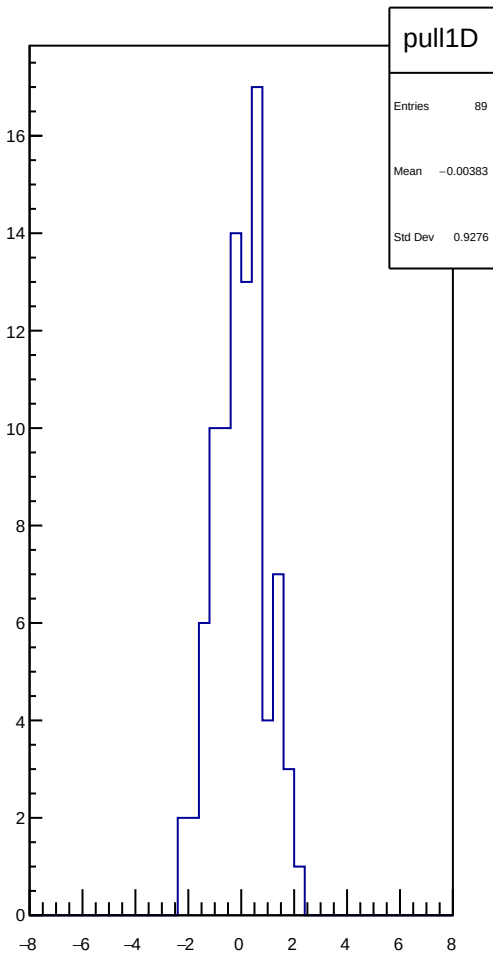
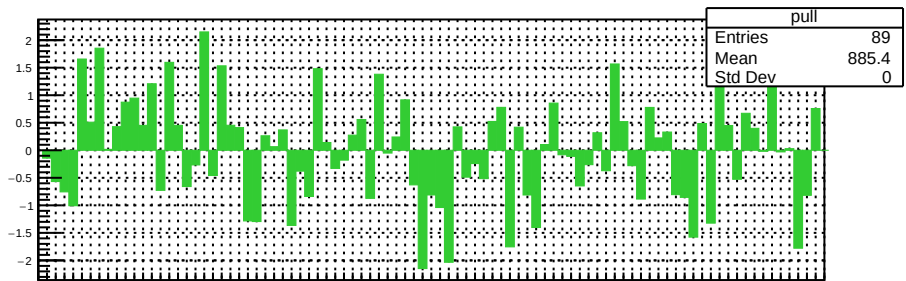
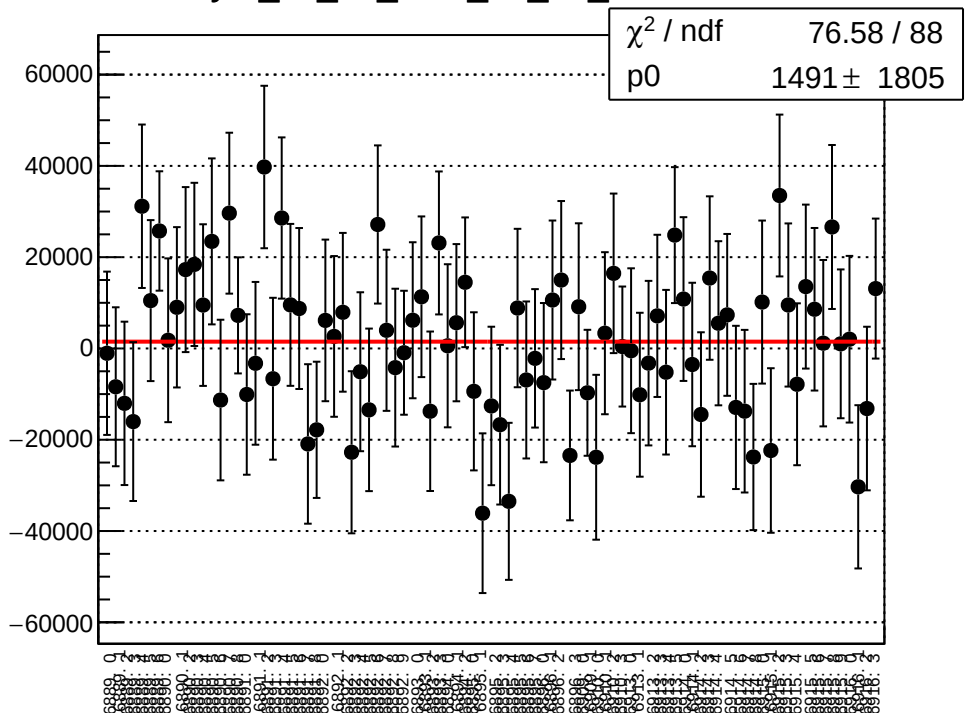
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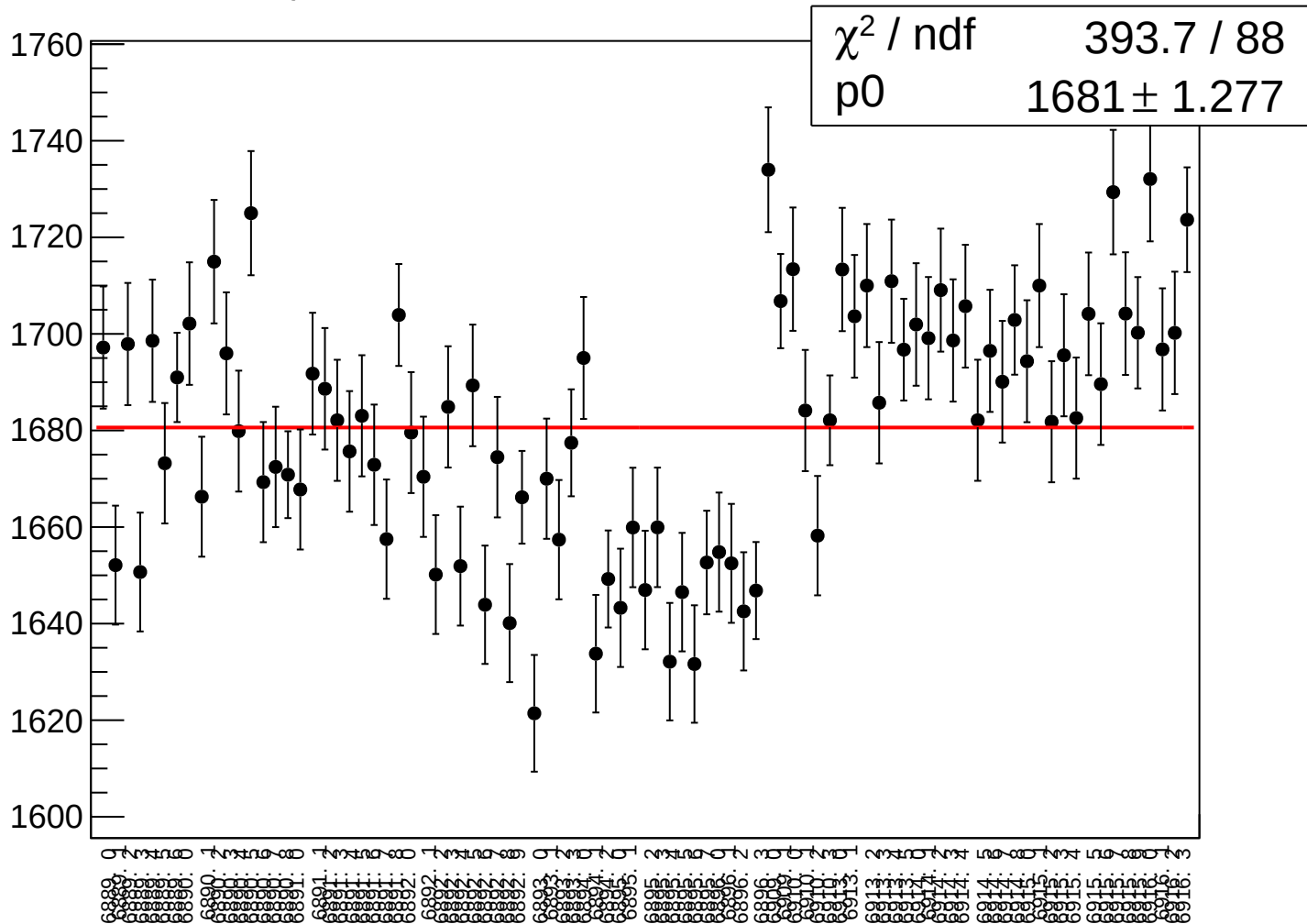
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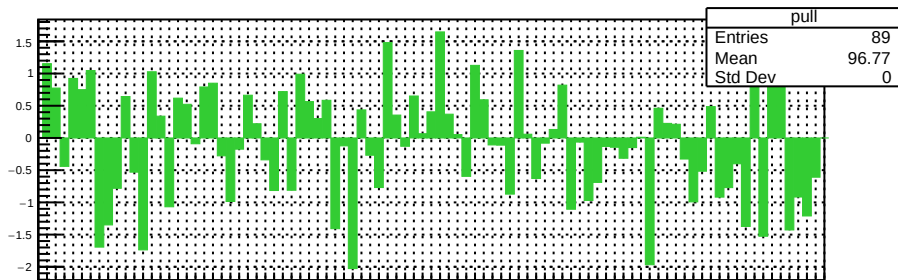
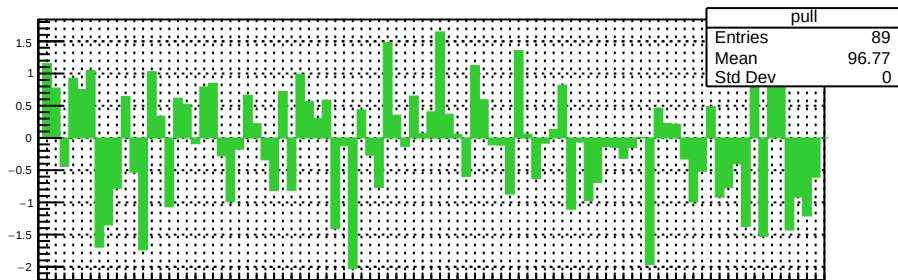
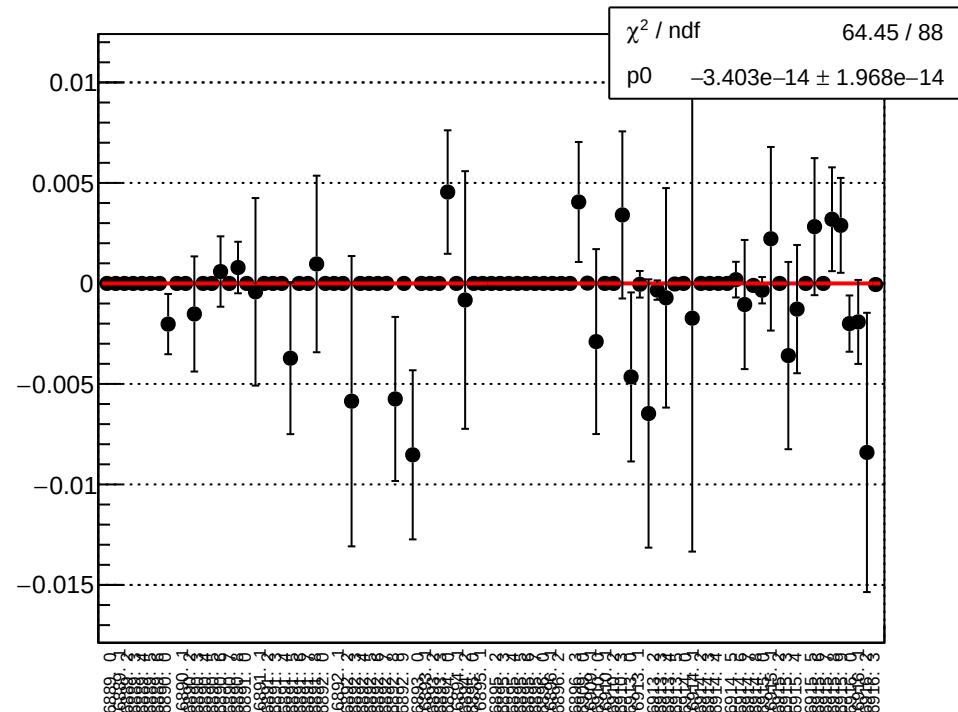
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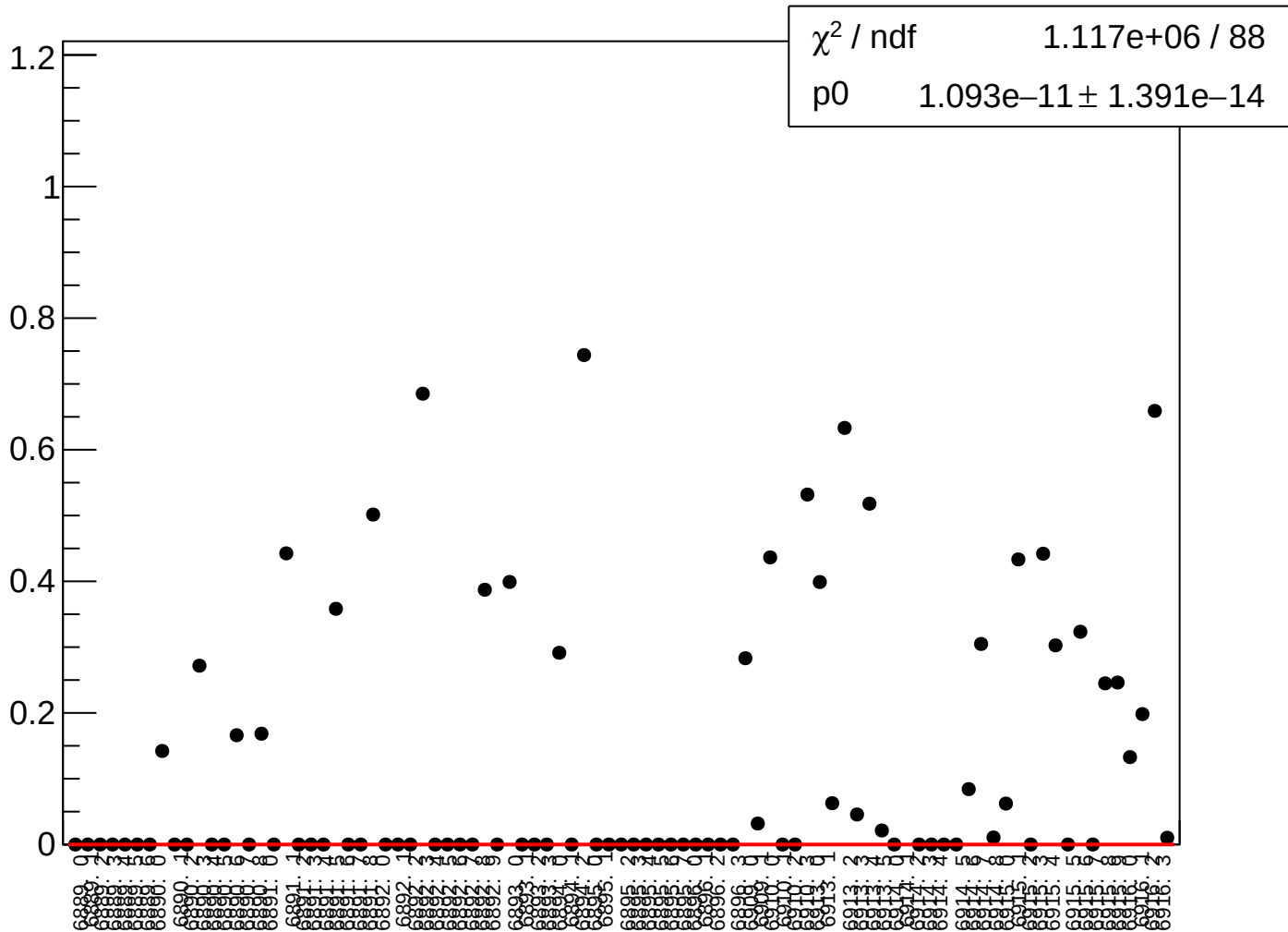
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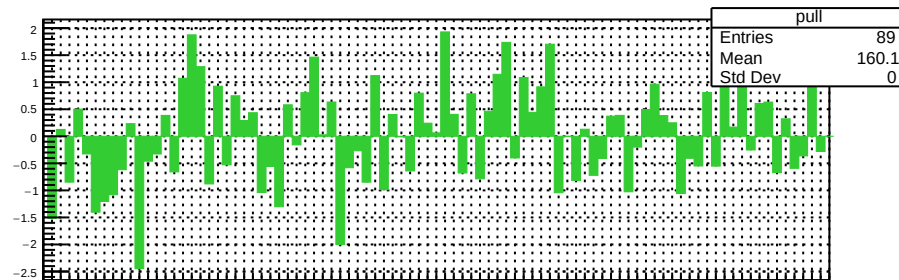
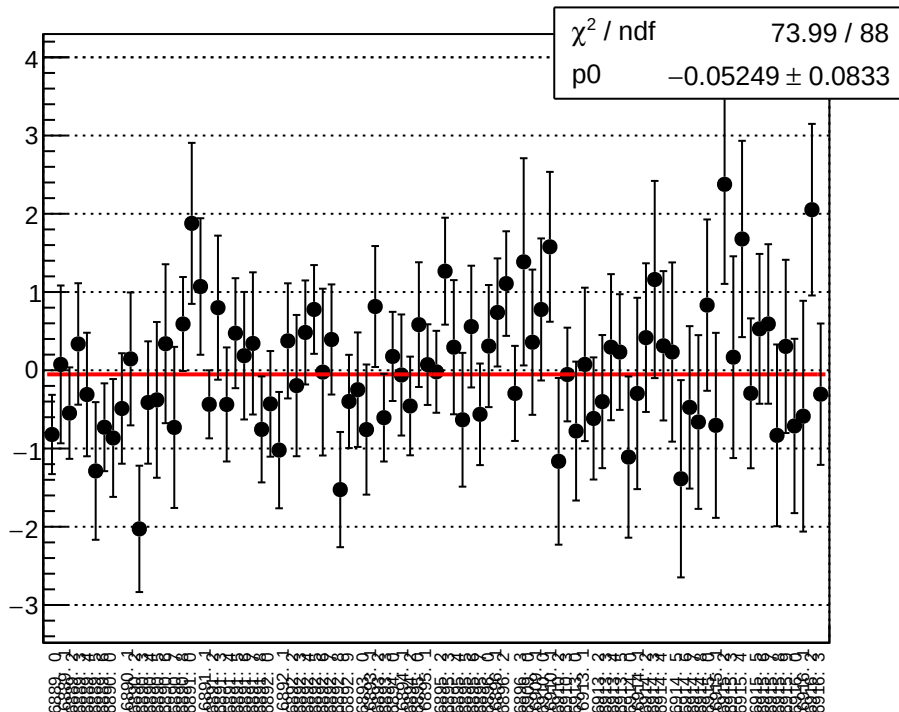
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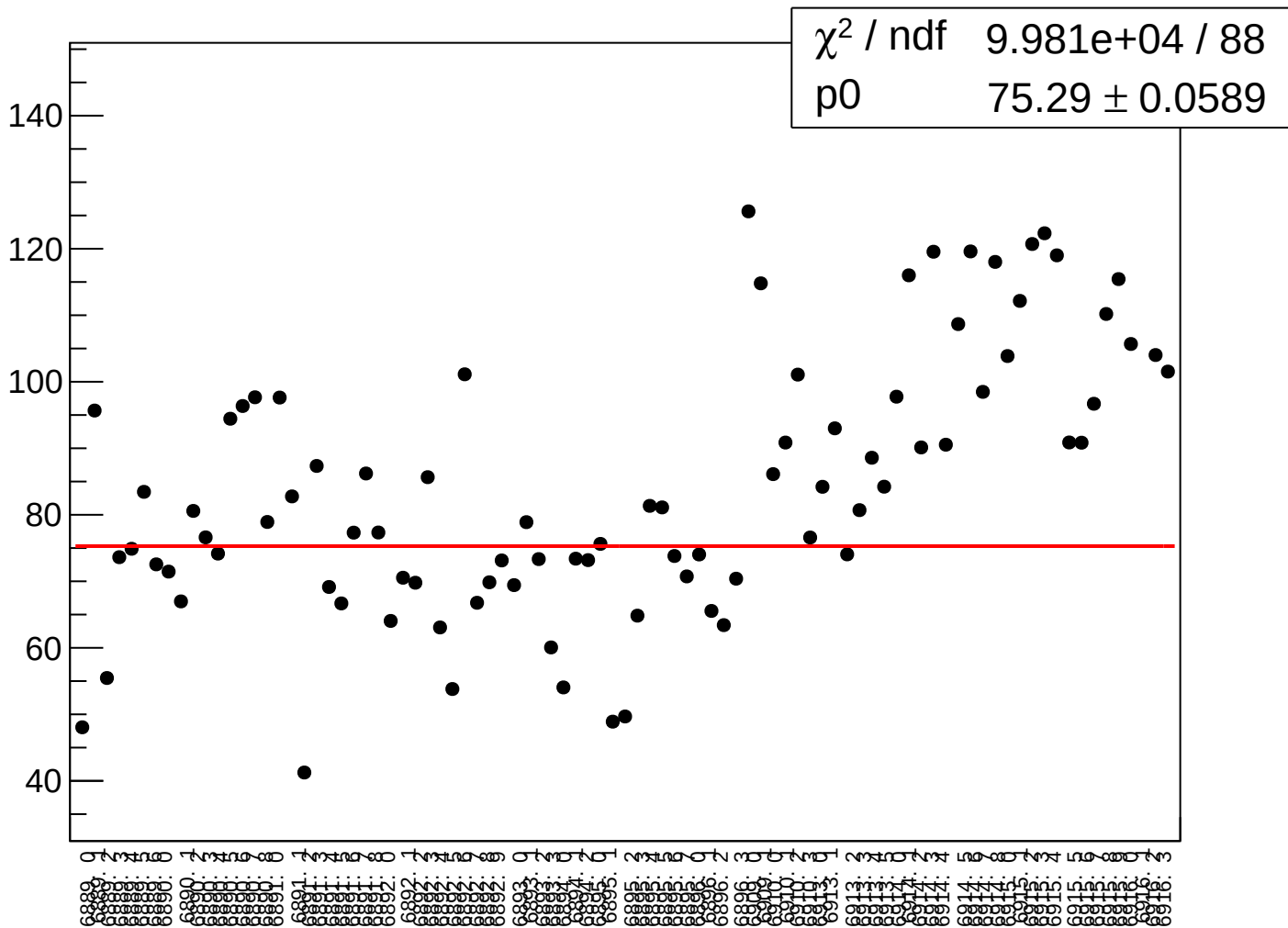
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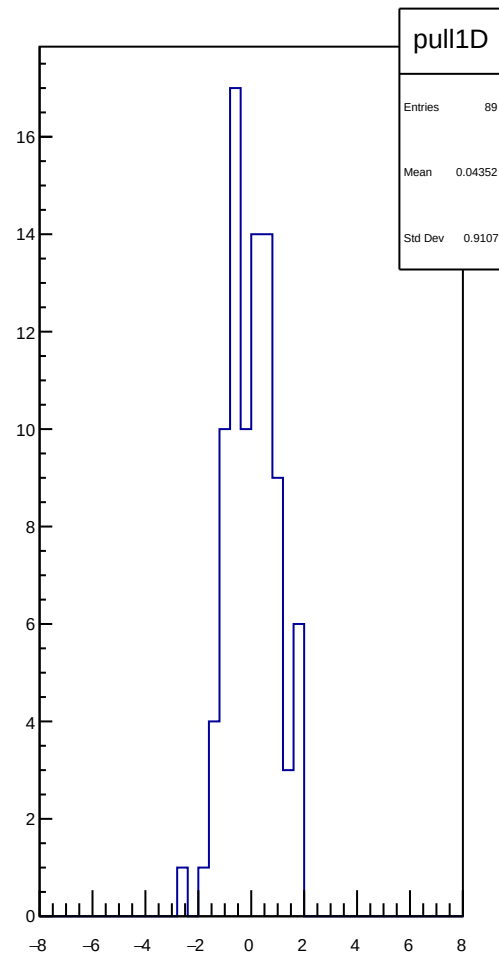
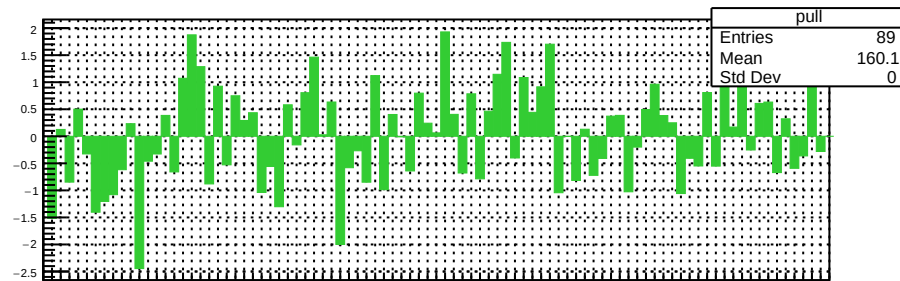
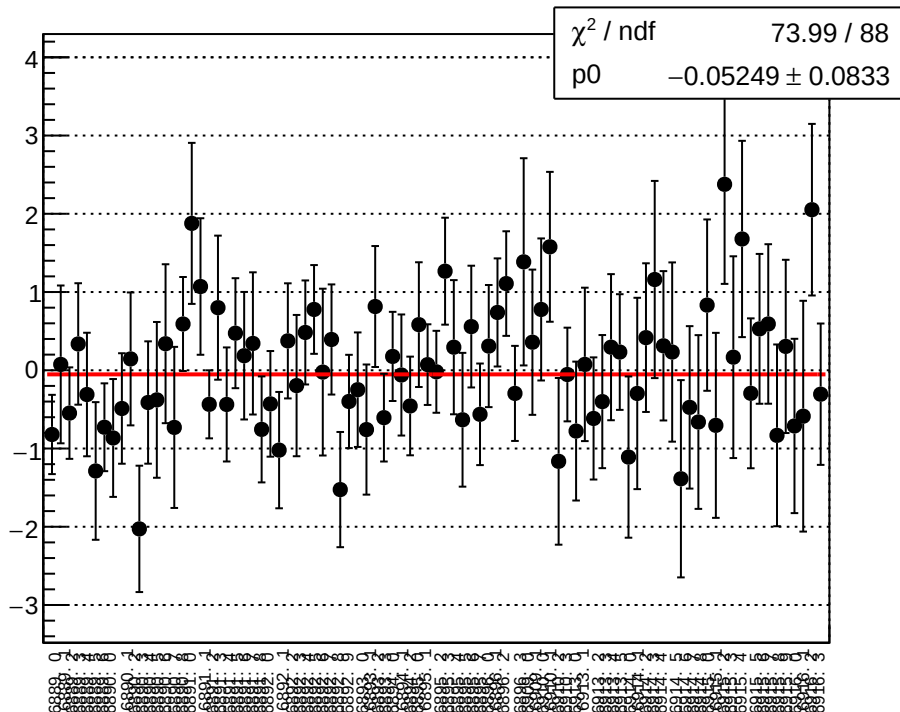
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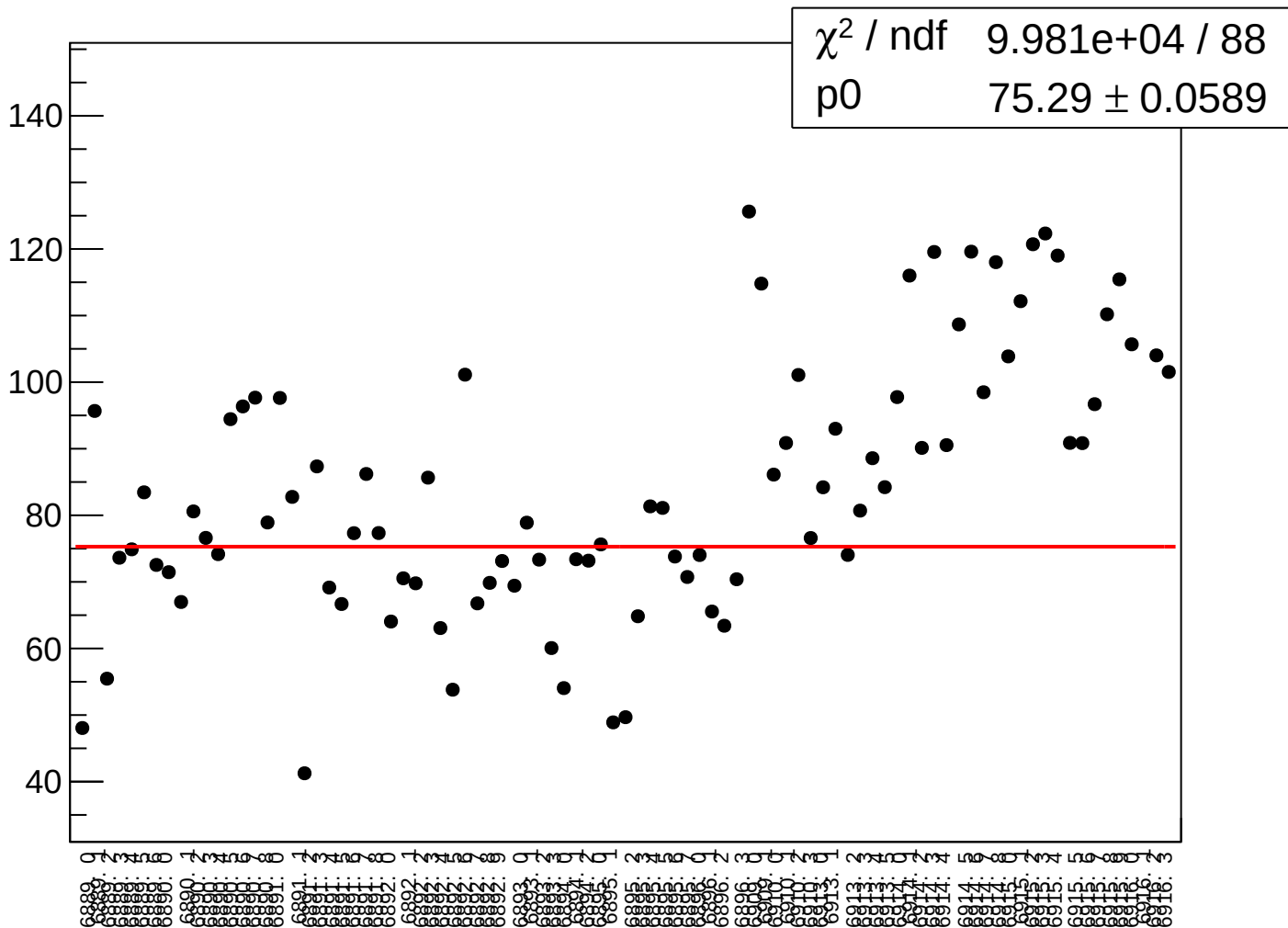
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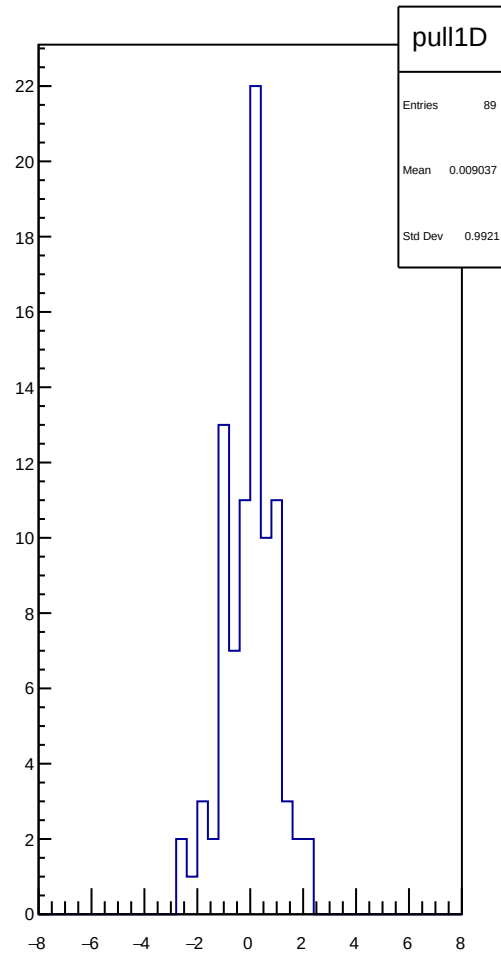
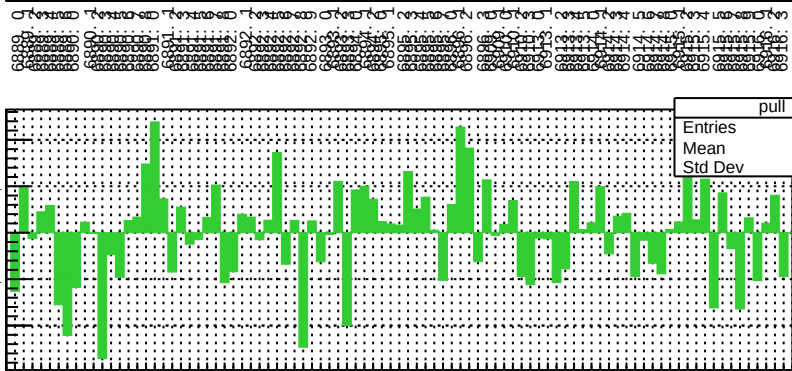
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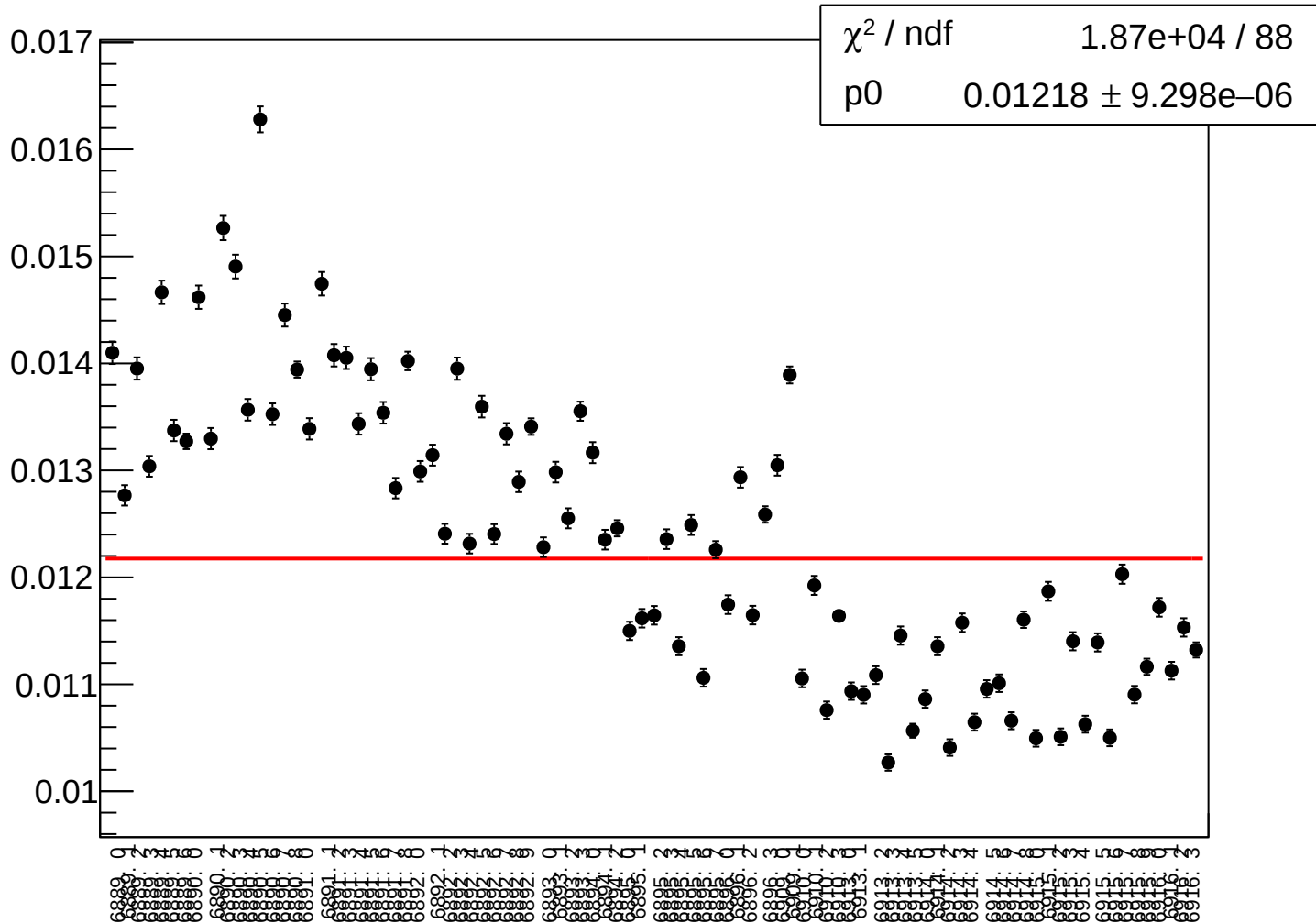
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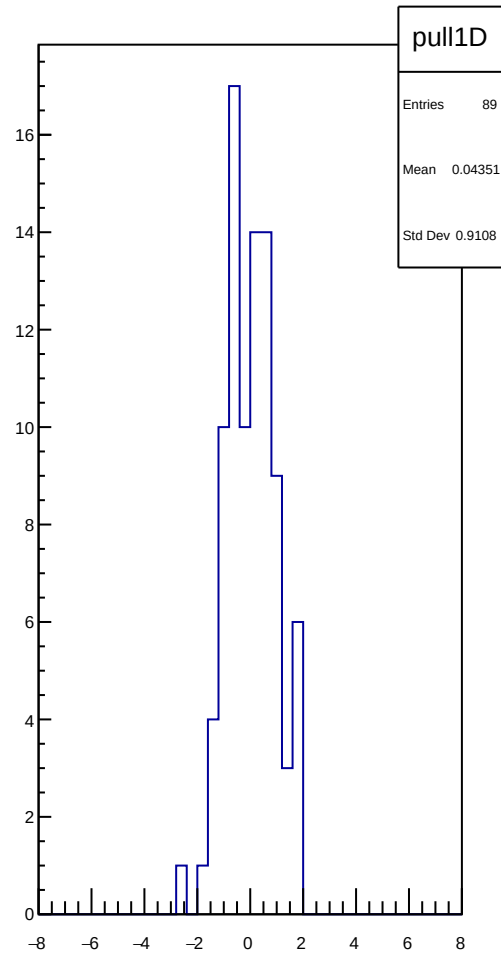
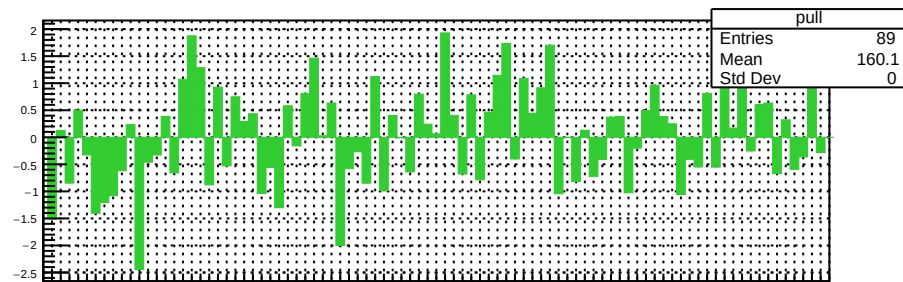
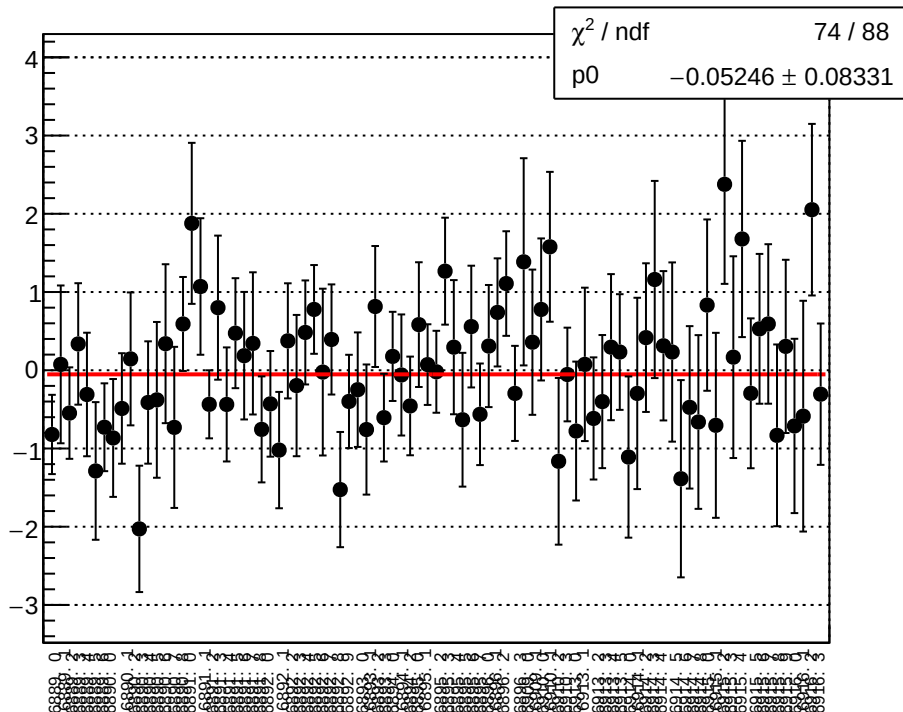
χ^2 / ndf 87.6
 p_0 $1.34\text{e-}05 \pm 1.31\text{e-}05$



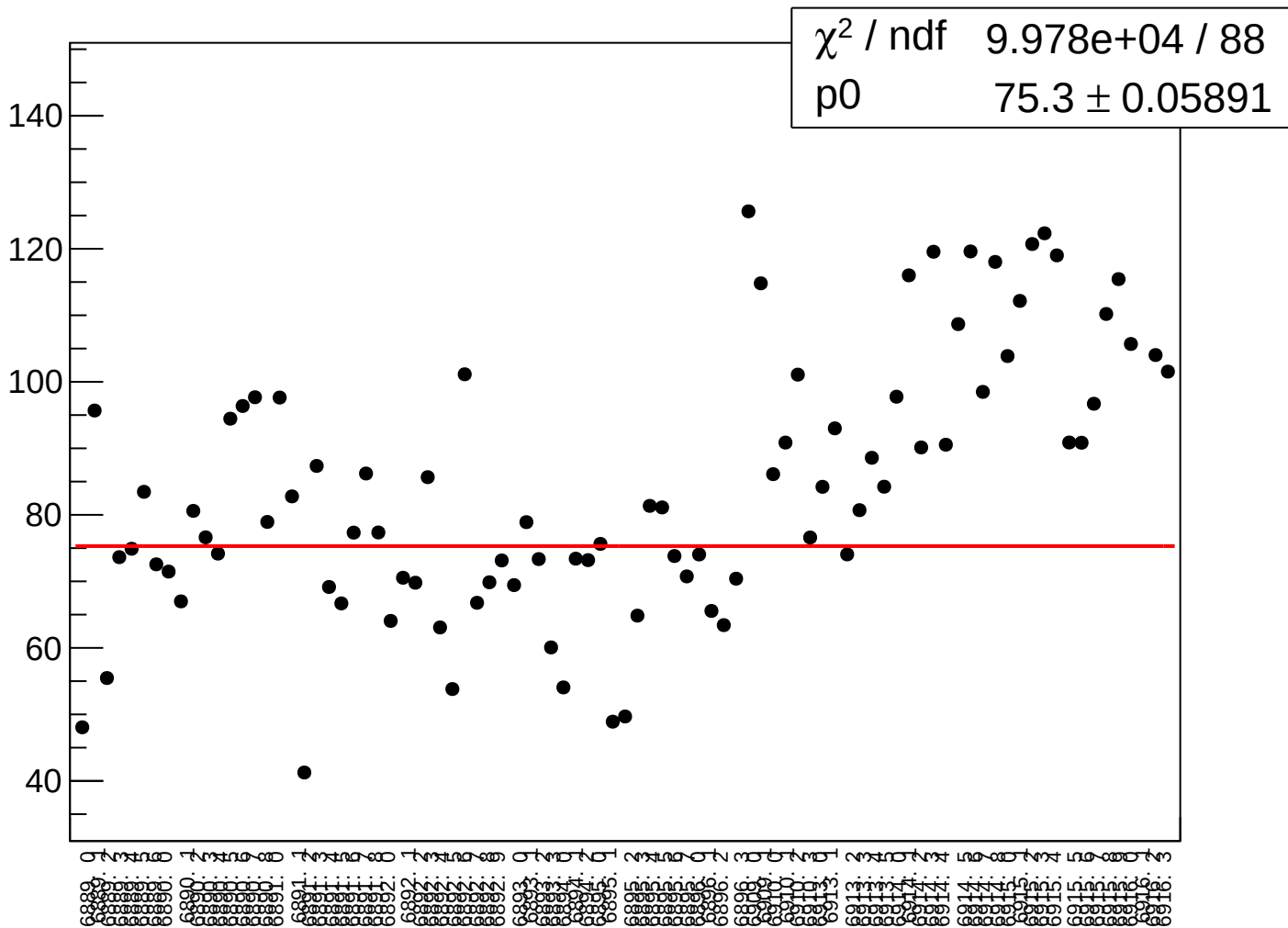
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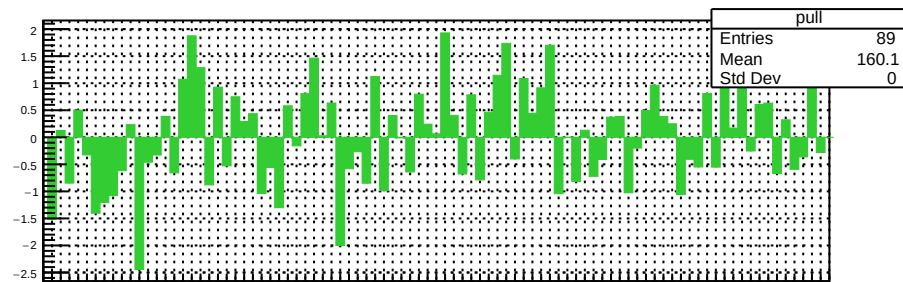
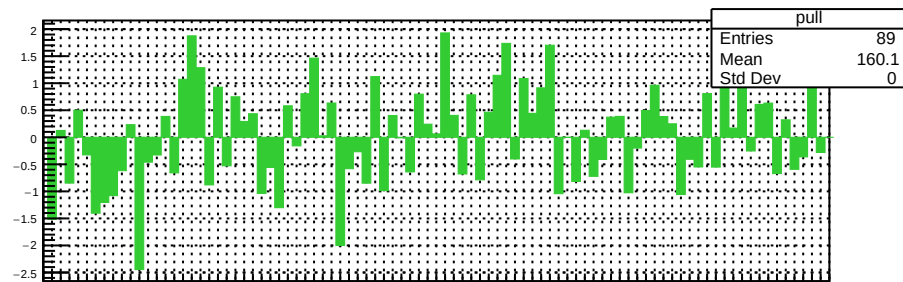
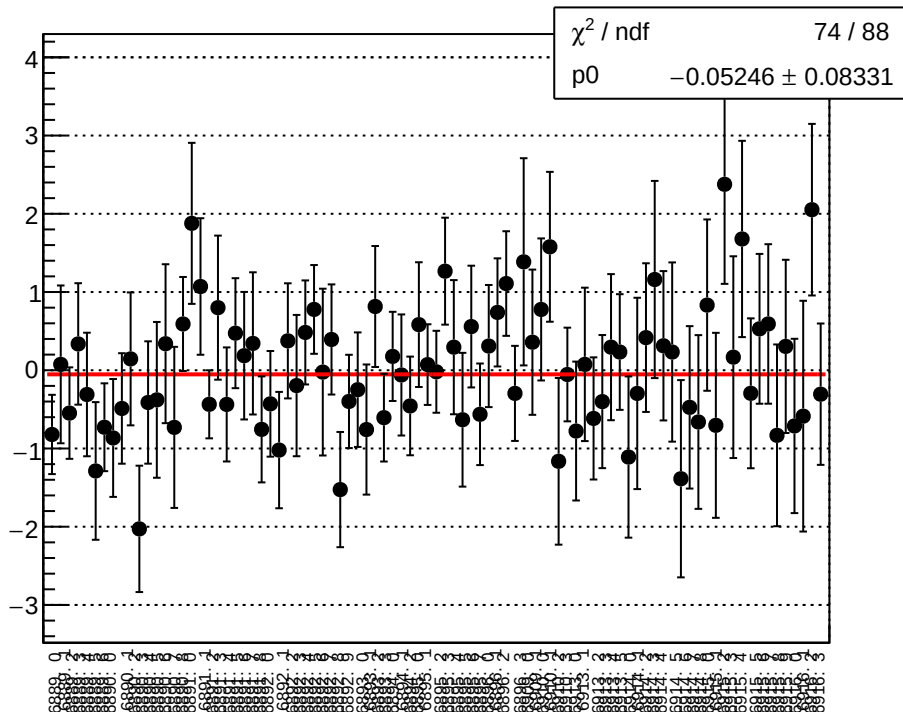
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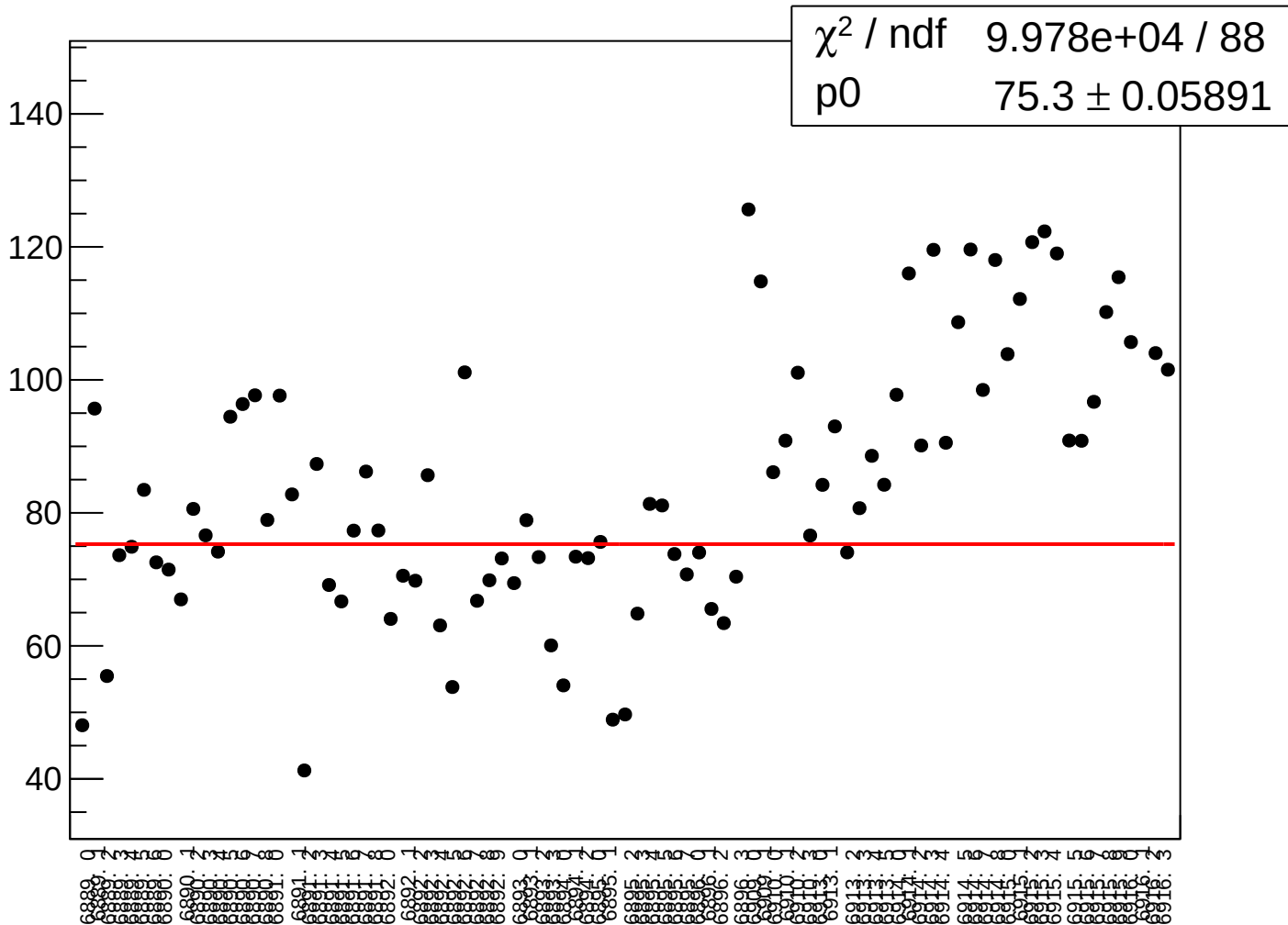
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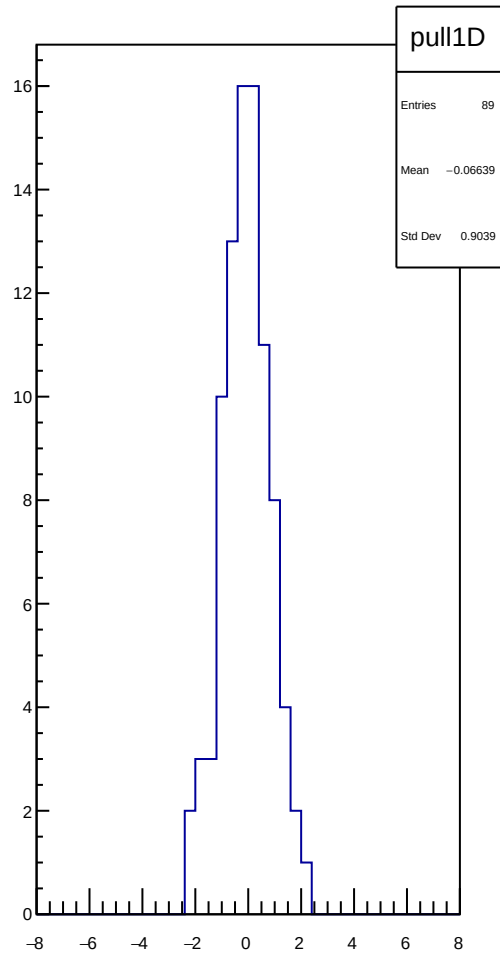
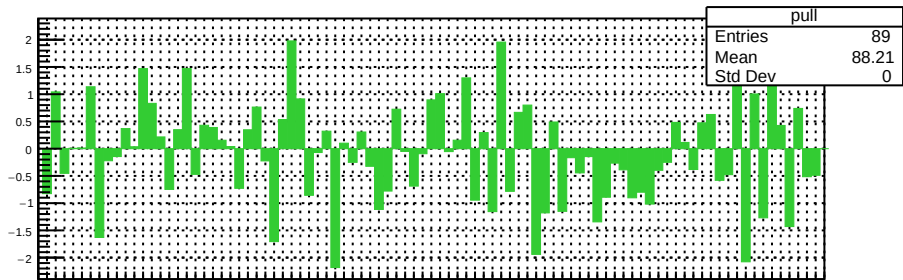
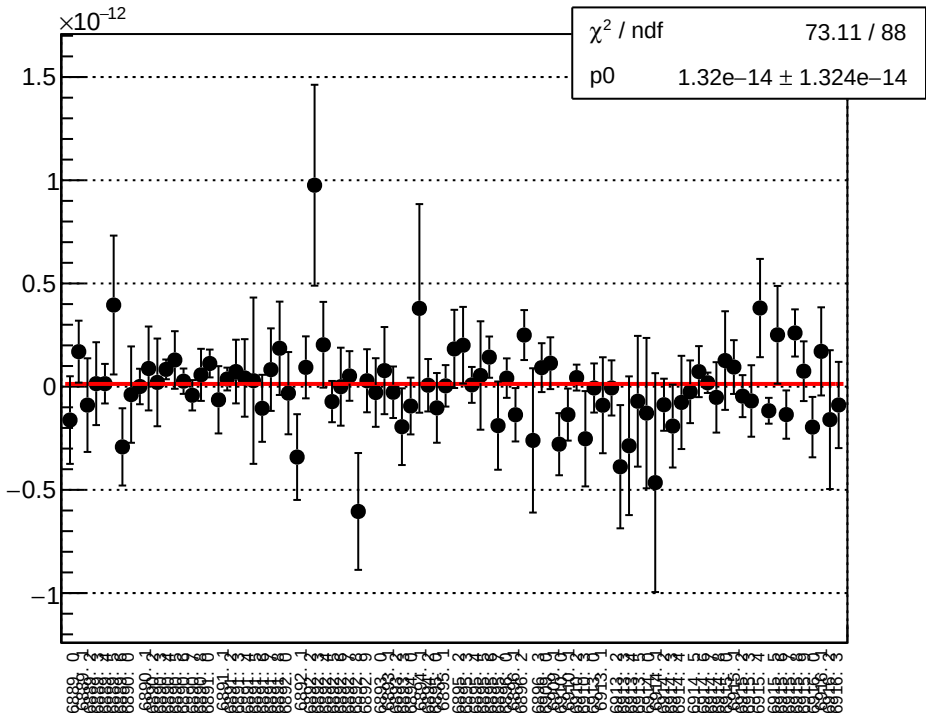
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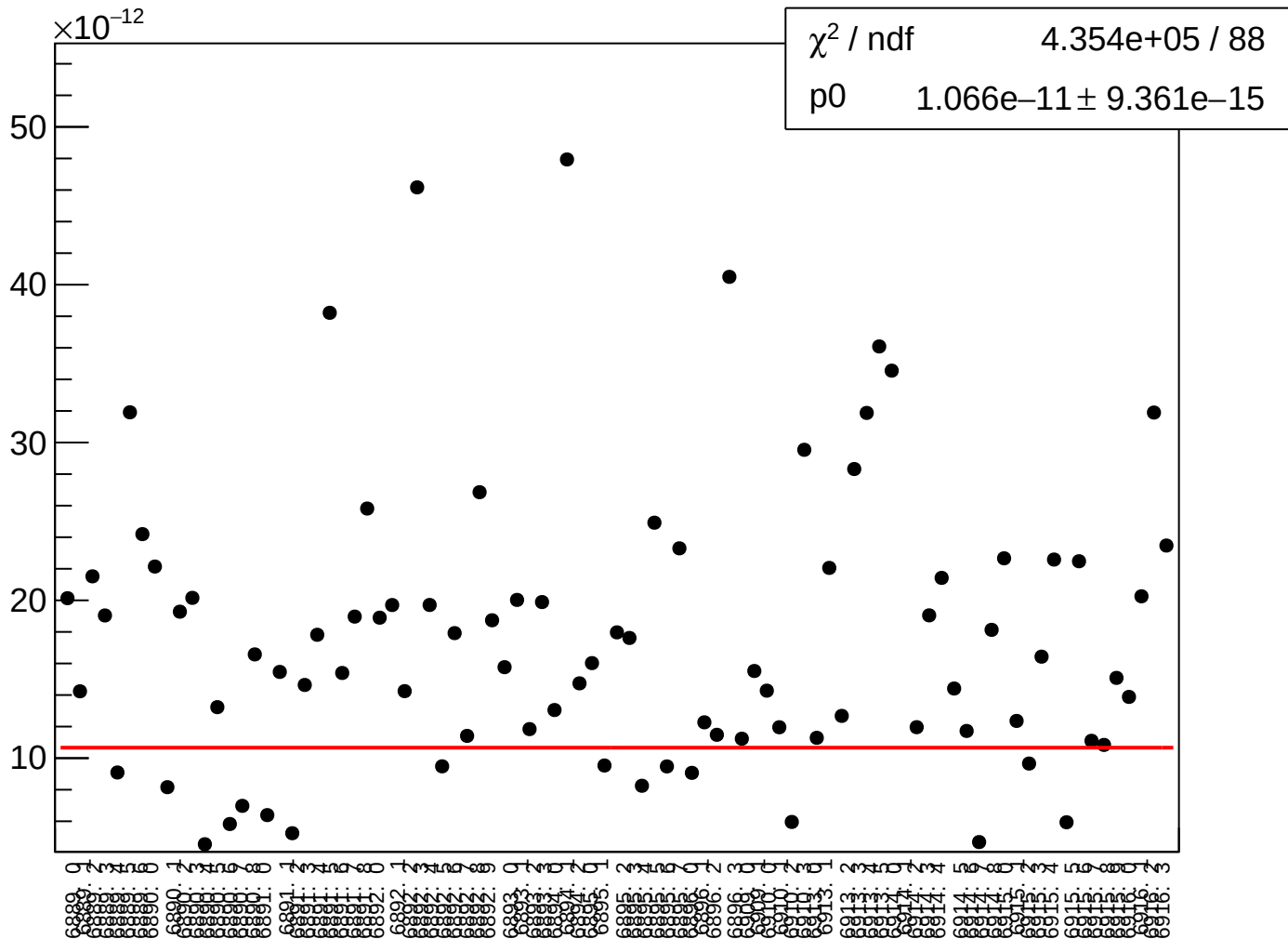
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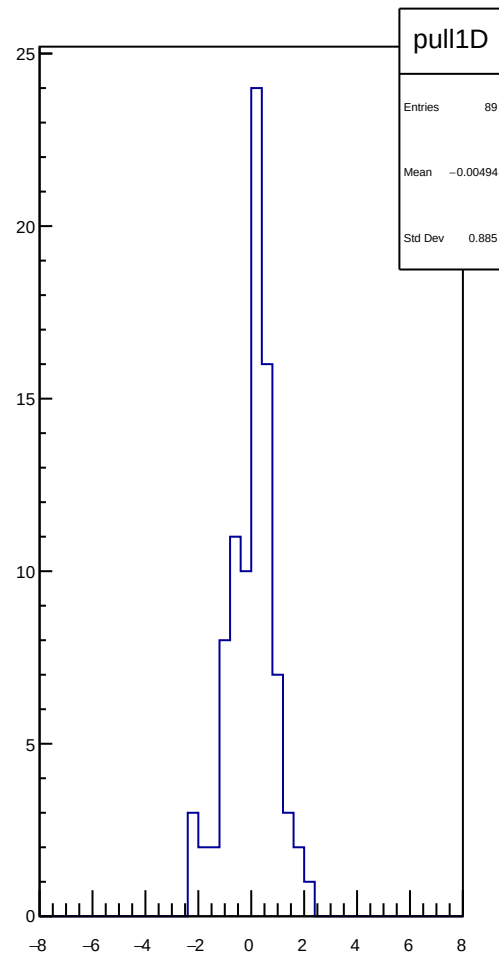
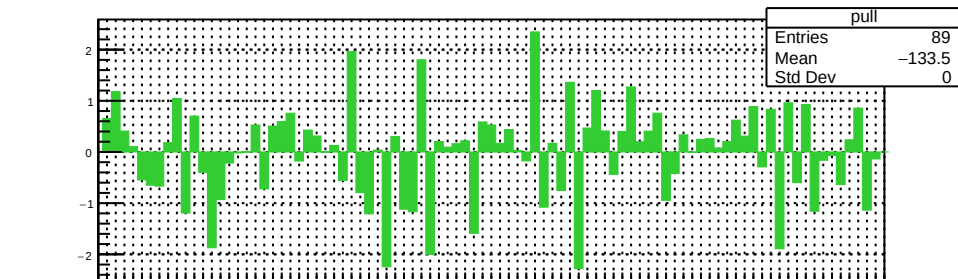
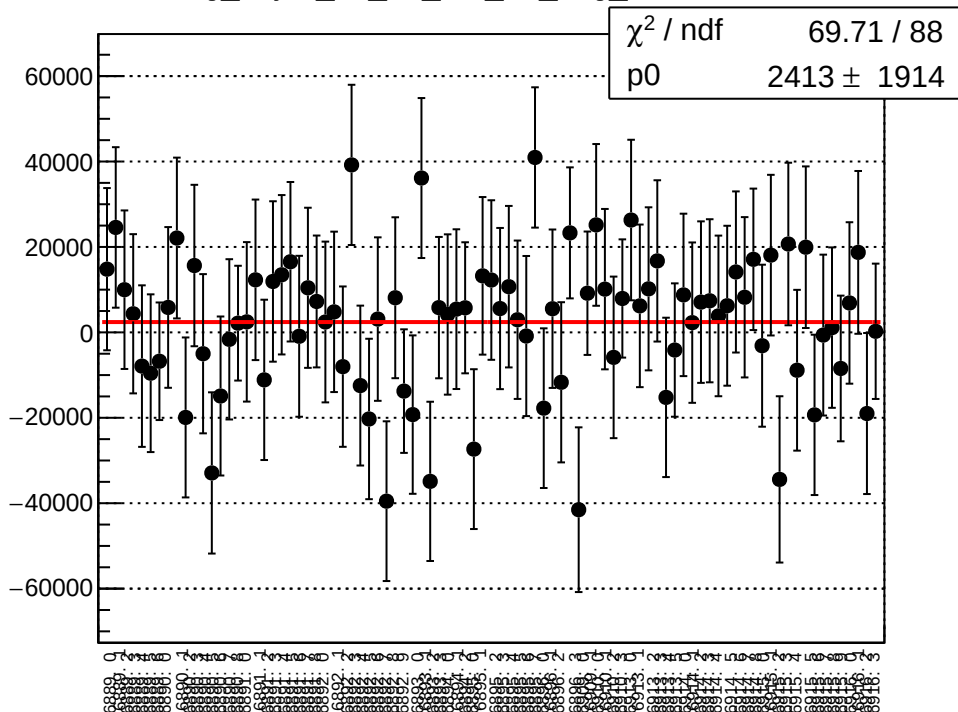
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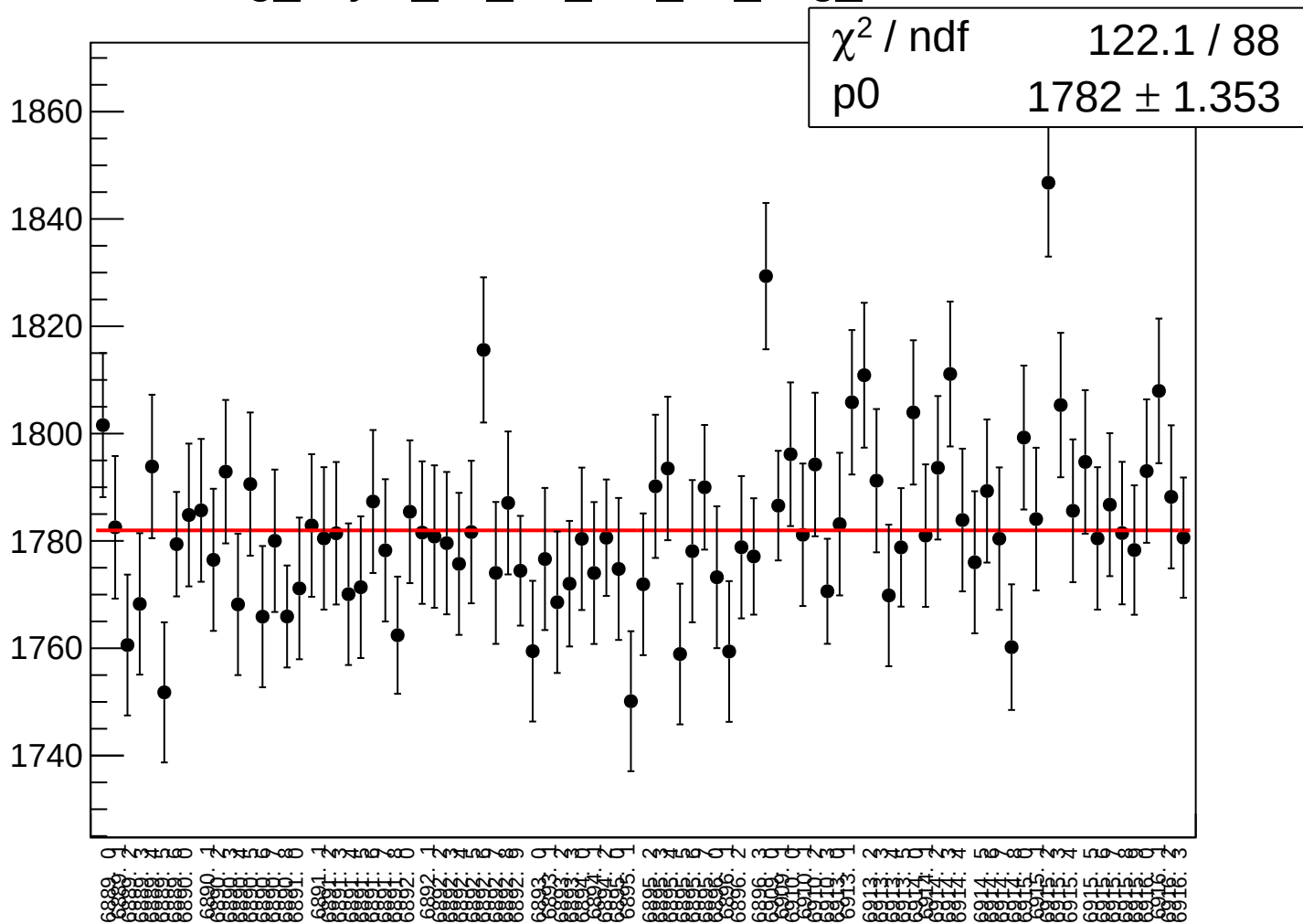
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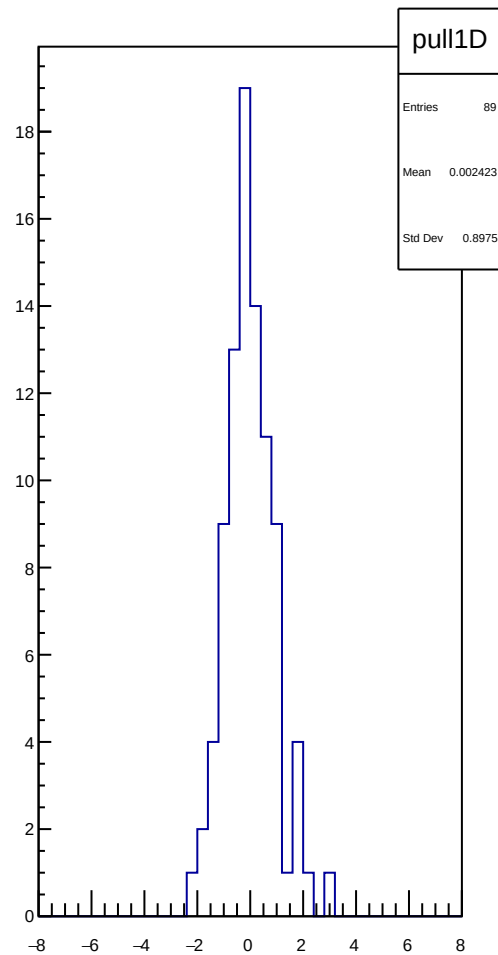
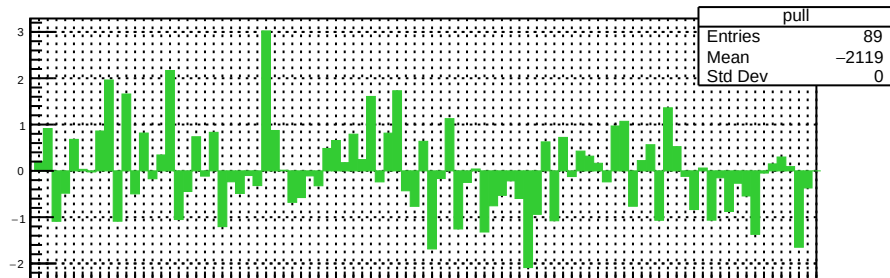
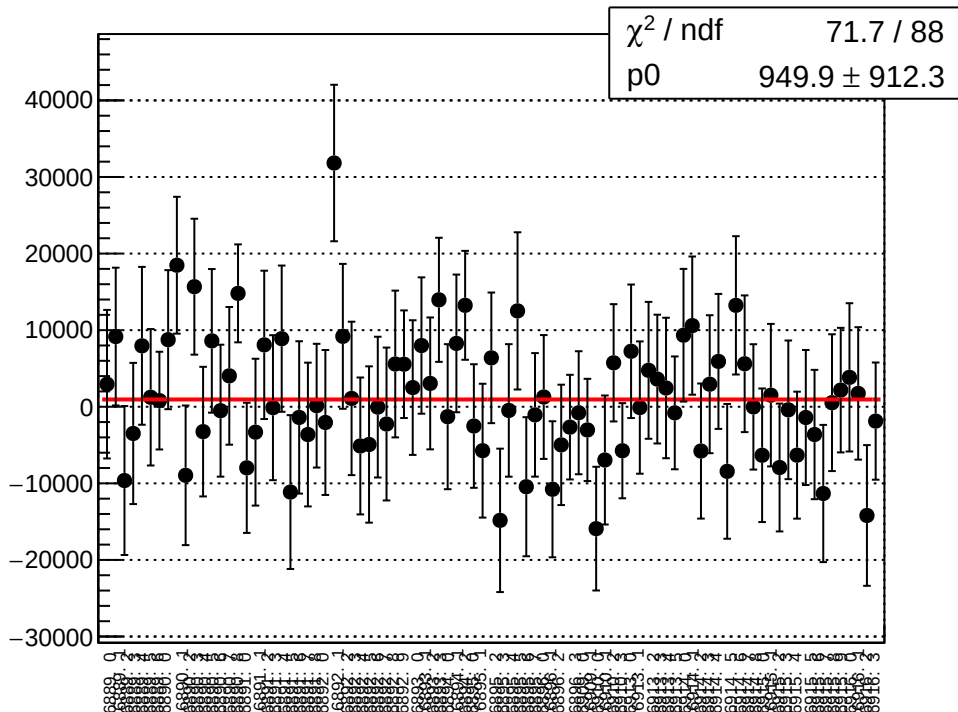
reg_asym_us_dd_atlr_dd_avg_mean vs run



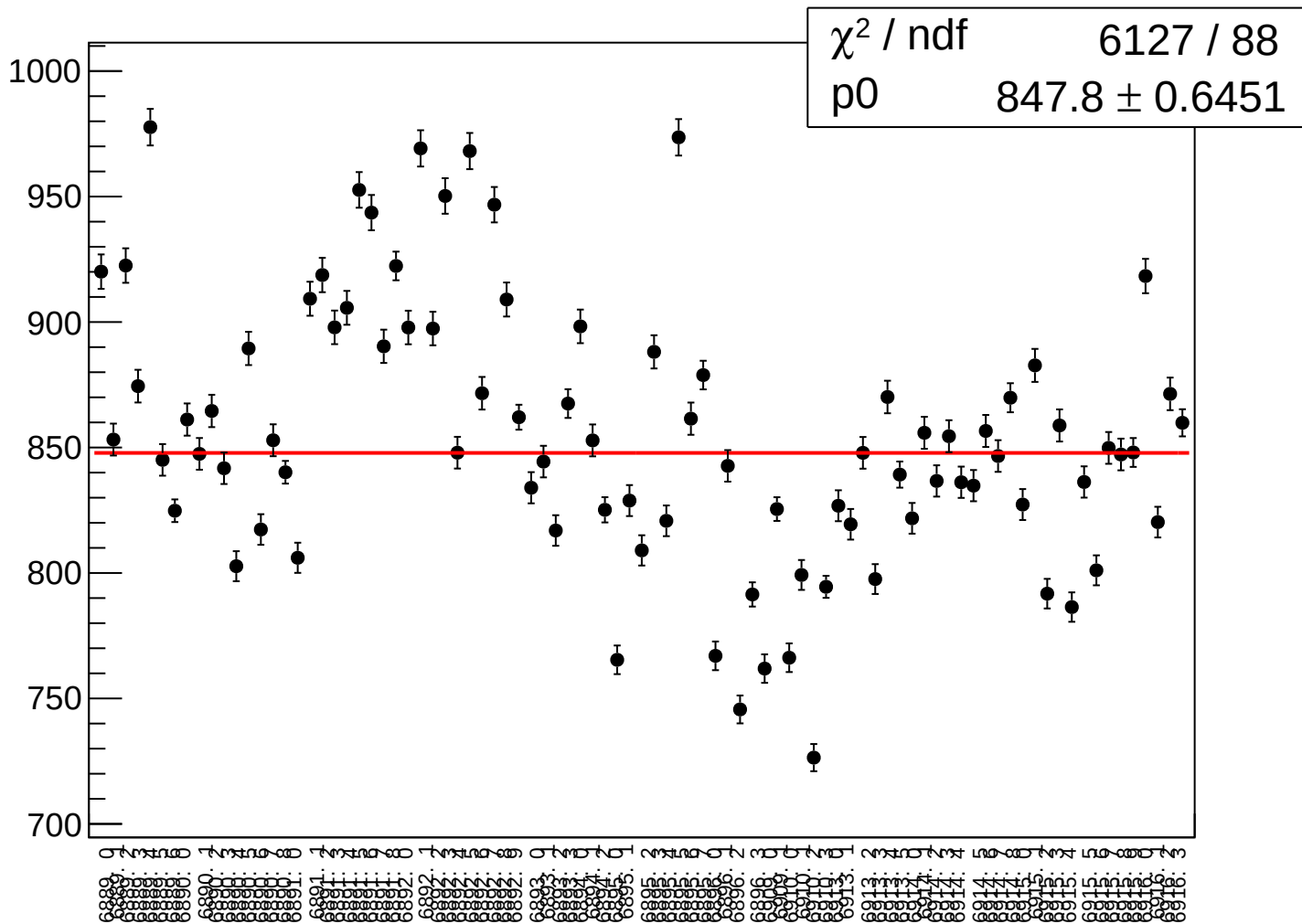
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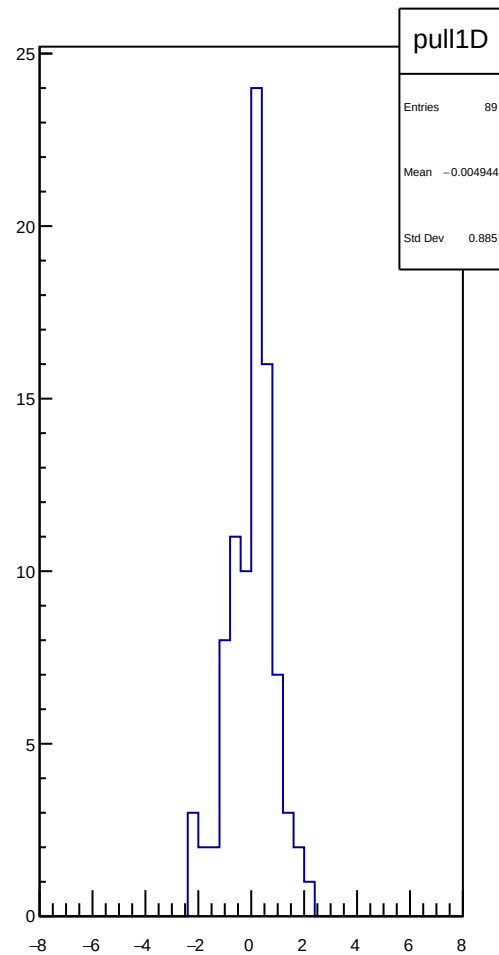
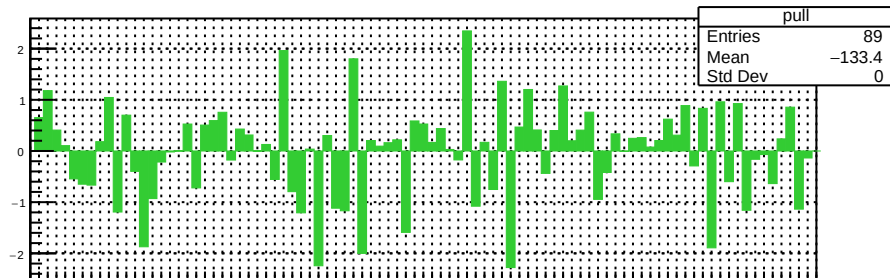
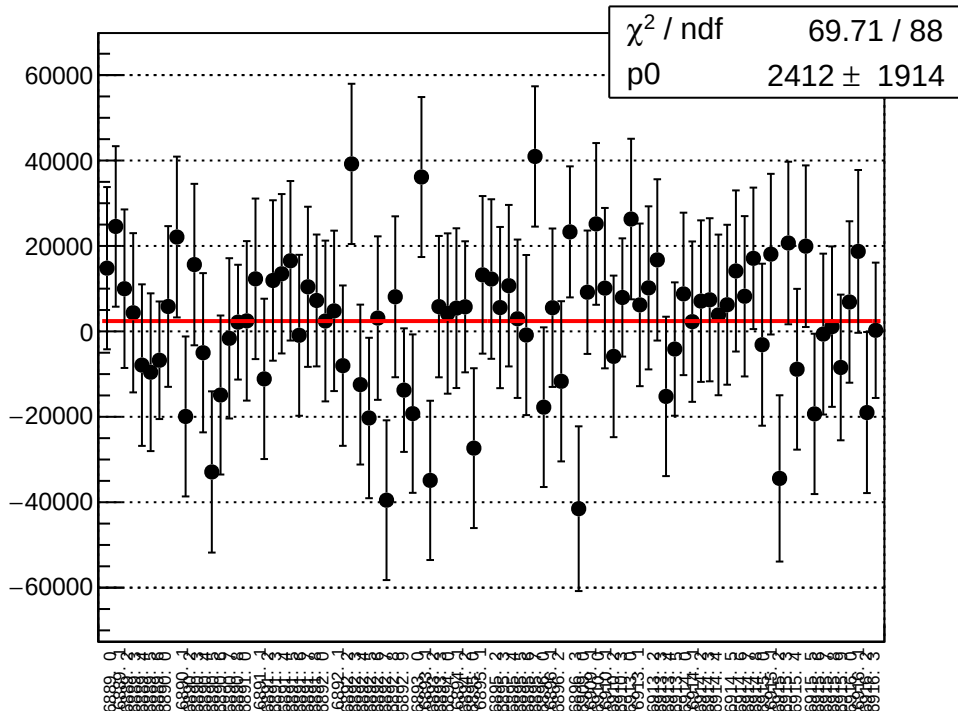
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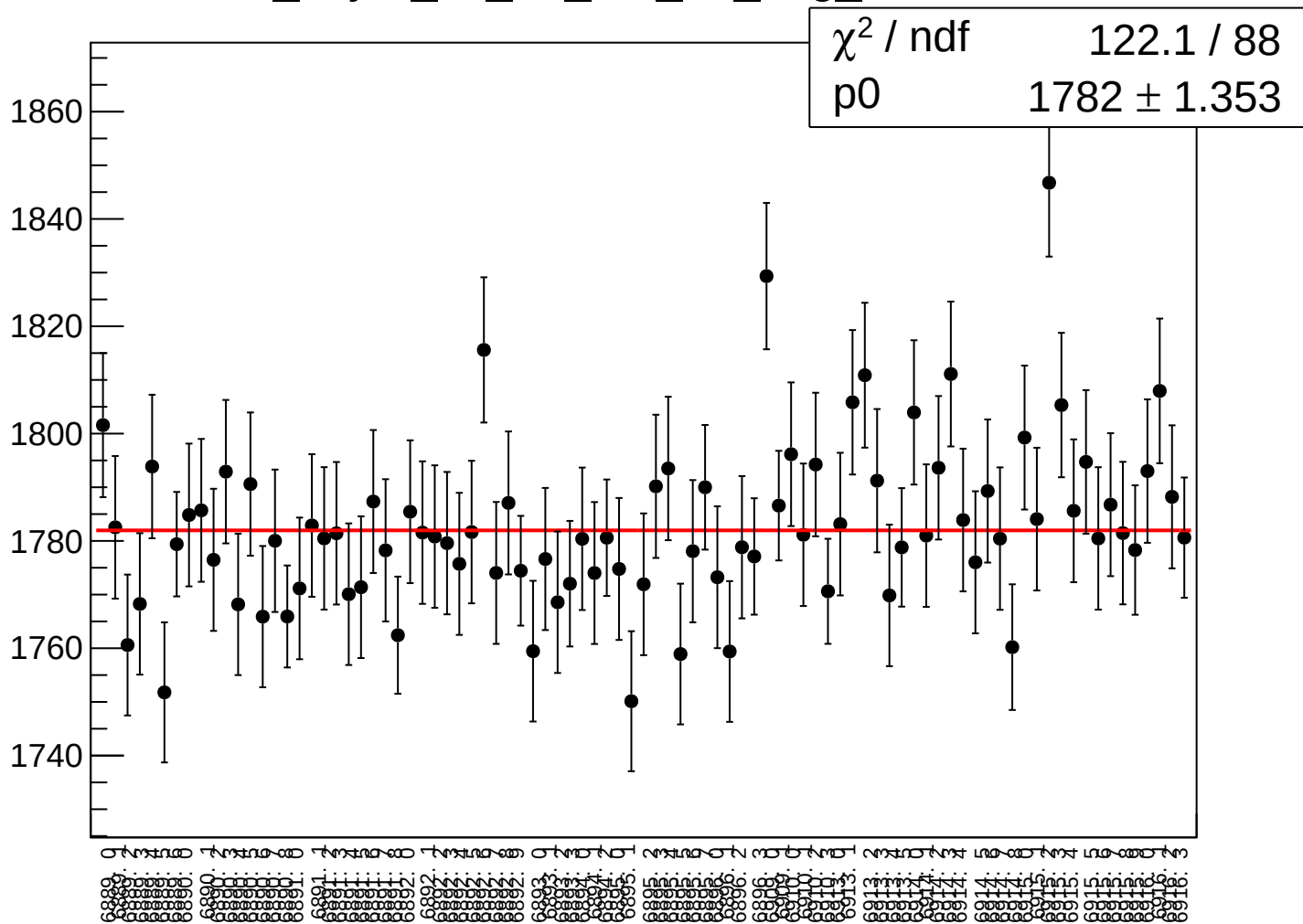
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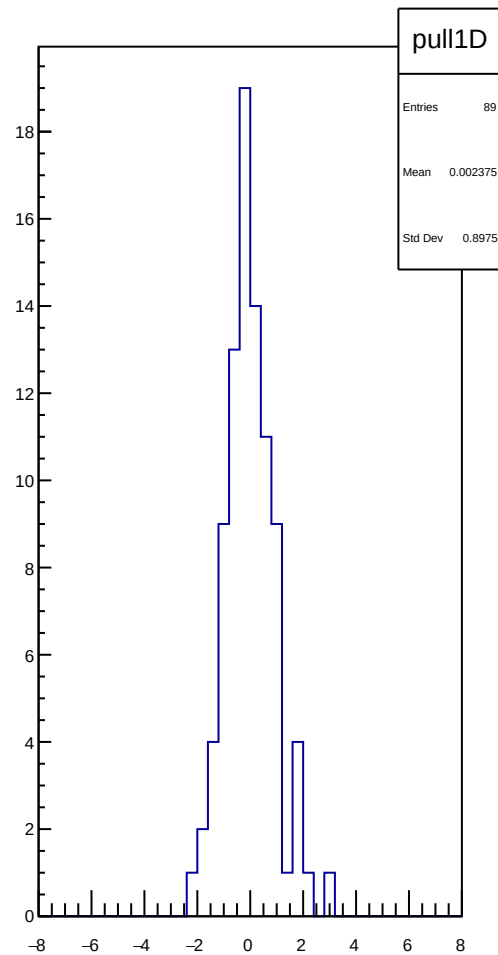
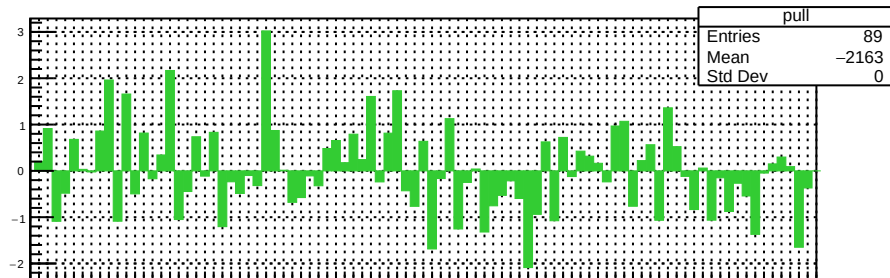
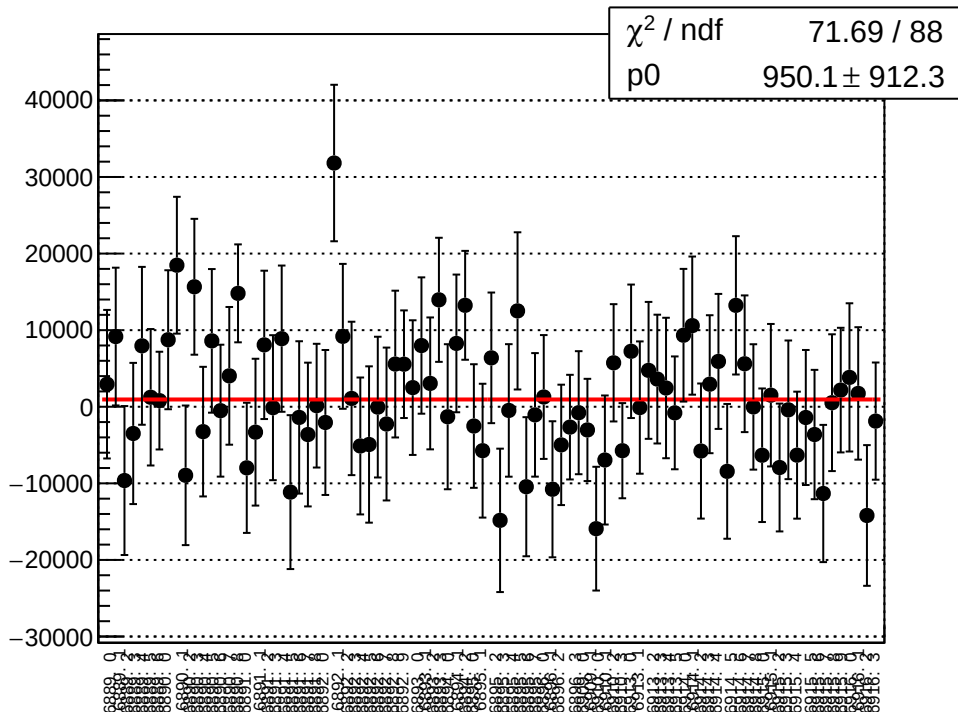
cor_asym_us_dd_atlr_dd_avg_mean vs run



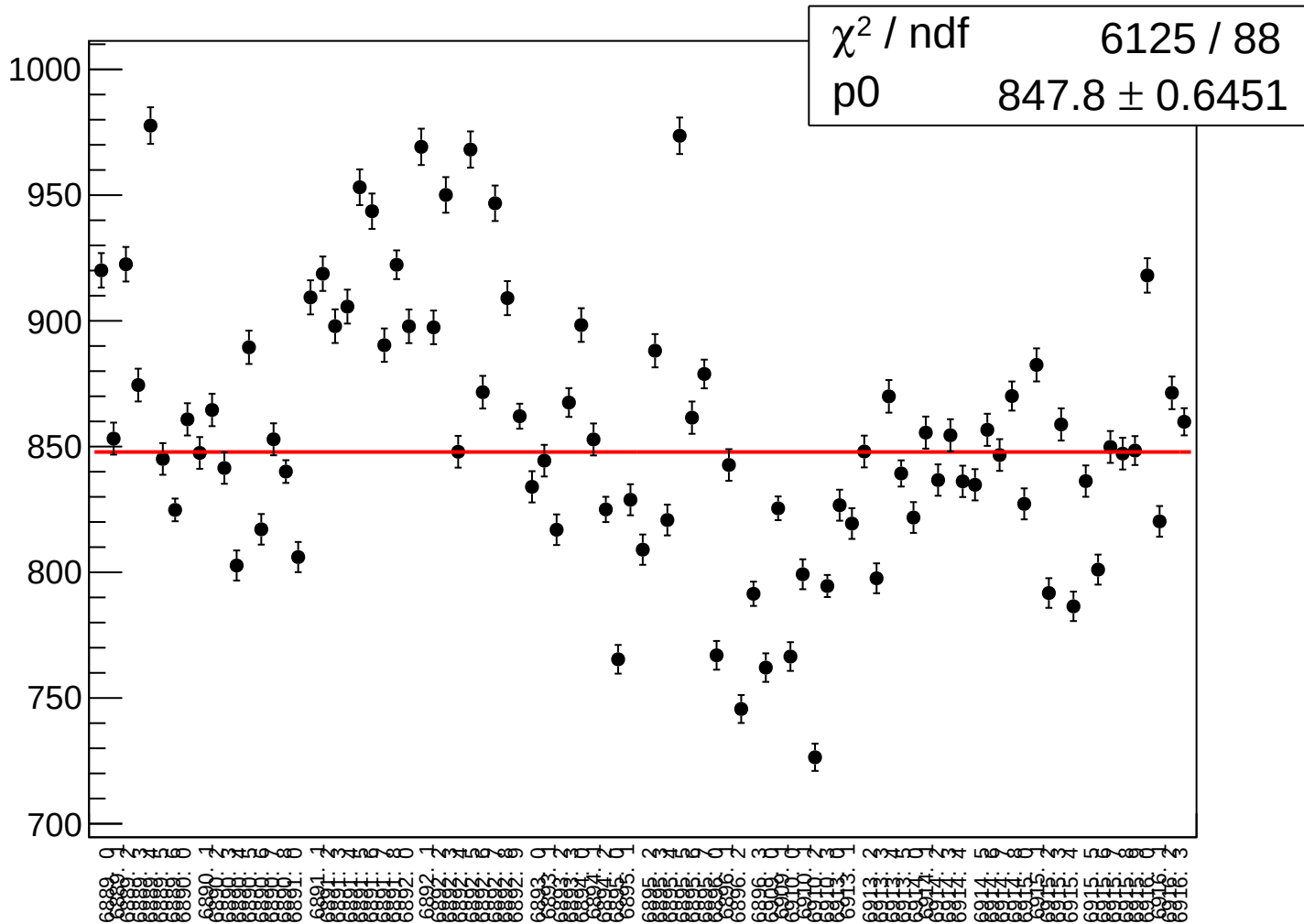
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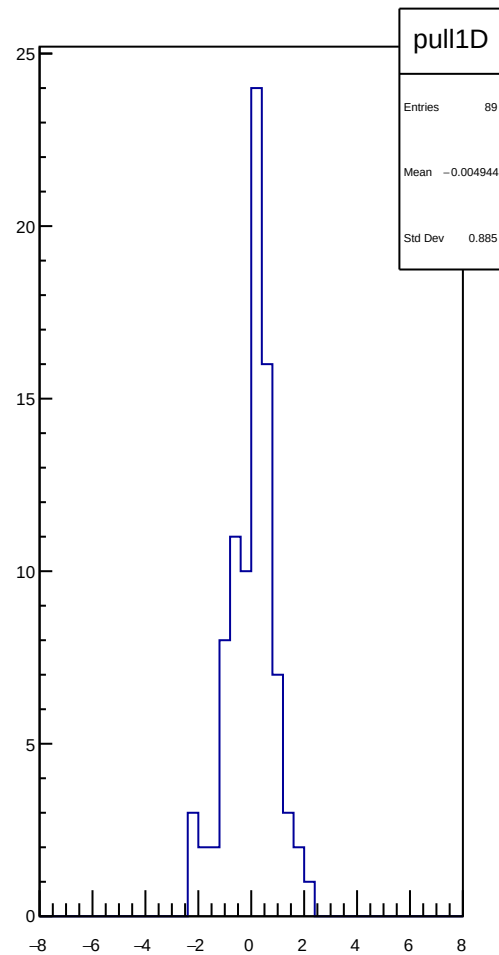
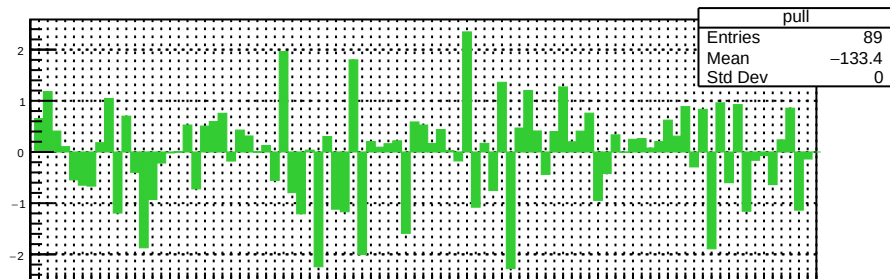
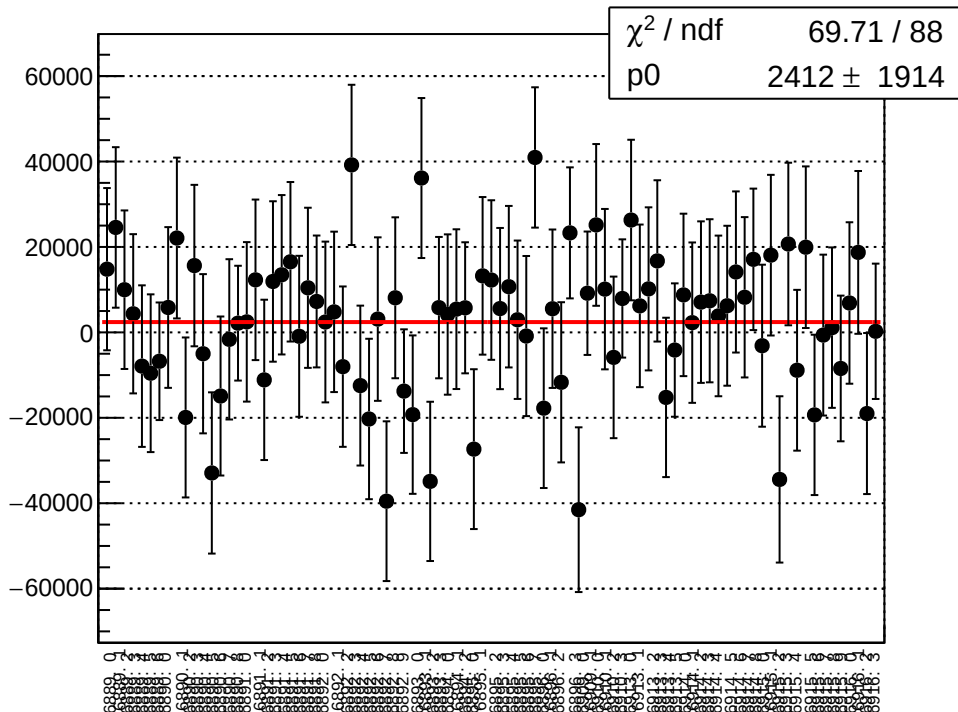
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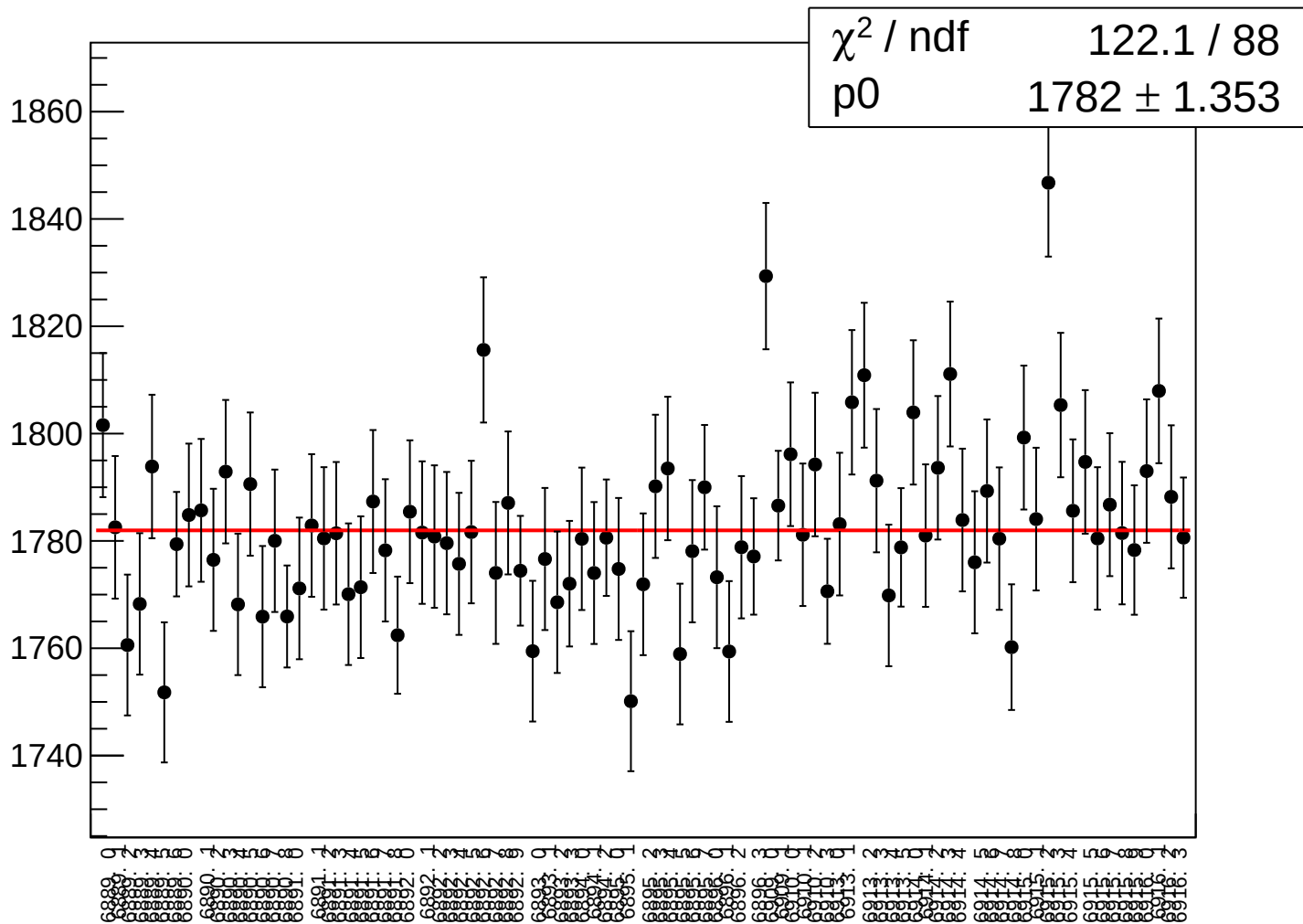
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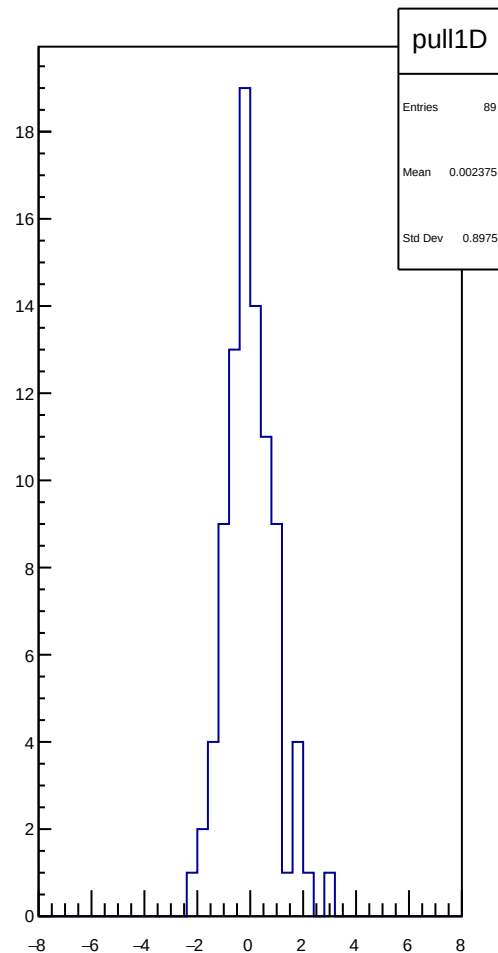
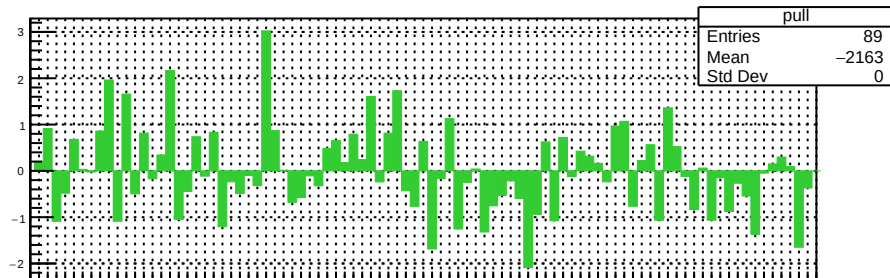
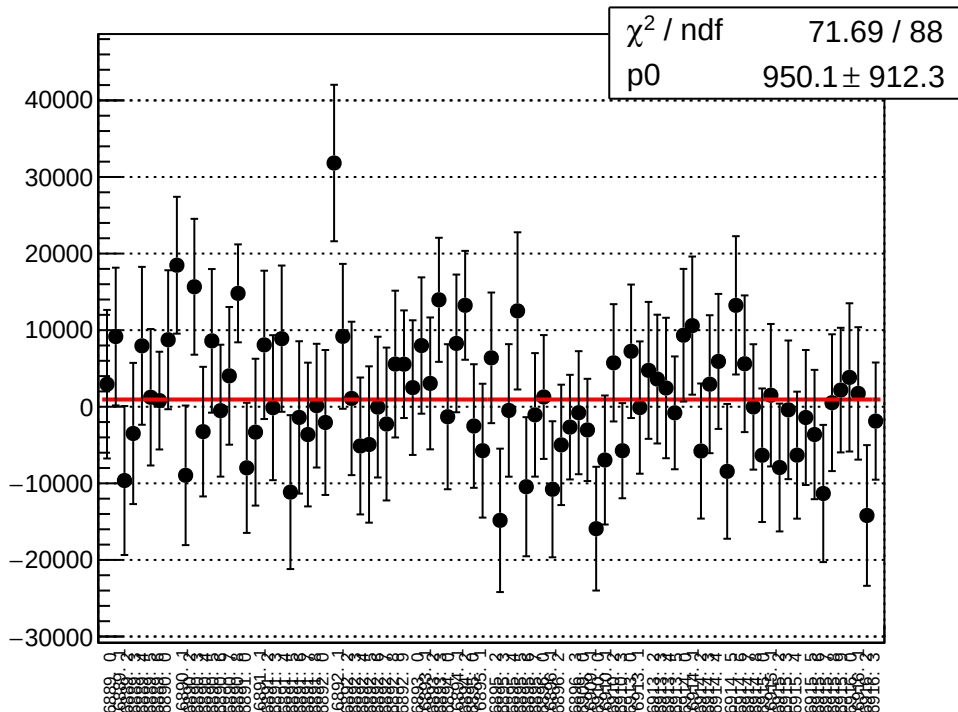
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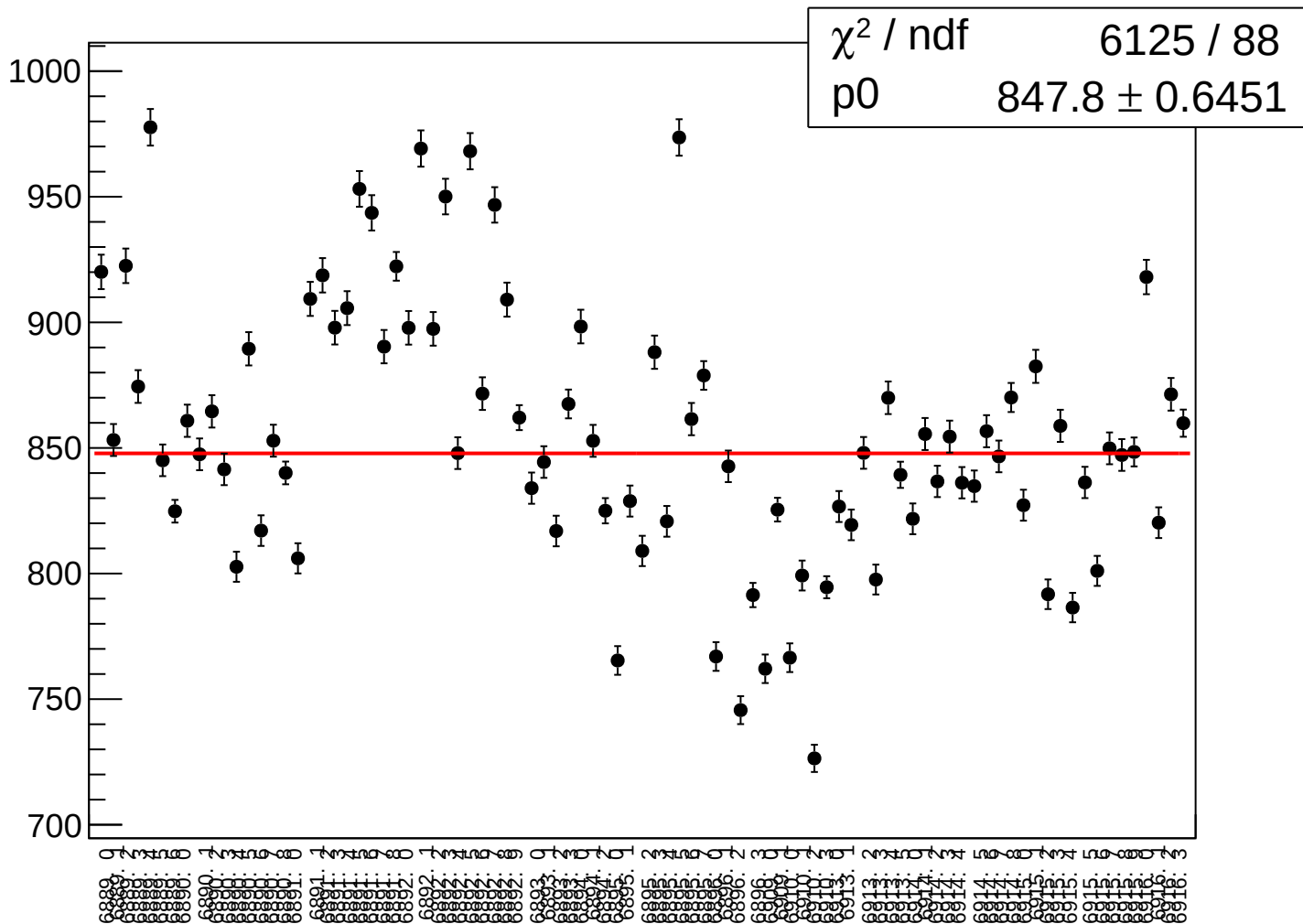
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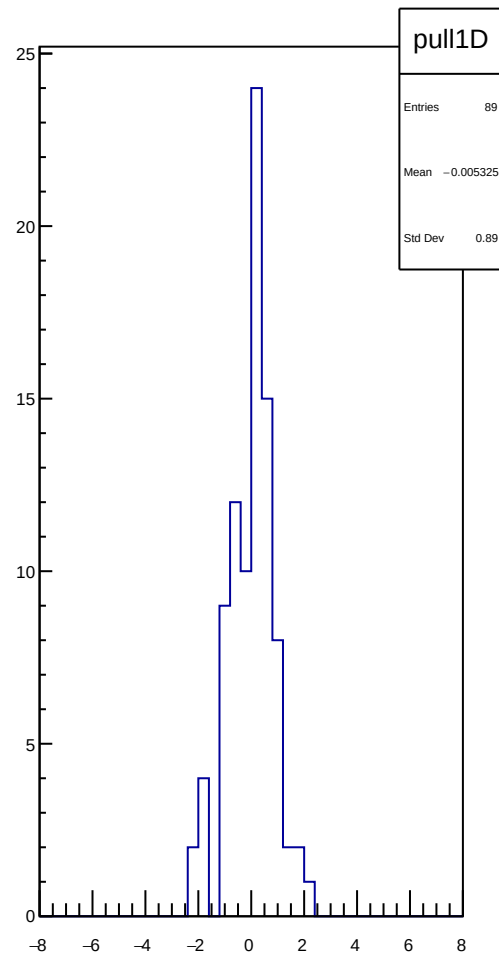
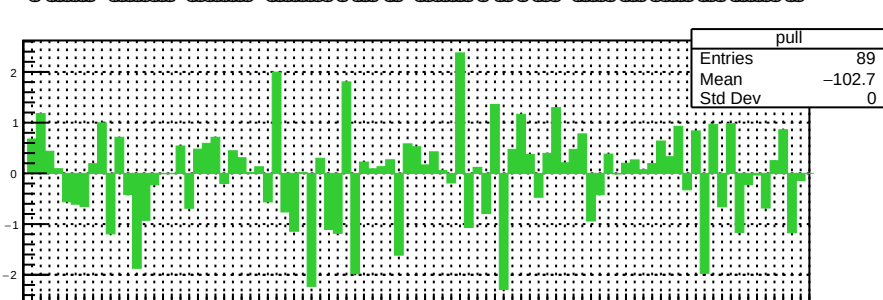
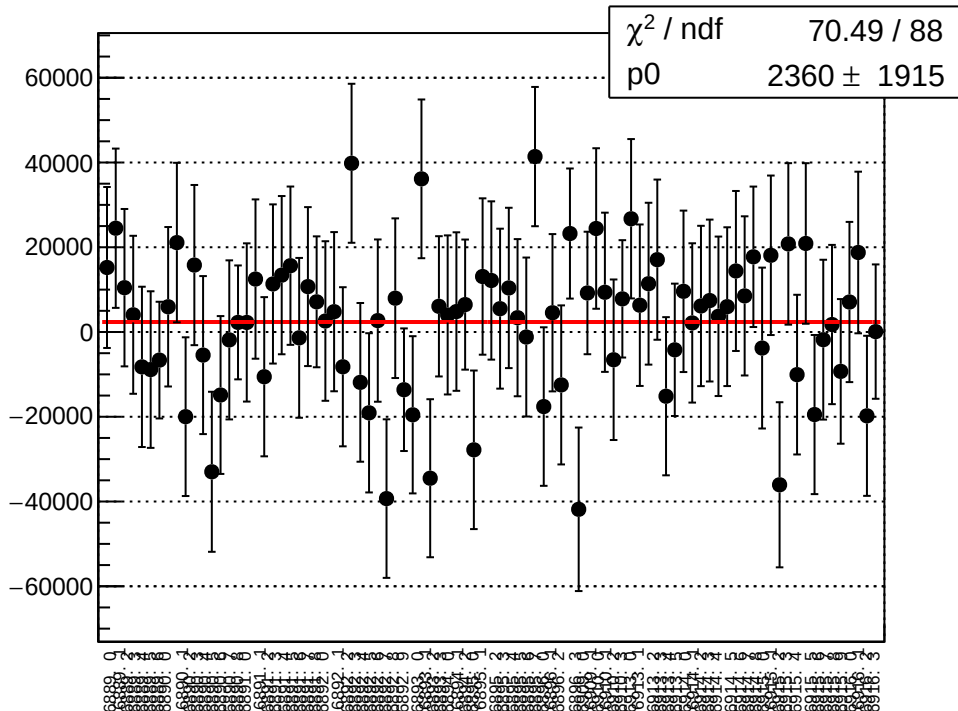
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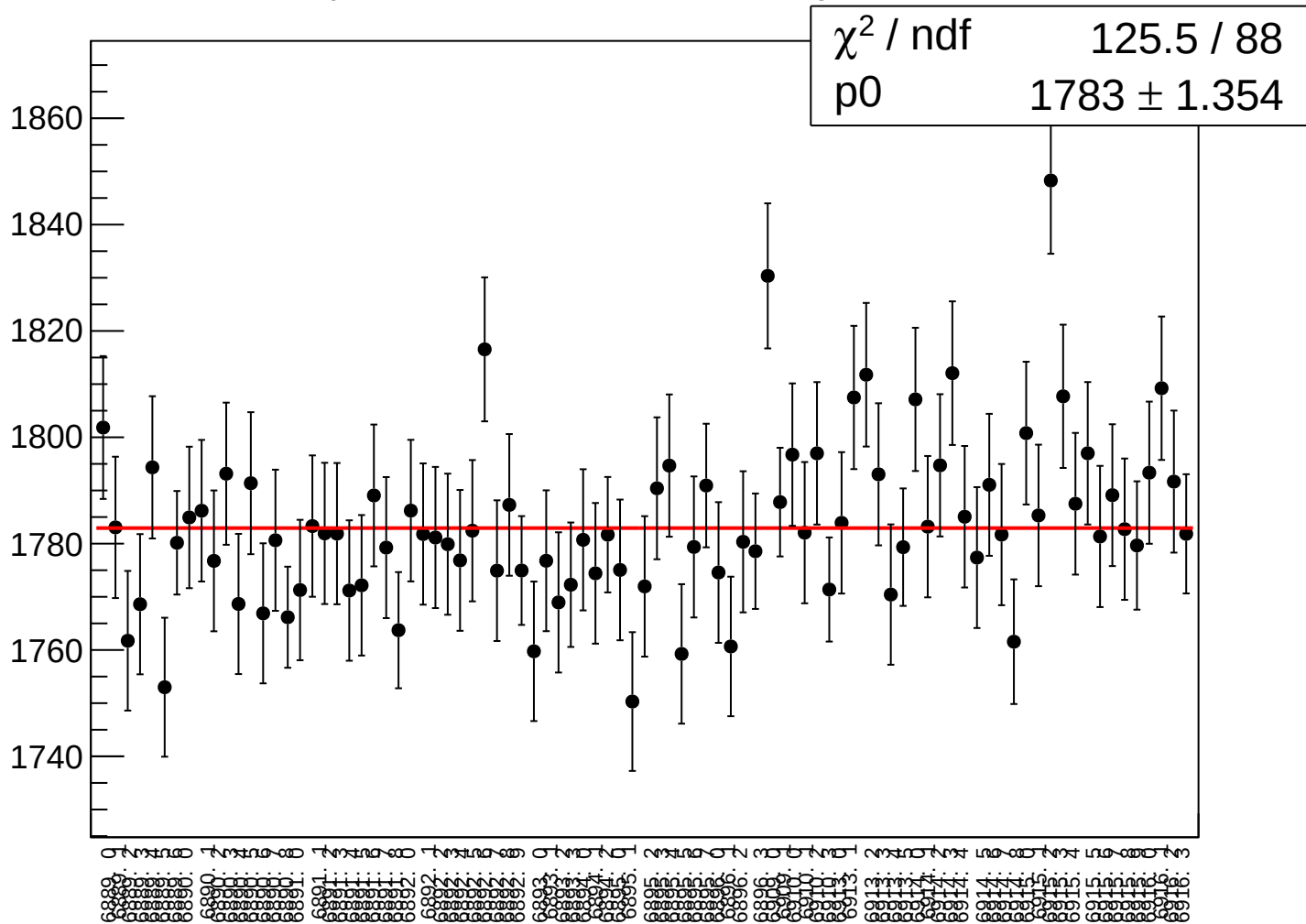
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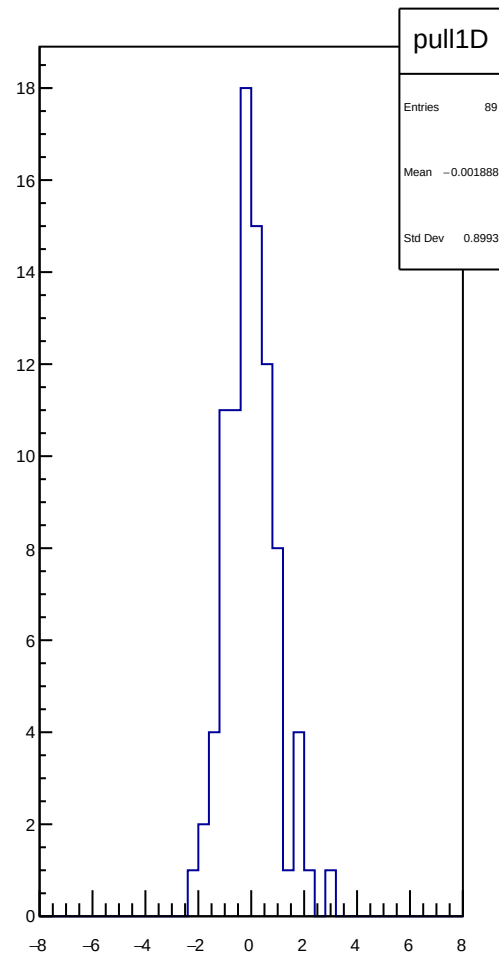
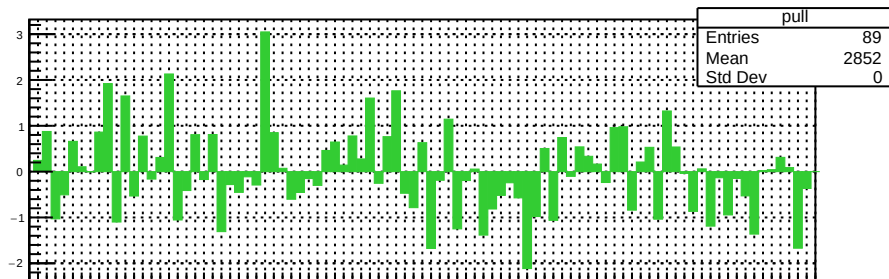
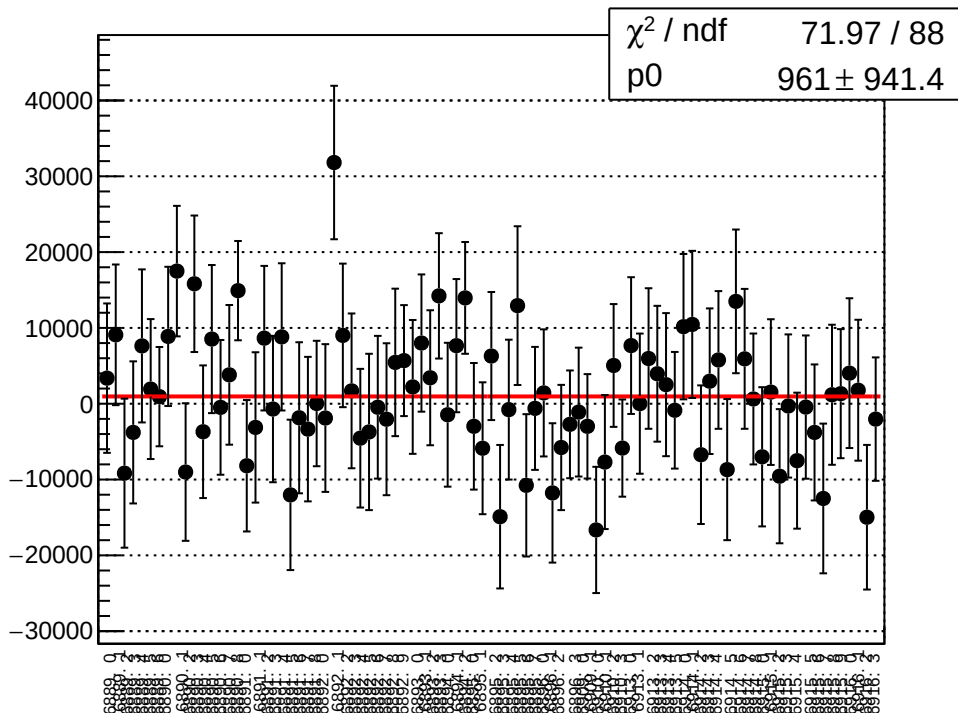
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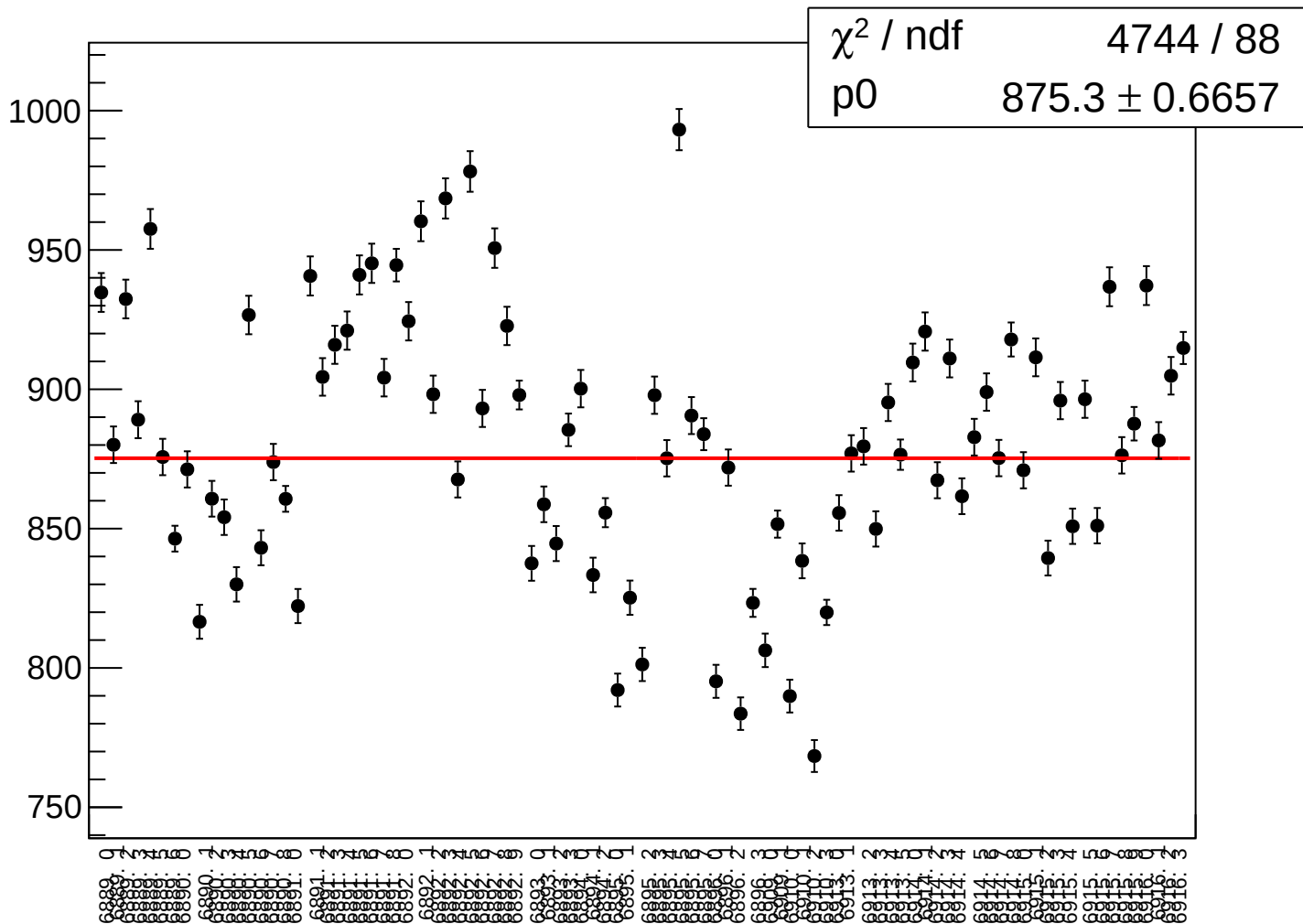
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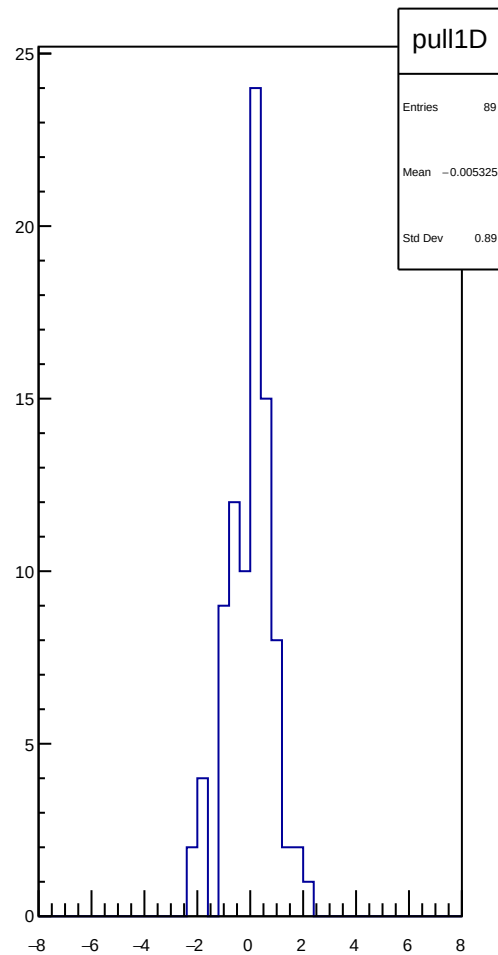
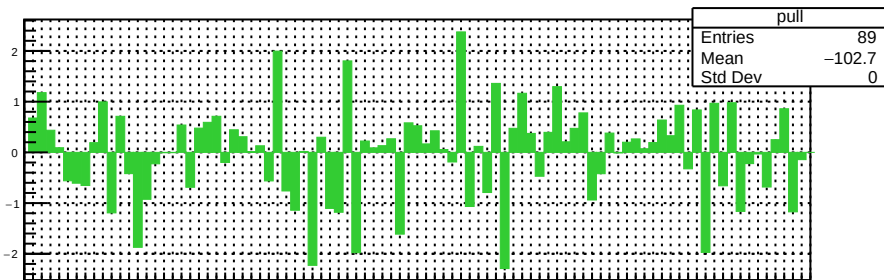
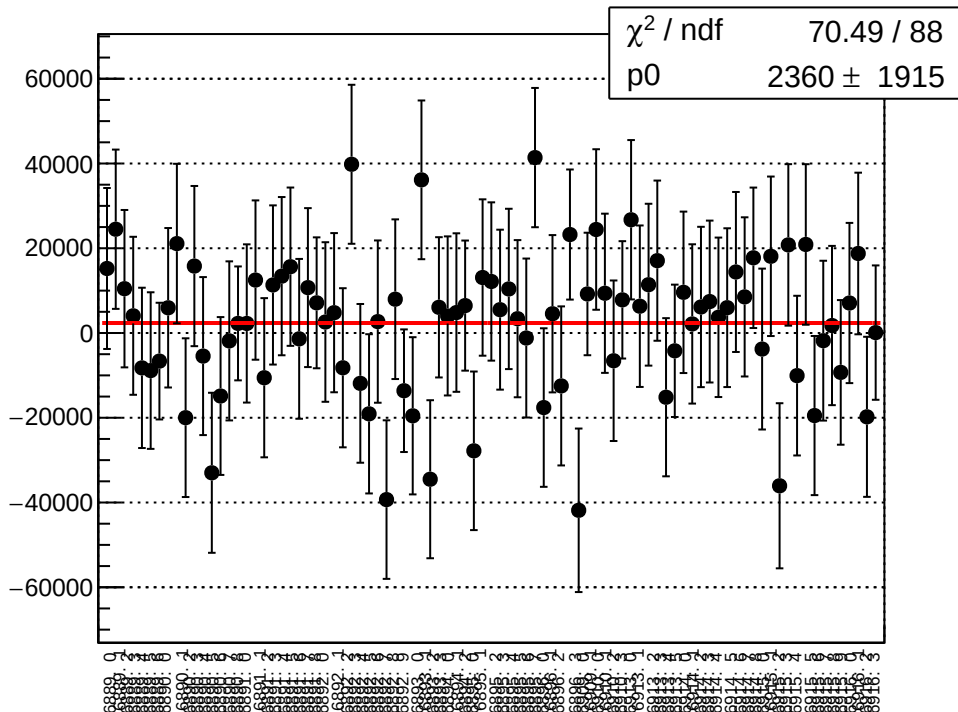
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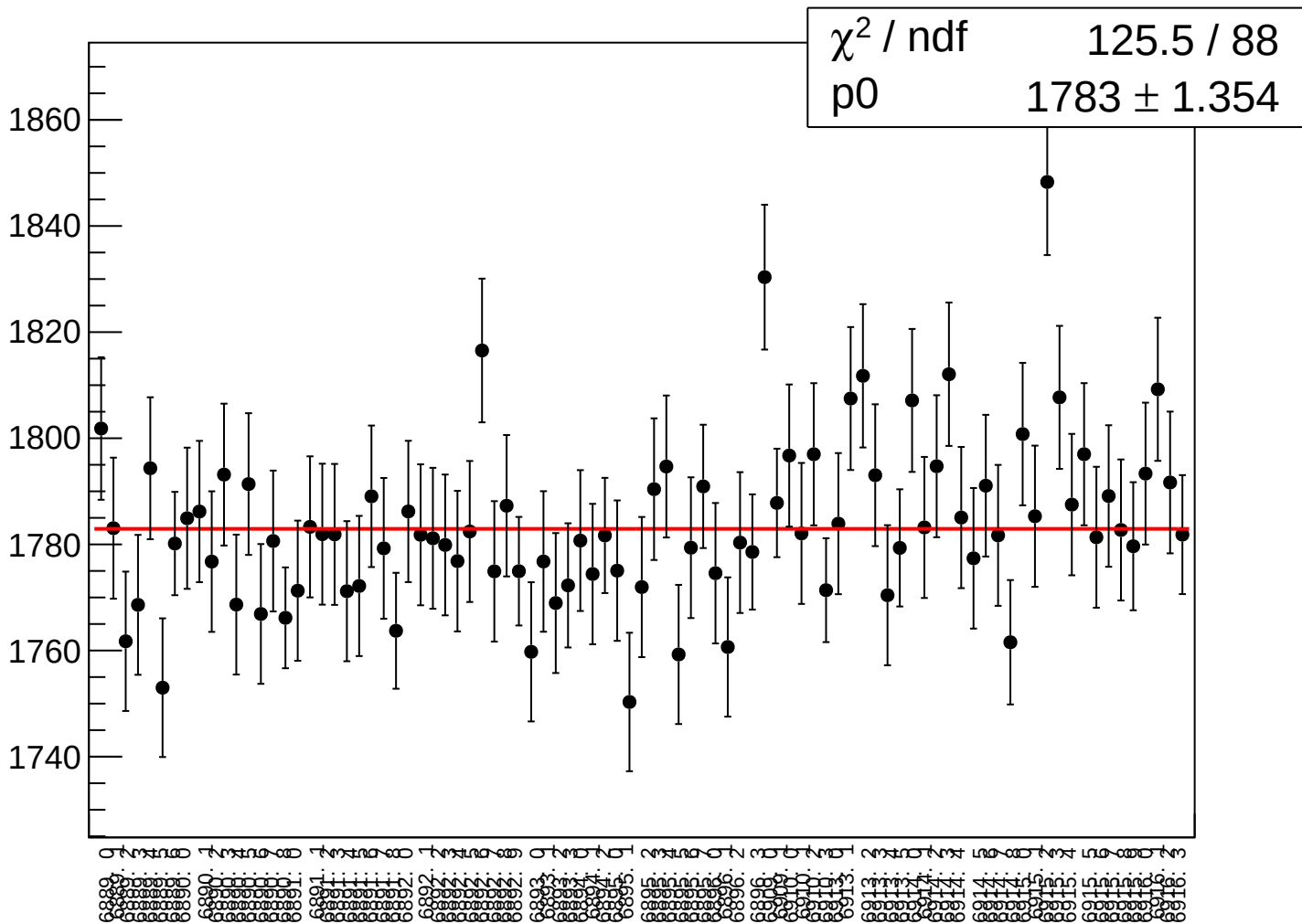
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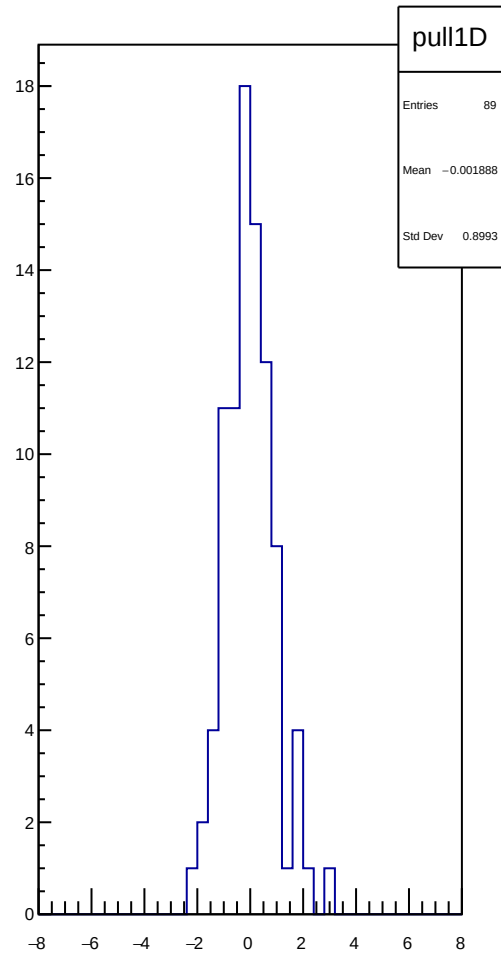
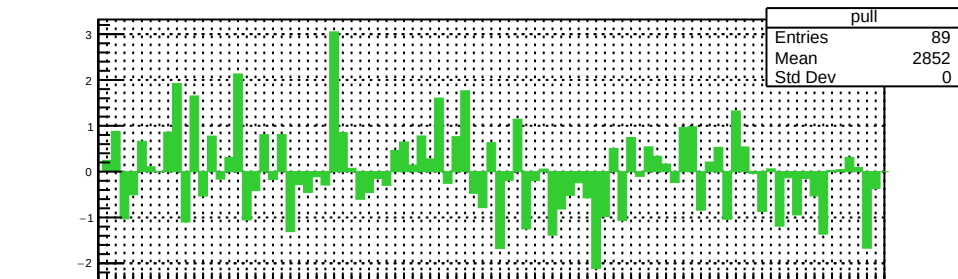
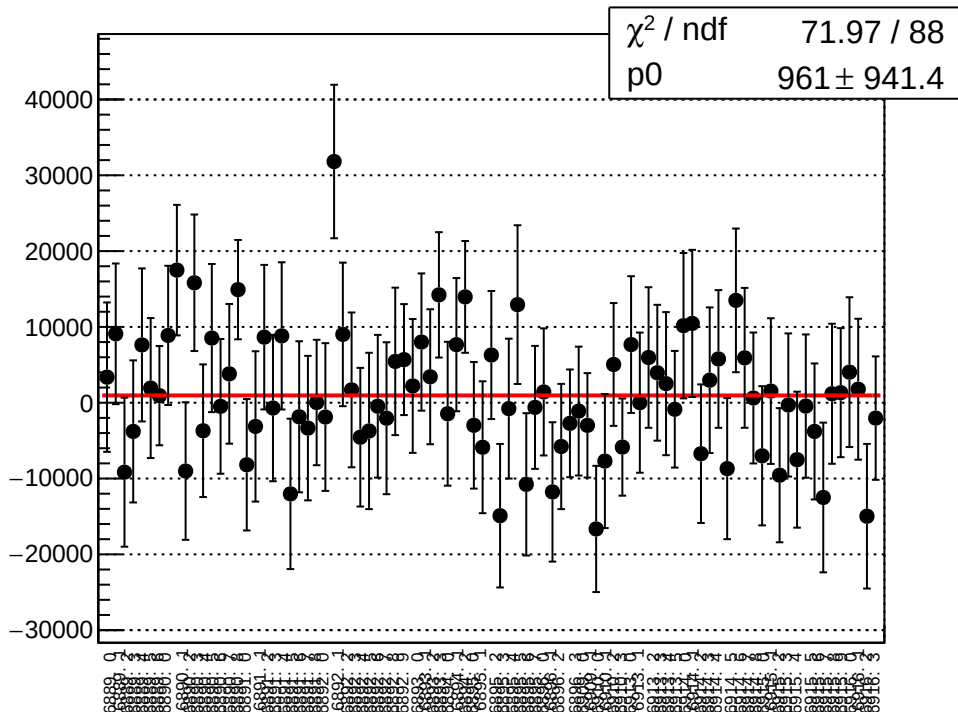
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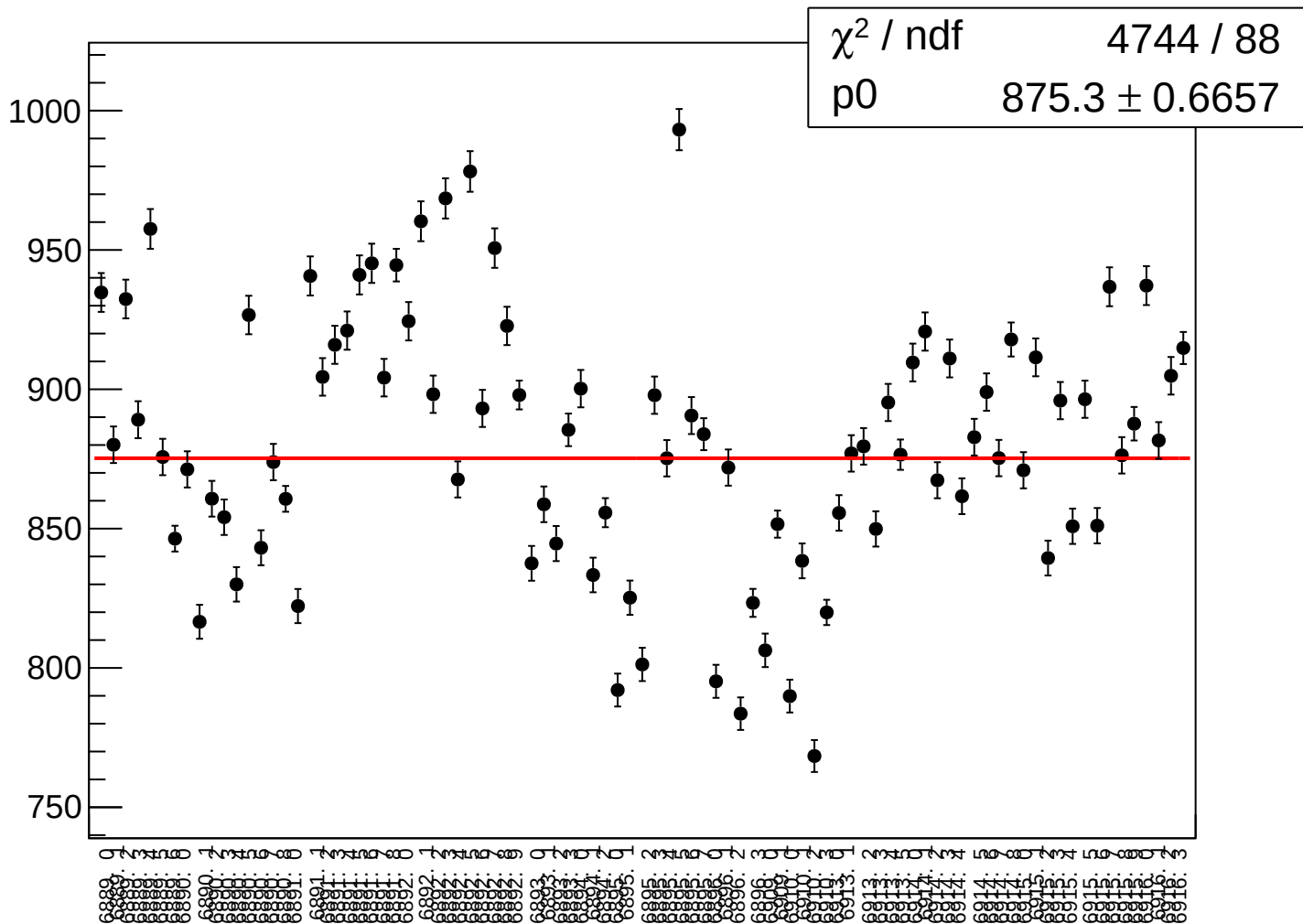
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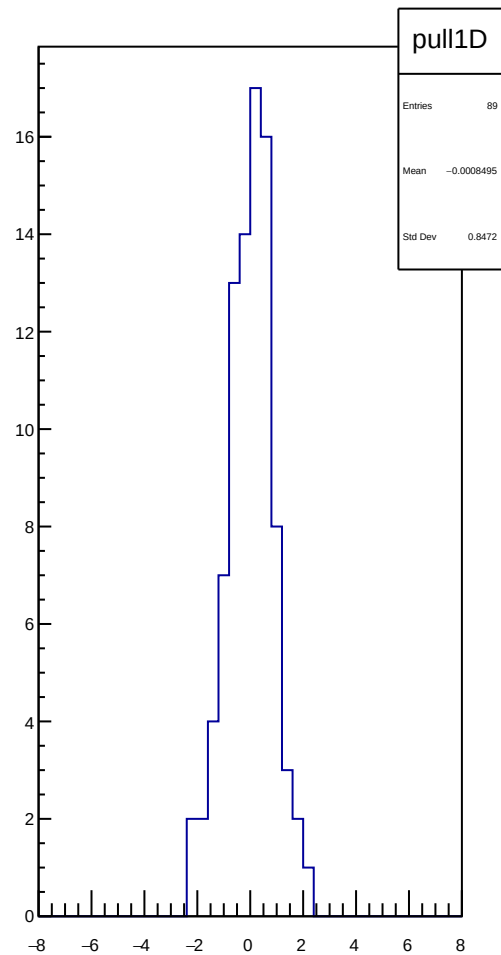
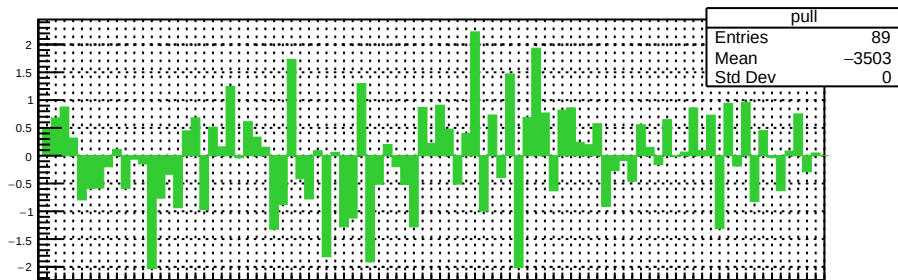
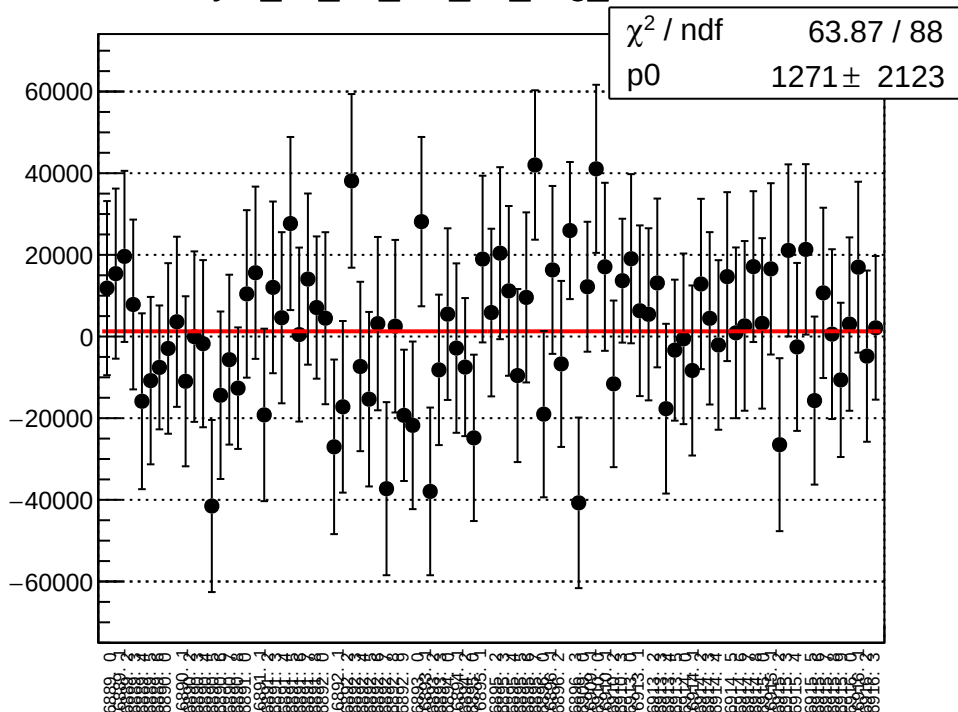
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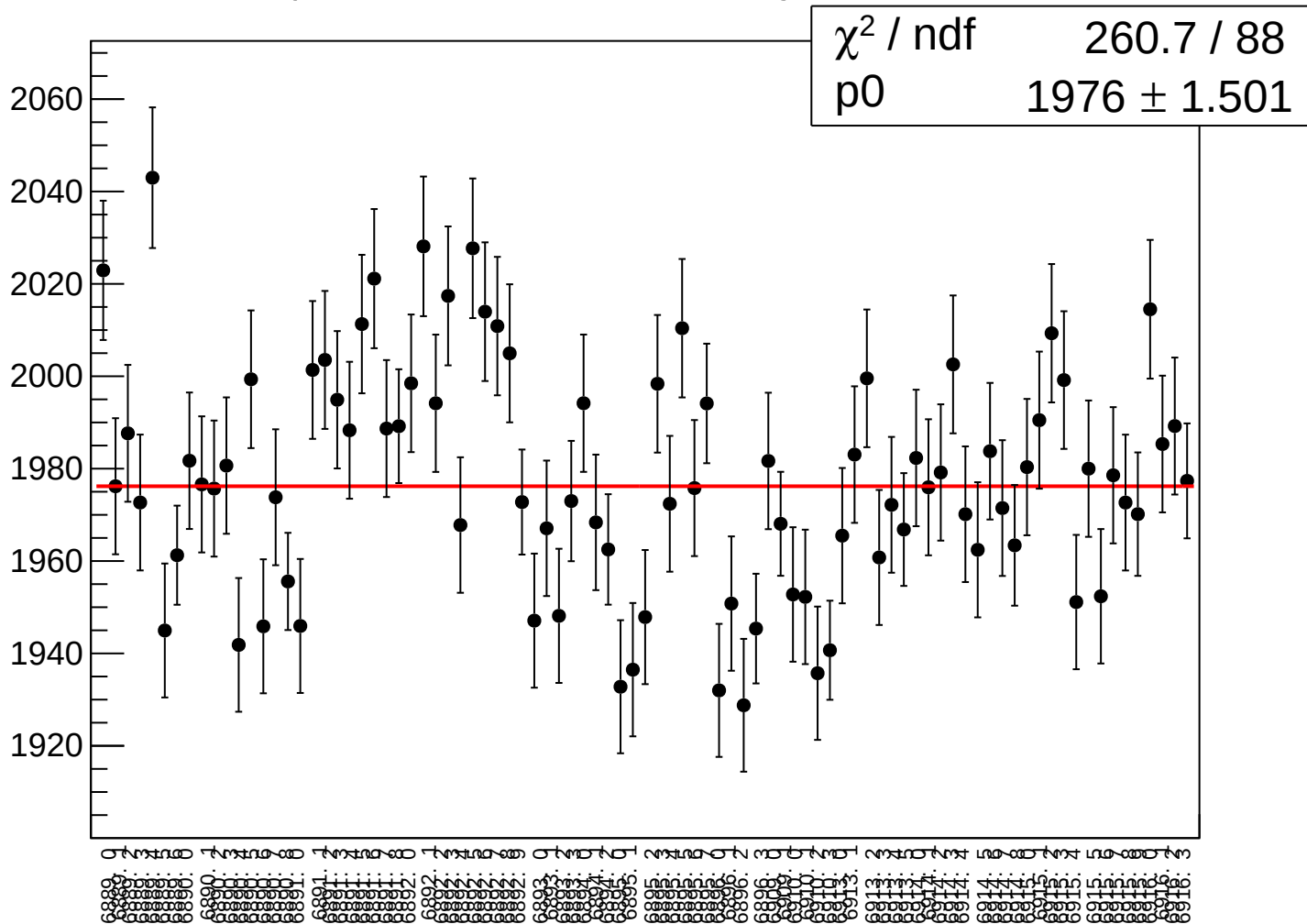
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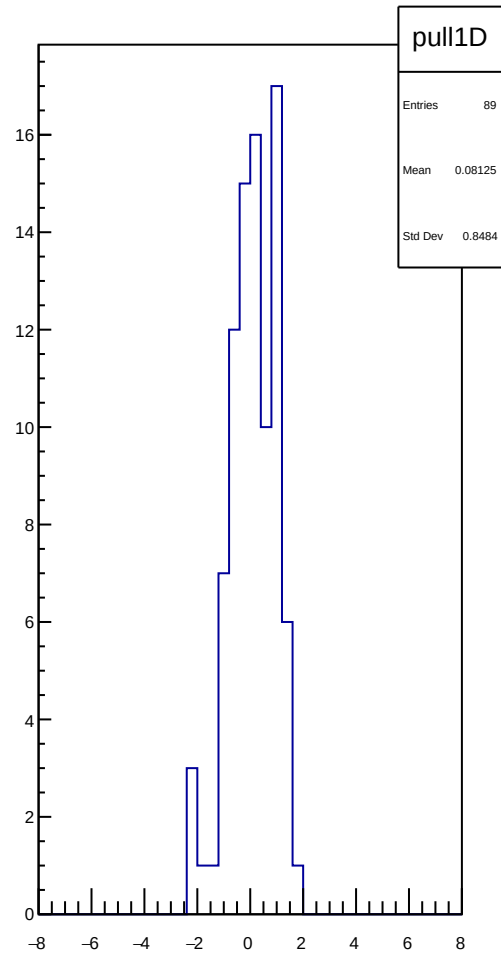
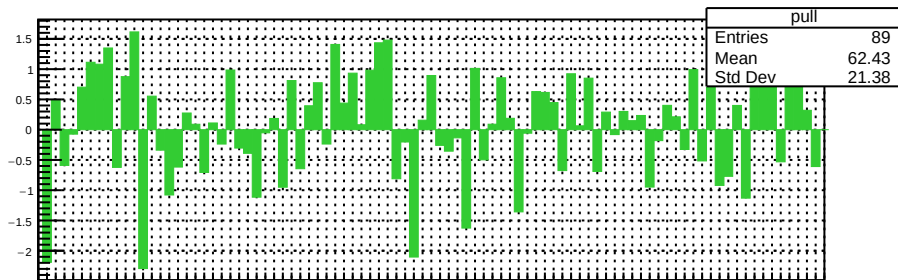
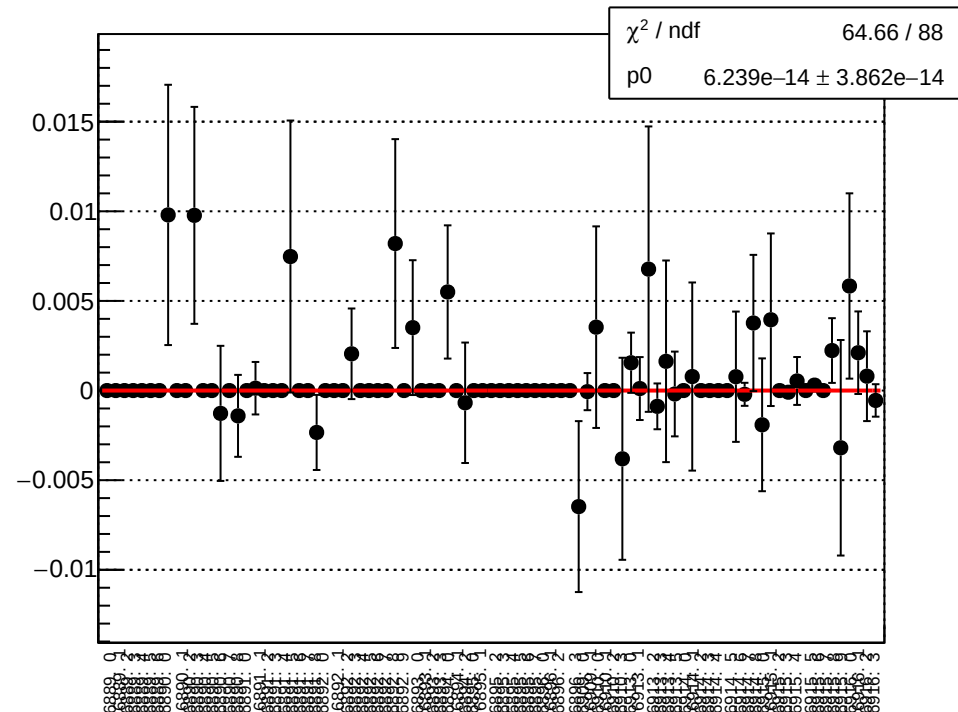
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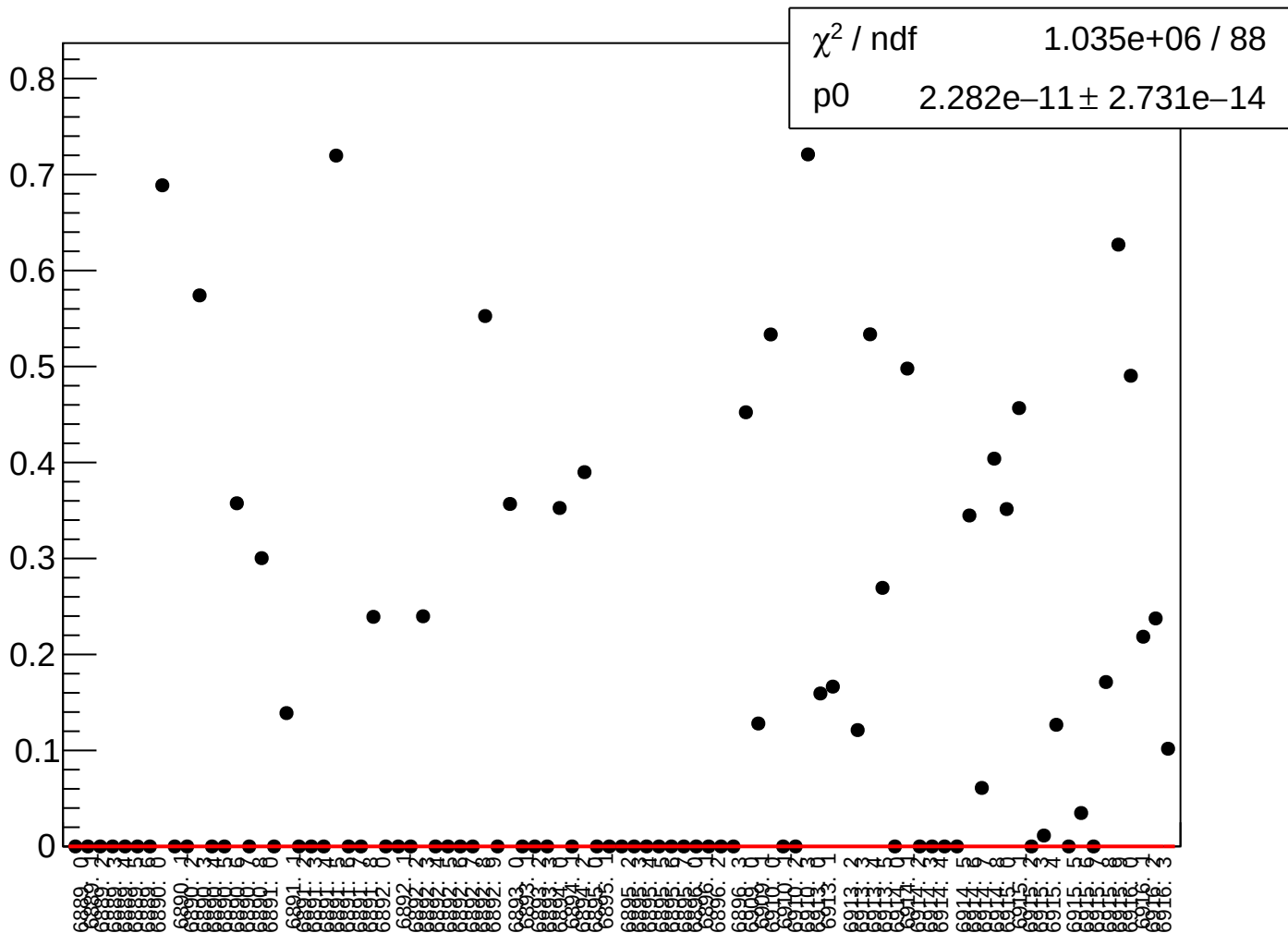
asym_us_dd_atlr_dd_avg_rms vs run



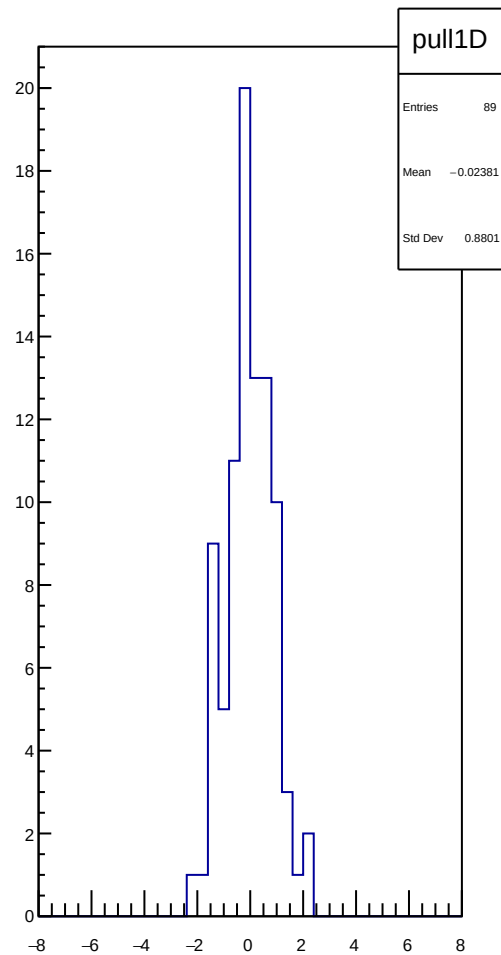
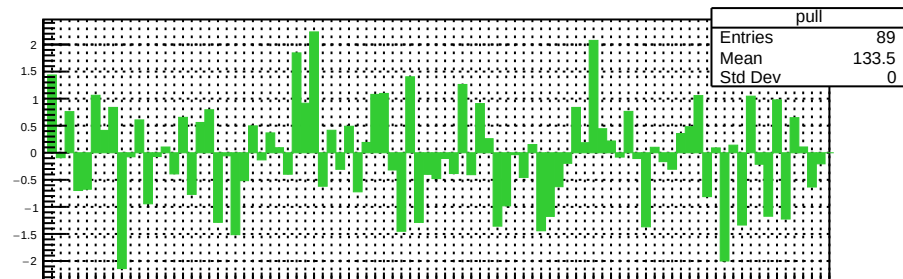
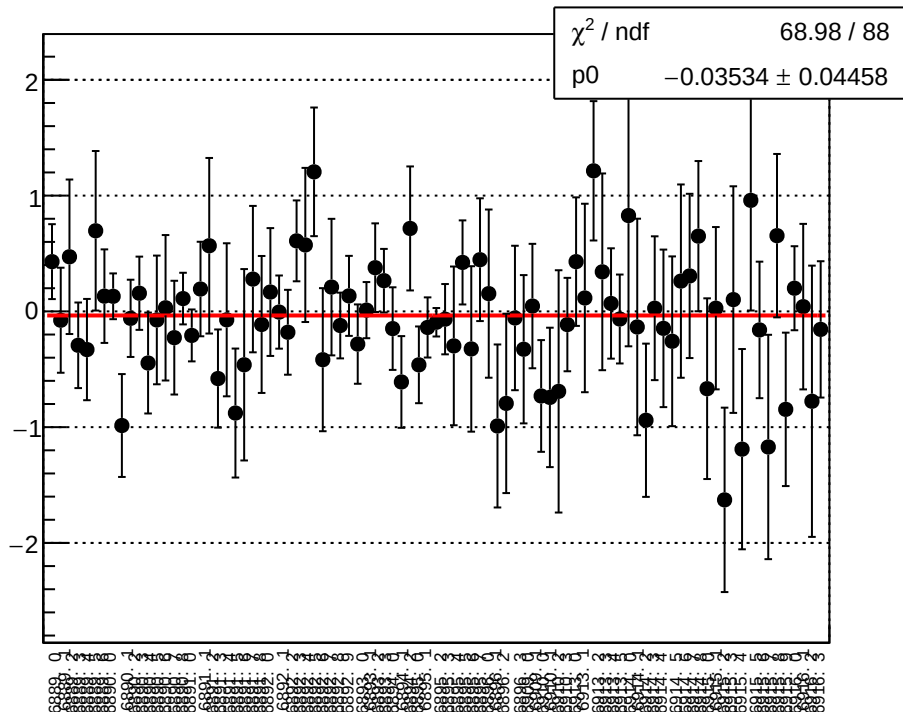
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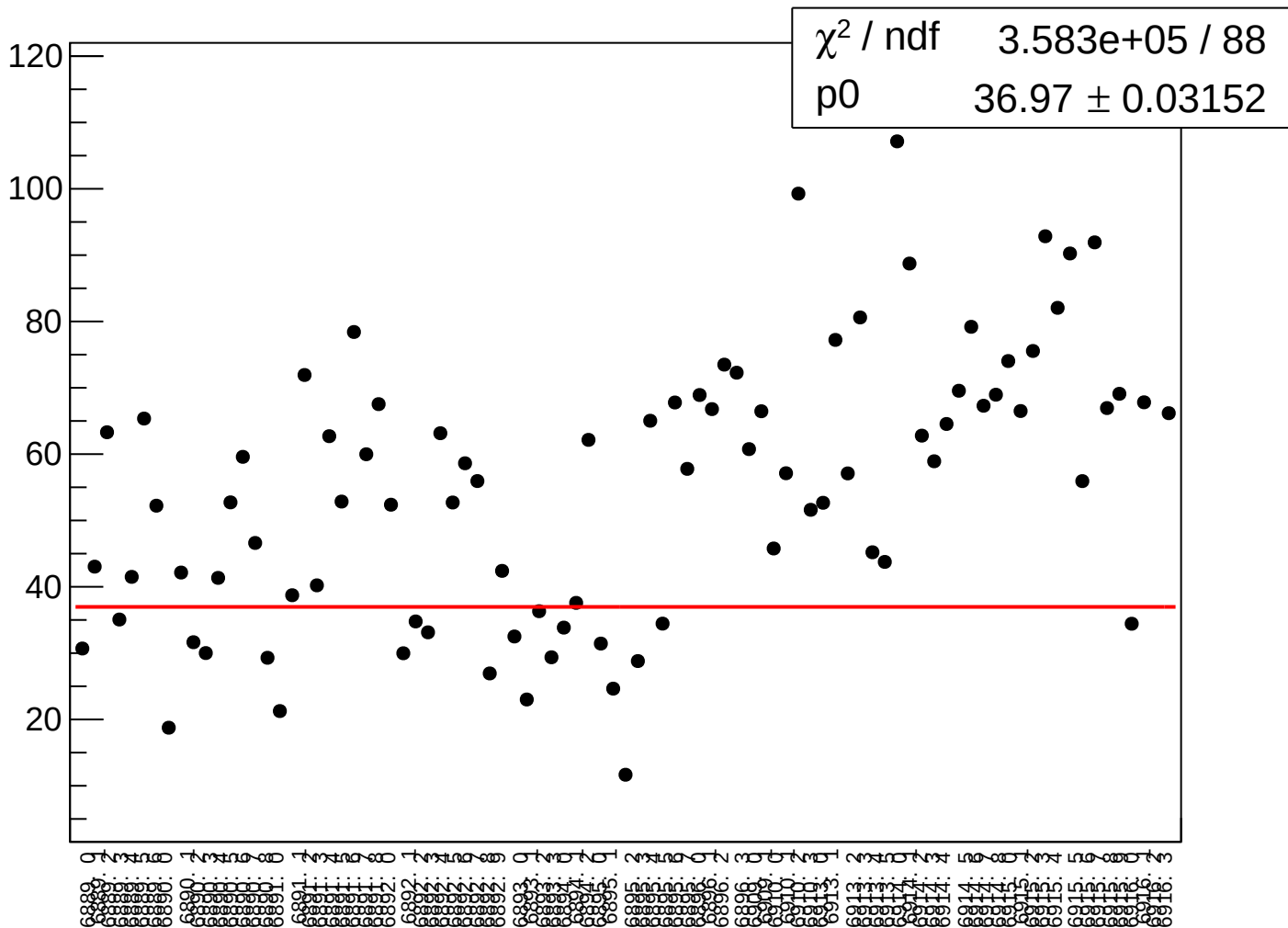
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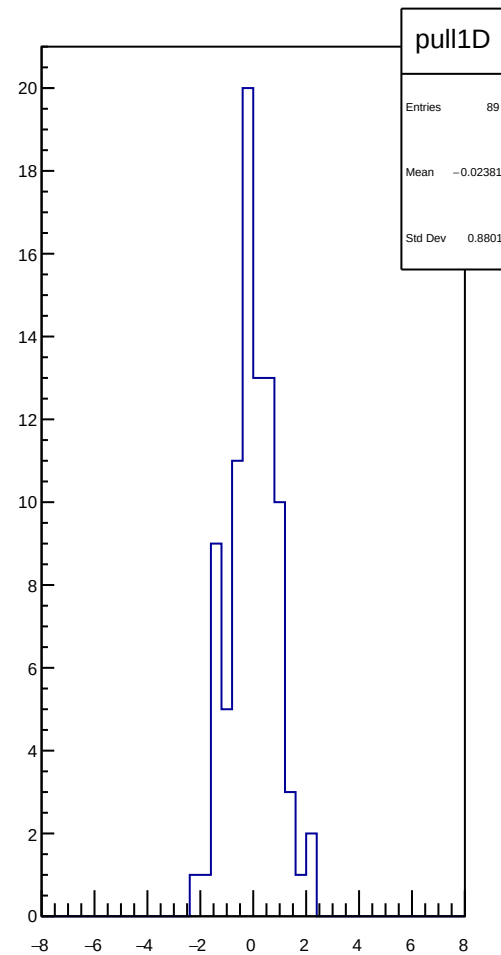
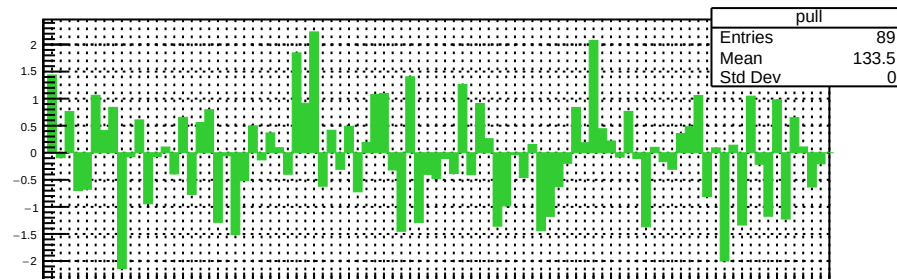
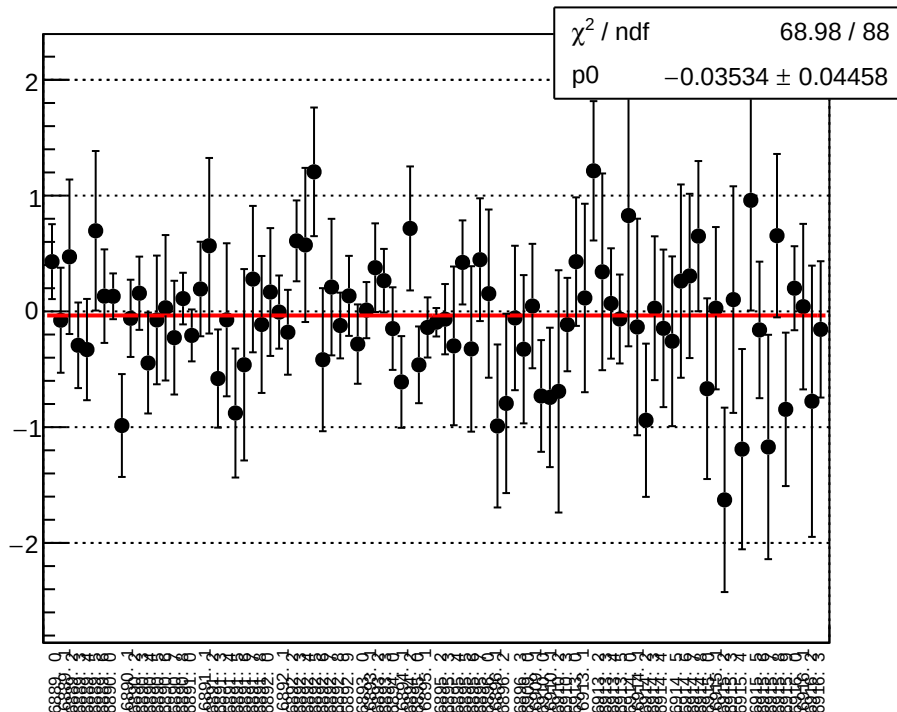
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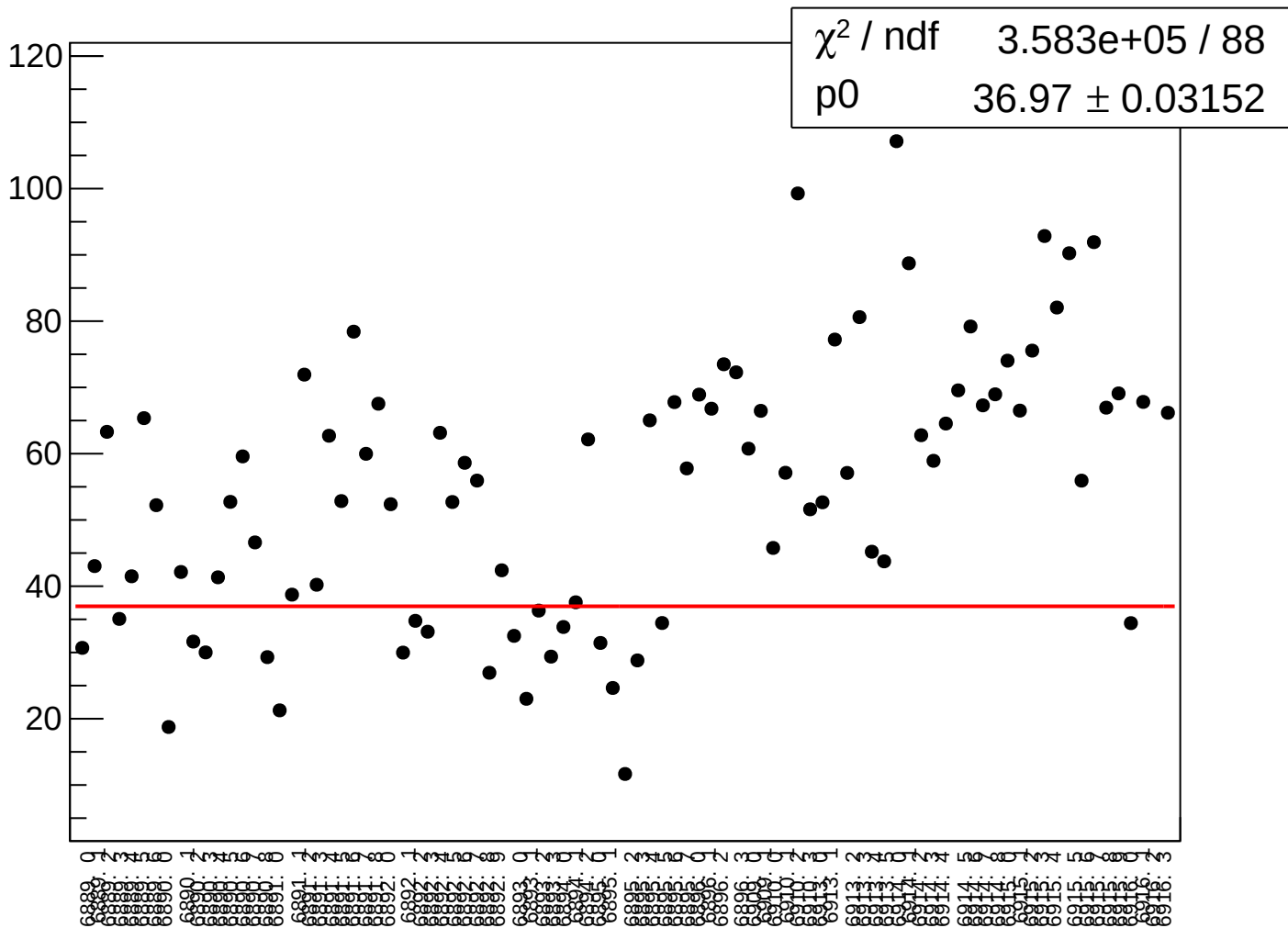
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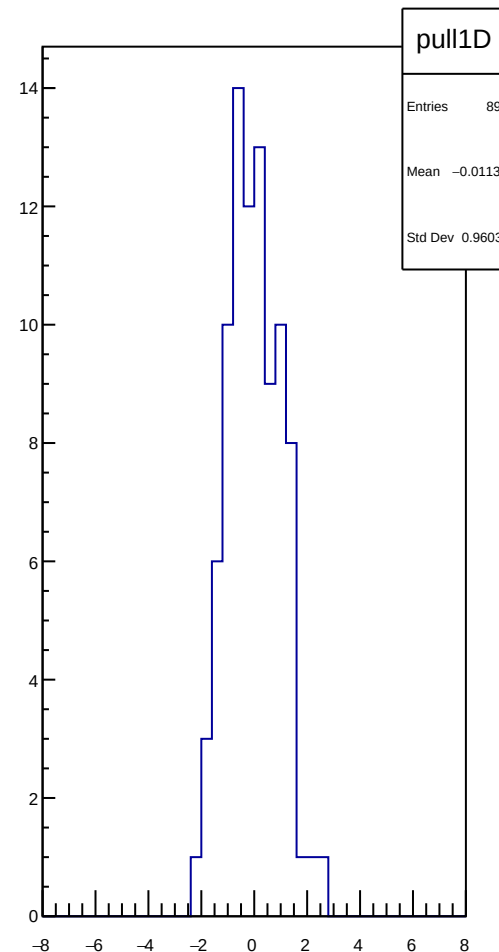
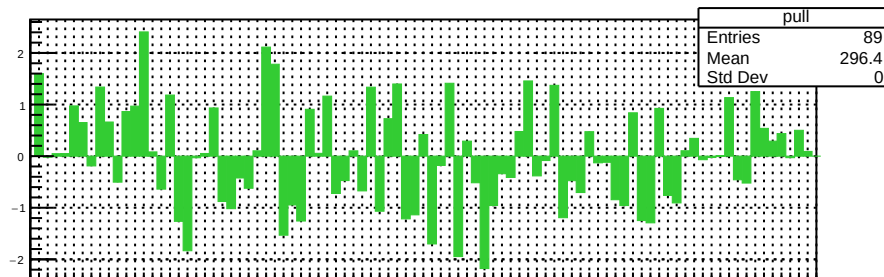
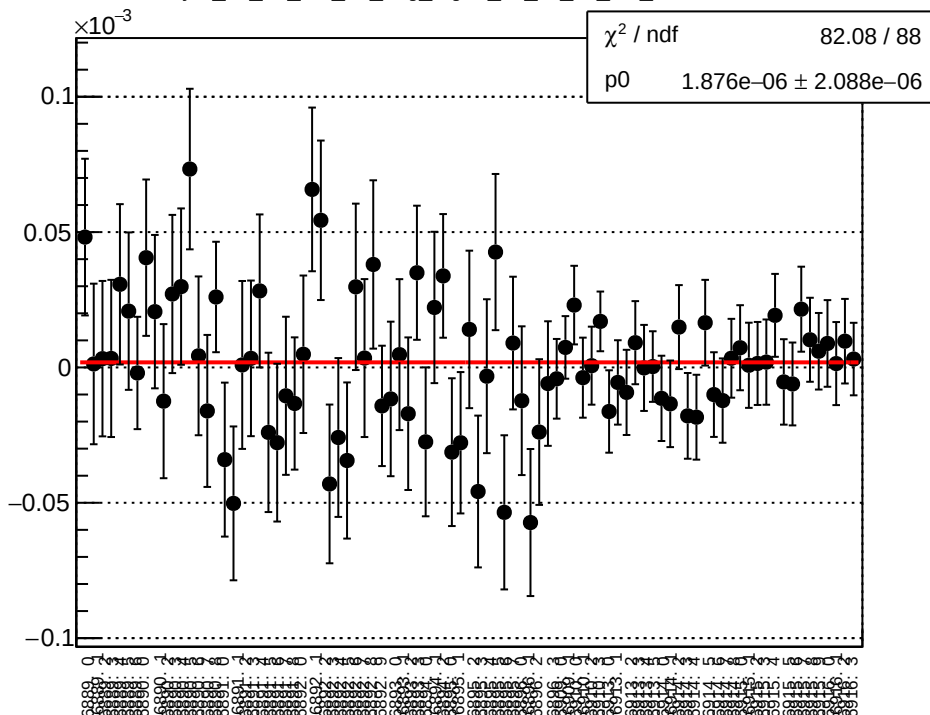
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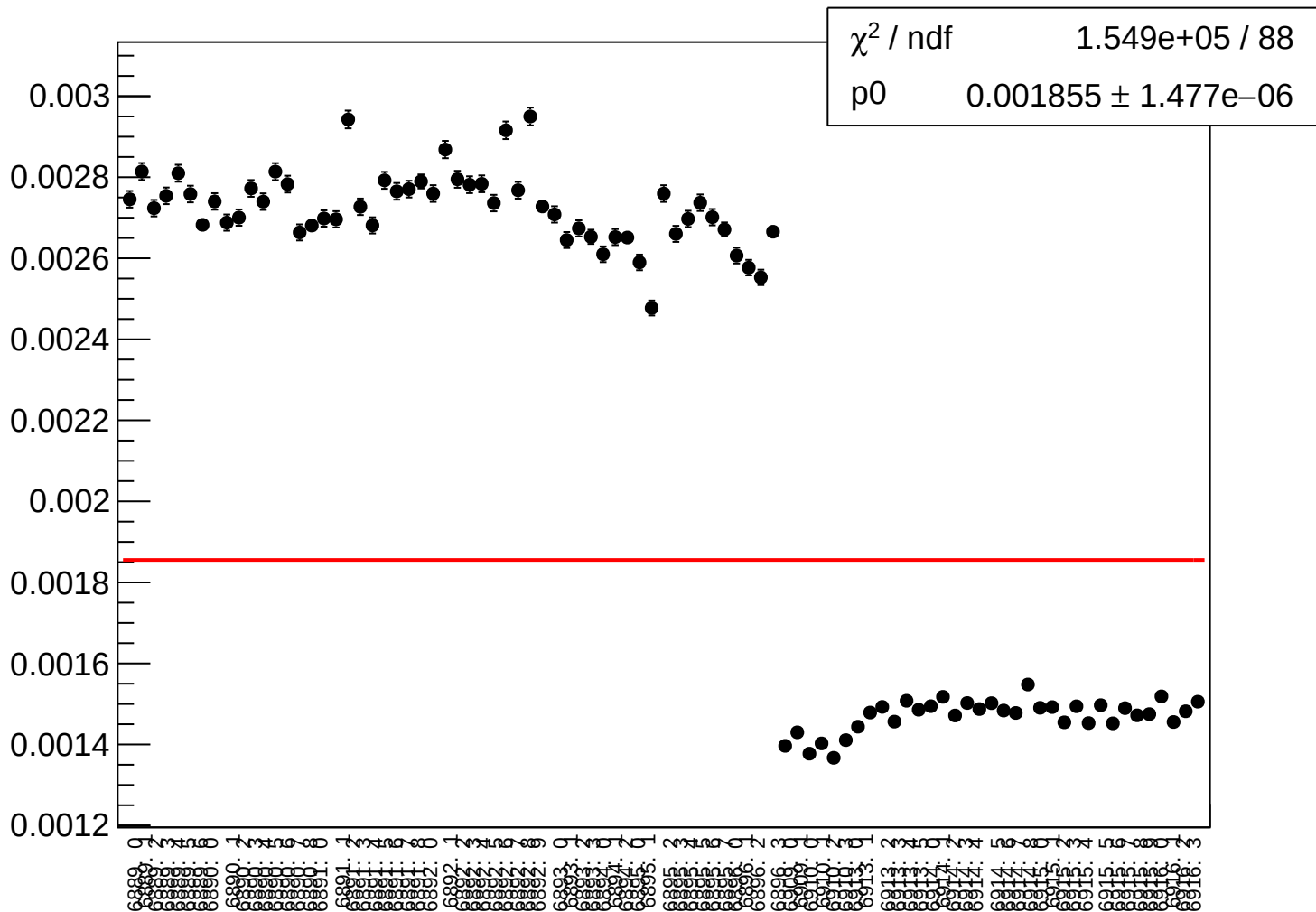
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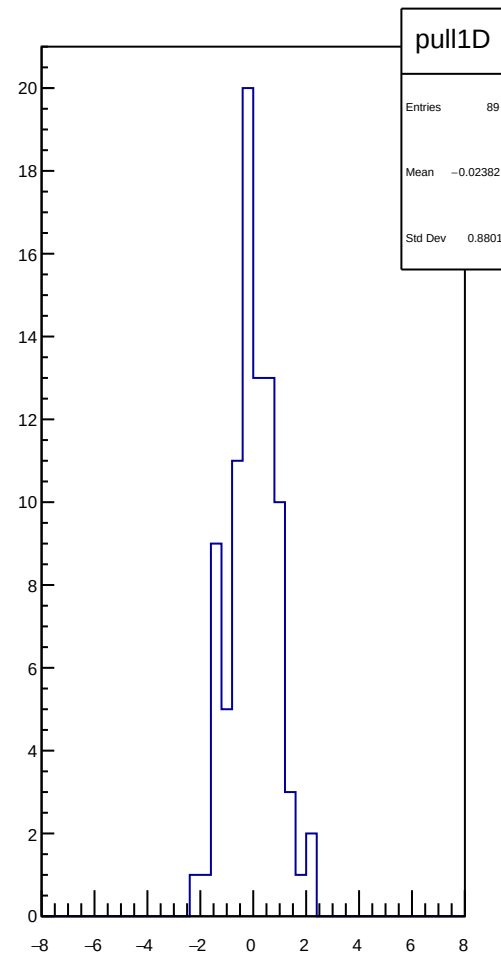
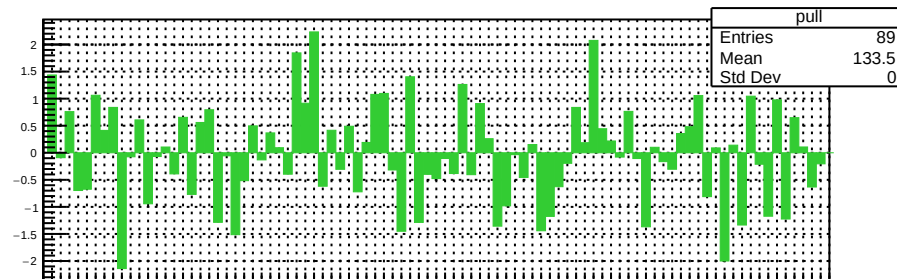
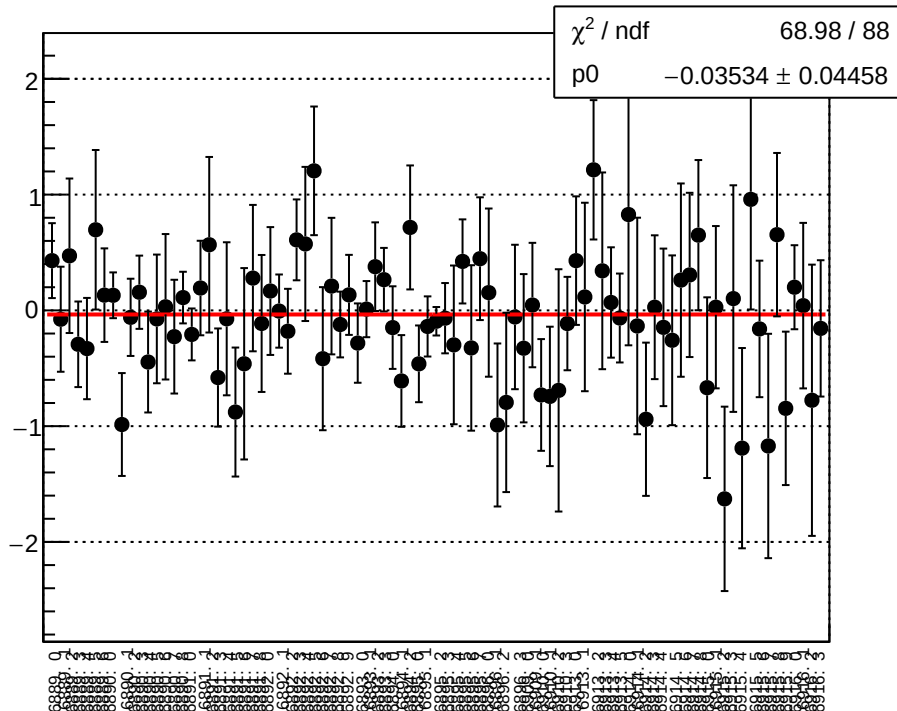
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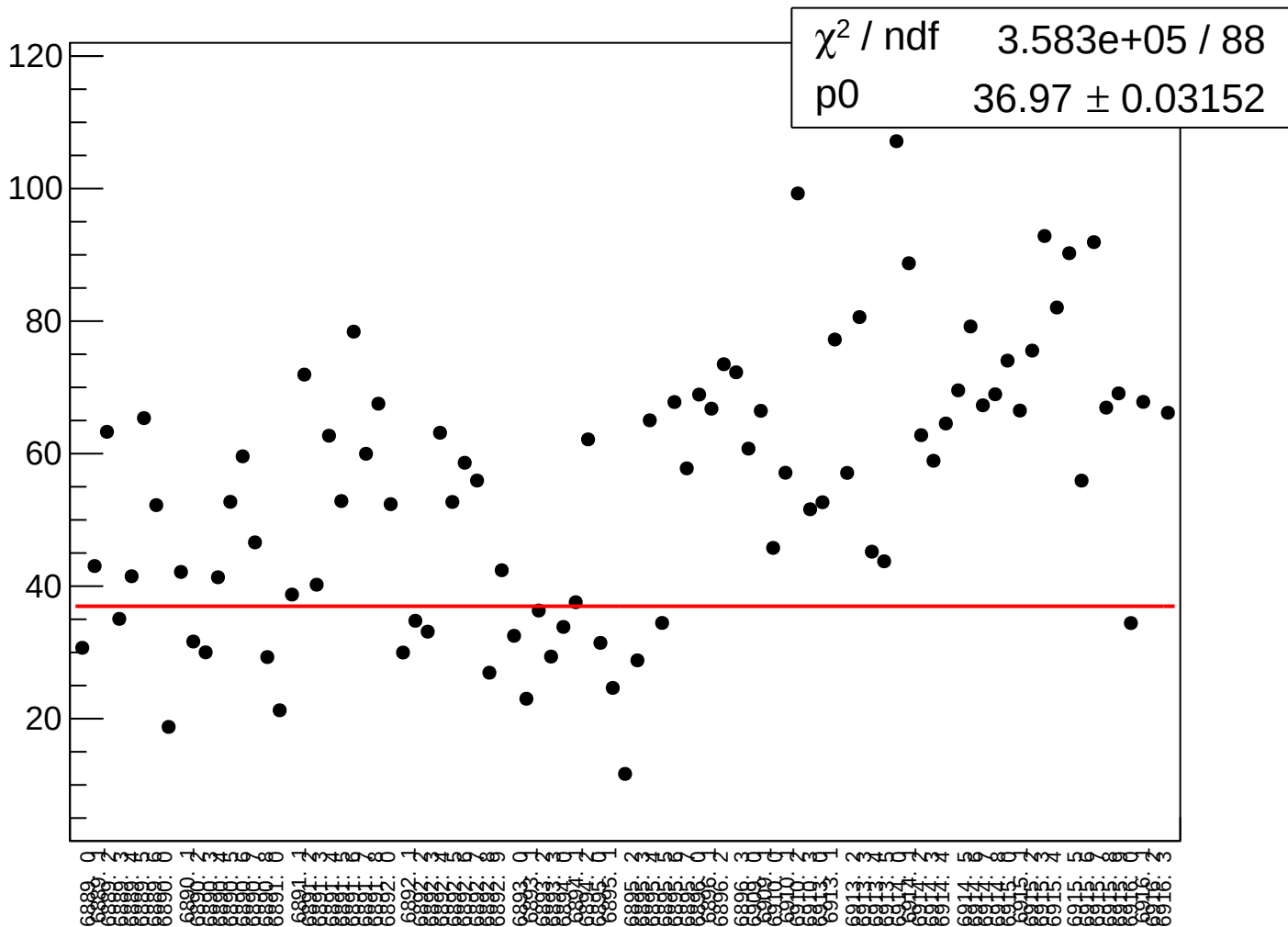
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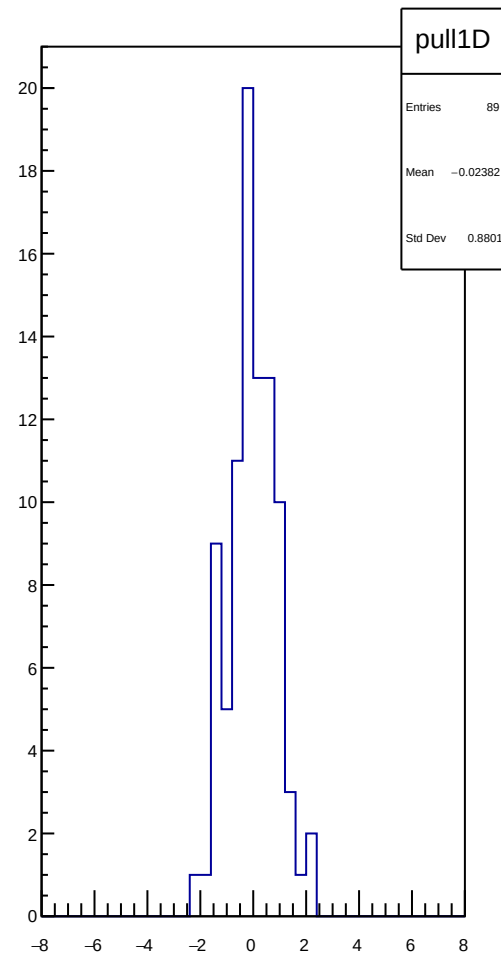
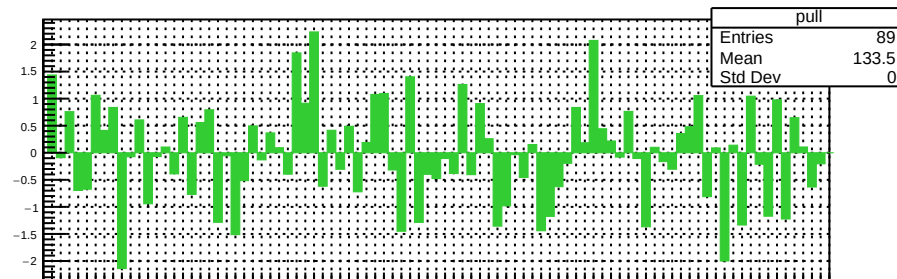
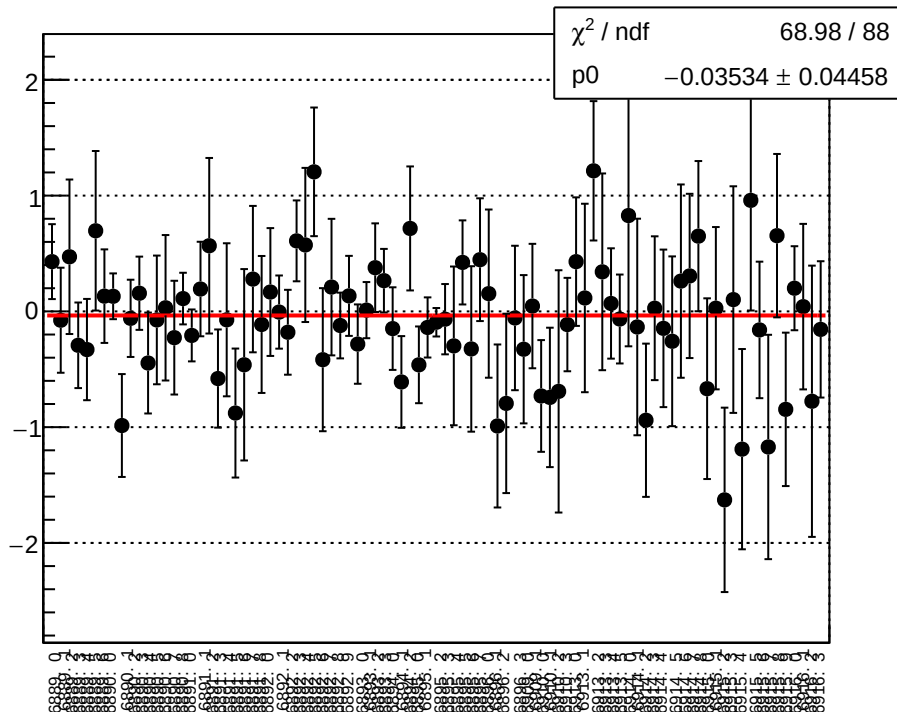
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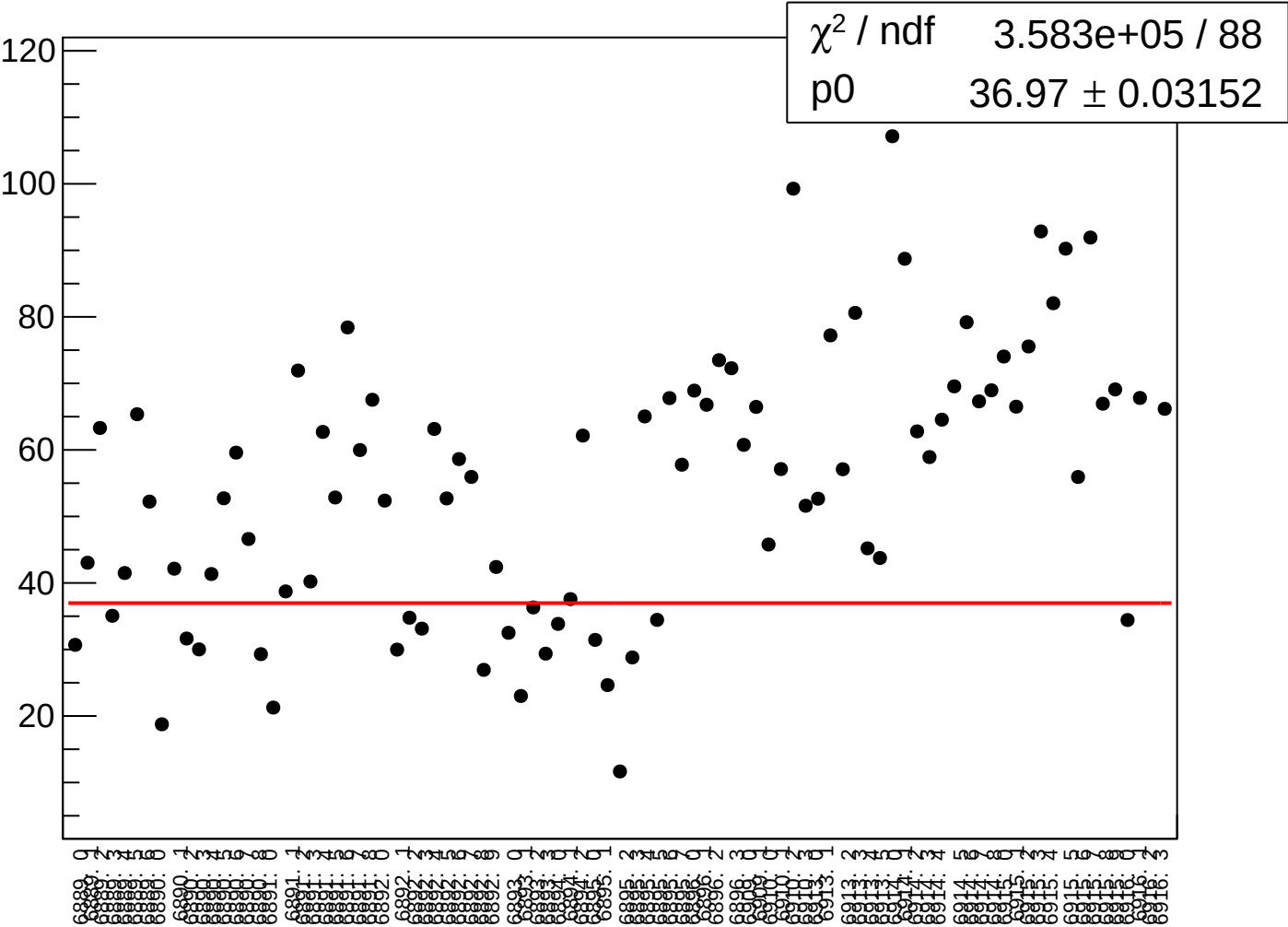
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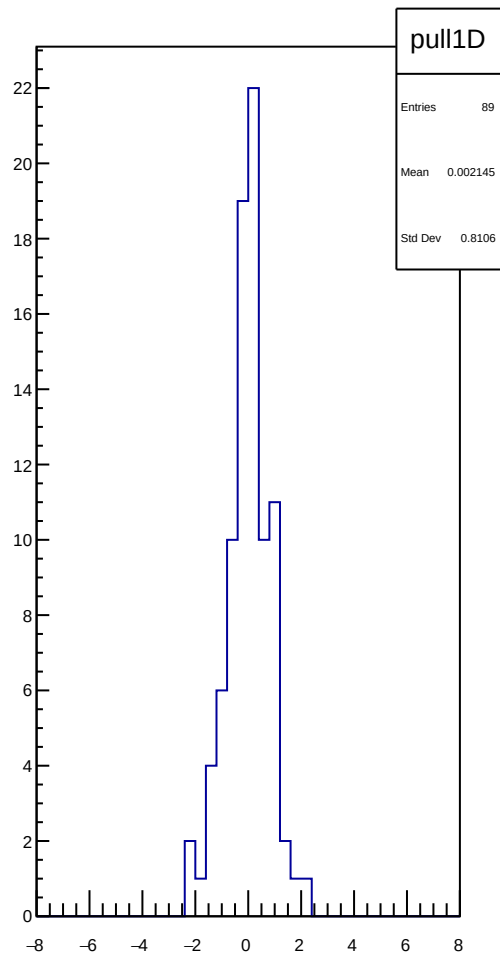
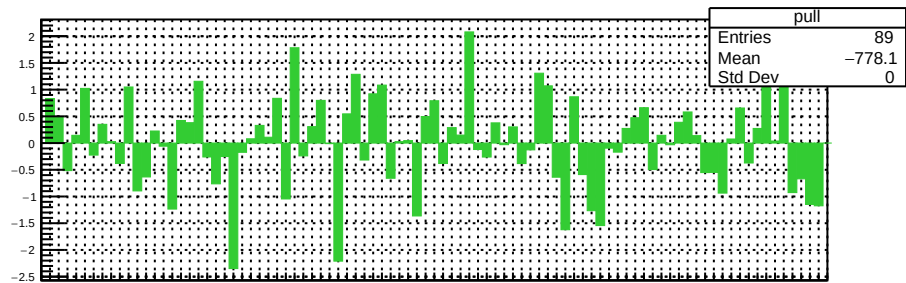
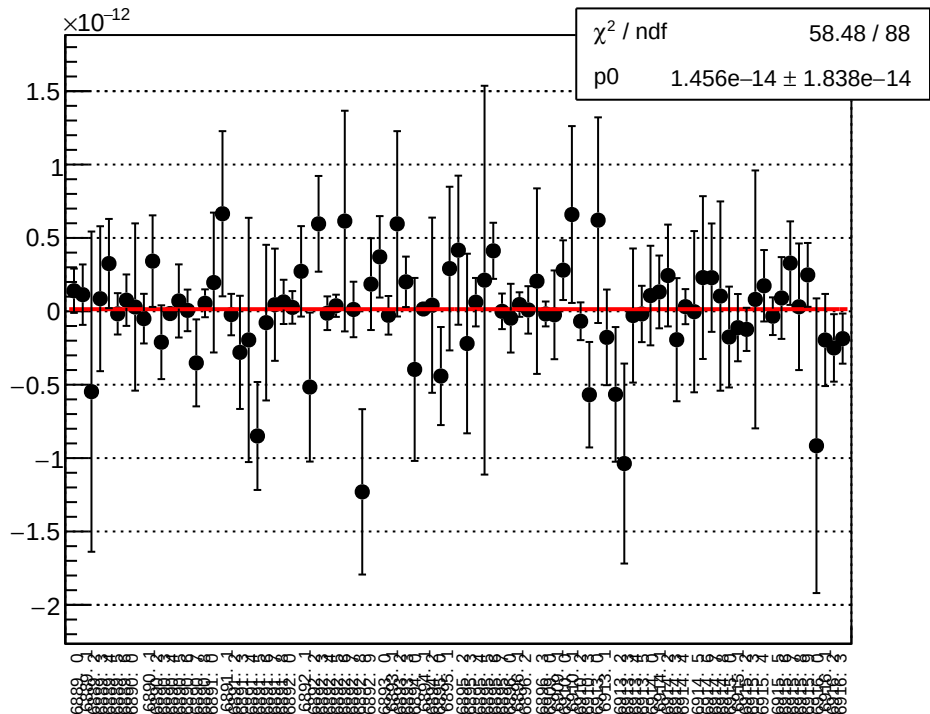
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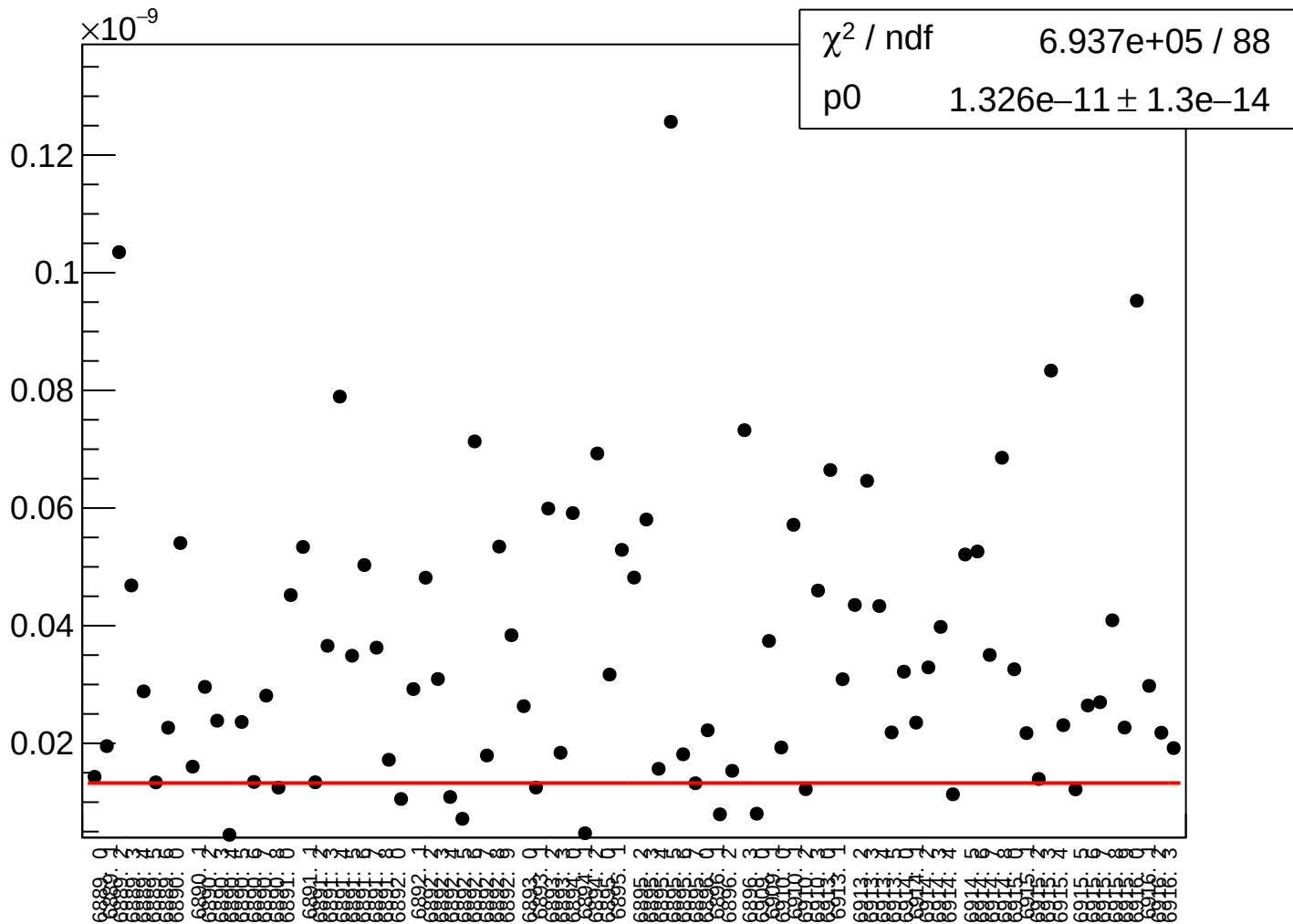
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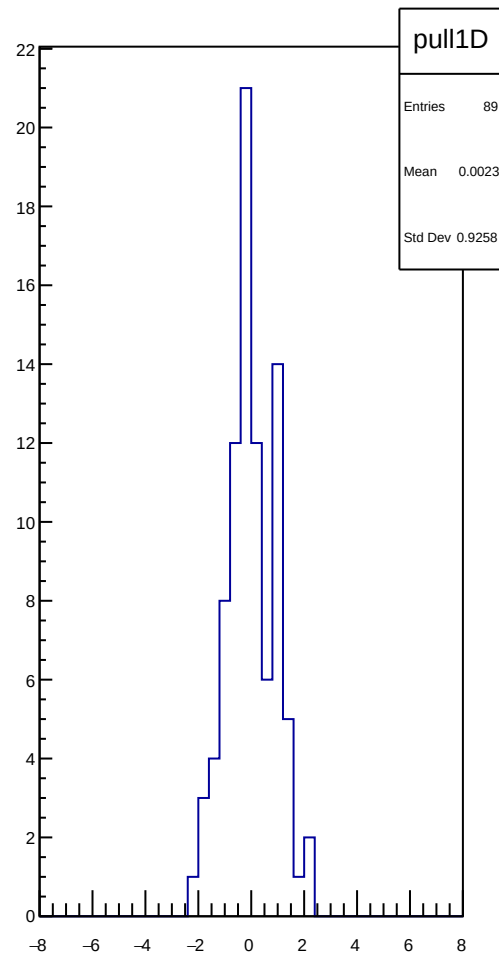
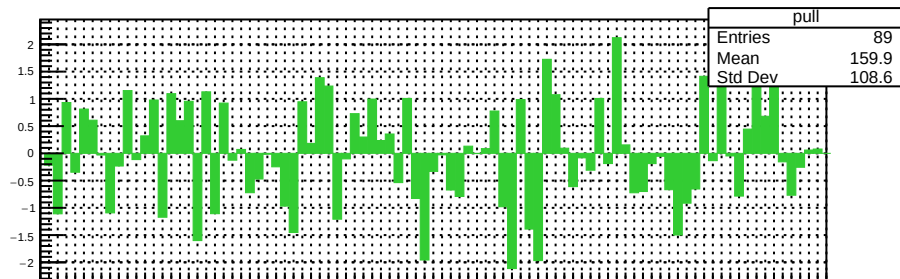
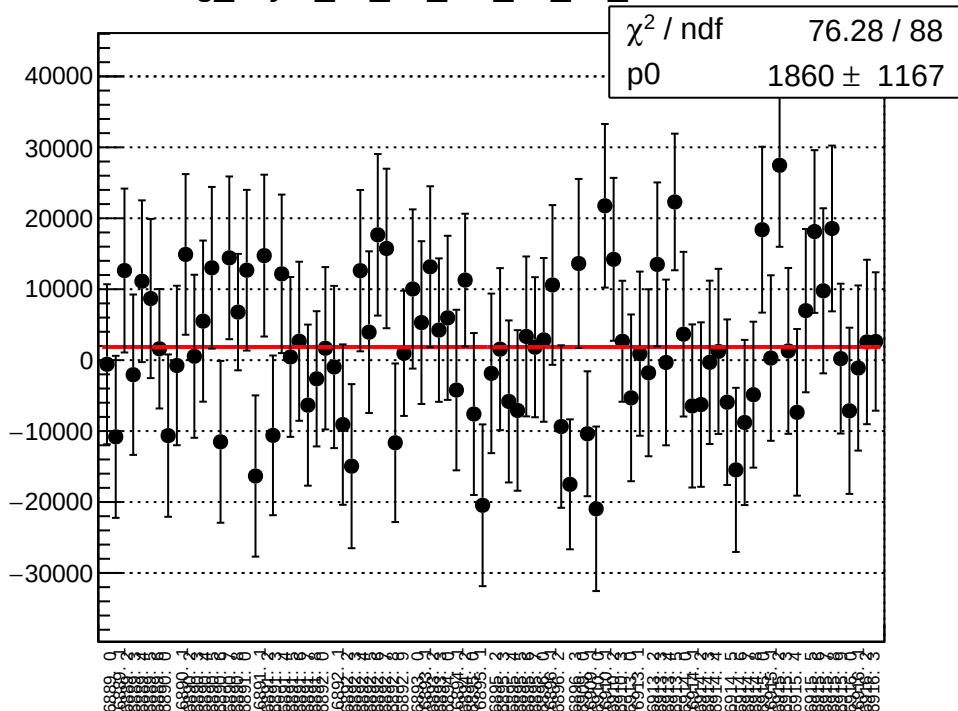
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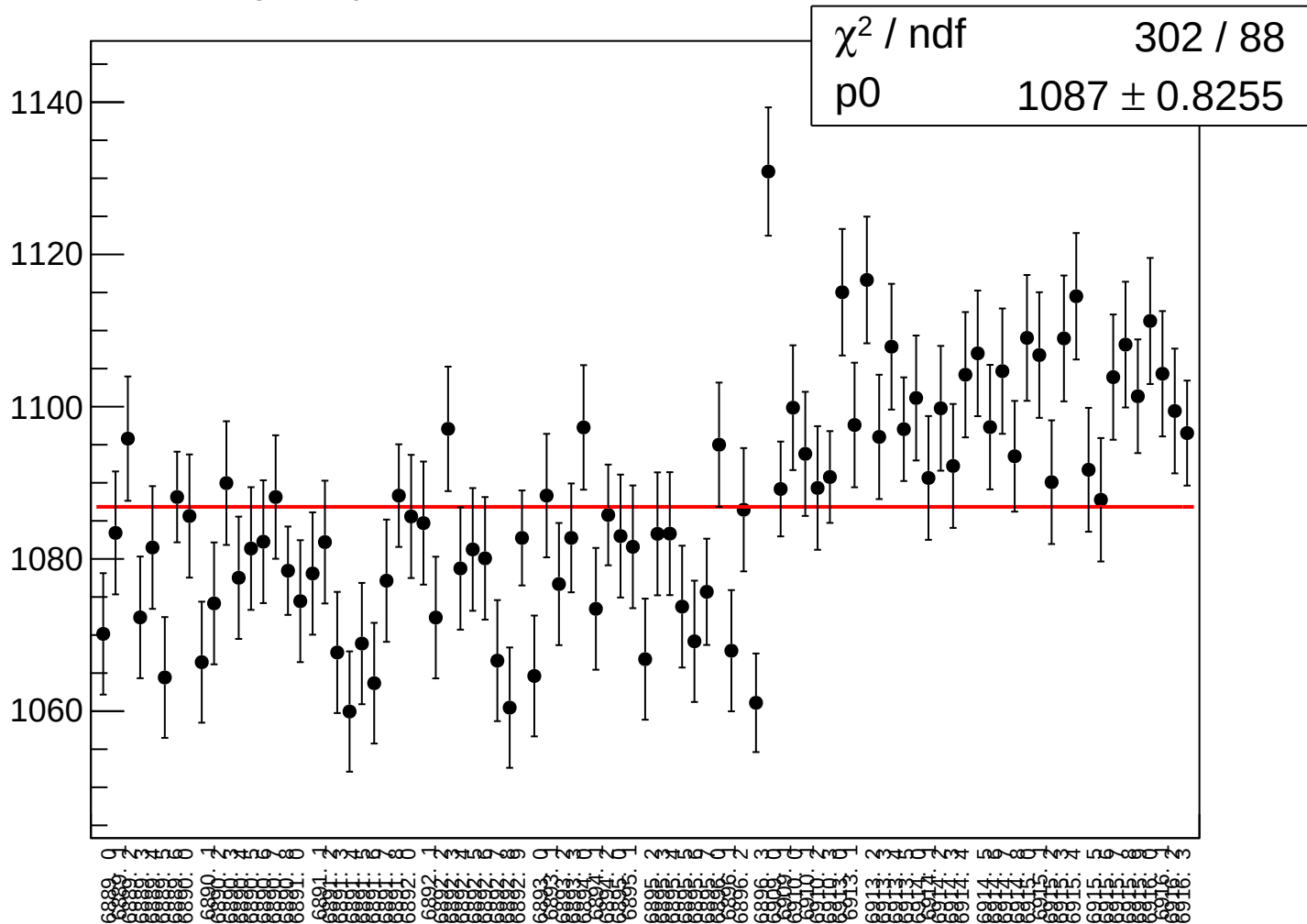
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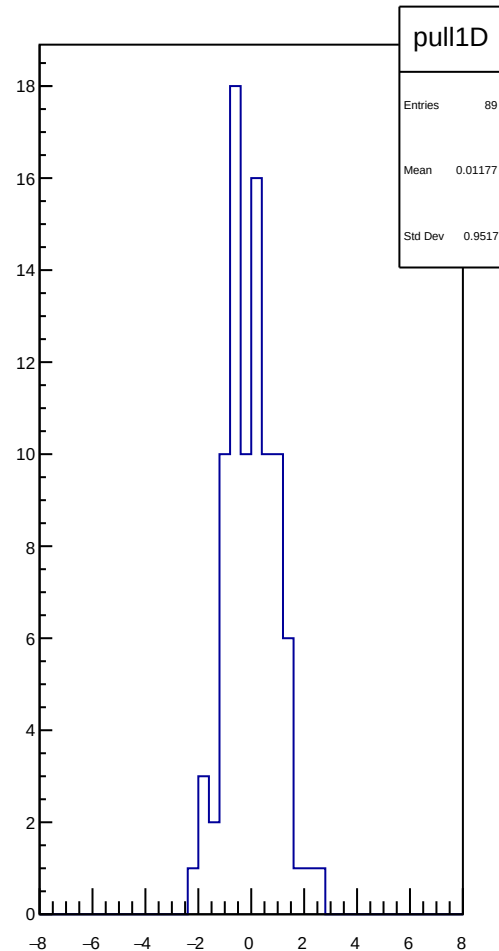
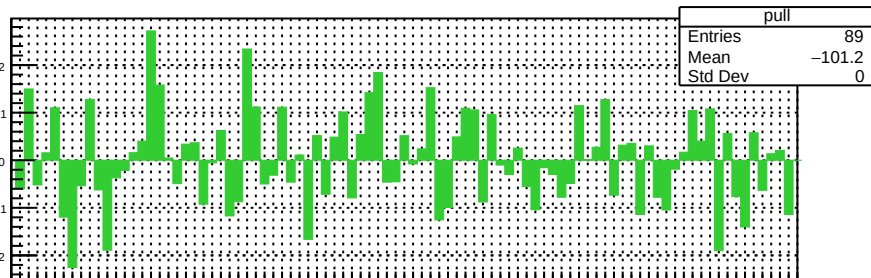
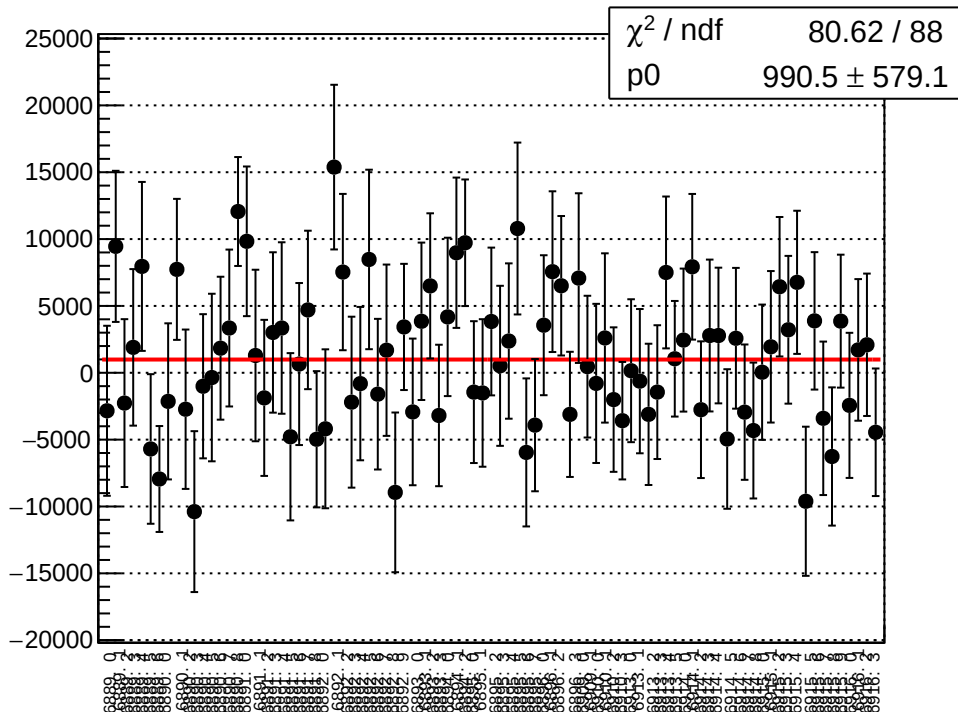
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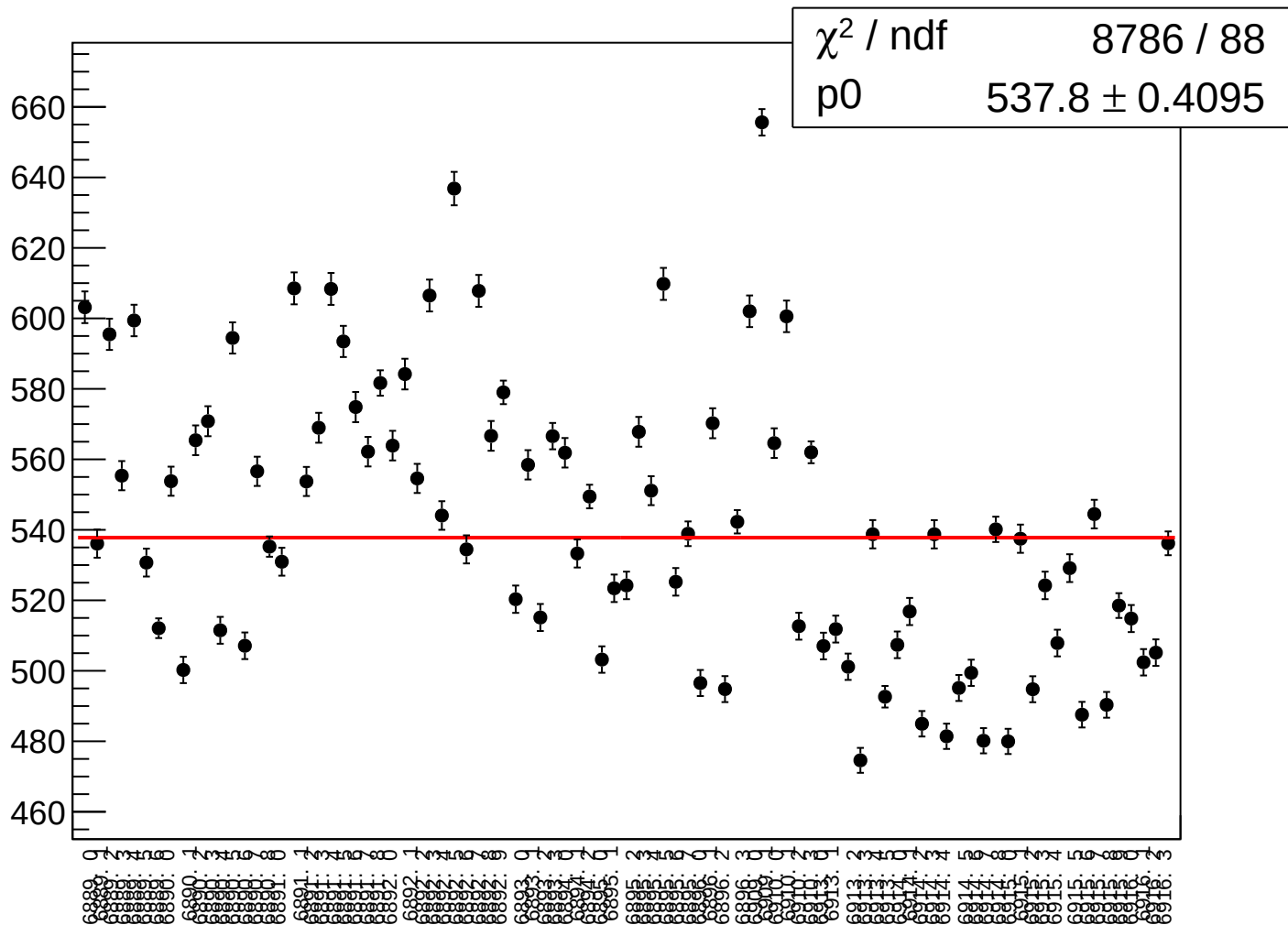
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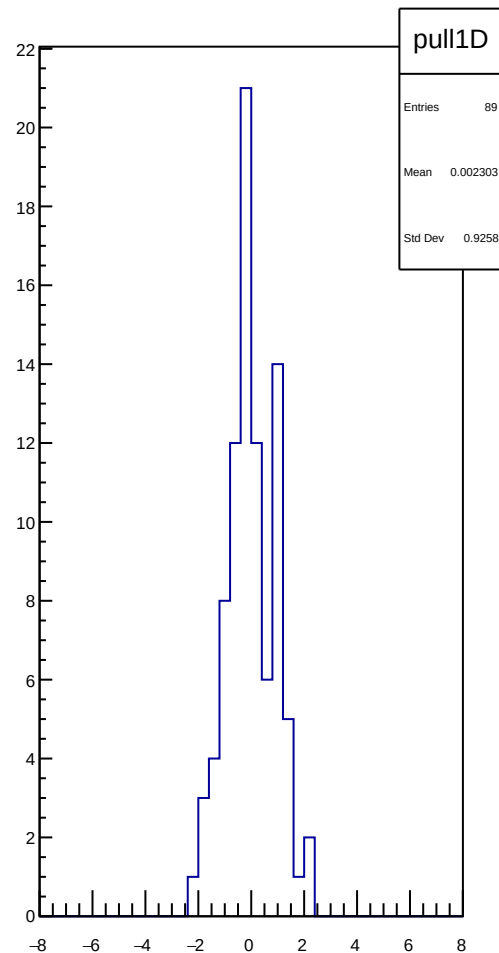
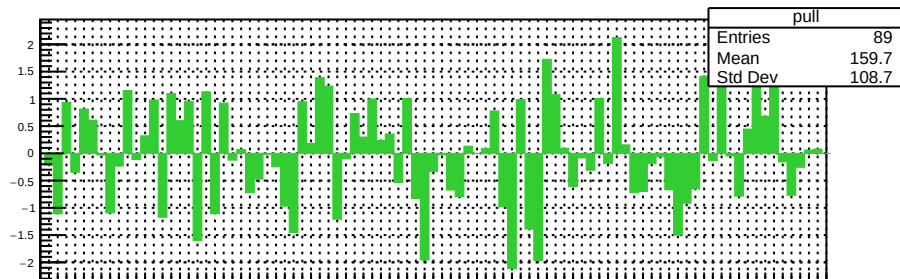
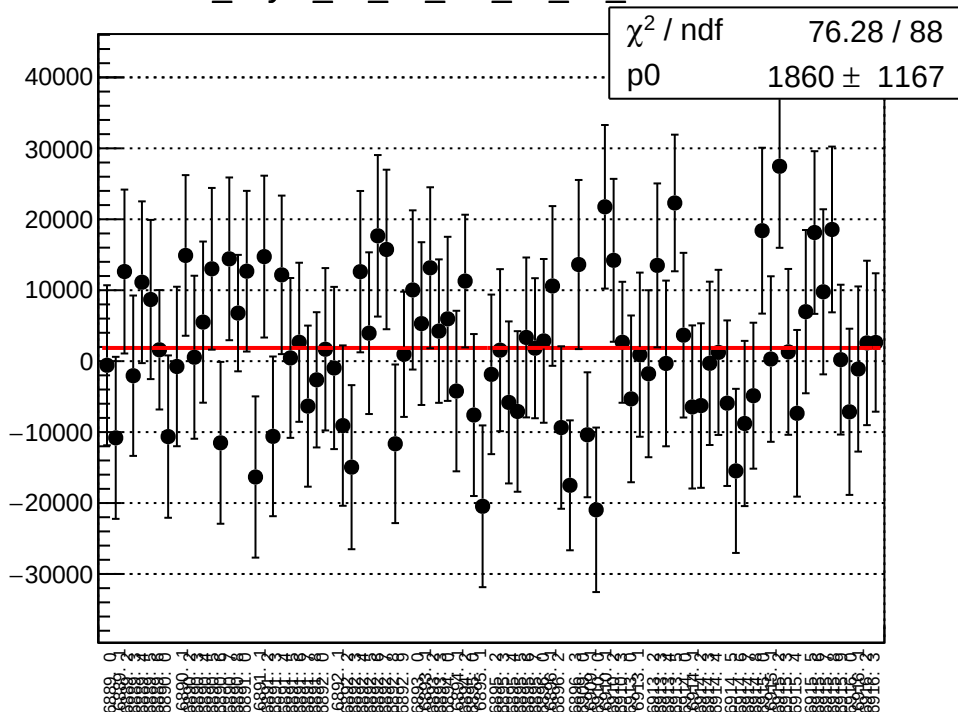
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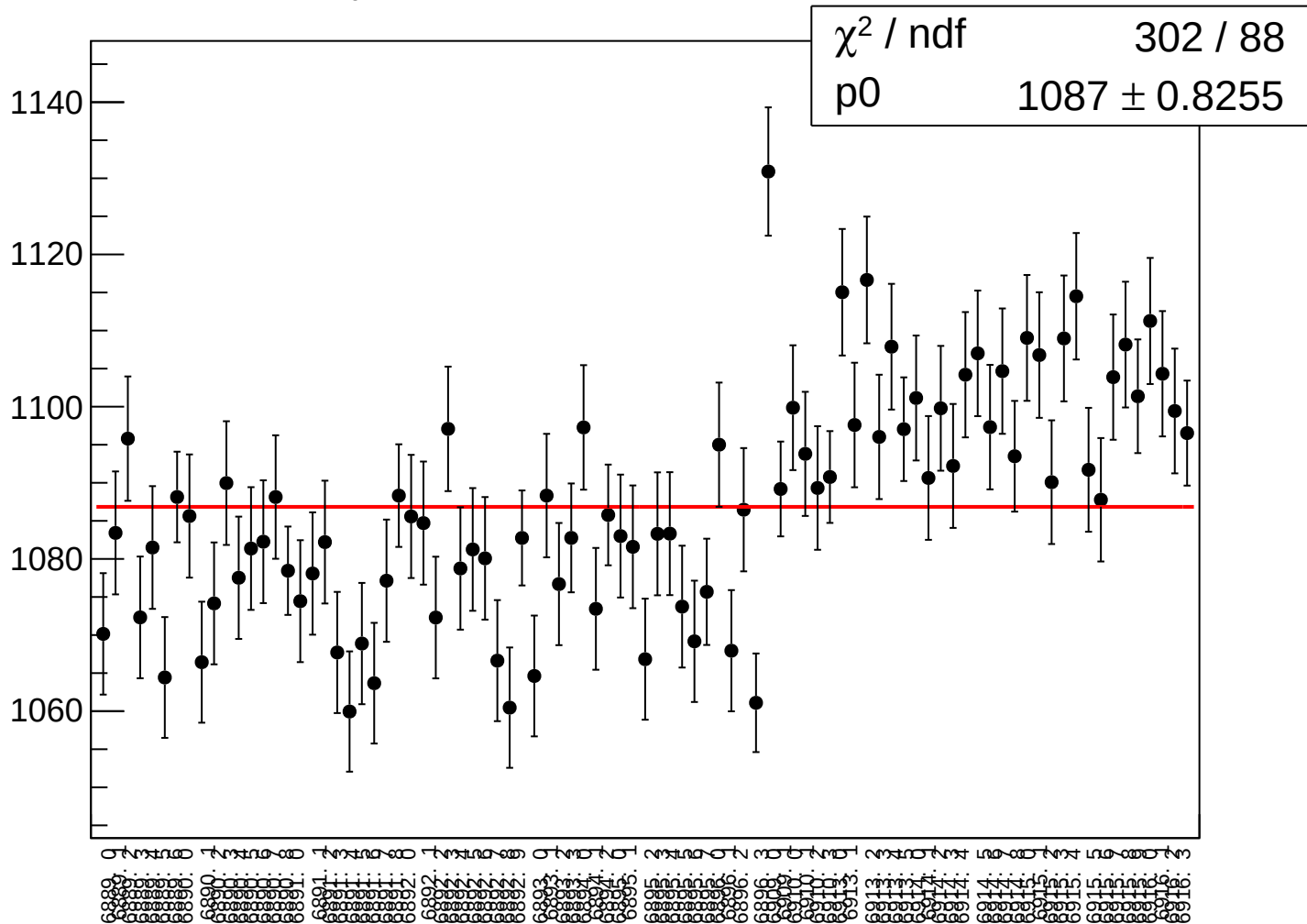
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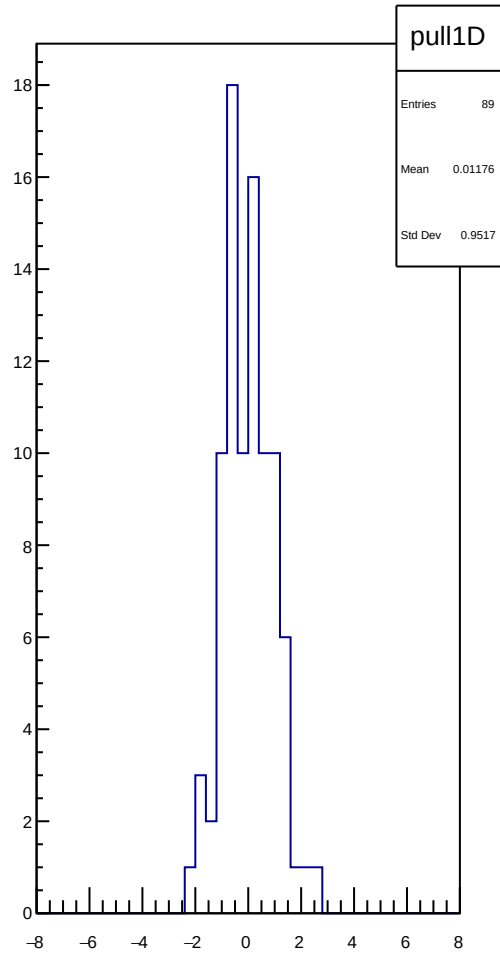
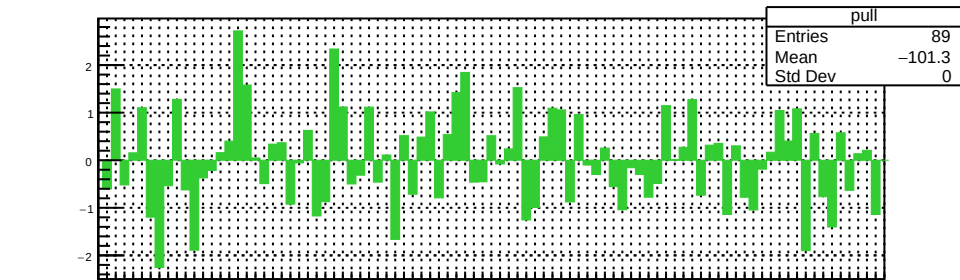
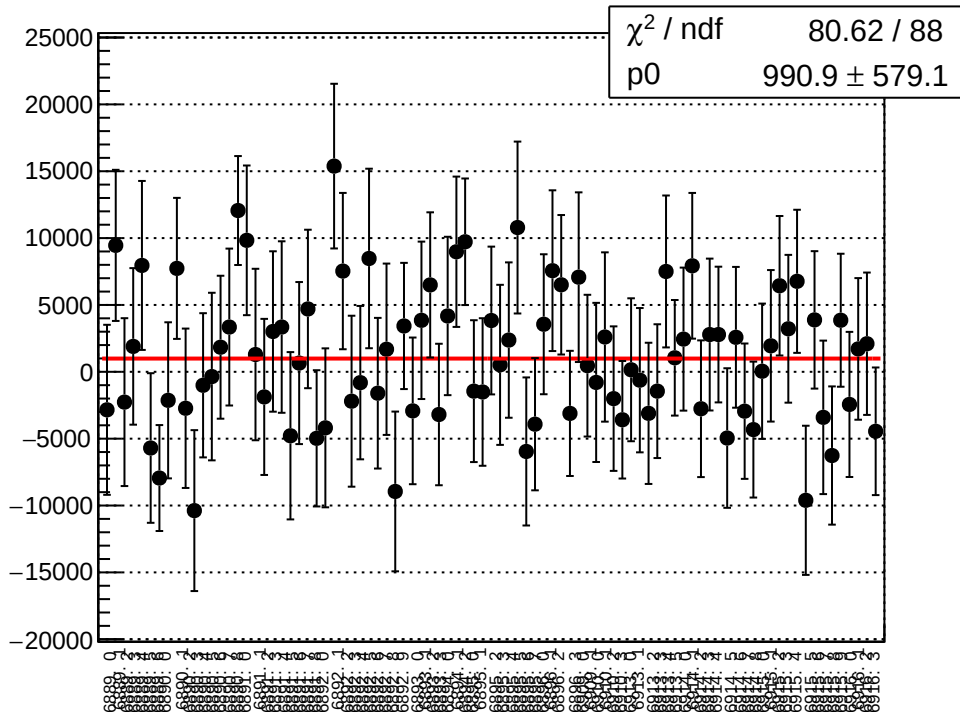
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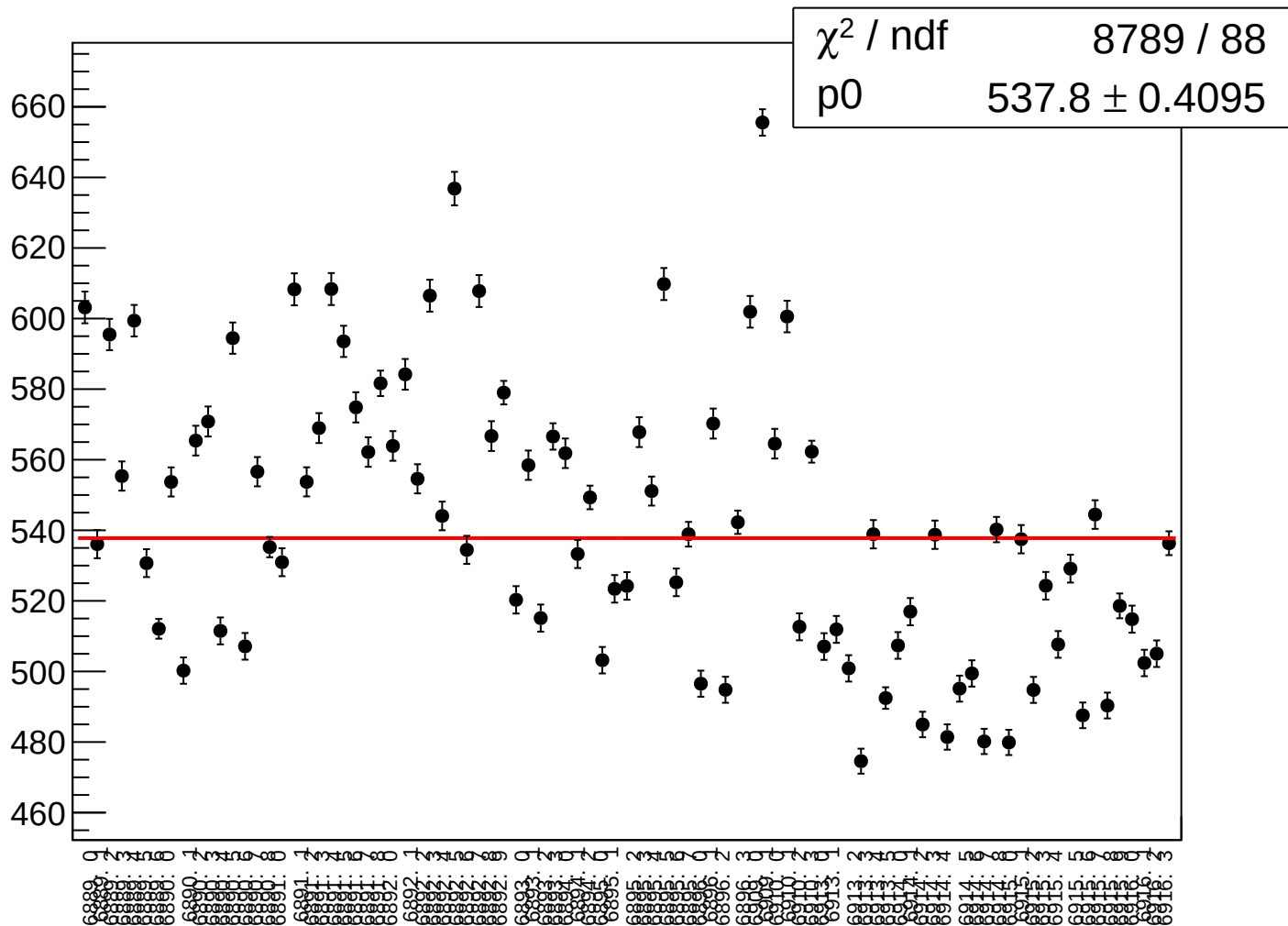
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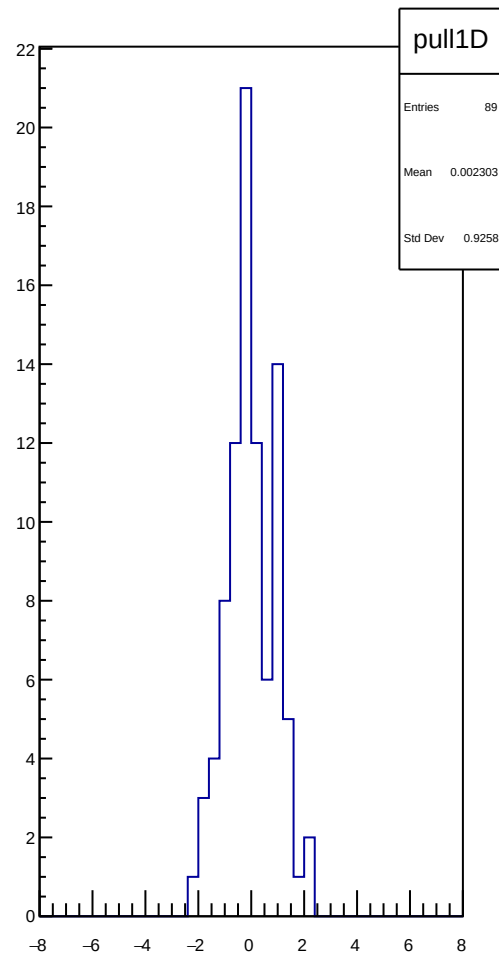
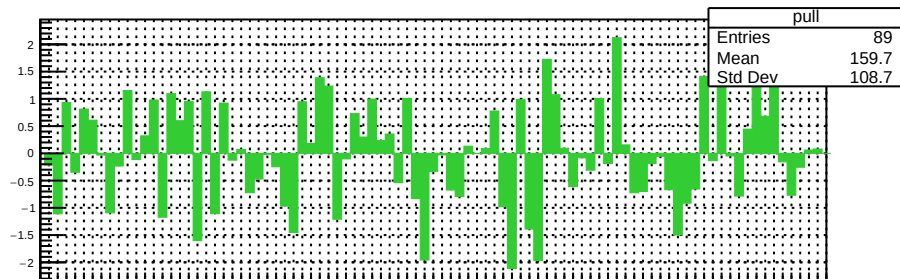
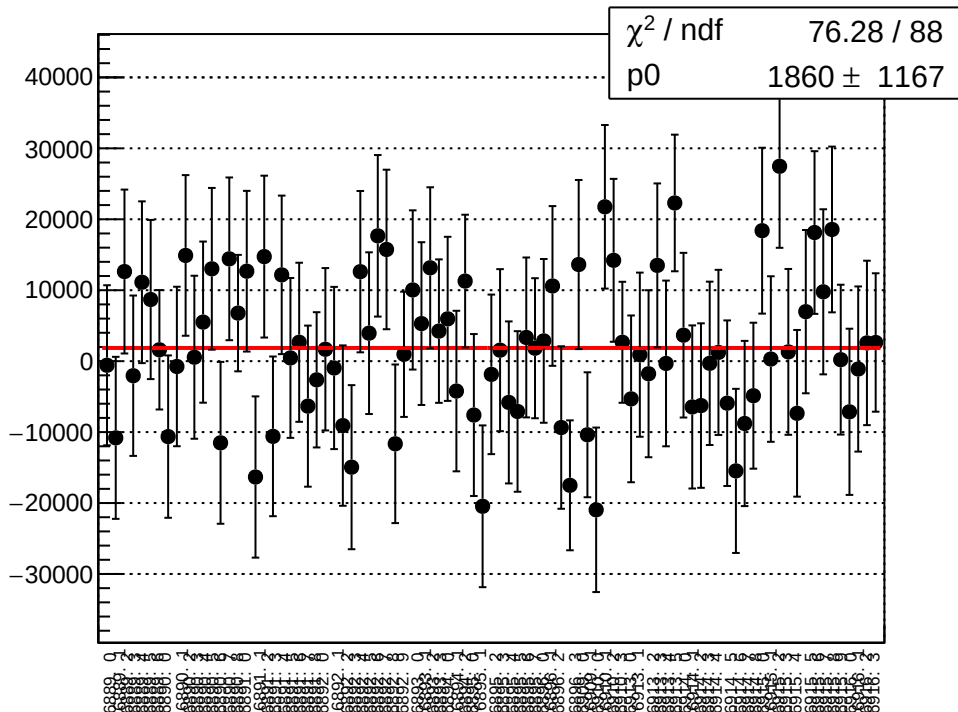
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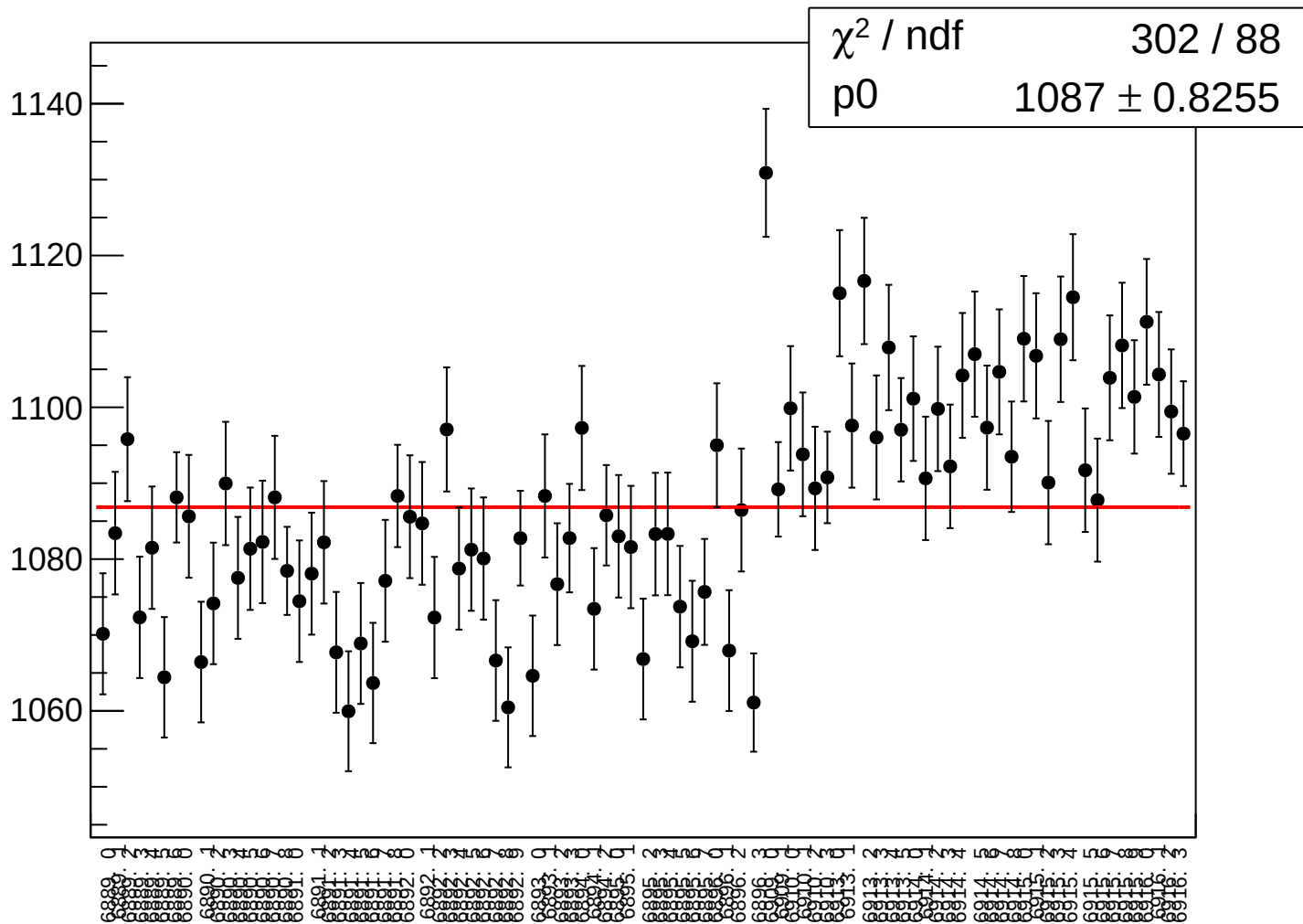
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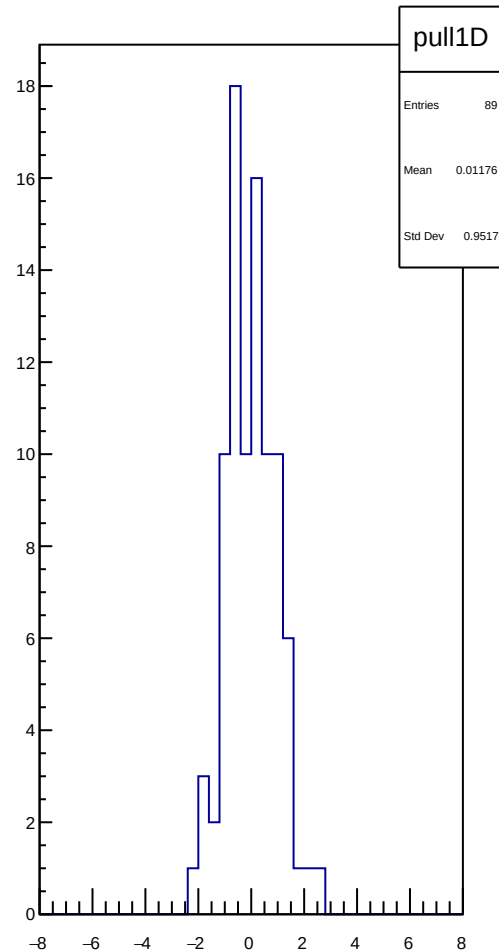
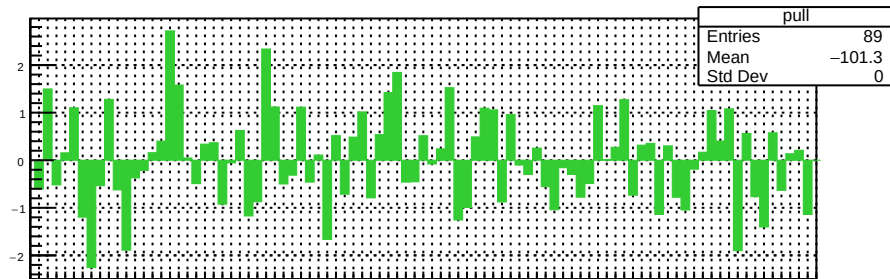
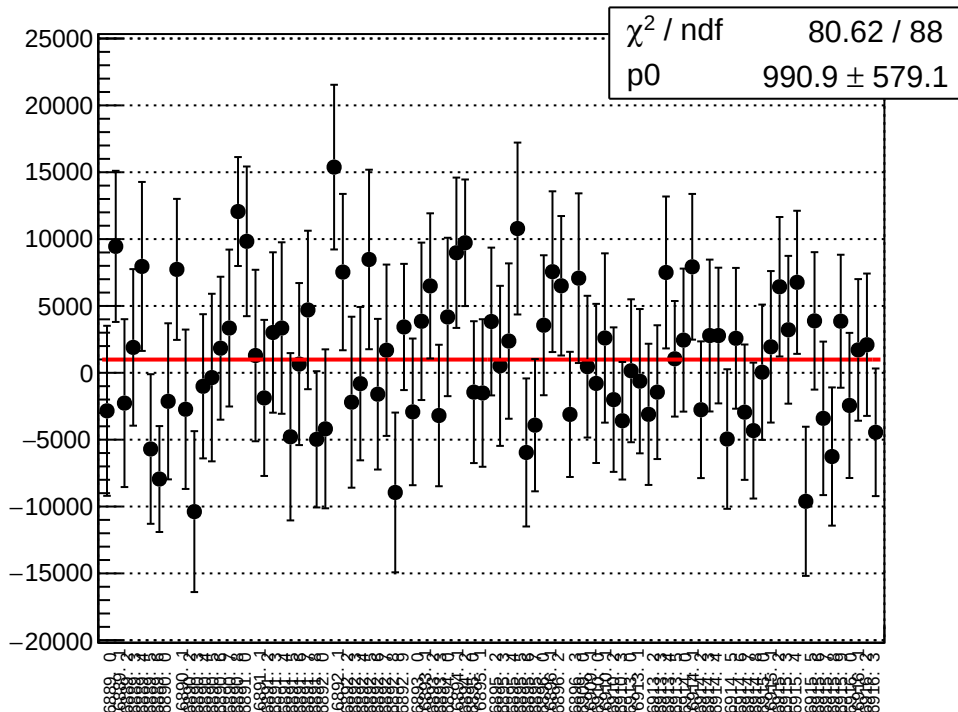
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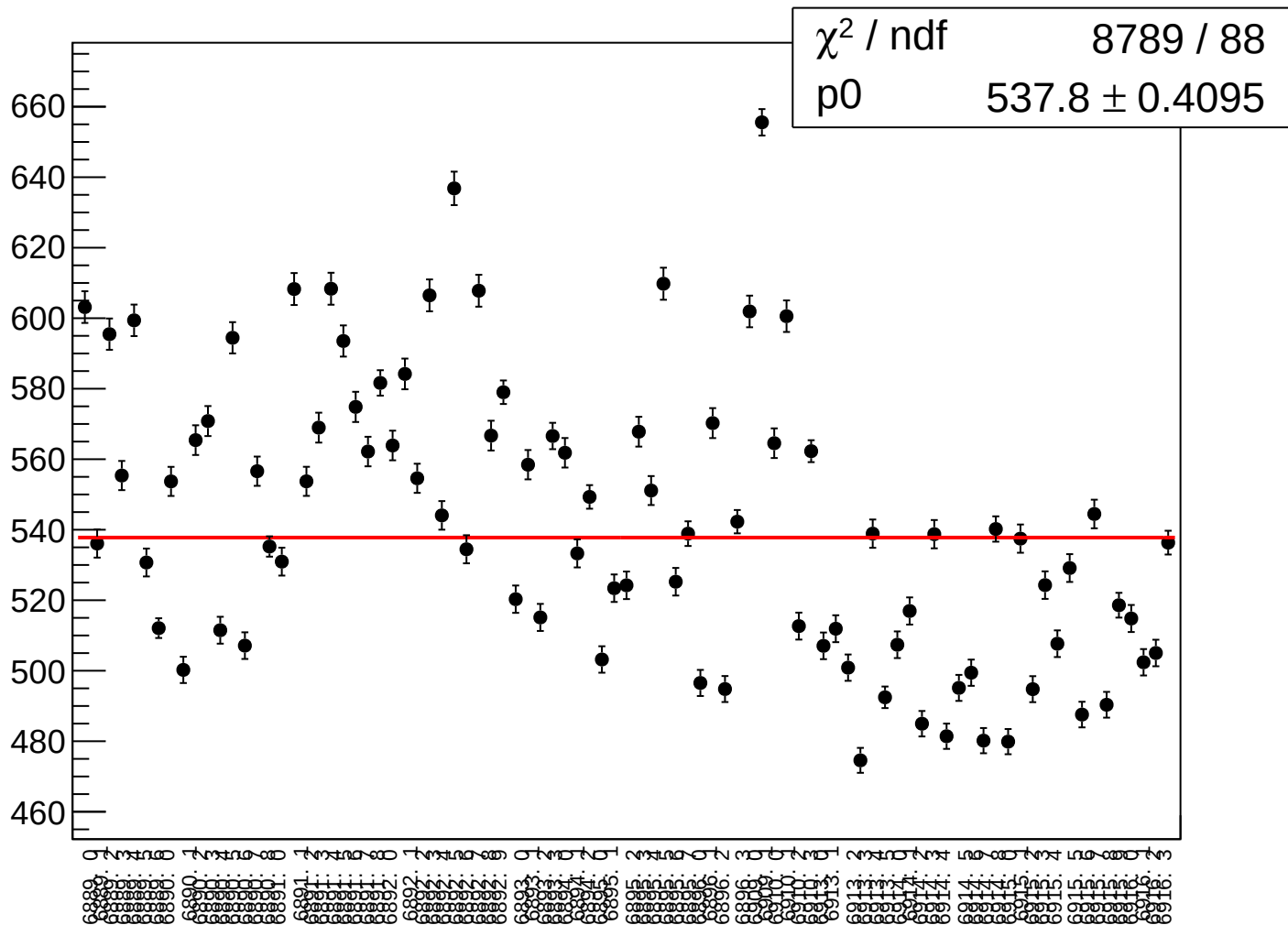
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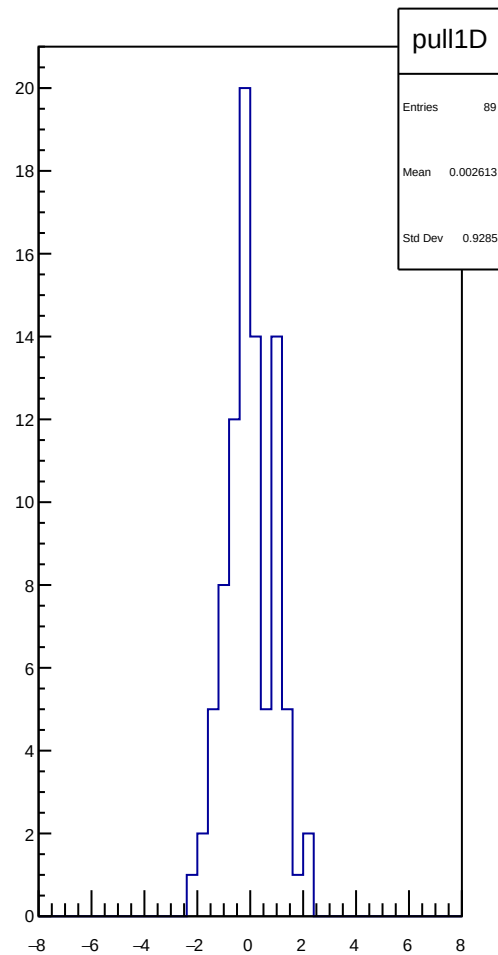
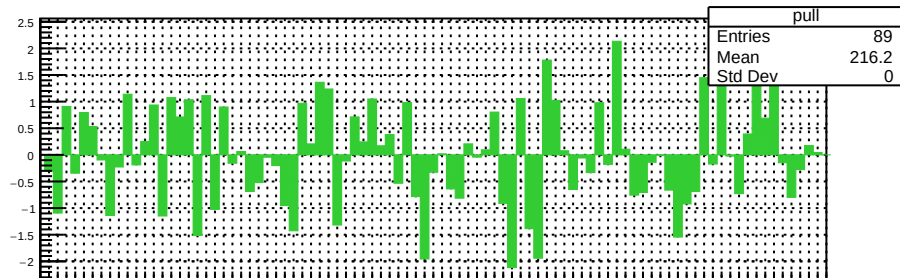
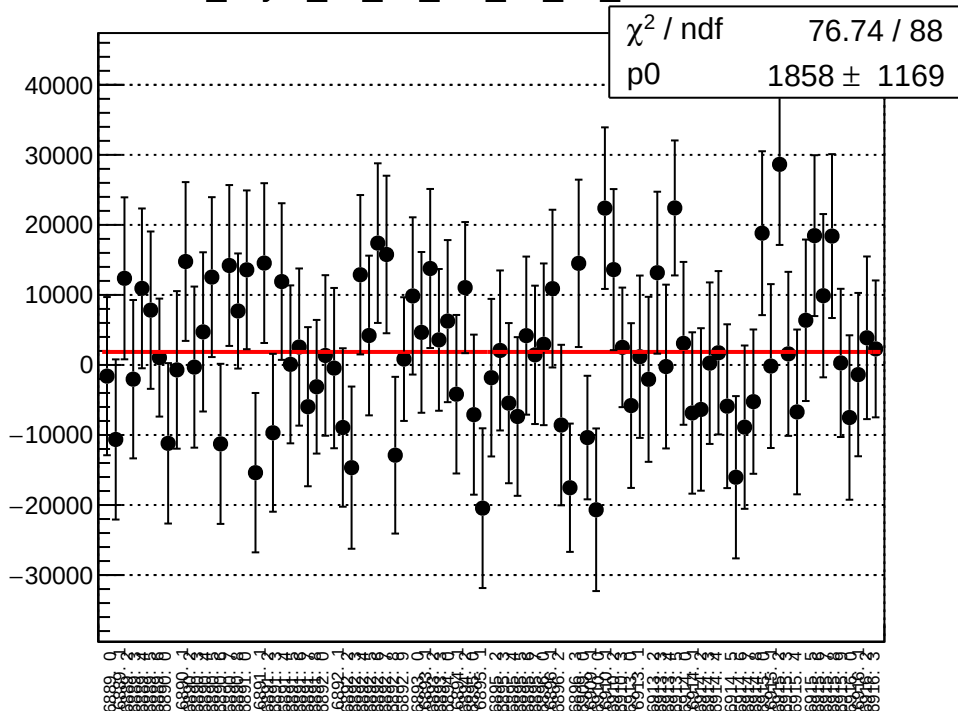
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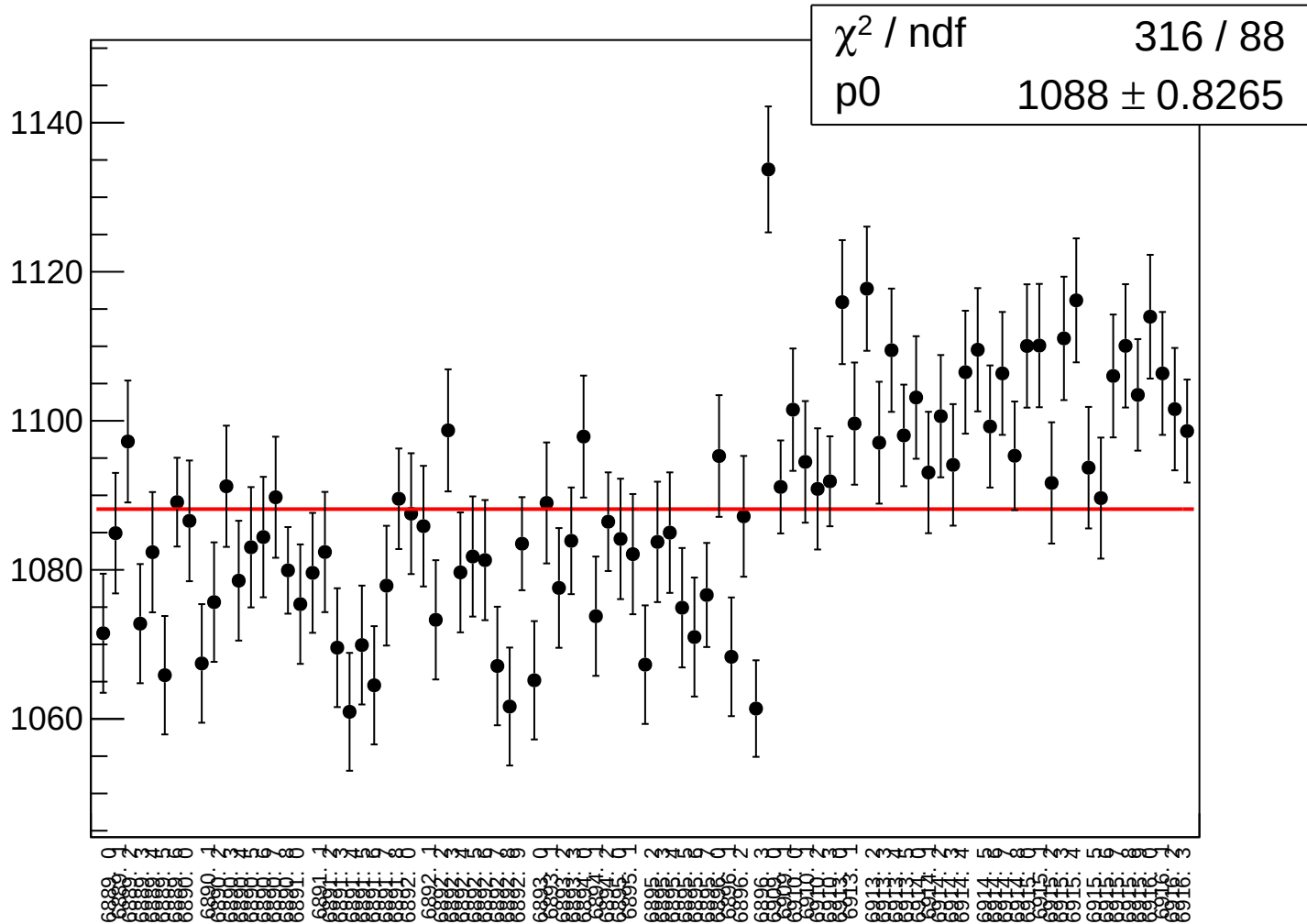
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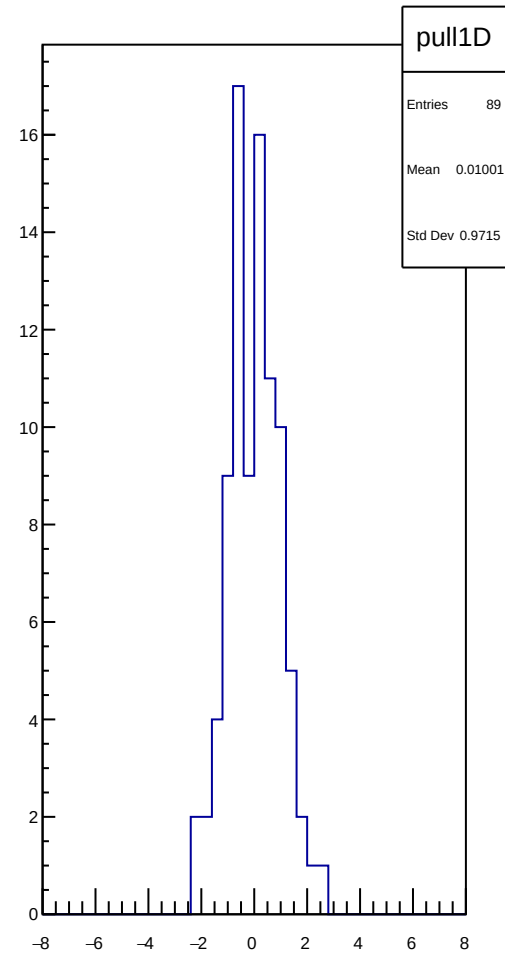
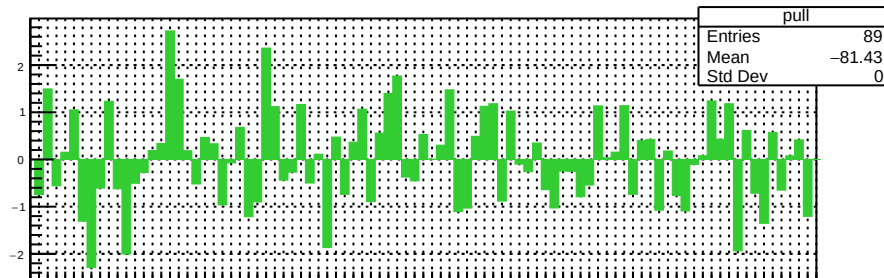
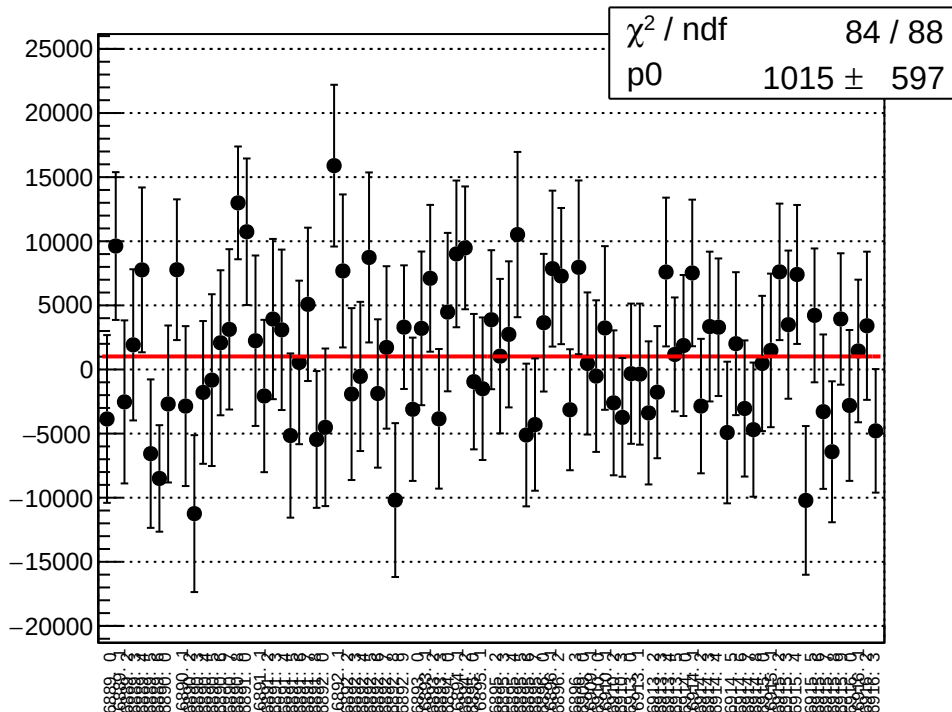
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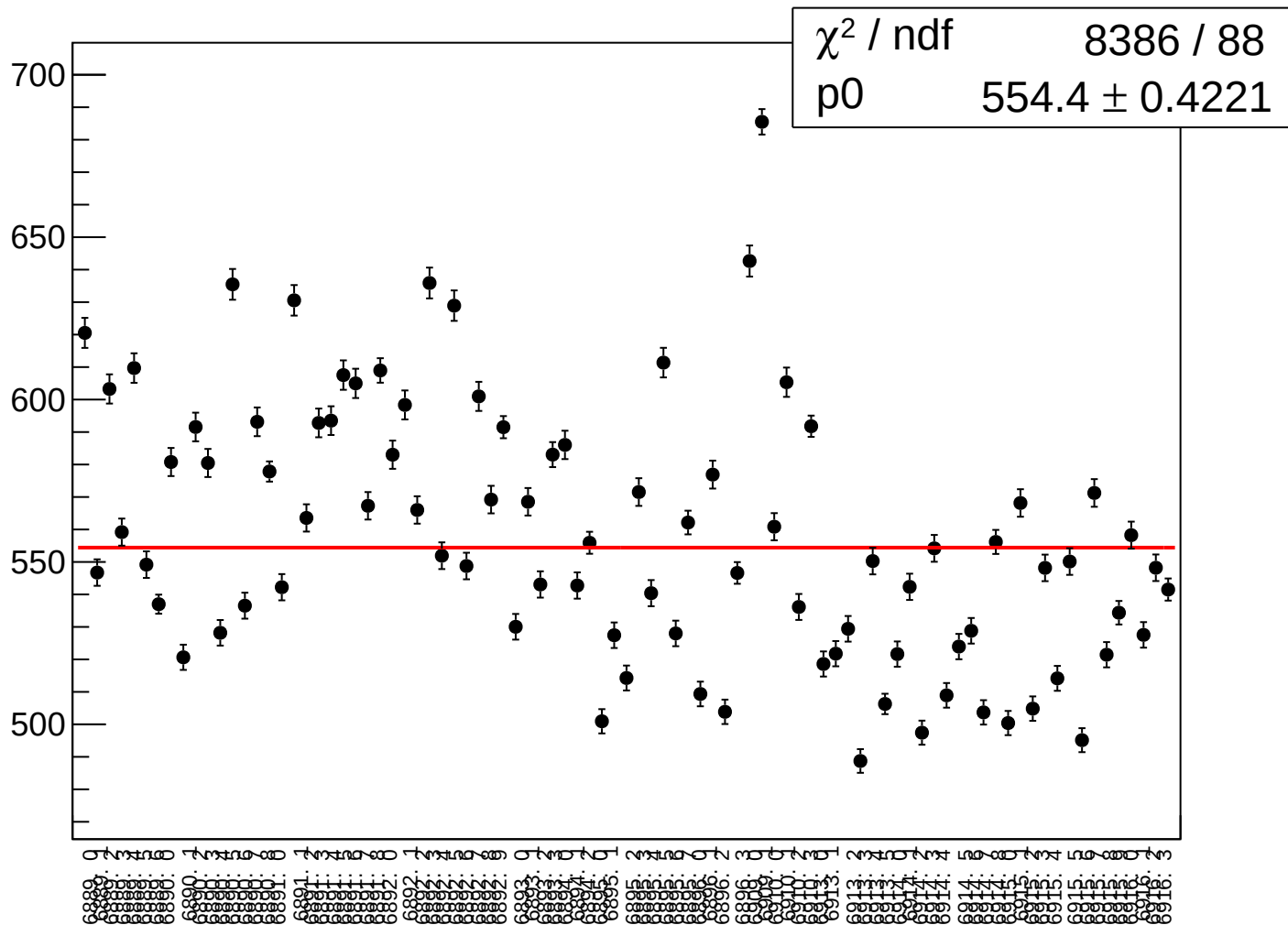
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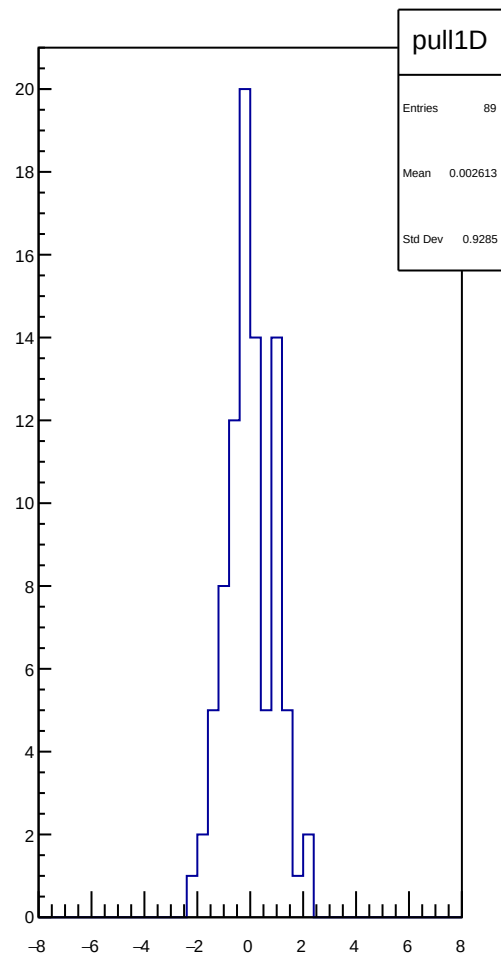
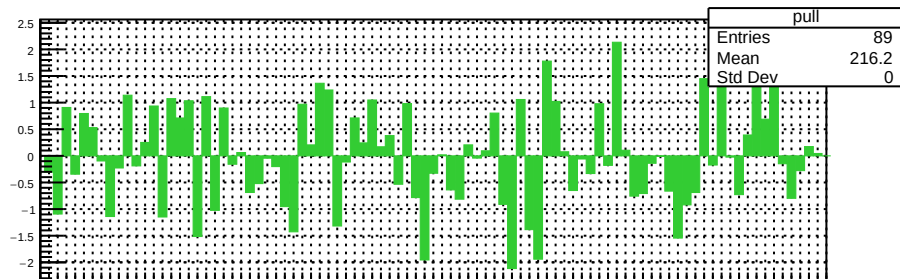
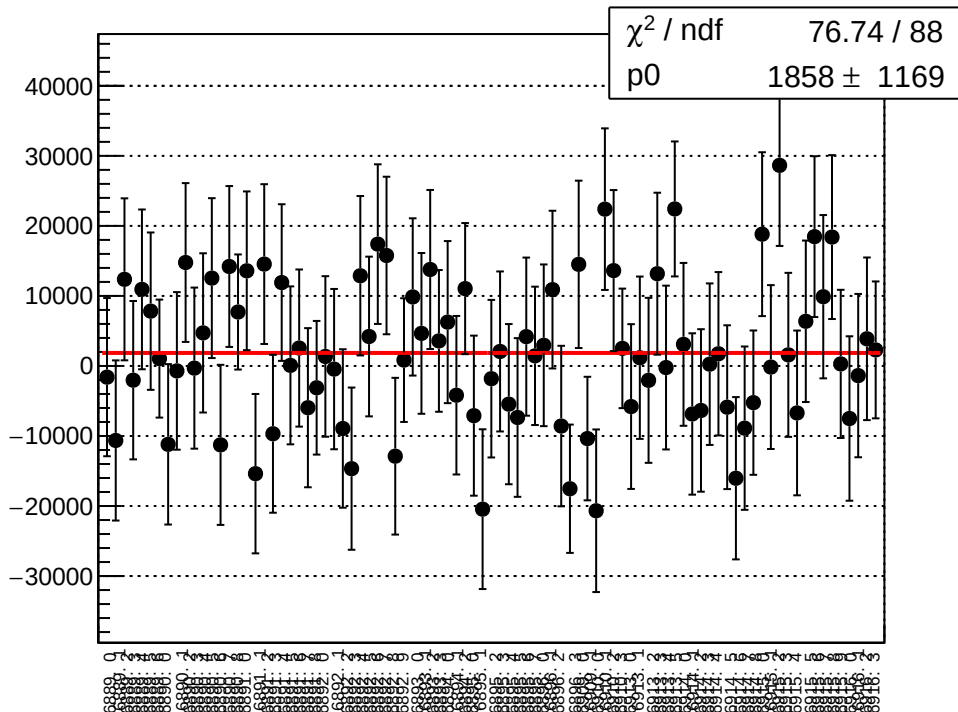
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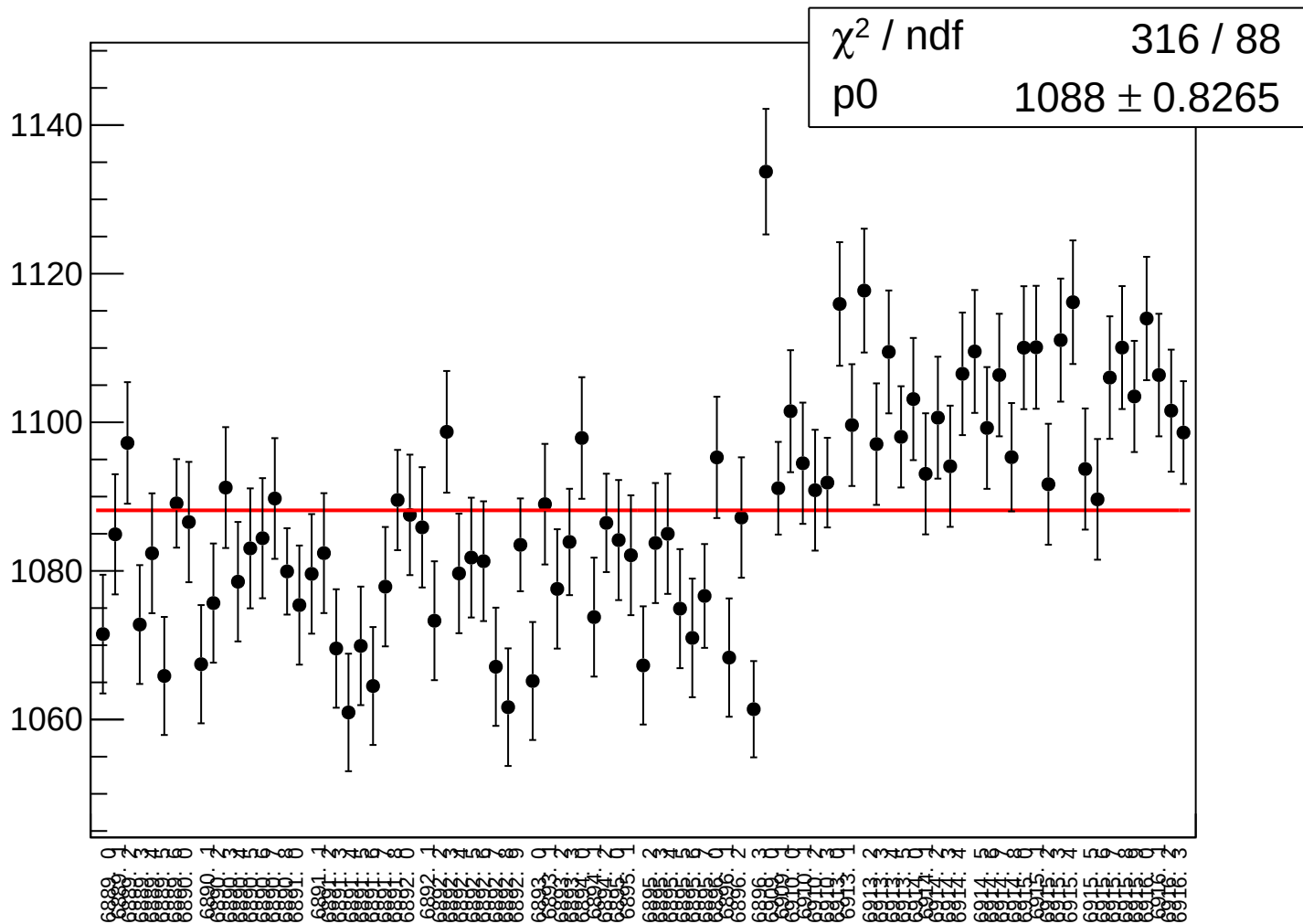
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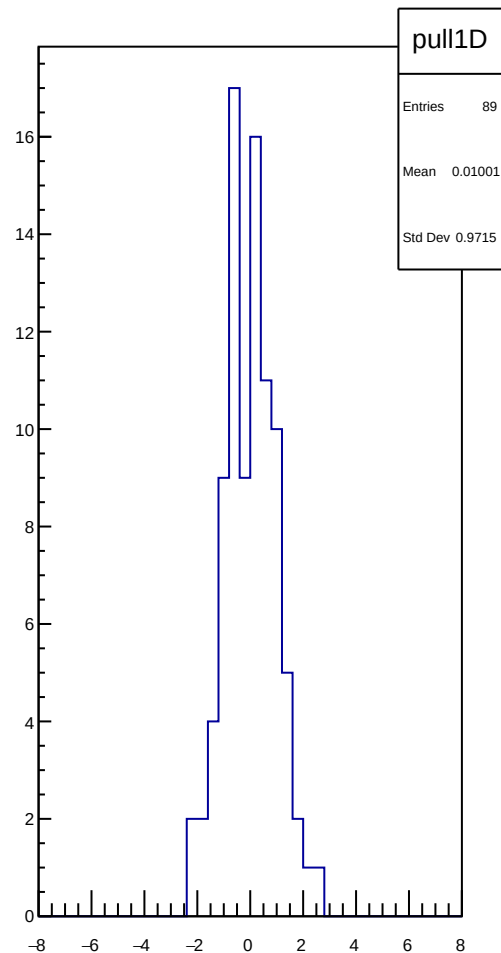
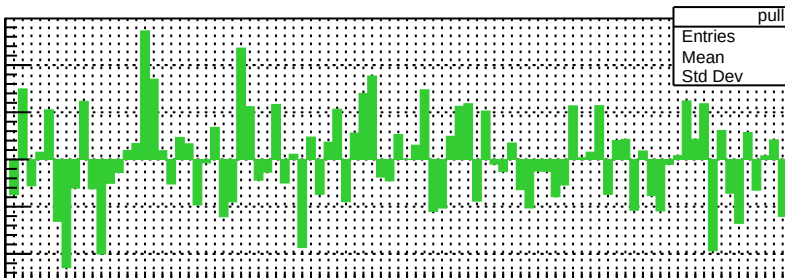
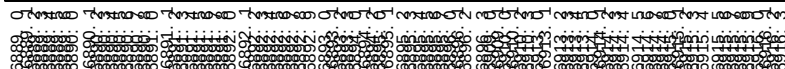


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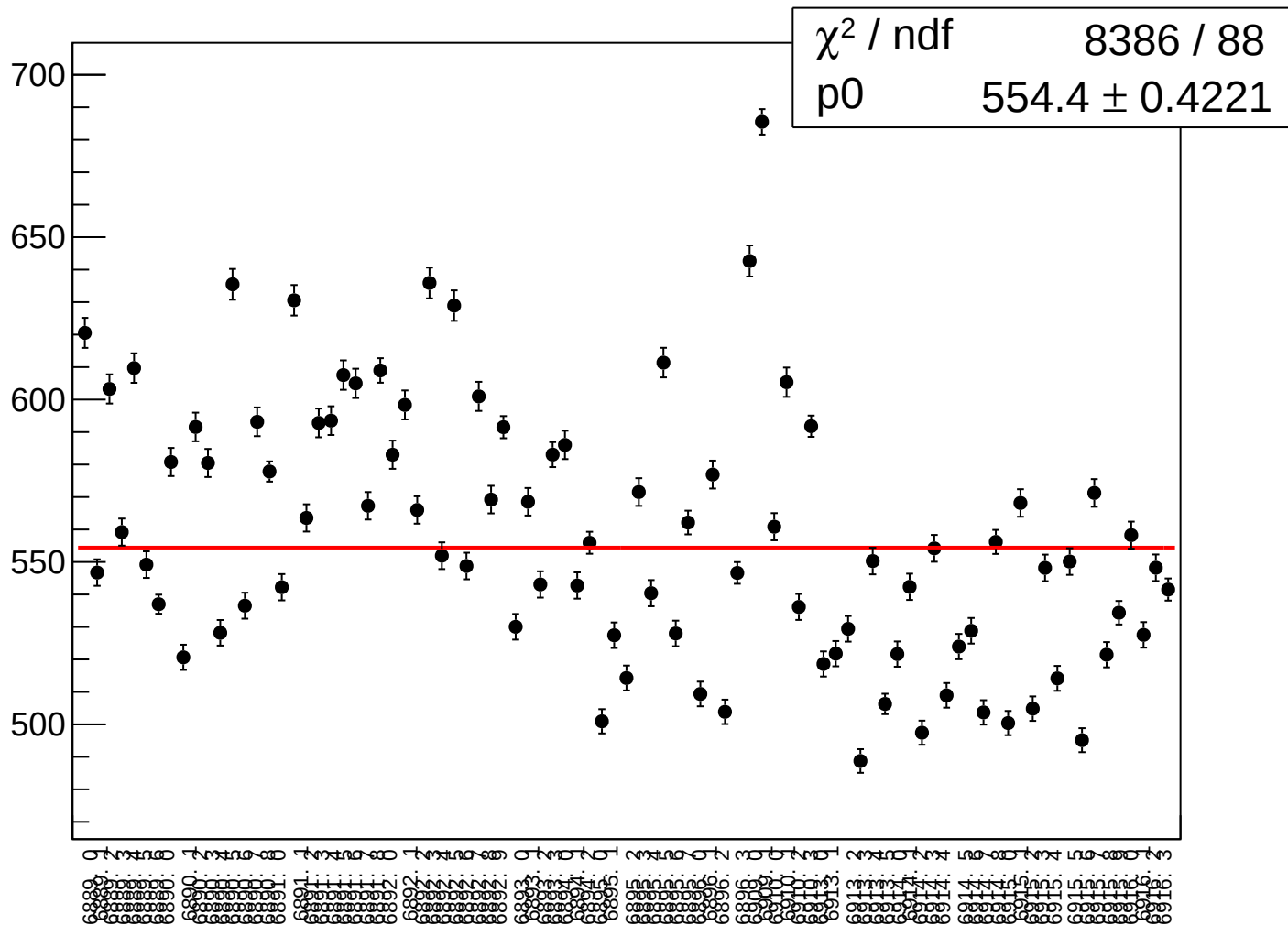


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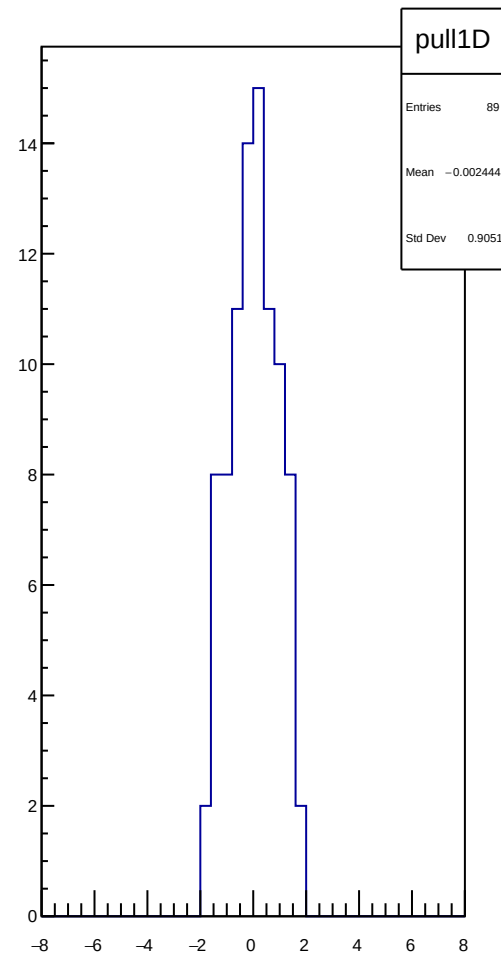
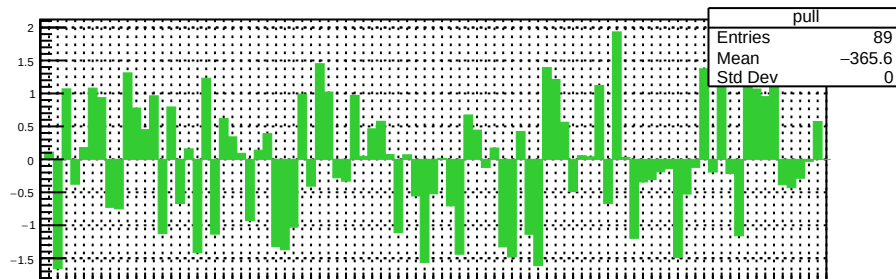
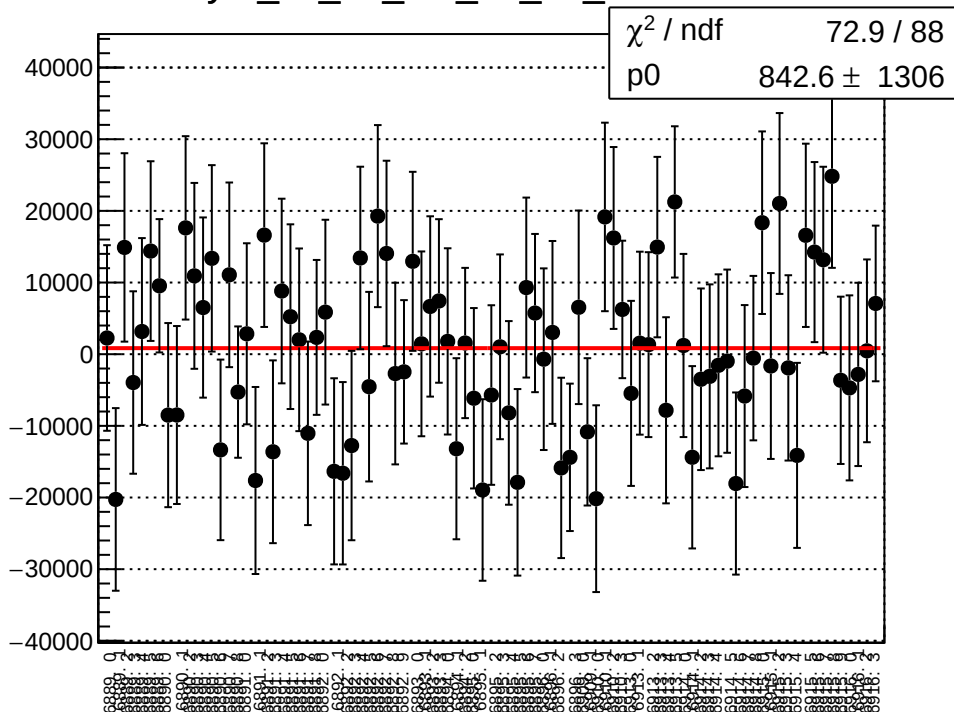




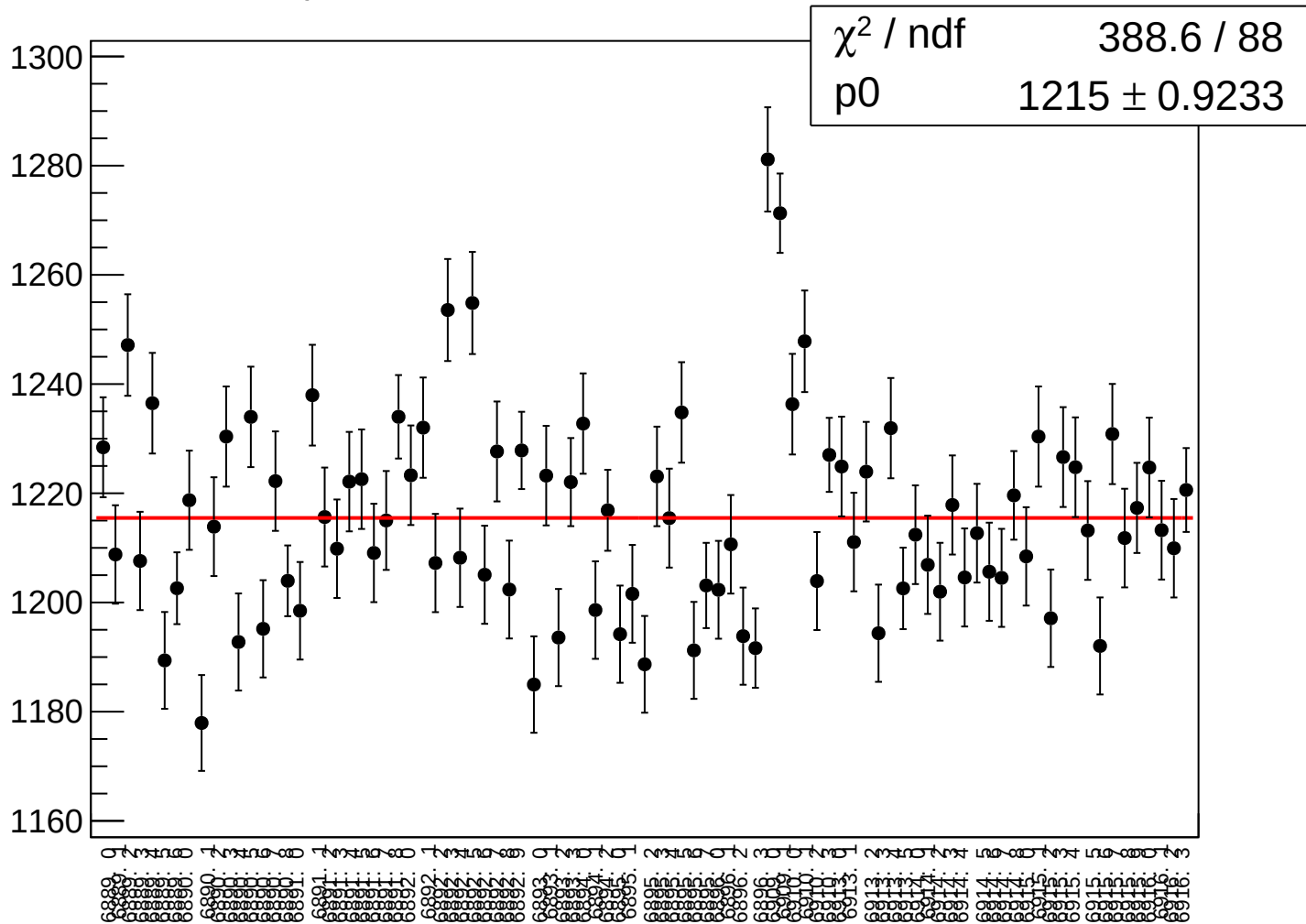
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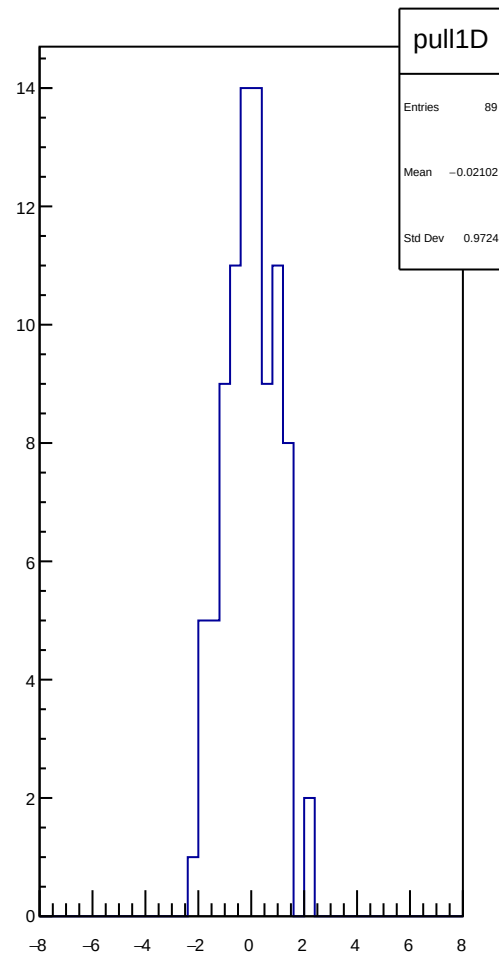
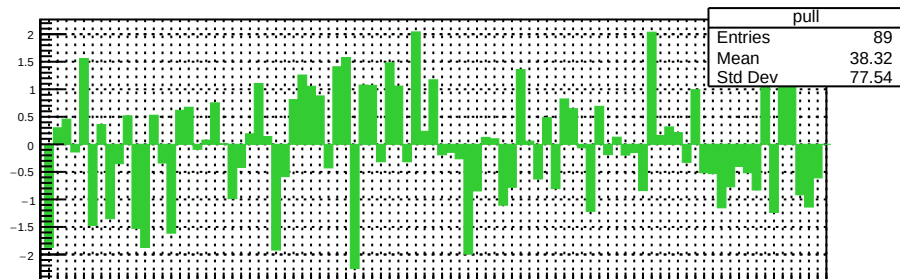
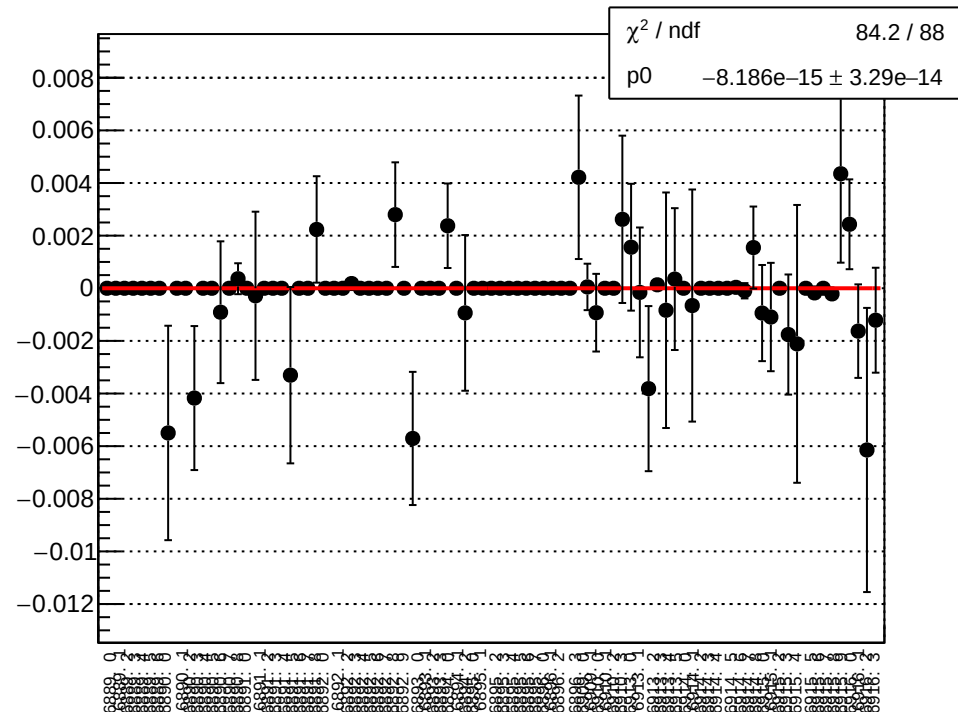
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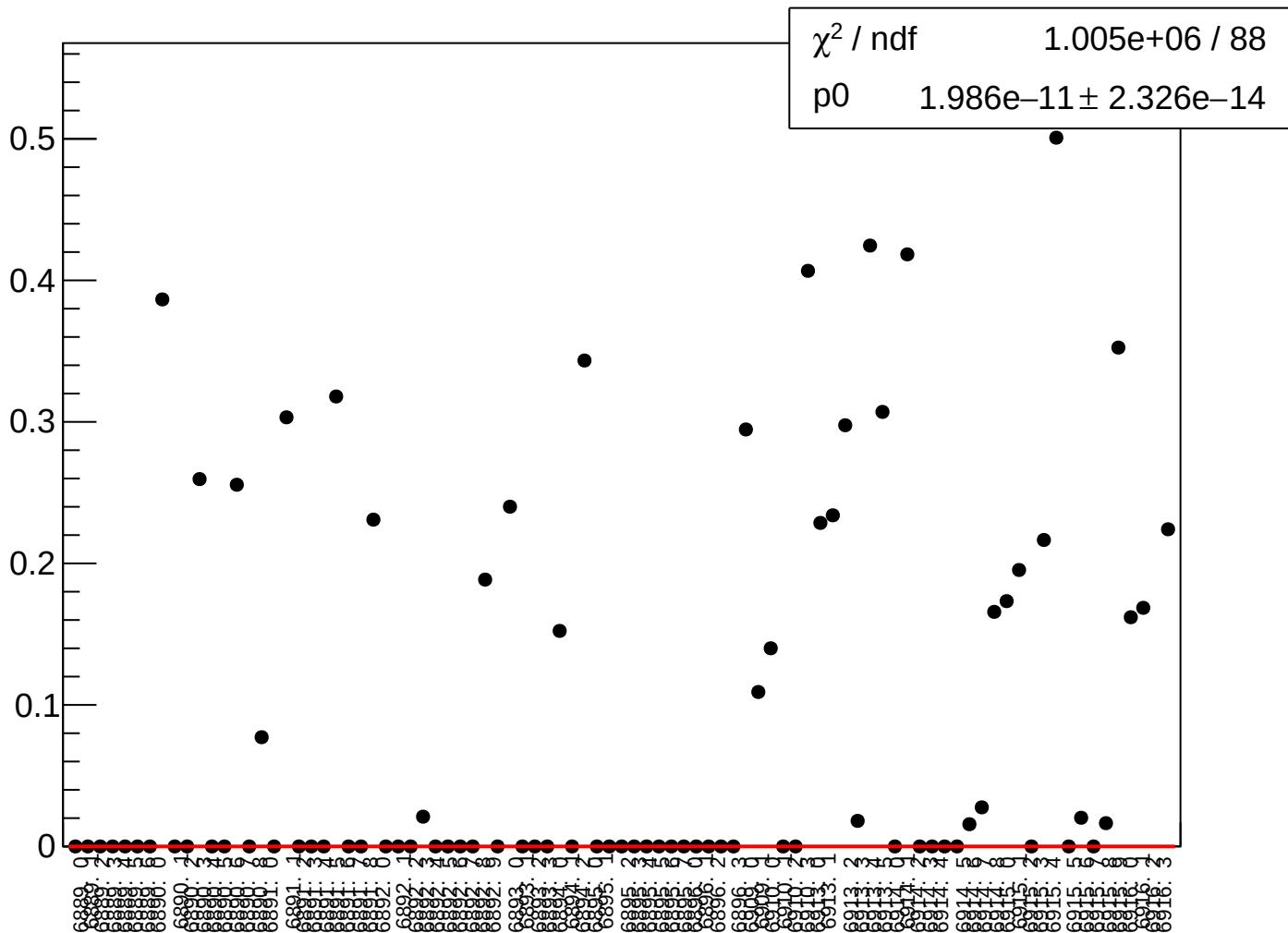
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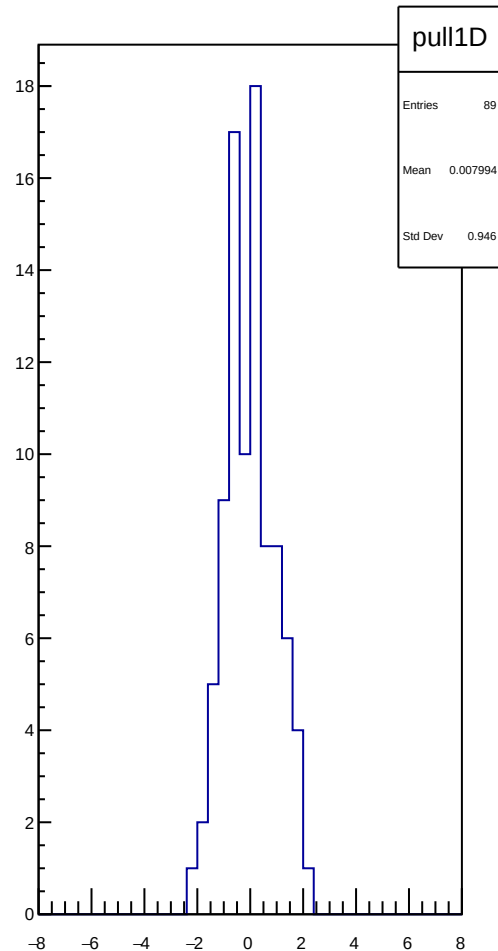
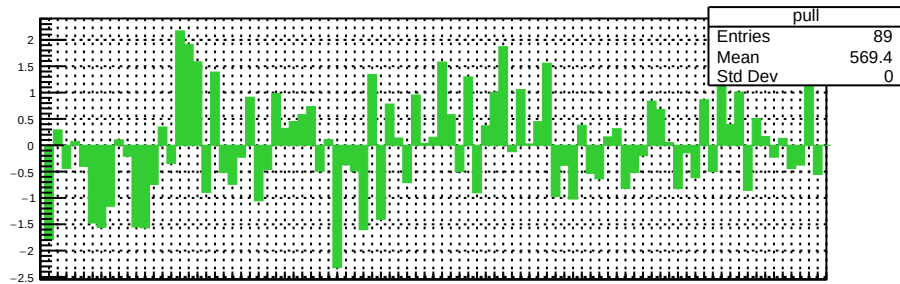
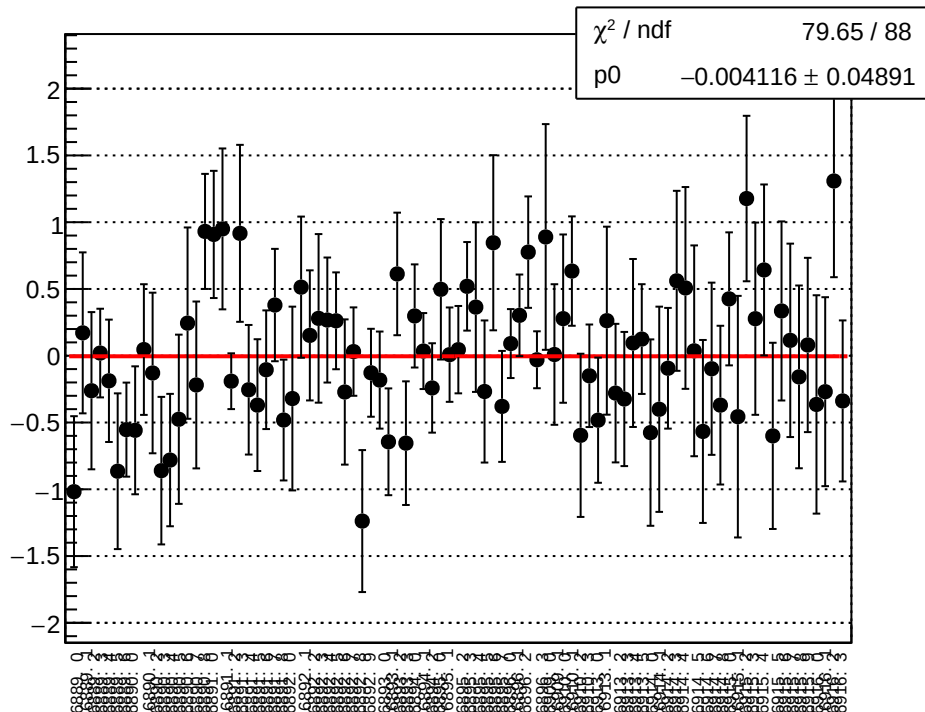
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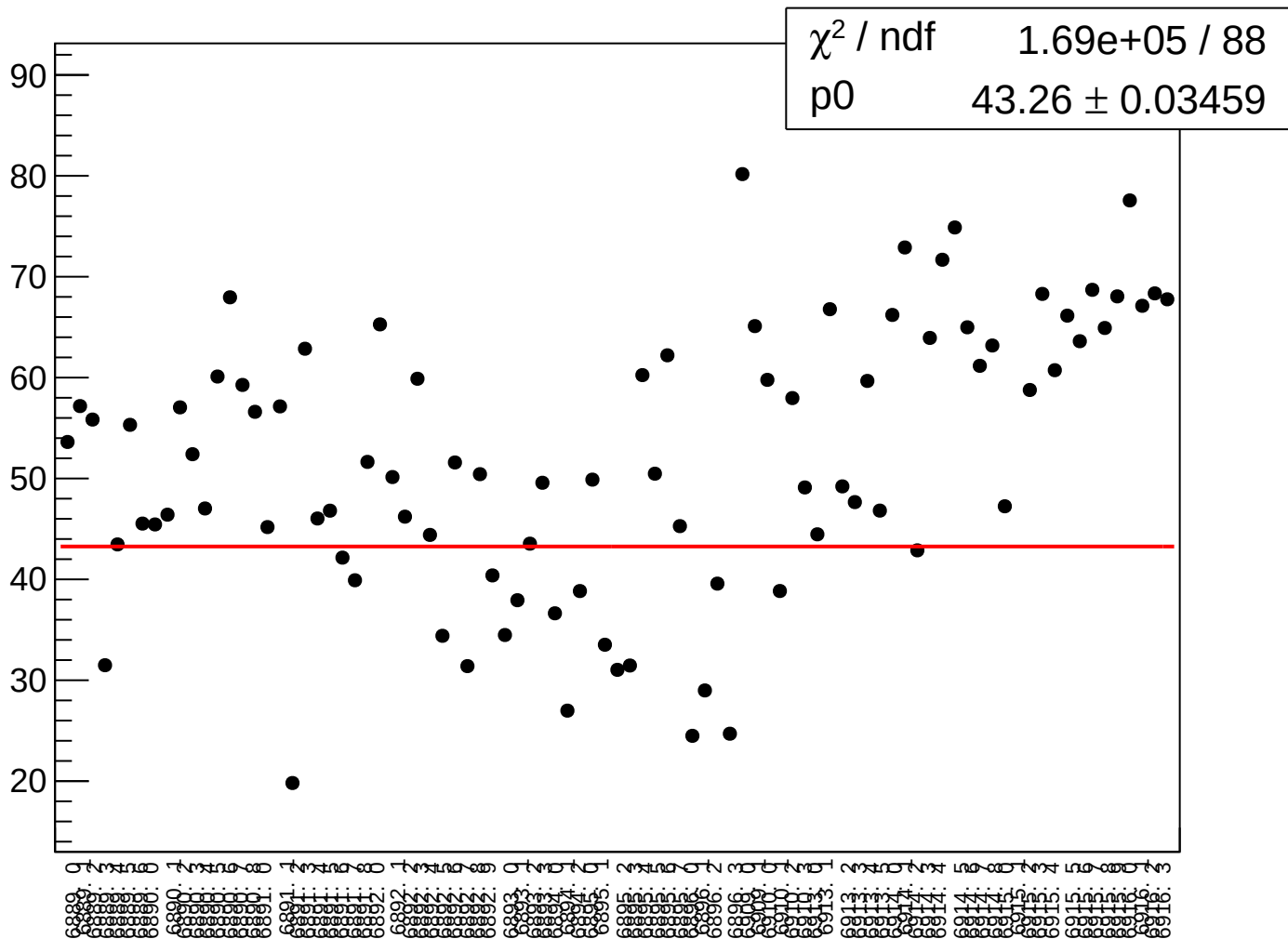
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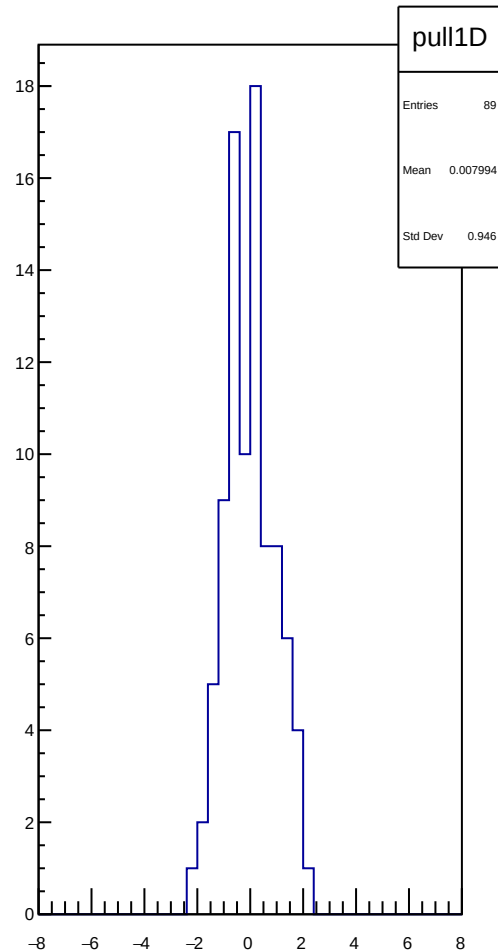
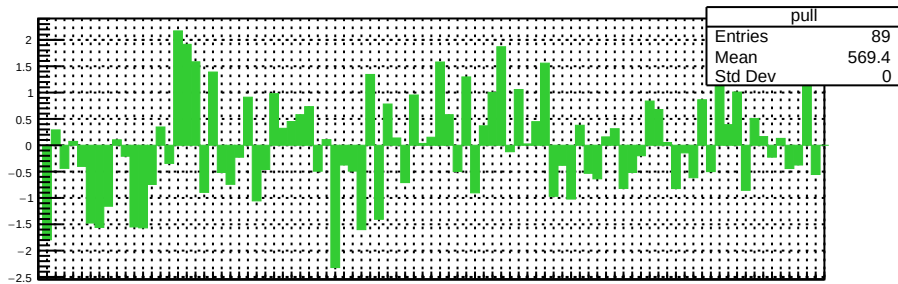
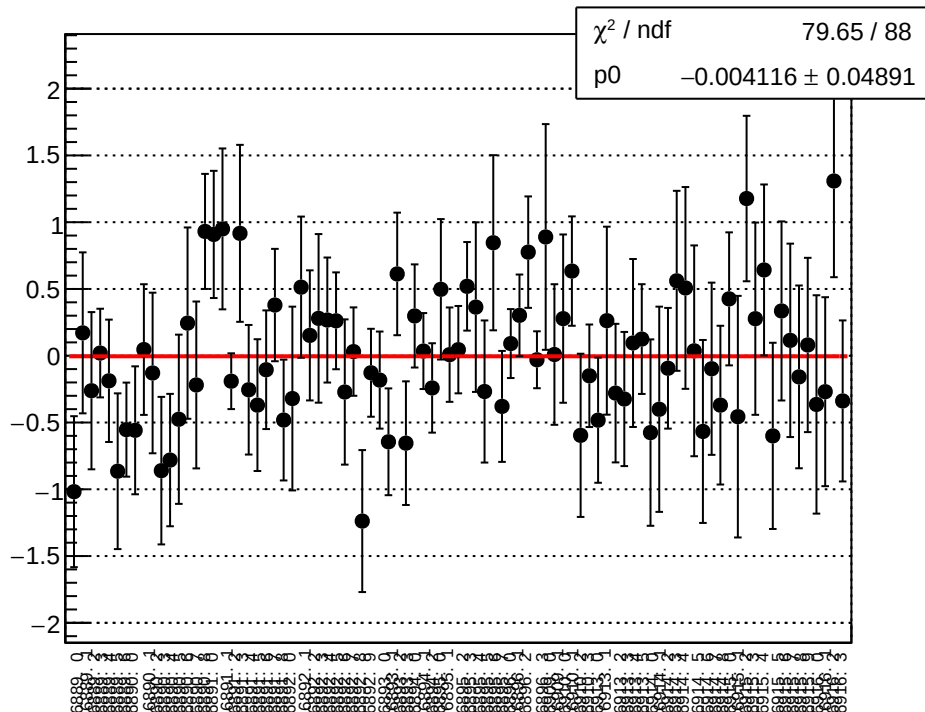
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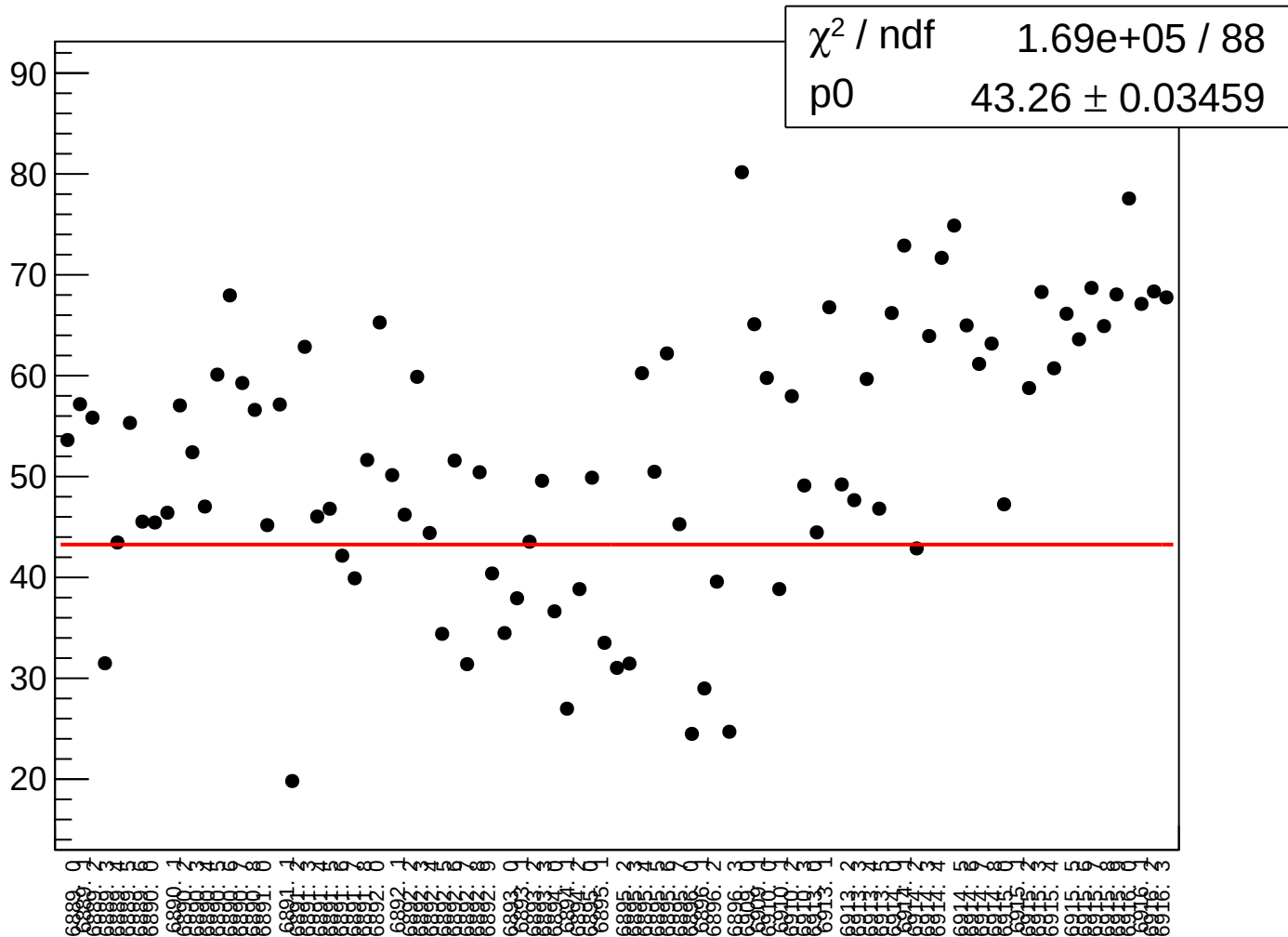
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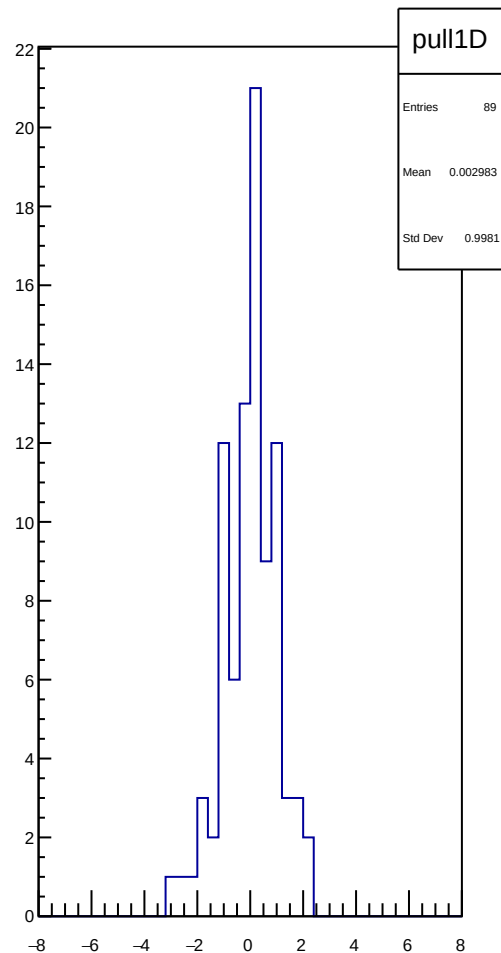
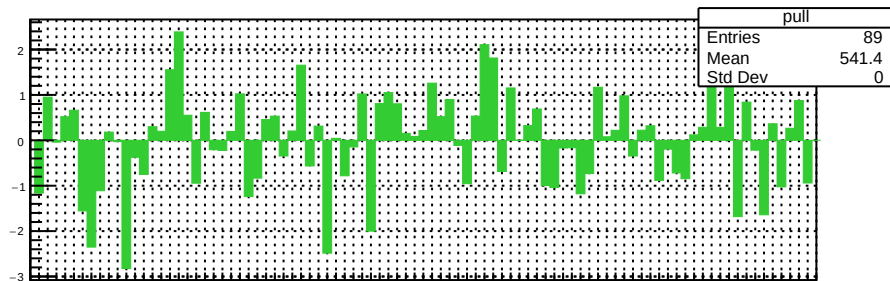
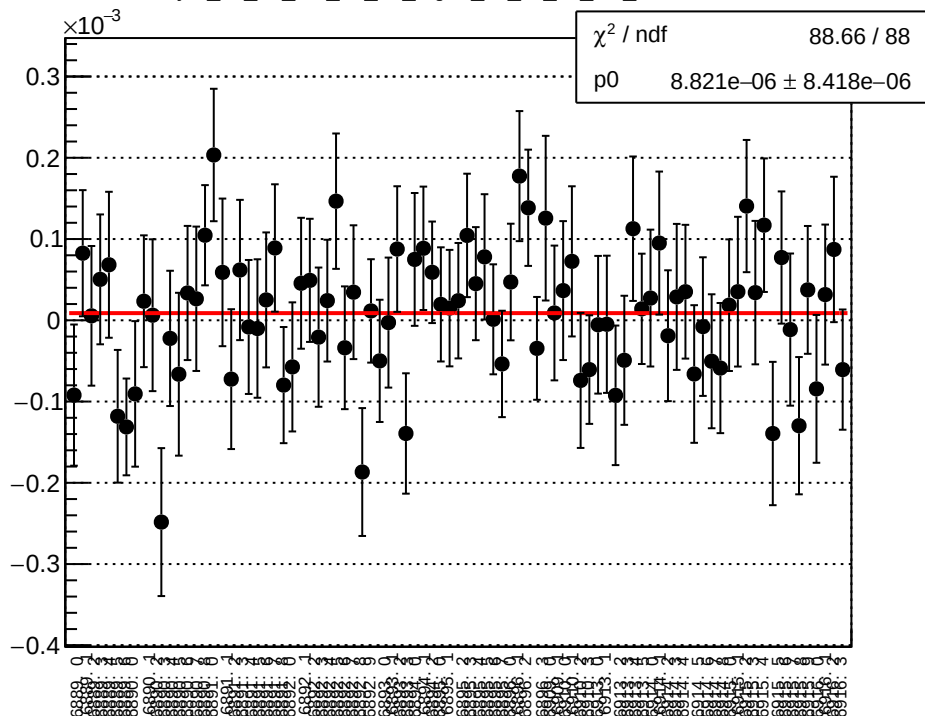
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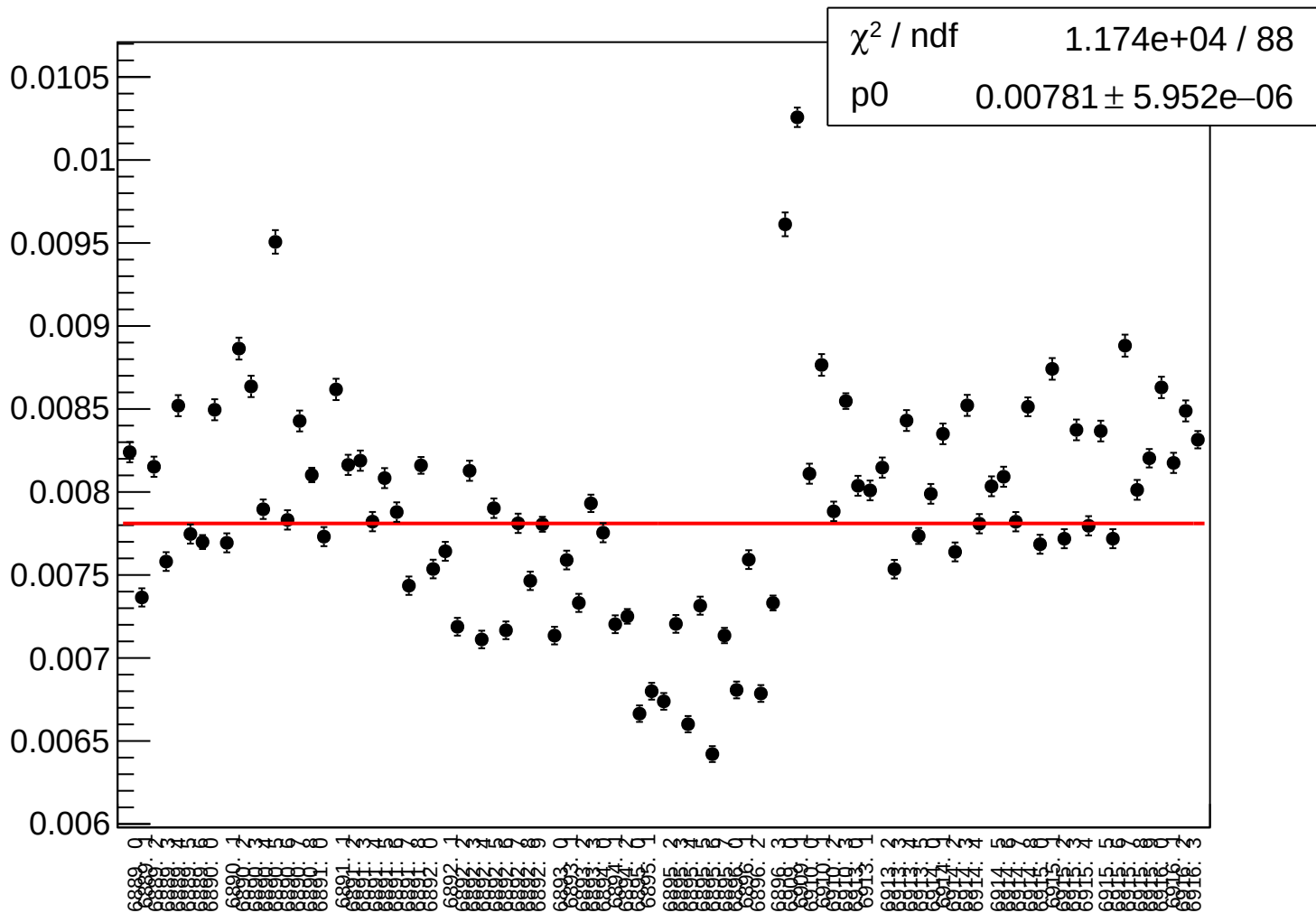
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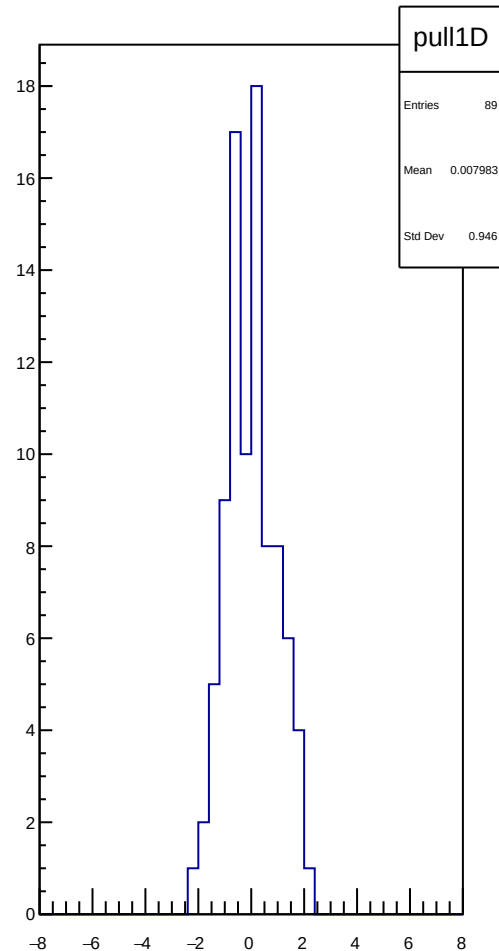
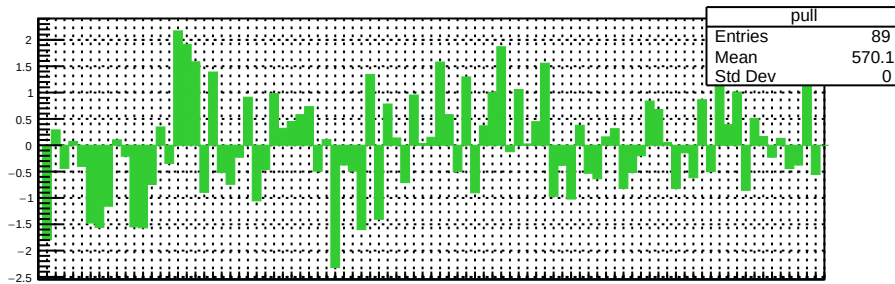
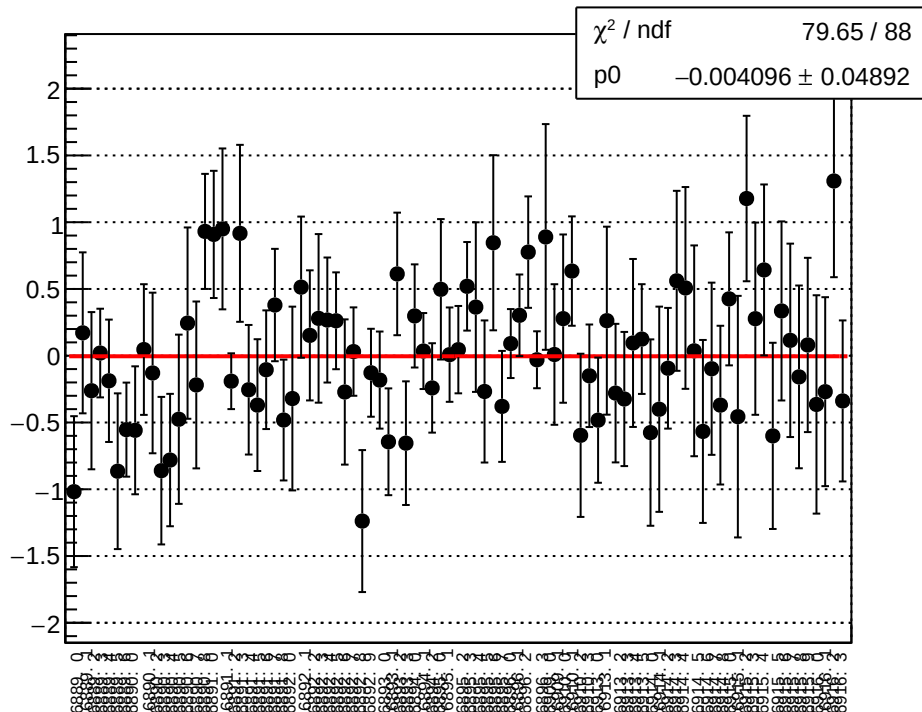
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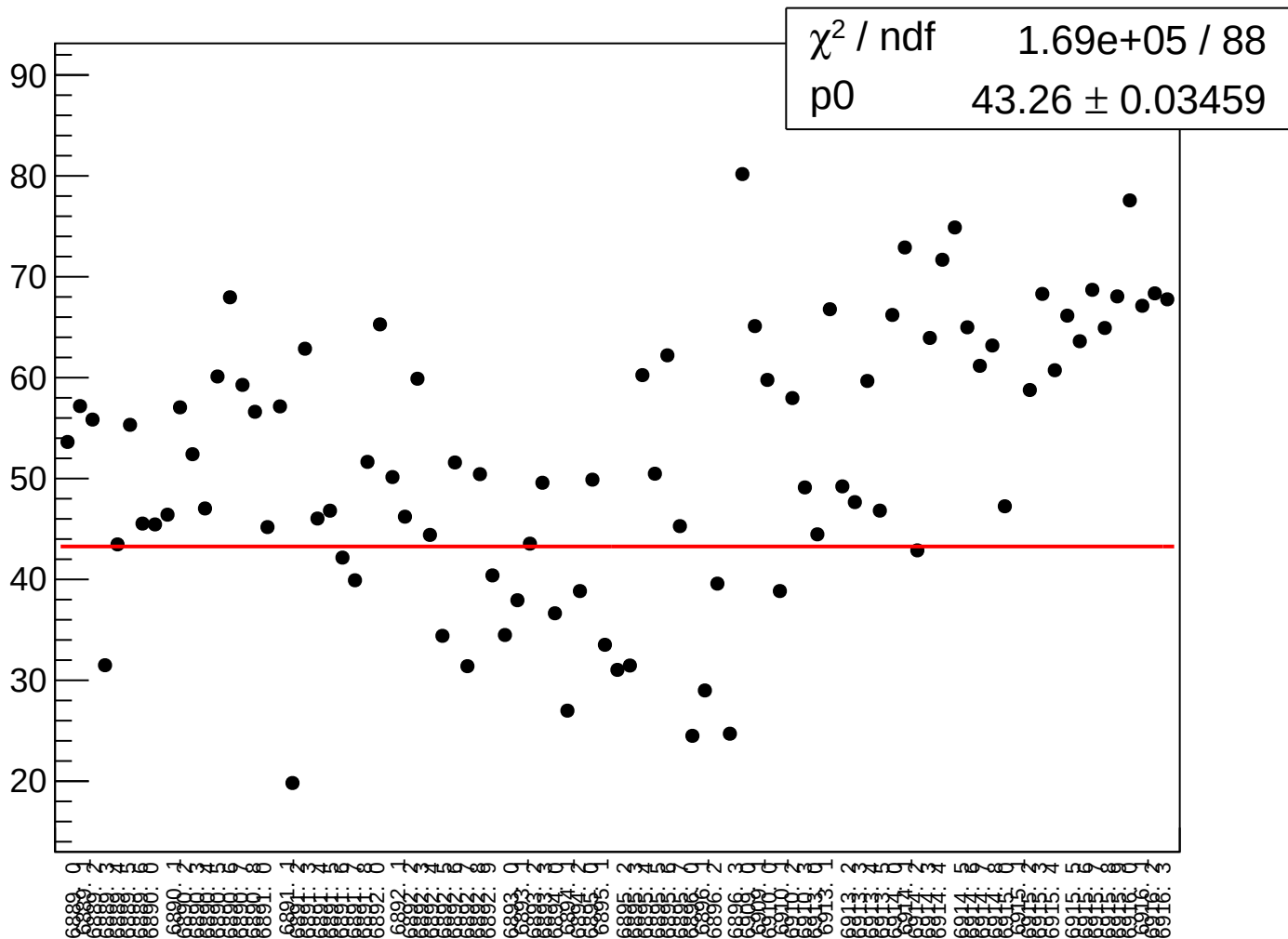
asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_rms vs run



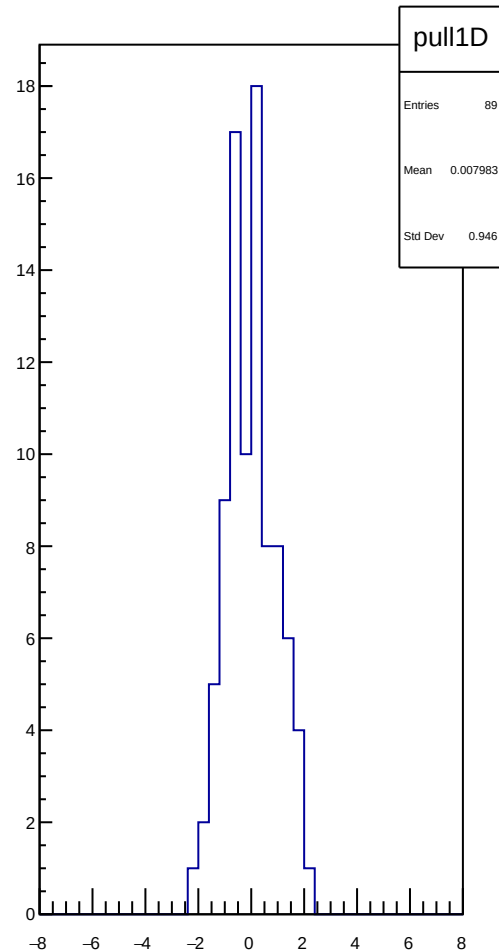
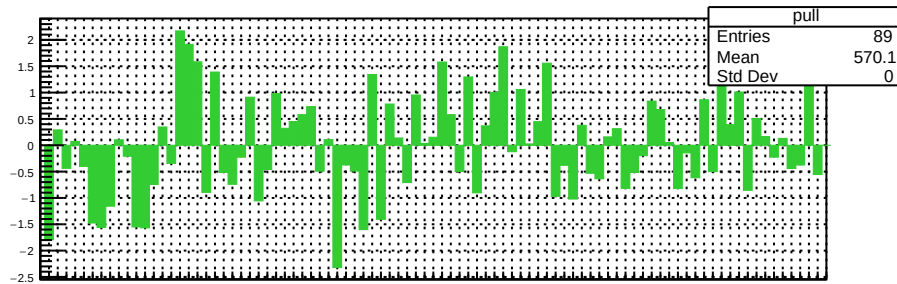
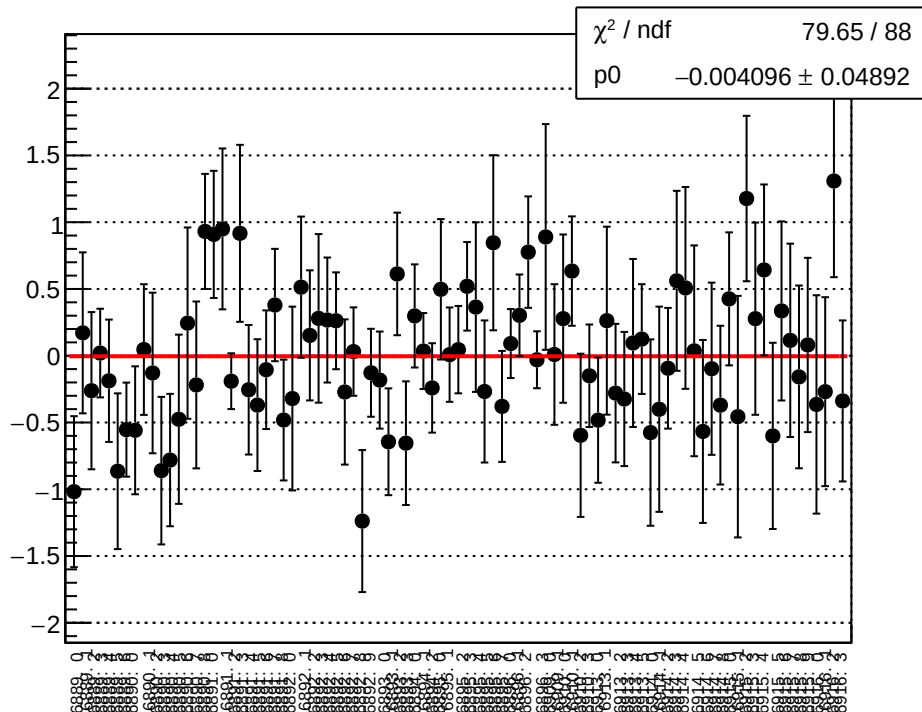
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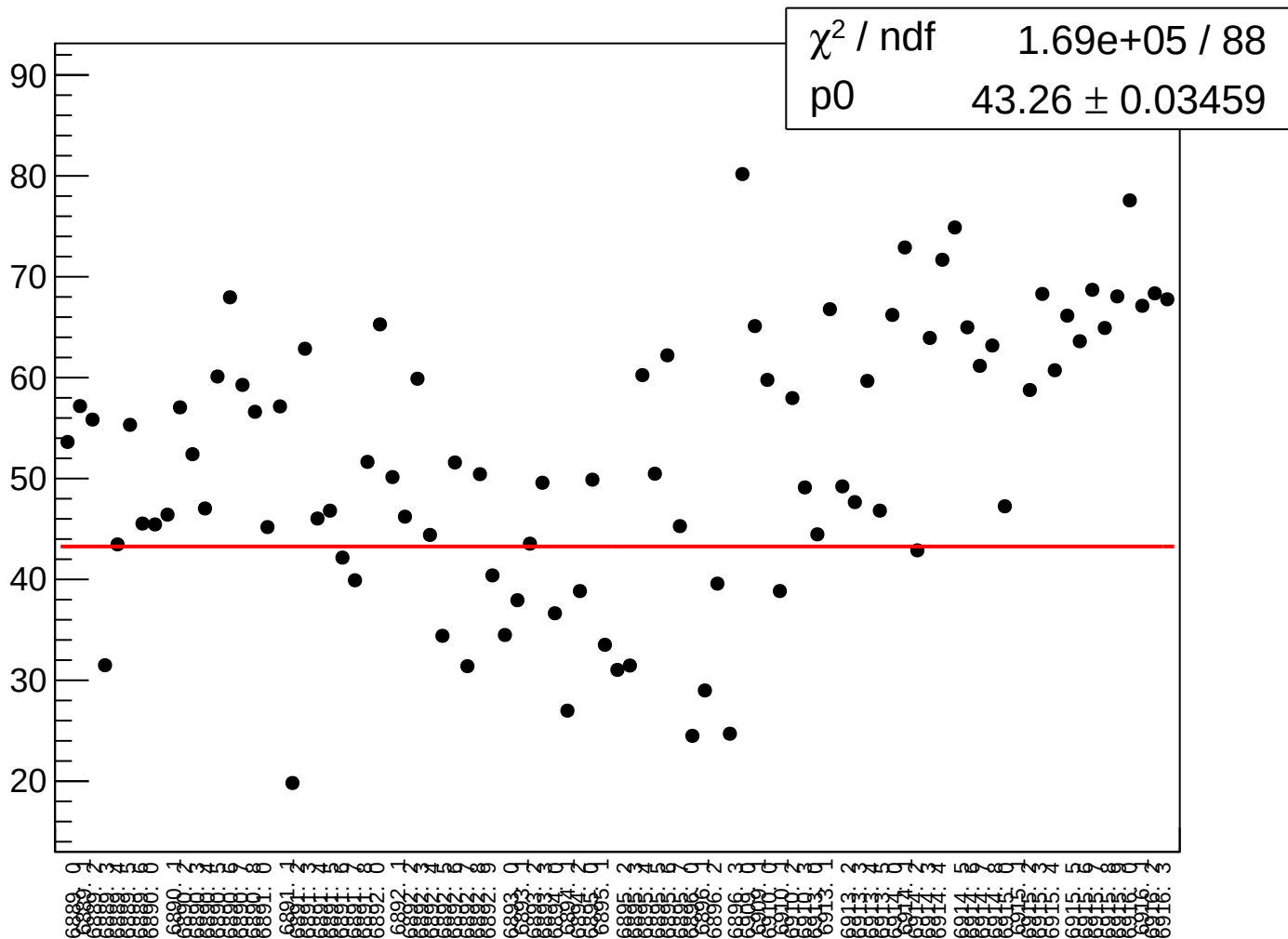
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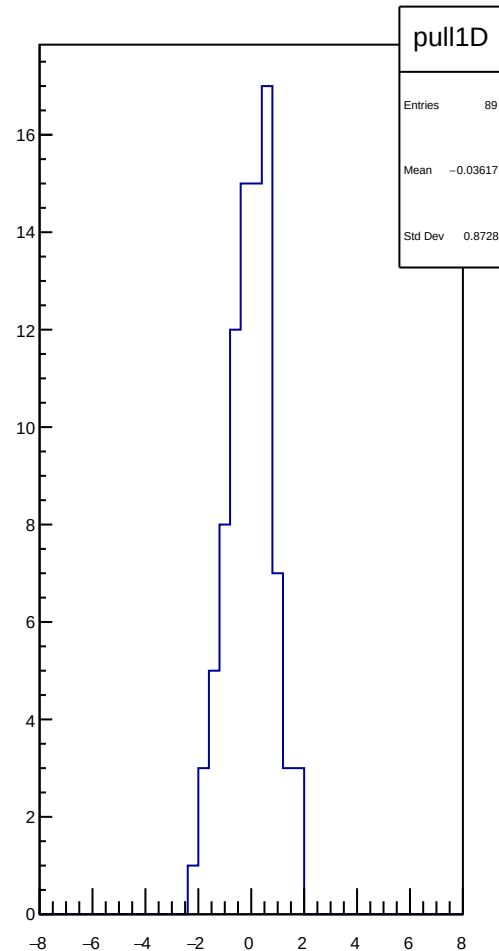
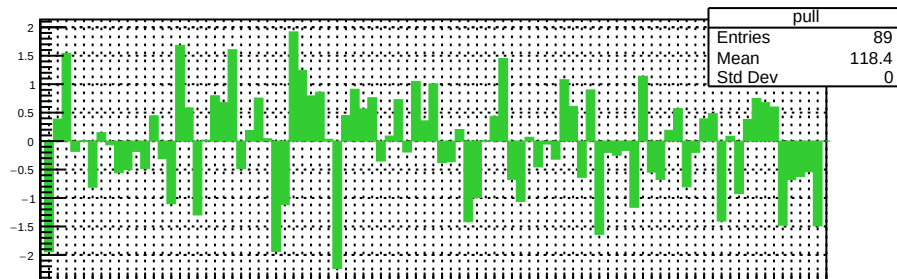
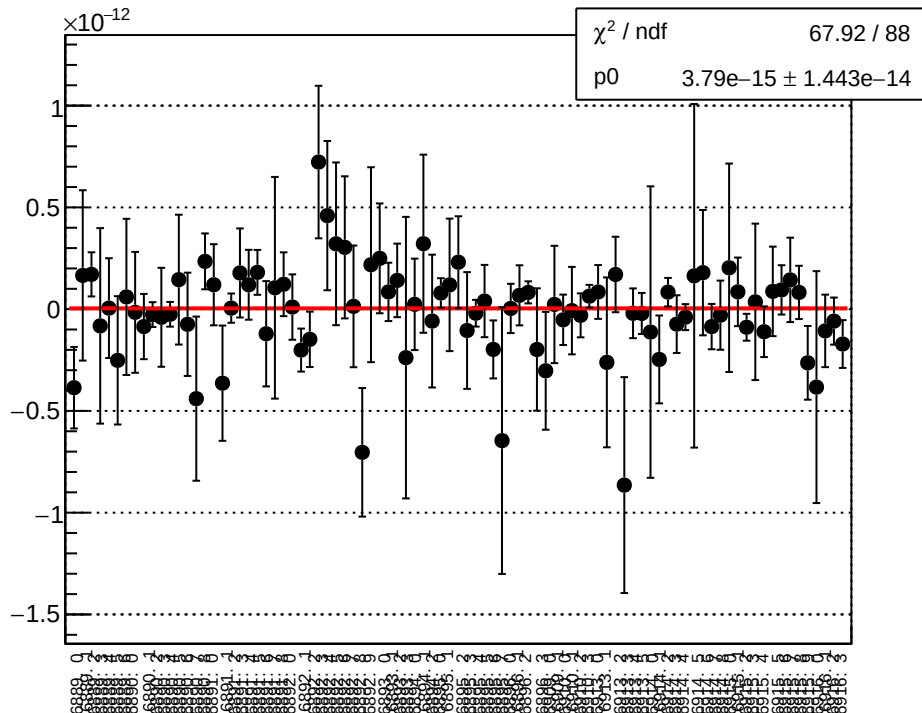
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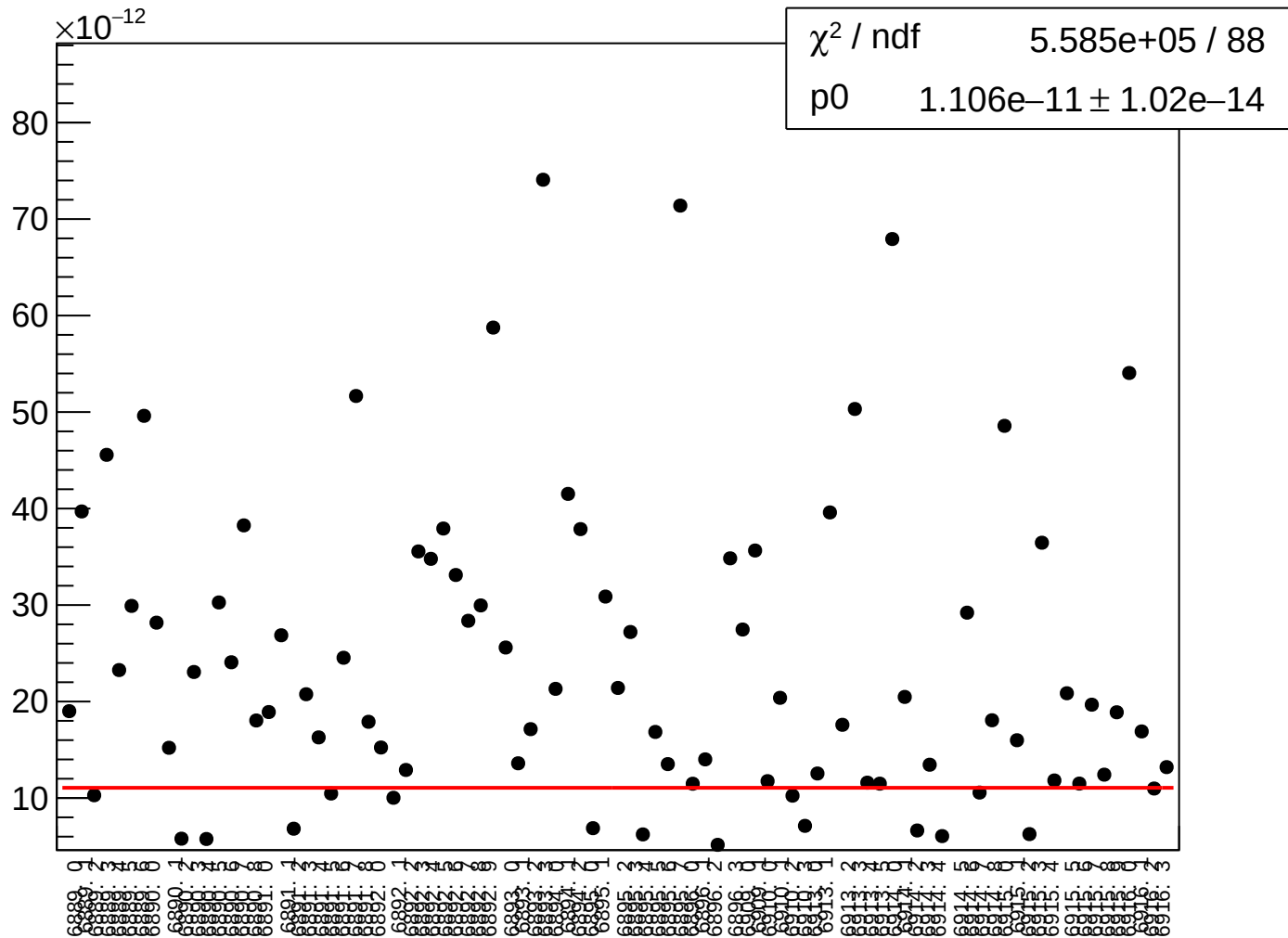
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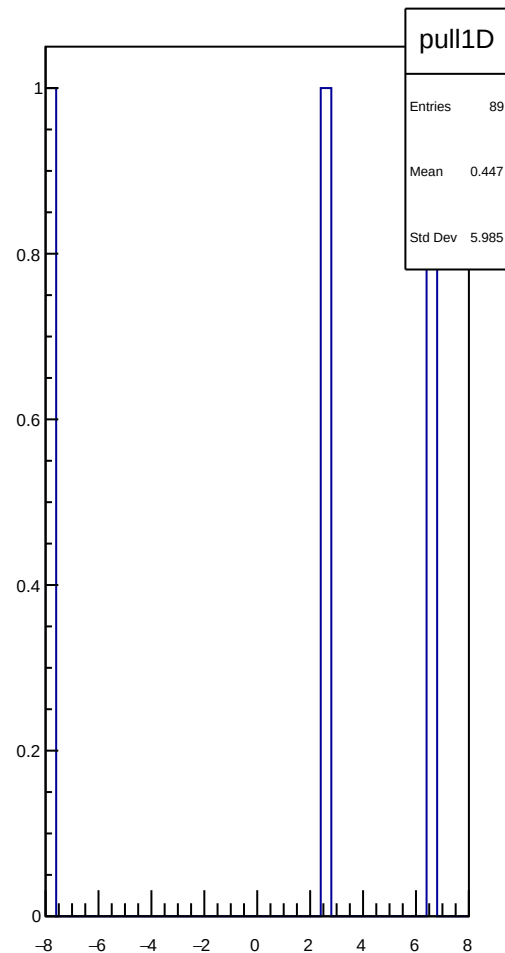
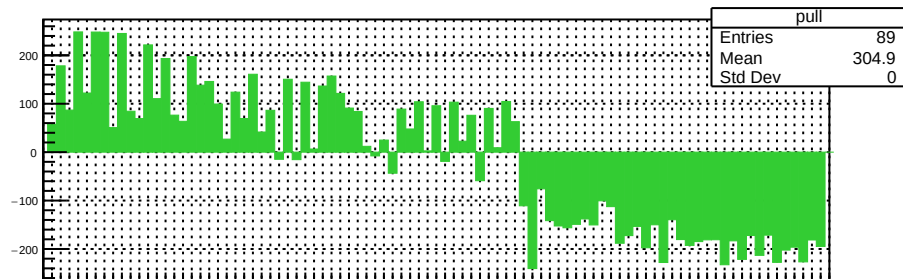
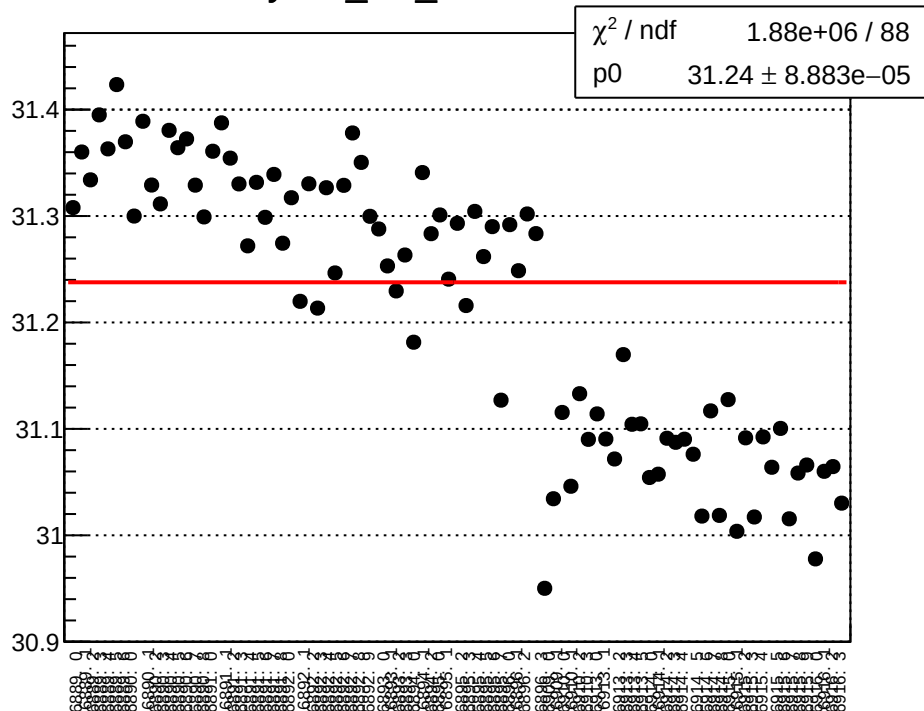
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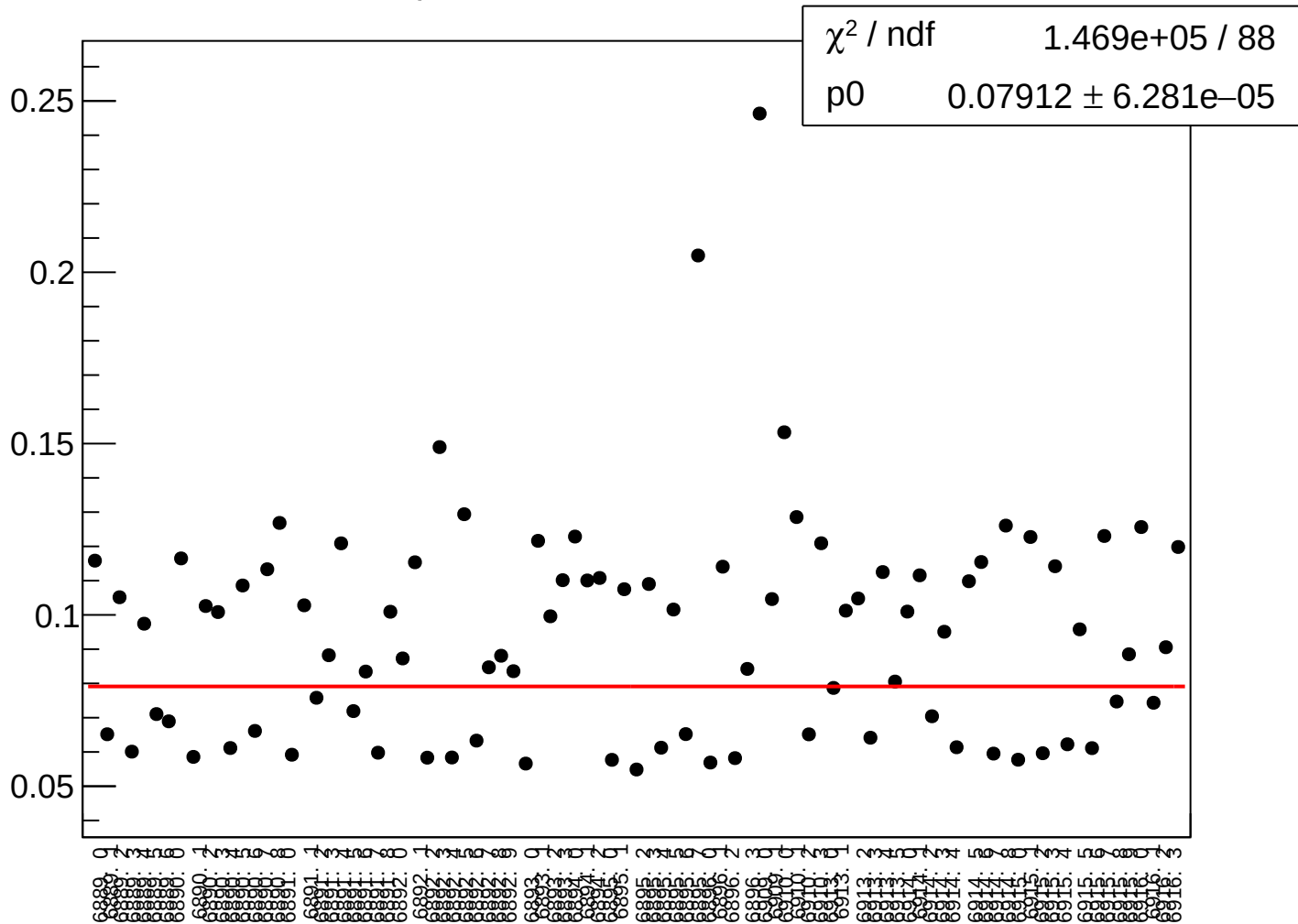
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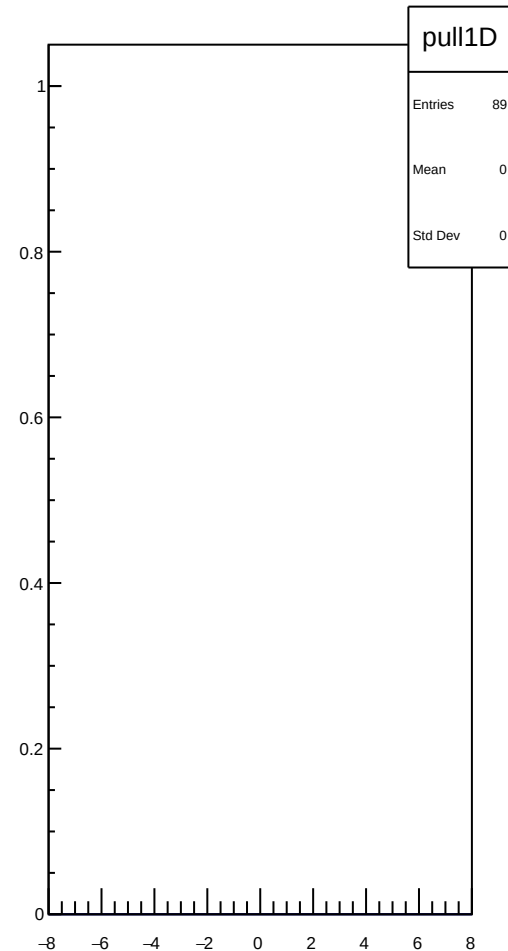
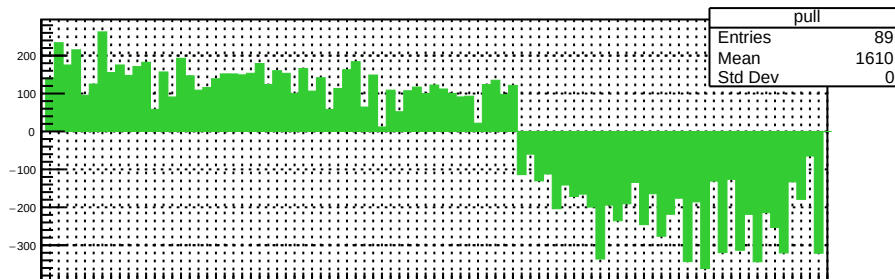
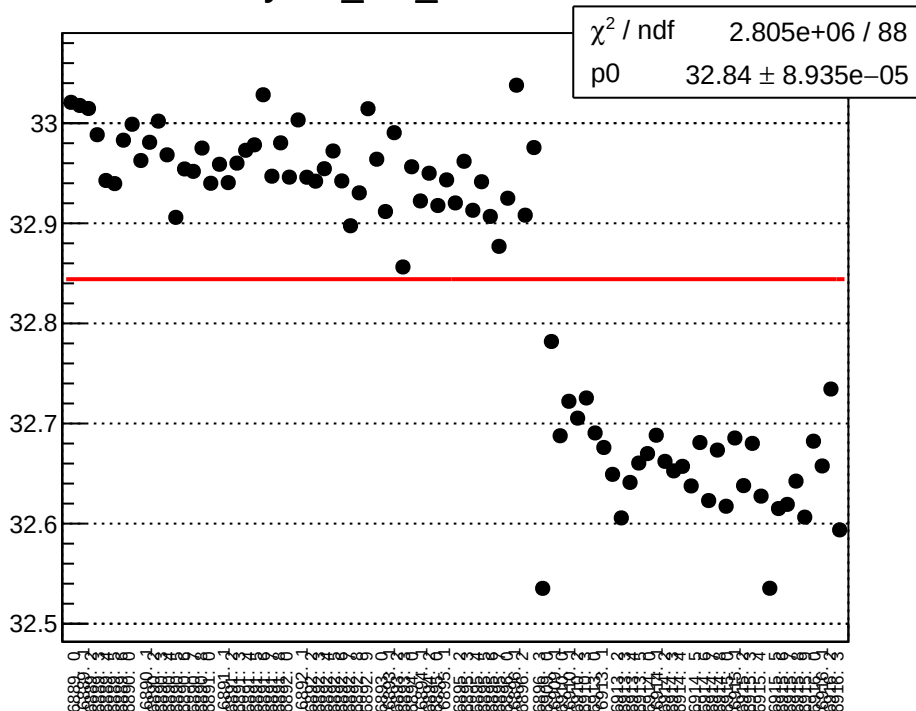
yield_usl_mean vs run



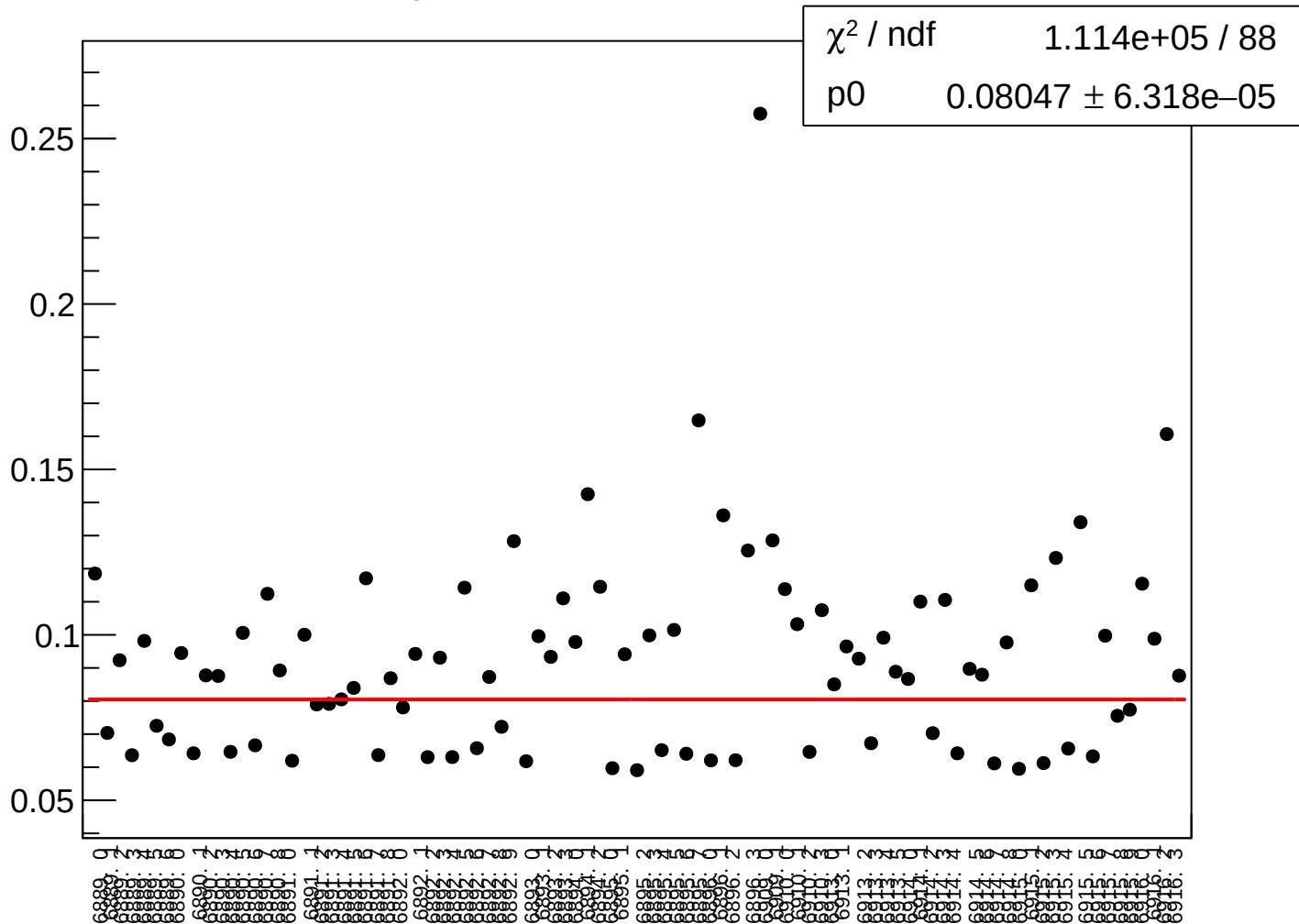
yield_usl_rms vs run



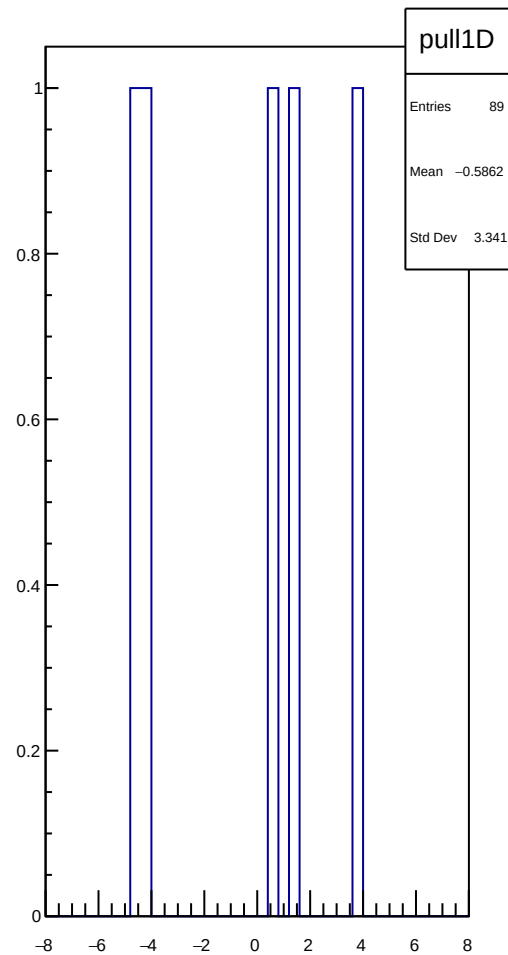
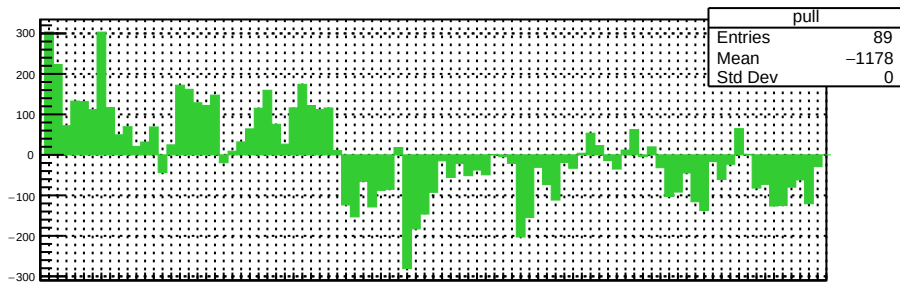
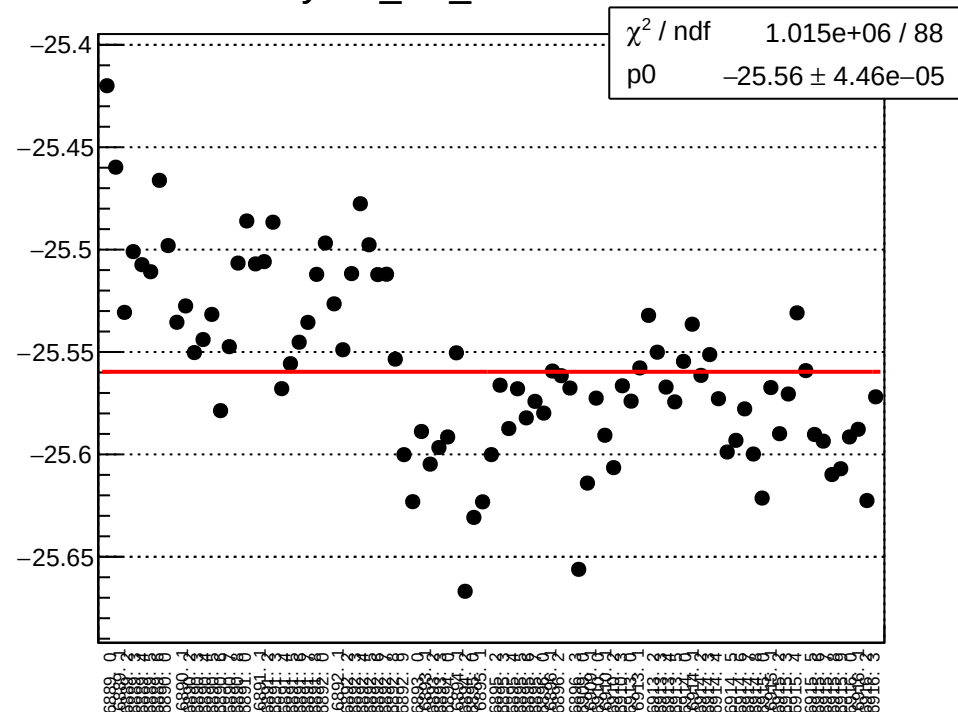
yield_usr_mean vs run



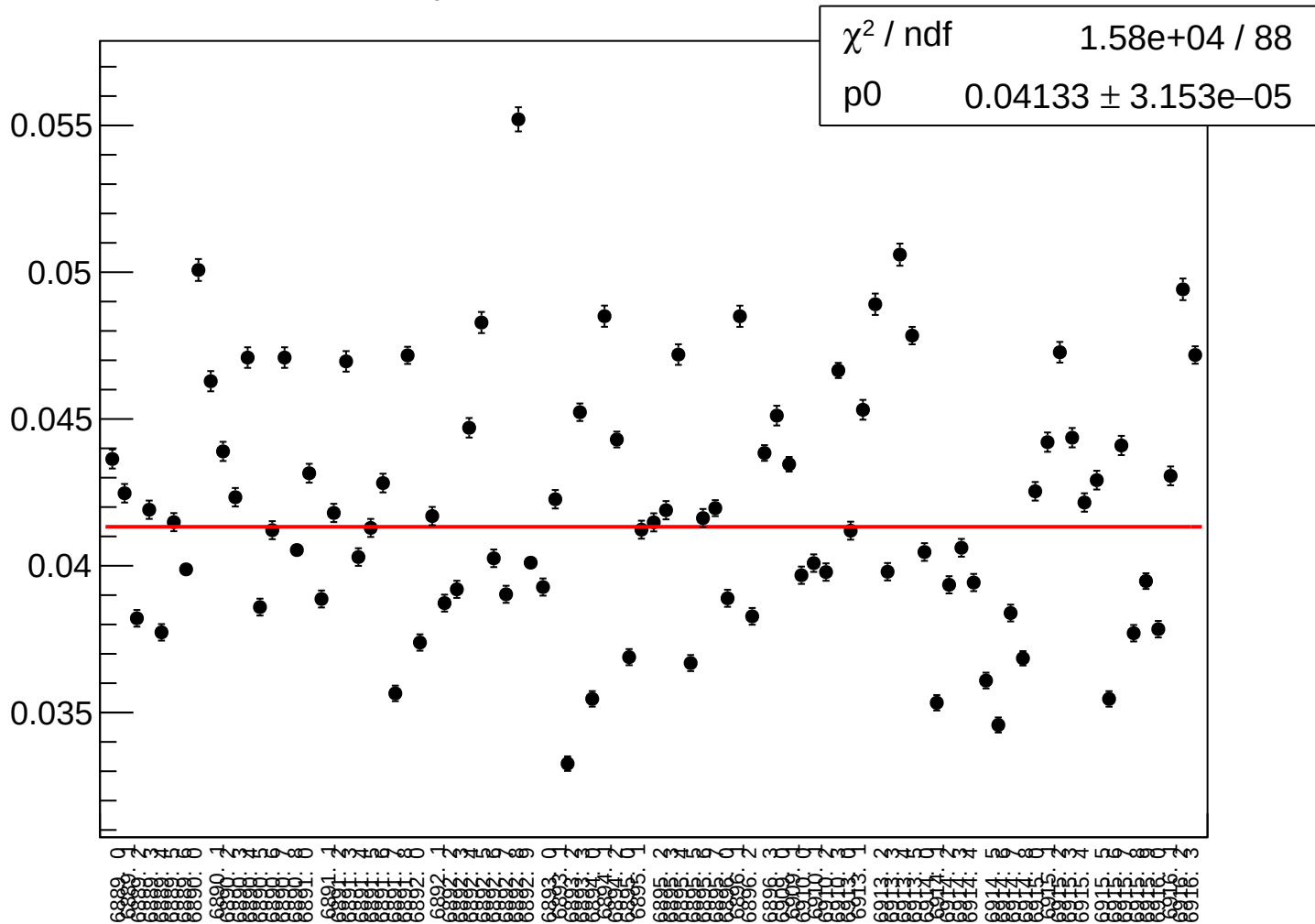
yield_usr_rms vs run



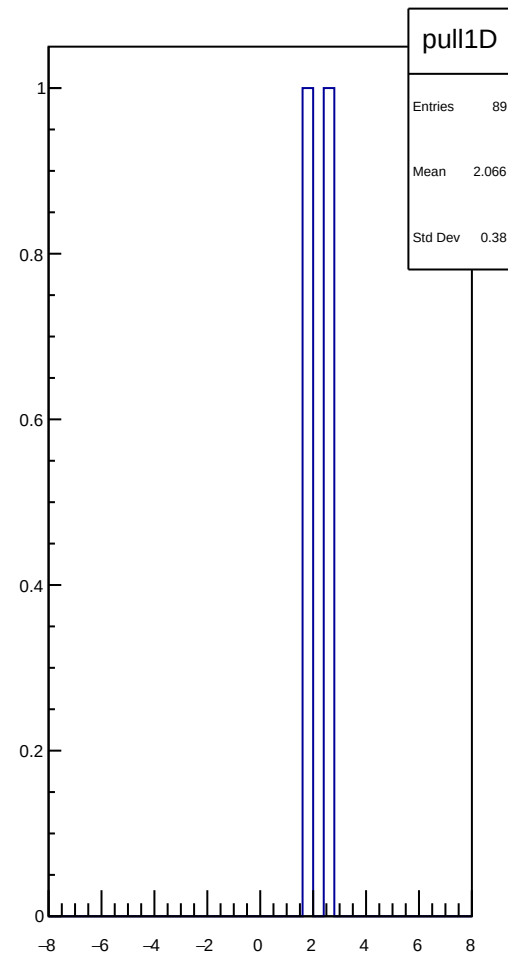
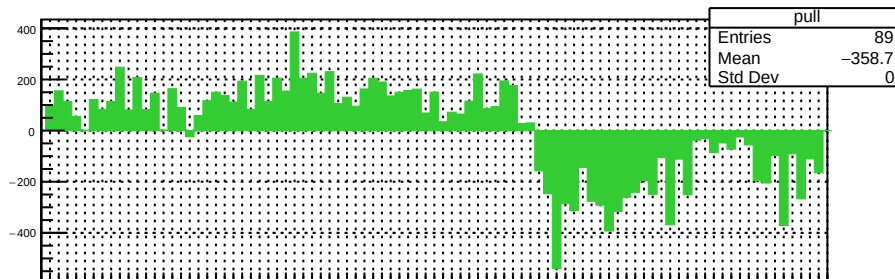
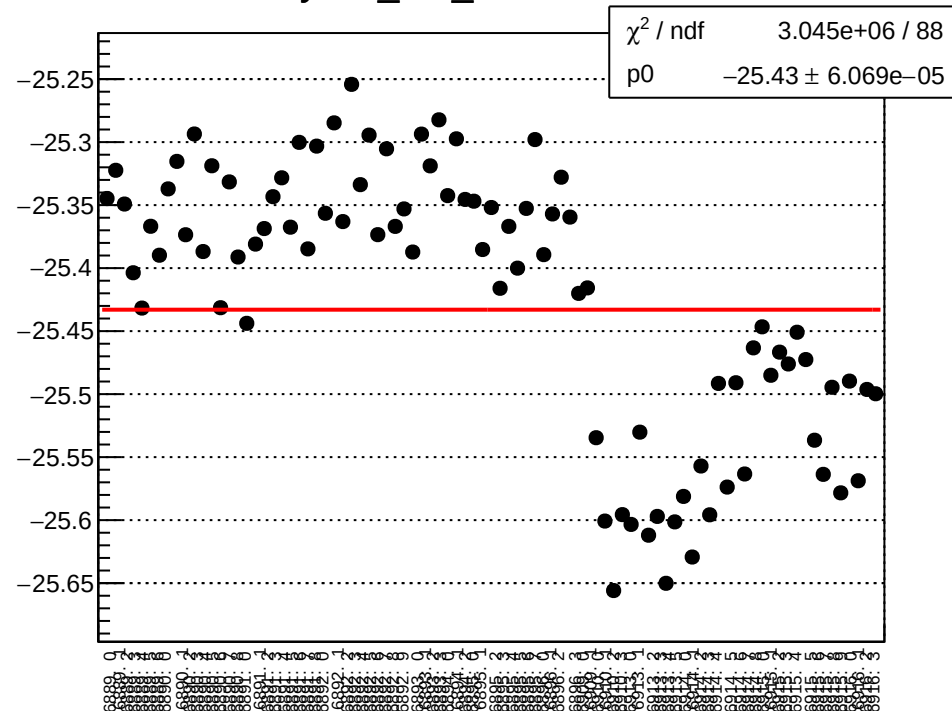
yield_dsl_mean vs run



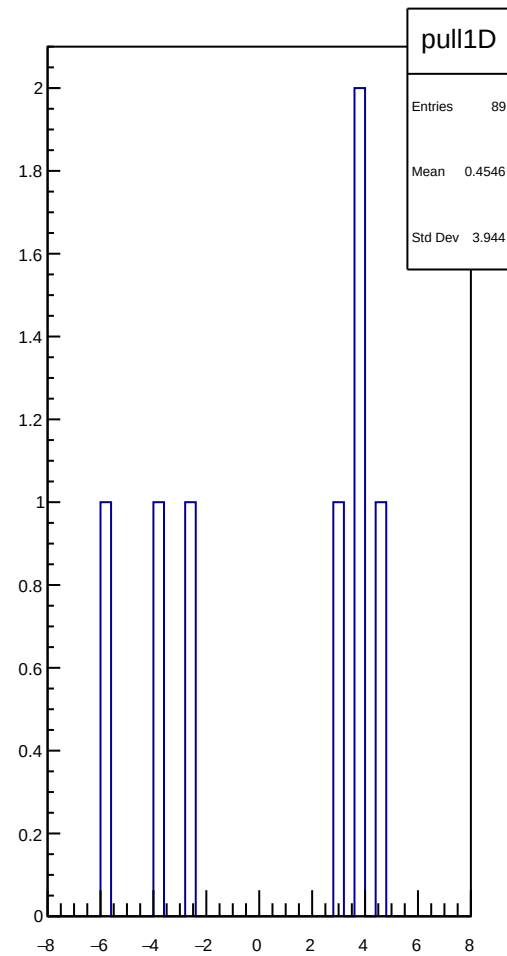
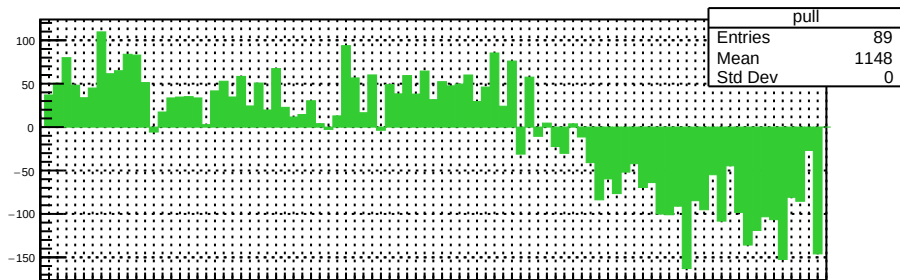
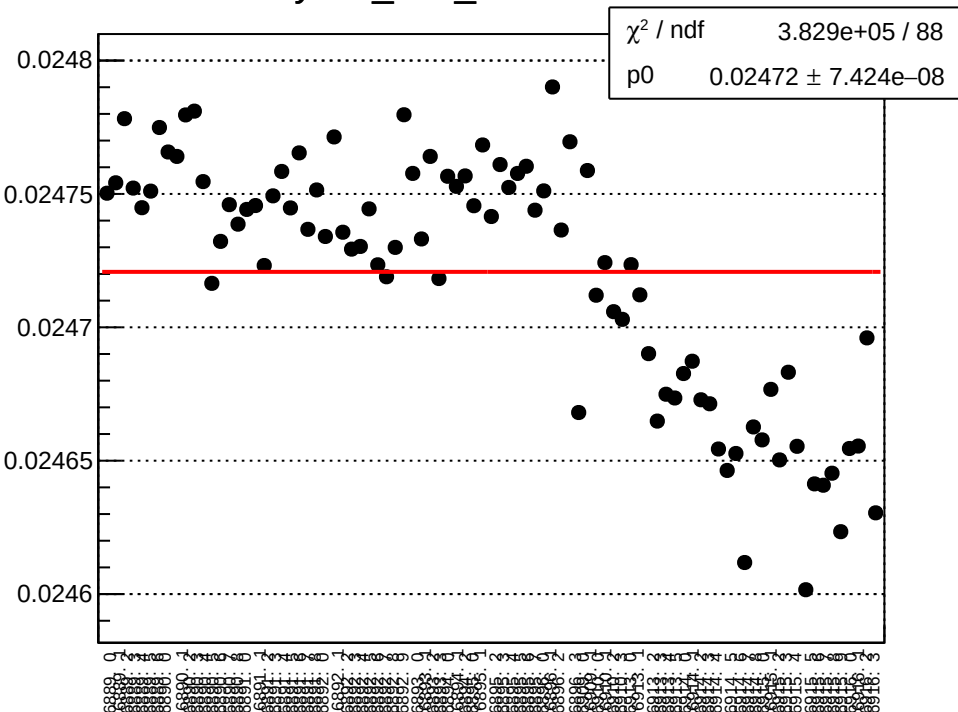
yield_dsl_rms vs run



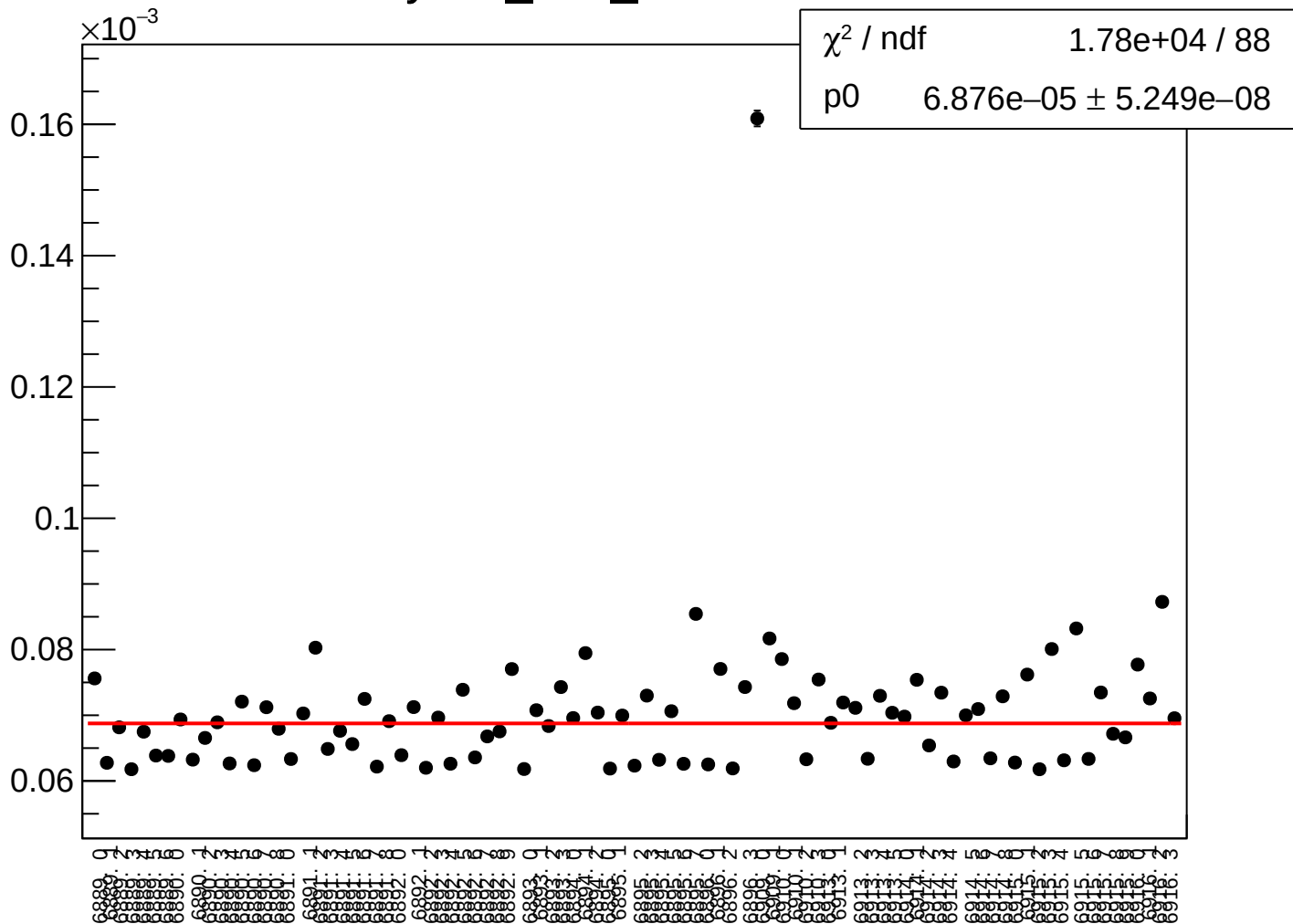
yield_dsr_mean vs run



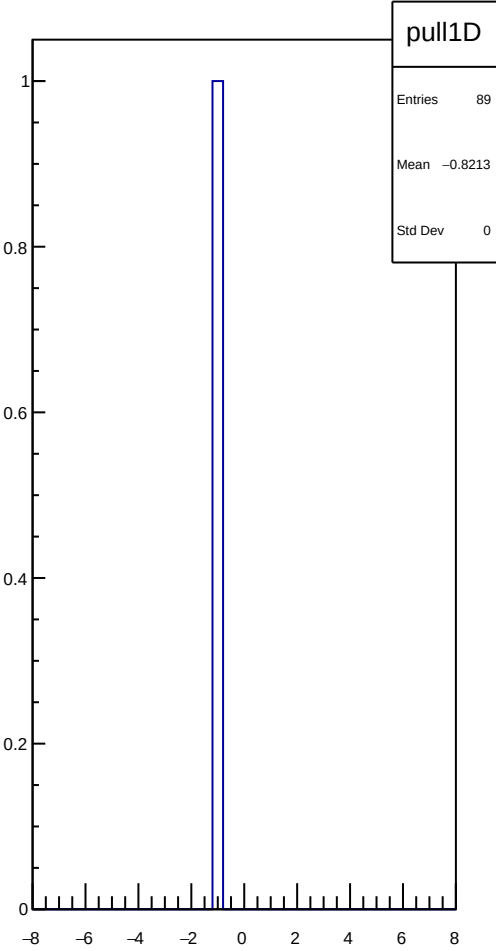
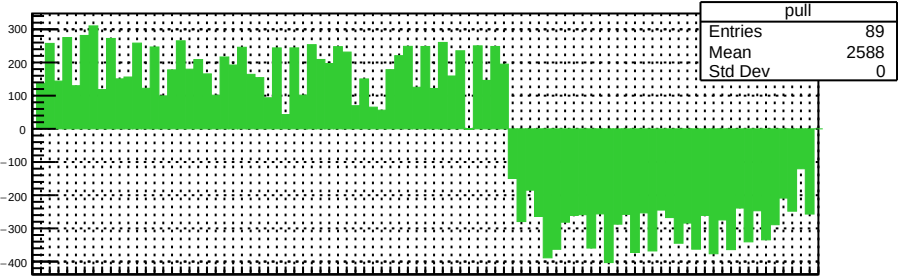
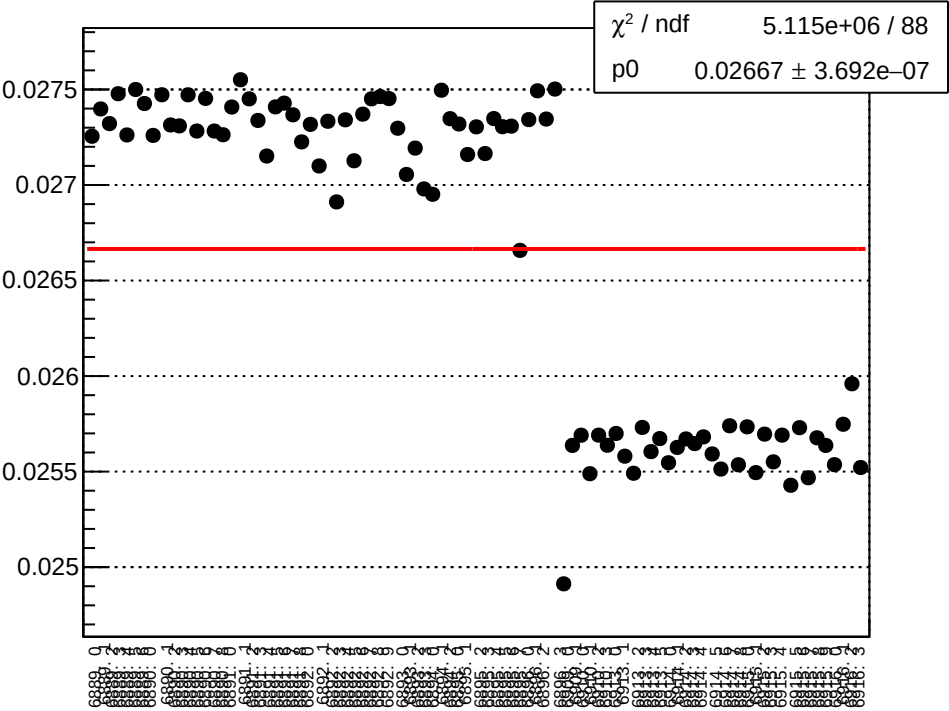
yield_atl1_mean vs run



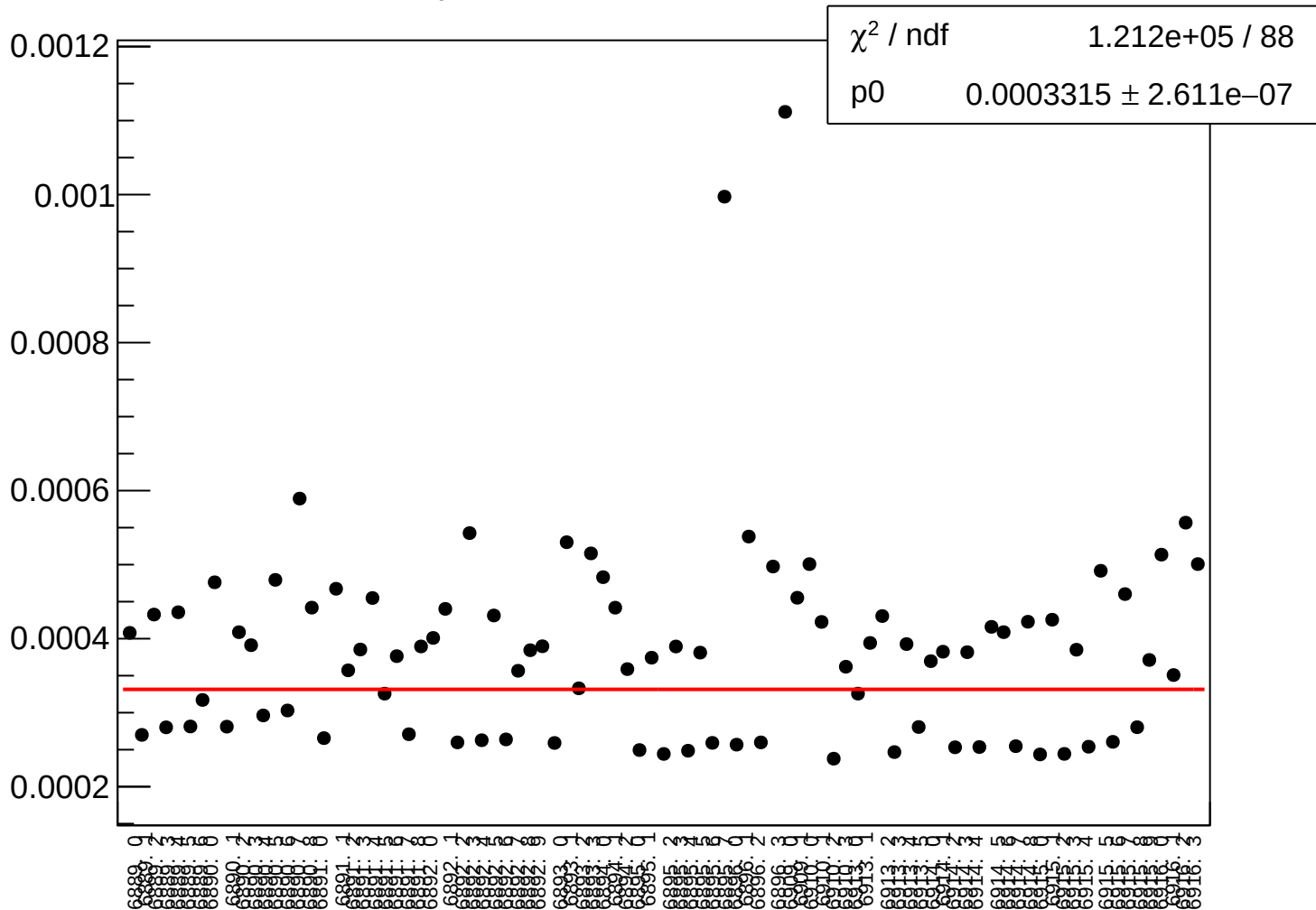
yield_atl1_rms vs run



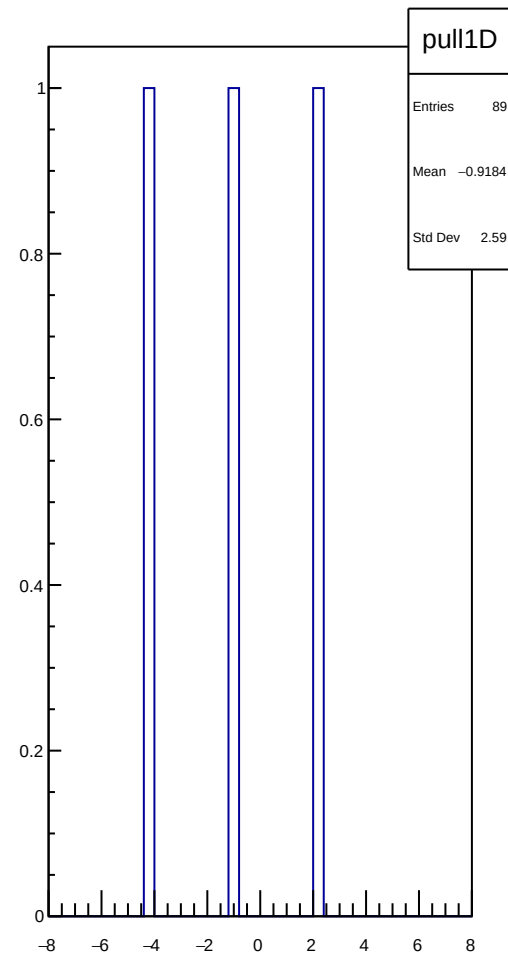
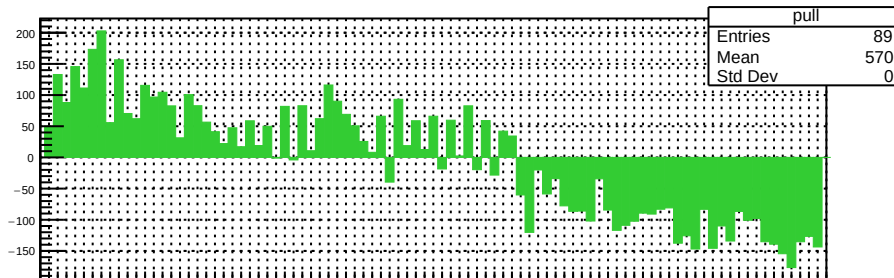
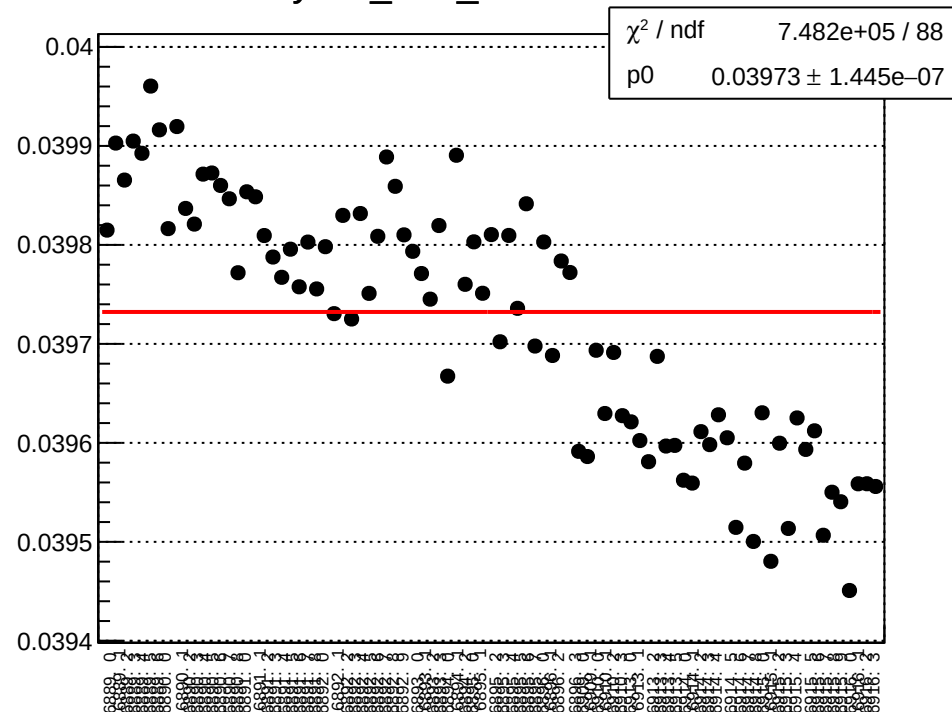
yield_atl2_mean vs run



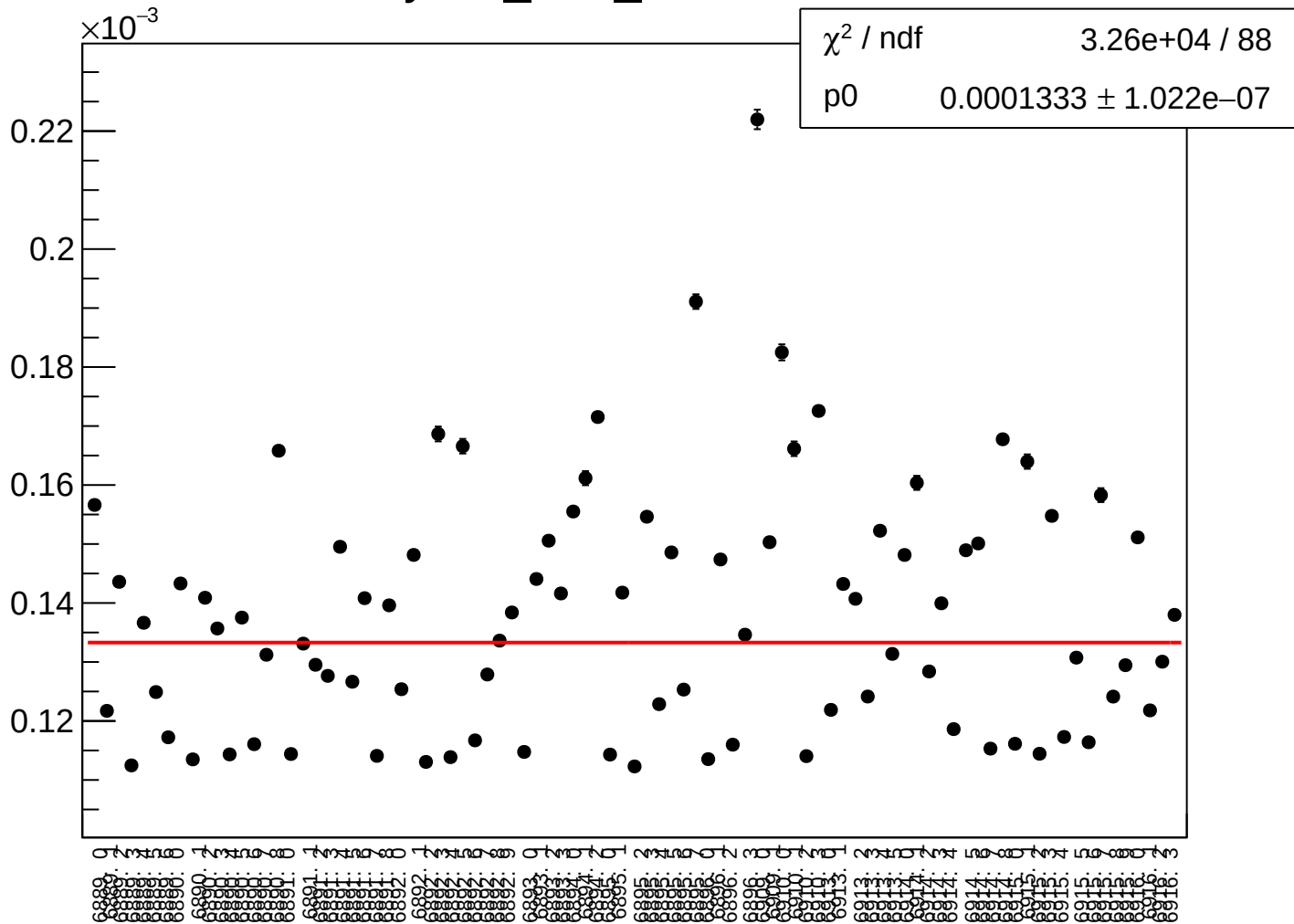
yield_atl2_rms vs run



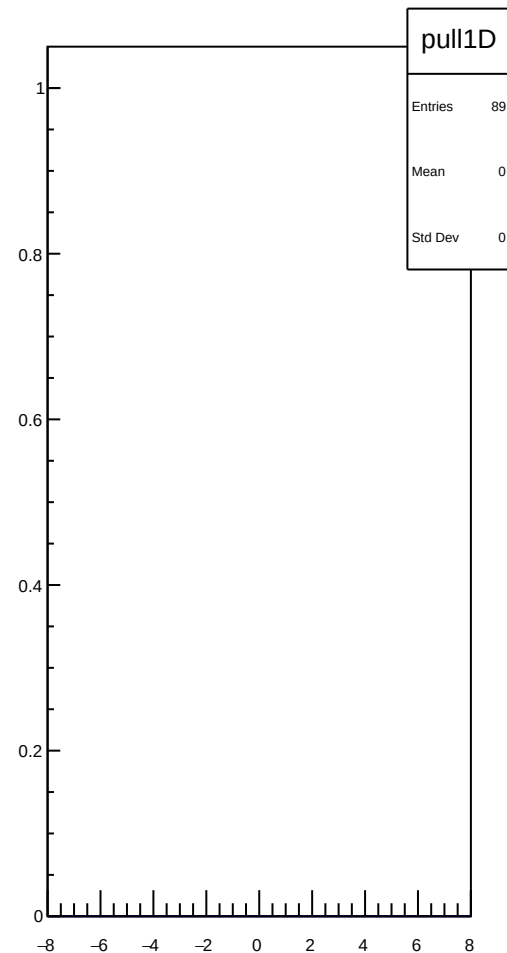
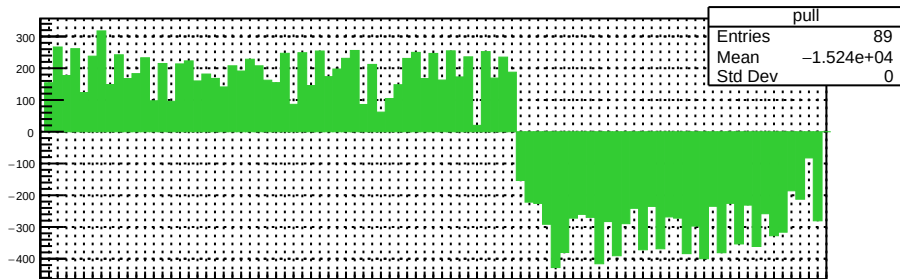
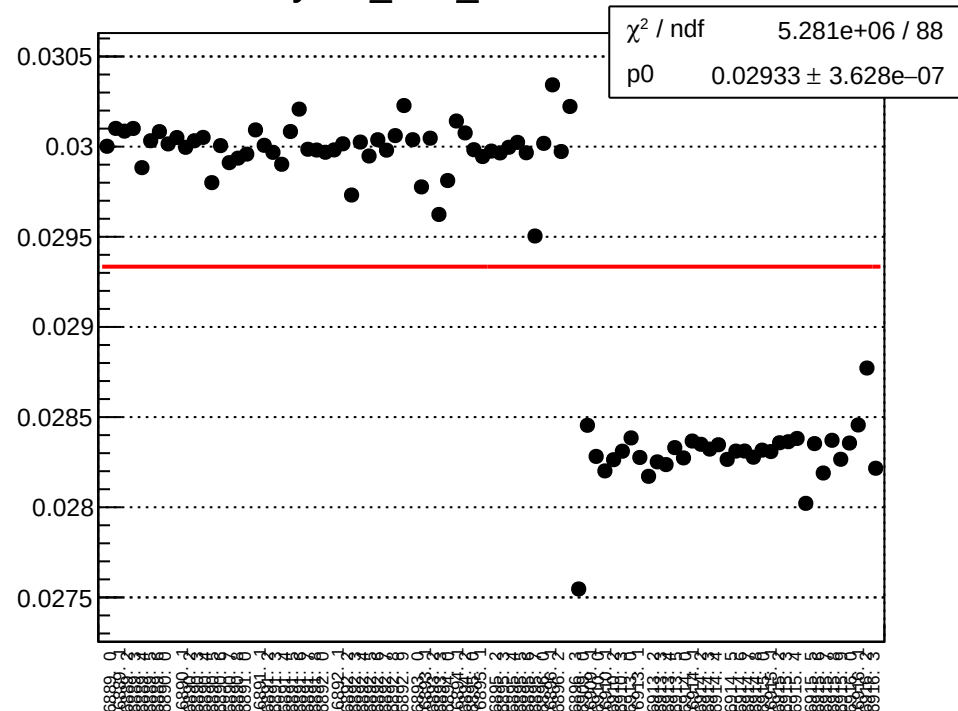
yield_atr1_mean vs run



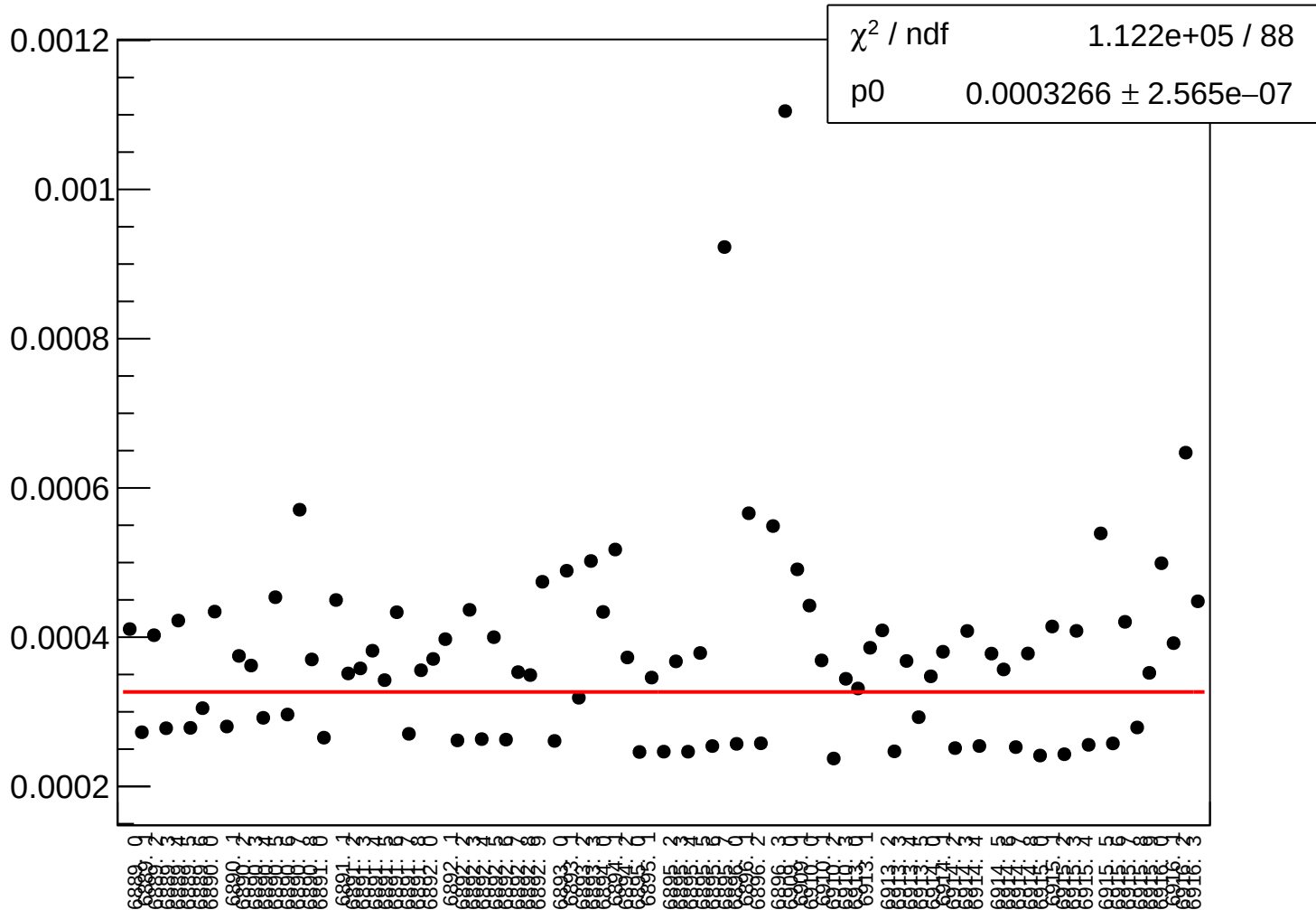
yield_atr1_rms vs run



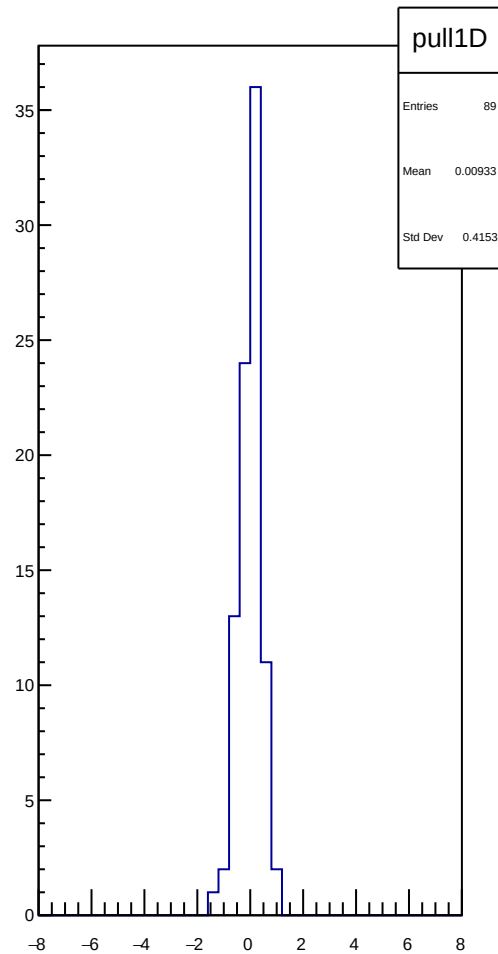
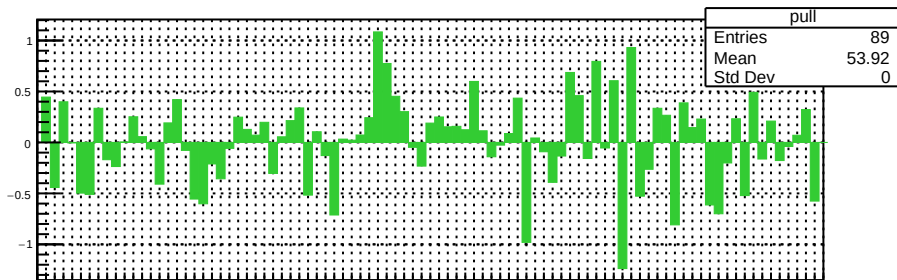
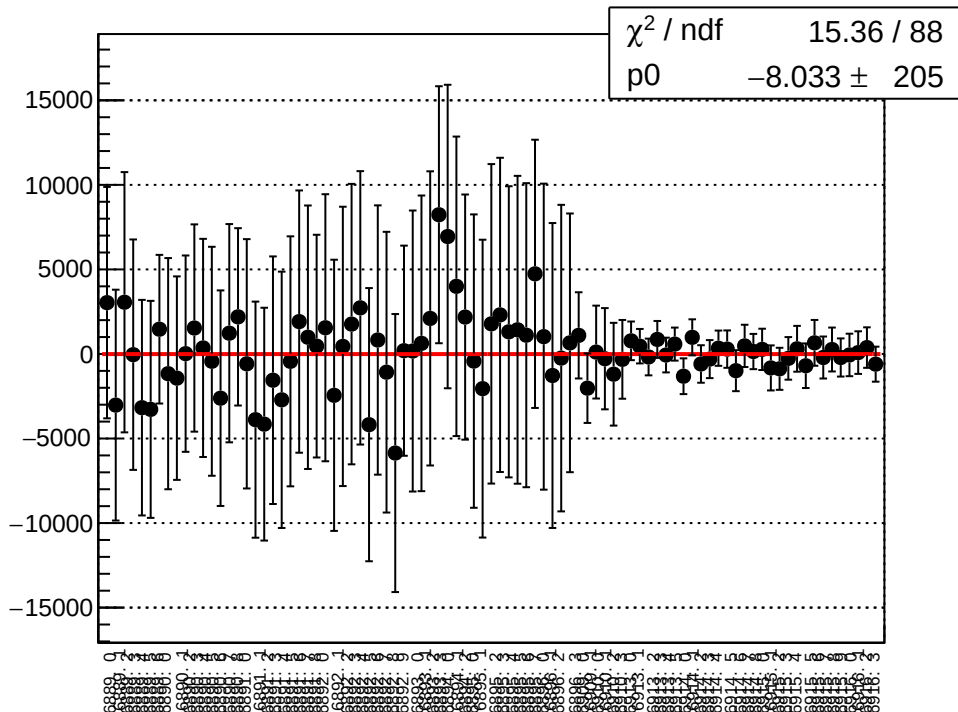
yield_atr2_mean vs run



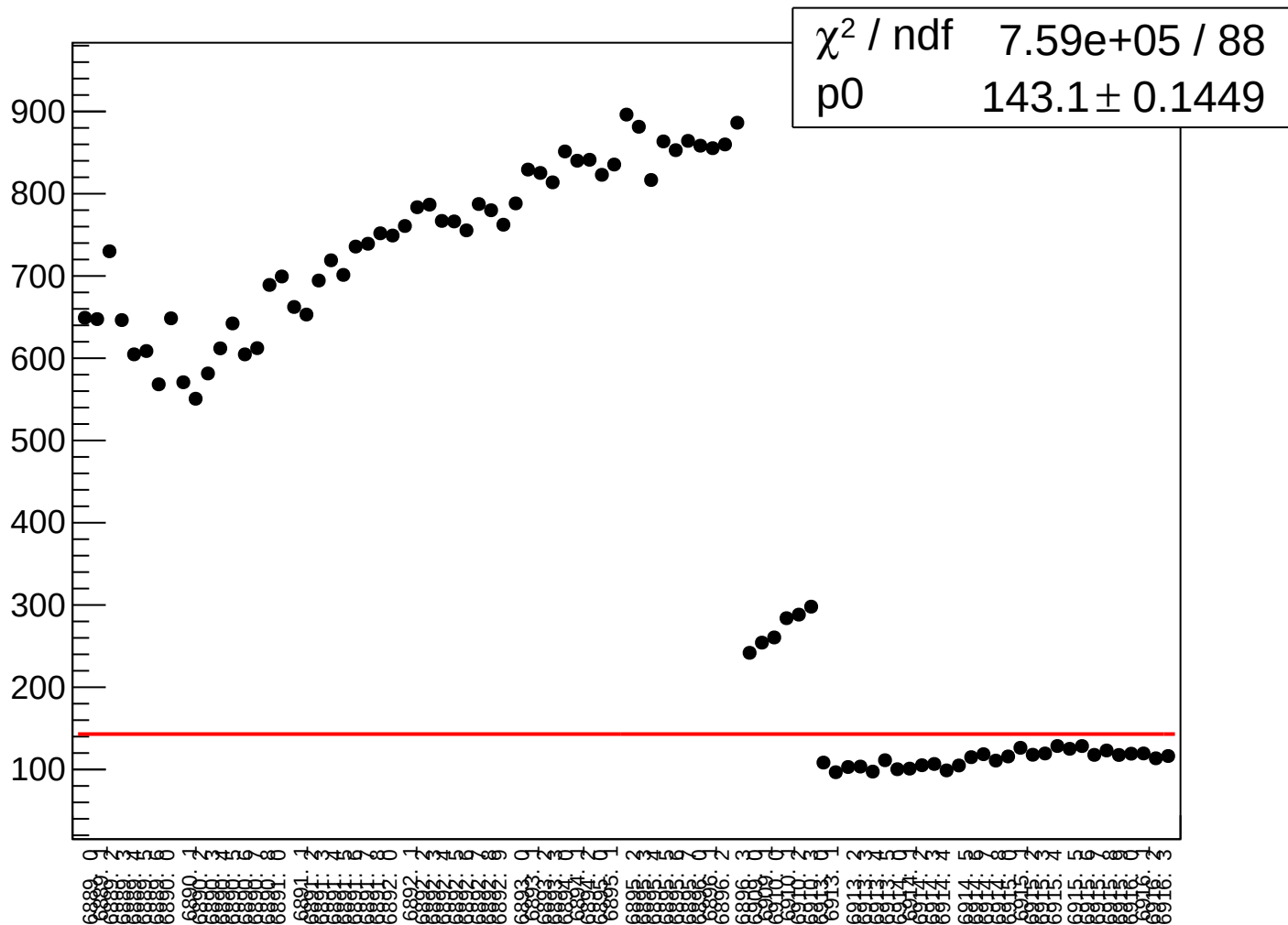
yield_atr2_rms vs run



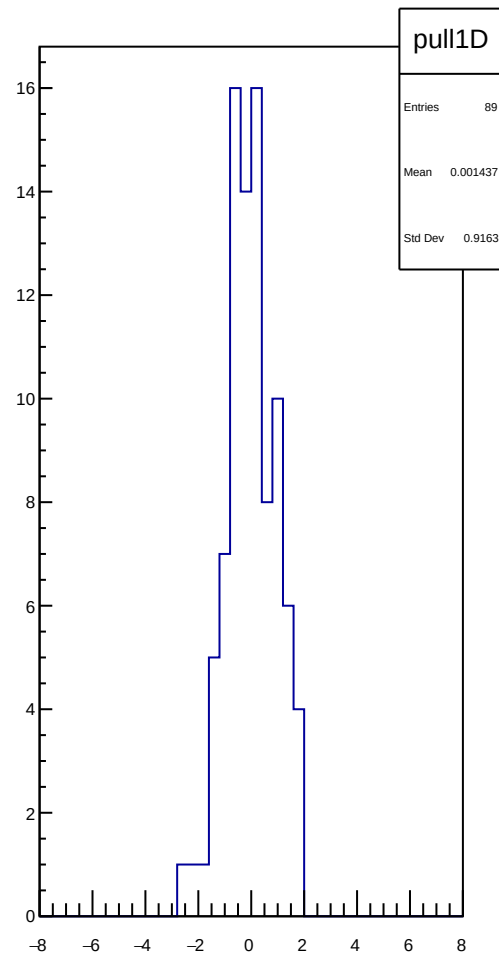
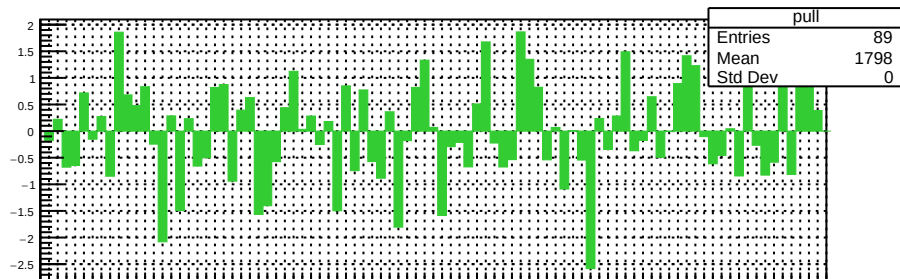
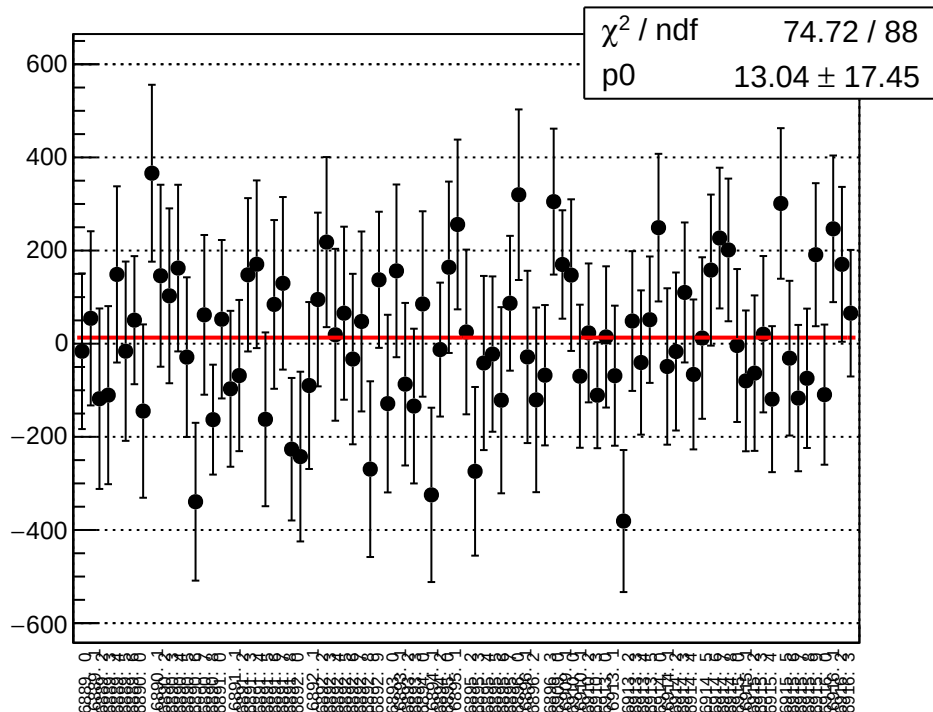
asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs run



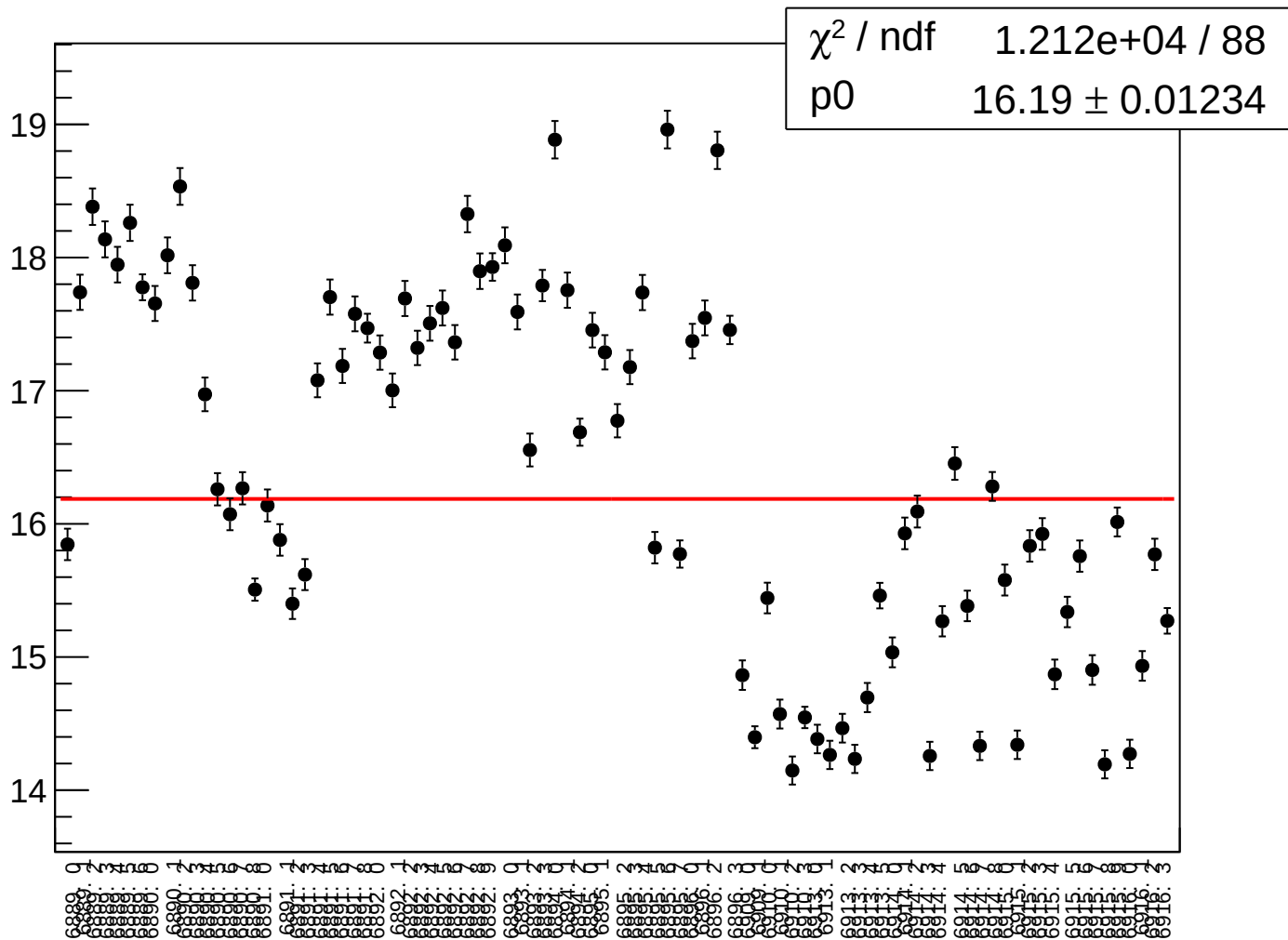
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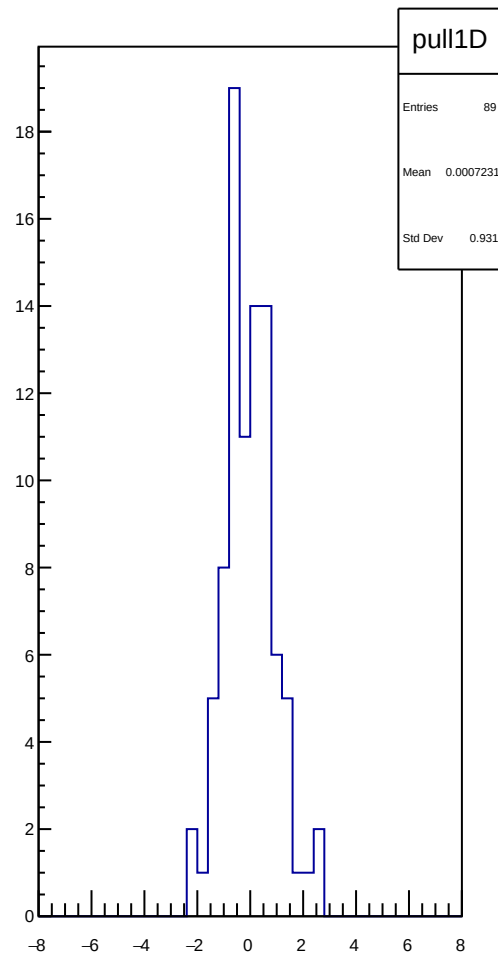
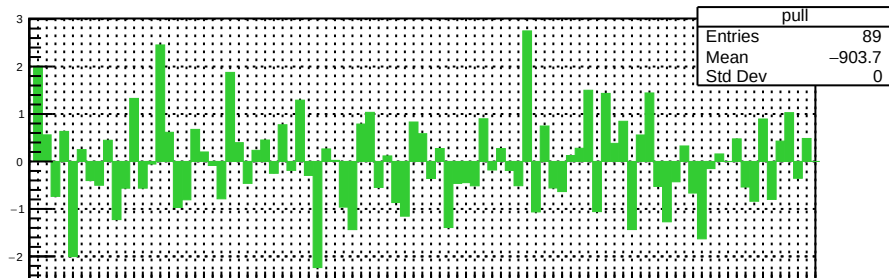
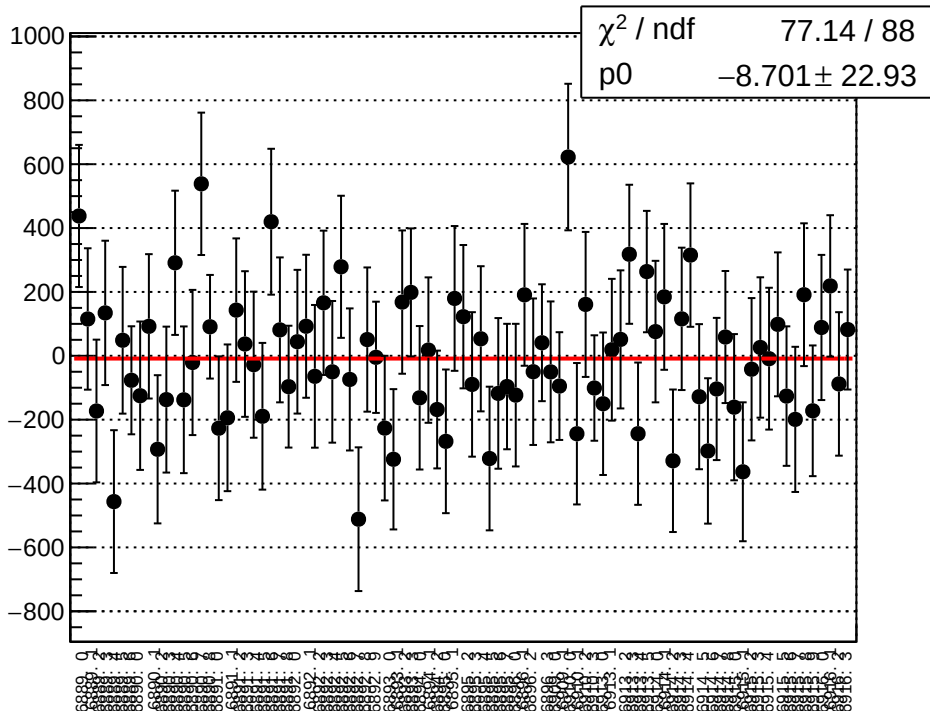
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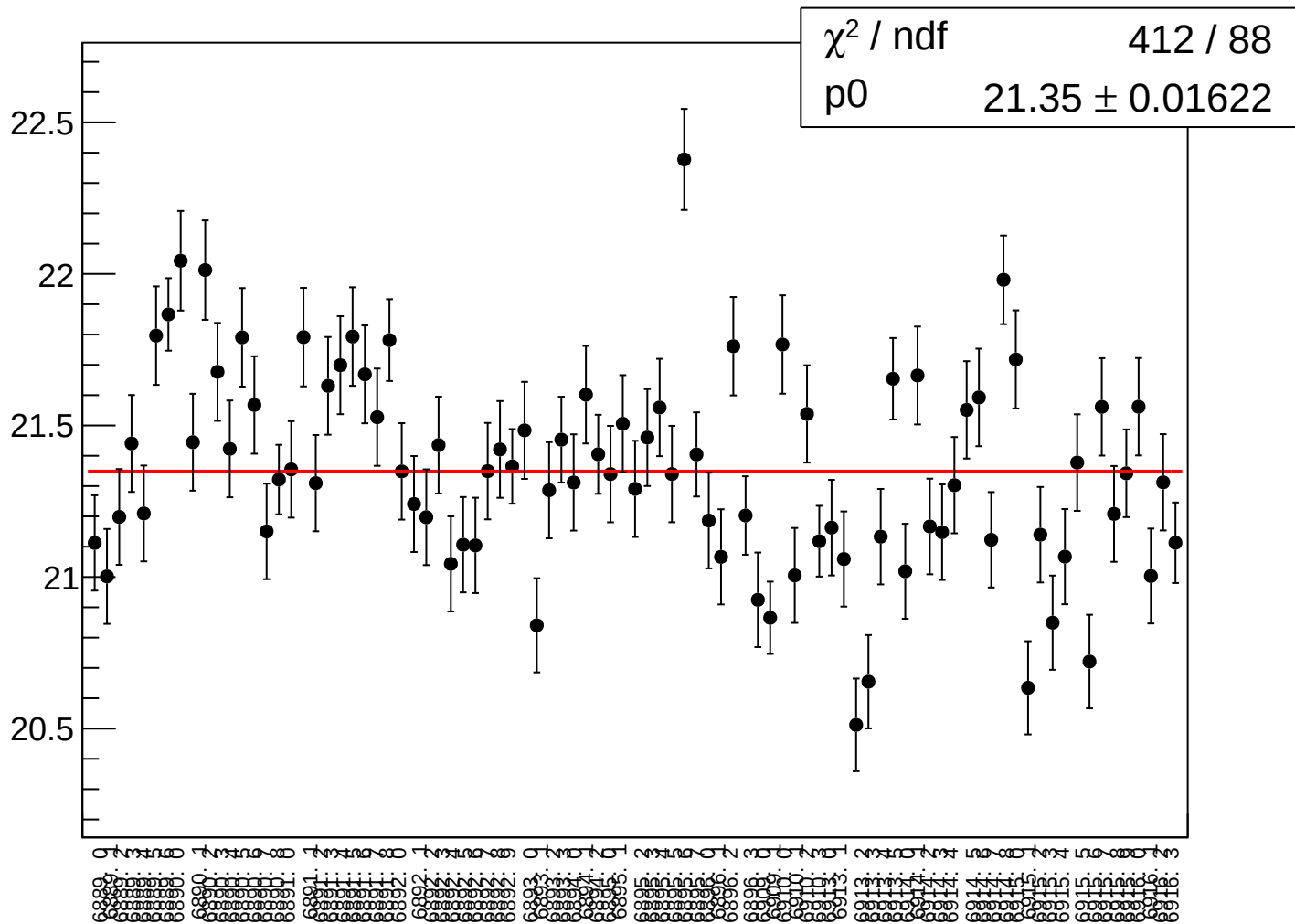
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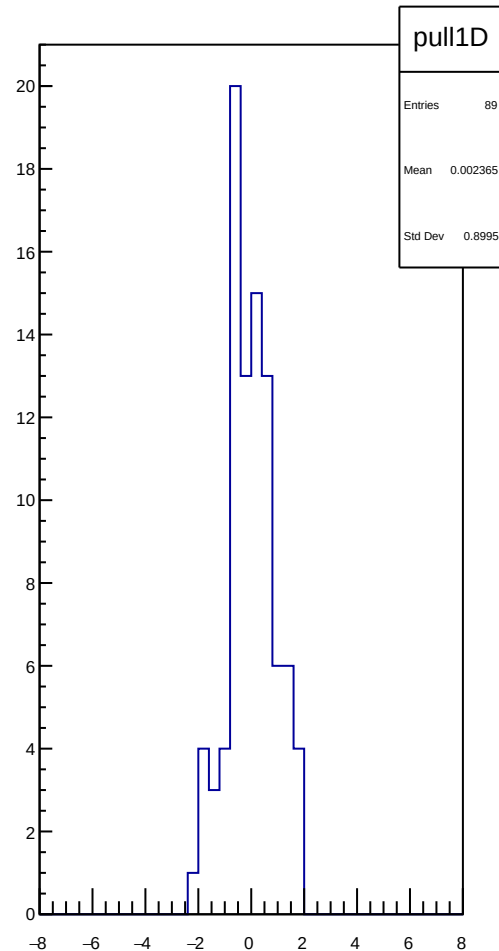
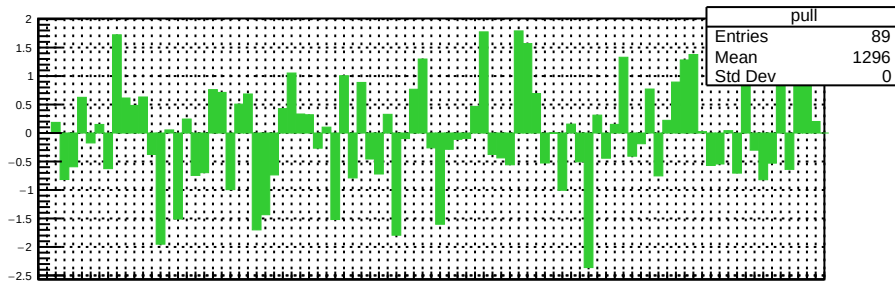
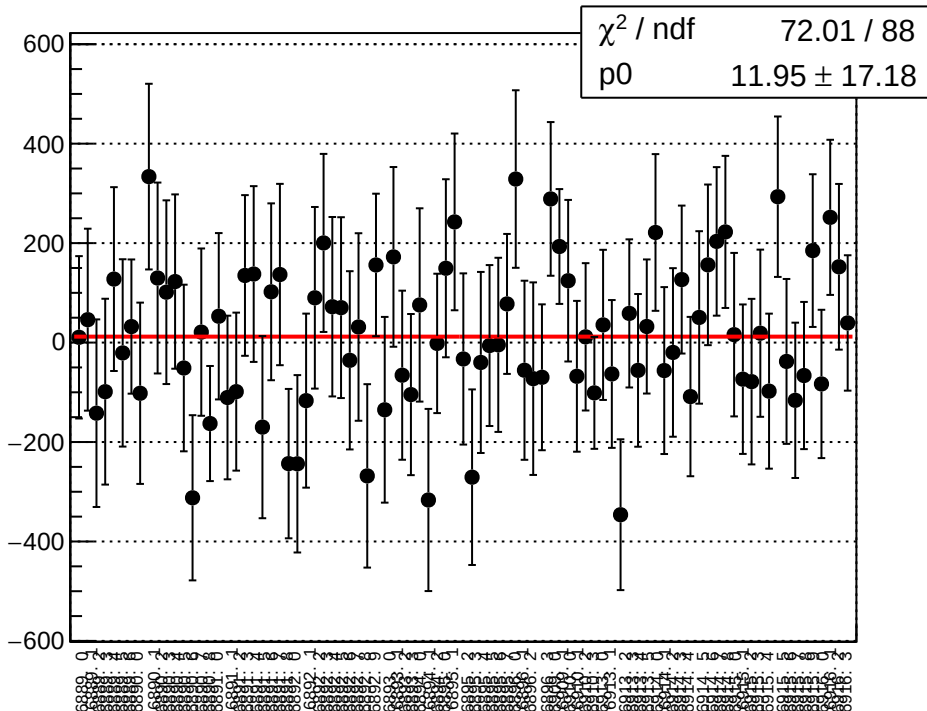
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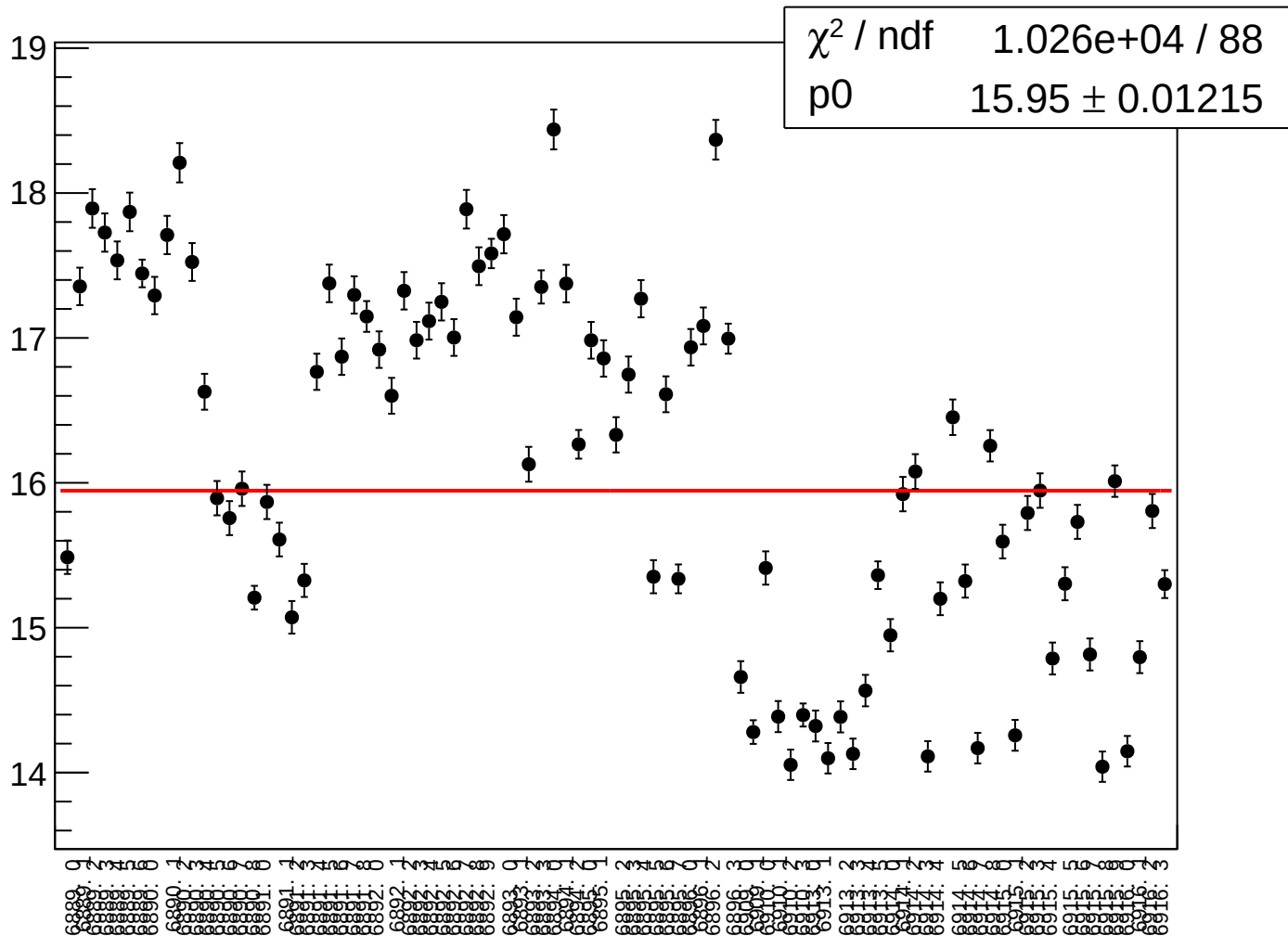
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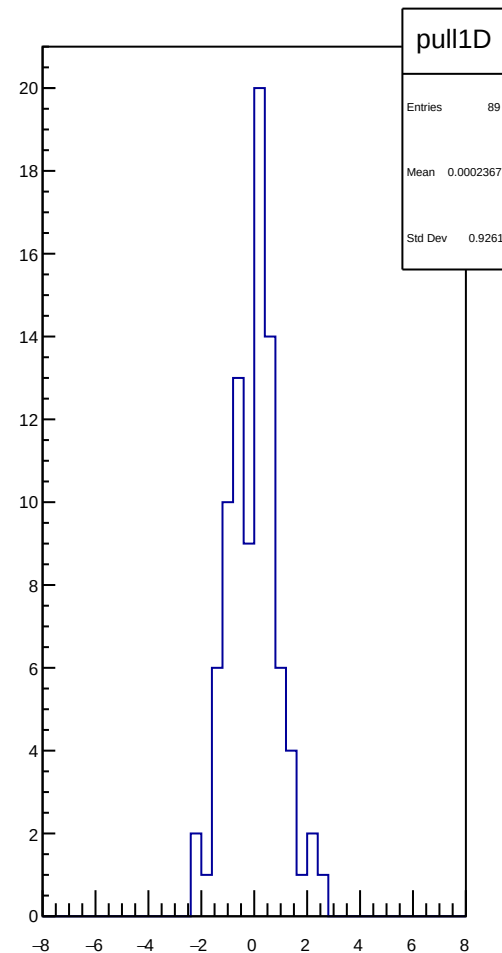
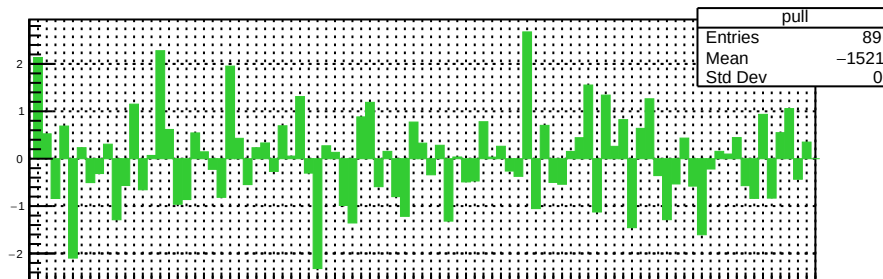
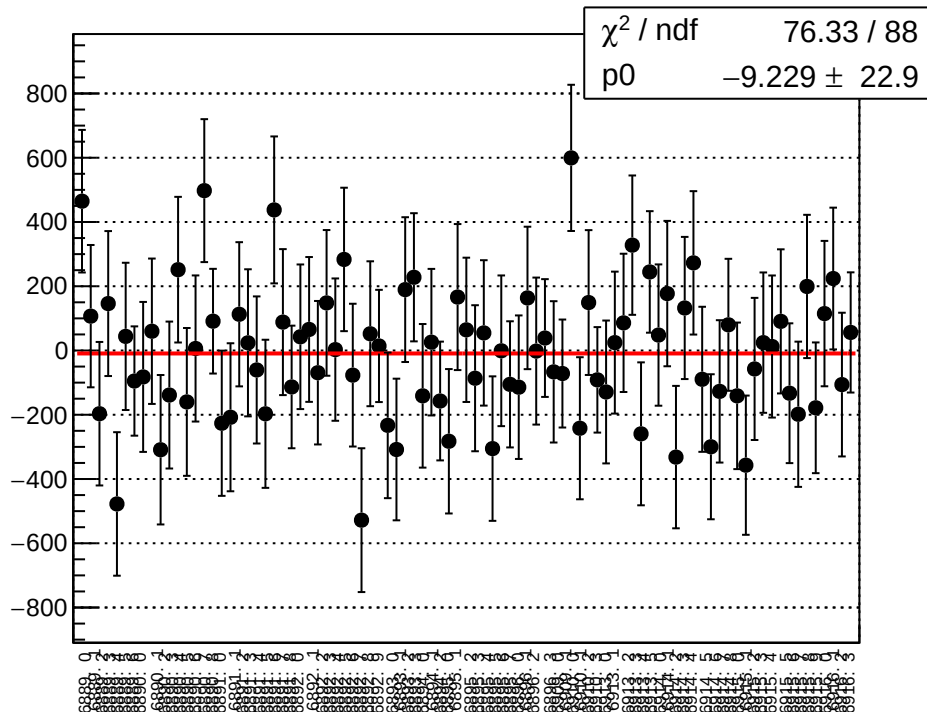
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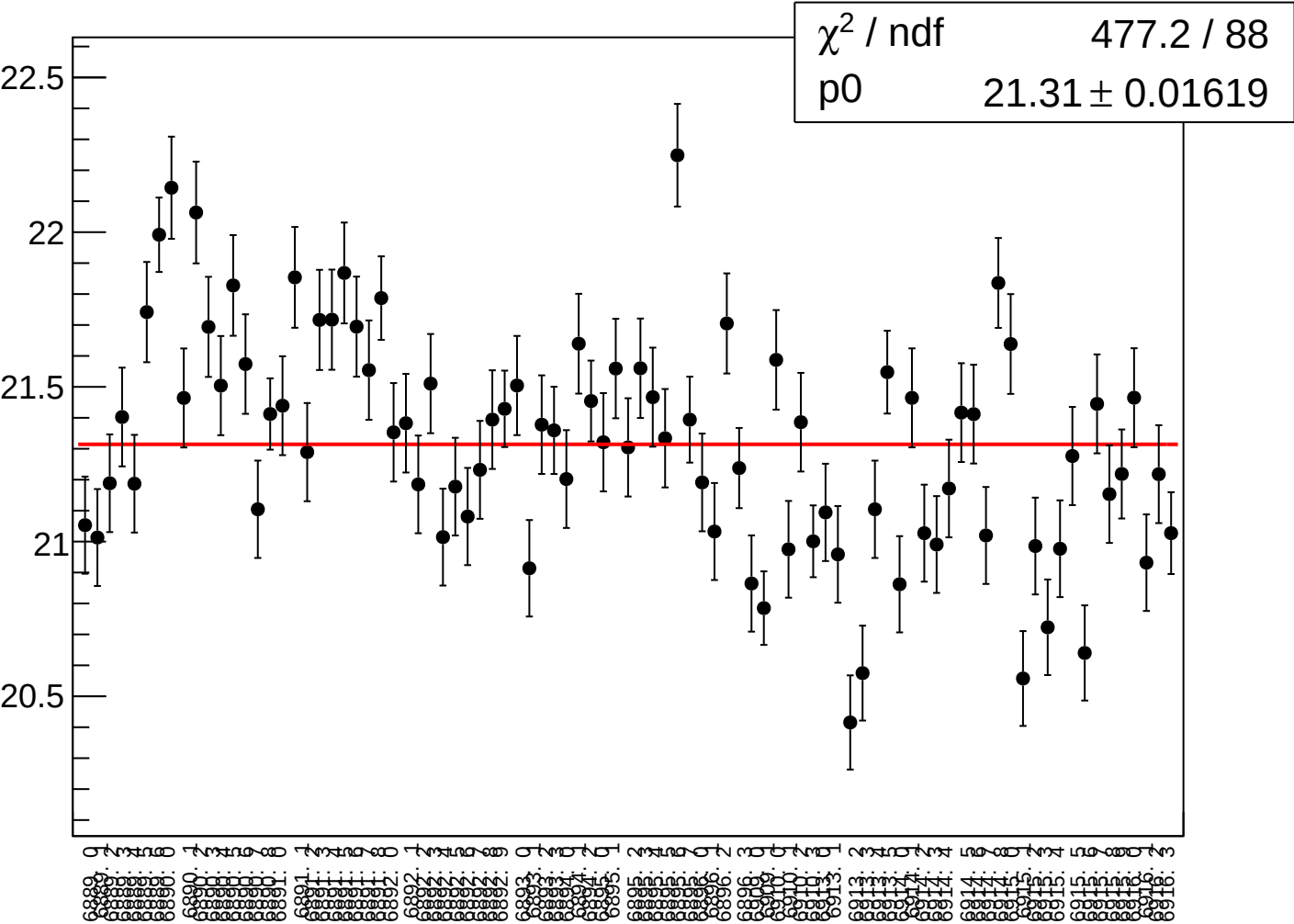
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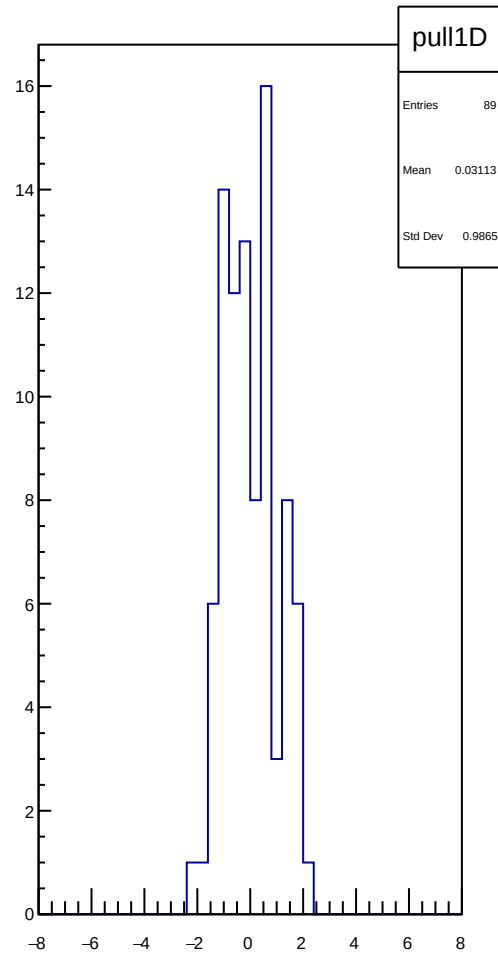
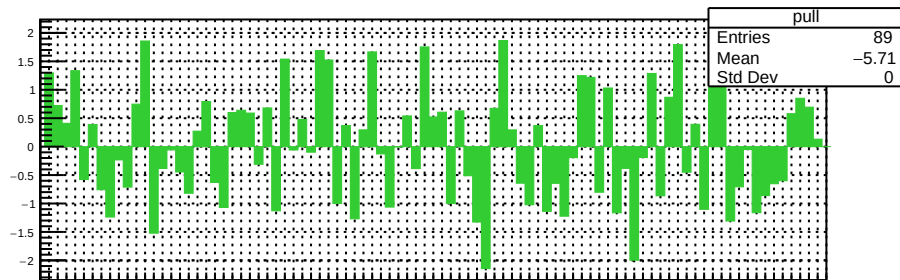
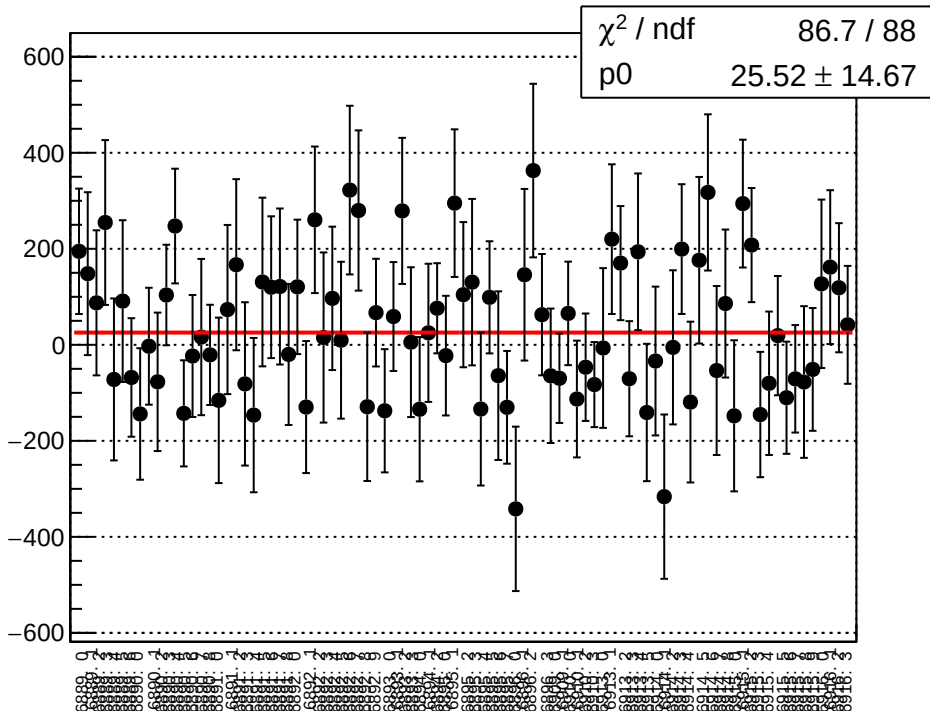
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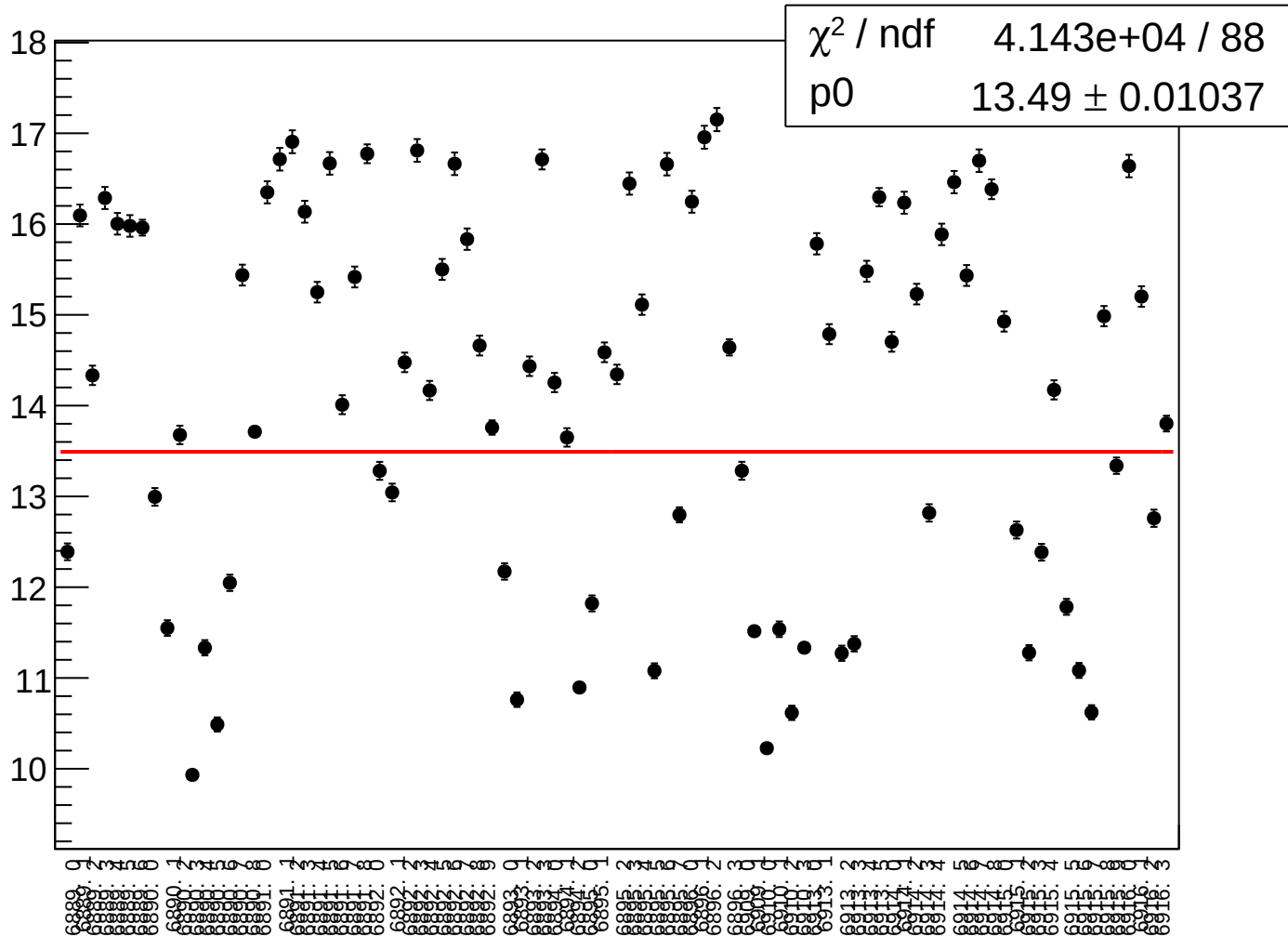
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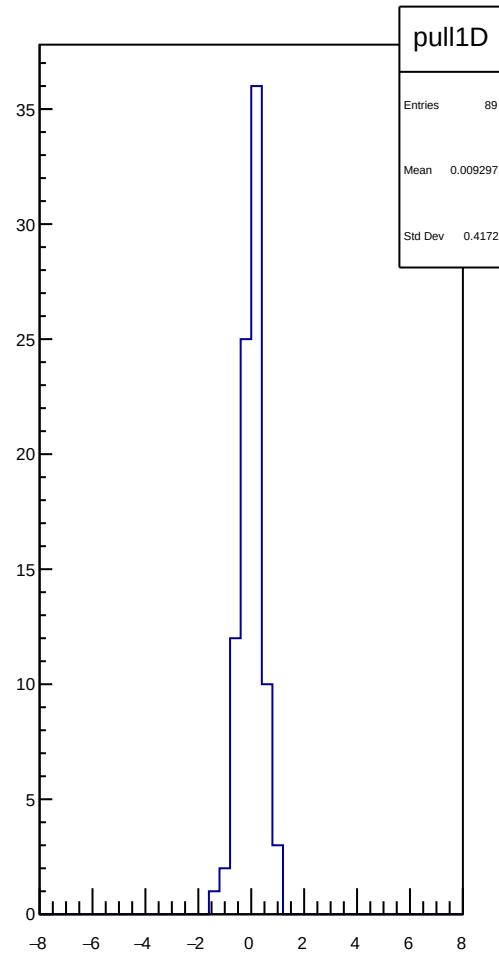
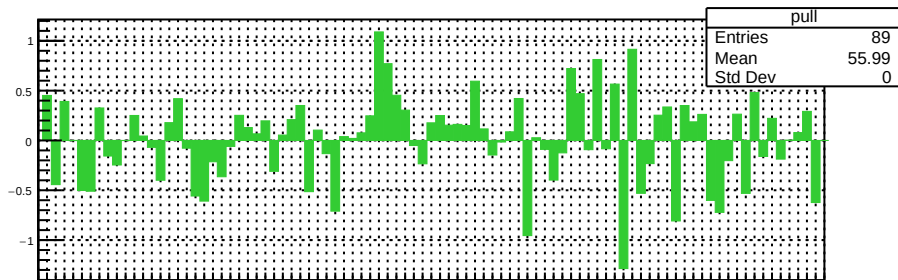
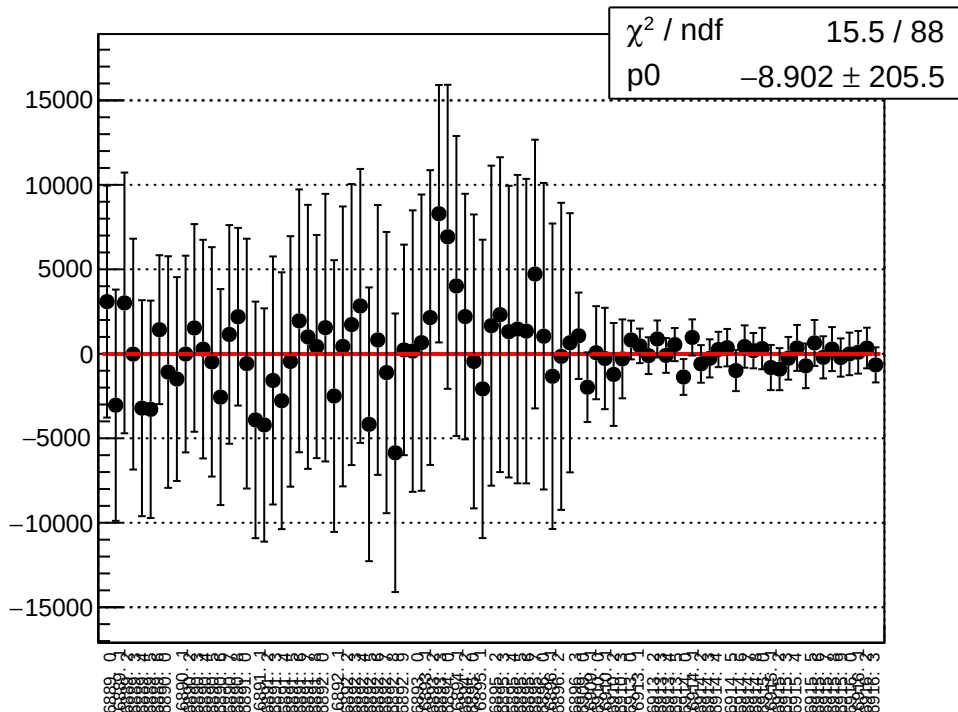
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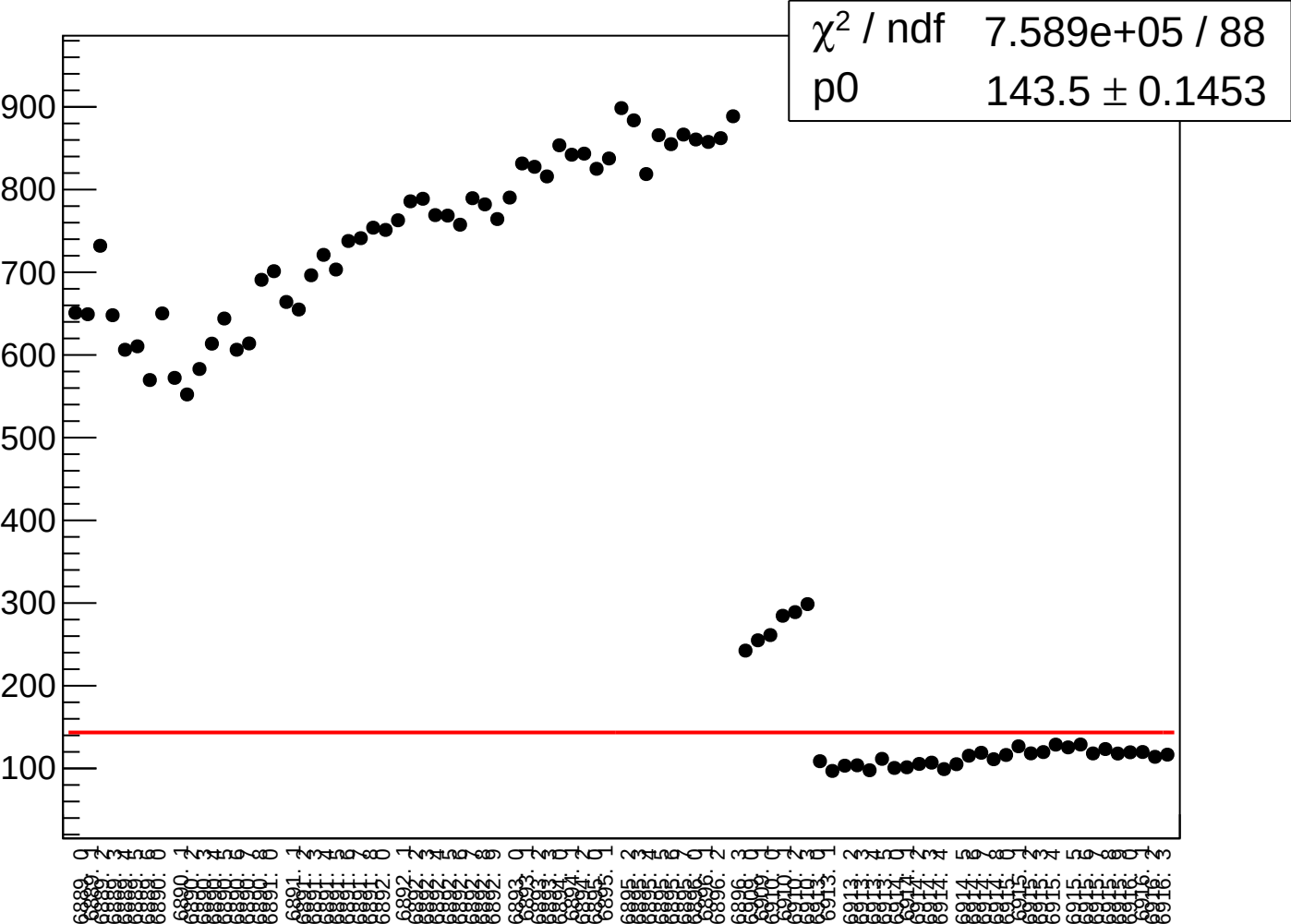
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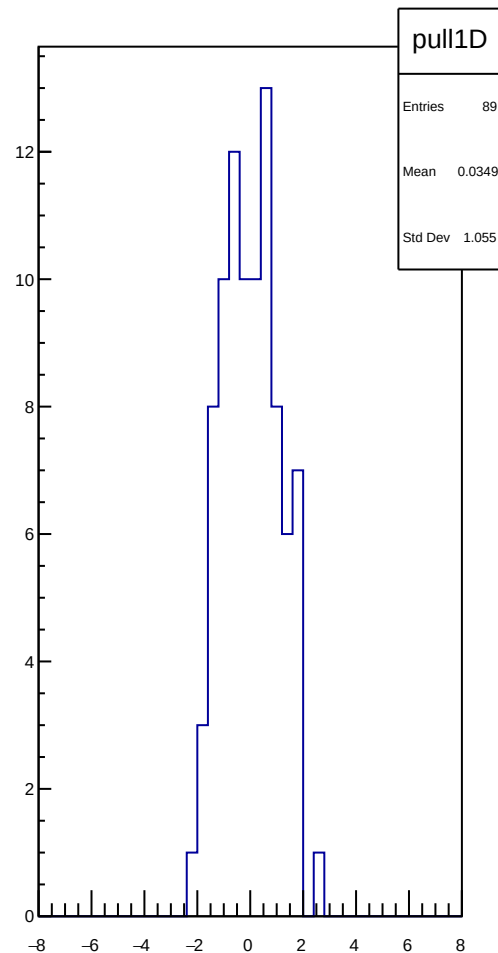
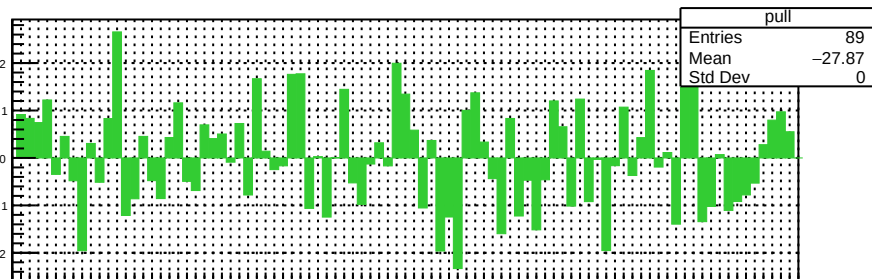
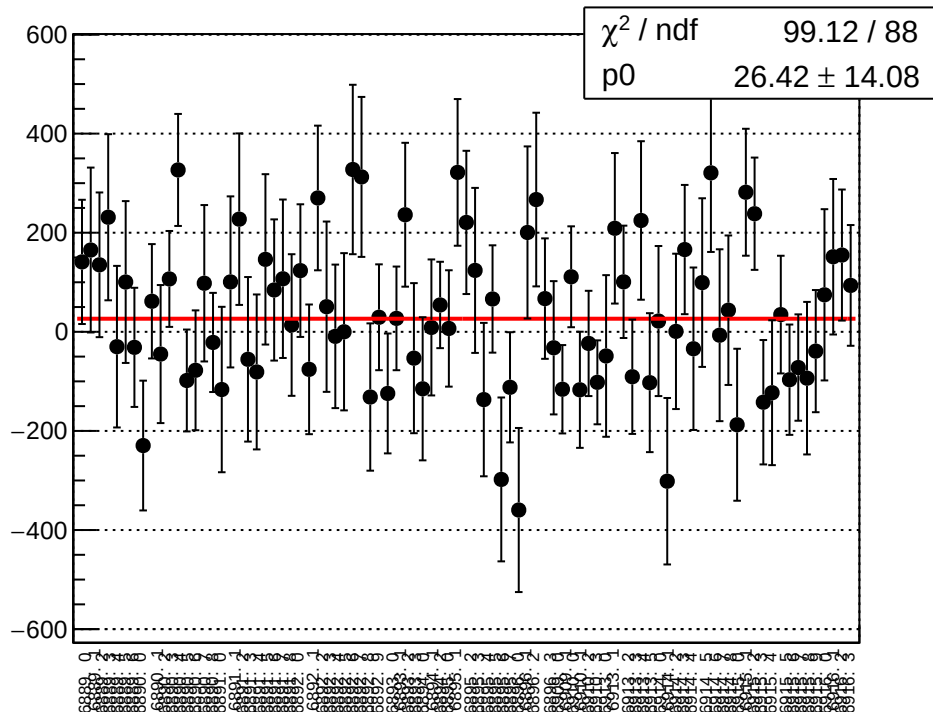
asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs run



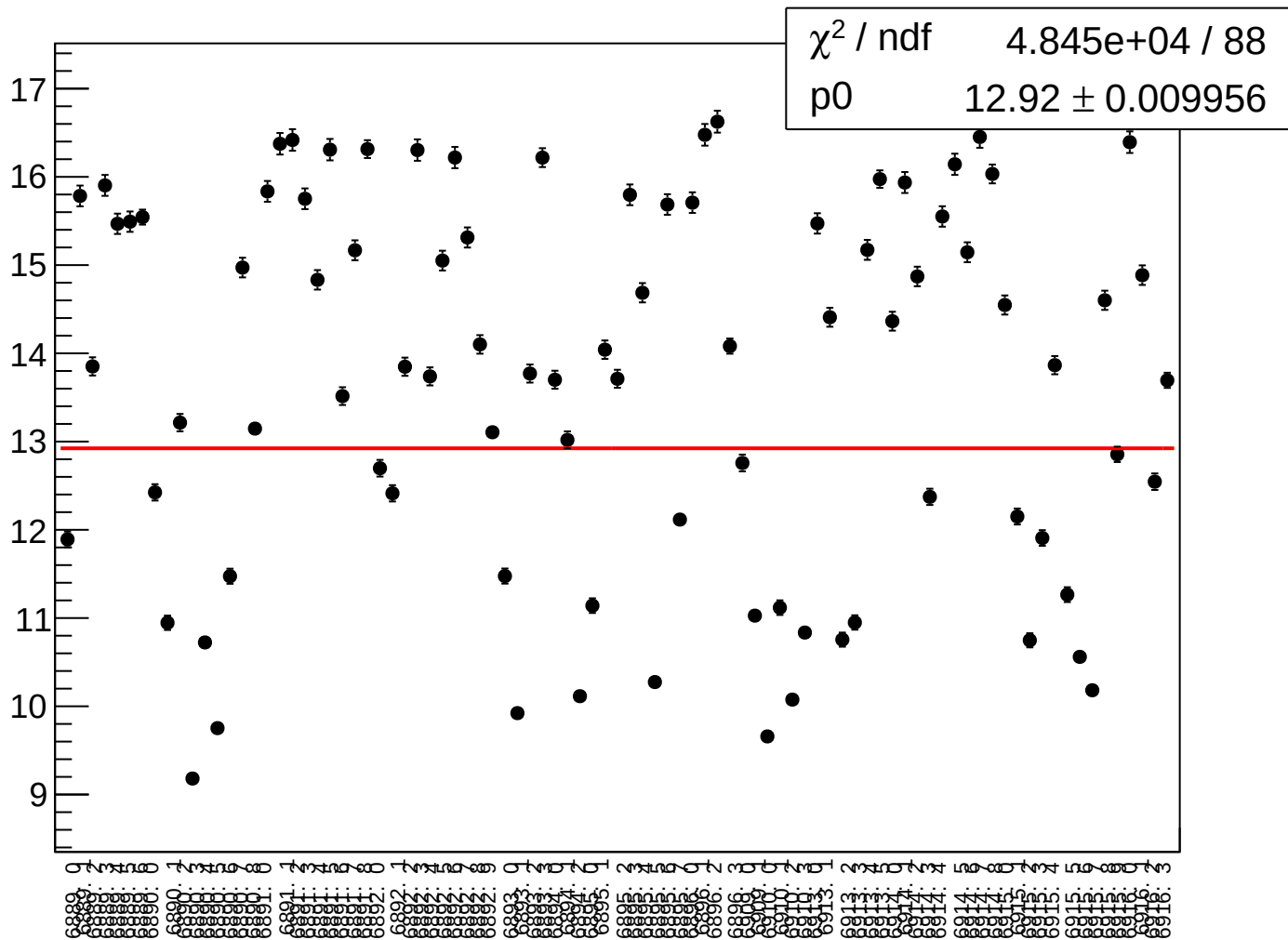
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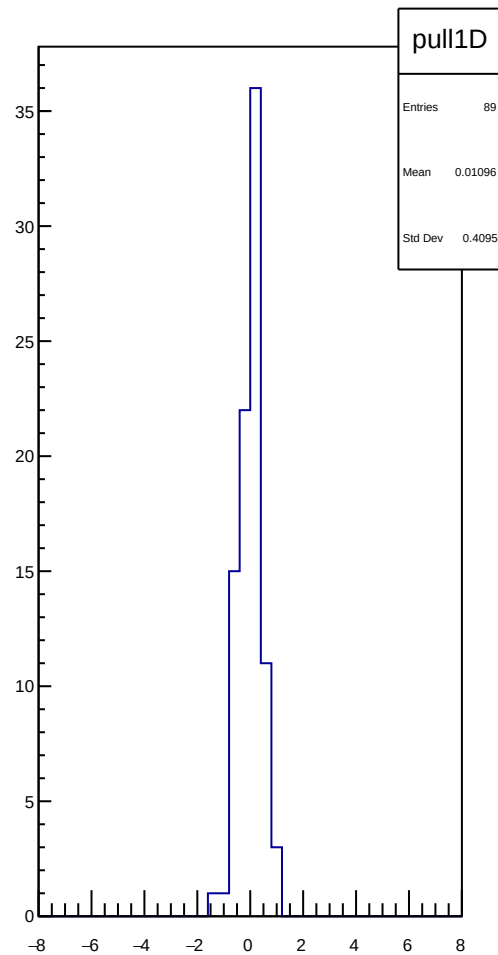
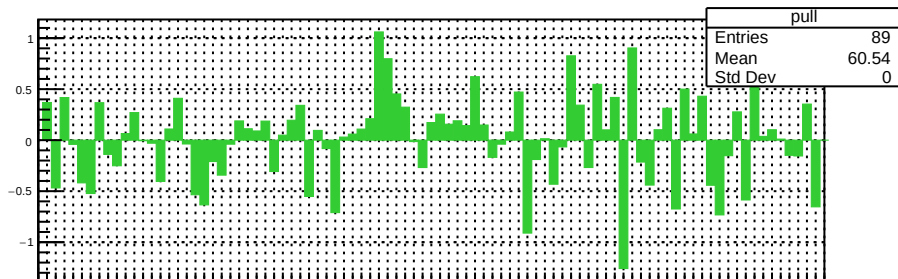
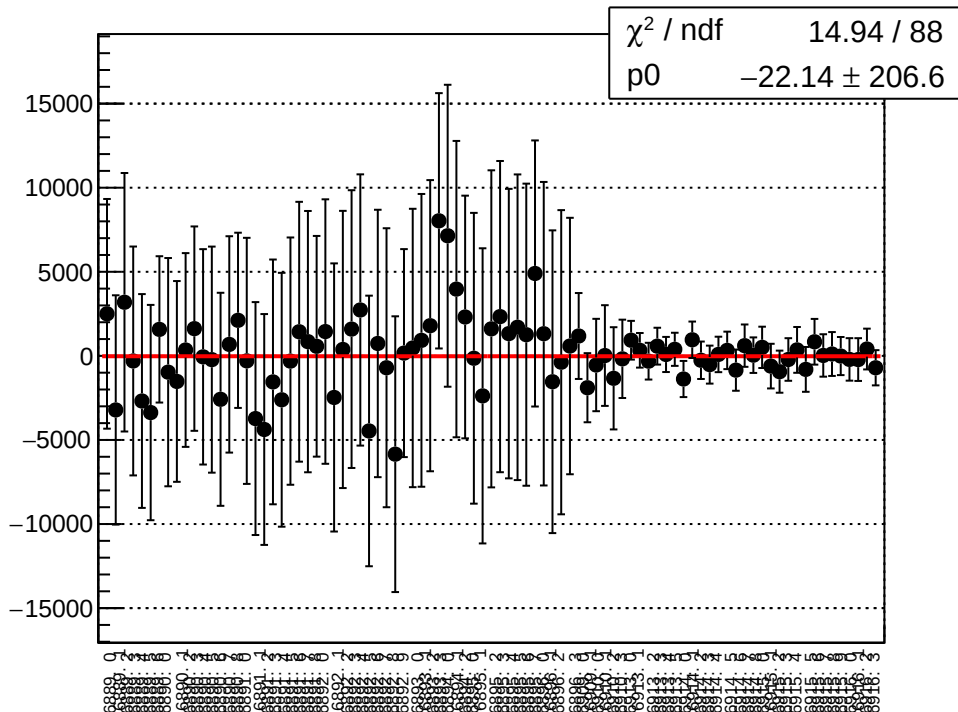
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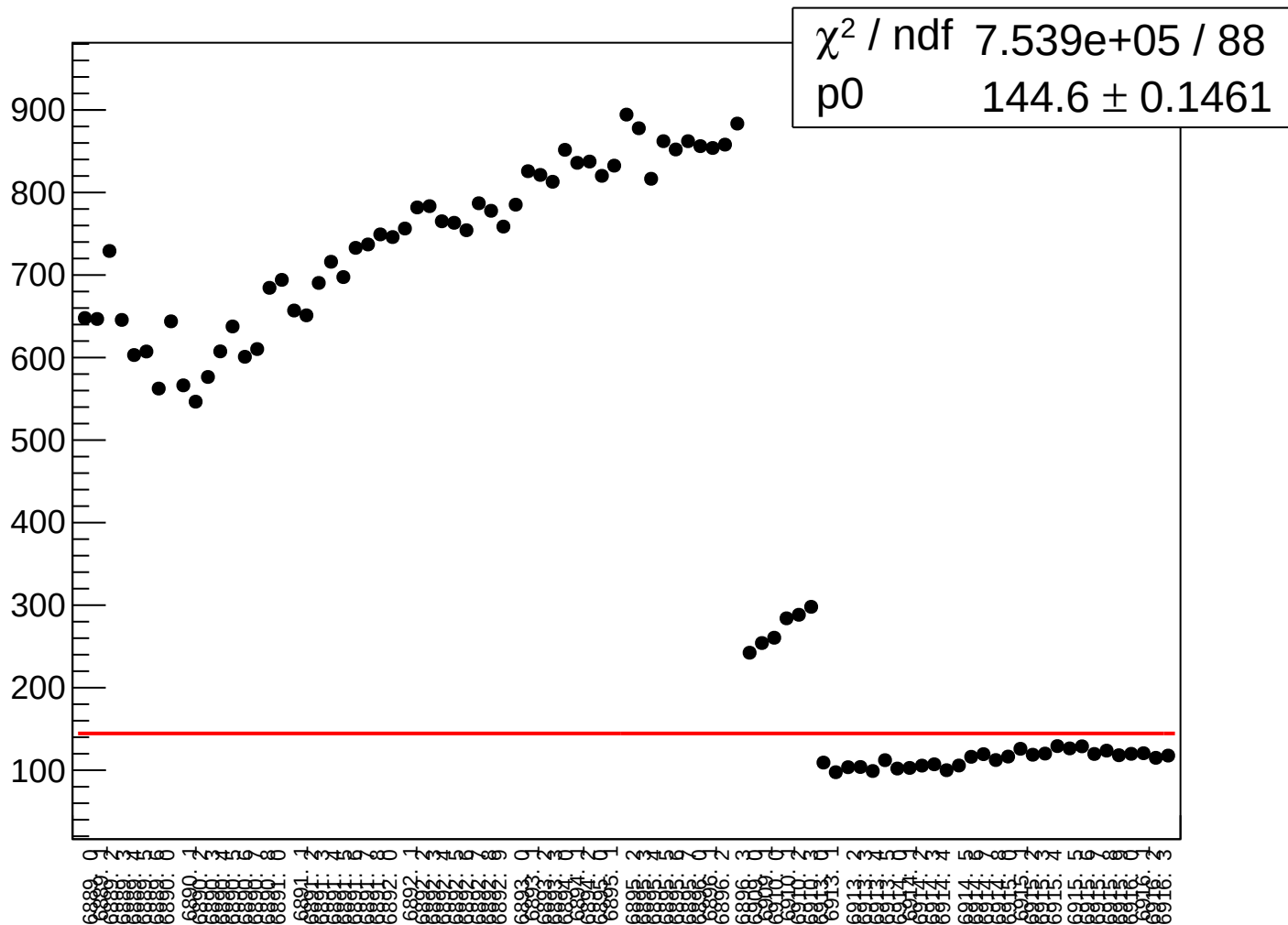
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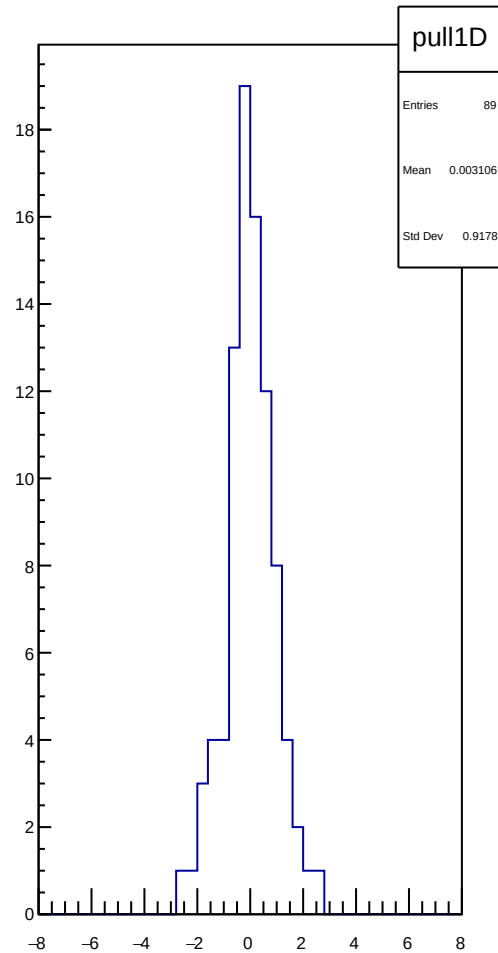
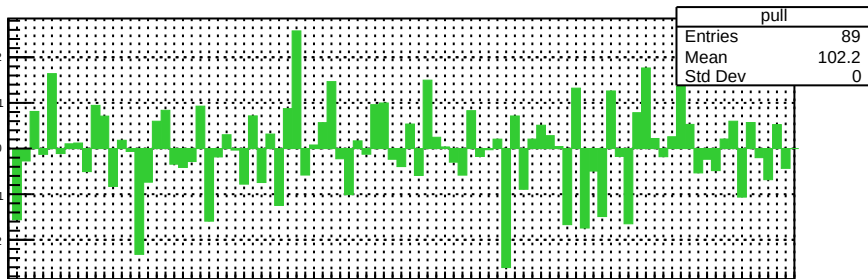
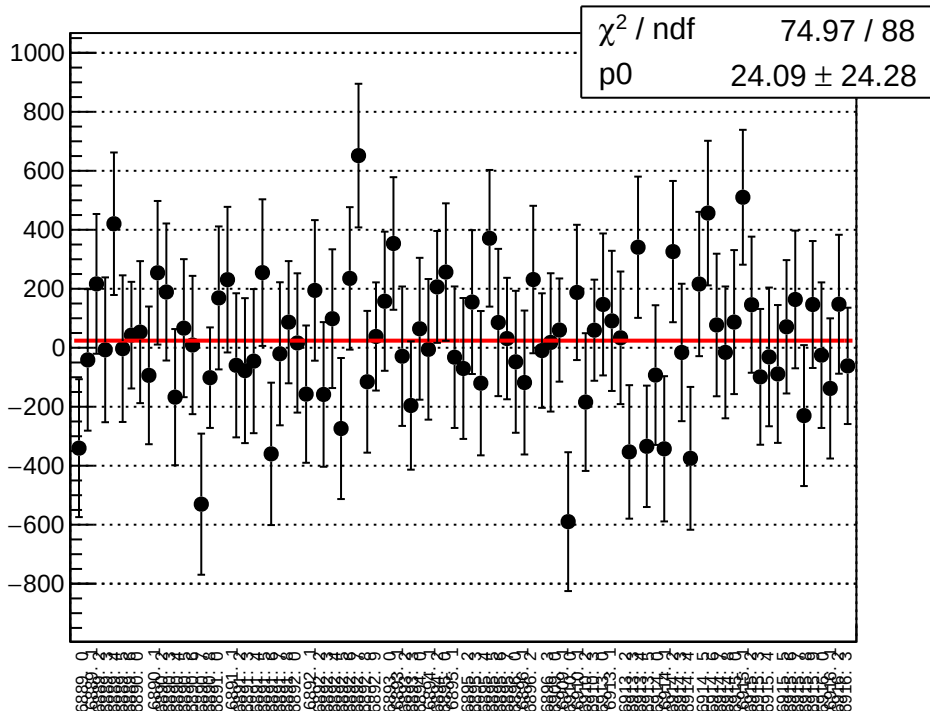
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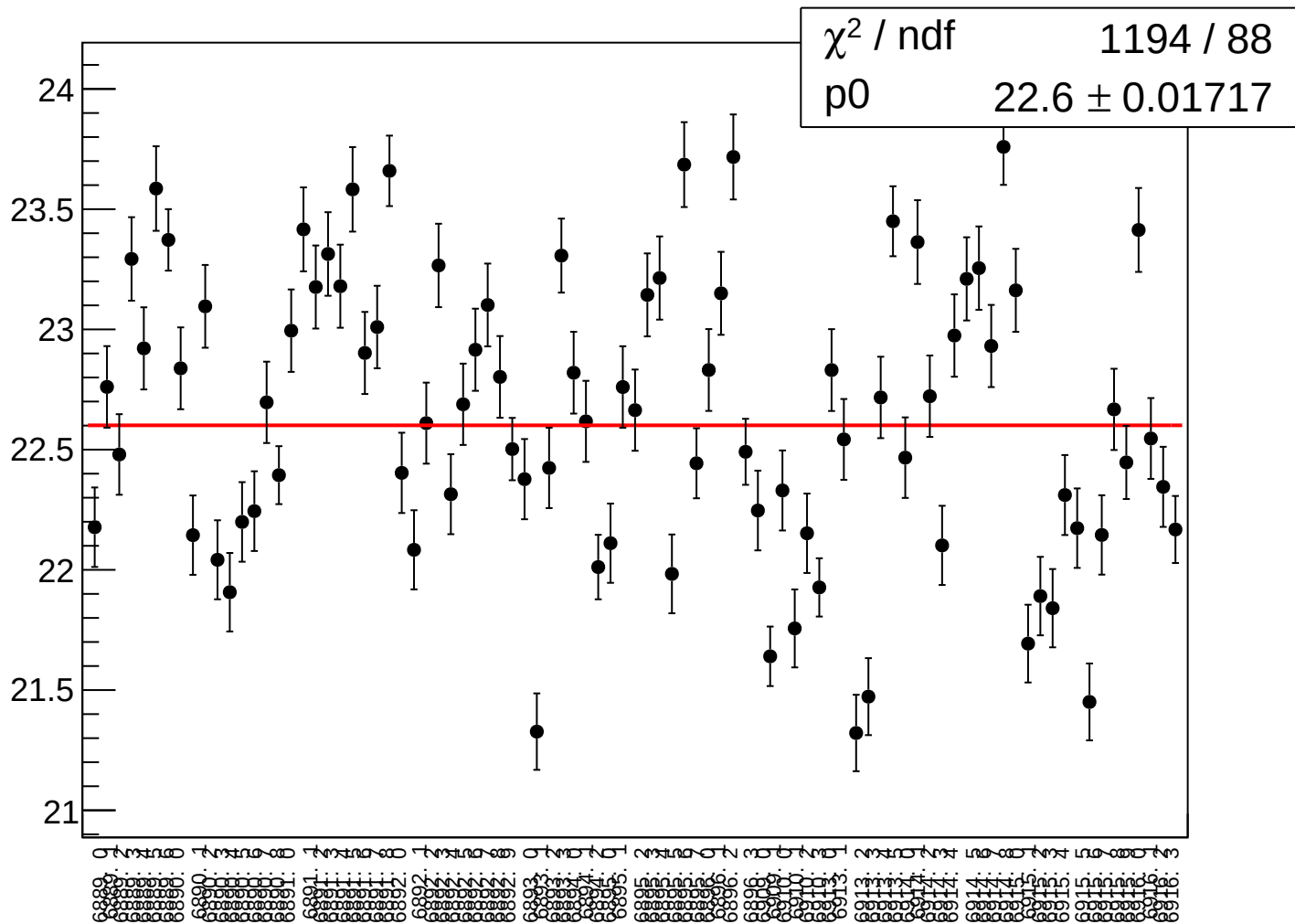
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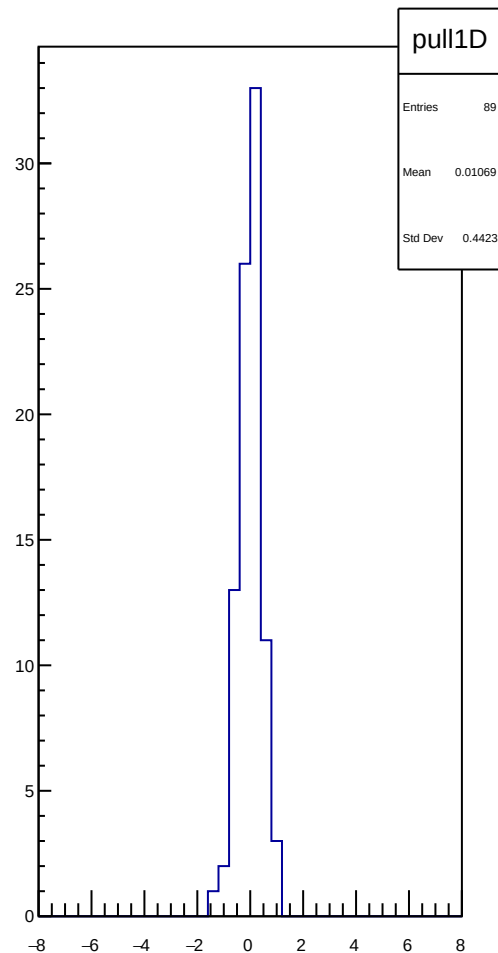
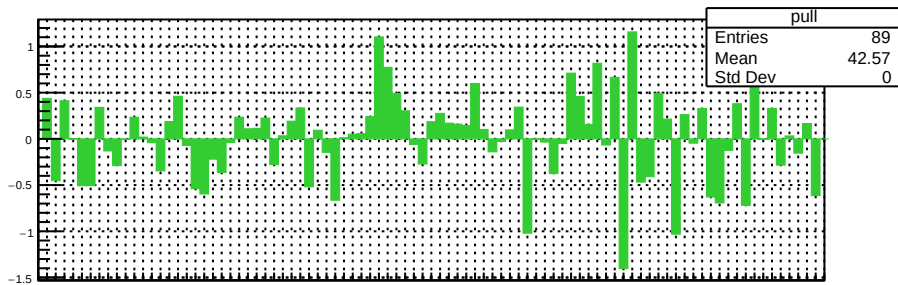
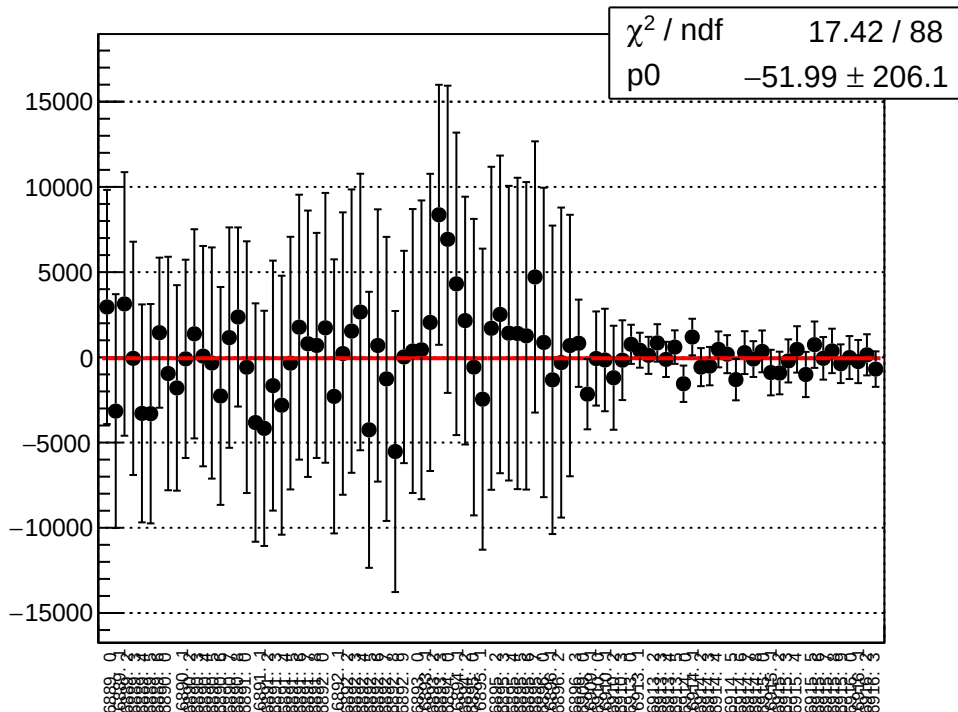
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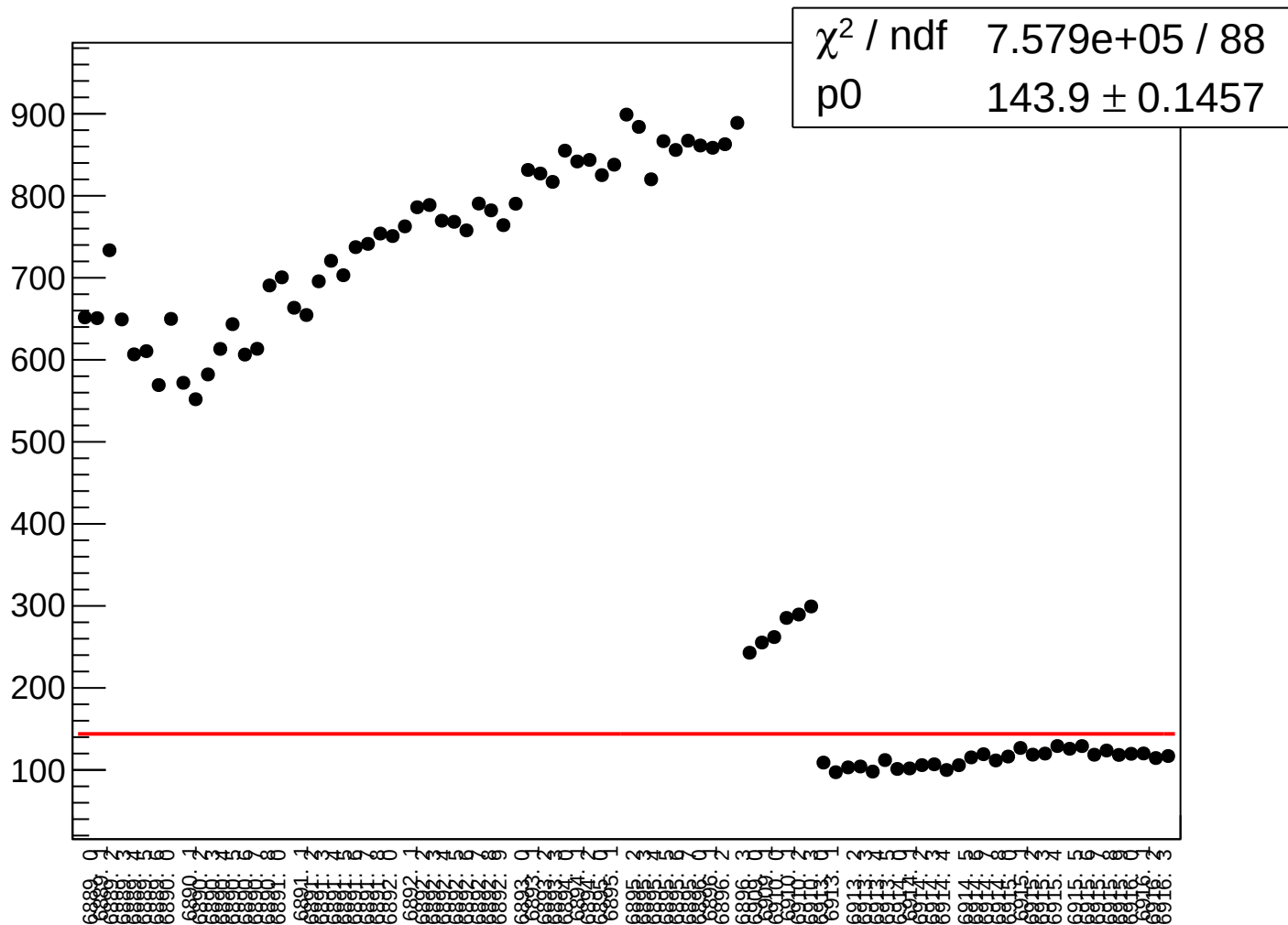
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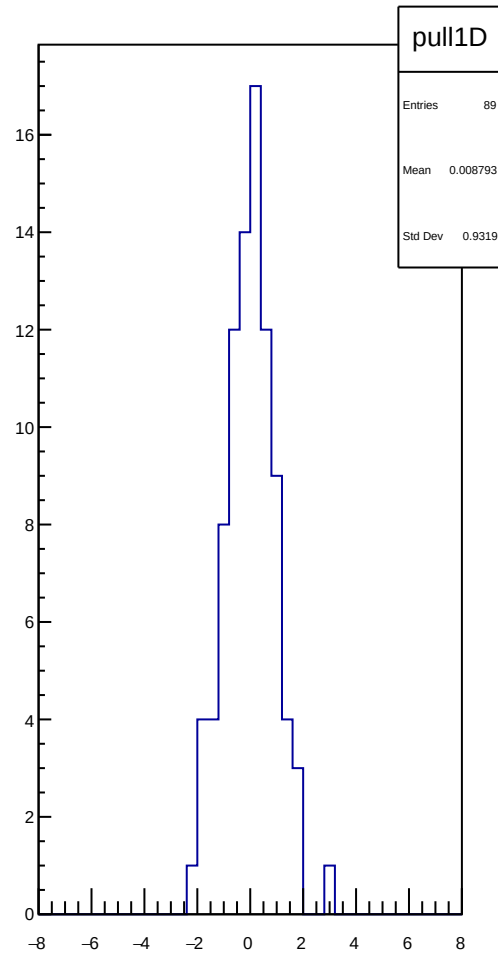
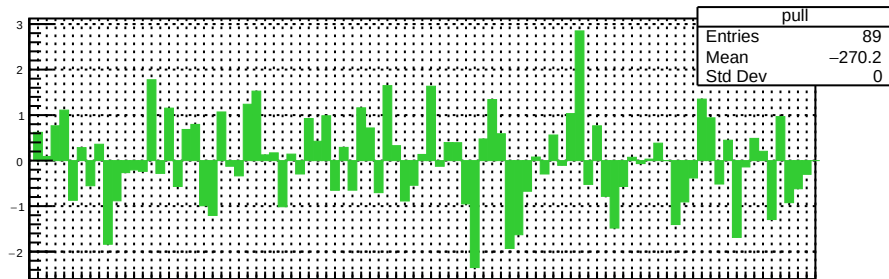
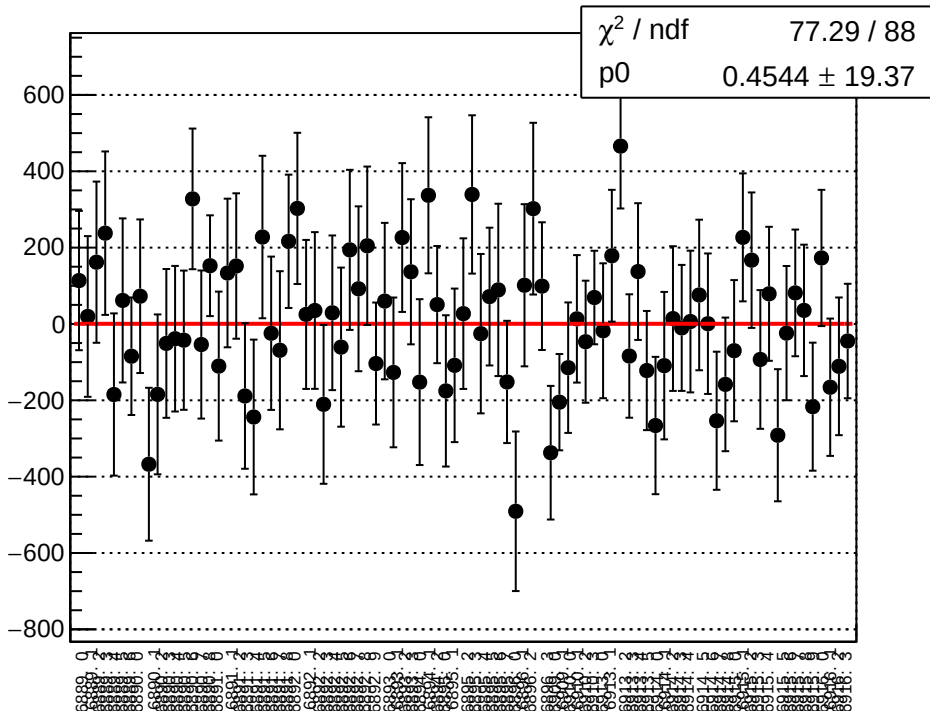
asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs run



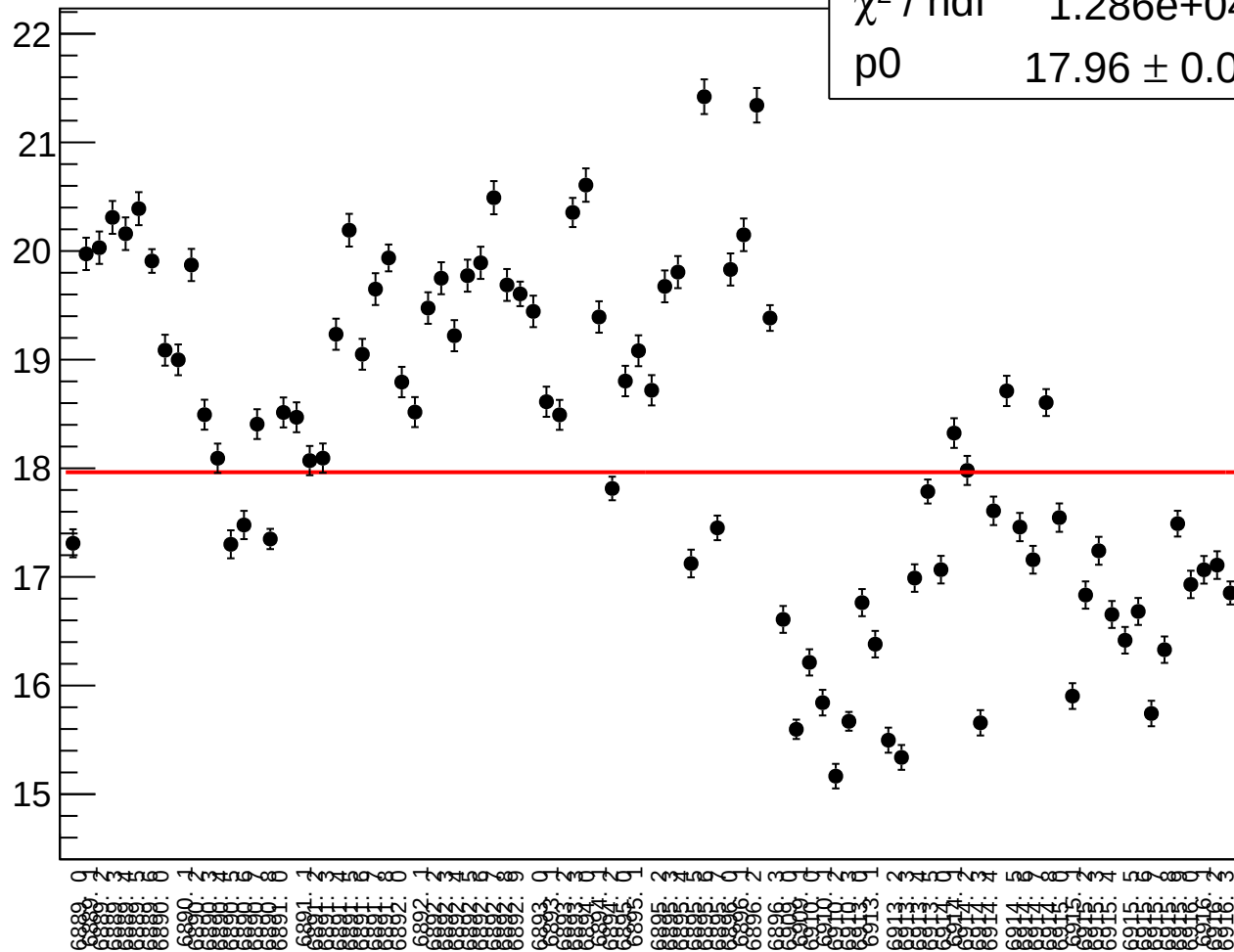
asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs run



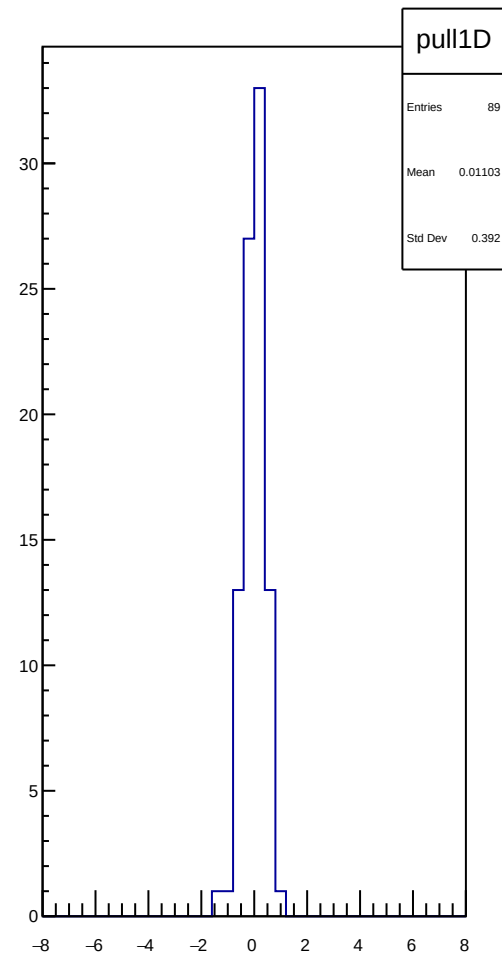
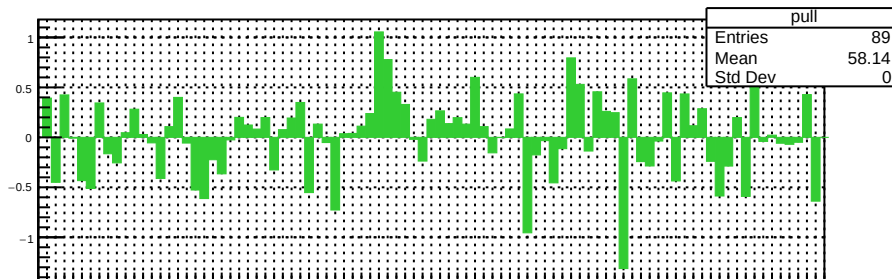
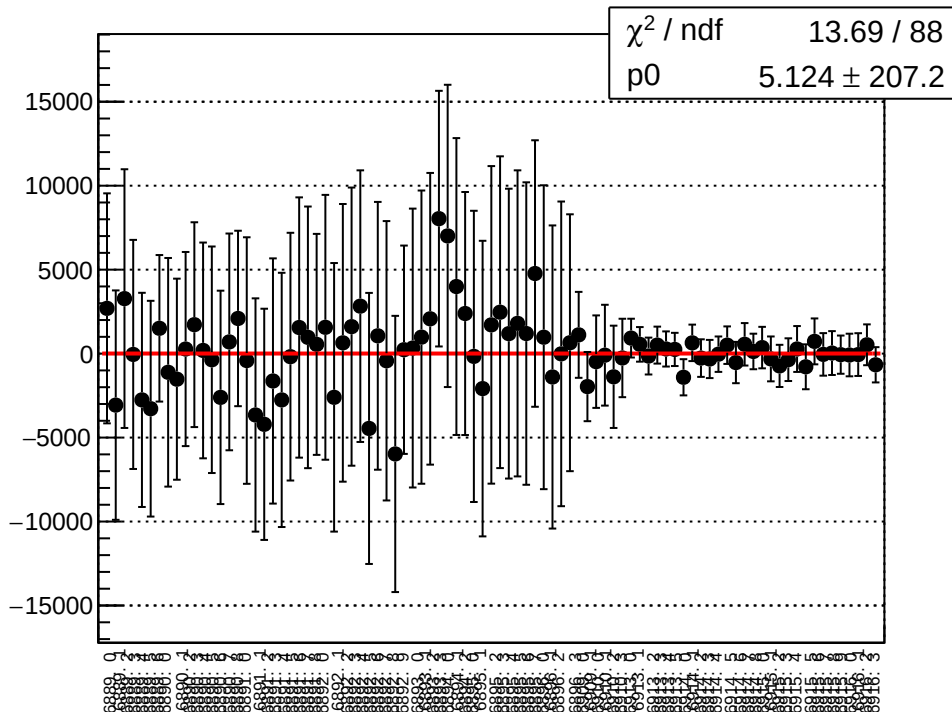
asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs run



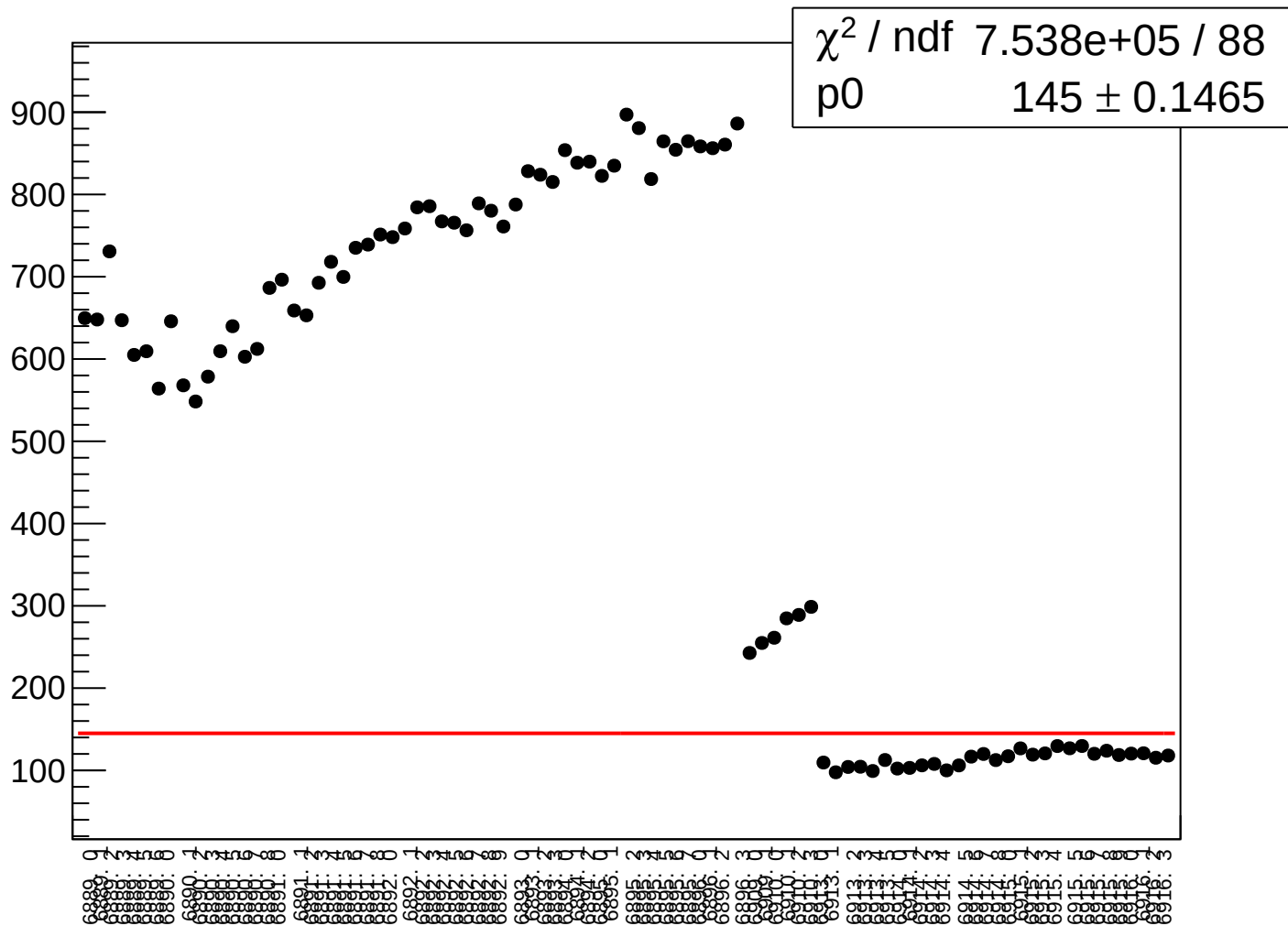
χ^2 / ndf	1.286e+04 / 88
p0	17.96 ± 0.01369



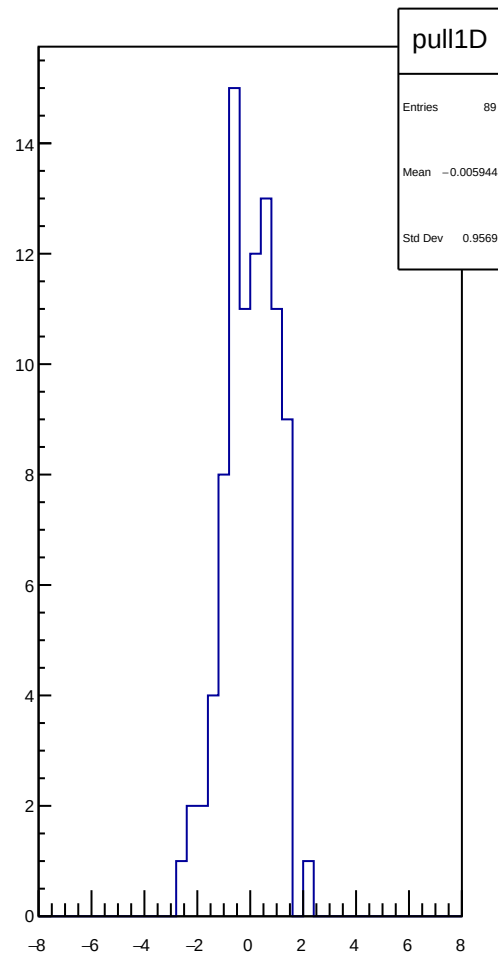
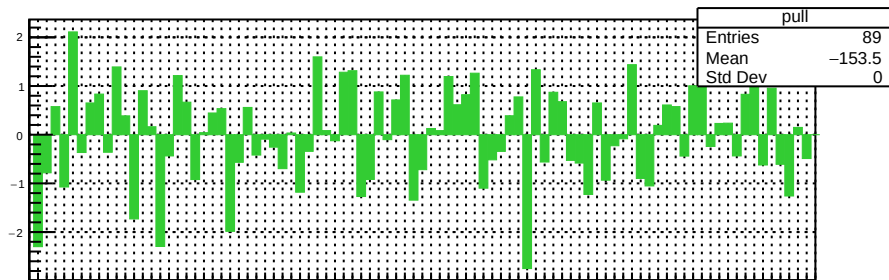
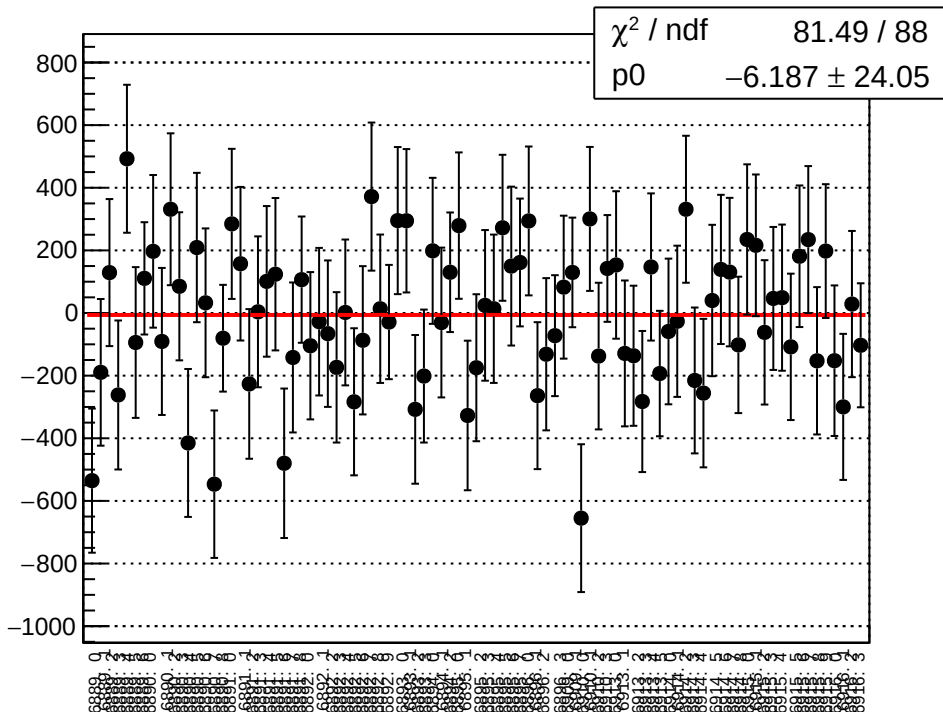
asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs run



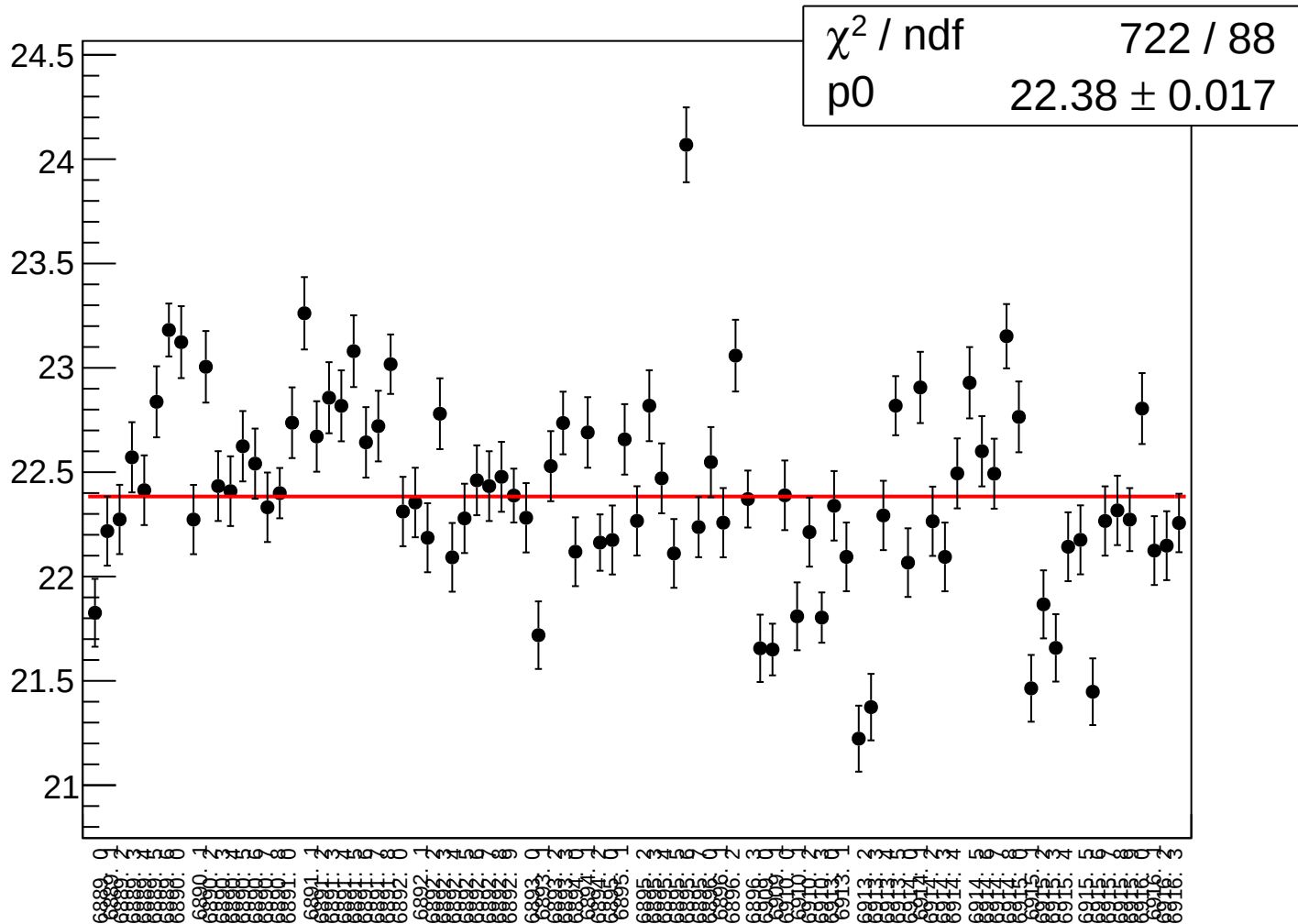
asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs run



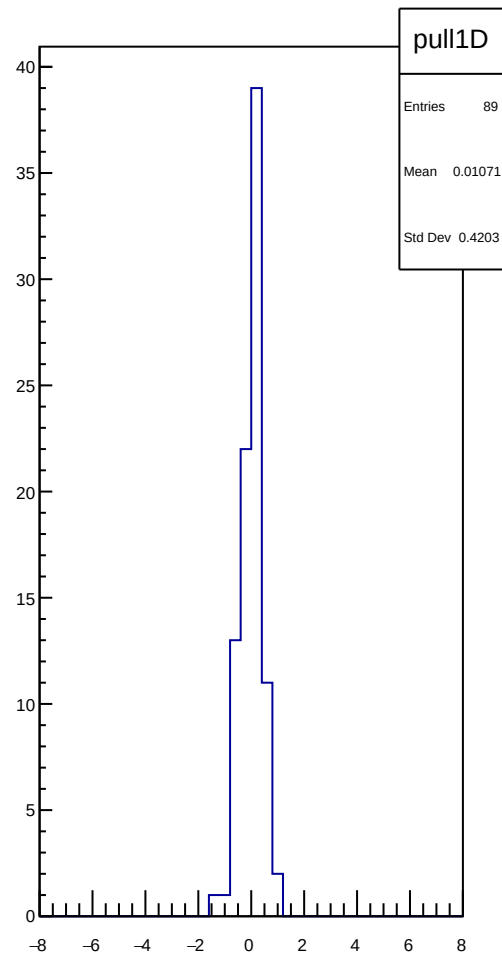
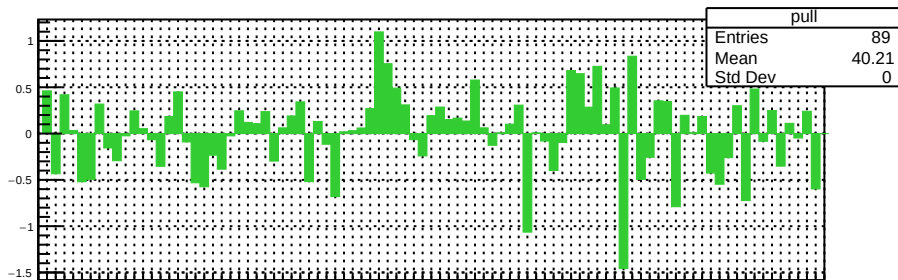
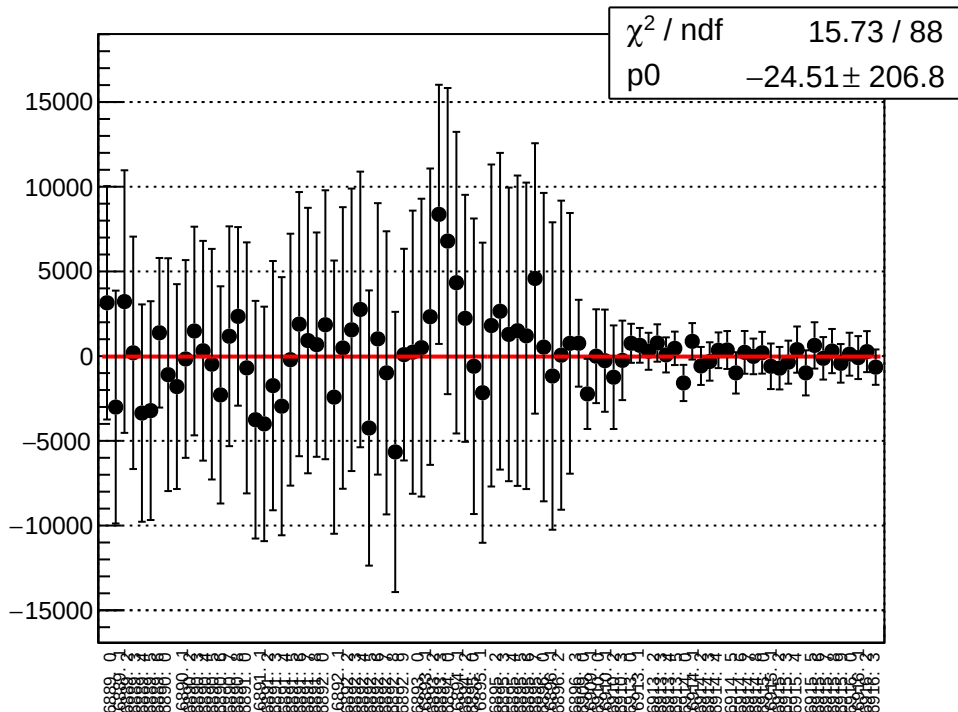
asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs run



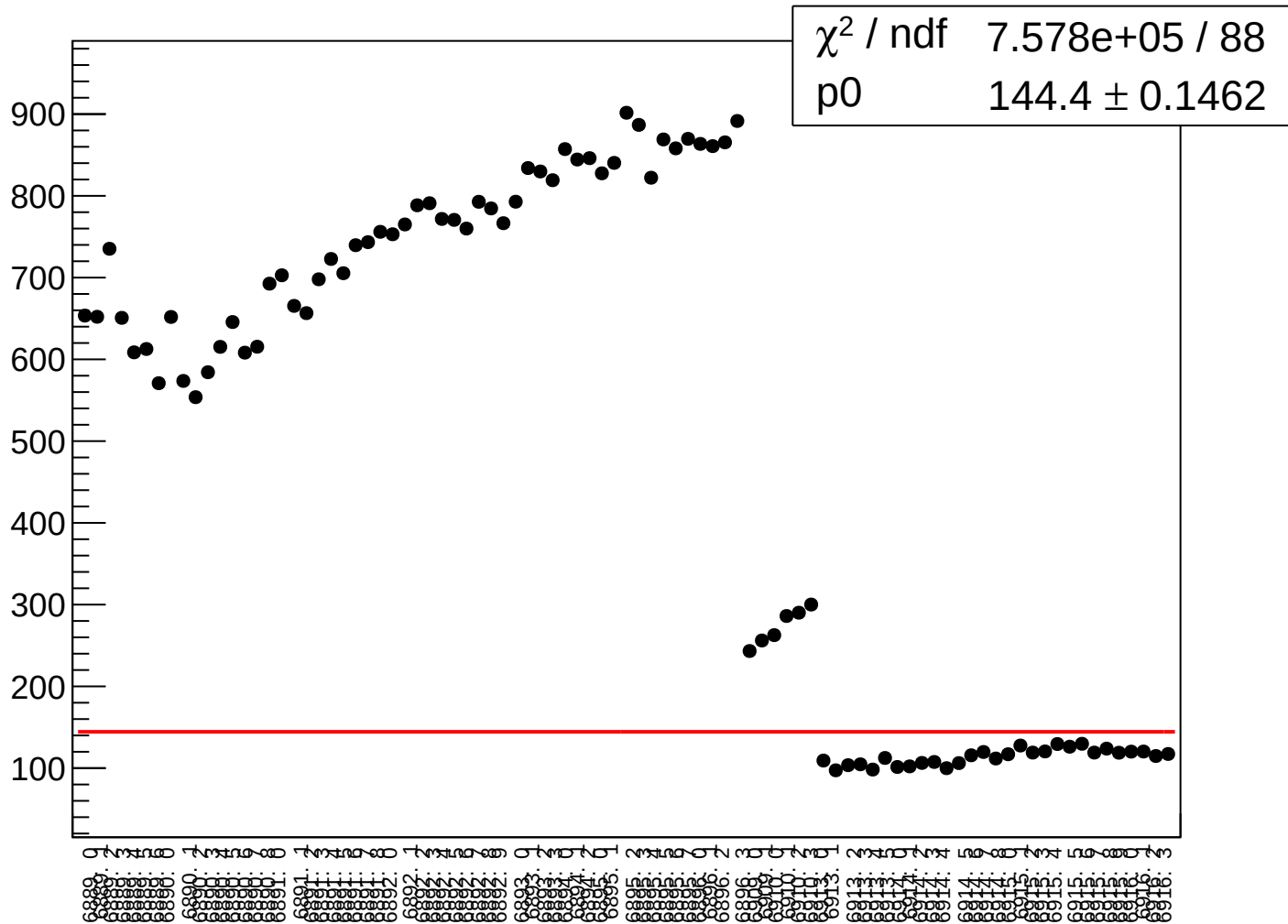
asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs run



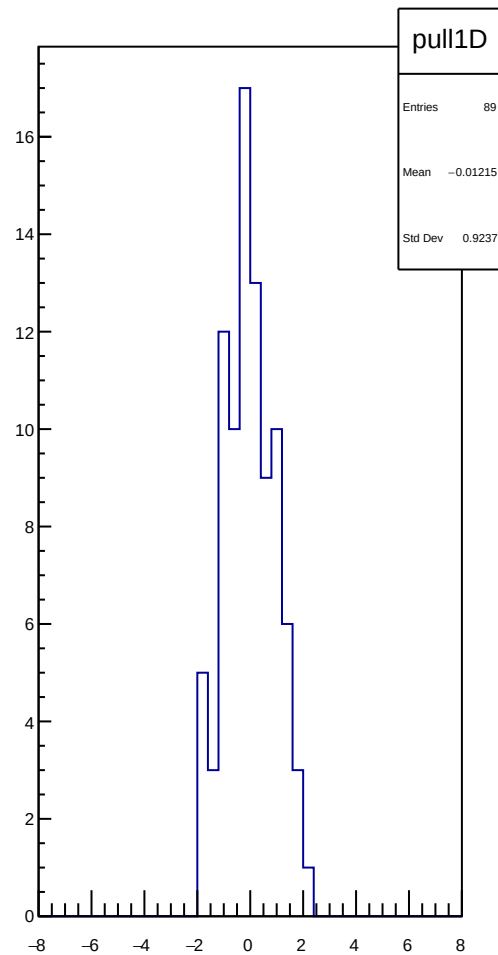
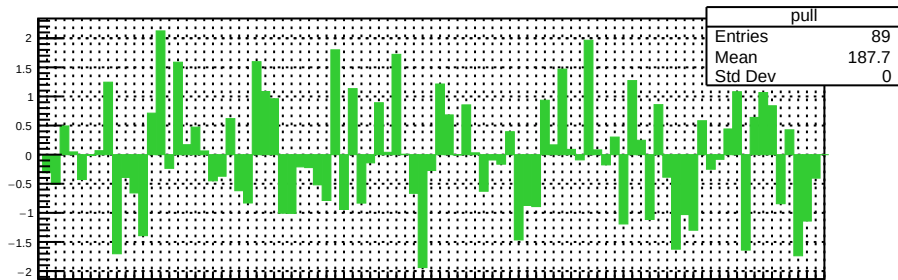
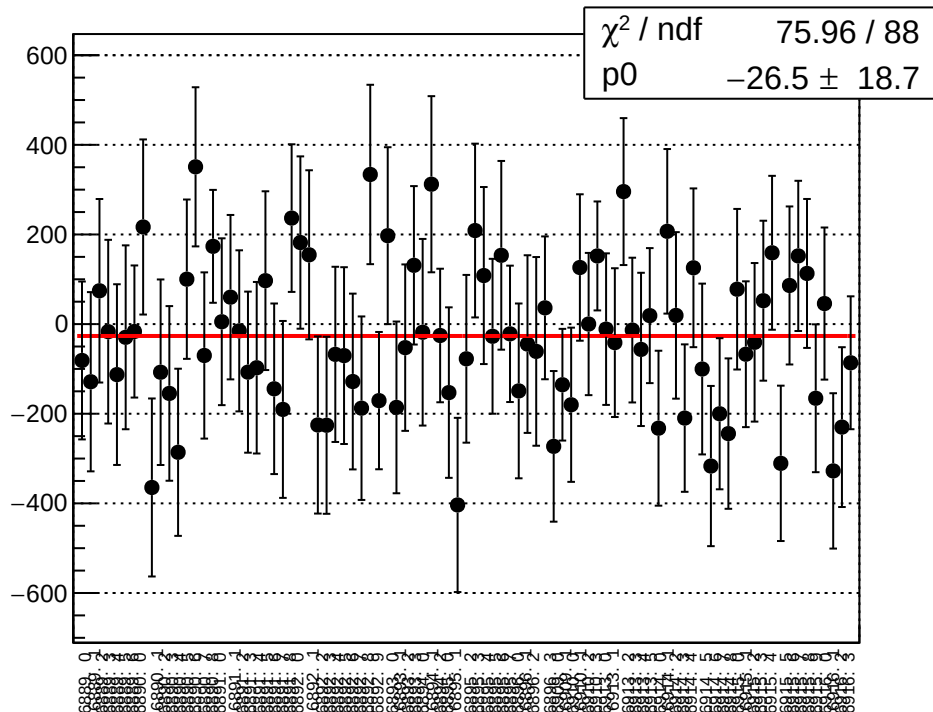
asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs run



asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs run



asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs run



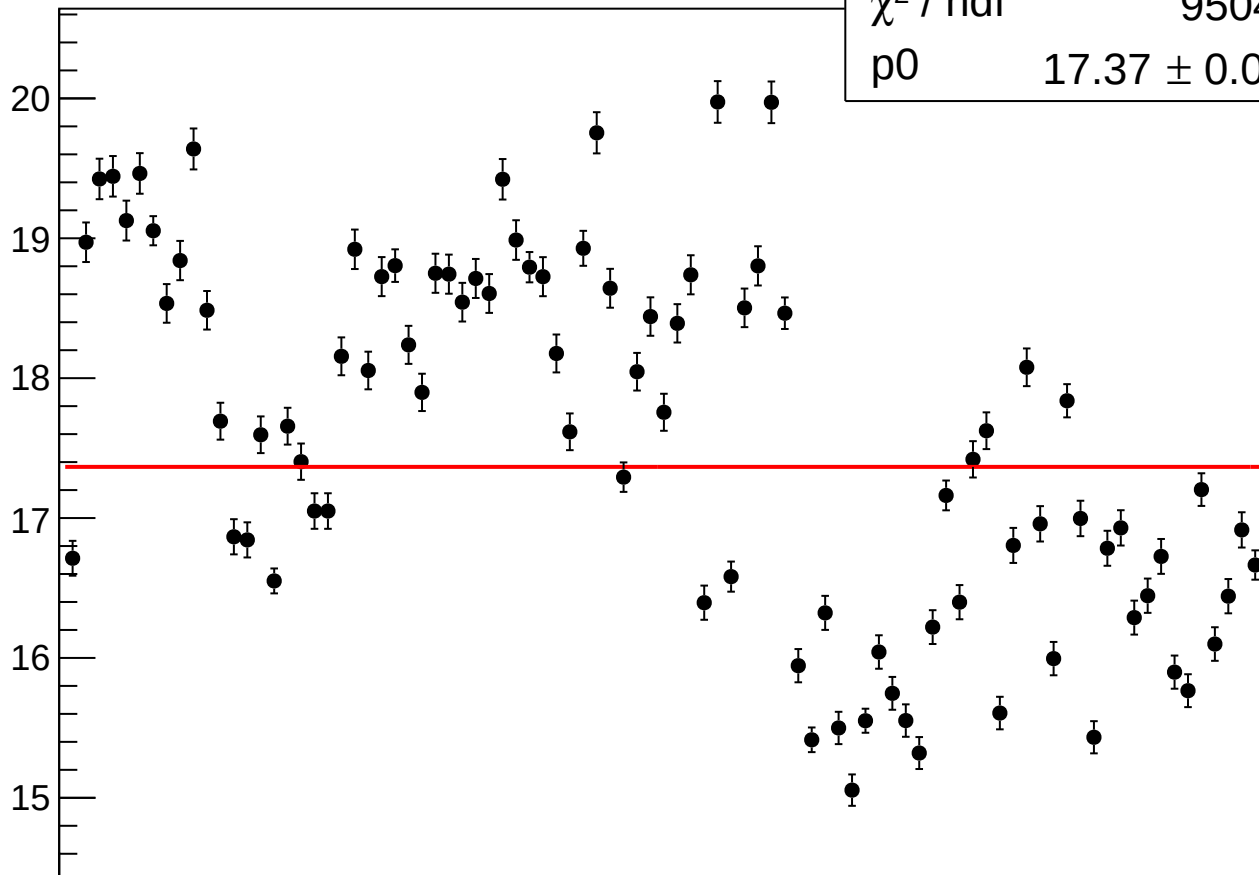
asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs run

χ^2 / ndf

9504 / 88

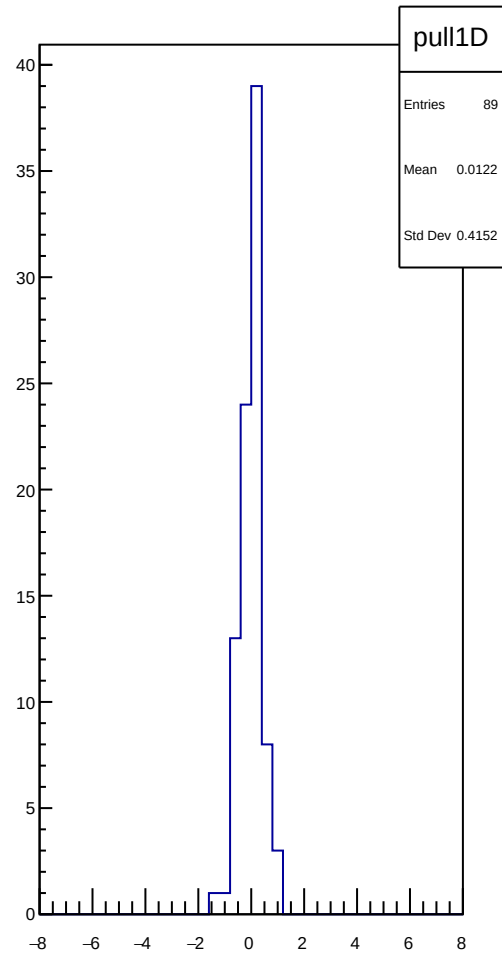
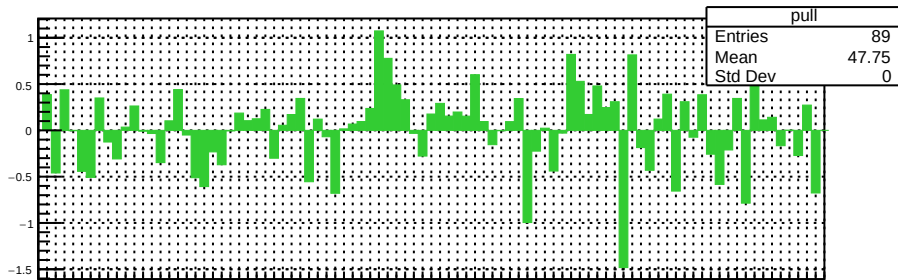
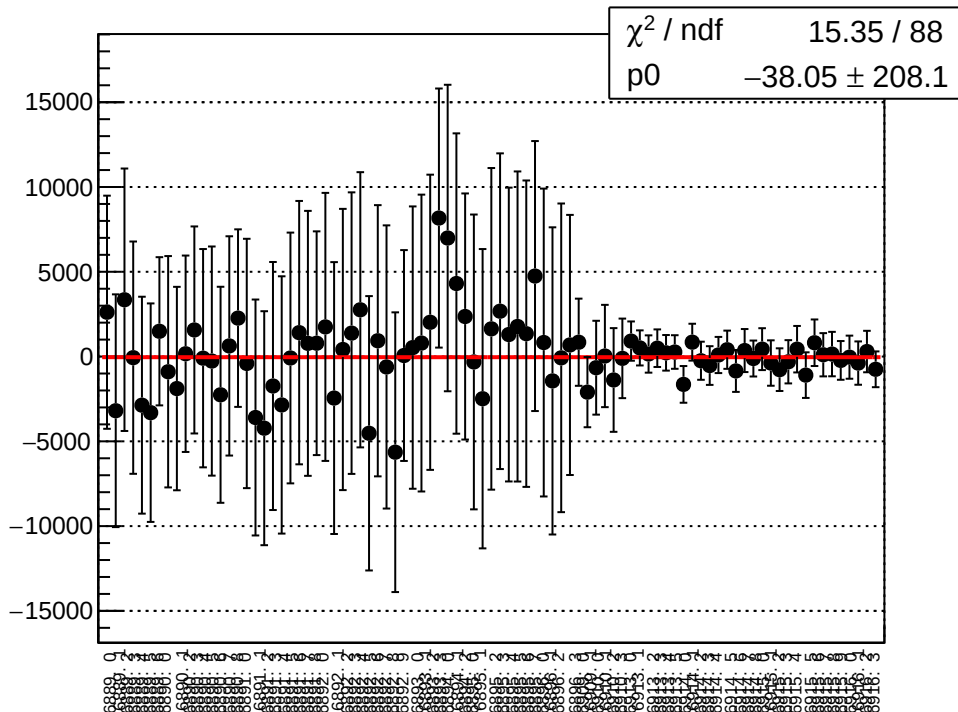
p0

17.37 ± 0.01323

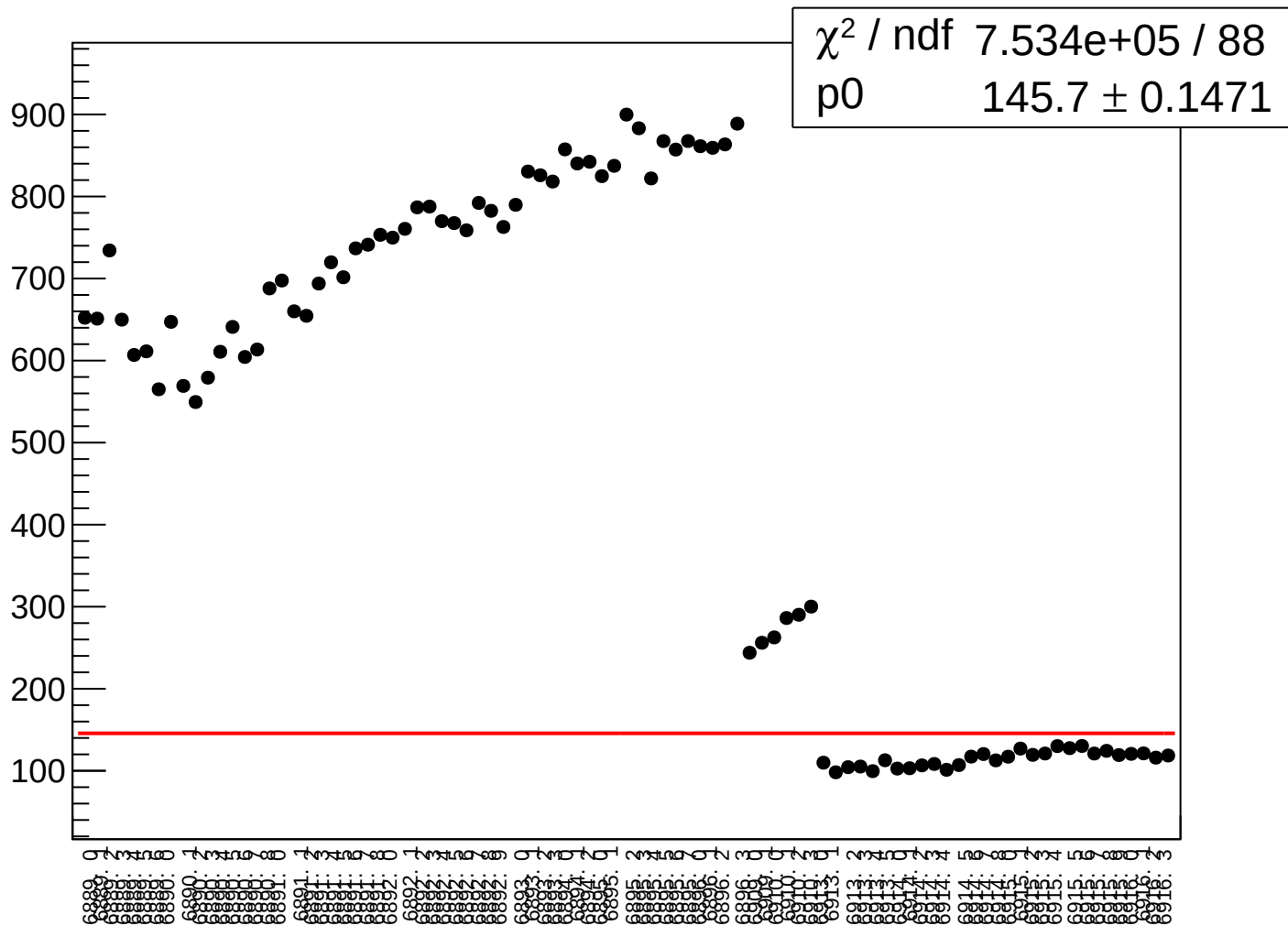


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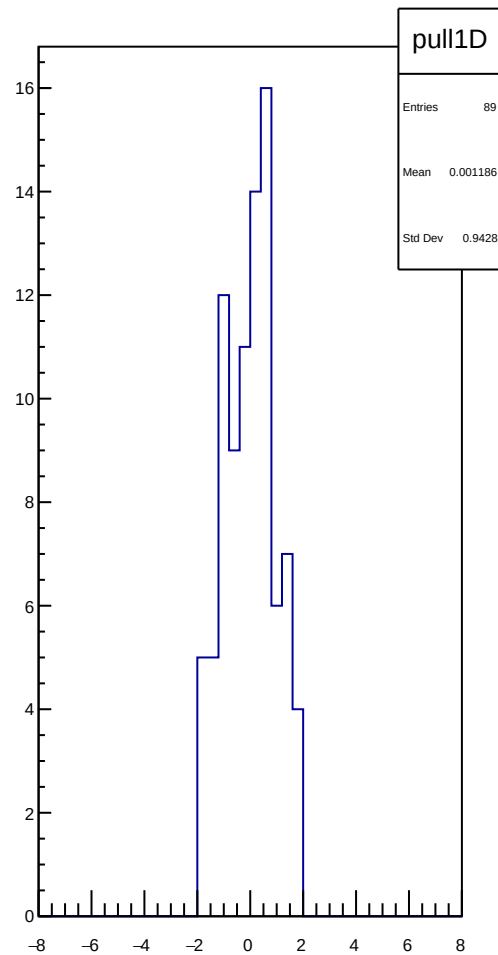
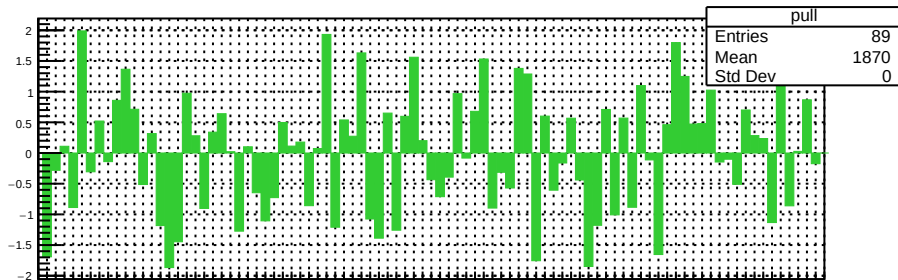
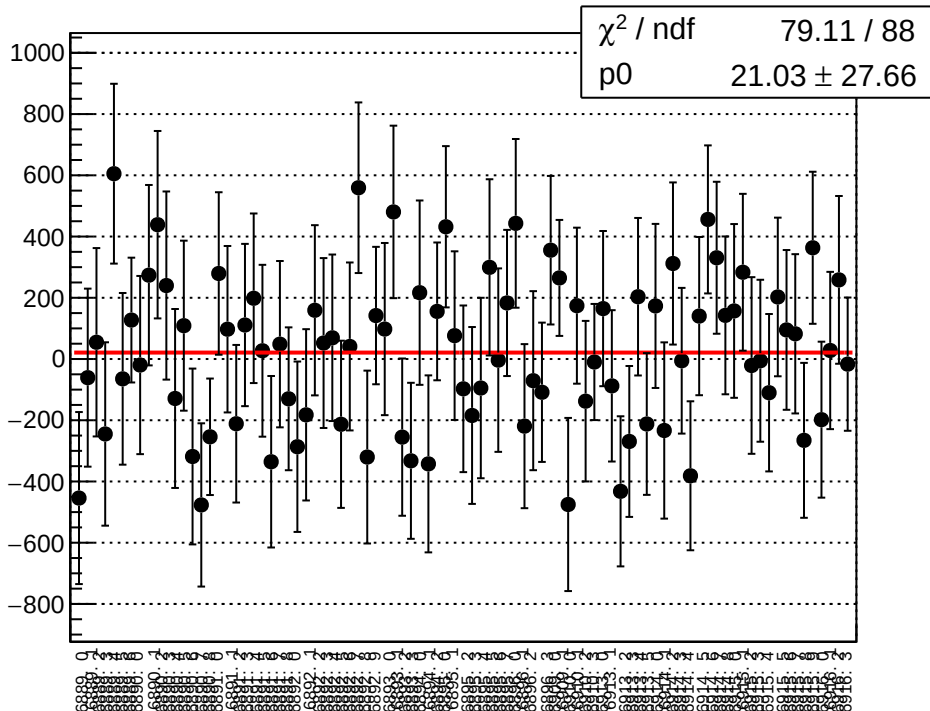
asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs run



asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs run



asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs run



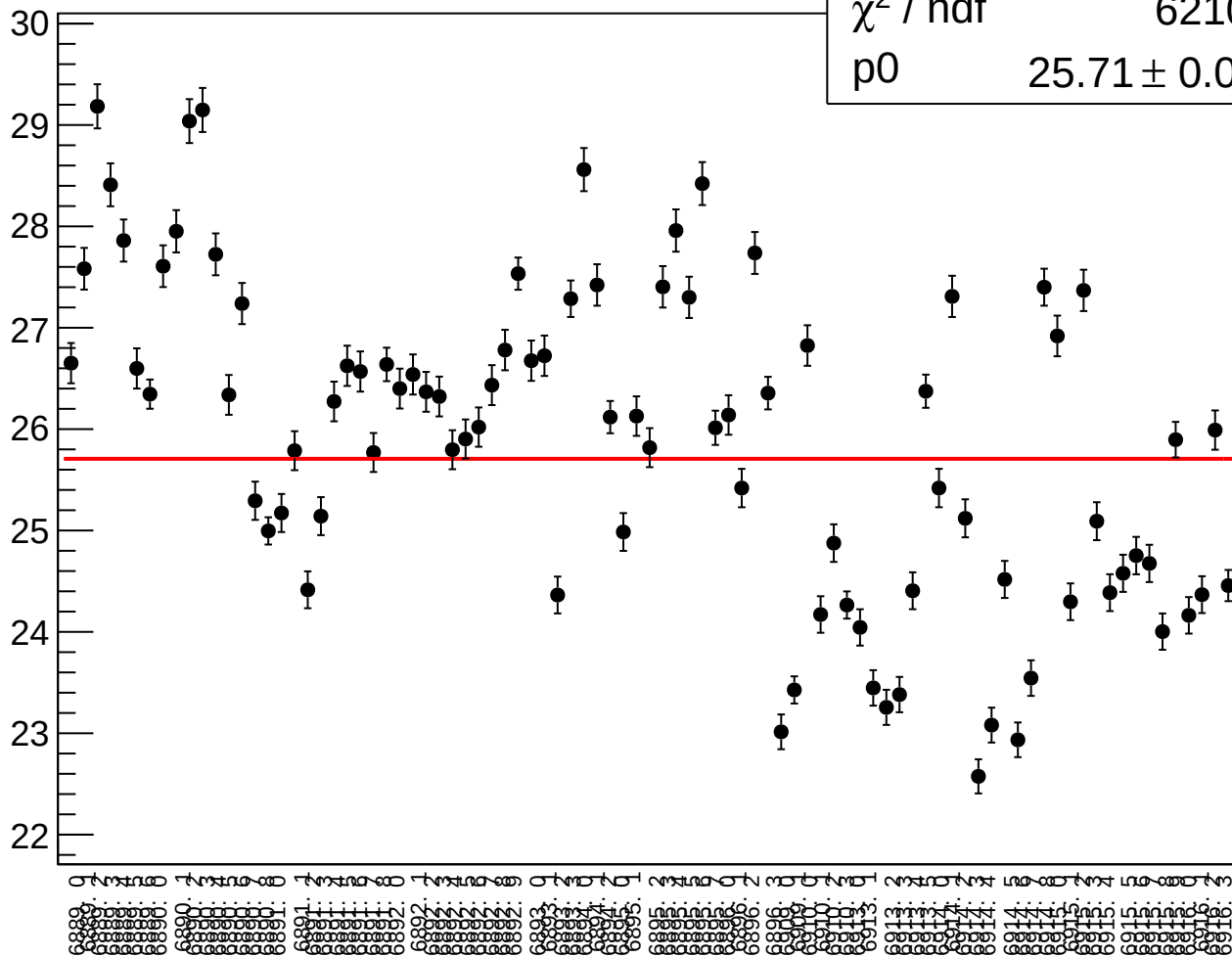
asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs run

χ^2 / ndf

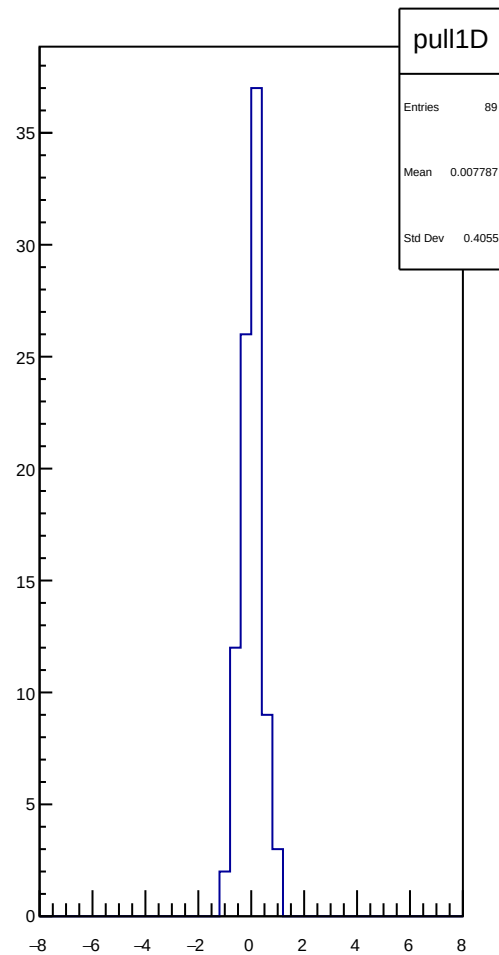
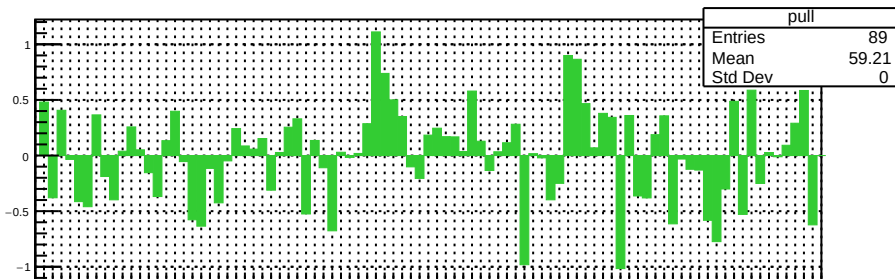
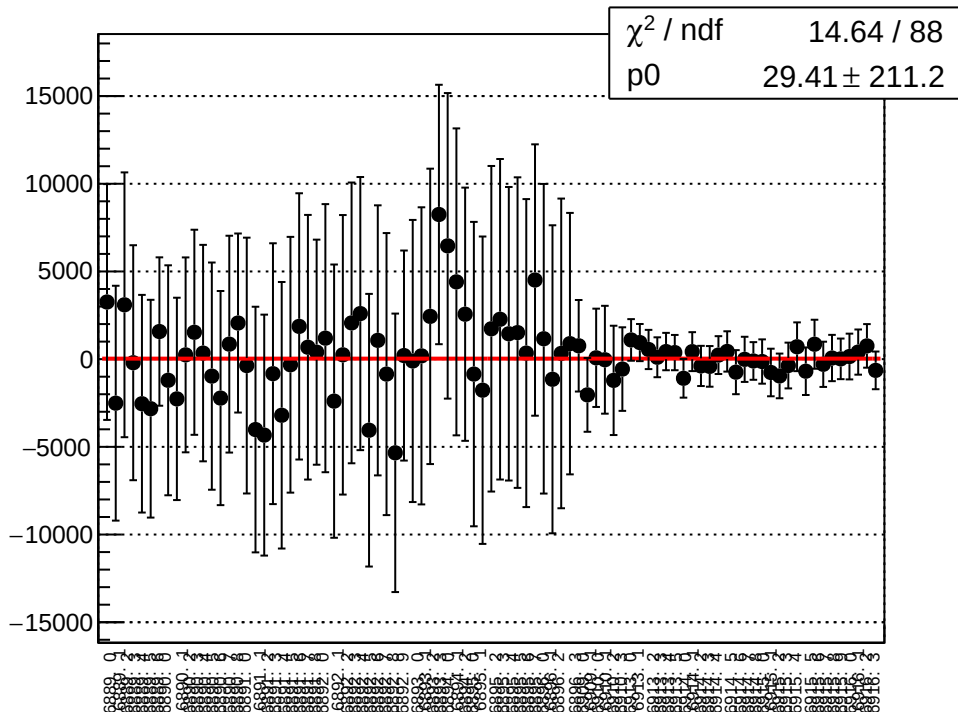
6210 / 88

p0

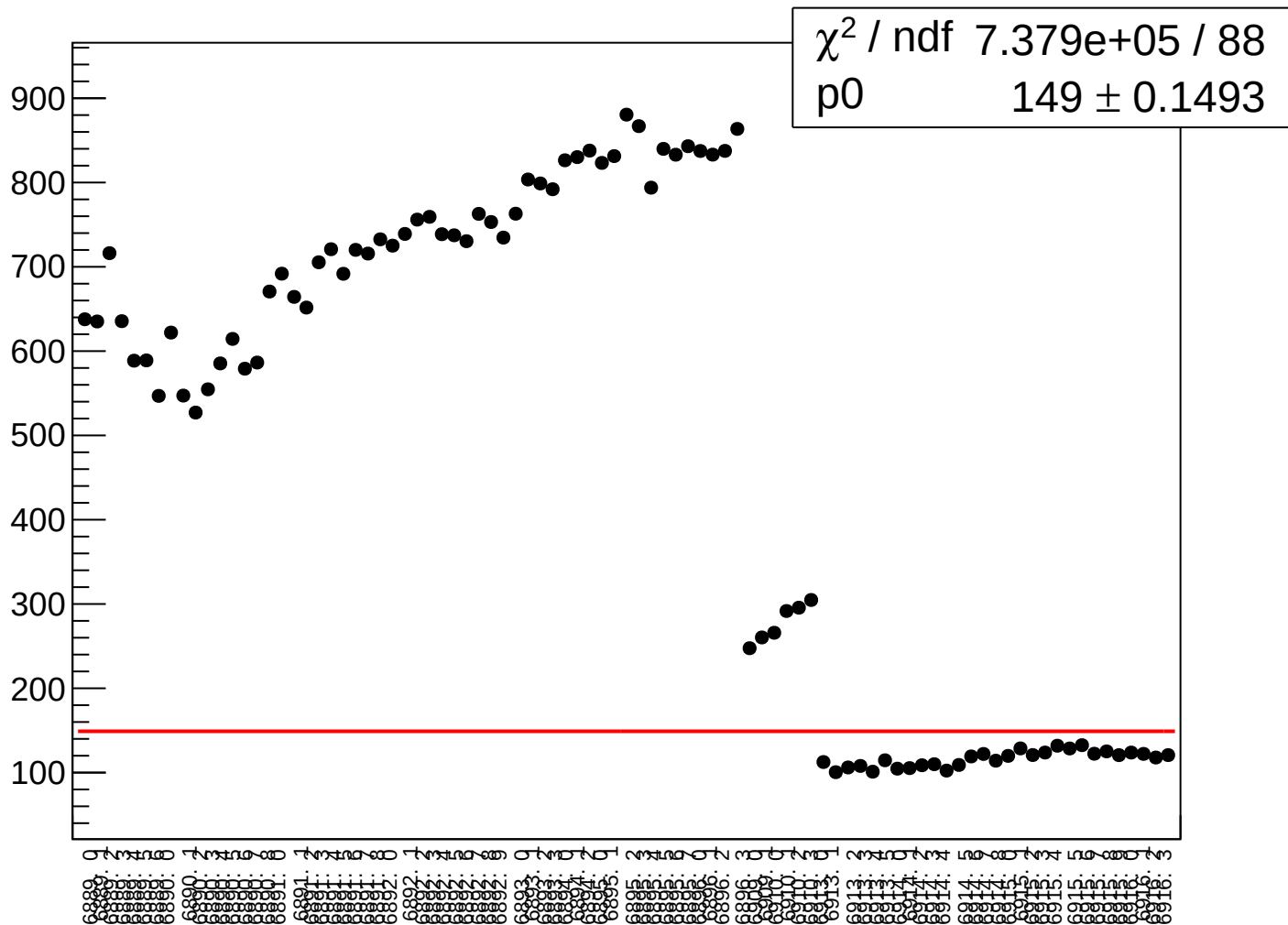
25.71 ± 0.01956



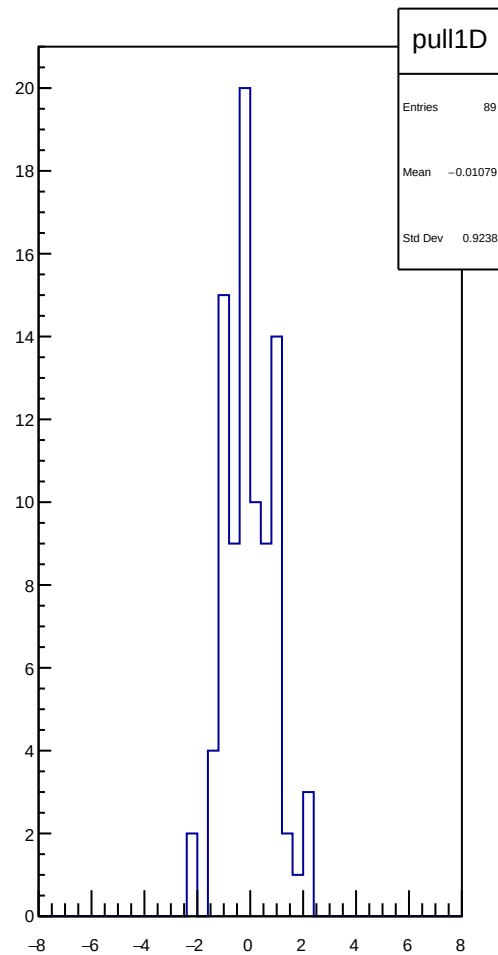
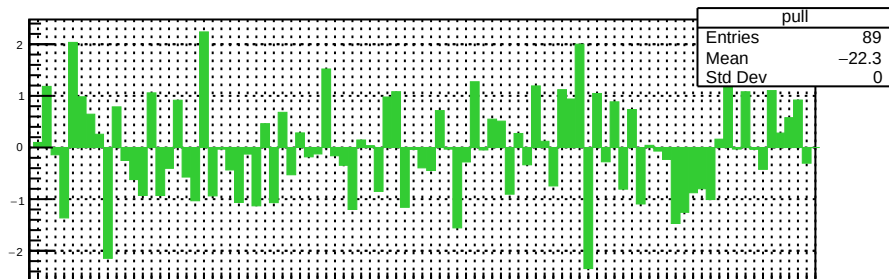
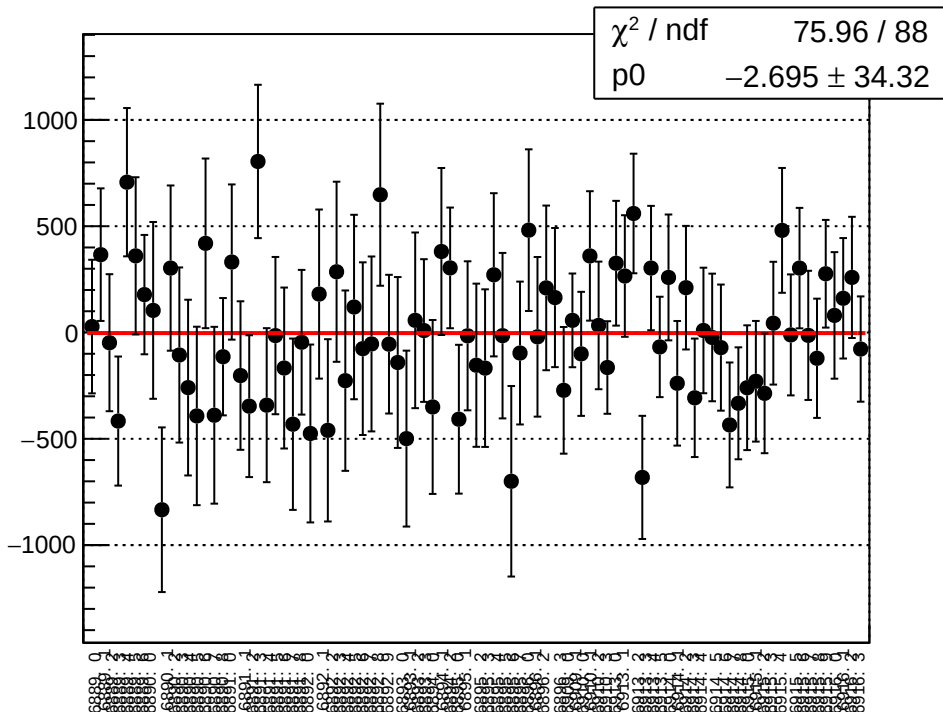
asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs run



asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs run

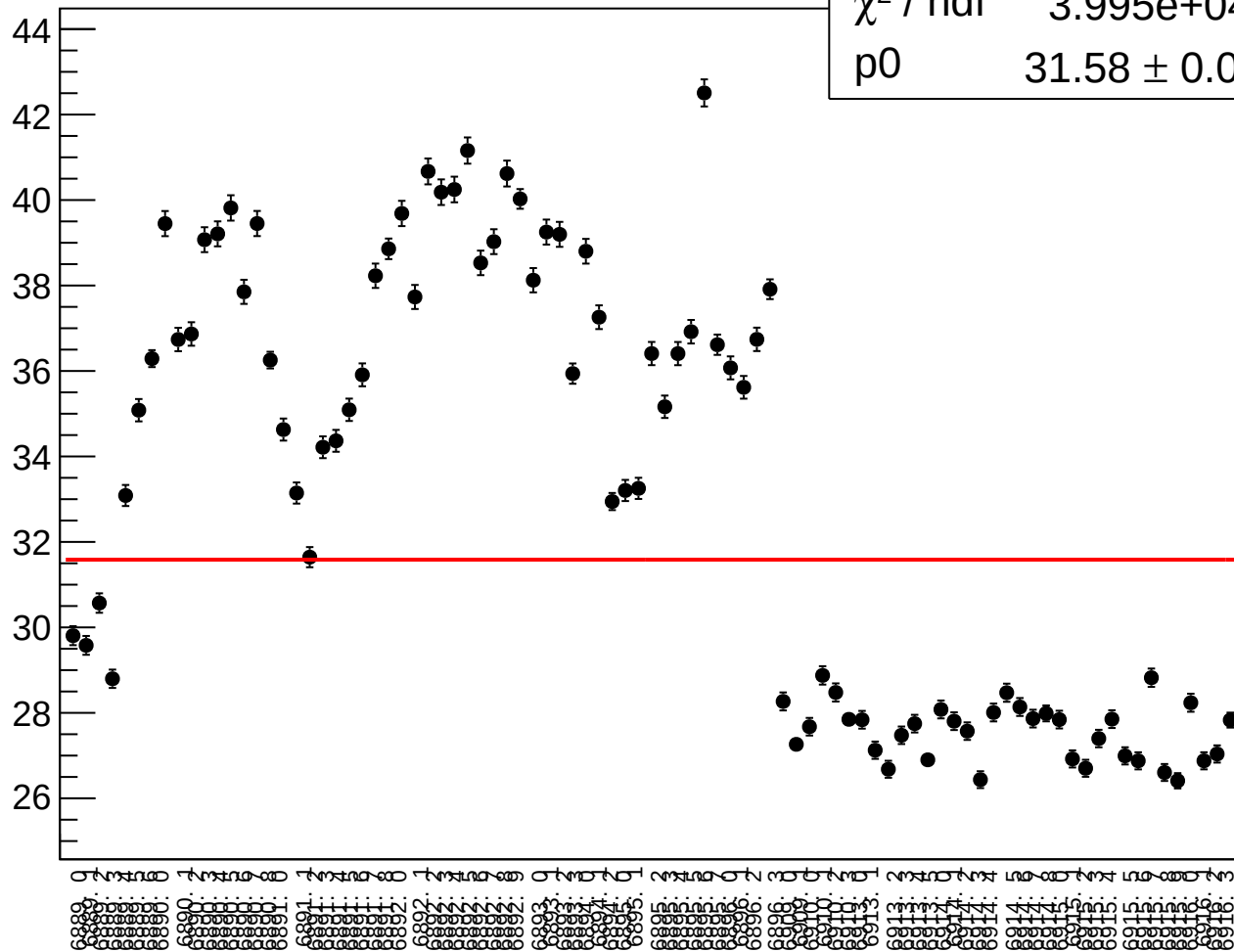


asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs run

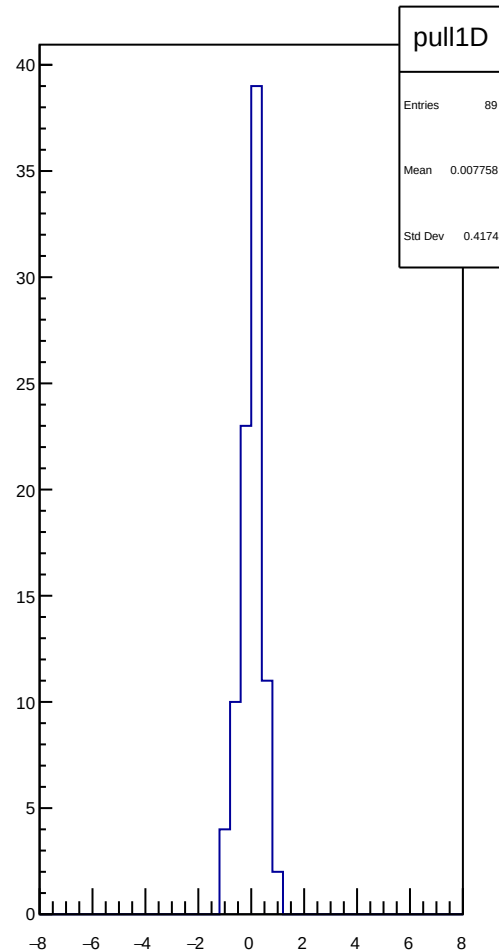
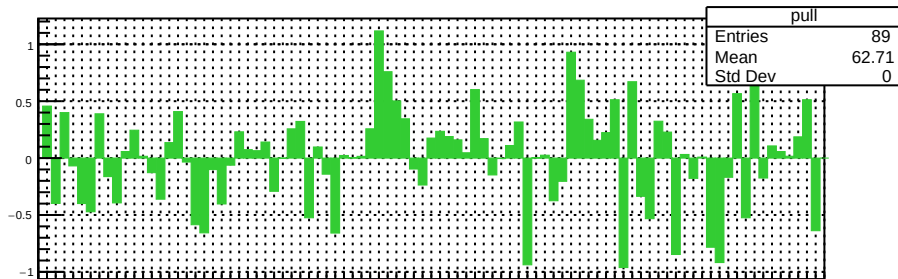
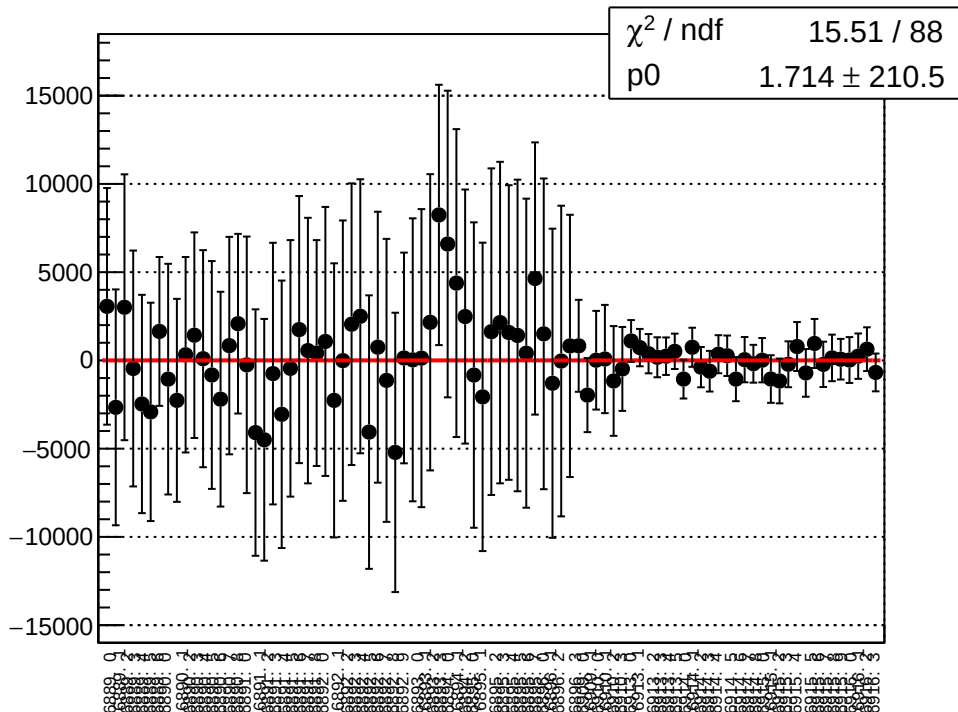


asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs run

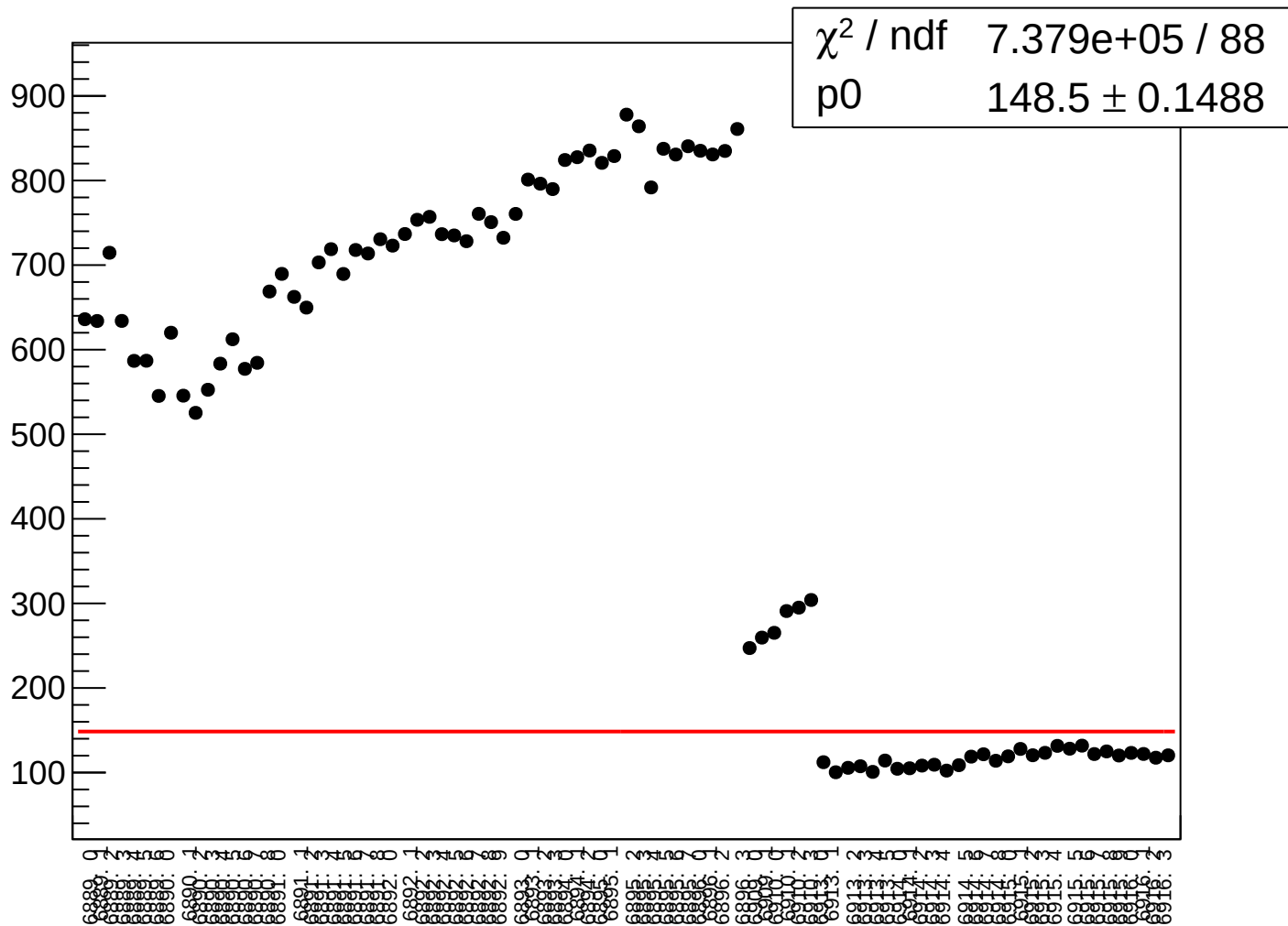
χ^2 / ndf 3.995e+04 / 88
p0 31.58 $\pm$ 0.02427



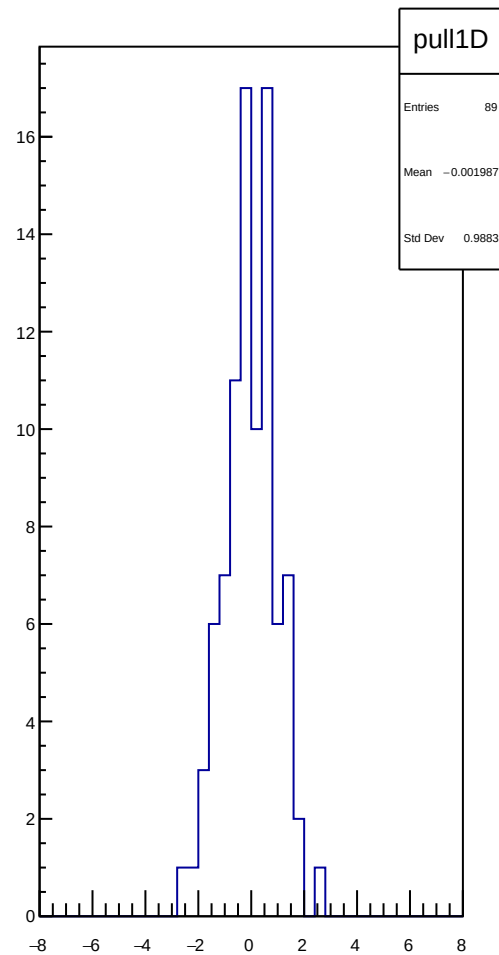
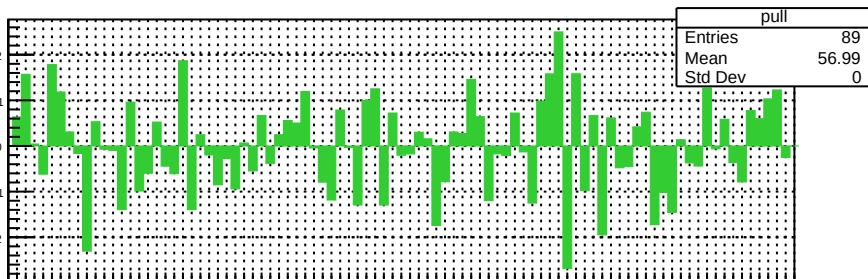
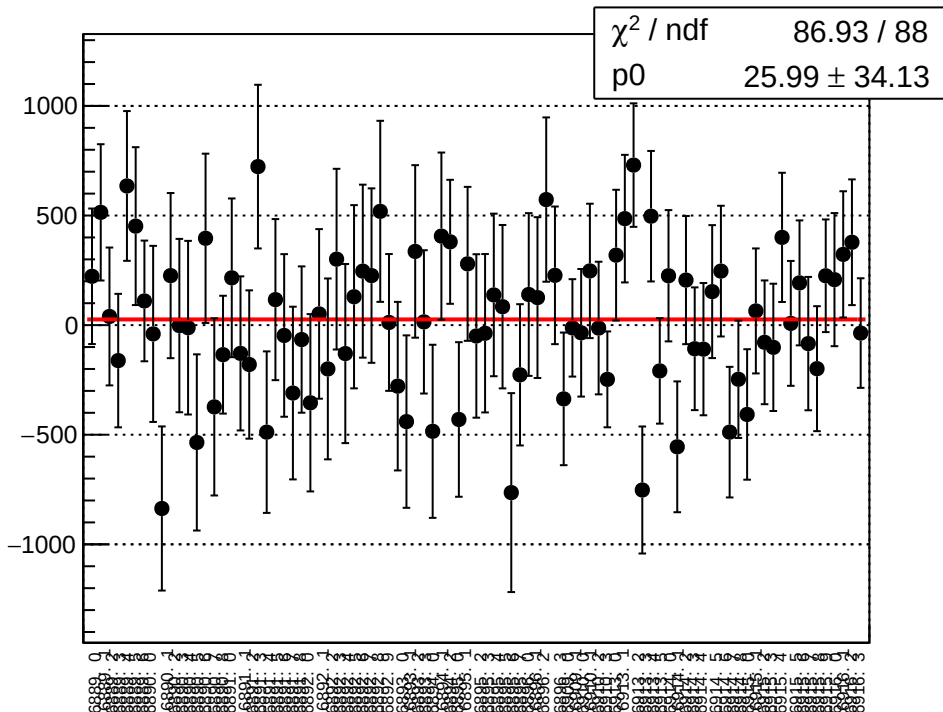
asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs run



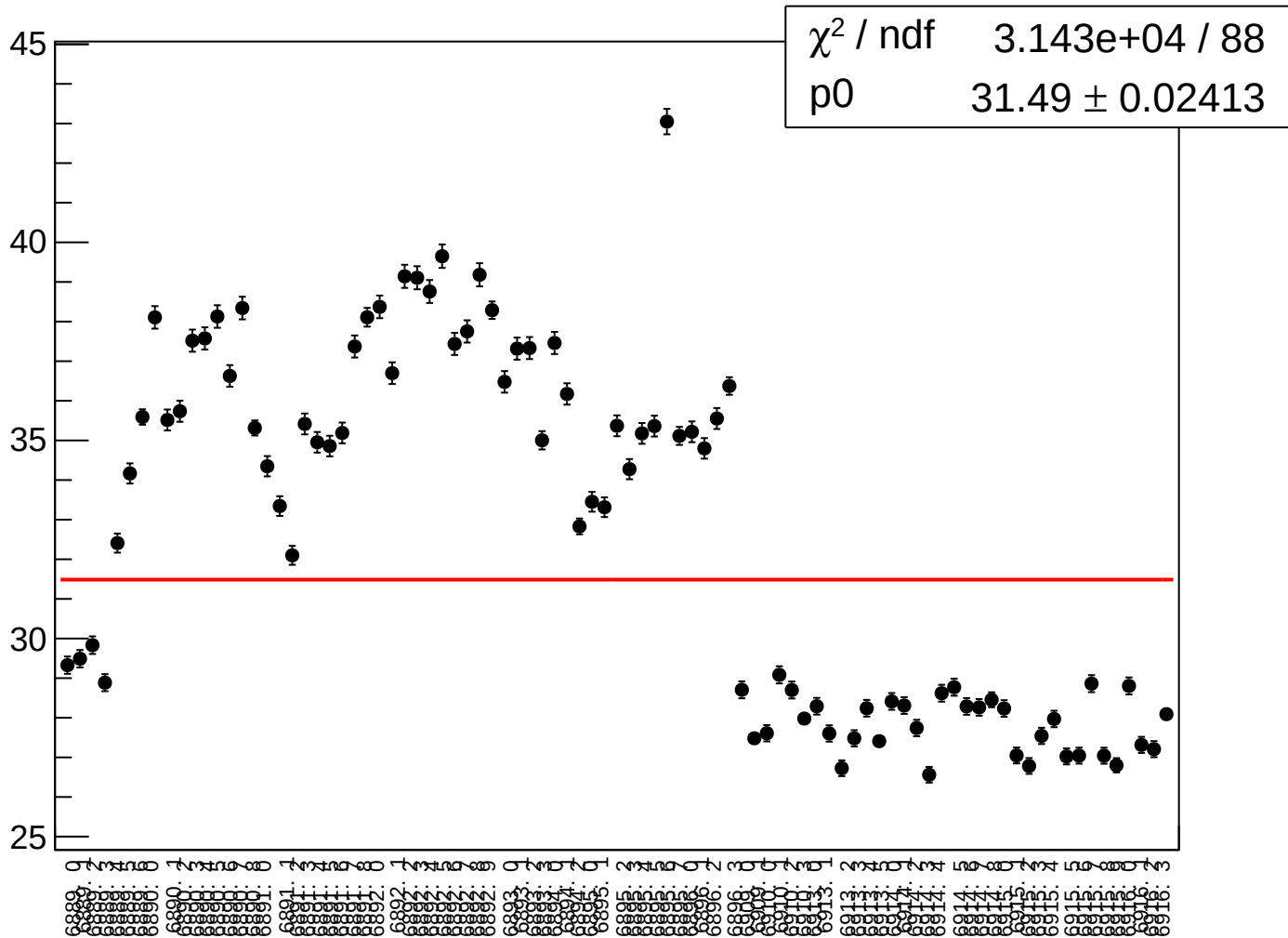
asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs run



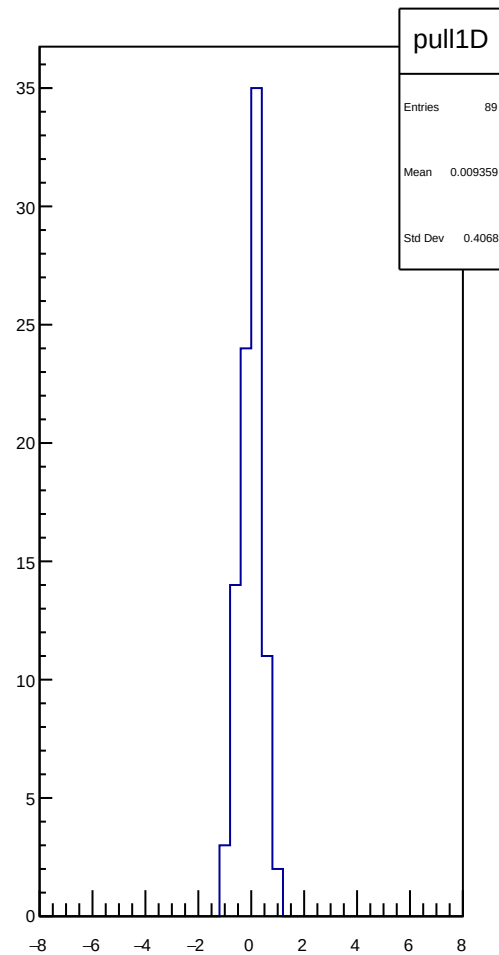
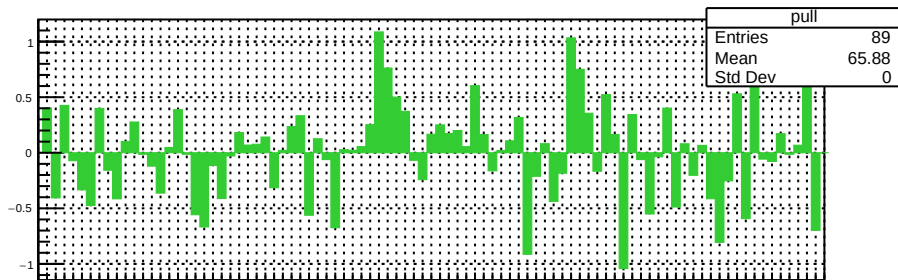
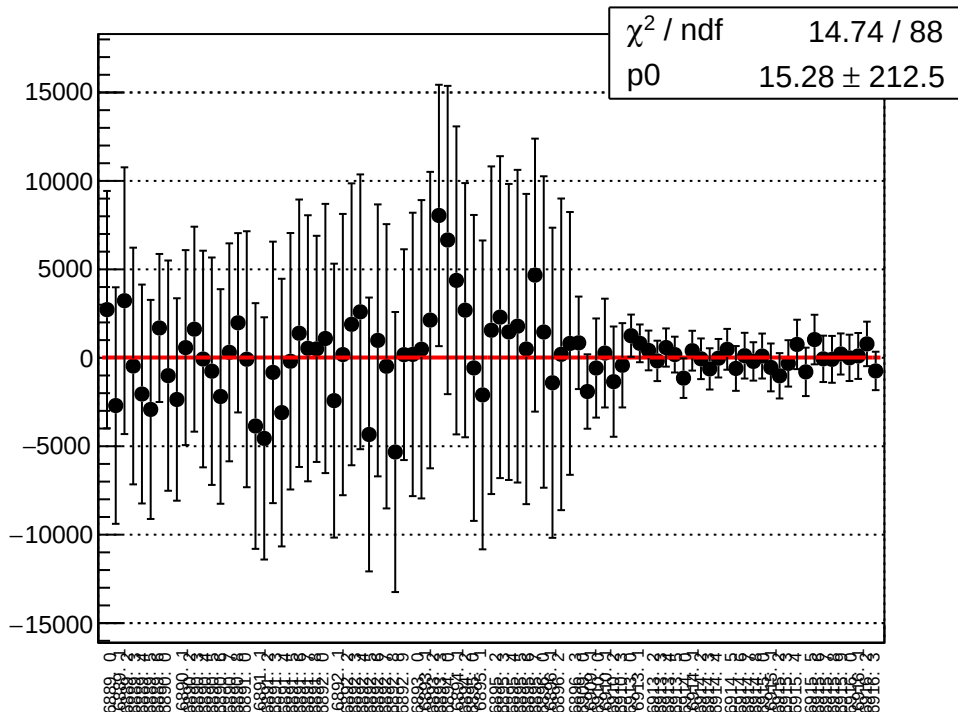
asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs run



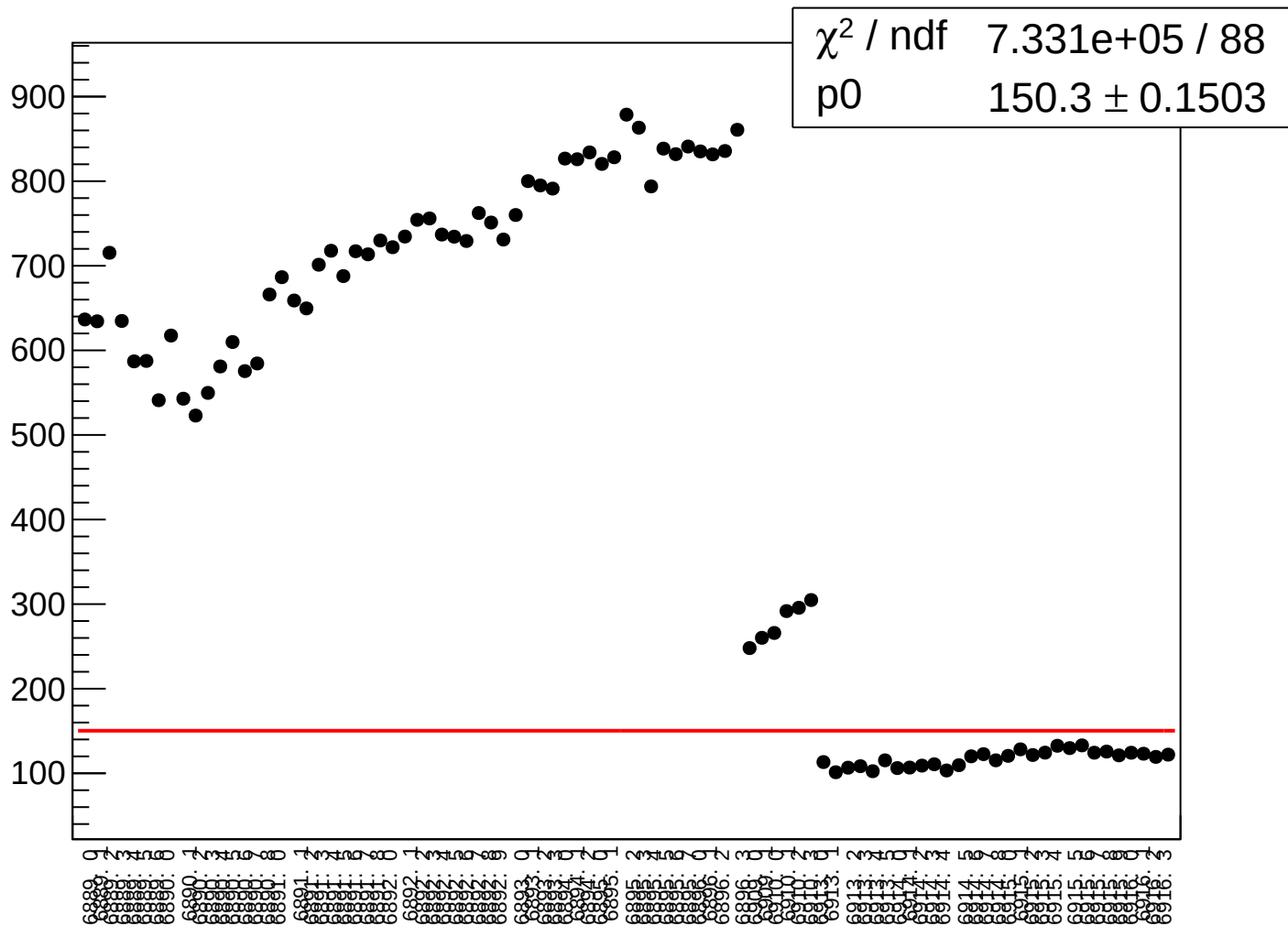
asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs run



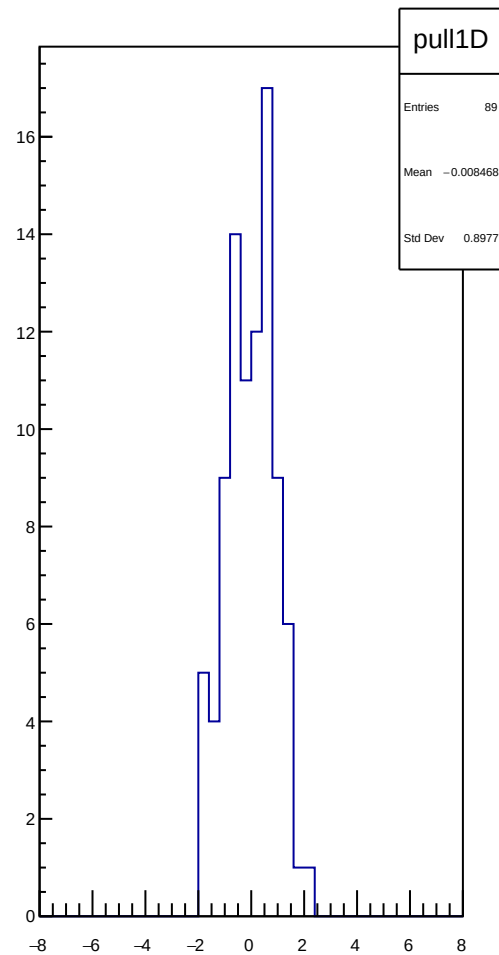
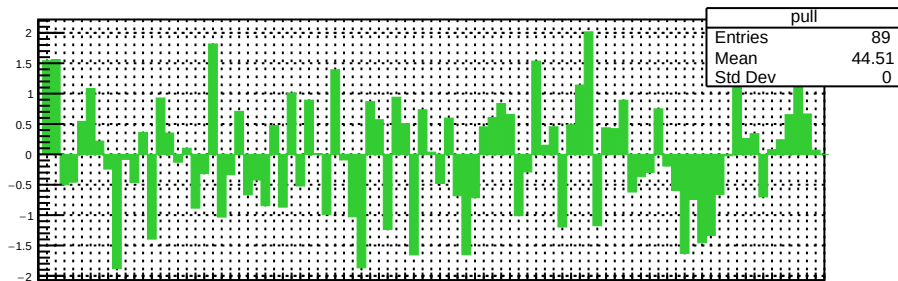
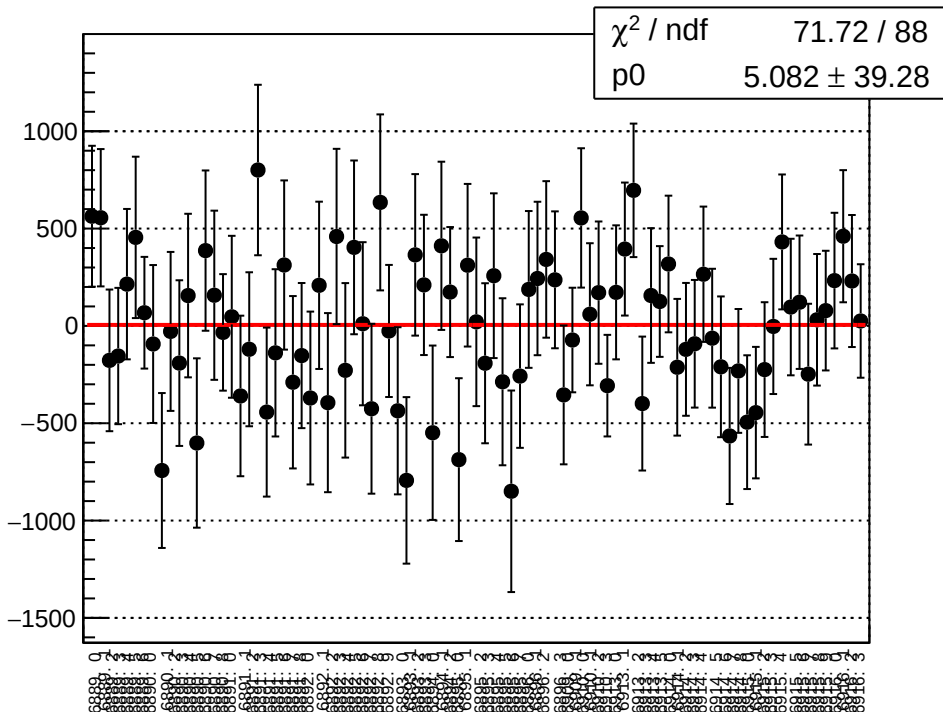
asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs run



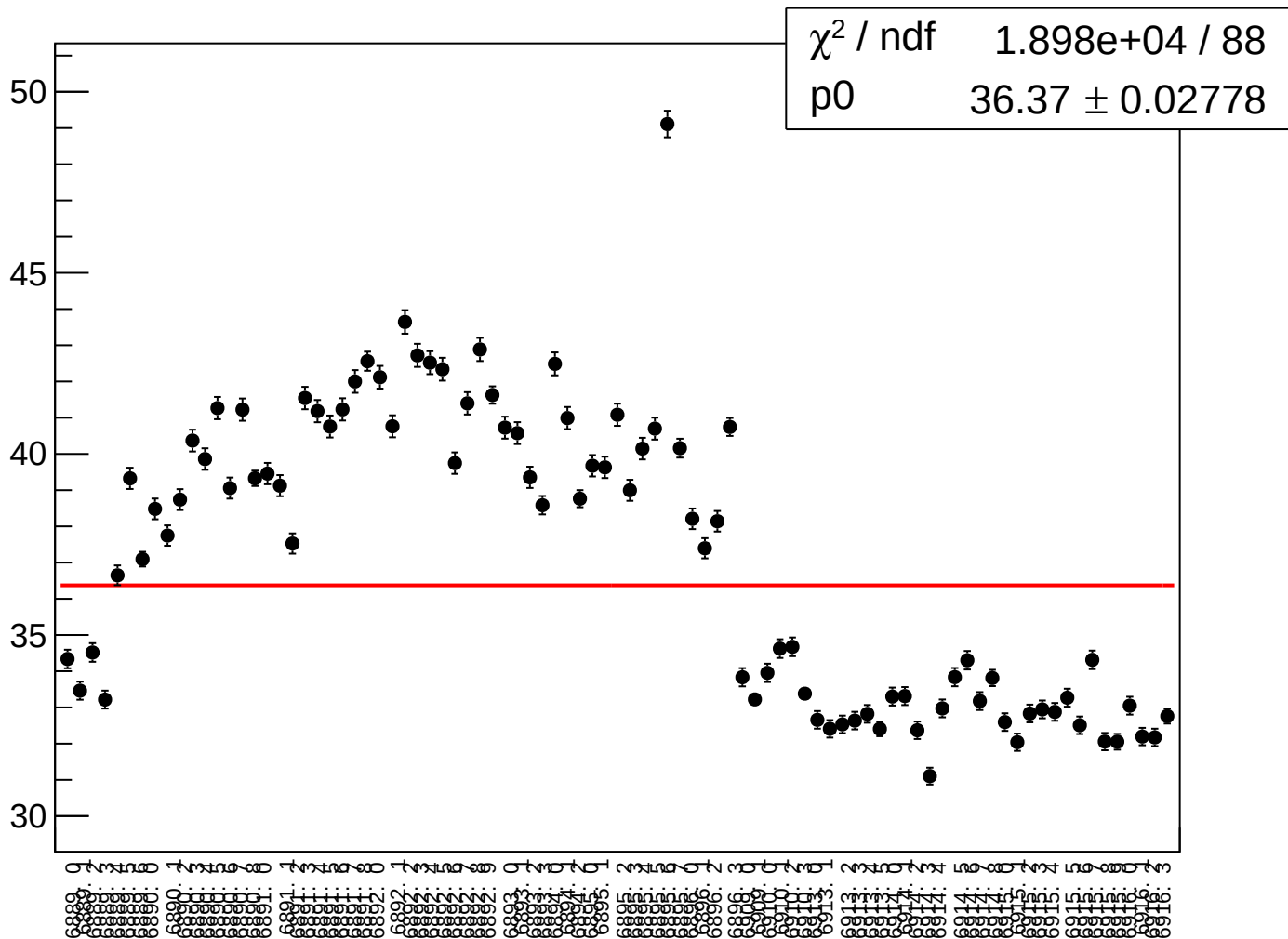
asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs run



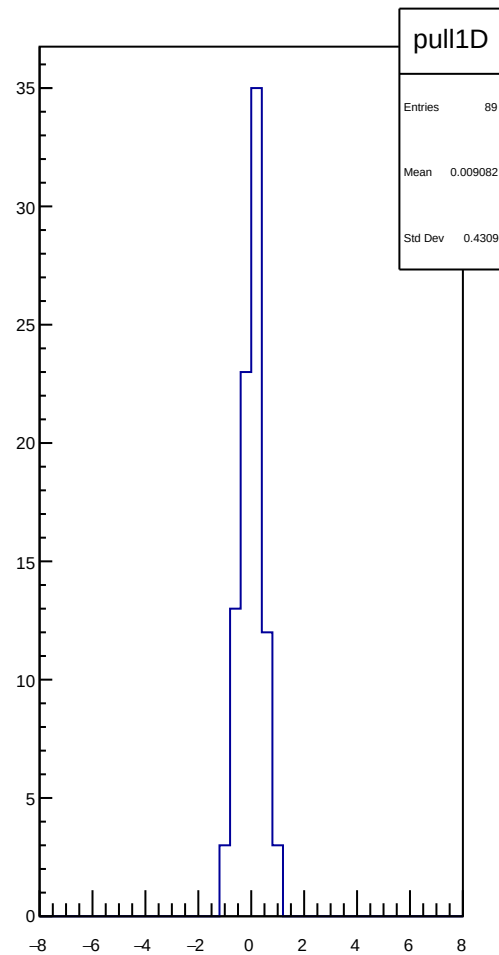
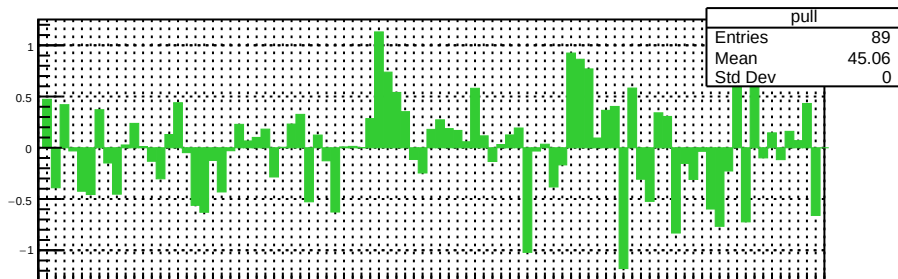
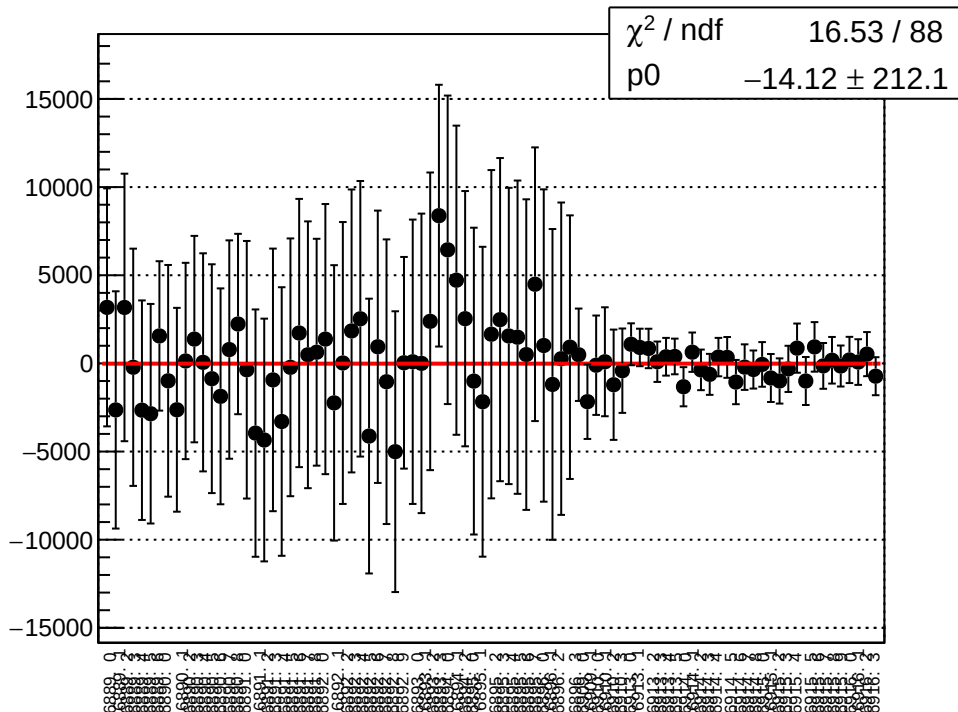
asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs run



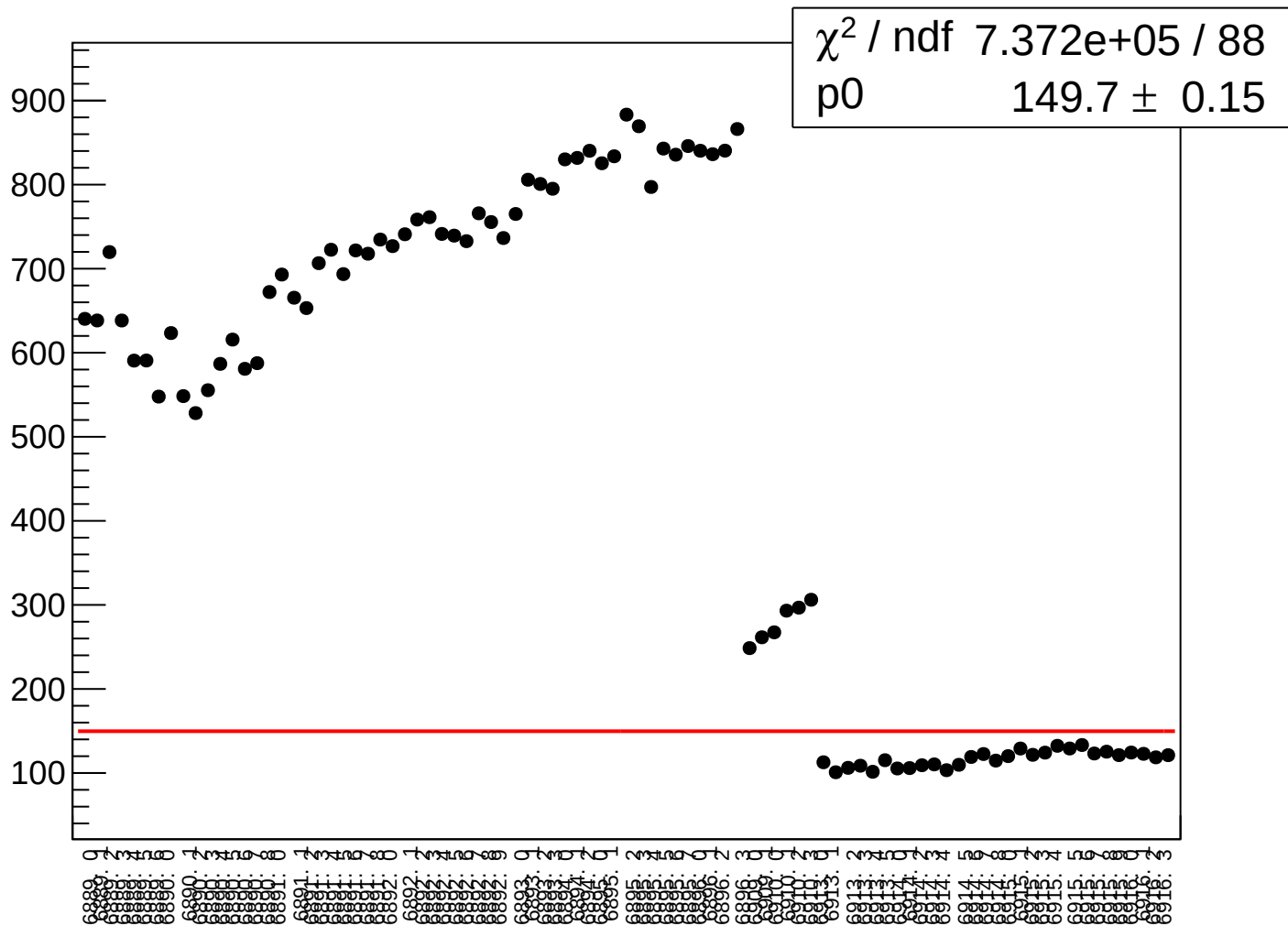
asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs run



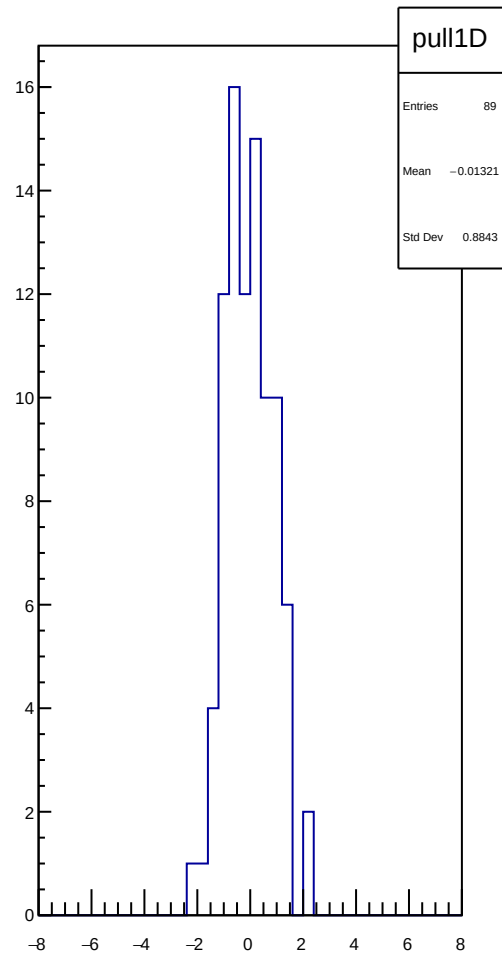
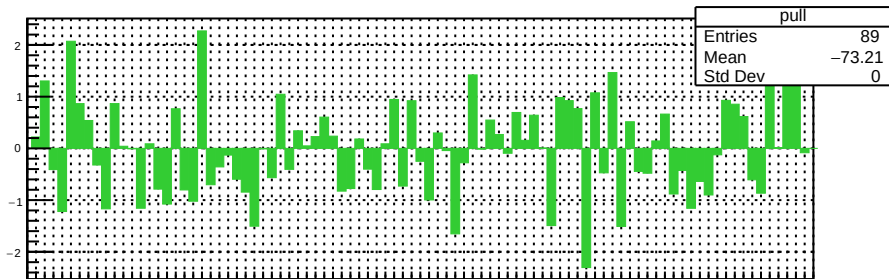
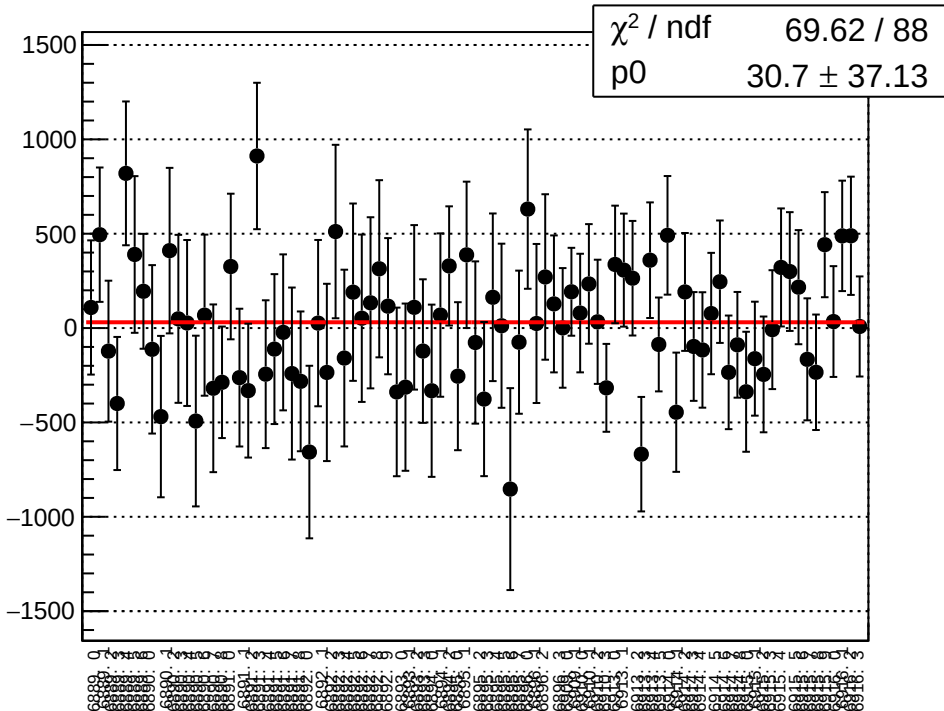
asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs run



asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs run

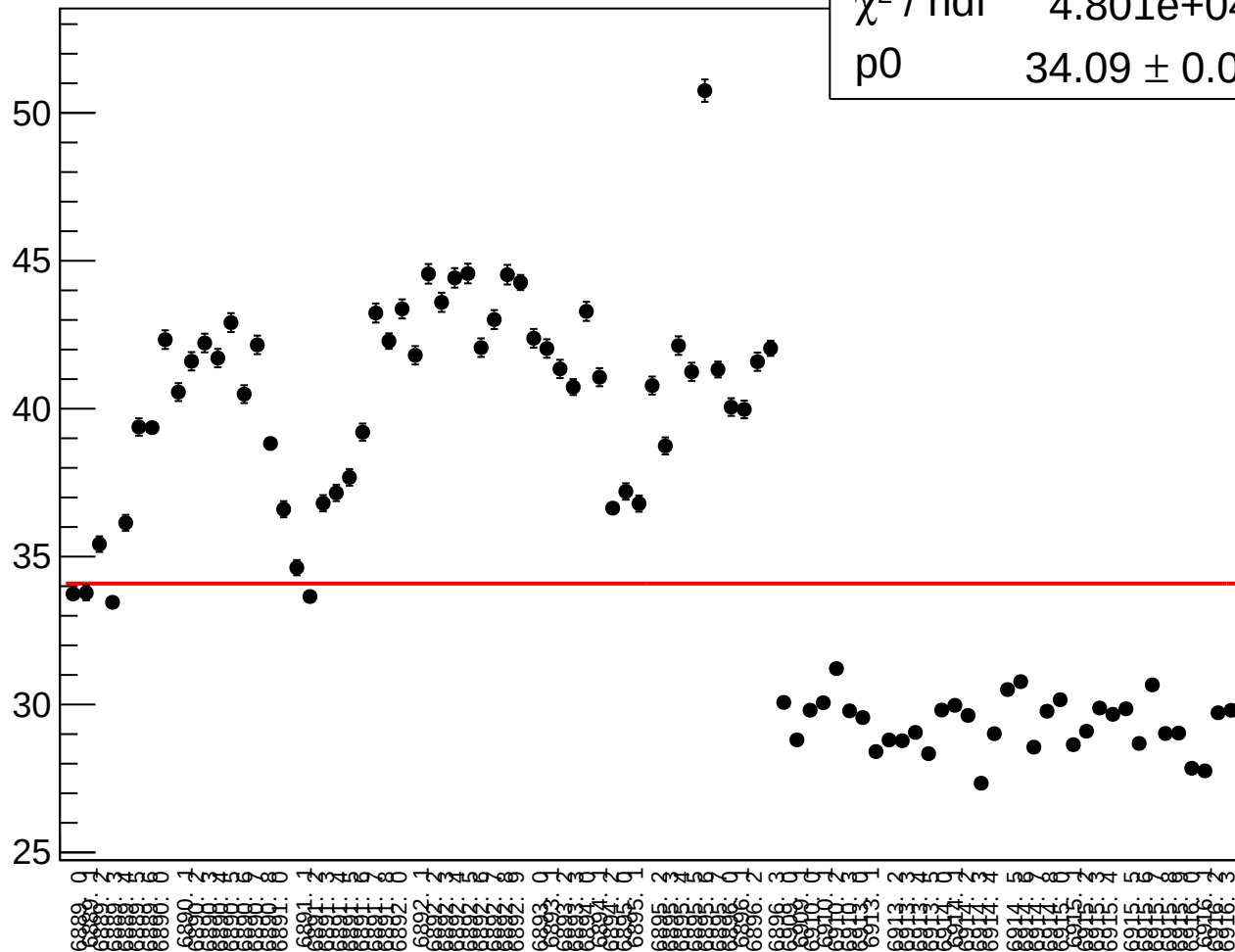


asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs run

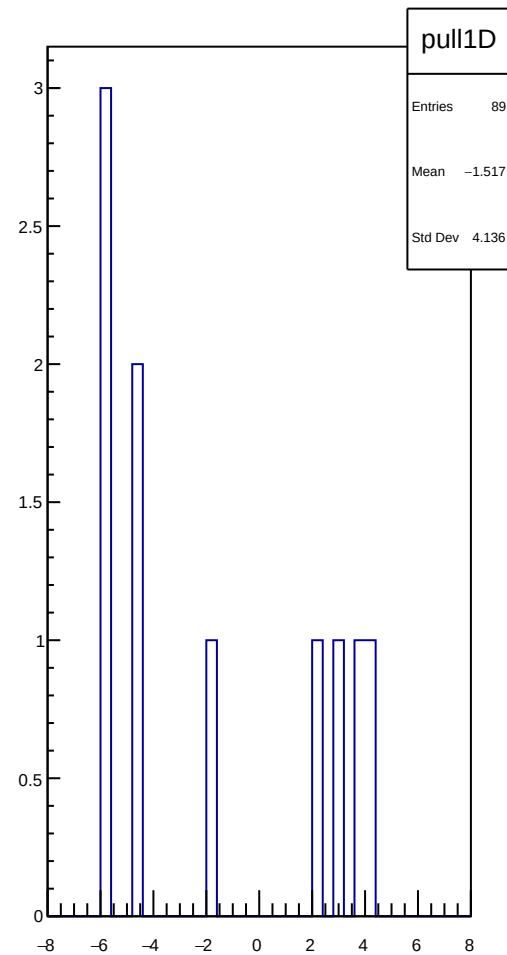
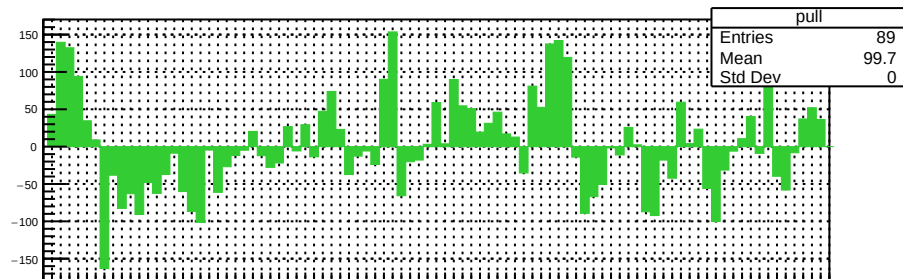
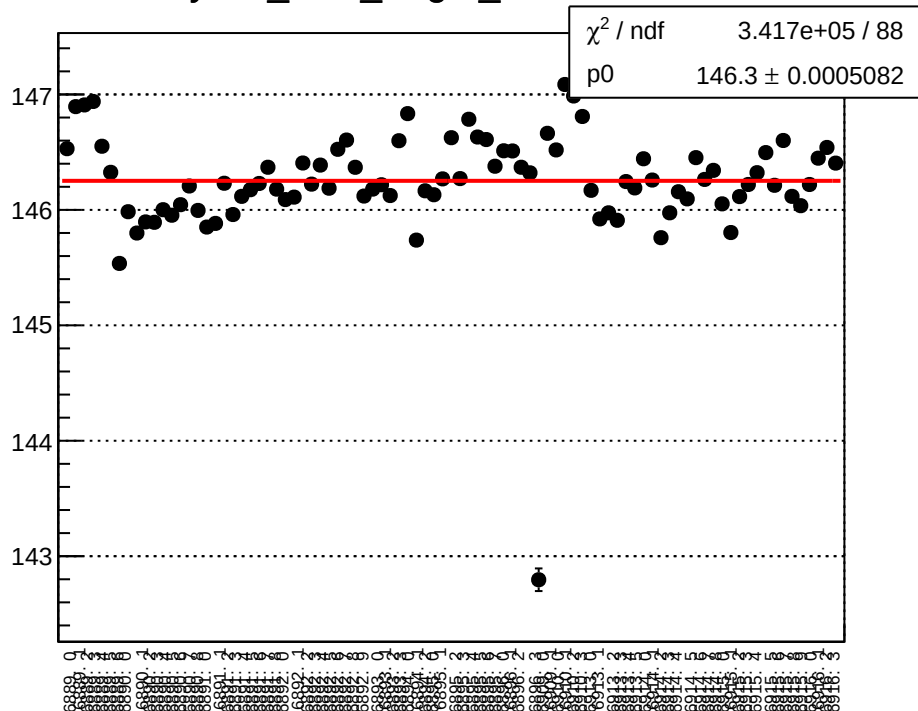


asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs run

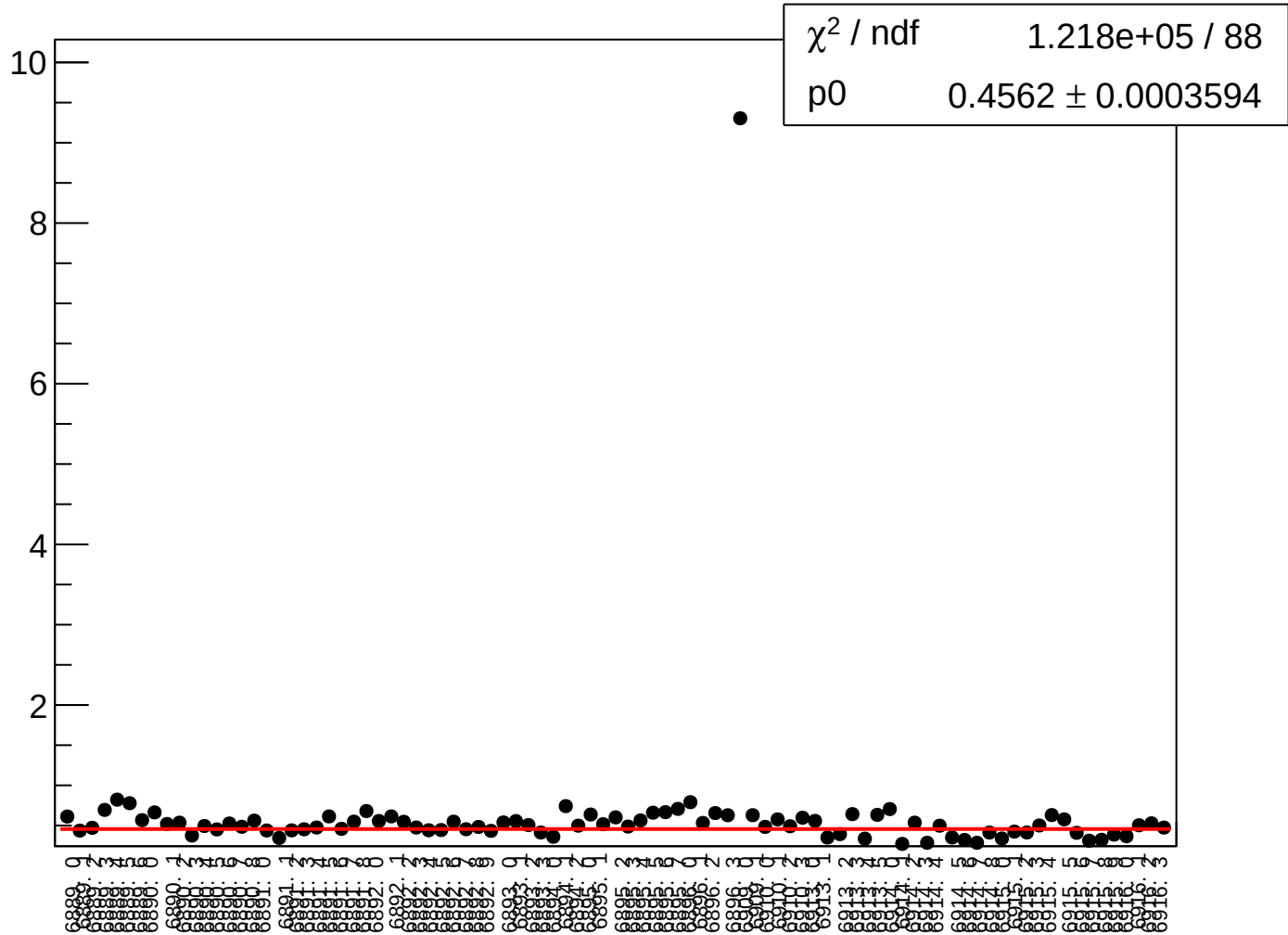
χ^2 / ndf 4.801e+04 / 88
p0 34.09 $\pm$ 0.02626



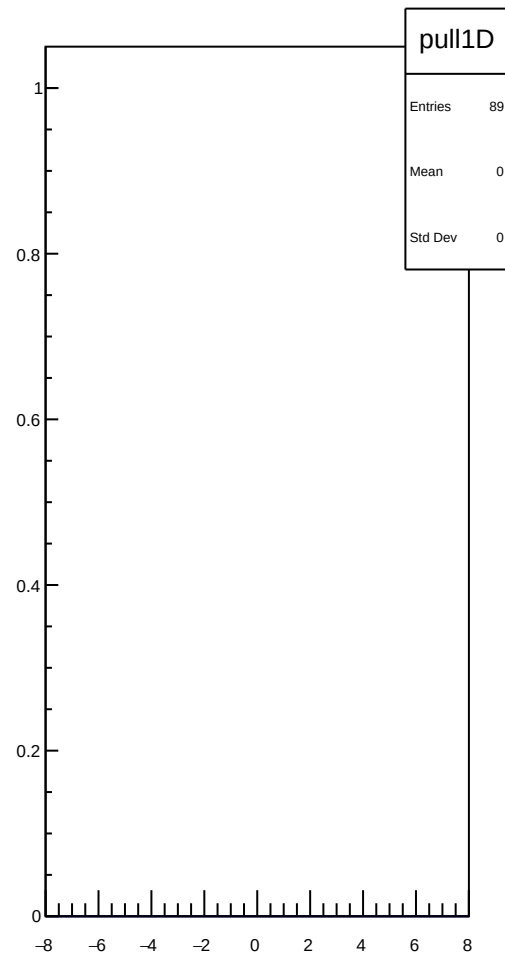
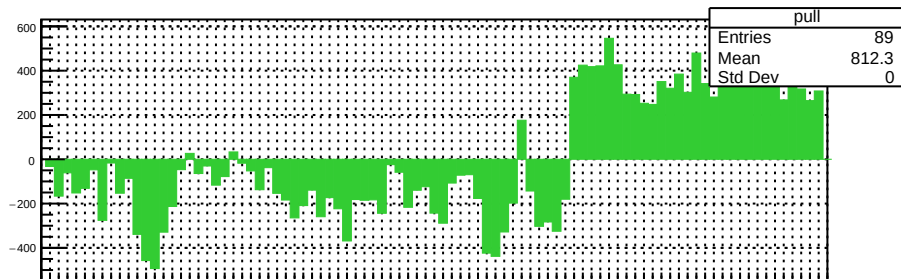
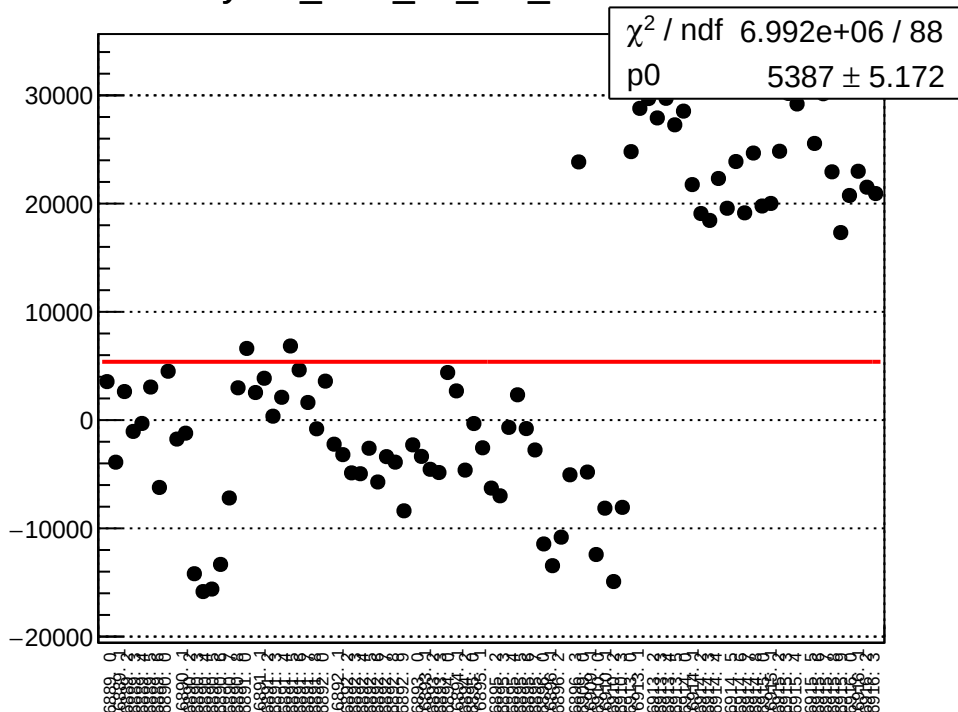
yield_bcm_target_mean vs run



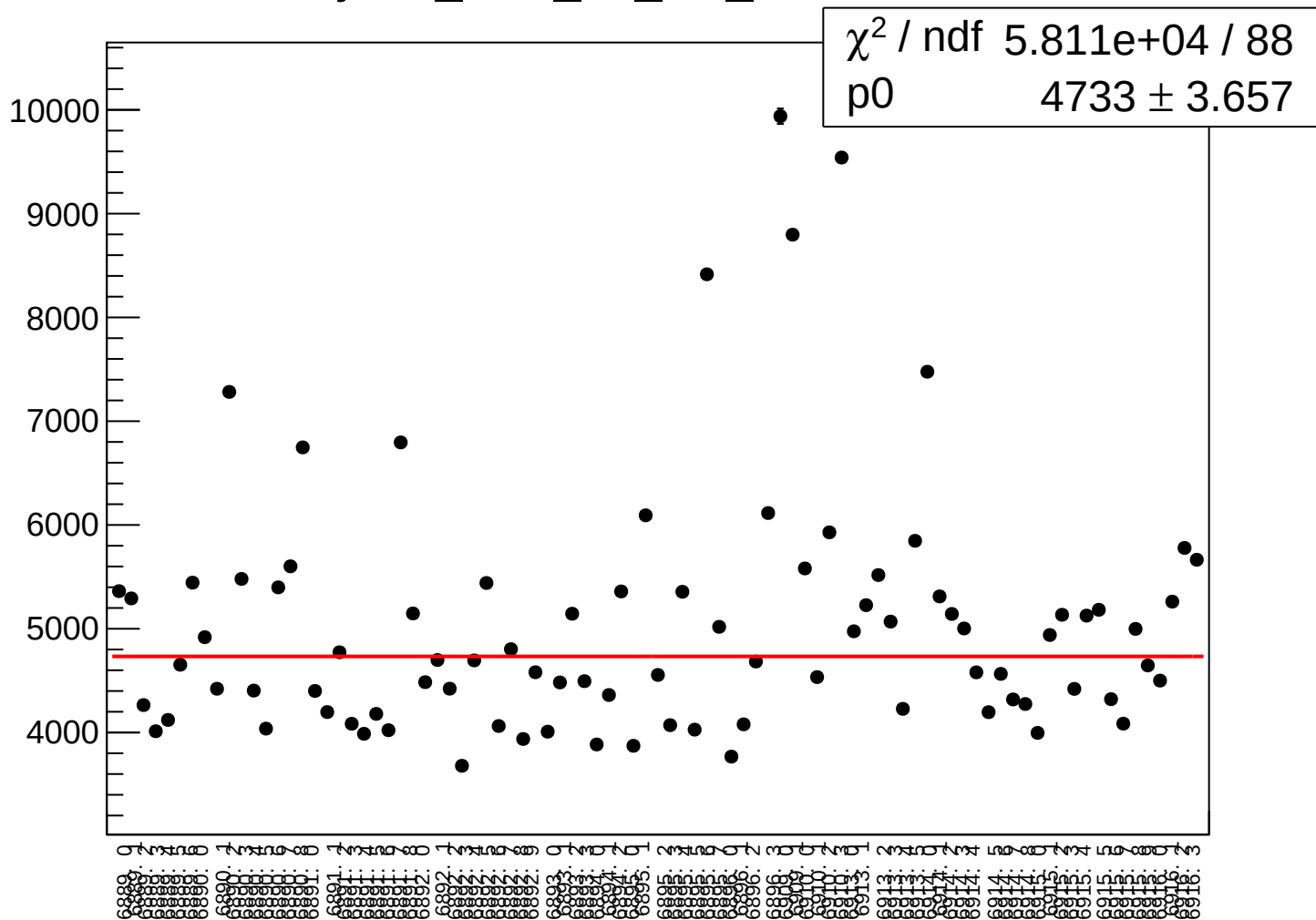
yield_bcm_target_rms vs run



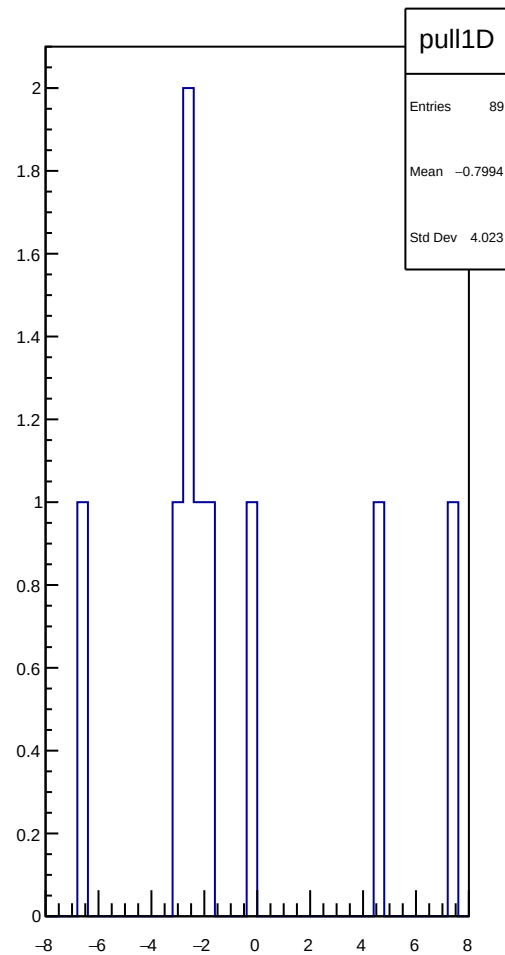
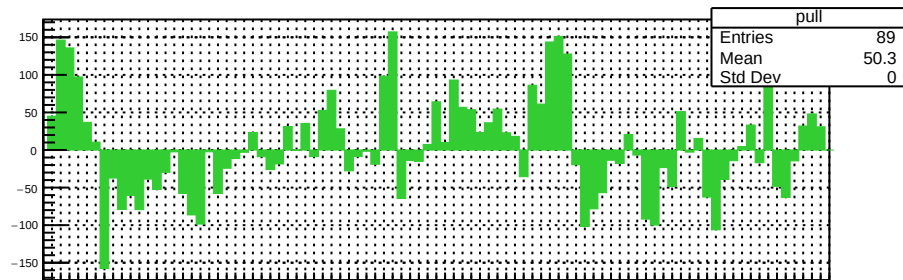
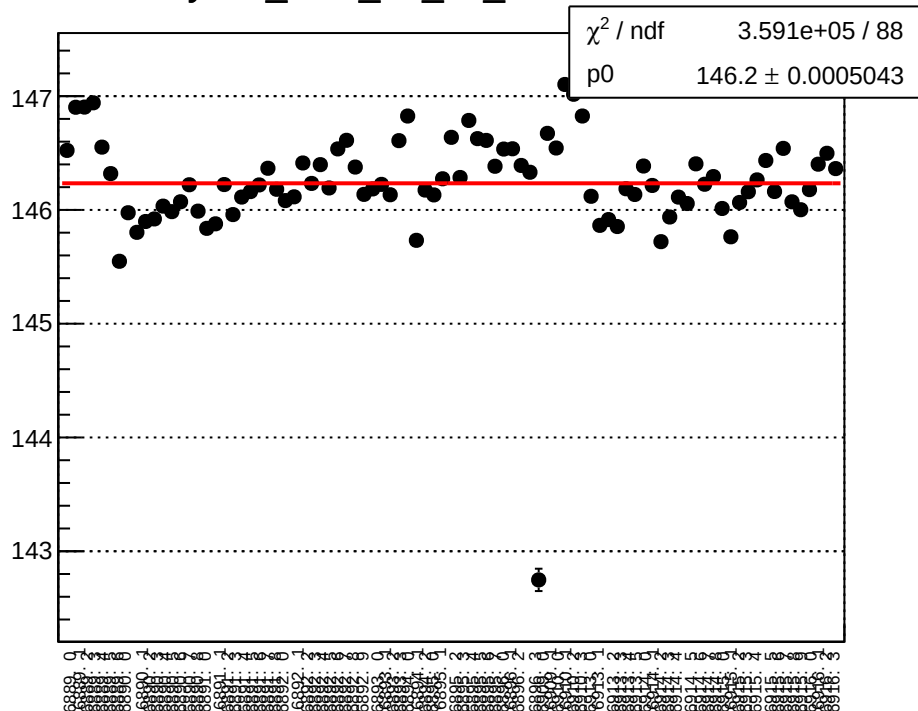
yield_bcm_an_diff_mean vs run



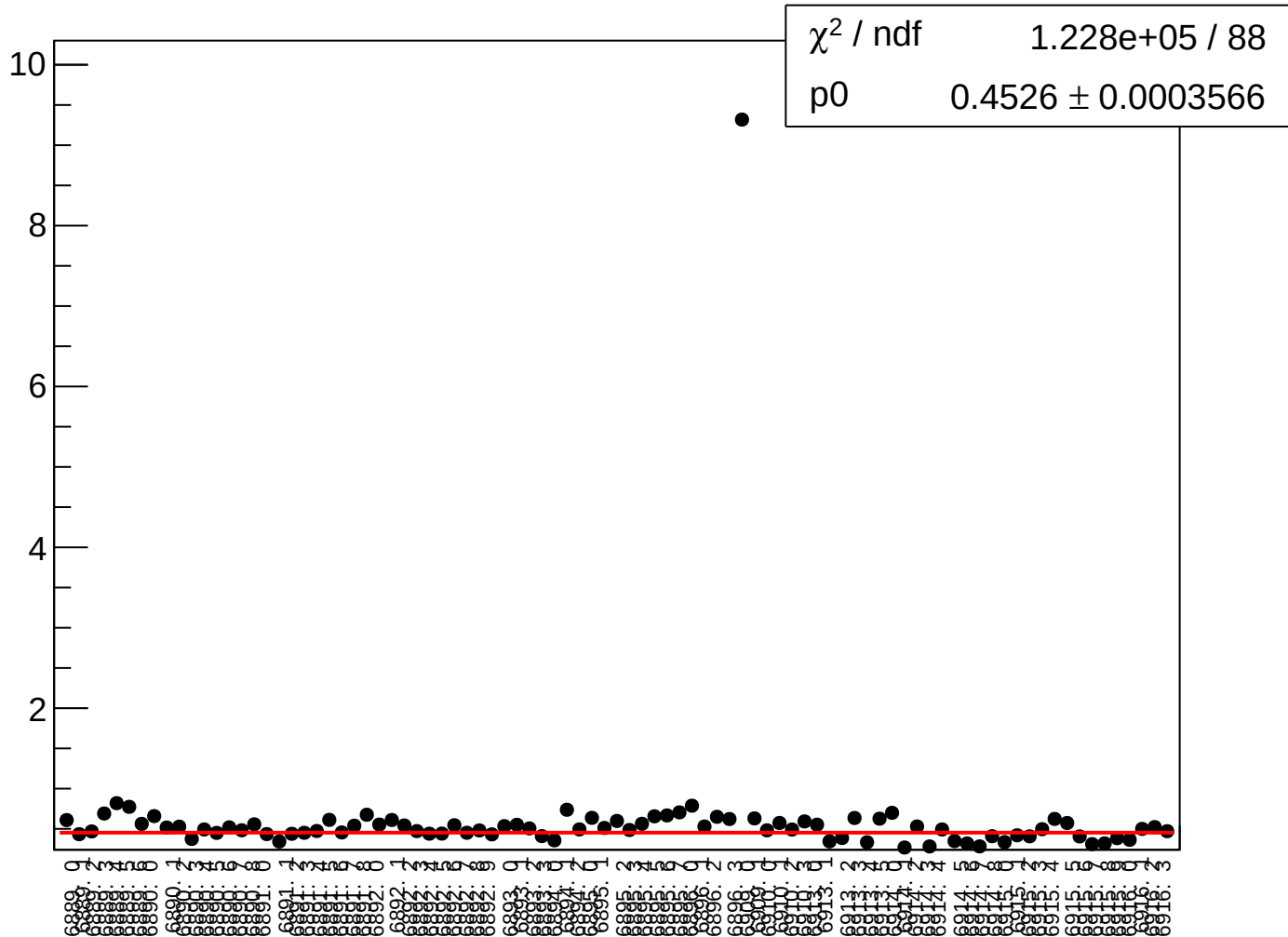
yield_bcm_an_diff_rms vs run



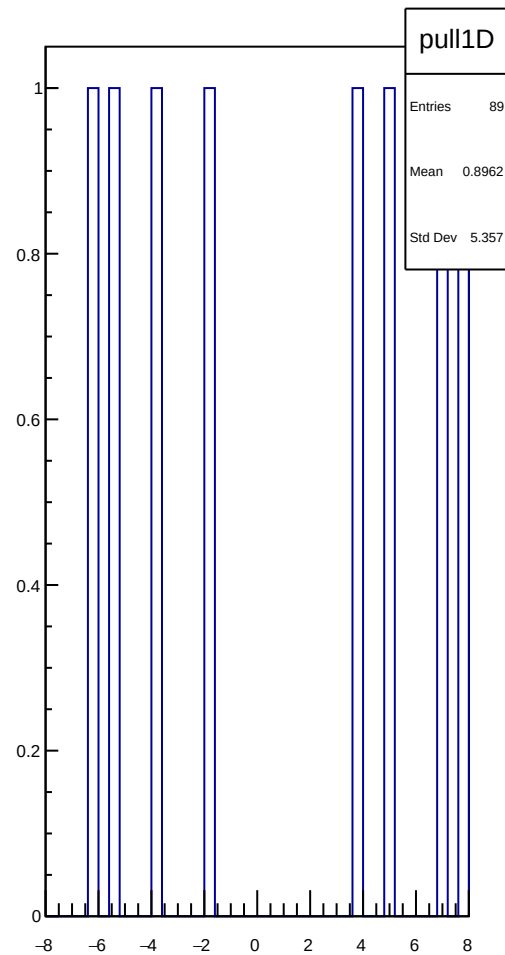
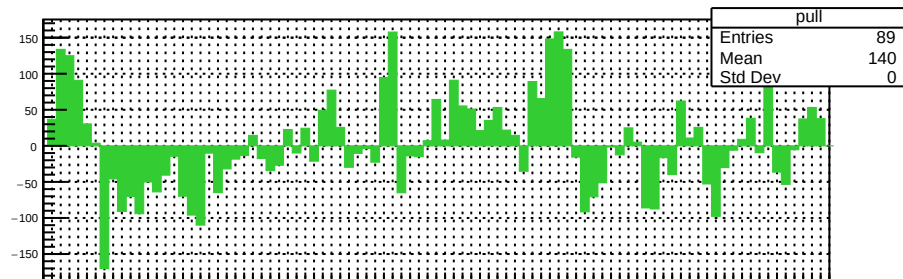
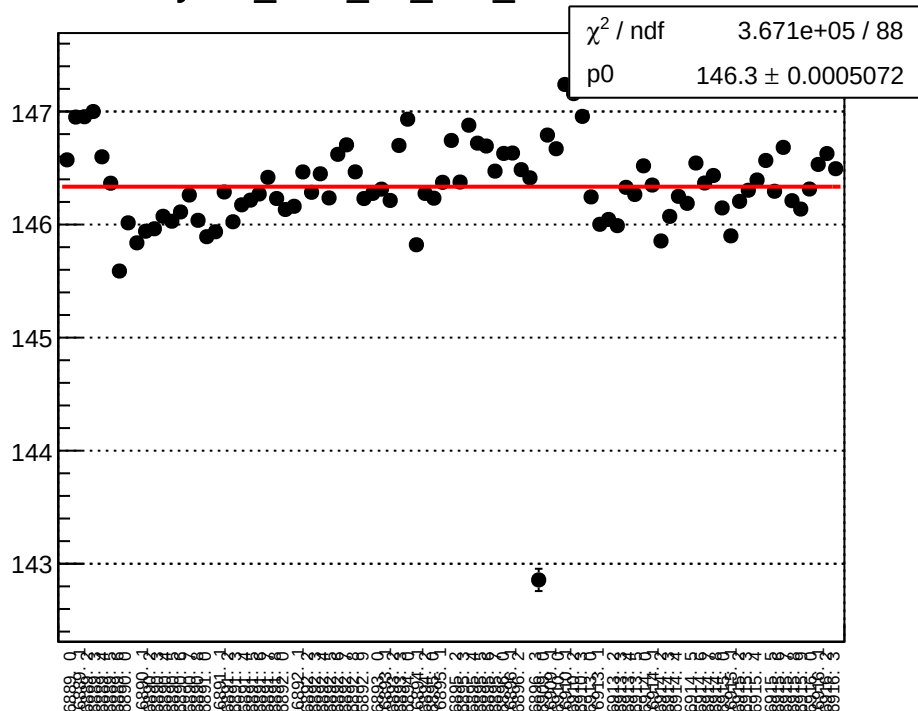
yield_bcm_an_ds_mean vs run



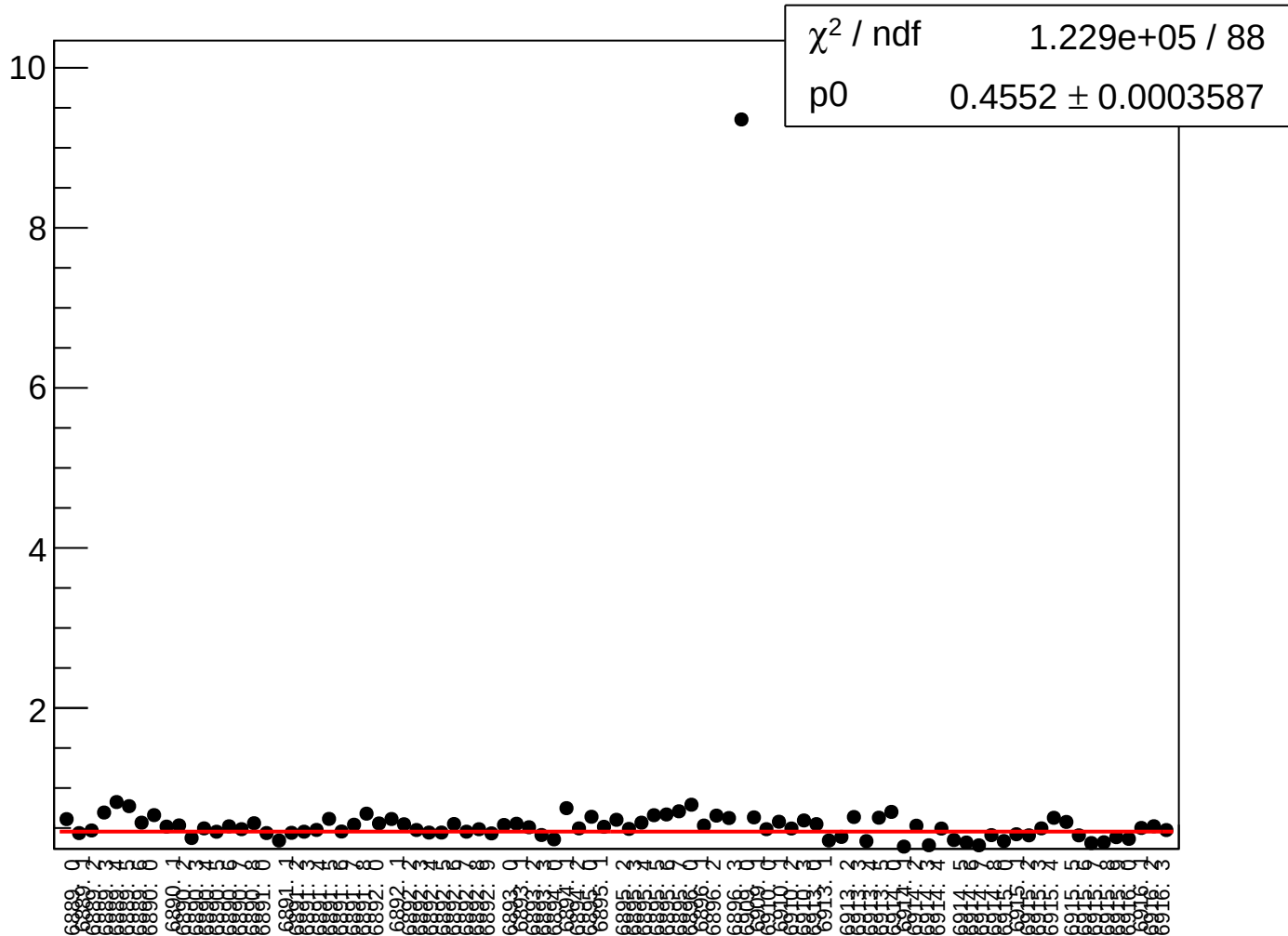
yield_bcm_an_ds_rms vs run



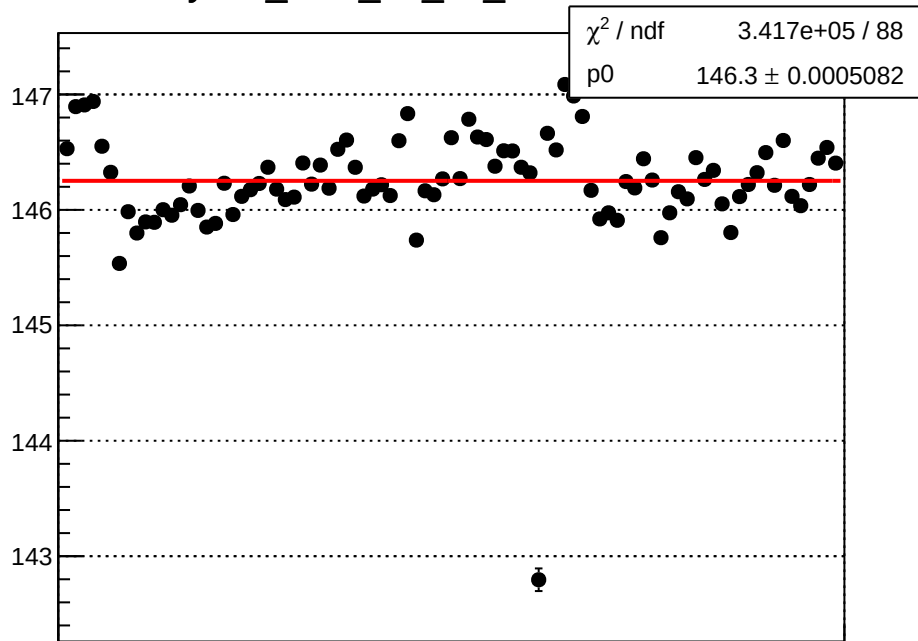
yield_bcm_an_ds3_mean vs run



yield_bcm_an_ds3_rms vs run

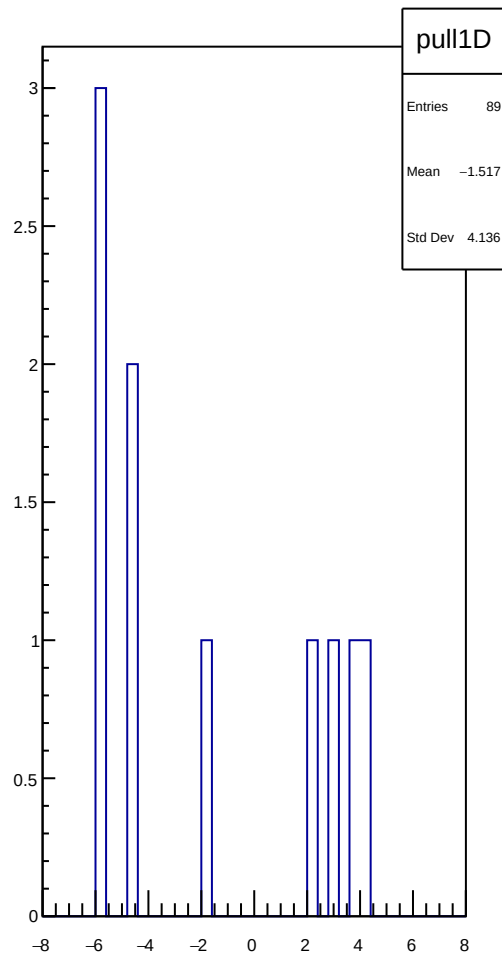
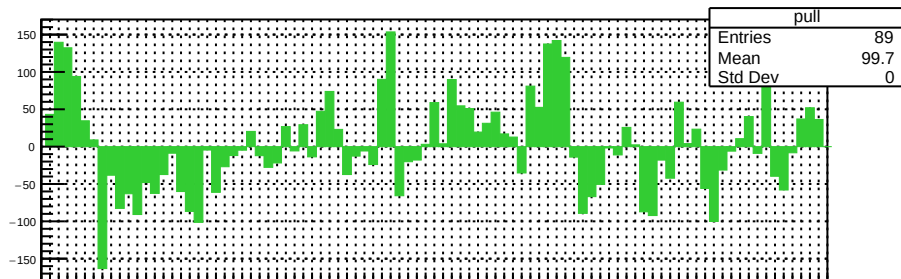


yield_bcm_an_us_mean vs run

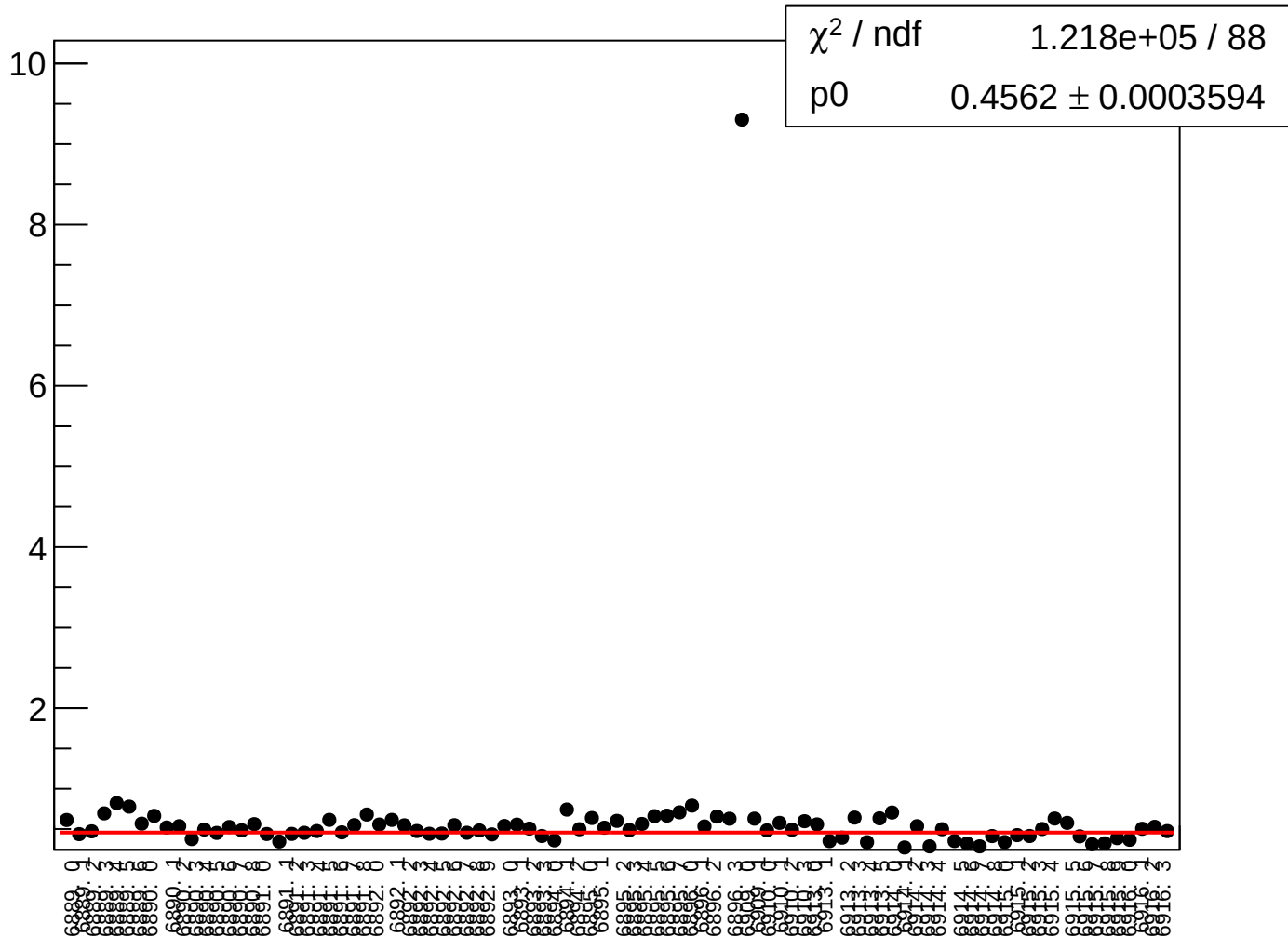


Correlation matrix for the fit parameters:

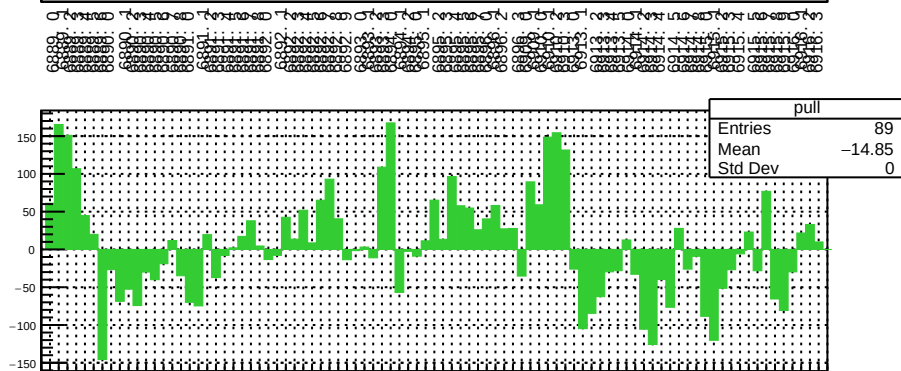
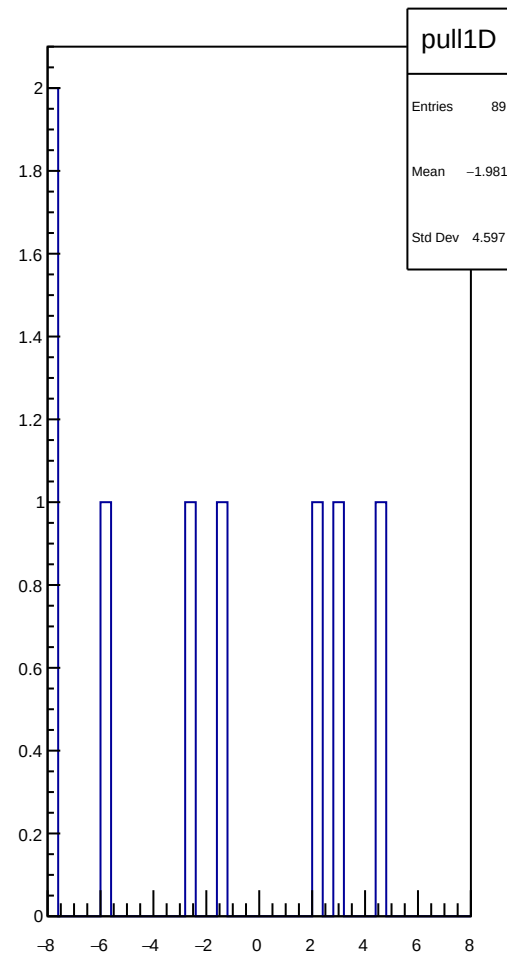
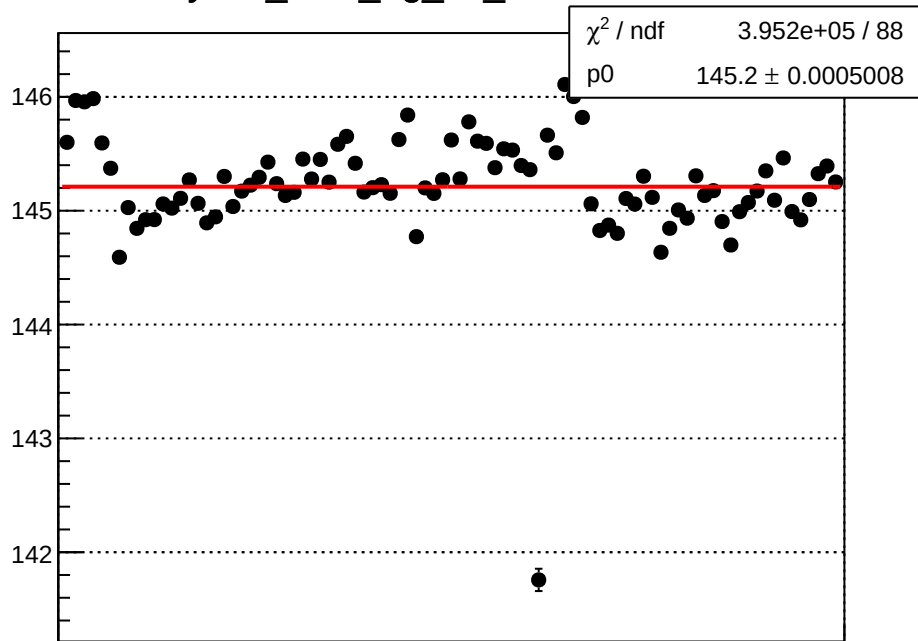
χ^2 / ndf	1.000000	-0.000000
p_0	-0.000000	1.000000



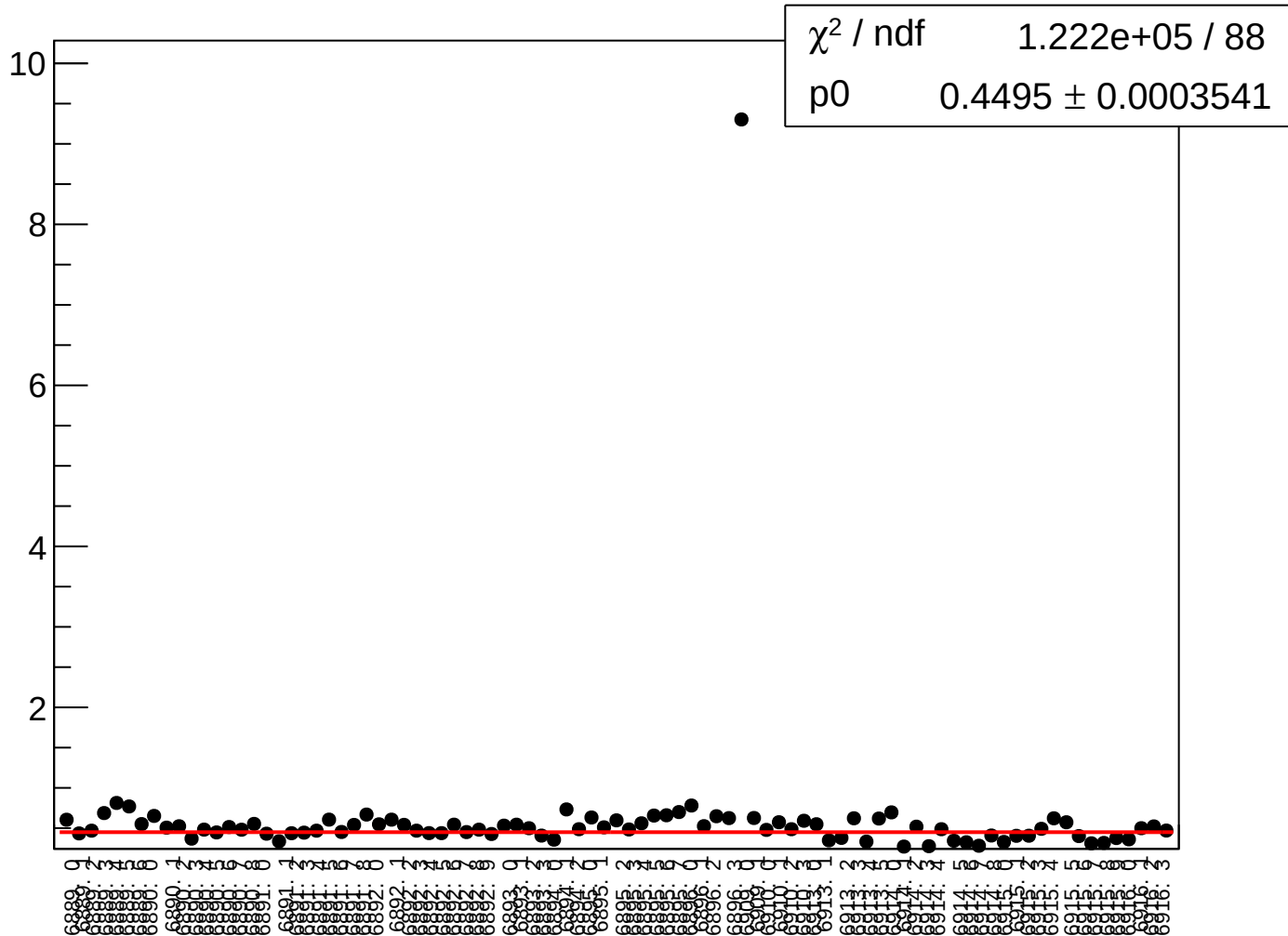
yield_bcm_an_us_rms vs run



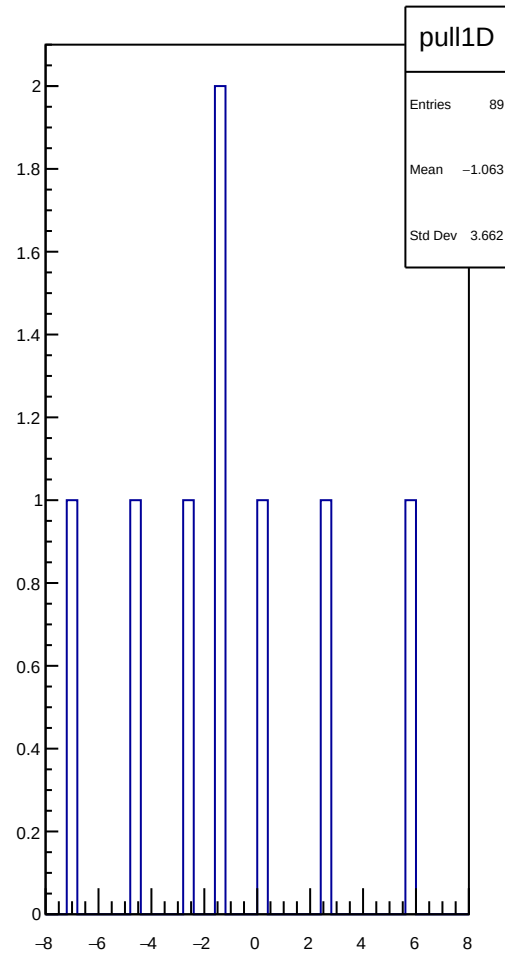
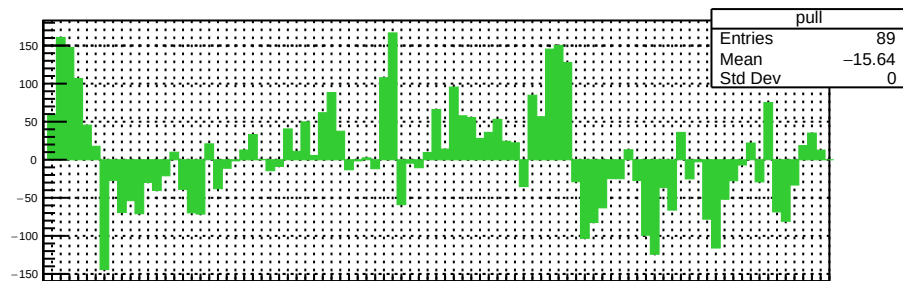
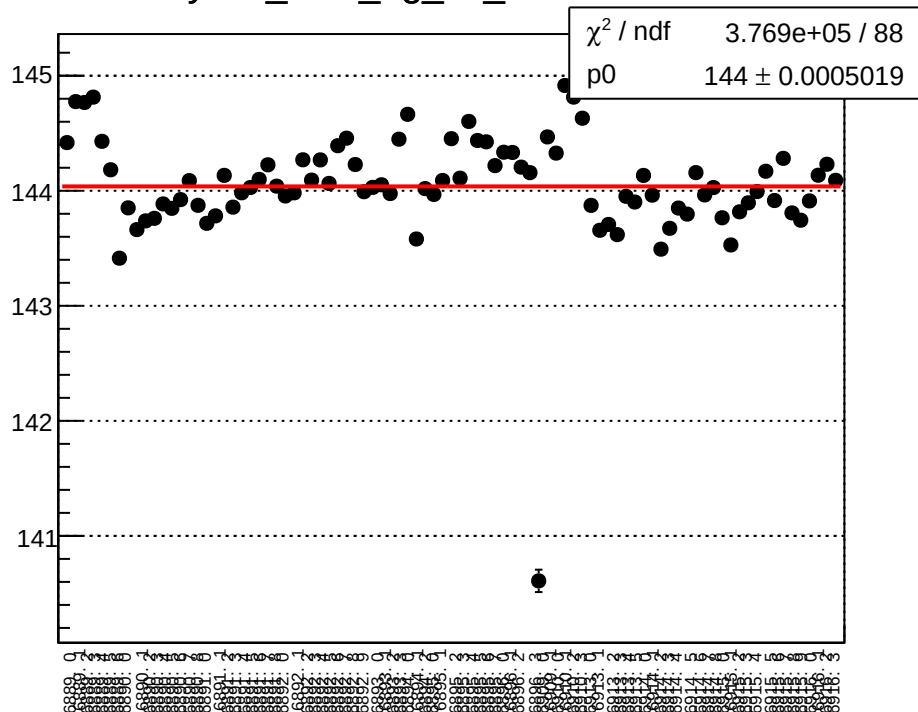
yield_bcm_dg_us_mean vs run



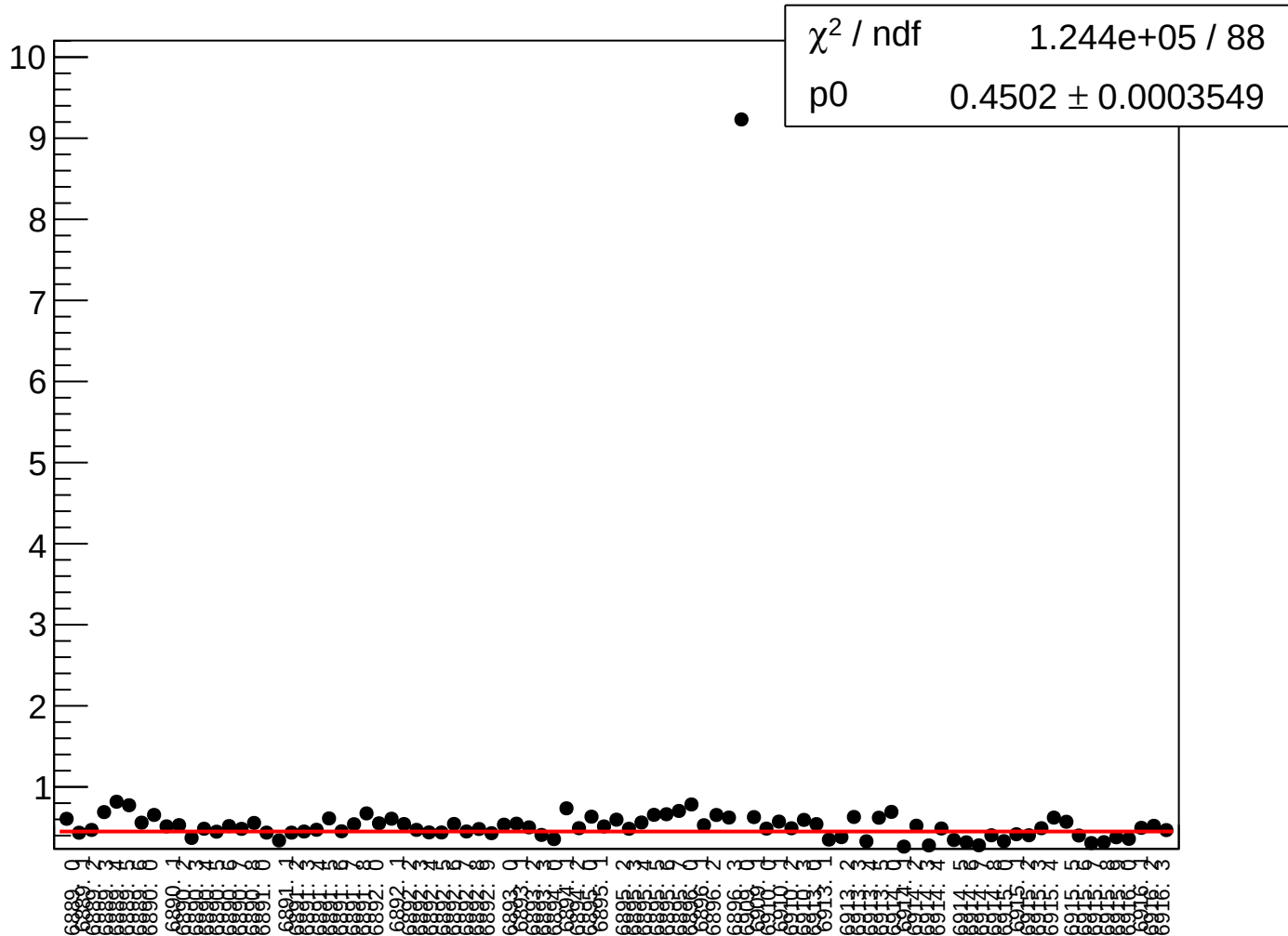
yield_bcm_dg_us_rms vs run



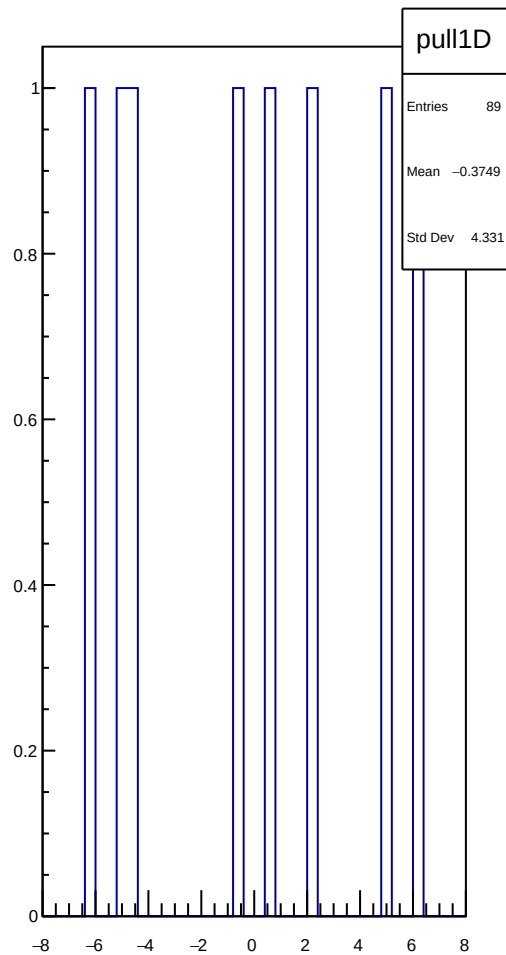
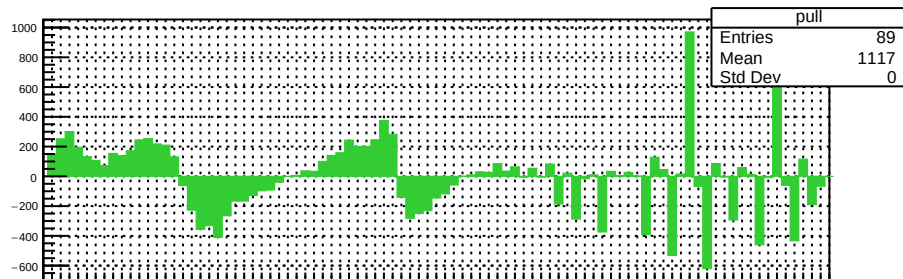
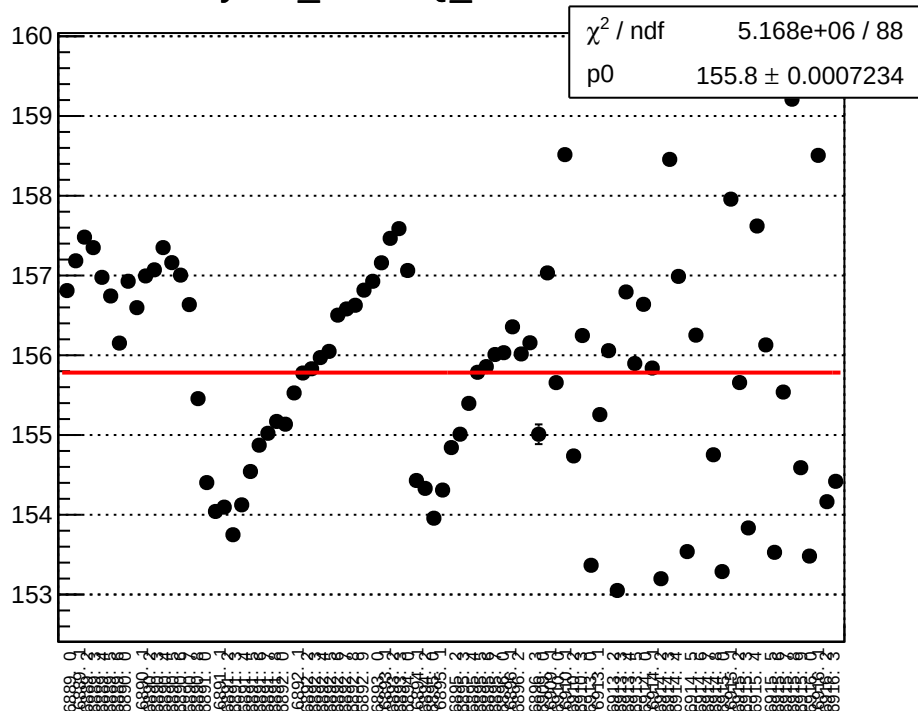
yield_bcm_dg_ds_mean vs run



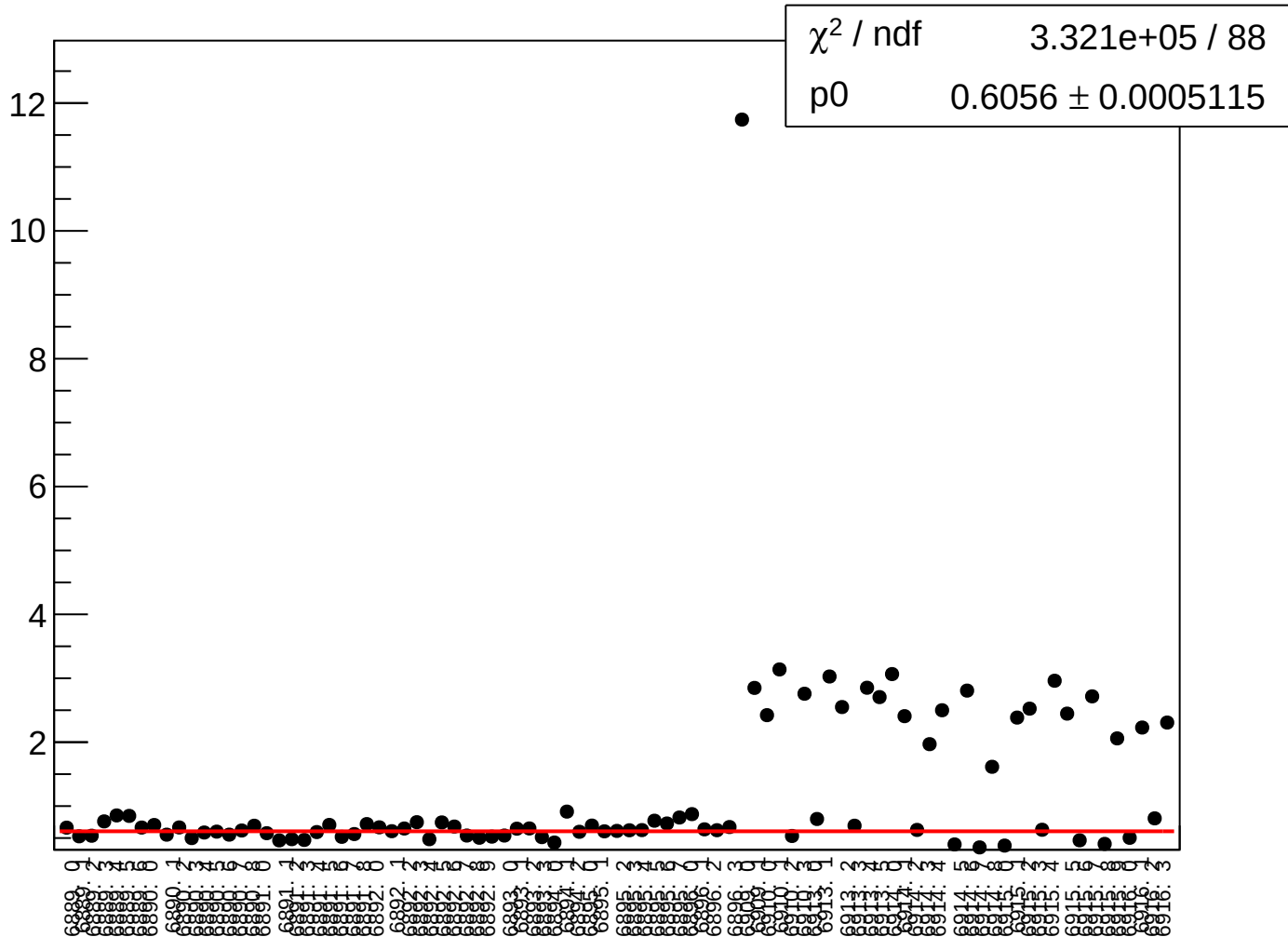
yield_bcm_dg_ds_rms vs run



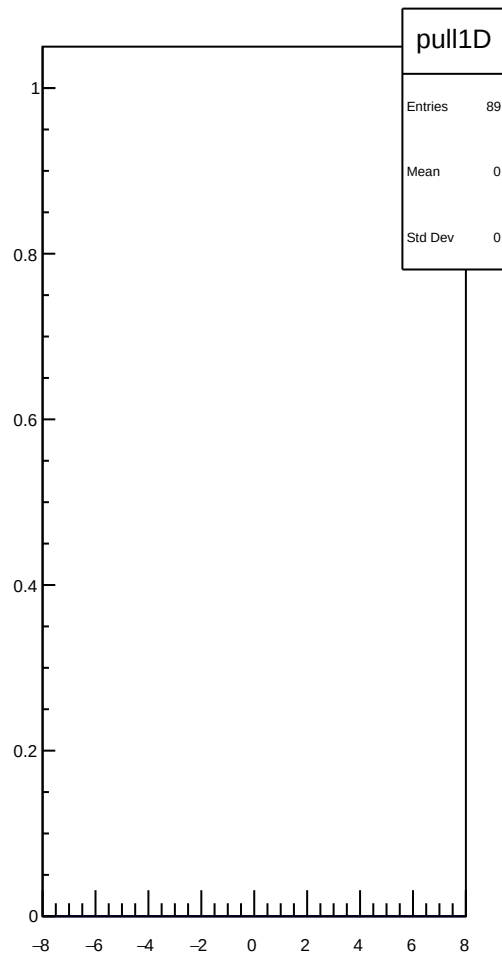
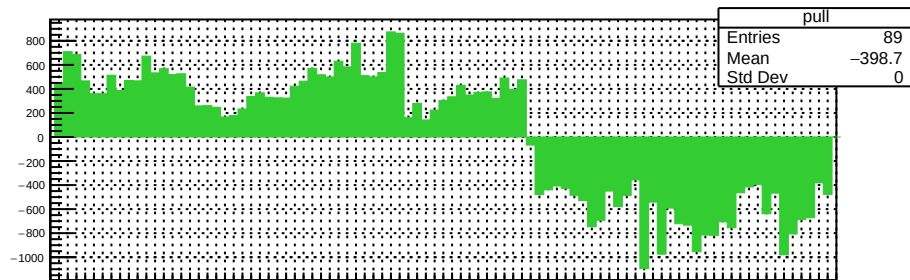
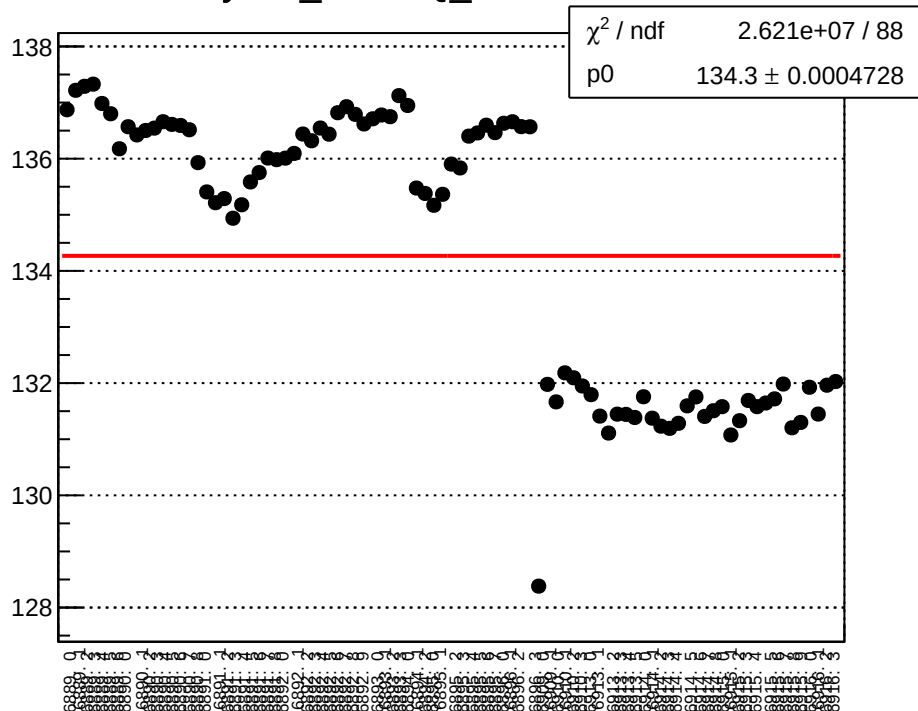
yield_cav4bQ_mean vs run



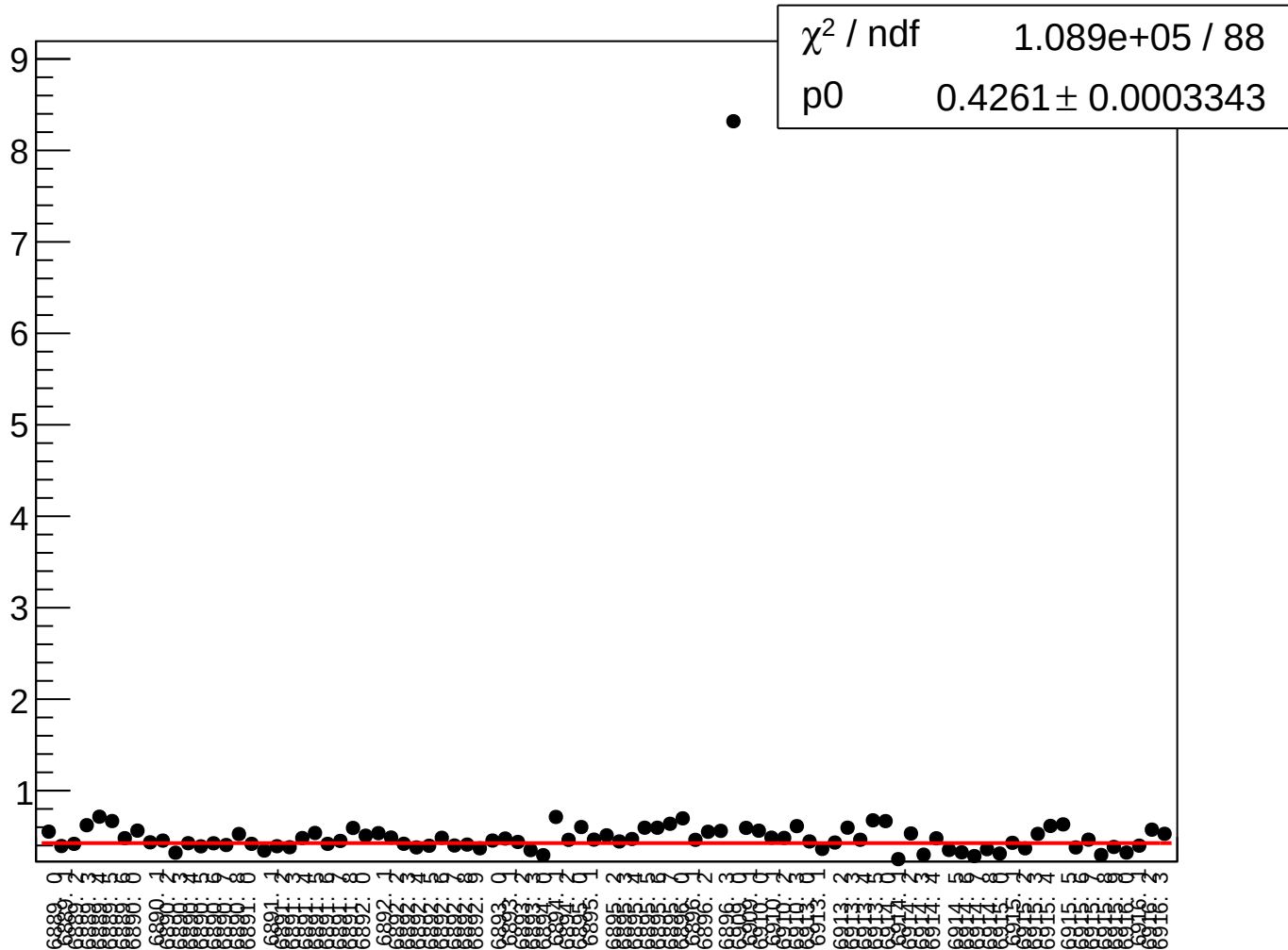
yield_cav4bQ_rms vs run



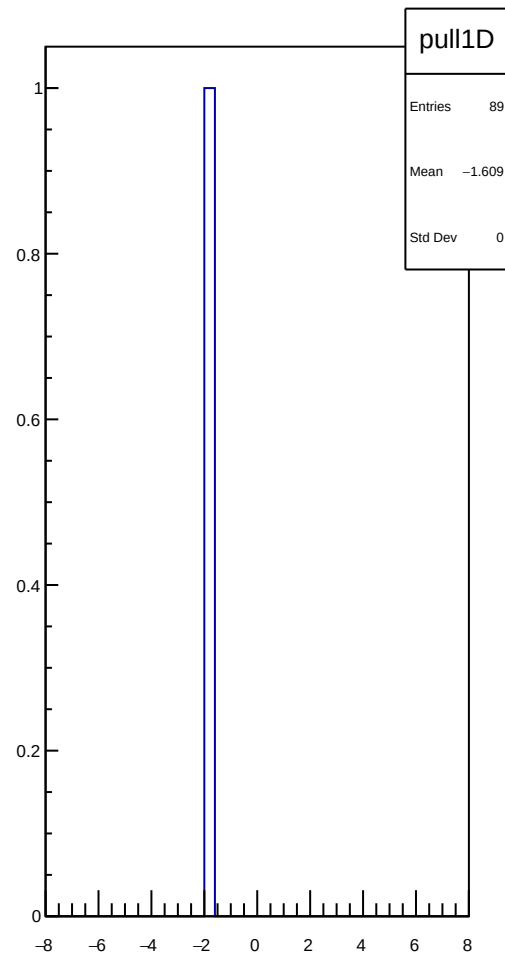
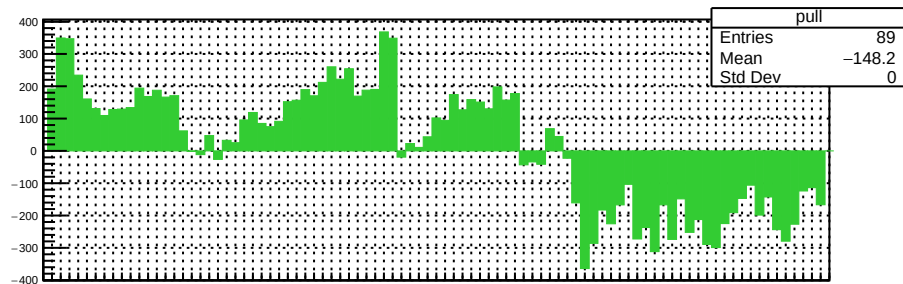
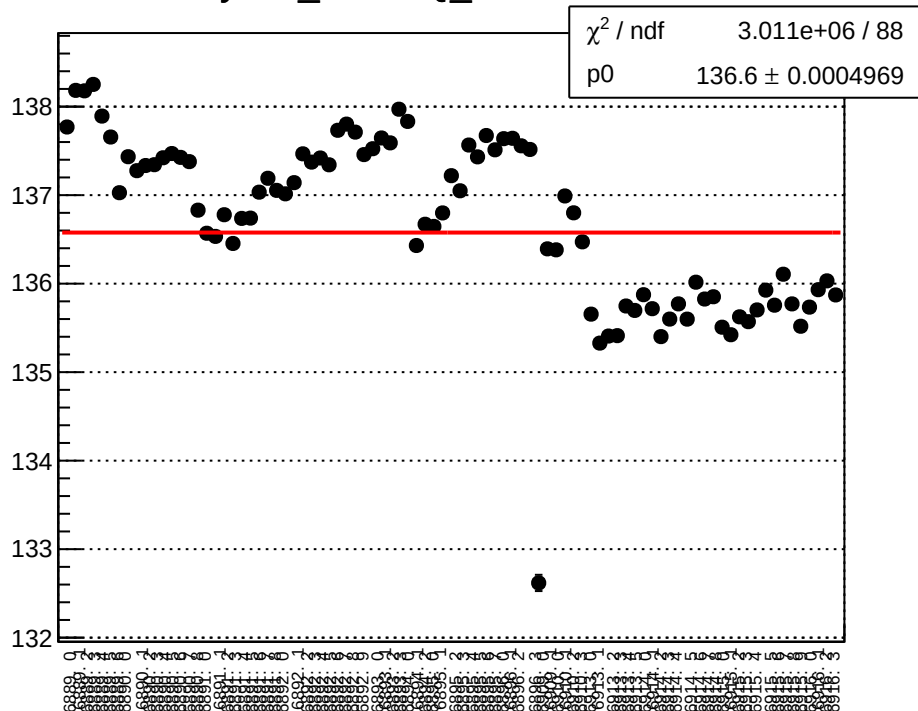
yield_cav4cQ_mean vs run



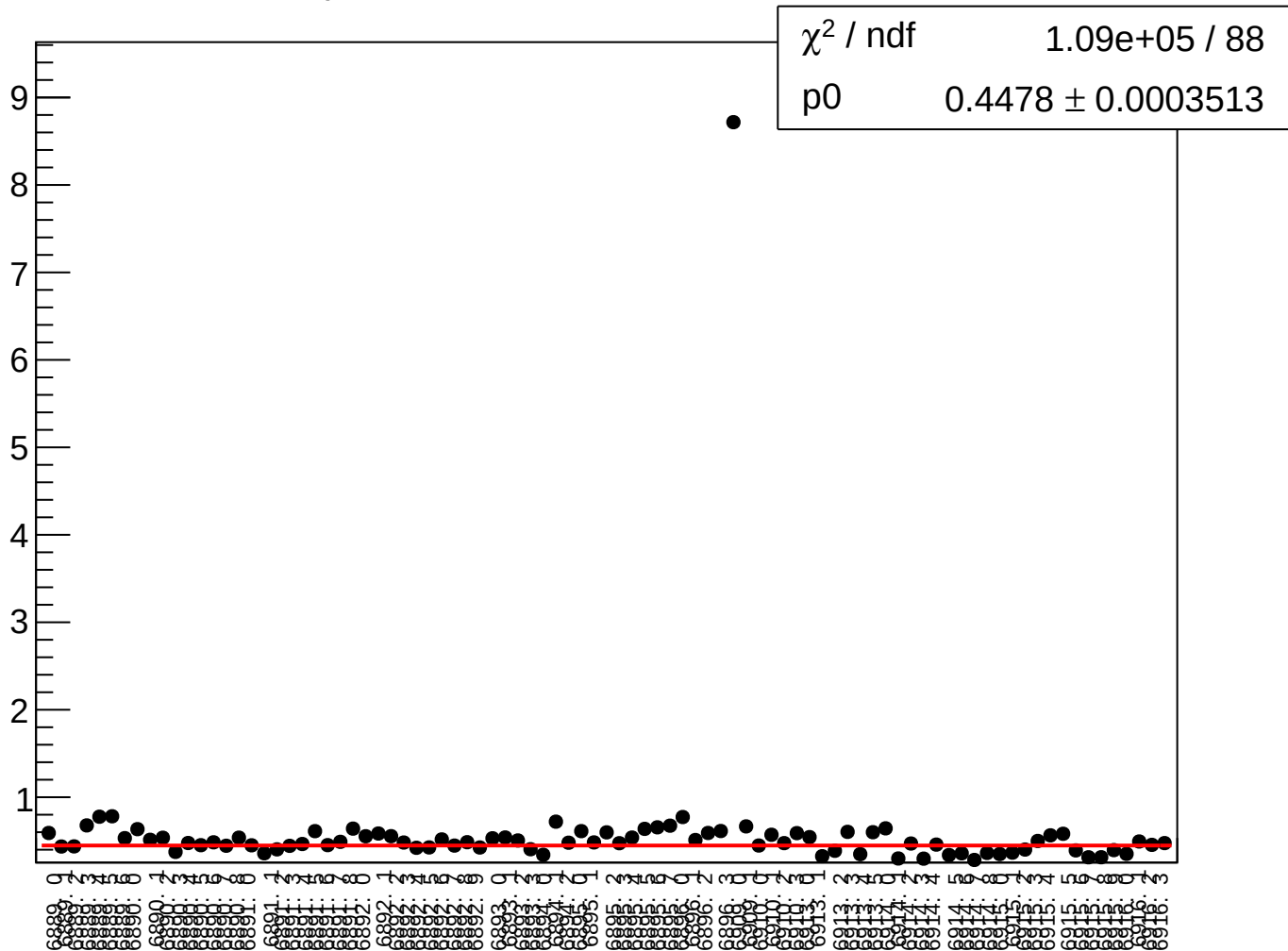
yield_cav4cQ_rms vs run



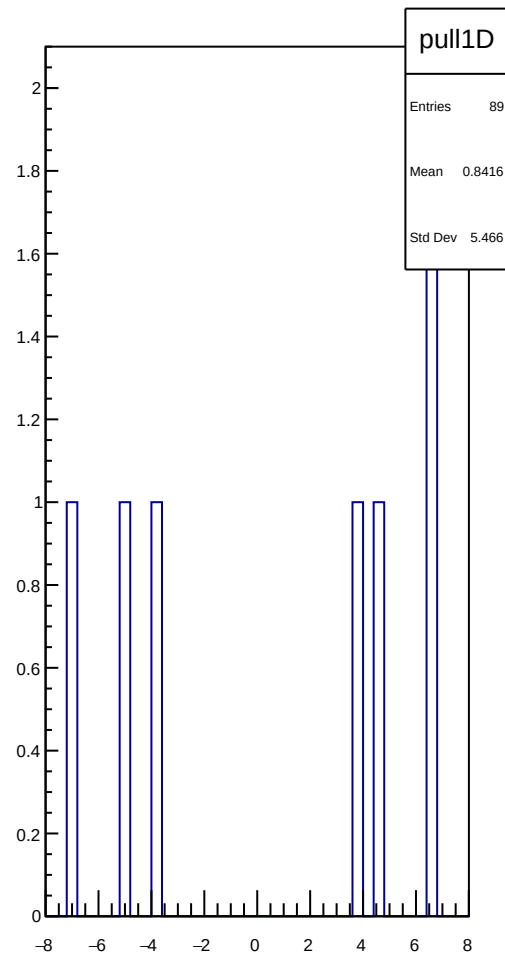
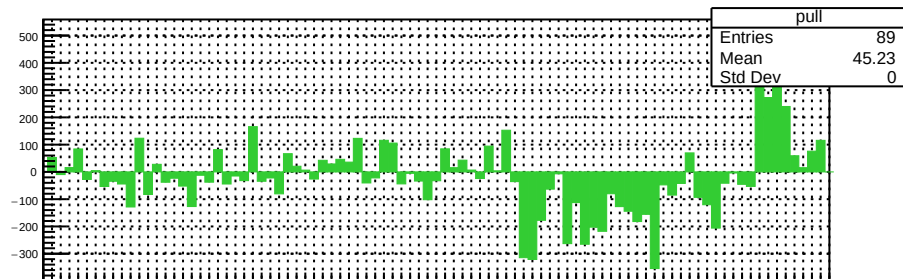
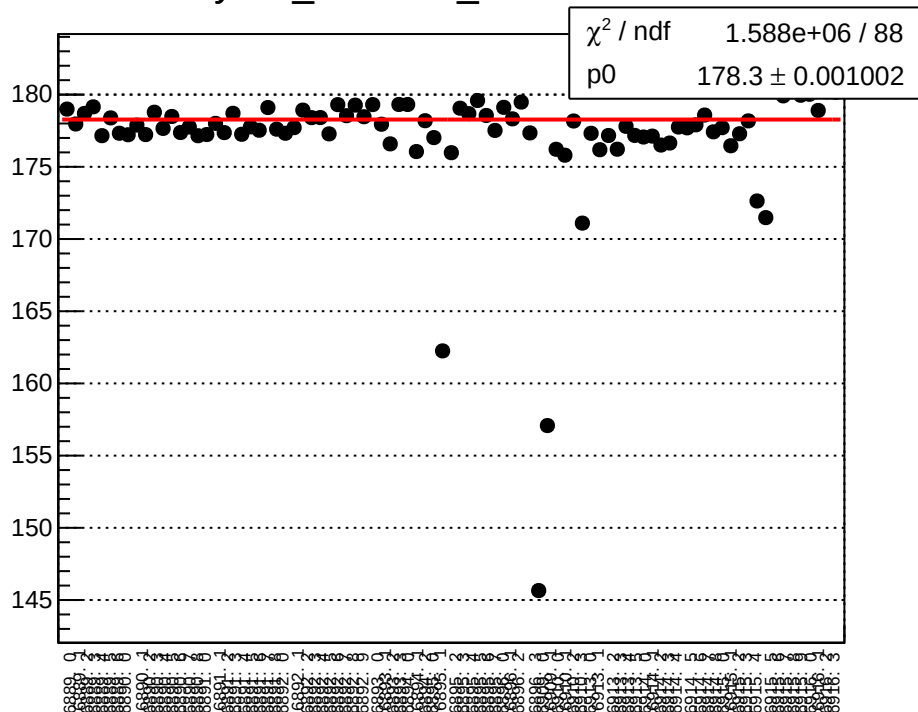
yield_cav4dQ_mean vs run



yield_cav4dQ_rms vs run



yield_bcm0l02_mean vs run



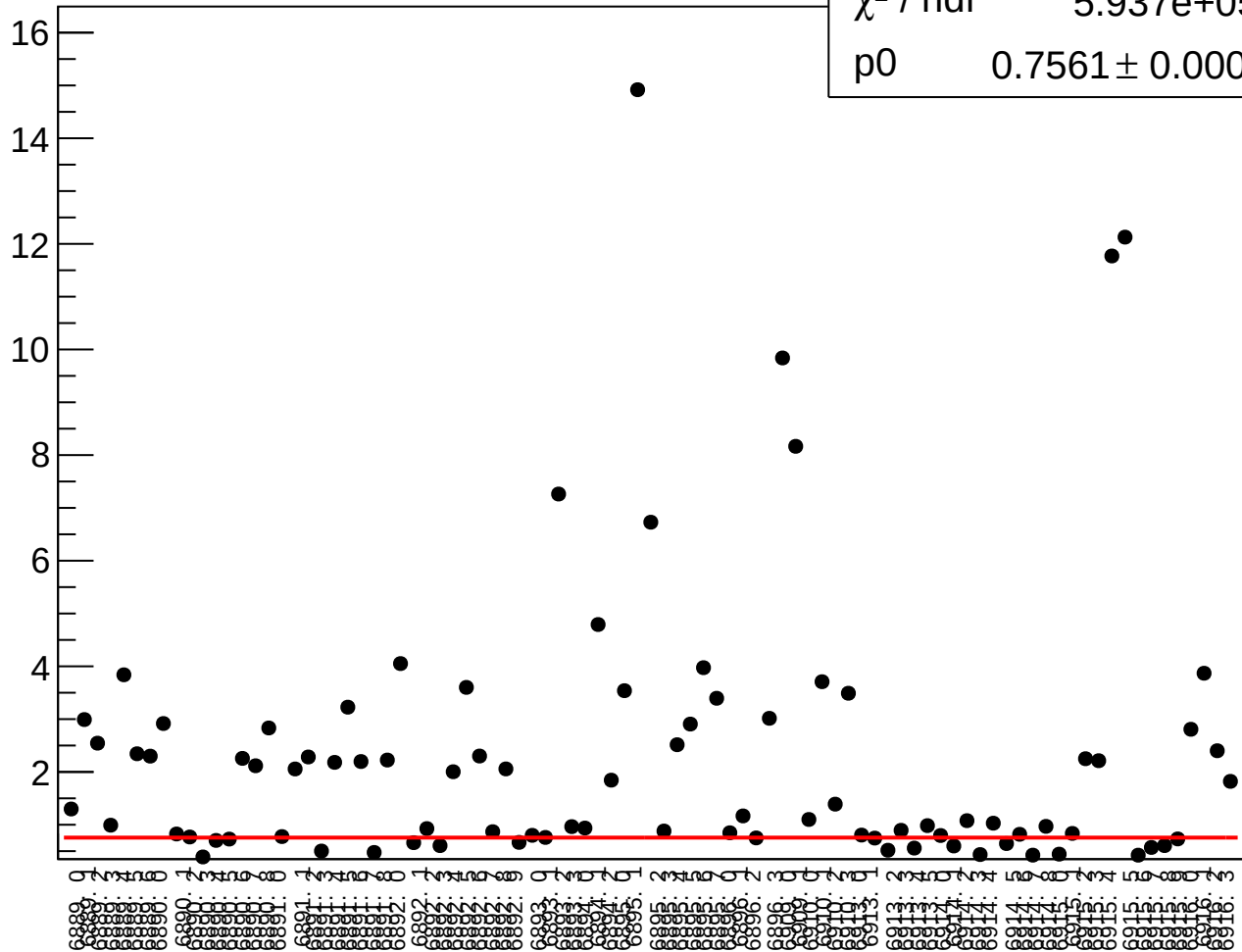
yield_bcm0l02_rms vs run

χ^2 / ndf

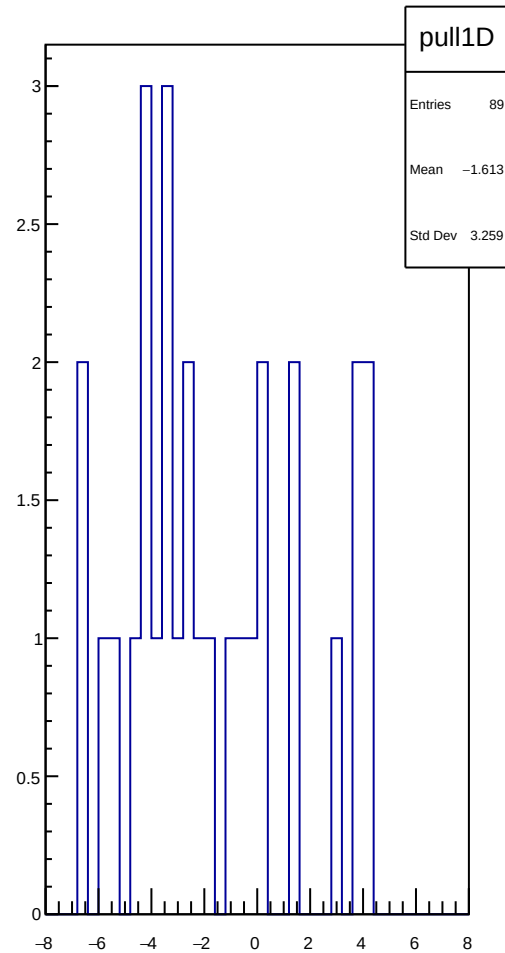
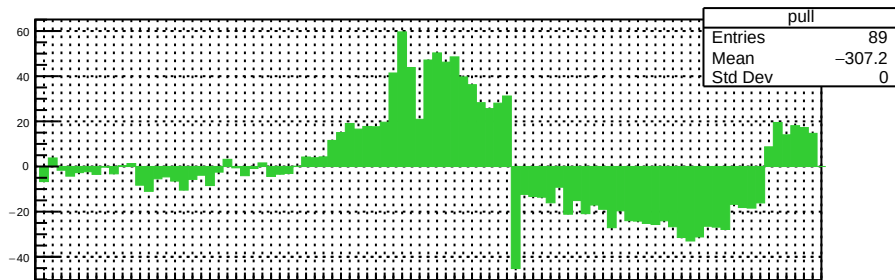
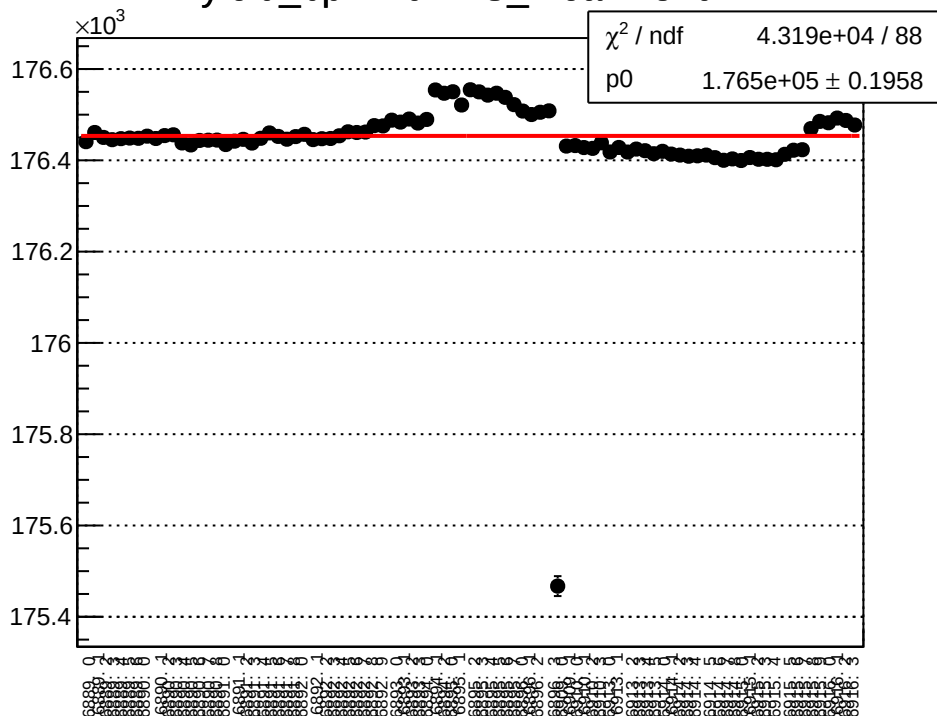
5.937e+05 / 88

p0

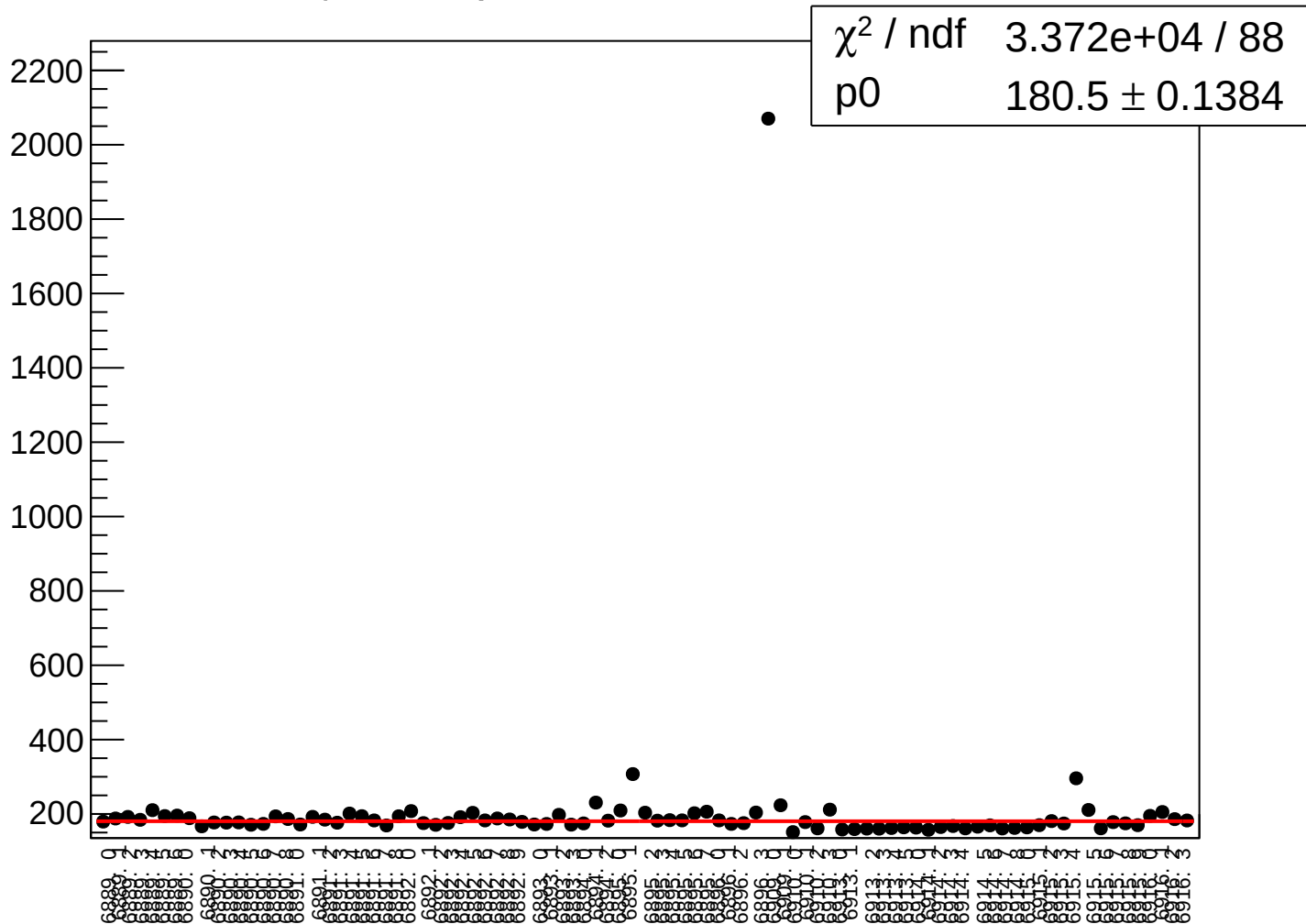
0.7561 ± 0.0007082



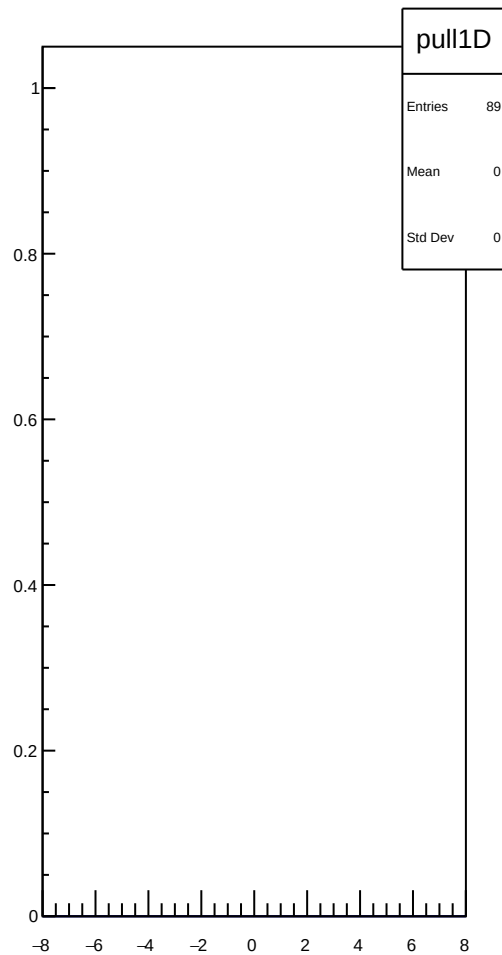
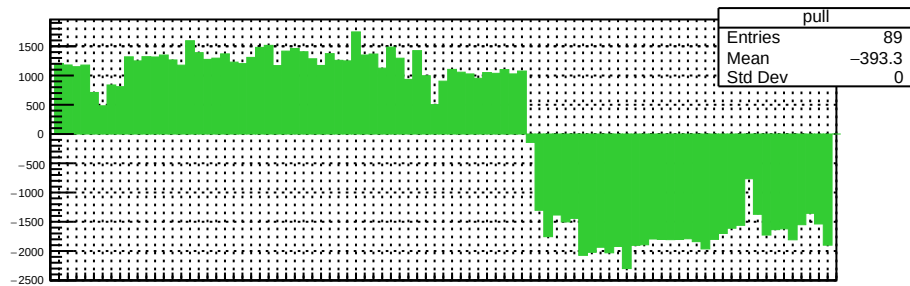
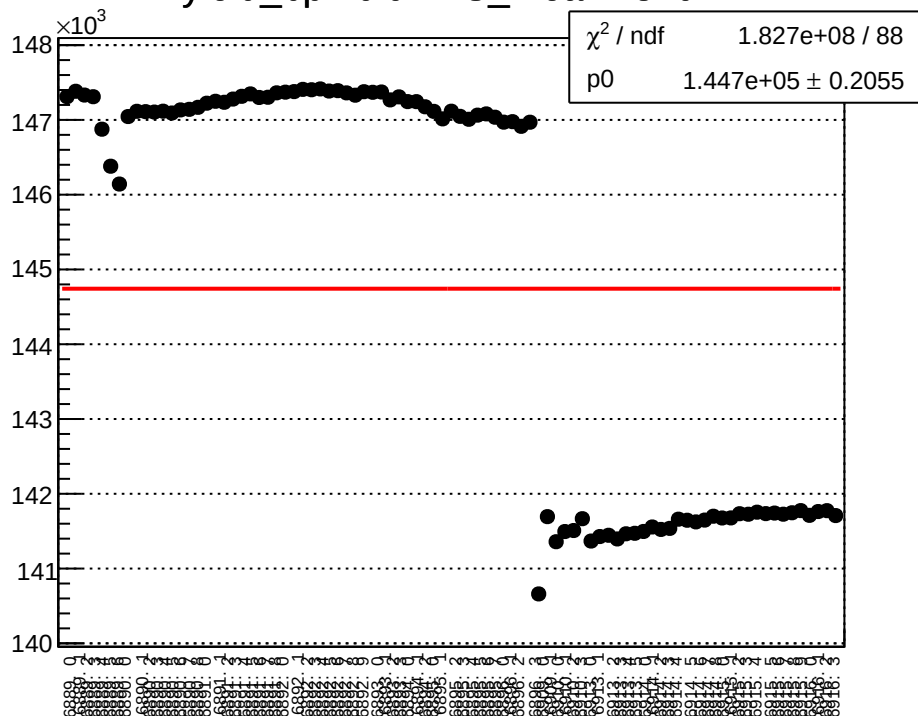
yield_bpm2i01WS_mean vs run



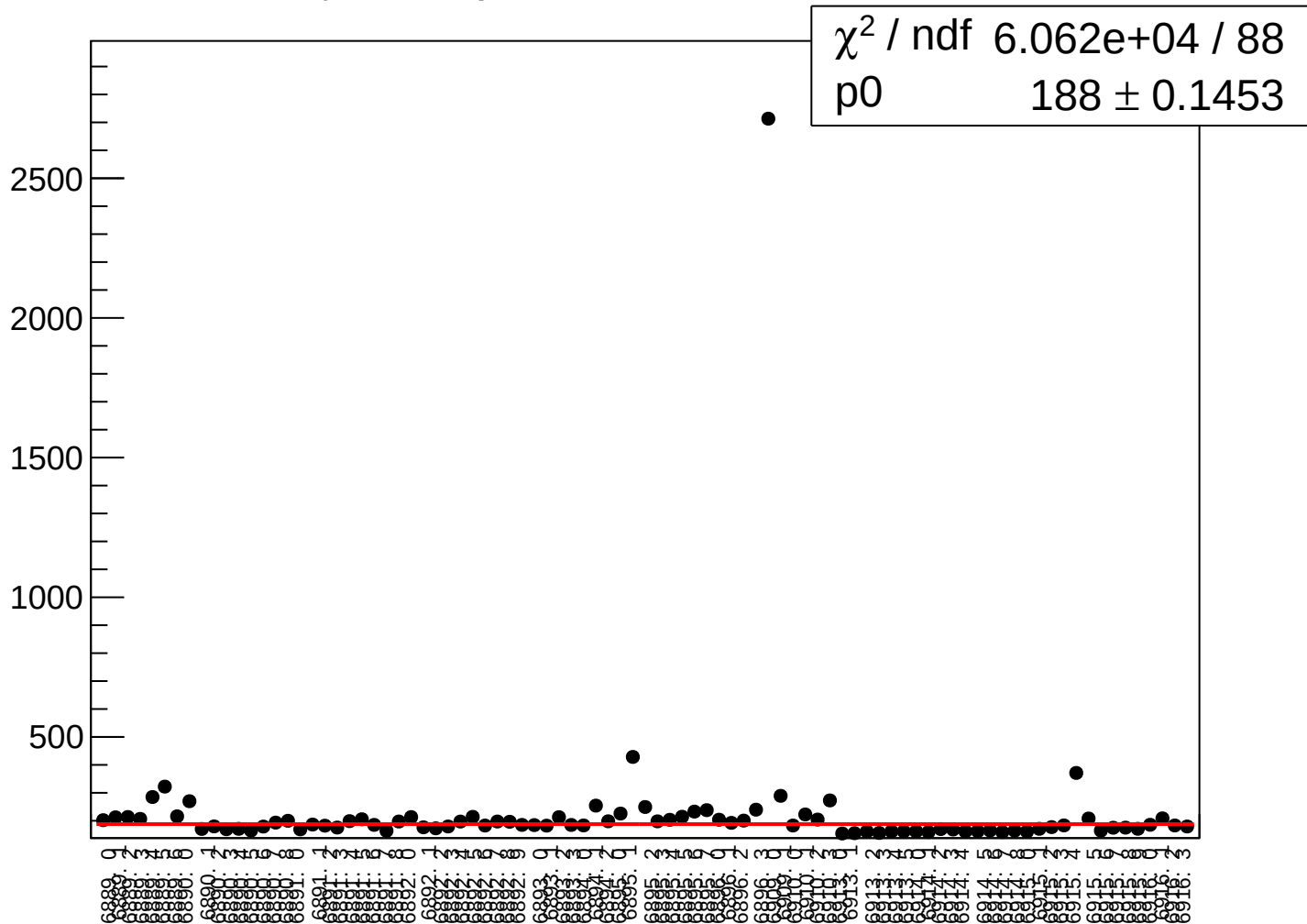
yield_bpm2i01WS_rms vs run



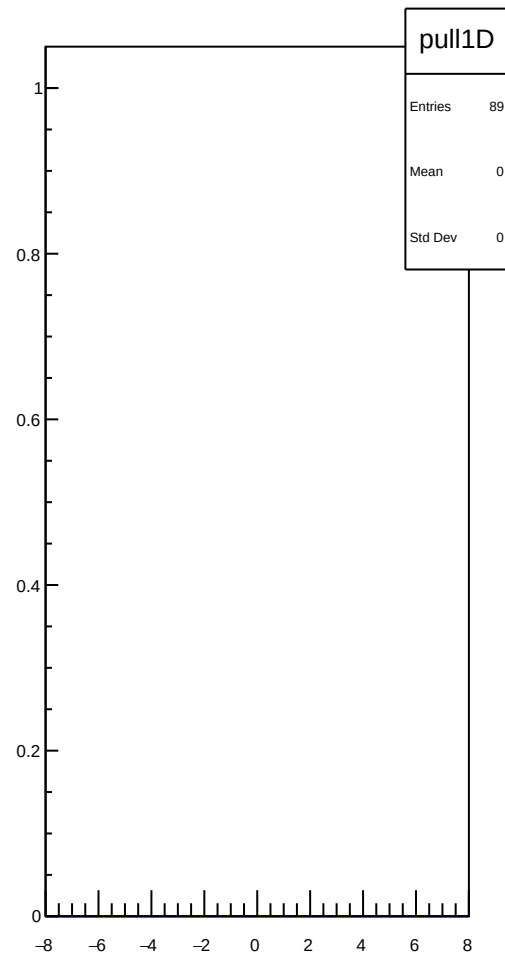
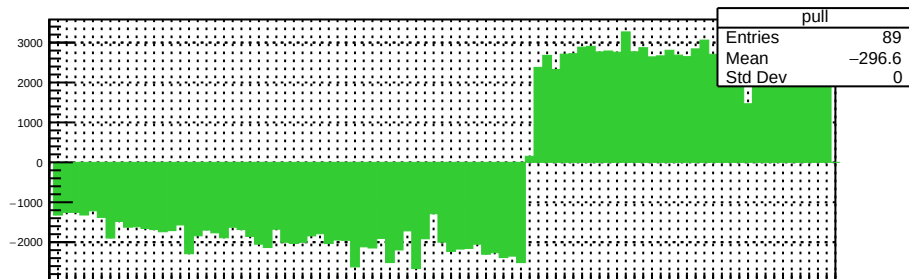
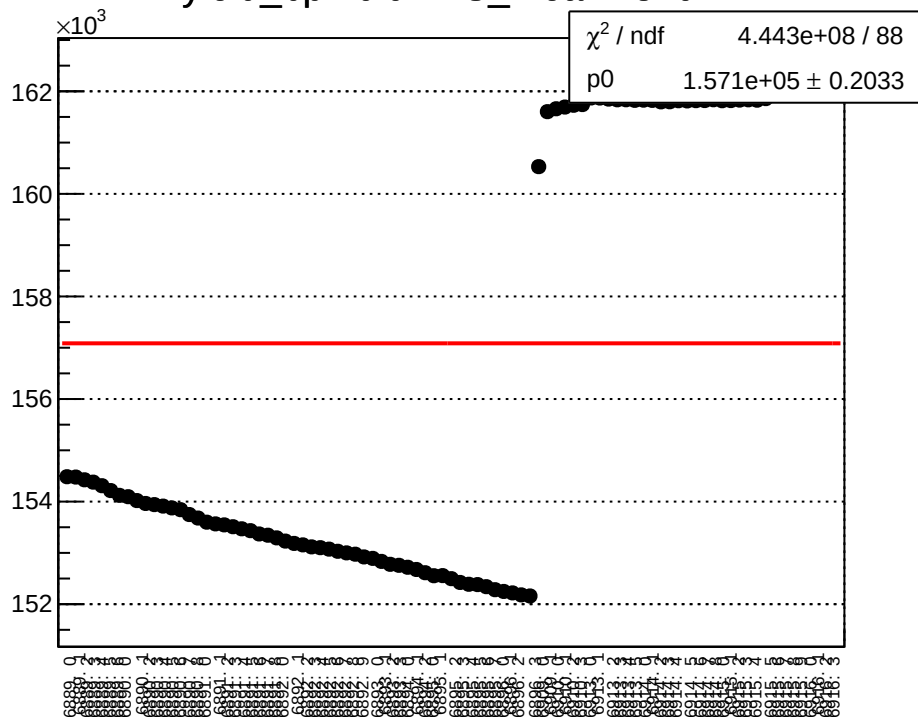
yield_bpm0i07WS_mean vs run



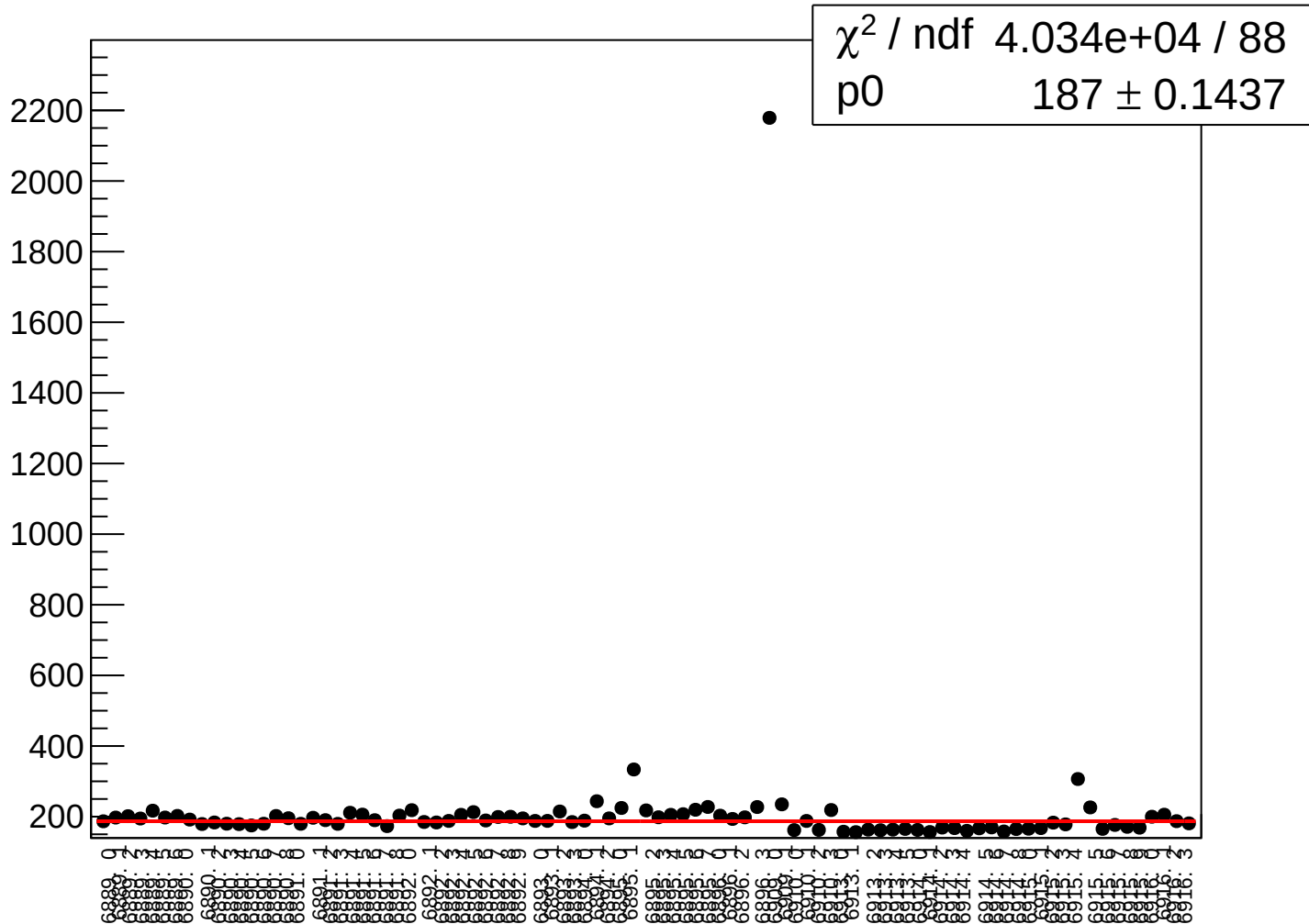
yield_bpm0i07WS_rms vs run



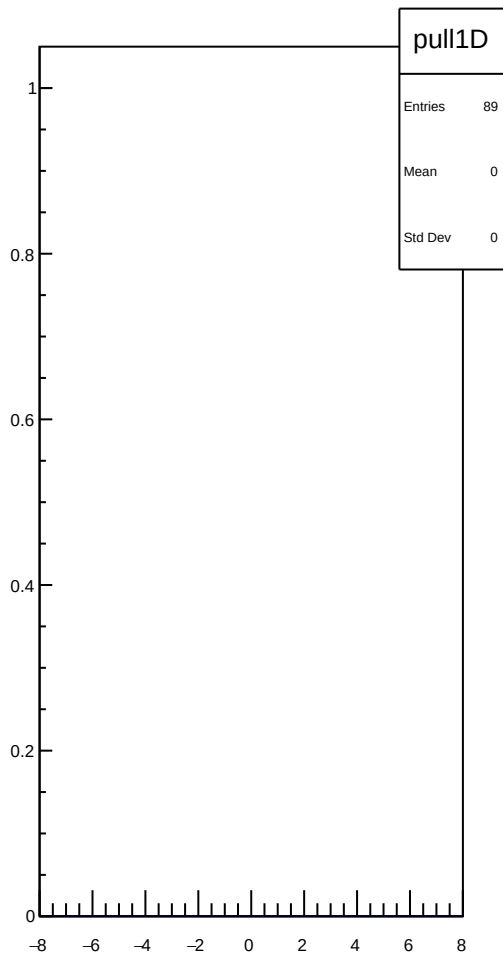
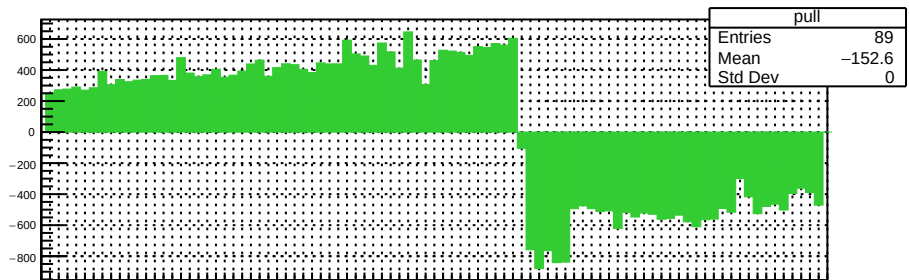
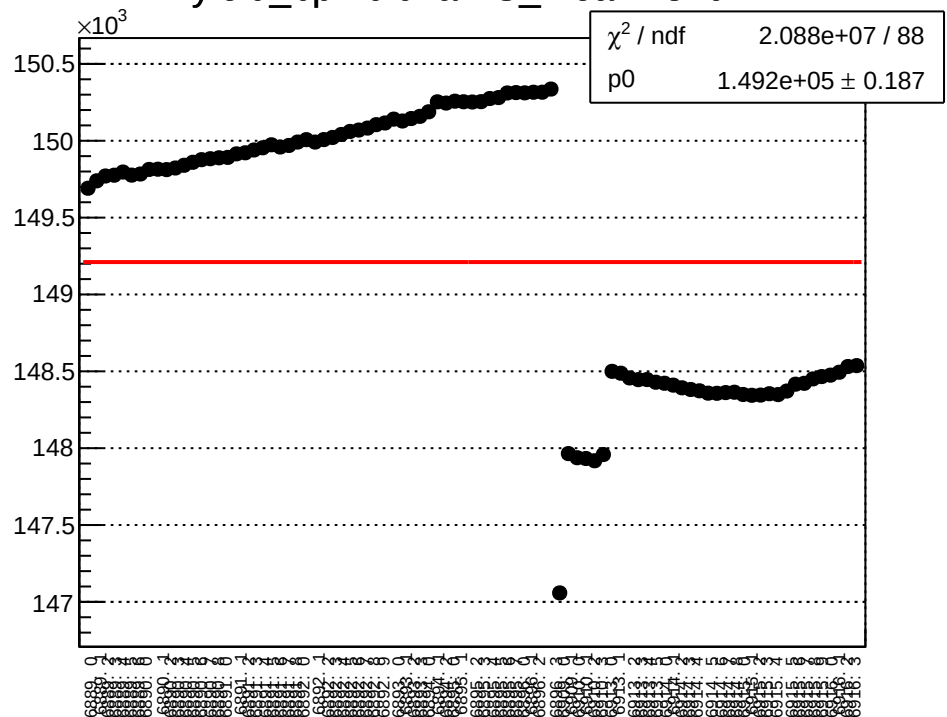
yield_bpm0i01WS_mean vs run



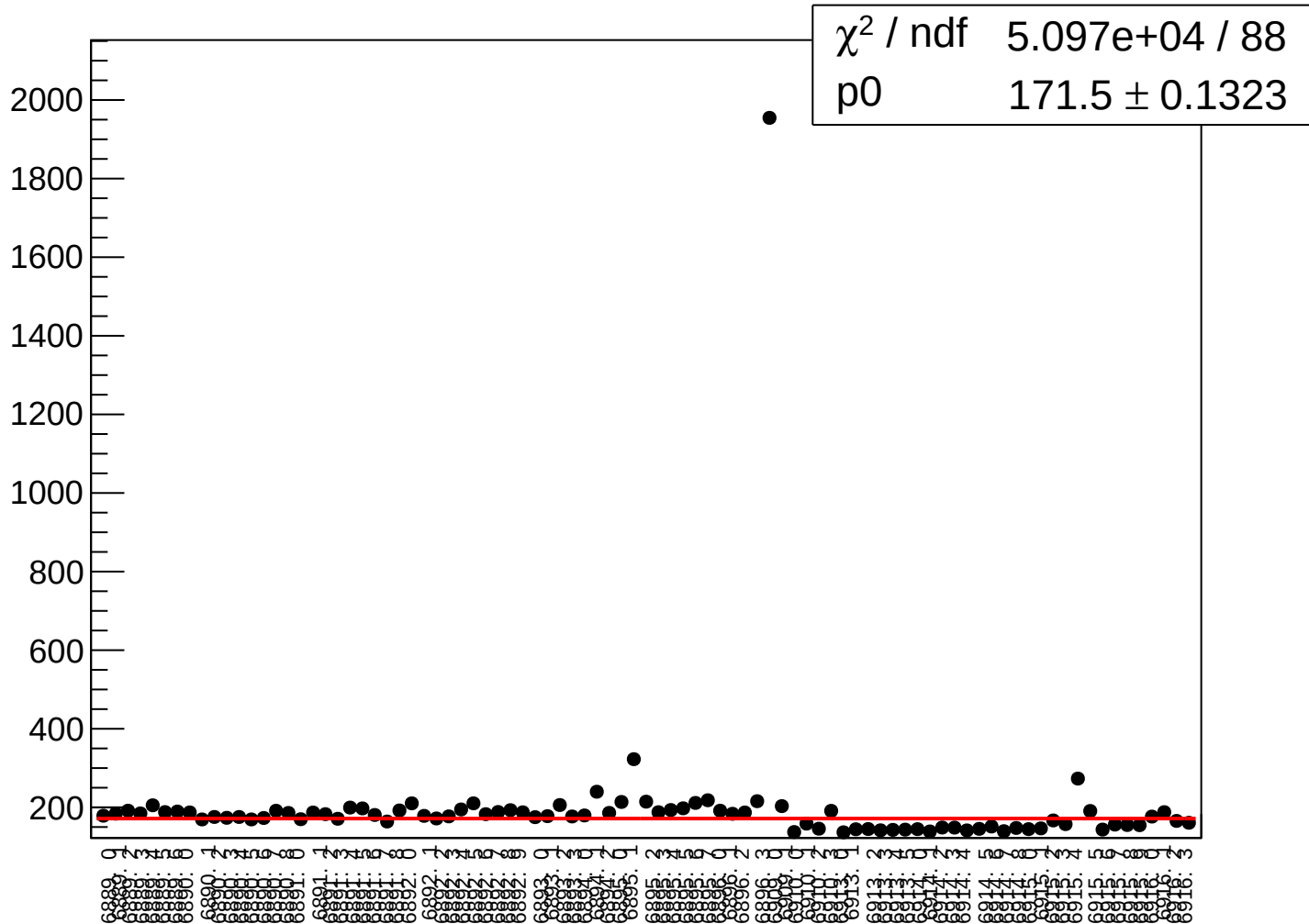
yield_bpm0i01WS_rms vs run



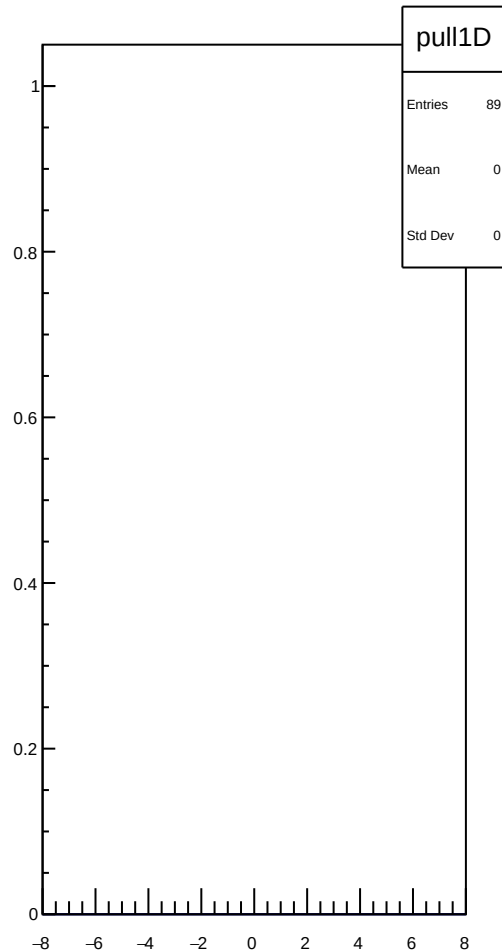
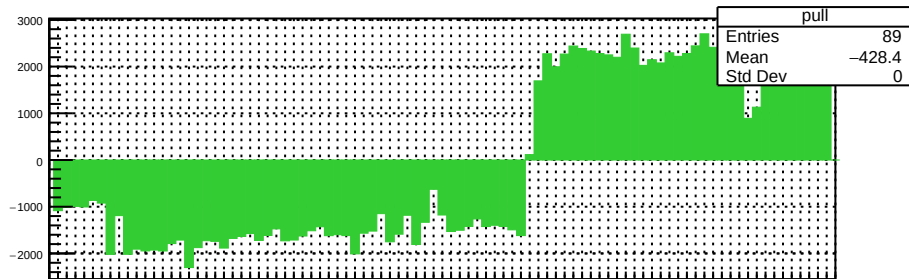
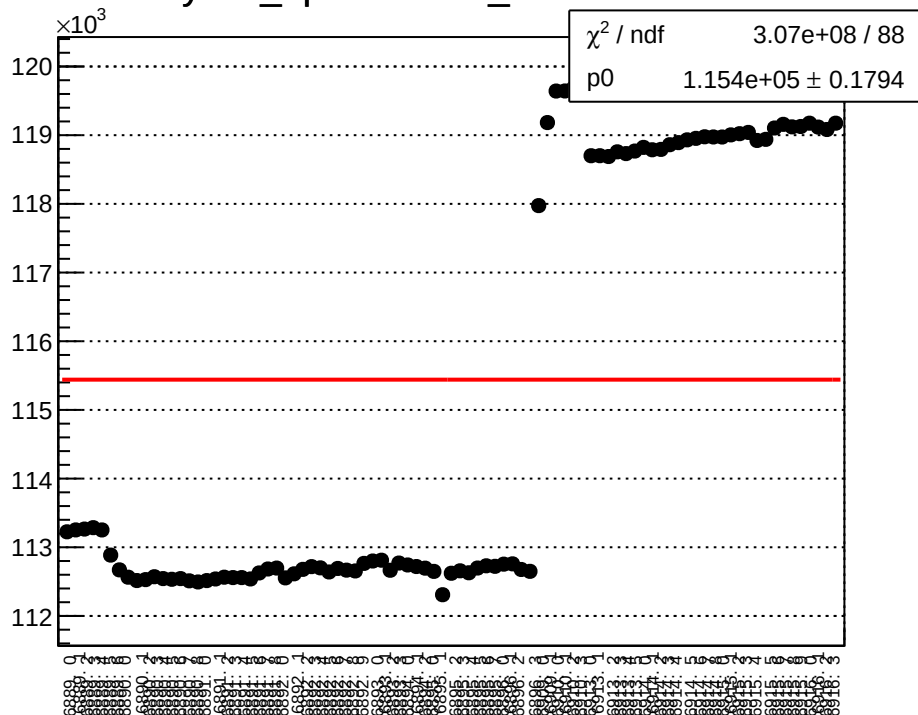
yield_bpm0i01aWS_mean vs run



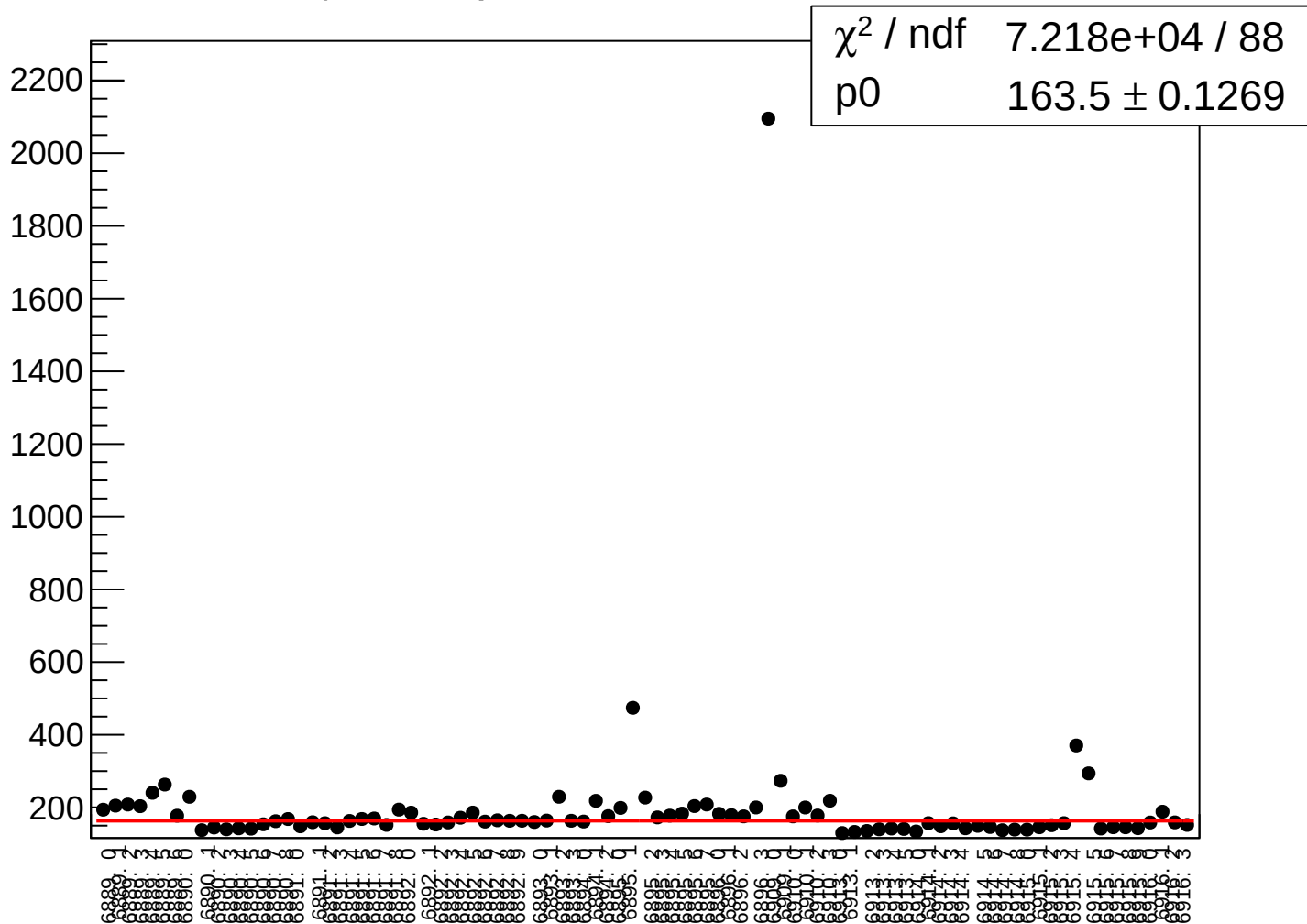
yield_bpm0i01aWS_rms vs run



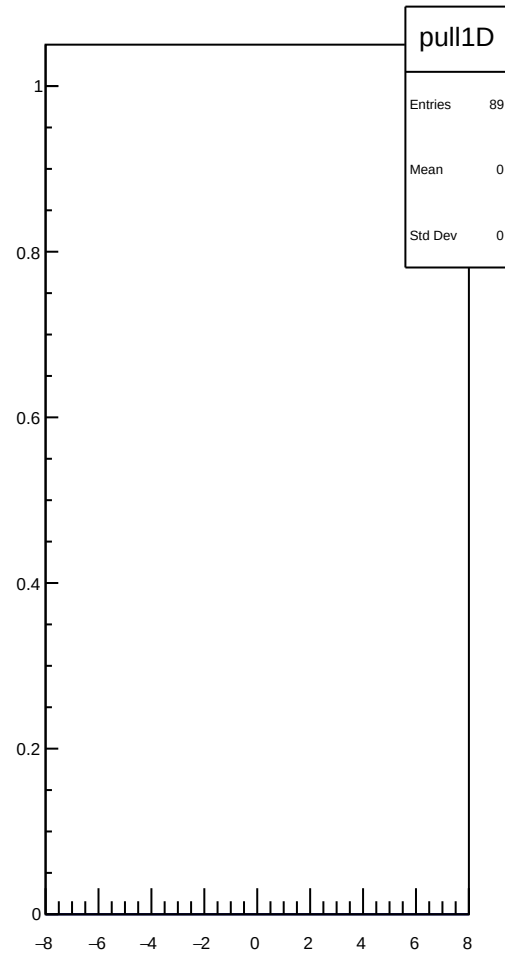
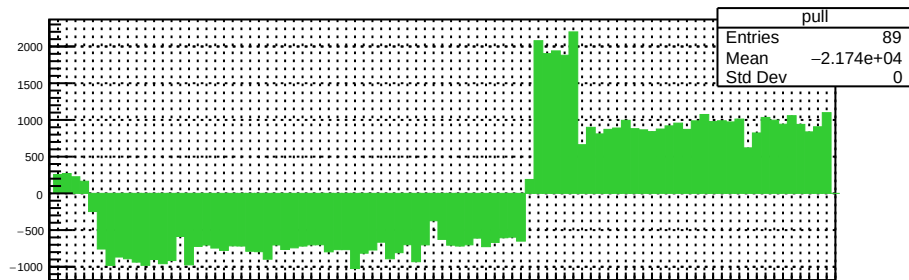
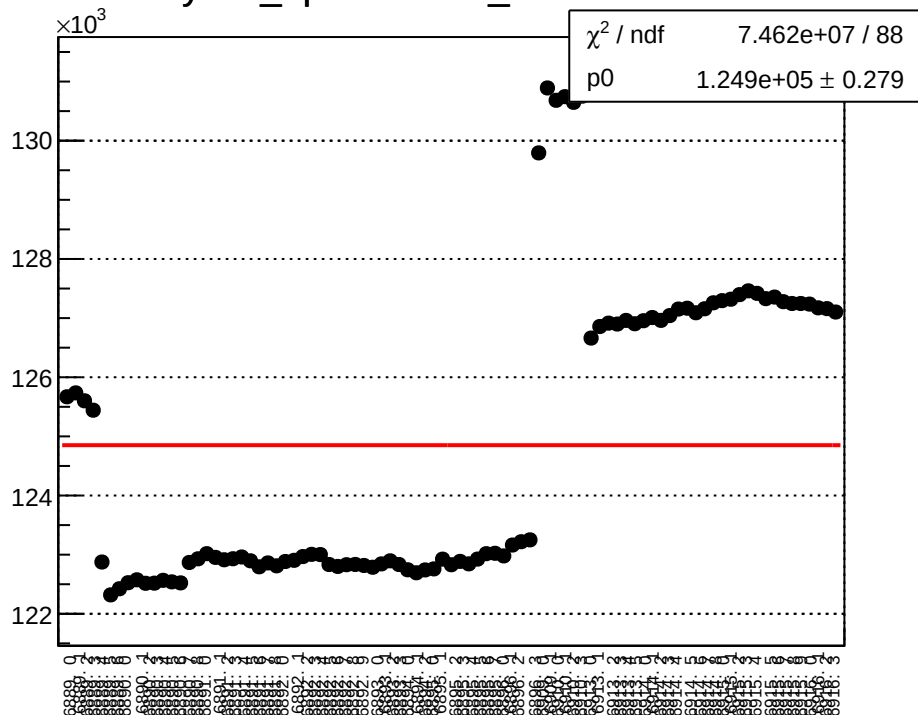
yield_bpm0l01WS_mean vs run



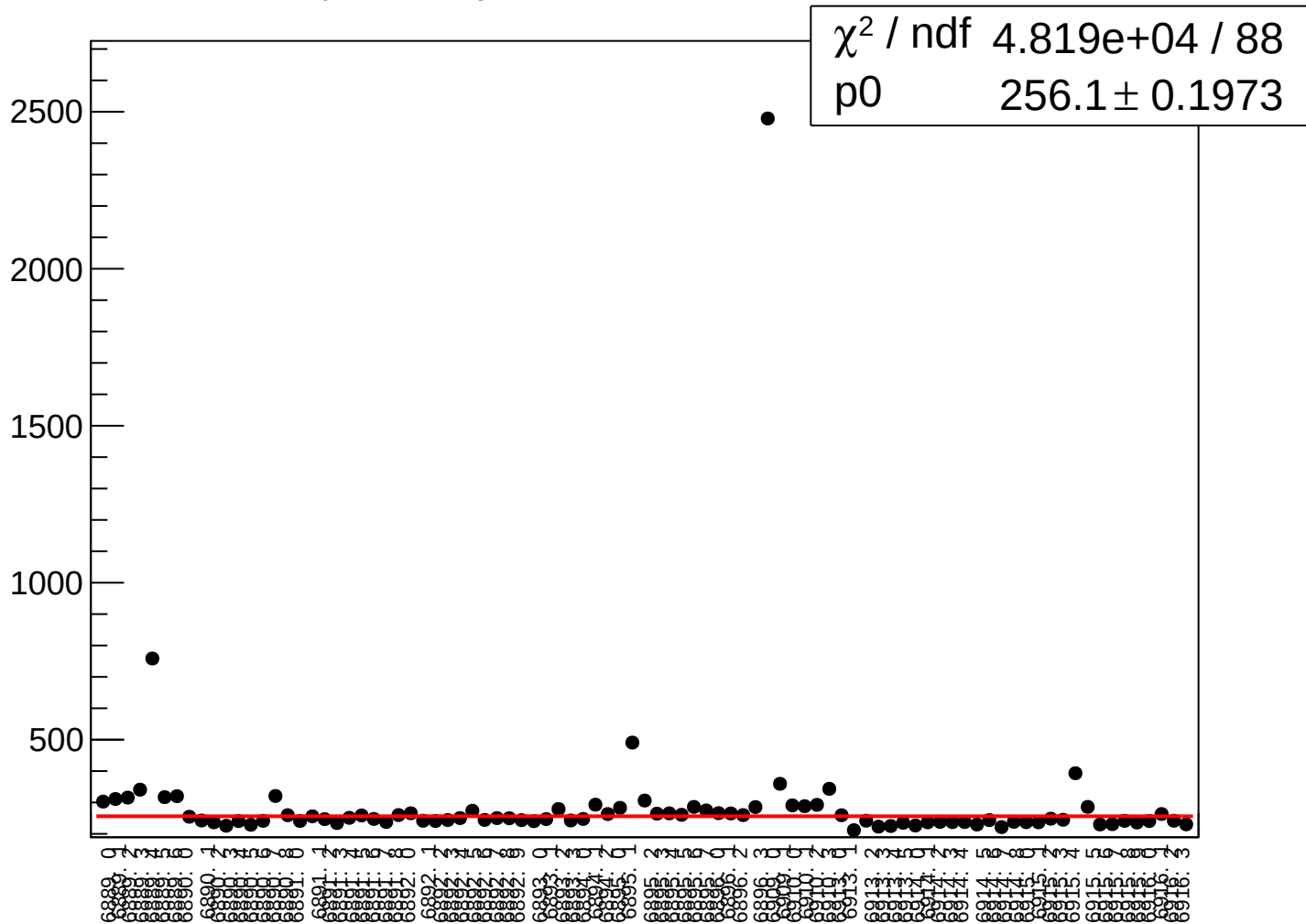
yield_bpm0l01WS_rms vs run



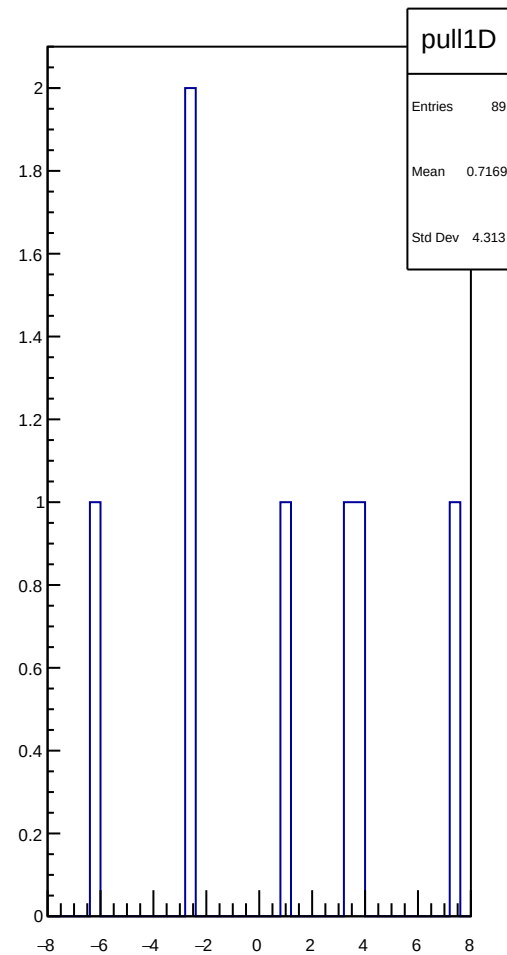
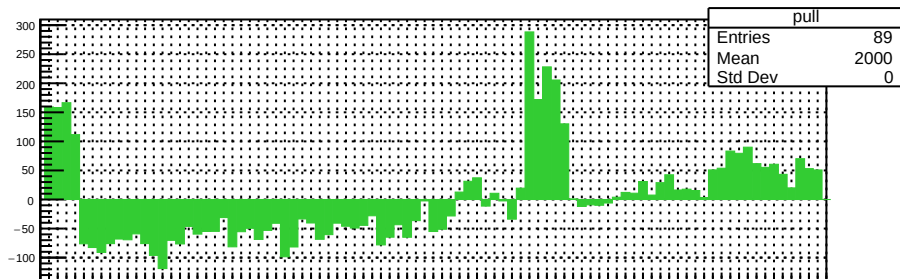
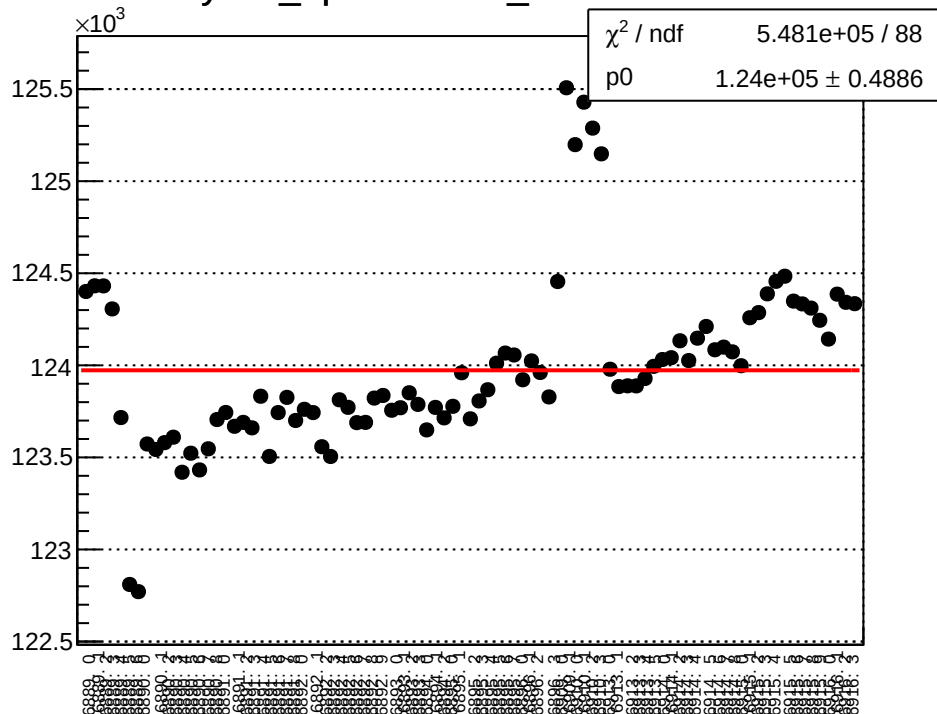
yield_bpm0l02WS_mean vs run



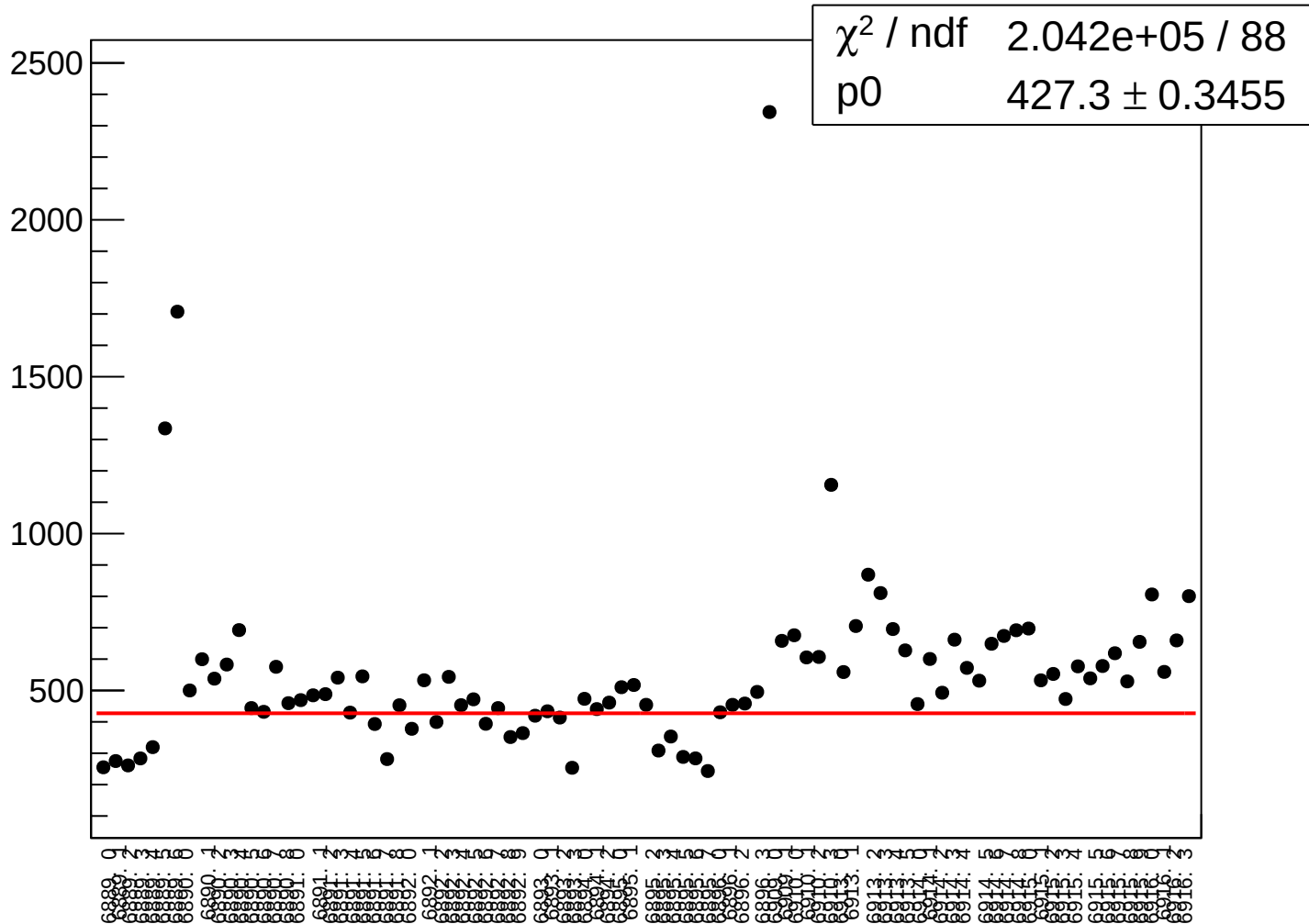
yield_bpm0l02WS_rms vs run



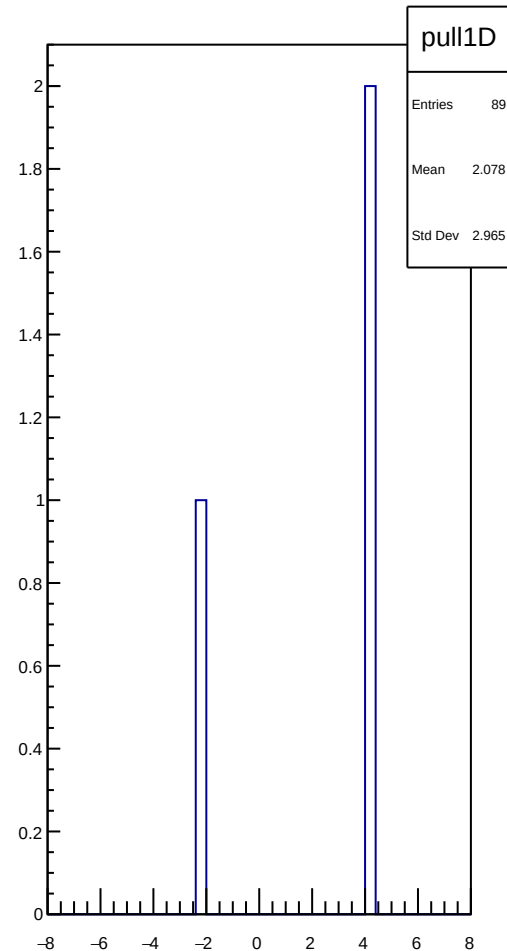
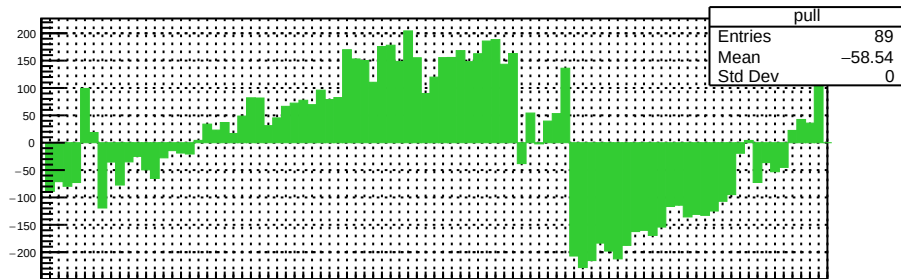
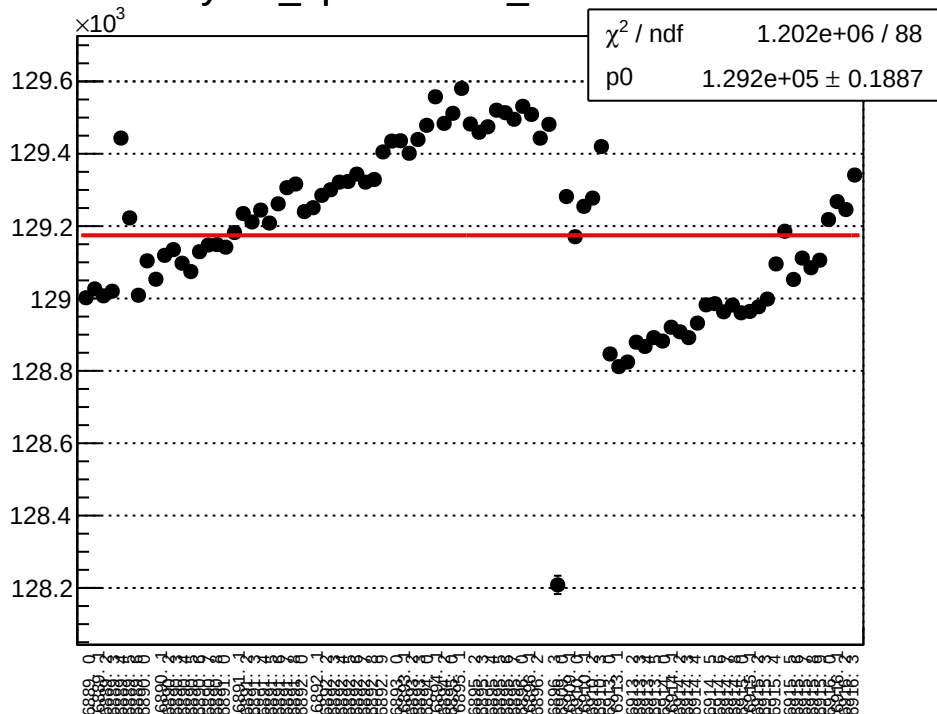
yield_bpm0103WS_mean vs run



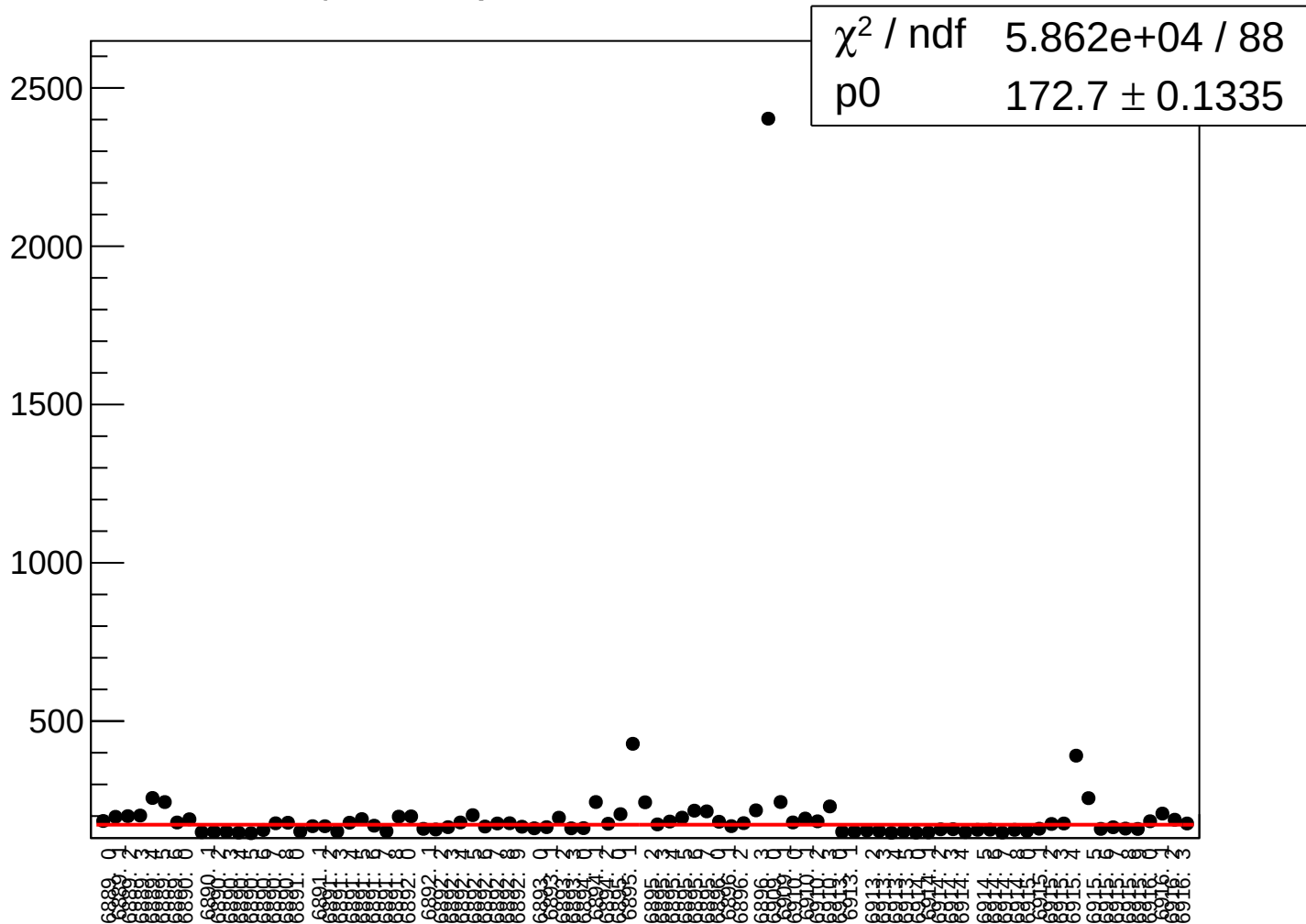
yield_bpm0l03WS_rms vs run



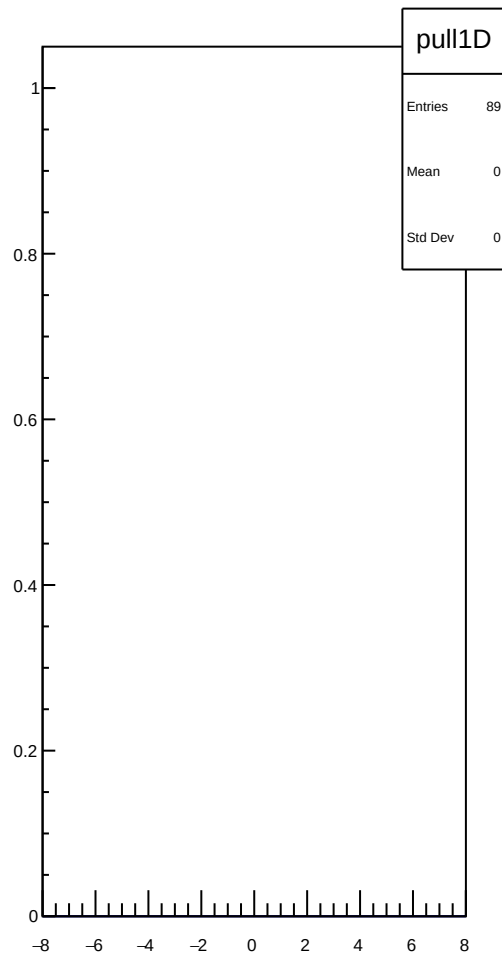
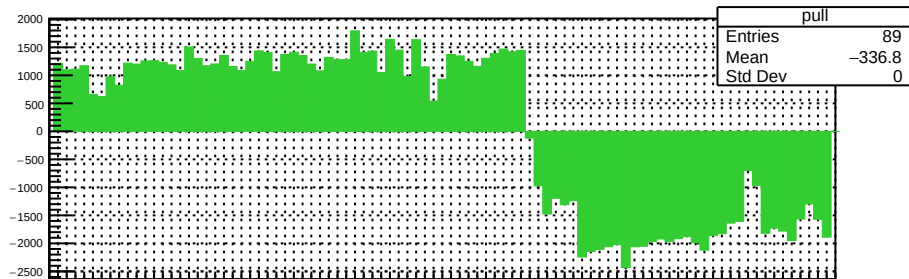
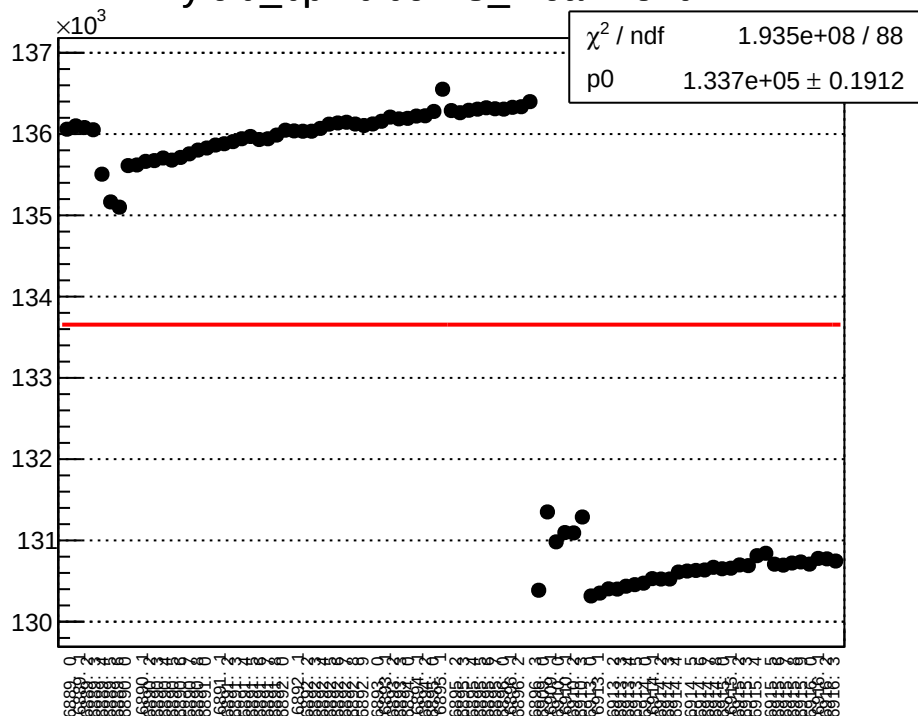
yield_bpm0l04WS_mean vs run



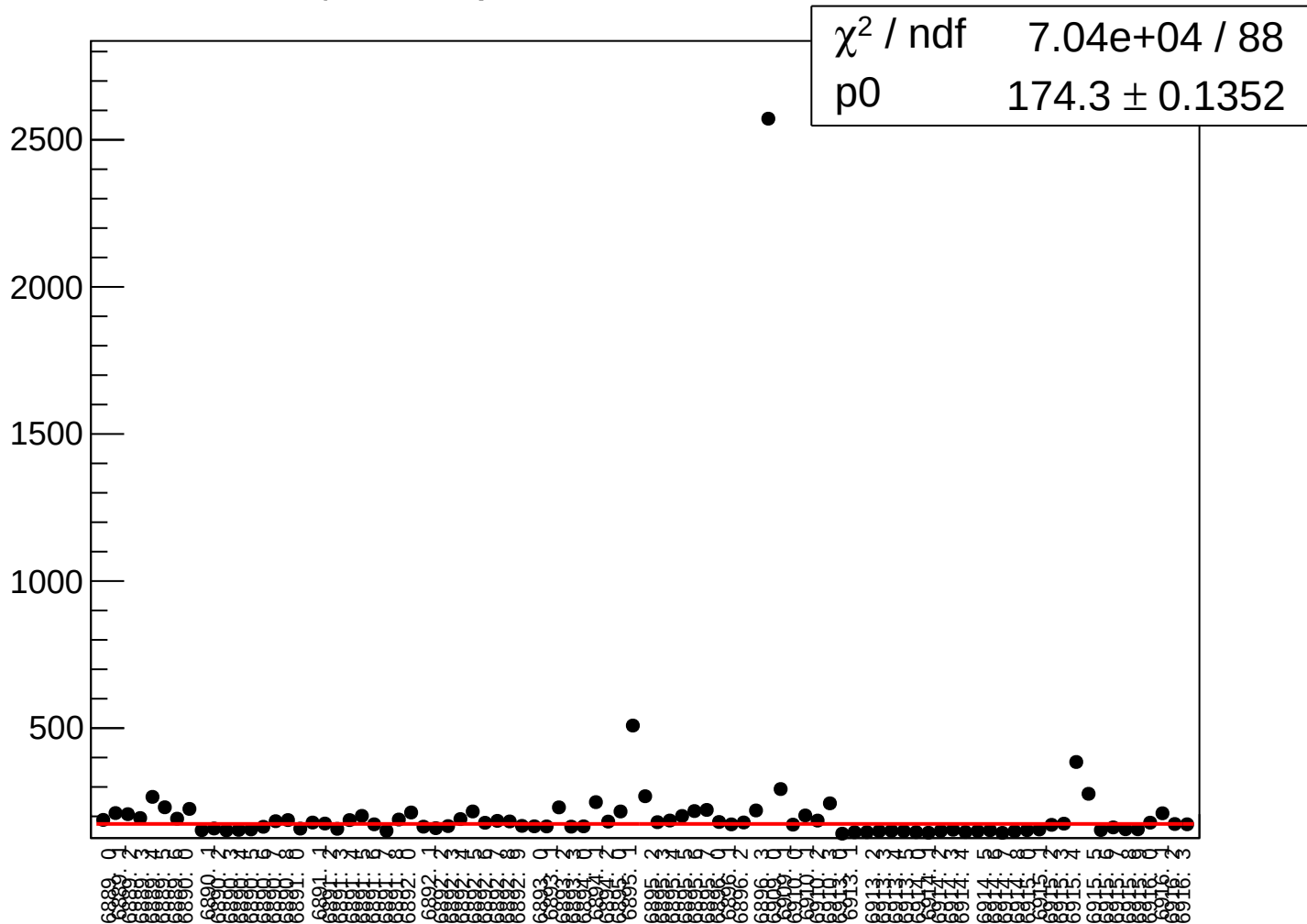
yield_bpm0l04WS_rms vs run



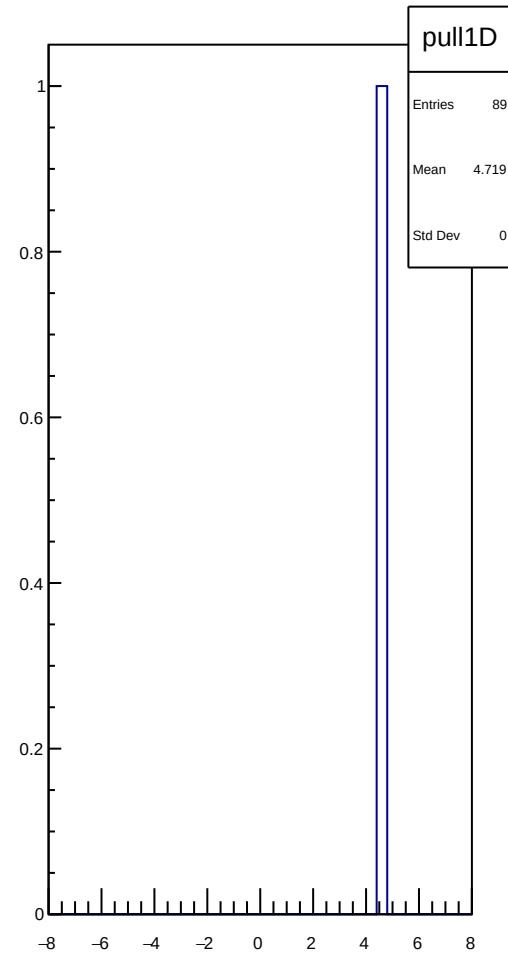
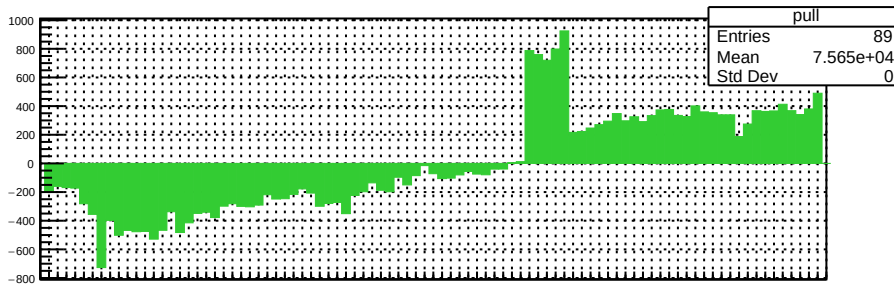
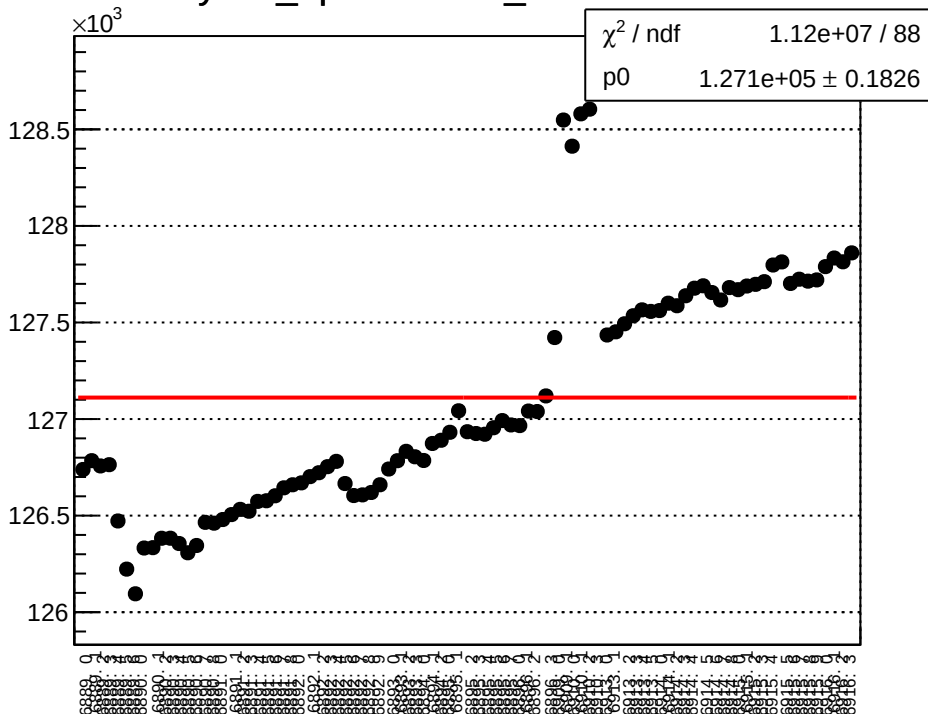
yield_bpm0105WS_mean vs run



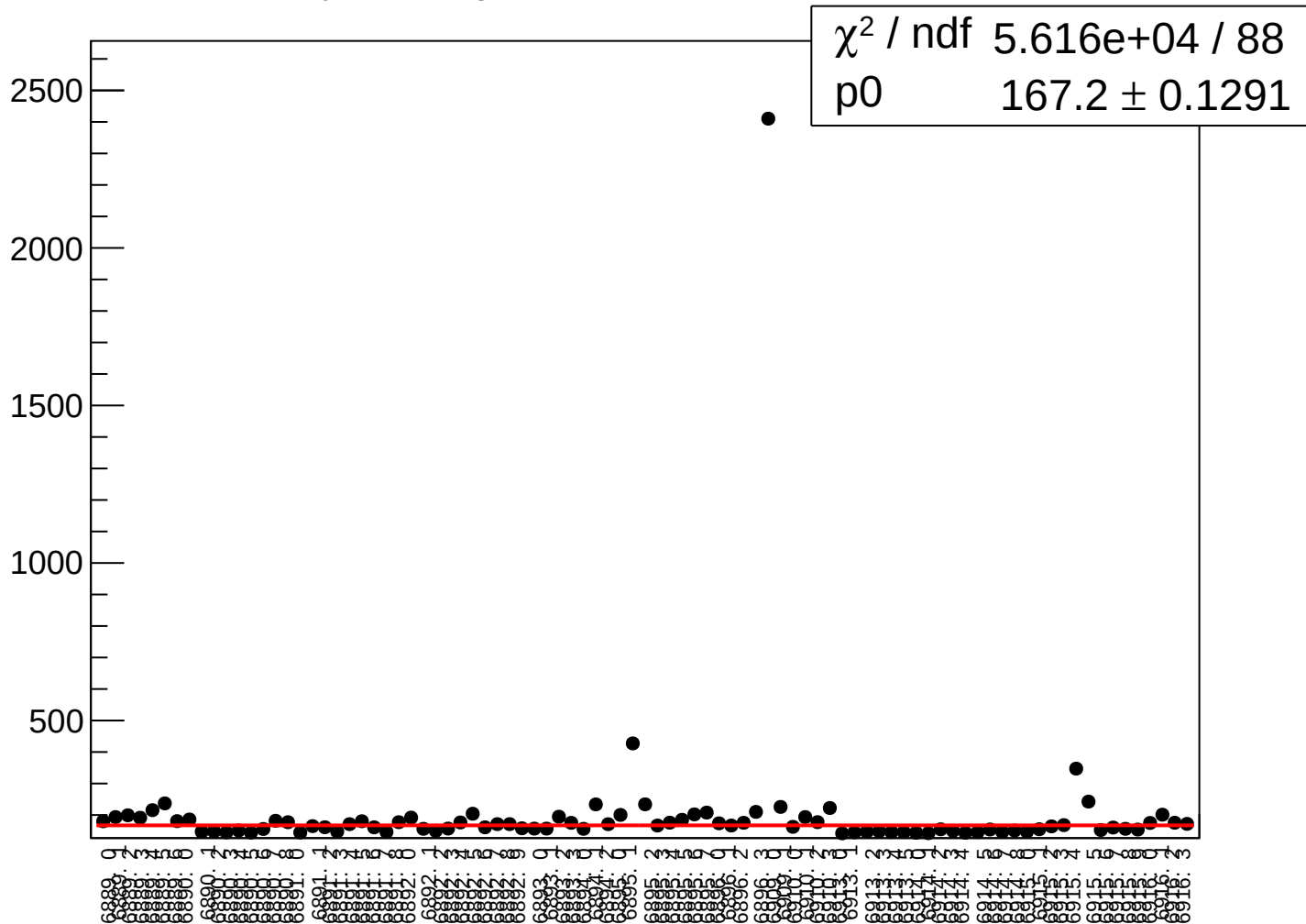
yield_bpm0l05WS_rms vs run



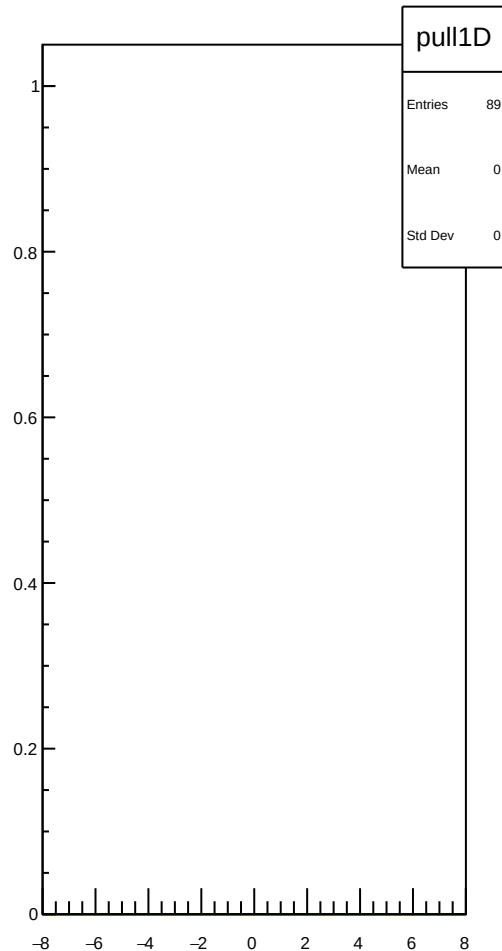
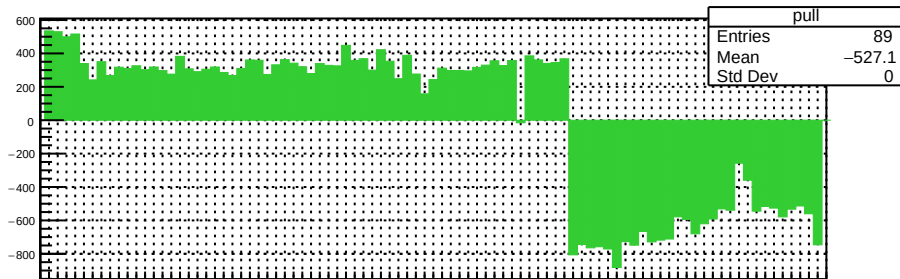
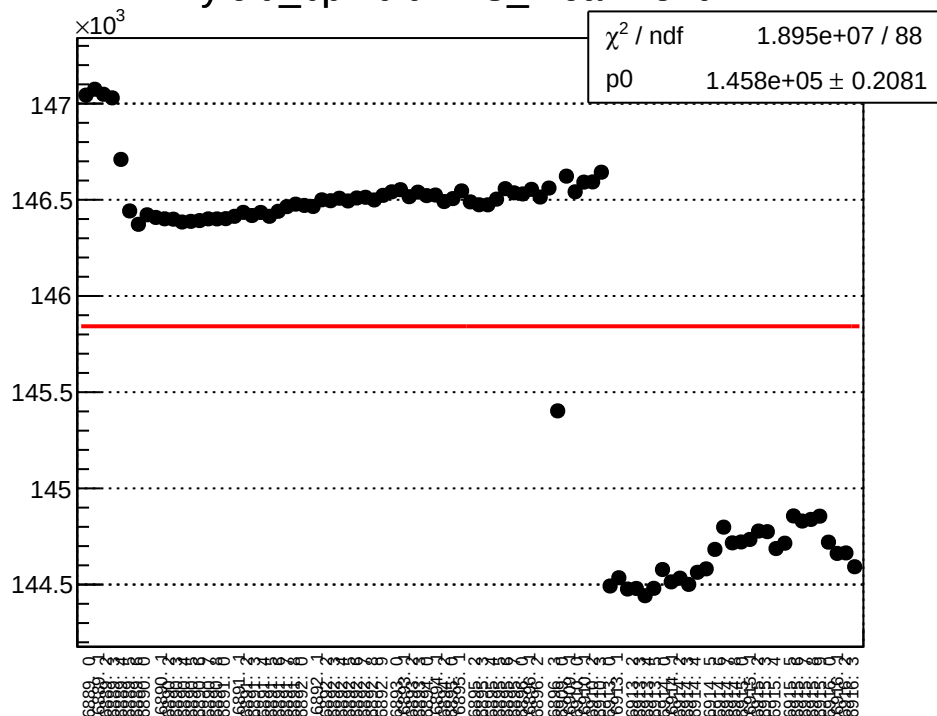
yield_bpm0l06WS_mean vs run



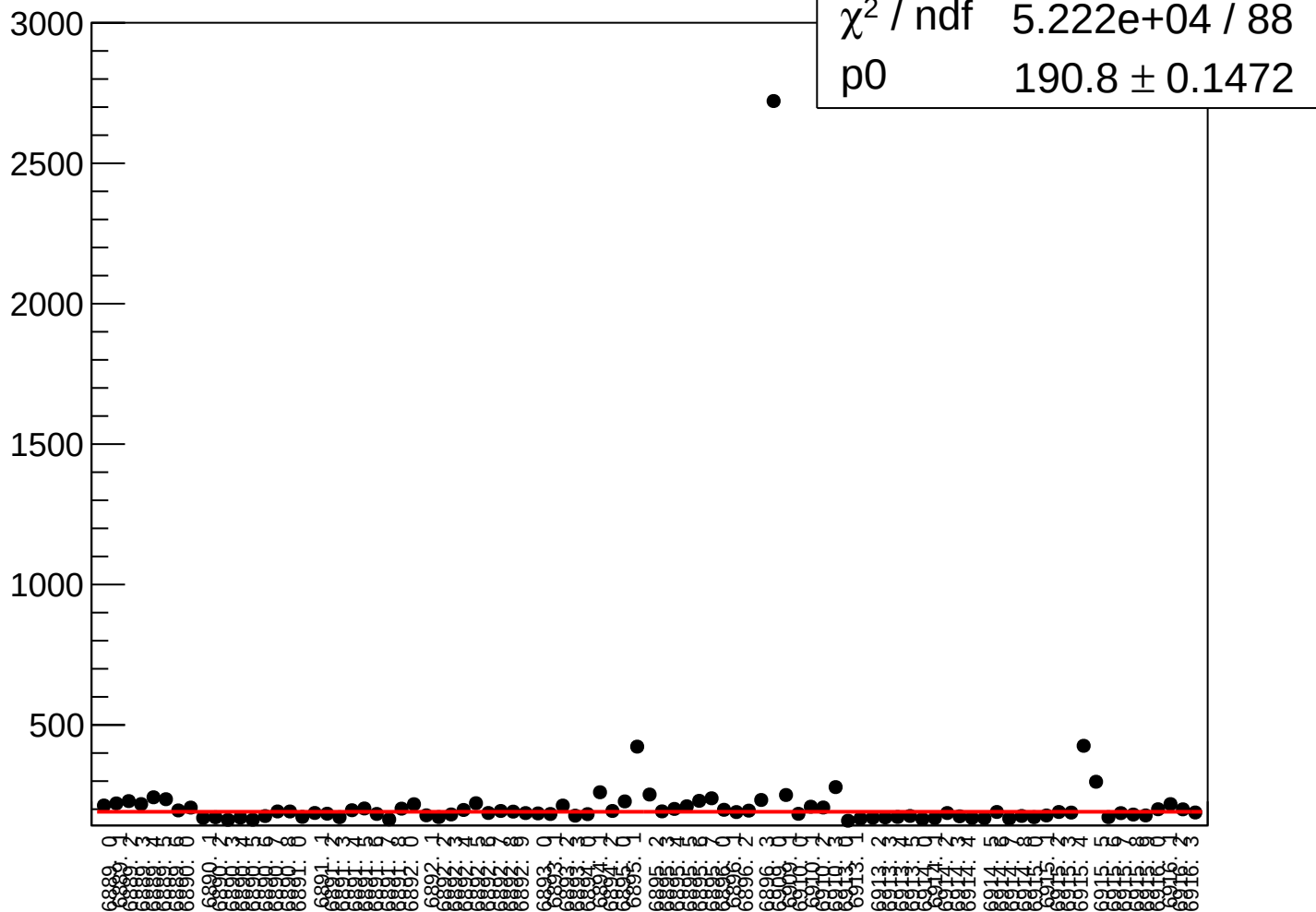
yield_bpm0l06WS_rms vs run



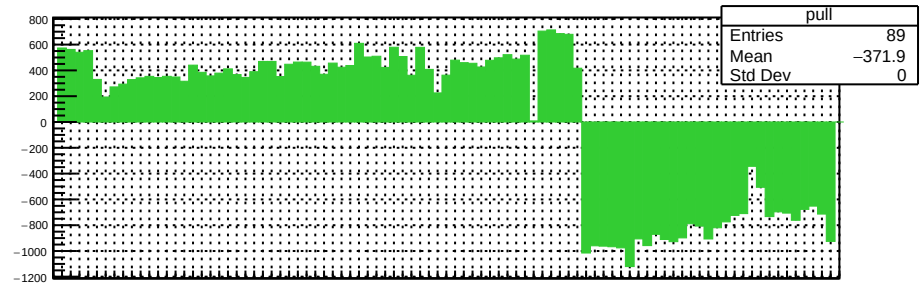
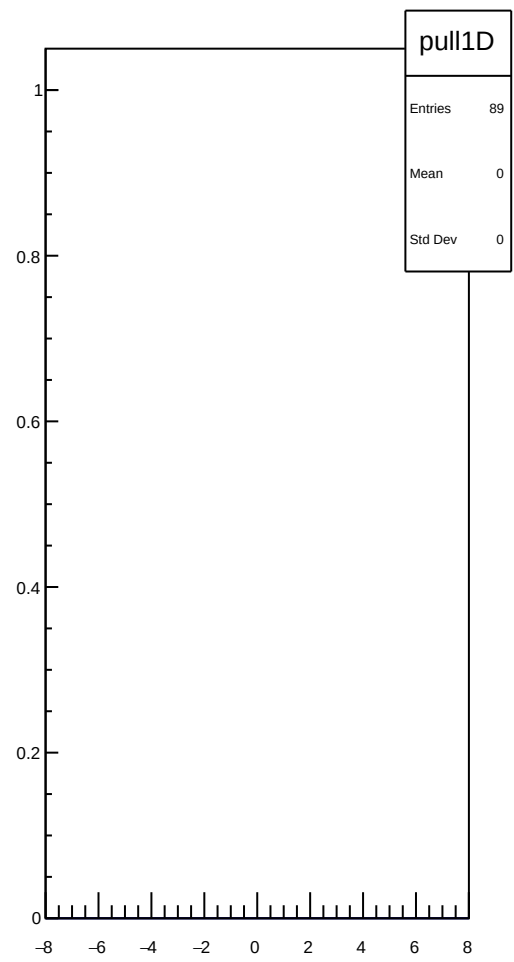
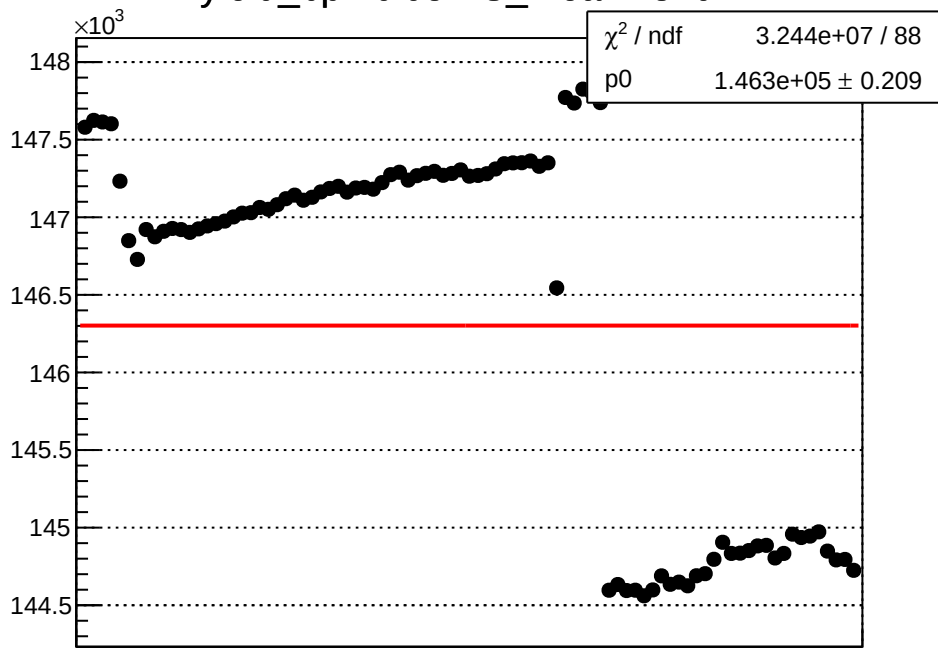
yield_bpm0l07WS_mean vs run



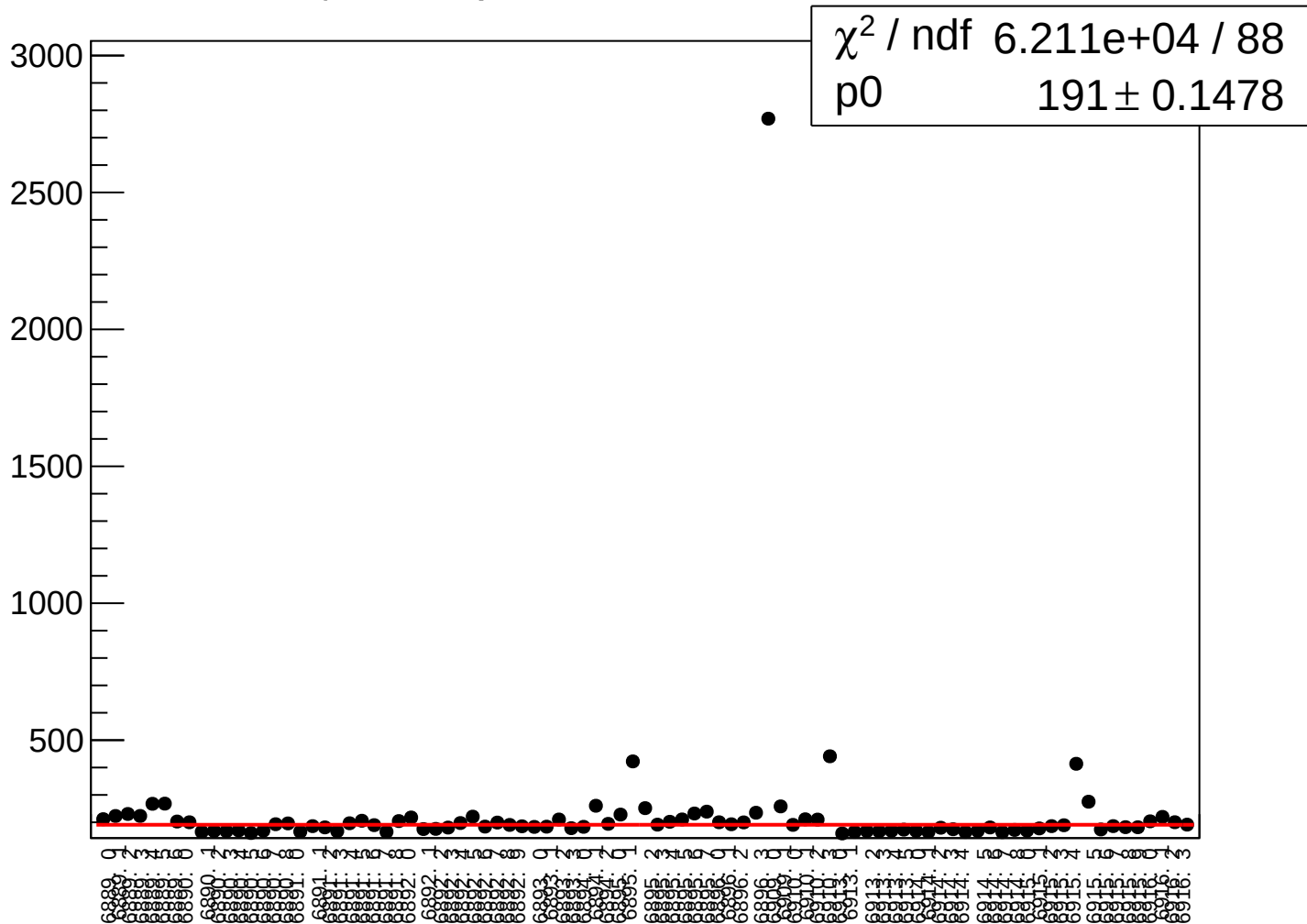
yield_bpm0l07WS_rms vs run



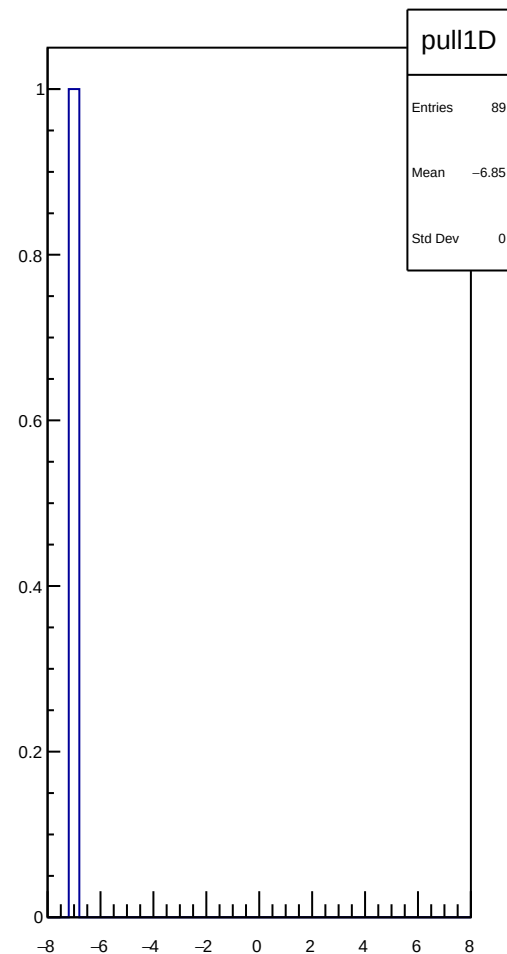
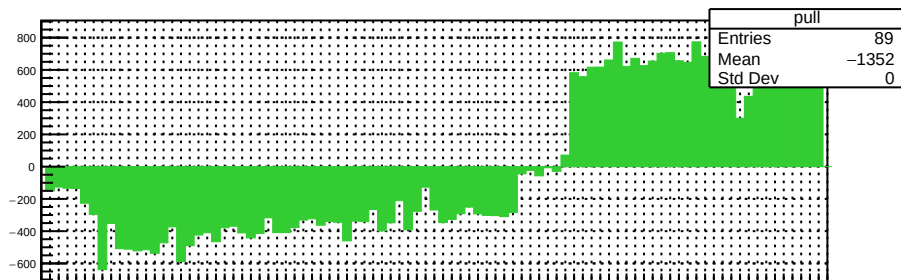
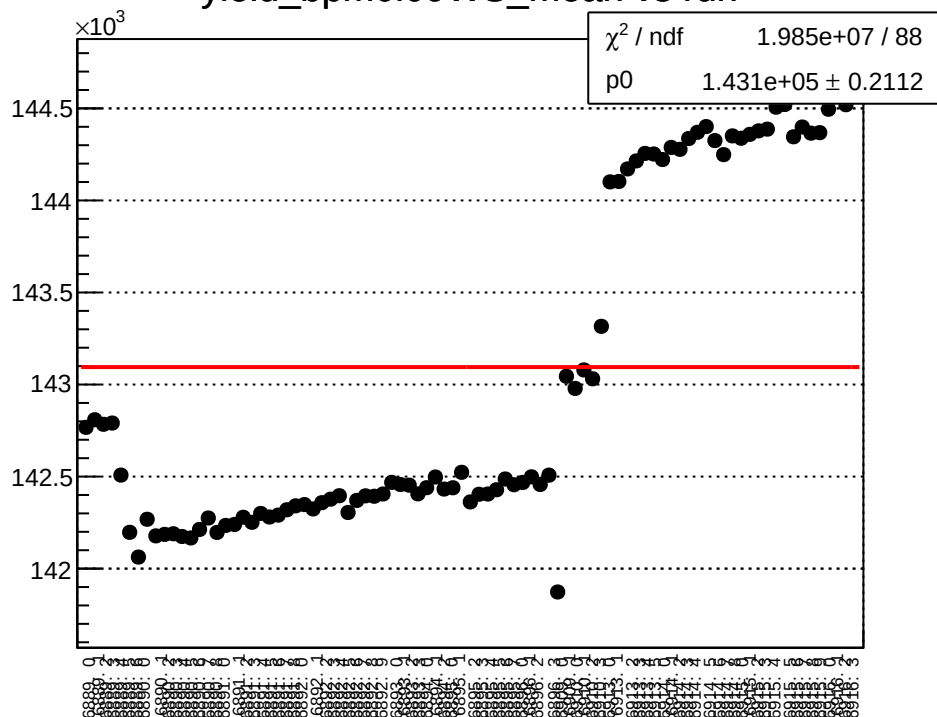
yield_bpm0l08WS_mean vs run



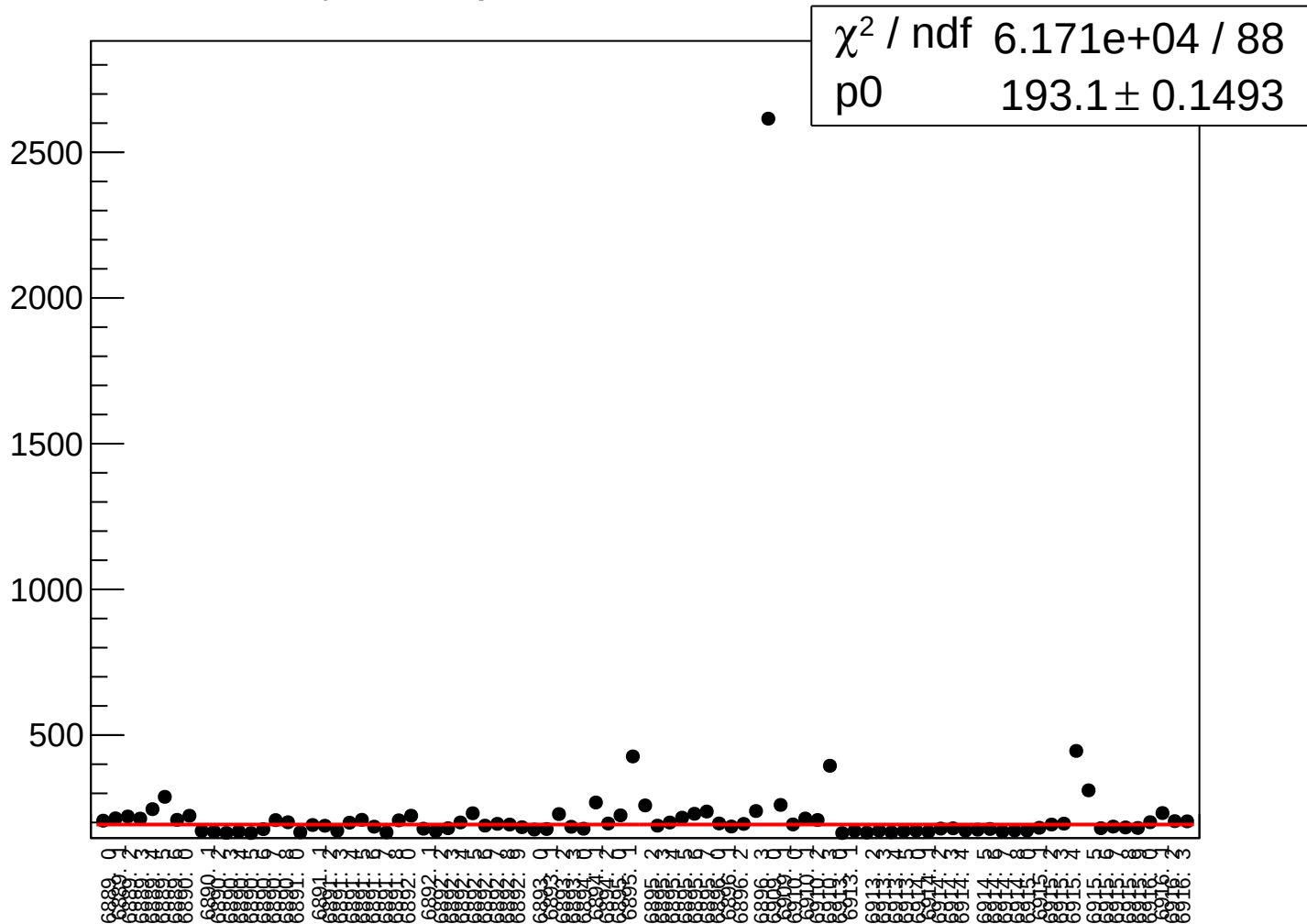
yield_bpm0l08WS_rms vs run



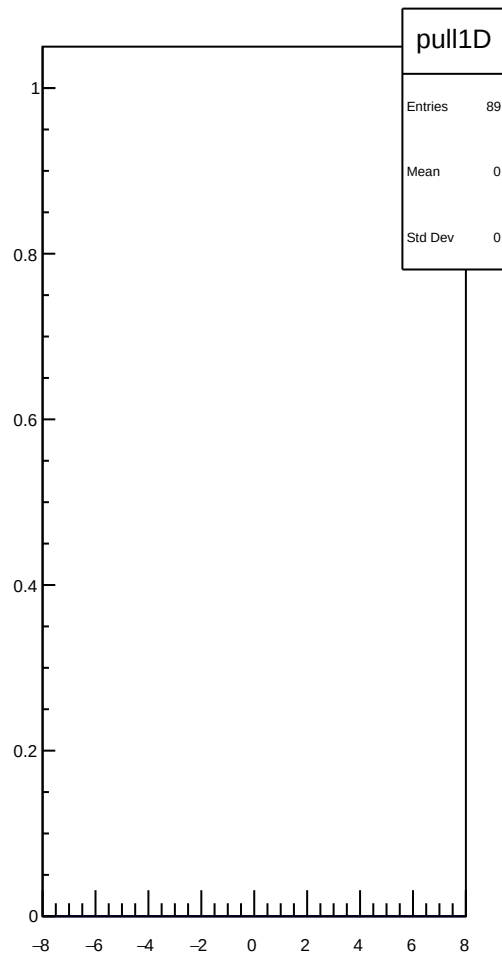
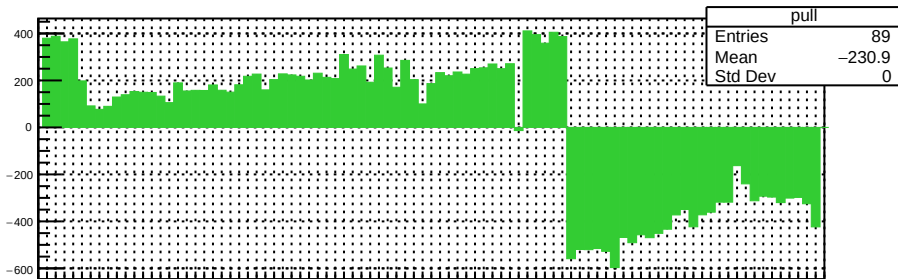
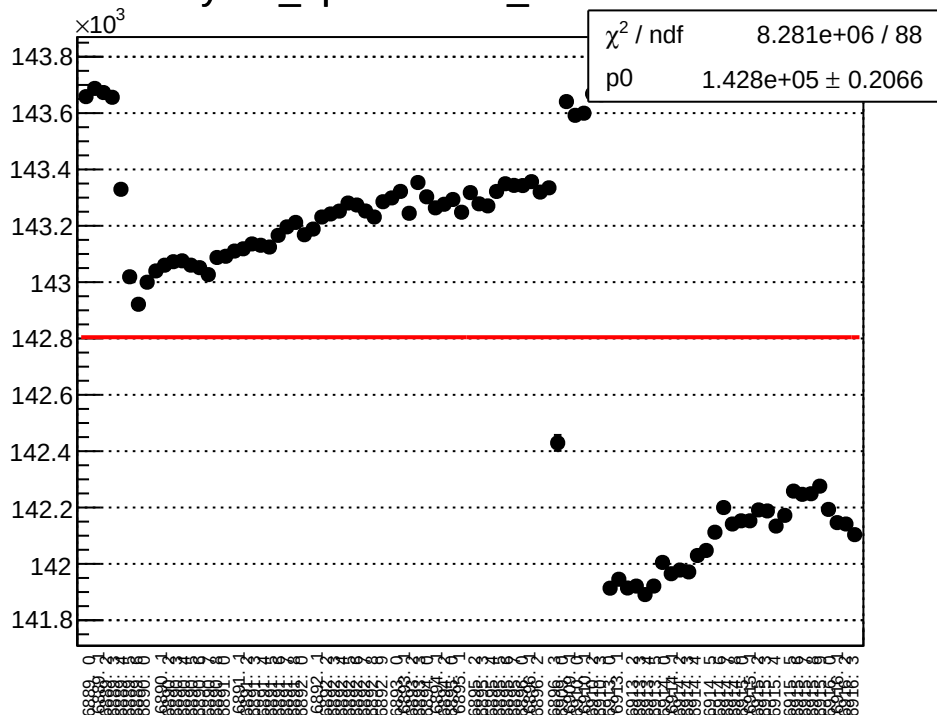
yield_bpm0109WS_mean vs run



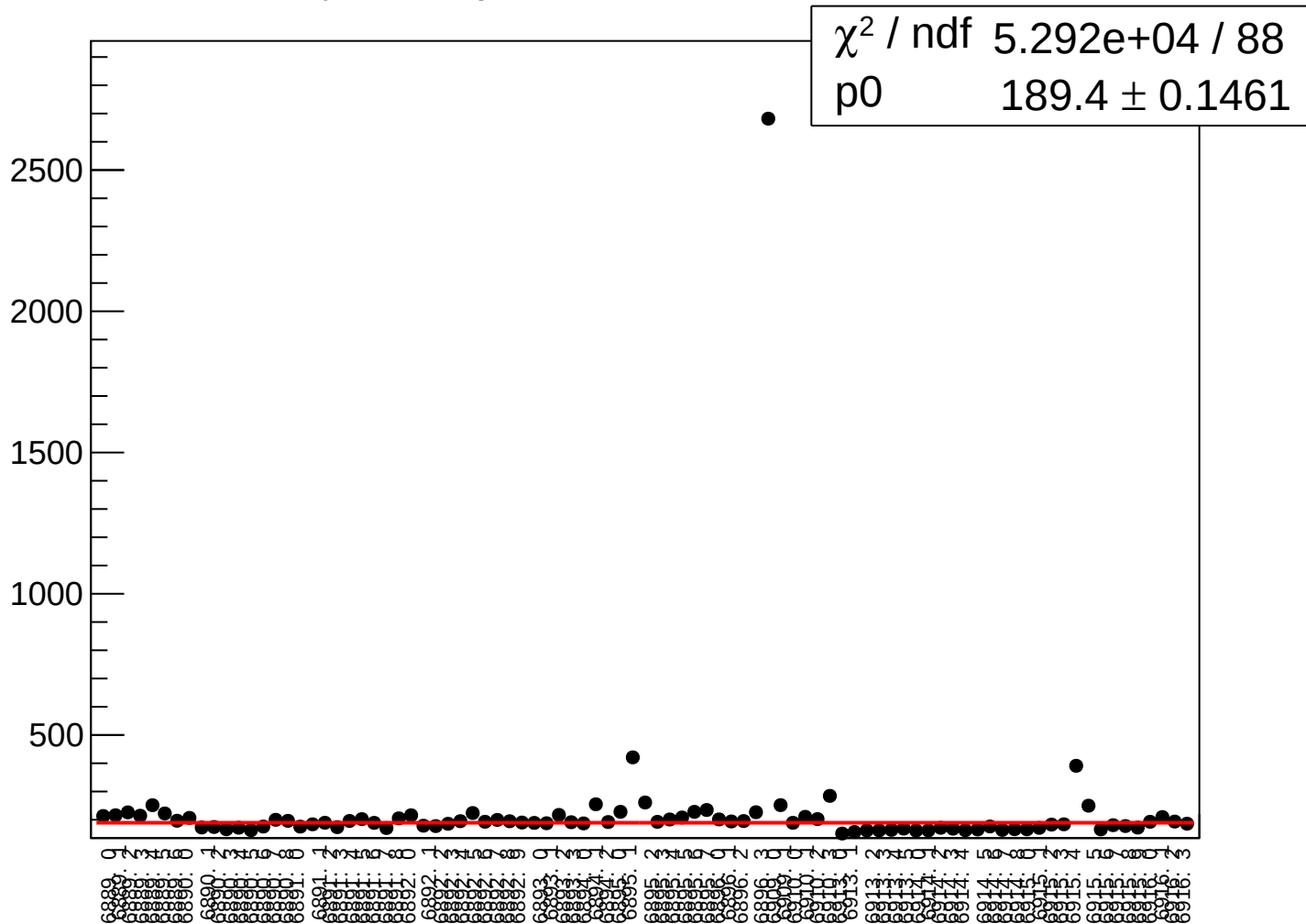
yield_bpm0l09WS_rms vs run



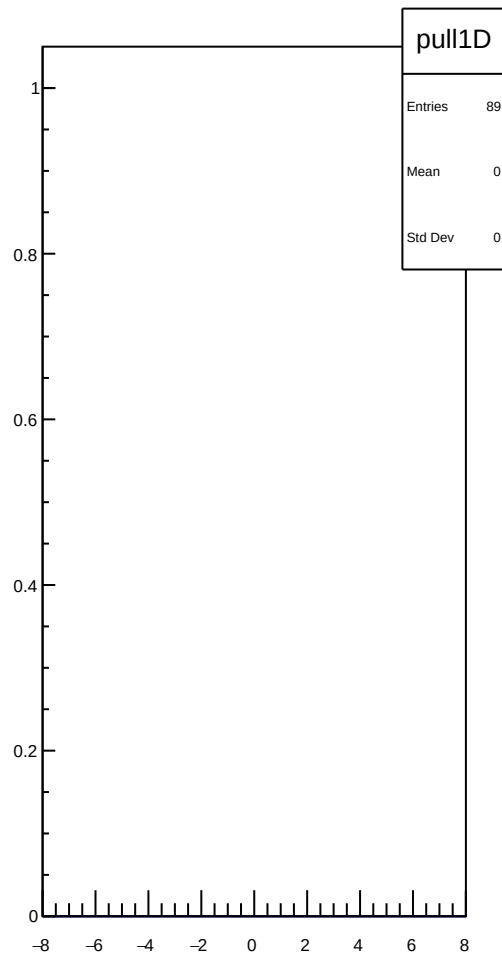
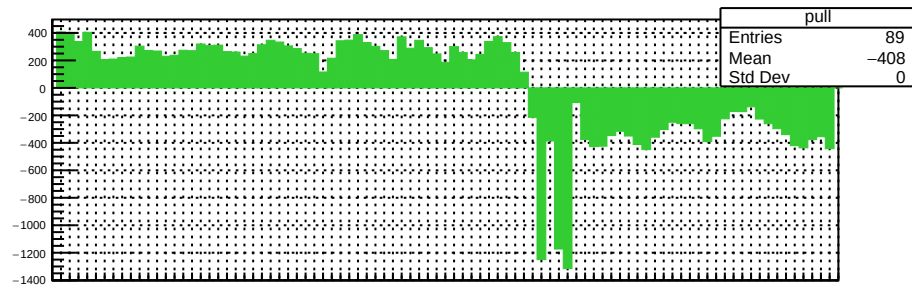
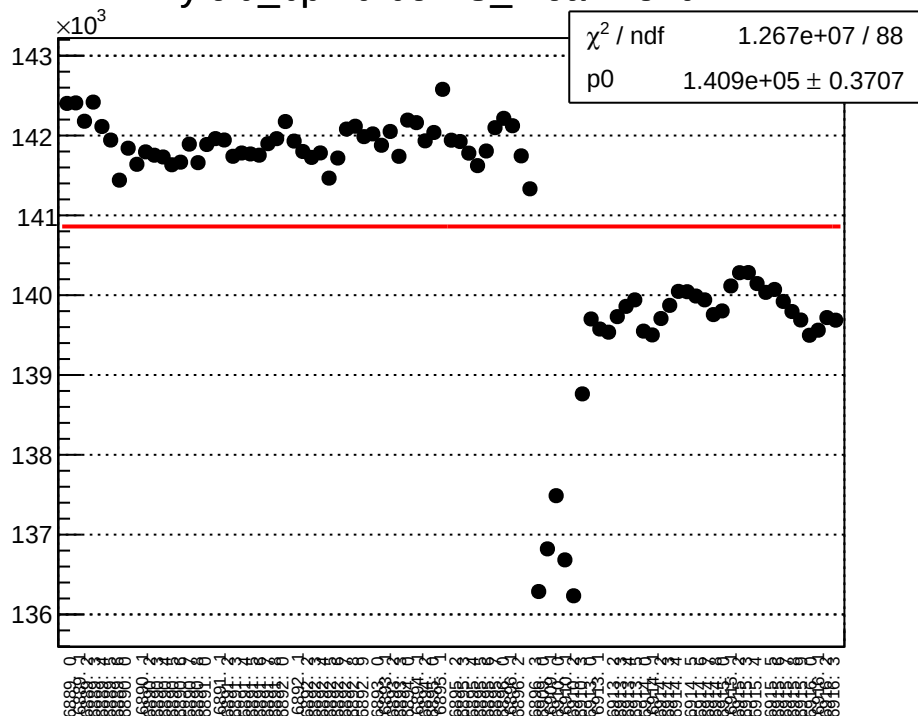
yield_bpm0l10WS_mean vs run



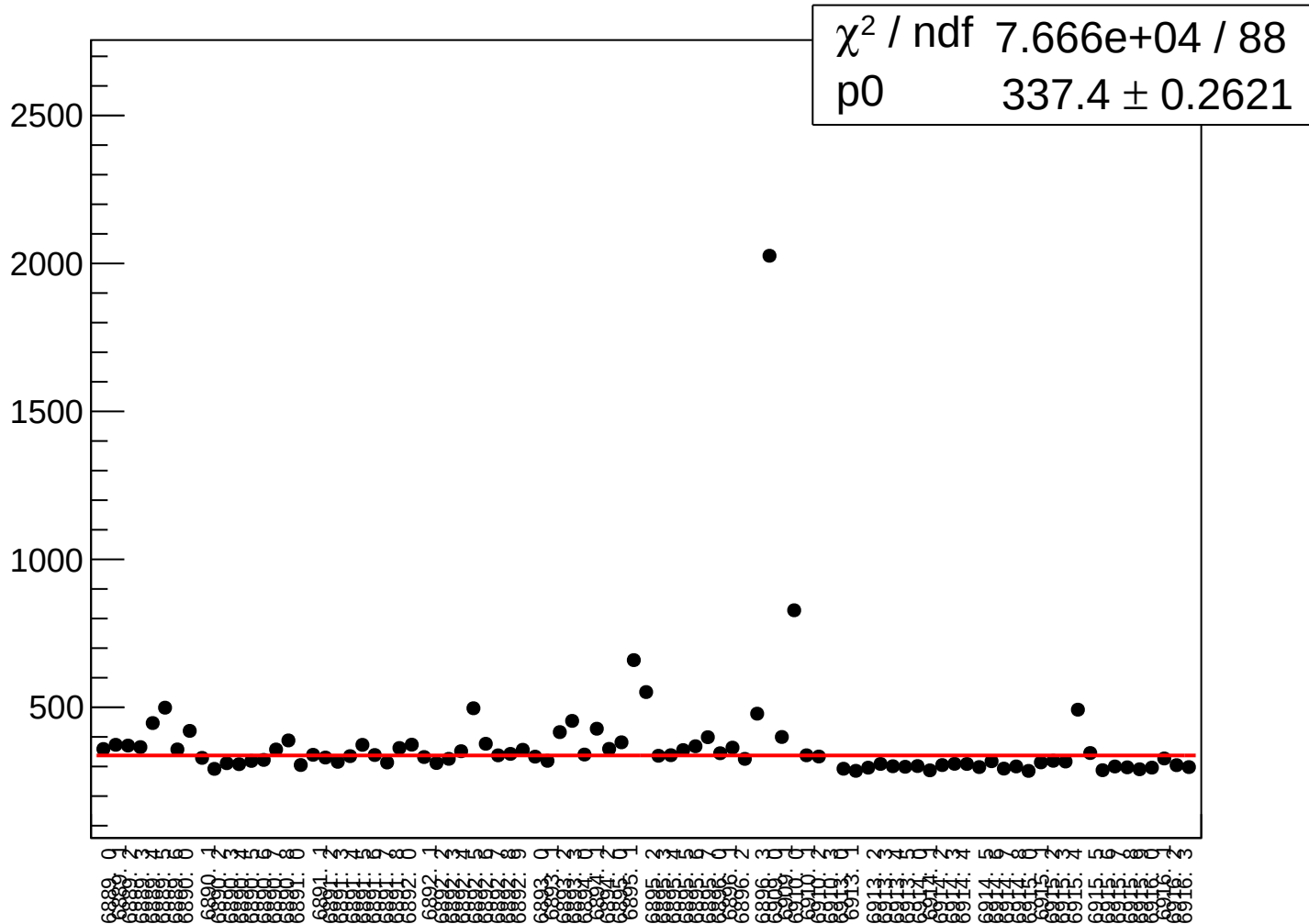
yield_bpm0l10WS_rms vs run



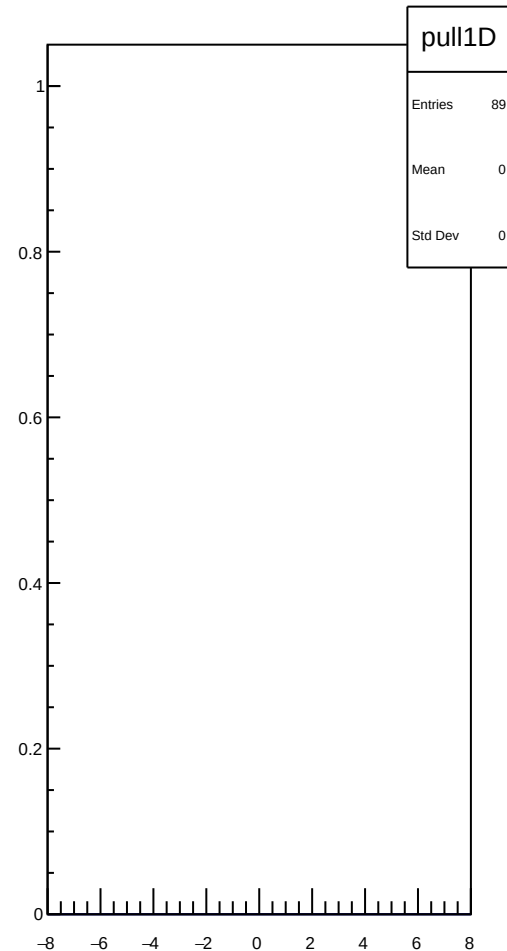
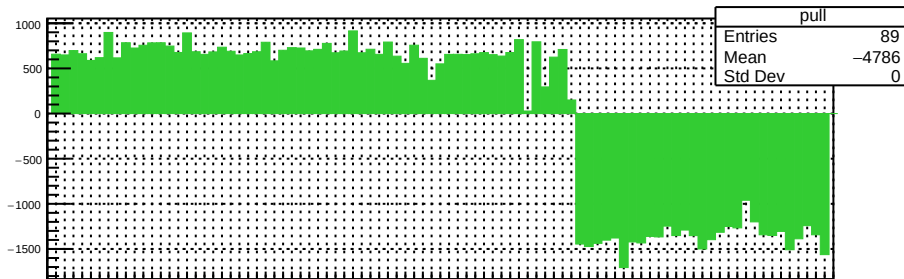
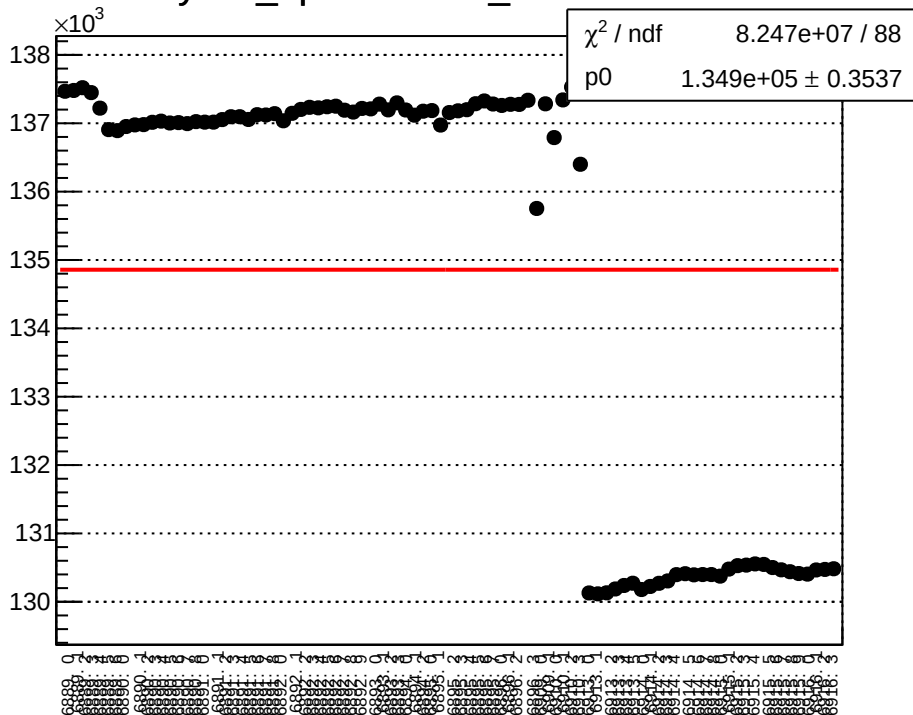
yield_bpm0r03WS_mean vs run



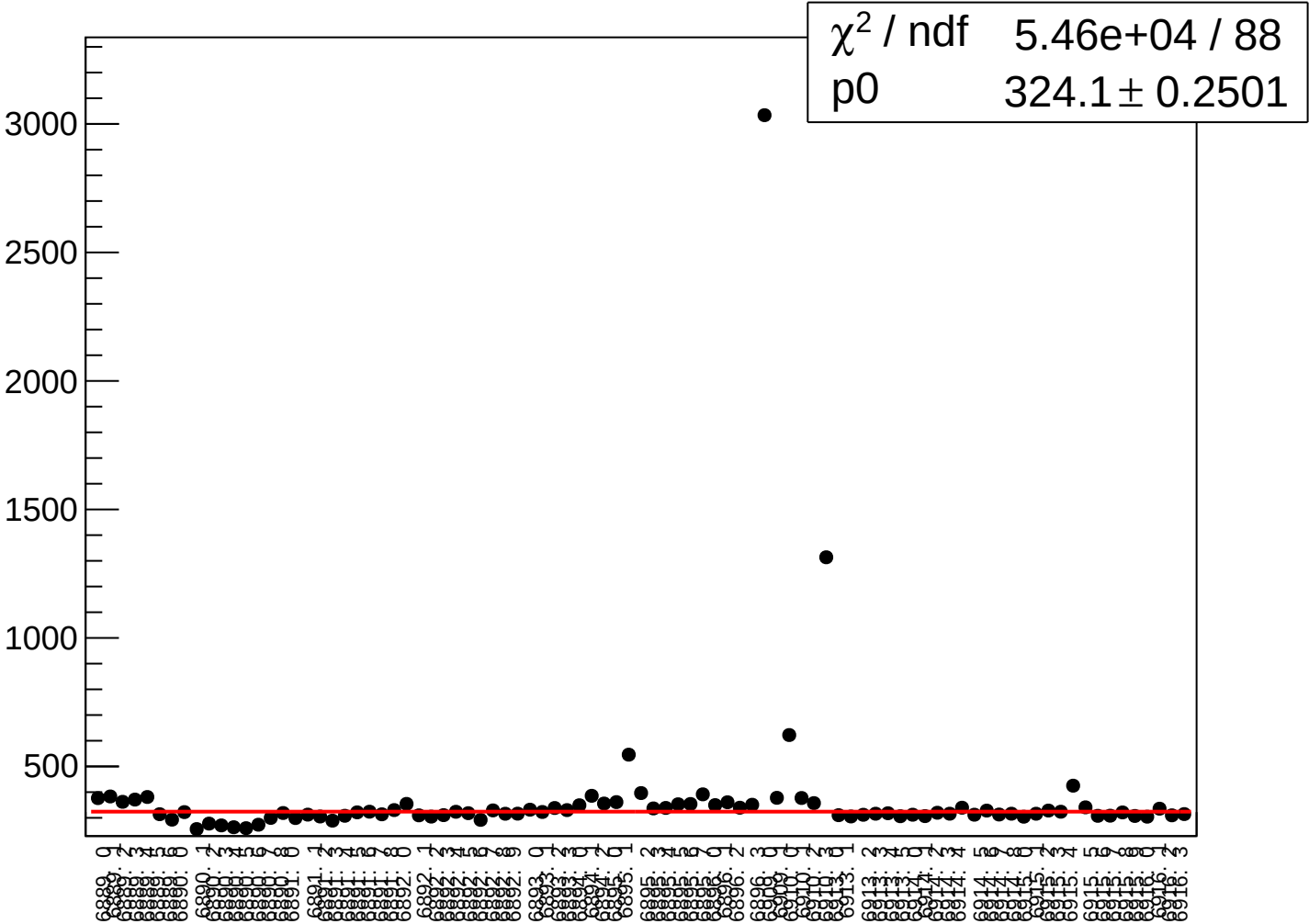
yield_bpm0r03WS_rms vs run



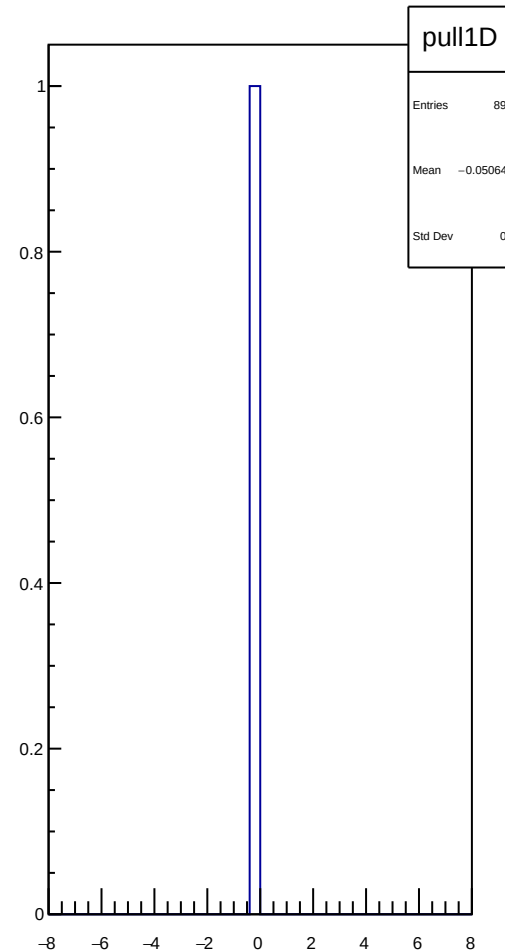
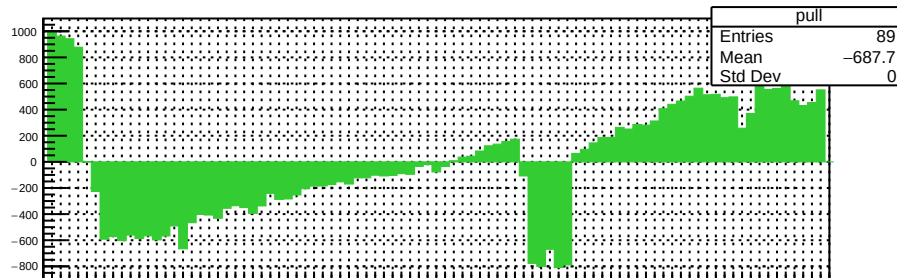
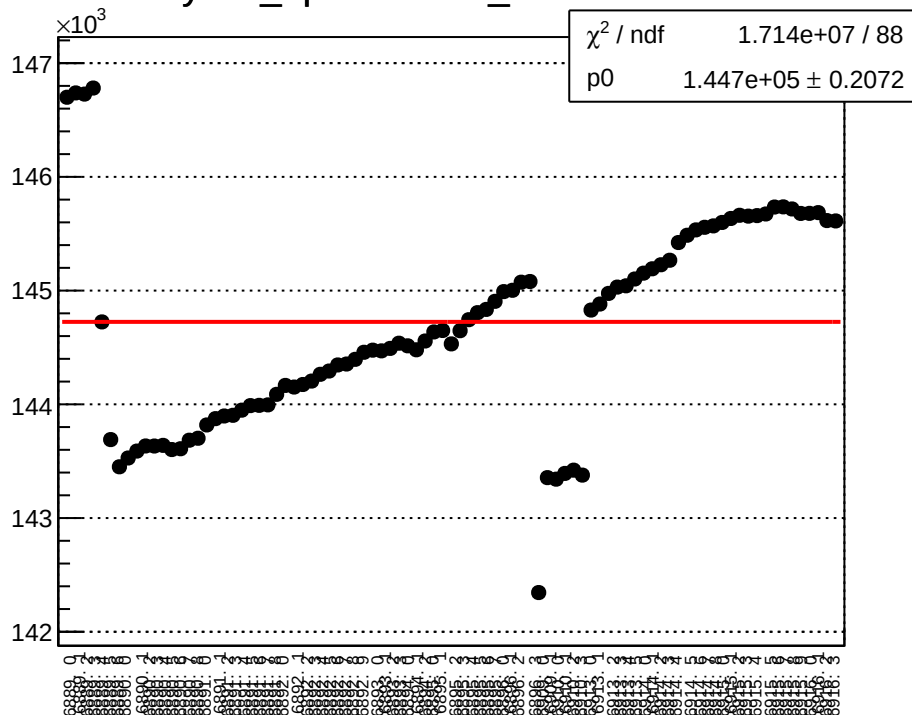
yield_bpm0r05WS_mean vs run



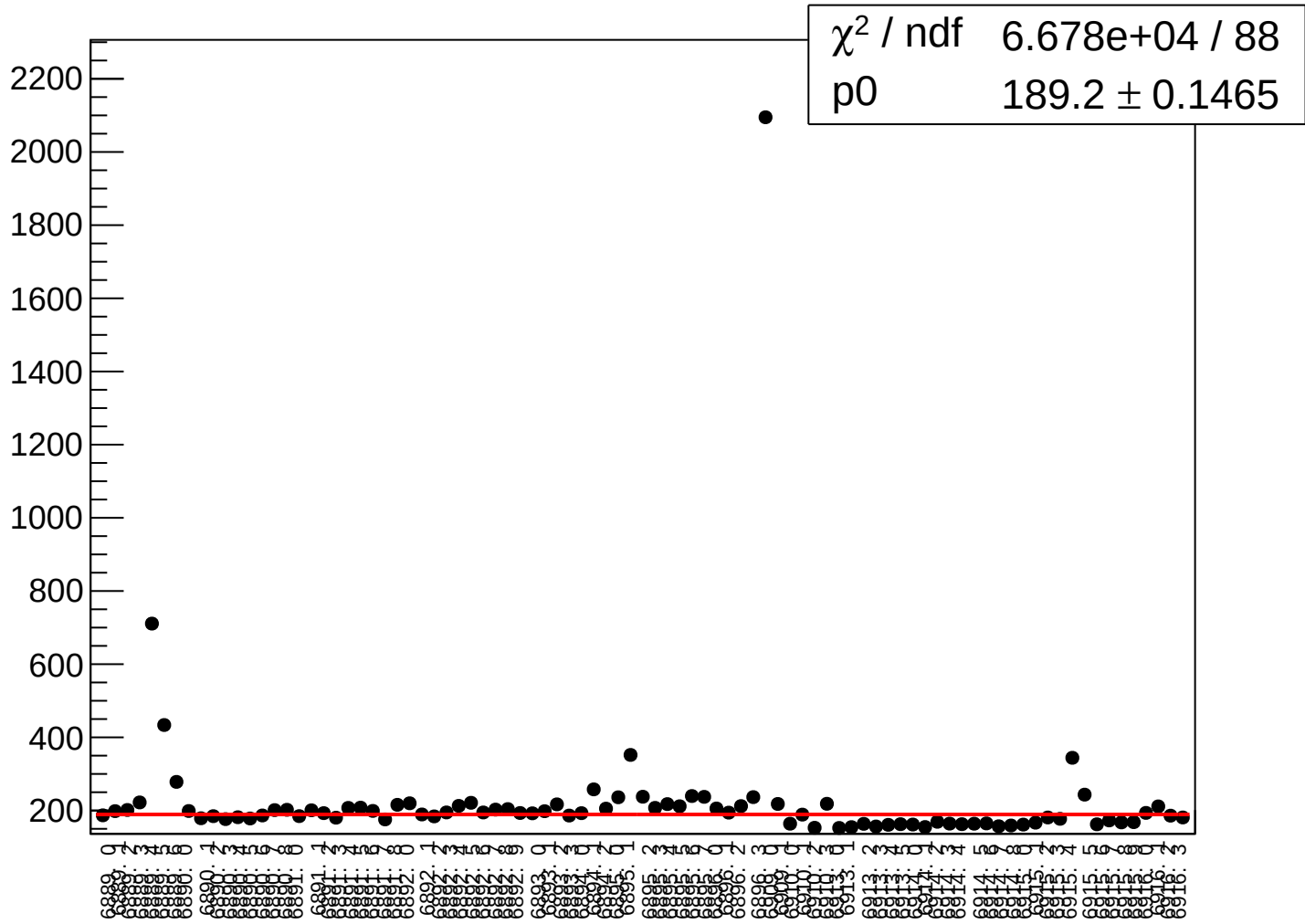
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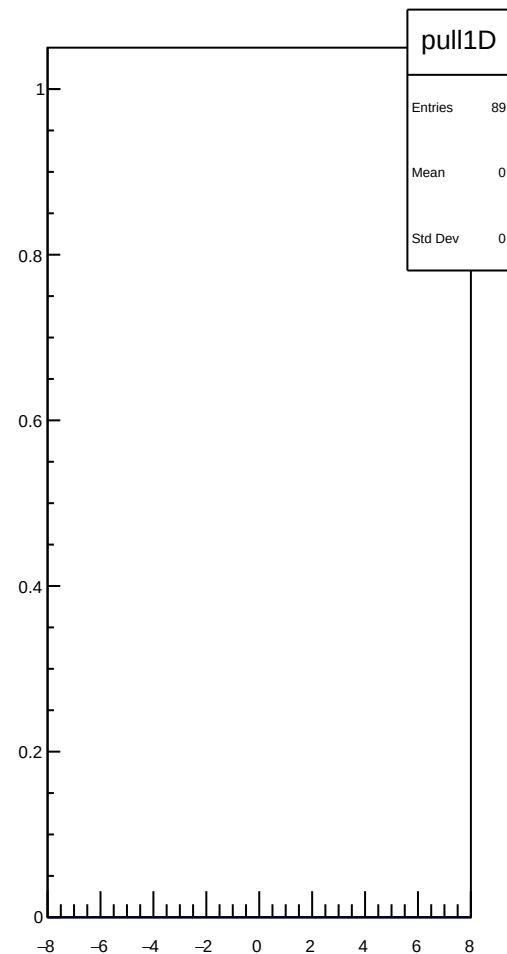
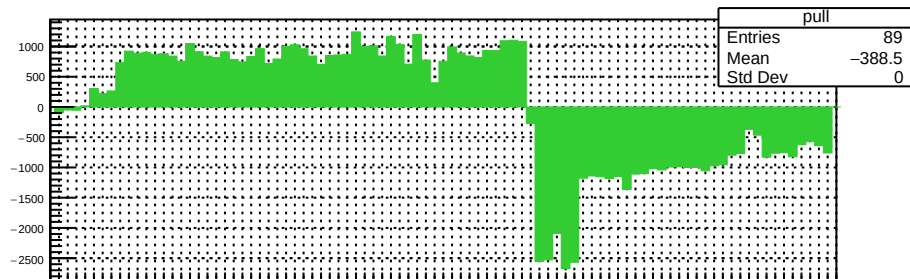
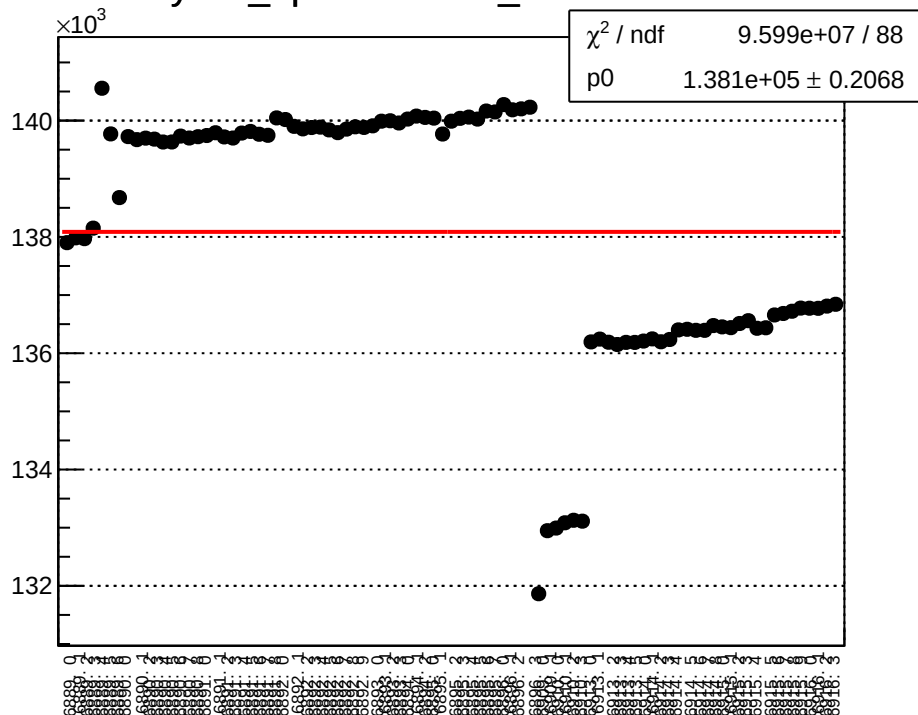
yield_bpm0i02WS_mean vs run



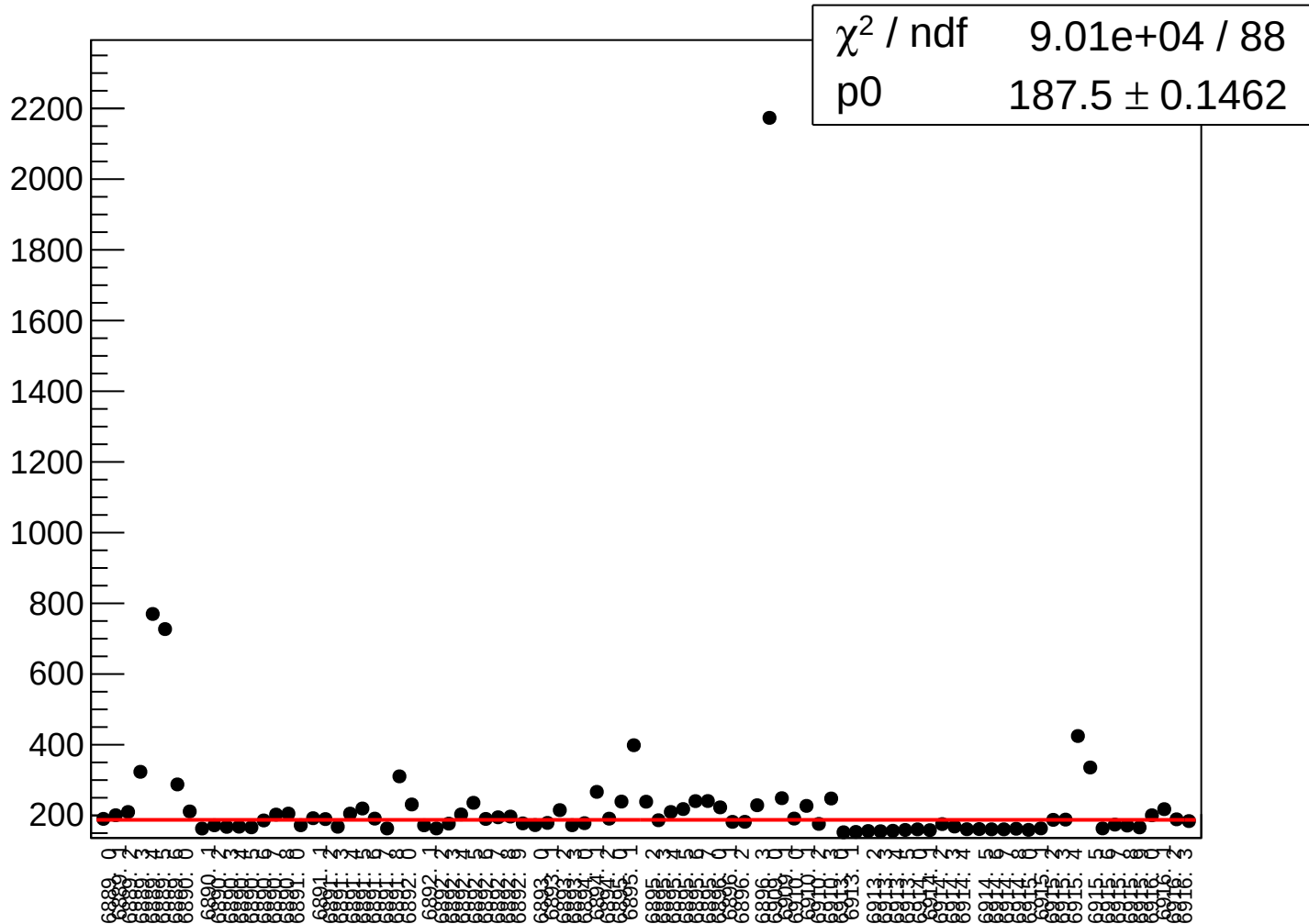
yield_bpm0i02WS_rms vs run



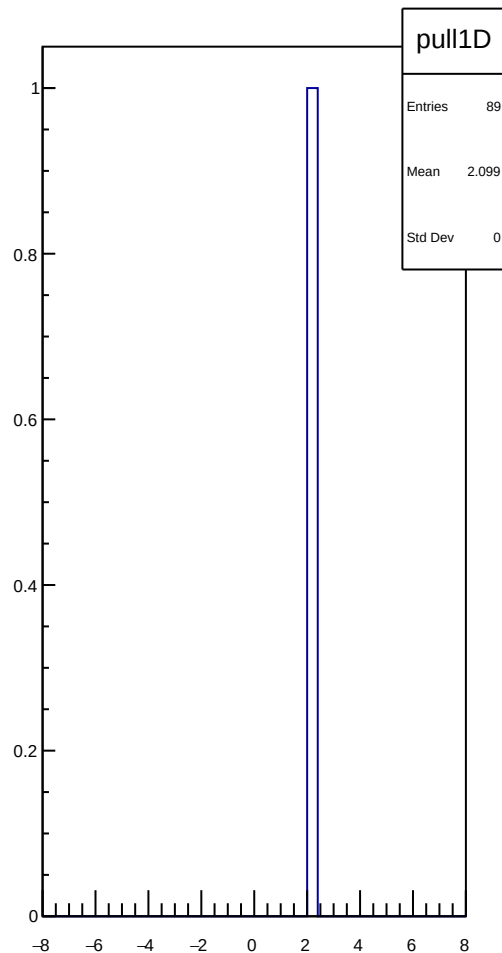
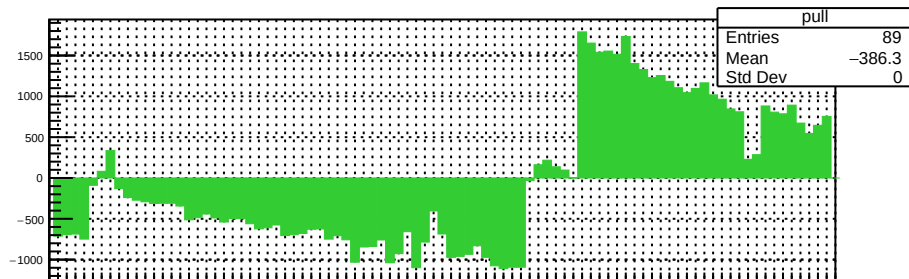
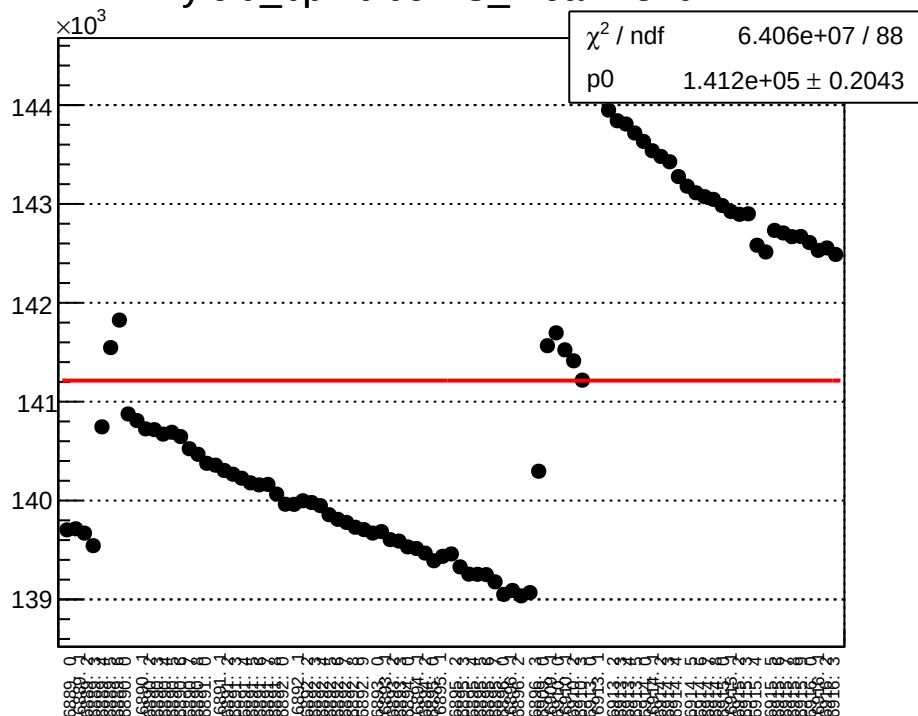
yield_bpm0i02aWS_mean vs run



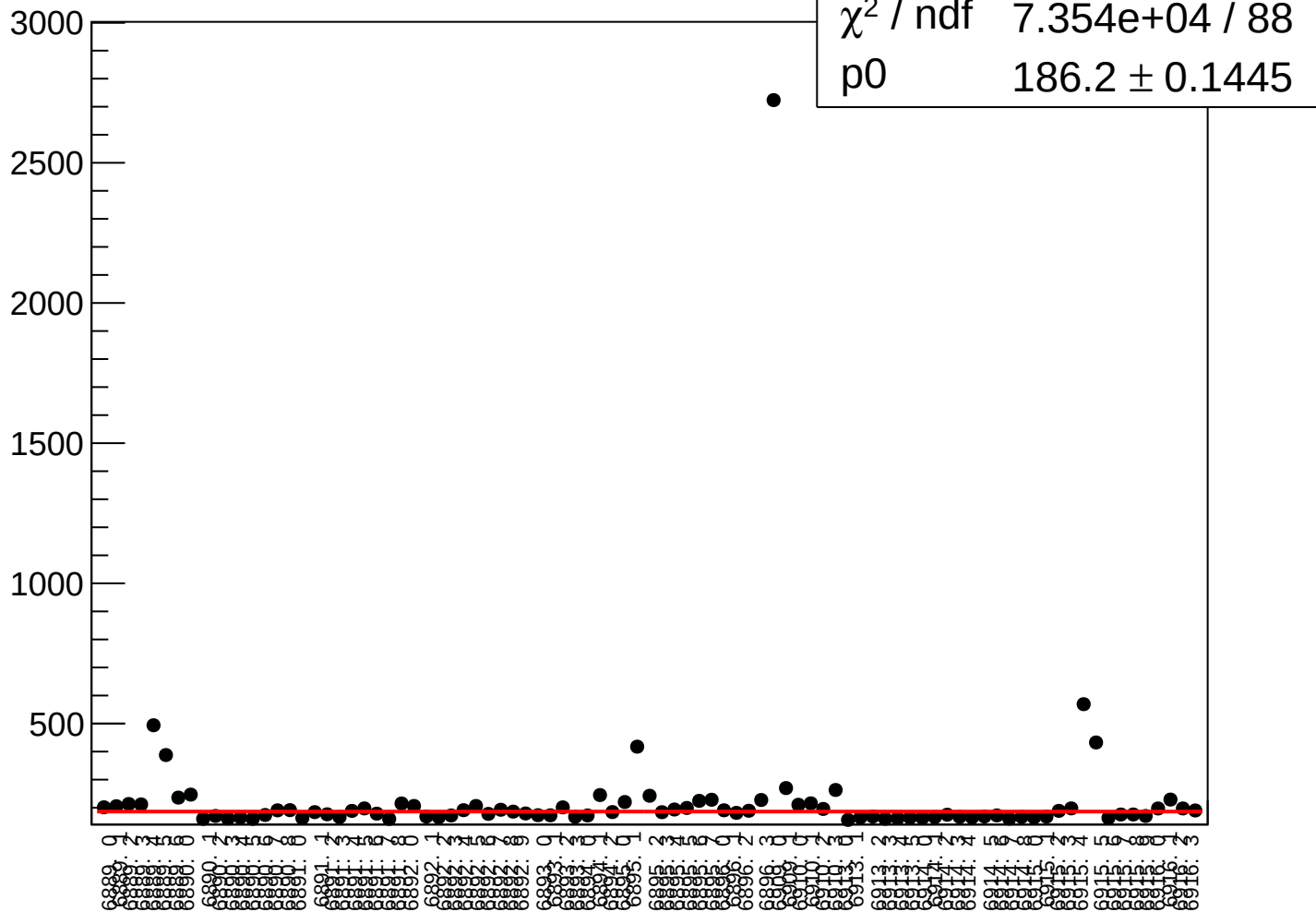
yield_bpm0i02aWS_rms vs run



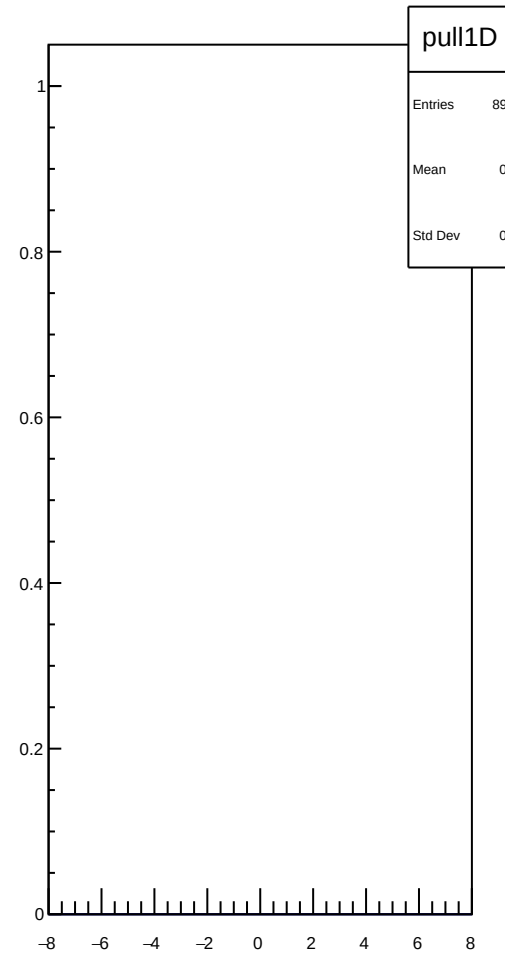
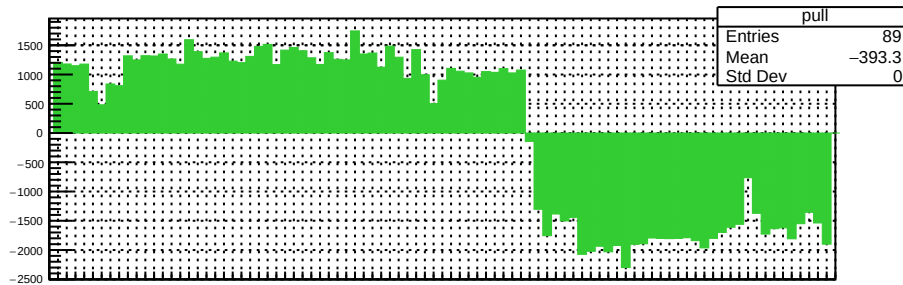
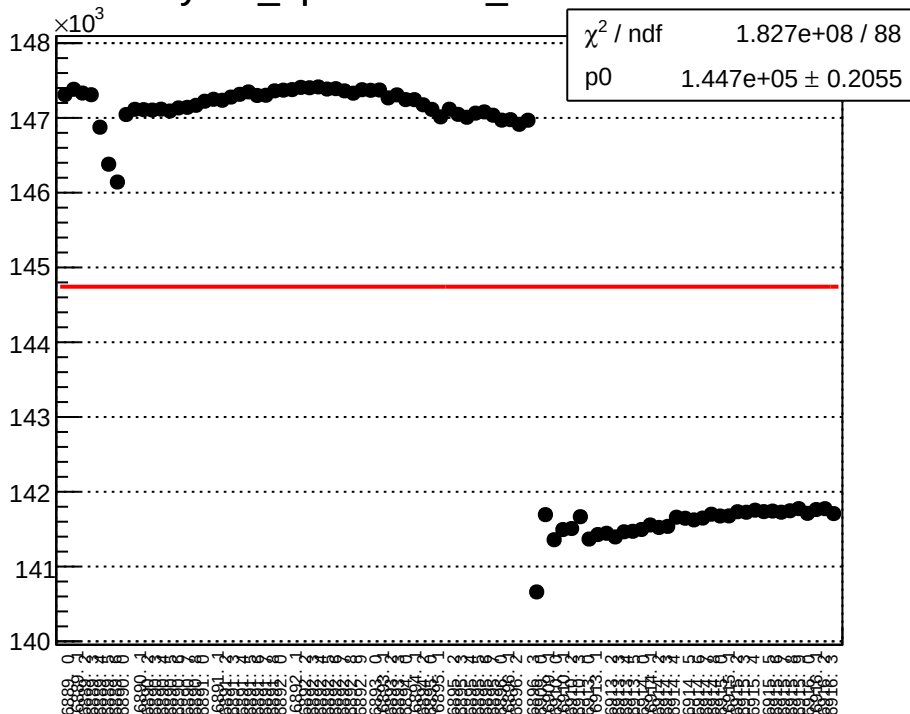
yield_bpm0i05WS_mean vs run



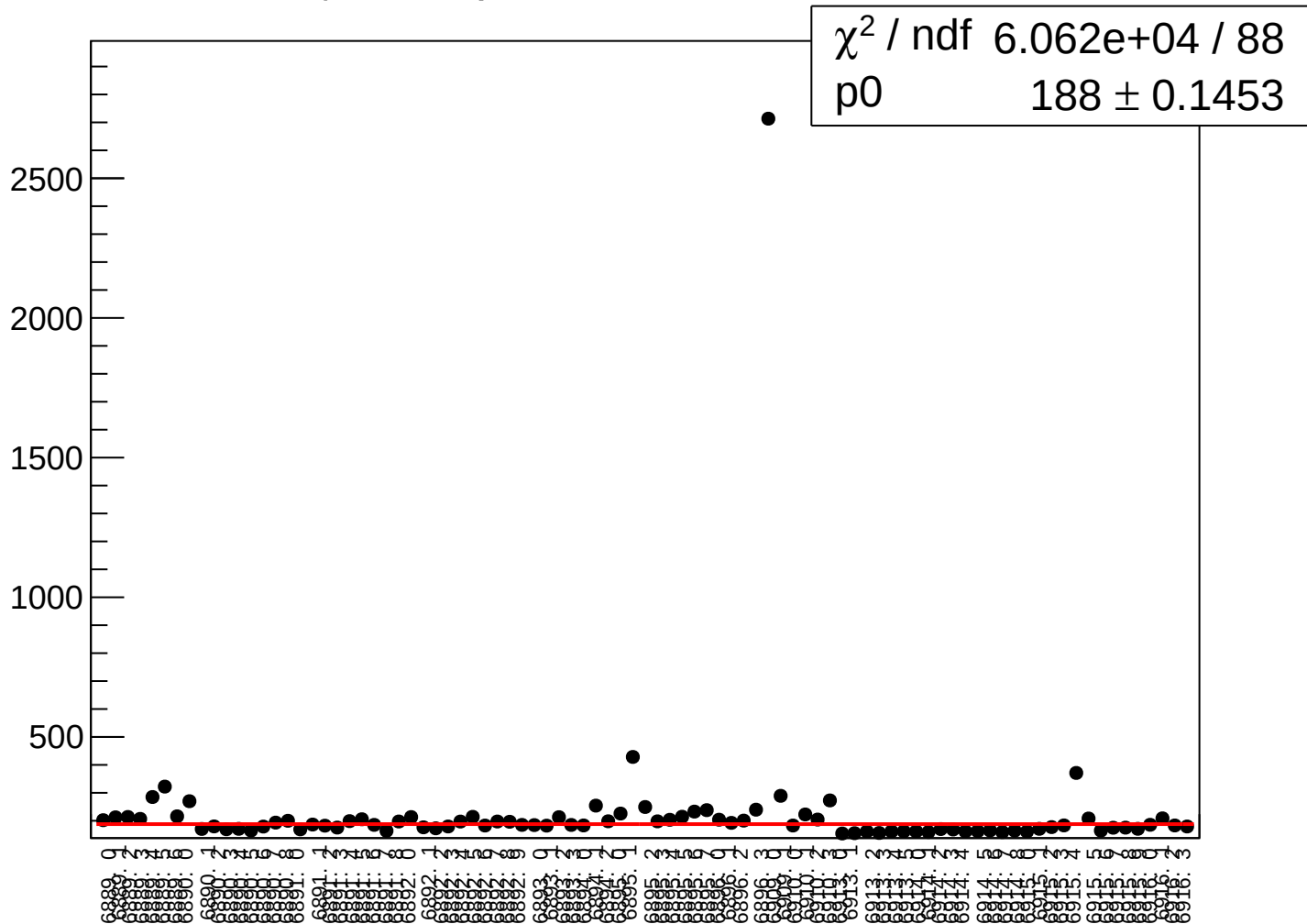
yield_bpm0i05WS_rms vs run



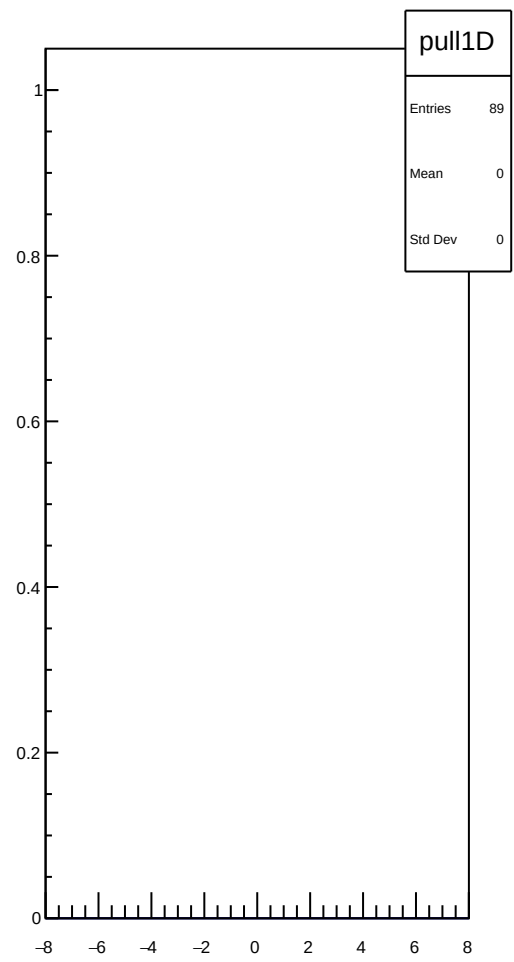
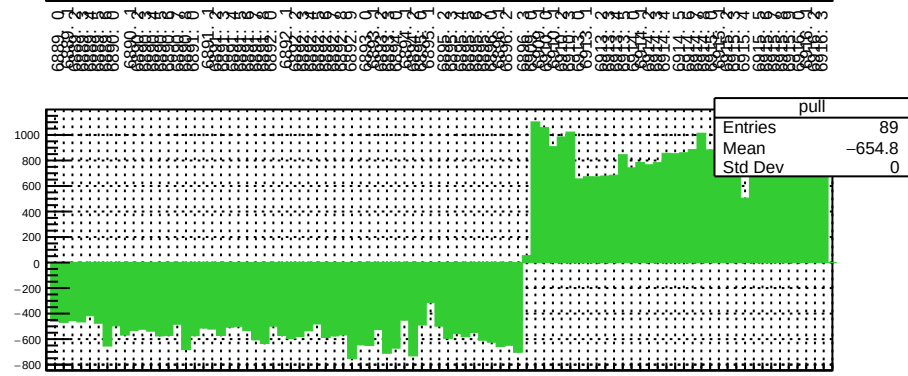
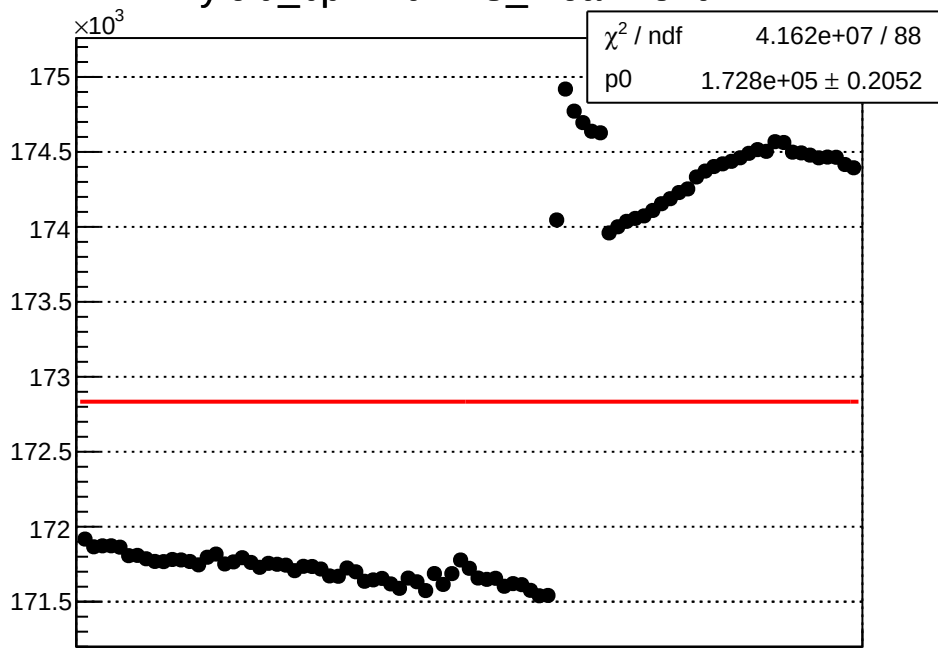
yield_bpm0i07WS_mean vs run



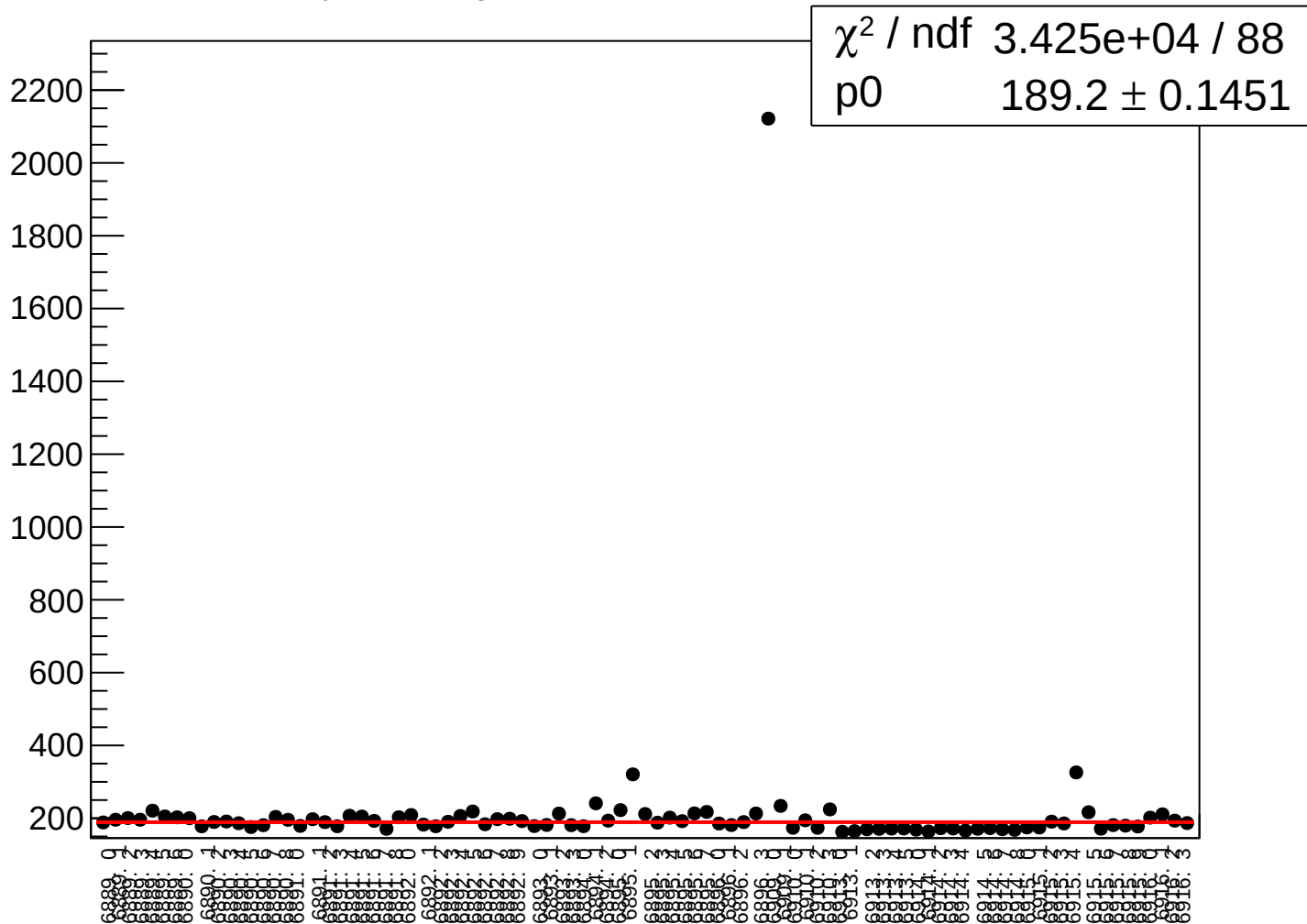
yield_bpm0i07WS_rms vs run



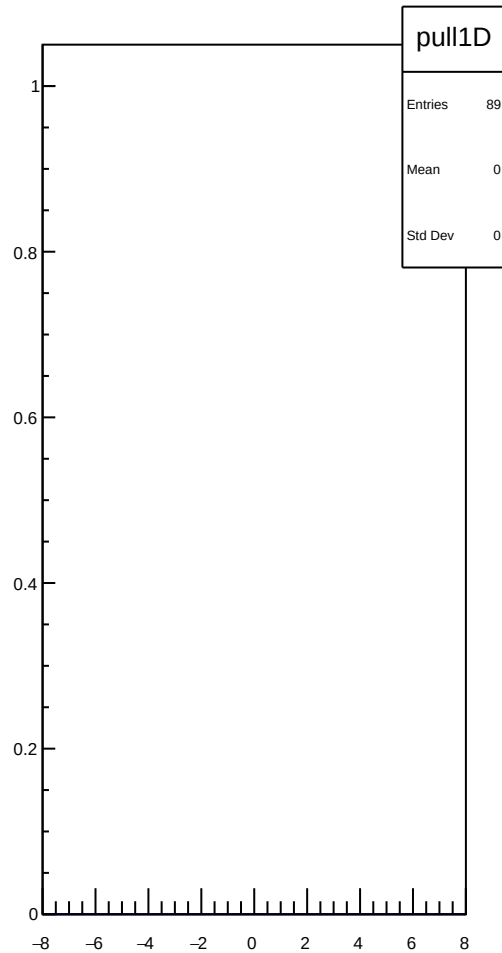
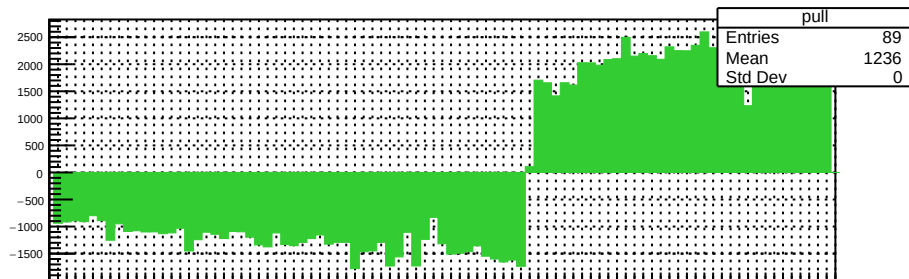
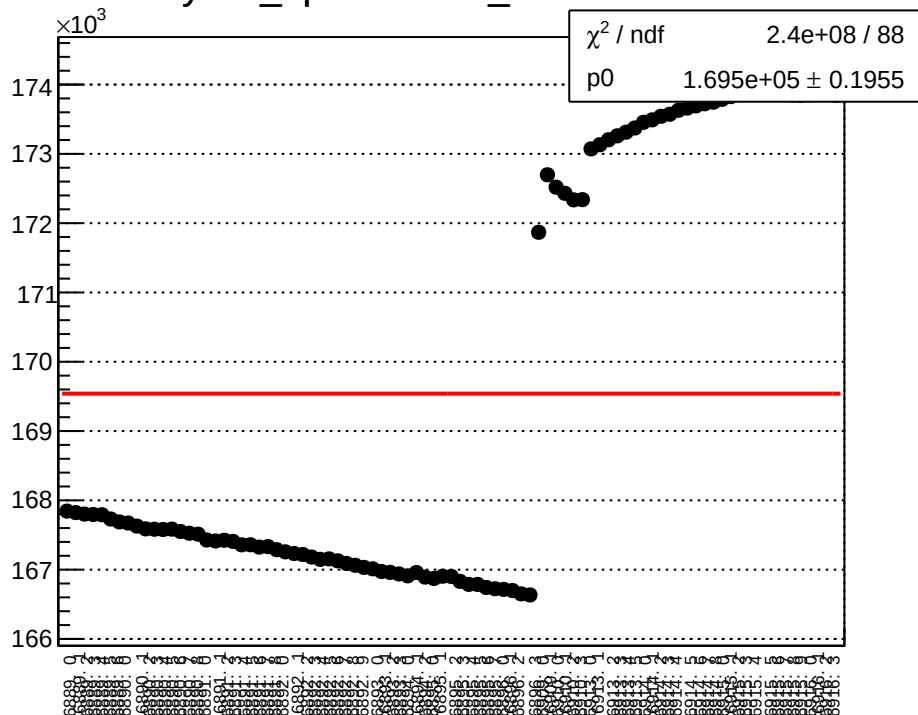
yield_bpm1i02WS_mean vs run



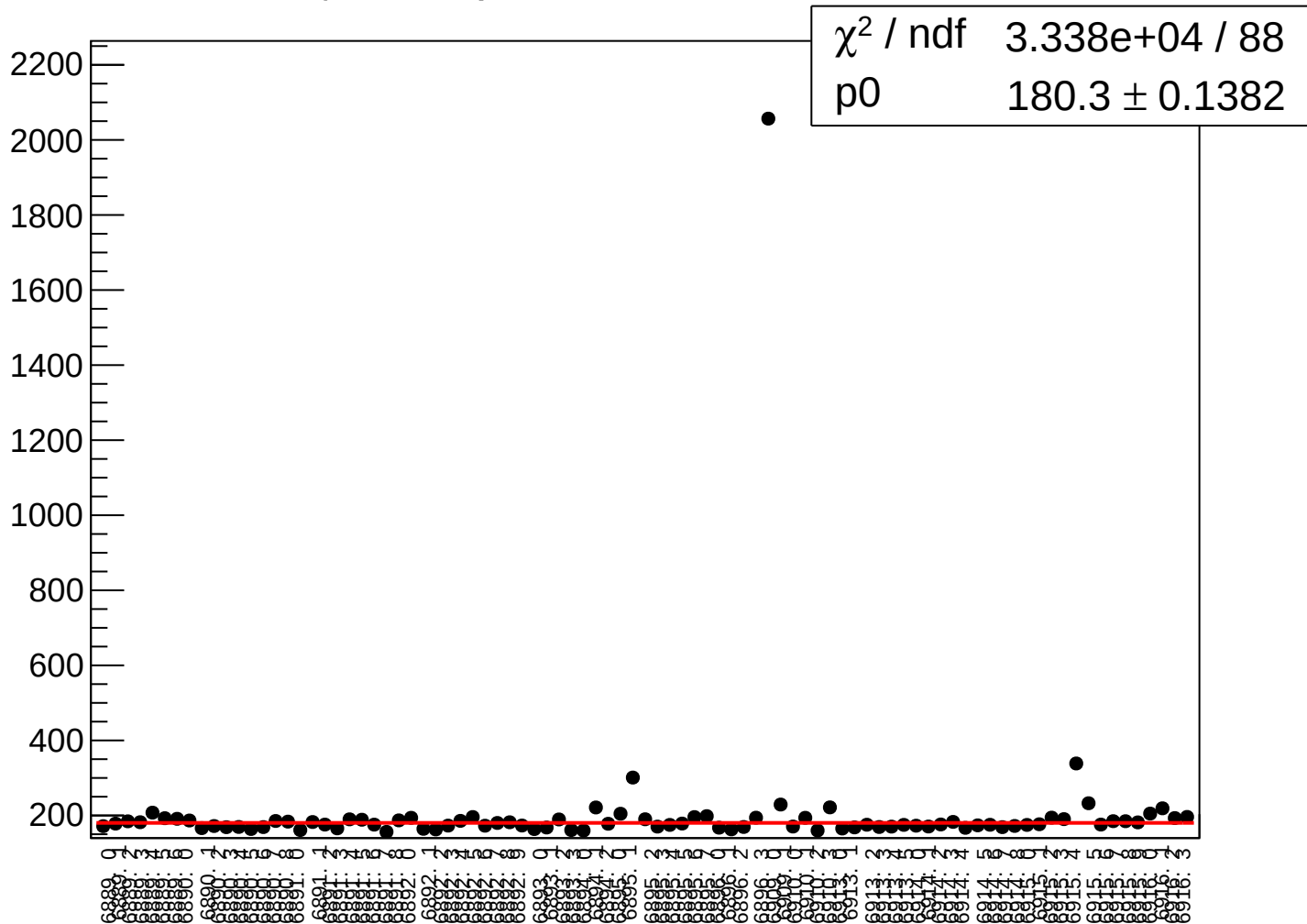
yield_bpm1i02WS_rms vs run



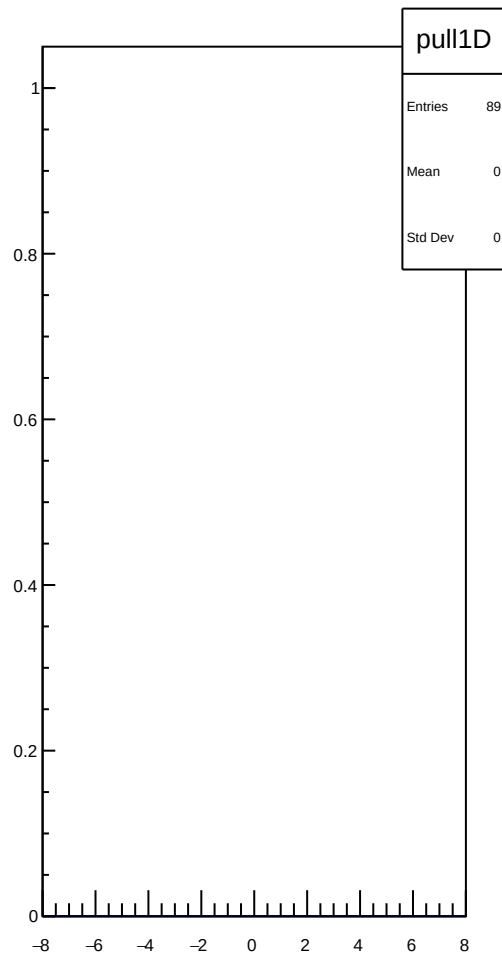
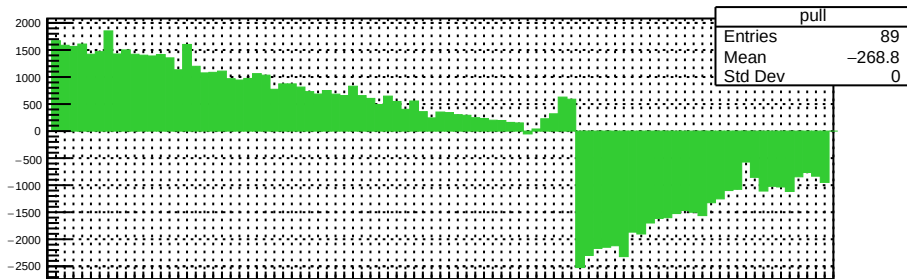
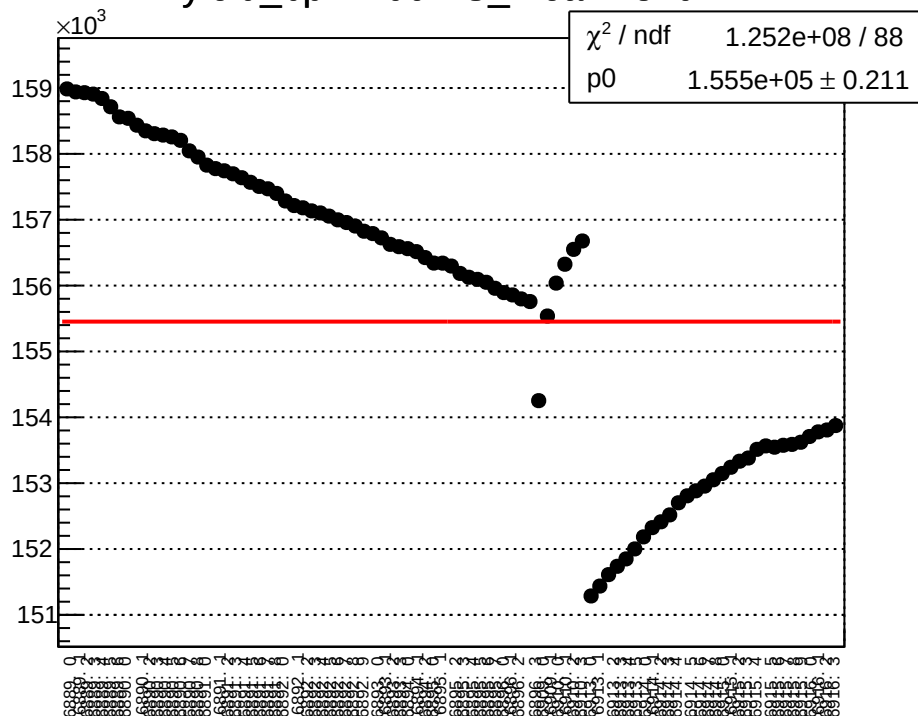
yield_bpm1i04WS_mean vs run



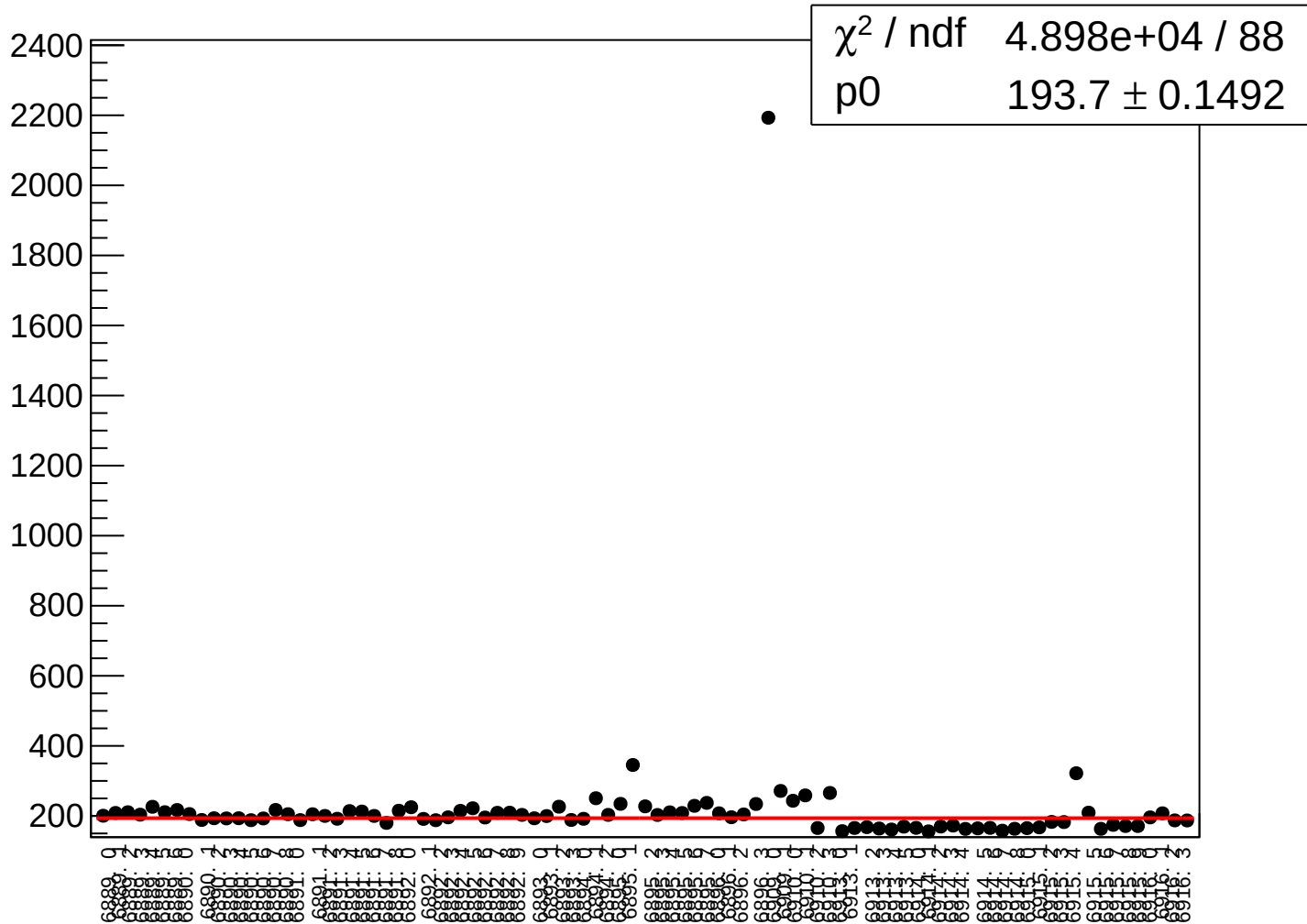
yield_bpm1i04WS_rms vs run



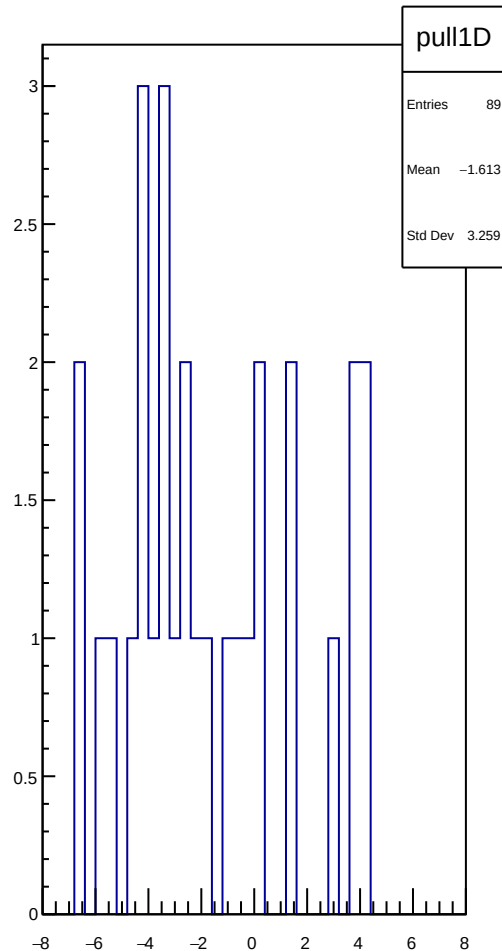
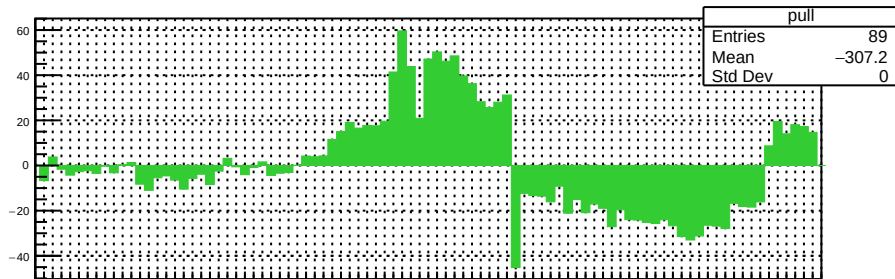
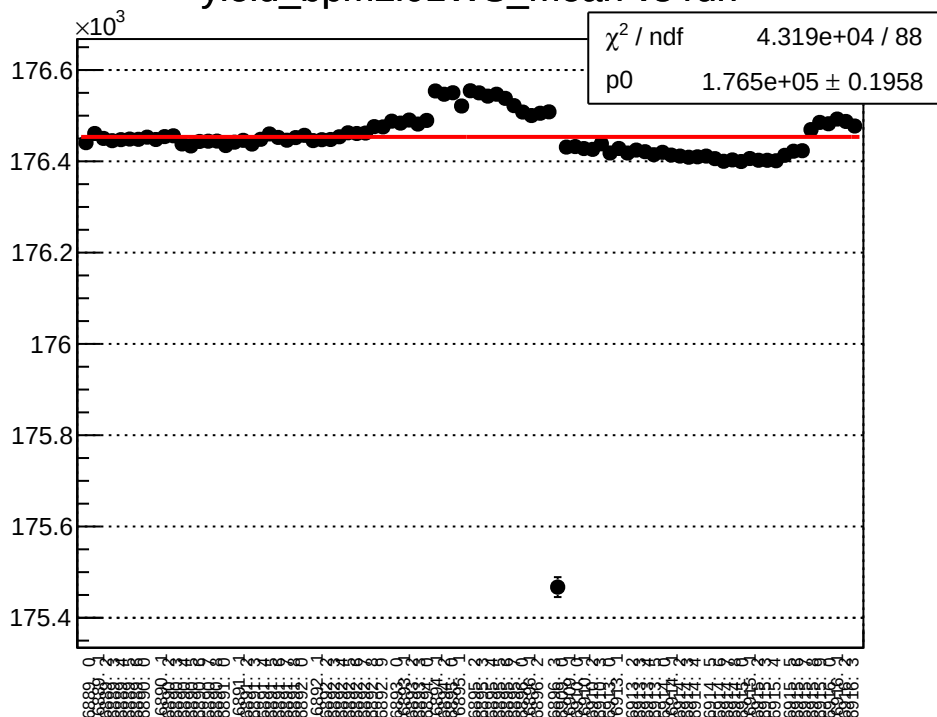
yield_bpm1i06WS_mean vs run



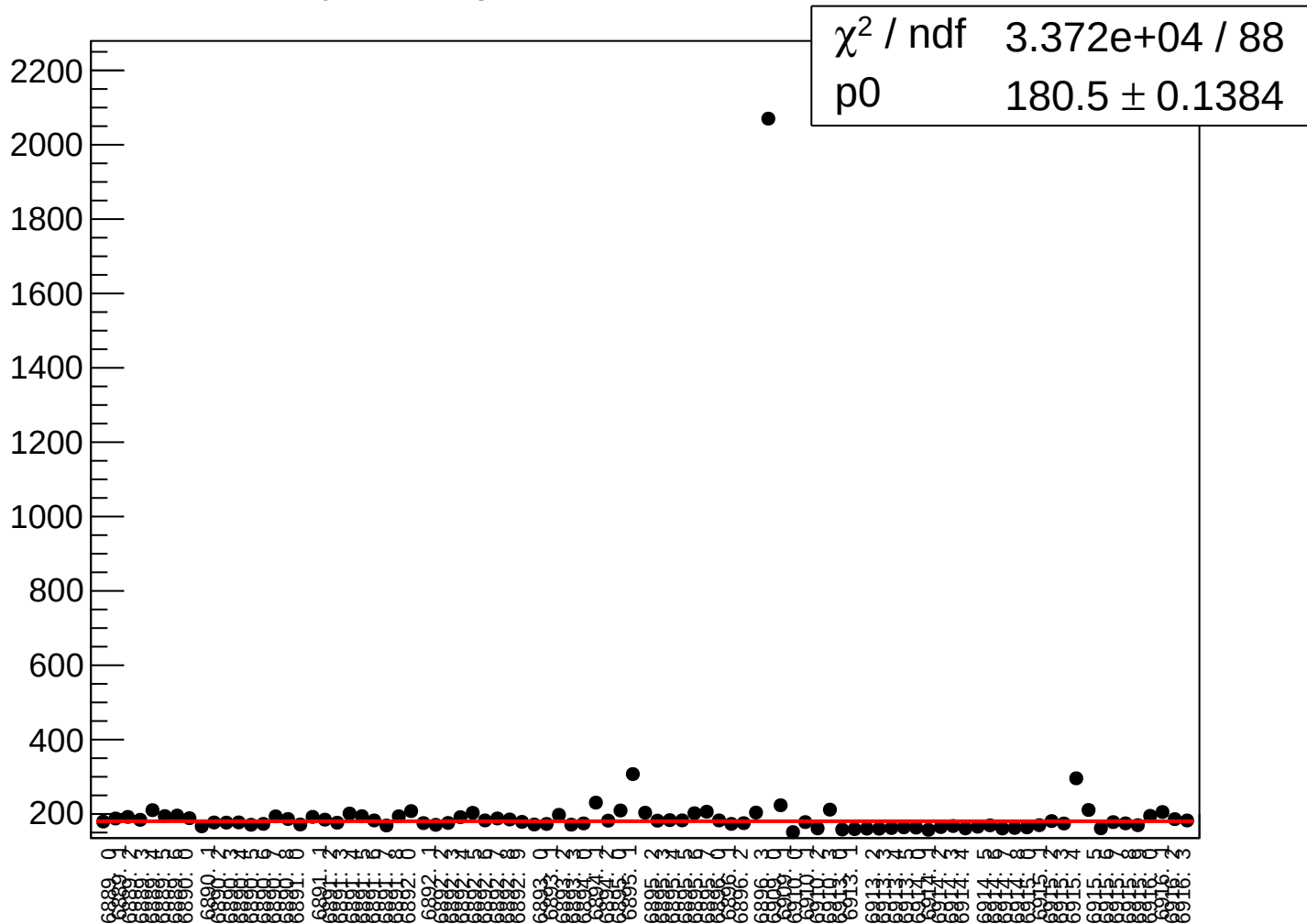
yield_bpm1i06WS_rms vs run



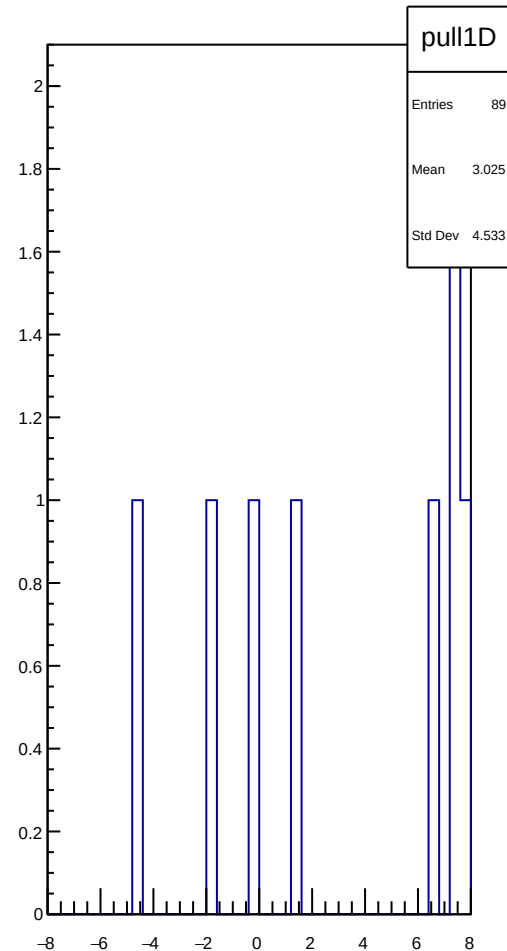
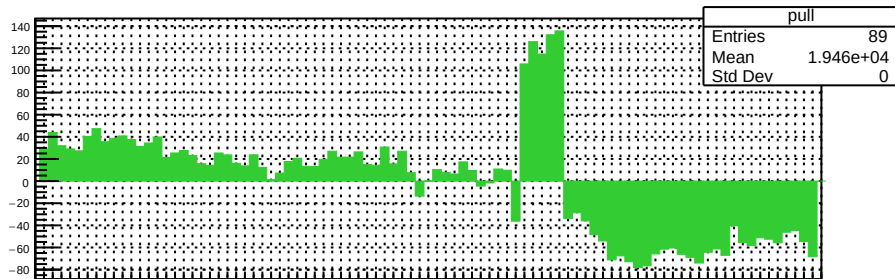
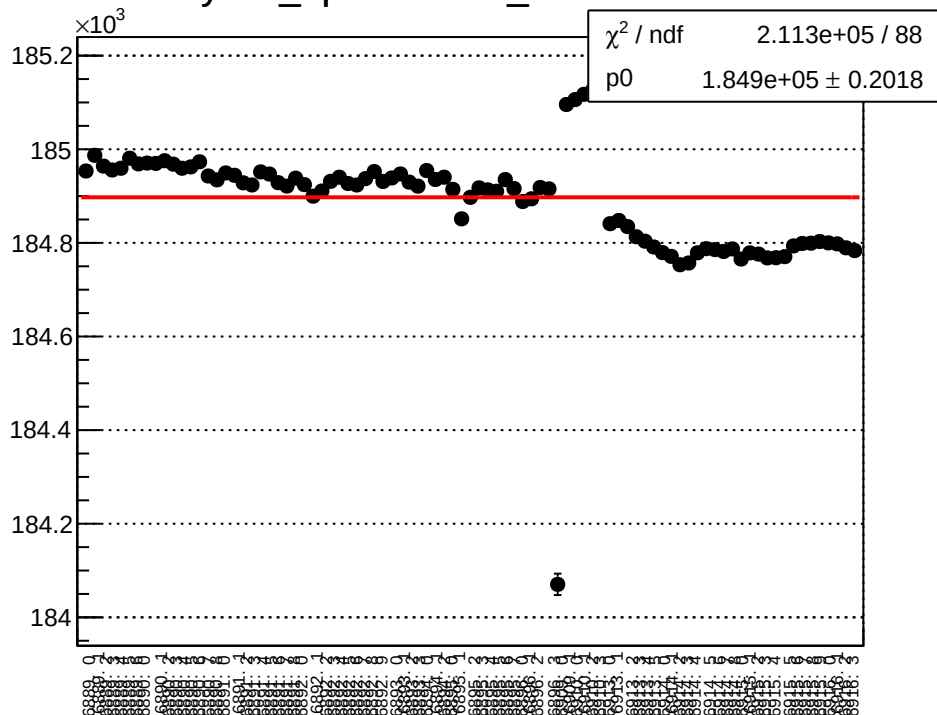
yield_bpm2i01WS_mean vs run



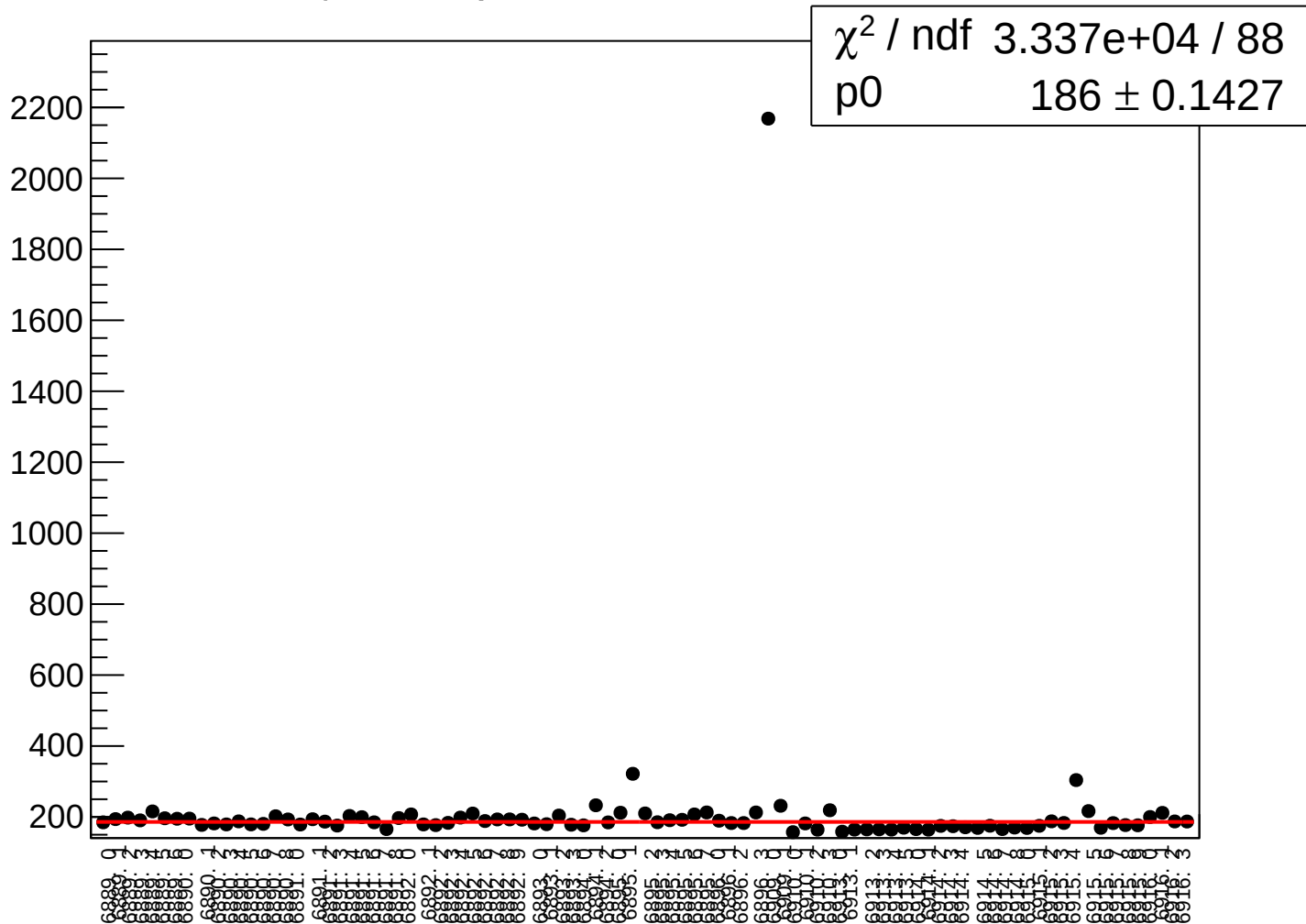
yield_bpm2i01WS_rms vs run



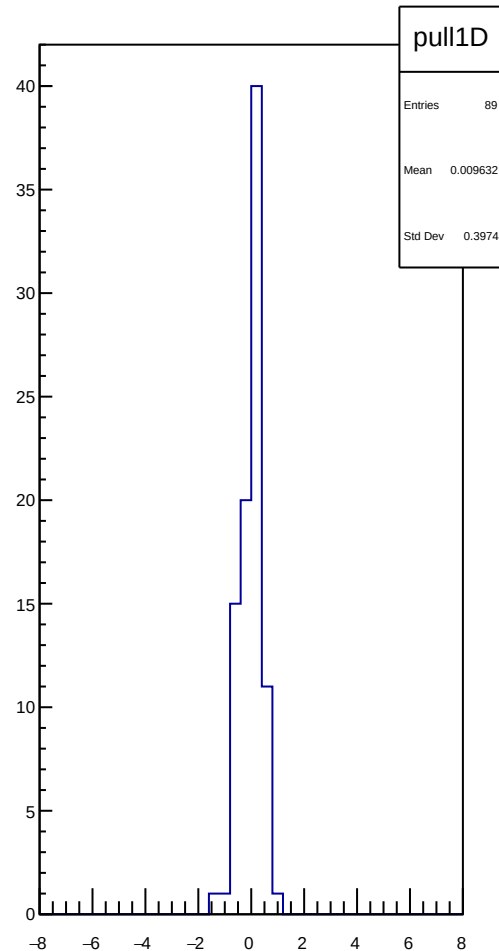
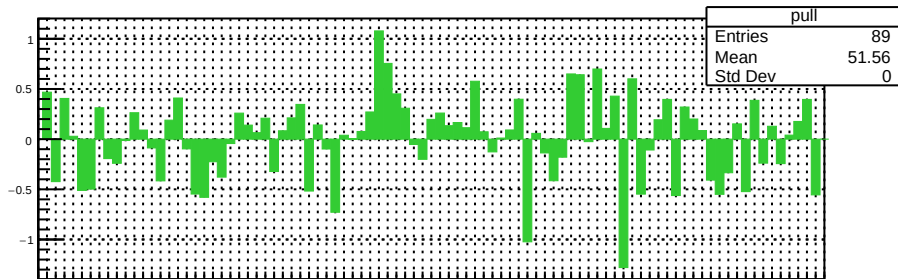
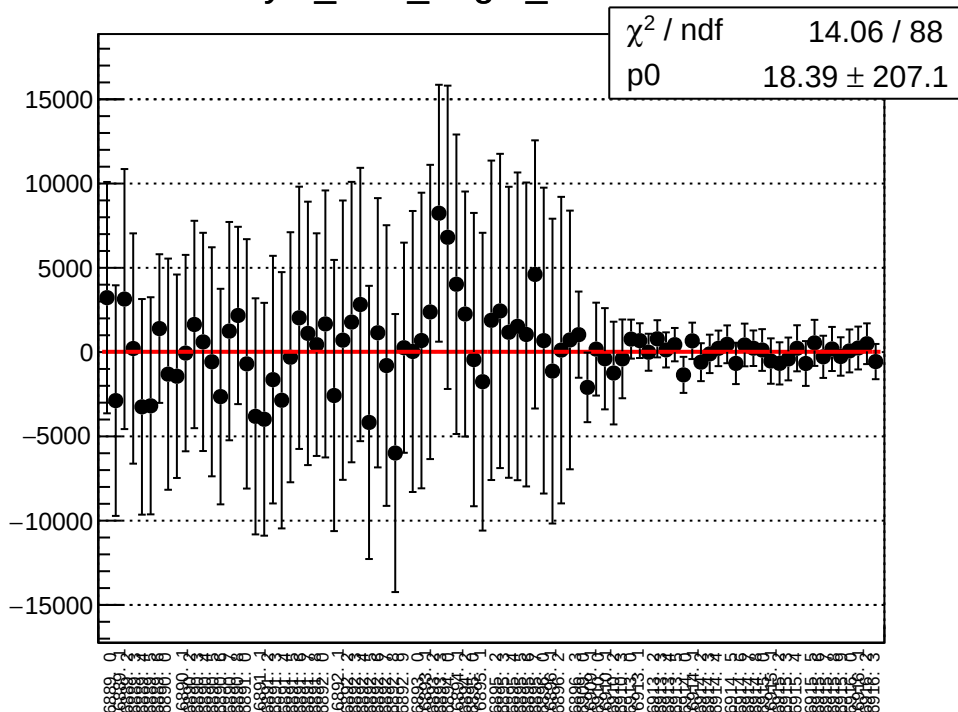
yield_bpm2i02WS_mean vs run



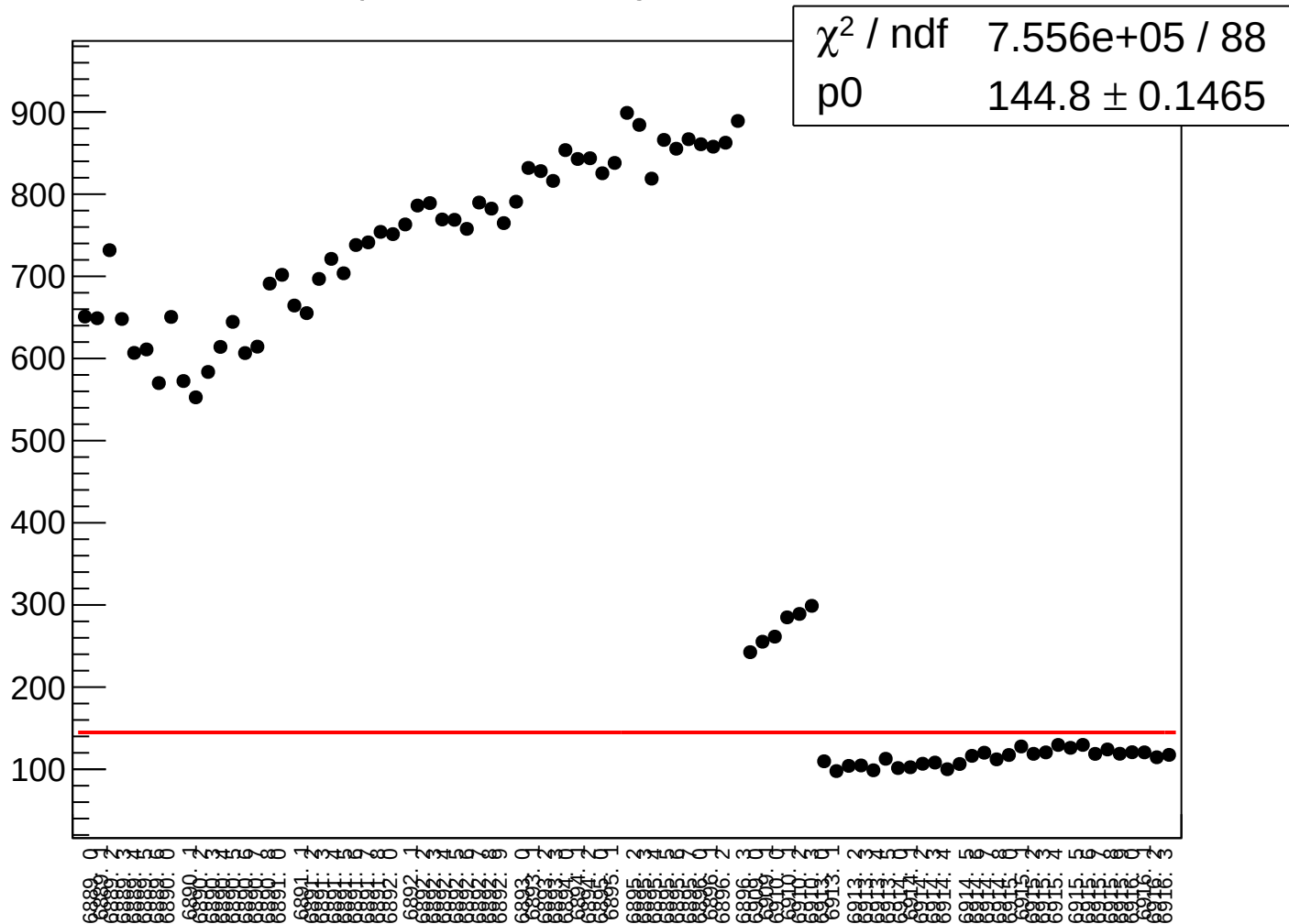
yield_bpm2i02WS_rms vs run



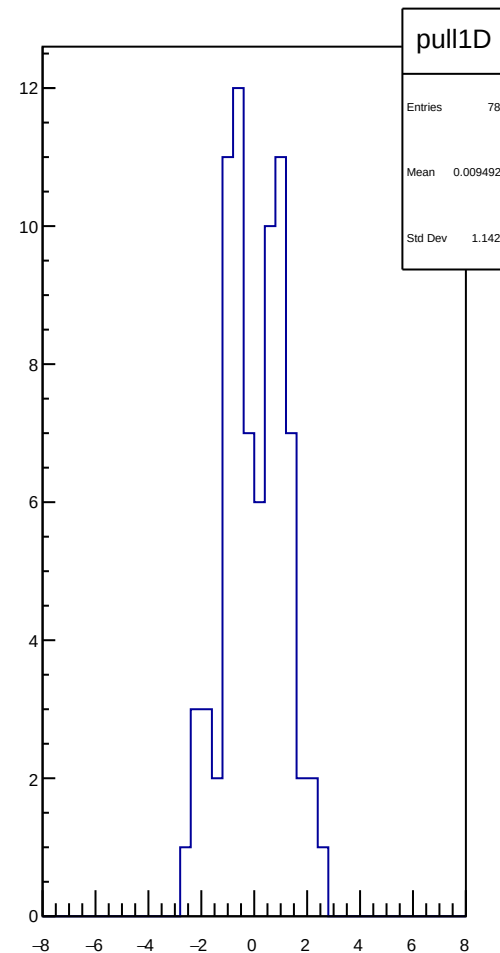
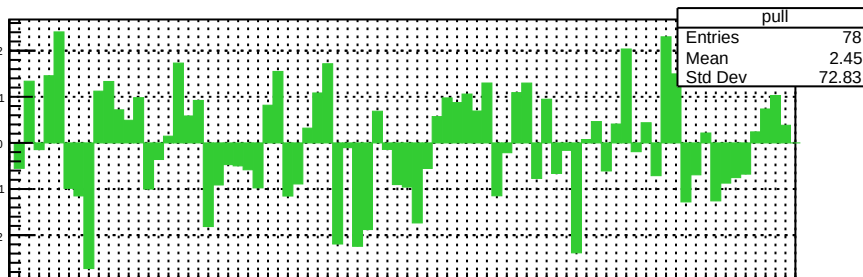
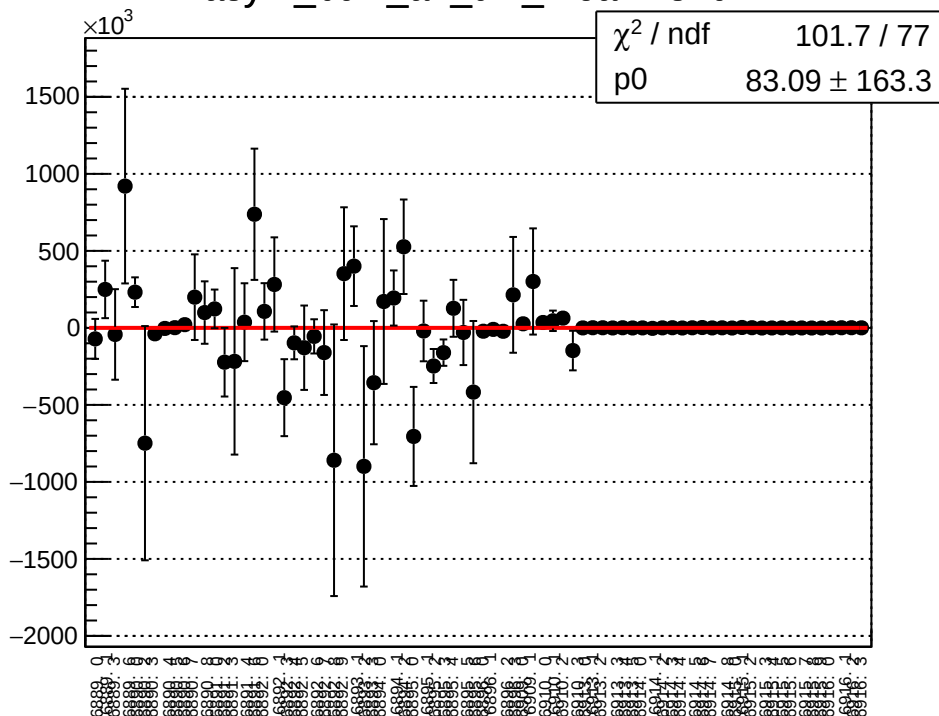
asym_bcm_target_mean vs run



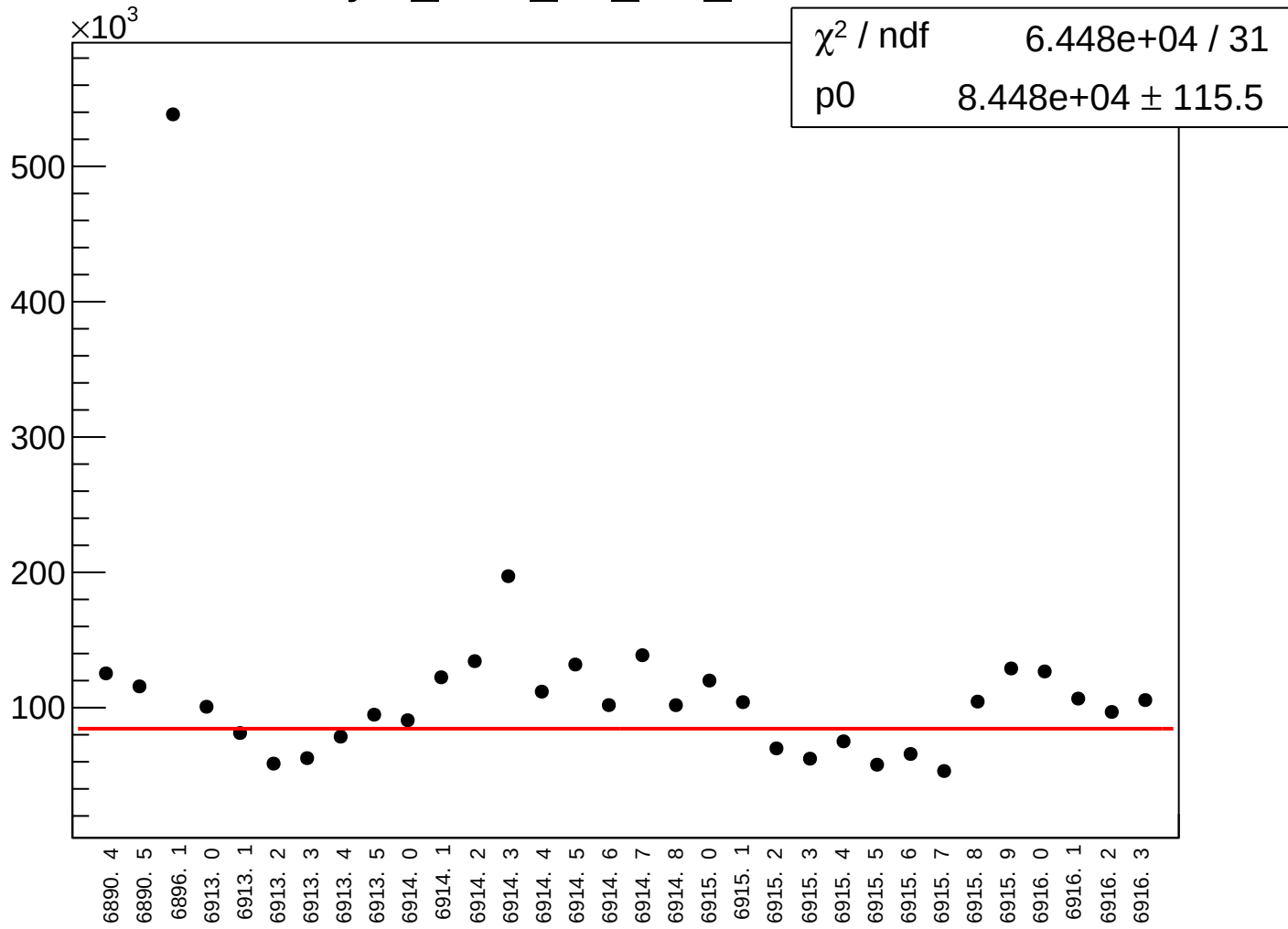
asym_bcm_target_rms vs run



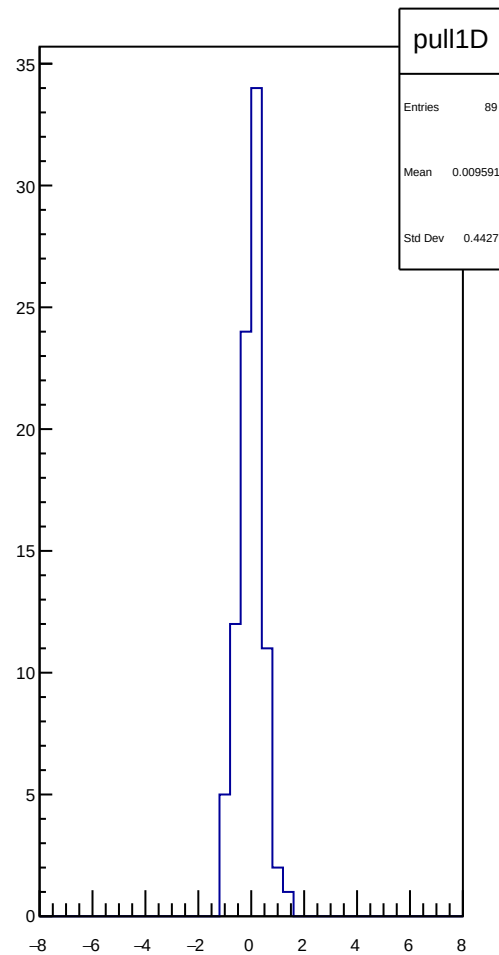
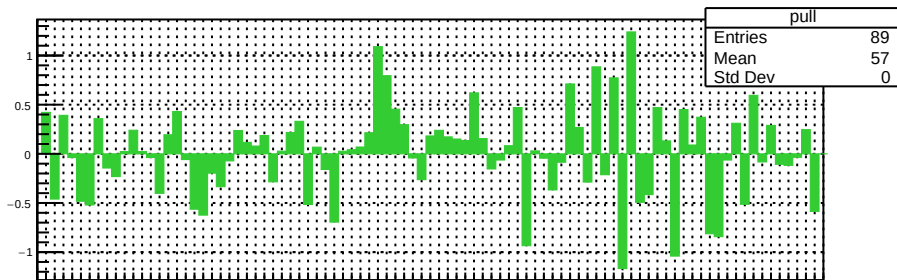
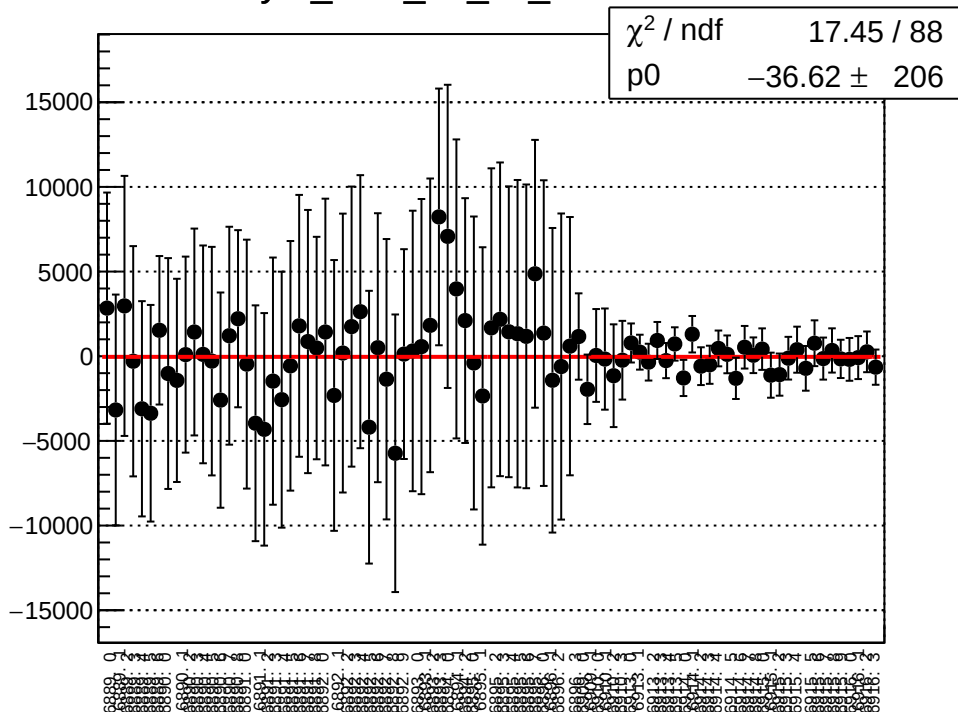
asym_bcm_an_diff_mean vs run



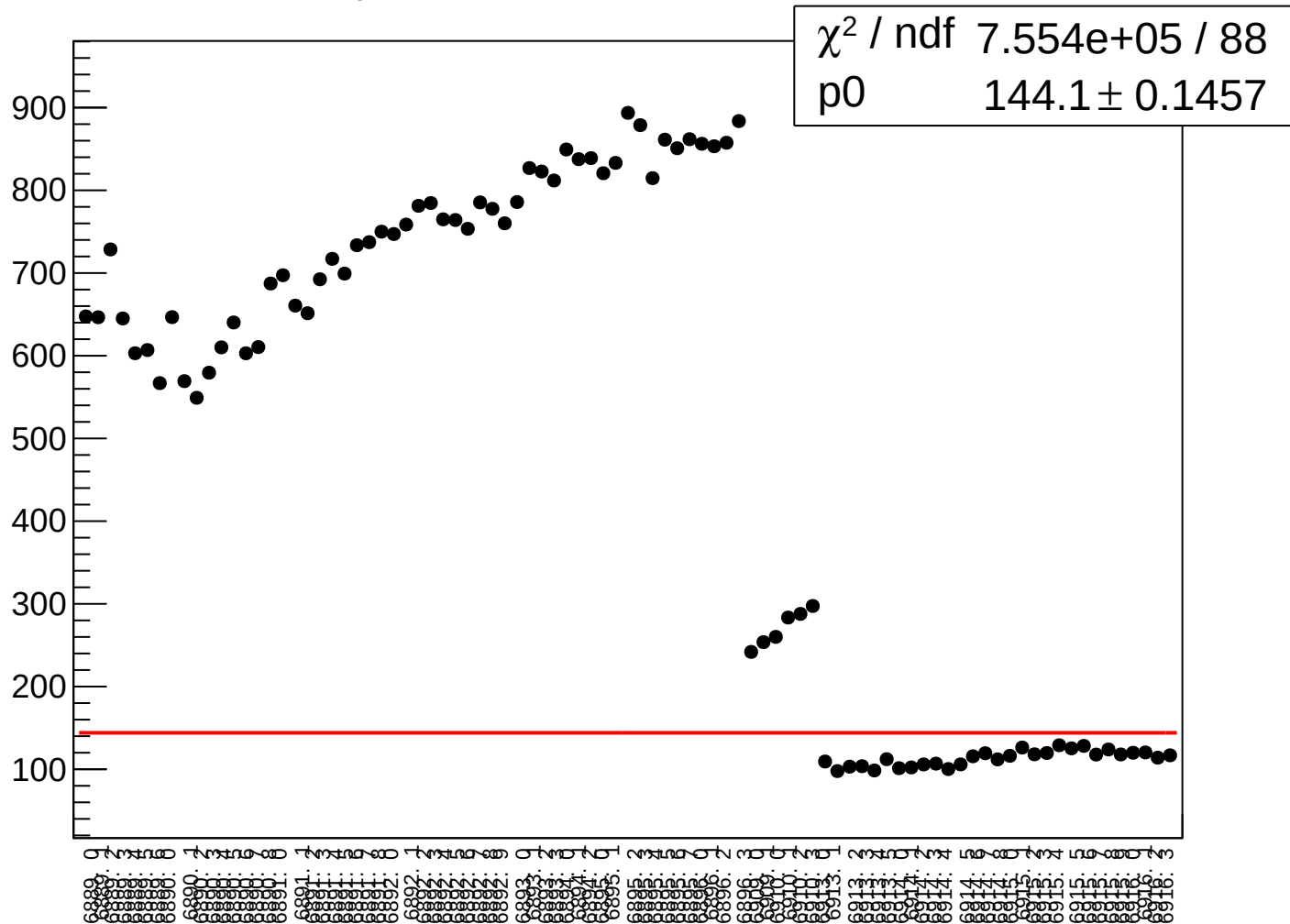
asym_bcm_an_diff_rms vs run



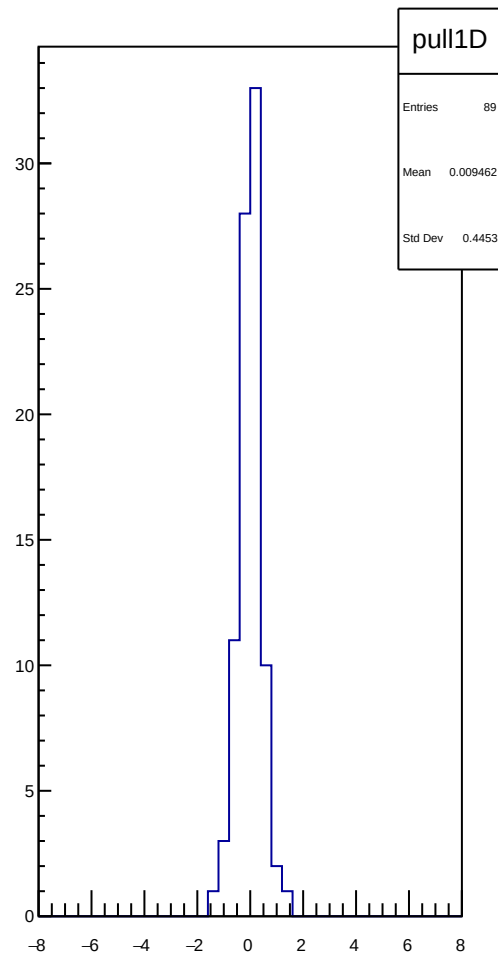
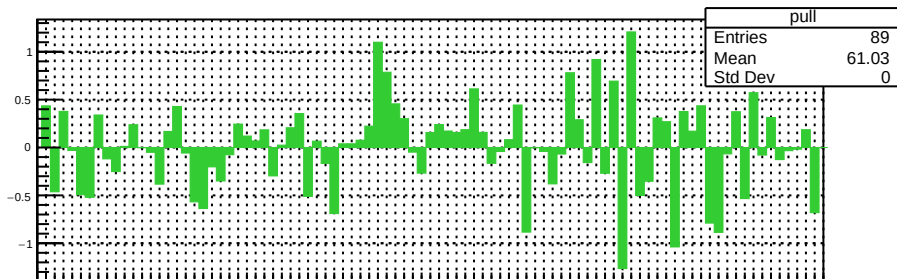
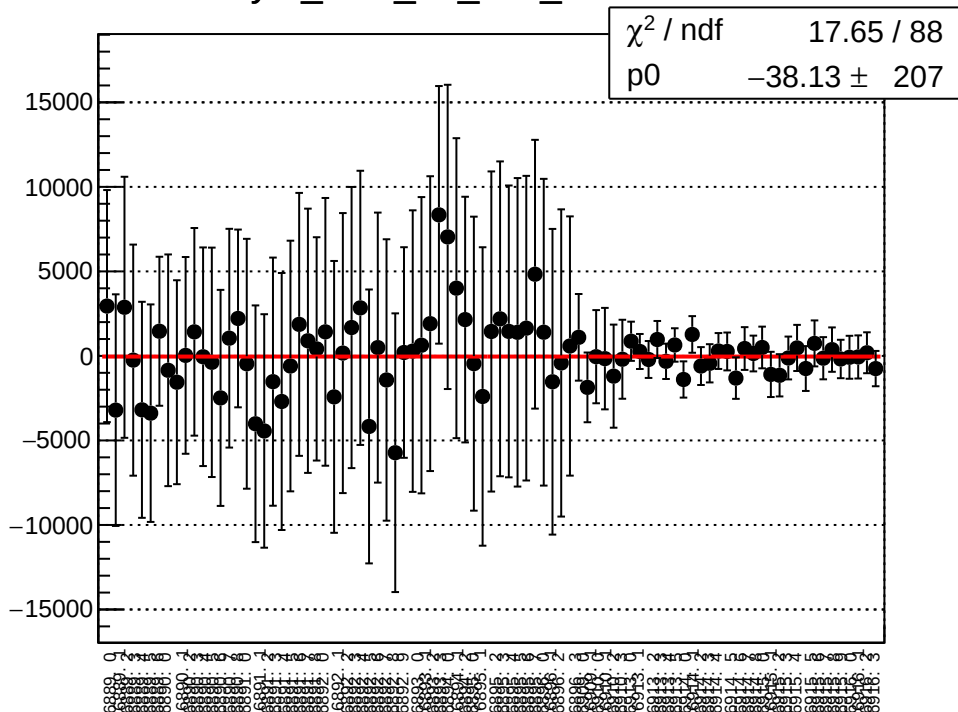
asym_bcm_an_ds_mean vs run



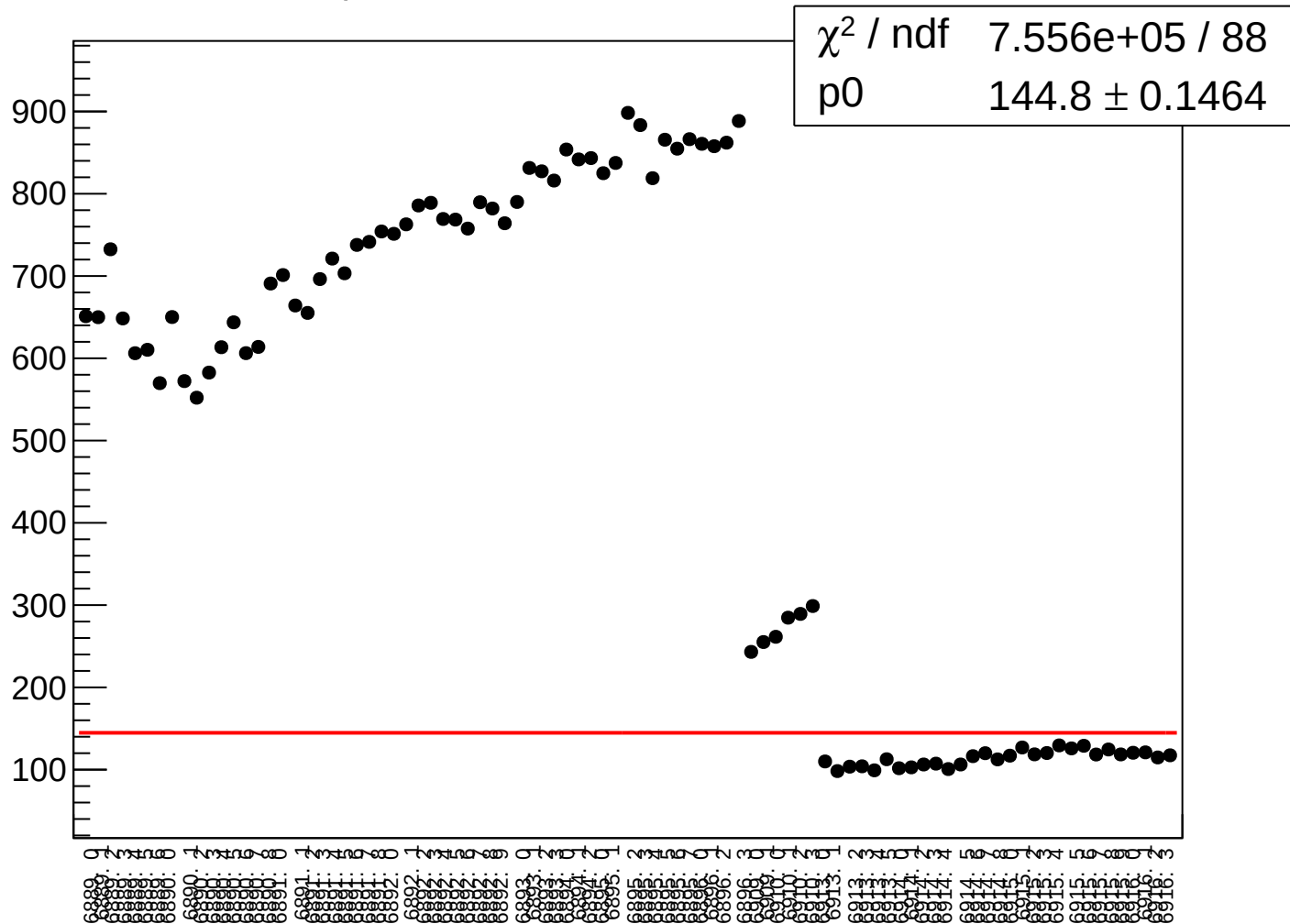
asym_bcm_an_ds_rms vs run



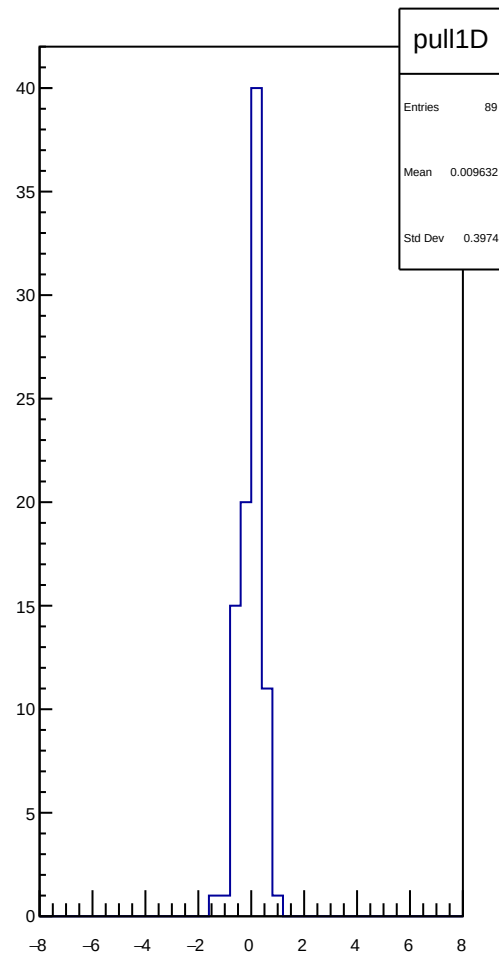
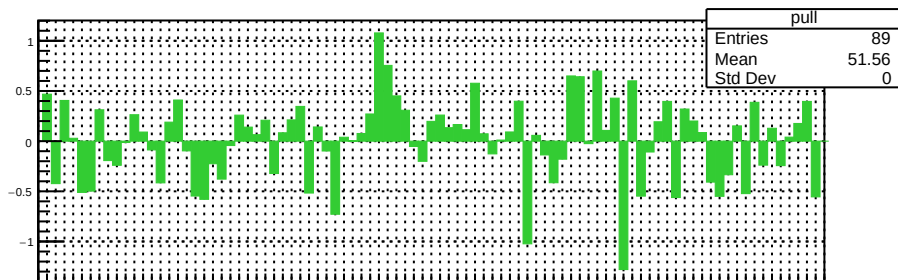
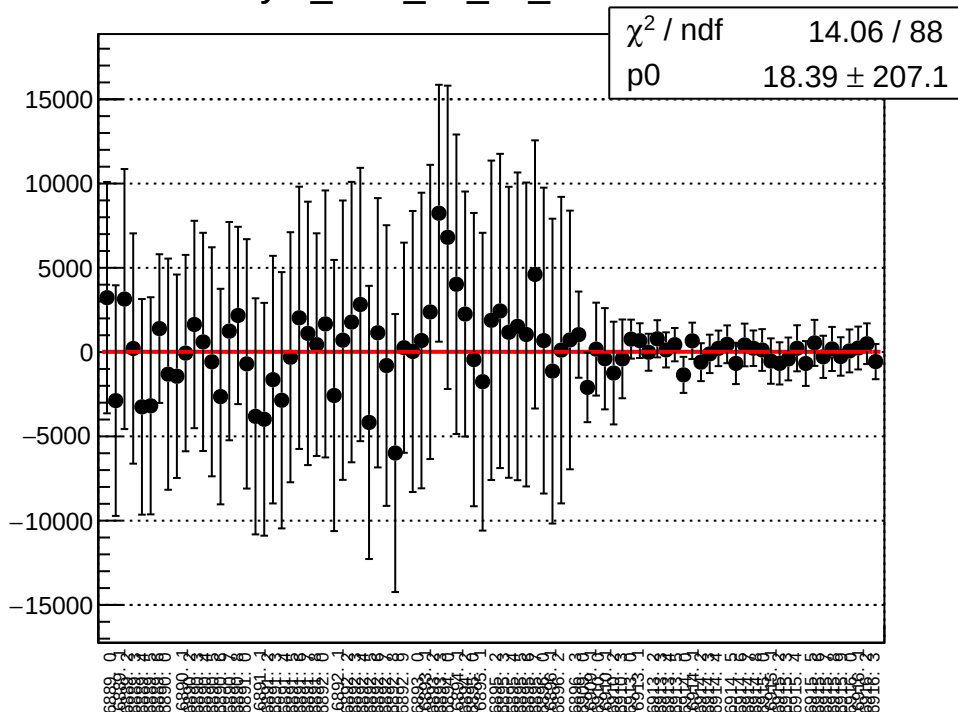
asym_bcm_an_ds3_mean vs run



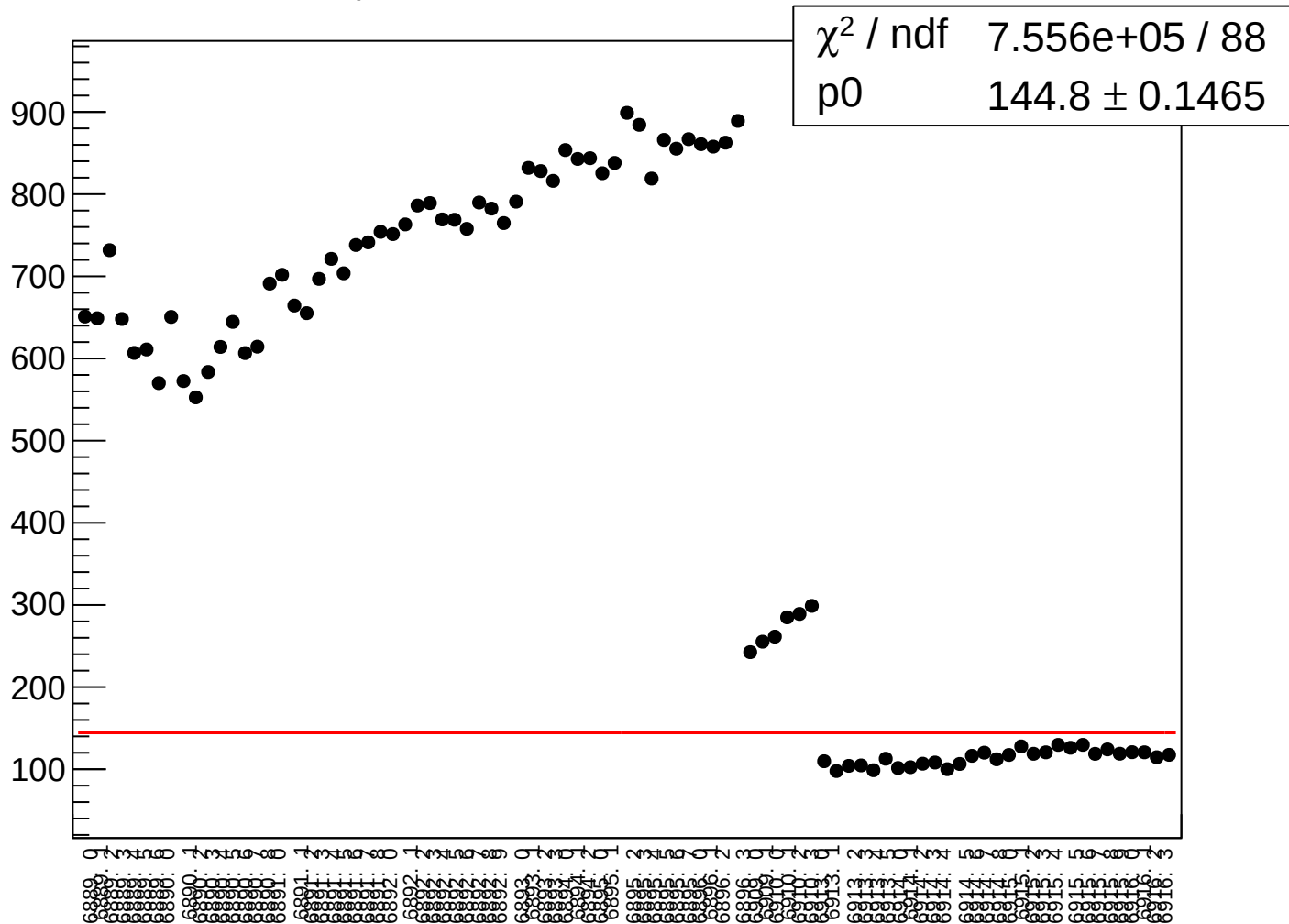
asym_bcm_an_ds3_rms vs run



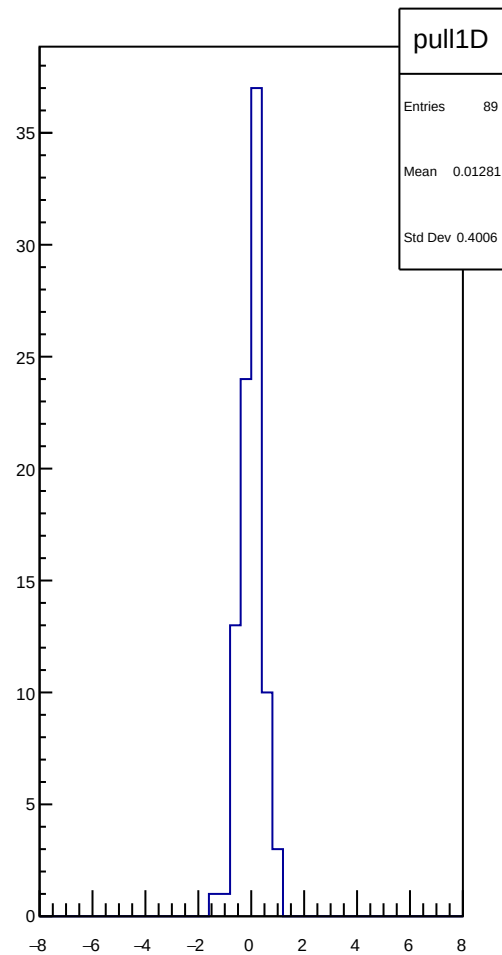
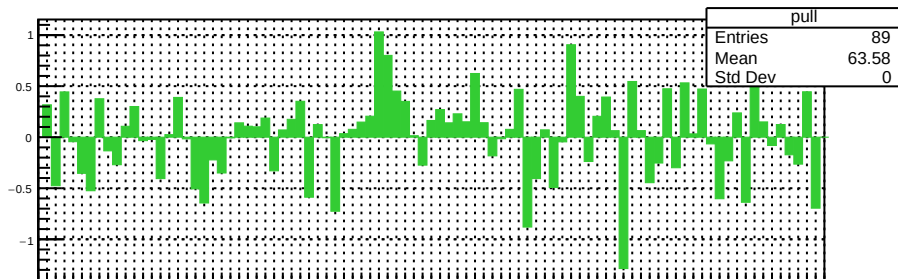
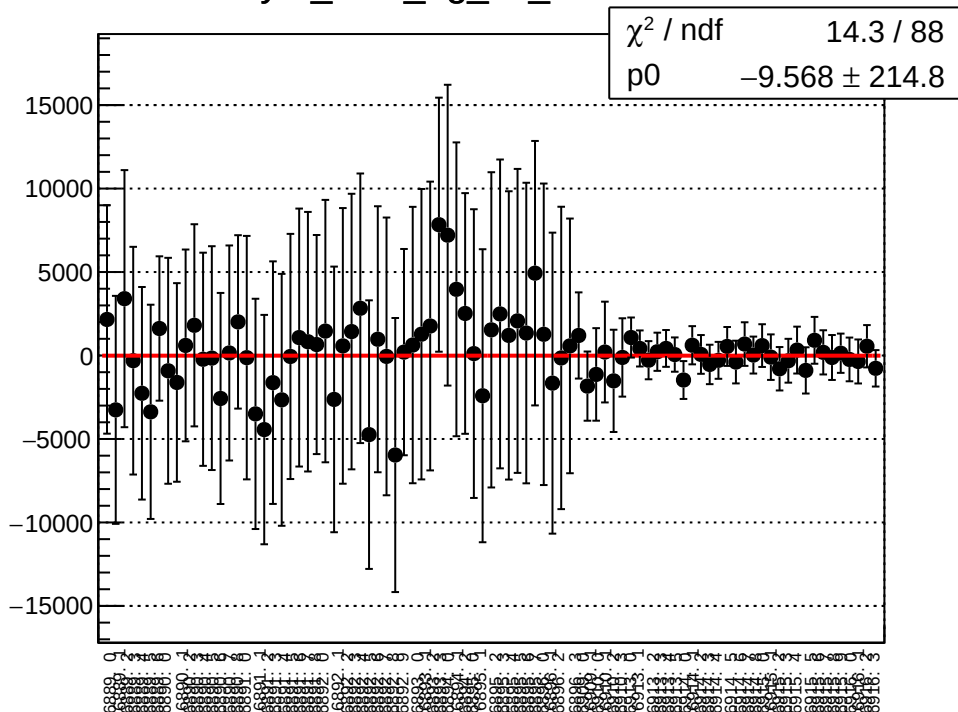
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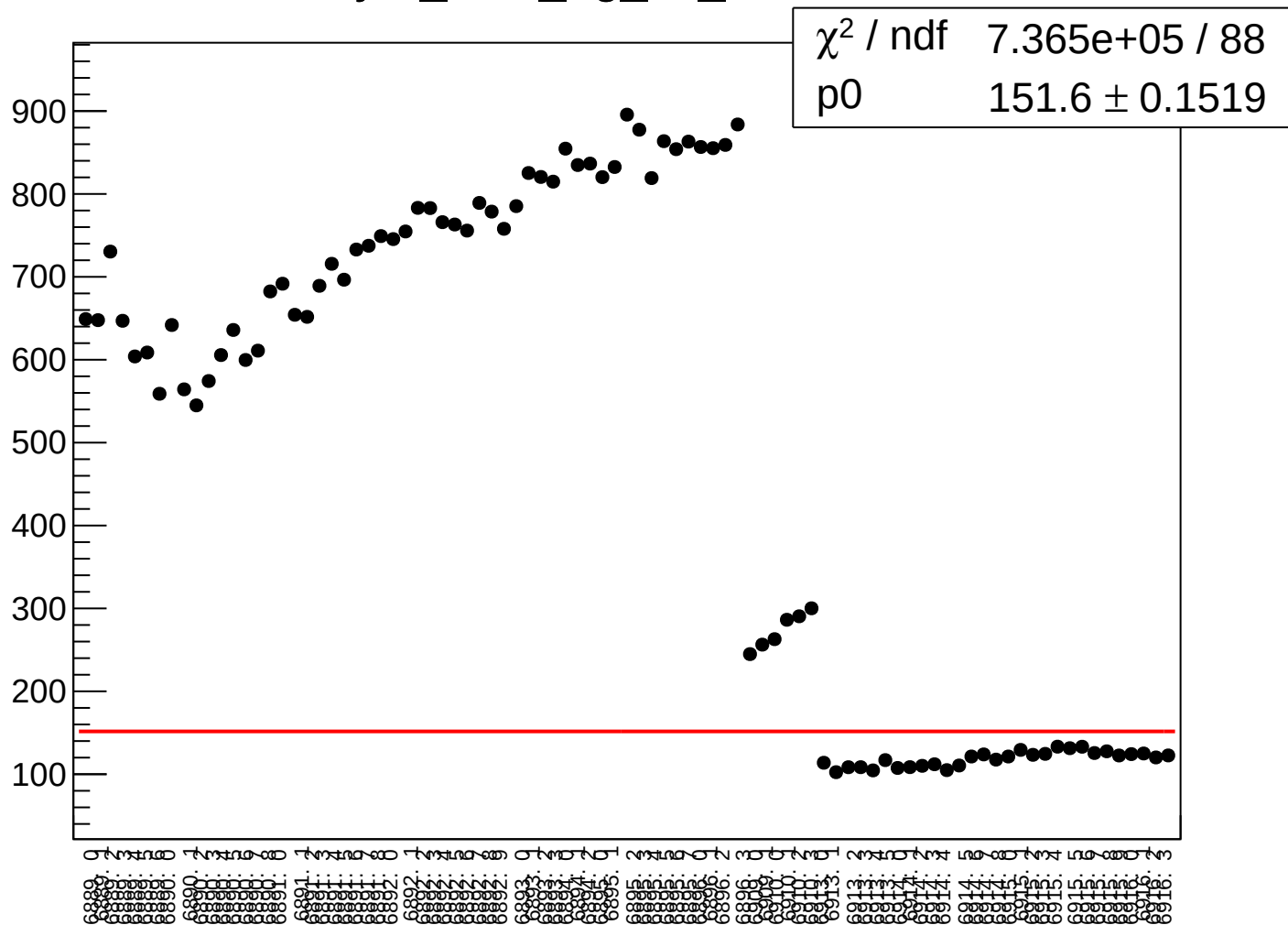
asym_bcm_an_us_rms vs run



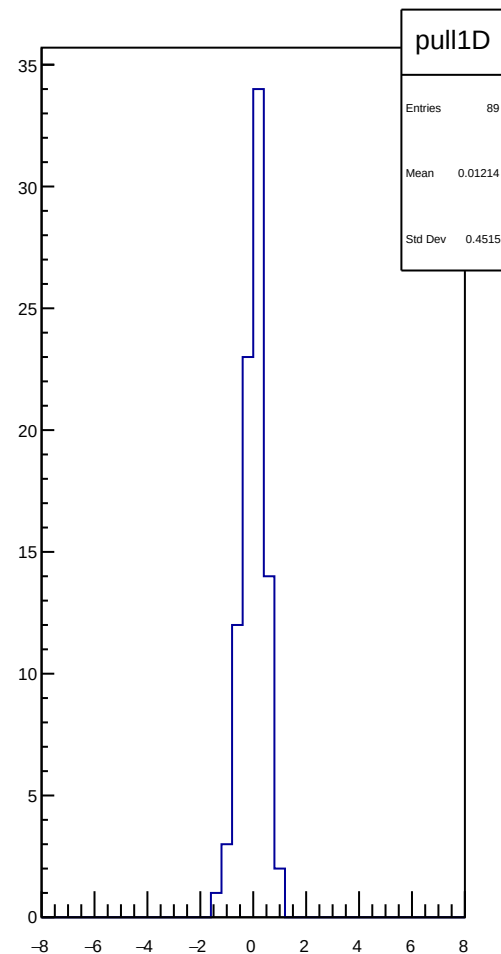
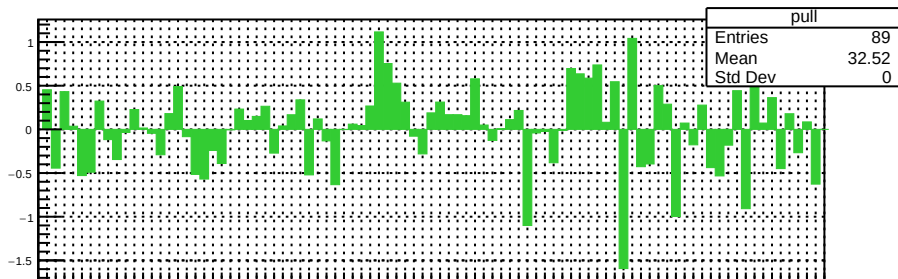
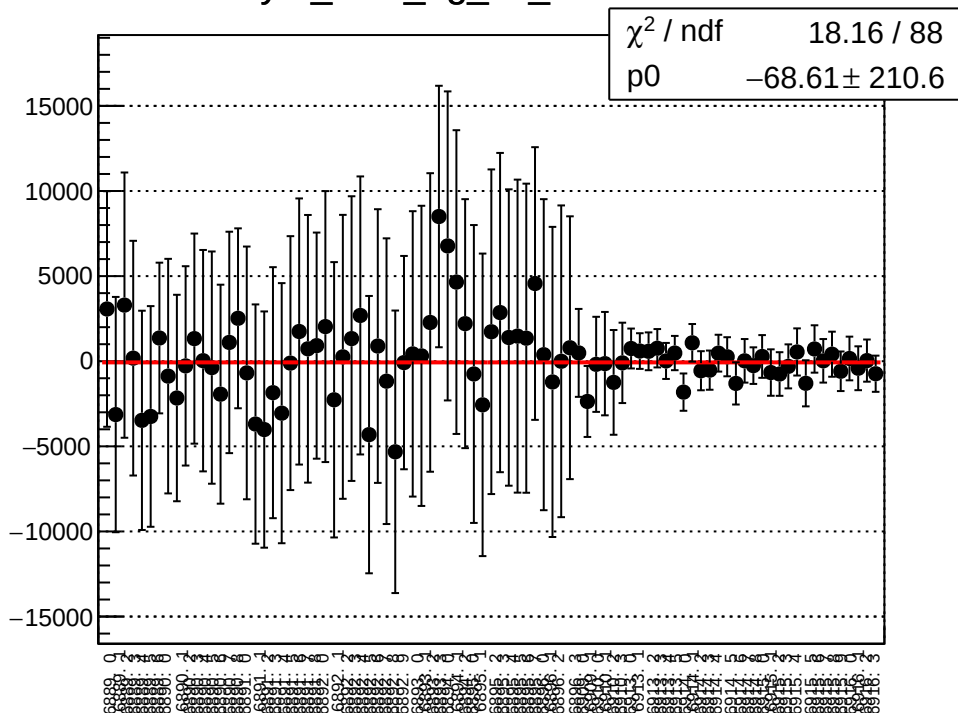
asym_bcm_dg_us_mean vs run



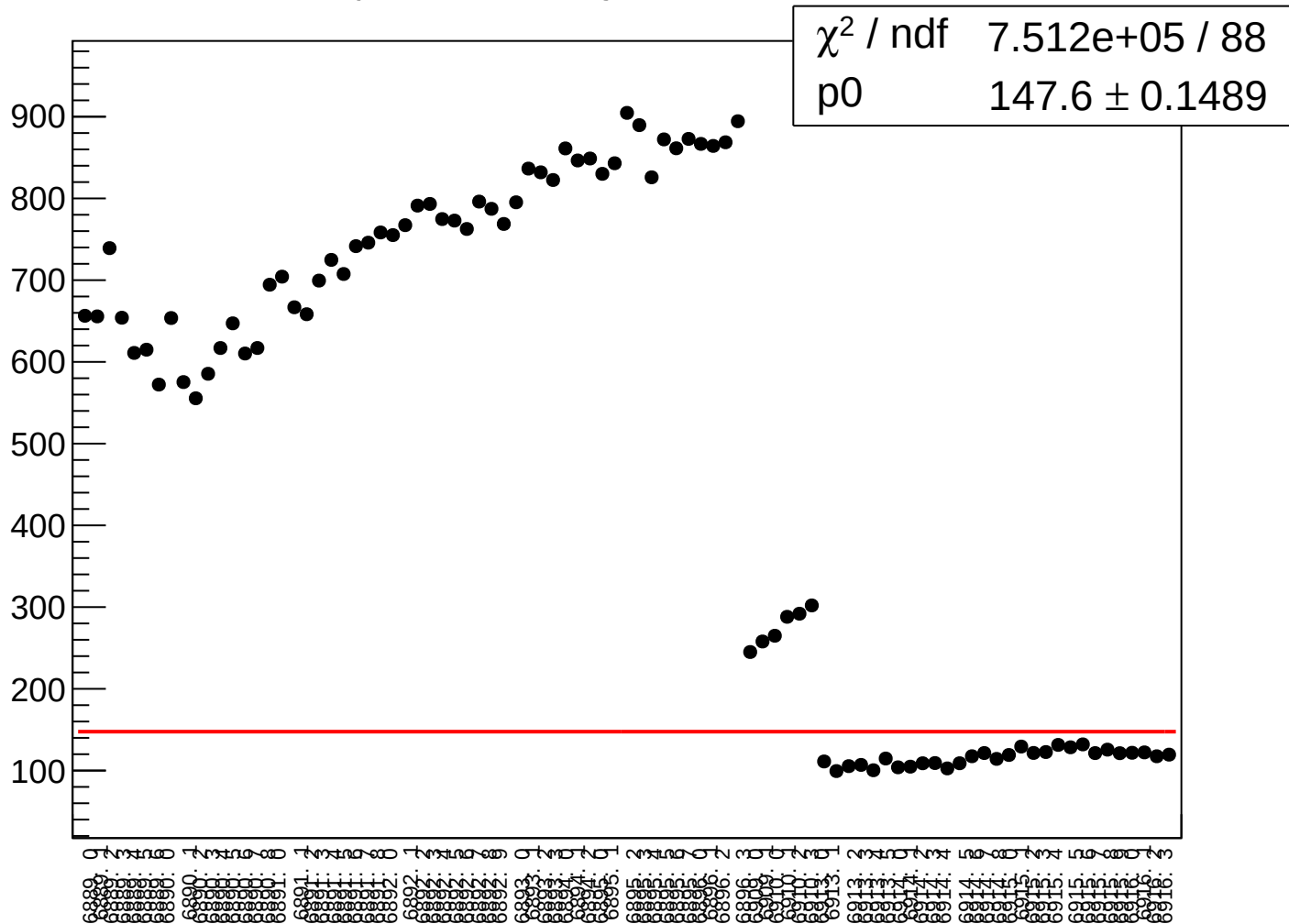
asym_bcm_dg_us_rms vs run



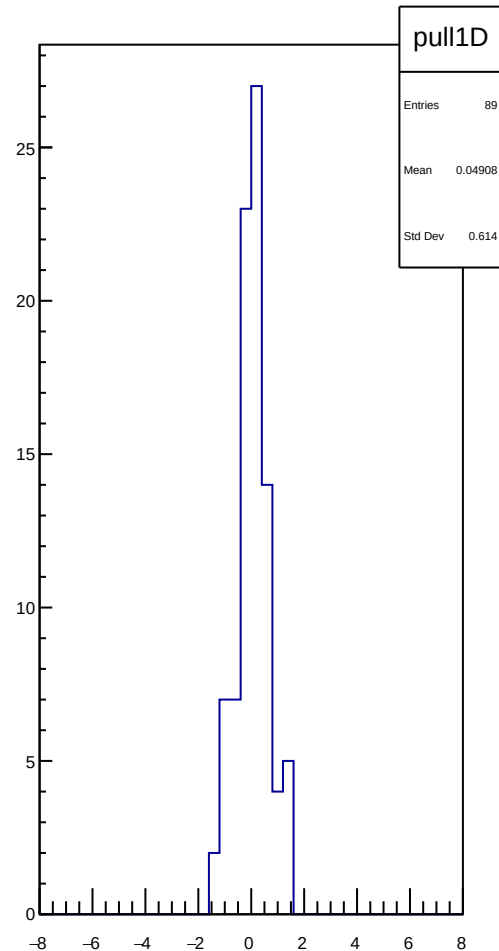
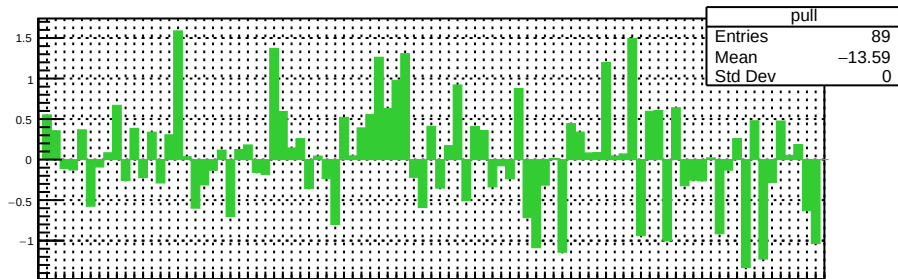
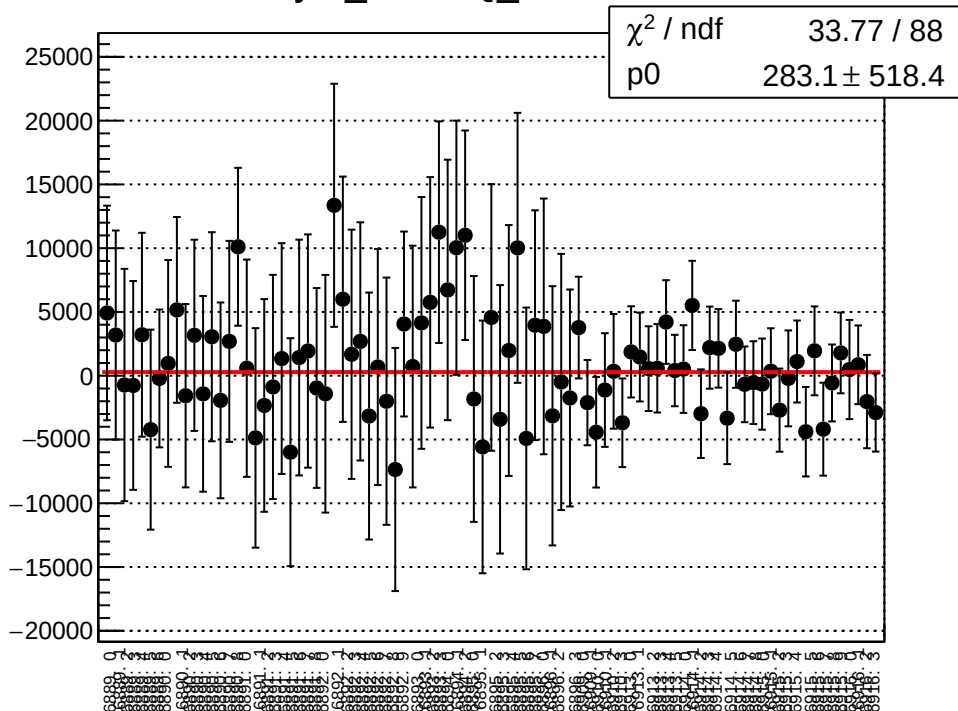
asym_bcm_dg_ds_mean vs run



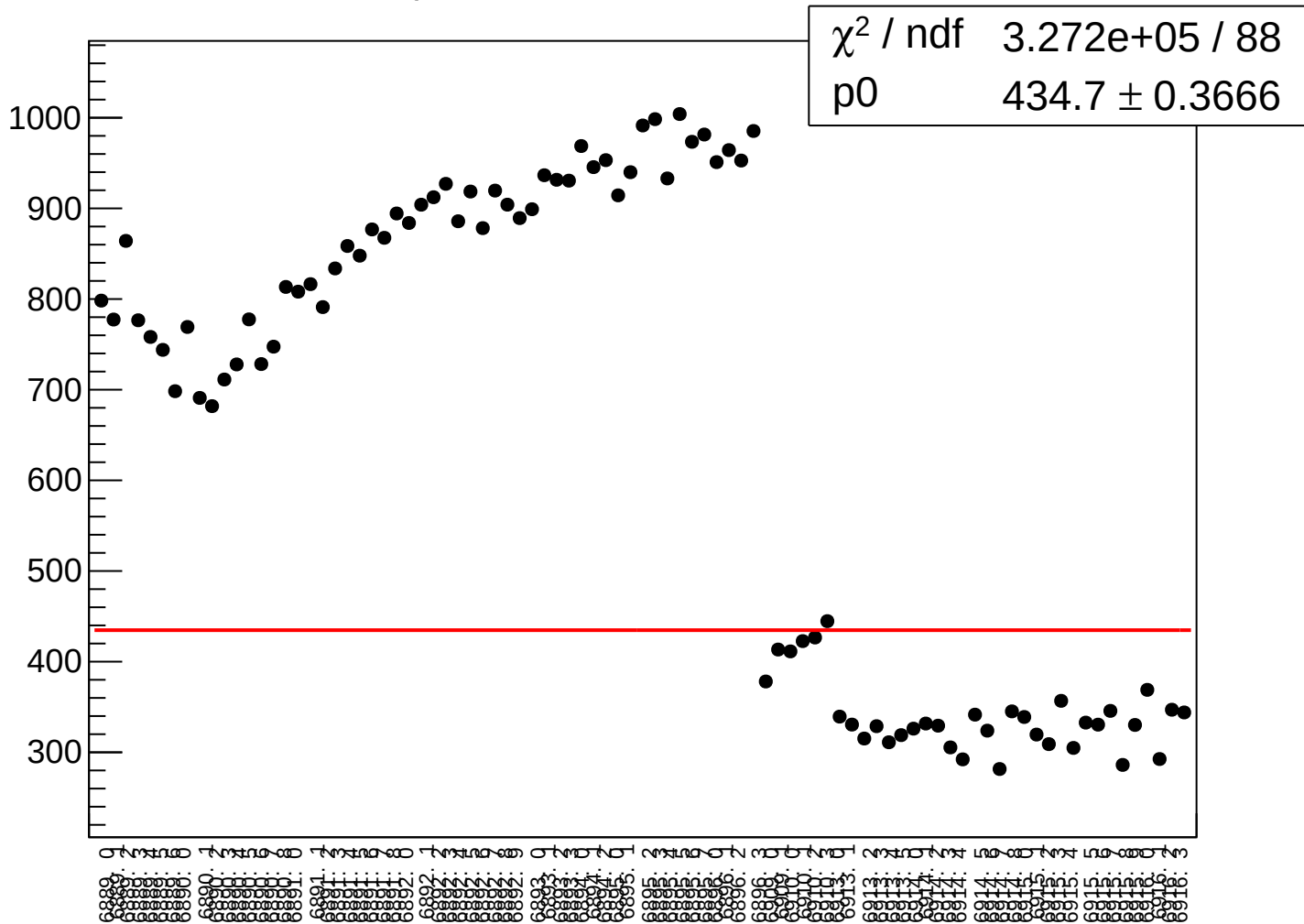
asym_bcm_dg_ds_rms vs run



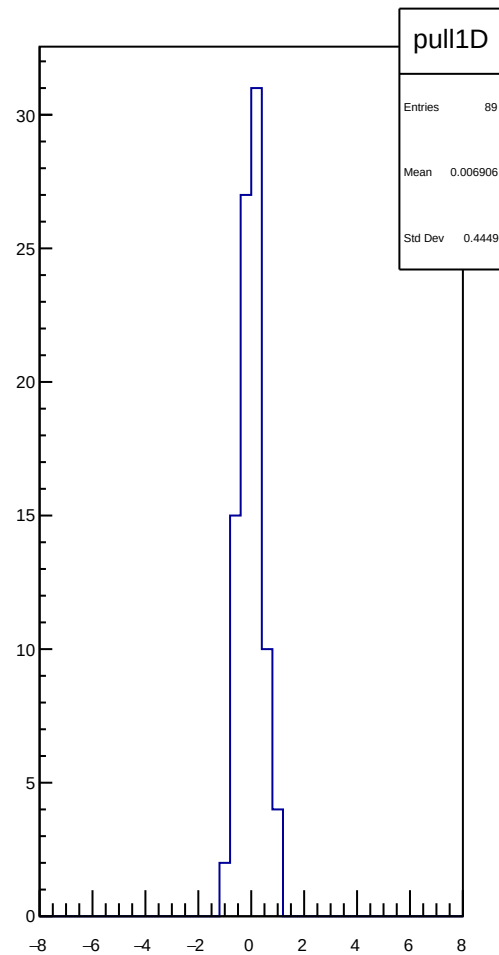
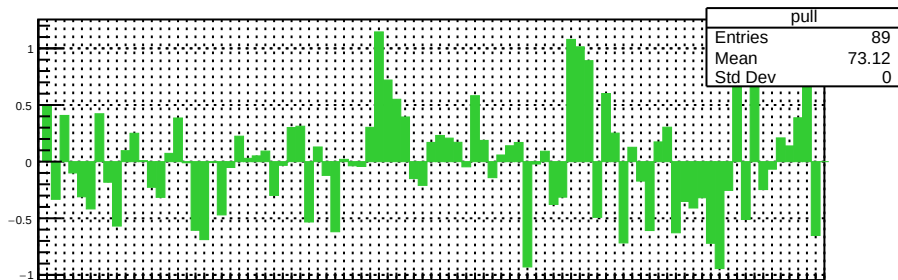
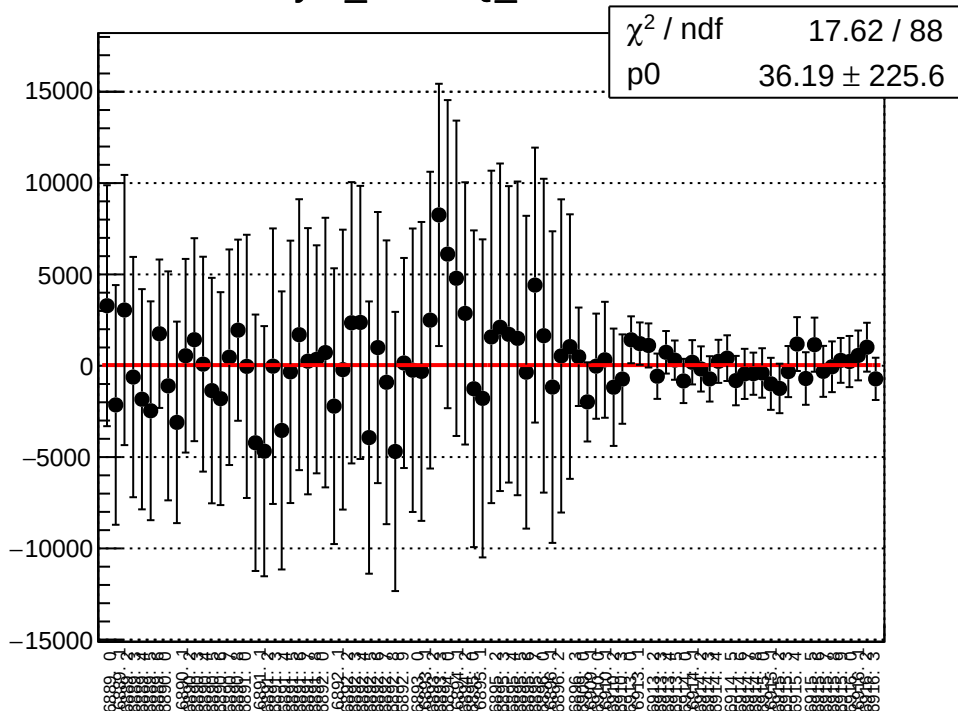
asym_cav4bQ_mean vs run



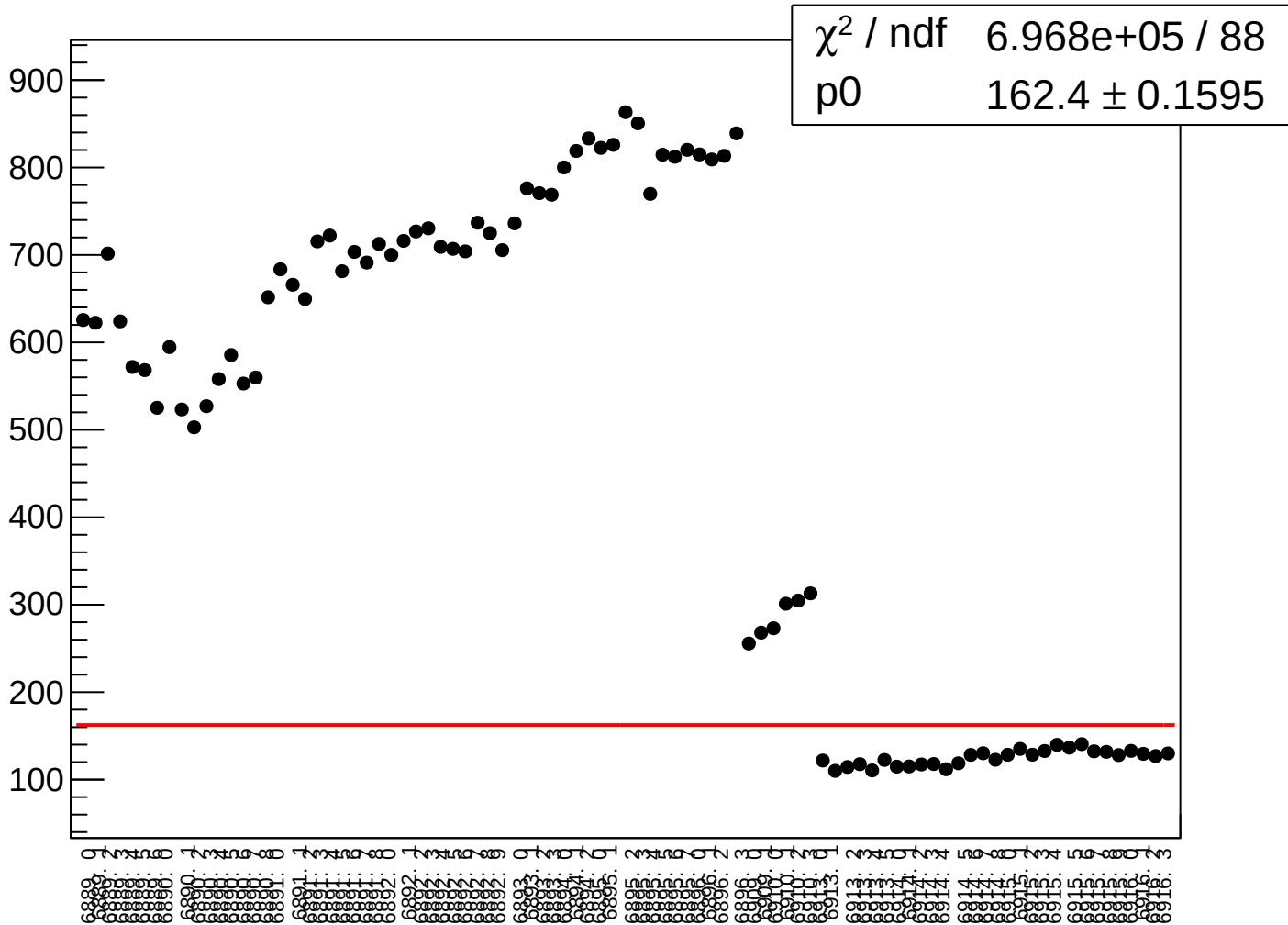
asym_cav4bQ_rms vs run



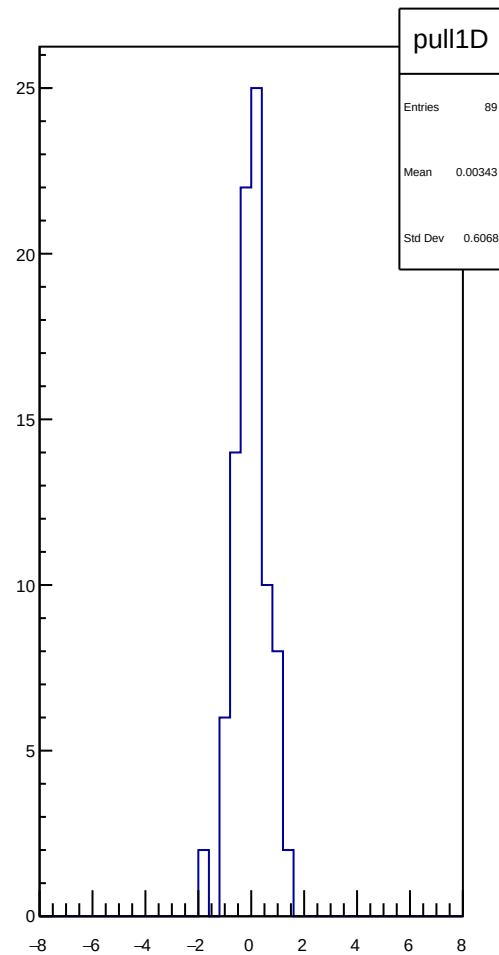
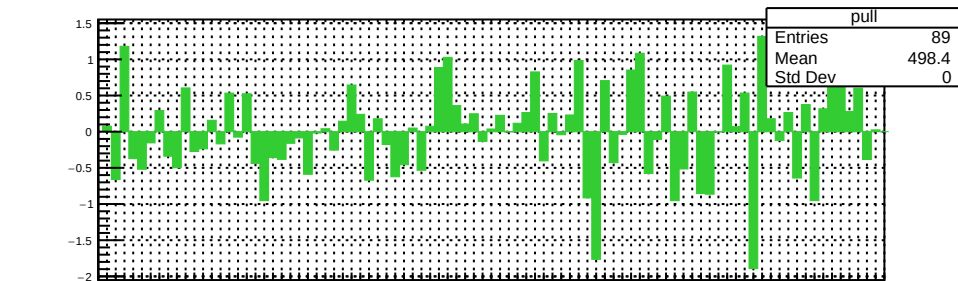
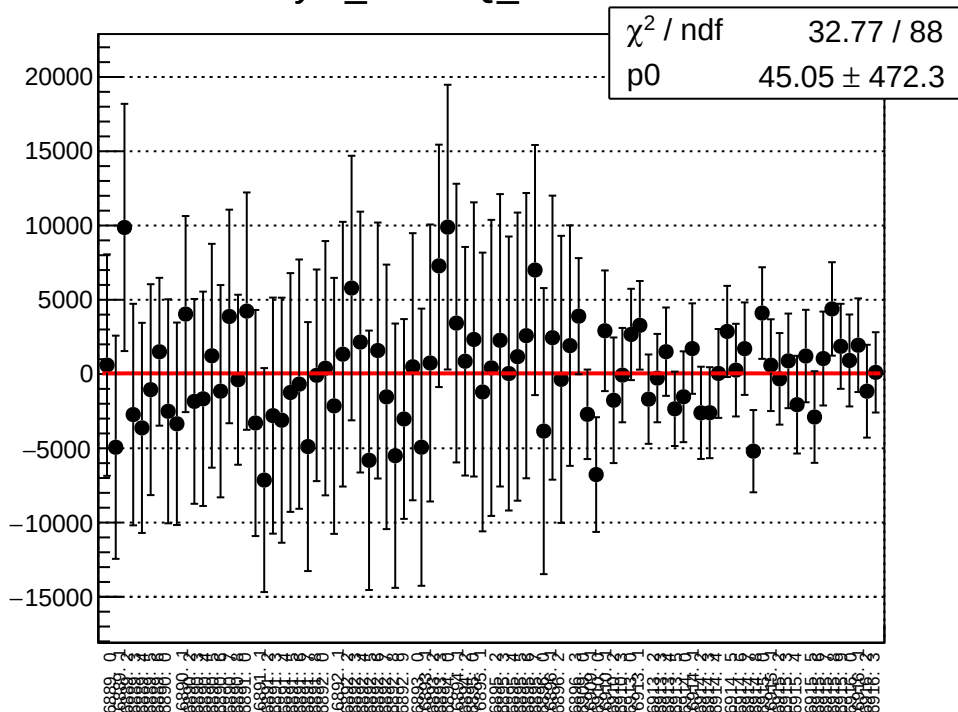
asym_cav4cQ_mean vs run



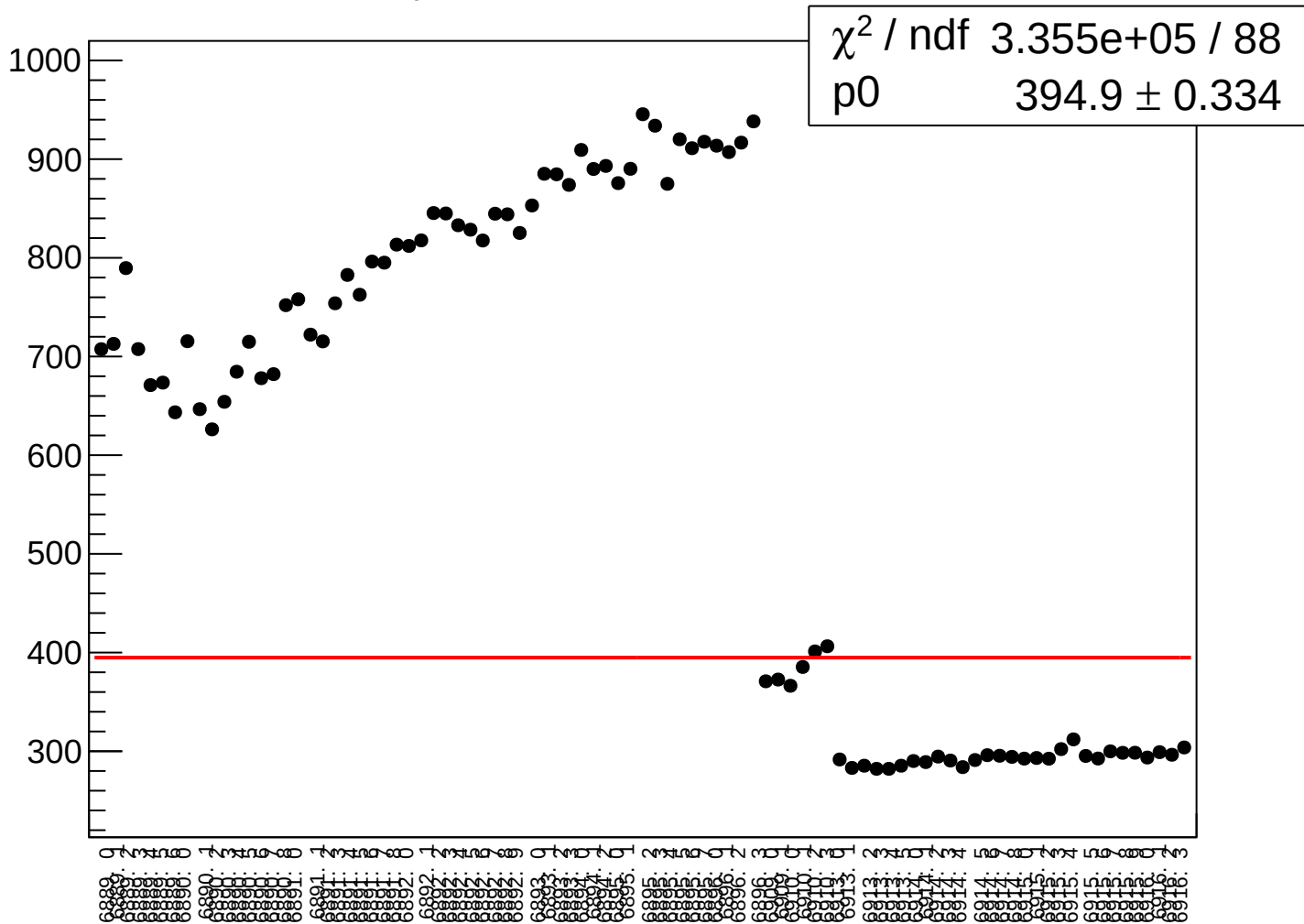
asym_cav4cQ_rms vs run



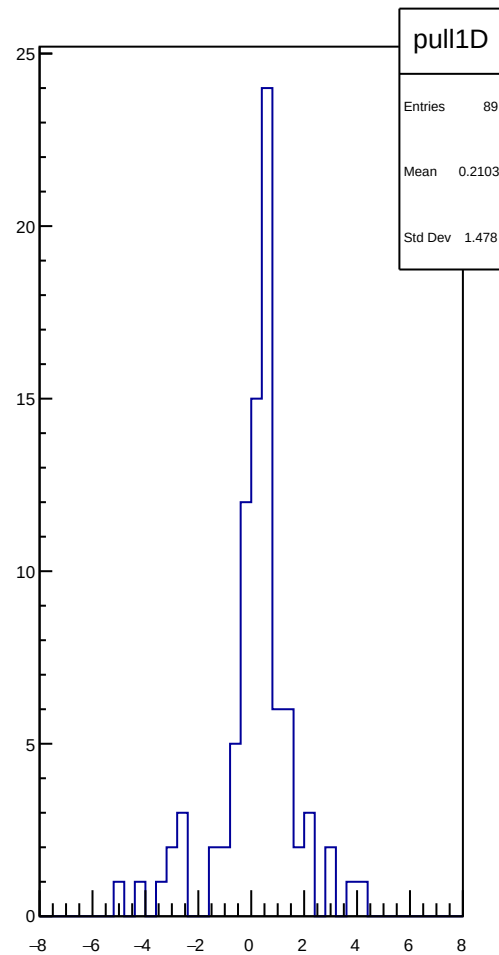
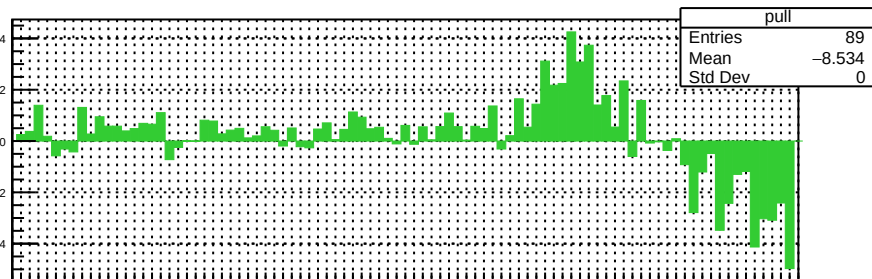
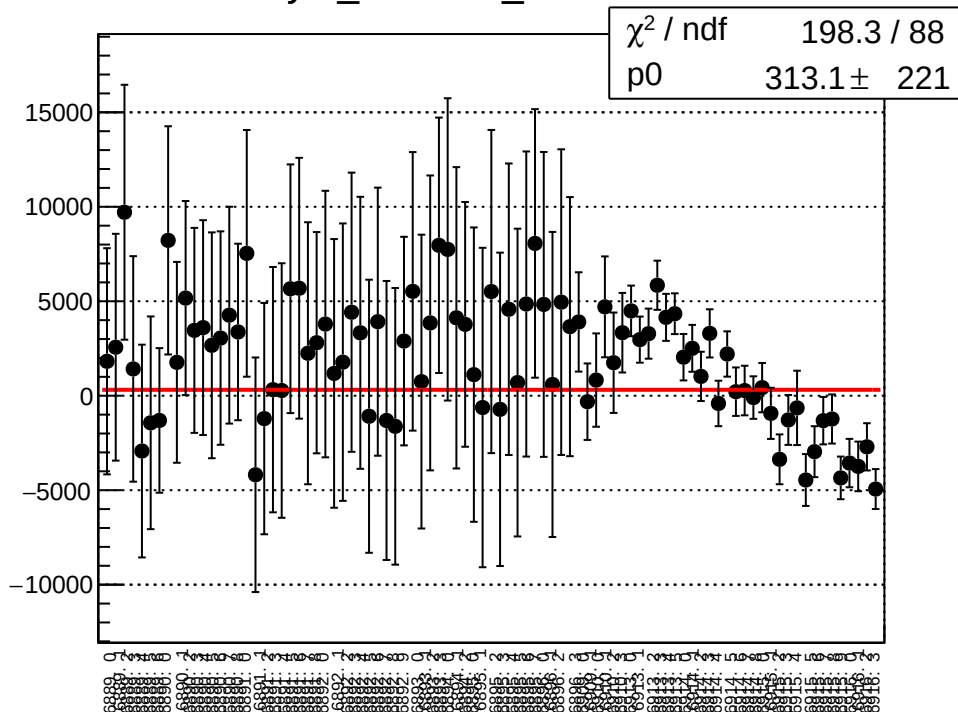
asym_cav4dQ_mean vs run



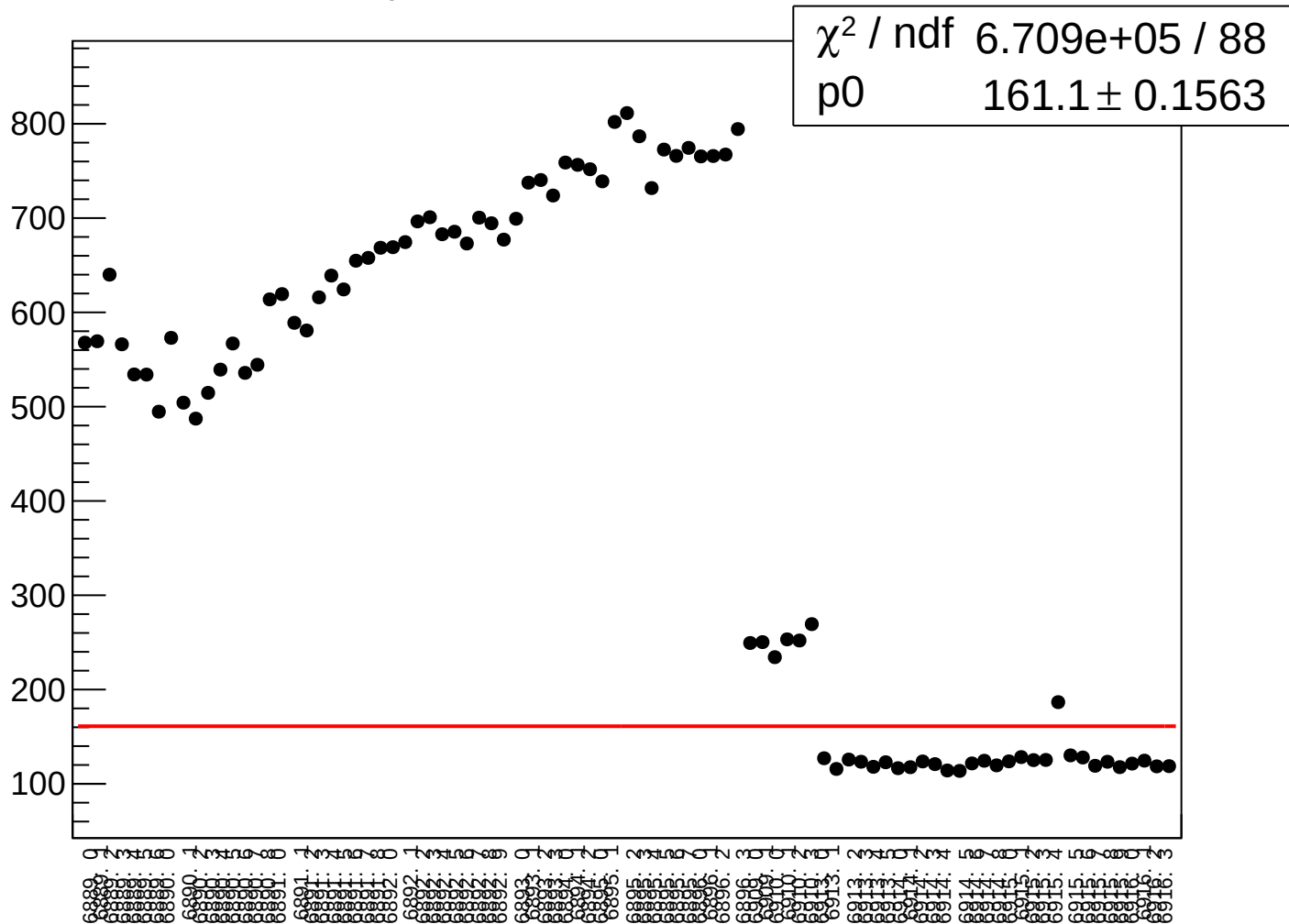
asym_cav4dQ_rms vs run



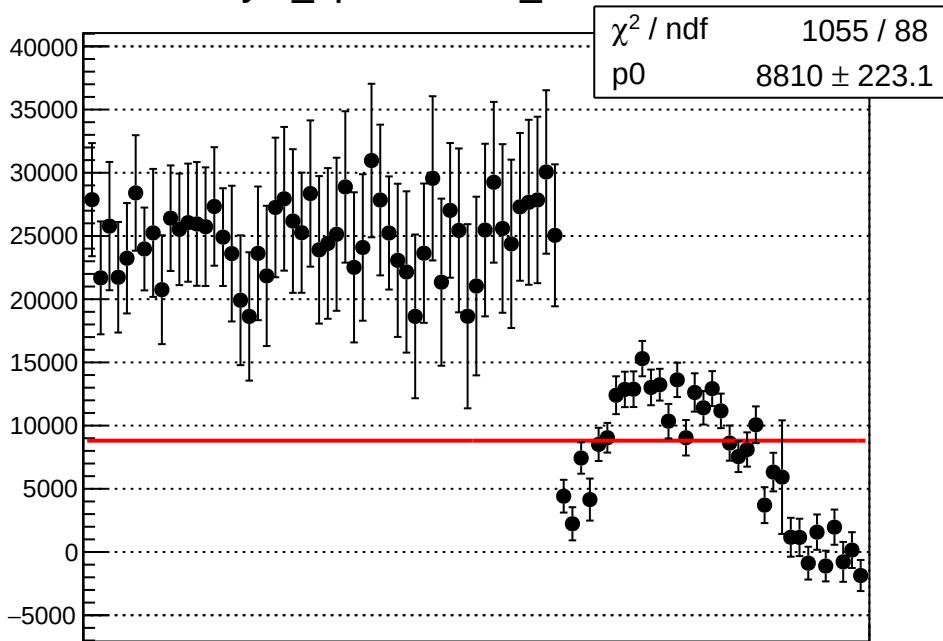
asym_bcm0l02_mean vs run



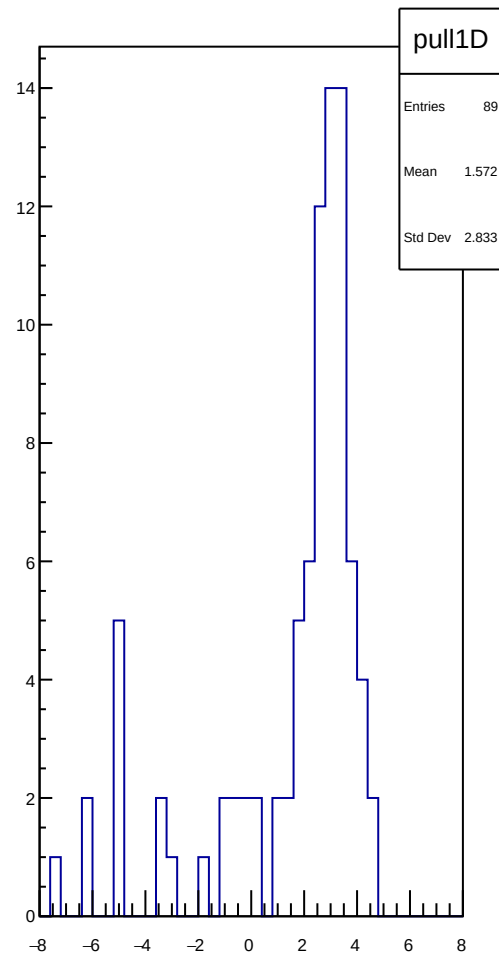
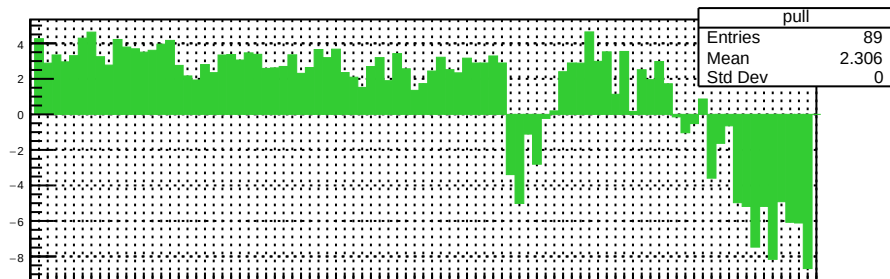
asym_bcm0l02_rms vs run



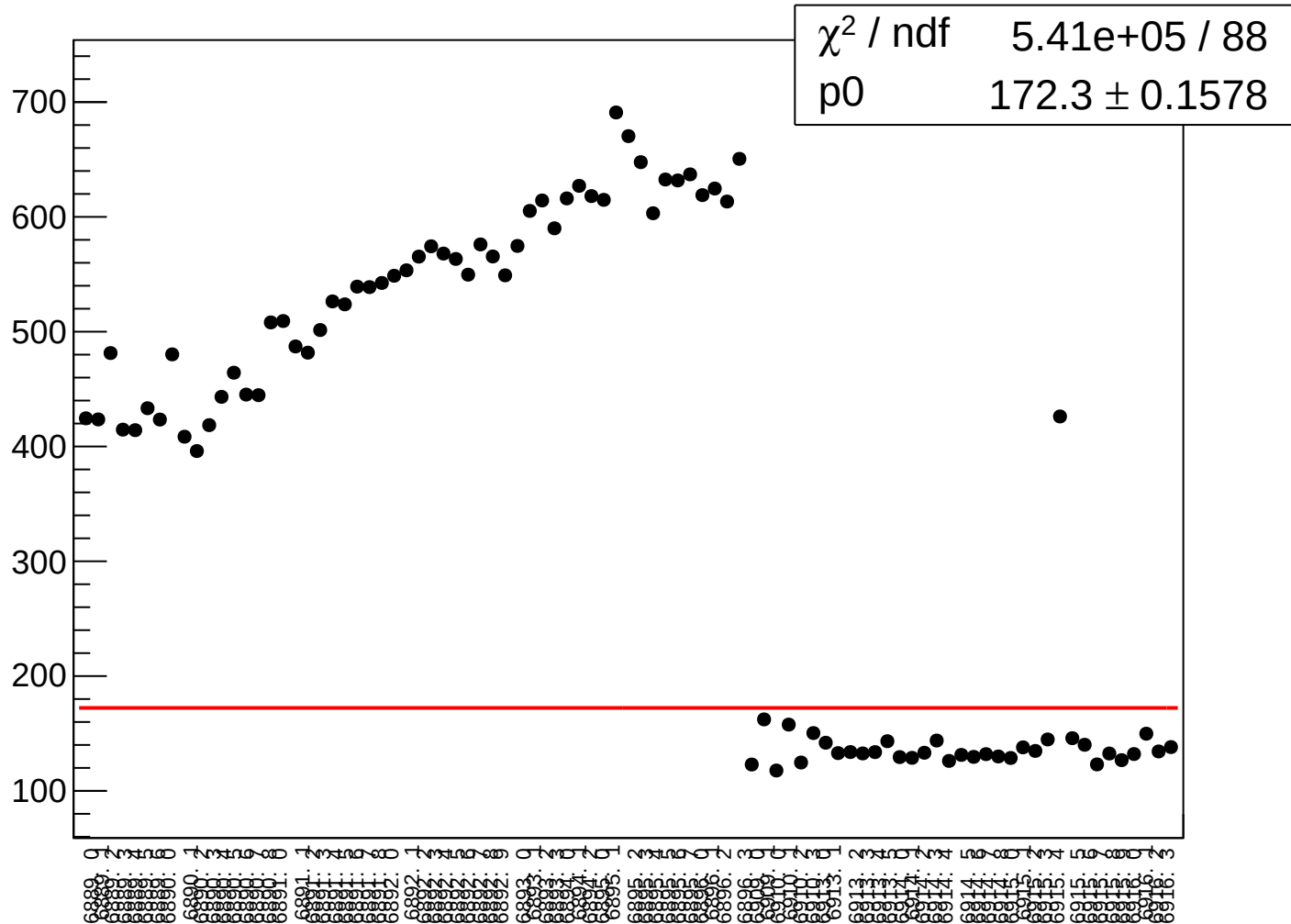
asym_bpm0i02WS_mean vs run



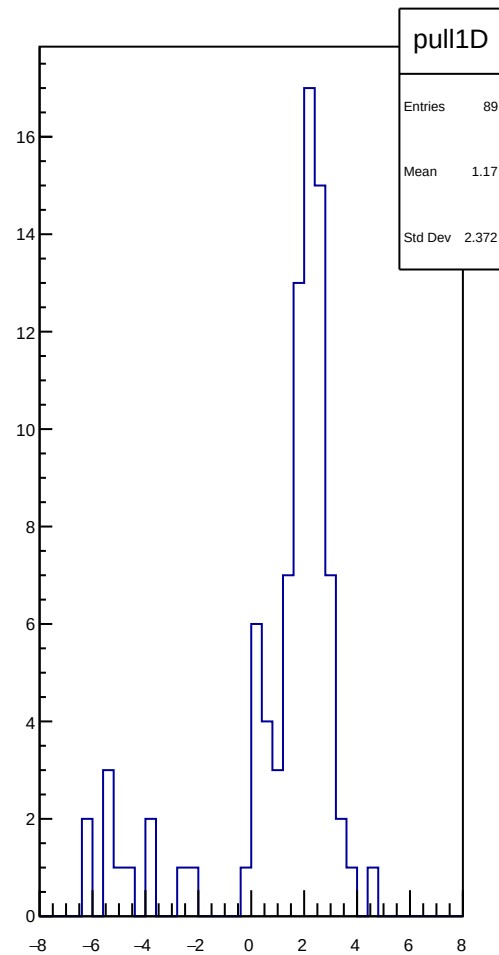
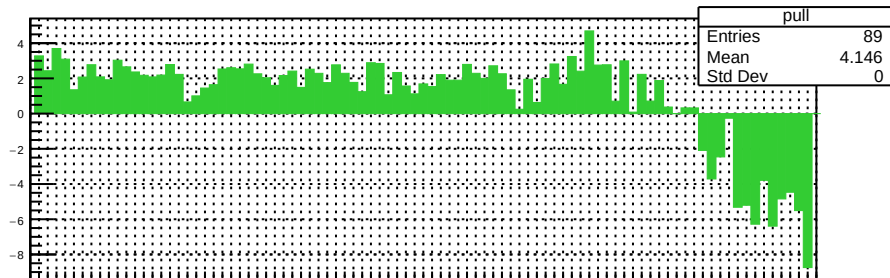
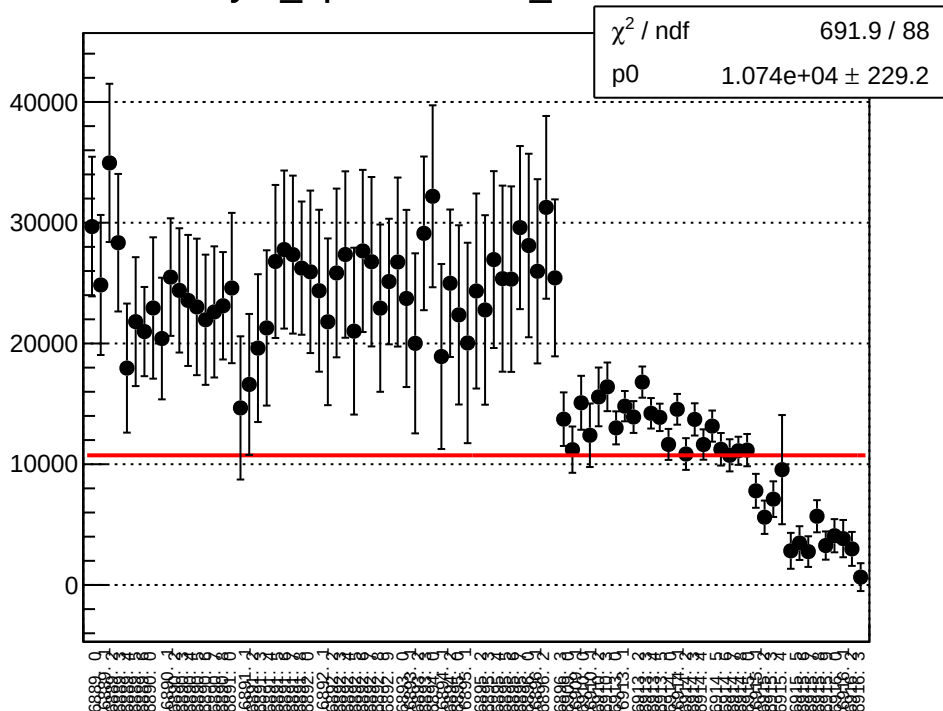
Correlation plot showing the relationship between the mean value of $\text{asym_bpm0i02WS_mean}$ and the run number. The plot displays a grid of small scatter plots for different subsets of the data.



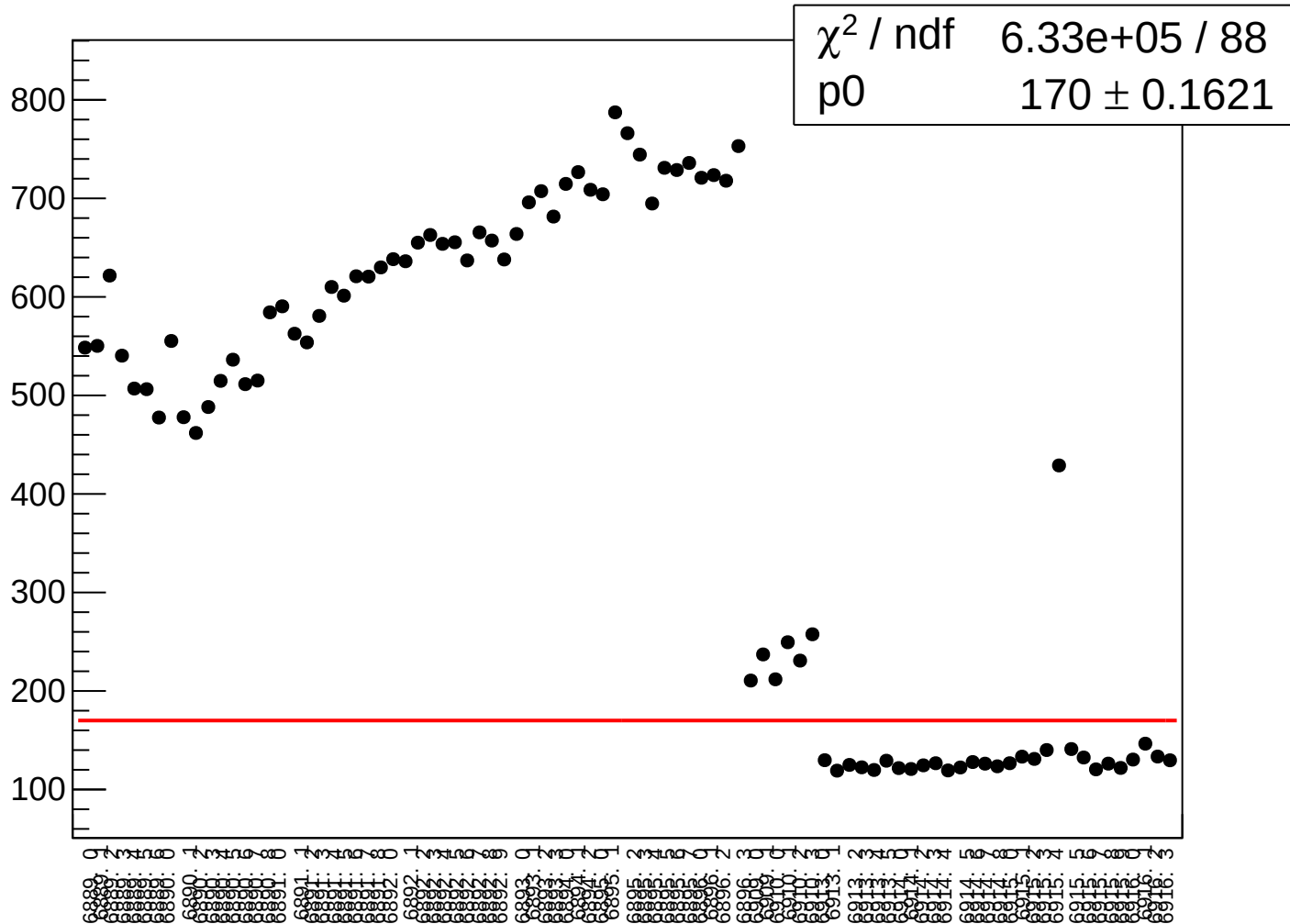
asym_bpm0i02WS_rms vs run



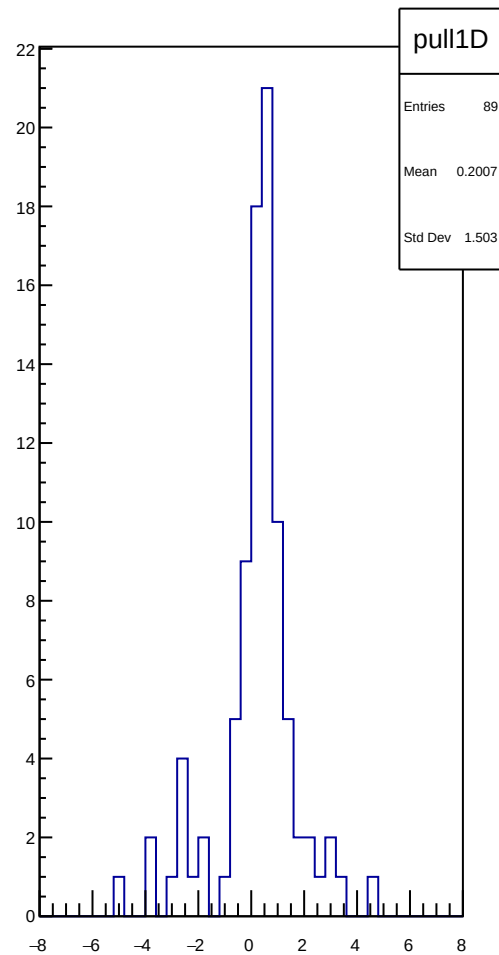
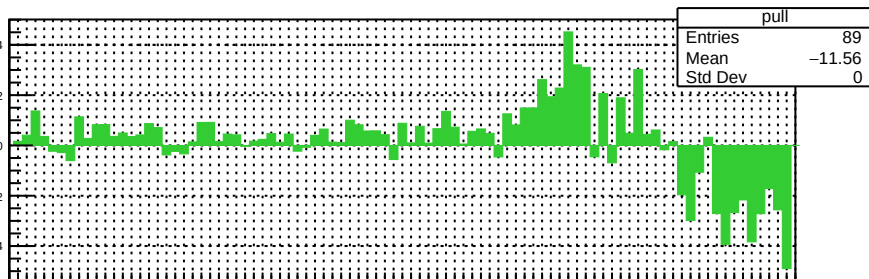
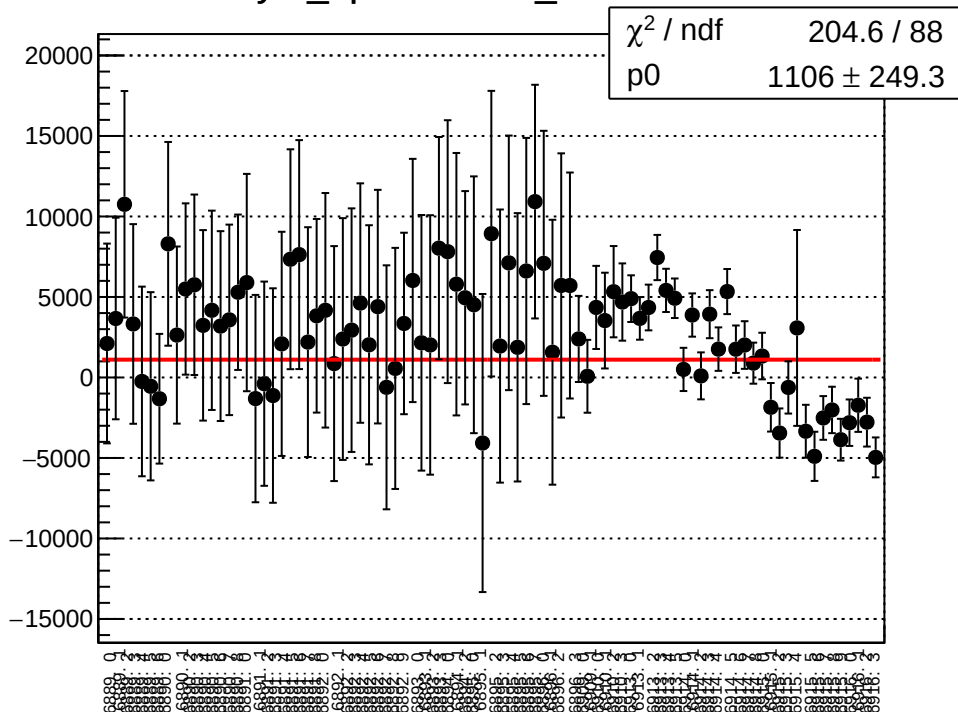
asym_bpm0i02aWS_mean vs run



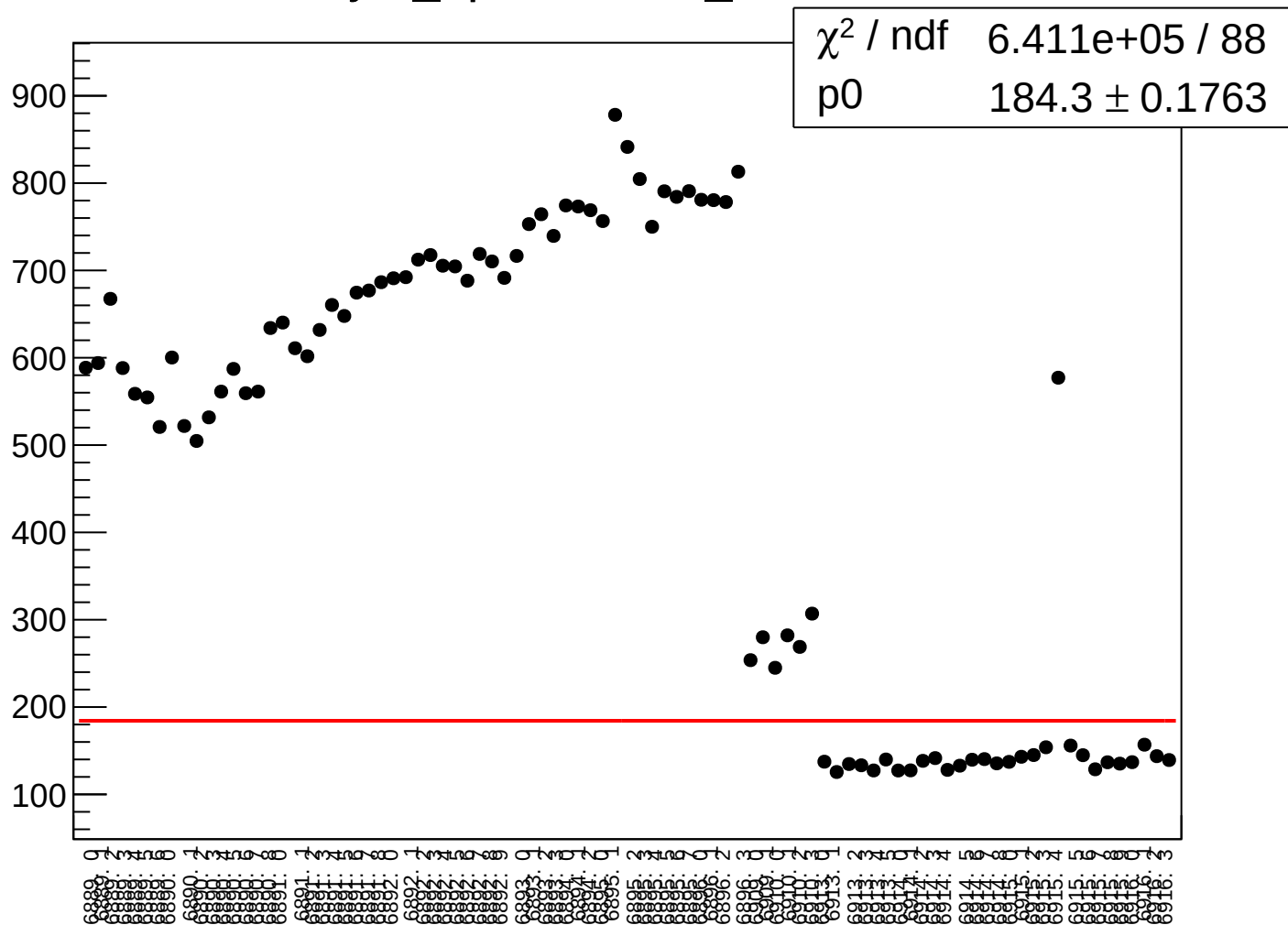
asym_bpm0i02aWS_rms vs run



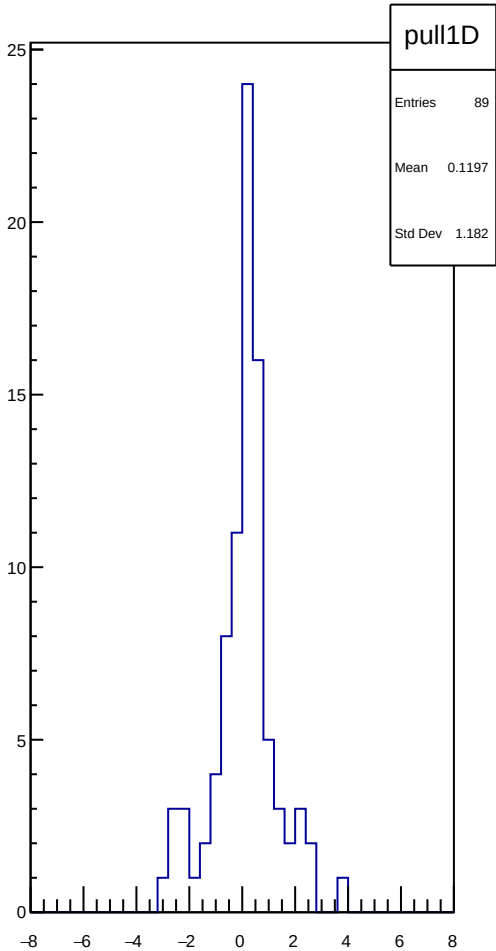
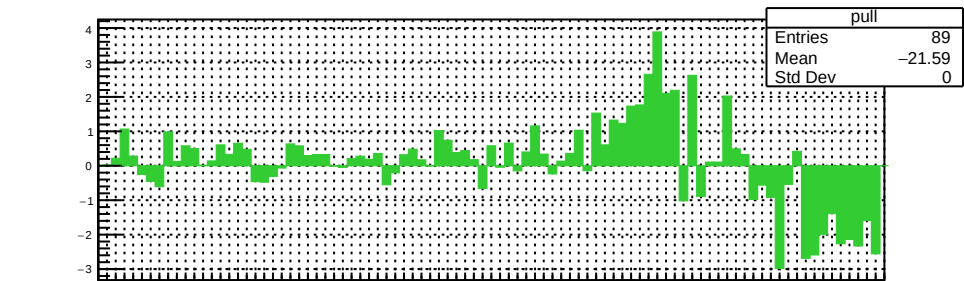
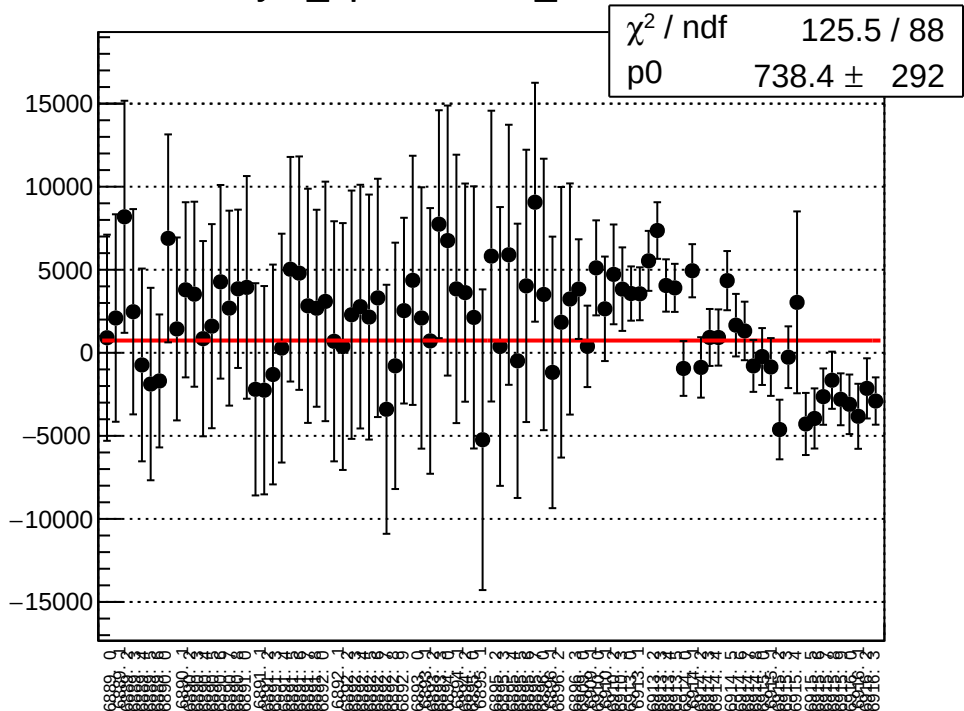
asym_bpm0i05WS_mean vs run



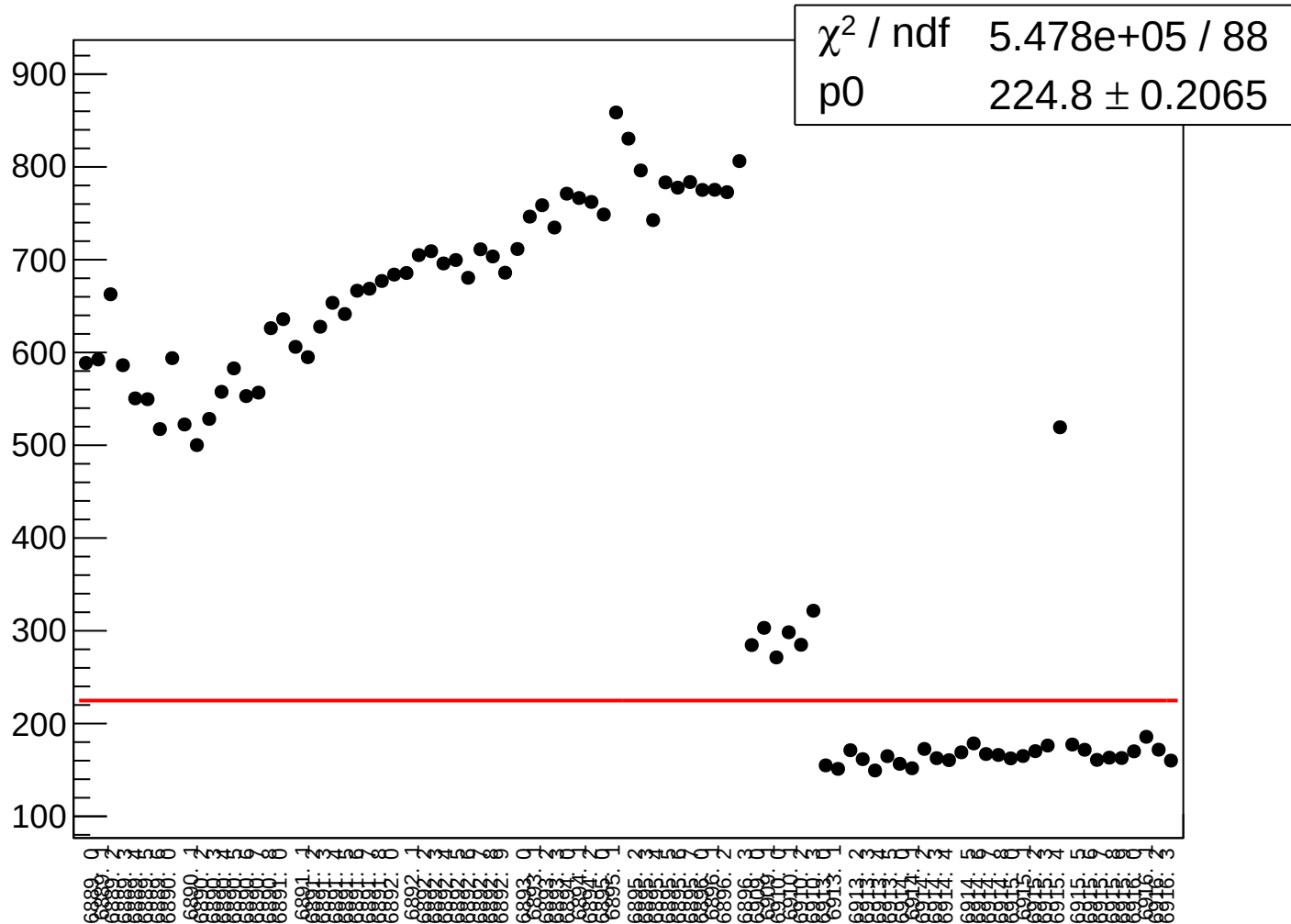
asym_bpm0i05WS_rms vs run



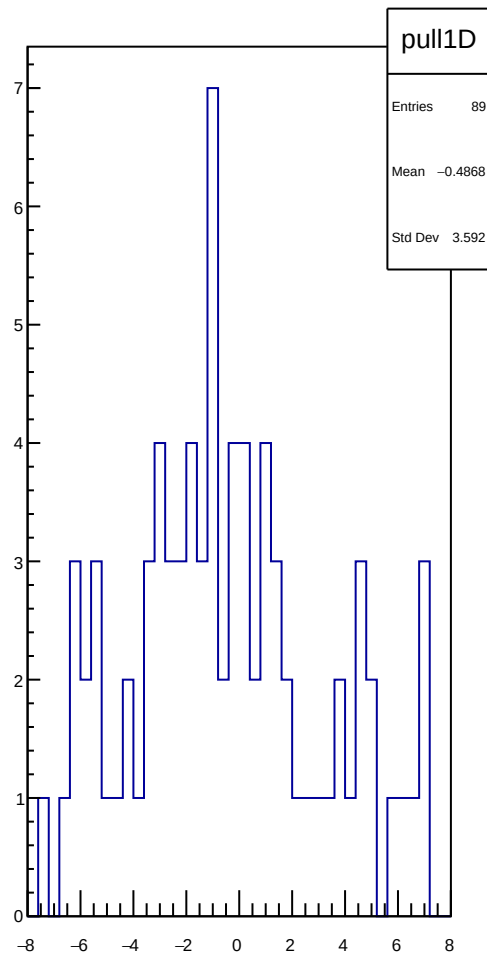
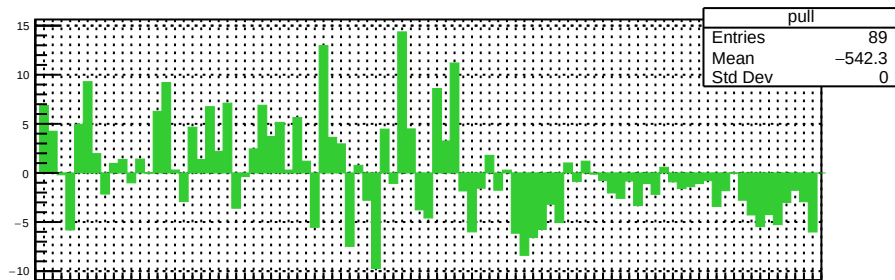
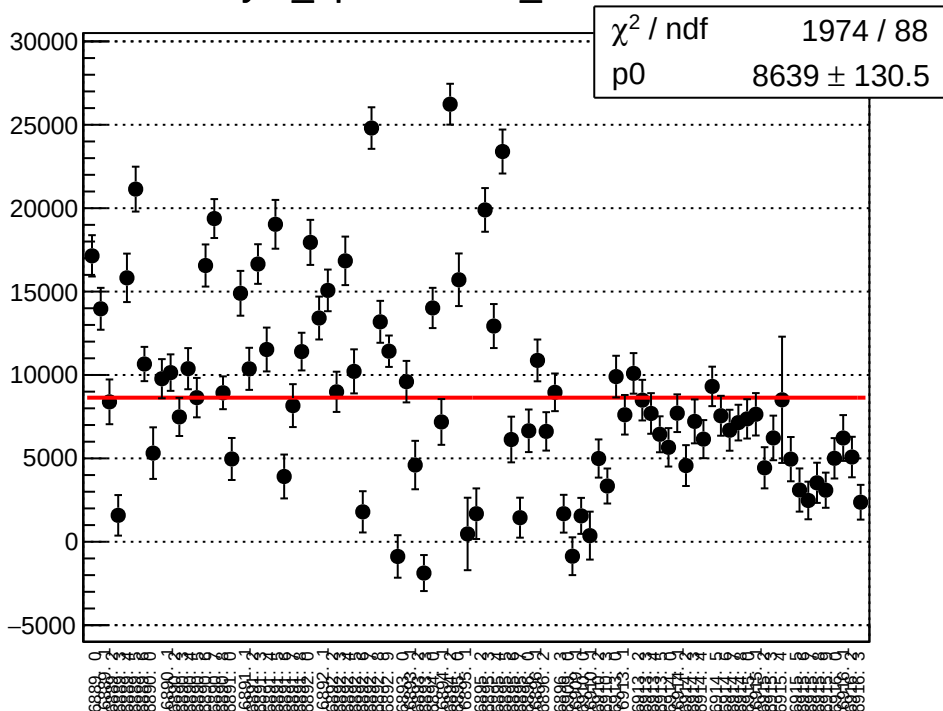
asym_bpm0i07WS_mean vs run



asym_bpm0i07WS_rms vs run

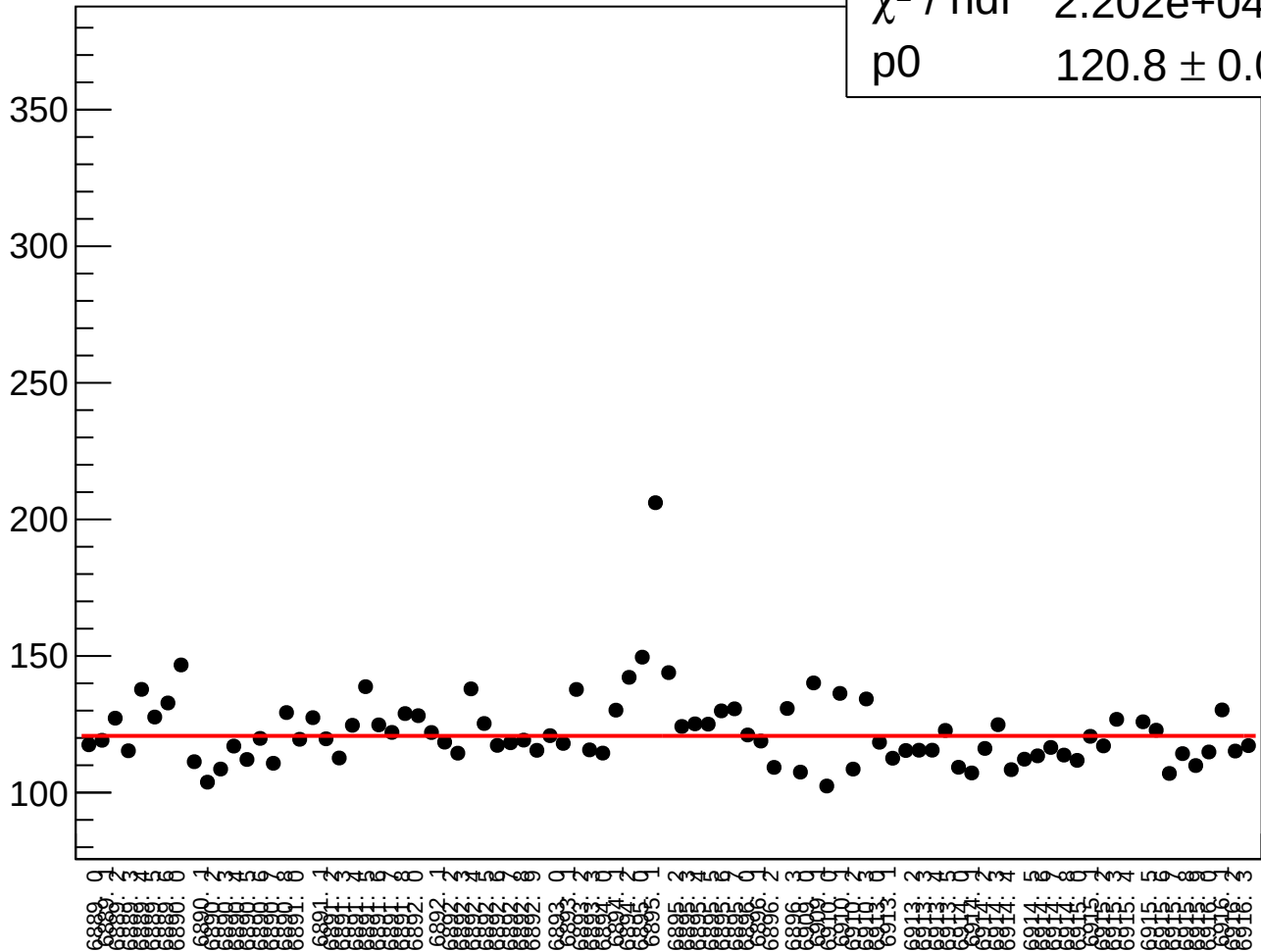


asym_bpm1i02WS_mean vs run

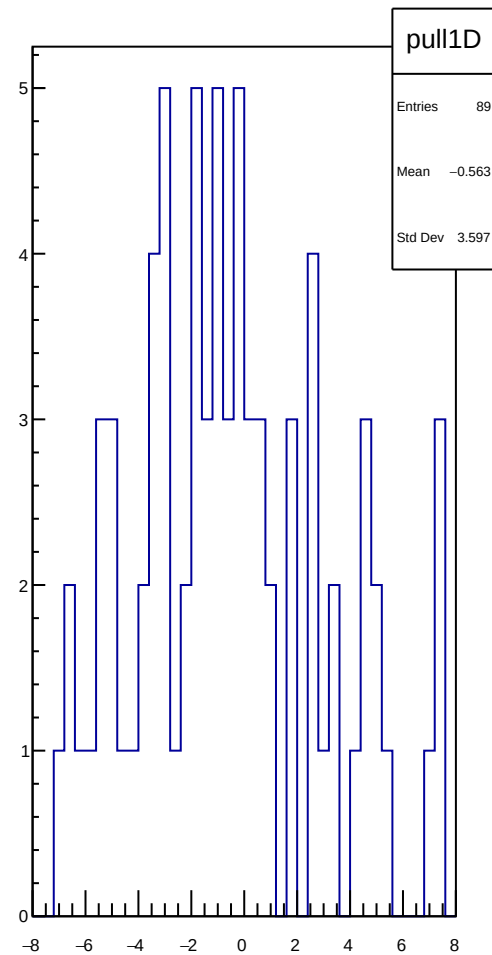
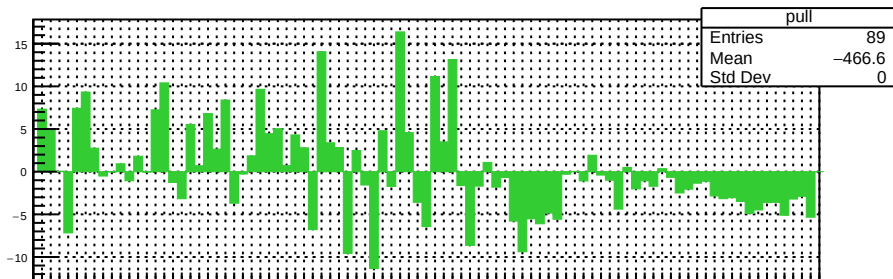
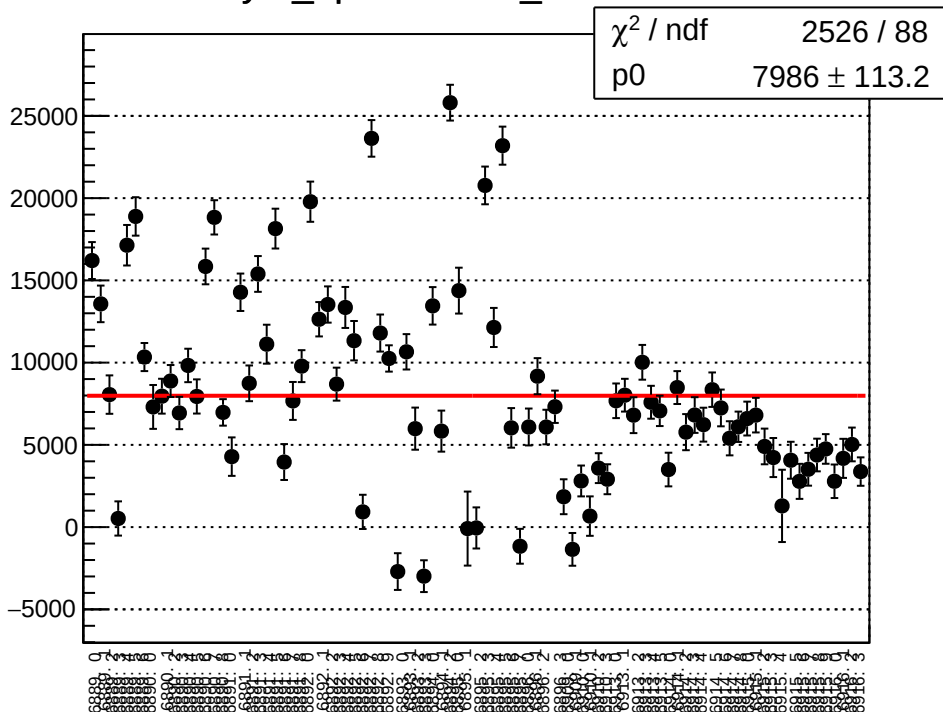


asym_bpm1i02WS_rms vs run

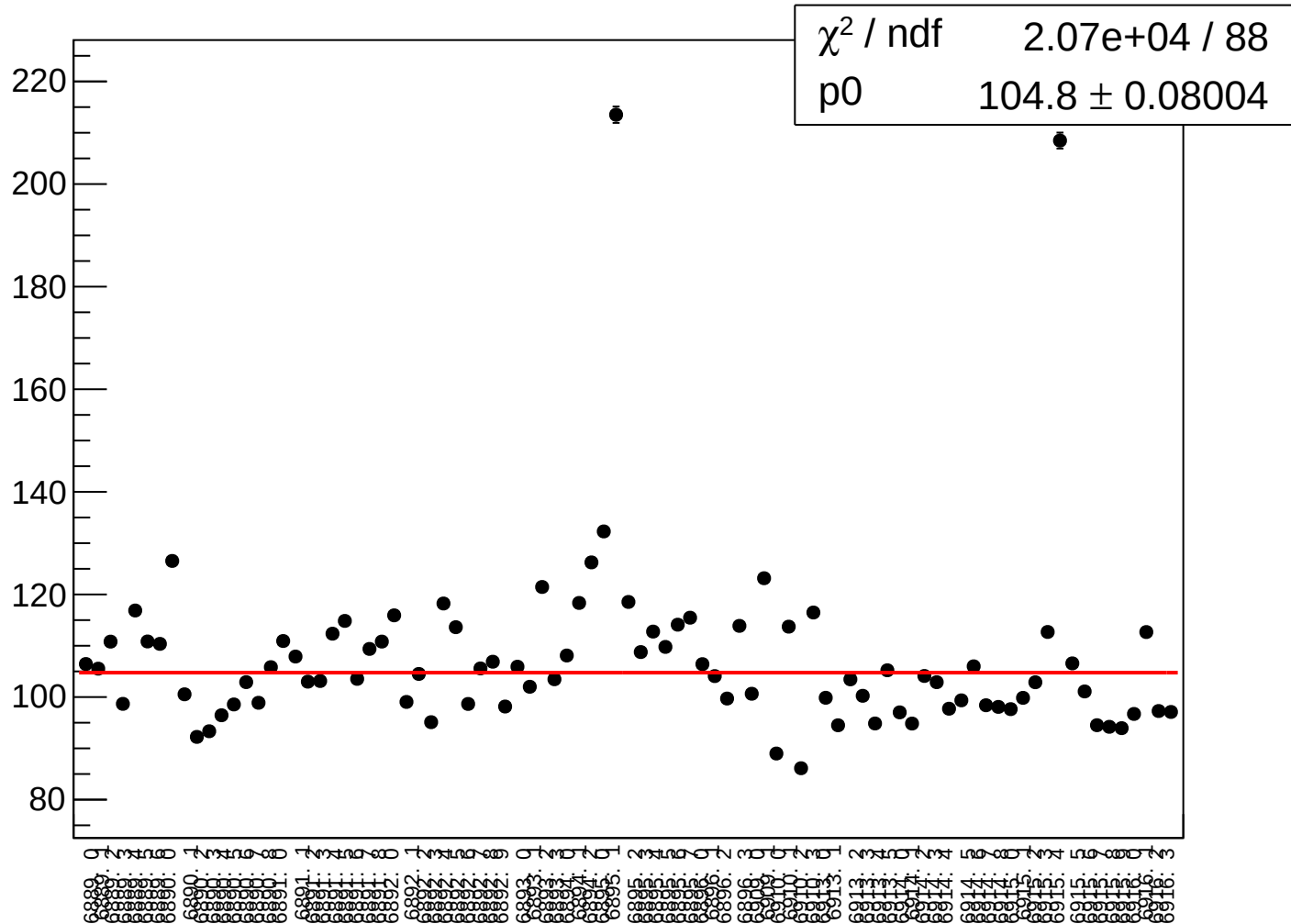
χ^2 / ndf	2.202e+04 / 88
p0	120.8 $\pm$ 0.0923



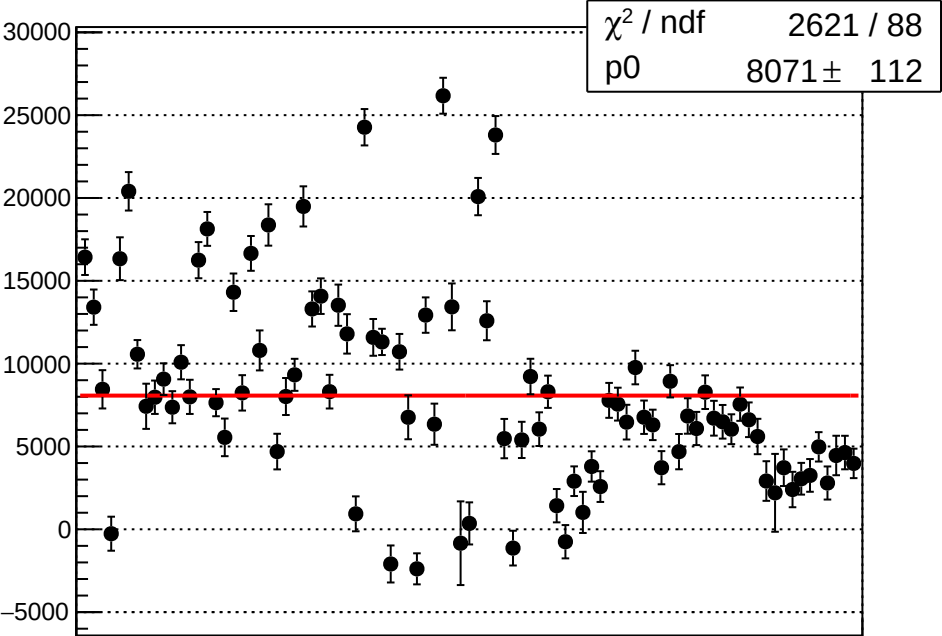
asym_bpm2i01WS_mean vs run



asym_bpm2i01WS_rms vs run

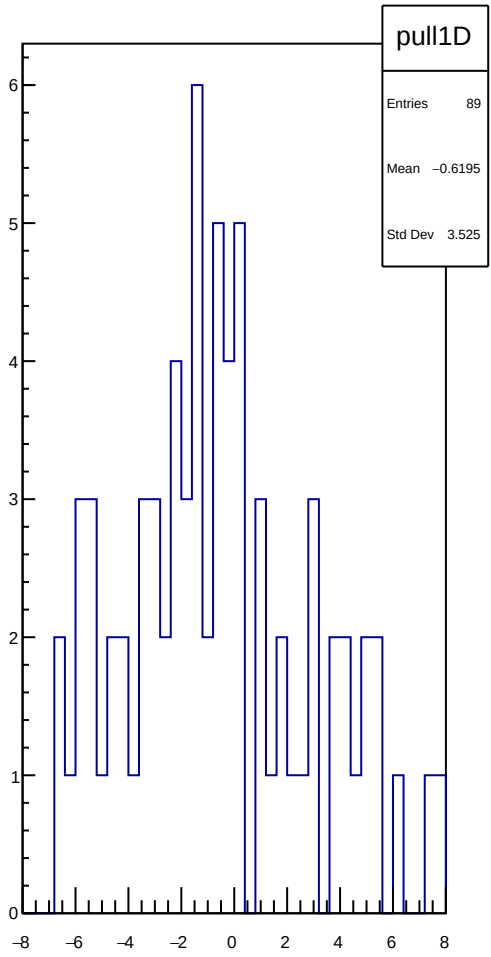
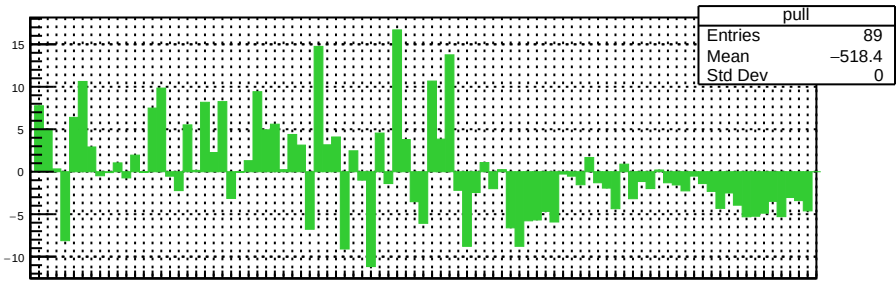


asym_bpm2i02WS_mean vs run

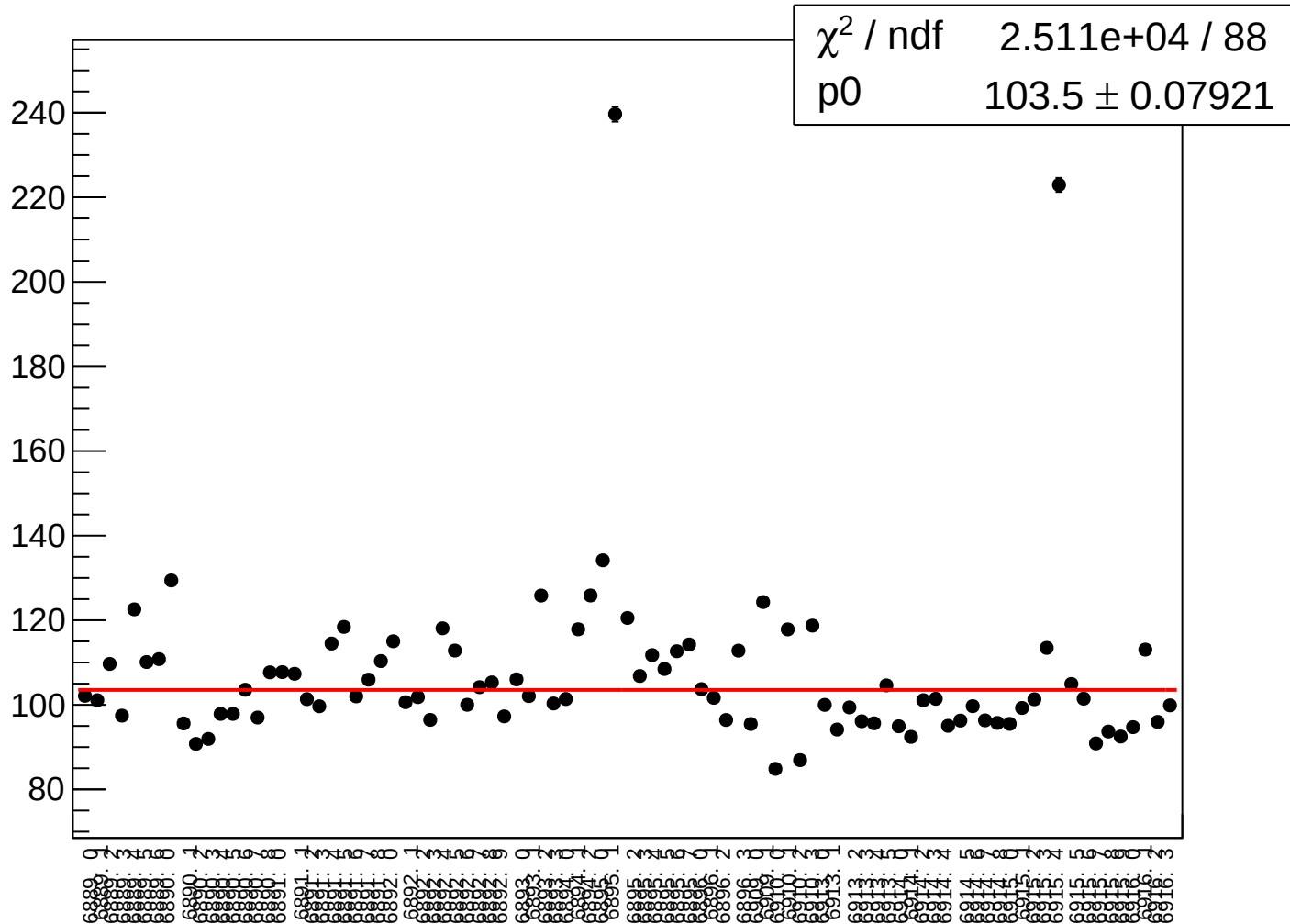


Correlation coefficients for pairs of variables:

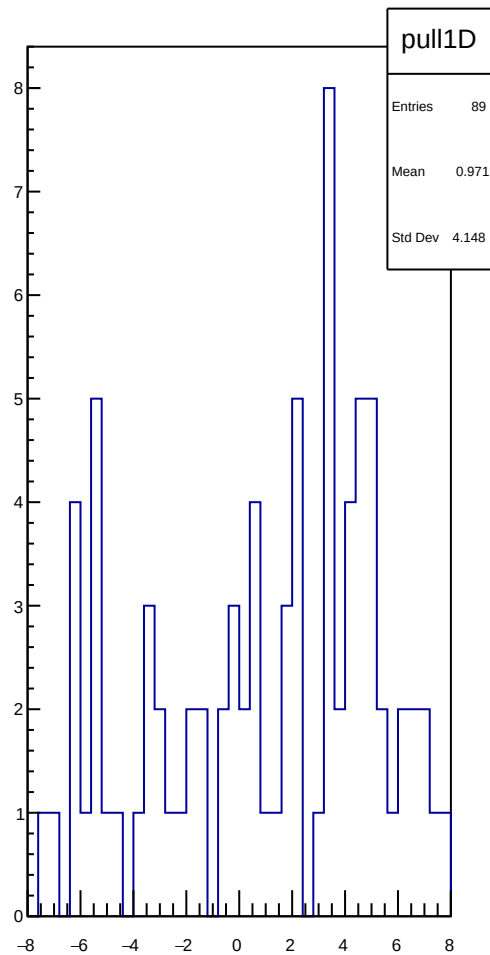
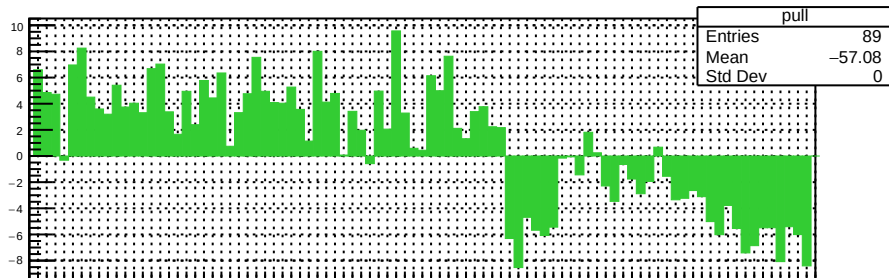
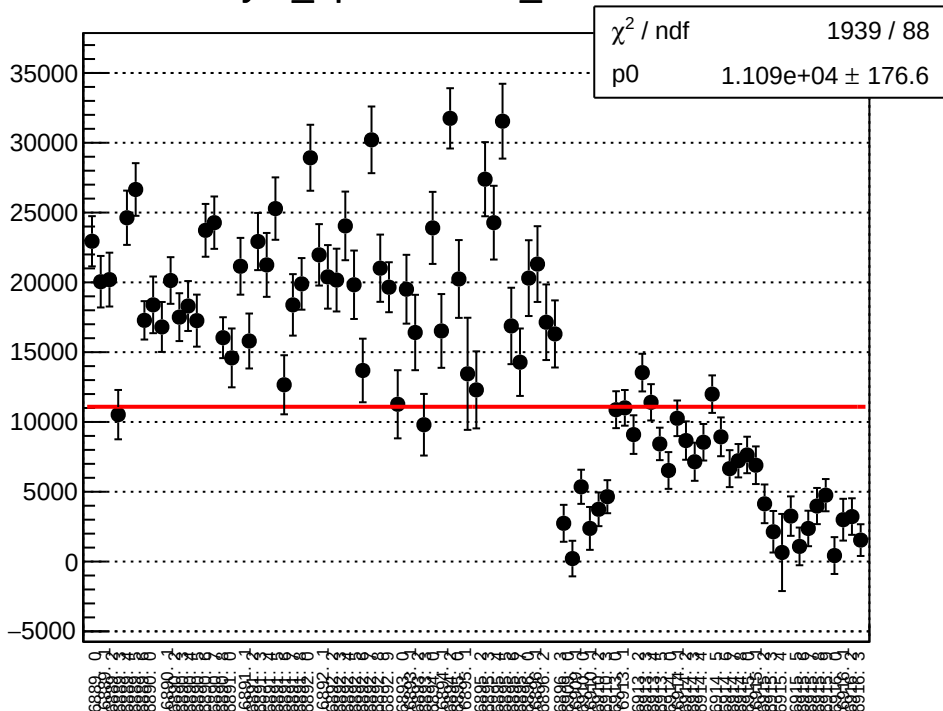
asym_bpm2i02WS_mean vs run	asym_bpm2i02WS_mean vs pull	asym_bpm2i02WS_mean vs pull1D
run vs asym_bpm2i02WS_mean	run vs pull	run vs pull1D
pull vs asym_bpm2i02WS_mean	pull vs pull	pull vs pull1D
pull1D vs asym_bpm2i02WS_mean	pull1D vs pull	pull1D vs pull1D



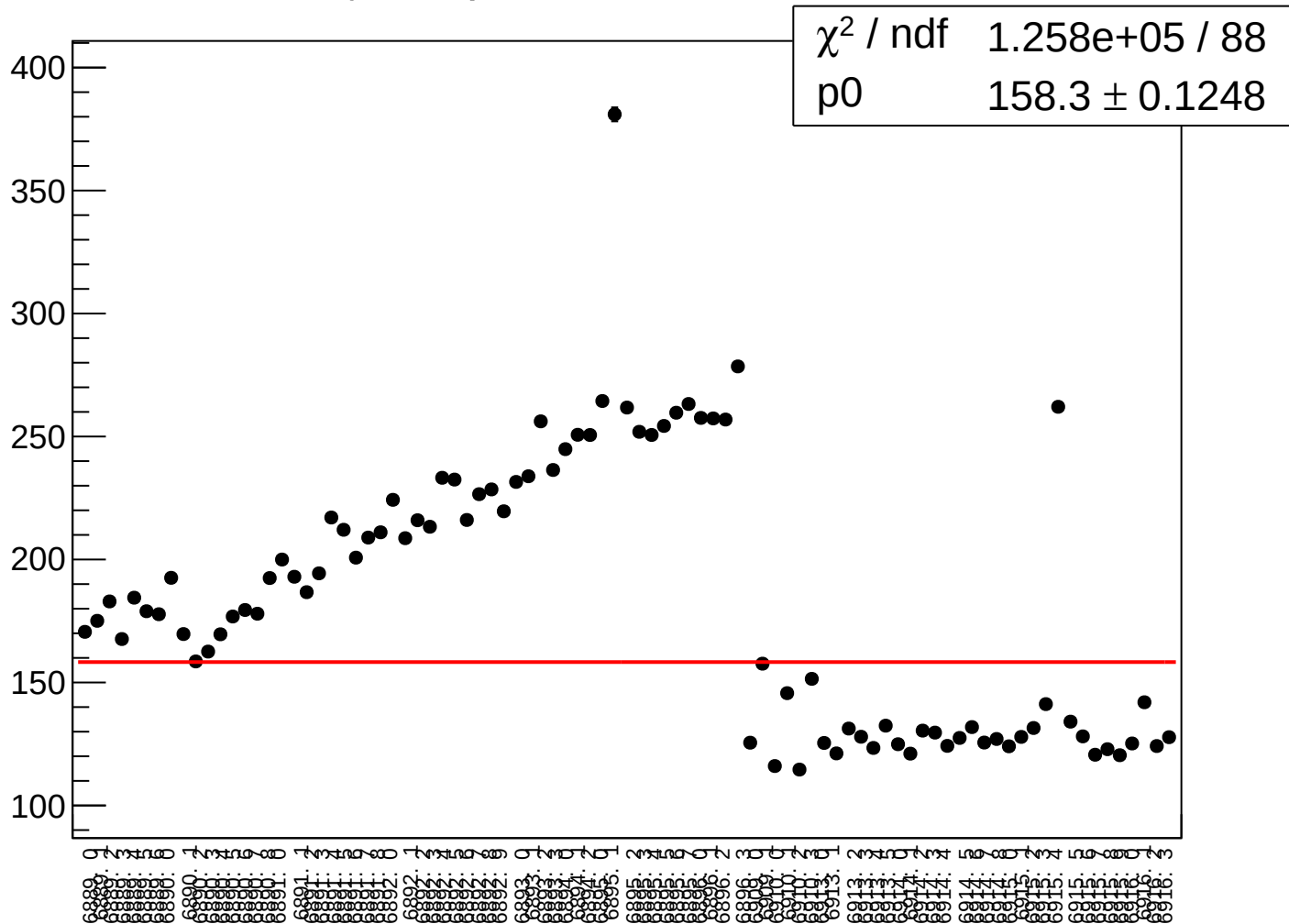
asym_bpm2i02WS_rms vs run



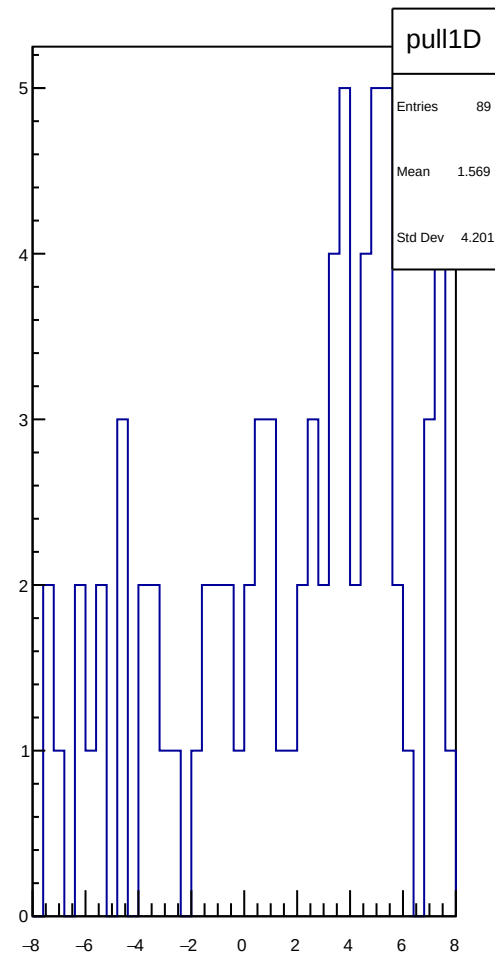
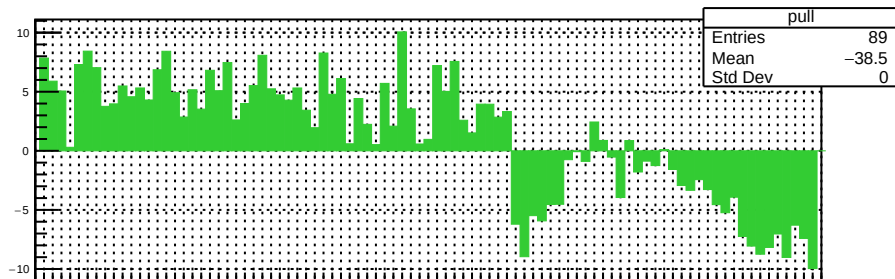
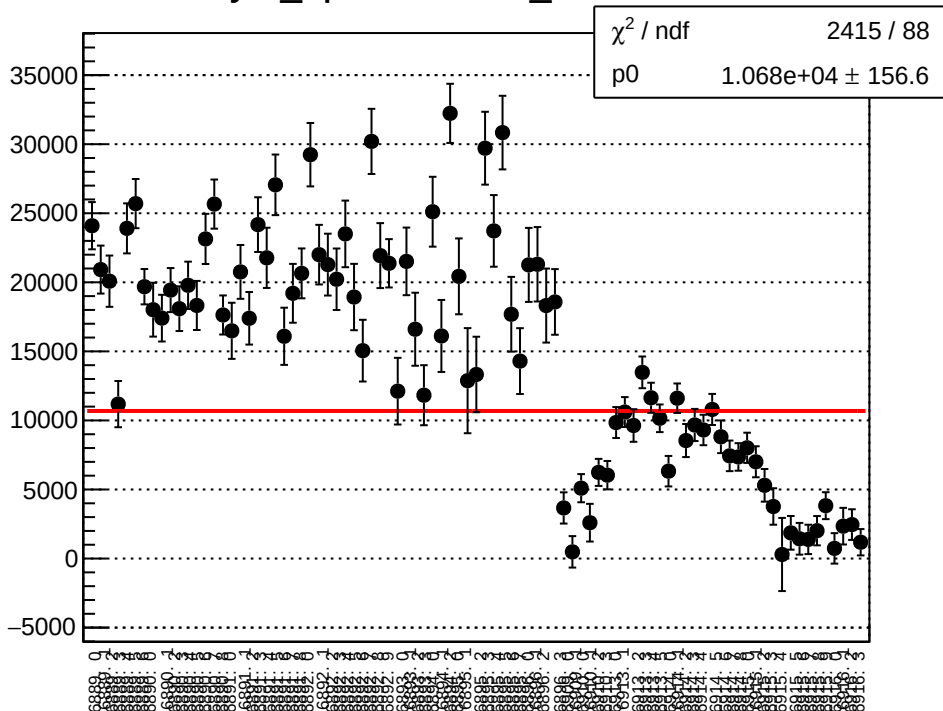
asym_bpm0i01WS_mean vs run



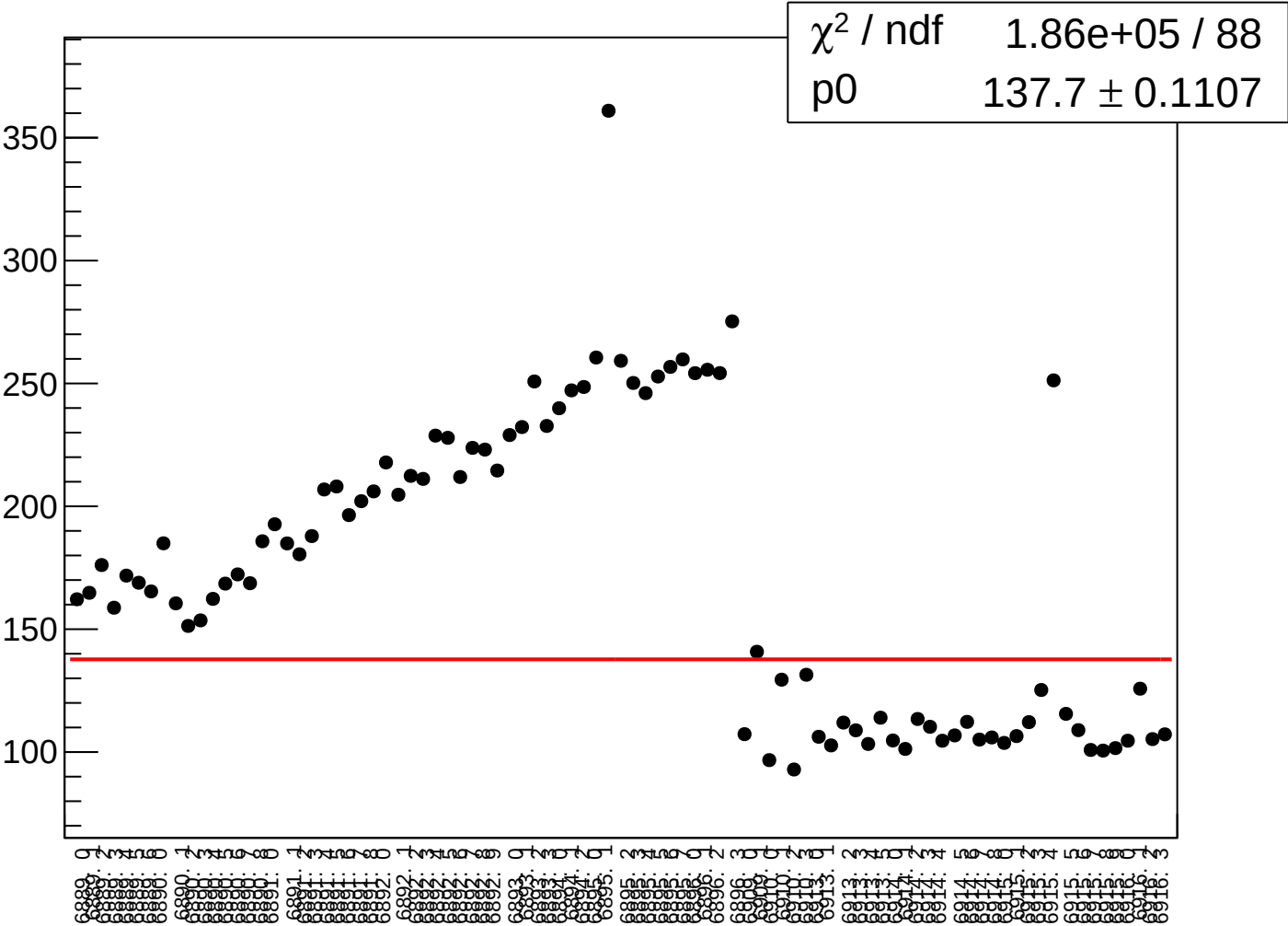
asym_bpm0i01WS_rms vs run



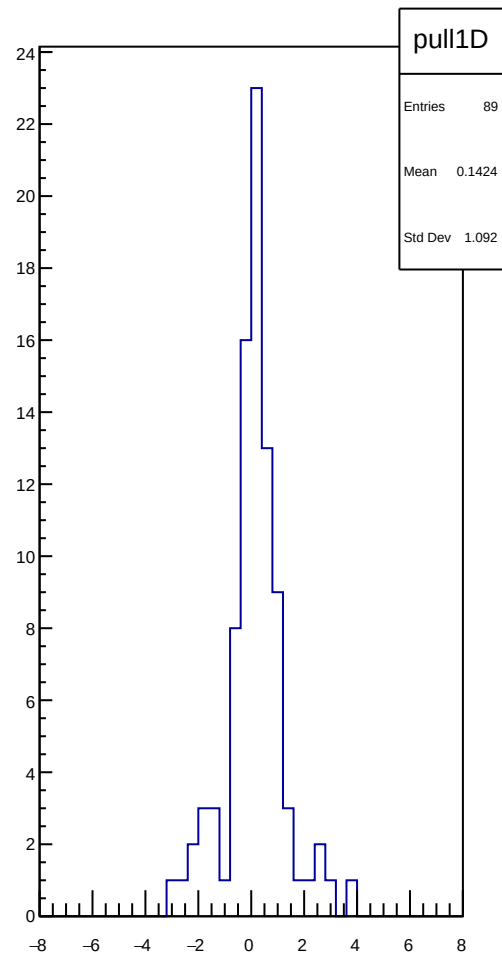
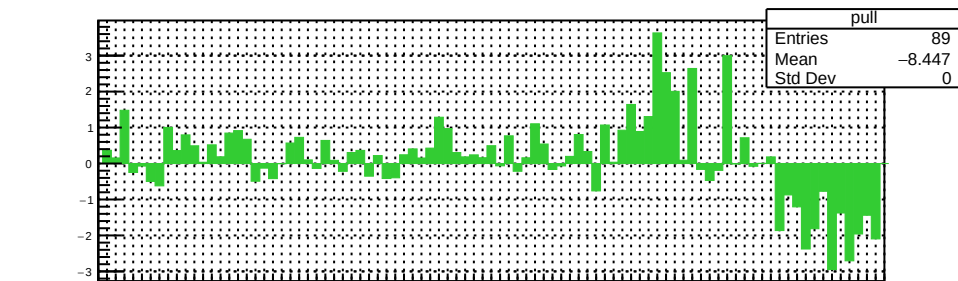
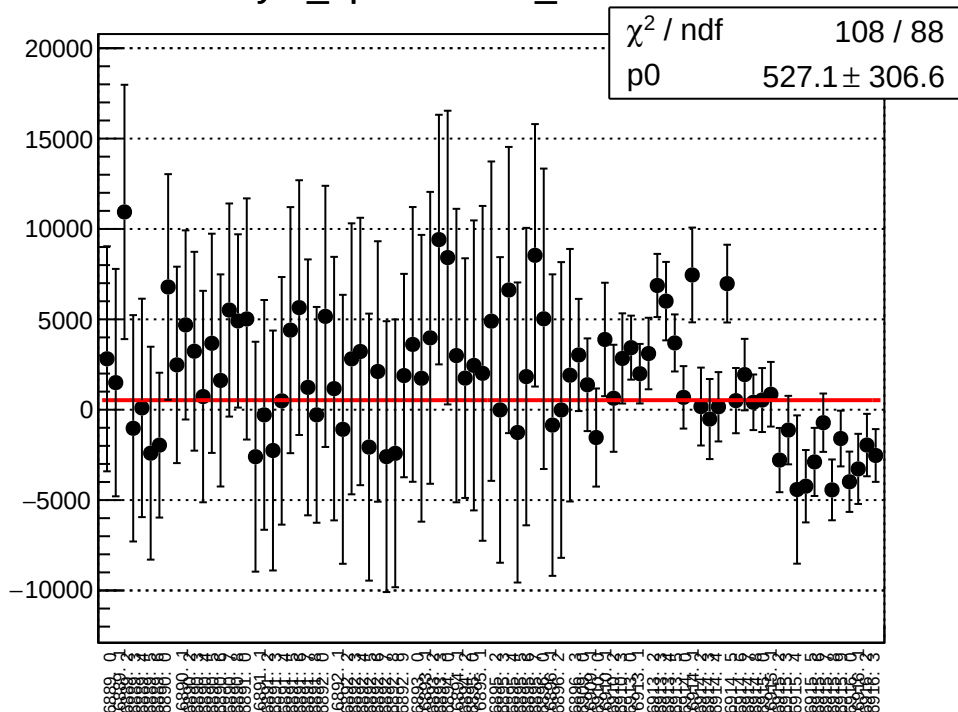
asym_bpm0i01aWS_mean vs run



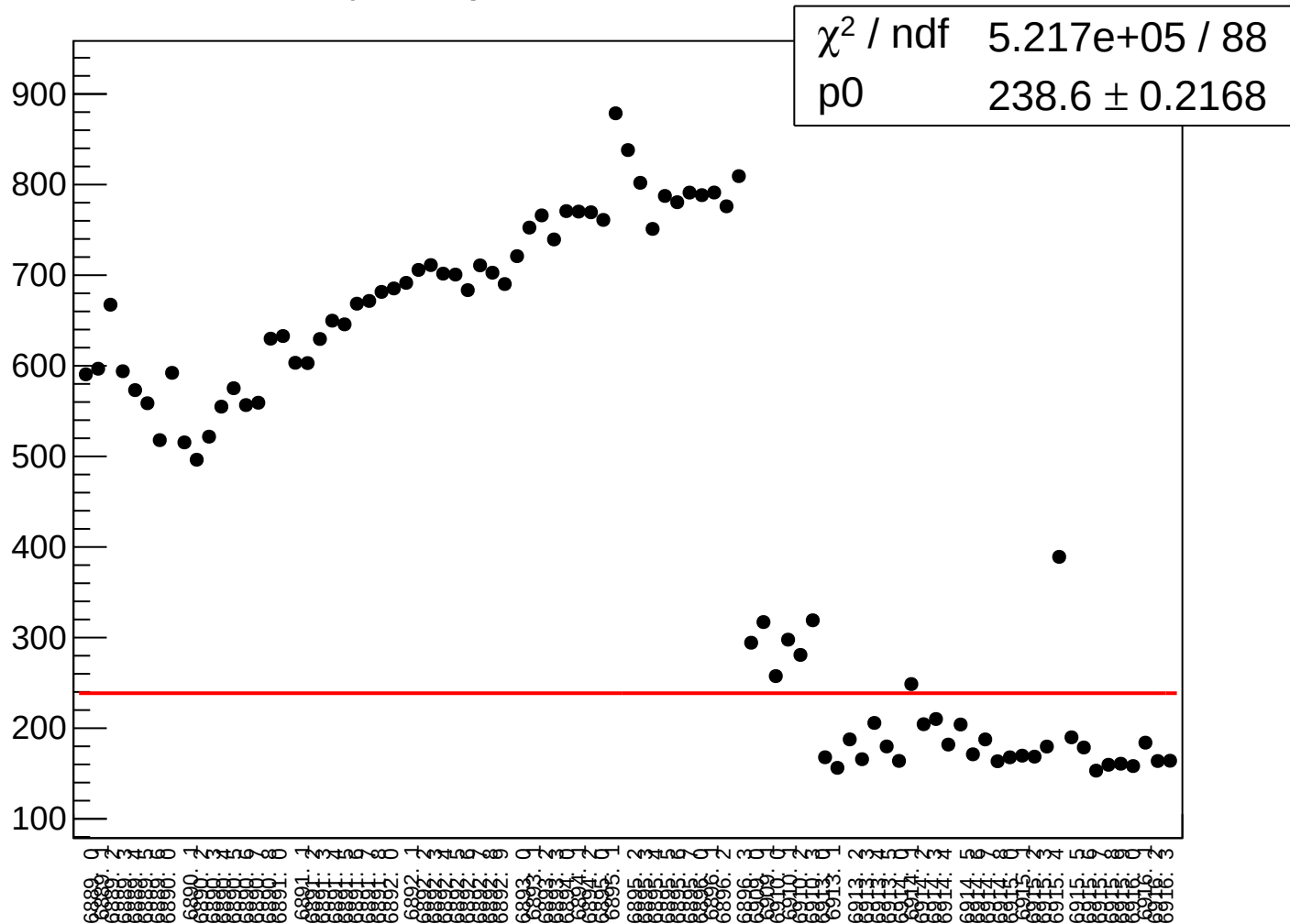
asym_bpm0i01aWS_rms vs run



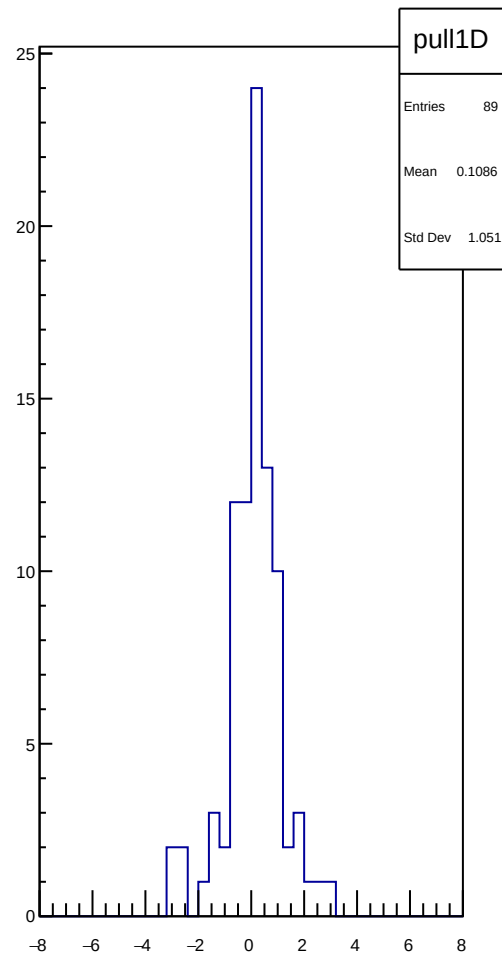
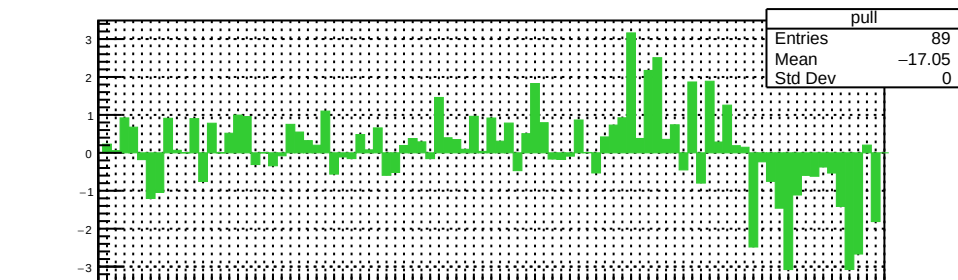
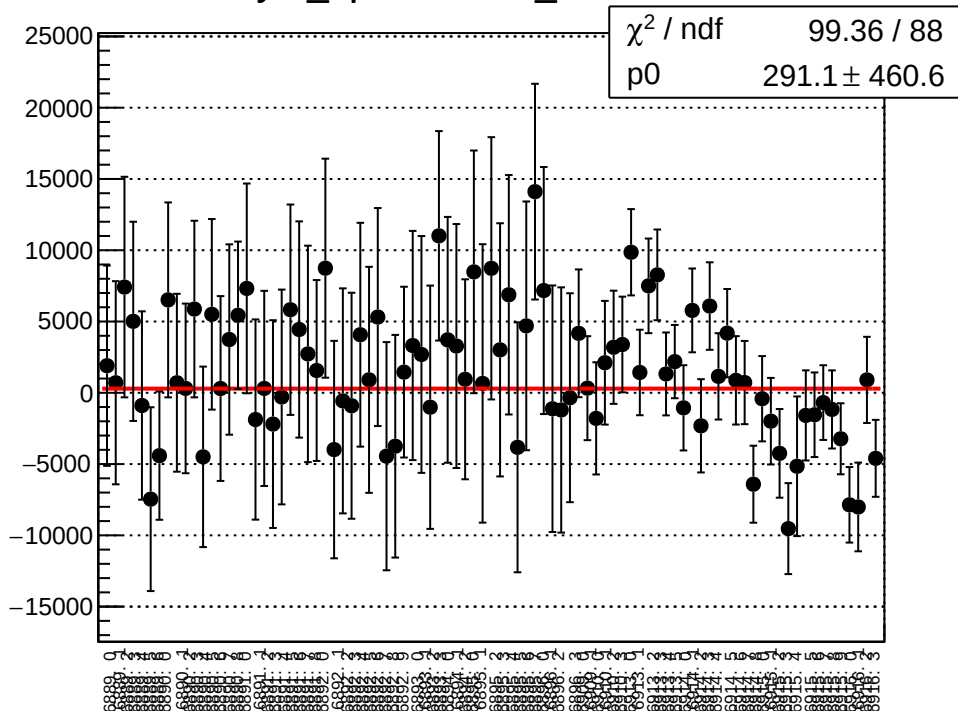
asym_bpm0l01WS_mean vs run



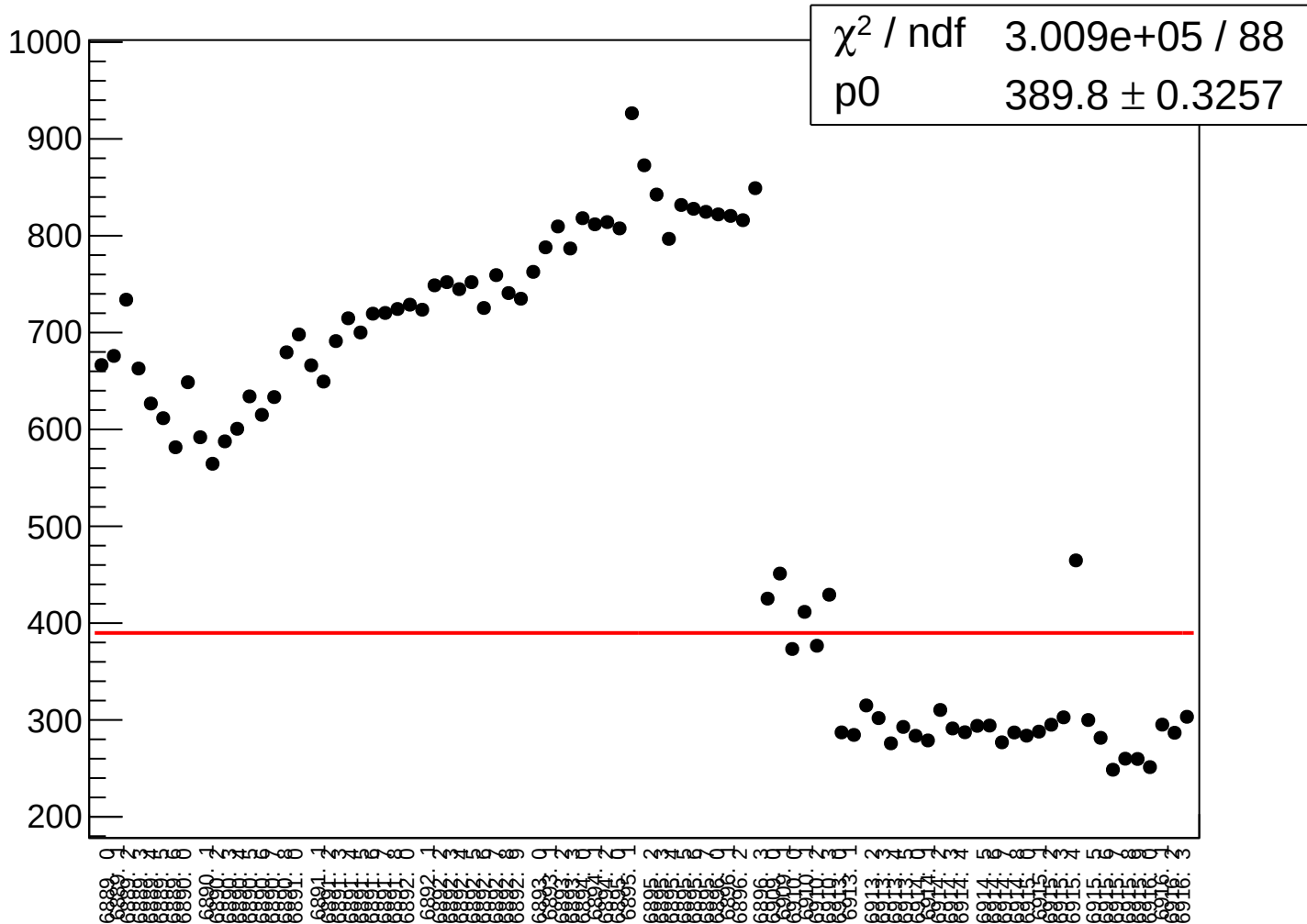
asym_bpm0l01WS_rms vs run



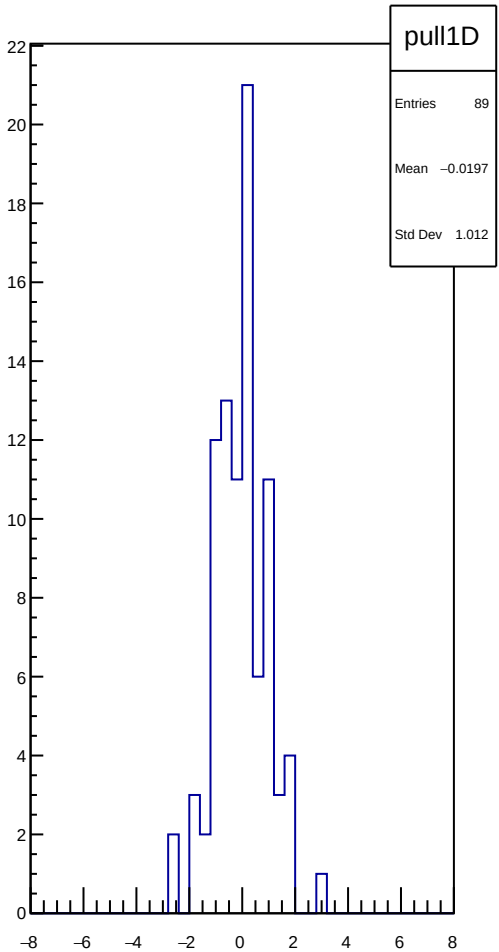
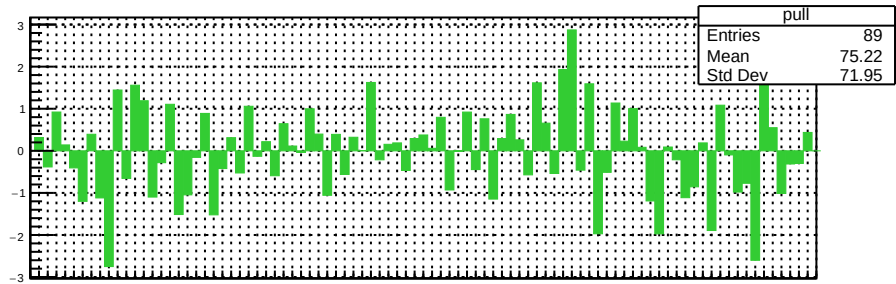
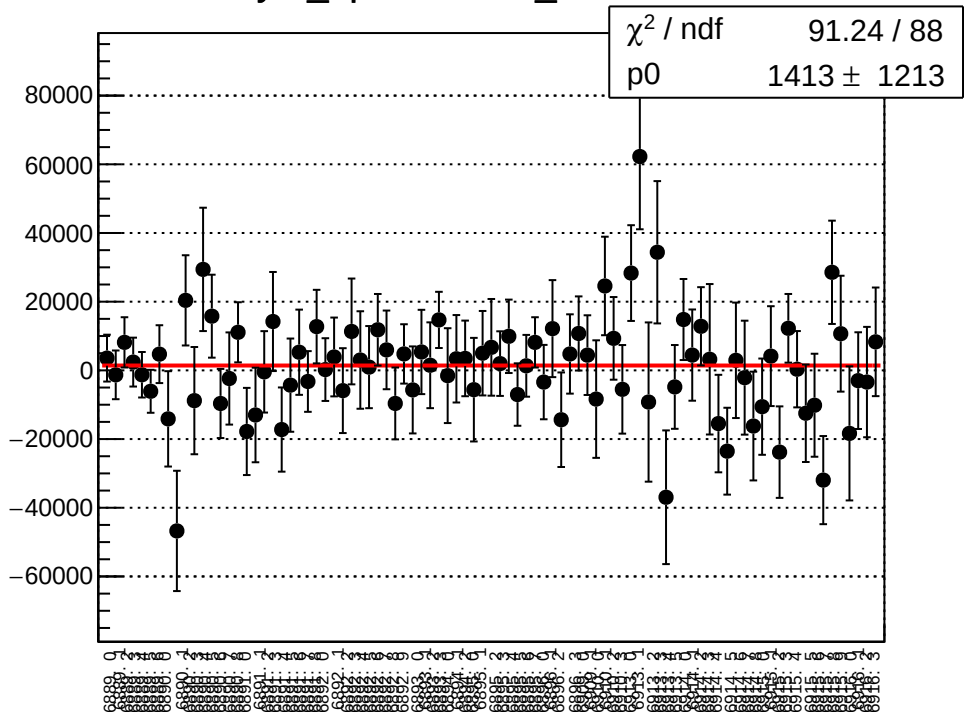
asym_bpm0l02WS_mean vs run



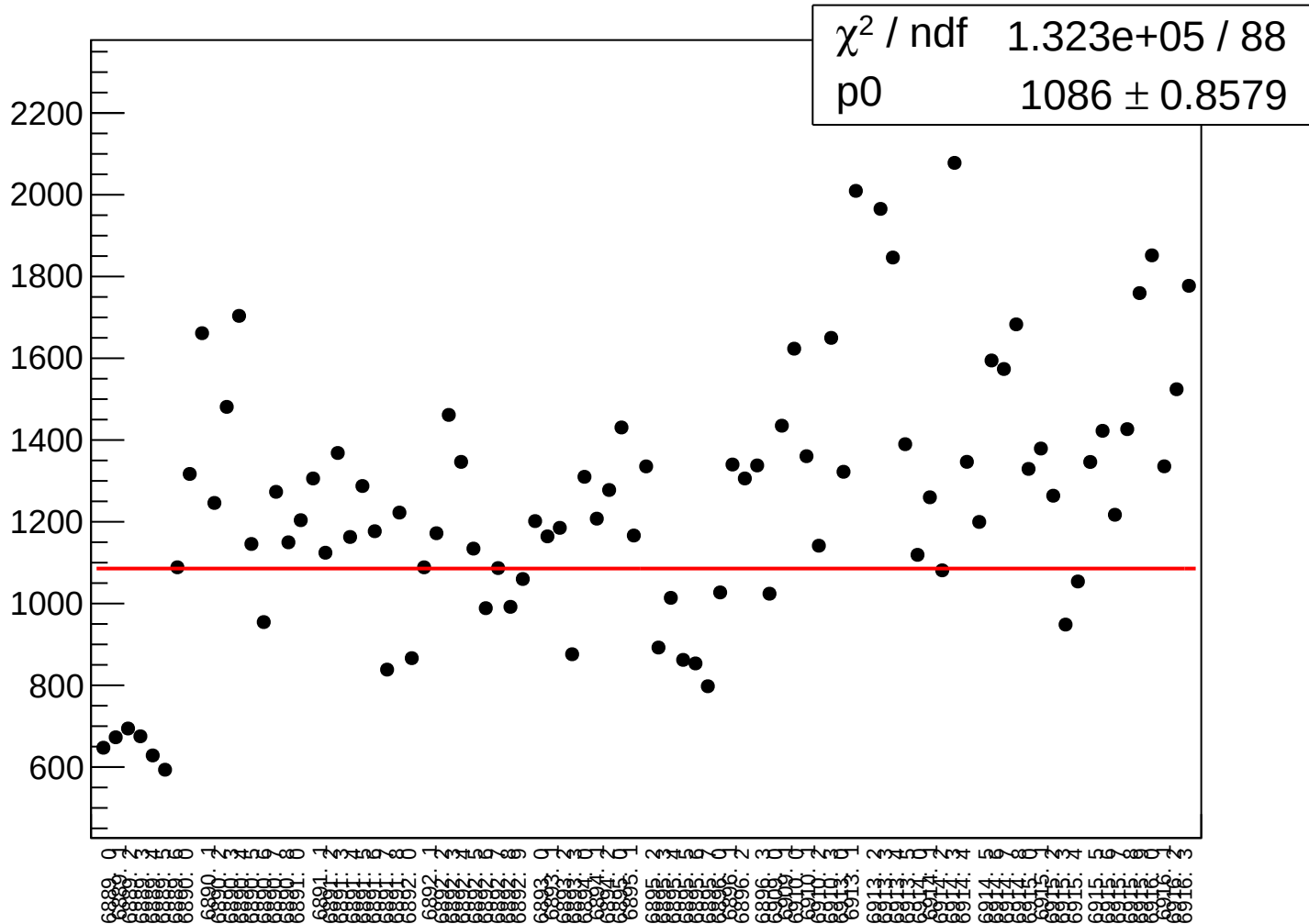
asym_bpm0l02WS_rms vs run



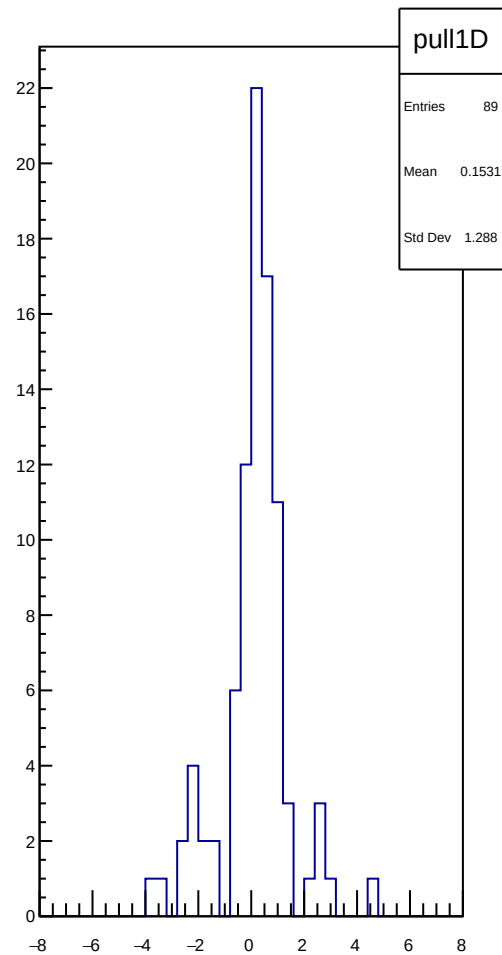
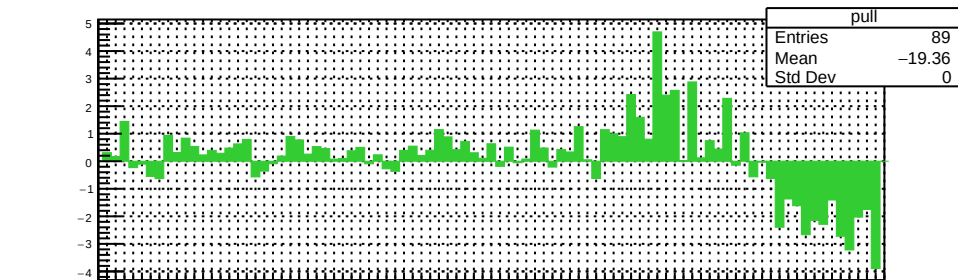
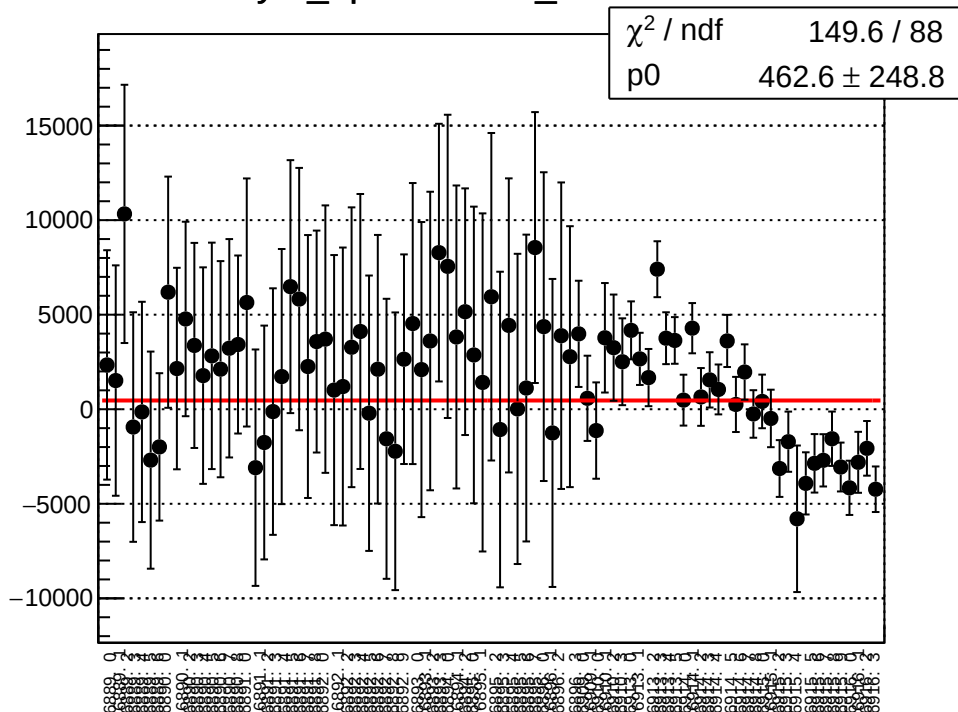
asym_bpm0l03WS_mean vs run



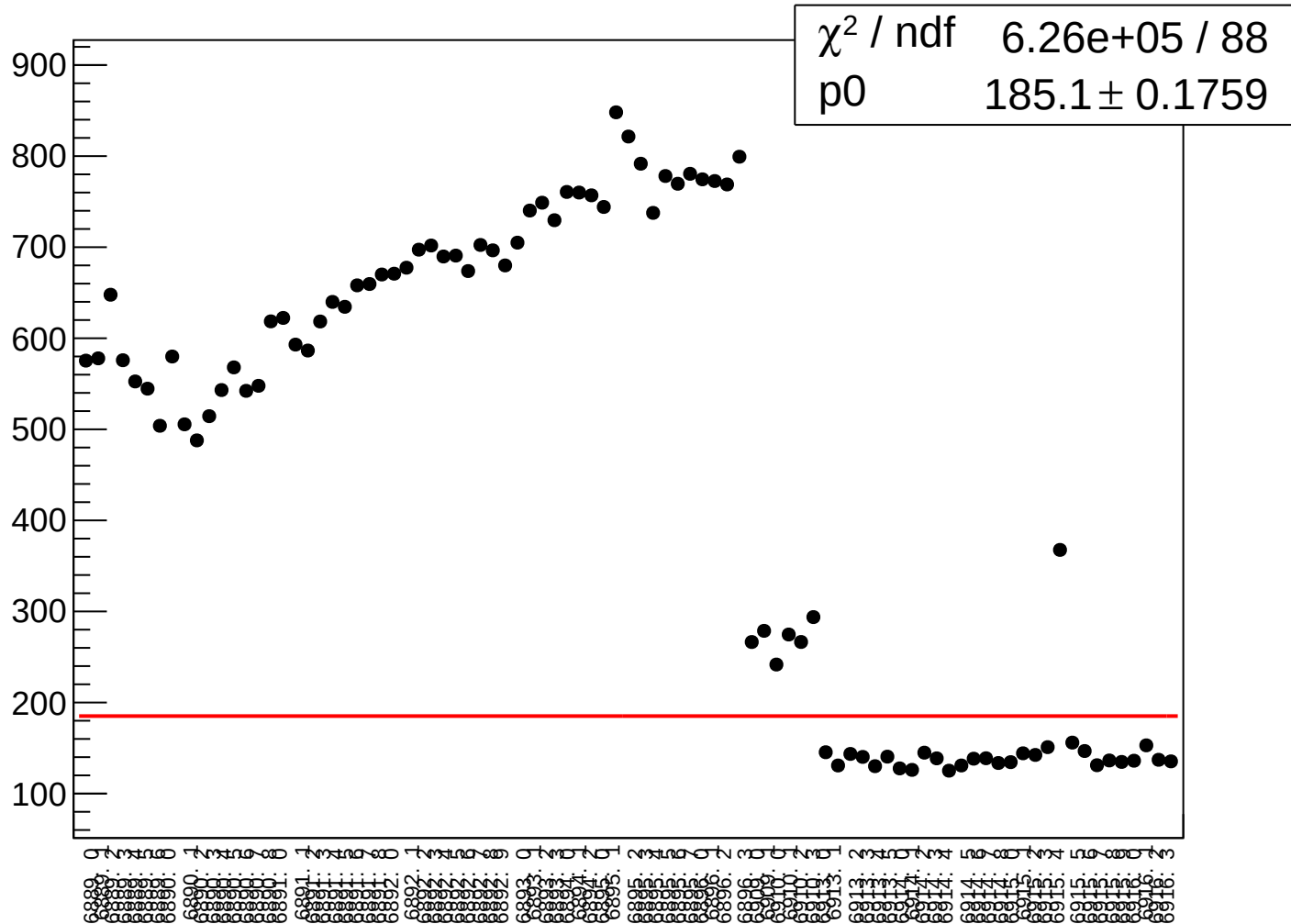
asym_bpm0l03WS_rms vs run



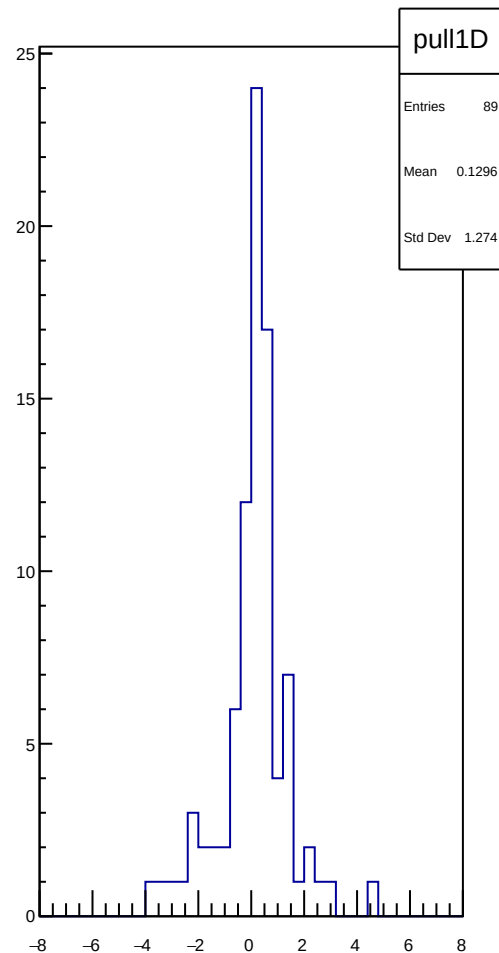
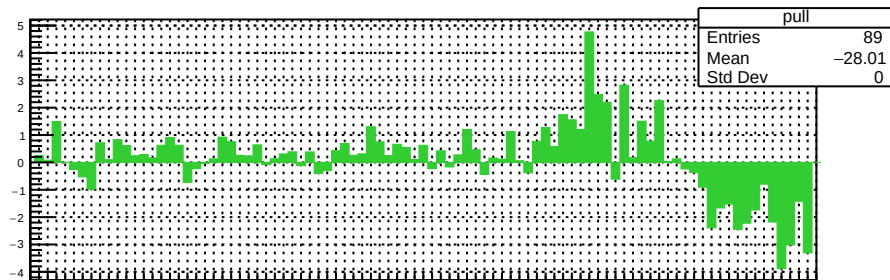
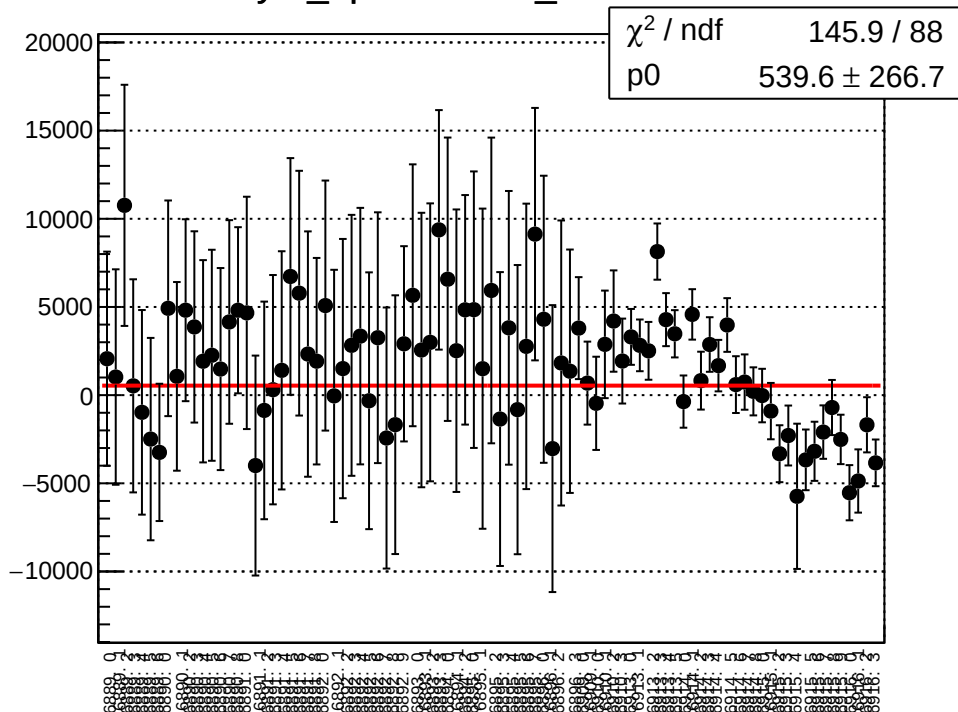
asym_bpm0l04WS_mean vs run



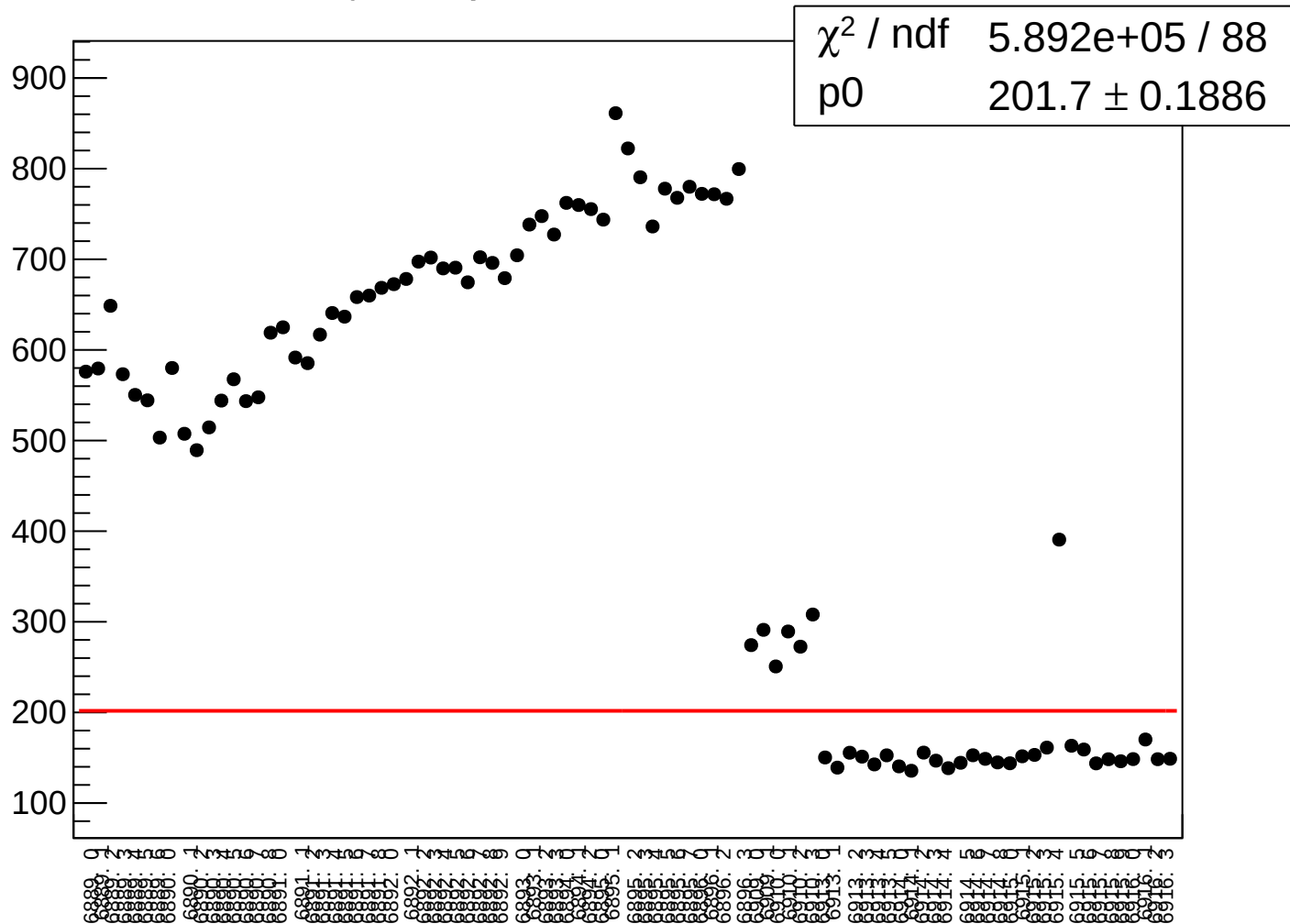
asym_bpm0l04WS_rms vs run



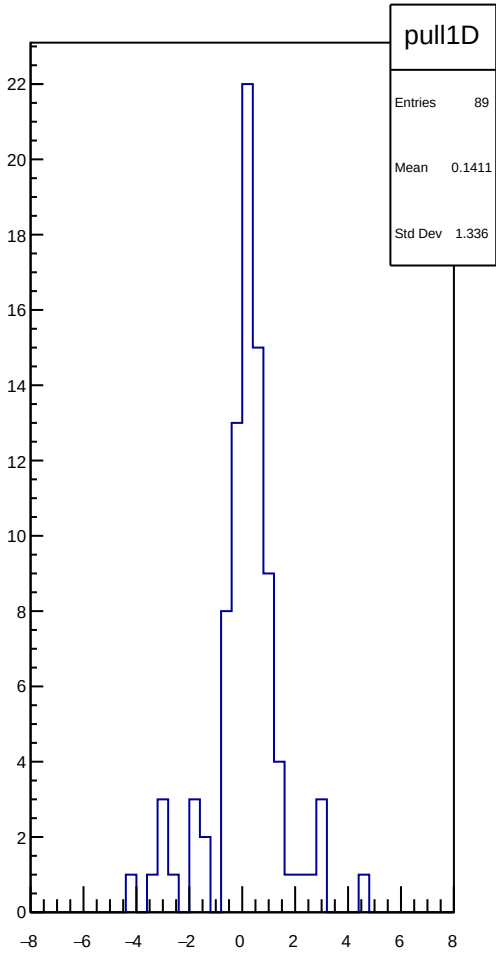
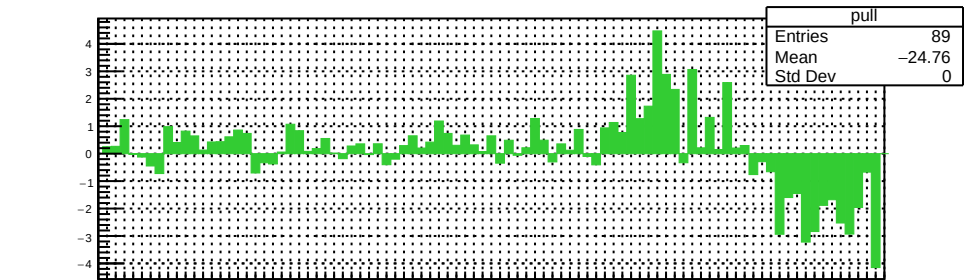
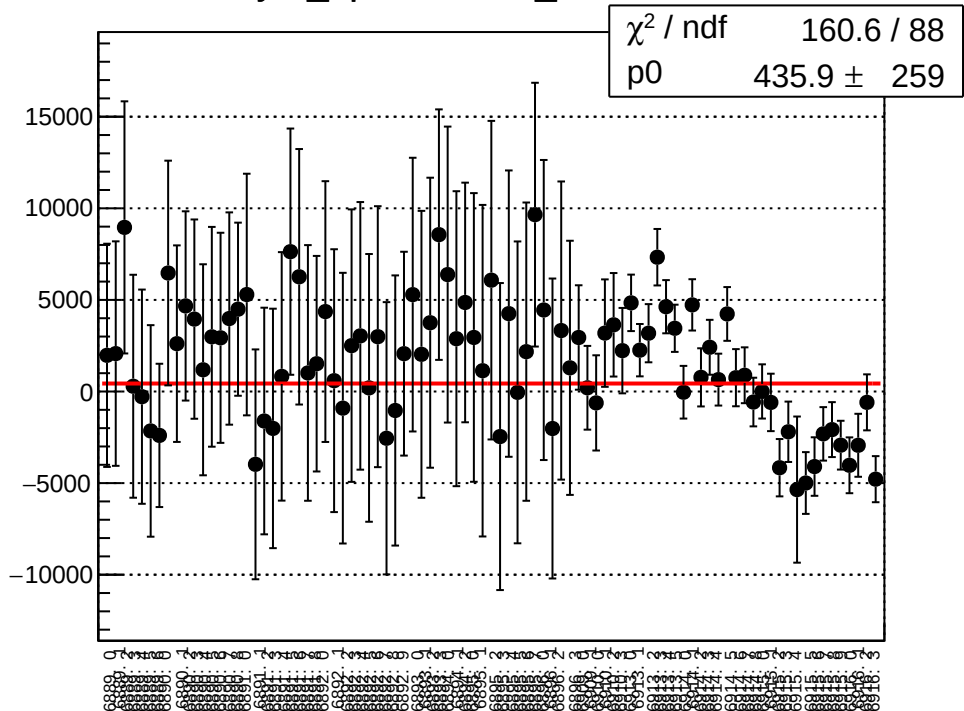
asym_bpm0I05WS_mean vs run



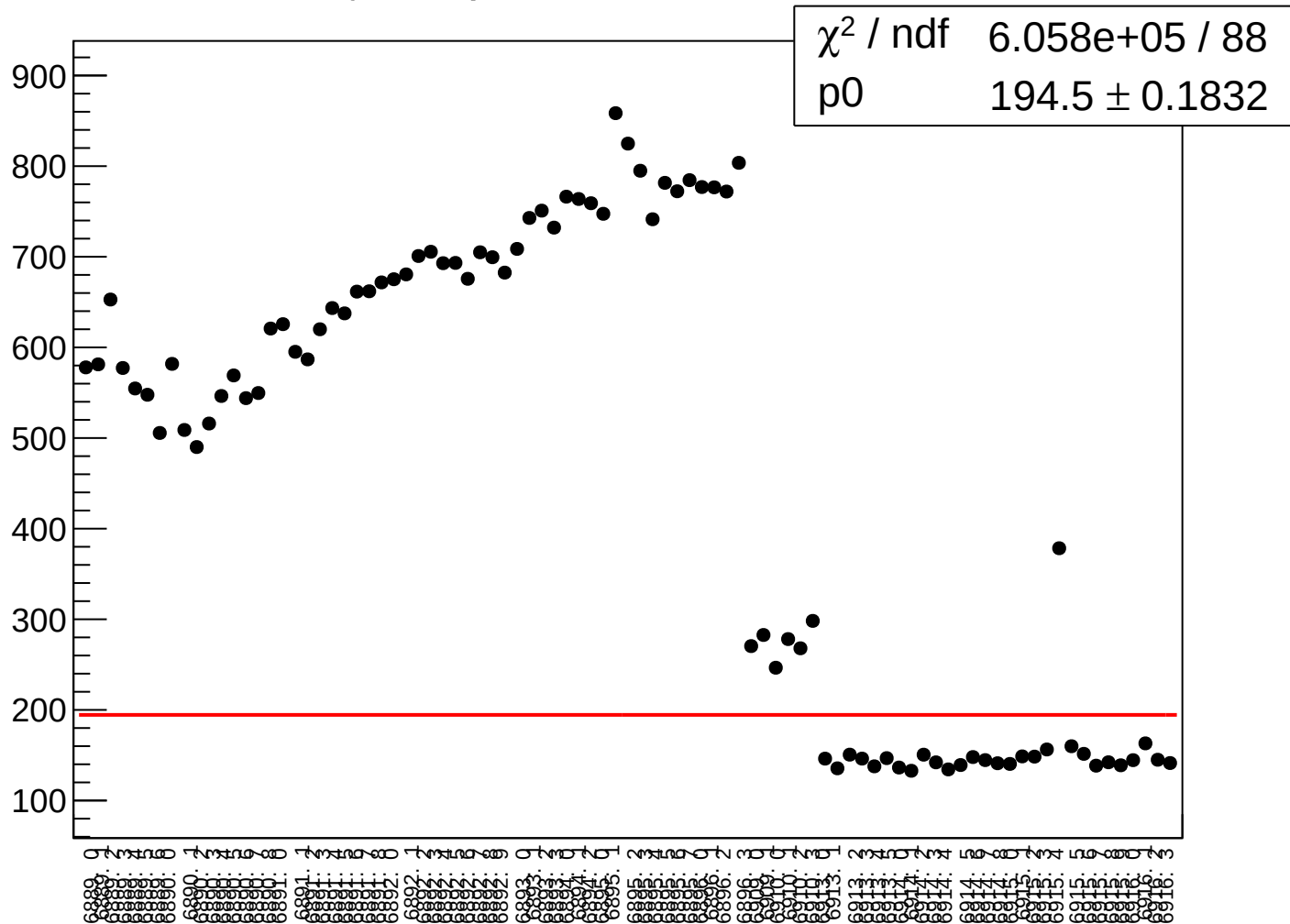
asym_bpm0l05WS_rms vs run



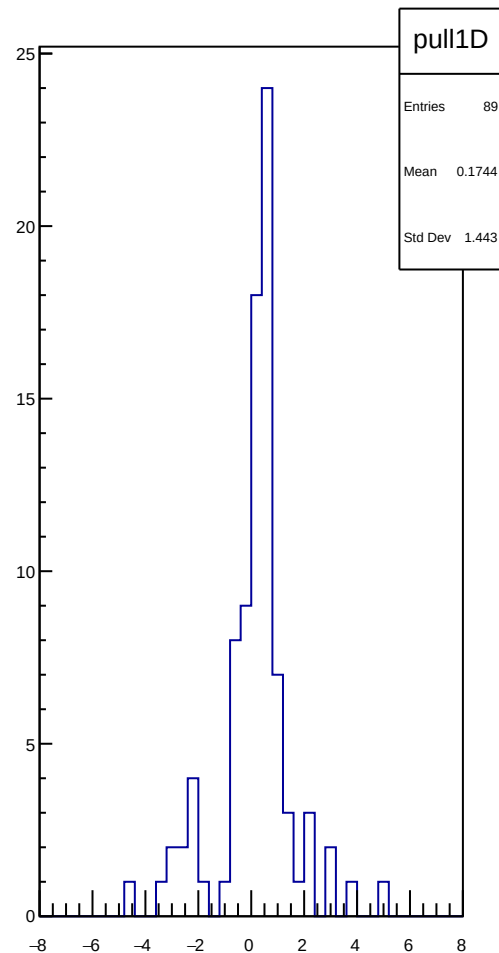
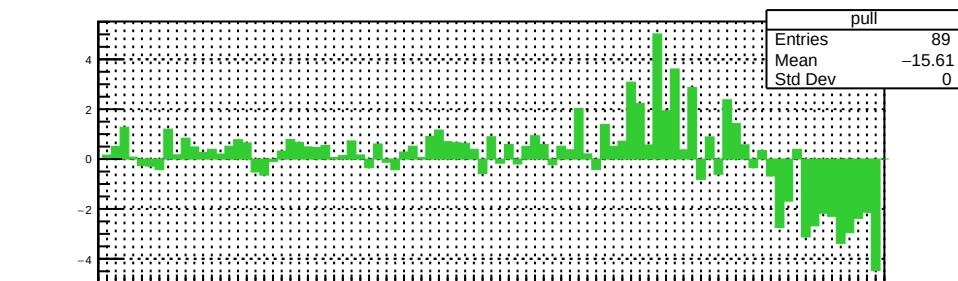
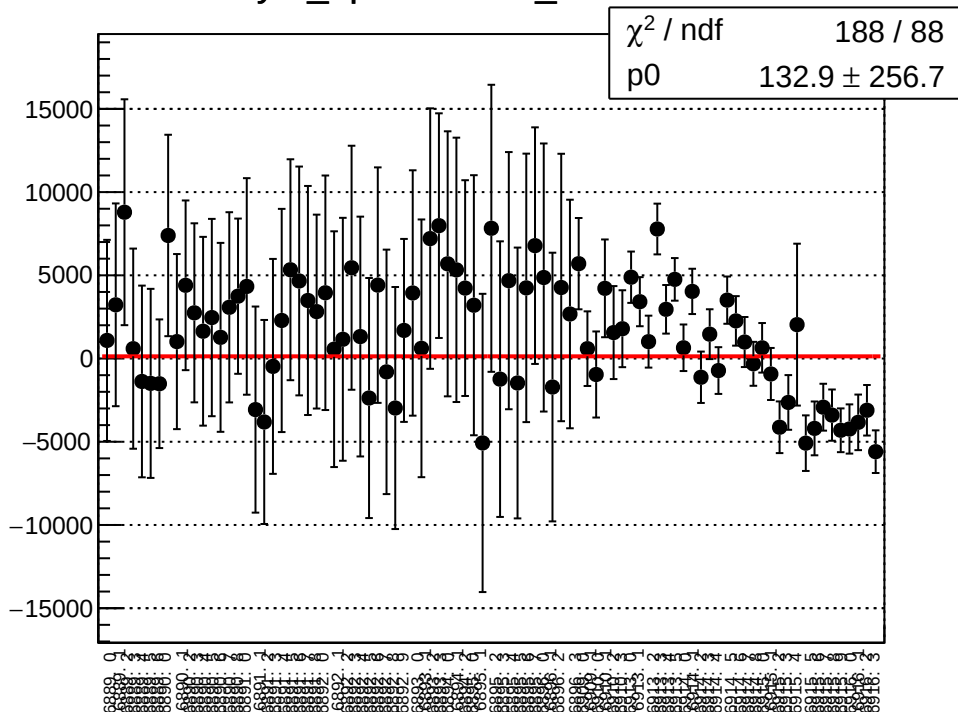
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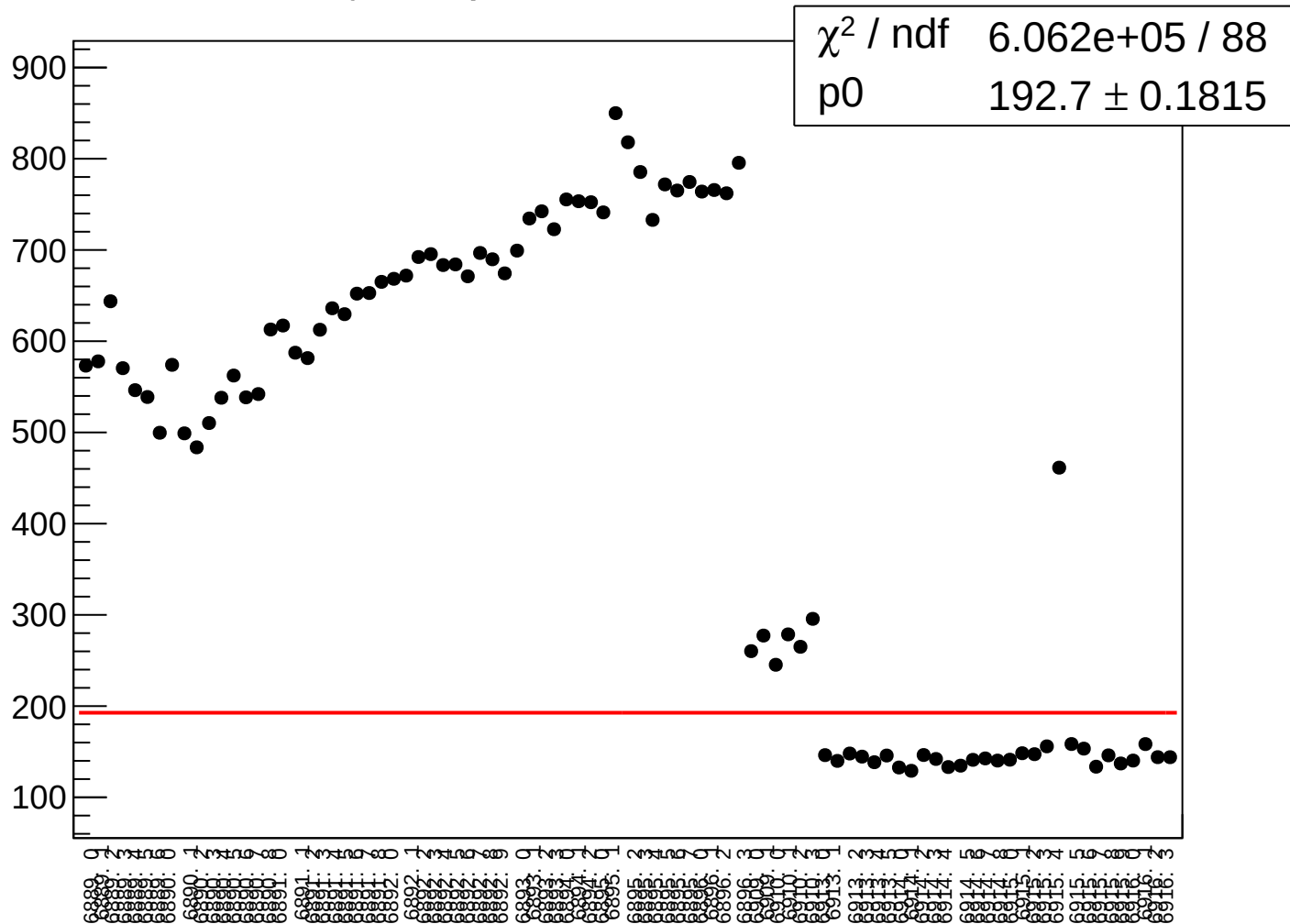
asym_bpm0l06WS_rms vs run



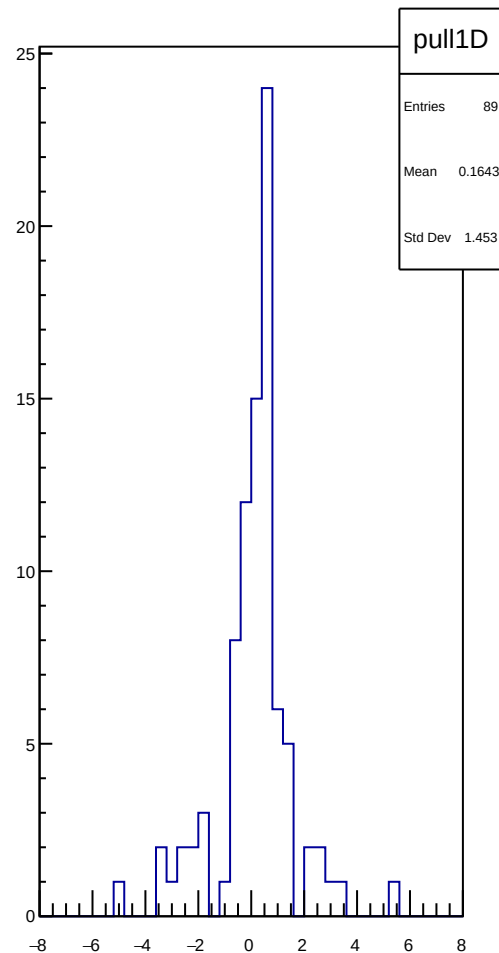
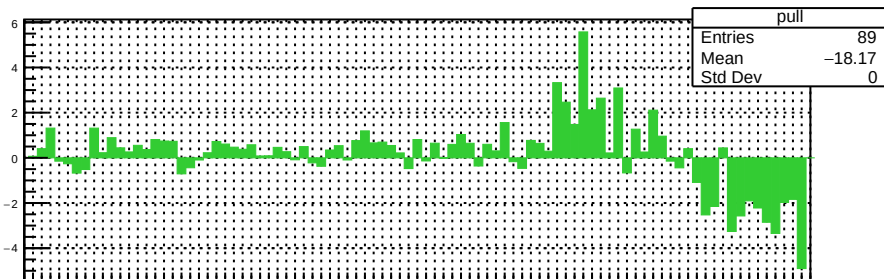
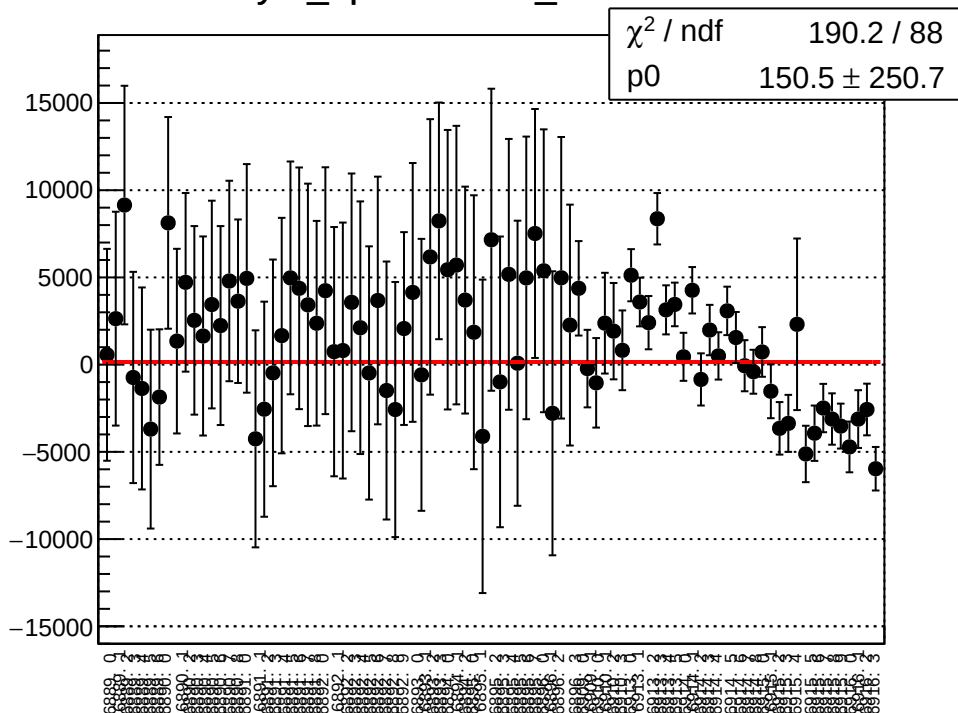
asym_bpm0l07WS_mean vs run



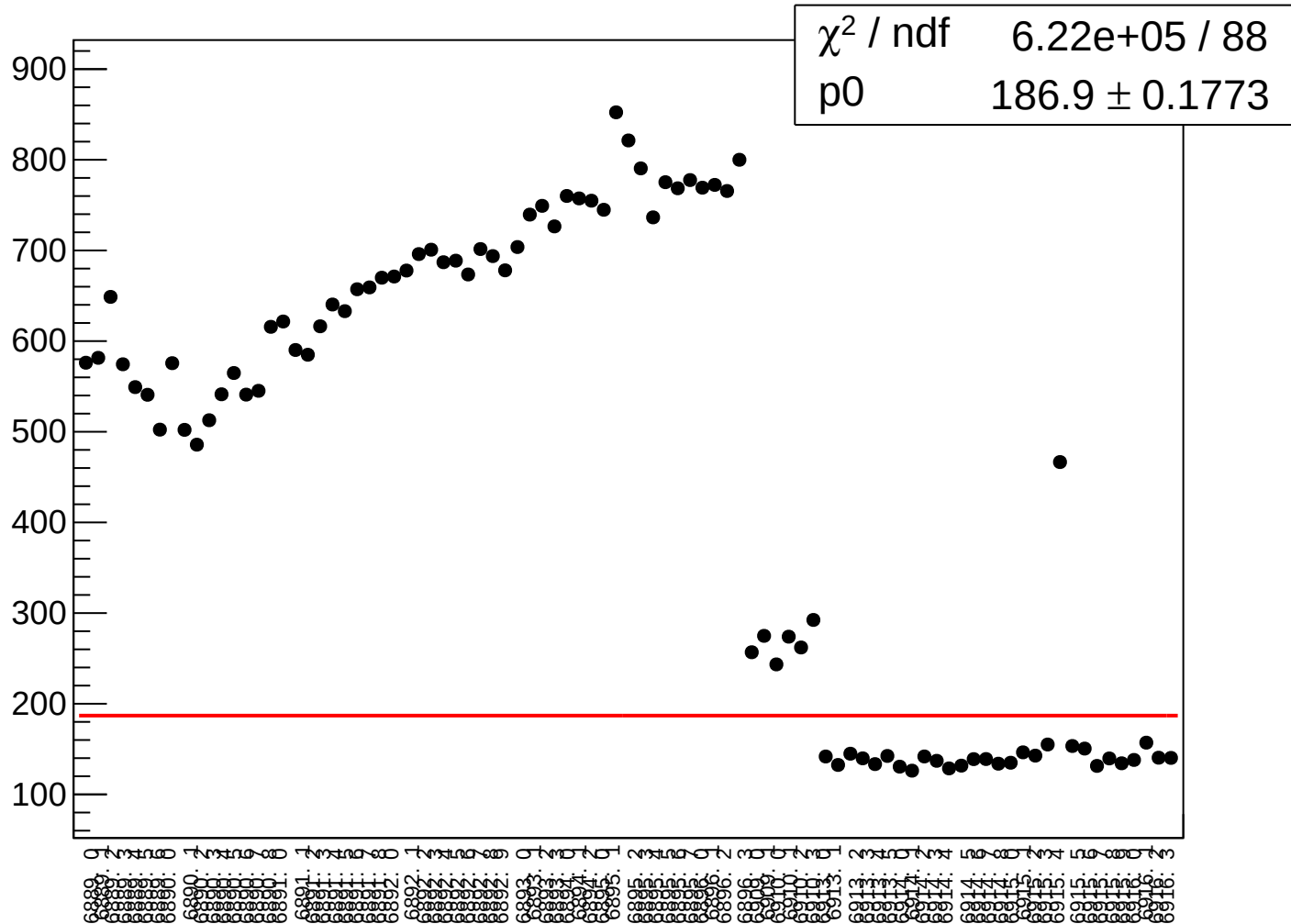
asym_bpm0l07WS_rms vs run



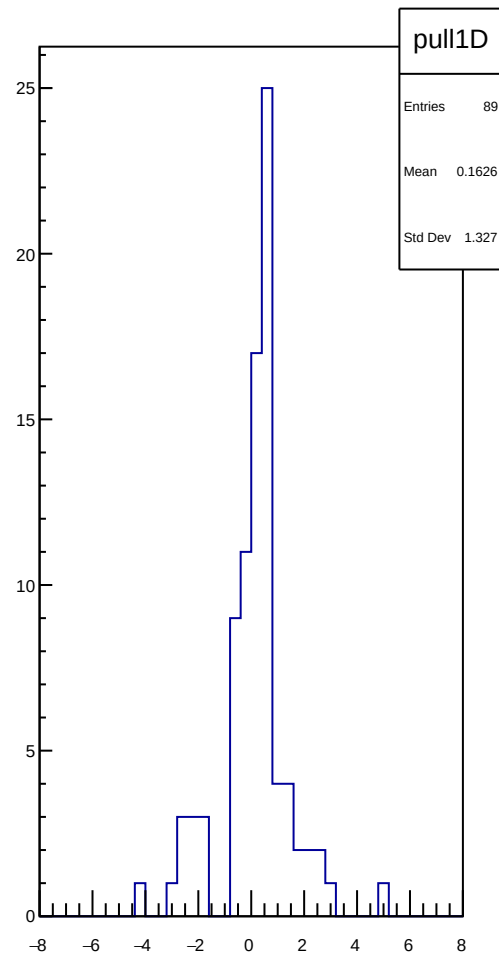
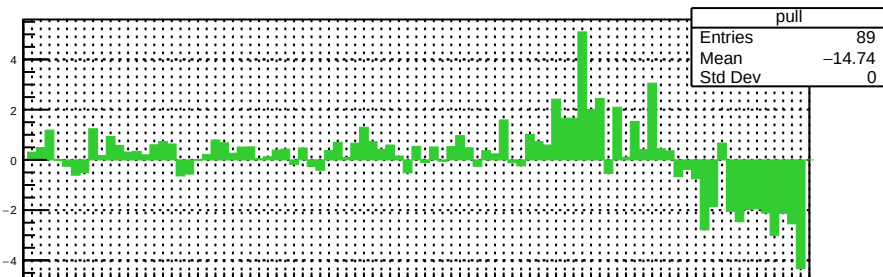
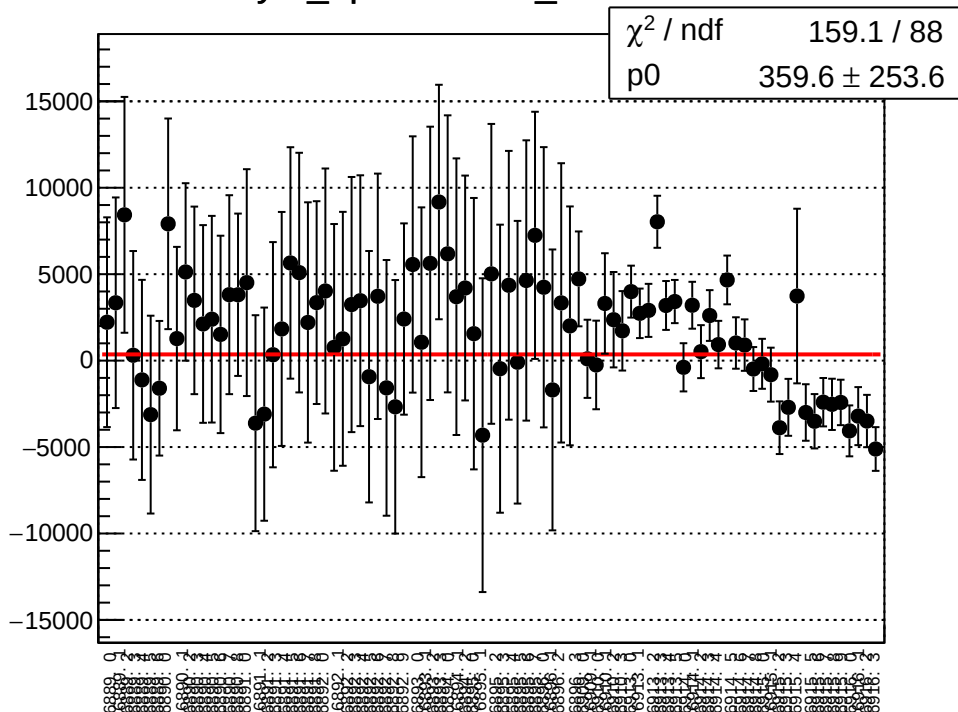
asym_bpm0l08WS_mean vs run



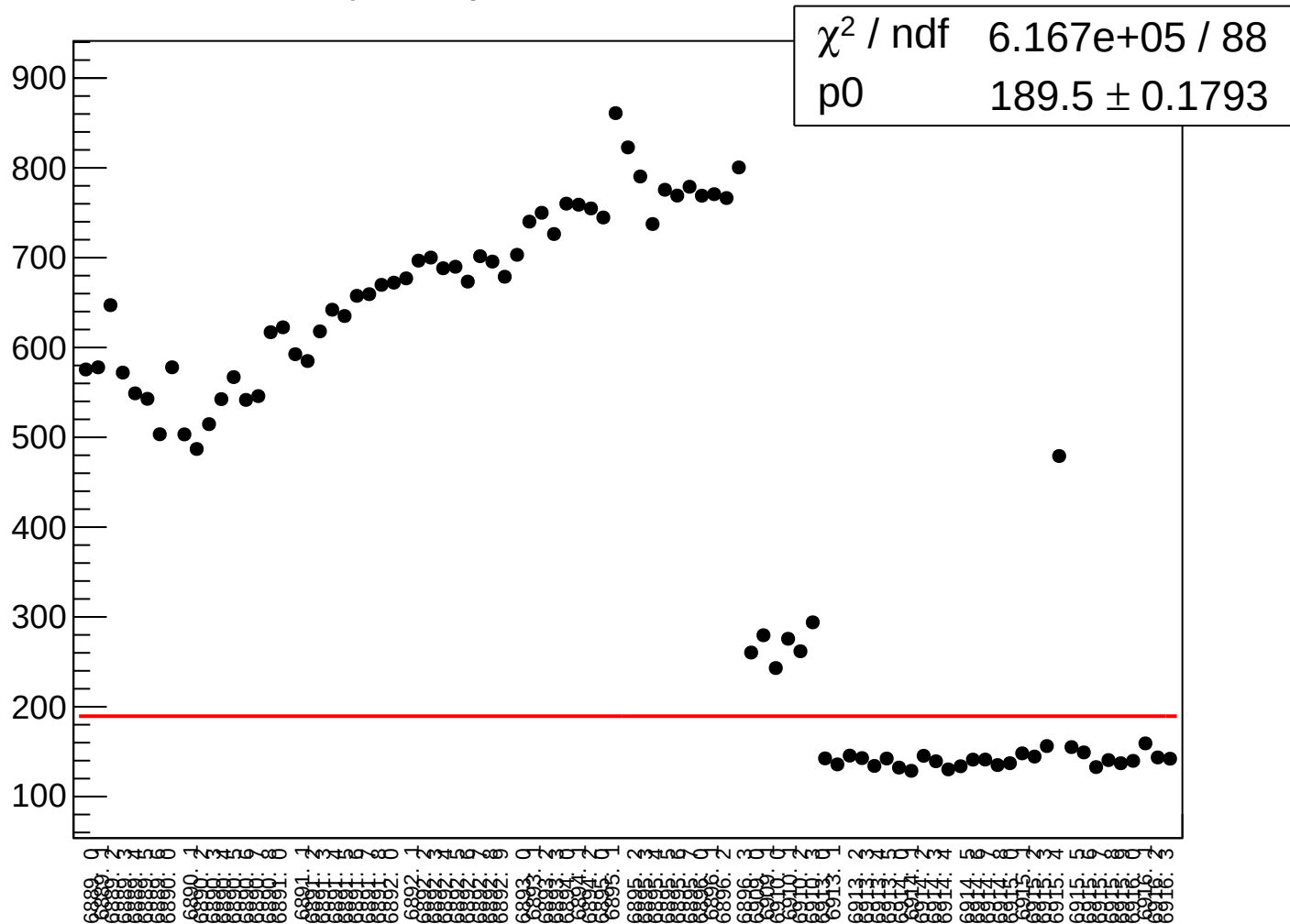
asym_bpm0l08WS_rms vs run



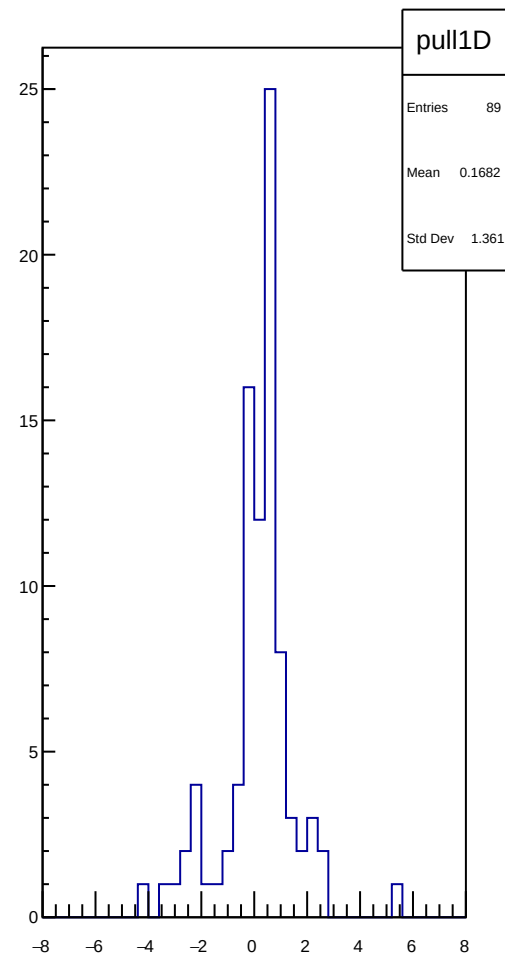
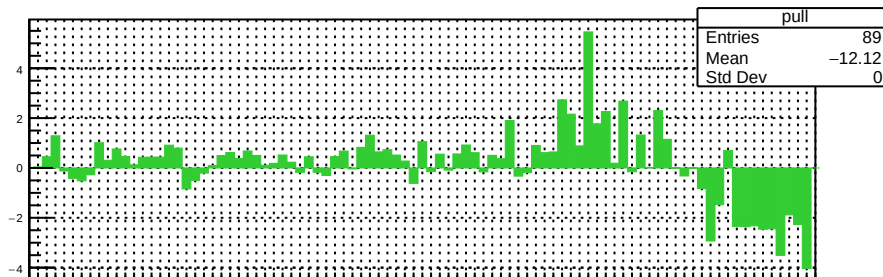
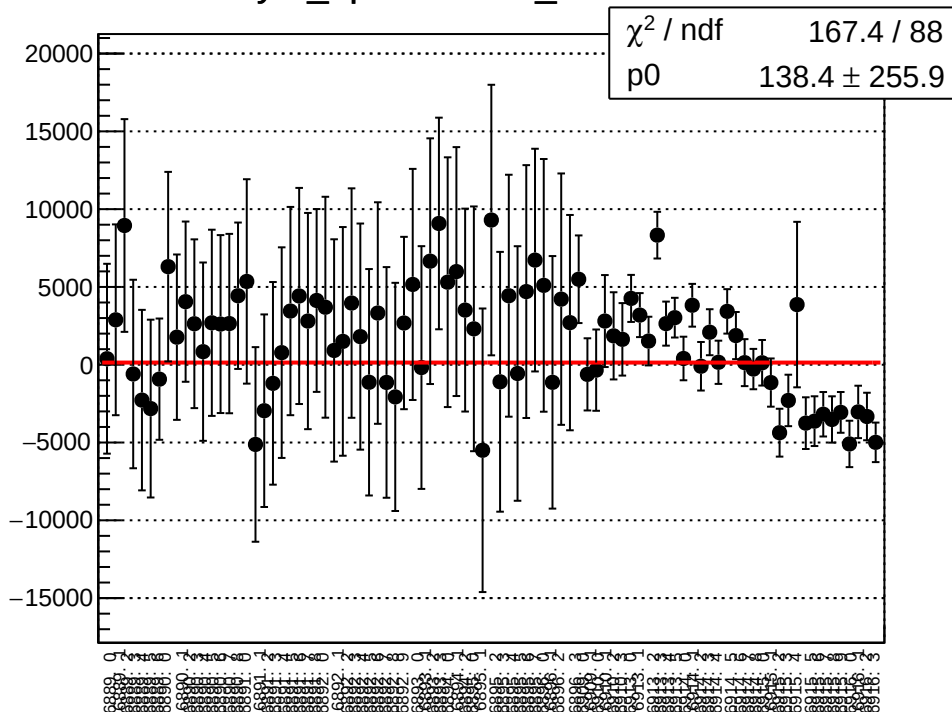
asym_bpm0l09WS_mean vs run



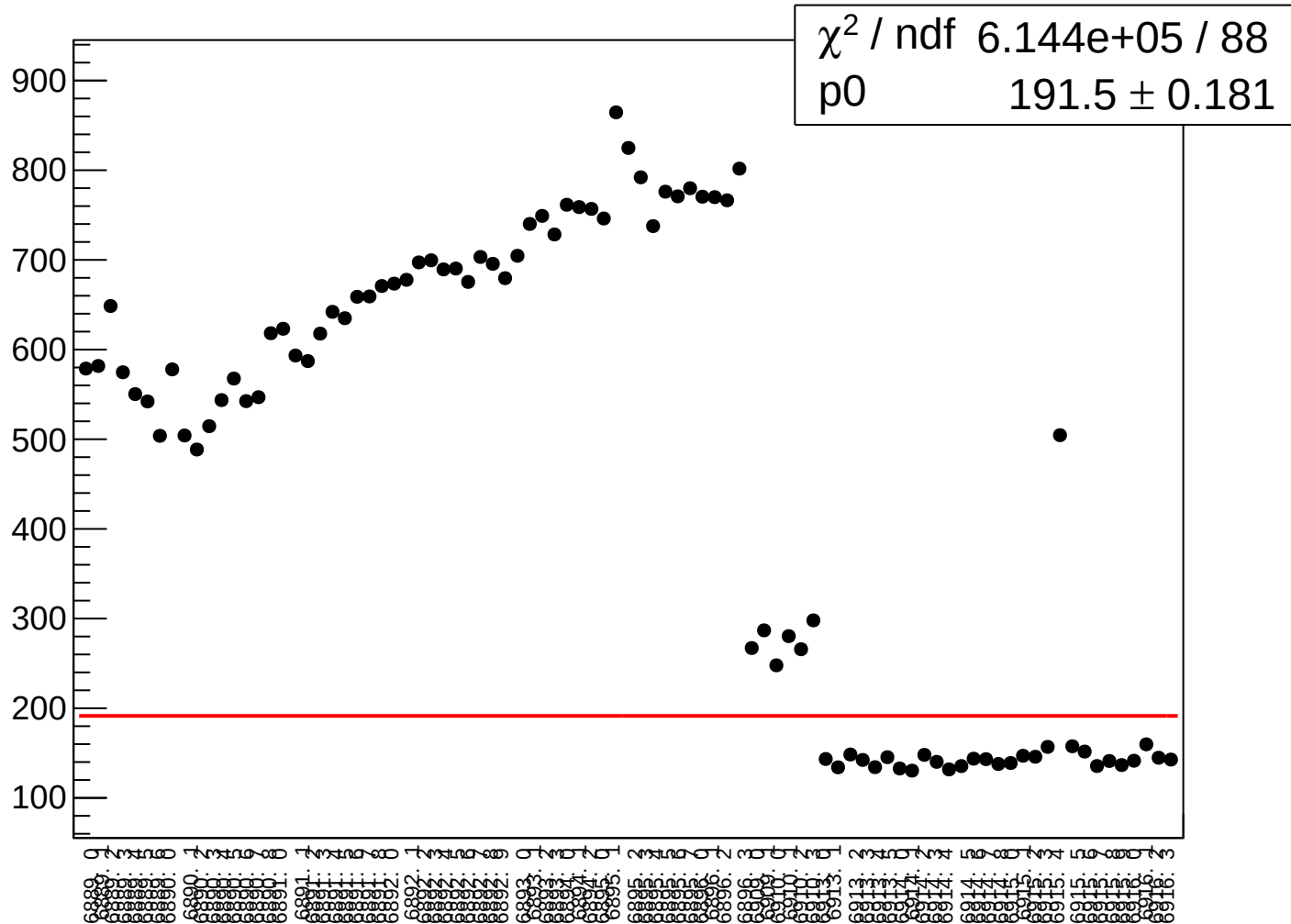
asym_bpm0l09WS_rms vs run



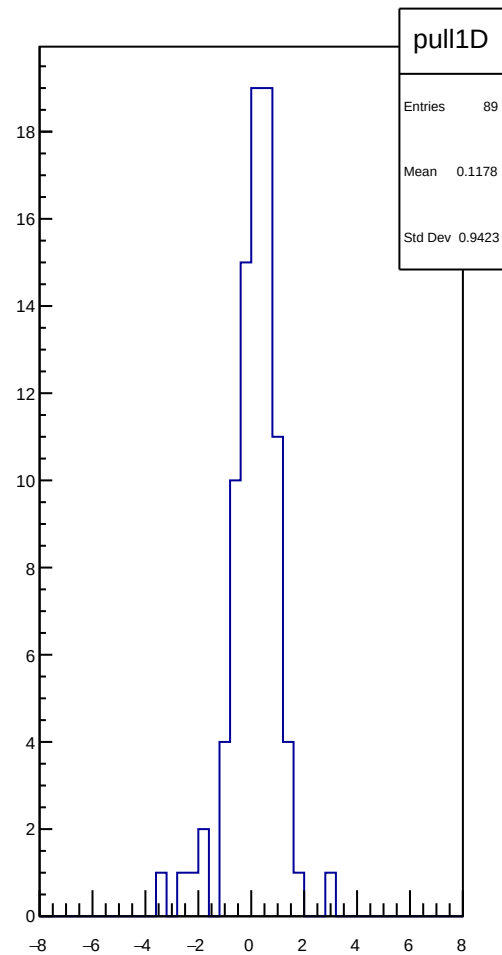
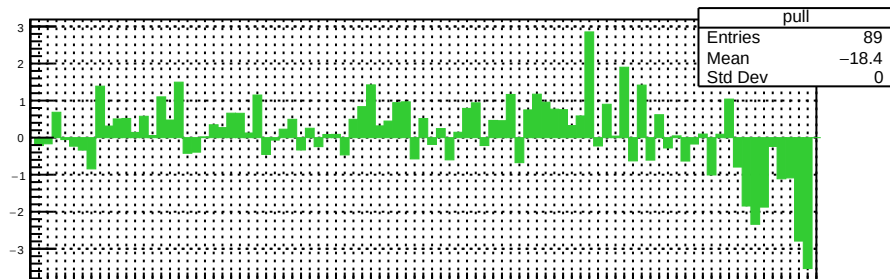
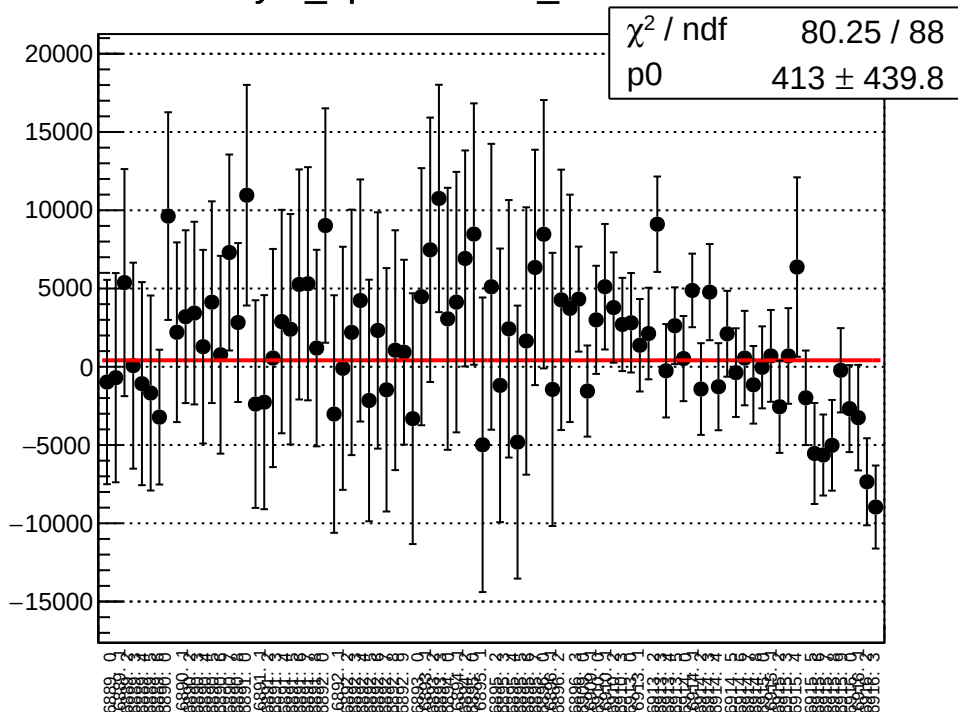
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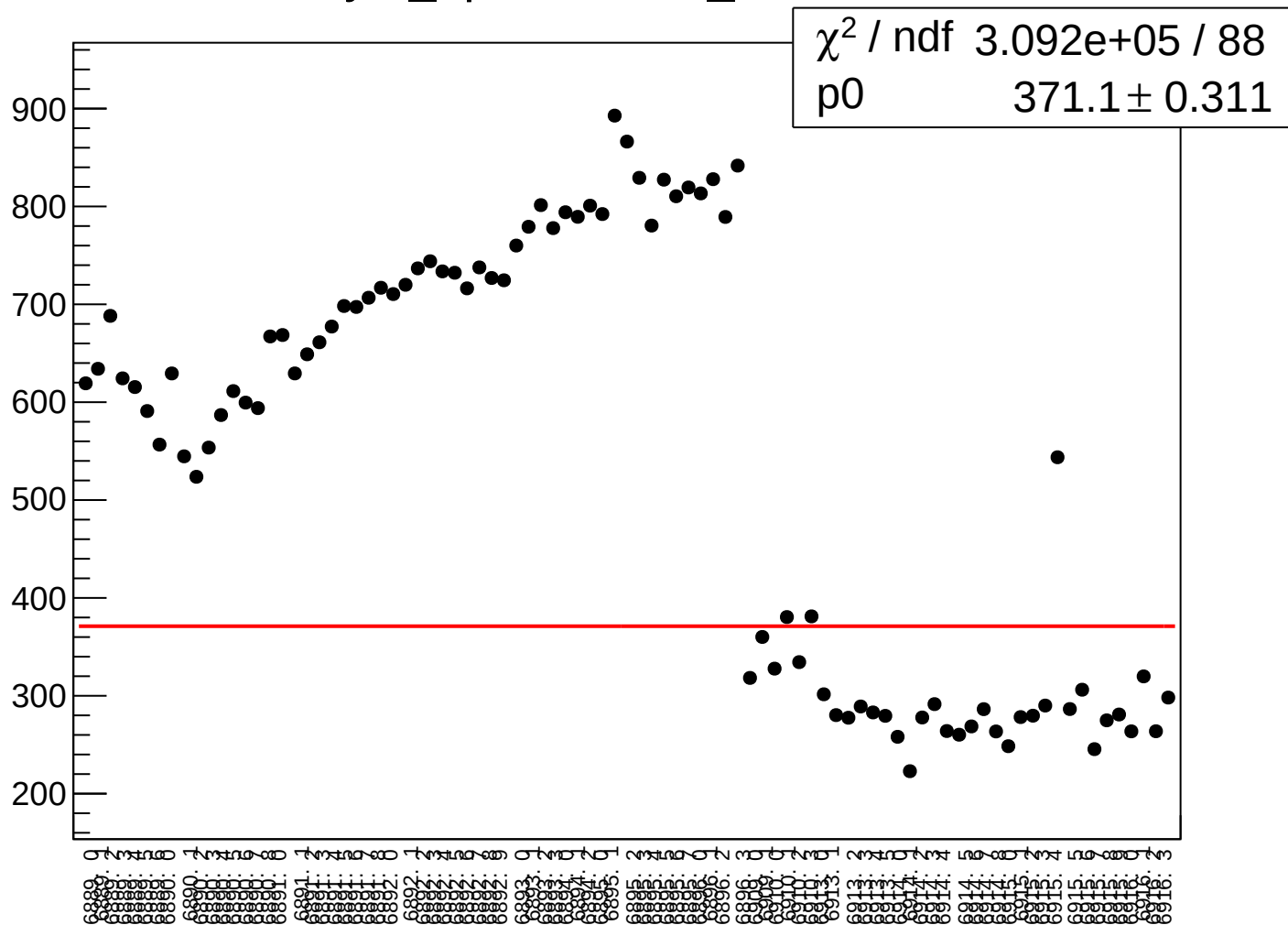
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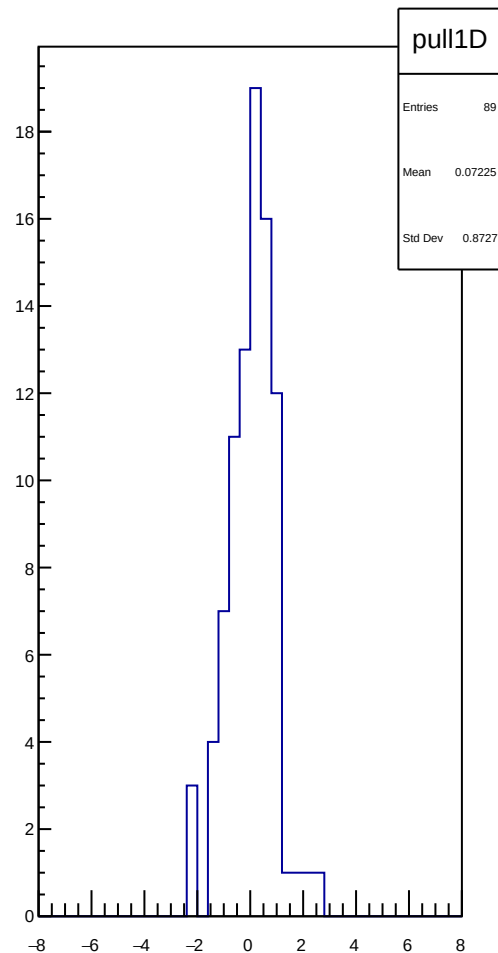
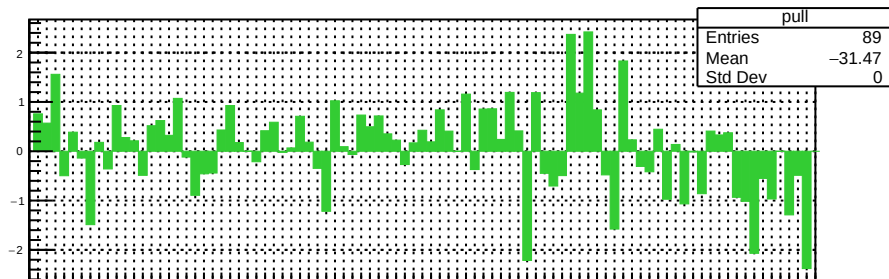
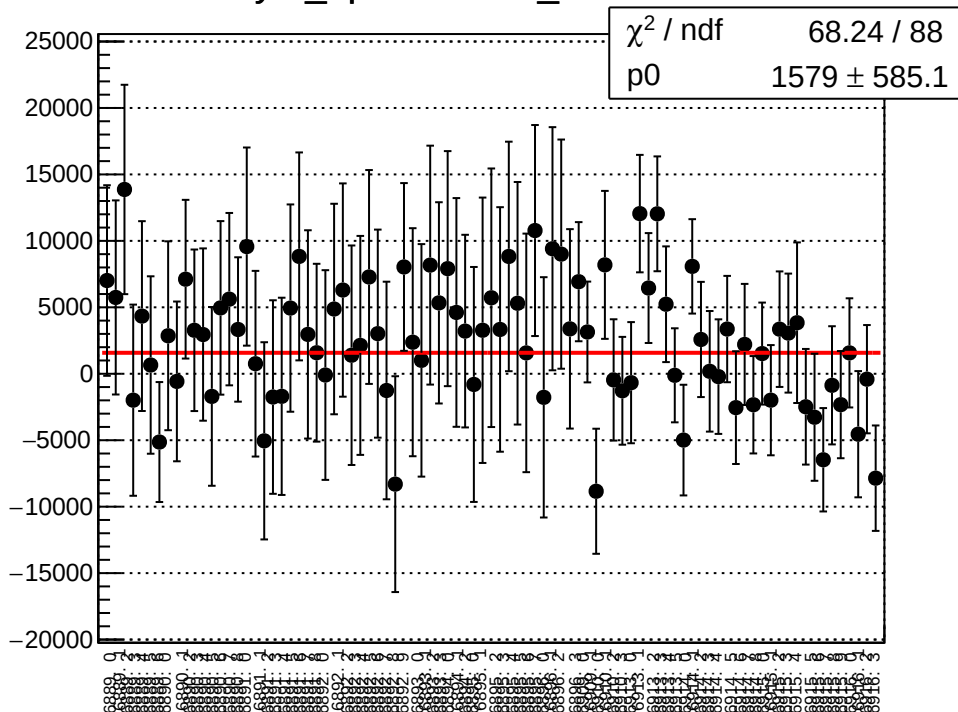
asym_bpm0r03WS_mean vs run



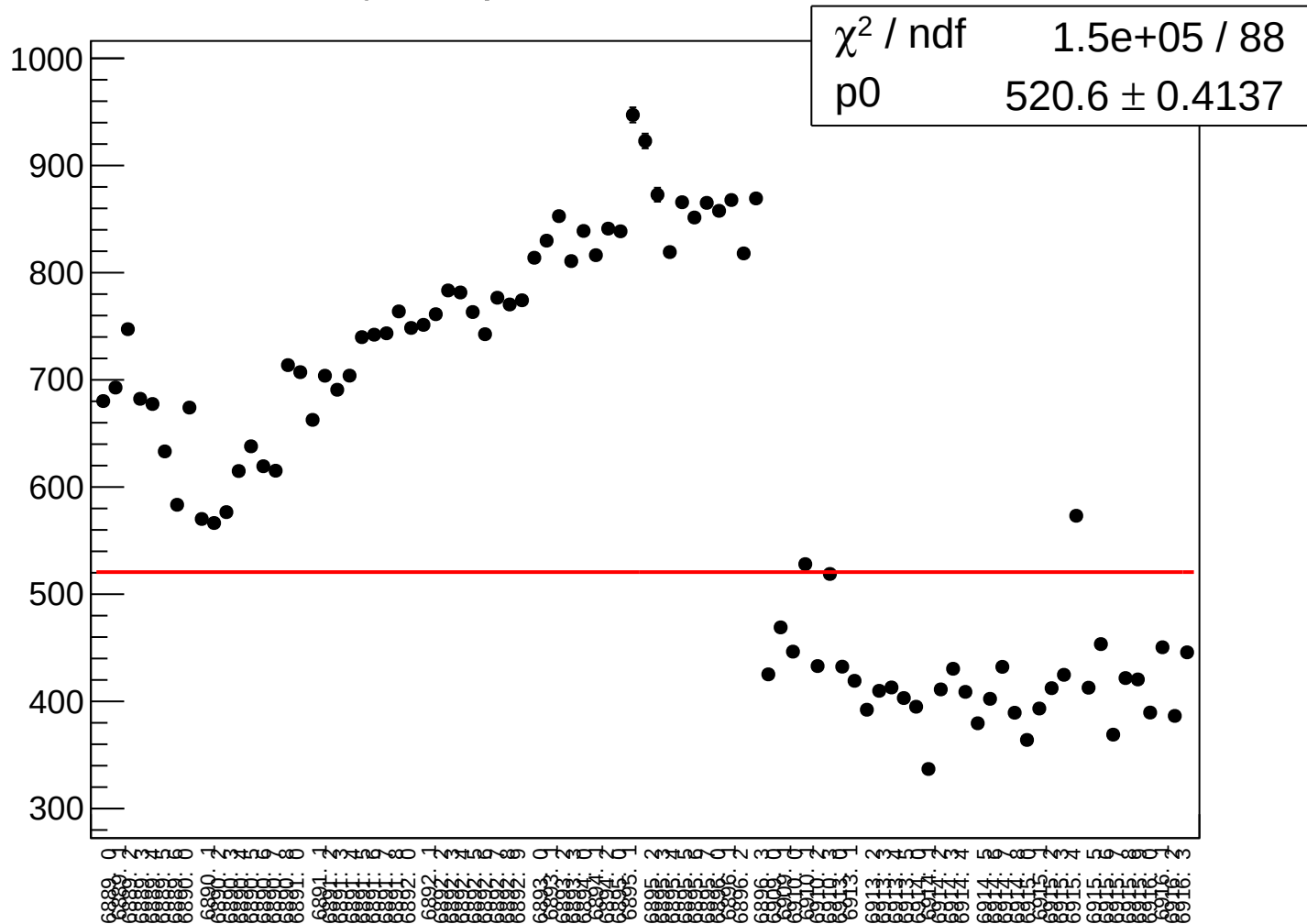
asym_bpm0r03WS_rms vs run



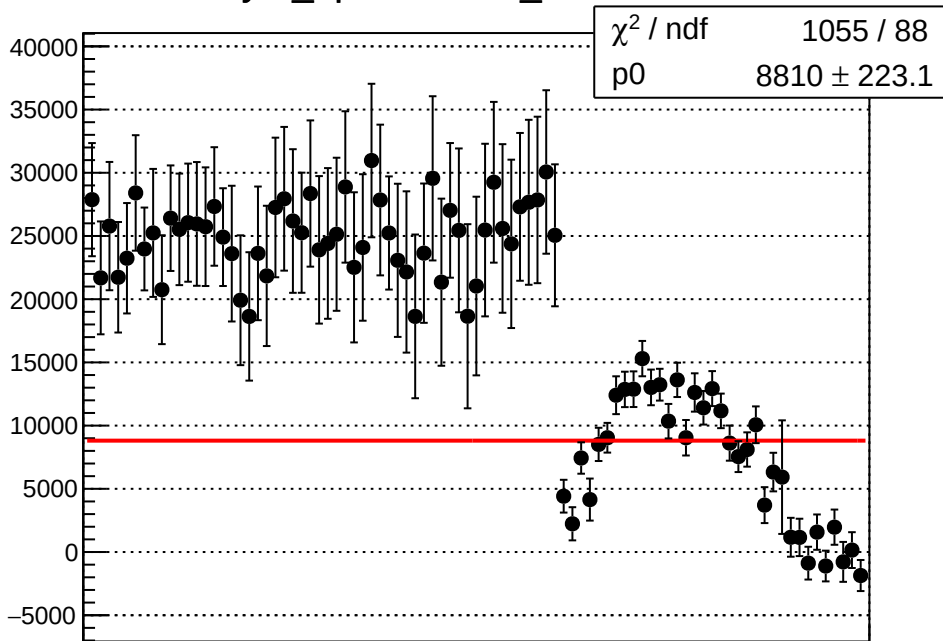
asym_bpm0r05WS_mean vs run



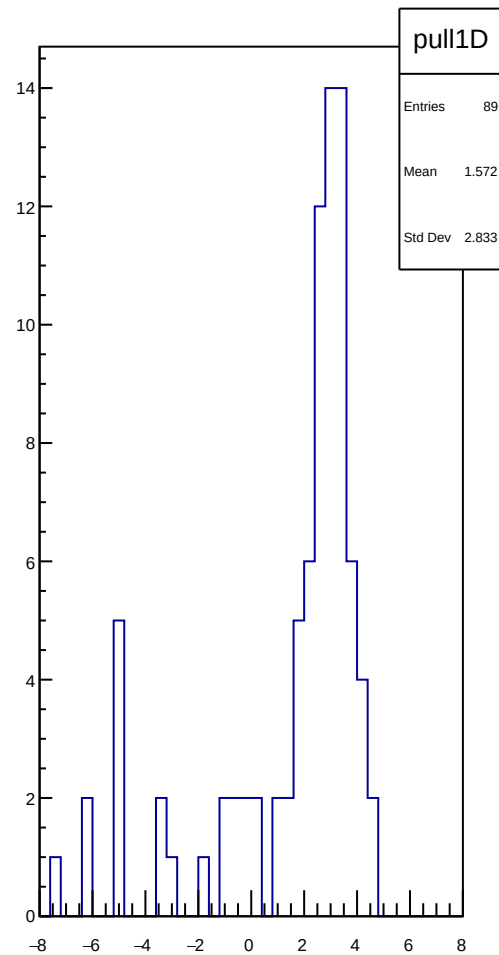
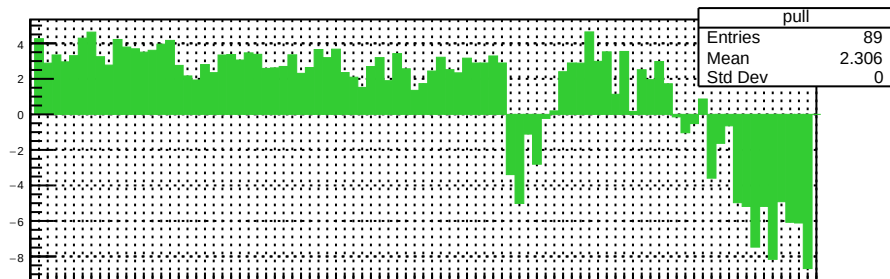
asym_bpm0r05WS_rms vs run



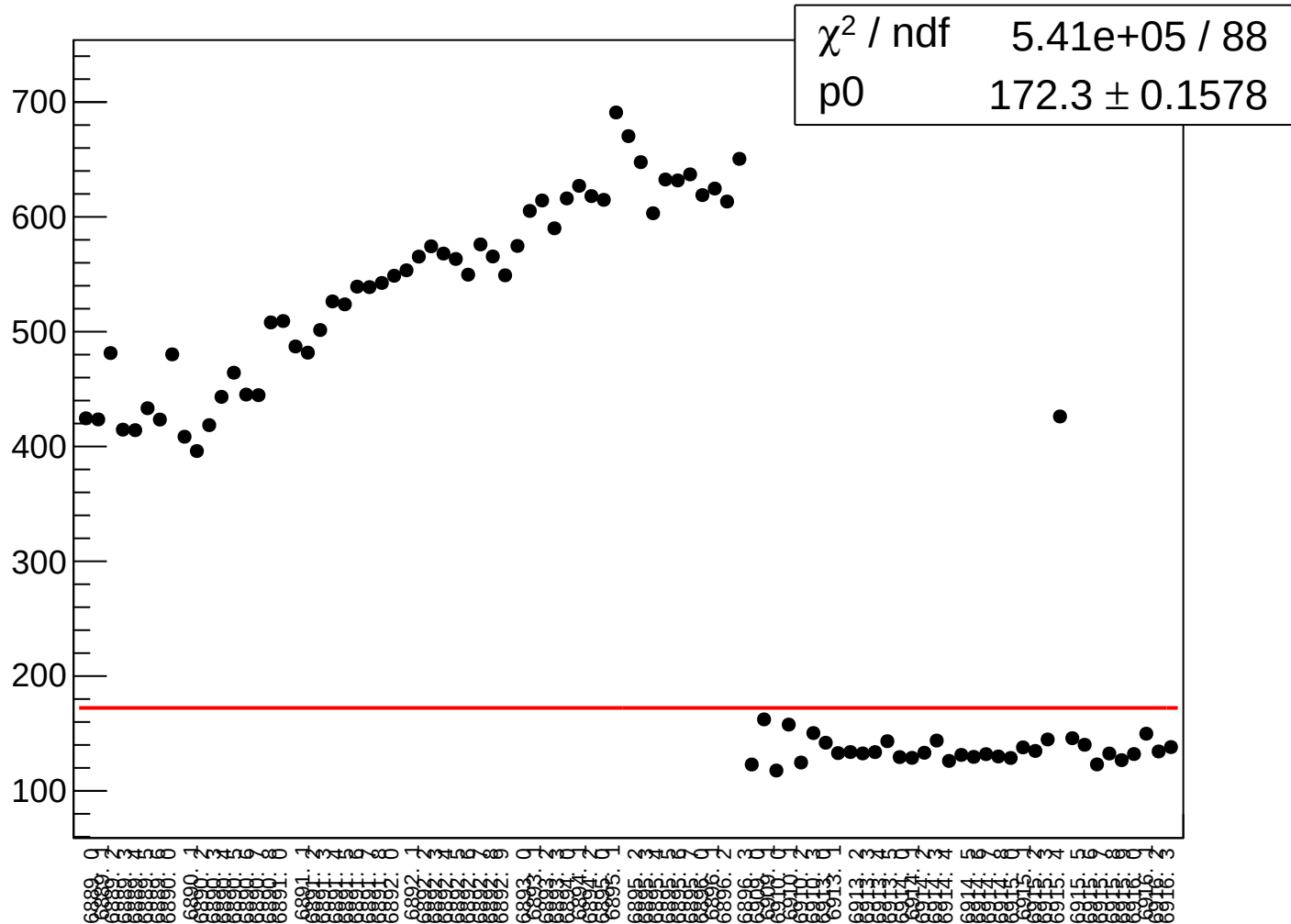
asym_bpm0i02WS_mean vs run



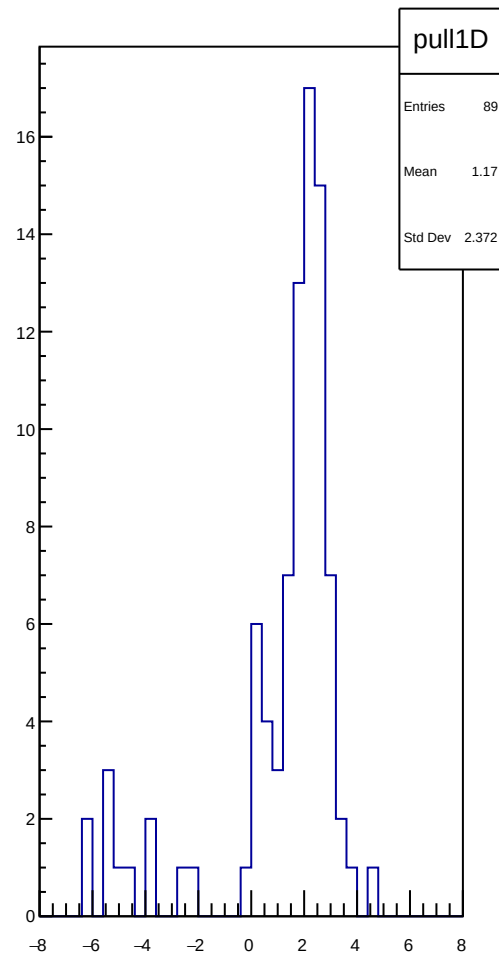
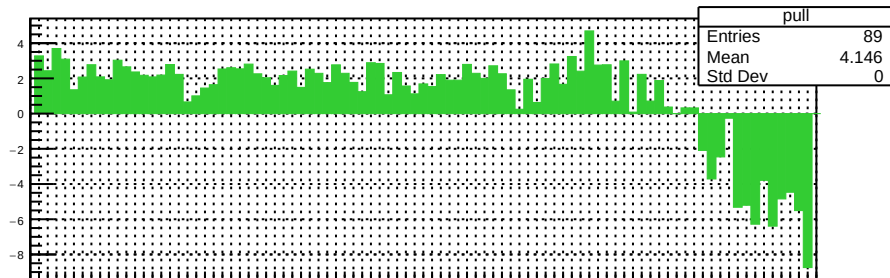
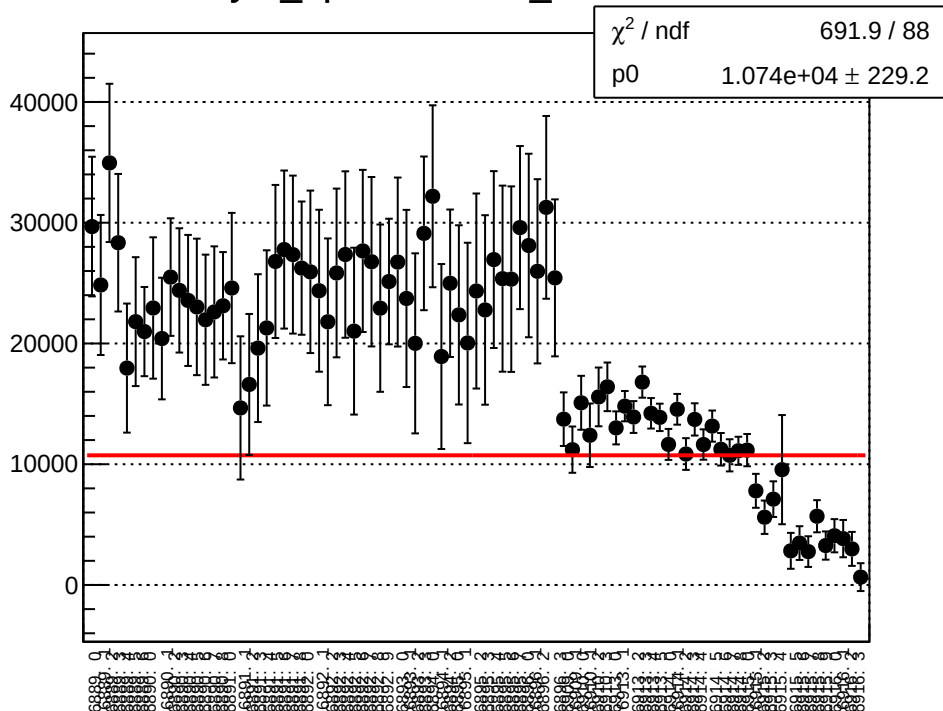
Correlation plot showing the relationship between $\text{asym_bpm0i02WS_mean}$ and run . The plot displays a grid of small scatter plots for various combinations of variables.



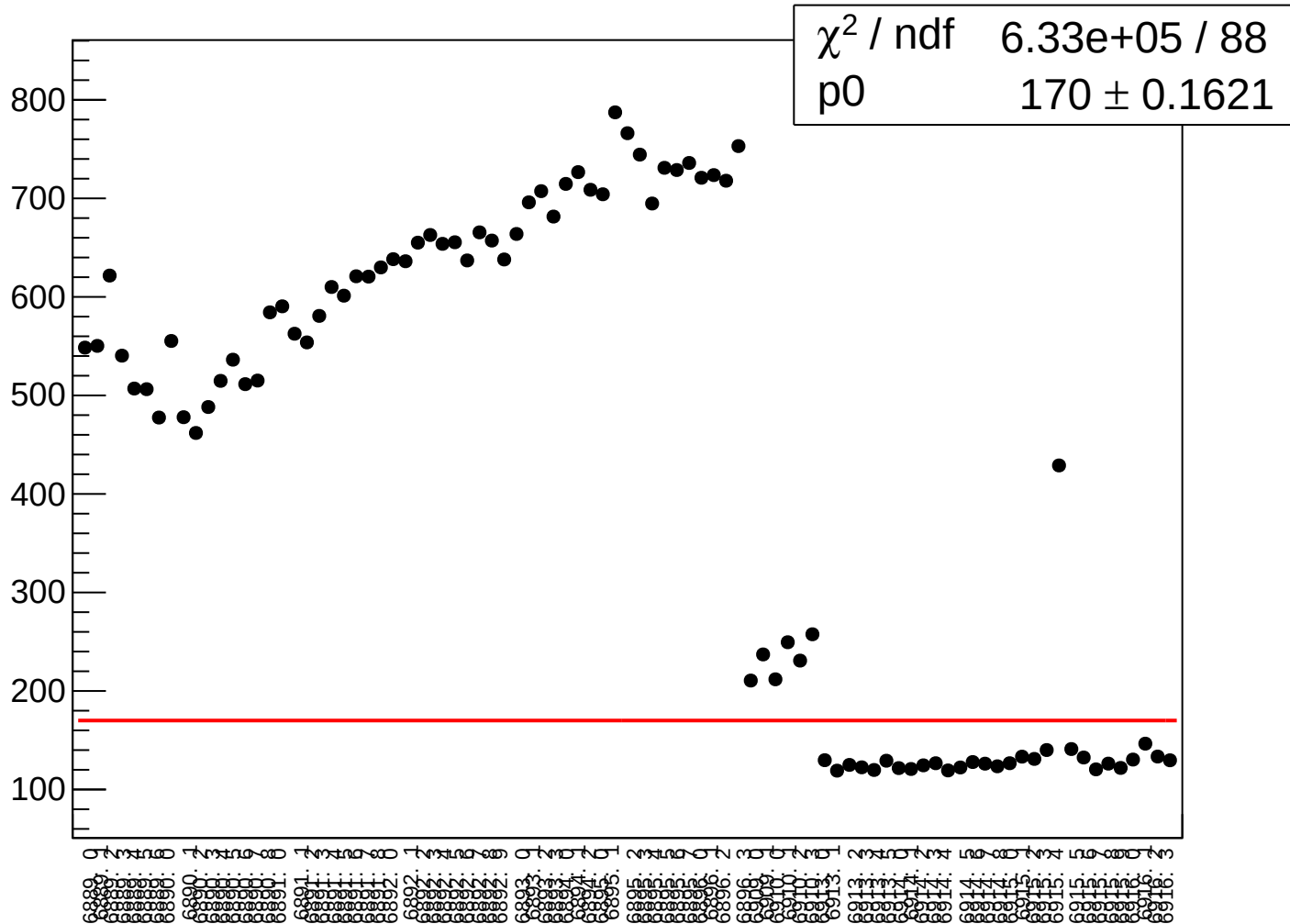
asym_bpm0i02WS_rms vs run



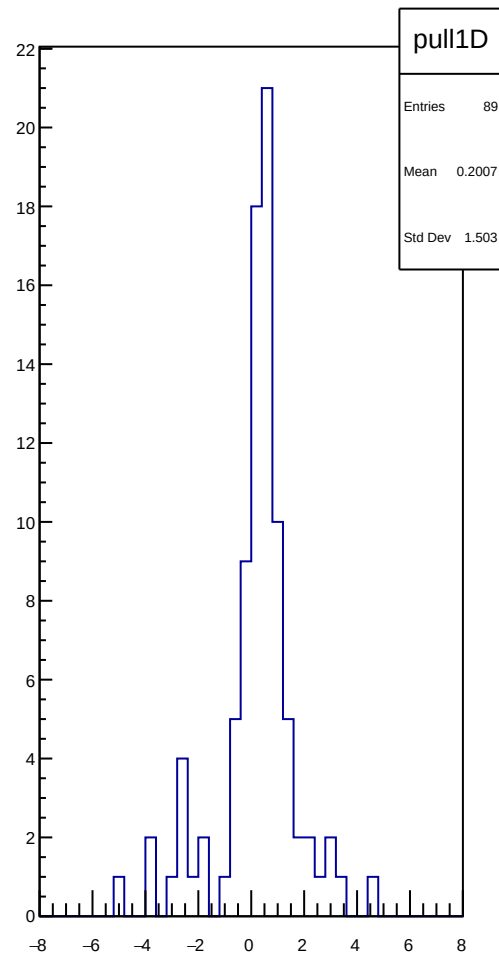
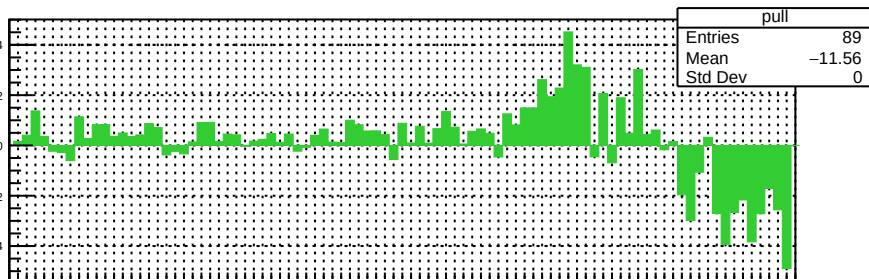
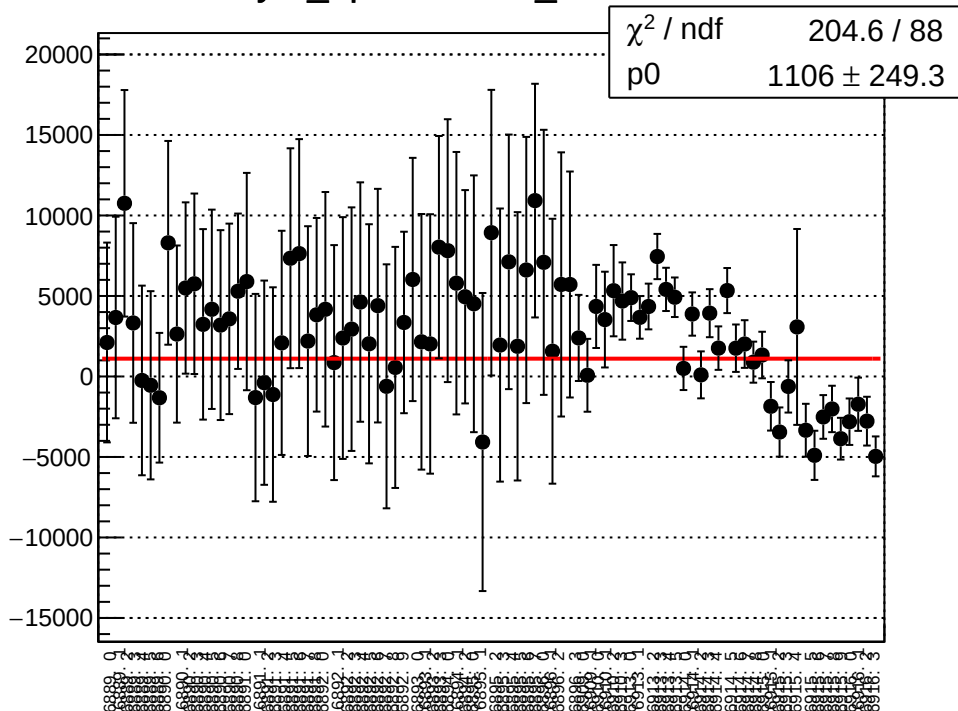
asym_bpm0i02aWS_mean vs run



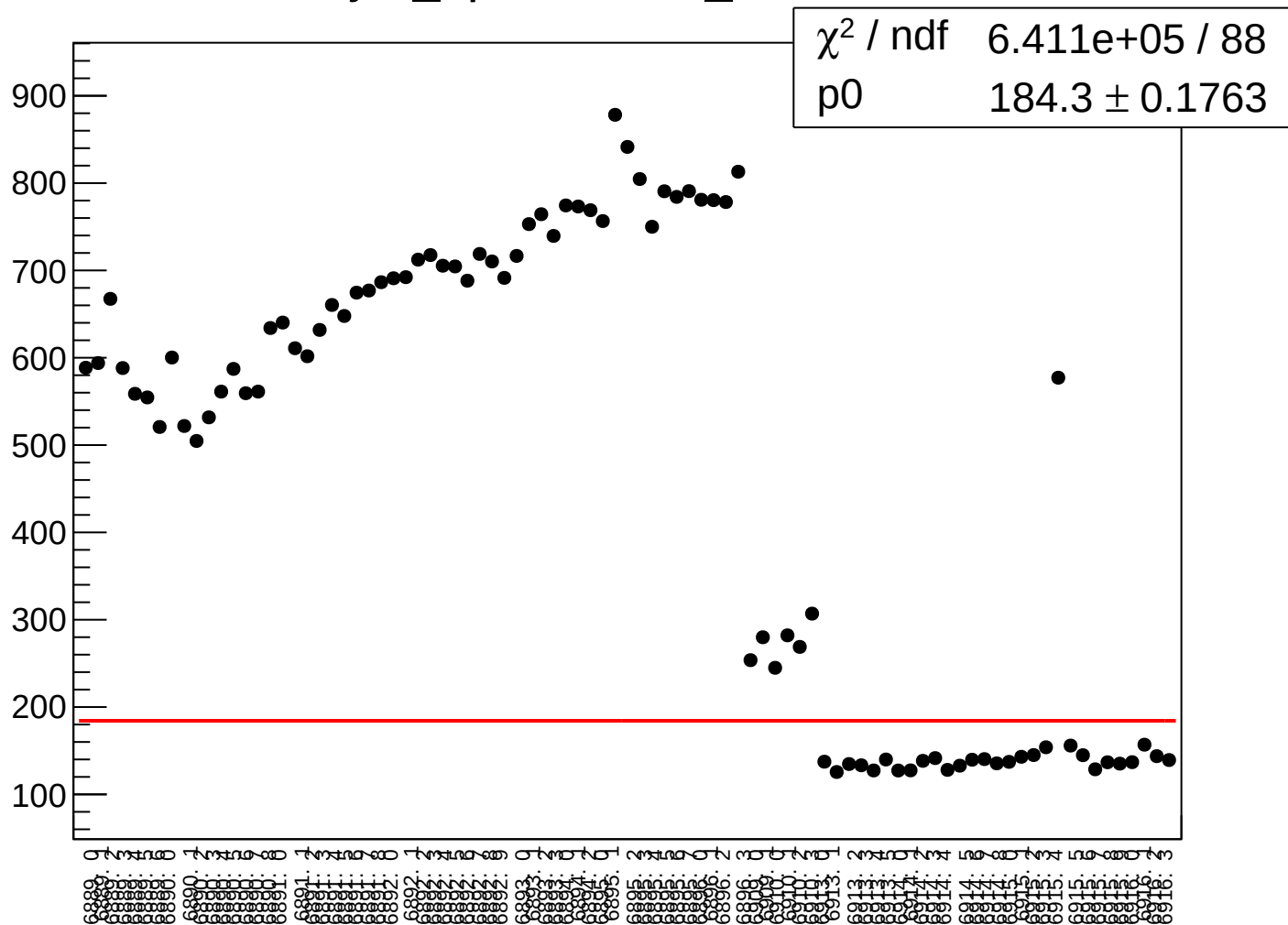
asym_bpm0i02aWS_rms vs run



asym_bpm0i05WS_mean vs run

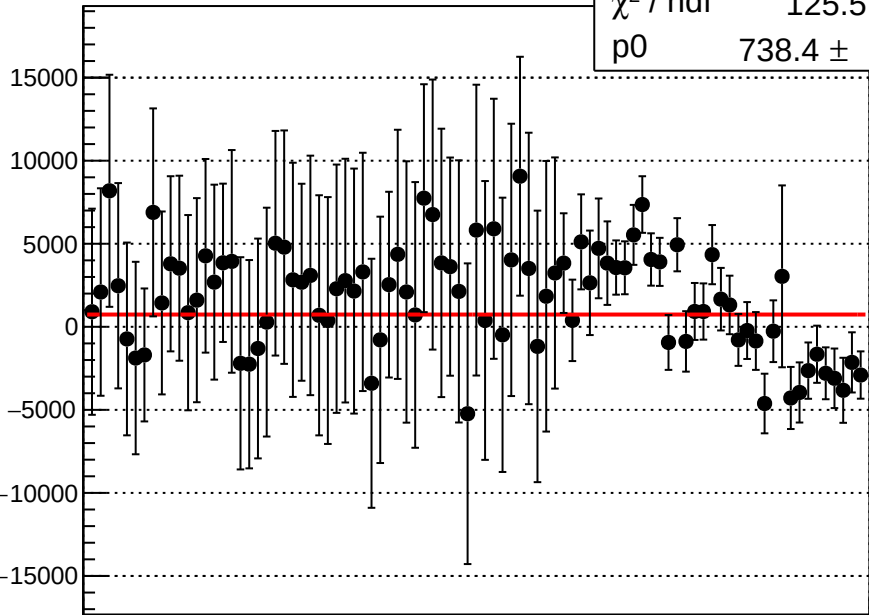


asym_bpm0i05WS_rms vs run



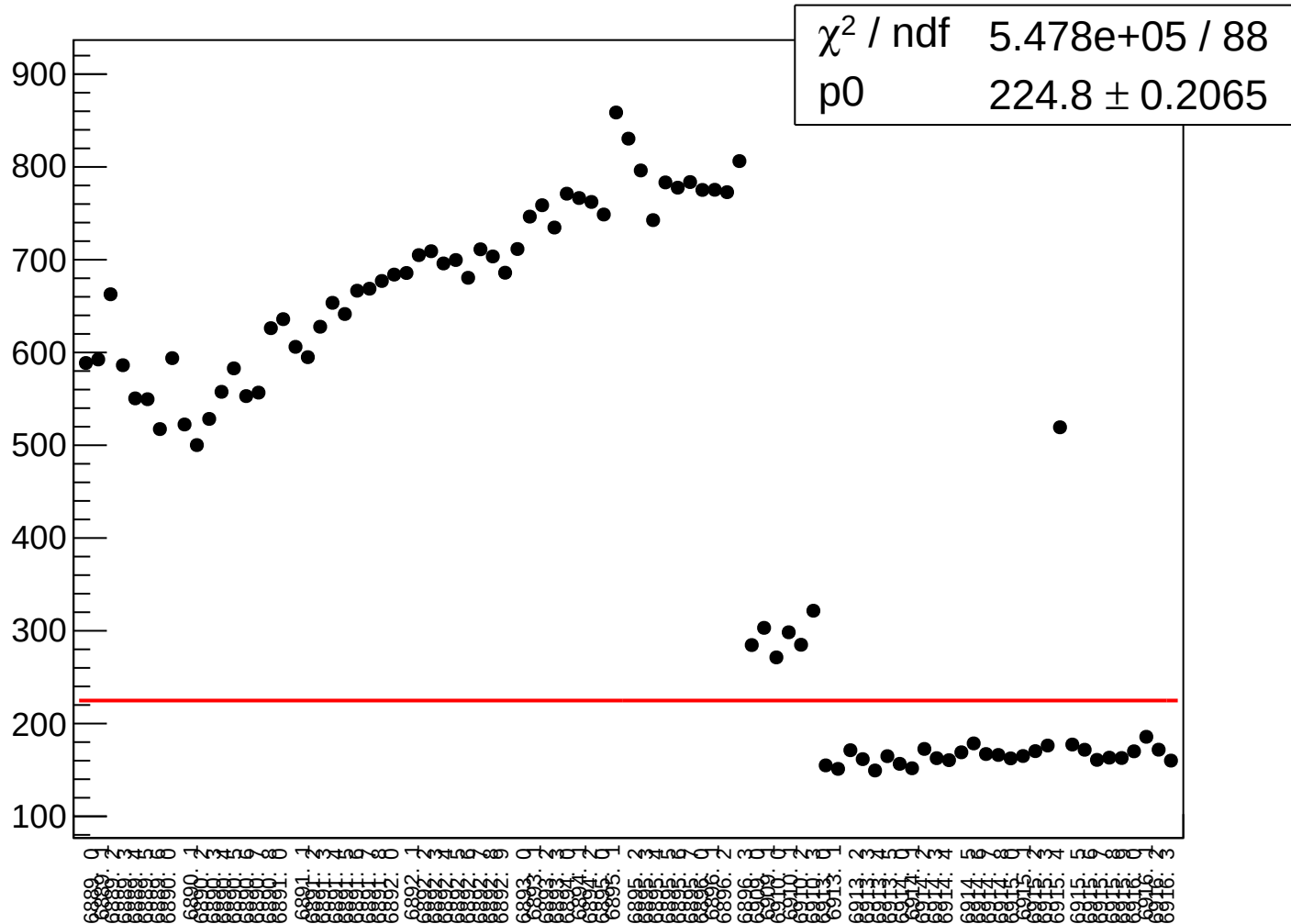
asym_bpm0i07WS_mean vs run

χ^2 / ndf 125.5 / 88
p0 738.4 ± 292

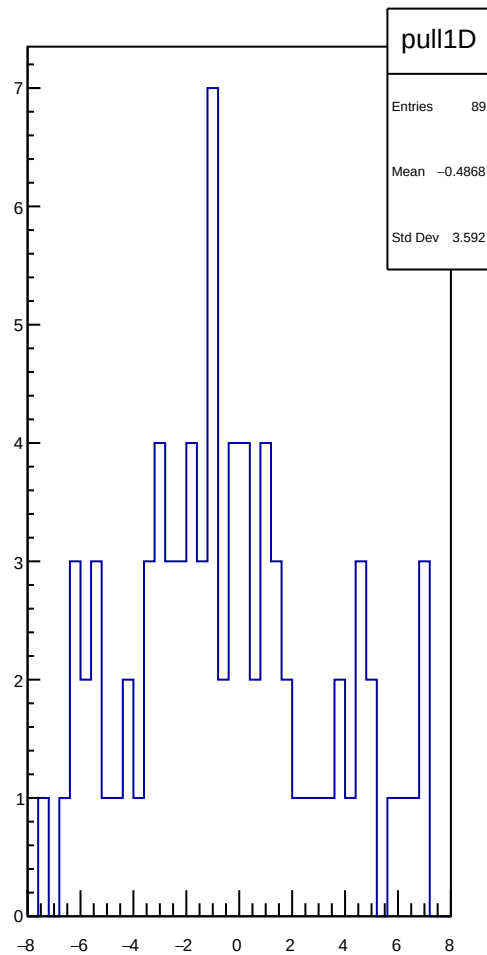
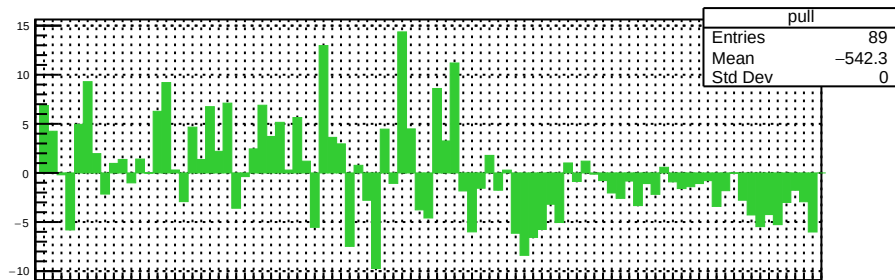
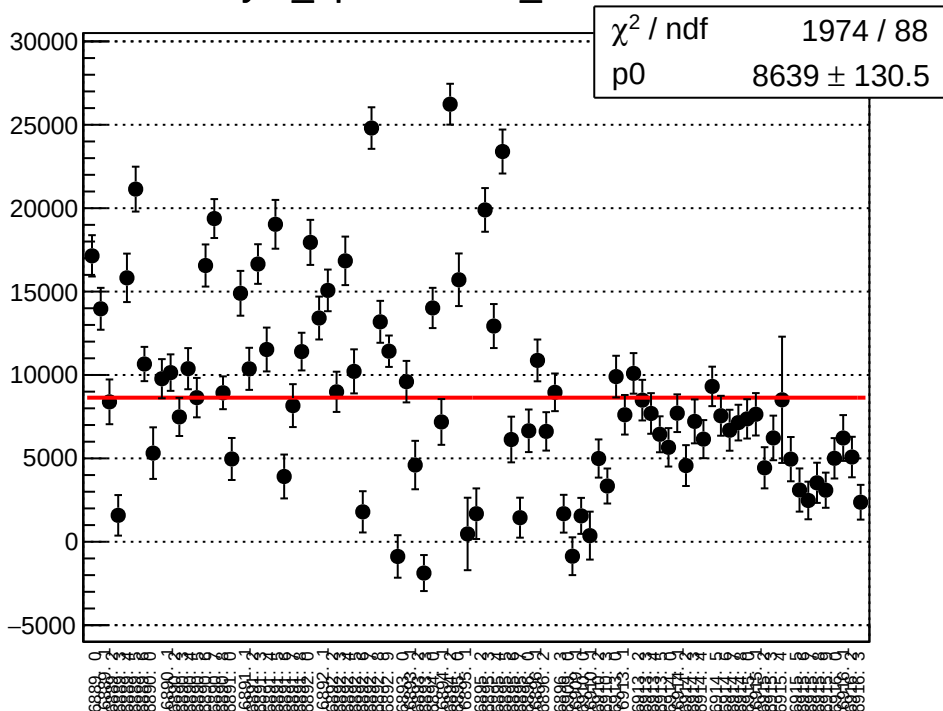


0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 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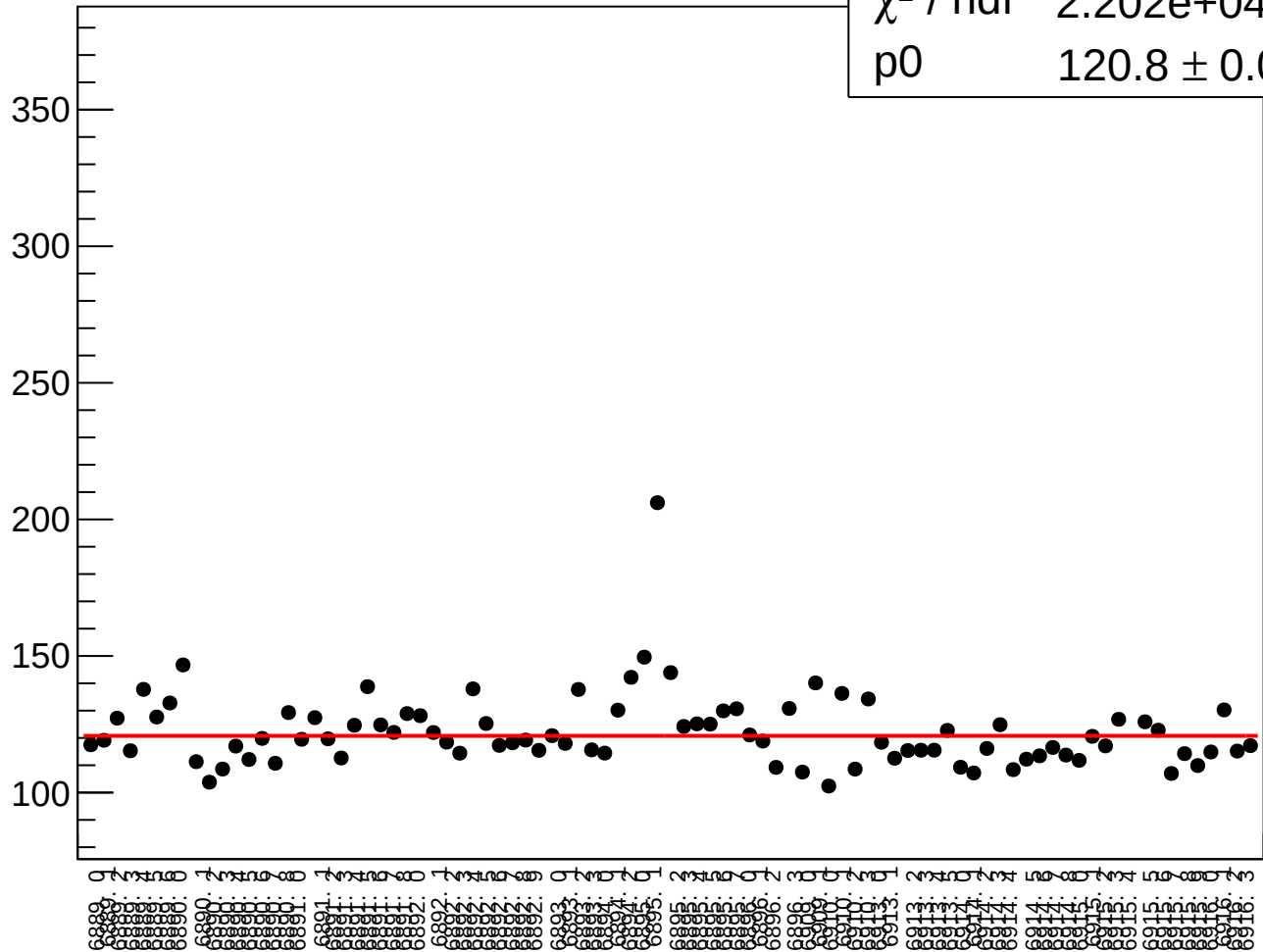


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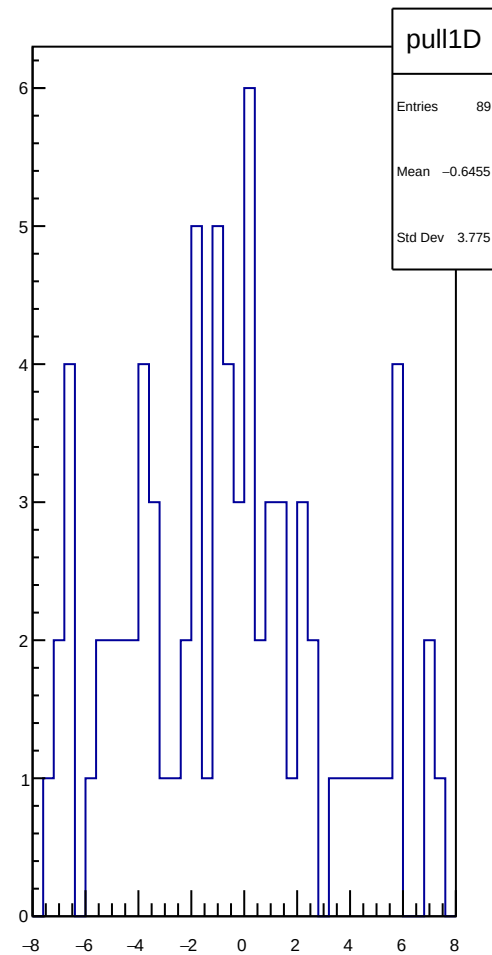
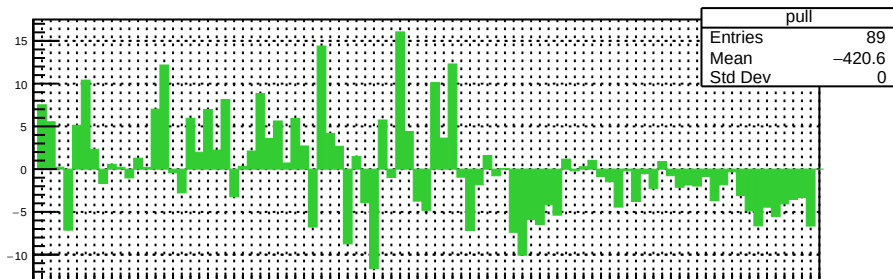
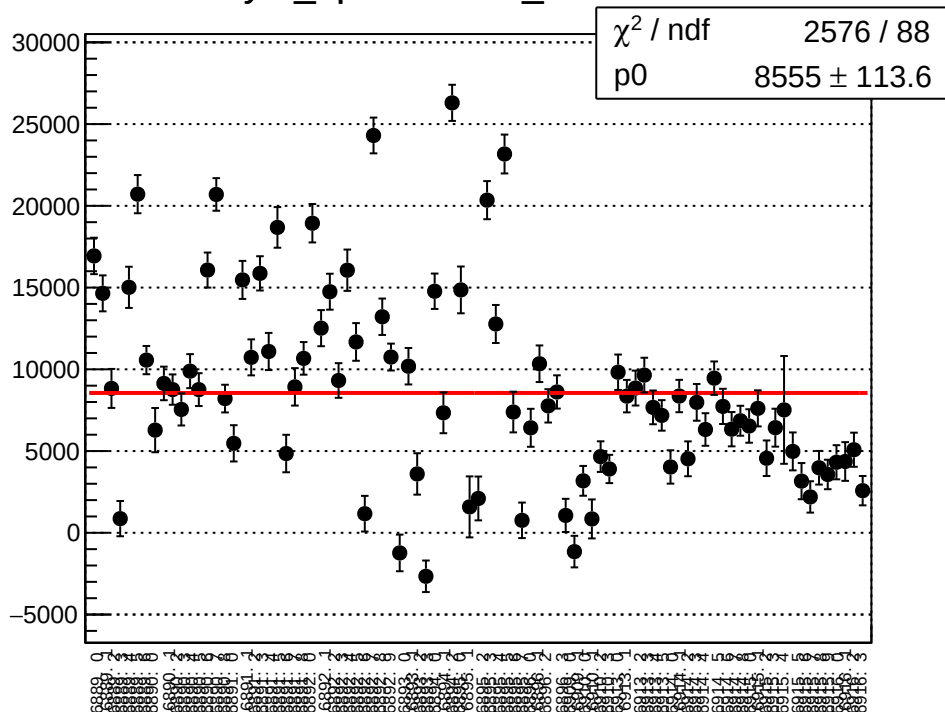


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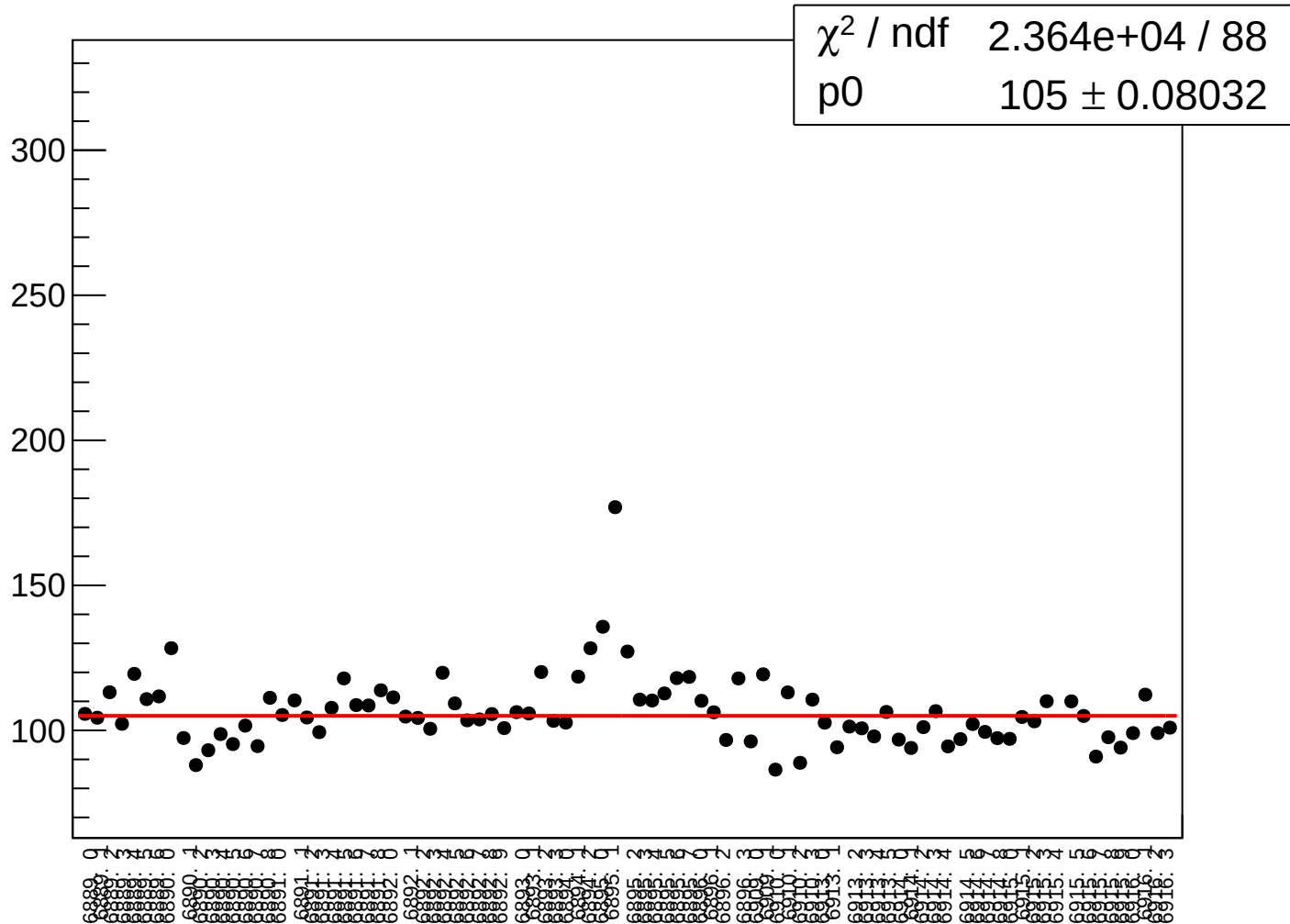
χ^2 / ndf	2.202e+04 / 88
p0	120.8 $\pm$ 0.0923



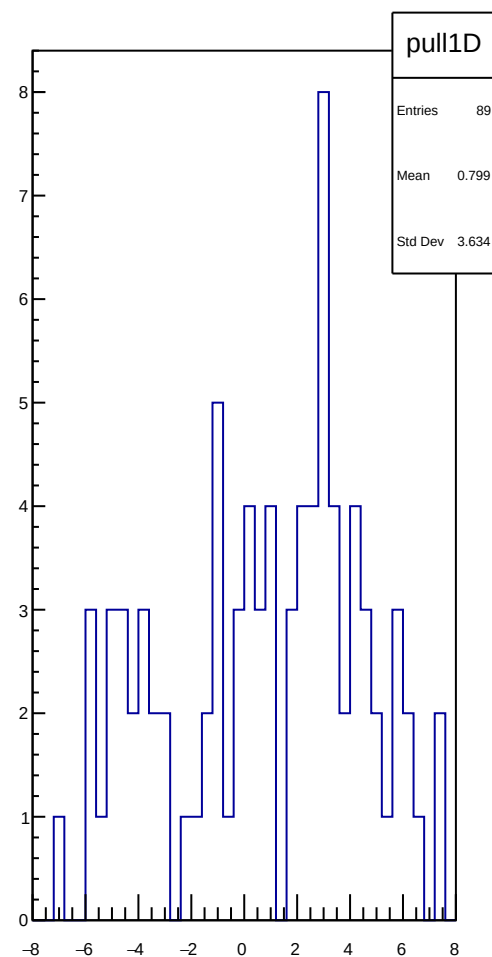
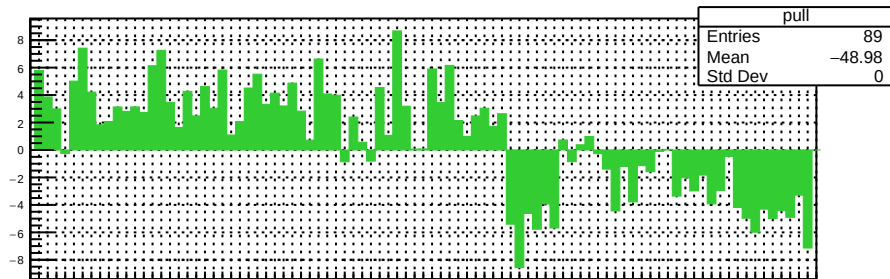
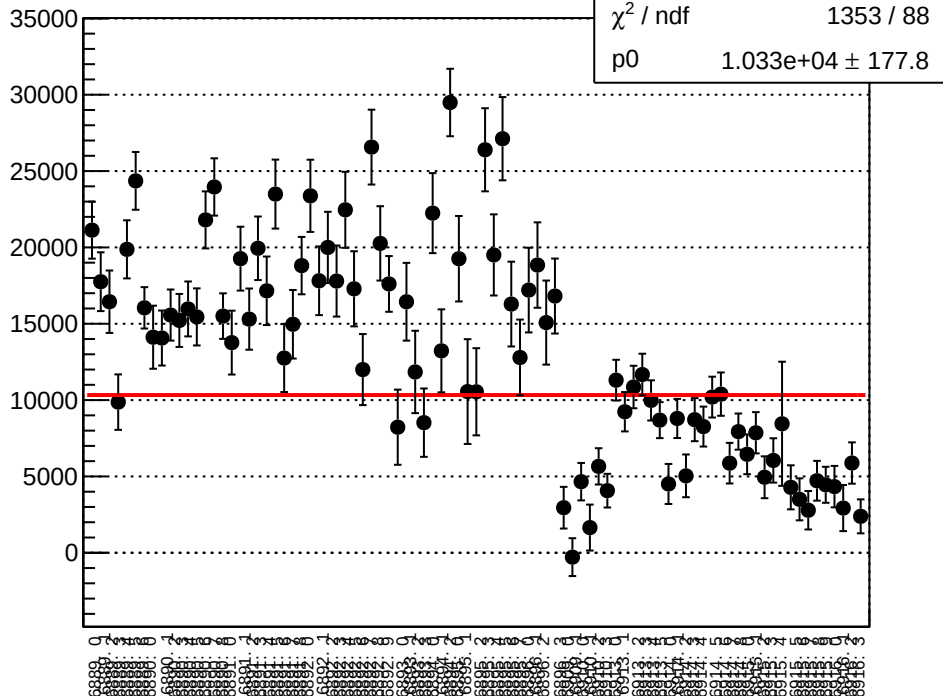
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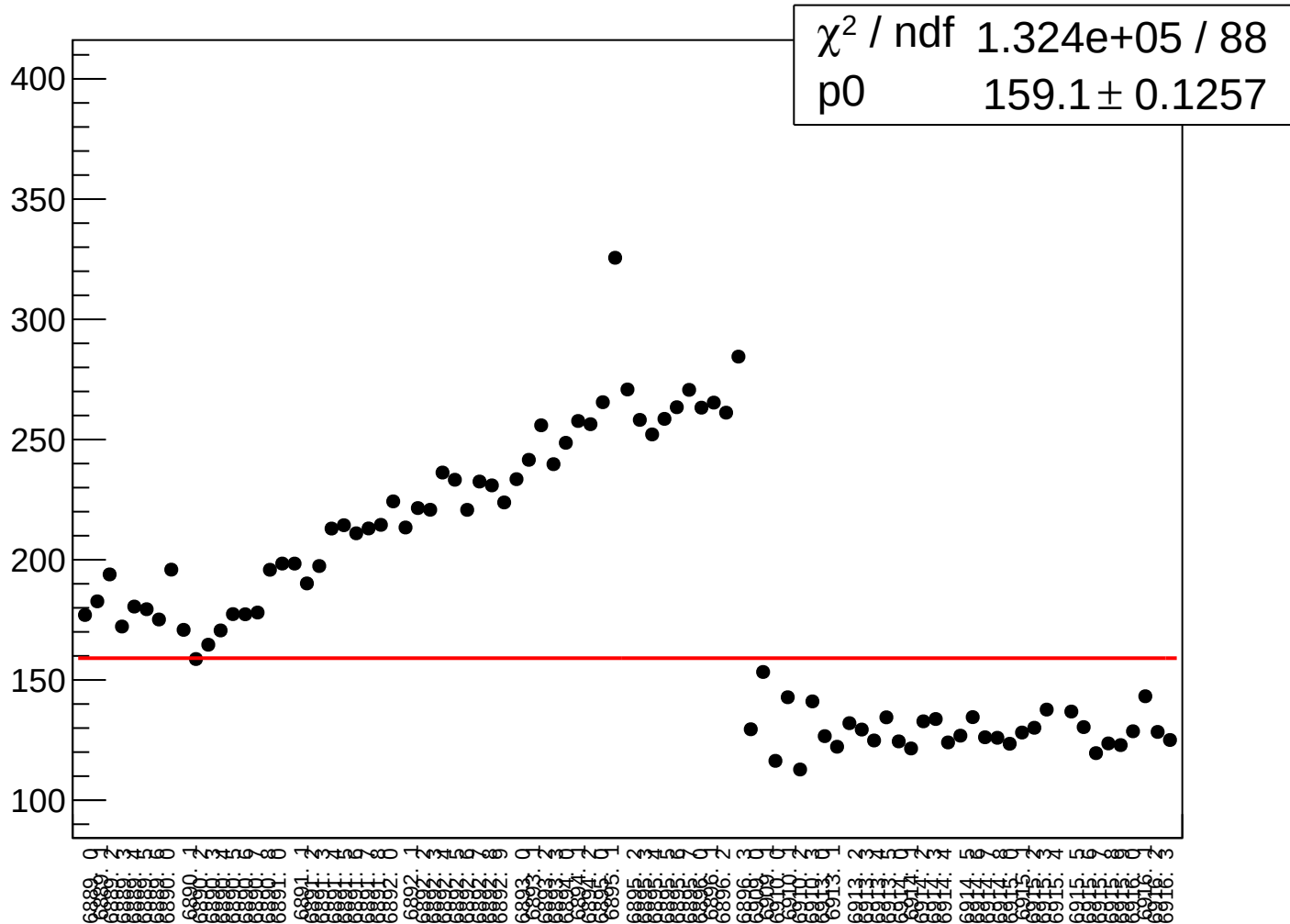
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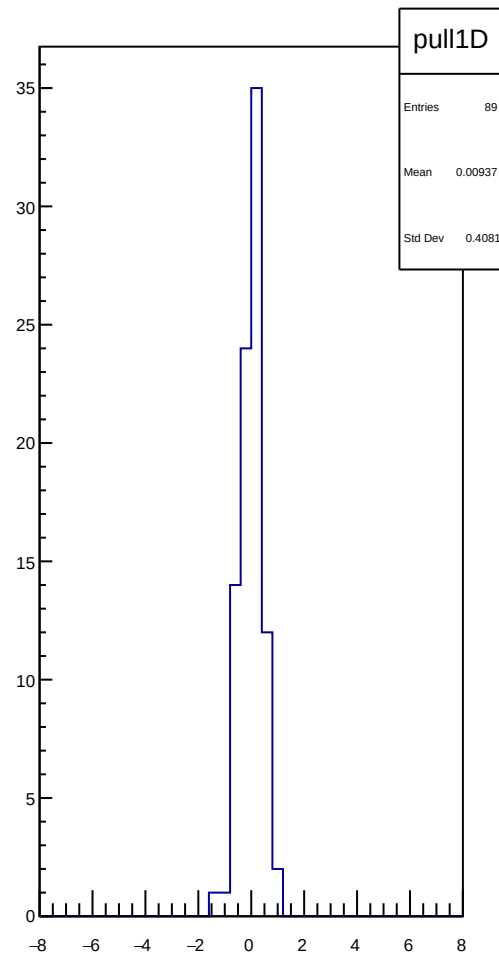
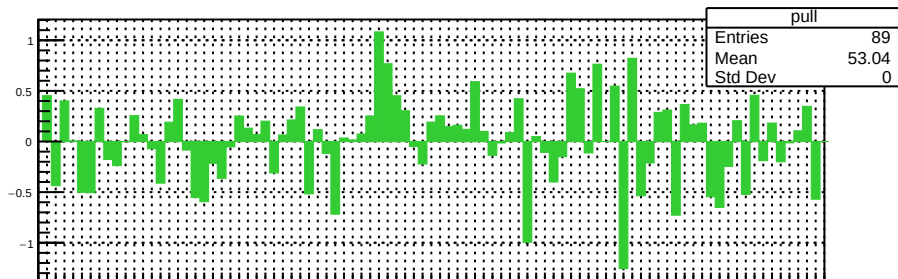
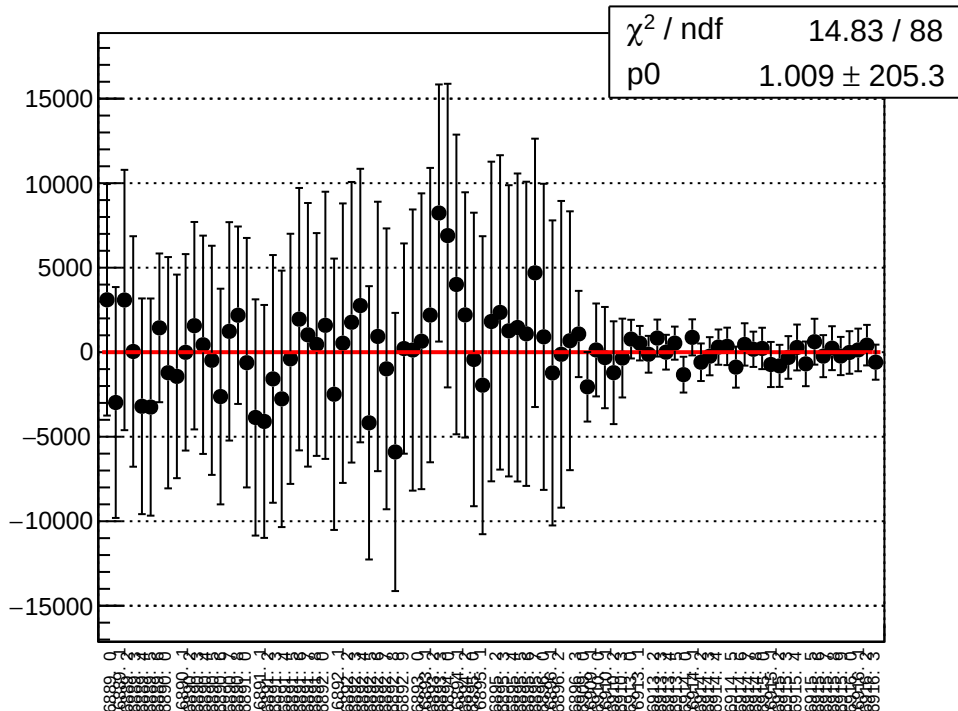
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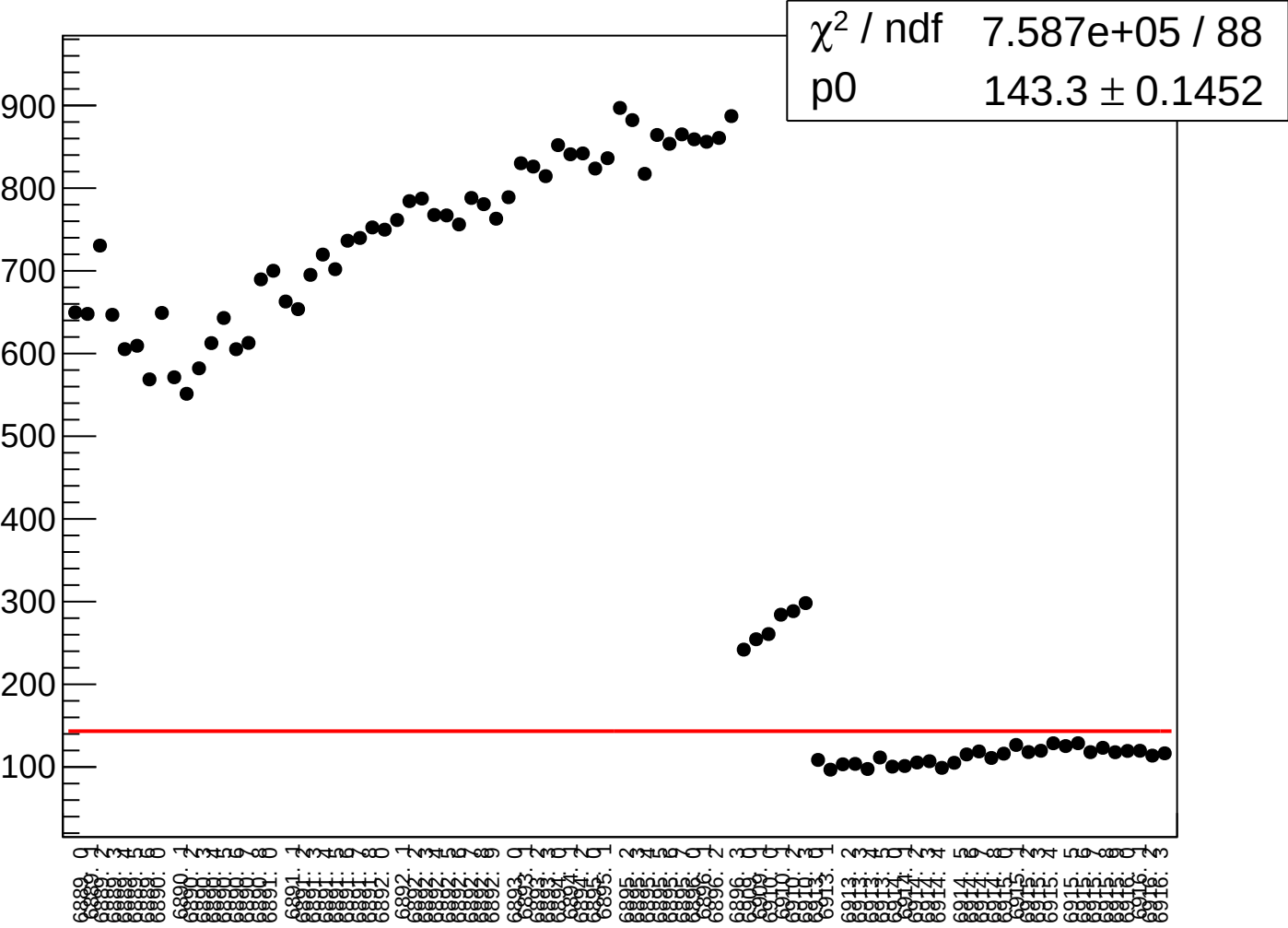
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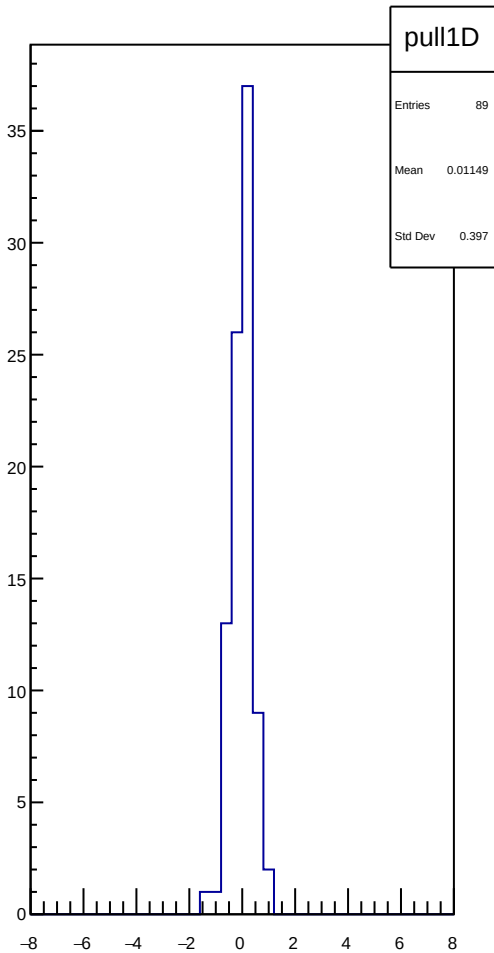
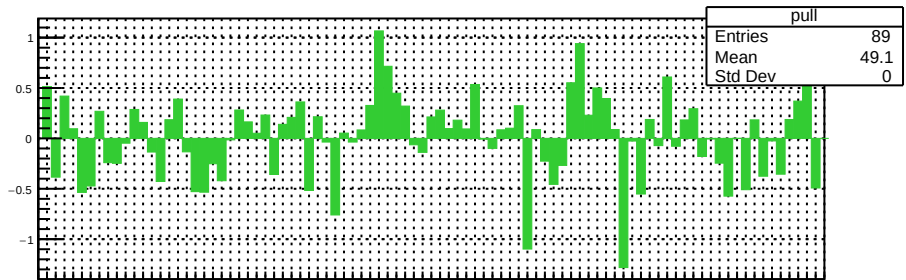
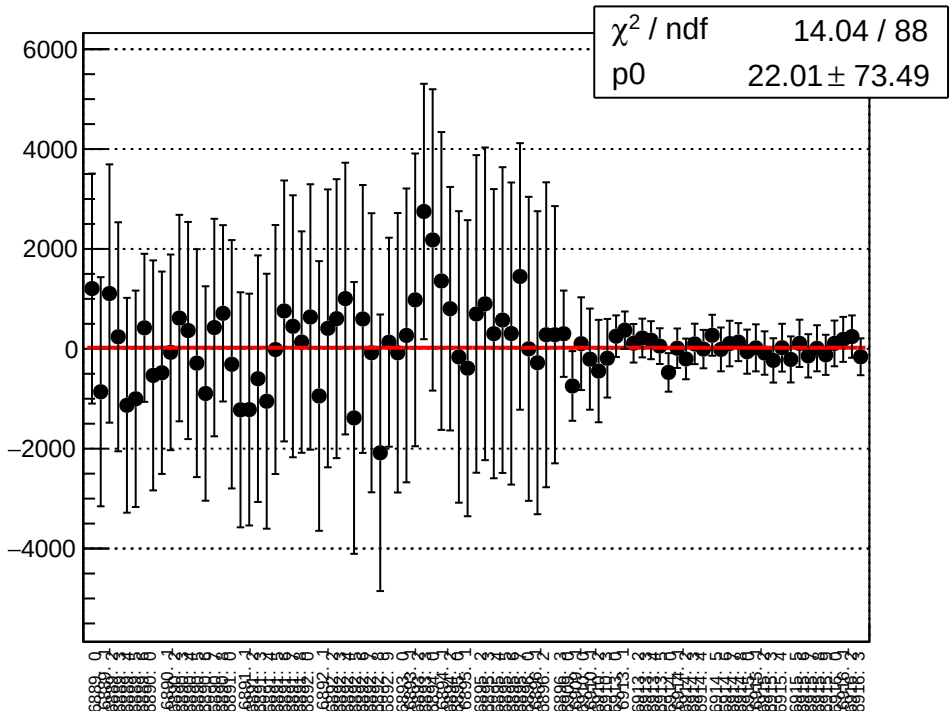
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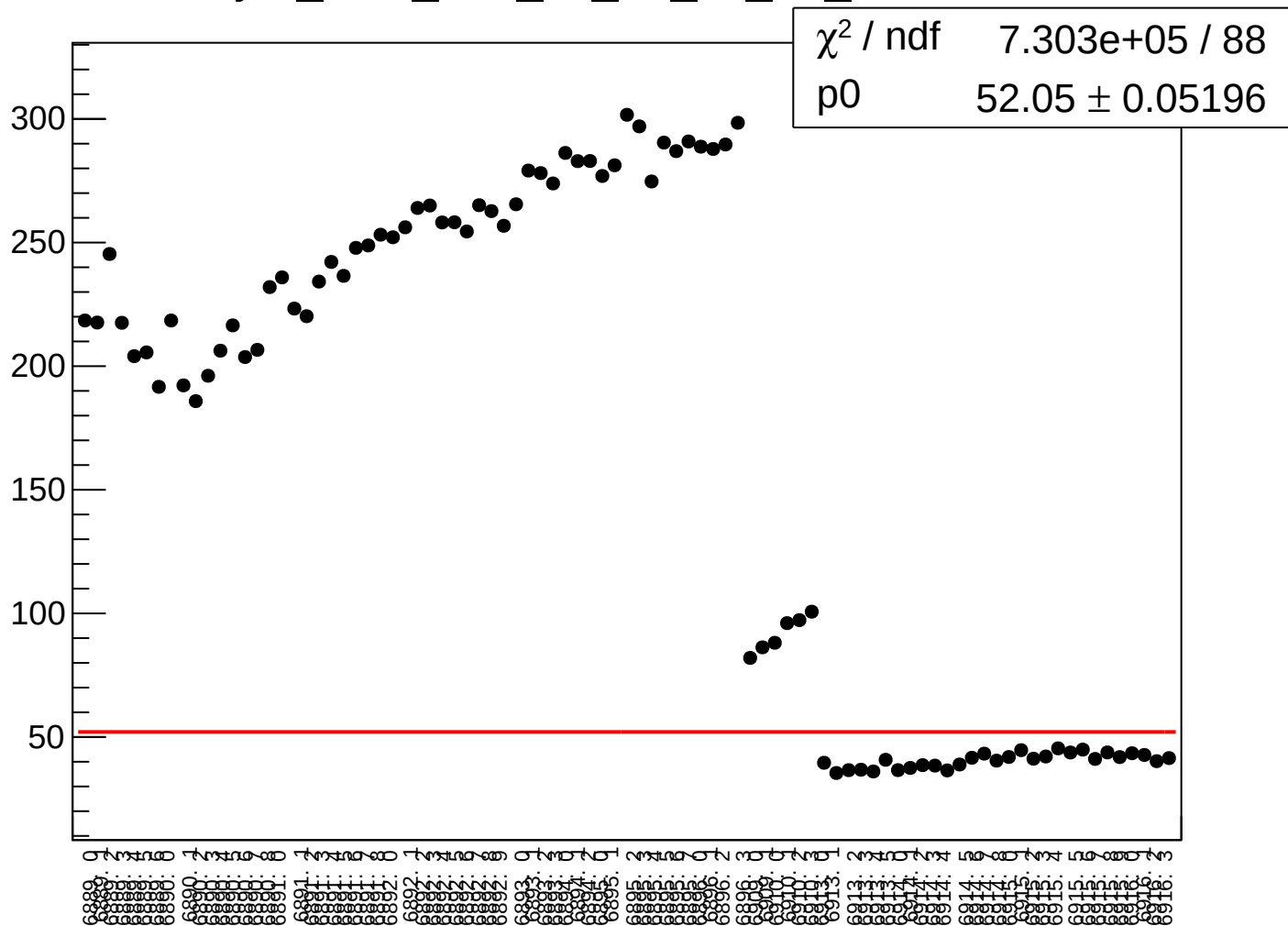
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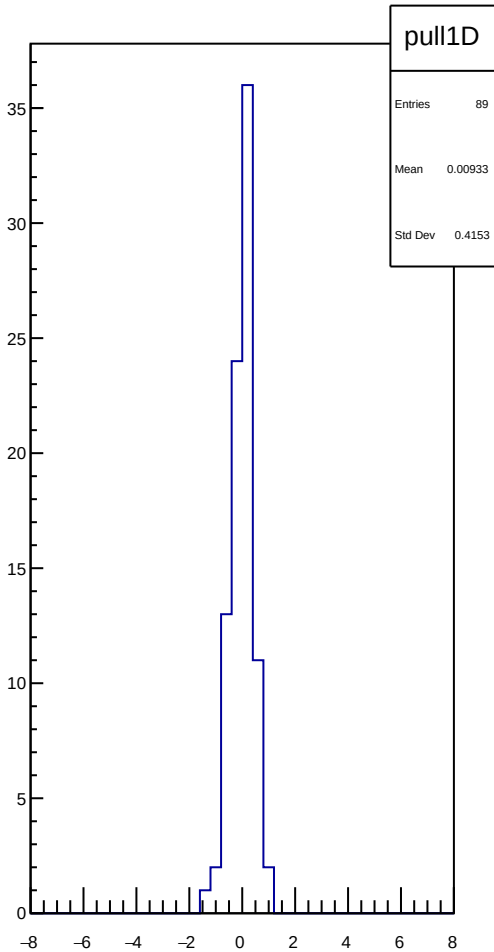
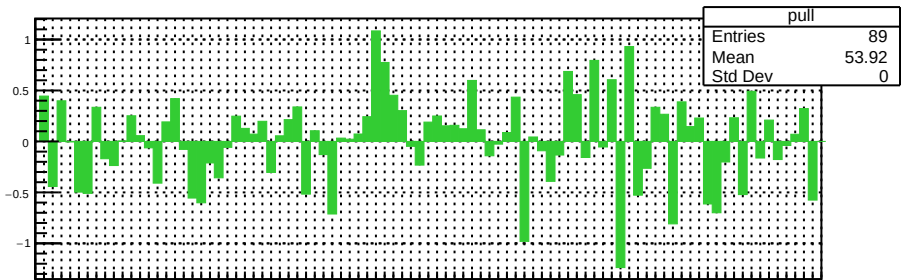
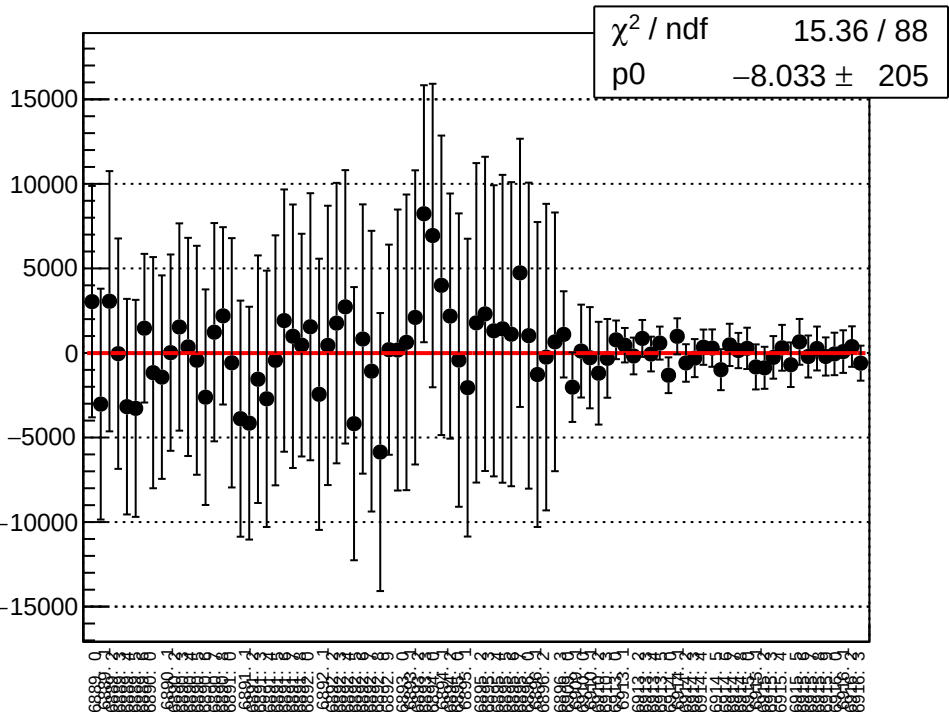
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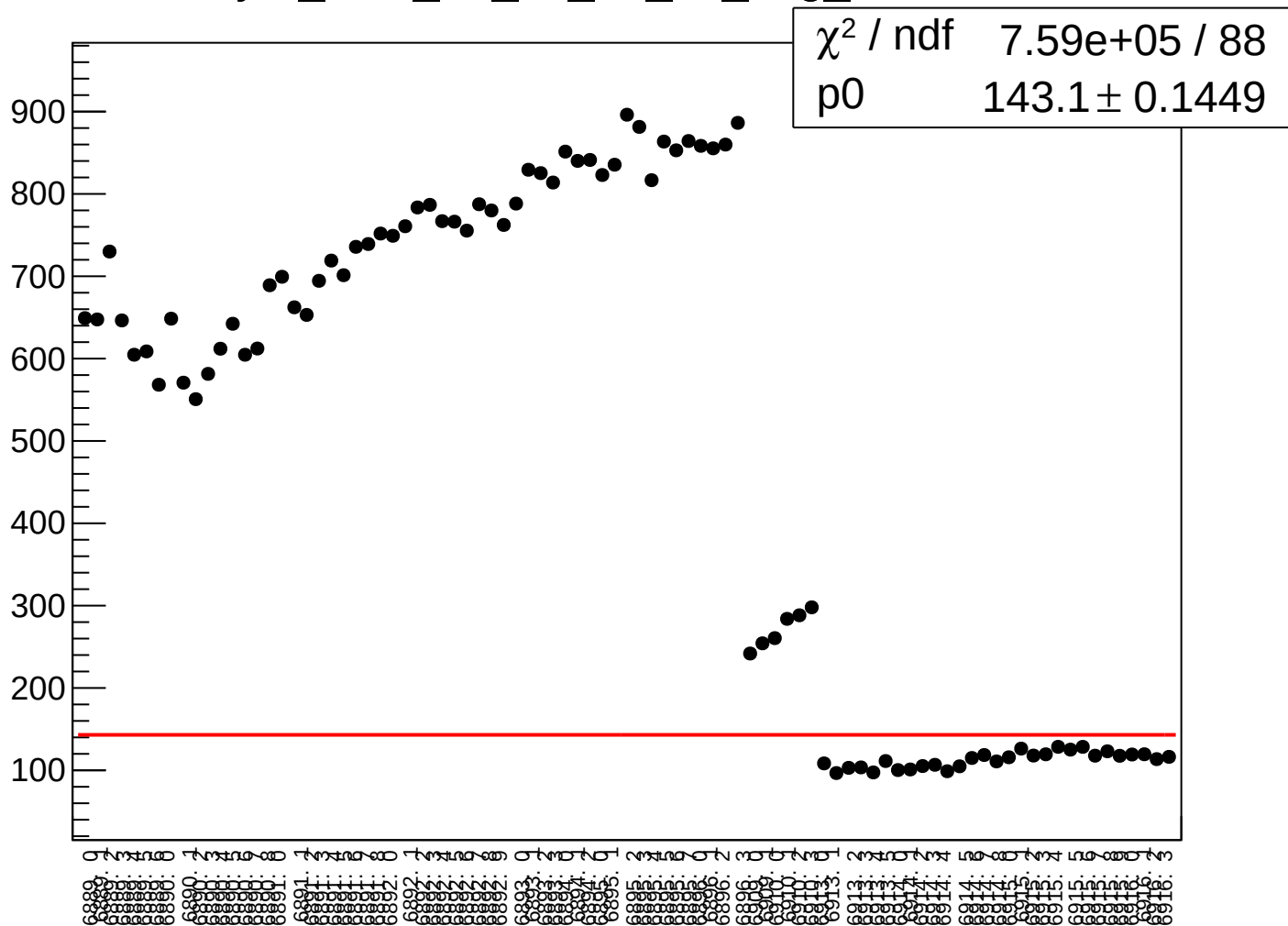
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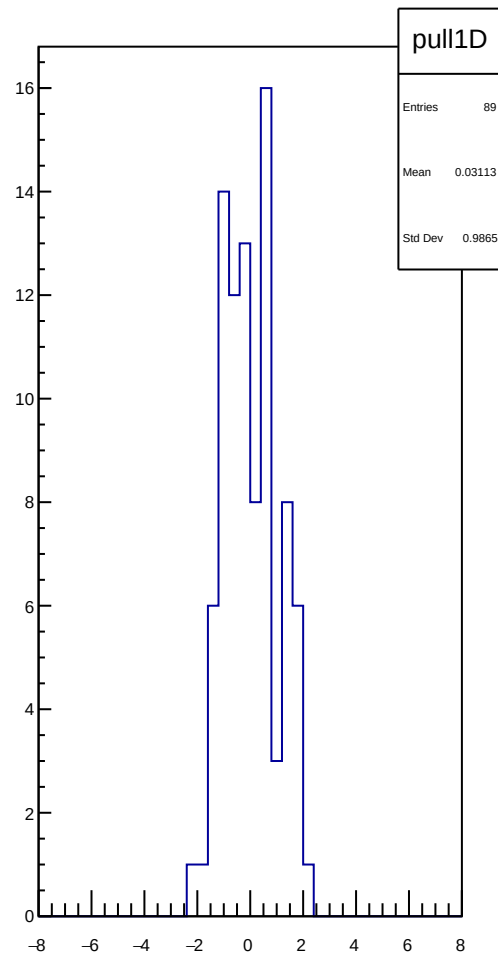
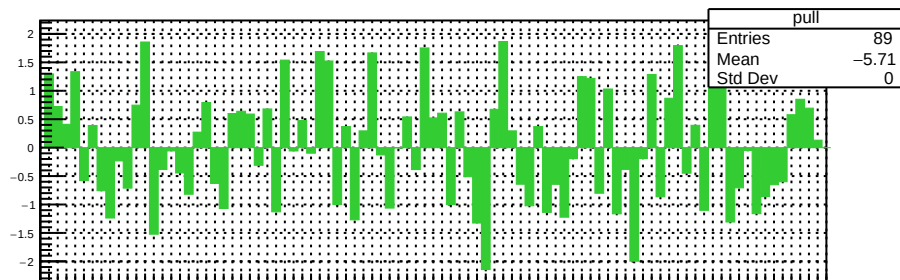
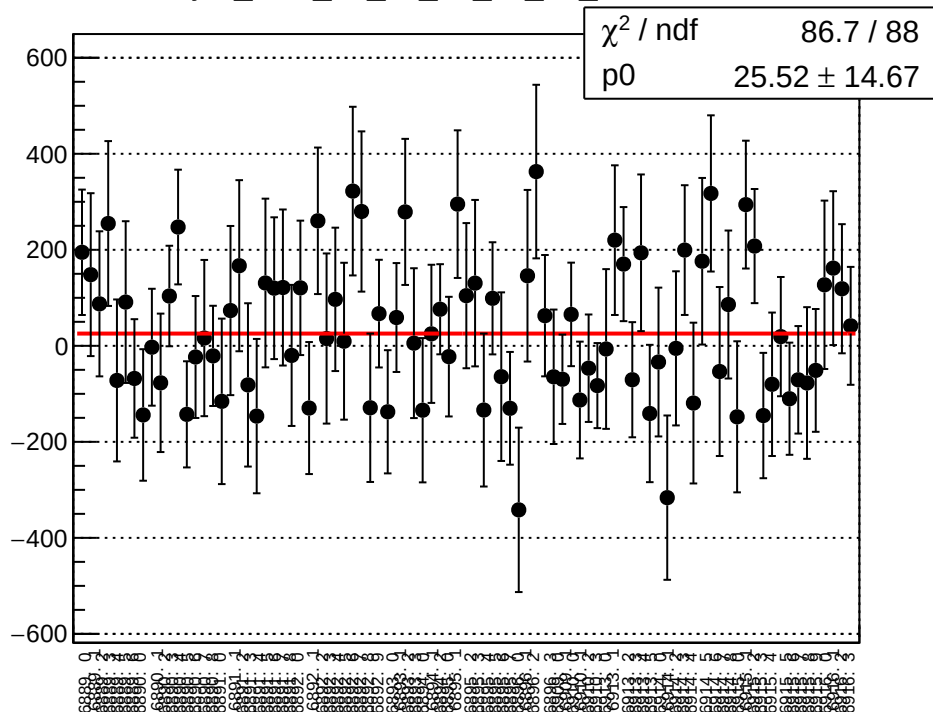
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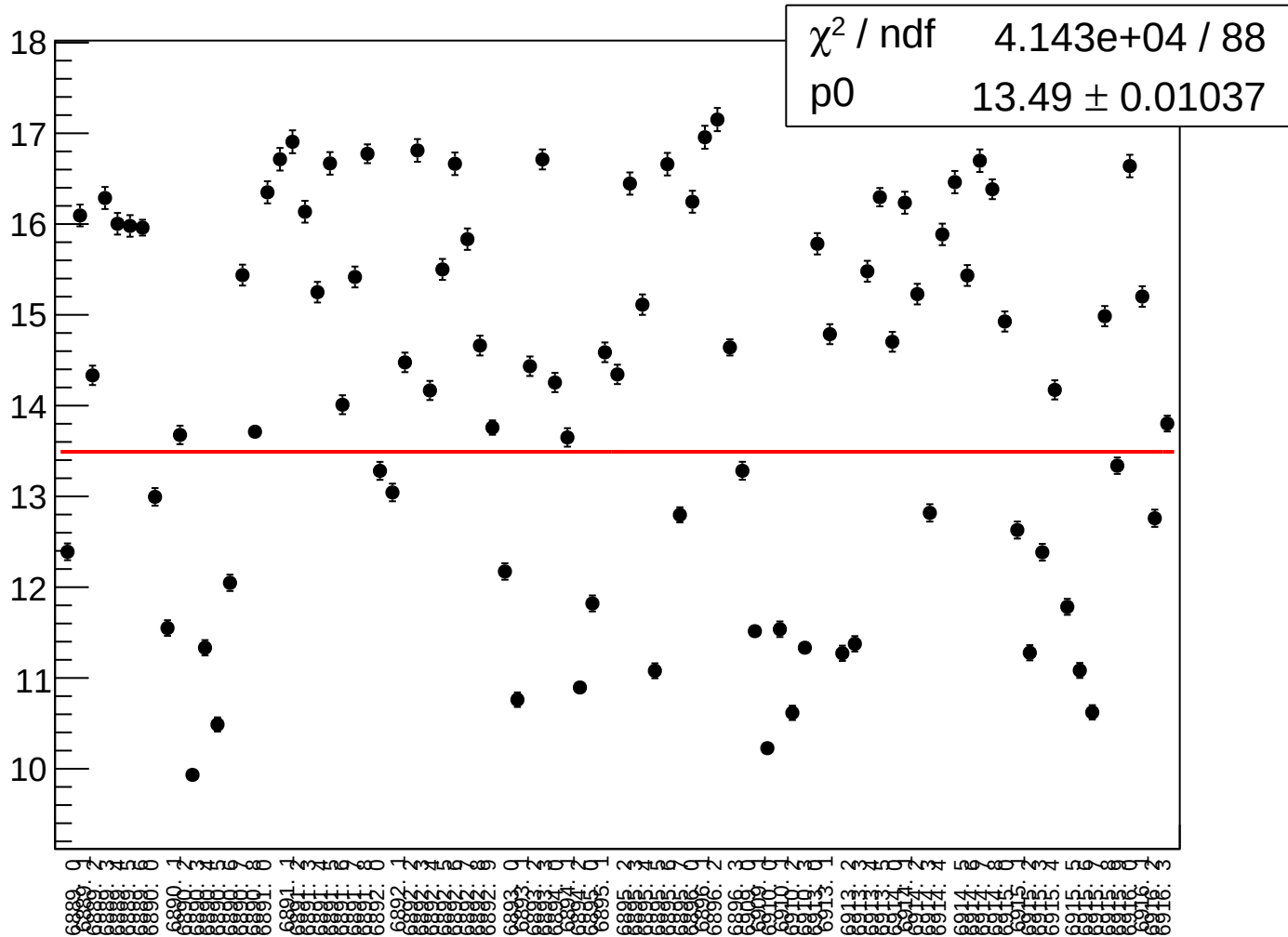
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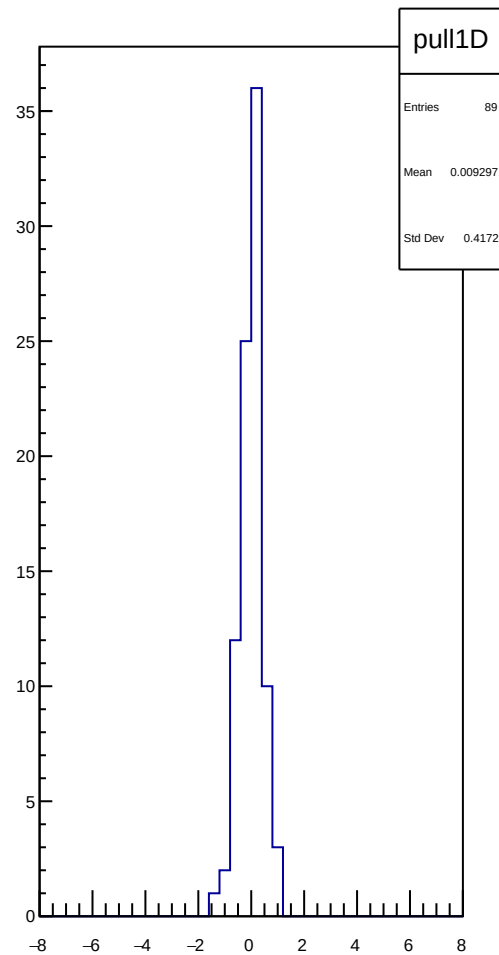
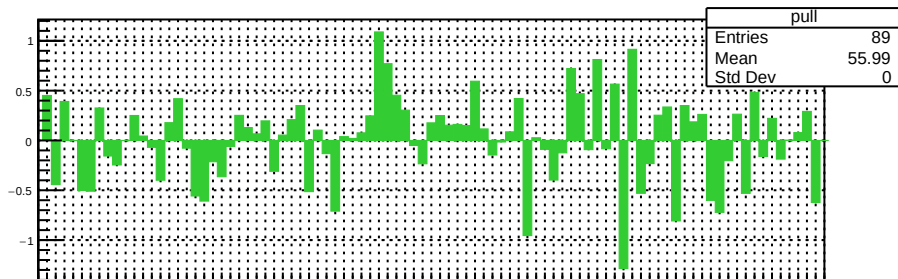
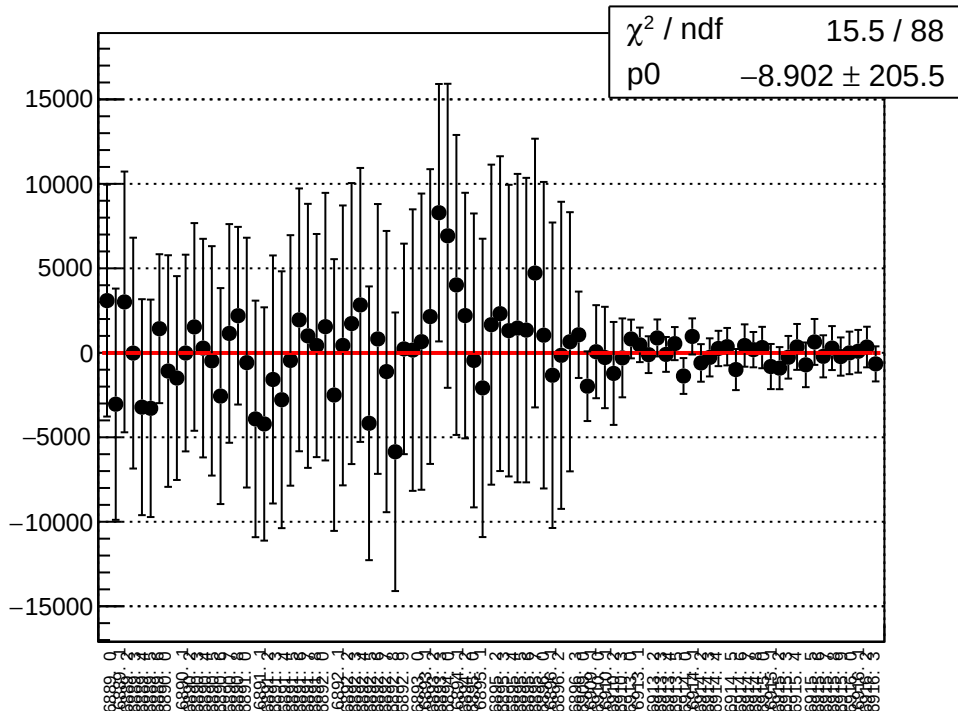
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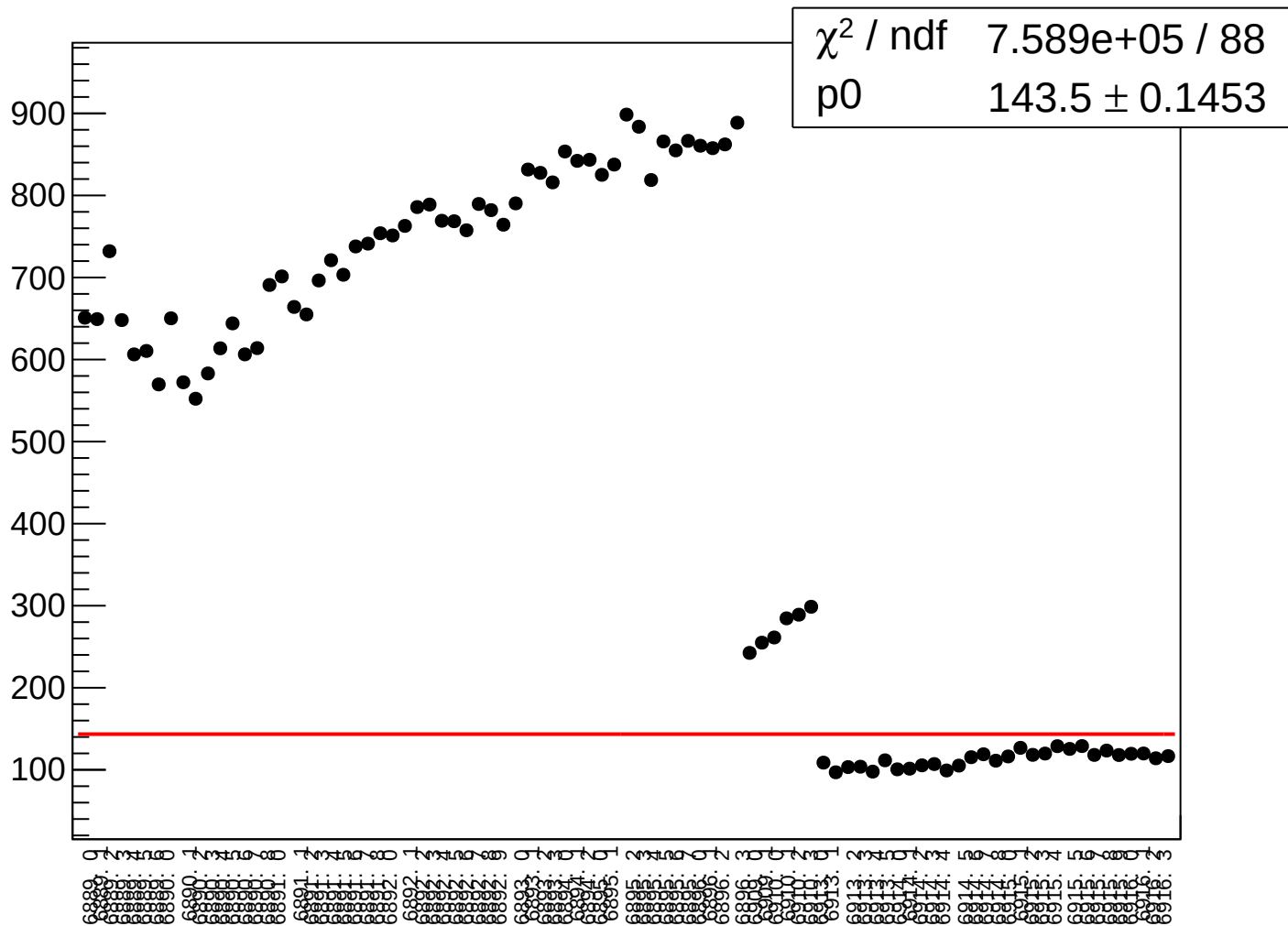
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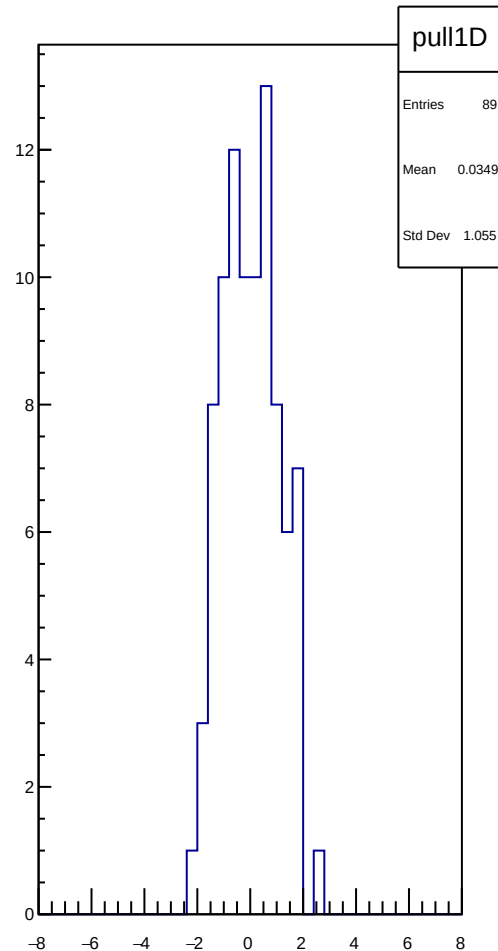
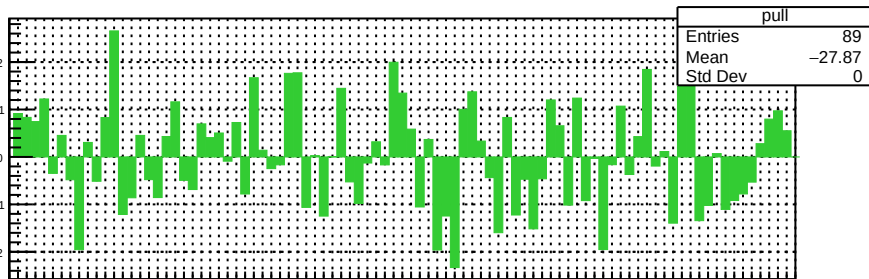
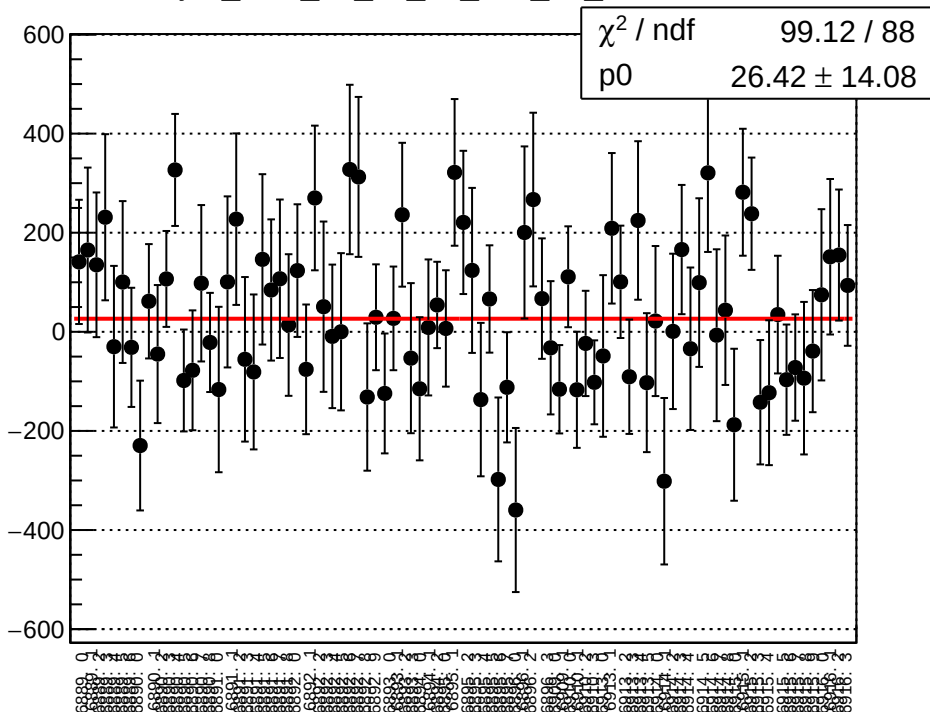
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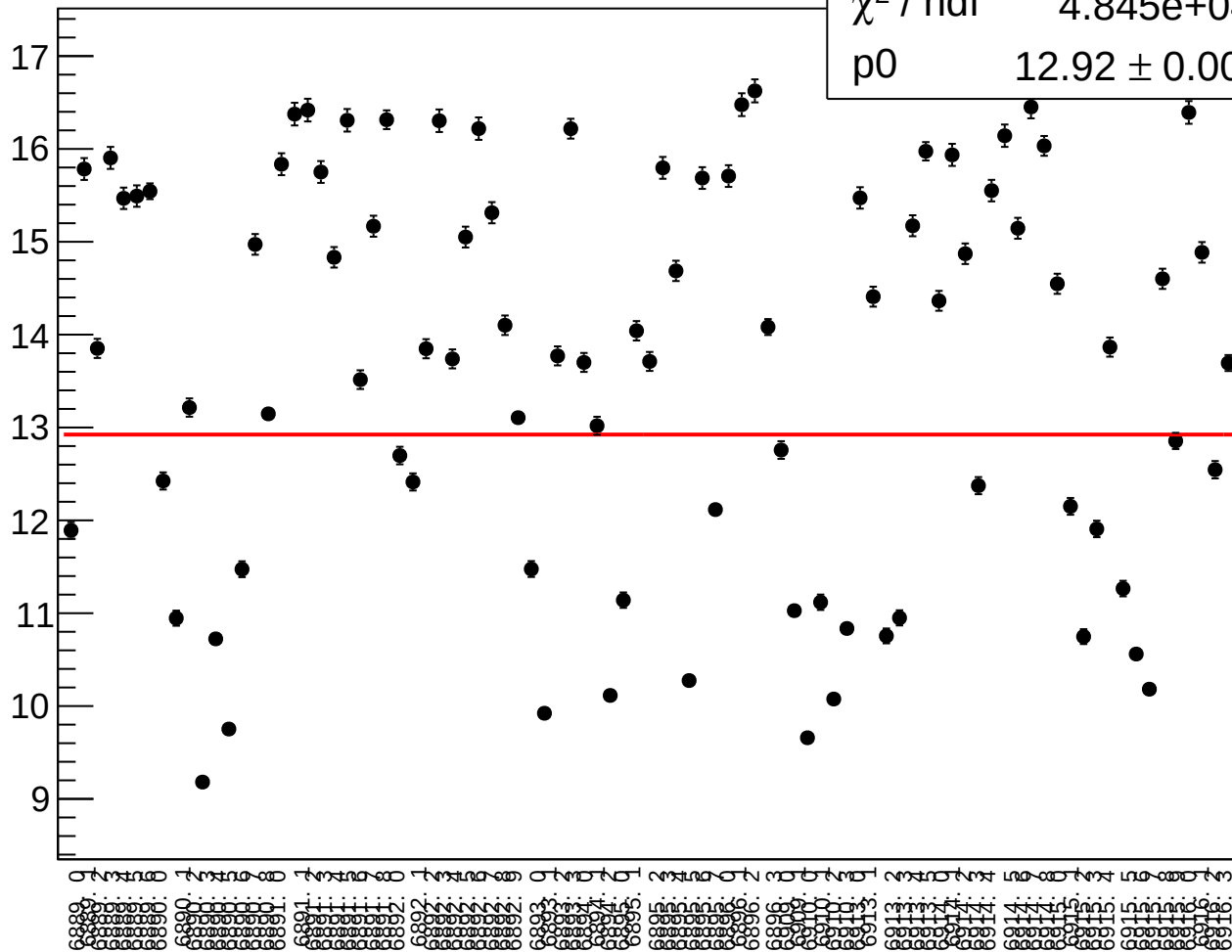
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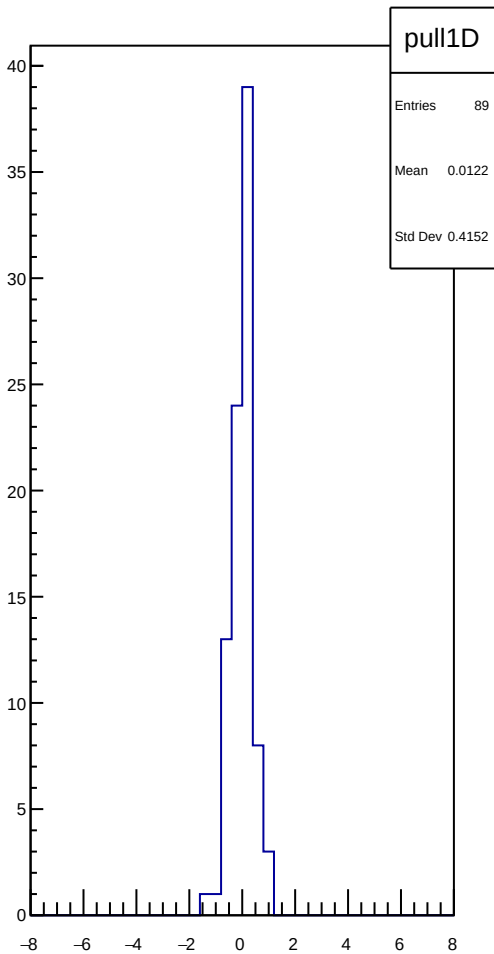
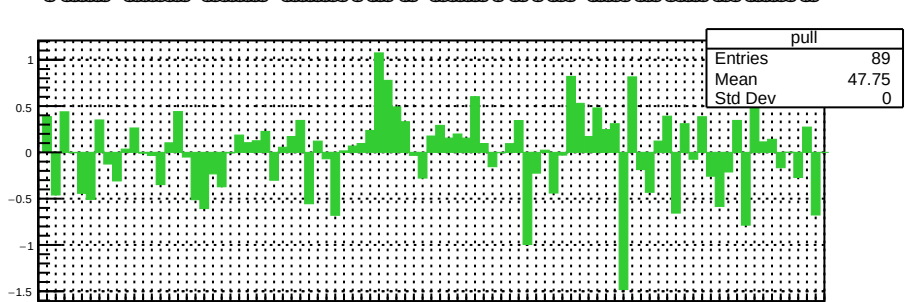
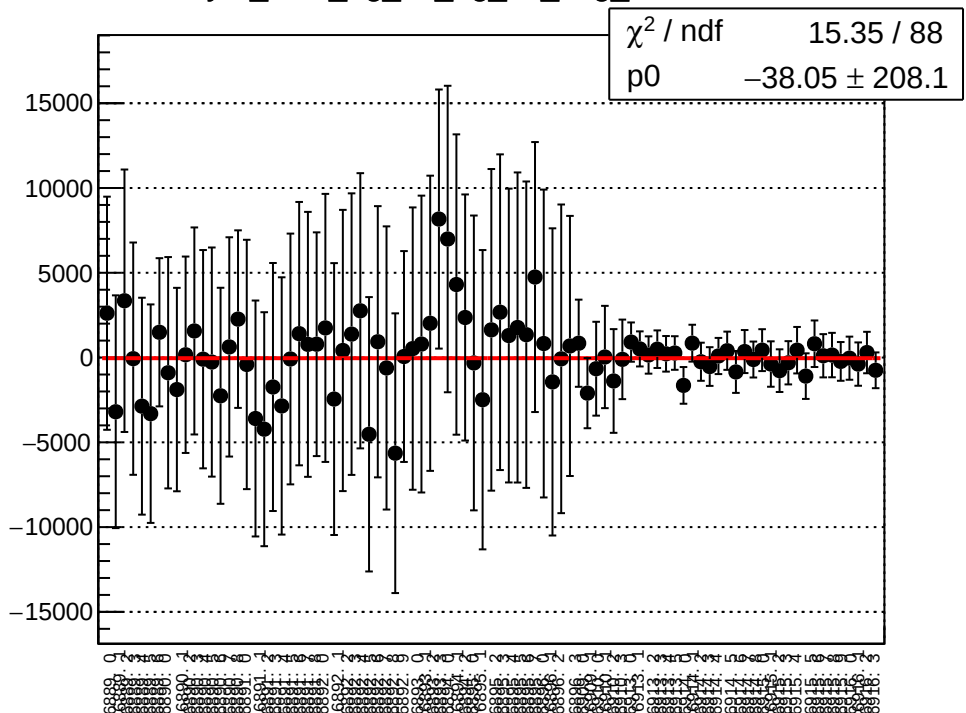
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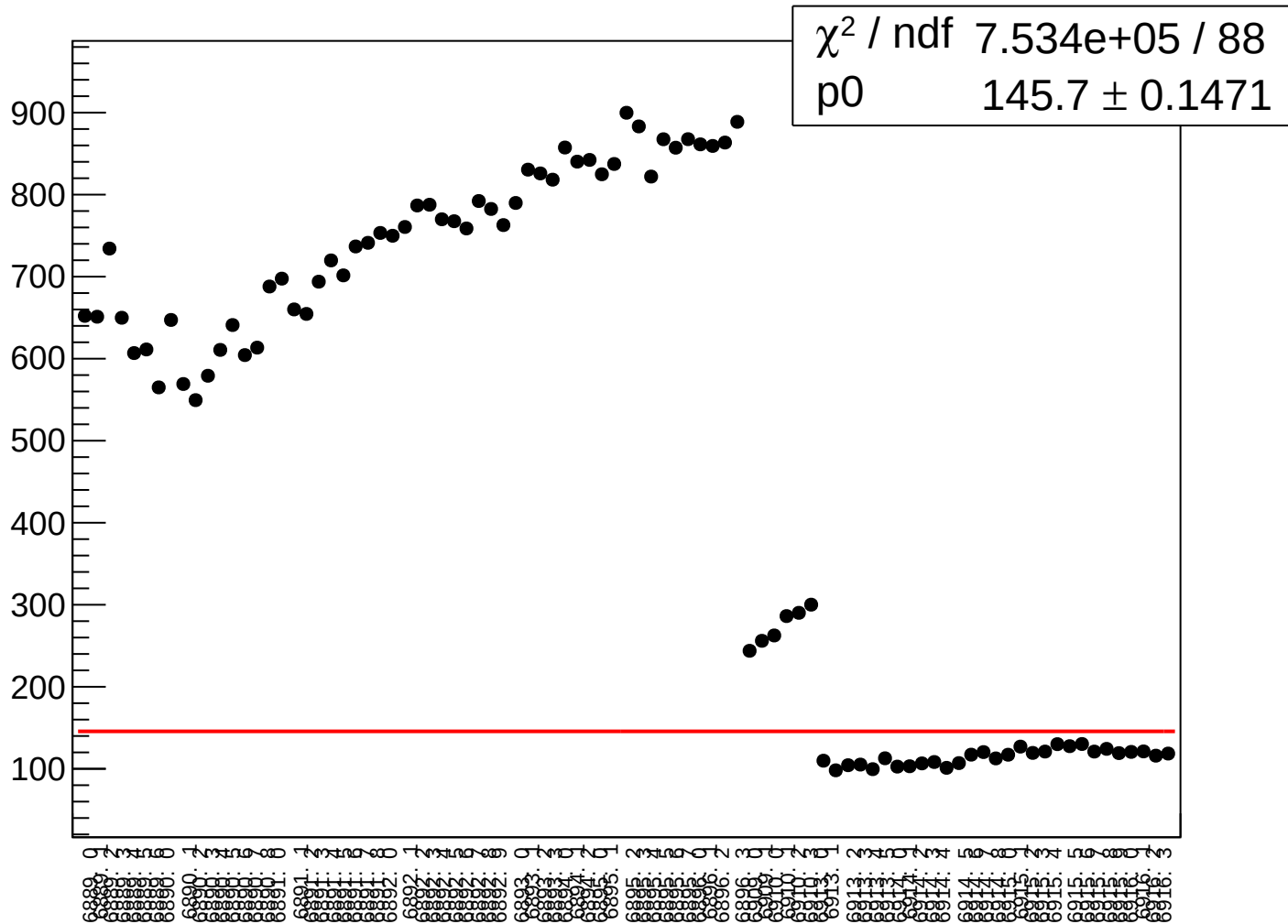
χ^2 / ndf	4.845e+04 / 88
p0	12.92 ± 0.009956



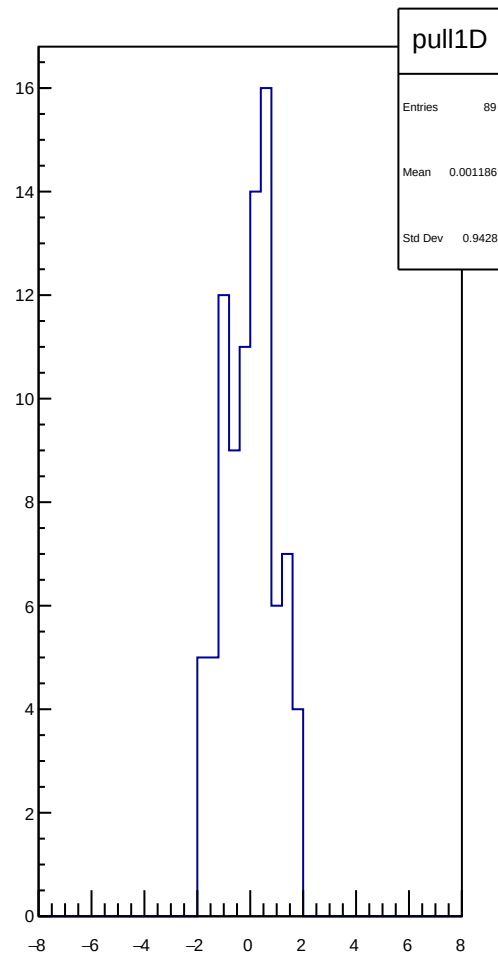
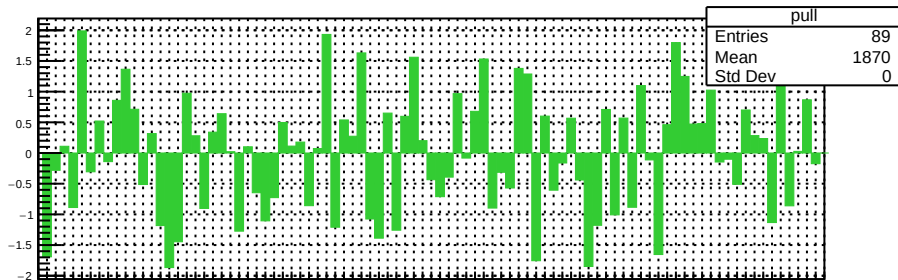
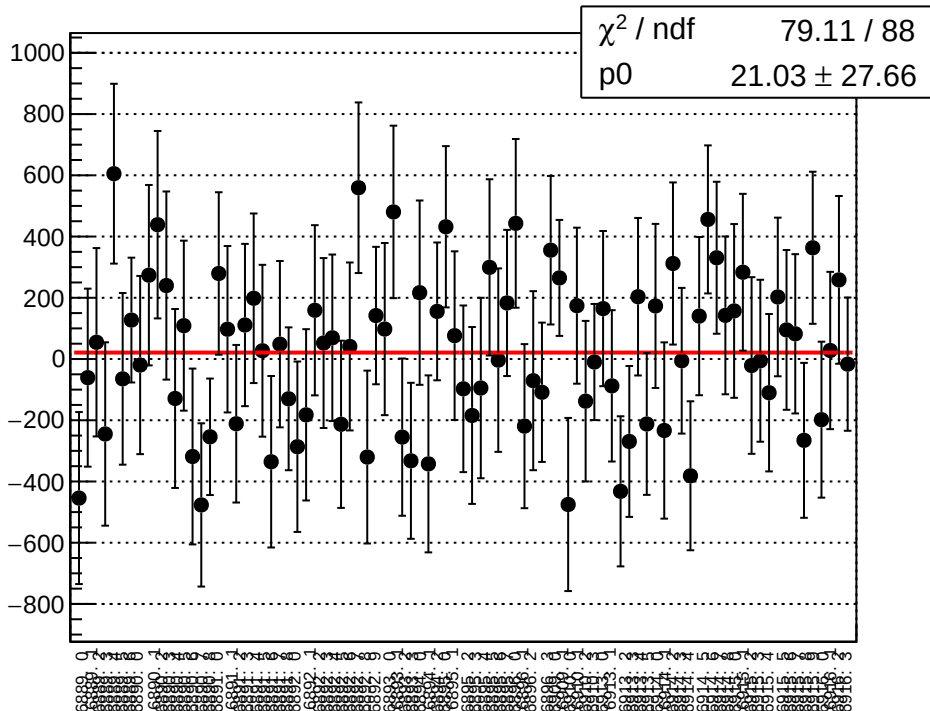
asym_bcm_dg_us_dg_ds_avg_mean vs run



asym_bcm_dg_us_dg_ds_avg_rms vs run



asym_bcm_dg_us_dg_ds_dd_mean vs run



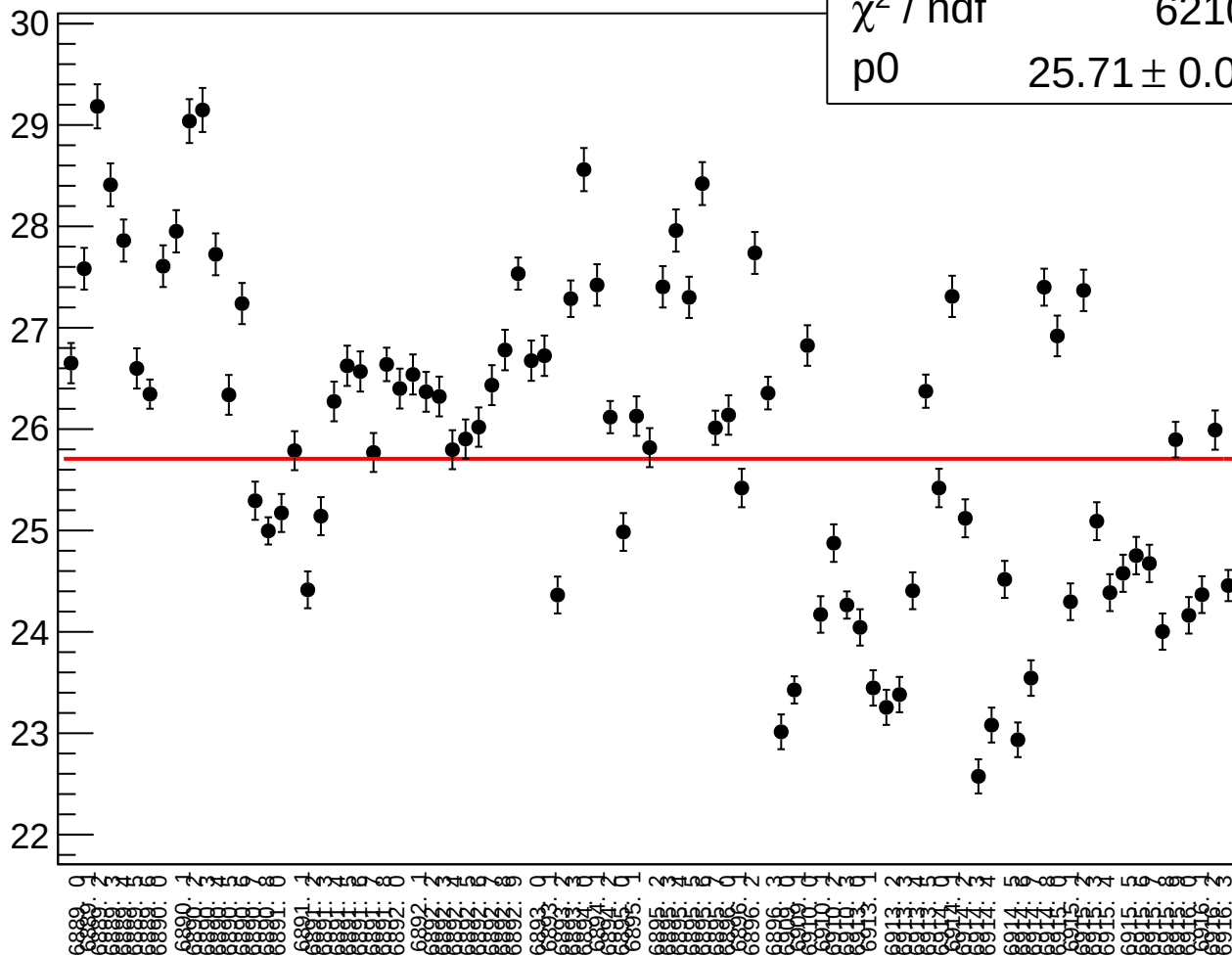
asym_bcm_dg_us_dg_ds_dd_rms vs run

χ^2 / ndf

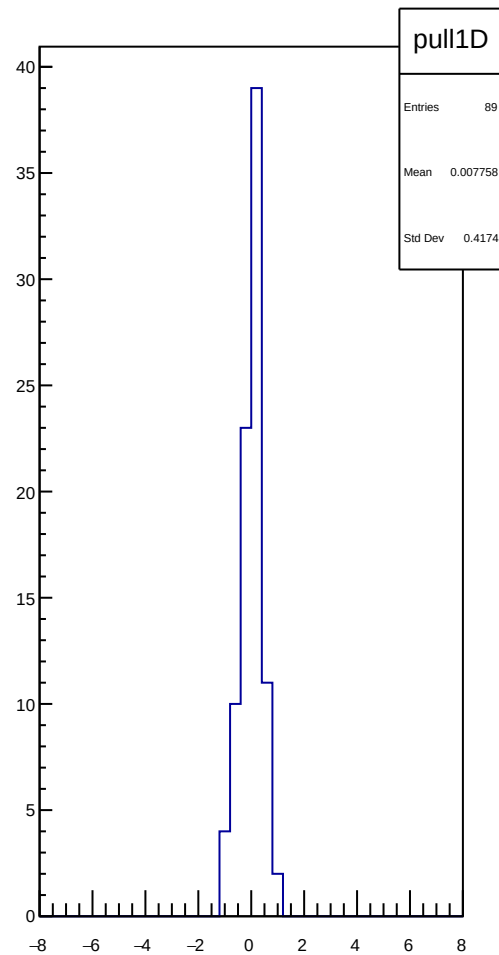
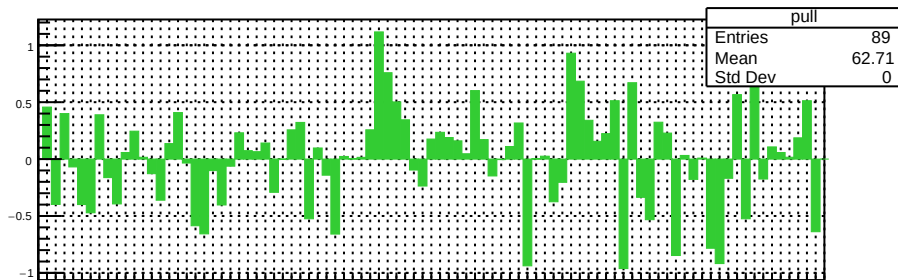
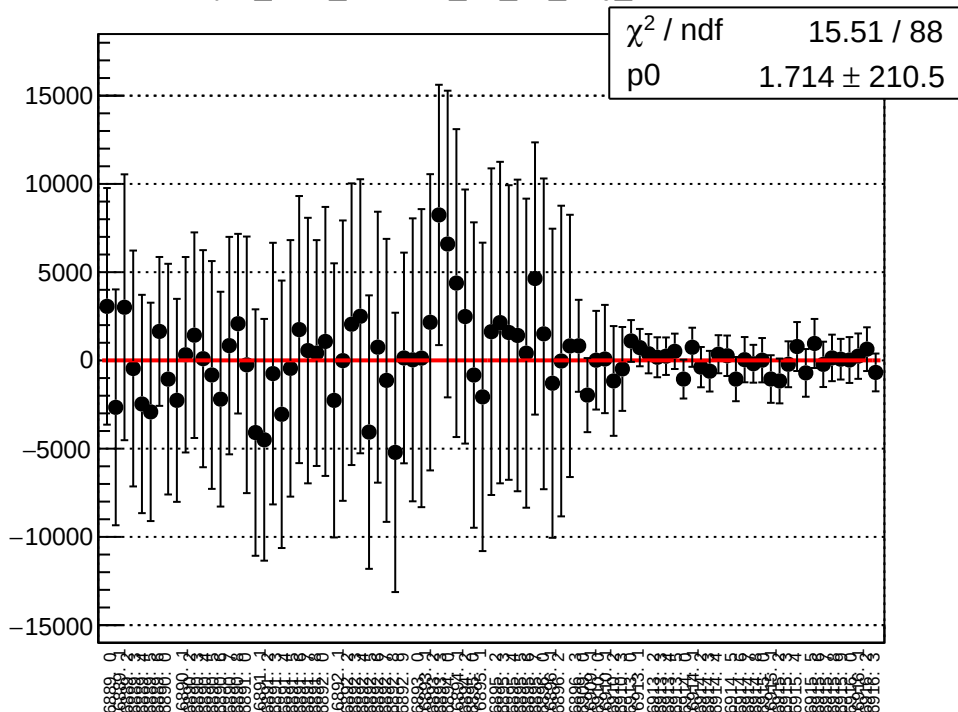
6210 / 88

p0

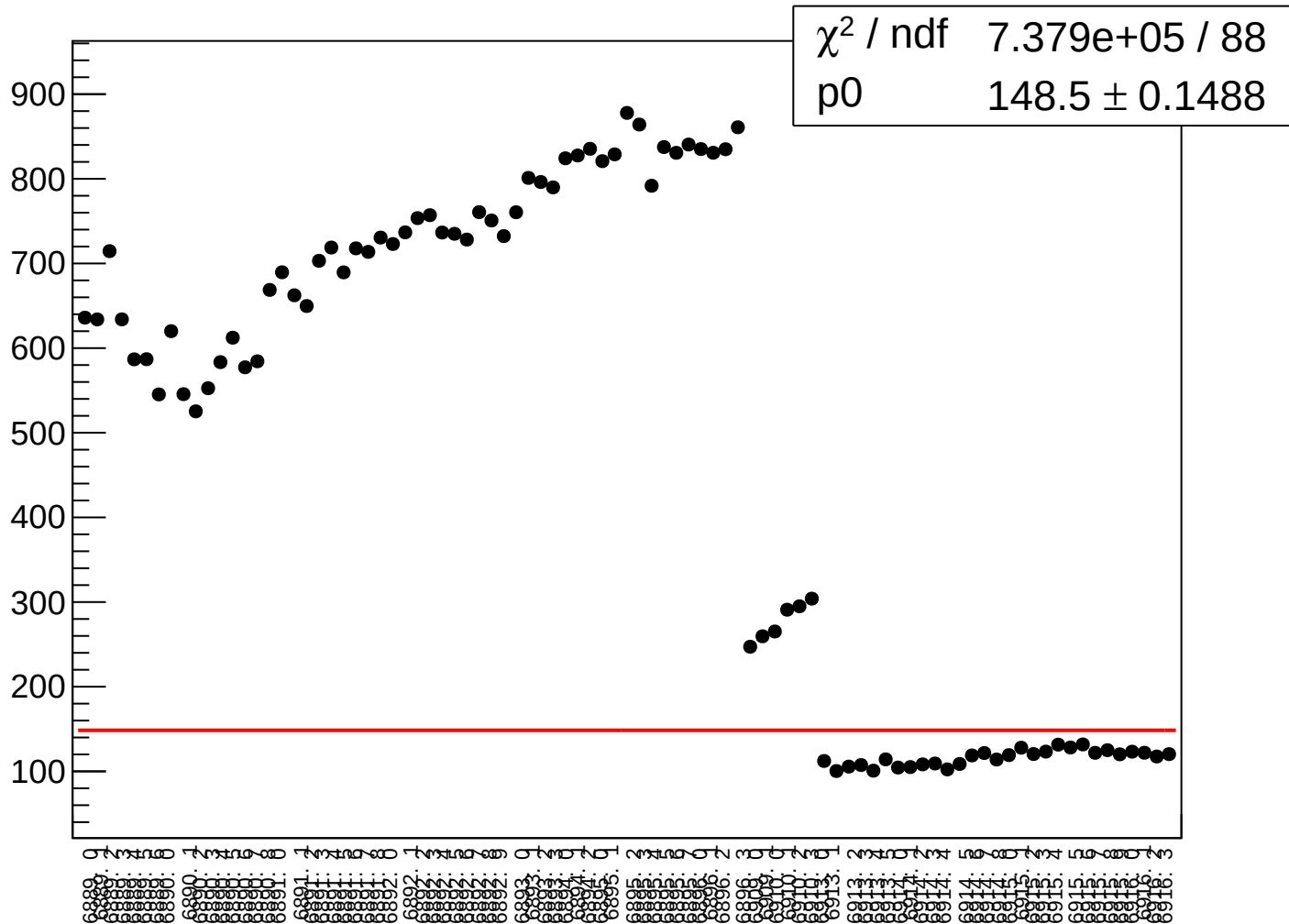
25.71 ± 0.01956



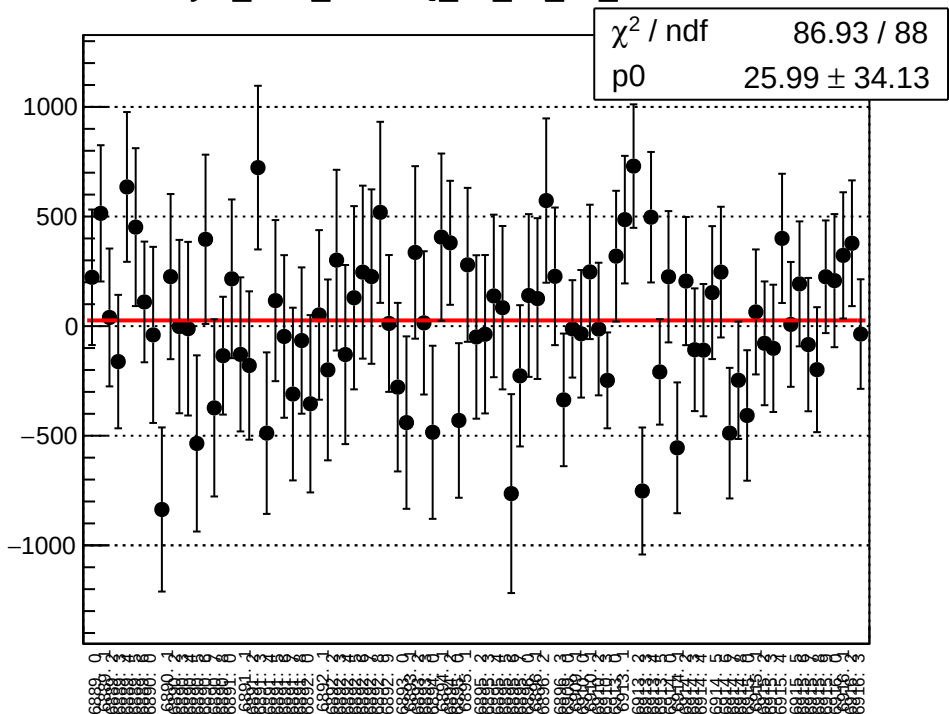
asym_bcm_cav4cQ_an_ds_avg_mean vs run



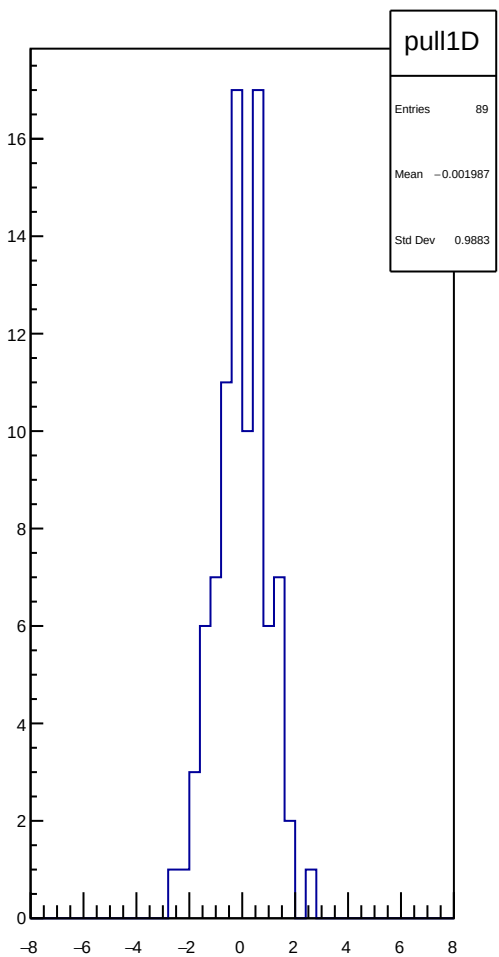
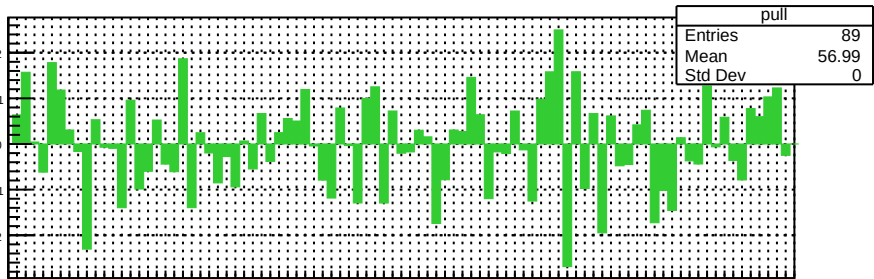
asym_bcm_cav4cQ_an_ds_avg_rms vs run



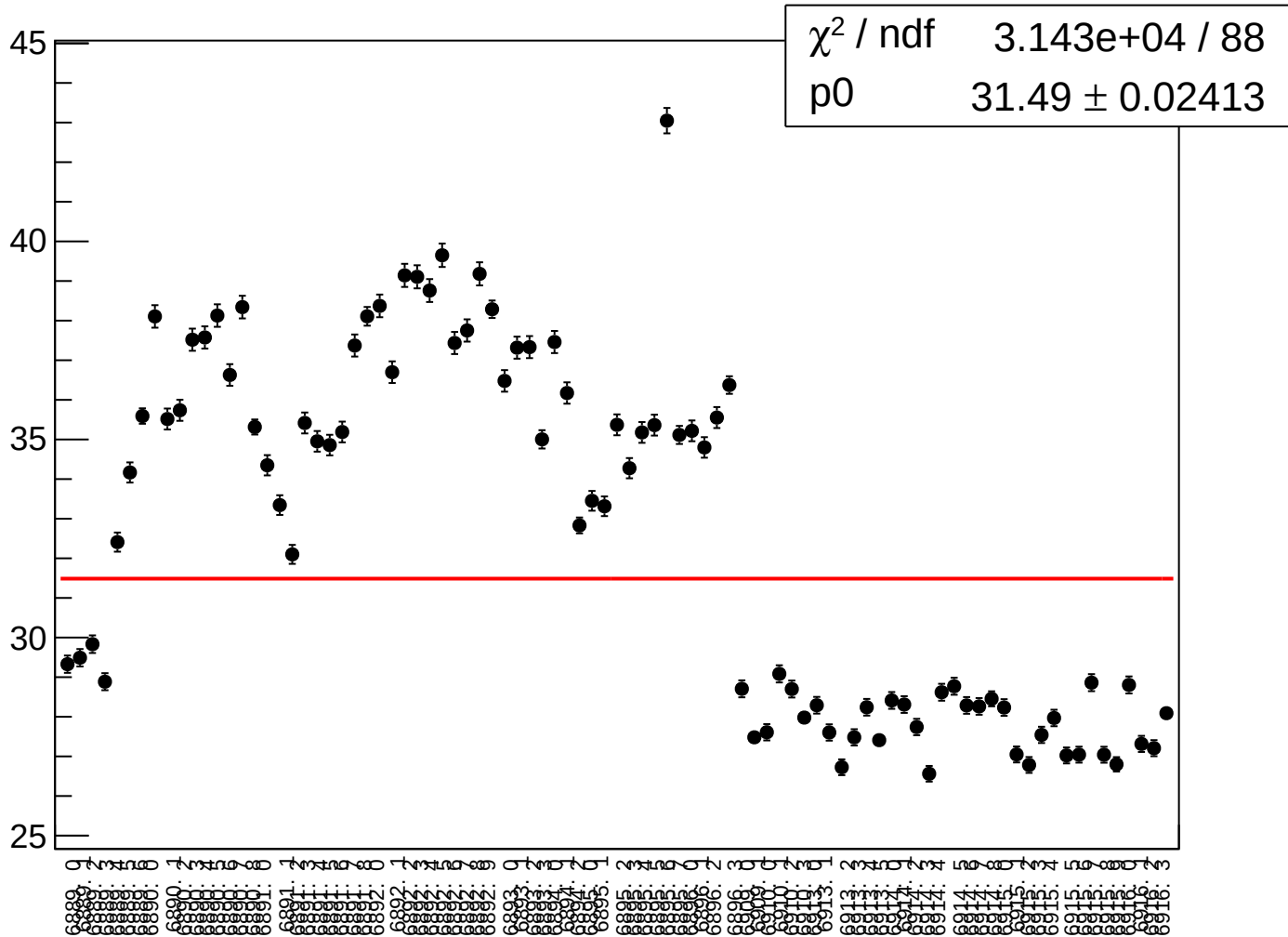
asym_bcm_cav4cQ_an_ds_dd_mean vs run



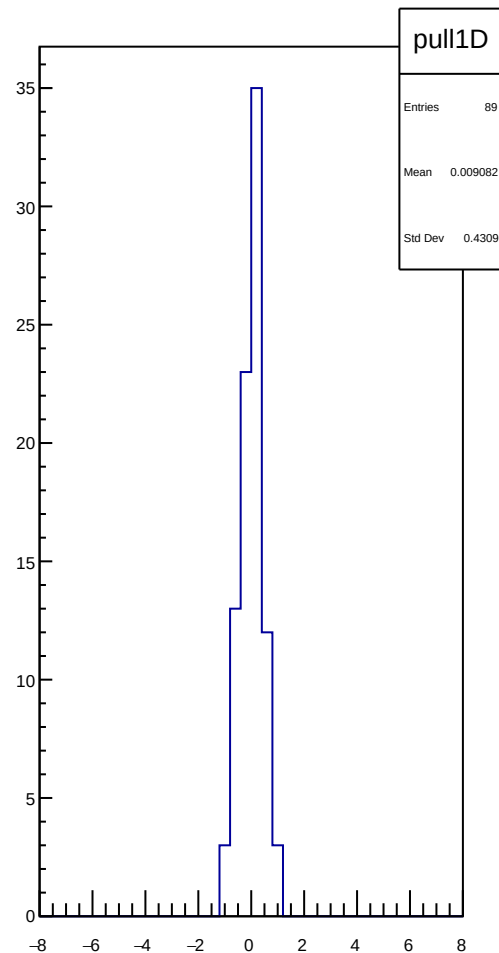
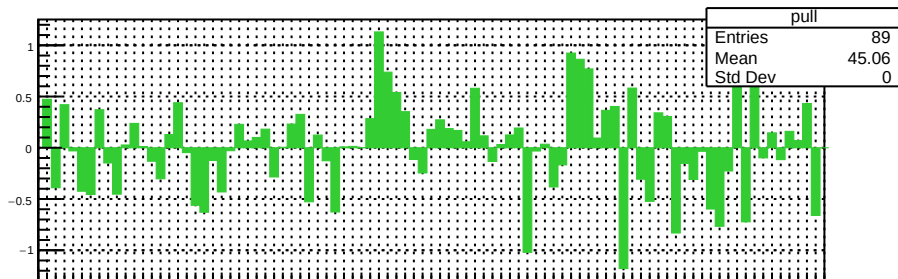
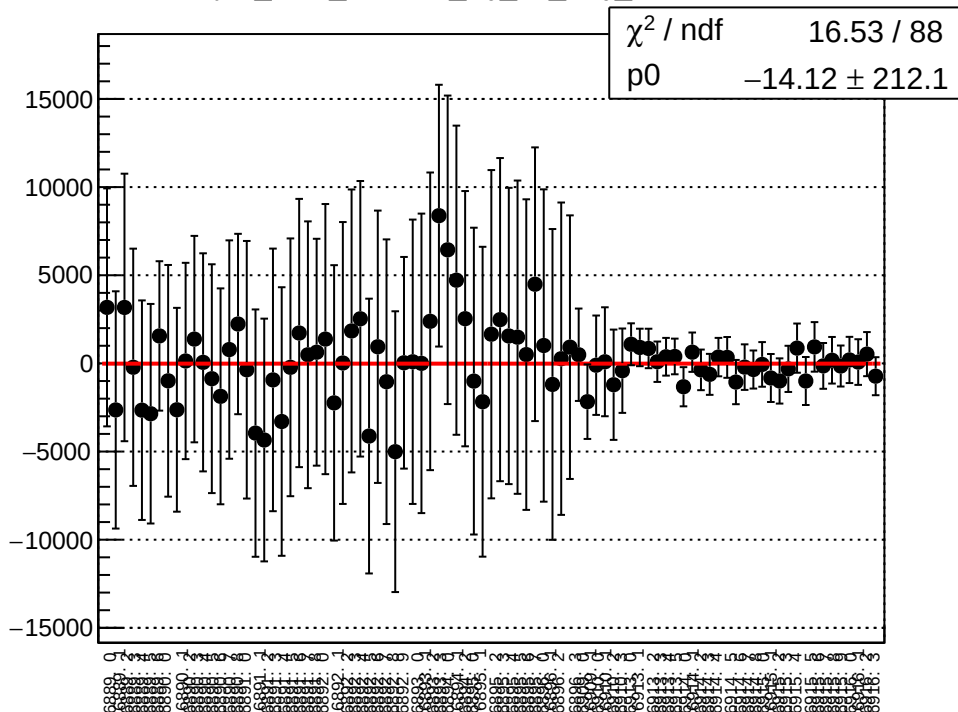
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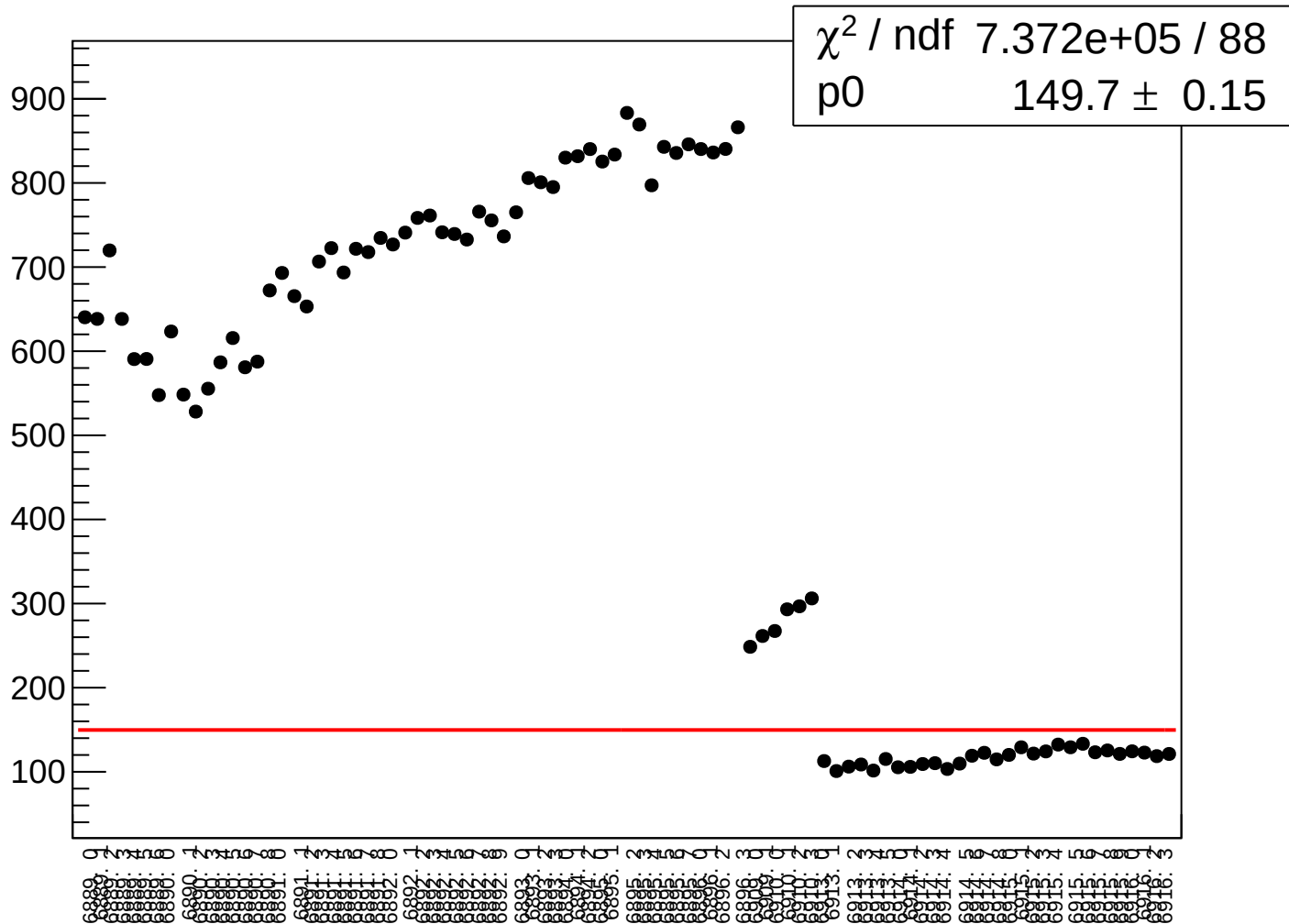
asym_bcm_cav4cQ_an_ds_dd_rms vs run



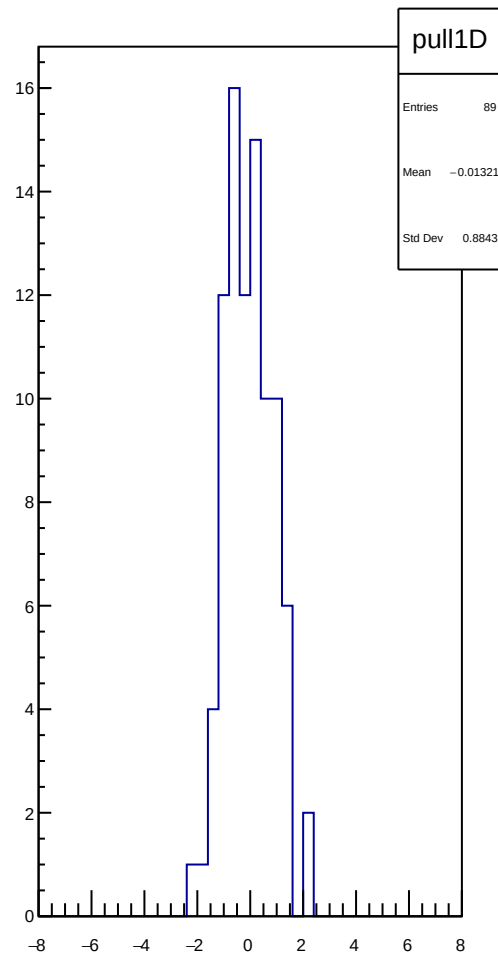
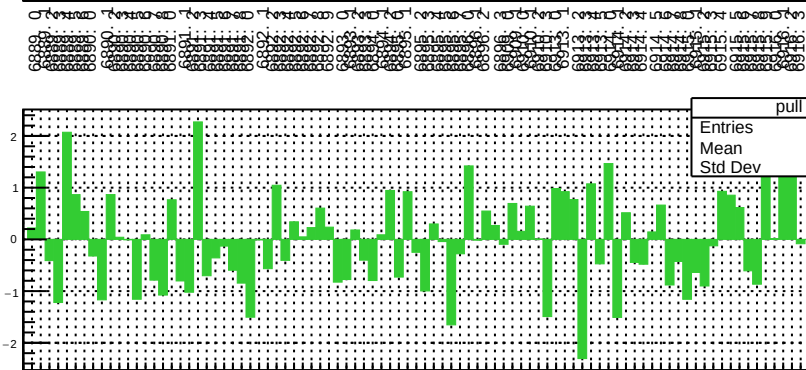
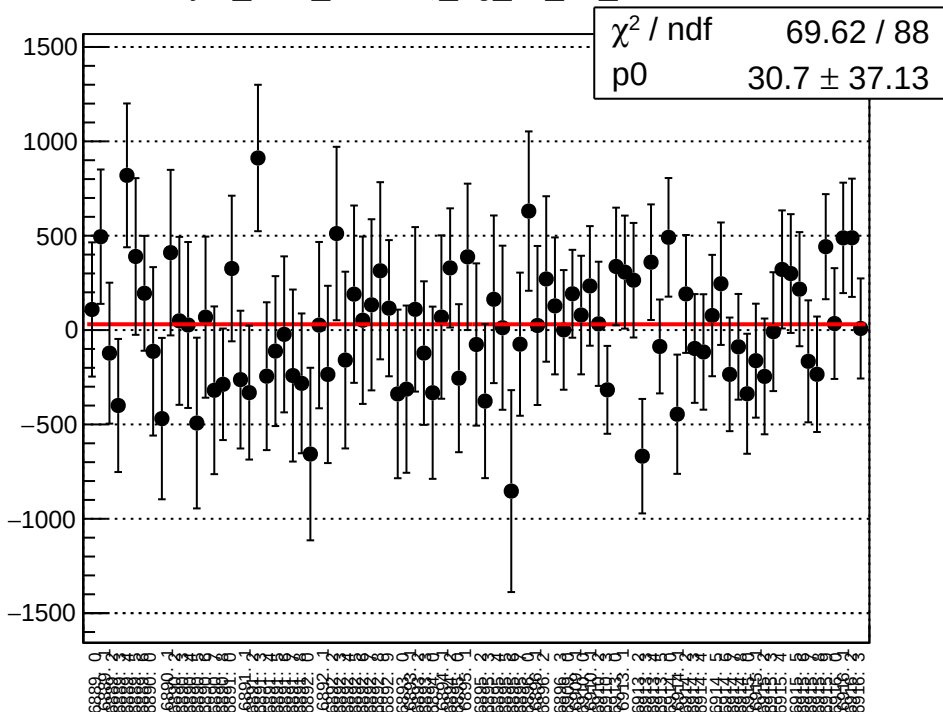
asym_bcm_cav4cQ_dg_ds_avg_mean vs run



asym_bcm_cav4cQ_dg_ds_avg_rms vs run

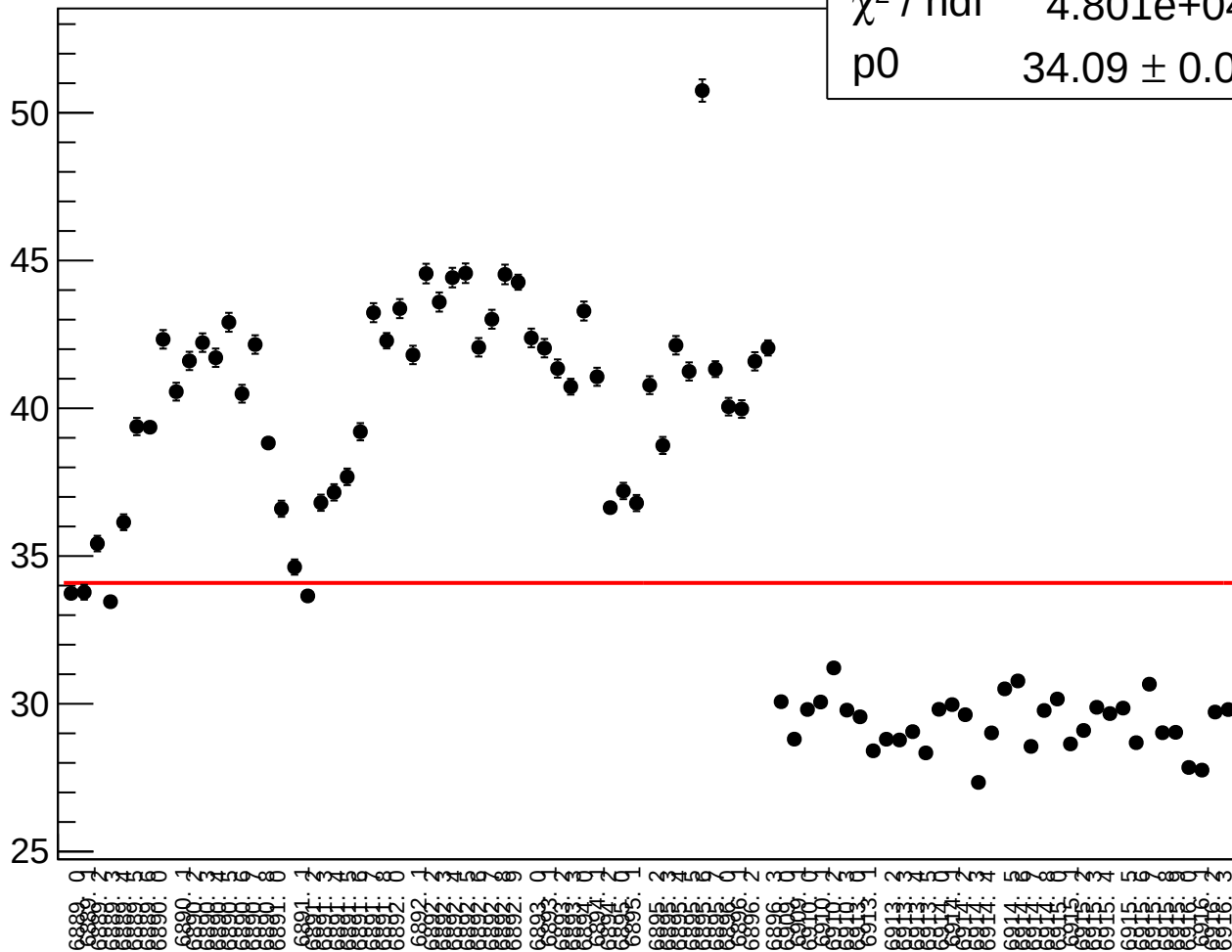


asym_bcm_cav4cQ_dg_ds_dd_mean vs run

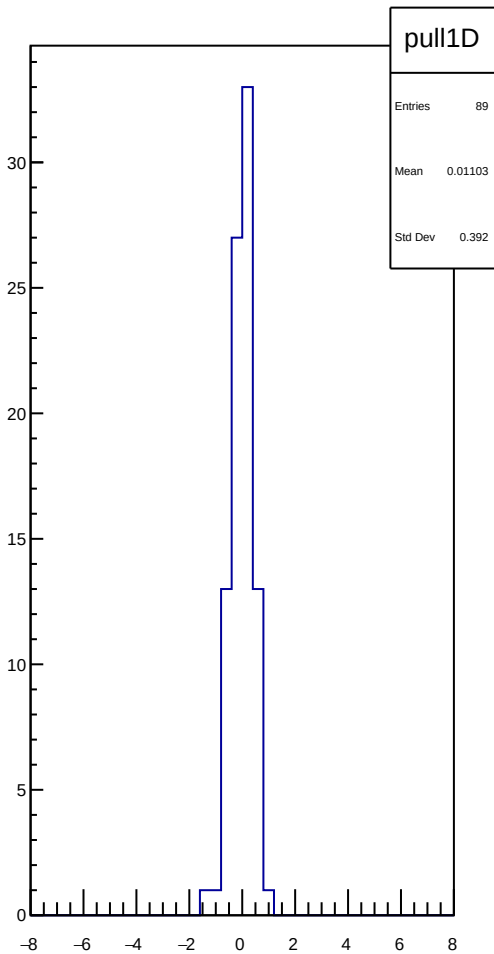
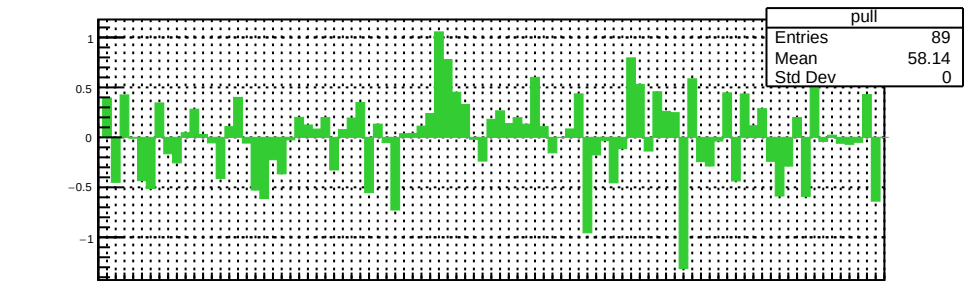
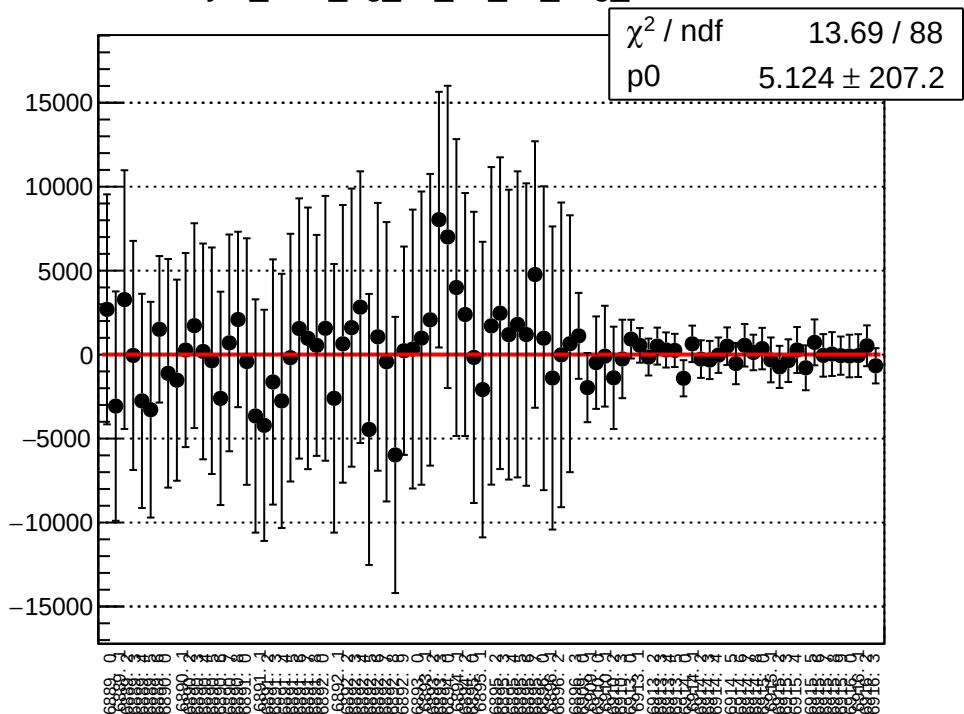


asym_bcm_cav4cQ_dg_ds_dd_rms vs run

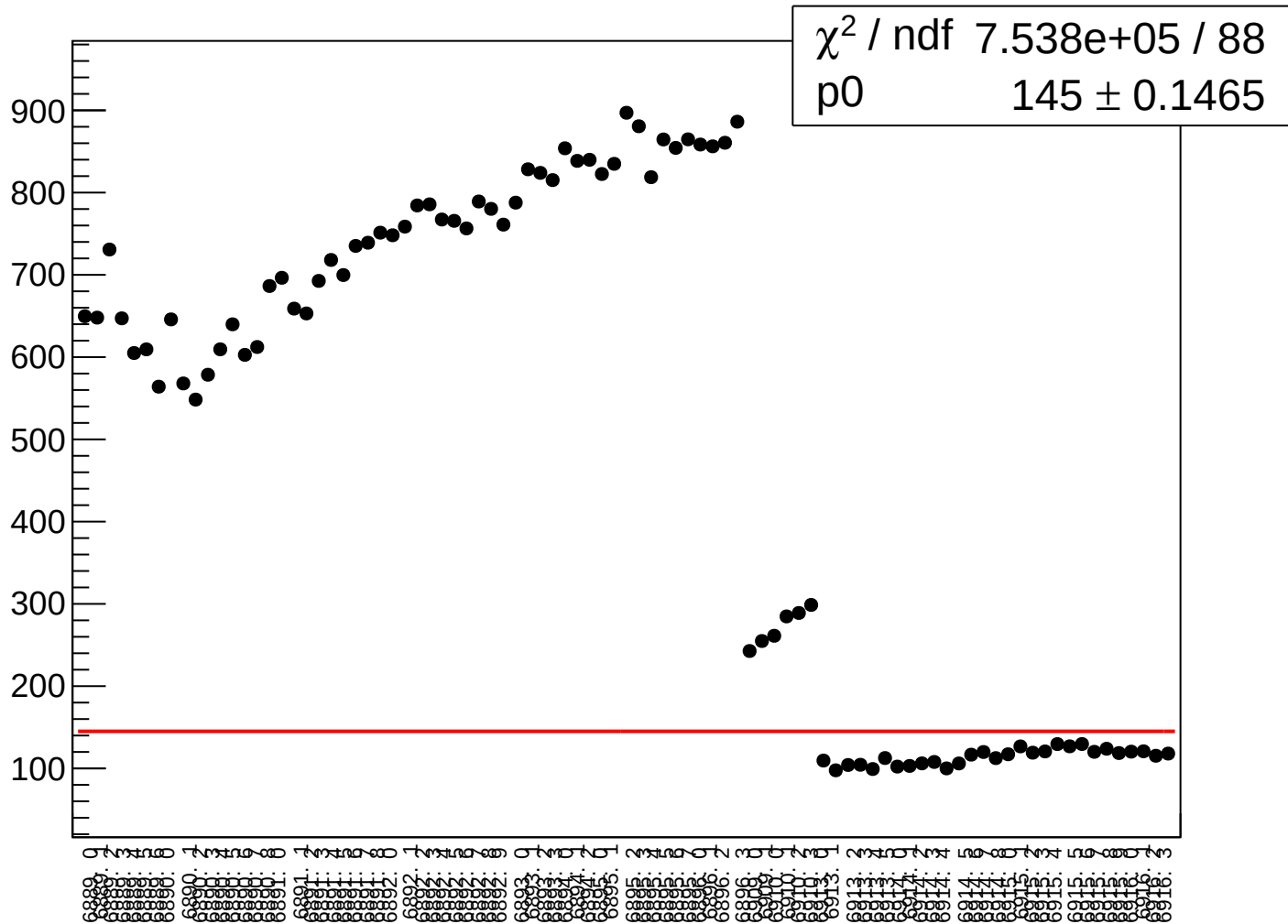
χ^2 / ndf 4.801e+04 / 88
p0 34.09 $\pm$ 0.02626



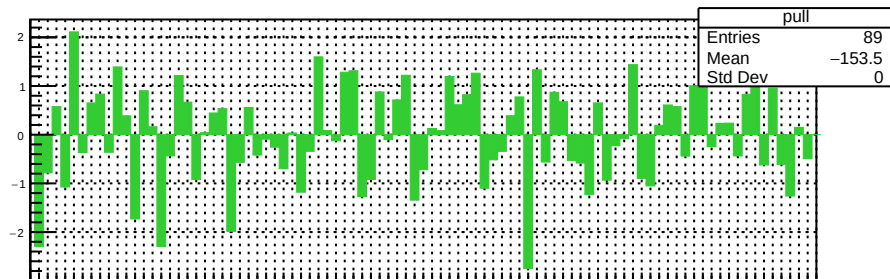
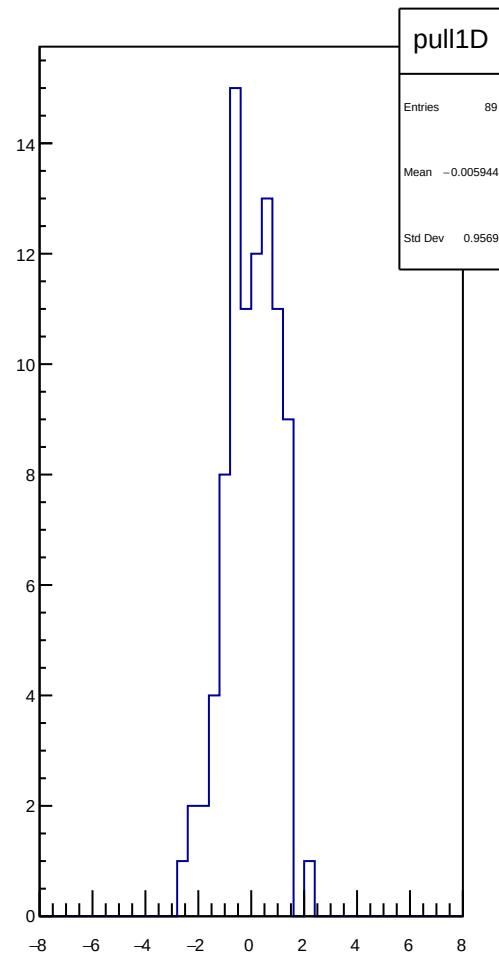
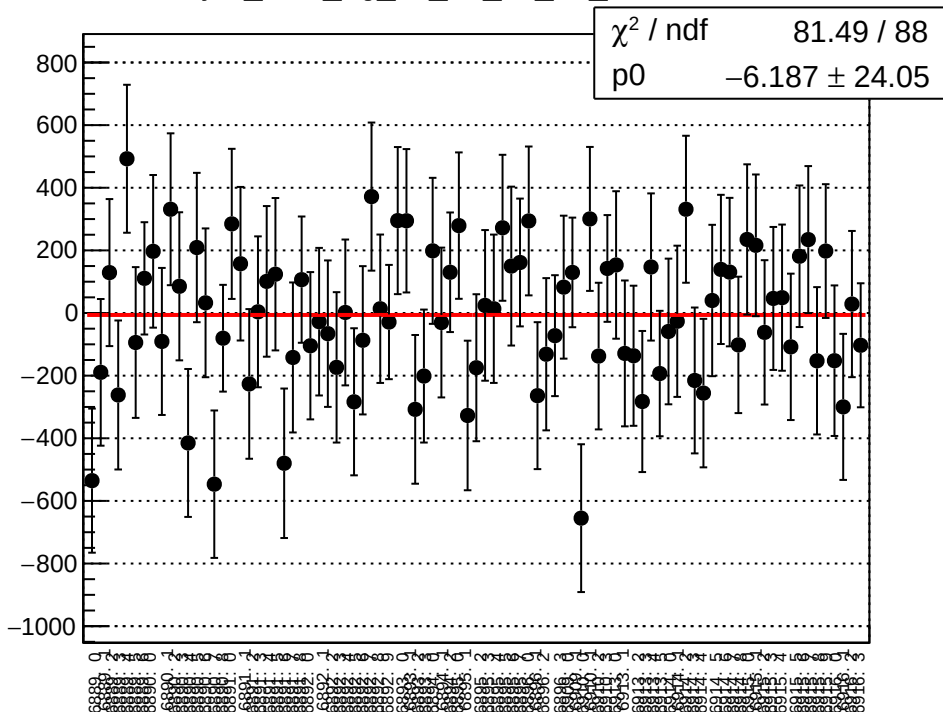
asym_bcm_dg_us_an_us_avg_mean vs run



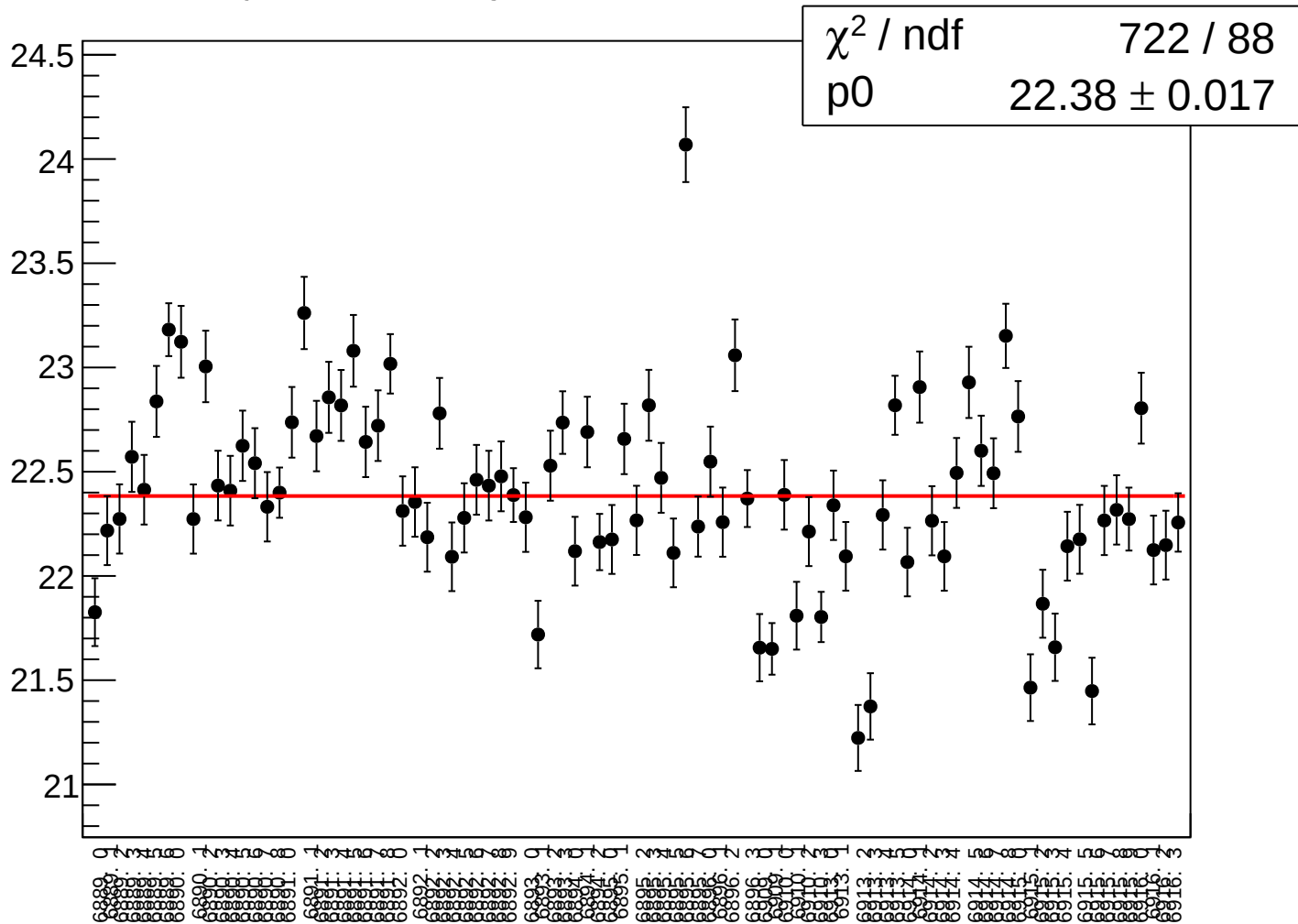
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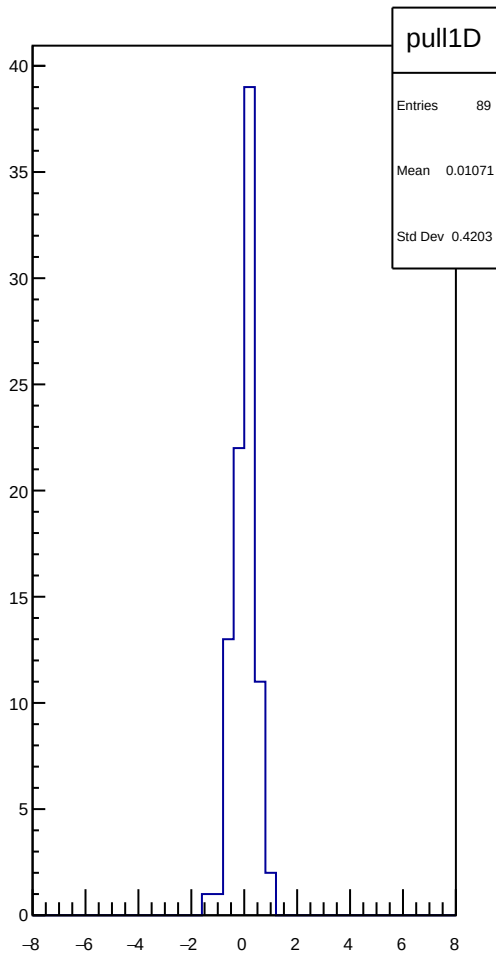
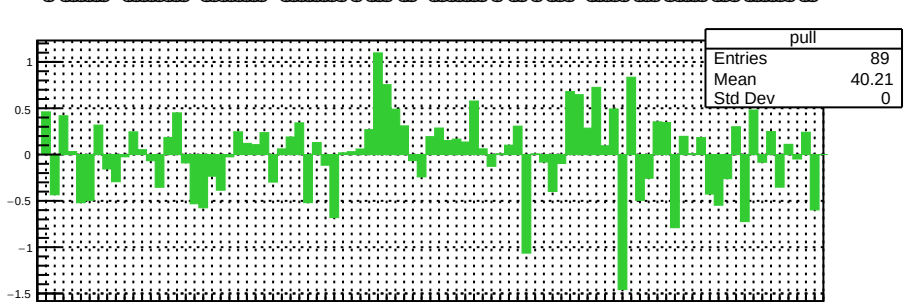
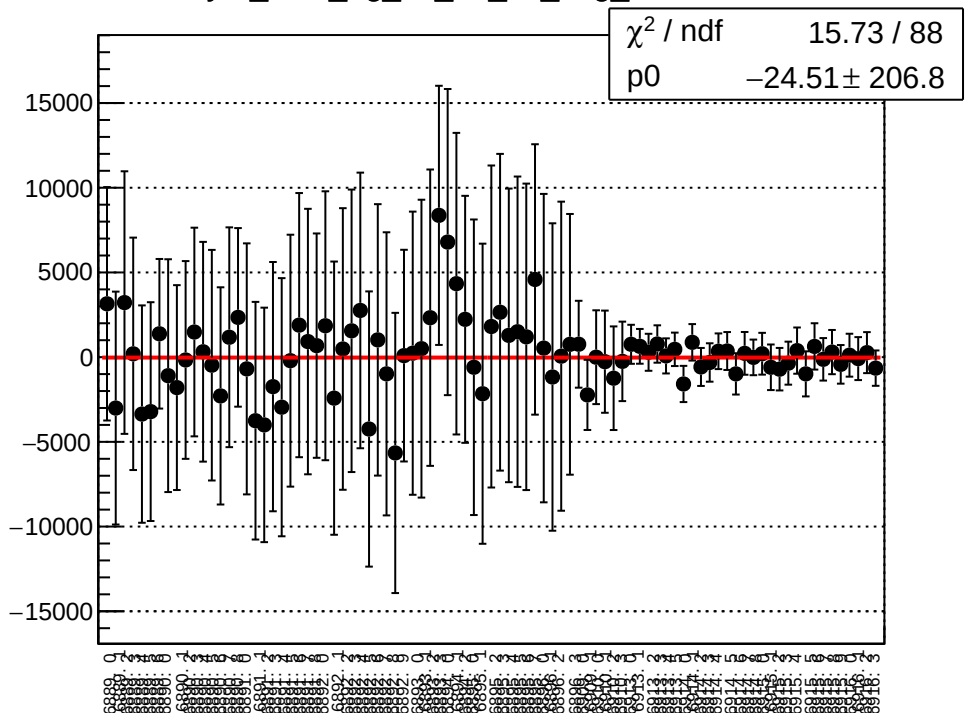
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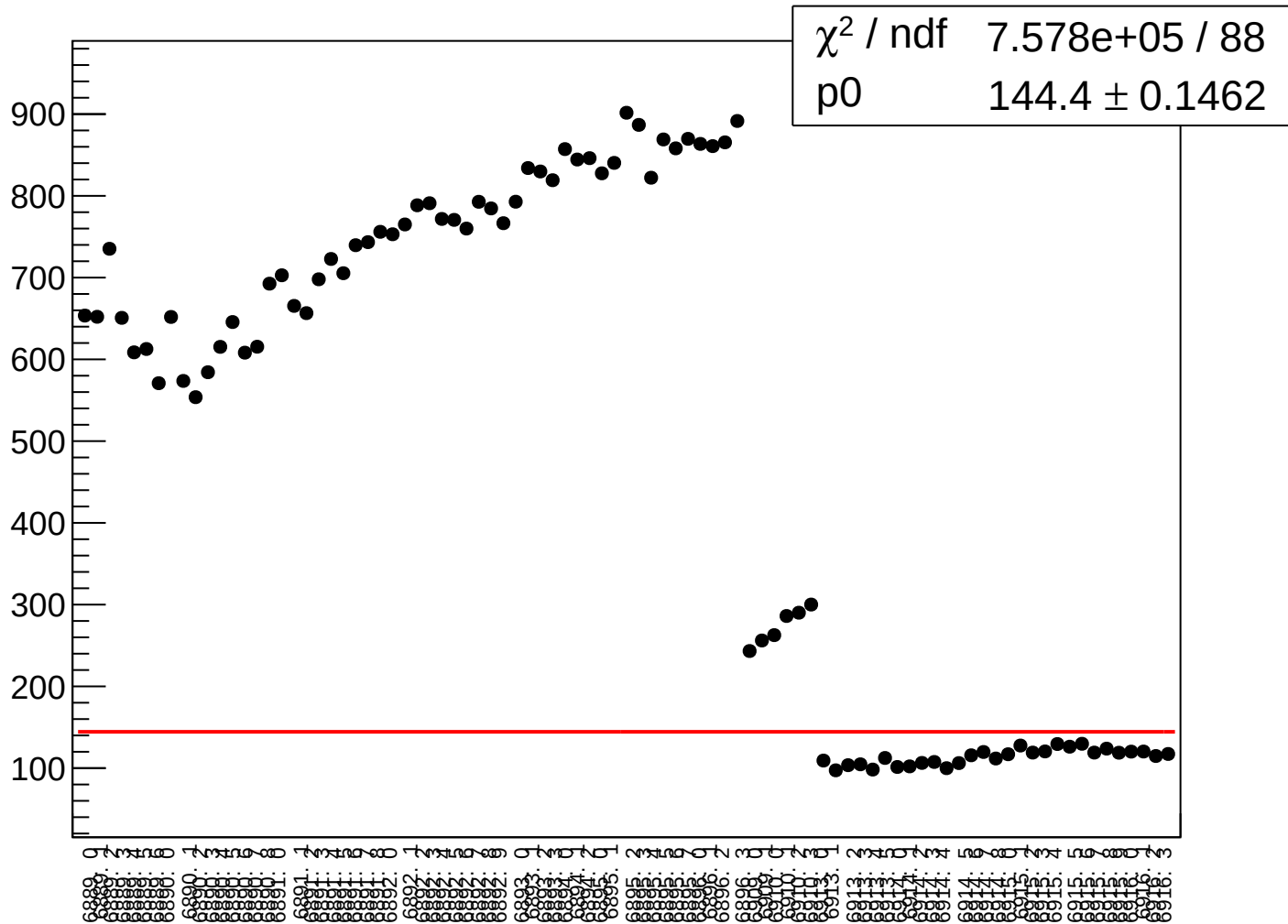
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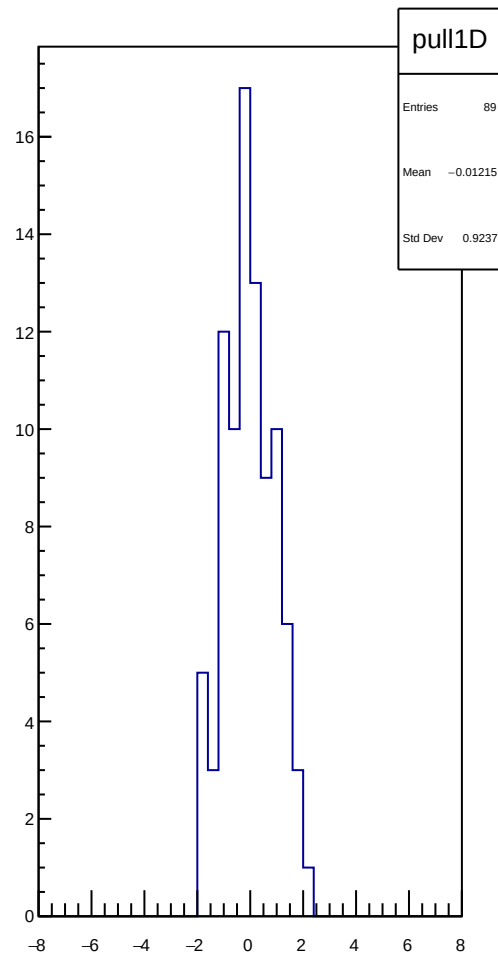
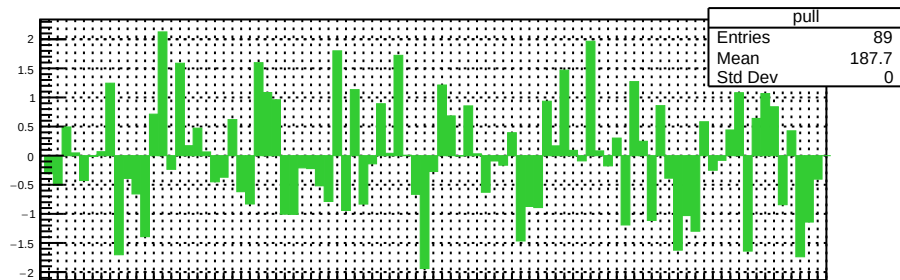
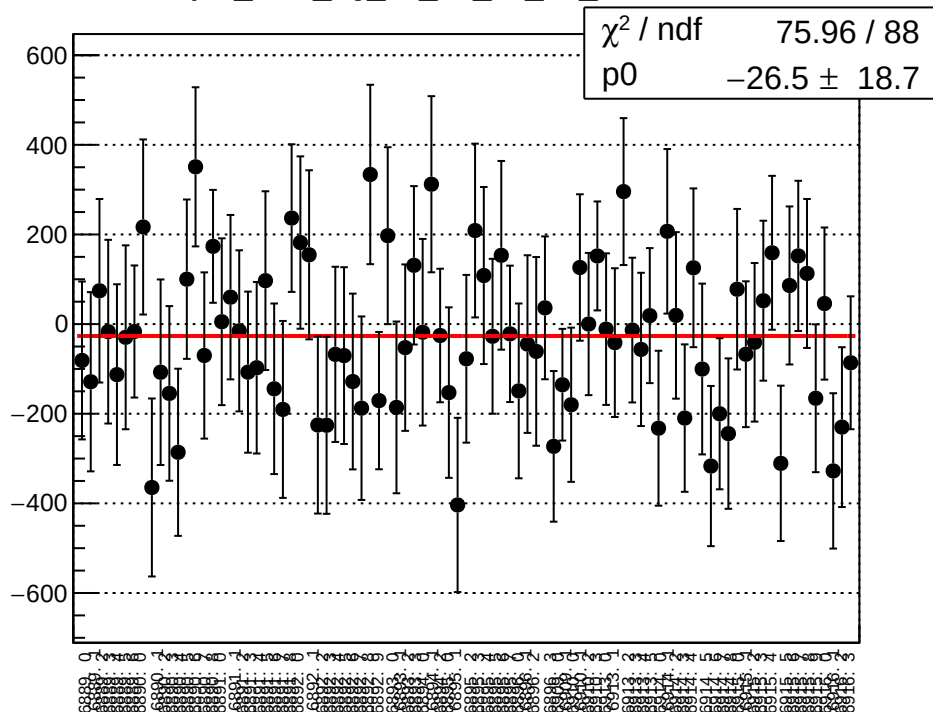
asym_bcm_dg_ds_an_us_avg_mean vs run



asym_bcm_dg_ds_an_us_avg_rms vs run



asym_bcm_dg_ds_an_us_dd_mean vs run



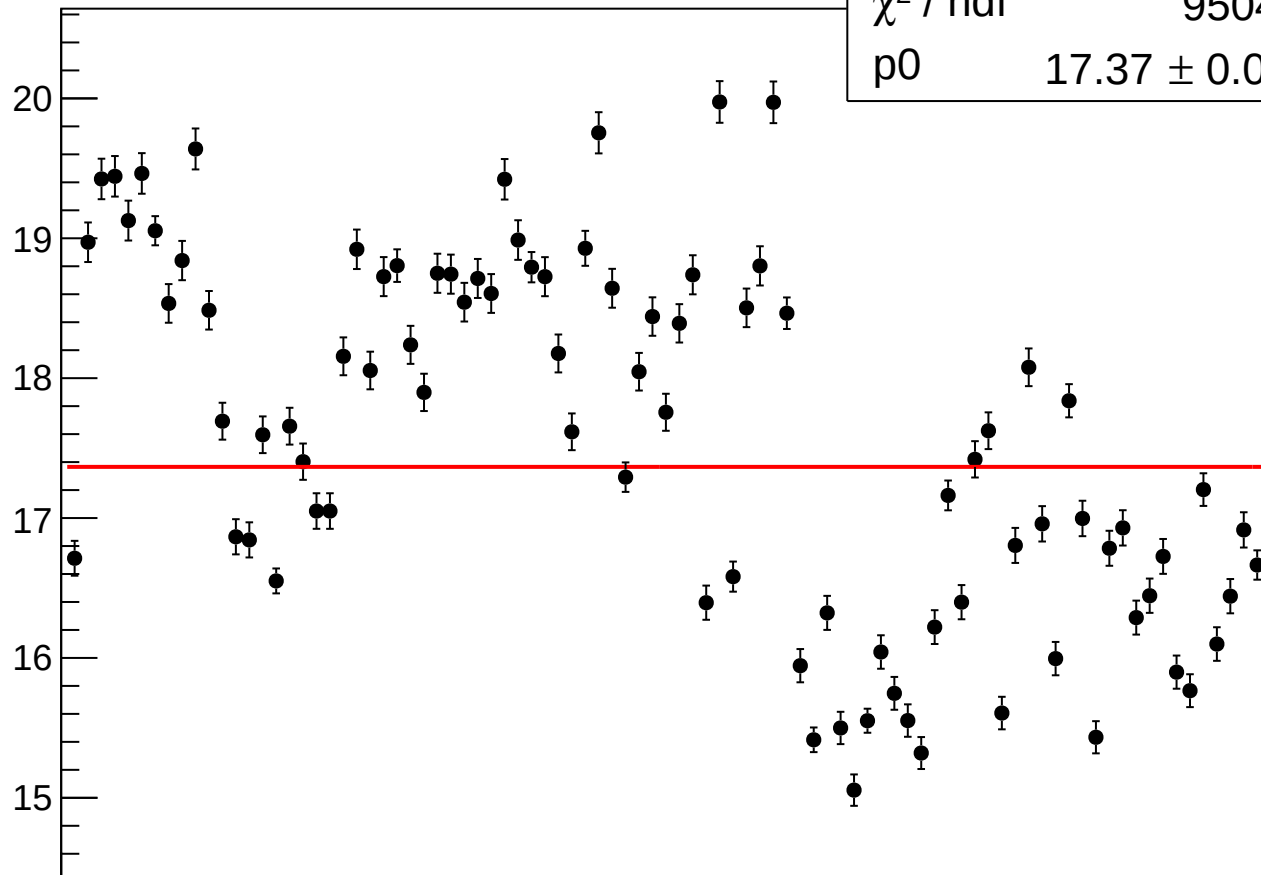
asym_bcm_dg_ds_an_us_dd_rms vs run

χ^2 / ndf

9504 / 88

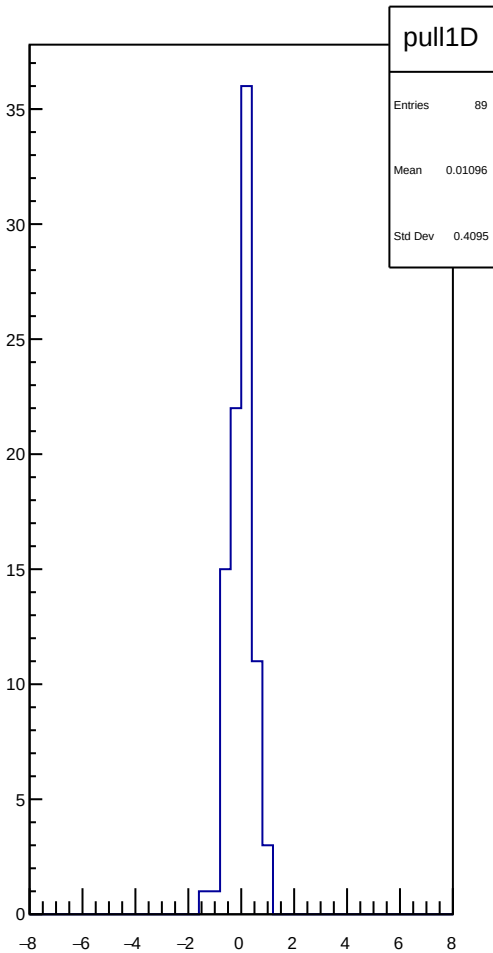
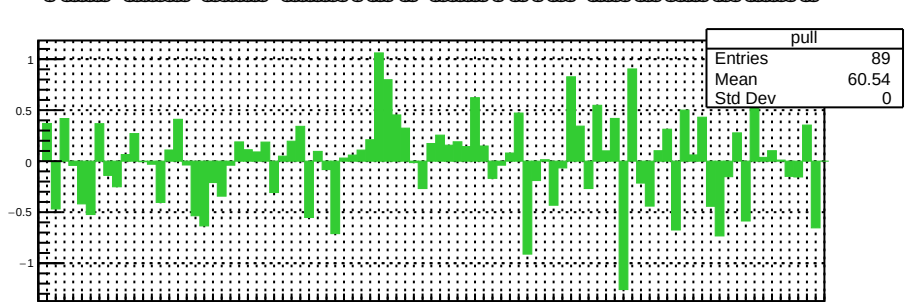
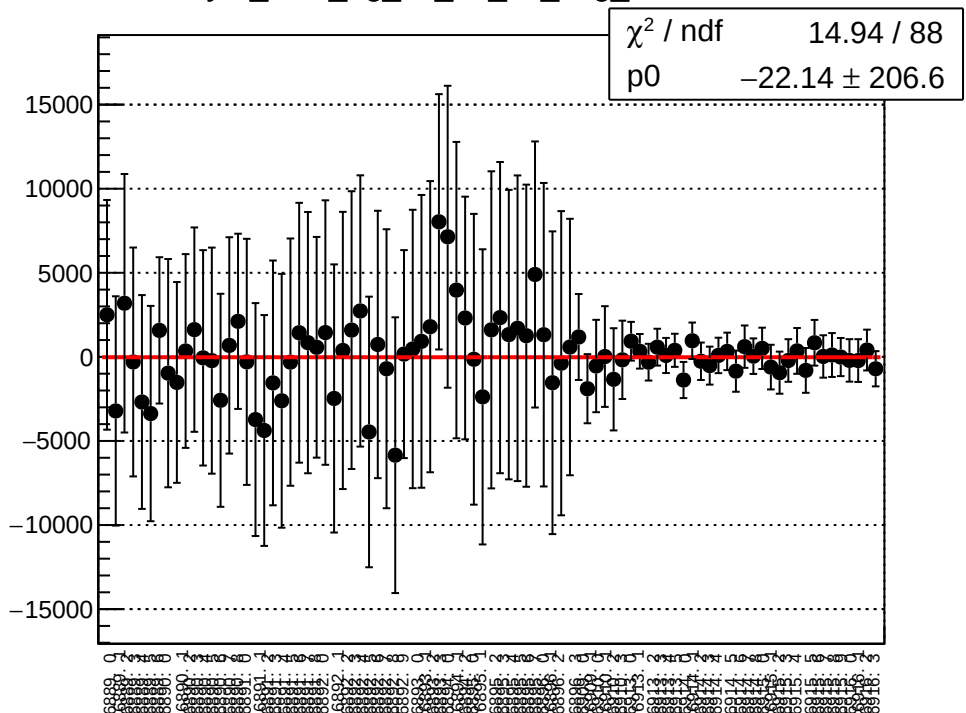
p0

17.37 ± 0.01323

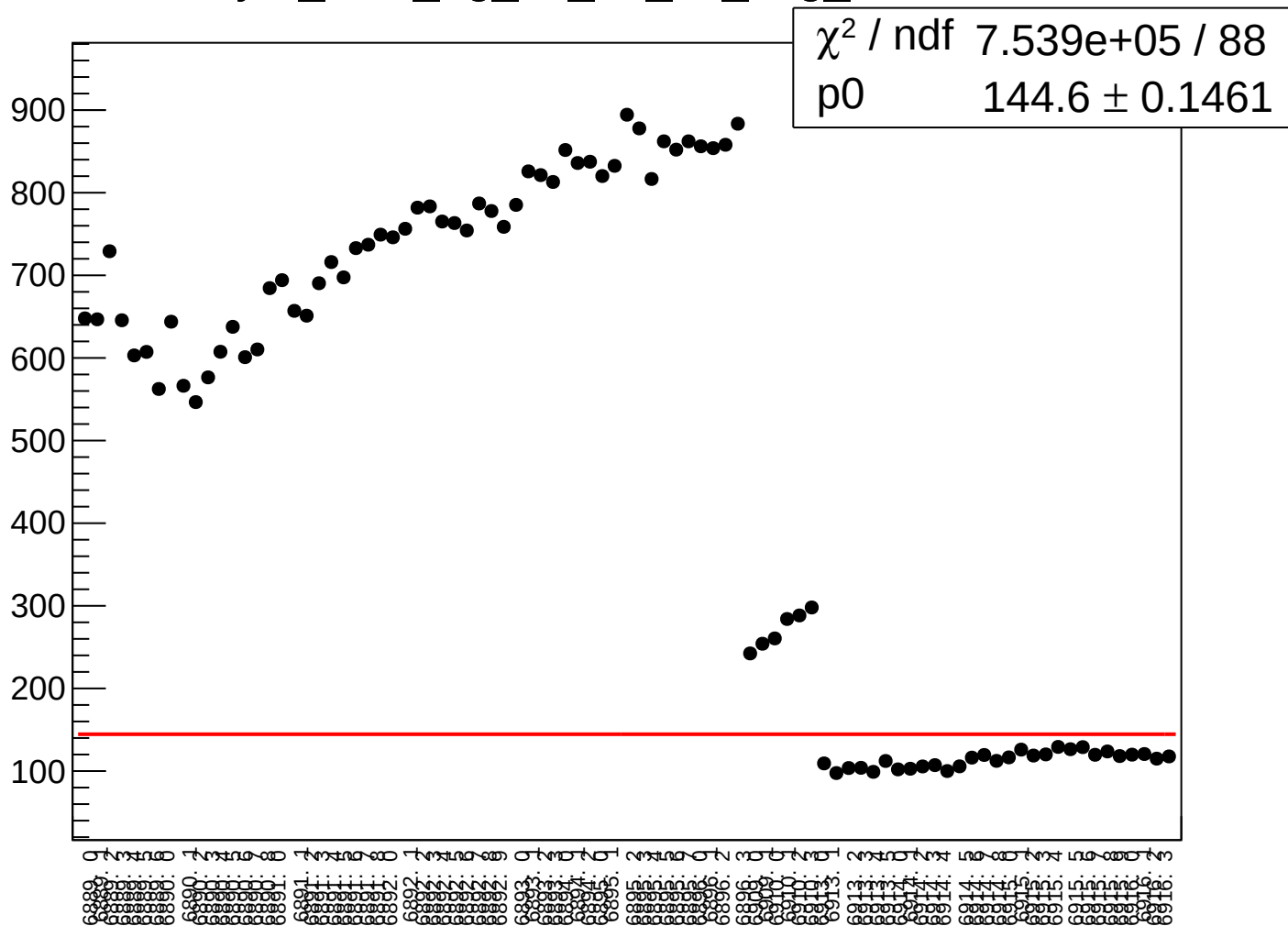


00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

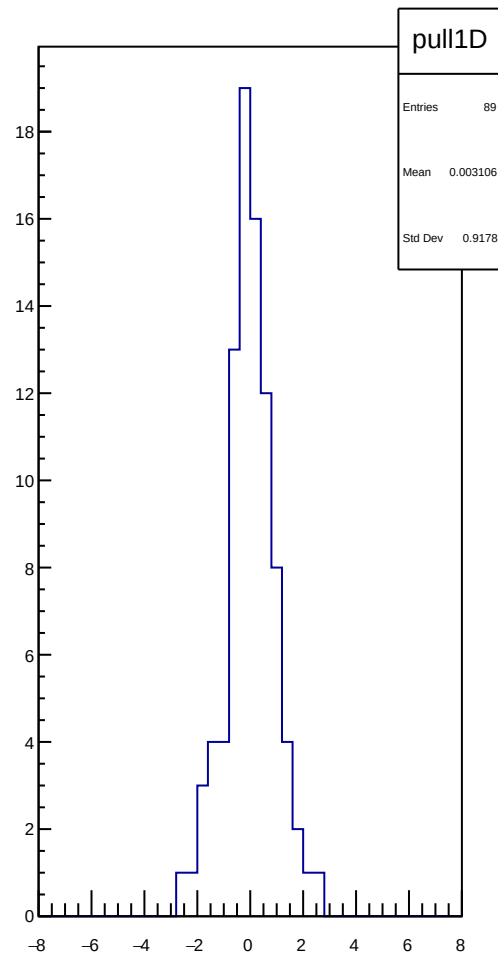
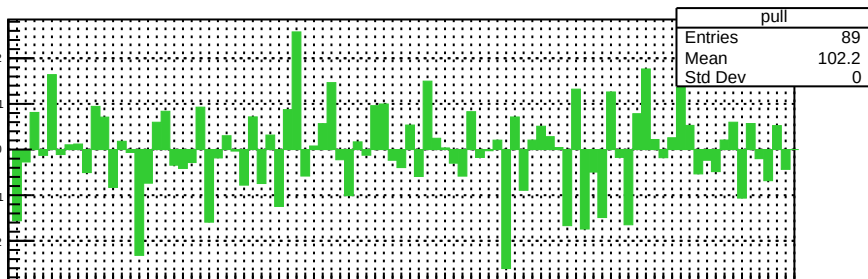
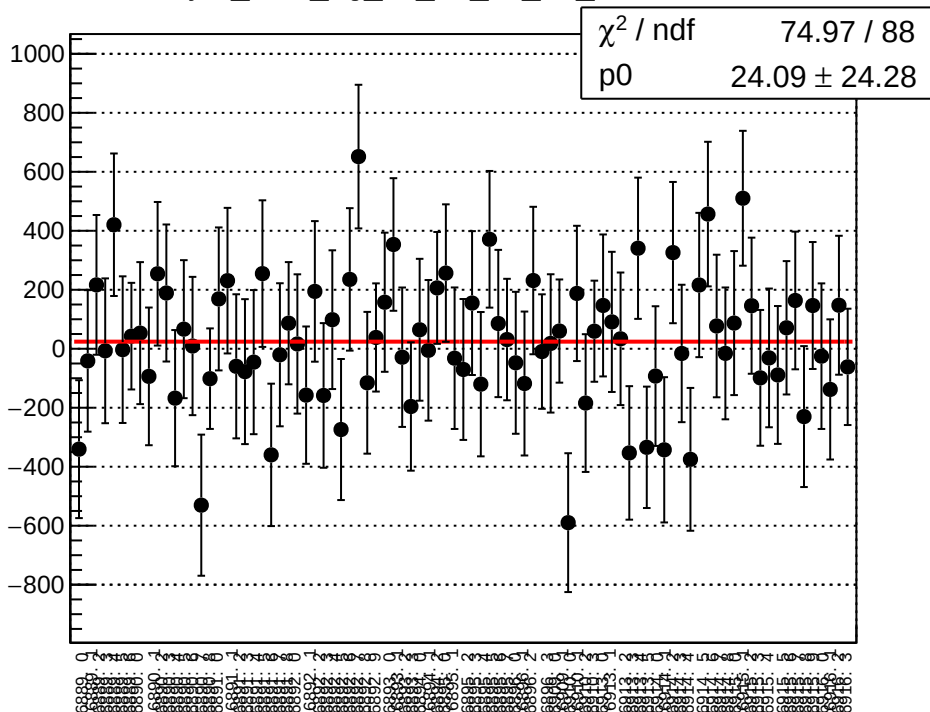
asym_bcm_dg_us_an_ds_avg_mean vs run



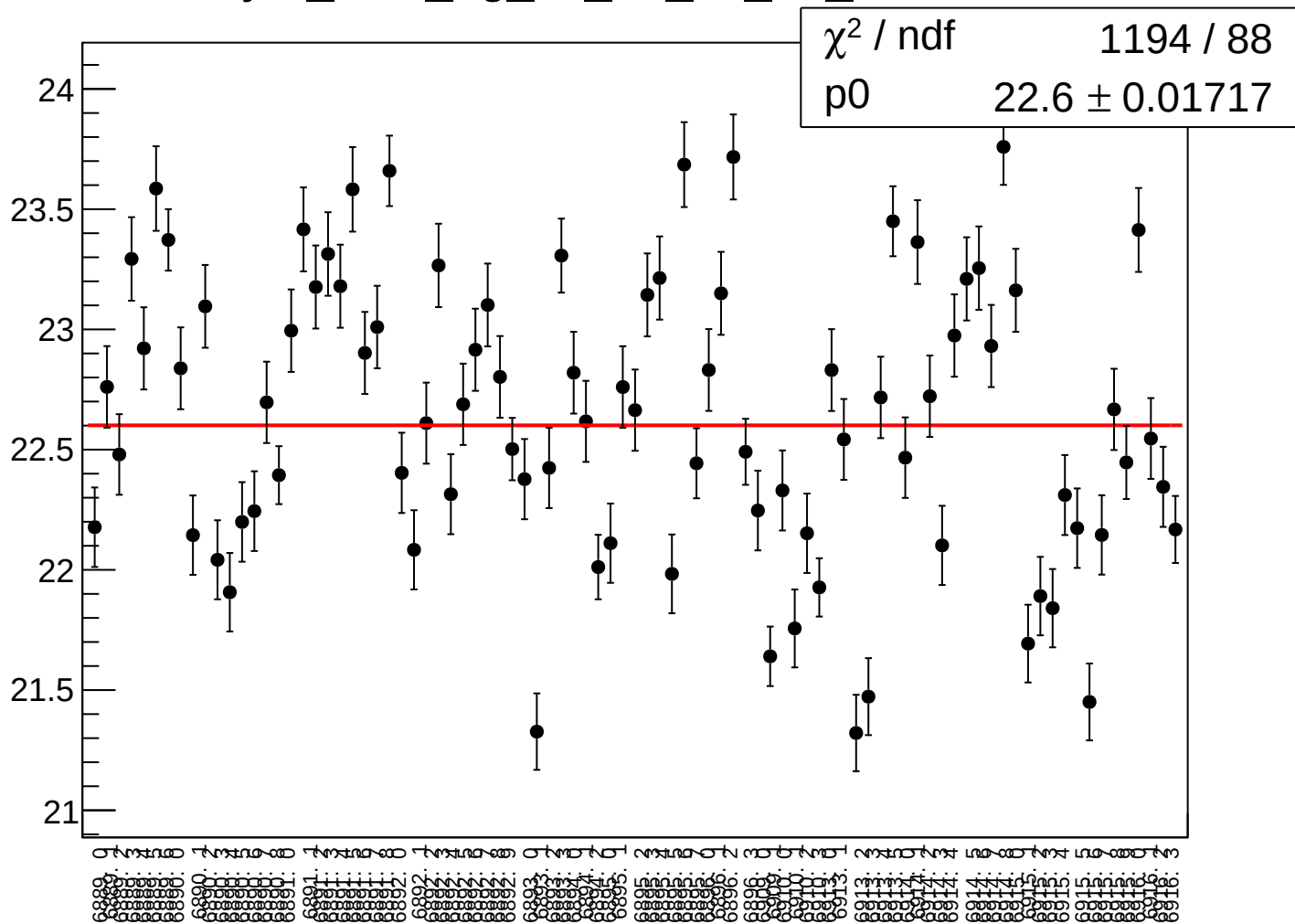
asym_bcm_dg_us_an_ds_avg_rms vs run



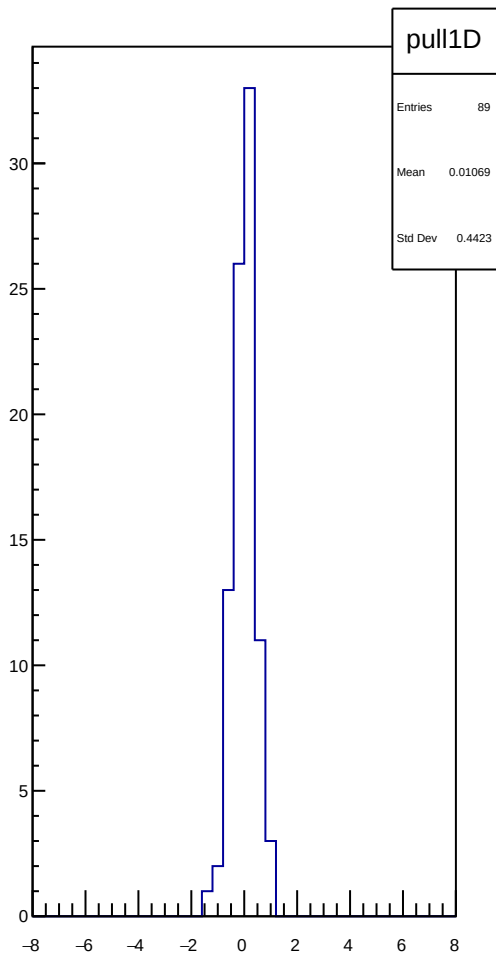
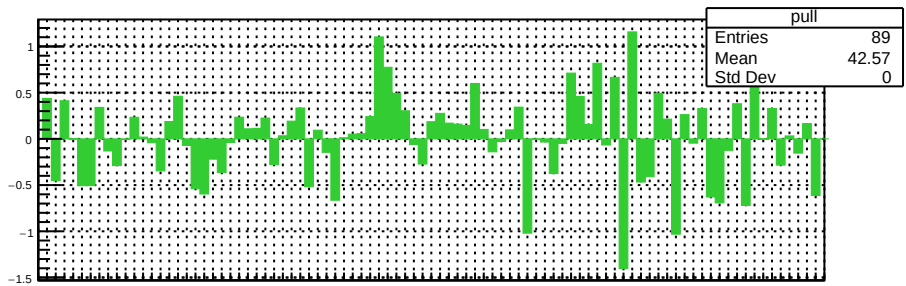
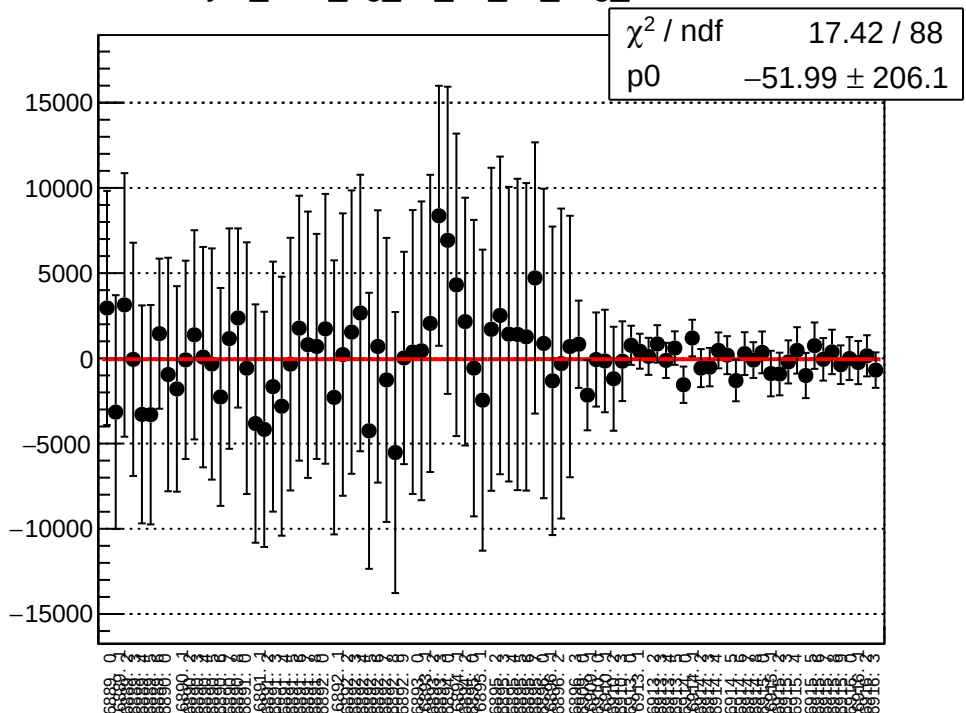
asym_bcm_dg_us_an_ds_dd_mean vs run



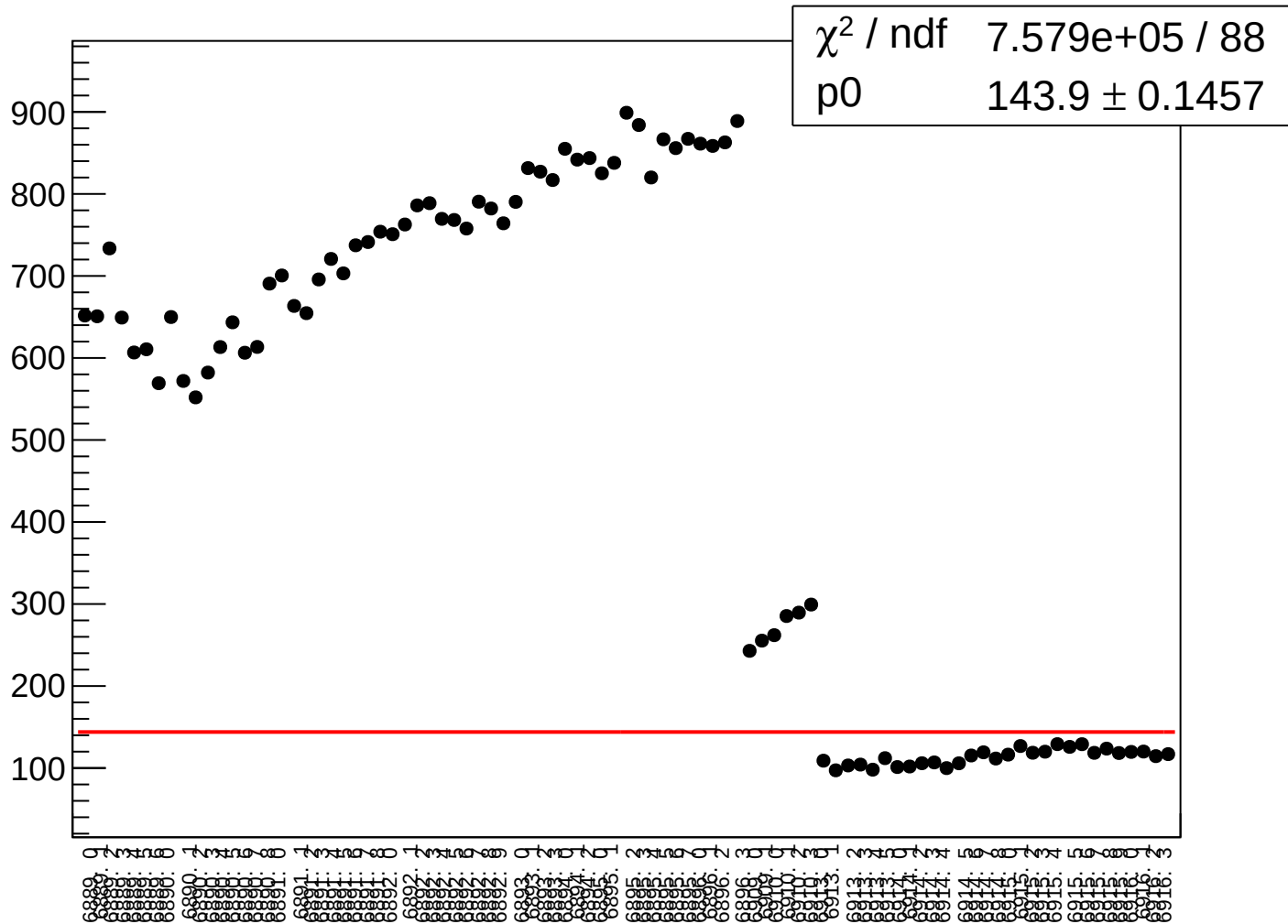
asym_bcm_dg_us_an_ds_dd_rms vs run



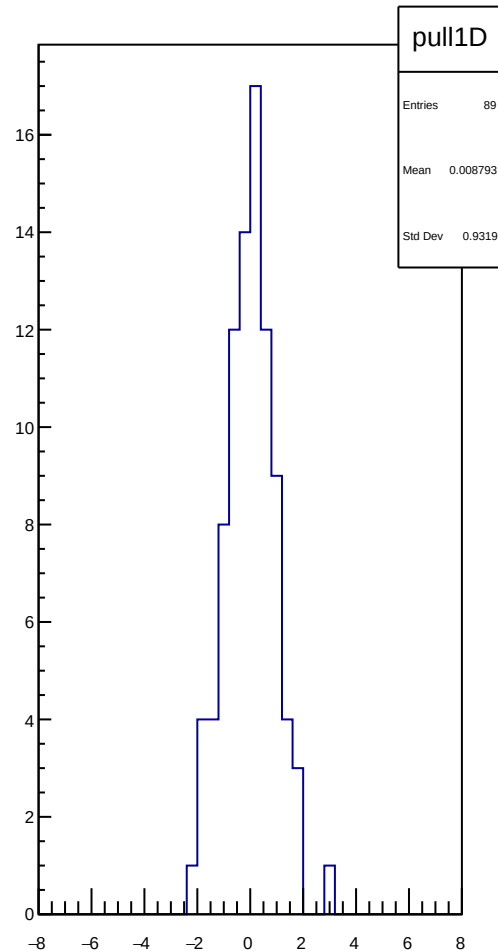
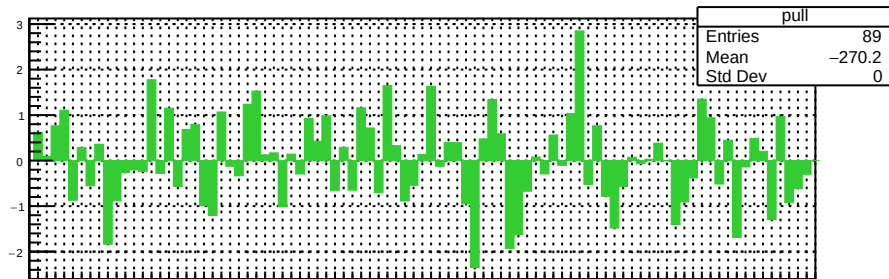
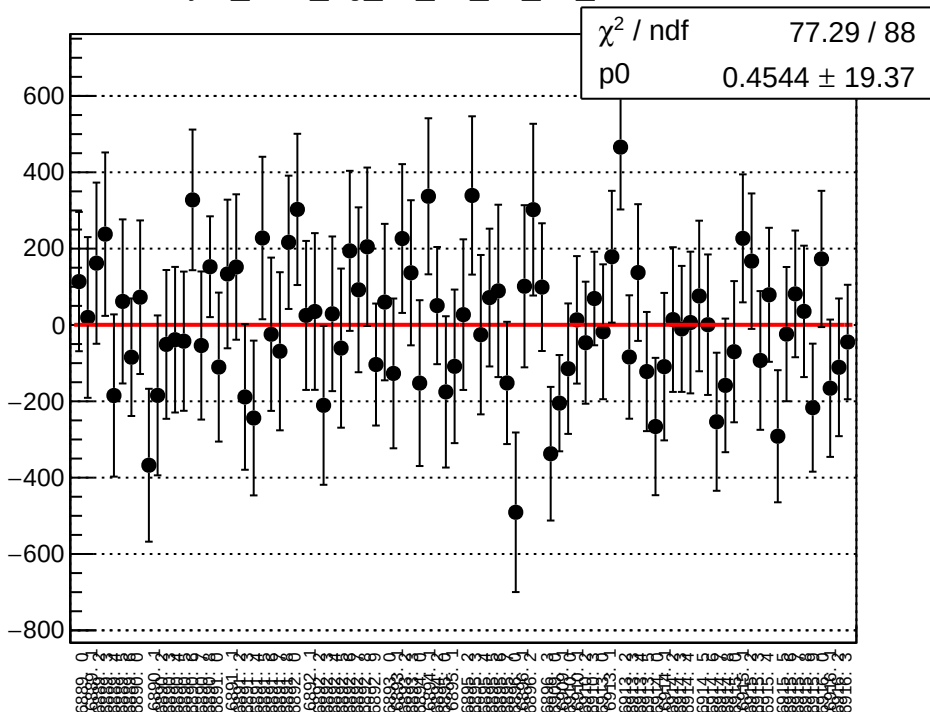
asym_bcm_dg_ds_an_ds_avg_mean vs run



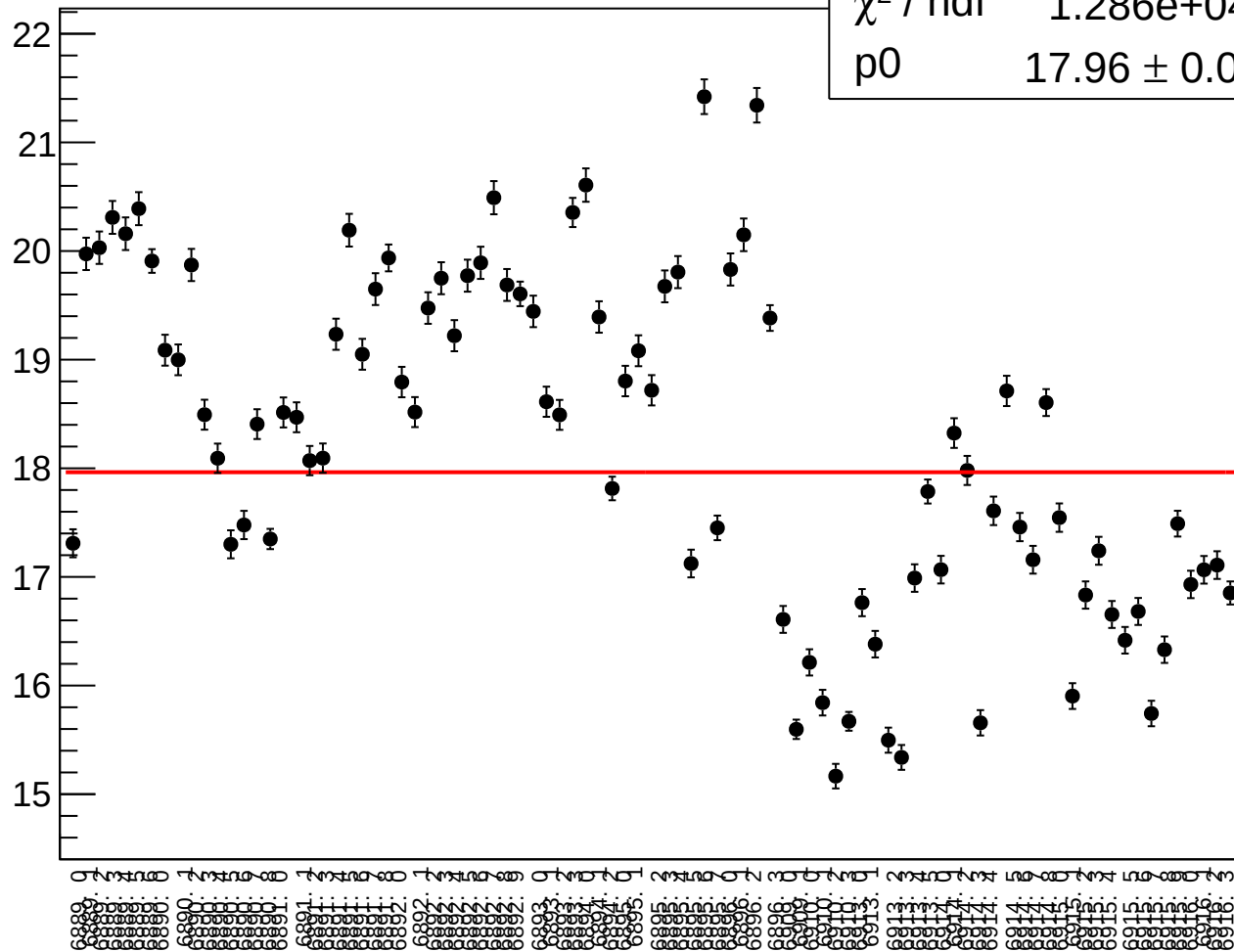
asym_bcm_dg_ds_an_ds_avg_rms vs run



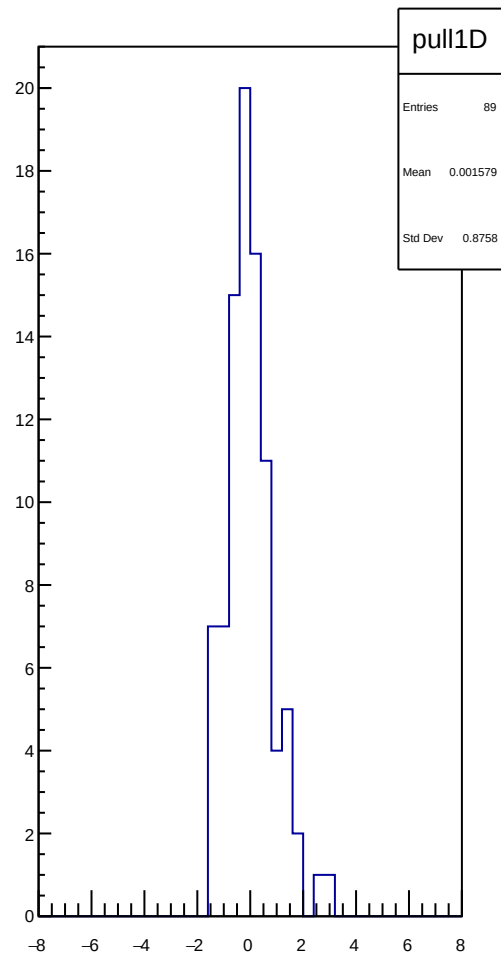
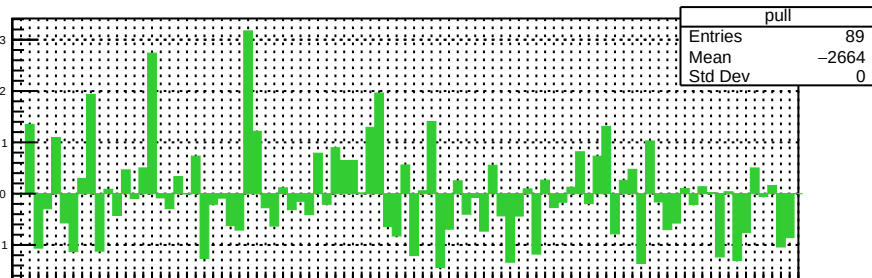
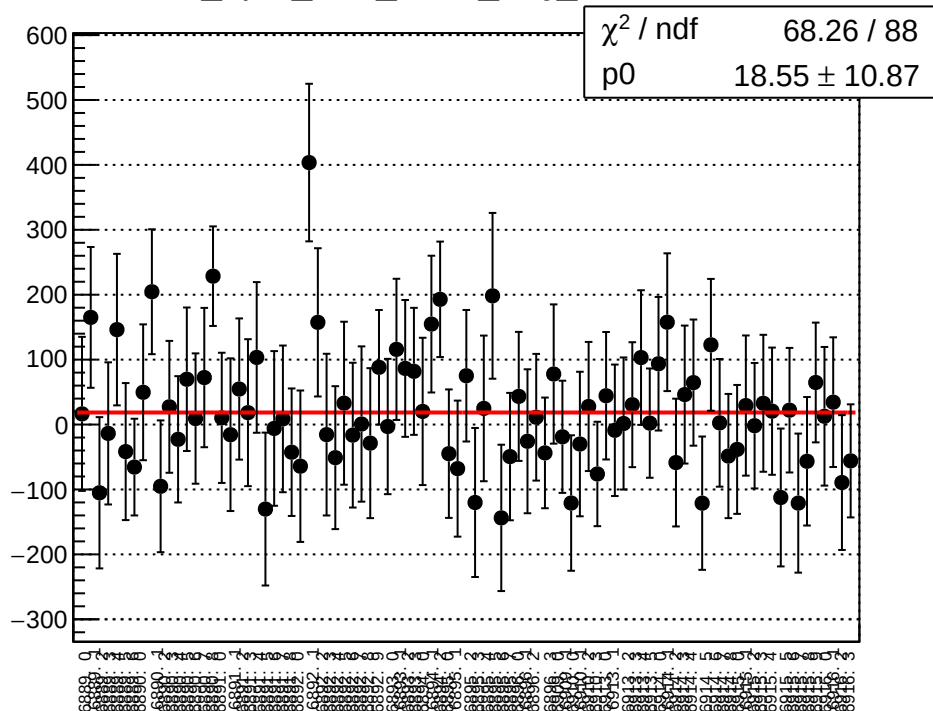
asym_bcm_dg_ds_an_ds_dd_mean vs run



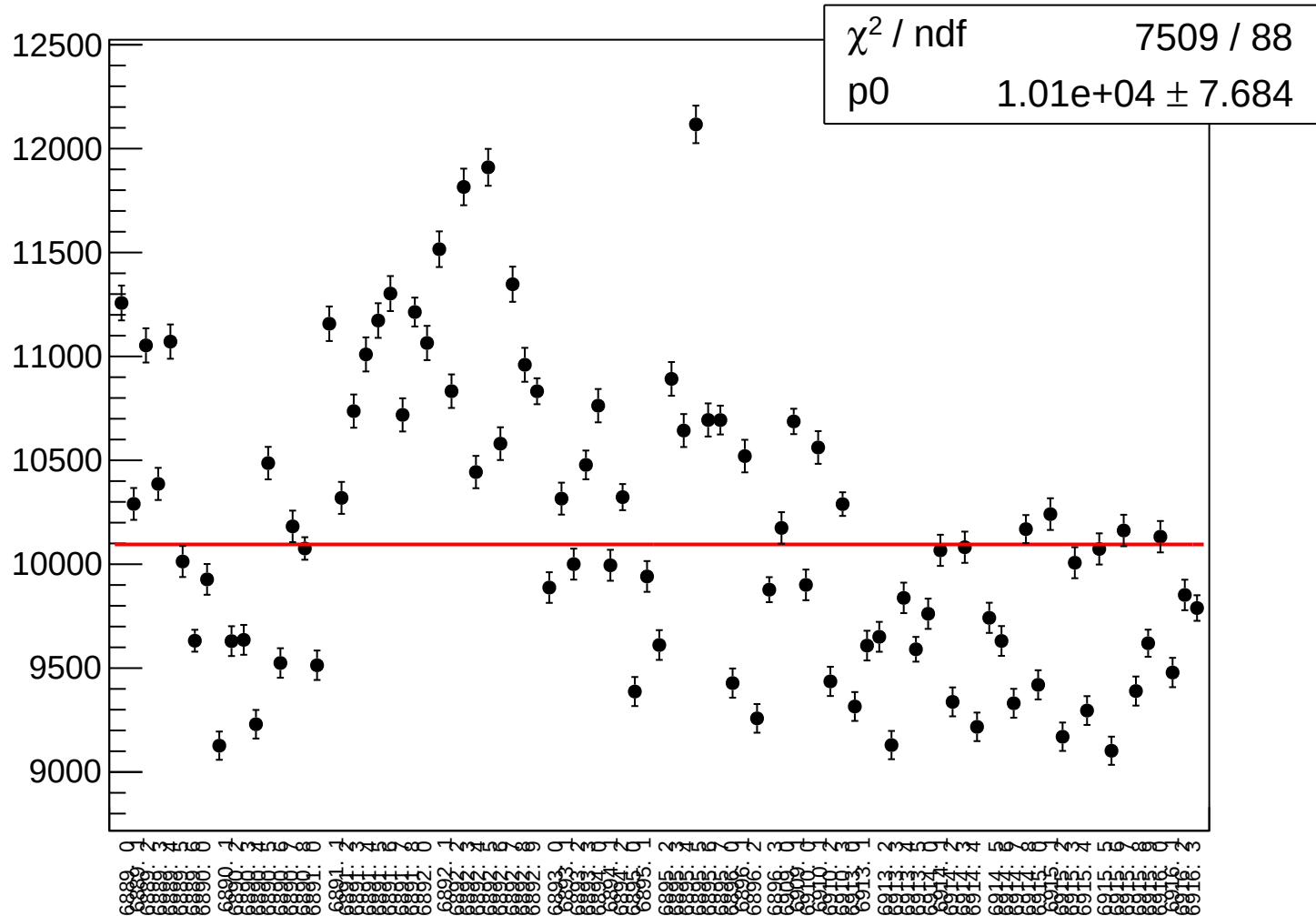
χ^2 / ndf	1.286e+04 / 88
p0	17.96 ± 0.01369



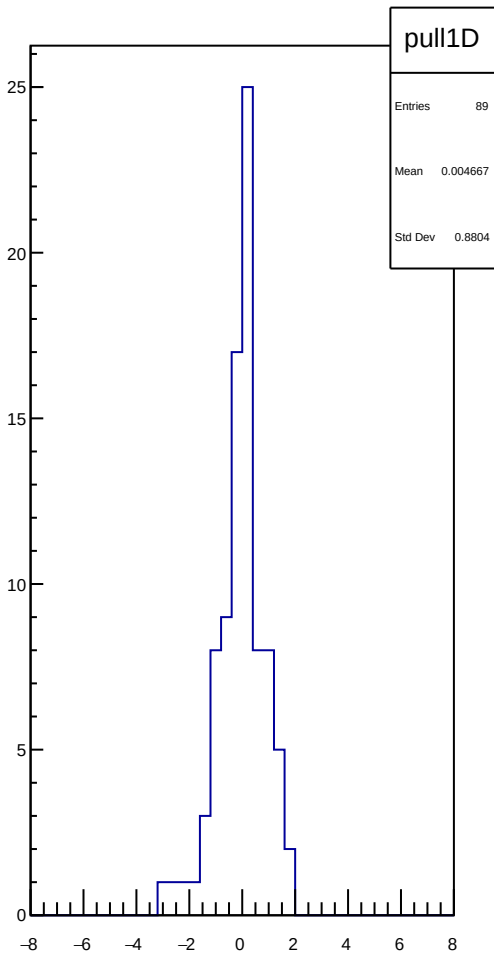
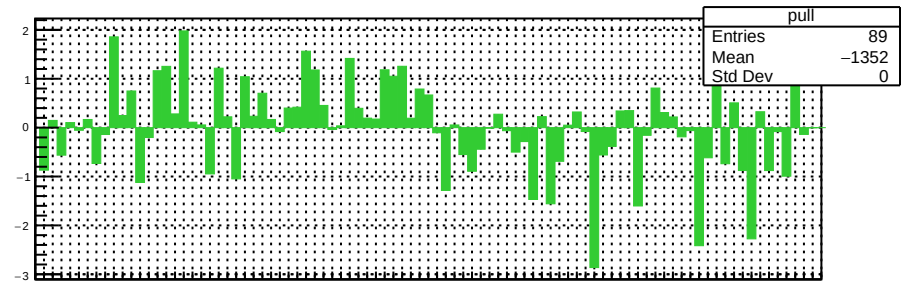
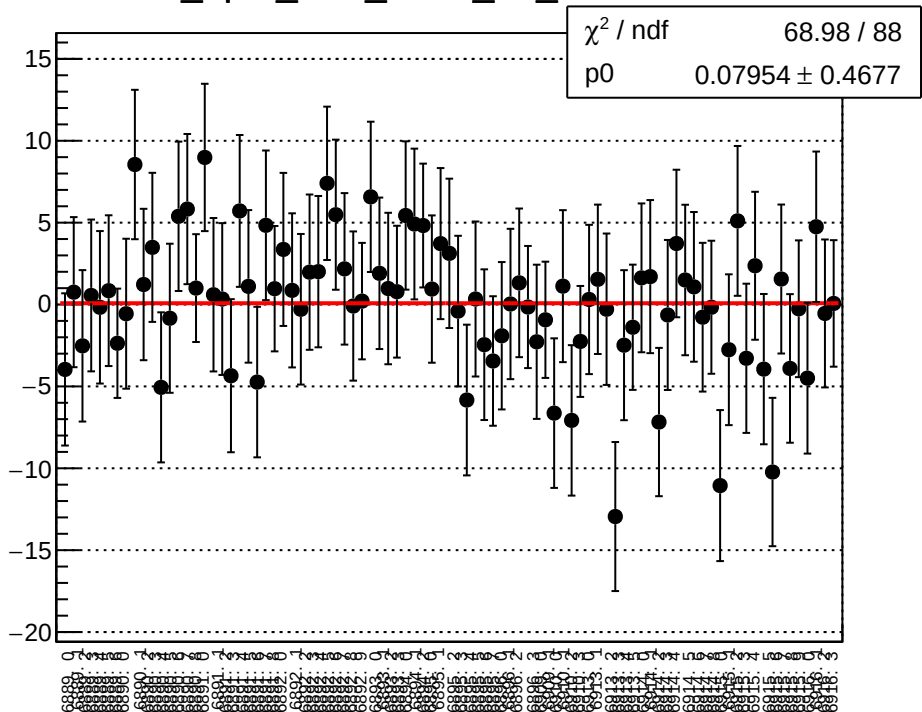
diff_bpm_4aX_4acX_avg_mean vs run



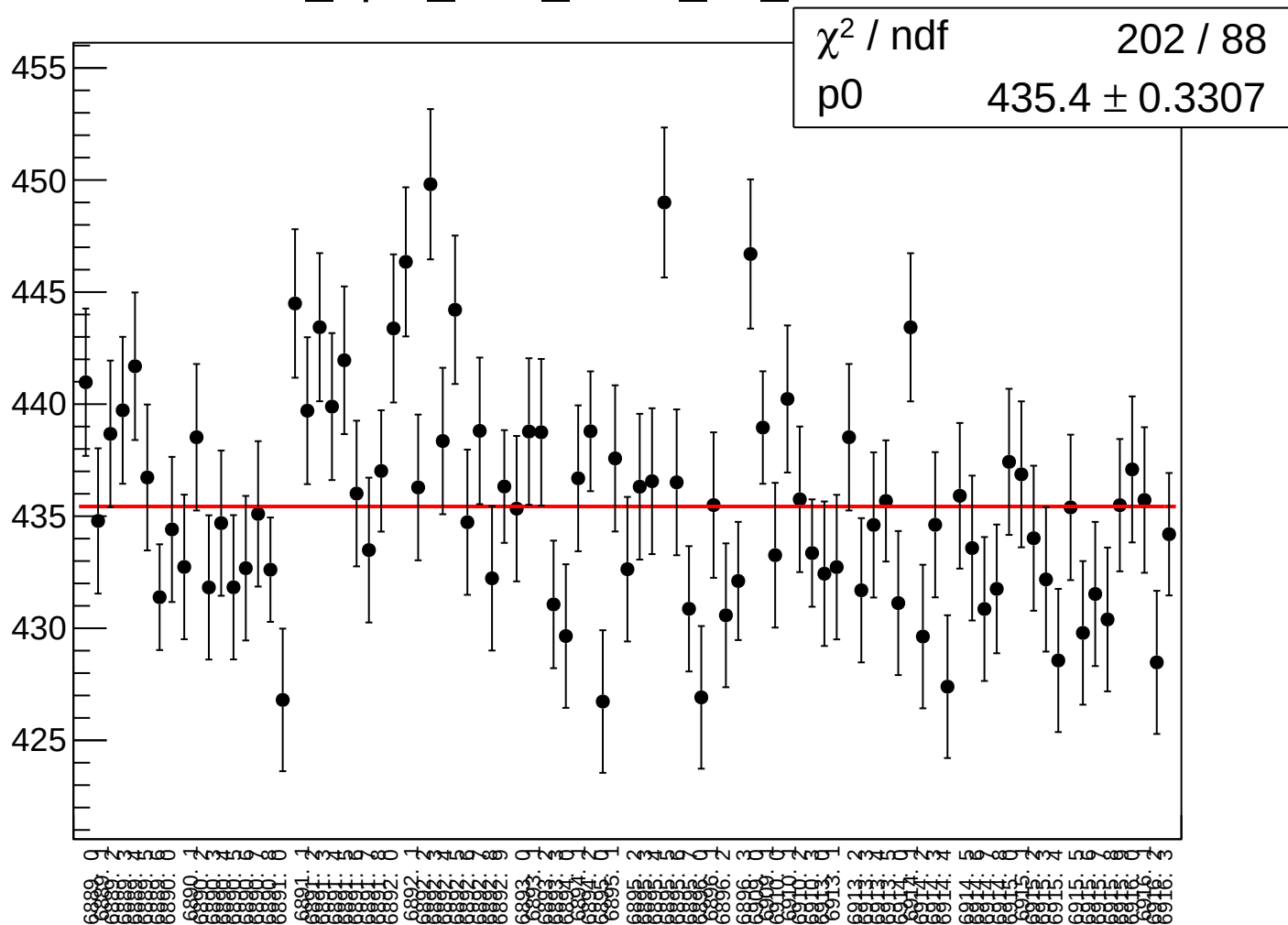
diff_bpm_4aX_4acX_avg_rms vs run



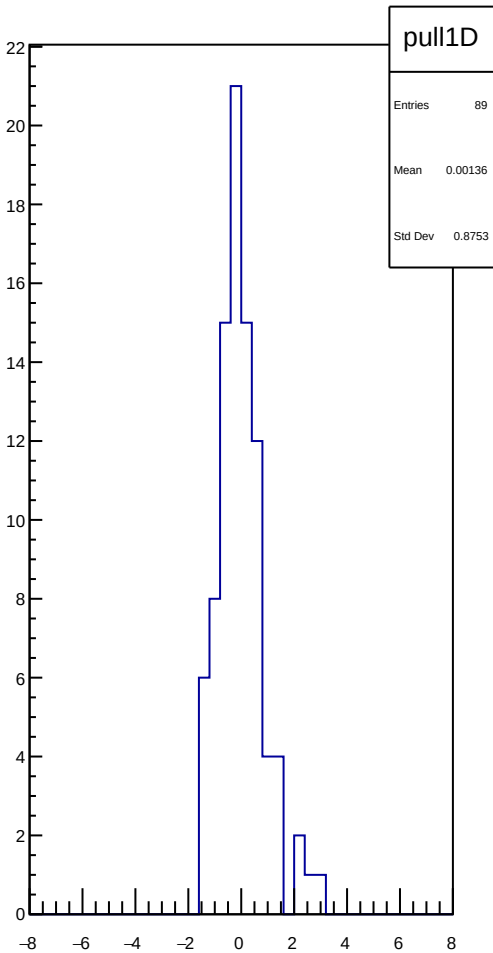
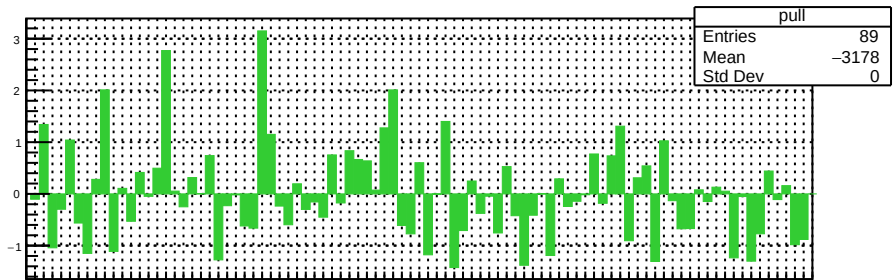
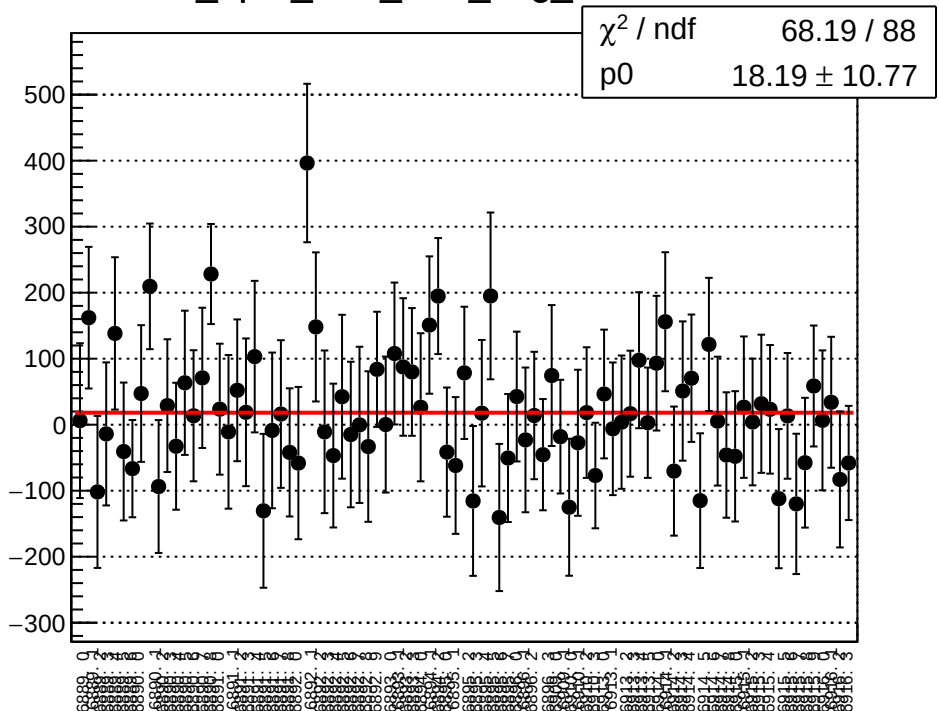
diff_bpm_4aX_4acX_dd_mean vs run



diff_bpm_4aX_4acX_dd_rms vs run



diff_bpm_4aX_4eX_avg_mean vs run



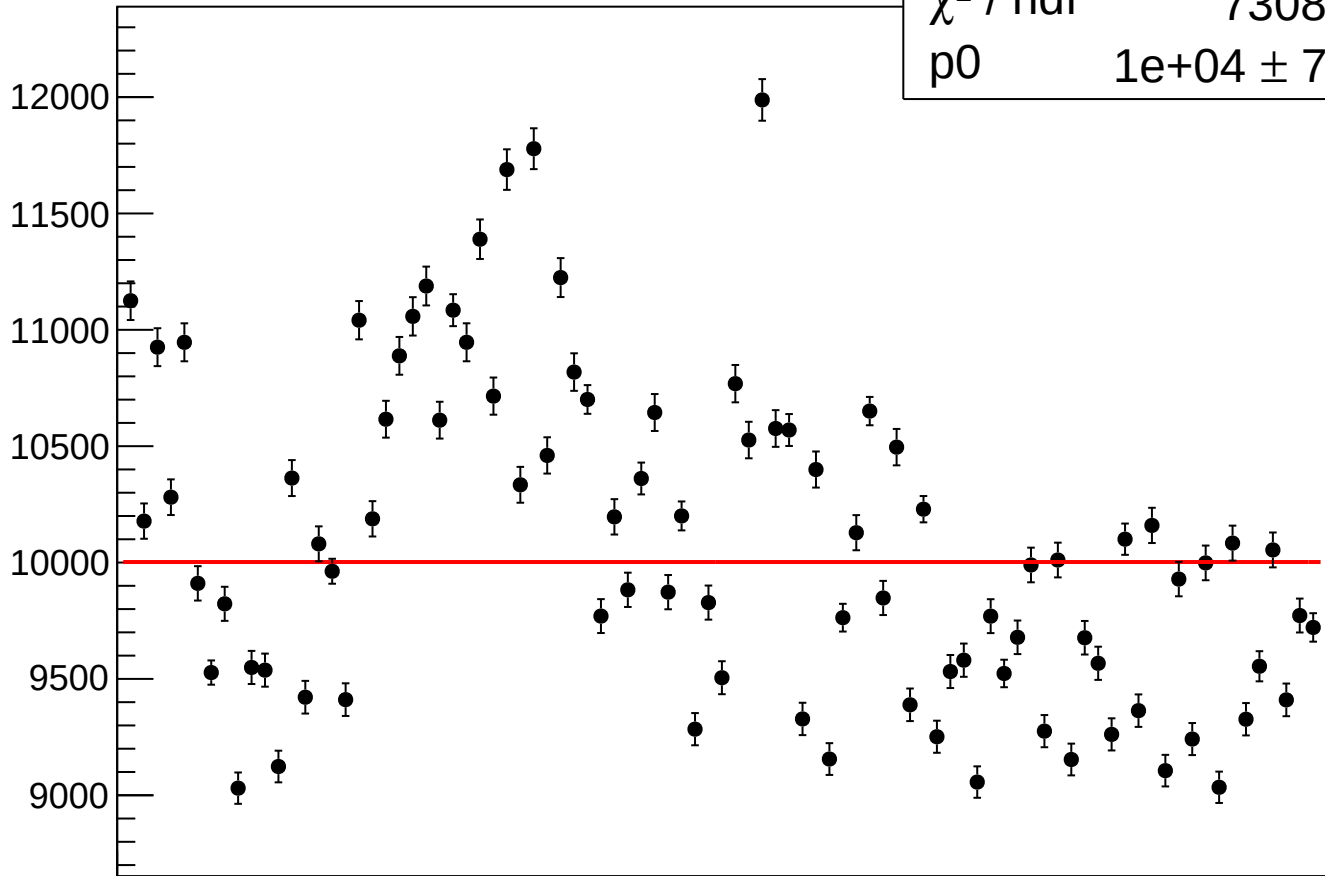
diff_bpm_4aX_4eX_avg_rms vs run

χ^2 / ndf

7308 / 88

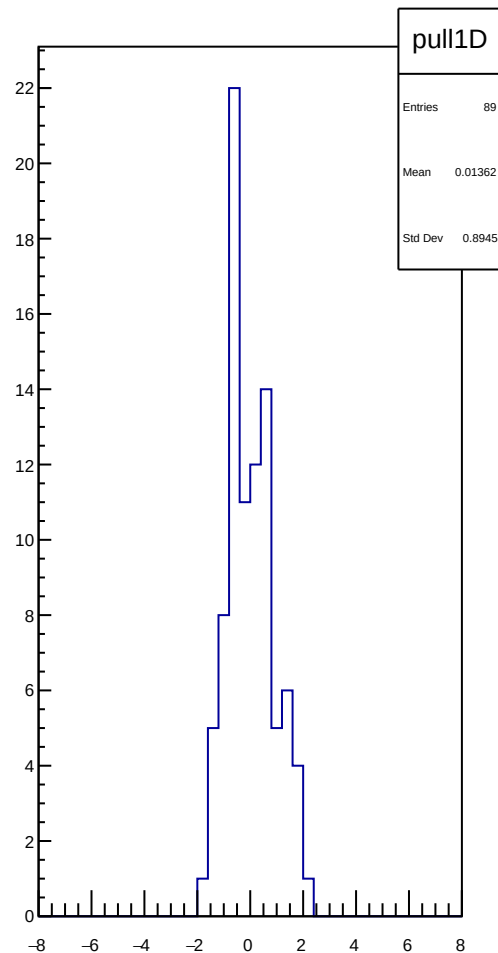
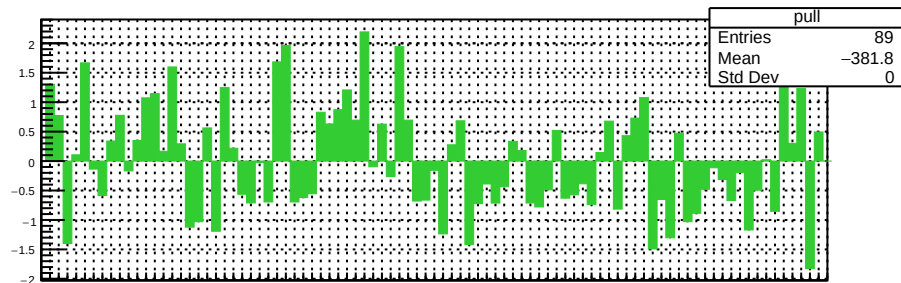
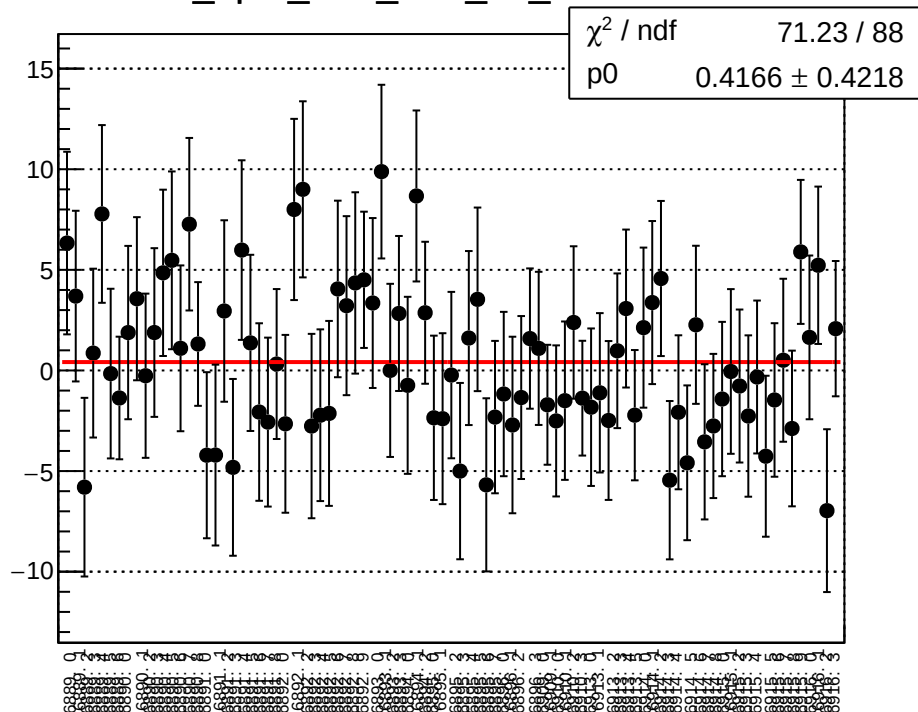
p0

$1\text{e}+04 \pm 7.613$



00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

diff_bpm_4aX_4eX_dd_mean vs run



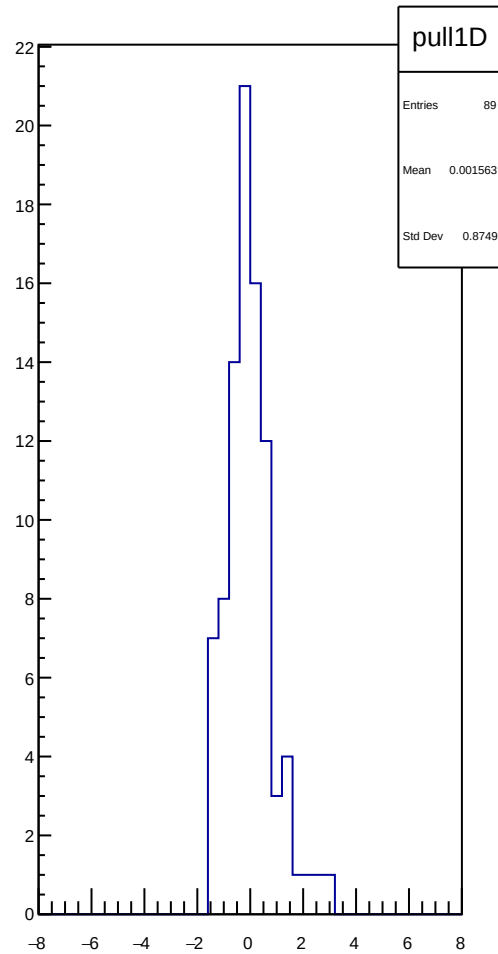
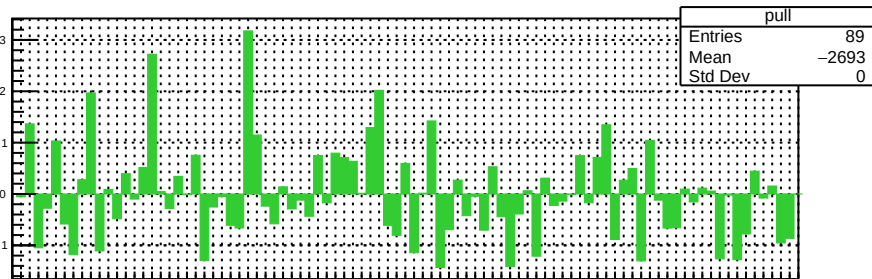
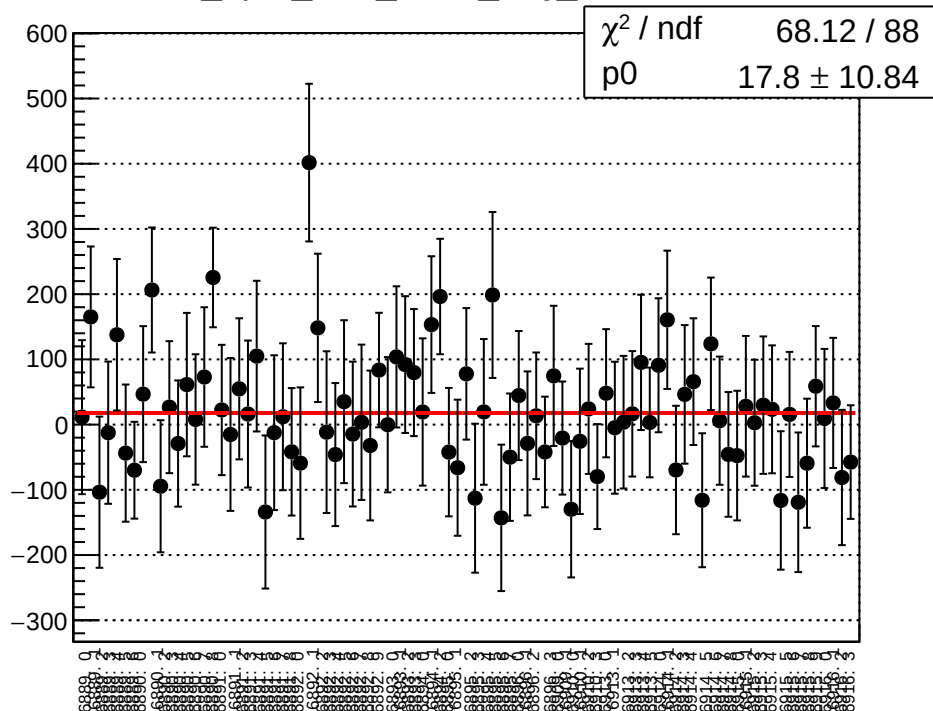
χ^2 / ndf

p0

χ^2 / ν 5445
p0 392.1 ± 0.1

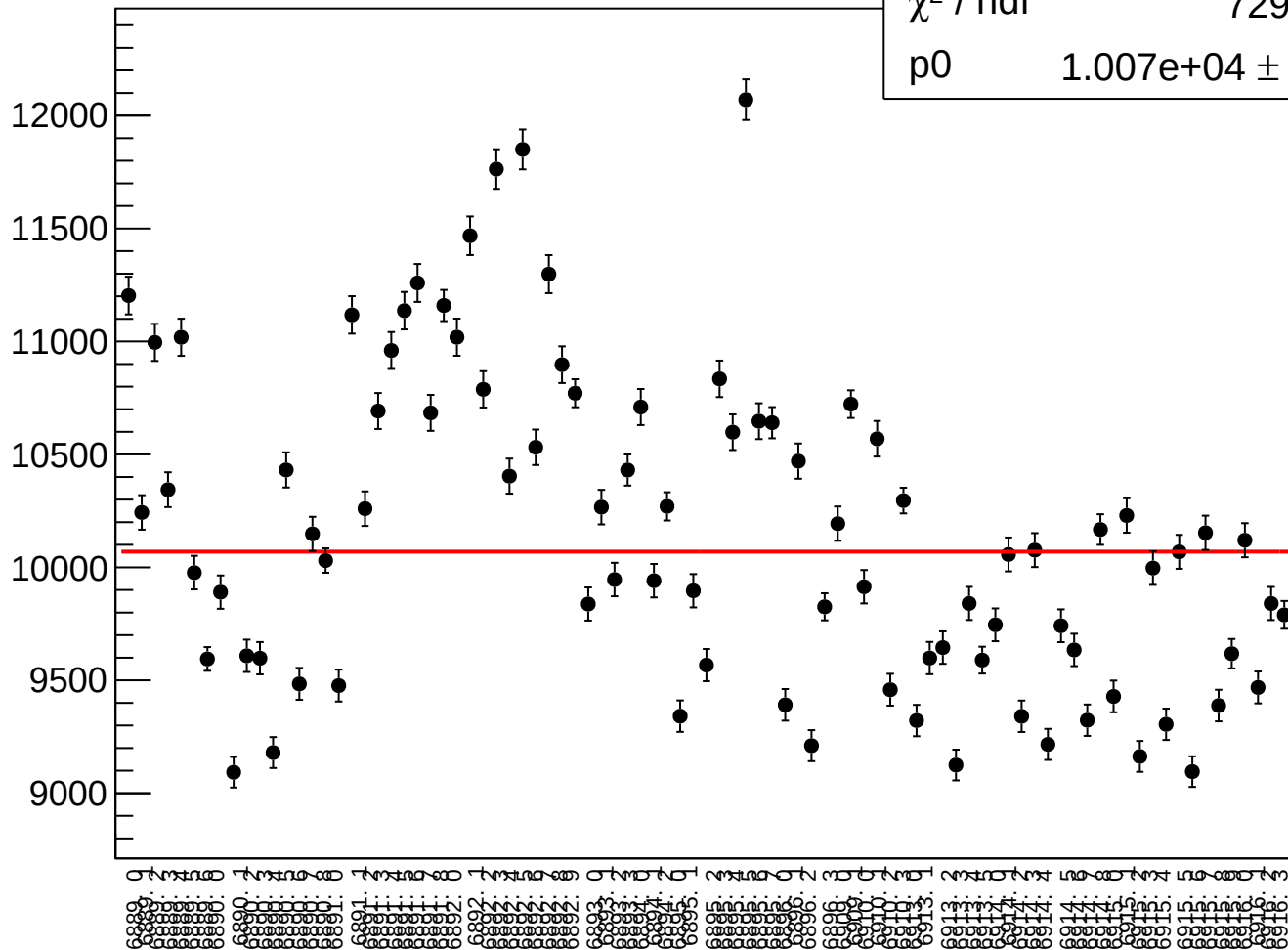
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diff_bpm_4aX_4ecX_avg_mean vs run

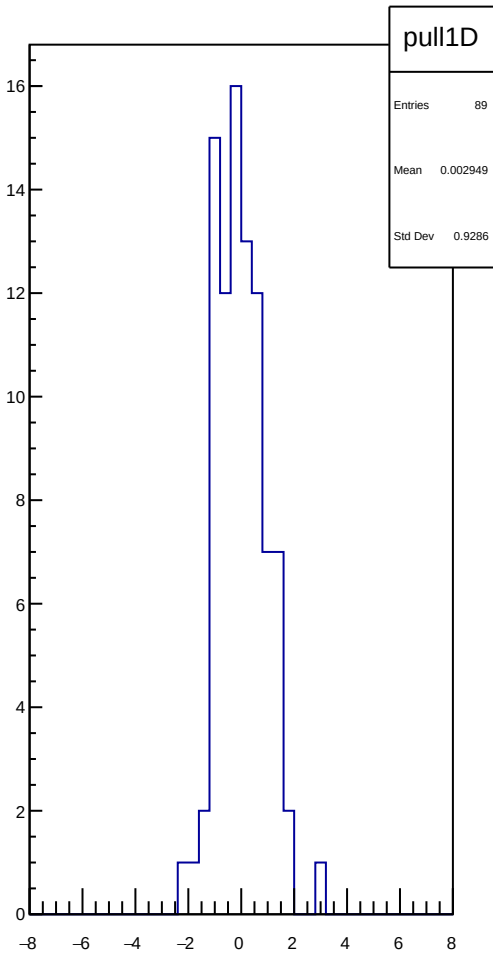
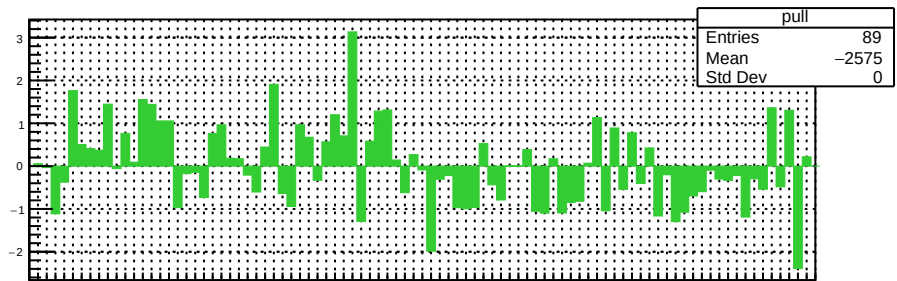
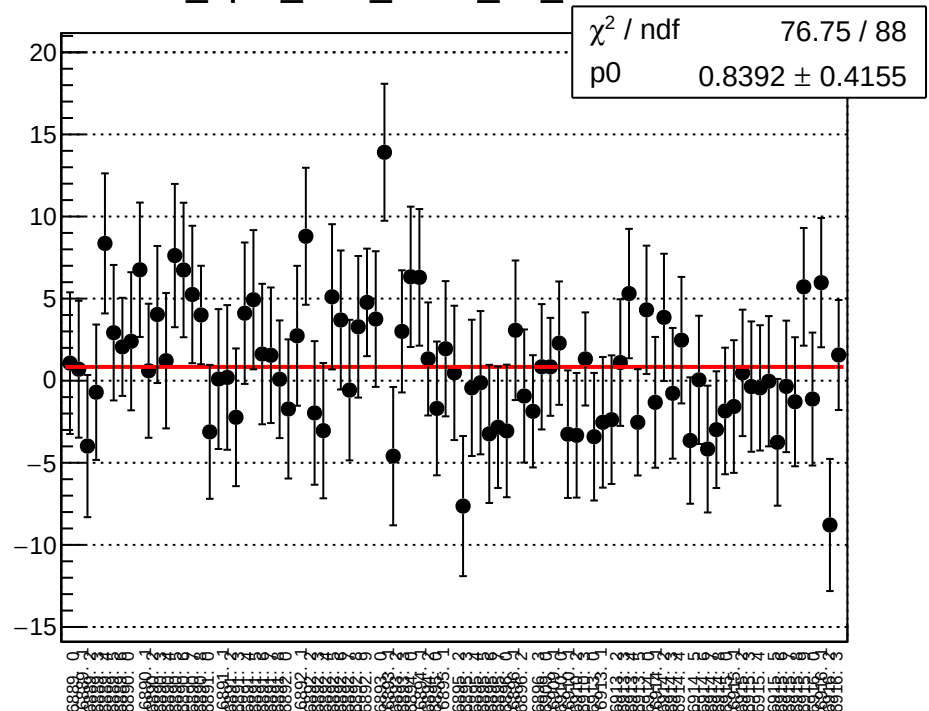


χ^2 / ndf

p0

$$1.007\text{e}+04 \pm 7.664$$


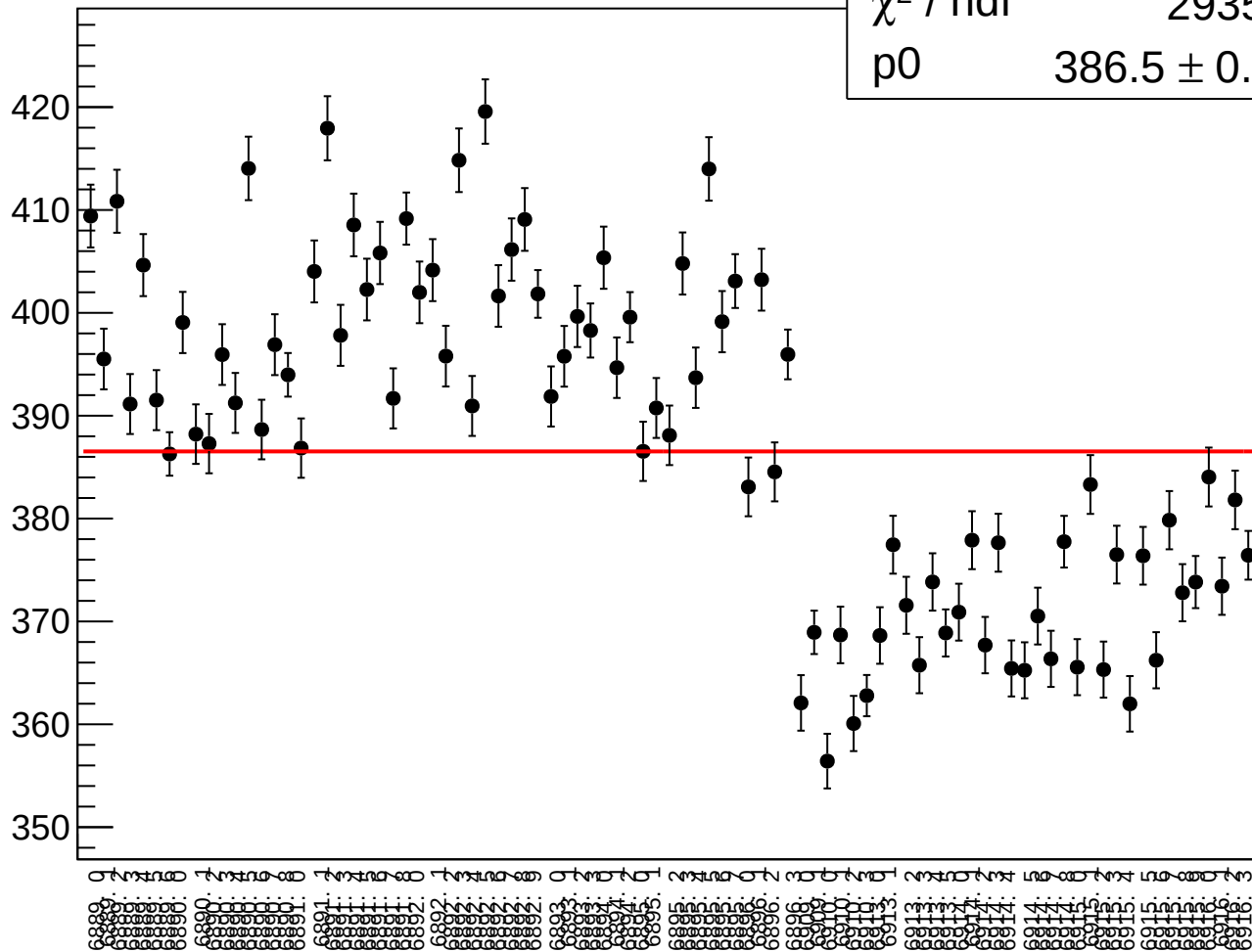
diff_bpm_4aX_4ecX_dd_mean vs run



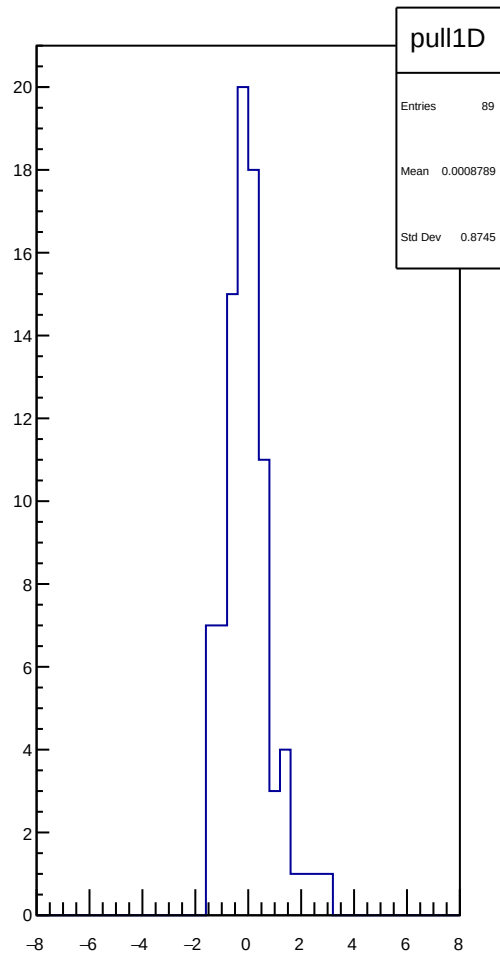
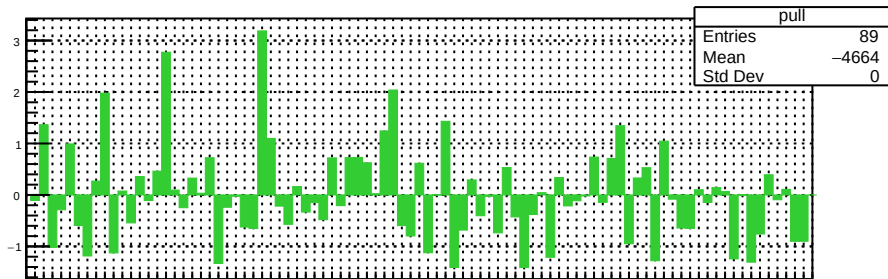
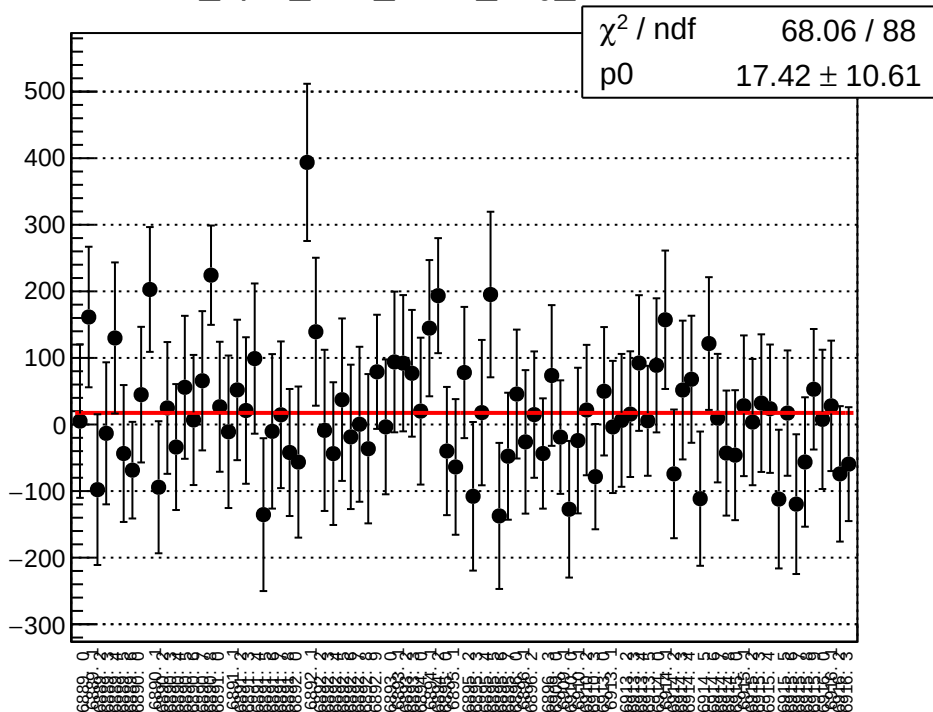
χ^2 / ndf

2935 / 88

p0

$$386.5 \pm 0.2938$$


diff_bpm_4eX_4ecX_avg_mean vs run



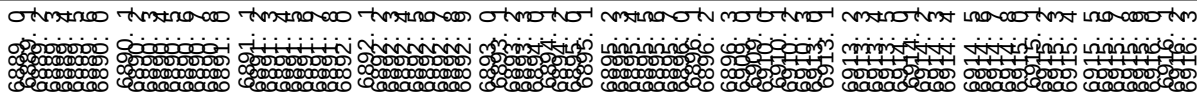
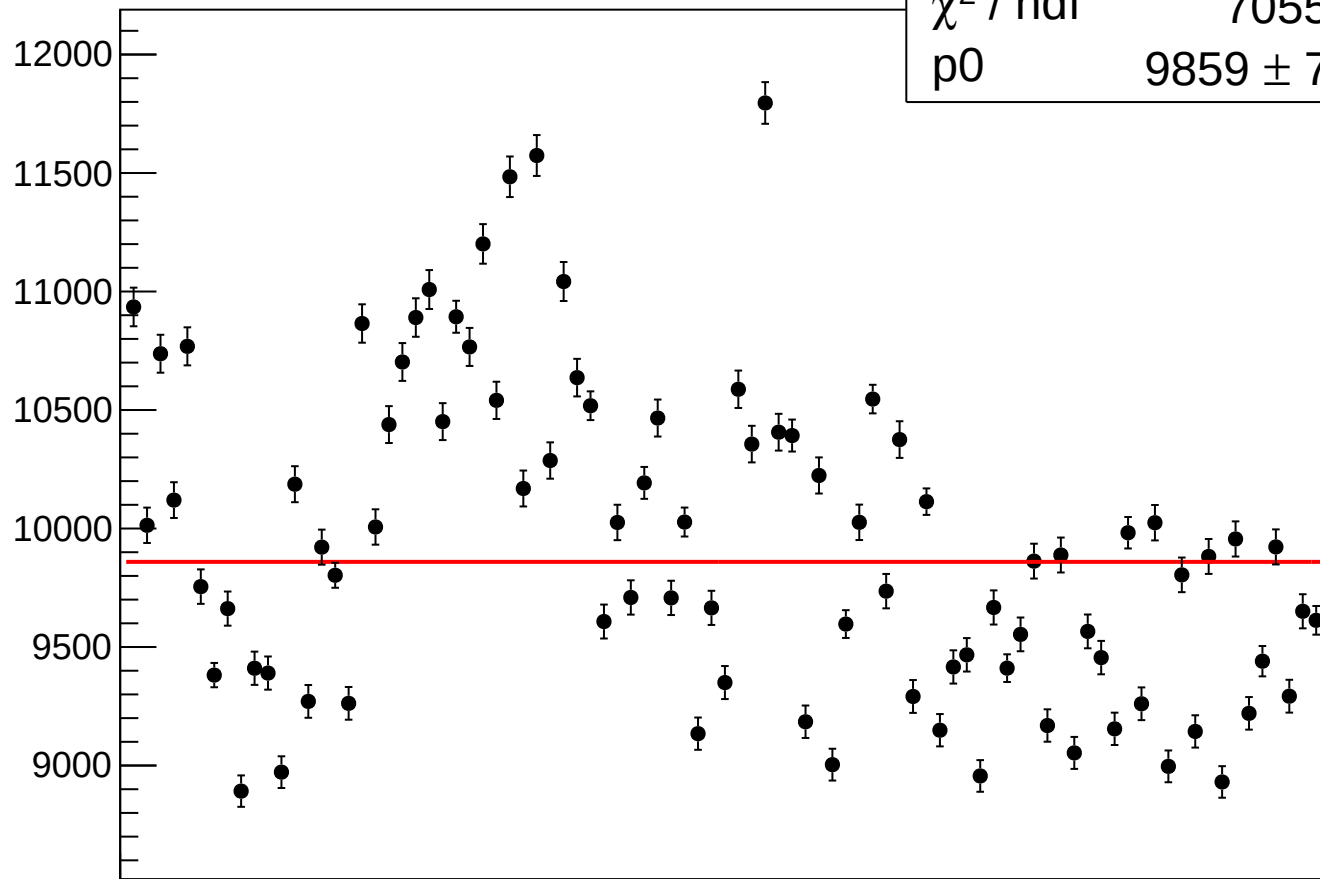
diff_bpm_4eX_4ecX_avg_rms vs run

χ^2 / ndf

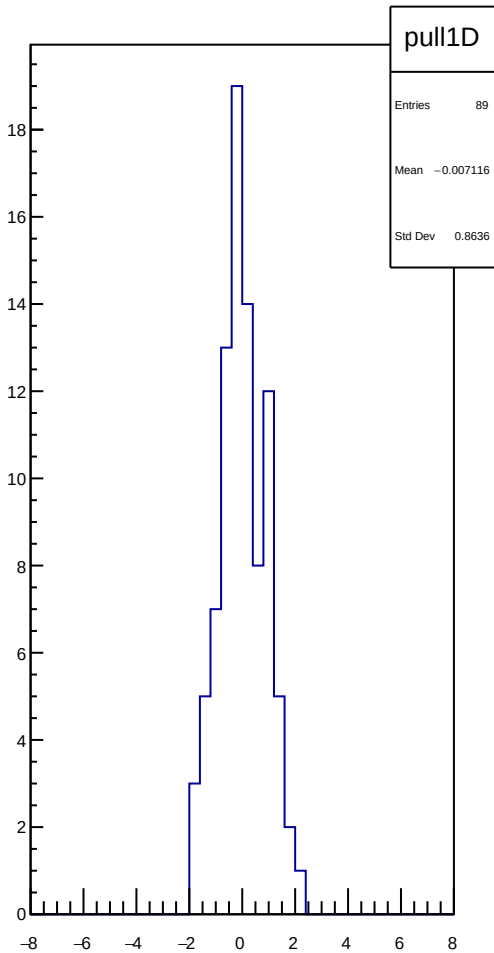
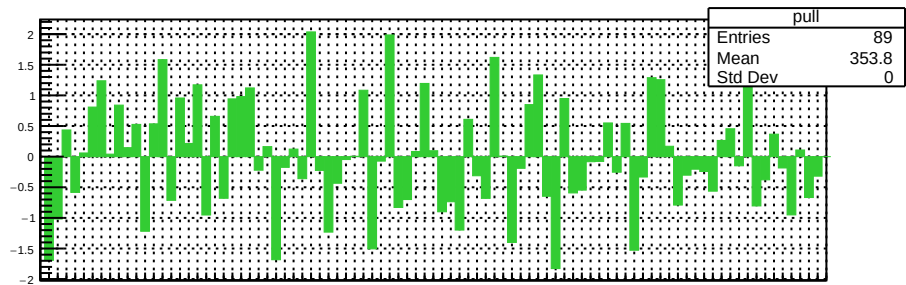
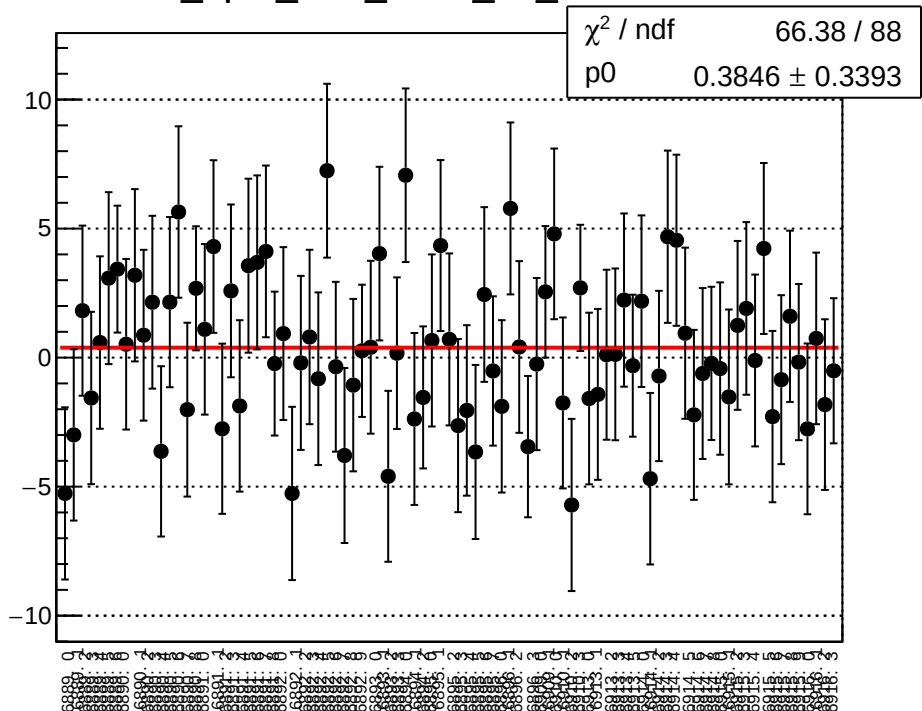
7055 / 88

p0

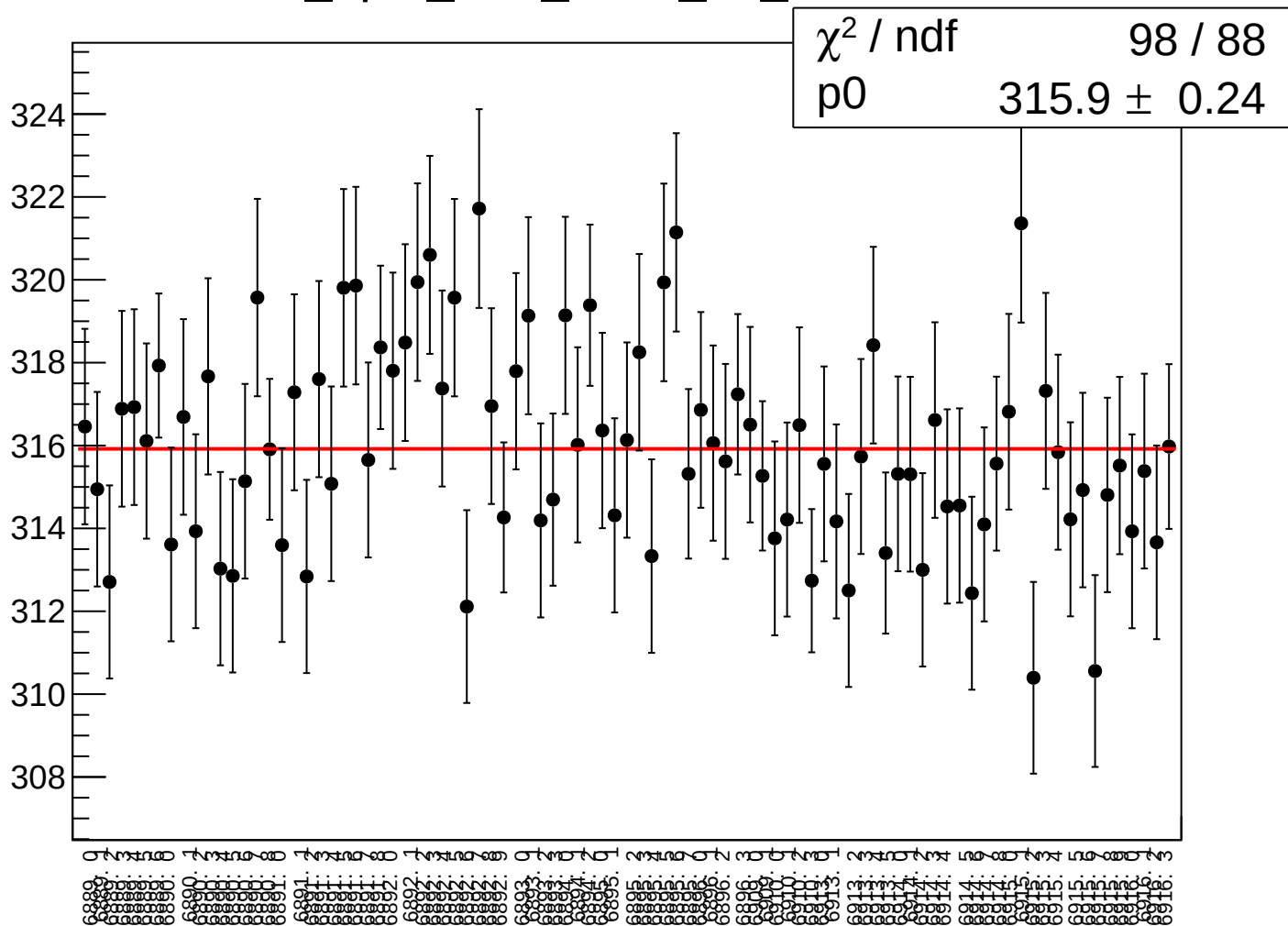
9859 ± 7.504



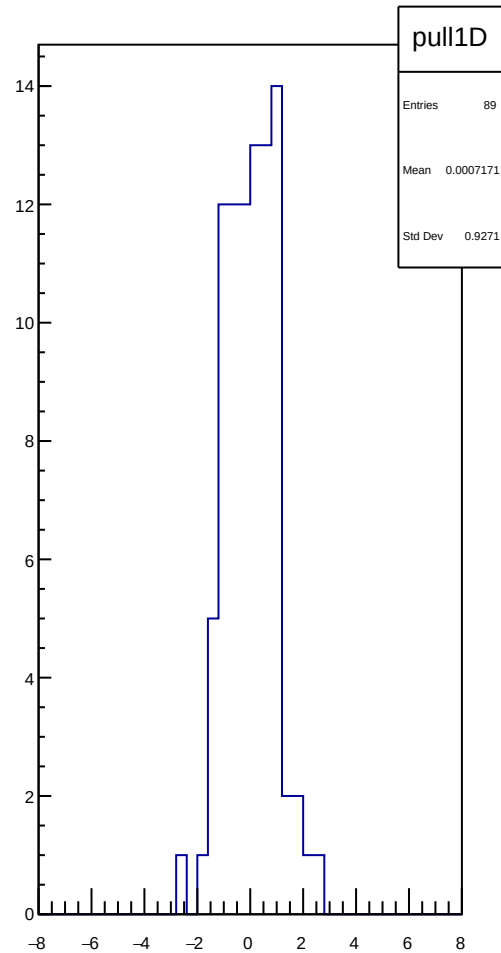
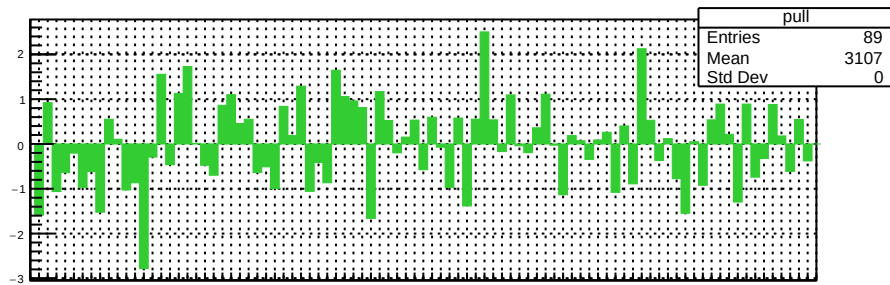
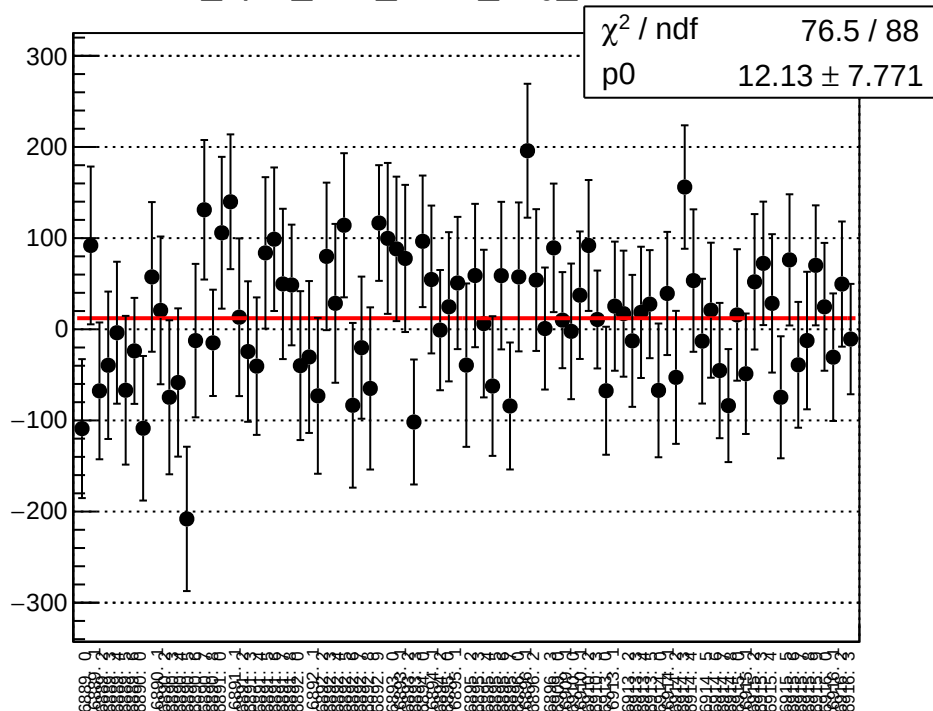
diff_bpm_4eX_4ecX_dd_mean vs run



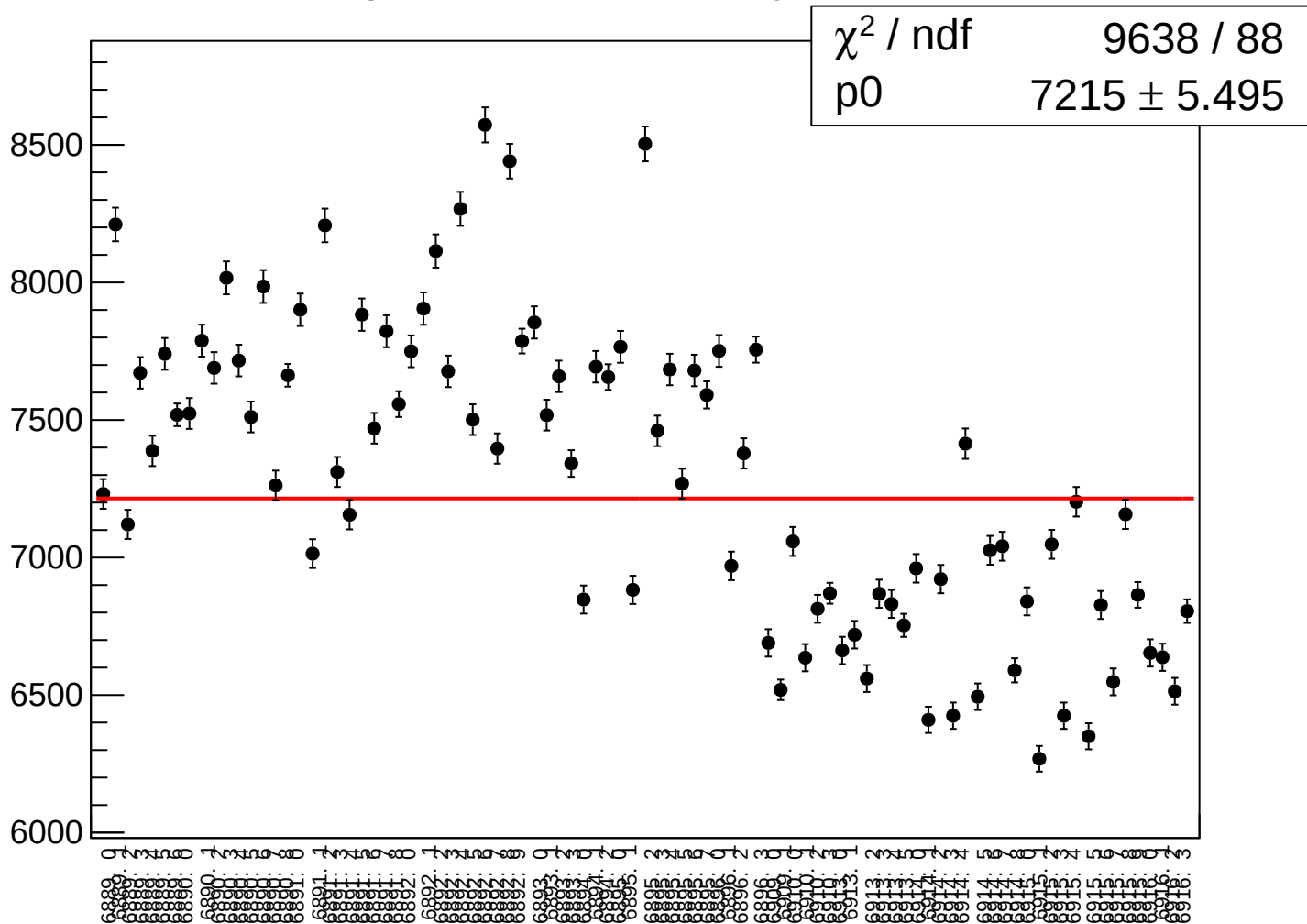
diff_bpm_4eX_4ecX_dd_rms vs run



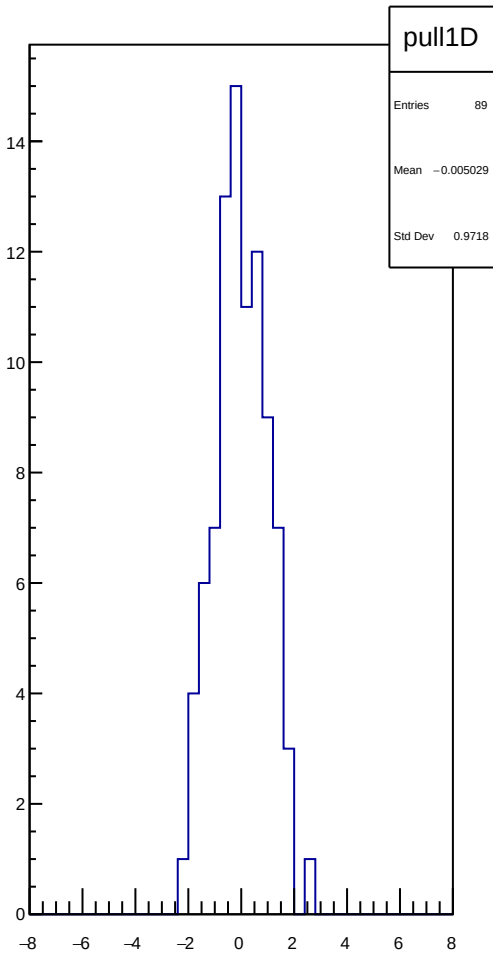
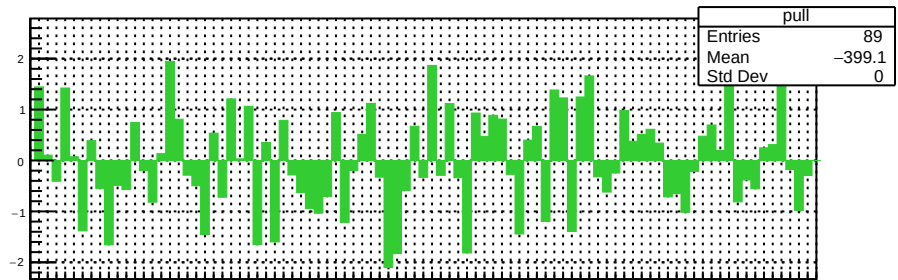
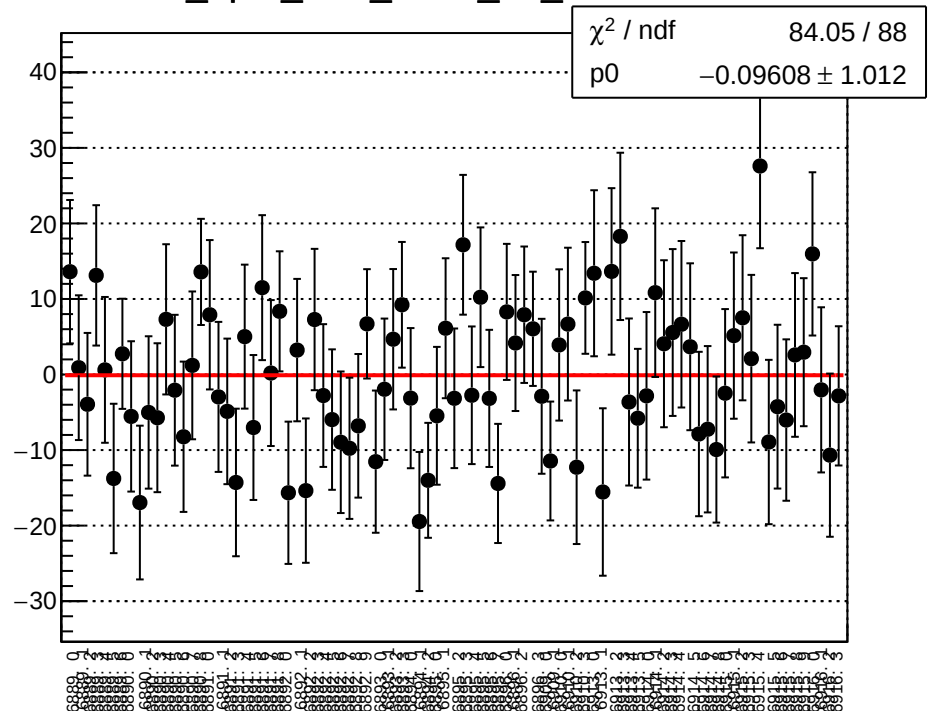
diff_bpm_4aY_4acY_avg_mean vs run



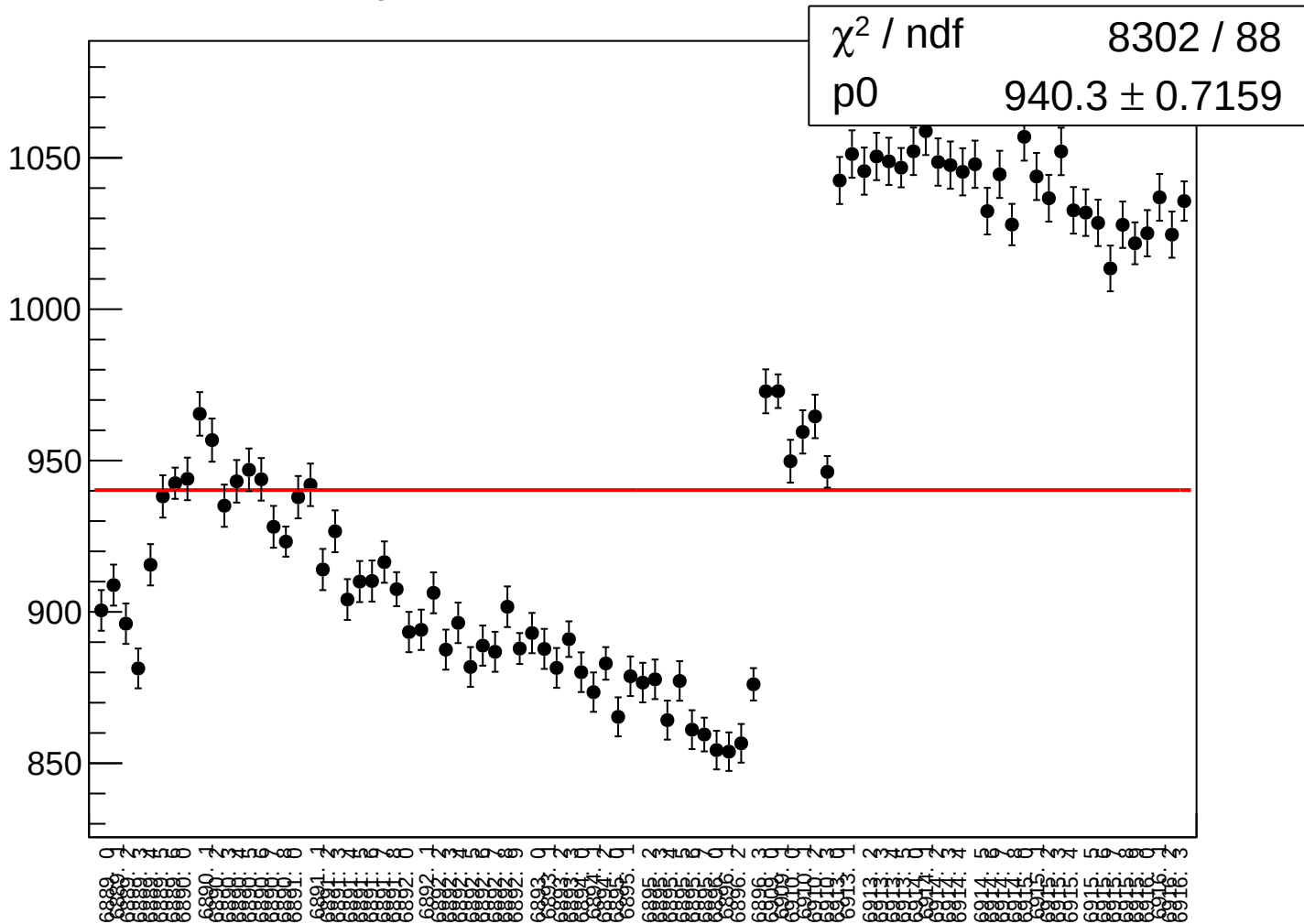
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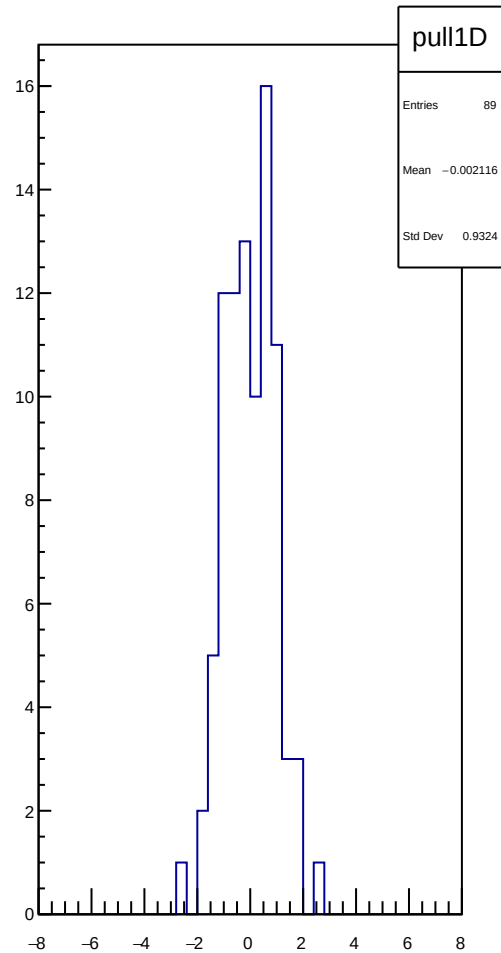
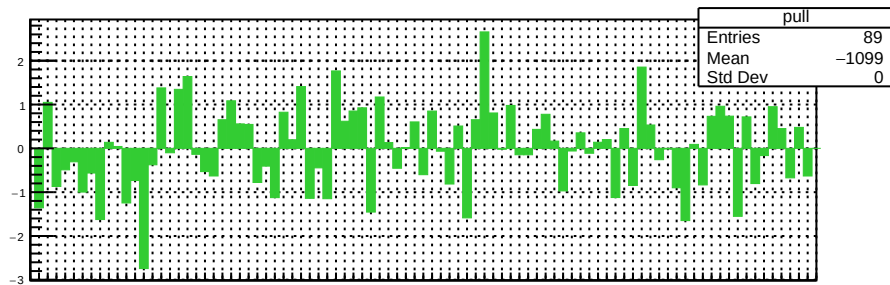
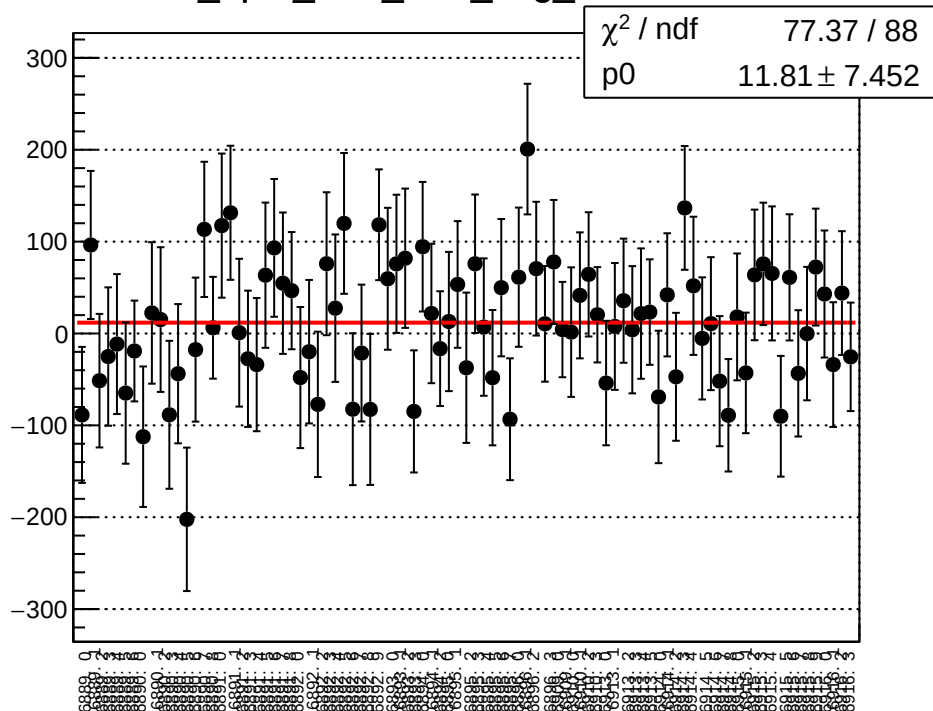
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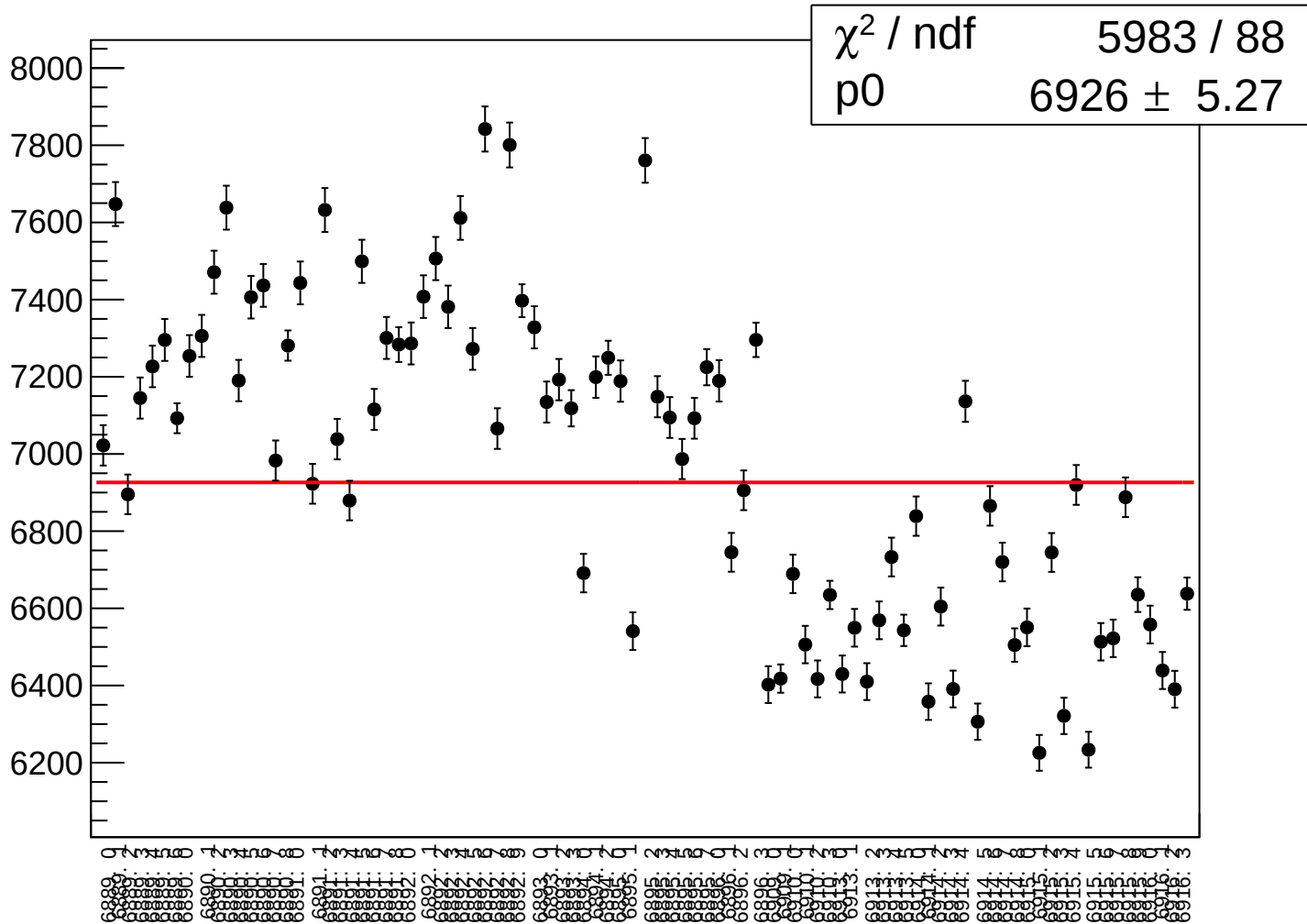
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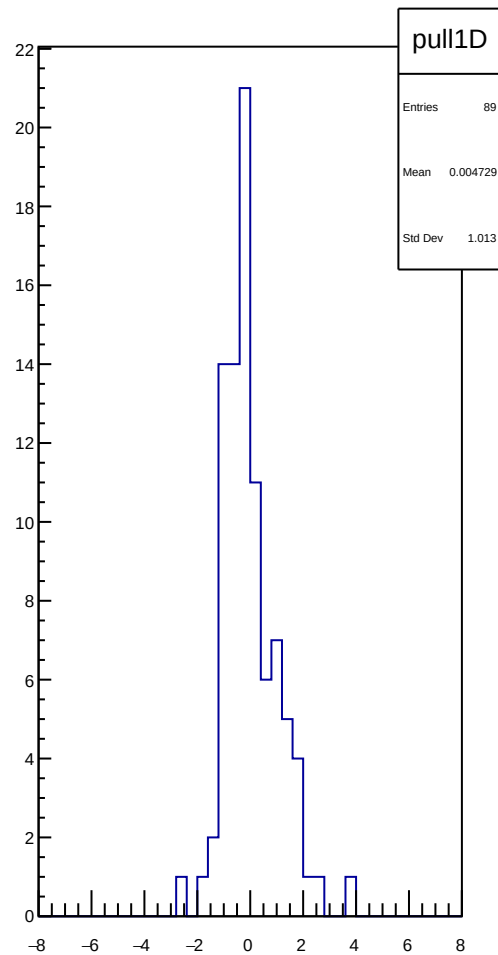
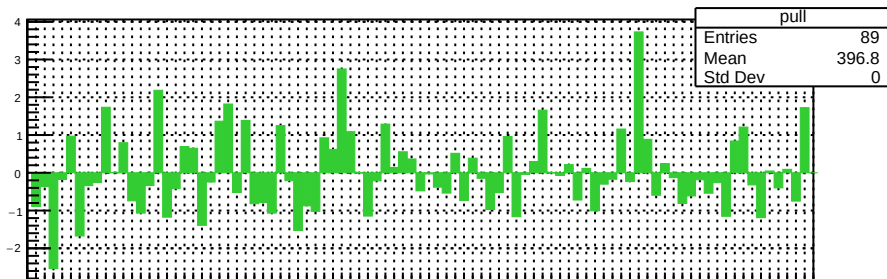
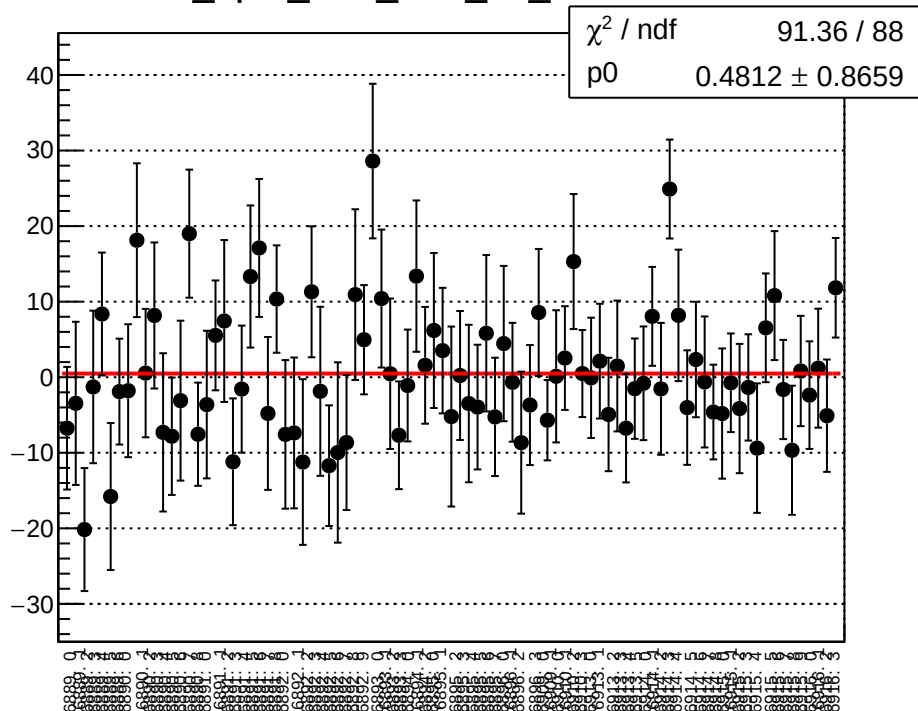
diff_bpm_4aY_4eY_avg_mean vs run



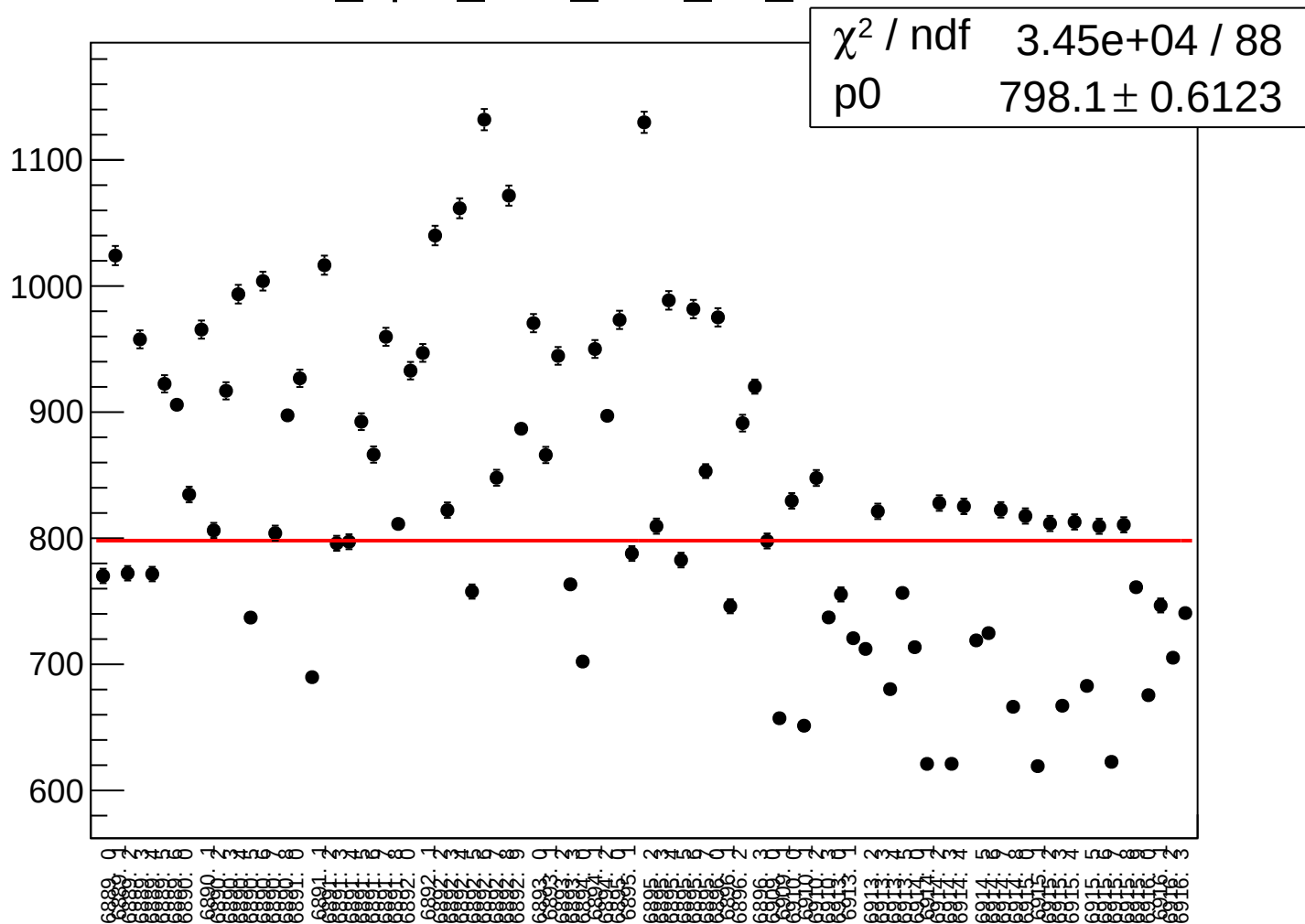
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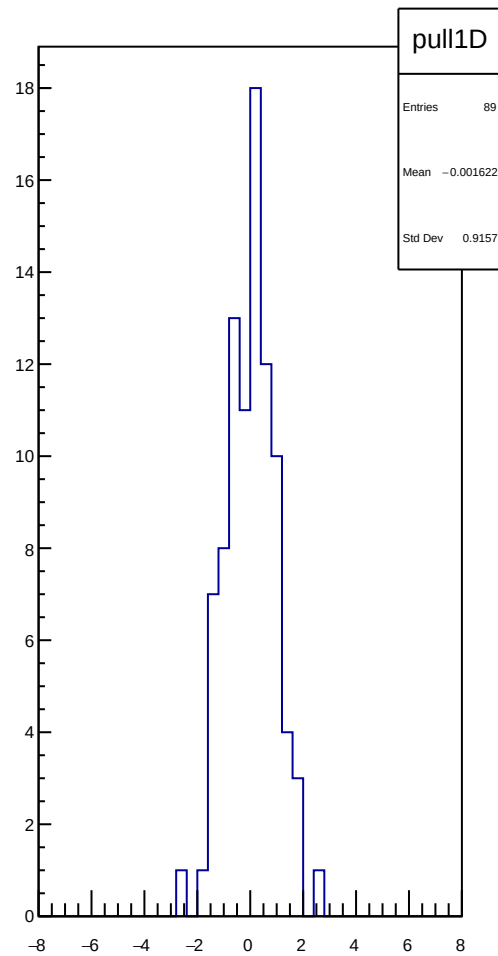
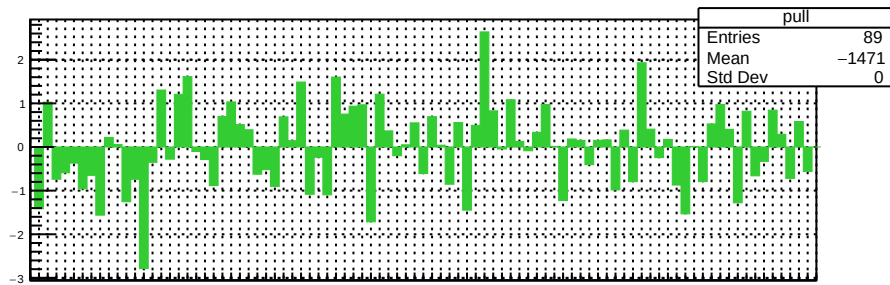
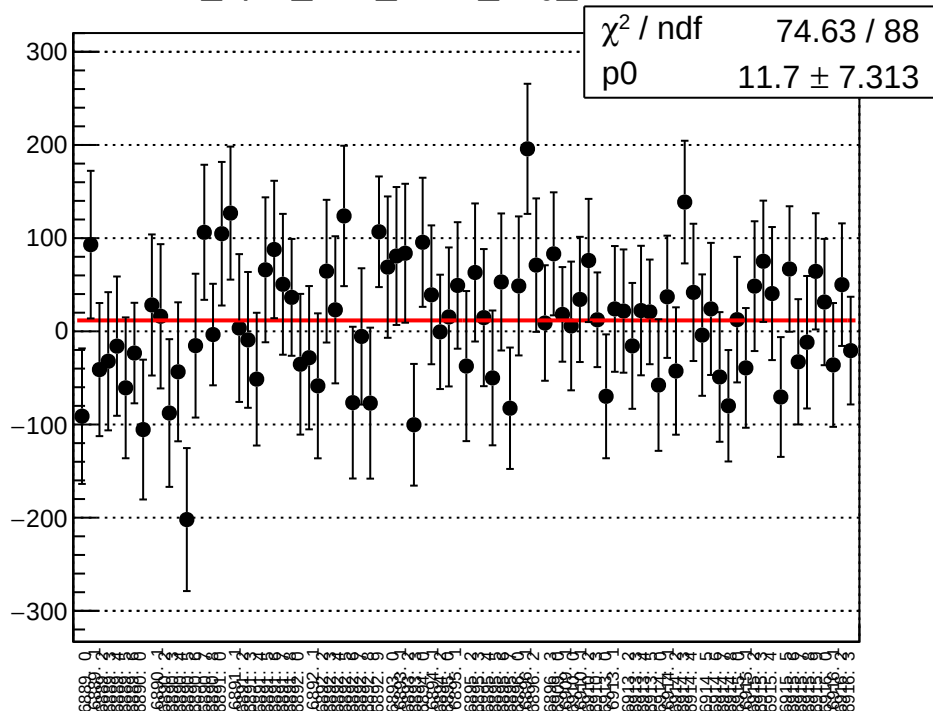
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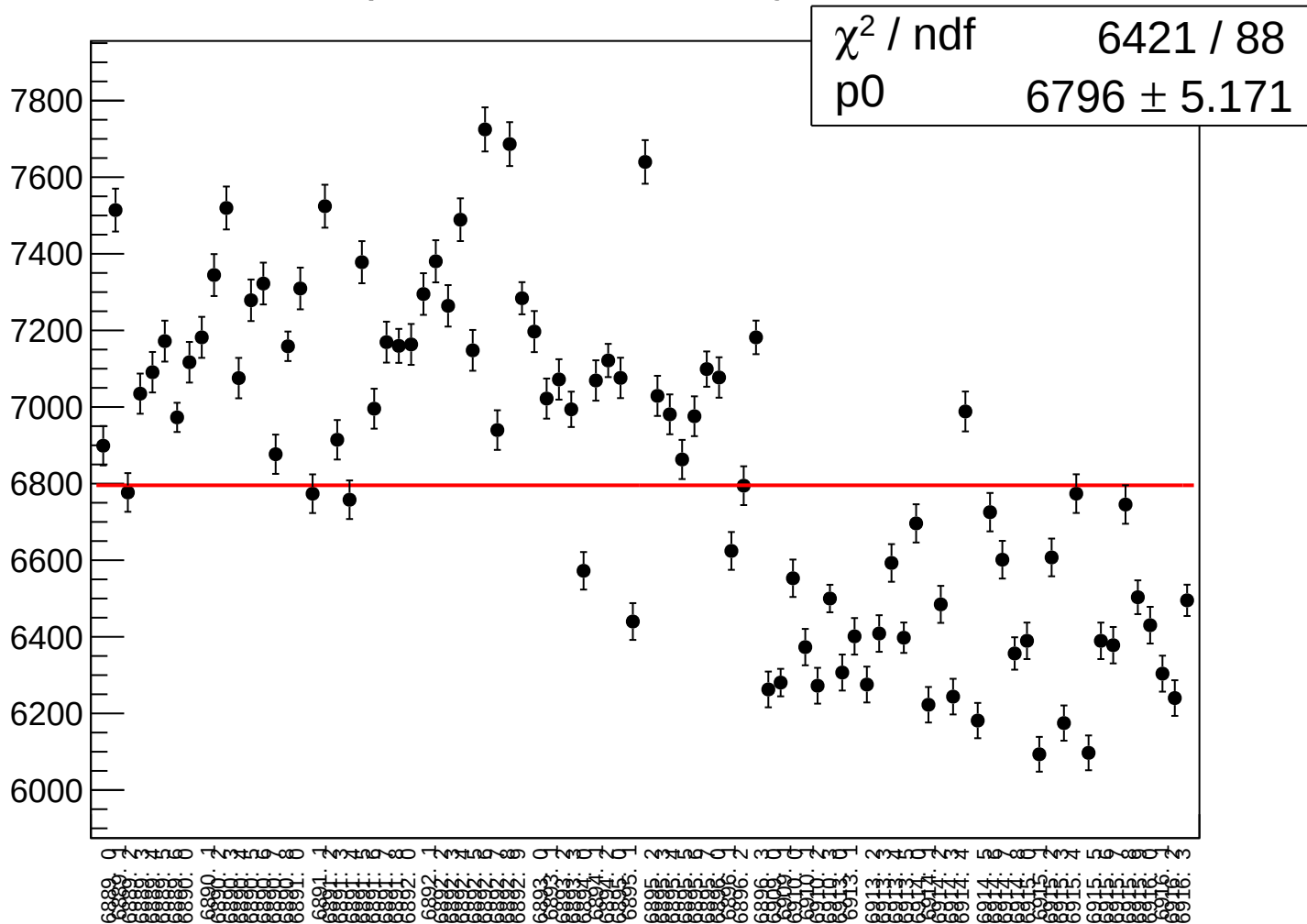
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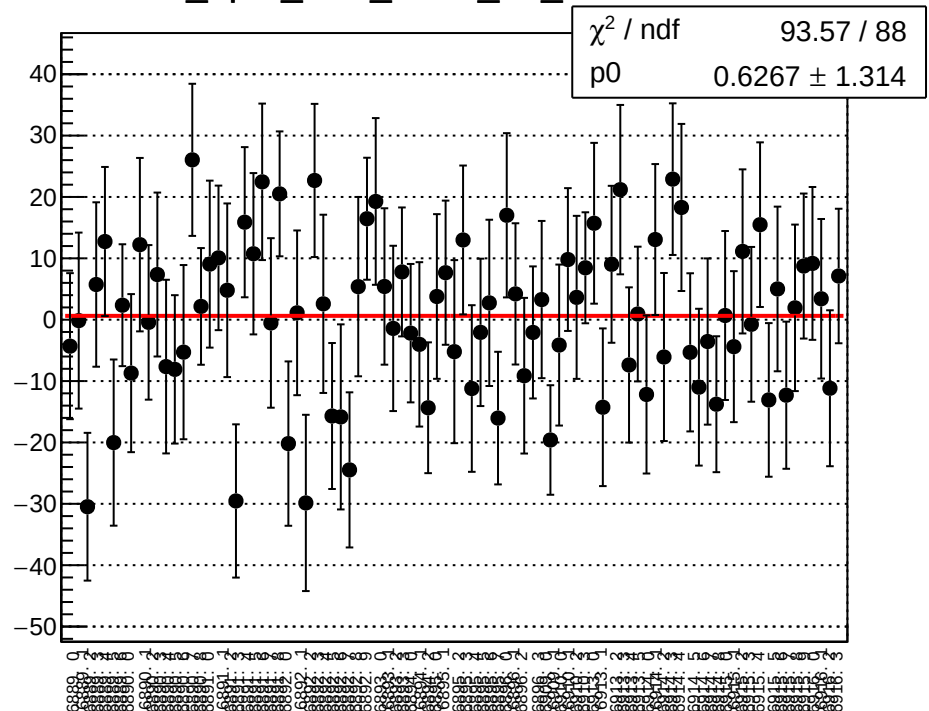
diff_bpm_4aY_4ecY_avg_mean vs run



diff_bpm_4aY_4ecY_avg_rms vs run

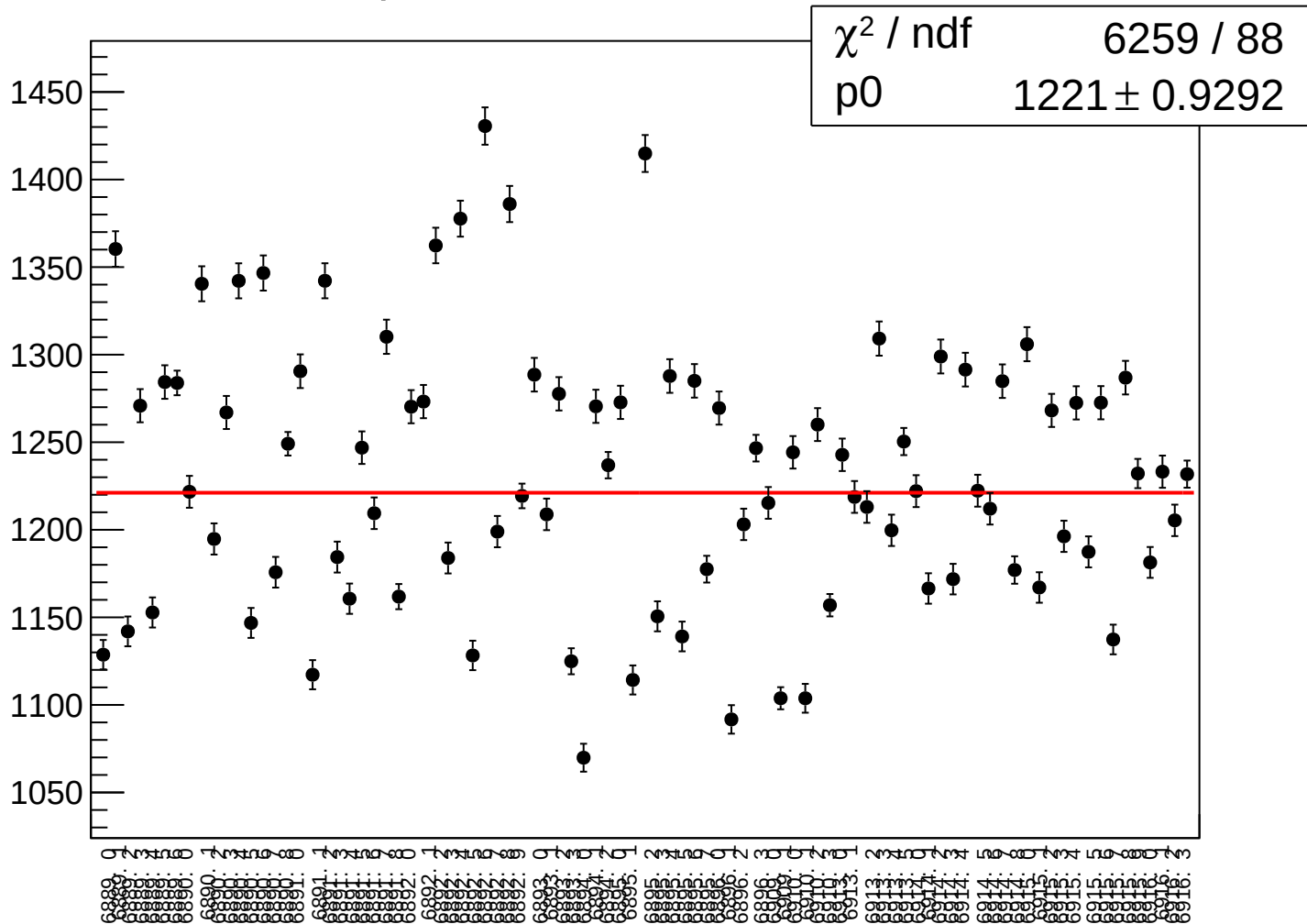


diff_bpm_4aY_4ecY_dd_mean vs run

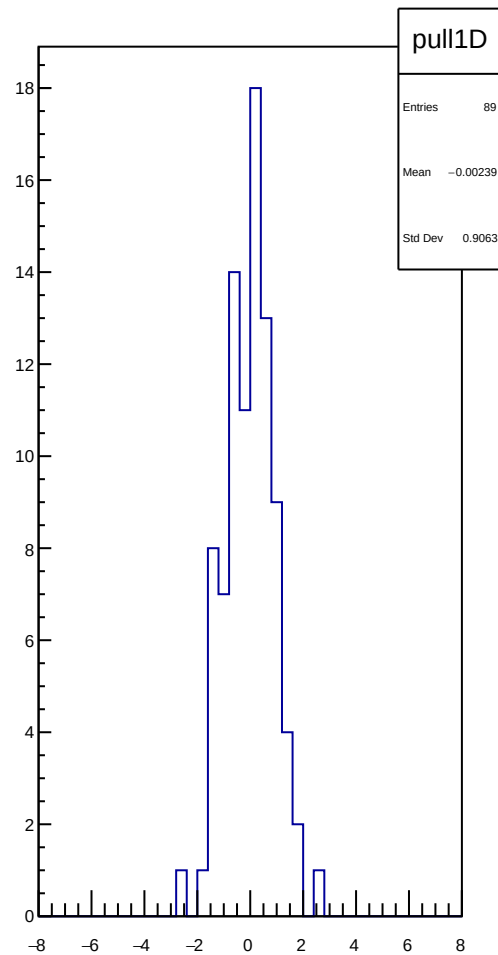
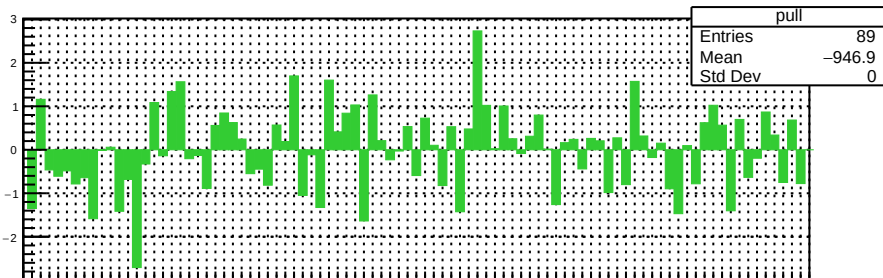
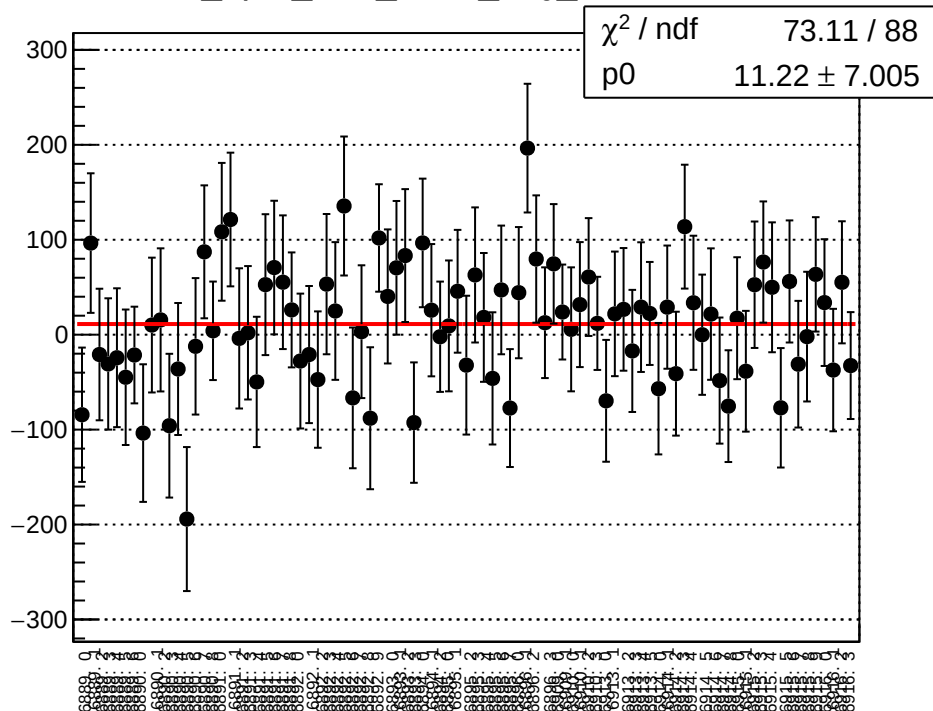


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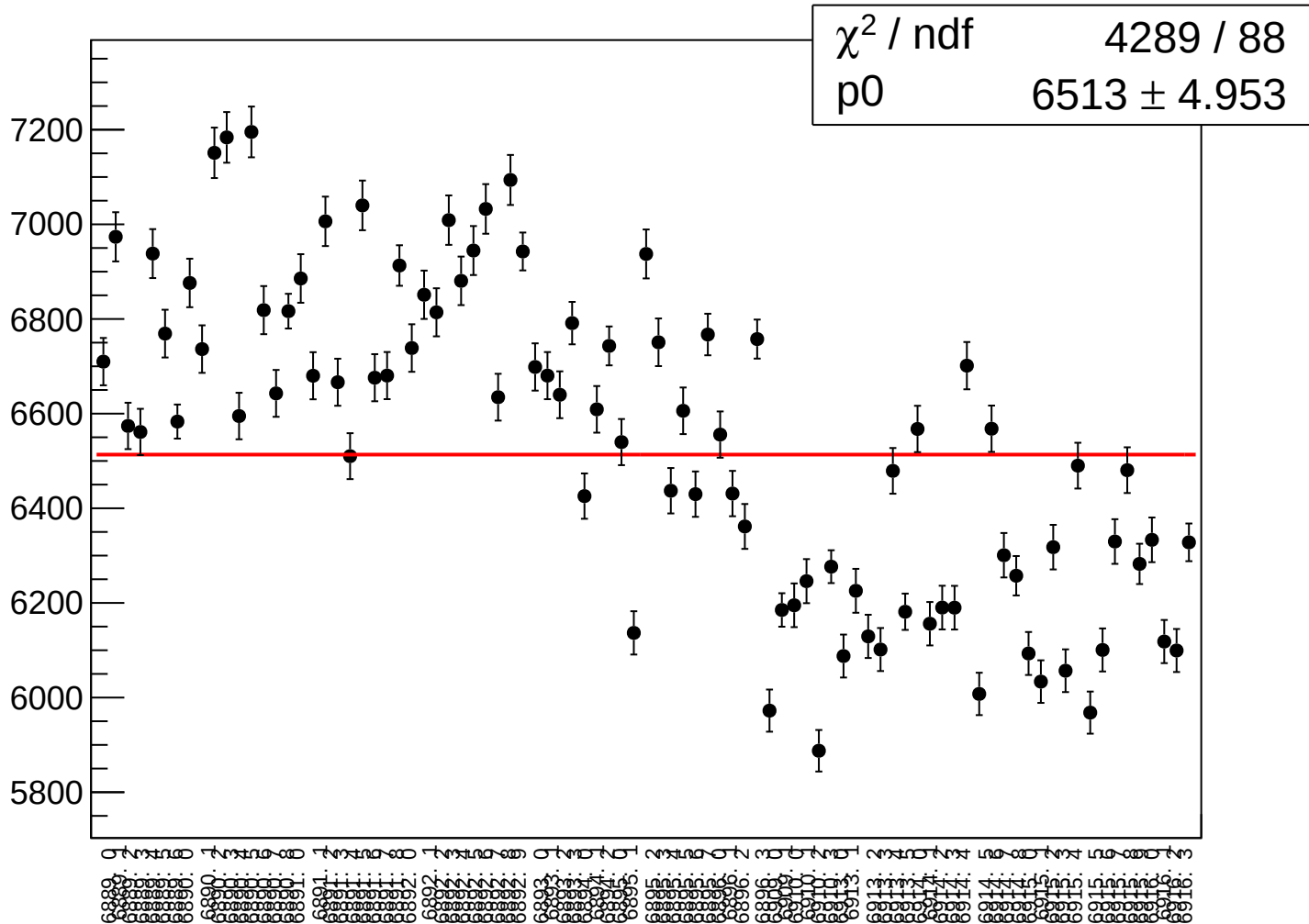
diff_bpm_4aY_4ecY_dd_rms vs run



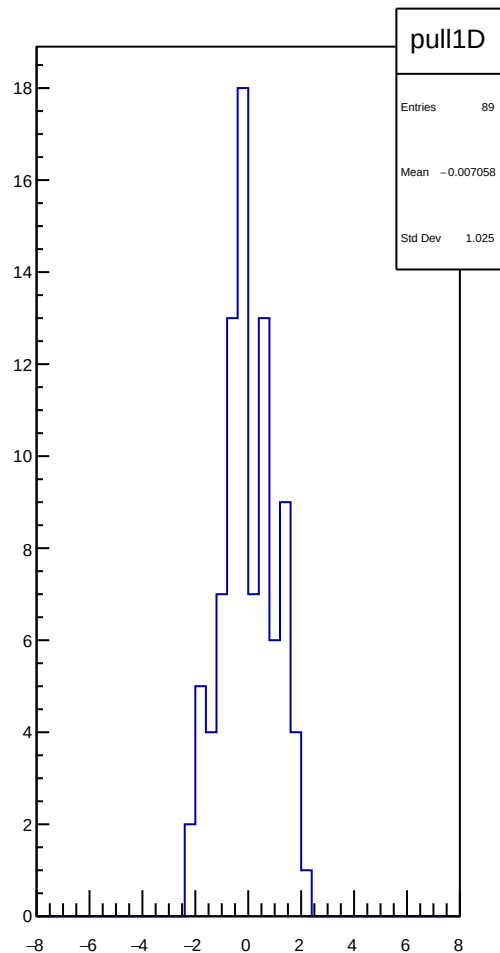
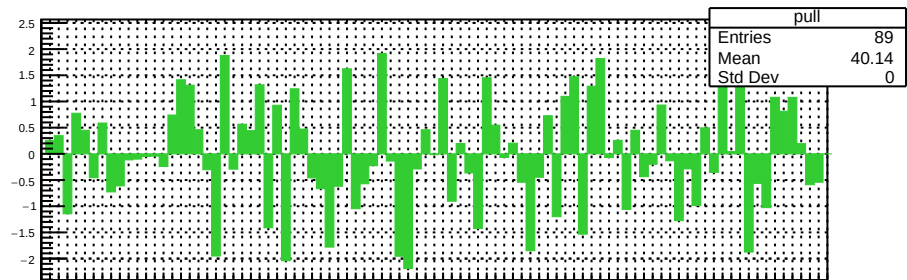
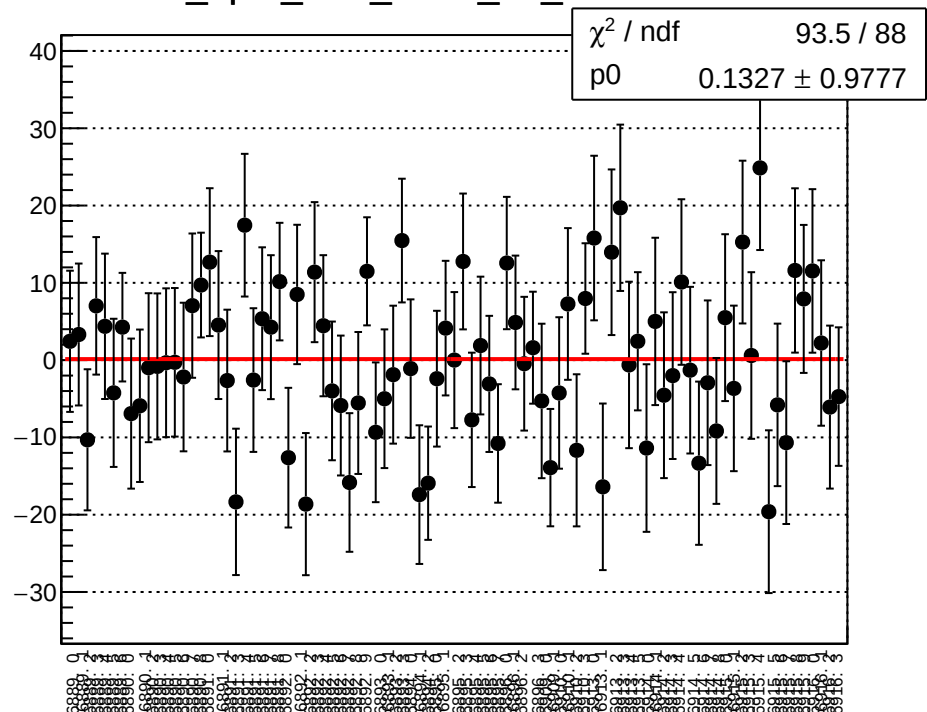
diff_bpm_4eY_4ecY_avg_mean vs run



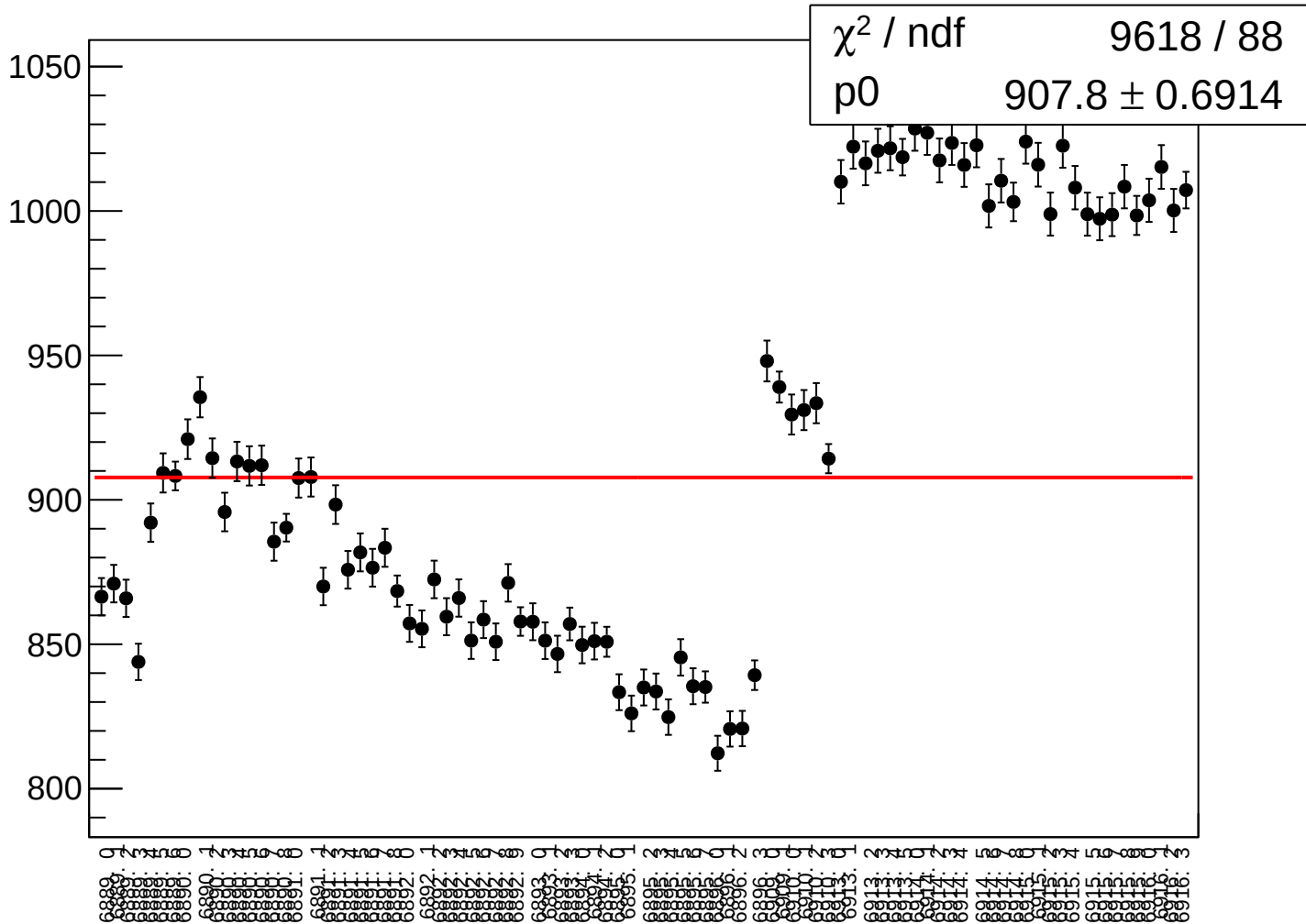
diff_bpm_4eY_4ecY_avg_rms vs run



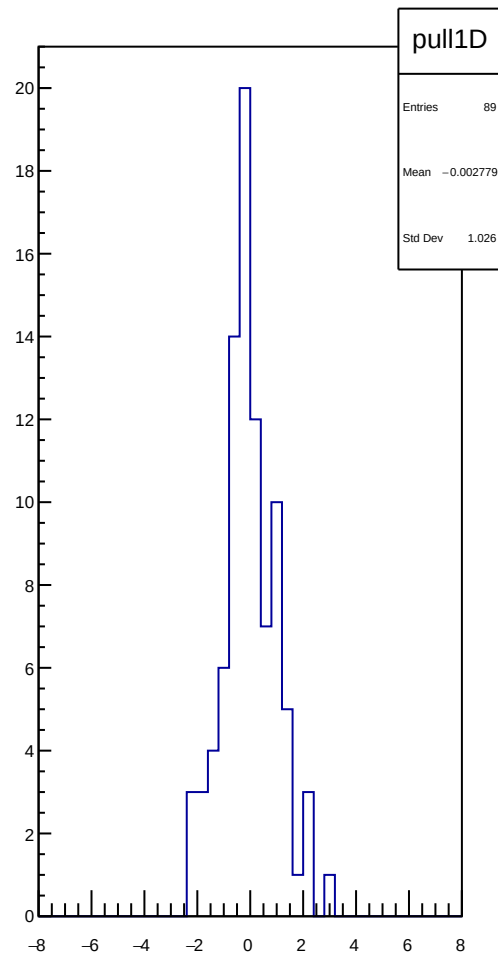
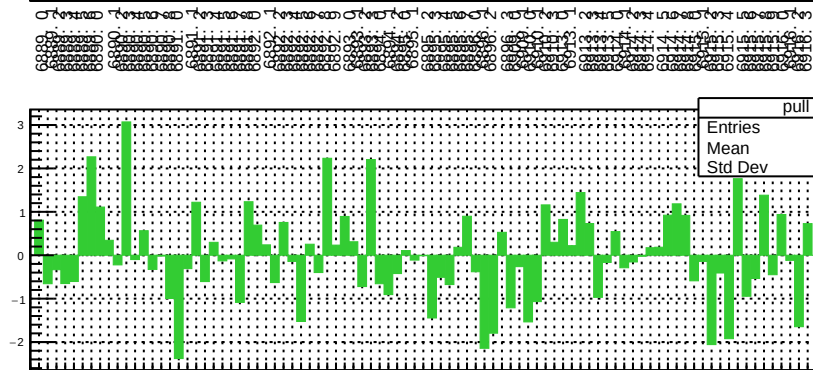
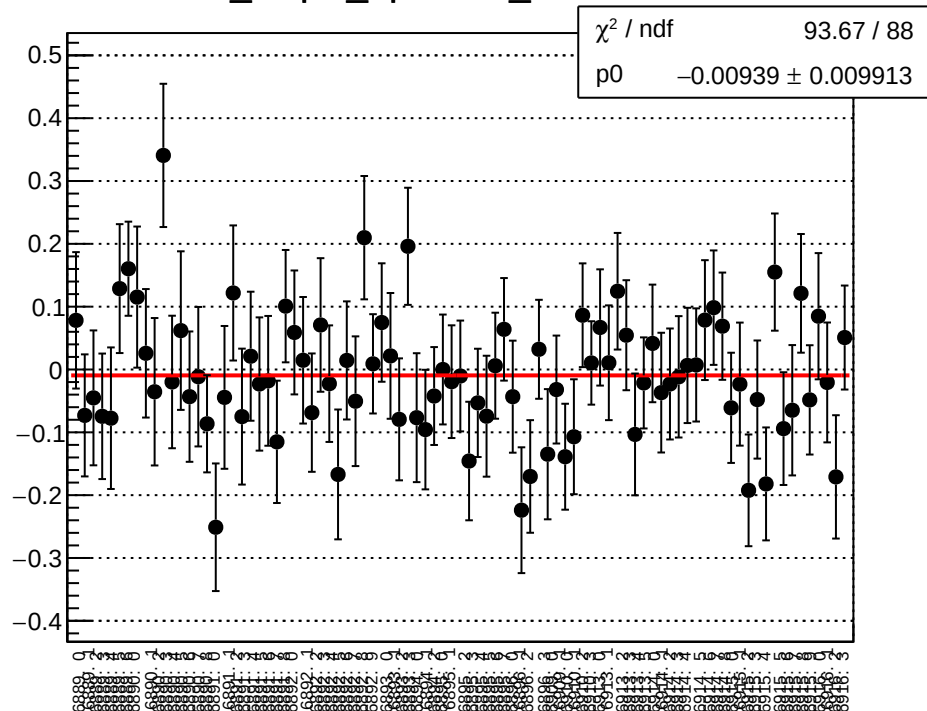
diff_bpm_4eY_4ecY_dd_mean vs run



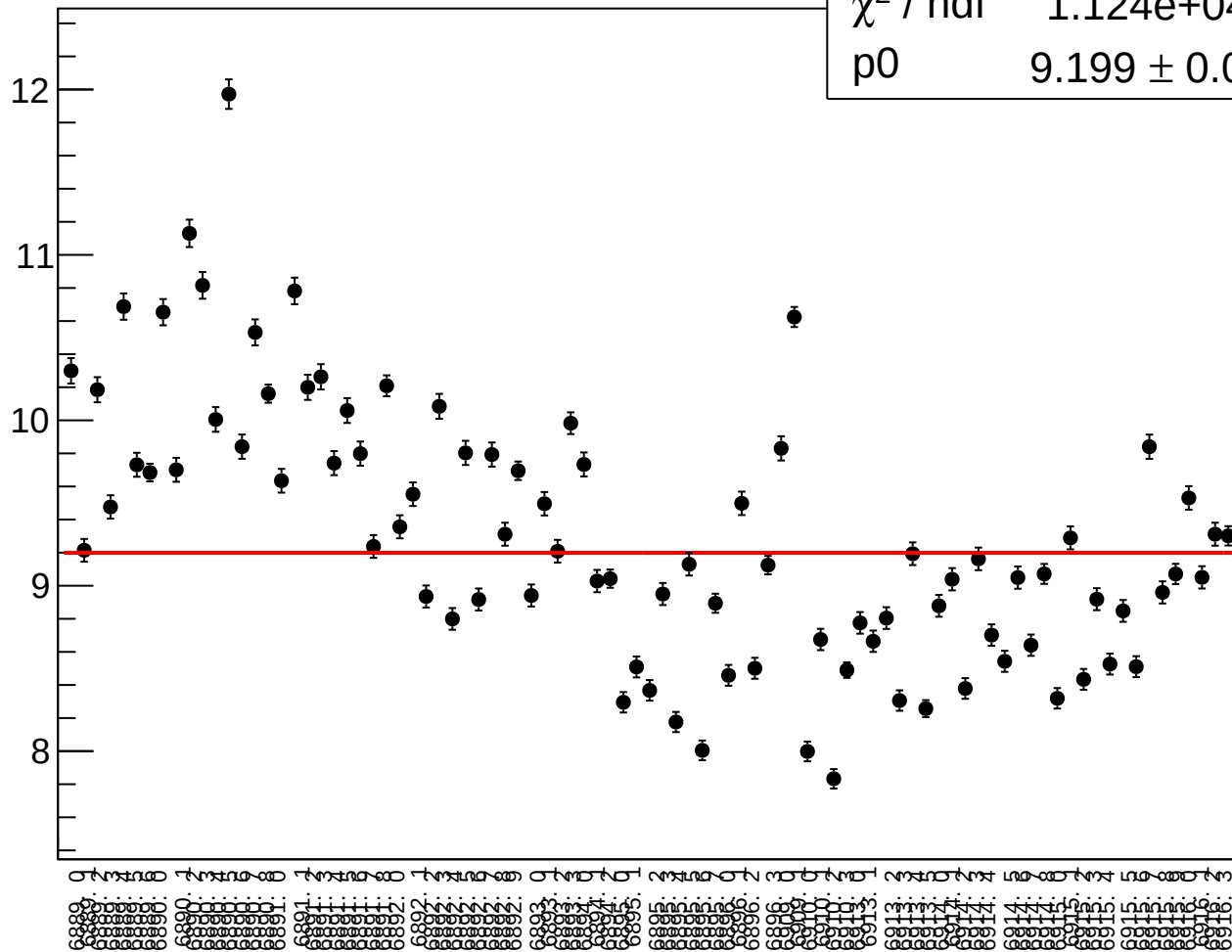
diff_bpm_4eY_4ecY_dd_rms vs run



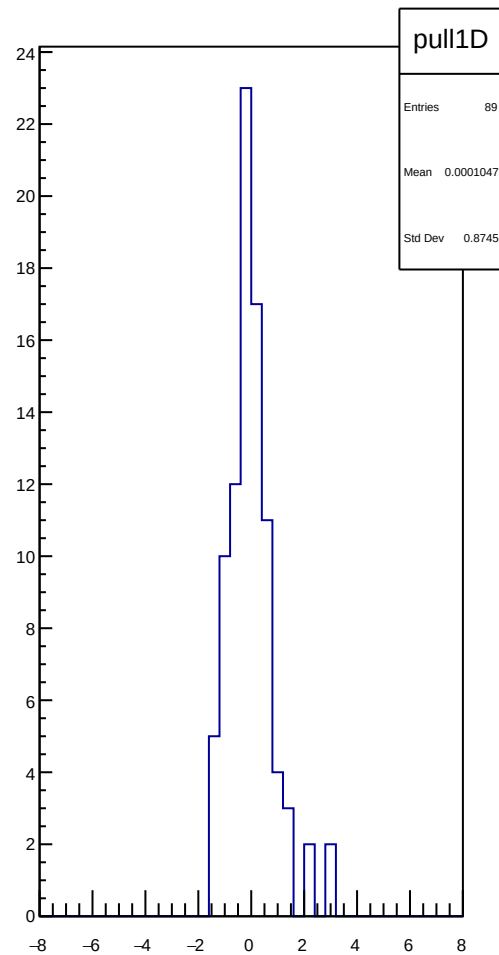
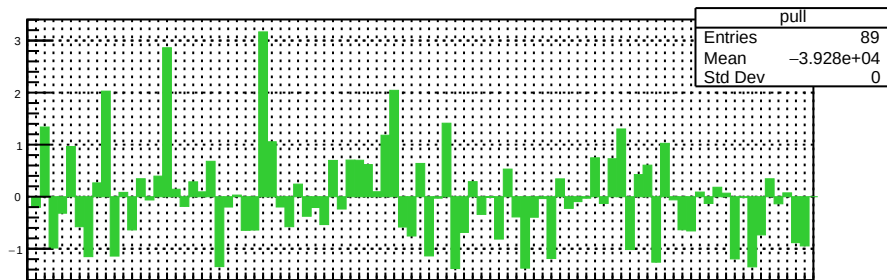
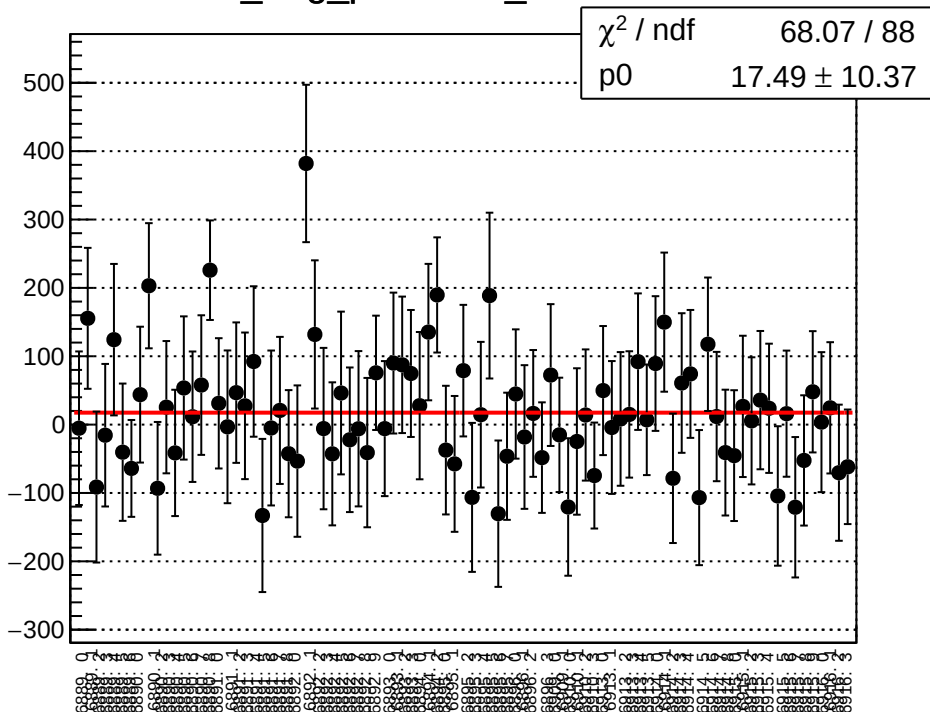
diff_dispE_bpm12X_mean vs run



χ^2 / ndf	1.124e+04 / 88
p0	9.199 ± 0.00701



diff_targ_positionX_mean vs run



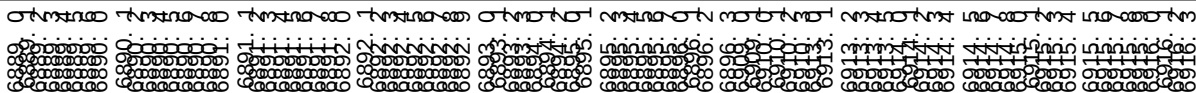
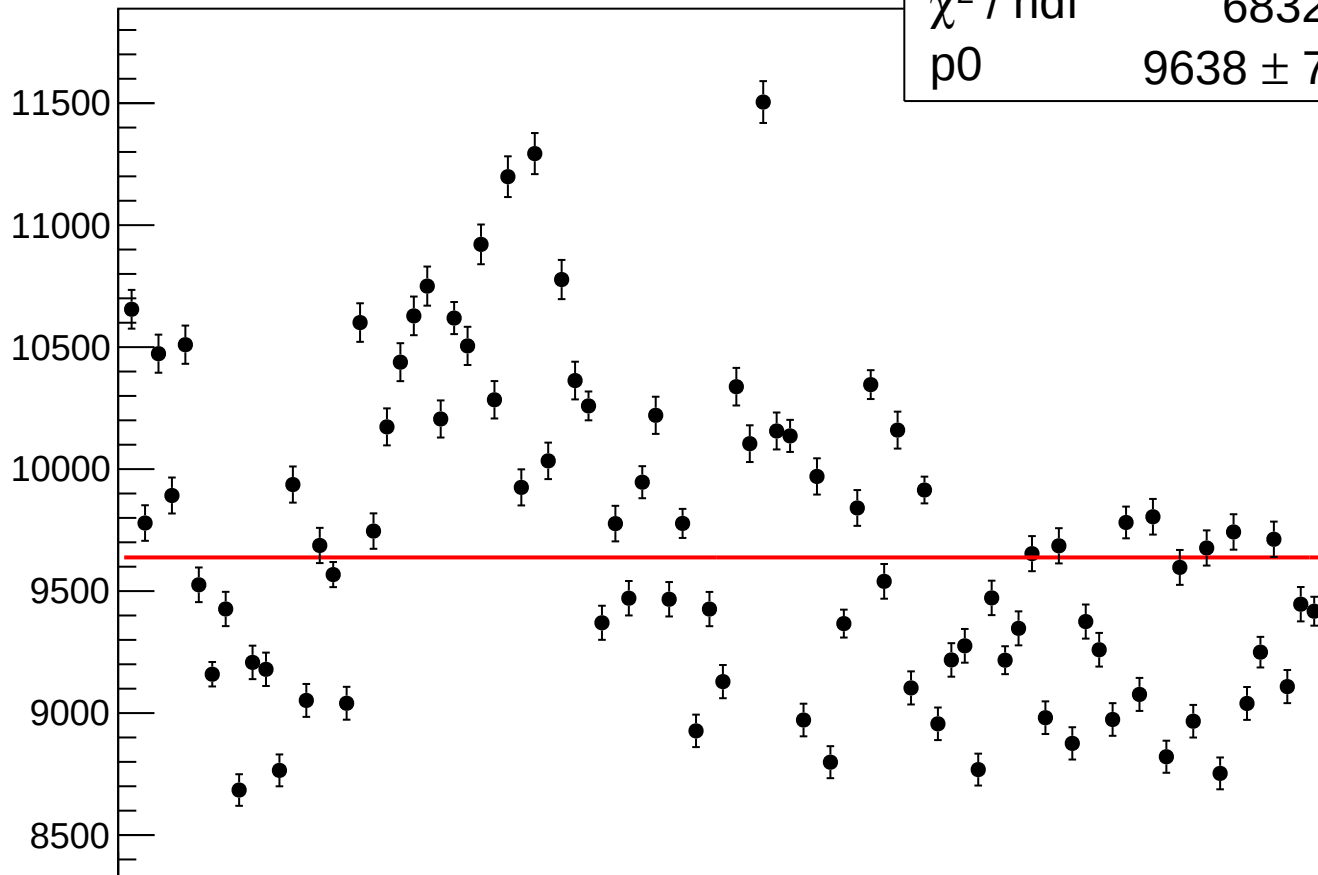
diff_targ_positionX_rms vs run

χ^2 / ndf

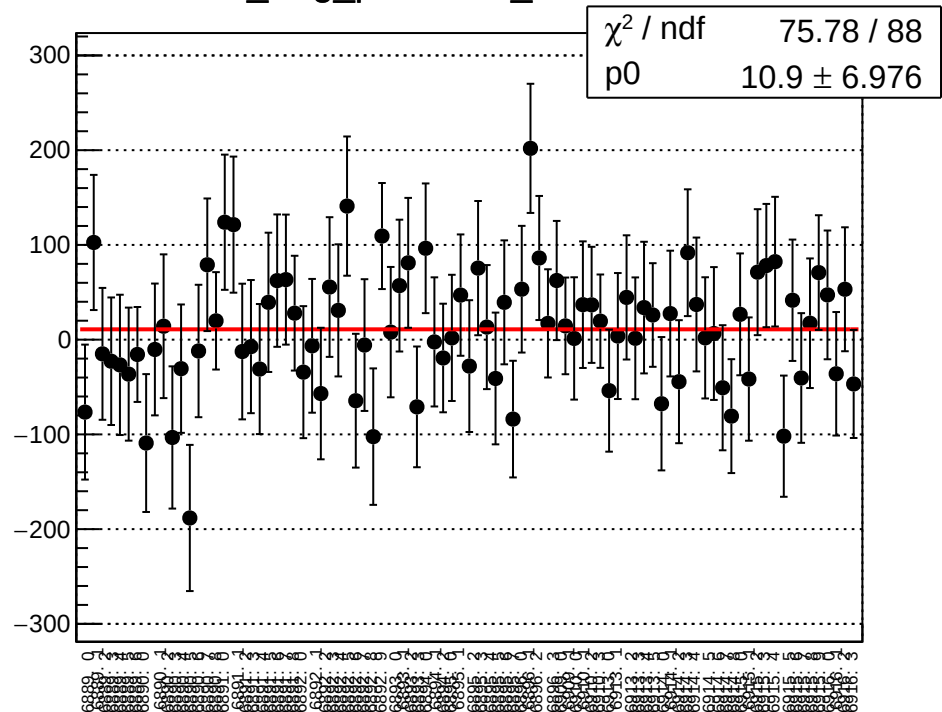
6832 / 88

p0

9638 ± 7.335

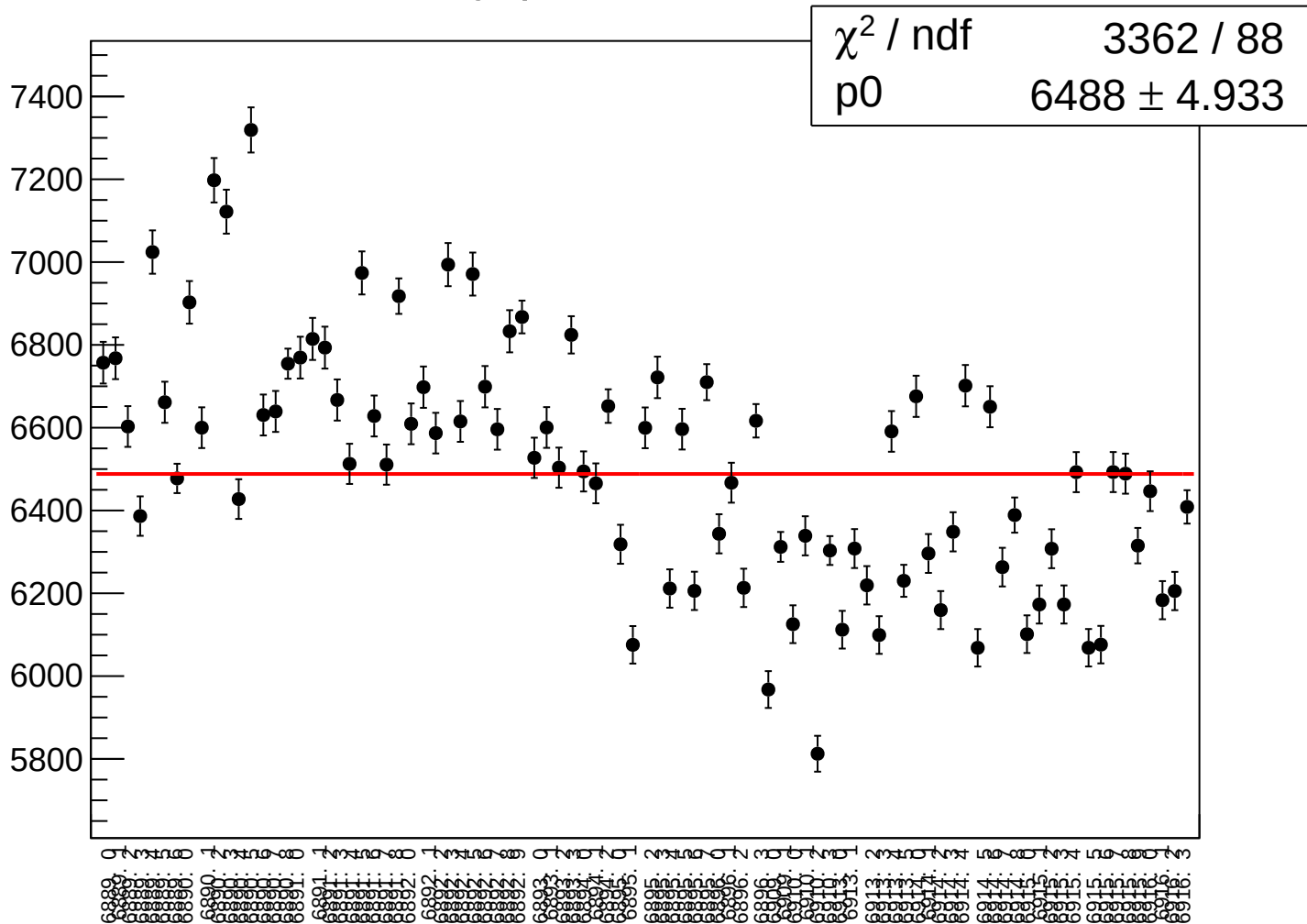


diff_targ_positionY_mean vs run

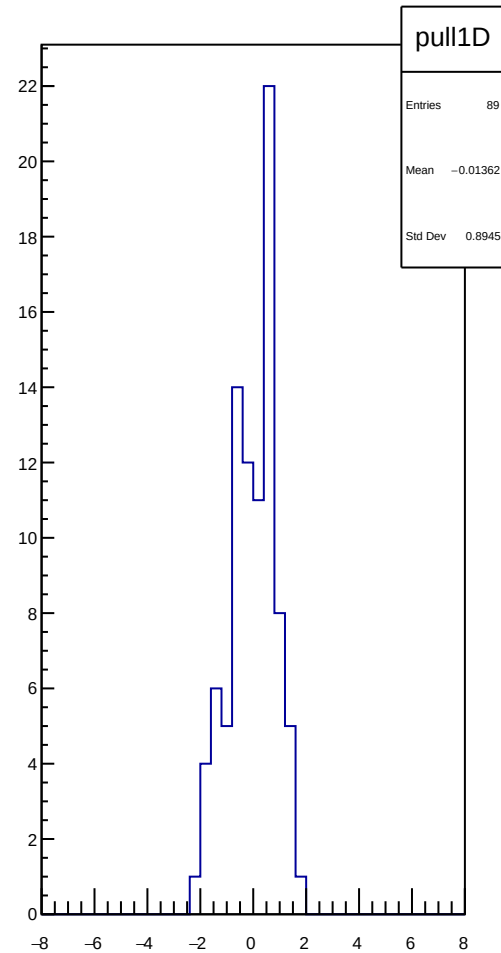
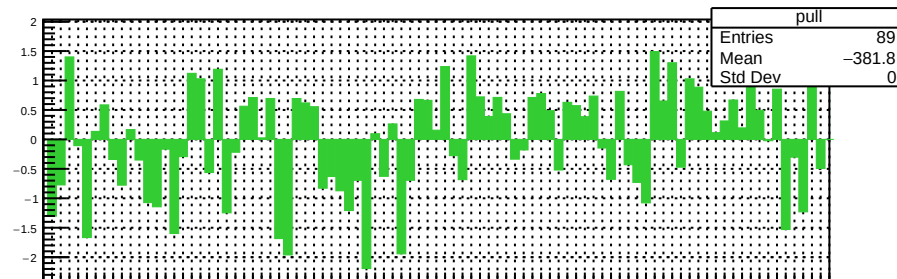
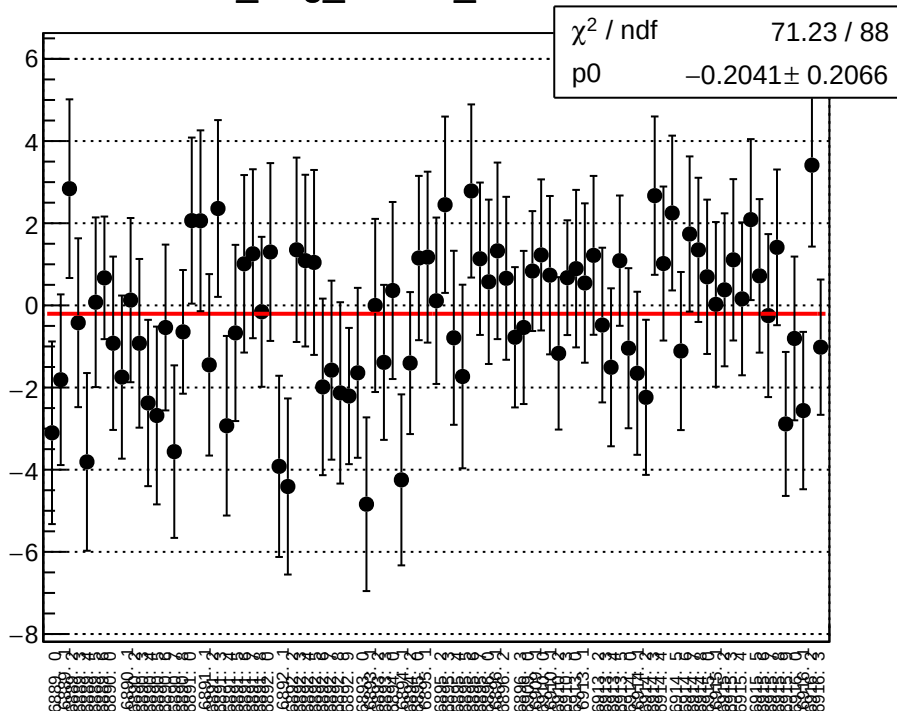


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diff_targ_positionY_rms vs run



diff_targ_thetaX_mean vs run



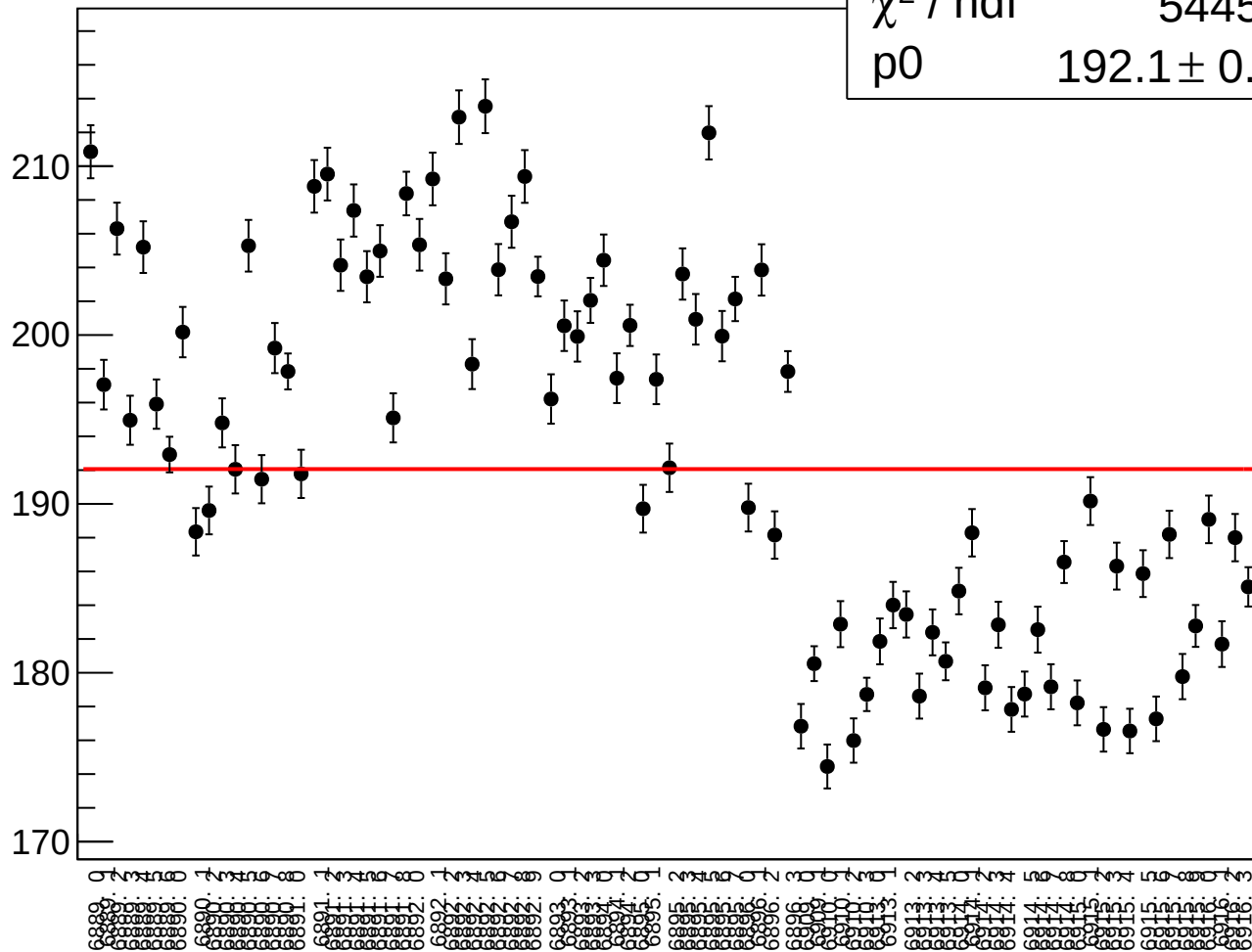
diff_targ_thetaX_rms vs run

χ^2 / ndf

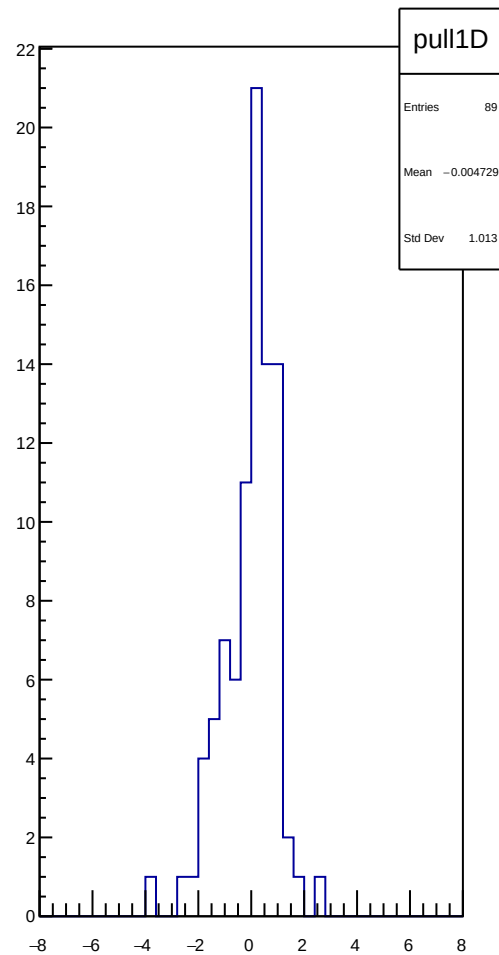
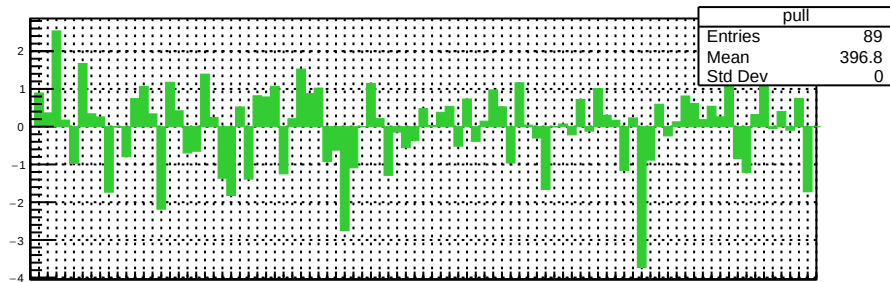
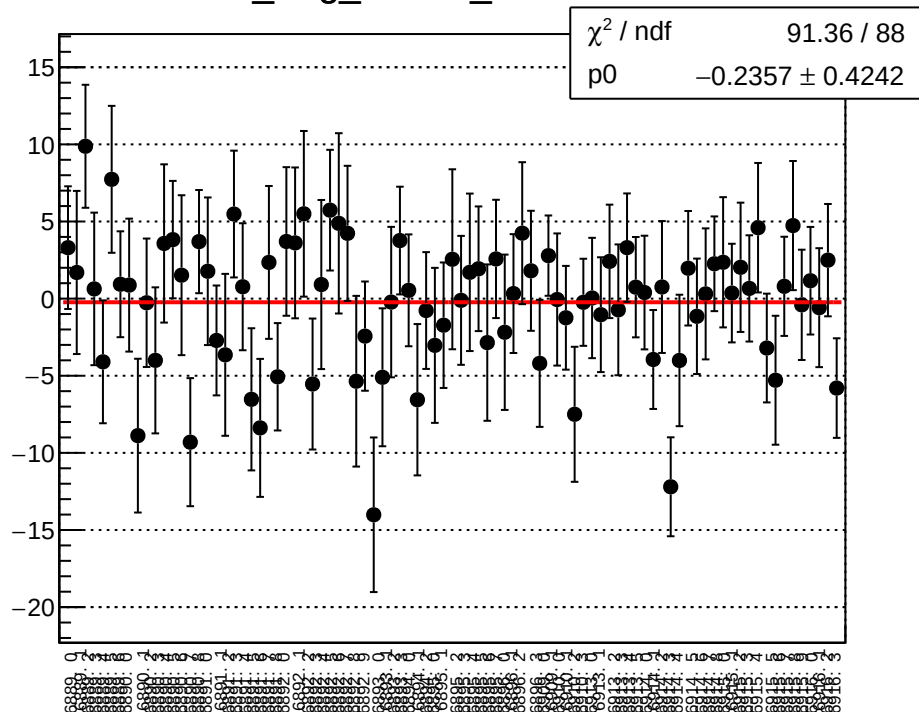
5445 / 88

p0

192.1 ± 0.1461



diff_targ_thetaY_mean vs run



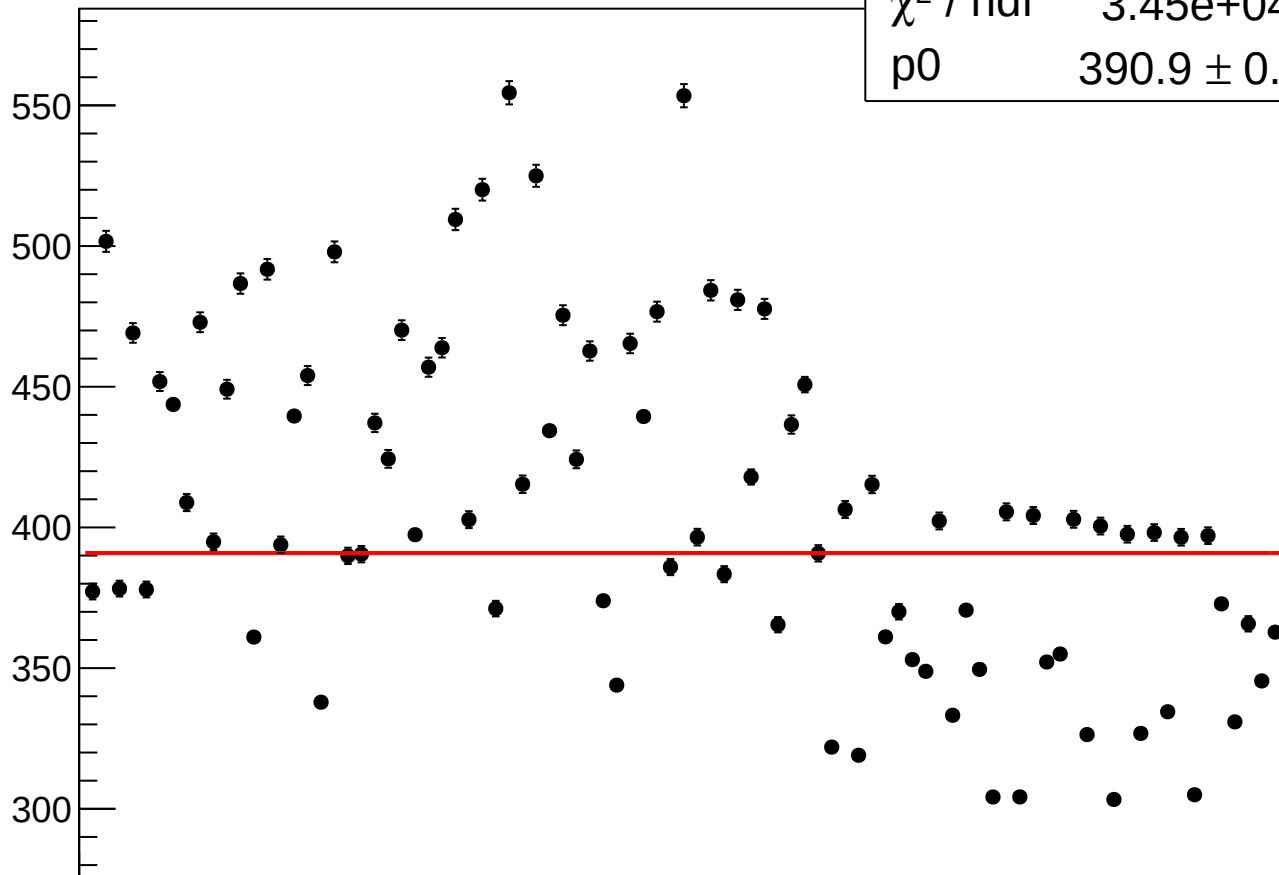
diff_targ_thetaY_rms vs run

χ^2 / ndf

3.45e+04 / 88

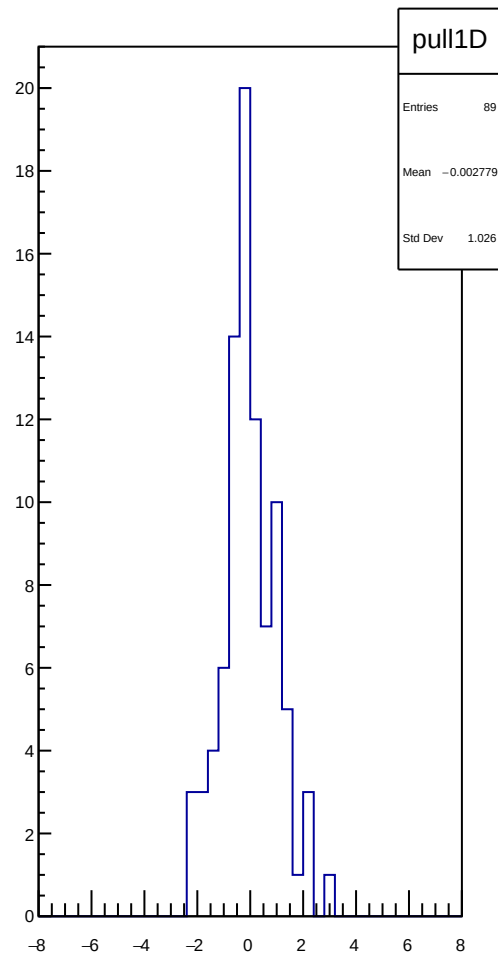
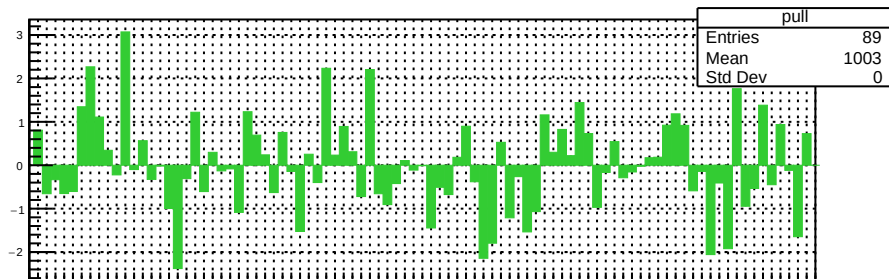
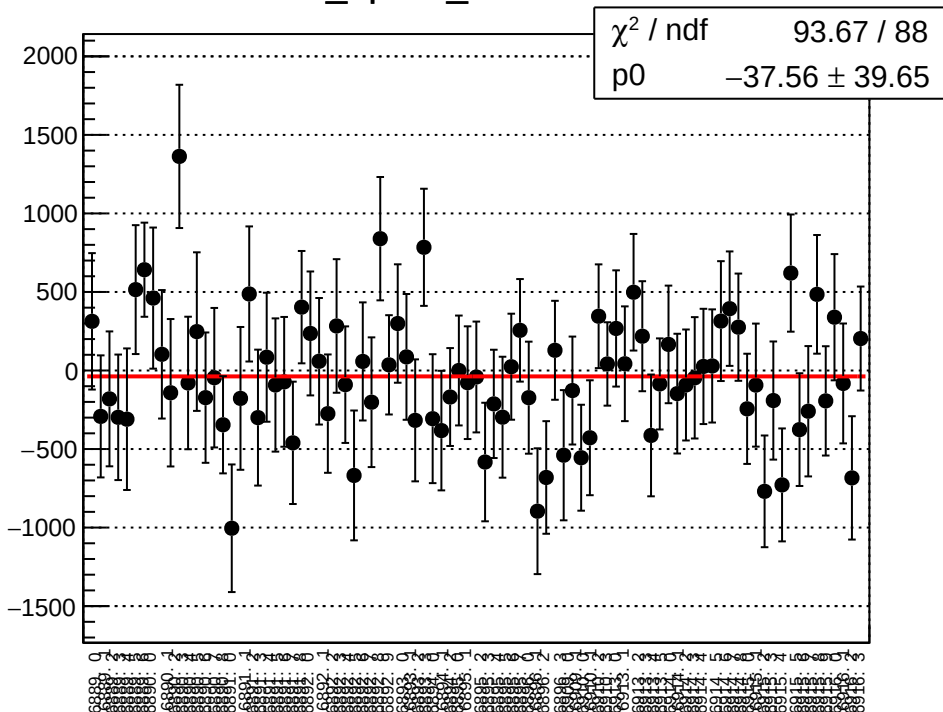
p0

390.9 ± 0.2999

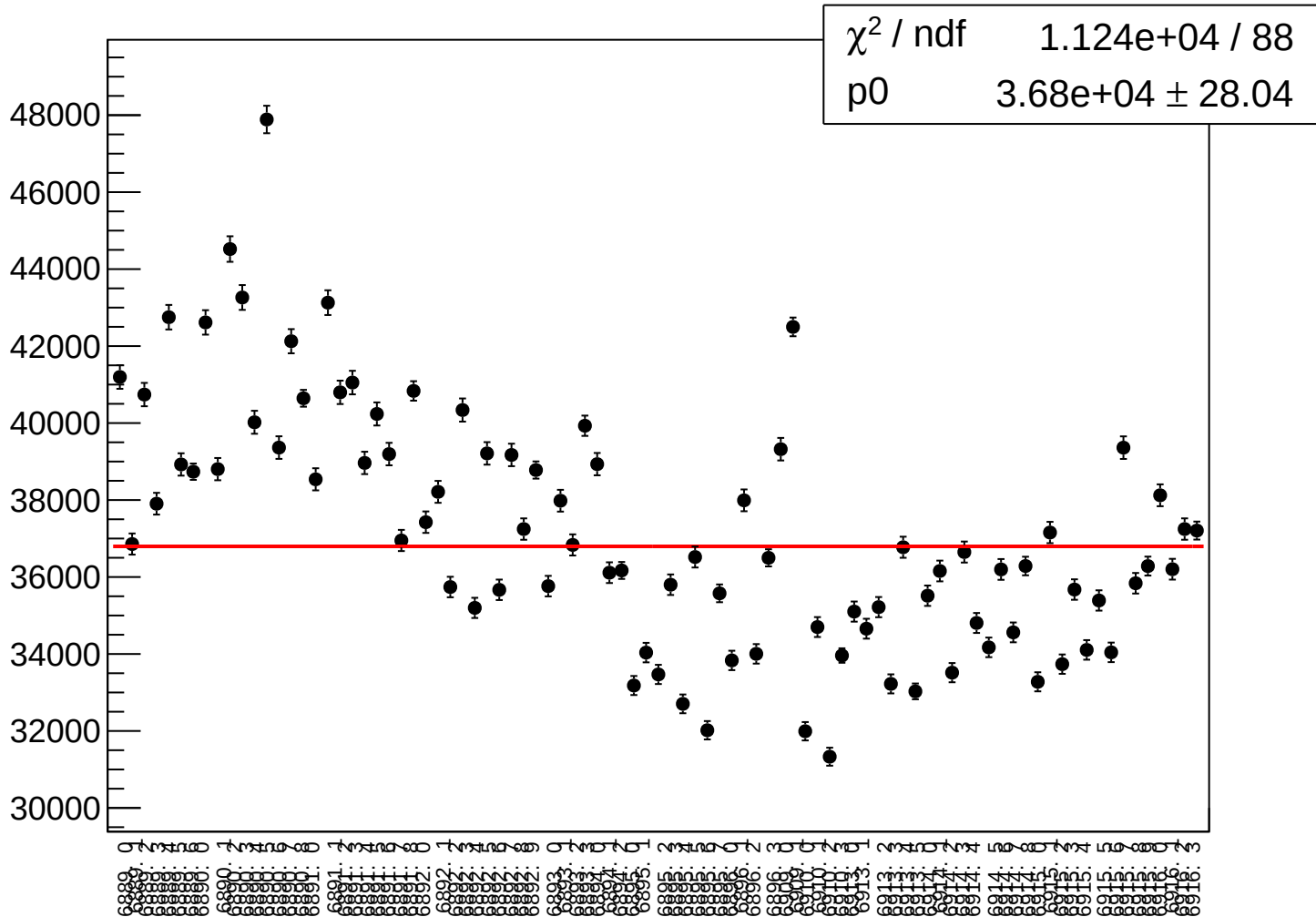


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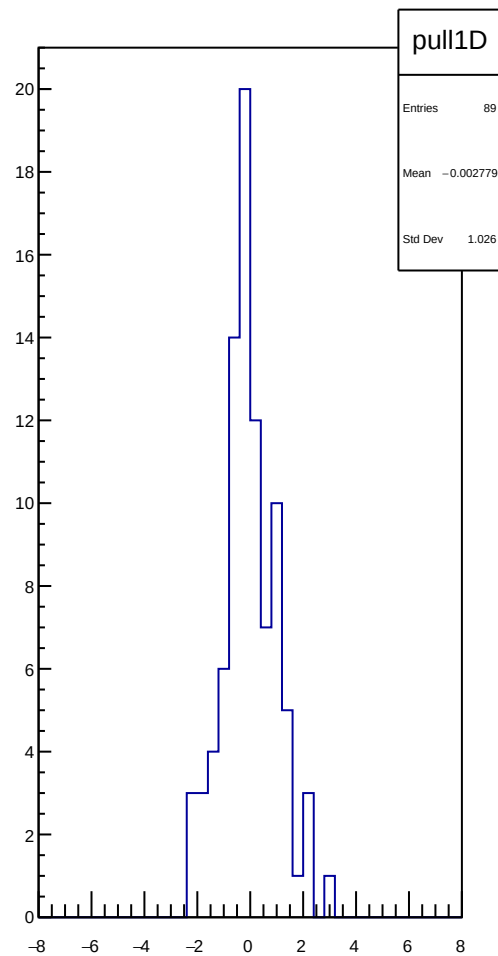
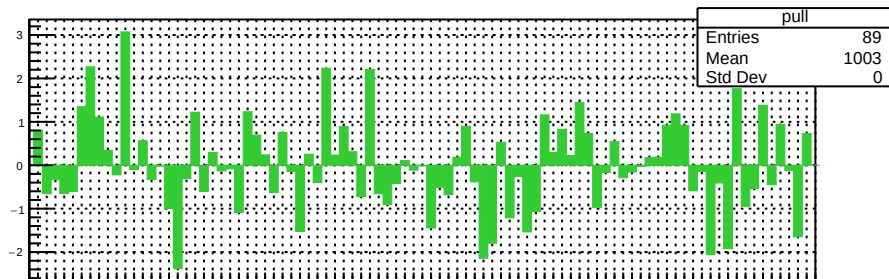
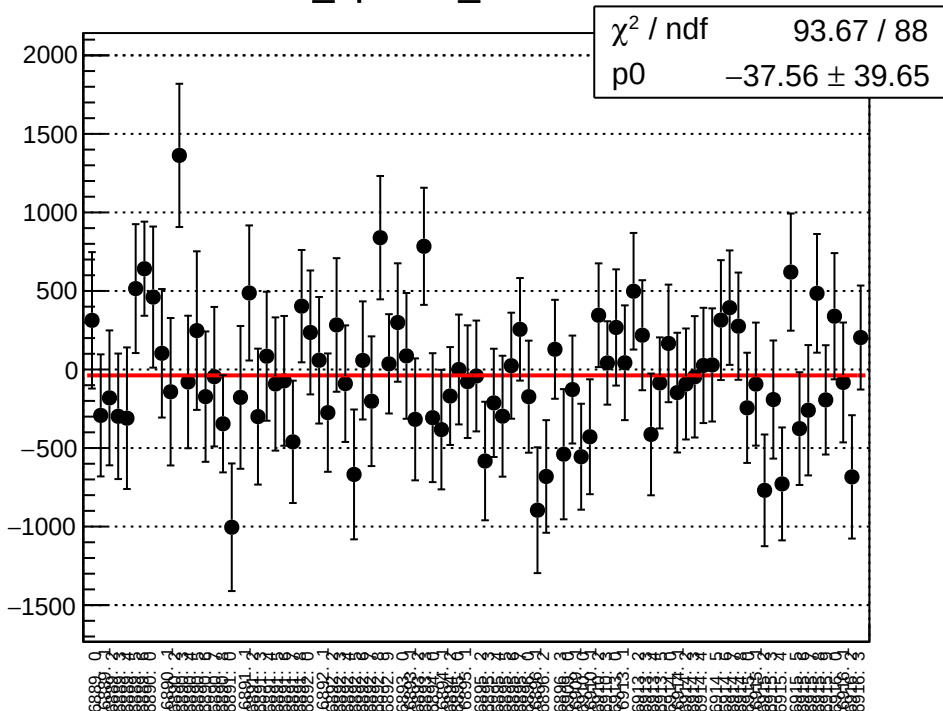
diff_bpmE_mean vs run



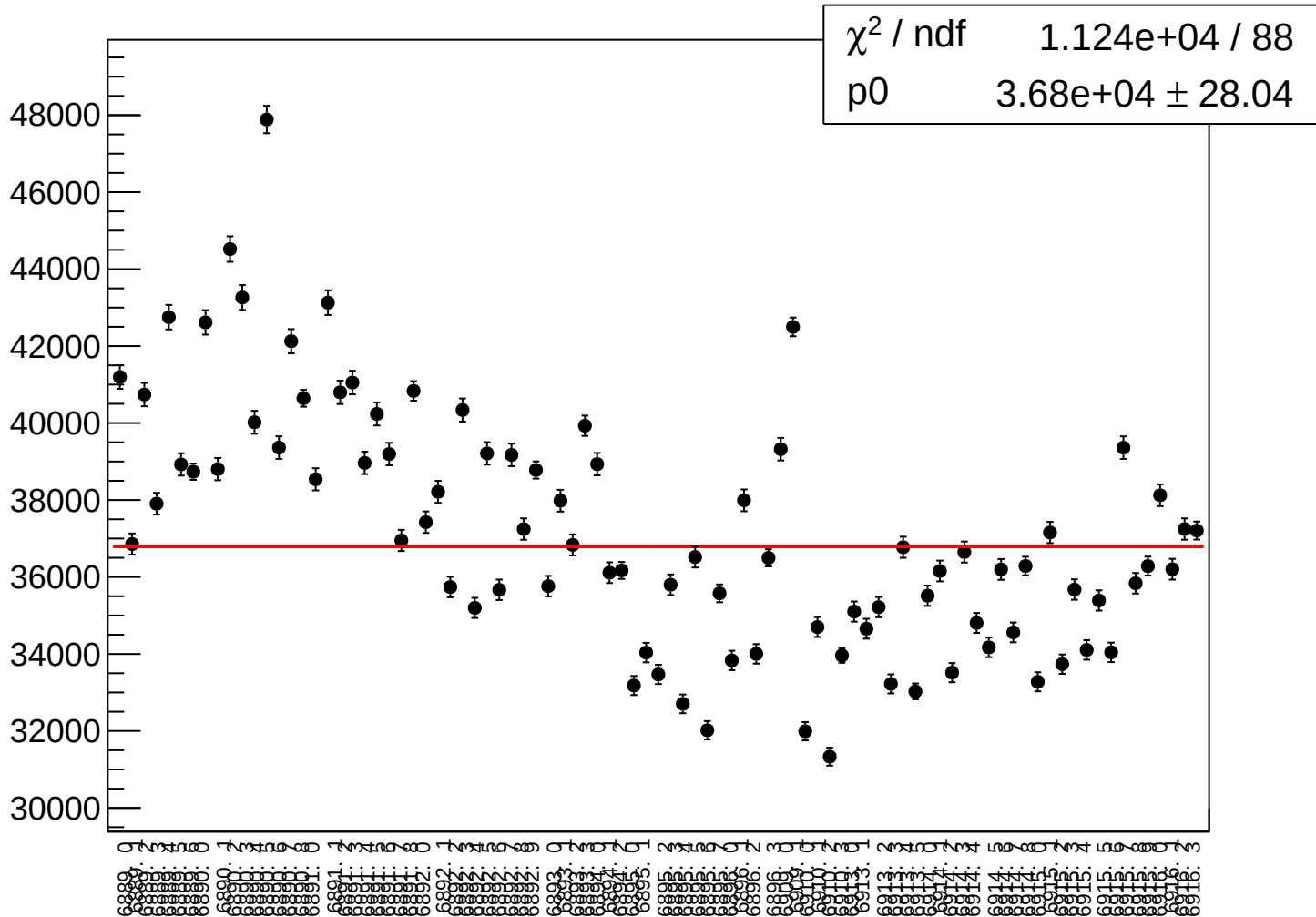
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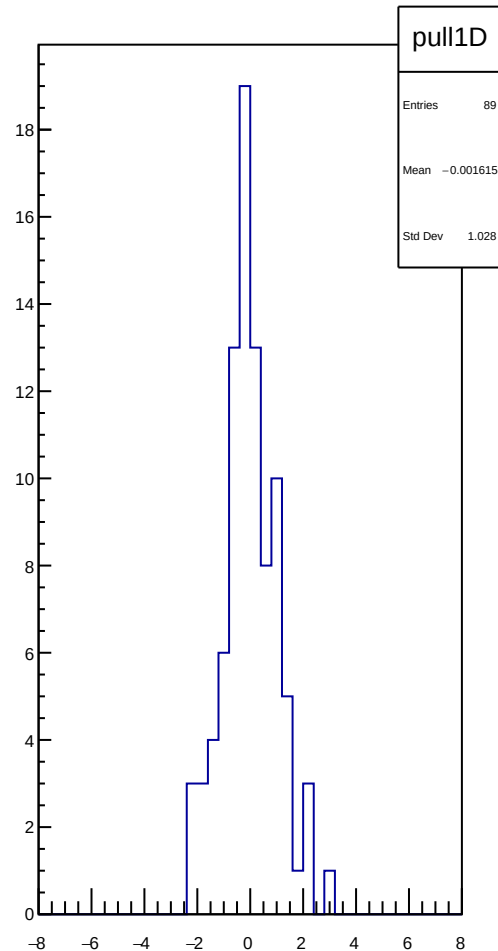
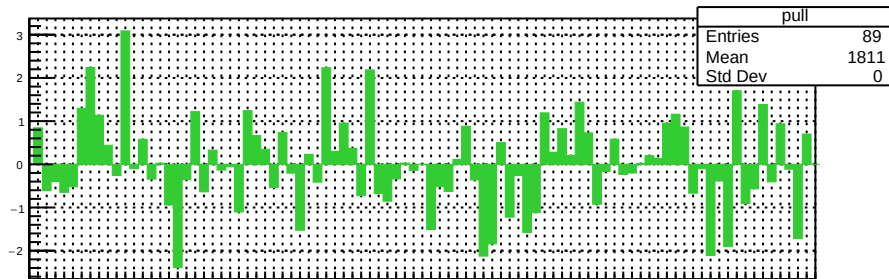
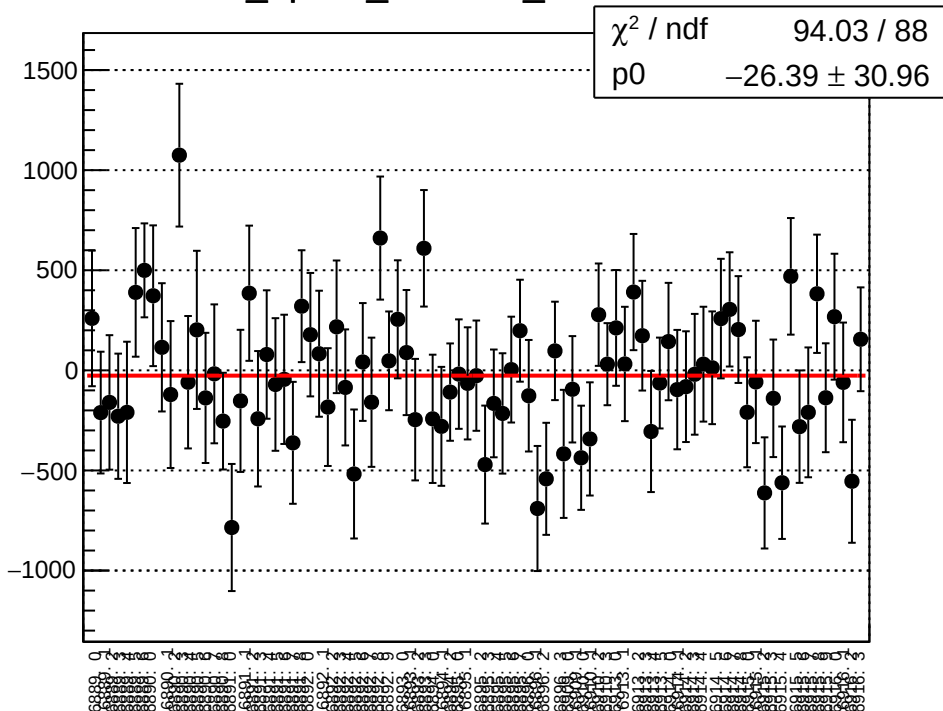
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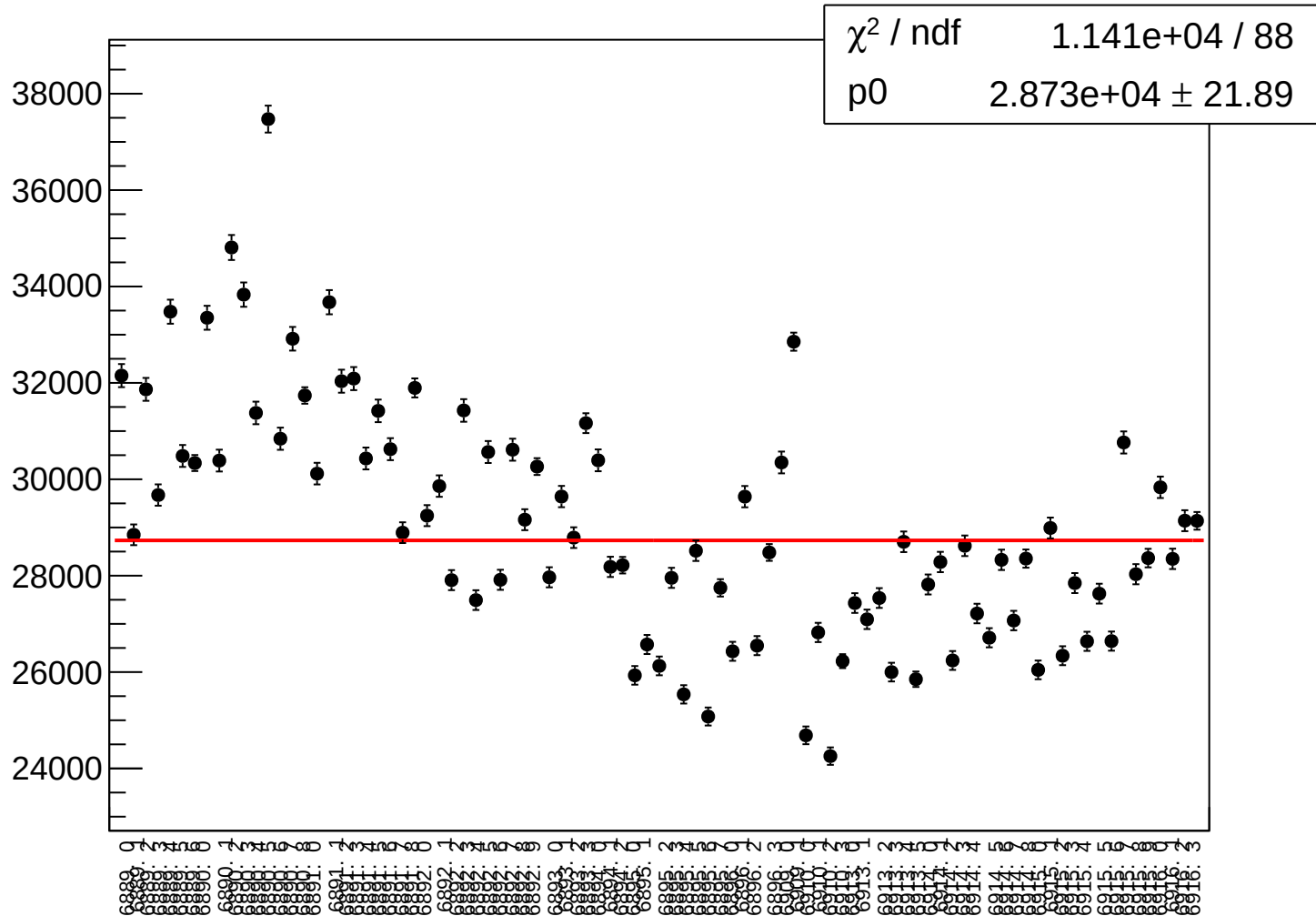
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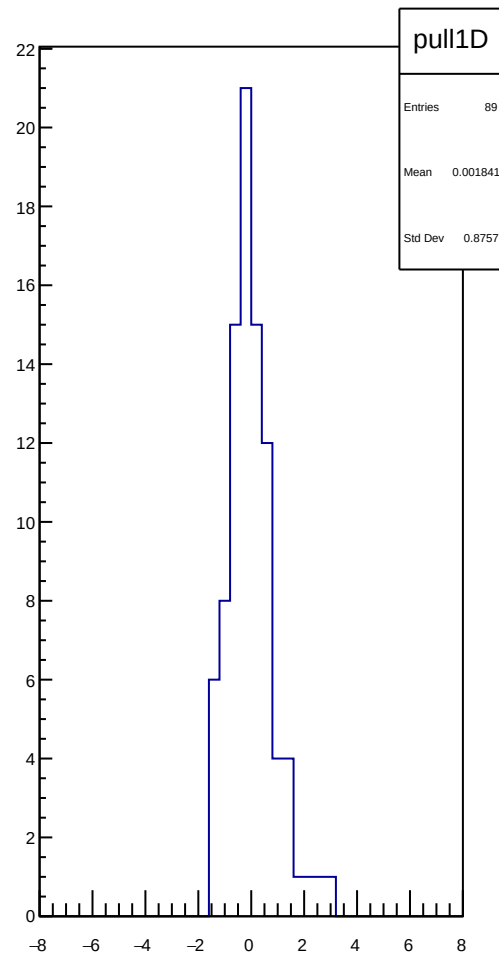
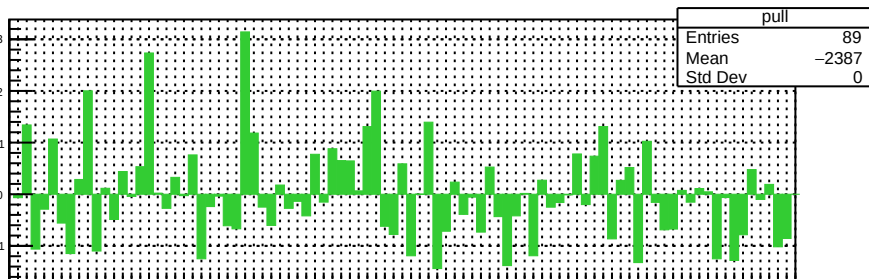
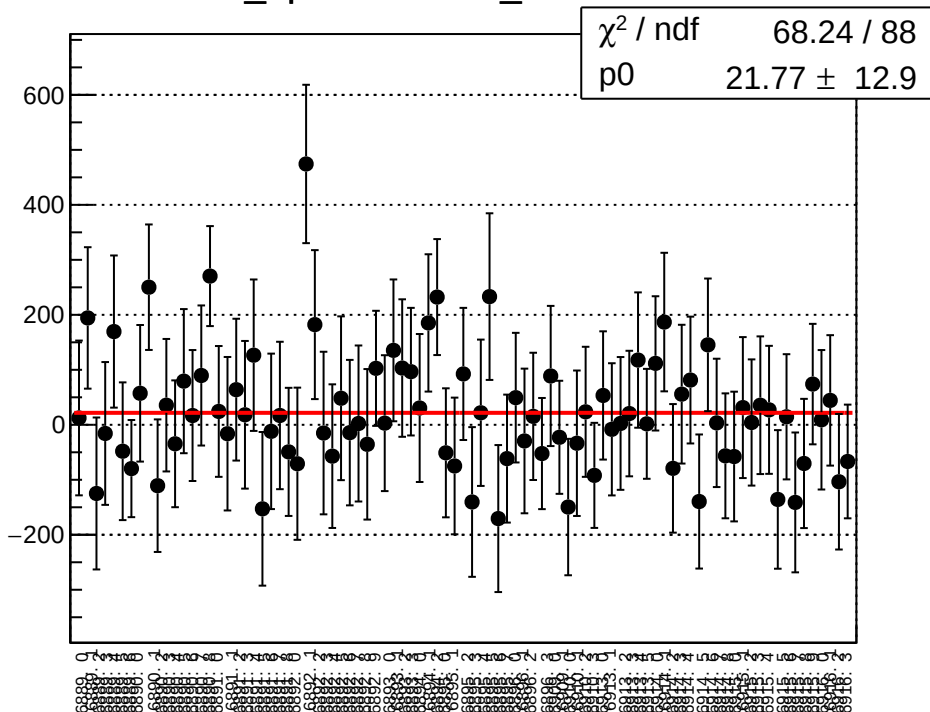
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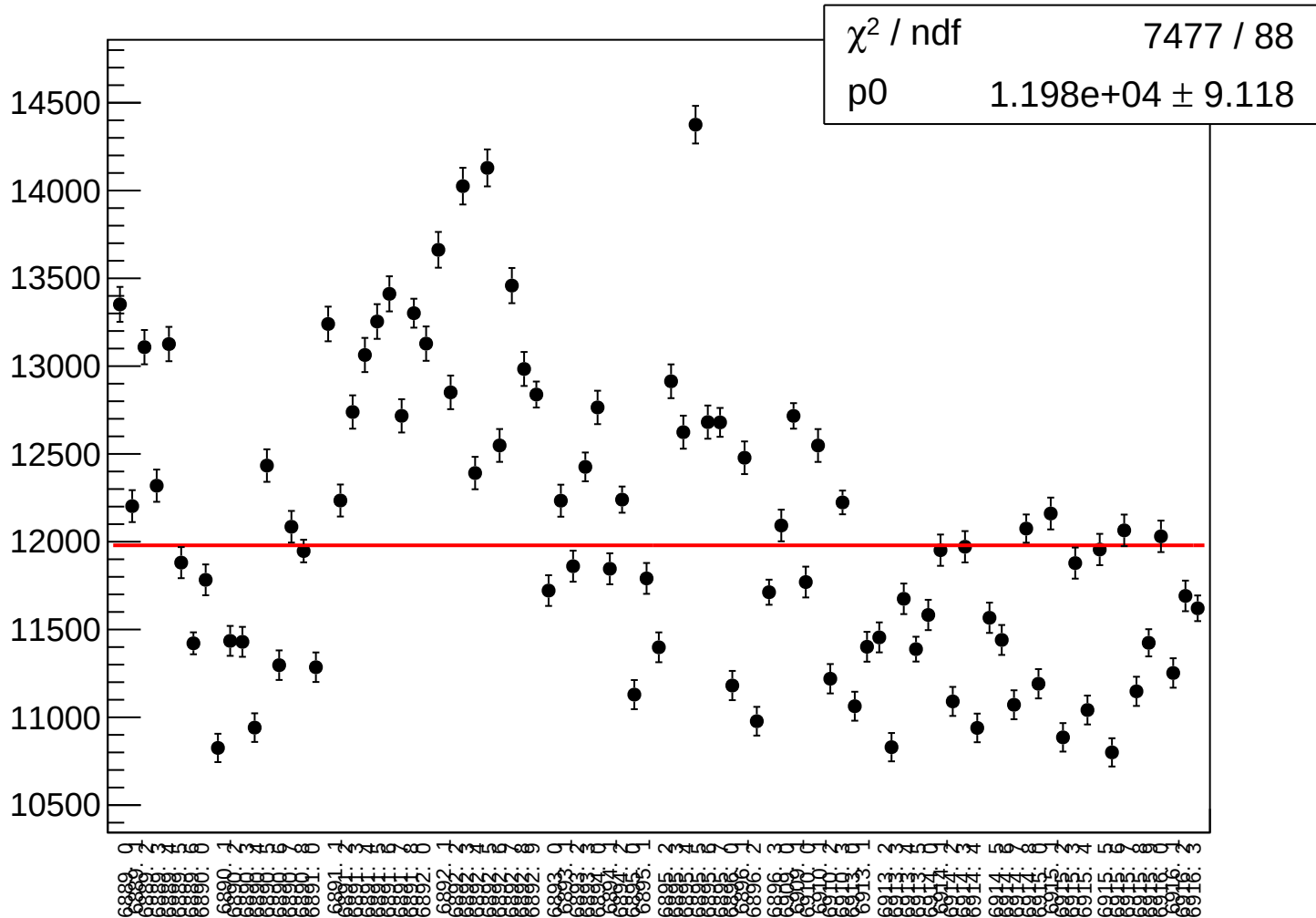
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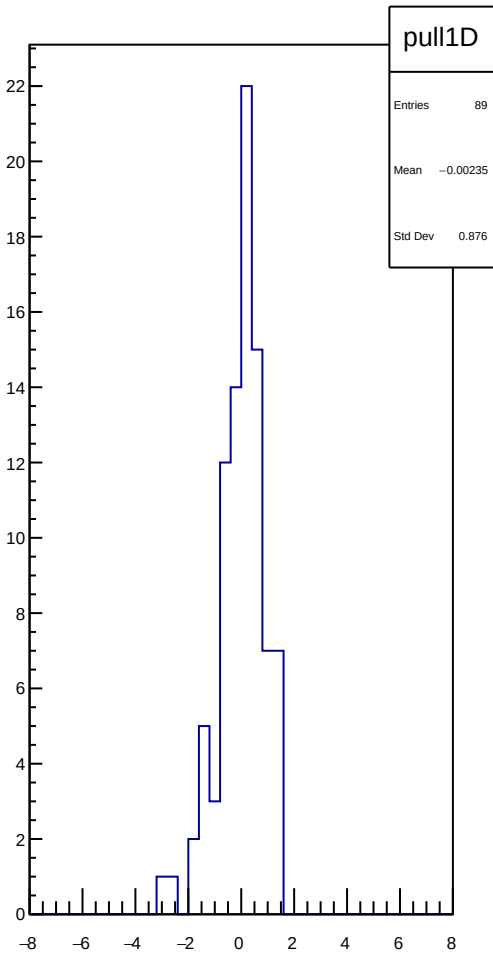
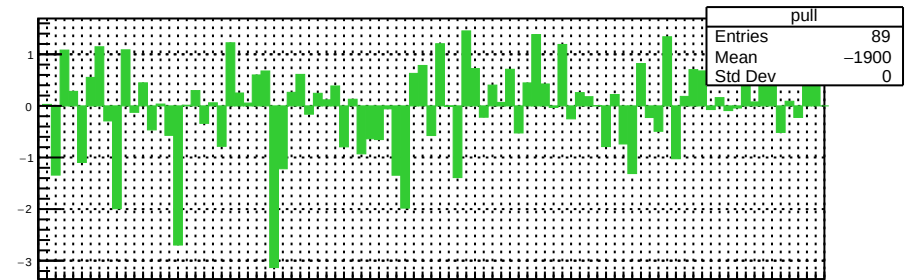
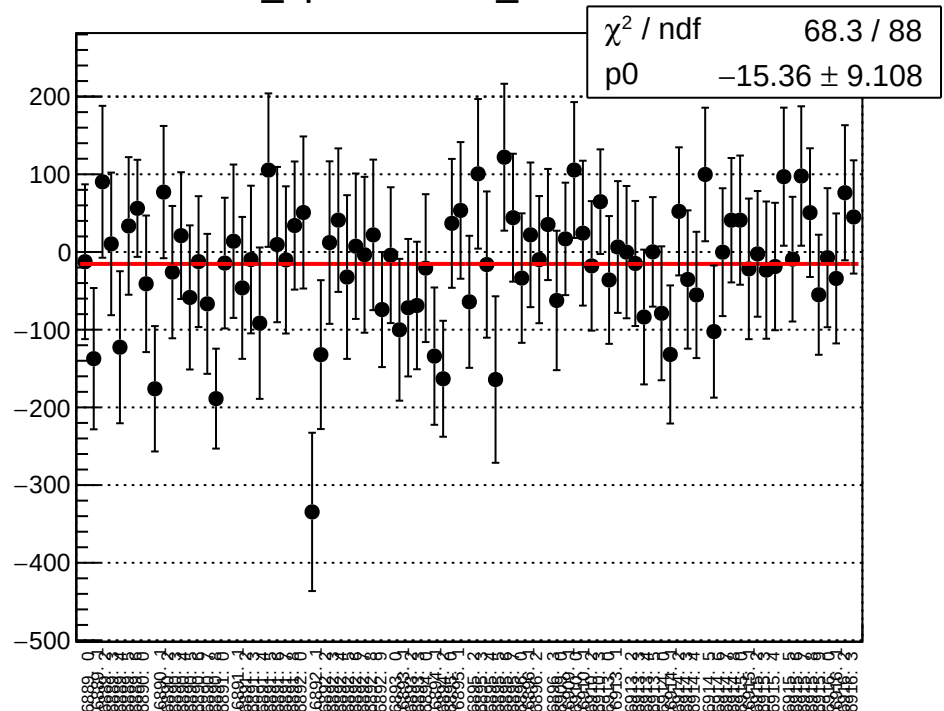
diff_bpm4aesumX_mean vs run



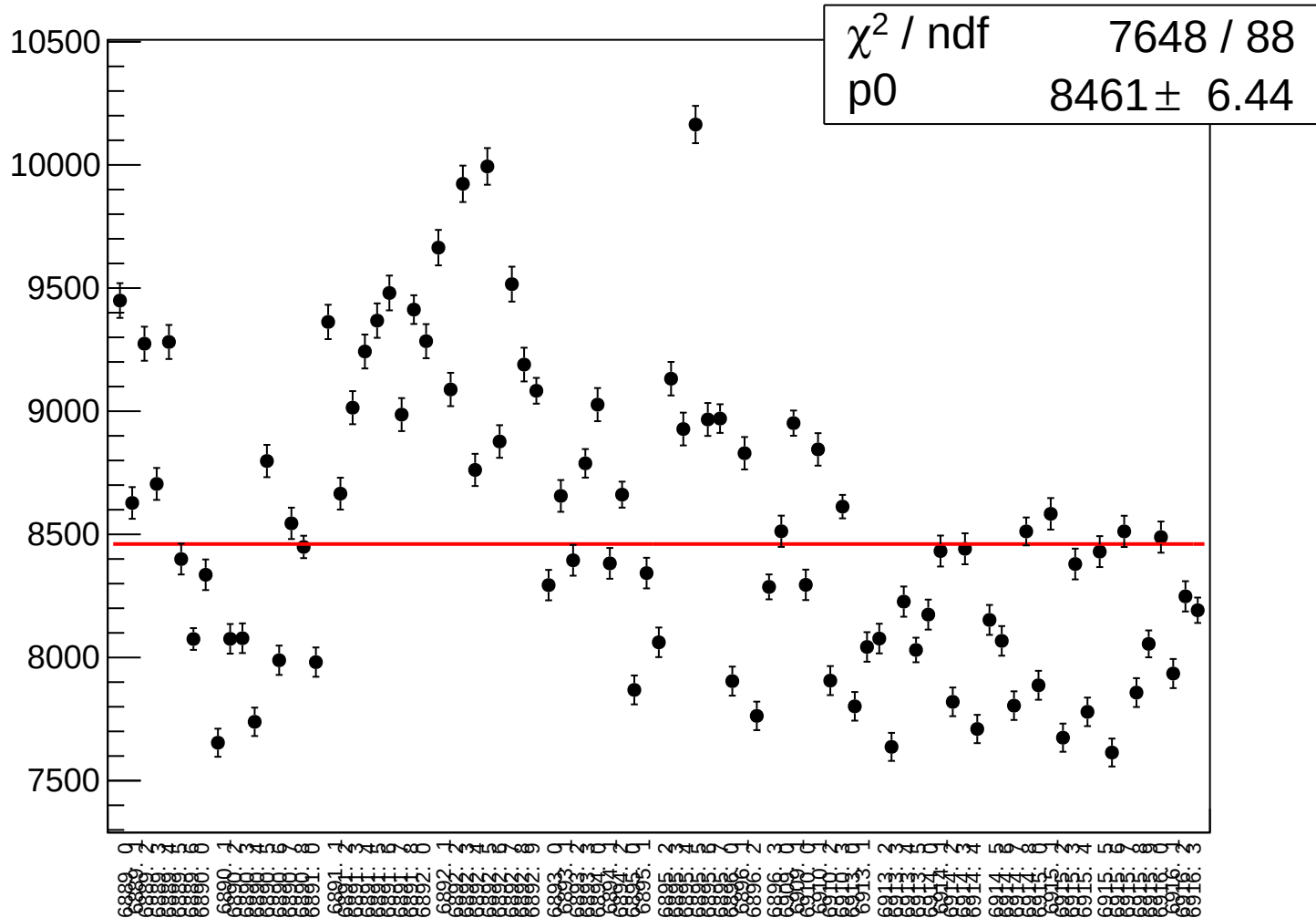
diff_bpm4aesumX_rms vs run



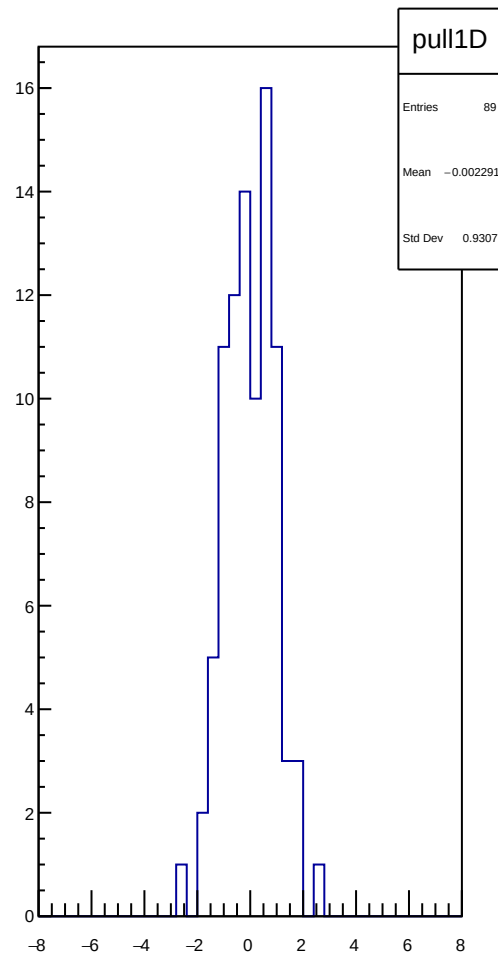
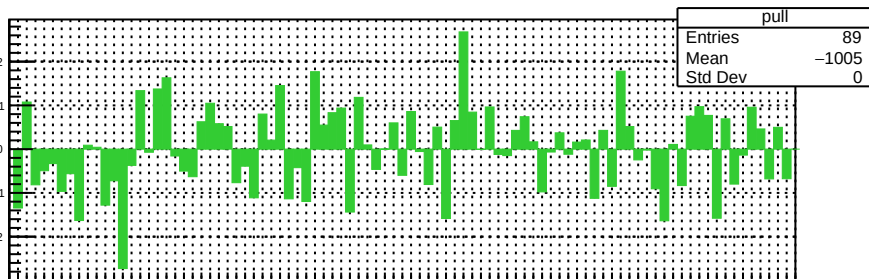
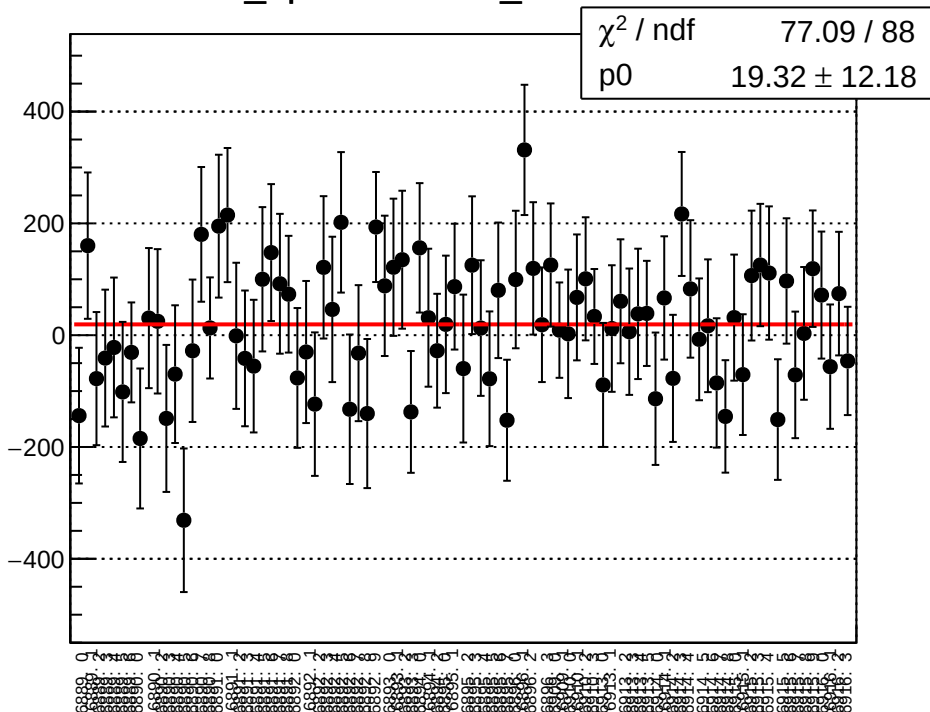
diff_bpm4aediiffX_mean vs run



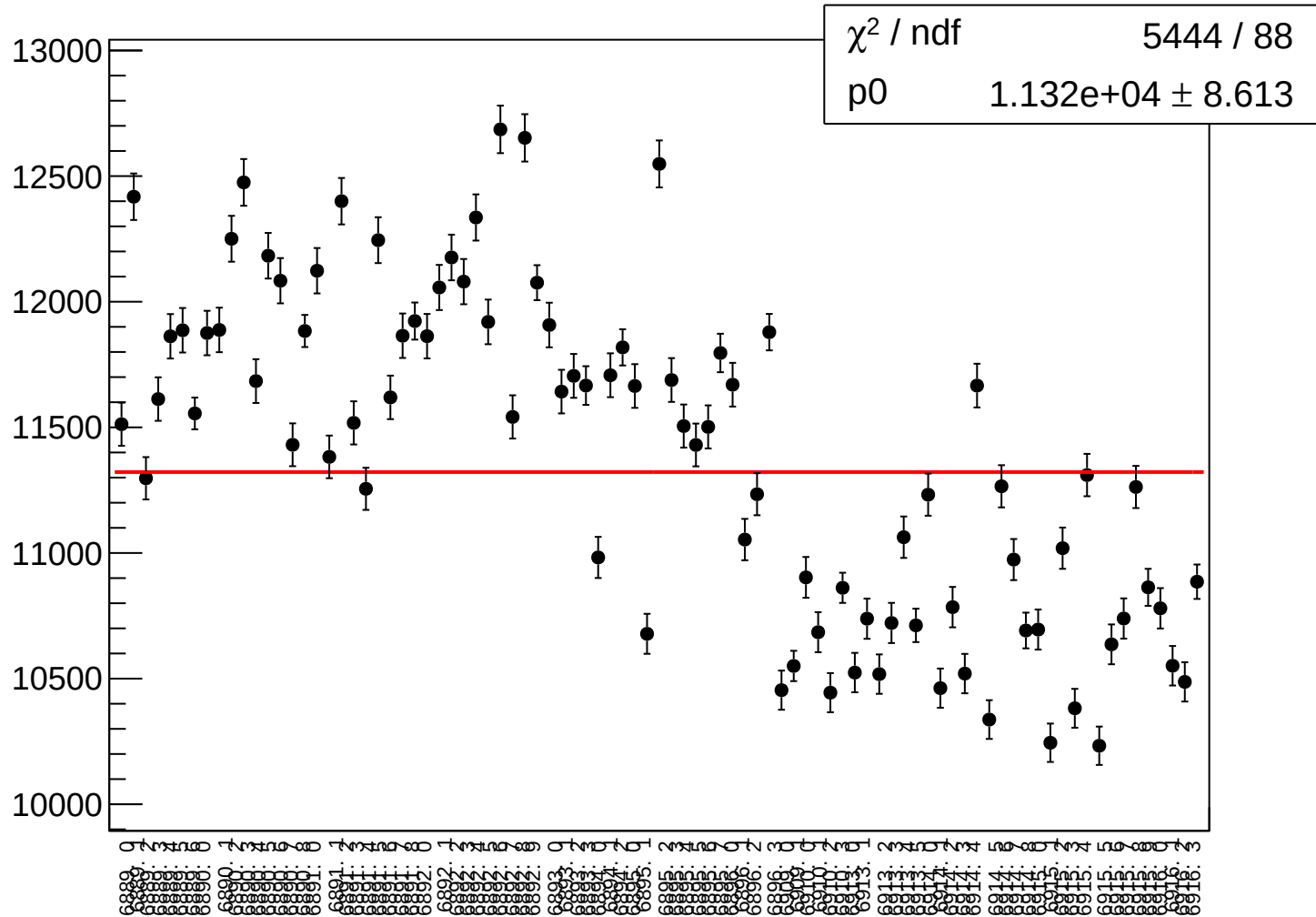
diff_bpm4aediX_rms vs run



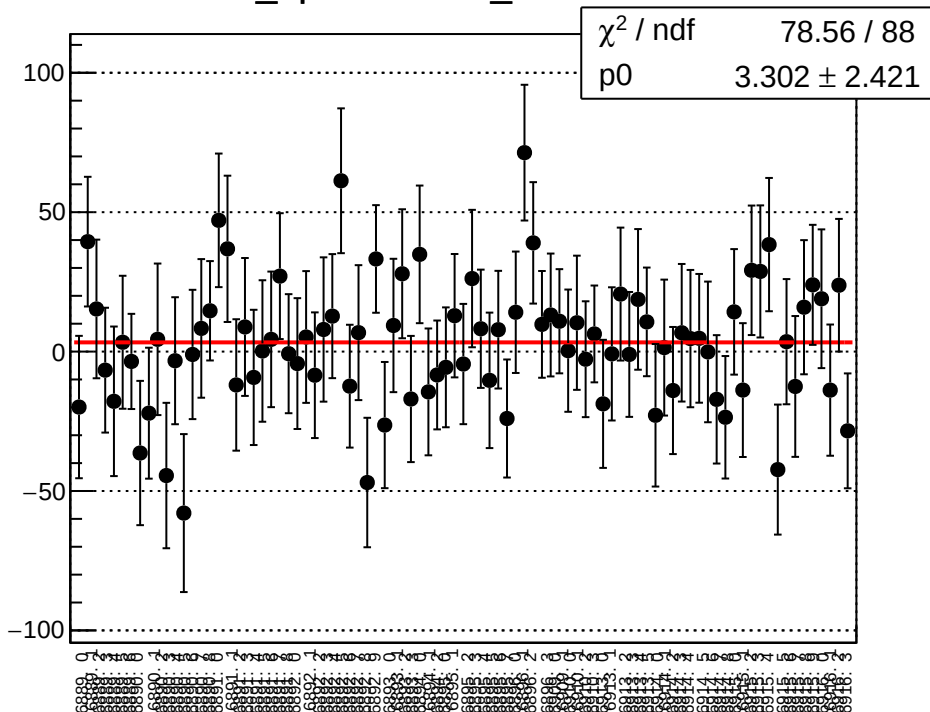
diff_bpm4aesumY_mean vs run



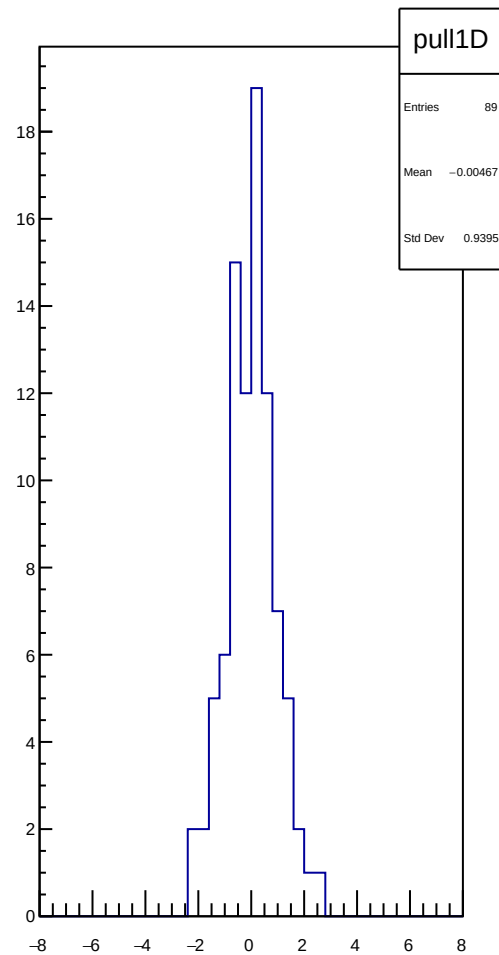
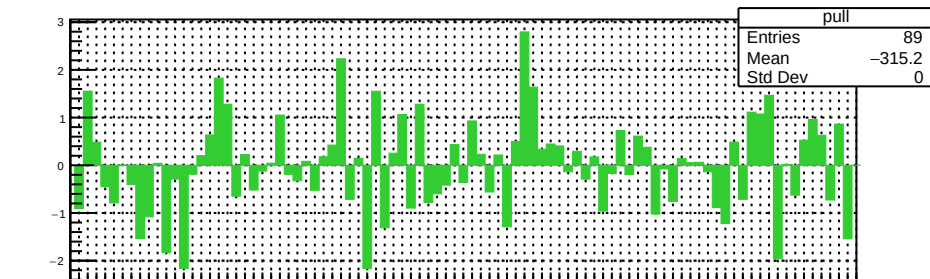
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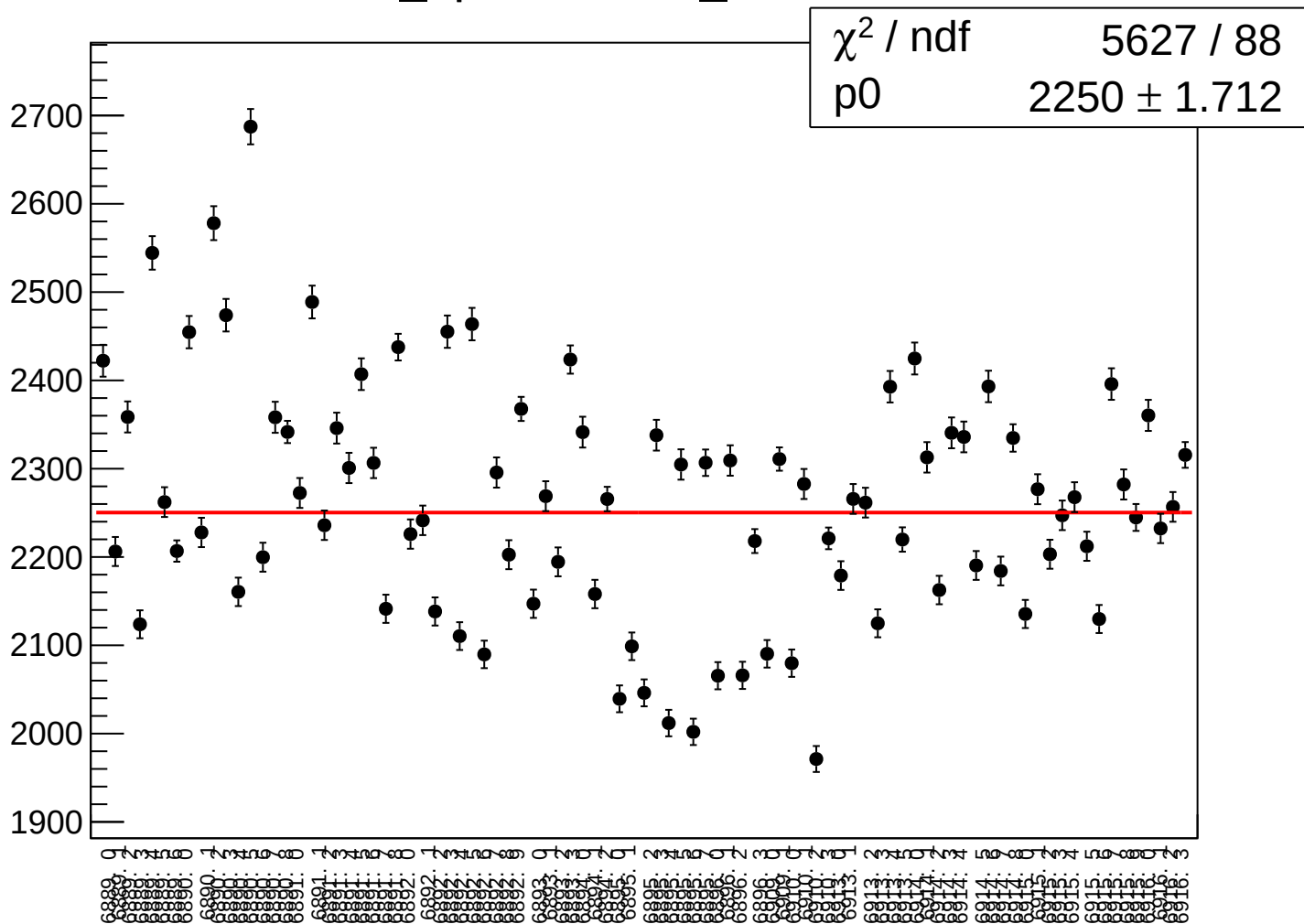
diff_bpm4aediY_mean vs run



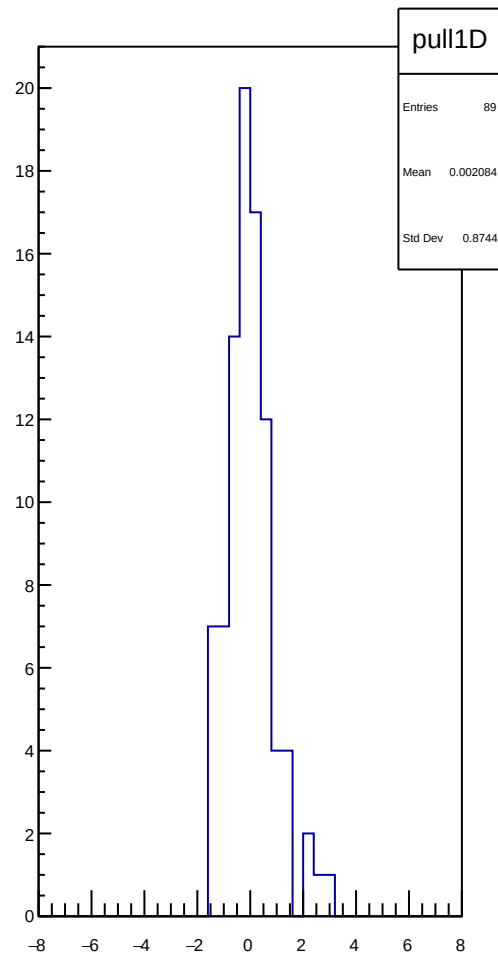
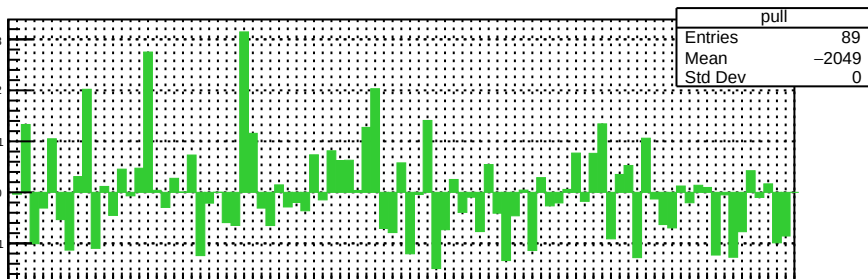
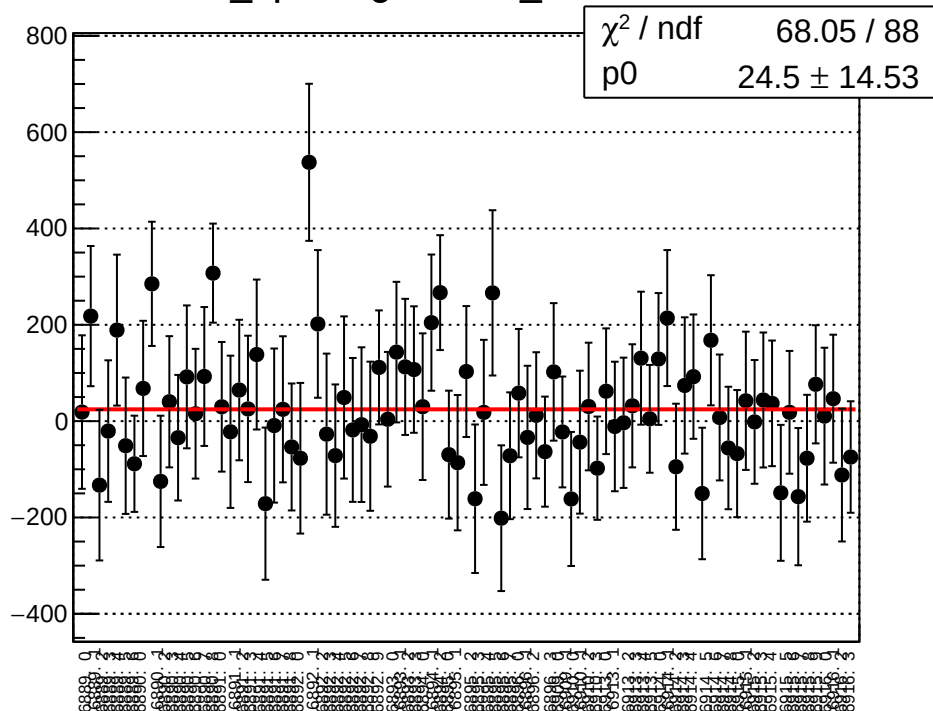
diff_bpm4aediY_mean vs run



diff_bpm4aediY_rms vs run



diff_bpmtargetsumX_mean vs run



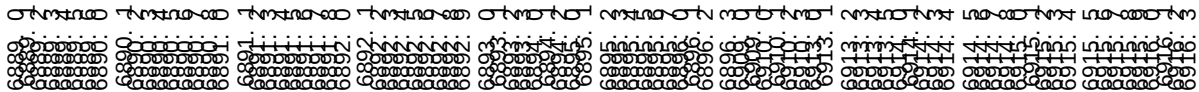
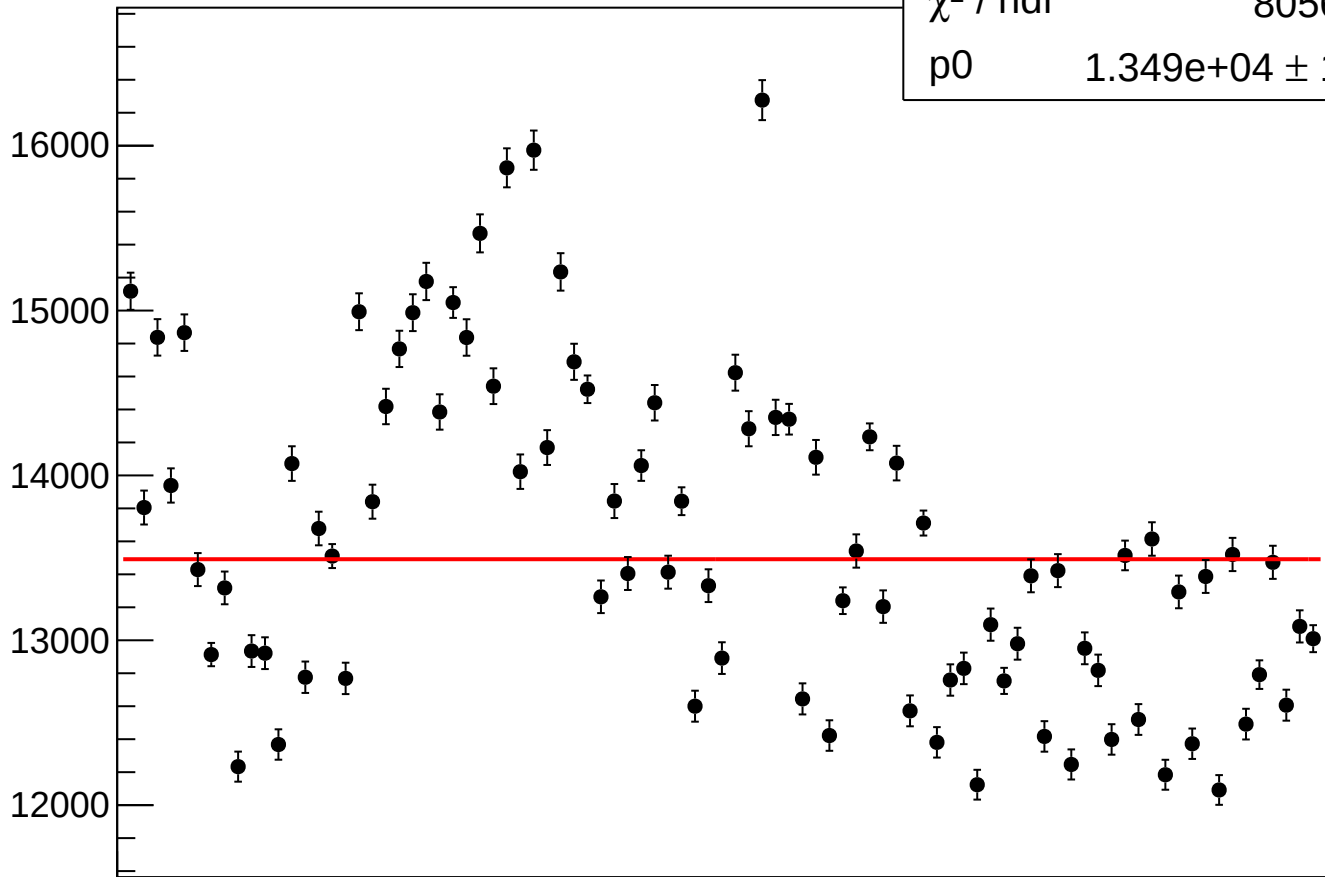
diff_bpmtargetsumX_rms vs run

χ^2 / ndf

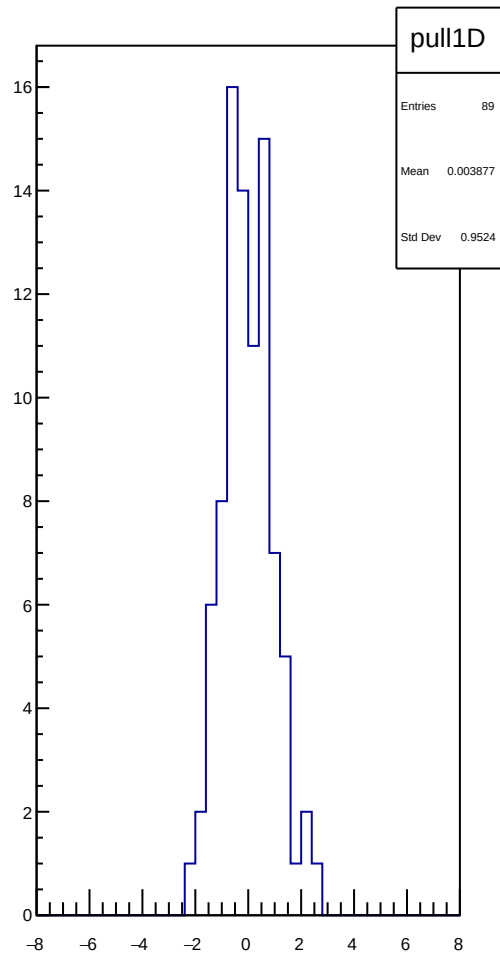
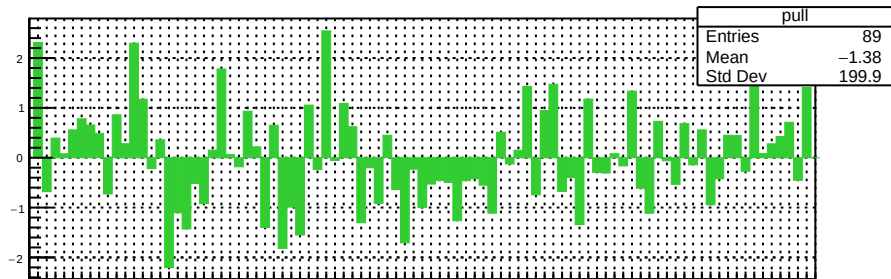
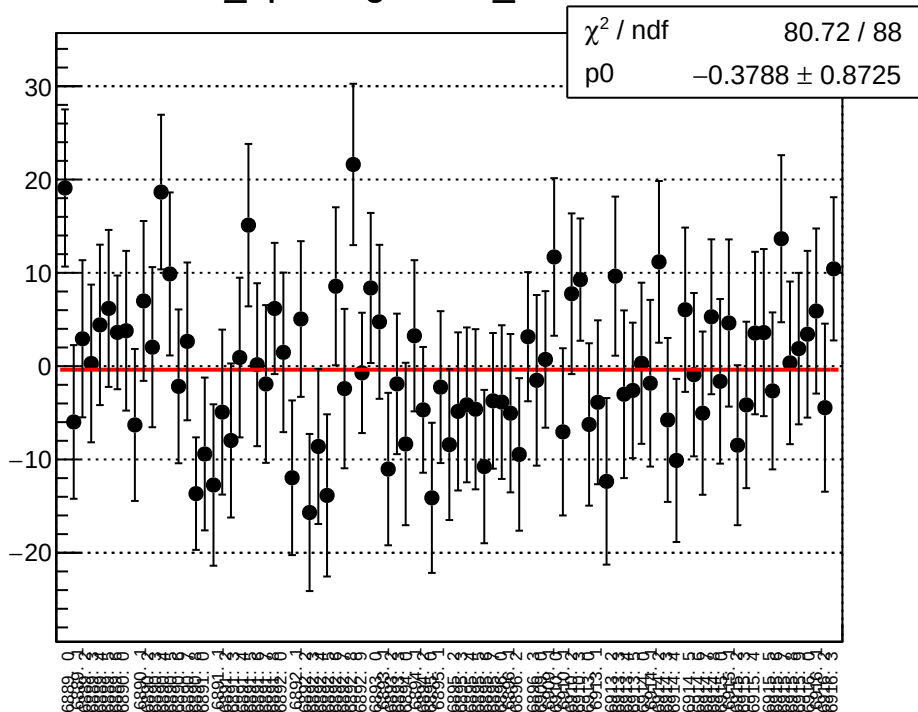
8056 / 88

p0

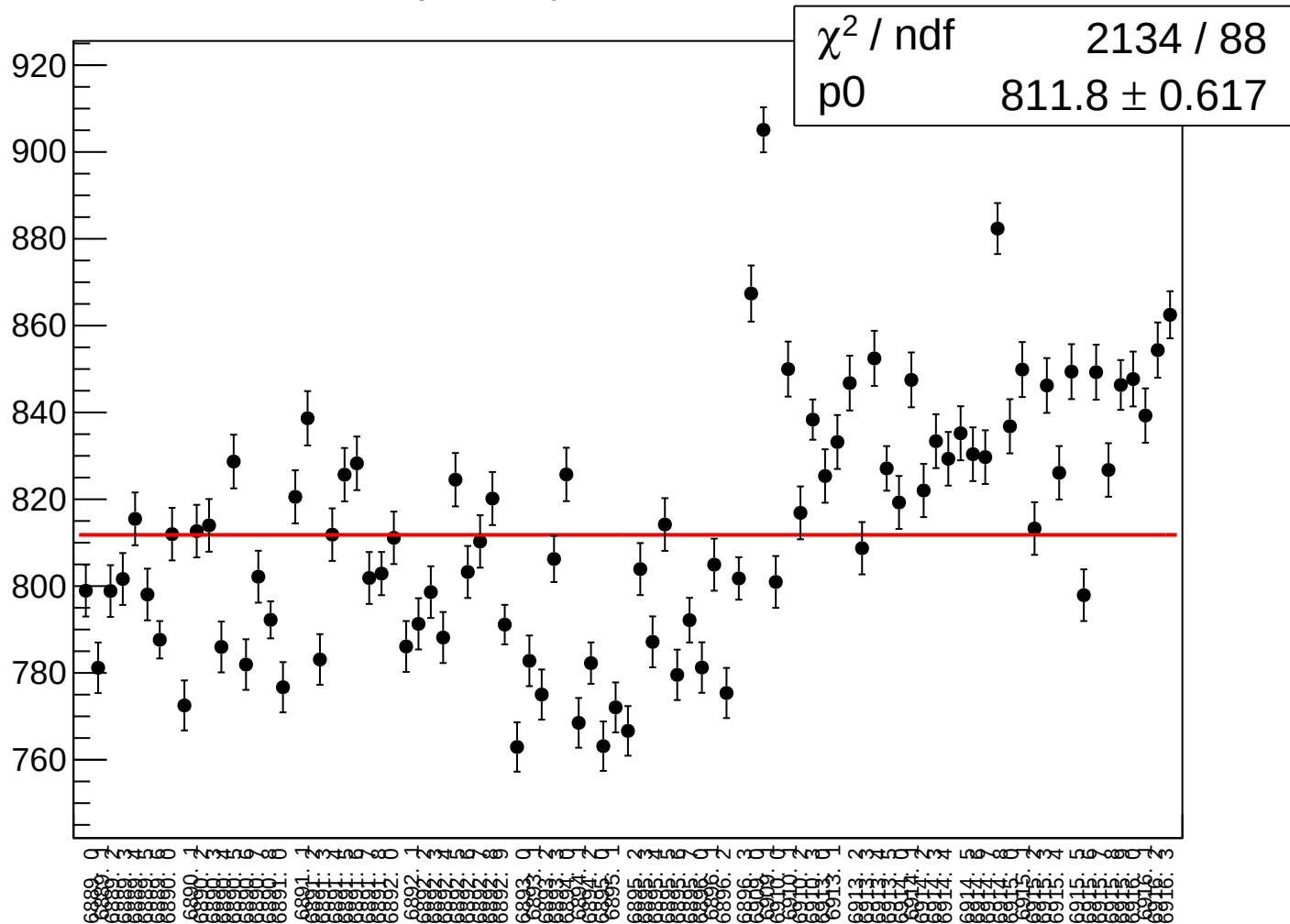
$1.349\text{e}+04 \pm 10.27$



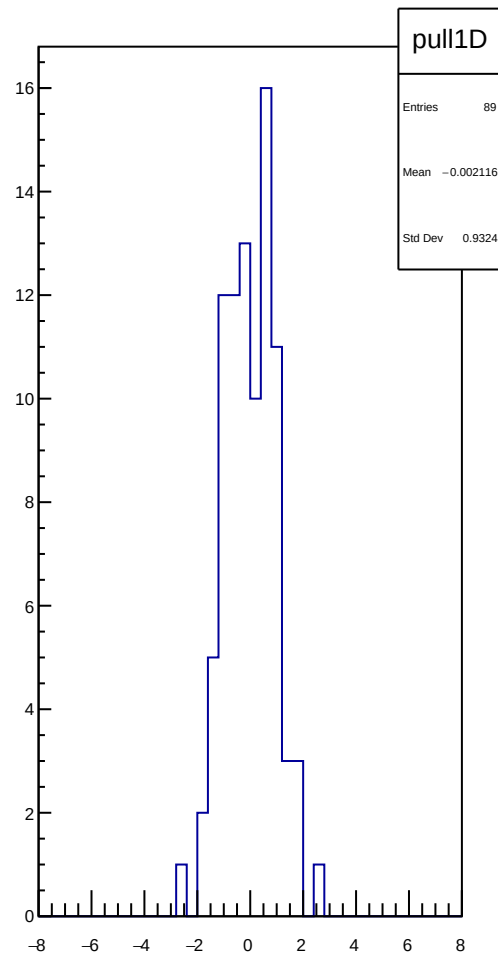
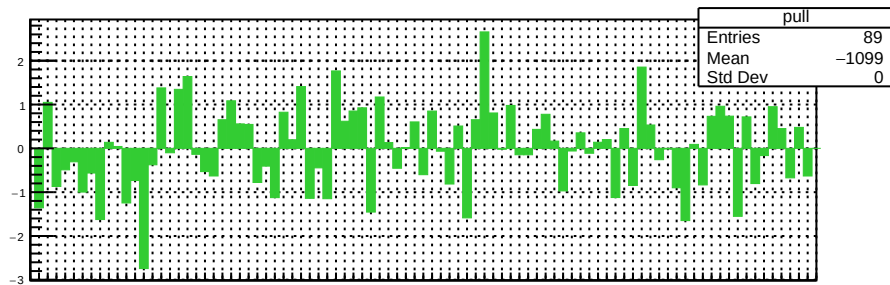
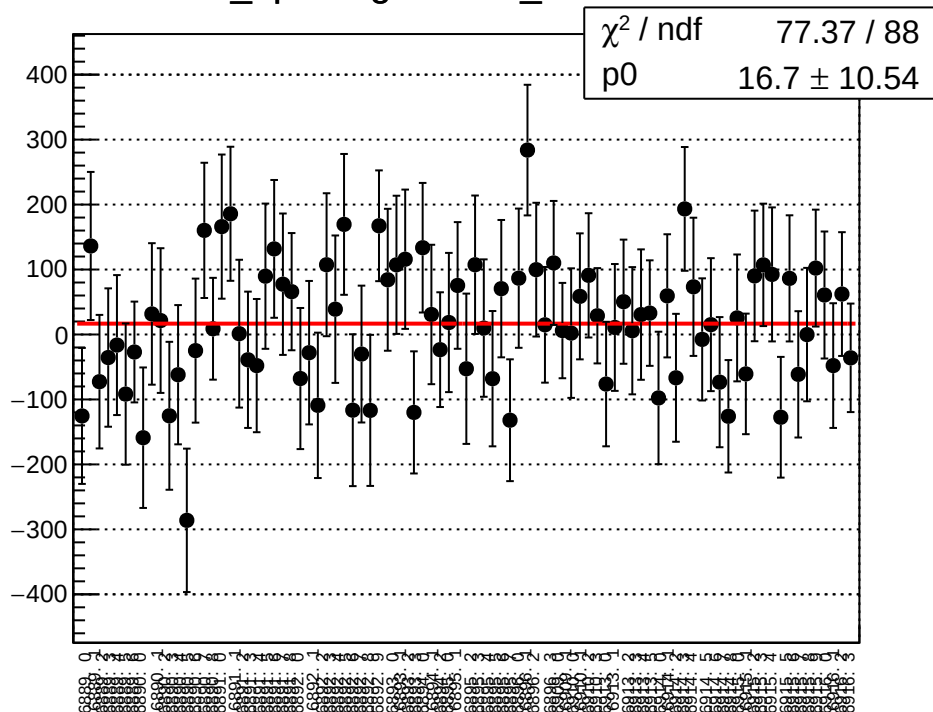
diff_bpmtargetdiffX_mean vs run



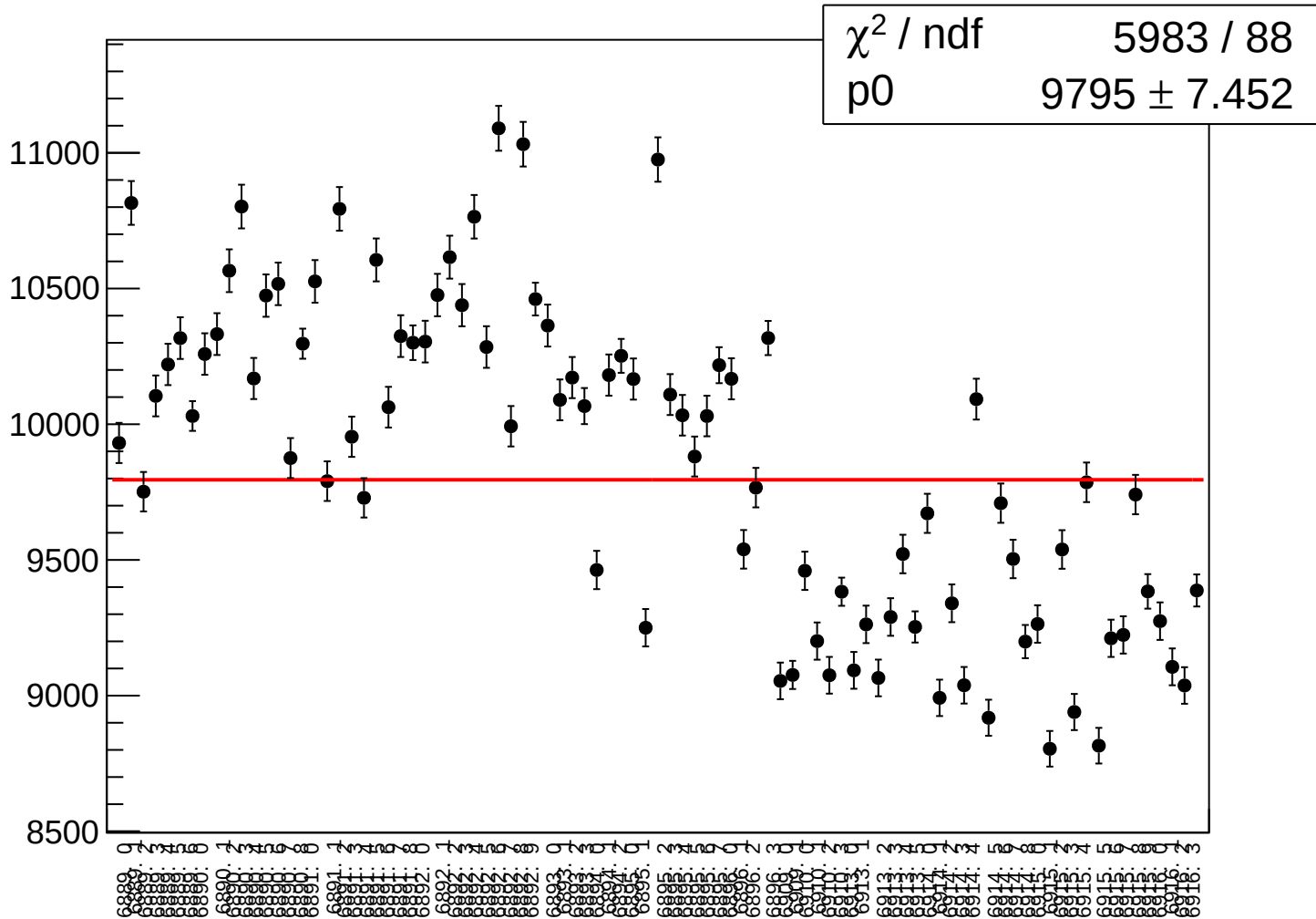
diff_bpmtargetdiffX_rms vs run



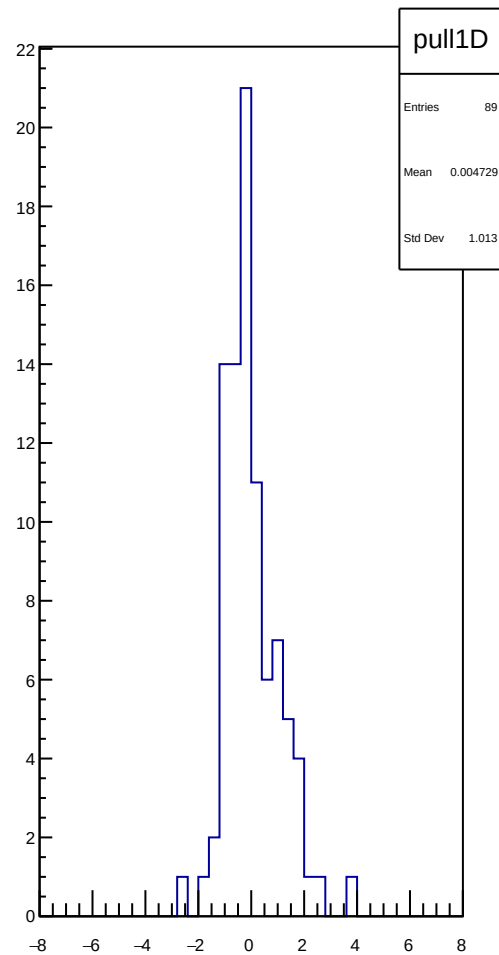
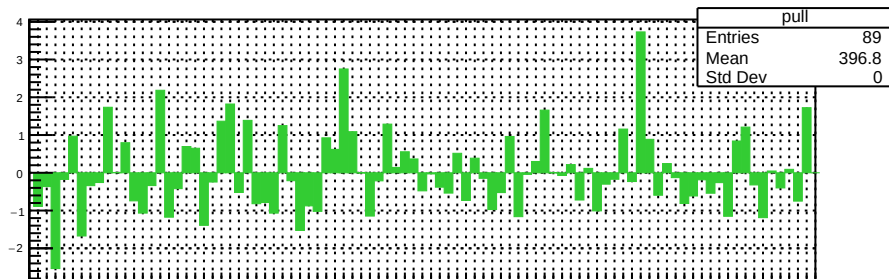
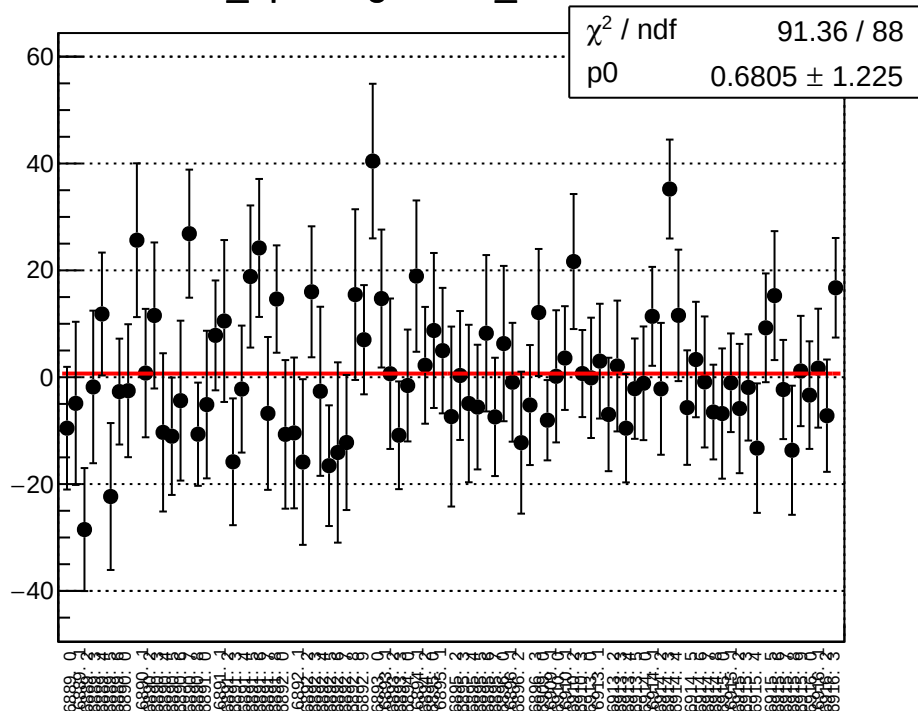
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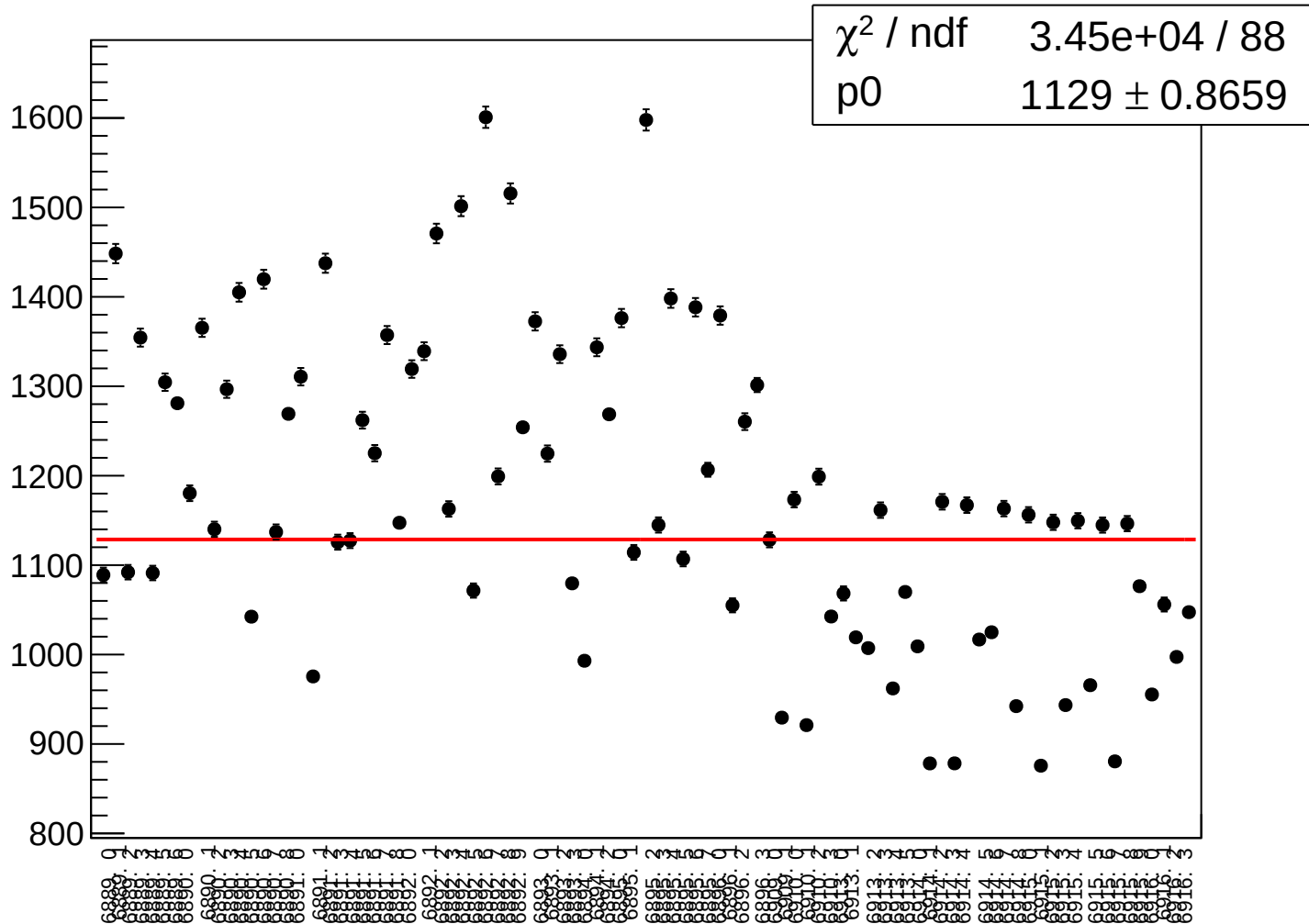
diff_bpmtargetsumY_rms vs run



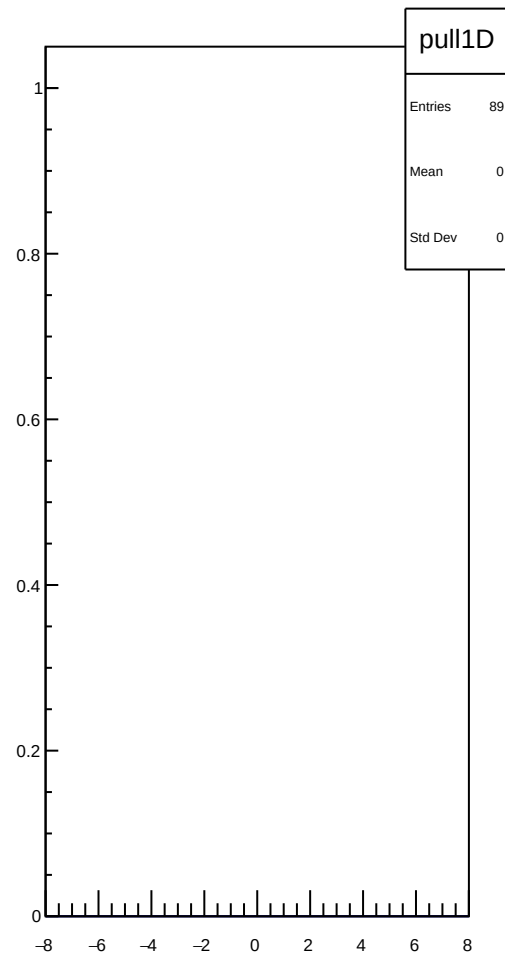
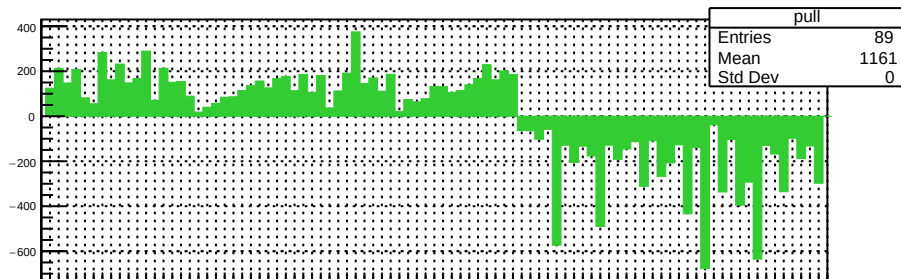
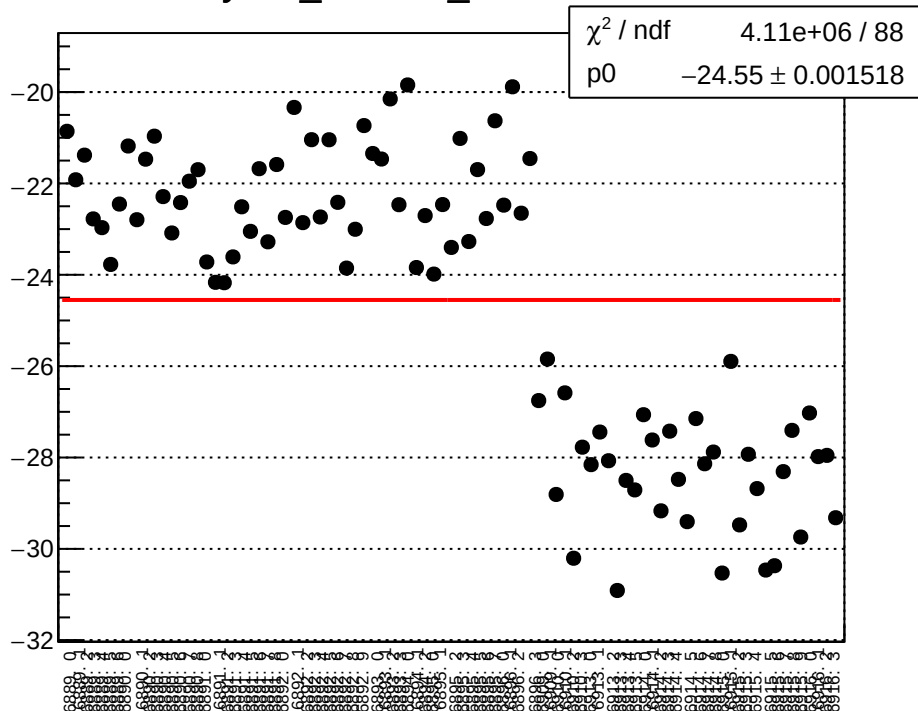
diff_bpmtargetdiff_Y_mean vs run



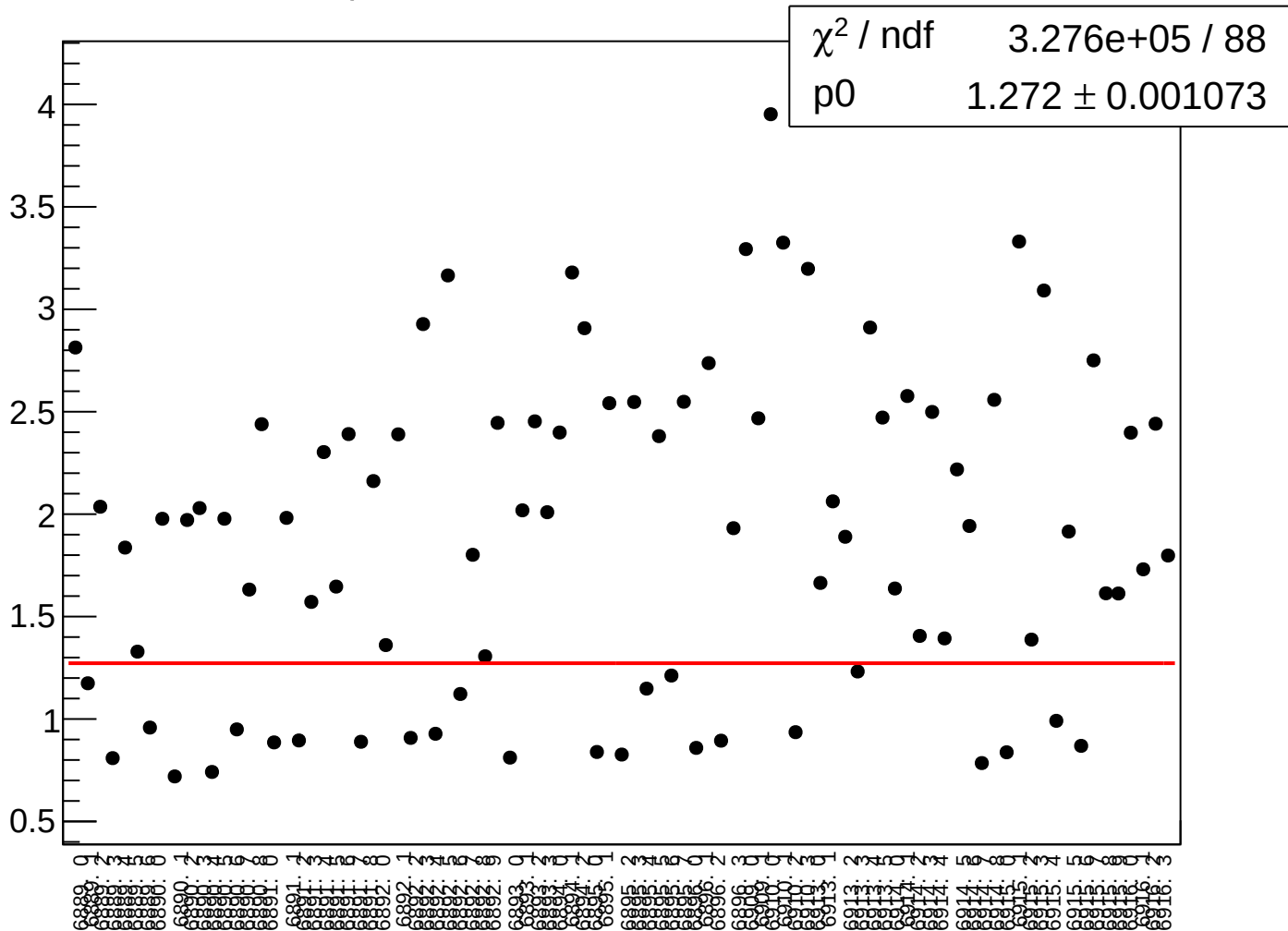
diff_bpmtargetdiffY_rms vs run



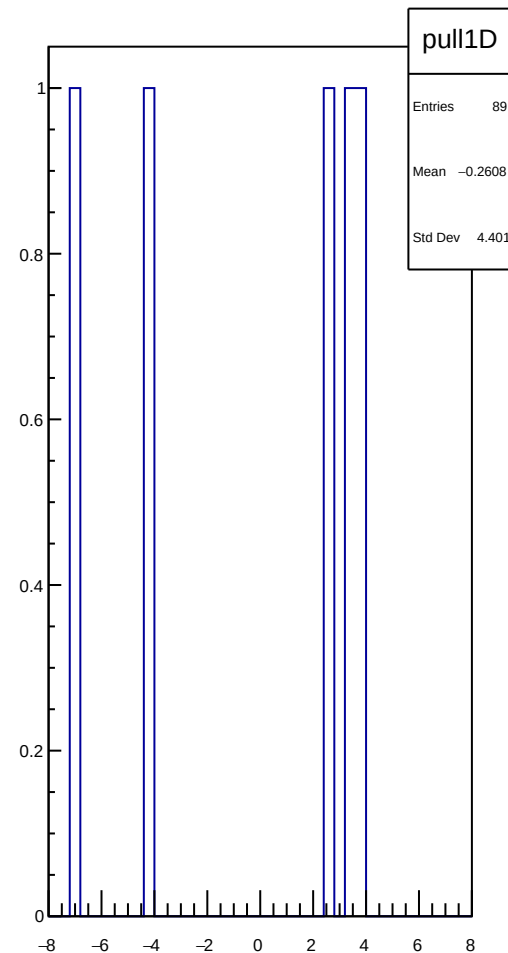
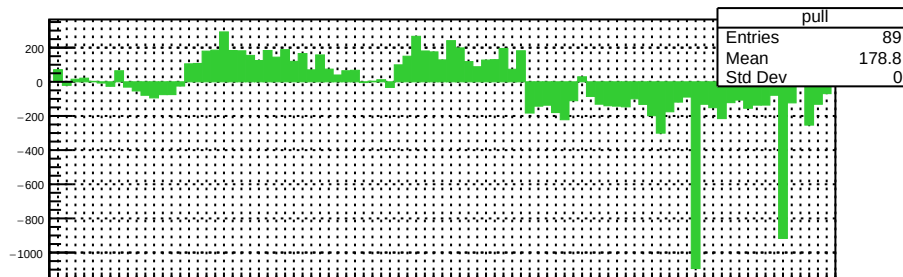
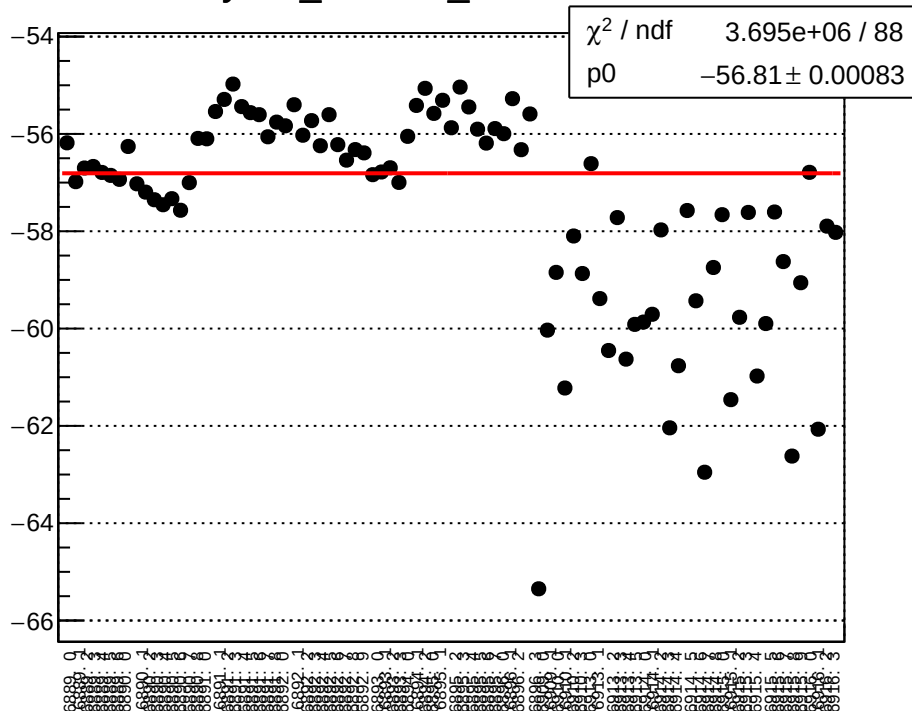
yield_cav4bX_mean vs run



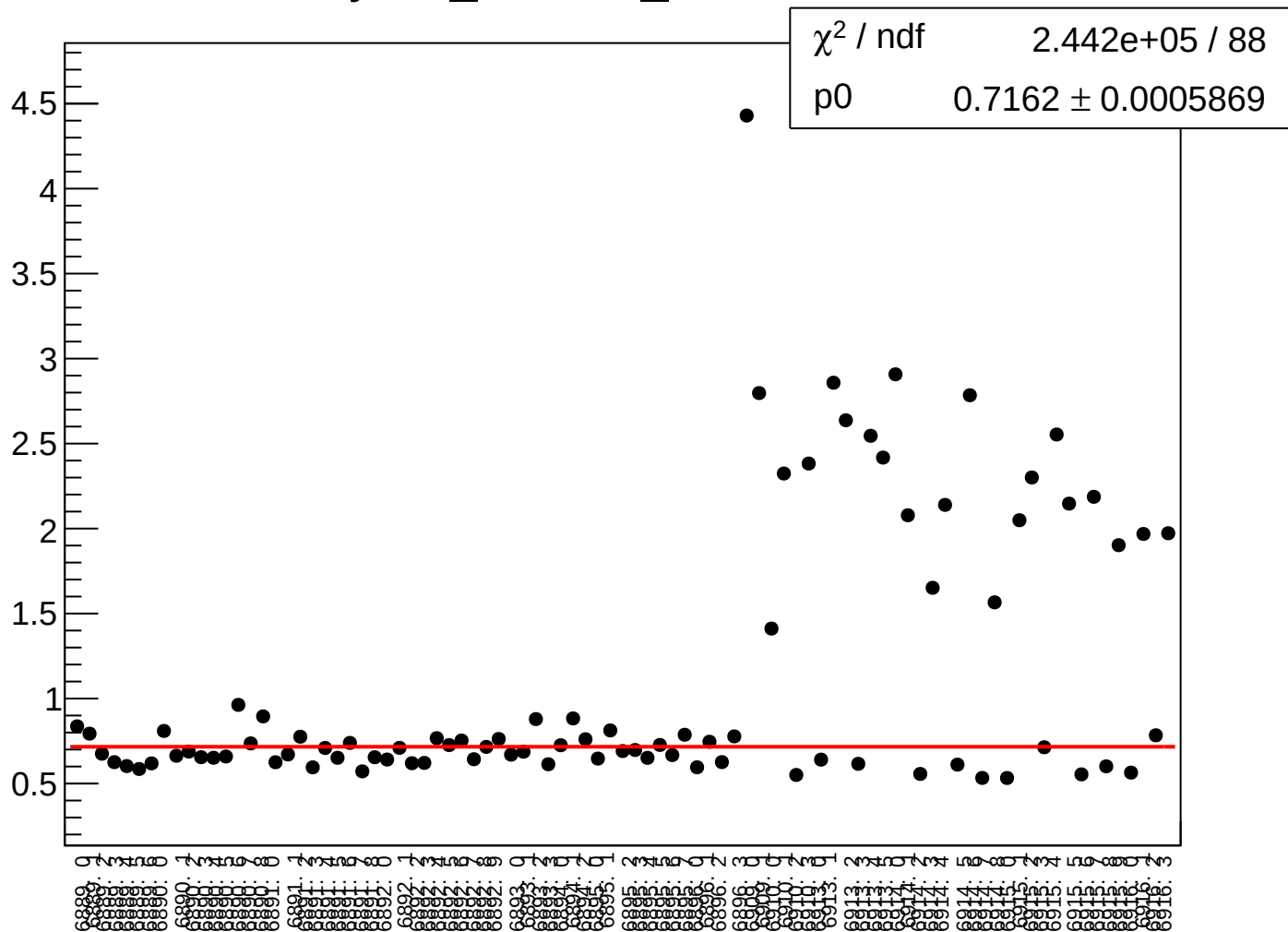
yield_cav4bX_rms vs run



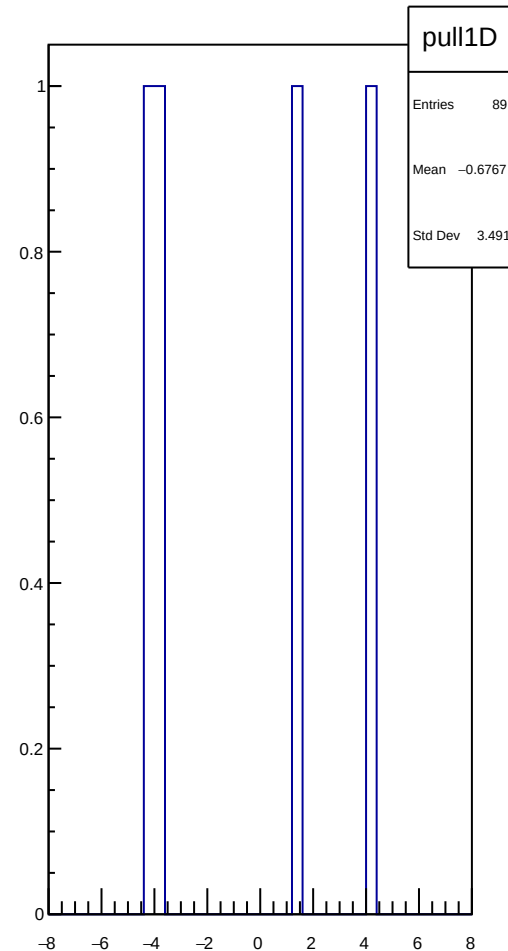
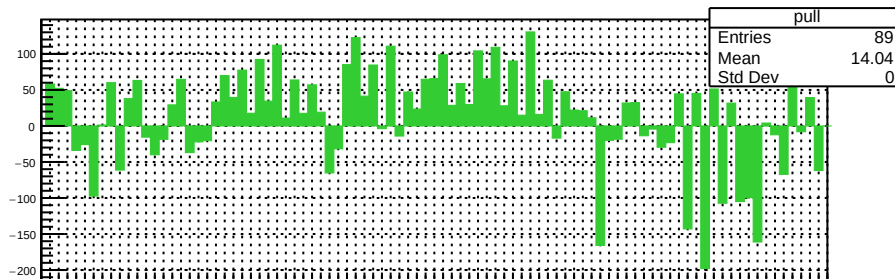
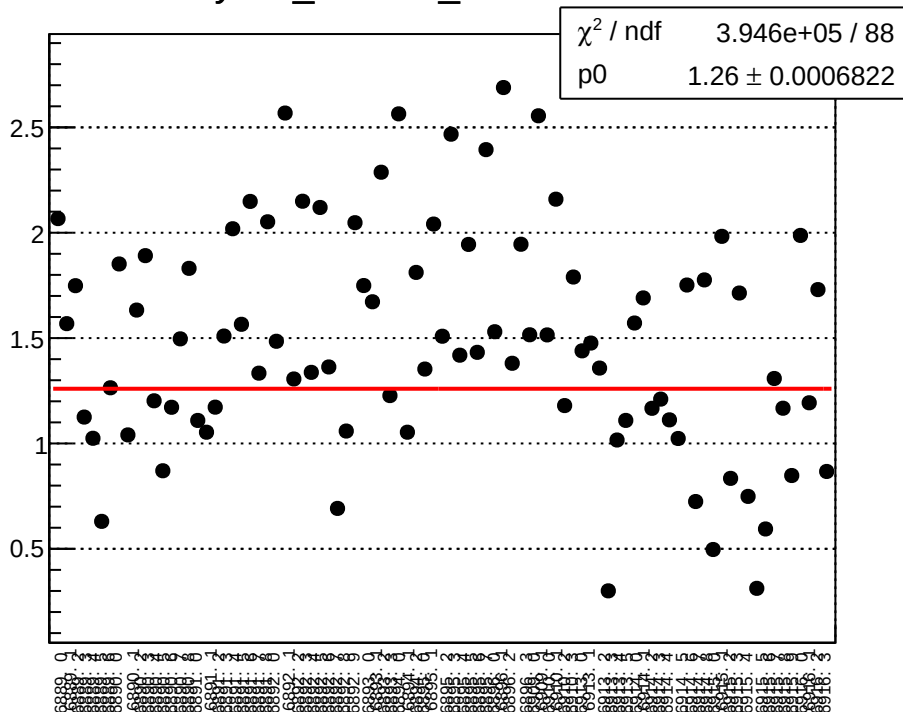
yield_cav4bY_mean vs run



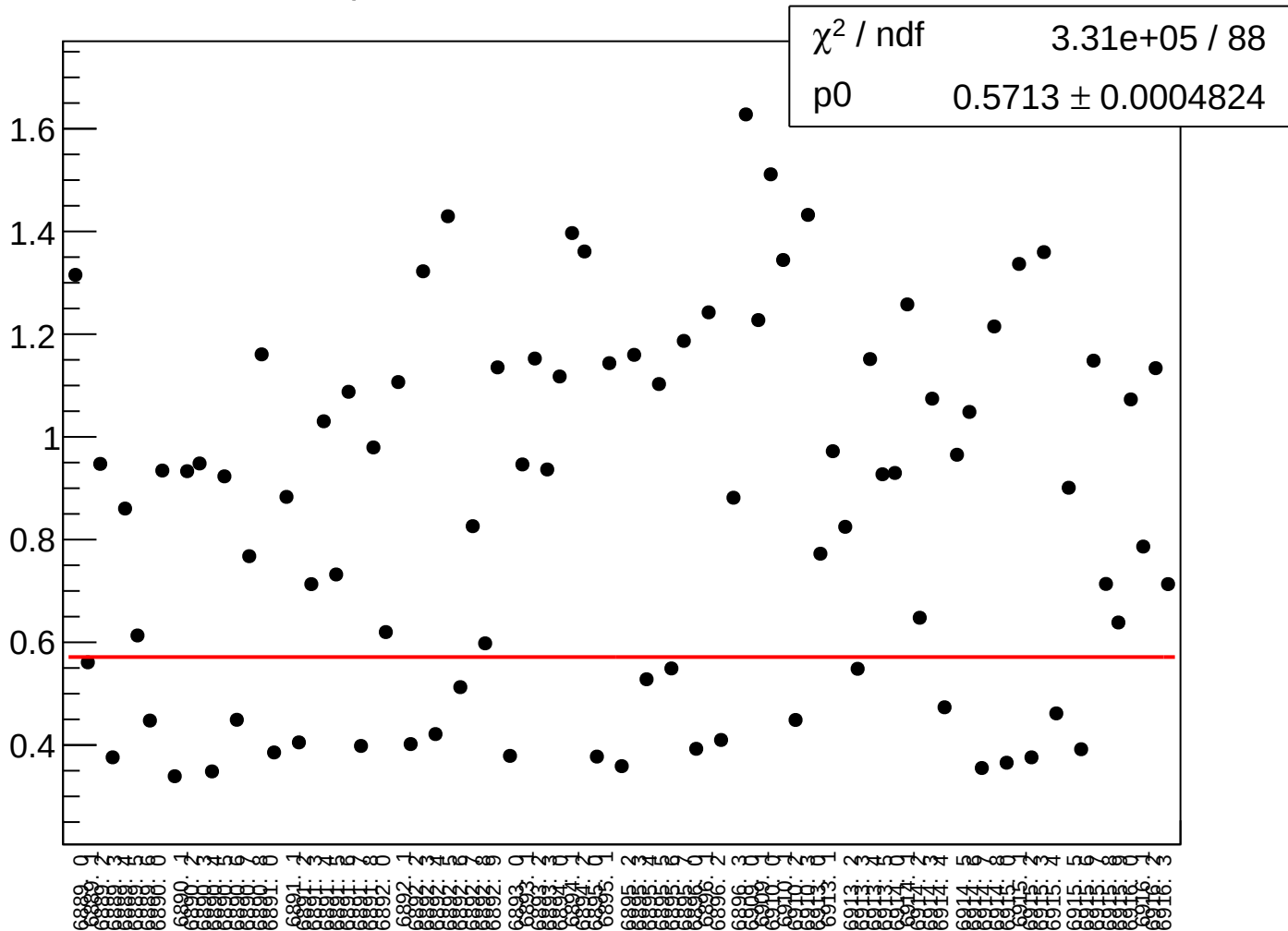
yield_cav4bY_rms vs run



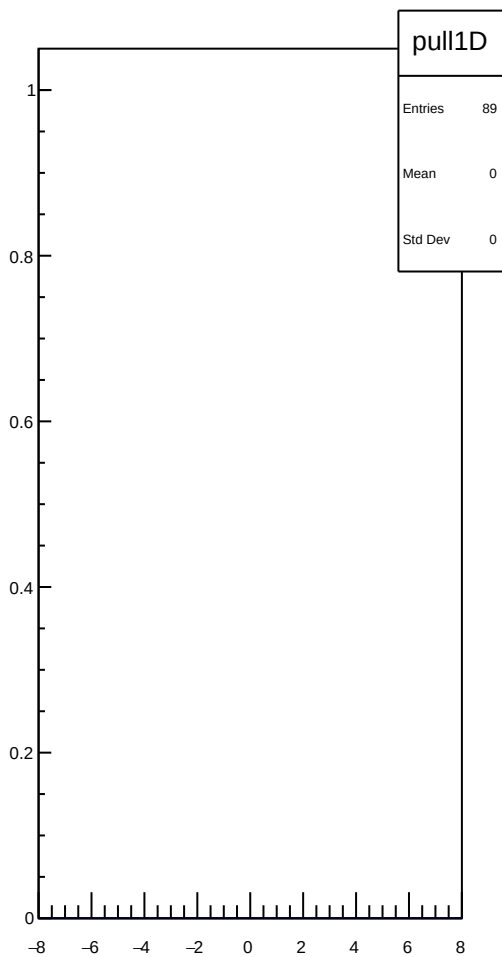
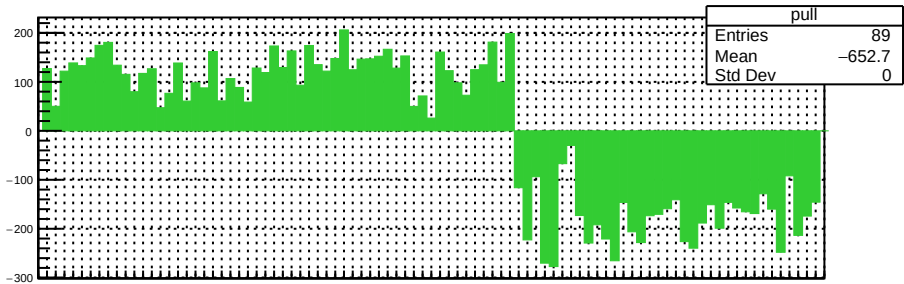
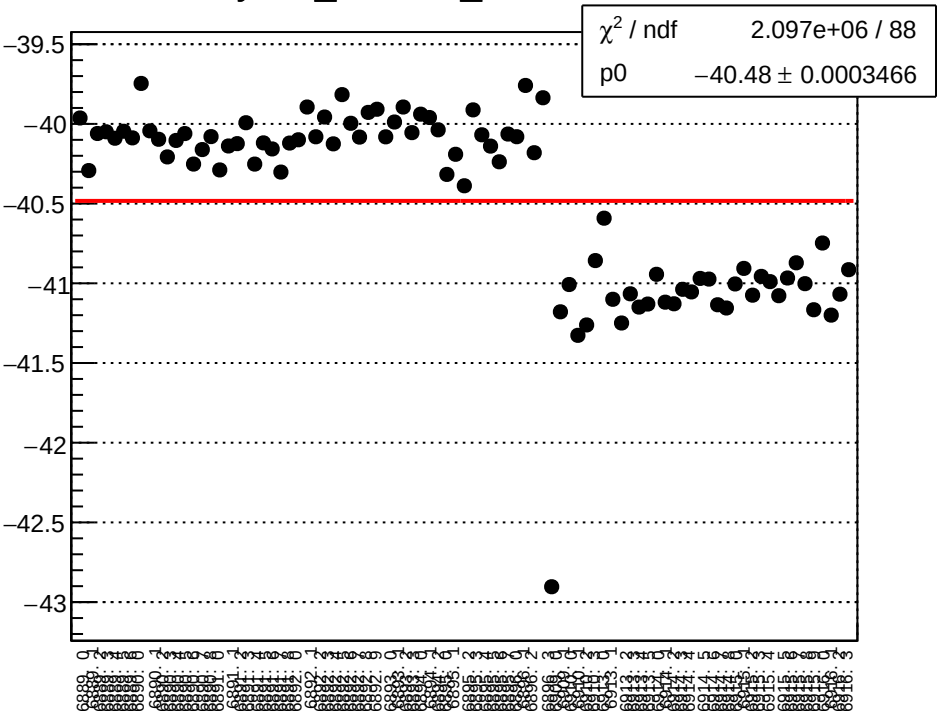
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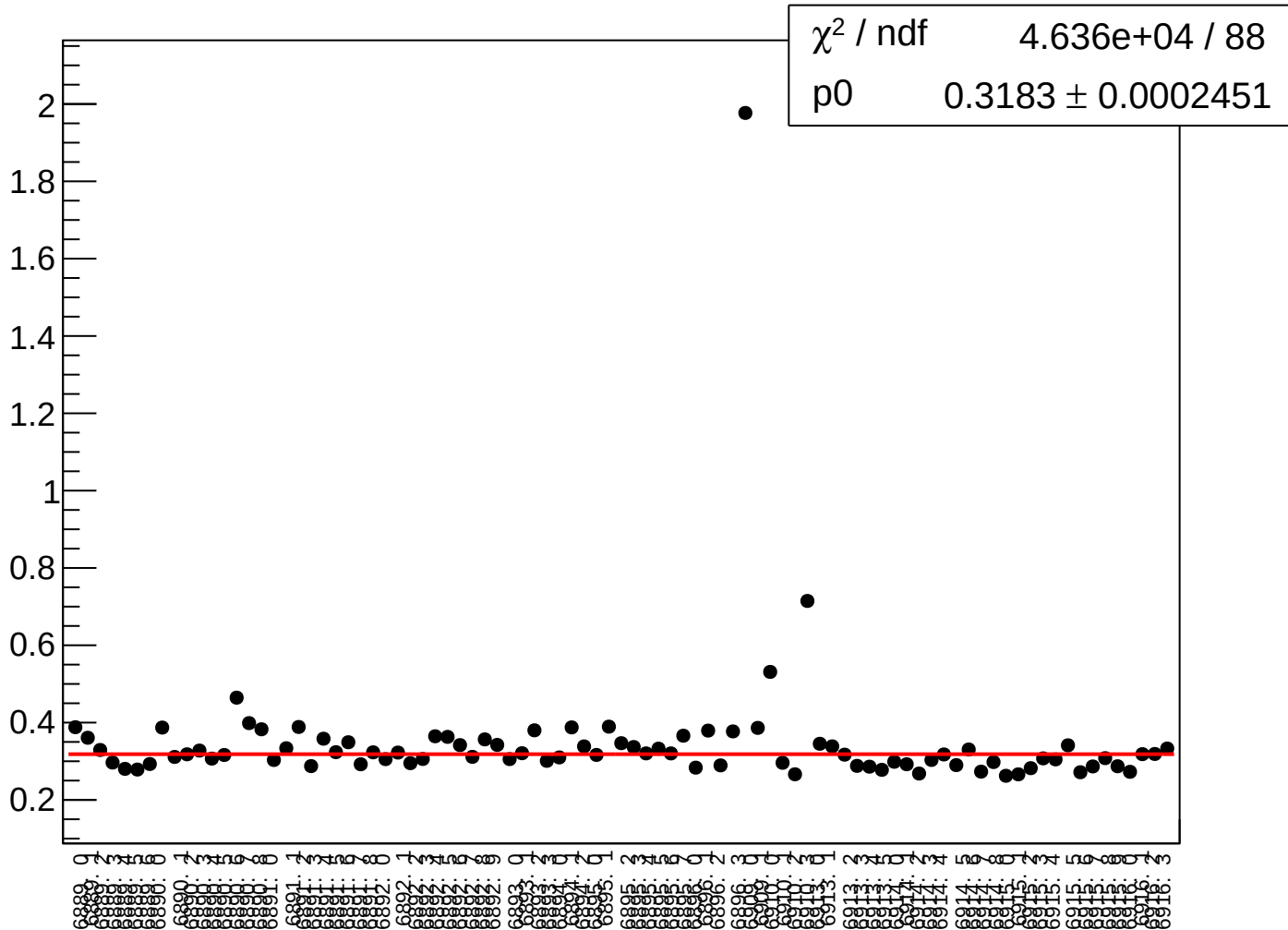
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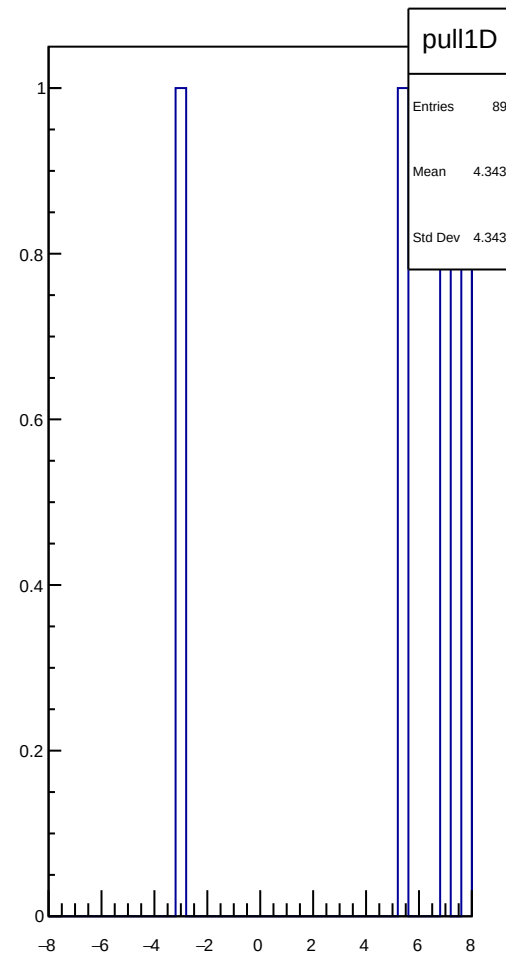
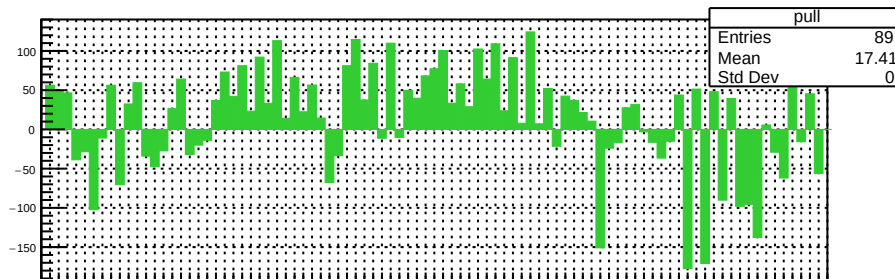
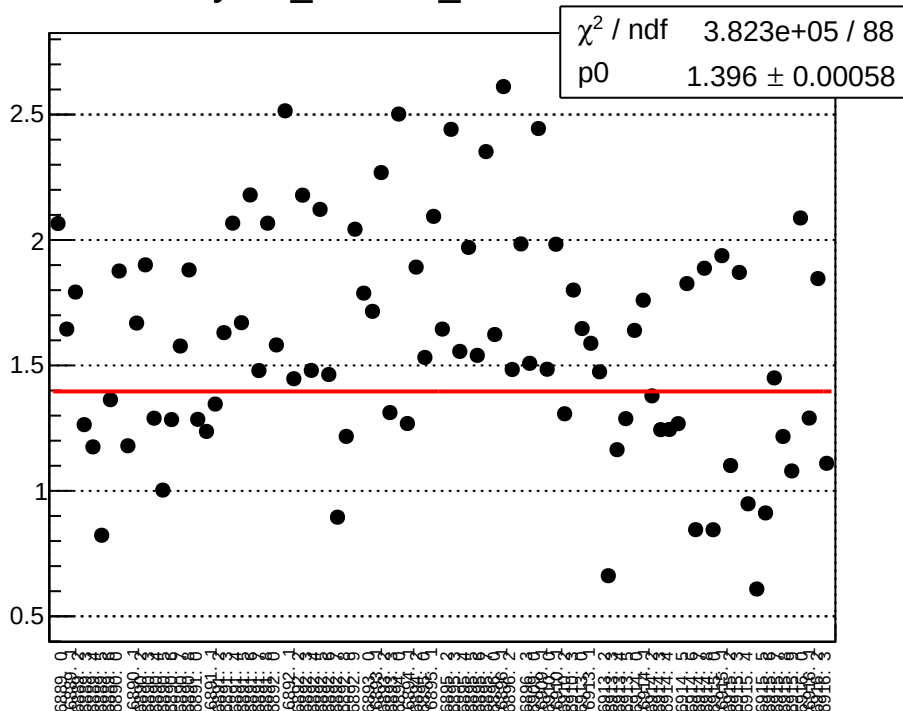
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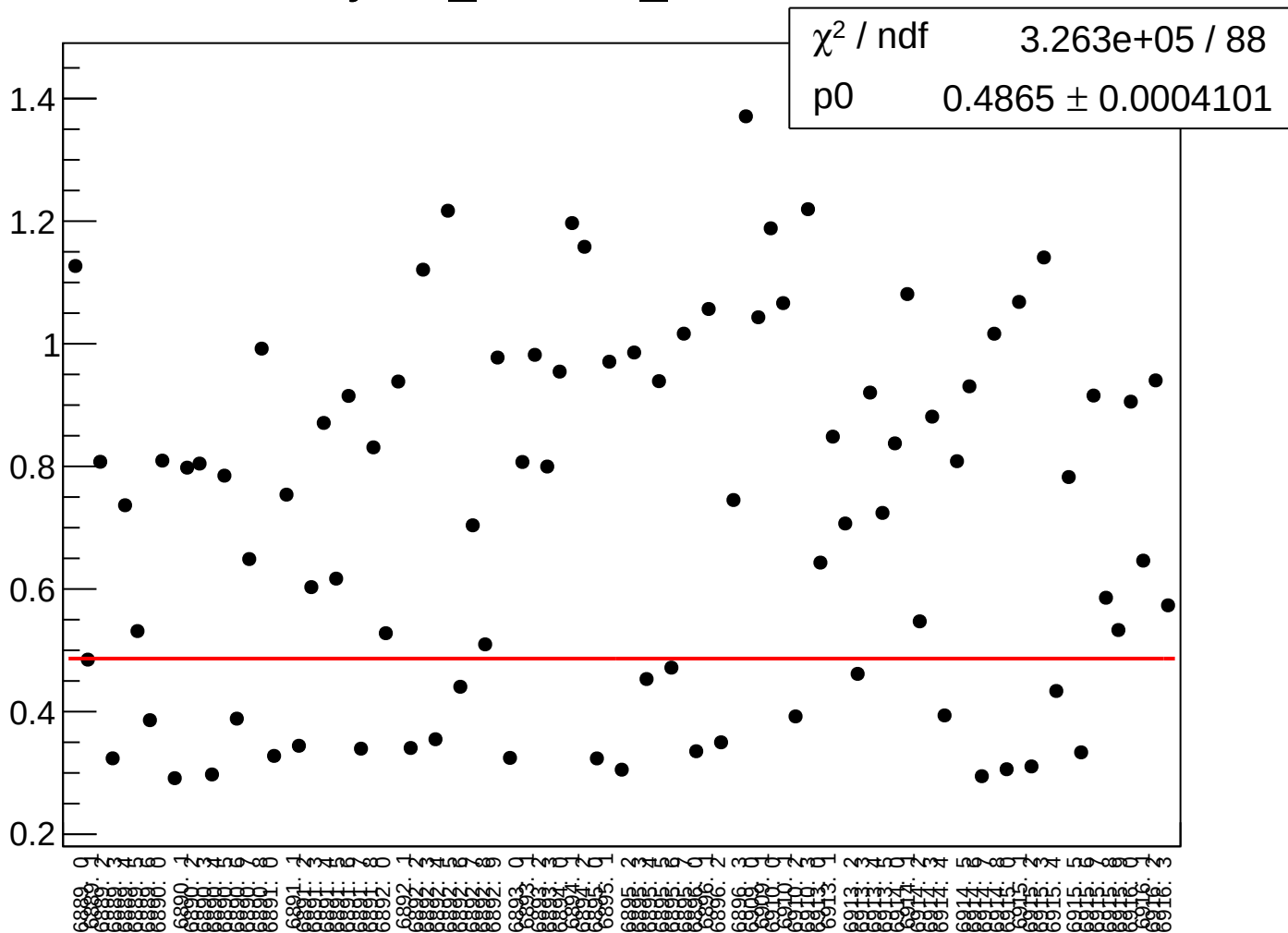
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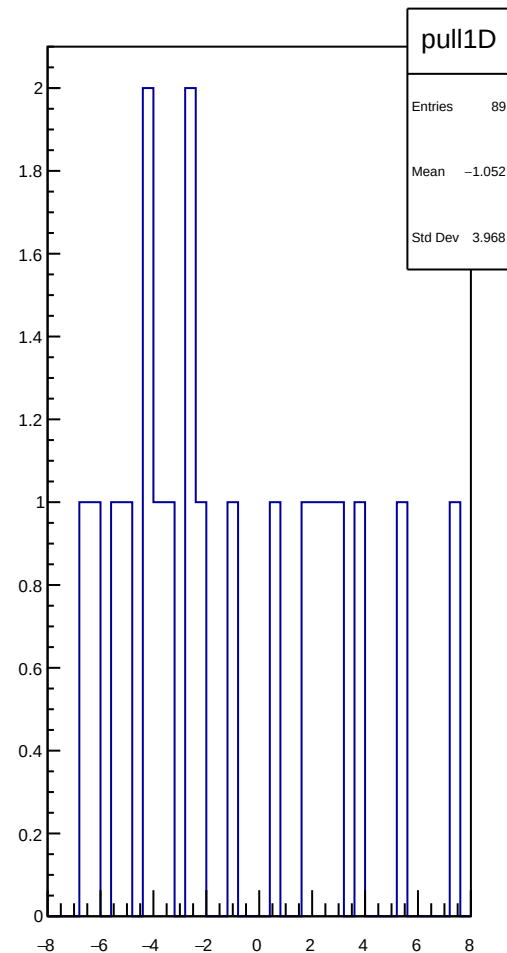
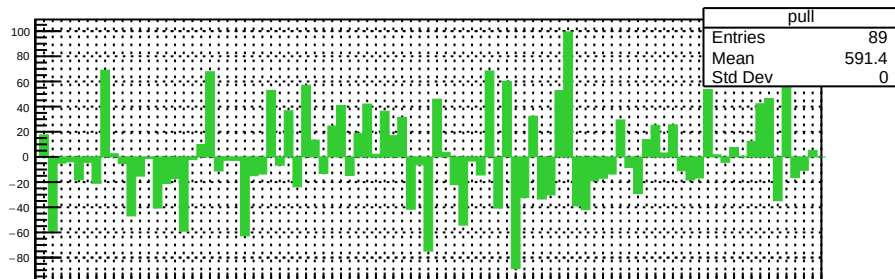
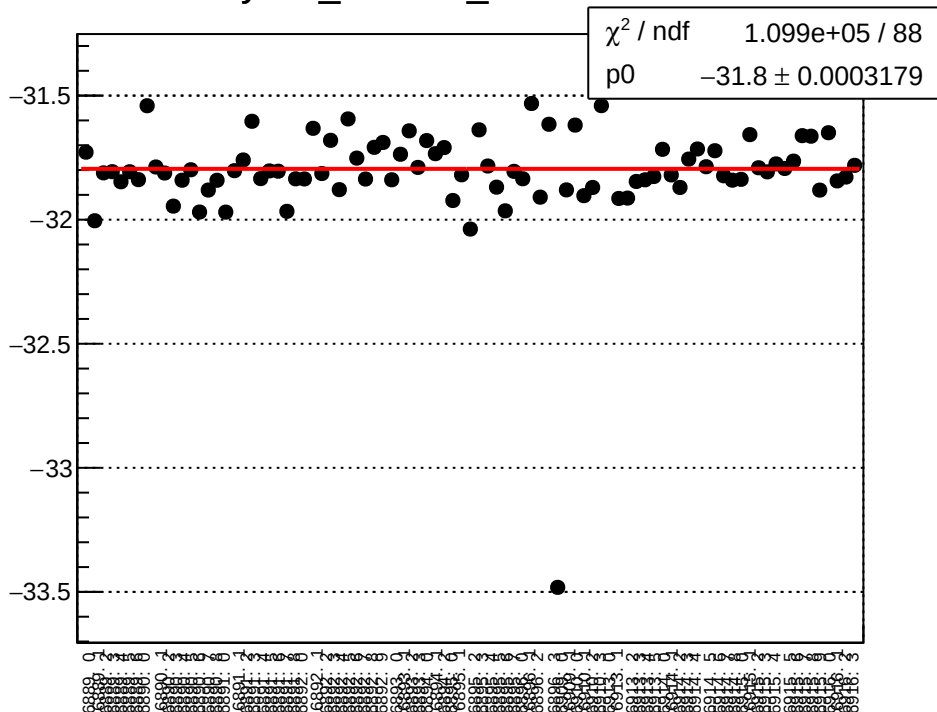
yield_cav4dX_mean vs run



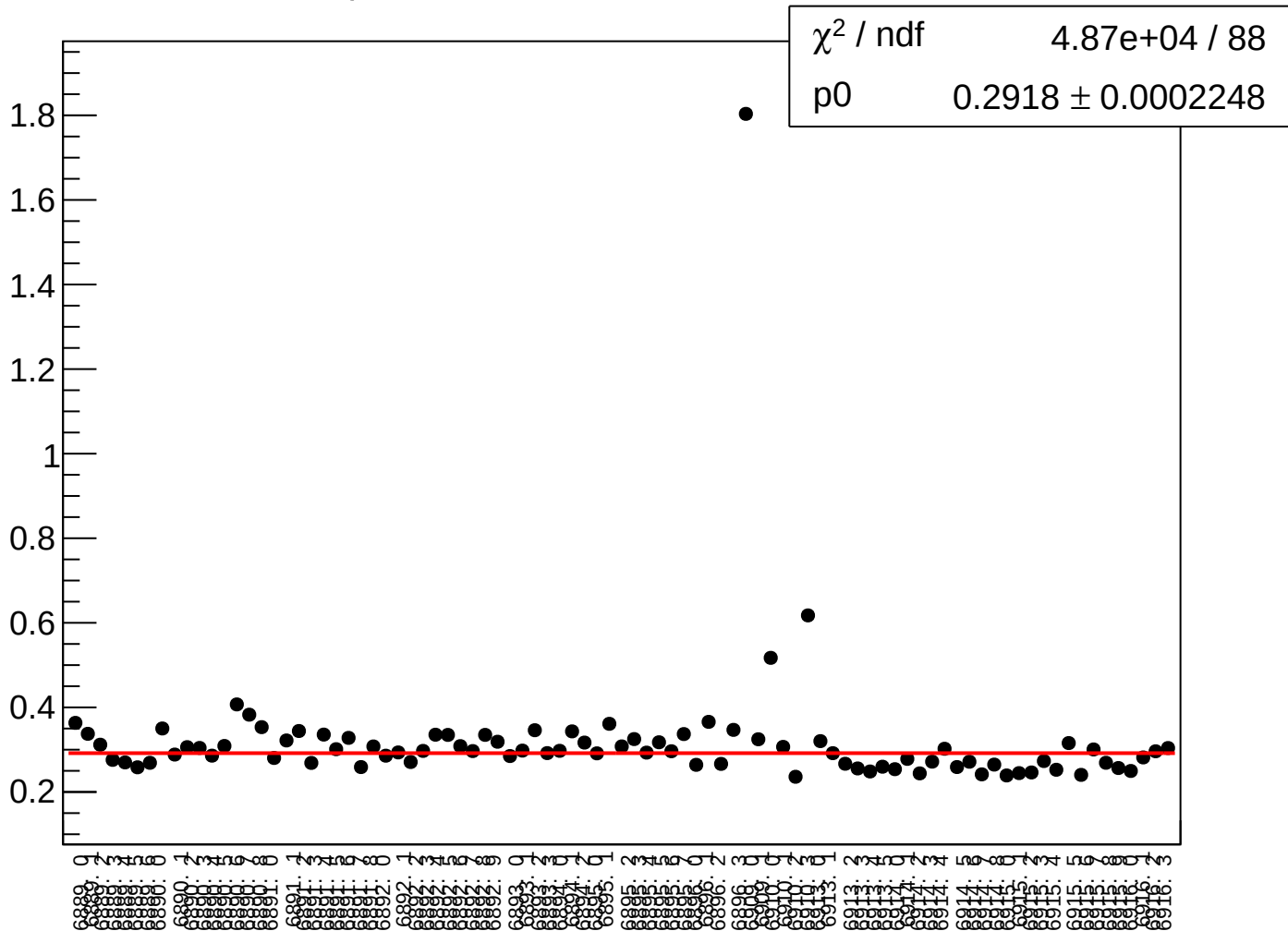
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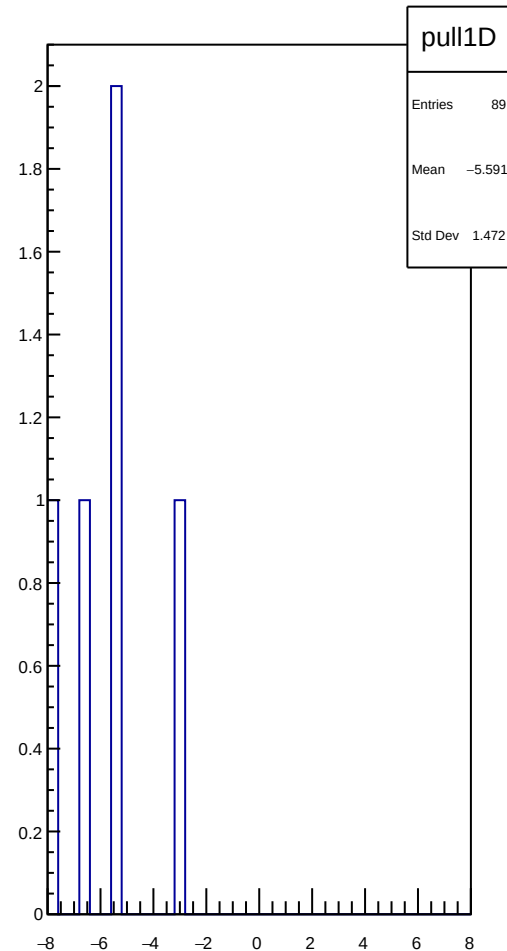
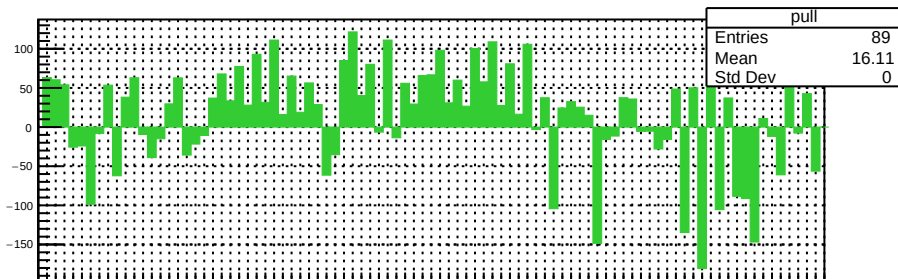
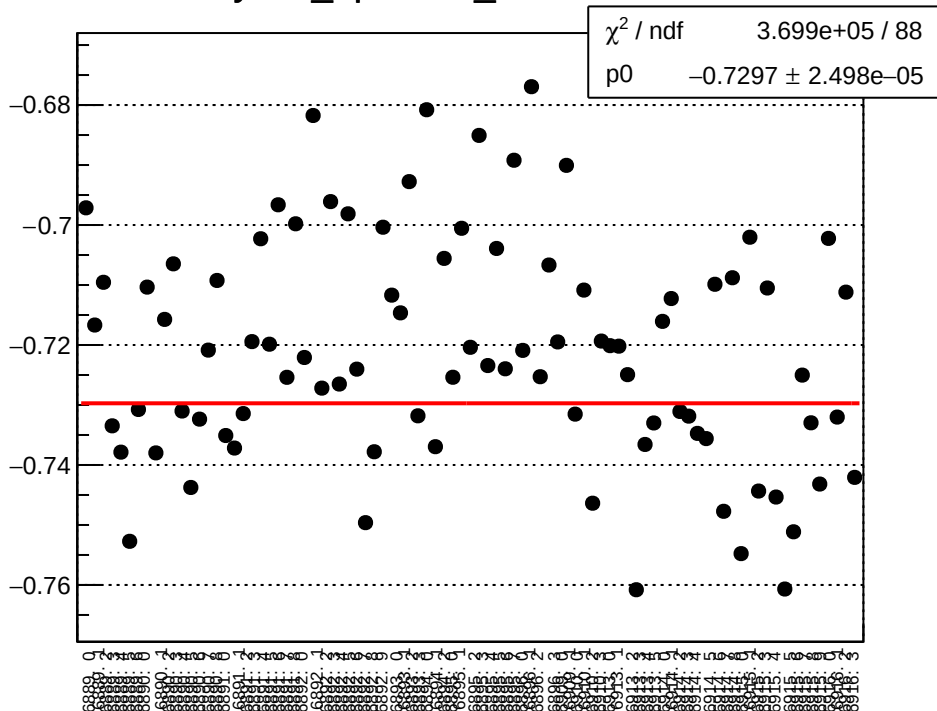
yield_cav4dY_mean vs run



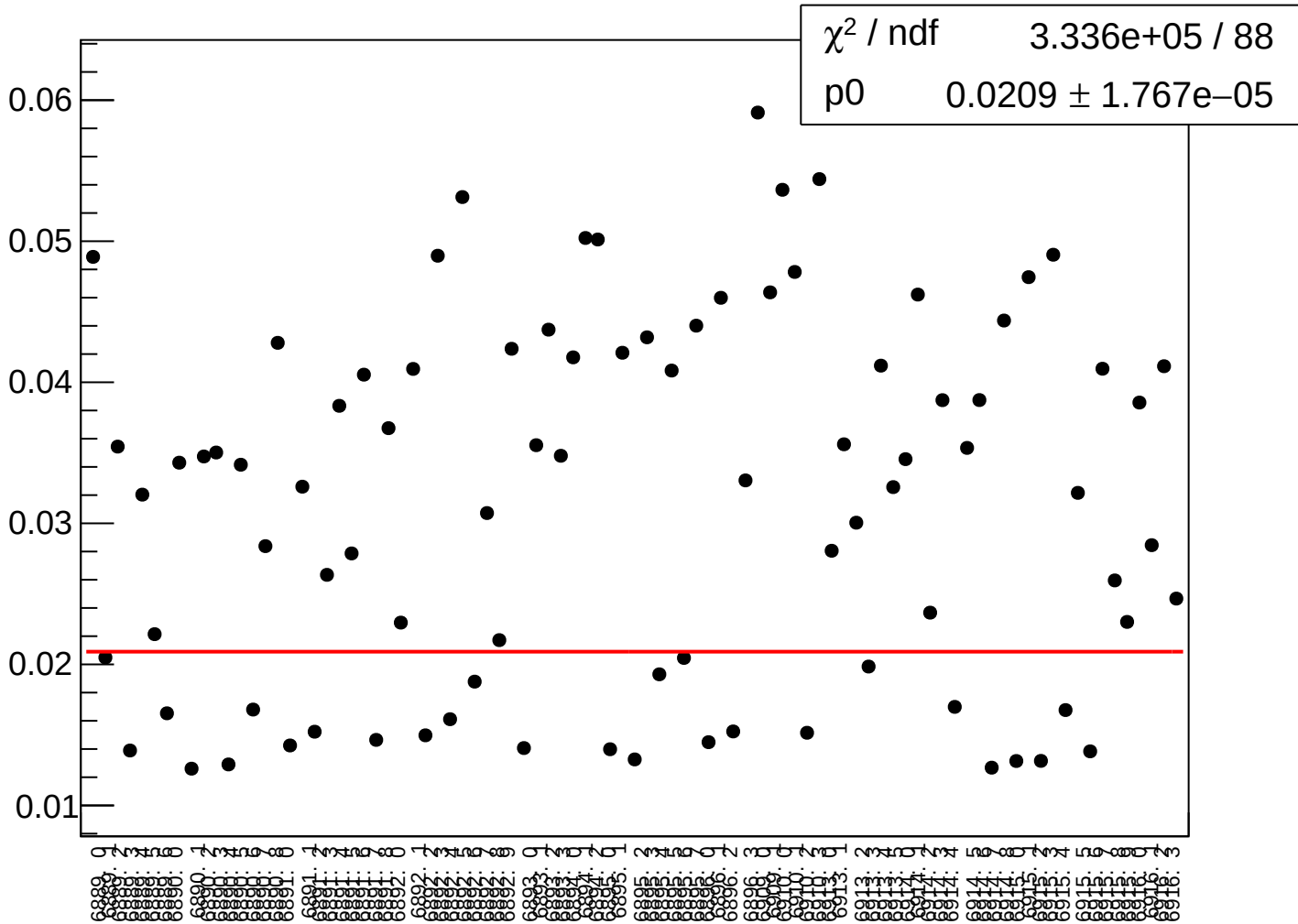
yield_cav4dY_rms vs run



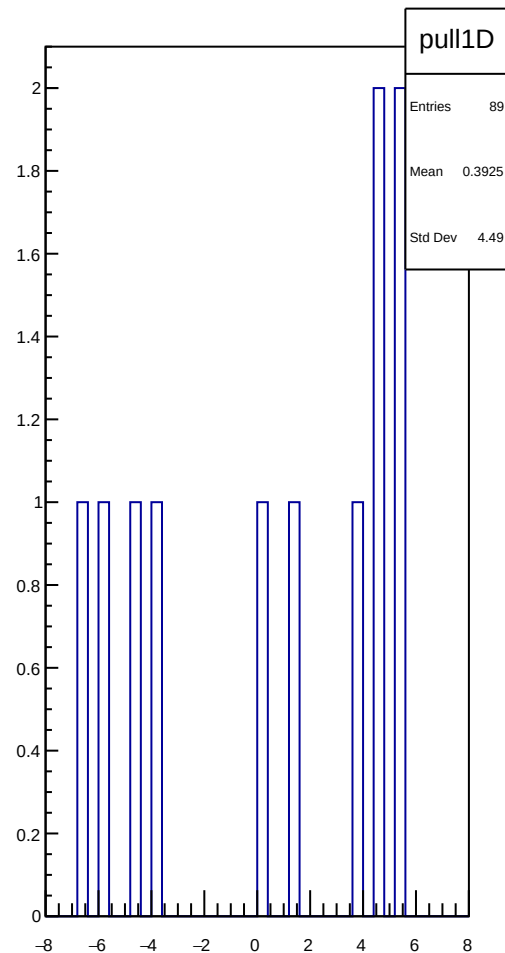
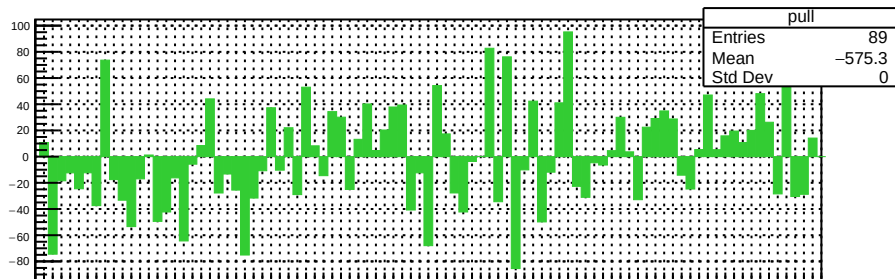
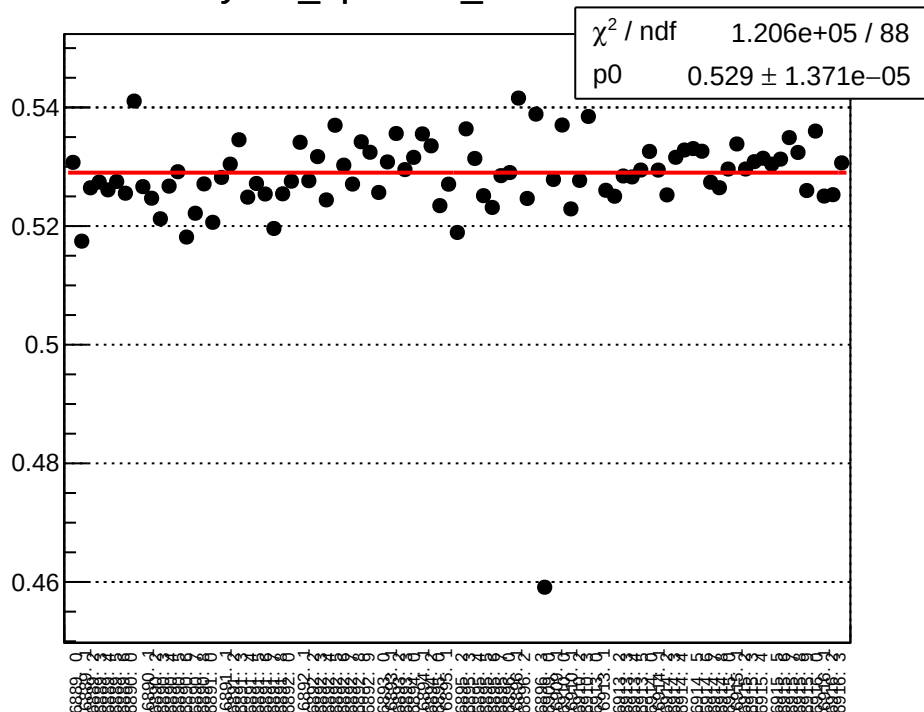
yield_bpm4aX_mean vs run



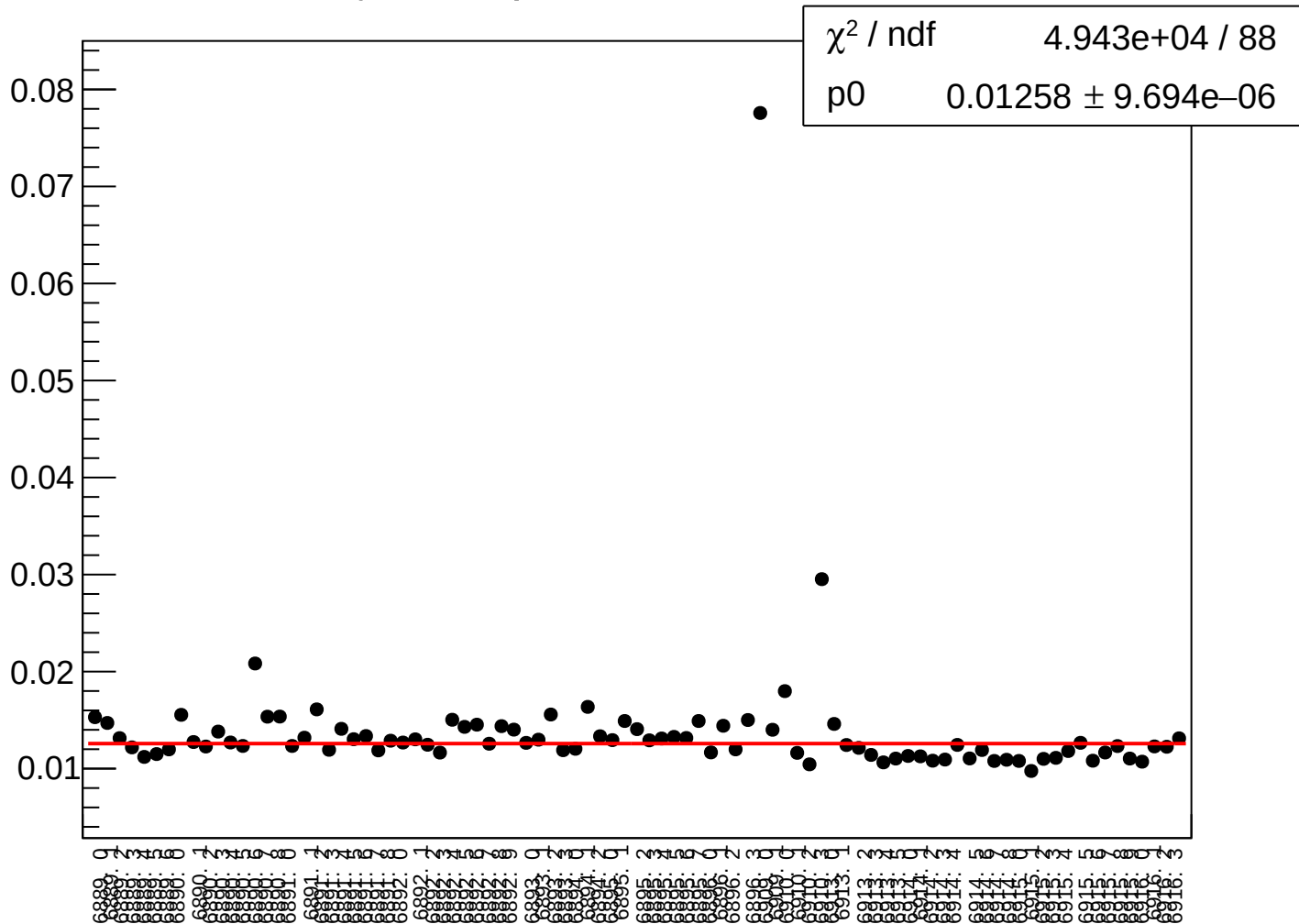
yield_bpm4aX_rms vs run



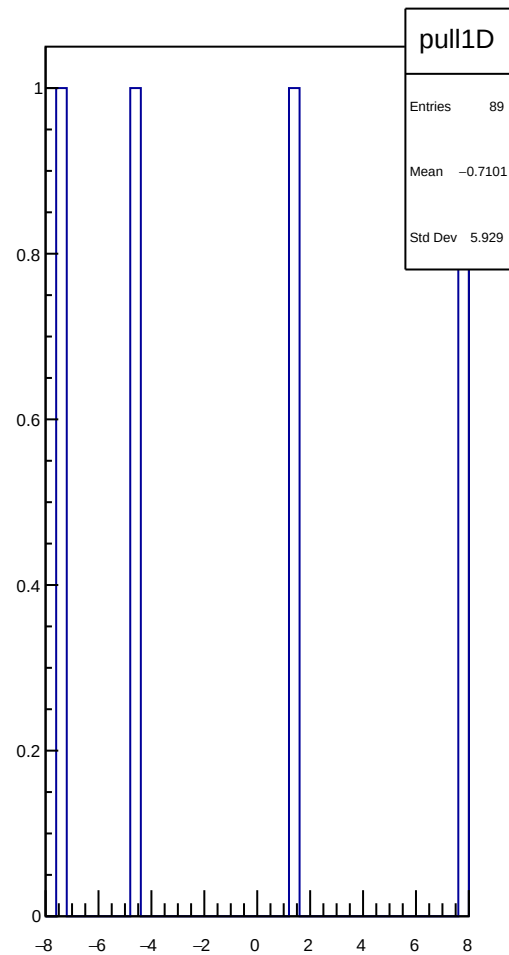
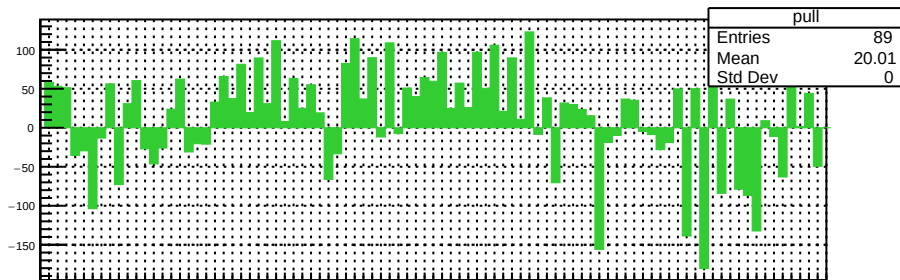
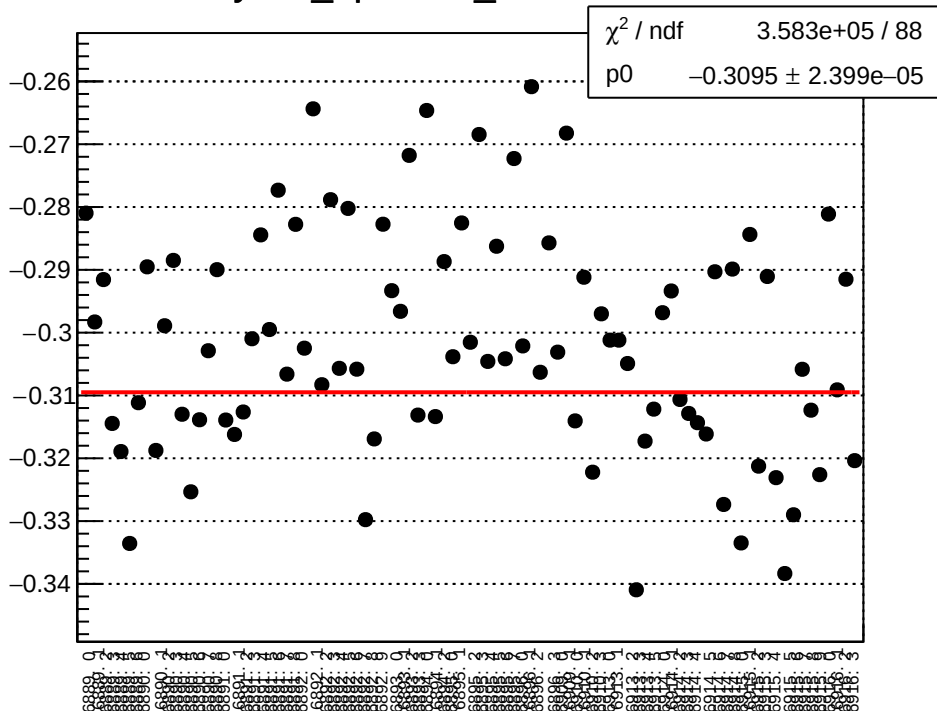
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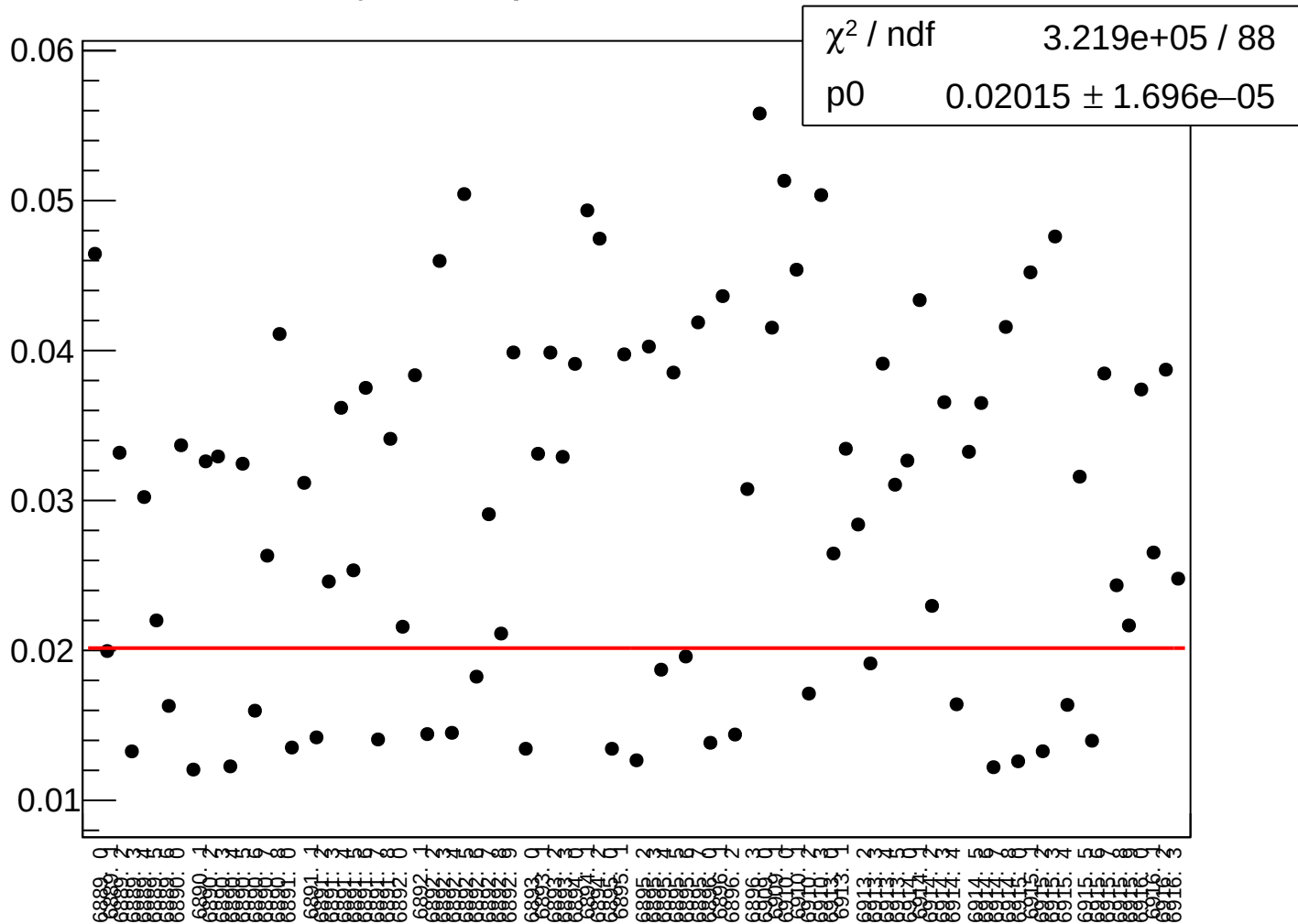
yield_bpm4aY_rms vs run



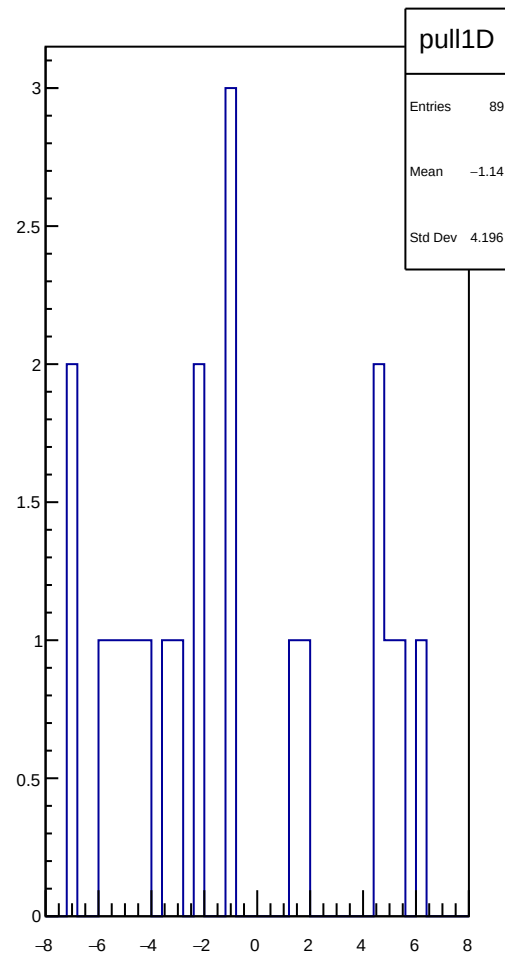
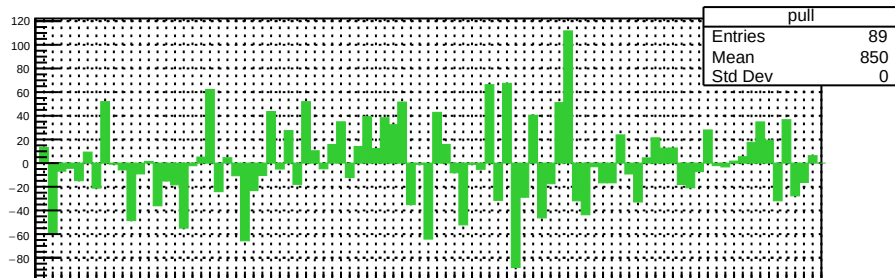
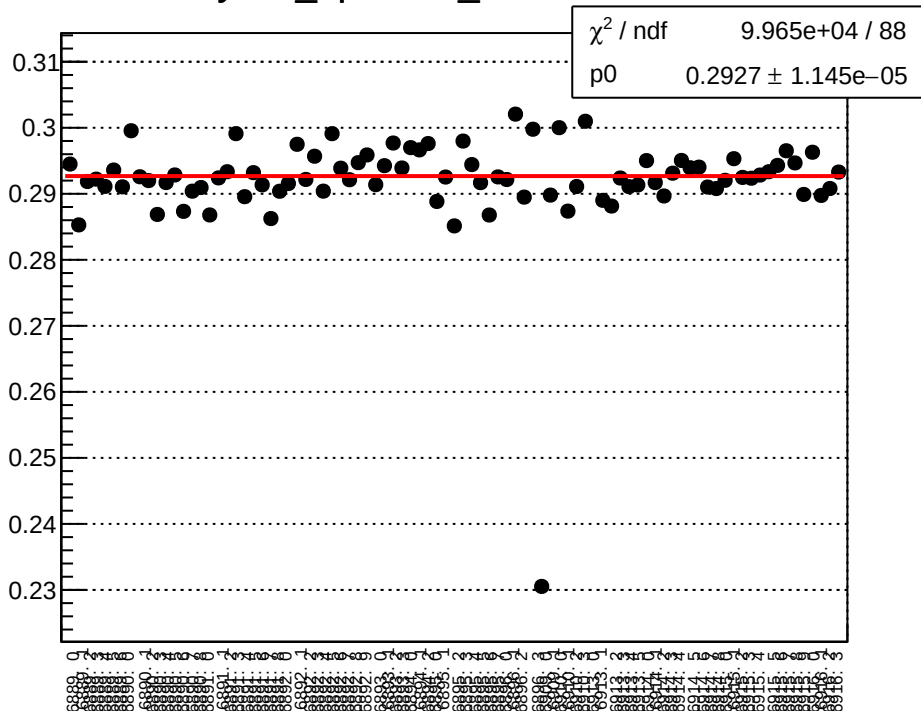
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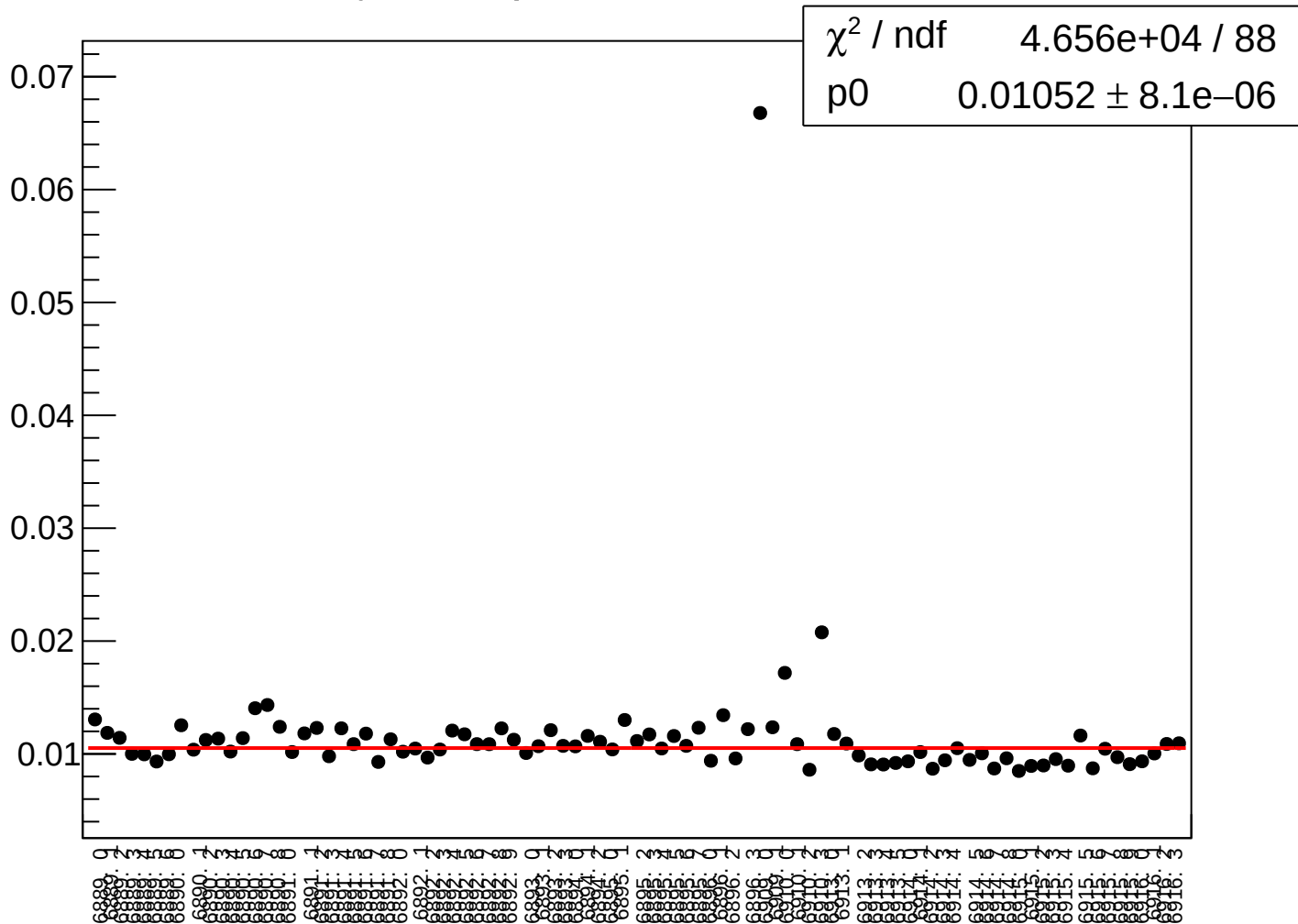
yield_bpm4eX_rms vs run



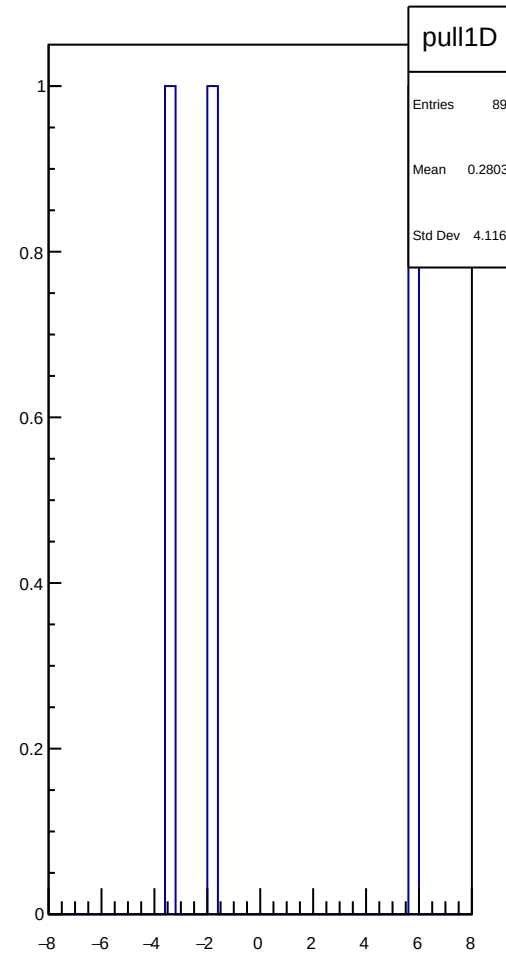
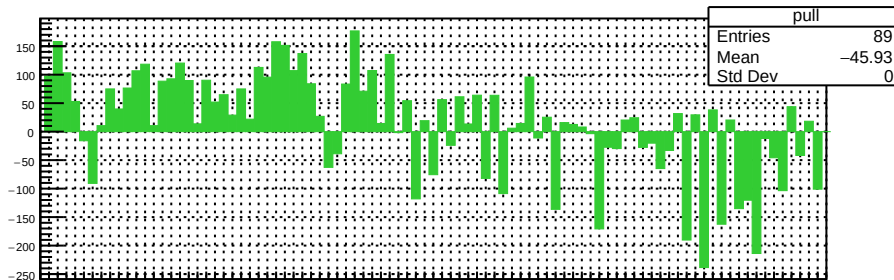
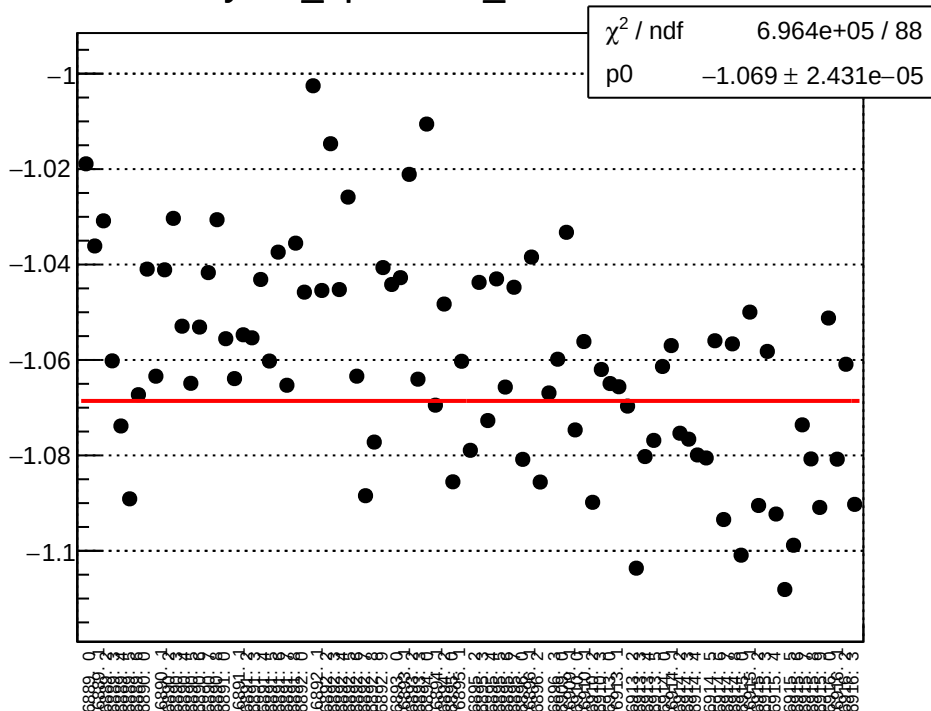
yield_bpm4eY_mean vs run



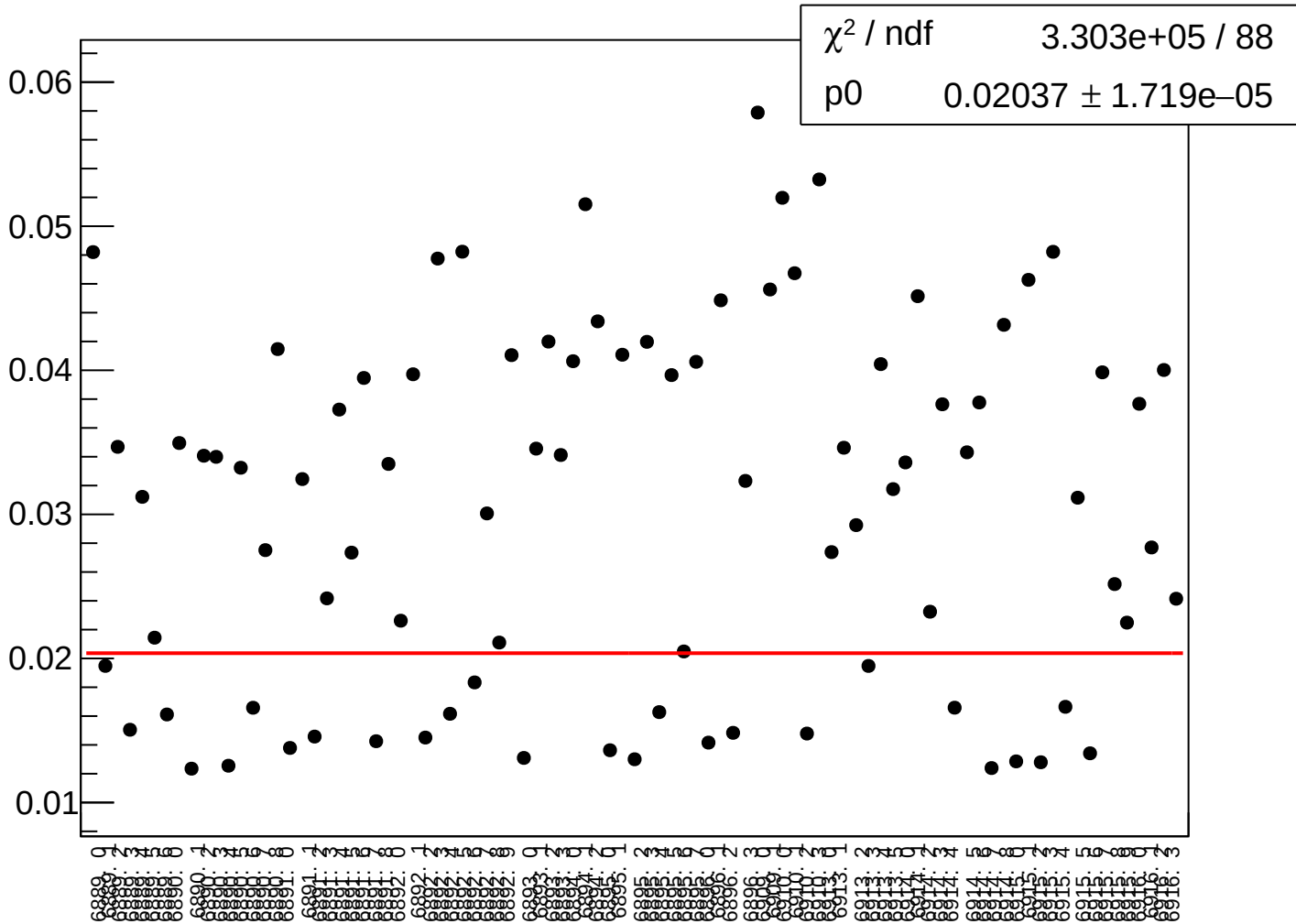
yield_bpm4eY_rms vs run



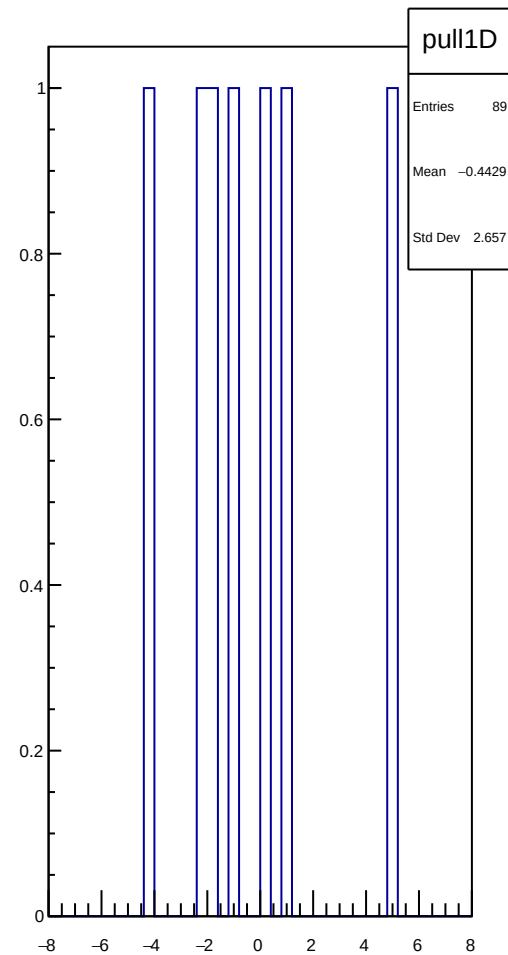
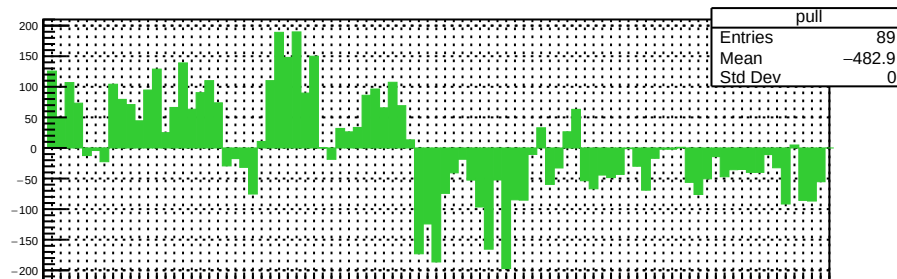
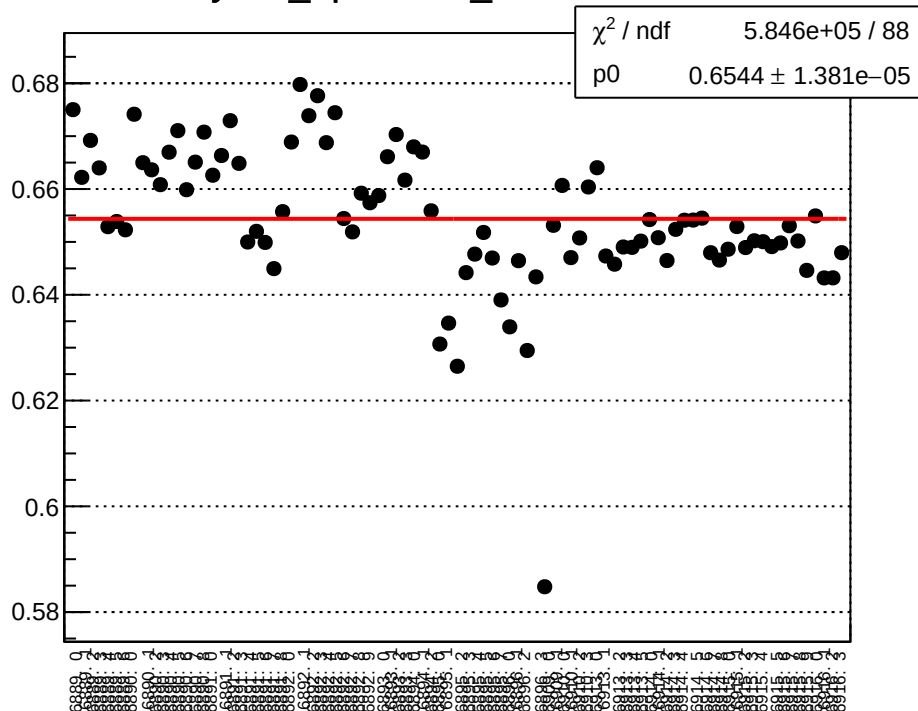
yield_bpm4acX_mean vs run



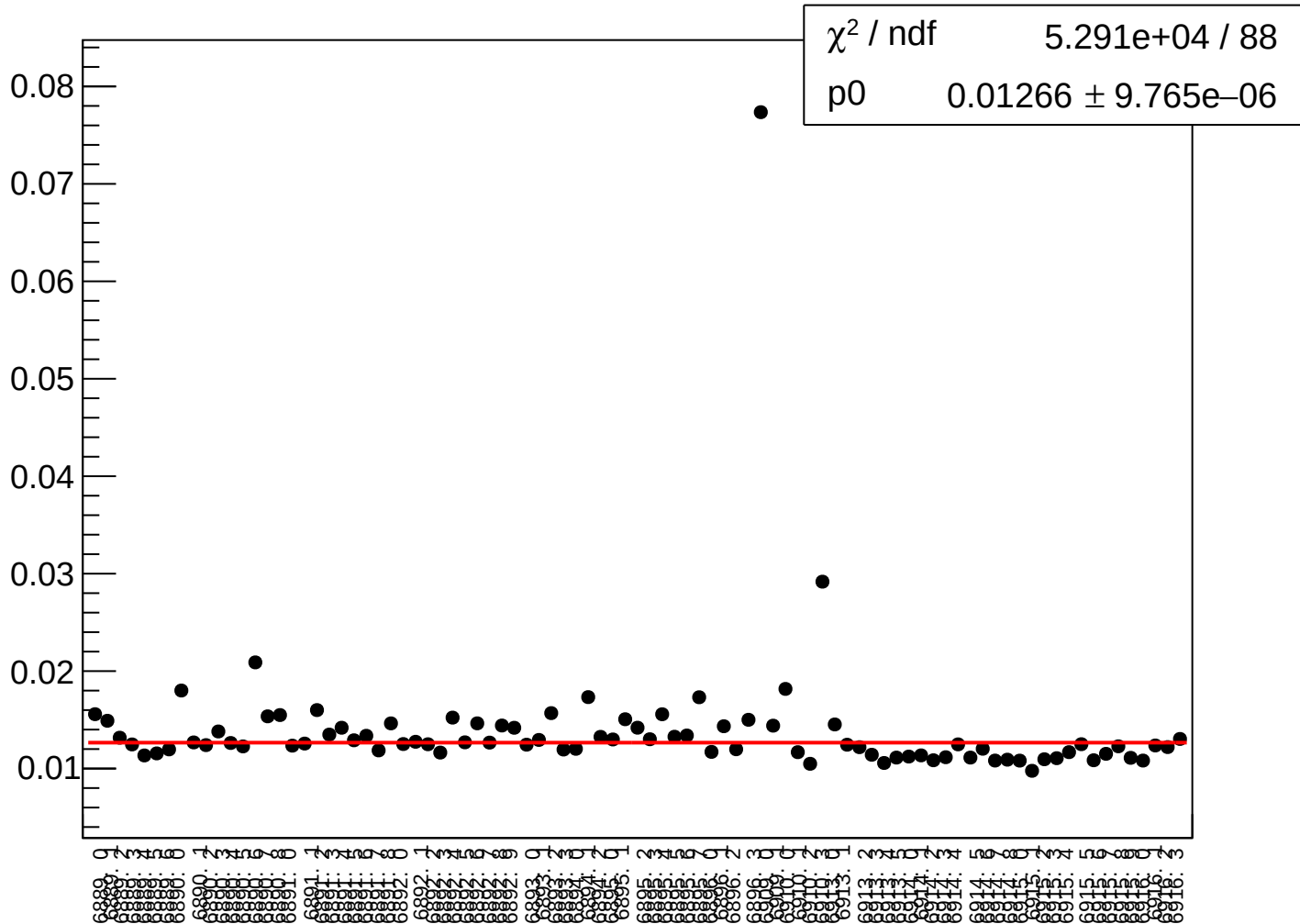
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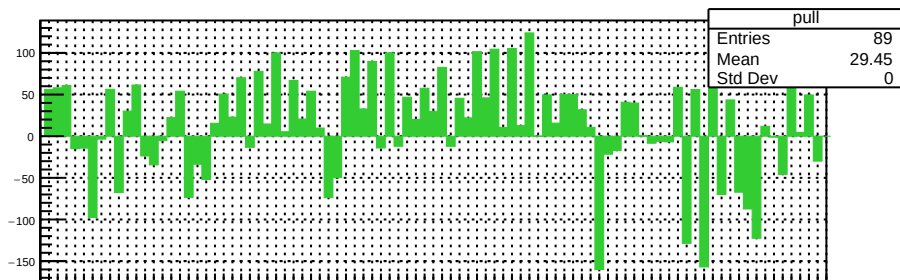
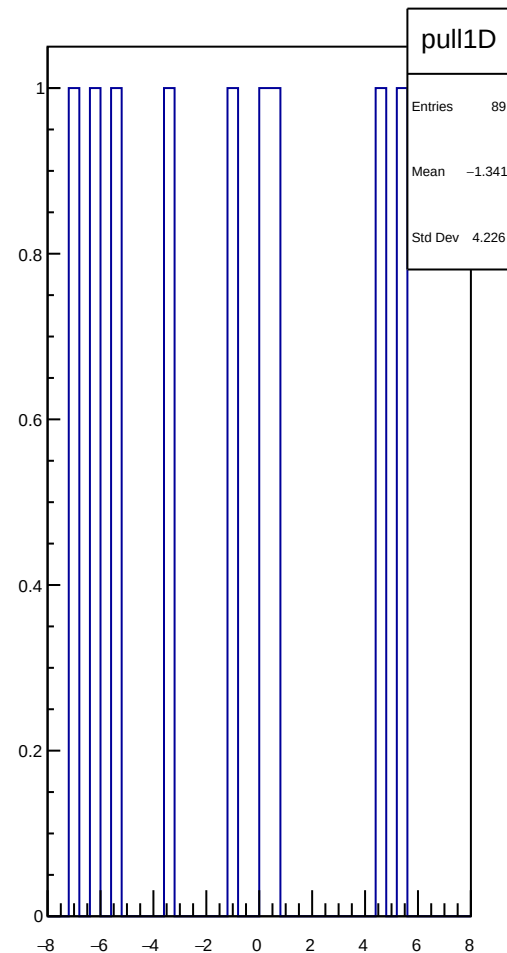
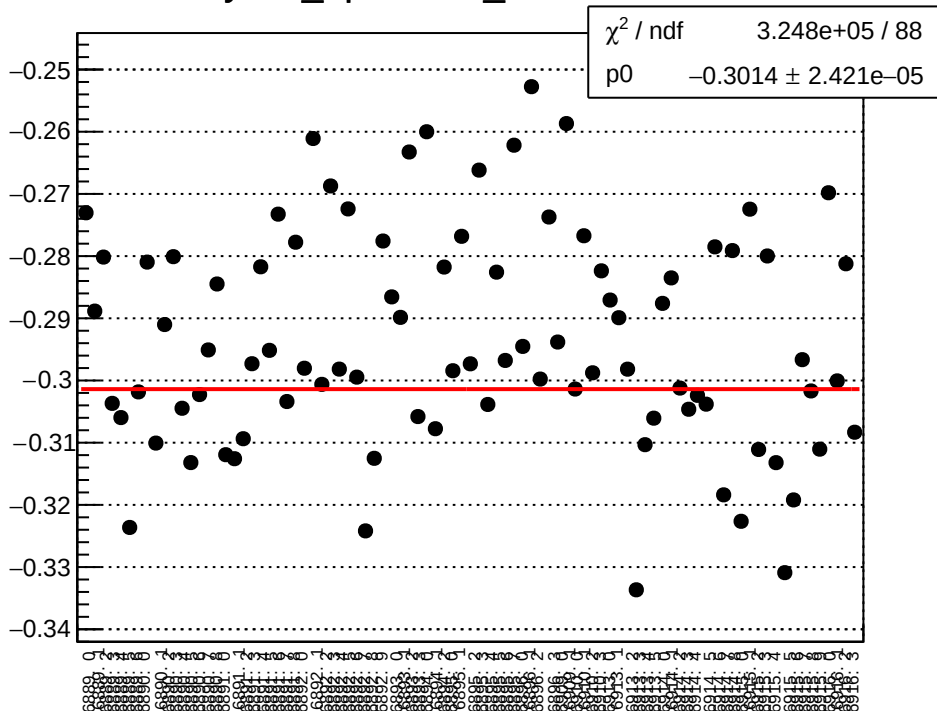
yield_bpm4acY_mean vs run



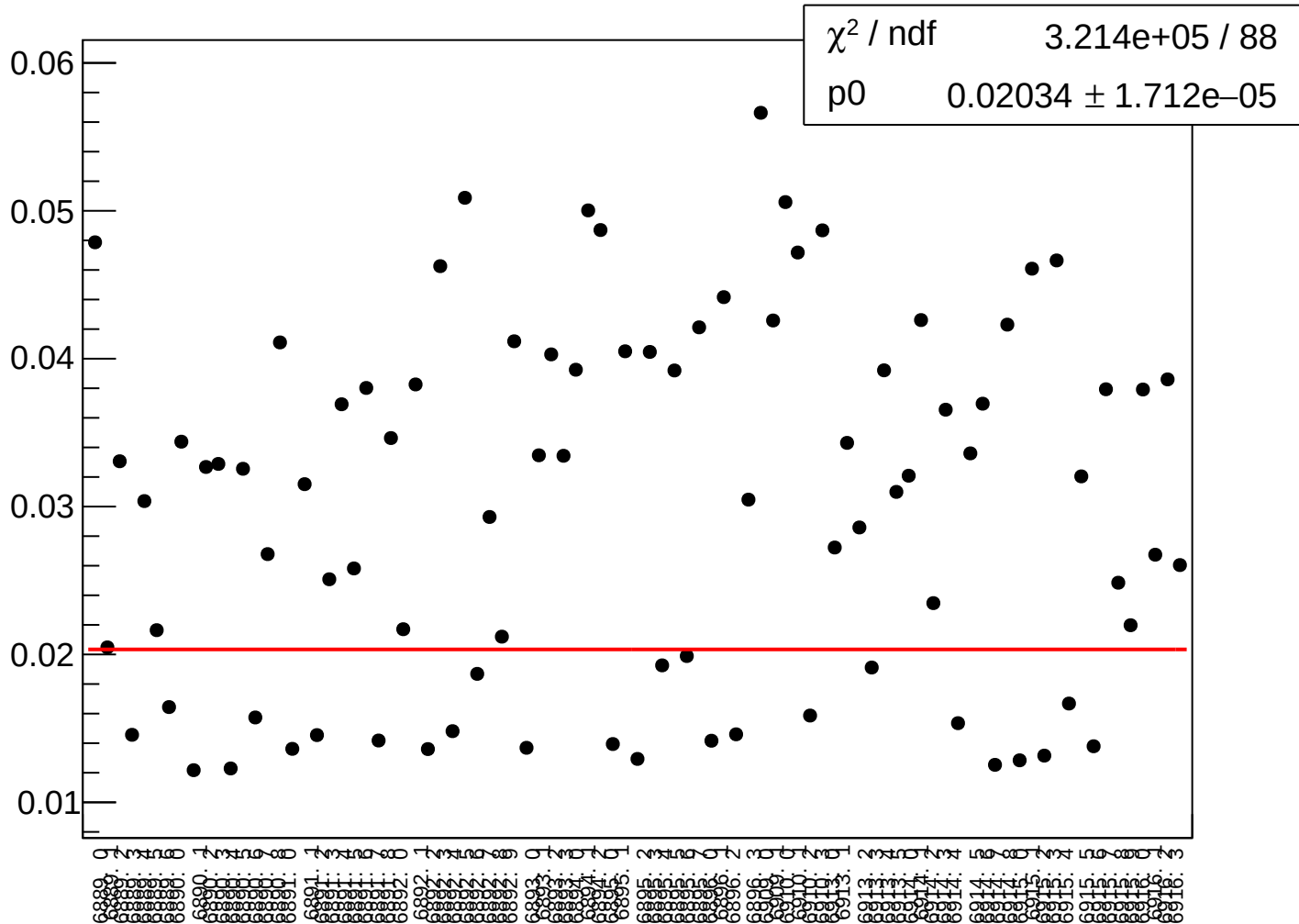
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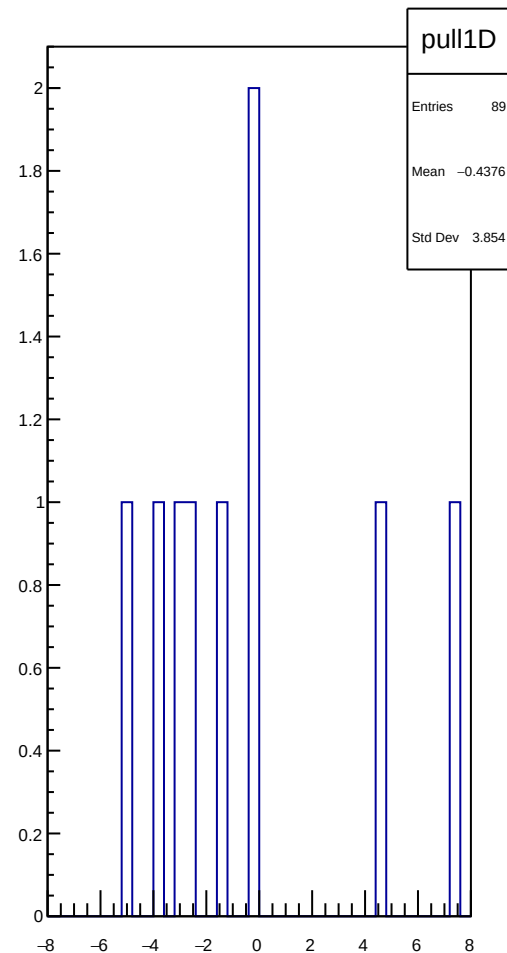
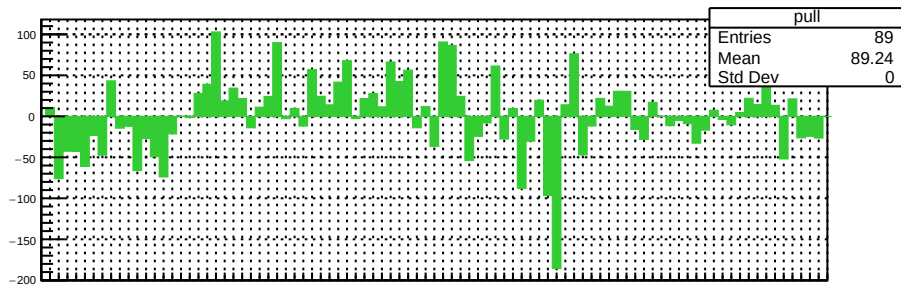
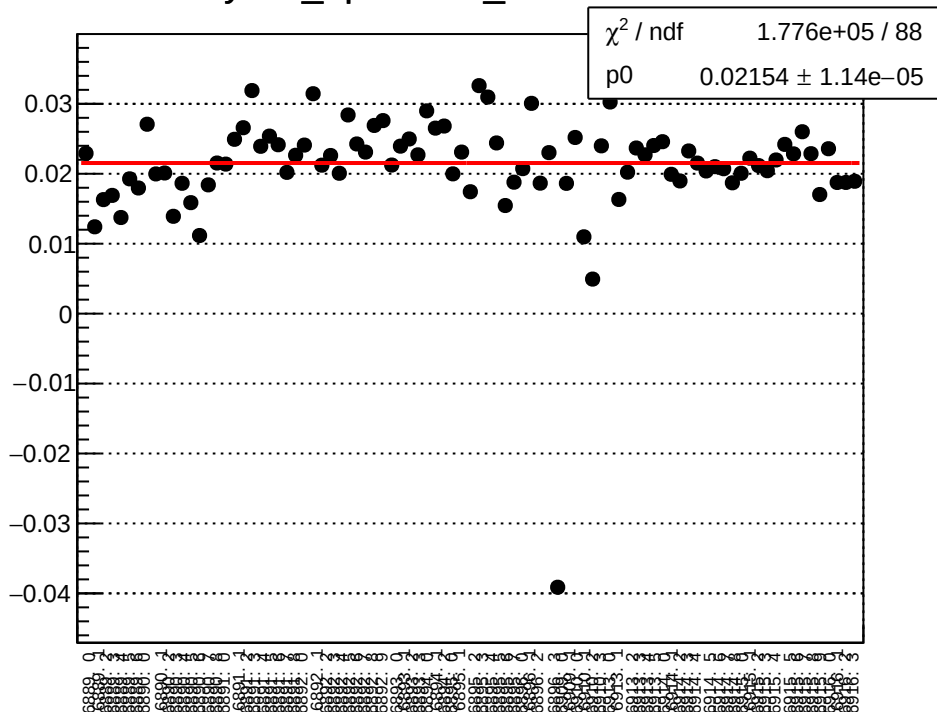
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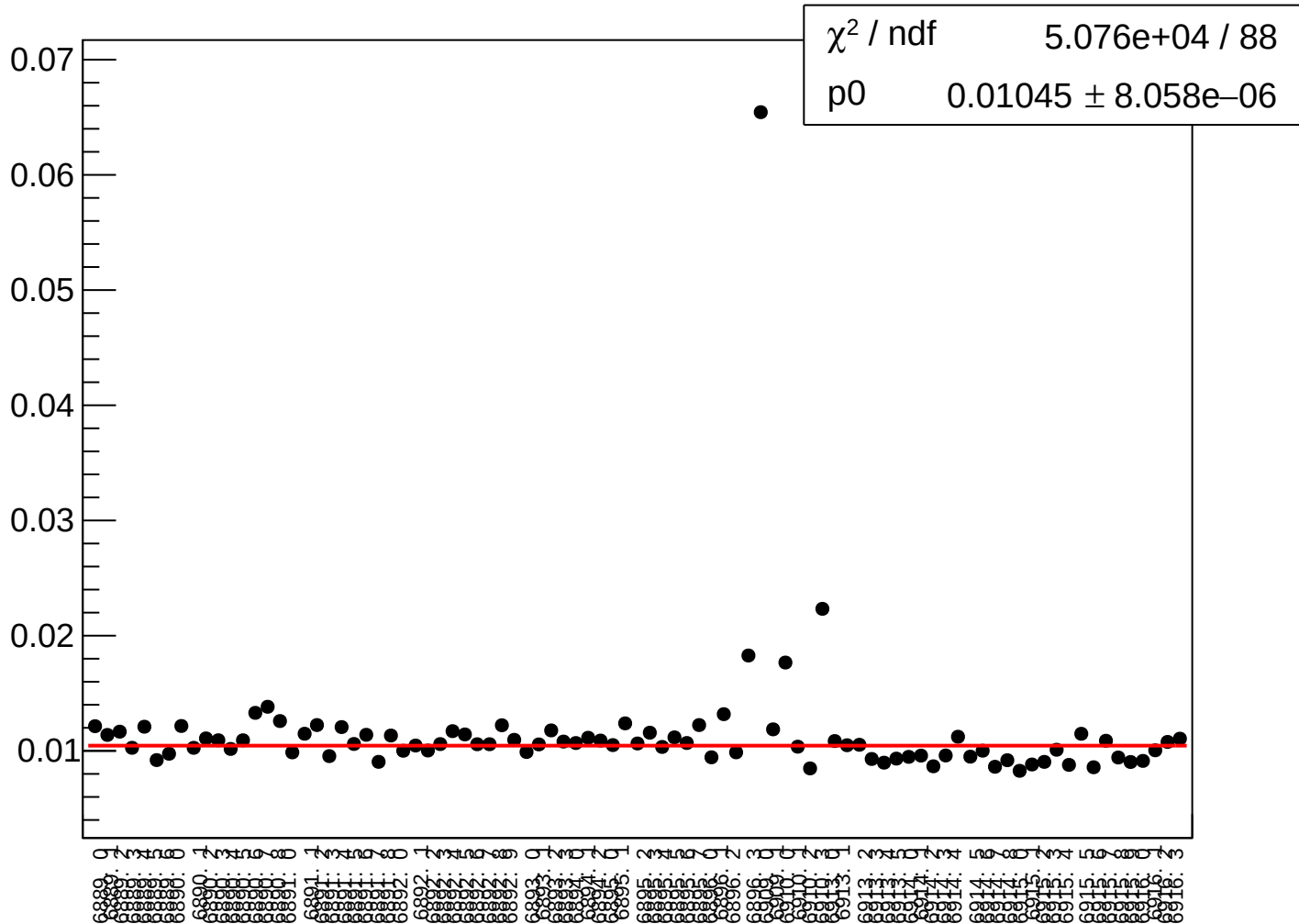
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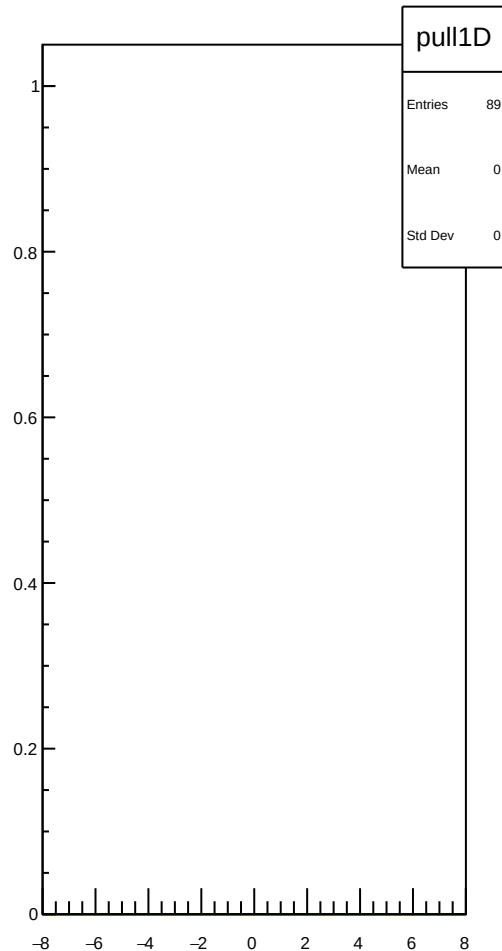
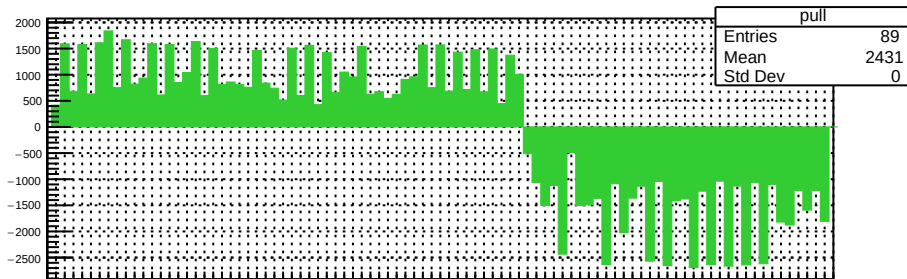
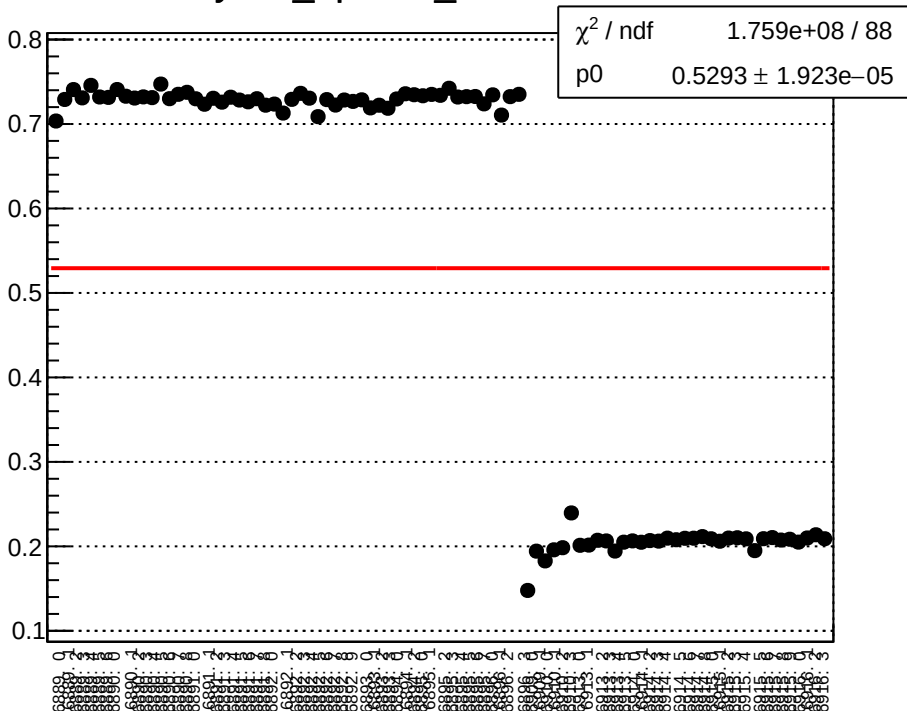
yield_bpm4ecY_mean vs run



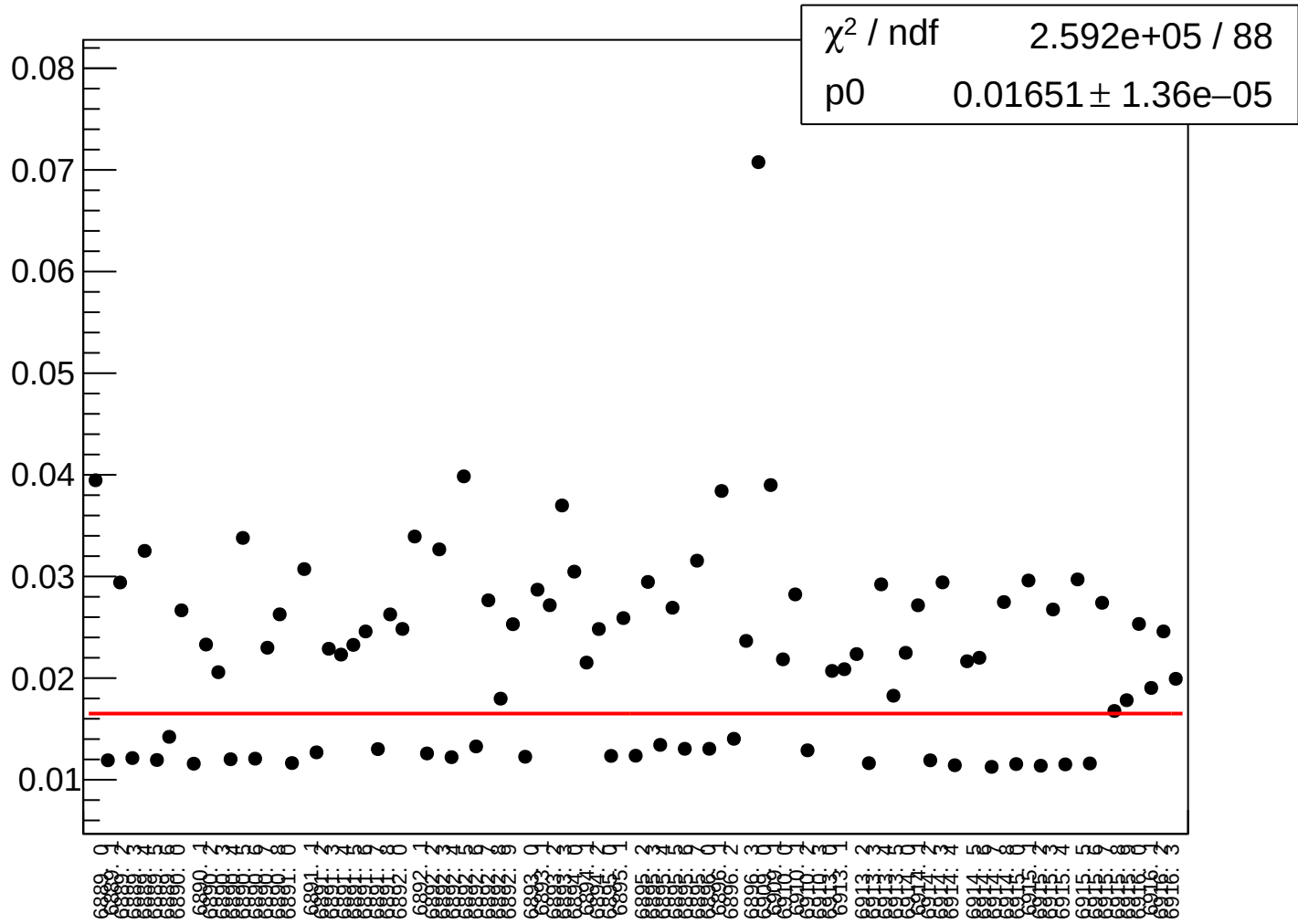
yield_bpm4ecY_rms vs run



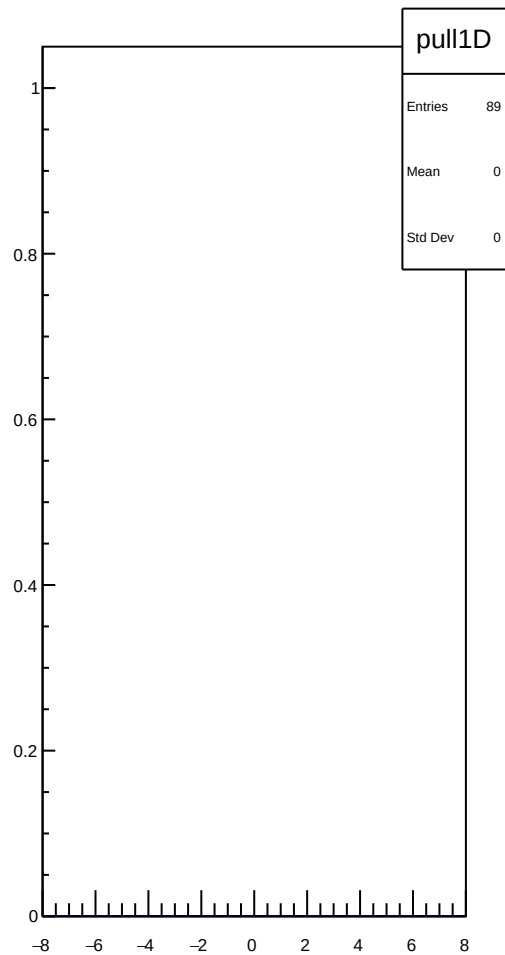
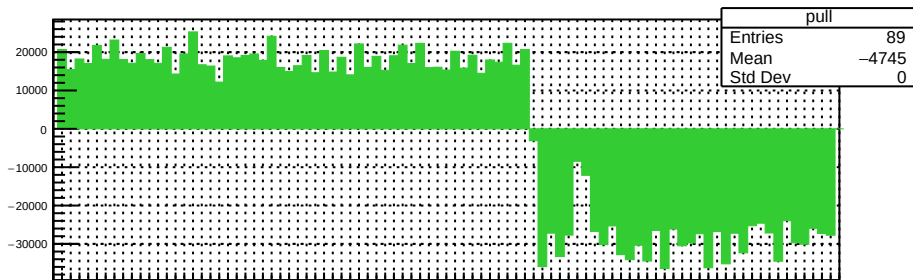
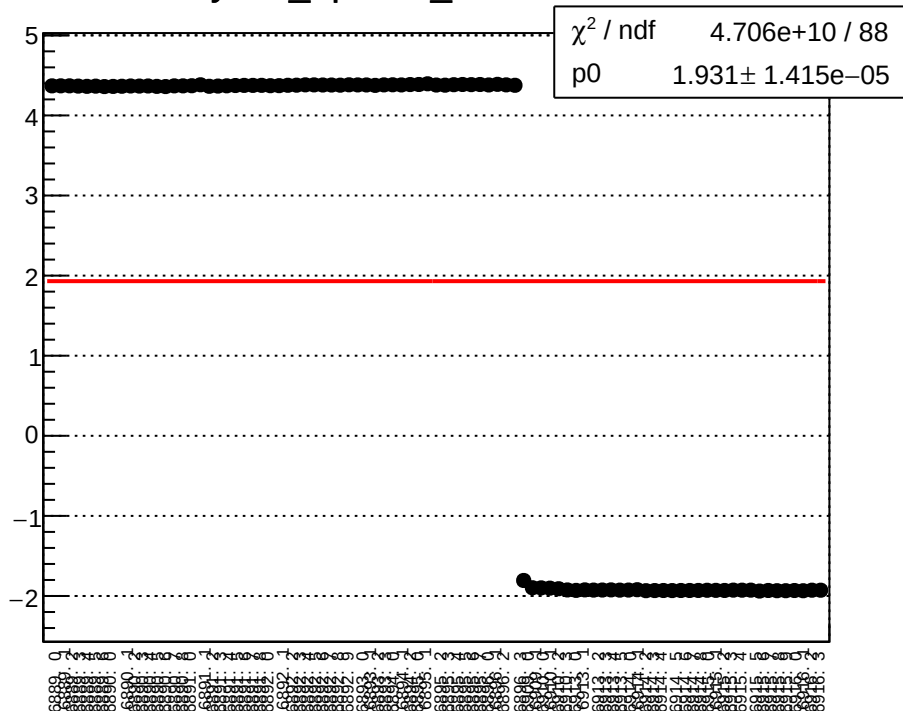
yield_bpm1X_mean vs run



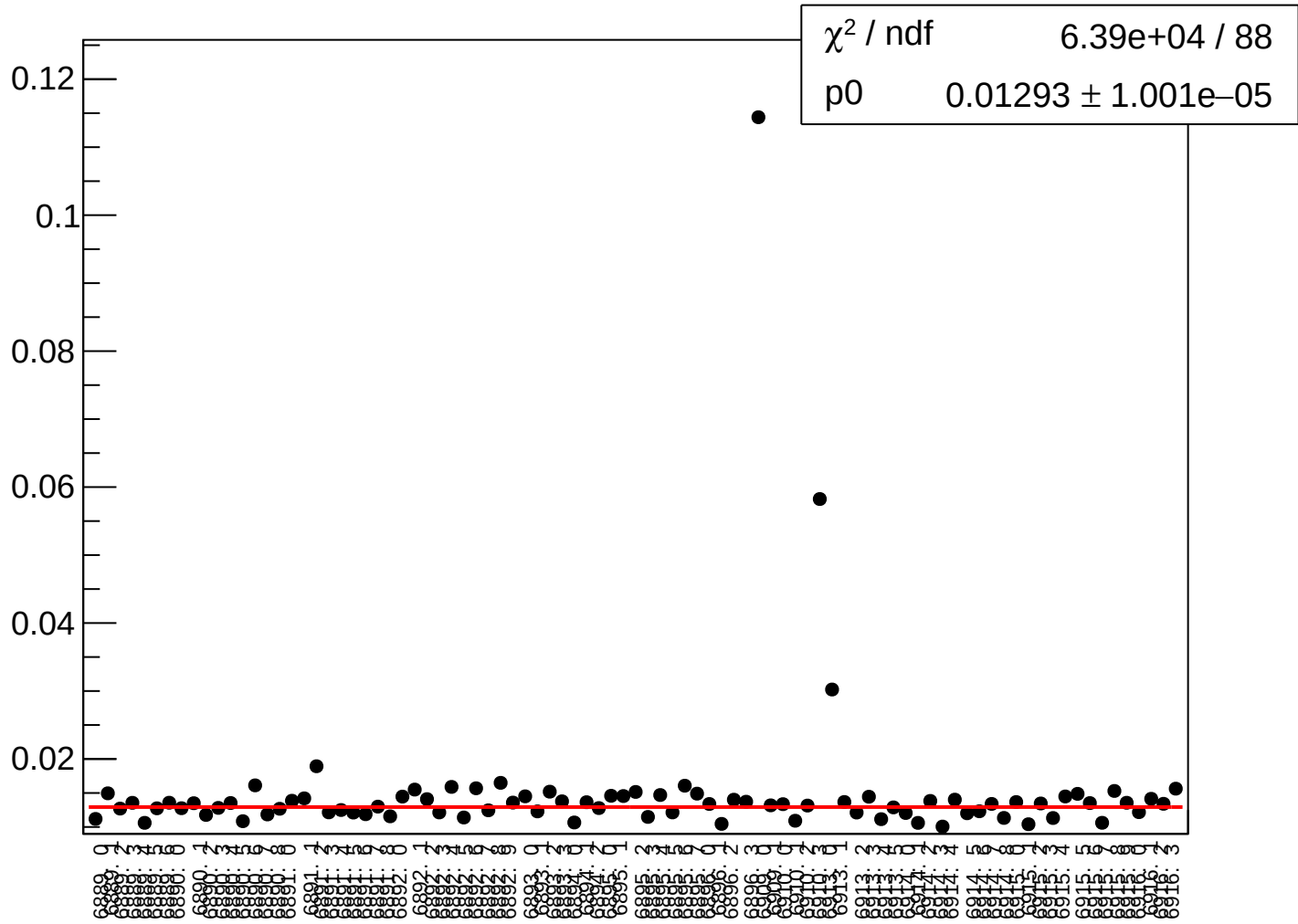
yield_bpm1X_rms vs run



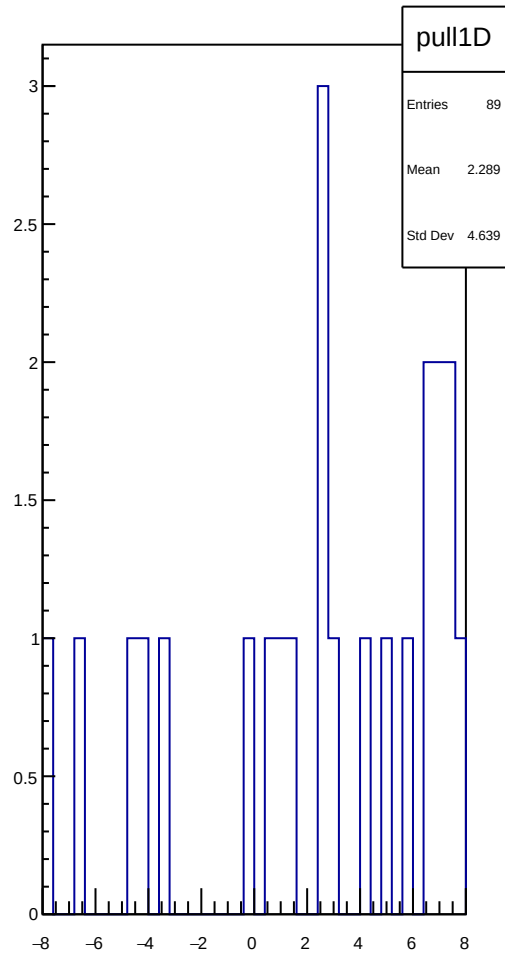
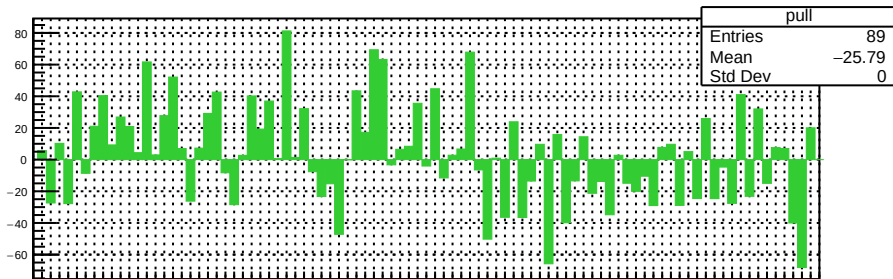
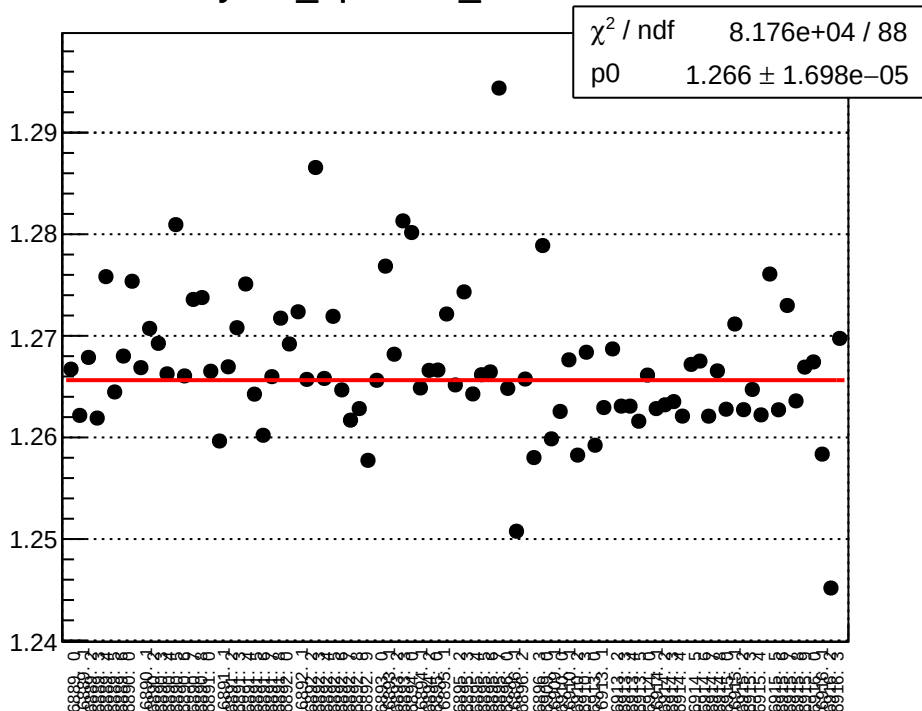
yield_bpm1Y_mean vs run



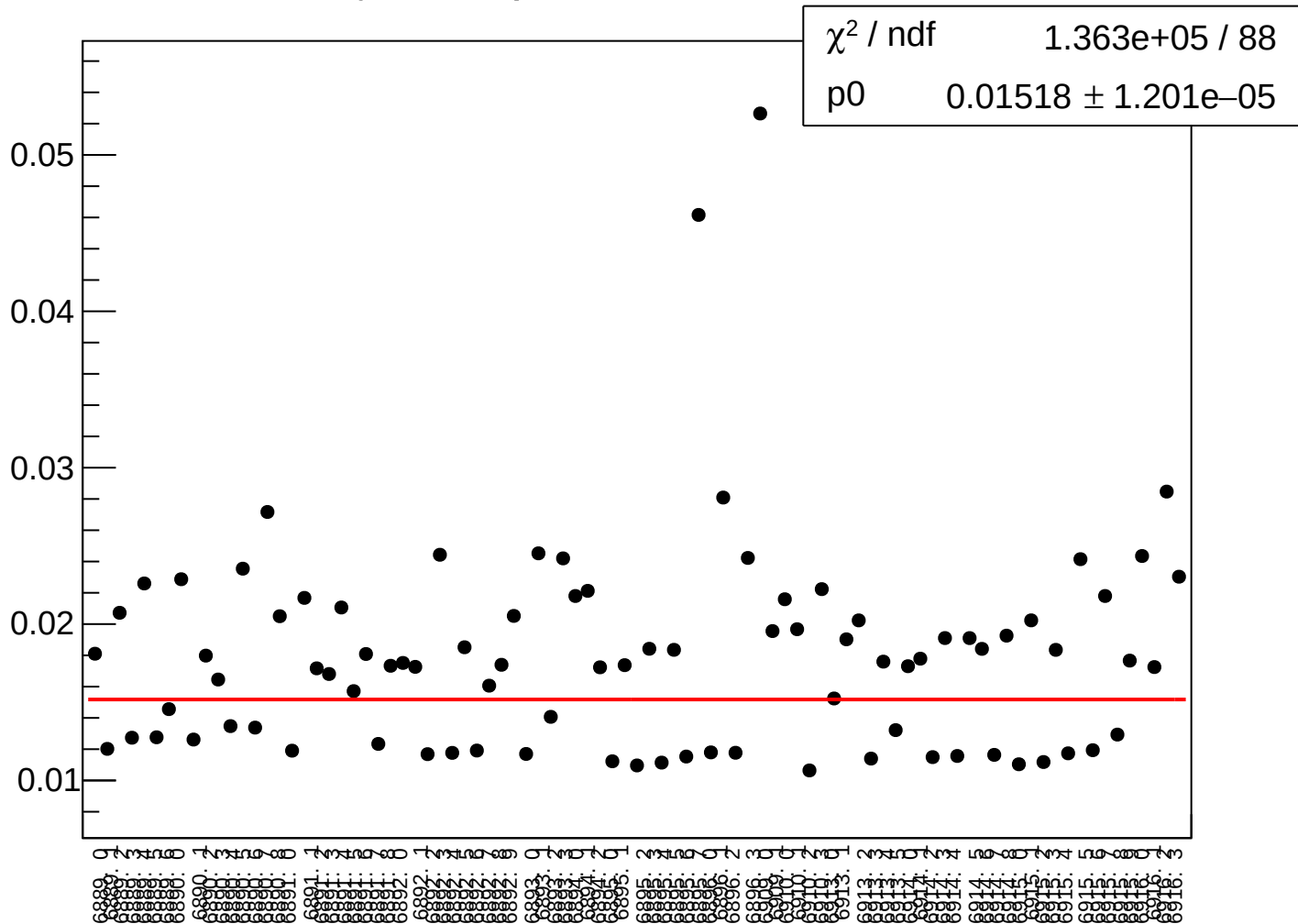
yield_bpm1Y_rms vs run



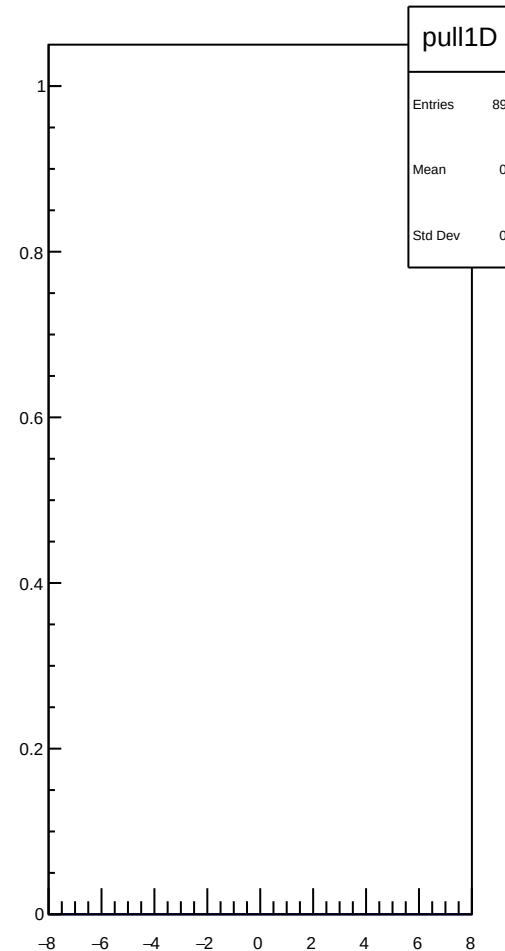
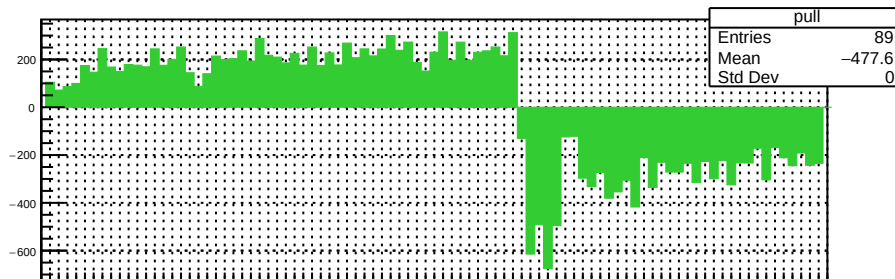
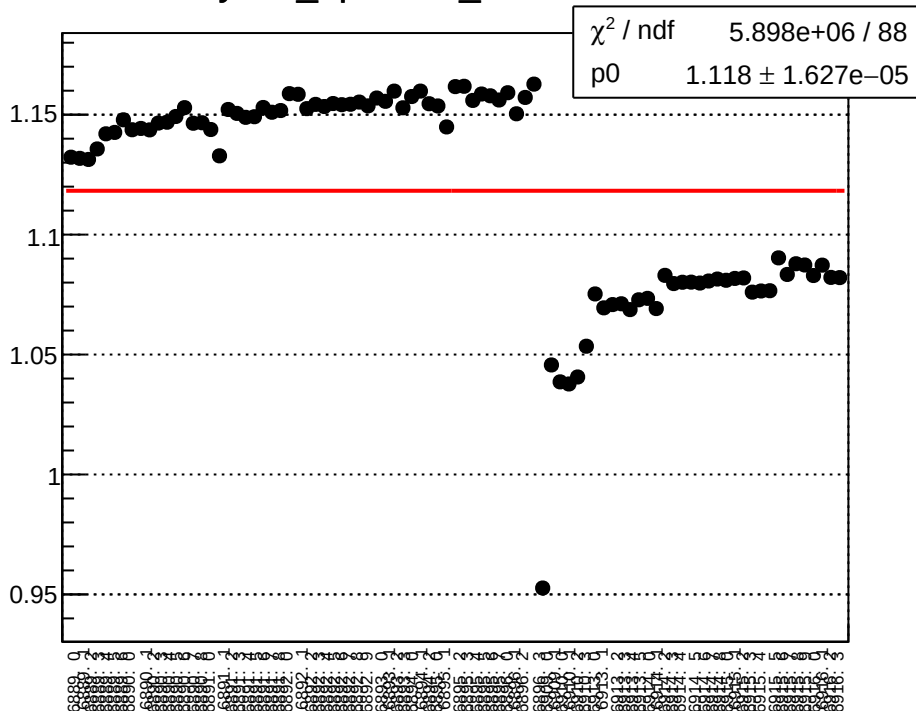
yield_bpm11X_mean vs run



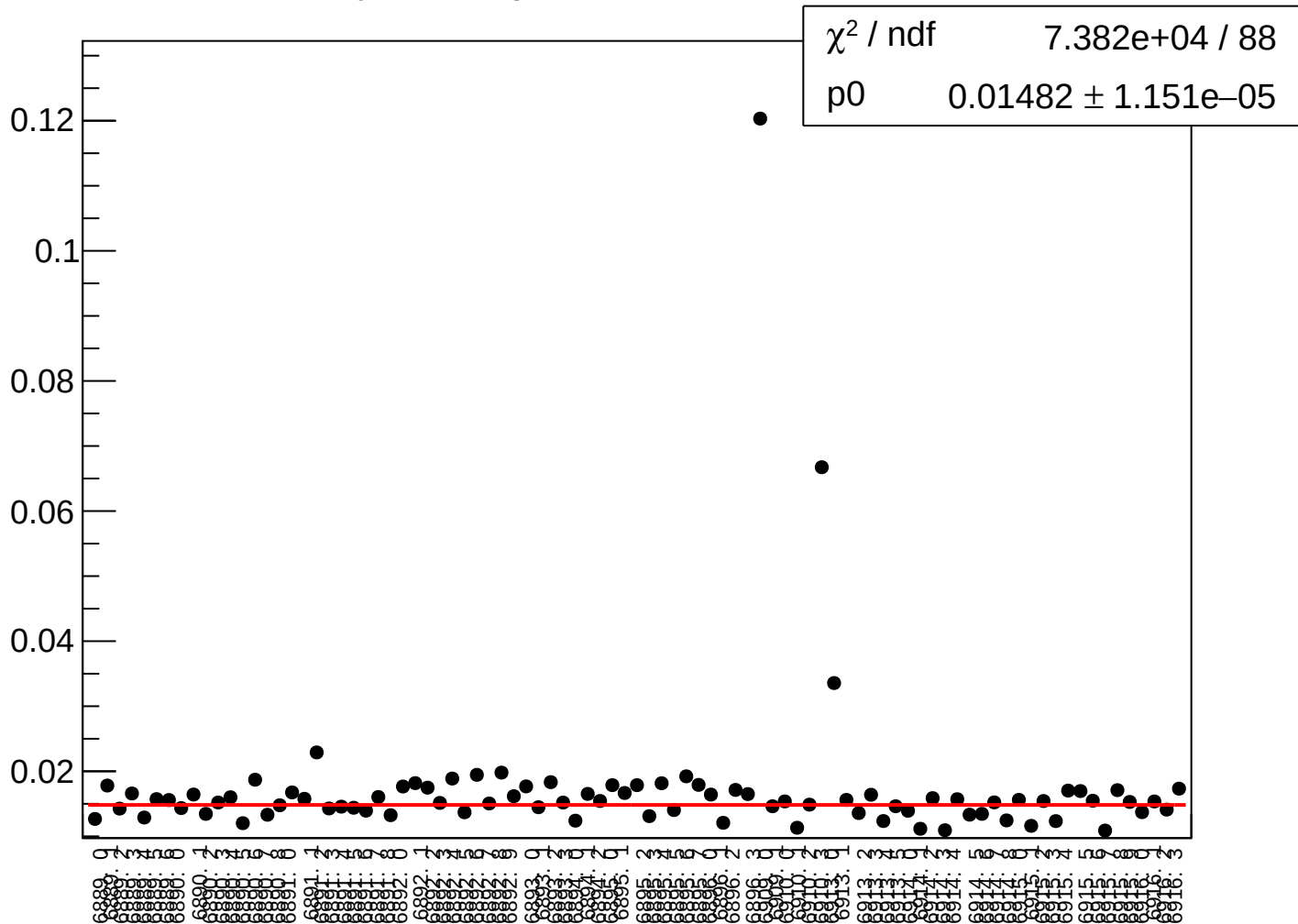
yield_bpm11X_rms vs run



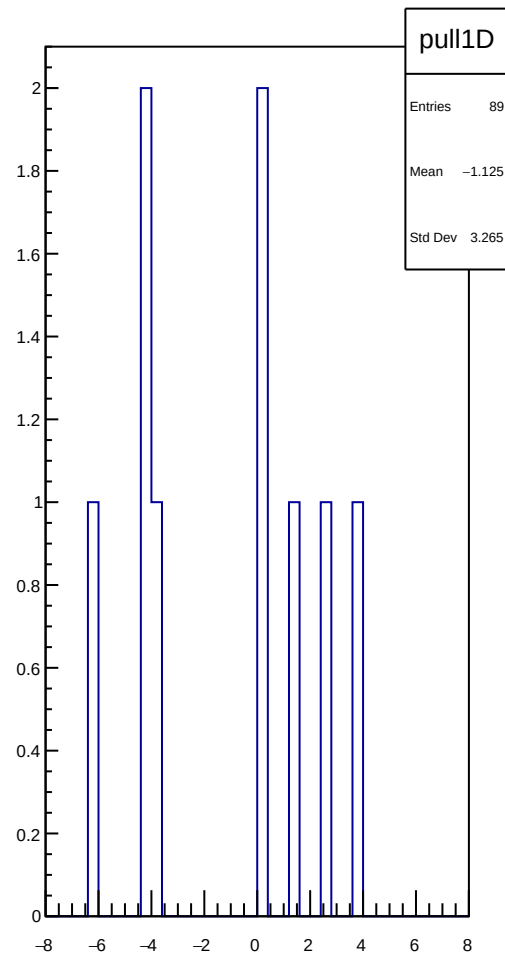
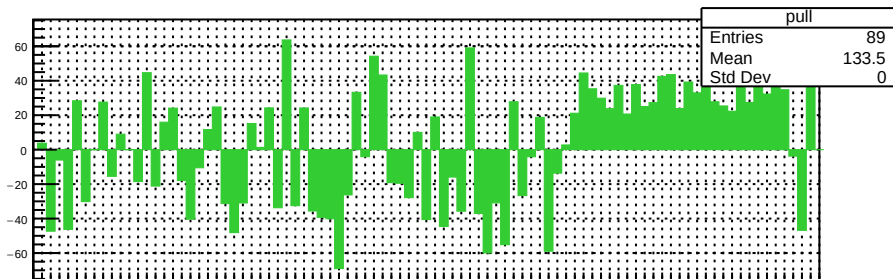
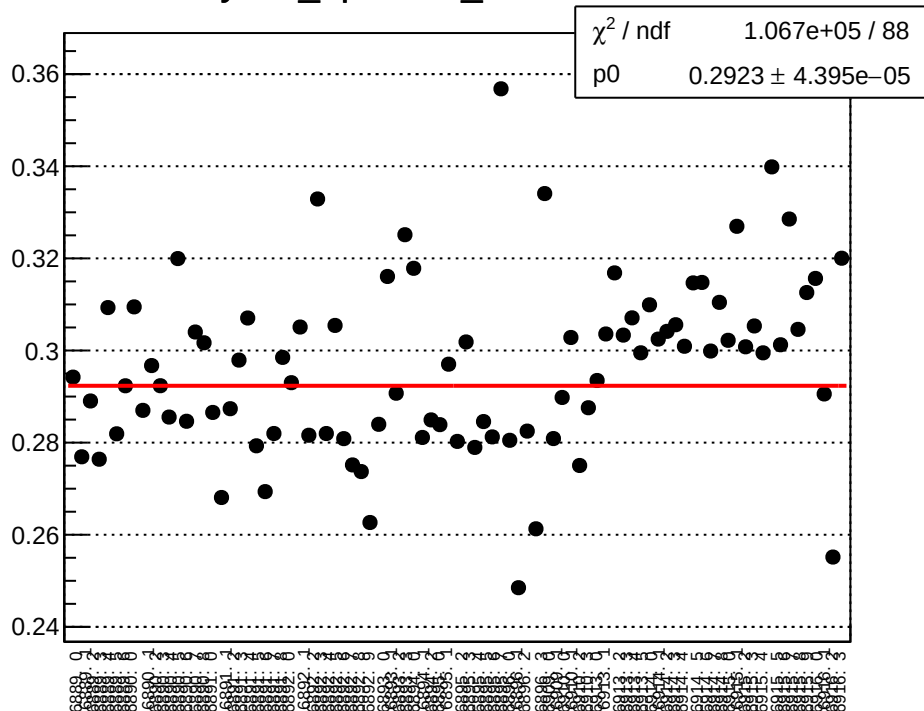
yield_bpm11Y_mean vs run



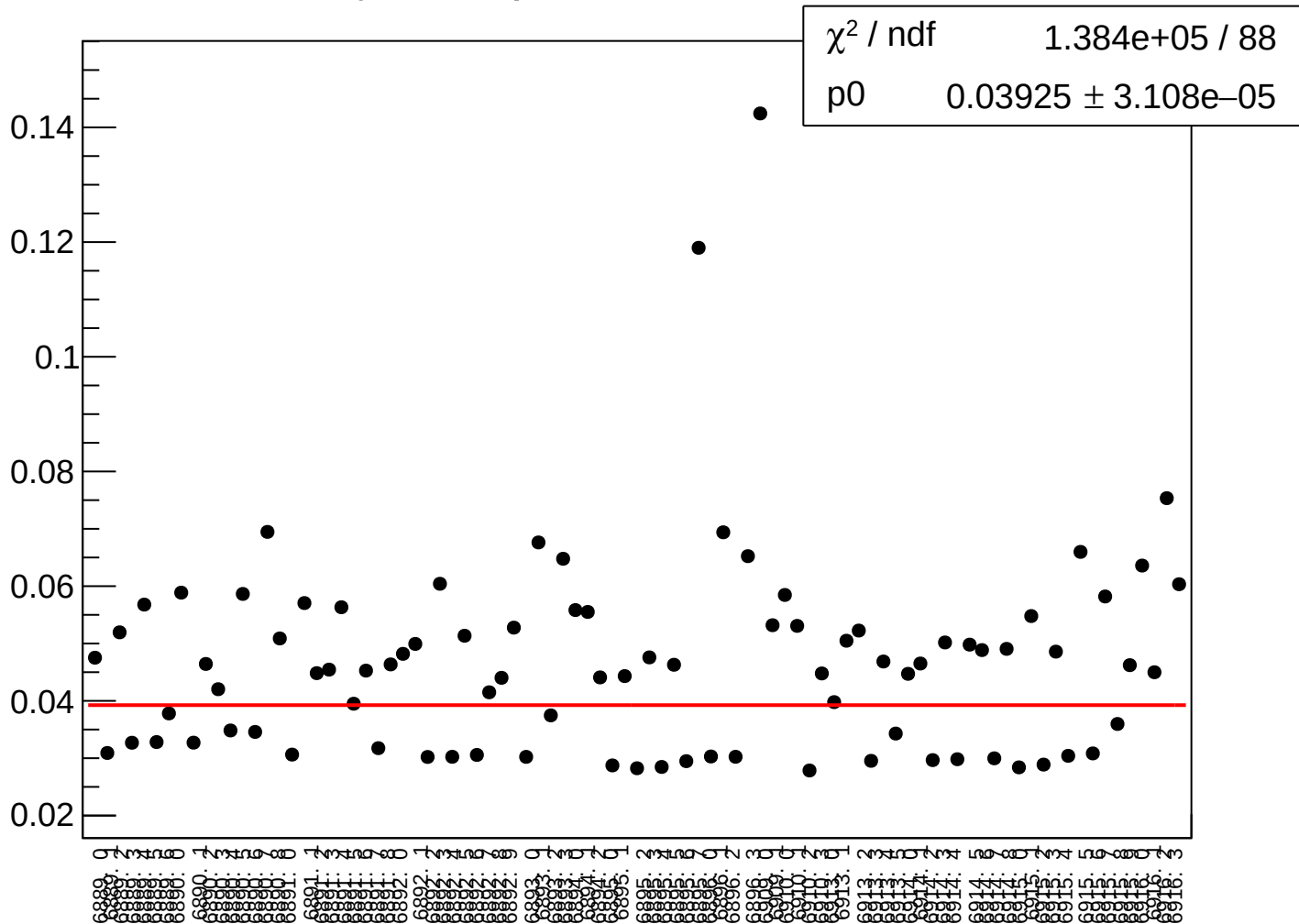
yield_bpm11Y_rms vs run



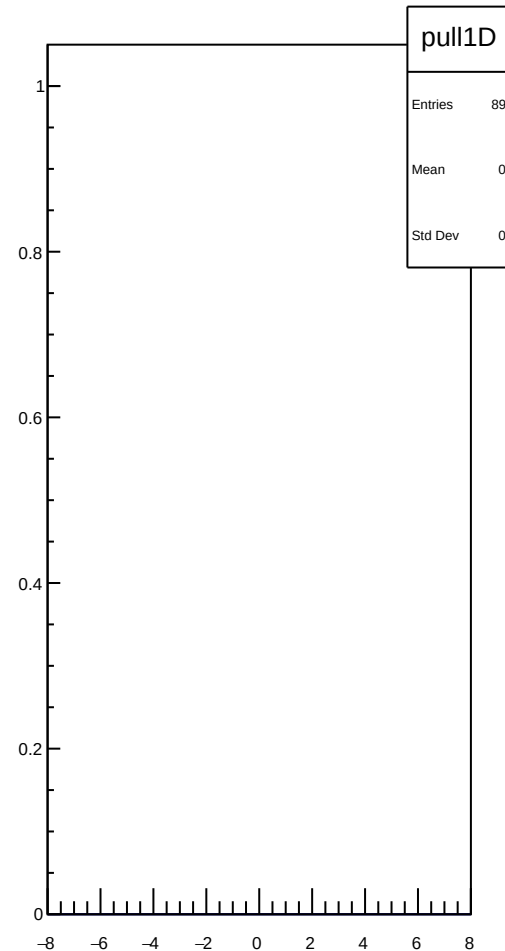
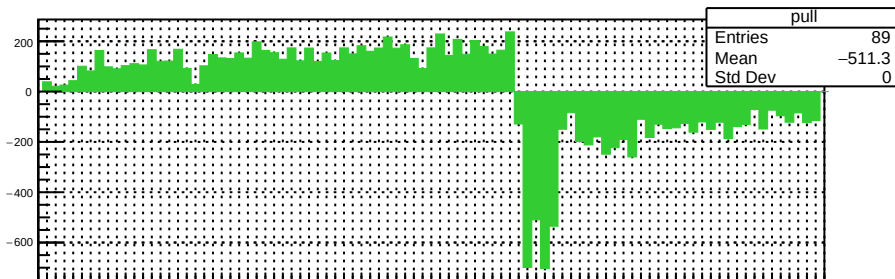
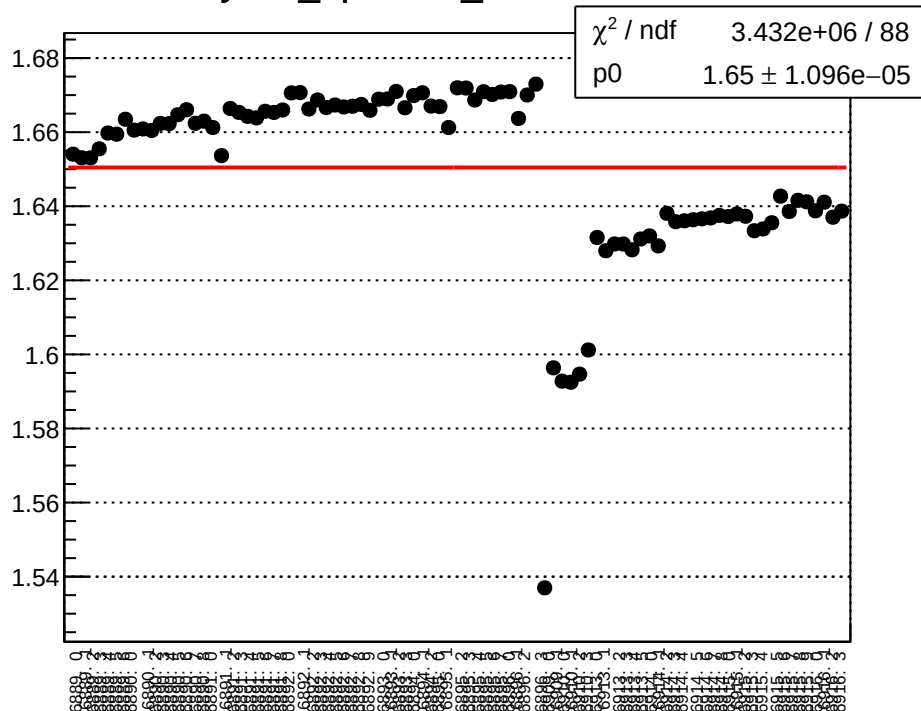
yield_bpm12X_mean vs run



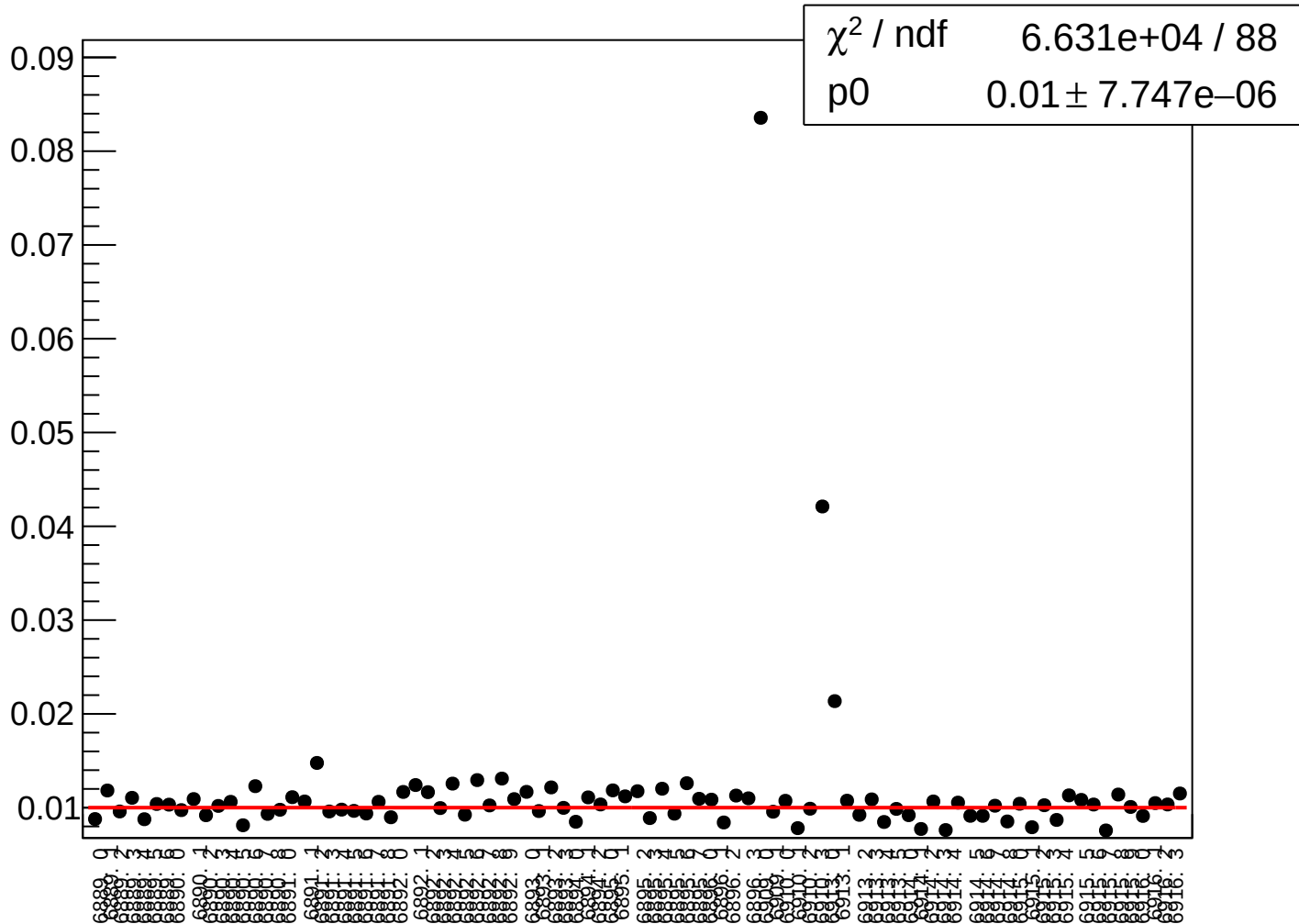
yield_bpm12X_rms vs run



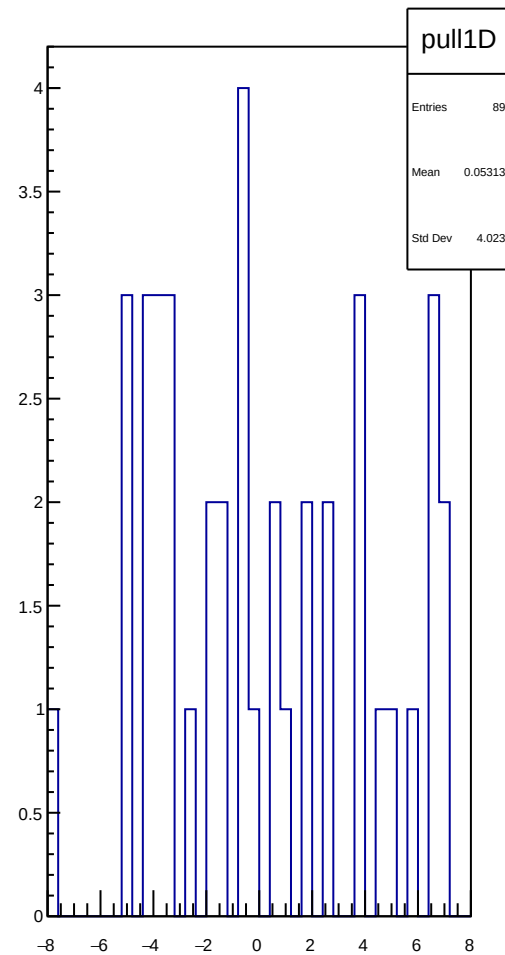
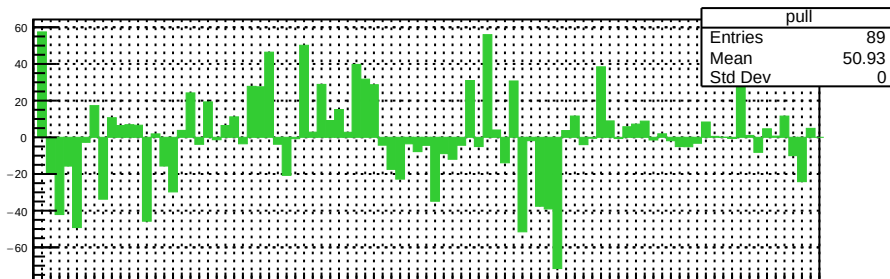
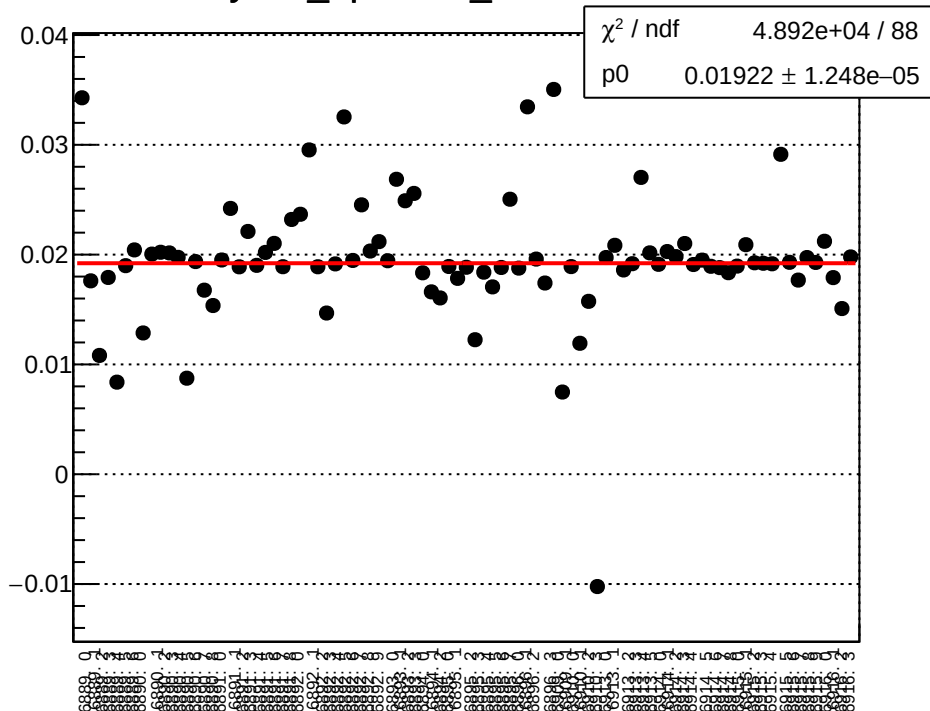
yield_bpm12Y_mean vs run



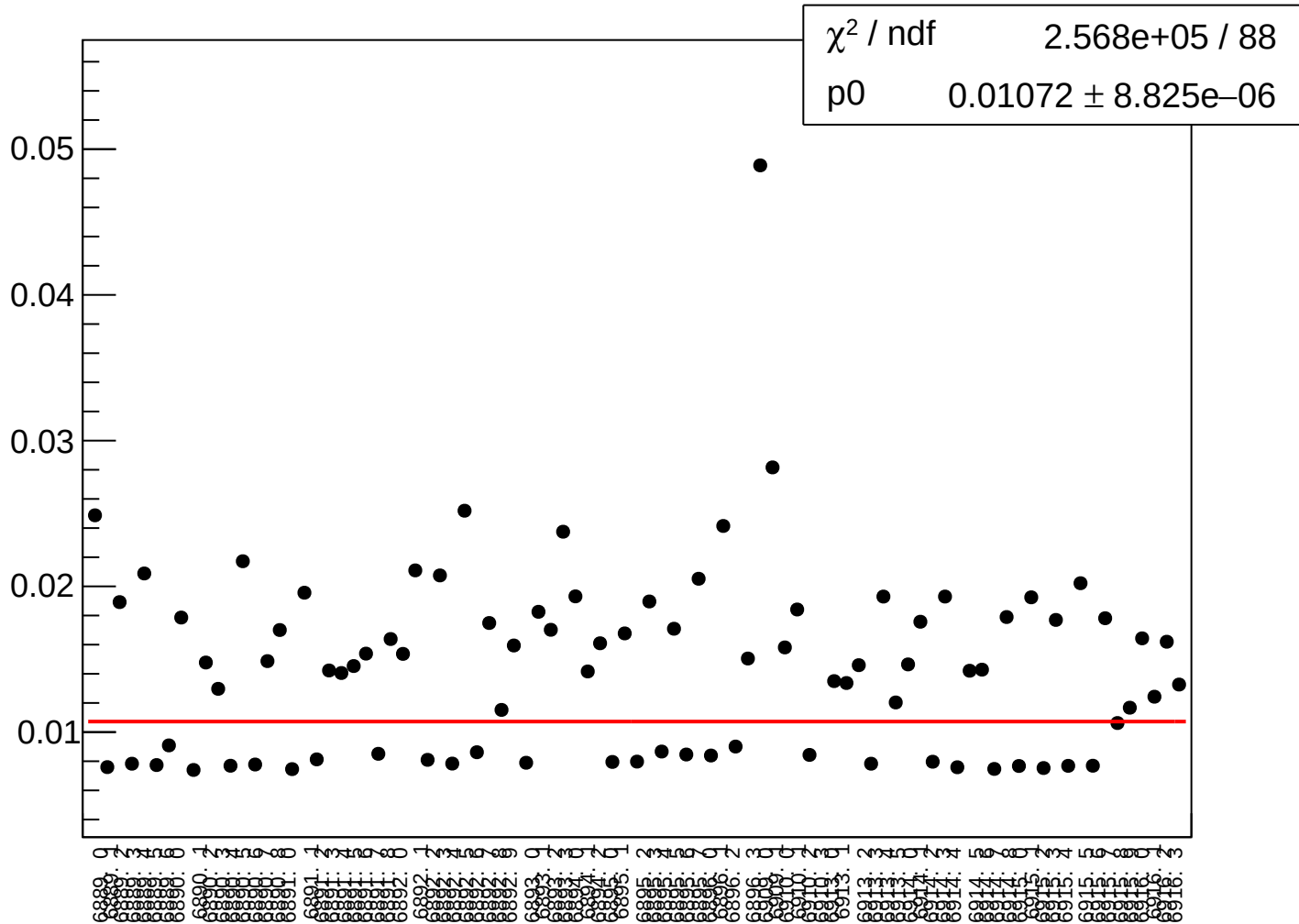
yield_bpm12Y_rms vs run



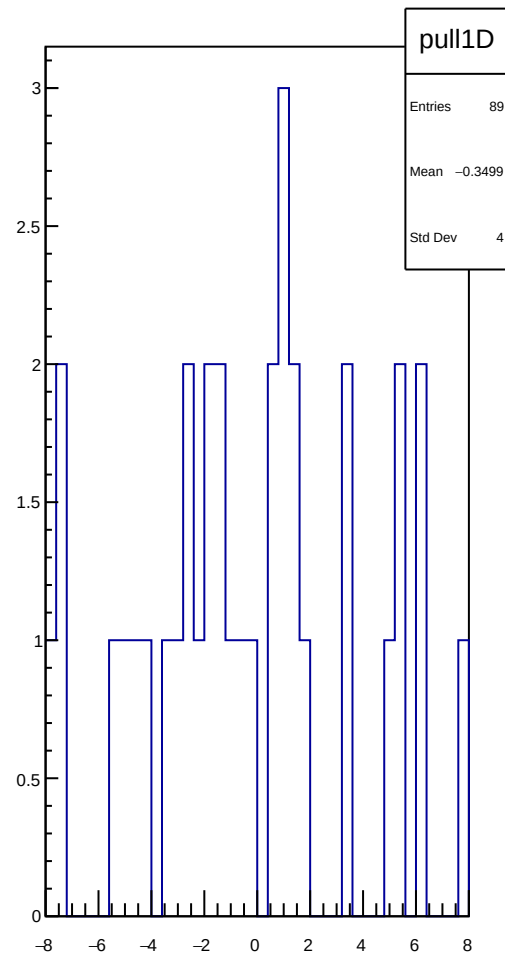
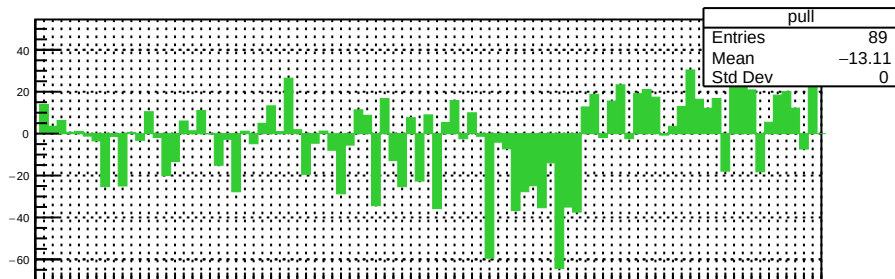
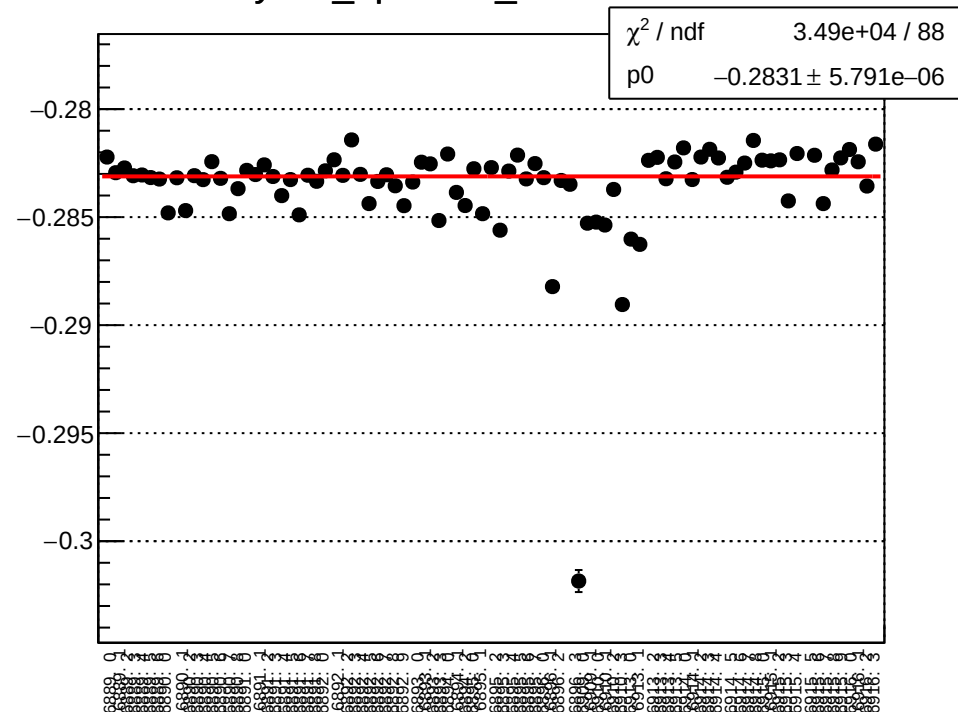
yield_bpm16X_mean vs run



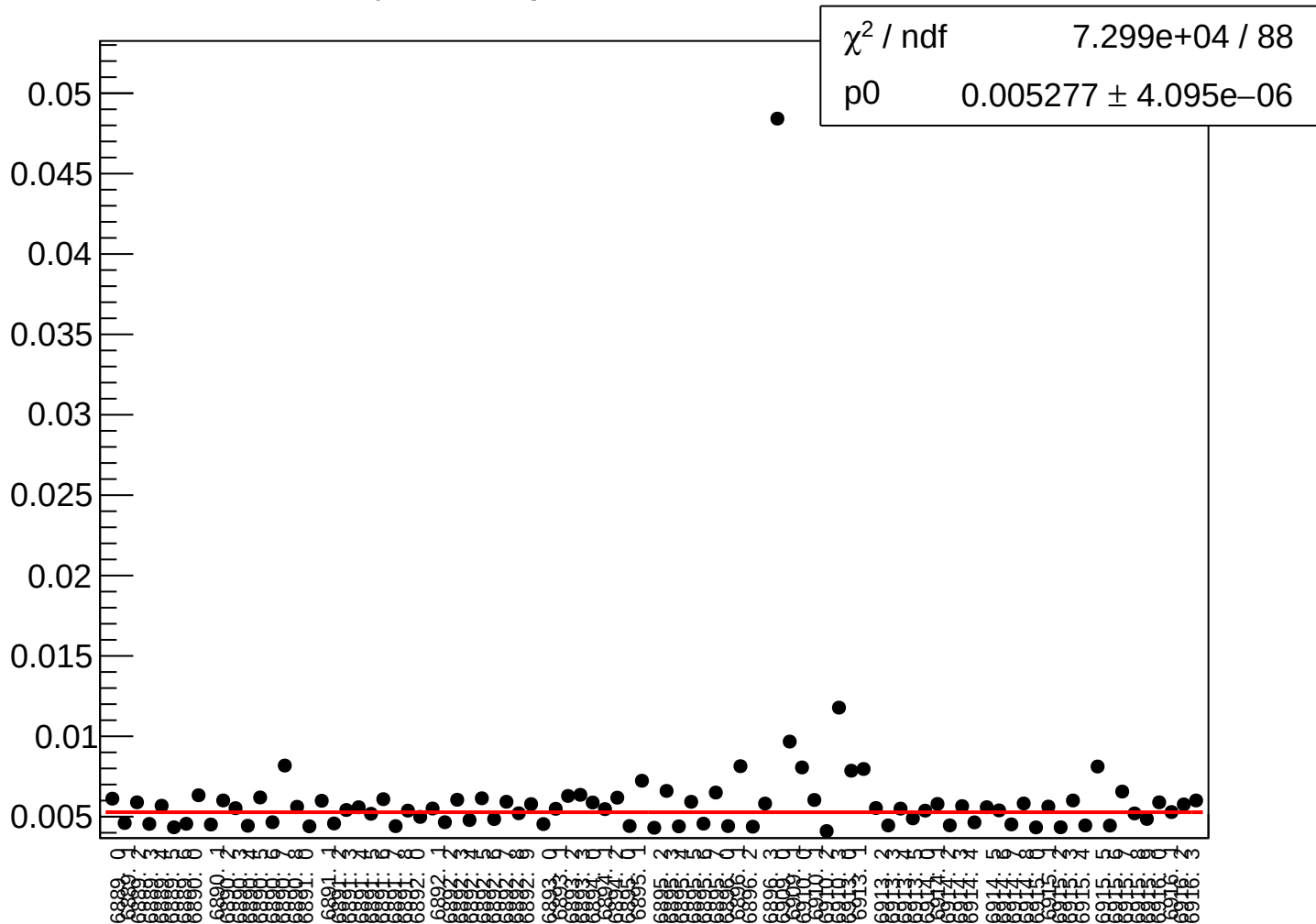
yield_bpm16X_rms vs run



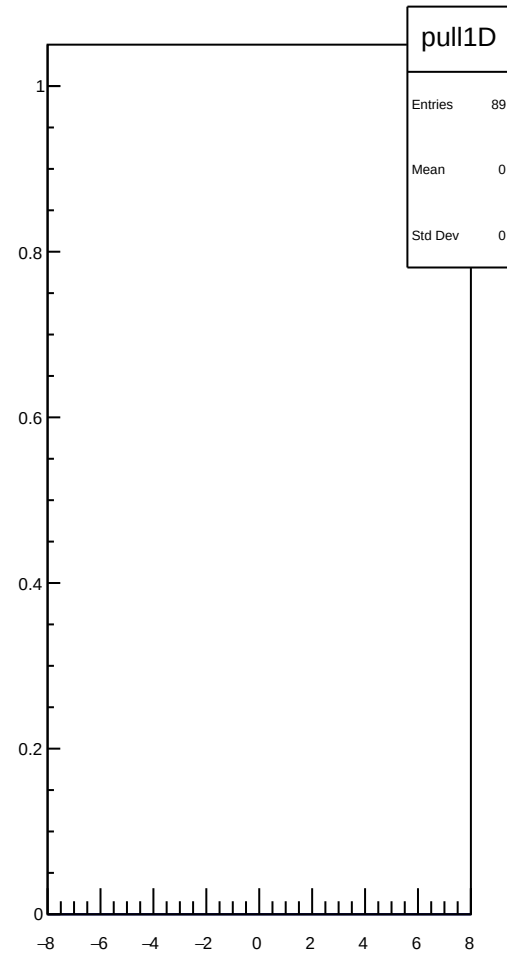
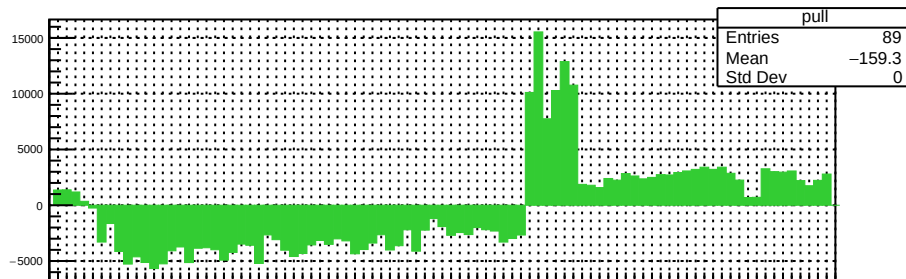
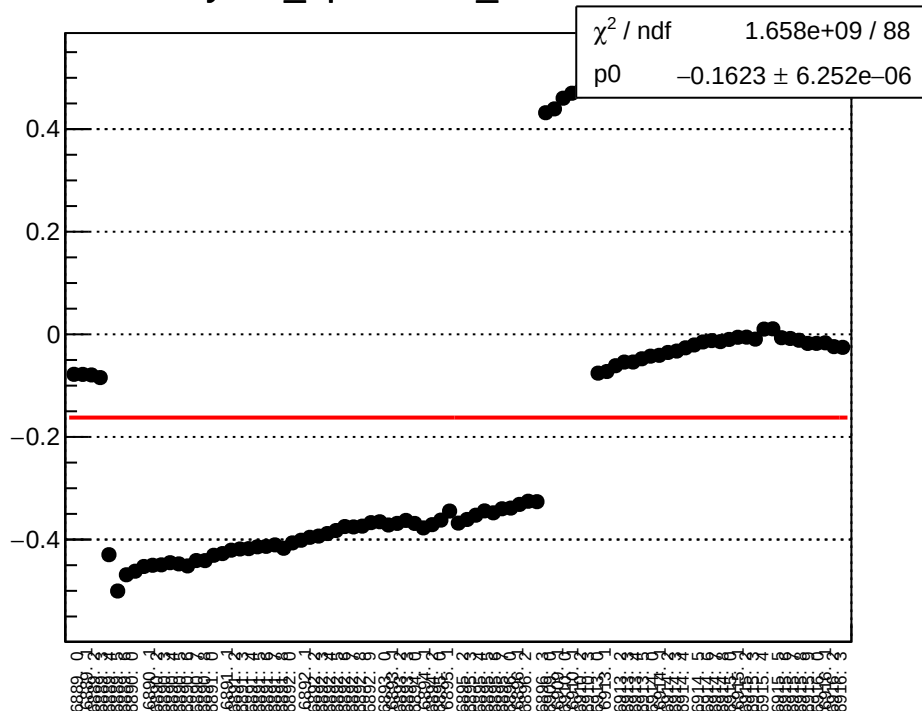
yield_bpm16Y_mean vs run



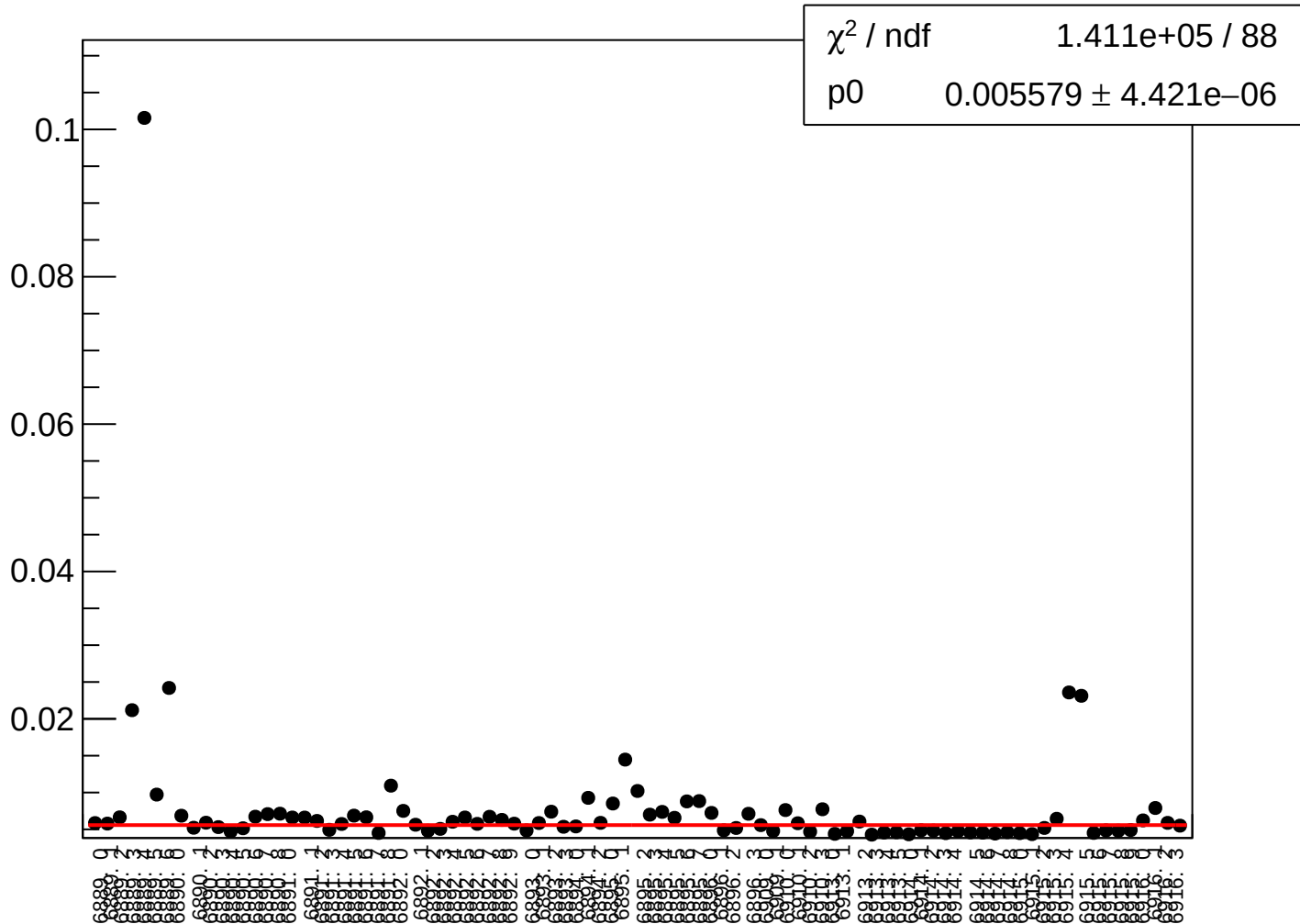
yield_bpm16Y_rms vs run



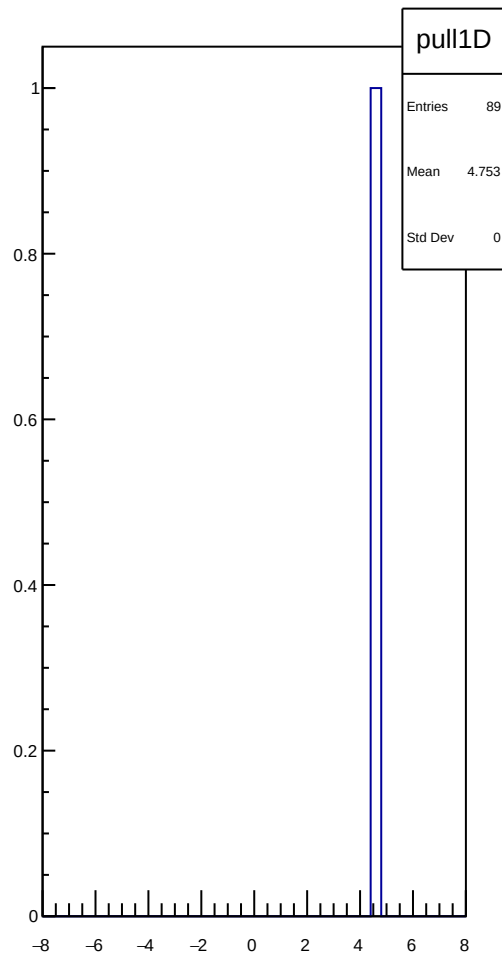
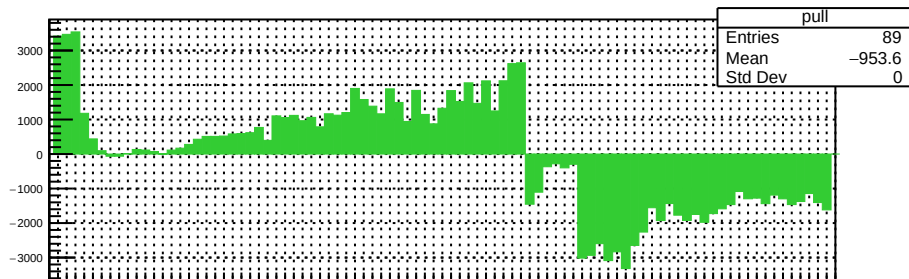
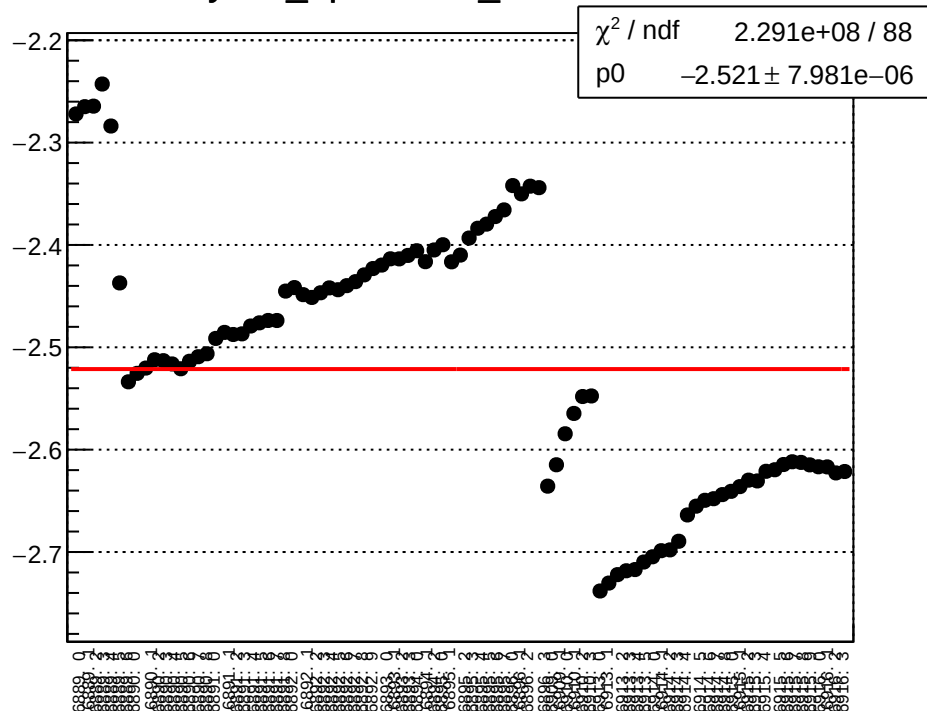
yield_bpm0i02X_mean vs run



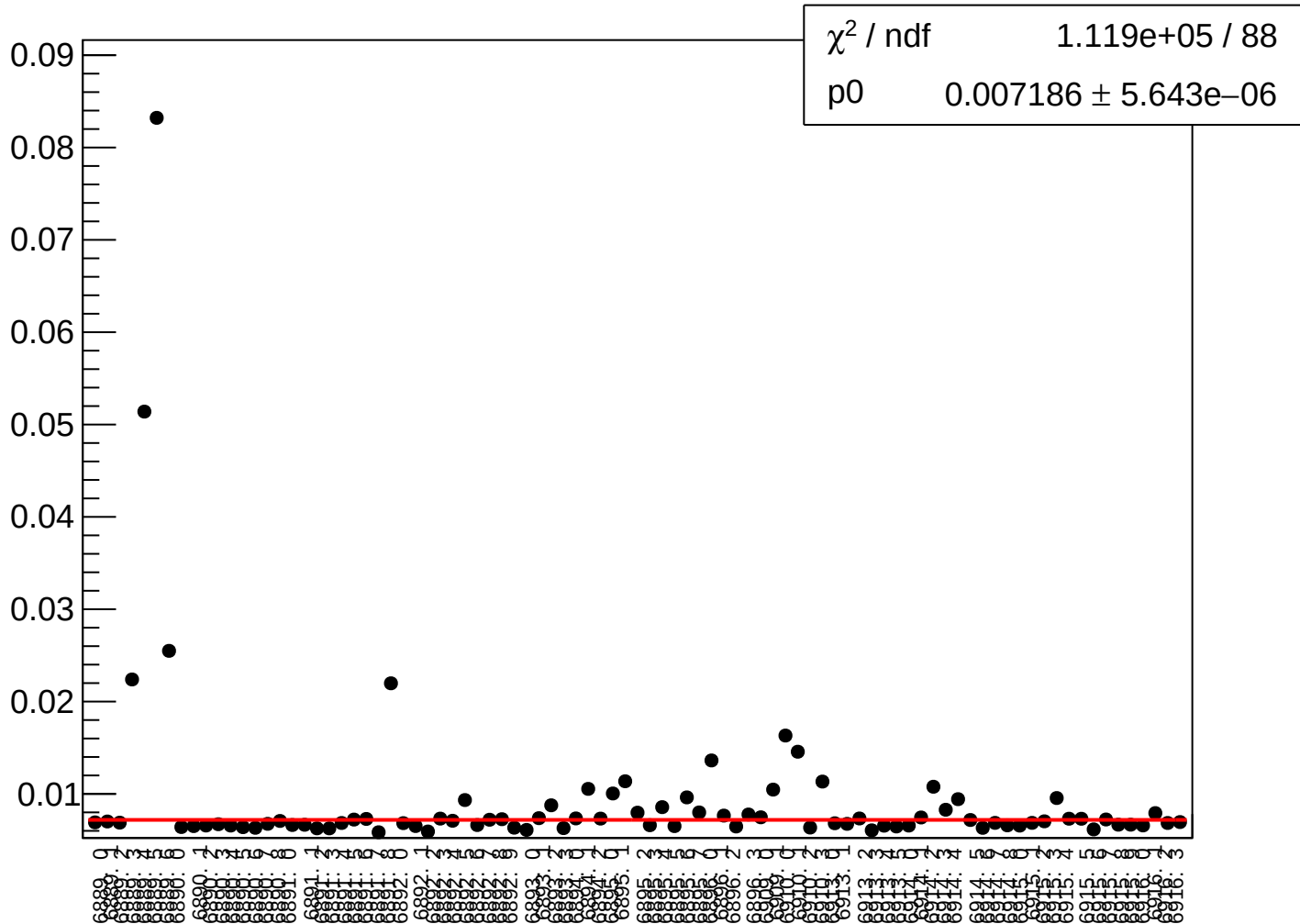
yield_bpm0i02X_rms vs run



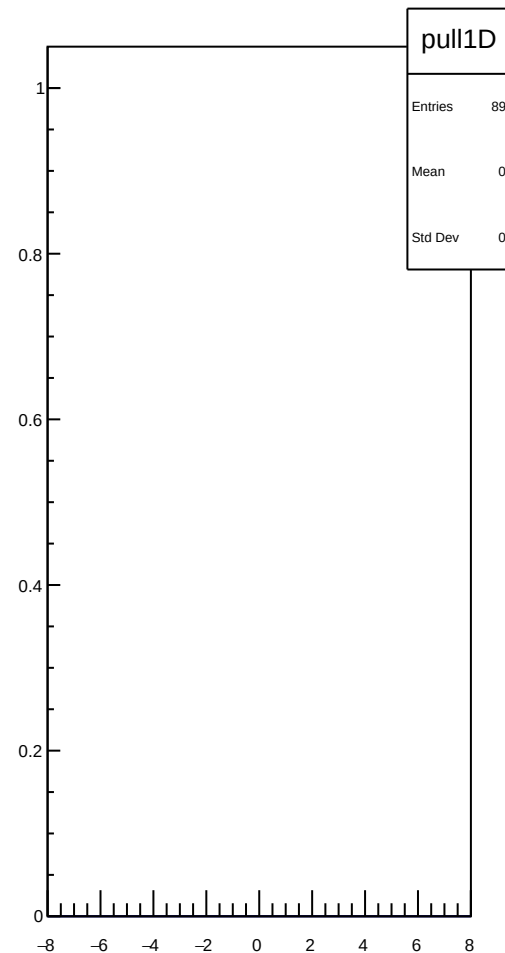
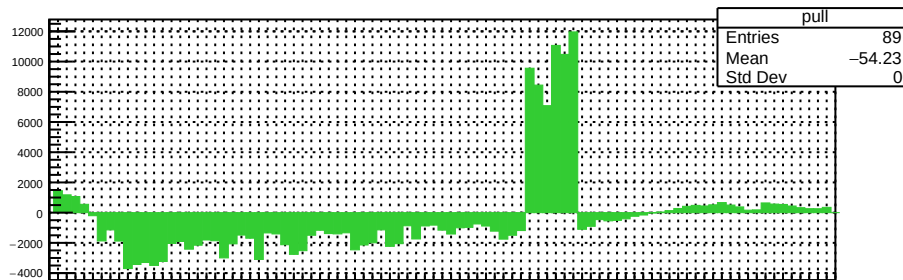
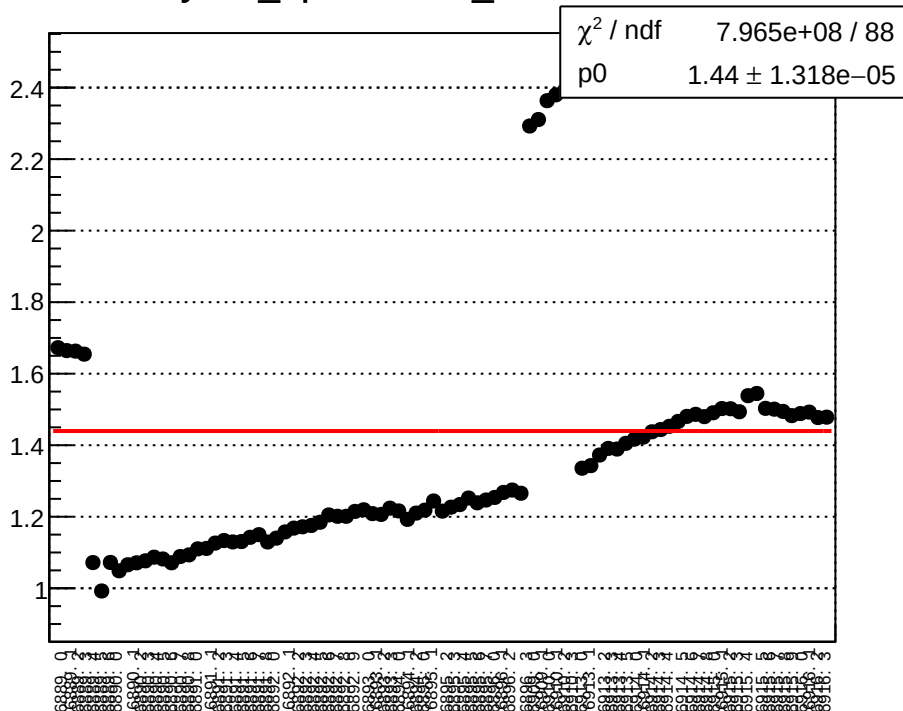
yield_bpm0i02Y_mean vs run



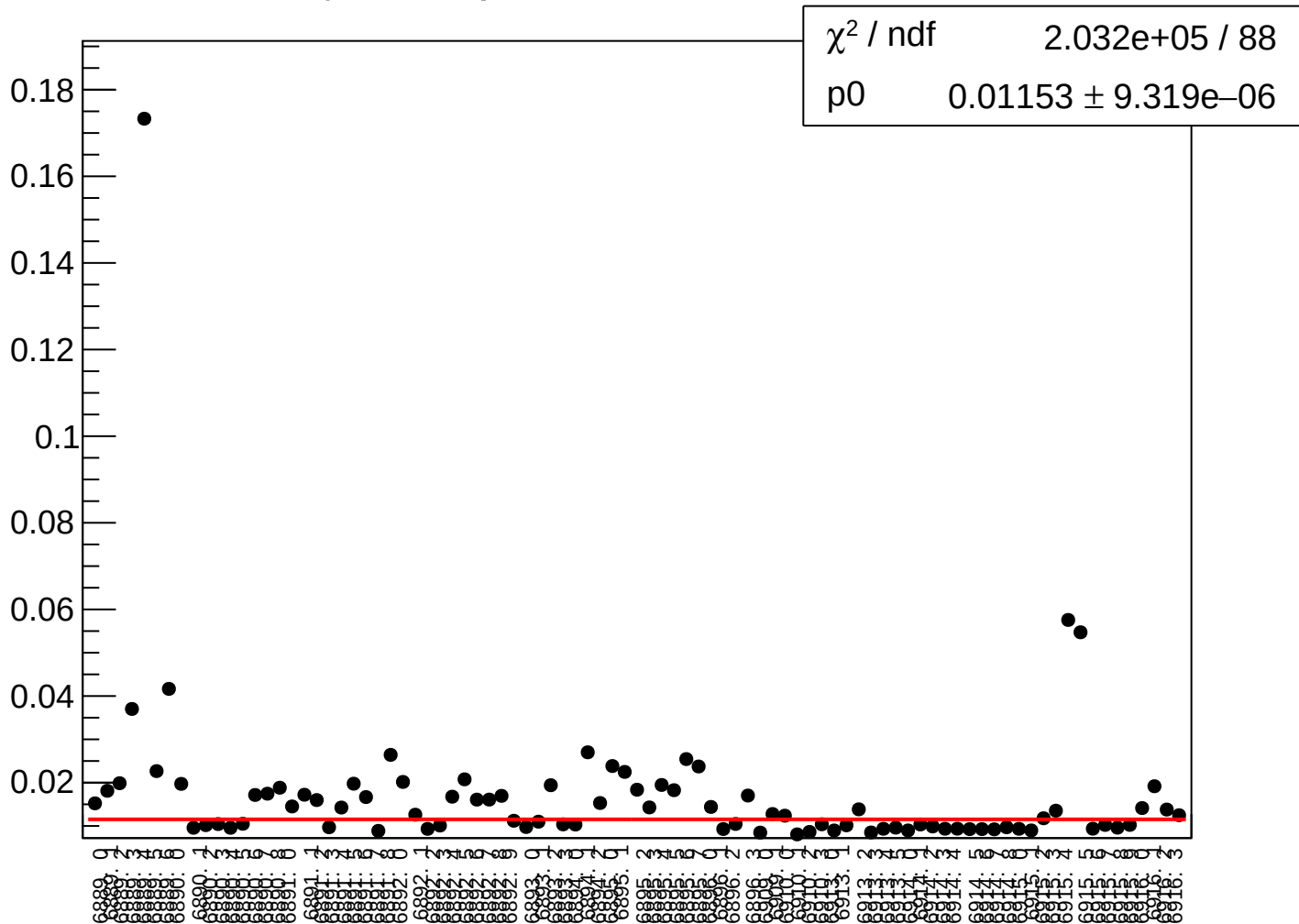
yield_bpm0i02Y_rms vs run



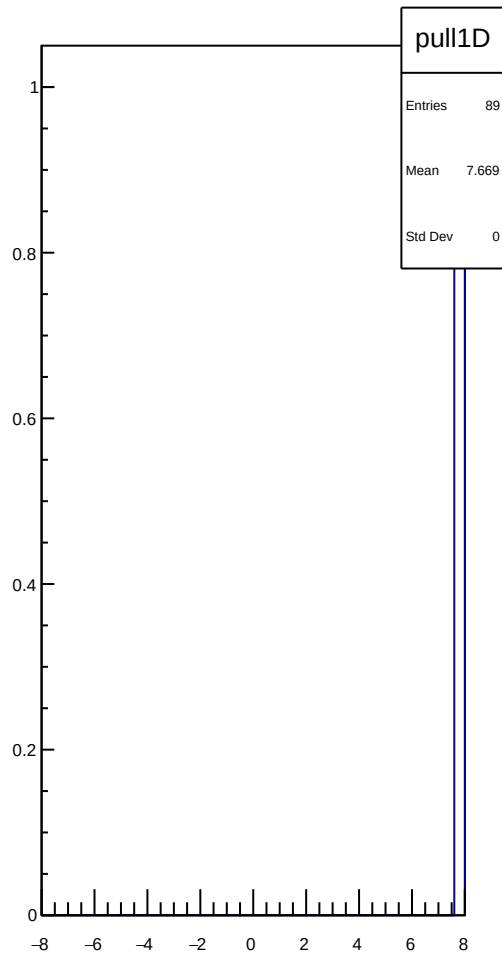
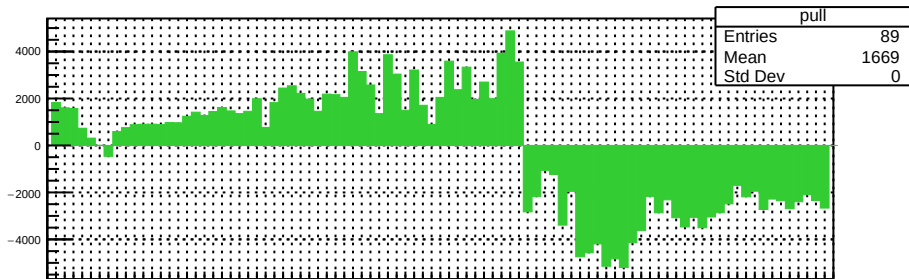
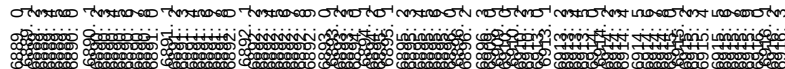
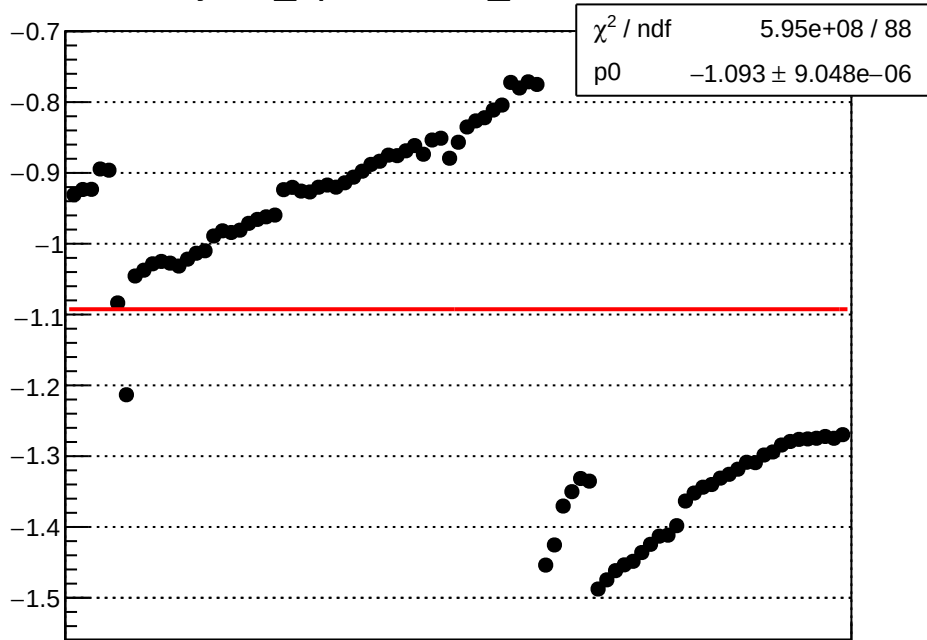
yield_bpm0i02aX_mean vs run



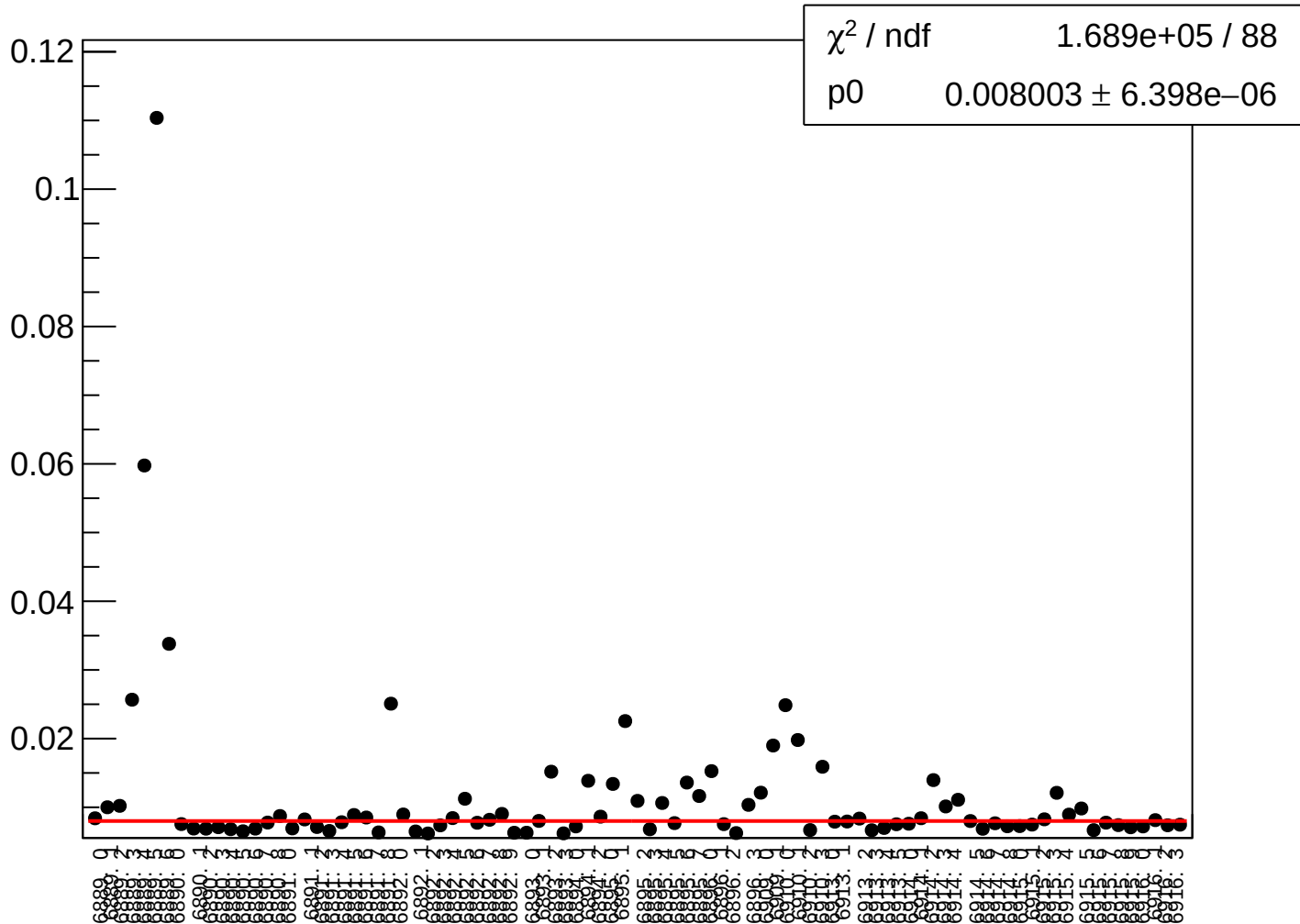
yield_bpm0i02aX_rms vs run



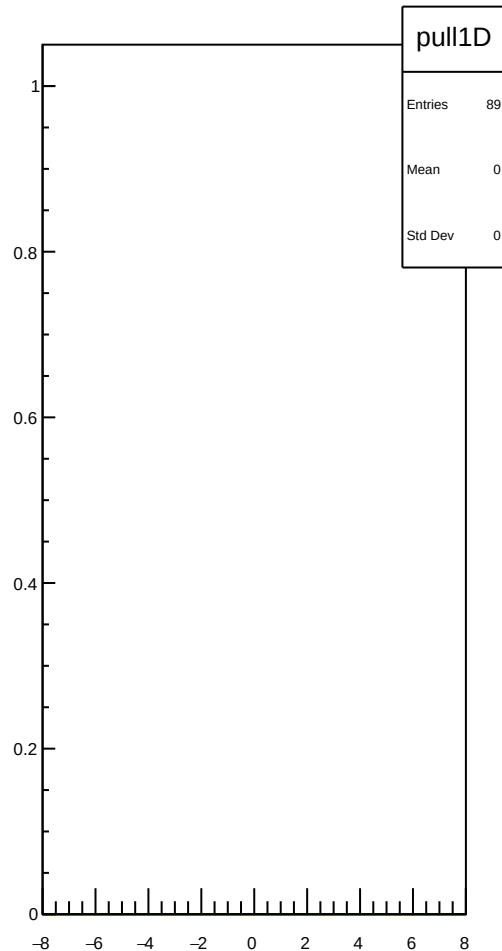
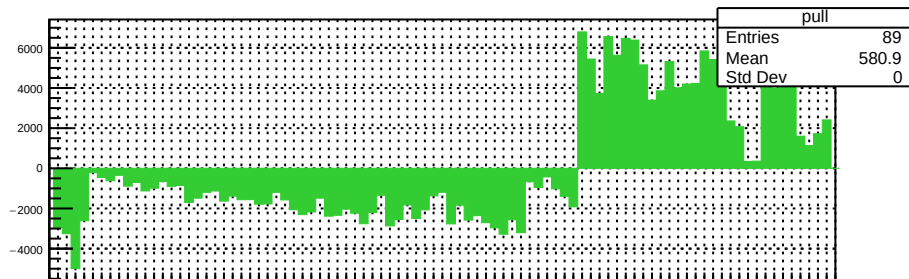
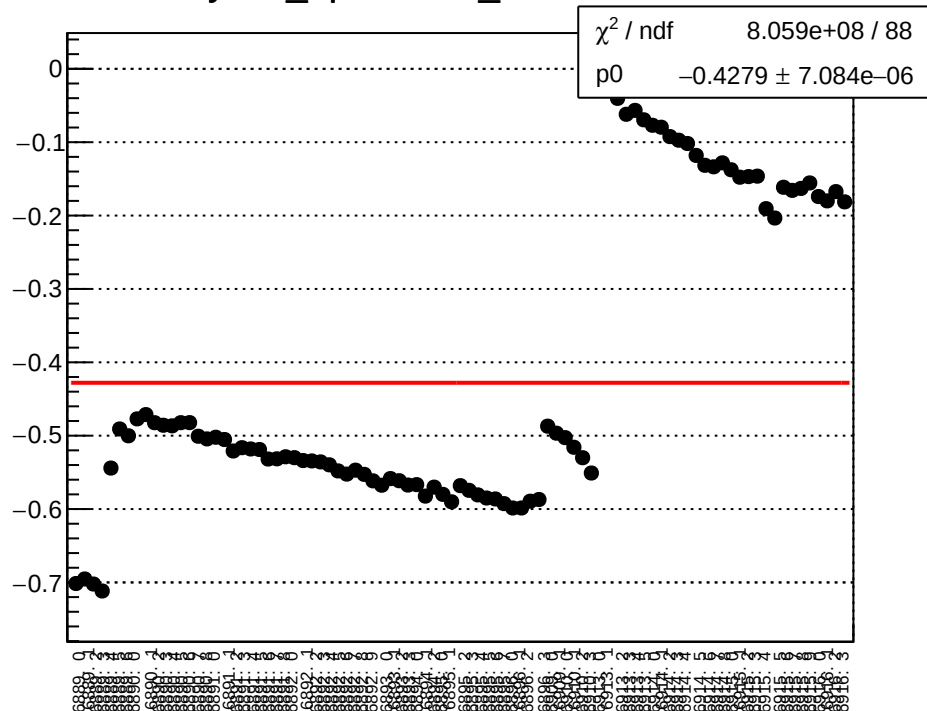
yield_bpm0i02aY_mean vs run



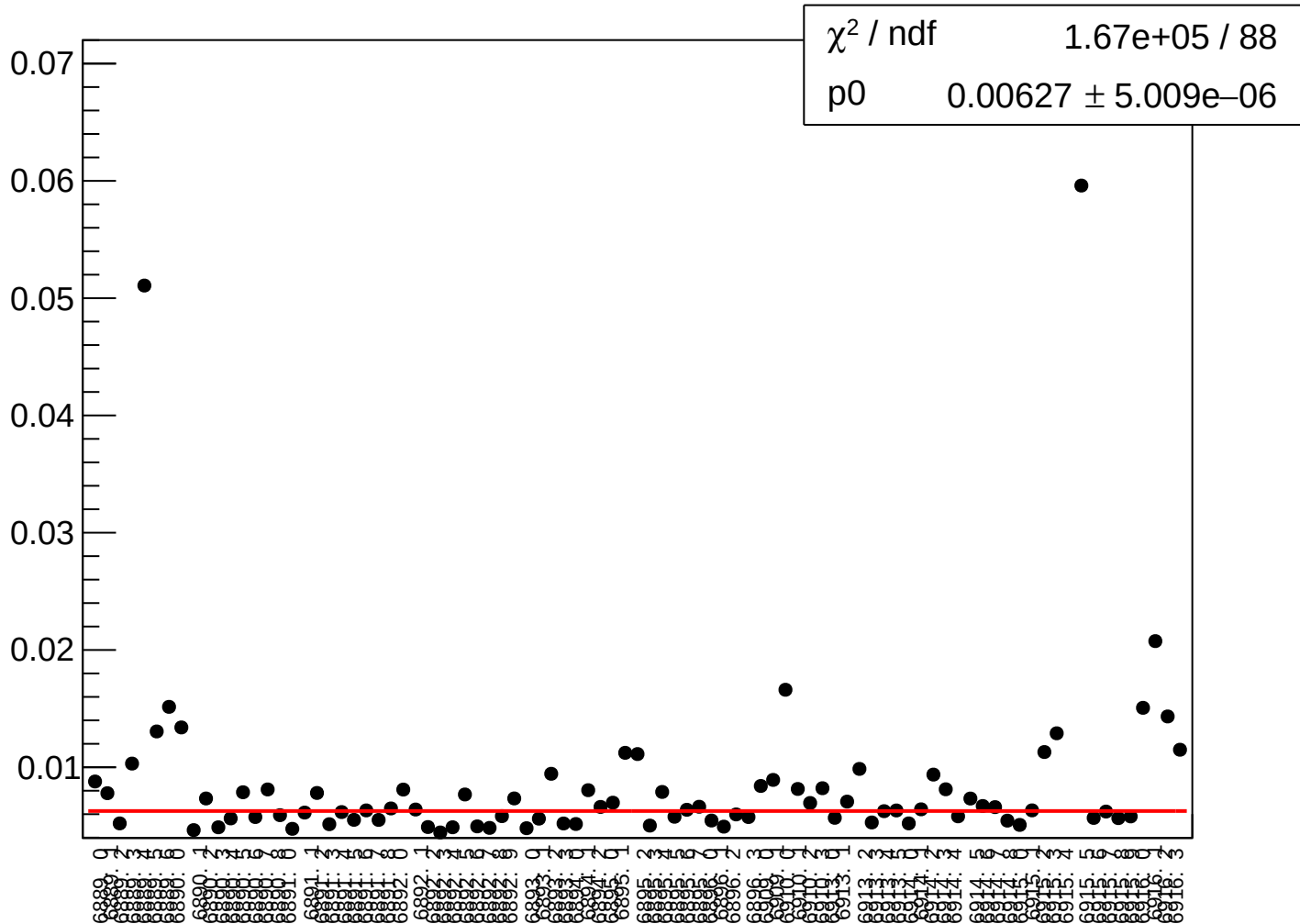
yield_bpm0i02aY_rms vs run



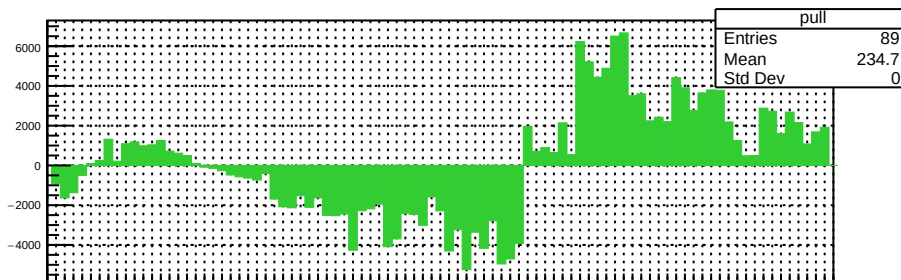
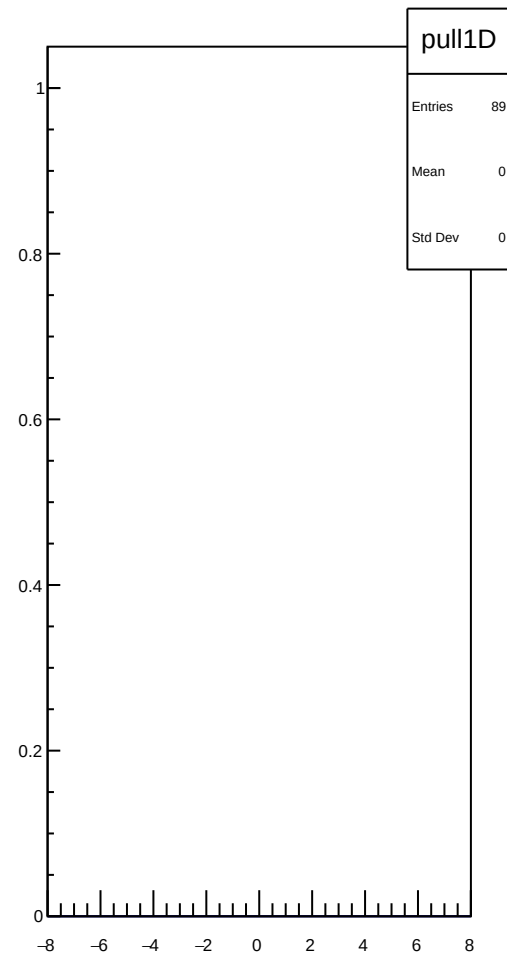
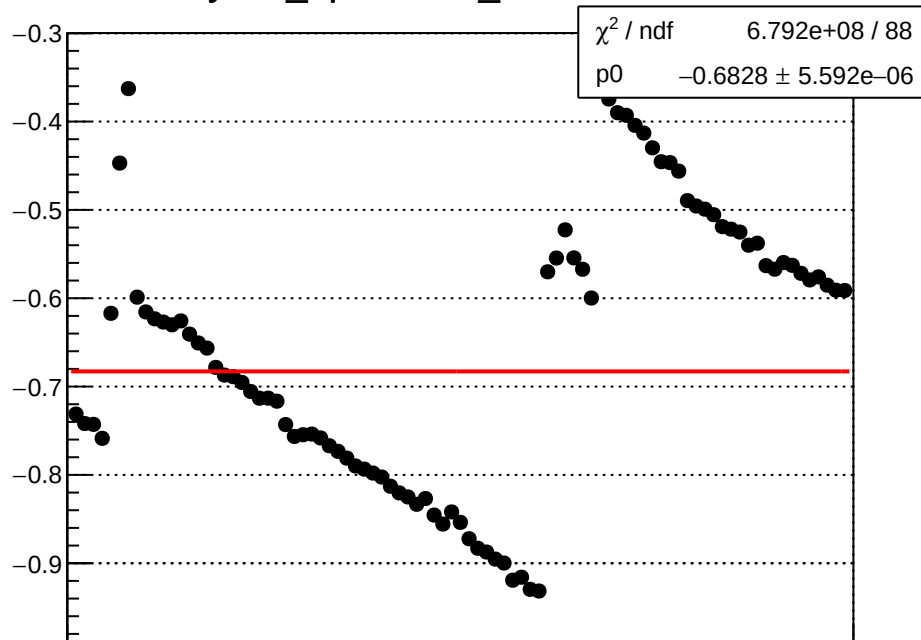
yield_bpm0i05X_mean vs run



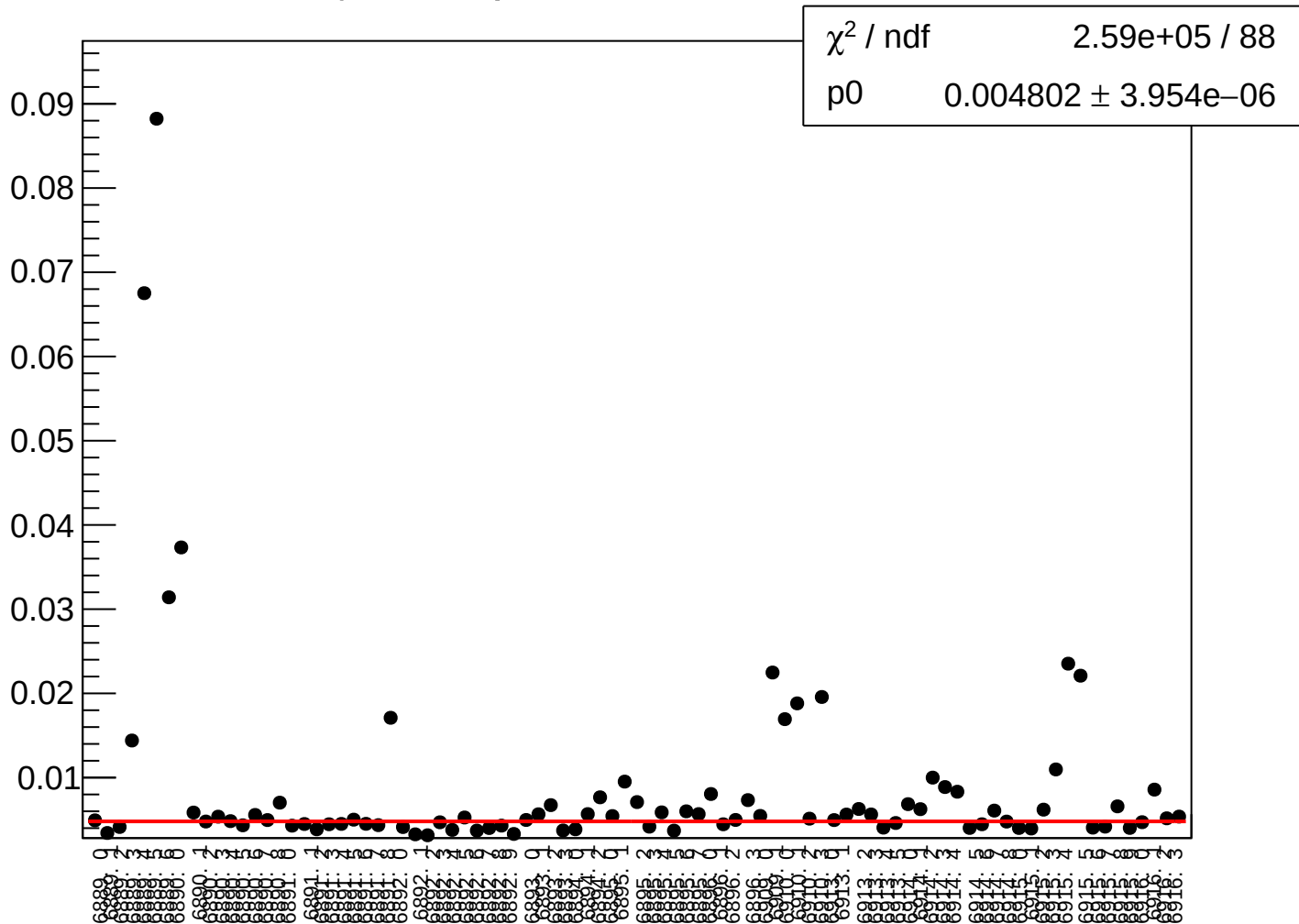
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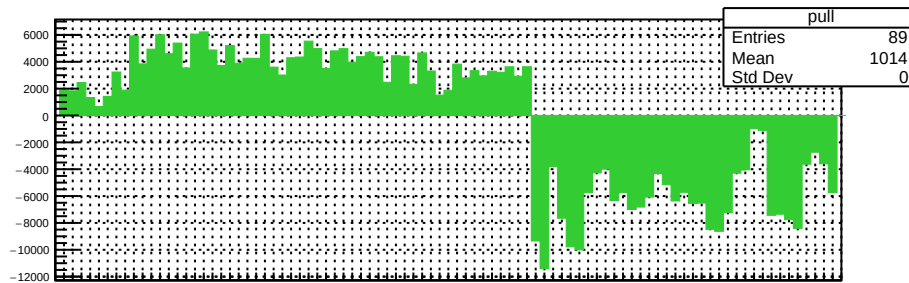
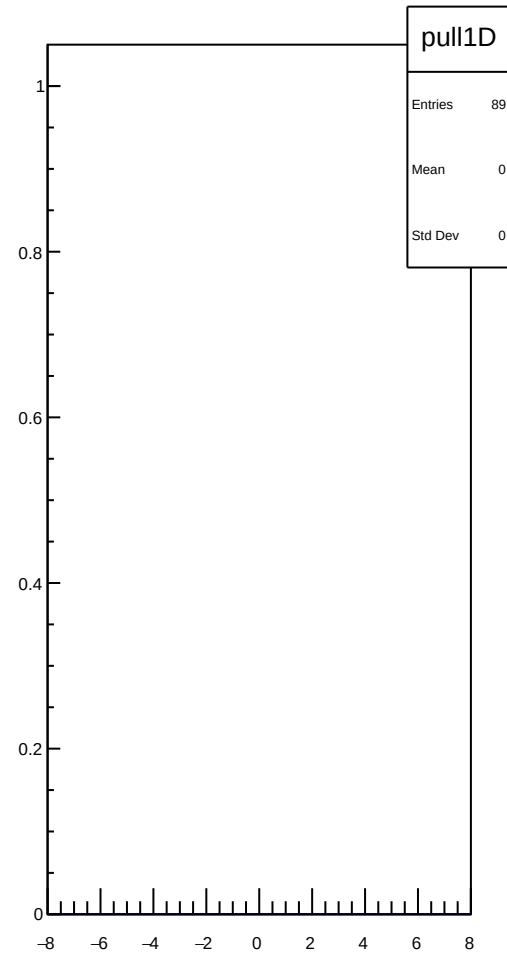
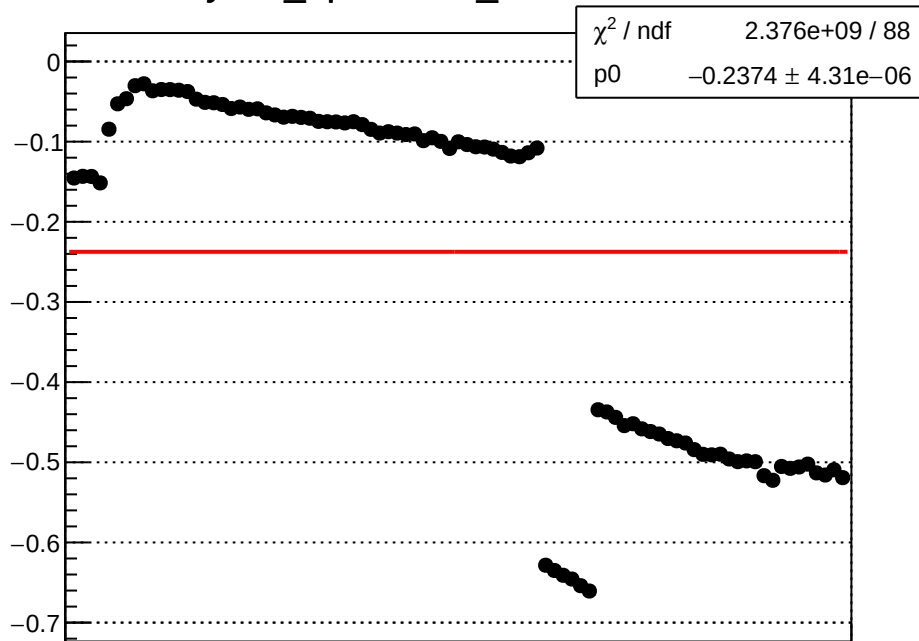
yield_bpm0i05Y_mean vs run



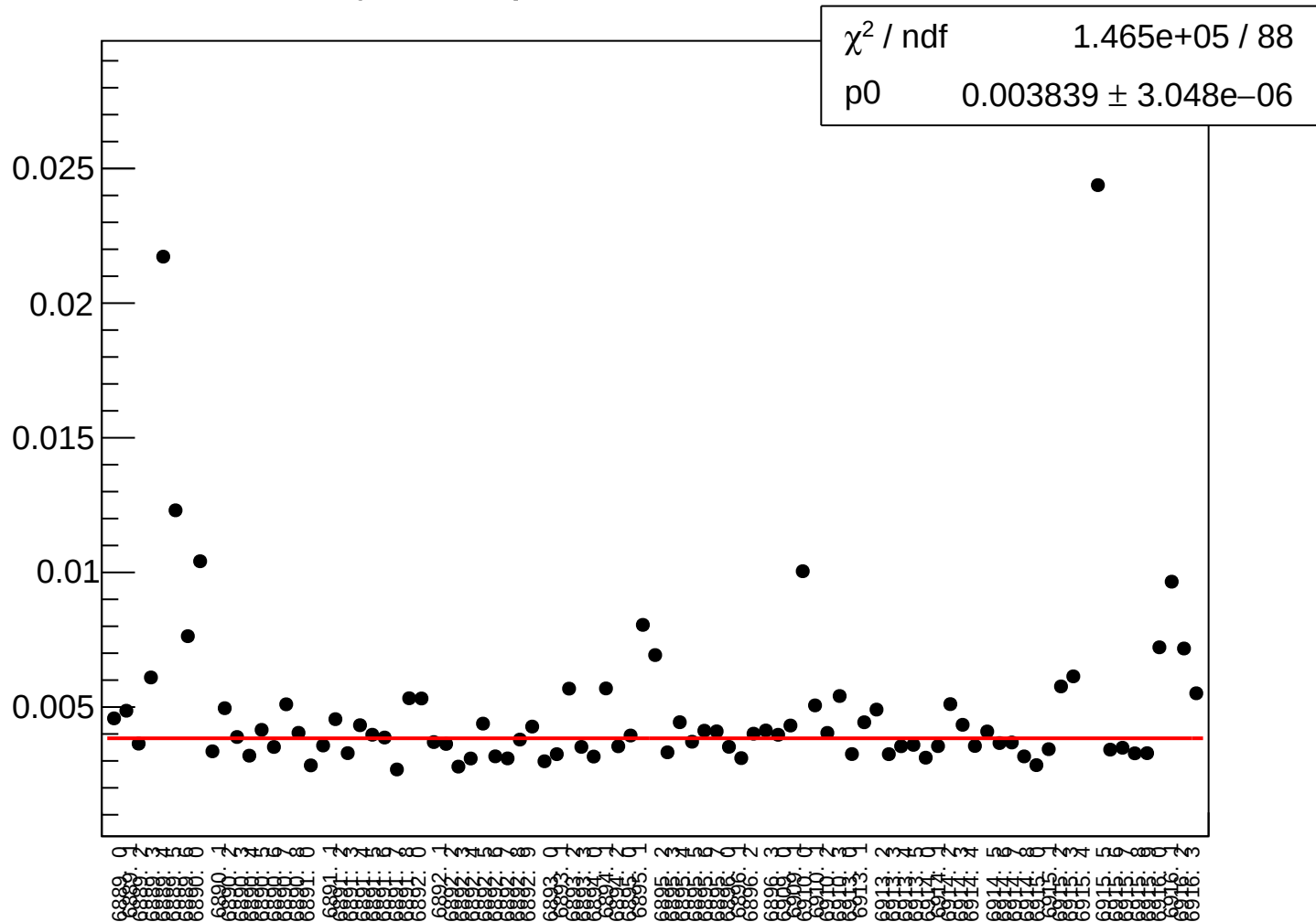
yield_bpm0i05Y_rms vs run



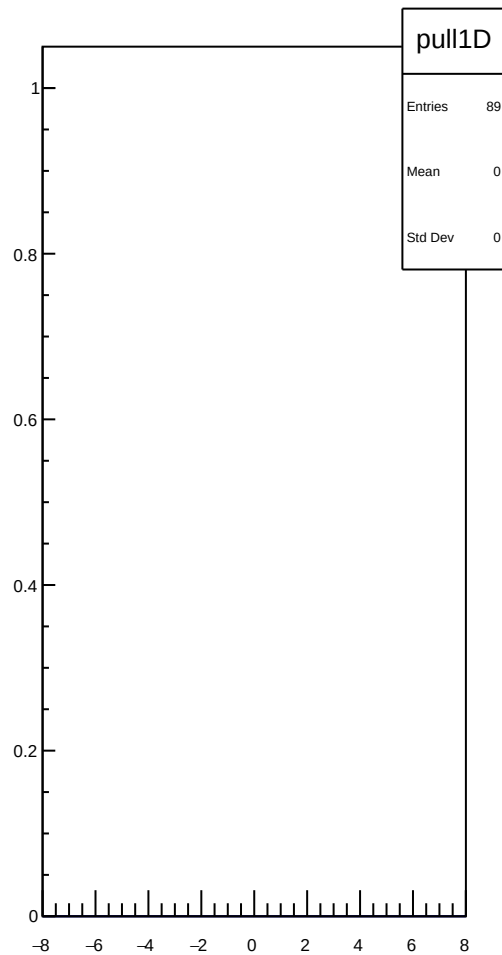
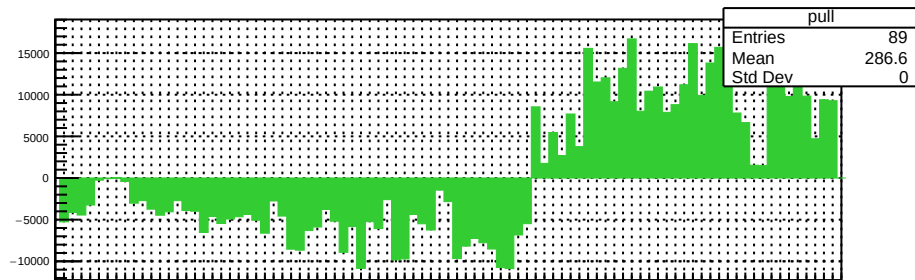
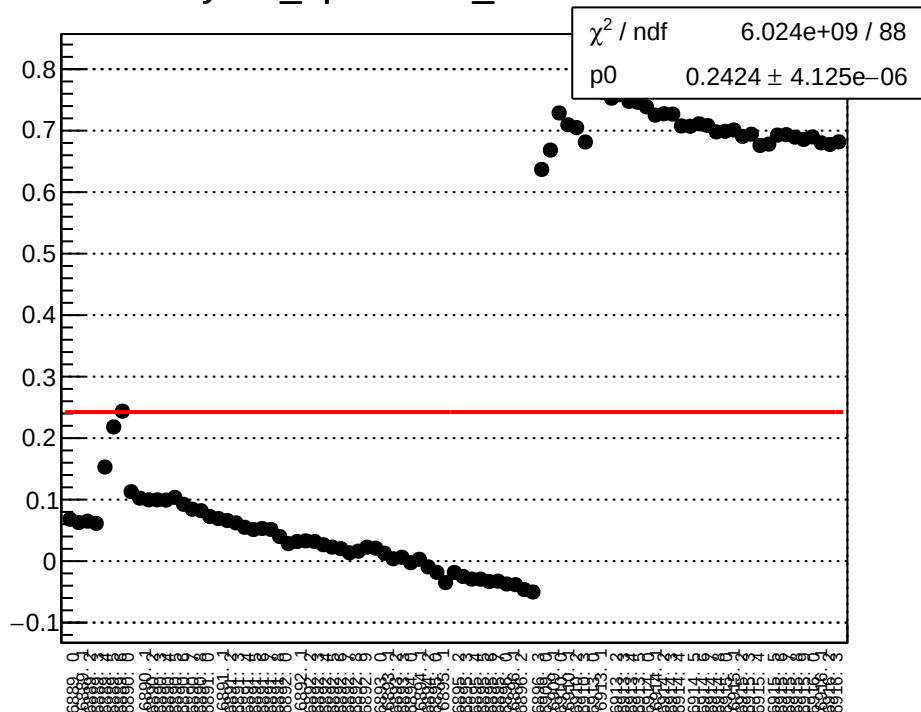
yield_bpm0i07X_mean vs run



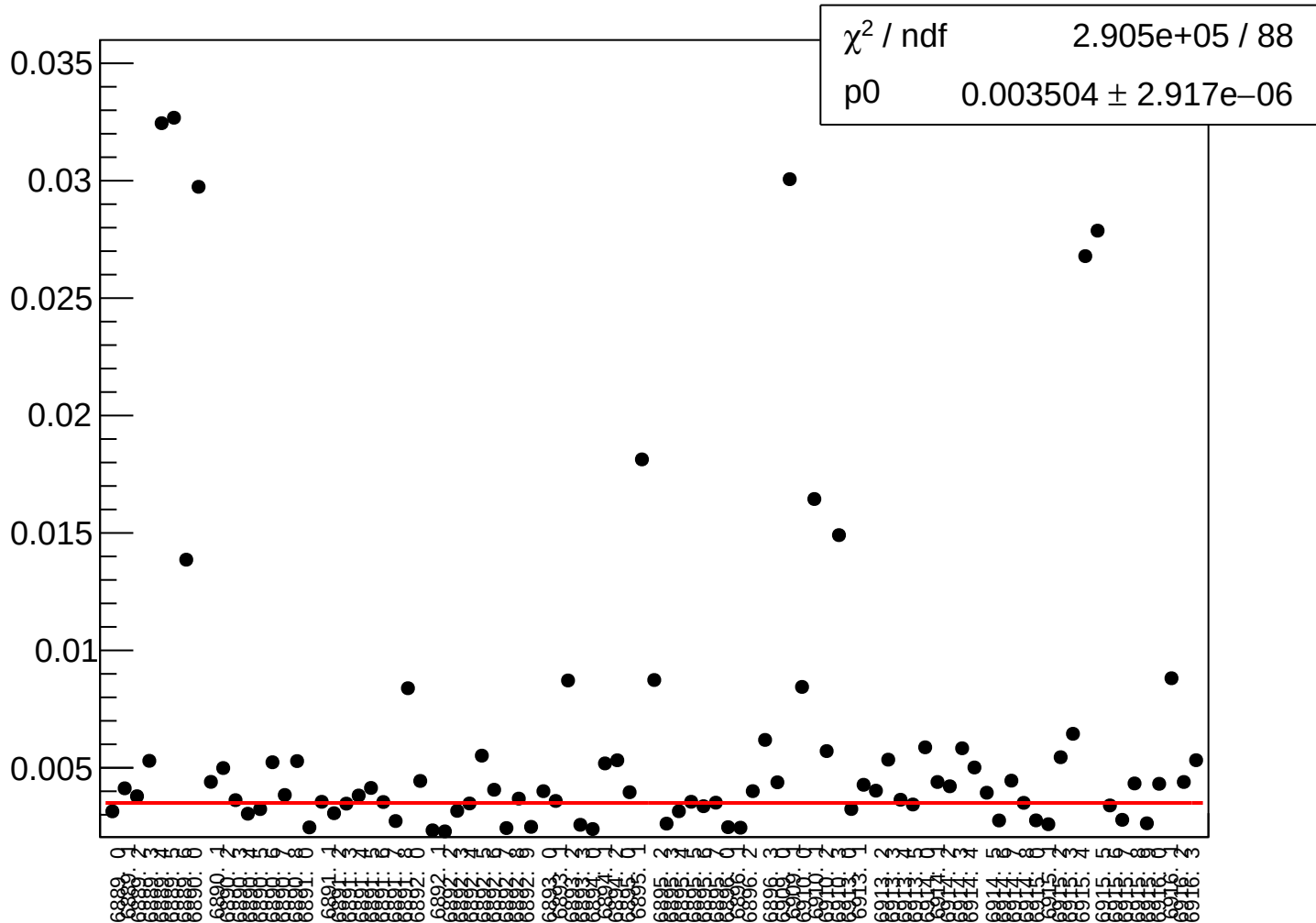
yield_bpm0i07X_rms vs run



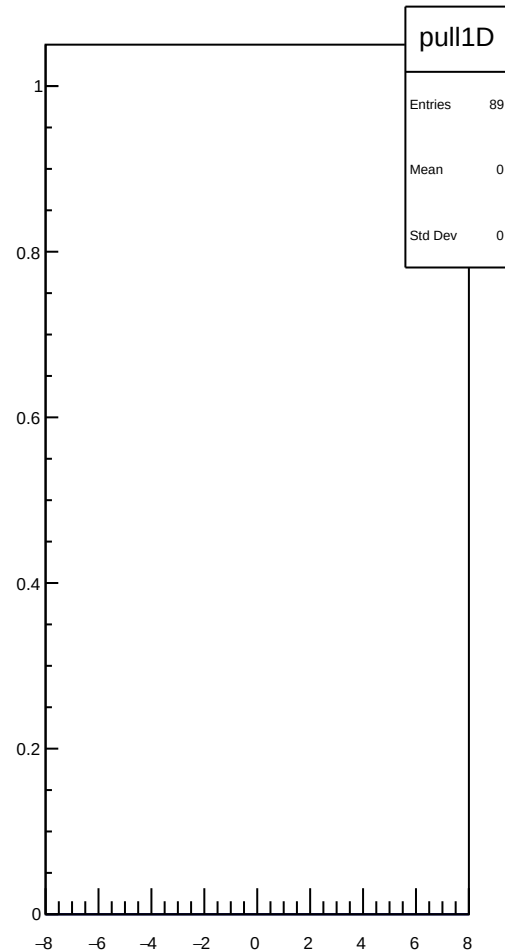
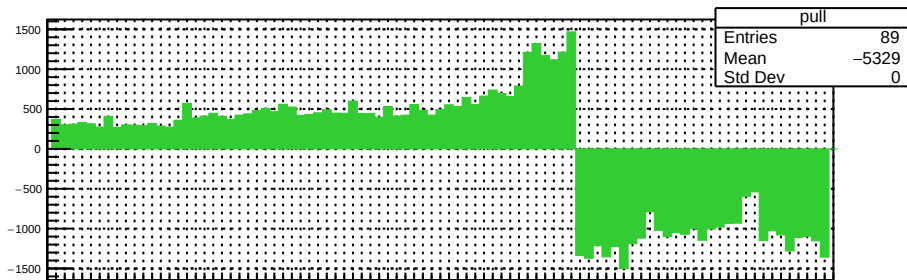
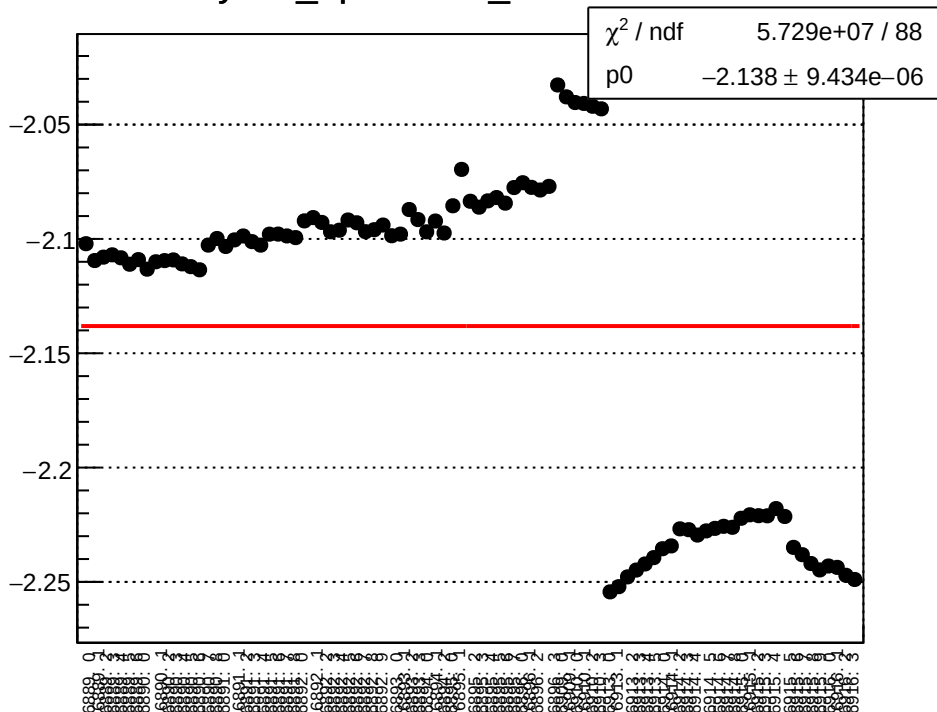
yield_bpm0i07Y_mean vs run



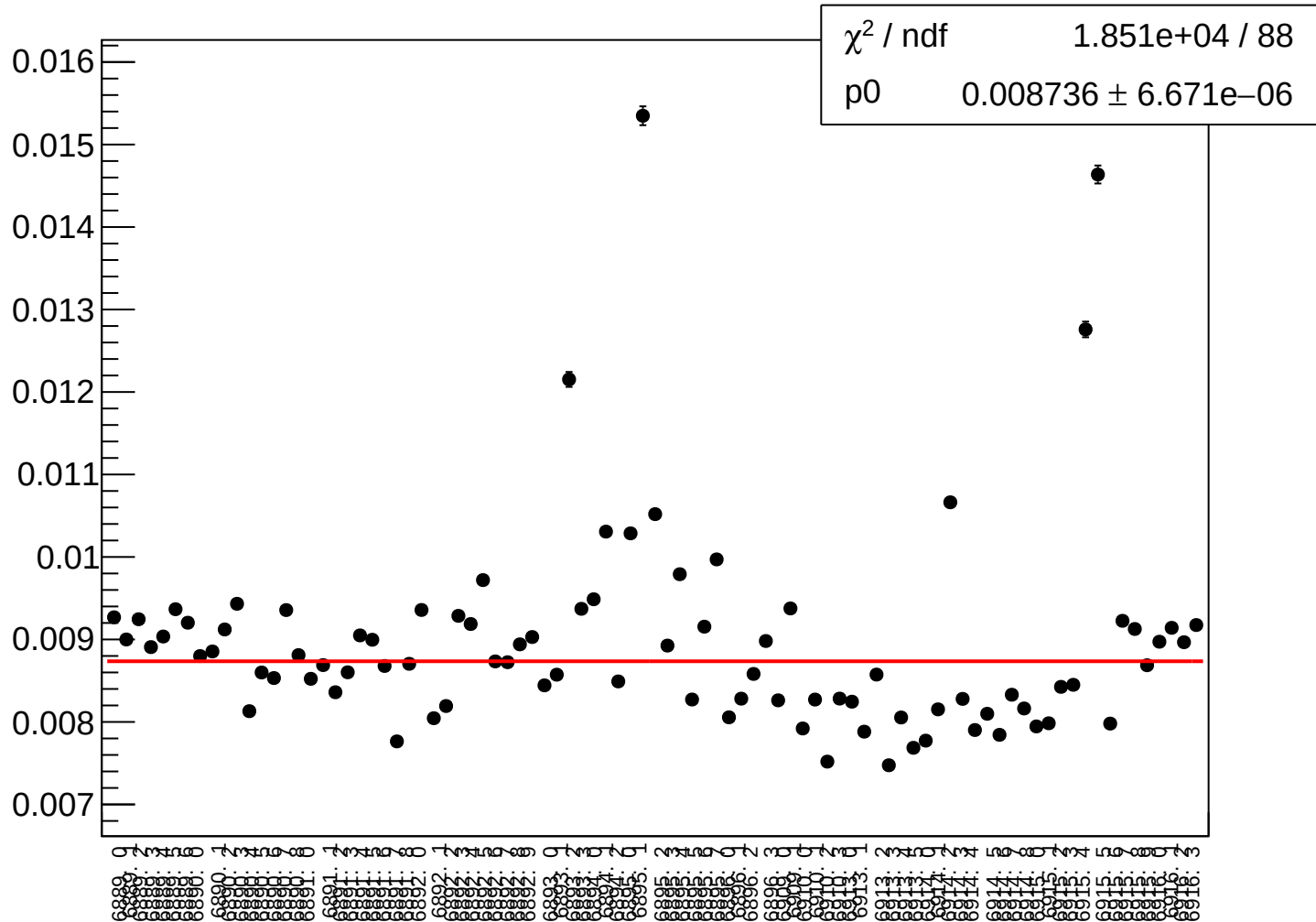
yield_bpm0i07Y_rms vs run



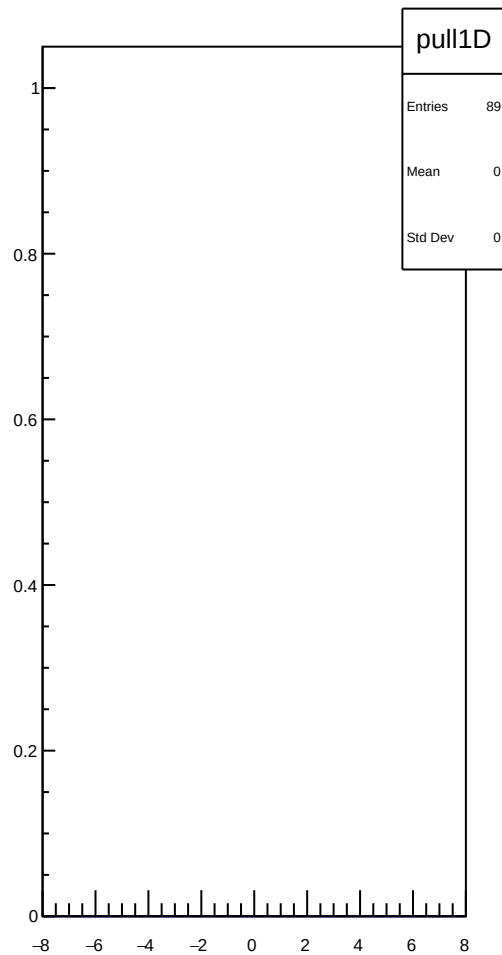
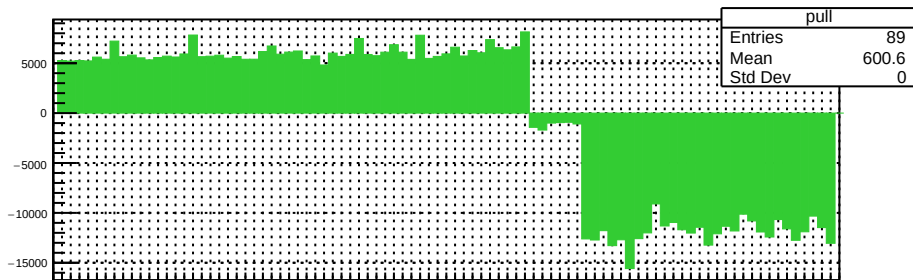
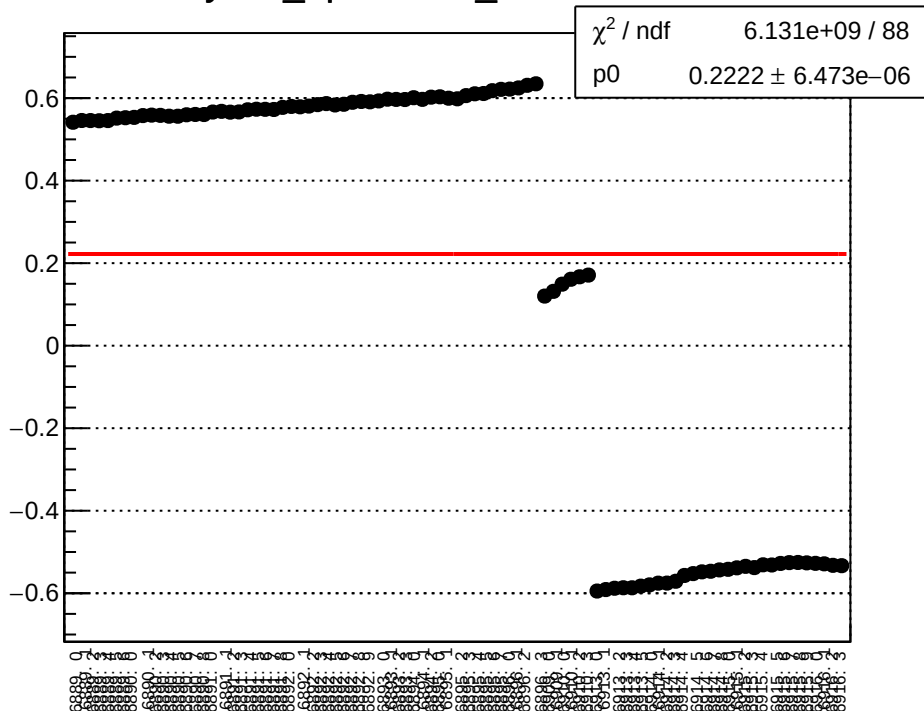
yield_bpm1i02X_mean vs run



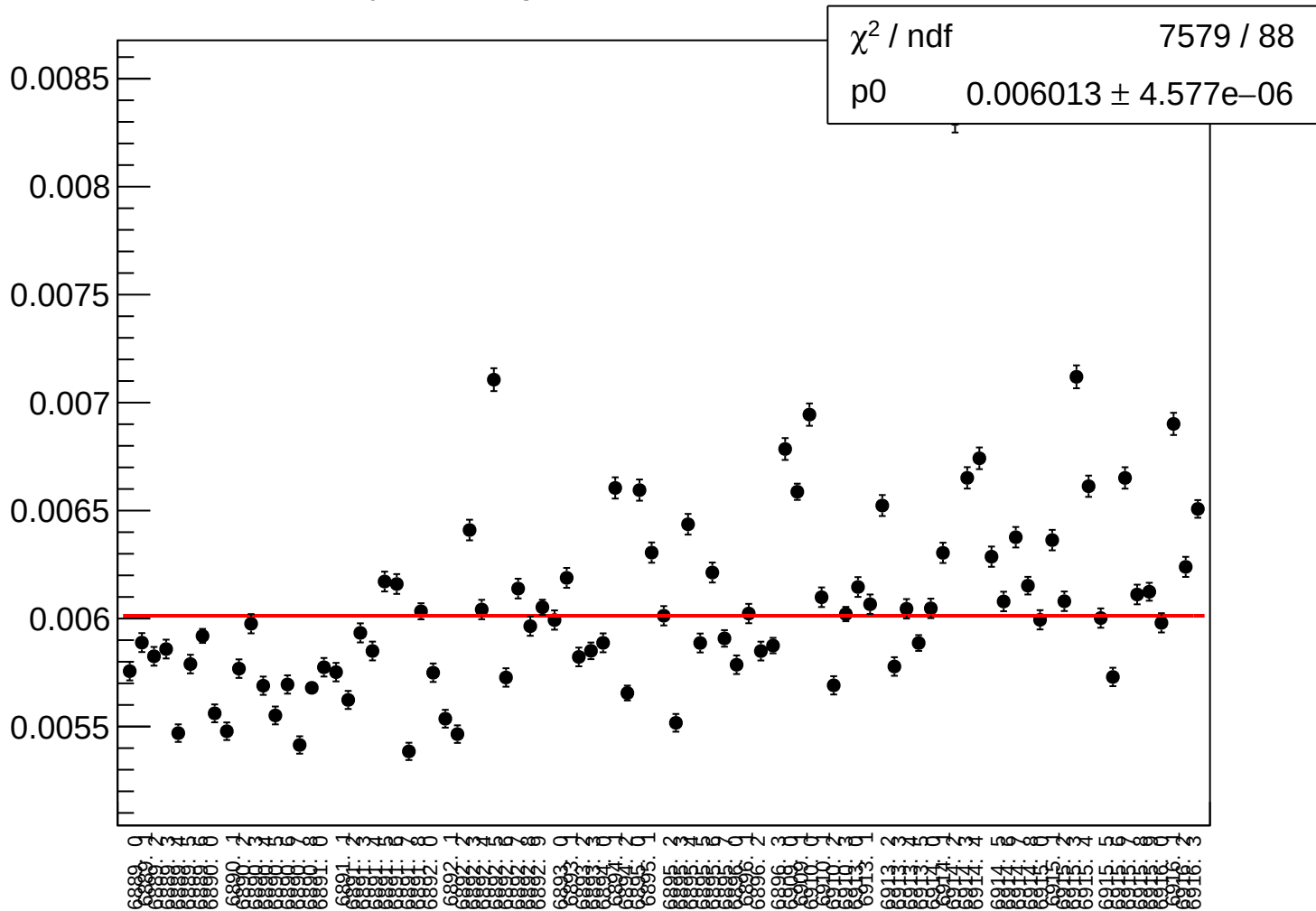
yield_bpm1i02X_rms vs run



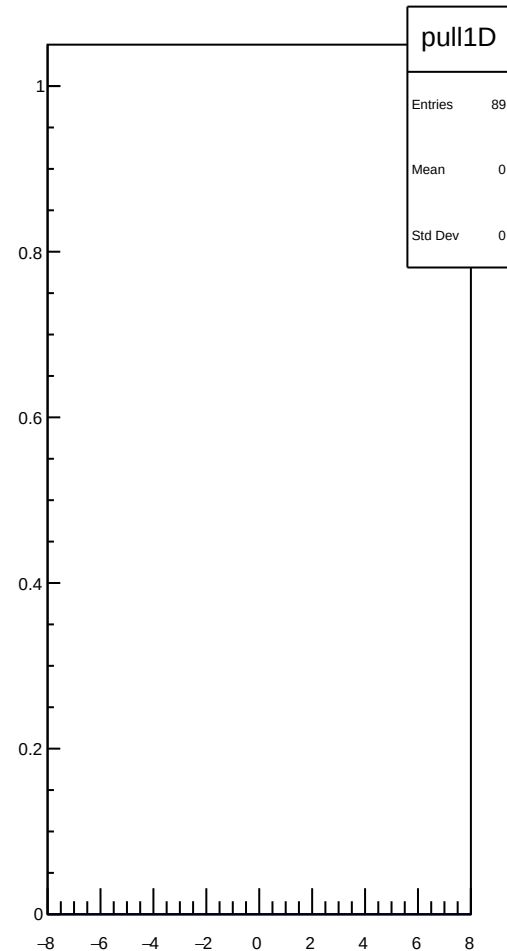
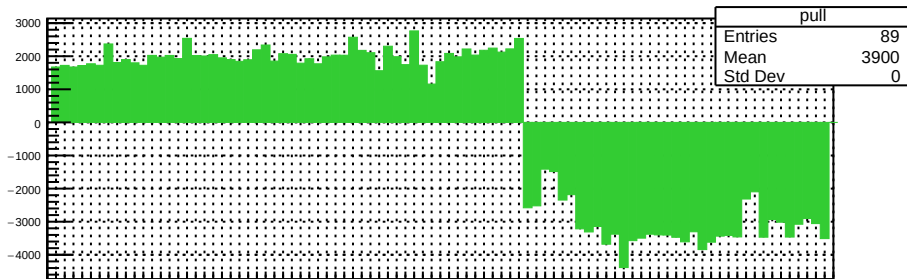
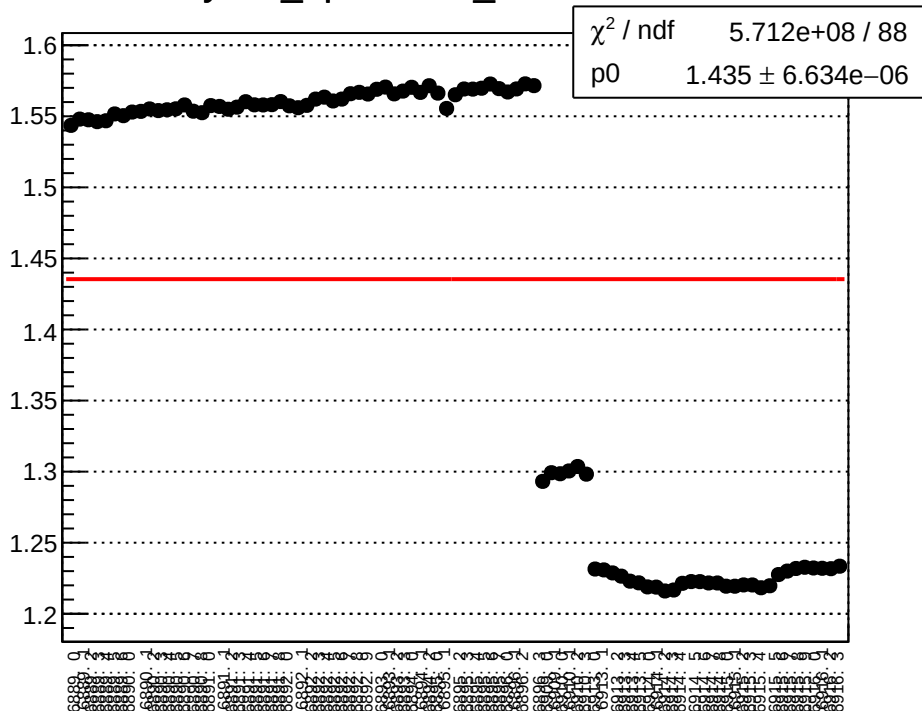
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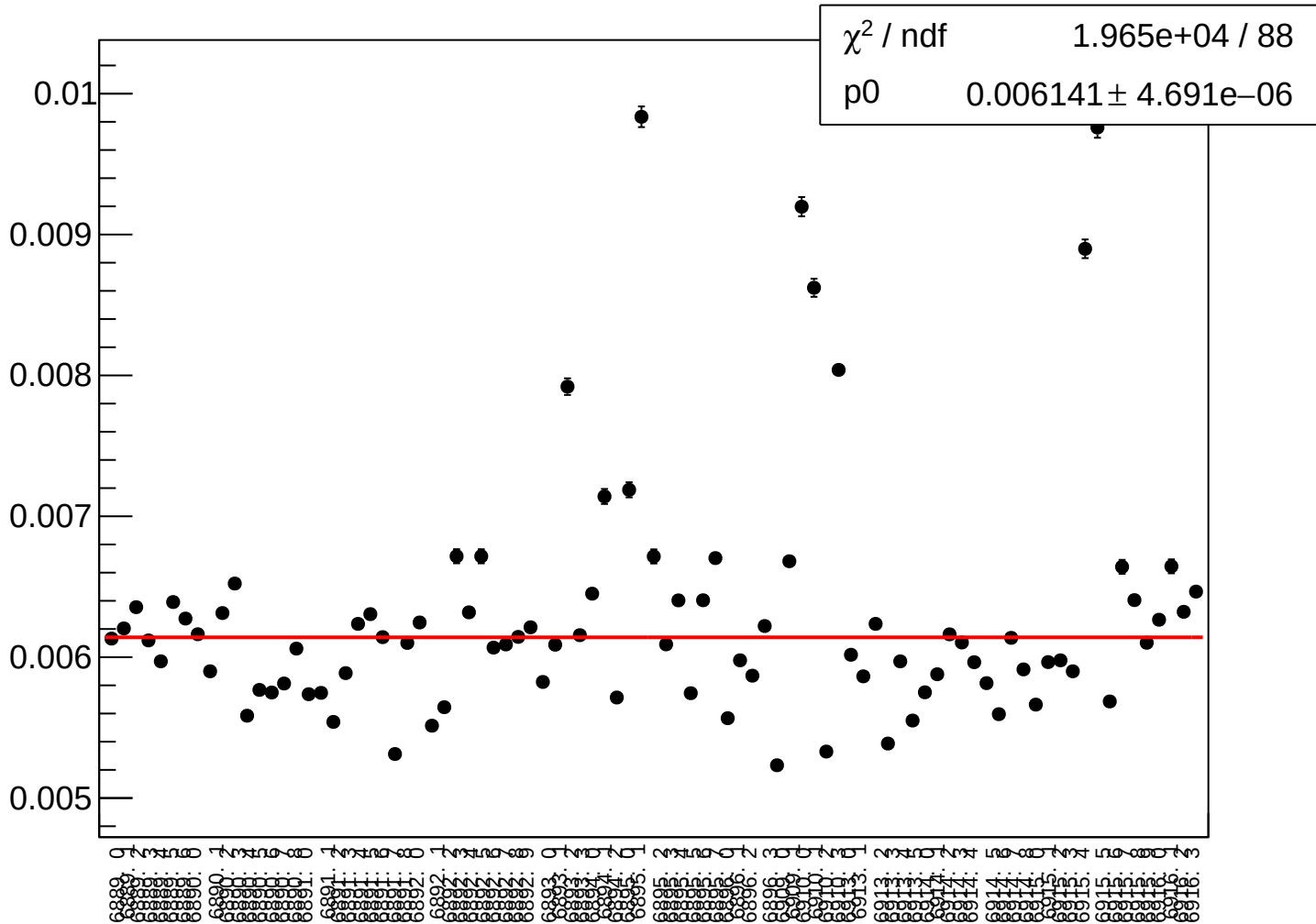
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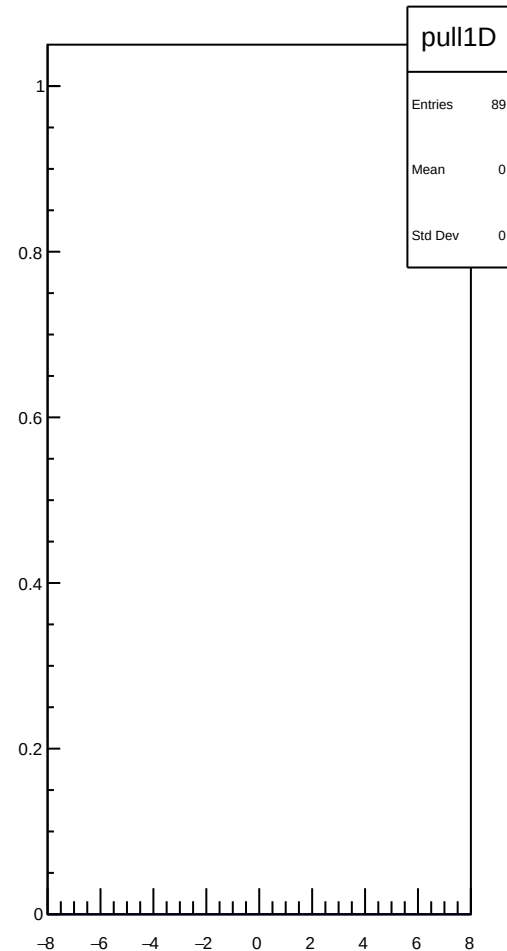
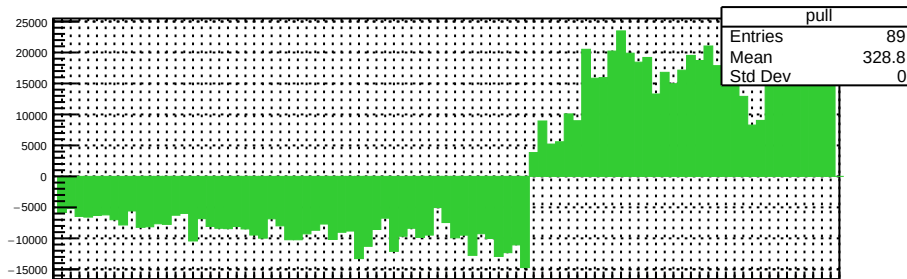
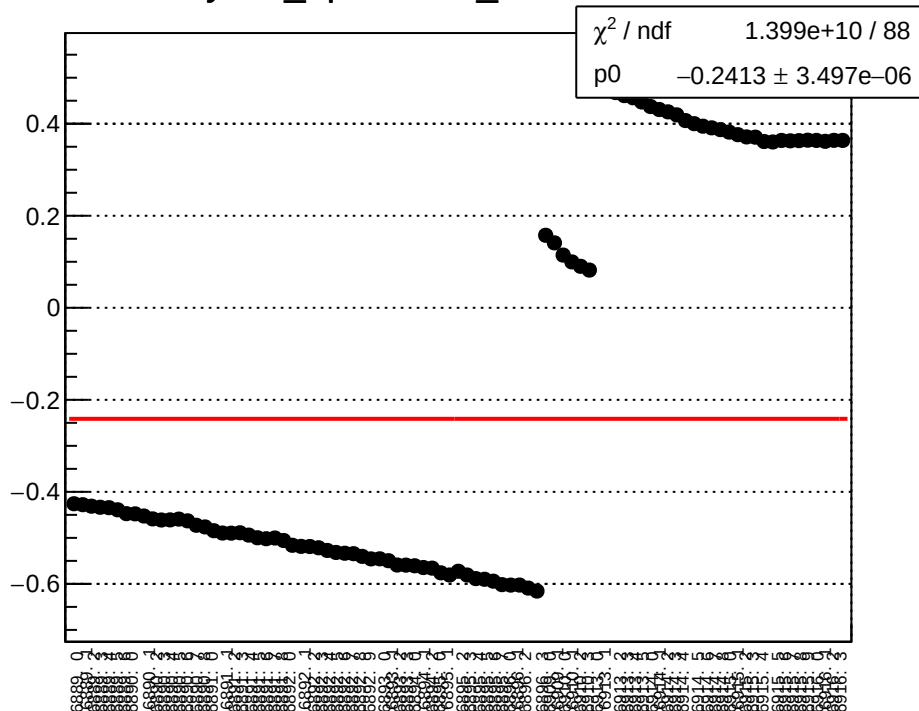
yield_bpm1i04X_mean vs run



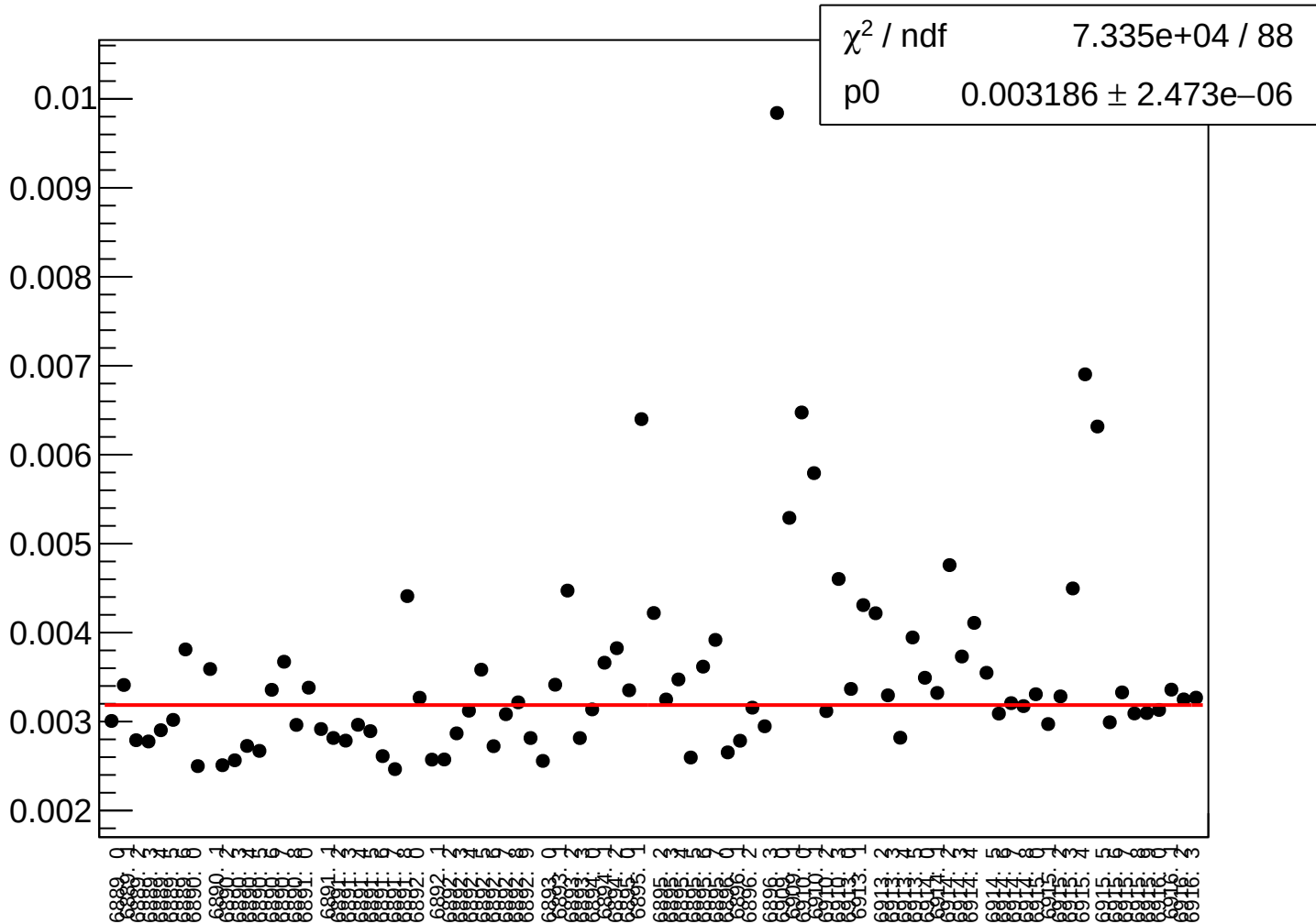
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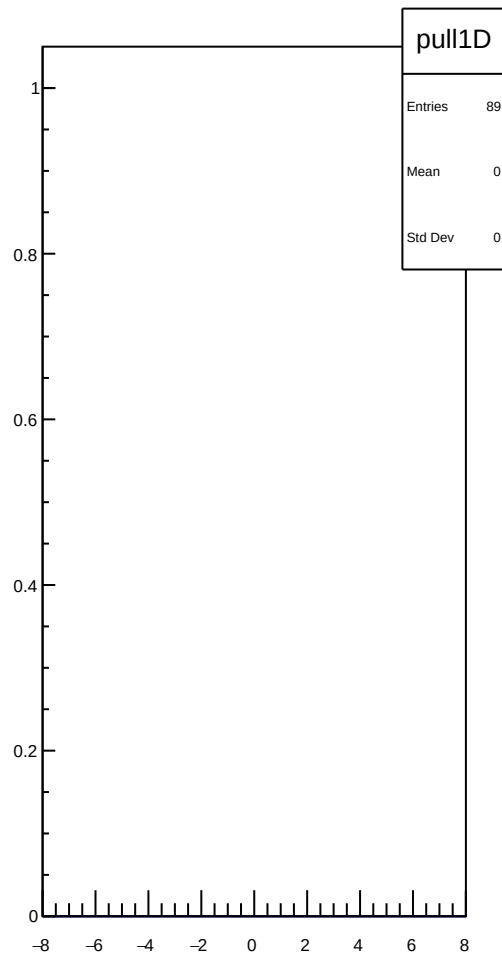
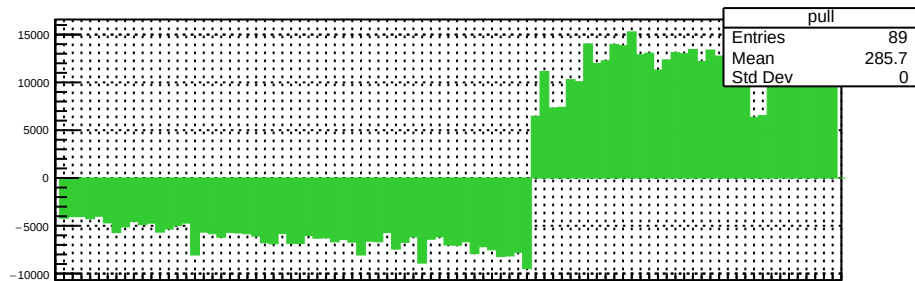
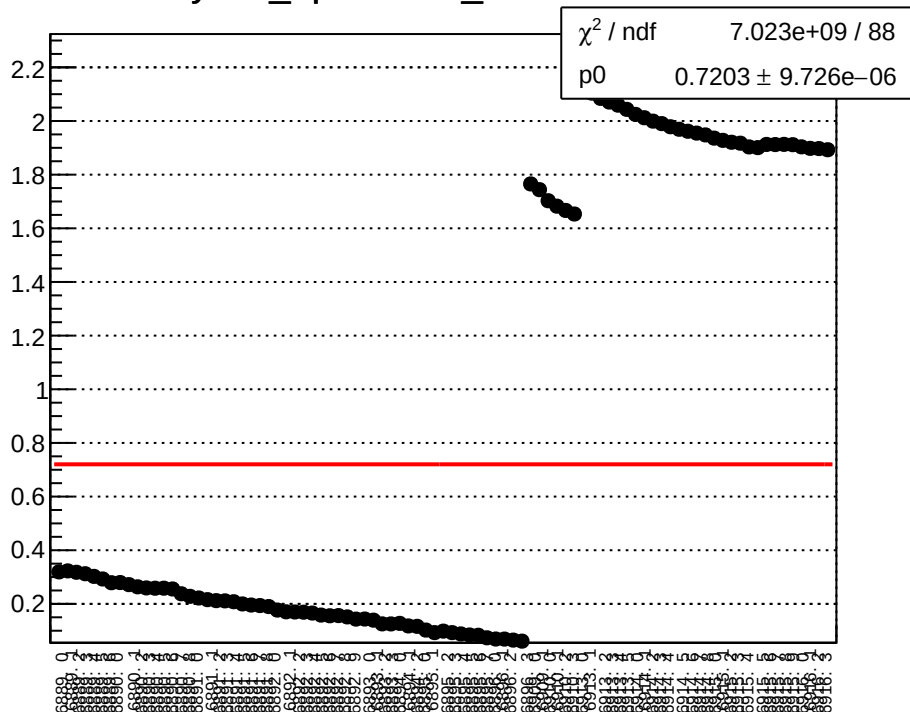
yield_bpm1i04Y_mean vs run



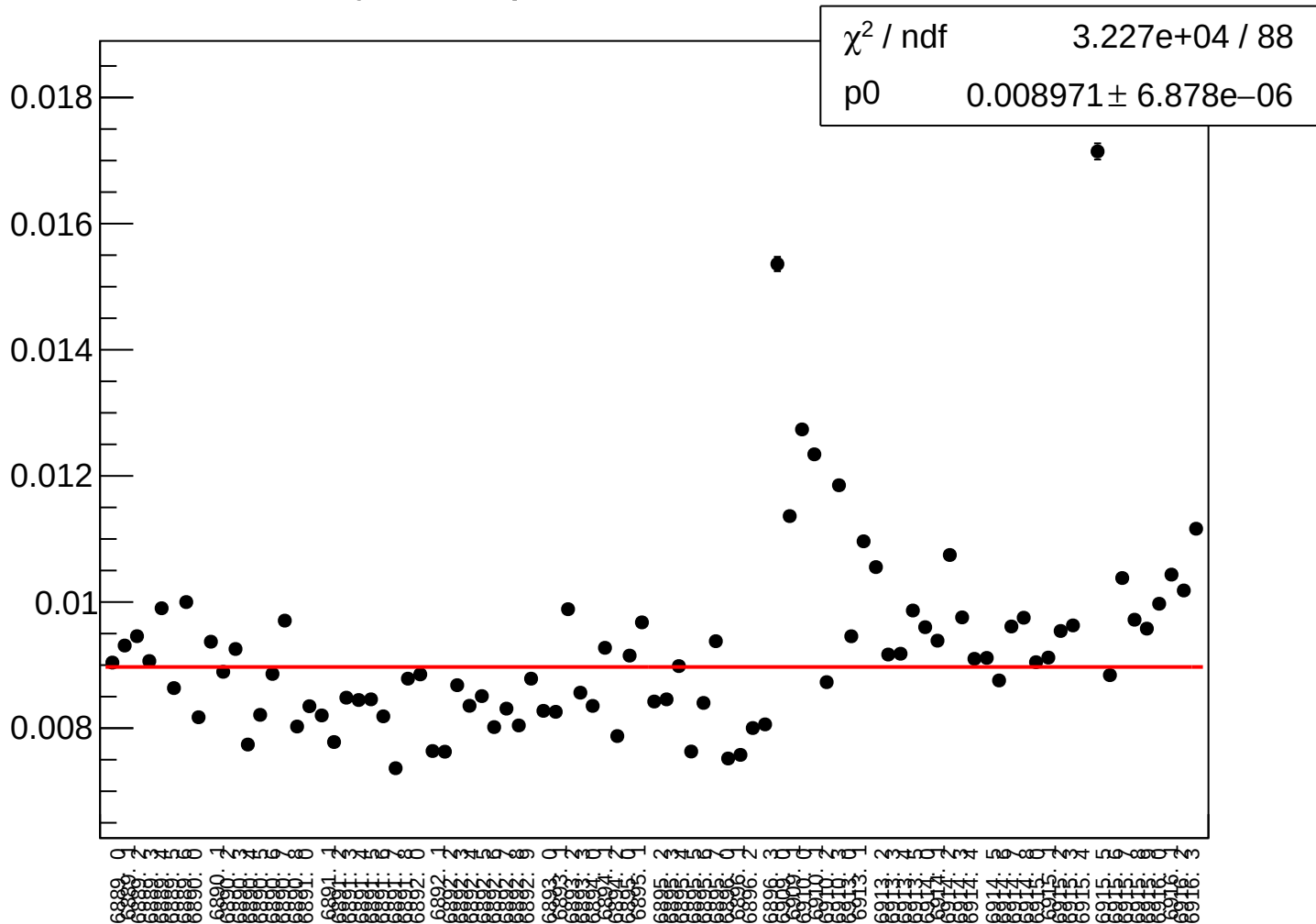
yield_bpm1i04Y_rms vs run



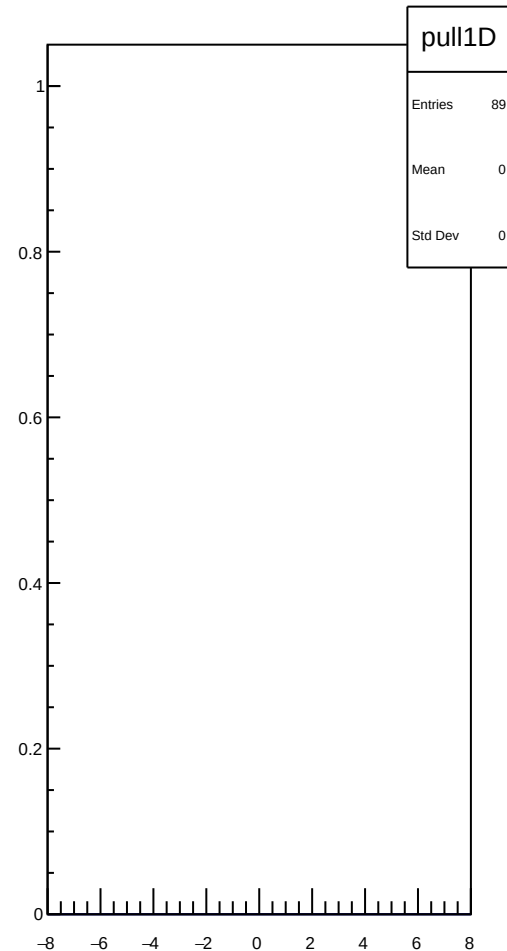
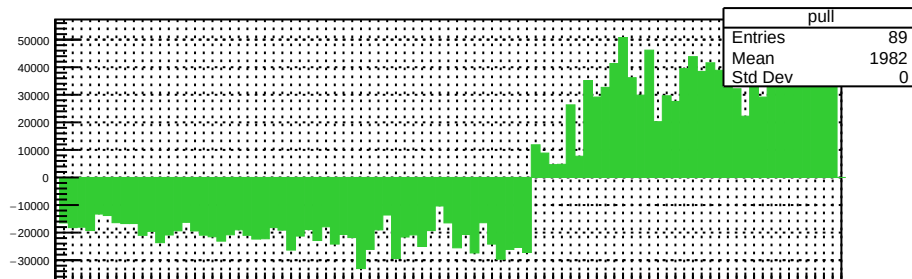
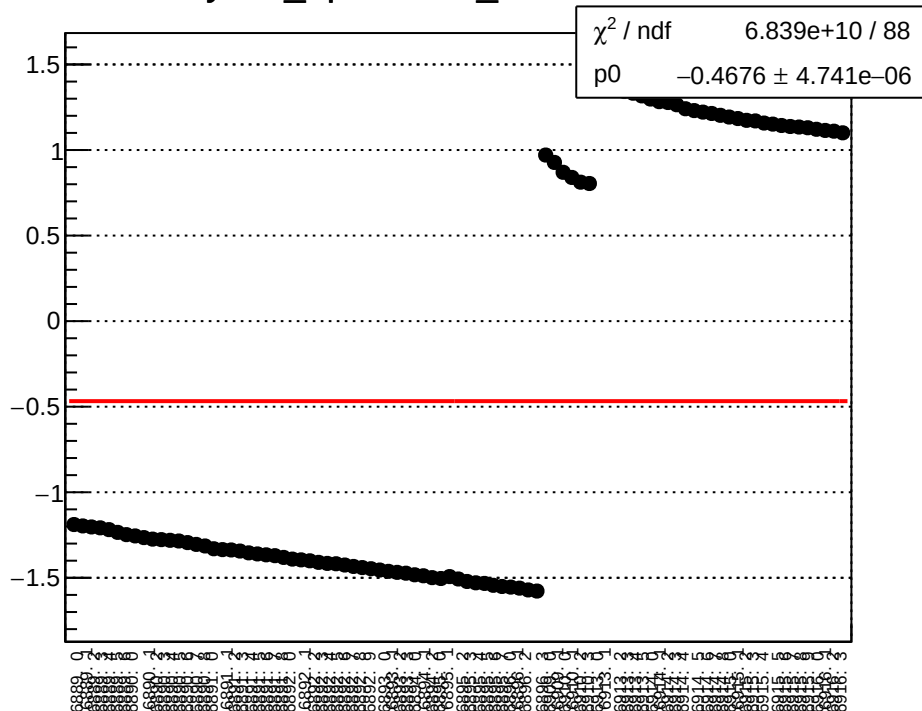
yield_bpm1i06X_mean vs run



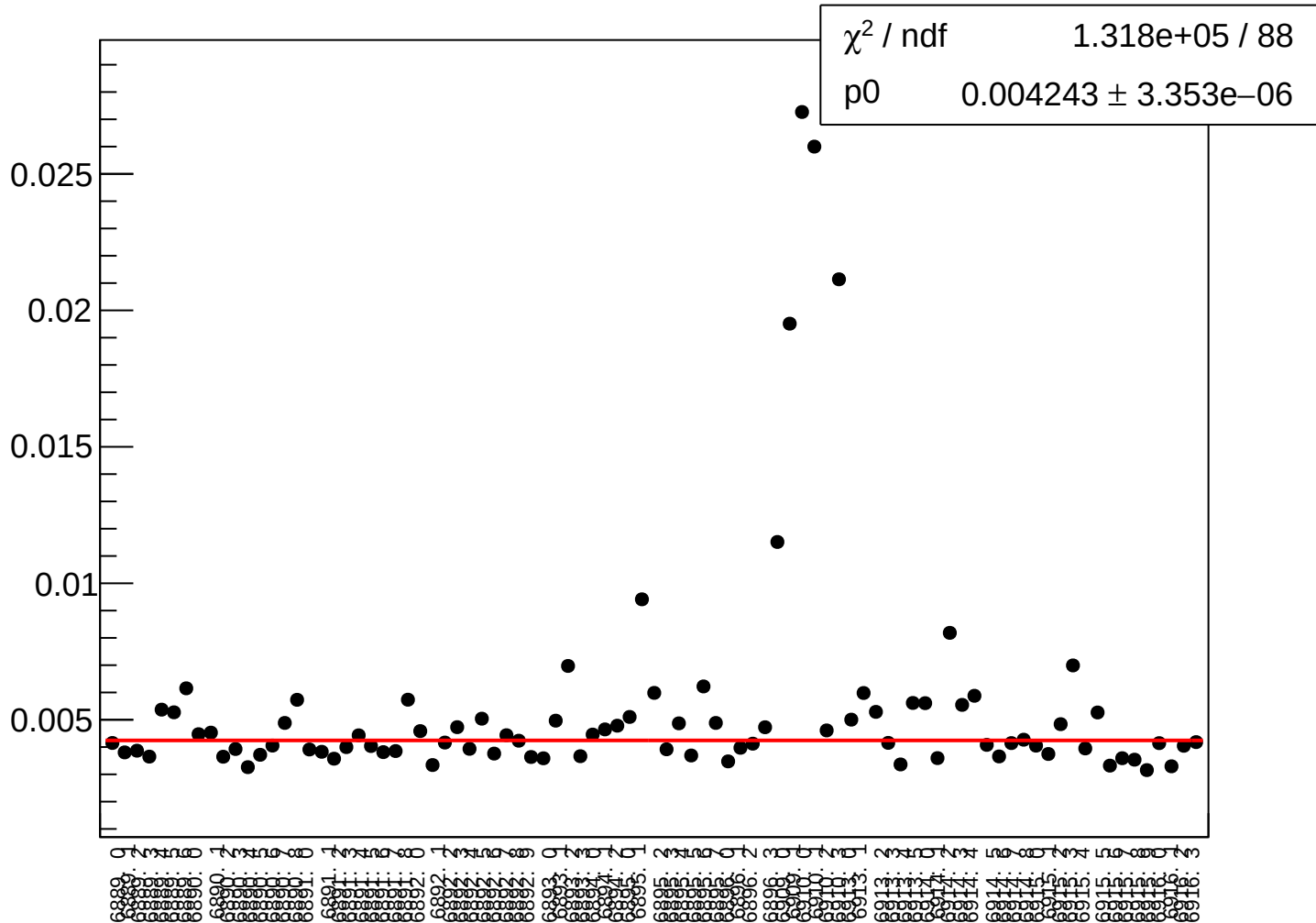
yield_bpm1i06X_rms vs run



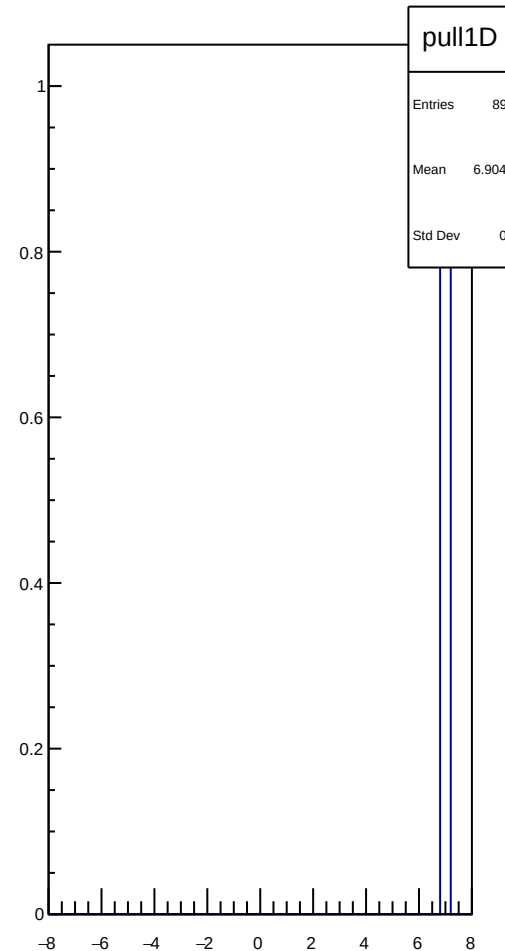
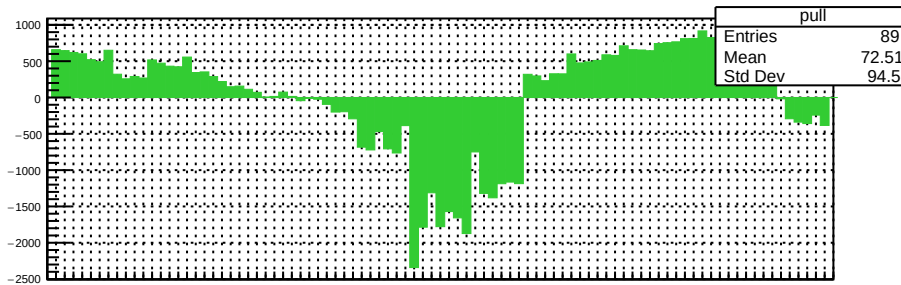
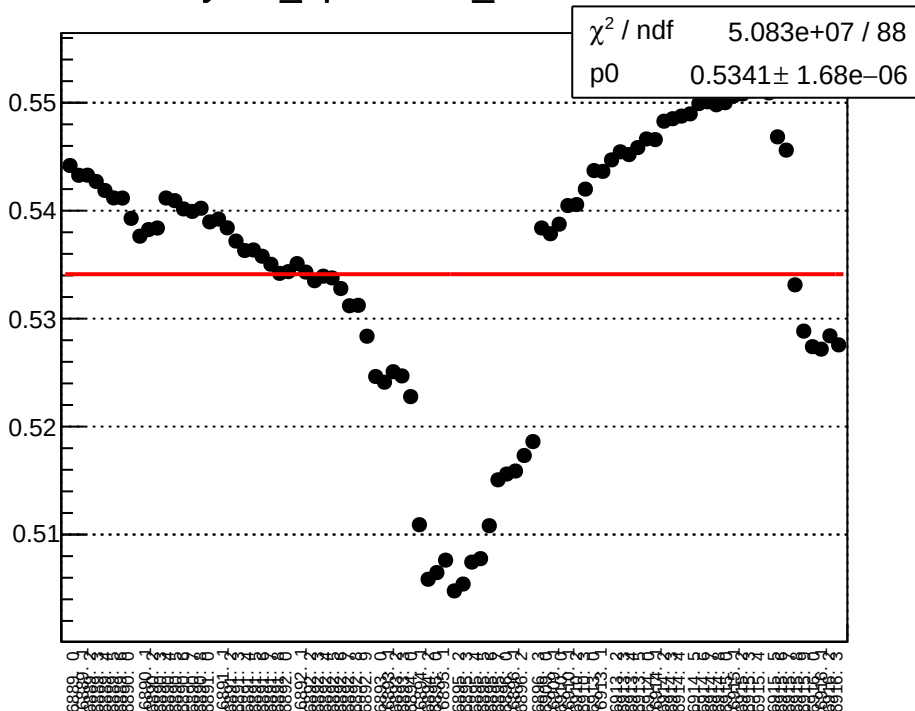
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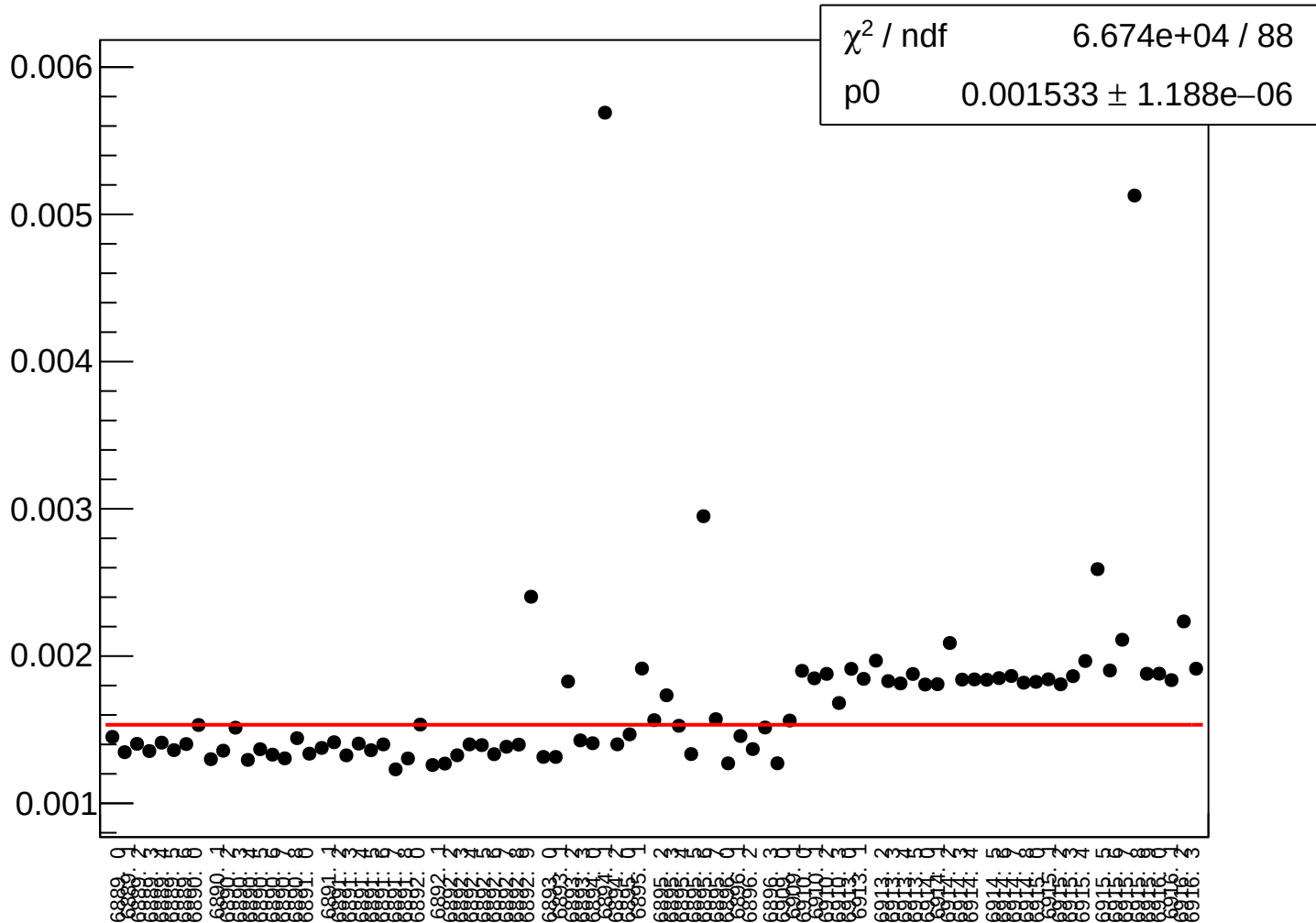
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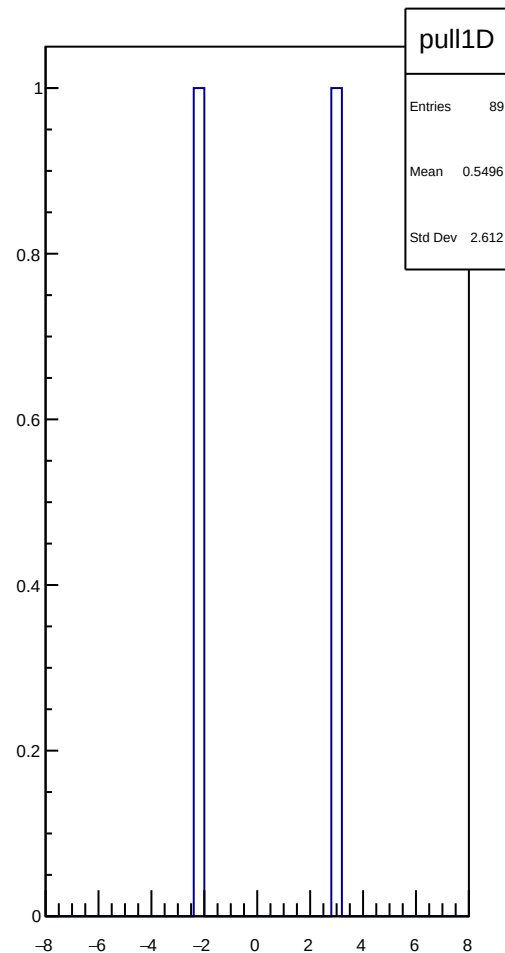
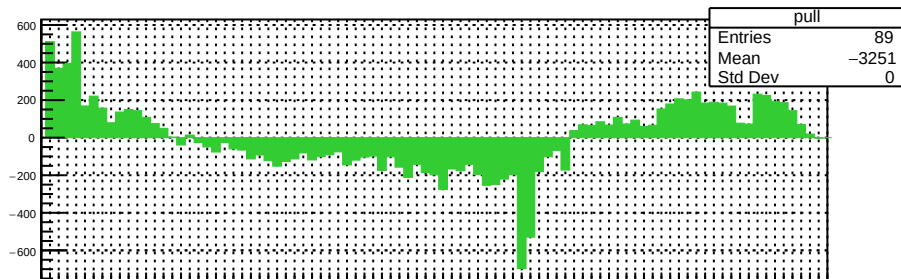
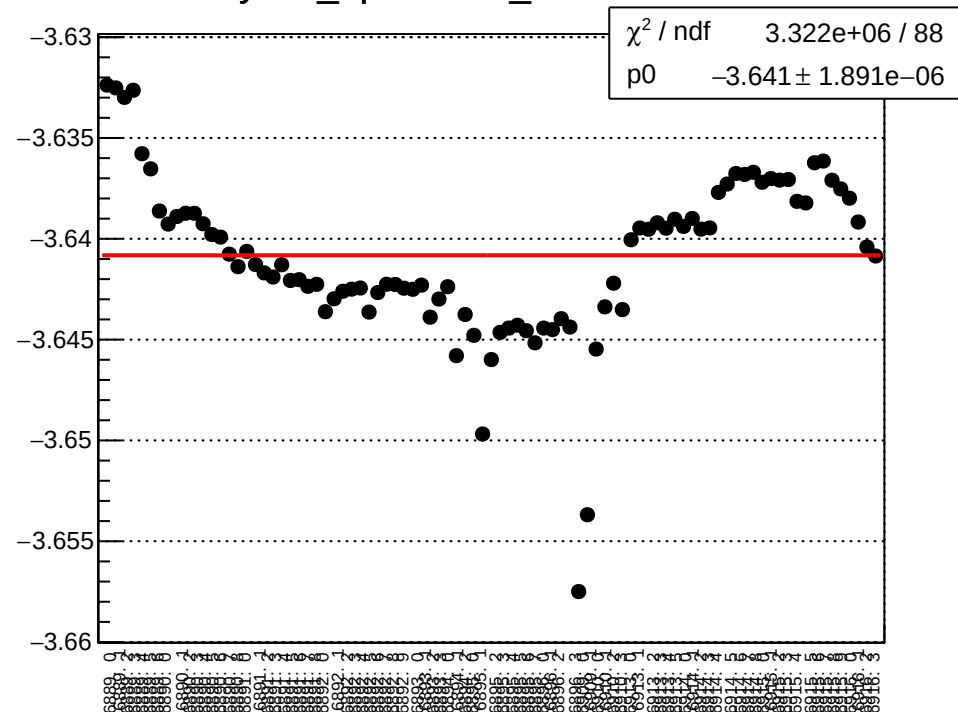
yield_bpm2i01X_mean vs run



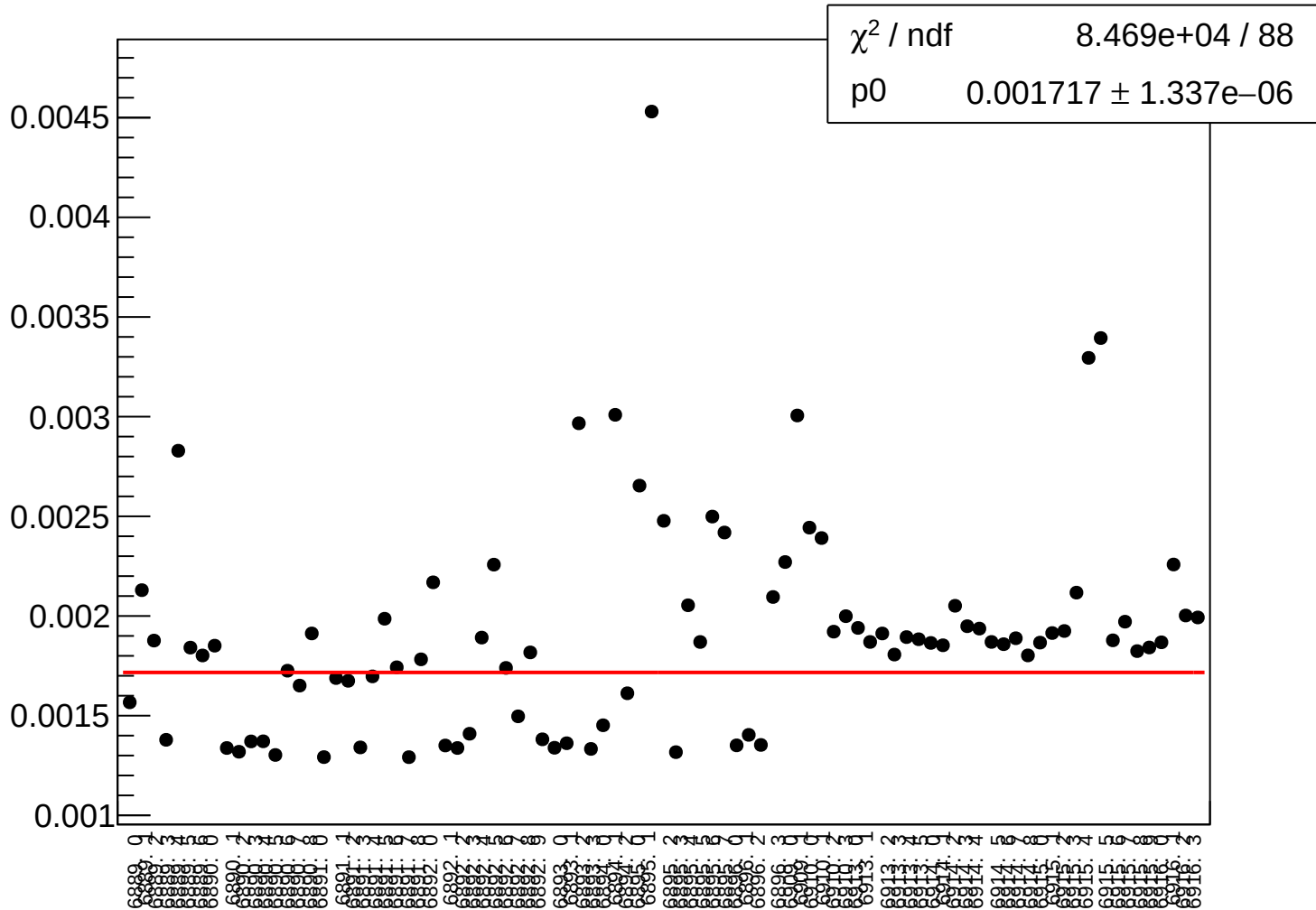
yield_bpm2i01X_rms vs run



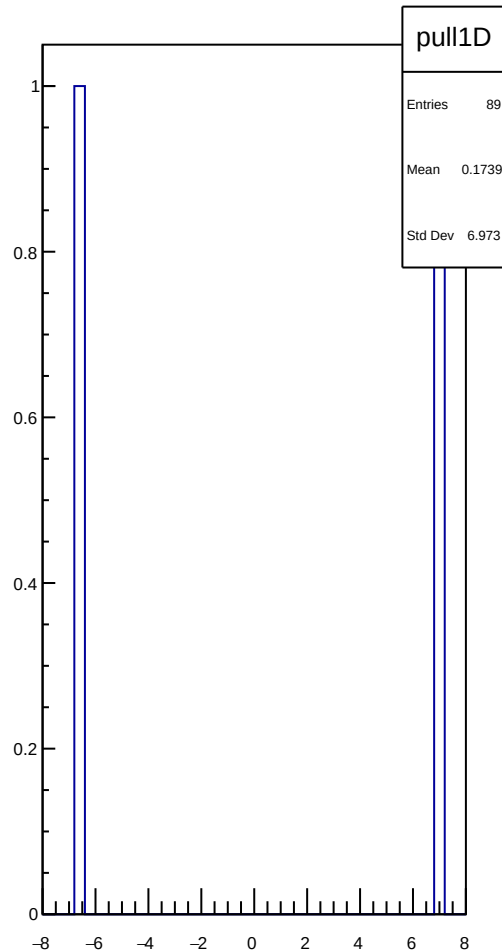
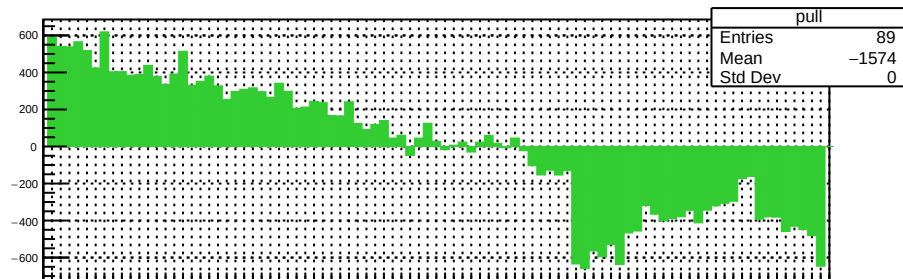
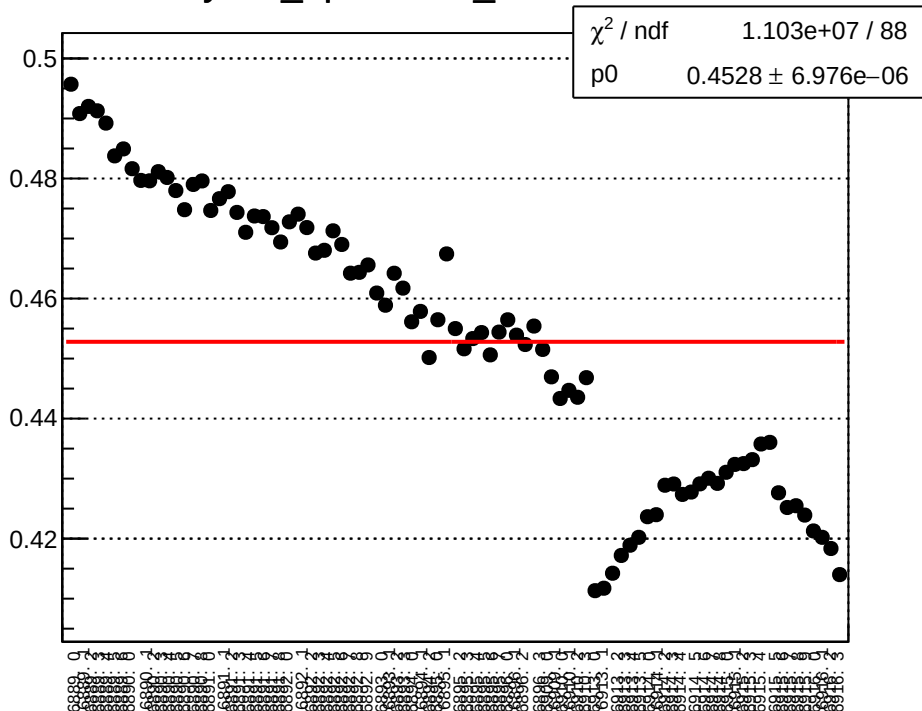
yield_bpm2i01Y_mean vs run



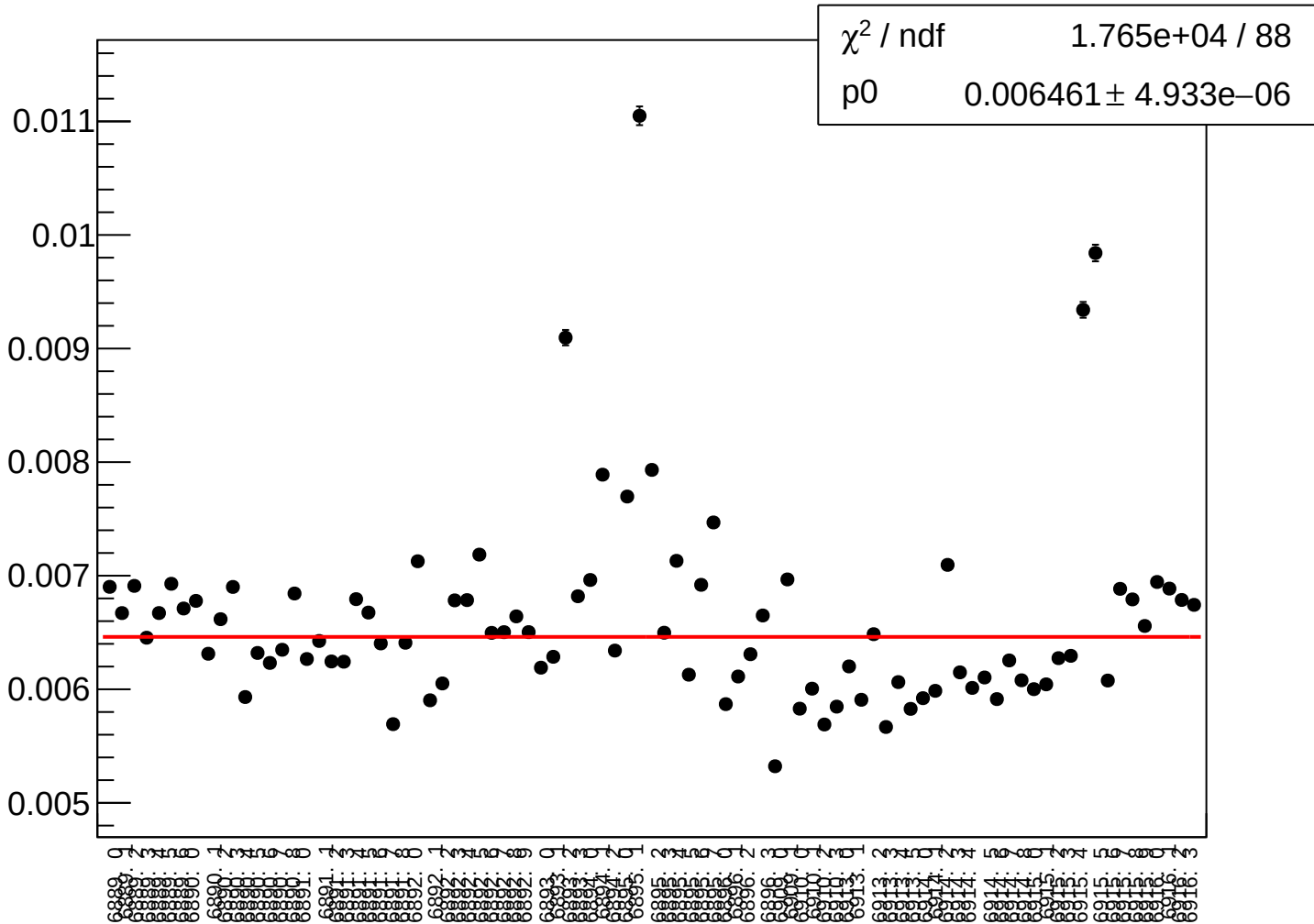
yield_bpm2i01Y_rms vs run



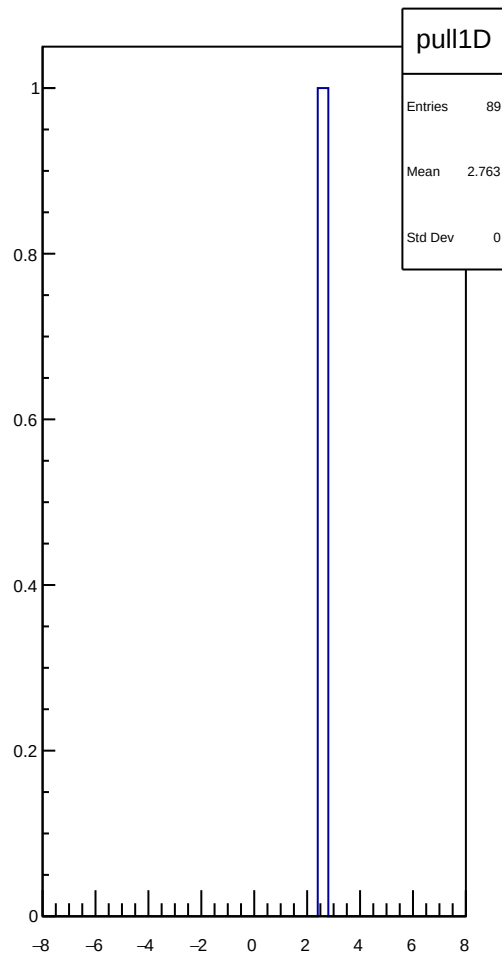
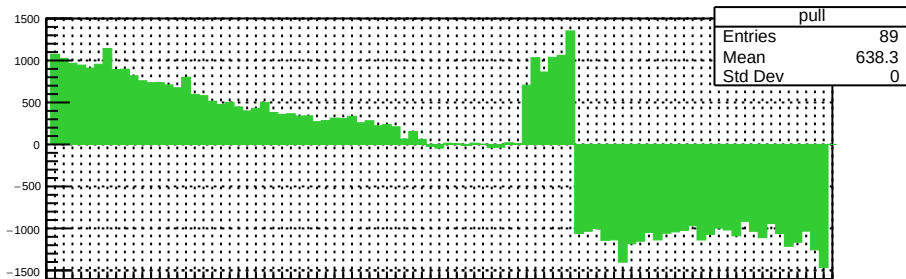
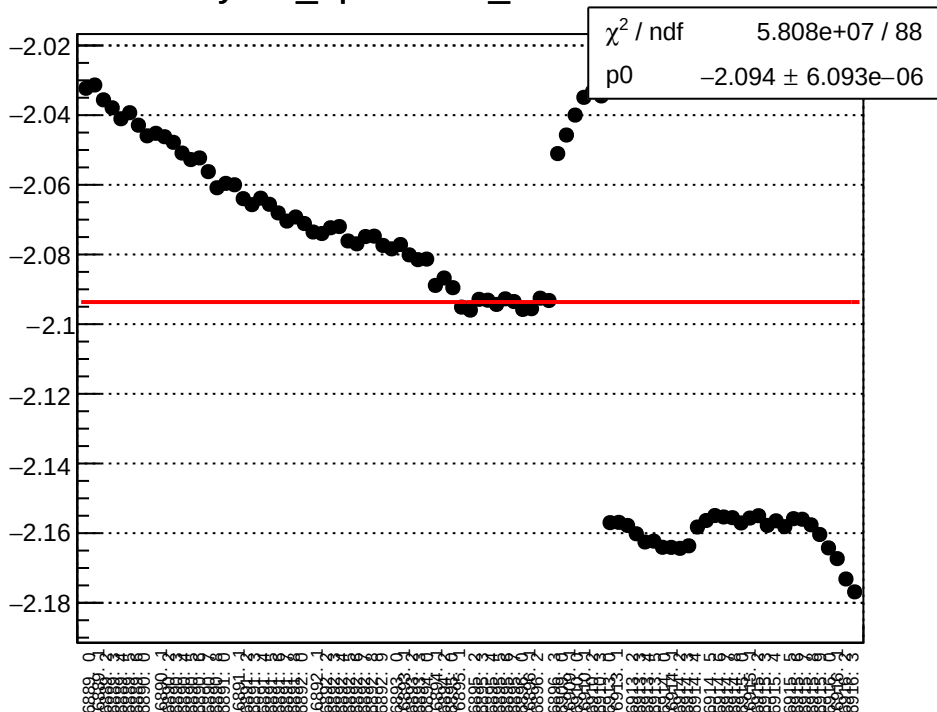
yield_bpm2i02X_mean vs run



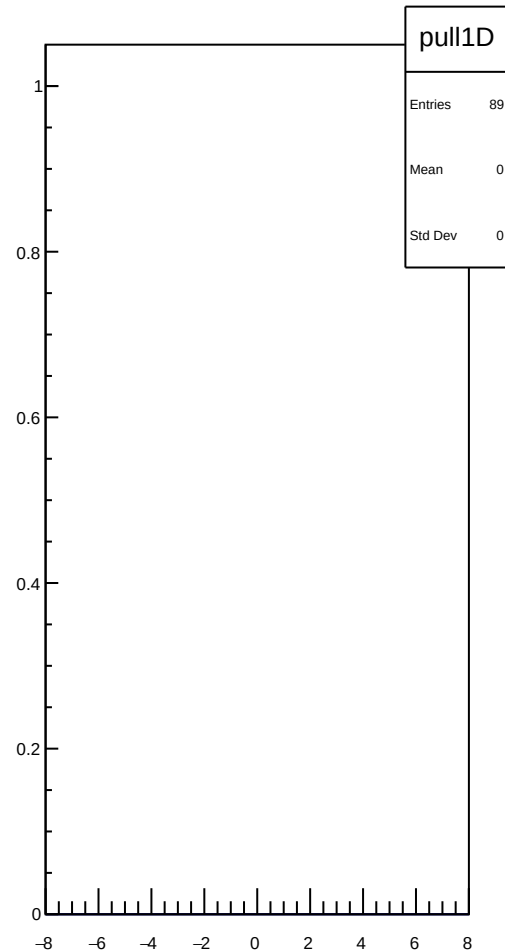
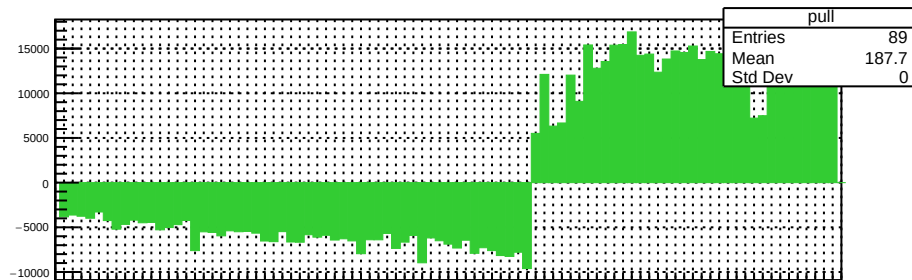
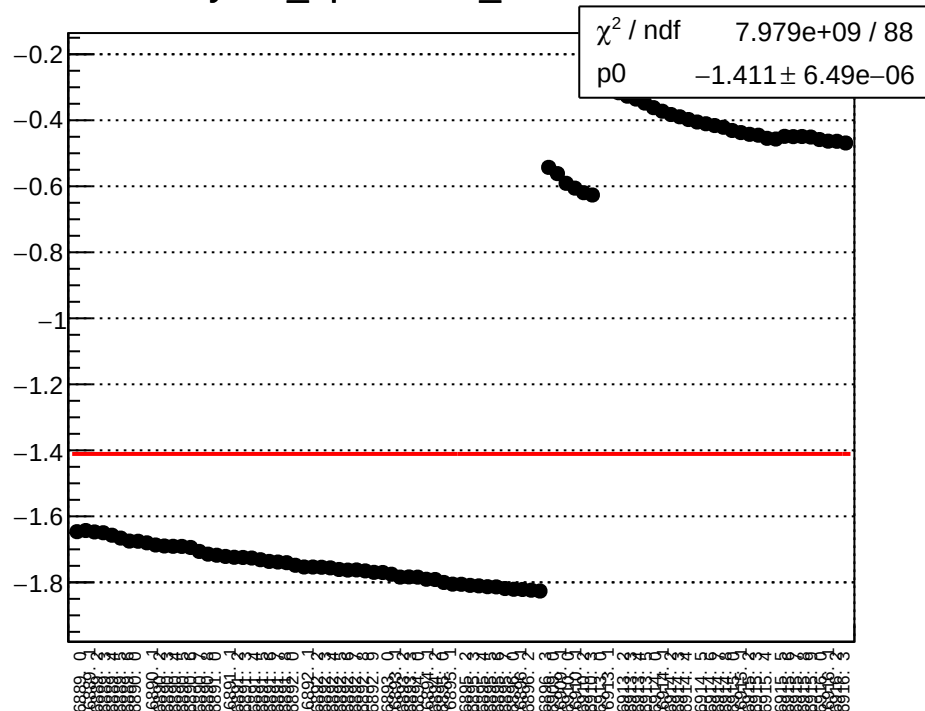
yield_bpm2i02X_rms vs run



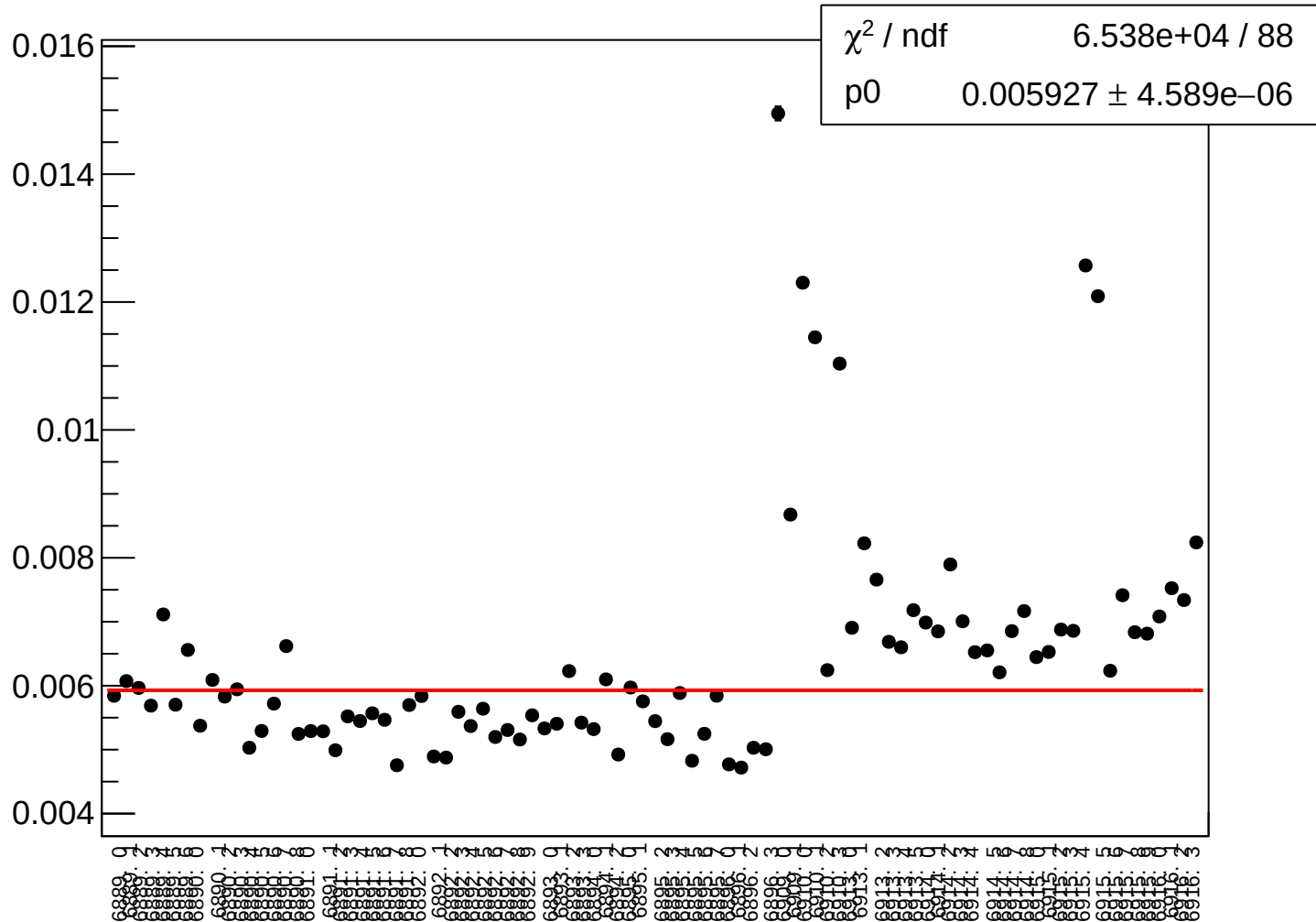
yield_bpm2i02Y_mean vs run



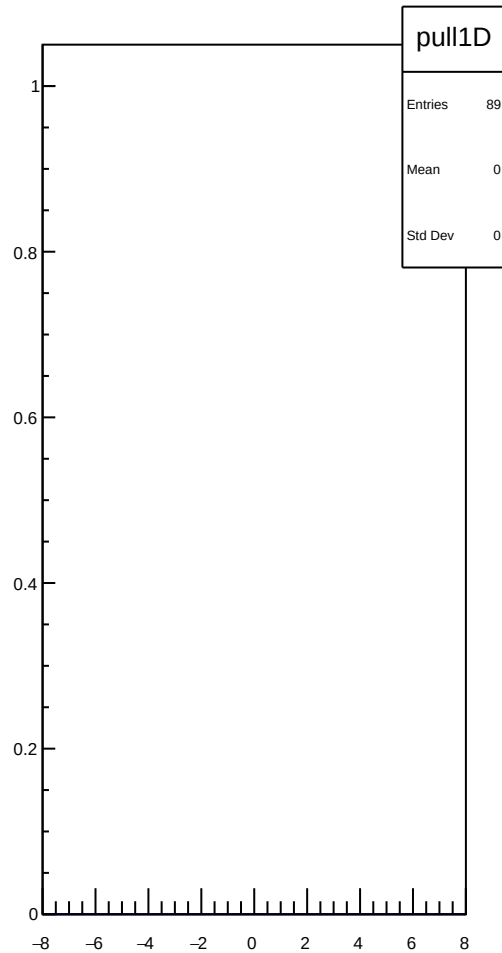
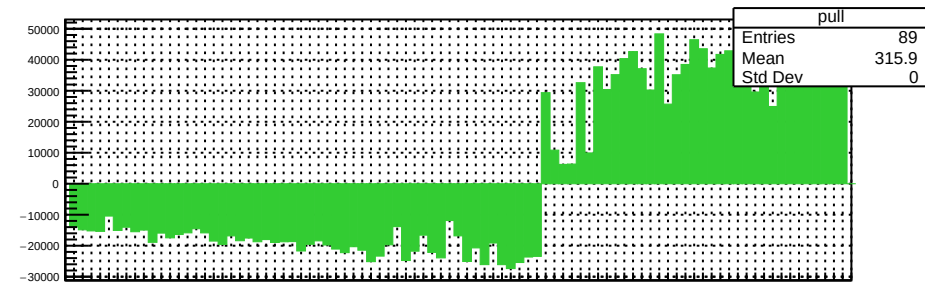
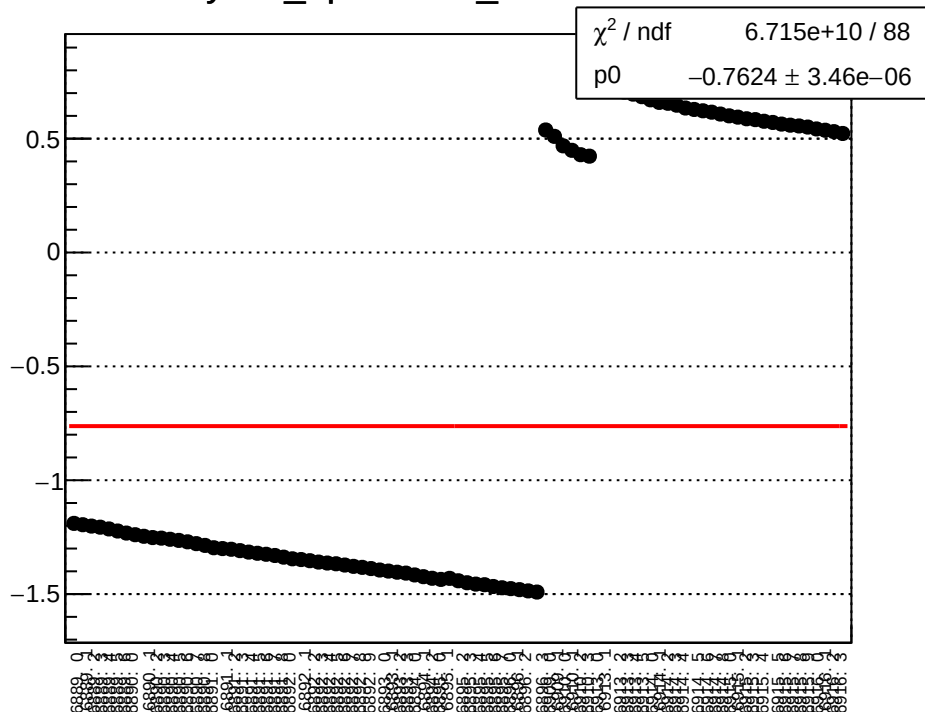
yield_bpm0i01X_mean vs run



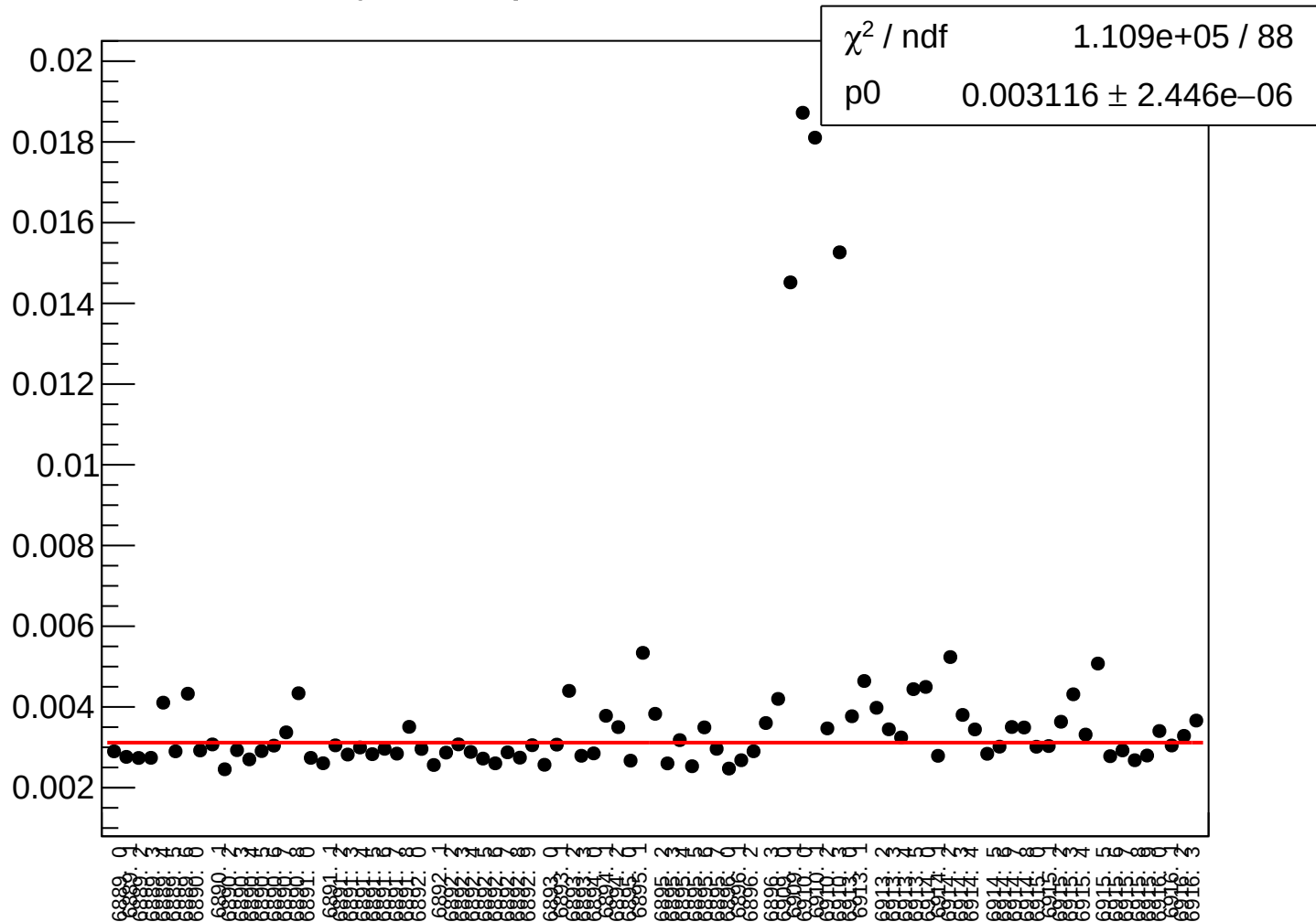
yield_bpm0i01X_rms vs run



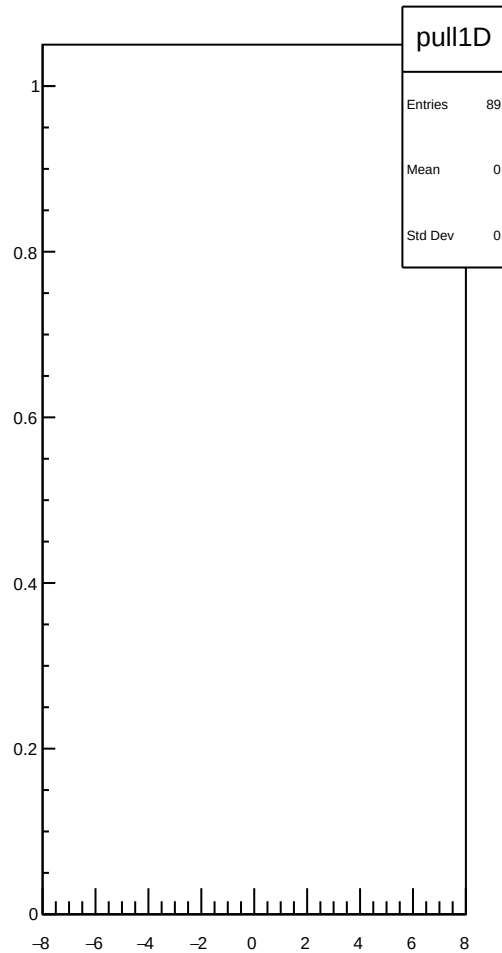
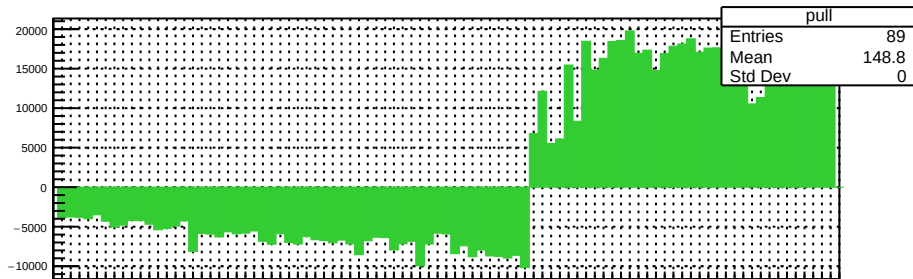
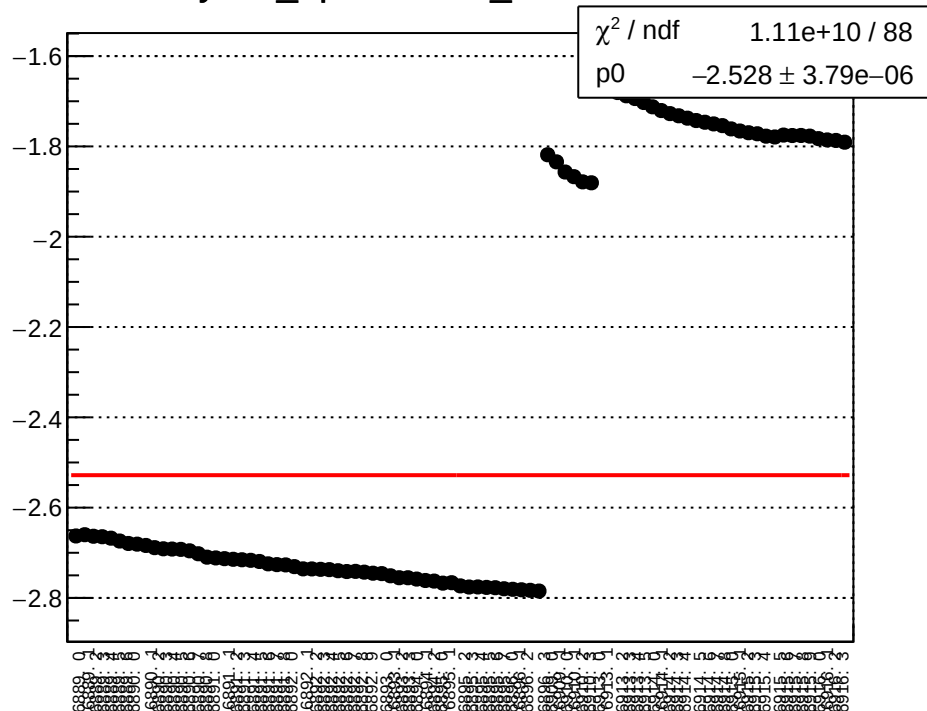
yield_bpm0i01Y_mean vs run



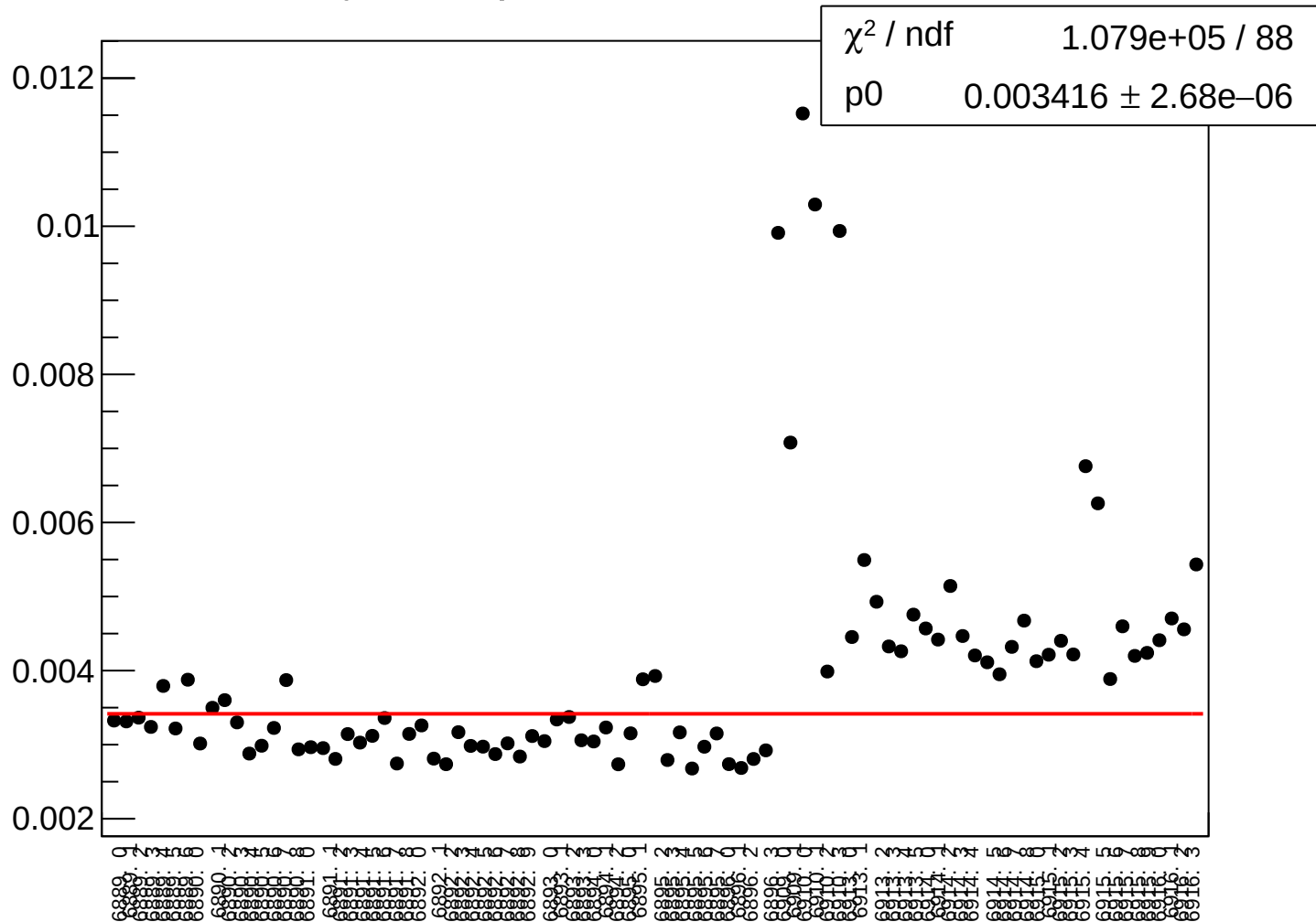
yield_bpm0i01Y_rms vs run



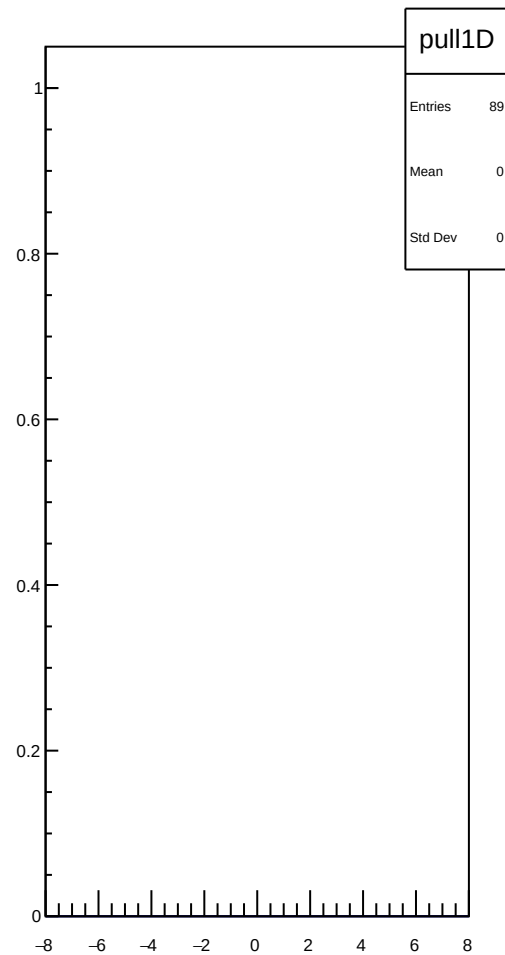
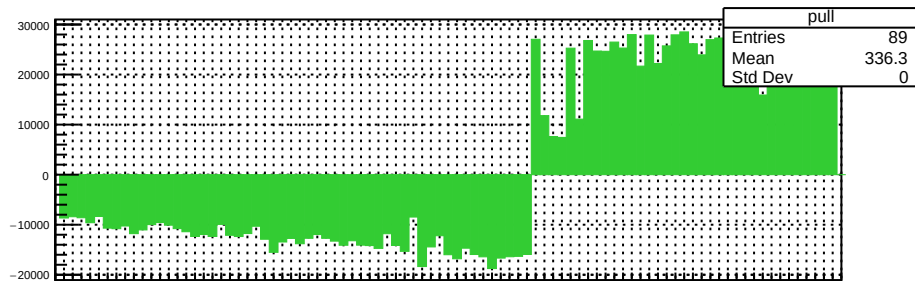
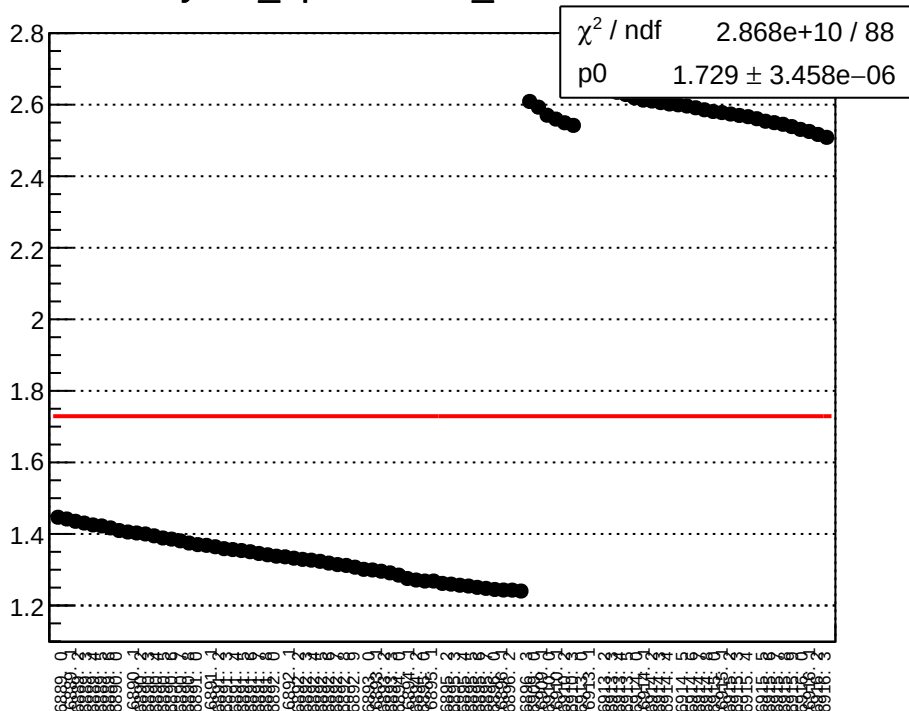
yield_bpm0i01aX_mean vs run



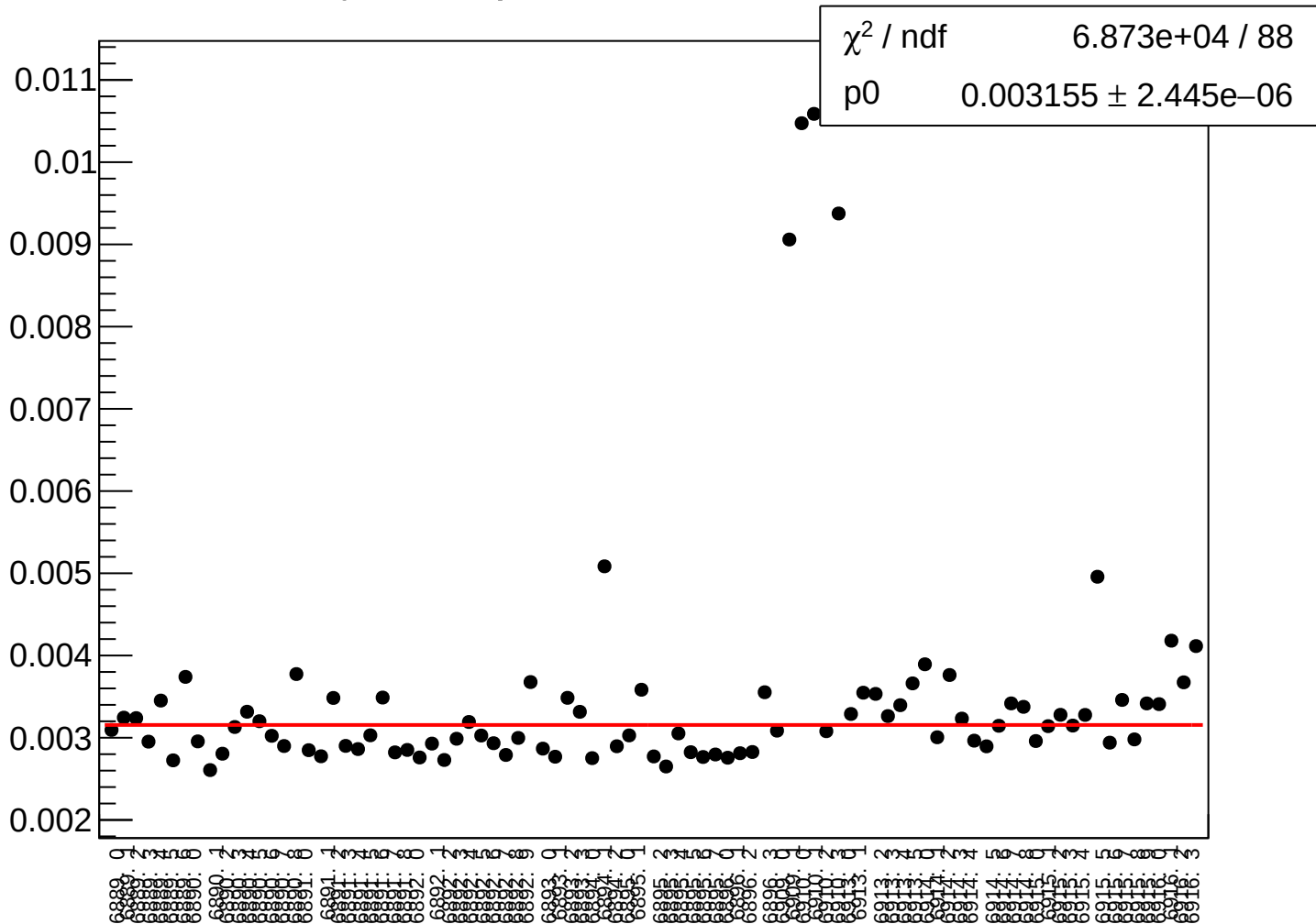
yield_bpm0i01aX_rms vs run



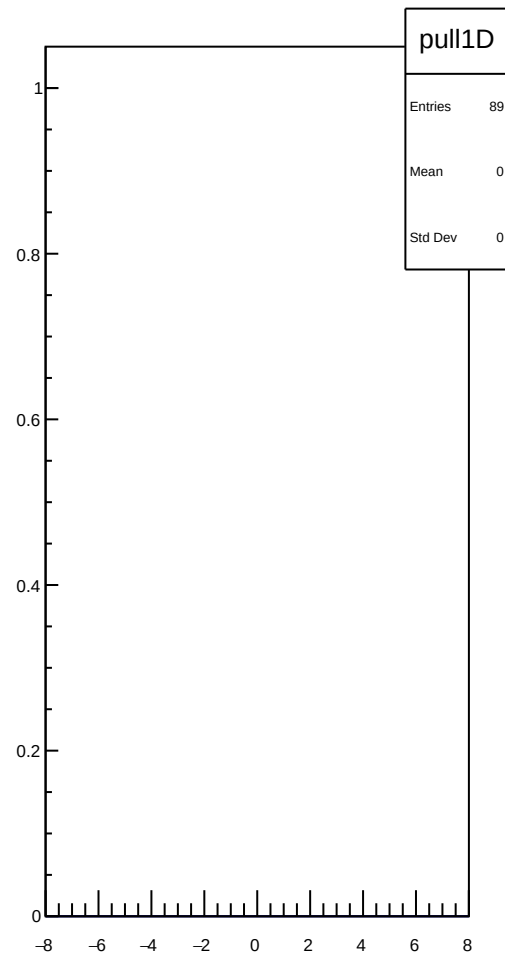
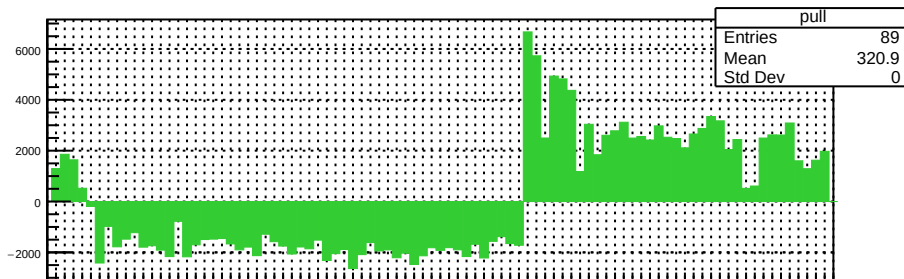
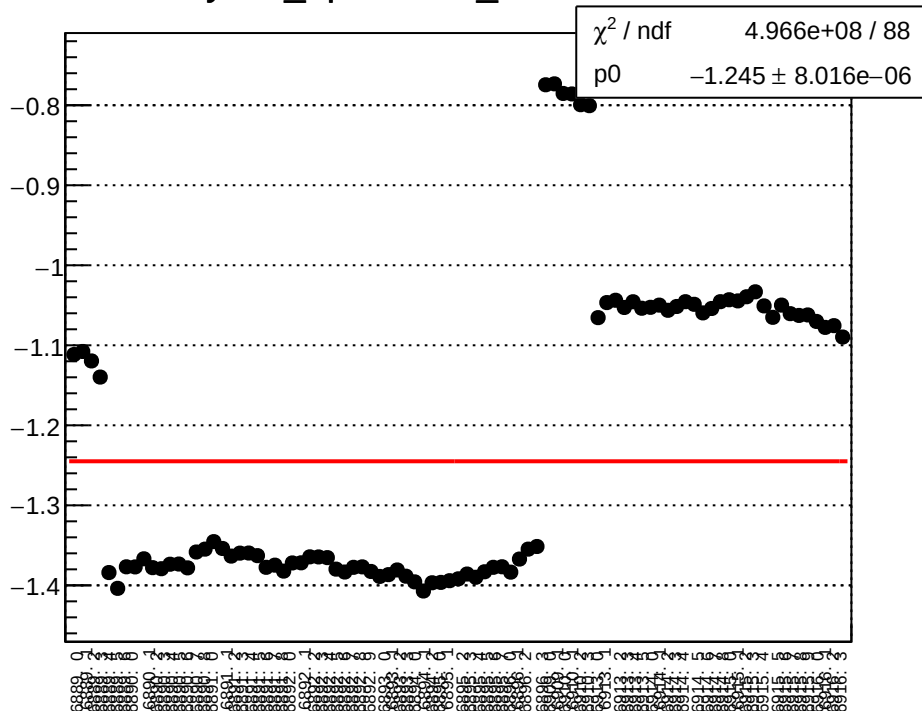
yield_bpm0i01aY_mean vs run



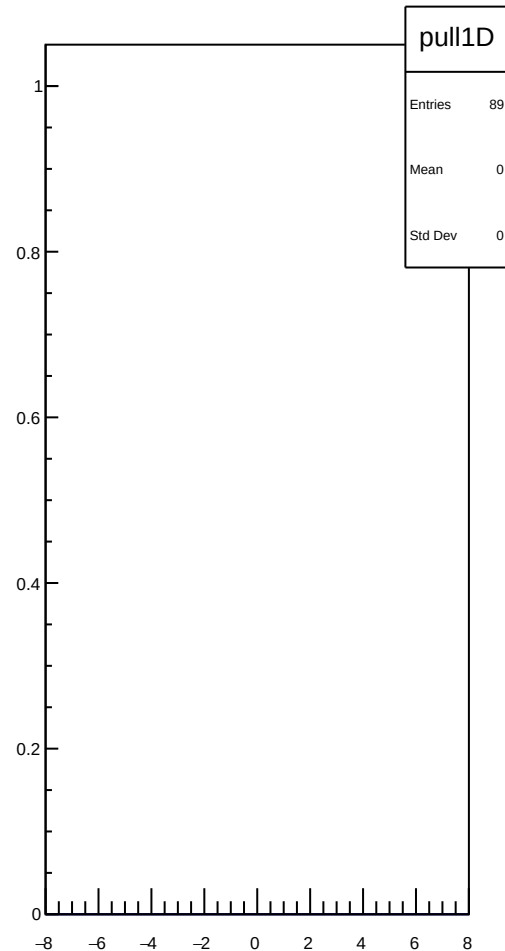
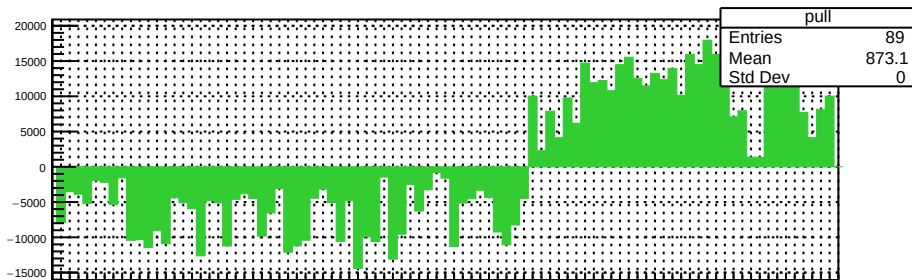
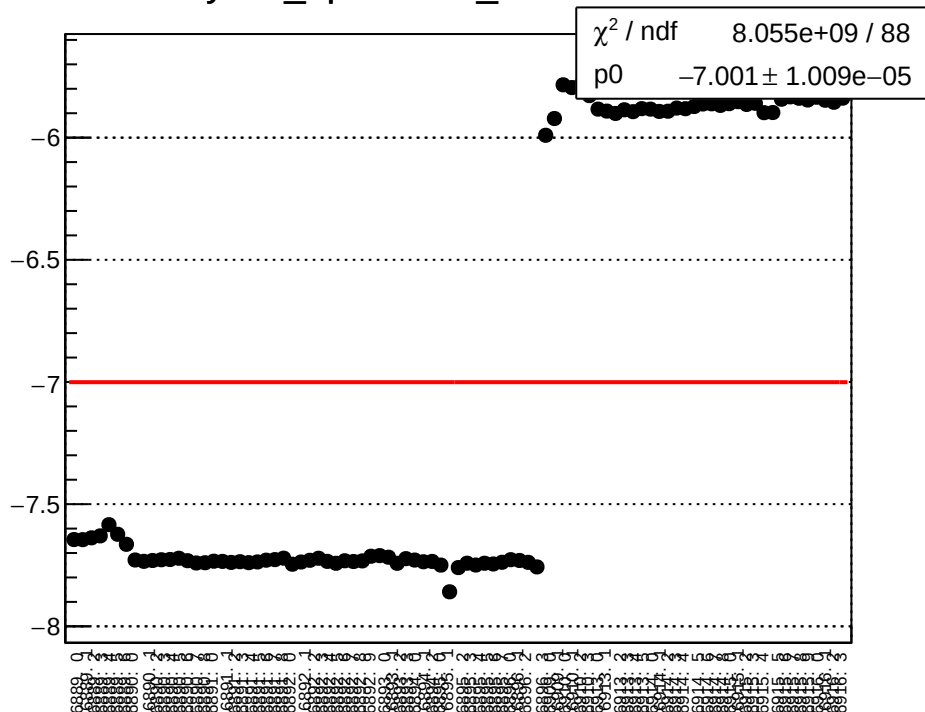
yield_bpm0i01aY_rms vs run



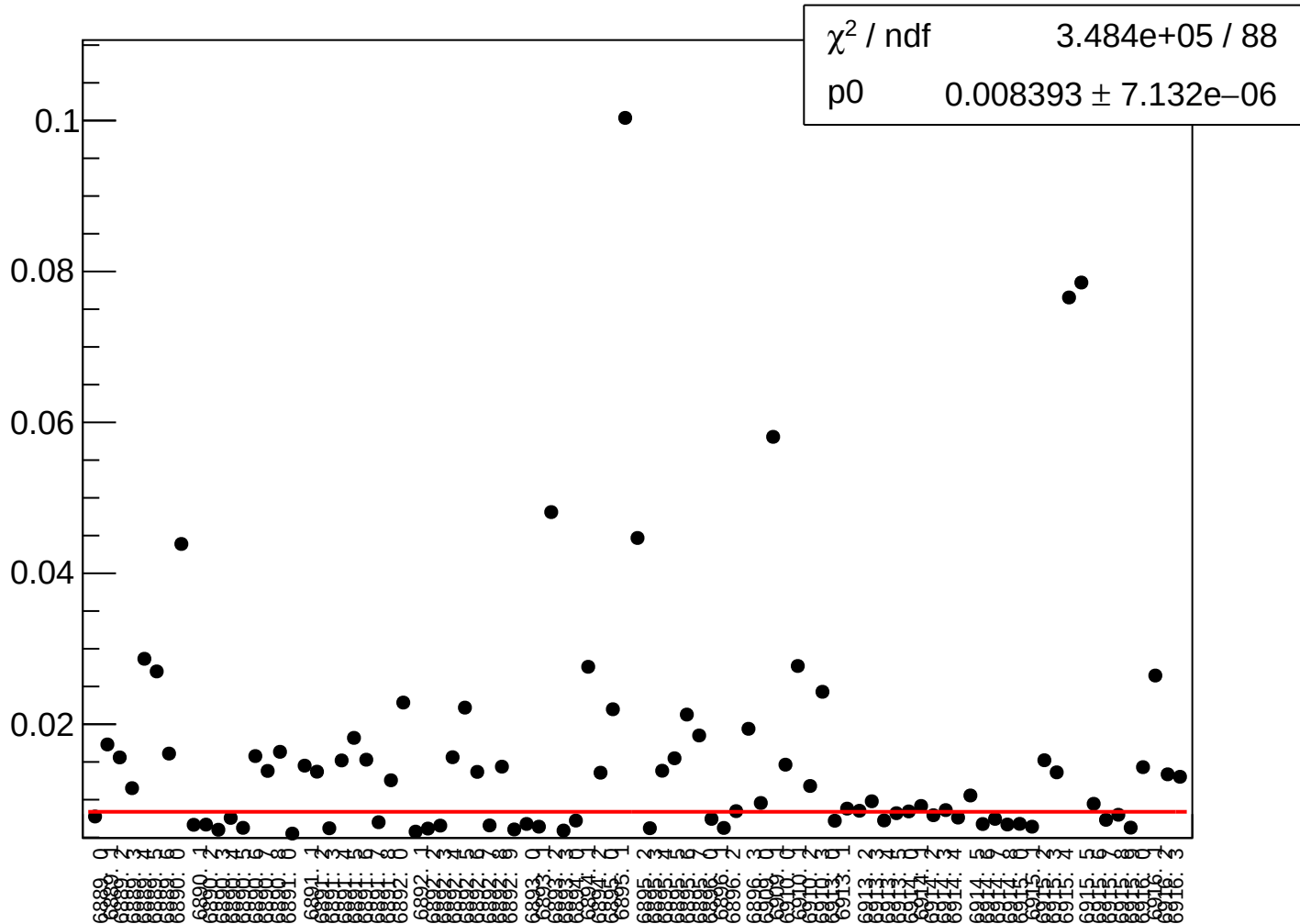
yield_bpm0l01X_mean vs run



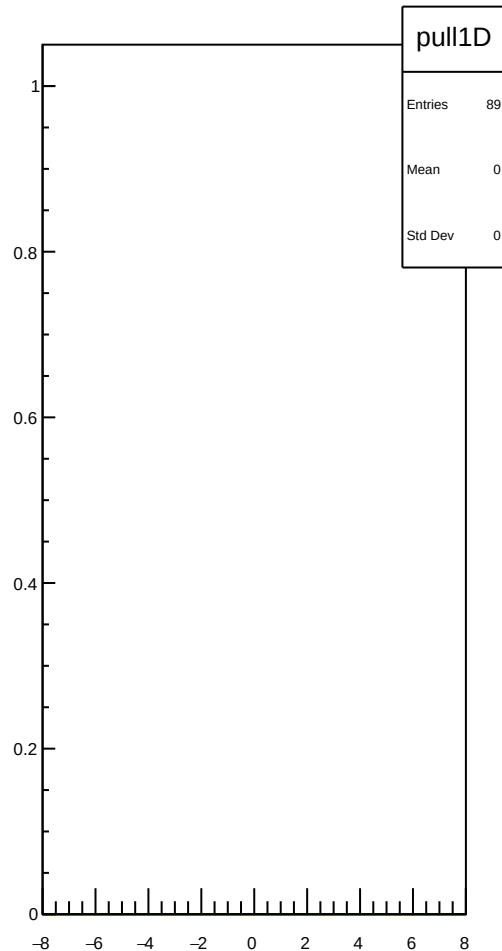
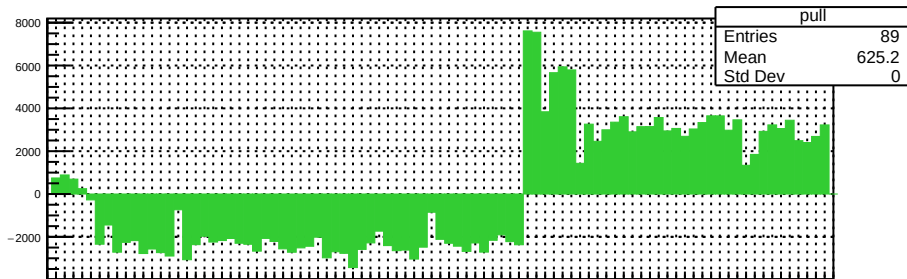
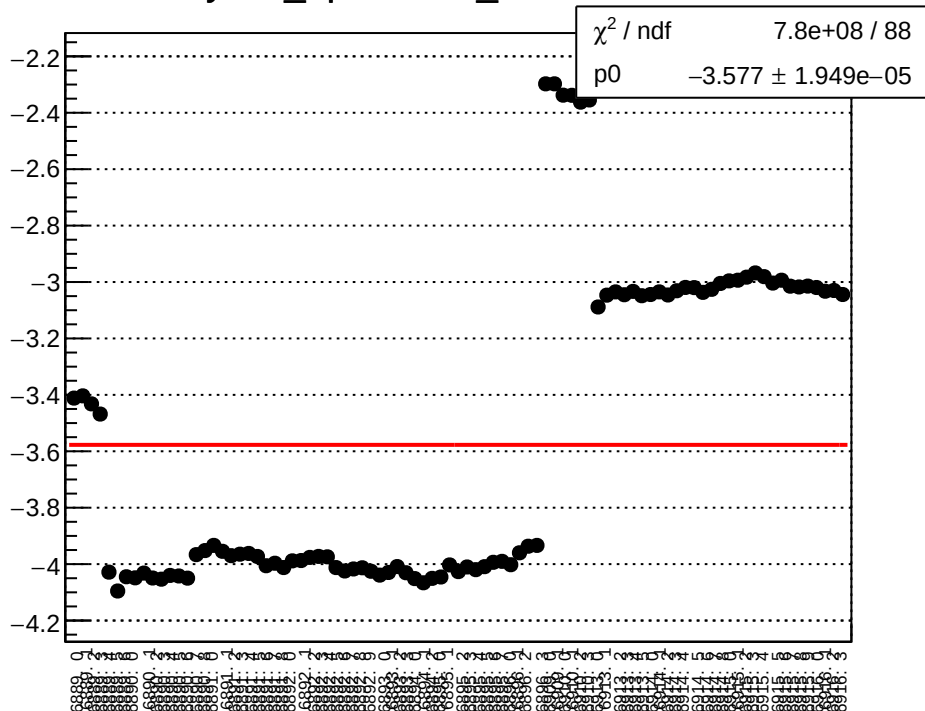
yield_bpm0l01Y_mean vs run



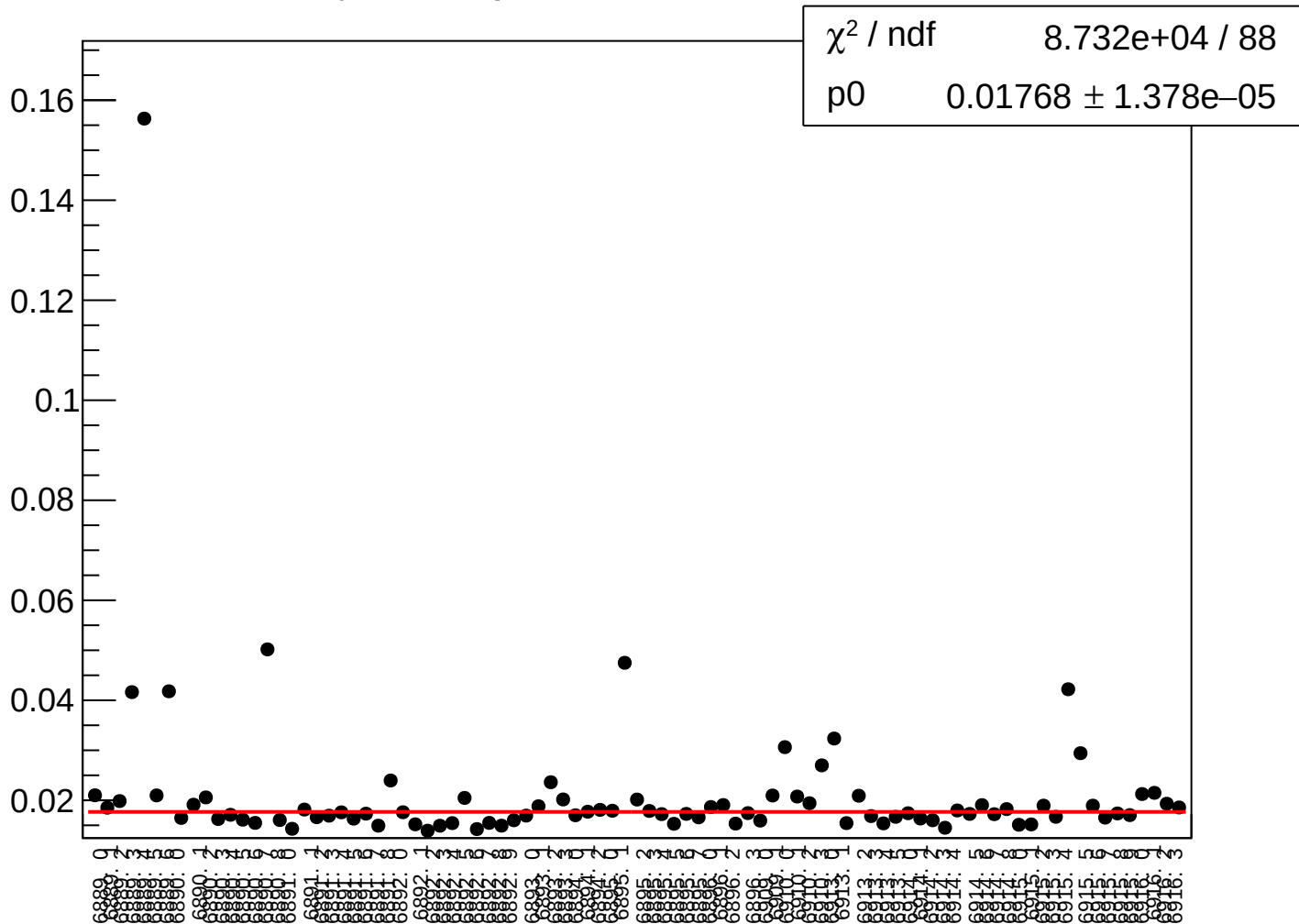
yield_bpm0l01Y_rms vs run



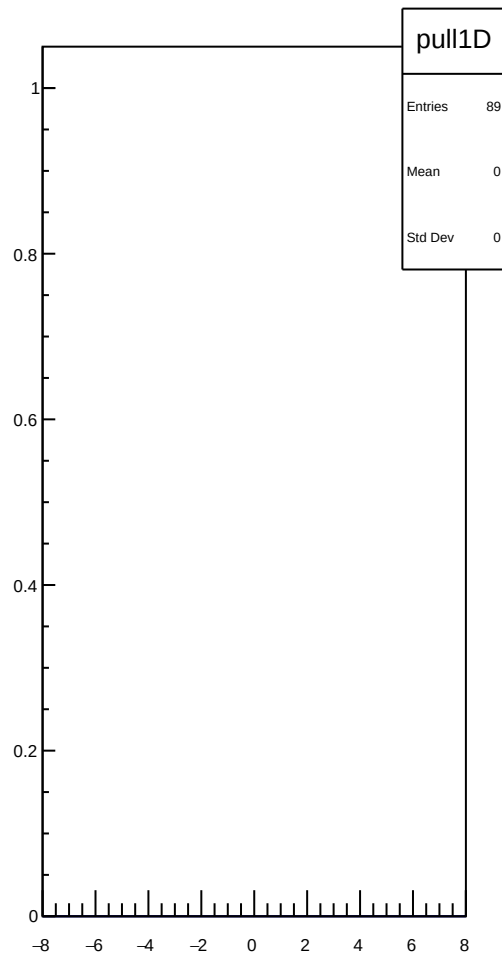
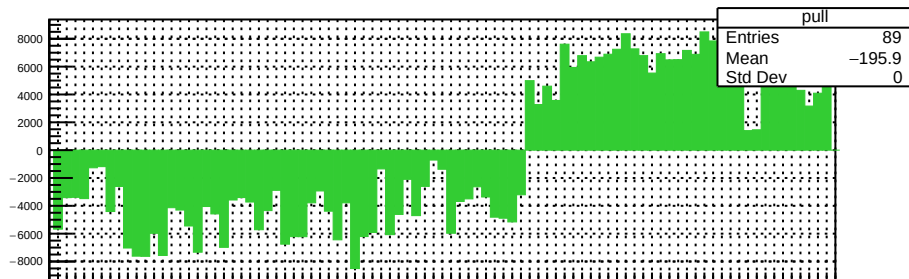
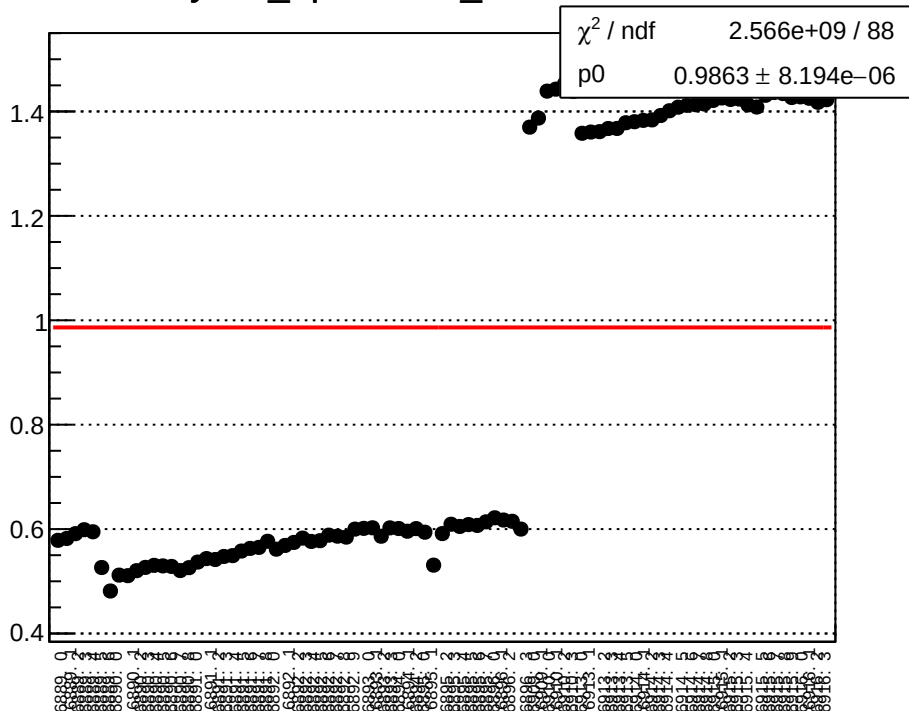
yield_bpm0l02X_mean vs run



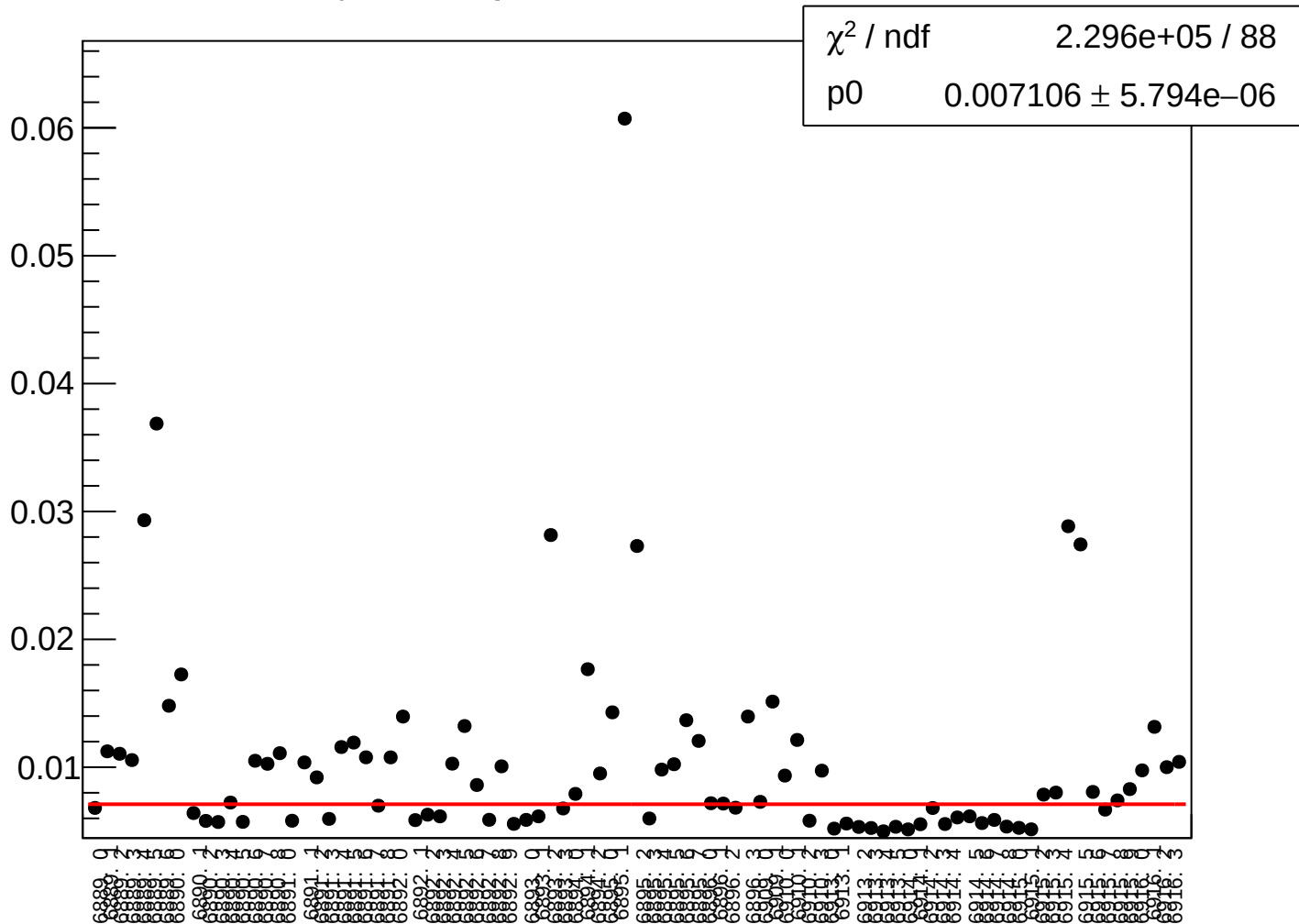
yield_bpm0l02X_rms vs run



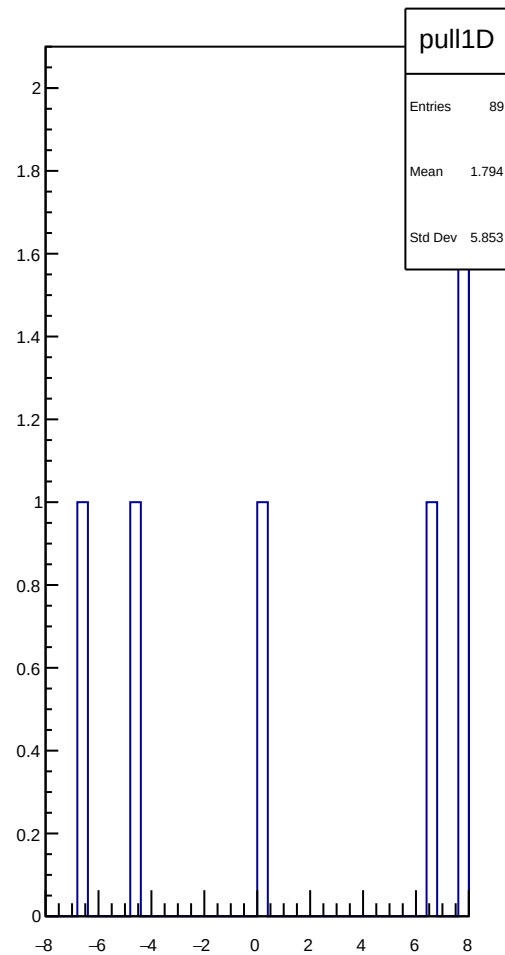
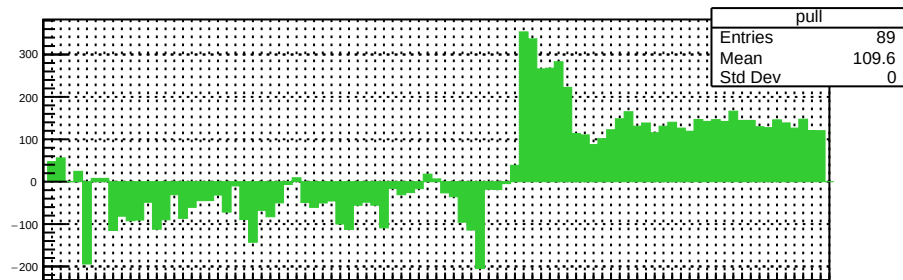
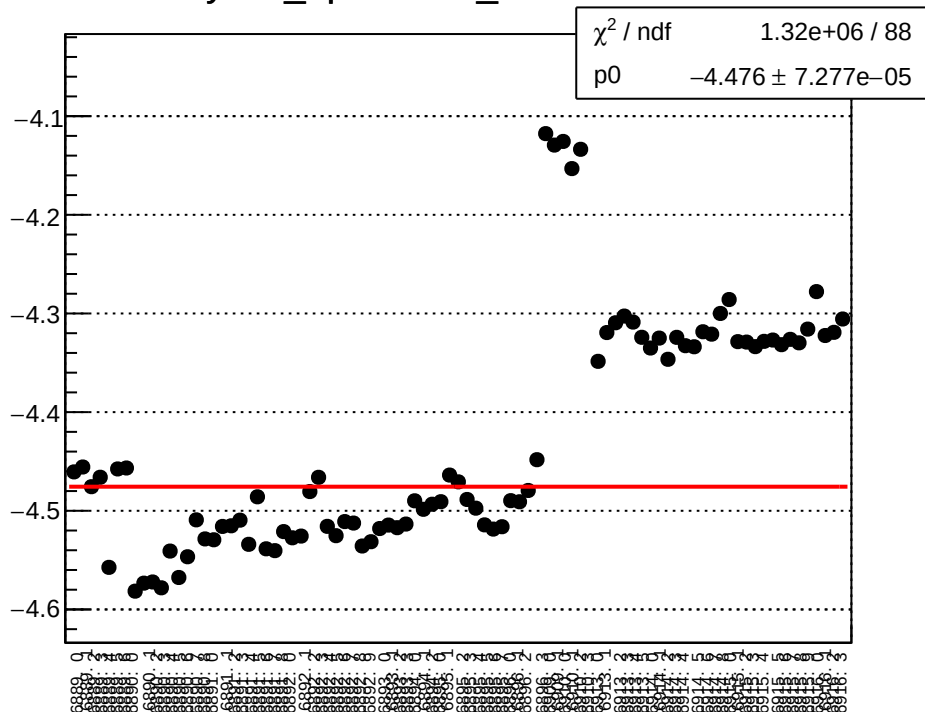
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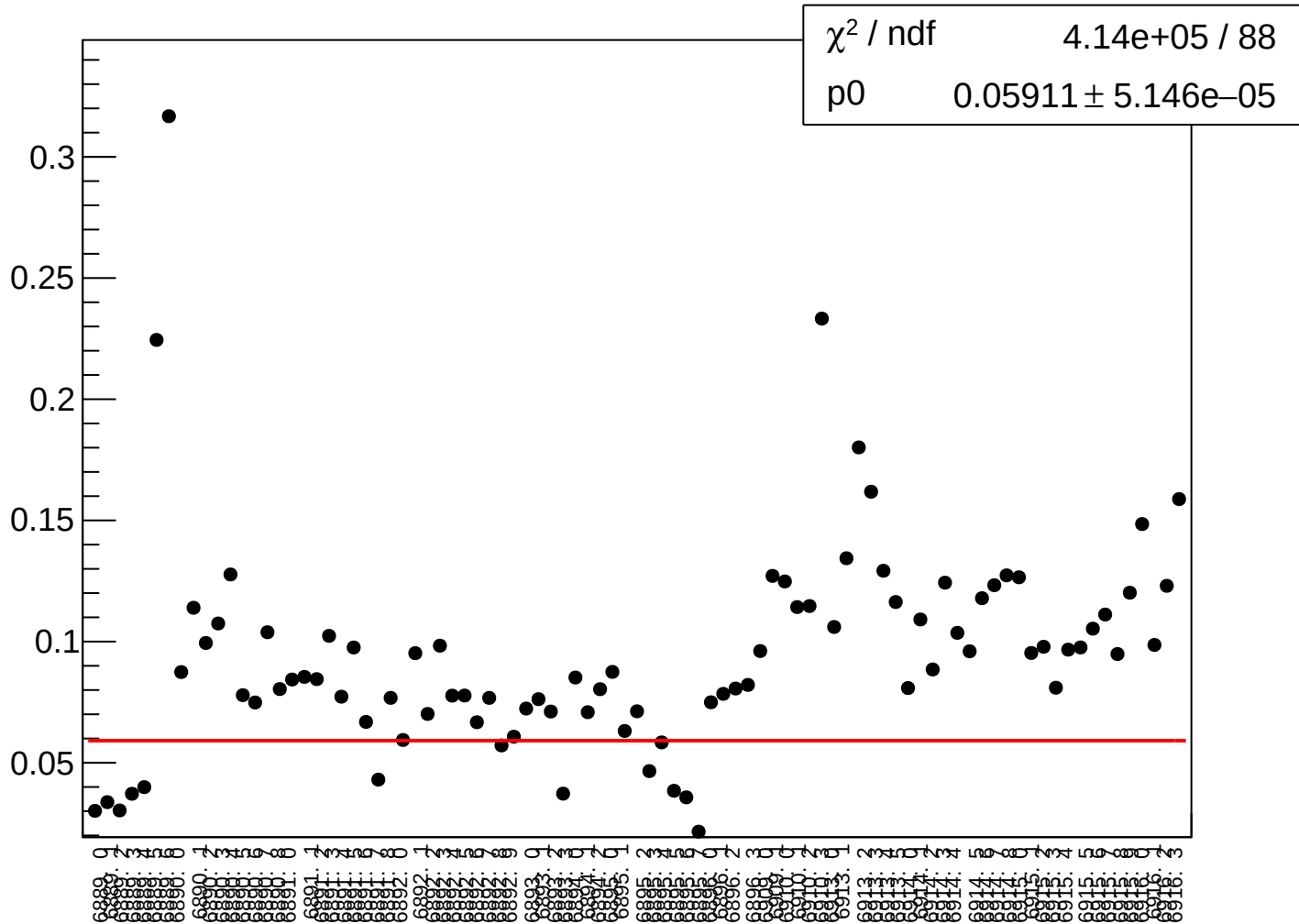
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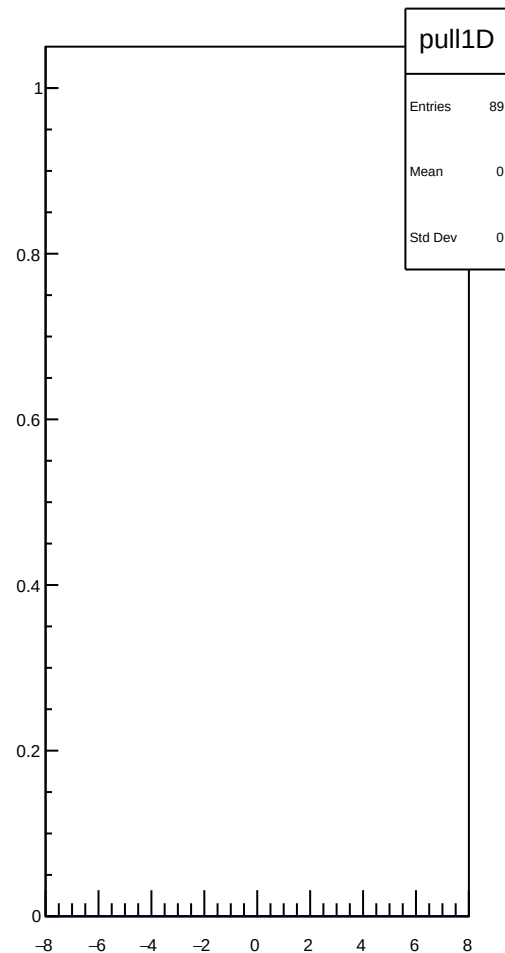
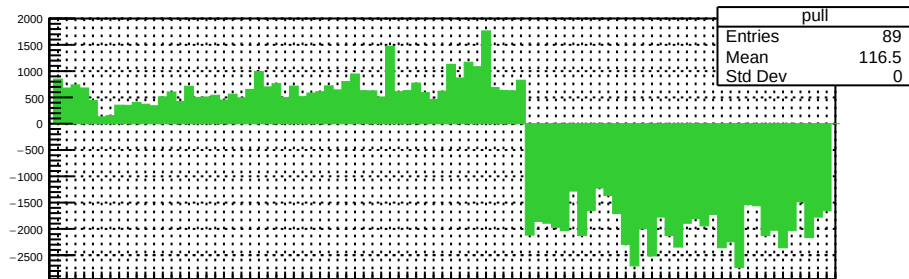
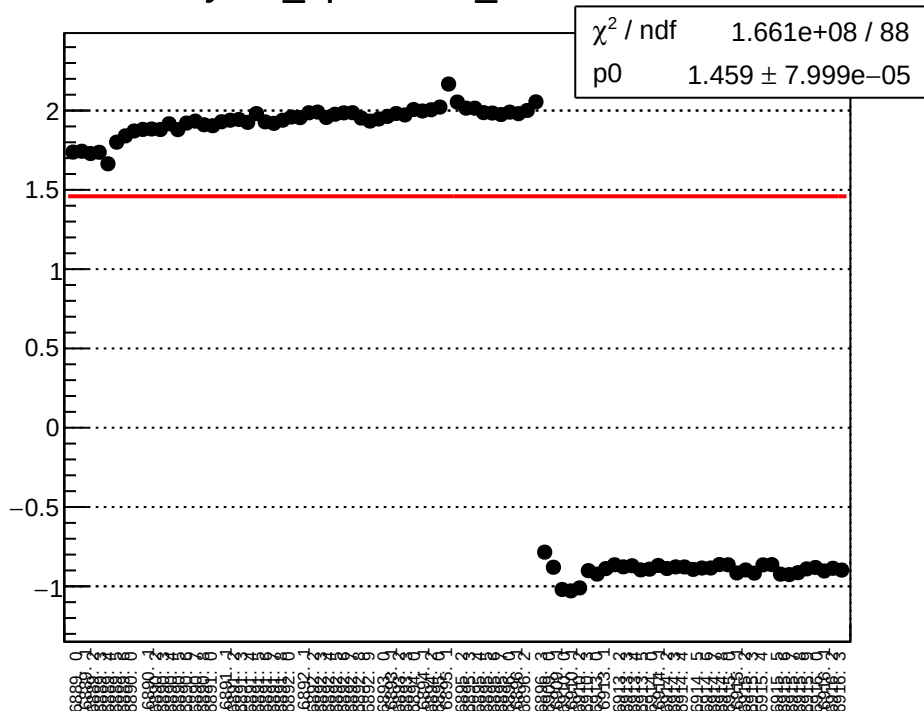
yield_bpm0l03X_mean vs run



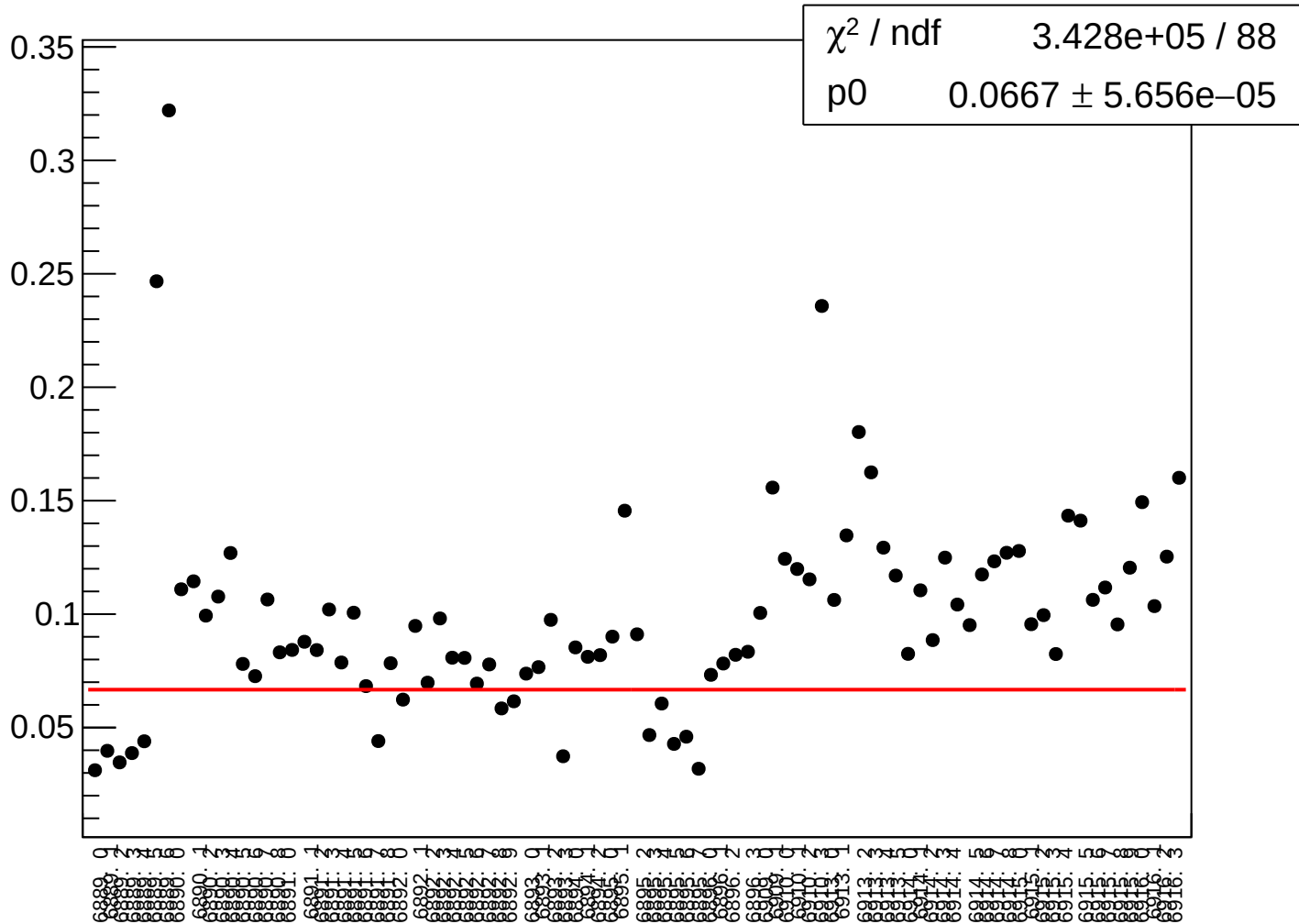
yield_bpm0l03X_rms vs run



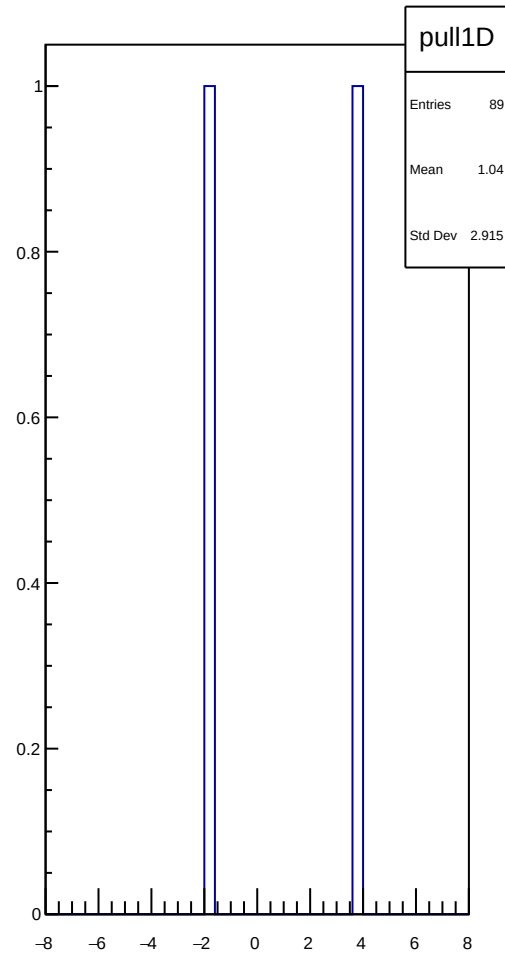
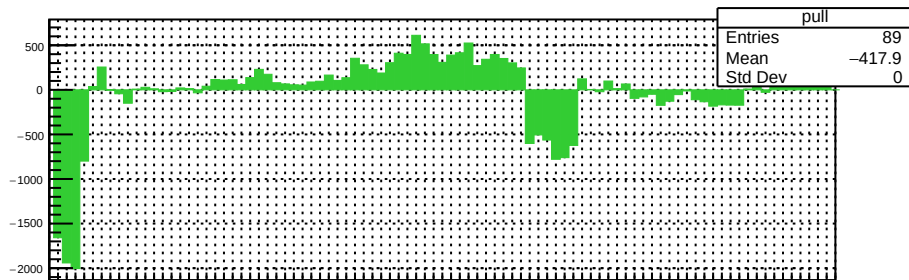
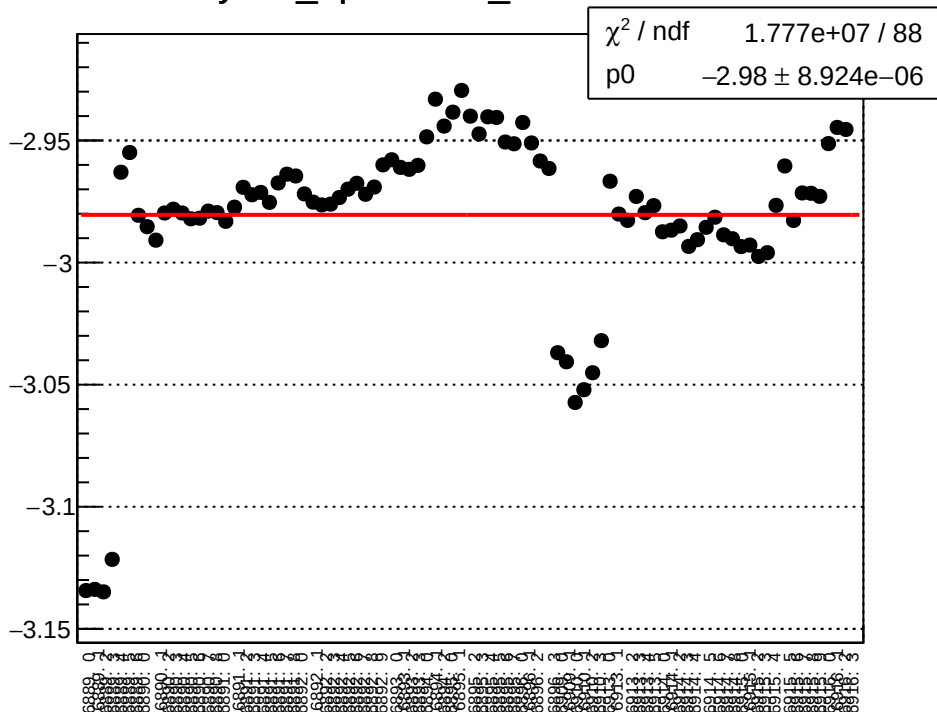
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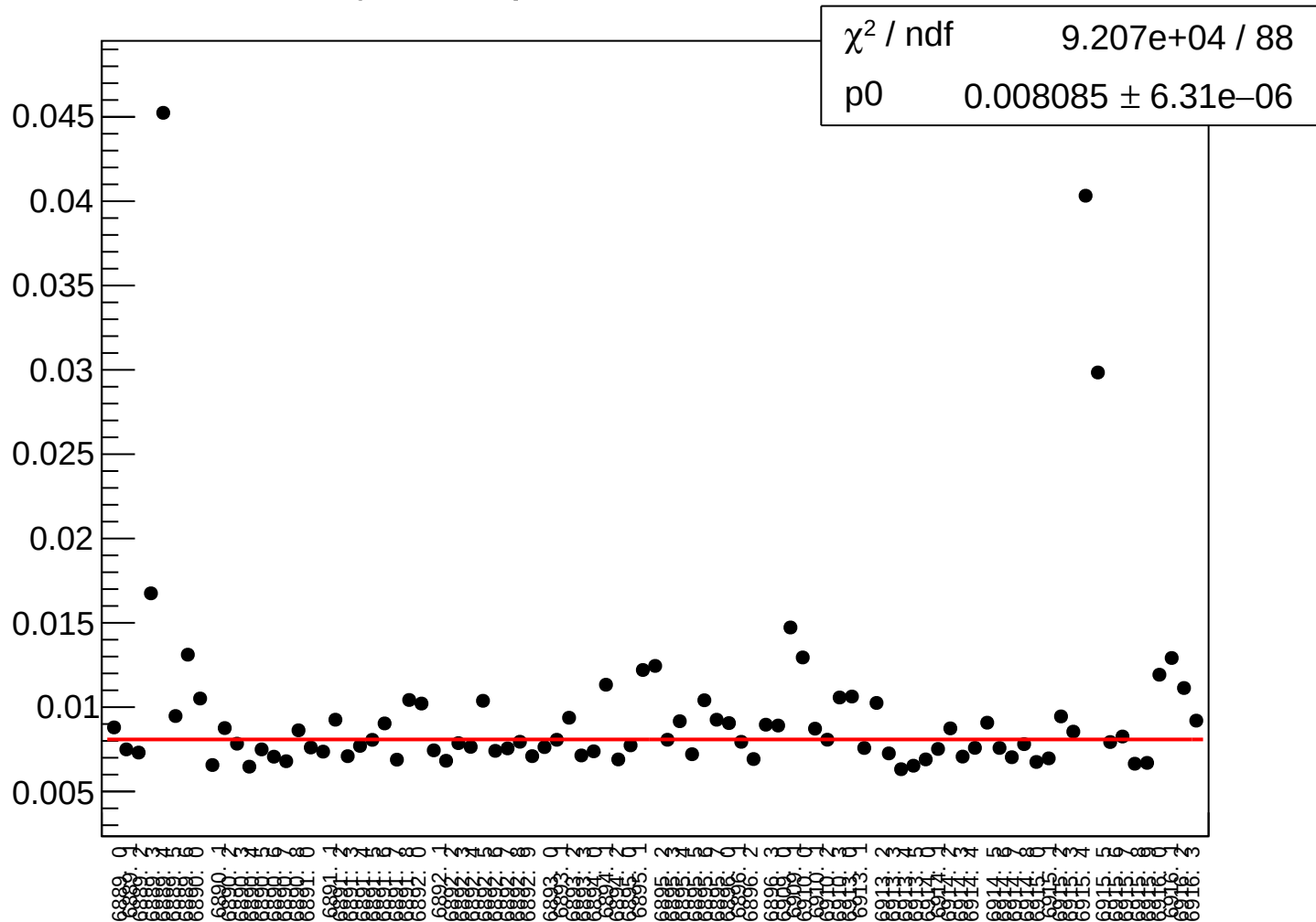
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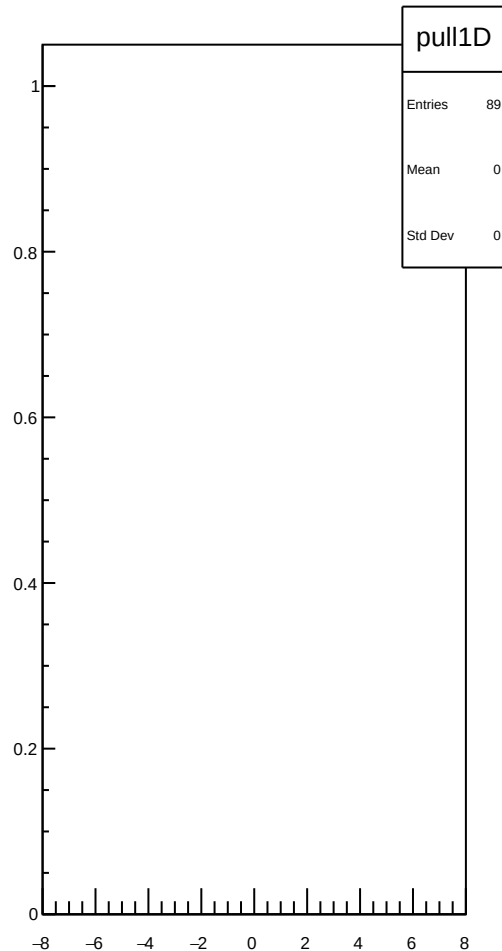
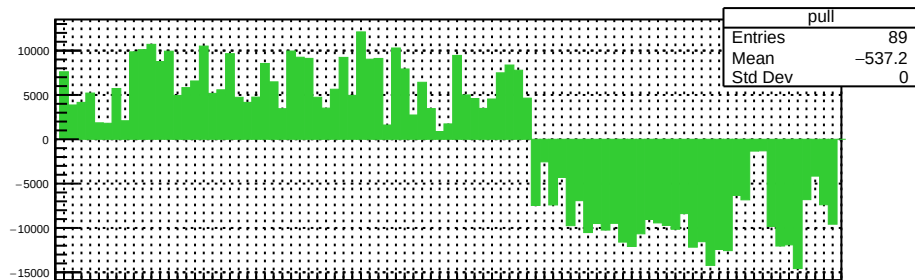
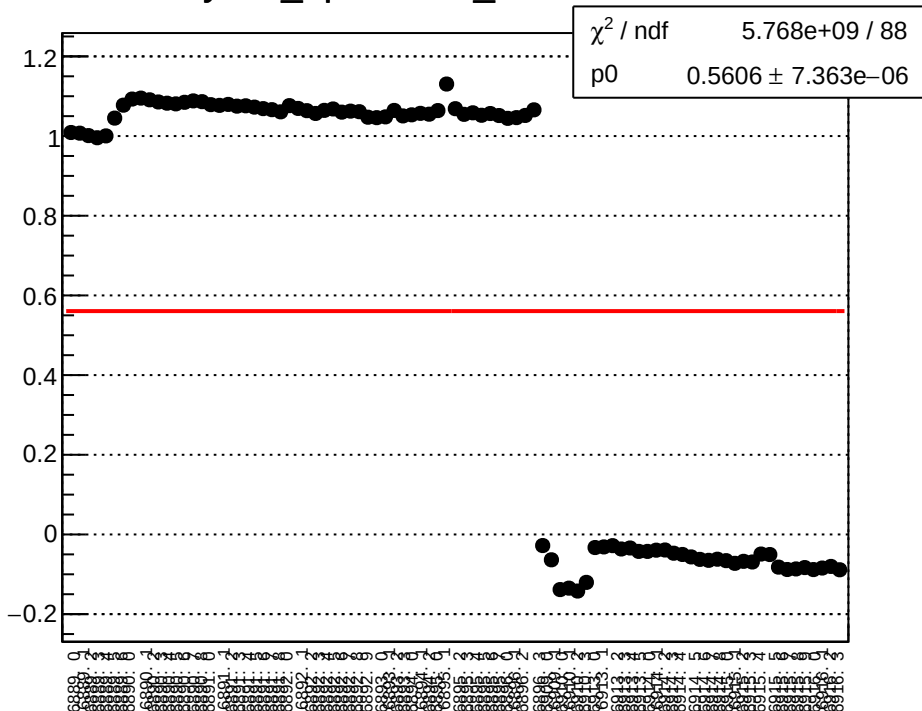
yield_bpm0l04X_mean vs run



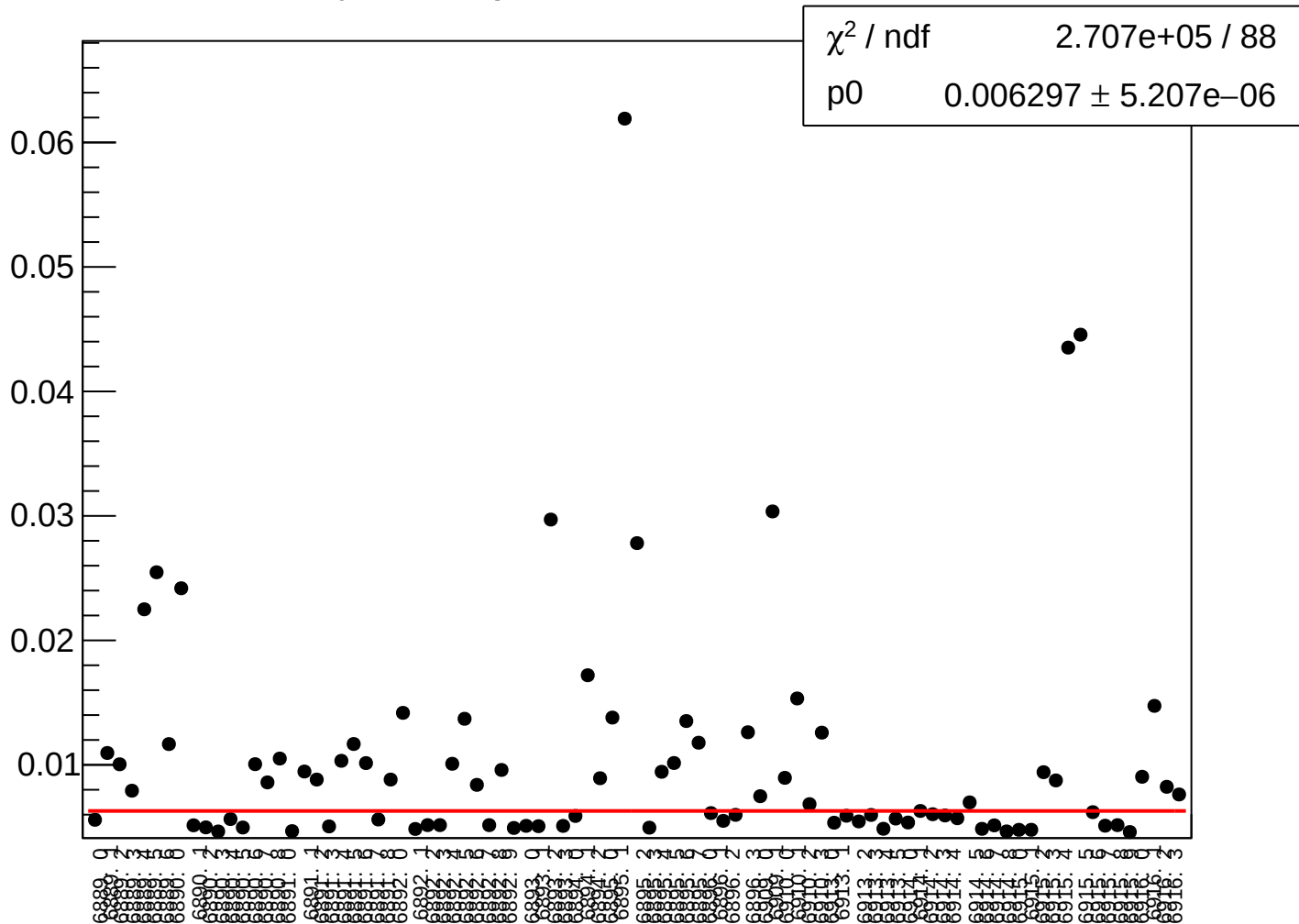
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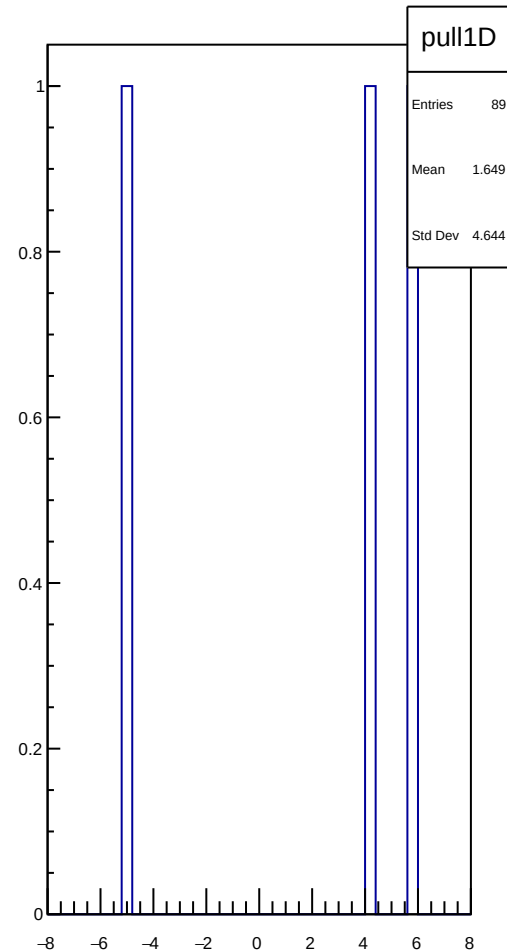
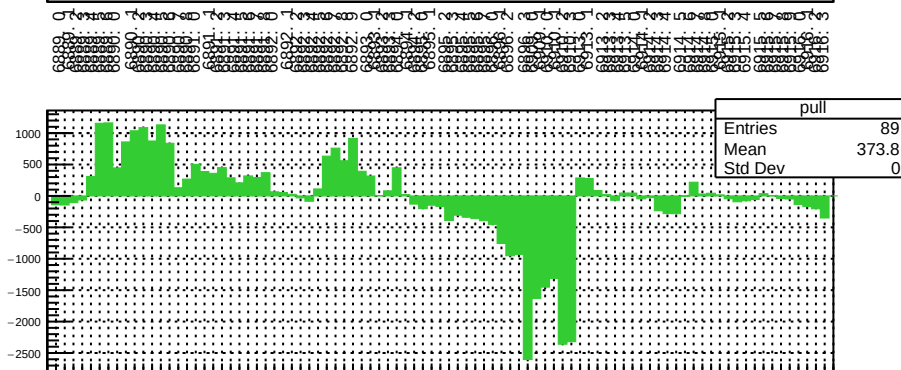
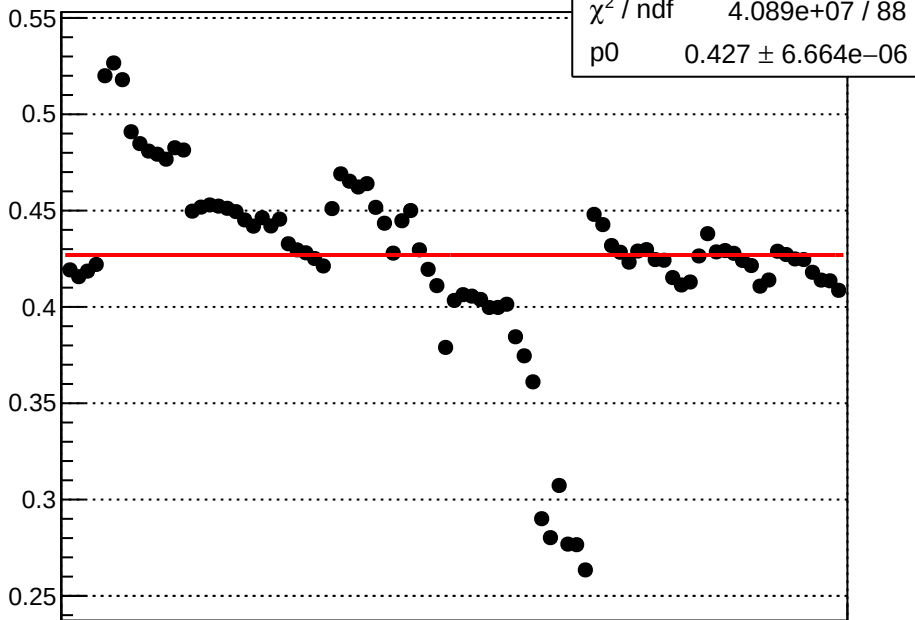
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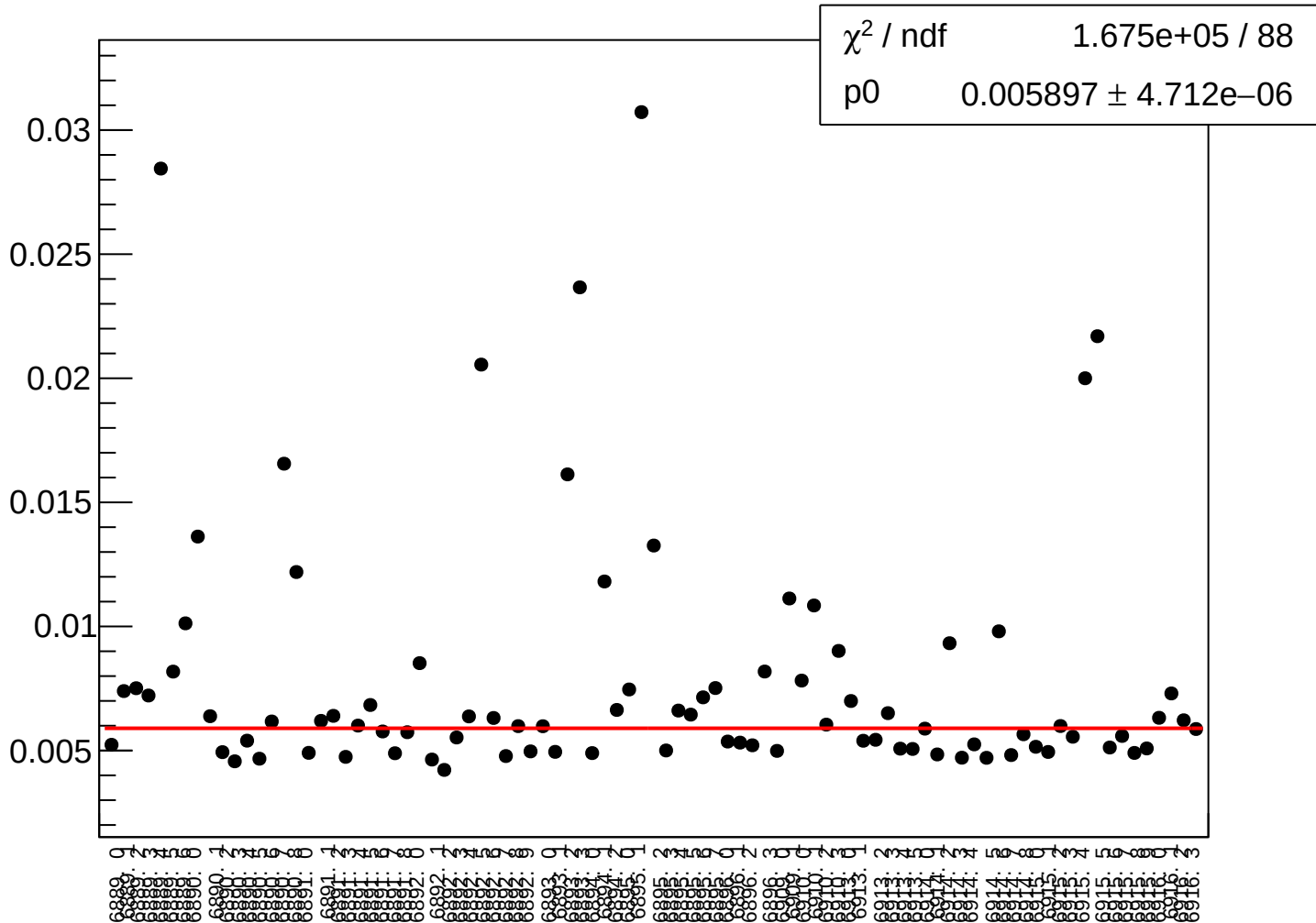
yield_bpm0l04Y_rms vs run



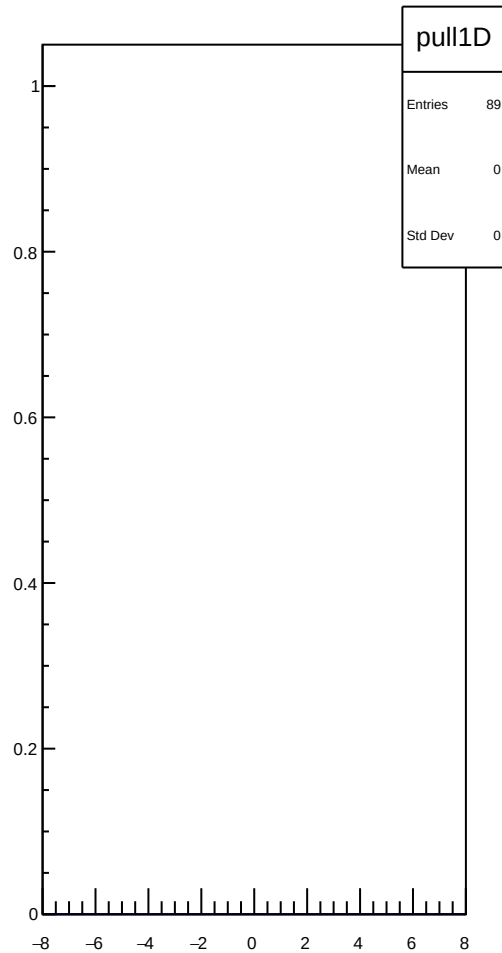
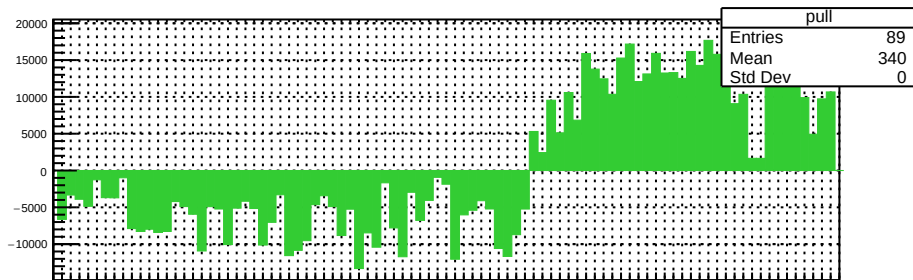
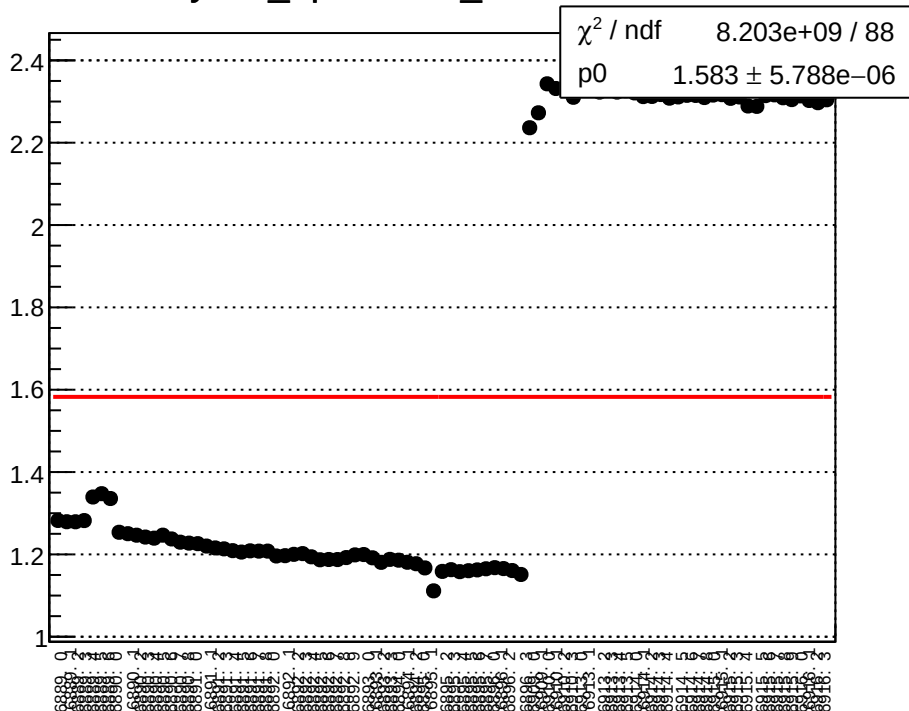
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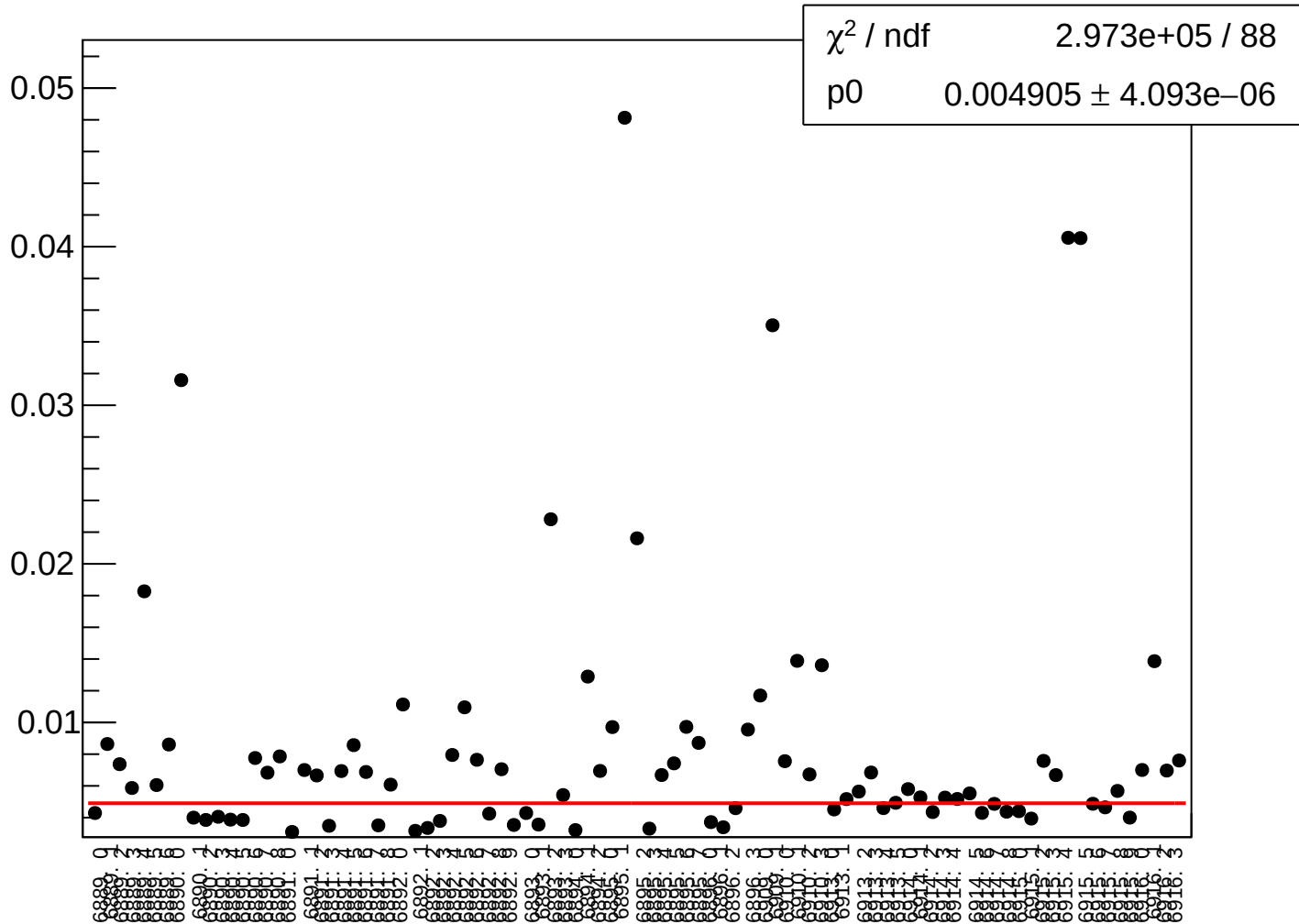
yield_bpm0l05X_rms vs run



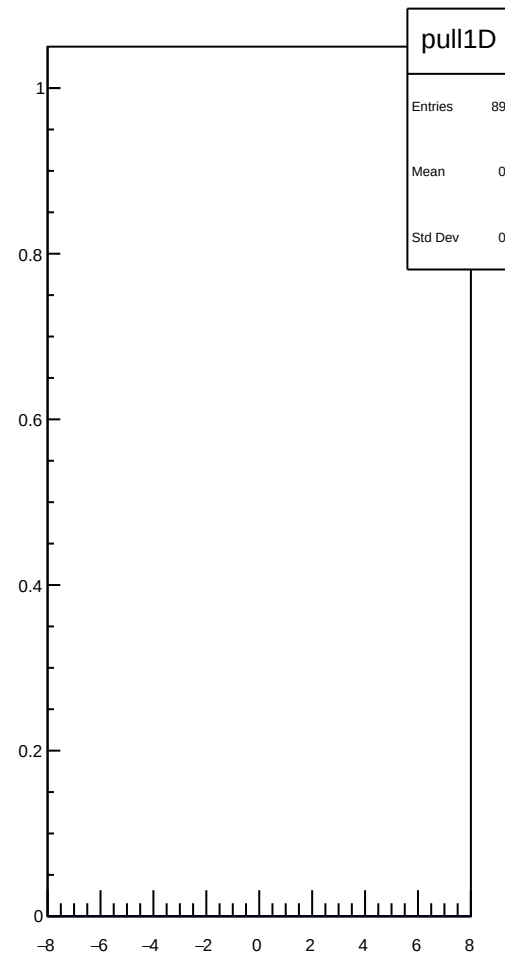
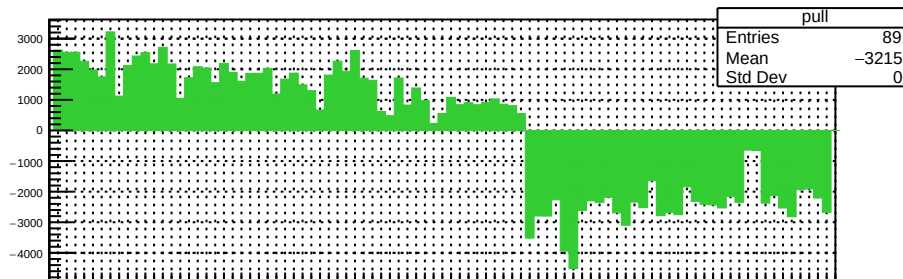
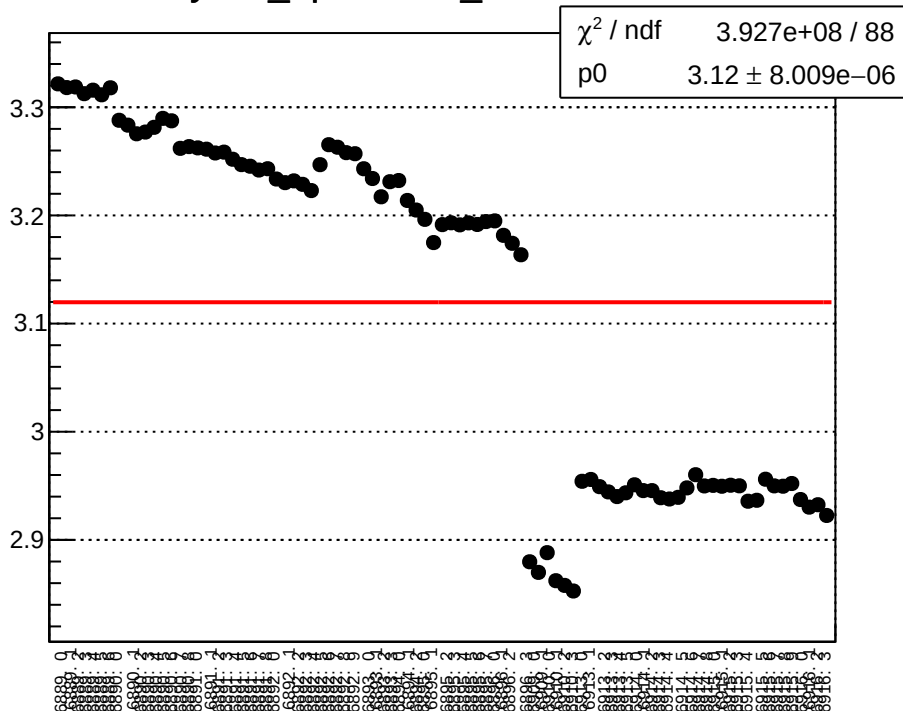
yield_bpm0l05Y_mean vs run



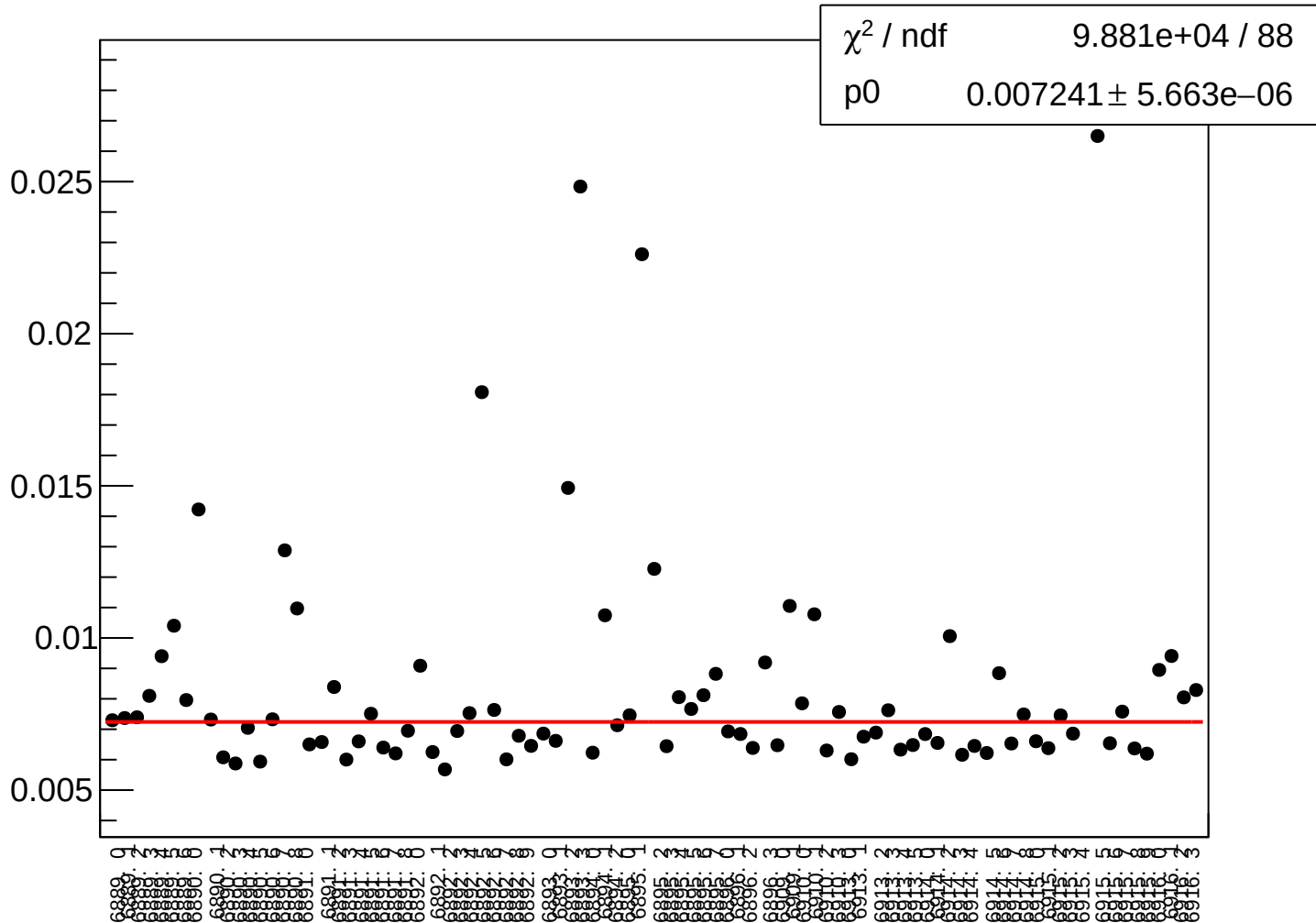
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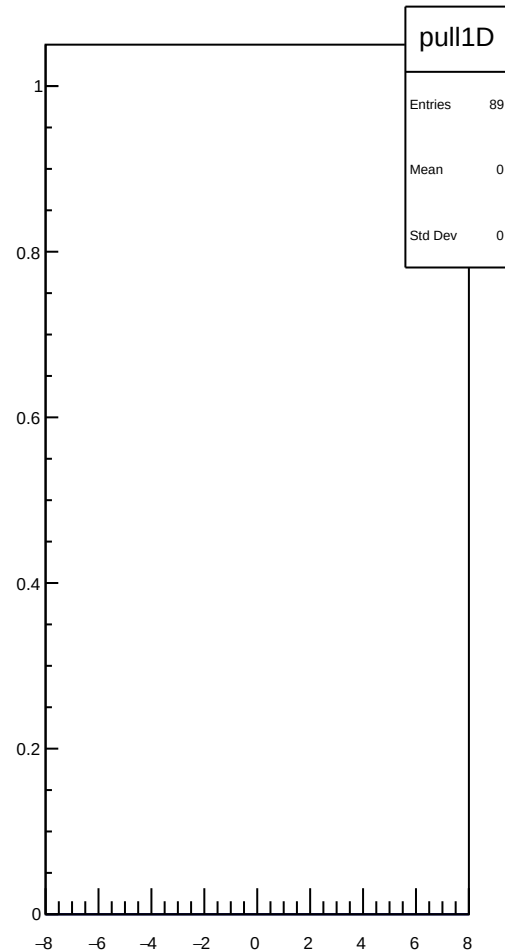
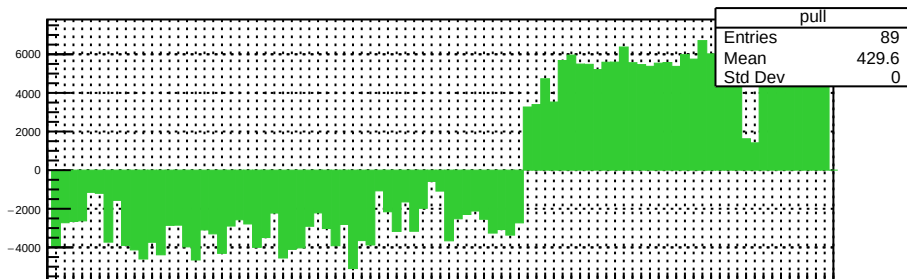
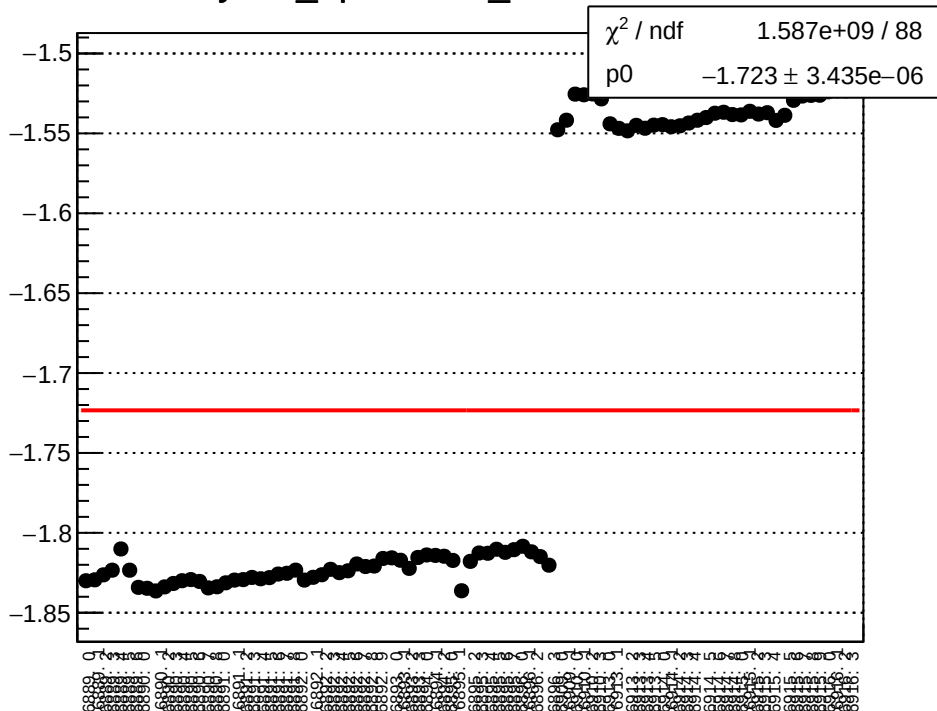
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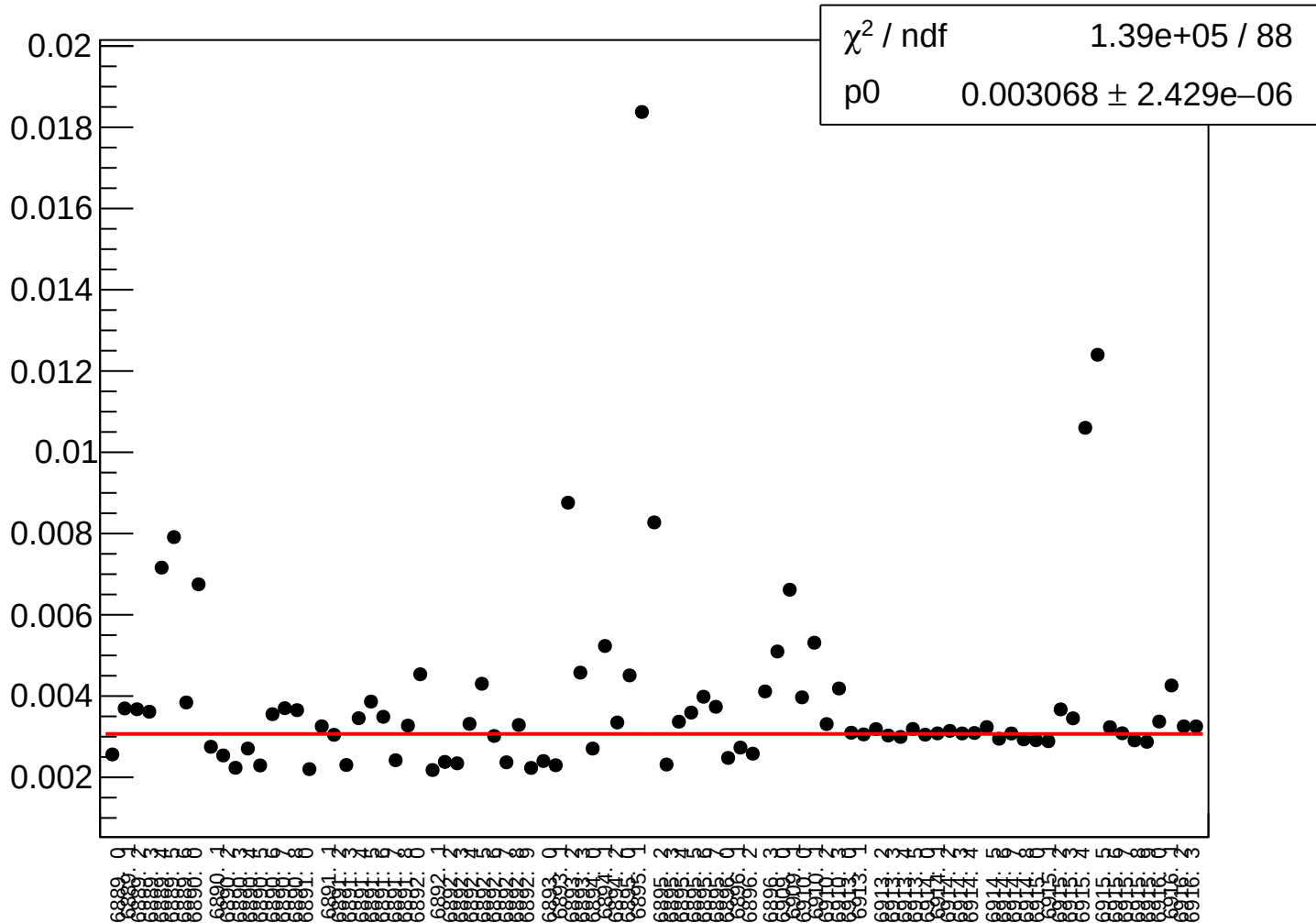
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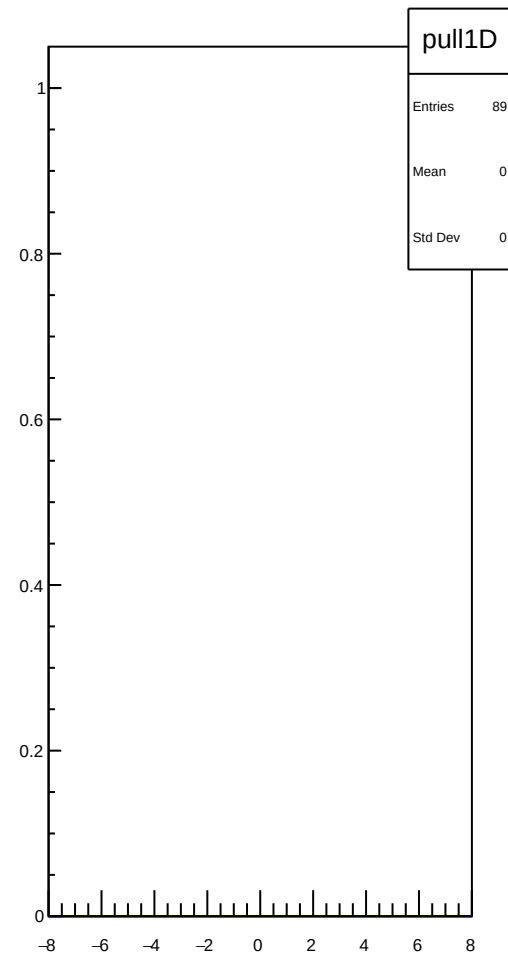
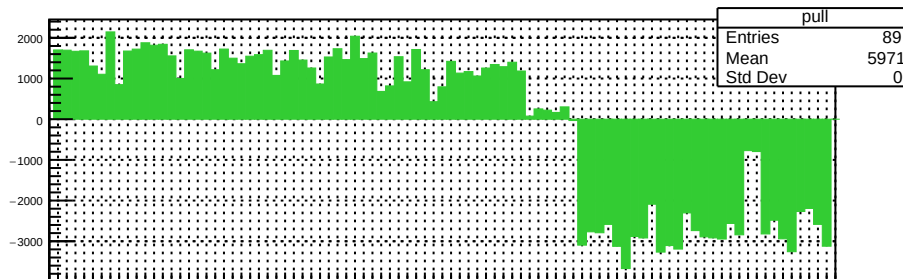
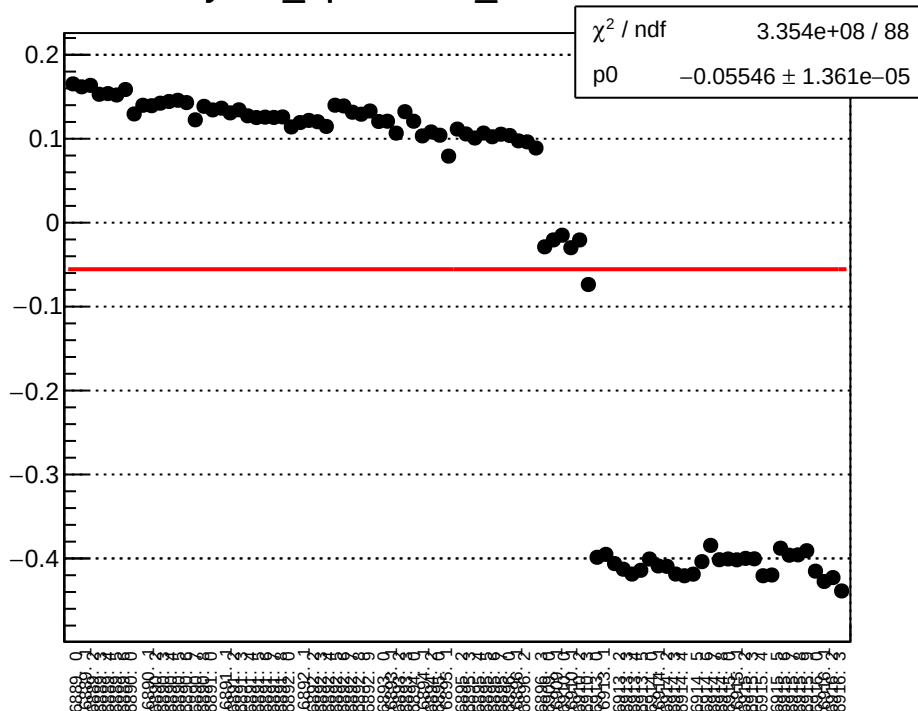
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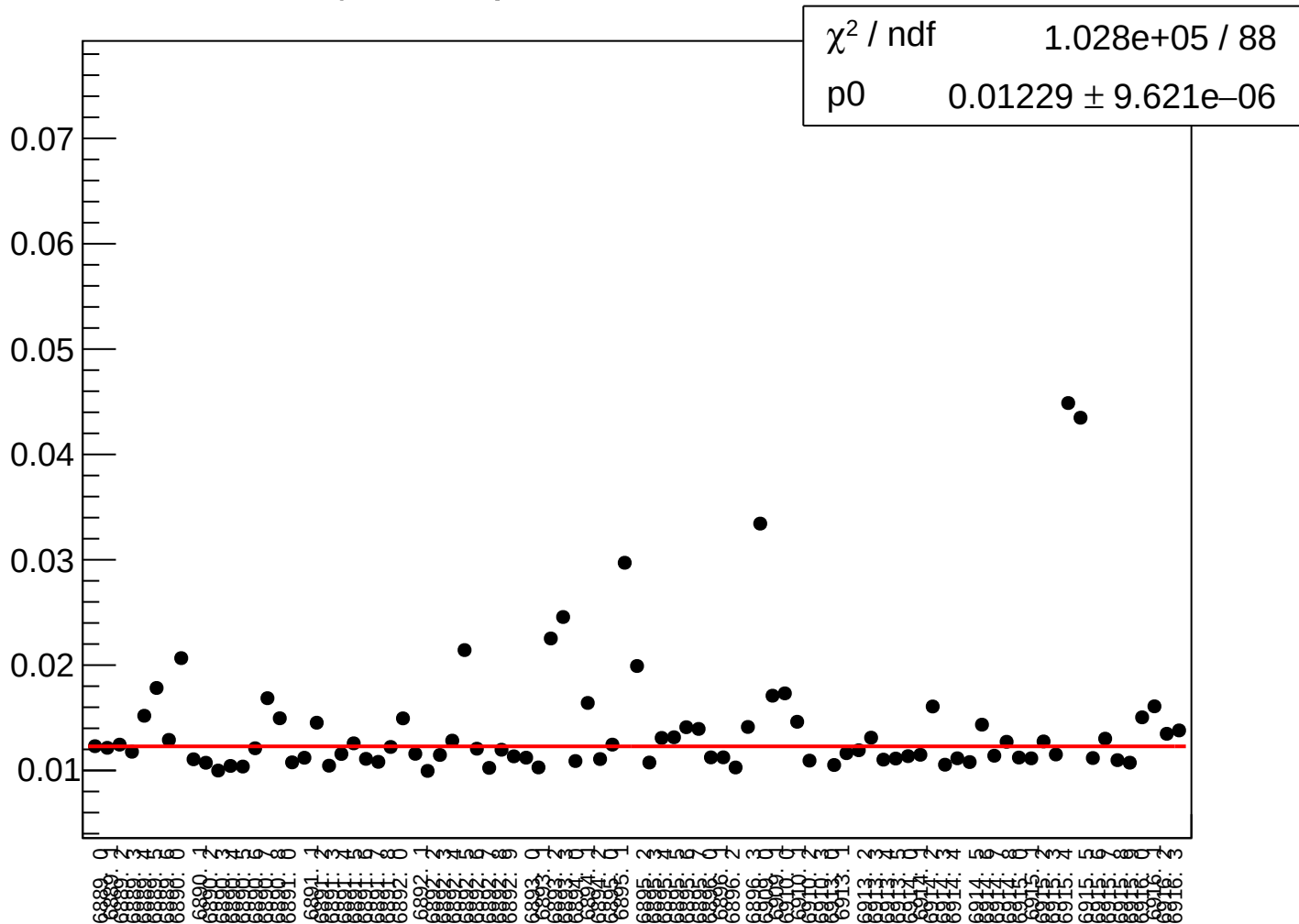
yield_bpm0l06Y_rms vs run



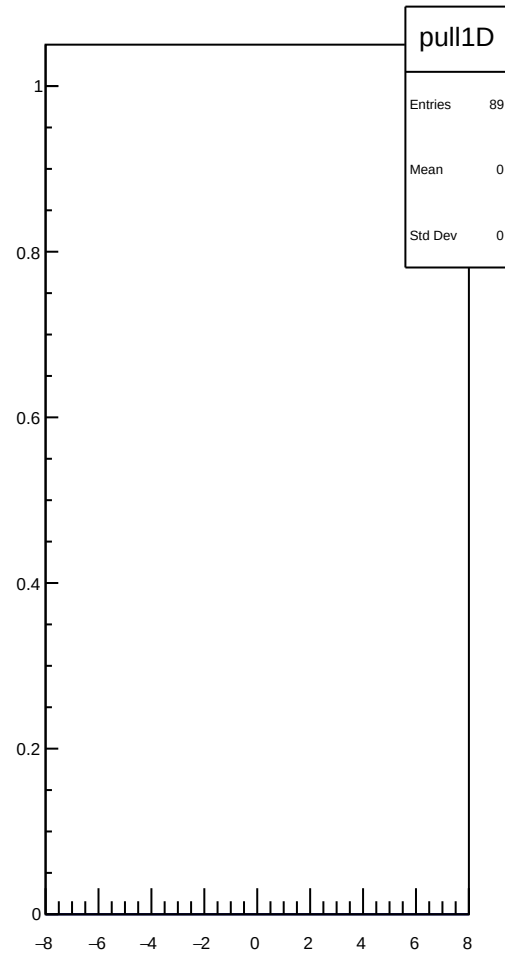
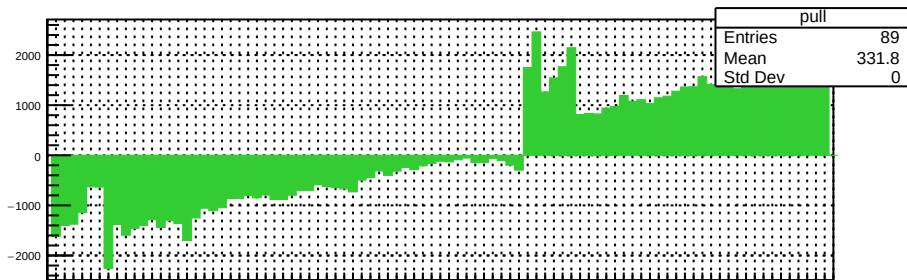
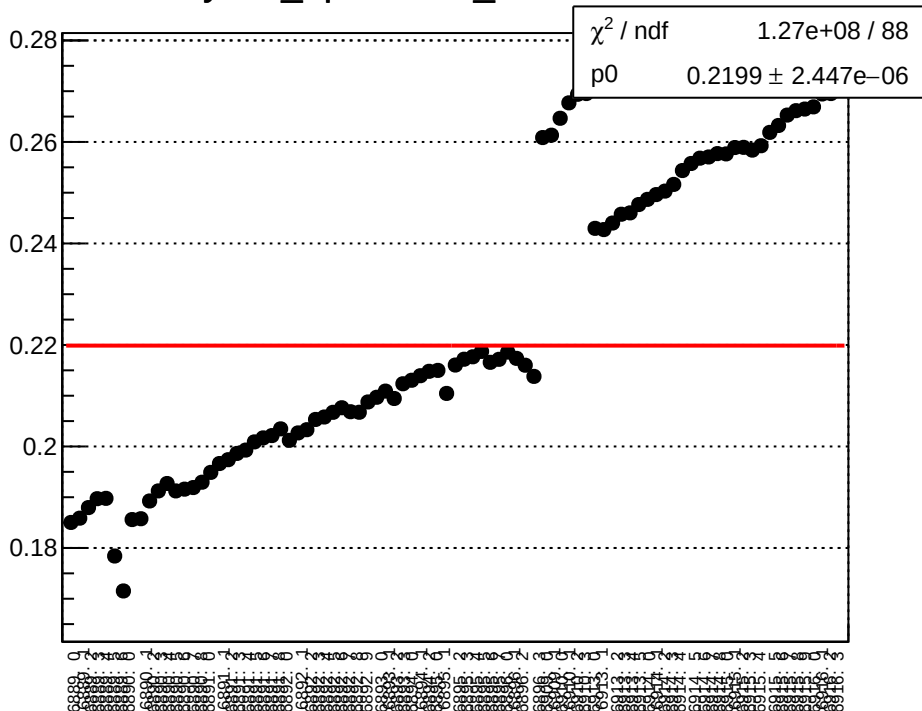
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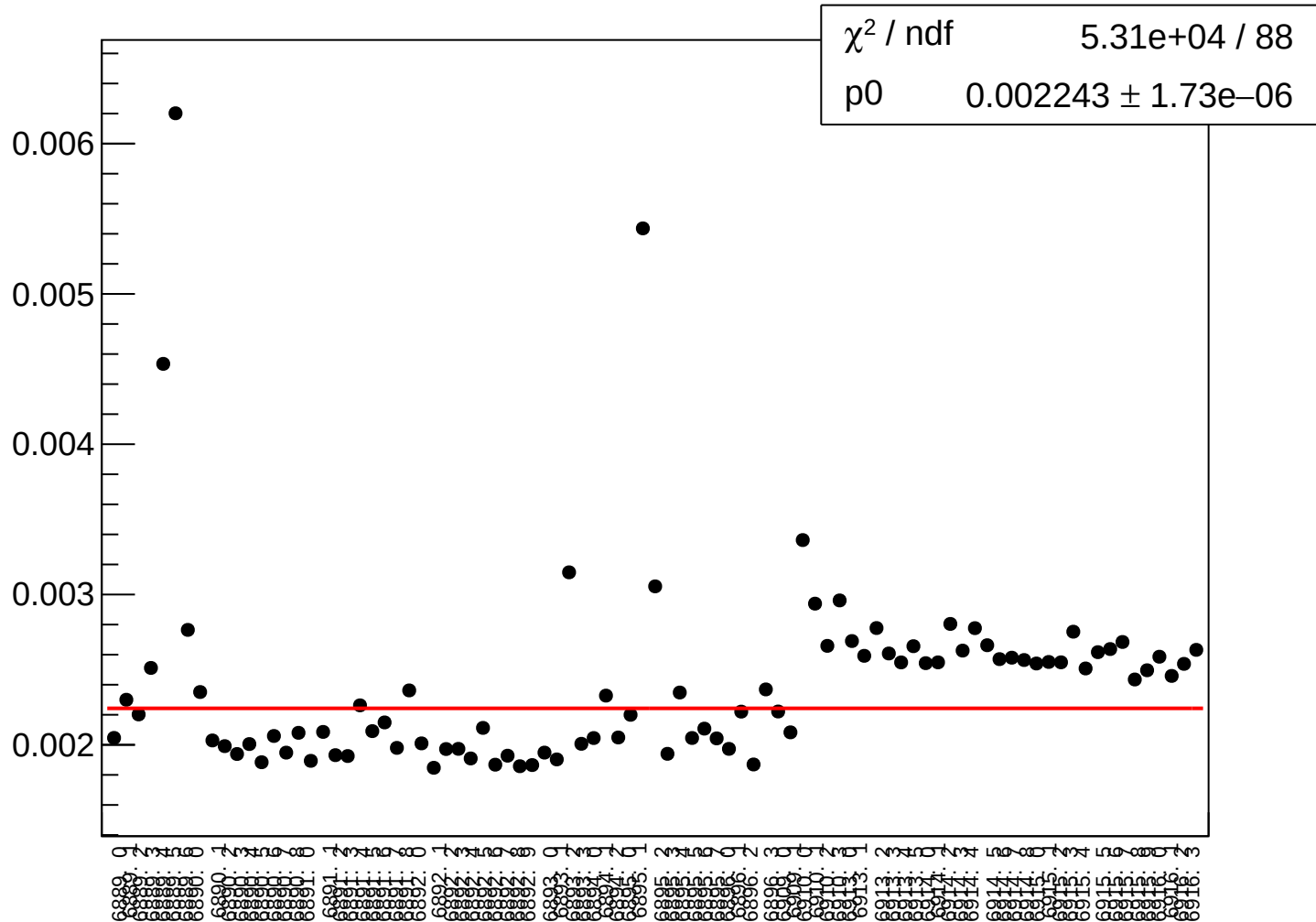
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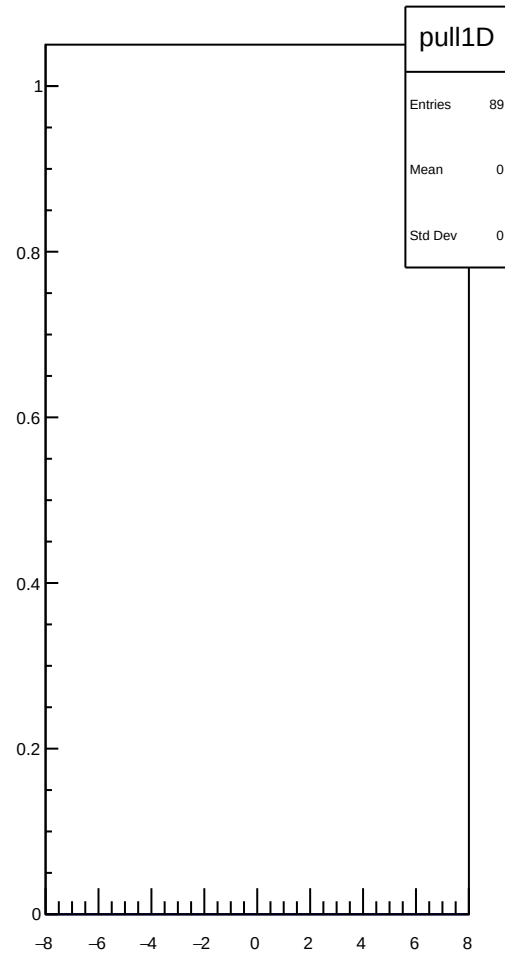
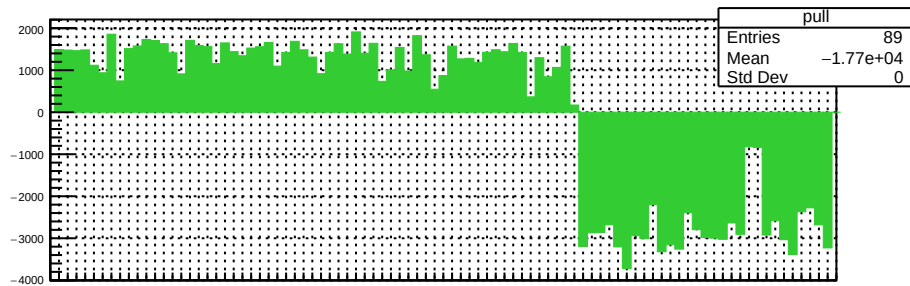
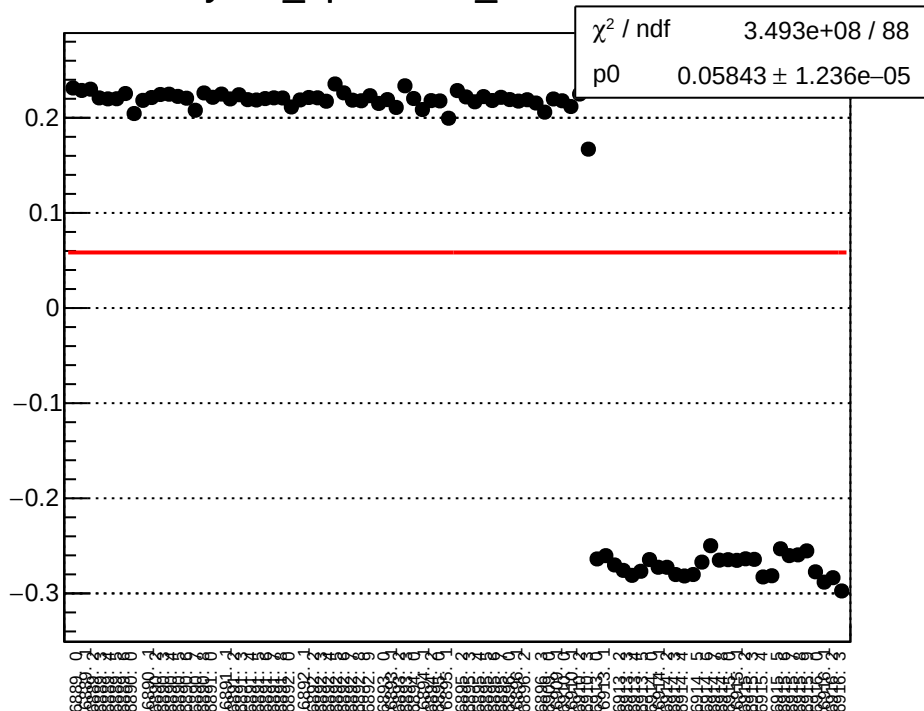
yield_bpm0l07Y_mean vs run



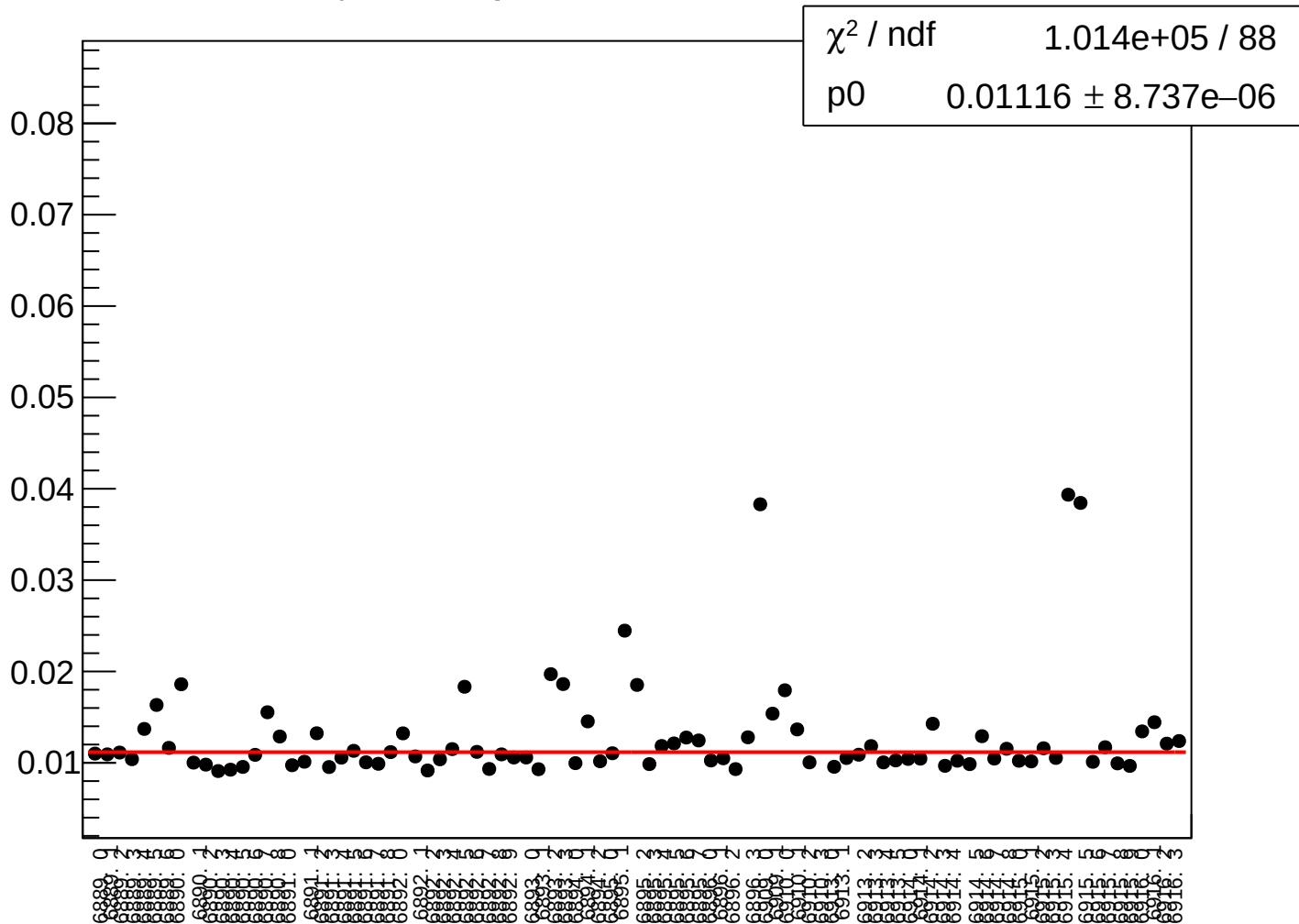
yield_bpm0l07Y_rms vs run



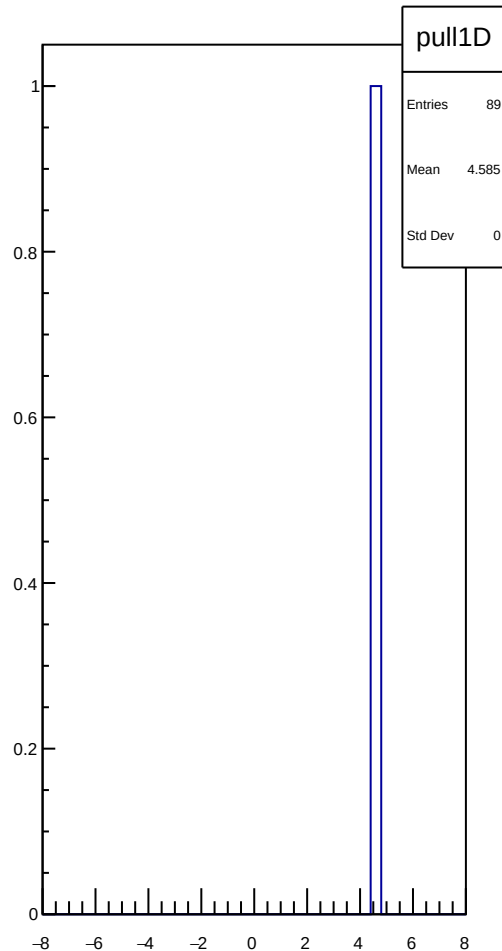
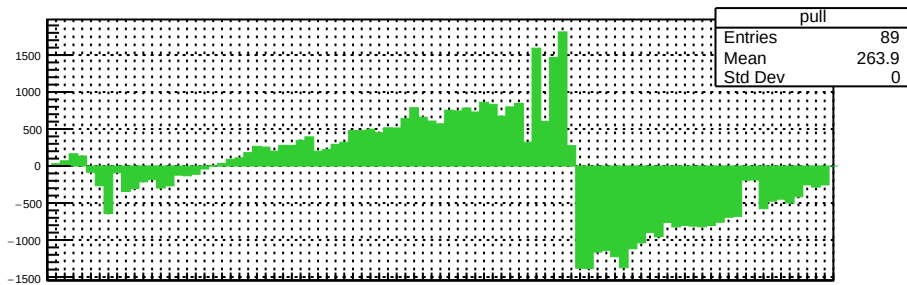
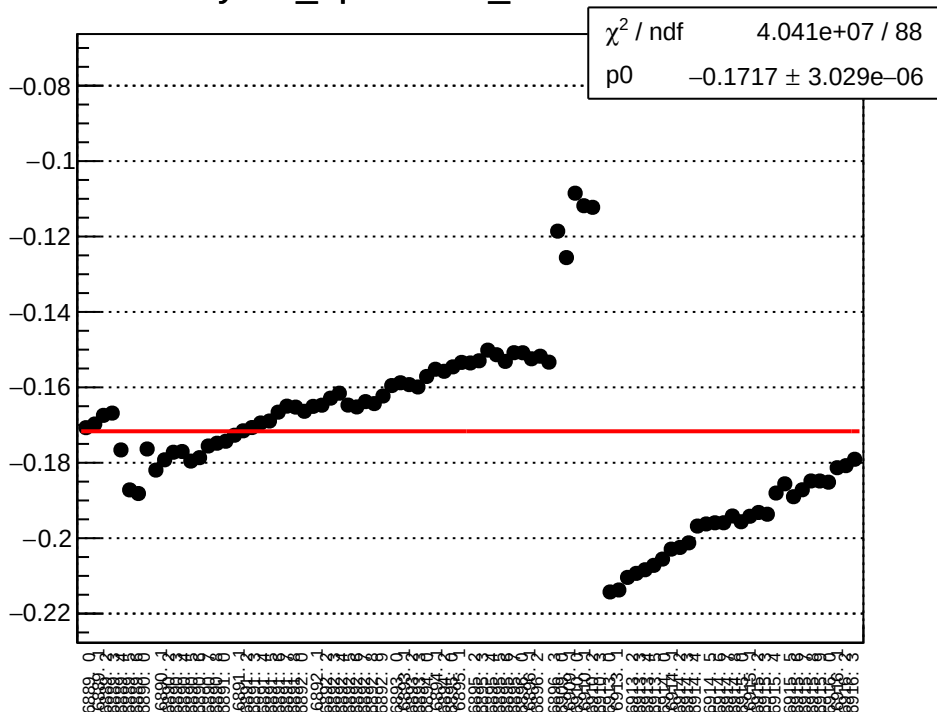
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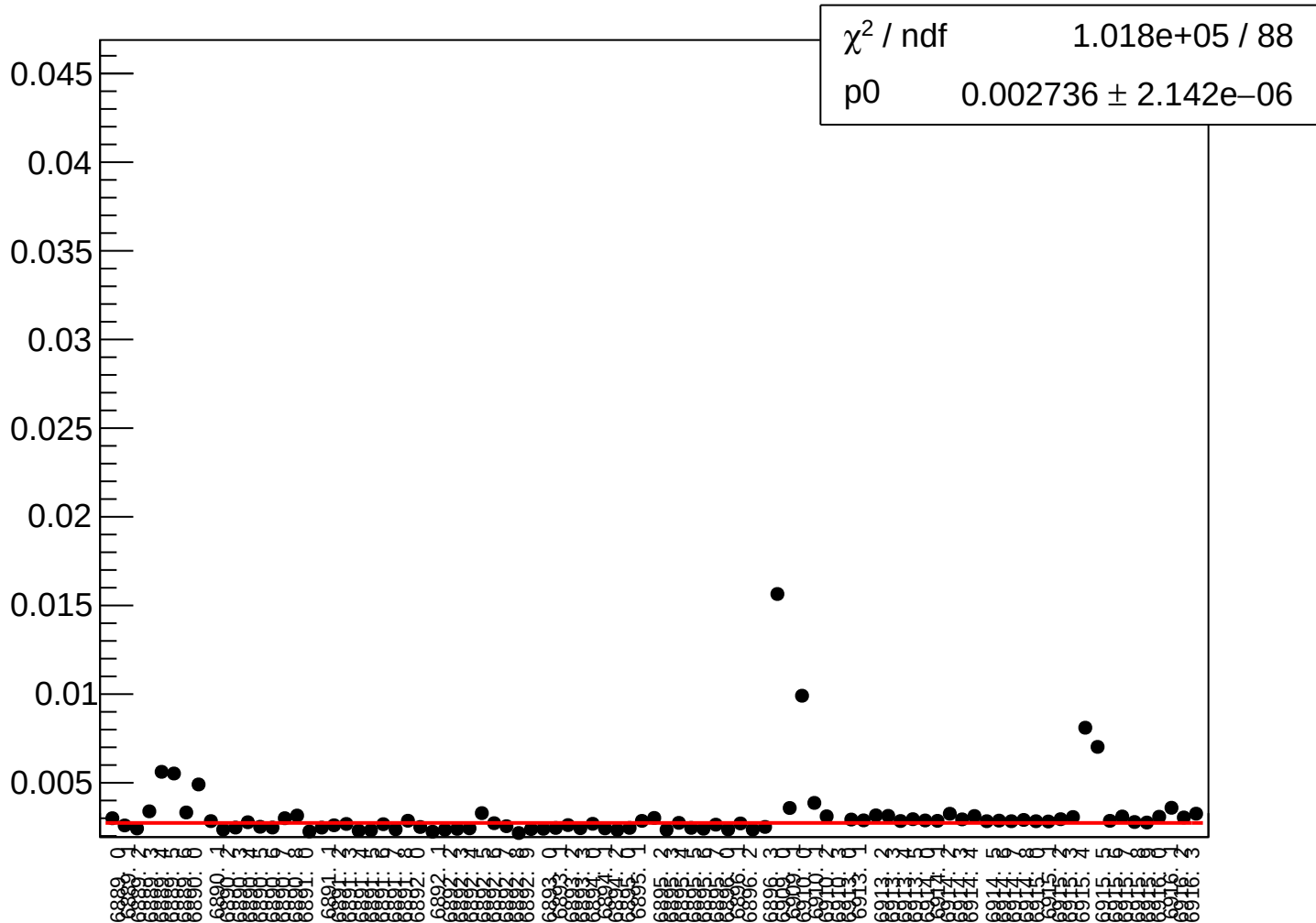
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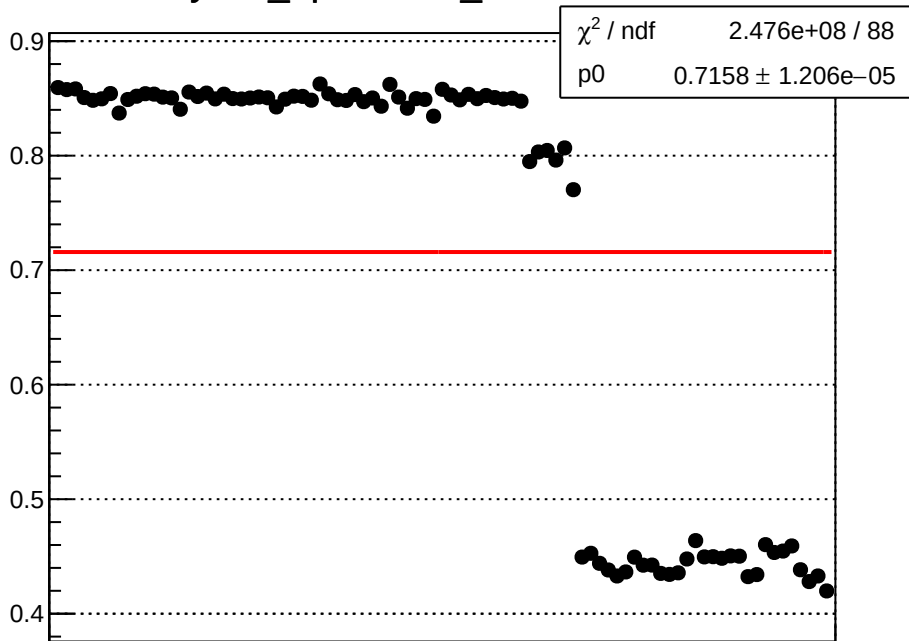
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yield_bpm0l08Y_rms vs run

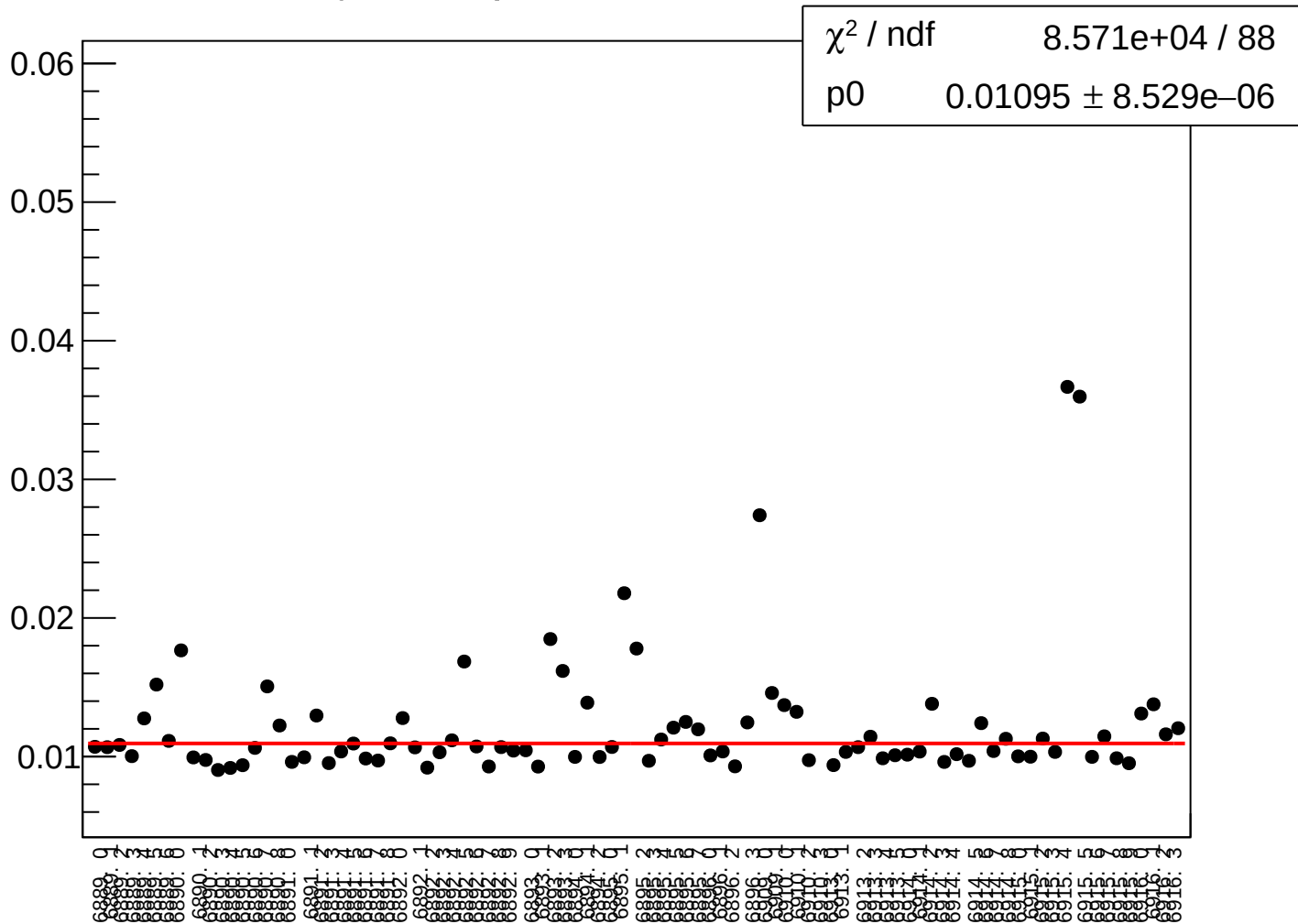


yield_bpm0l09X_mean vs run

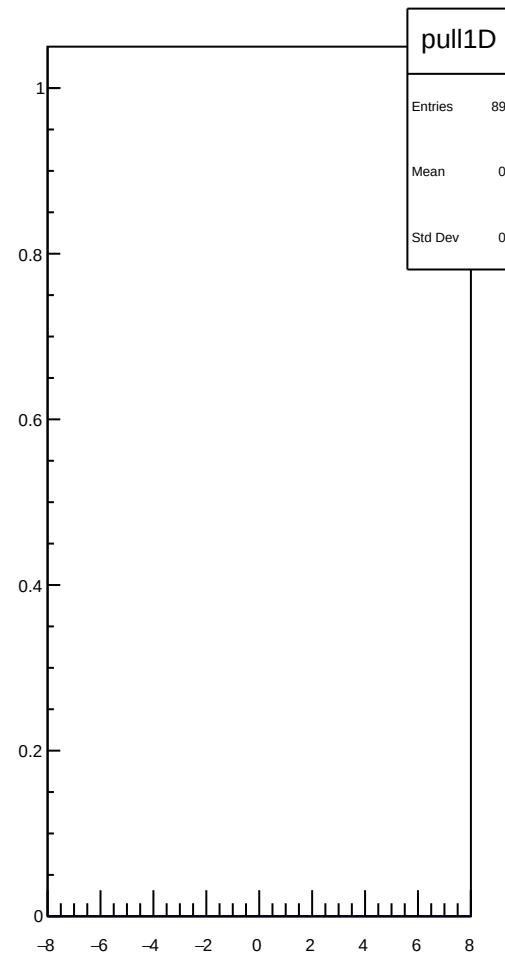
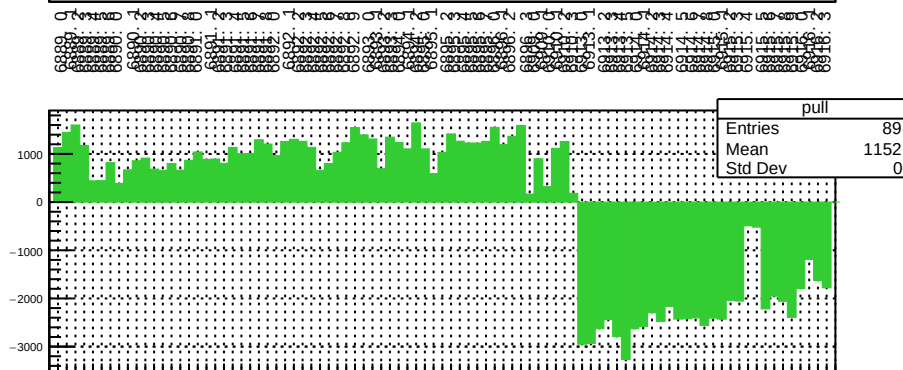
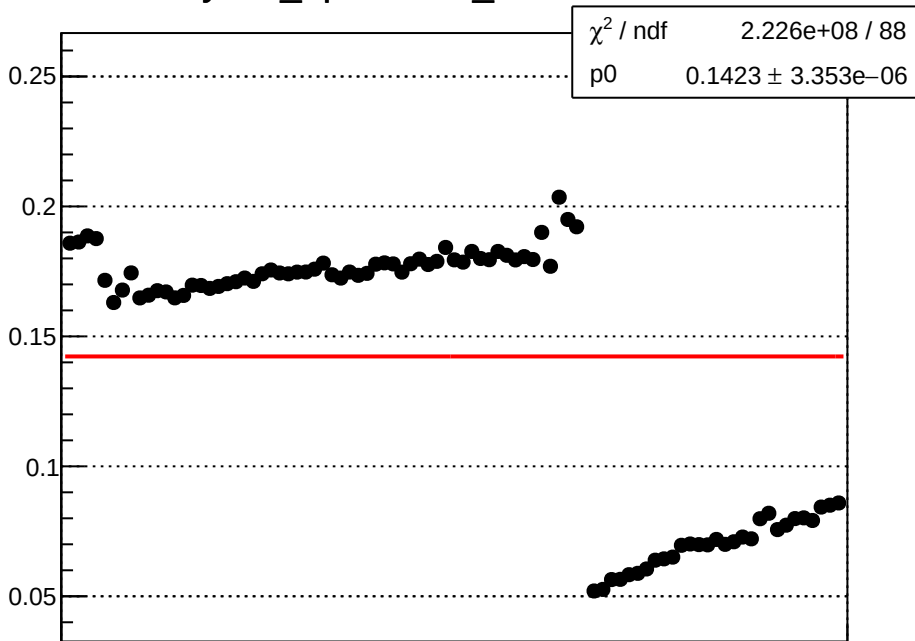


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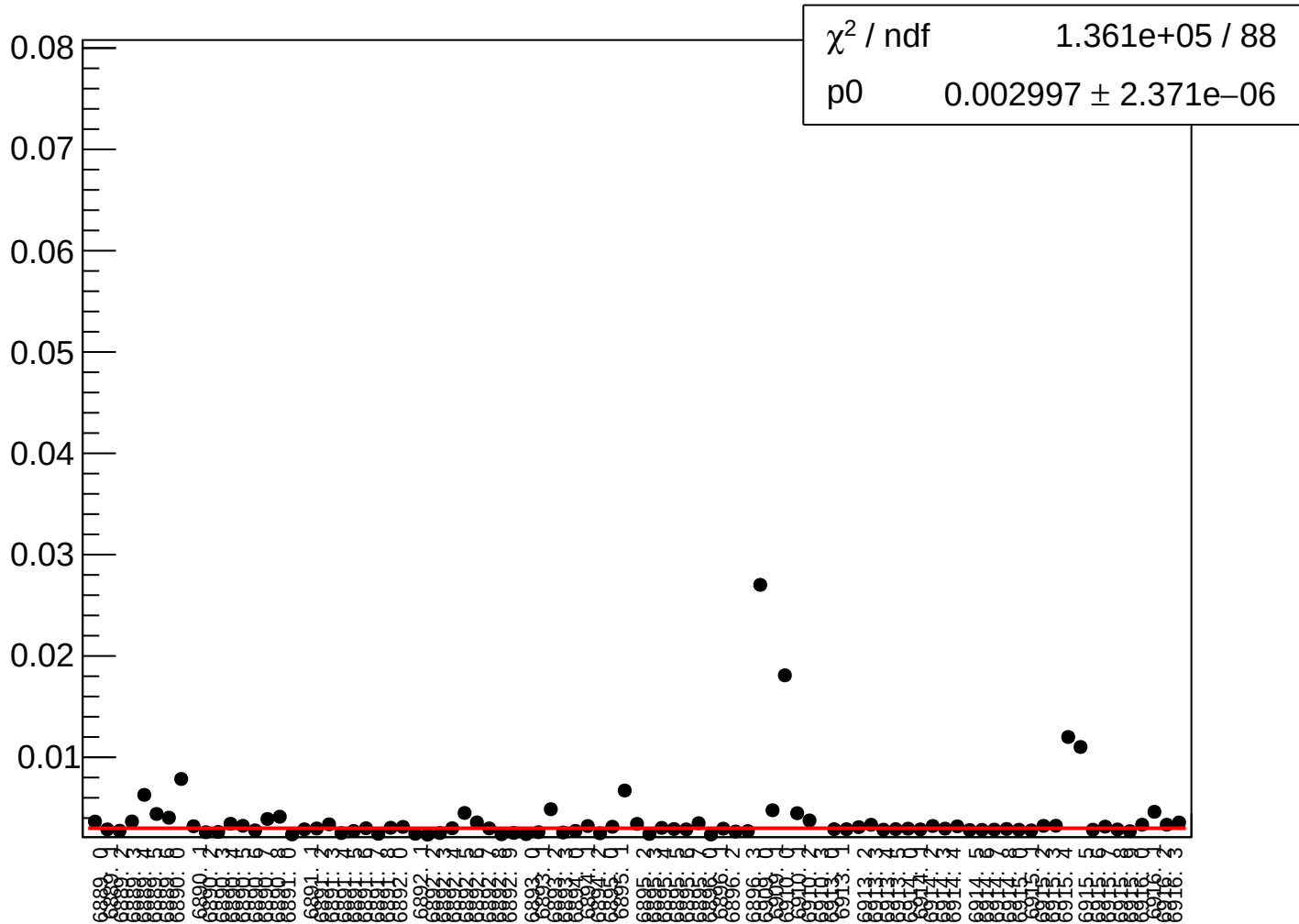
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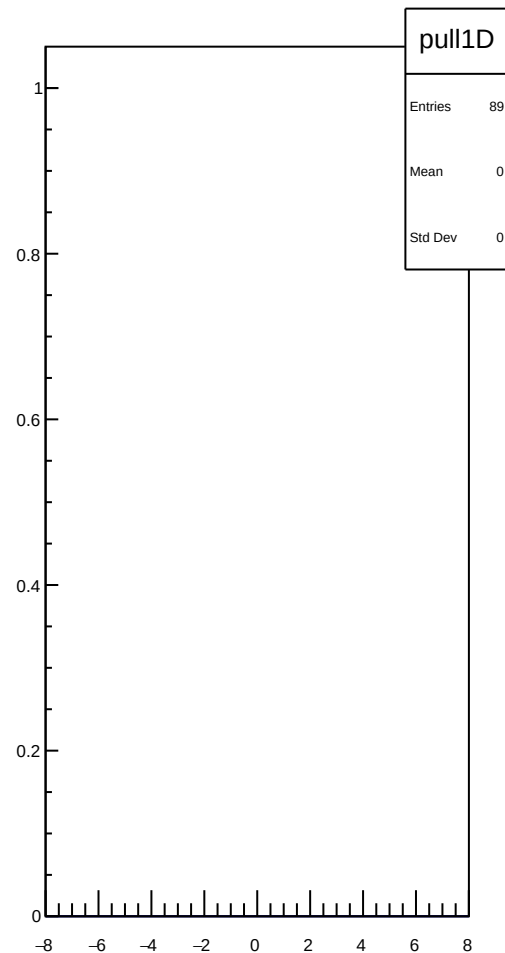
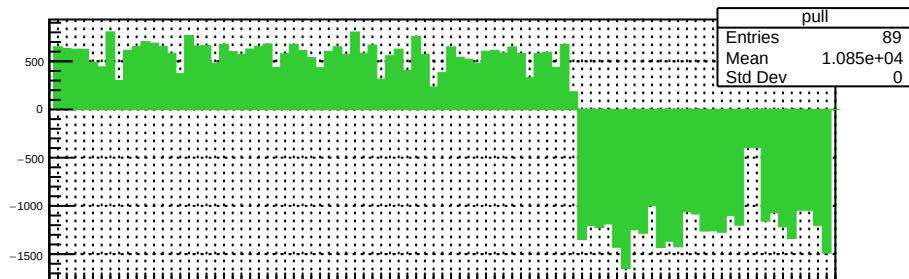
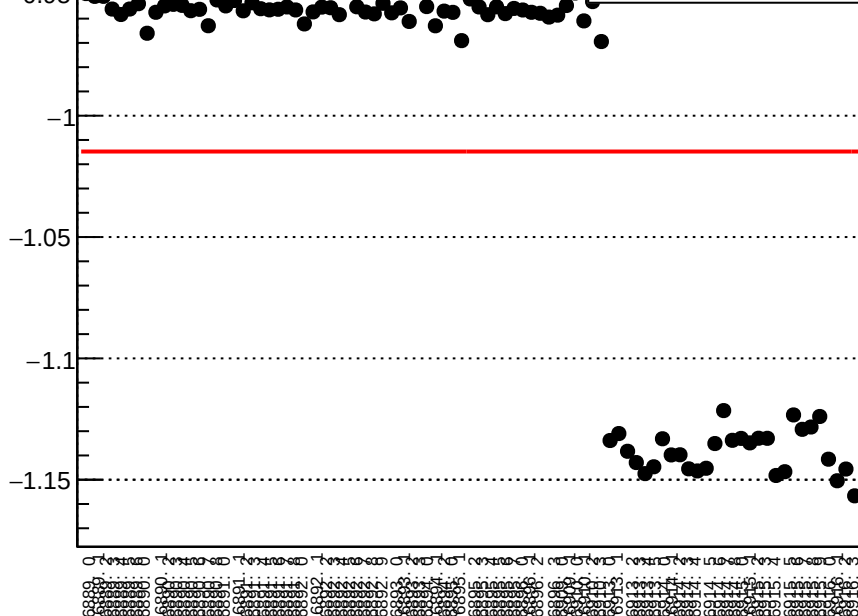
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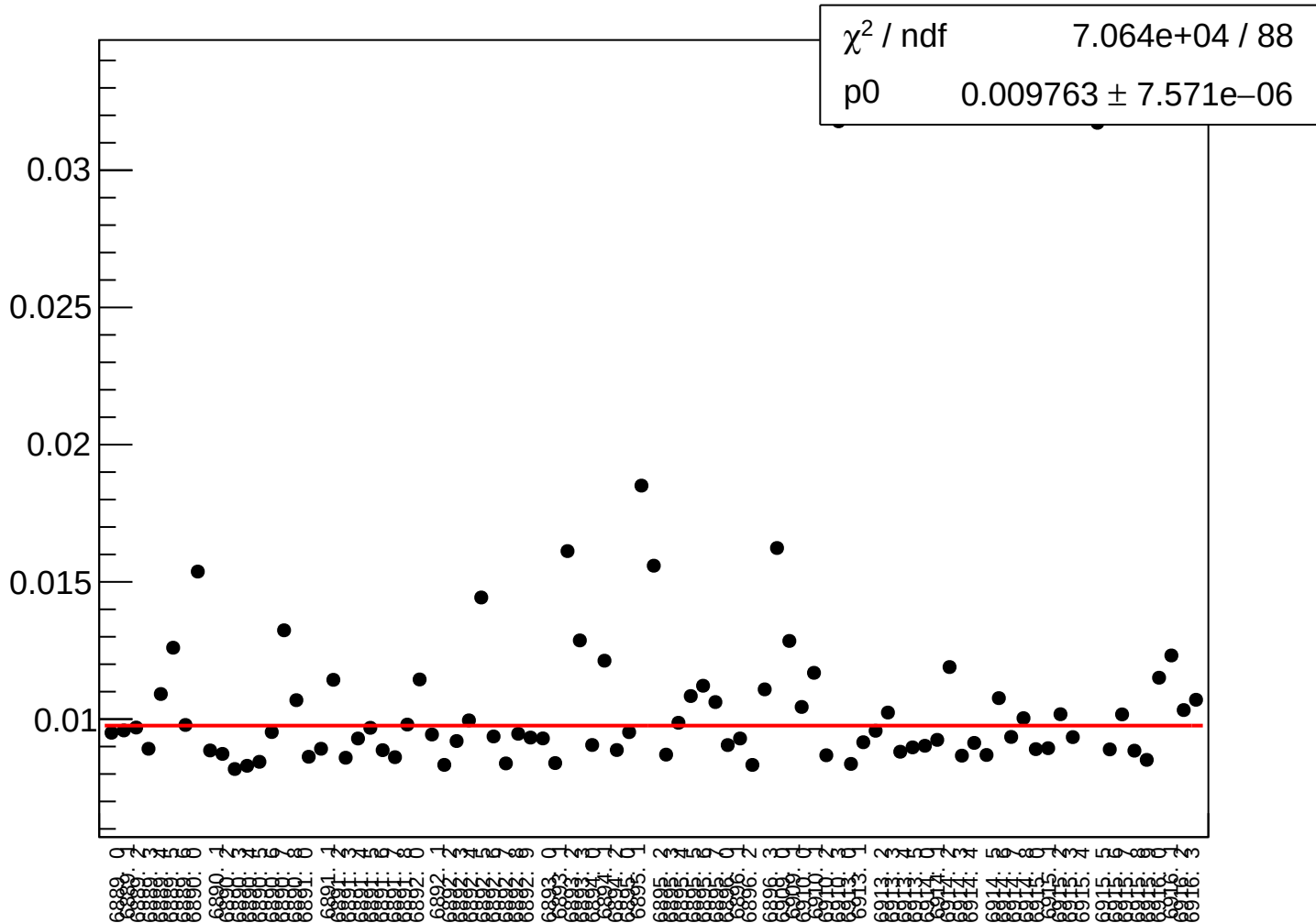
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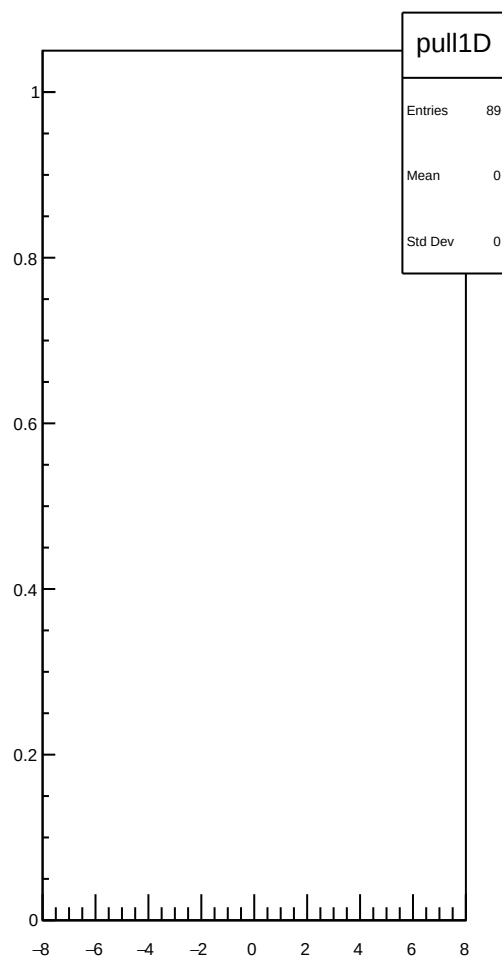
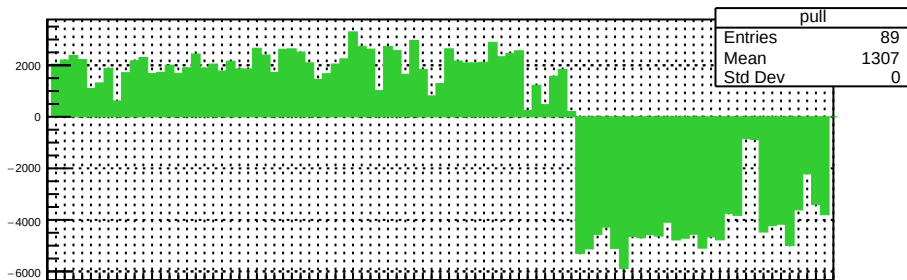
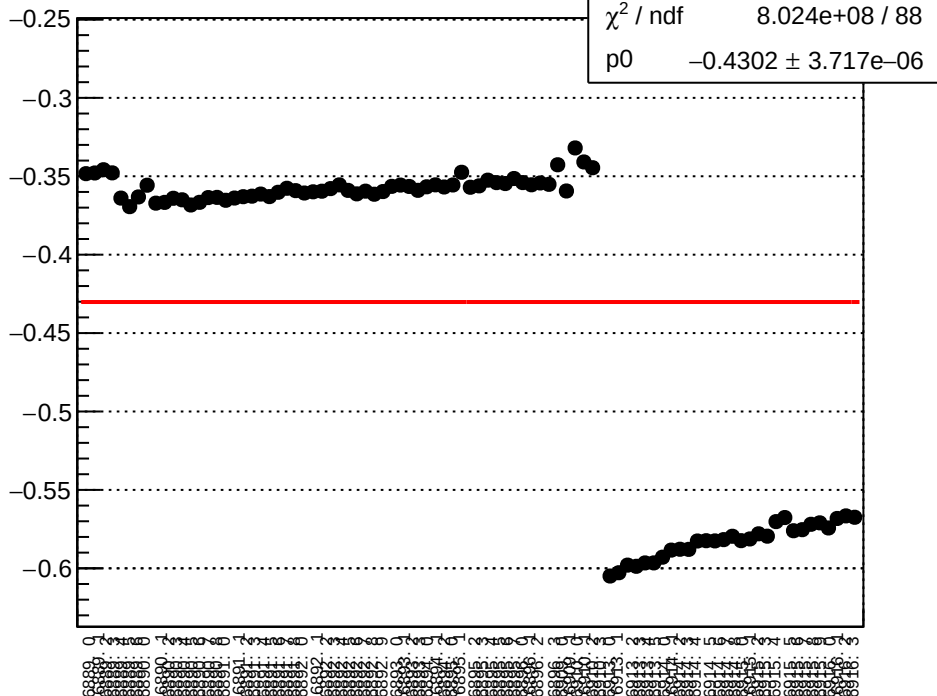
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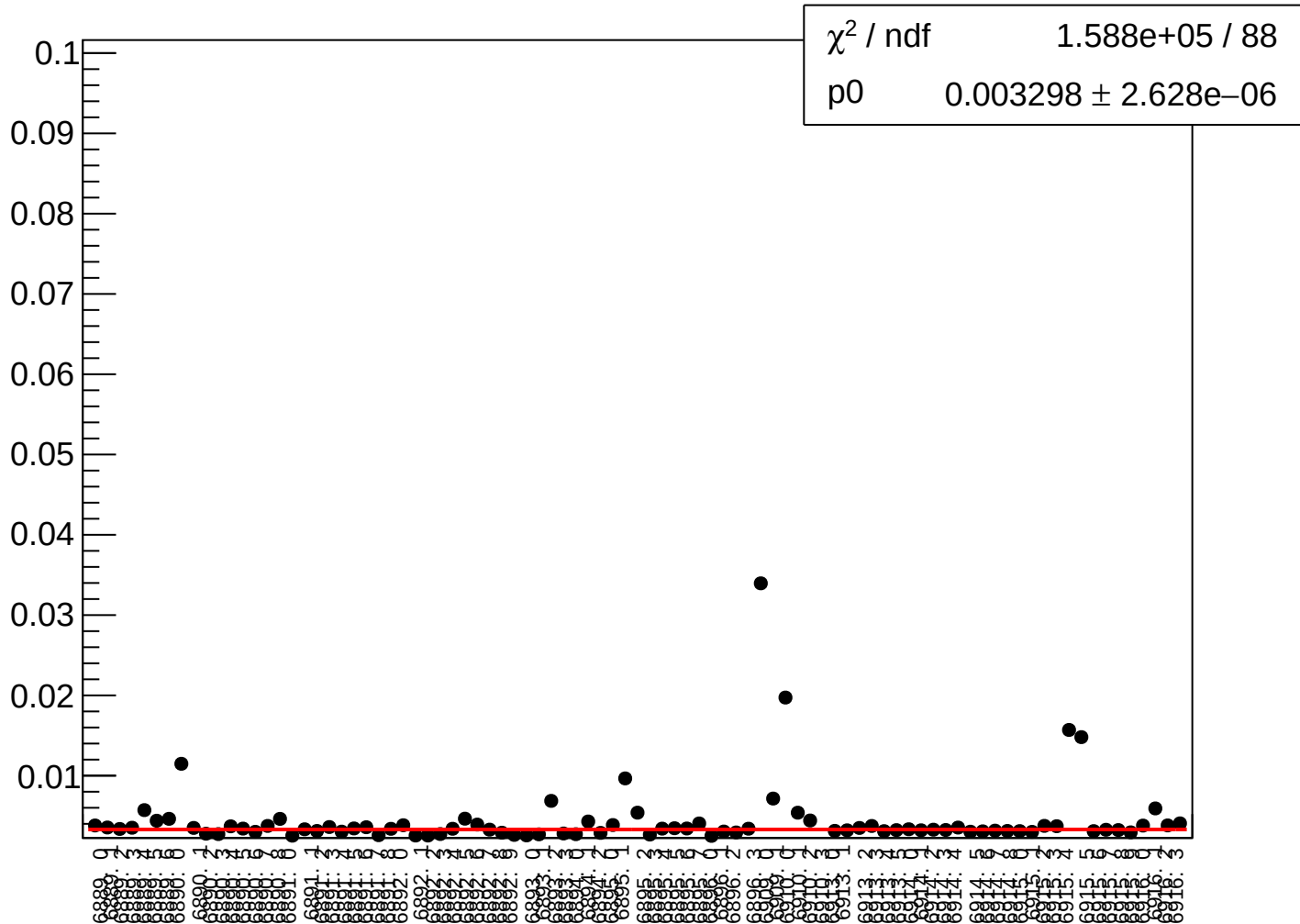
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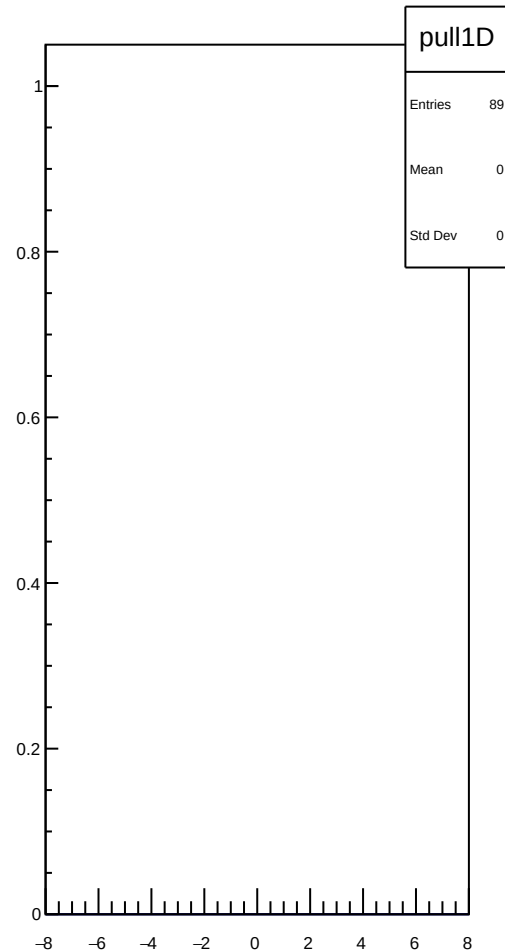
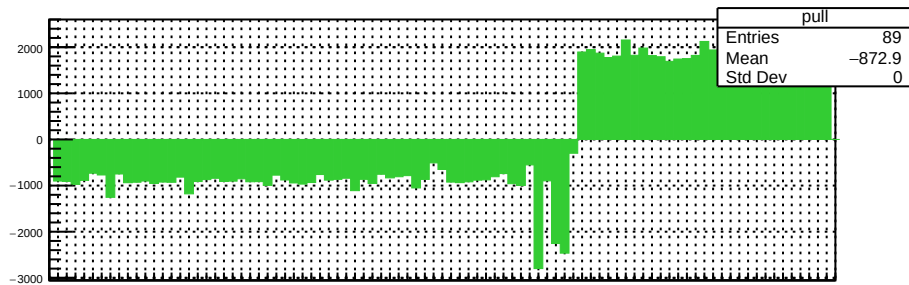
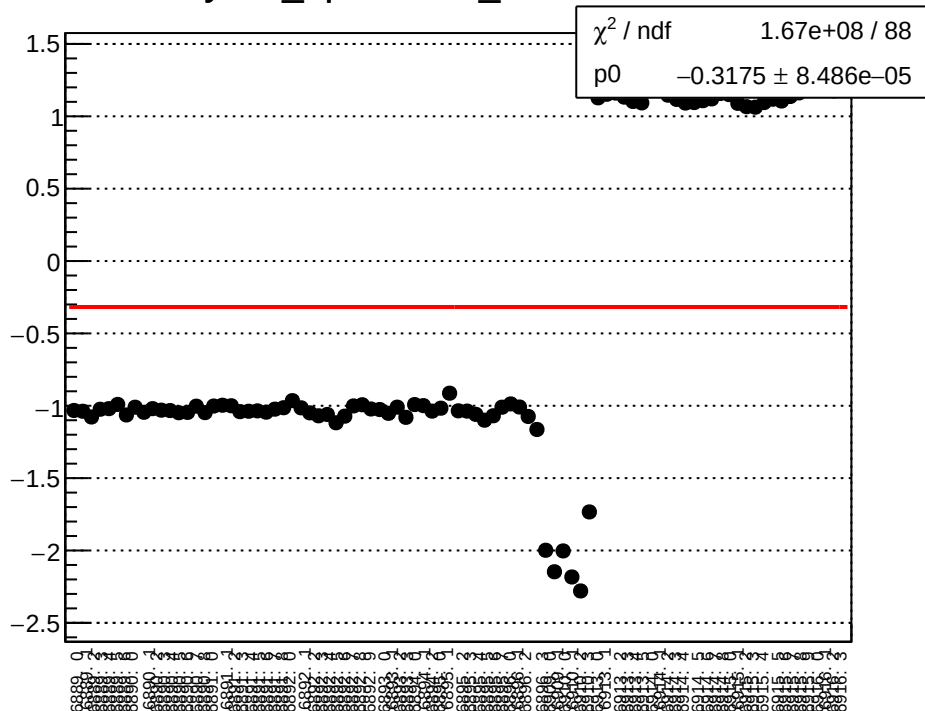
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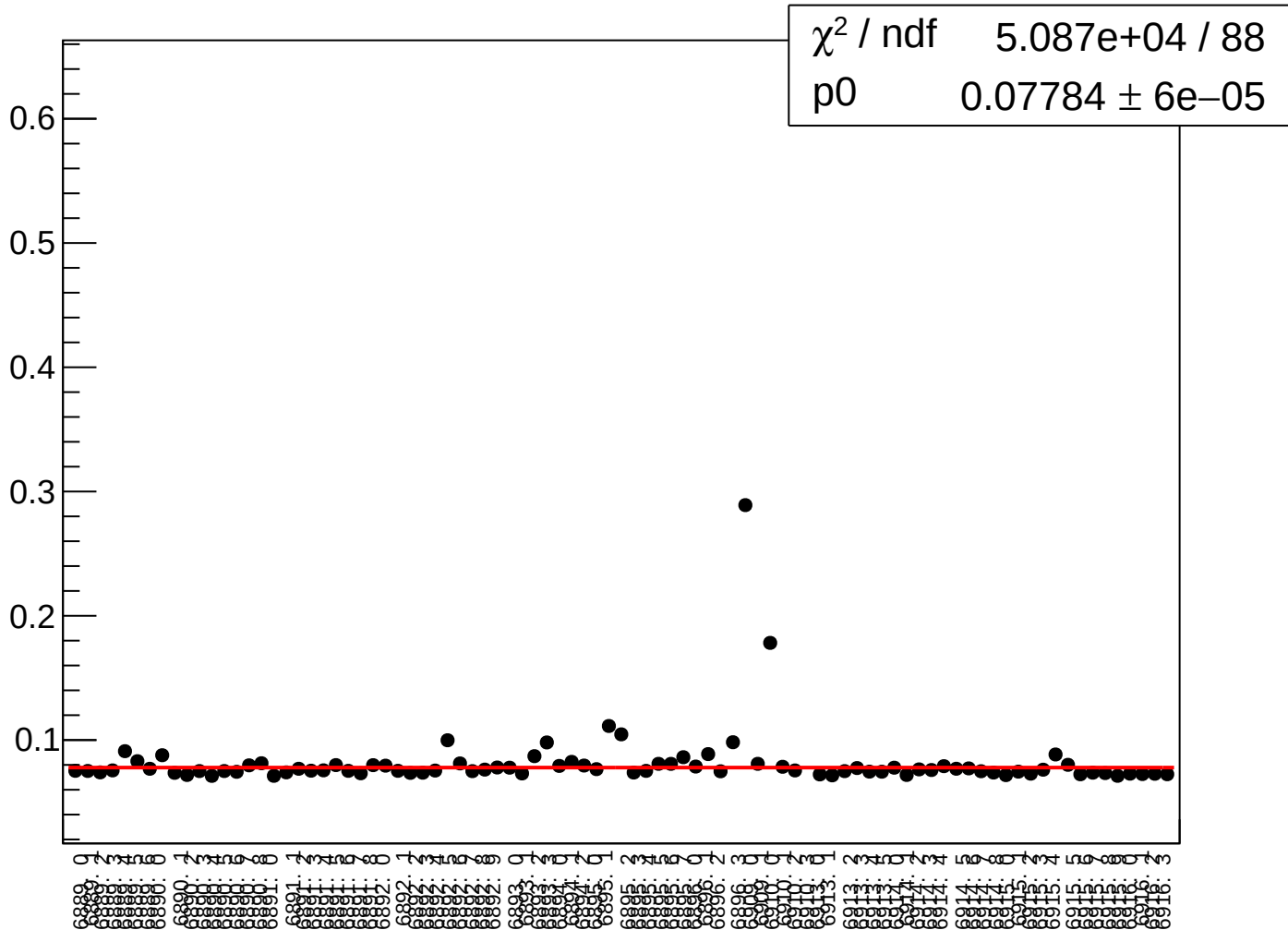
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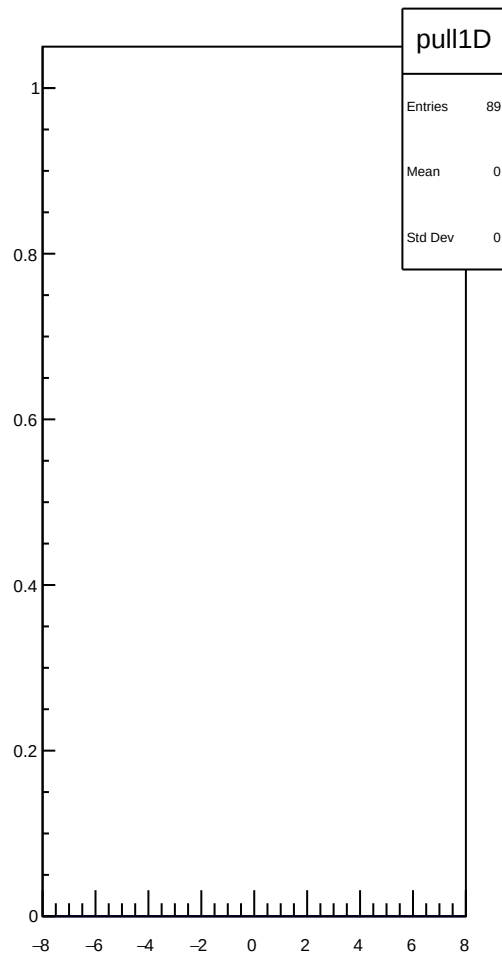
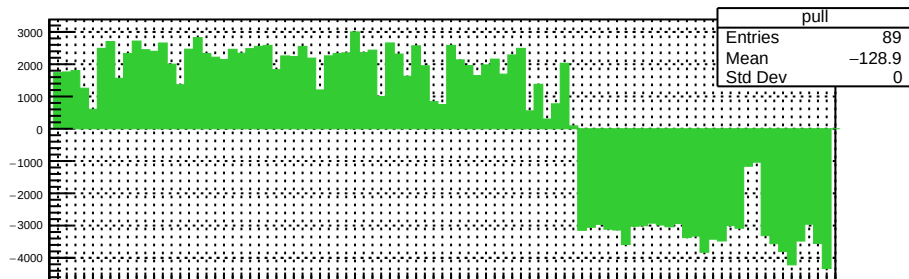
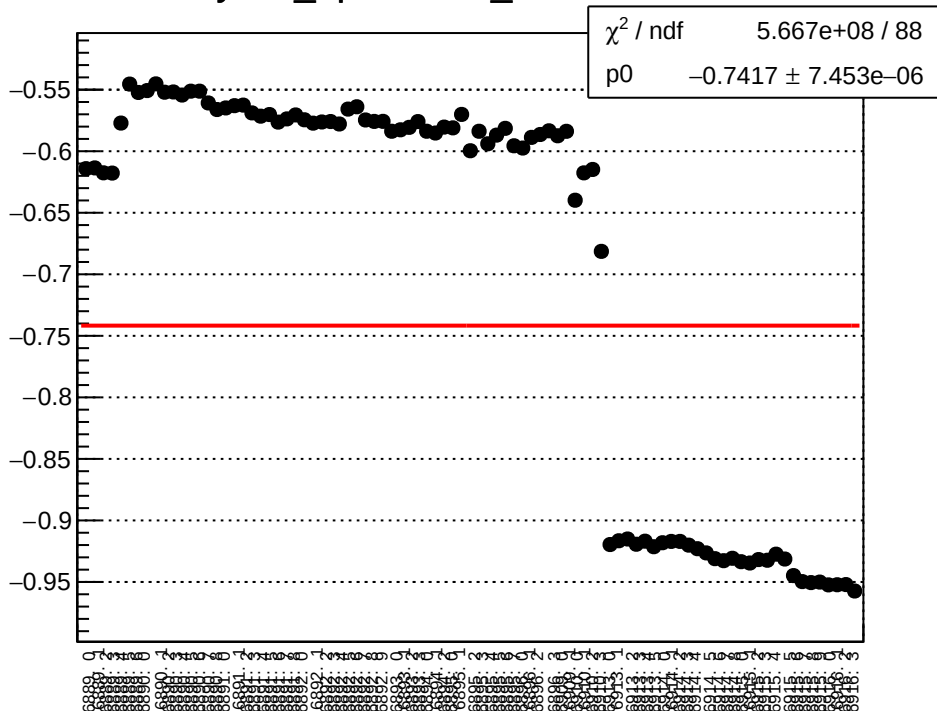
yield_bpm0r03X_mean vs run



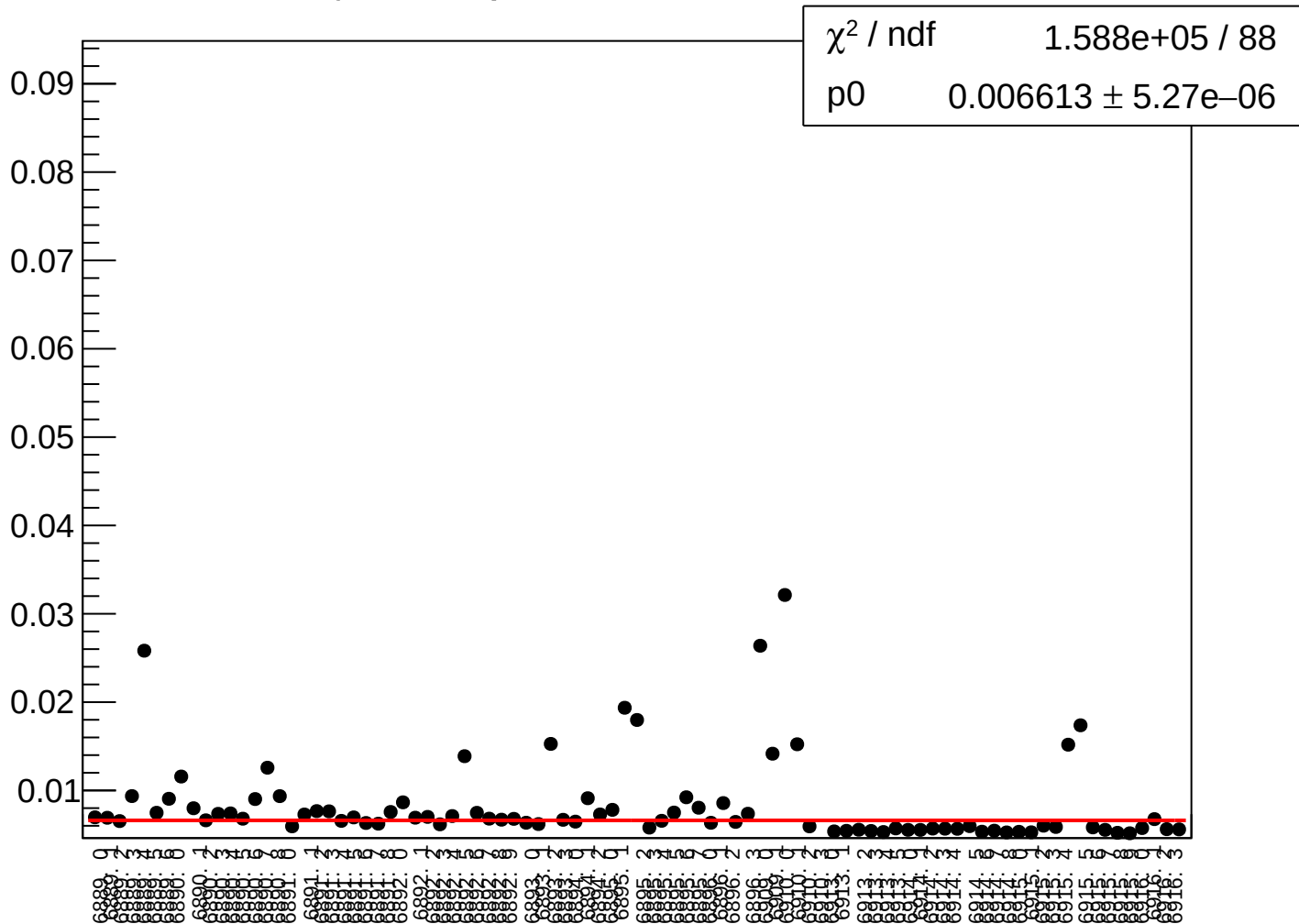
yield_bpm0r03X_rms vs run



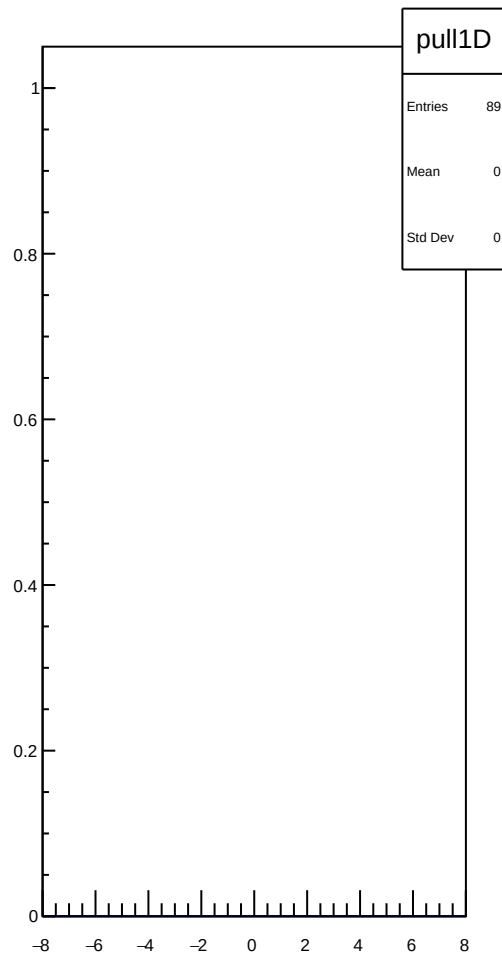
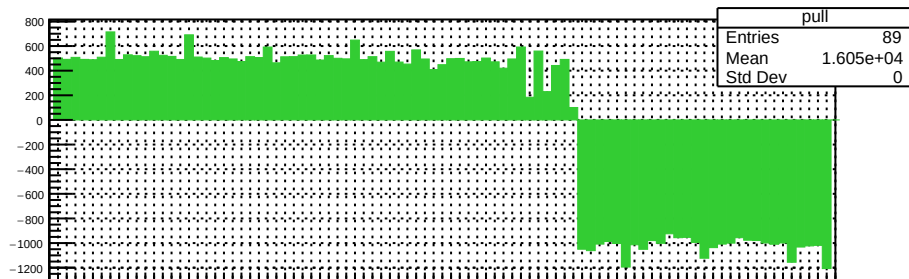
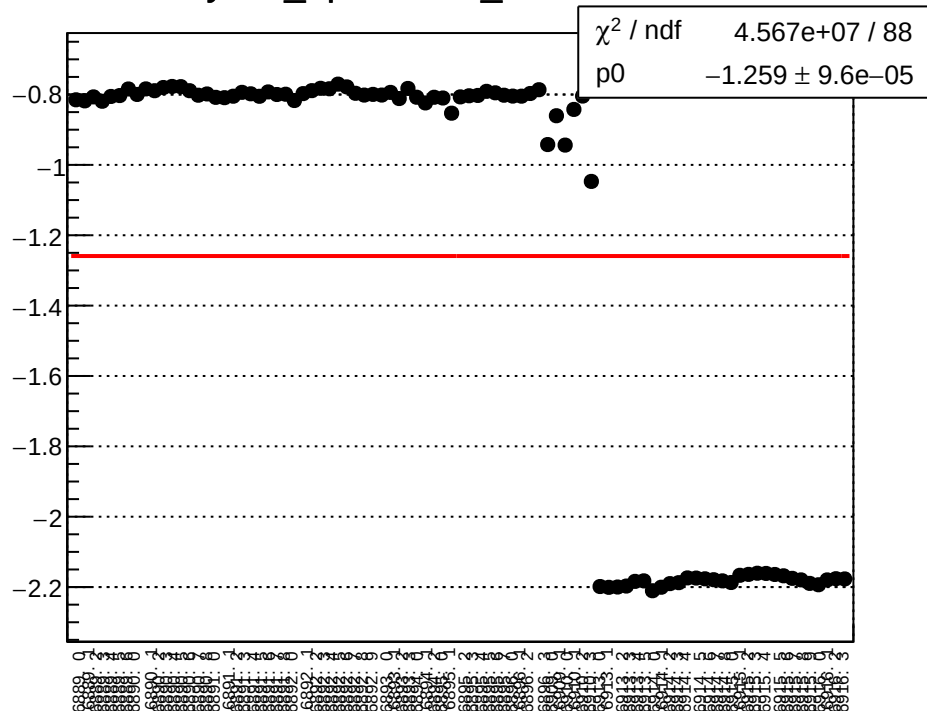
yield_bpm0r03Y_mean vs run



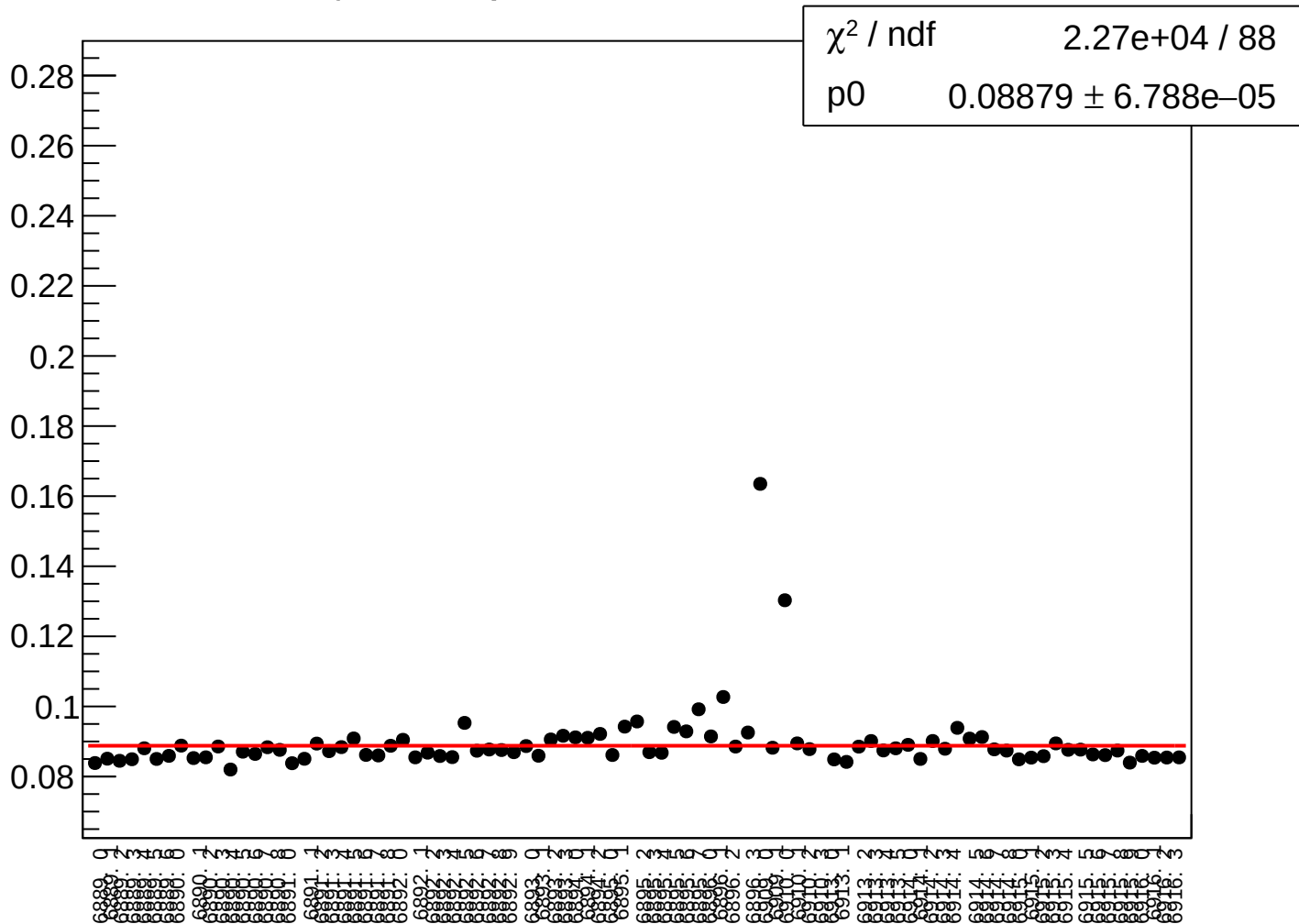
yield_bpm0r03Y_rms vs run



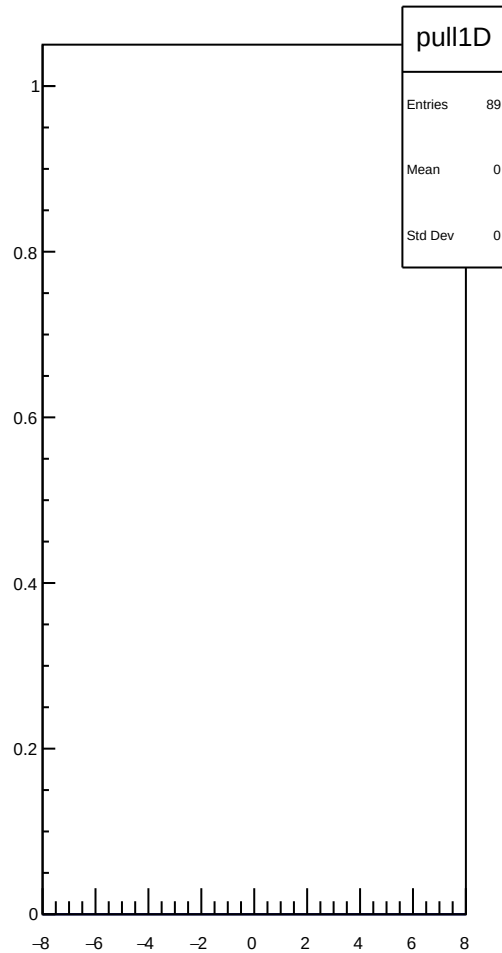
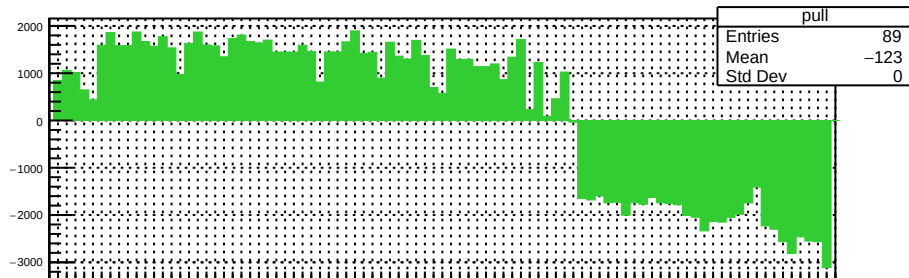
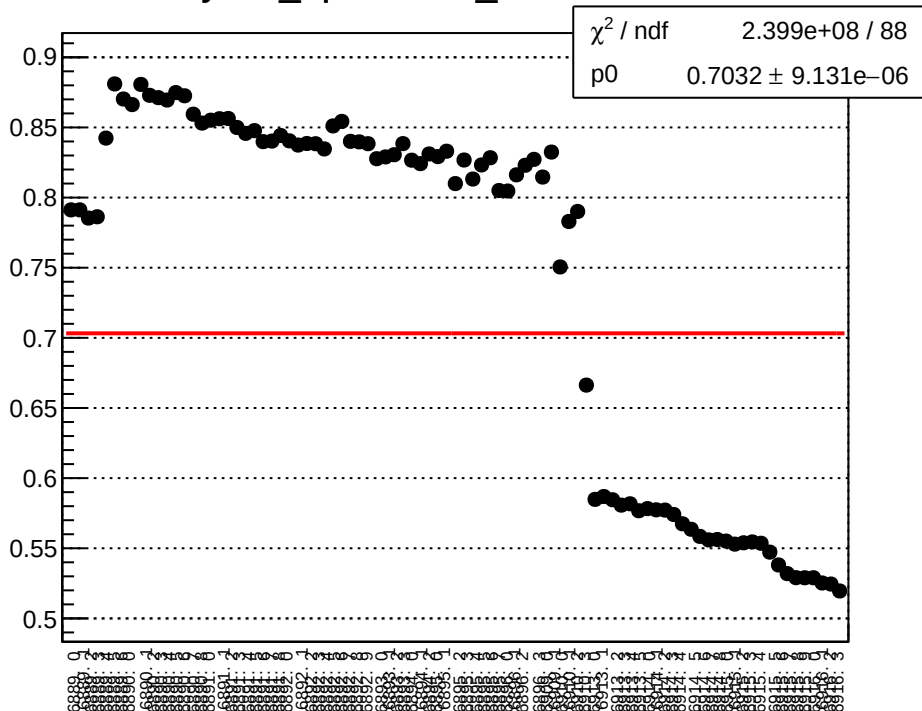
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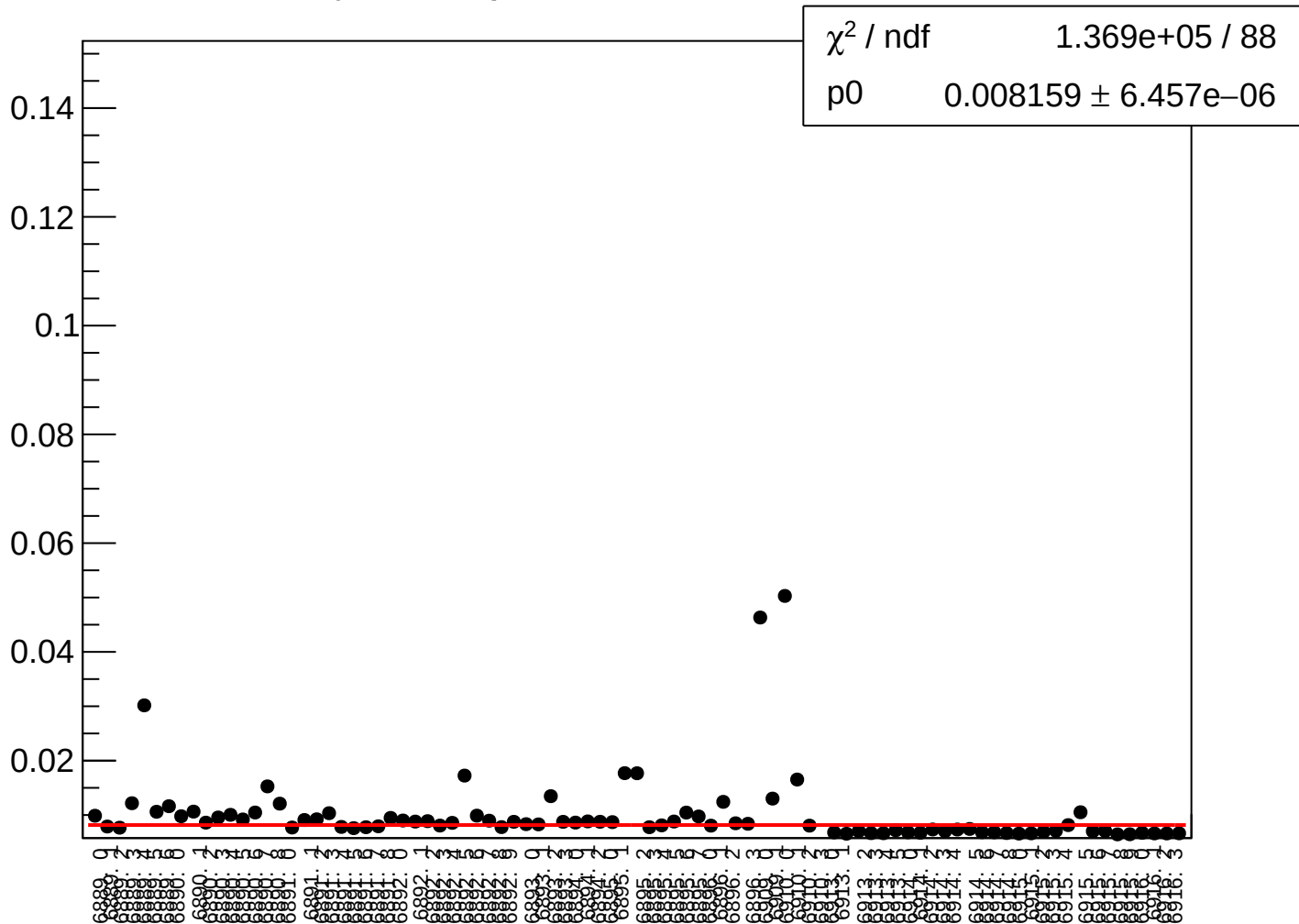
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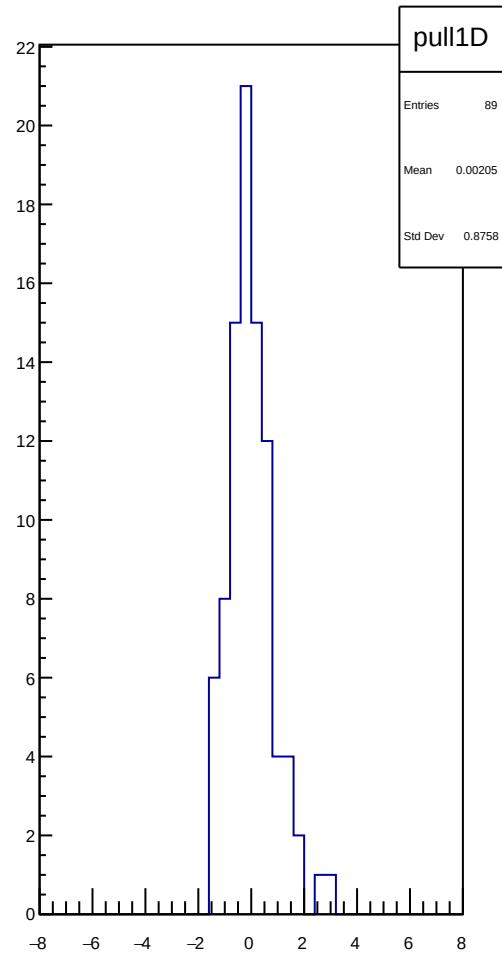
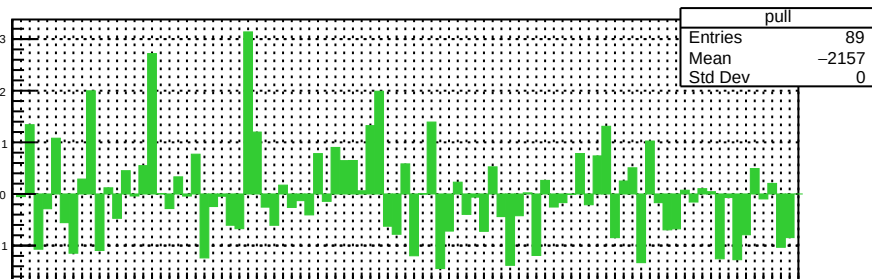
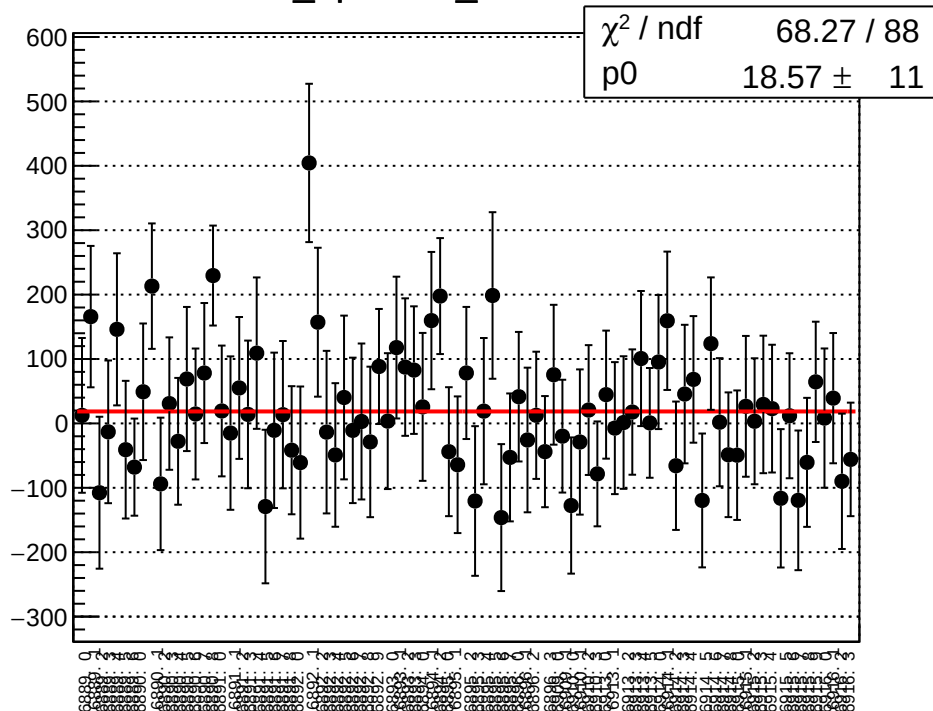
yield_bpm0r05Y_mean vs run



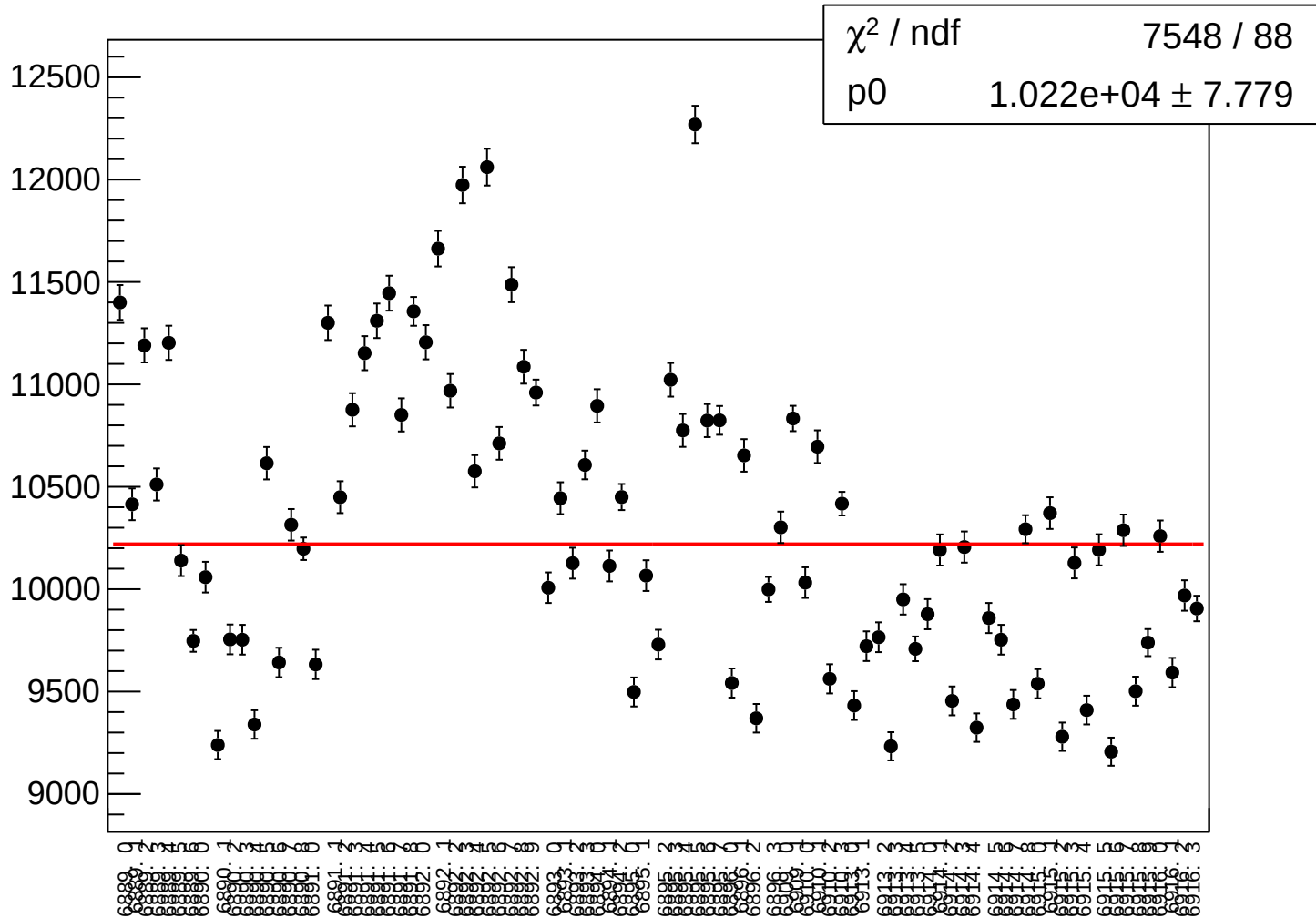
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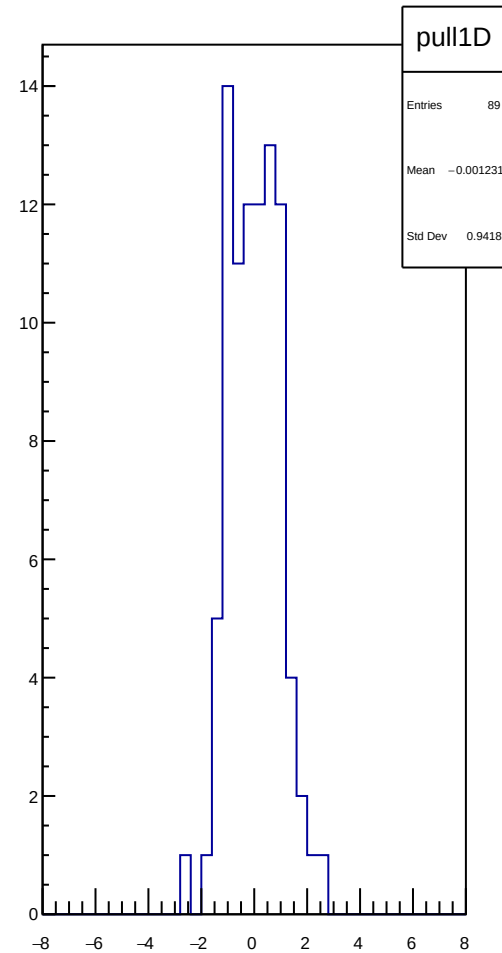
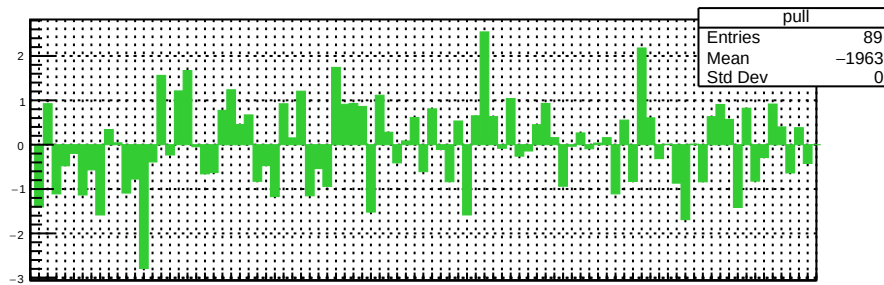
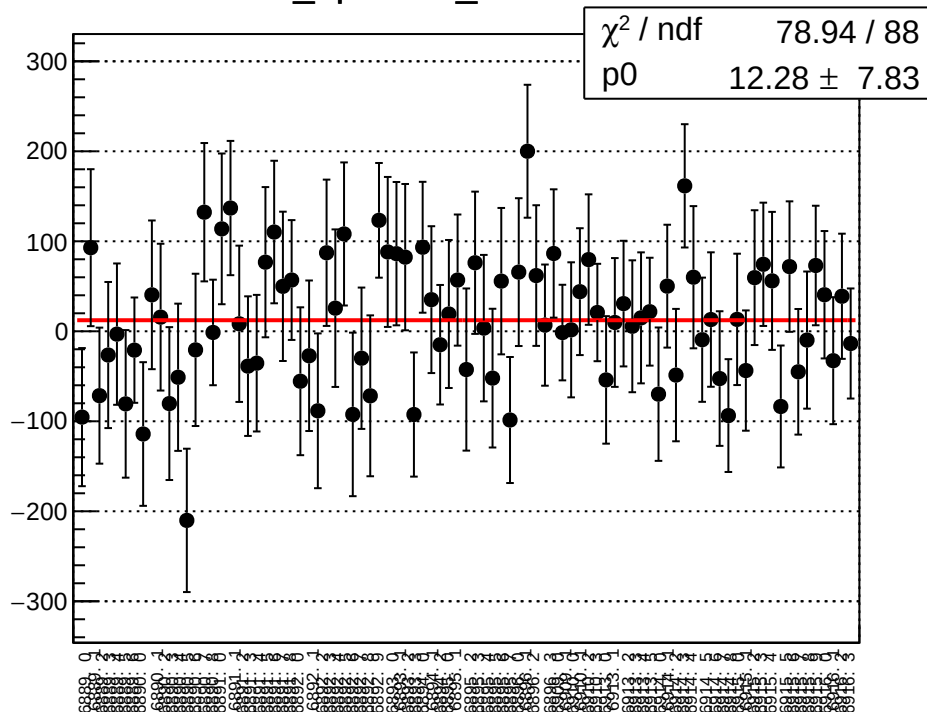
diff_bpm4aX_mean vs run



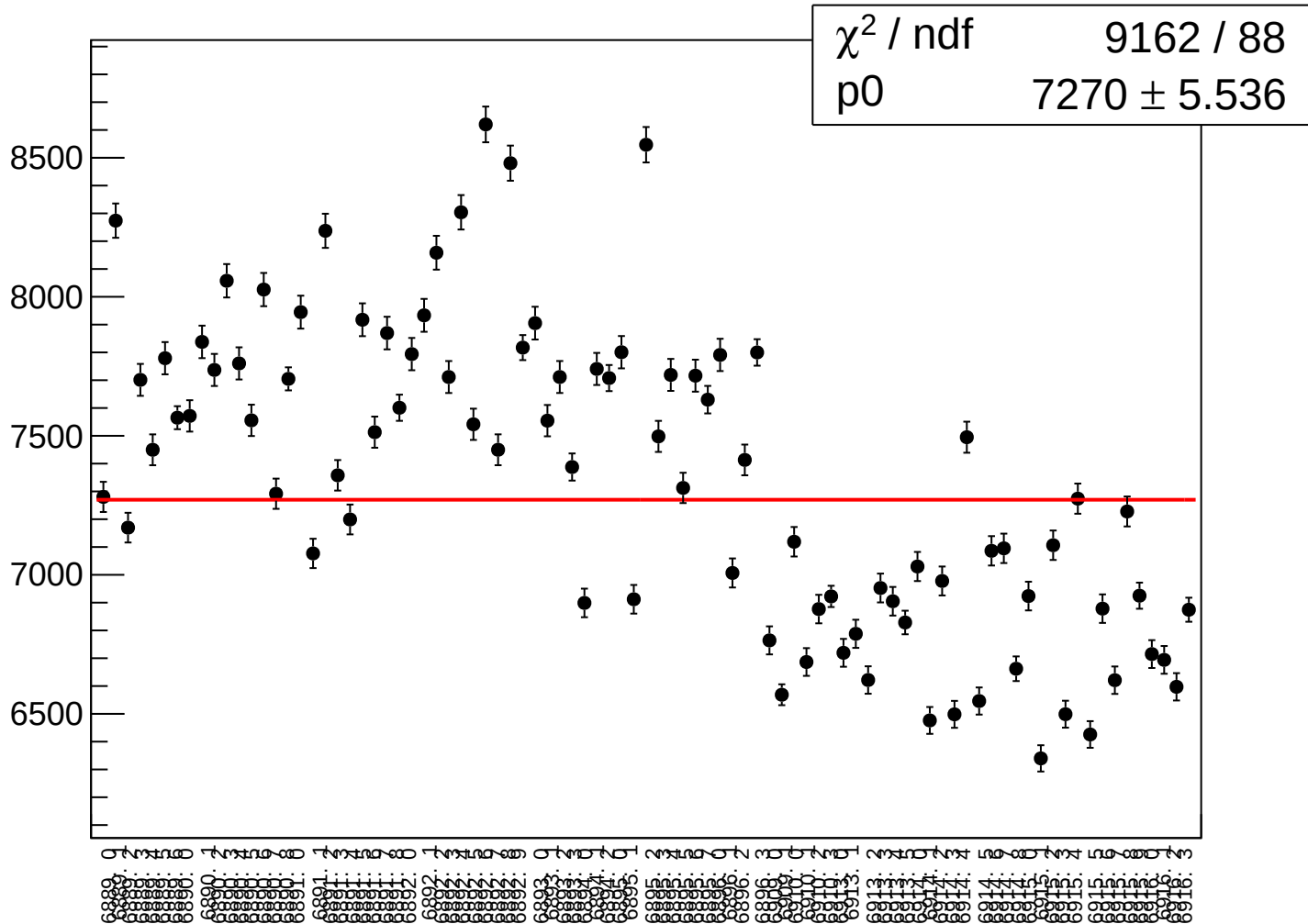
diff_bpm4aX_rms vs run



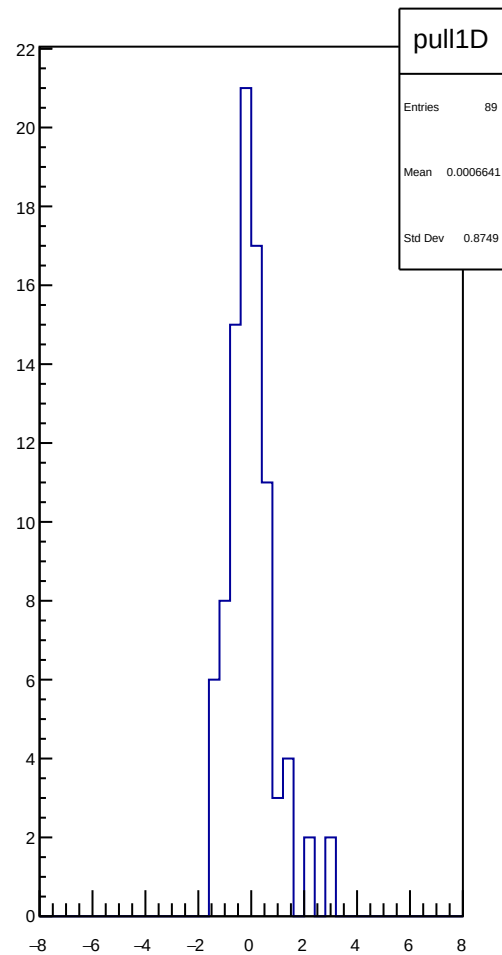
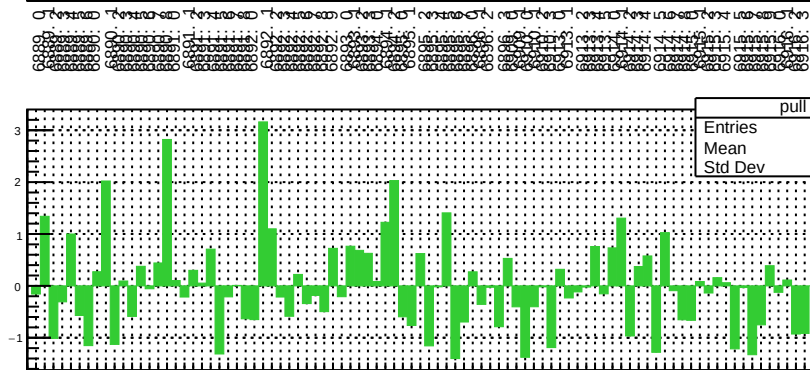
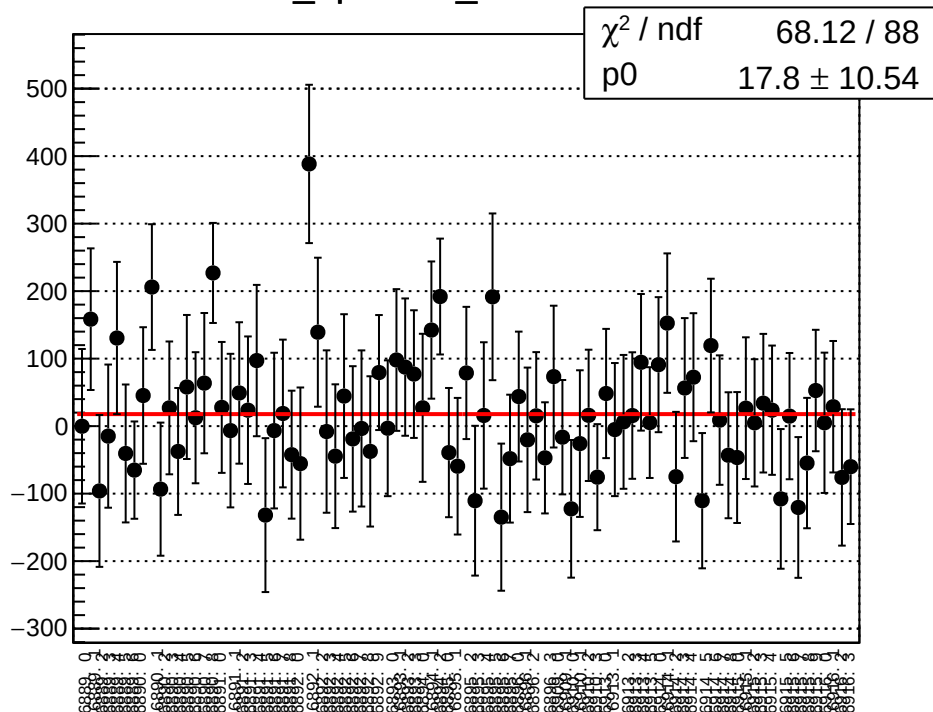
diff_bpm4aY_mean vs run



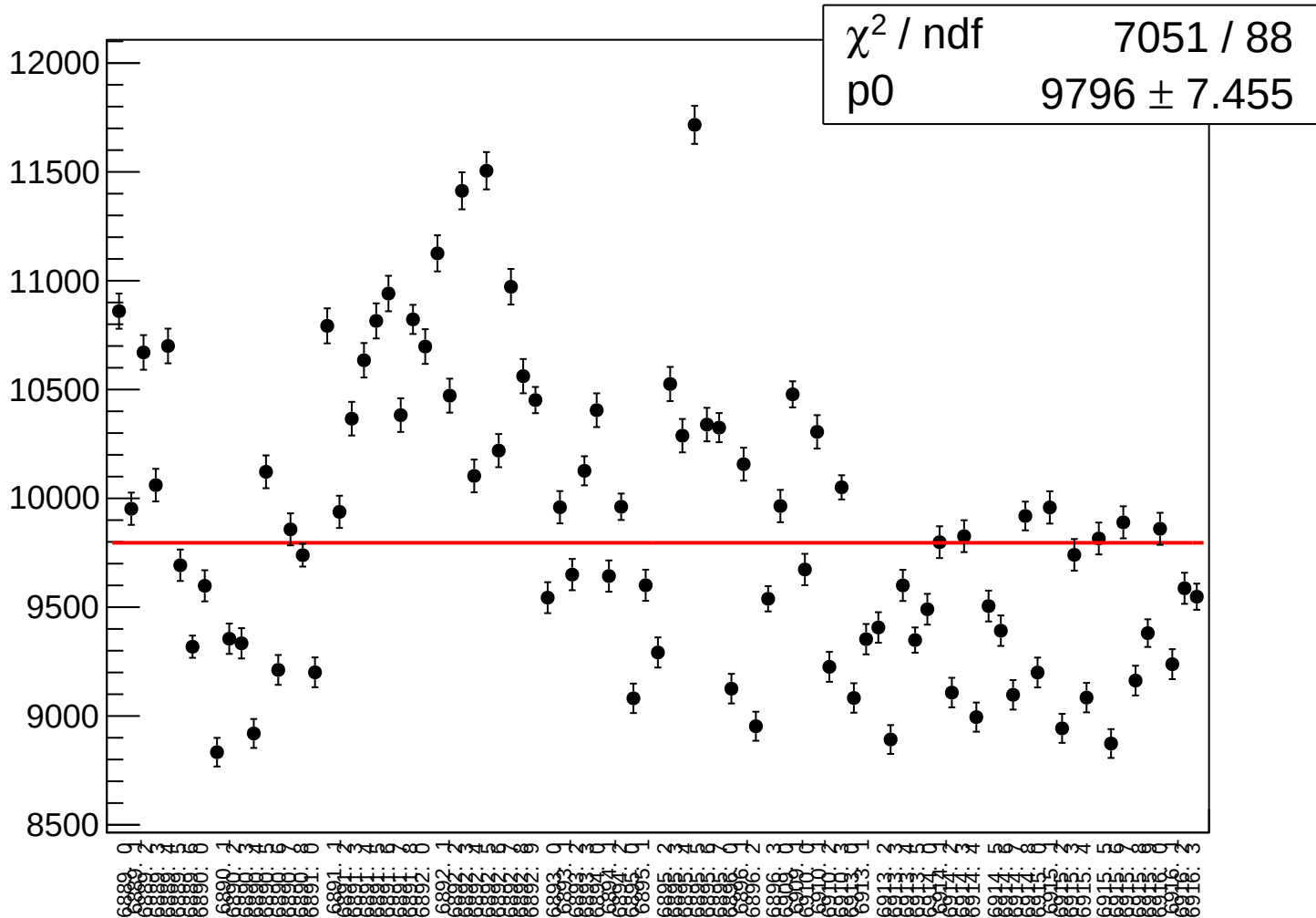
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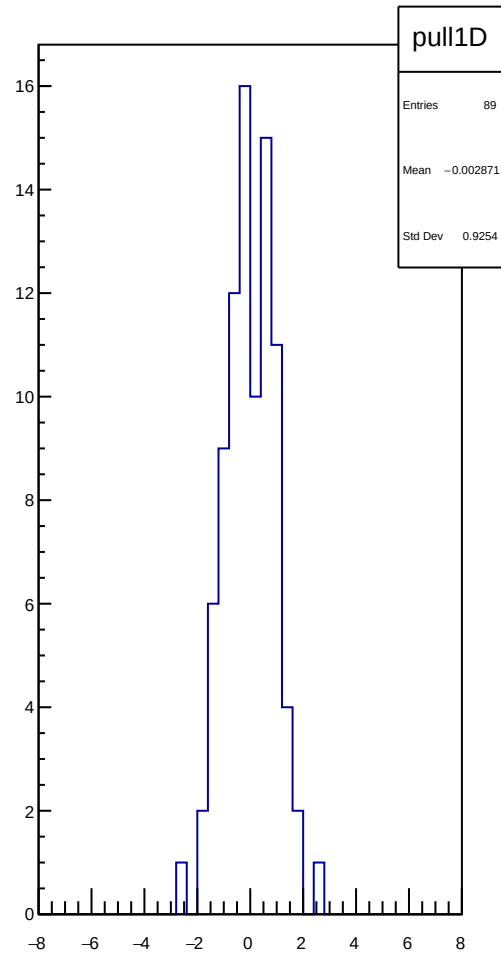
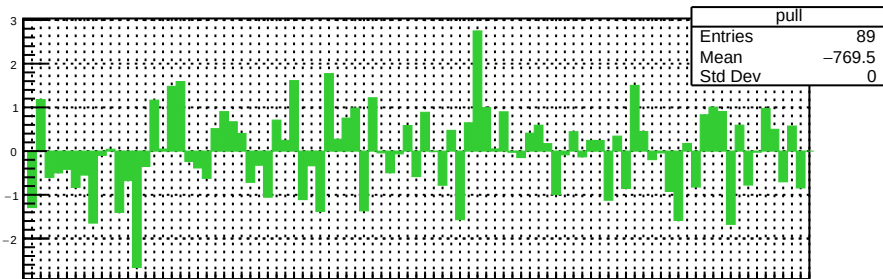
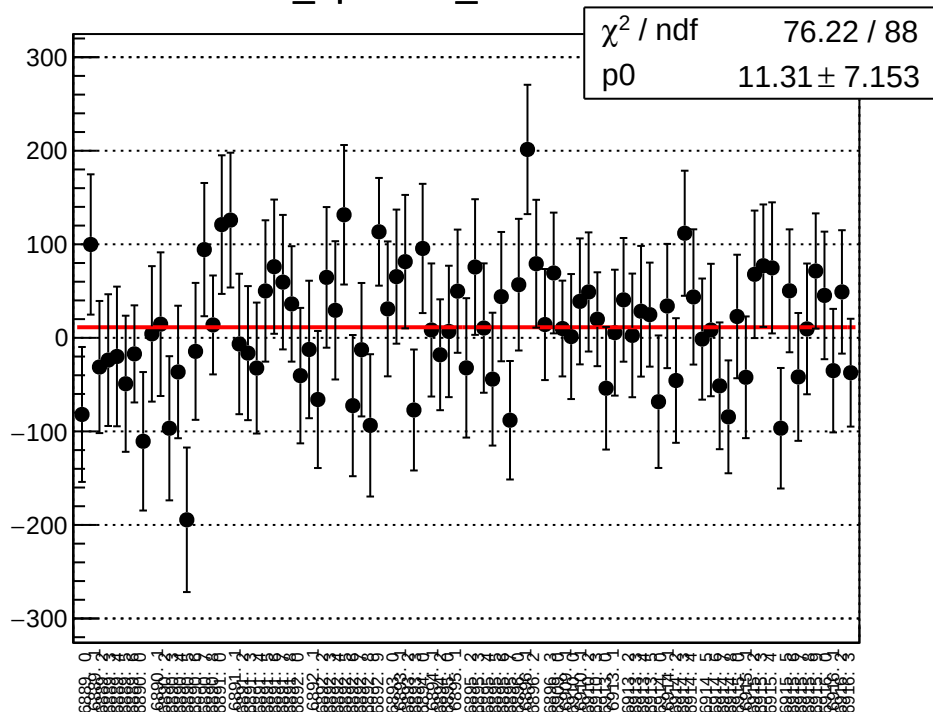
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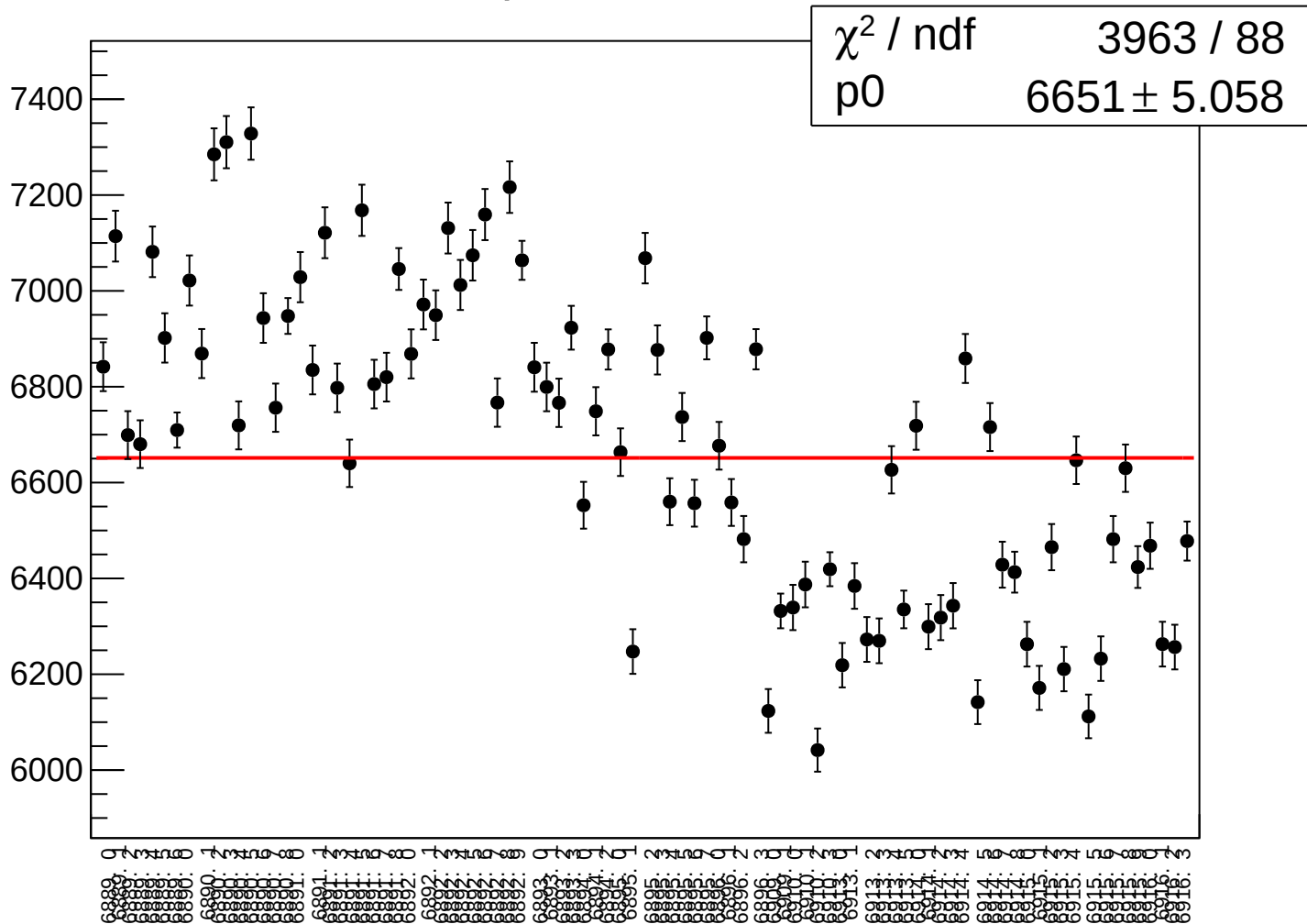
diff_bpm4eX_rms vs run



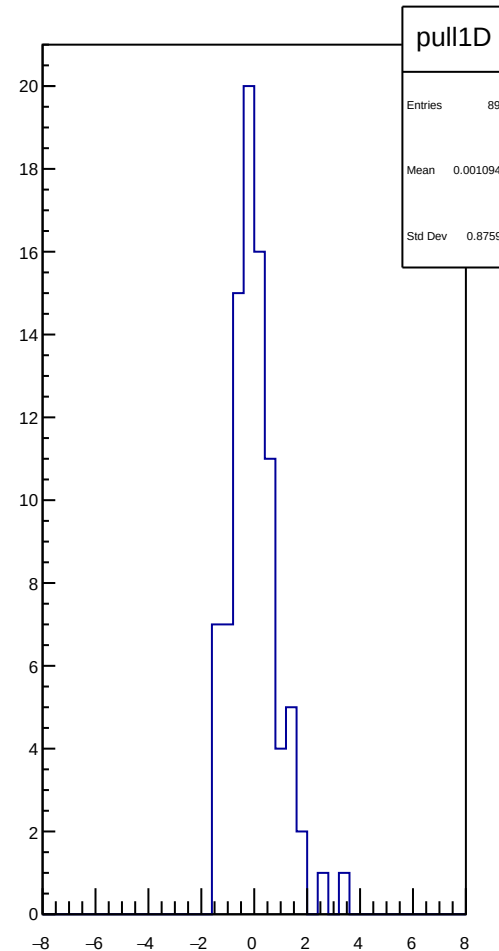
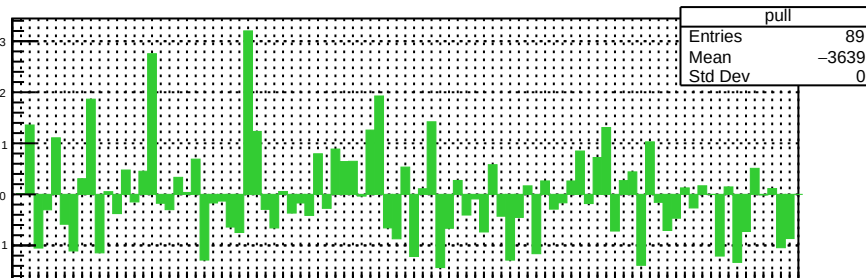
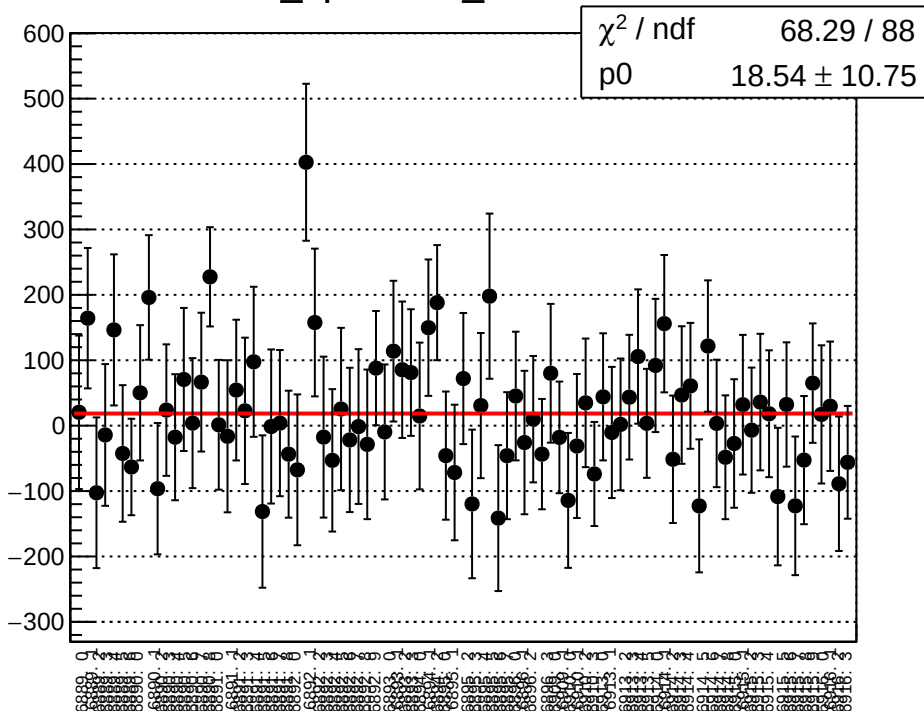
diff_bpm4eY_mean vs run



diff_bpm4eY_rms vs run



diff_bpm4acX_mean vs run



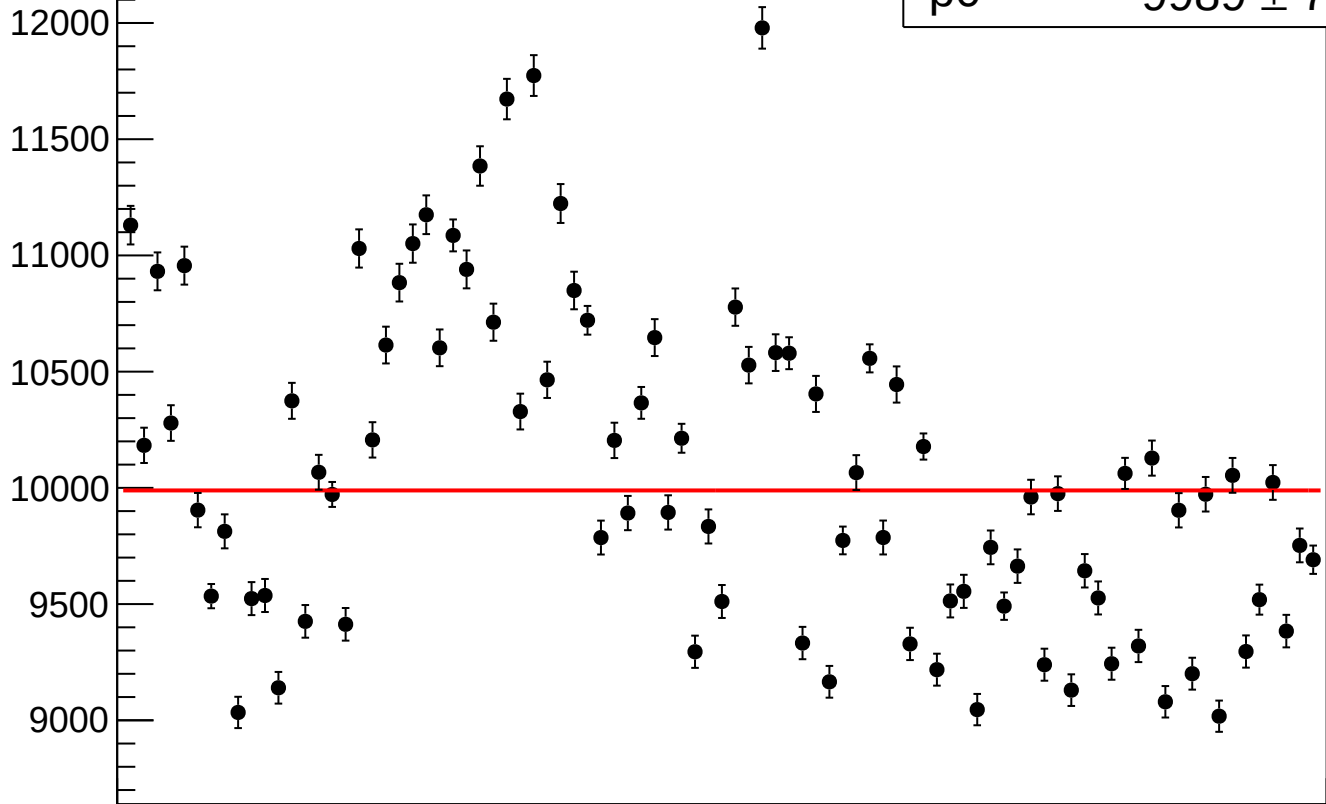
diff_bpm4acX_rms vs run

χ^2 / ndf

7420 / 88

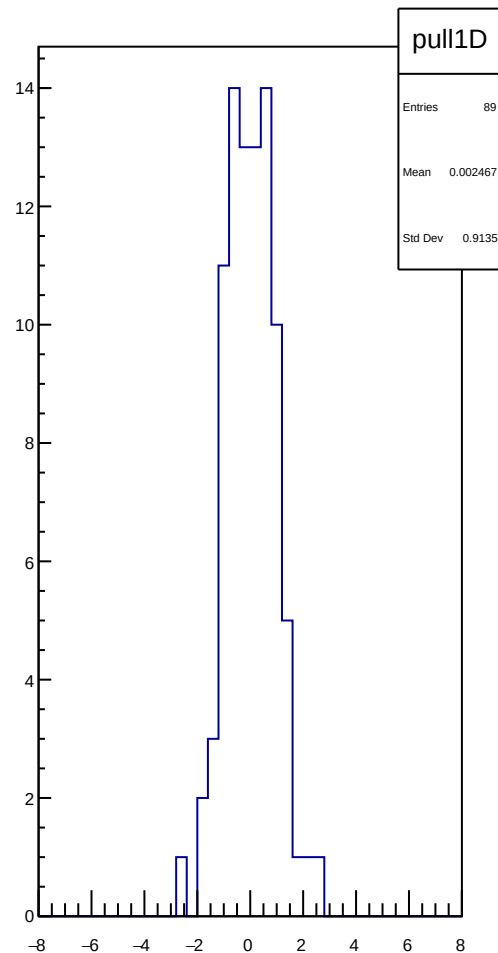
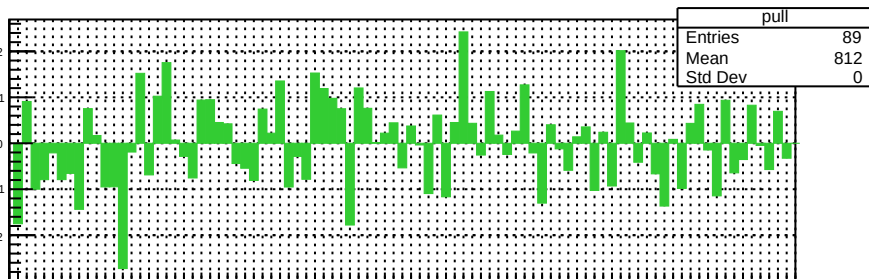
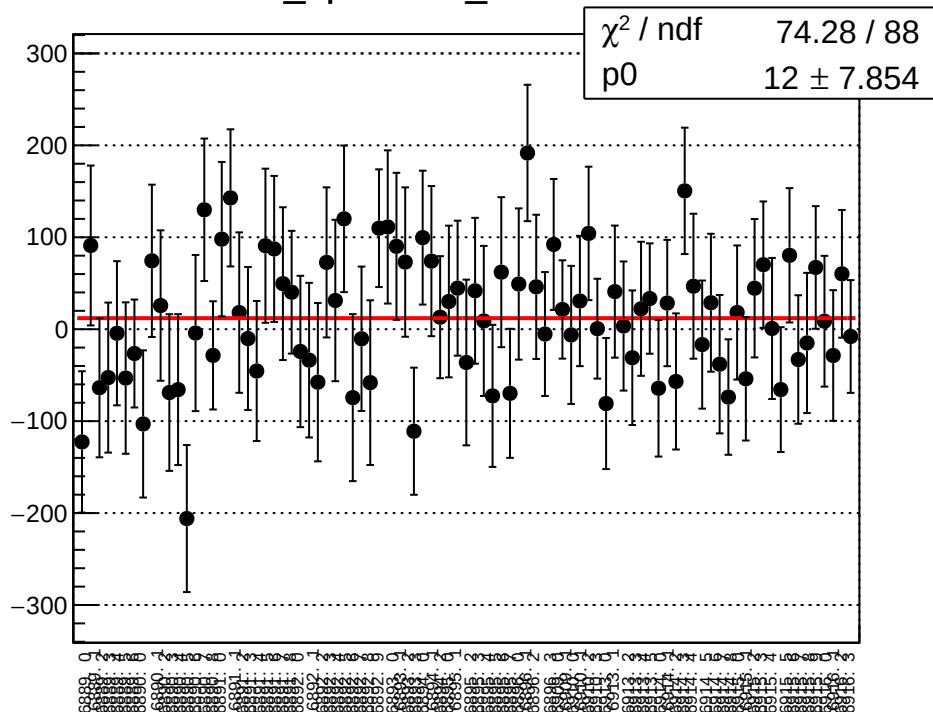
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9989 ± 7.603

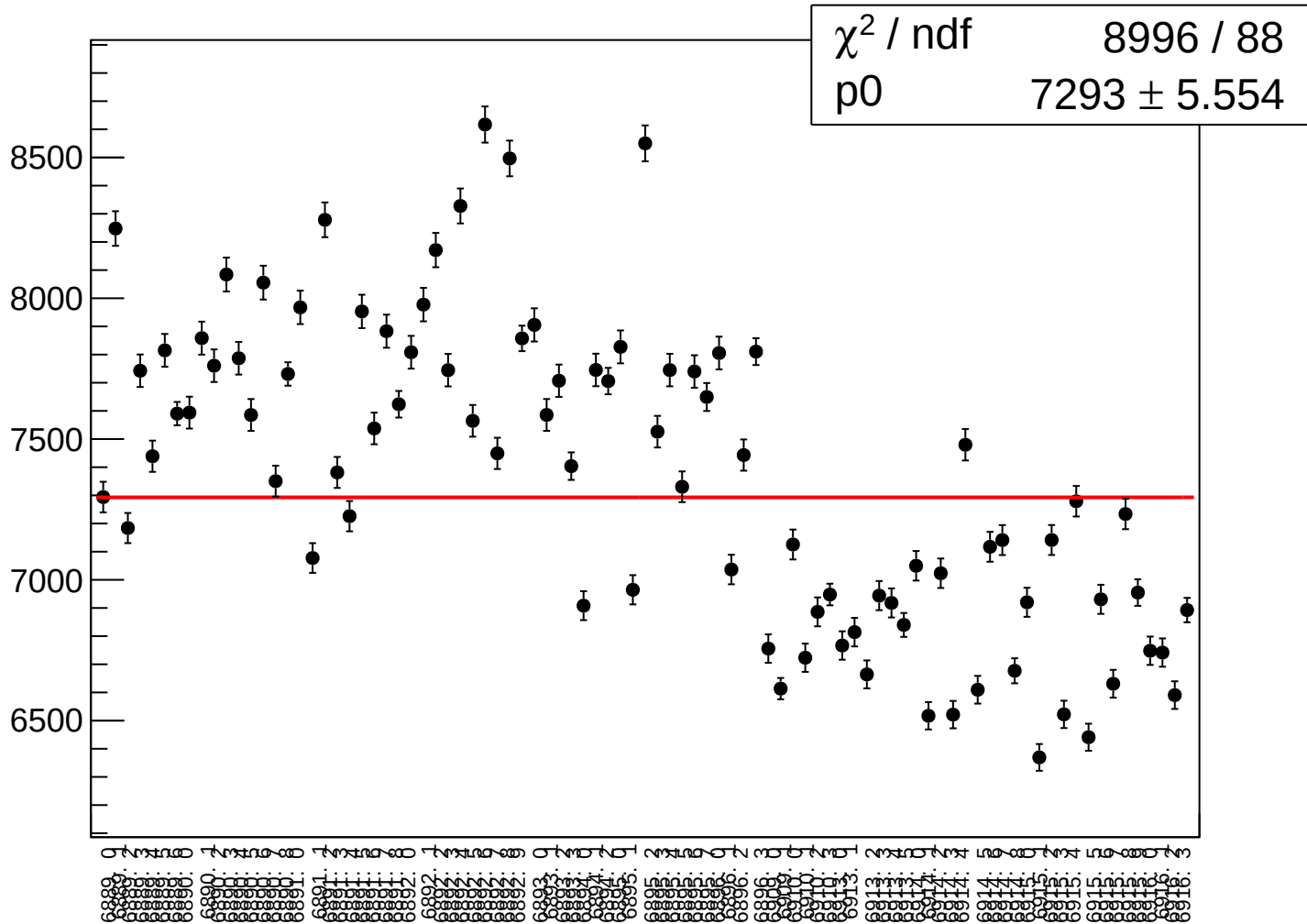


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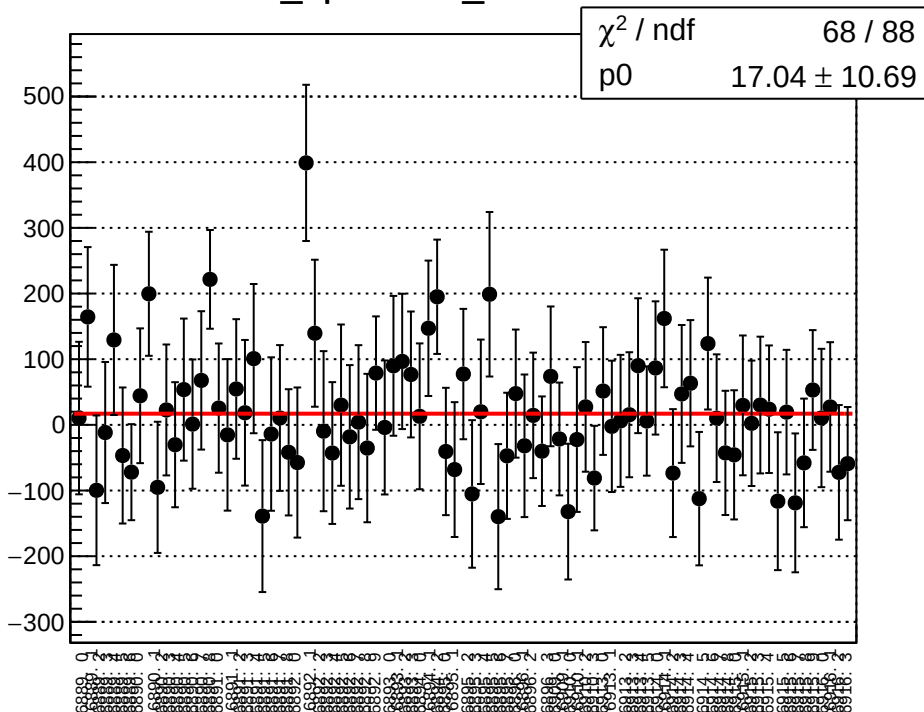
diff_bpm4acY_mean vs run



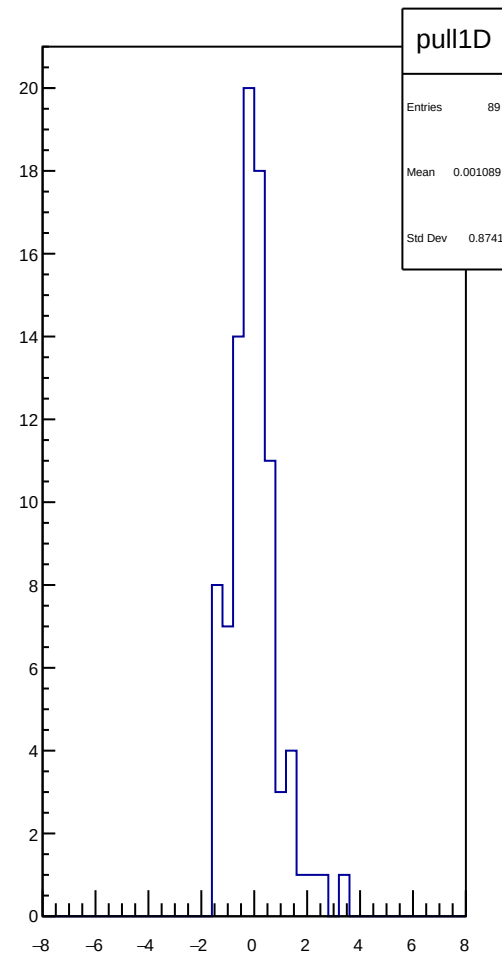
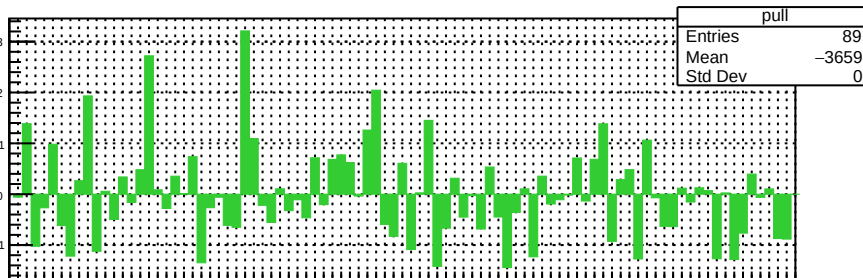
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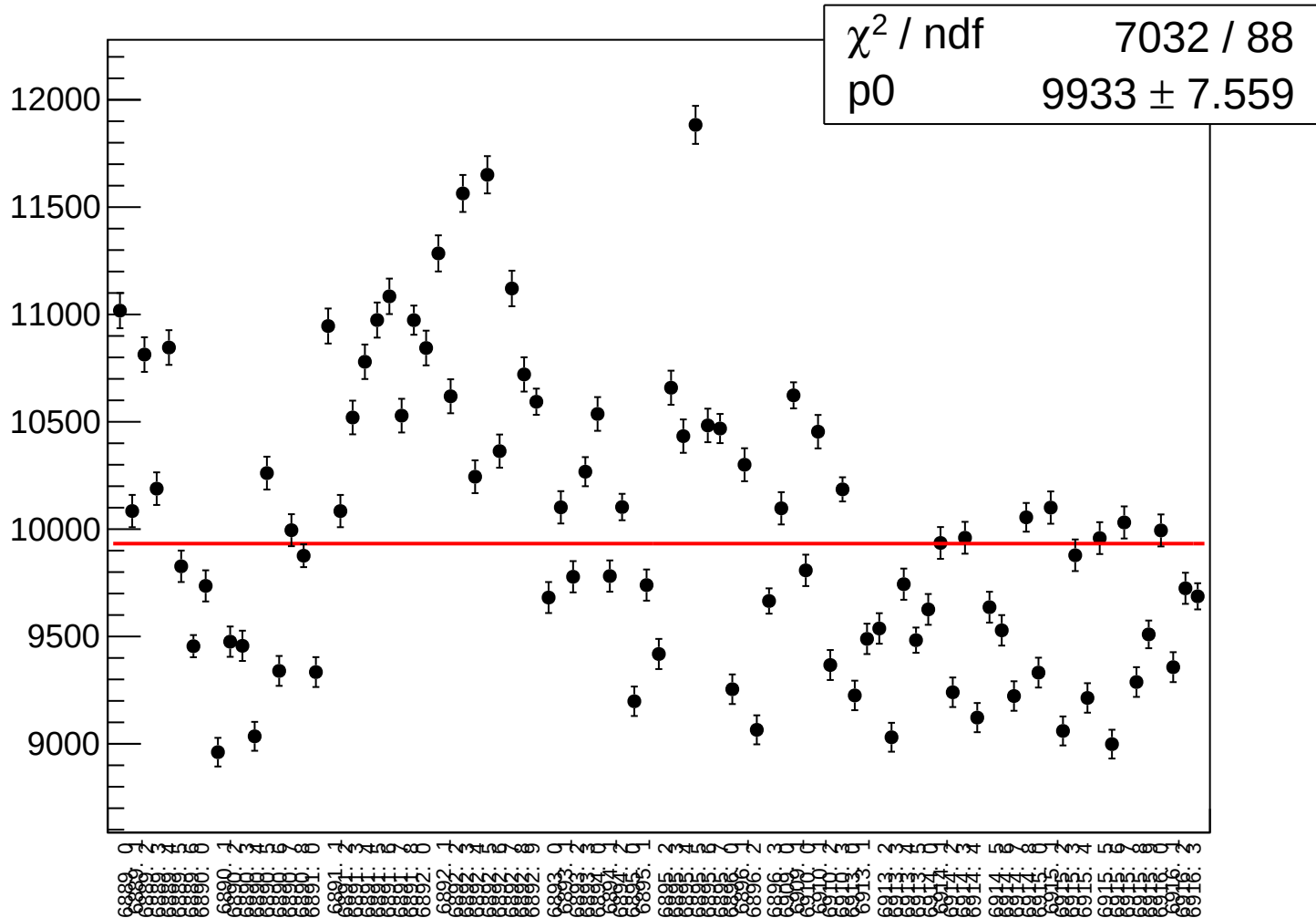
diff_bpm4ecX_mean vs run



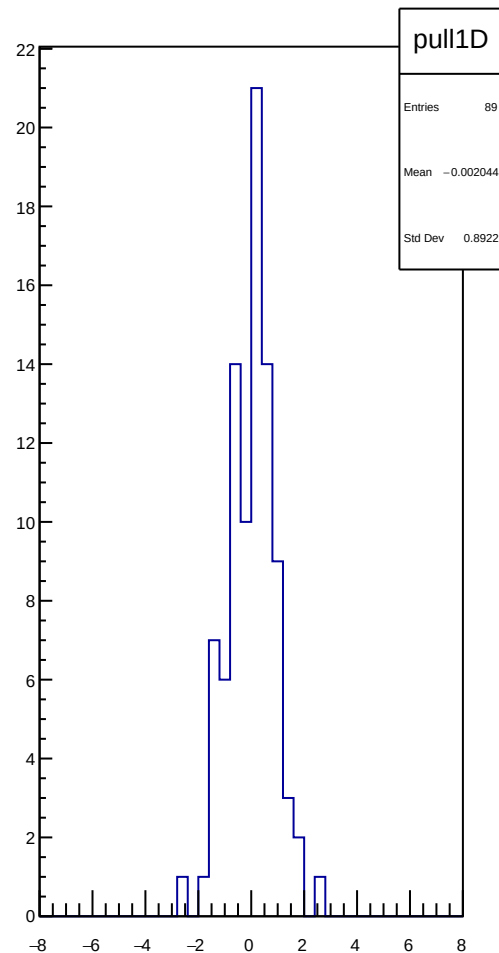
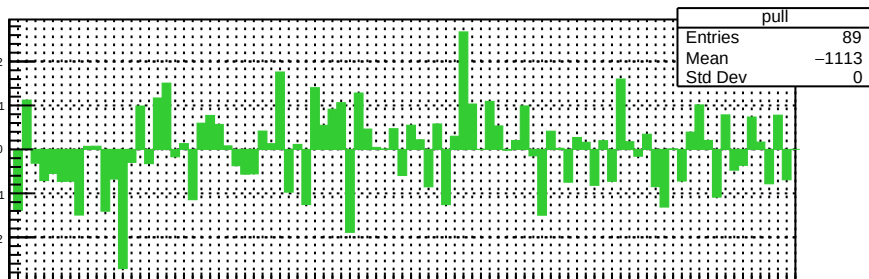
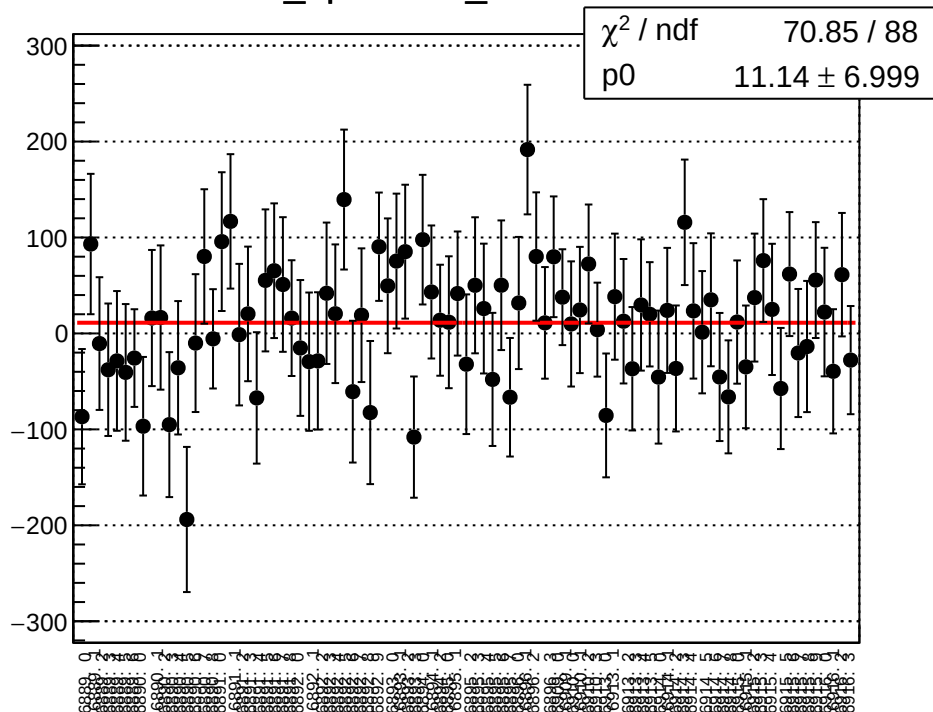
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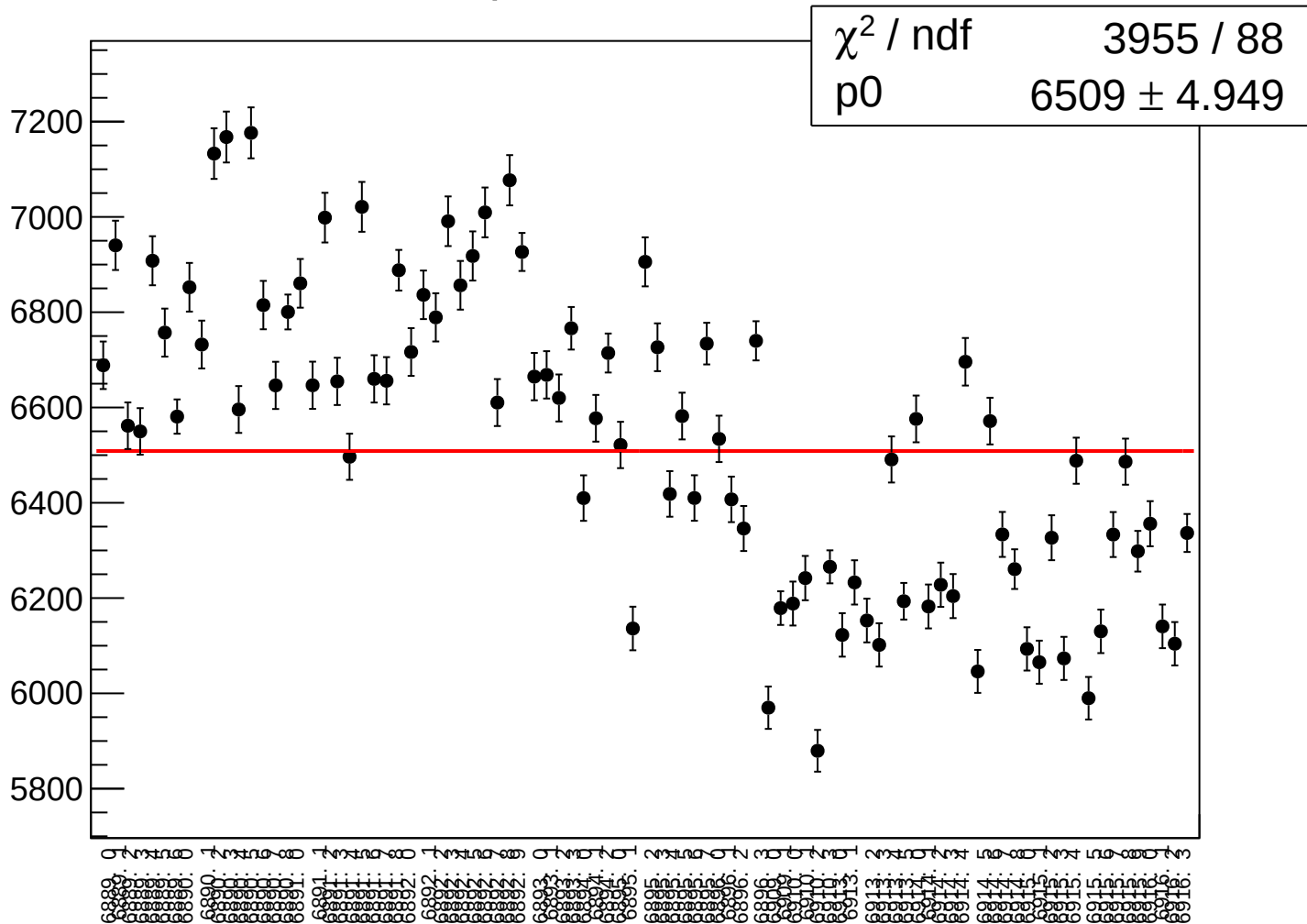
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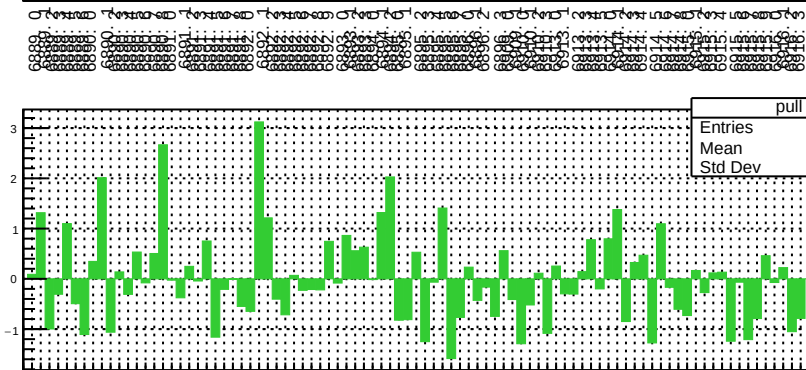
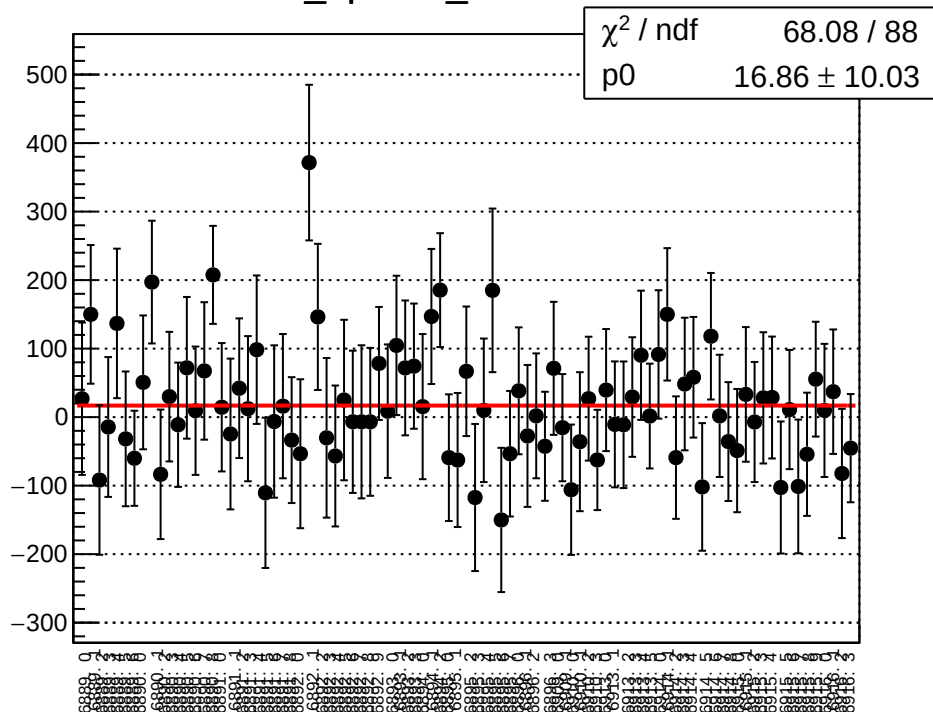
diff_bpm4ecY_mean vs run



diff_bpm4ecY_rms vs run

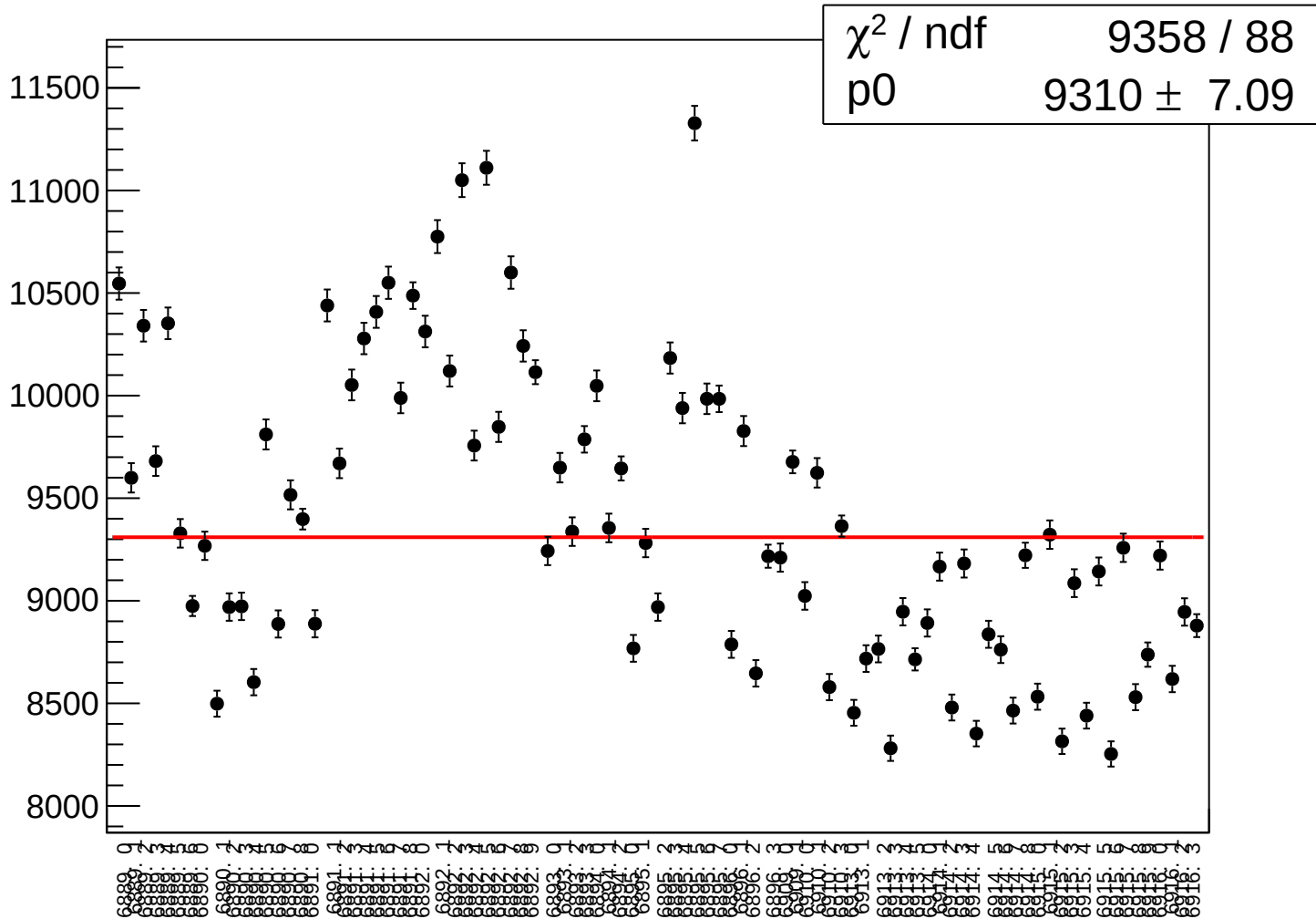


diff_bpm1X_mean vs run

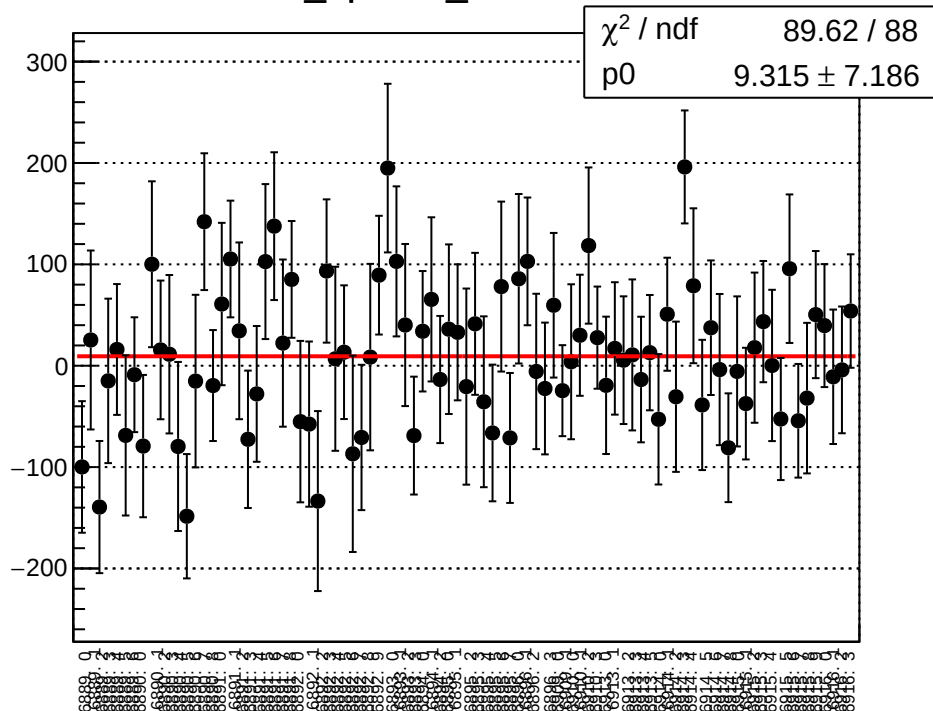


pull	
Entries	89
Mean	-1221
Std Dev	0

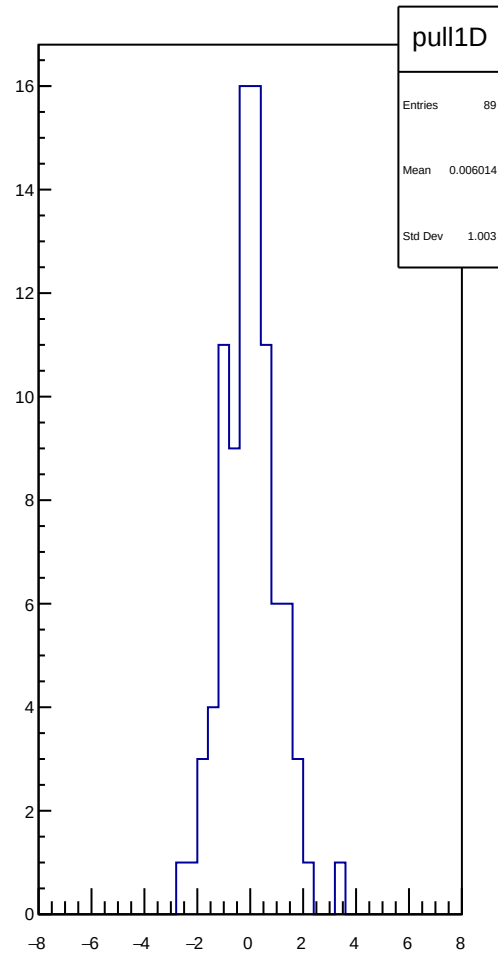
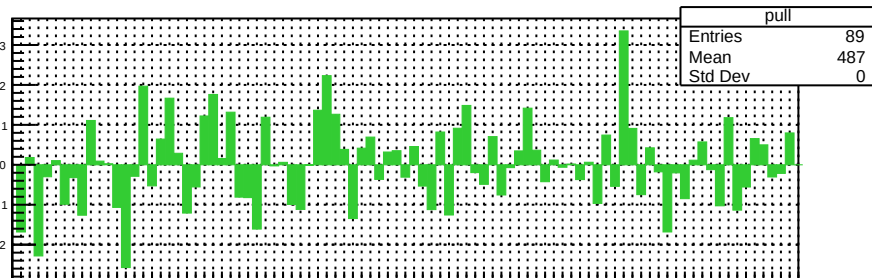
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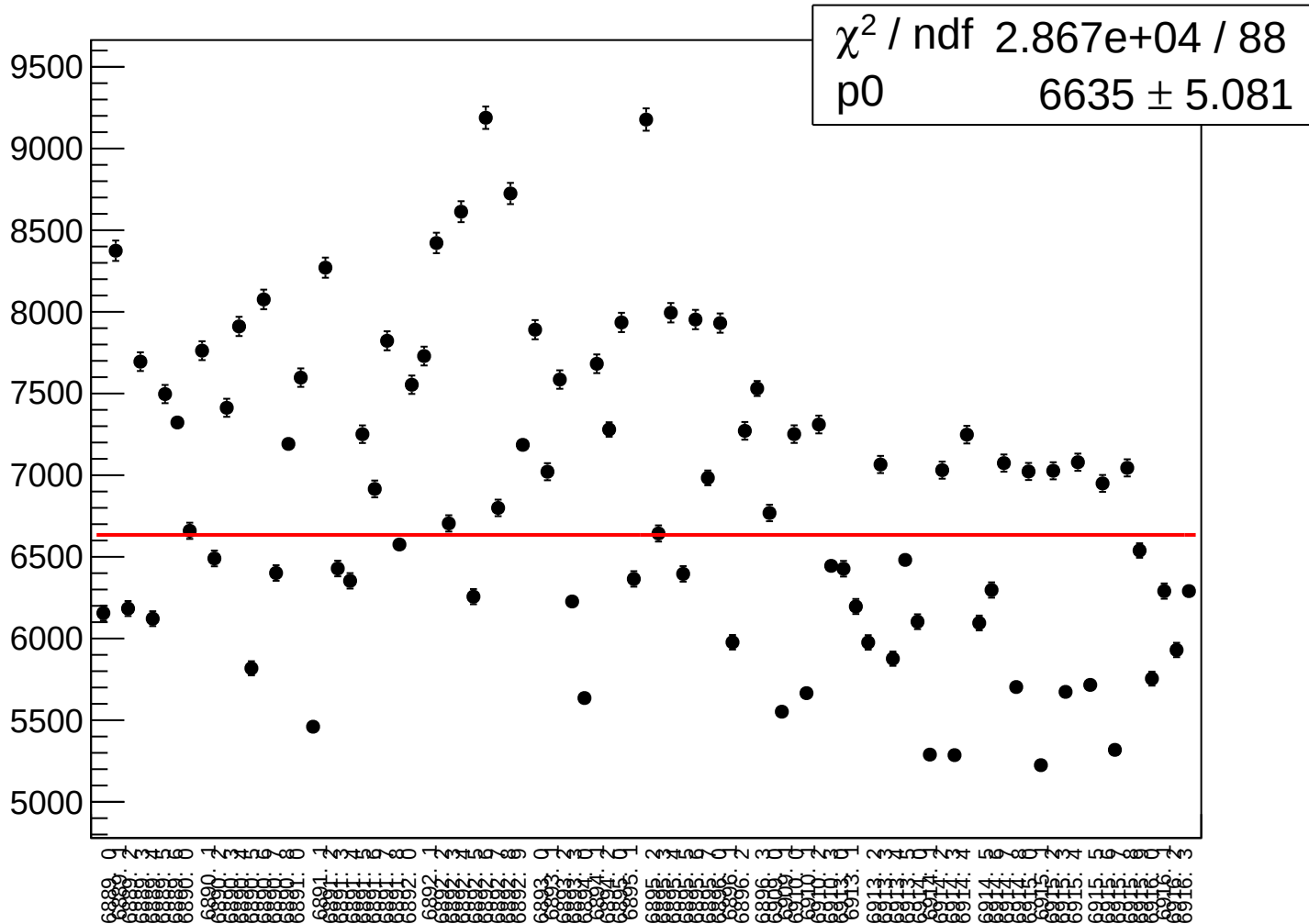
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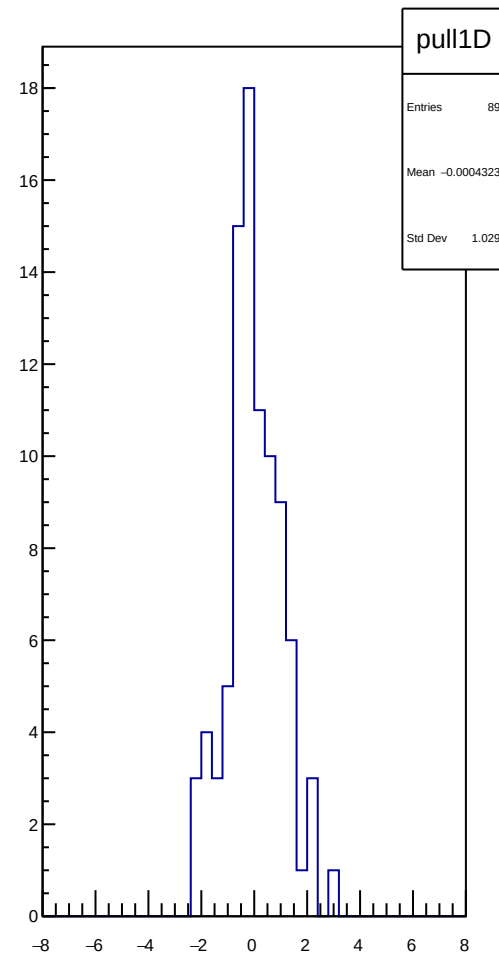
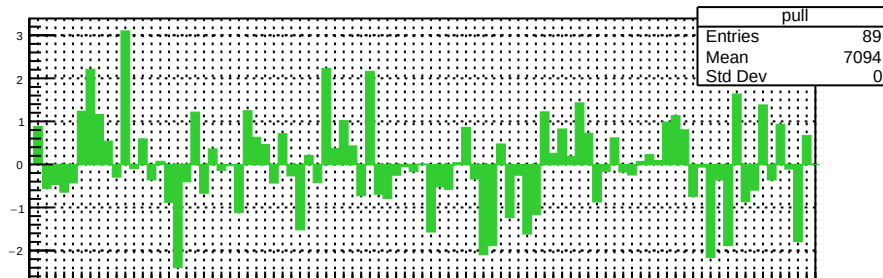
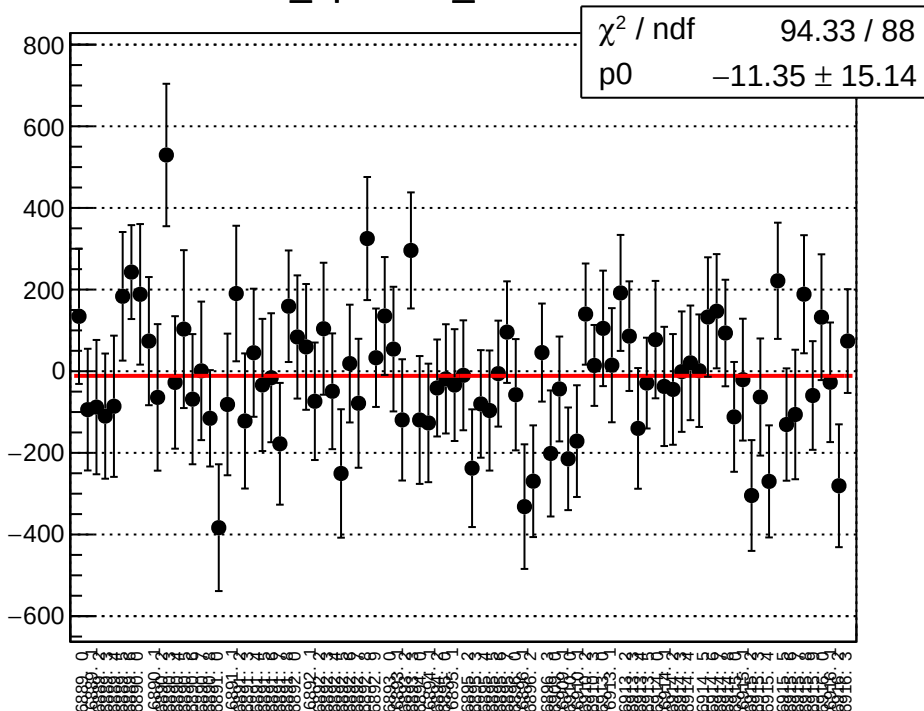
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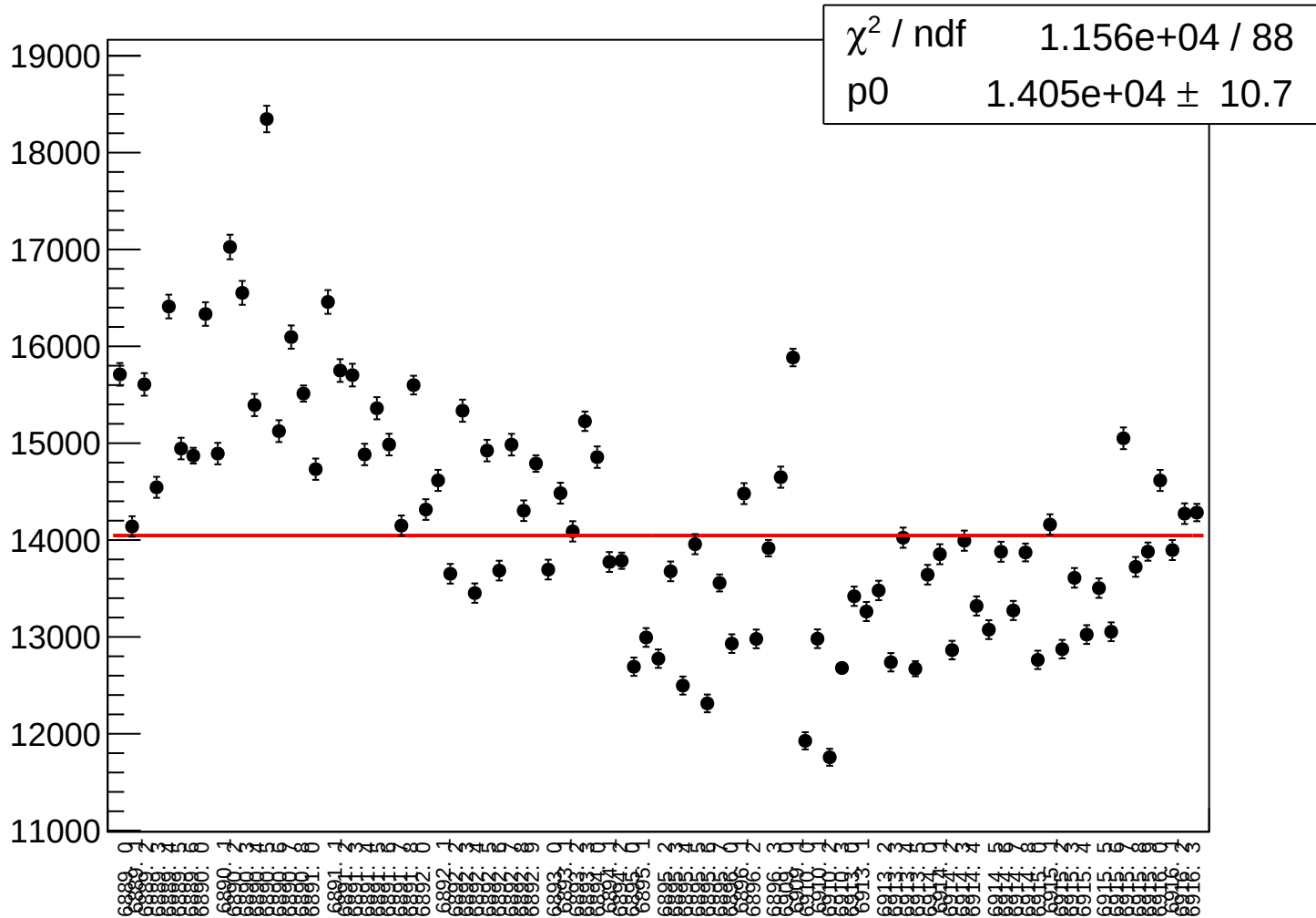
diff_bpm1Y_rms vs run



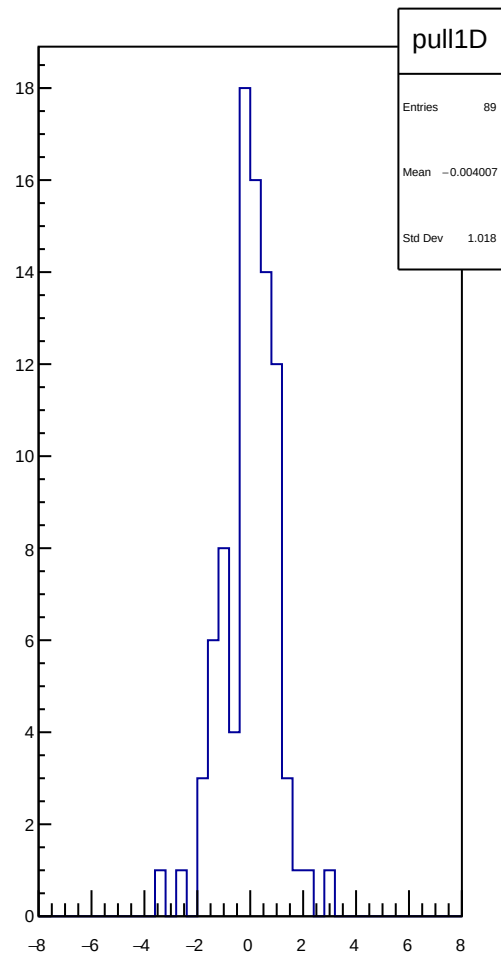
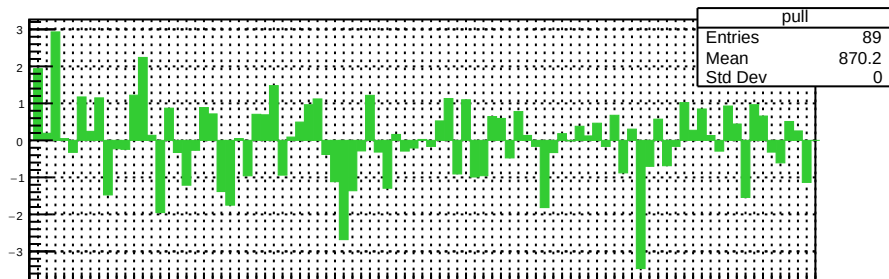
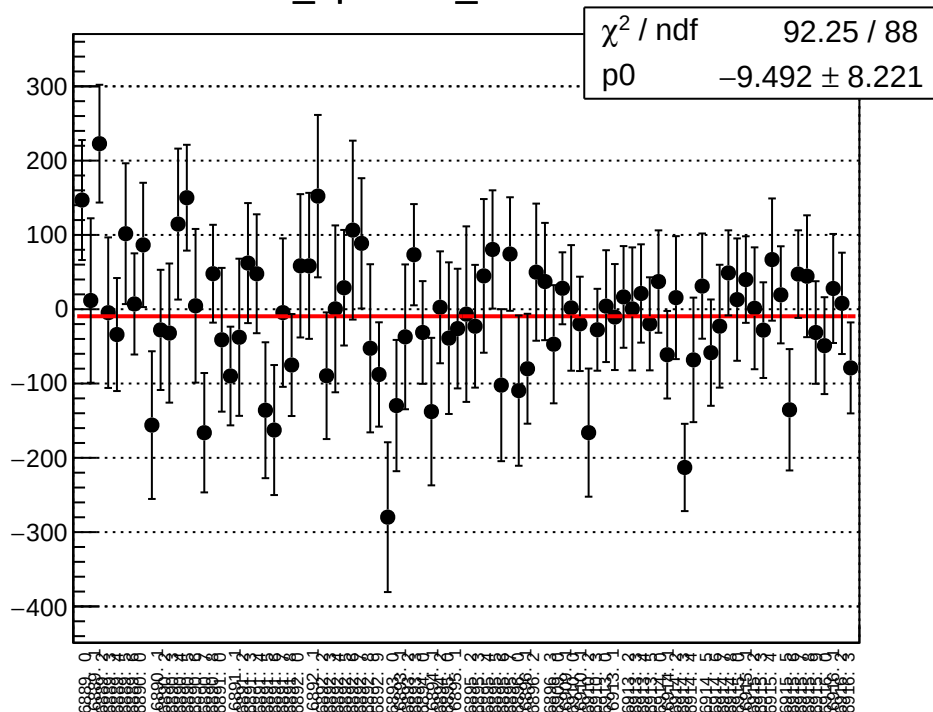
diff_bpm11X_mean vs run



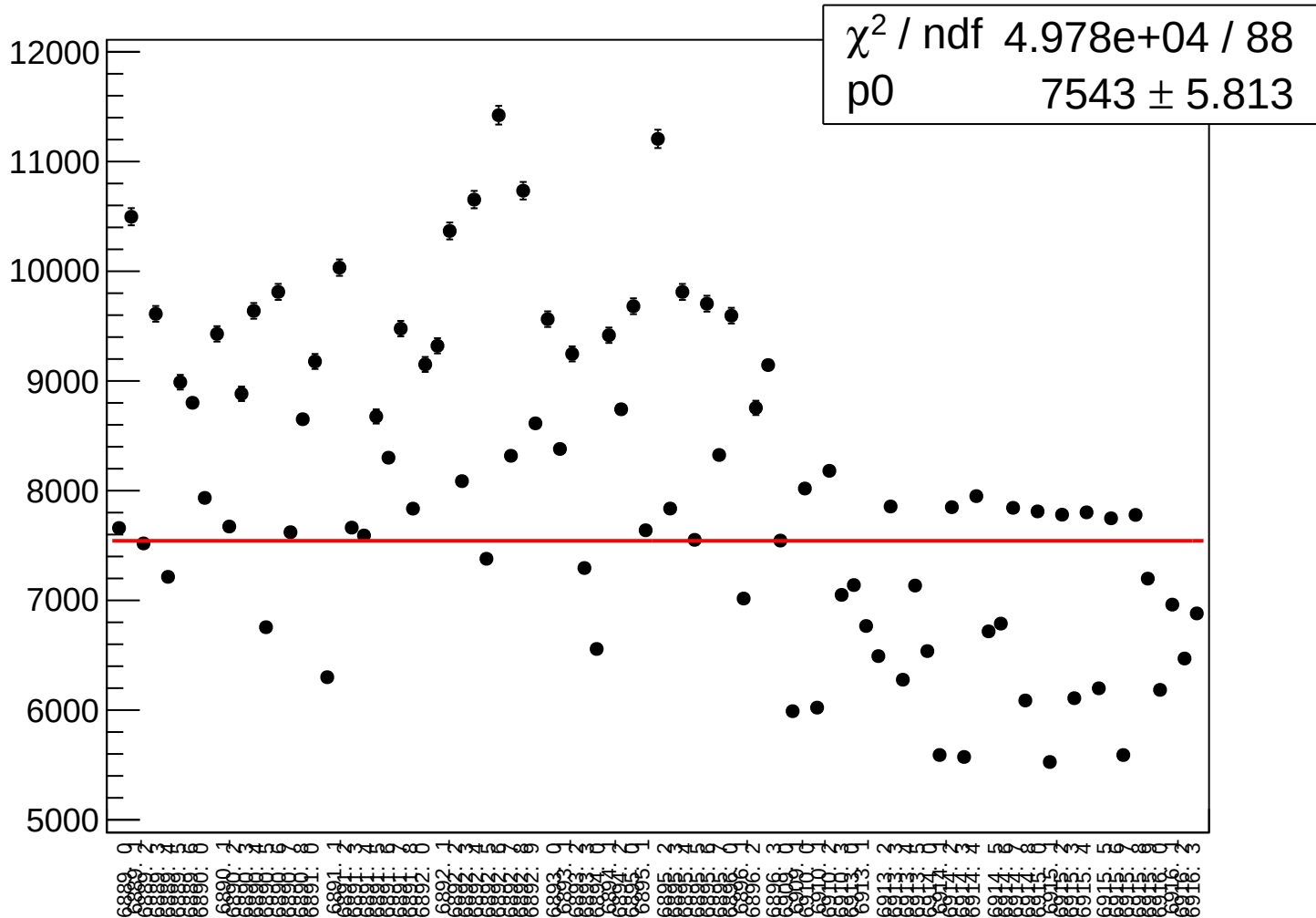
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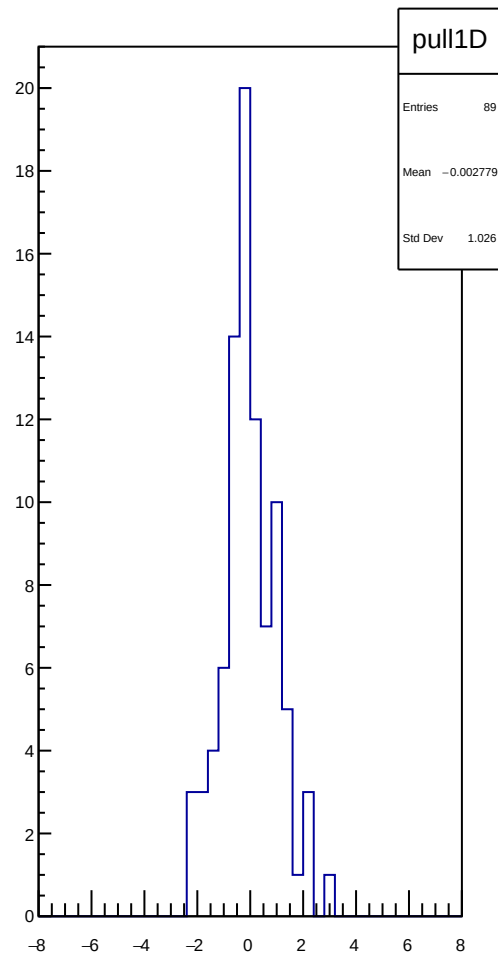
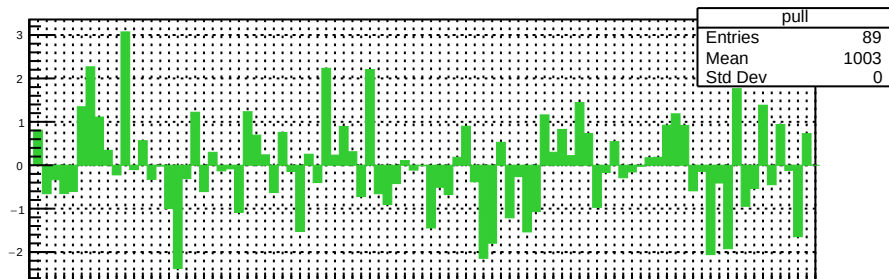
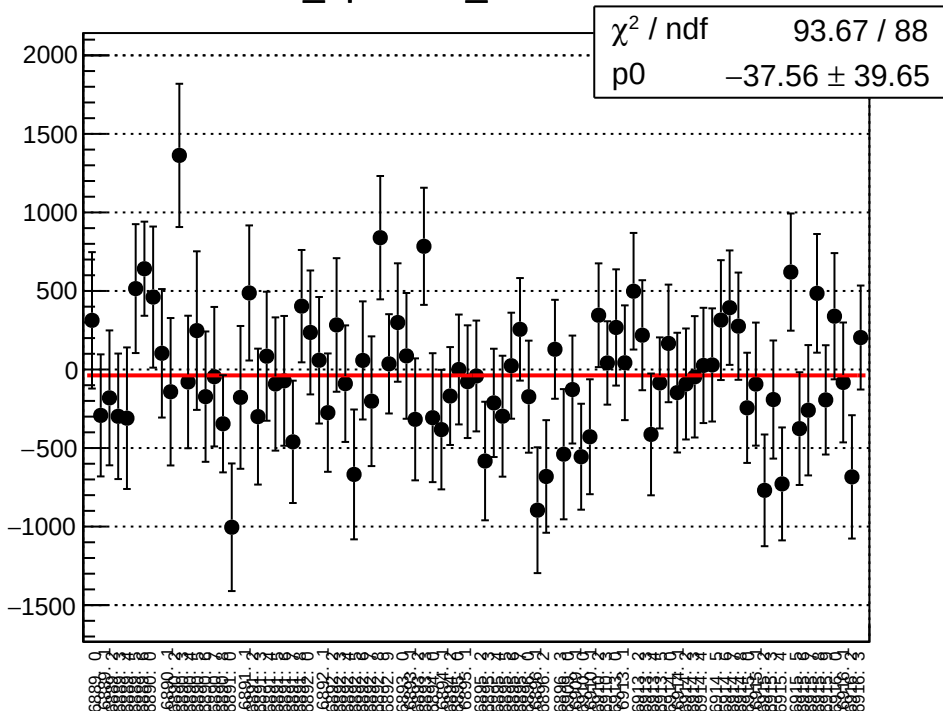
diff_bpm11Y_mean vs un



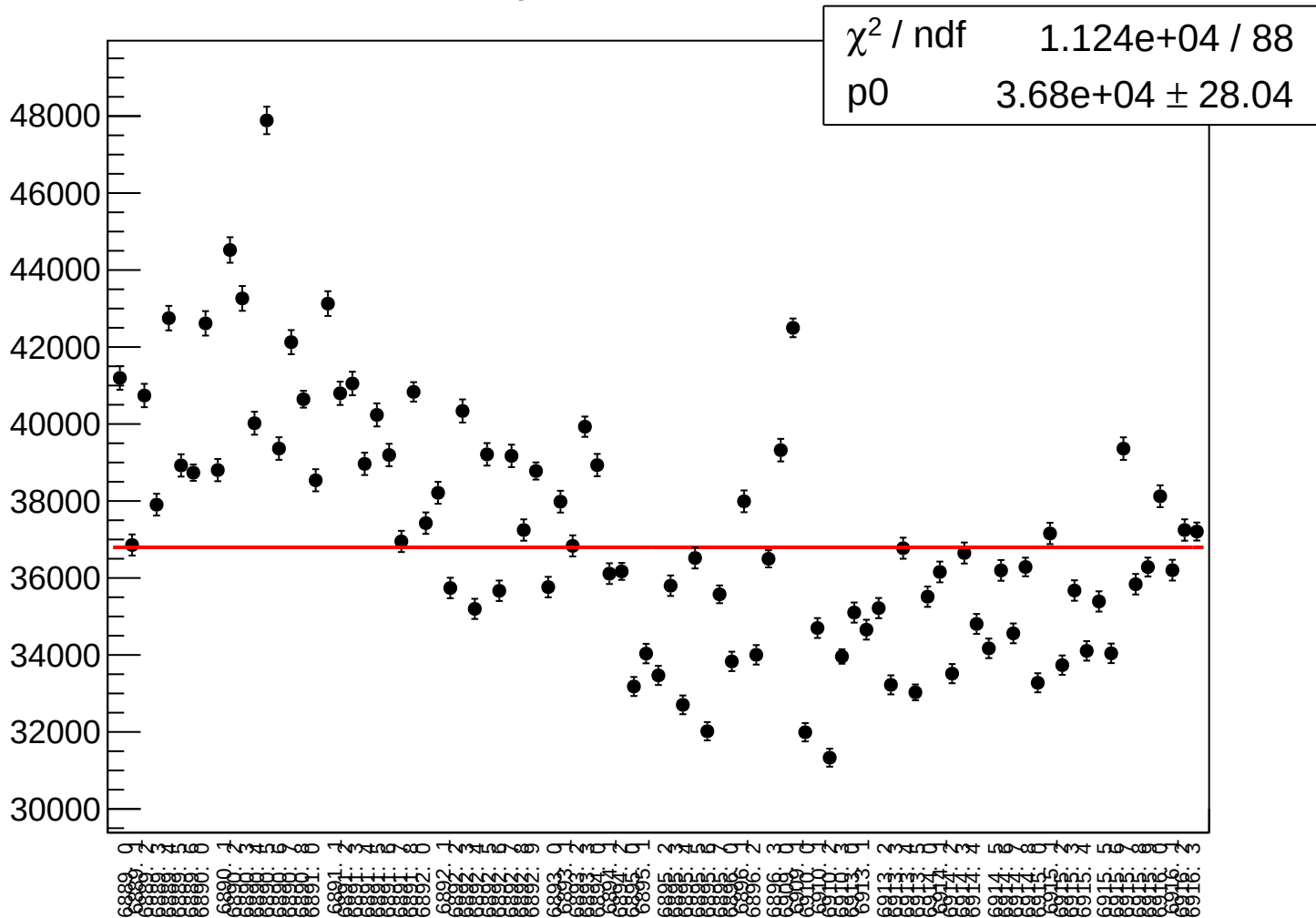
diff_bpm11Y_rms vs run



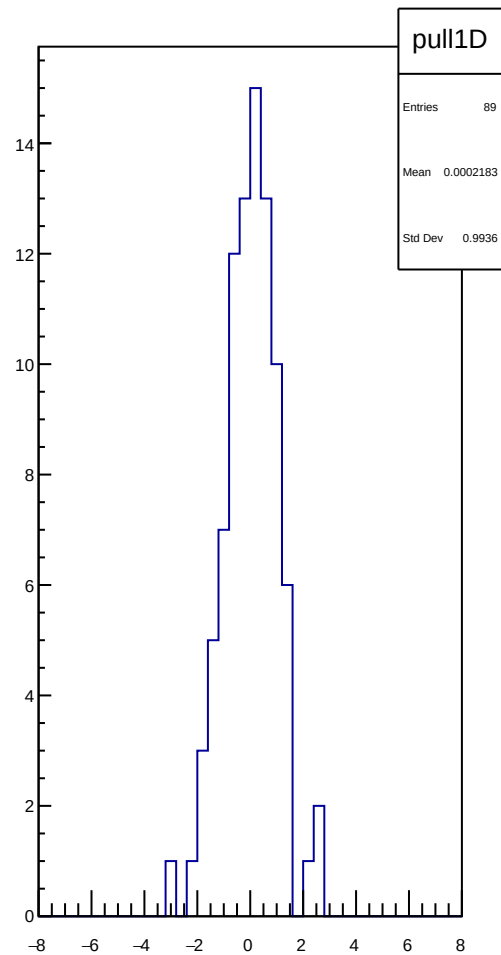
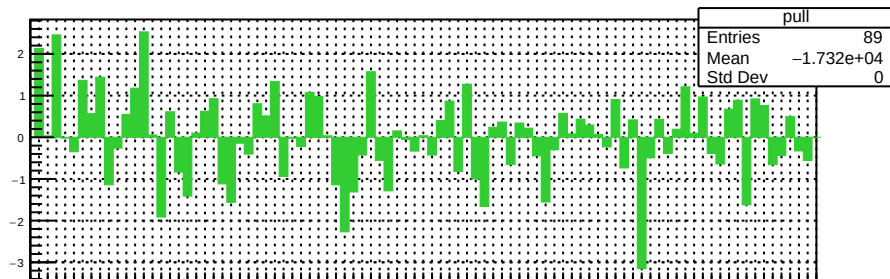
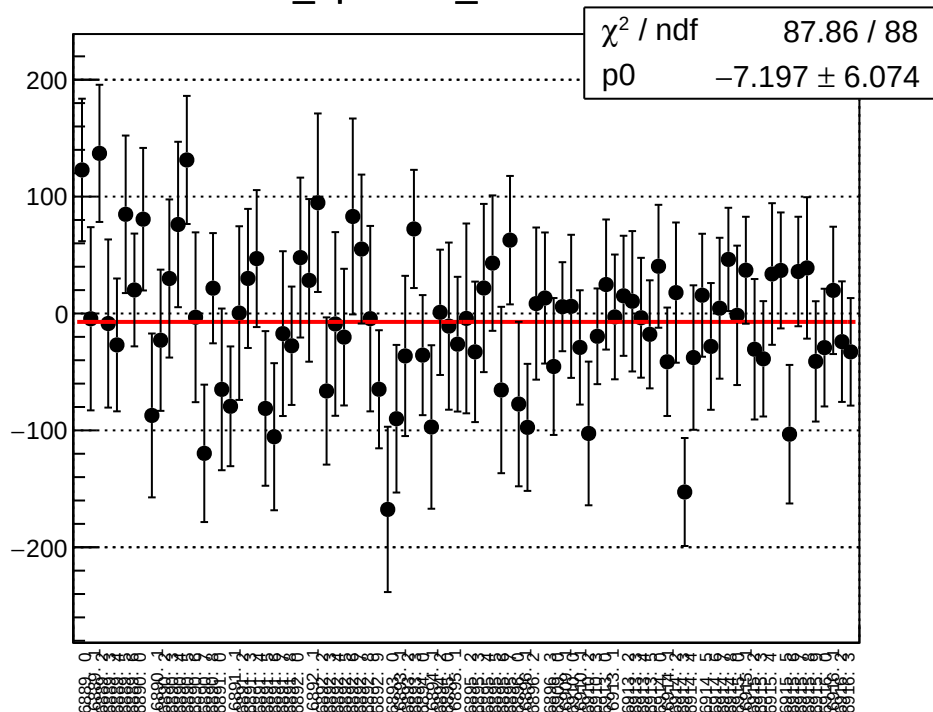
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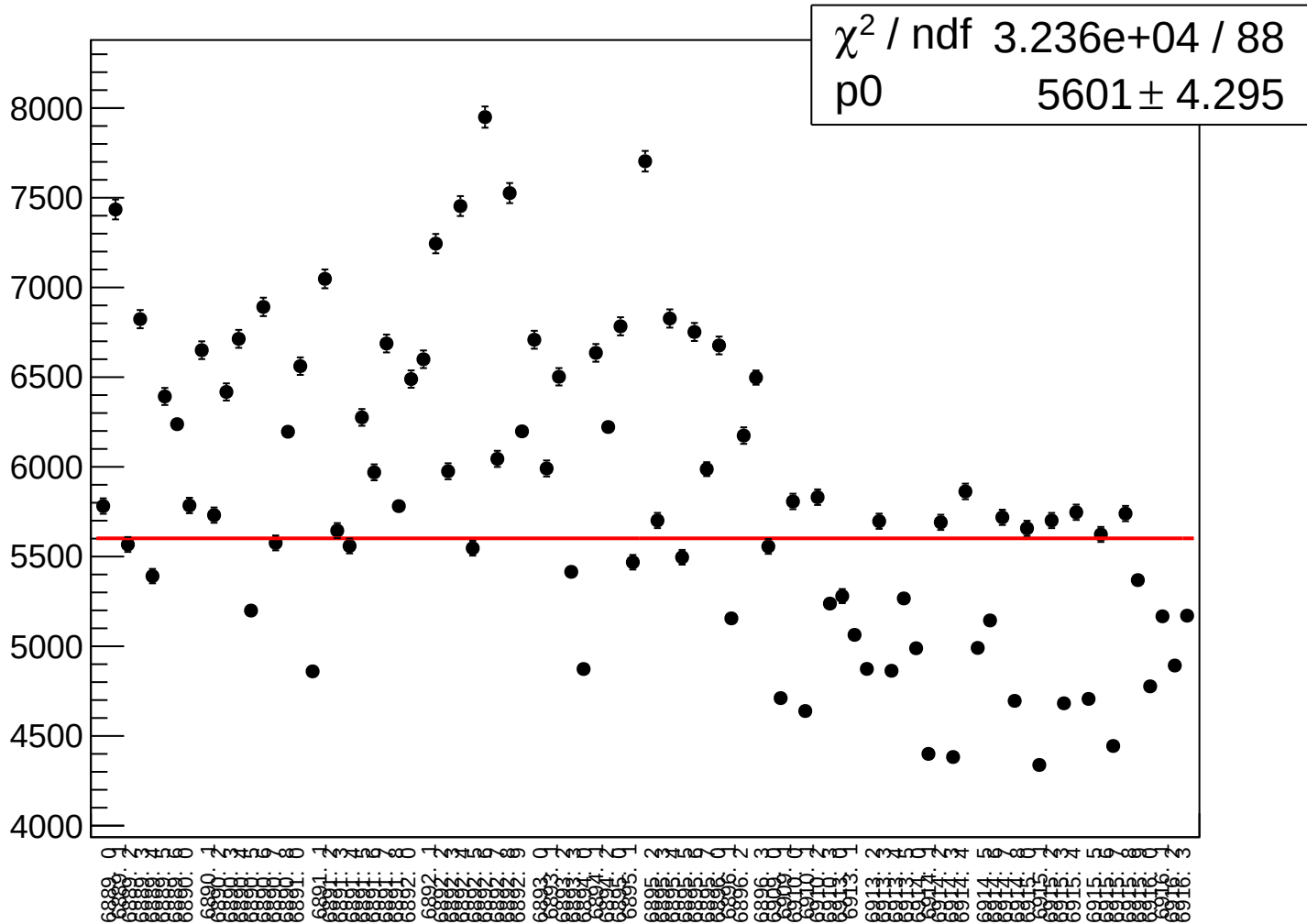
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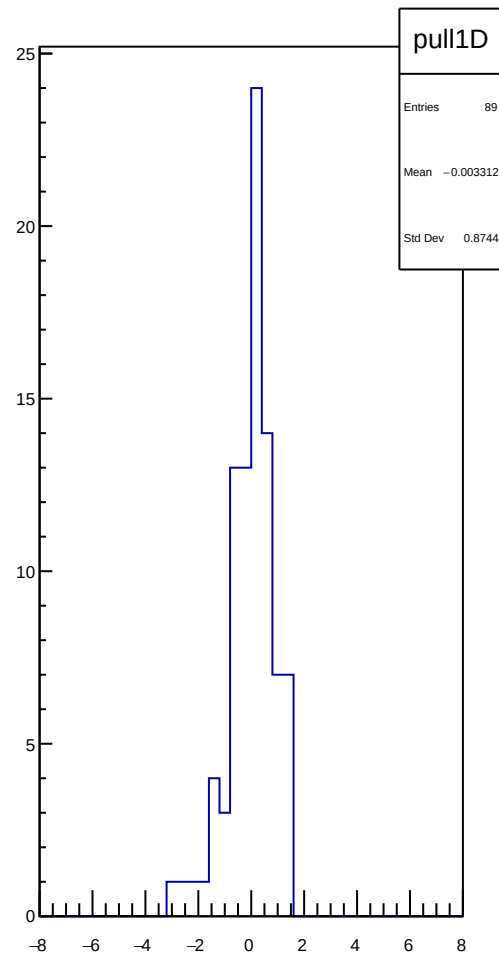
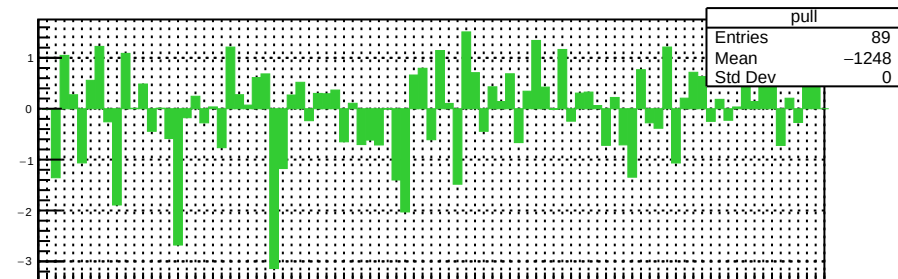
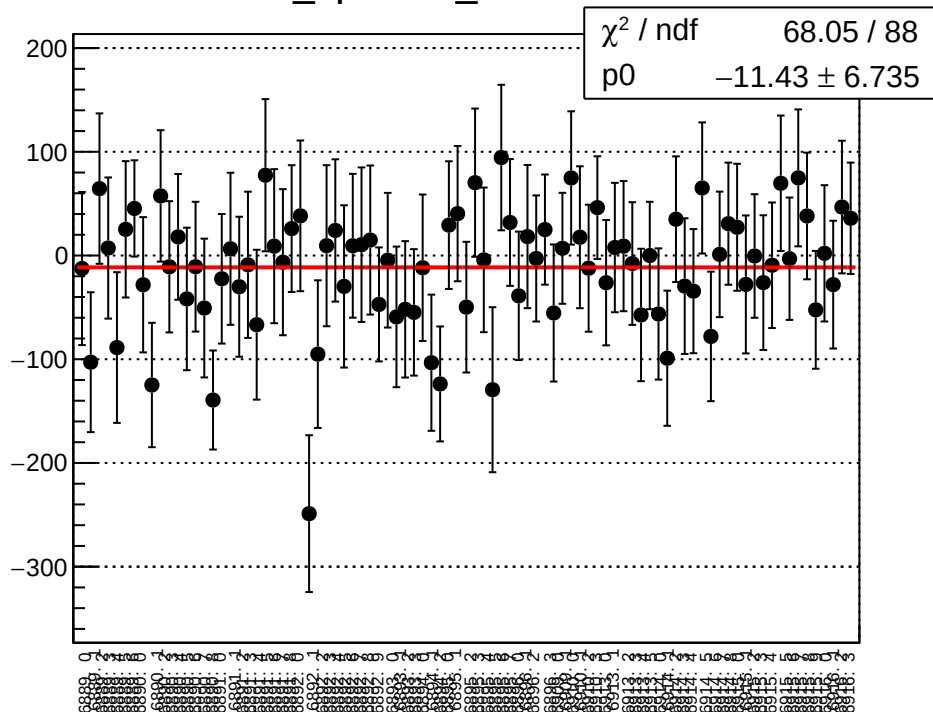
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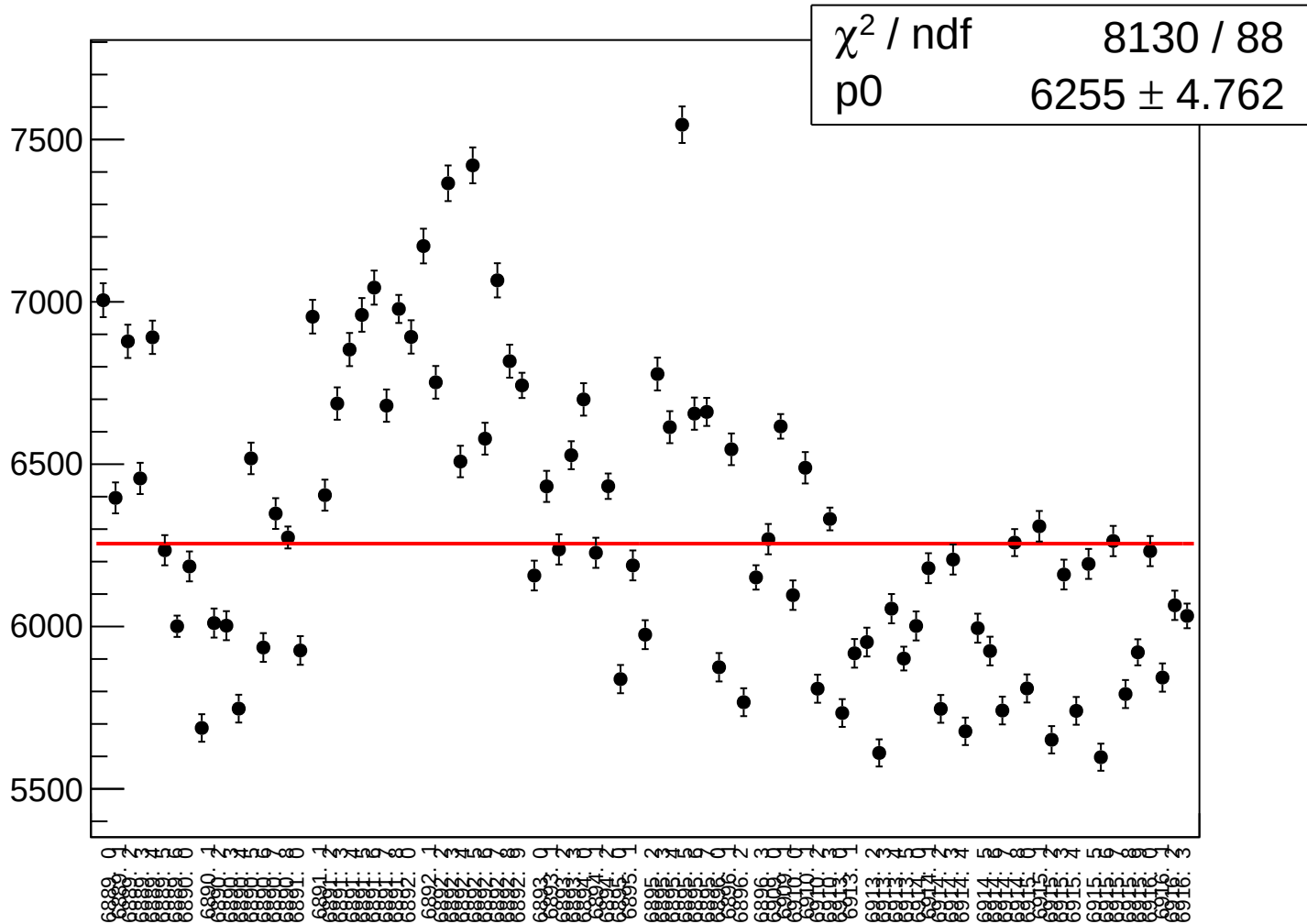
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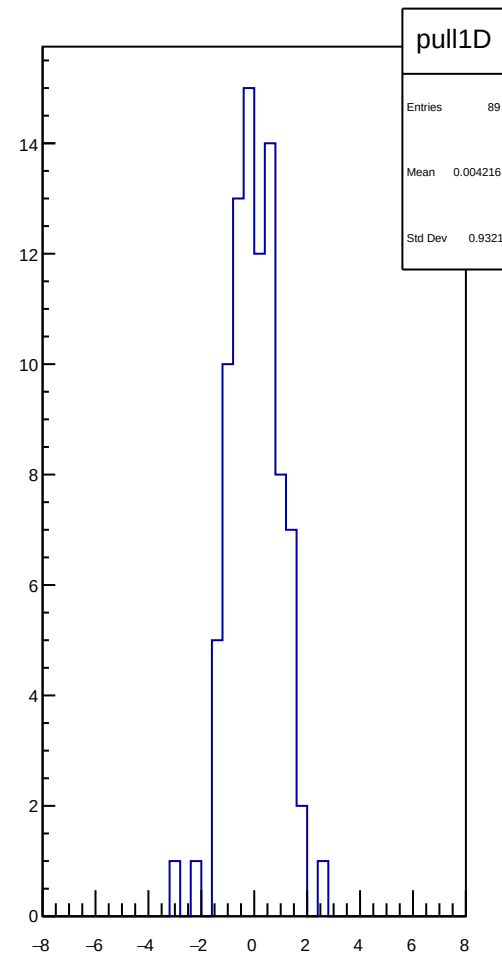
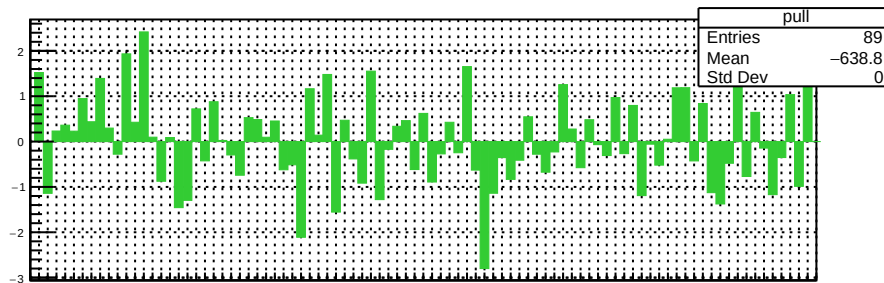
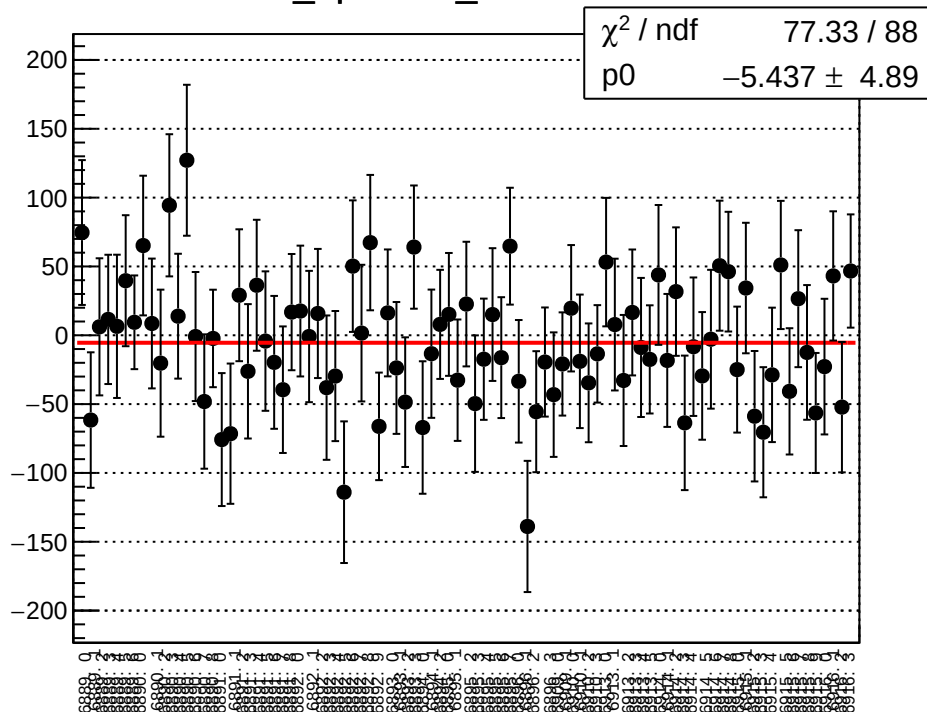
diff_bpm16X_mean vs run



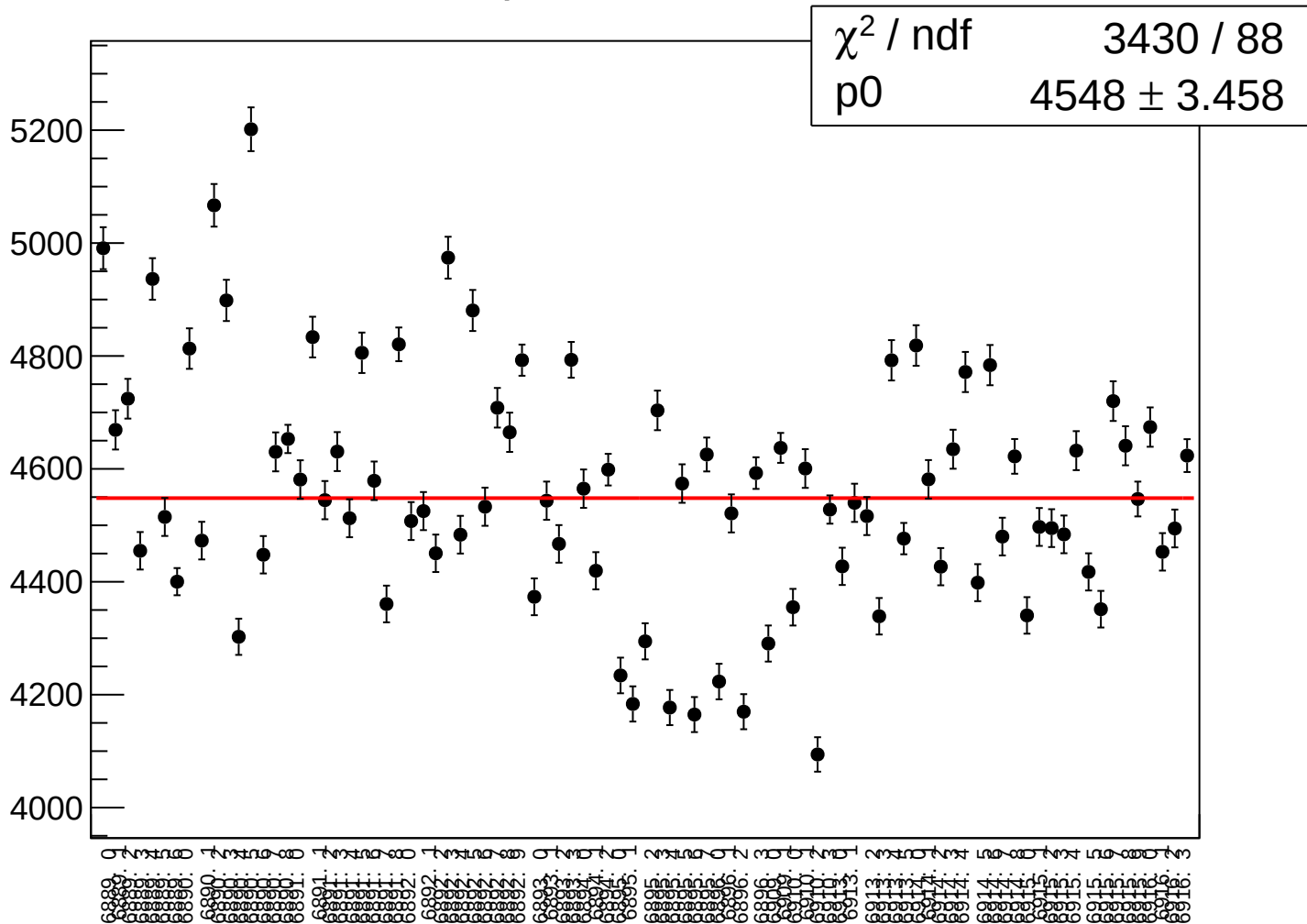
diff_bpm16X_rms vs run



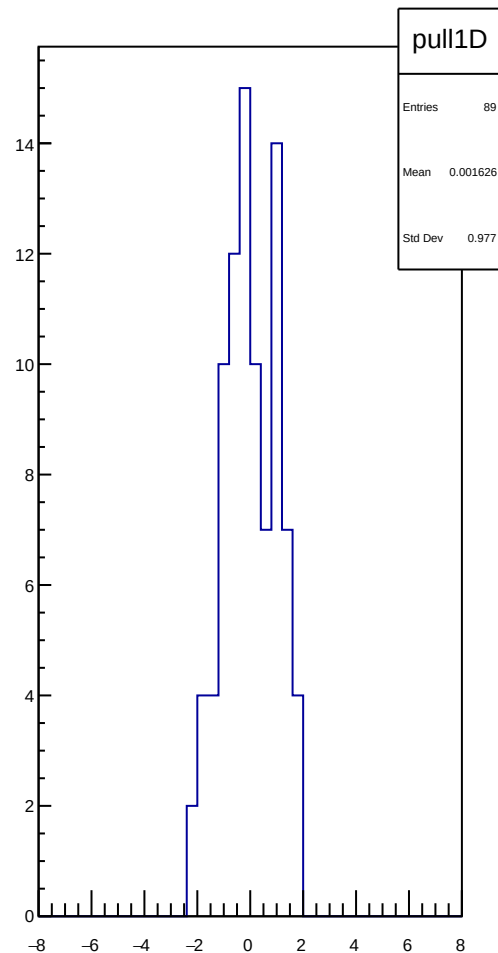
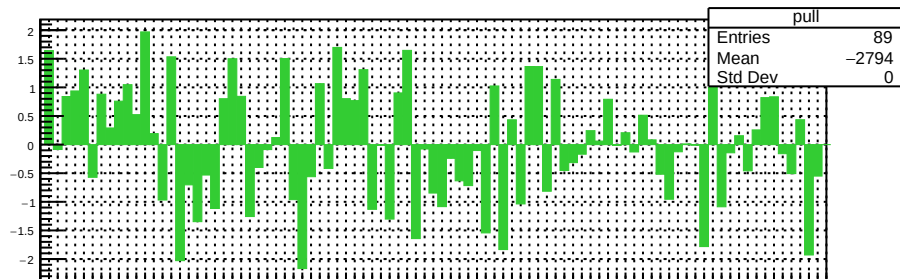
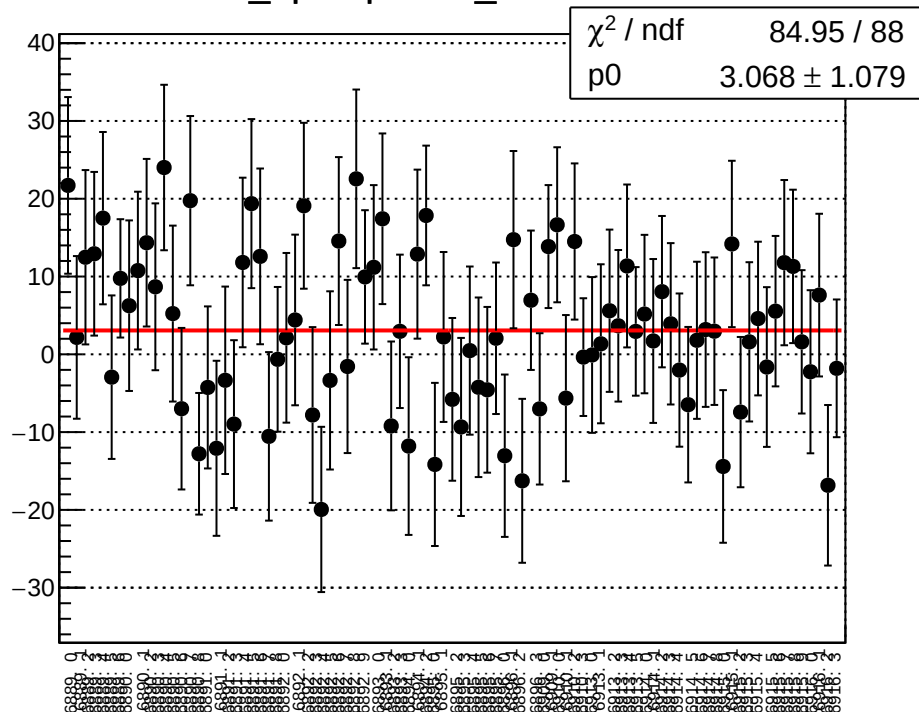
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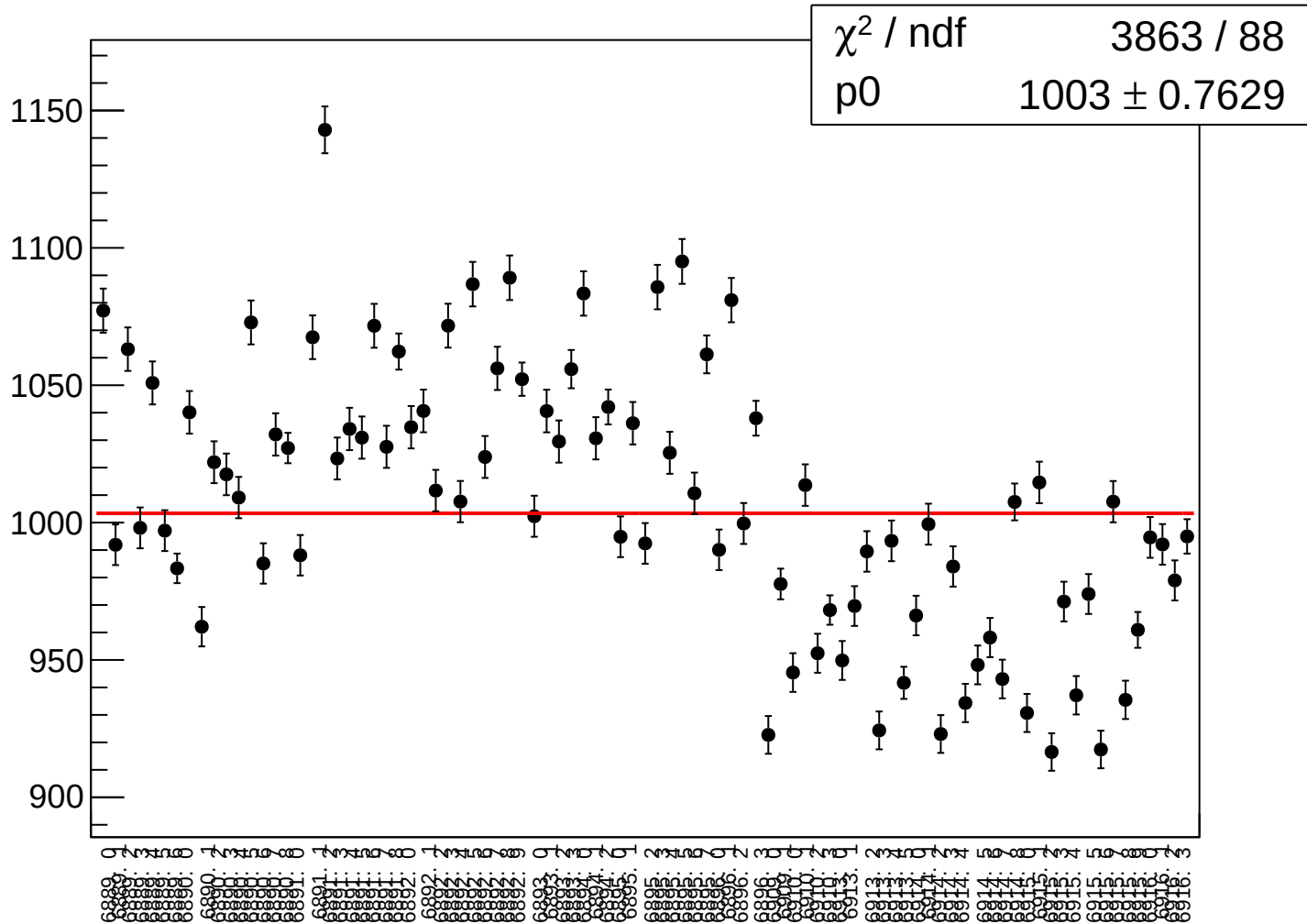
diff_bpm16Y_rms vs run



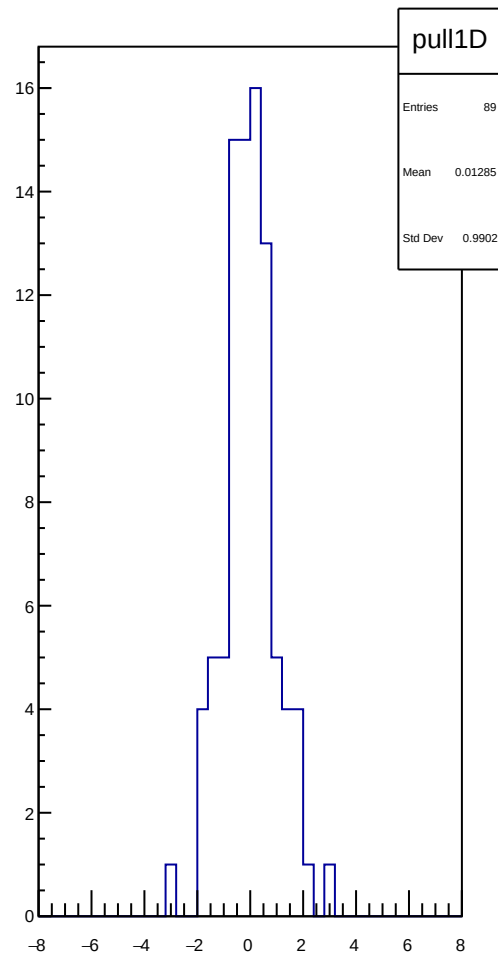
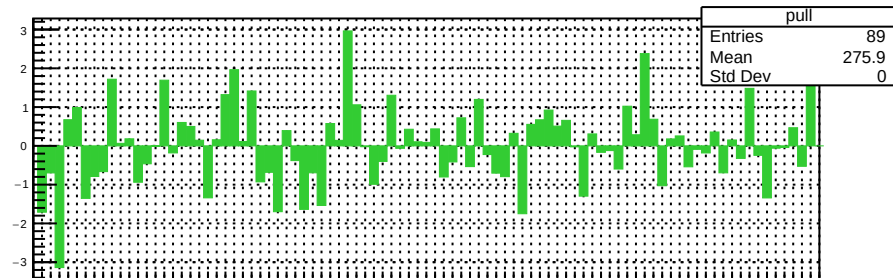
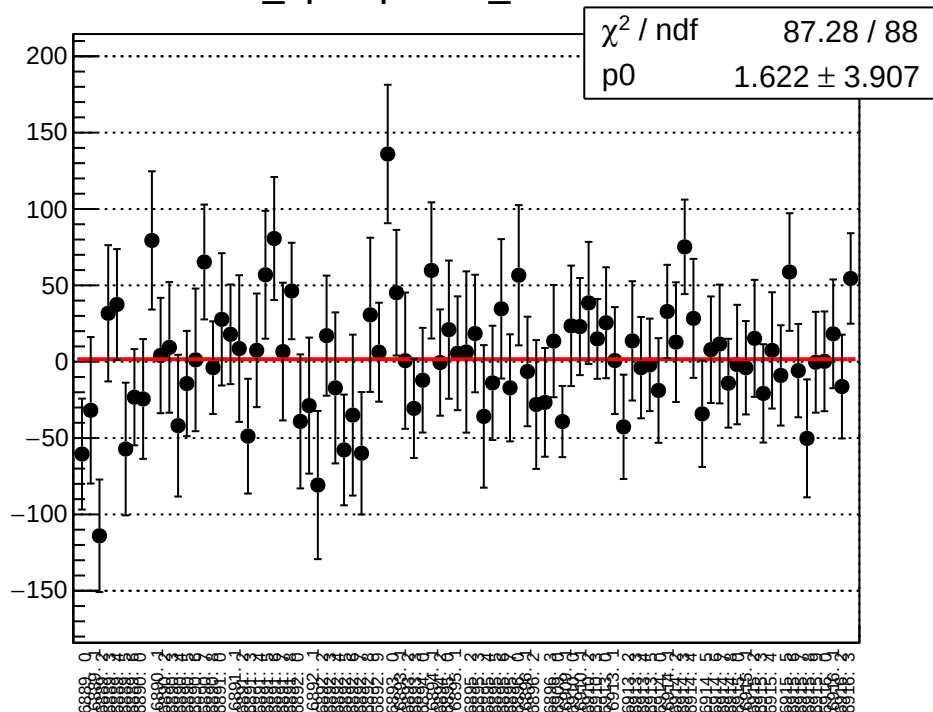
diff_bpm1p02bX_mean vs run



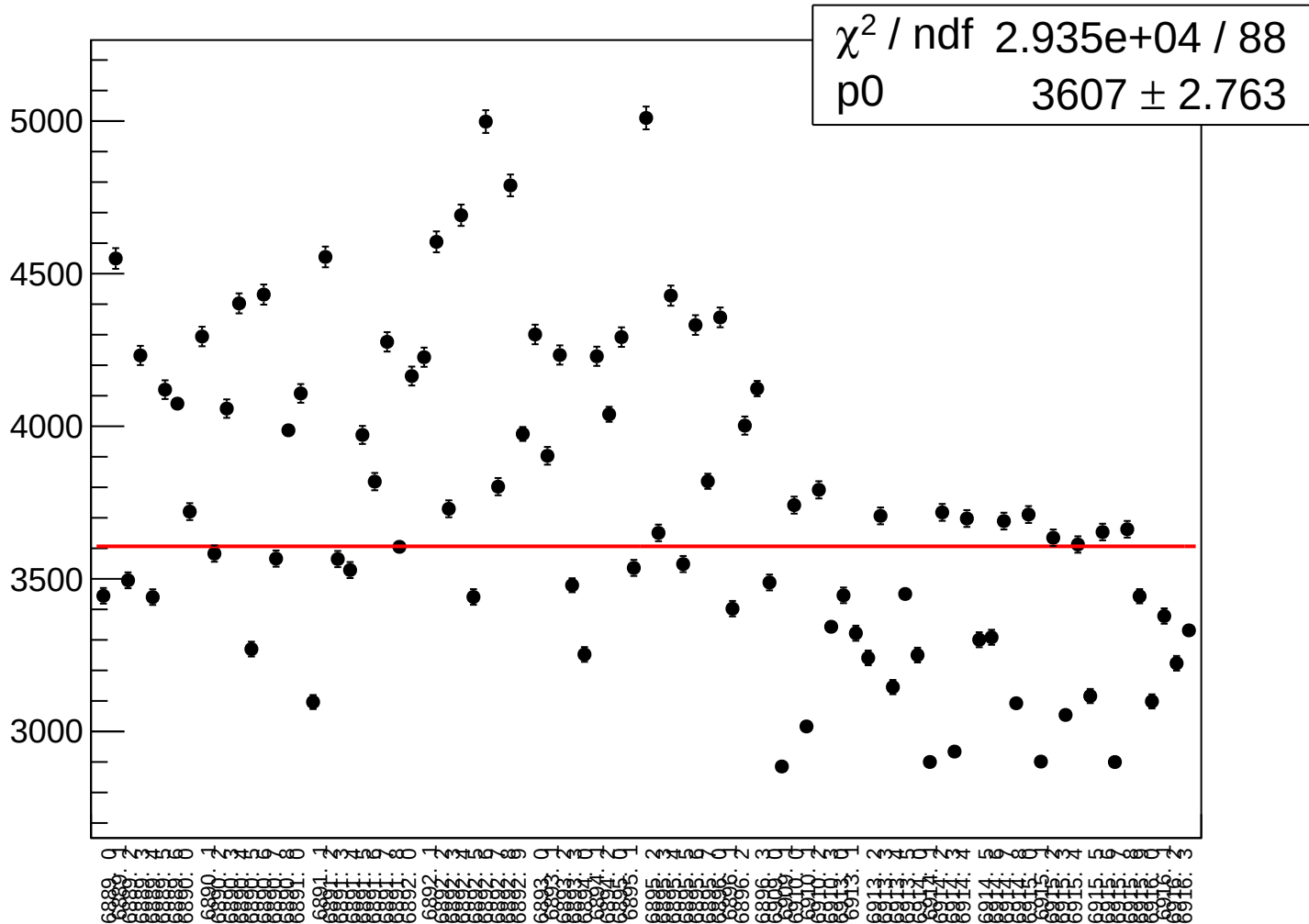
diff_bpm1p02bX_rms vs run



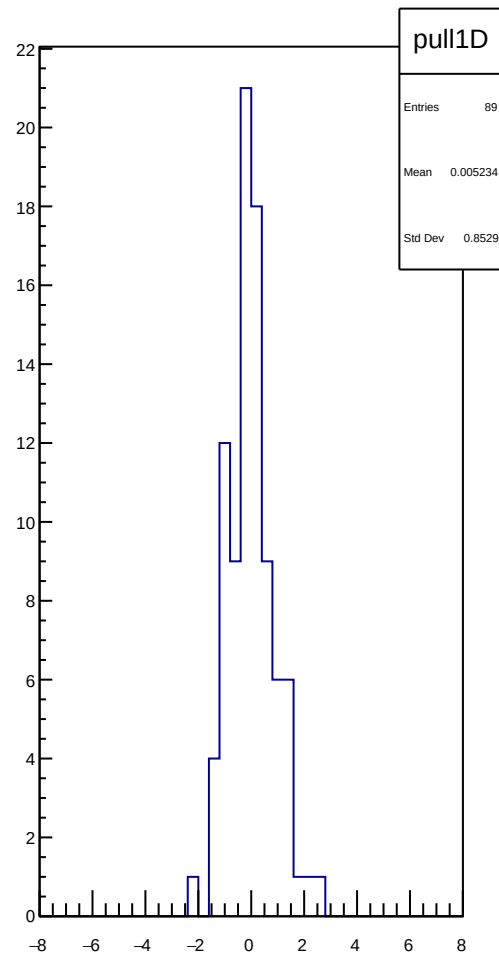
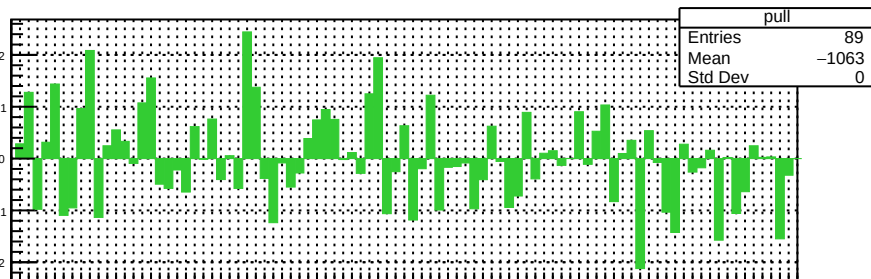
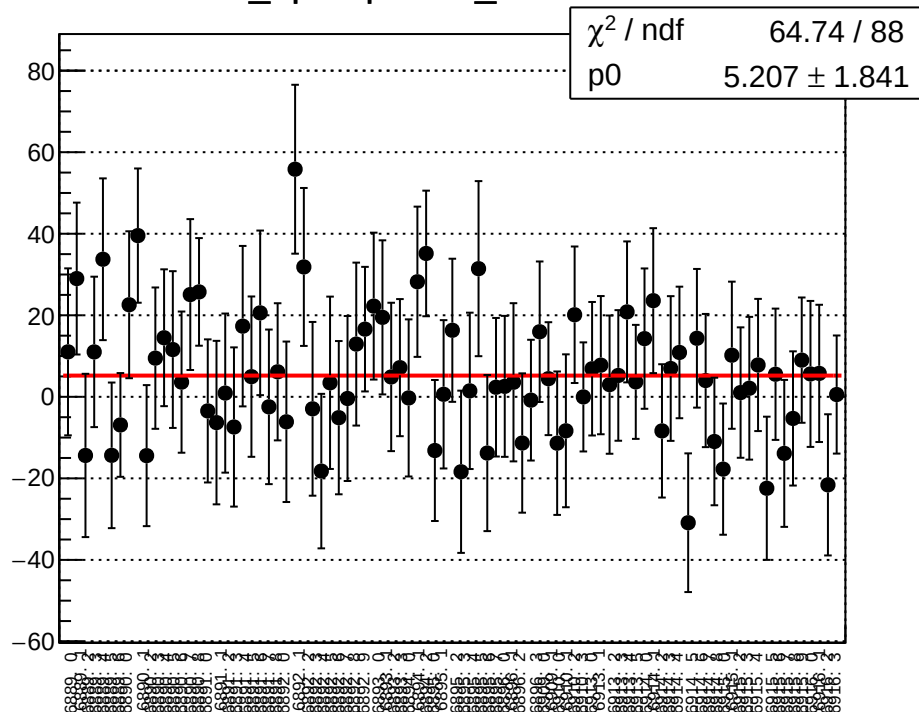
diff_bpm1p02bY_mean vs run



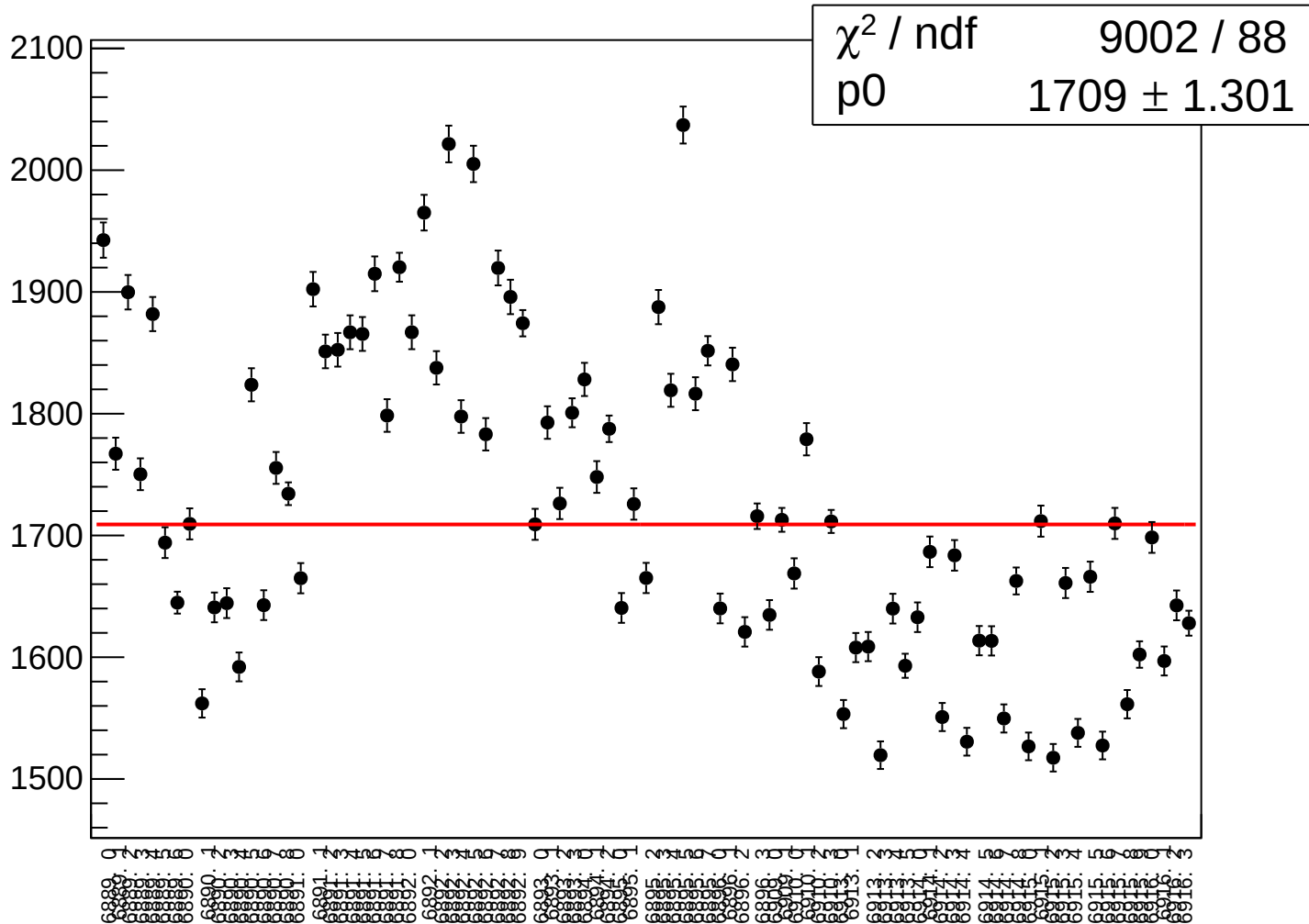
diff_bpm1p02bY_rms vs run



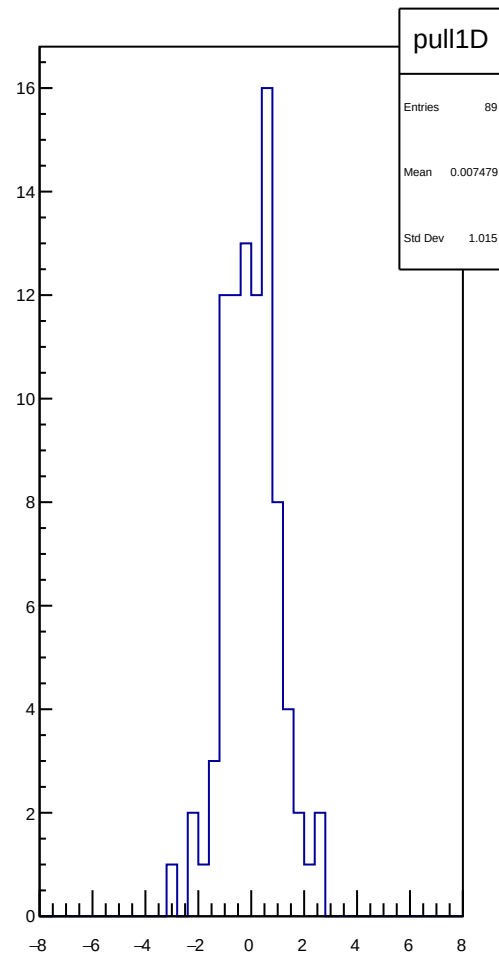
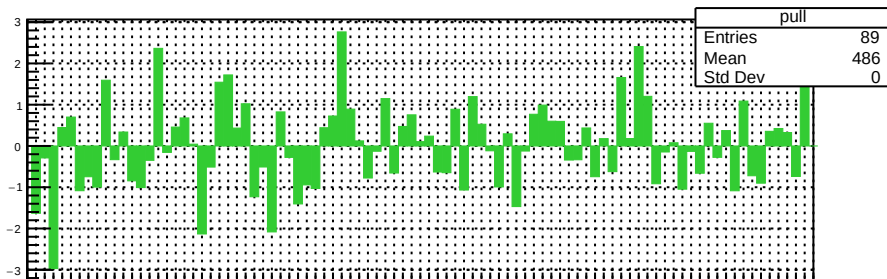
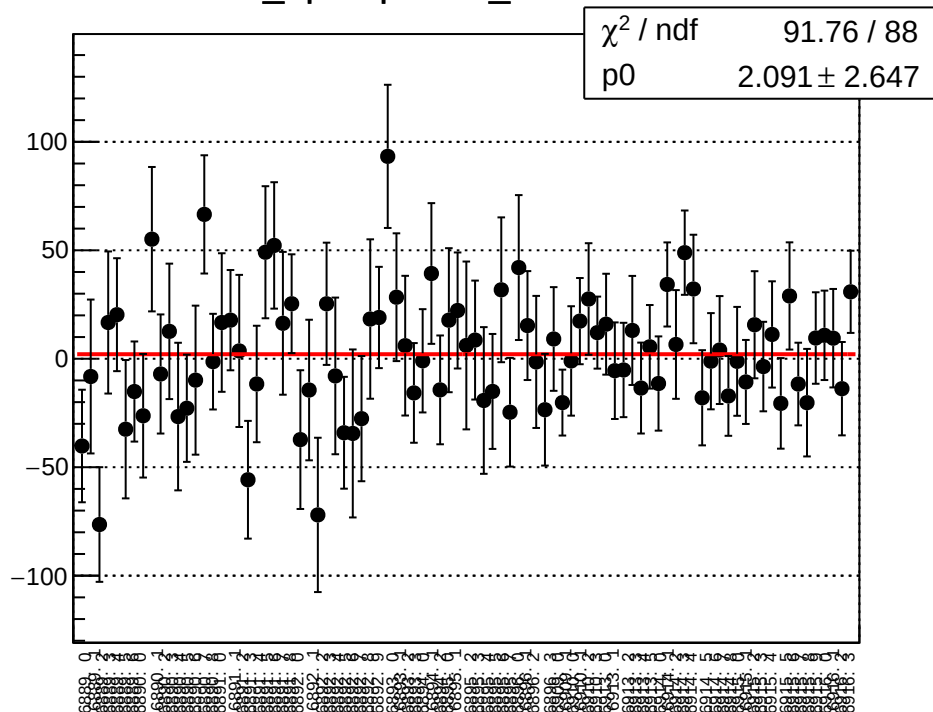
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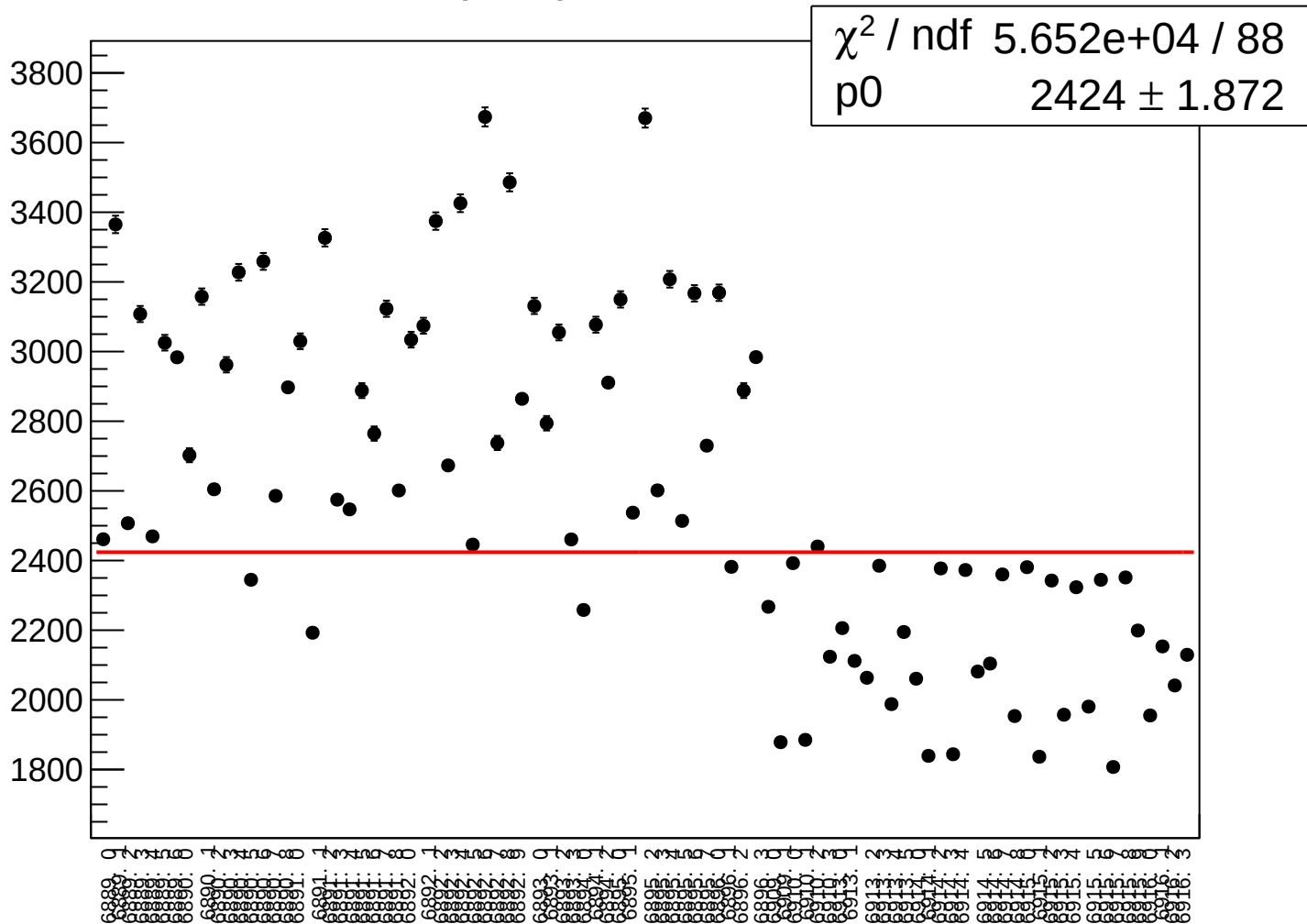
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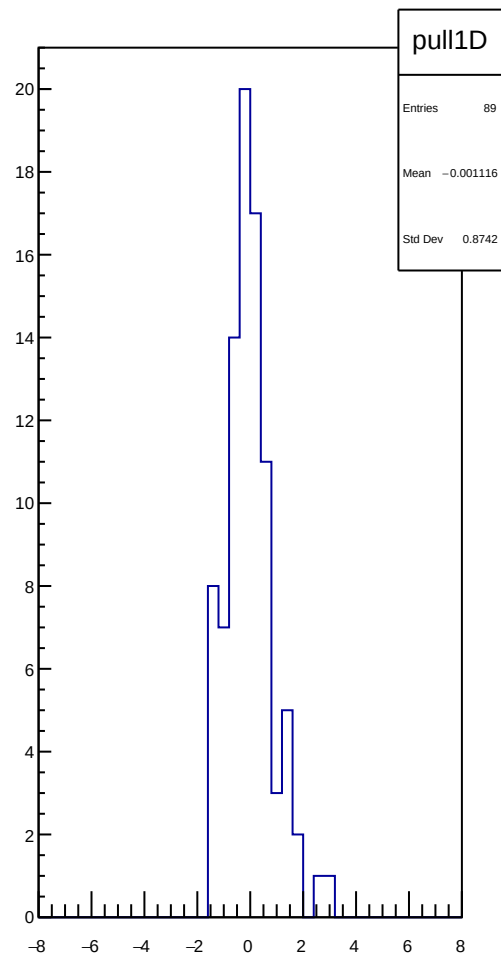
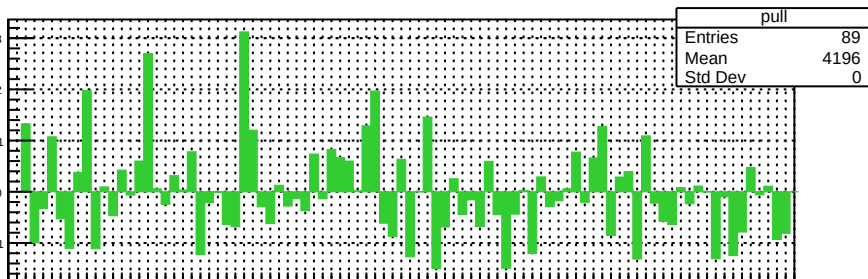
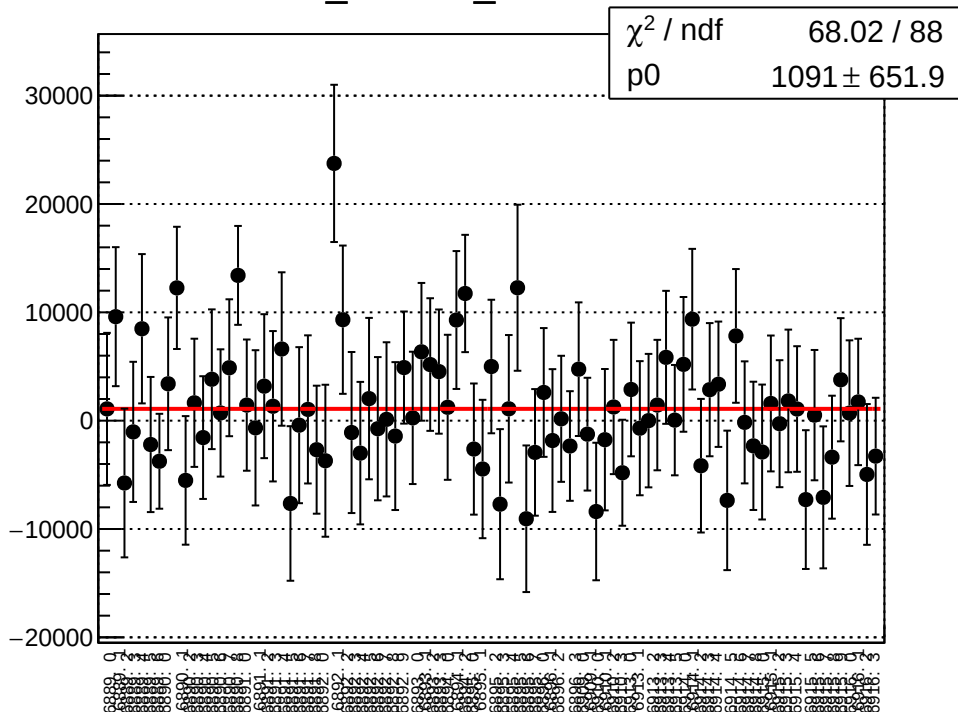
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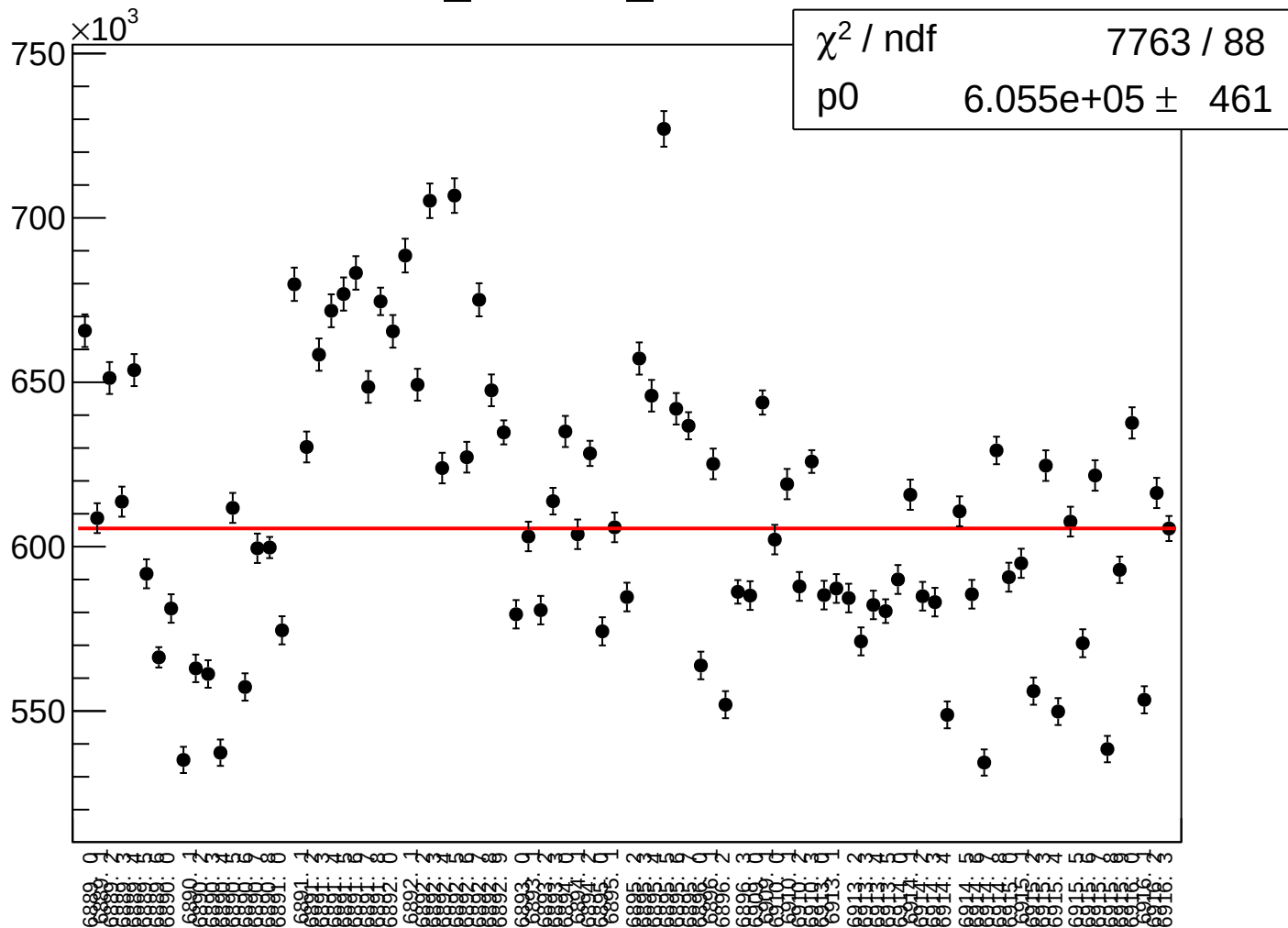
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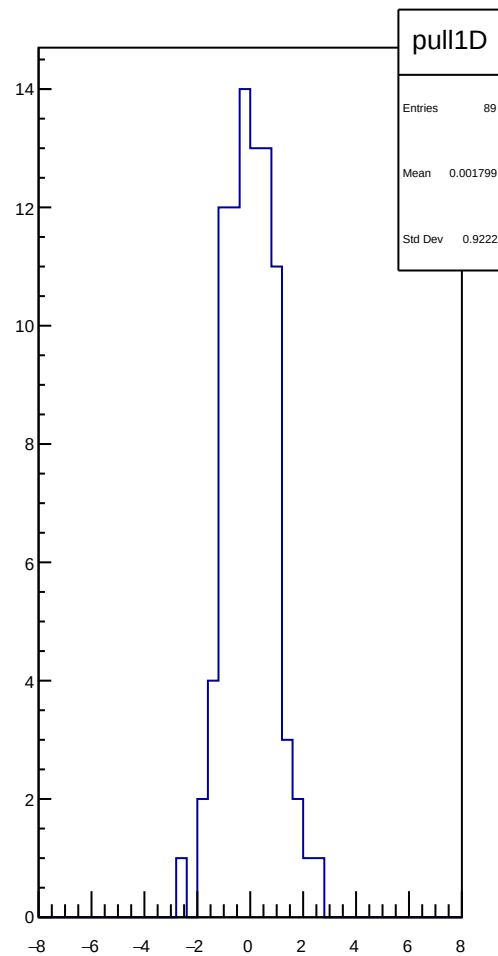
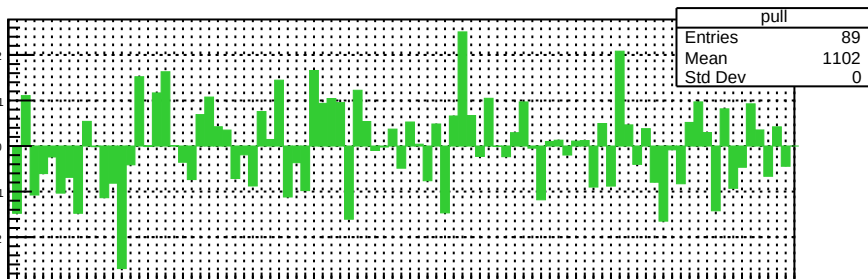
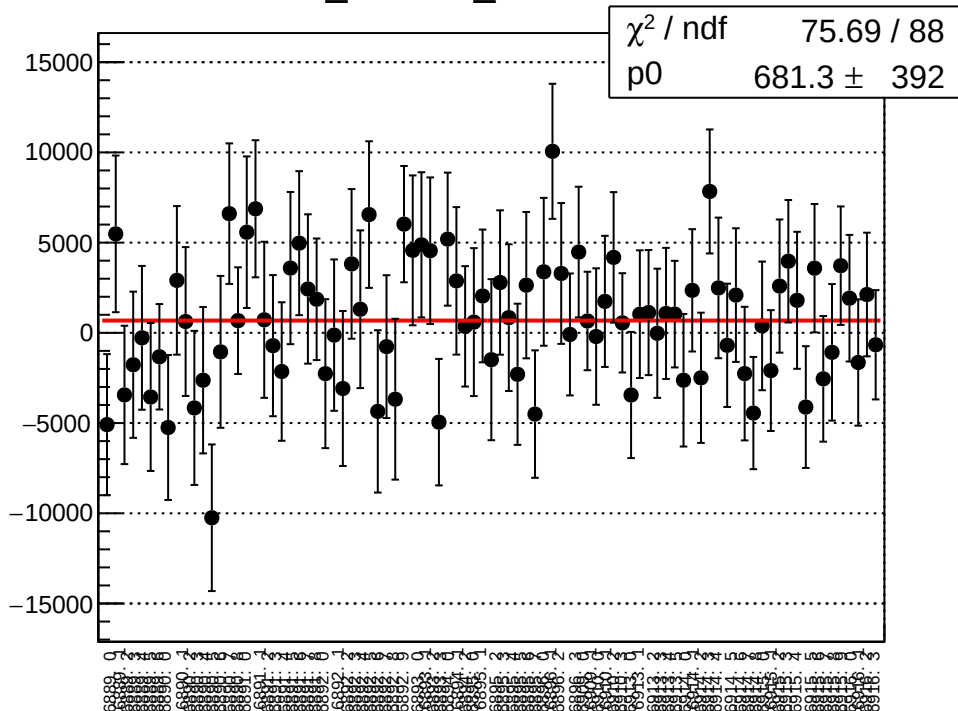
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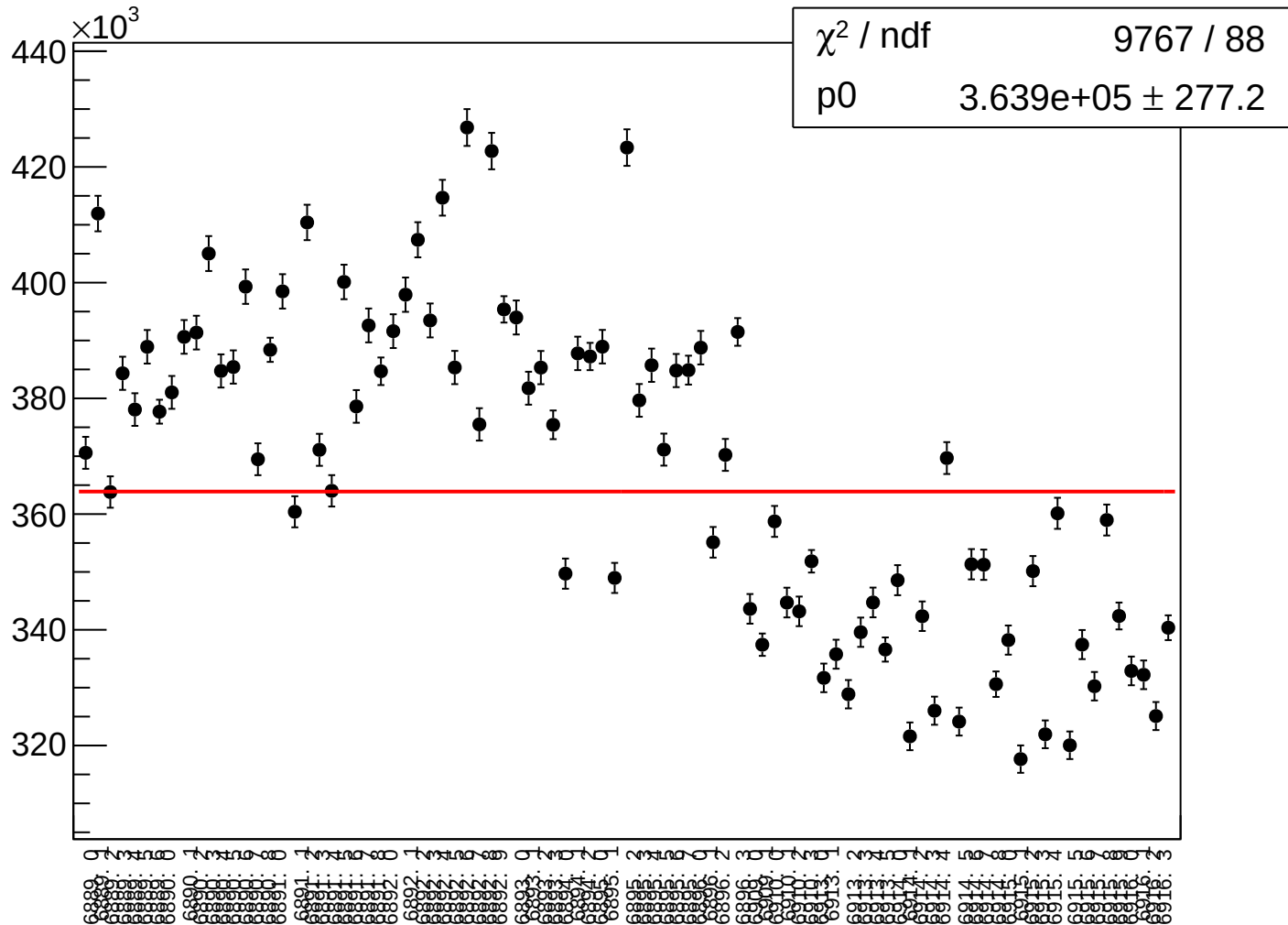
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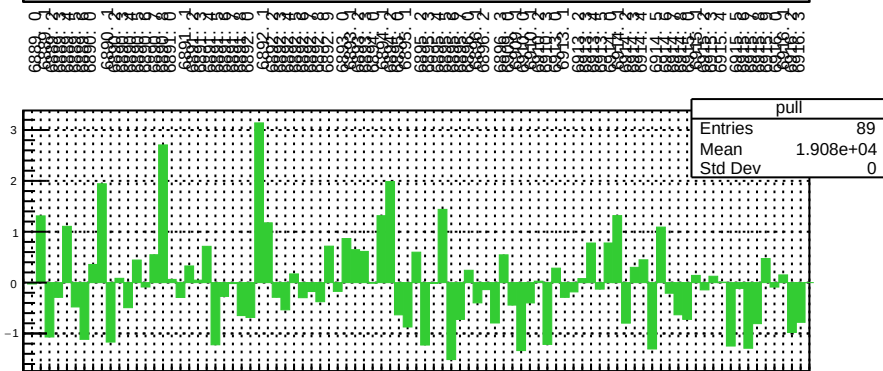
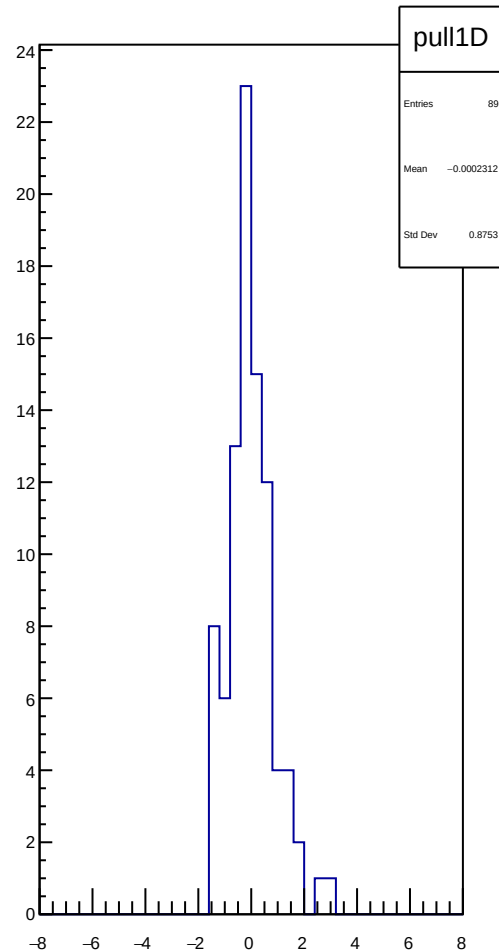
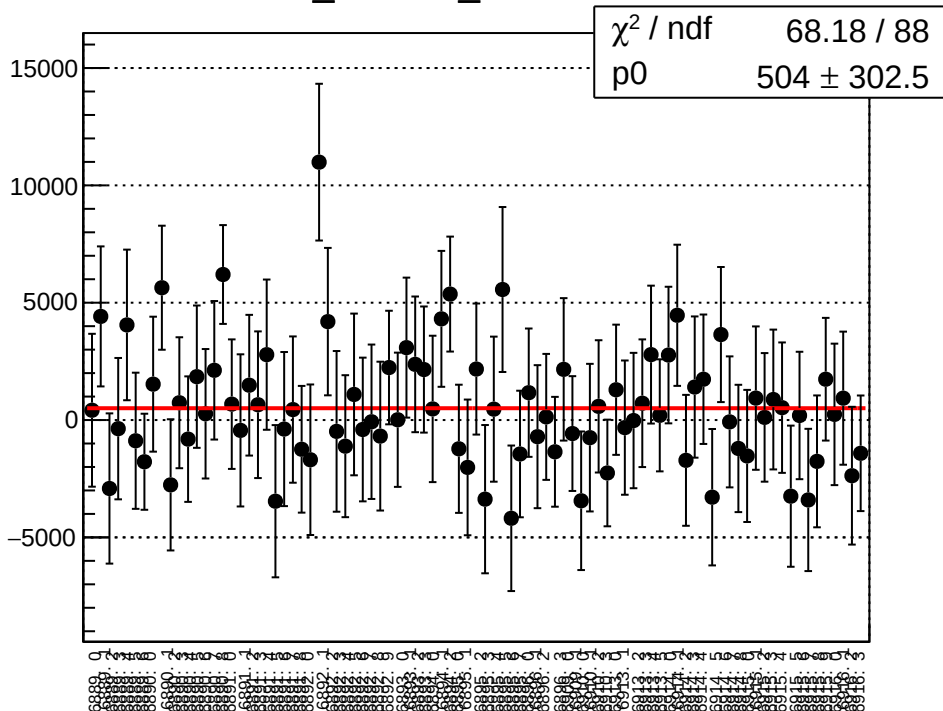
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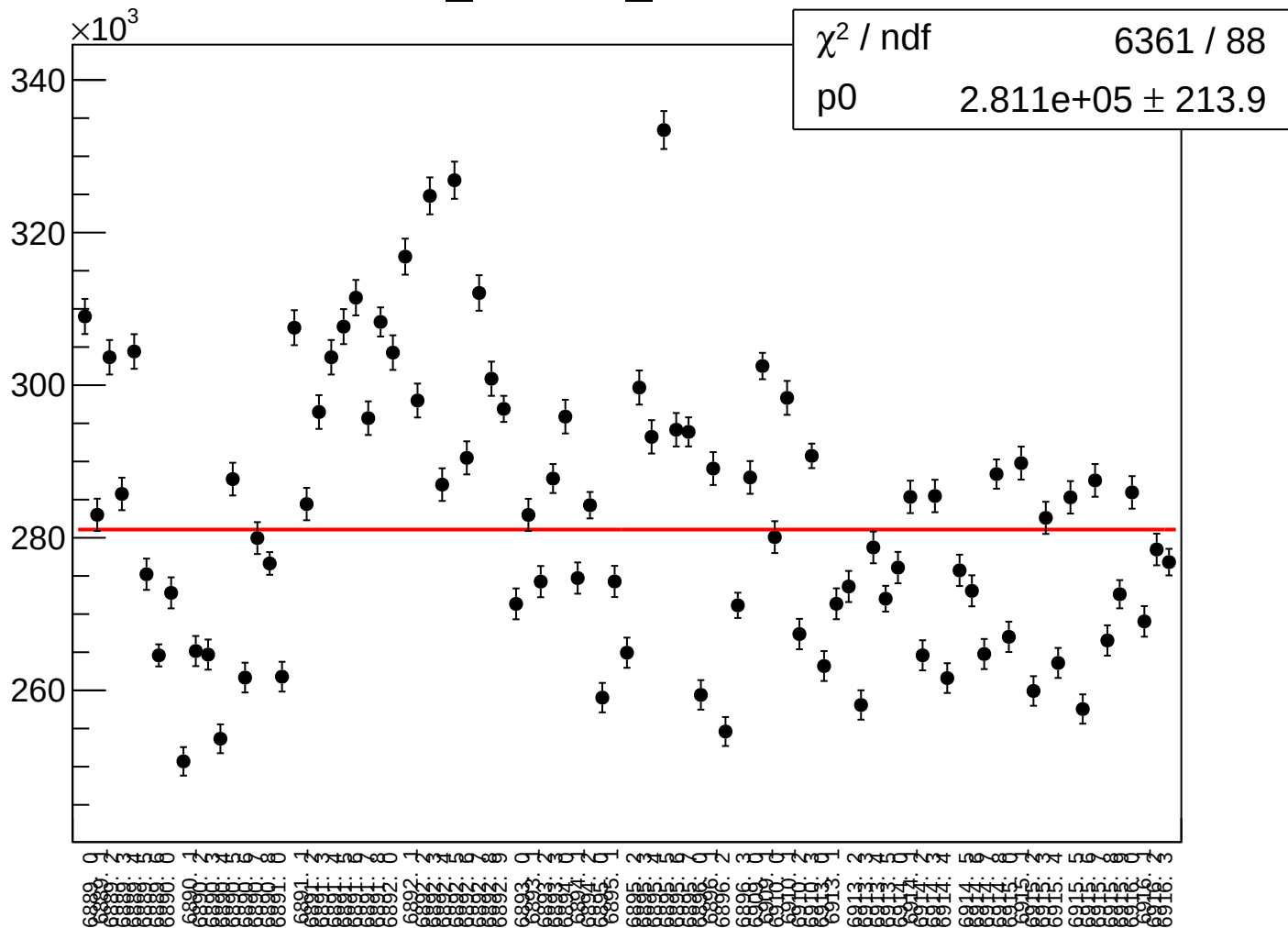
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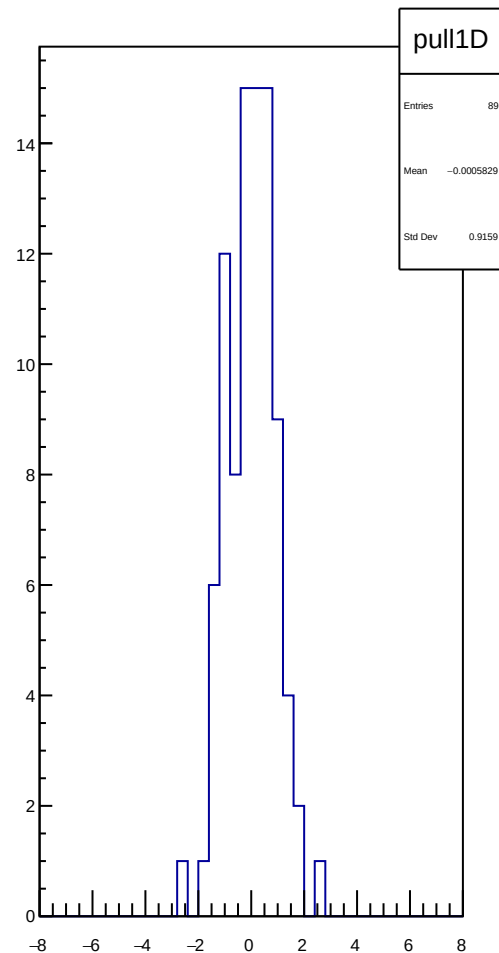
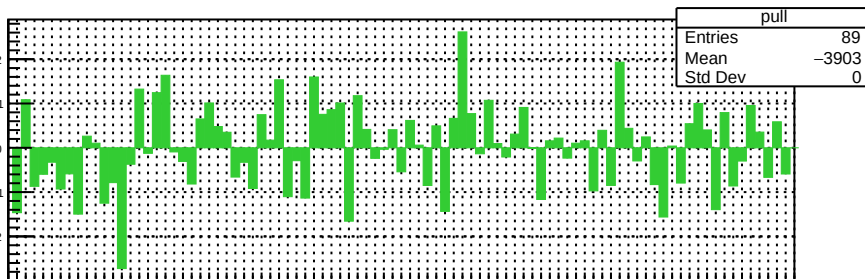
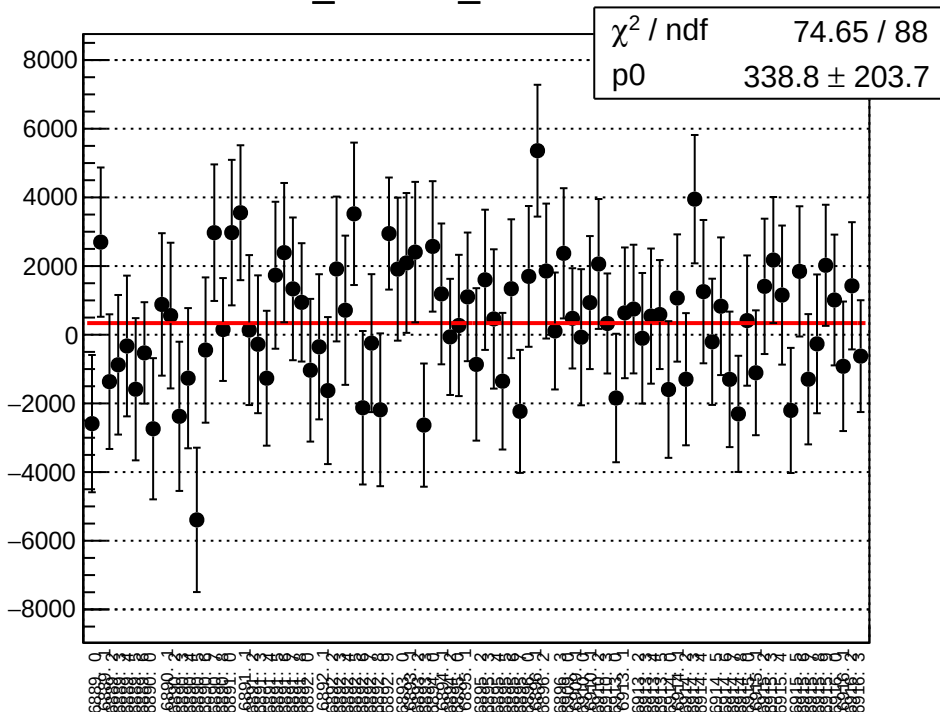
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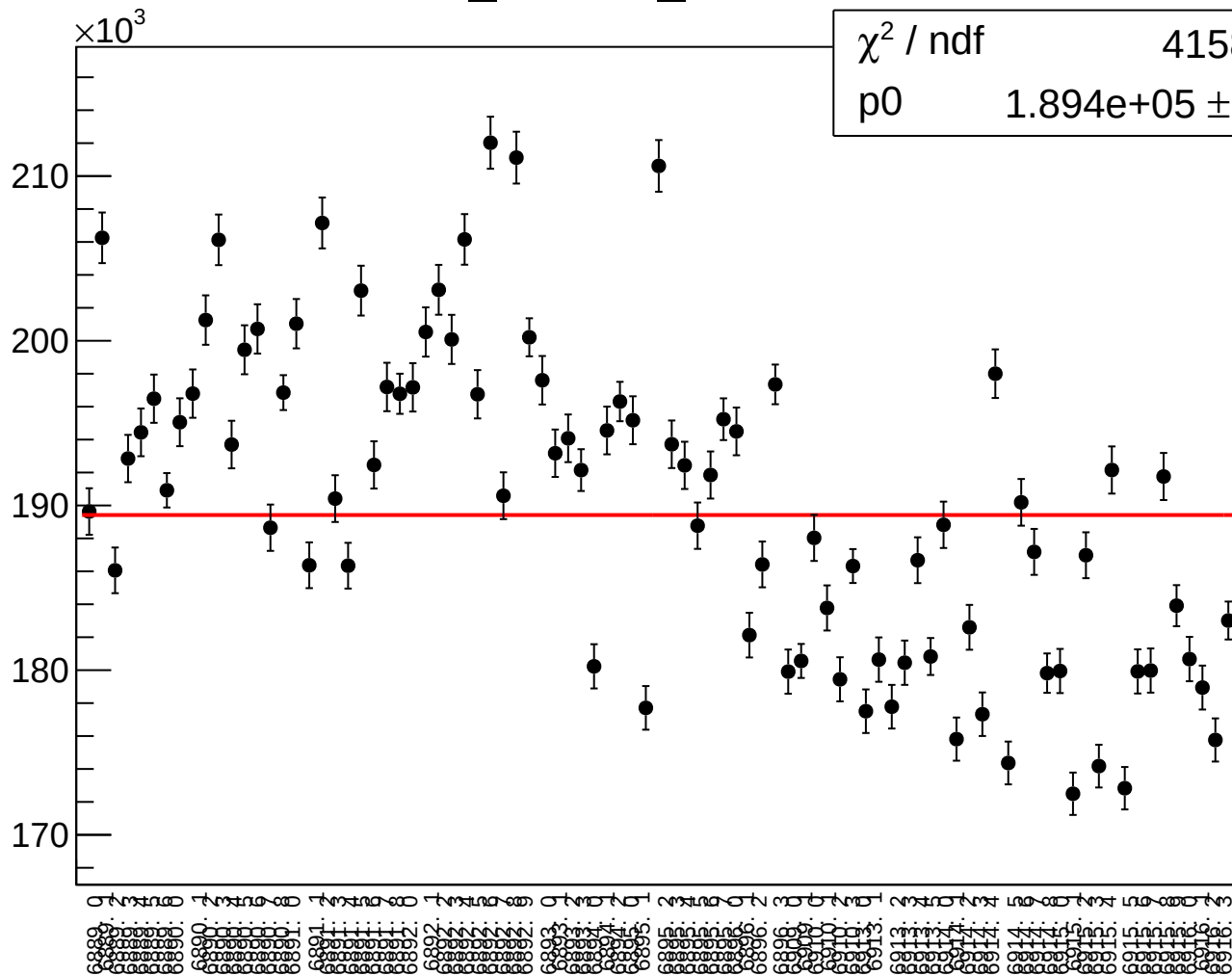


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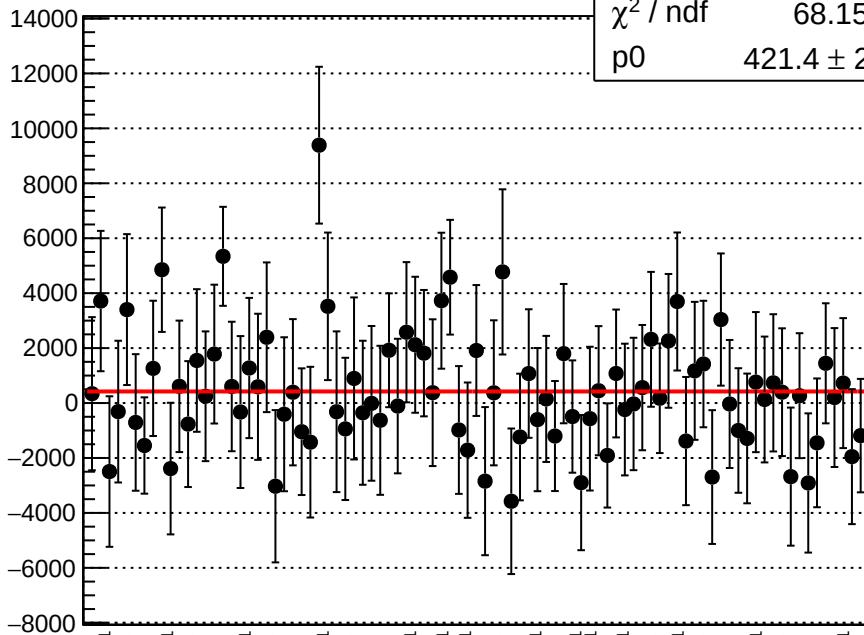


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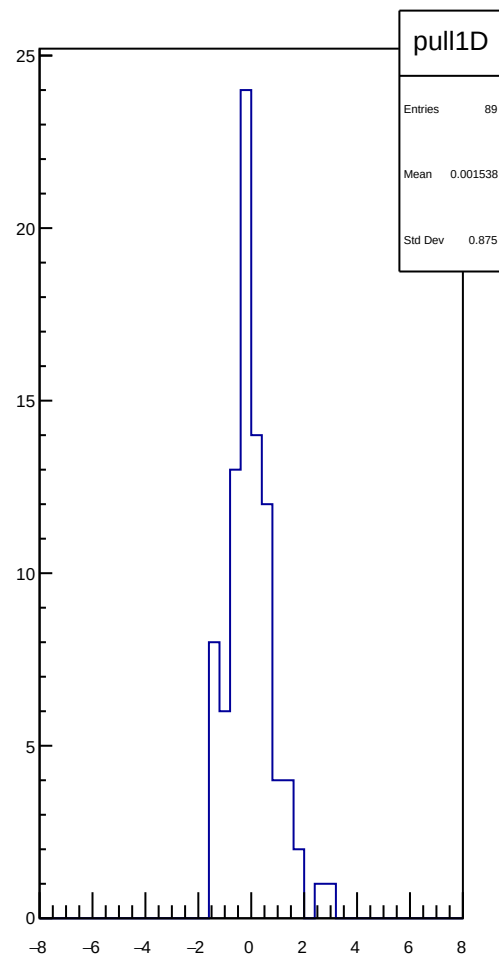
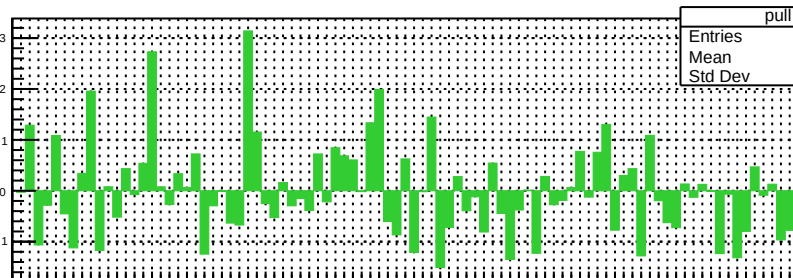
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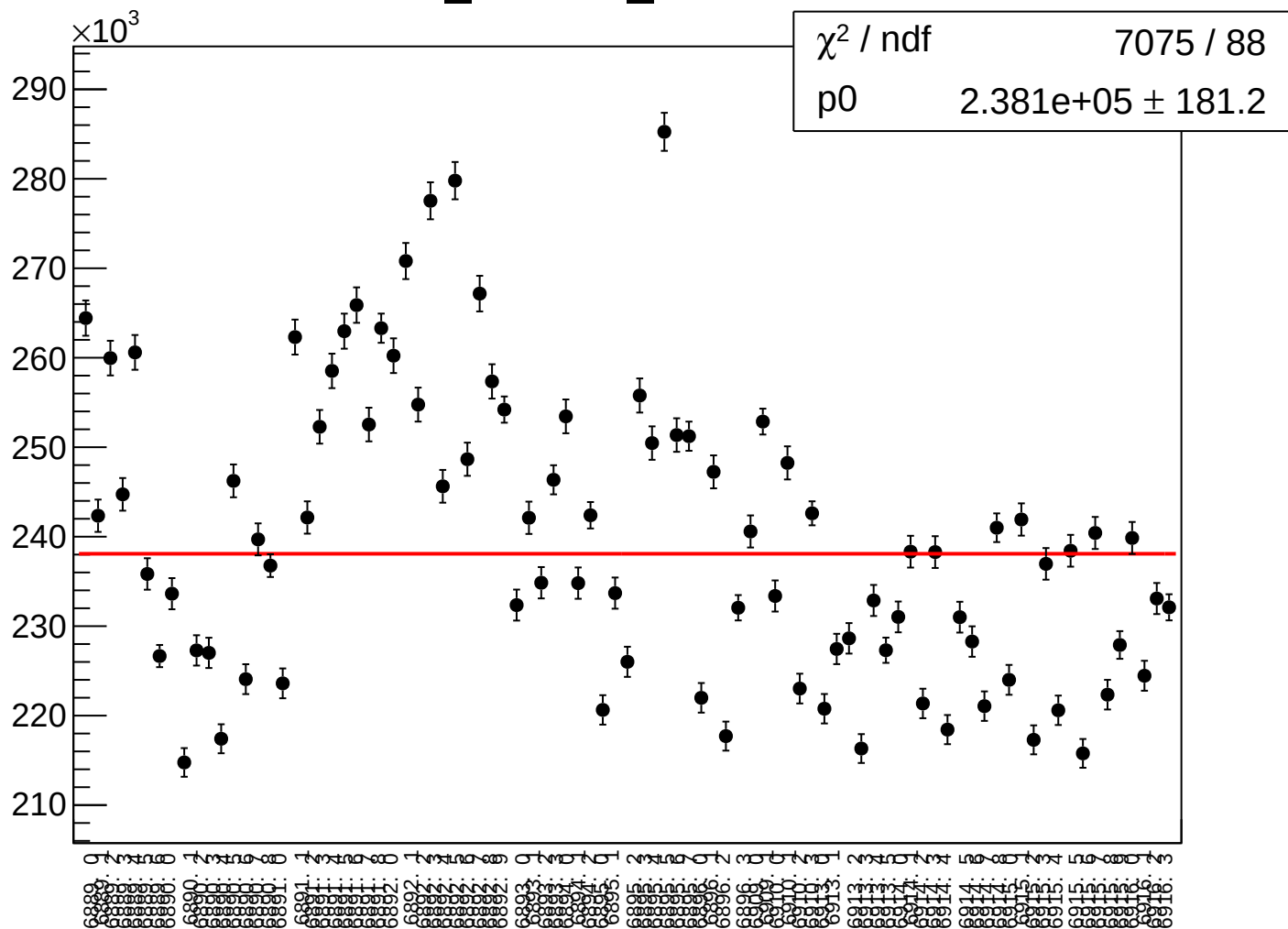
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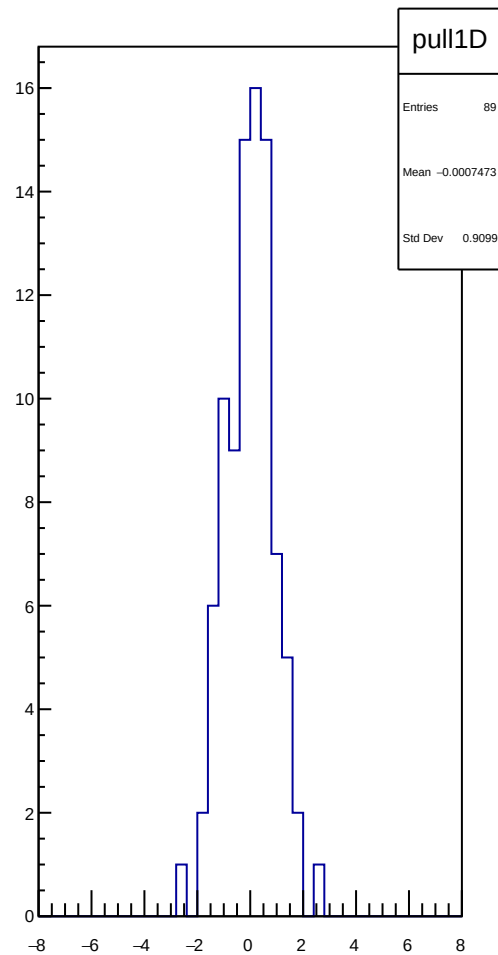
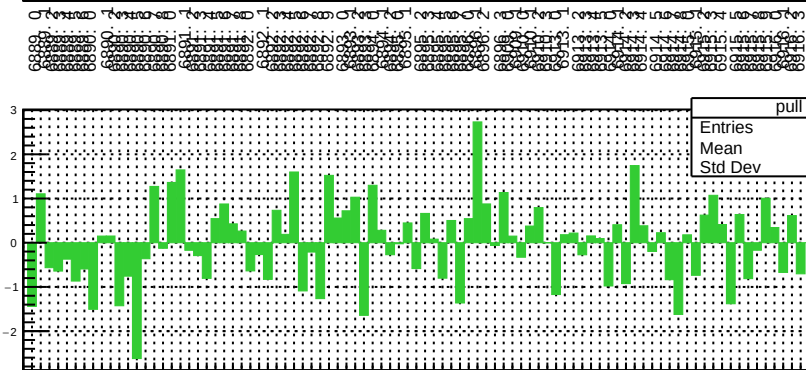
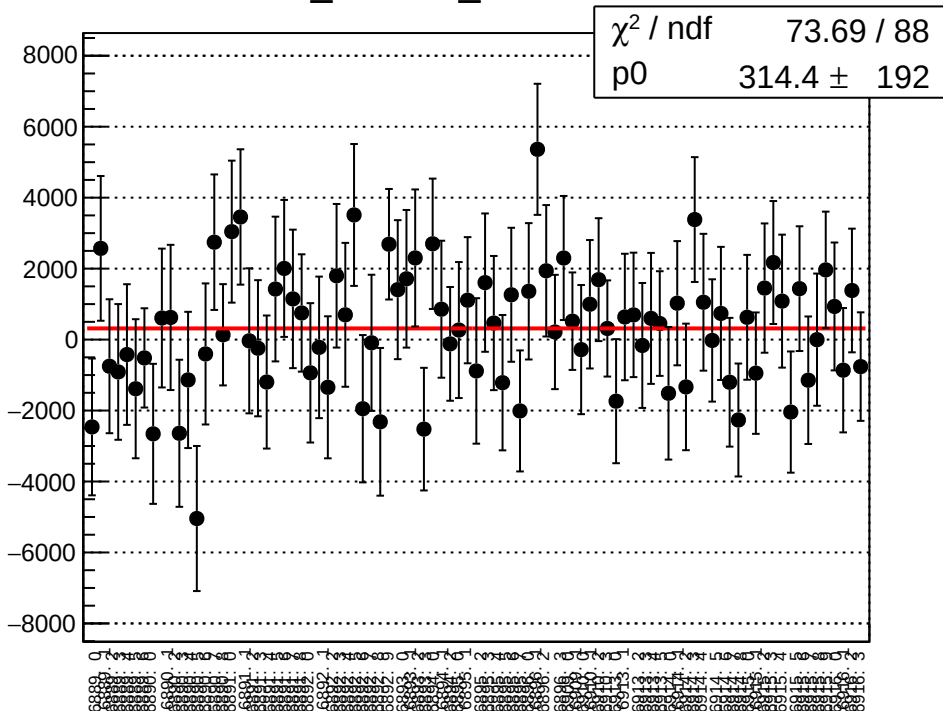
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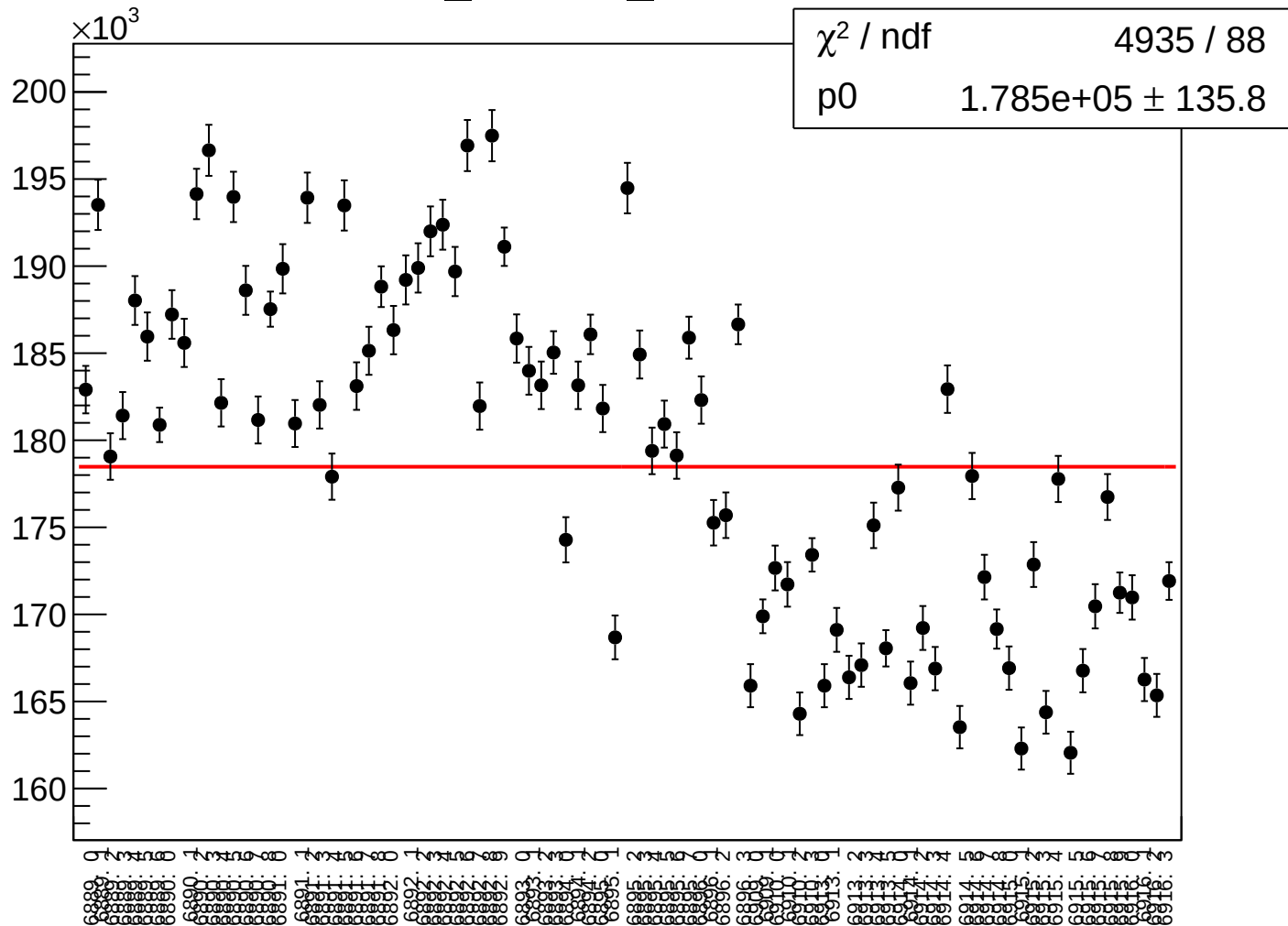
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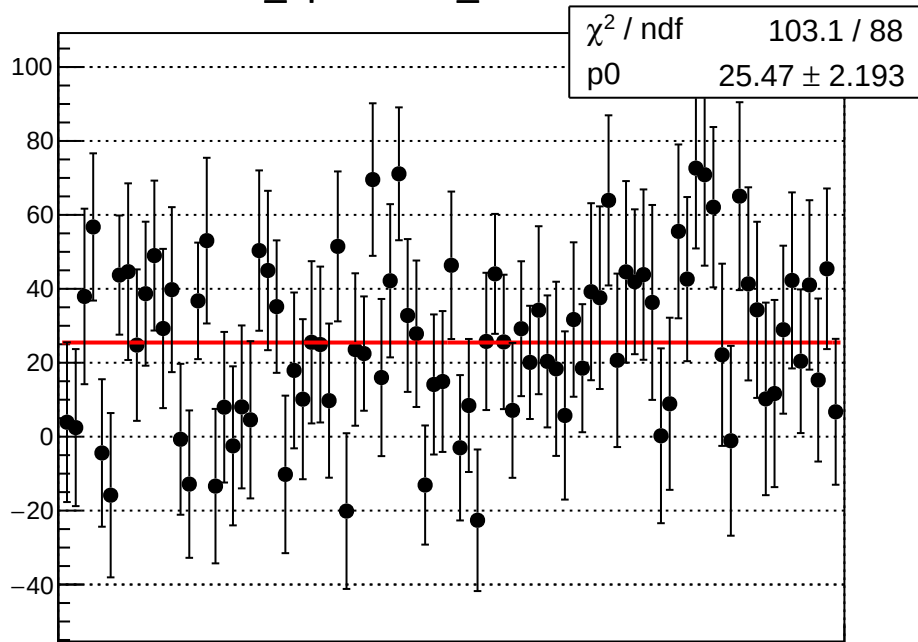
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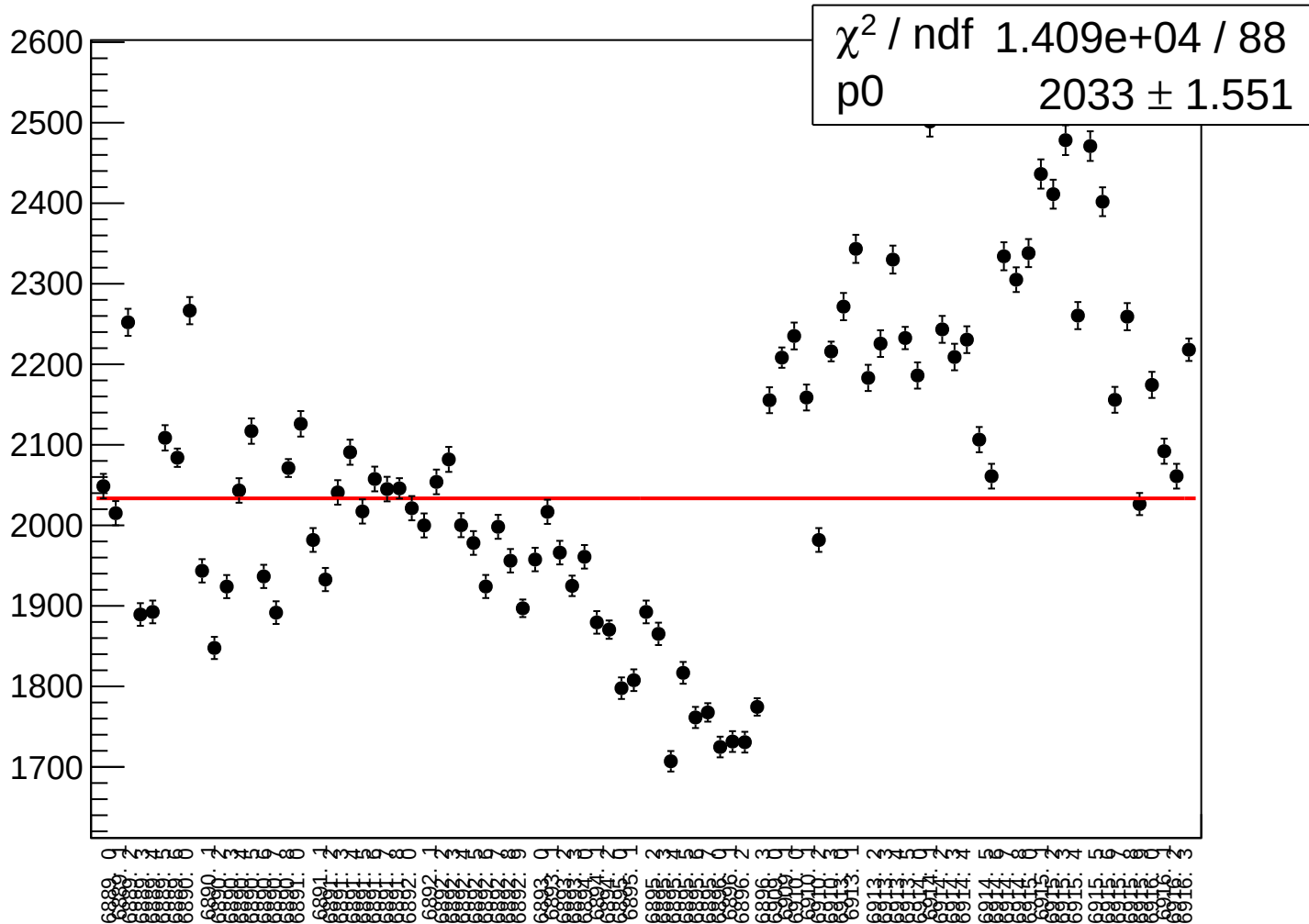


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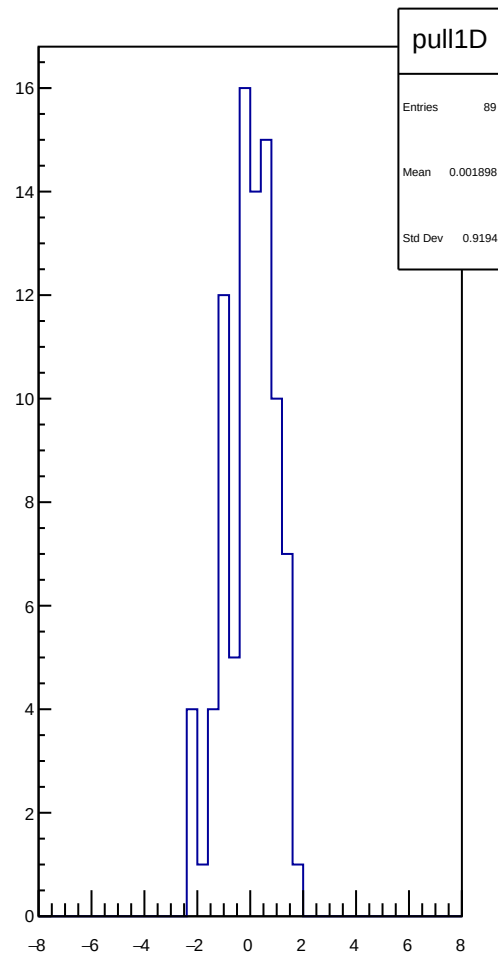
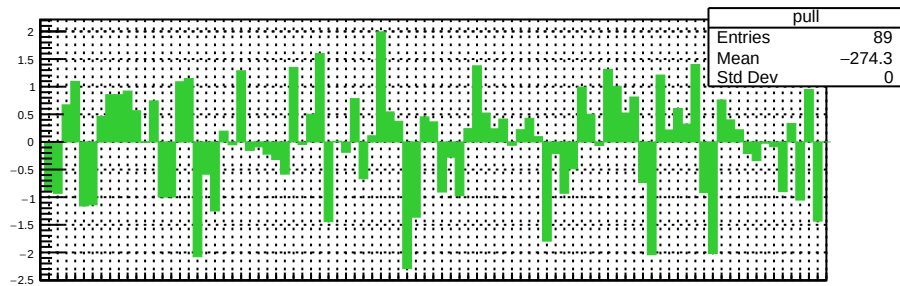
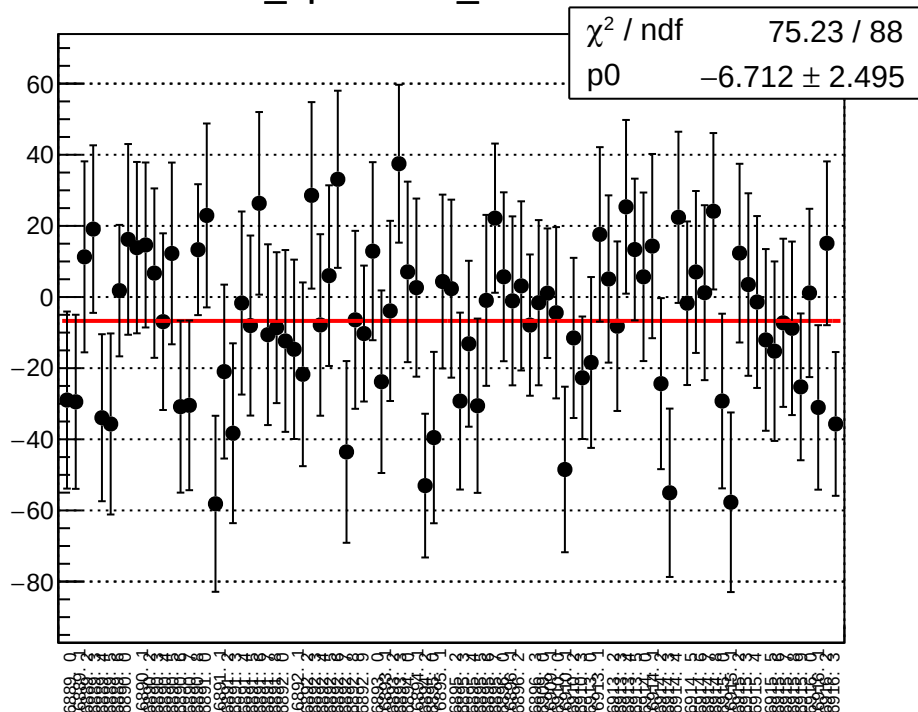


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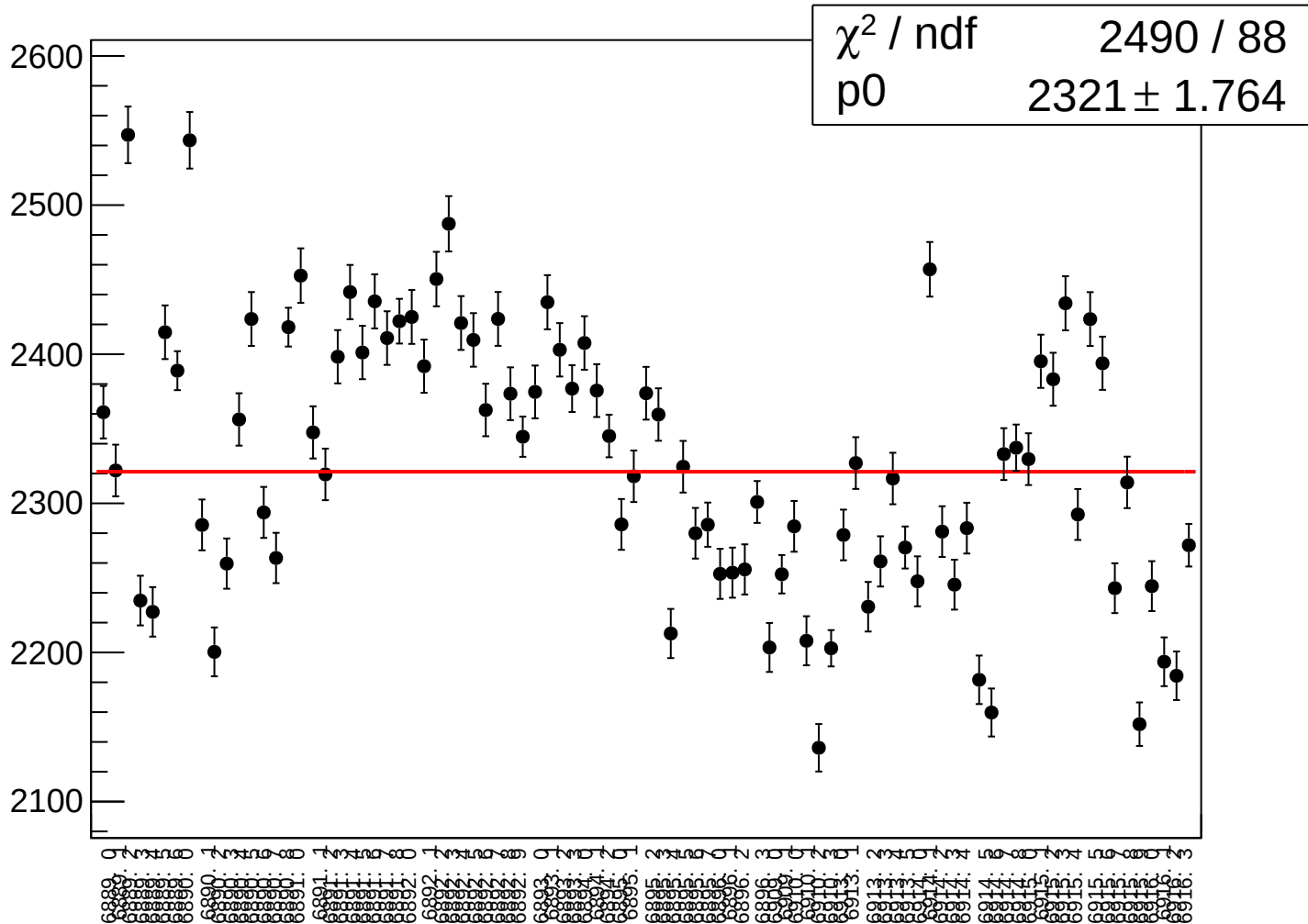
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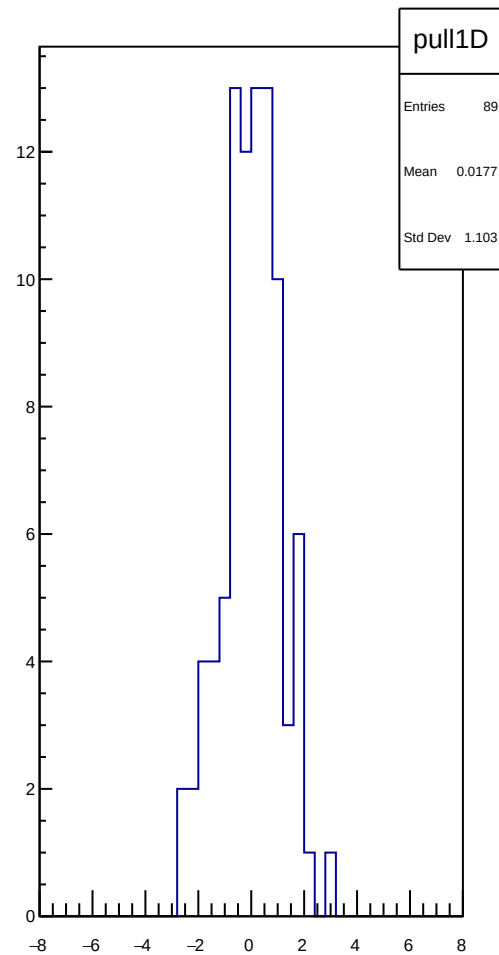
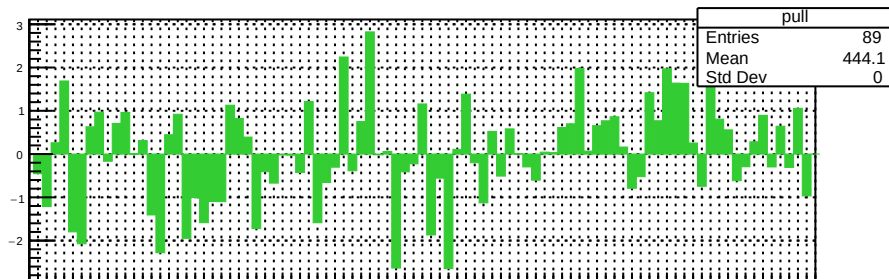
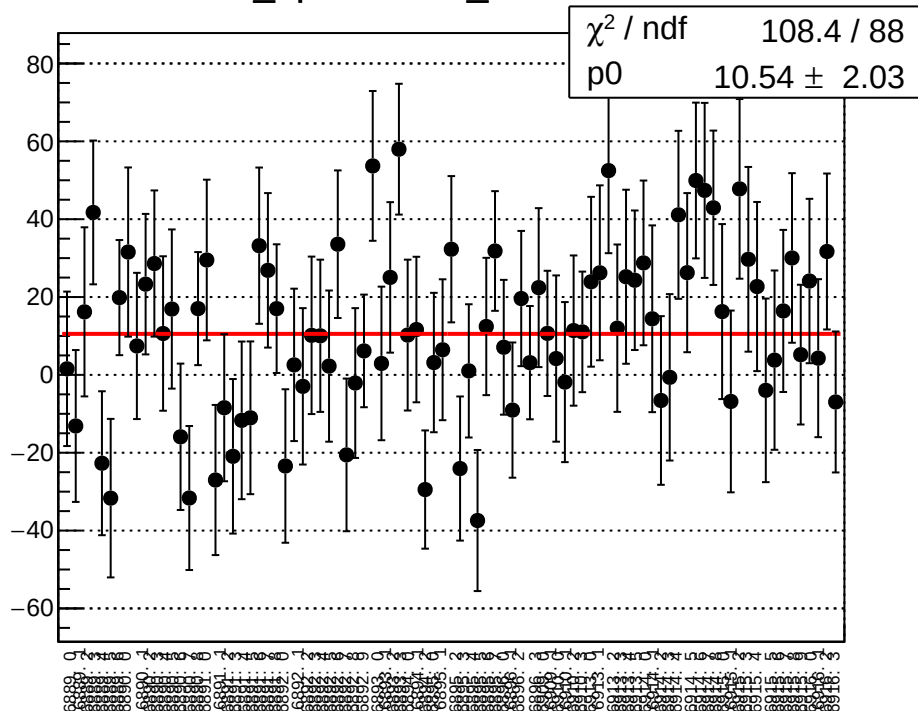
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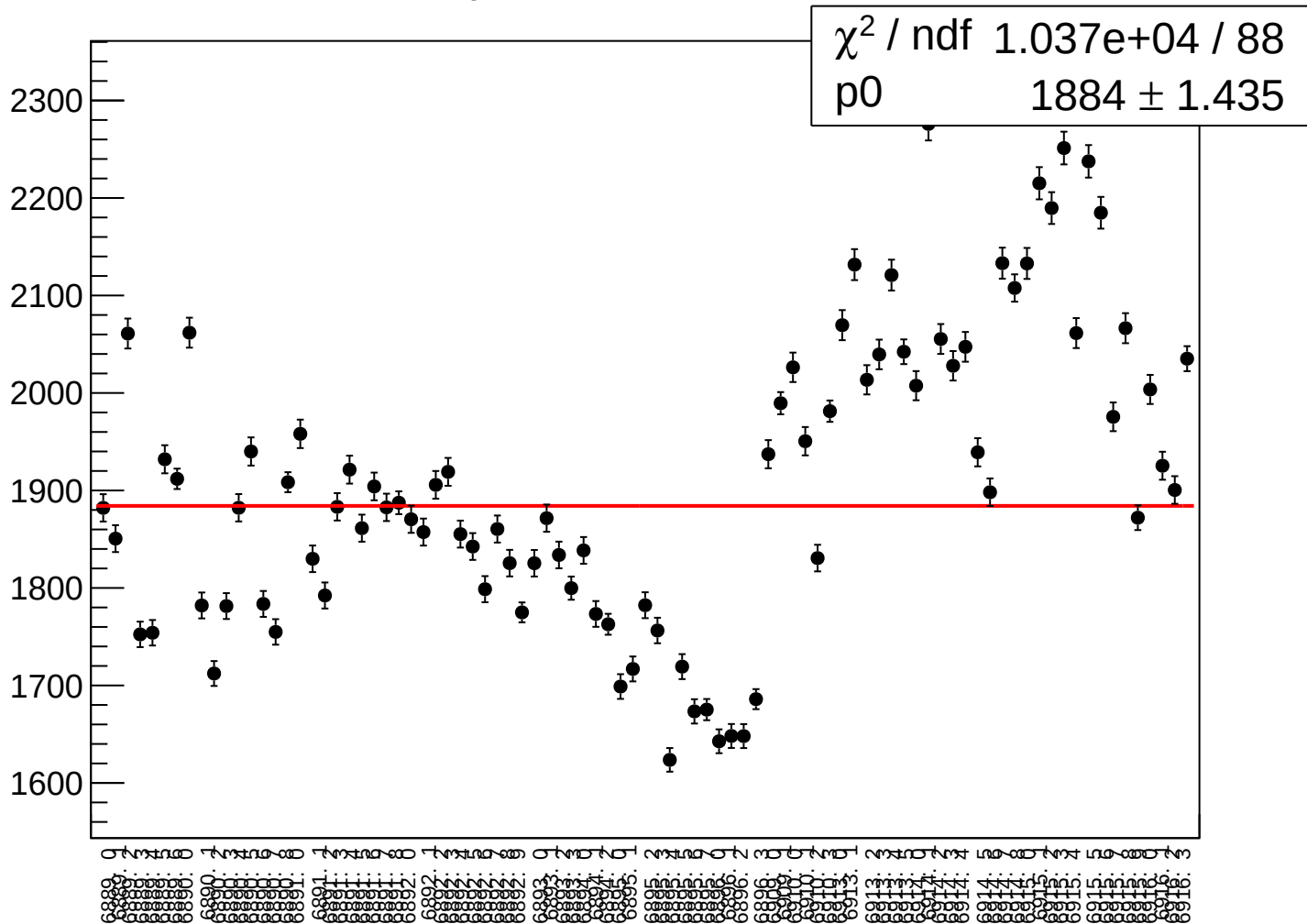
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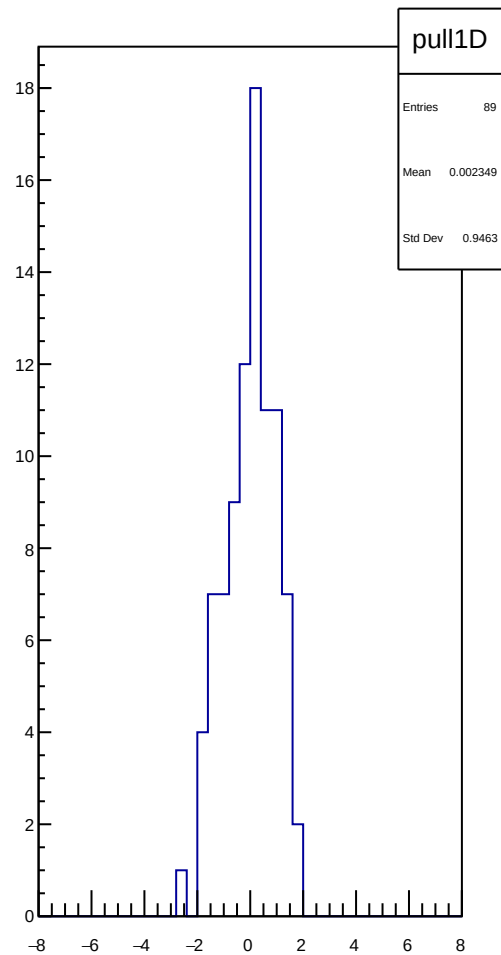
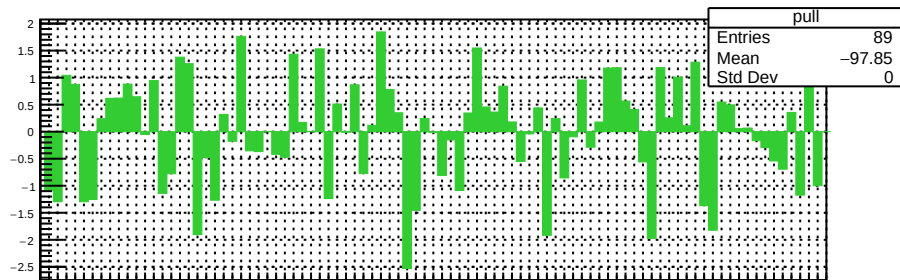
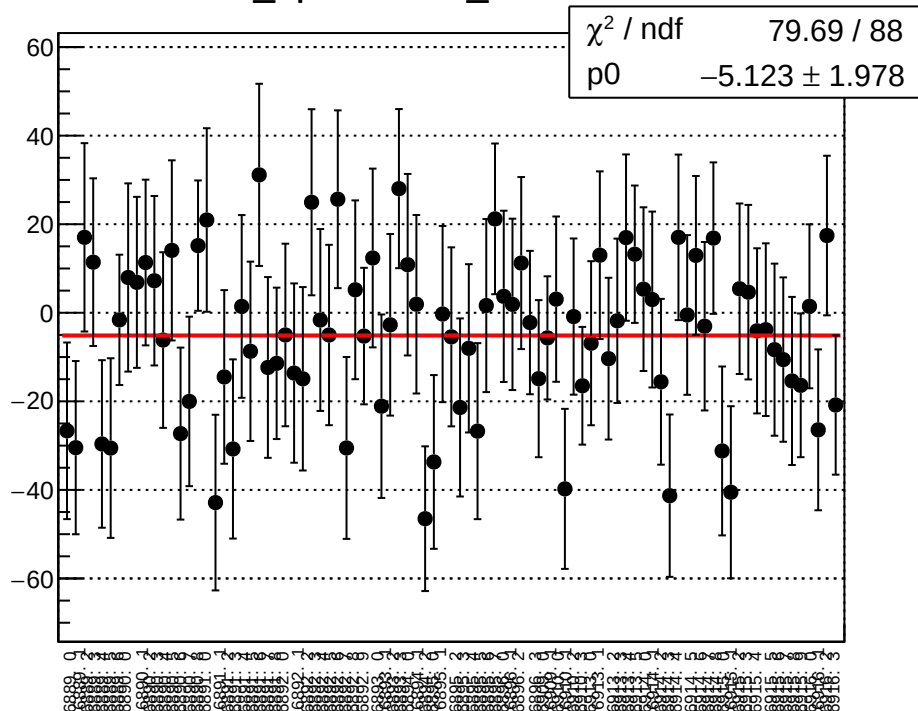
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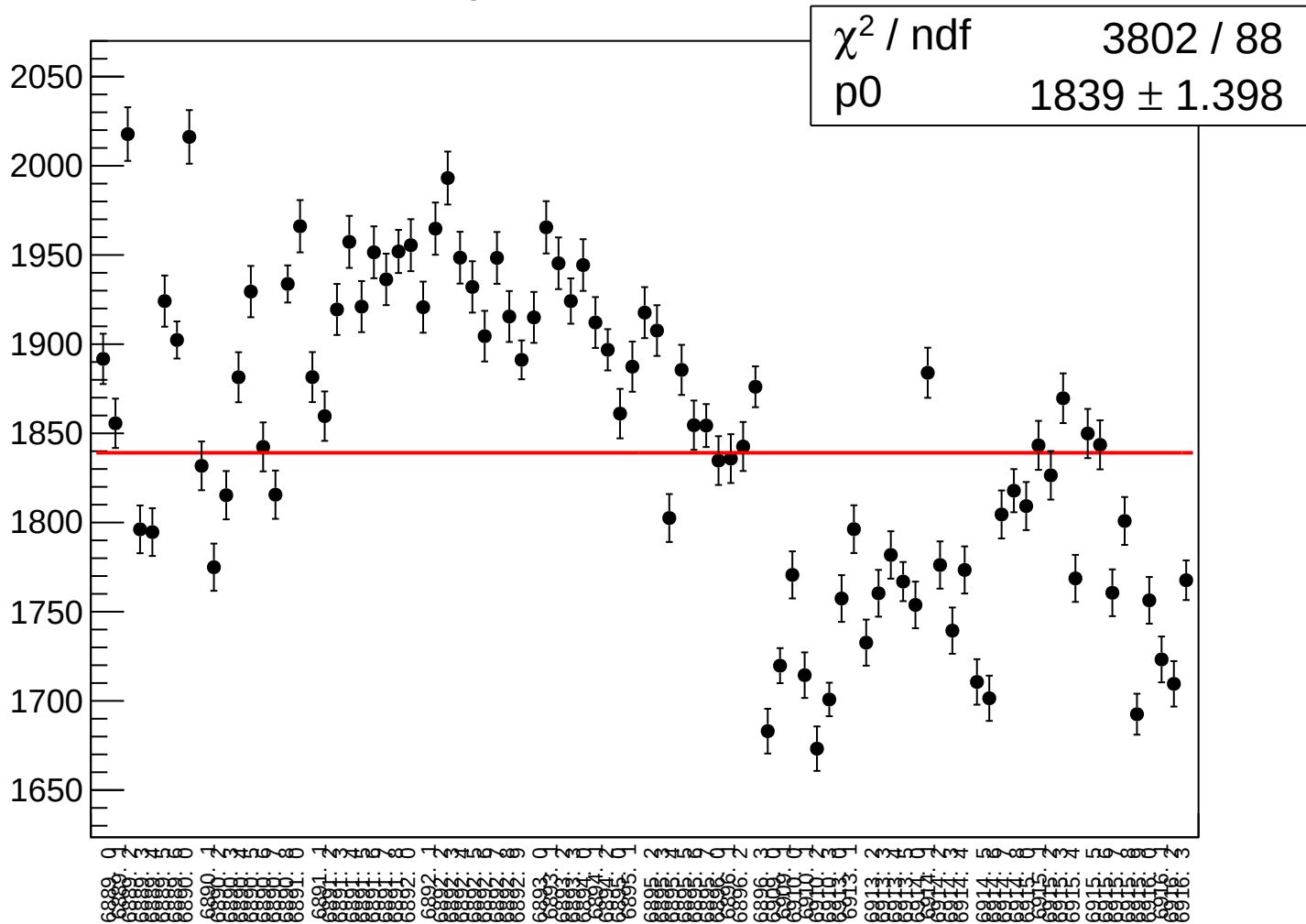
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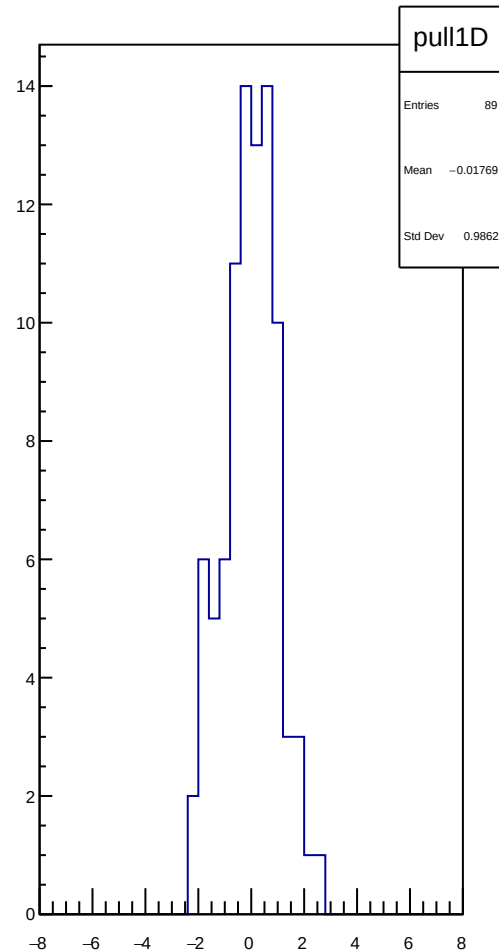
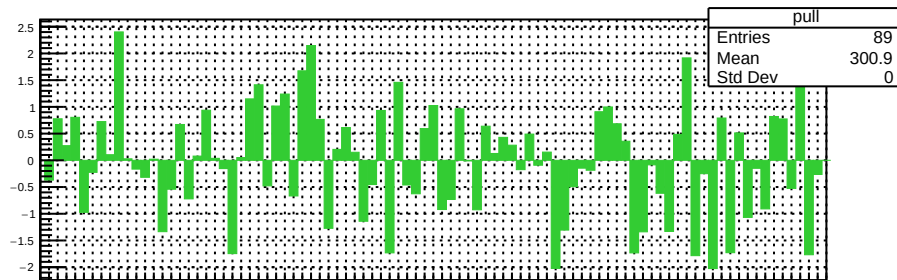
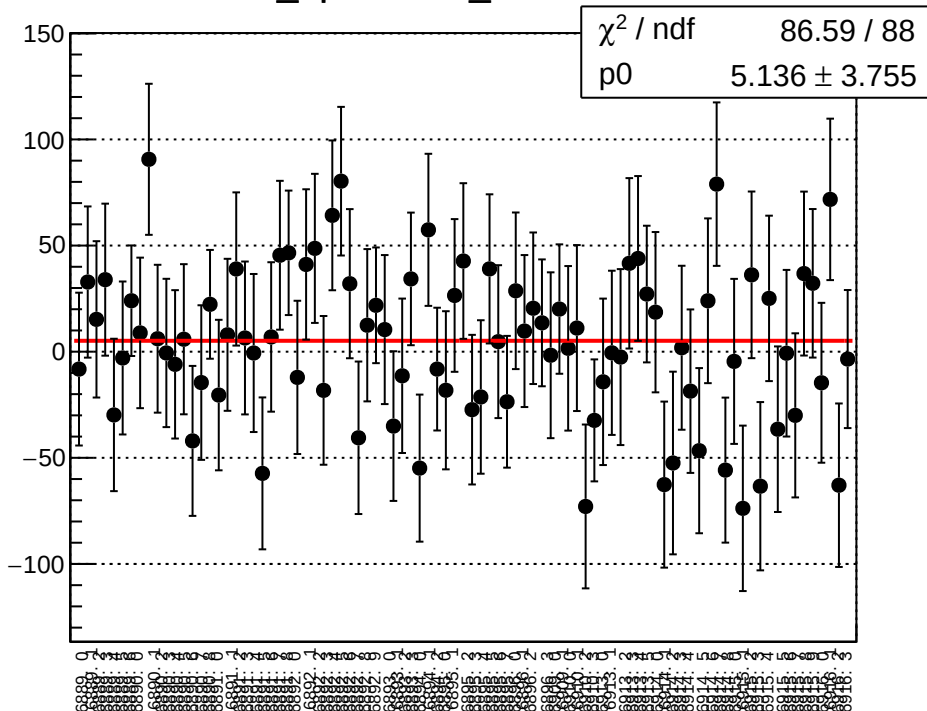
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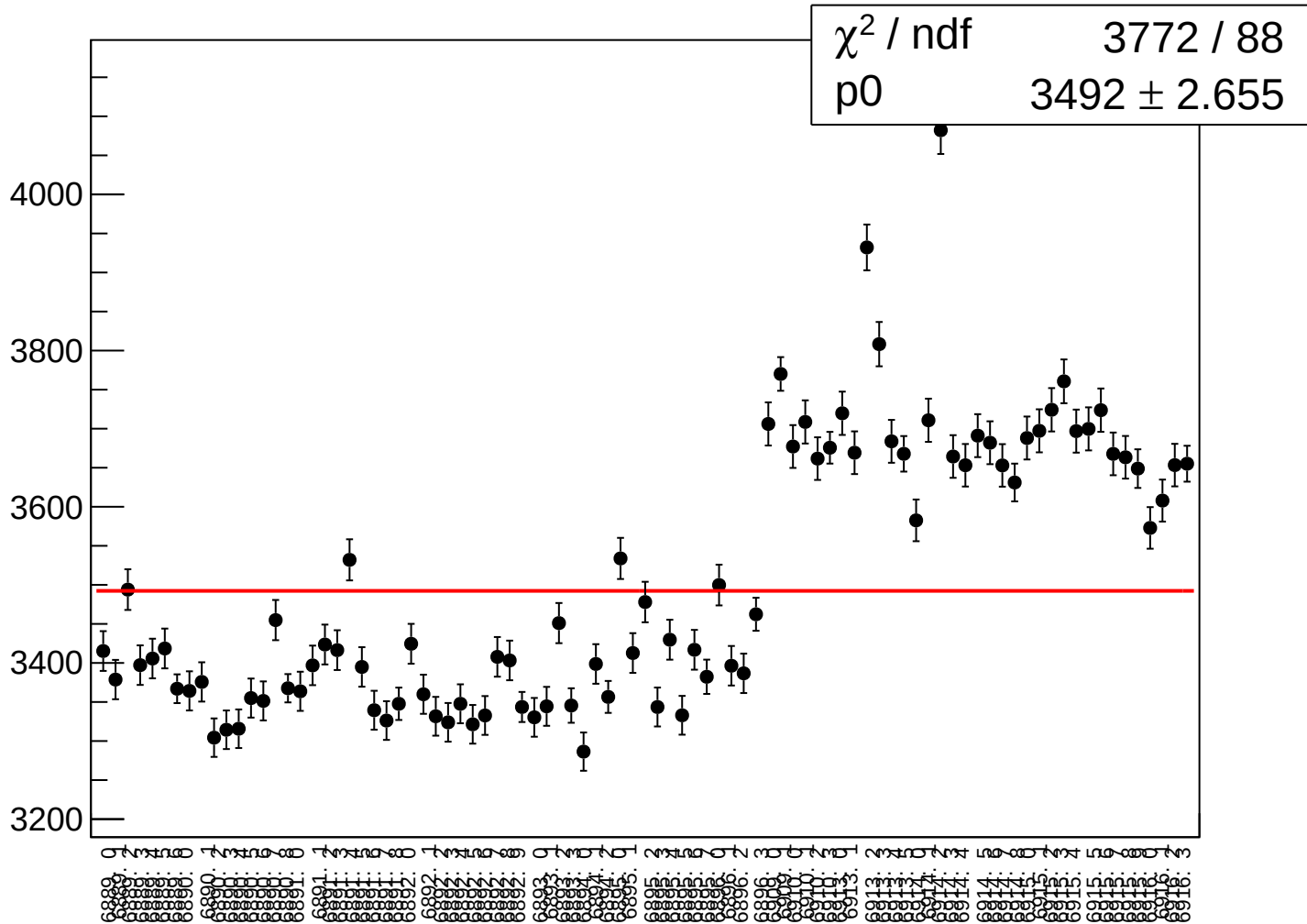
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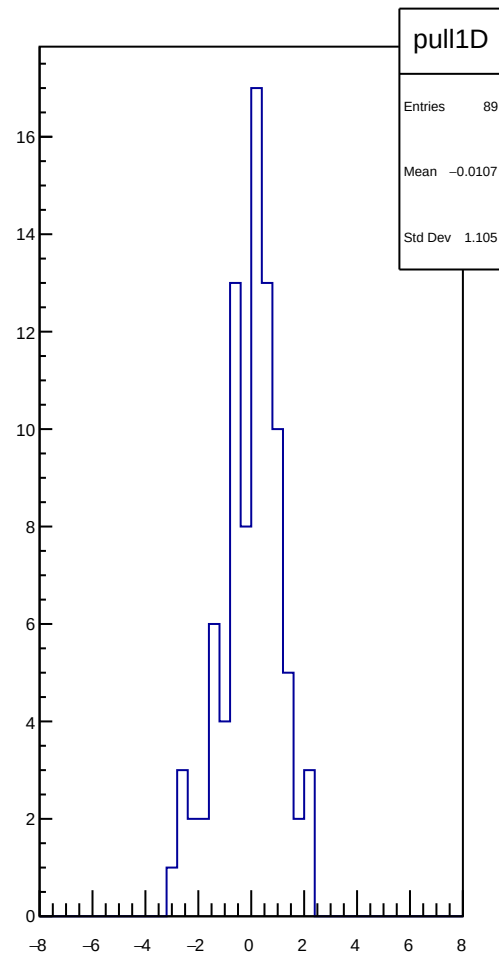
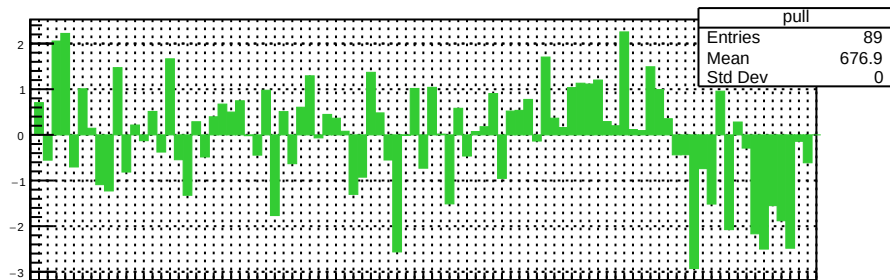
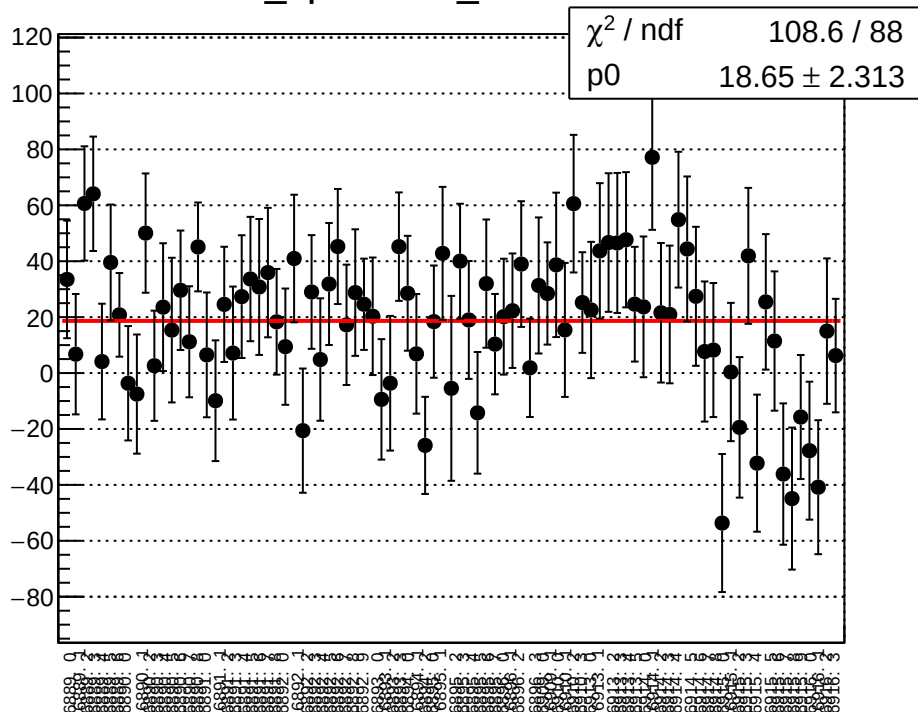
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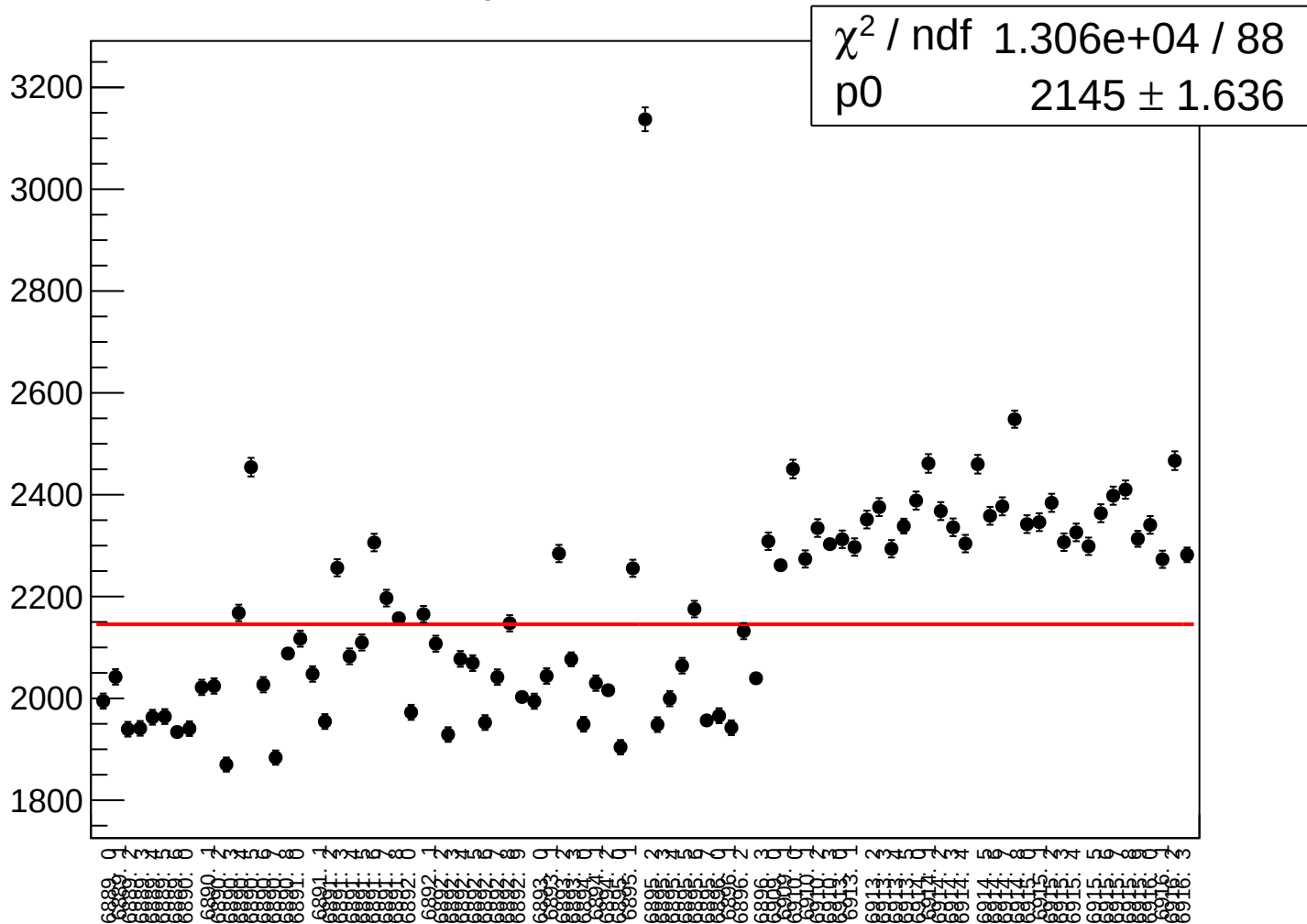
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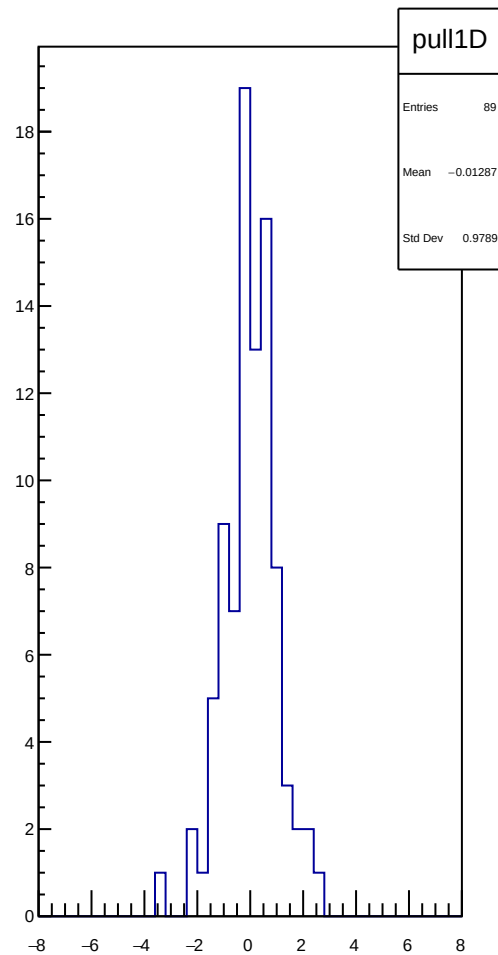
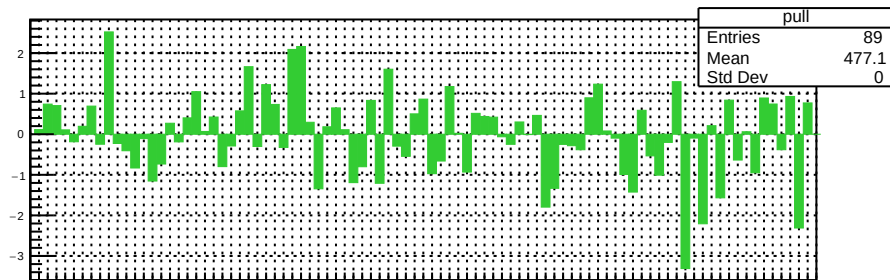
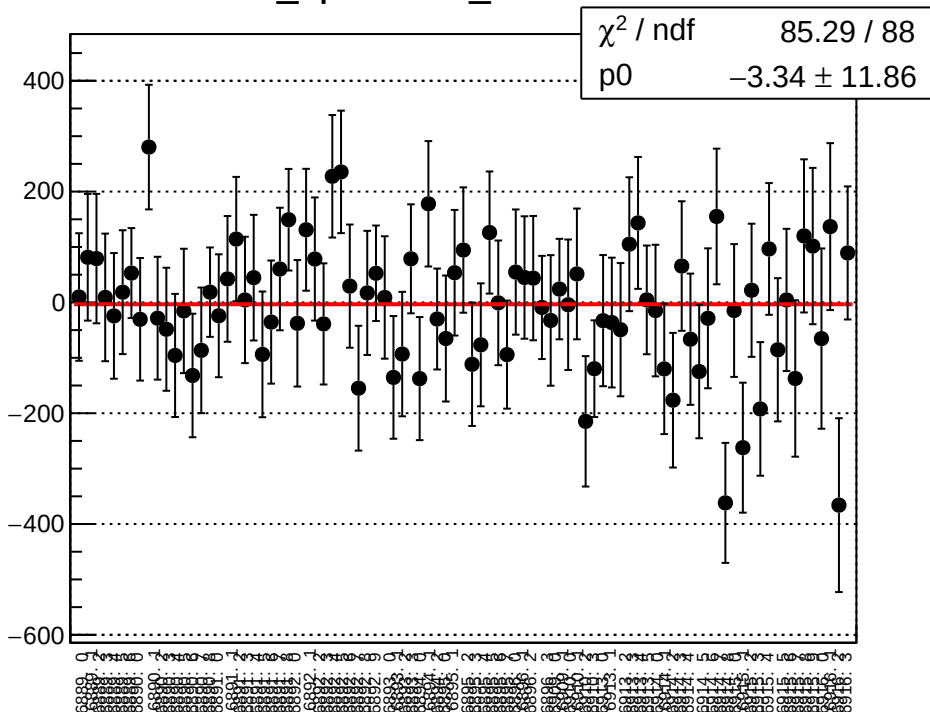
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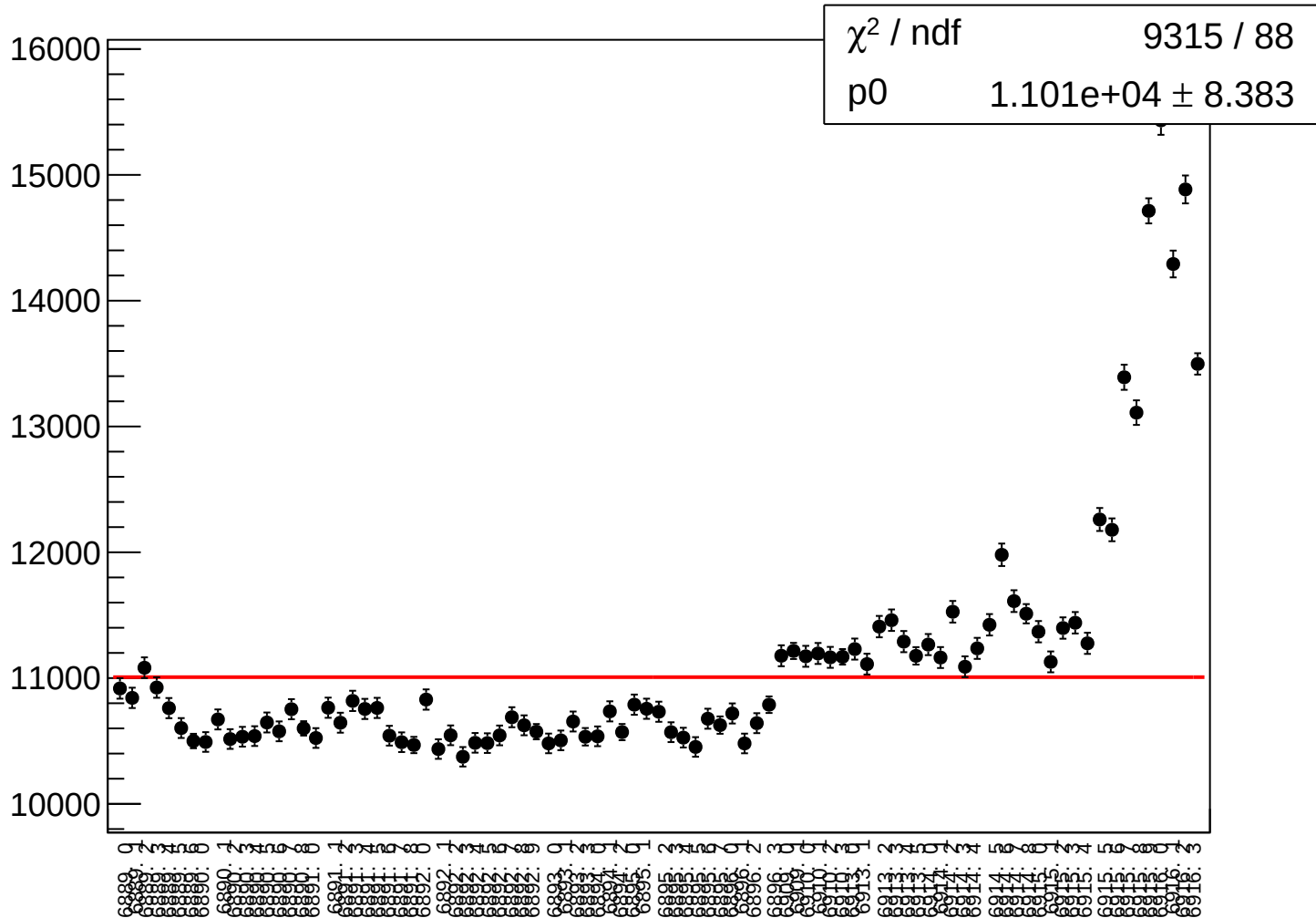
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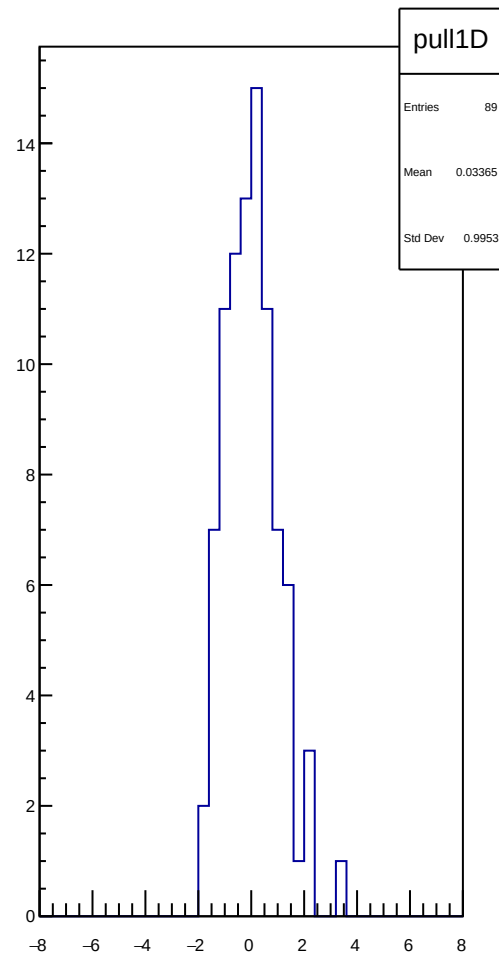
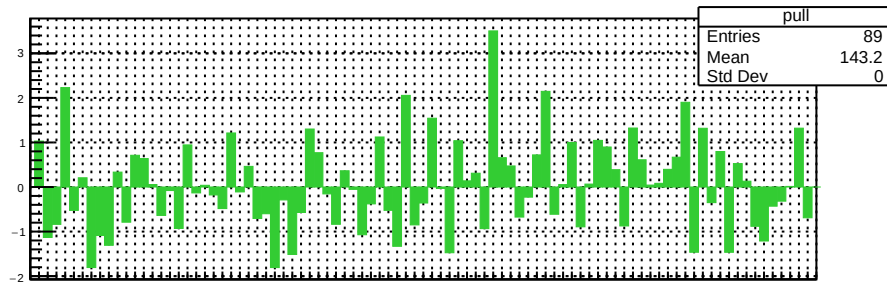
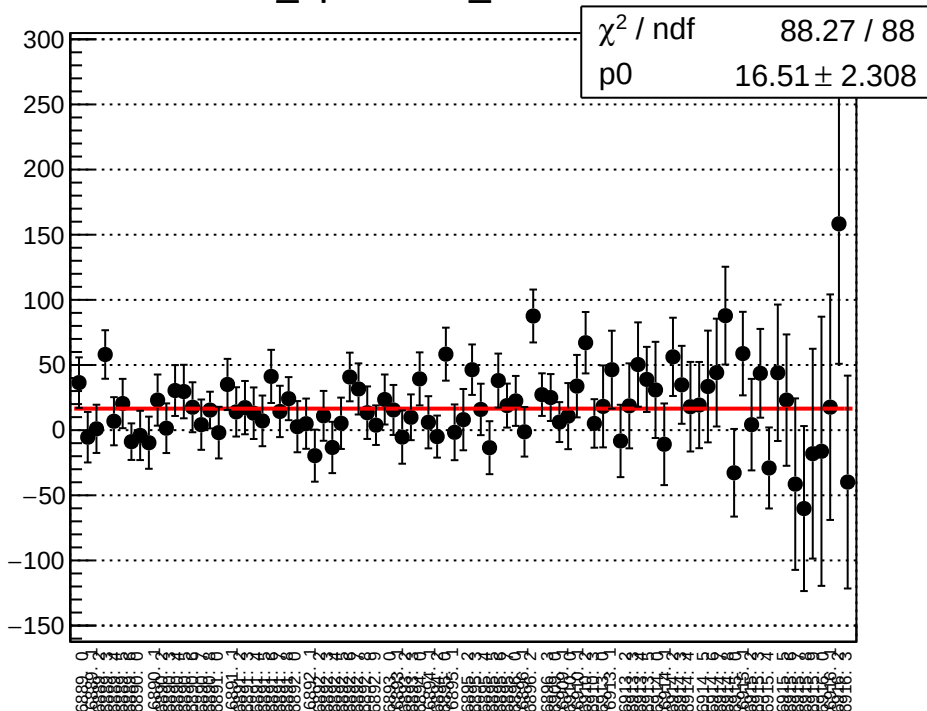
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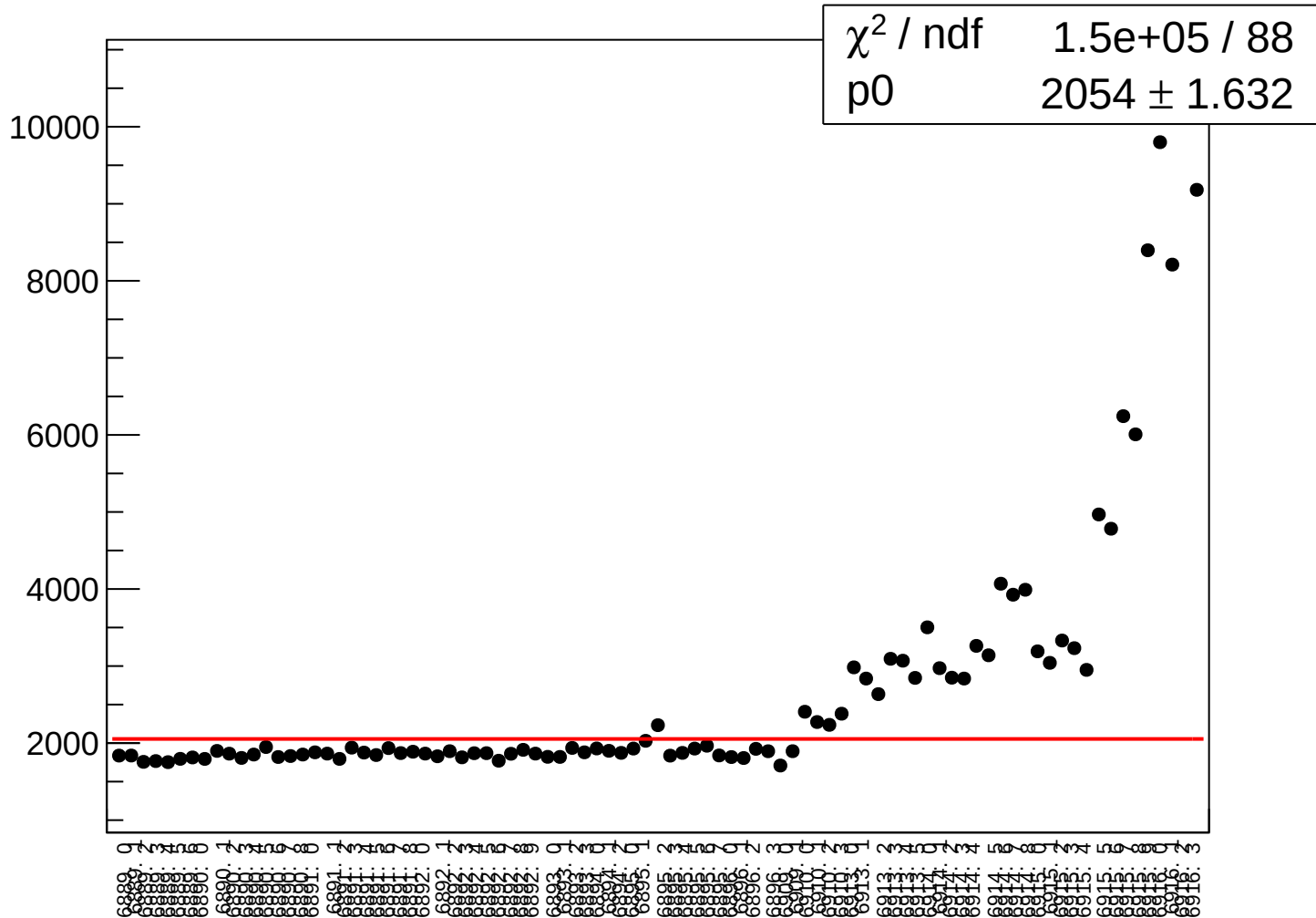
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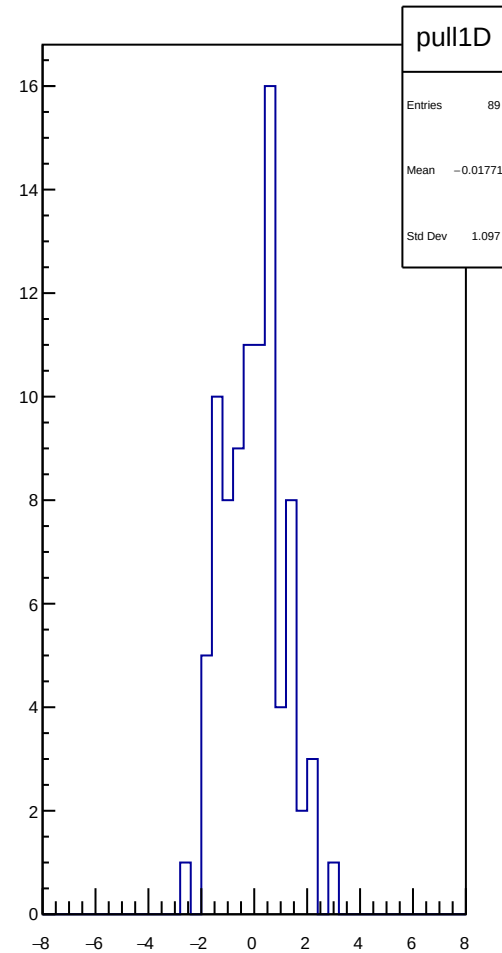
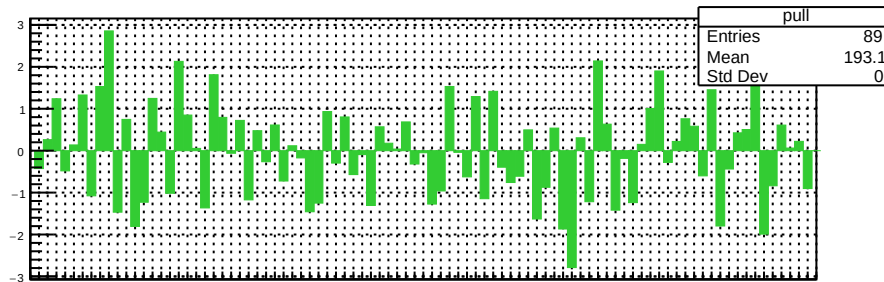
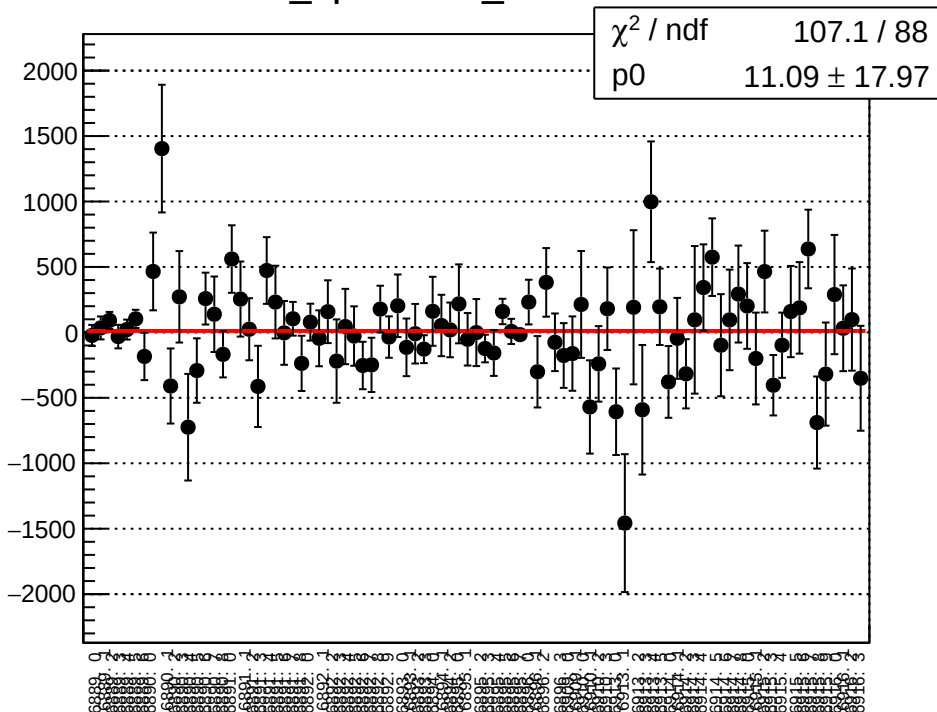
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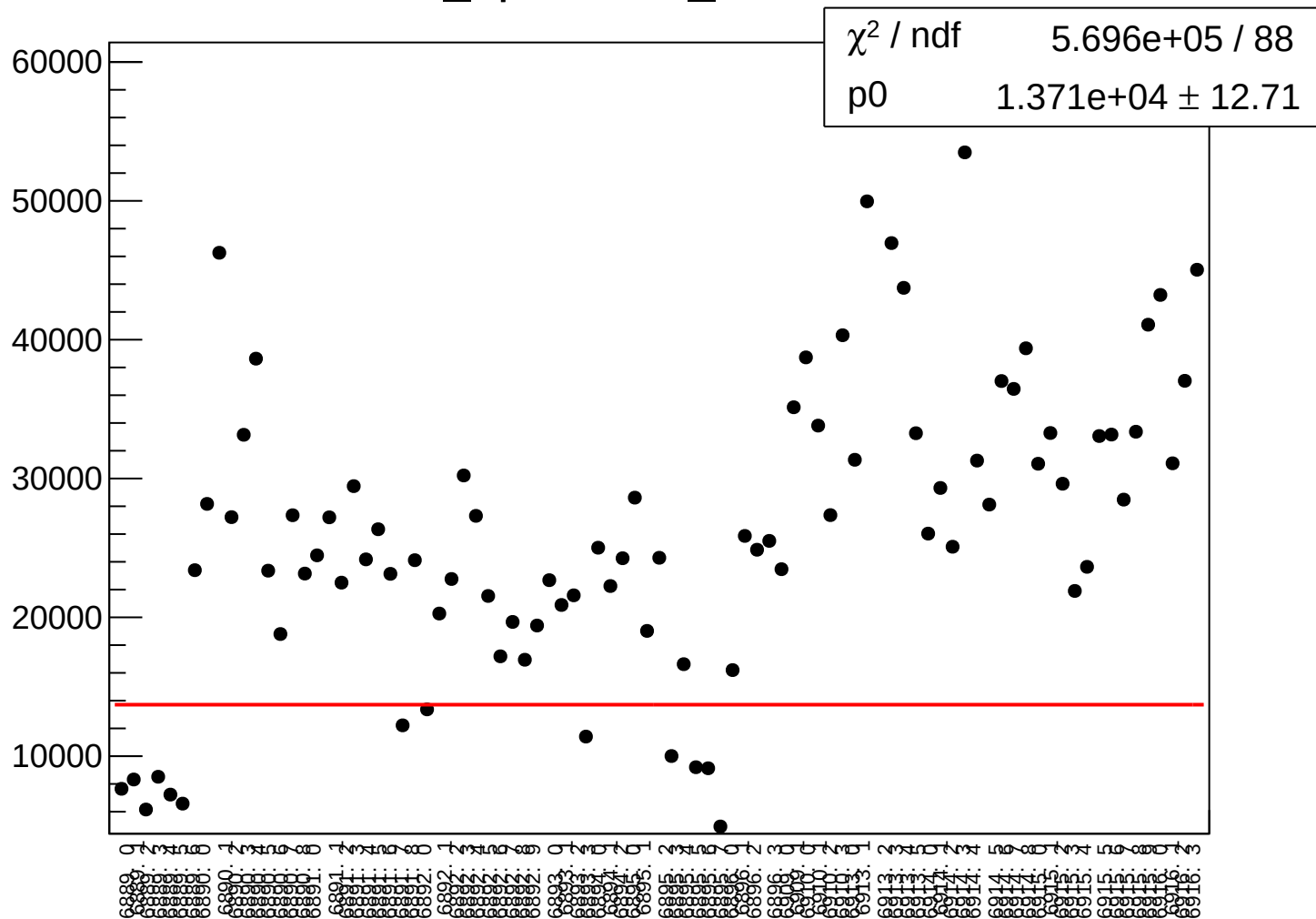
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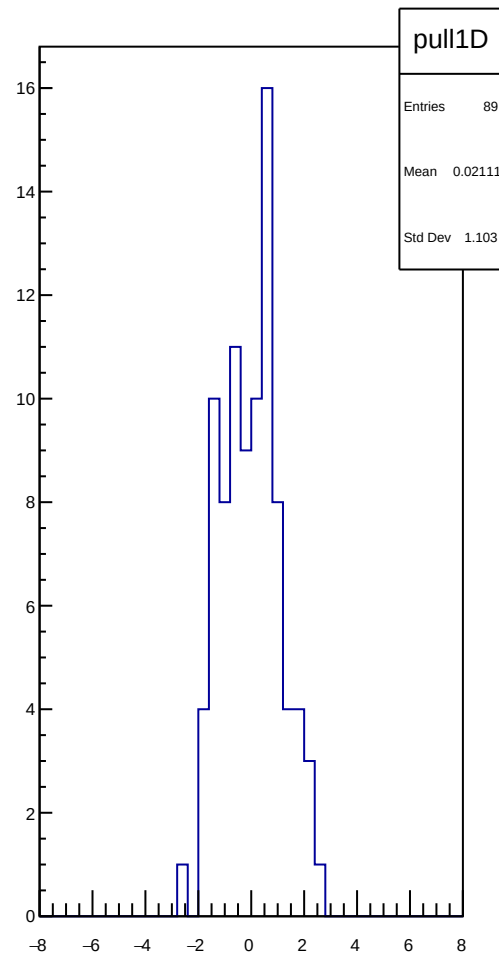
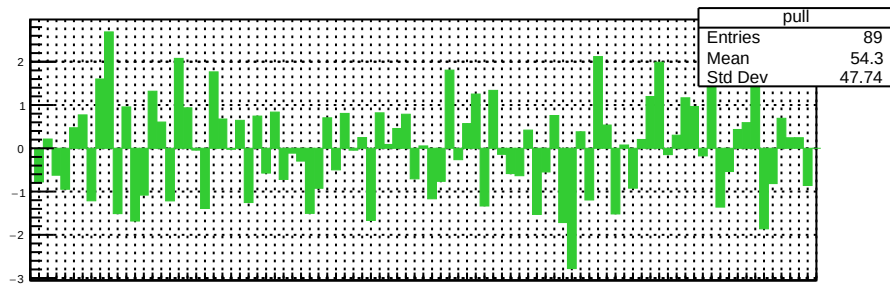
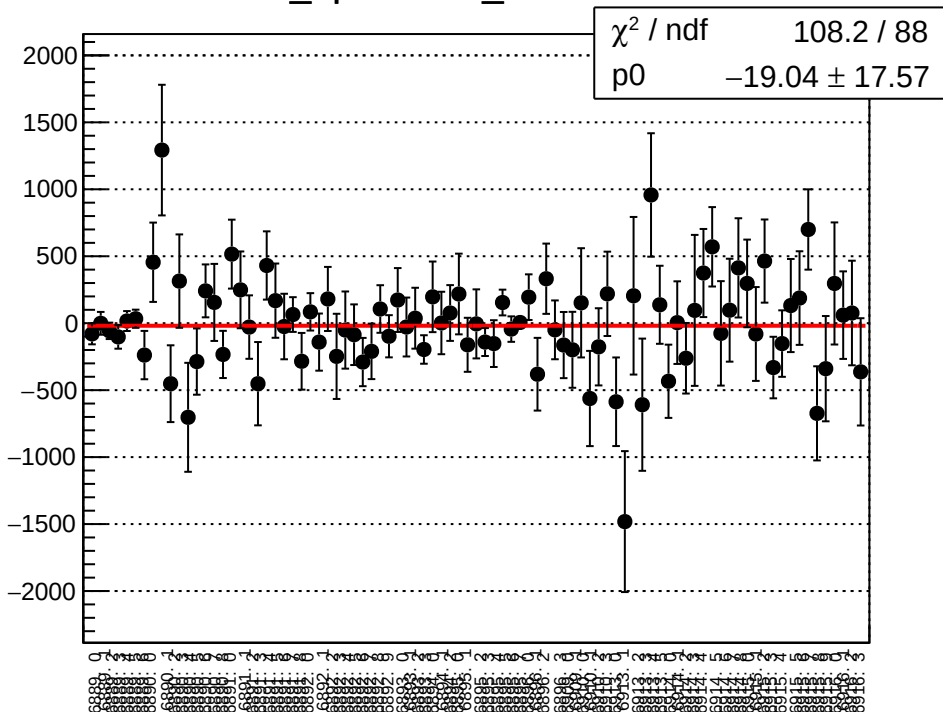
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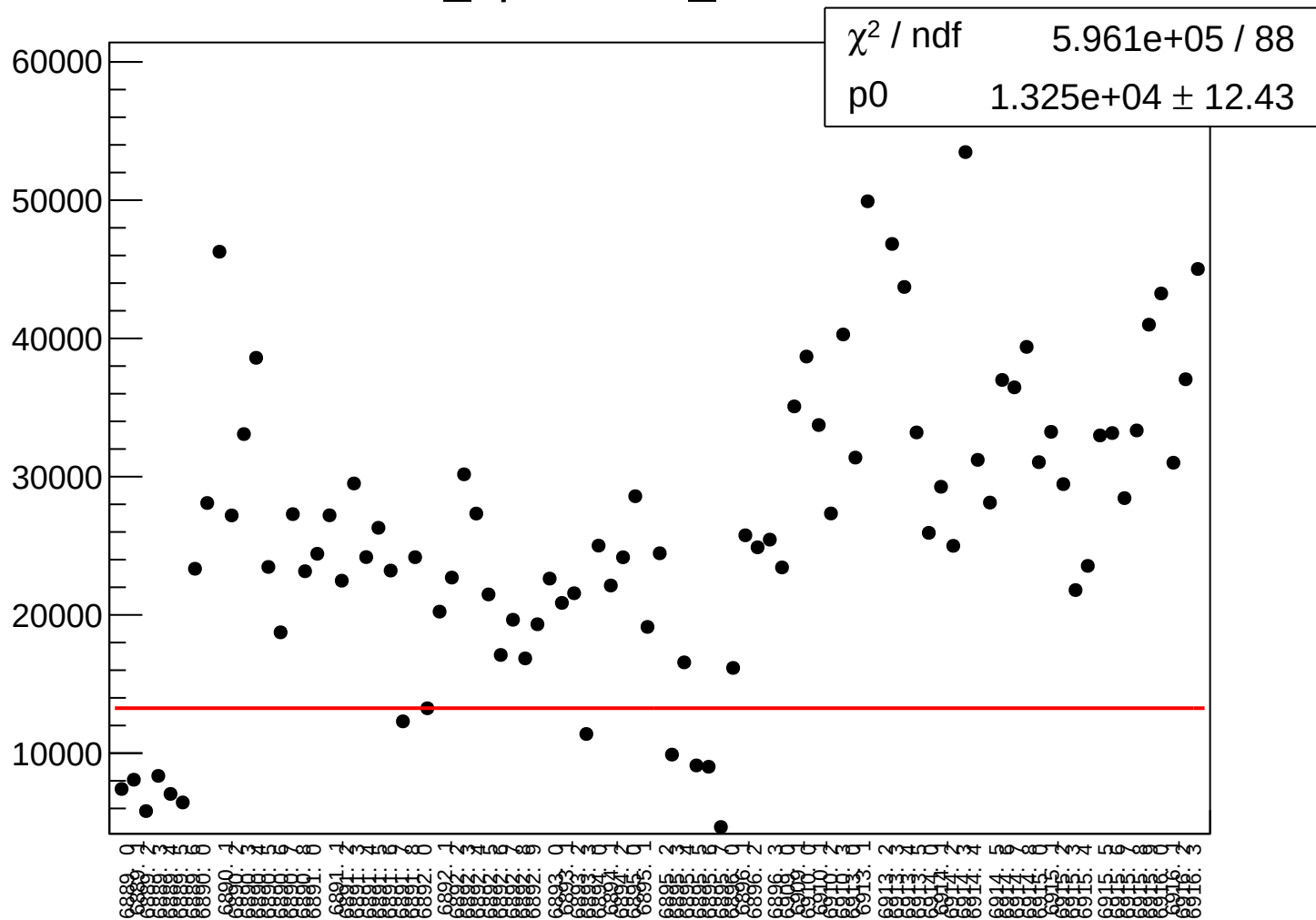
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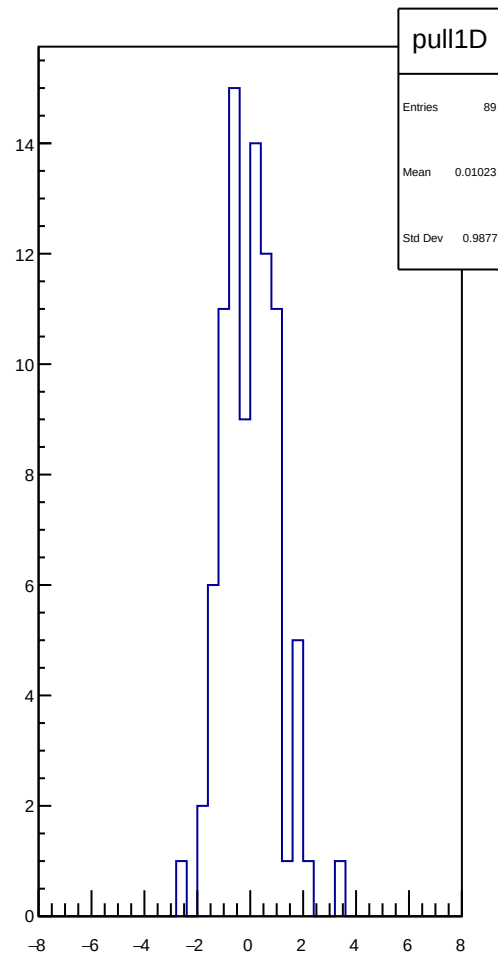
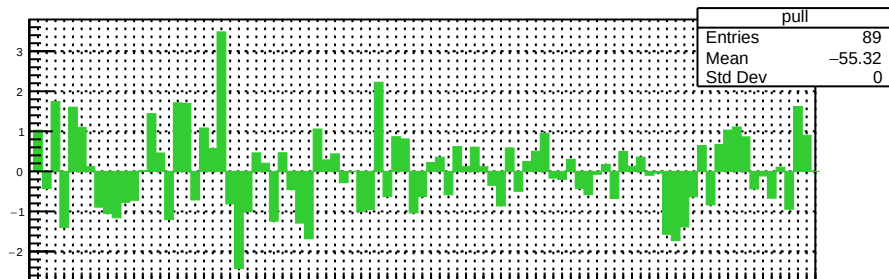
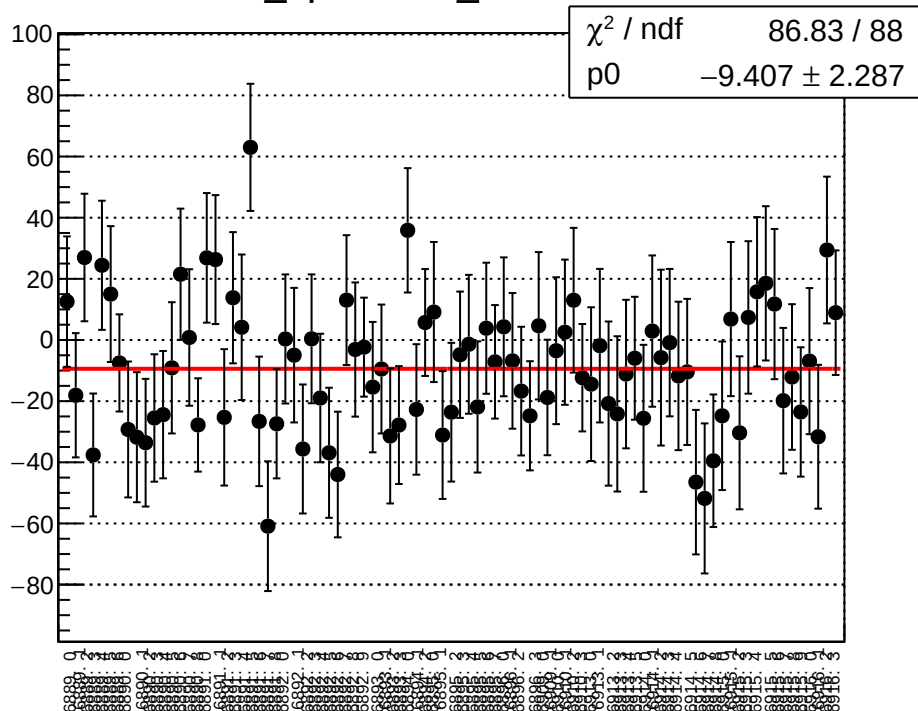
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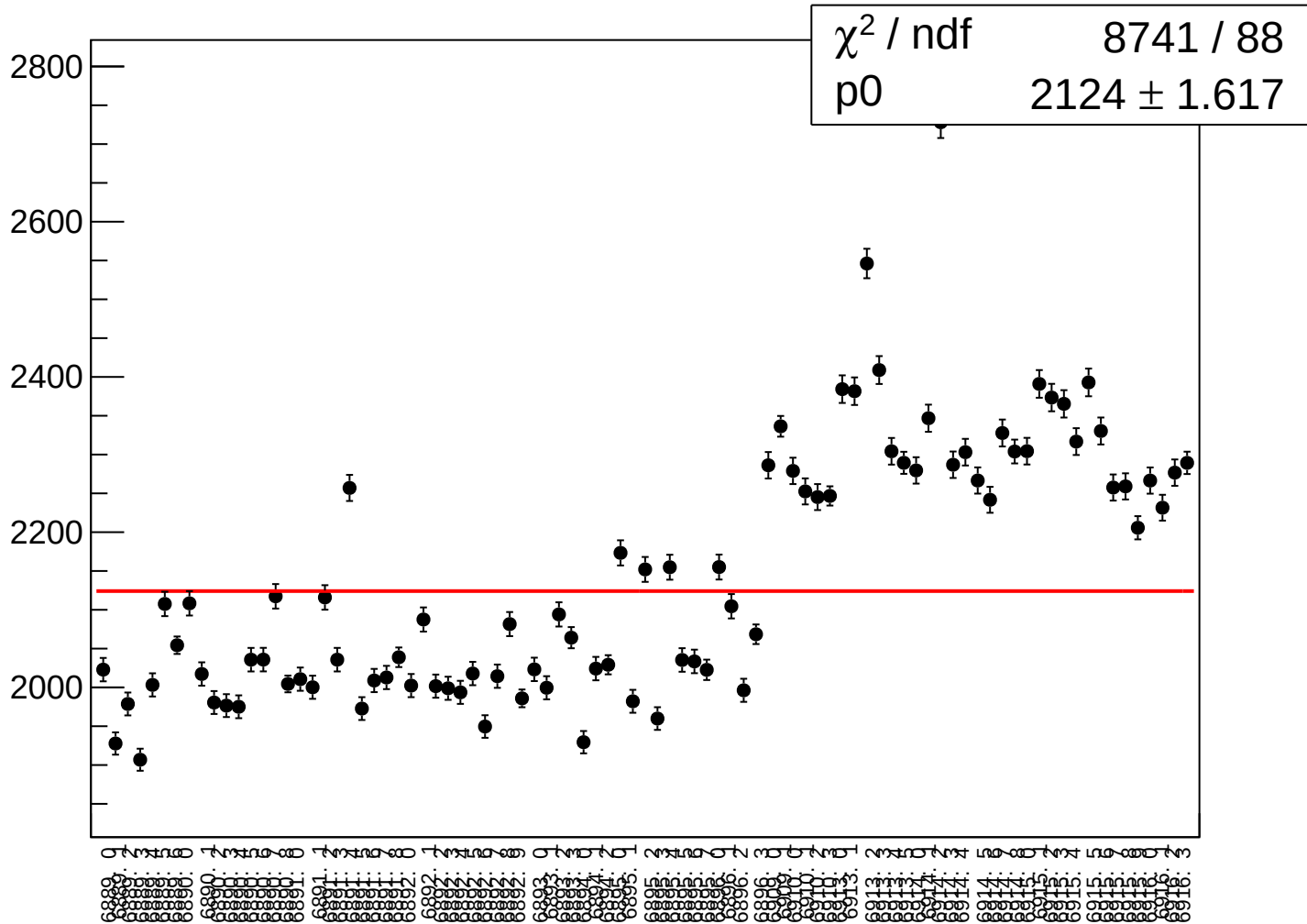
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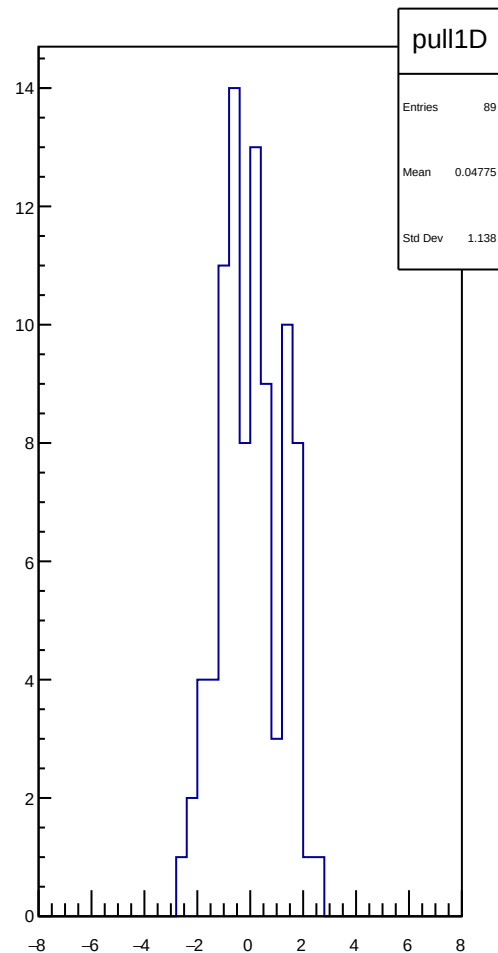
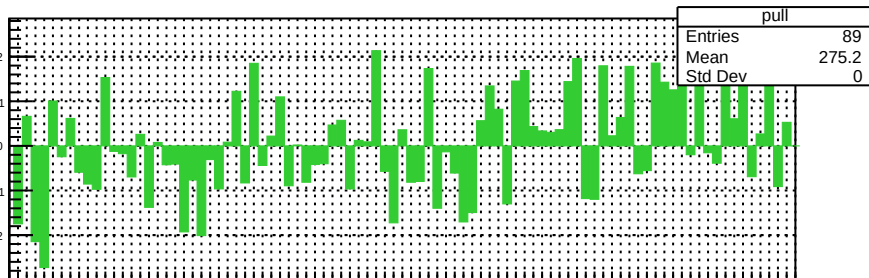
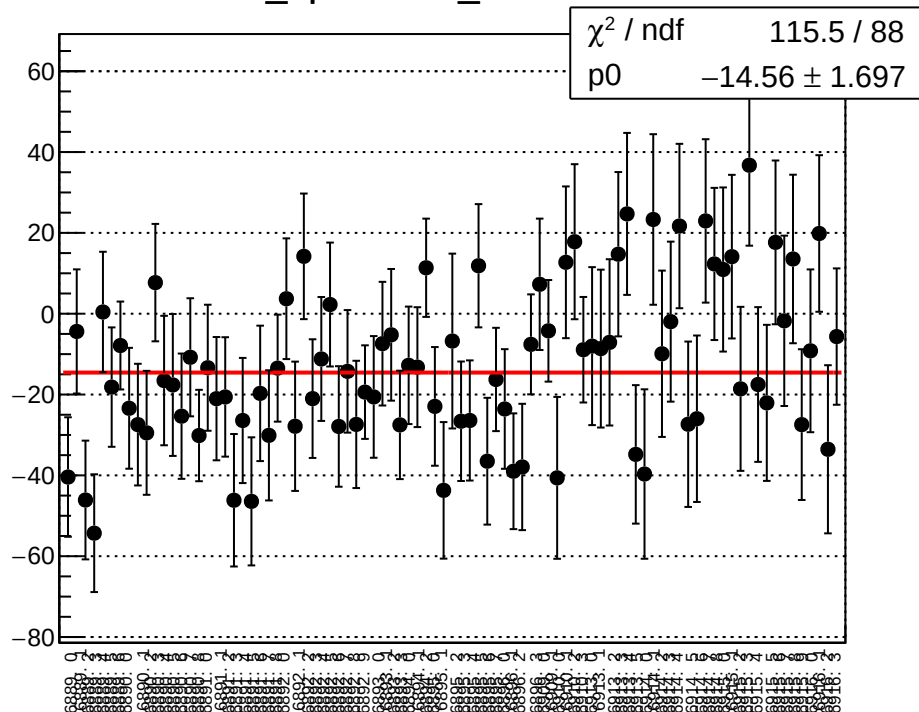
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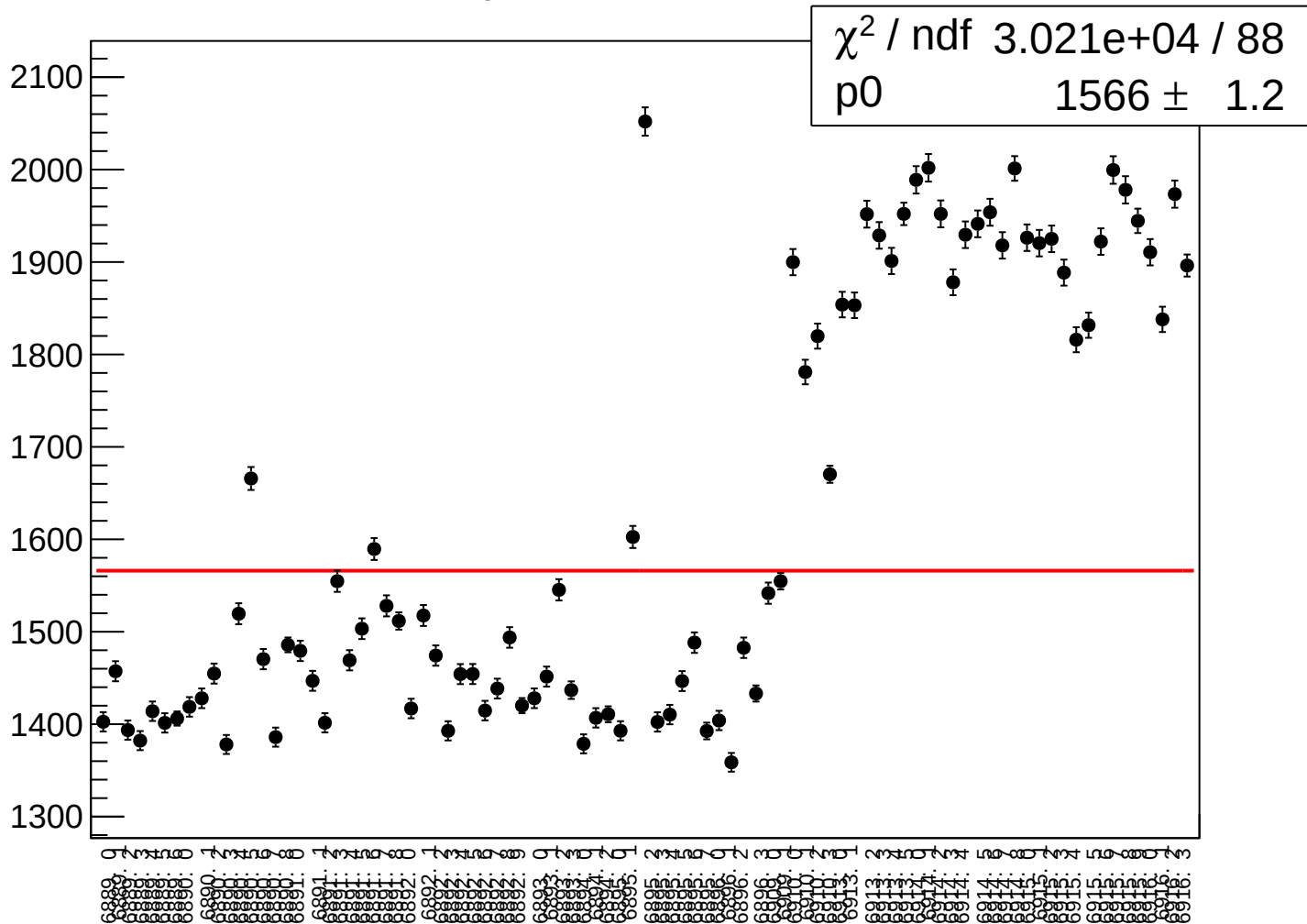
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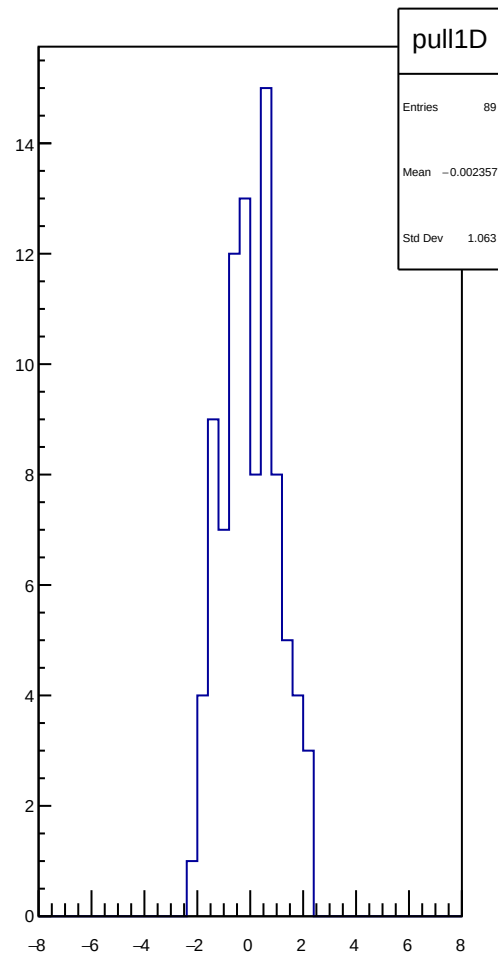
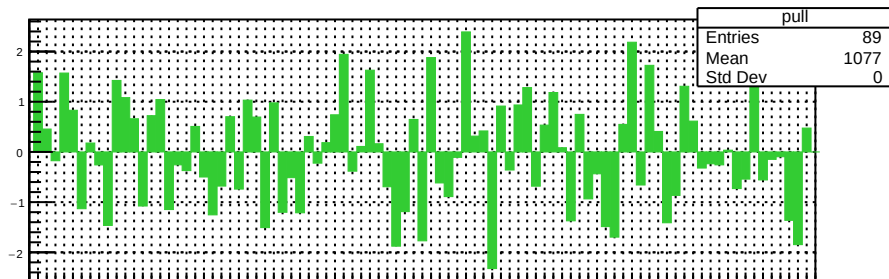
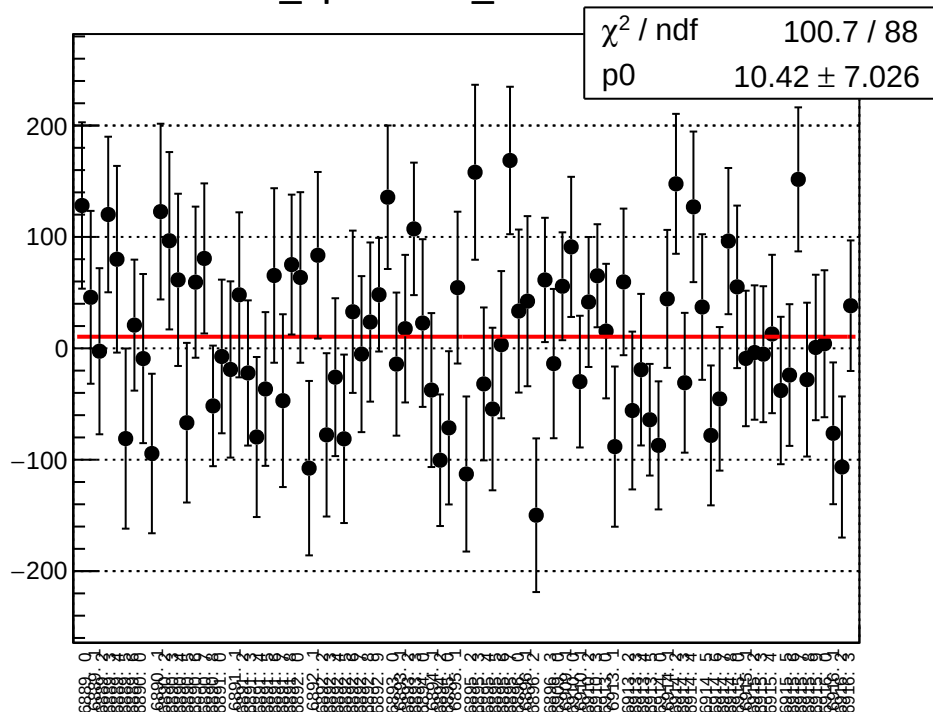
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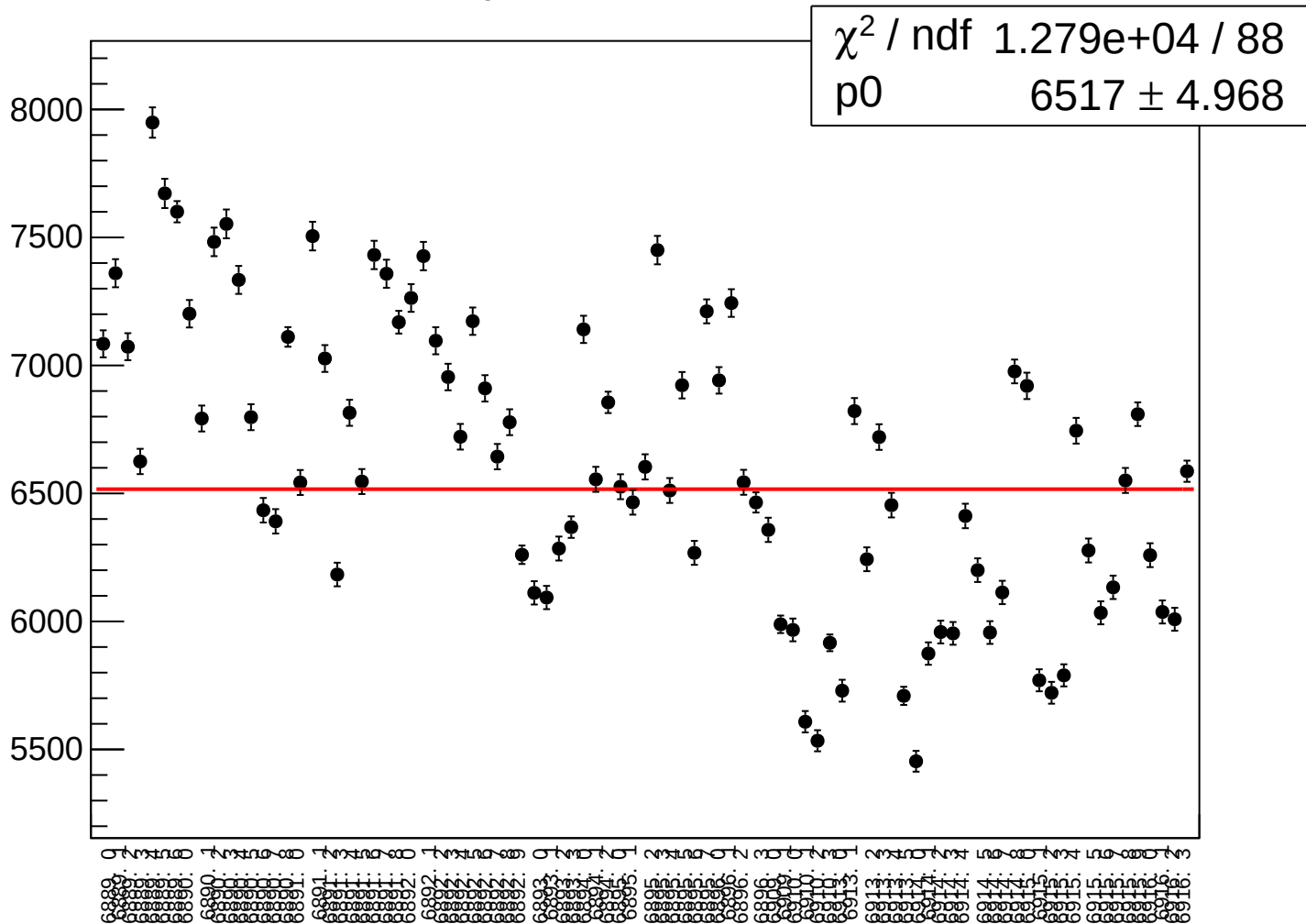
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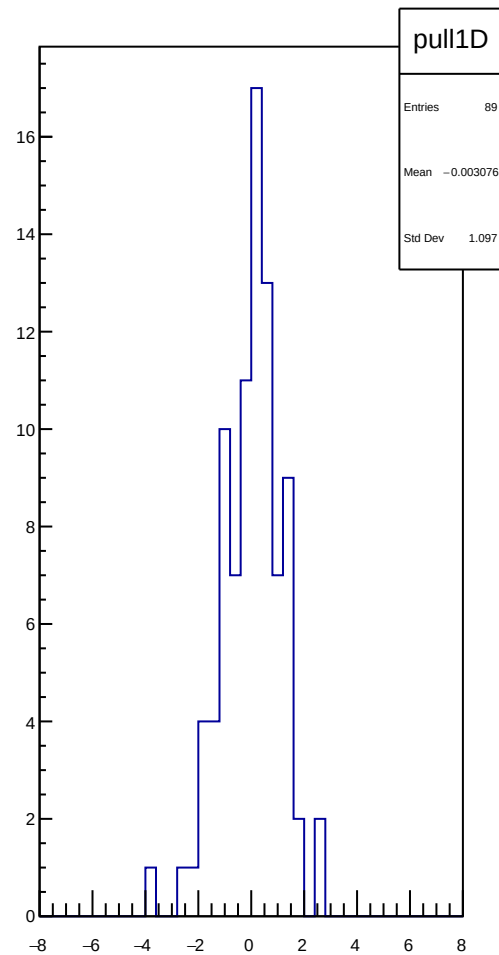
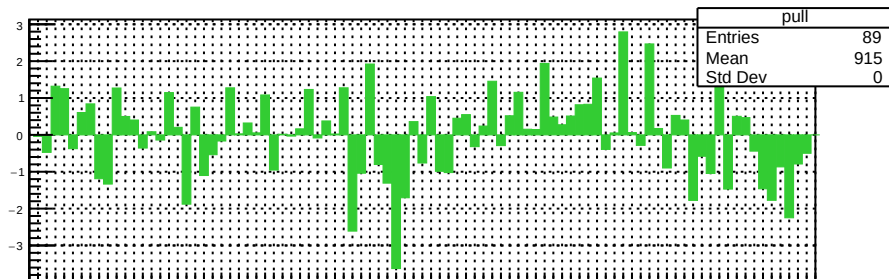
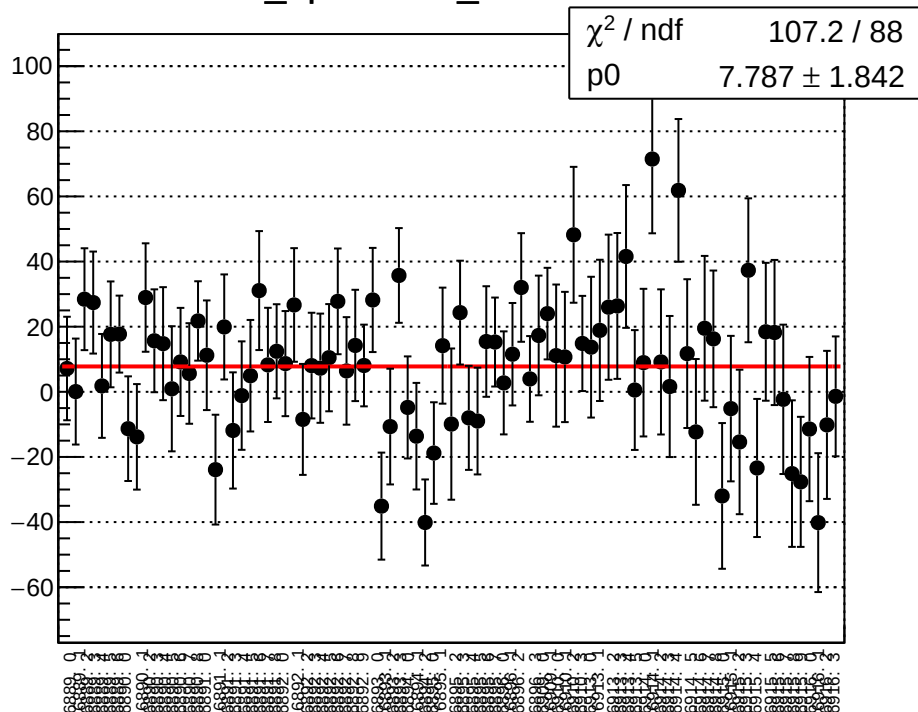
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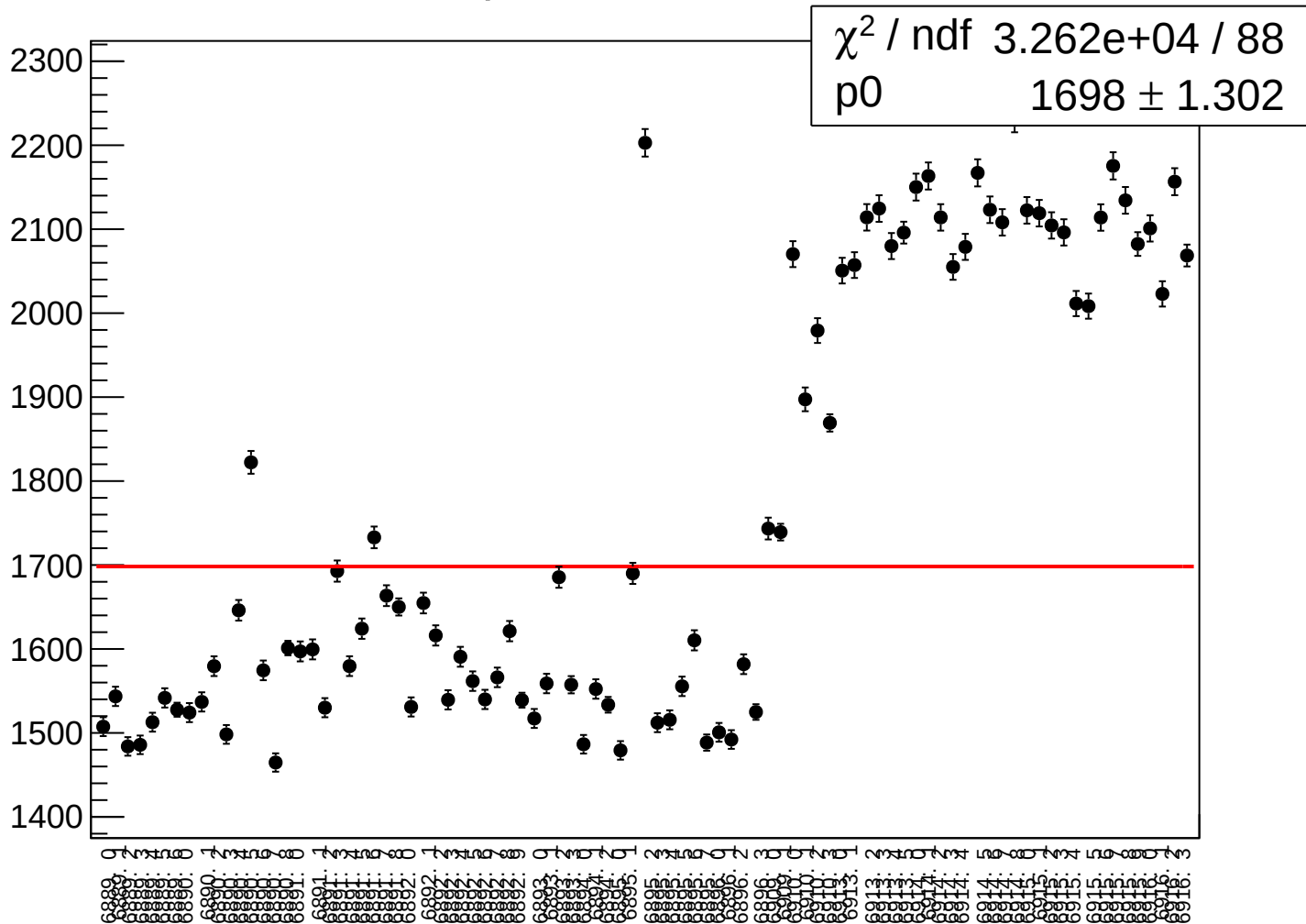
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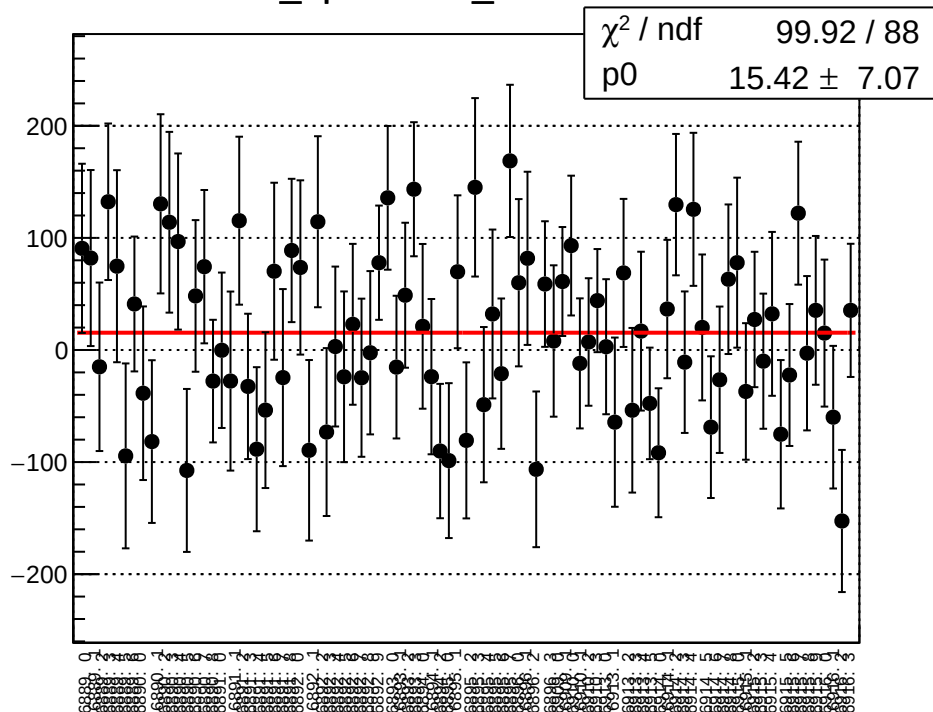
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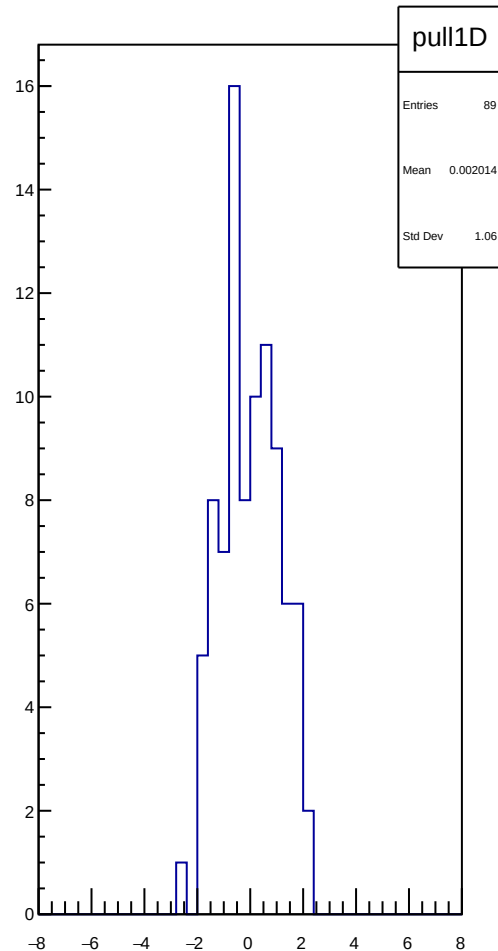
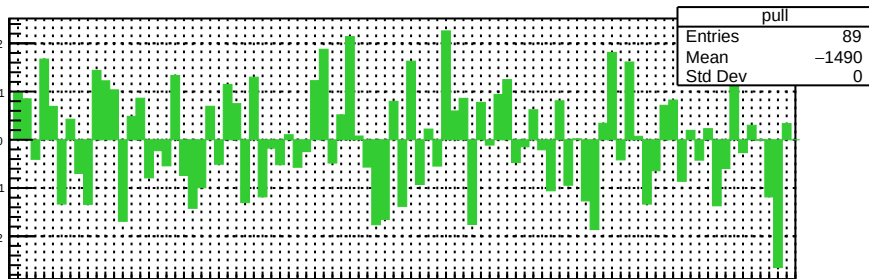
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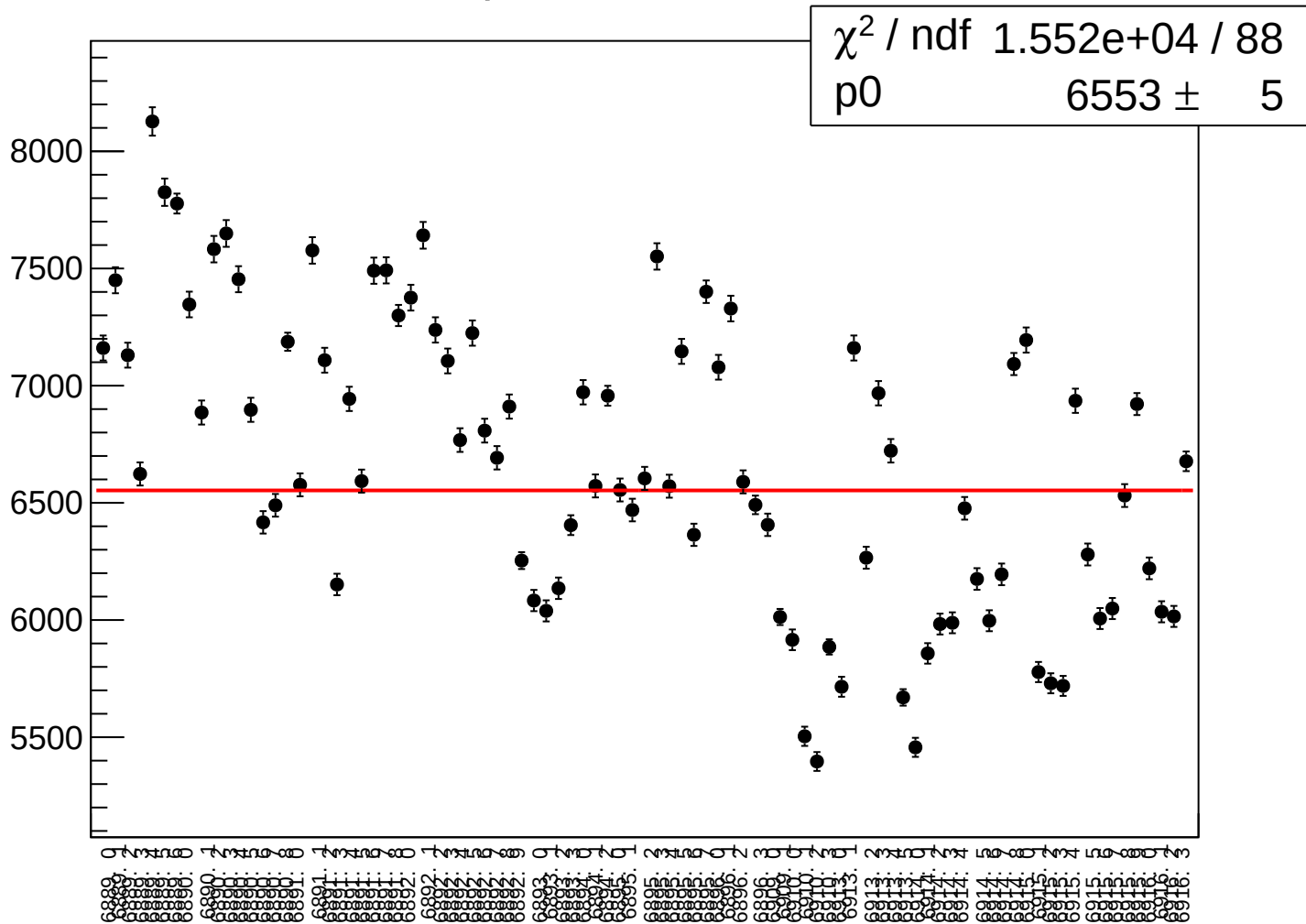
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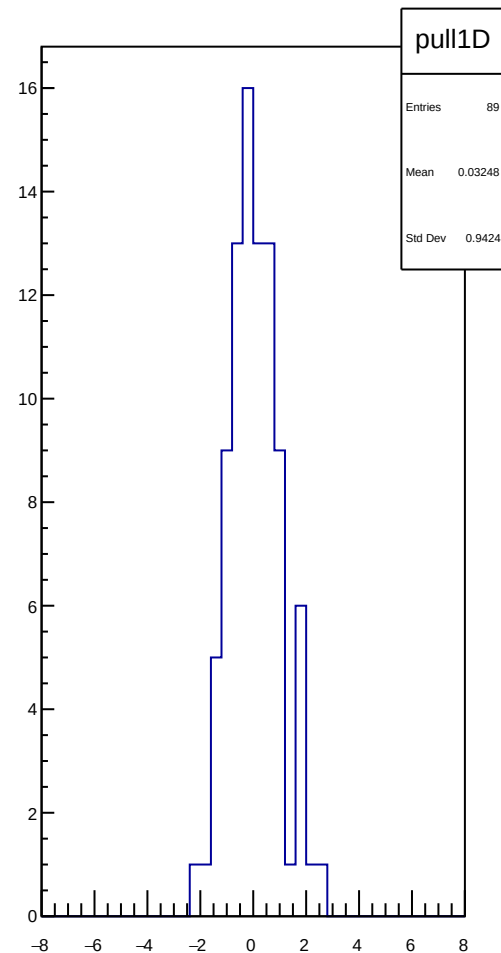
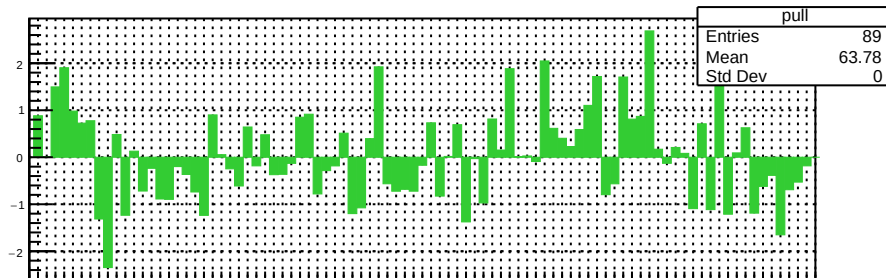
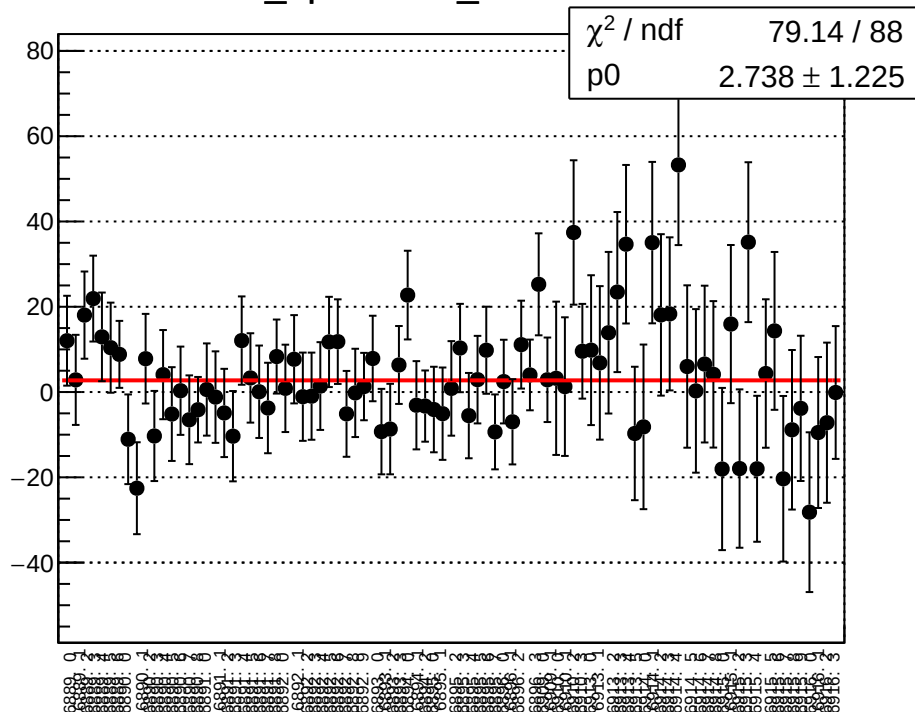
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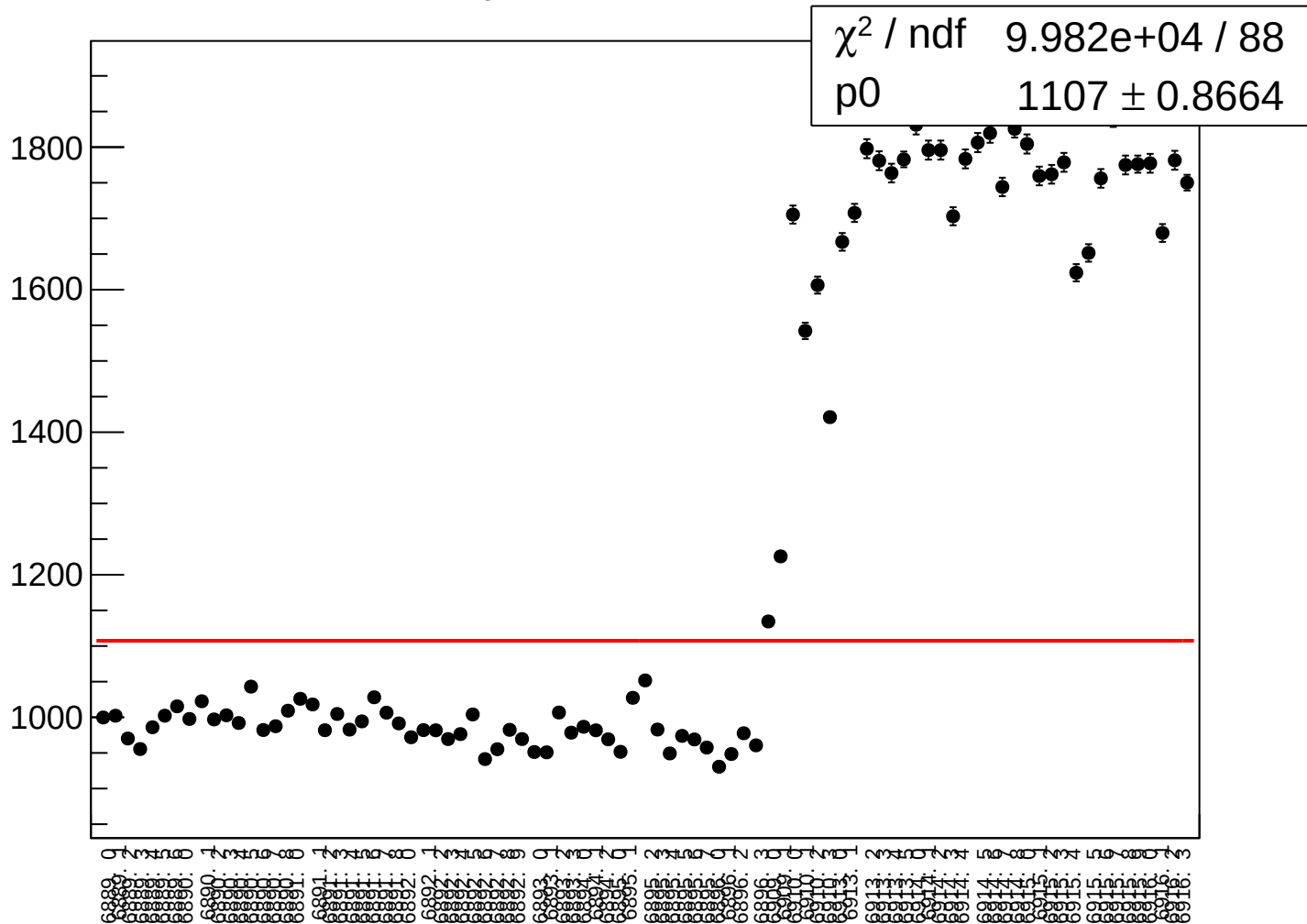
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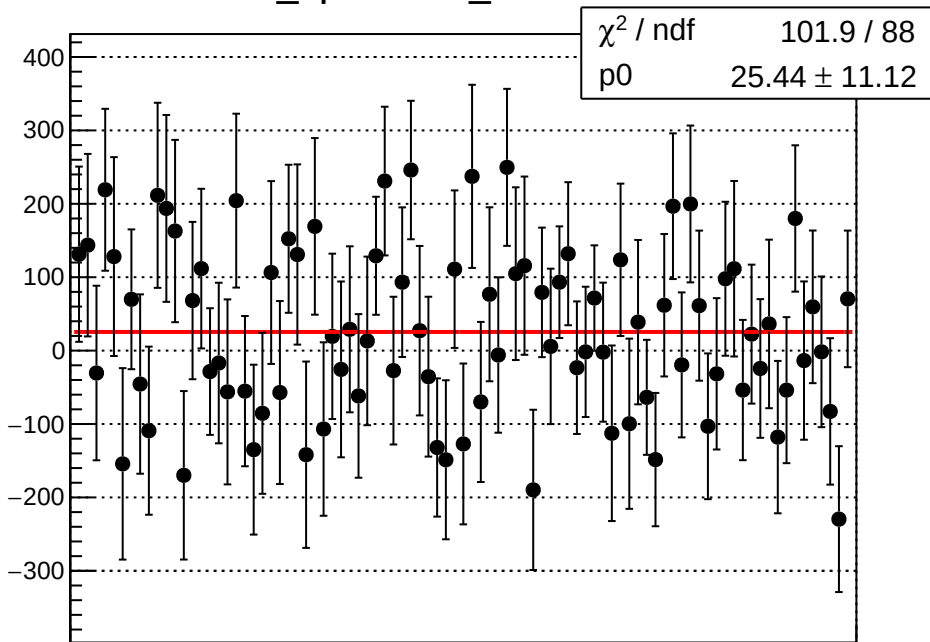
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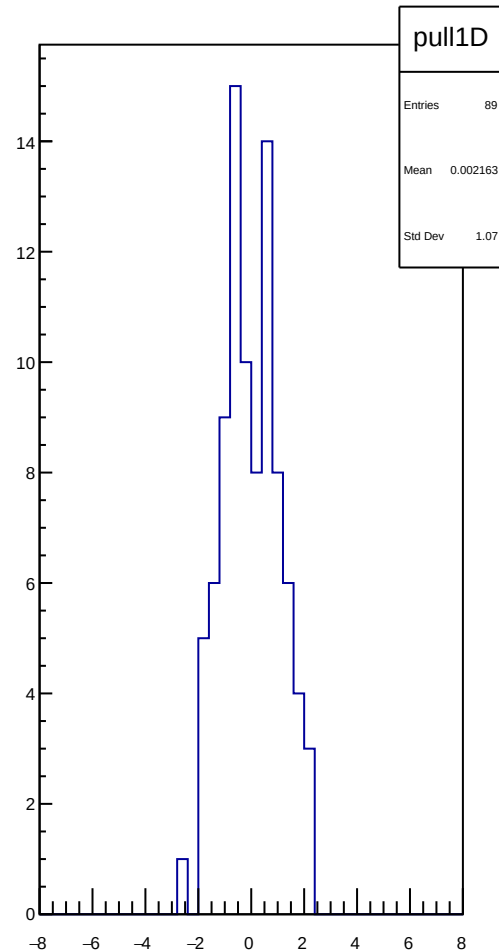
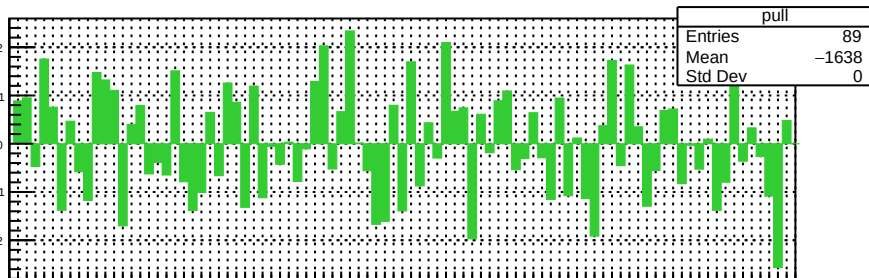
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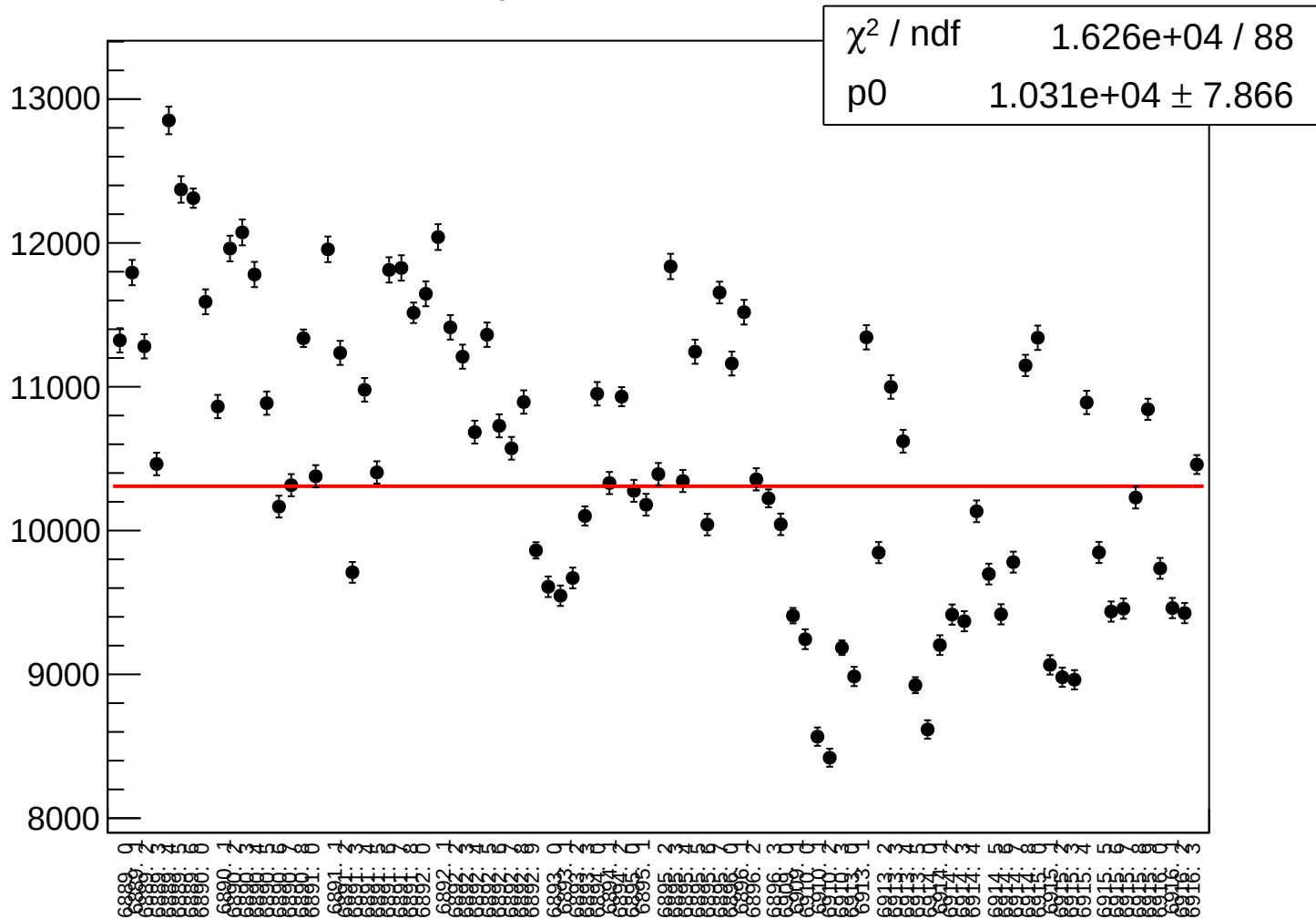
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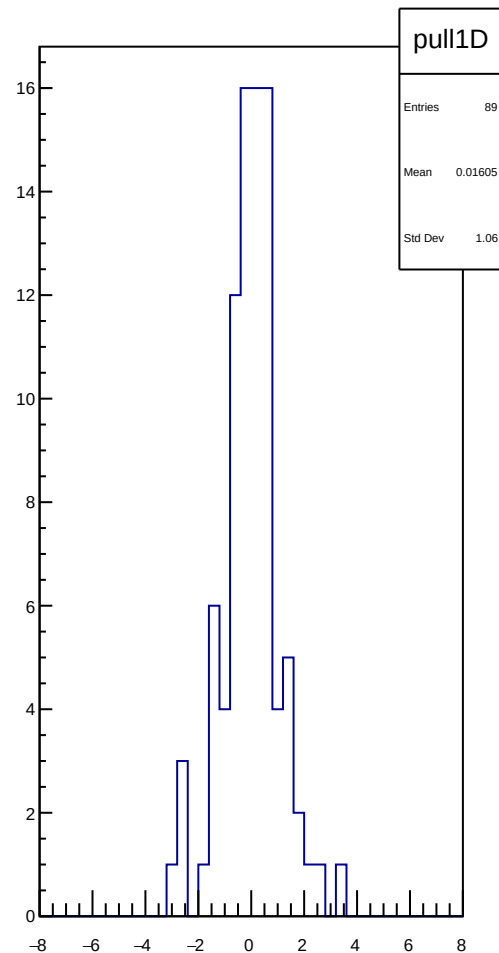
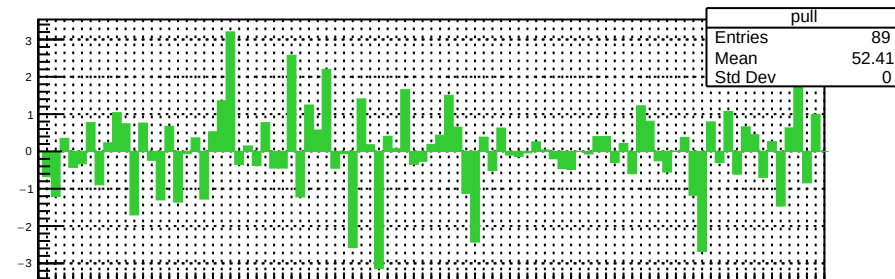
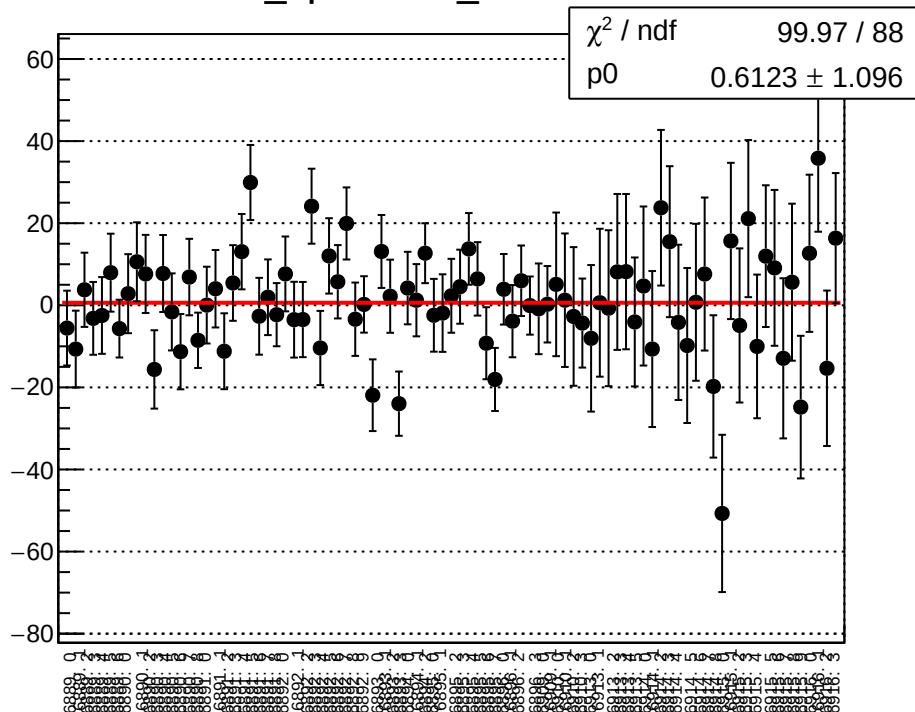
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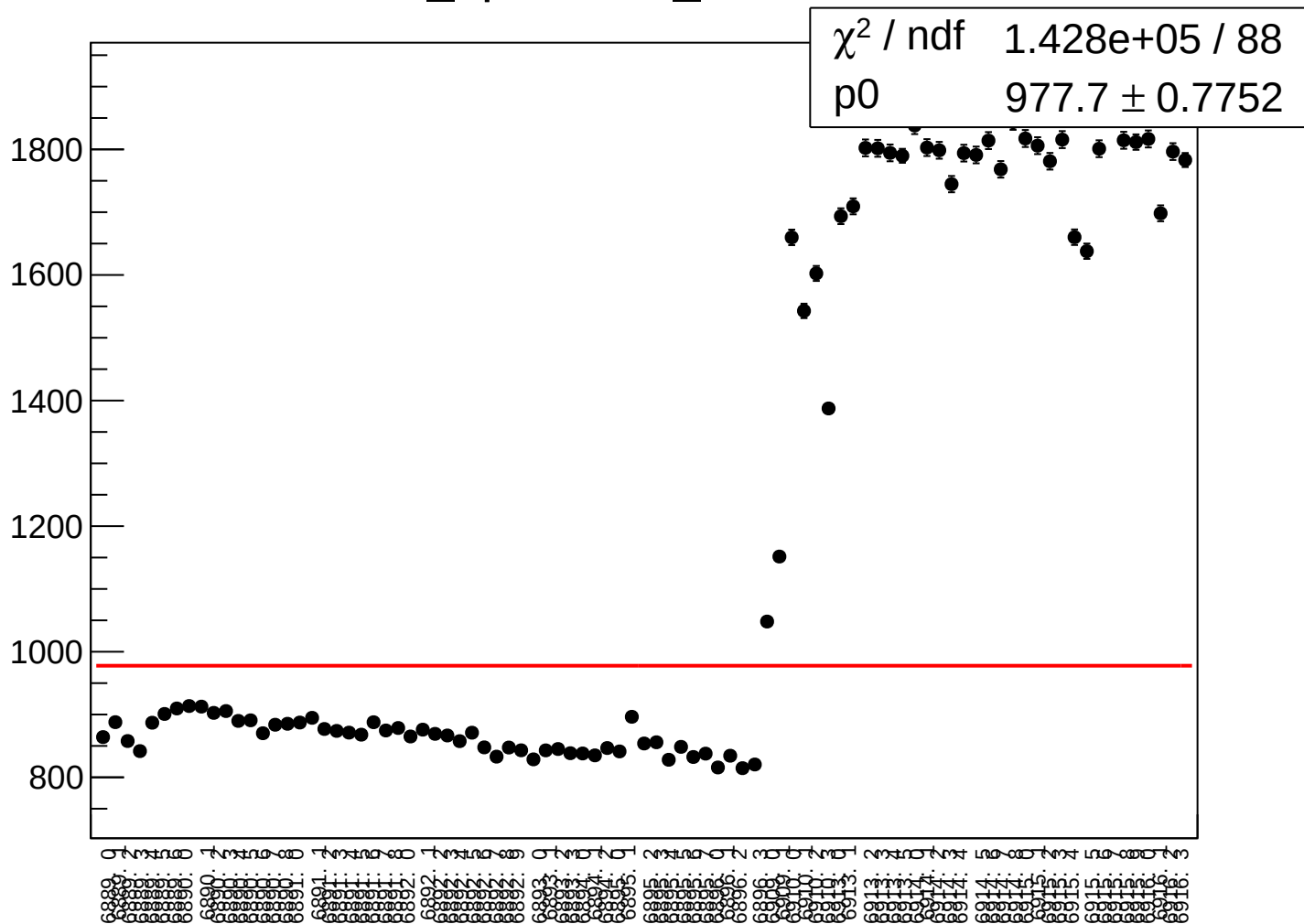
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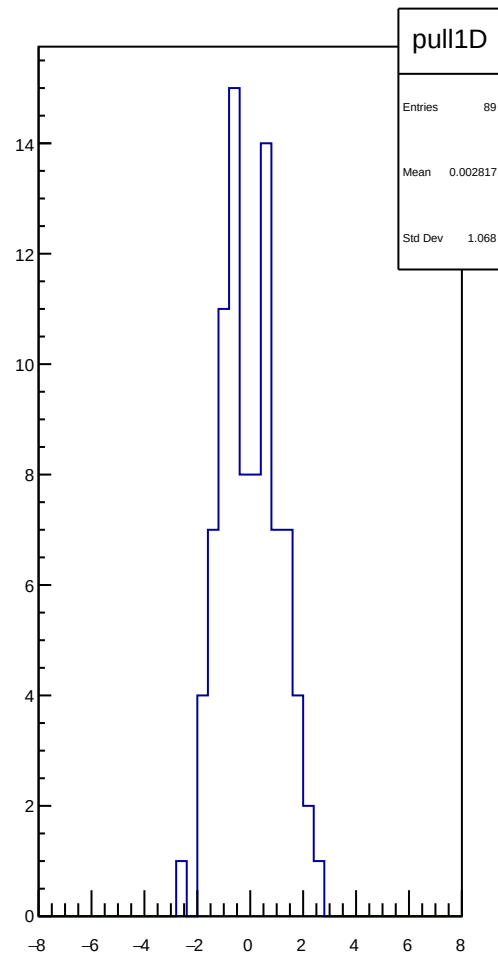
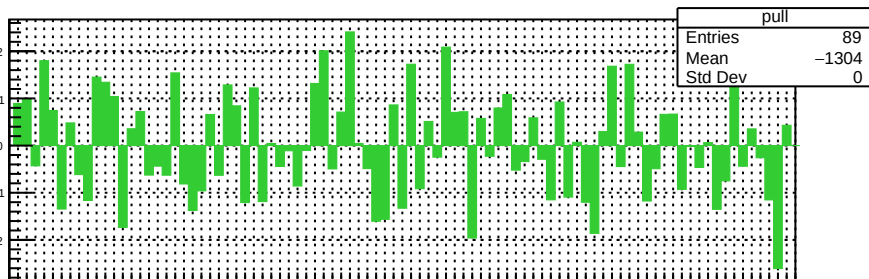
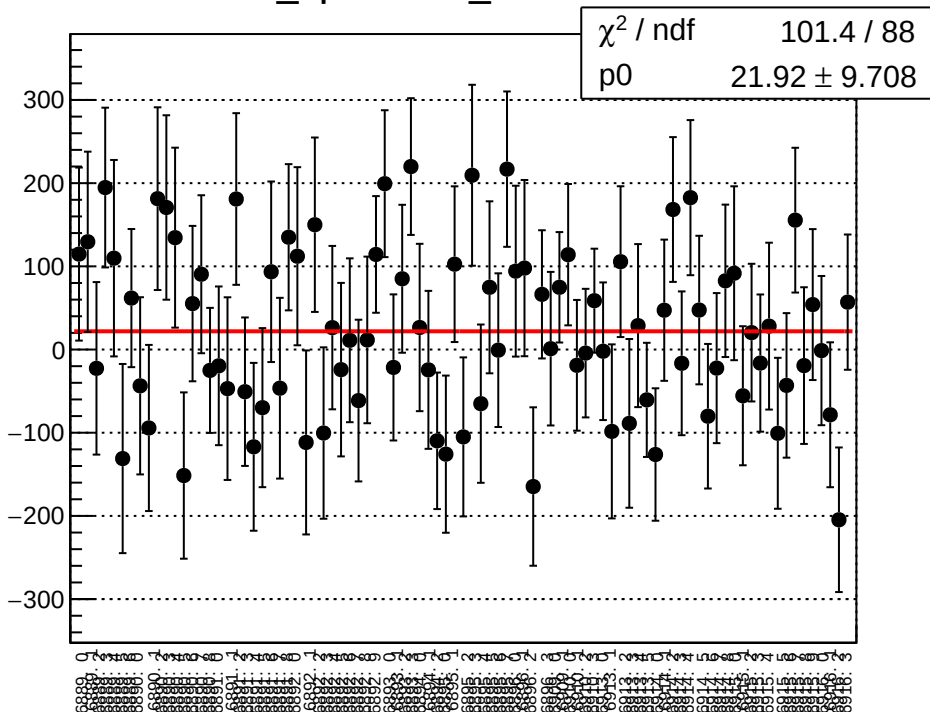
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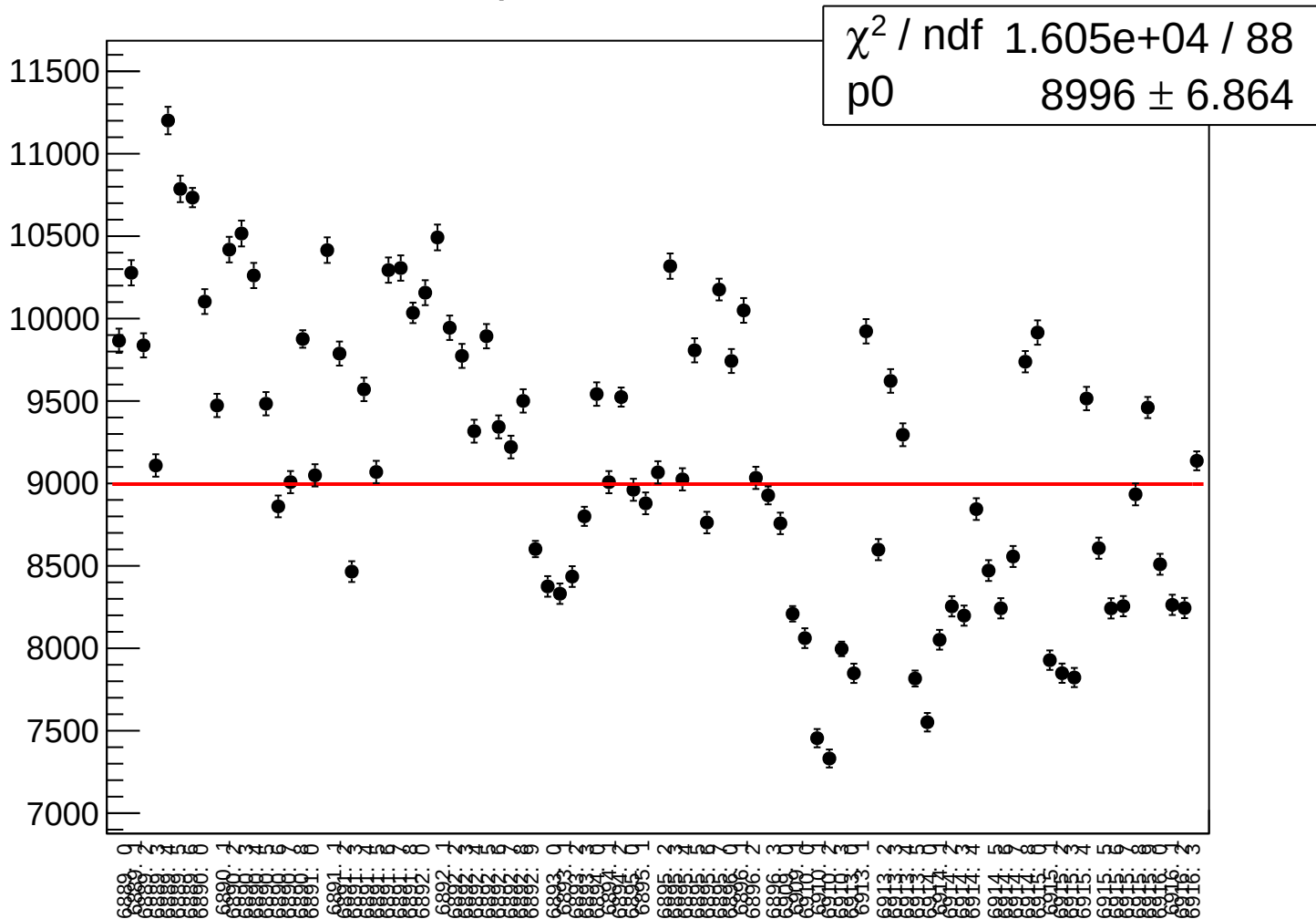
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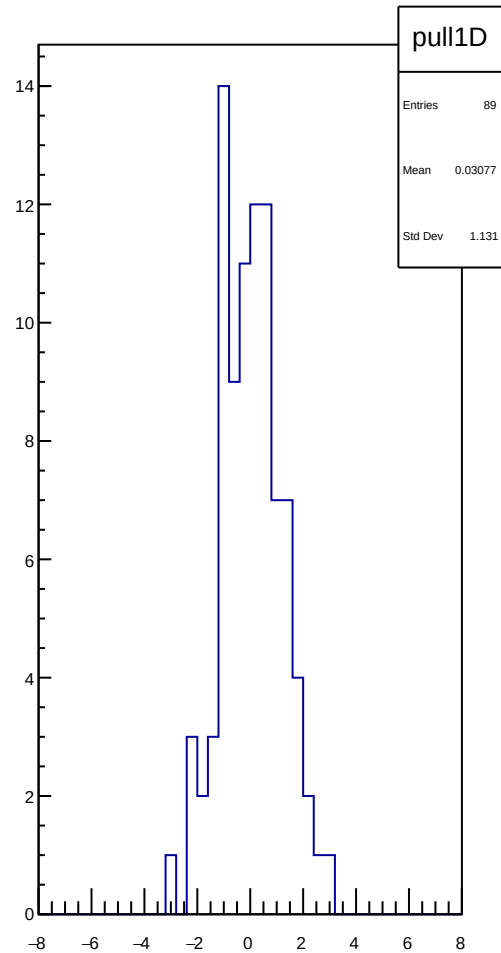
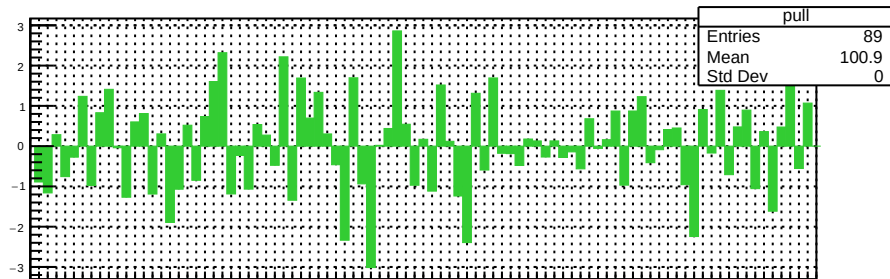
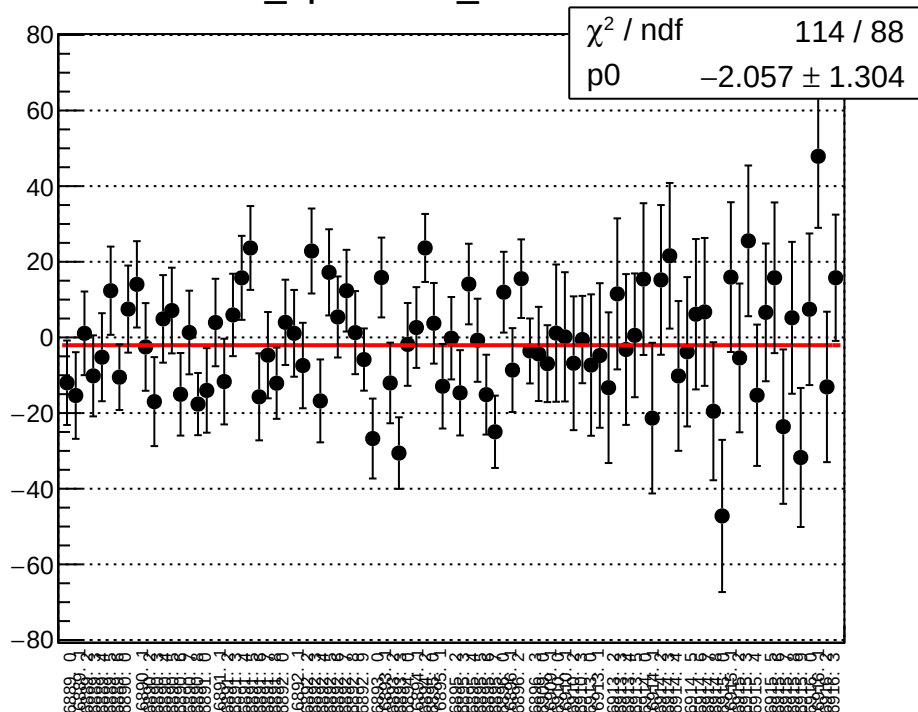
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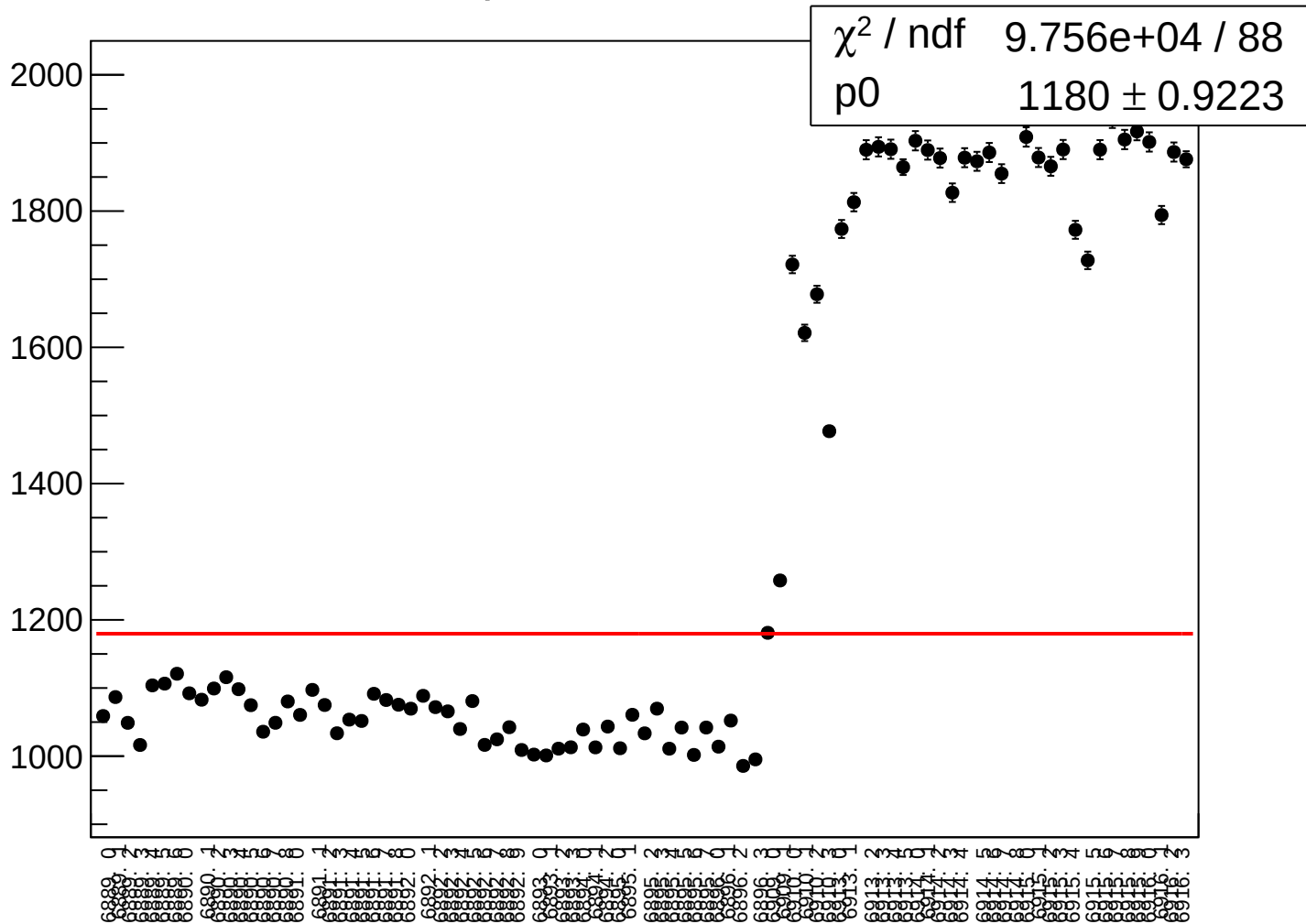
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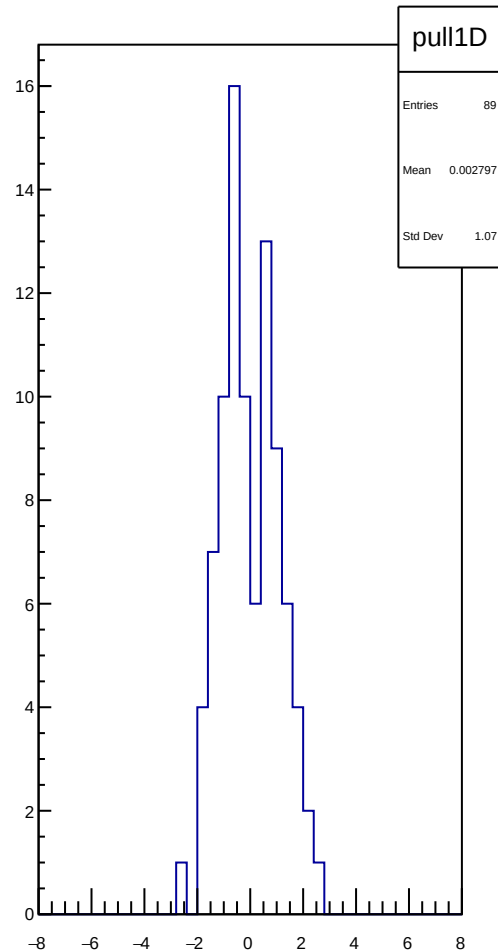
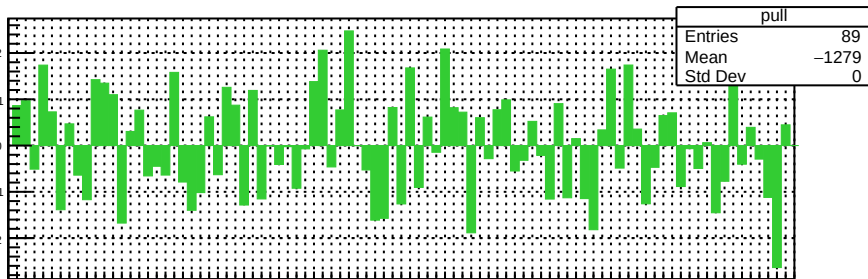
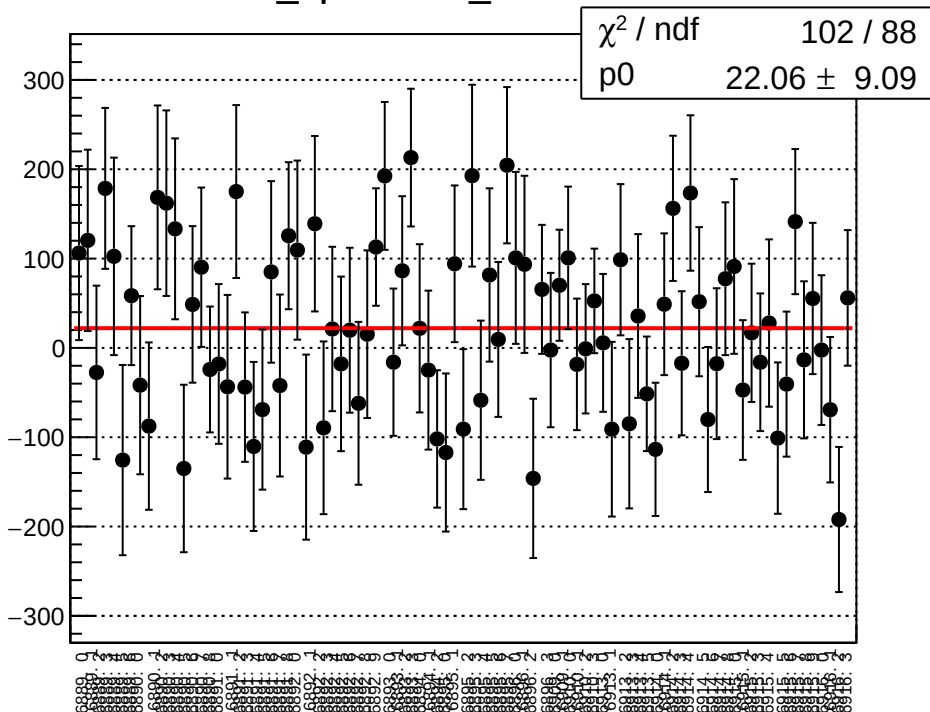
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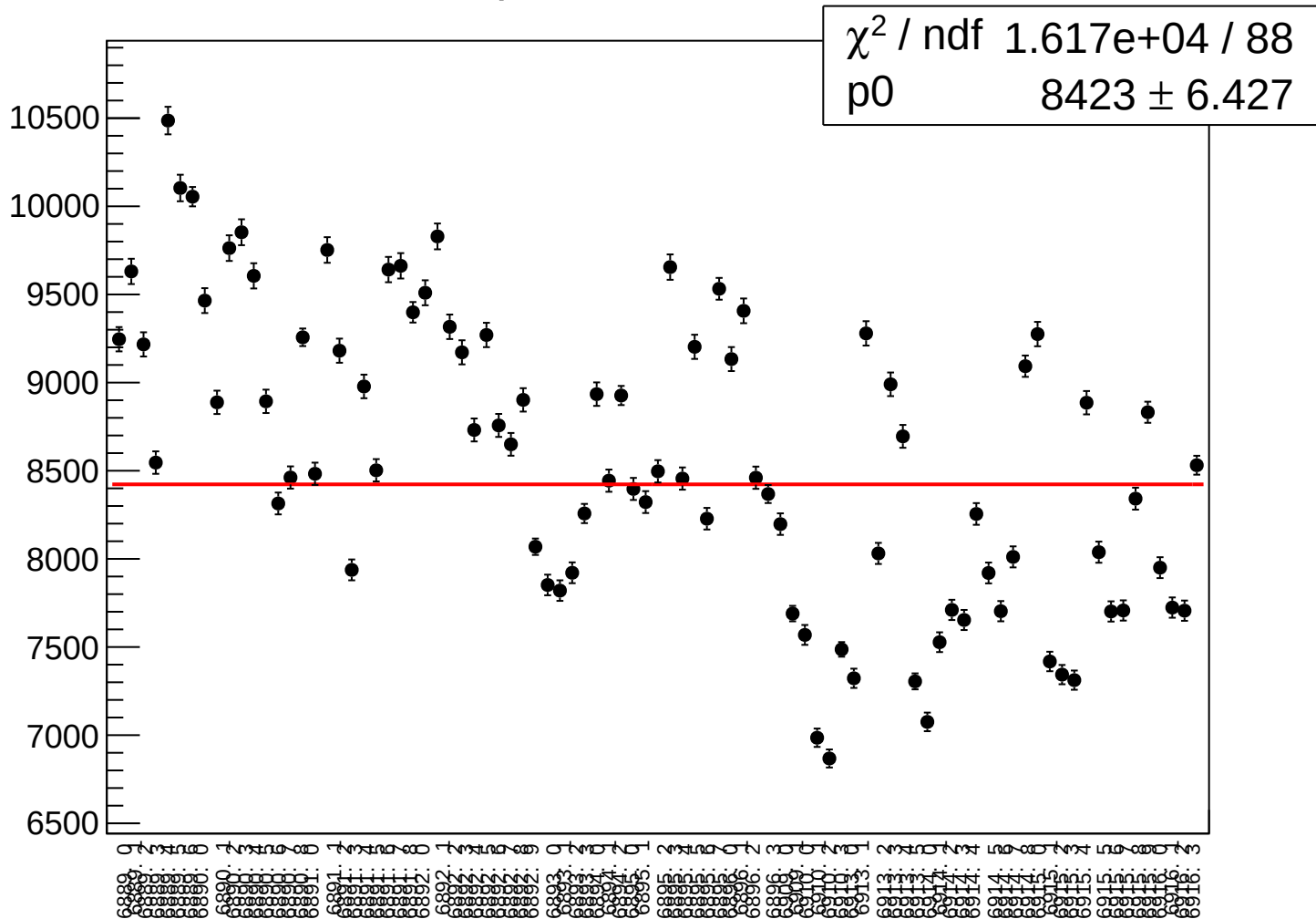
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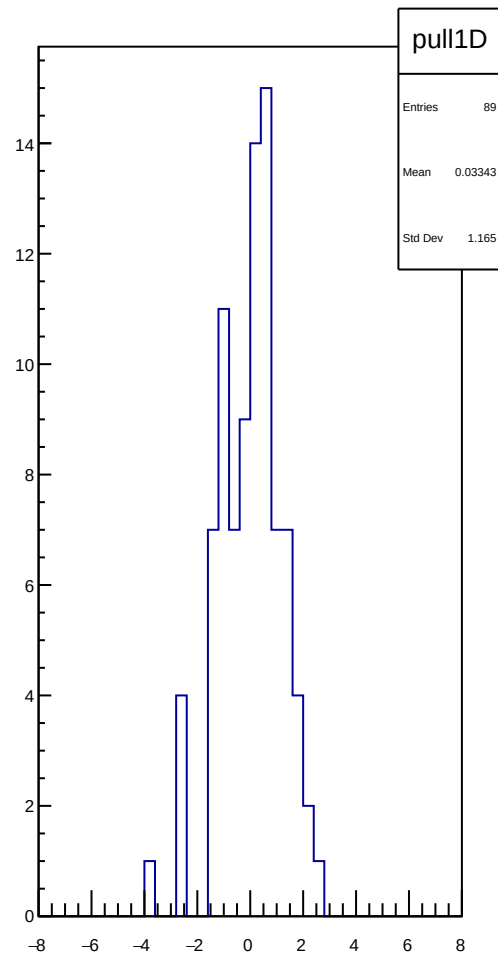
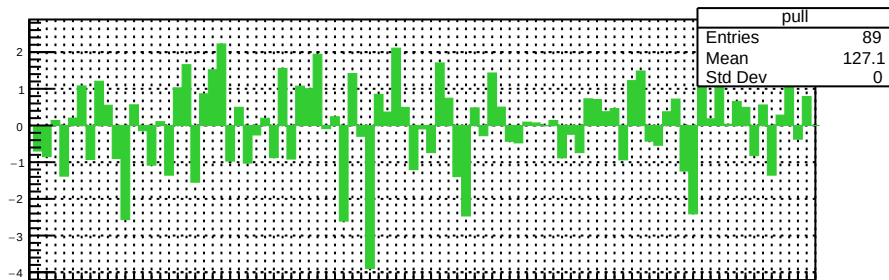
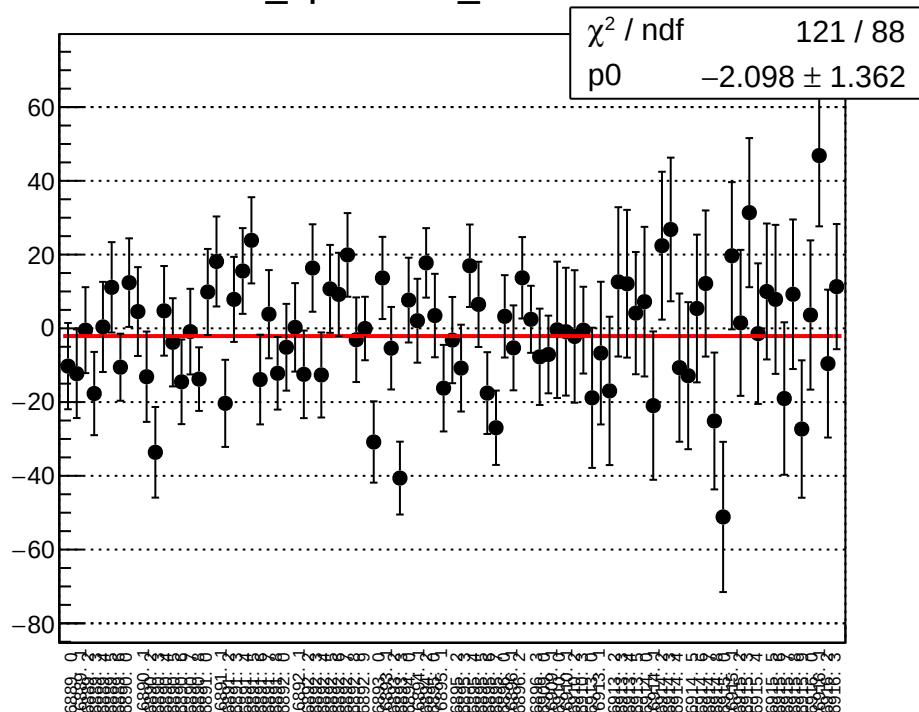
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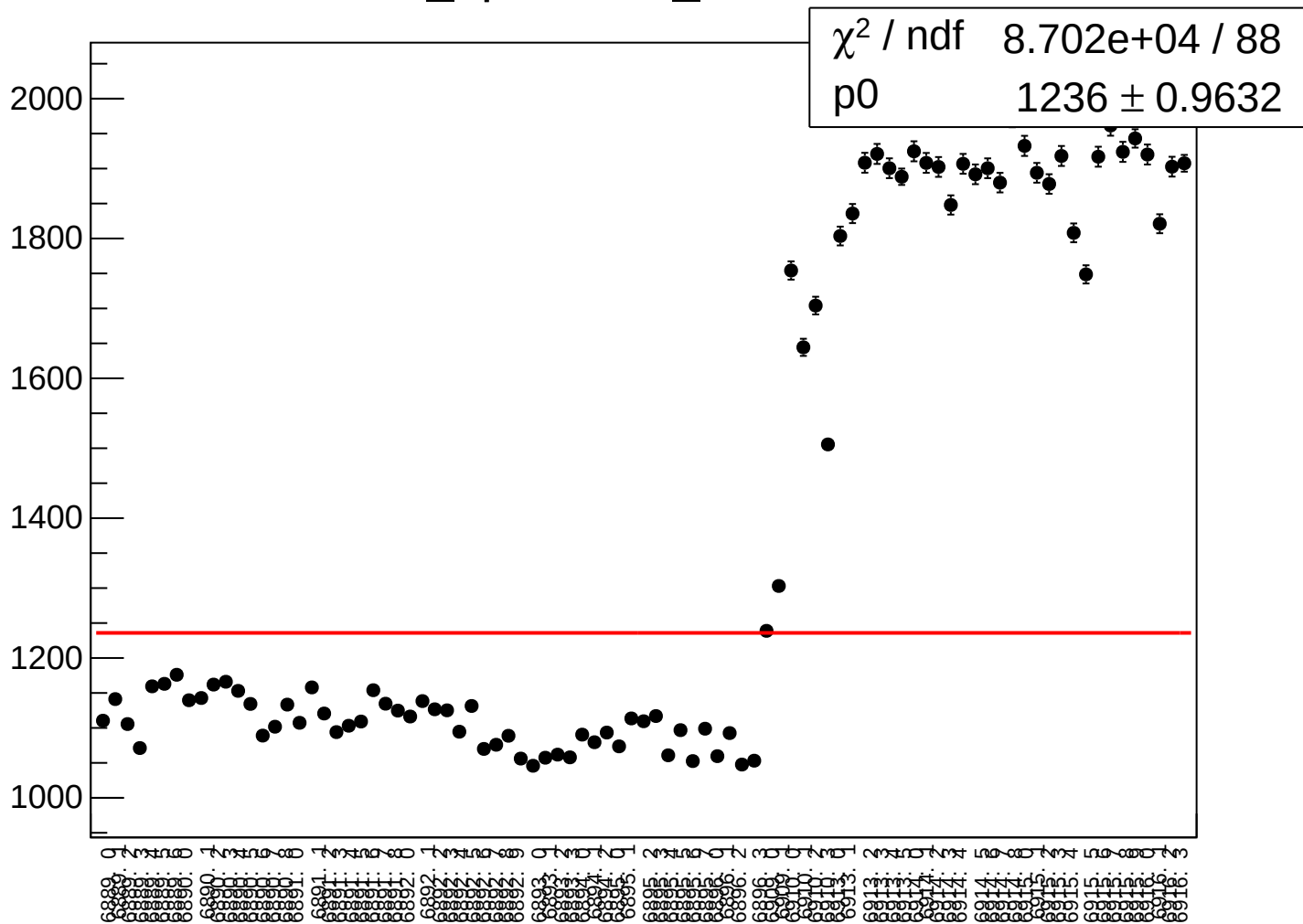
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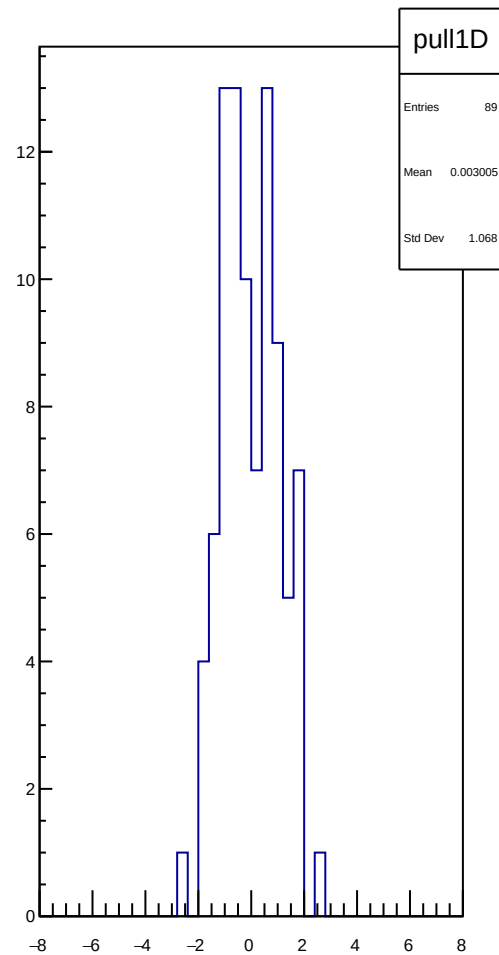
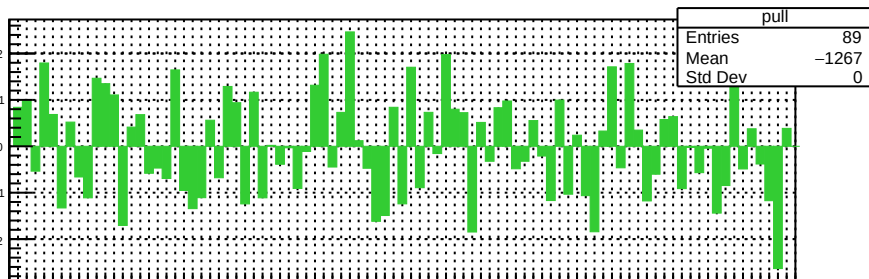
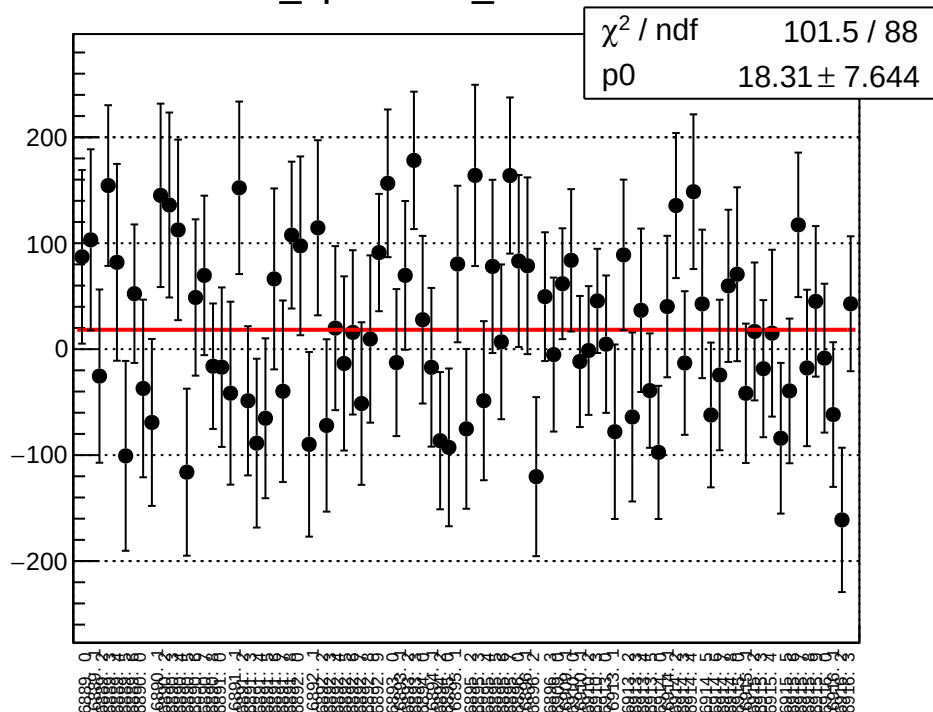
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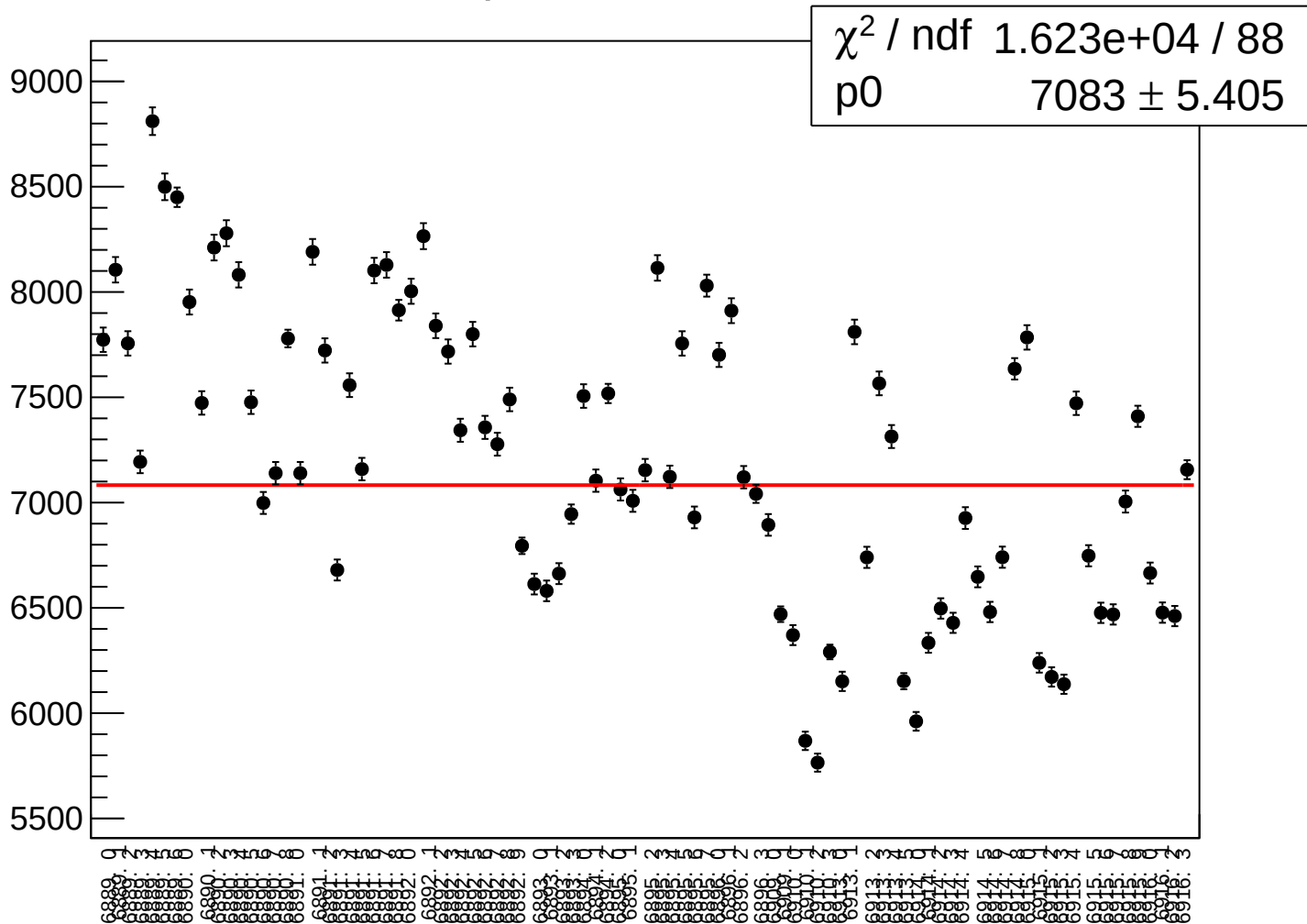
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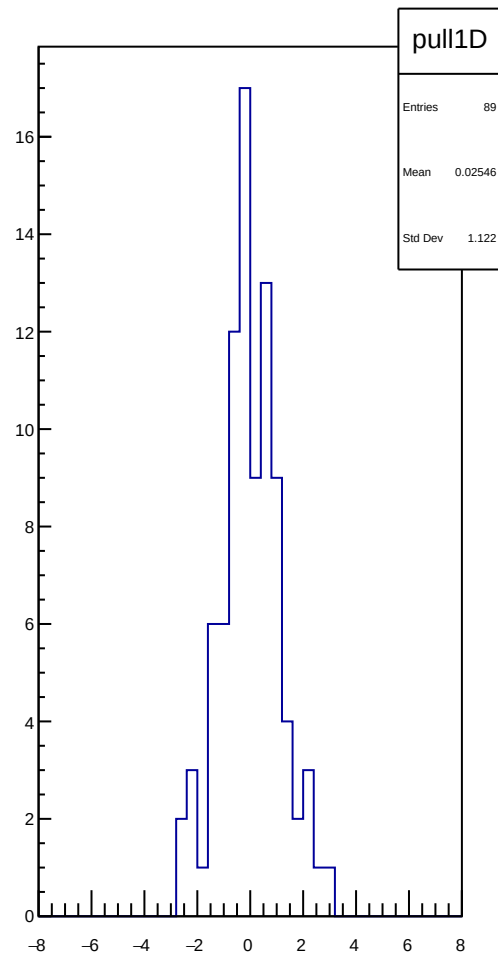
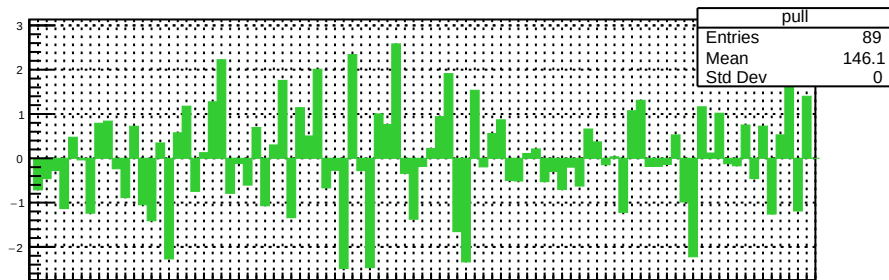
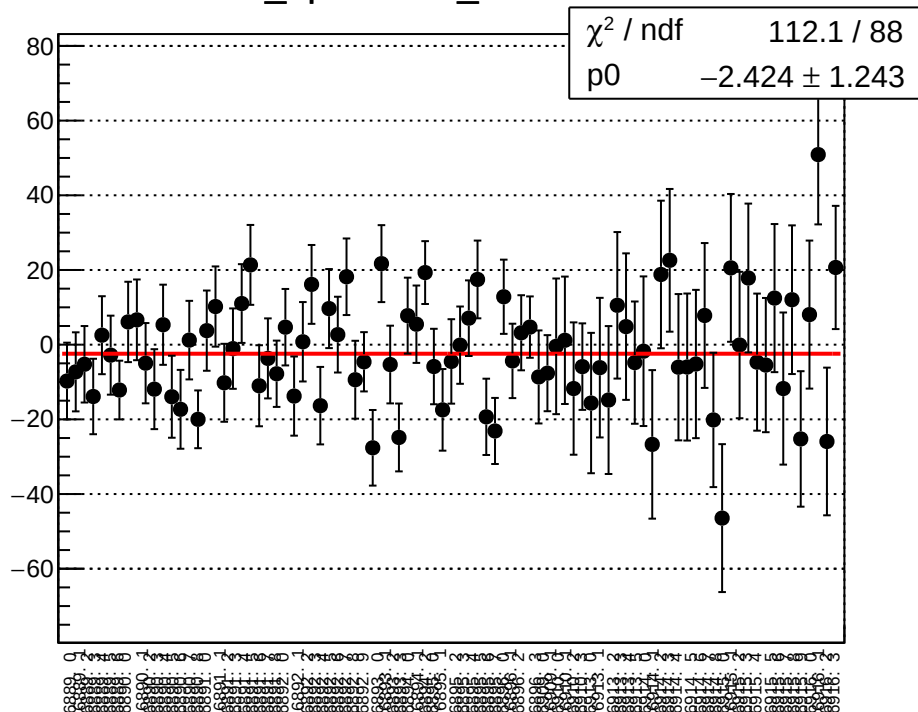
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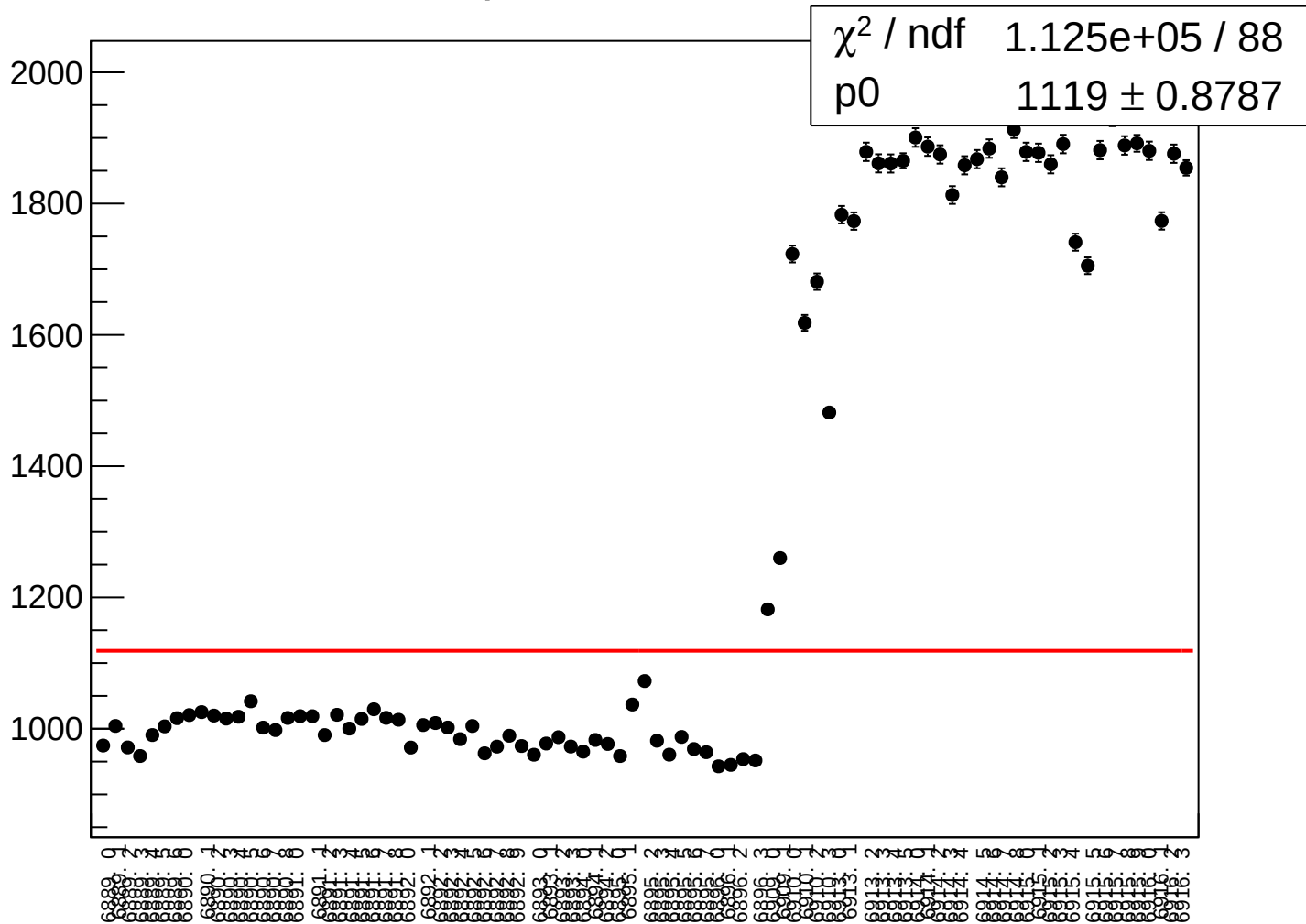
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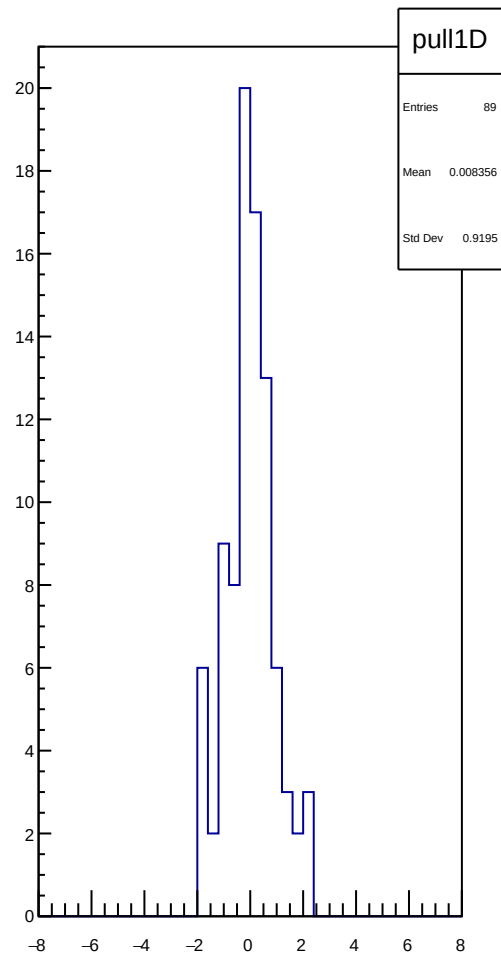
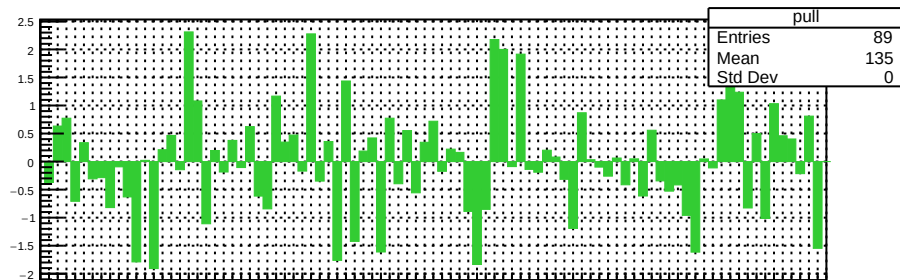
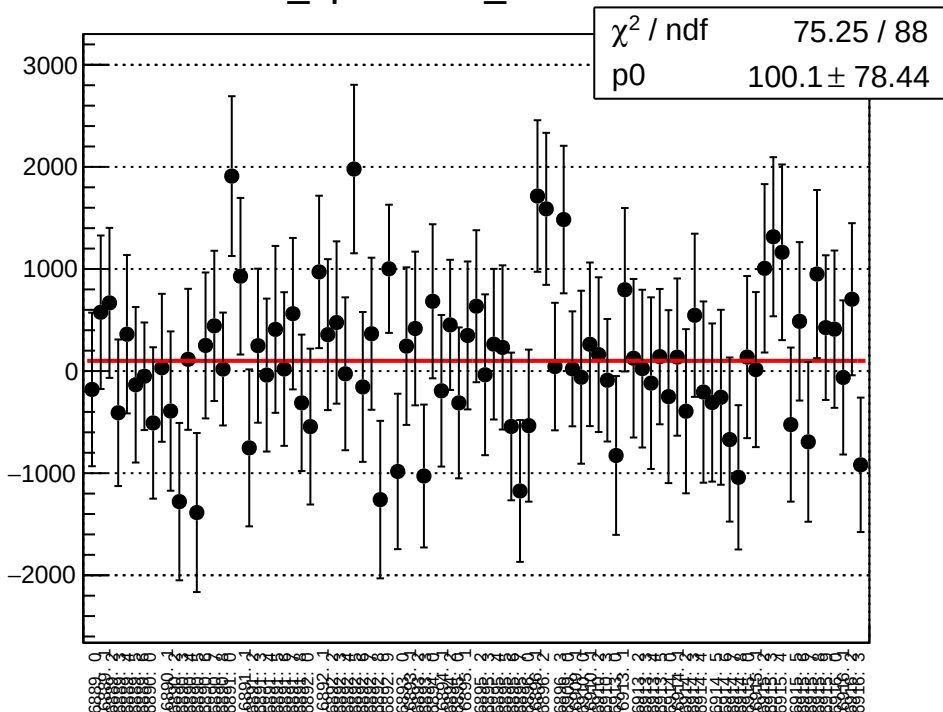
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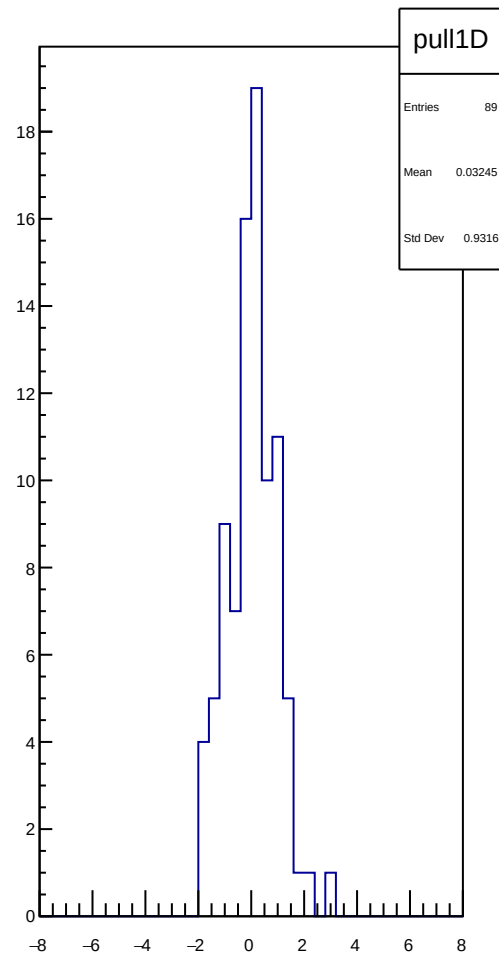
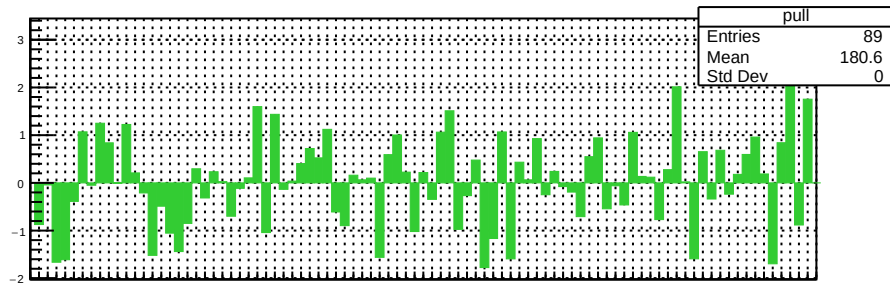
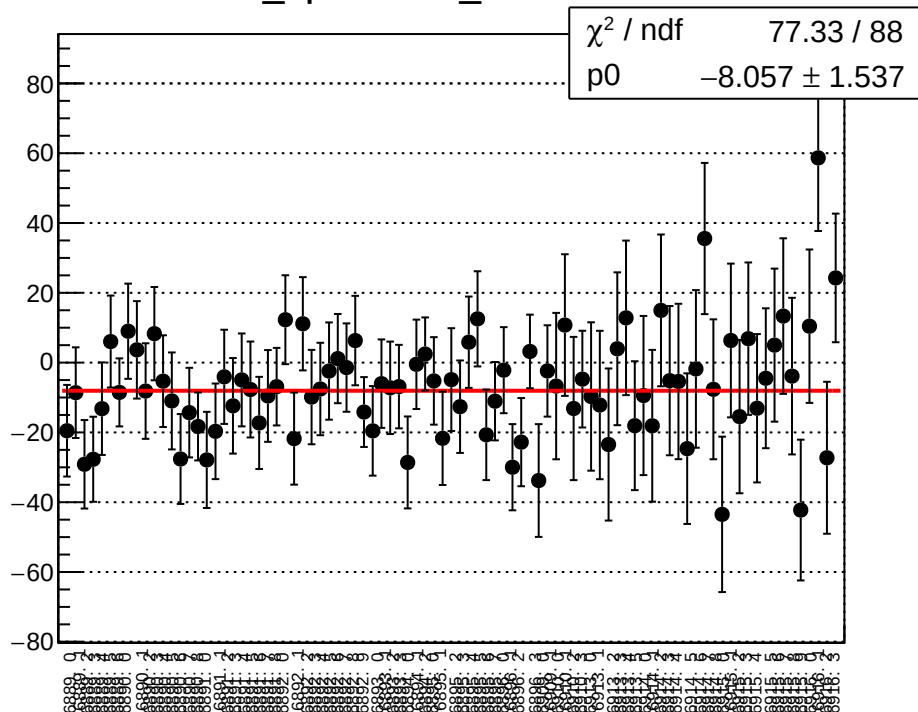
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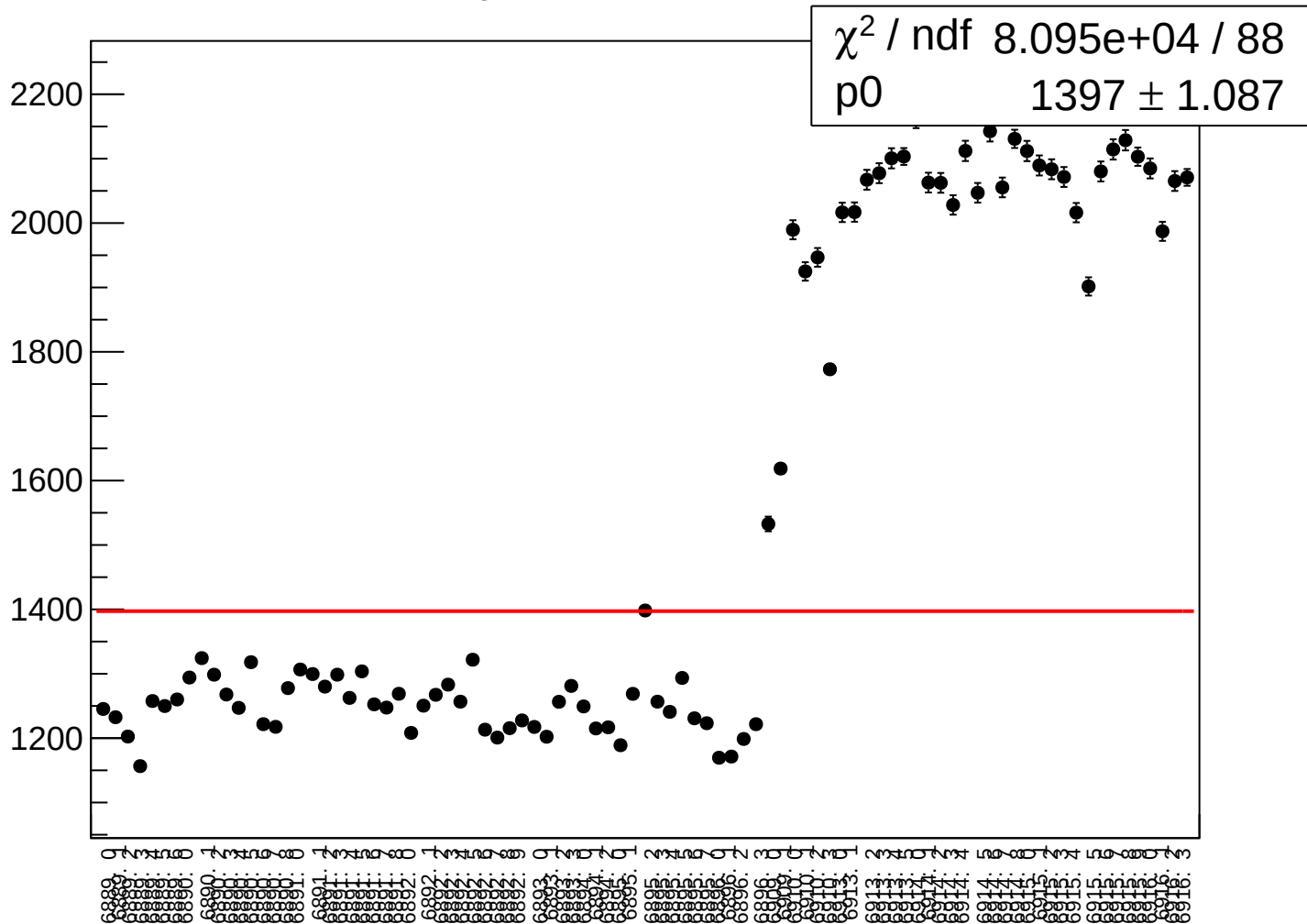
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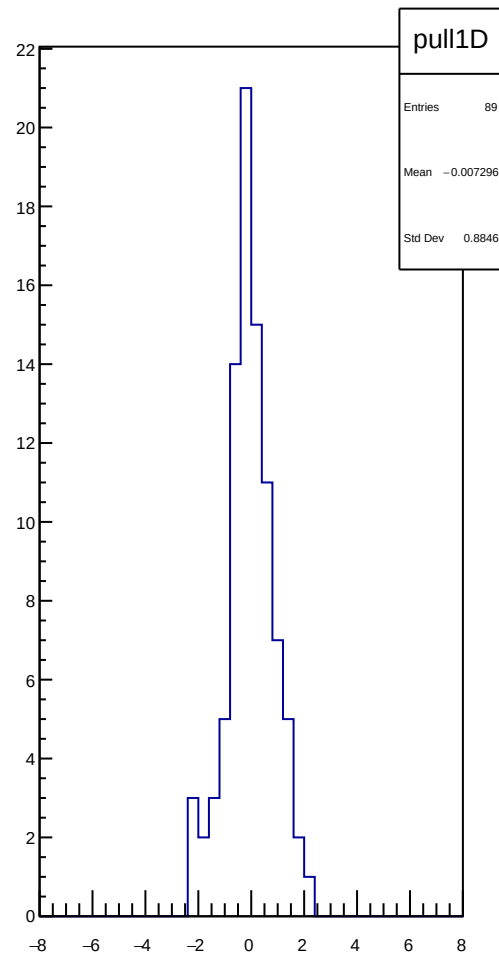
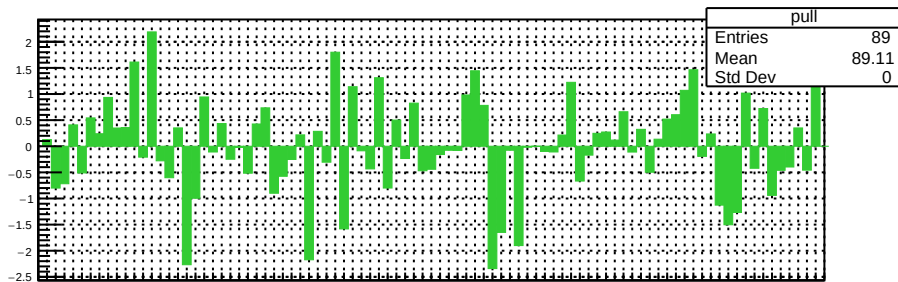
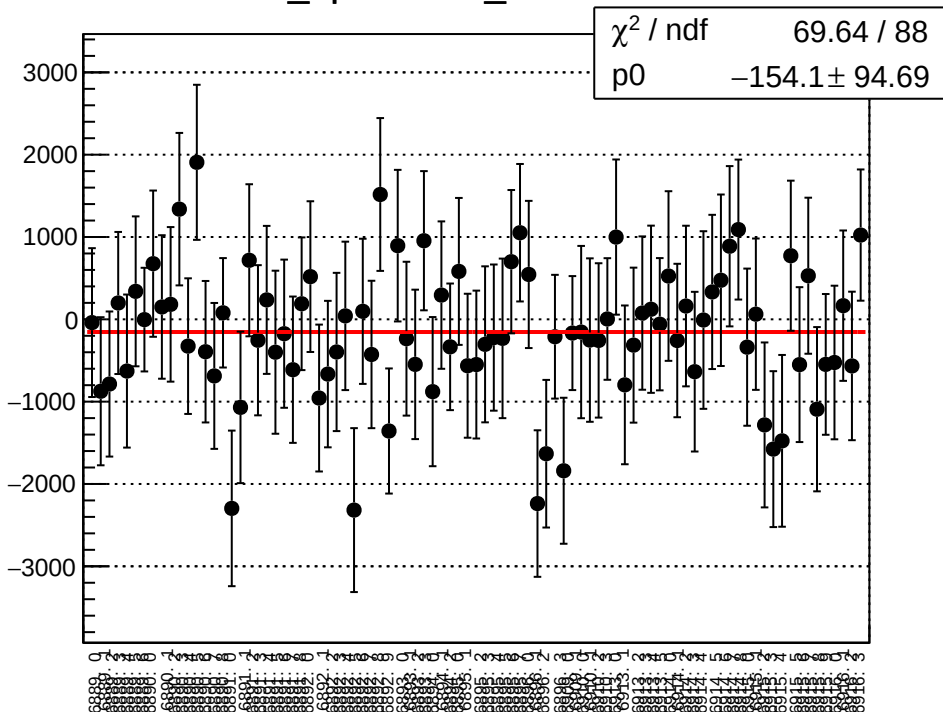
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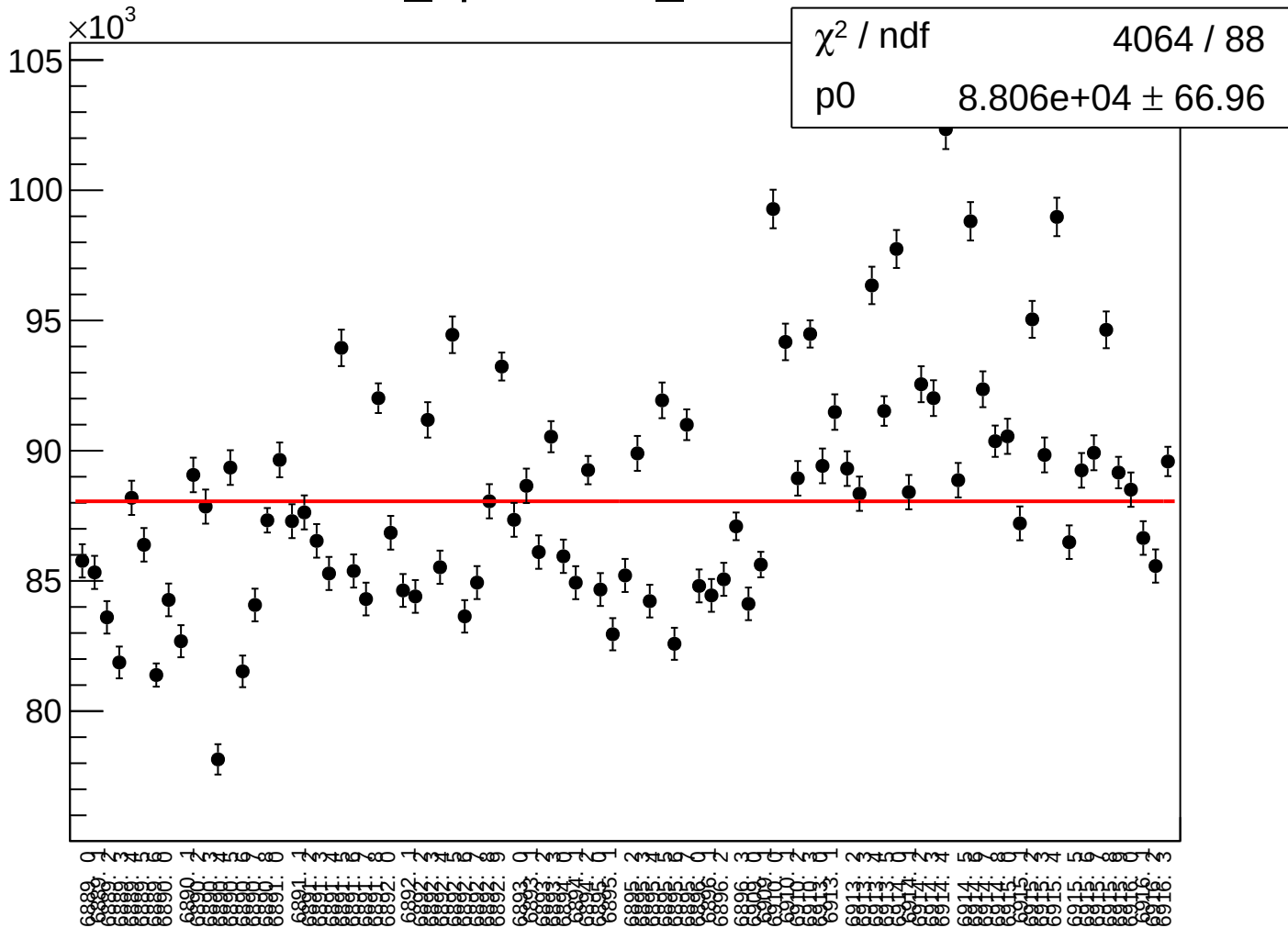
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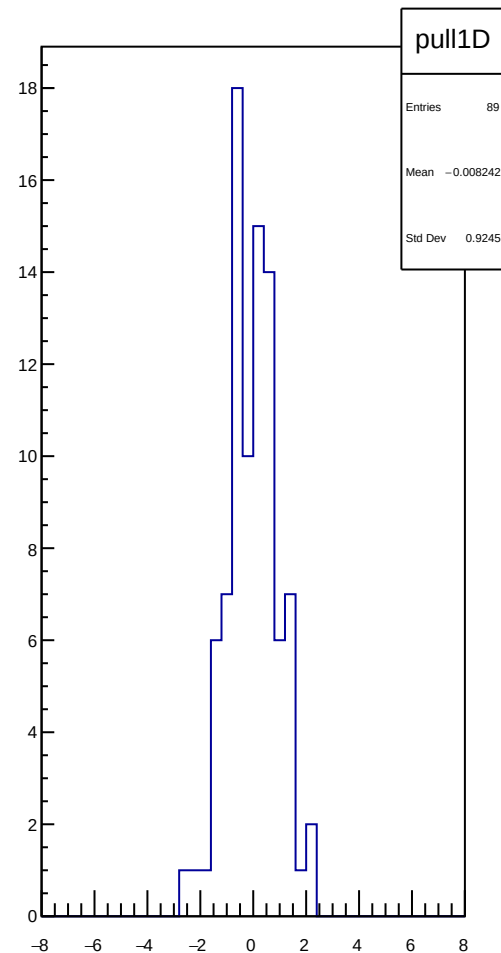
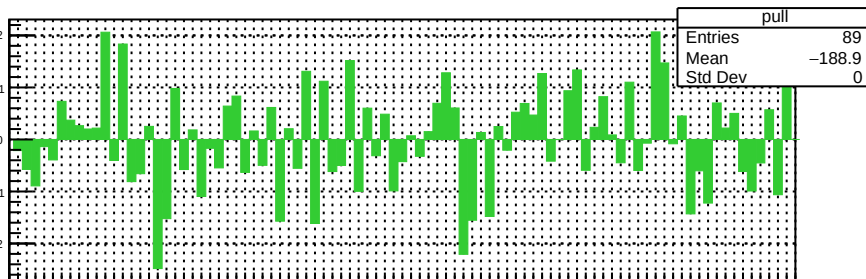
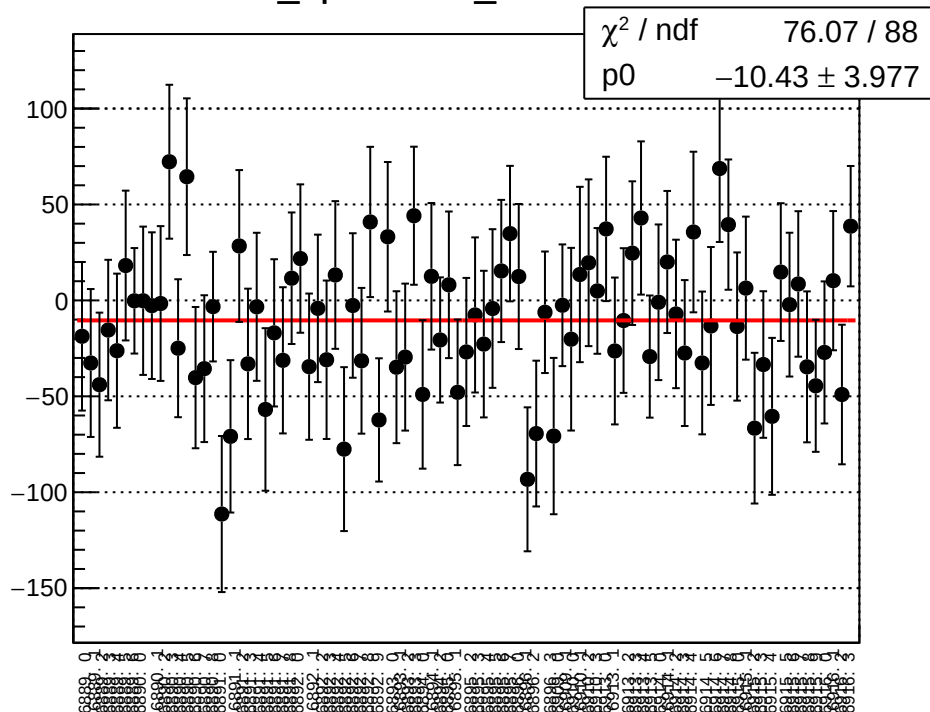
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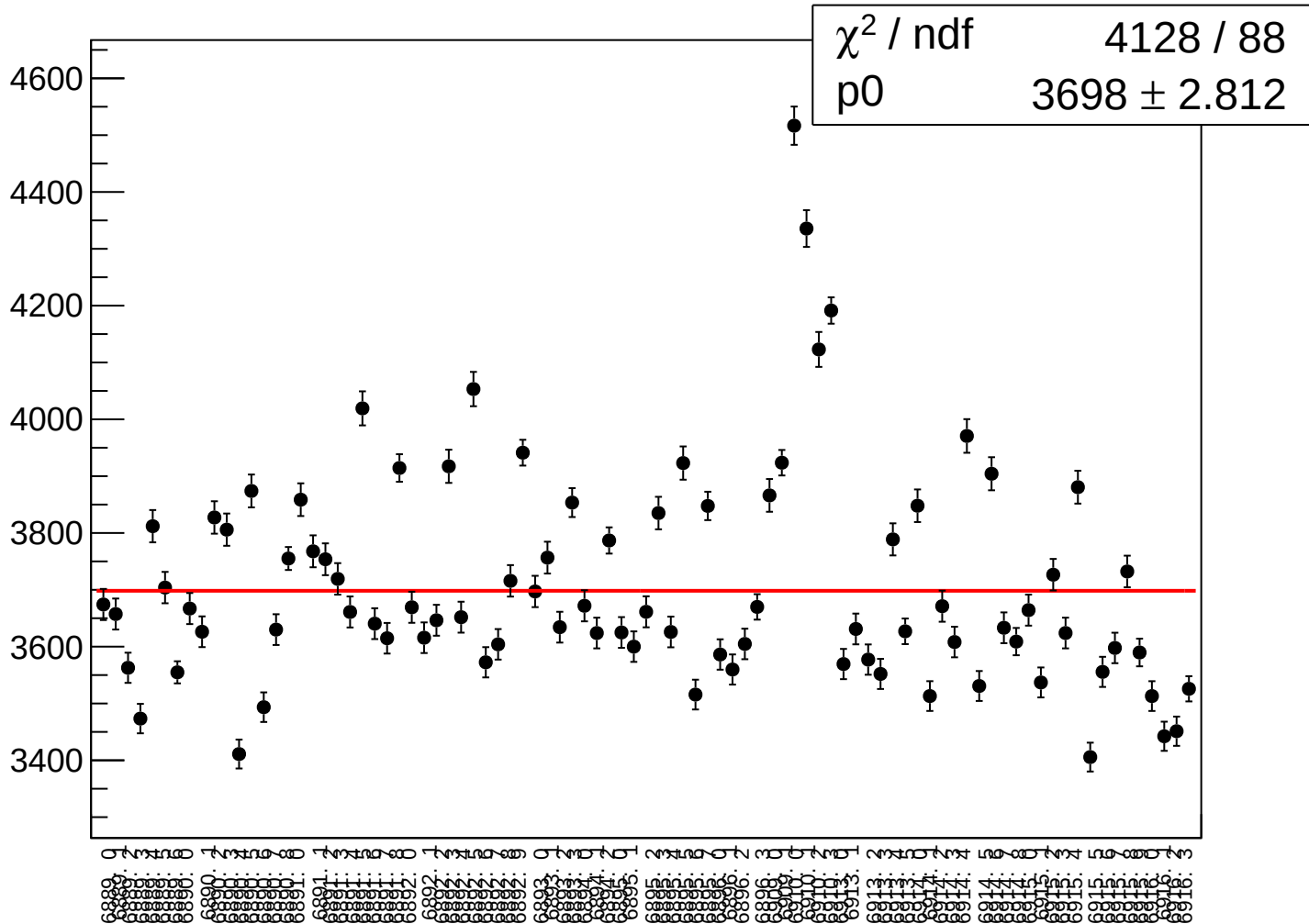
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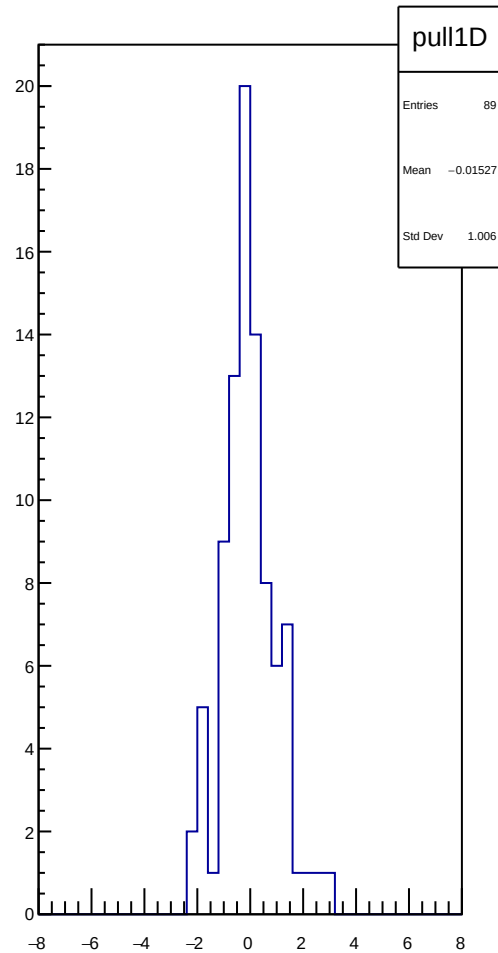
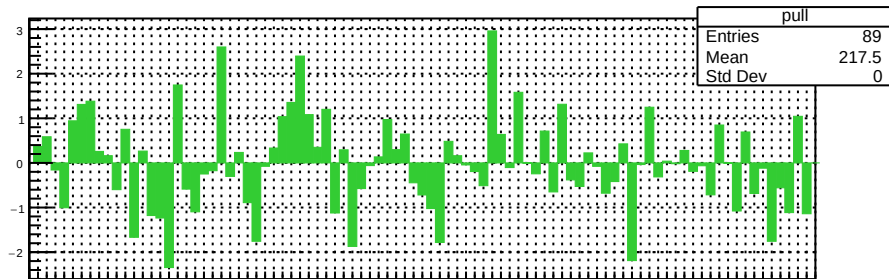
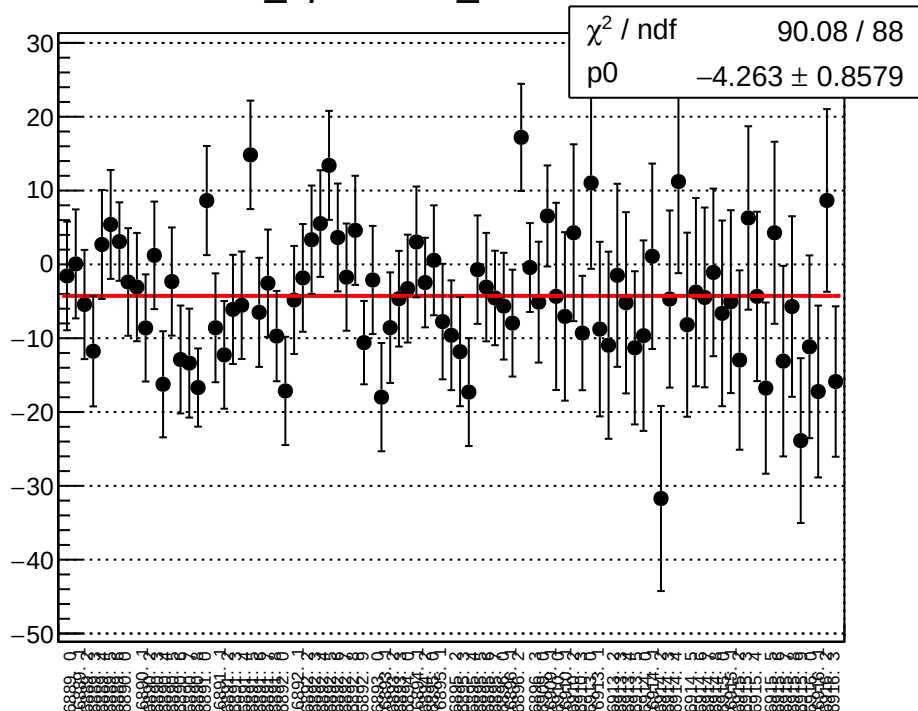
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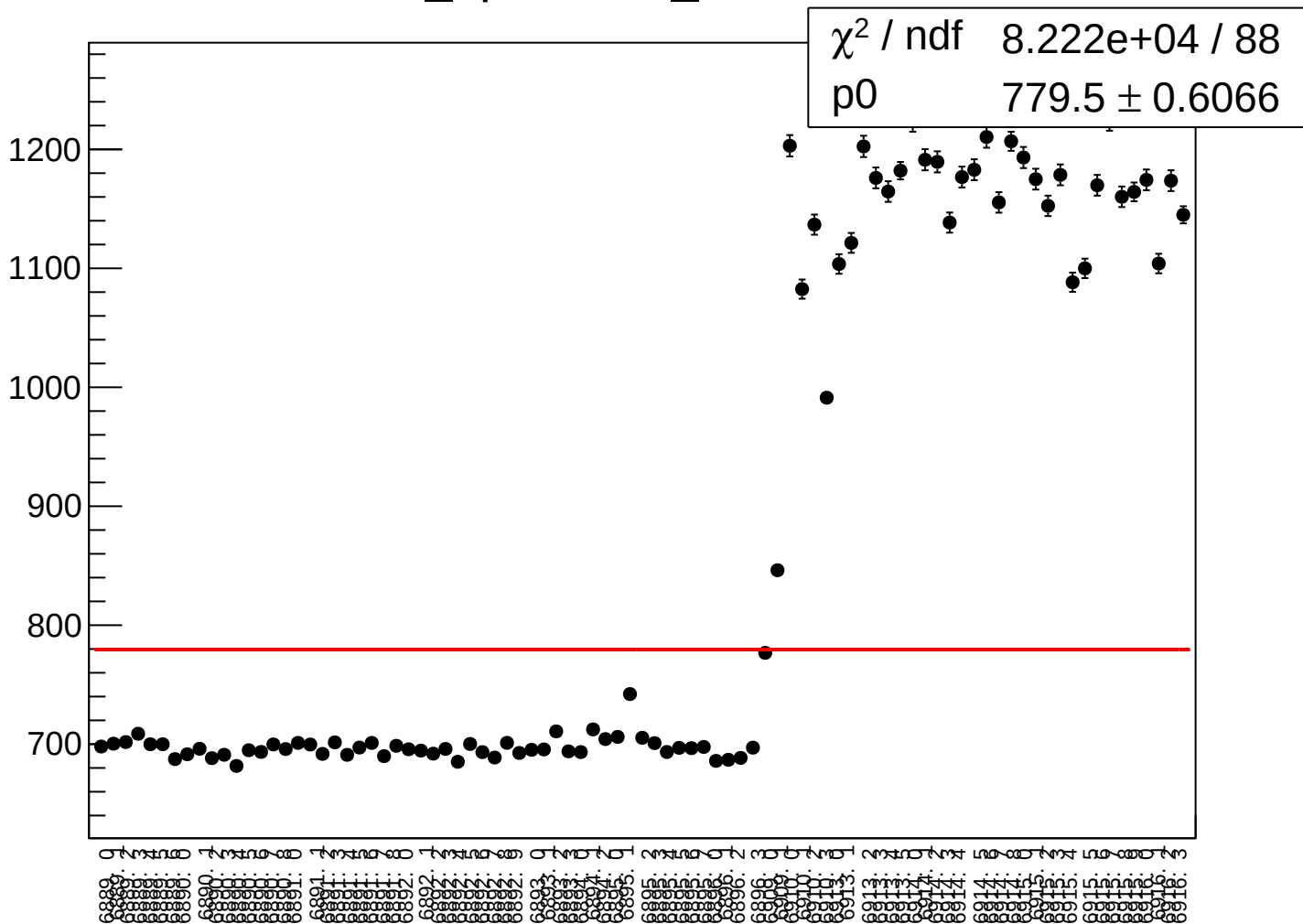
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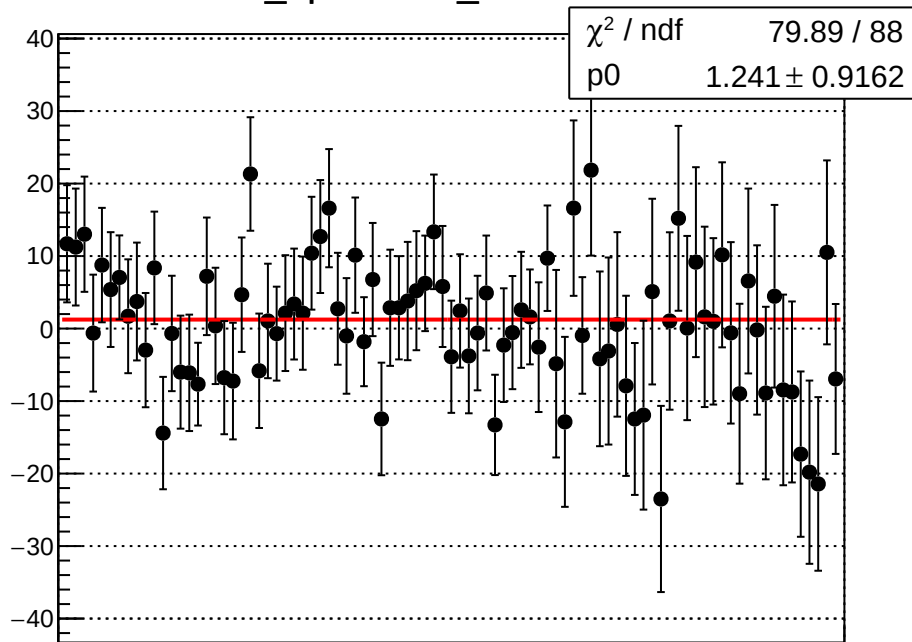
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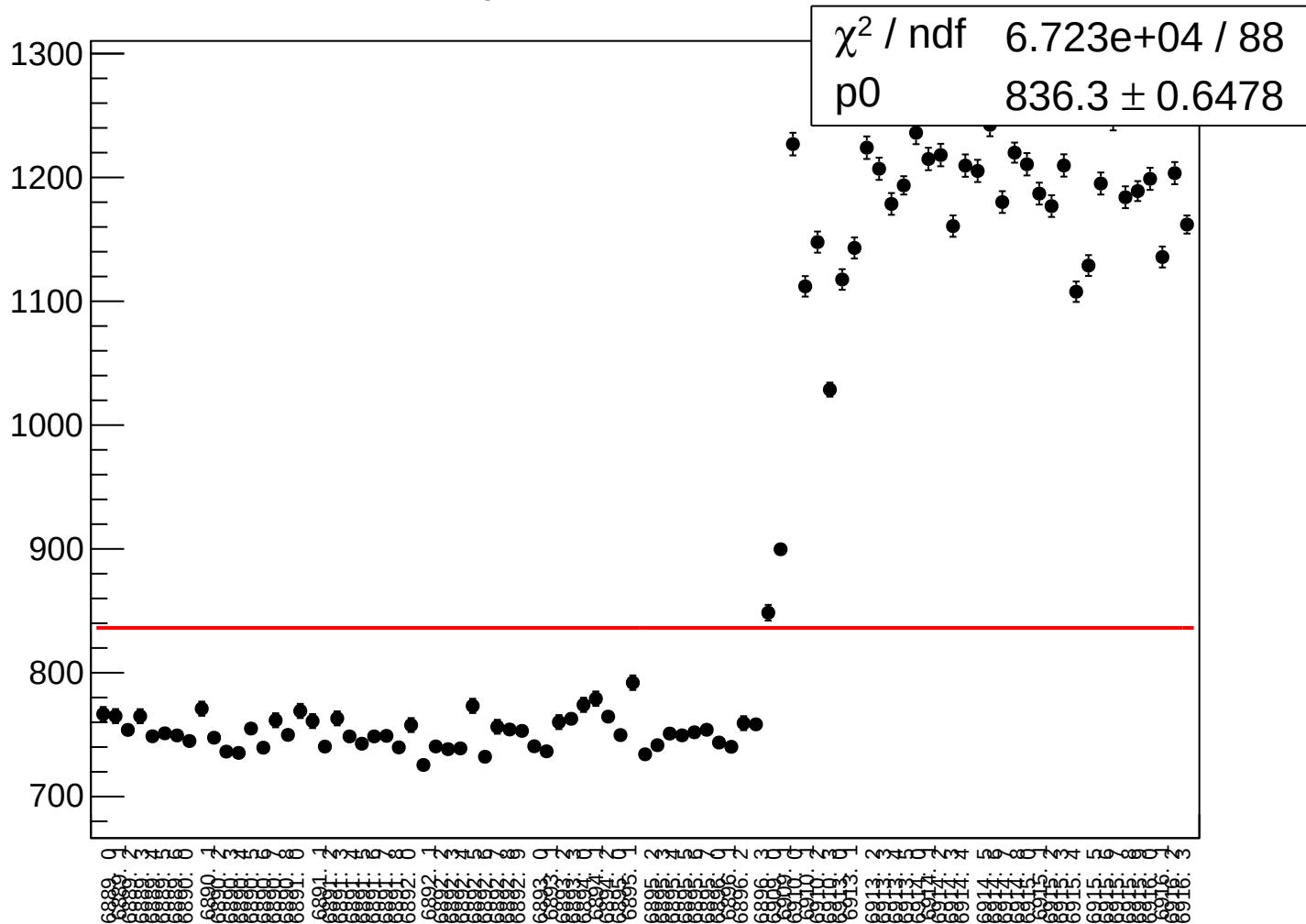


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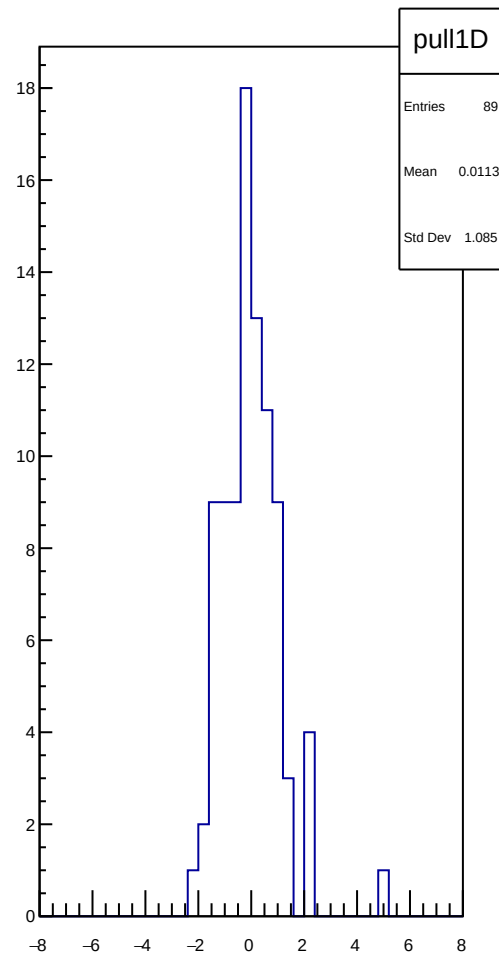
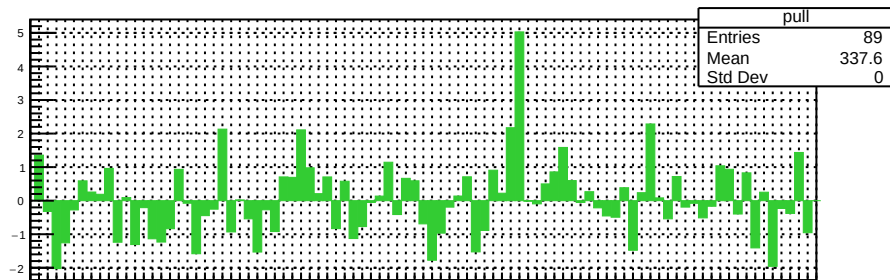
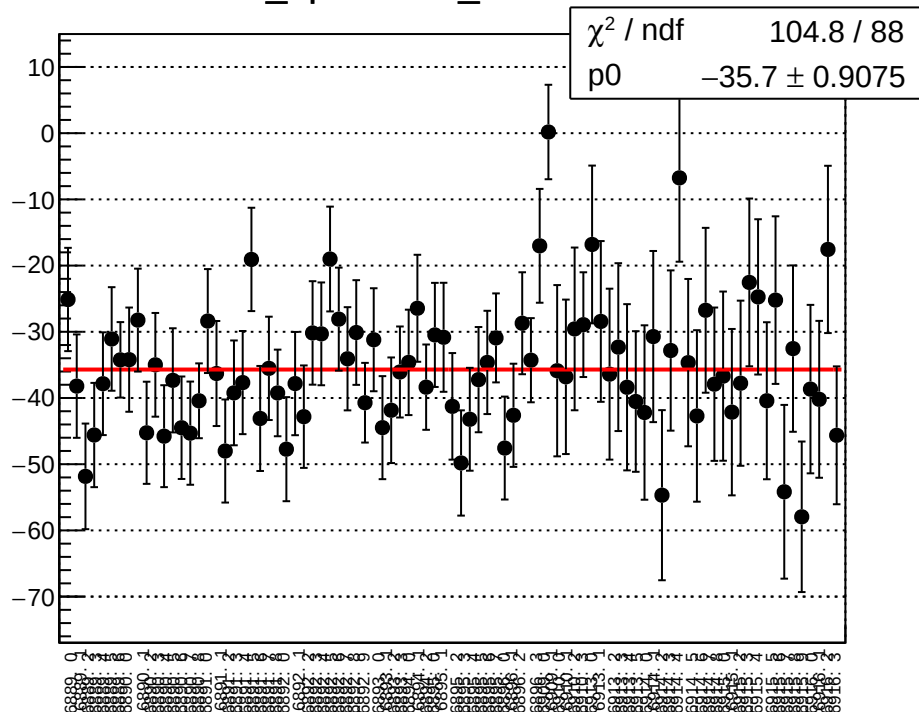


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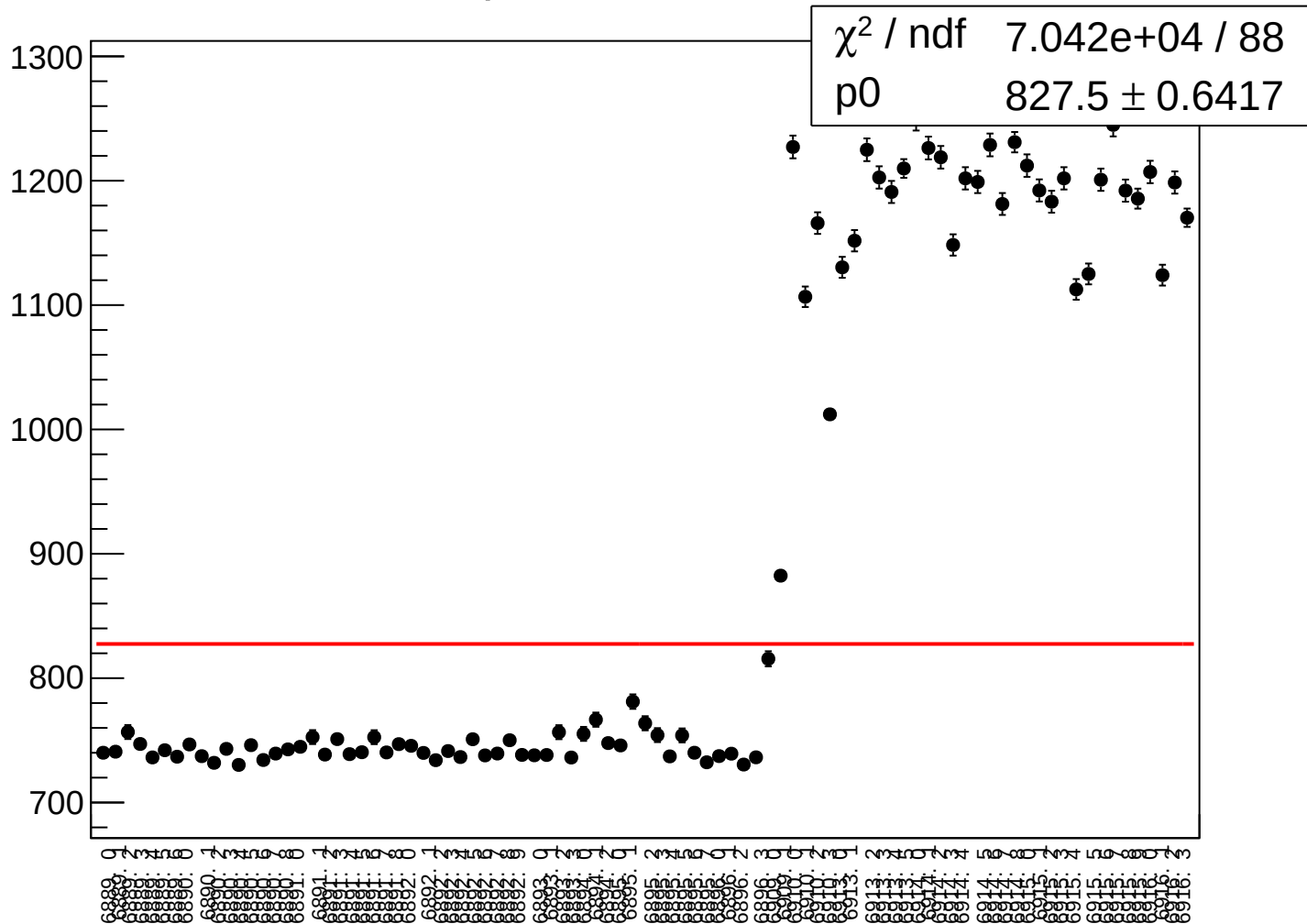
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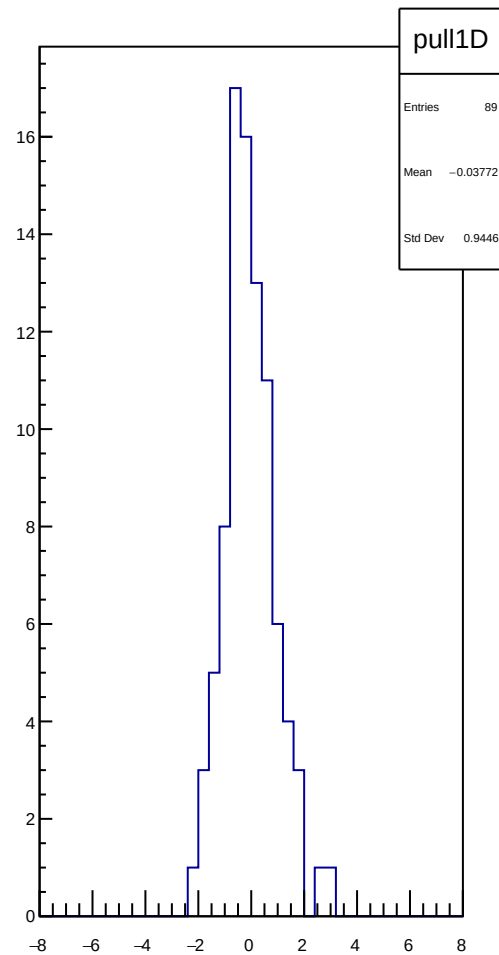
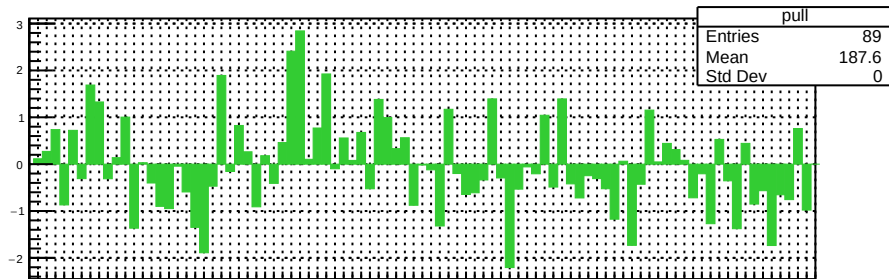
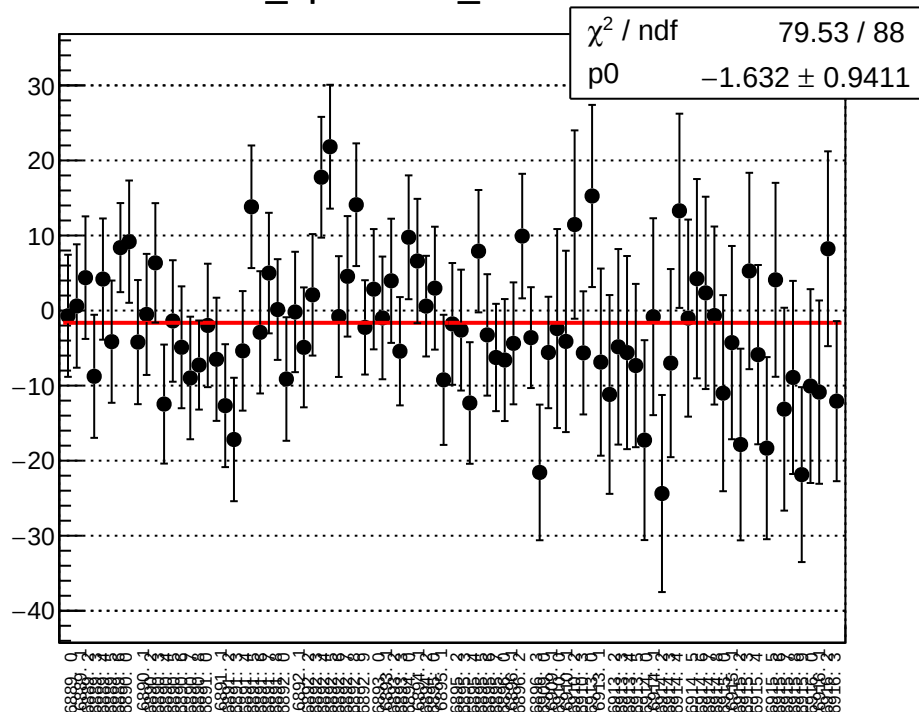
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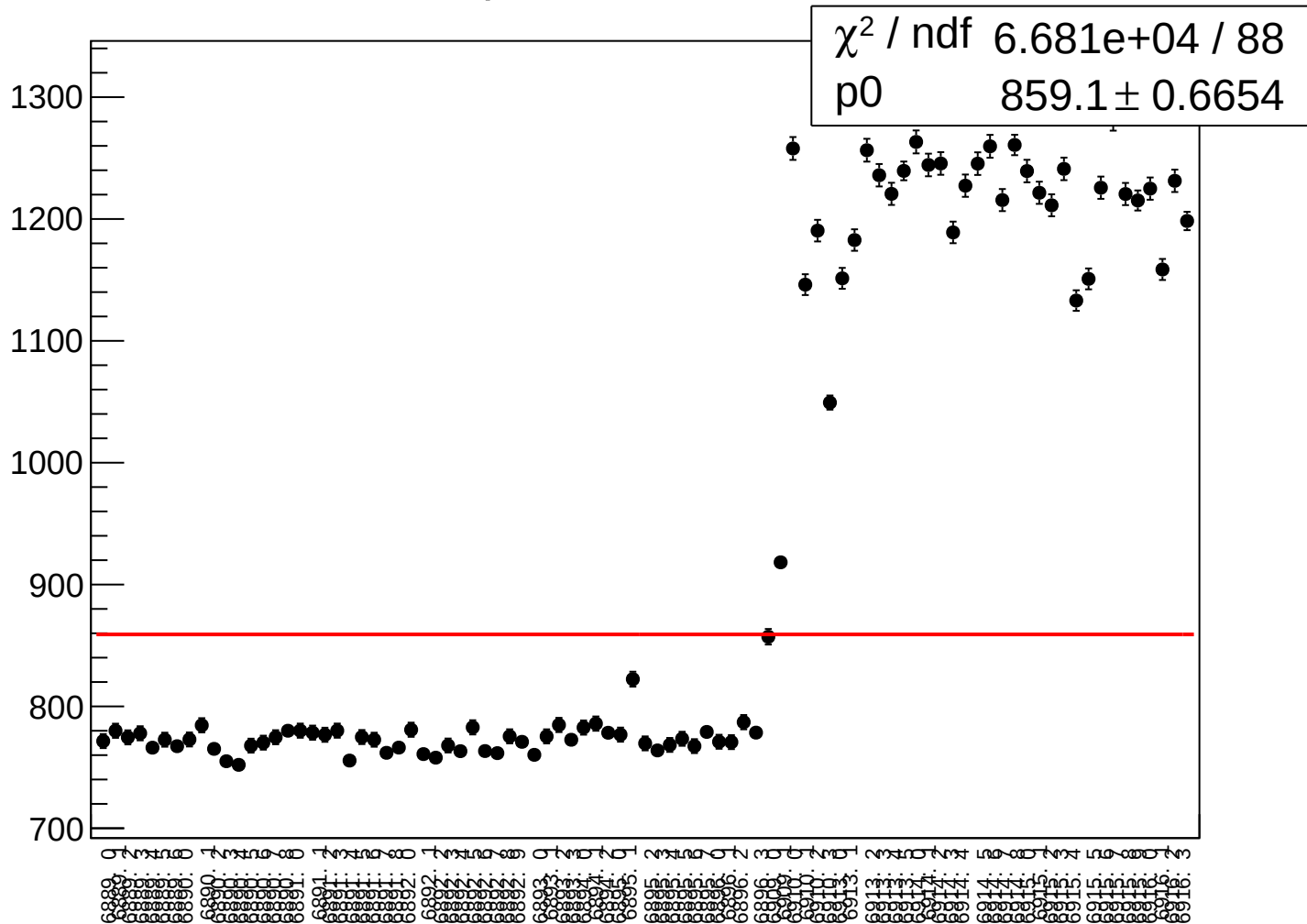
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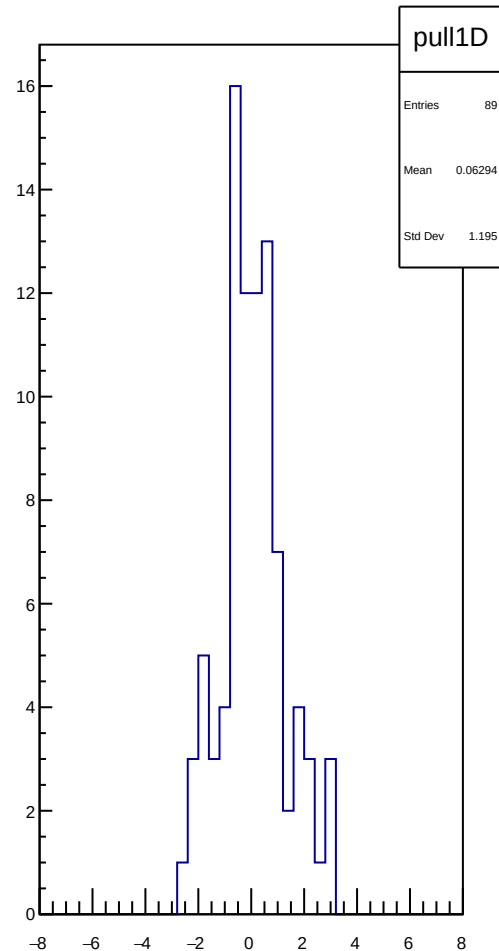
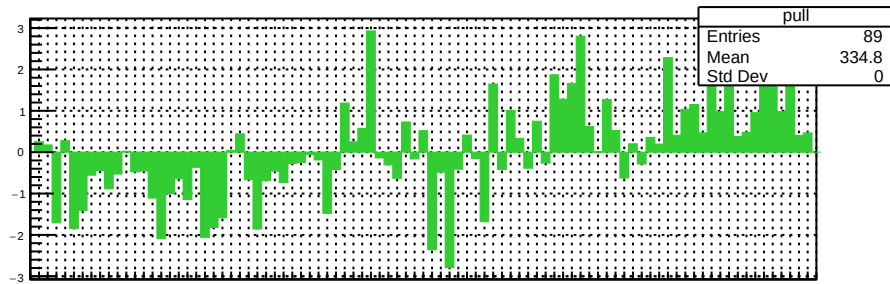
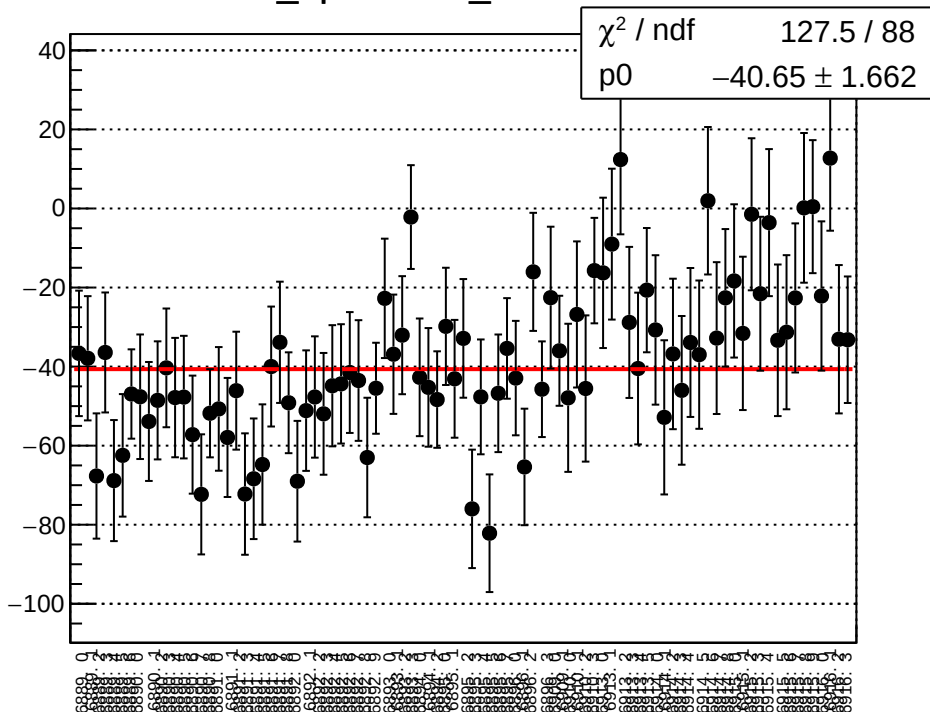
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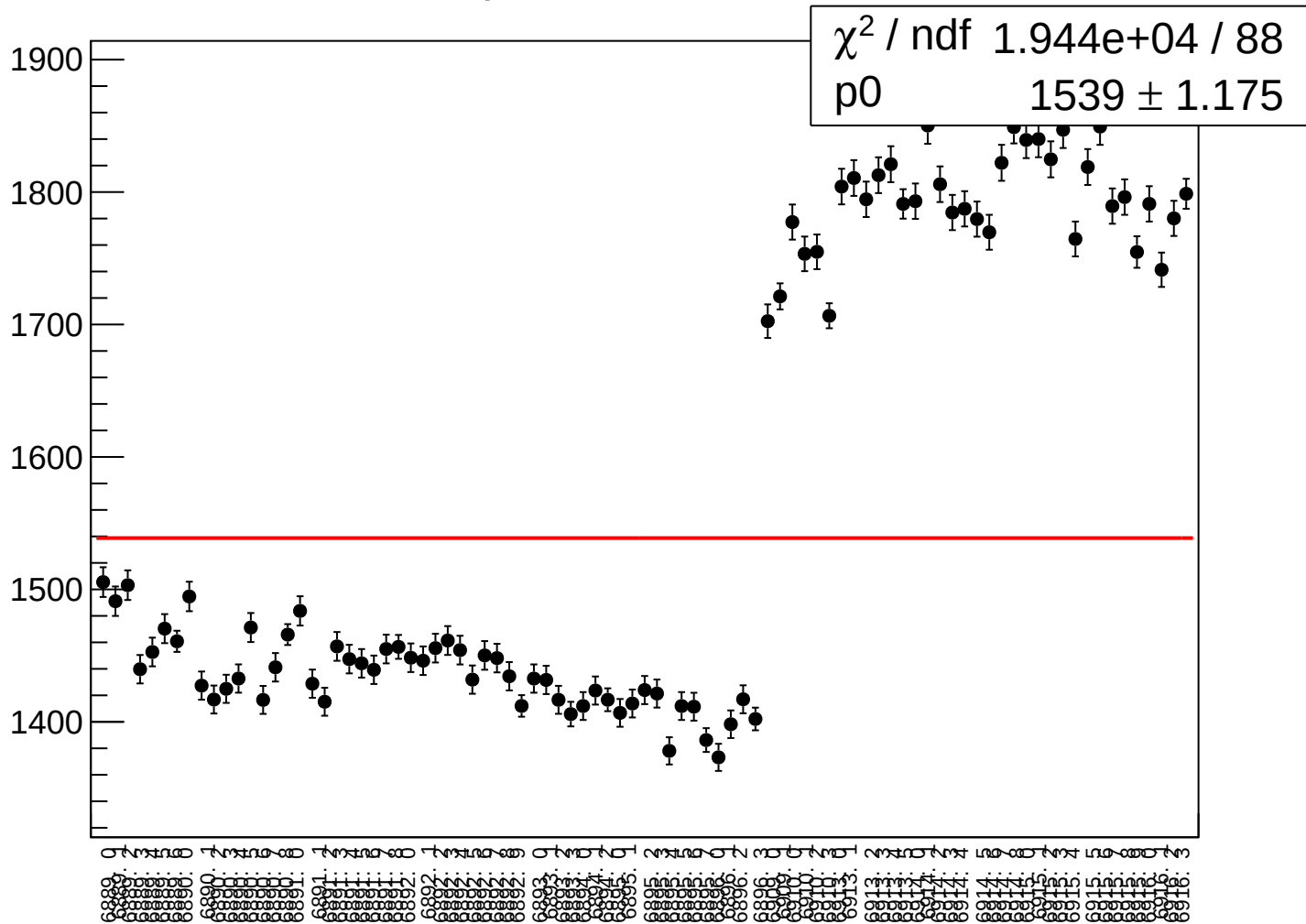
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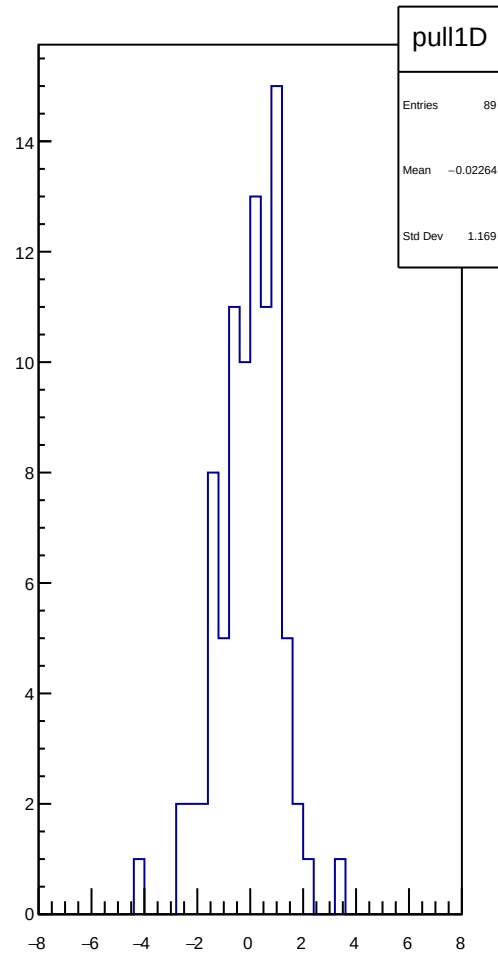
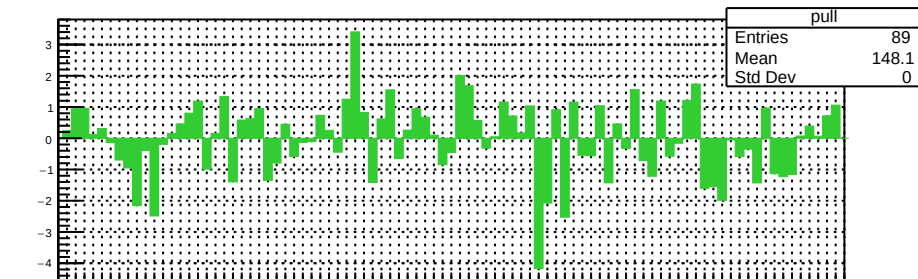
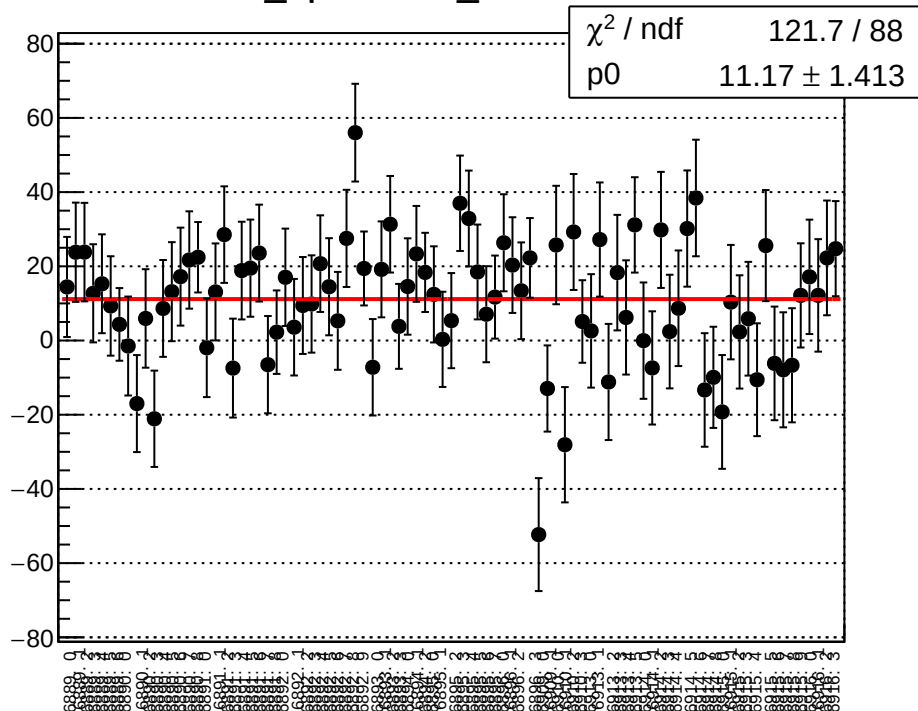
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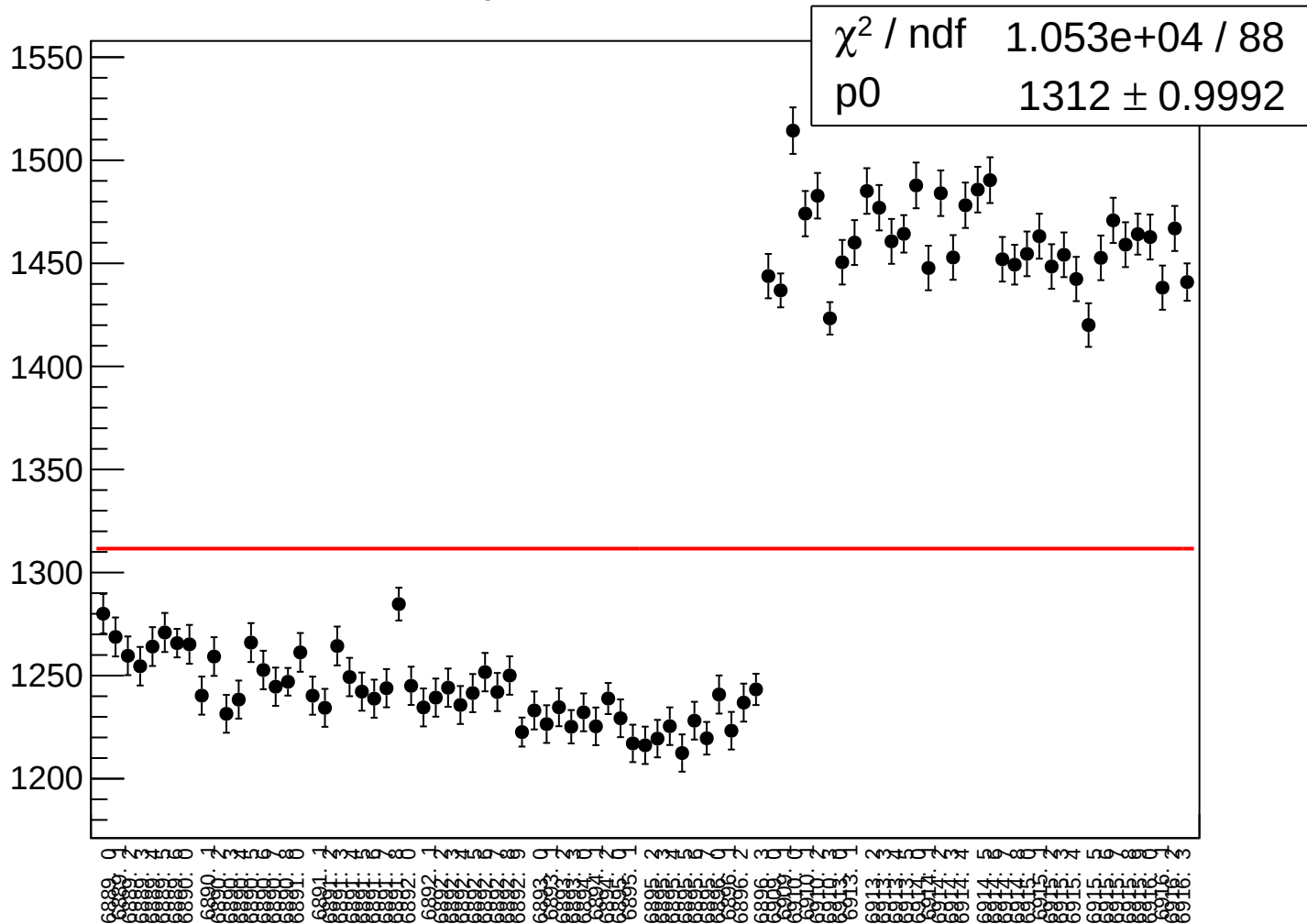
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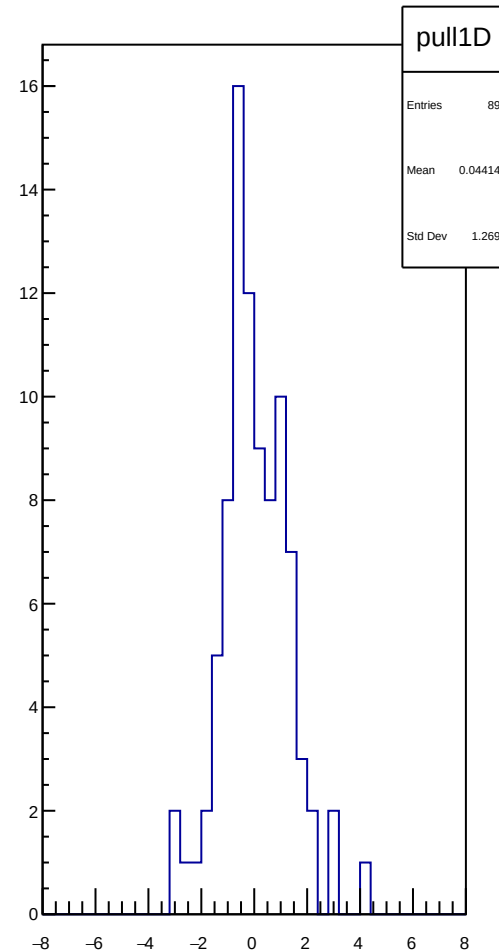
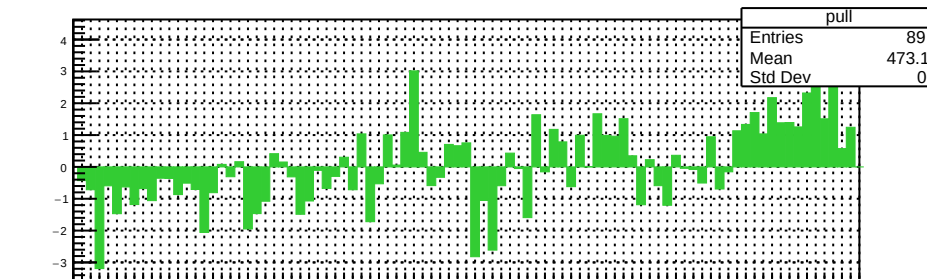
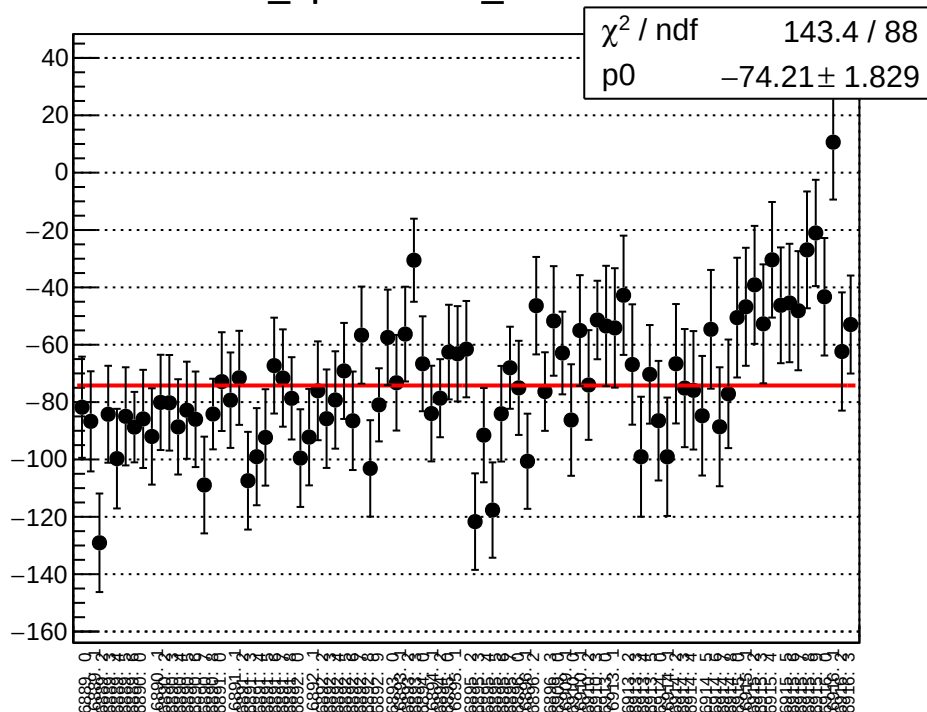
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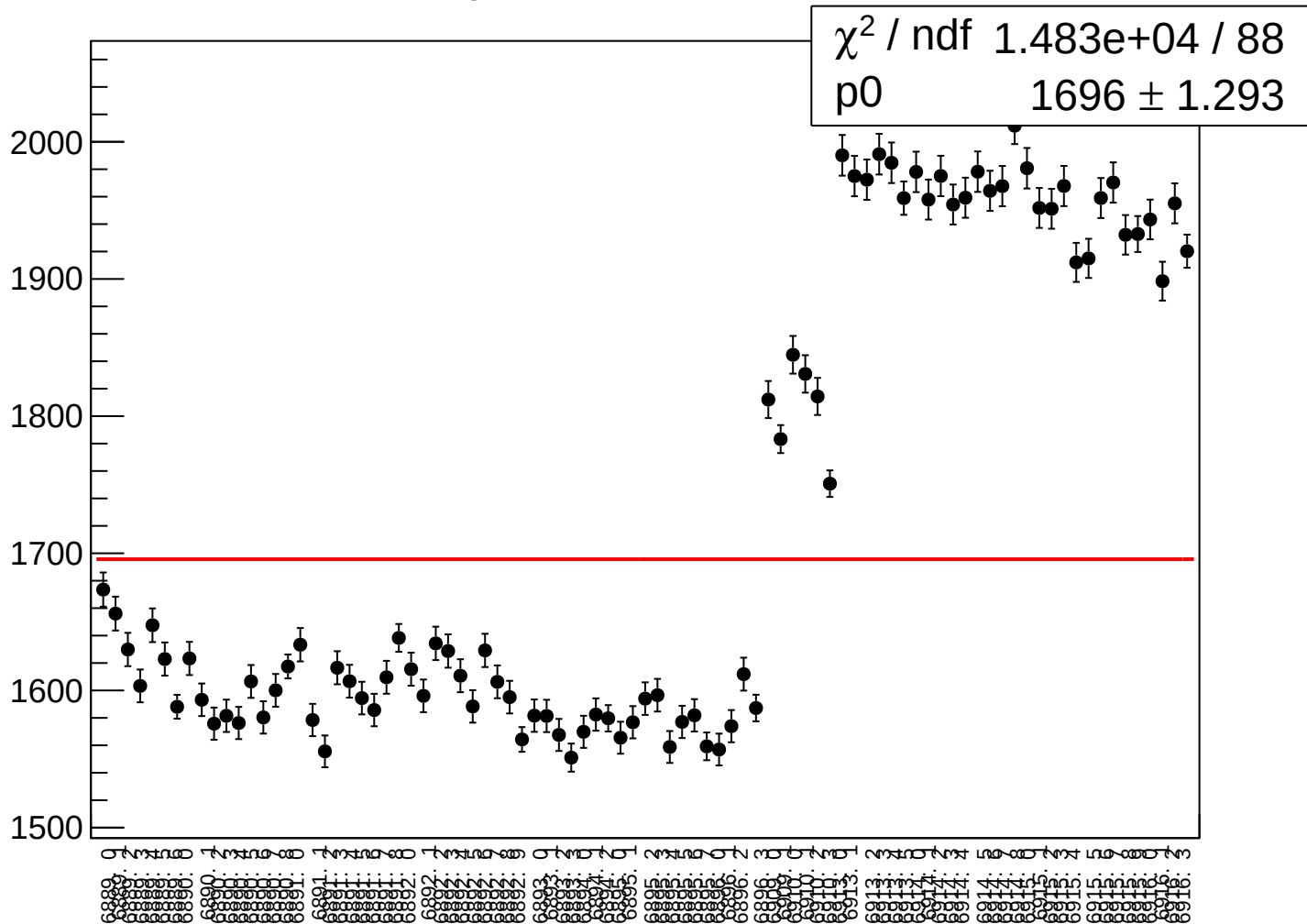
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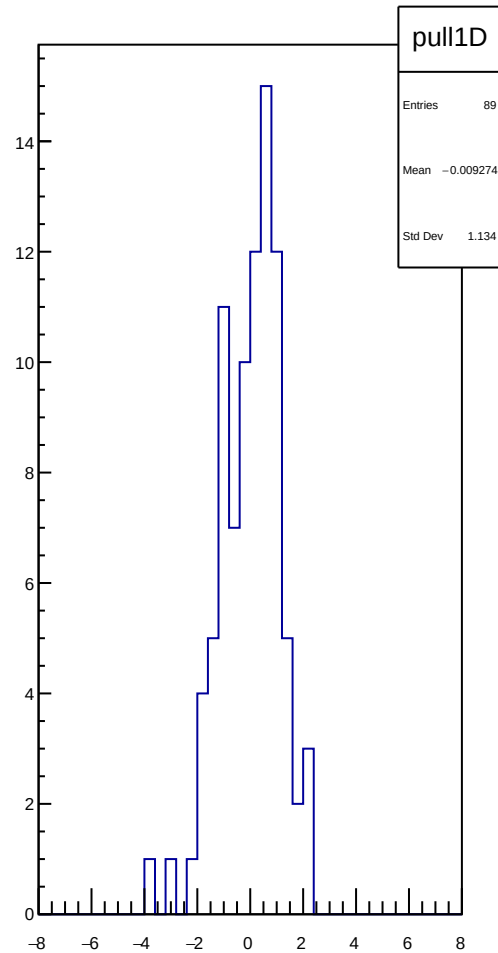
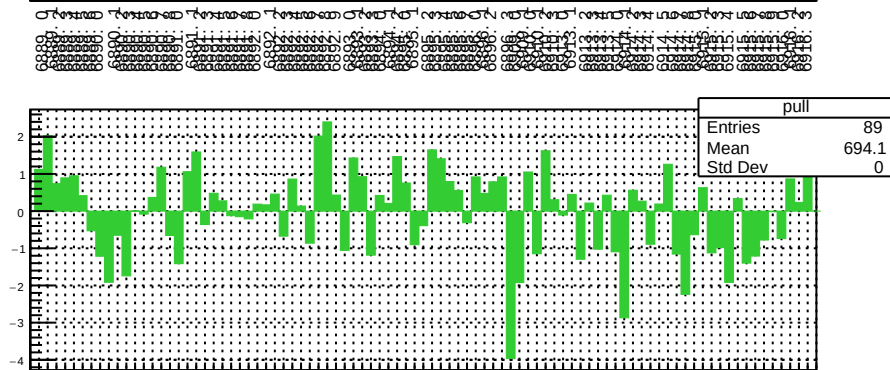
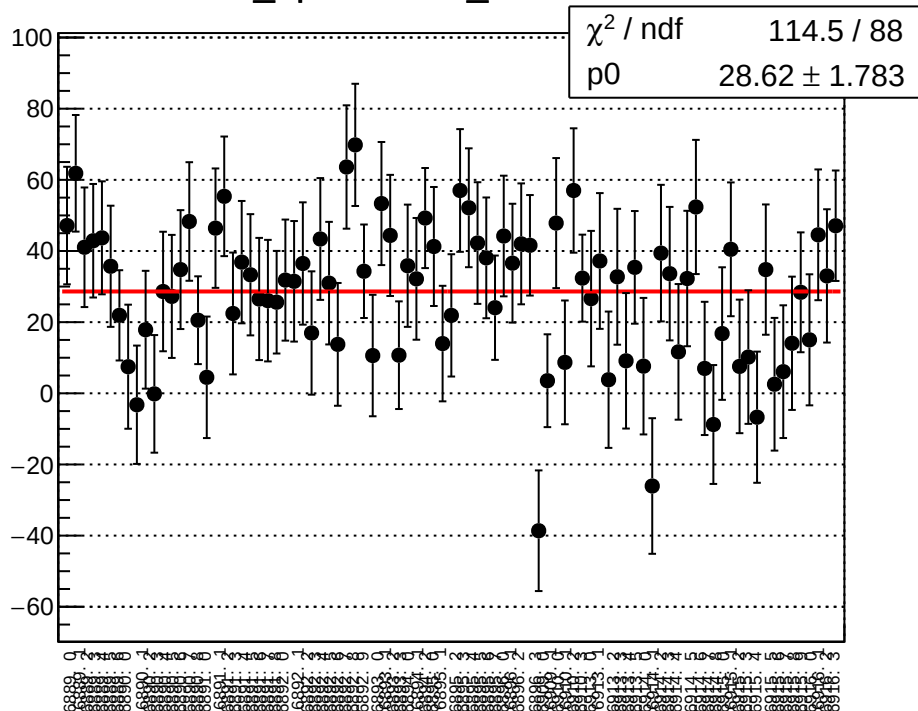
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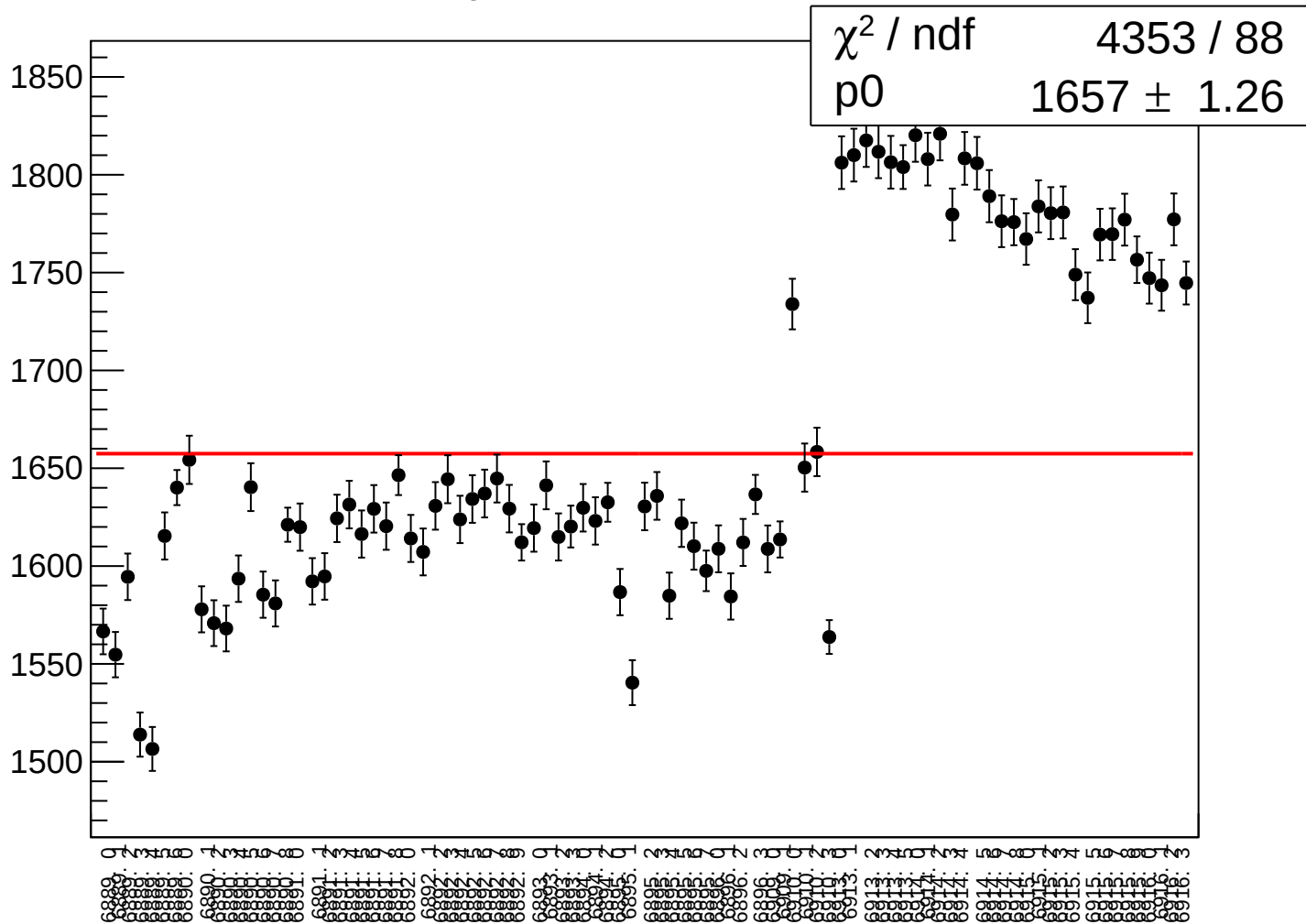
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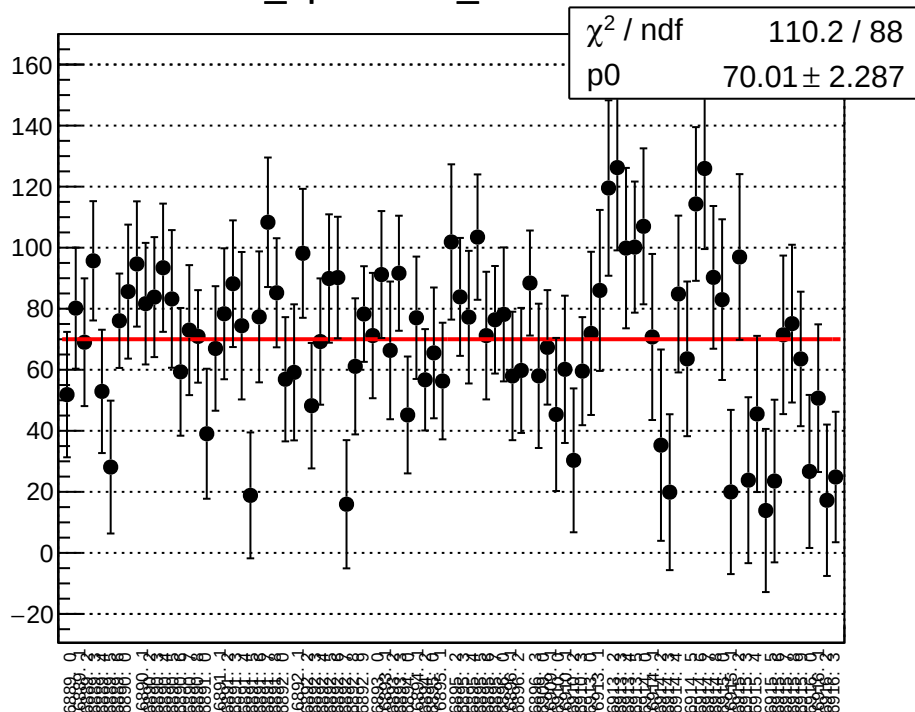
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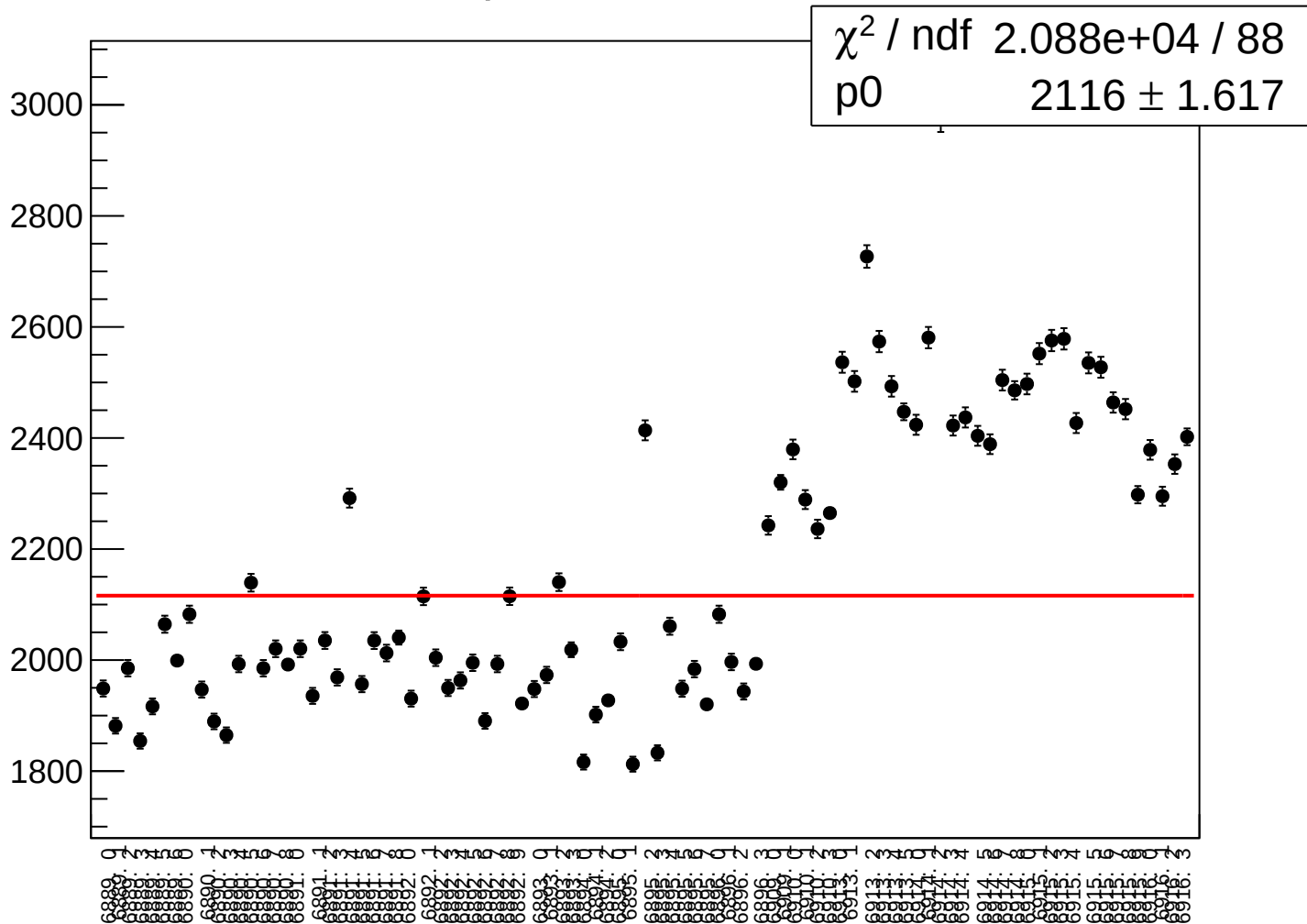


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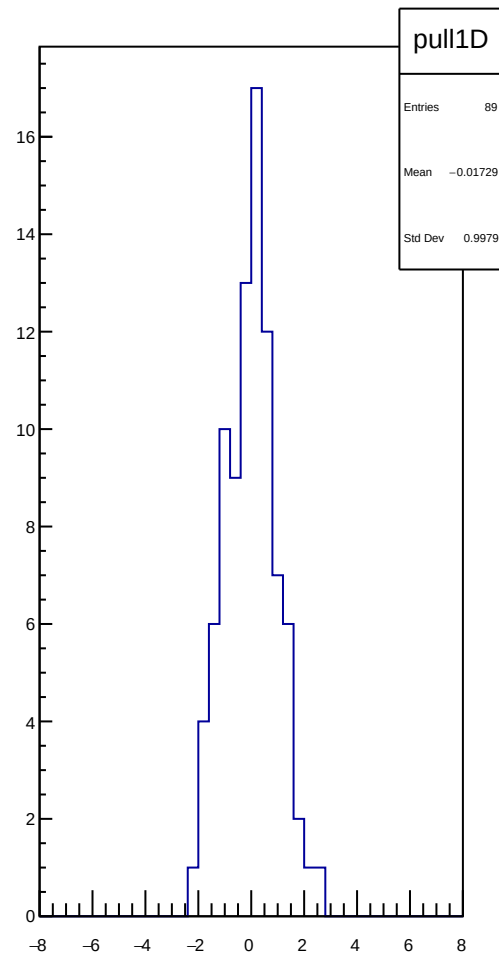
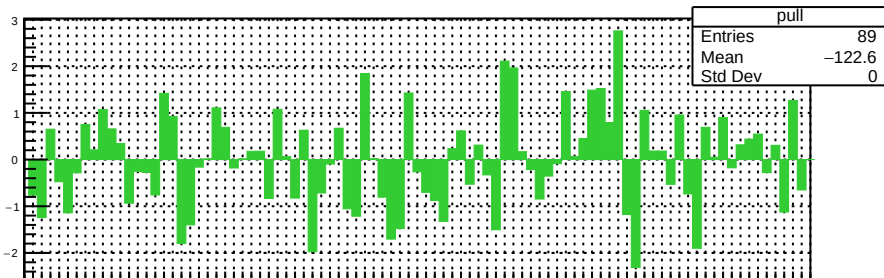
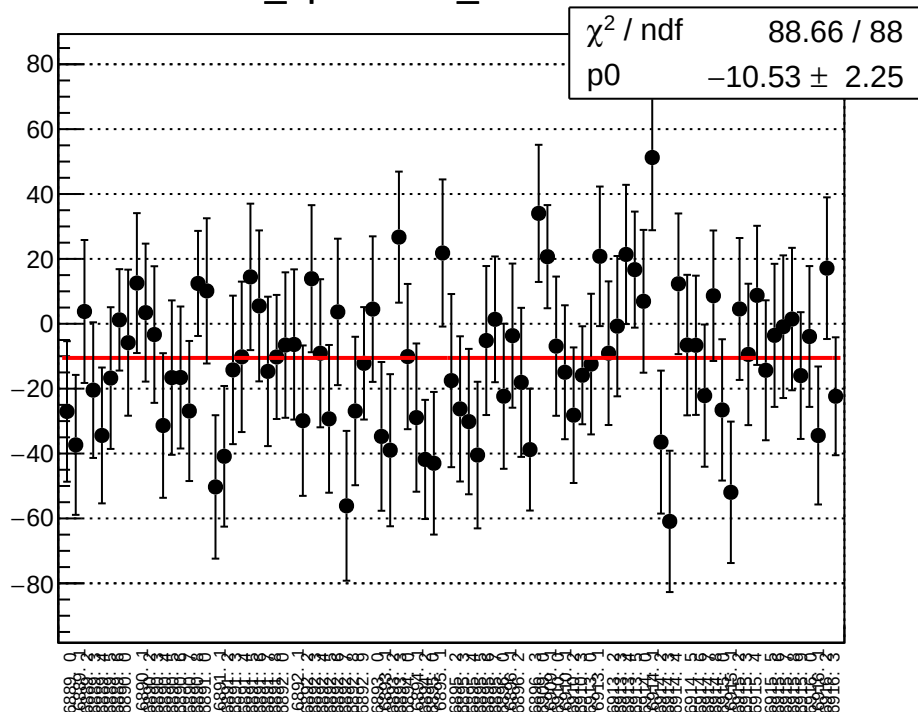


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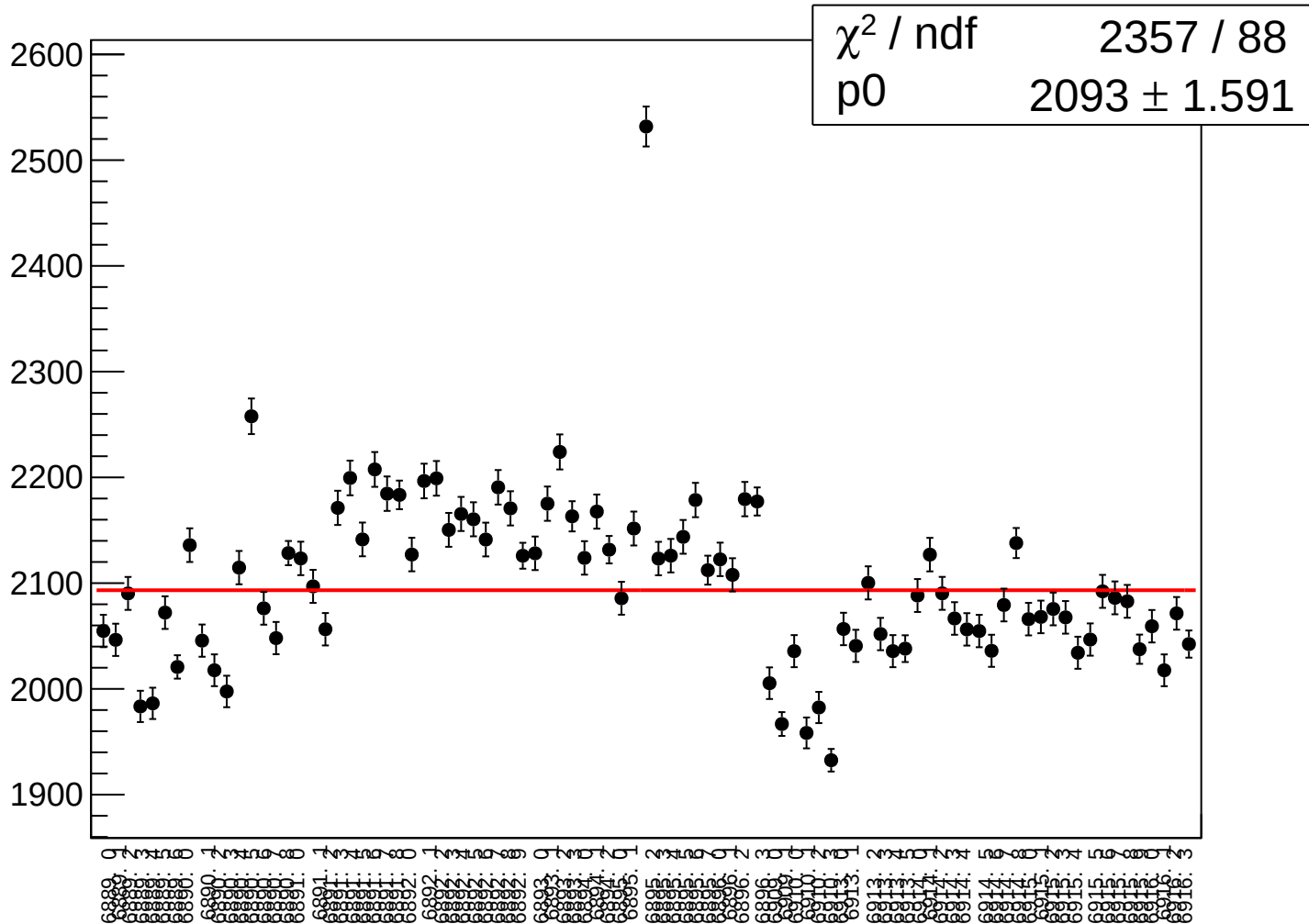
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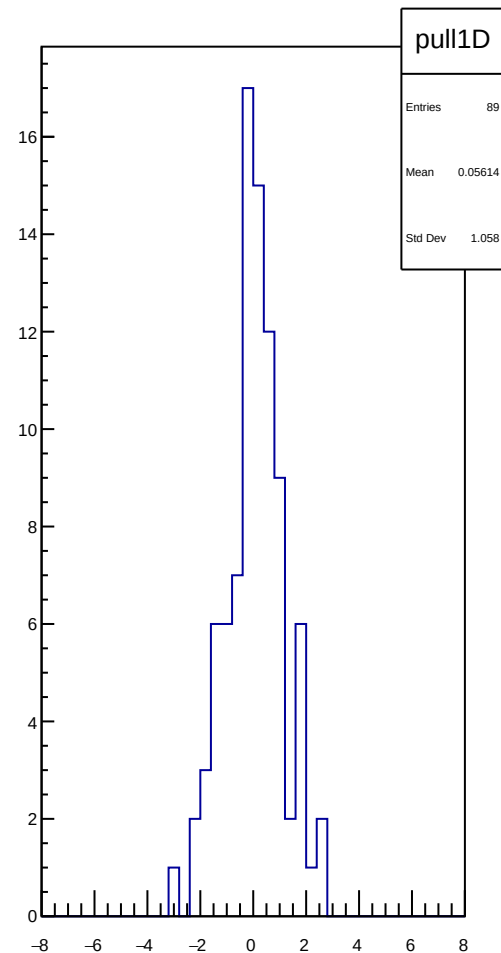
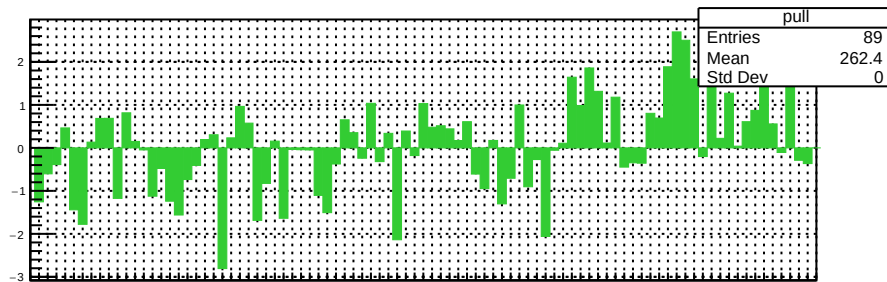
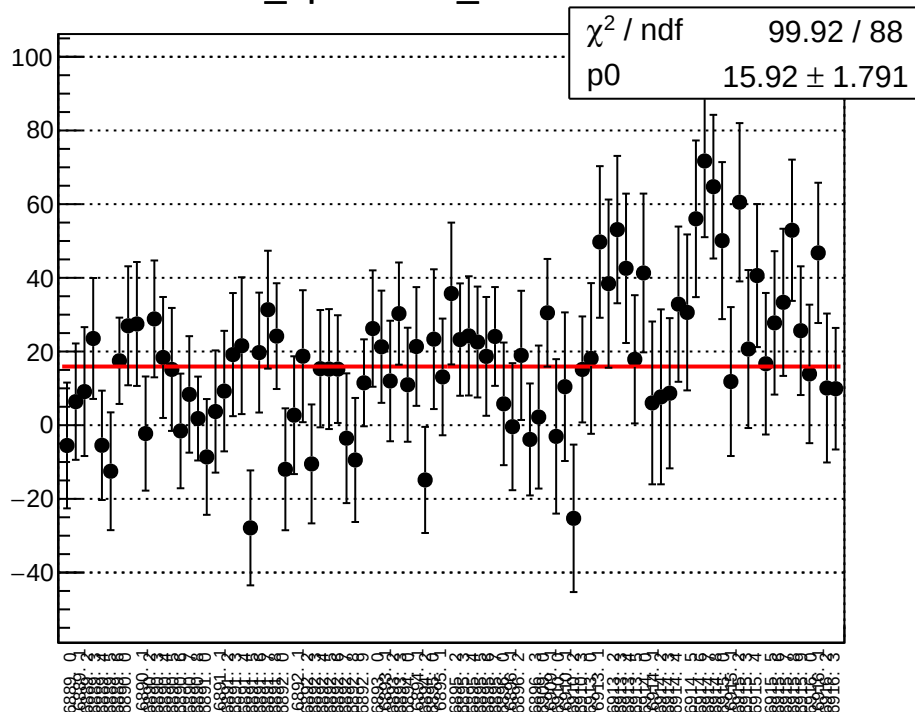
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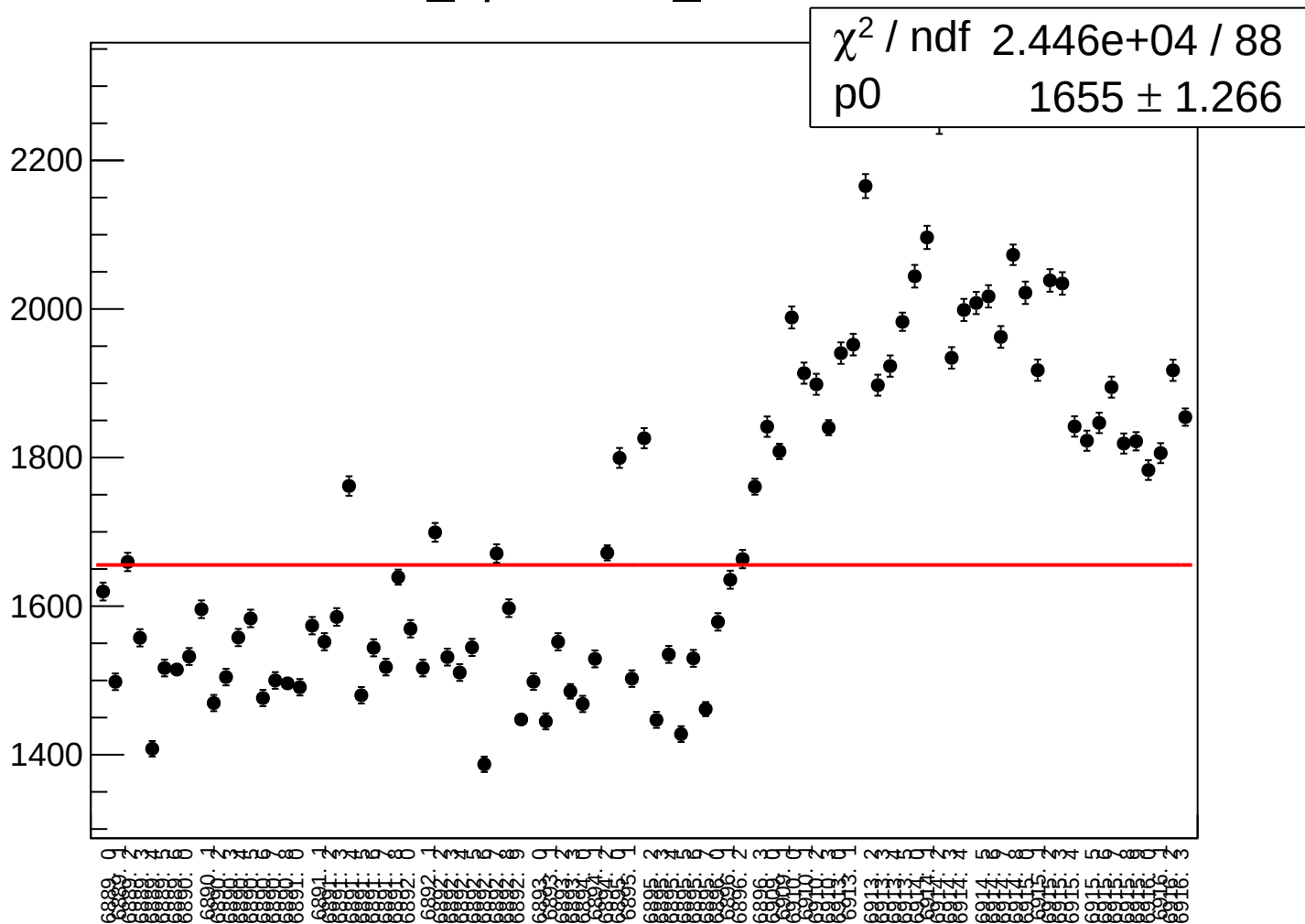
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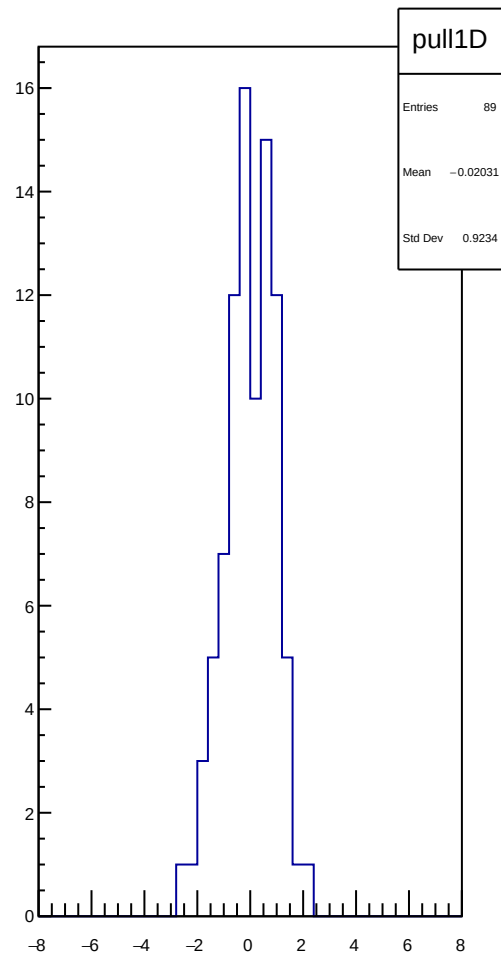
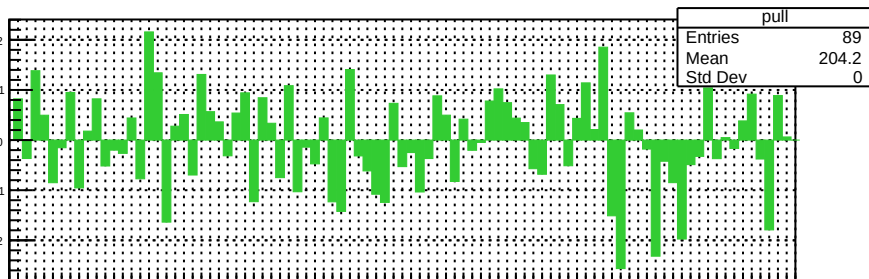
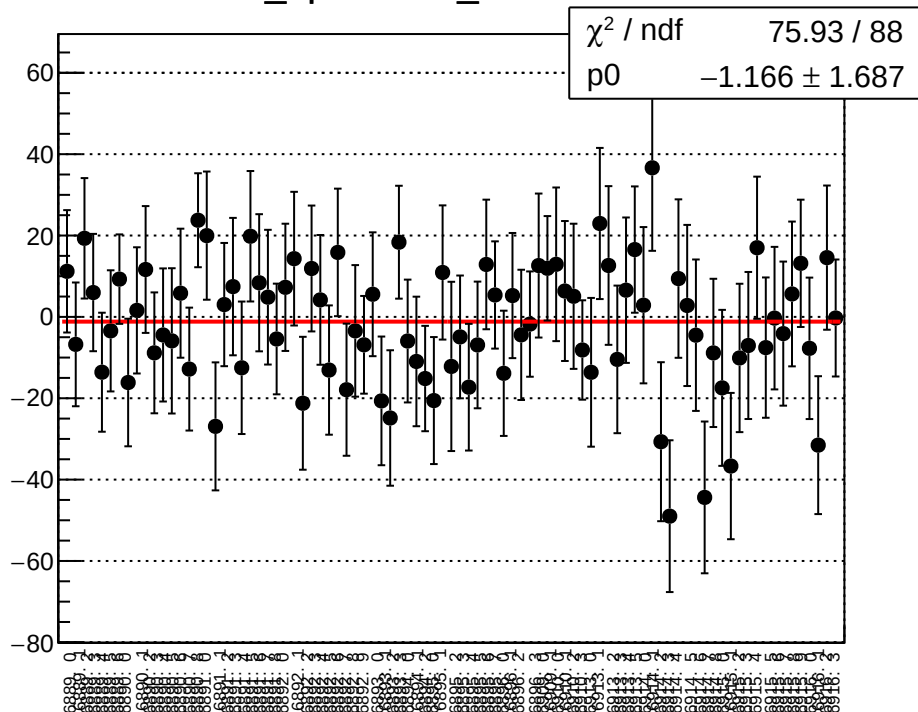
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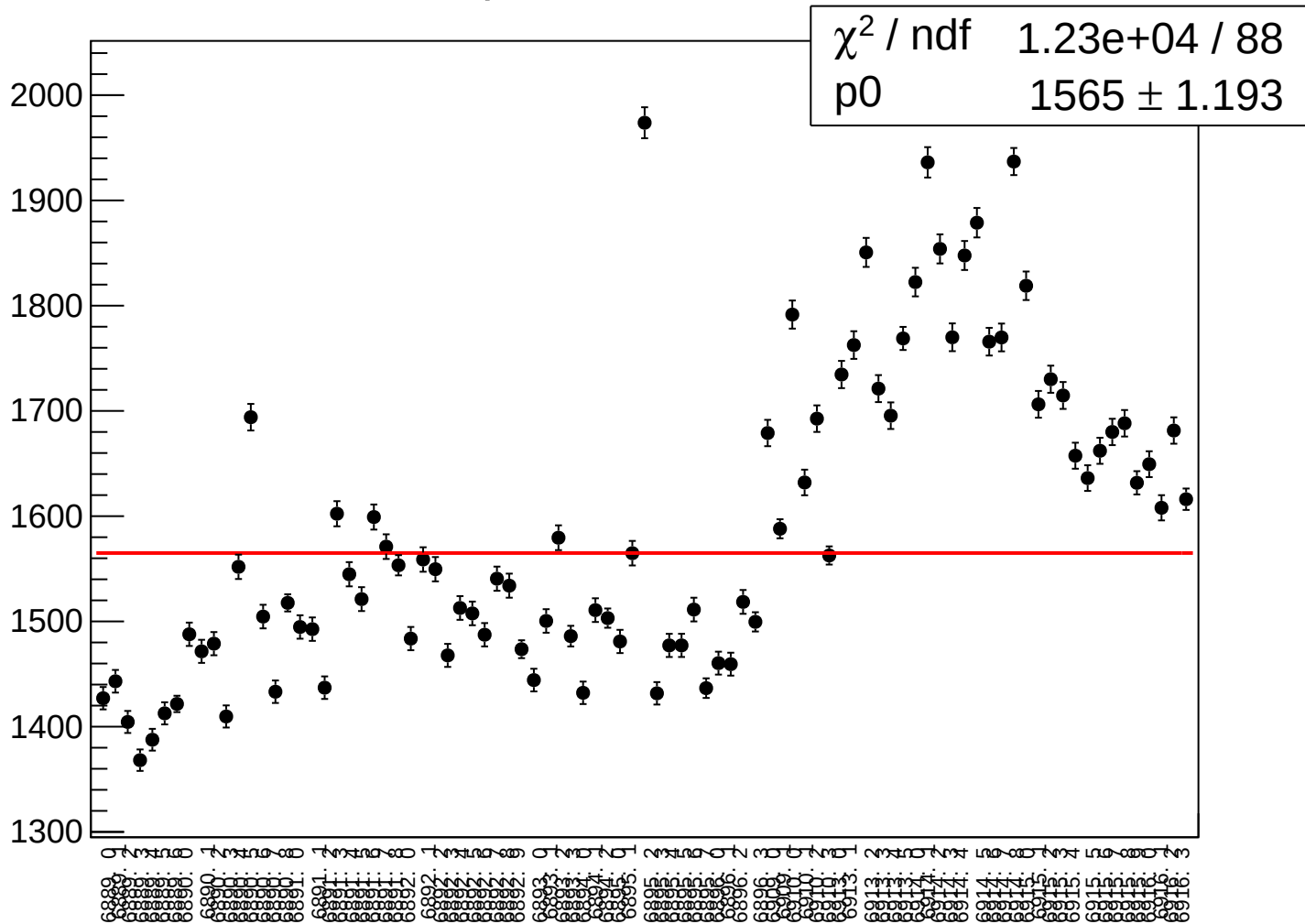
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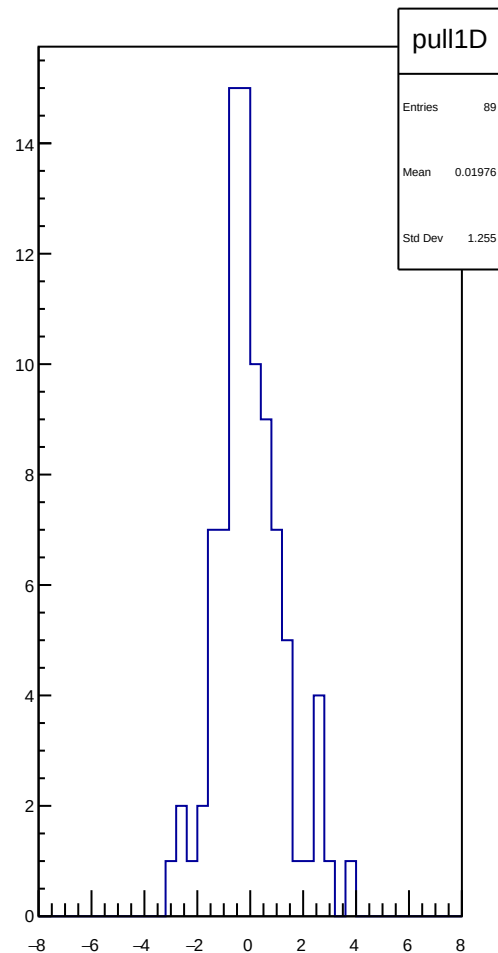
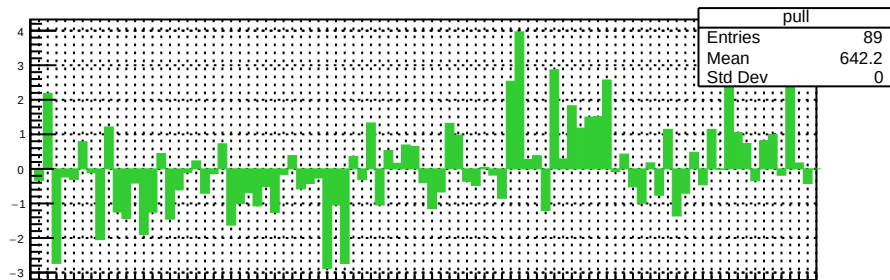
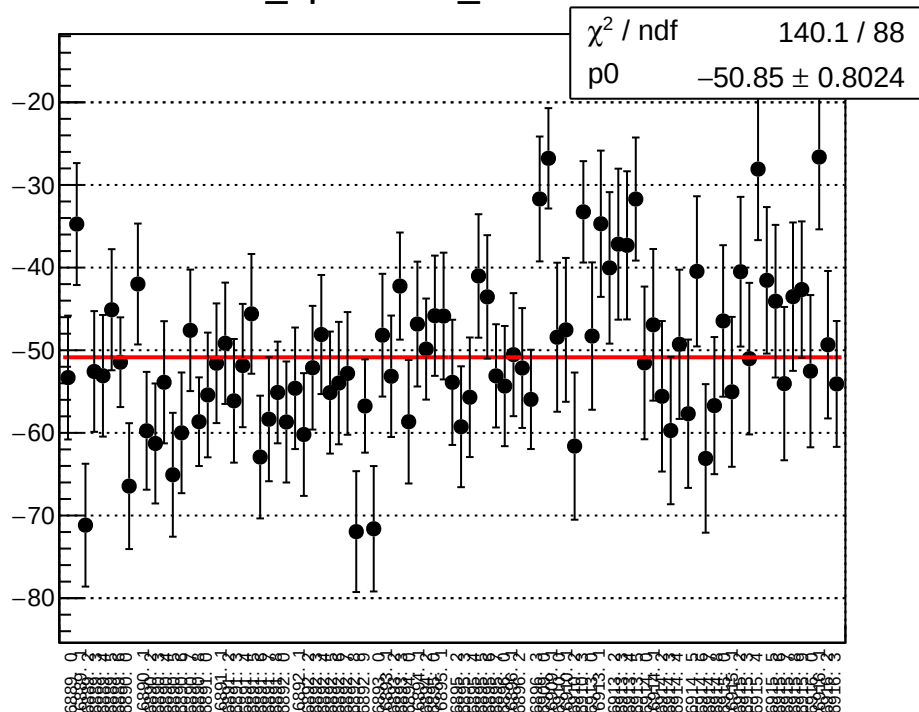
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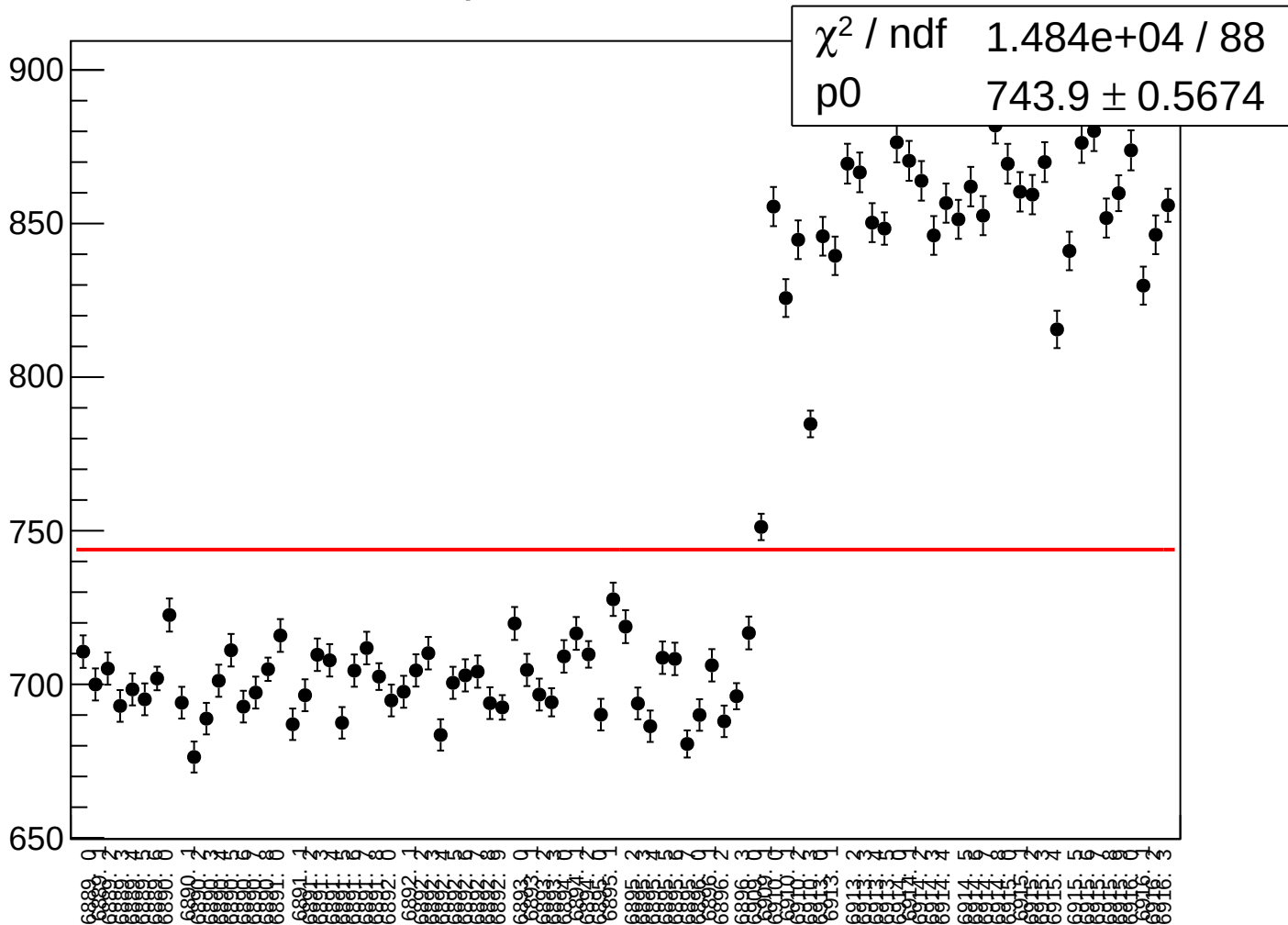
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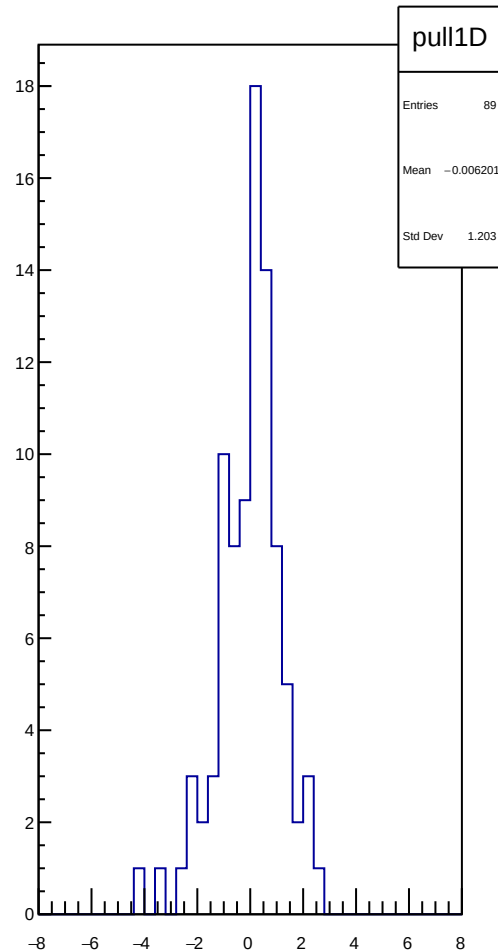
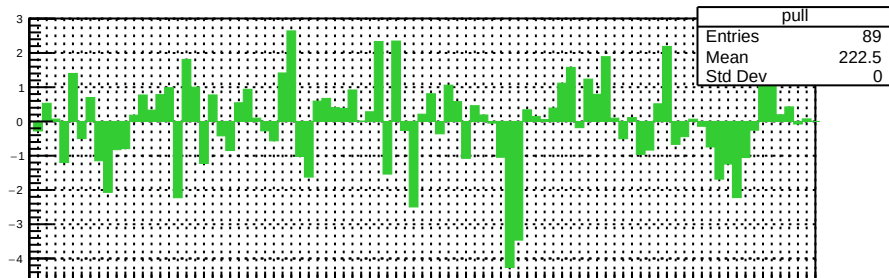
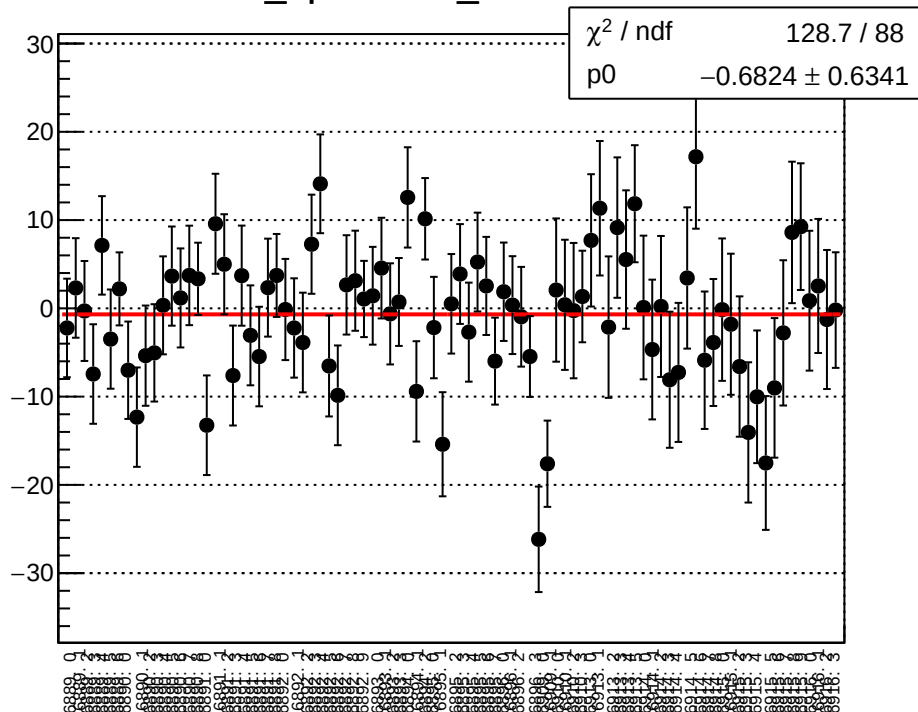
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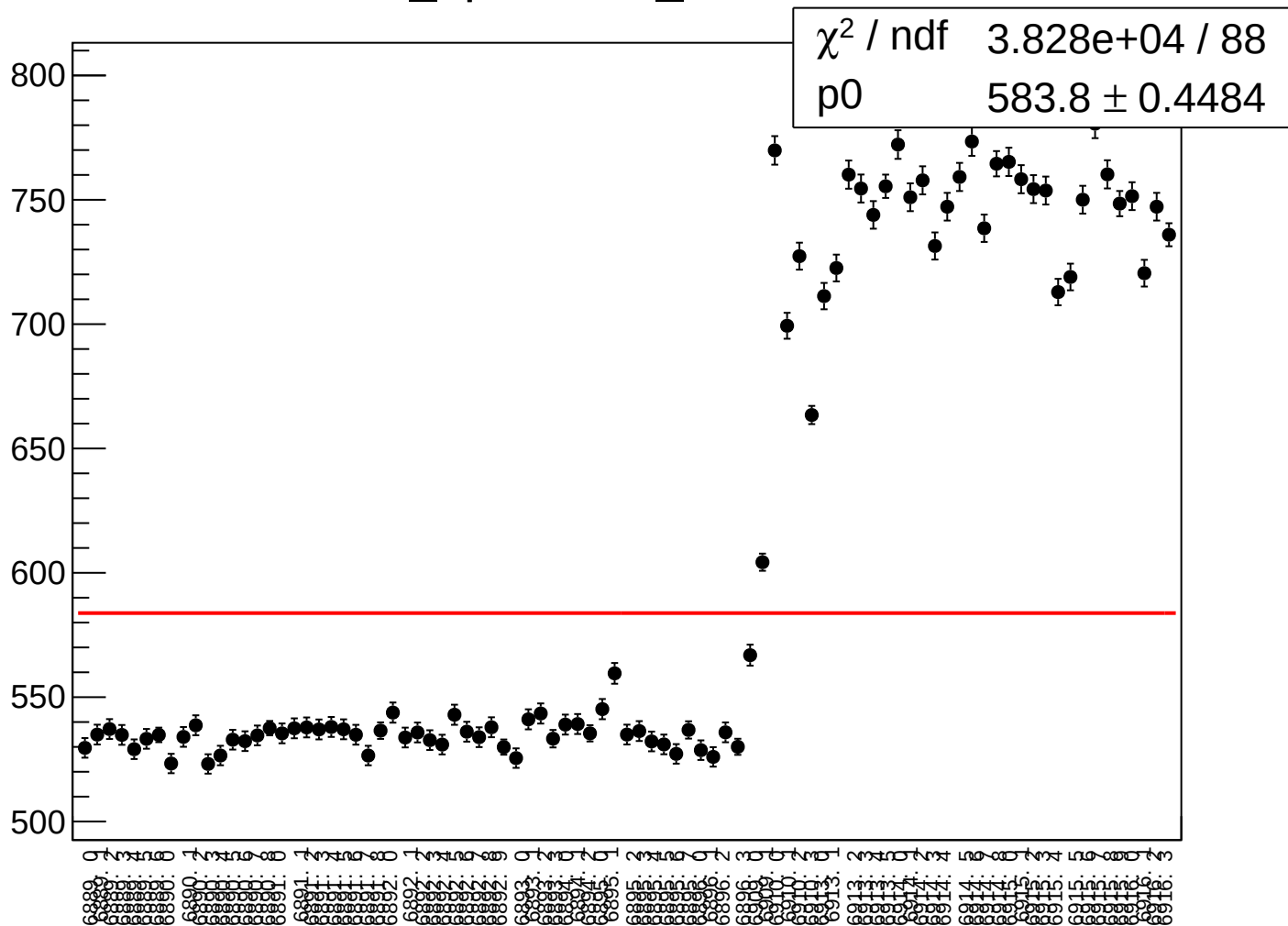
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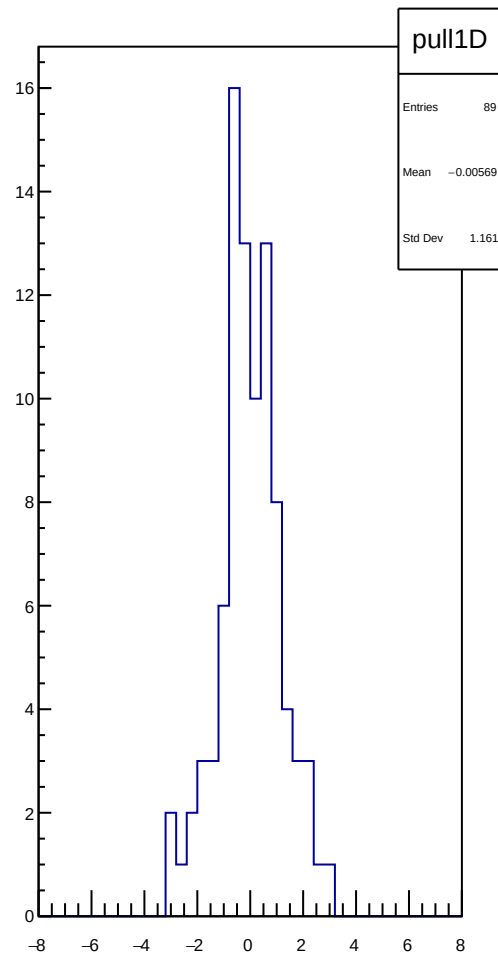
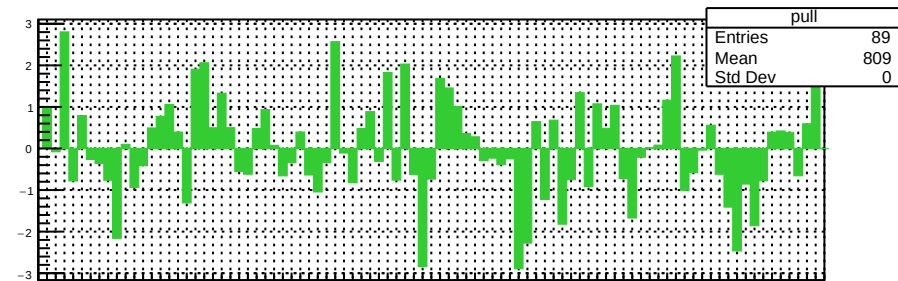
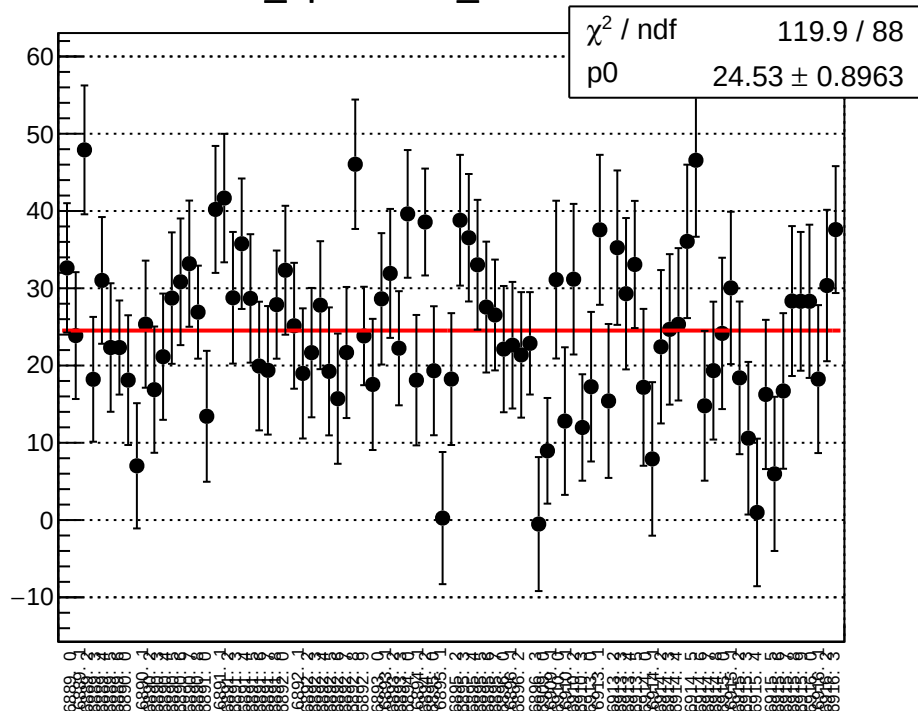
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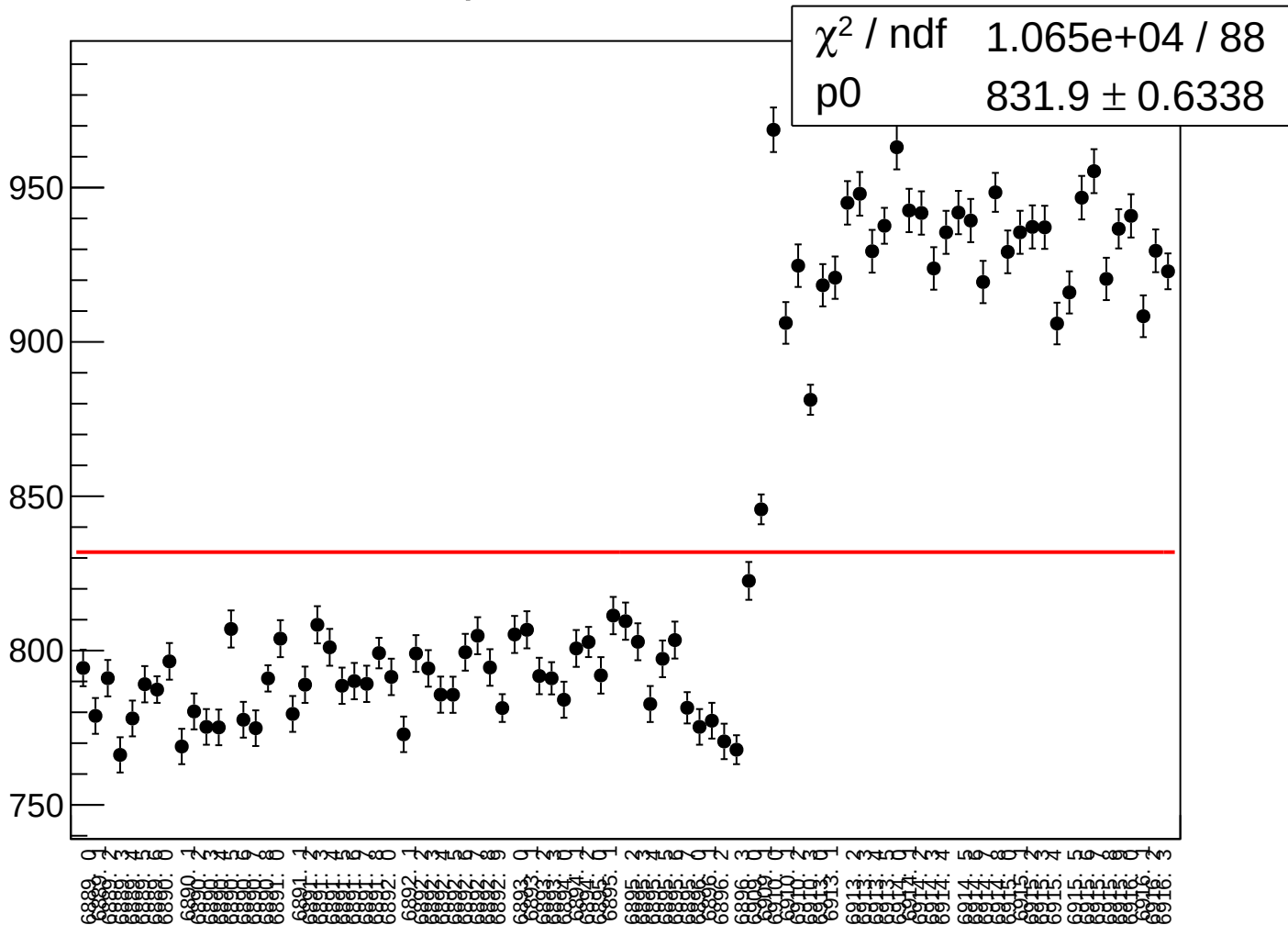
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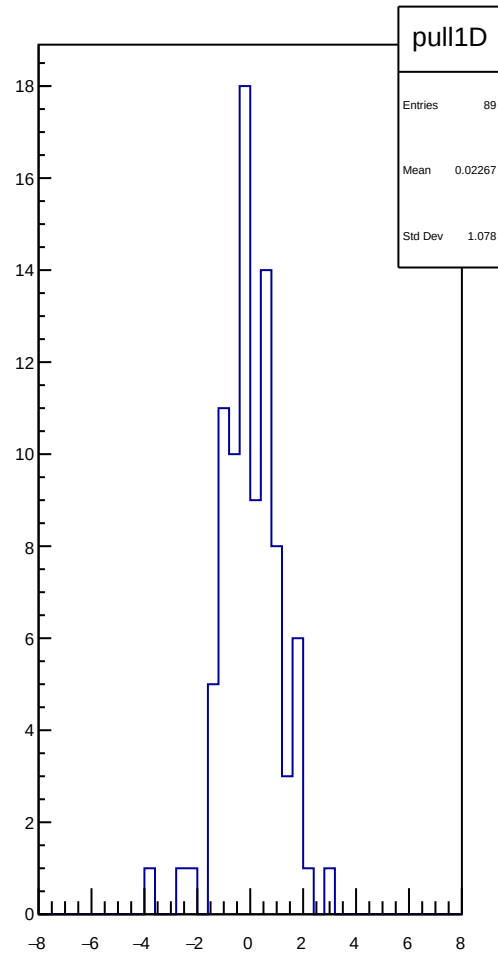
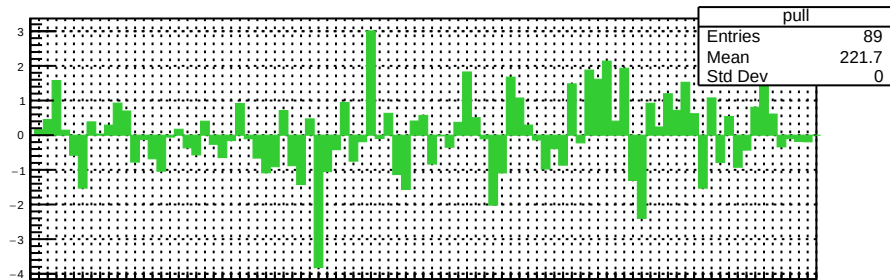
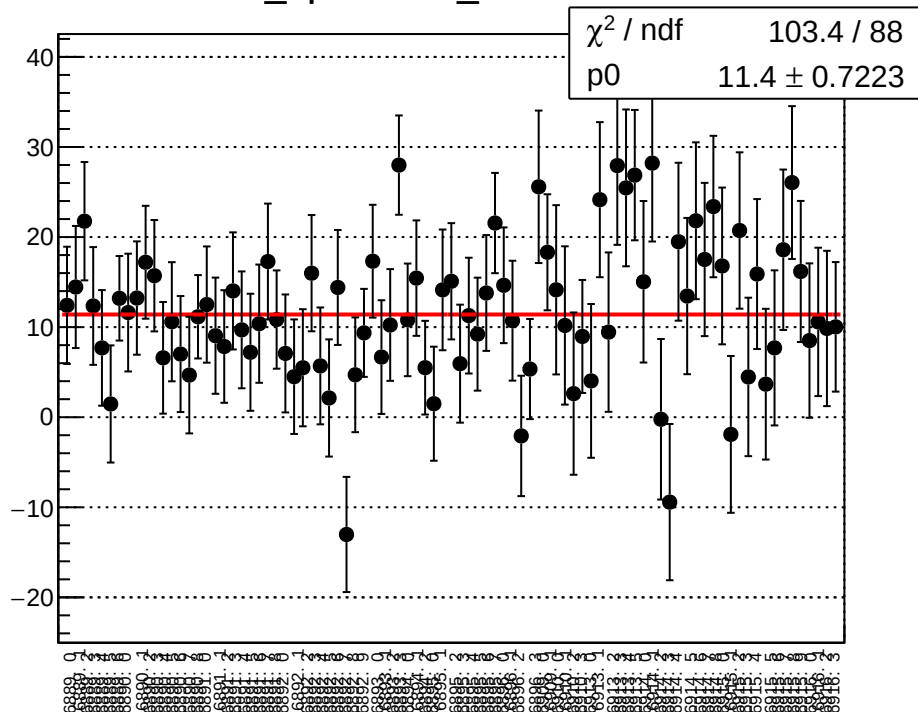
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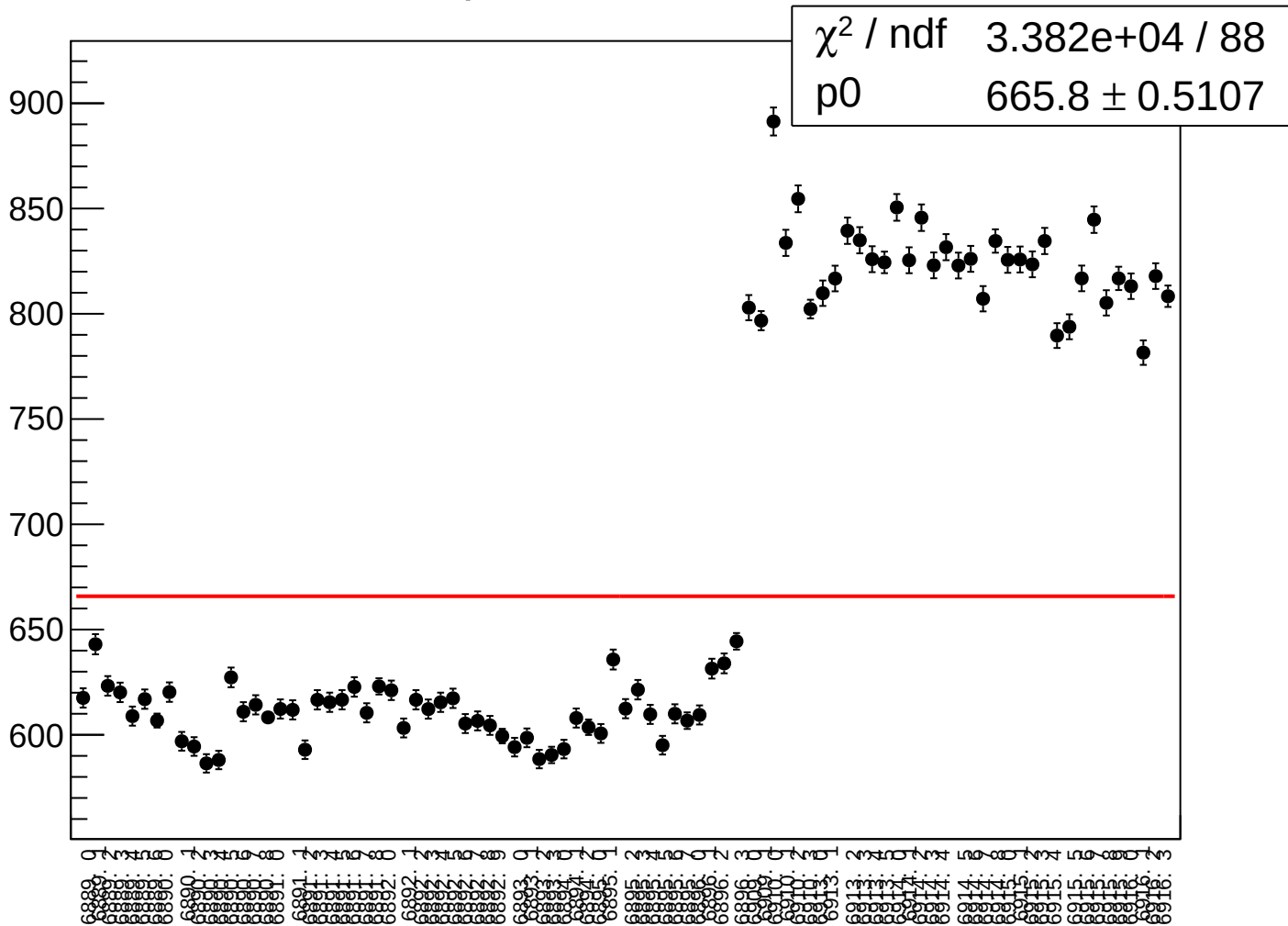
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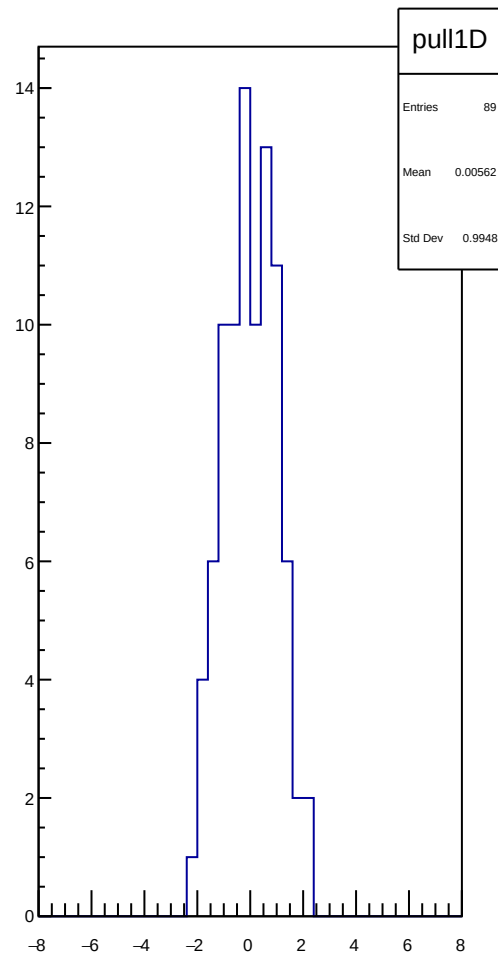
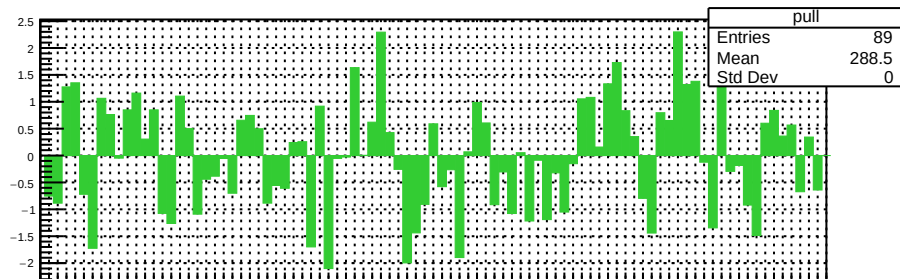
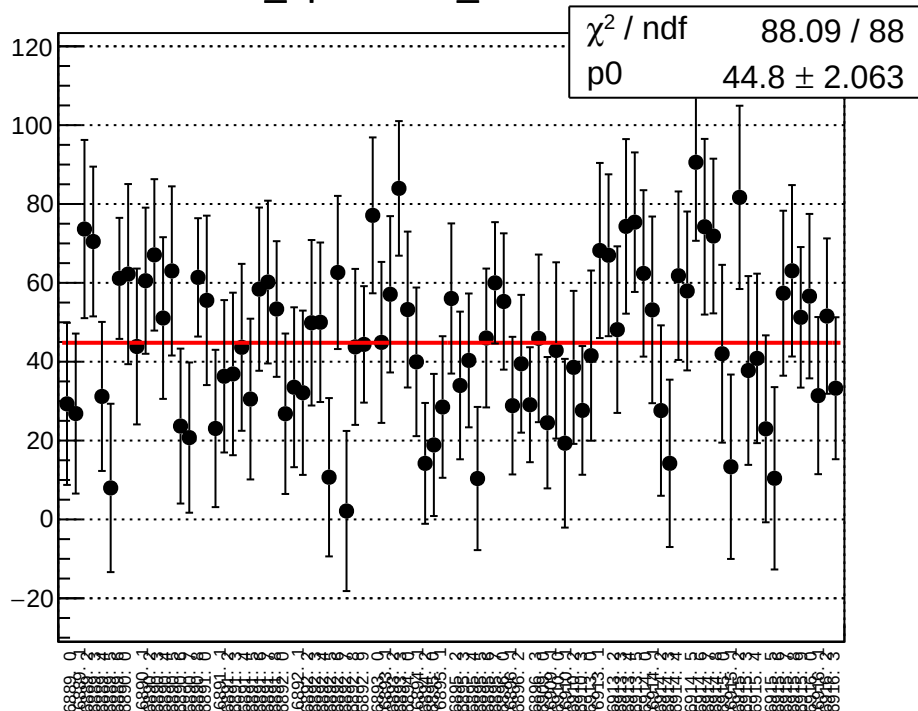
diff_bpm1i04Y_mean vs run



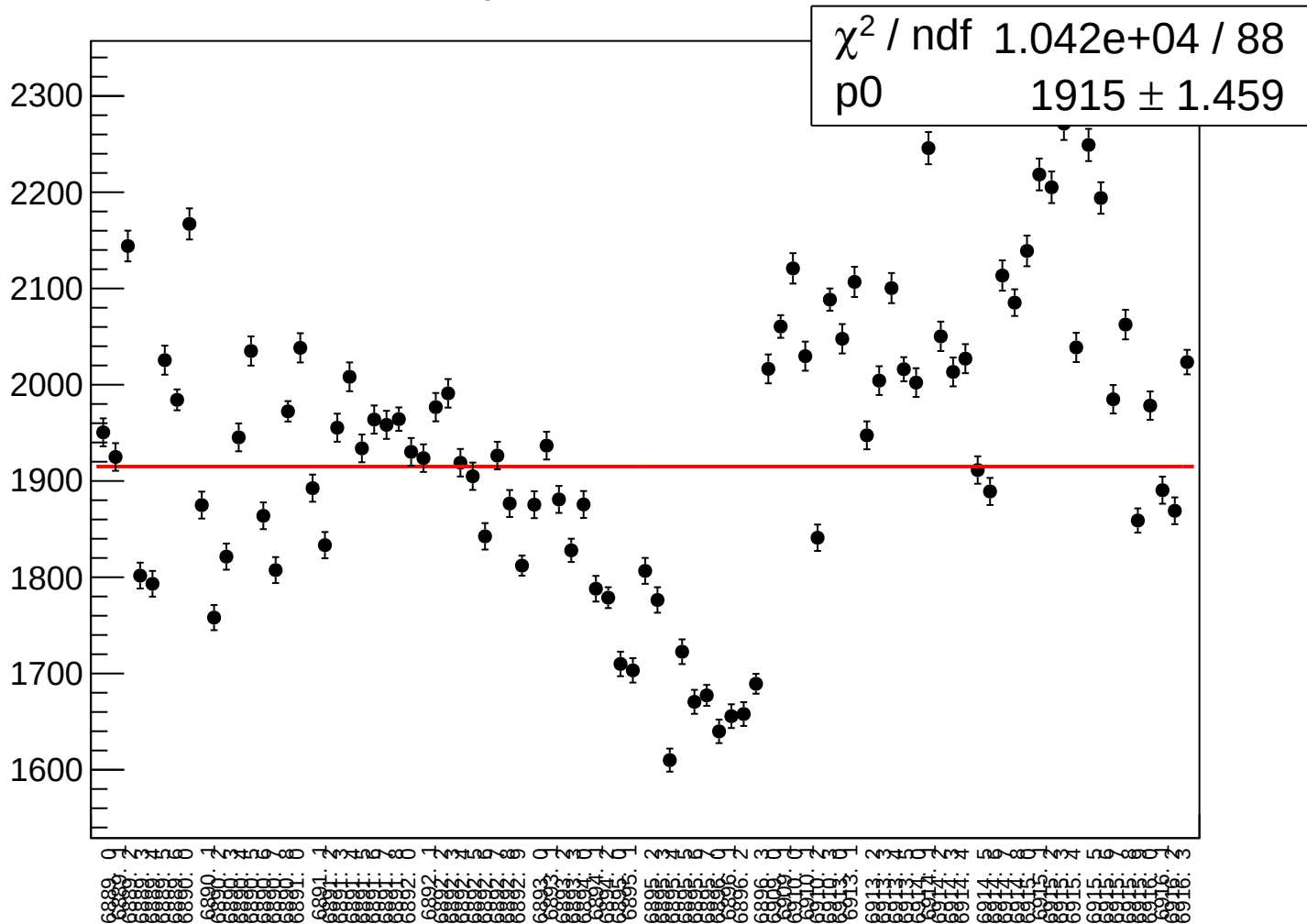
diff_bpm1i04Y_rms vs run



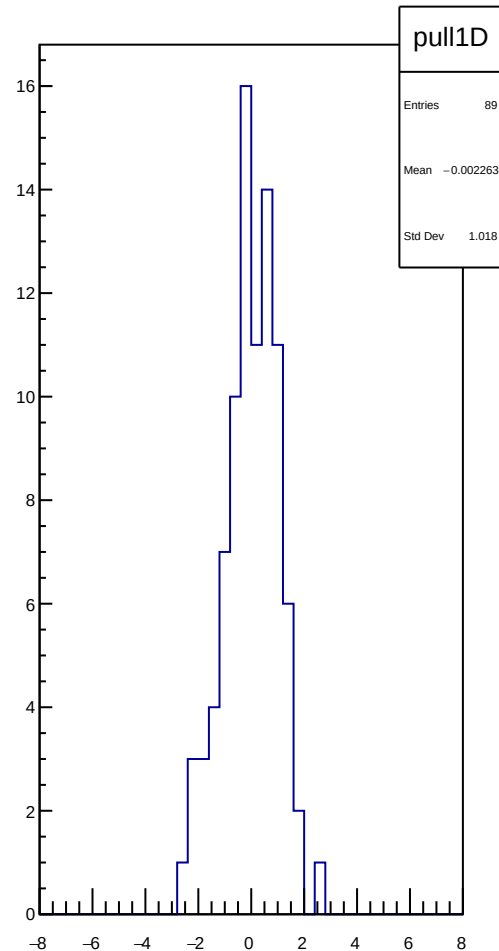
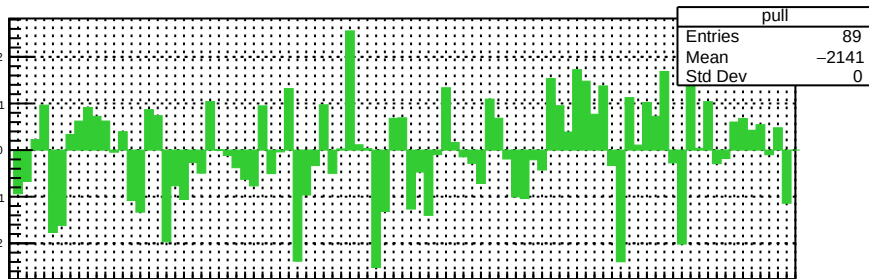
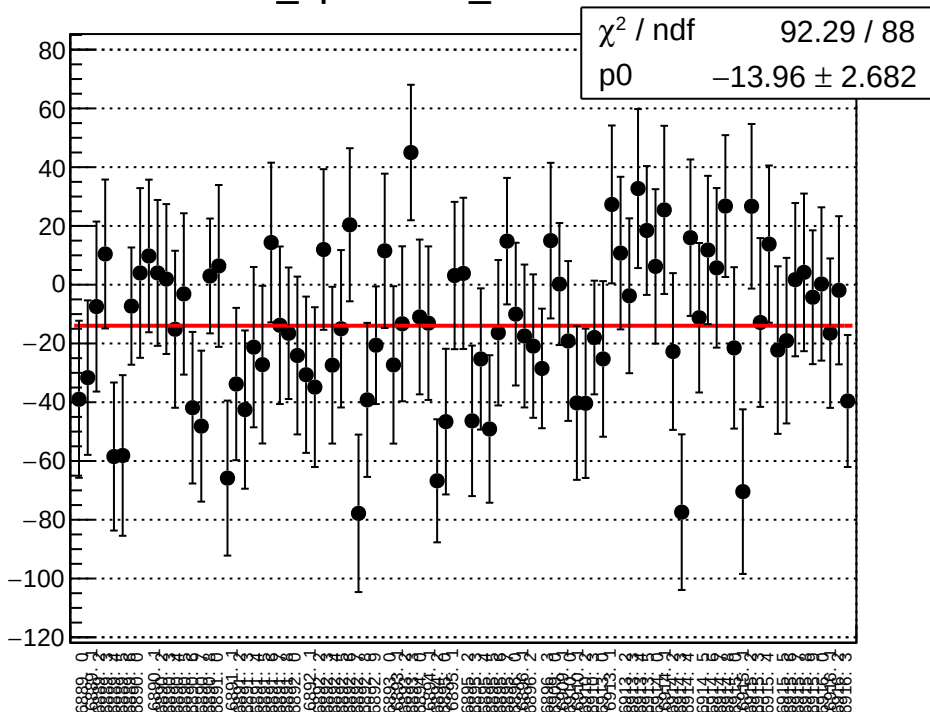
diff_bpm1i06X_mean vs run



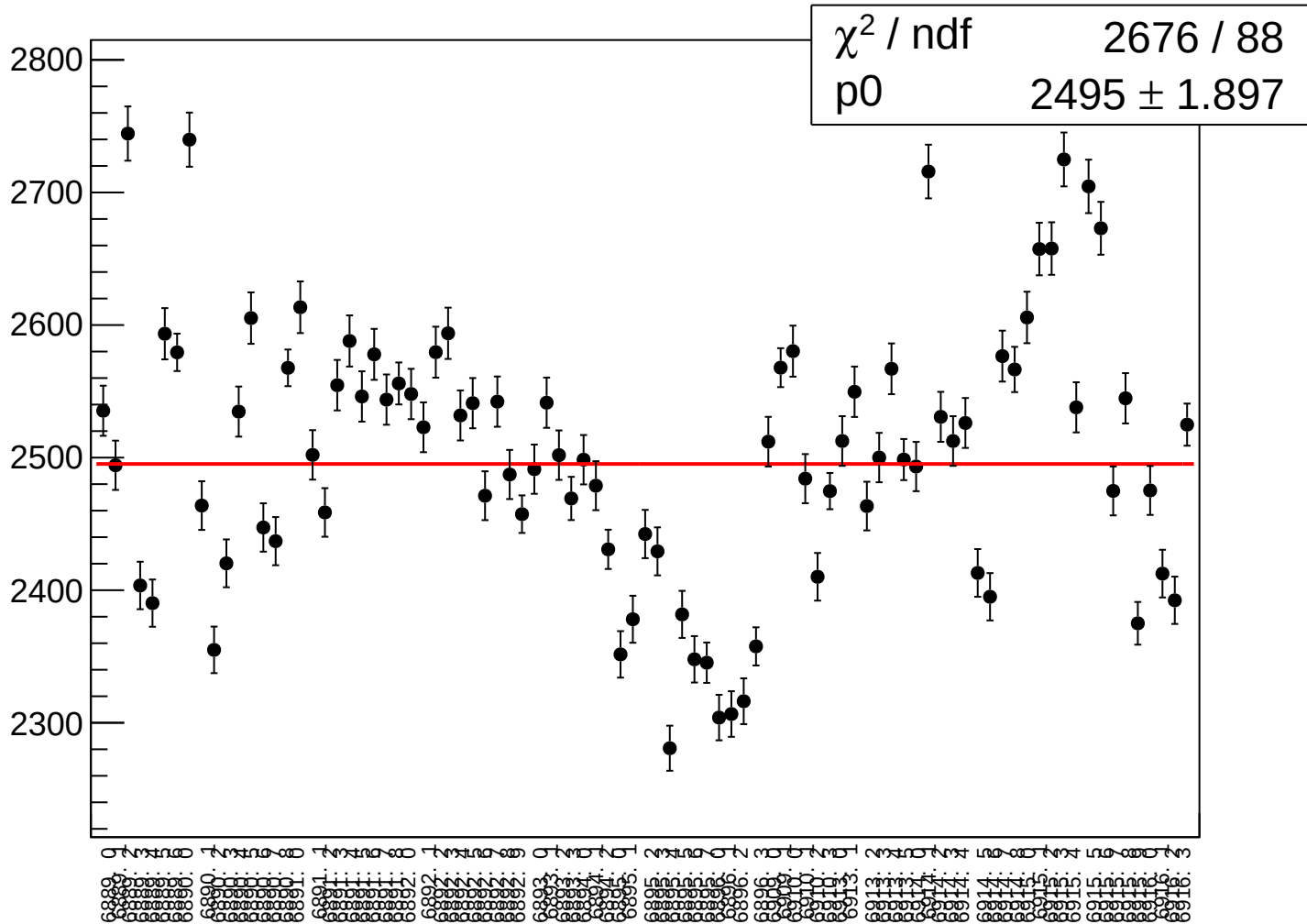
diff_bpm1i06X_rms vs run



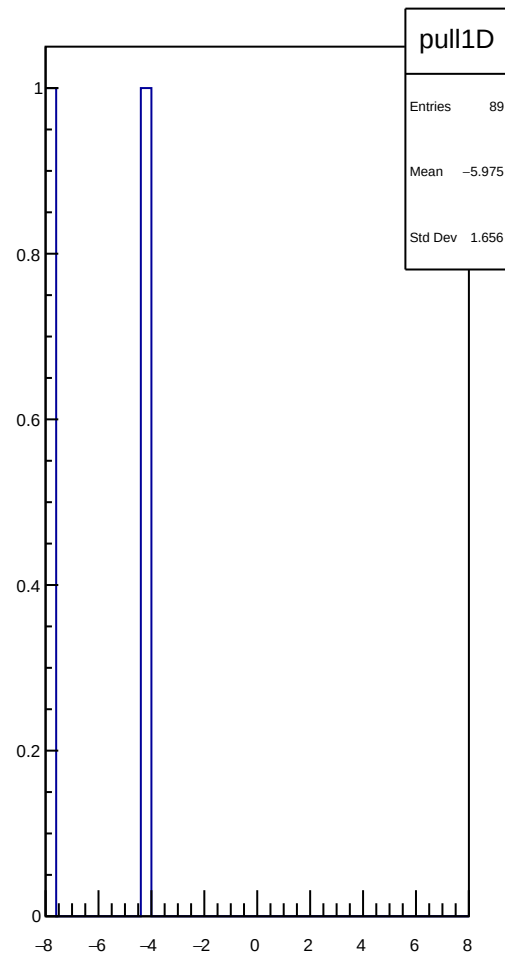
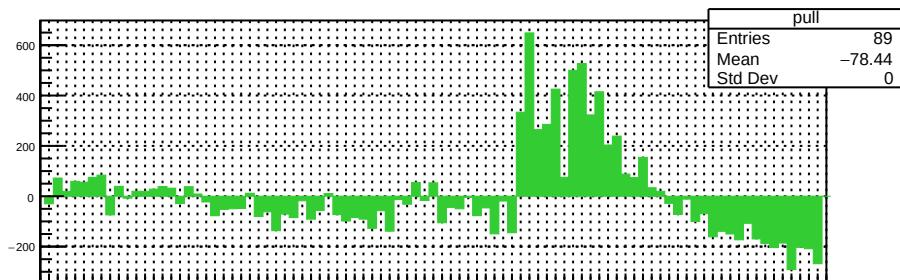
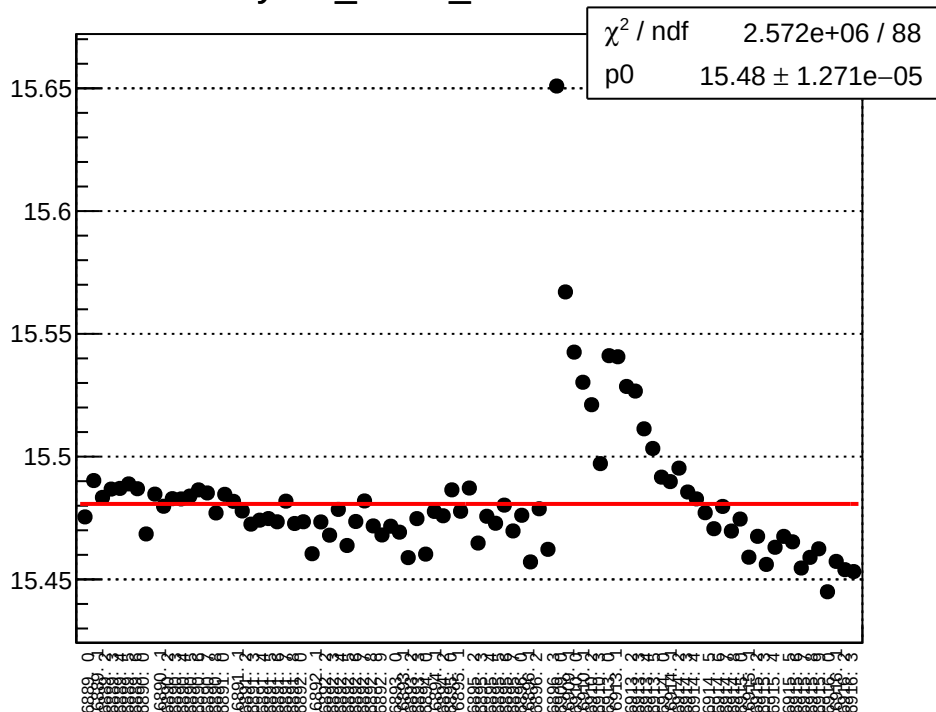
diff_bpm1i06Y_mean vs run



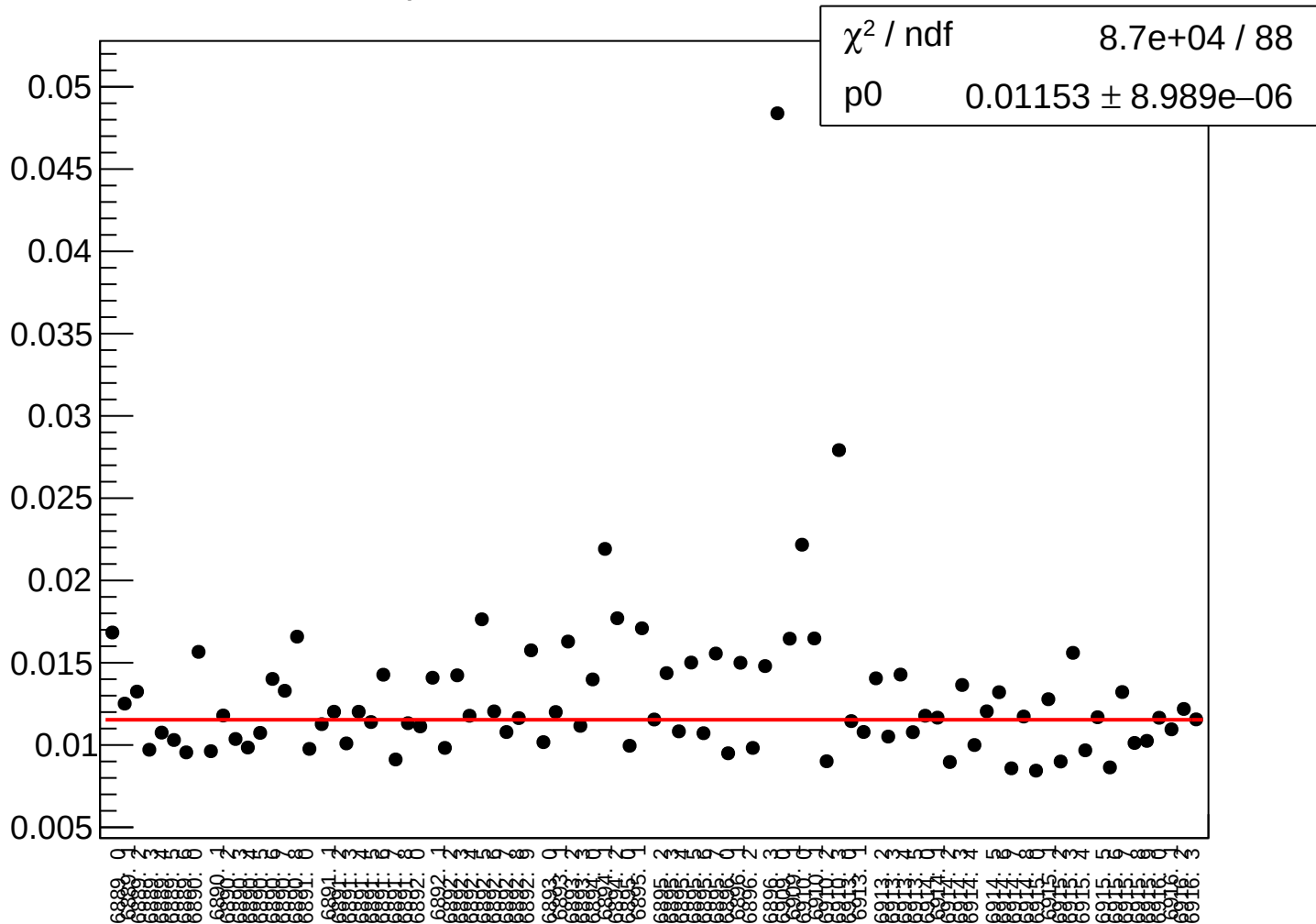
diff_bpm1i06Y_rms vs run



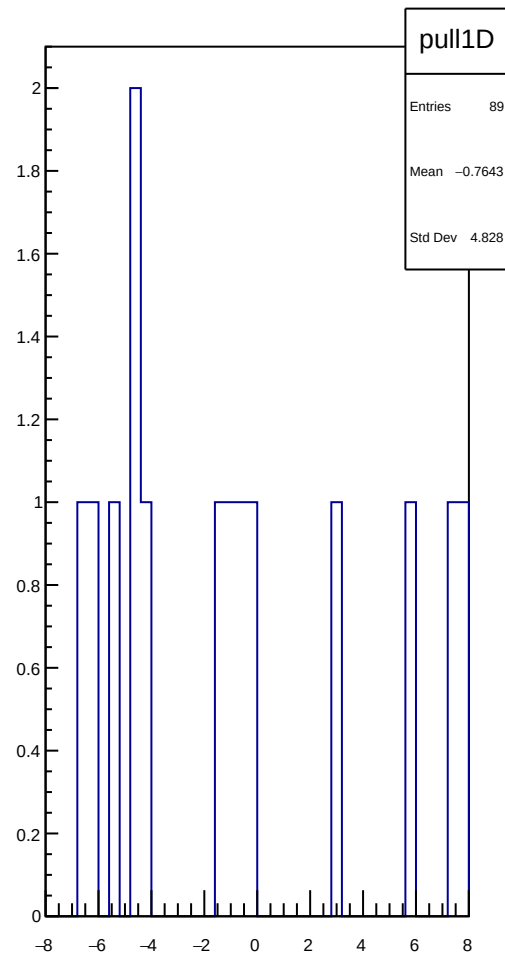
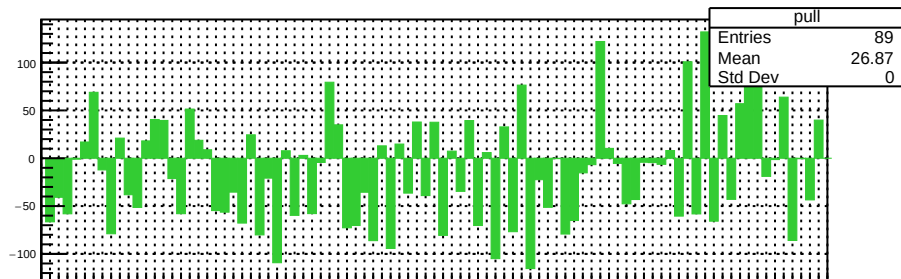
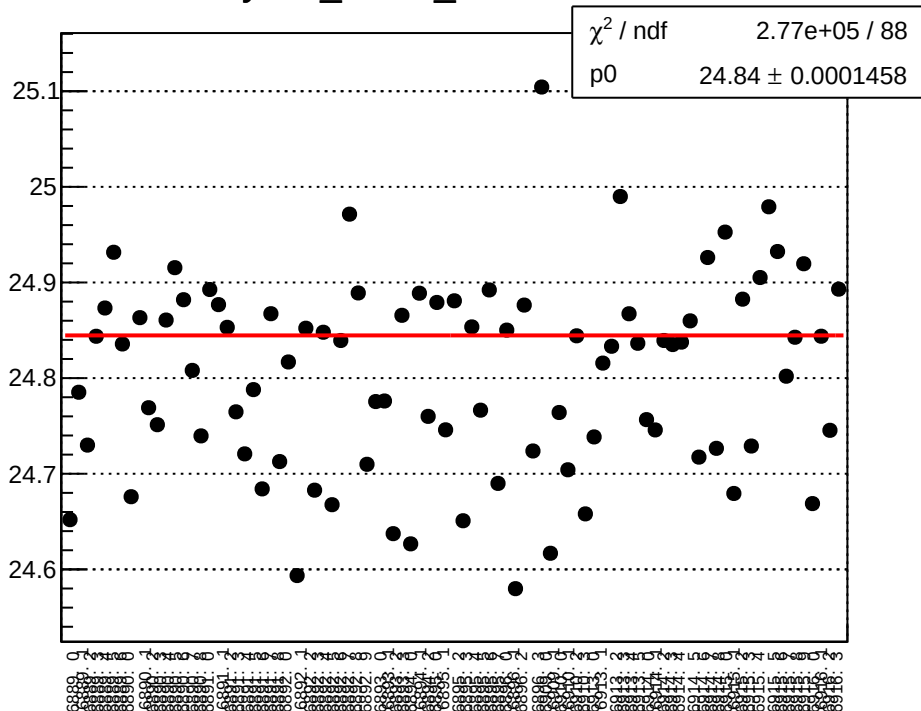
yield_sam1_mean vs run



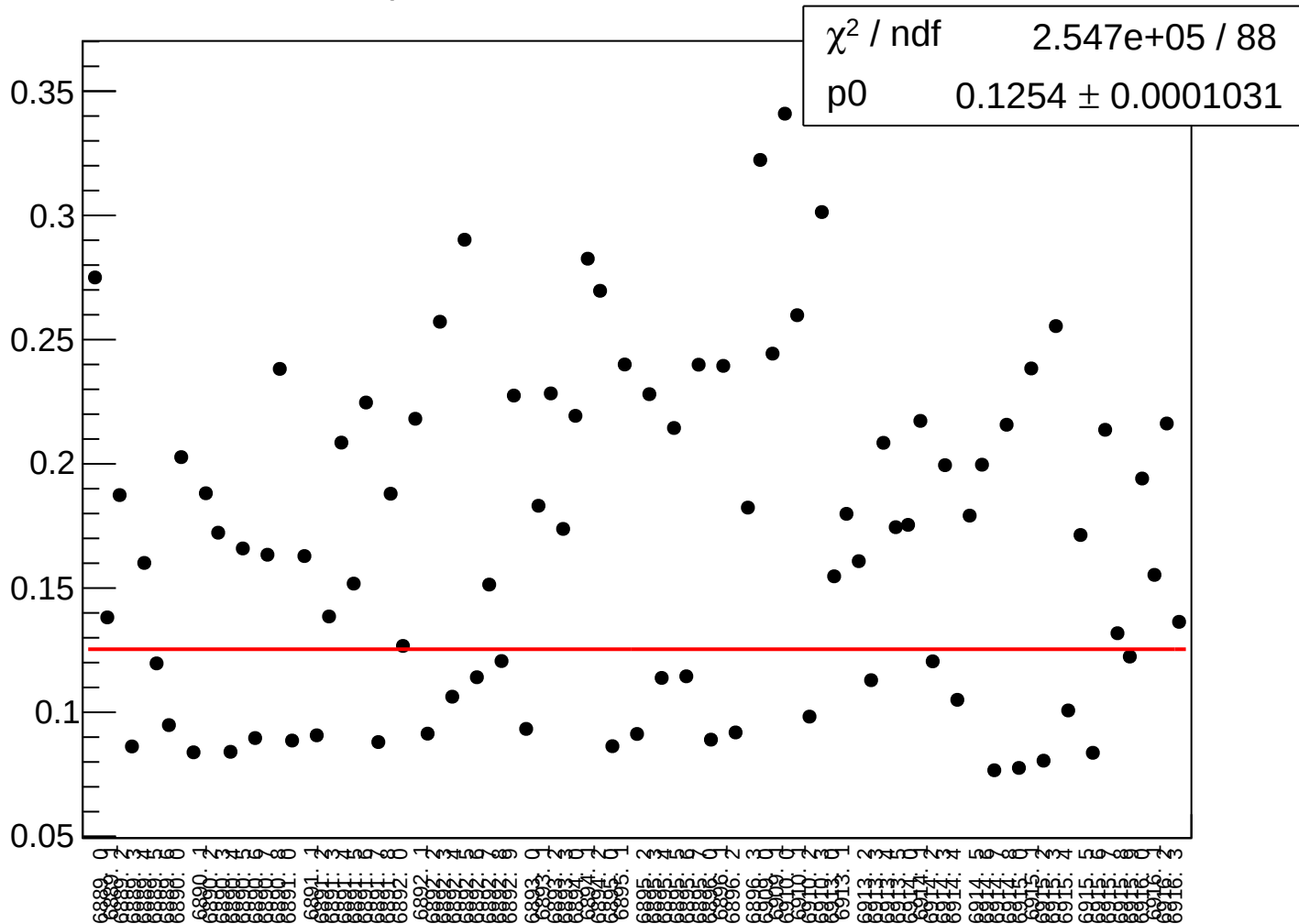
yield_sam1_rms vs run



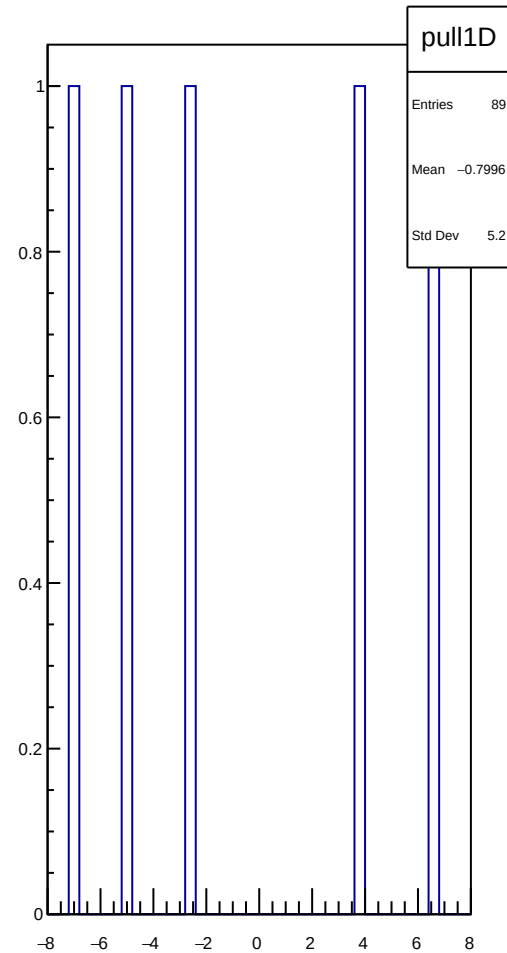
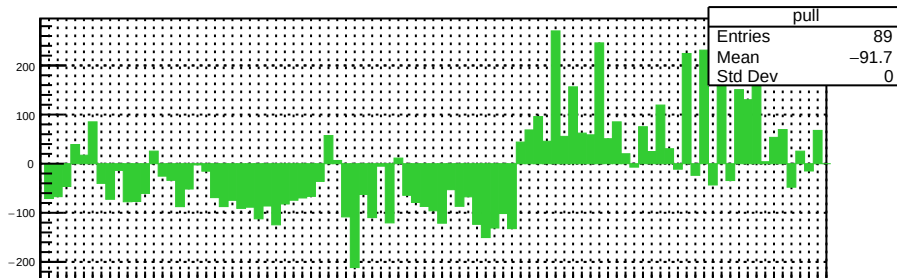
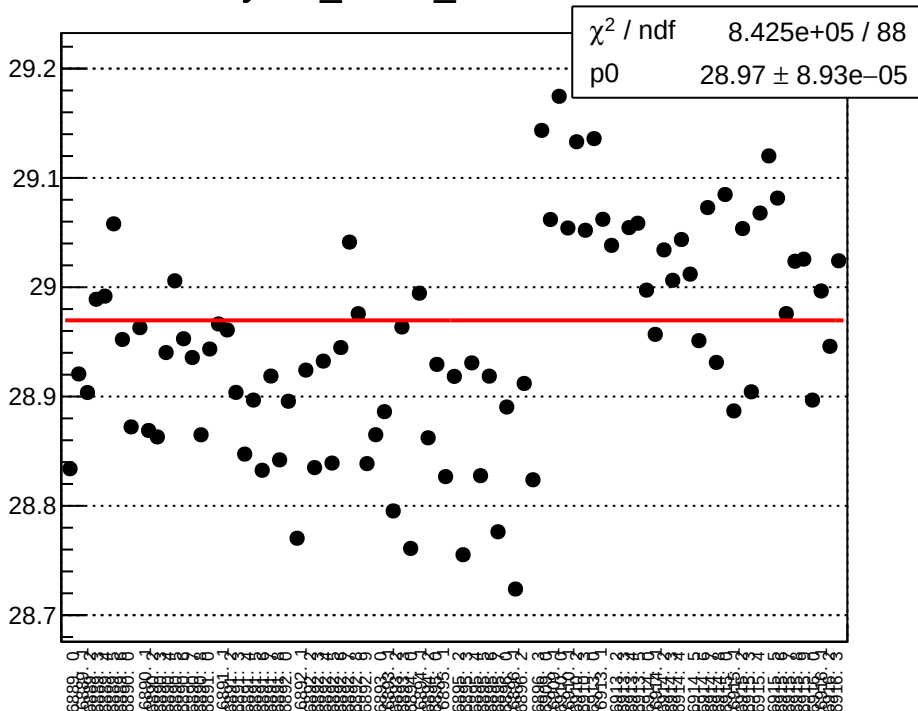
yield_sam2_mean vs run



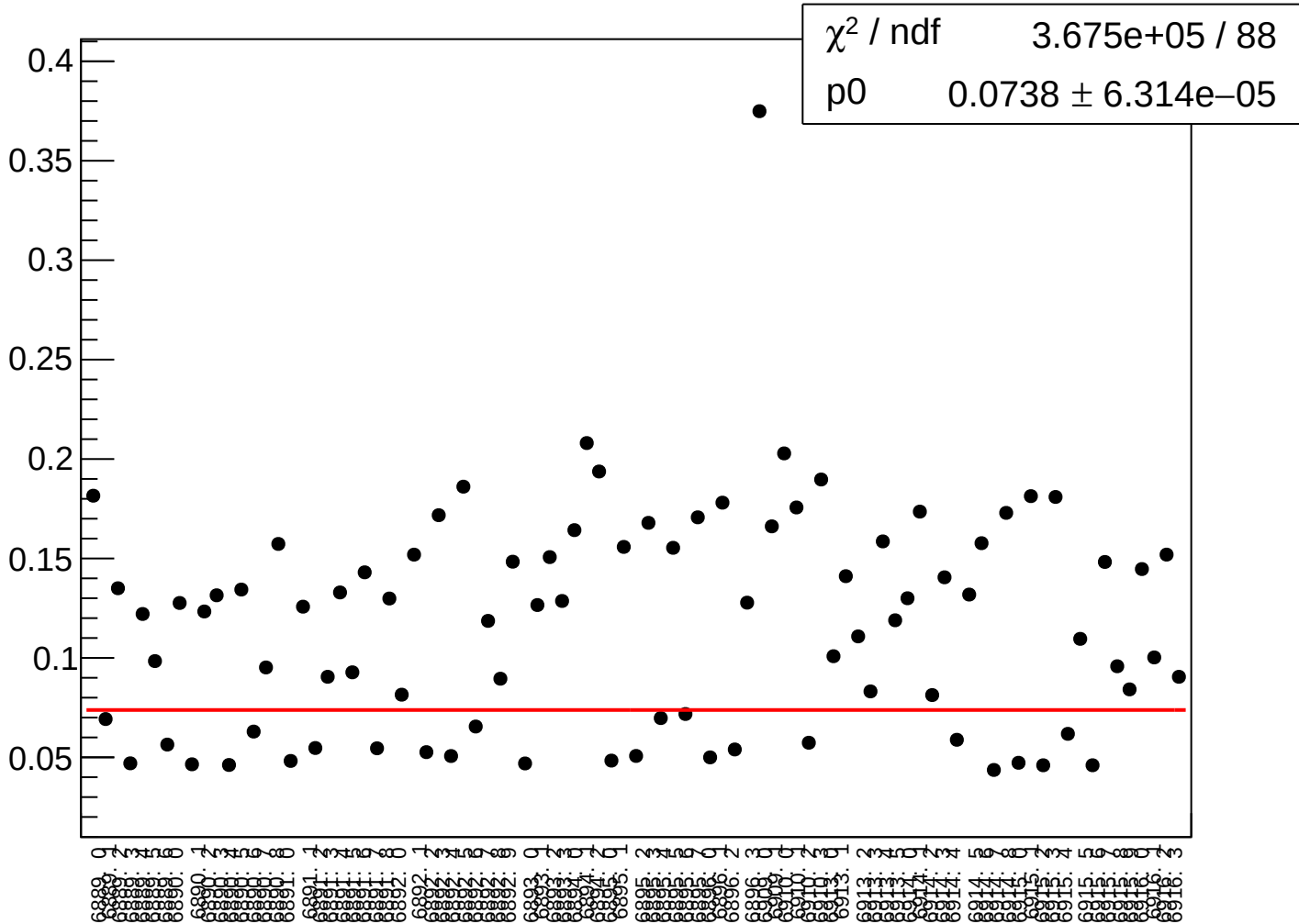
yield_sam2_rms vs run



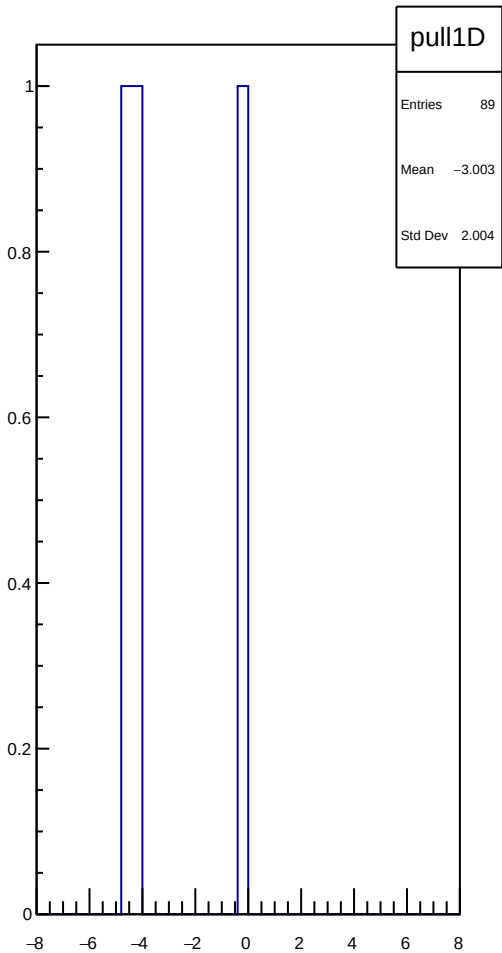
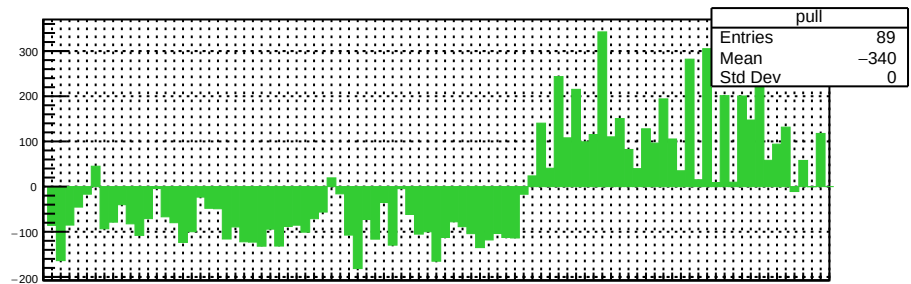
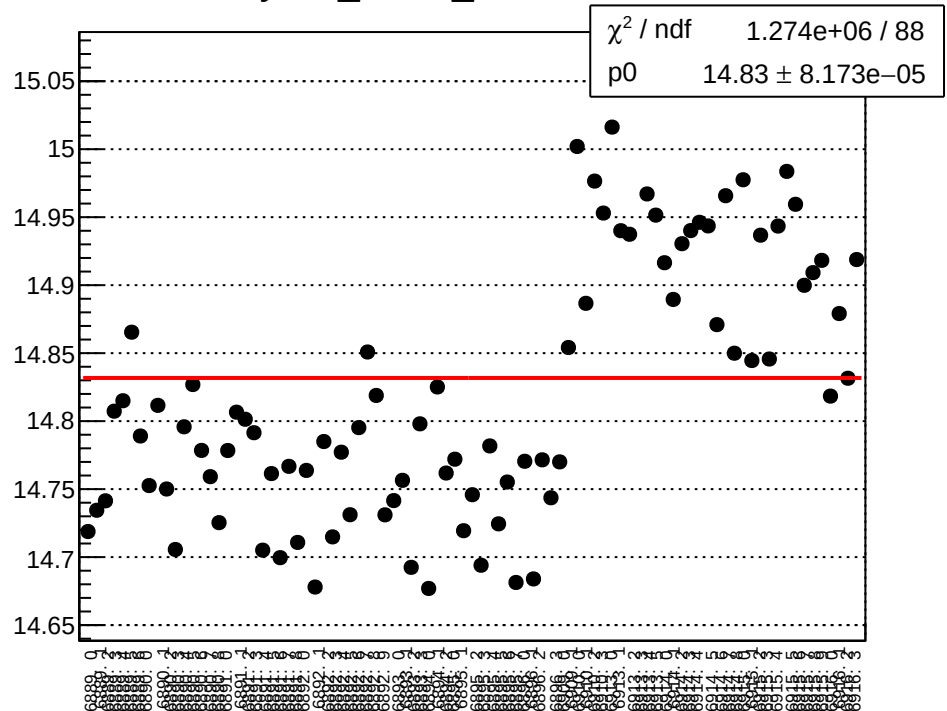
yield_sam3_mean vs run



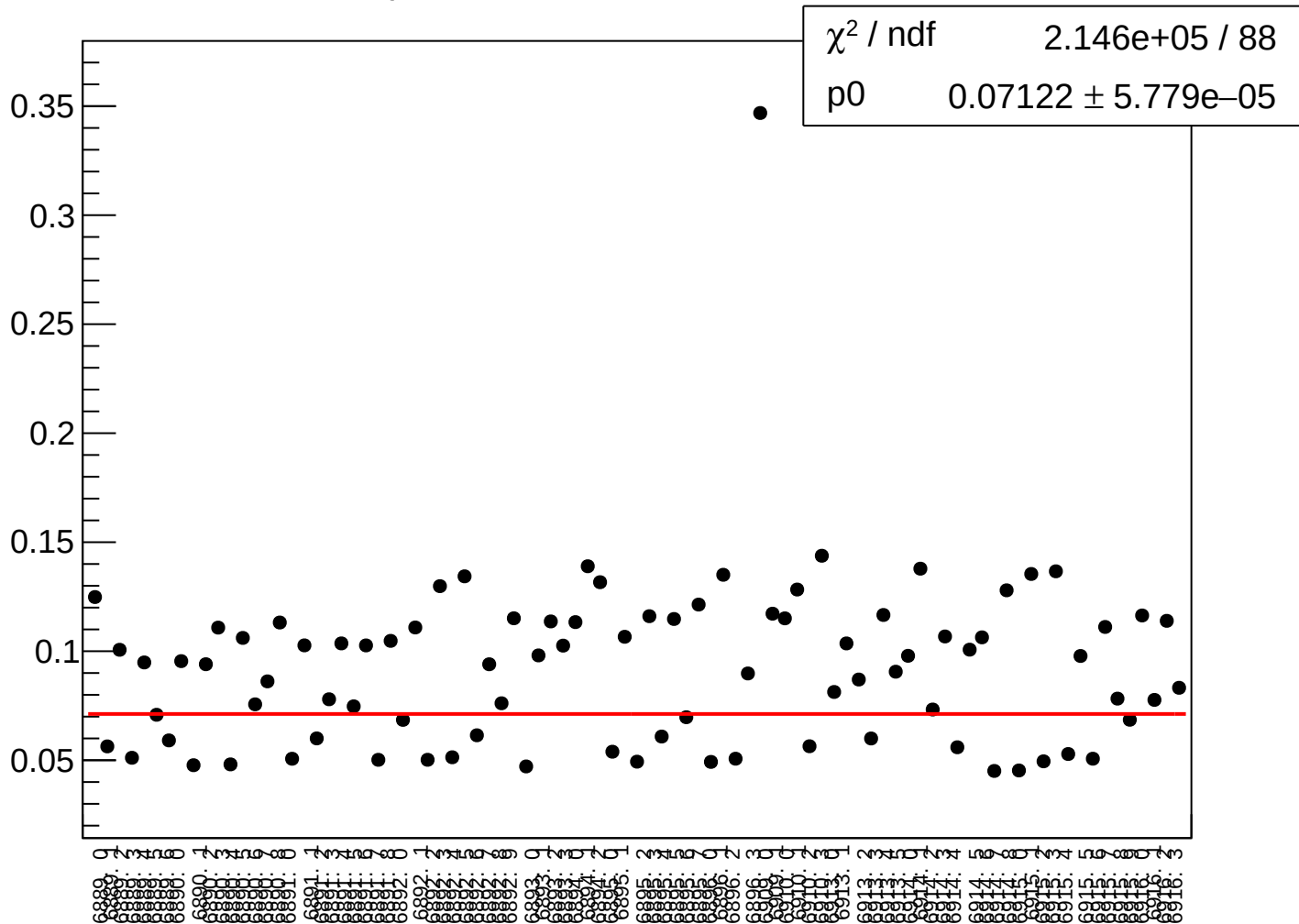
yield_sam3_rms vs run



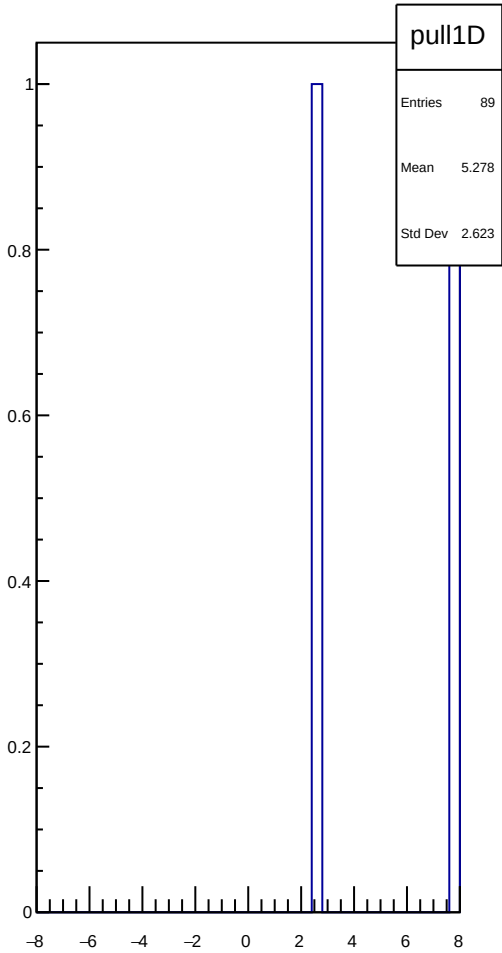
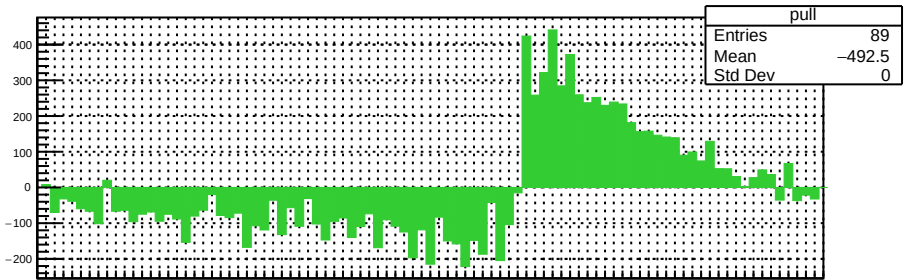
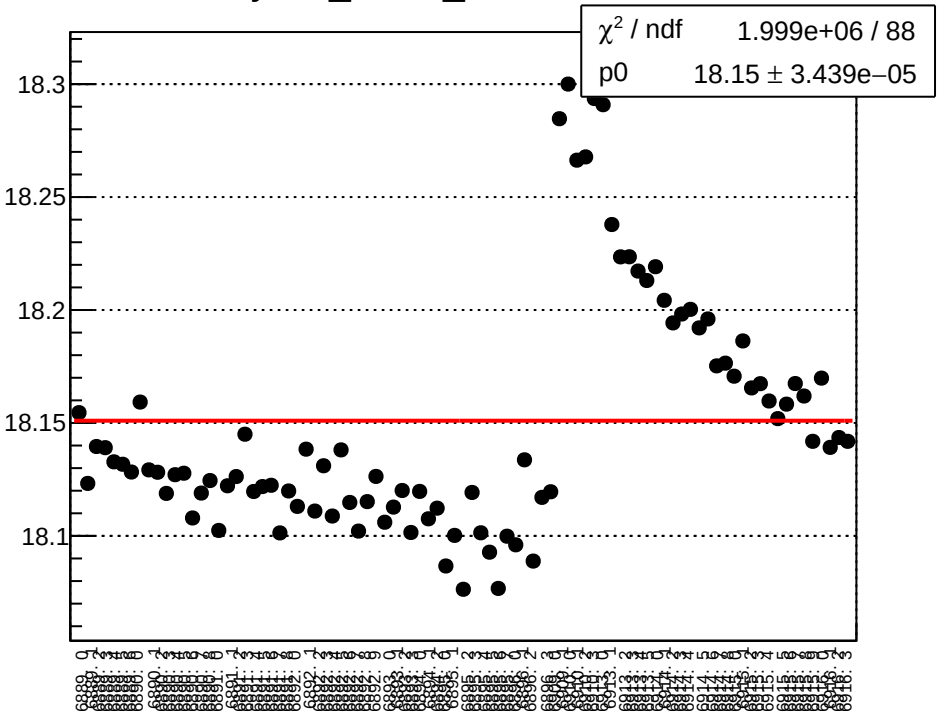
yield_sam4_mean vs run



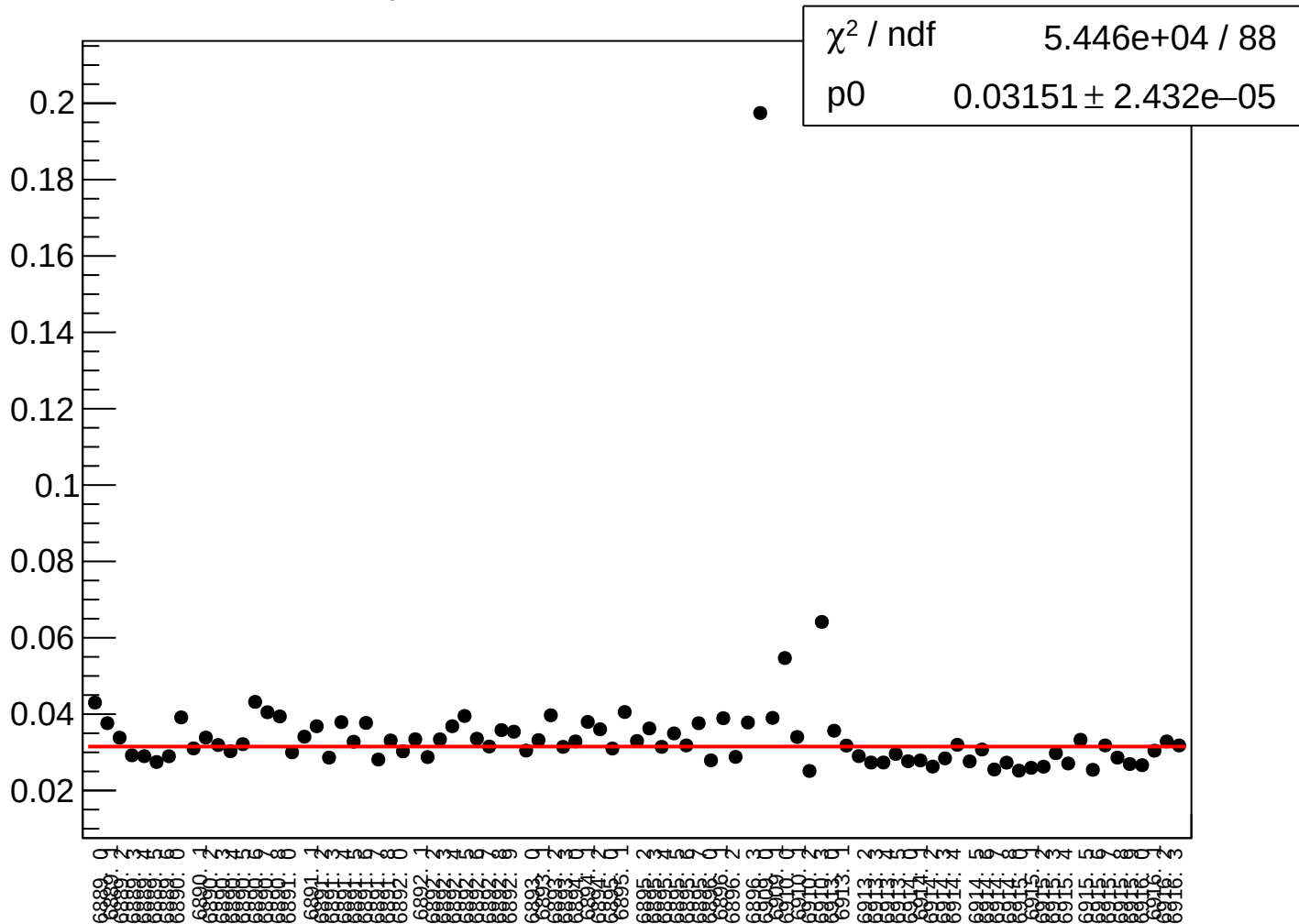
yield_sam4_rms vs run



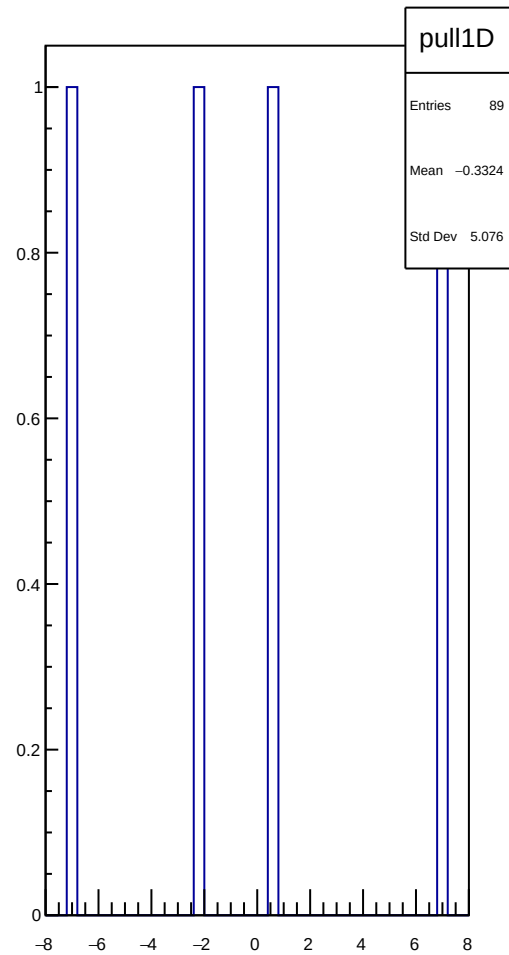
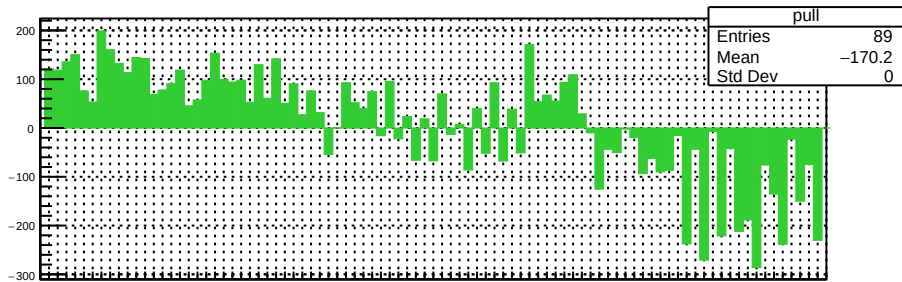
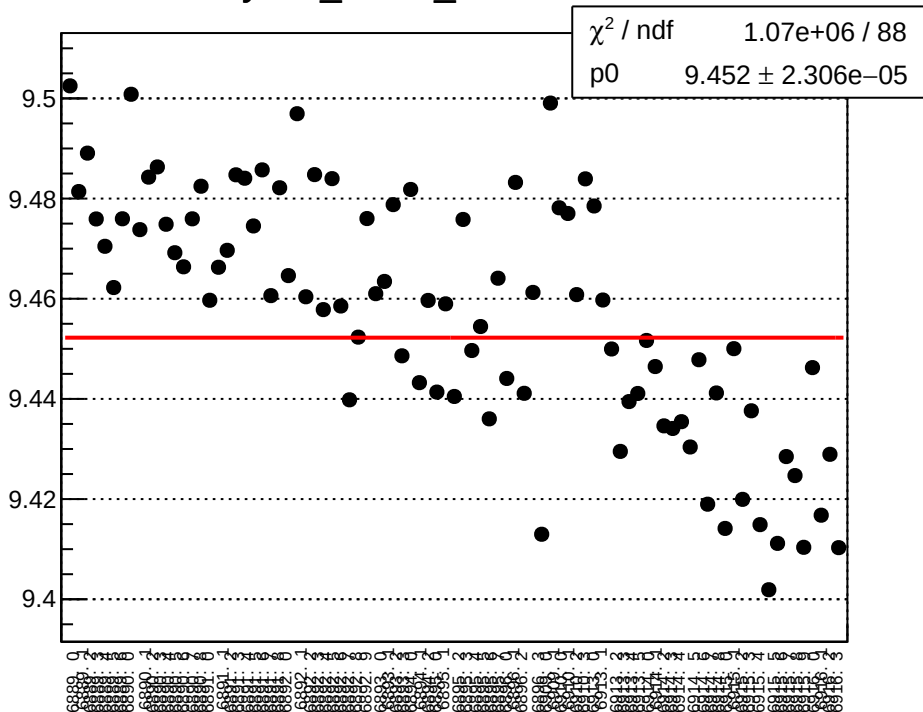
yield_sam5_mean vs run



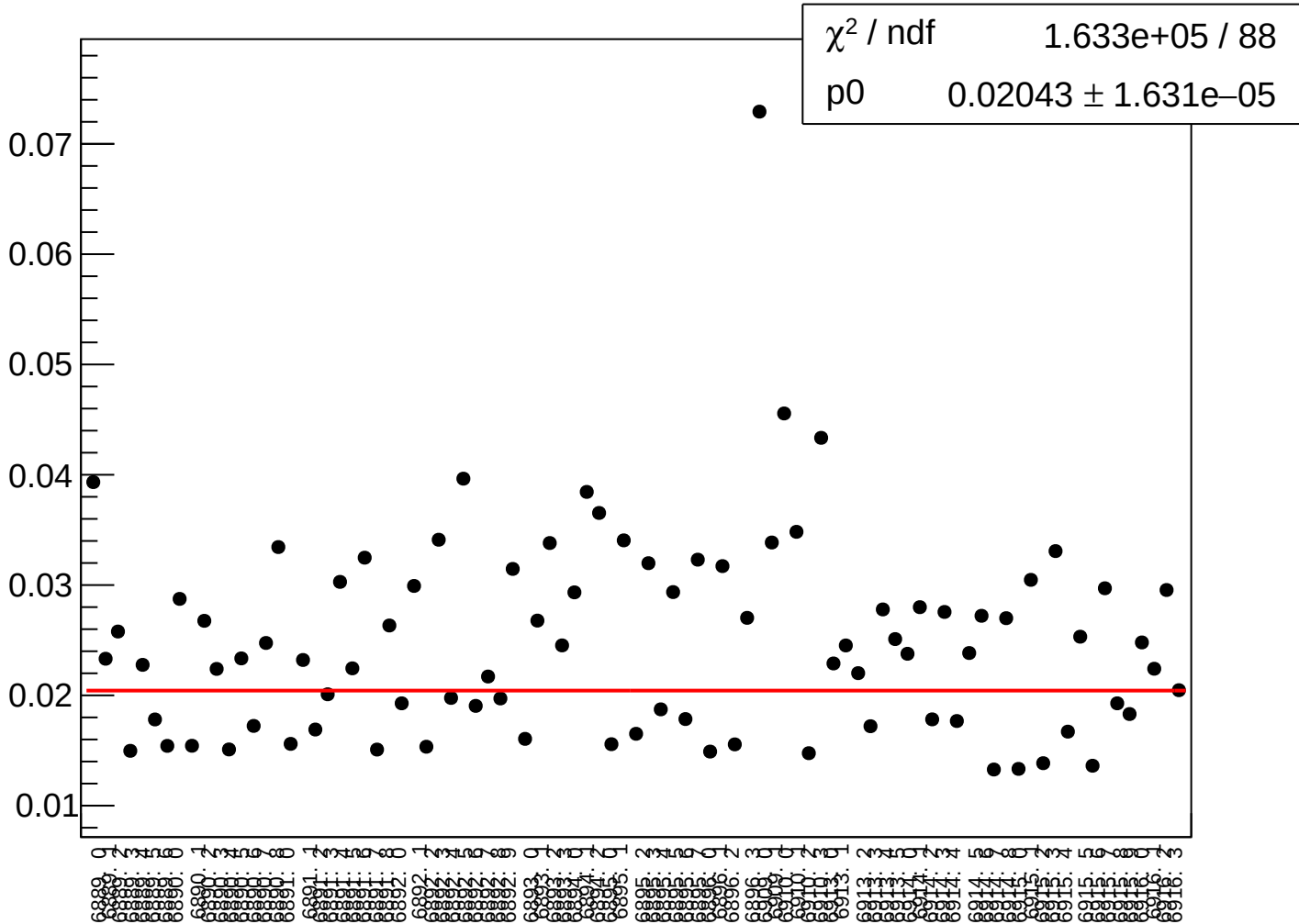
yield_sam5_rms vs run



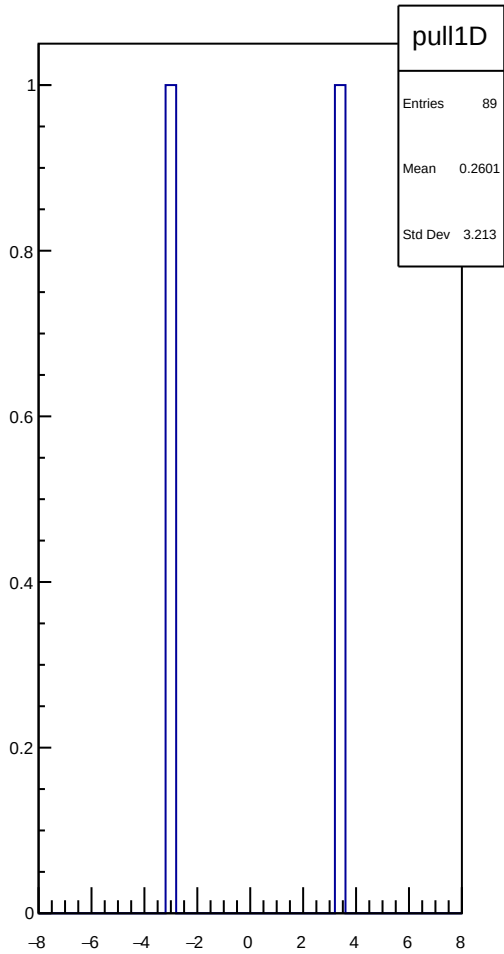
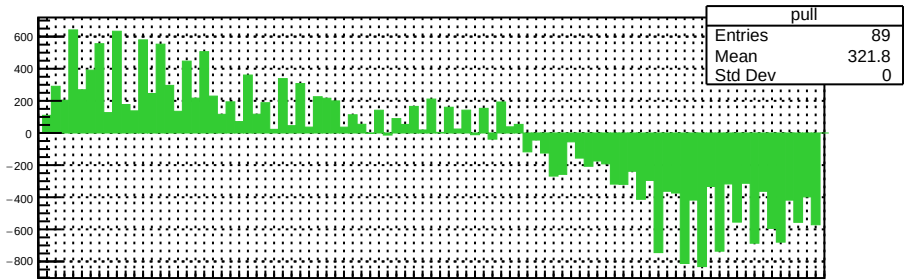
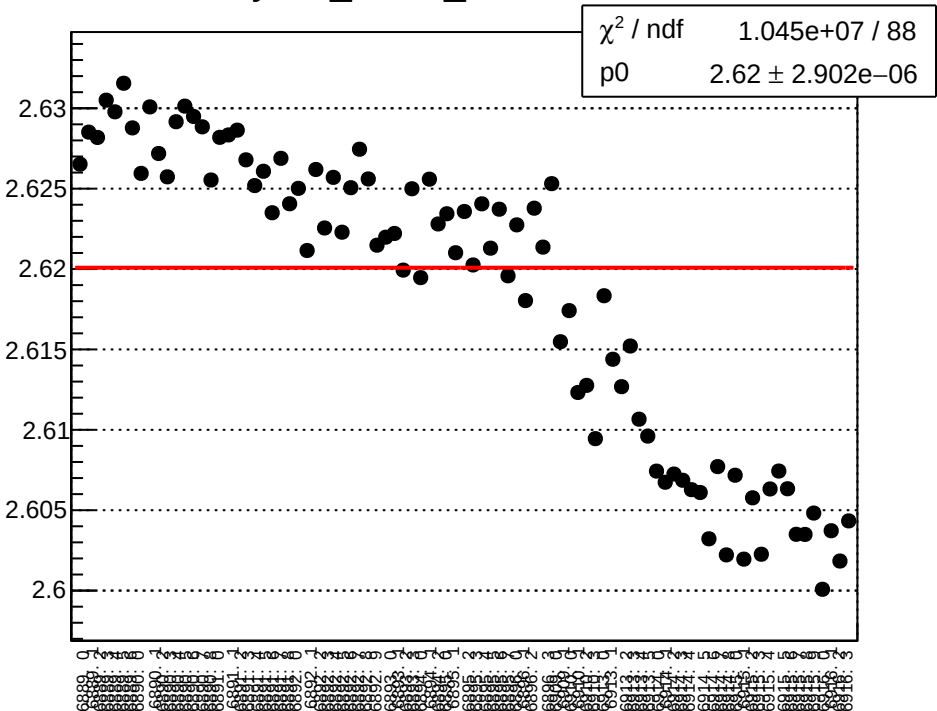
yield_sam6_mean vs run



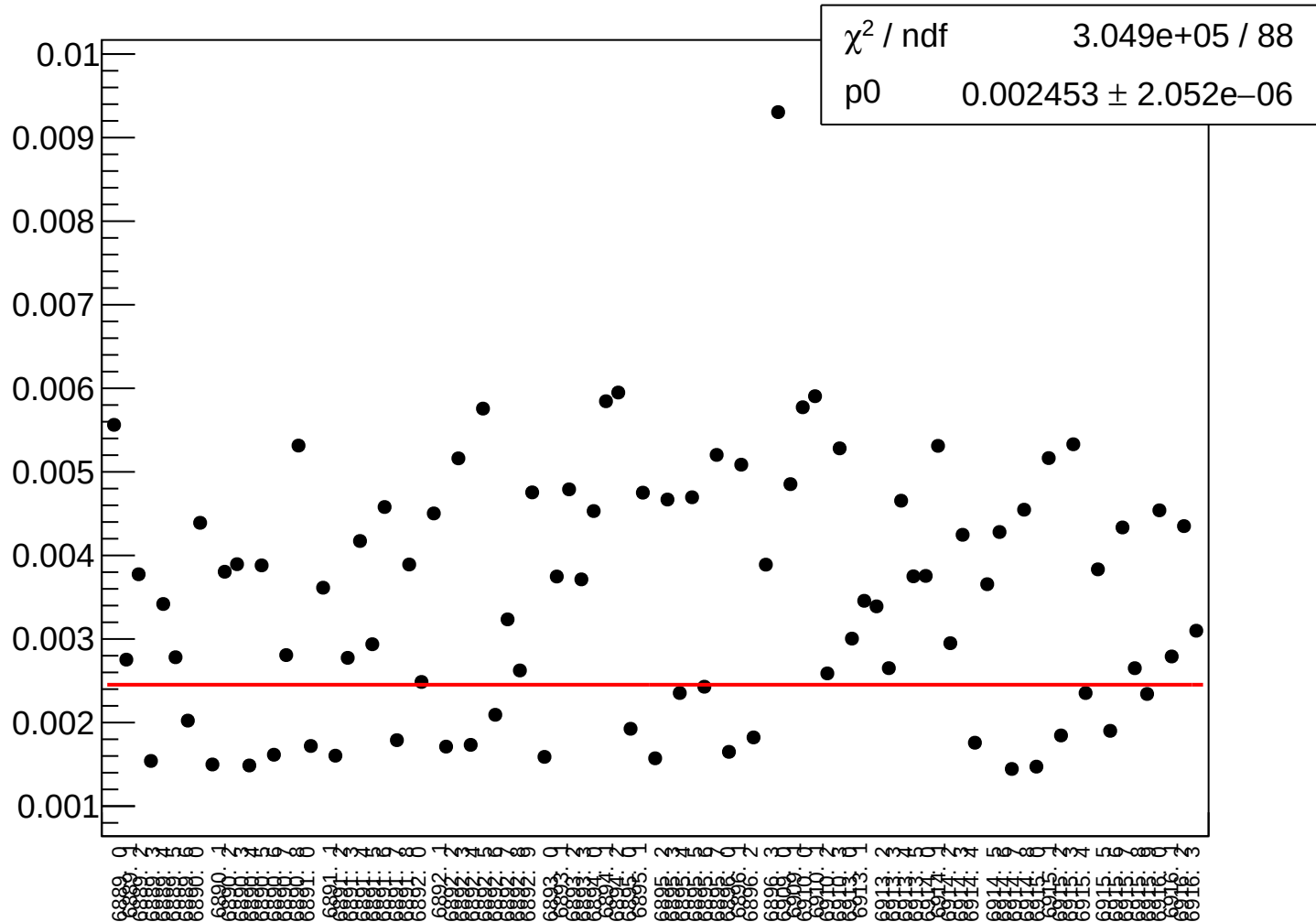
yield_sam6_rms vs run



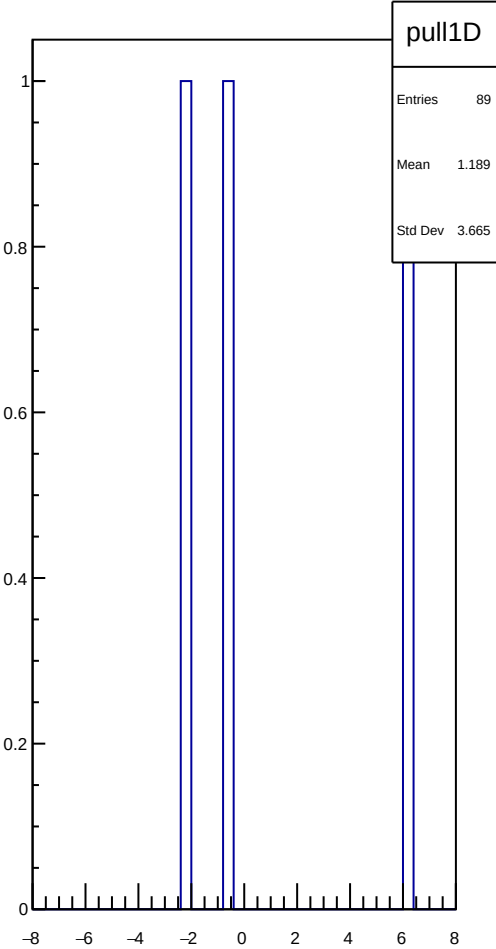
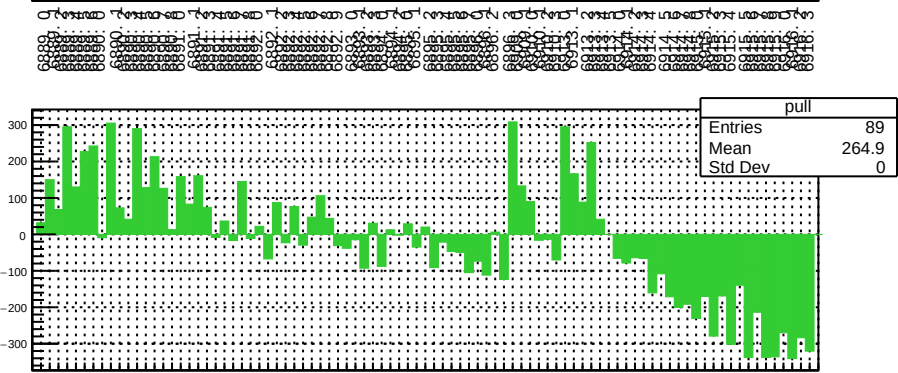
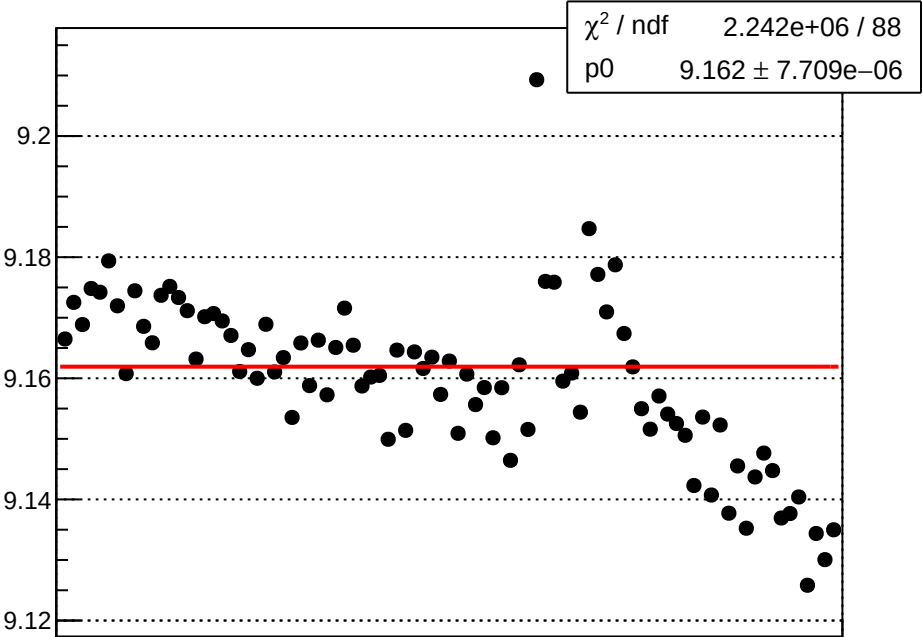
yield_sam7_mean vs run



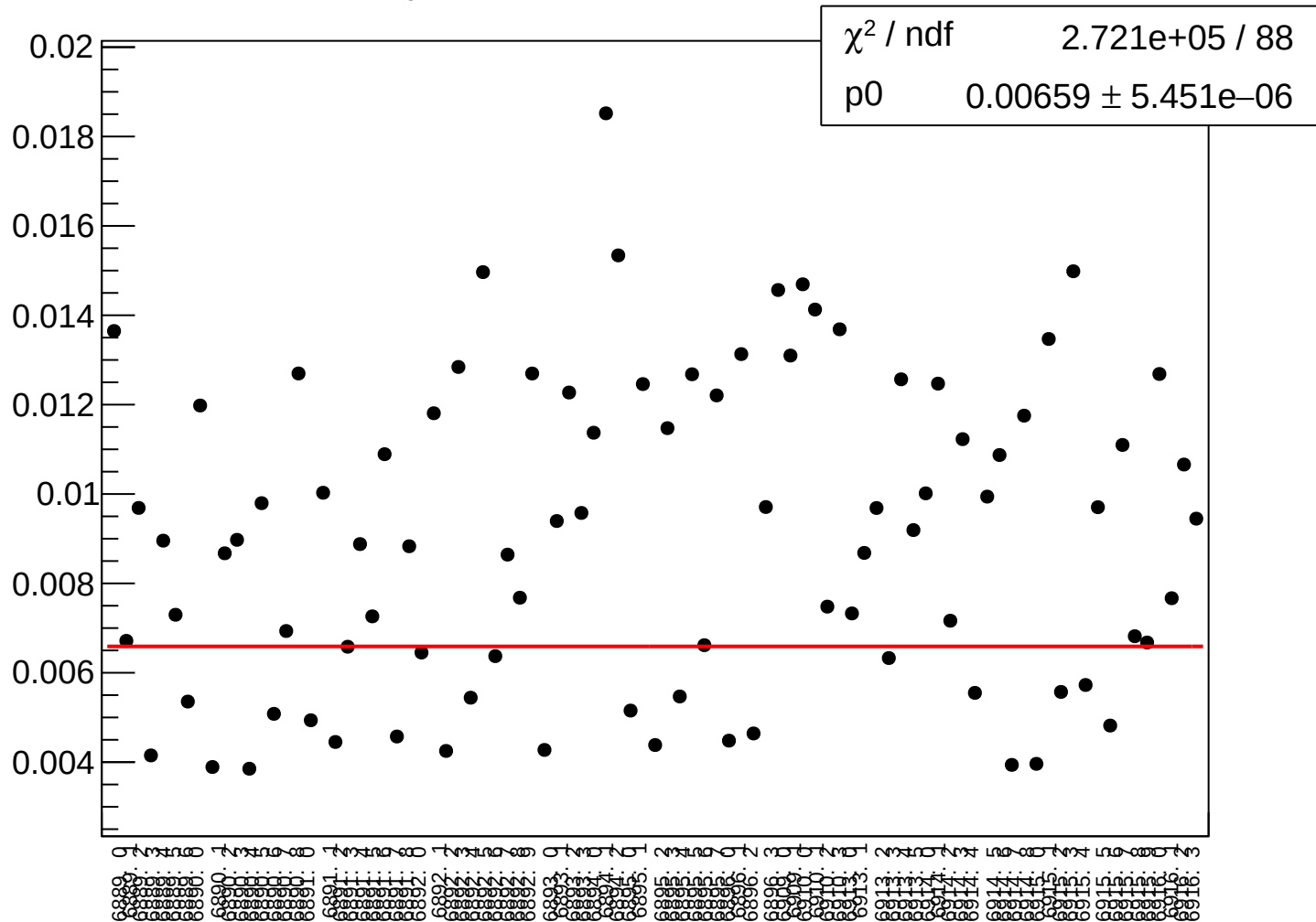
yield_sam7_rms vs run



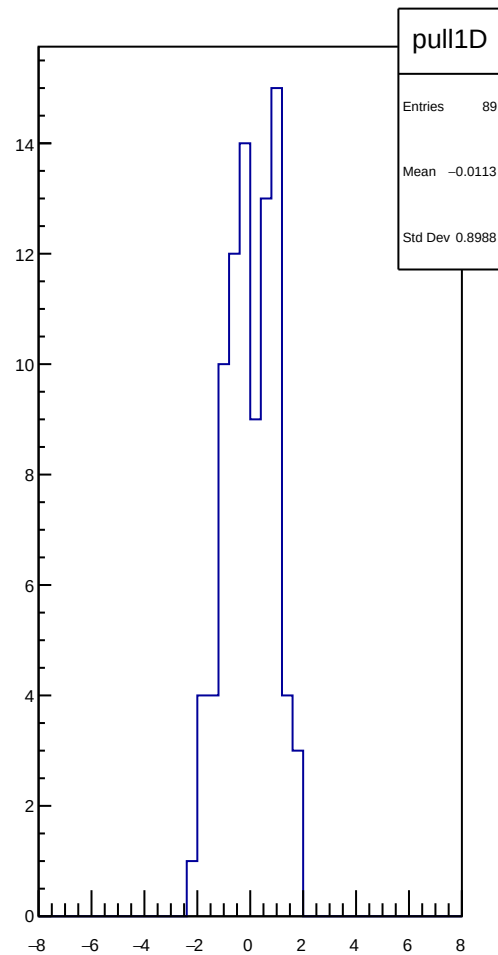
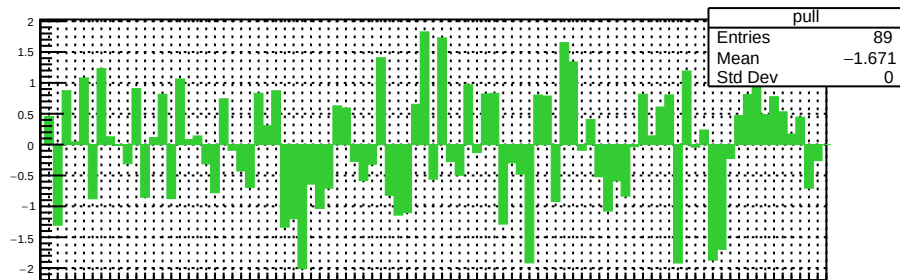
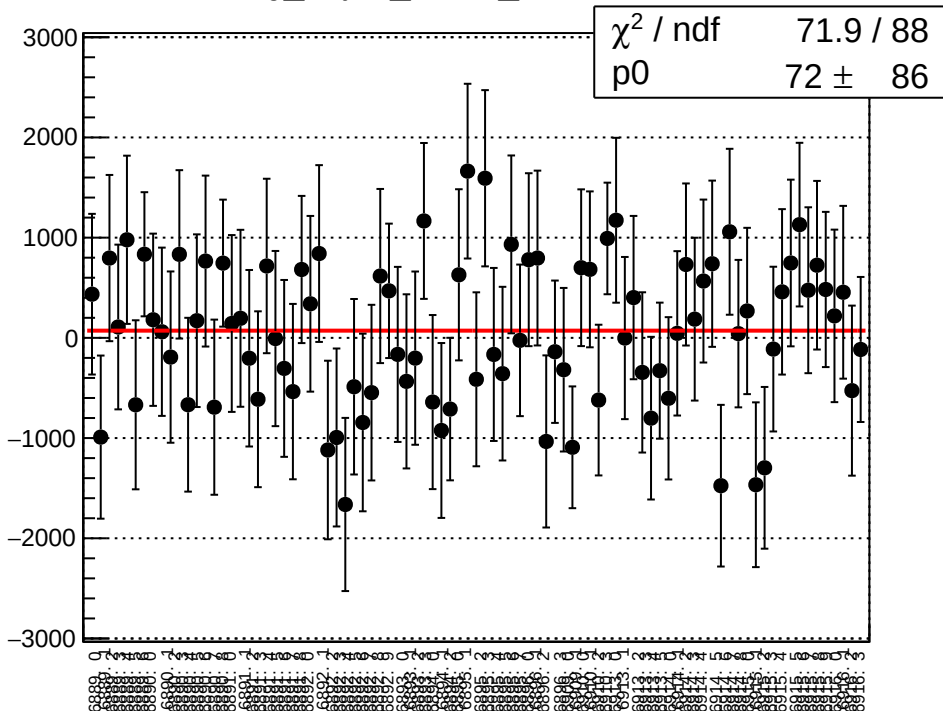
yield_sam8_mean vs run



yield_sam8_rms vs run



reg_asym_sam1_mean vs run



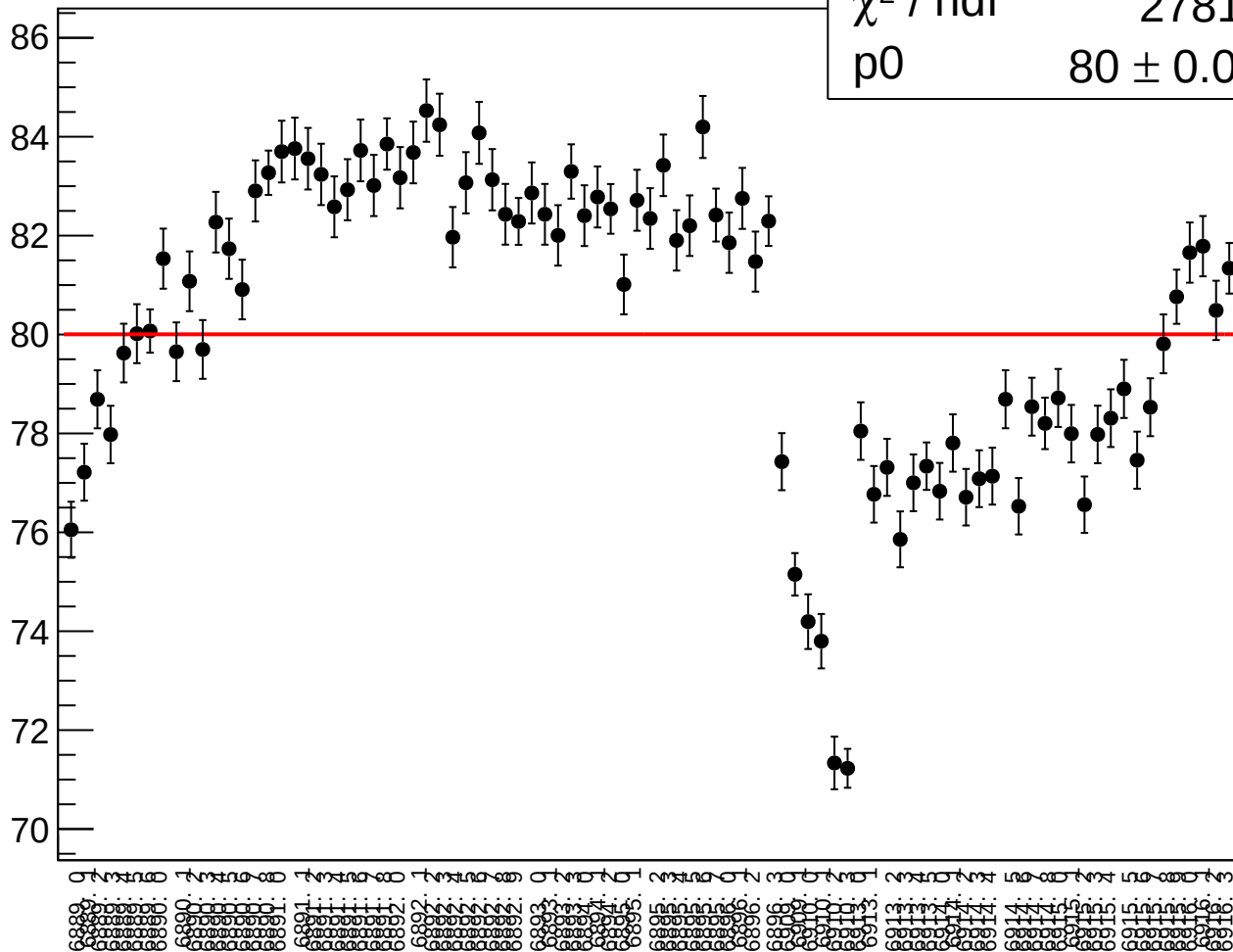
reg_asym_sam1_rms vs run

χ^2 / ndf

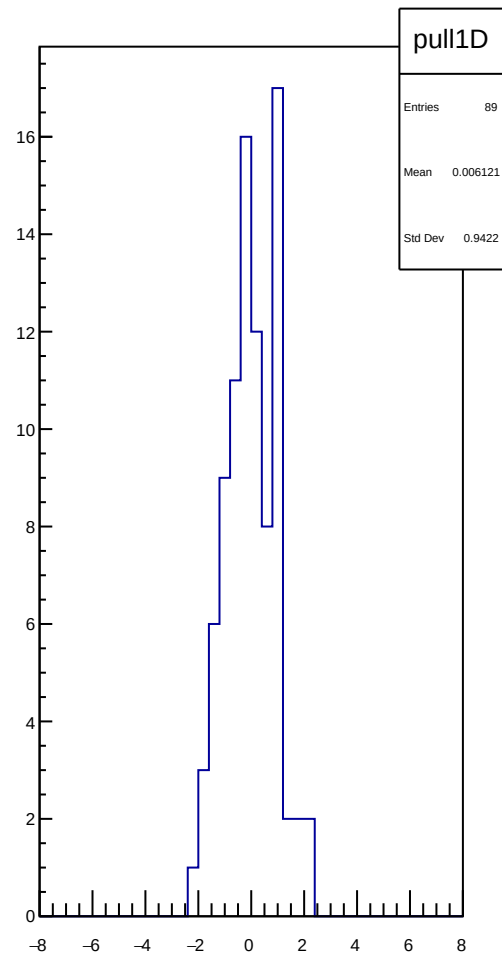
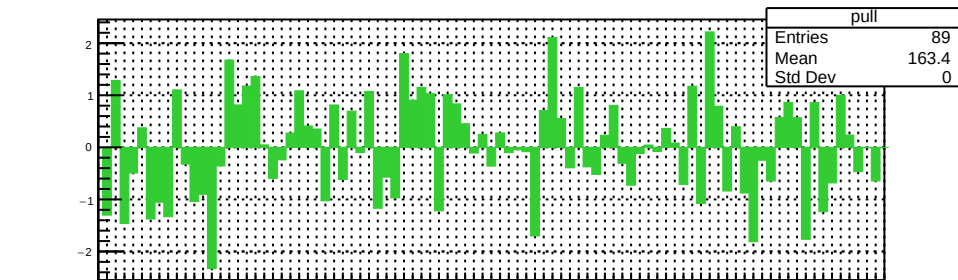
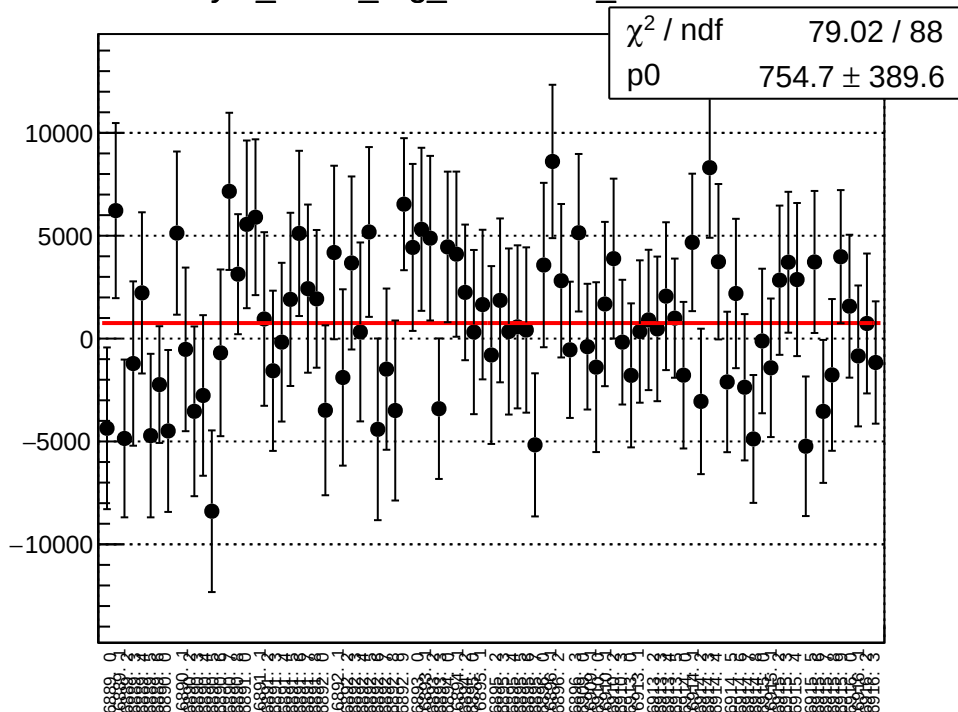
2781 / 88

p0

80 ± 0.06081

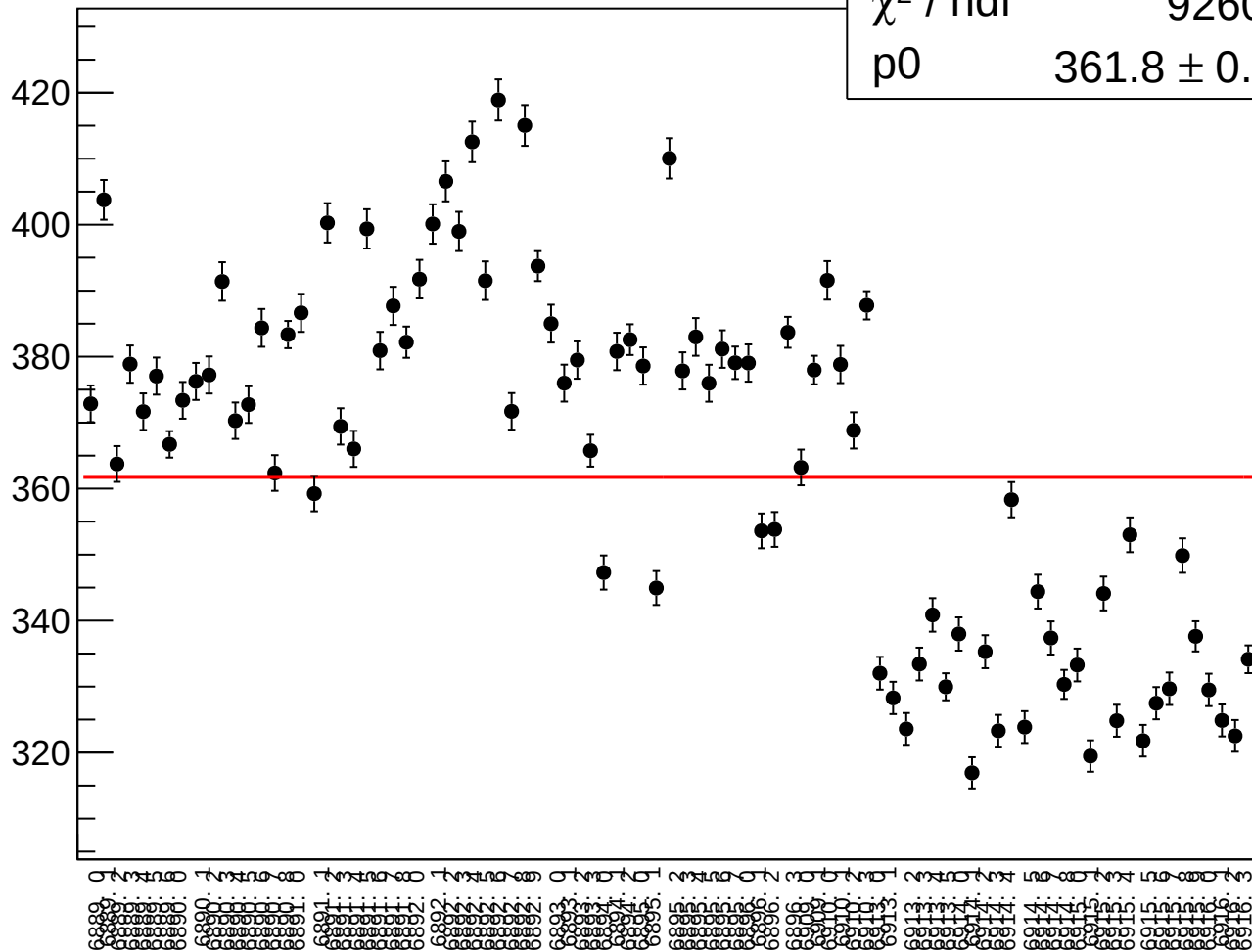


asym_sam1_reg_correction_mean vs run

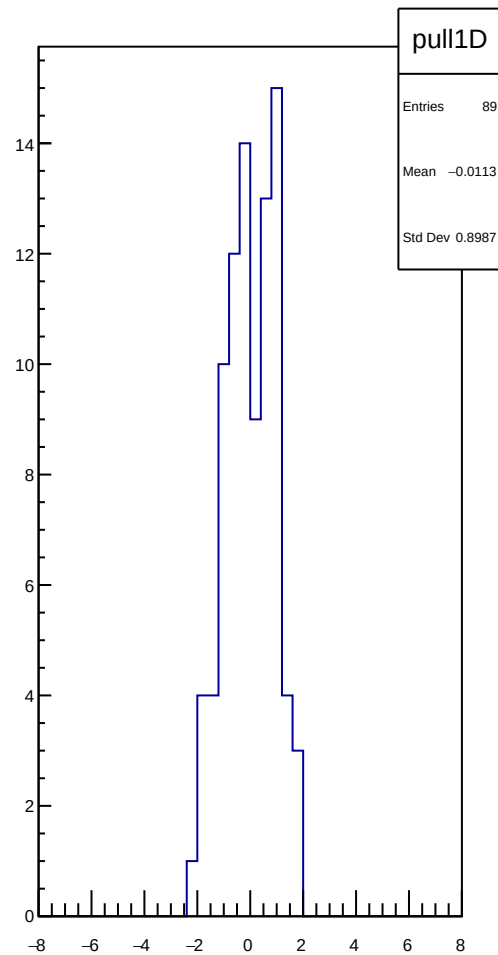
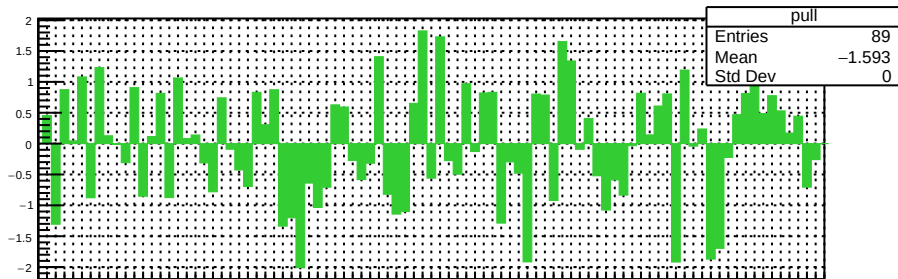
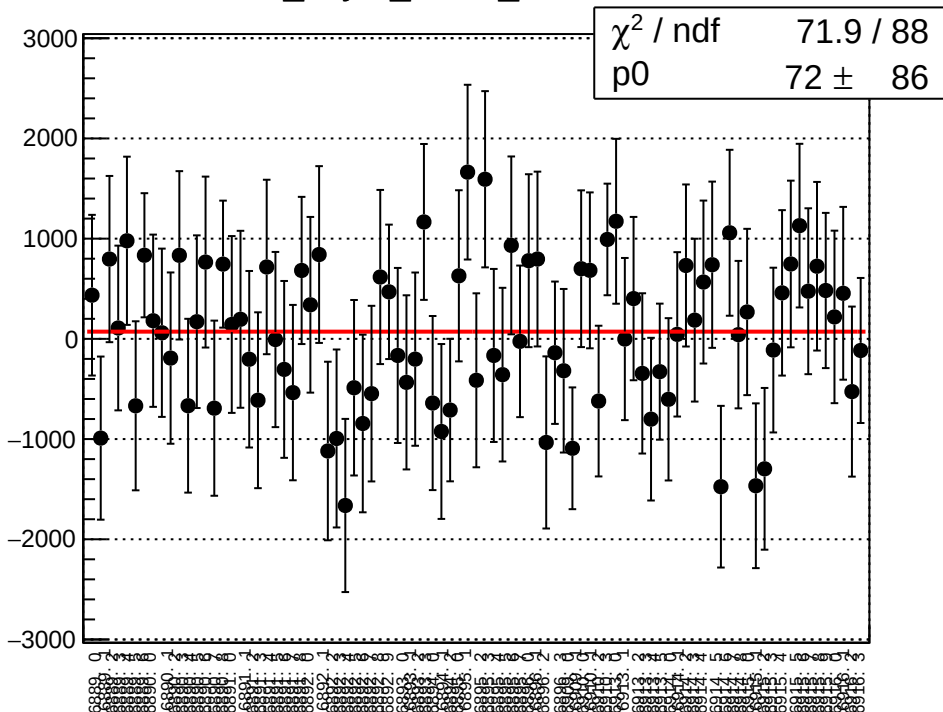


χ^2 / ndf

p0

$$361.8 \pm 0.2755$$


cor_asym_sam1_mean vs run



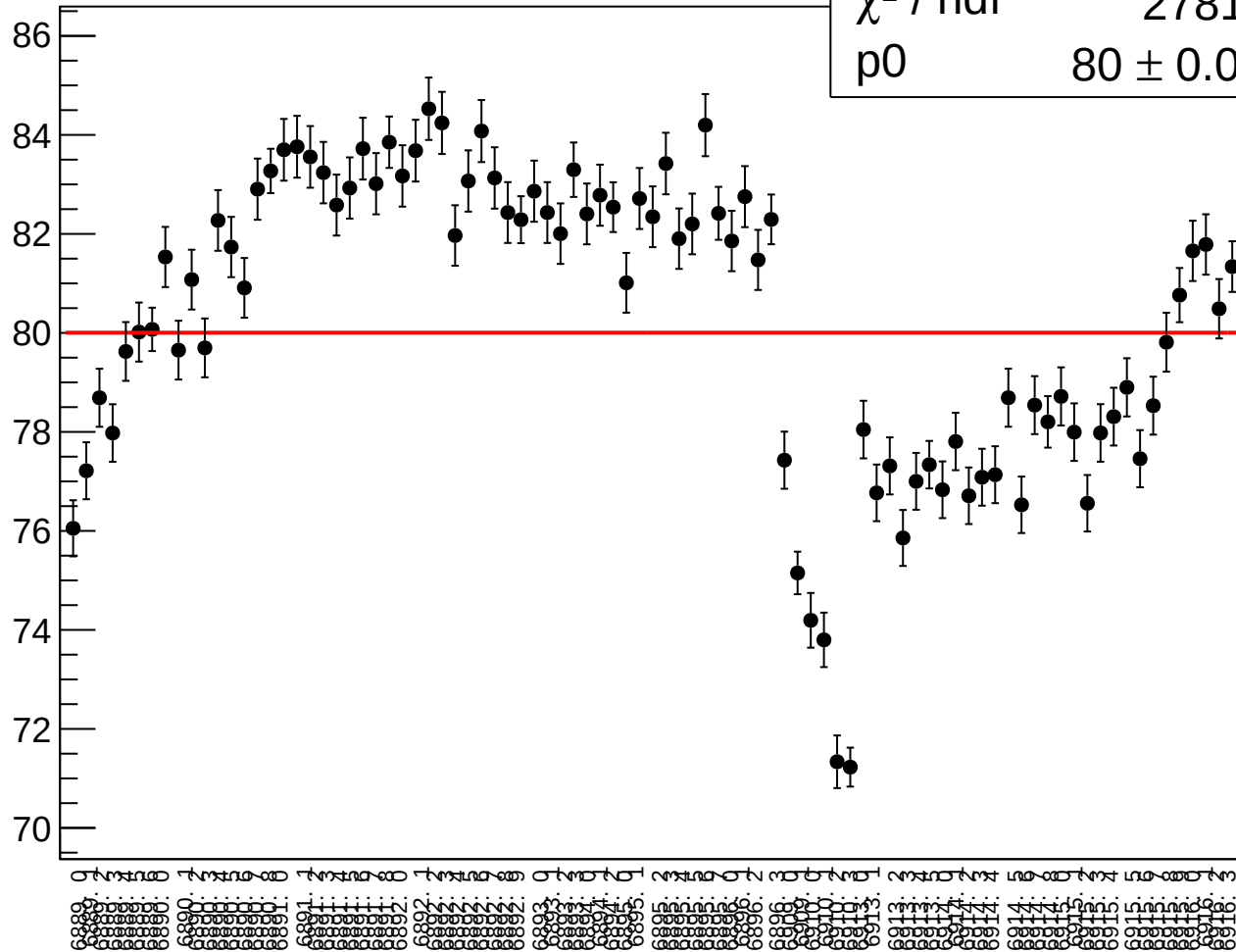
cor_asym_sam1_rms vs run

χ^2 / ndf

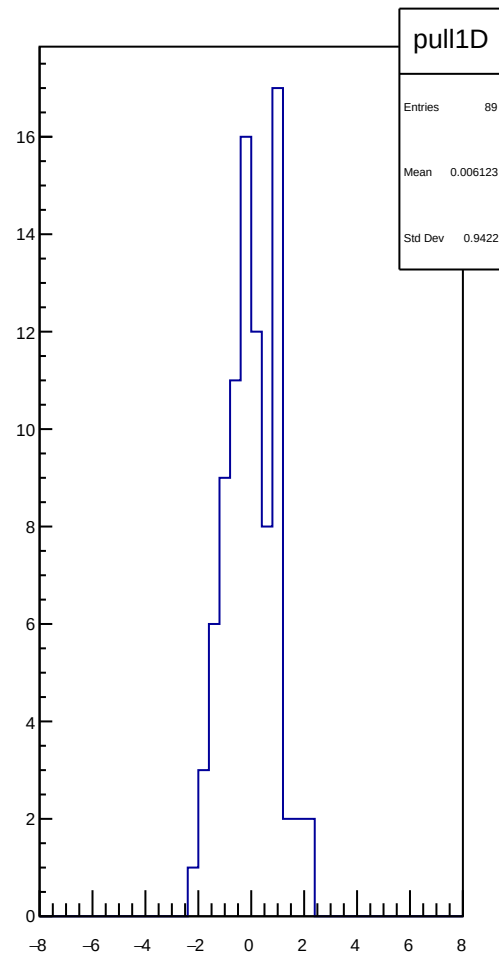
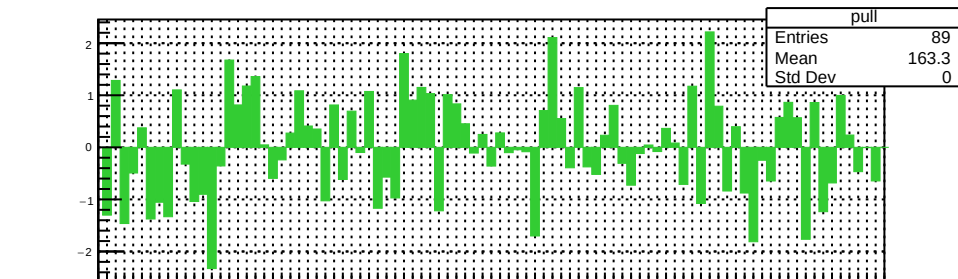
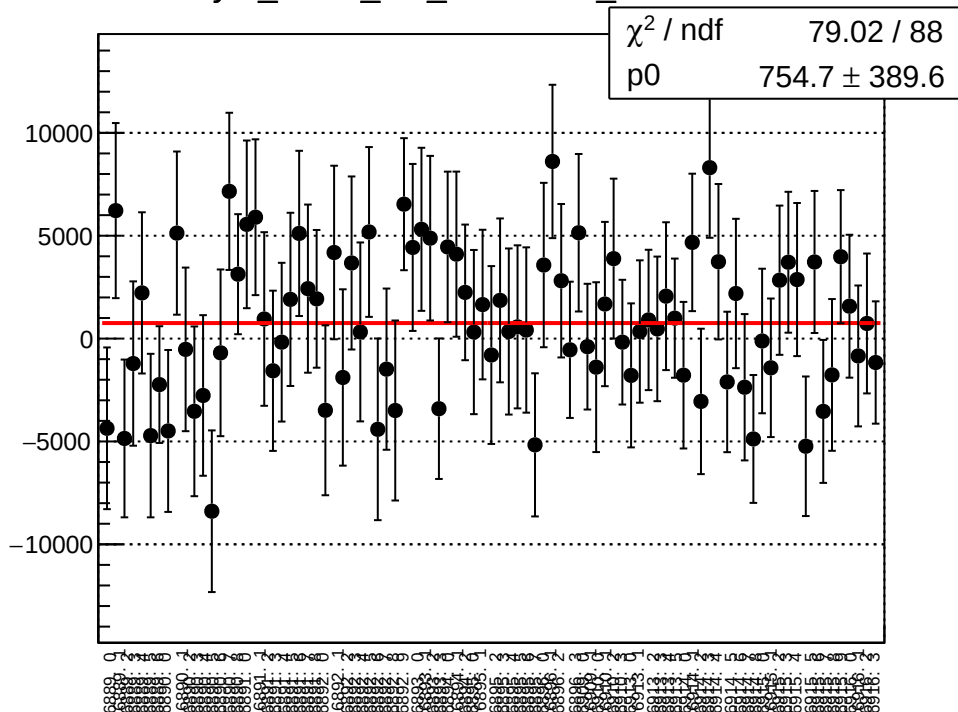
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p0

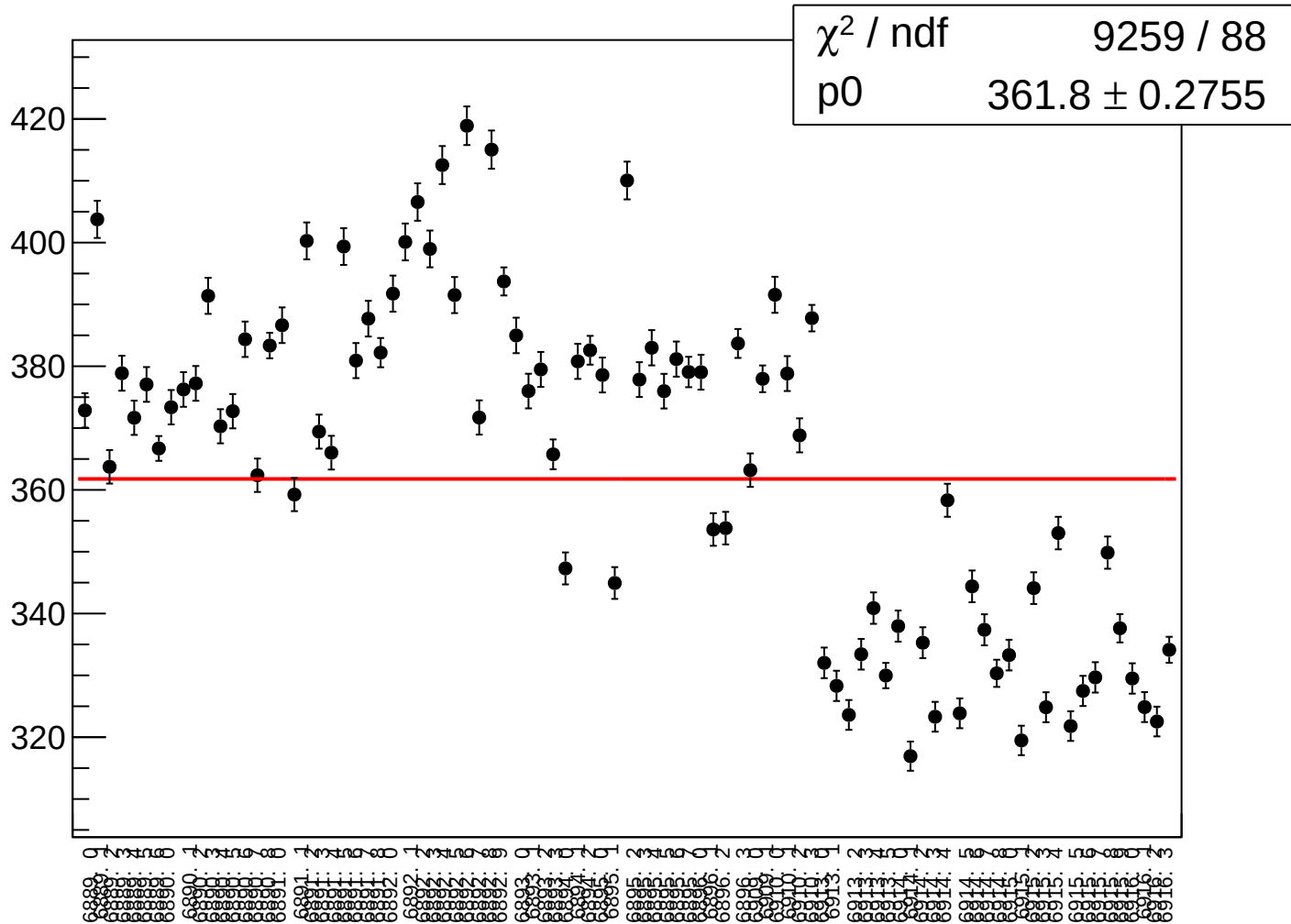
80 ± 0.06081



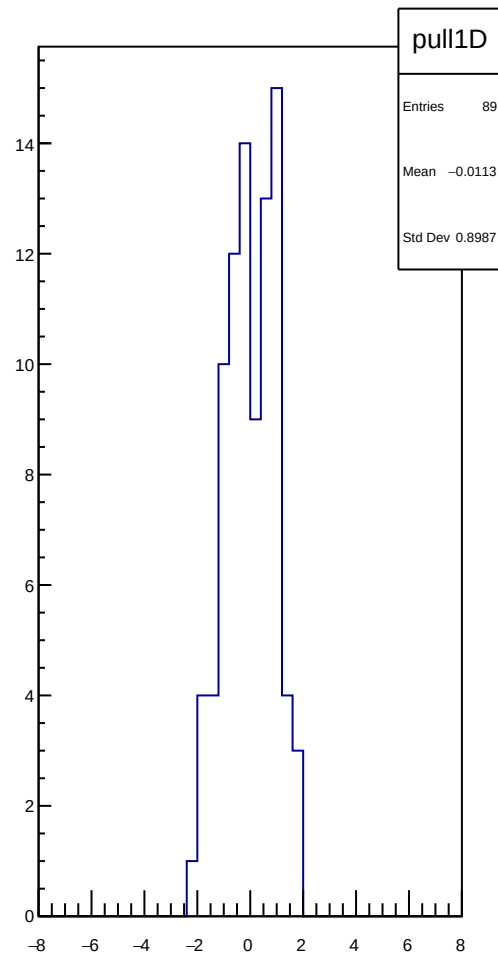
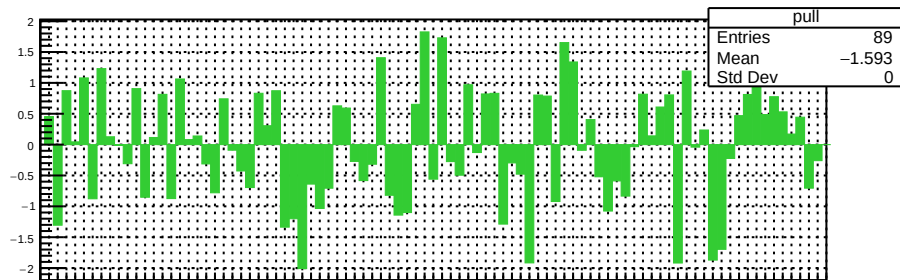
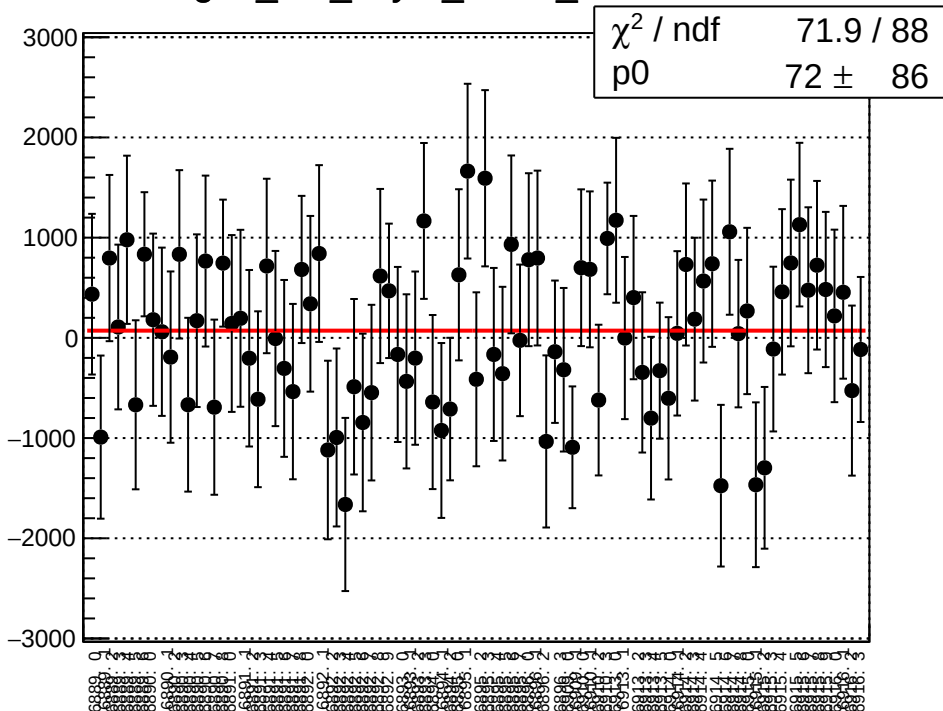
asym_sam1_cor_correction_mean vs run



asym_sam1_cor_correction_rms vs run



eigen_cor_asym_sam1_mean vs run



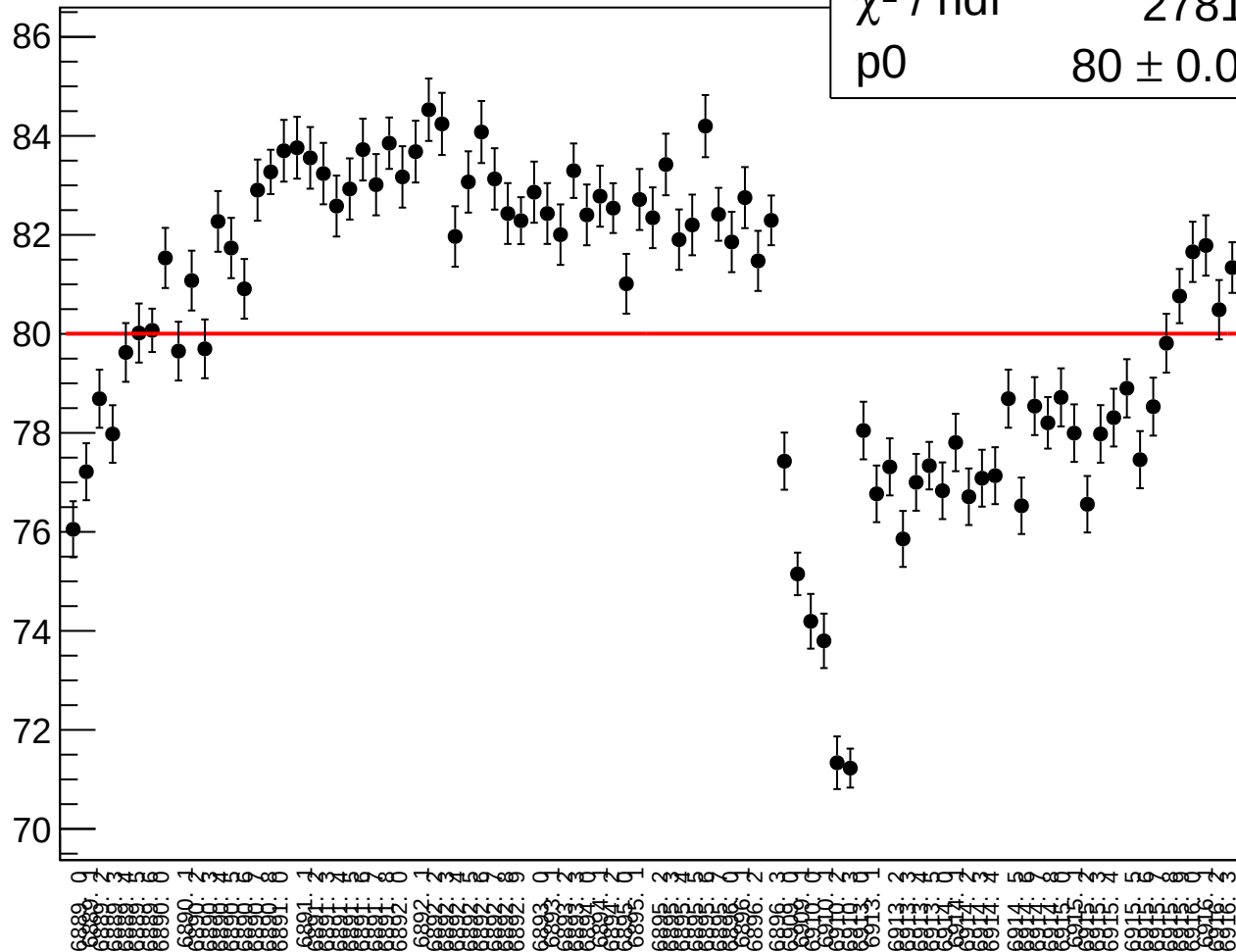
eigen_cor_asym_sam1_rms vs run

χ^2 / ndf

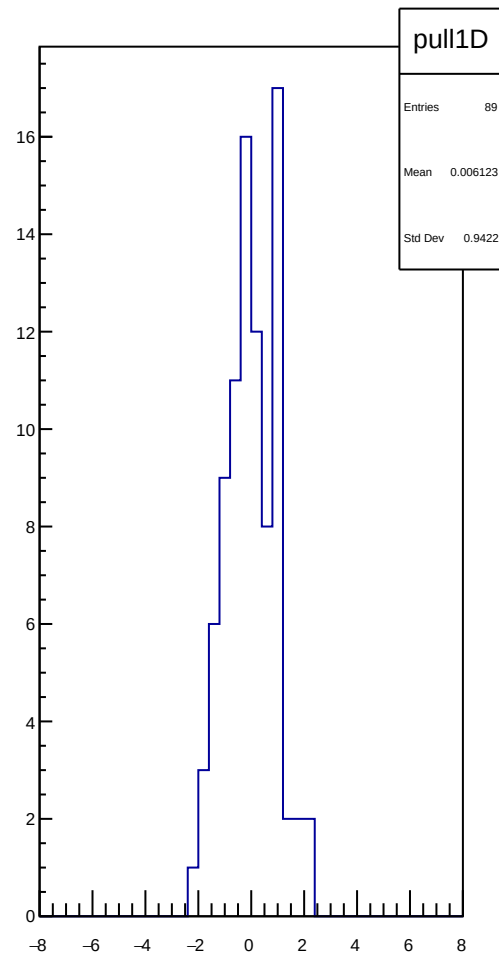
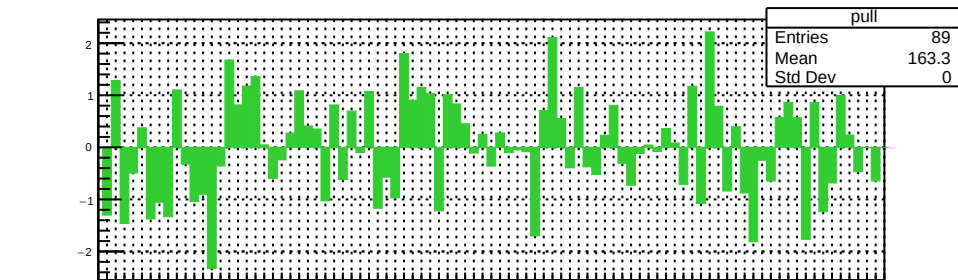
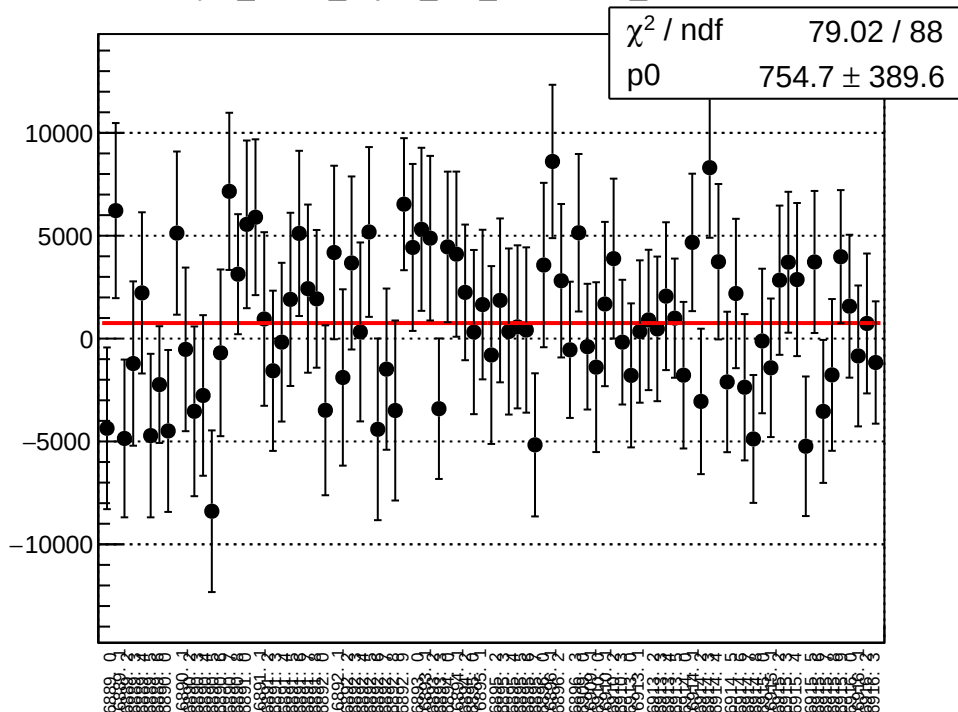
2781 / 88

p0

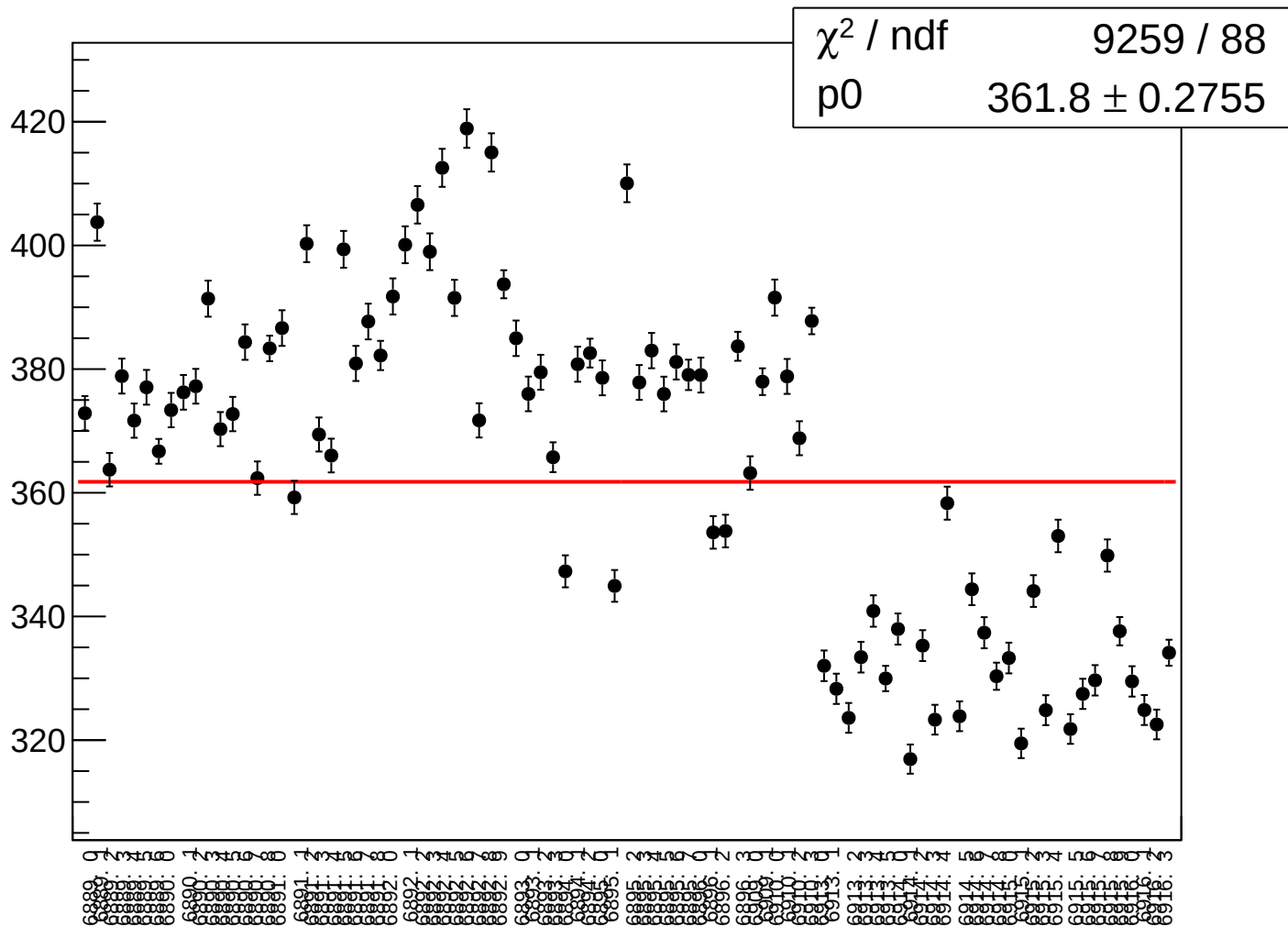
80 ± 0.06081



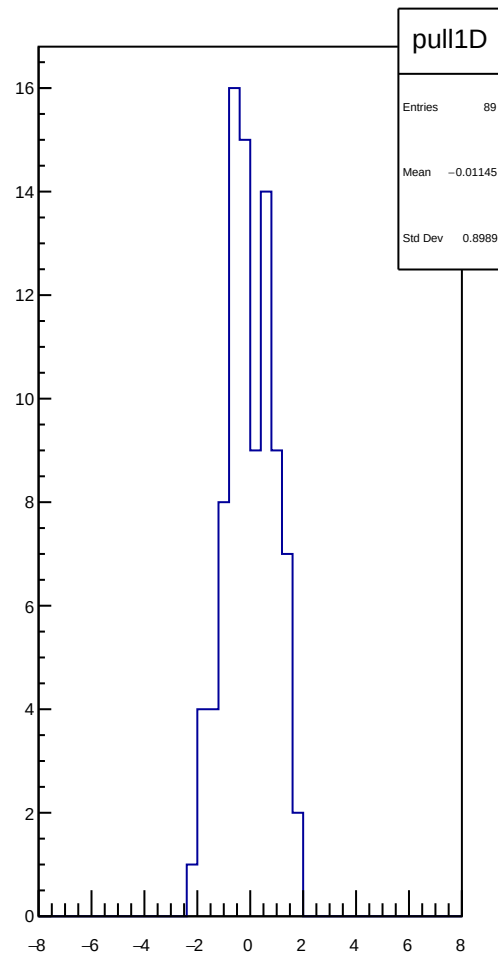
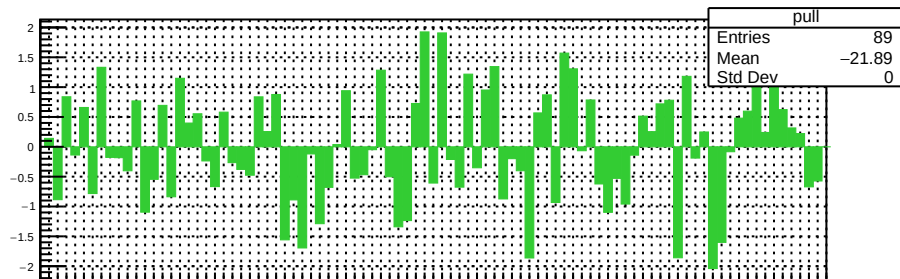
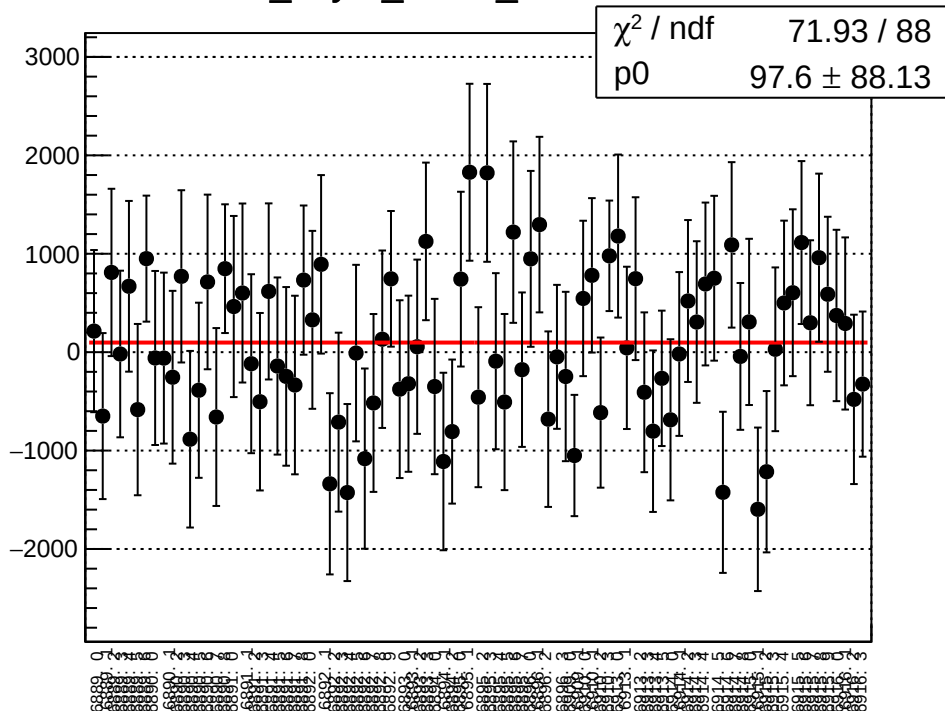
asym_sam1_eigen_cor_correction_mean vs run



asym_sam1_eigen_cor_correction_rms vs run

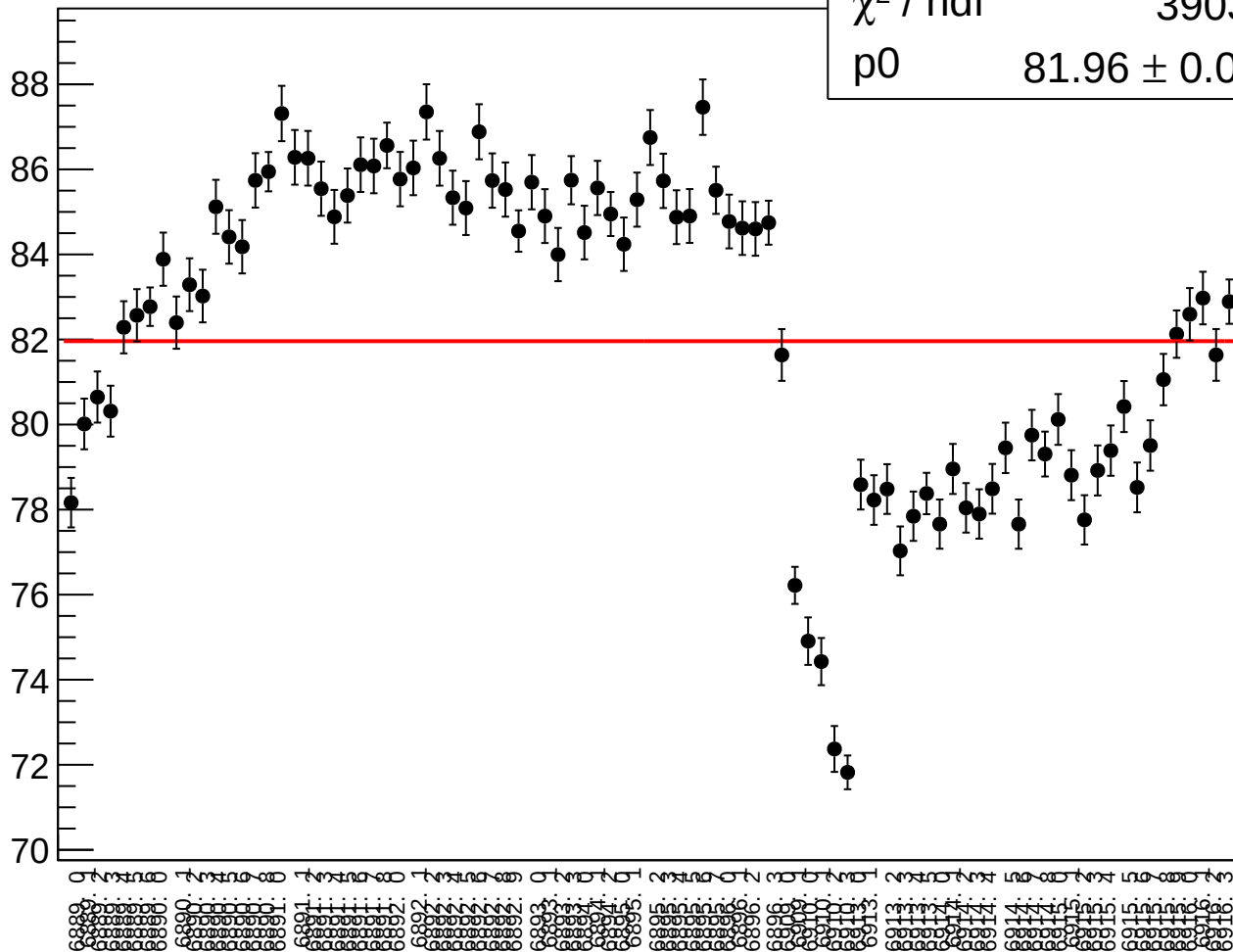


dit_asym_sam1_mean vs run

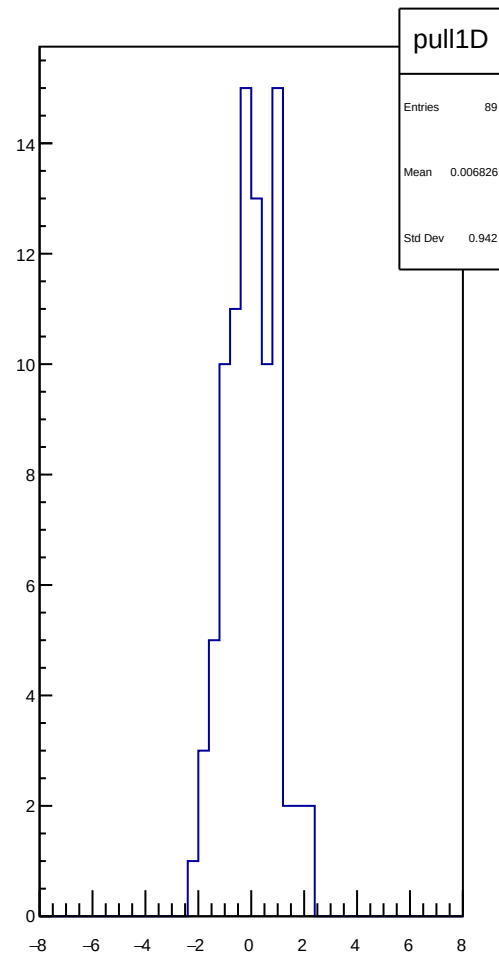
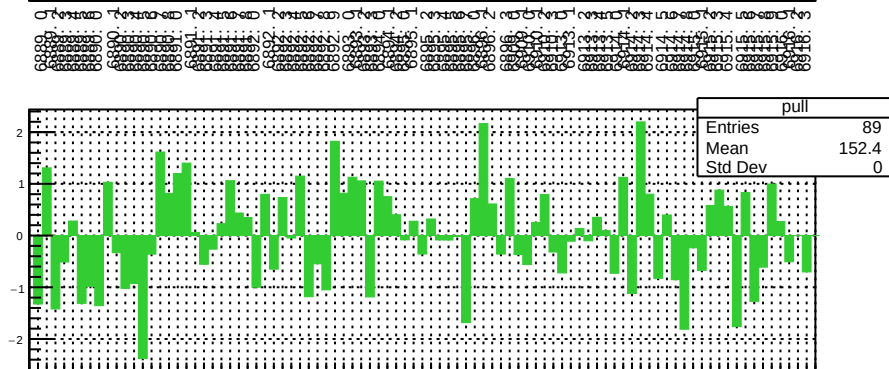
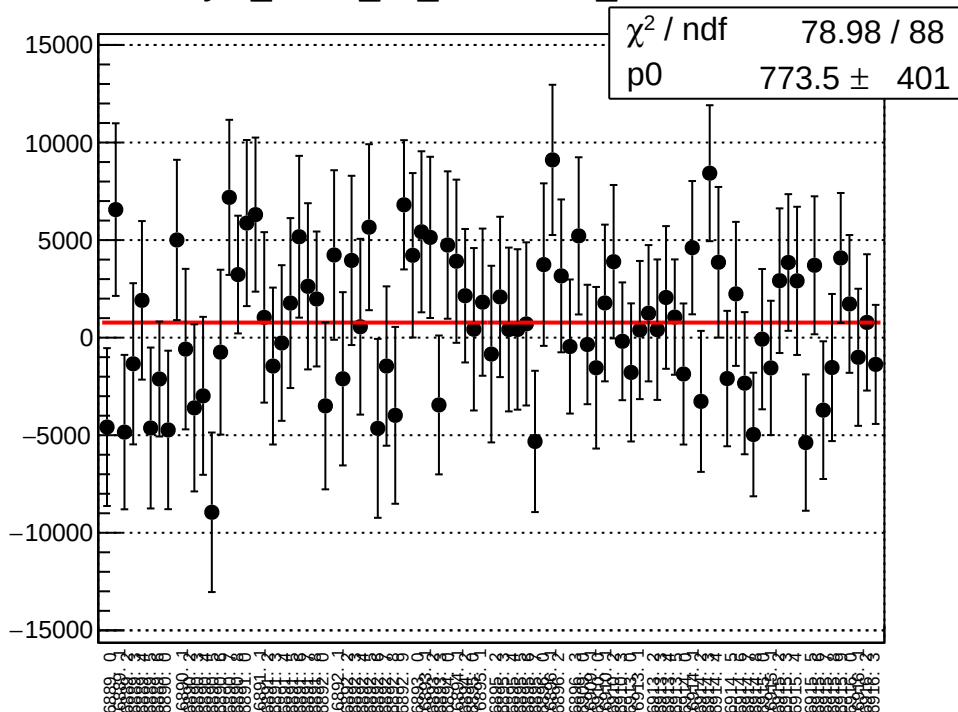


χ^2 / ndf

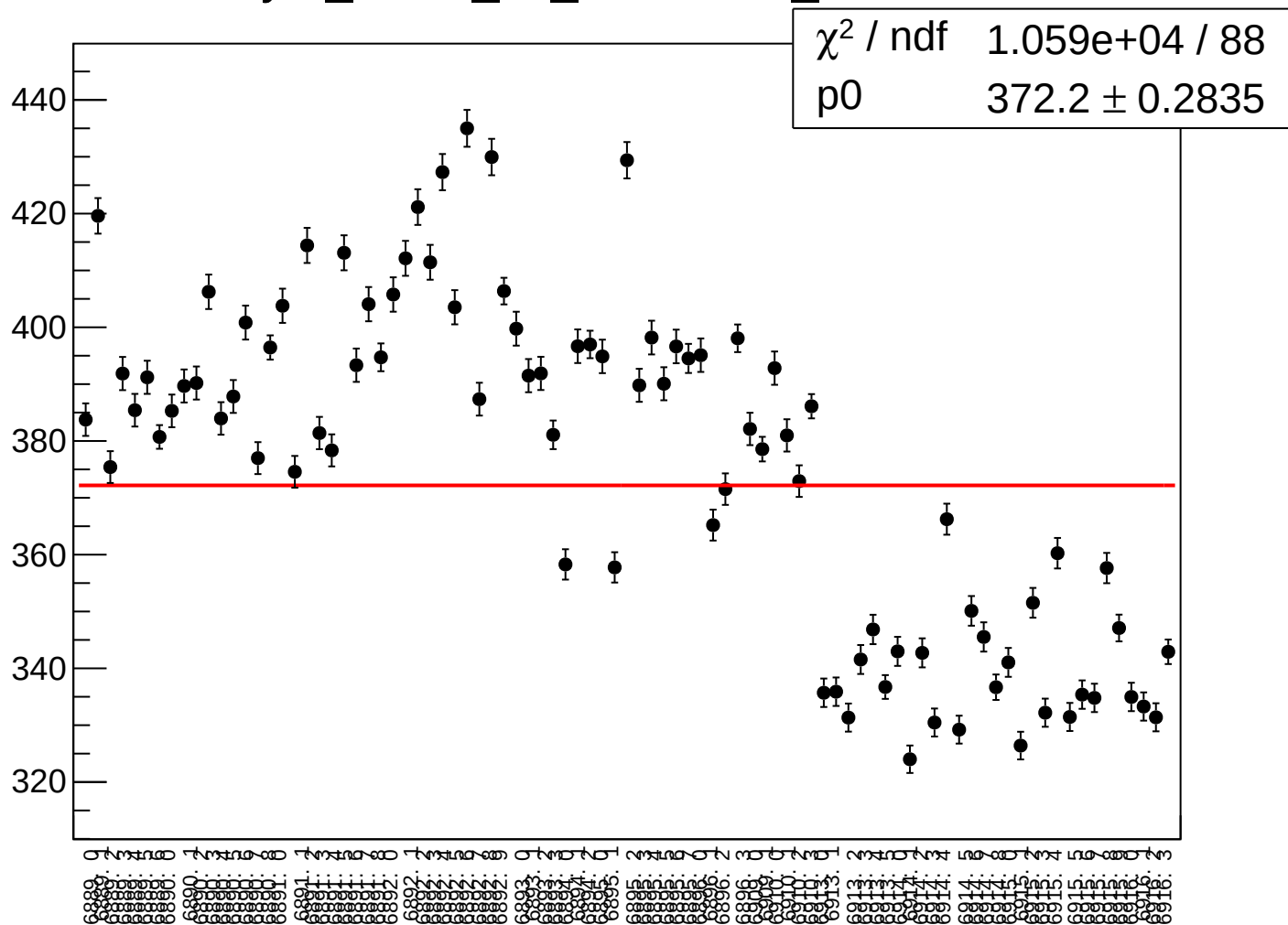
p0

$$81.96 \pm 0.06232$$


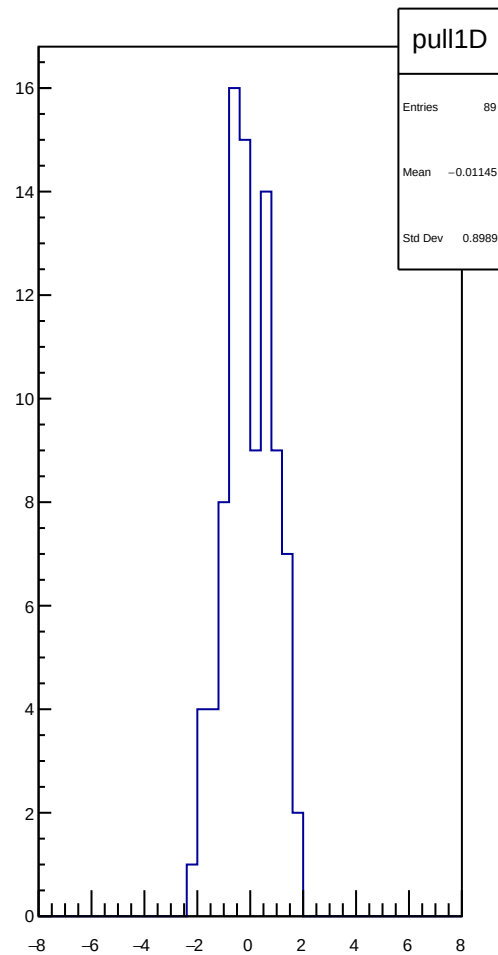
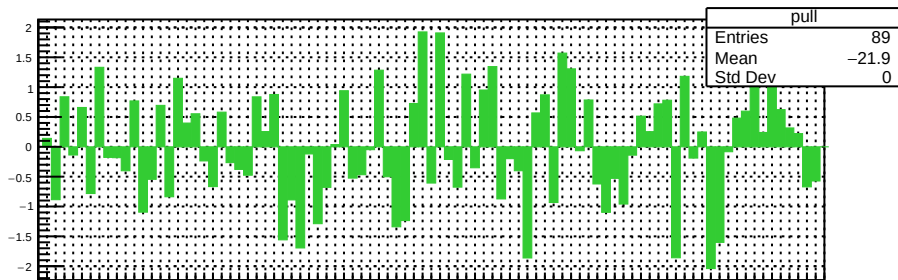
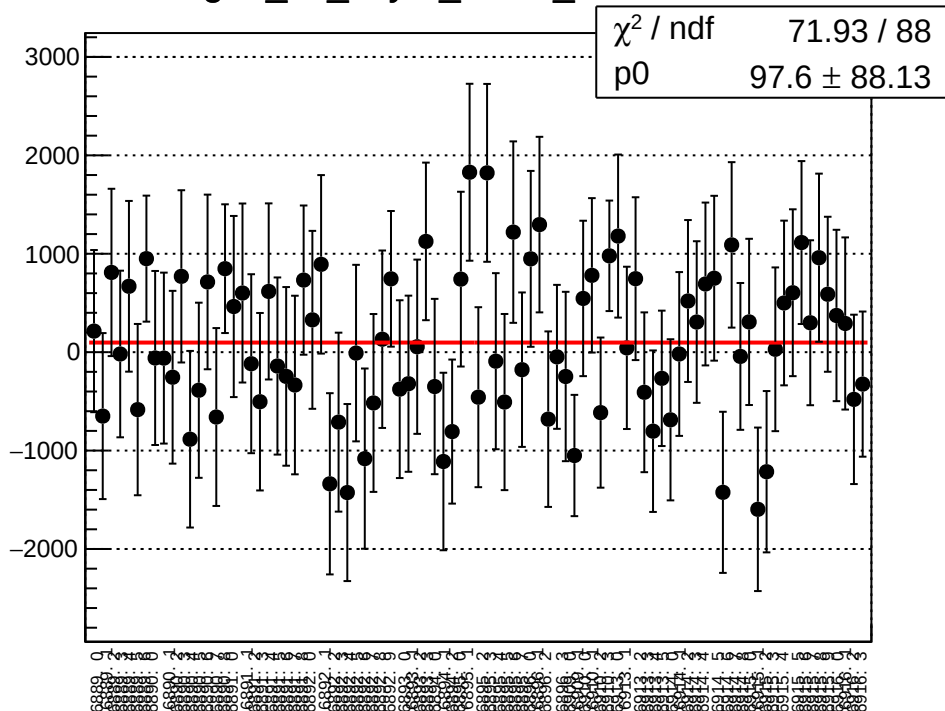
asym_sam1_dit_correction_mean vs run



asym_sam1_dit_correction_rms vs run



eigen_dit_asym_sam1_mean vs run



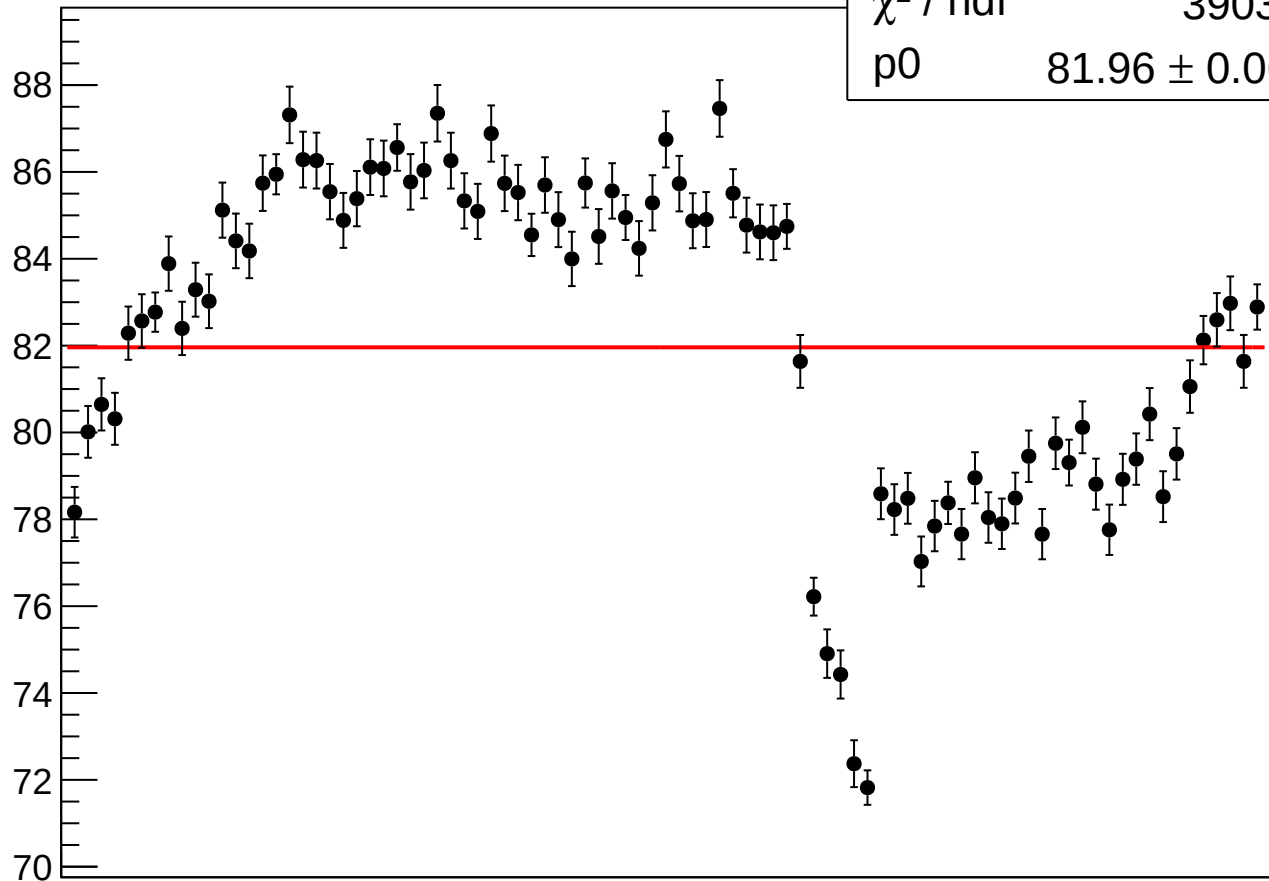
eigen_dit_asym_sam1_rms vs run

χ^2 / ndf

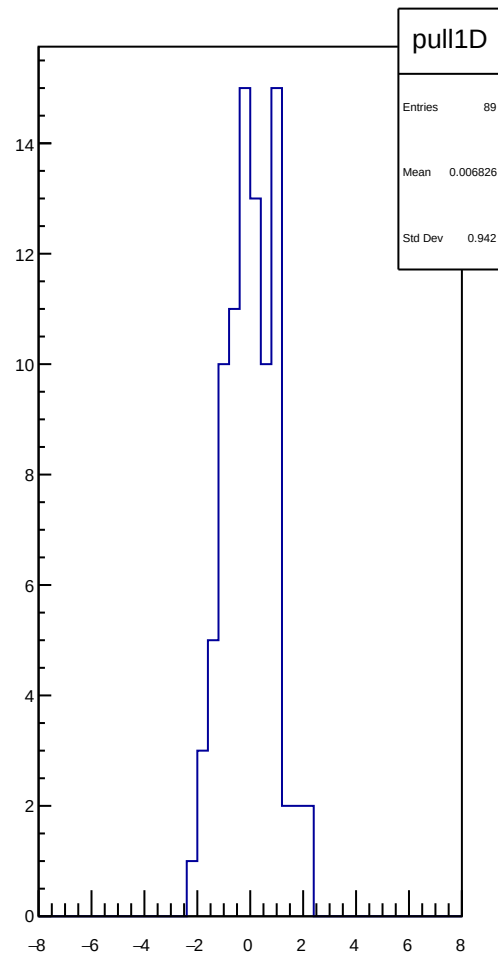
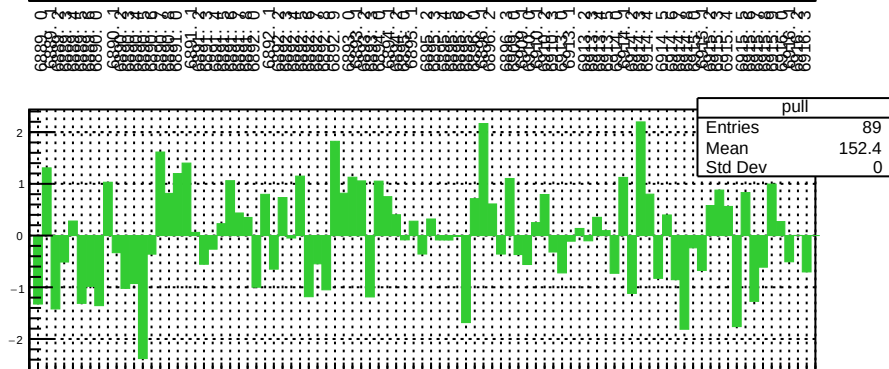
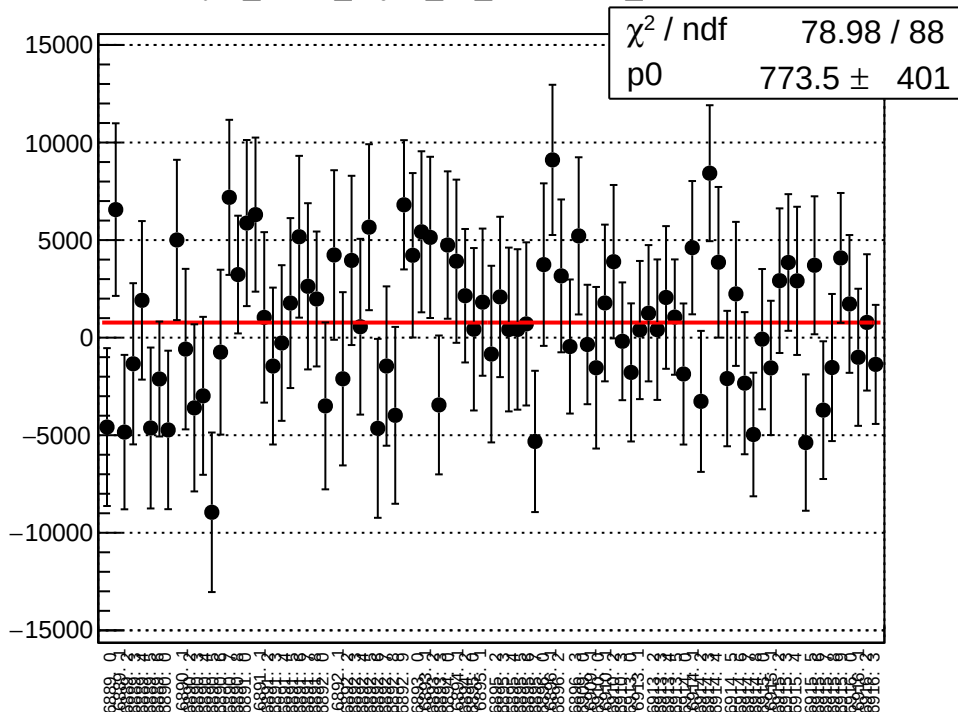
3903 / 88

p0

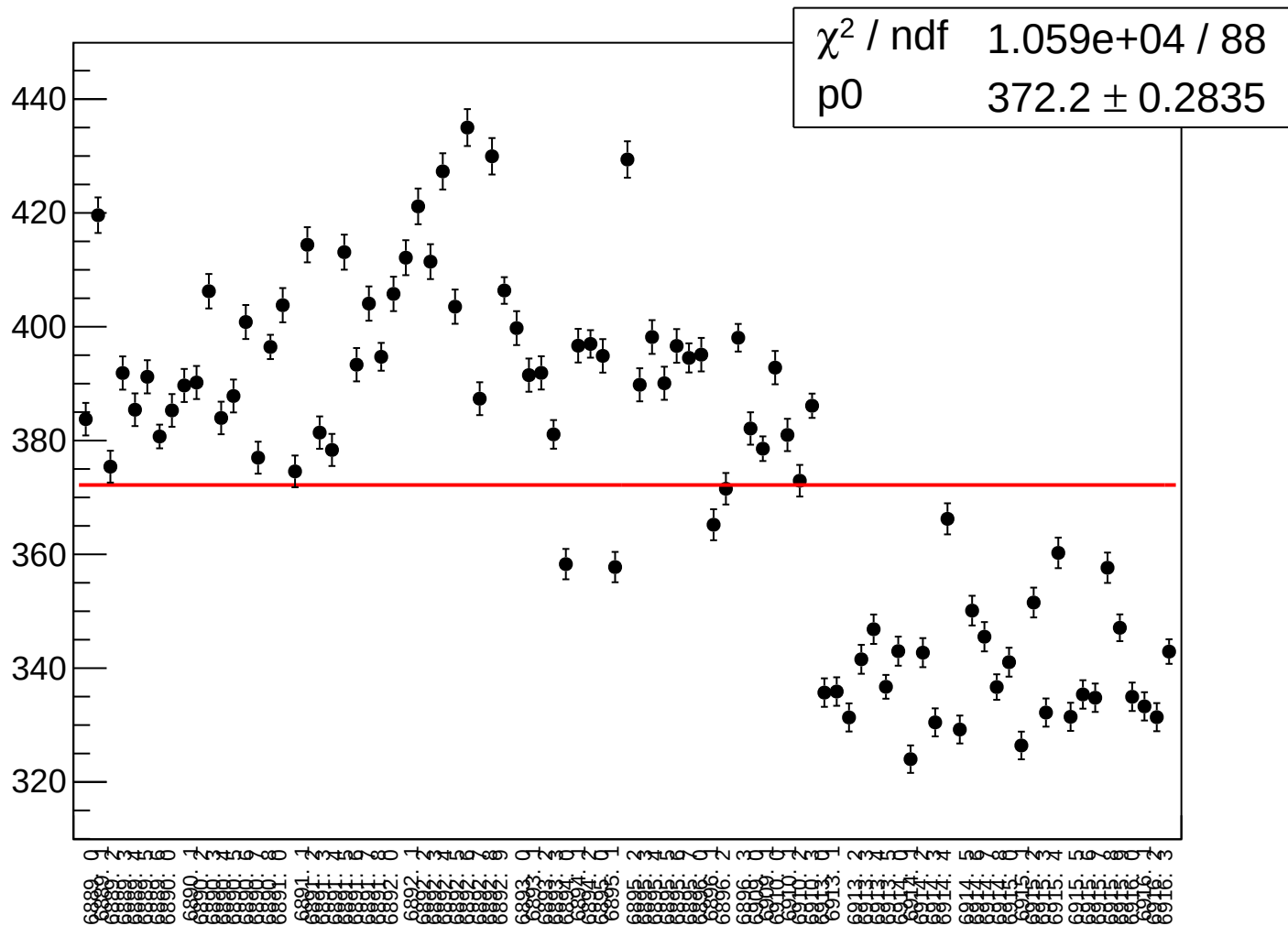
81.96 ± 0.06232



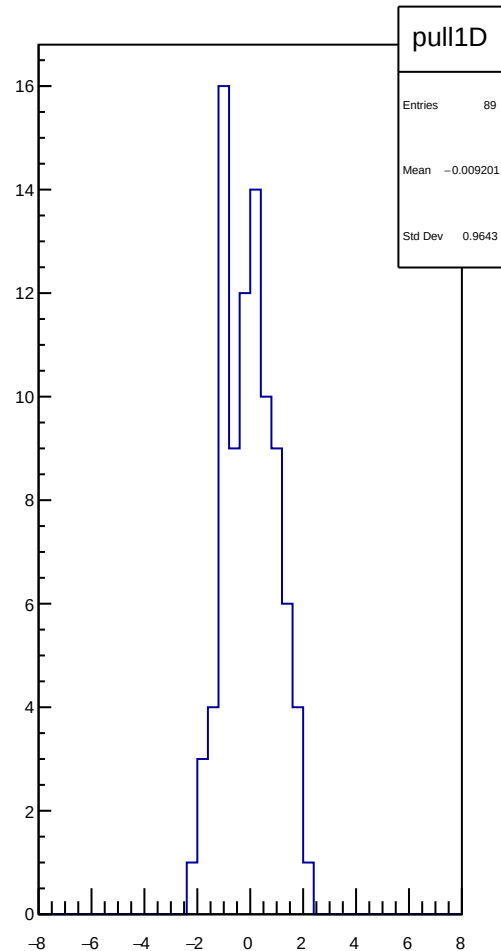
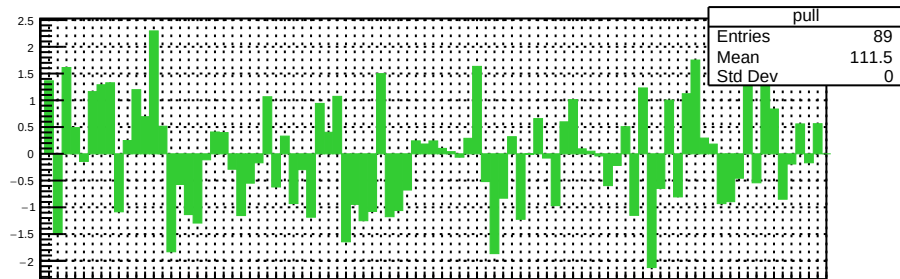
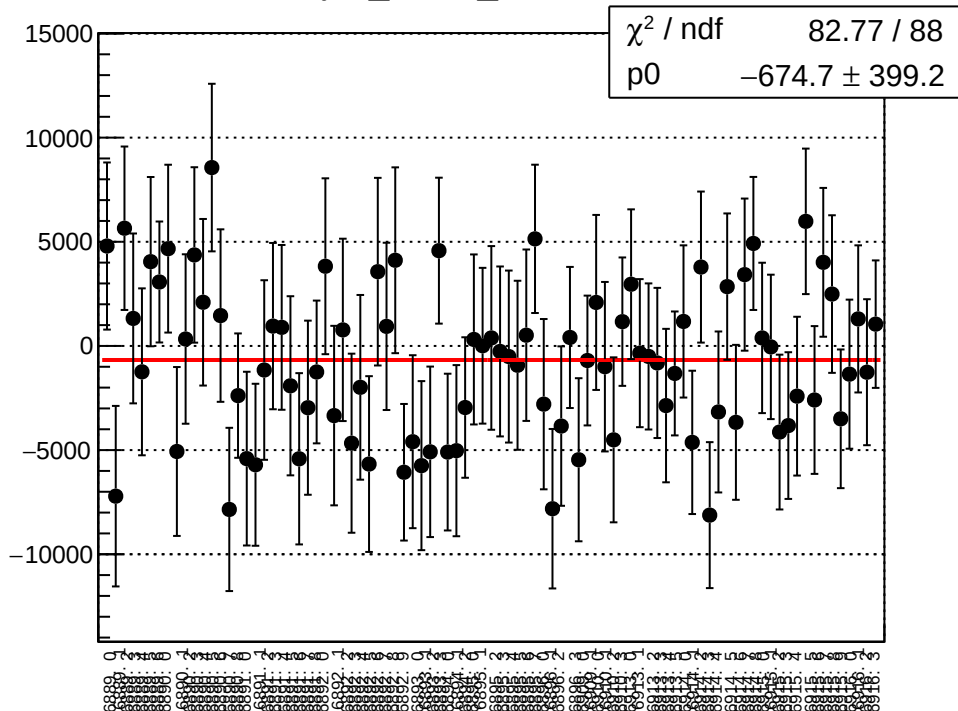
asym_sam1_eigen_dit_correction_mean vs run



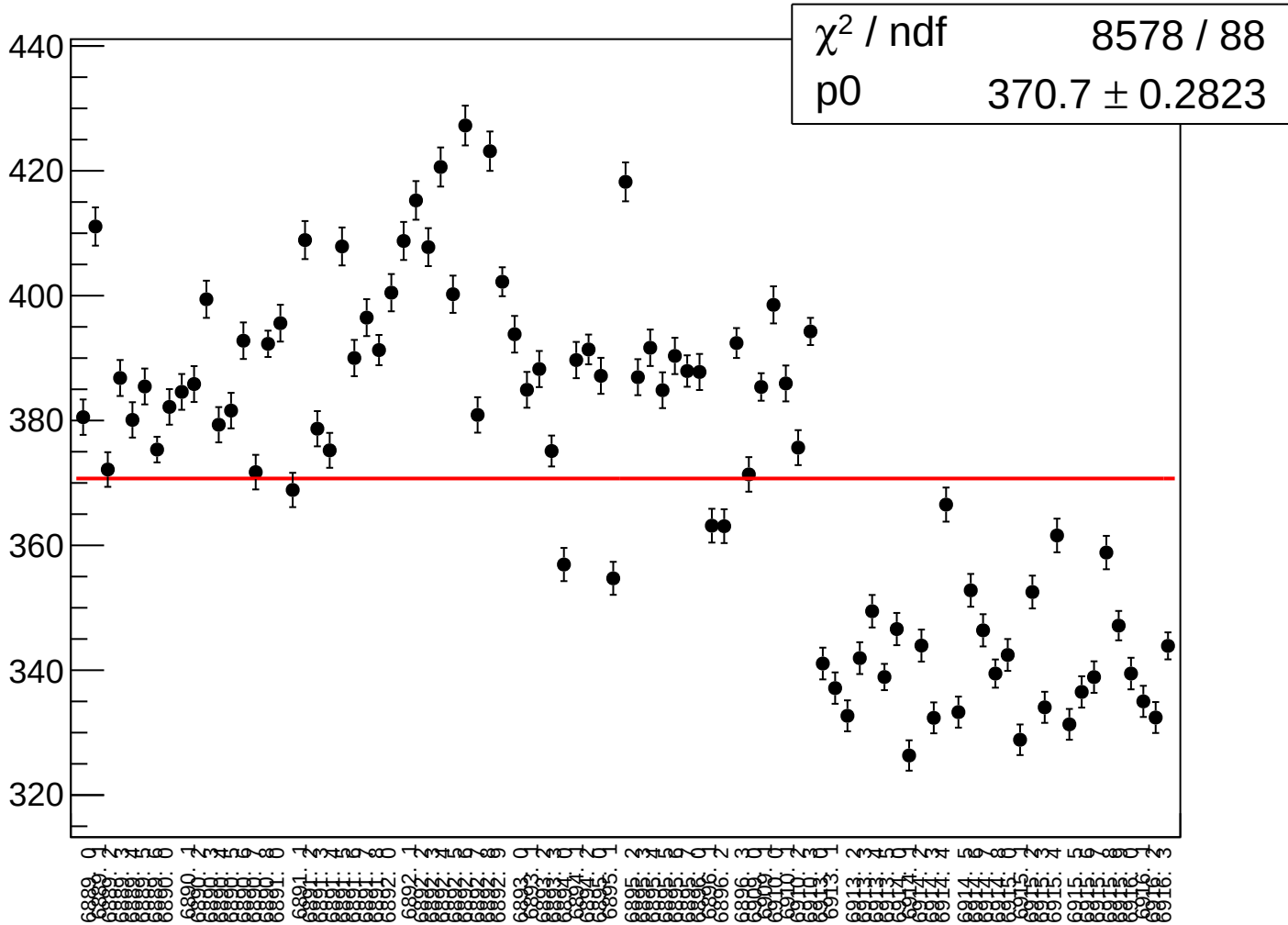
asym_sam1_eigen_dit_correction_rms vs run



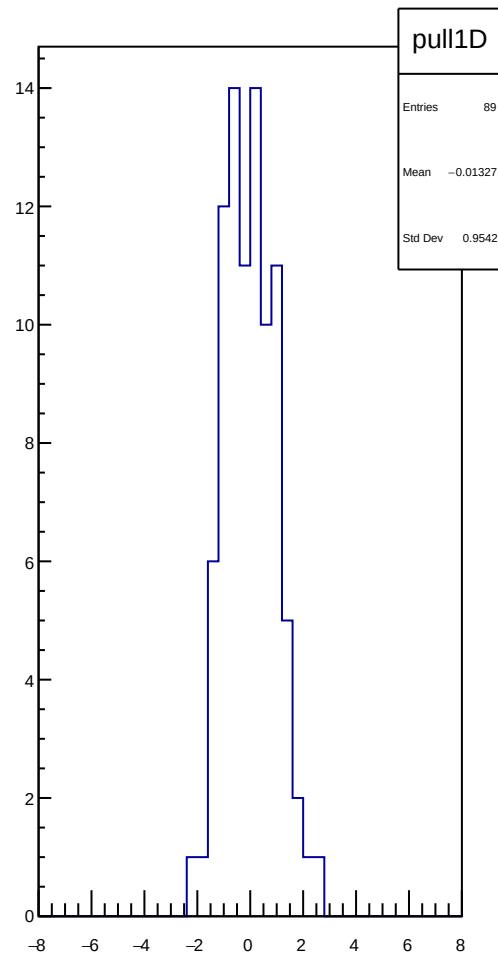
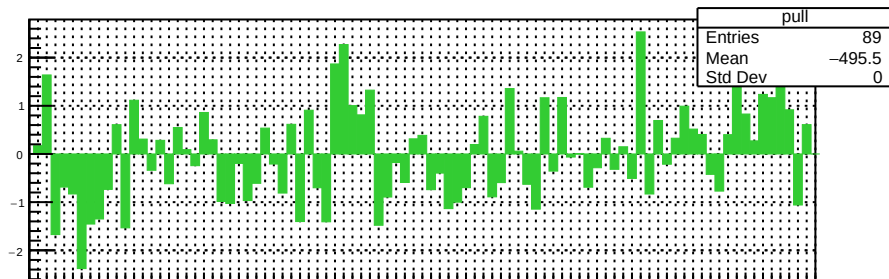
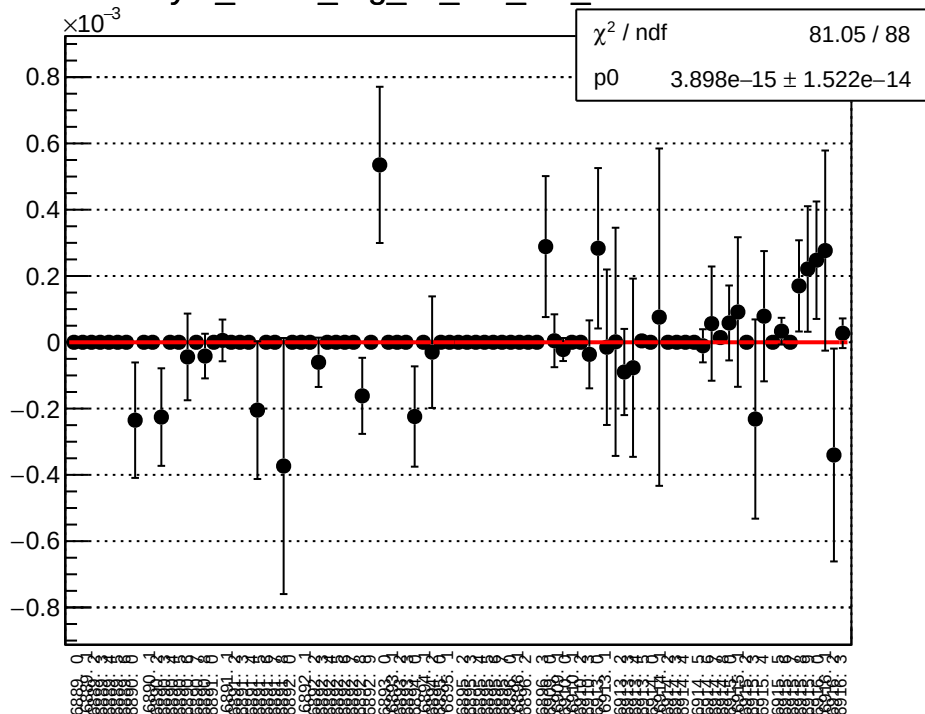
asym_sam1_mean vs run



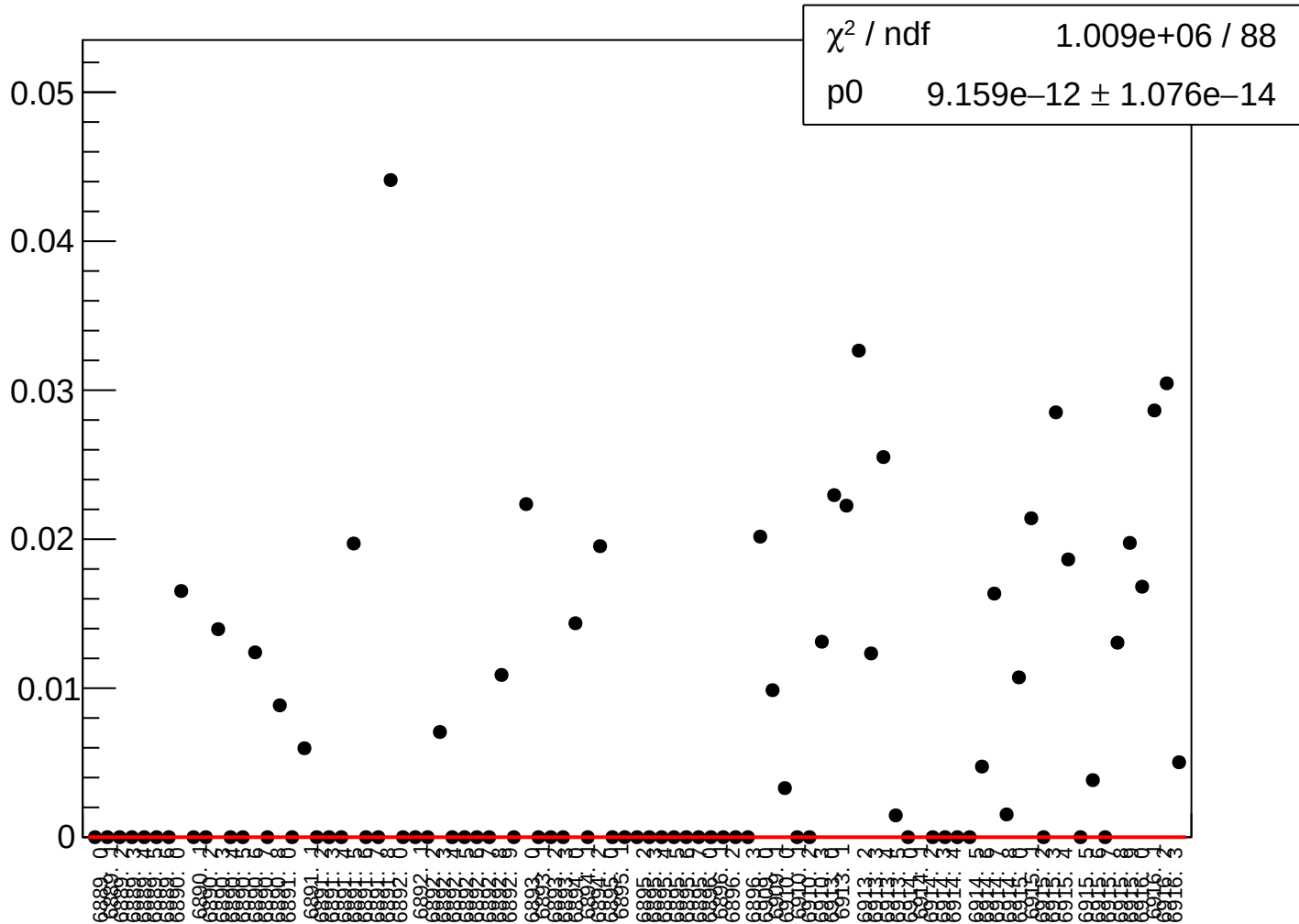
asym_sam1_rms vs run



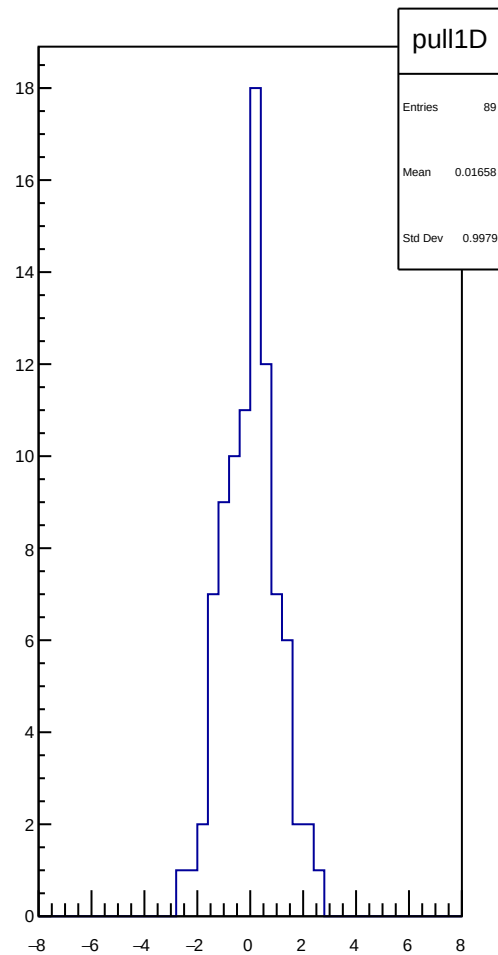
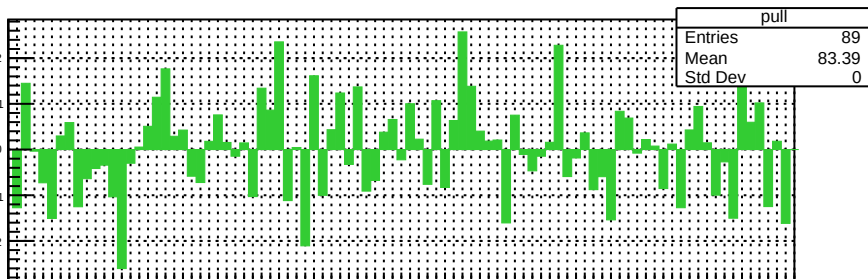
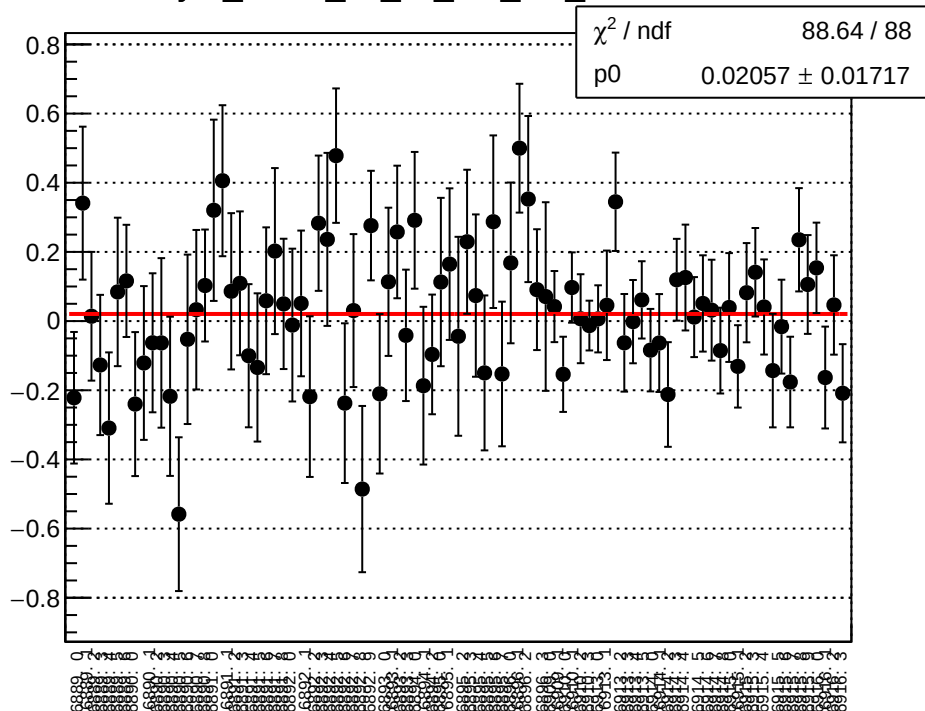
asym_sam1_reg_vs_cor_diff_mean vs run



asym_sam1_reg_vs_cor_diff_rms vs run

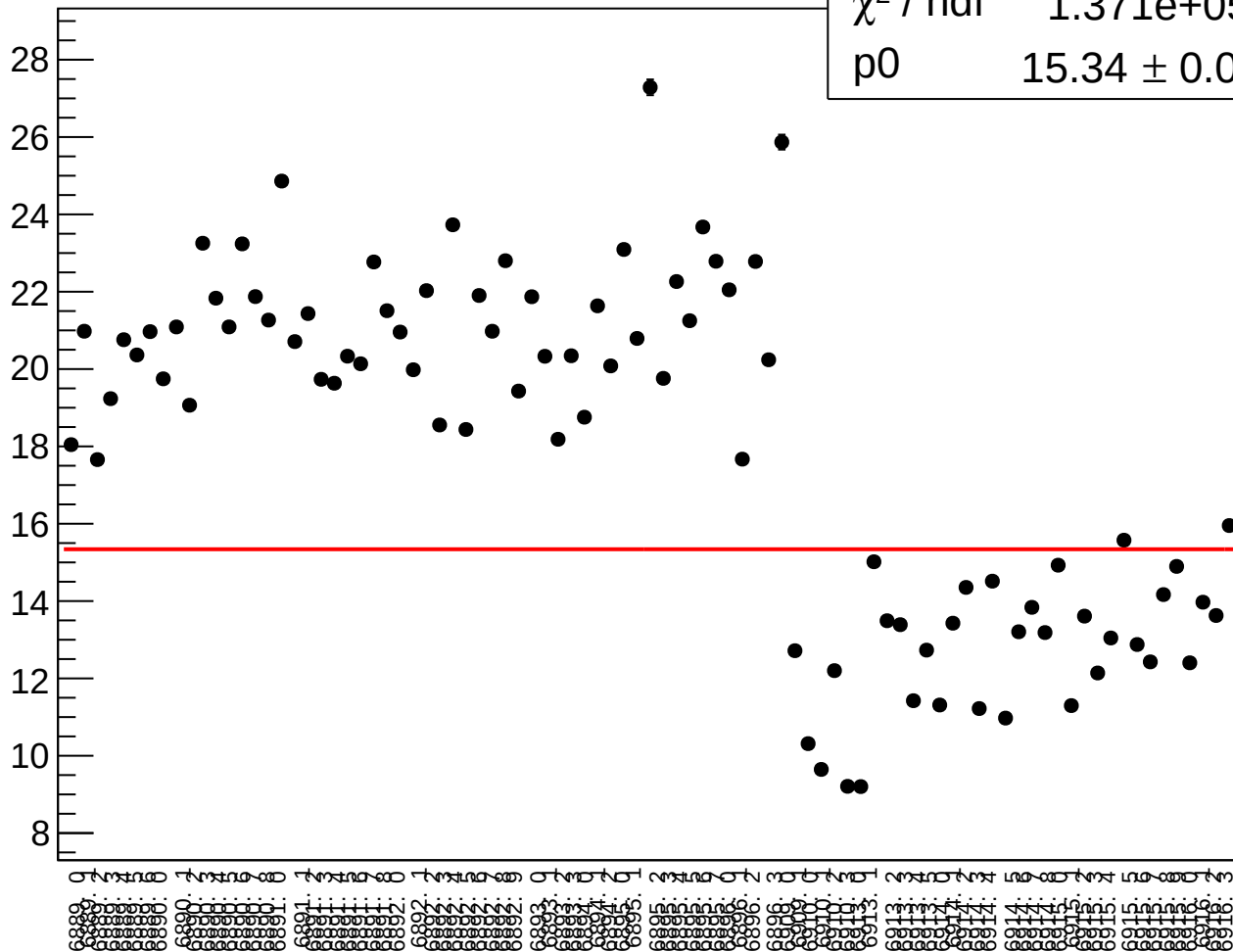


asym_sam1_dit_vs_cor_diff_mean vs run

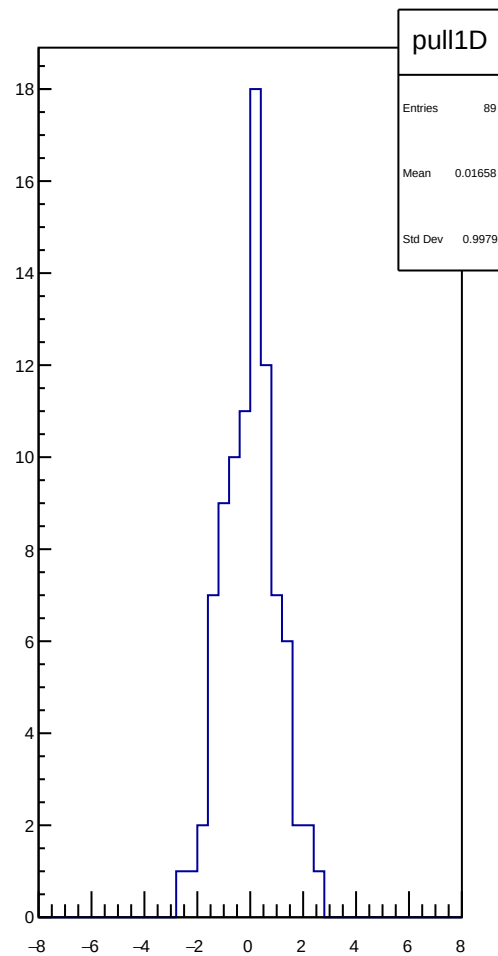
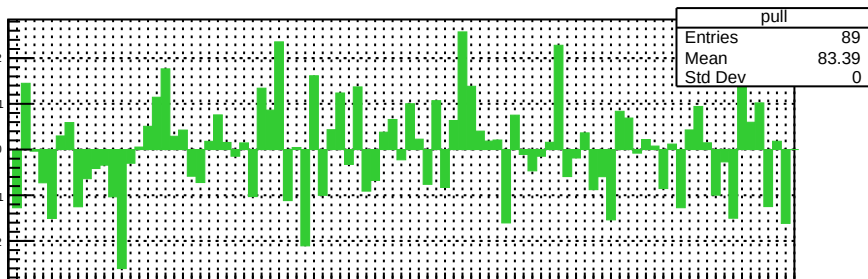
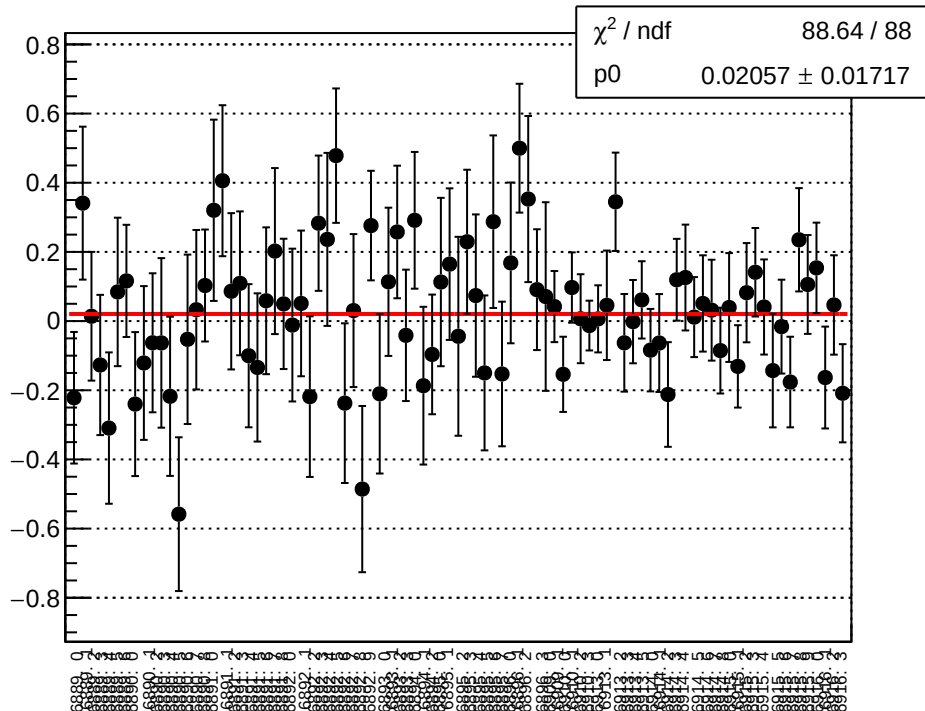


asym_sam1_dit_vs_cor_diff_rms vs run

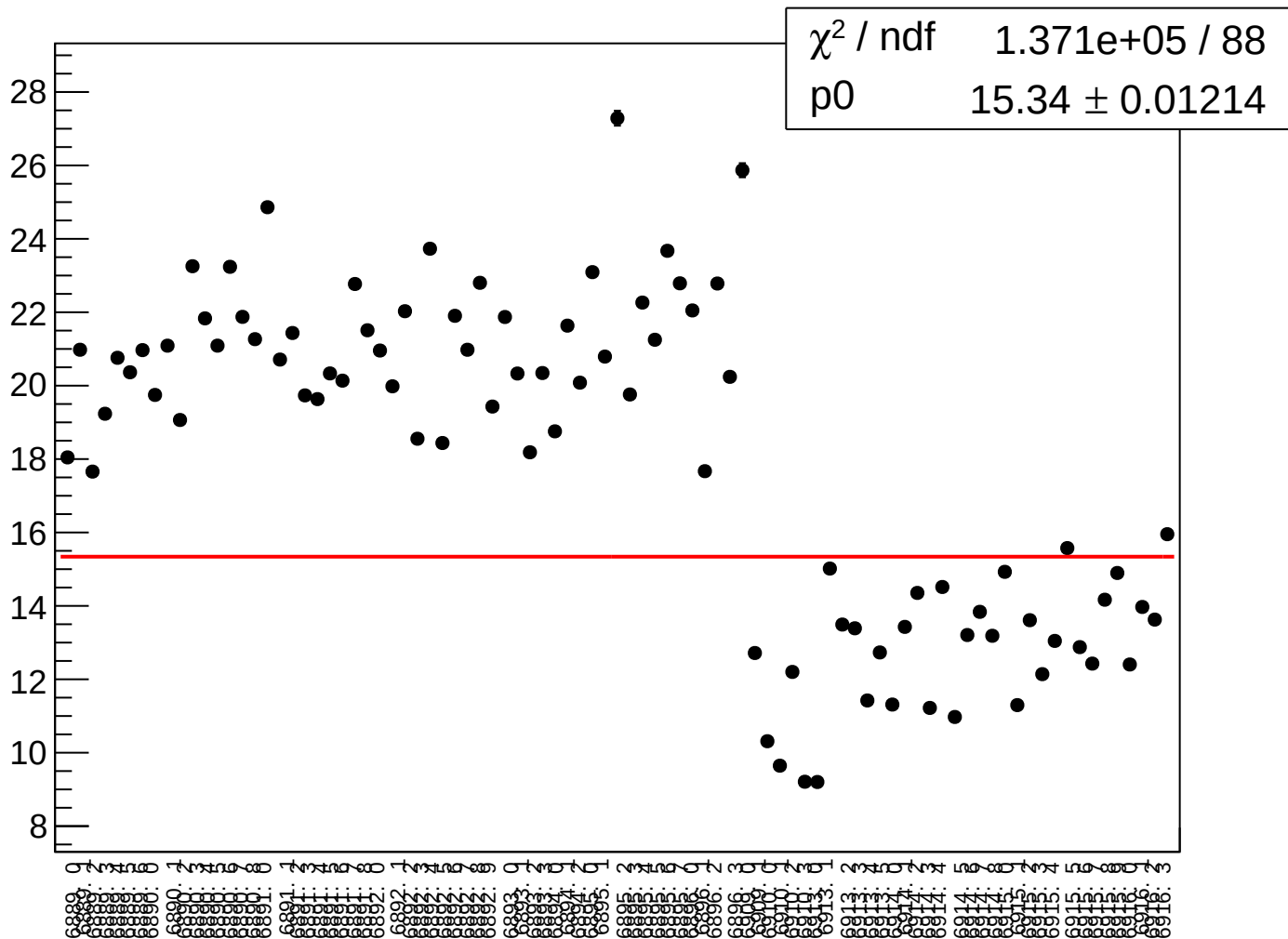
χ^2 / ndf 1.371e+05 / 88
p0 15.34 $\pm$ 0.01214



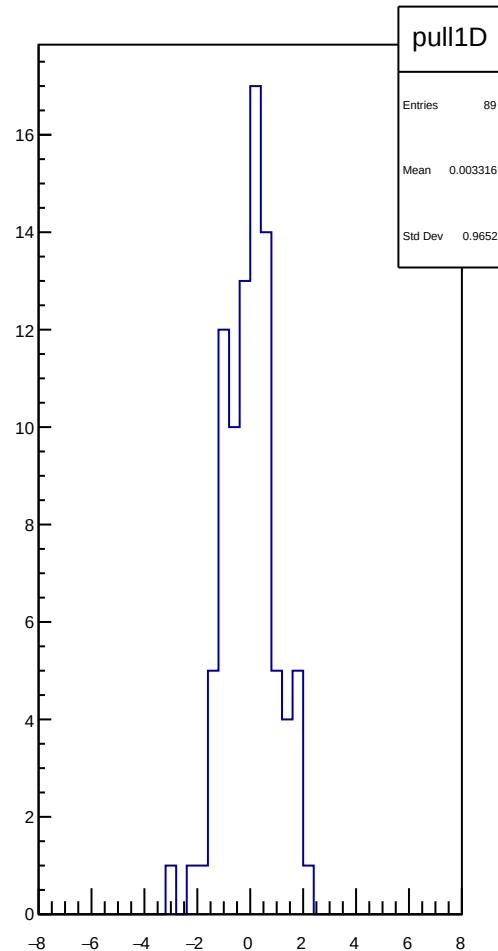
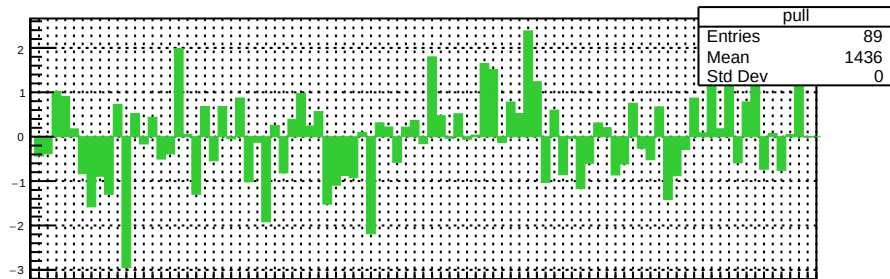
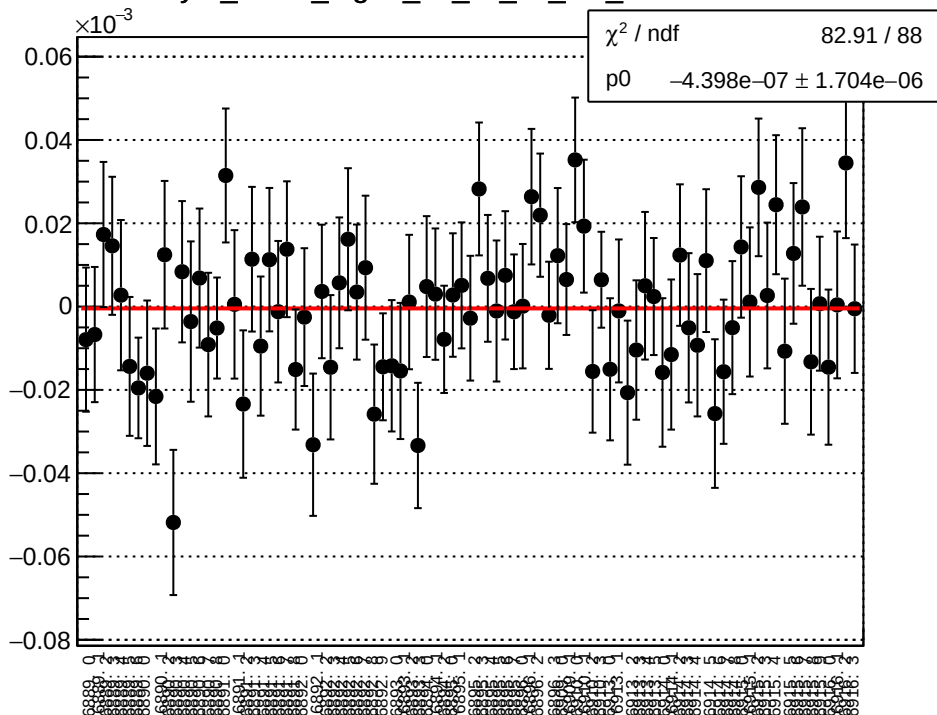
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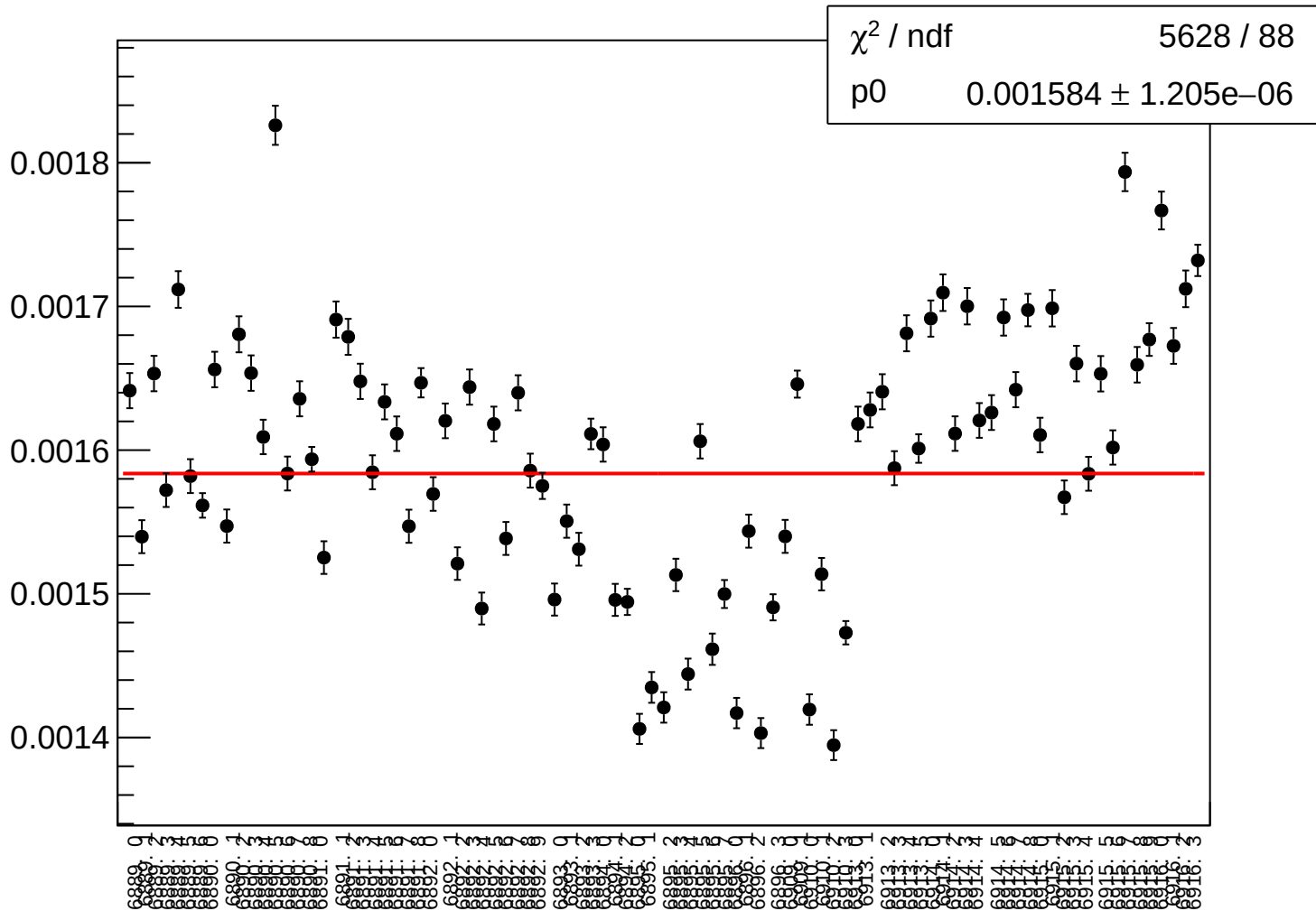
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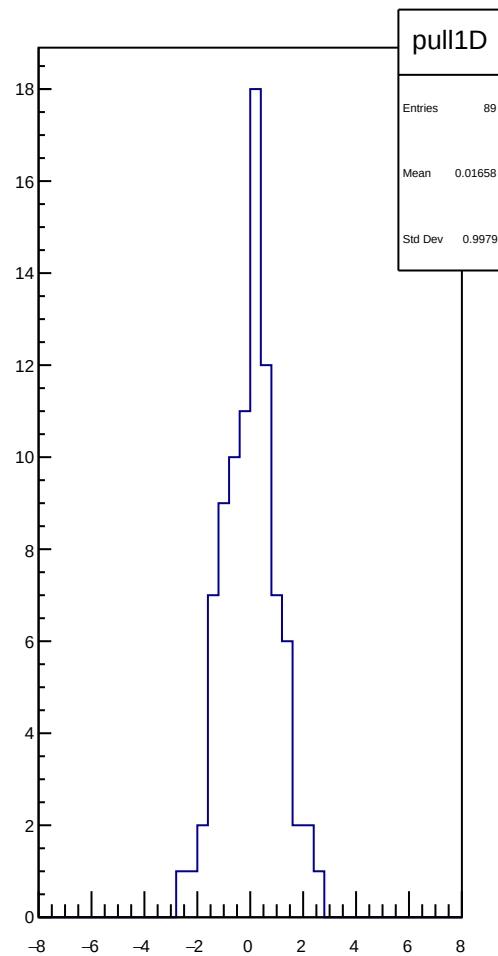
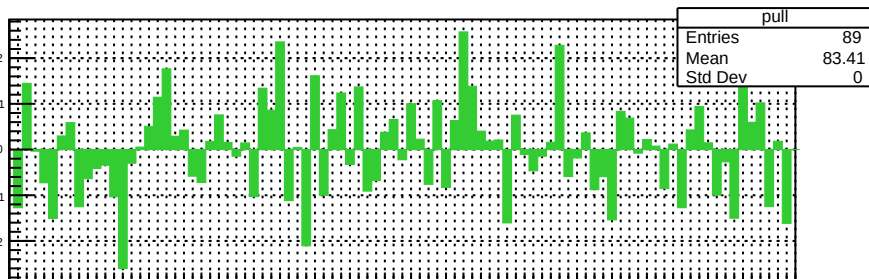
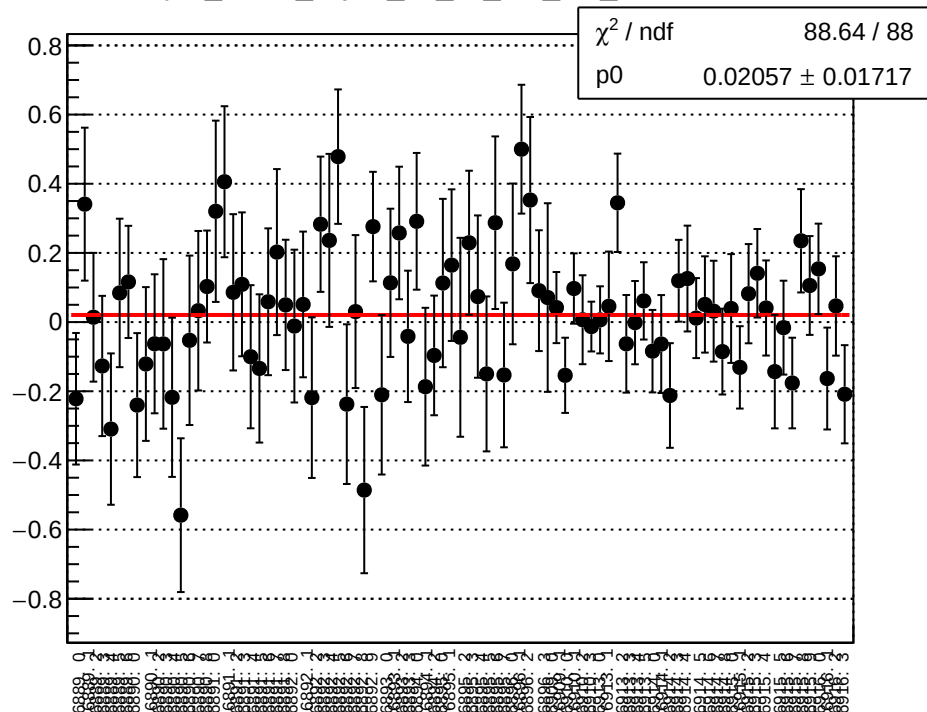
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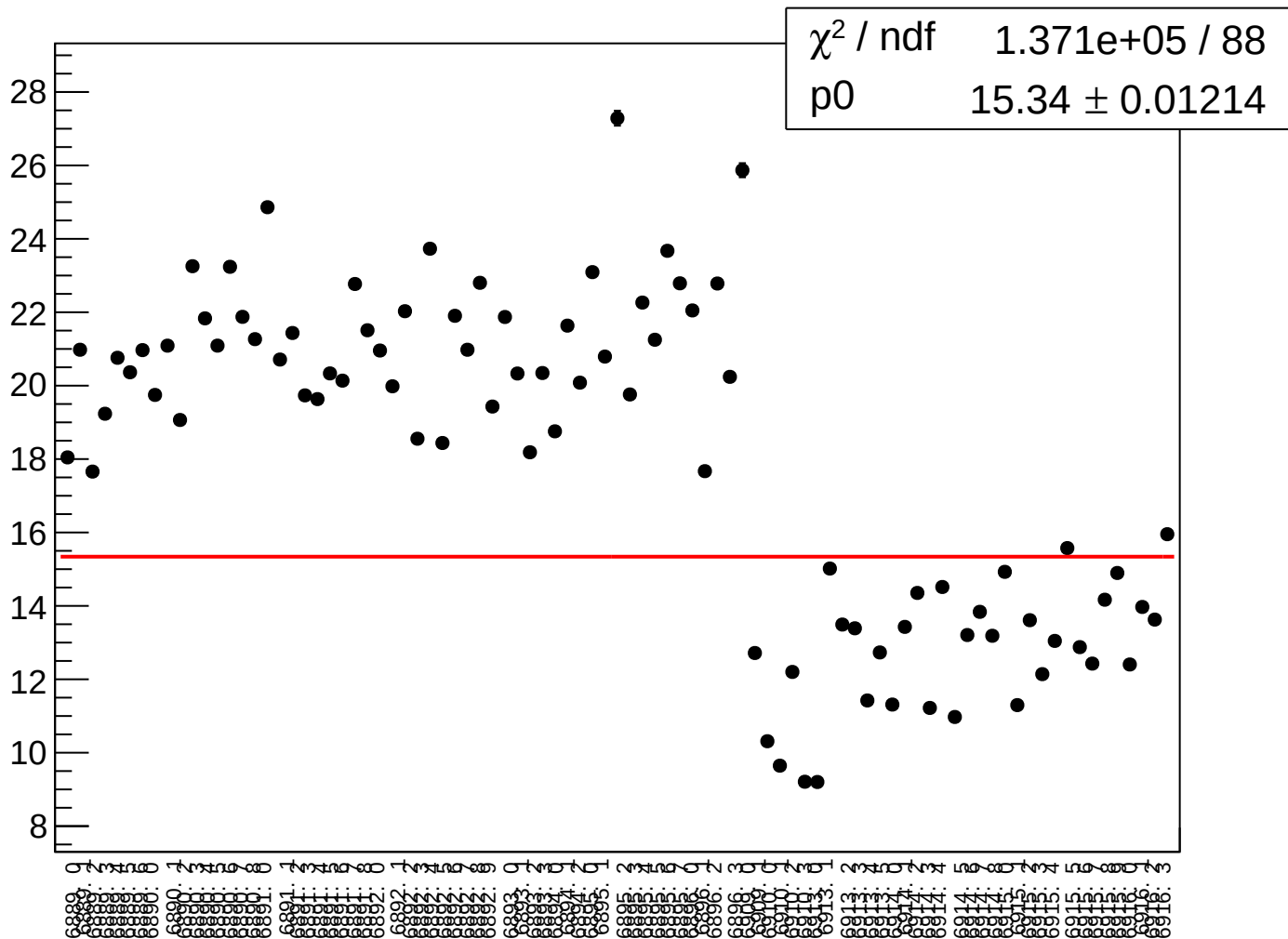
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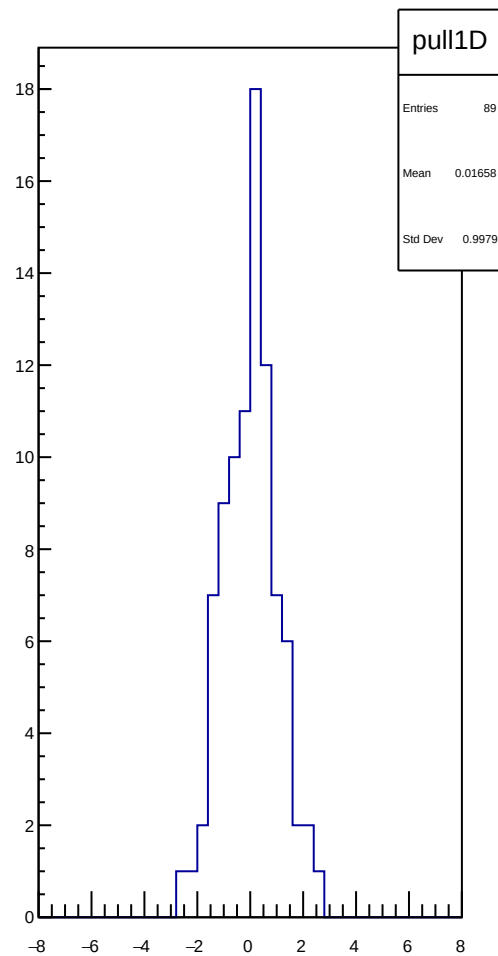
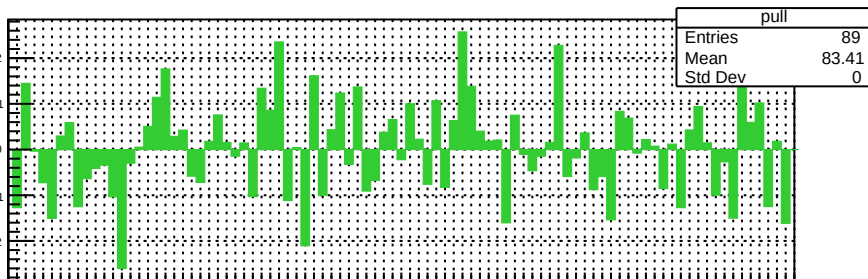
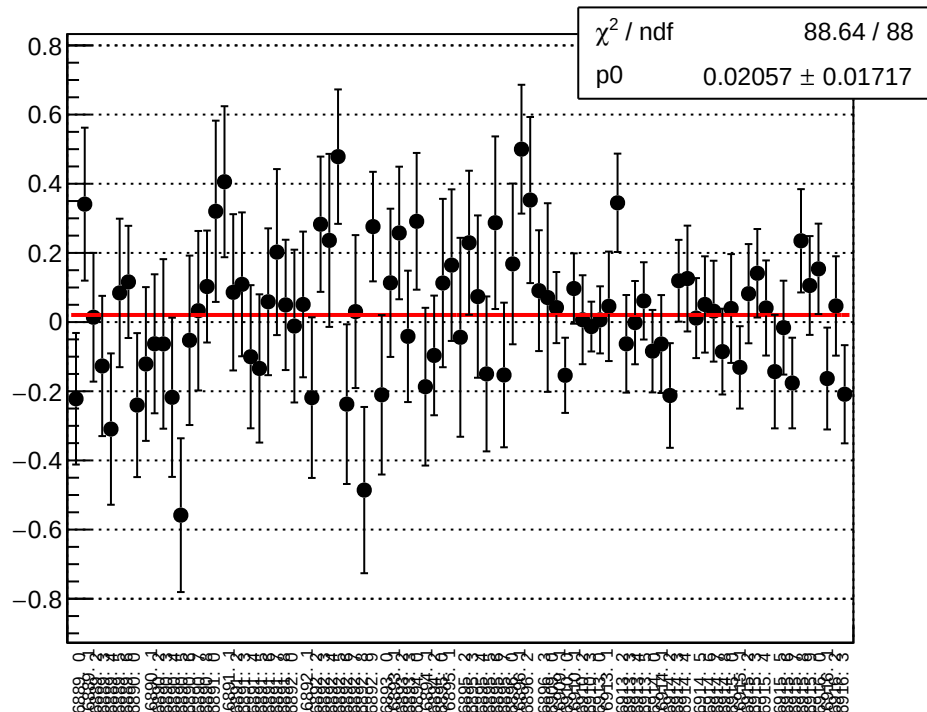
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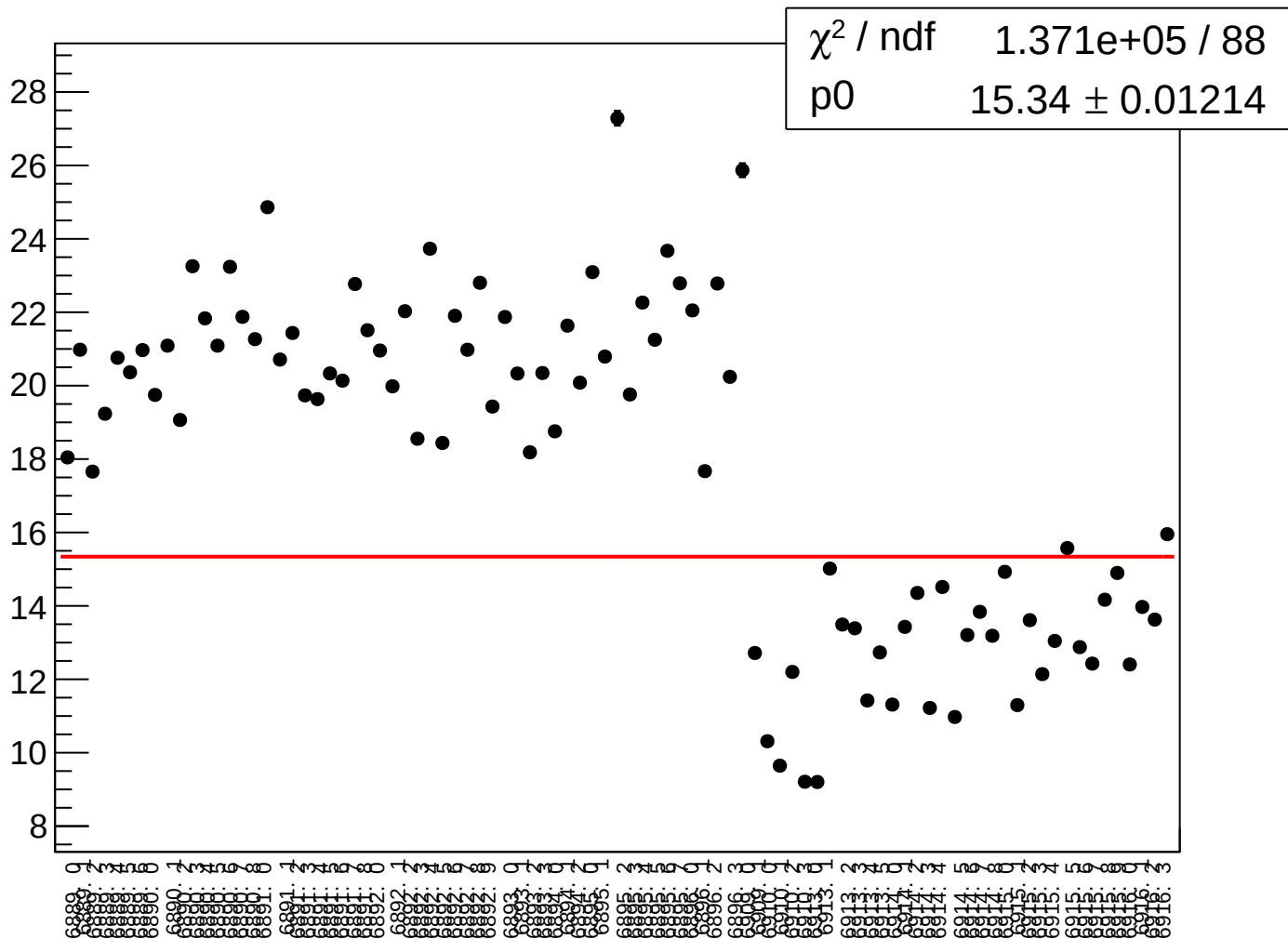
asym_sam1_eigen_dit_vs_cor_diff_rms vs run



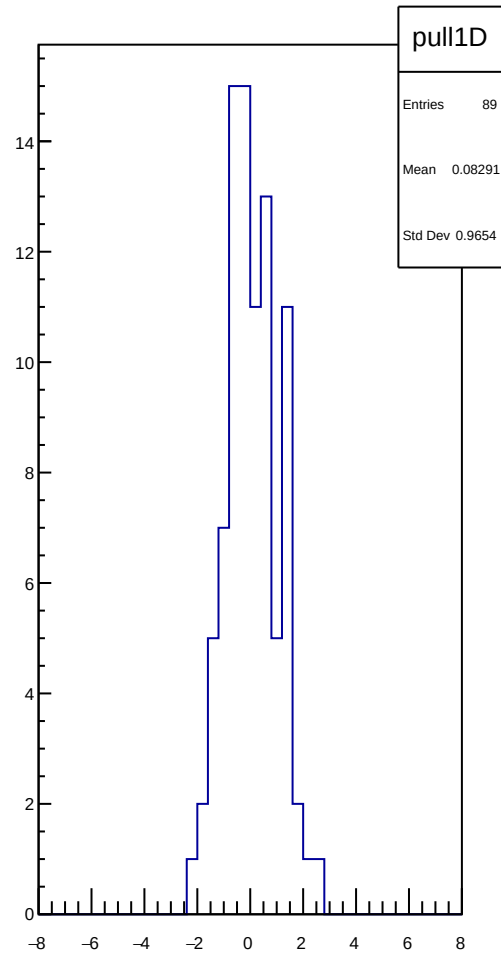
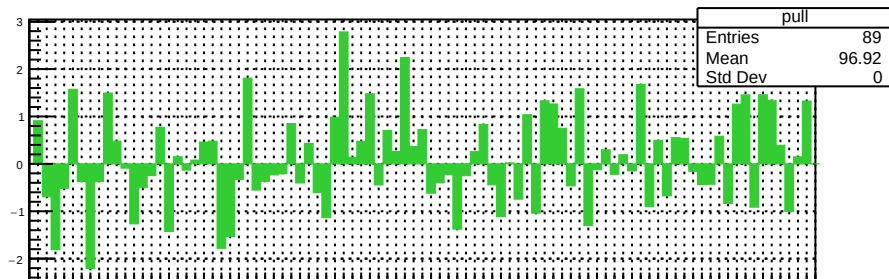
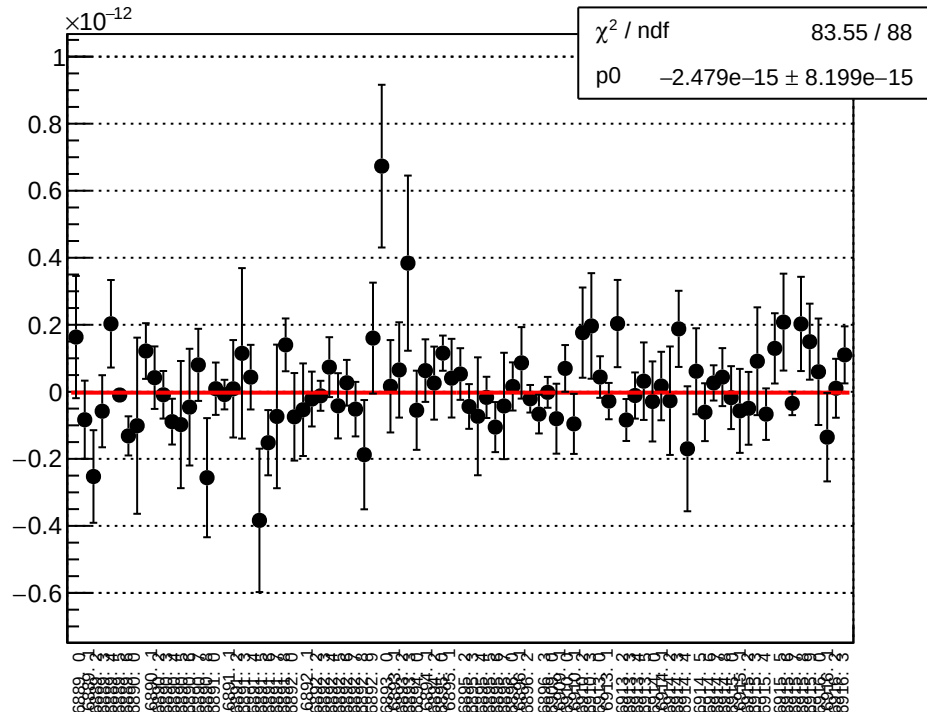
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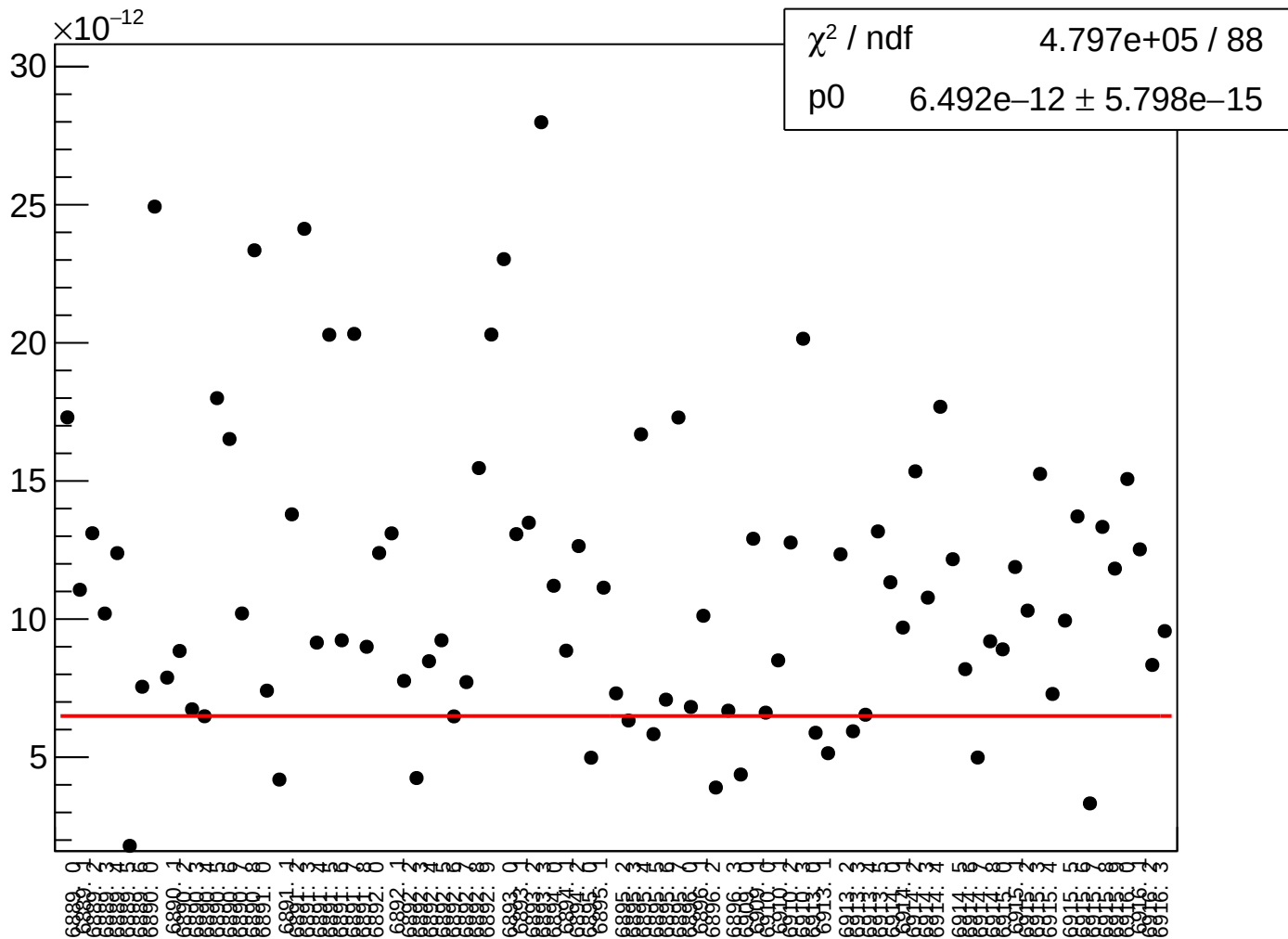
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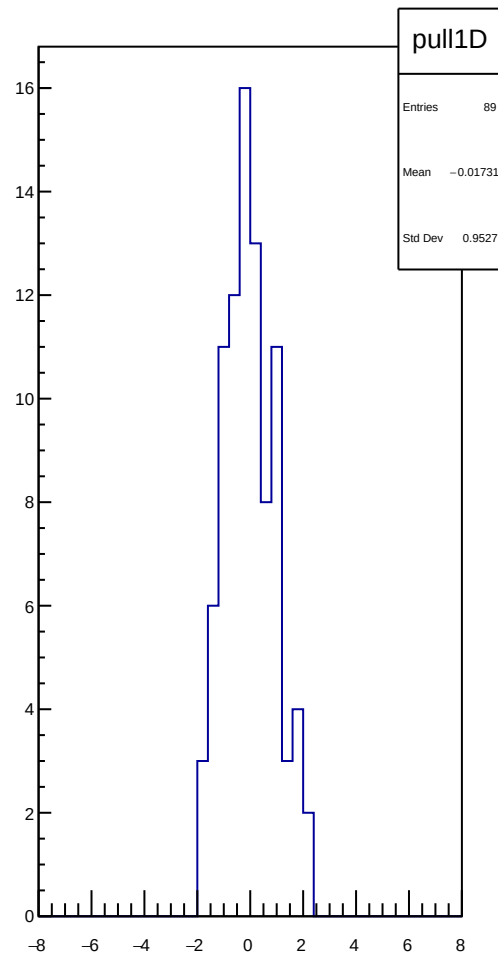
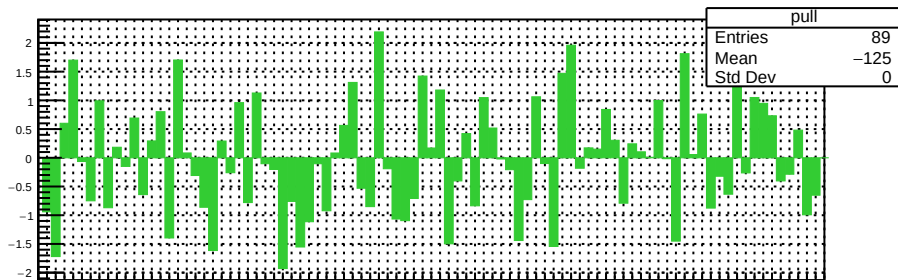
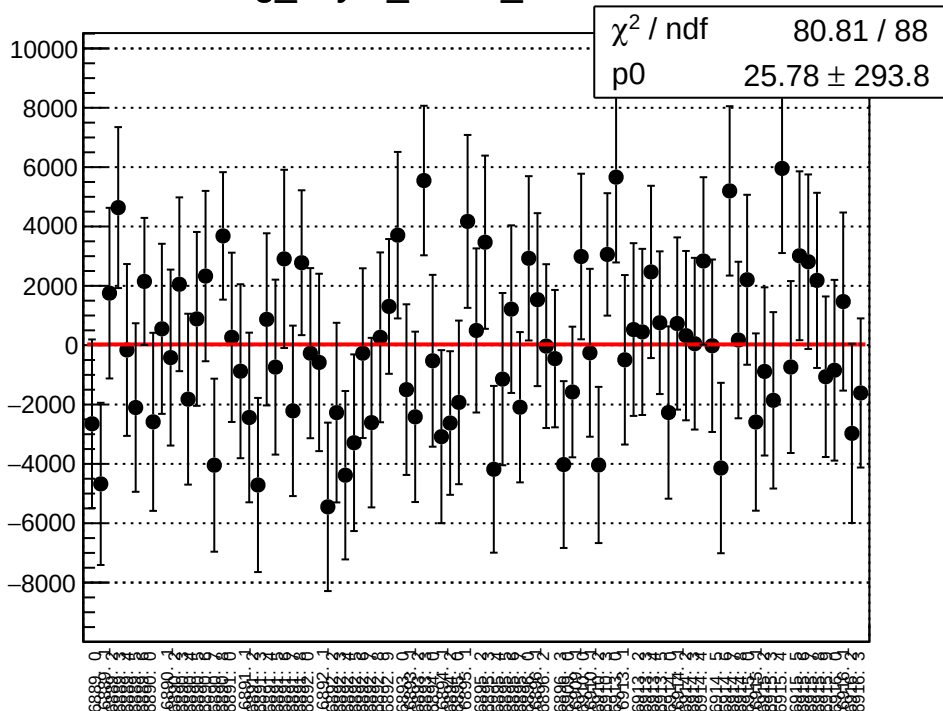
asym_sam1_eigen_cor_vs_cor_diff_mean vs run



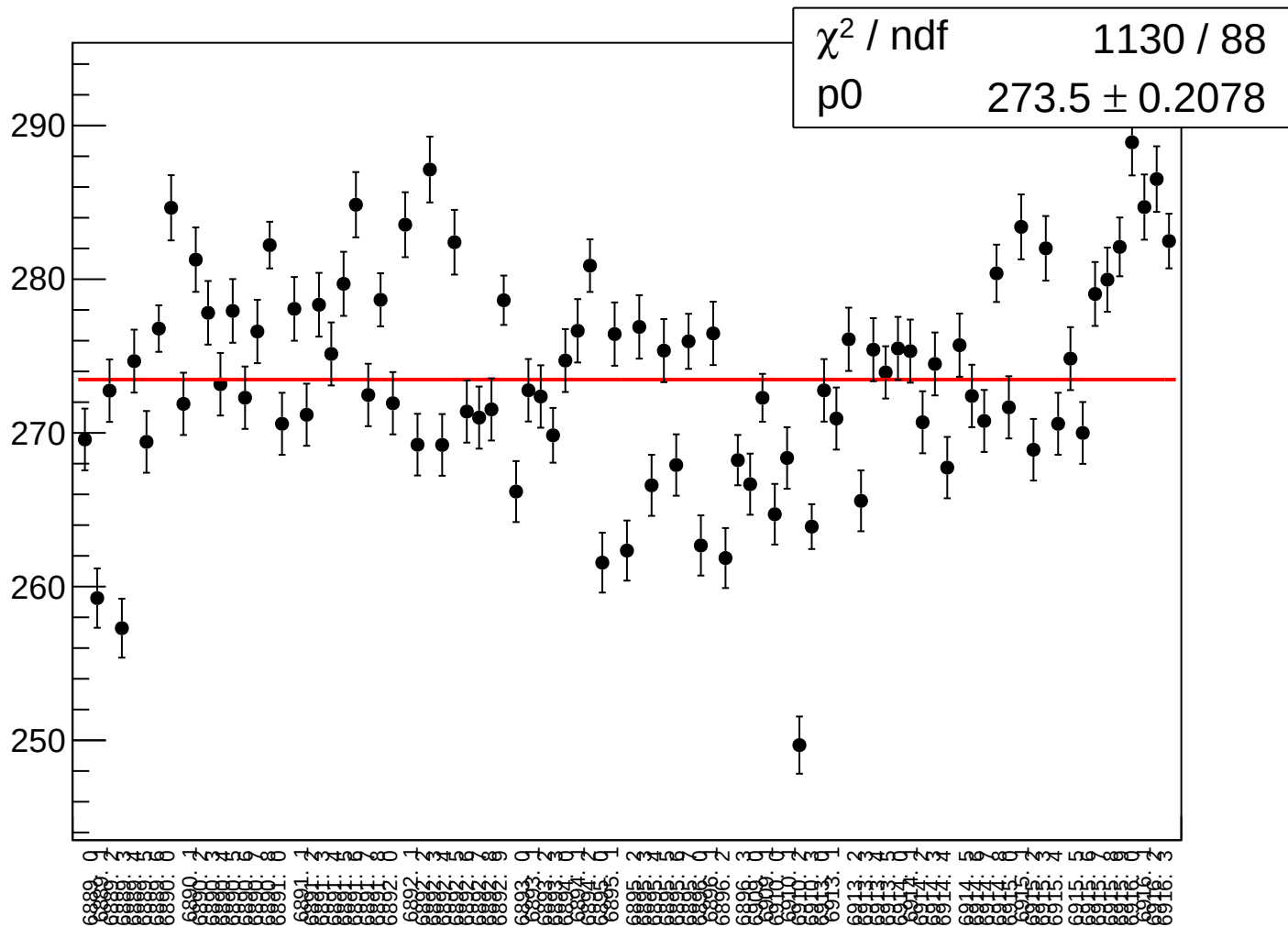
asym_sam1_eigen_cor_vs_cor_diff_rms vs run



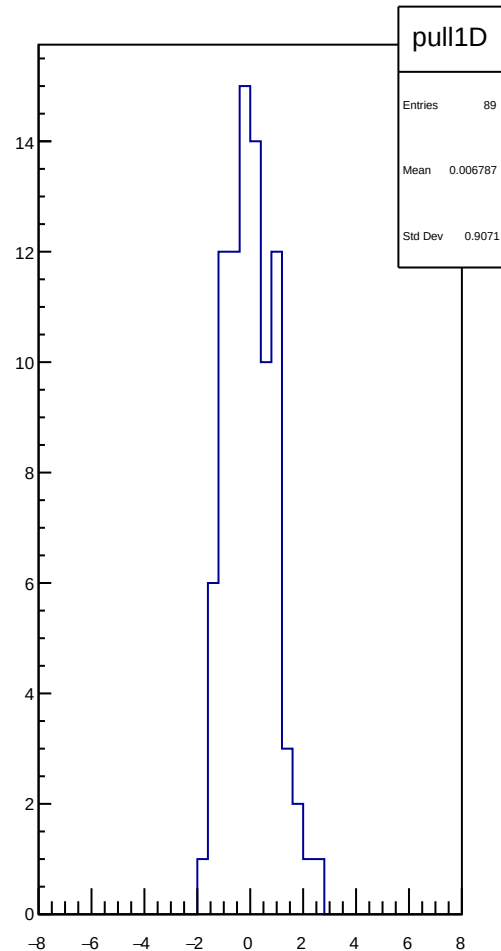
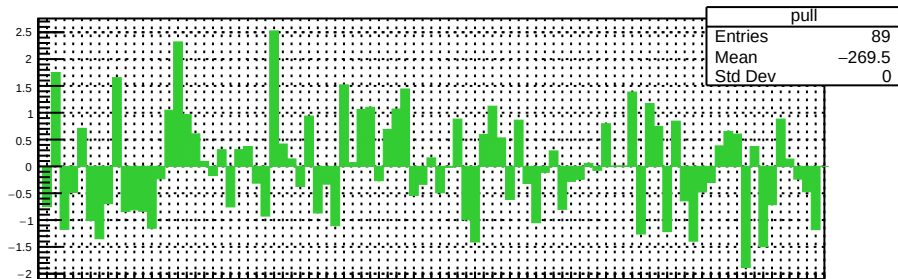
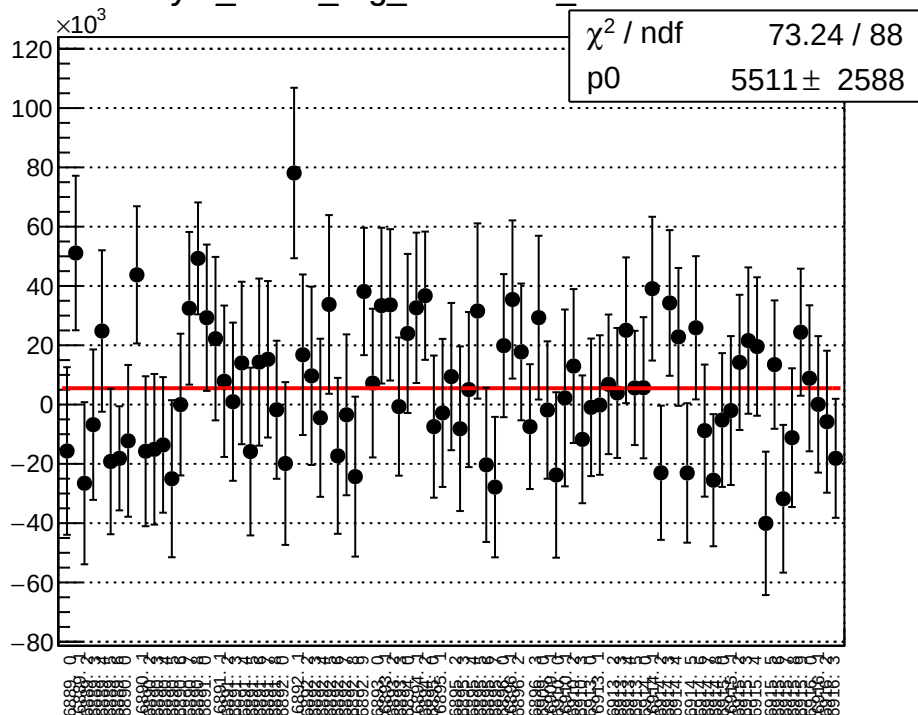
reg_asym_sam2_mean vs run



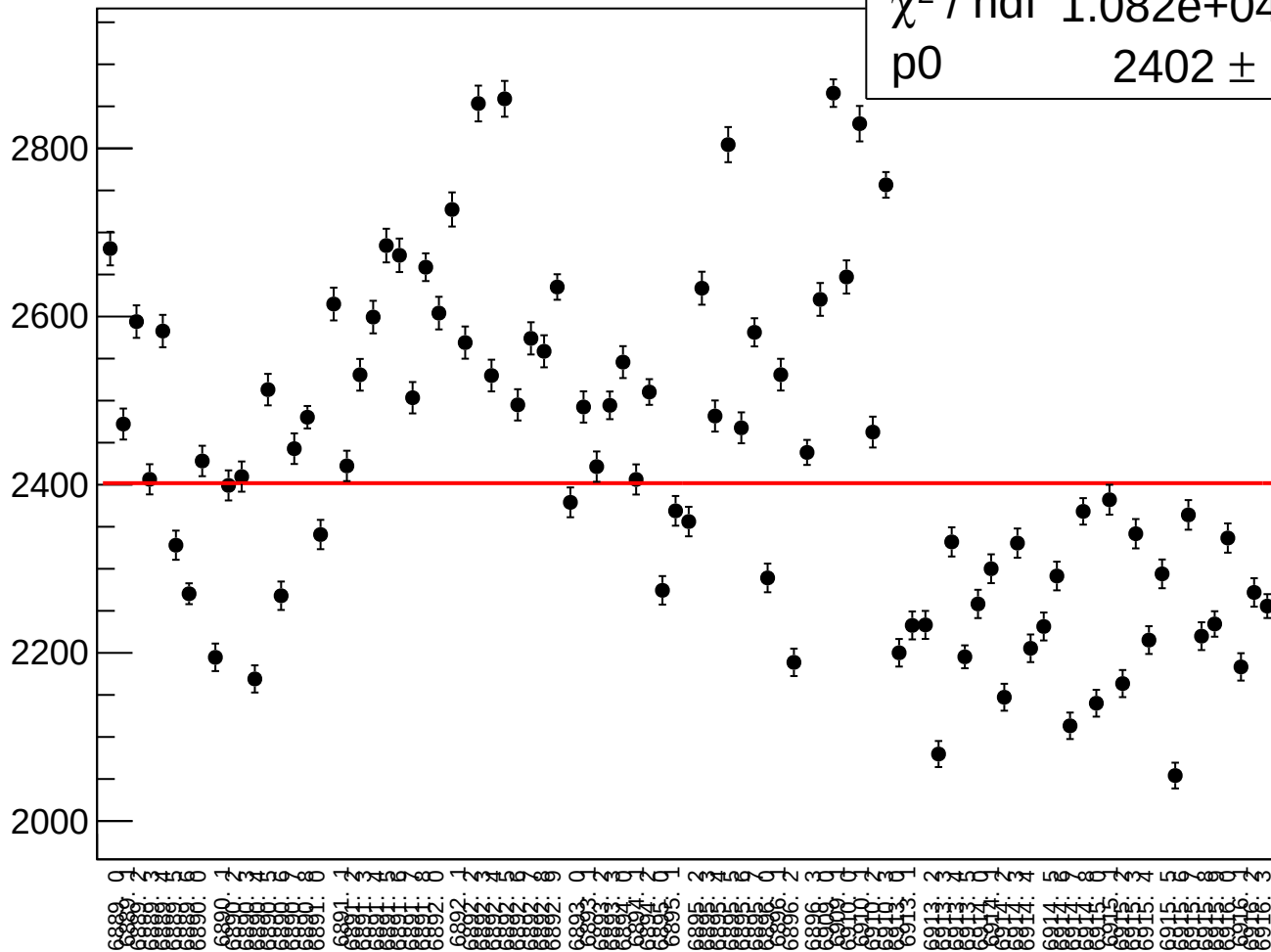
reg_asym_sam2_rms vs run



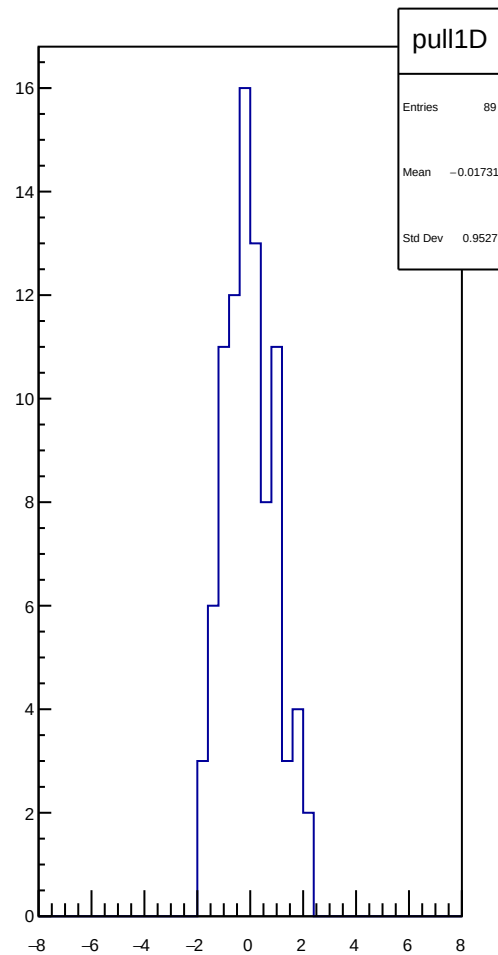
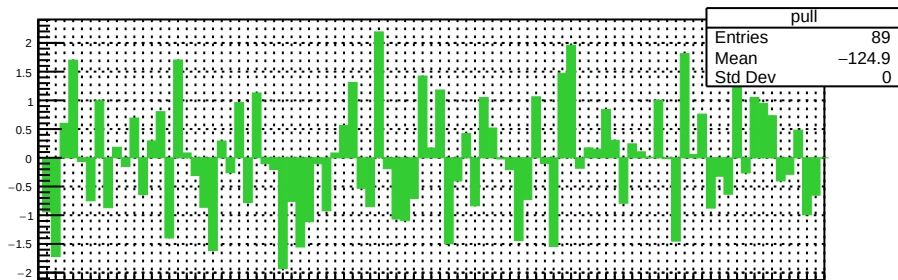
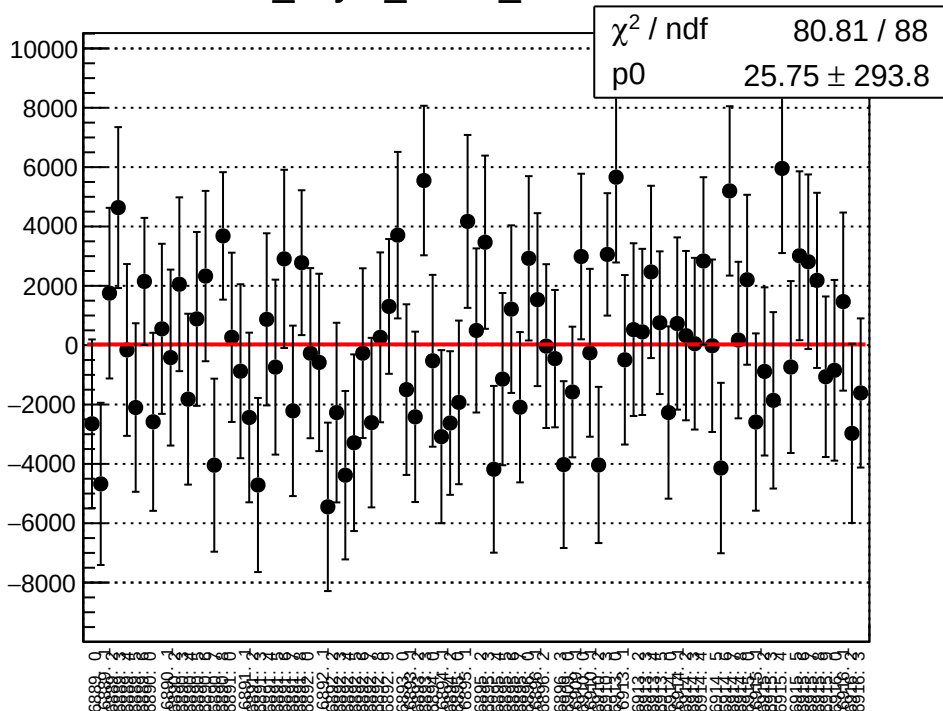
asym_sam2_reg_correction_mean vs run



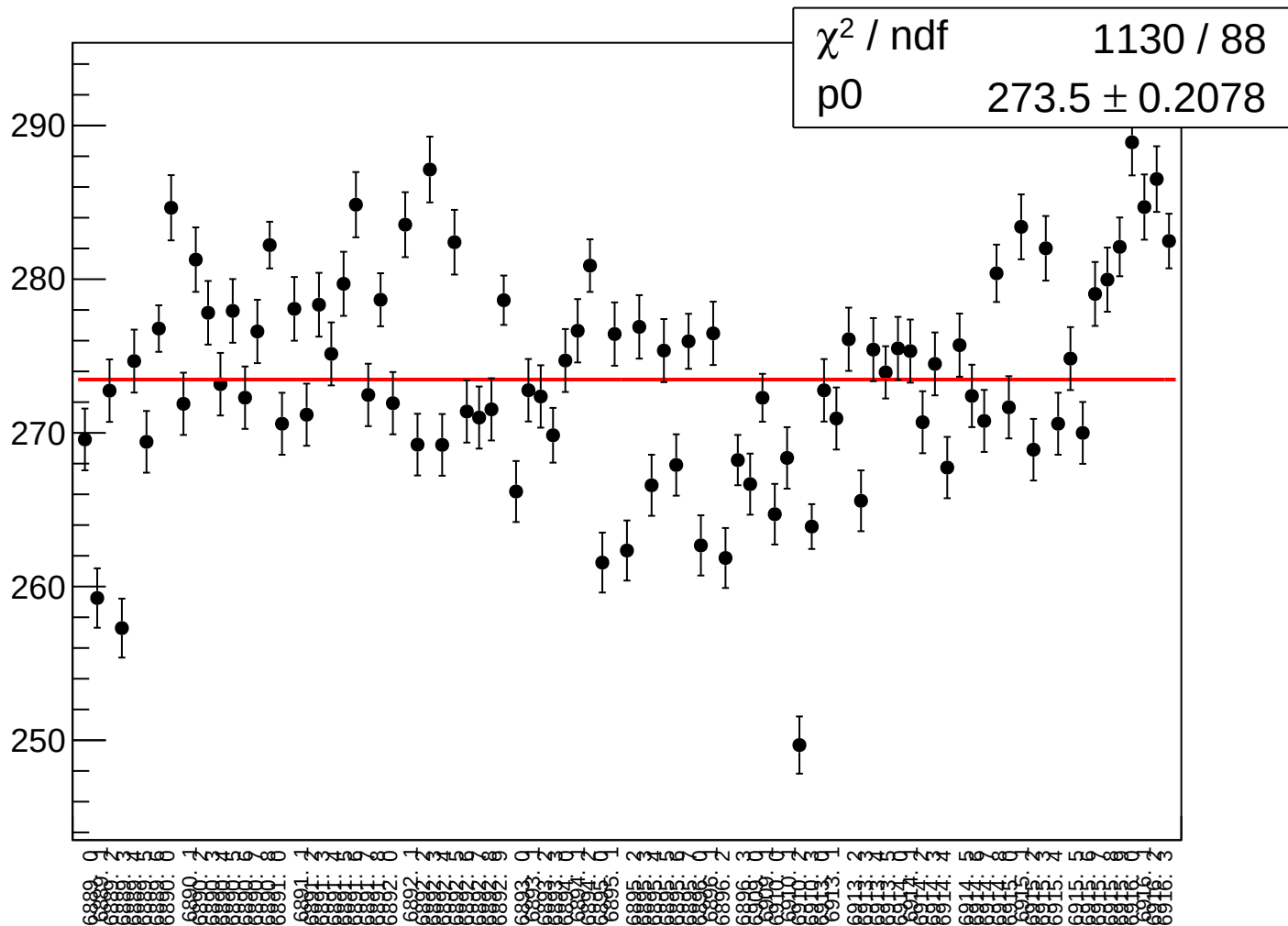
χ^2 / ndf 1.082e+04 / 88
p0 2402 $\pm$ 1.83



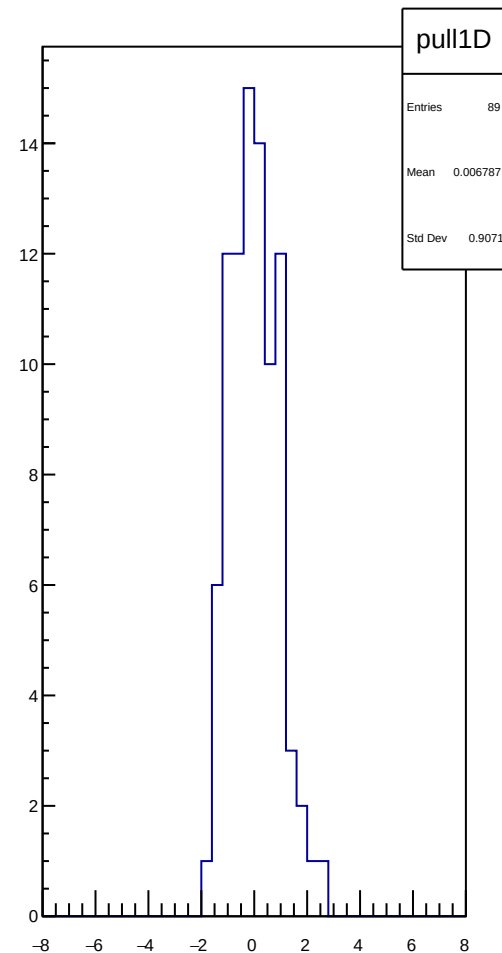
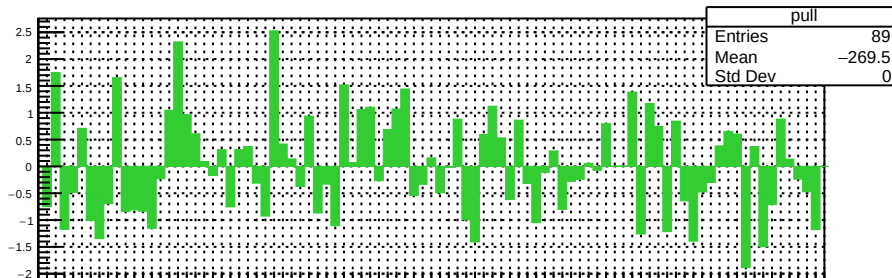
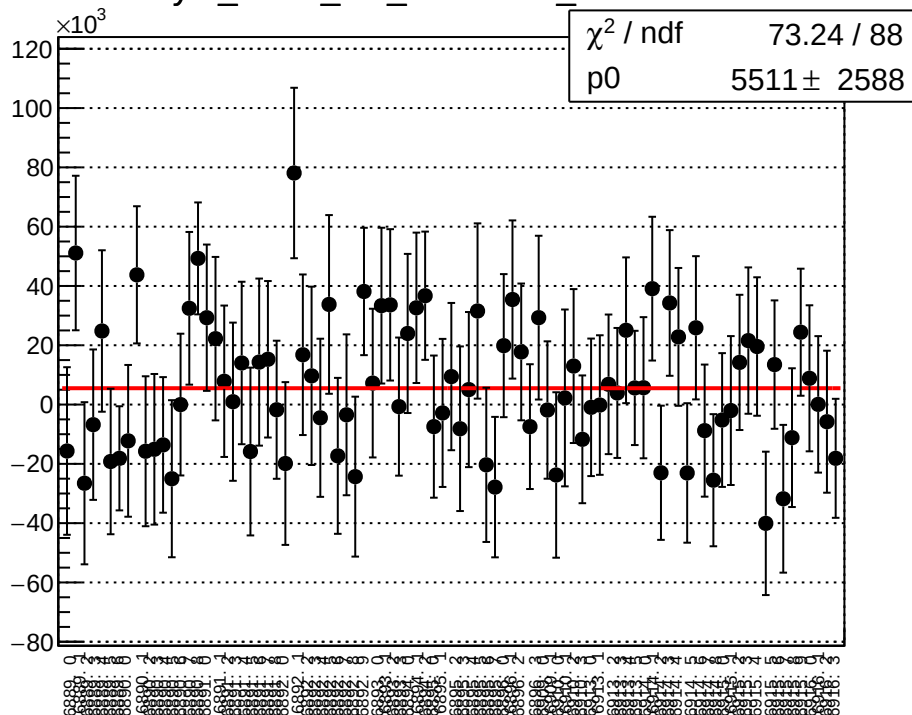
cor_asym_sam2_mean vs run



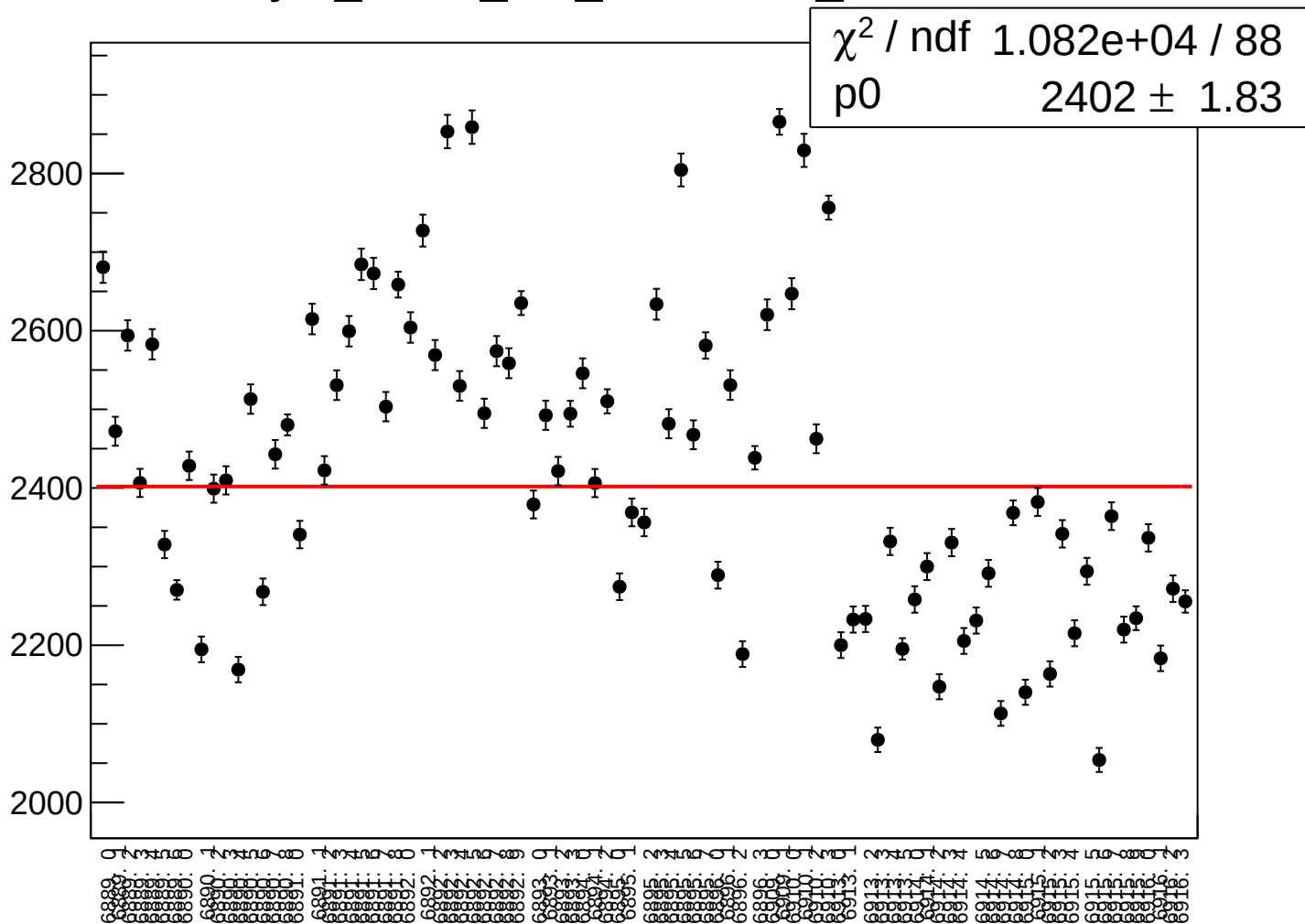
cor_asym_sam2_rms vs run



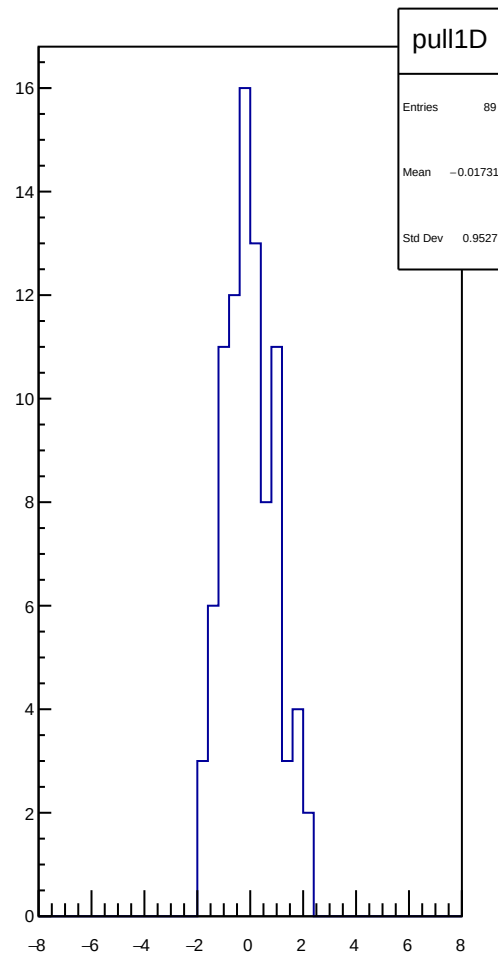
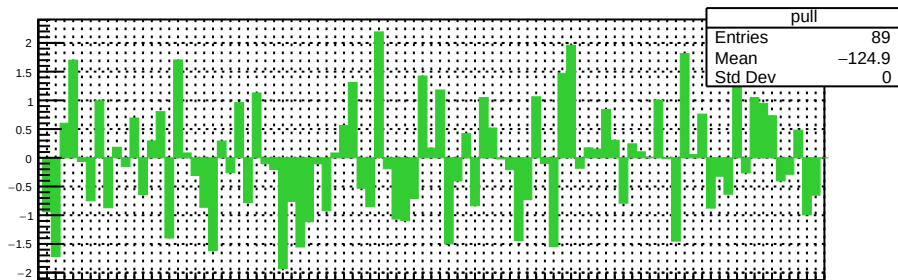
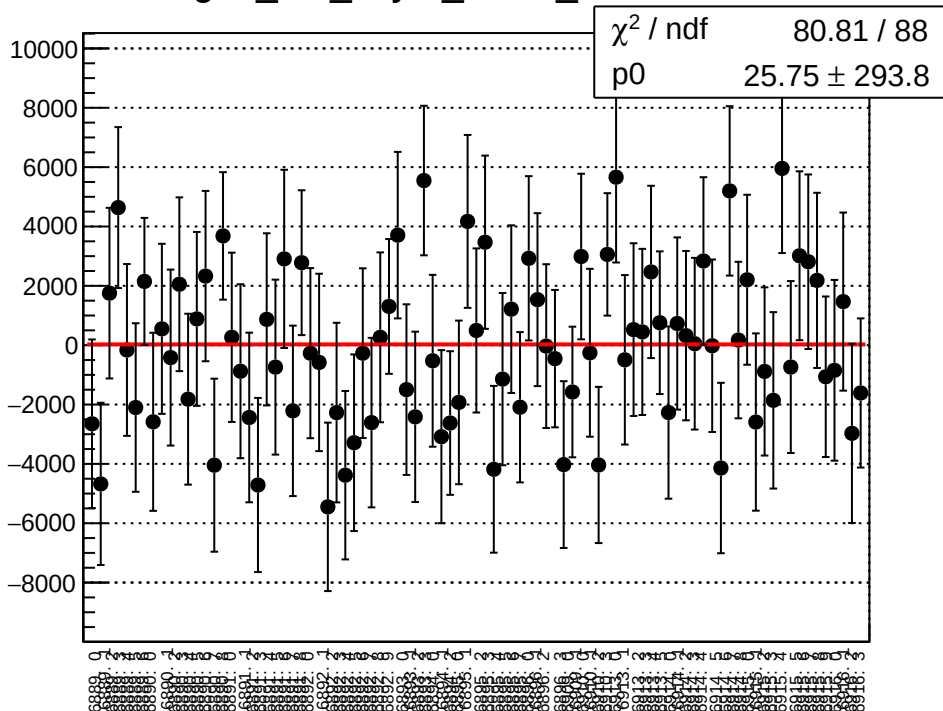
asym_sam2_cor_correction_mean vs run



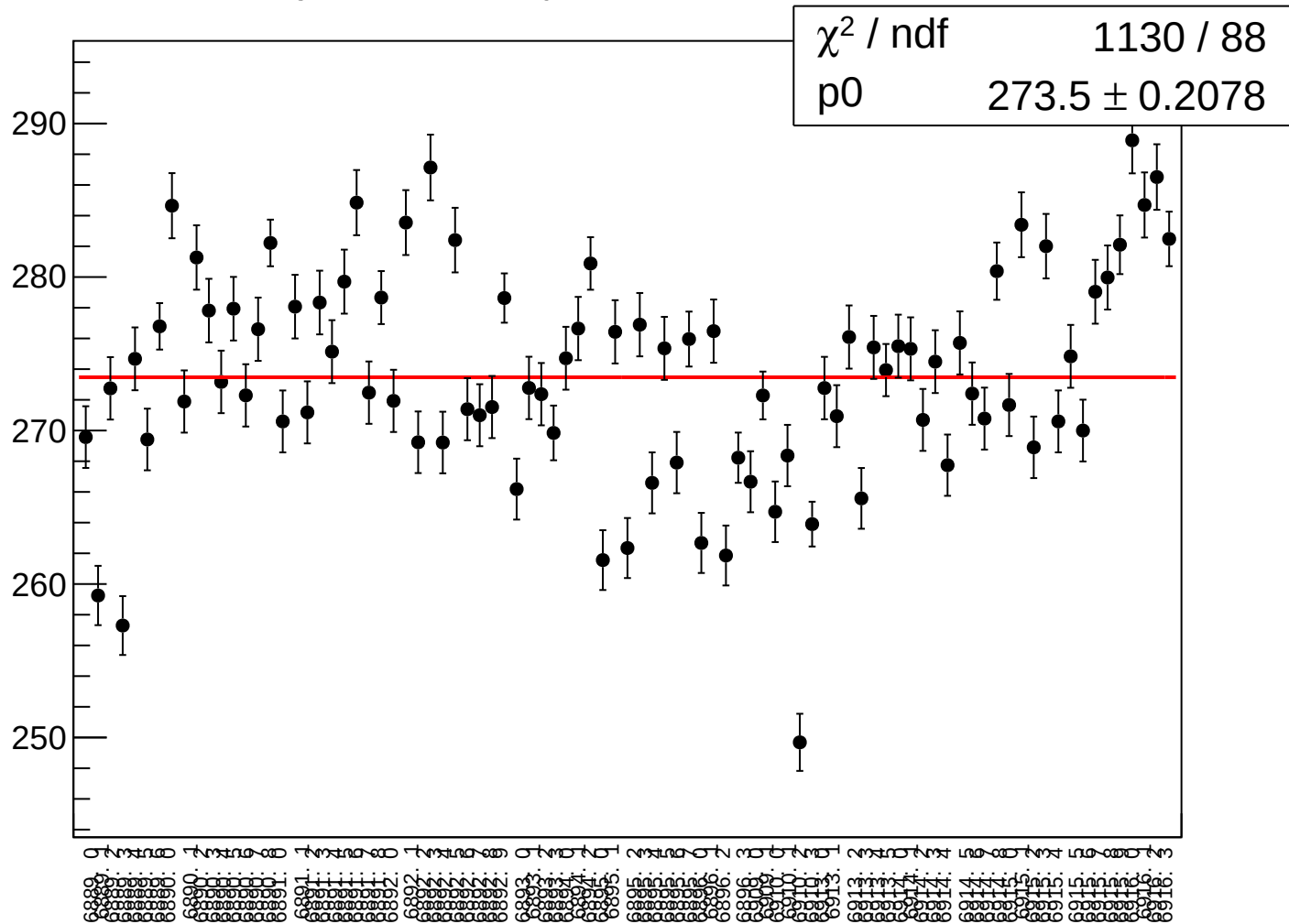
asym_sam2_cor_correction_rms vs run



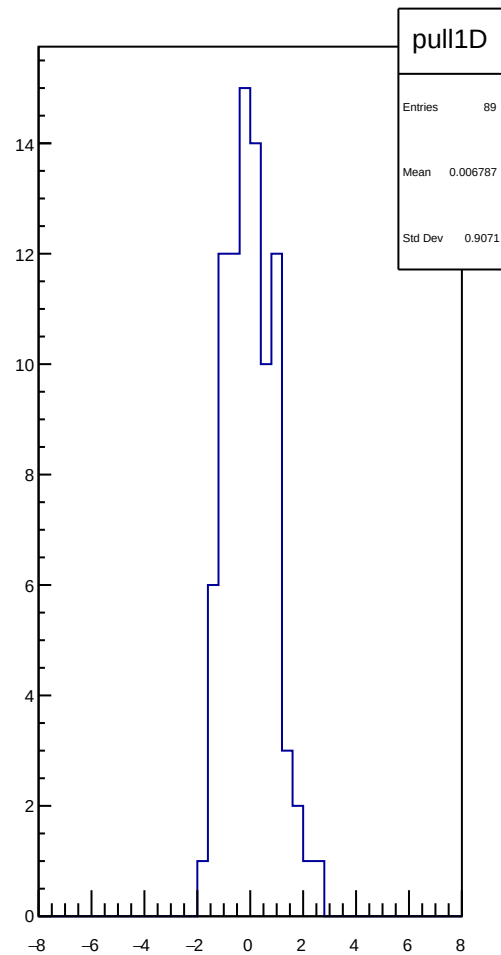
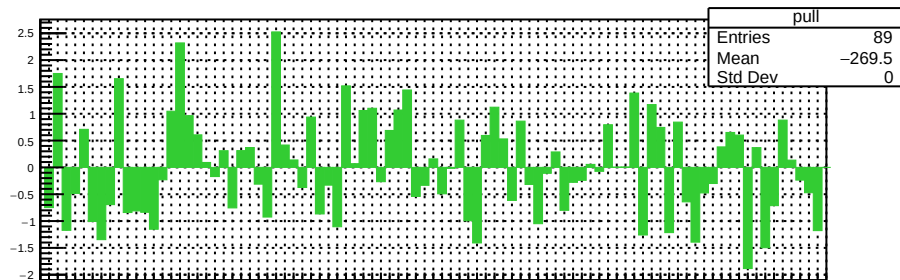
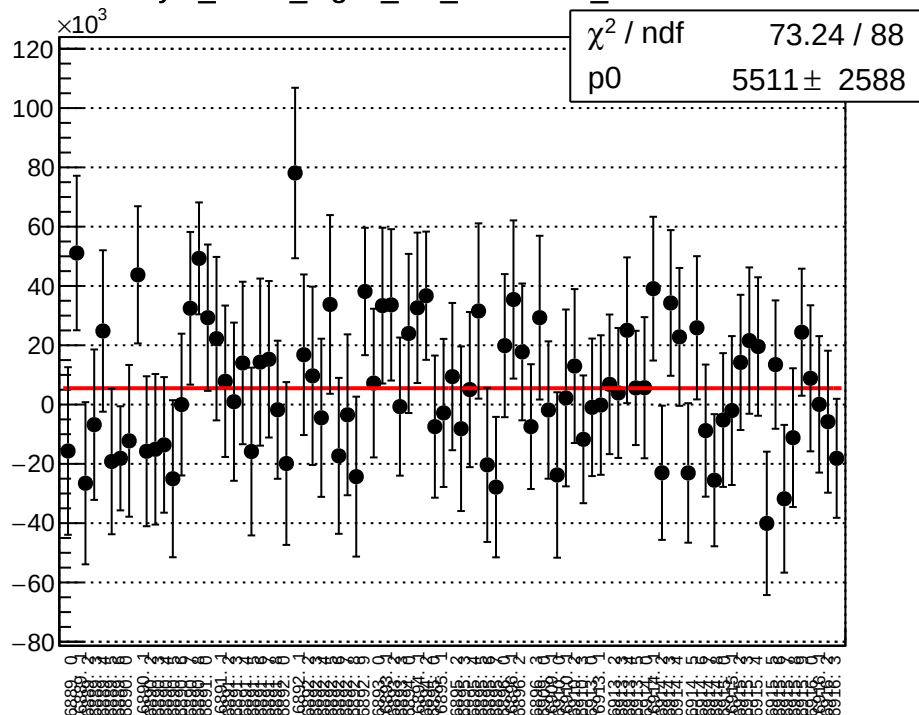
eigen_cor_asym_sam2_mean vs run



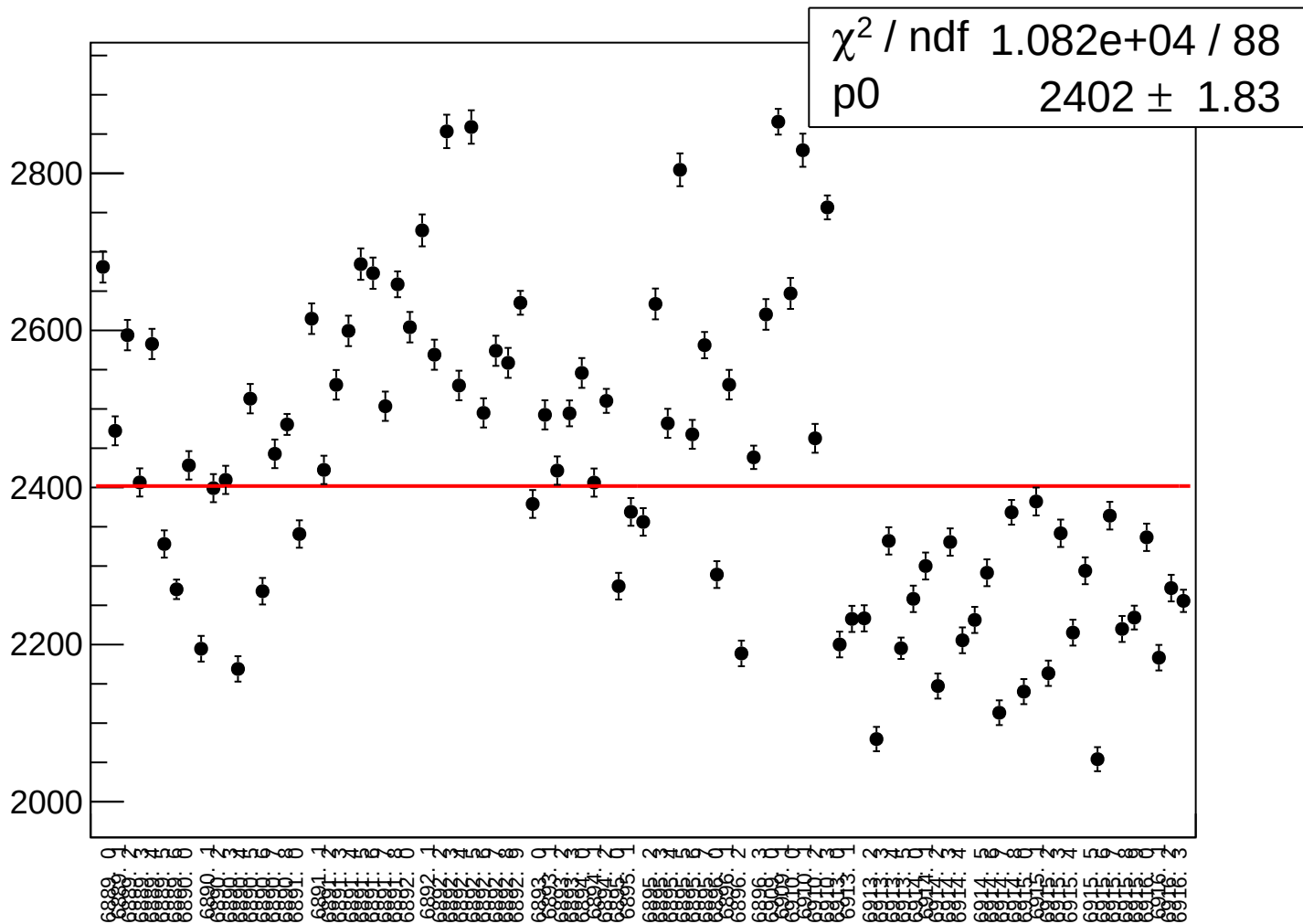
eigen_cor_asym_sam2_rms vs run



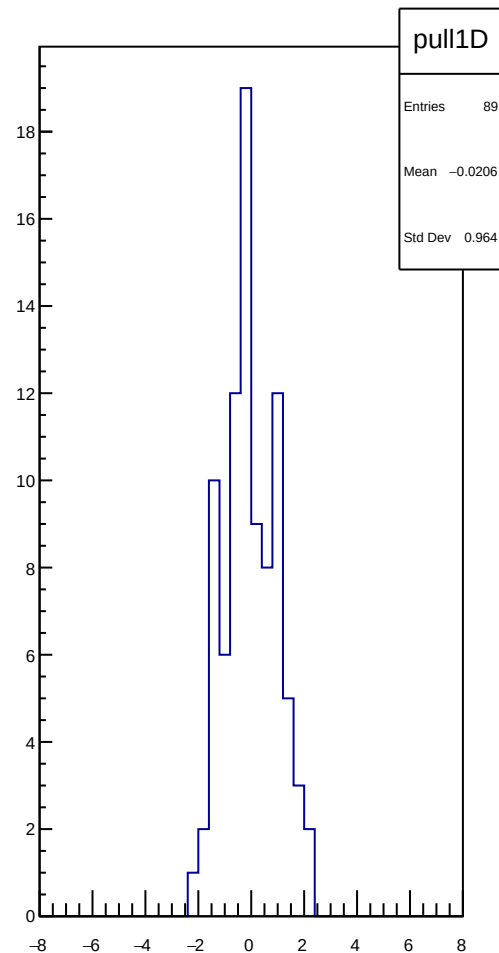
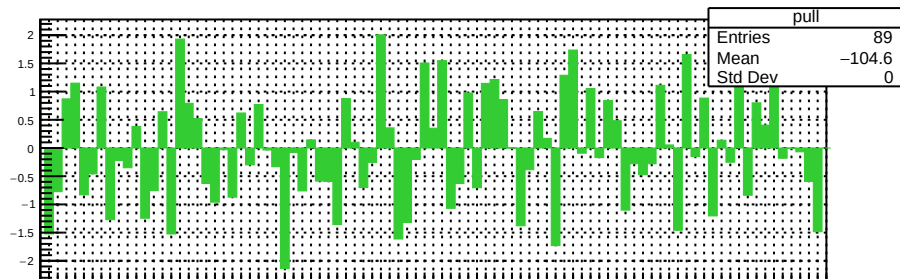
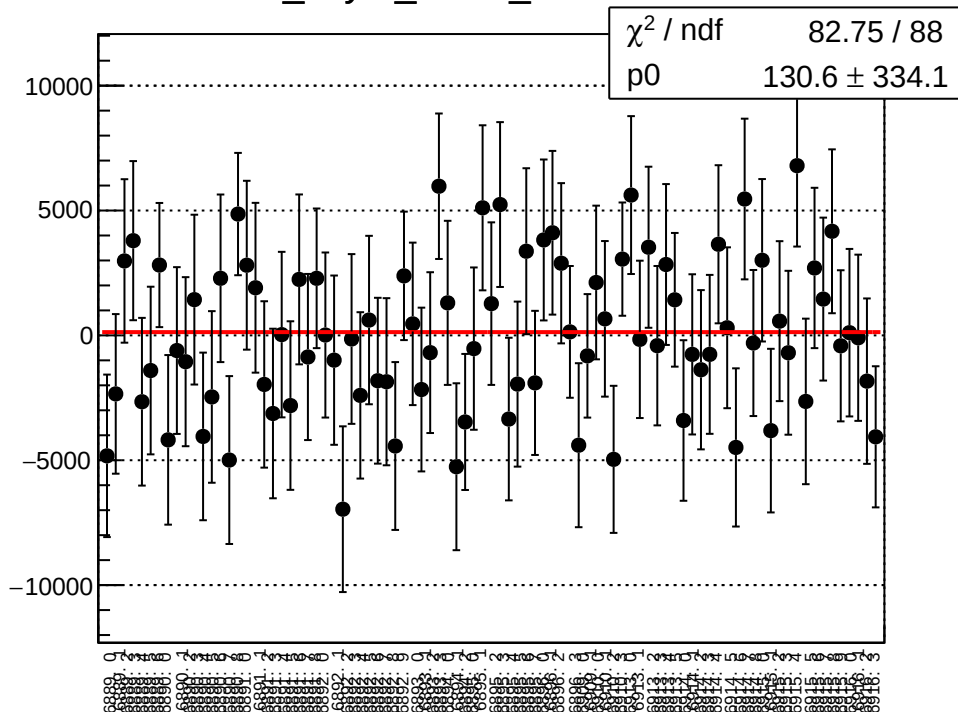
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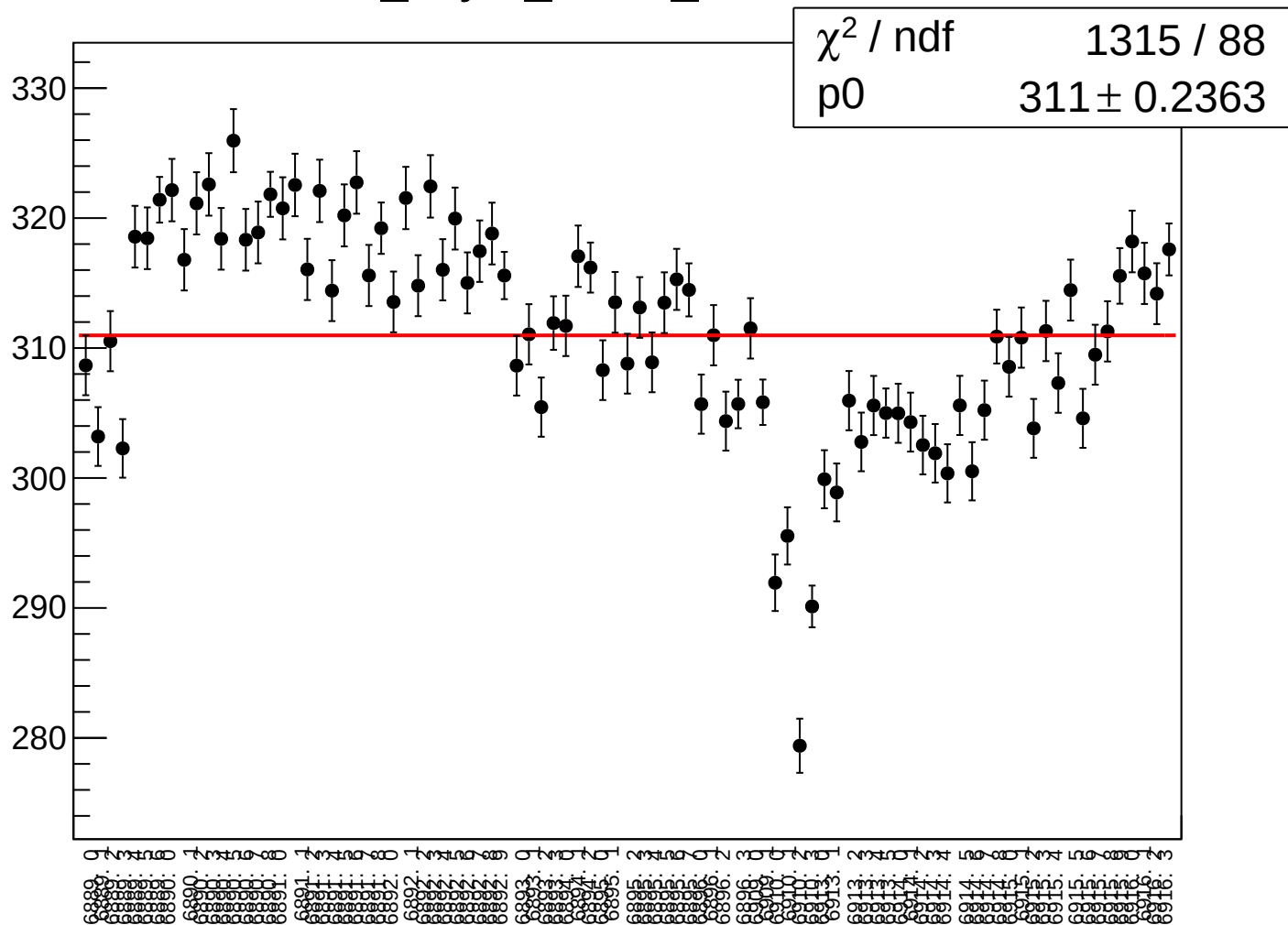
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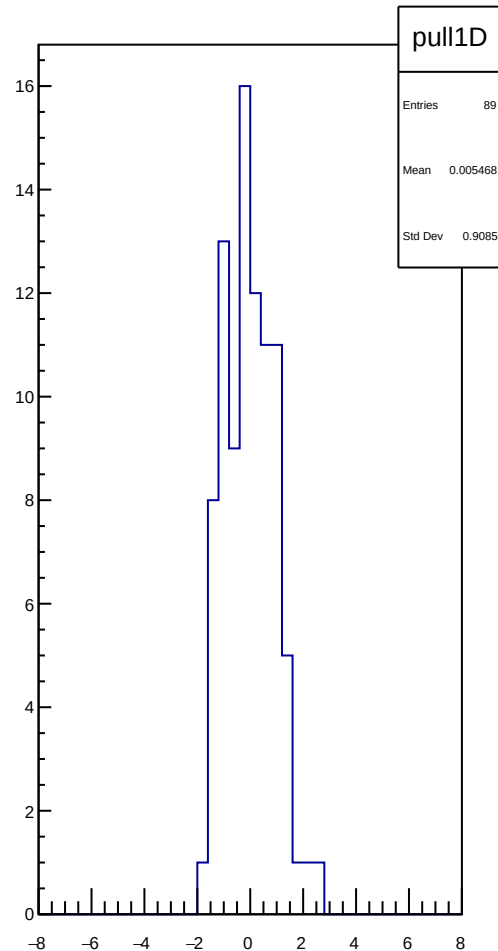
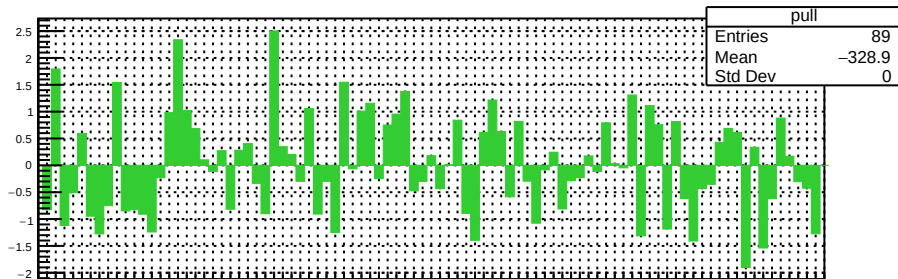
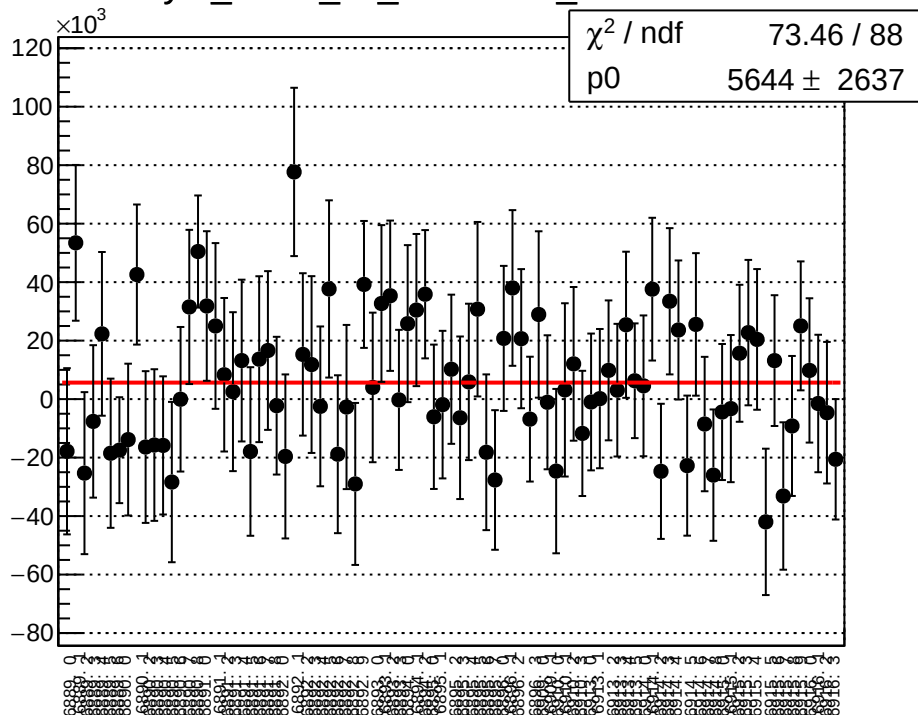
dit_asym_sam2_mean vs run



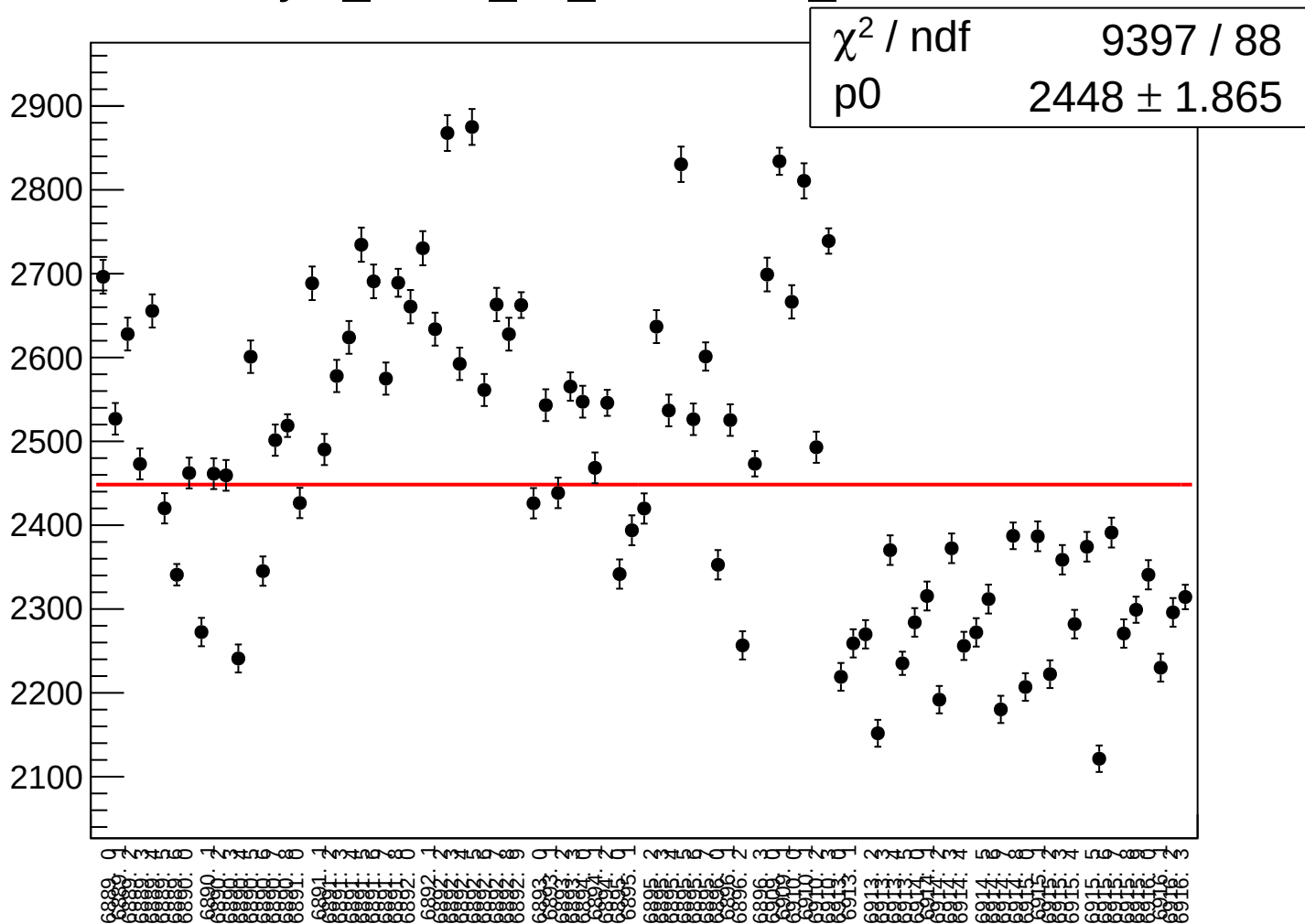
dit_asym_sam2_rms vs run



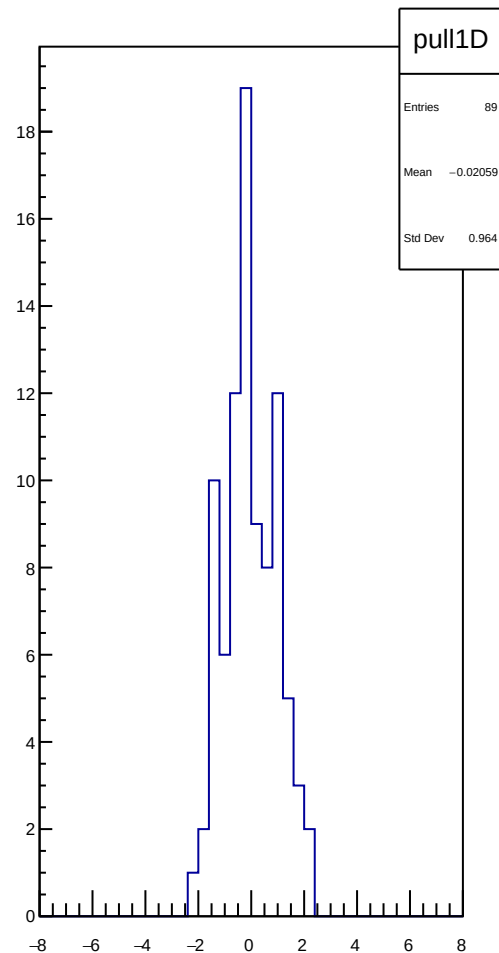
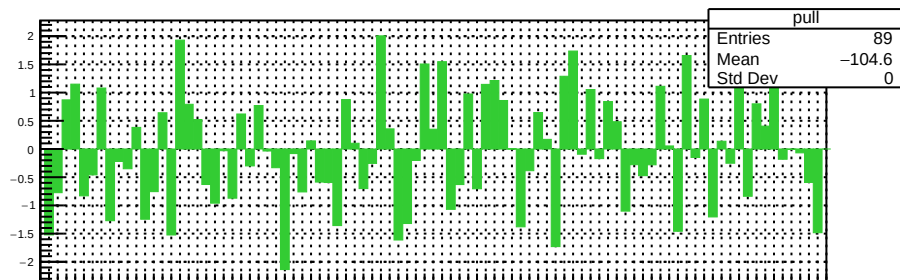
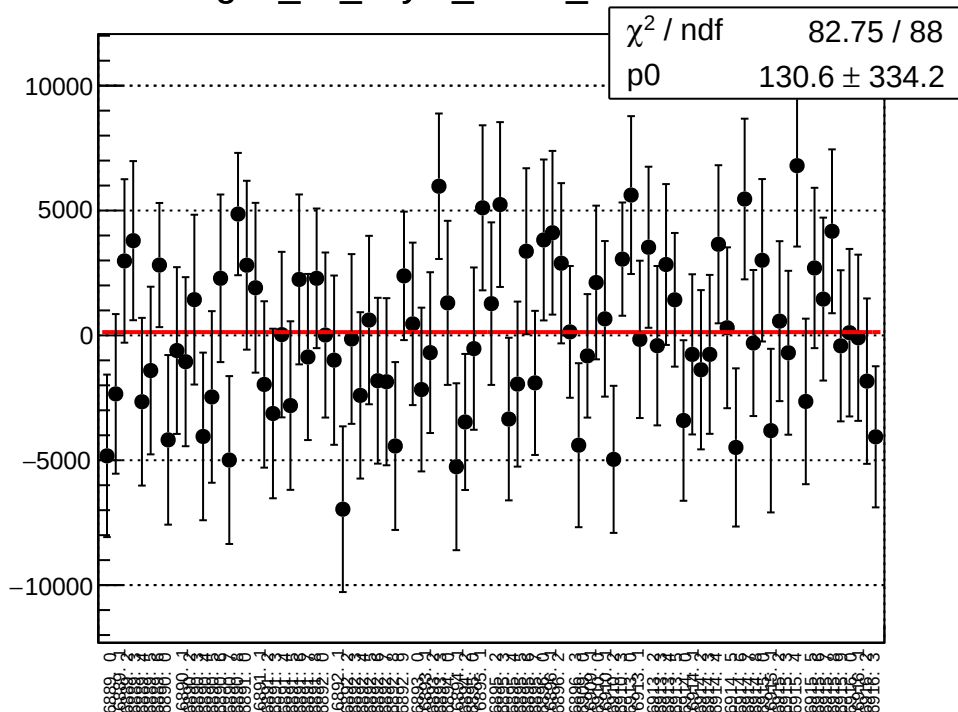
asym_sam2_dit_correction_mean vs run



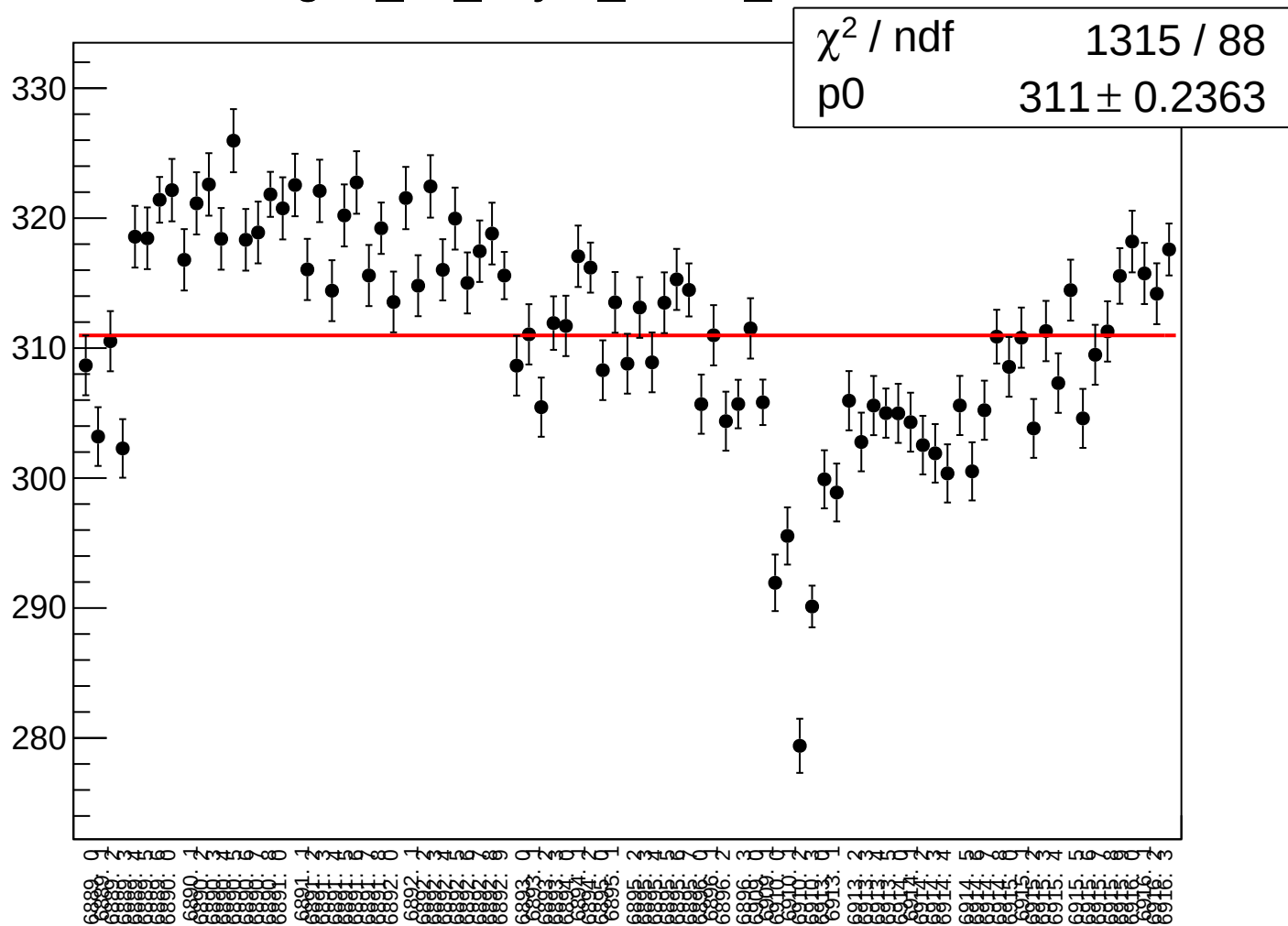
asym_sam2_dit_correction_rms vs run



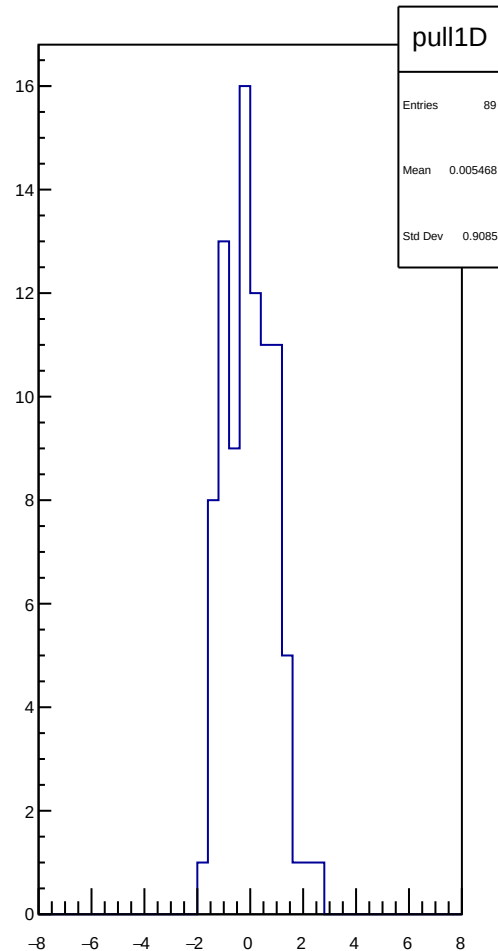
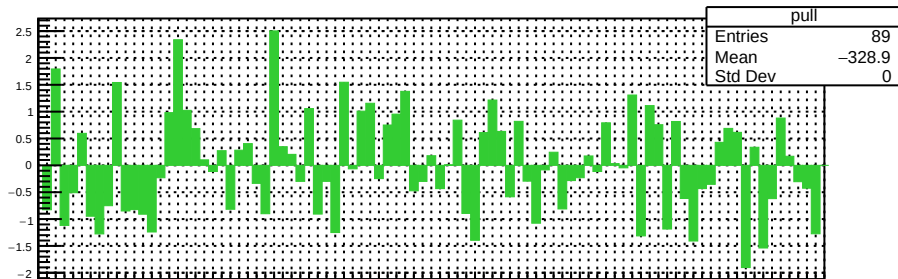
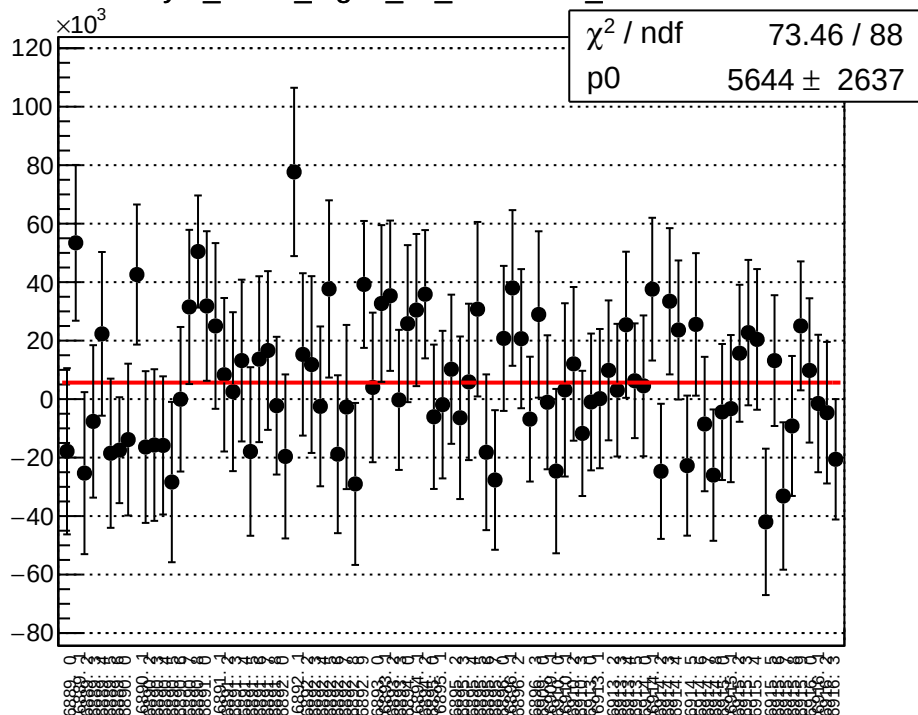
eigen_dit_asym_sam2_mean vs run



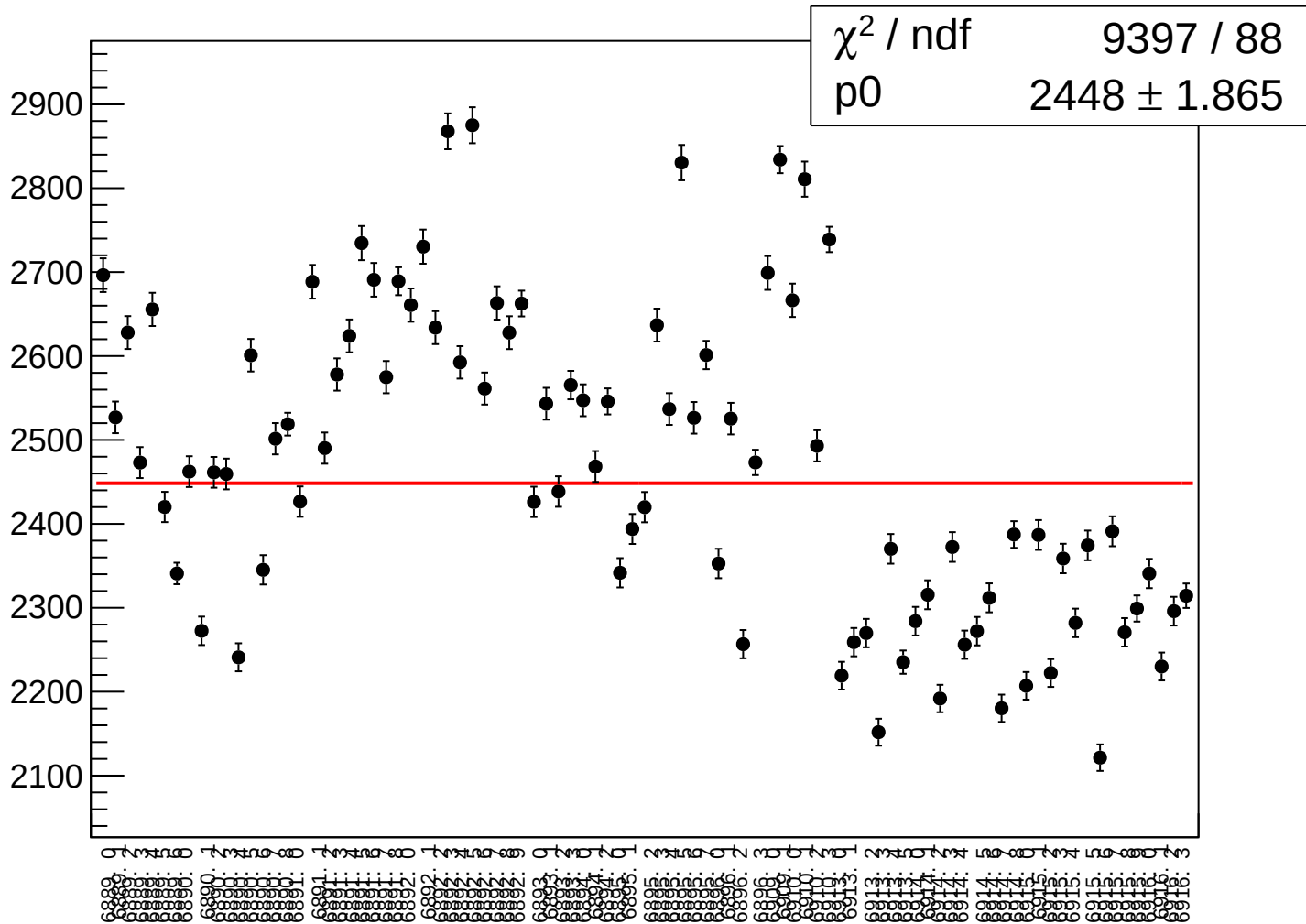
eigen_dit_asym_sam2_rms vs run



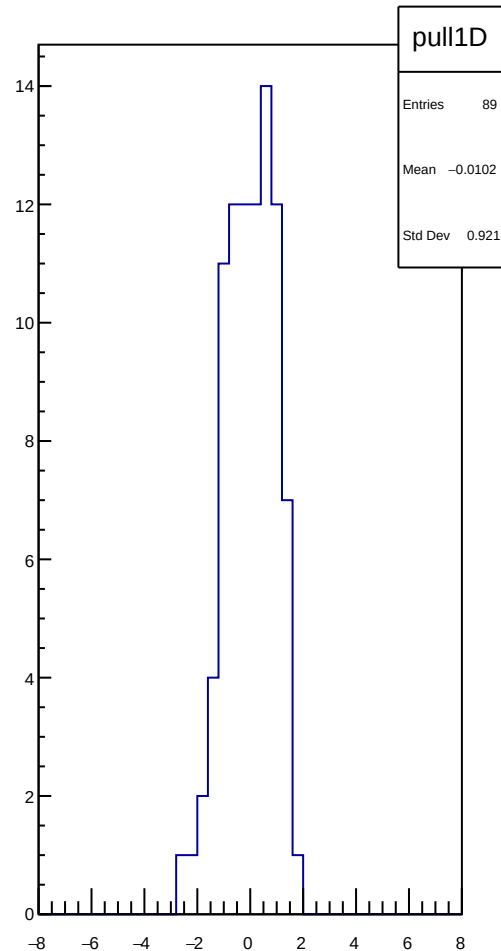
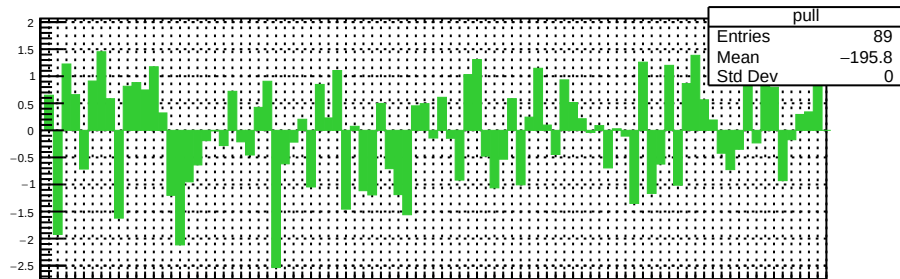
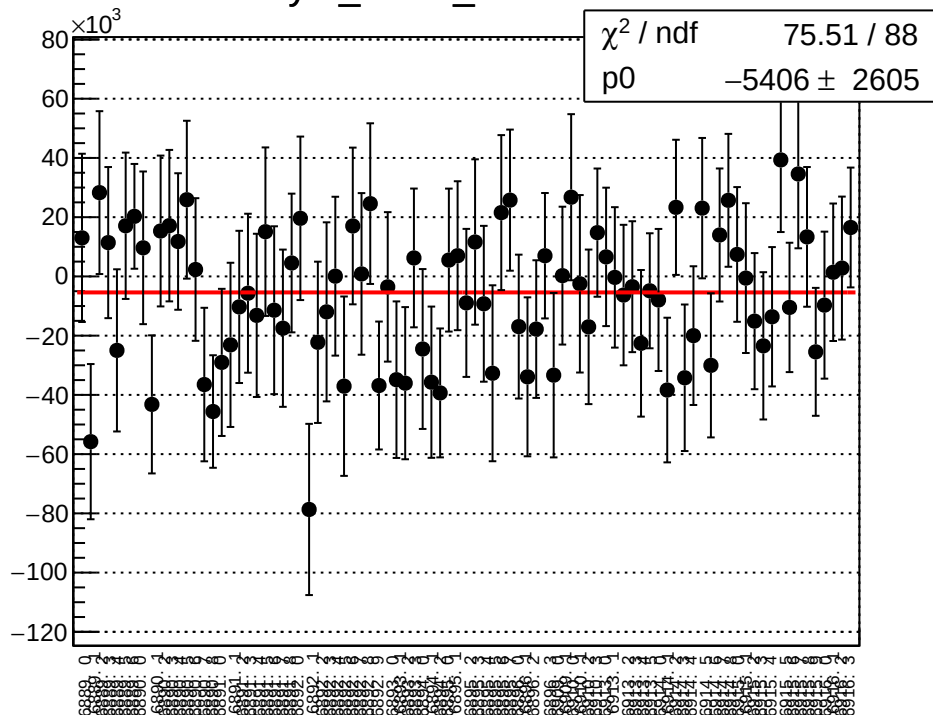
asym_sam2_eigen_dit_correction_mean vs run



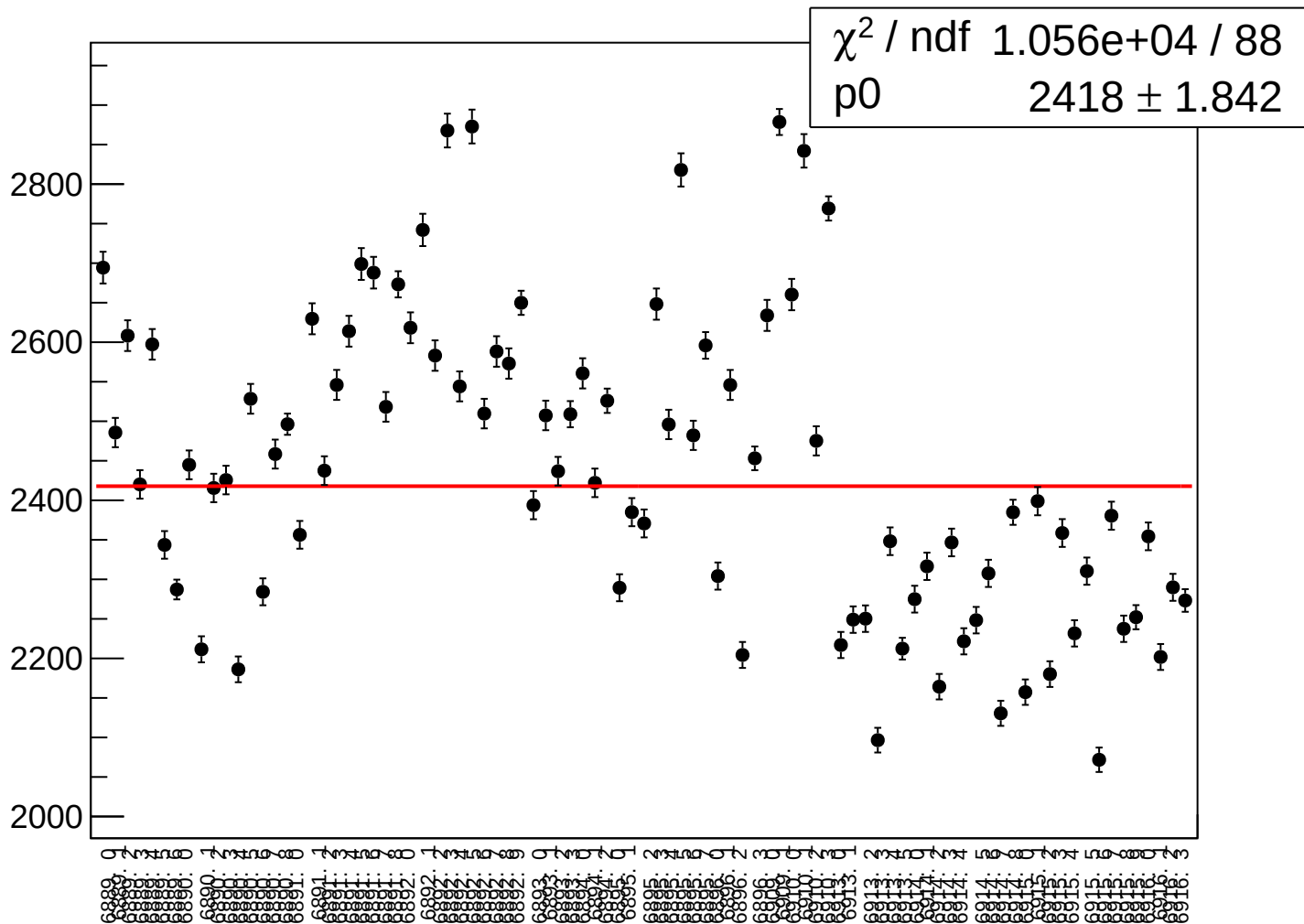
asym_sam2_eigen_dit_correction_rms vs run



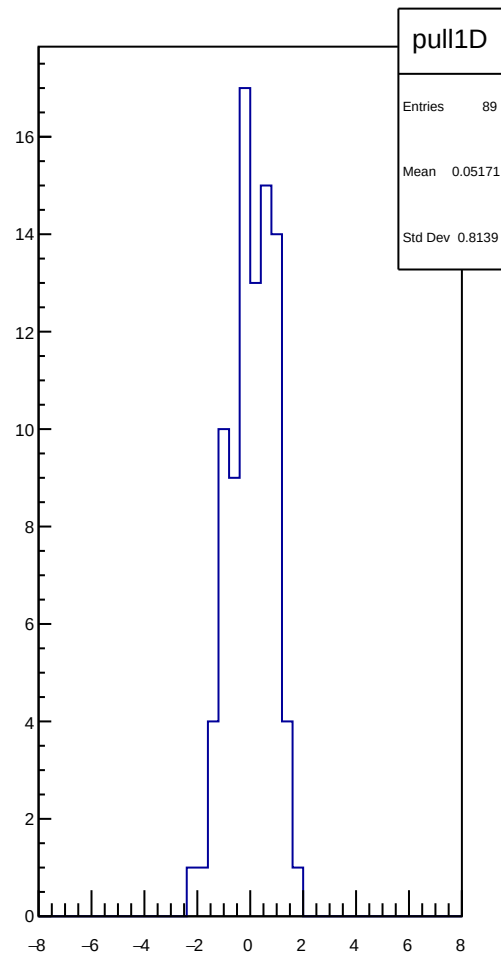
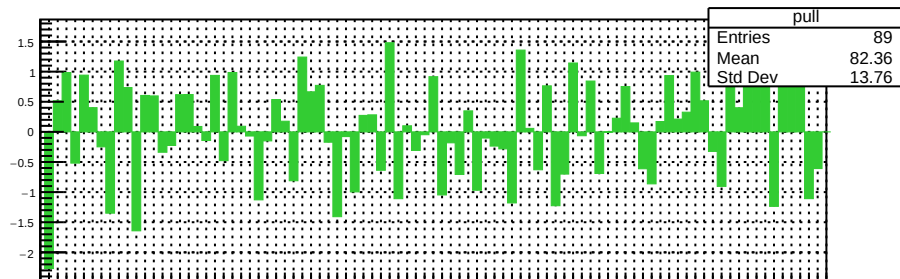
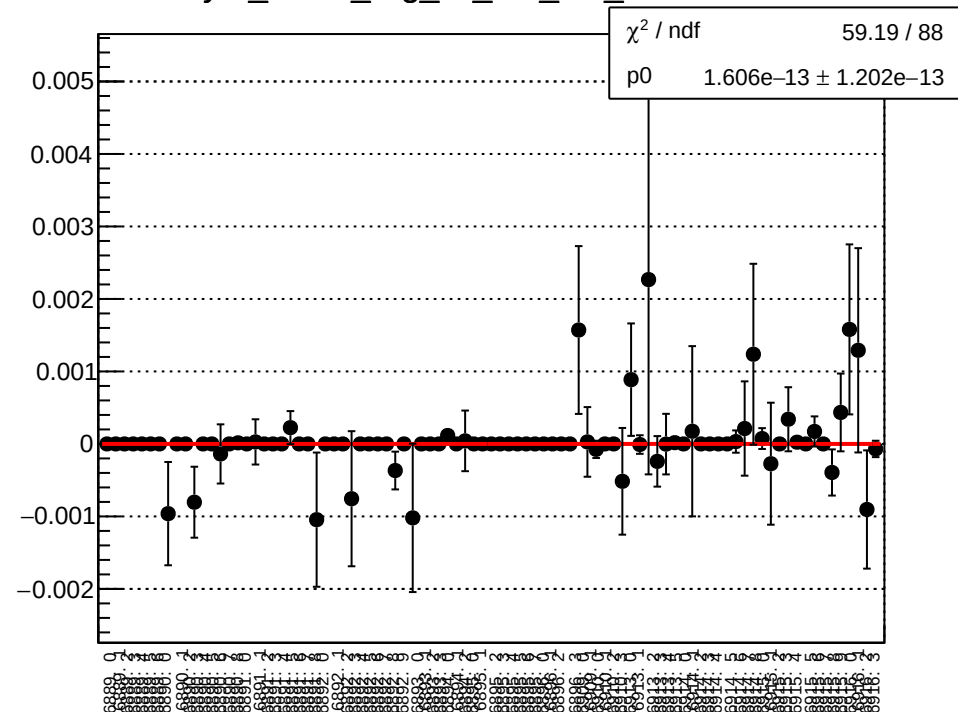
asym_sam2_mean vs run



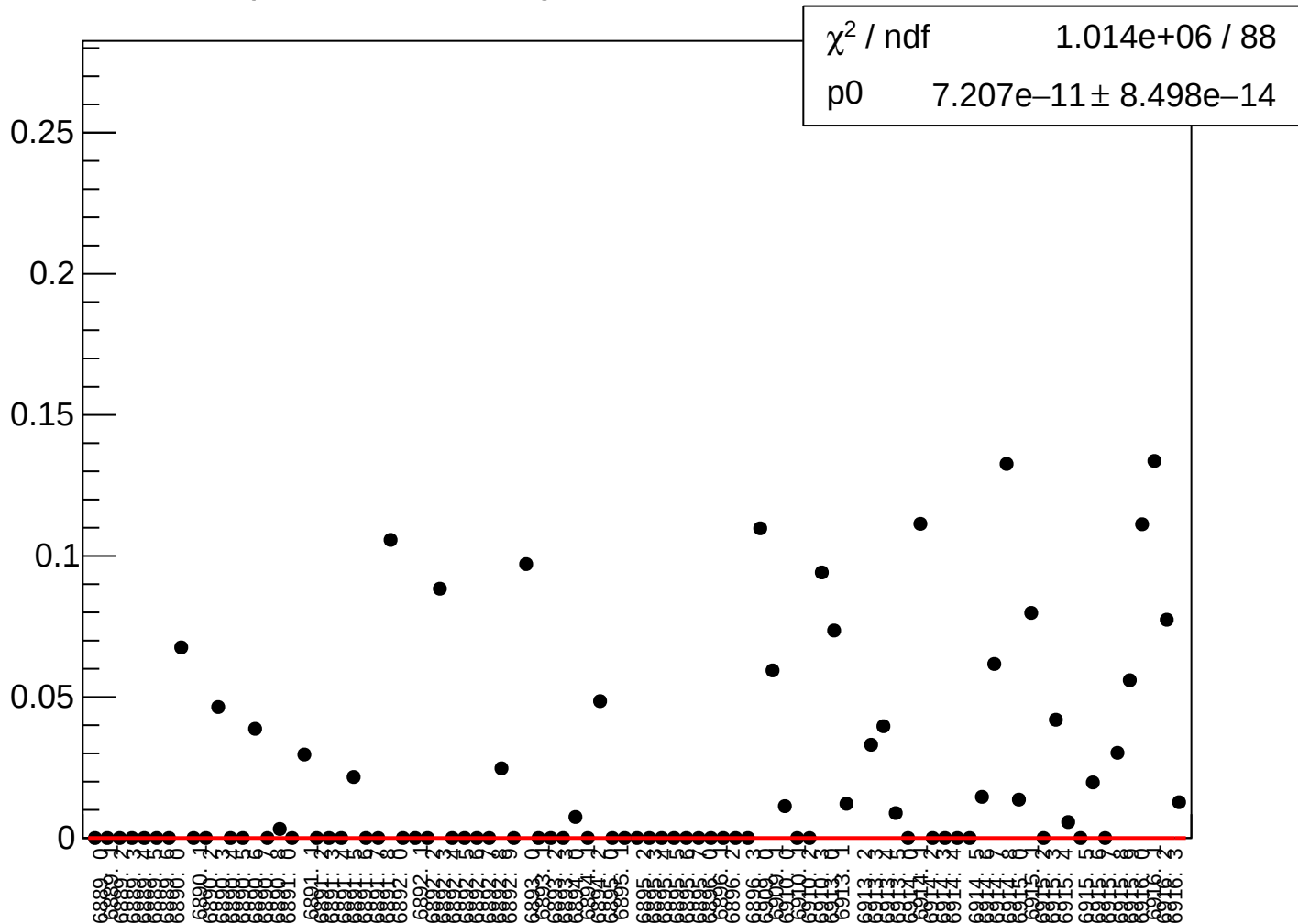
asym_sam2_rms vs run



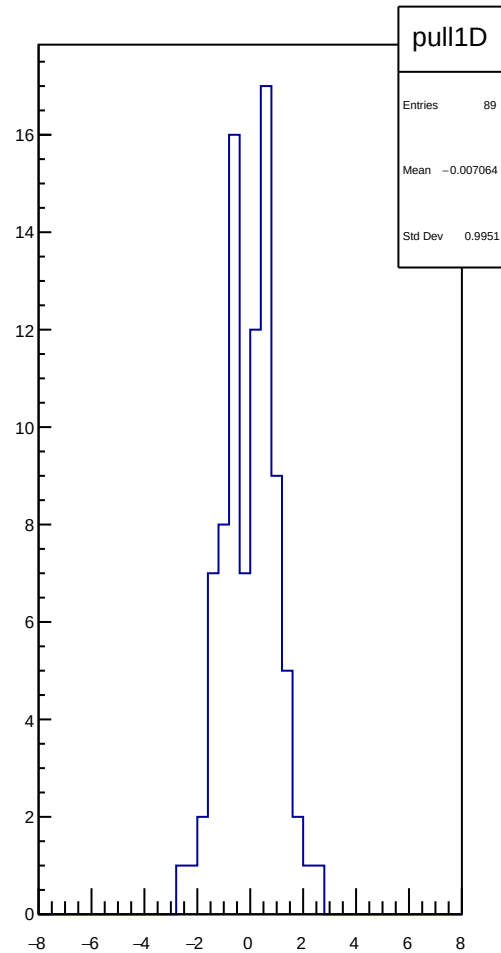
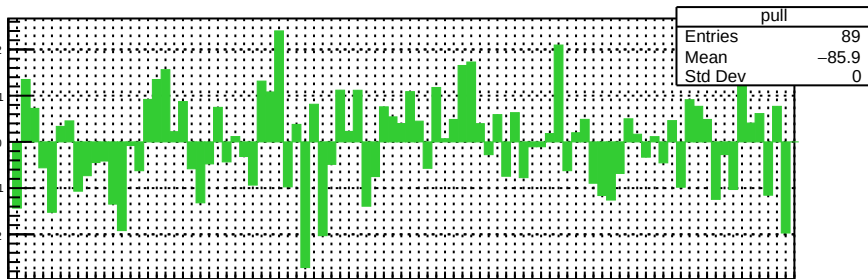
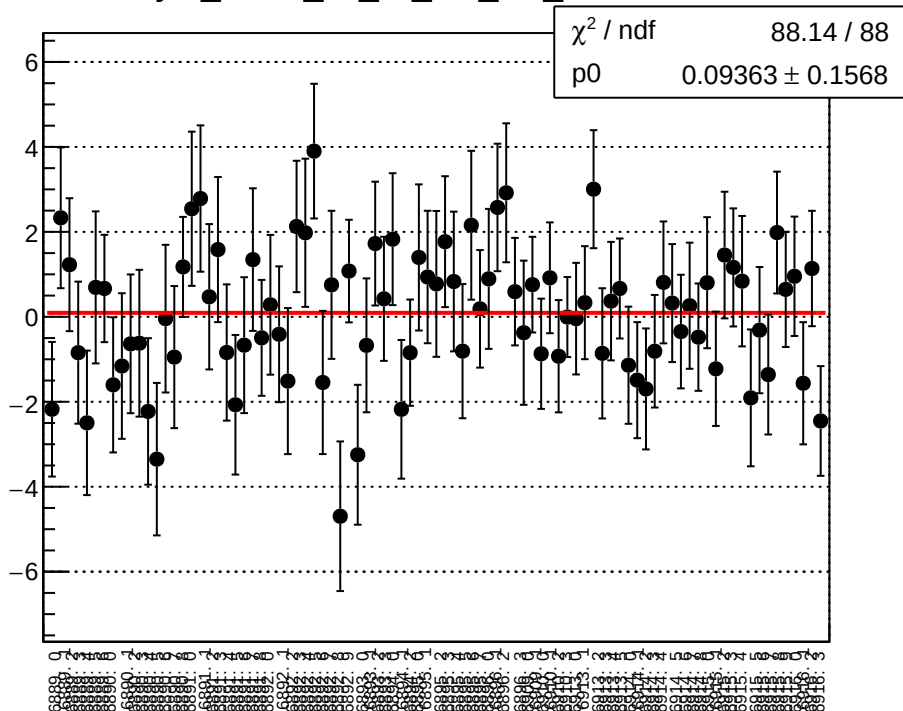
asym_sam2_reg_vs_cor_diff_mean vs run



asym_sam2_reg_vs_cor_diff_rms vs run

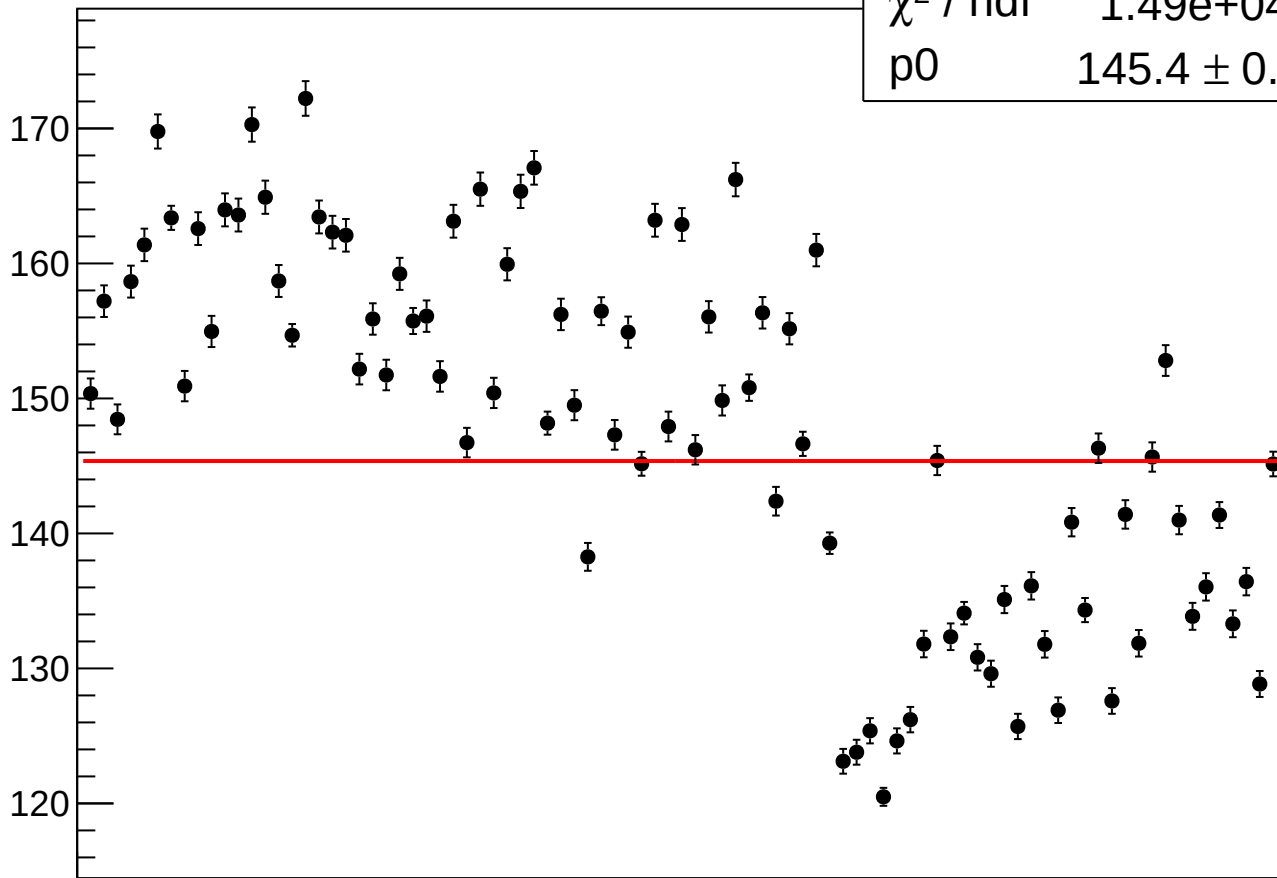


asym_sam2_dit_vs_cor_diff_mean vs run



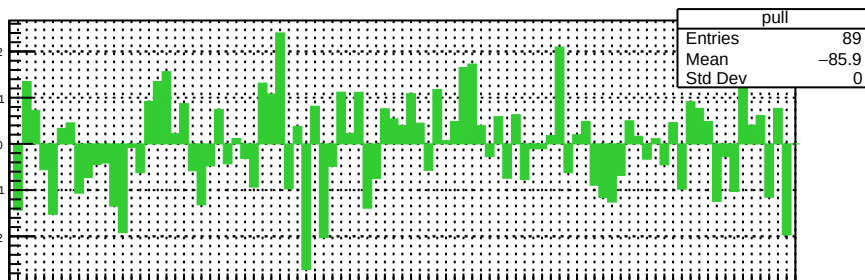
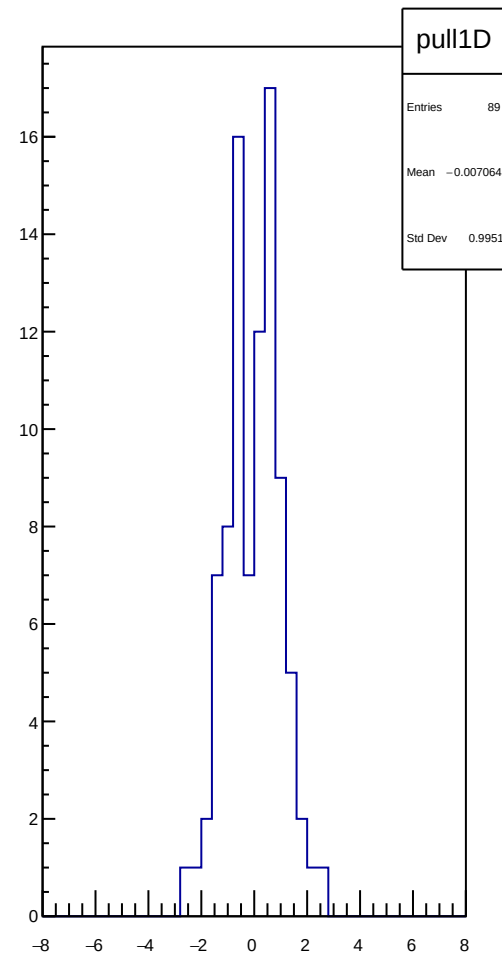
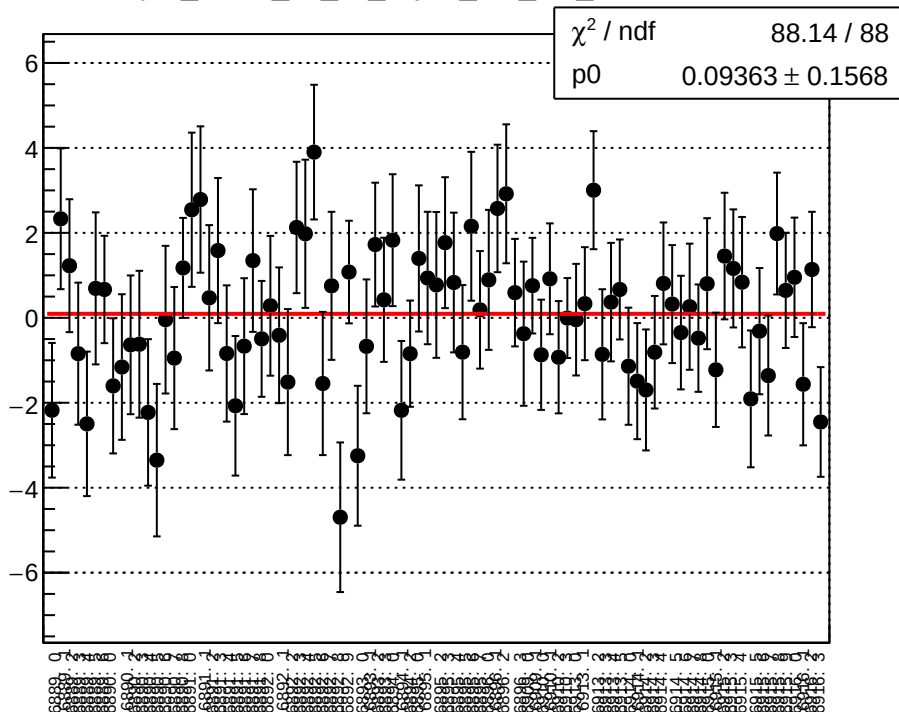
asym_sam2_dit_vs_cor_diff_rms vs run

χ^2 / ndf 1.49e+04 / 88
p0 145.4 $\pm$ 0.1109

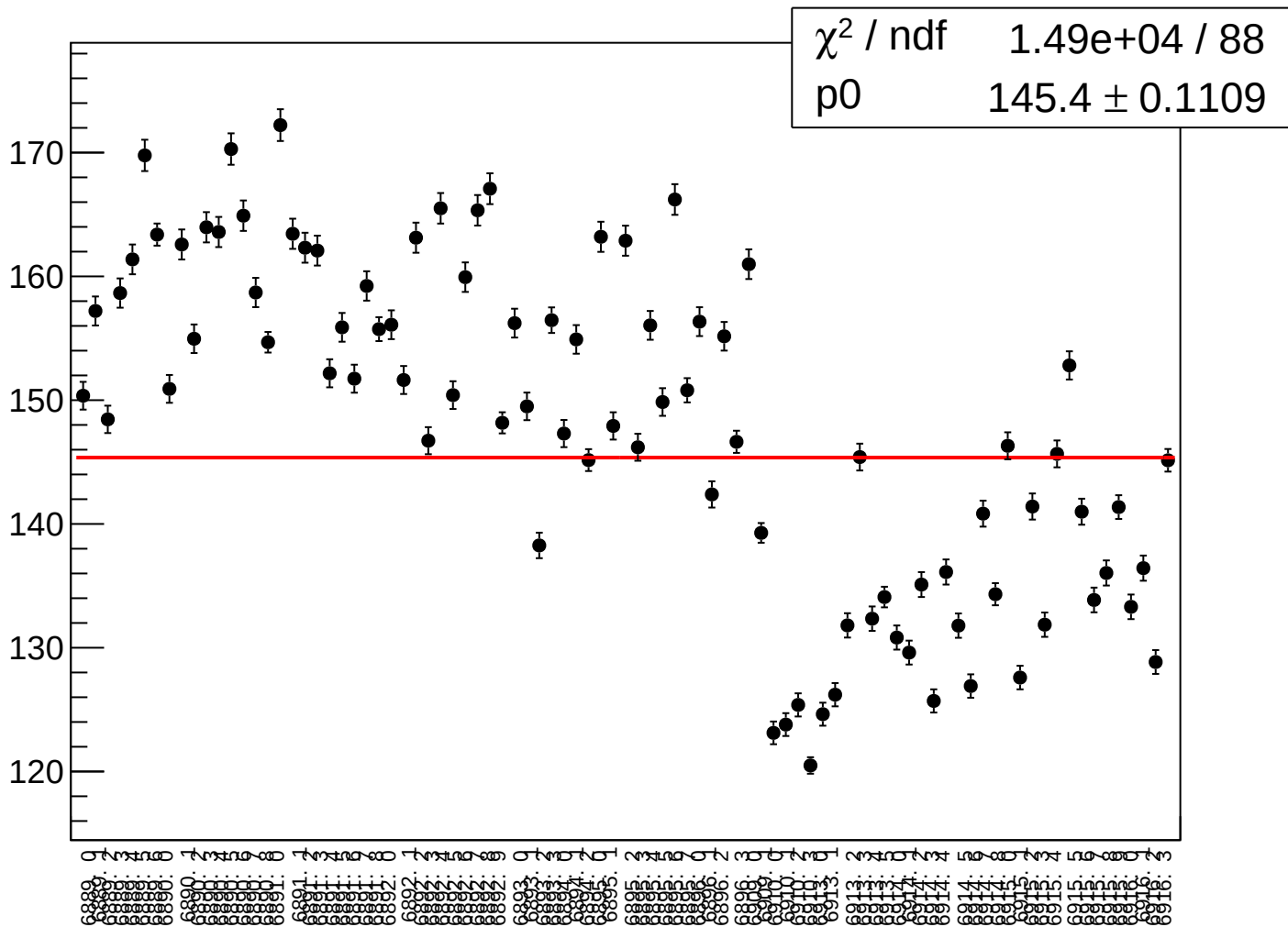


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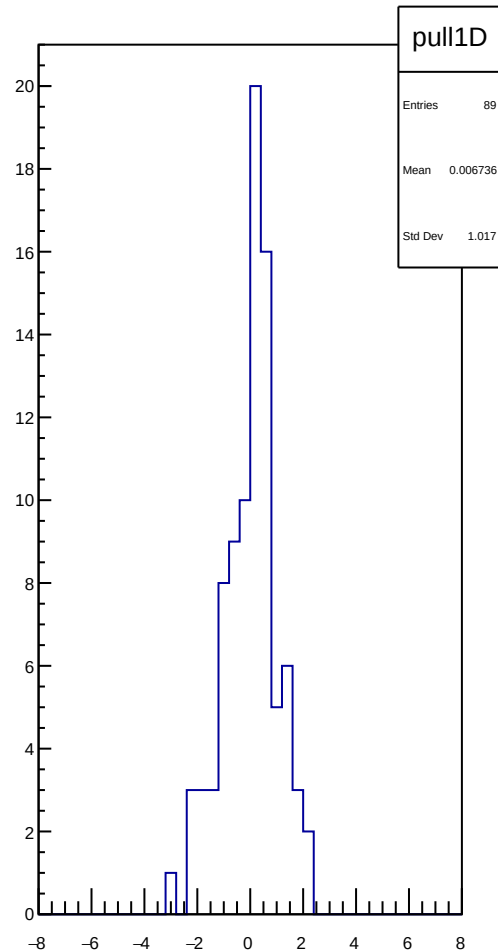
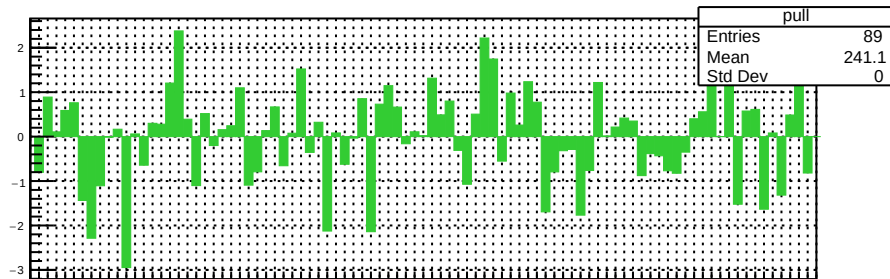
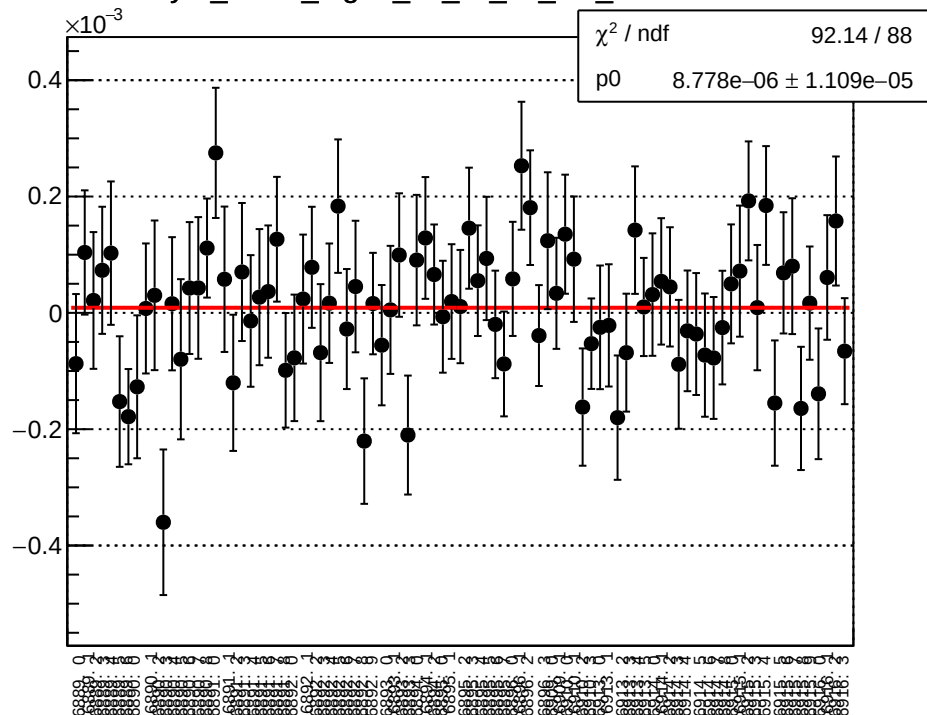
asym_sam2_dit_vs_eigen_cor_diff_mean vs run



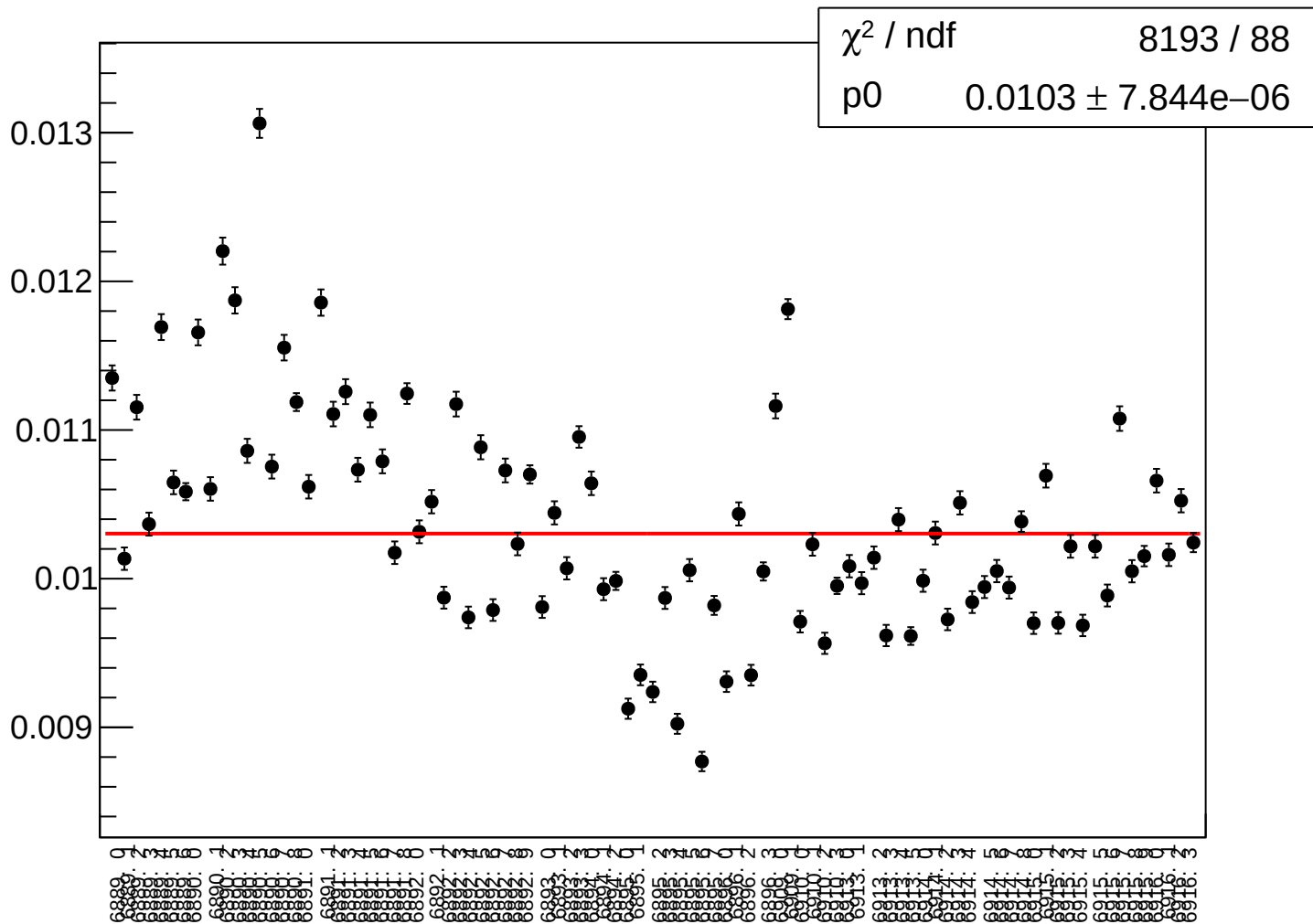
asym_sam2_dit_vs_eigen_cor_diff_rms vs run



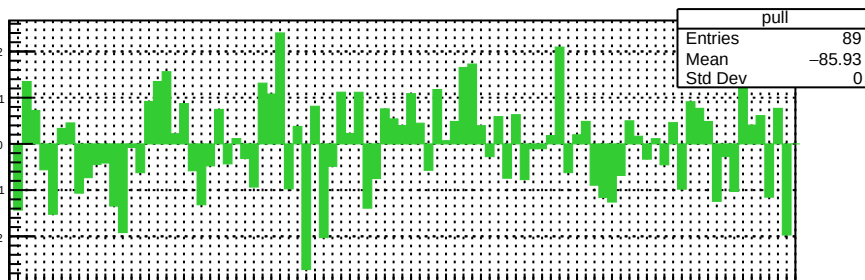
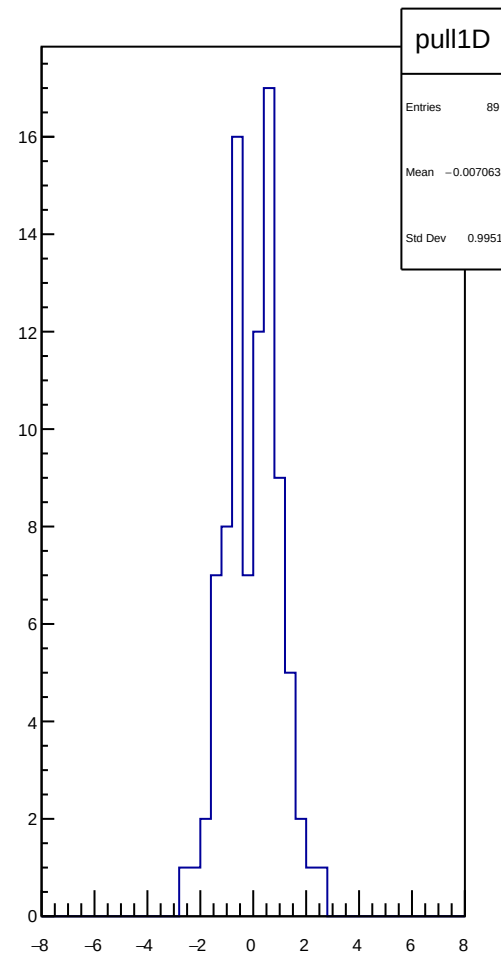
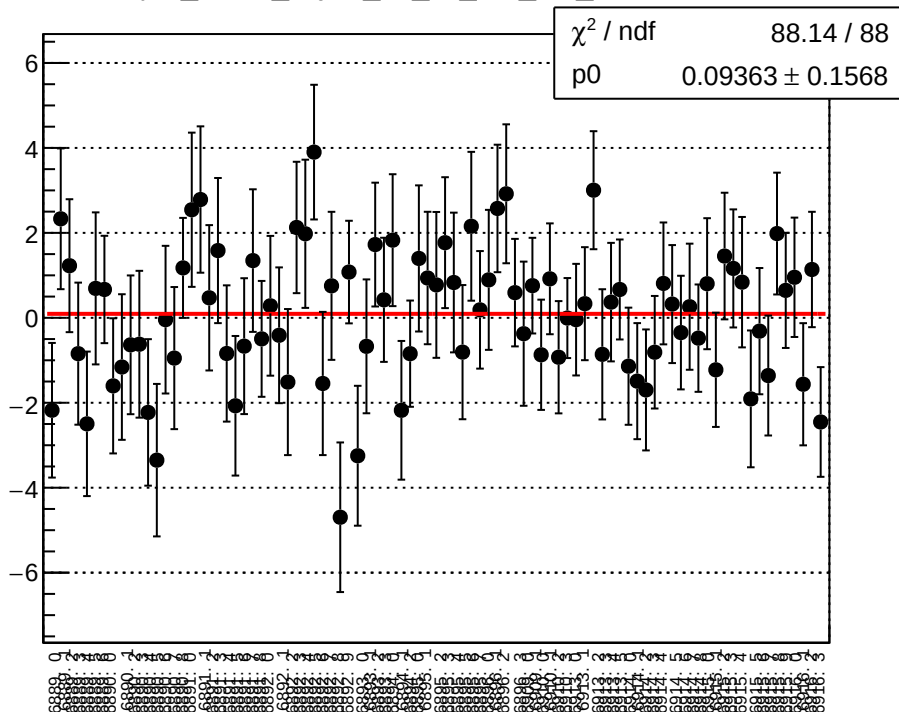
asym_sam2_eigen_dit_vs_dit_diff_mean vs run



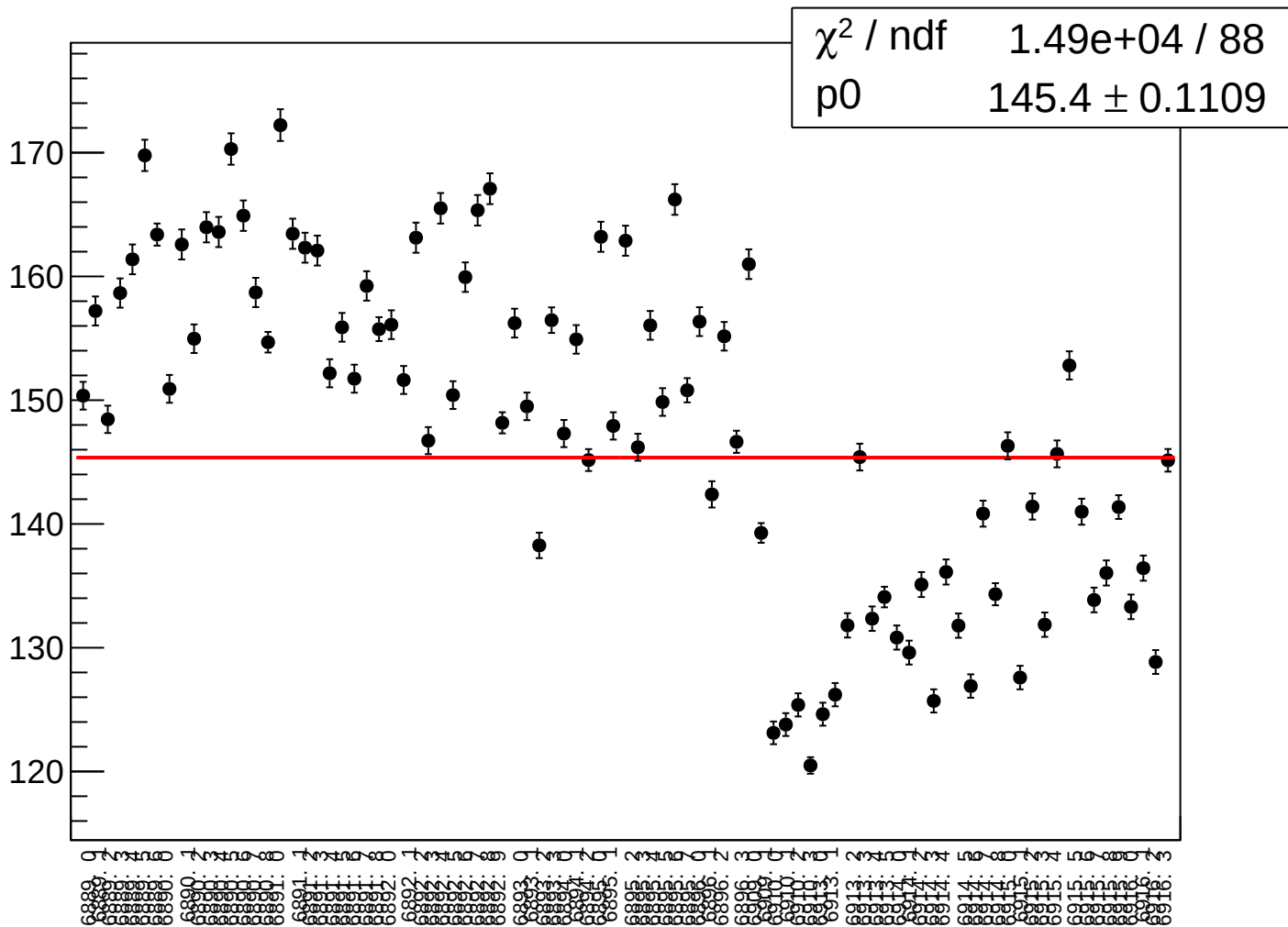
asym_sam2_eigen_dit_vs_dit_diff_rms vs run



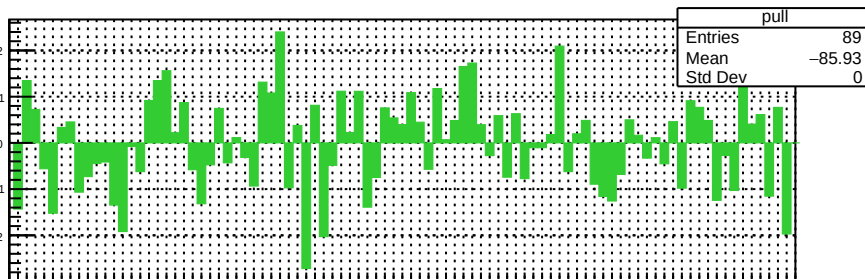
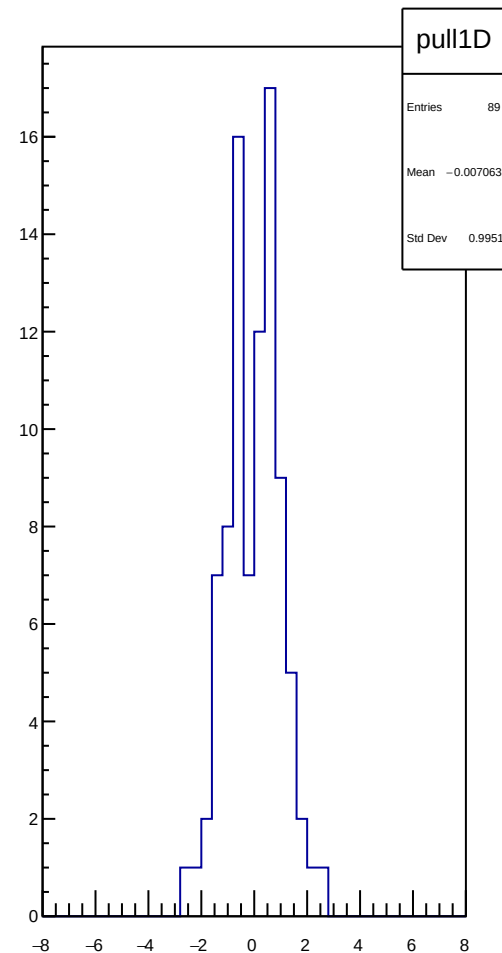
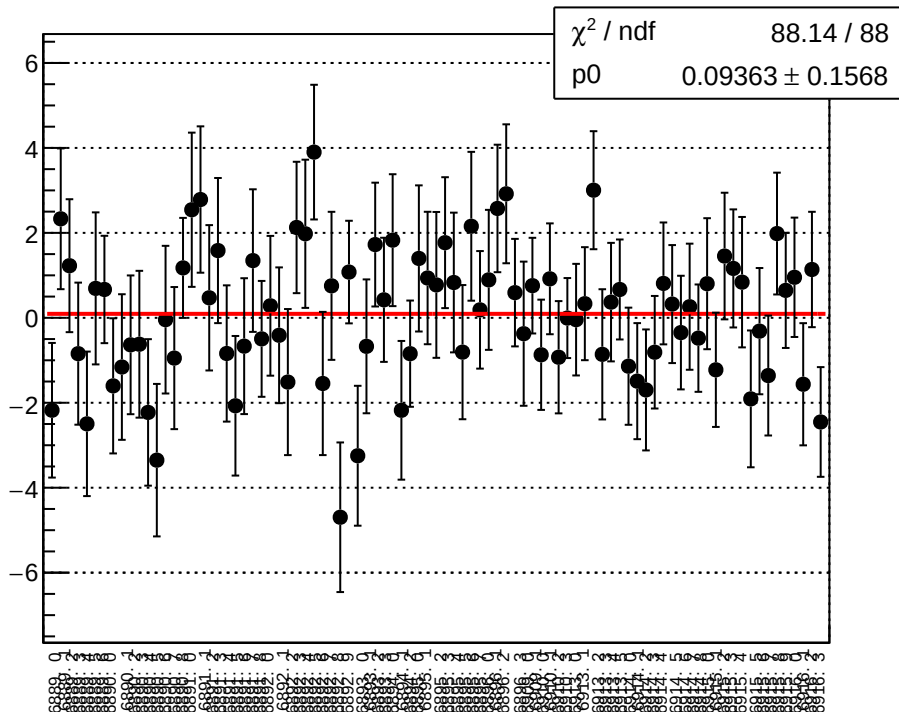
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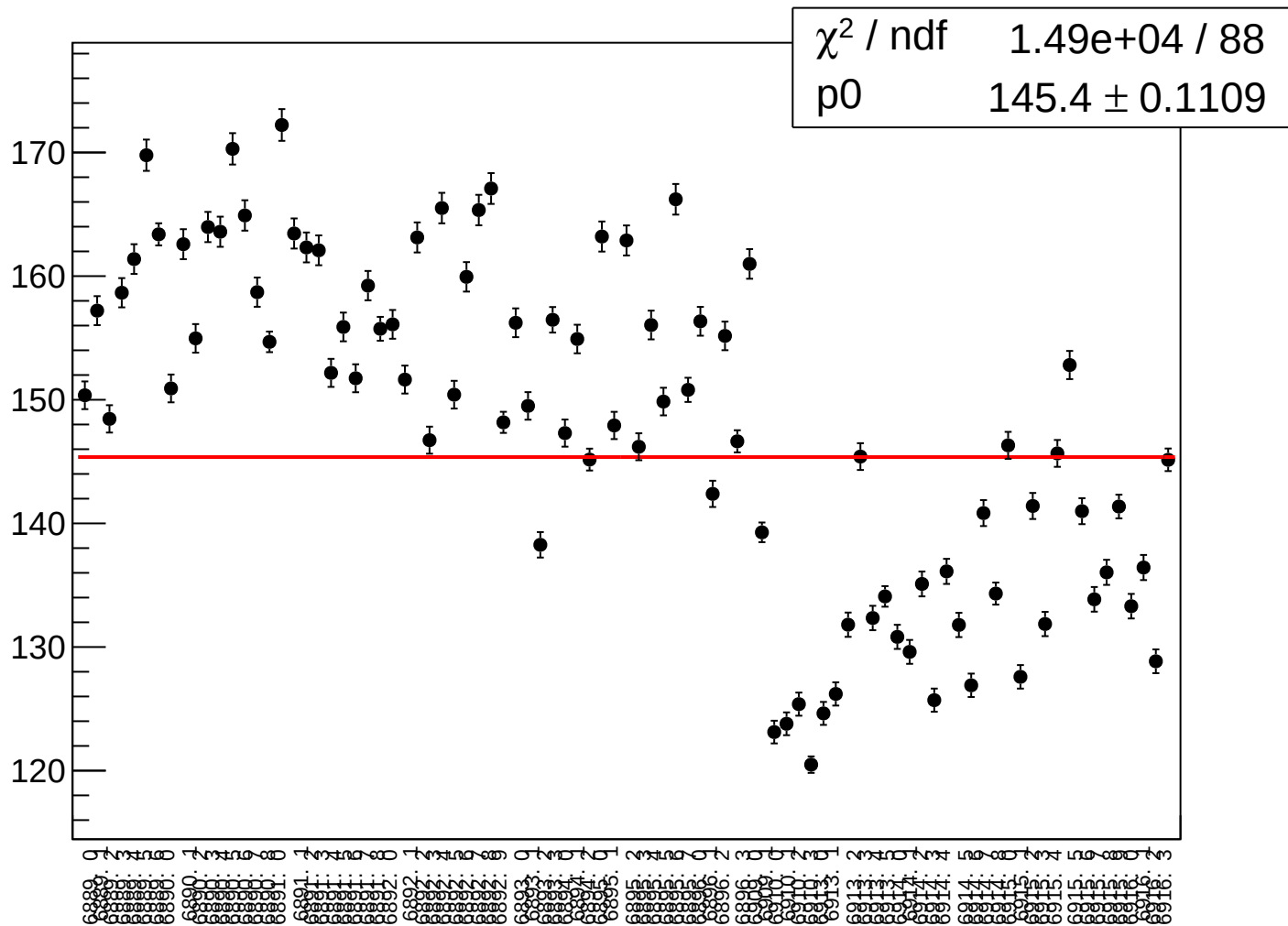
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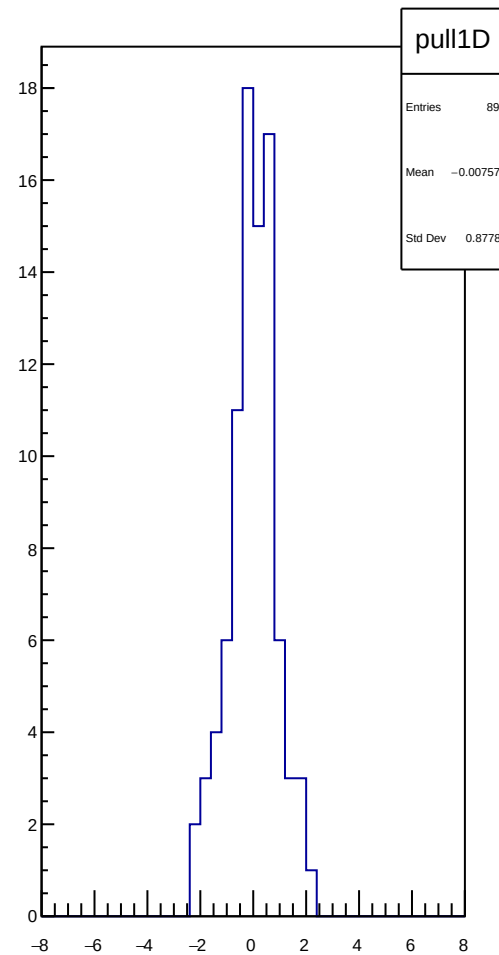
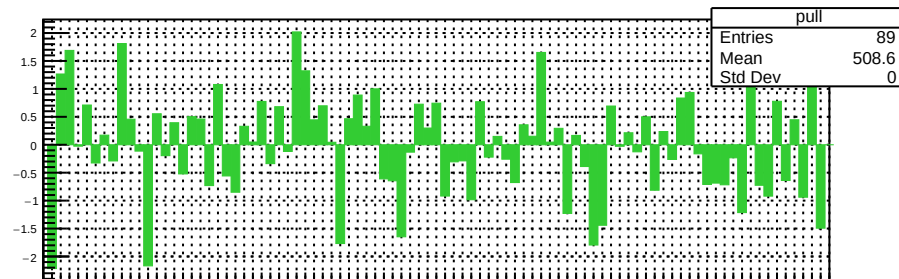
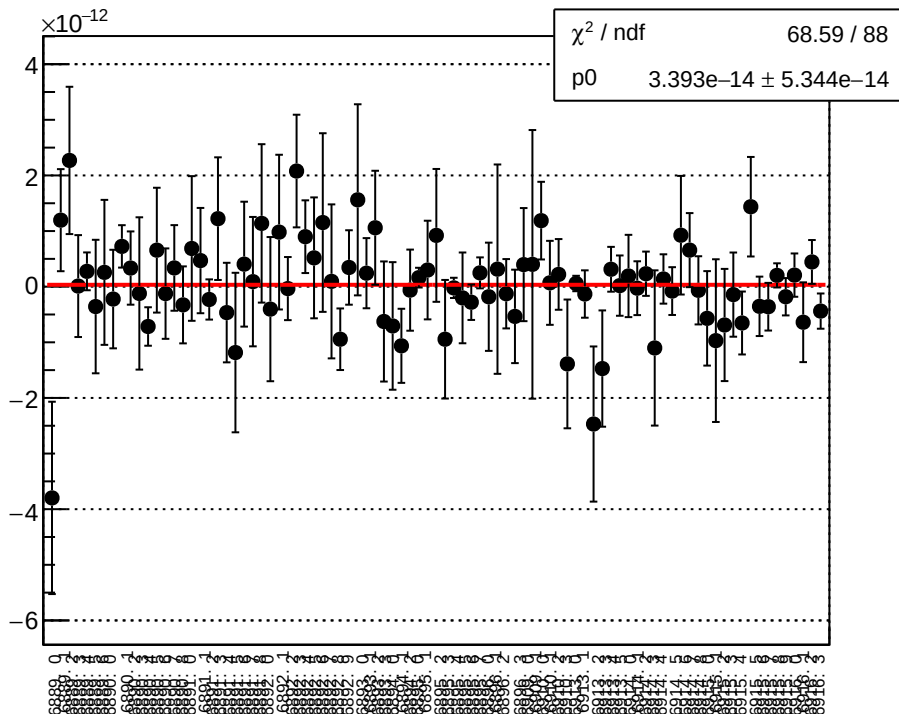
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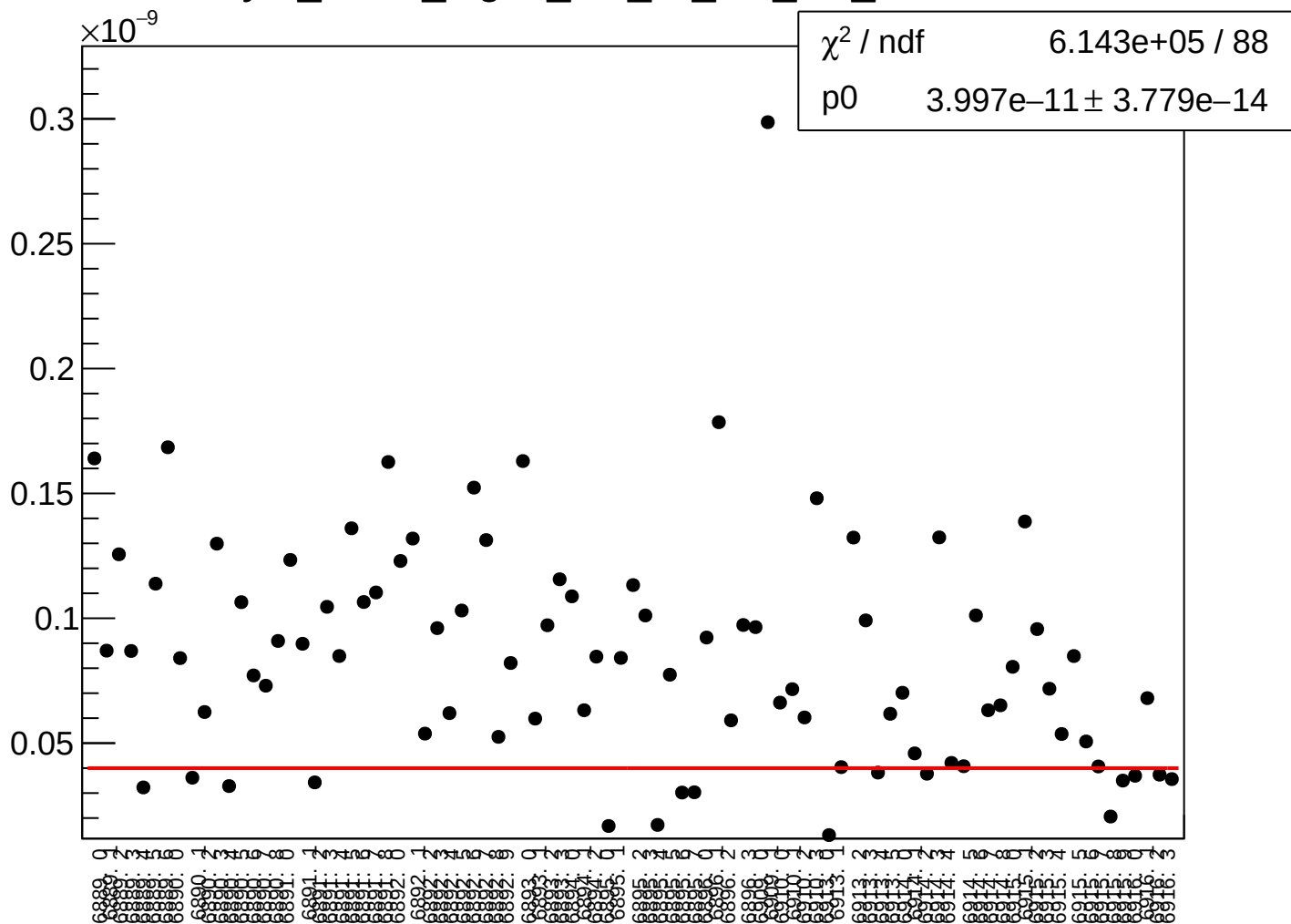
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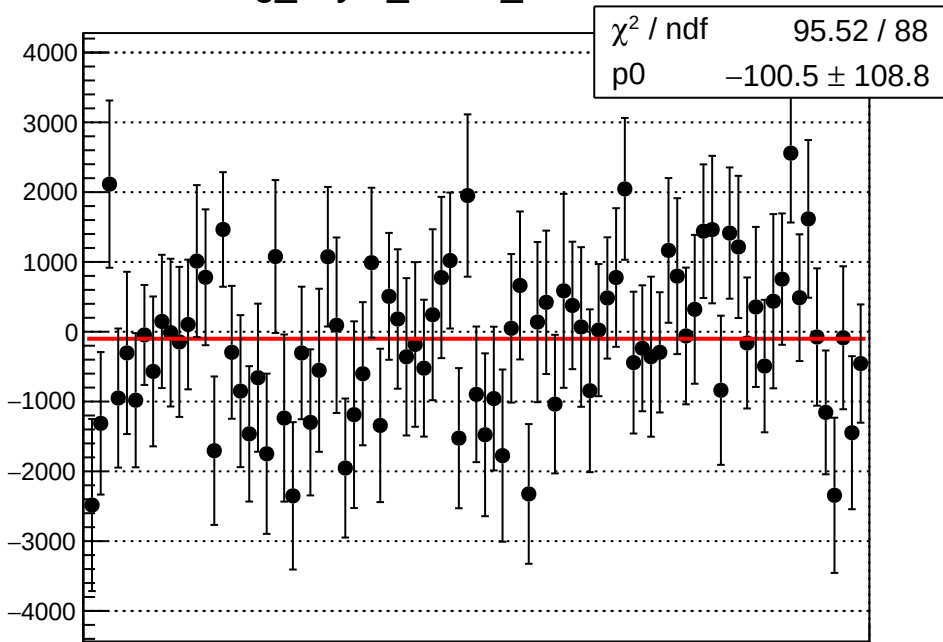
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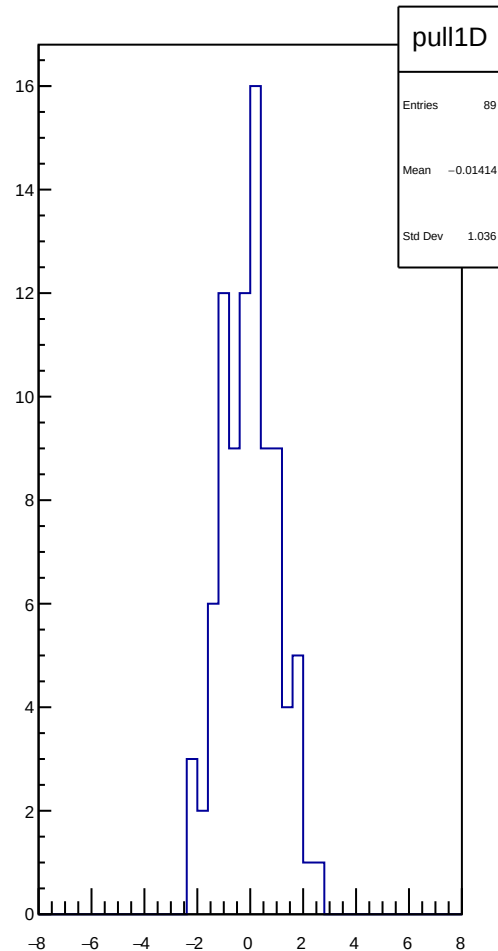
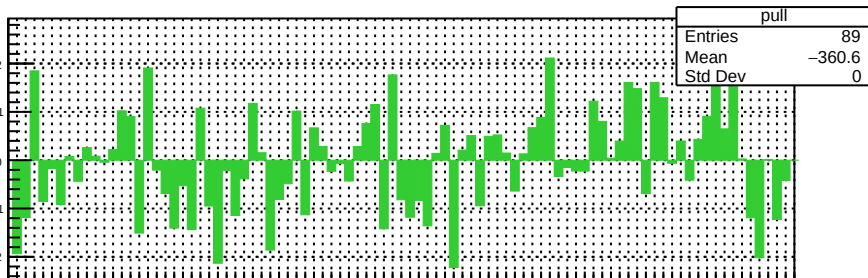
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reg_asym_sam3_mean vs run

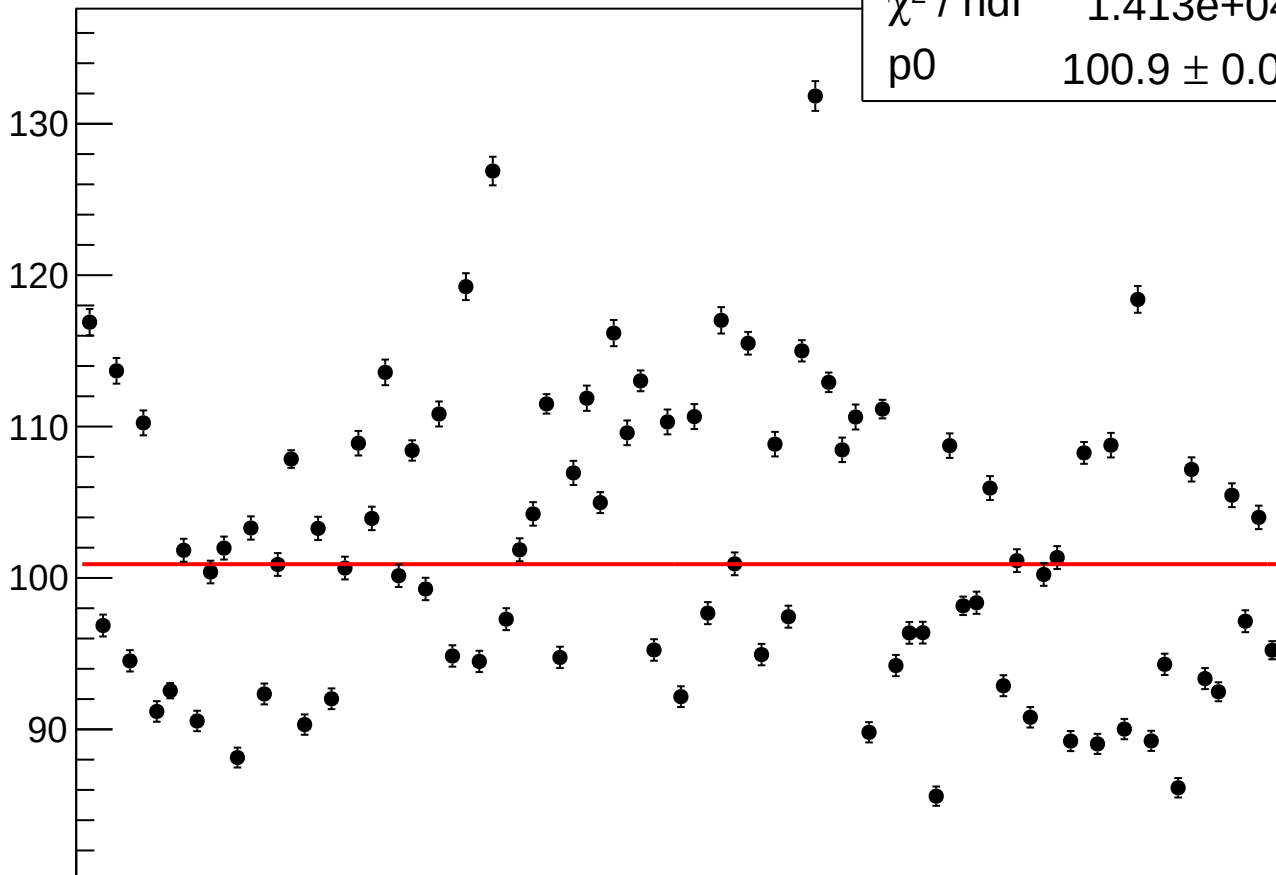


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reg_asym_sam3_rms vs run

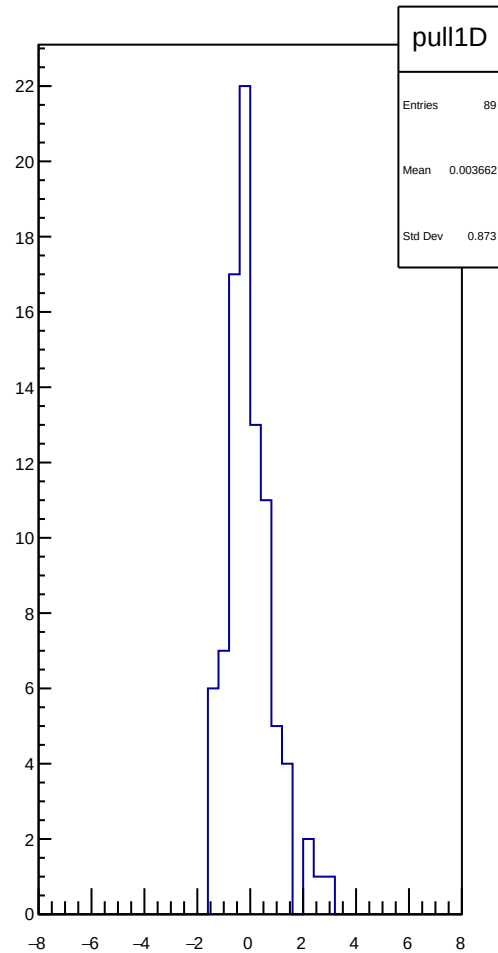
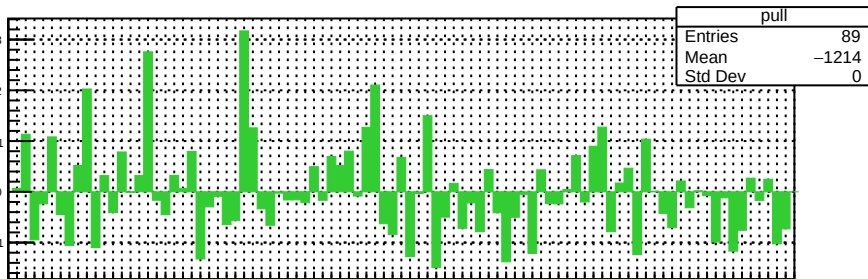
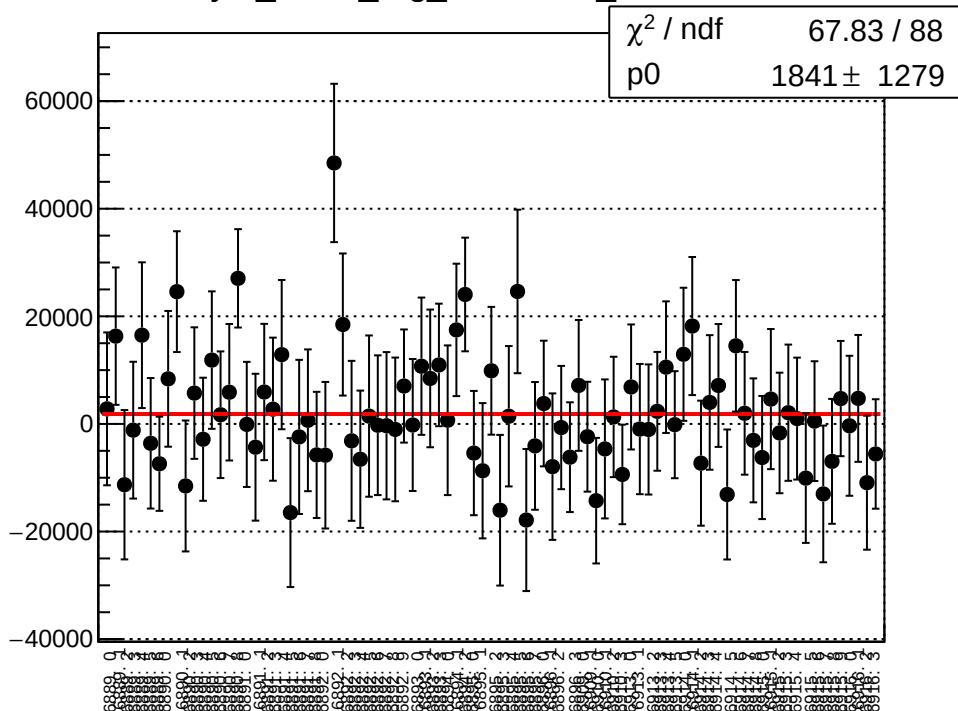
χ^2 / ndf 1.413e+04 / 88
p0 100.9 $\pm$ 0.07696



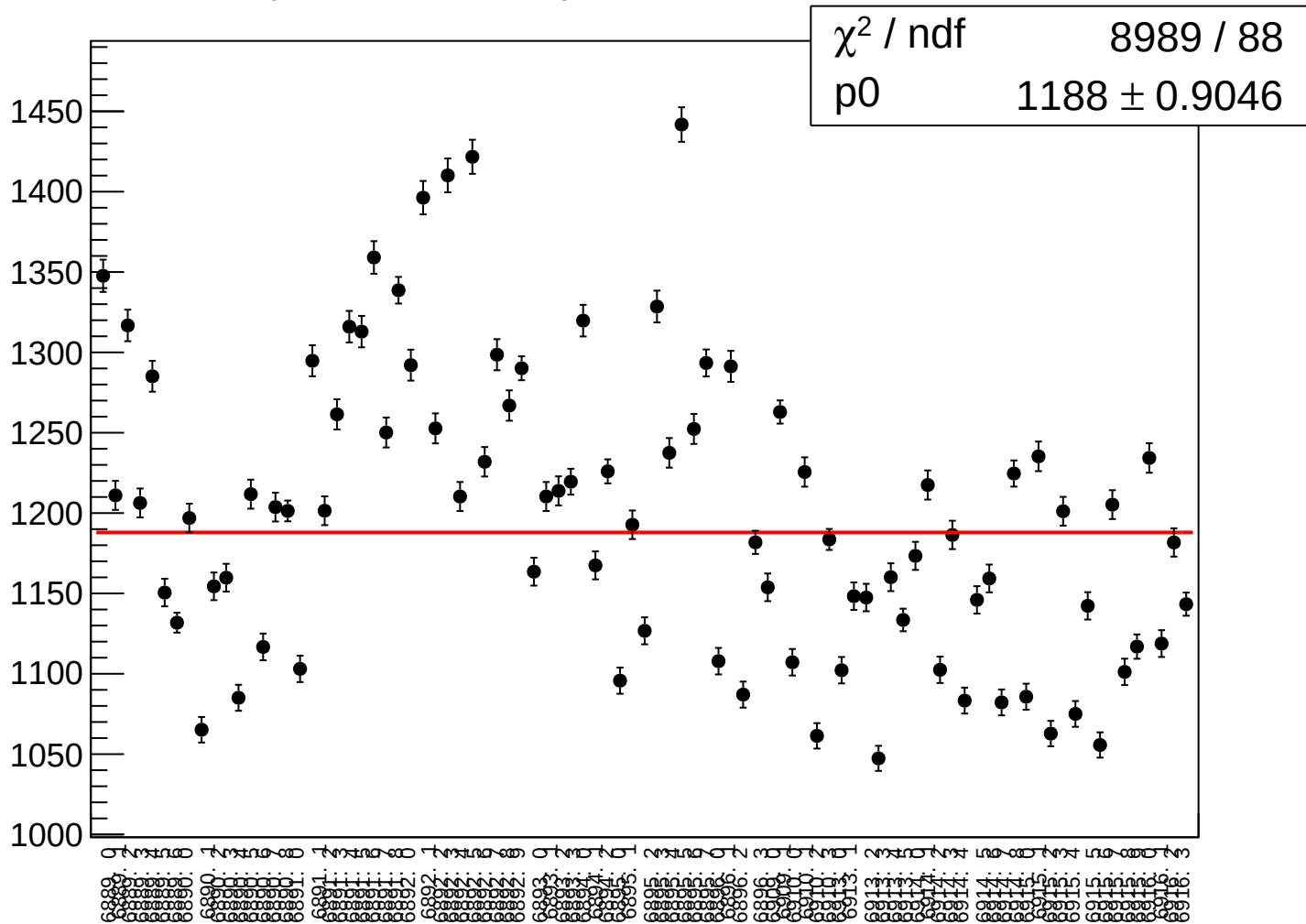
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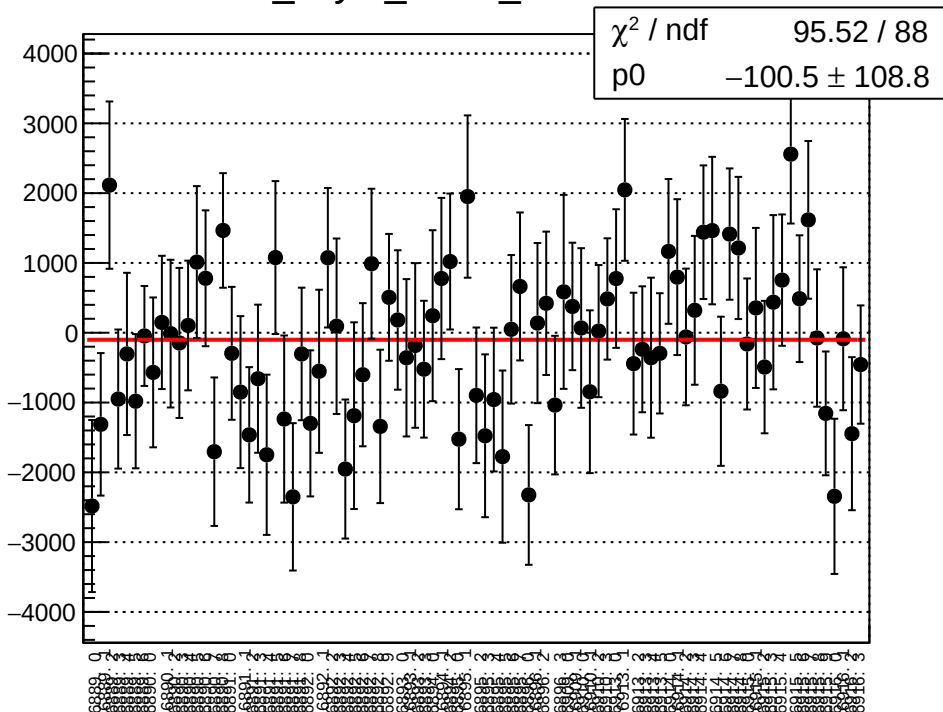
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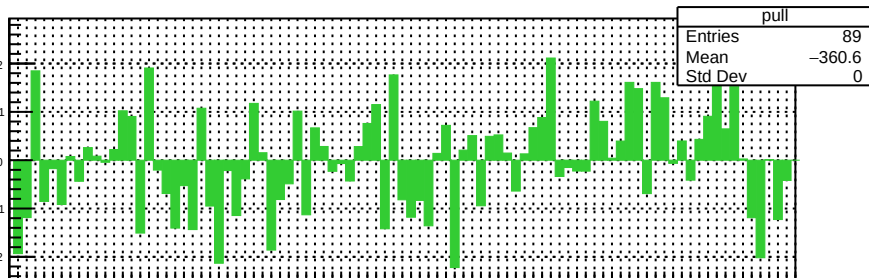
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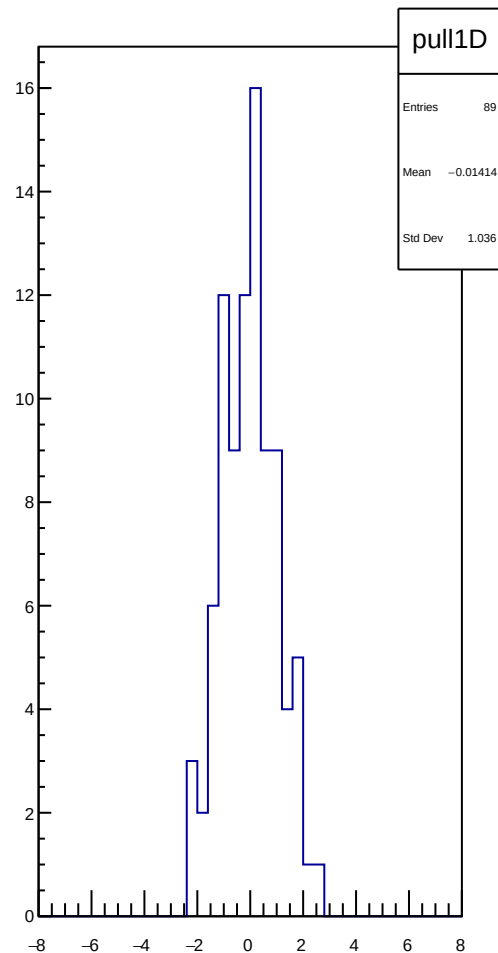
cor_asym_sam3_mean vs run



Correlation asymmetry mean versus run. The plot shows a scatter of data points with error bars, fitted with a red line. The statistics box provides the χ^2 / ndf and p0 values.



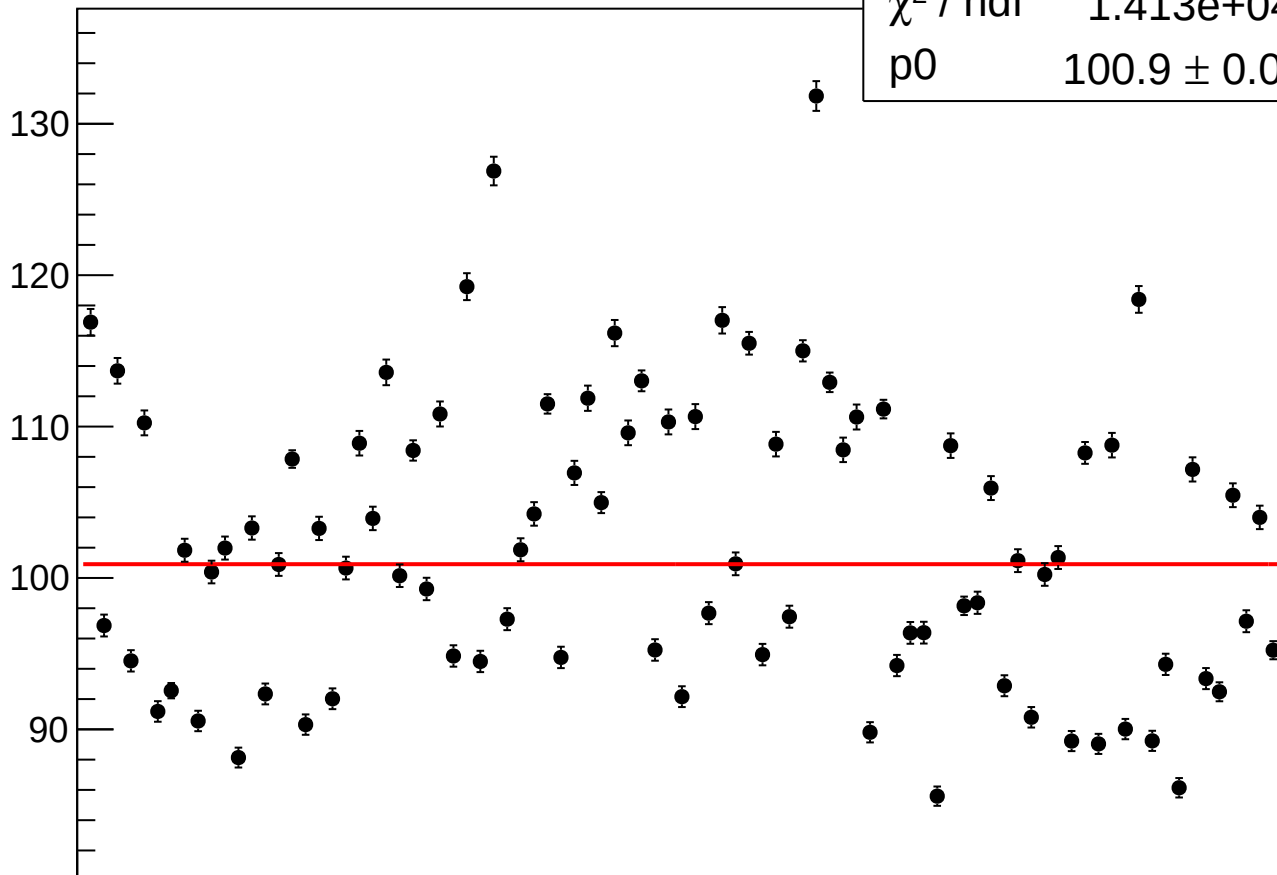
Histogram of pull values. The distribution is centered around -360.6, with a standard deviation of 0. The statistics box provides the entries, mean, and standard deviation.



Histogram of pull1D values. The distribution is centered around -0.01414, with a standard deviation of 1.036. The statistics box provides the entries, mean, and standard deviation.

cor_asym_sam3_rms vs run

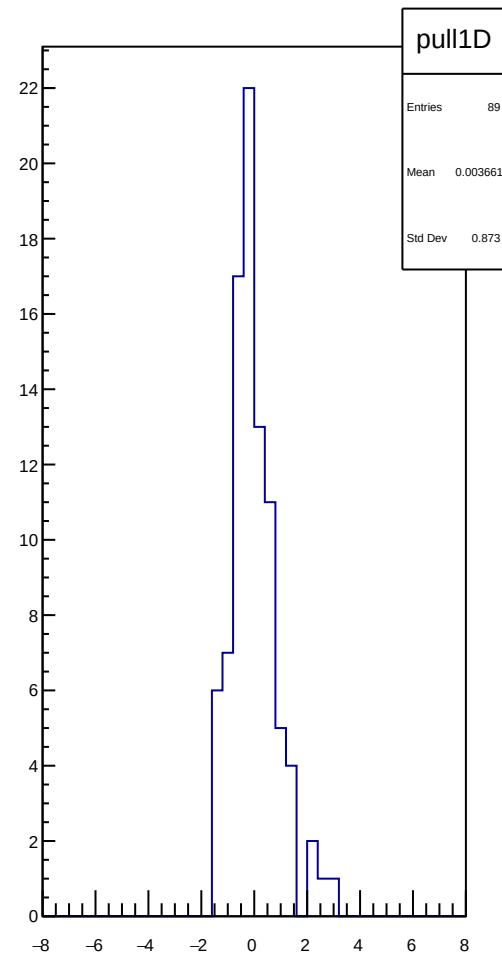
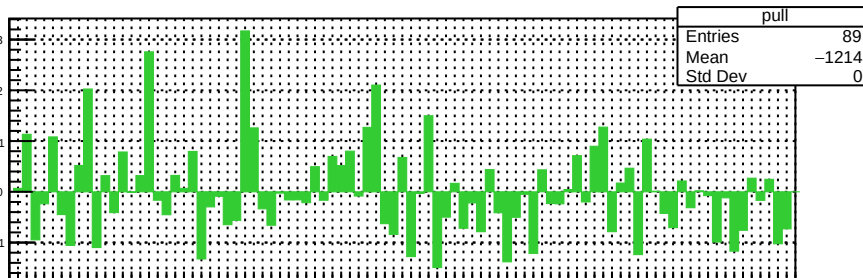
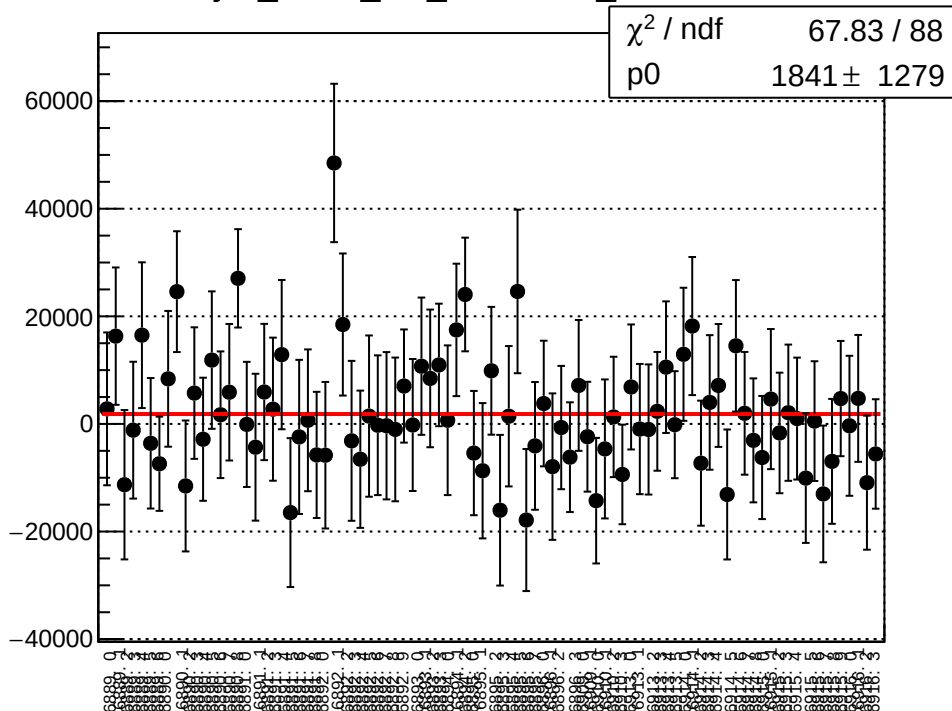
χ^2 / ndf 1.413e+04 / 88
p0 100.9 $\pm$ 0.07696



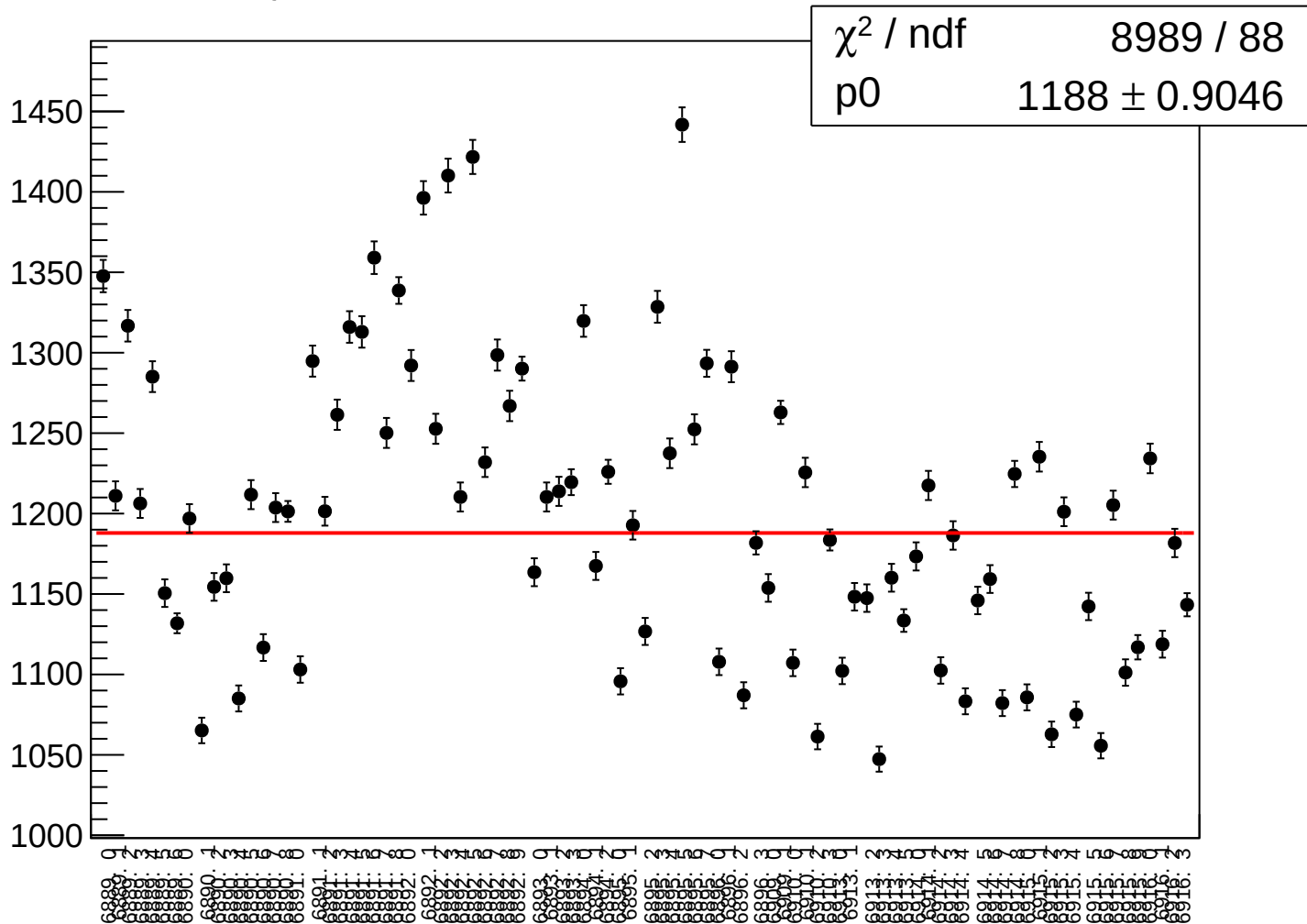
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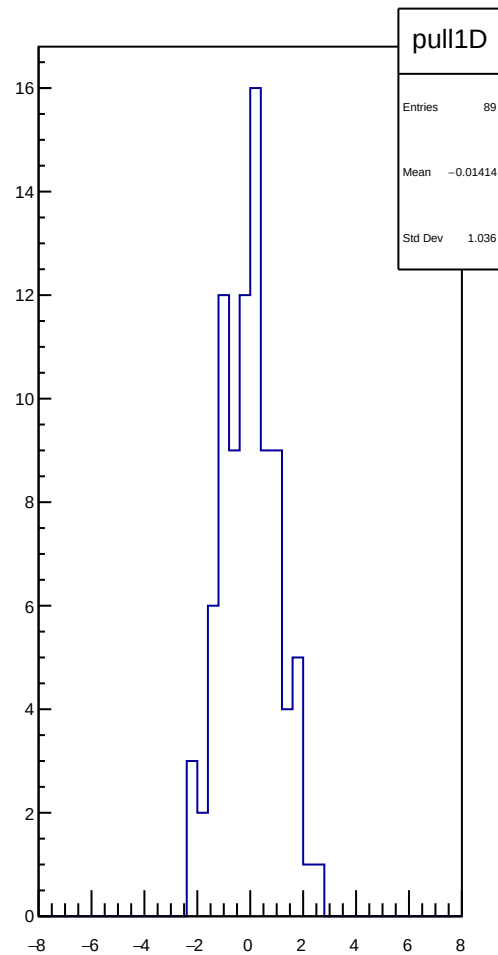
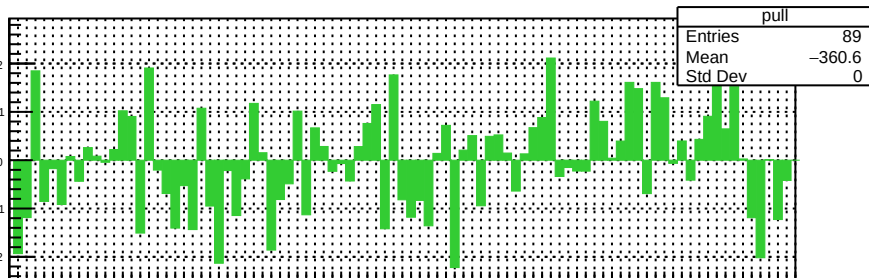
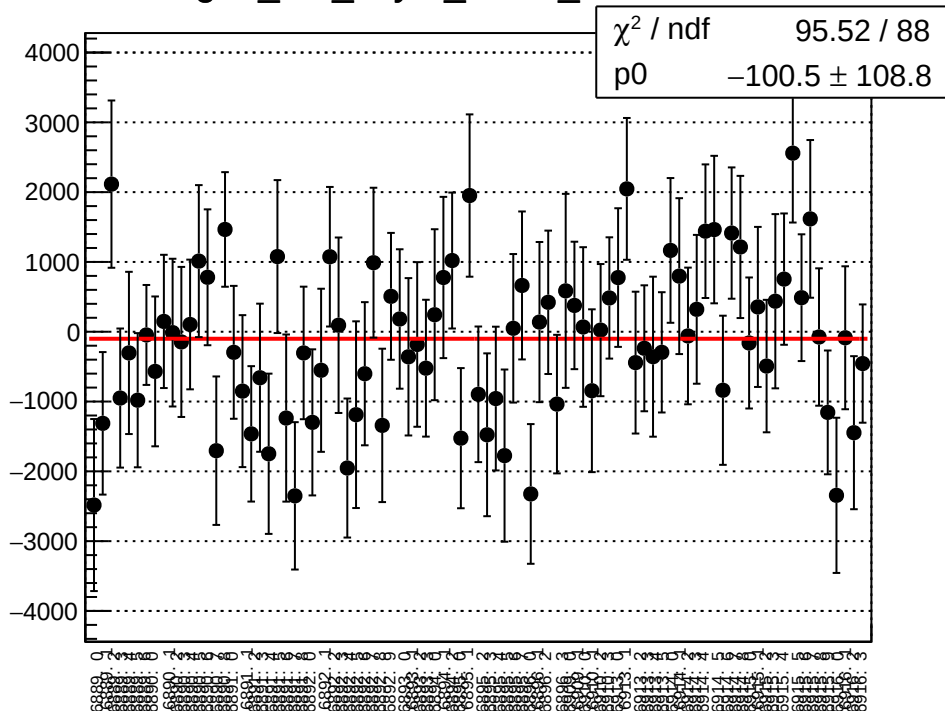
asym_sam3_cor_correction_mean vs run



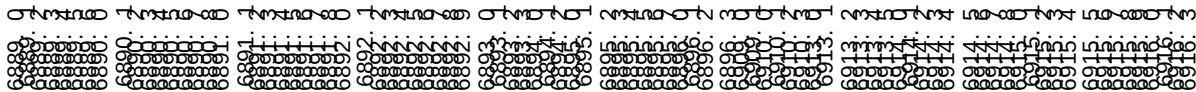
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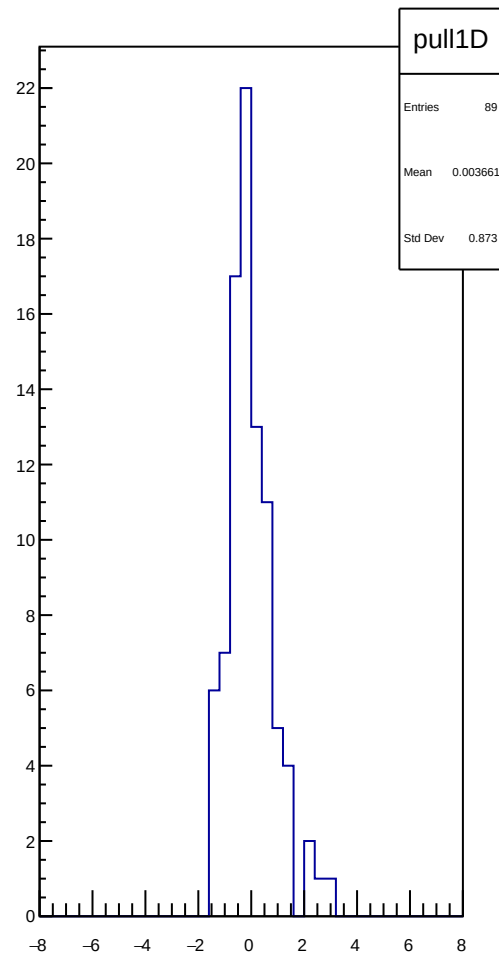
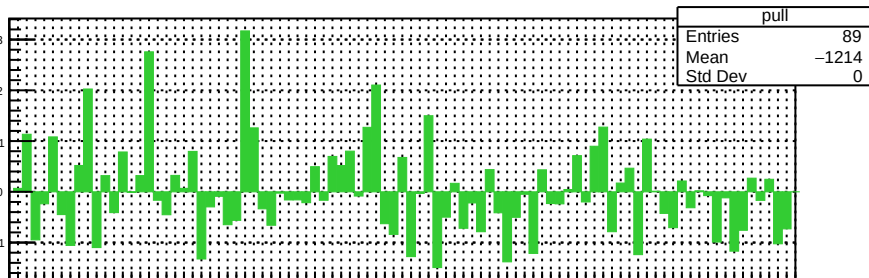
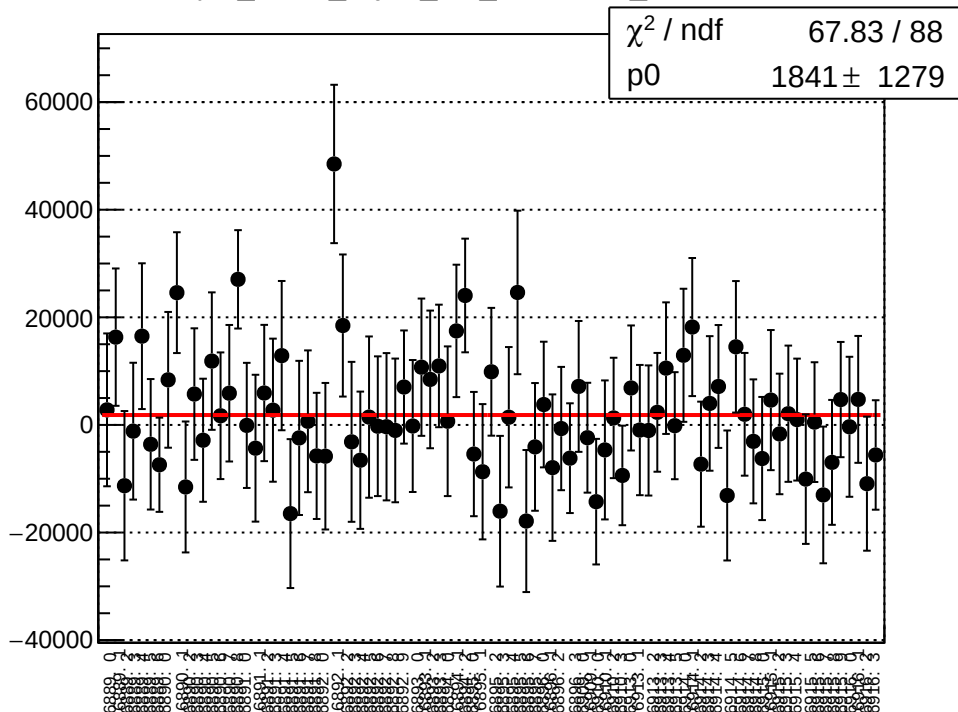
eigen_cor_asym_sam3_mean vs run



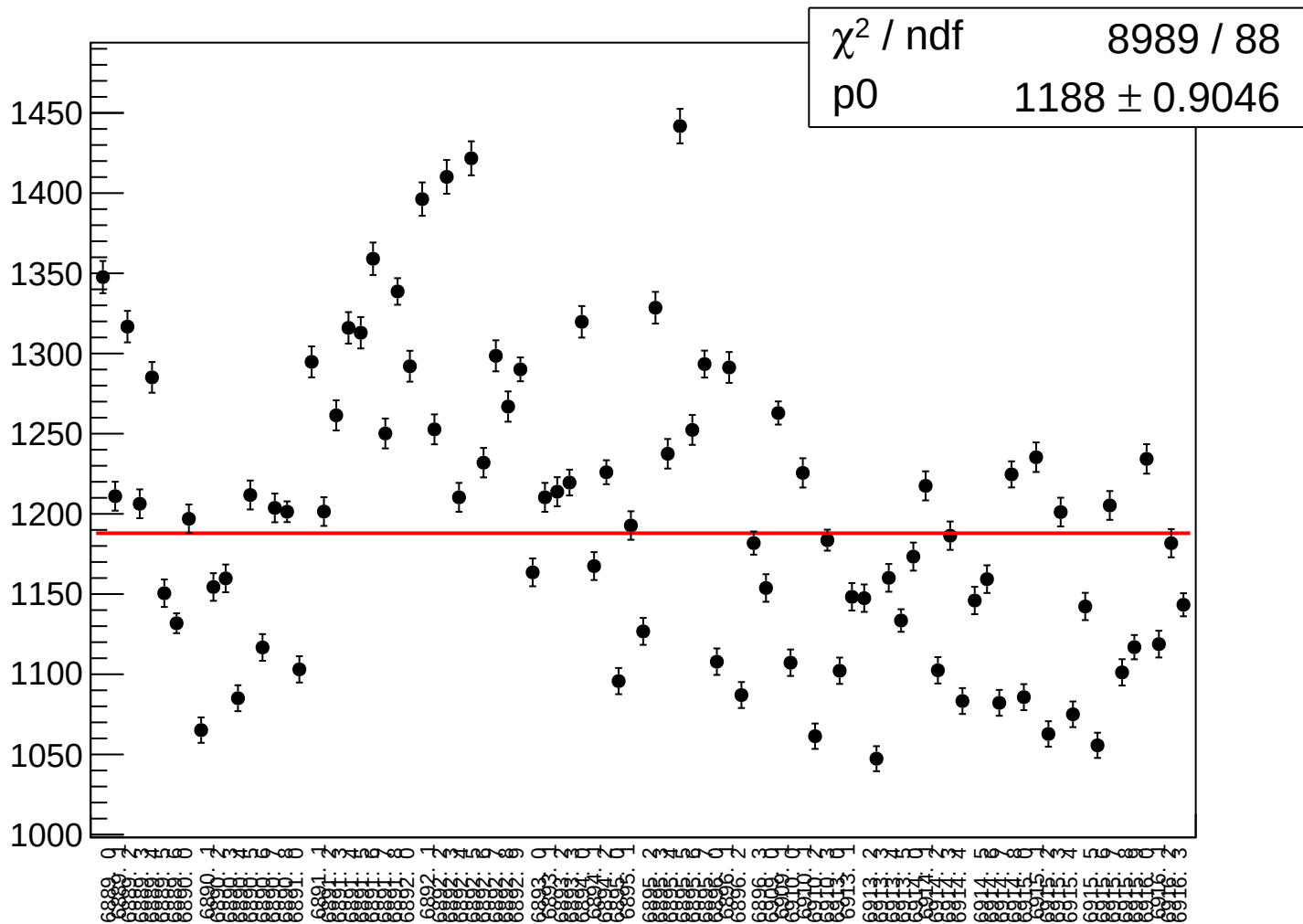
χ^2 / ndf	1.413e+04 / 88
p0	100.9 ± 0.07696



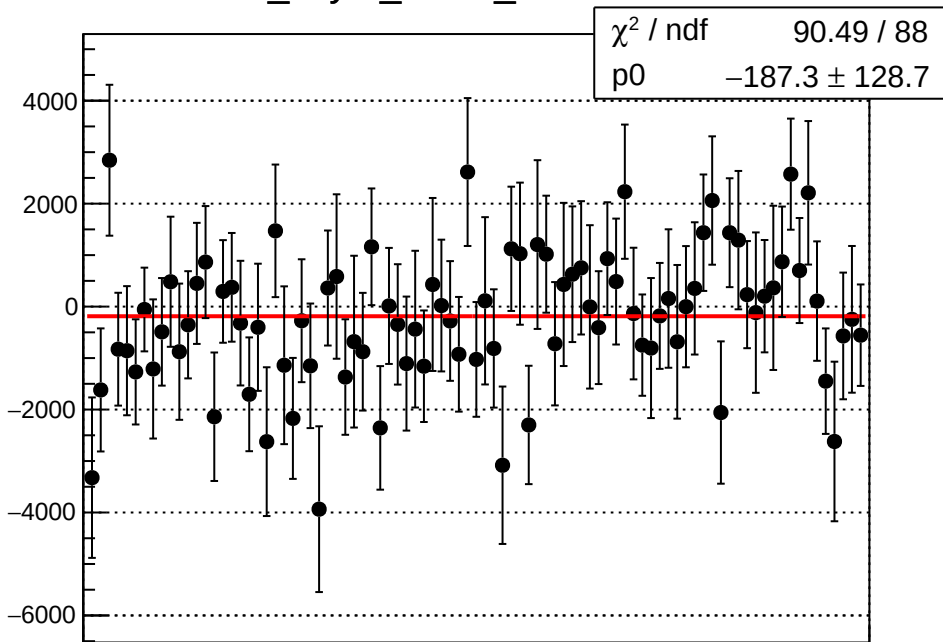
asym_sam3_eigen_cor_correction_mean vs run



asym_sam3_eigen_cor_correction_rms vs run

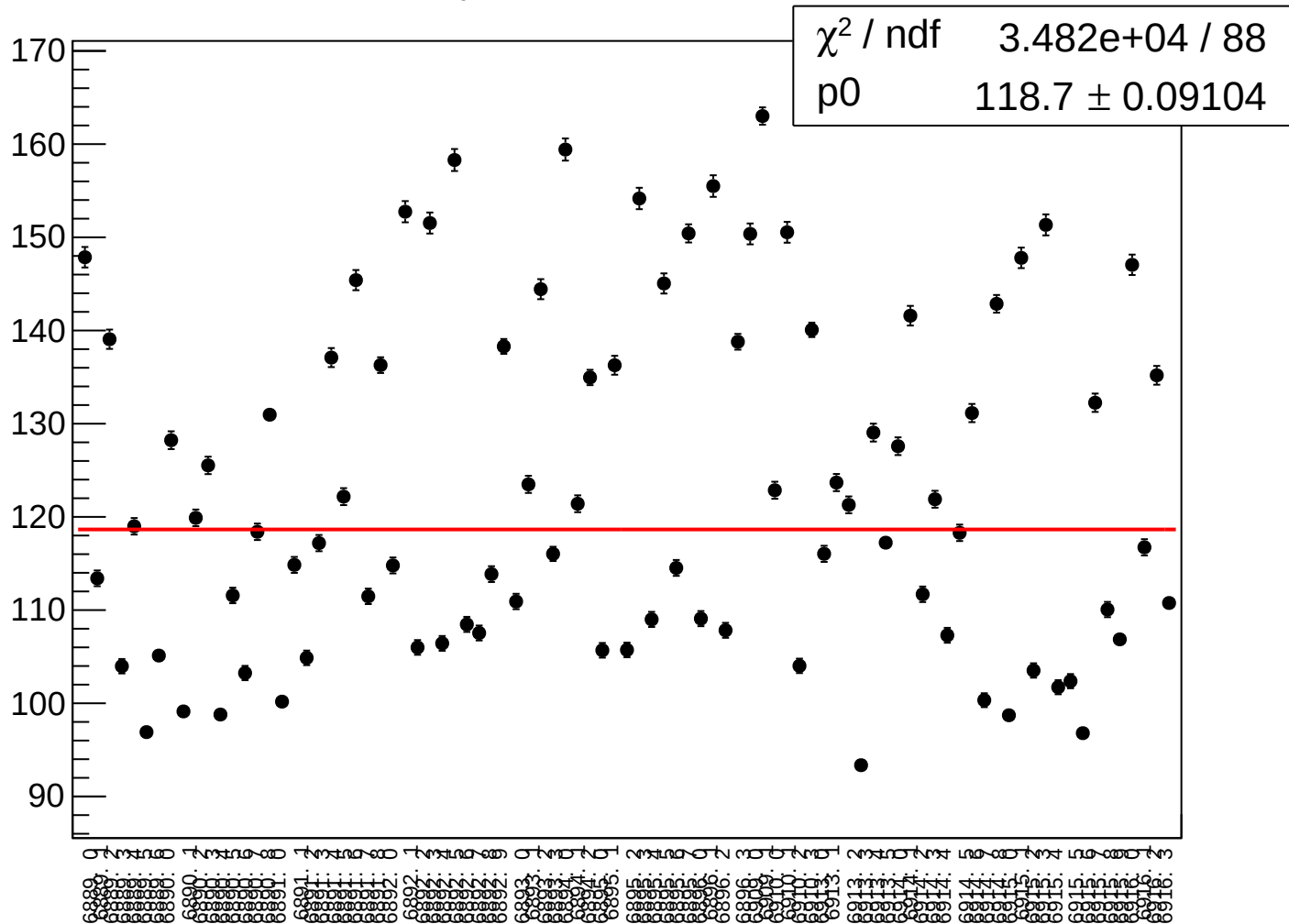


dit_asym_sam3_mean vs run

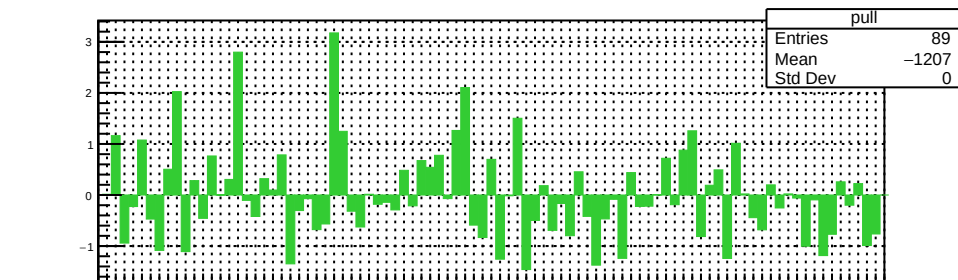
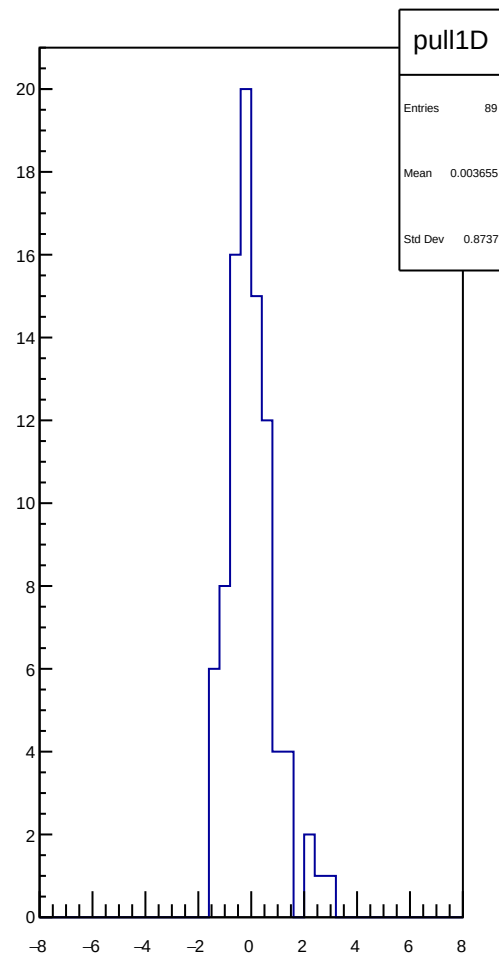
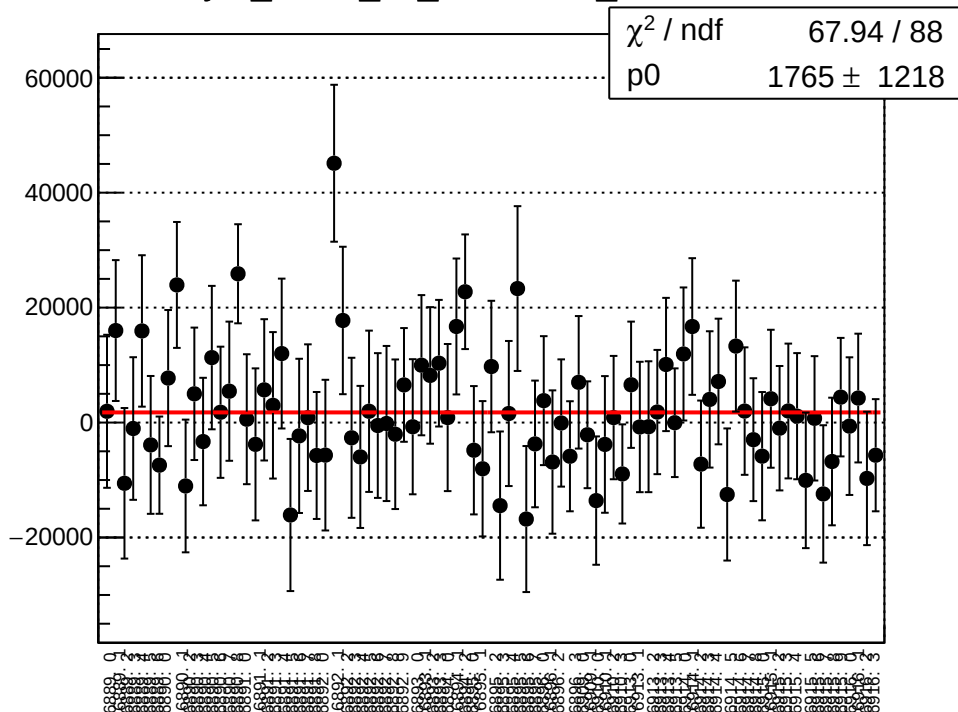


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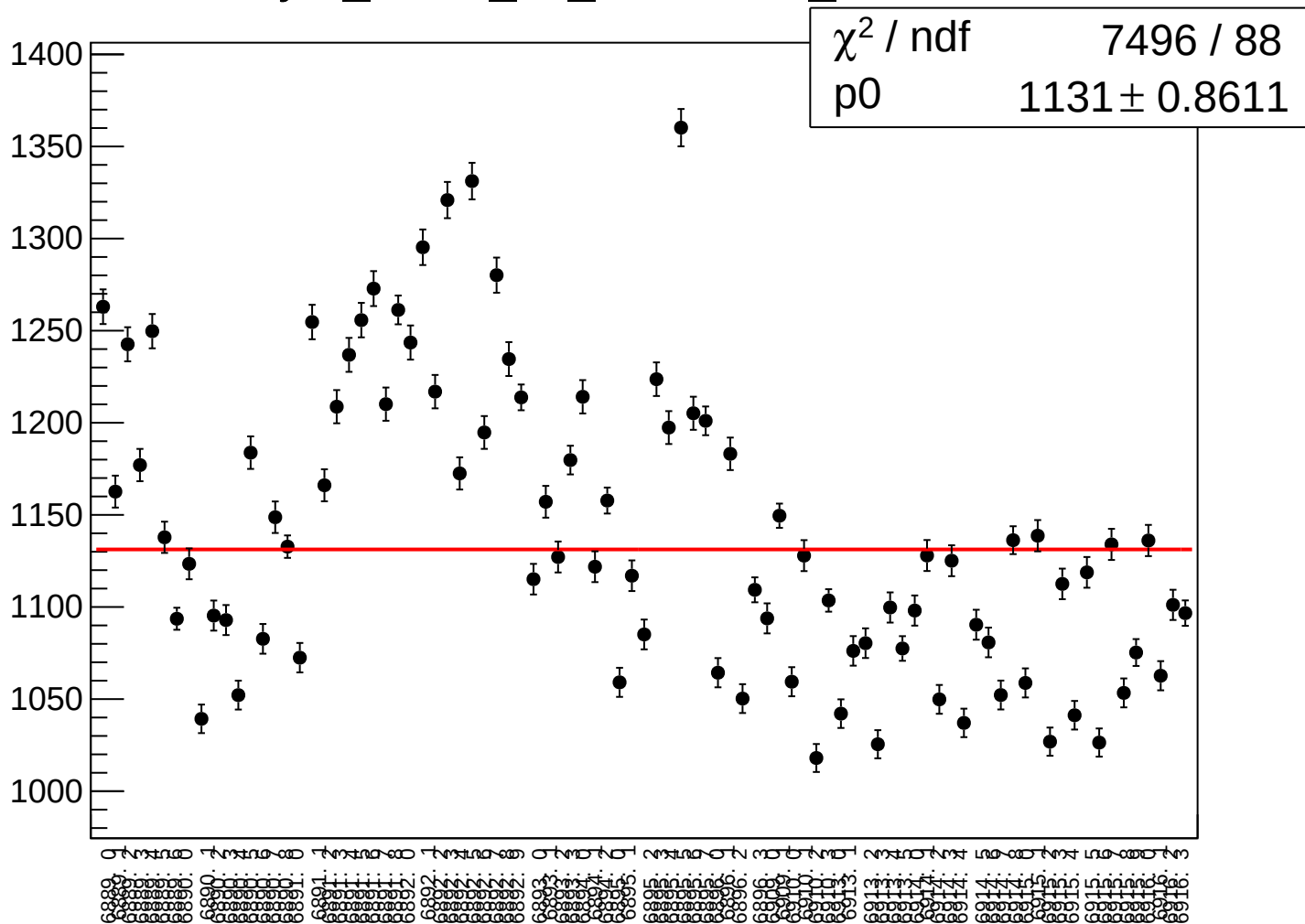
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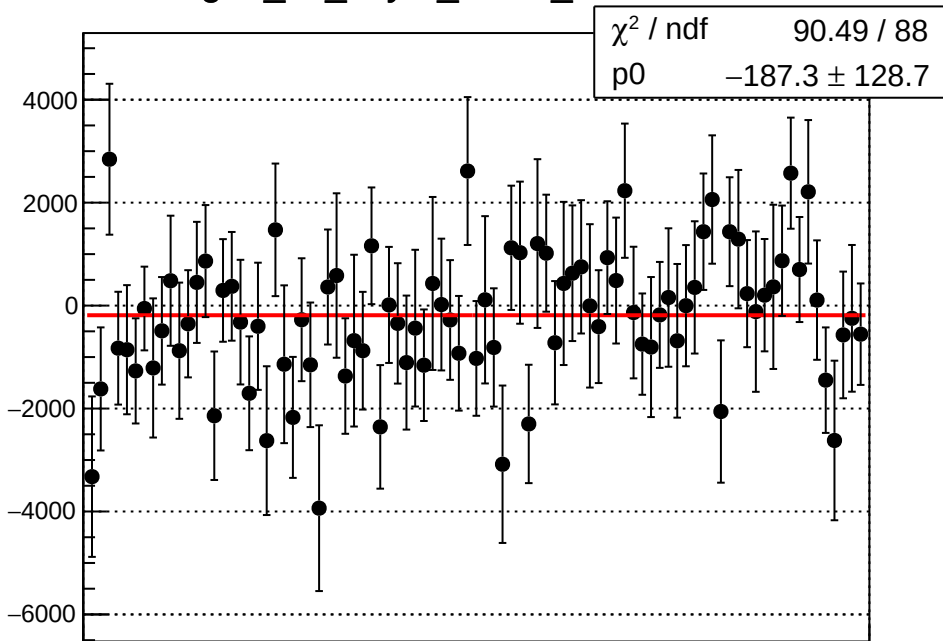
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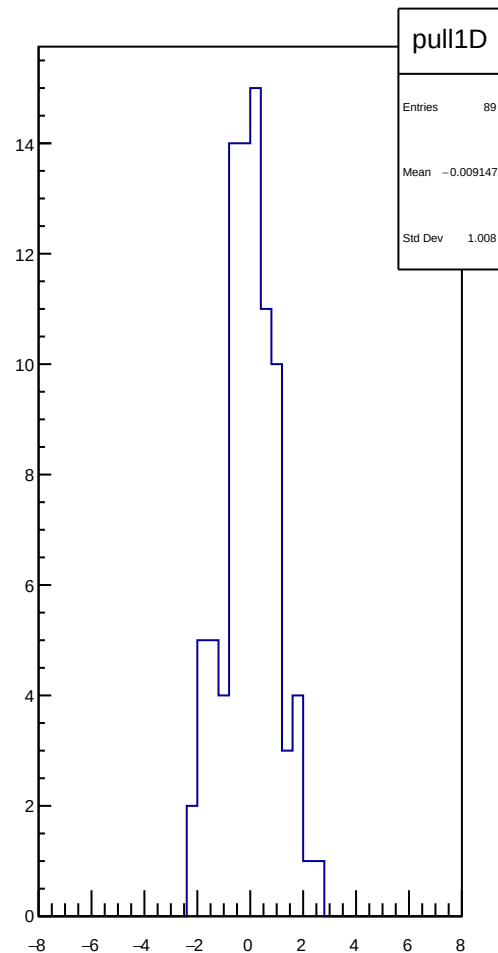
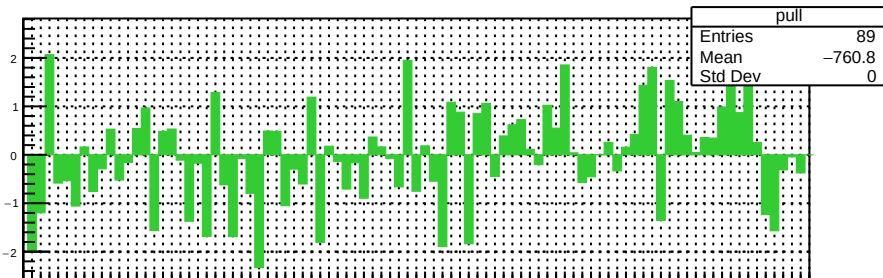
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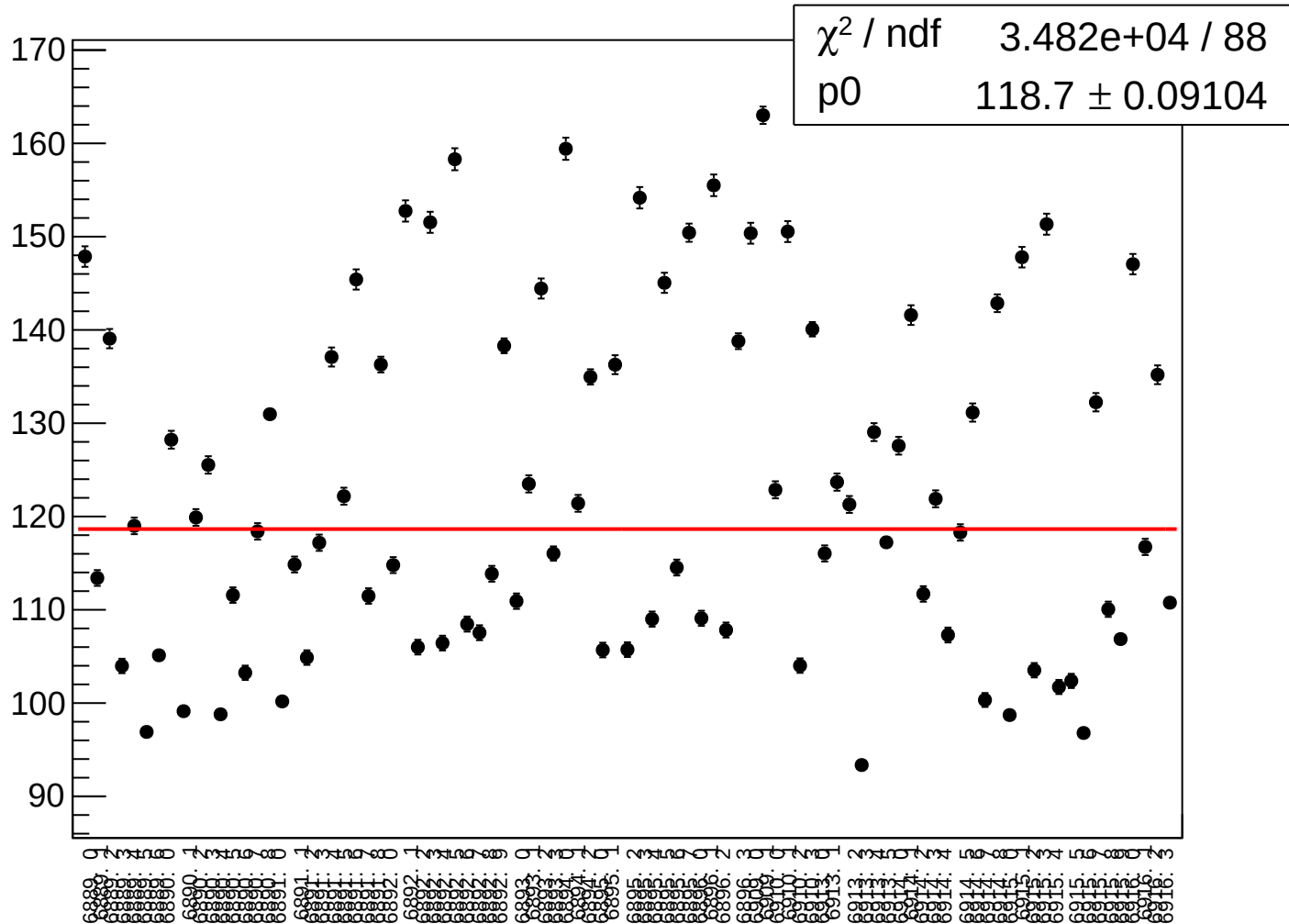
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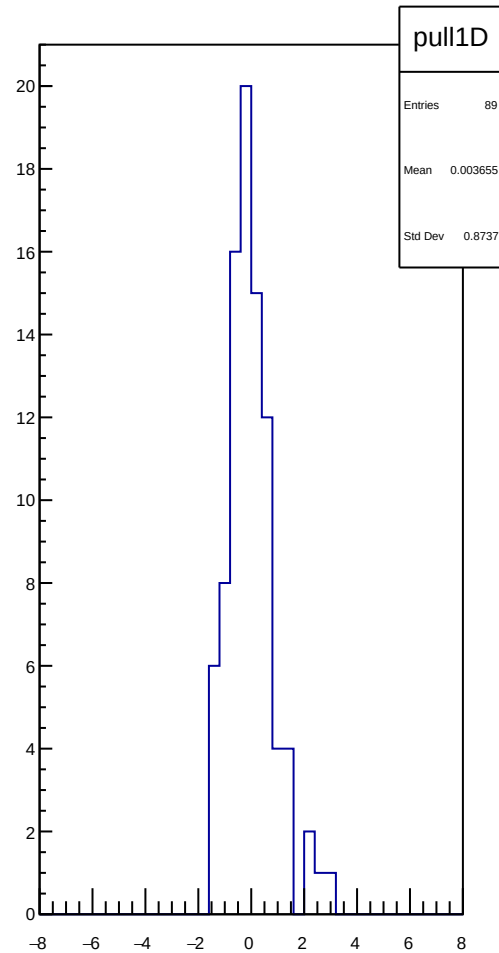
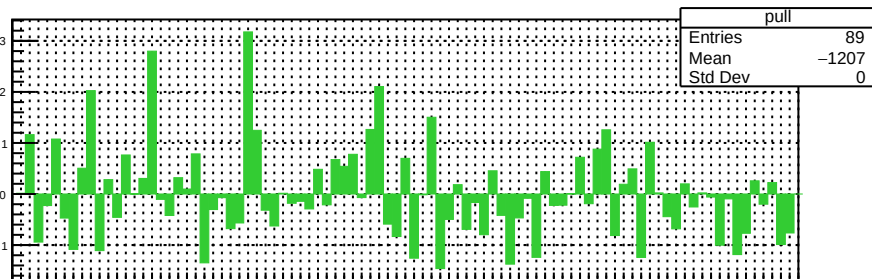
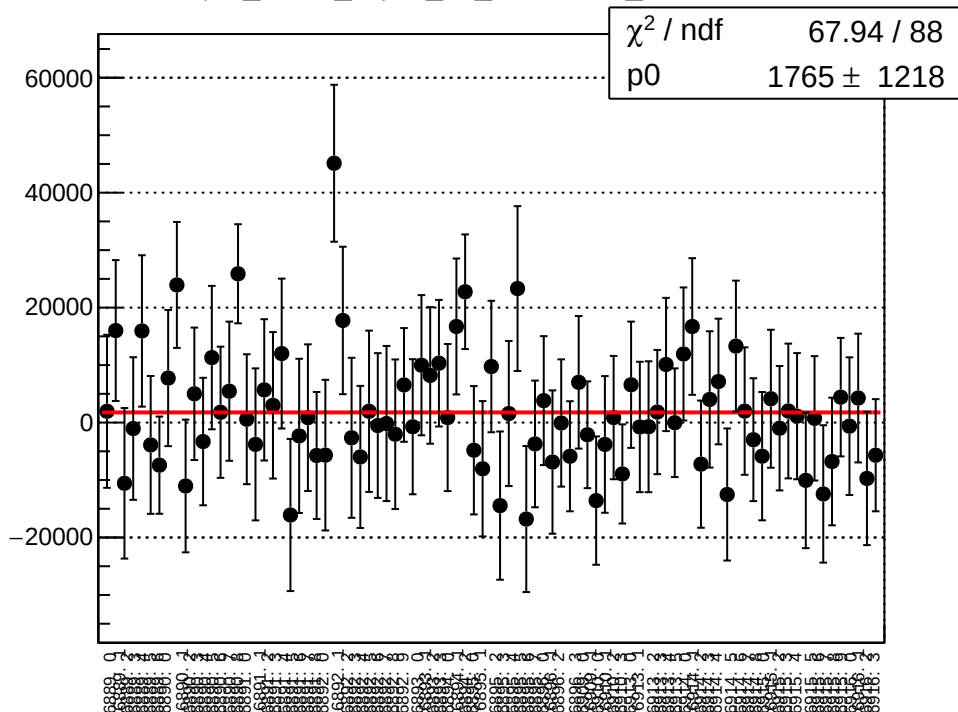
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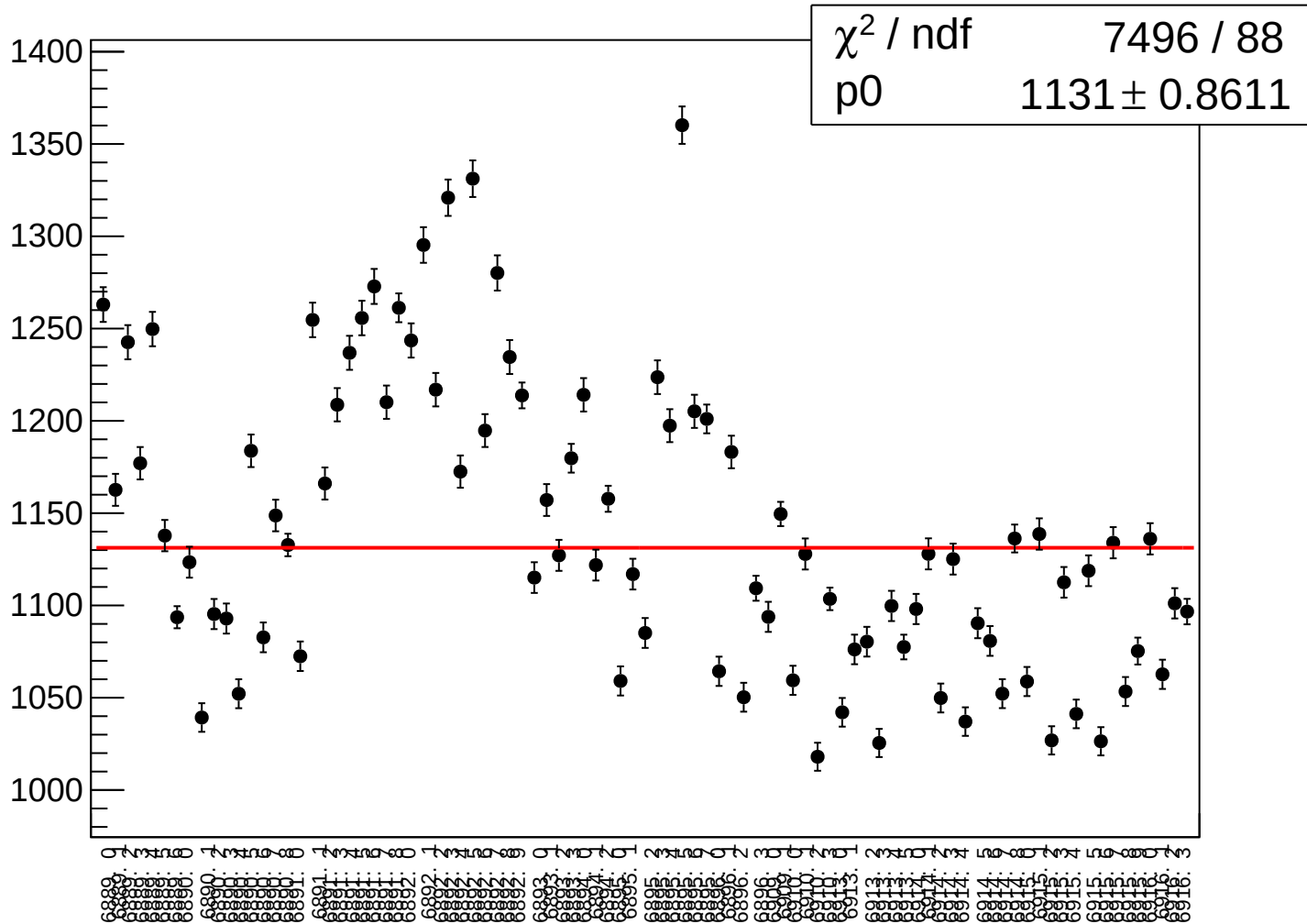
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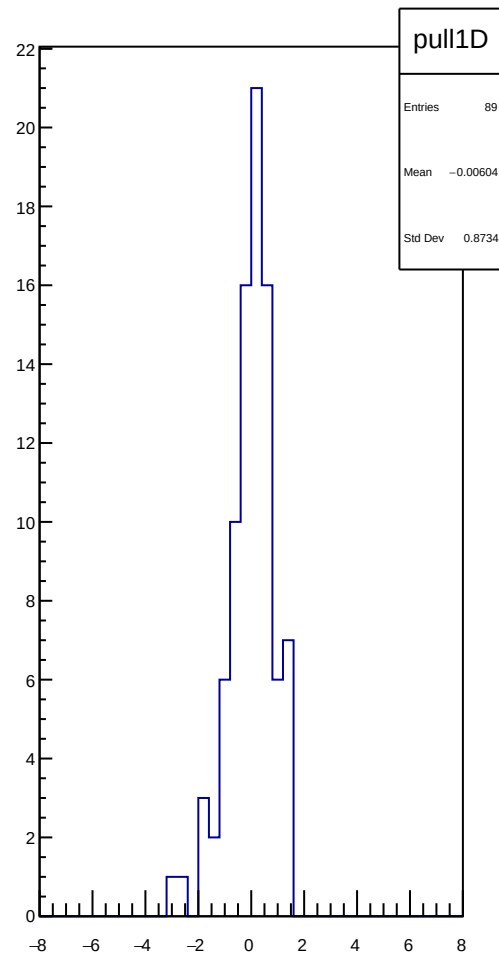
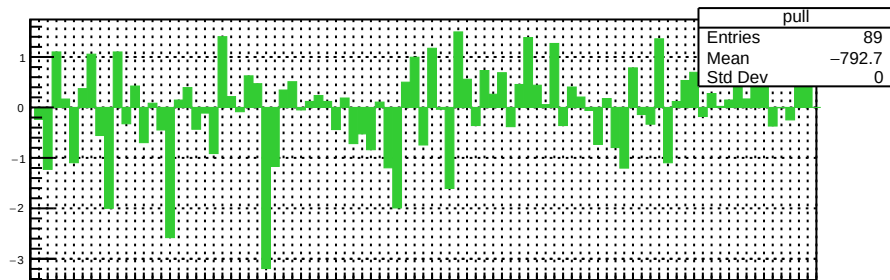
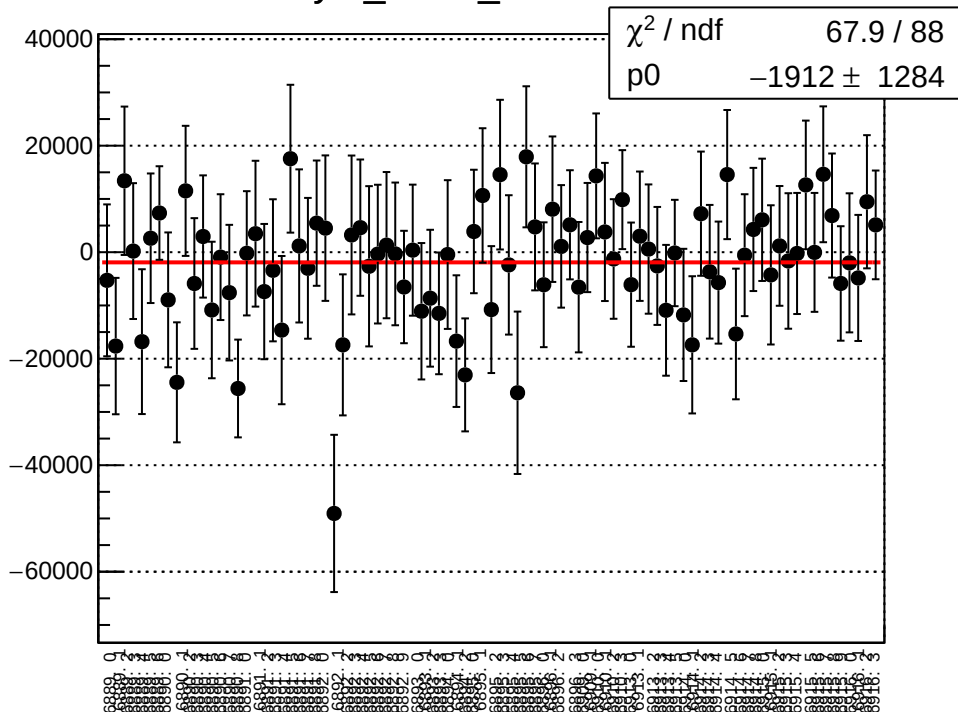
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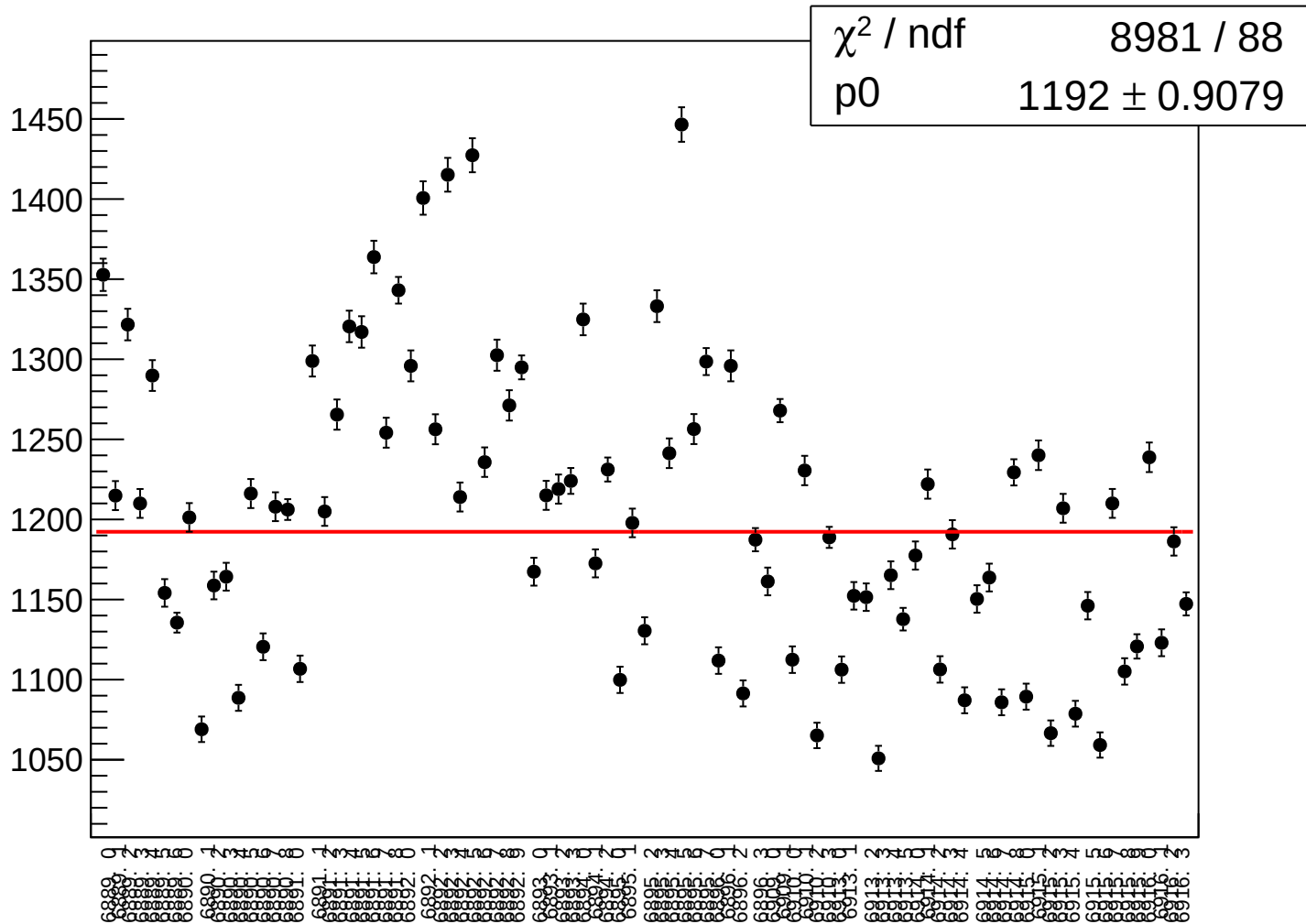
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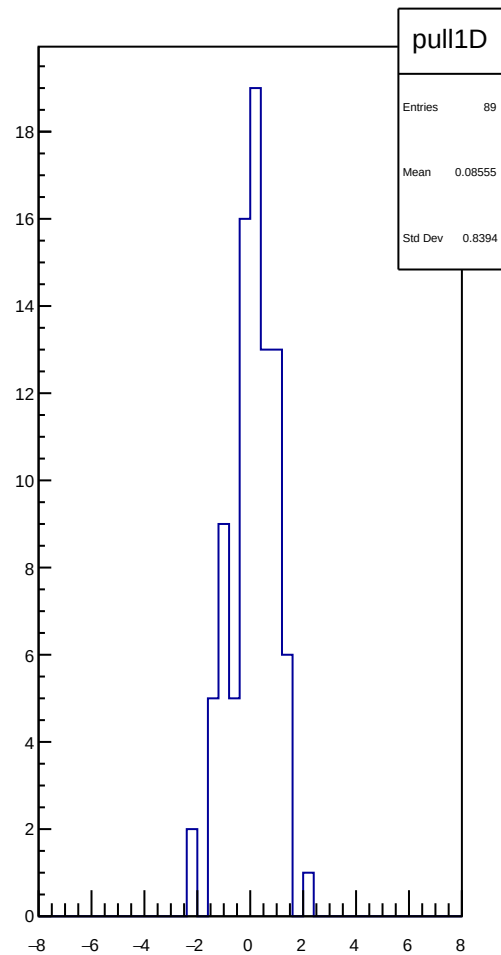
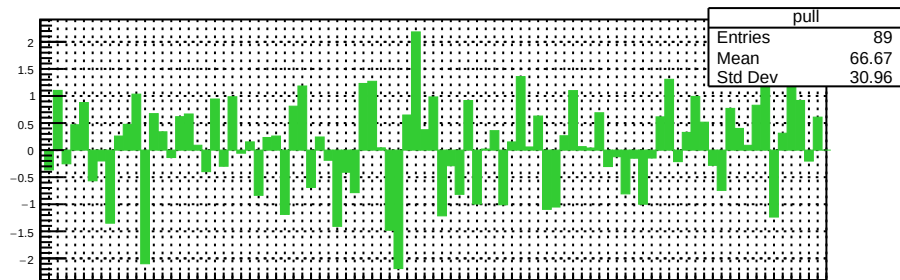
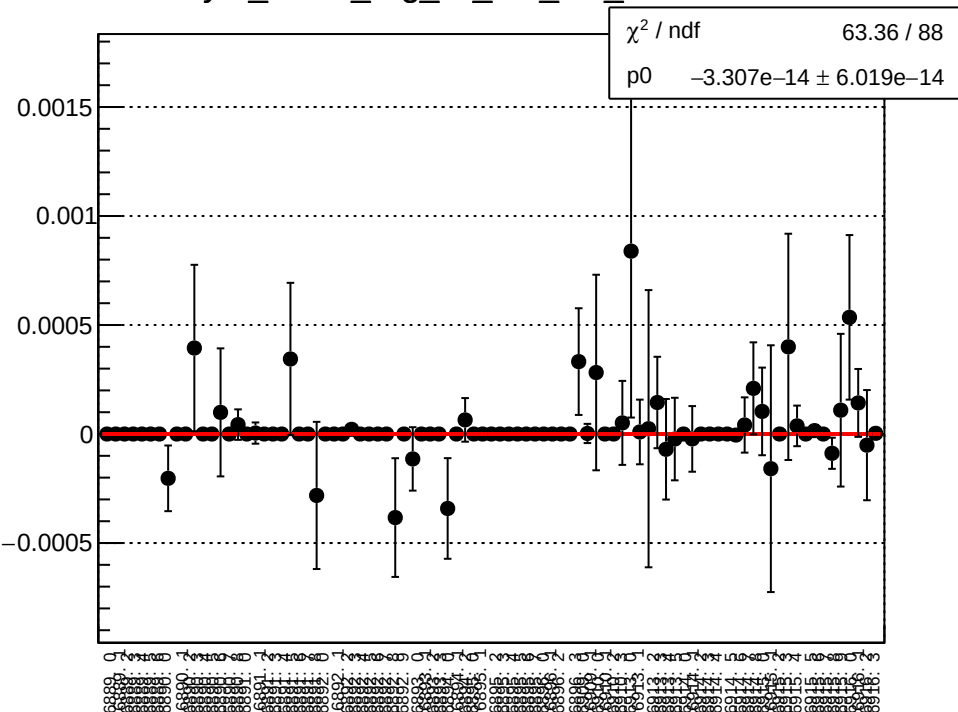
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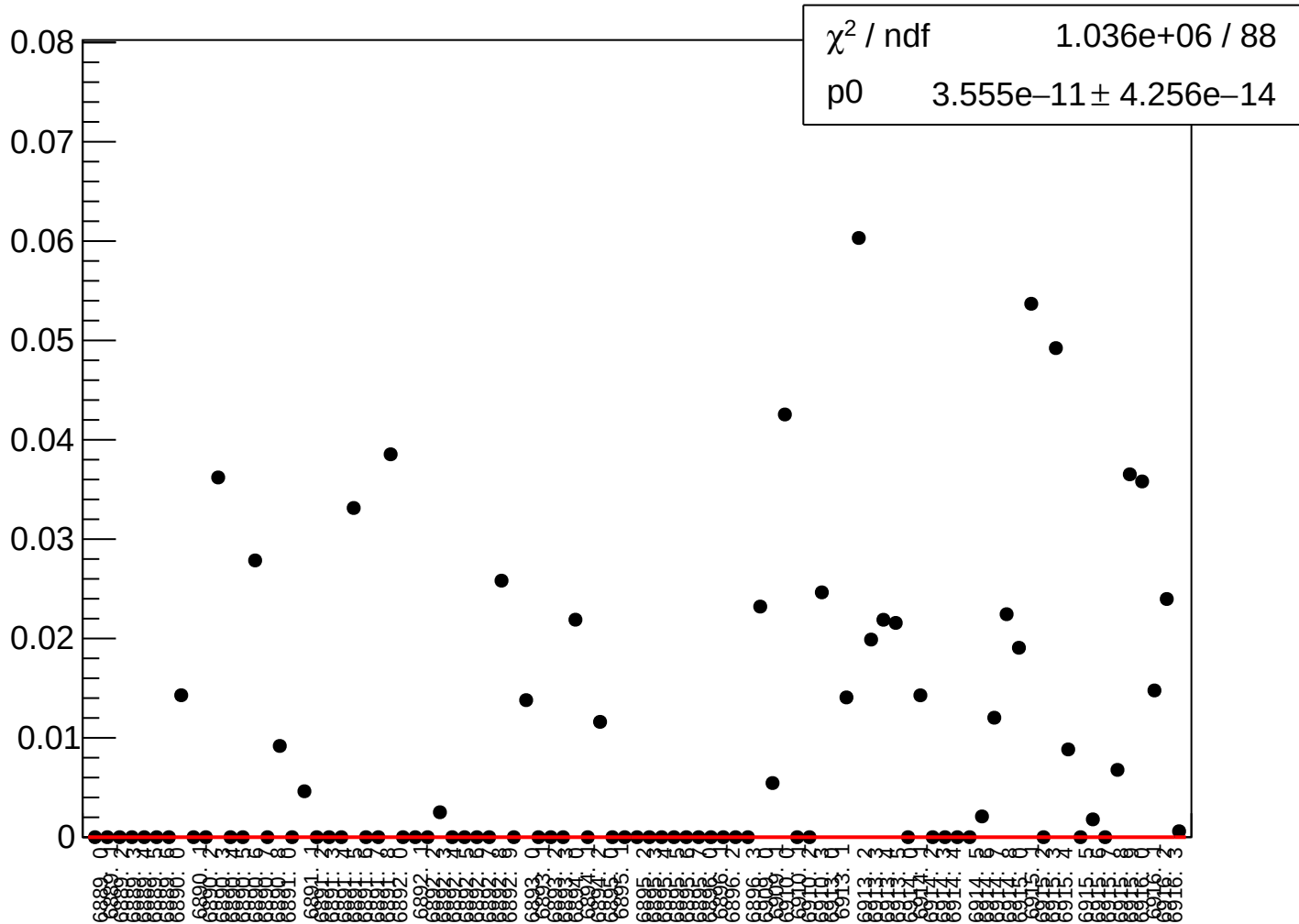
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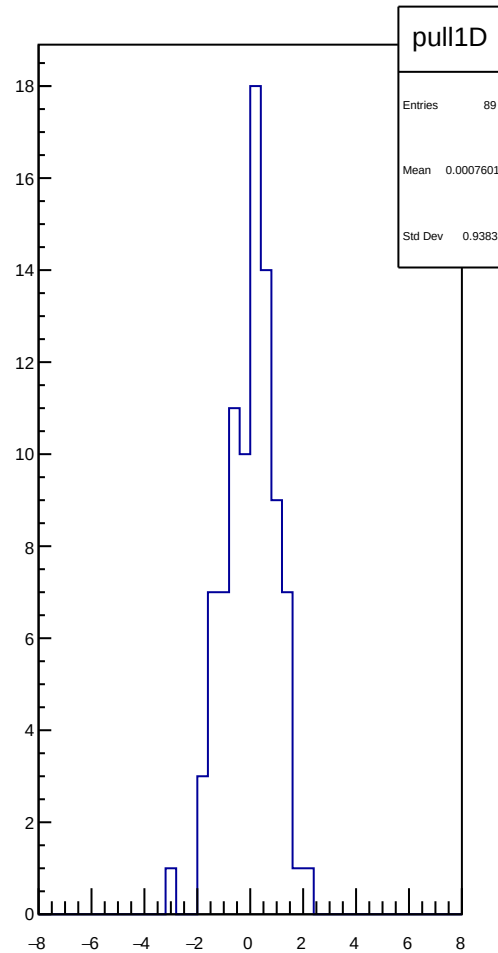
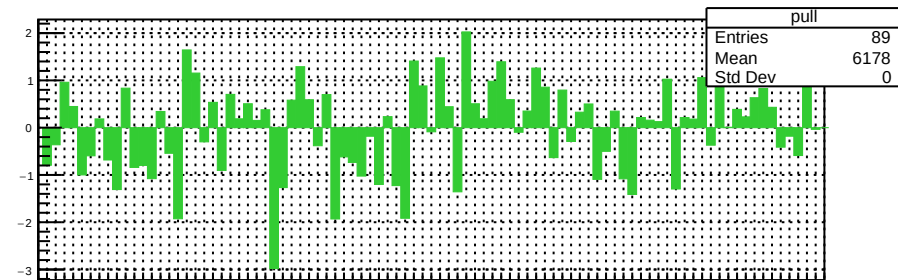
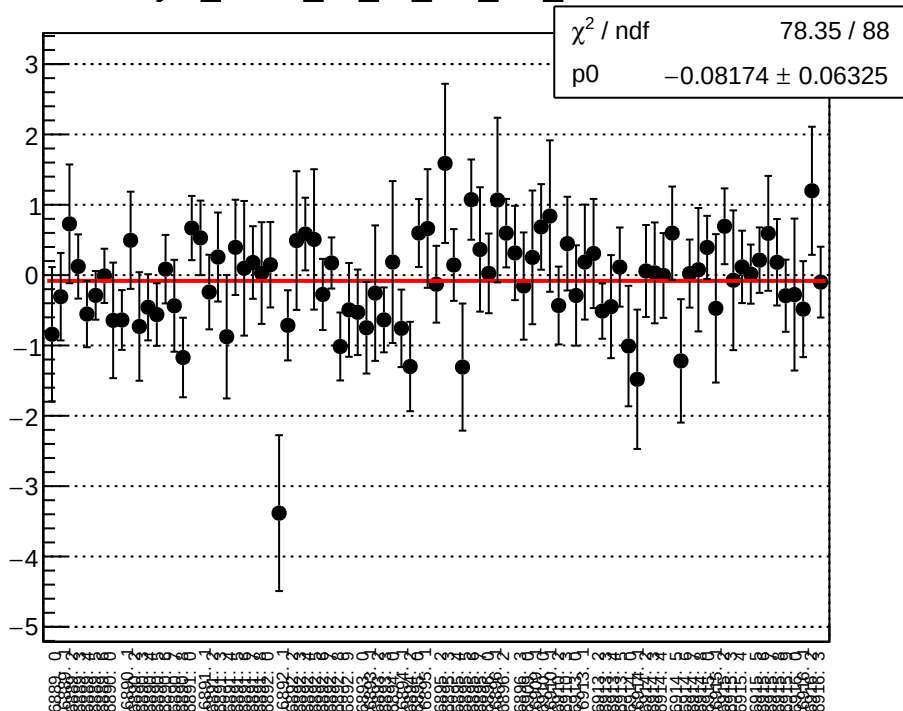
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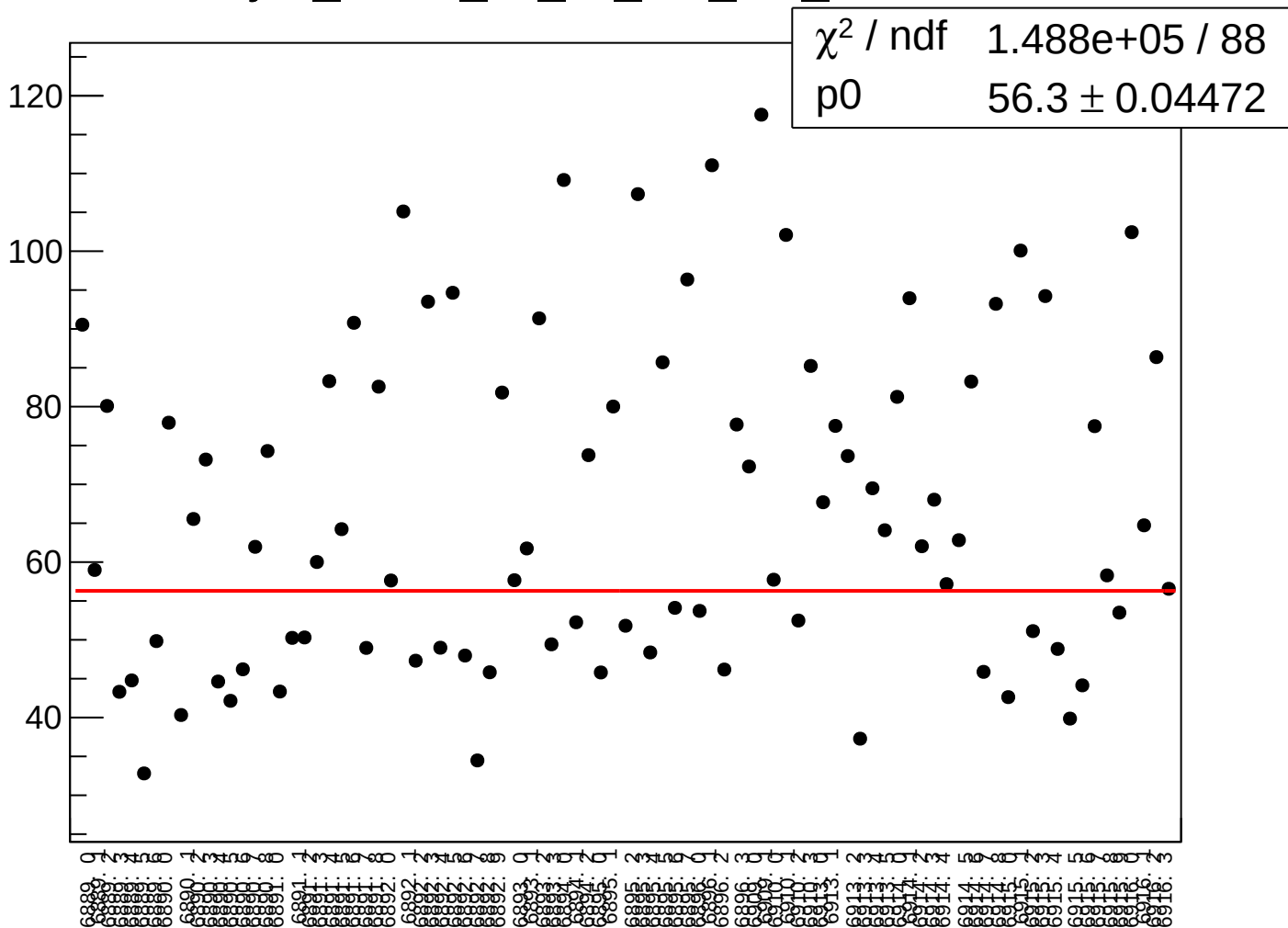
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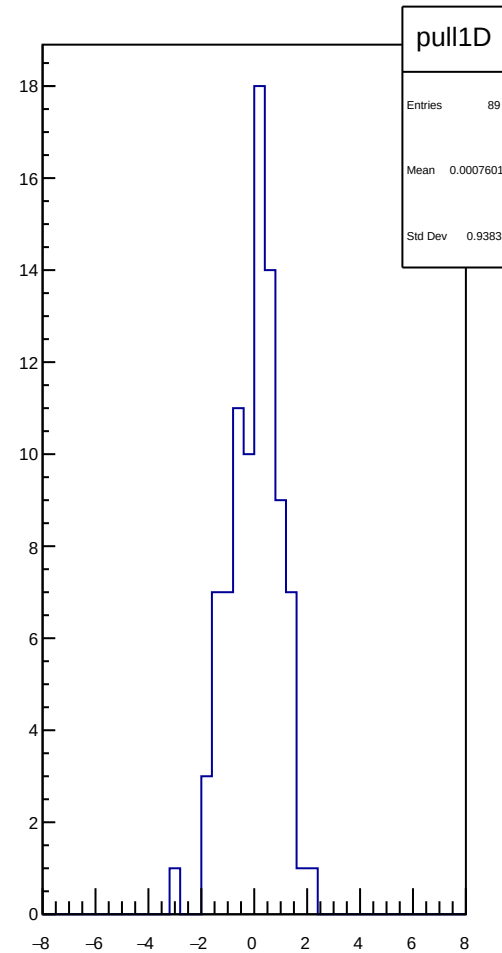
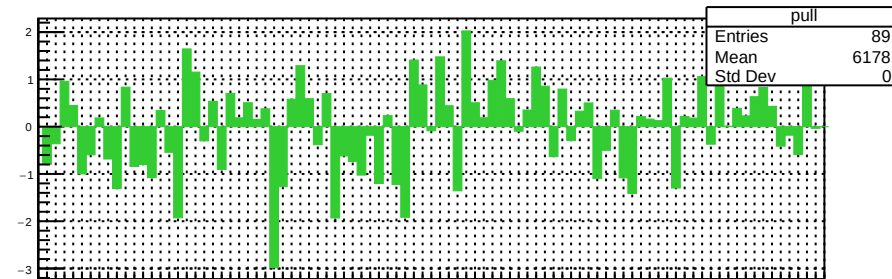
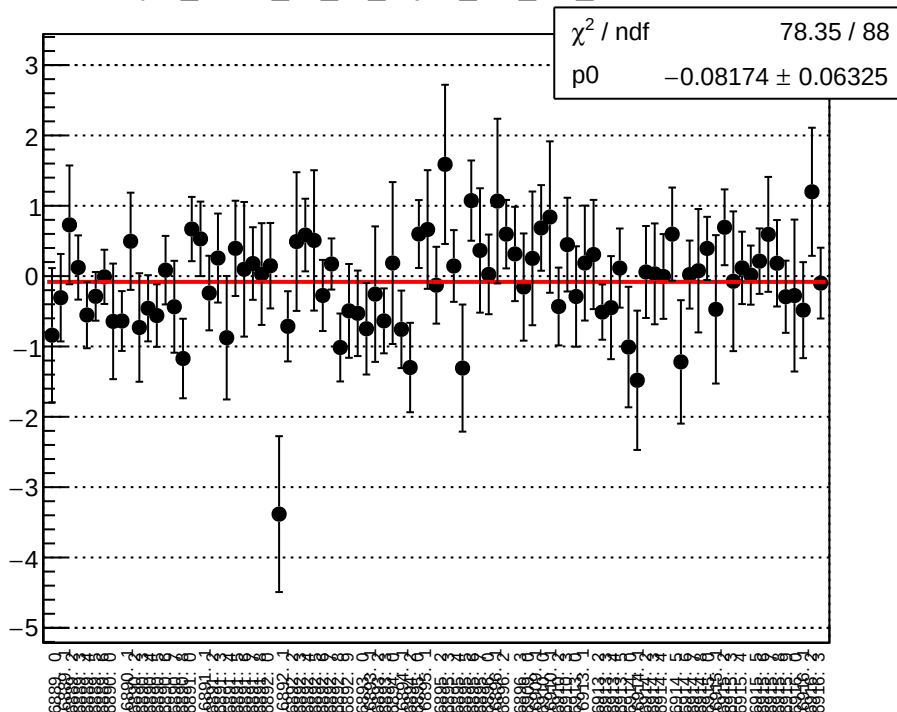
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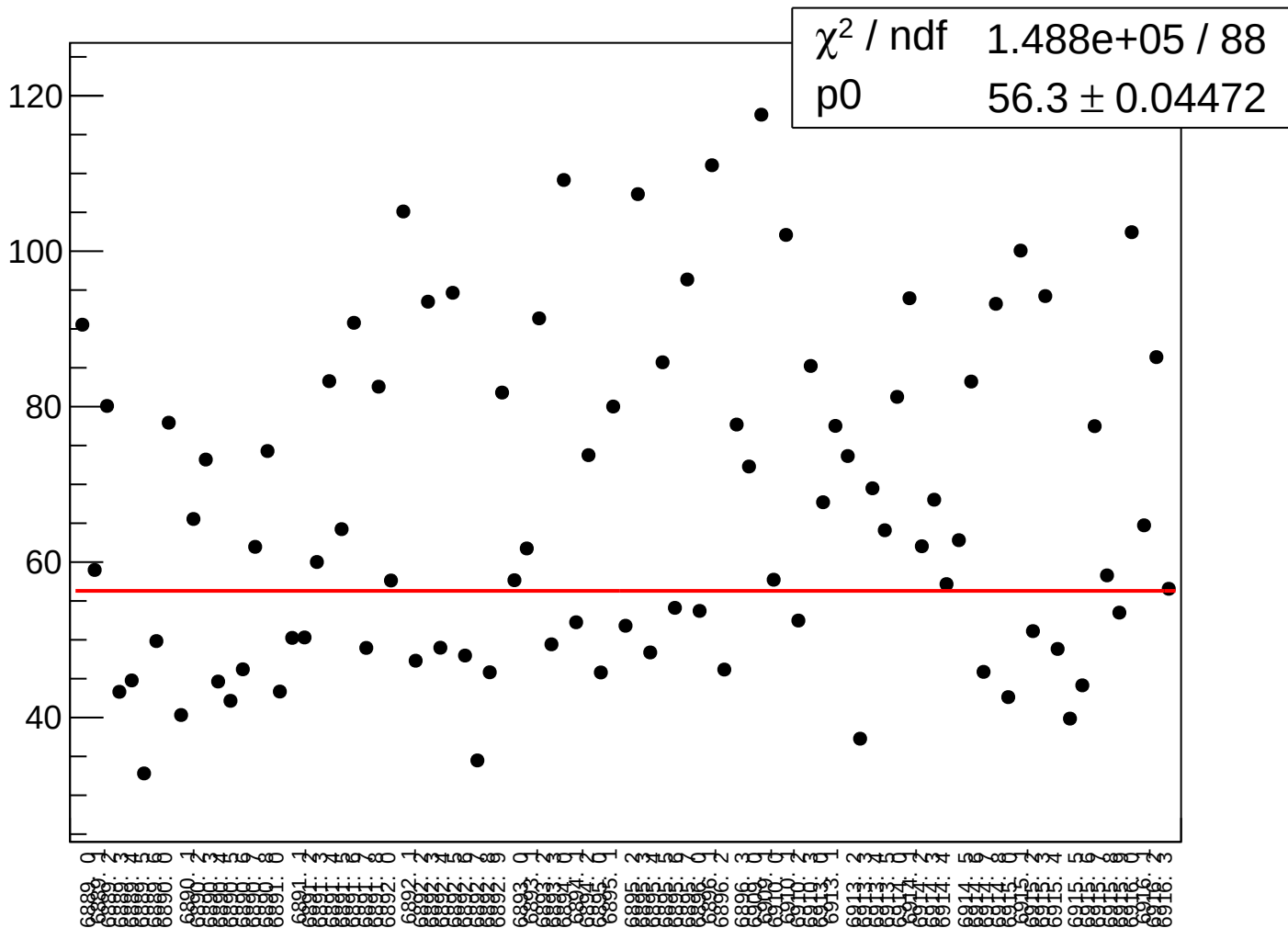
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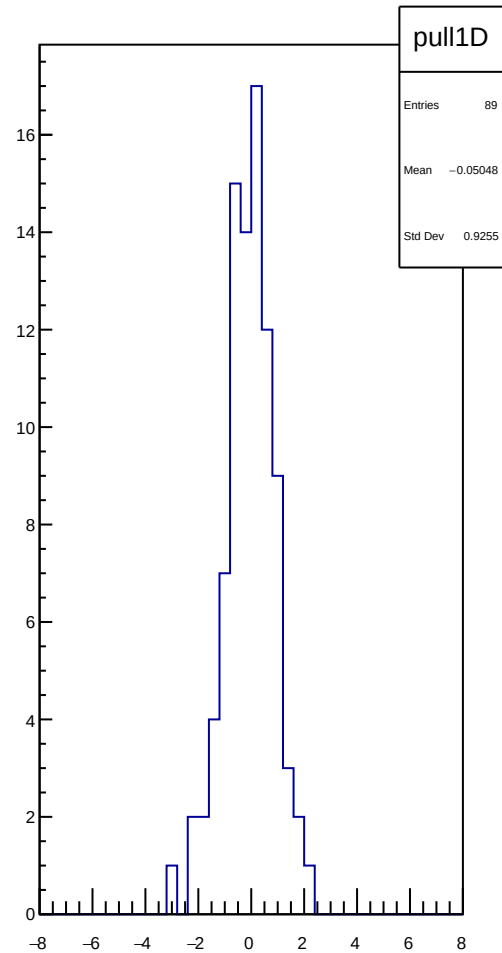
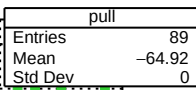
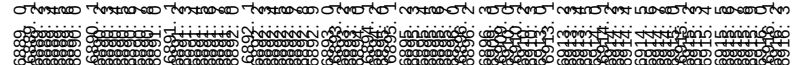


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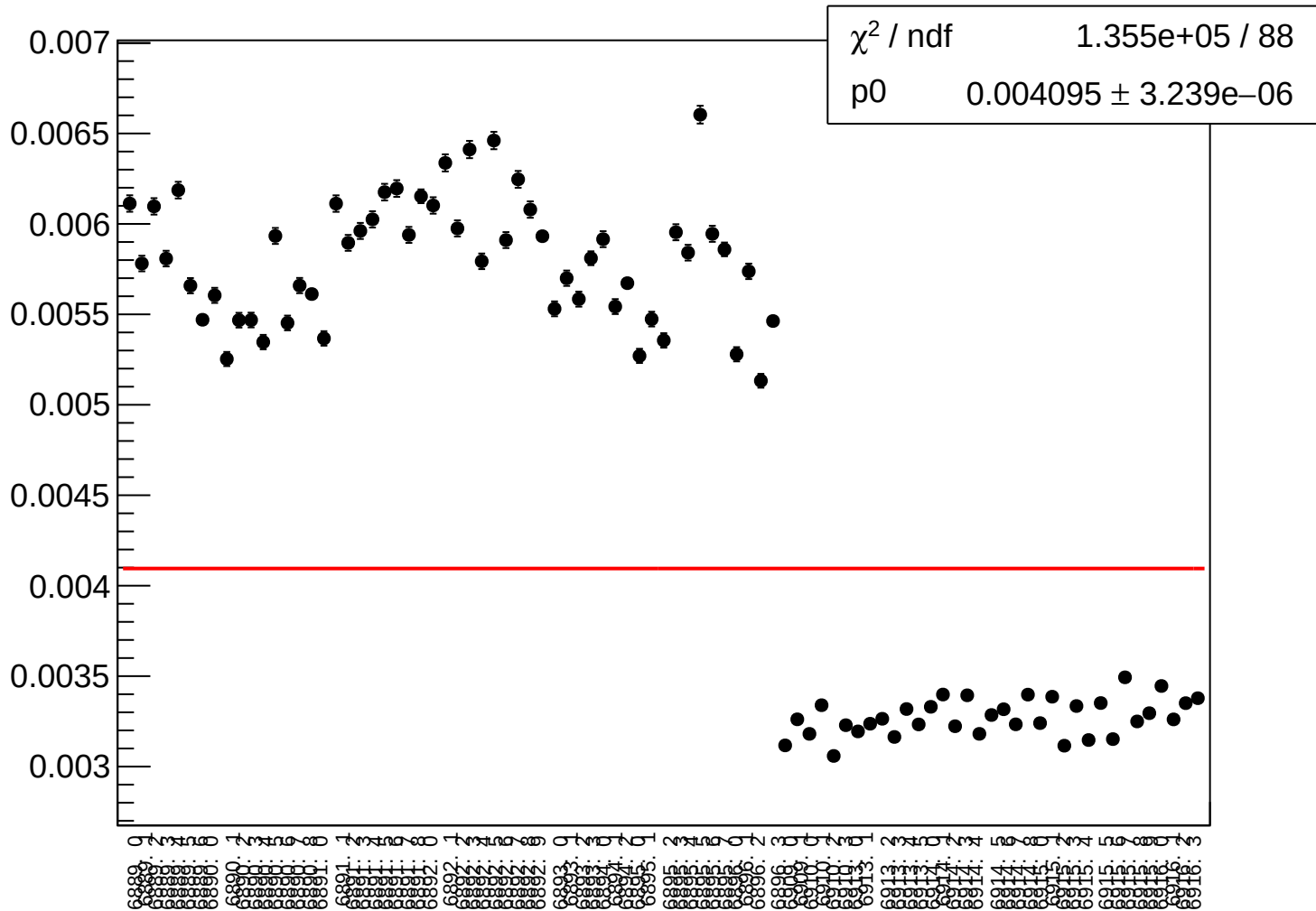


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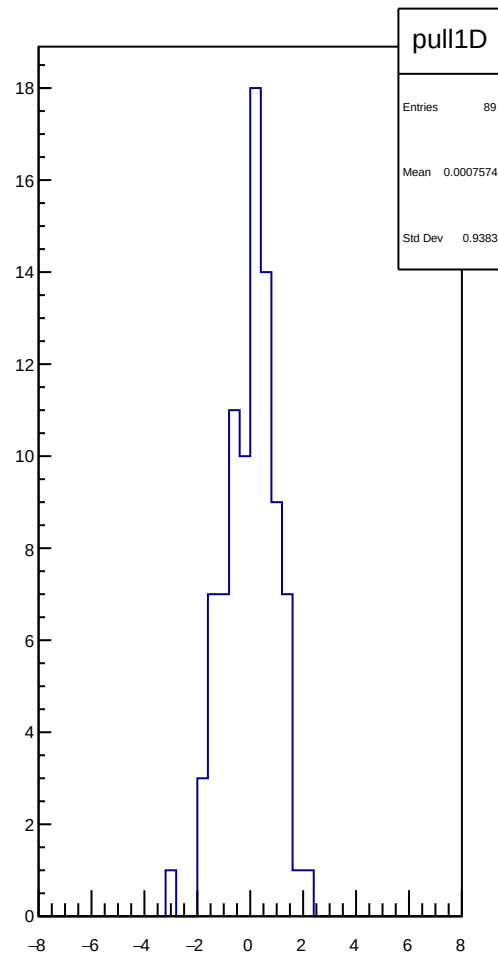
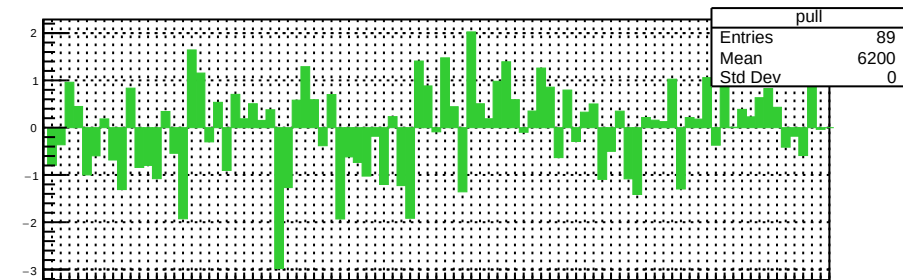
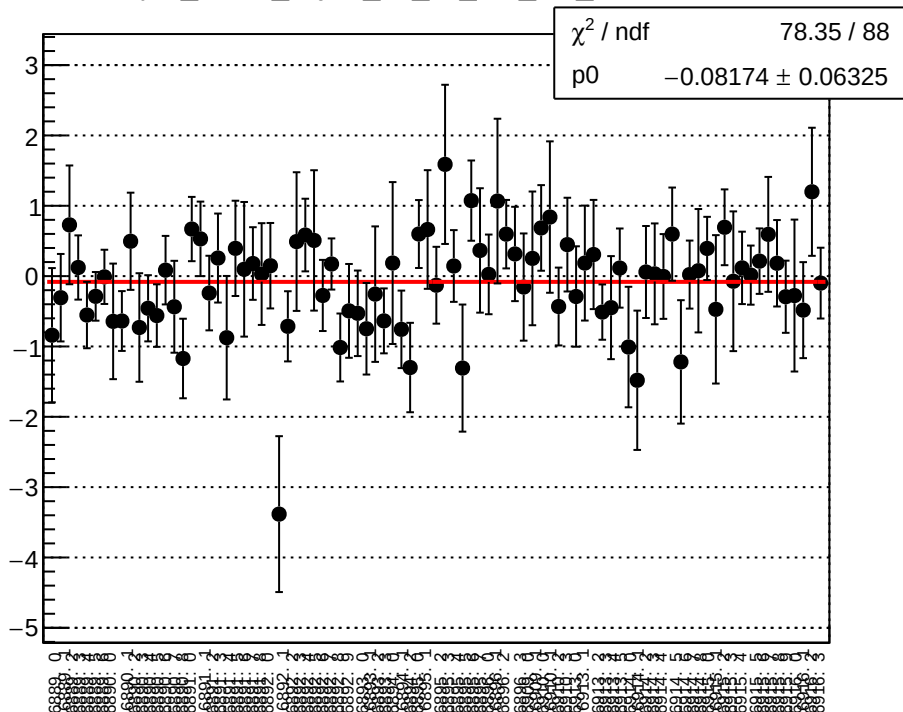


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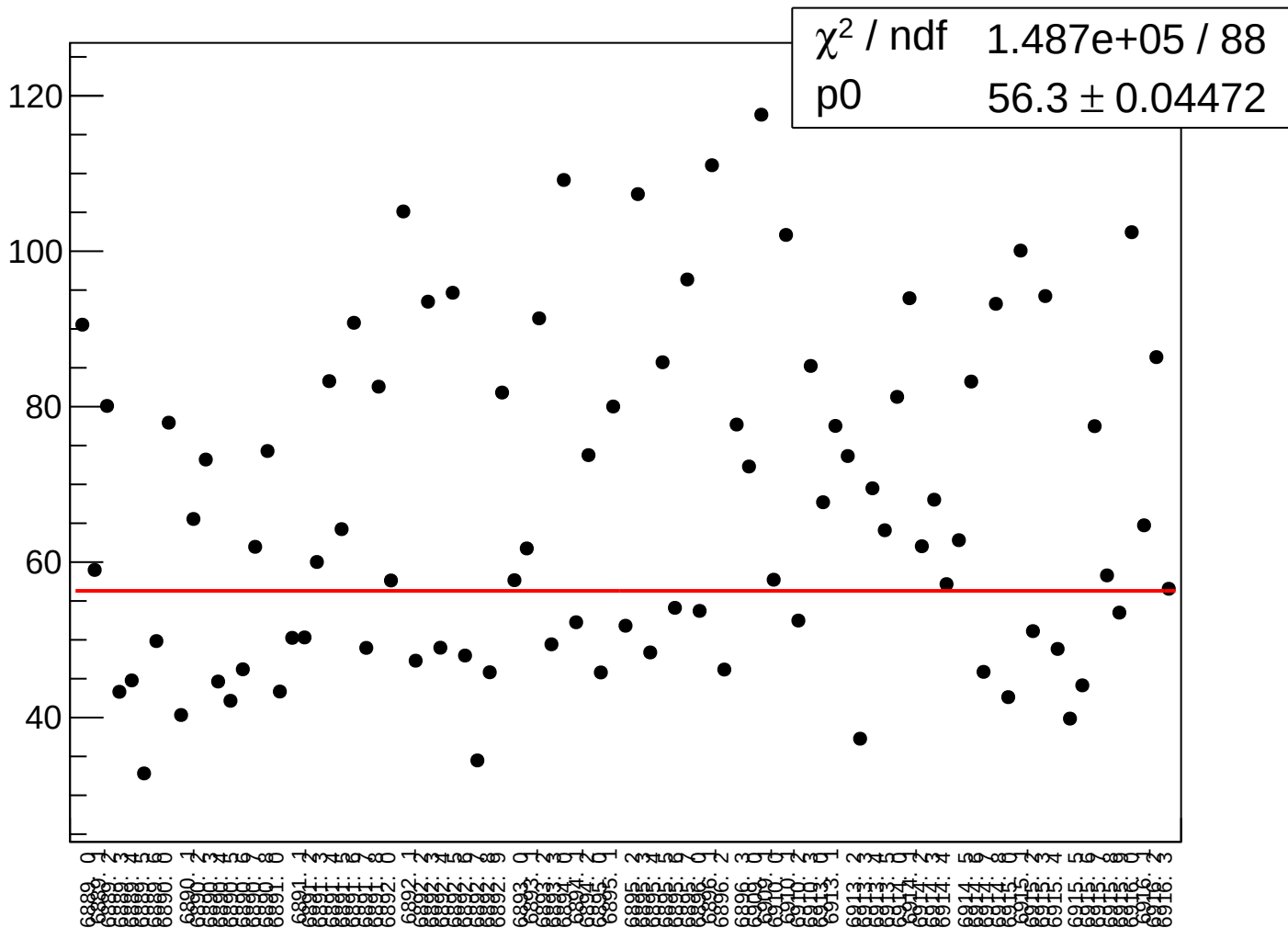
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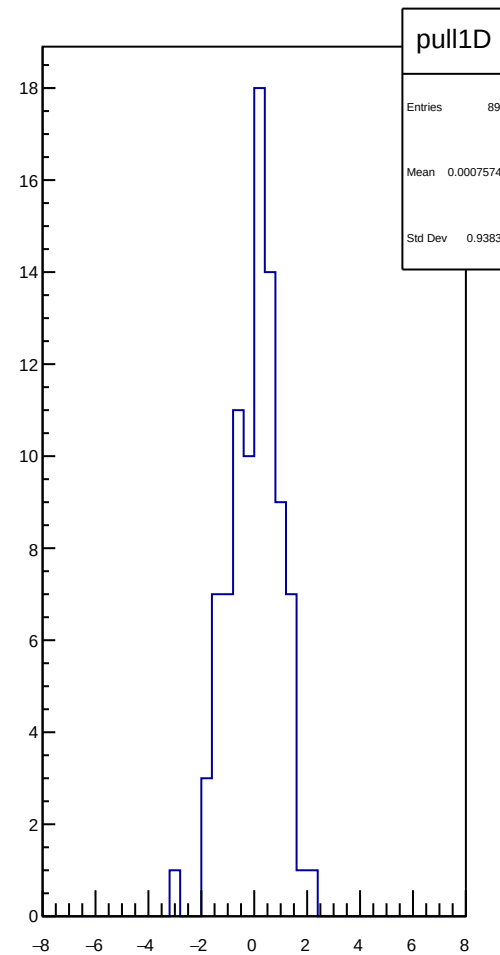
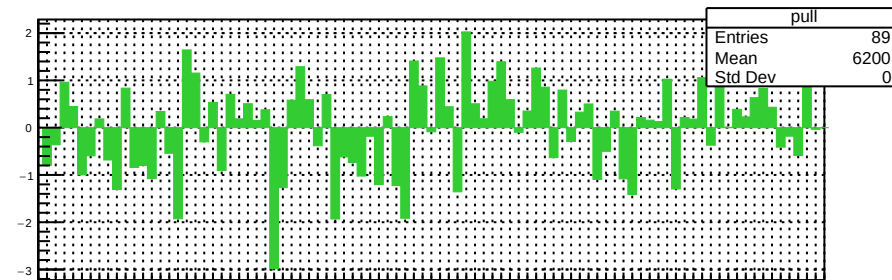
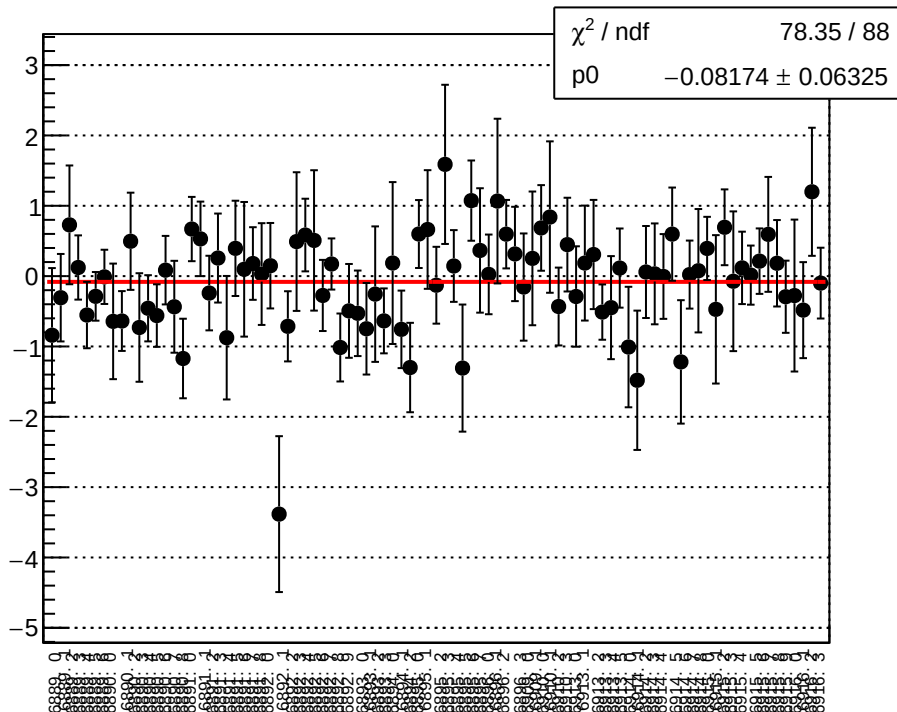
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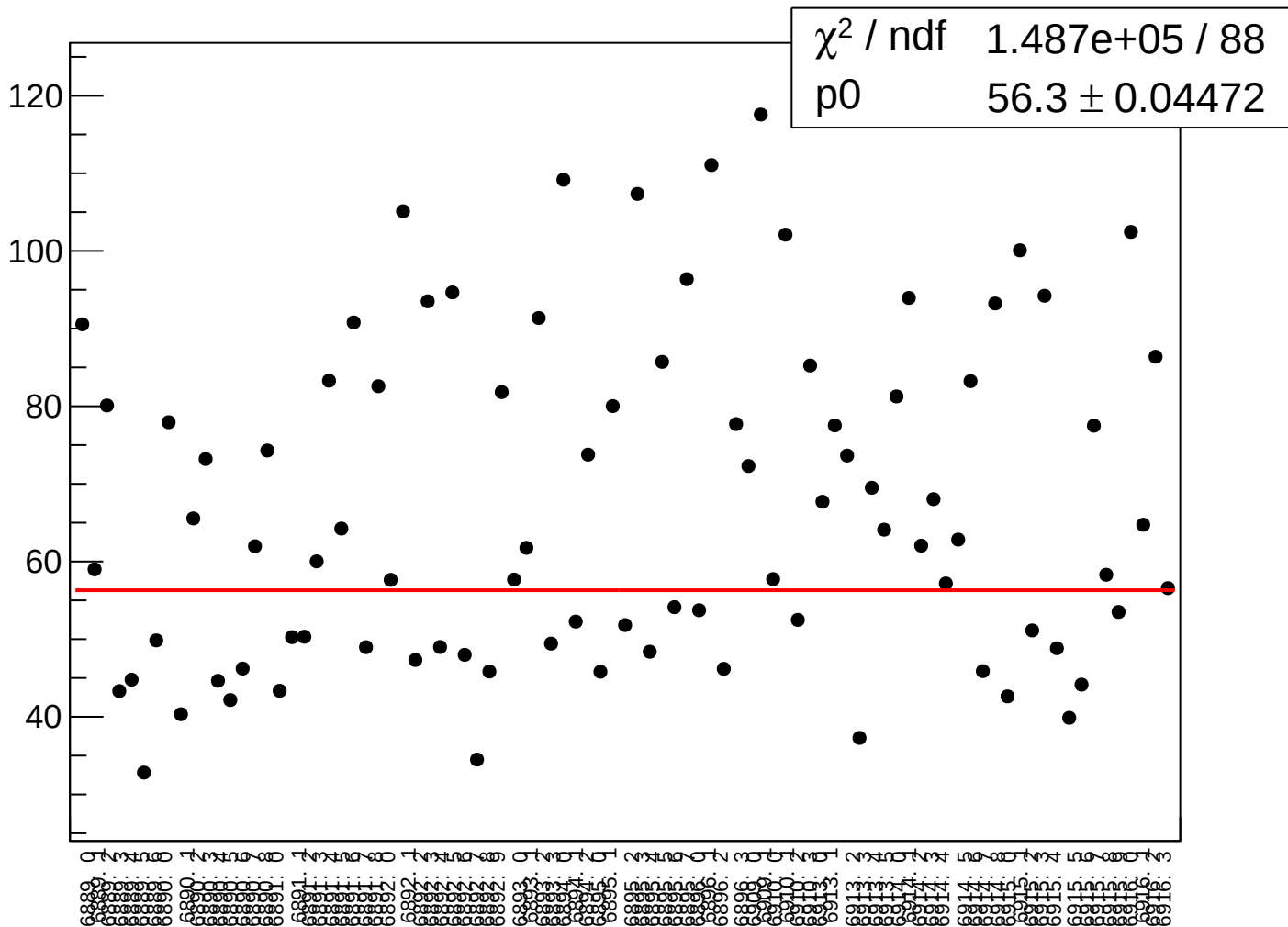
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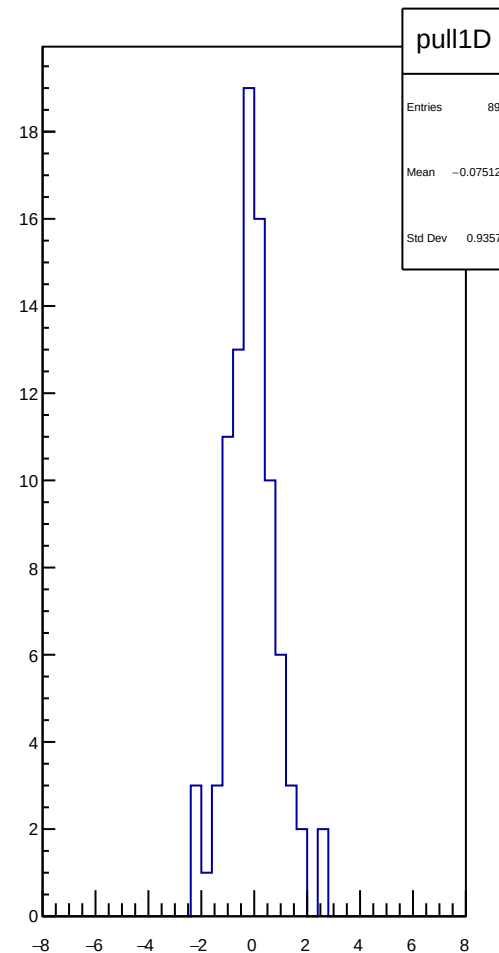
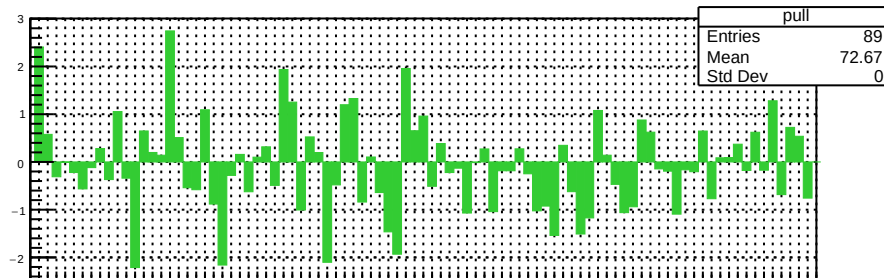
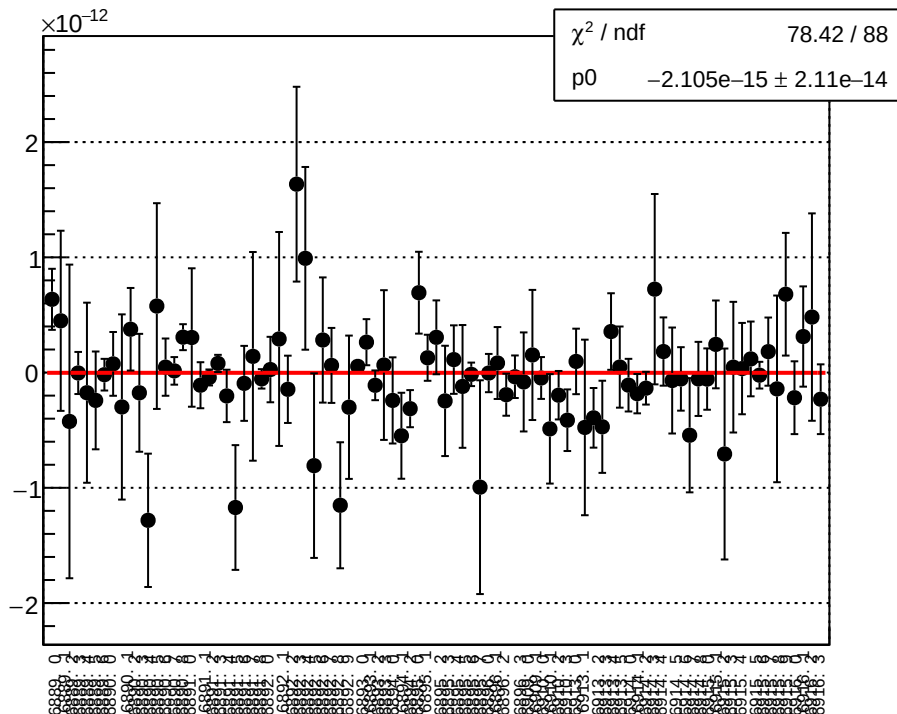
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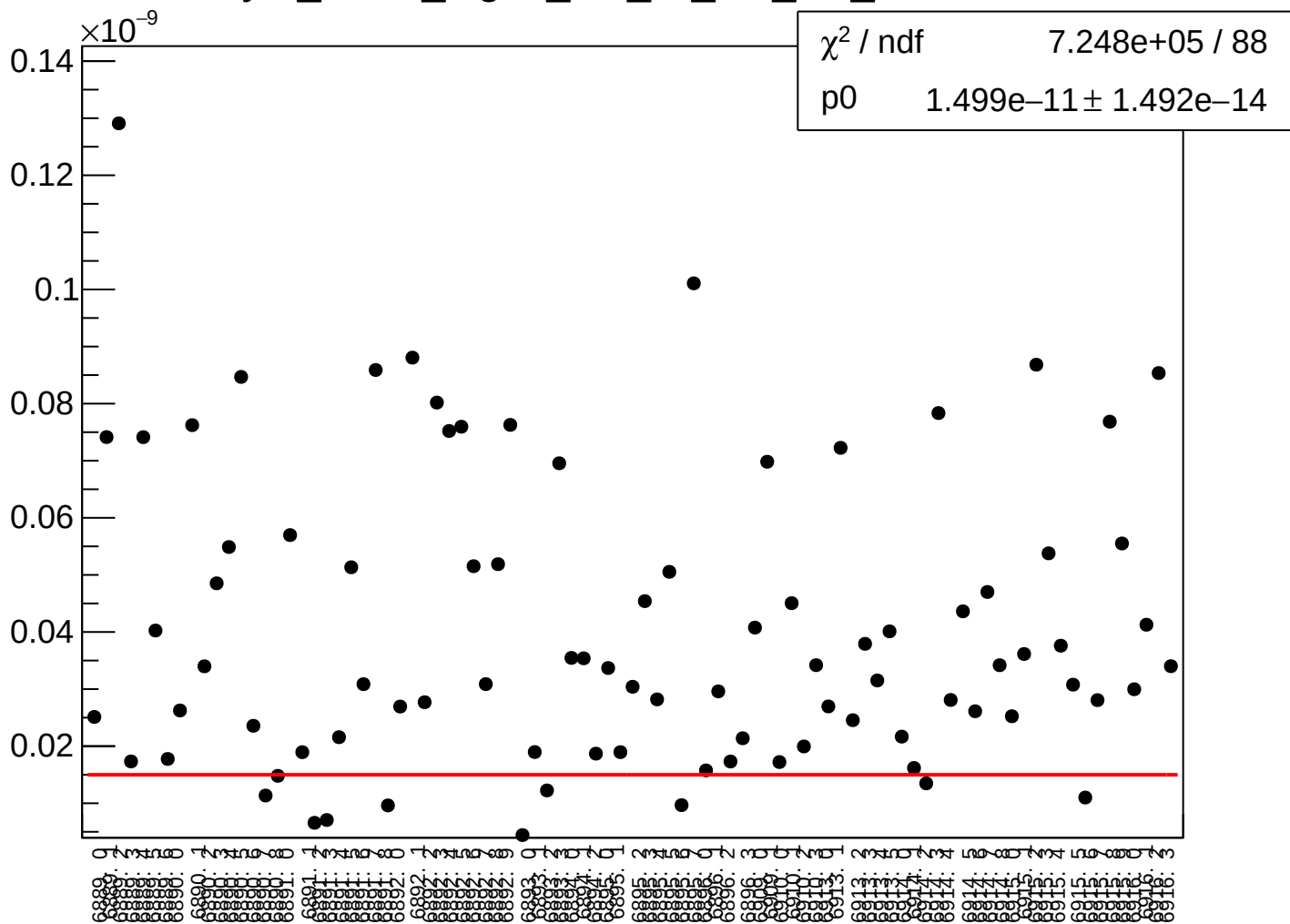
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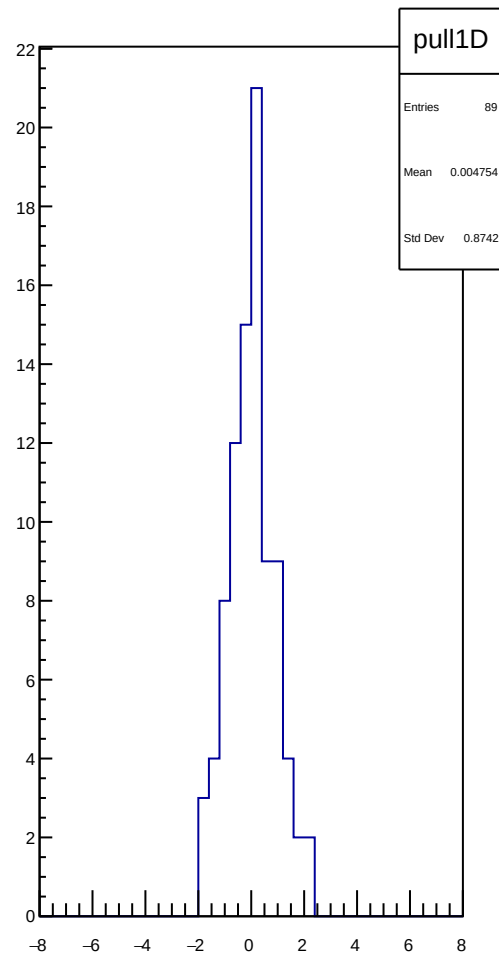
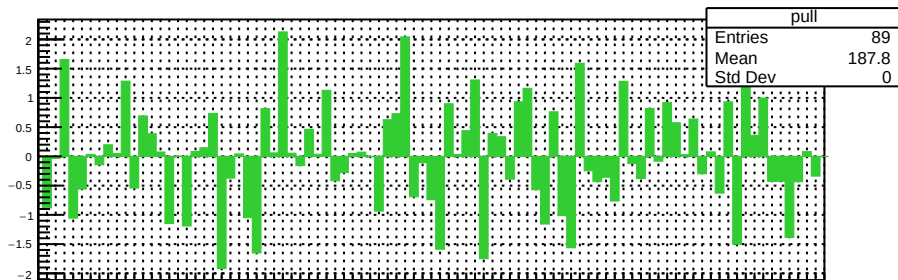
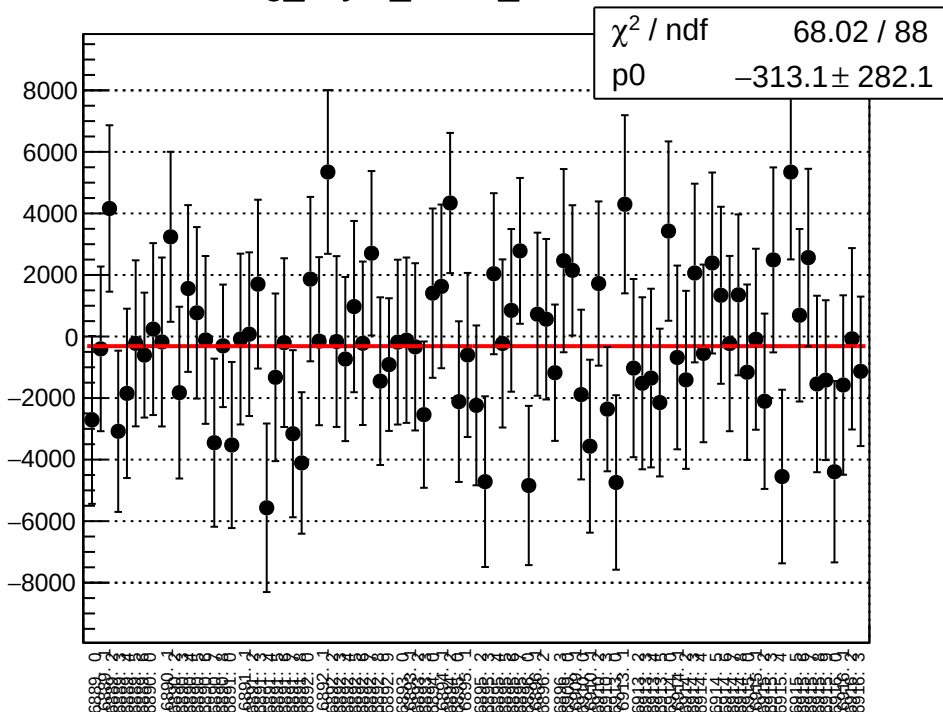
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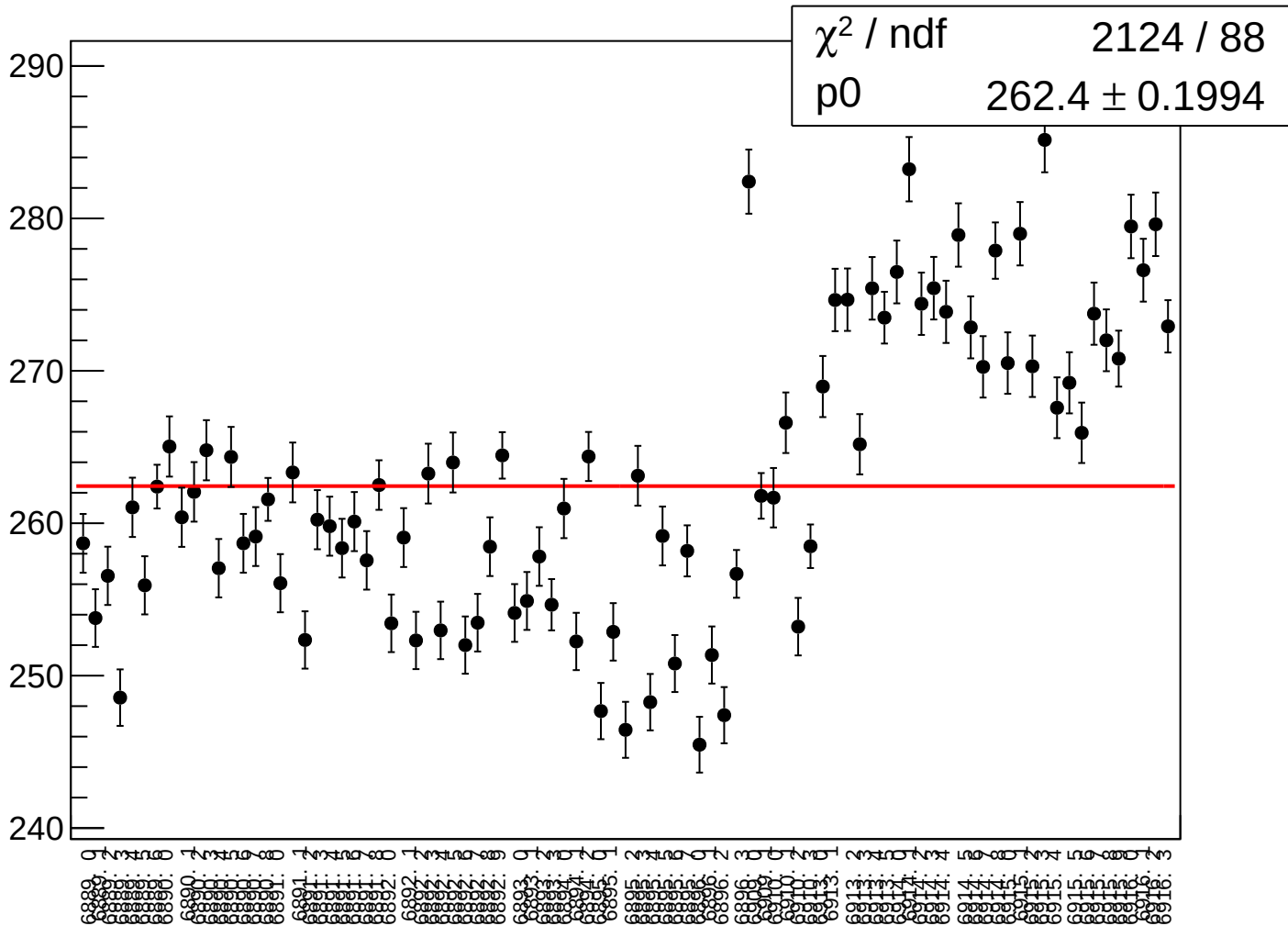
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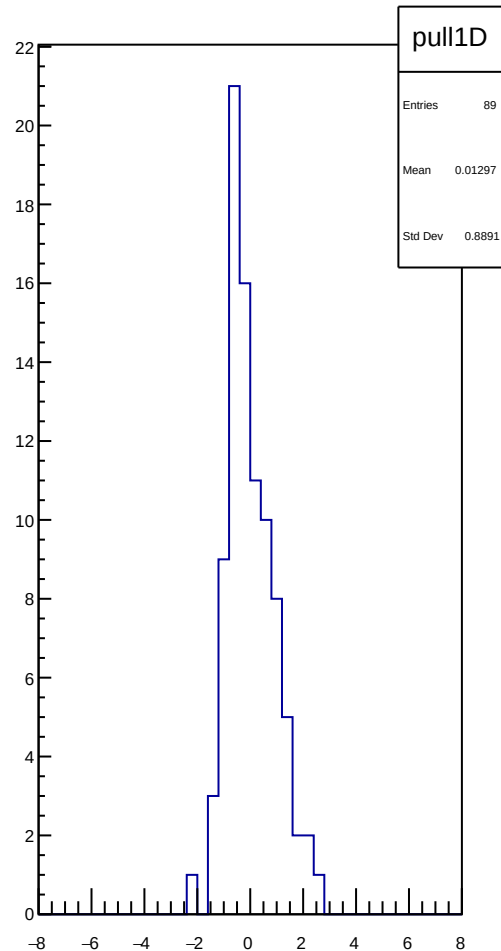
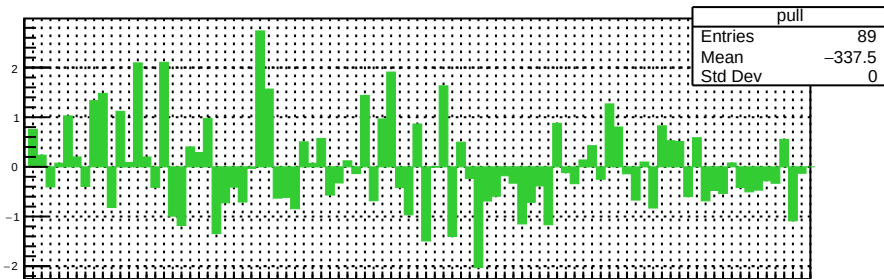
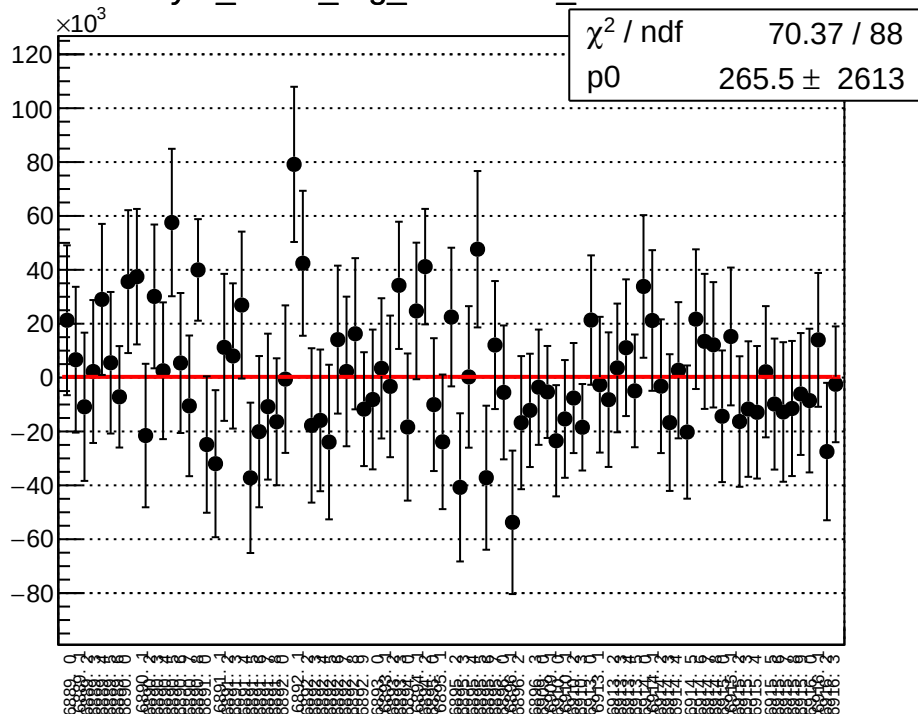
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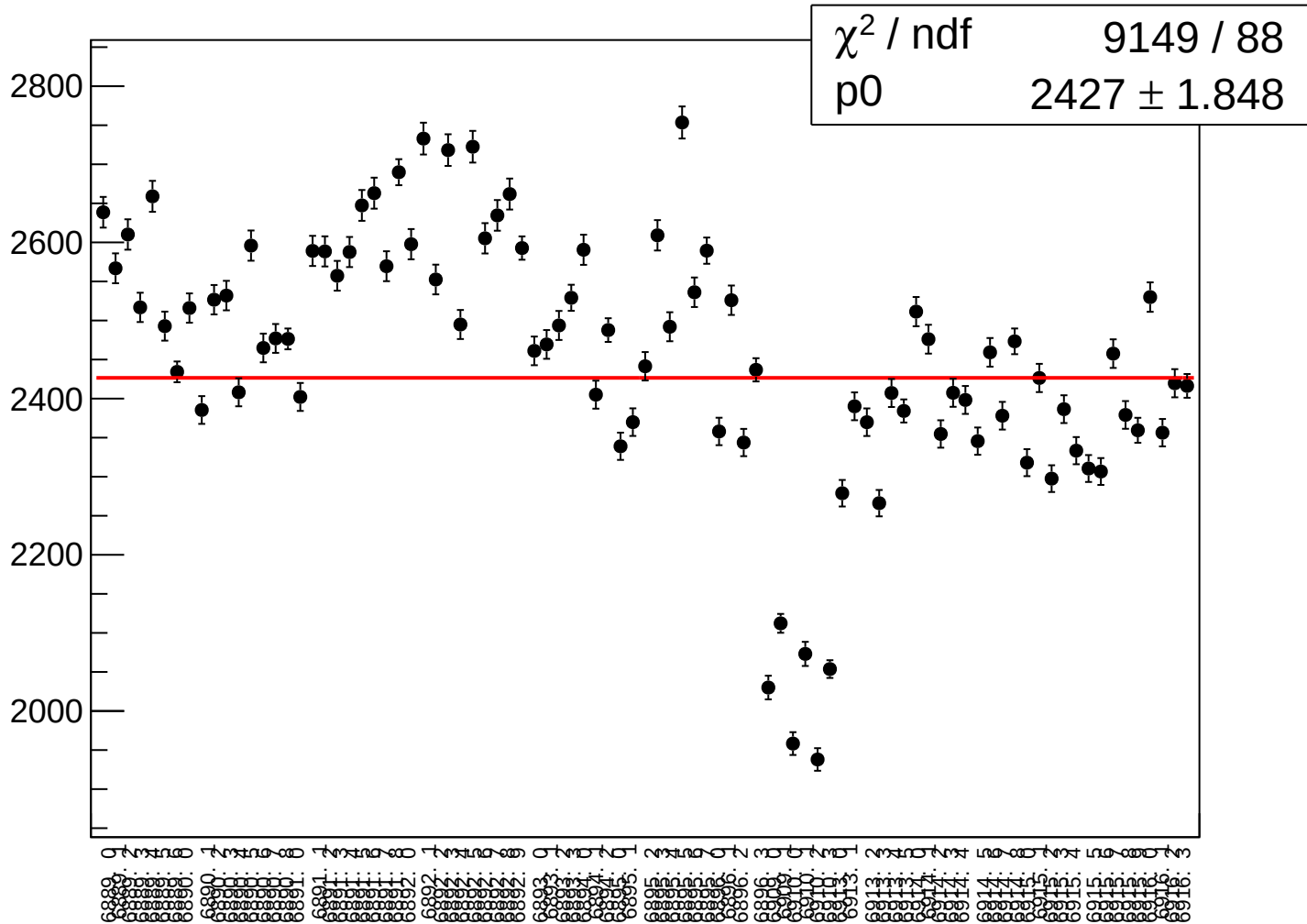
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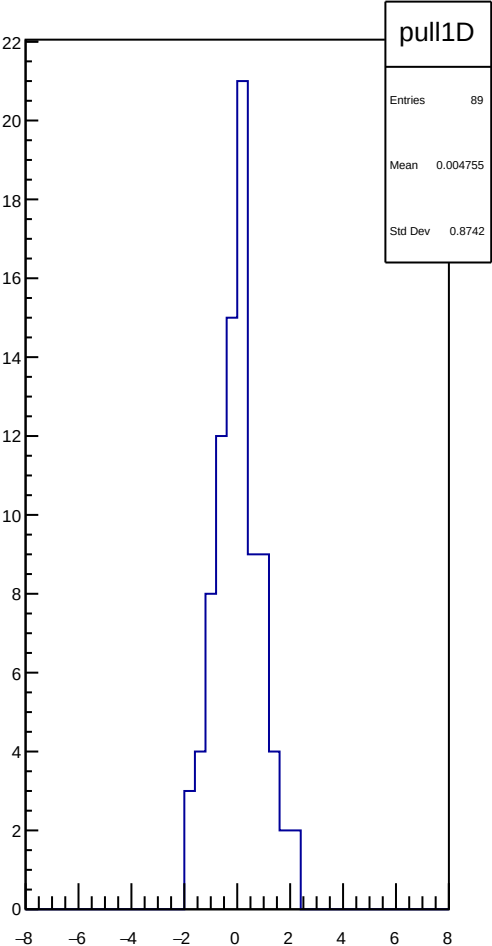
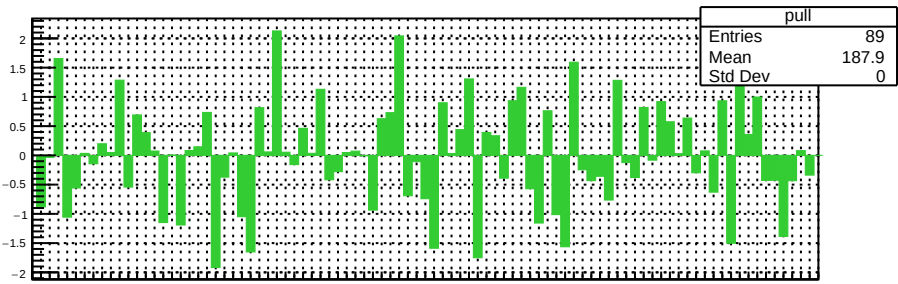
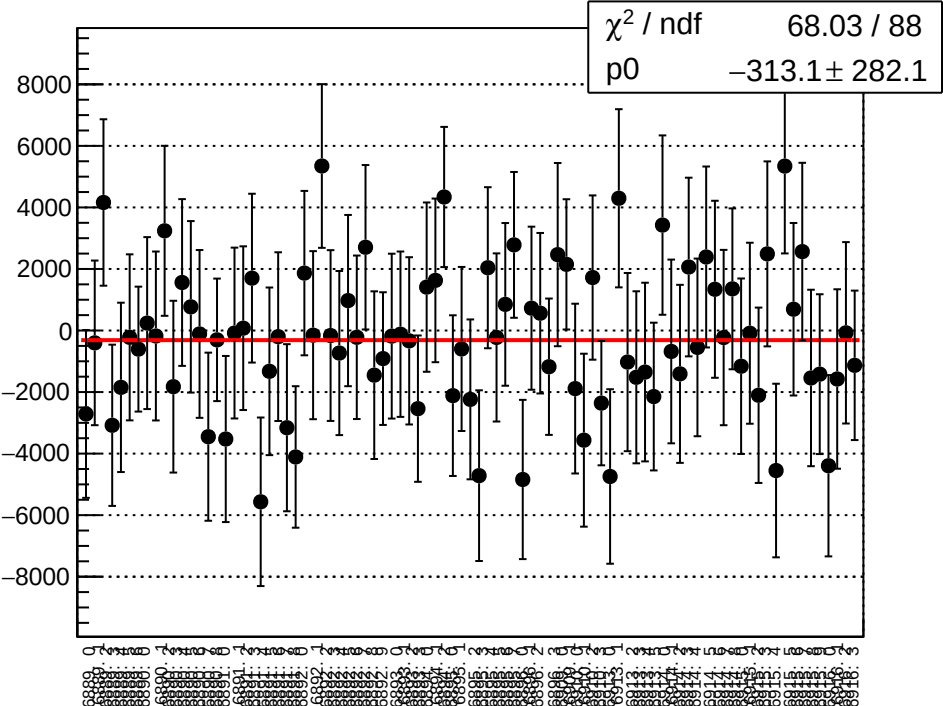
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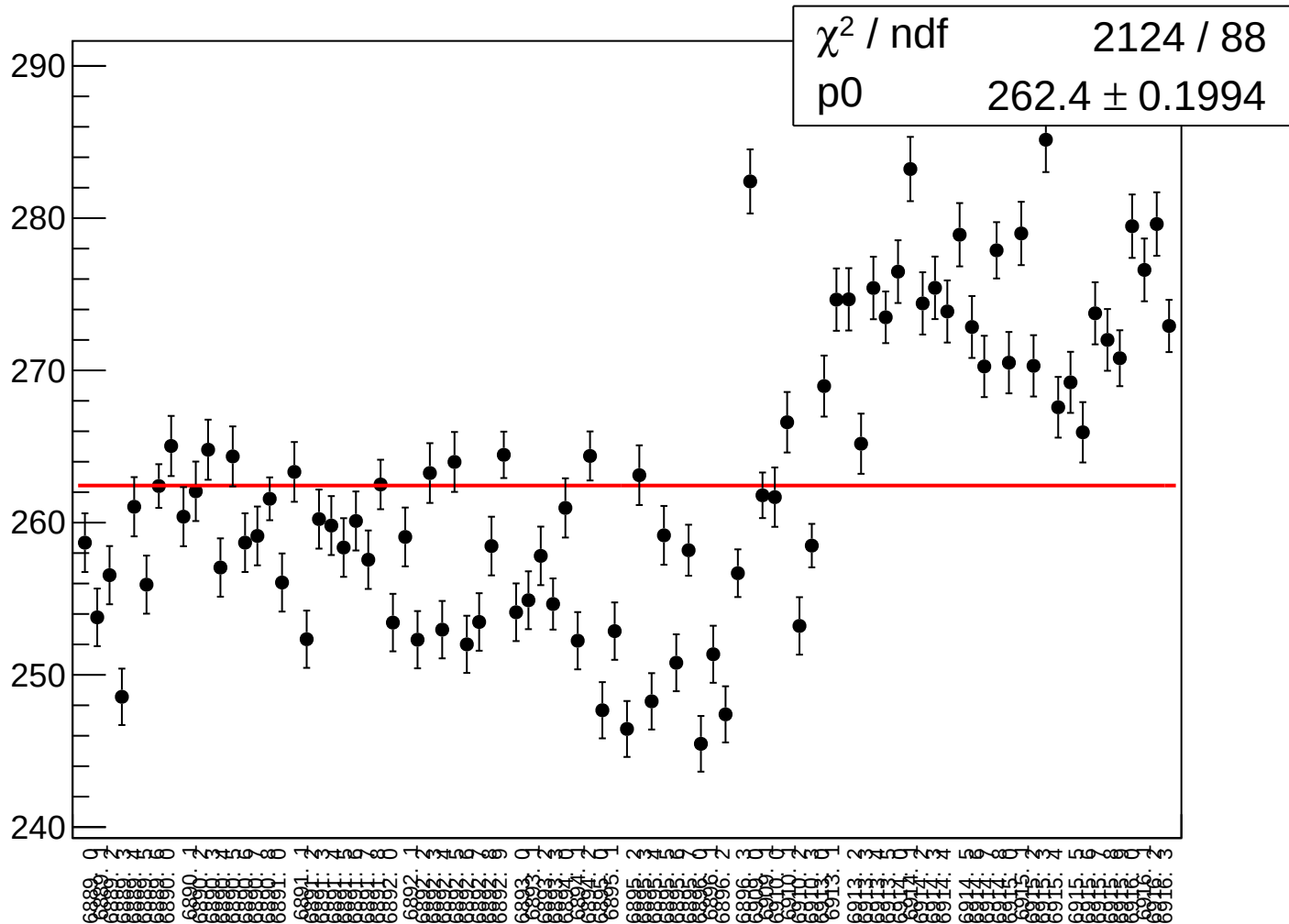
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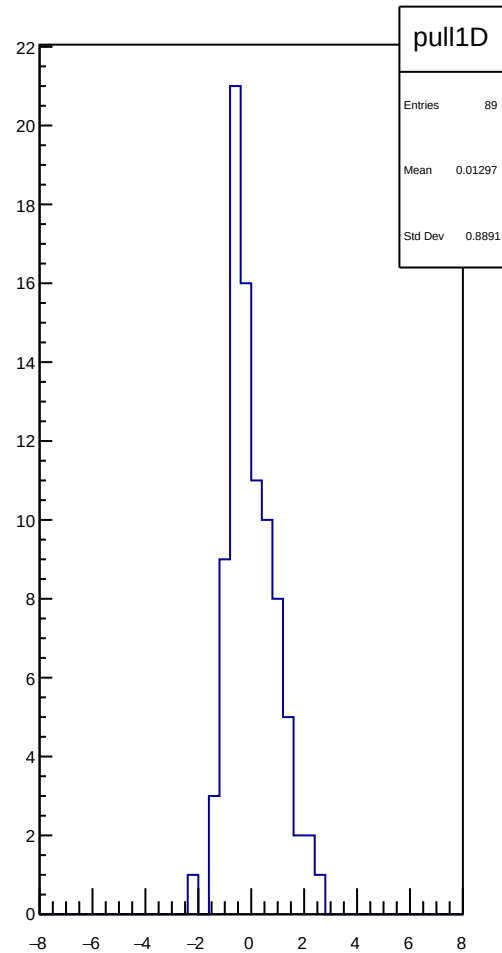
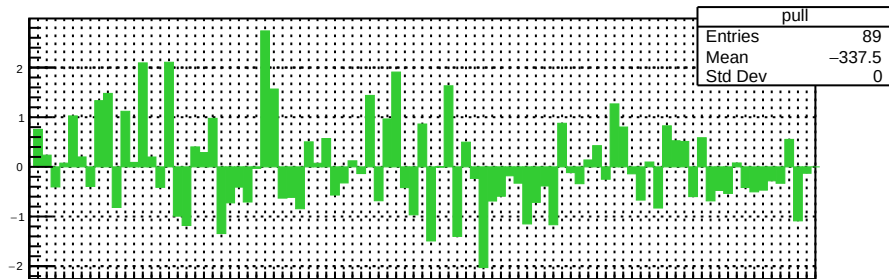
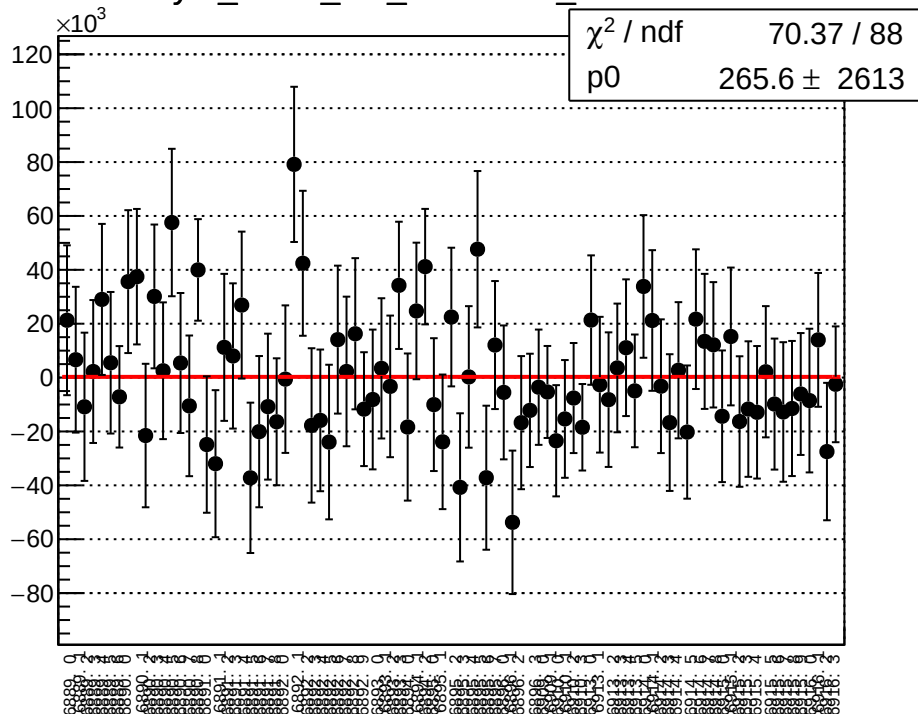
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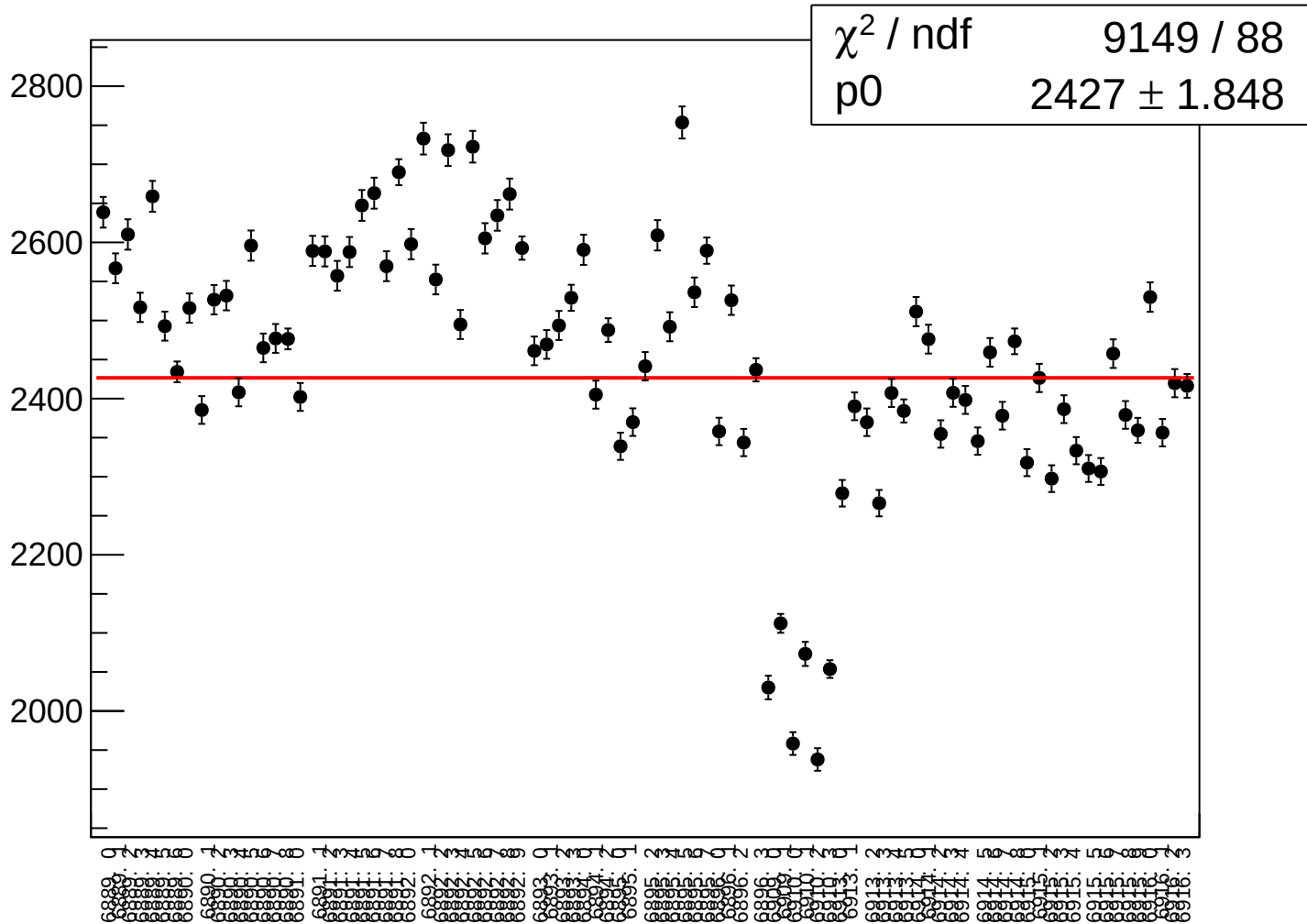
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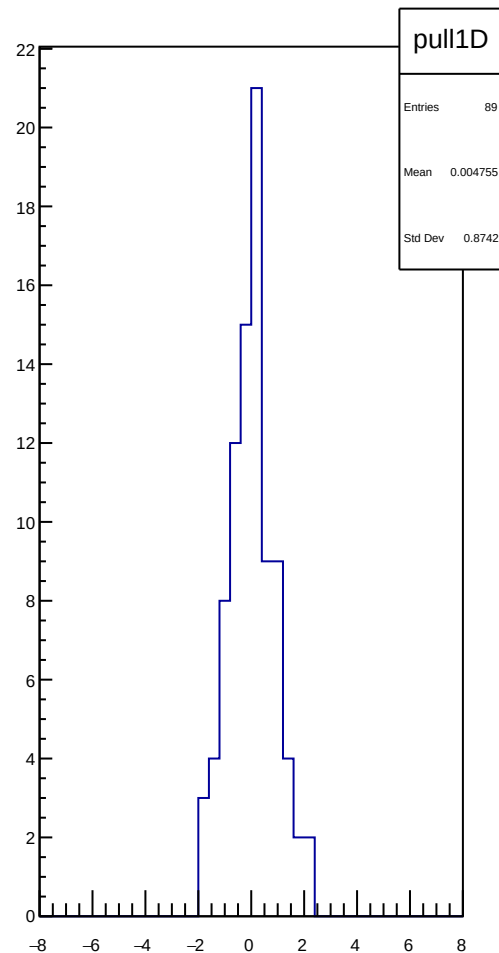
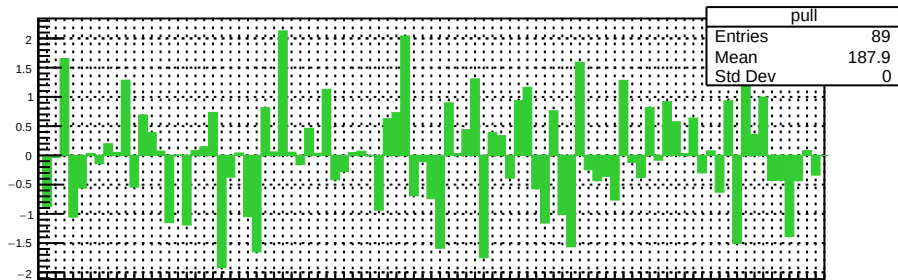
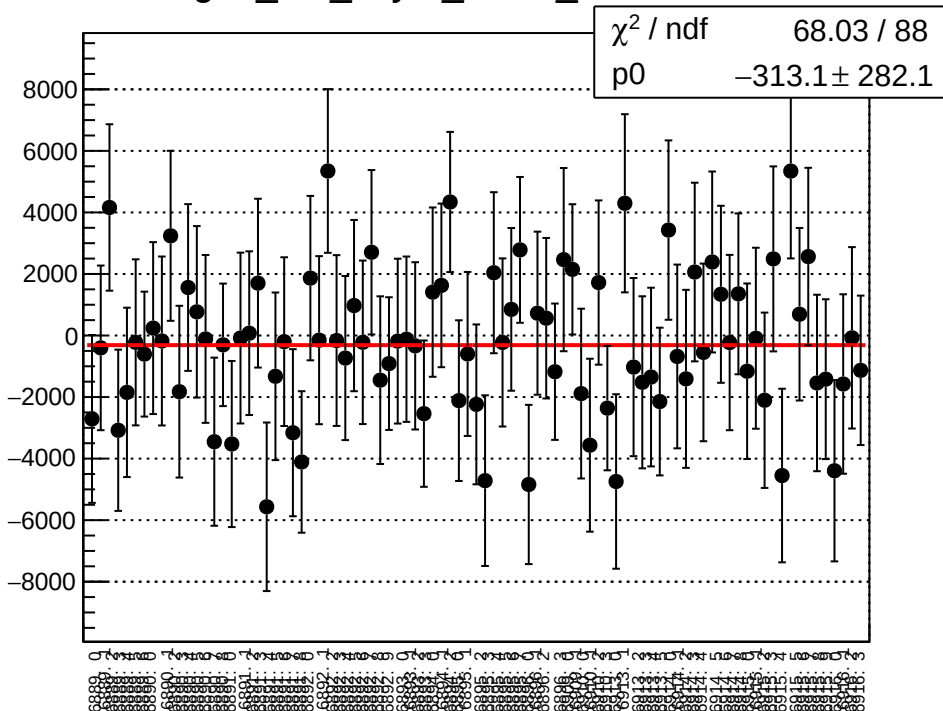
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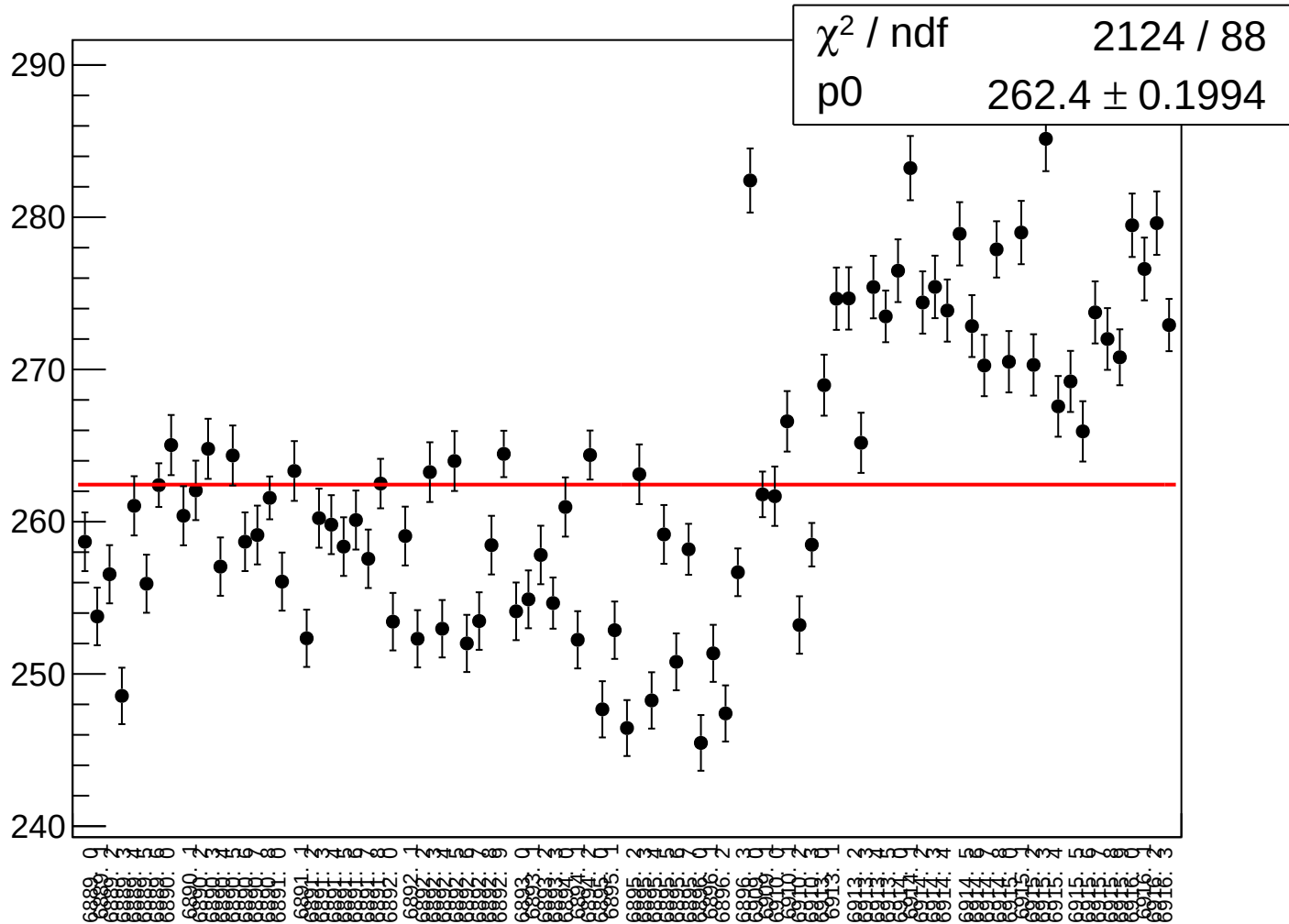
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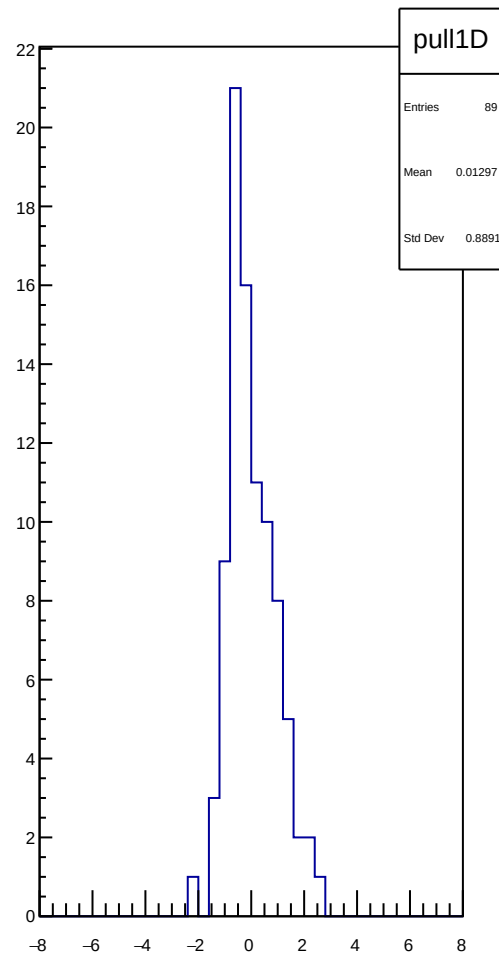
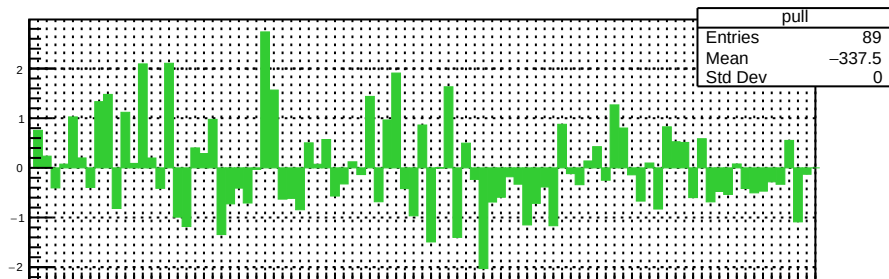
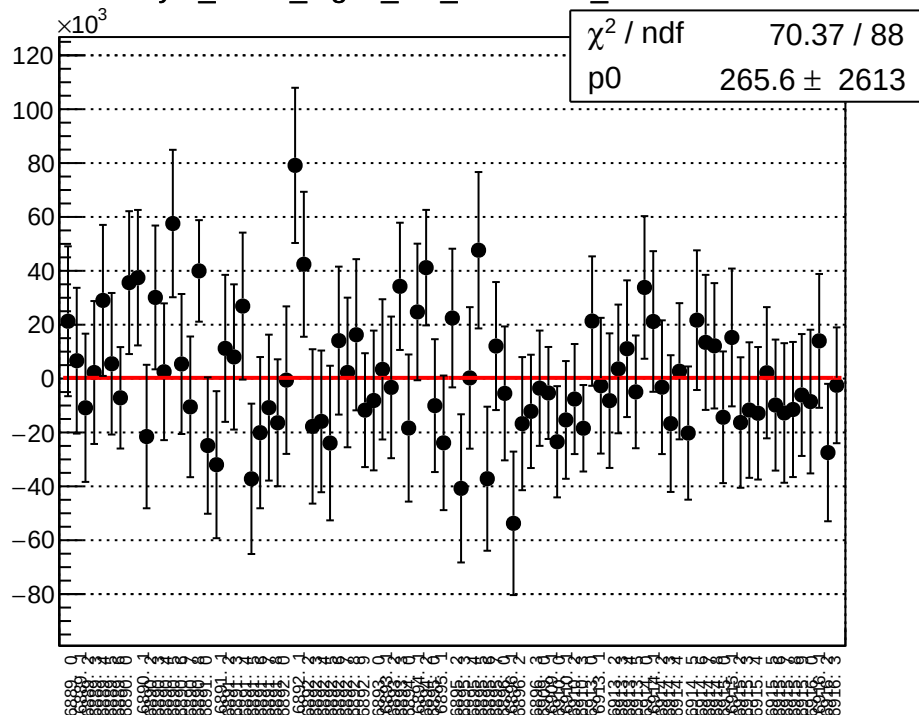
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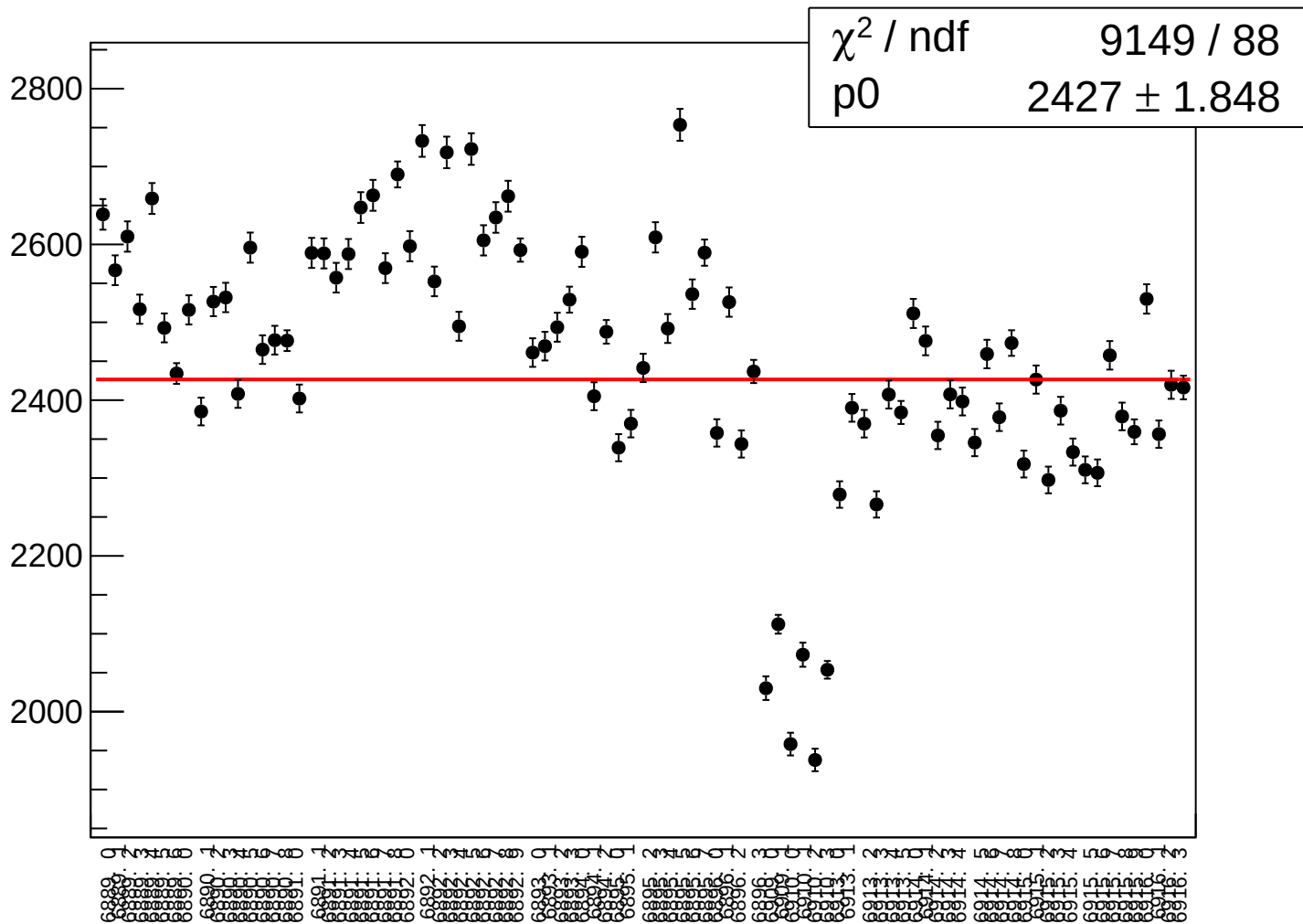
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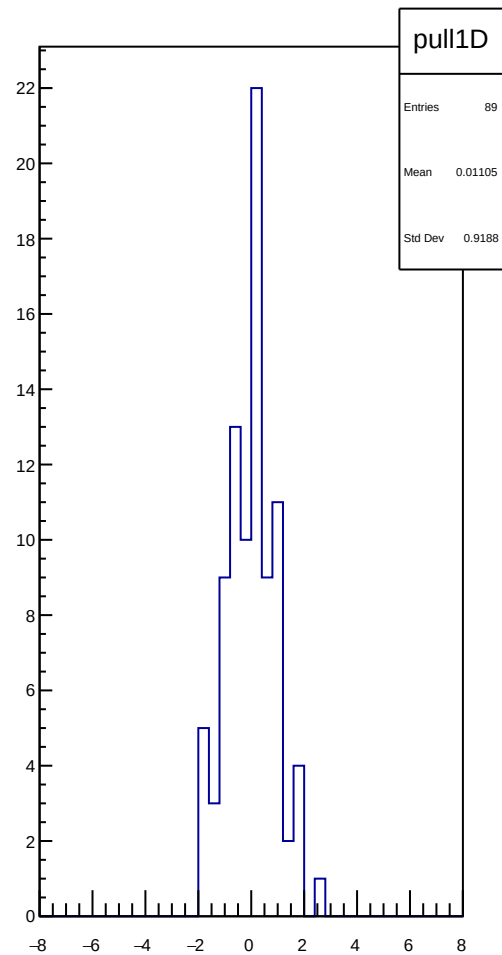
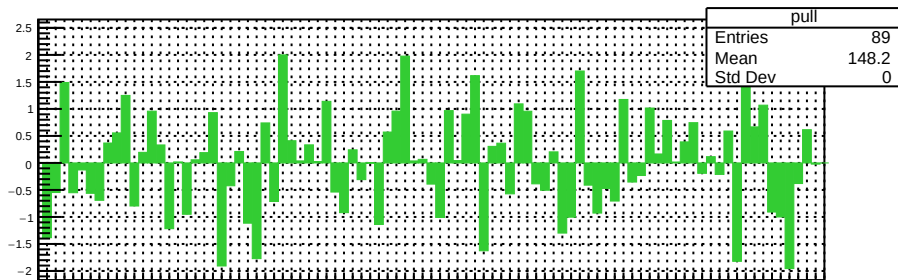
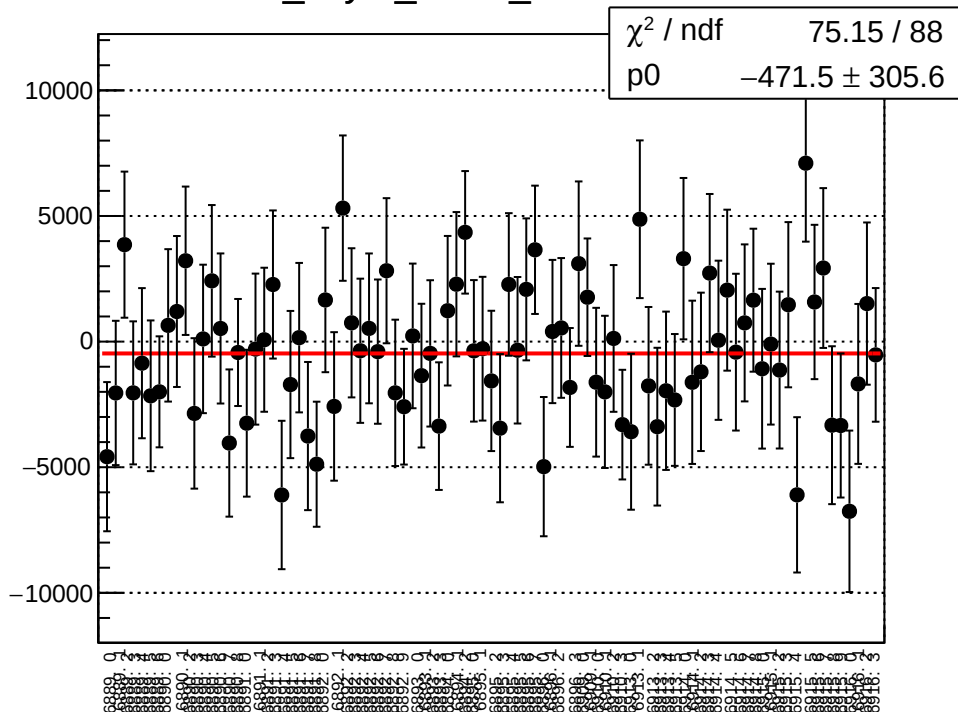
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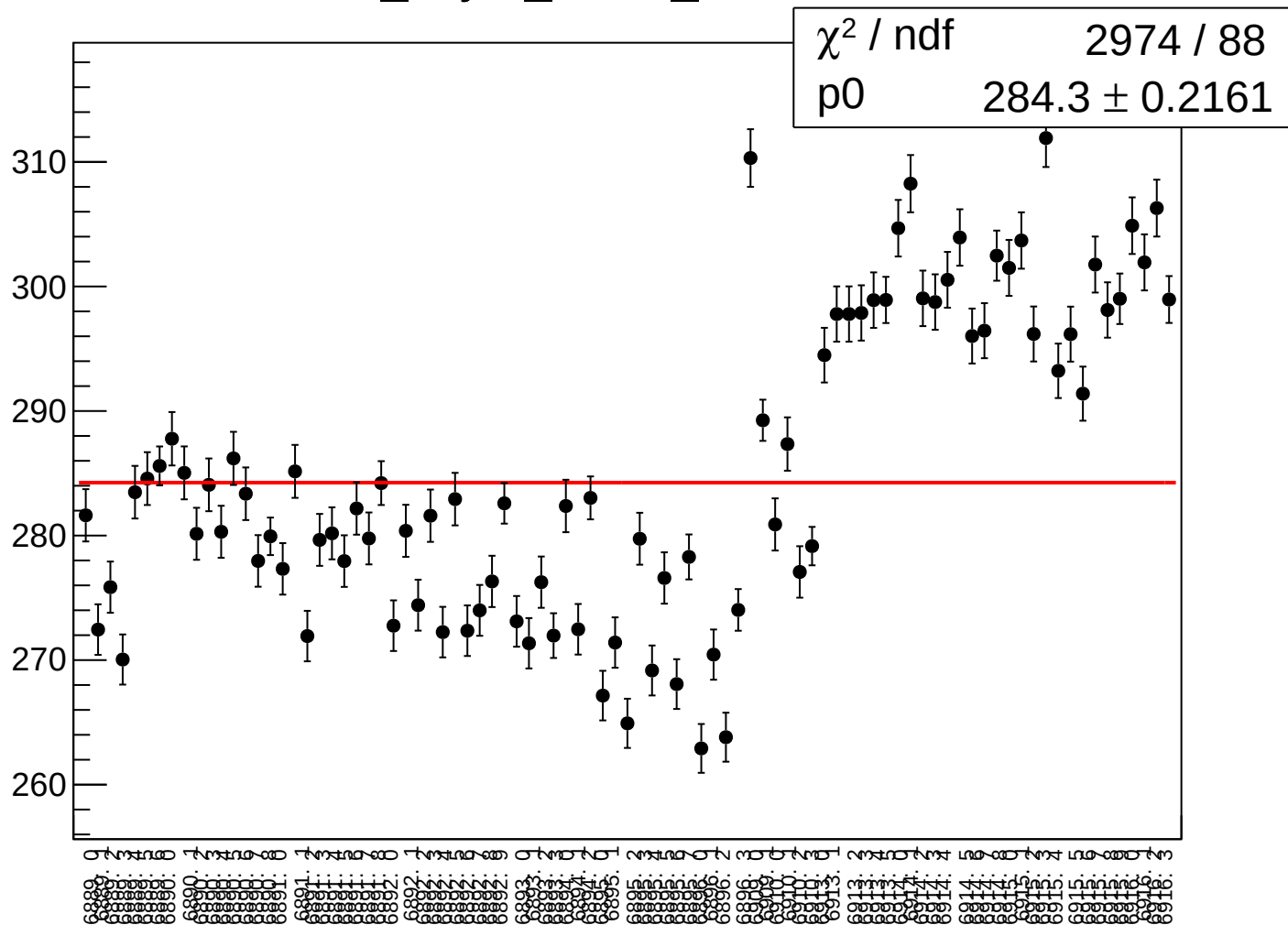
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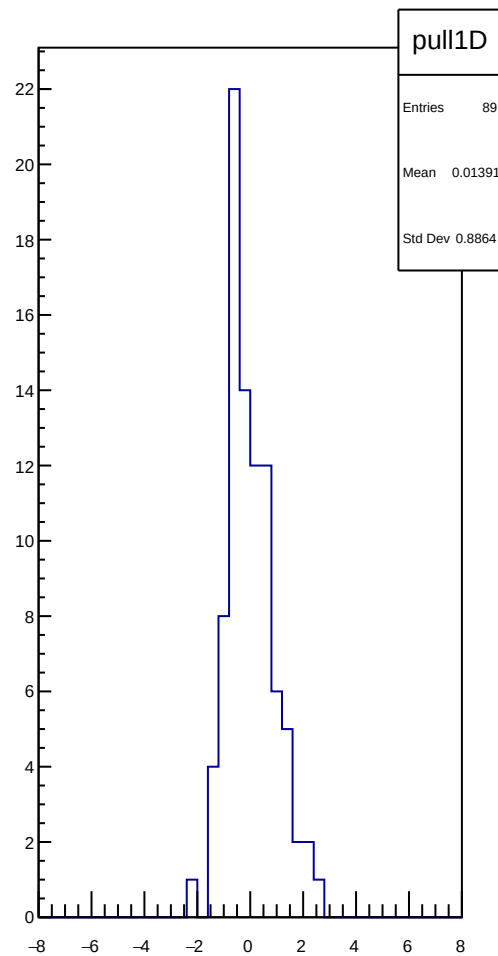
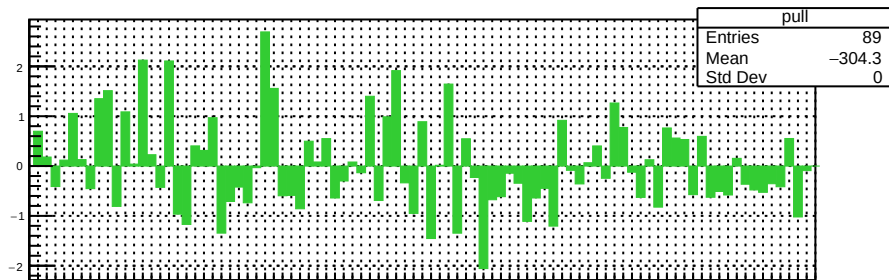
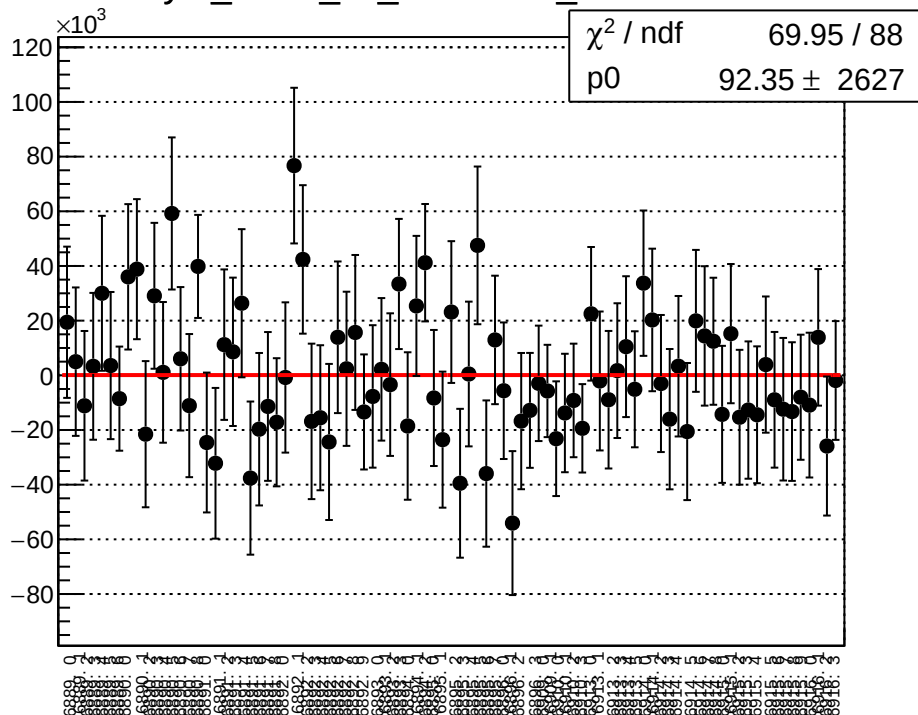
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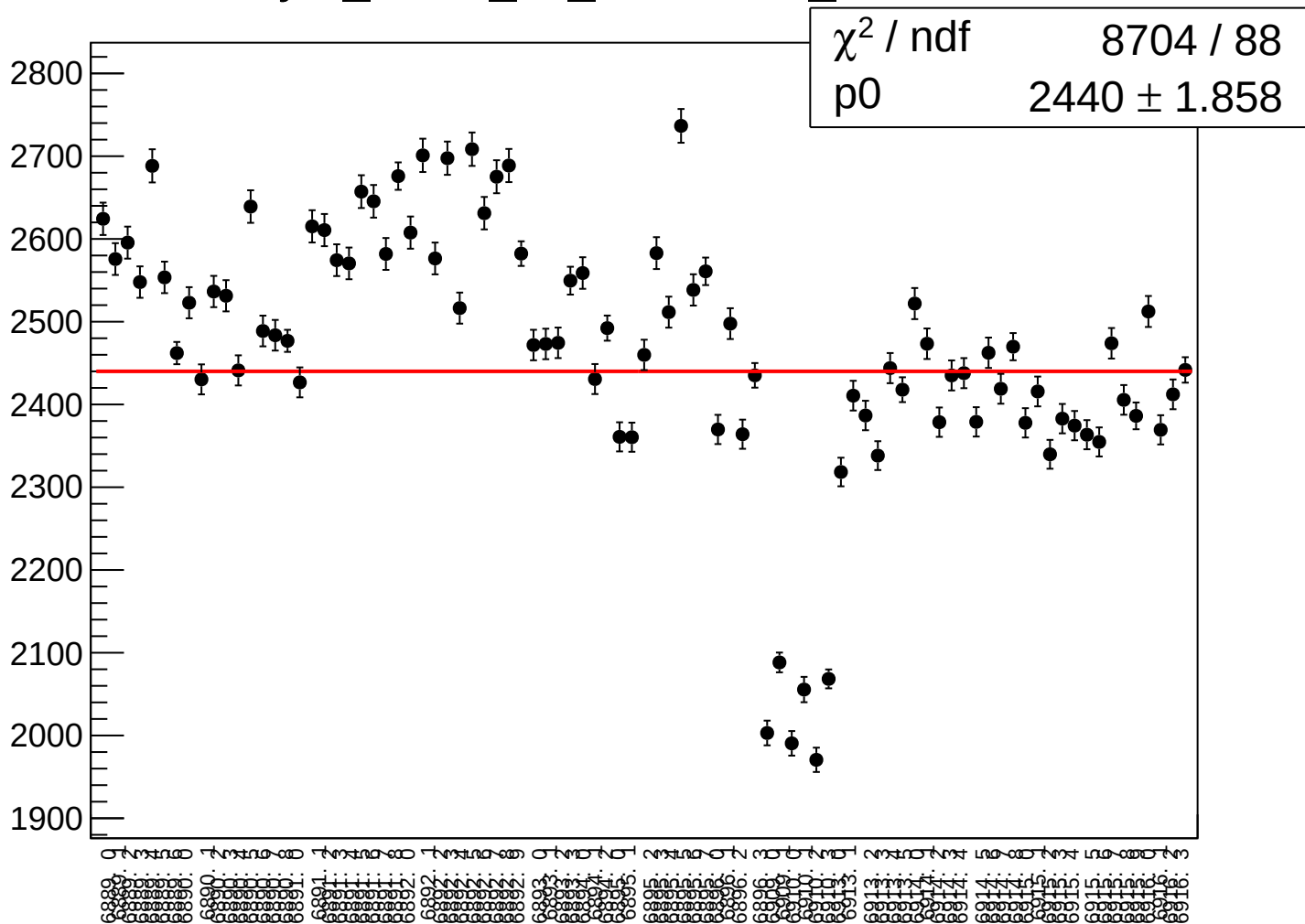
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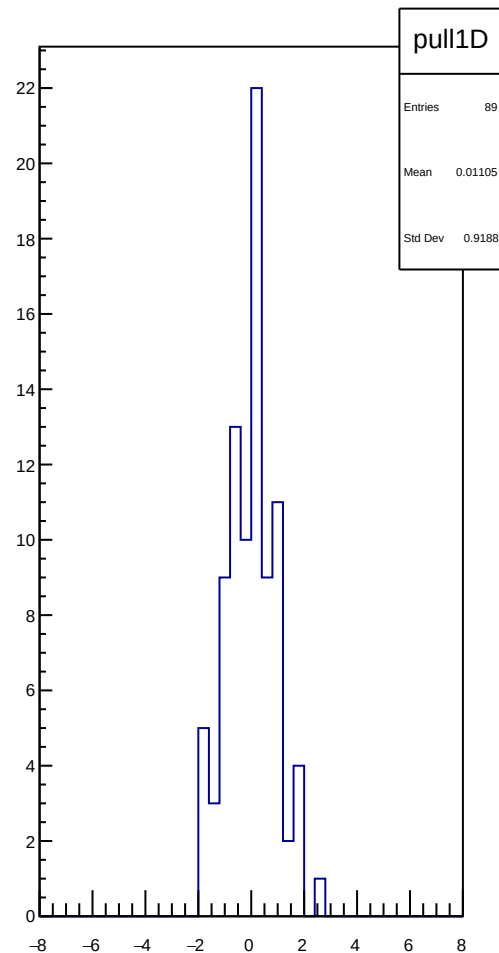
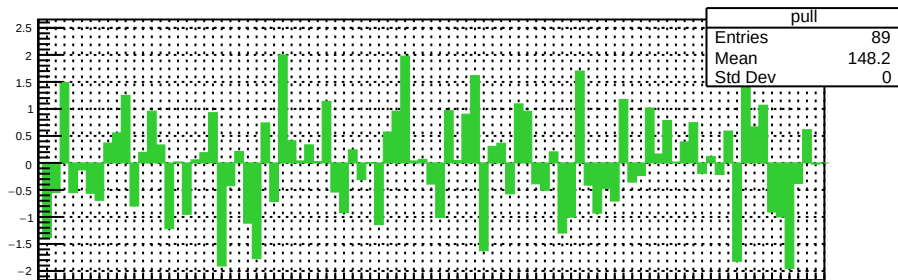
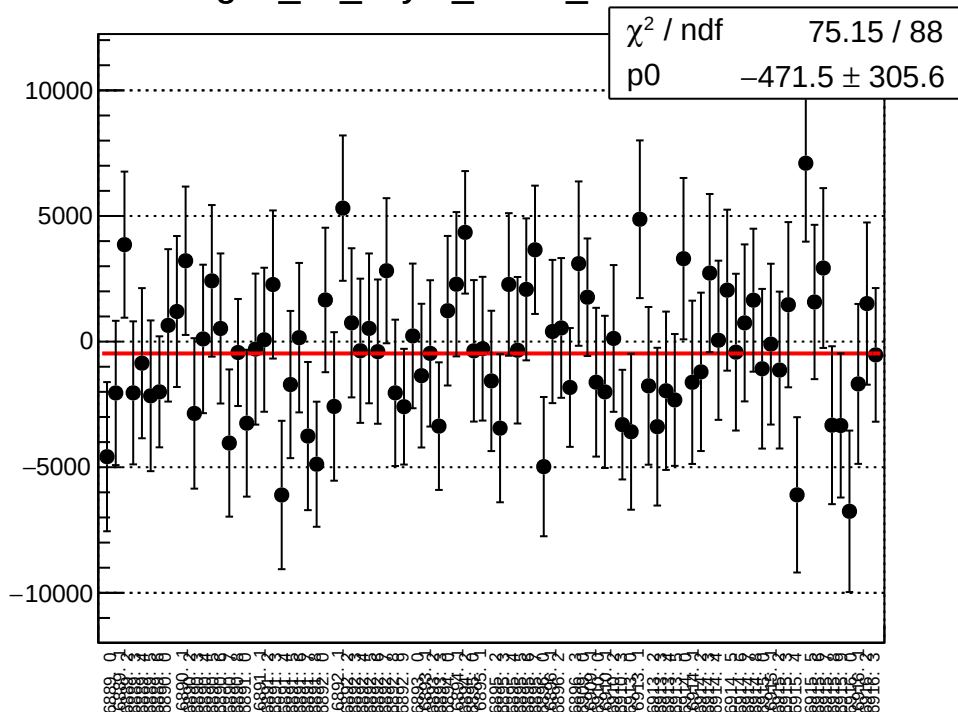
asym_sam4_dit_correction_mean vs run



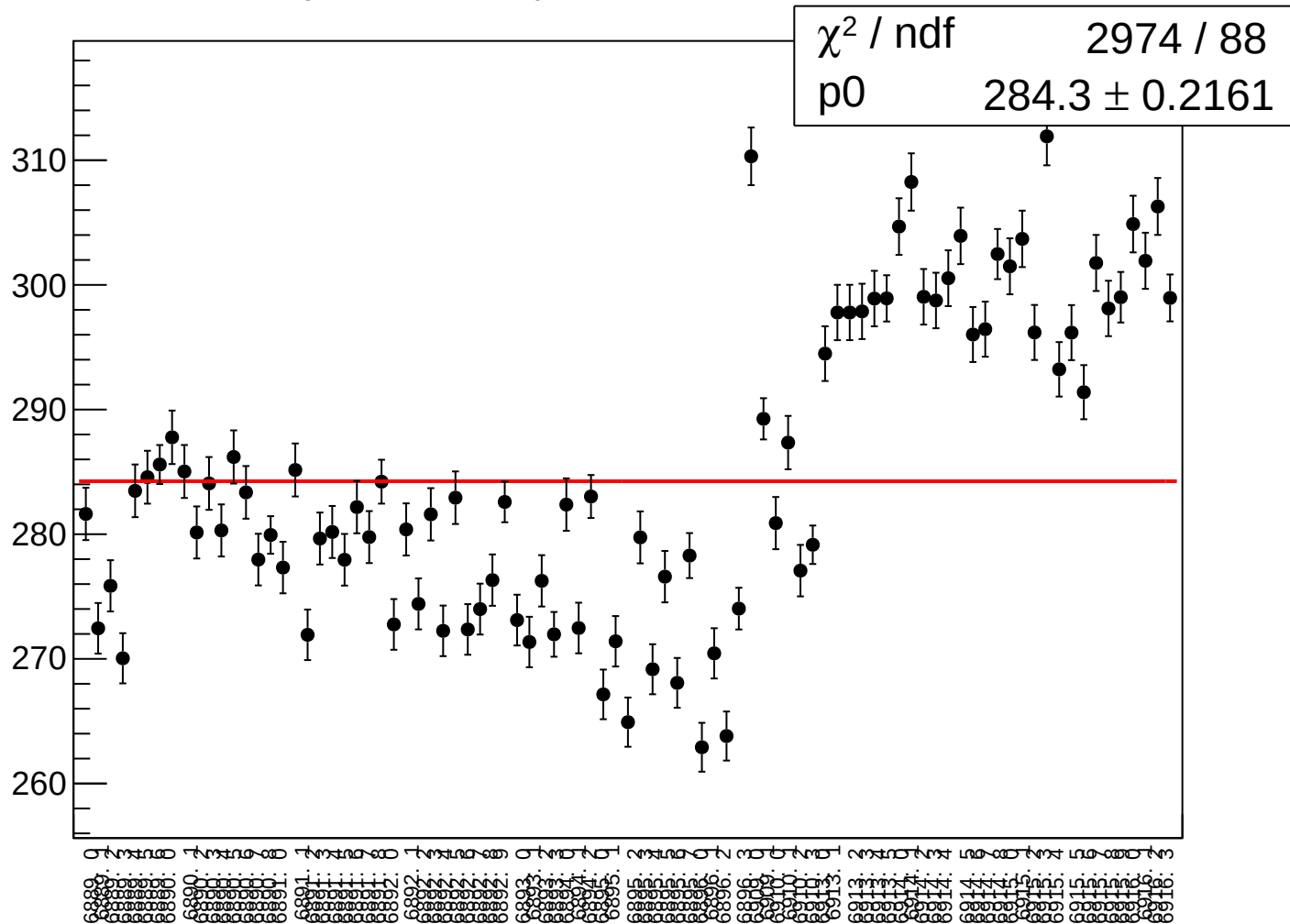
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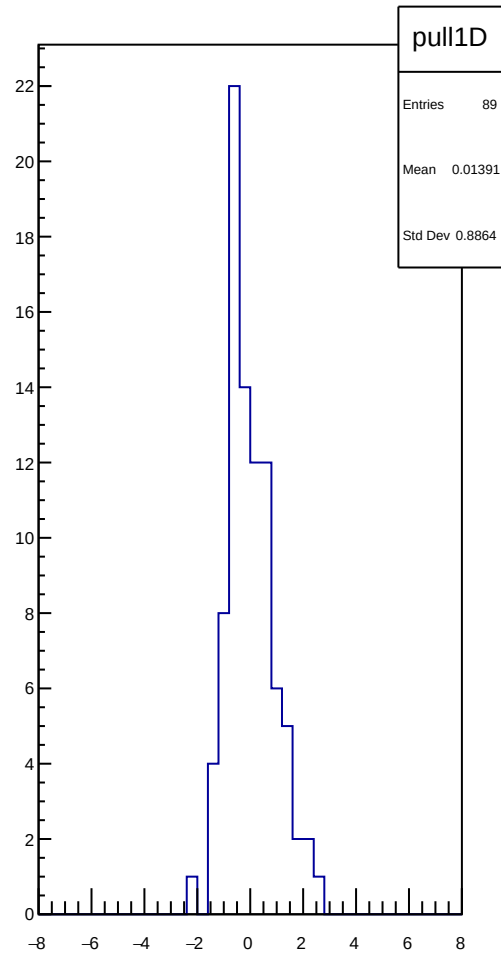
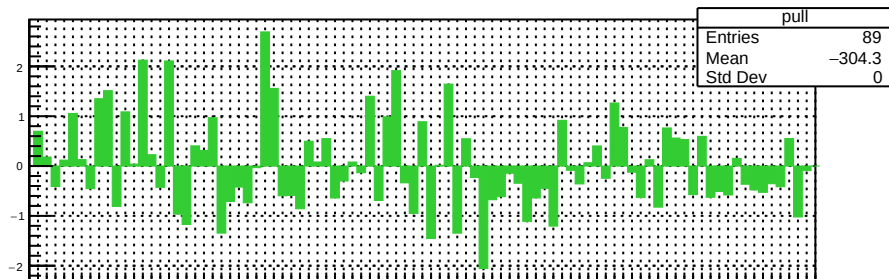
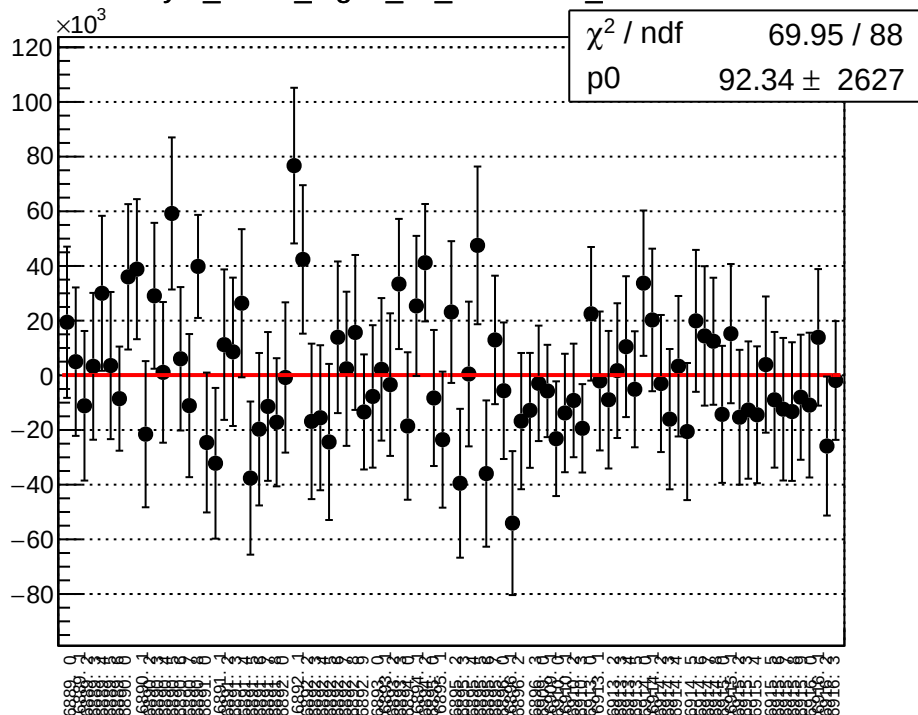
eigen_dit_asym_sam4_mean vs run



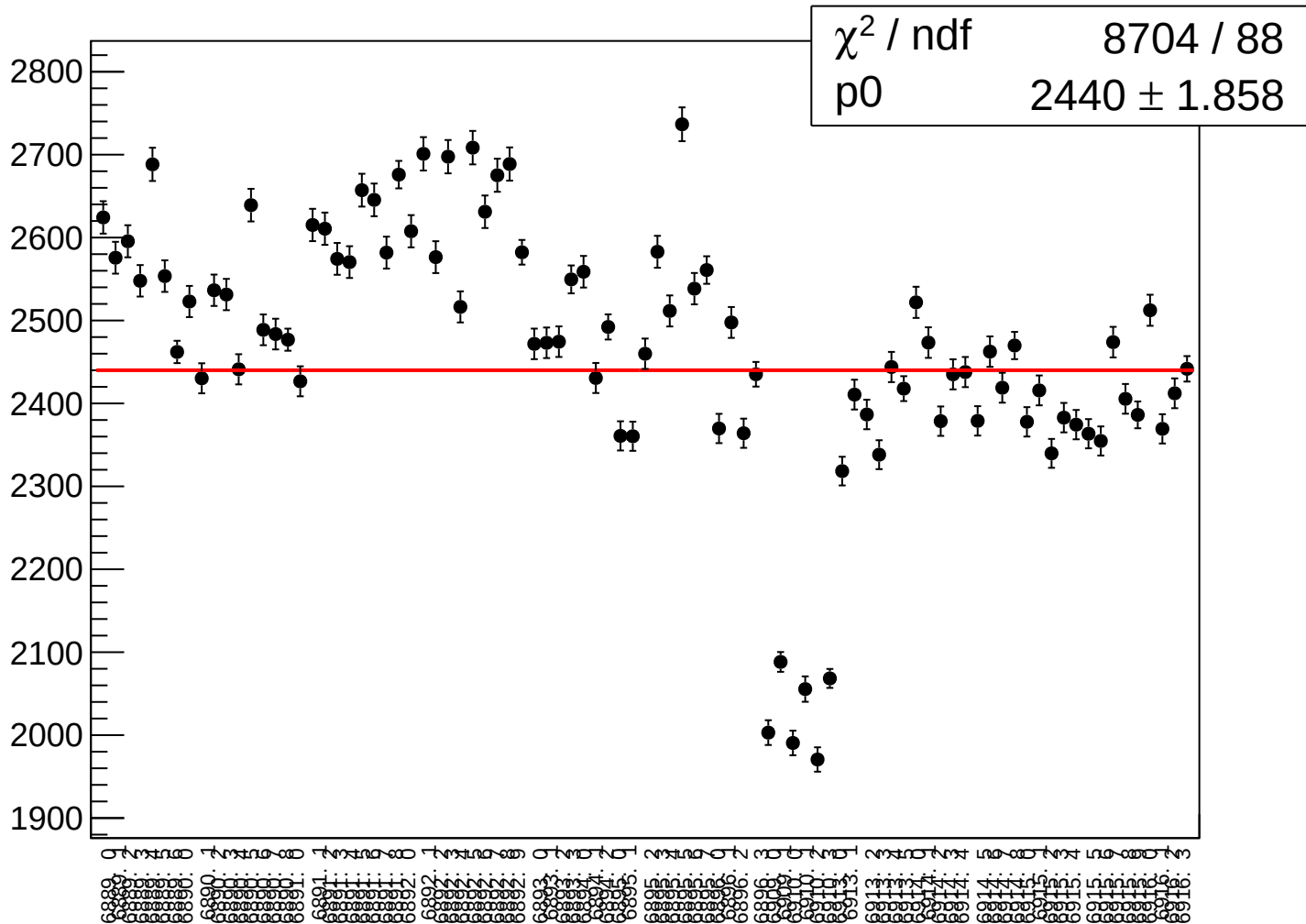
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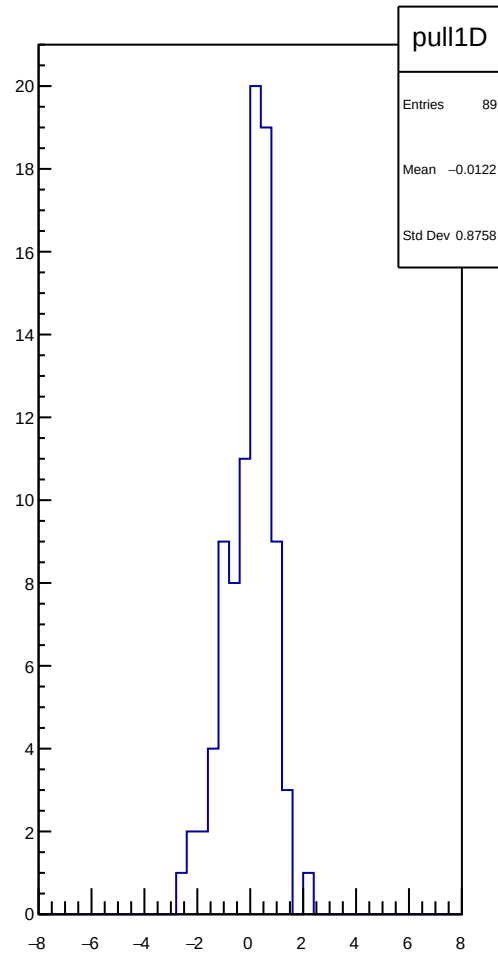
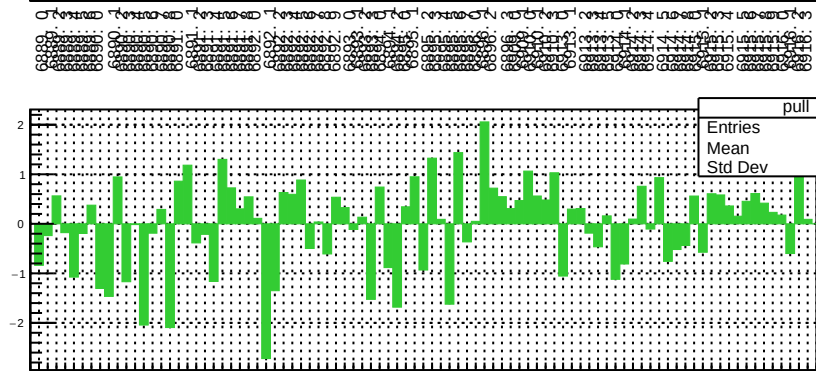
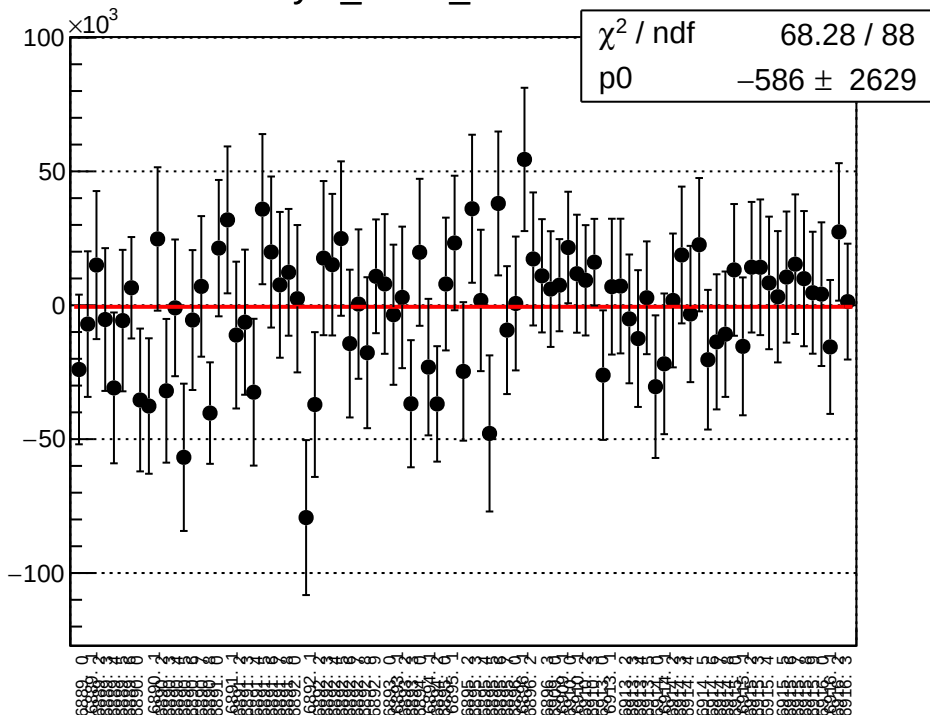
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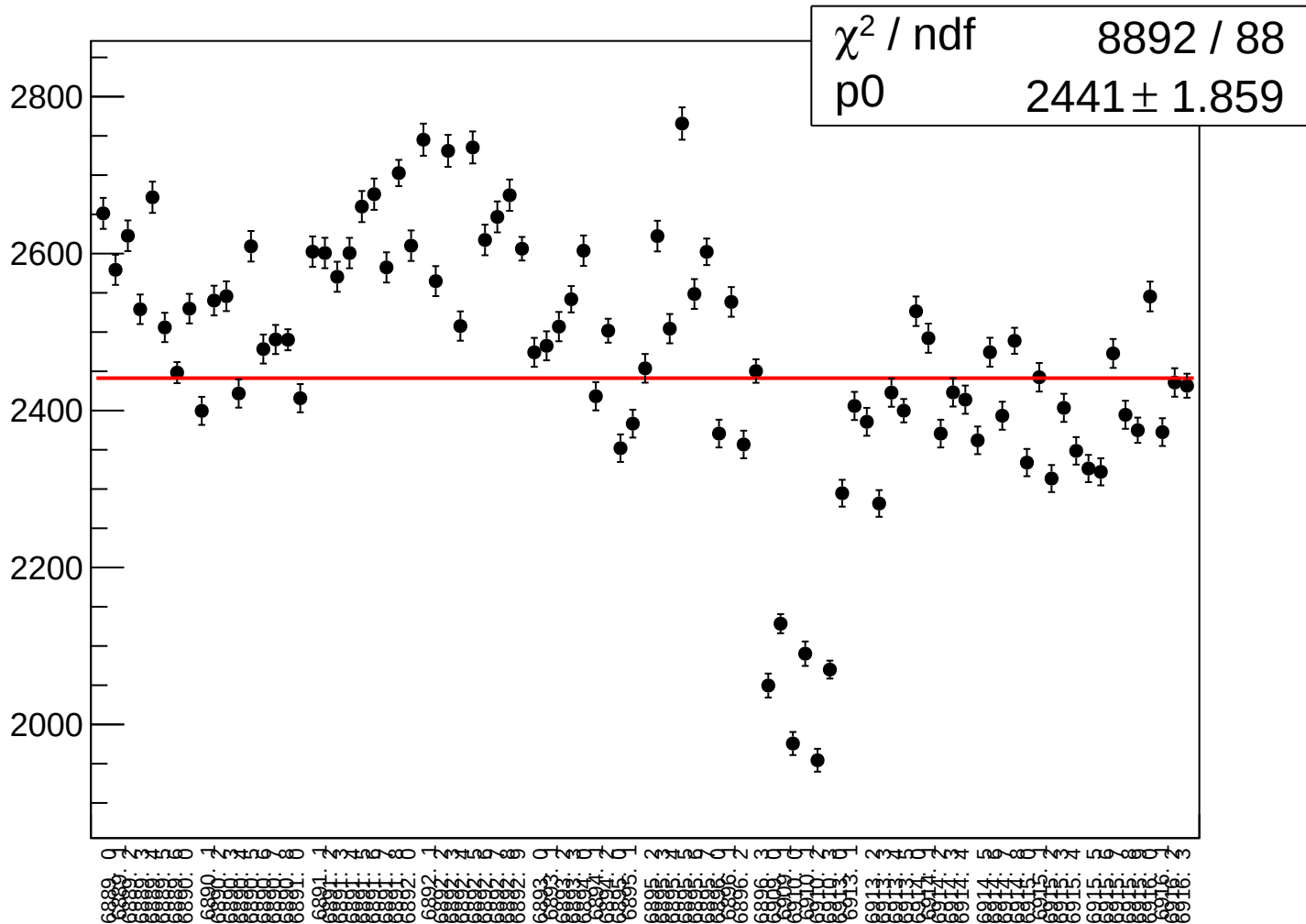
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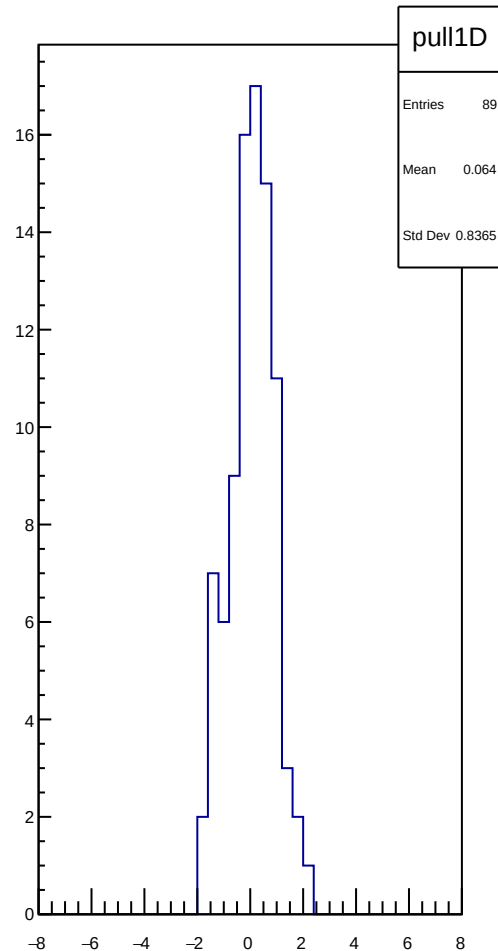
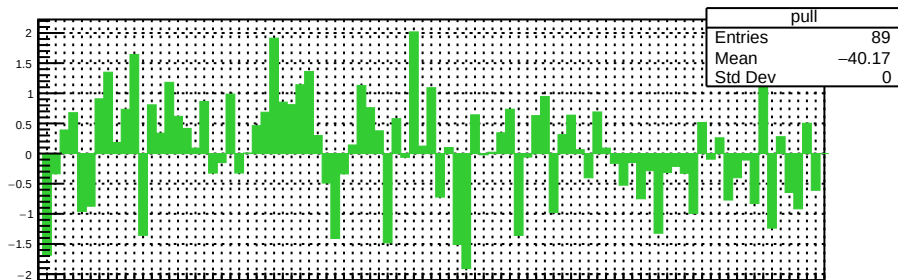
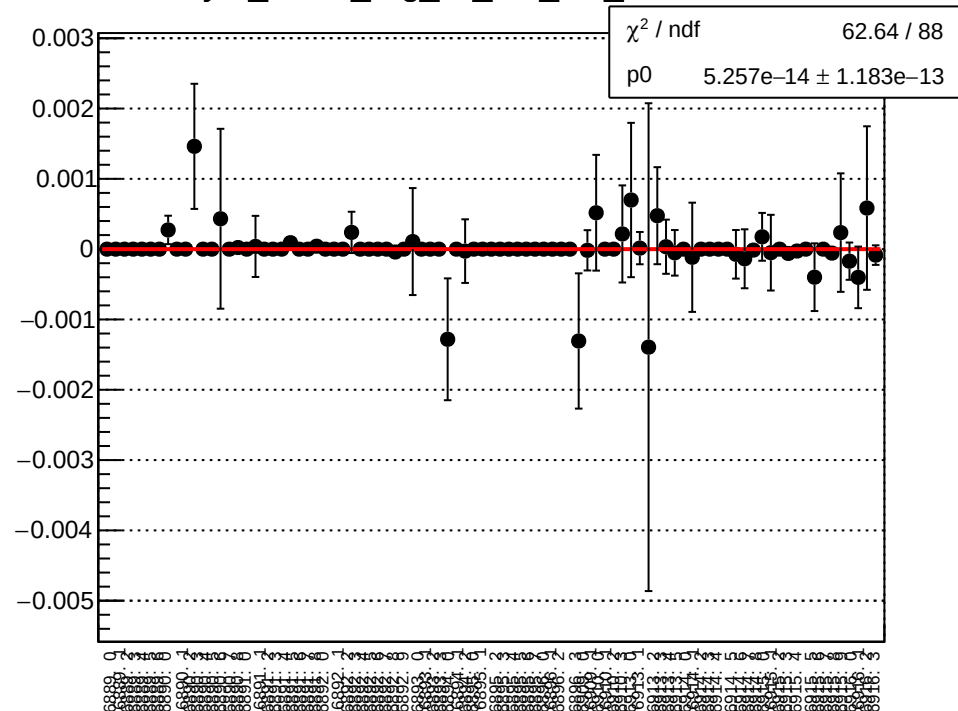
asym_sam4_mean vs run



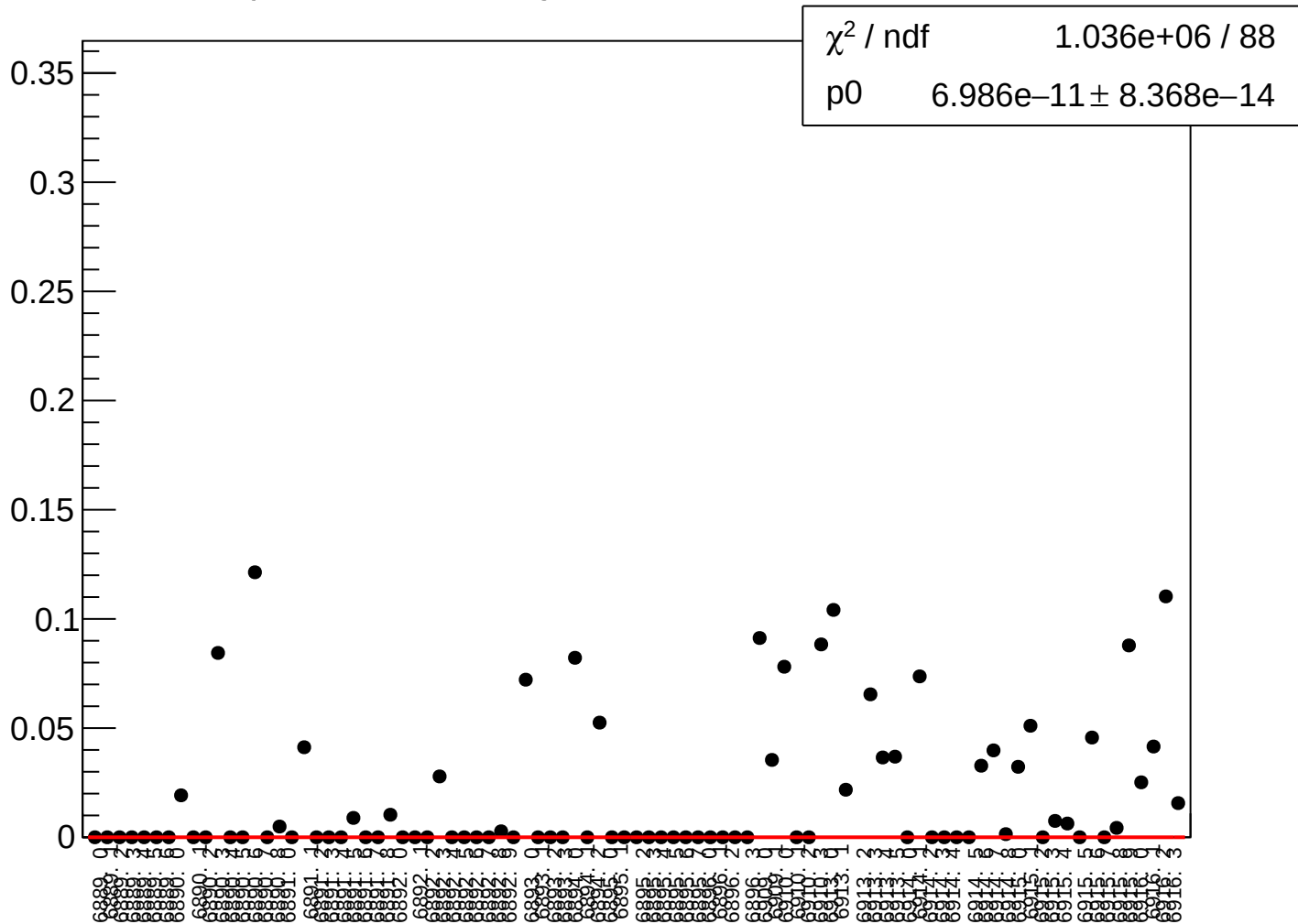
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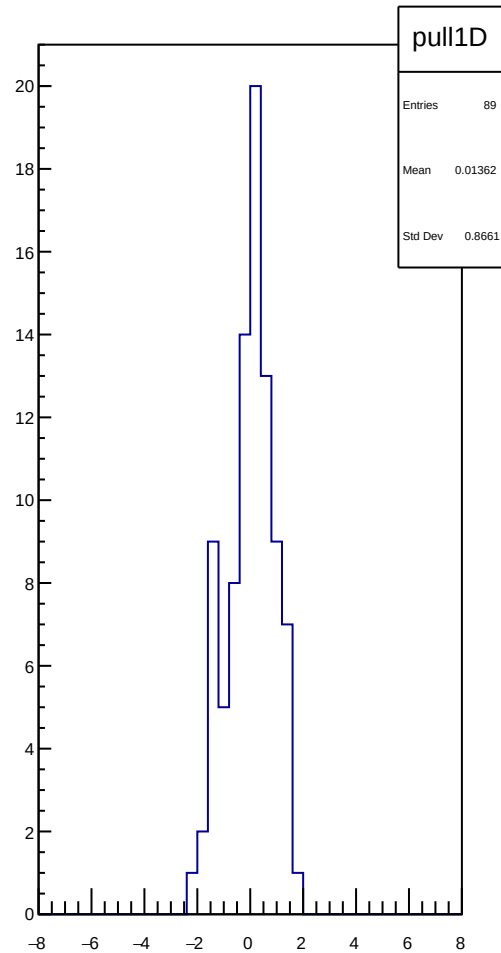
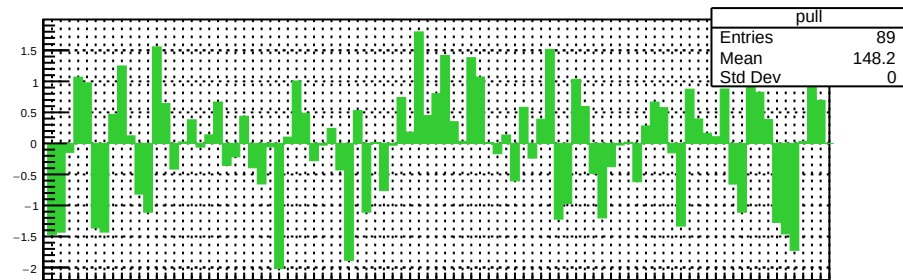
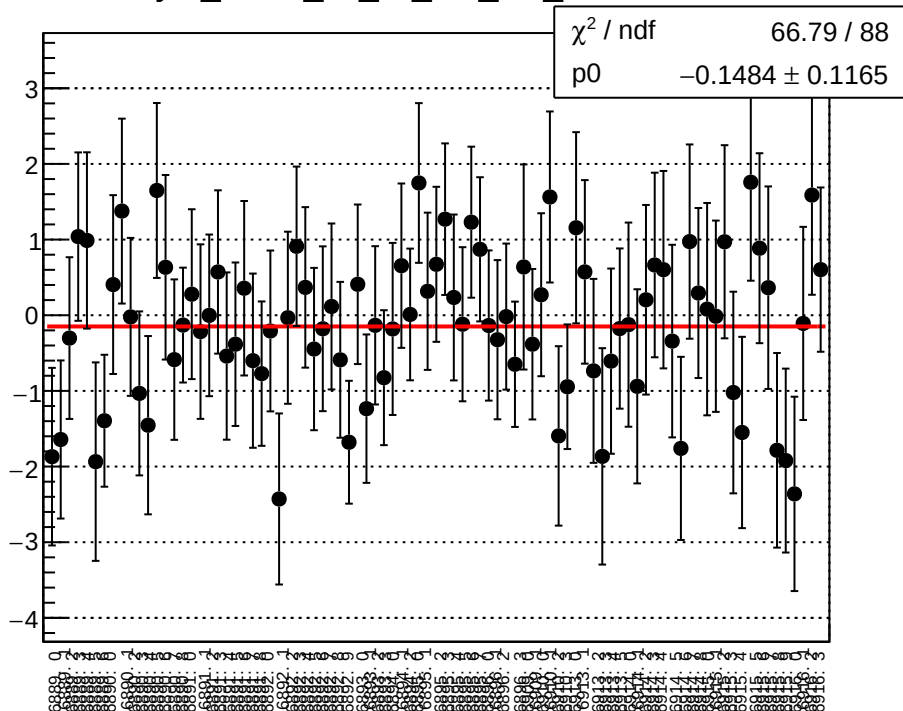
asym_sam4_reg_vs_cor_diff_mean vs run



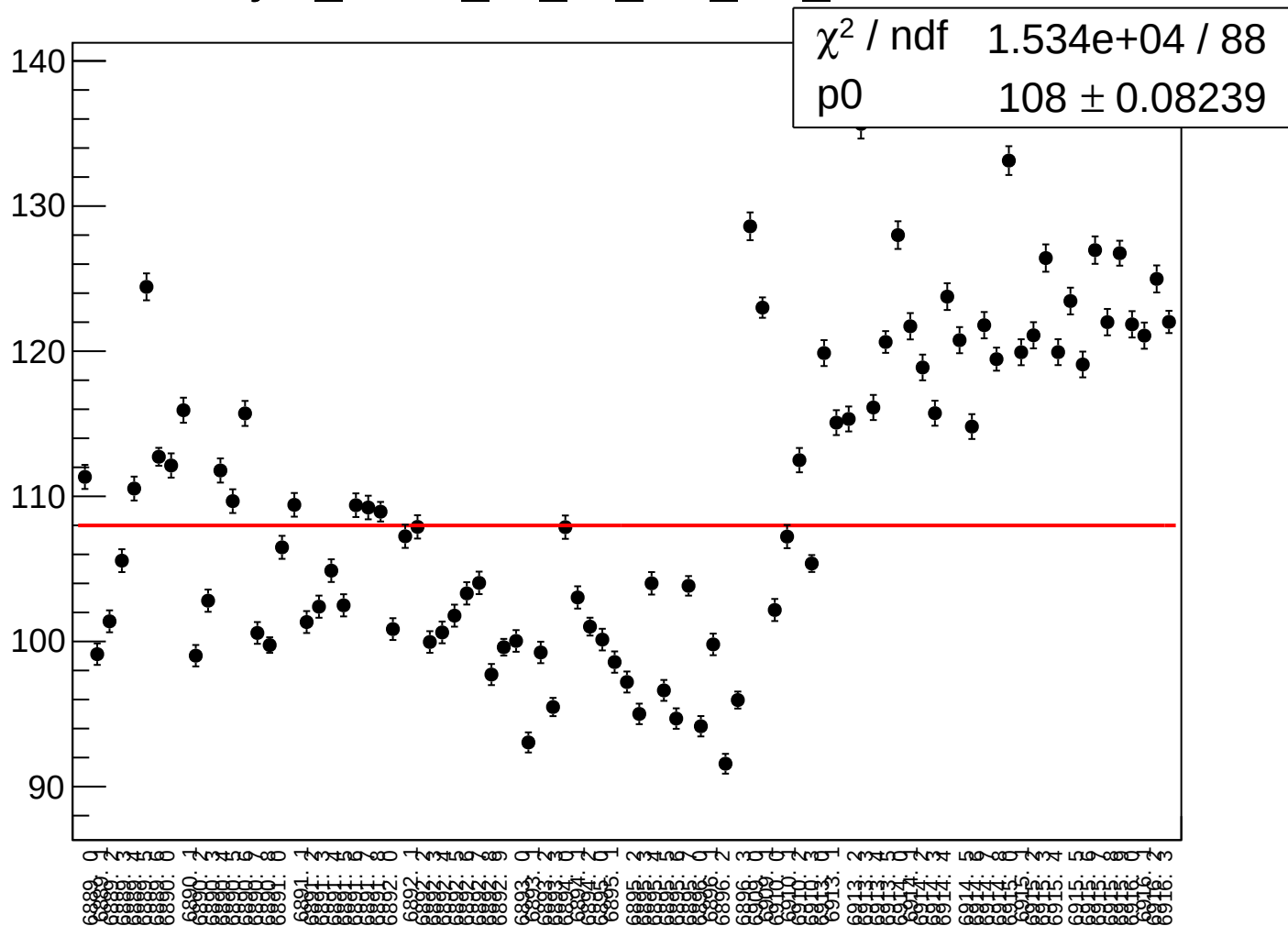
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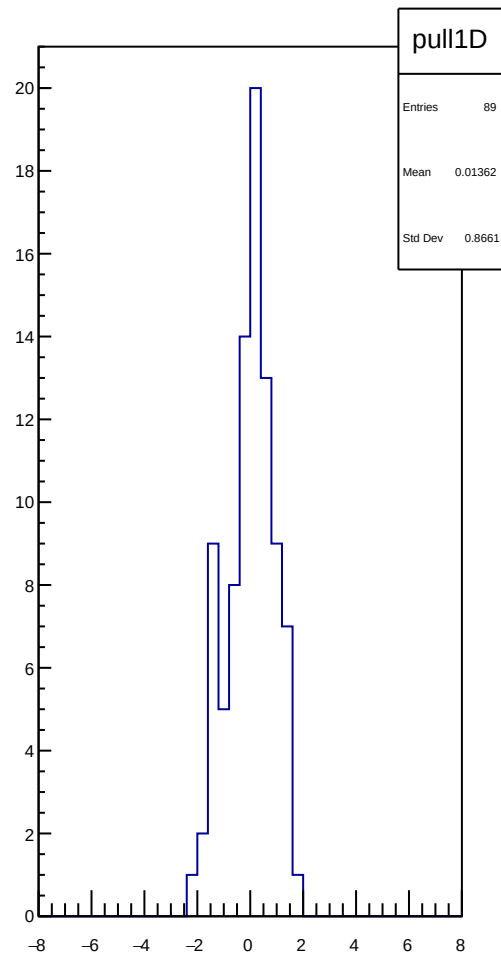
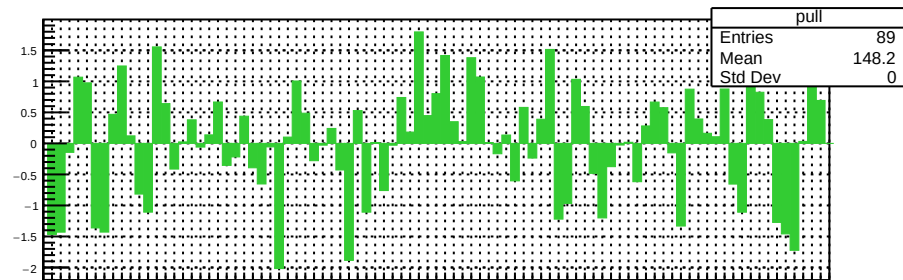
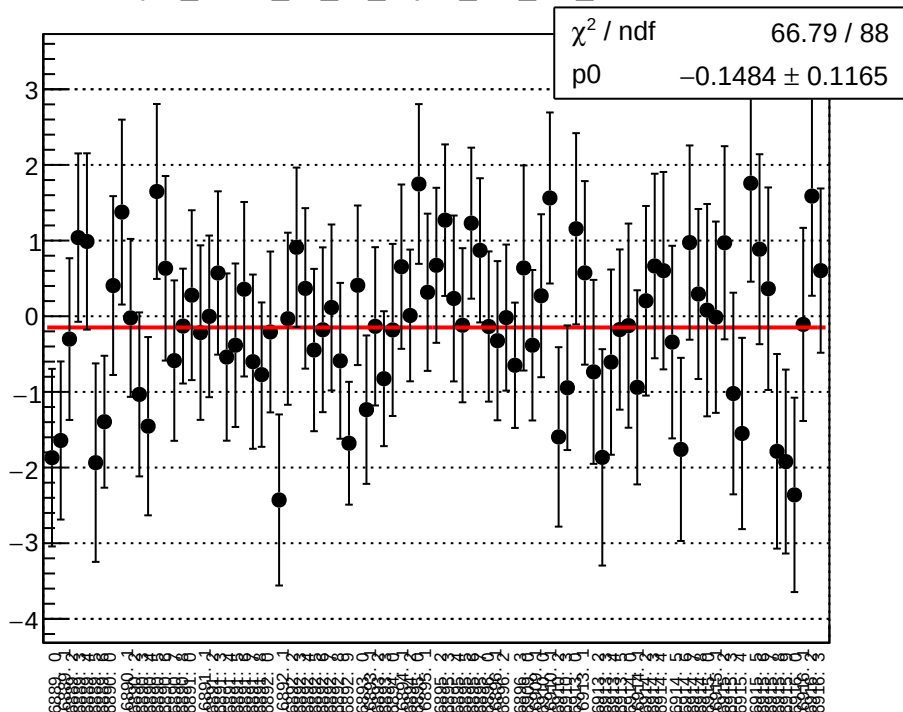
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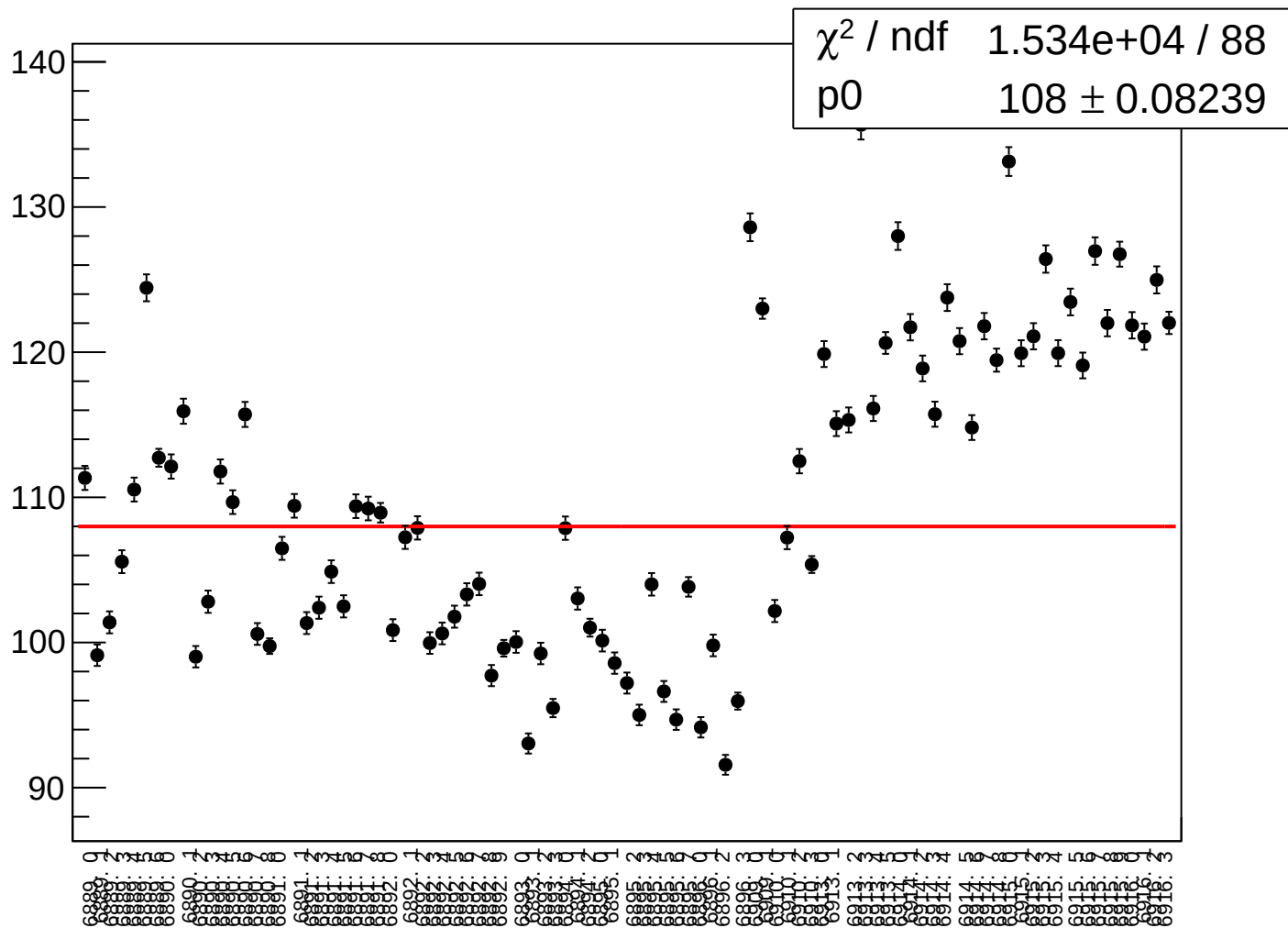
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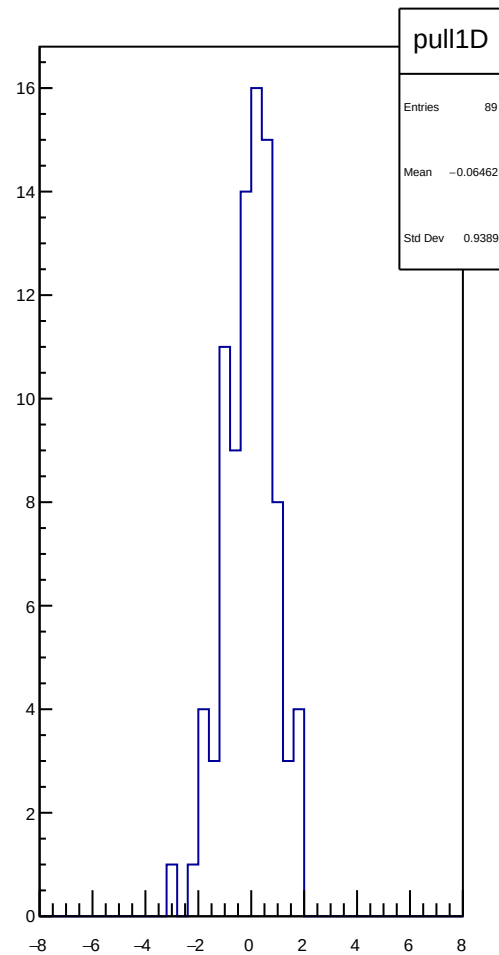
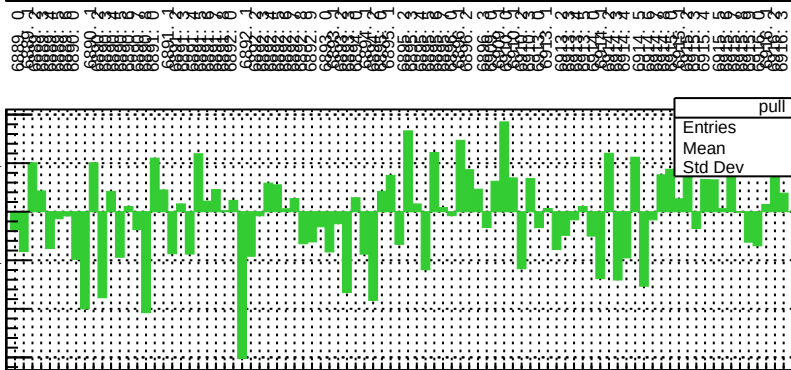


asym_sam4_dit_vs_eigen_cor_diff_mean vs run

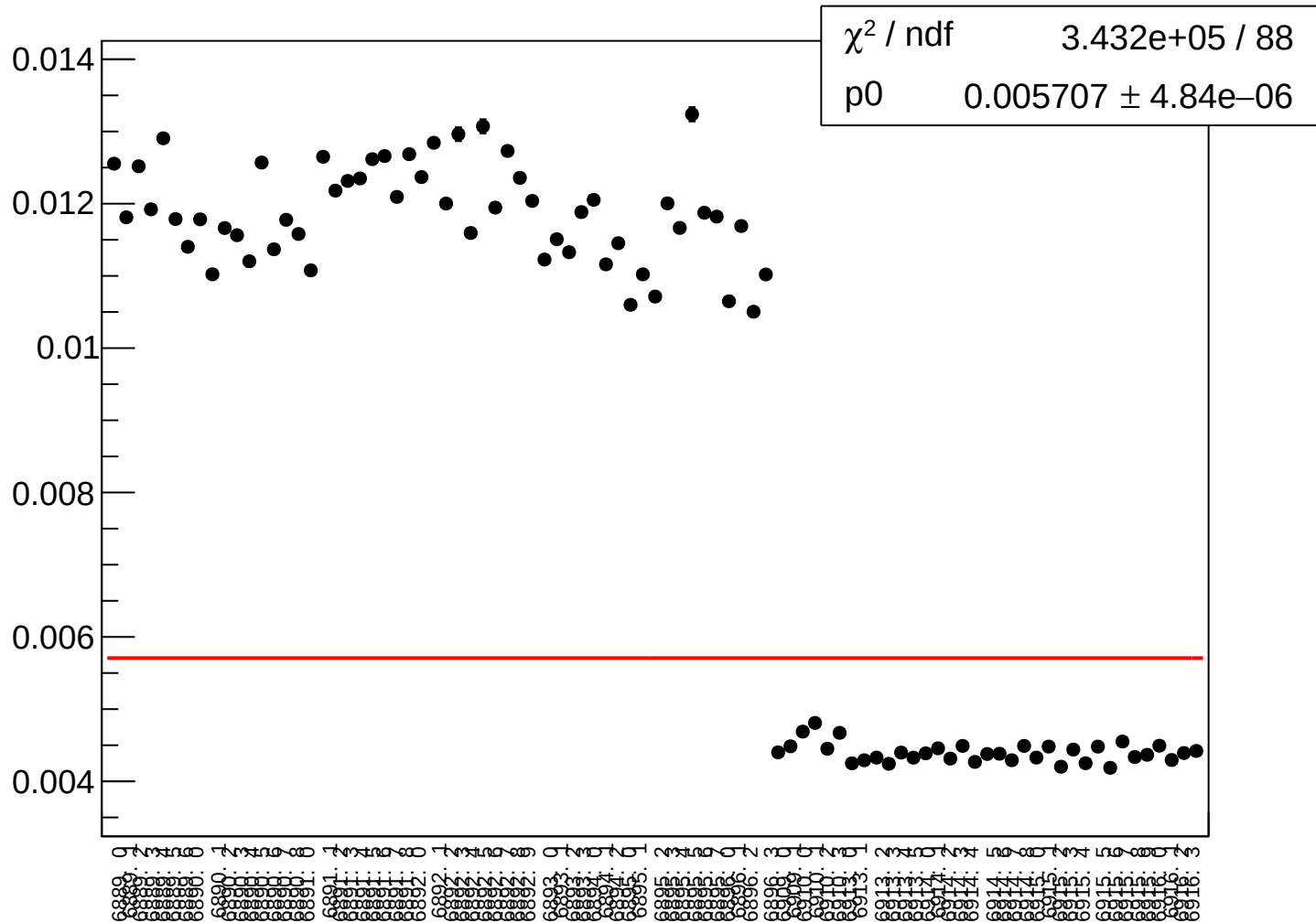


asym_sam4_dit_vs_eigen_cor_diff_rms vs run

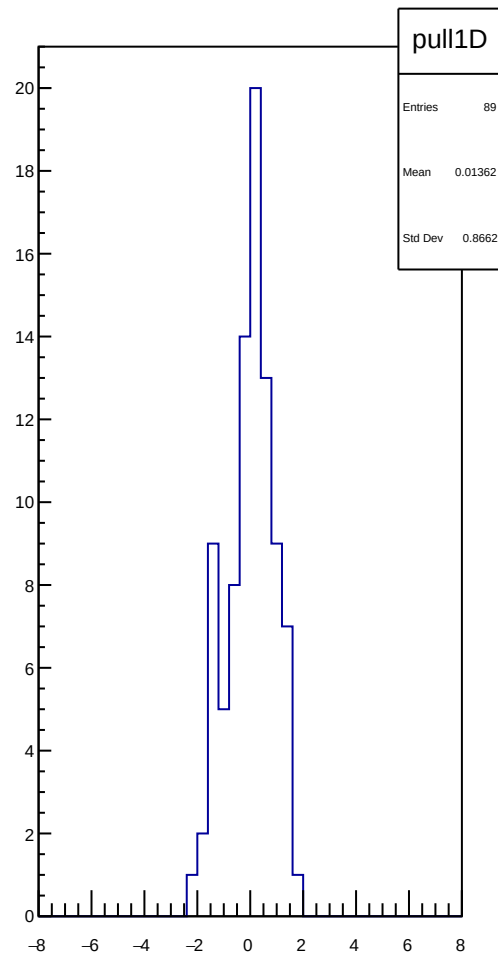
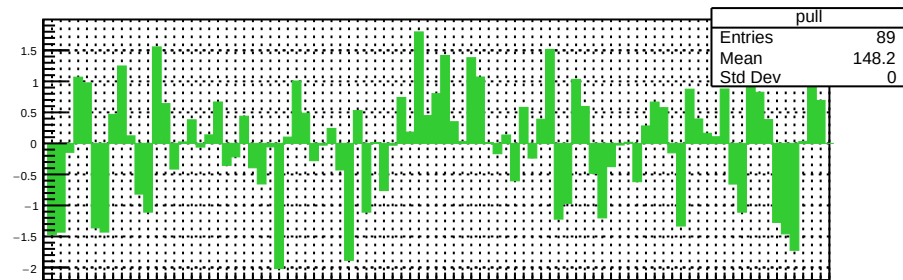
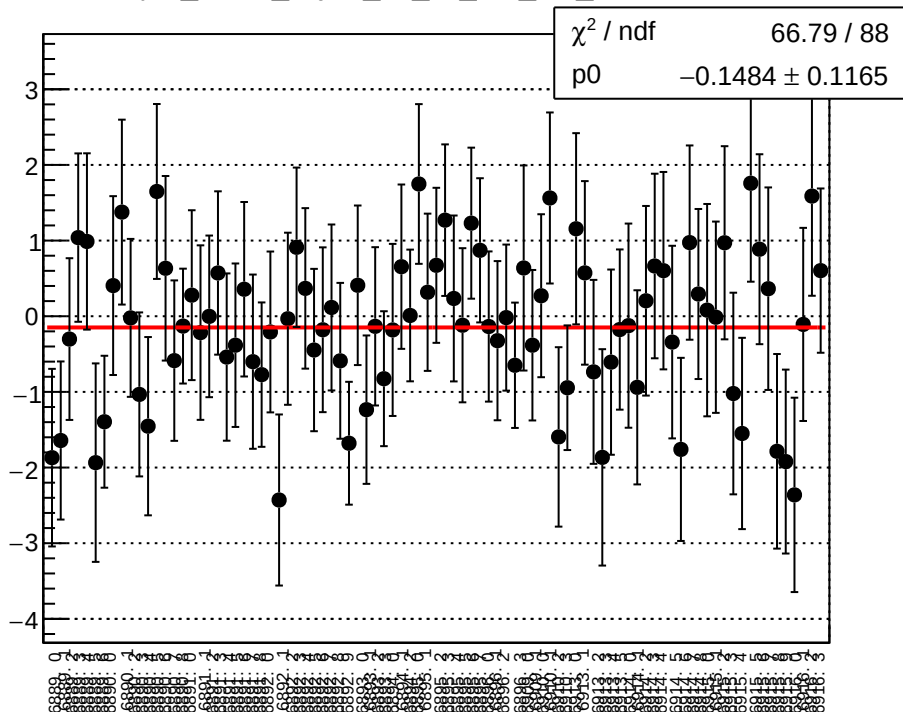




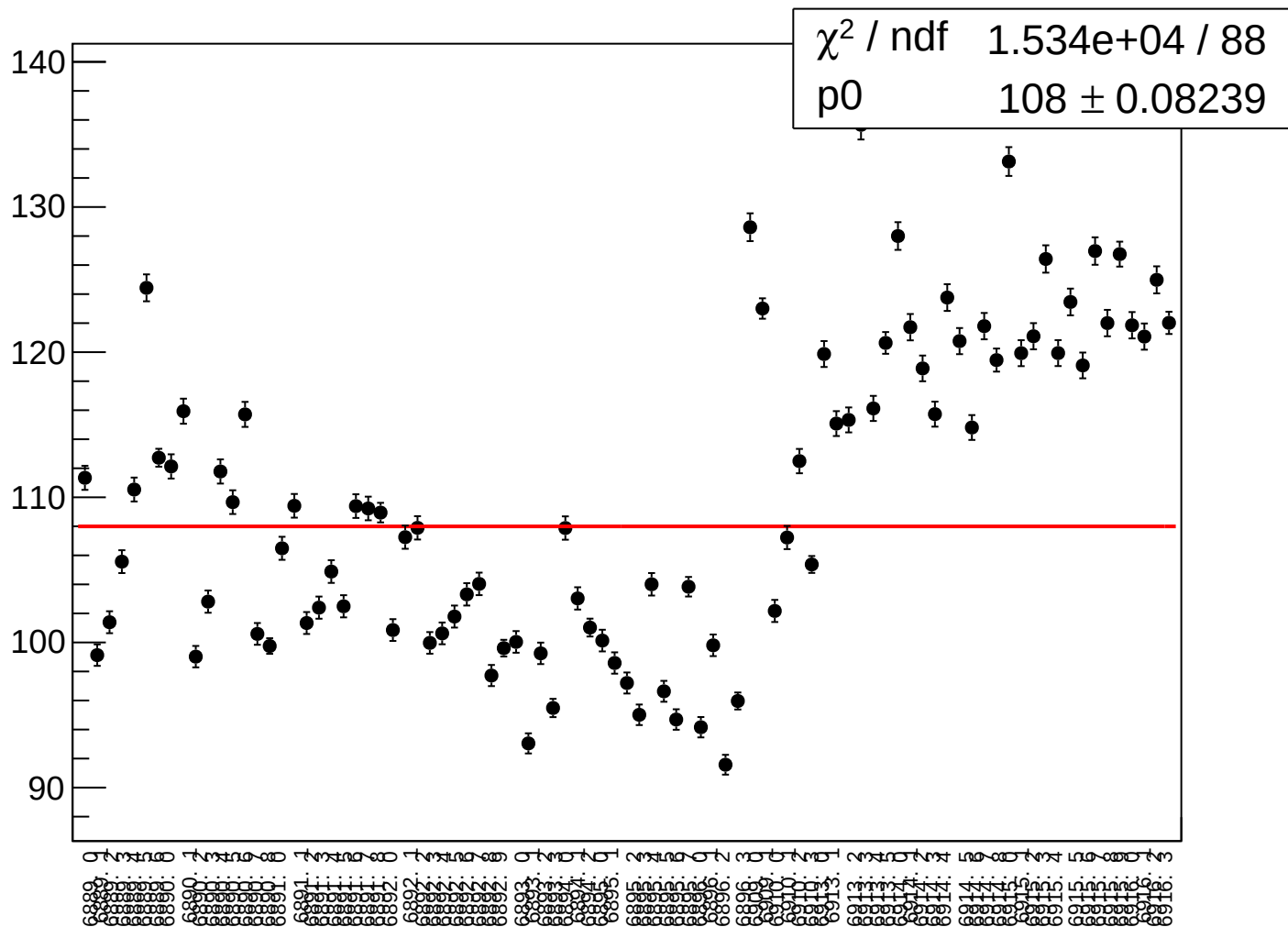
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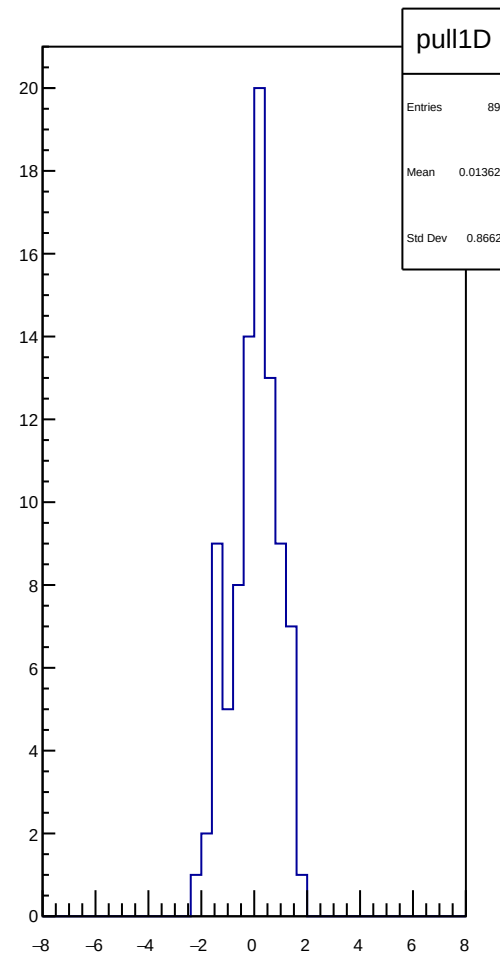
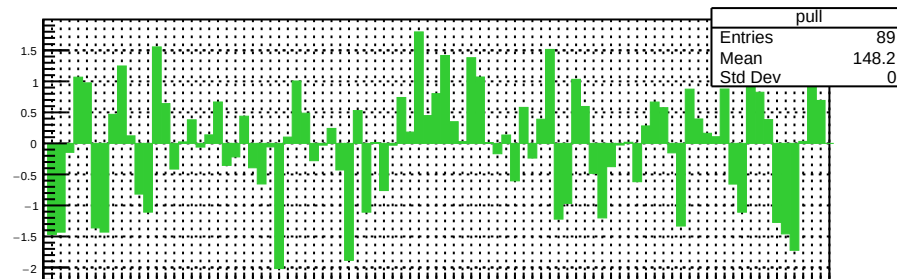
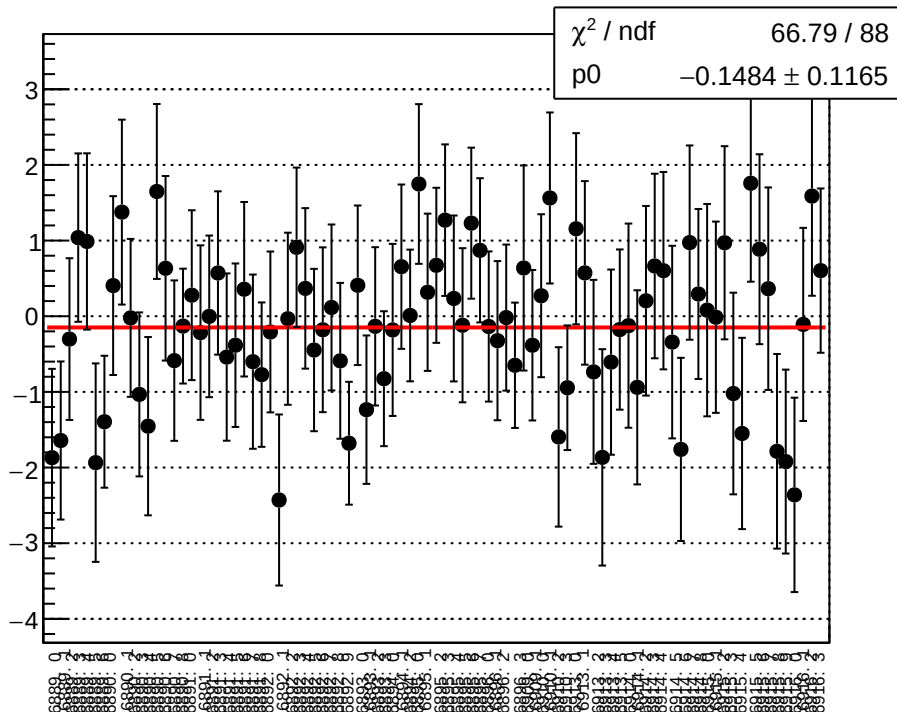
asym_sam4_eigen_dit_vs_cor_diff_mean vs run



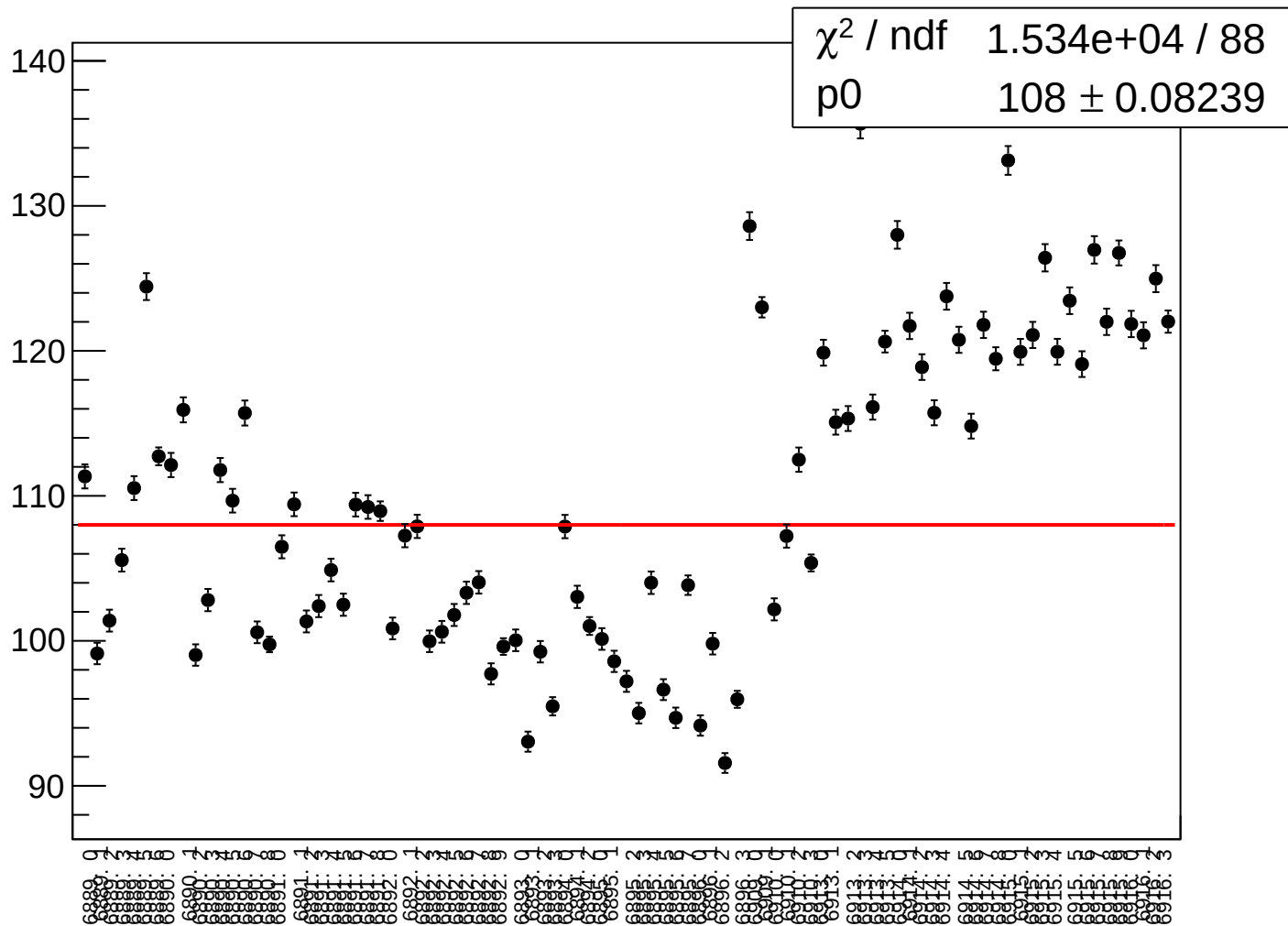
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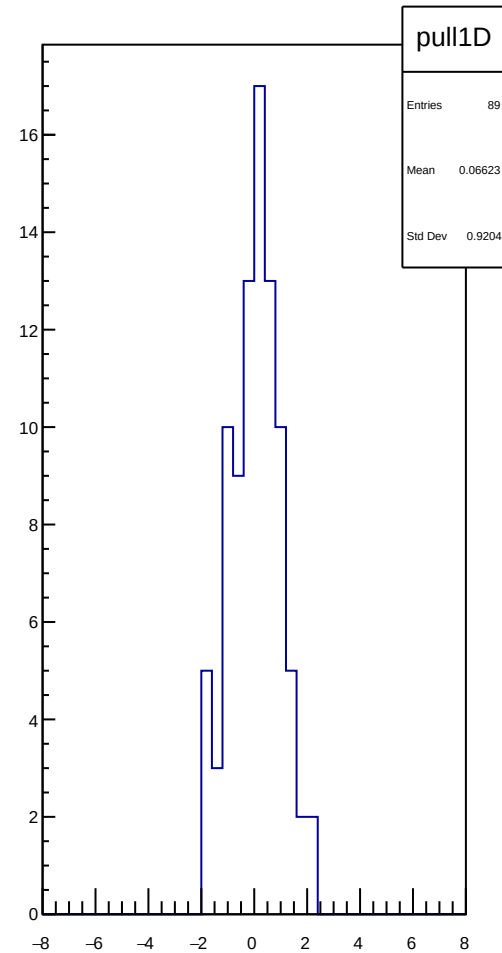
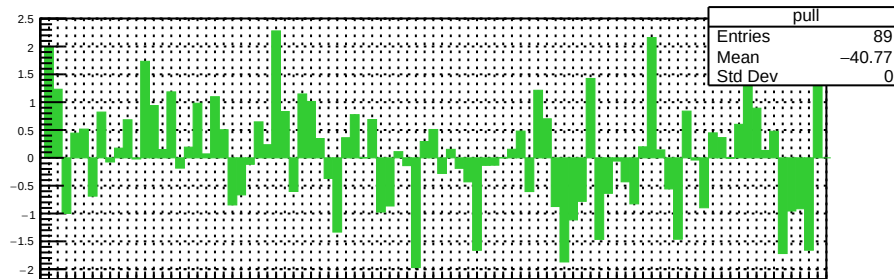
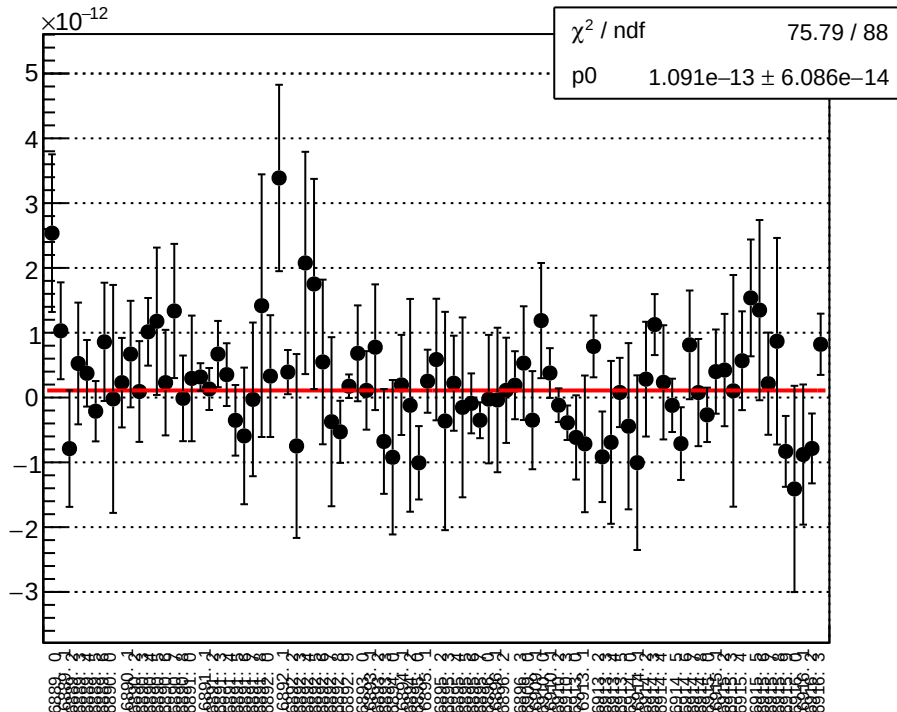
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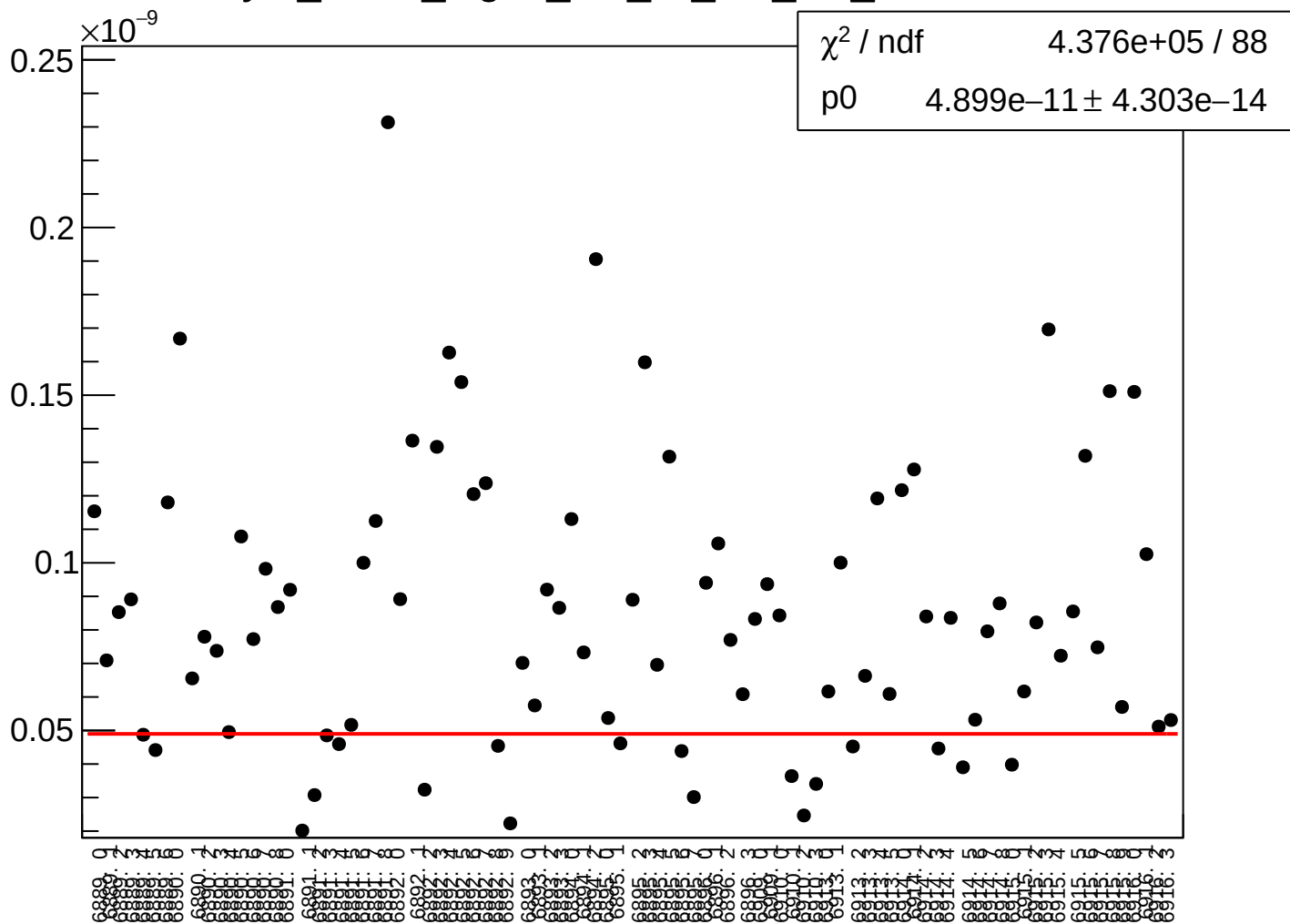
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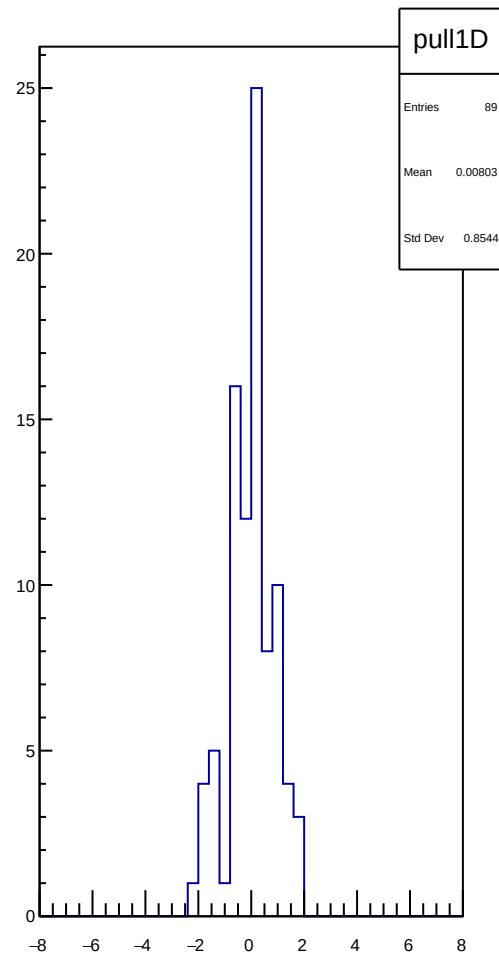
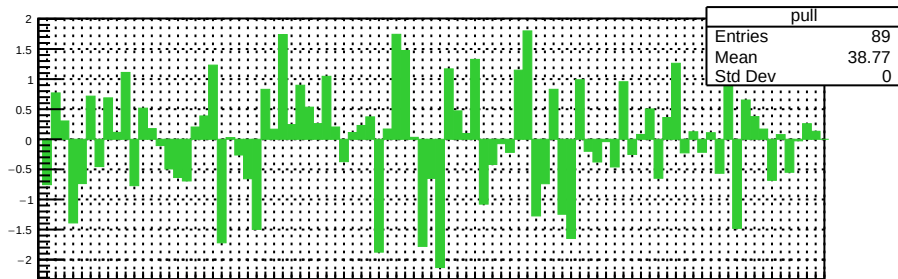
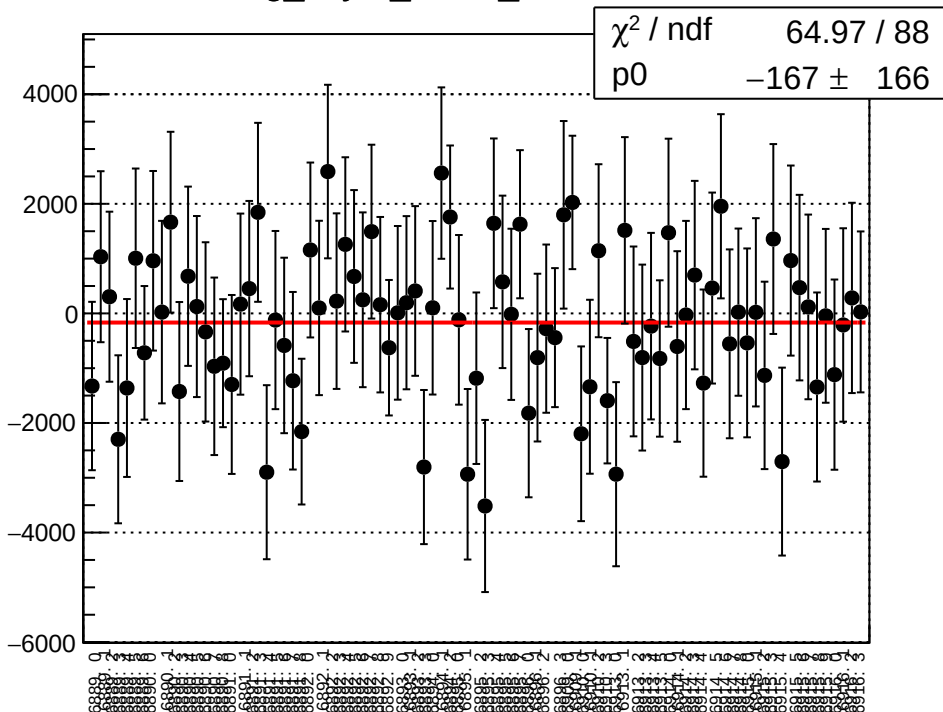
asym_sam4_eigen_cor_vs_cor_diff_mean vs run



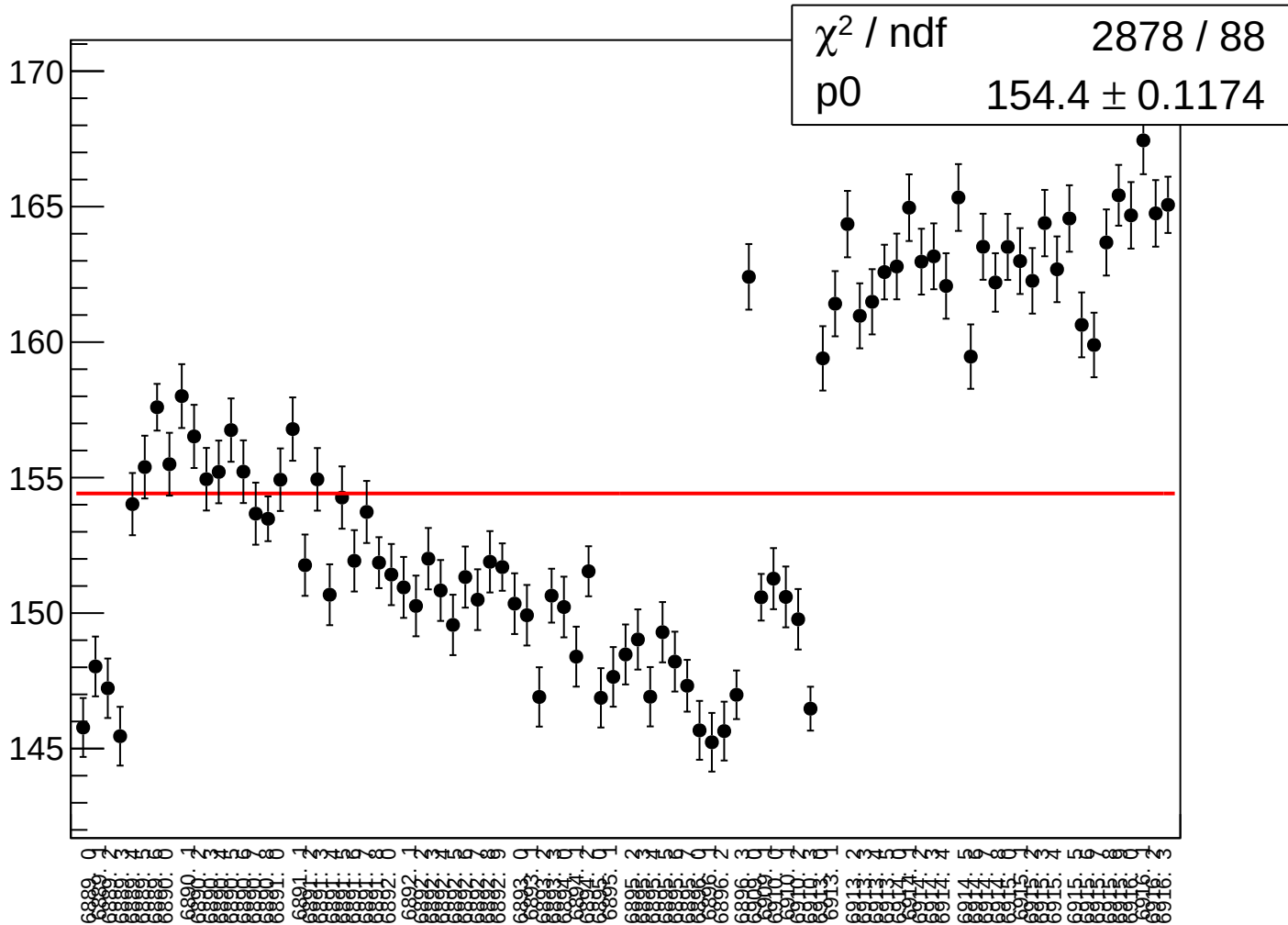
asym sam4 eigen cor vs cor diff rms vs run



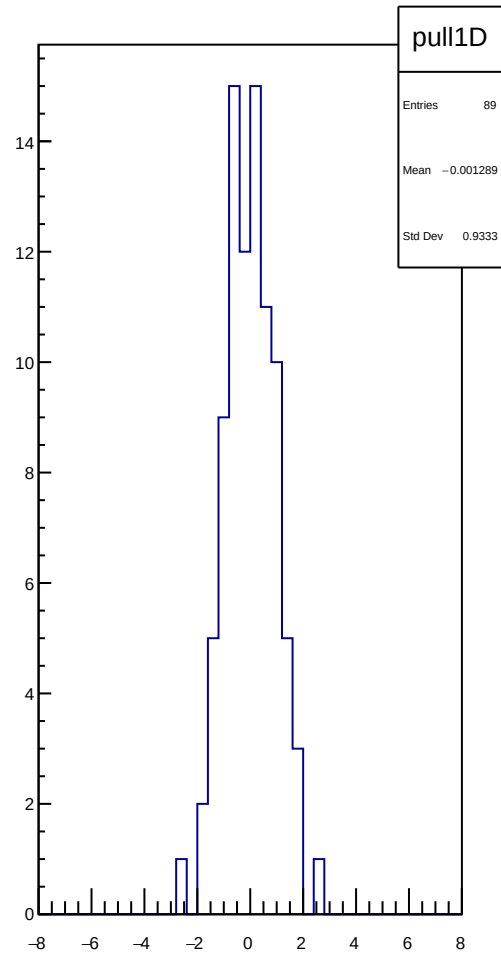
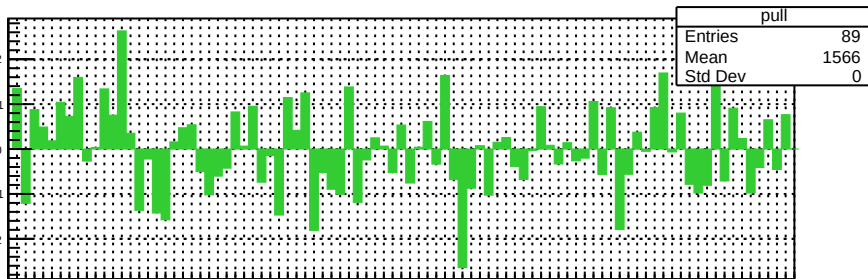
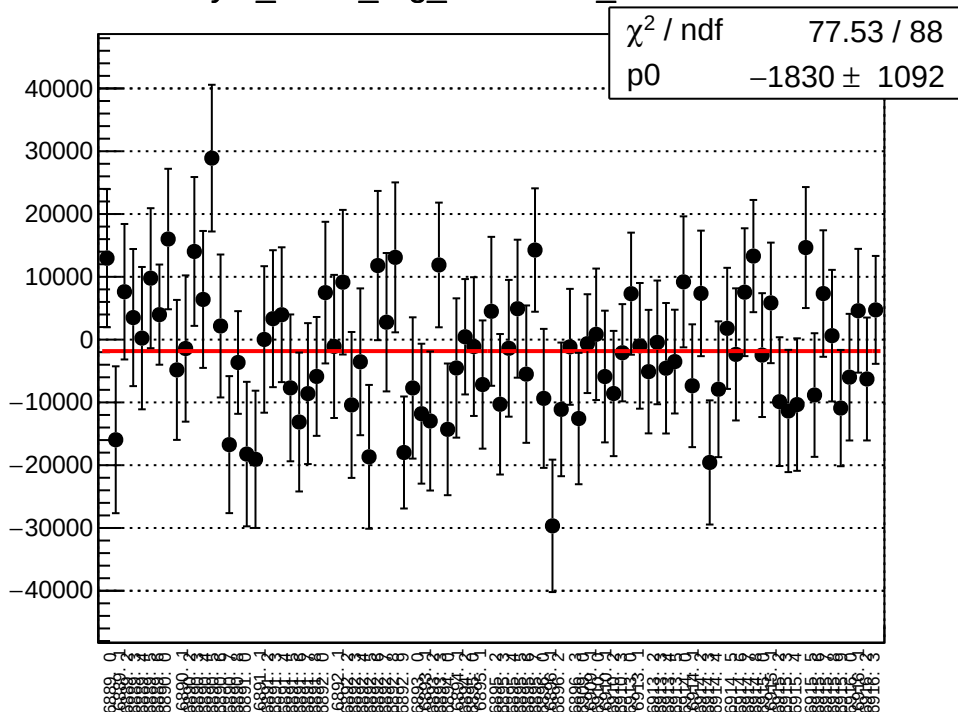
reg_asym_sam5_mean vs run



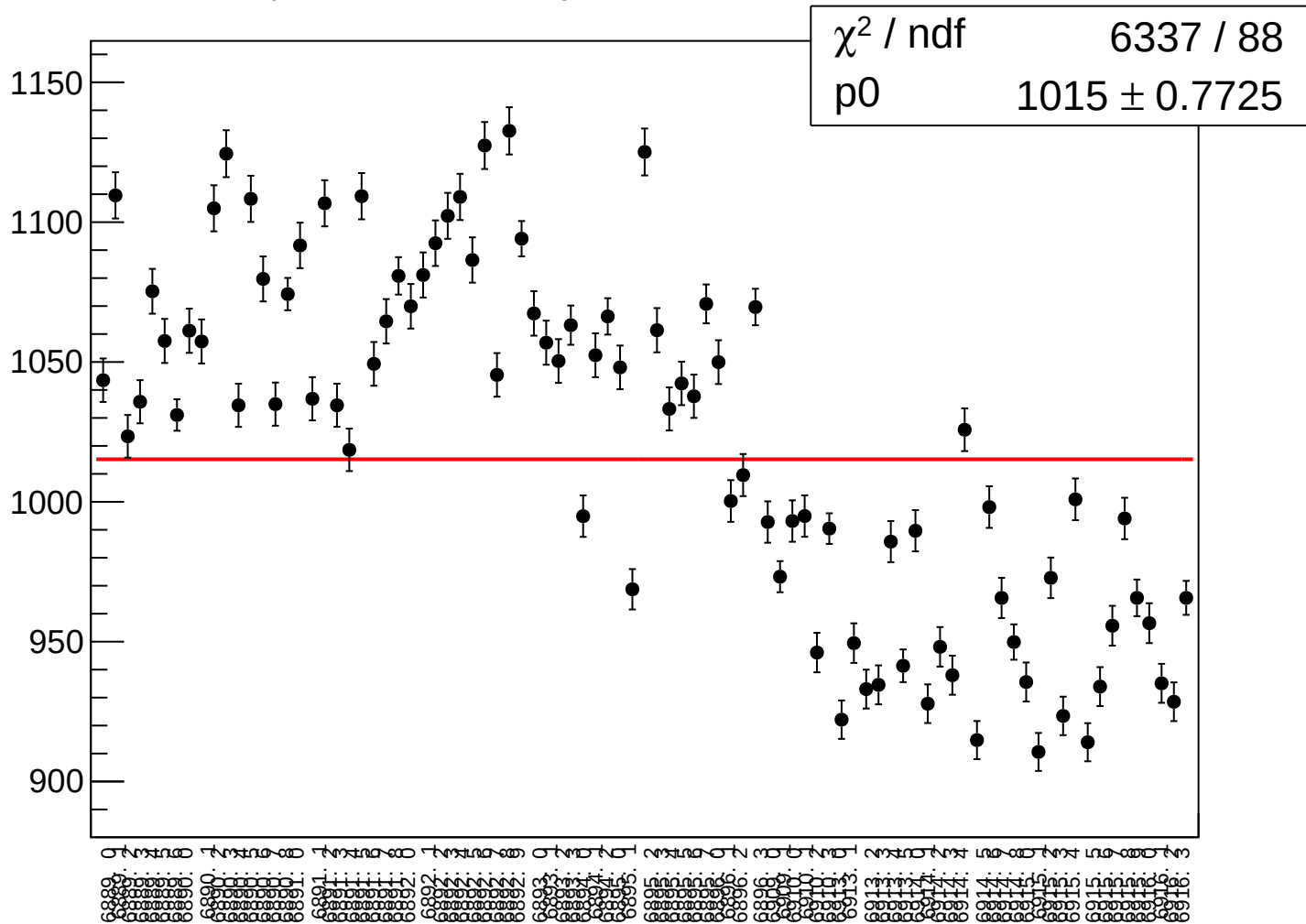
reg_asym_sam5_rms vs run



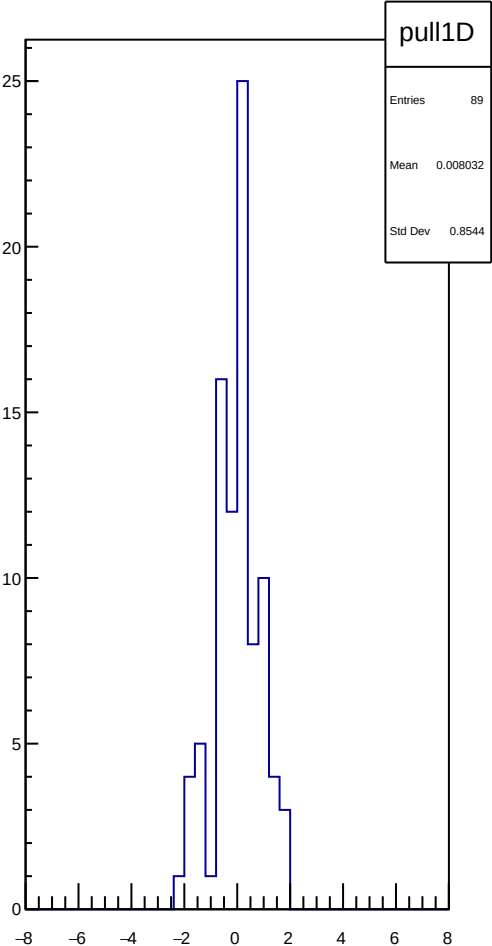
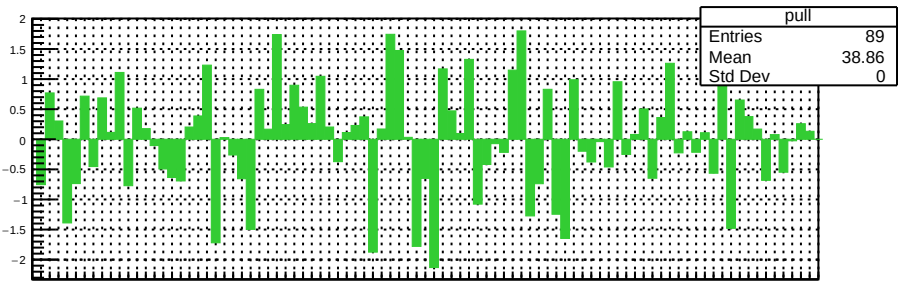
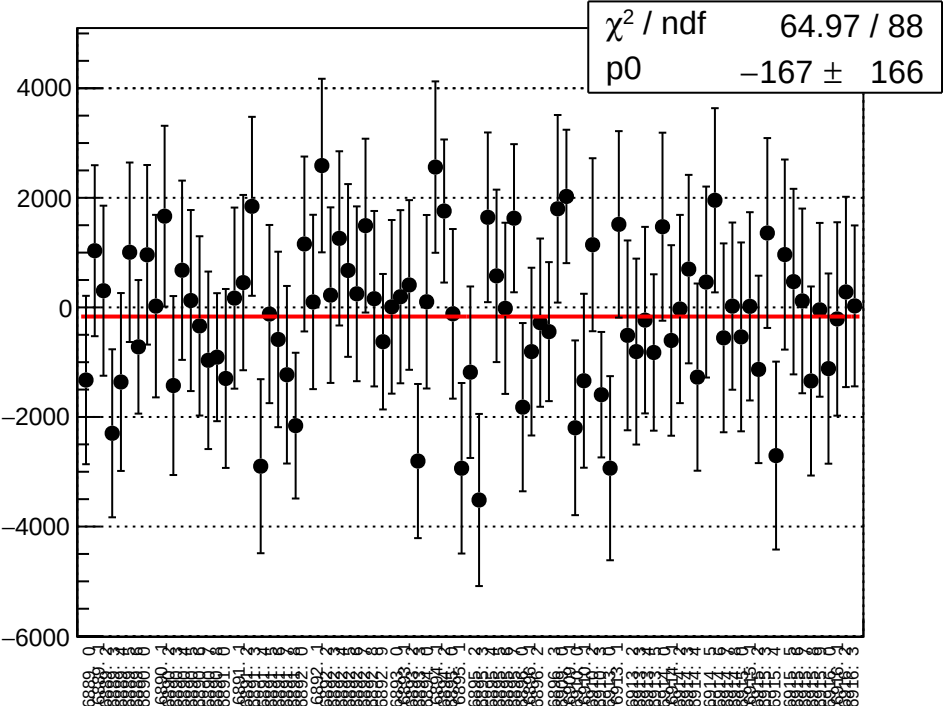
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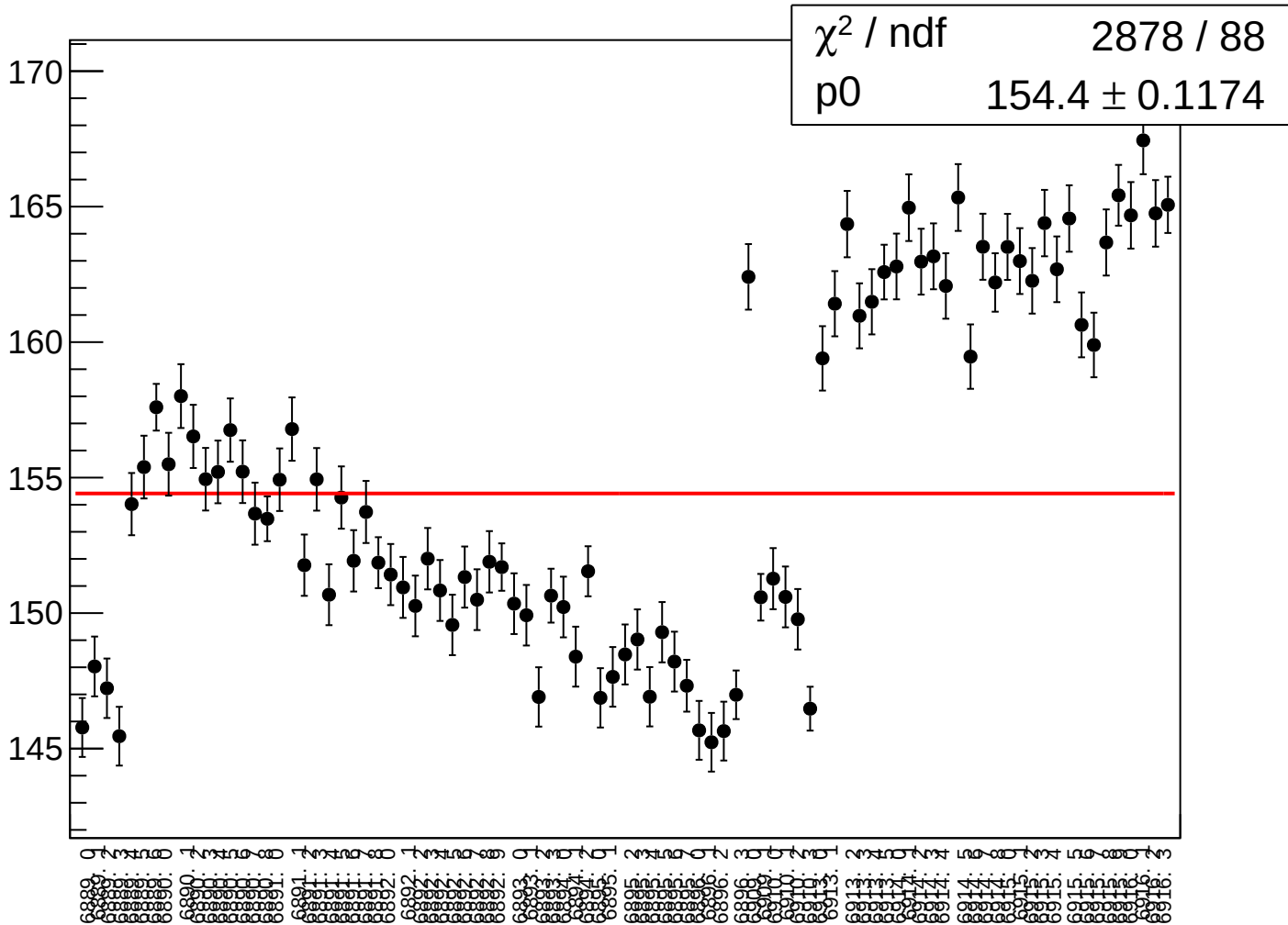
asym_sam5_reg_correction_rms vs run



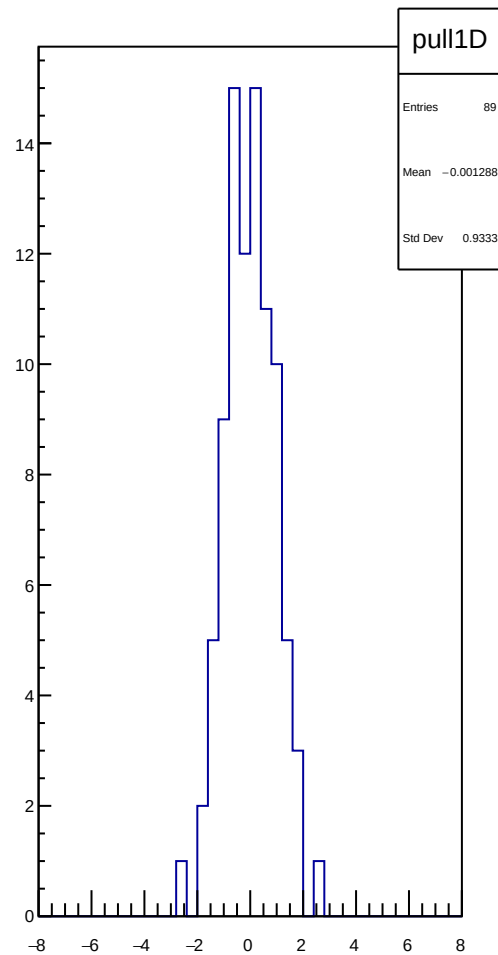
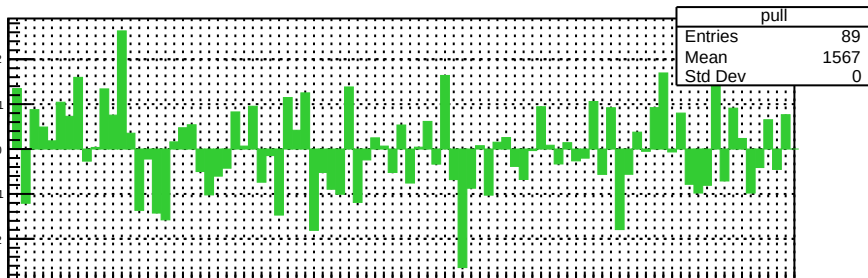
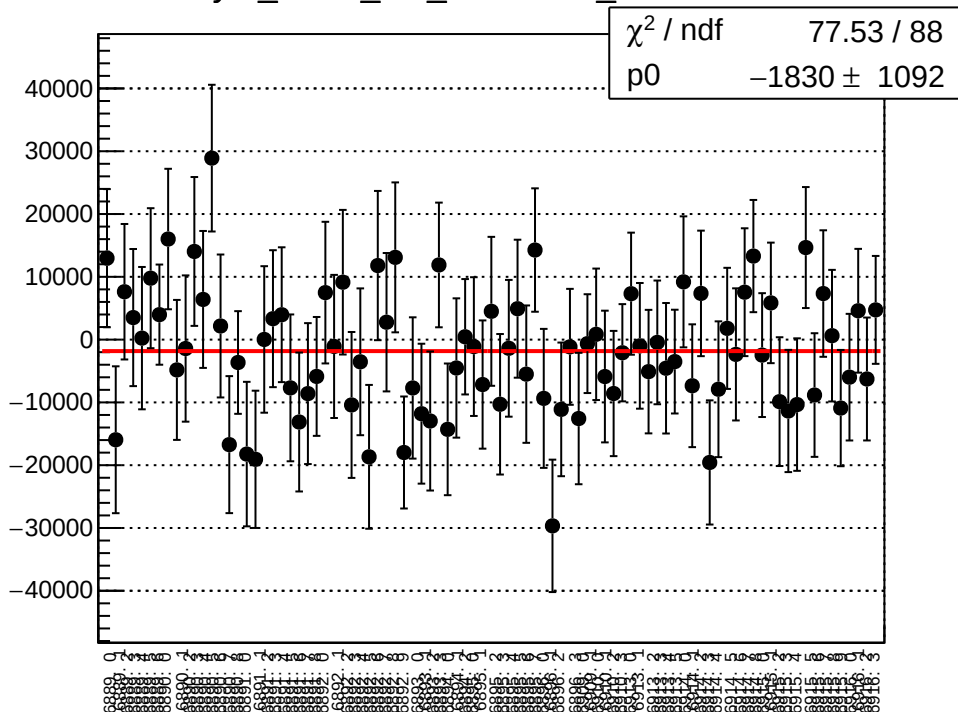
cor_asym_sam5_mean vs run



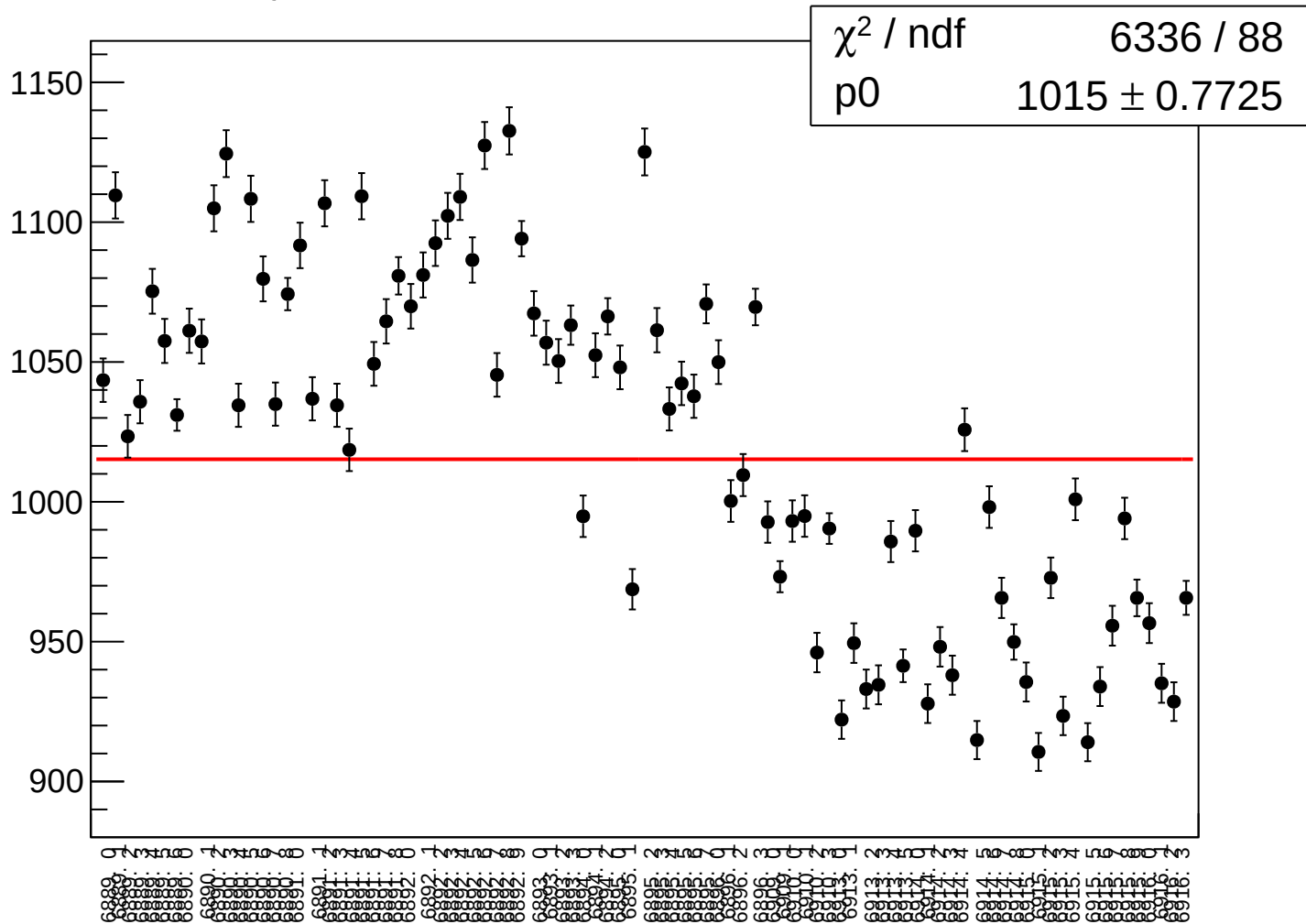
cor_asym_sam5_rms vs run



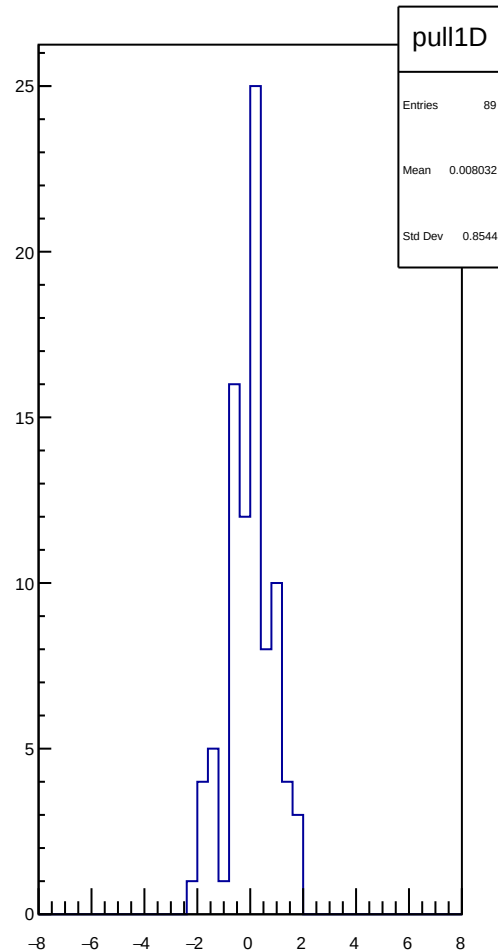
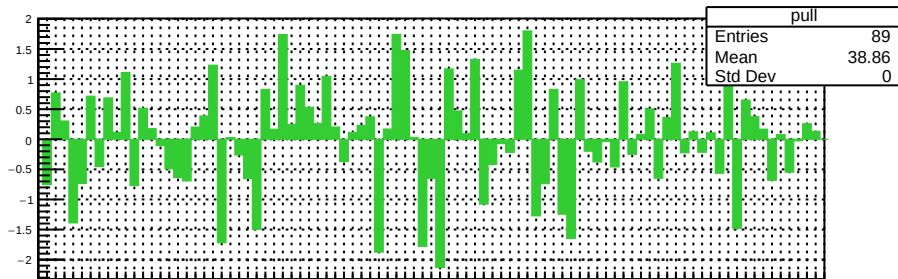
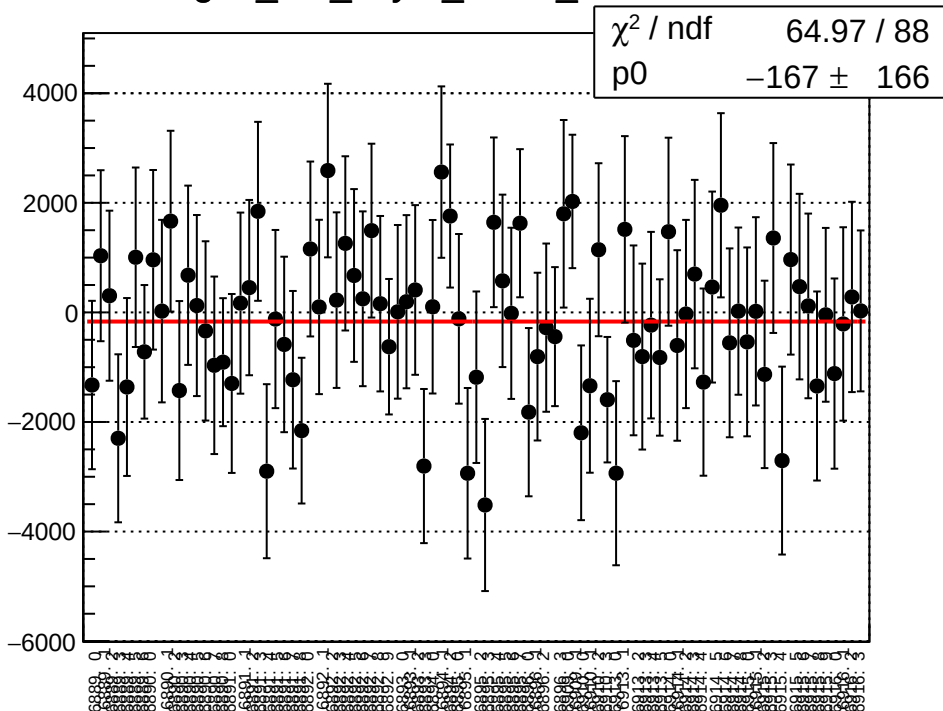
asym_sam5_cor_correction_mean vs run



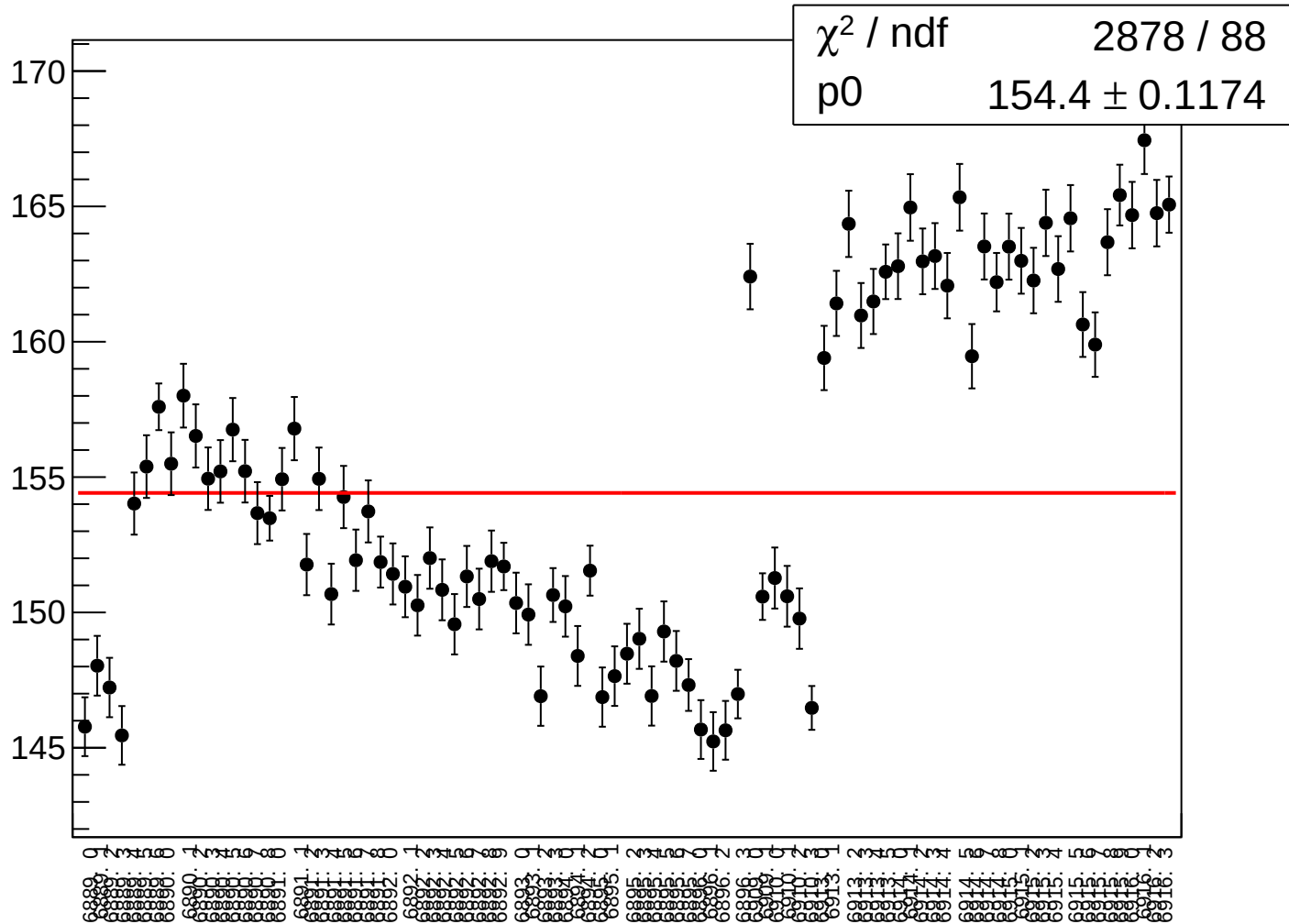
asym_sam5_cor_correction_rms vs run



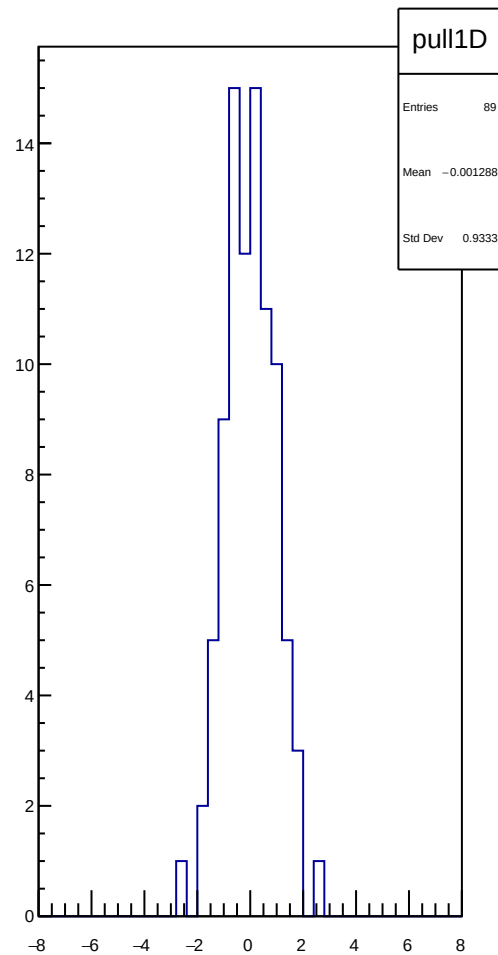
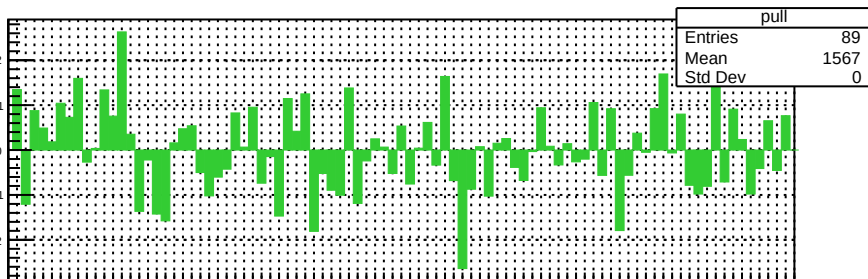
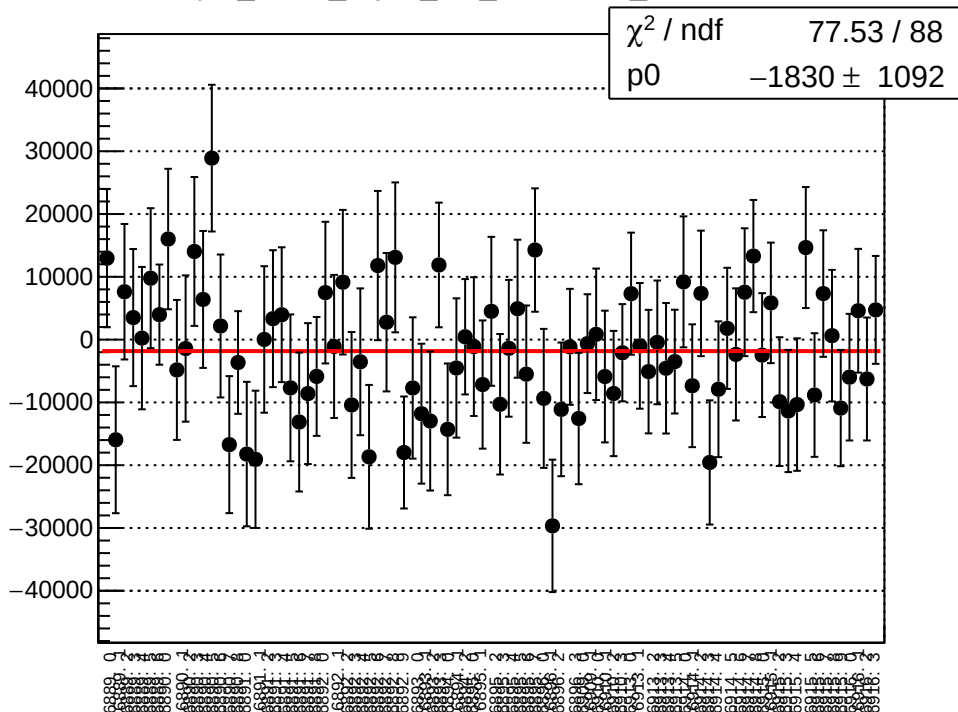
eigen_cor_asym_sam5_mean vs run



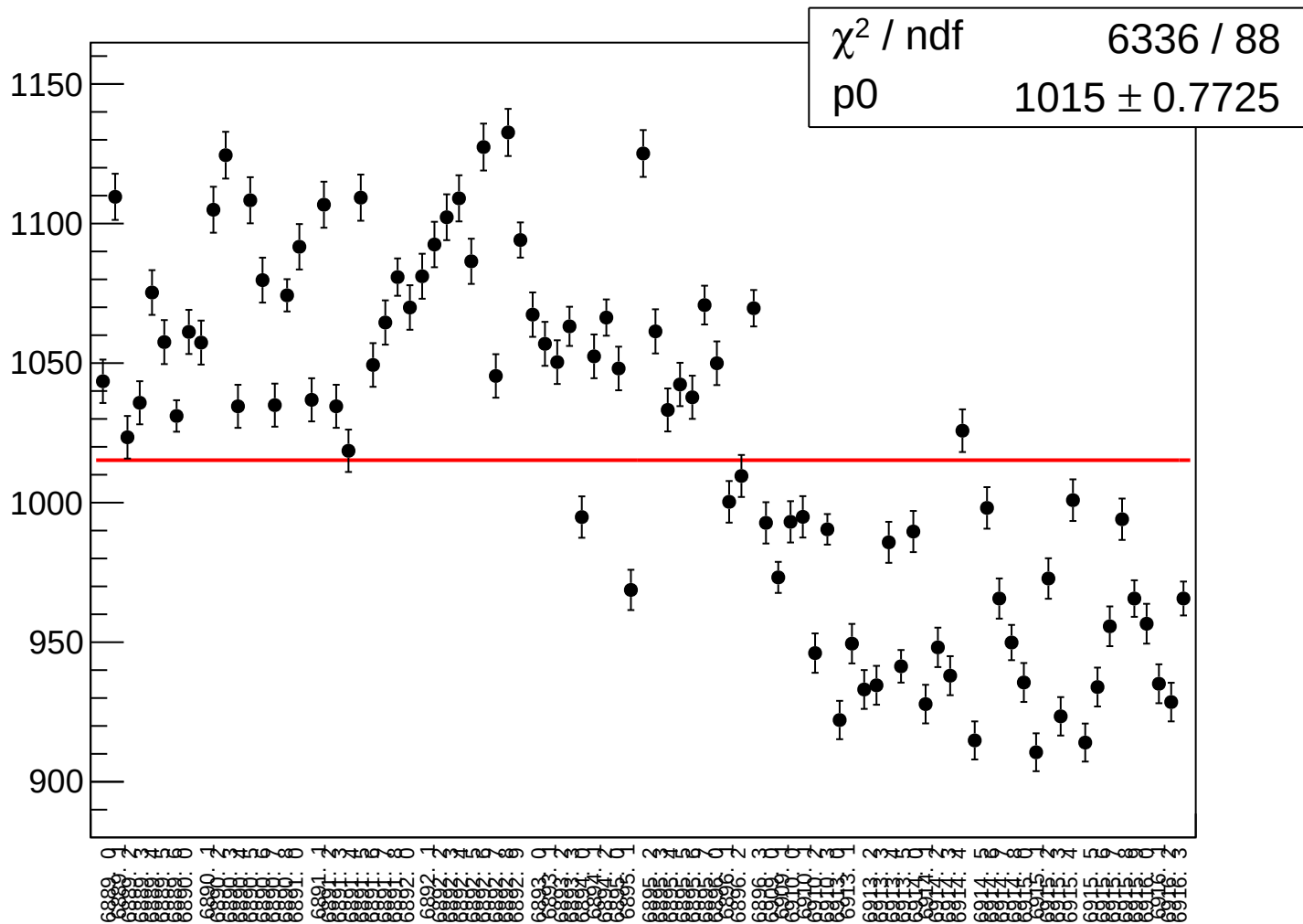
eigen_cor_asym_sam5_rms vs run



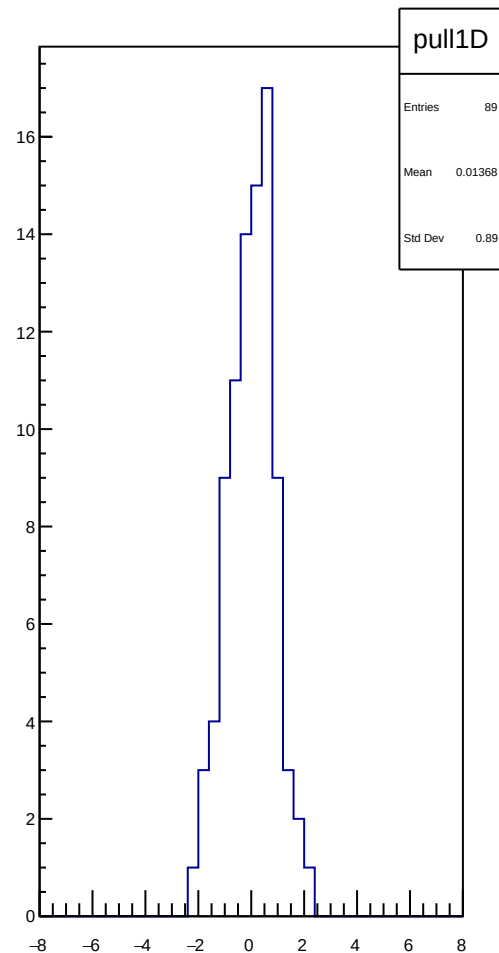
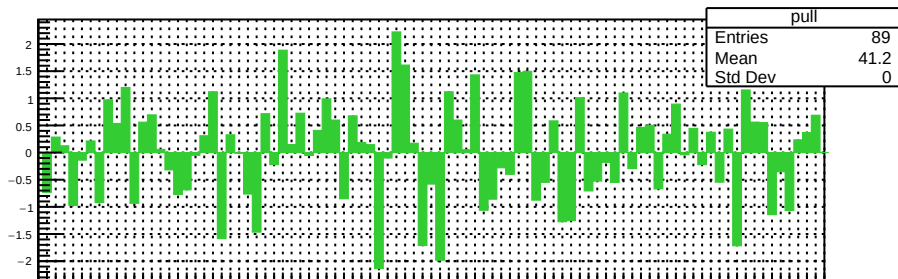
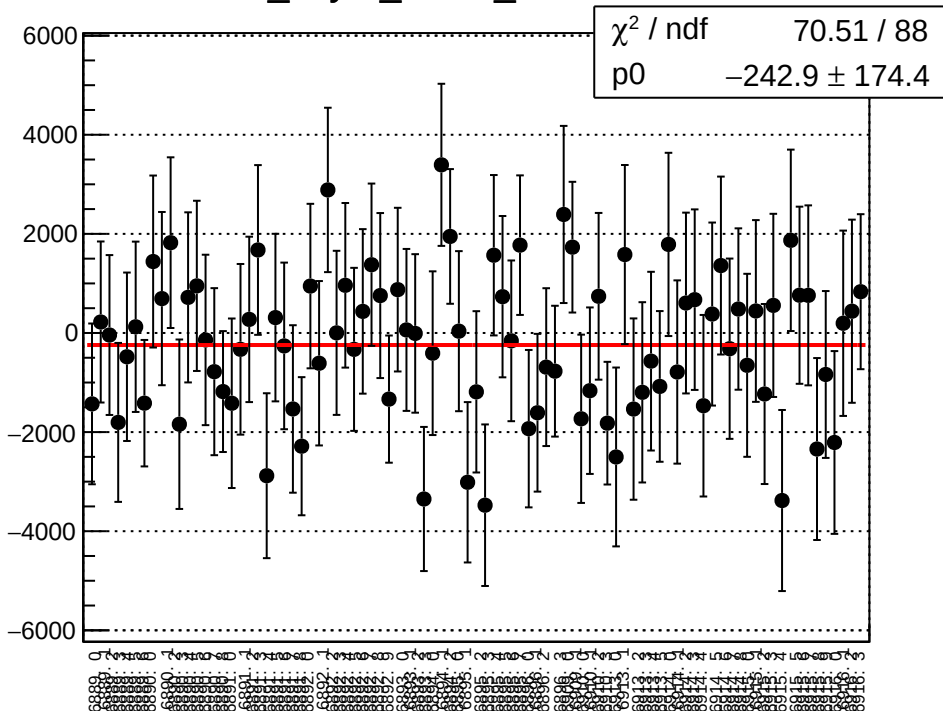
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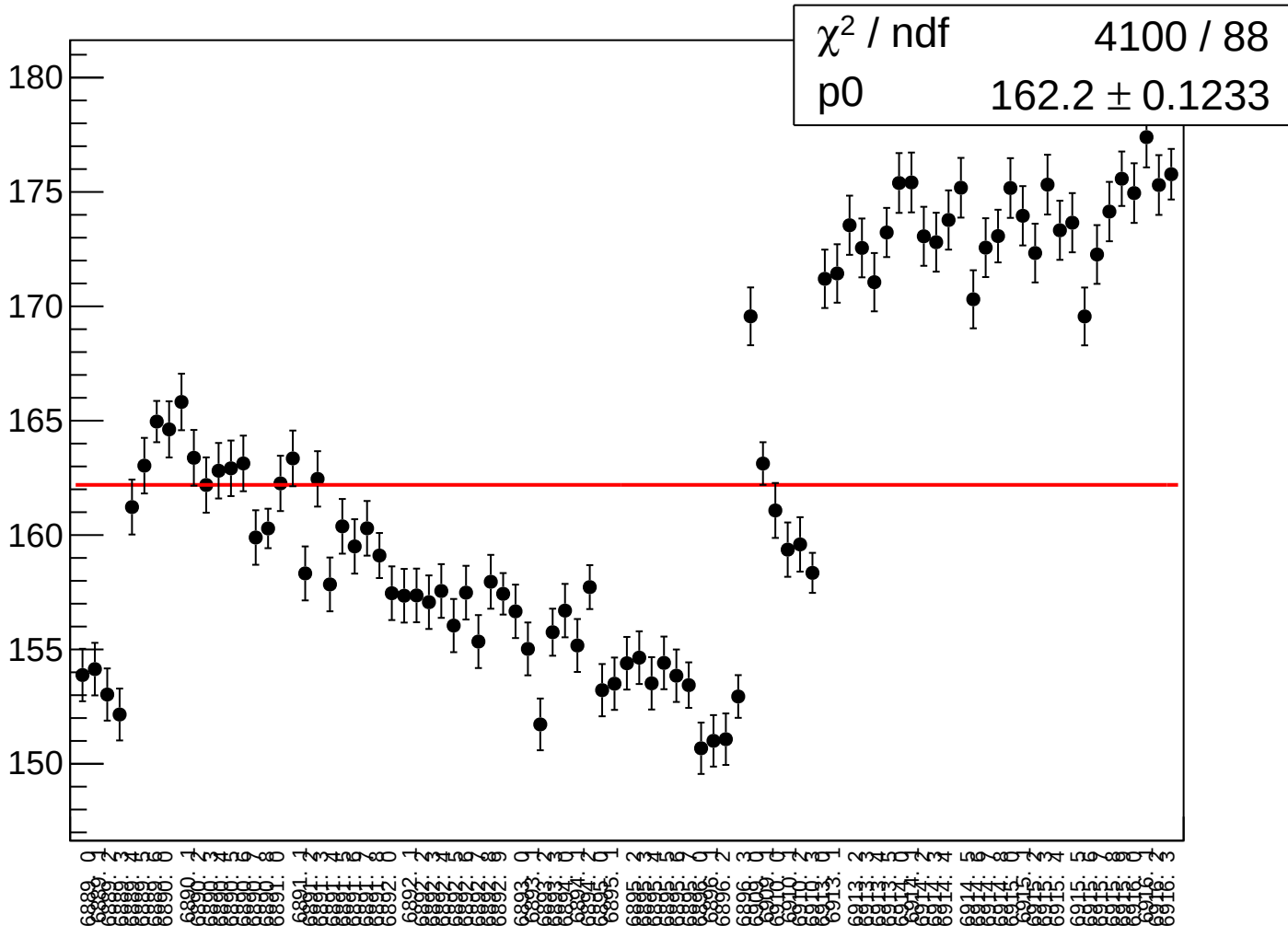
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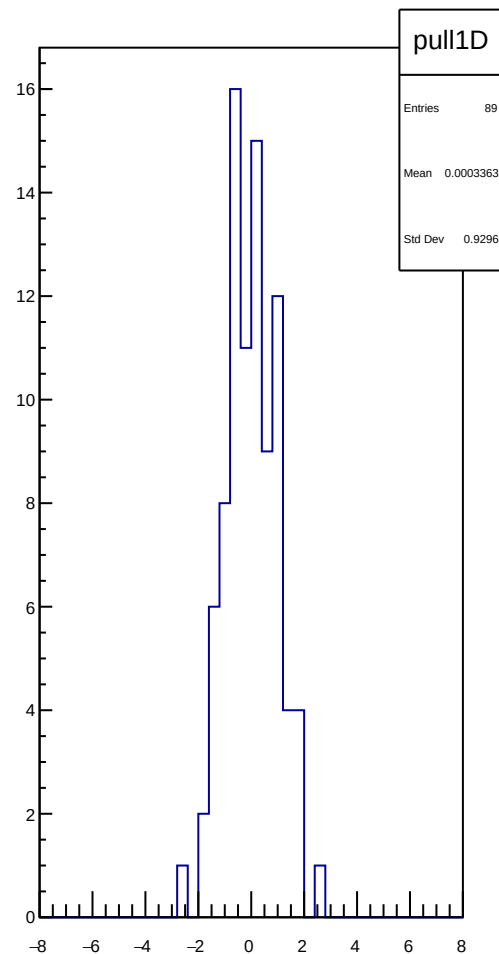
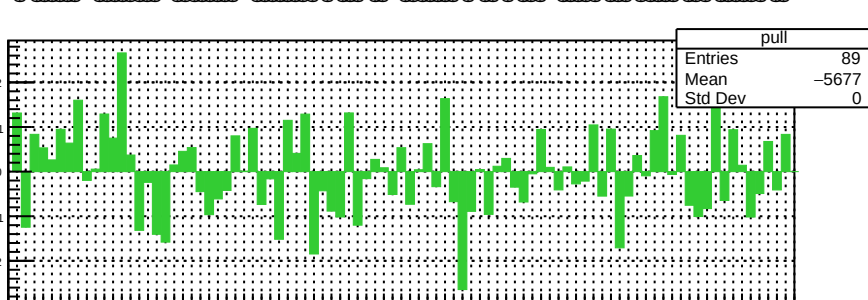
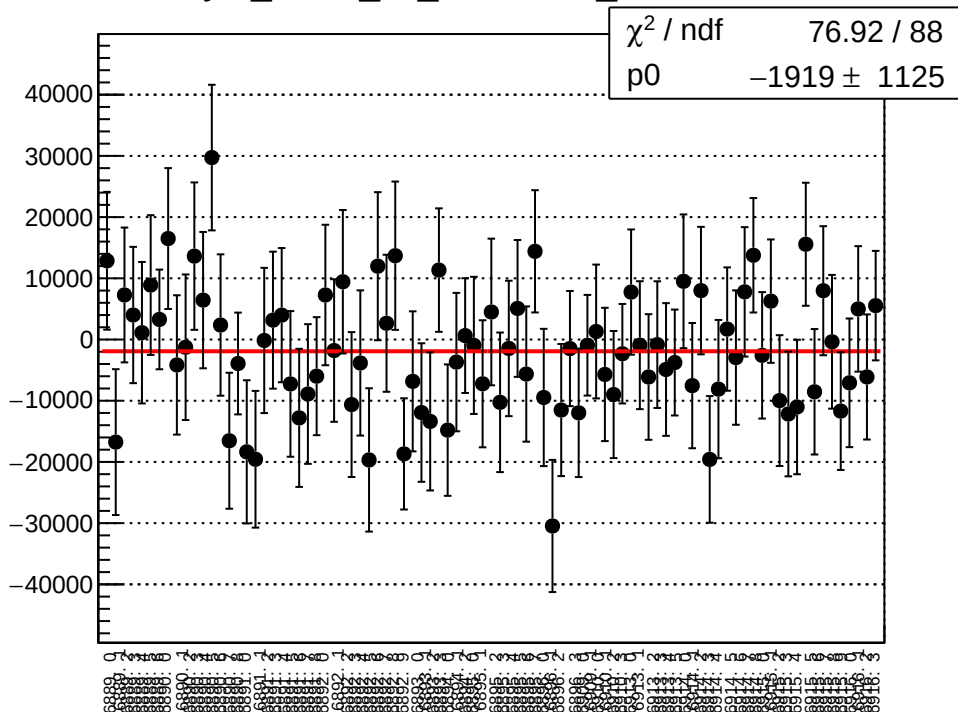
dit_asym_sam5_mean vs run



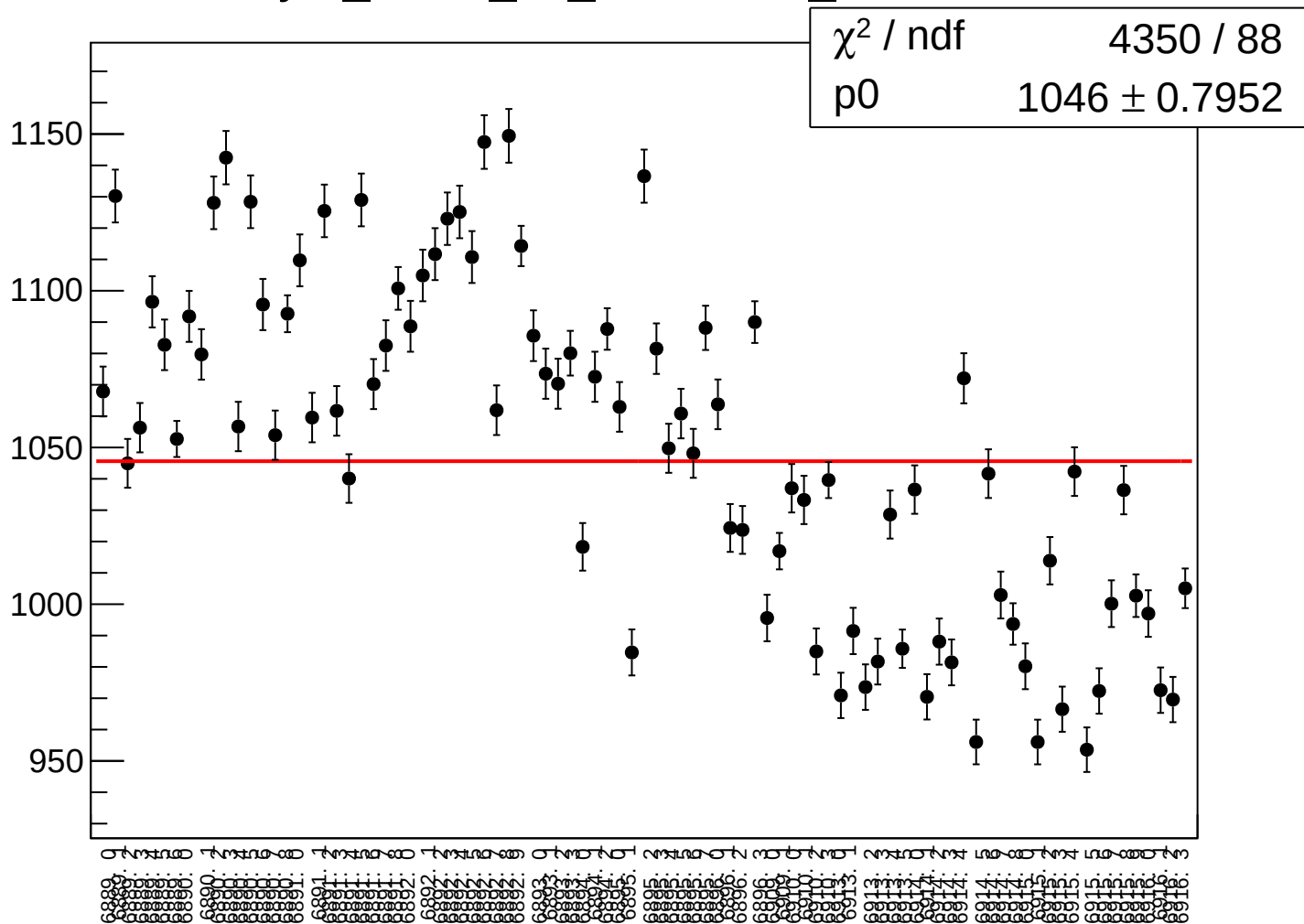
dit_asym_sam5_rms vs run



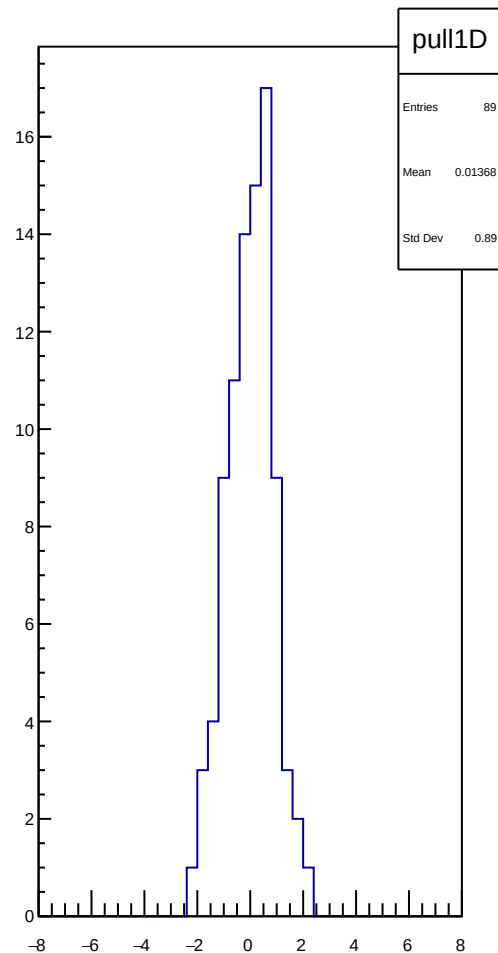
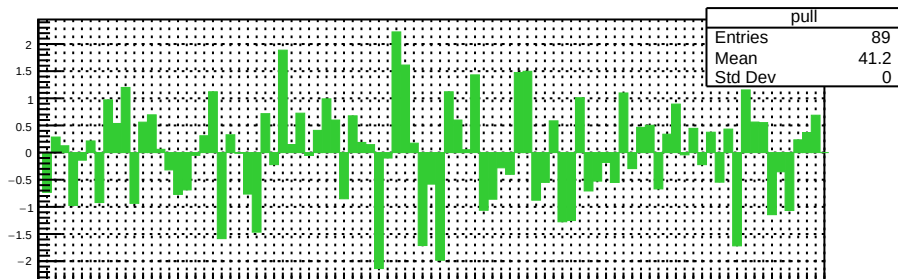
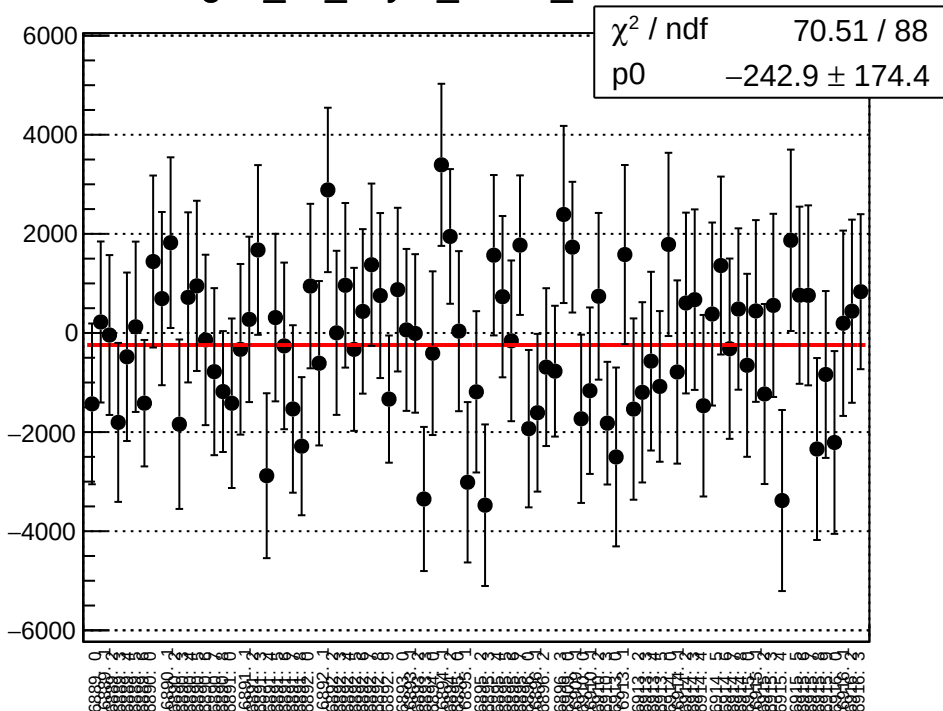
asym_sam5_dit_correction_mean vs run



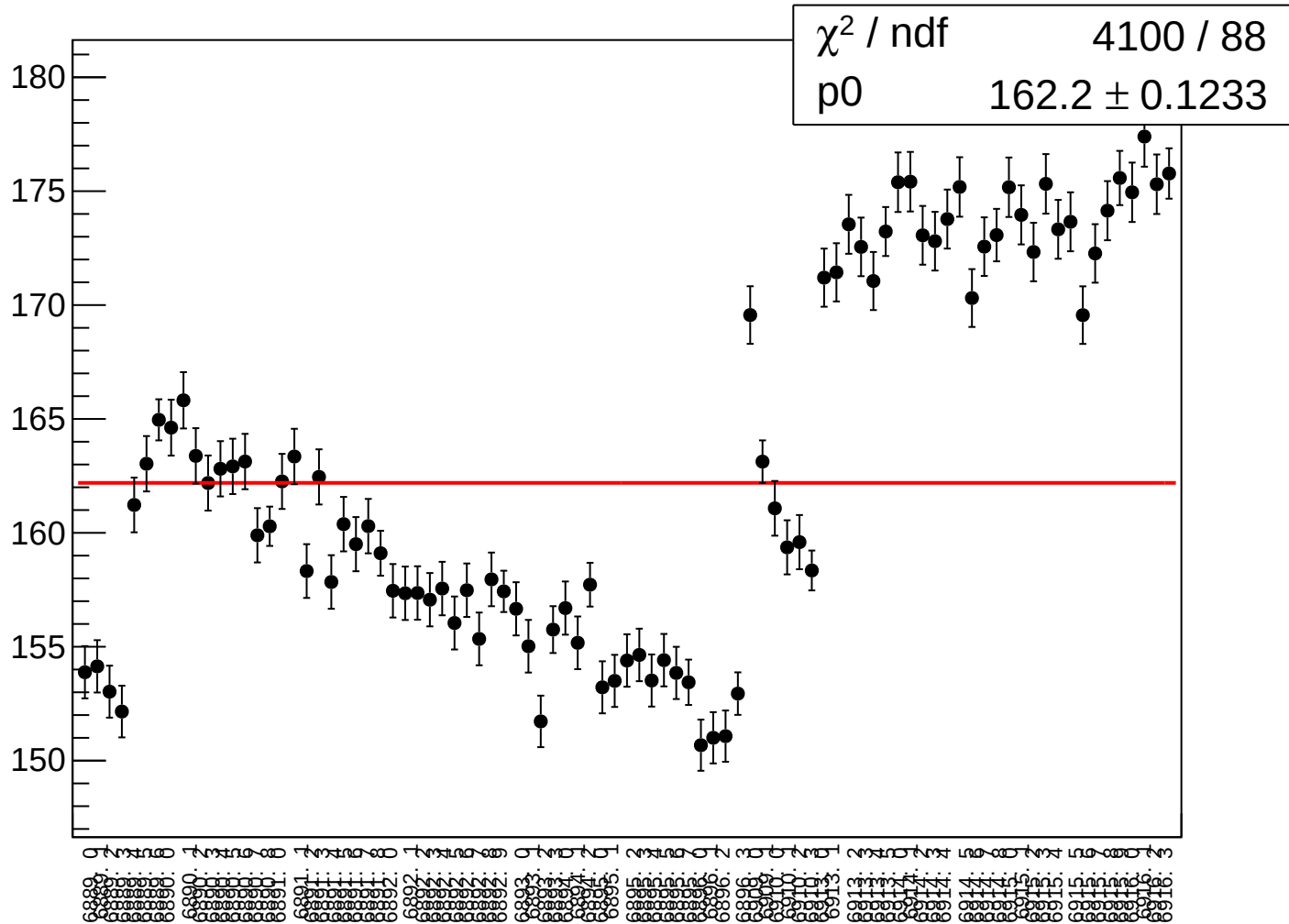
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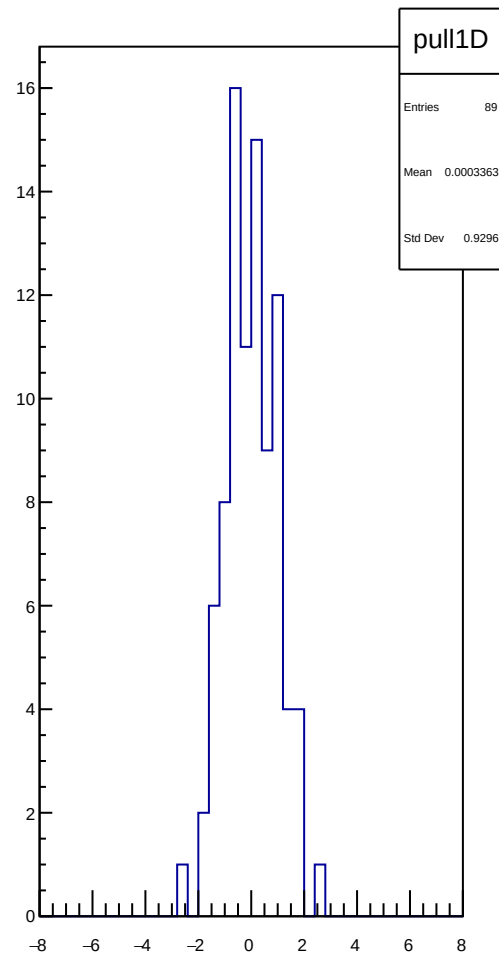
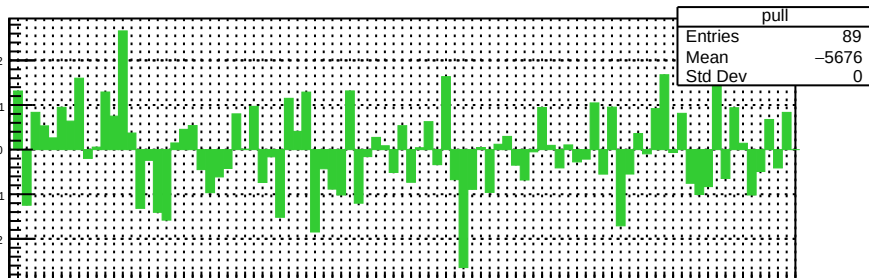
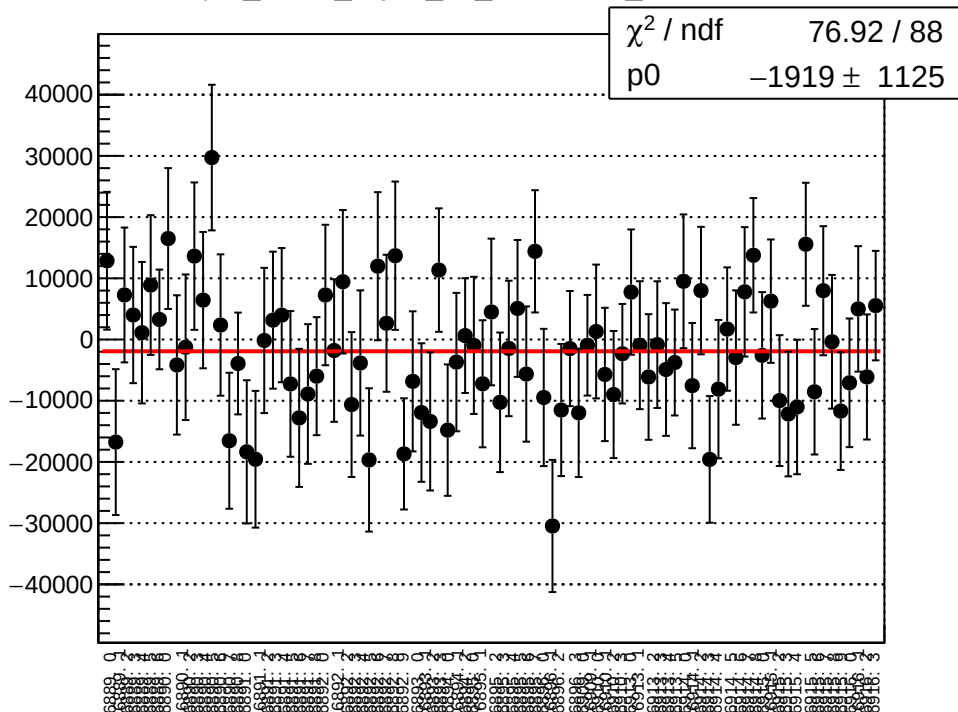
eigen_dit_asym_sam5_mean vs run



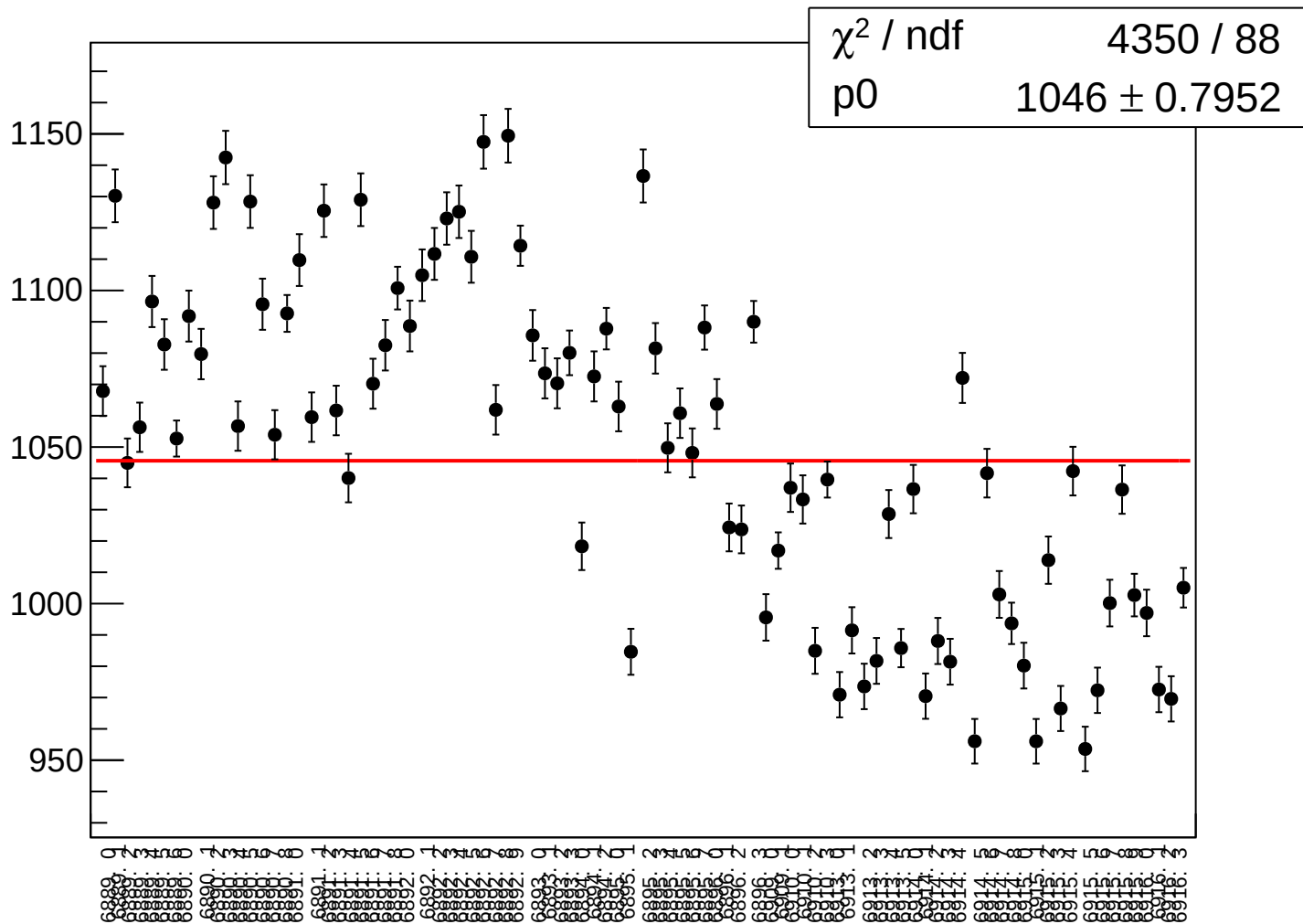
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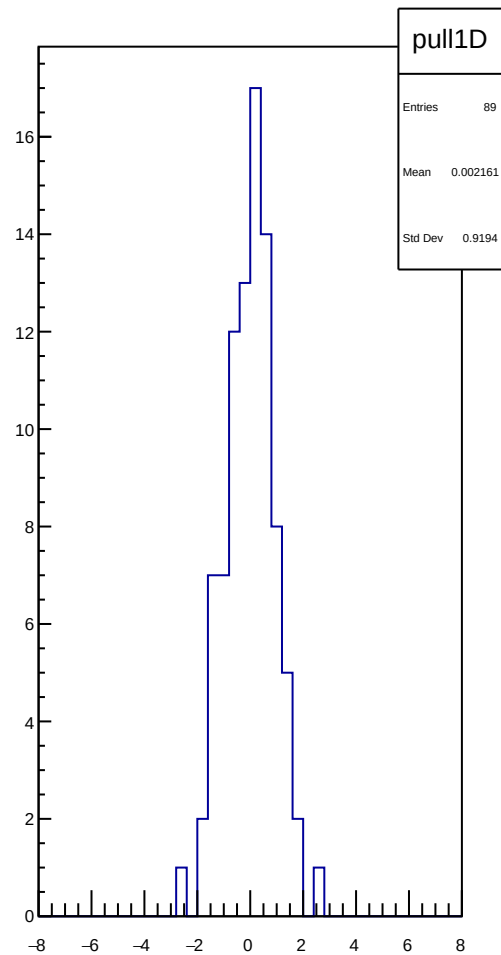
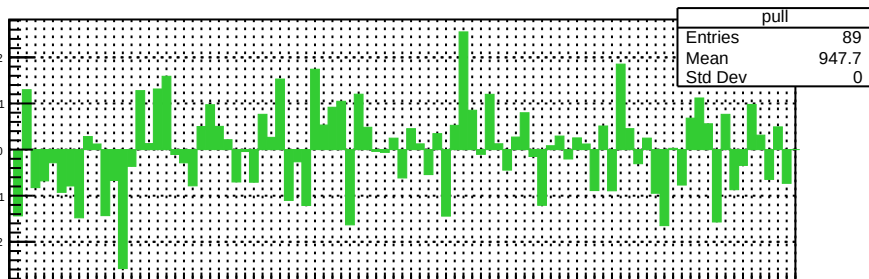
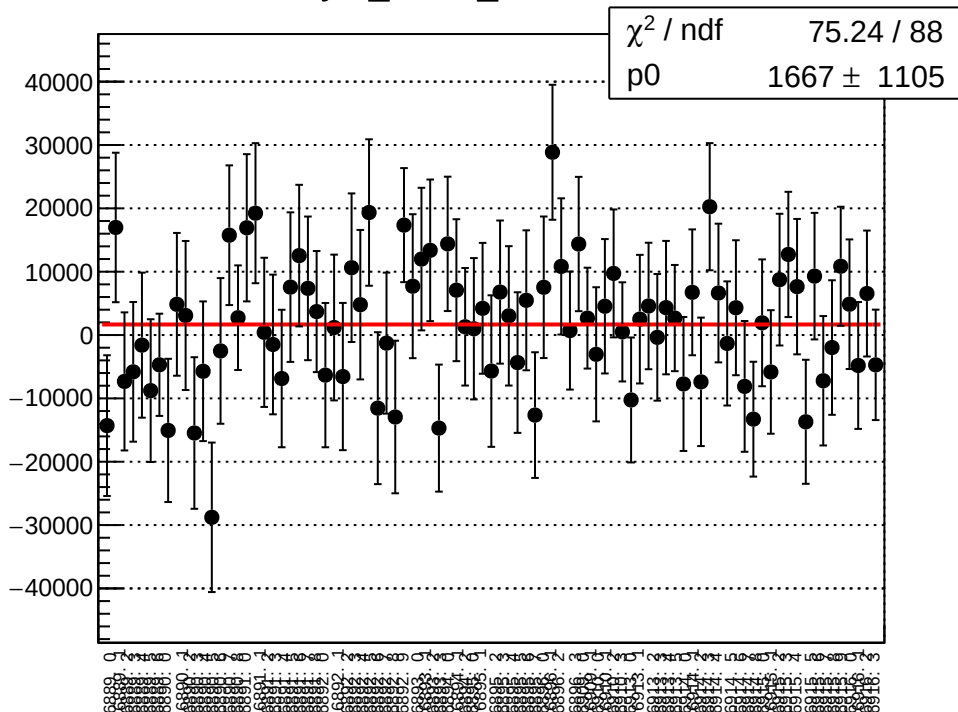
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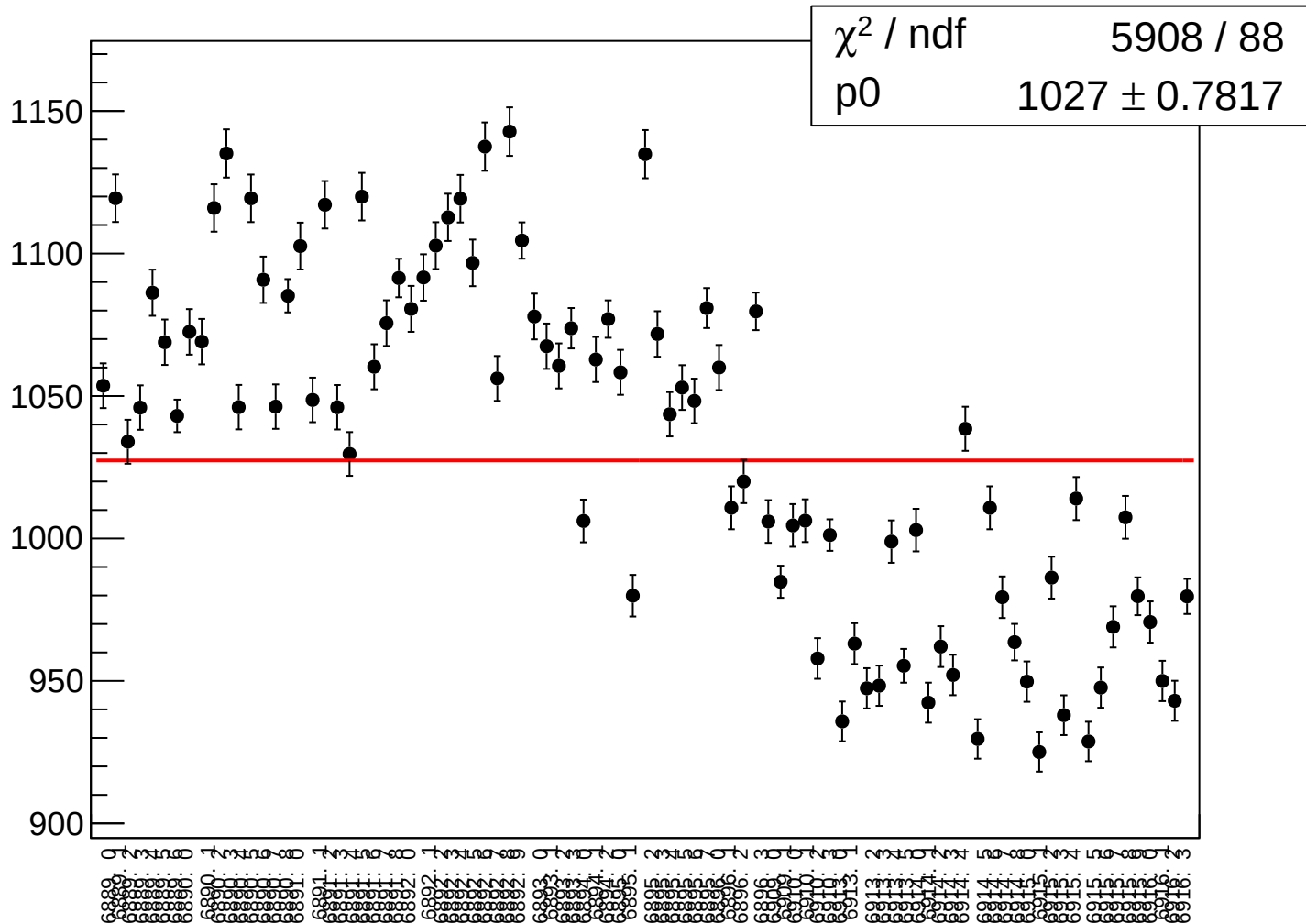
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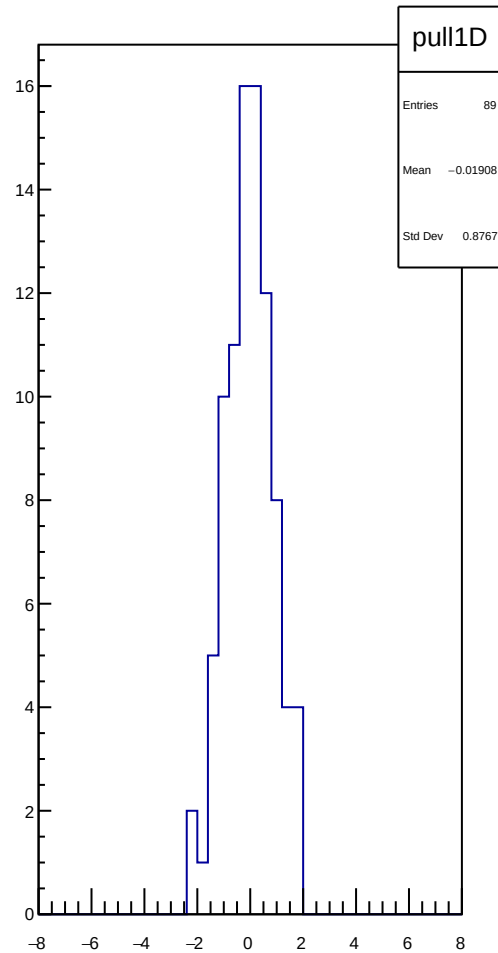
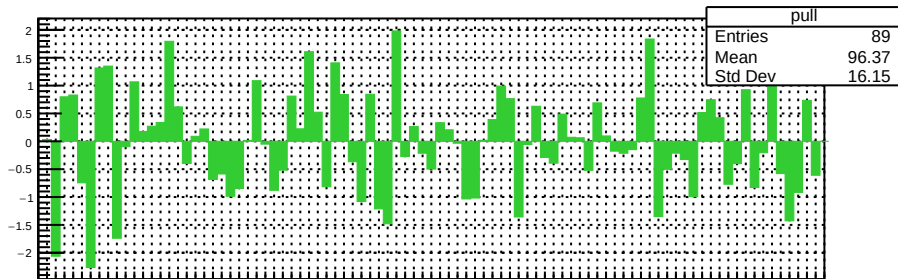
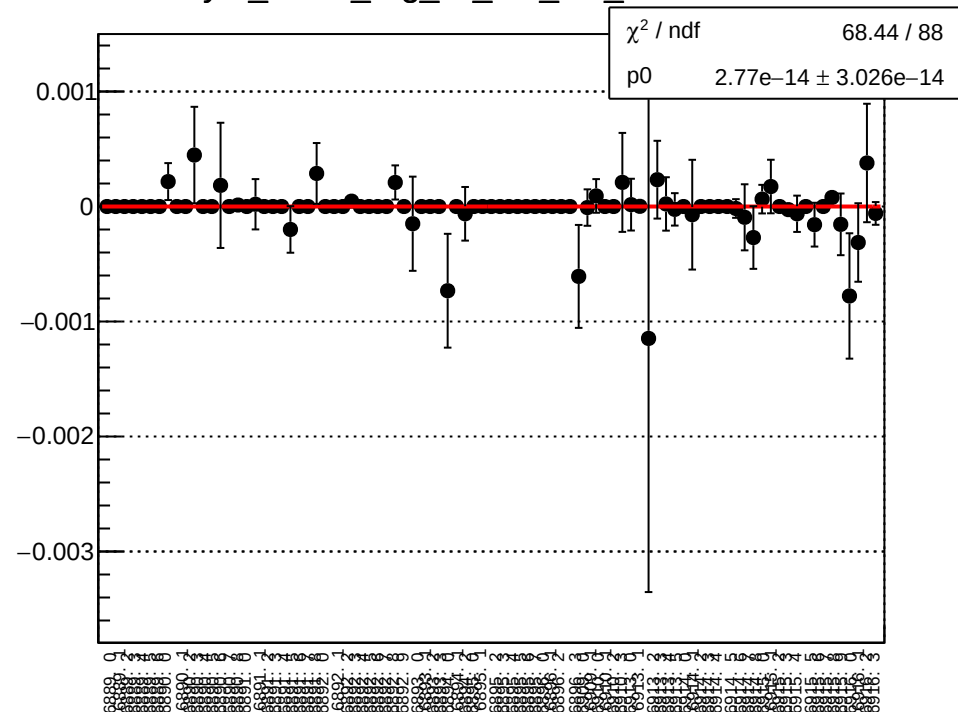
asym_sam5_mean vs run



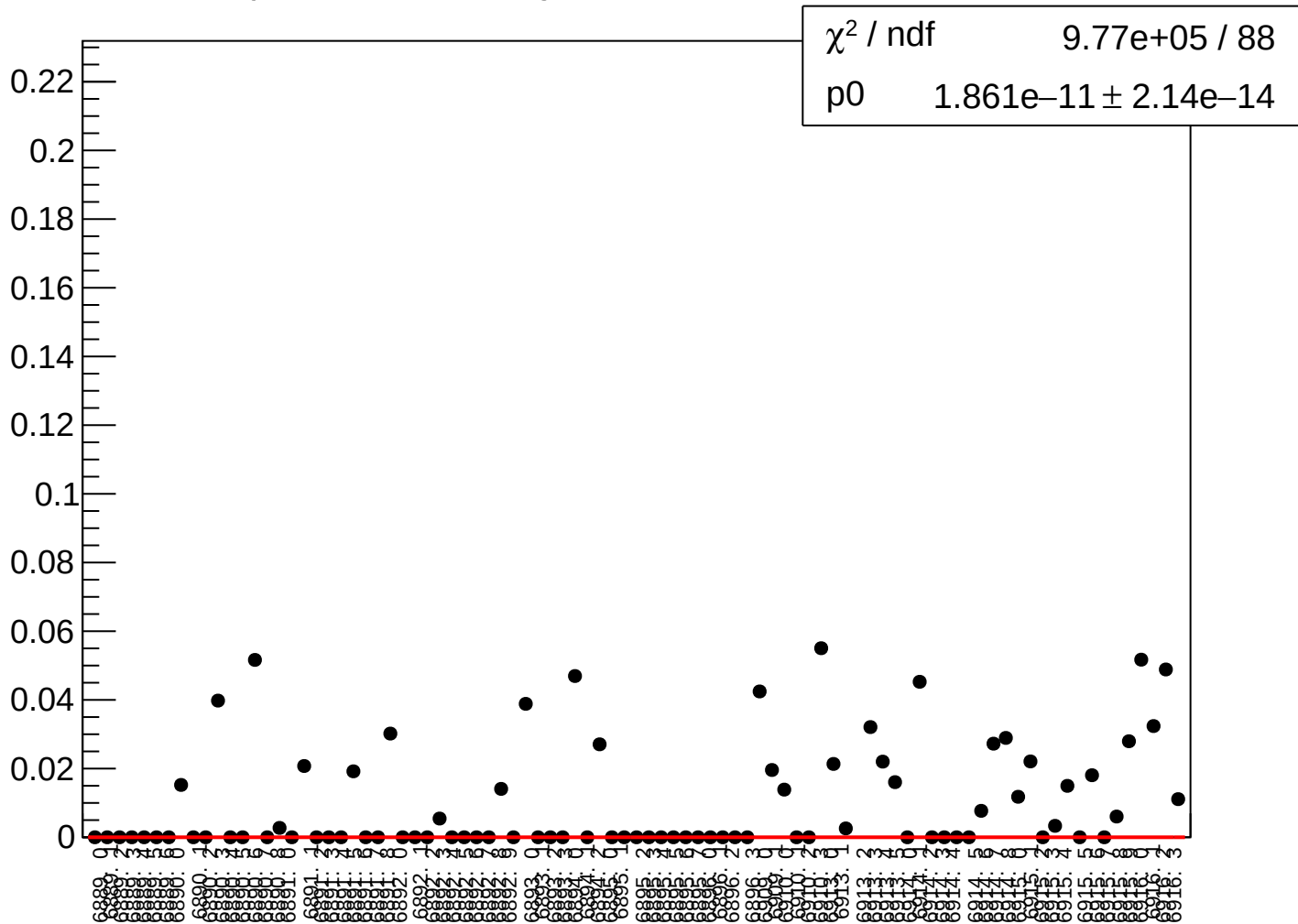
asym_sam5_rms vs run



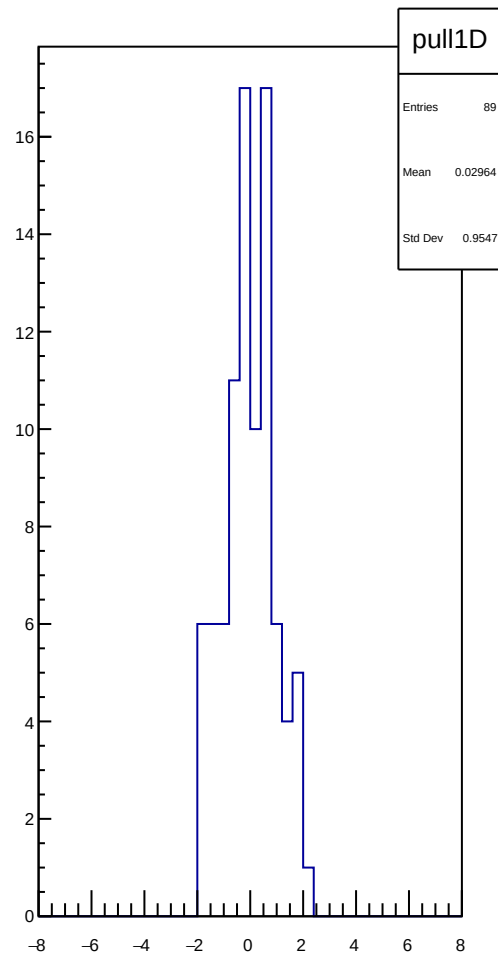
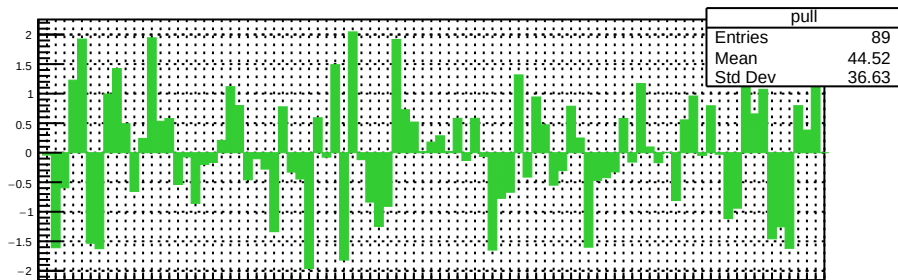
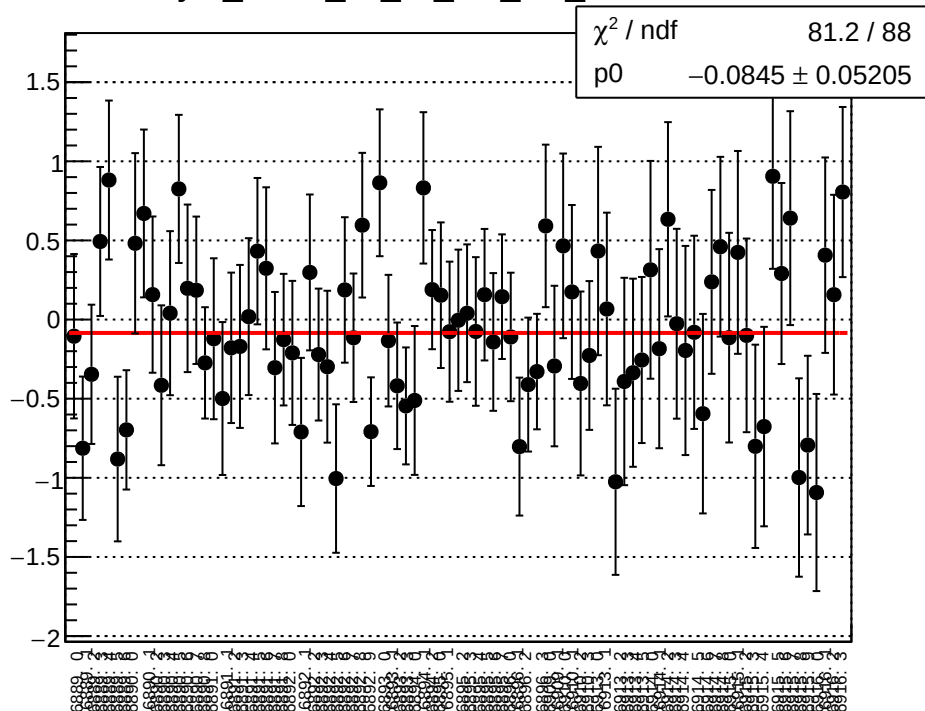
asym_sam5_reg_vs_cor_diff_mean vs run



asym_sam5_reg_vs_cor_diff_rms vs run

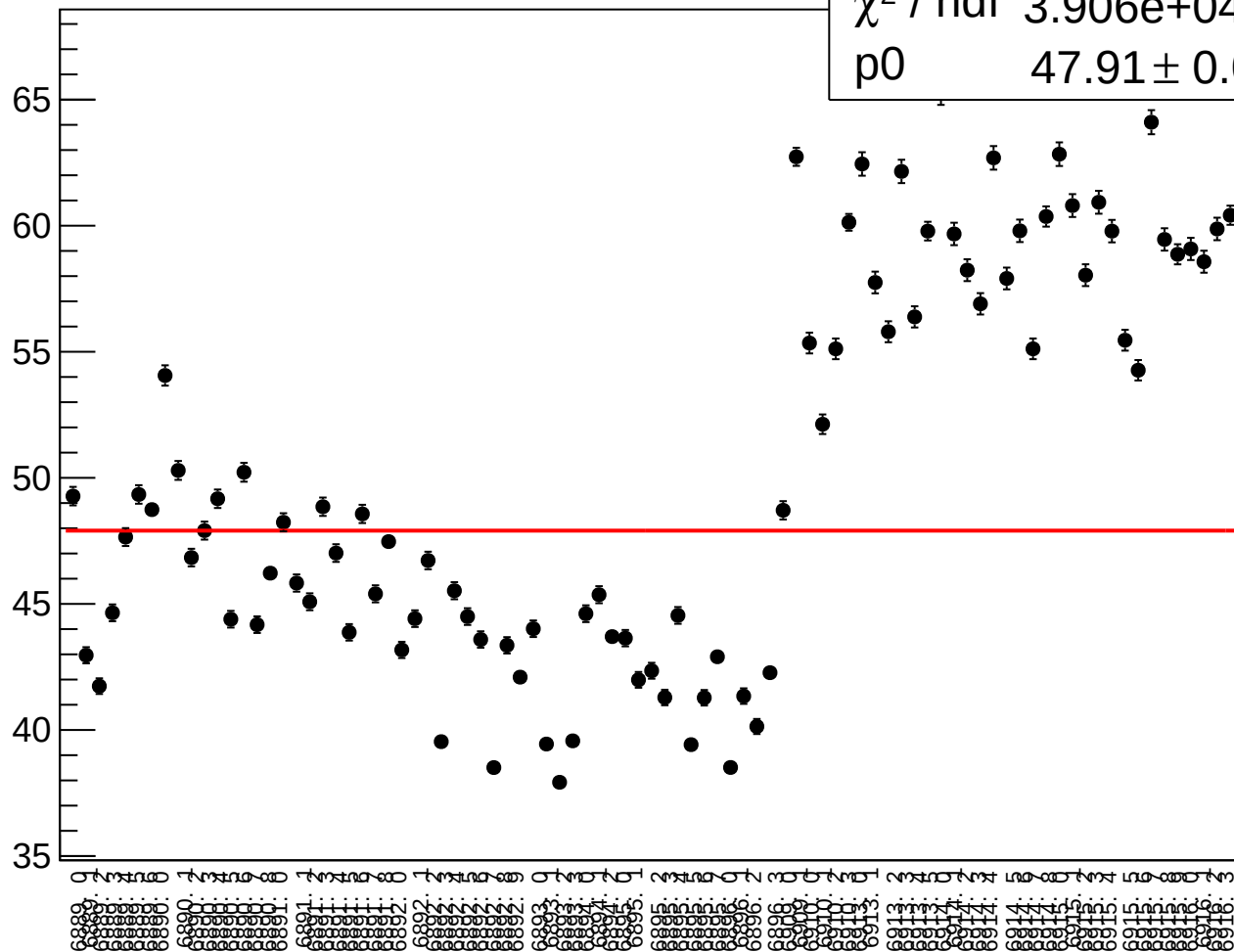


asym_sam5_dit_vs_cor_diff_mean vs run

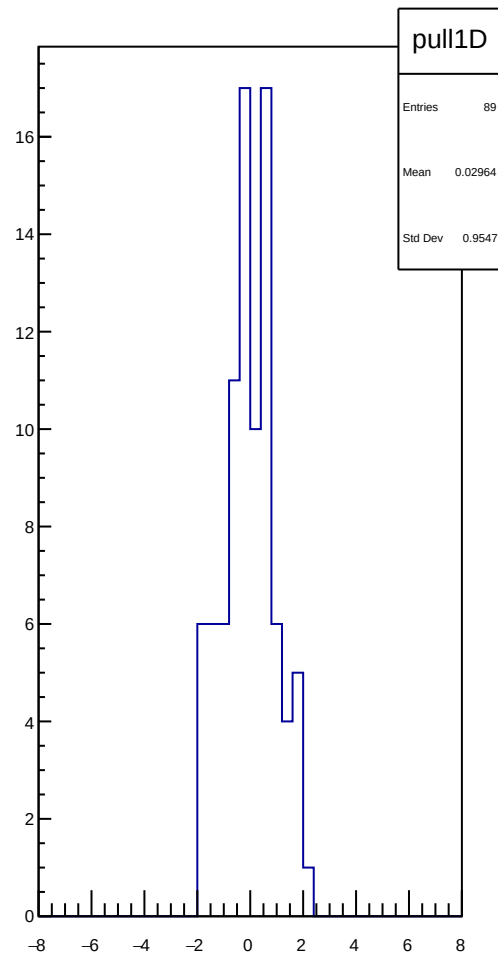
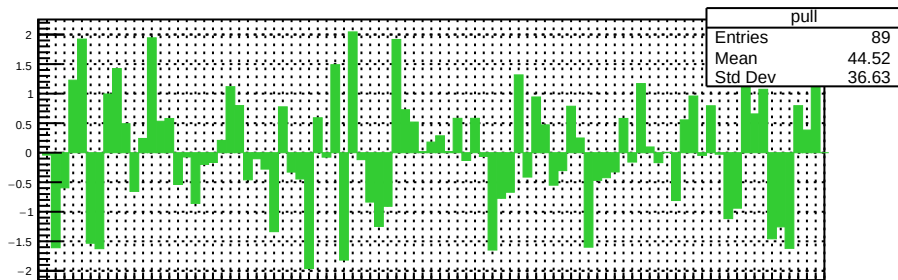
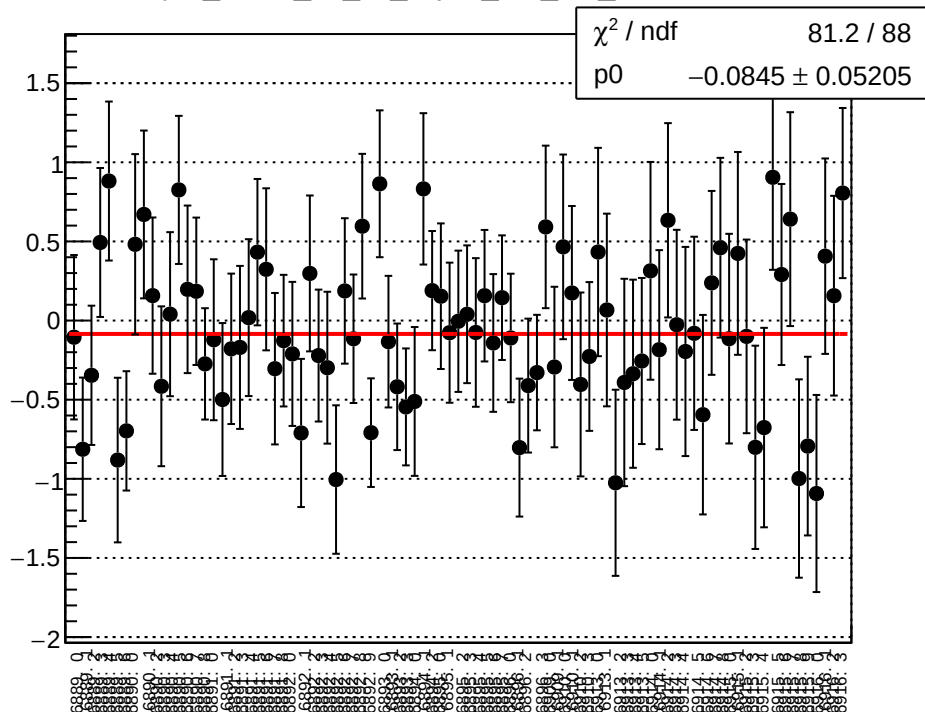


asym_sam5_dit_vs_cor_diff_rms vs run

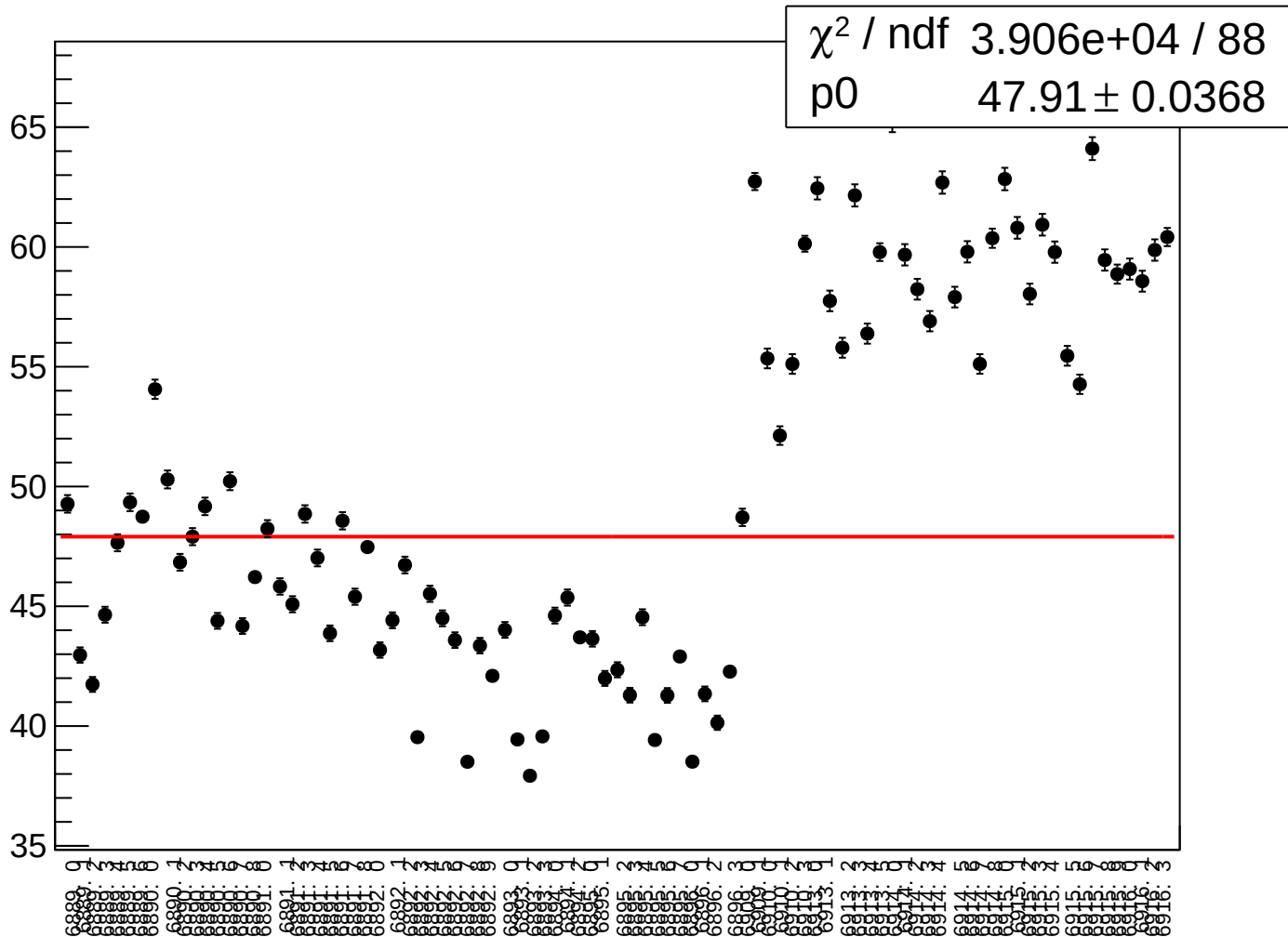
χ^2 / ndf 3.906e+04 / 88
p0 47.91 ± 0.0368



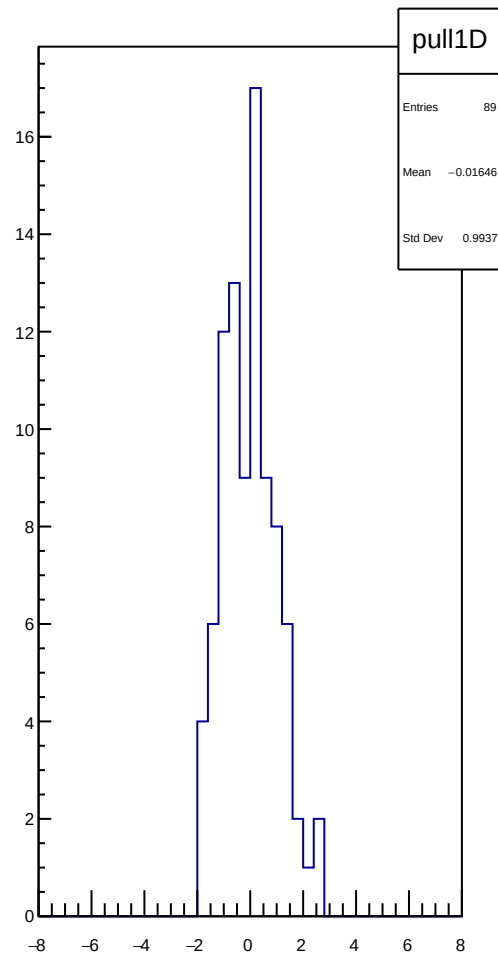
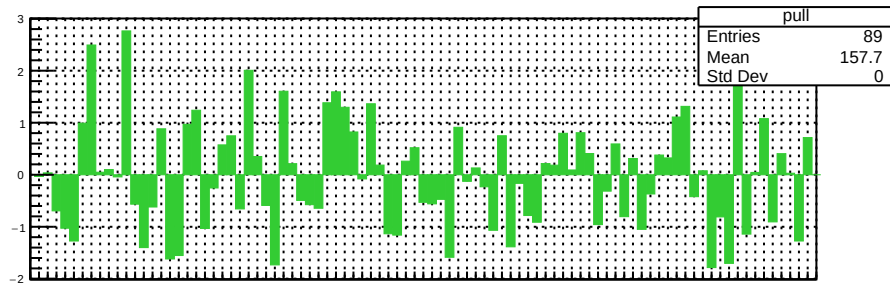
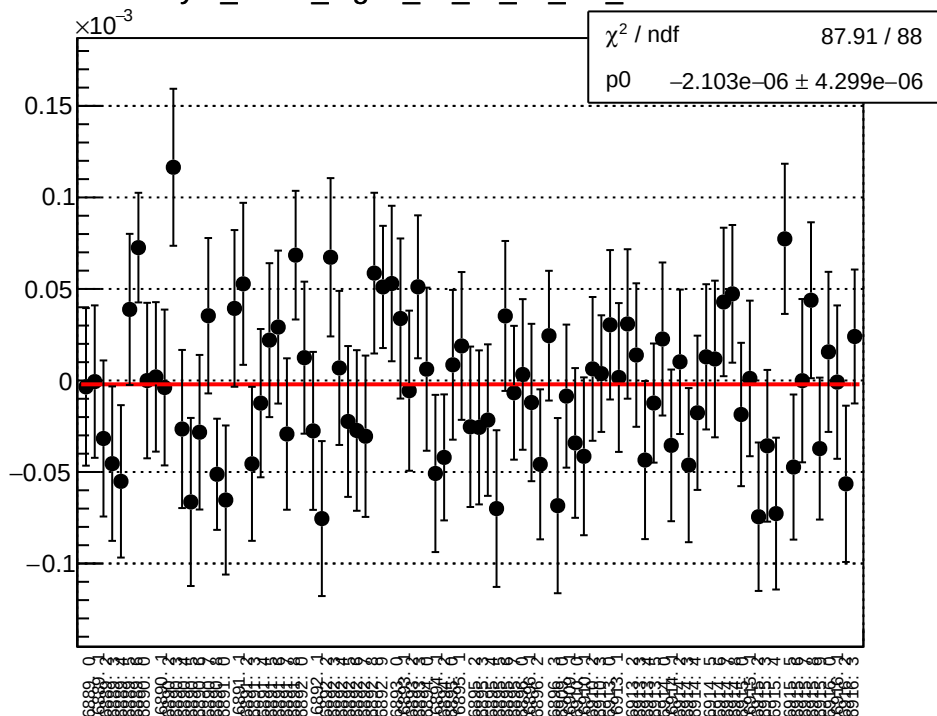
asym_sam5_dit_vs_eigen_cor_diff_mean vs run



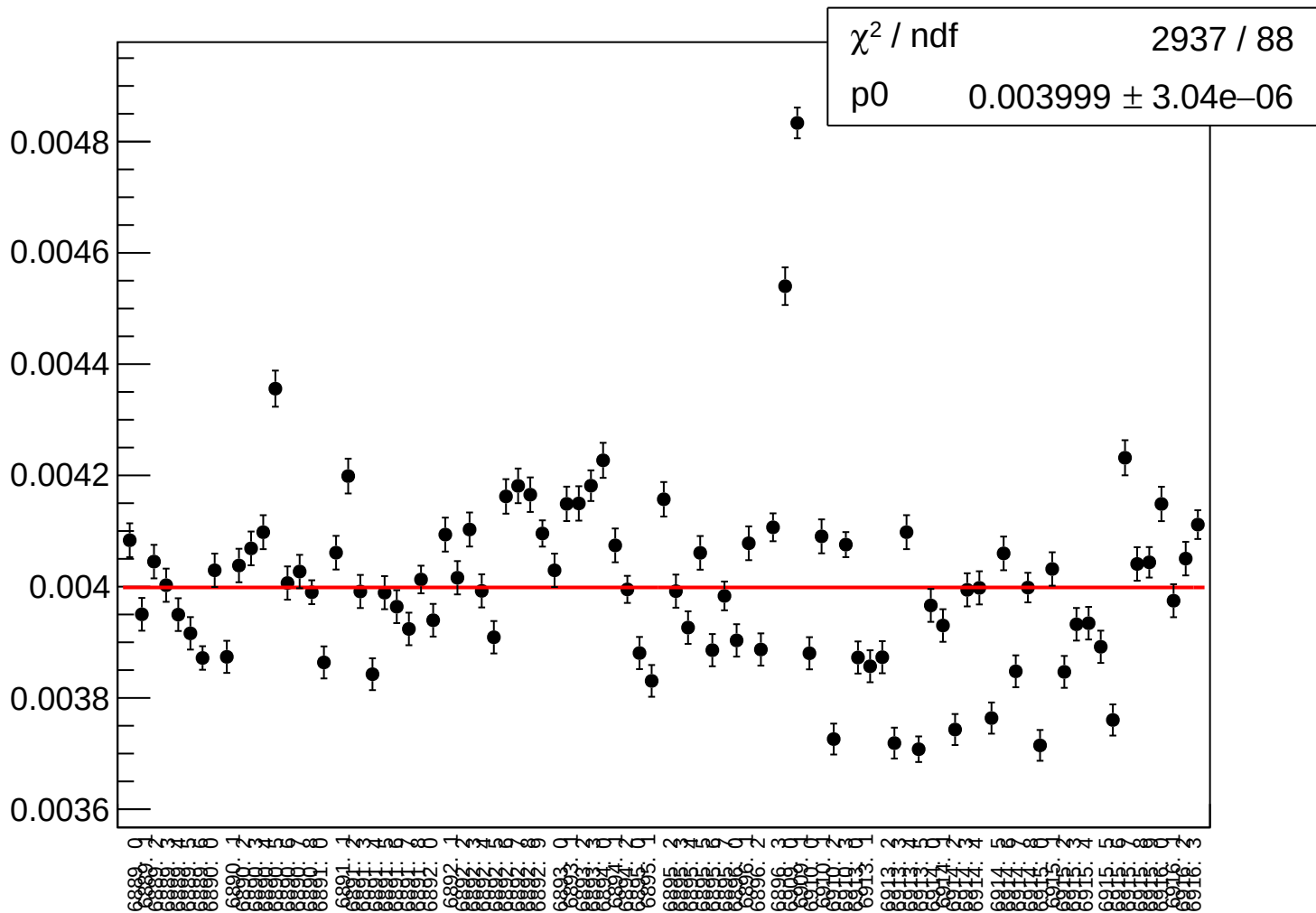
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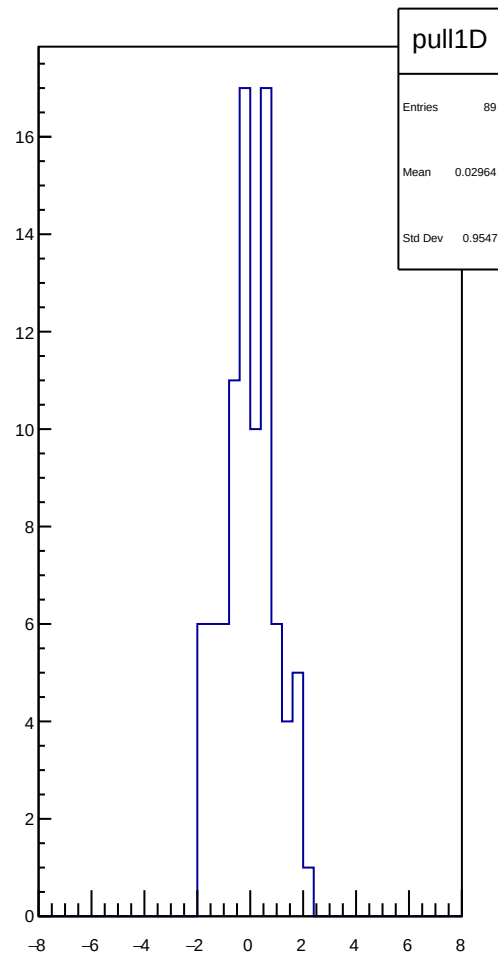
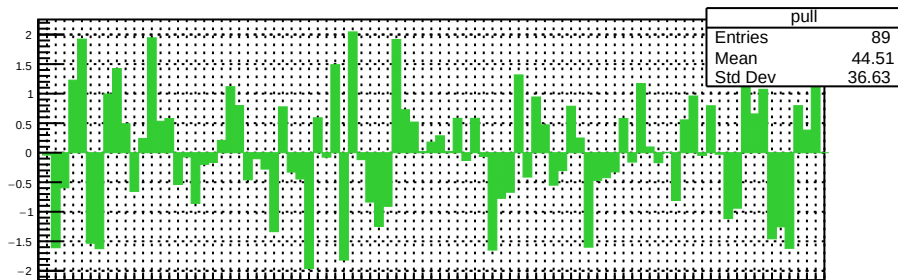
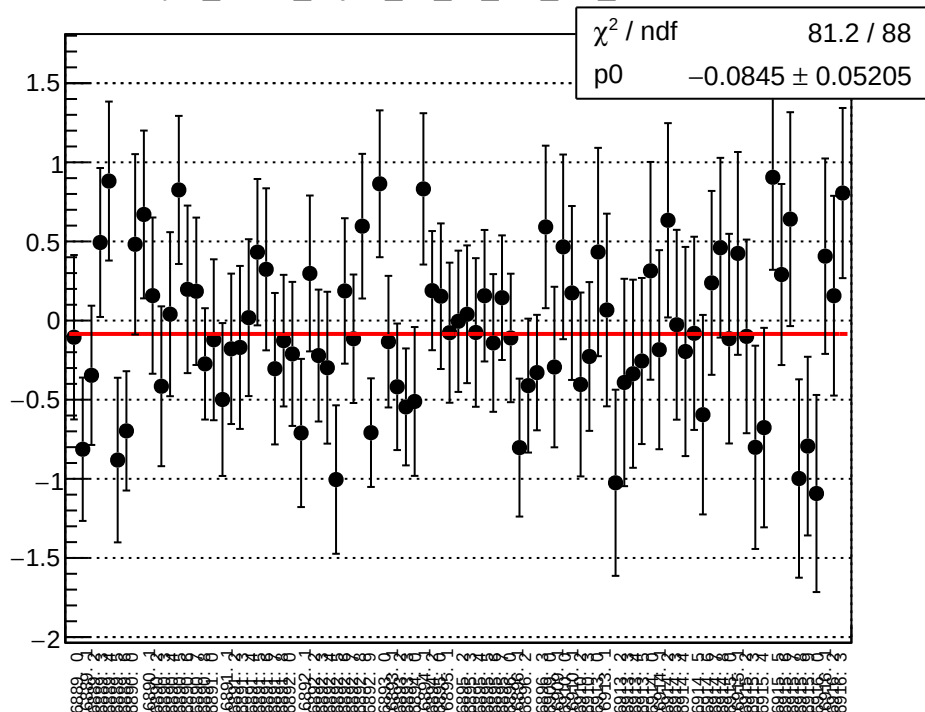
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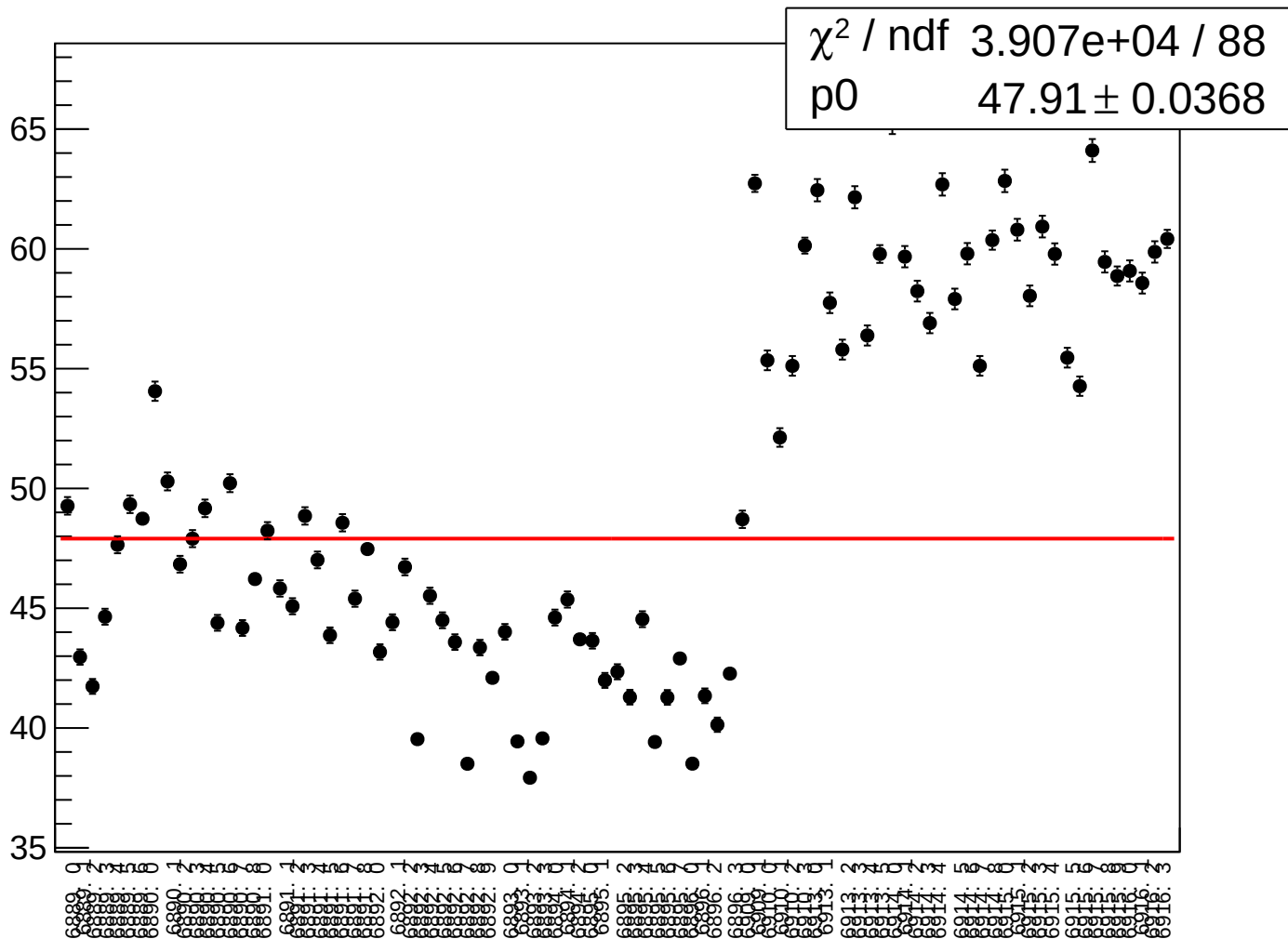
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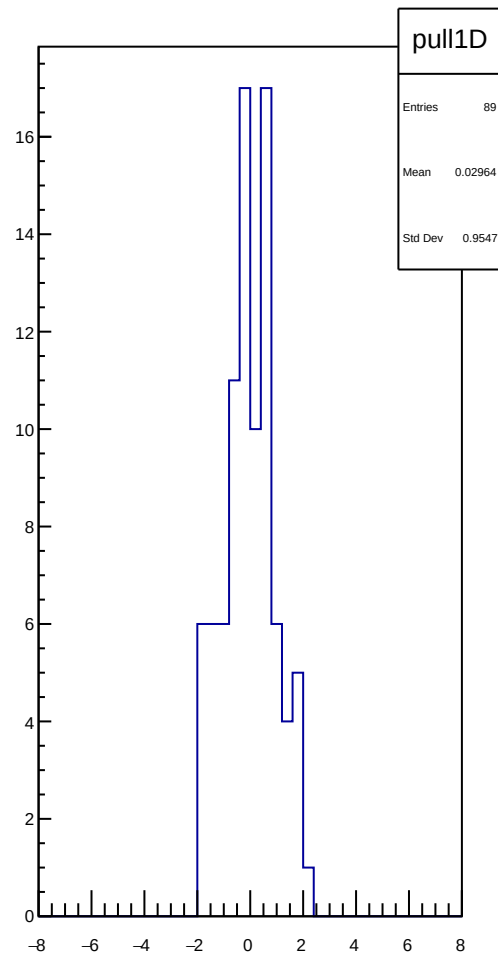
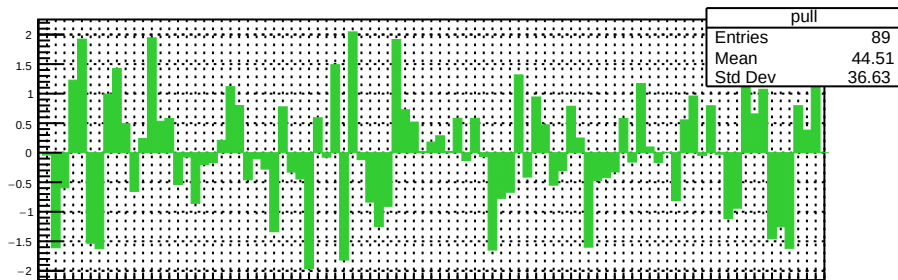
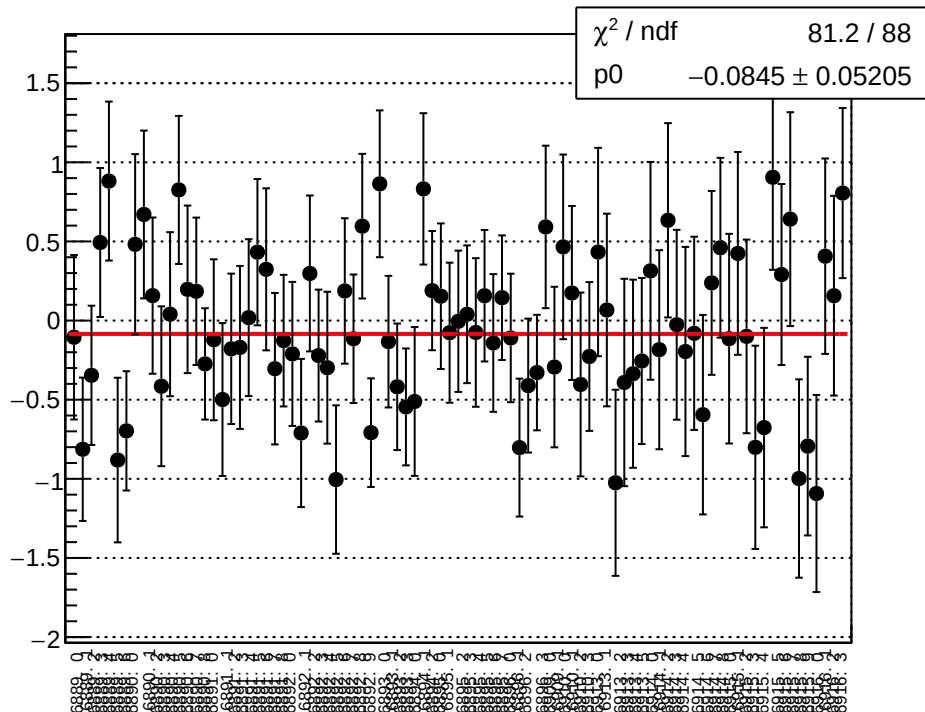
asym_sam5_eigen_dit_vs_cor_diff_mean vs run



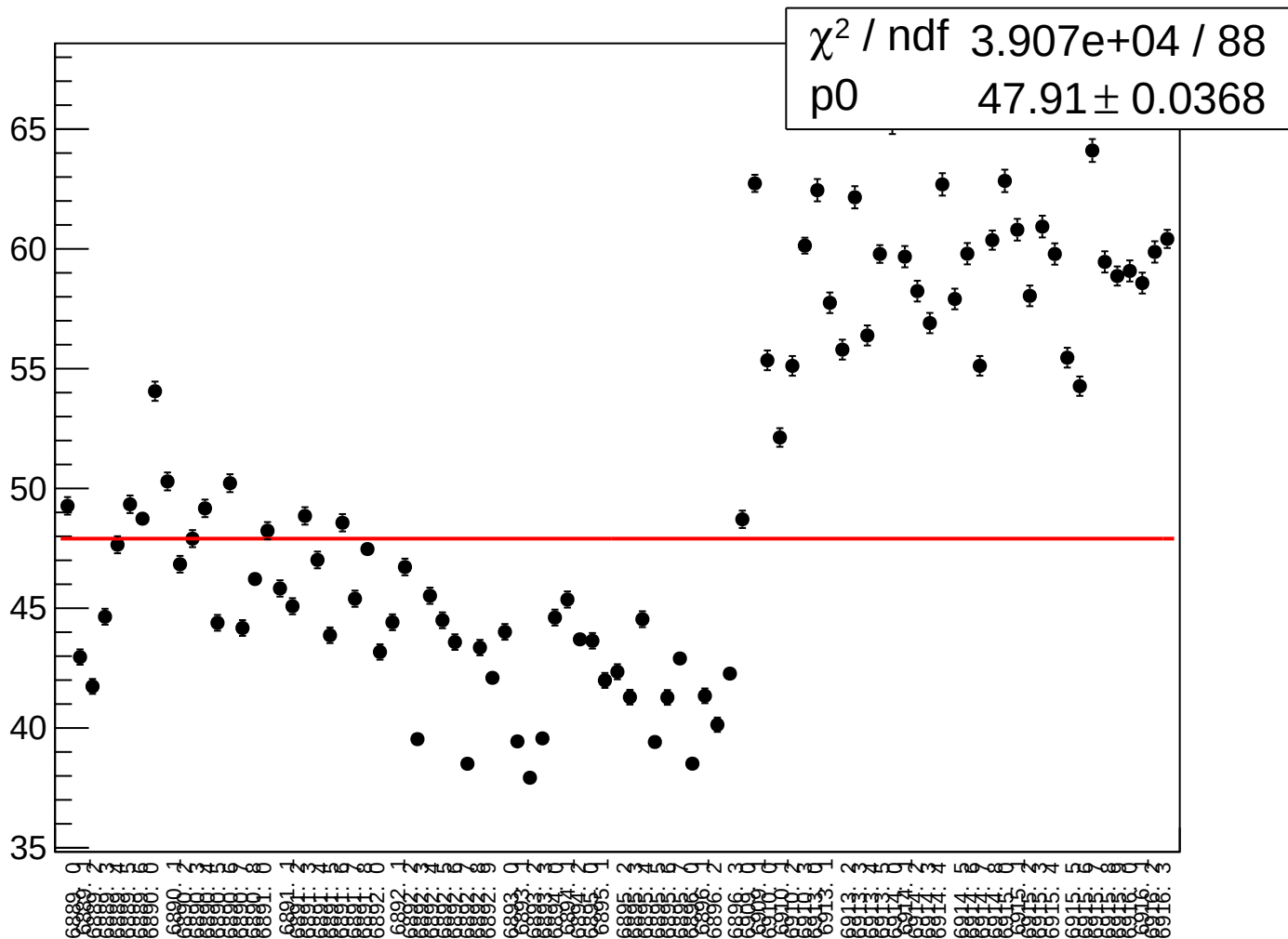
asym_sam5_eigen_dit_vs_cor_diff_rms vs run



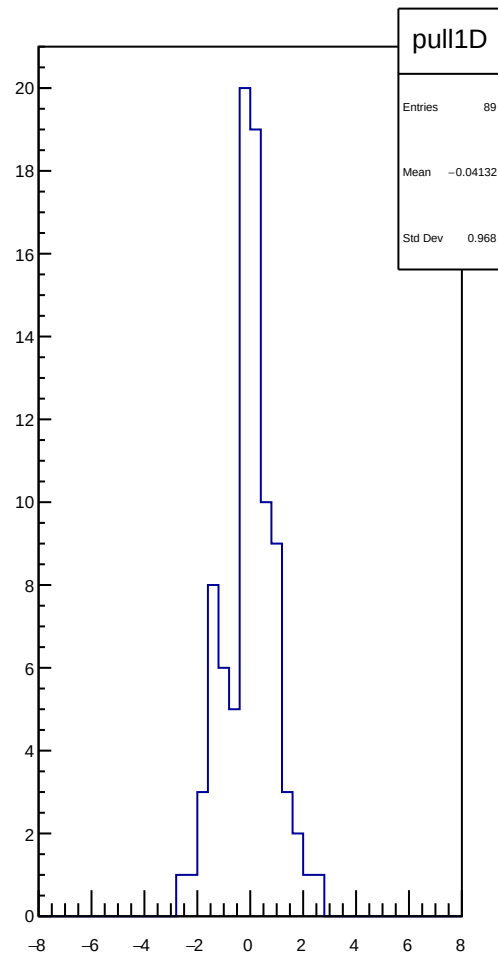
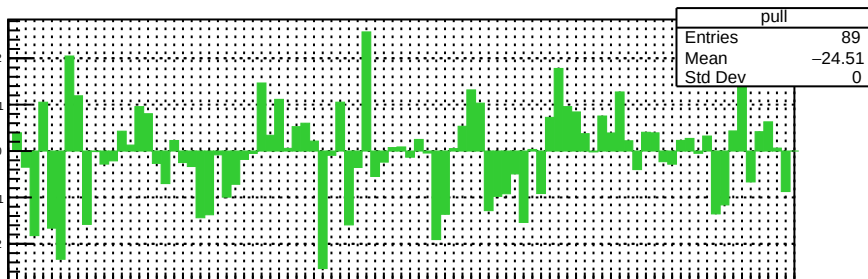
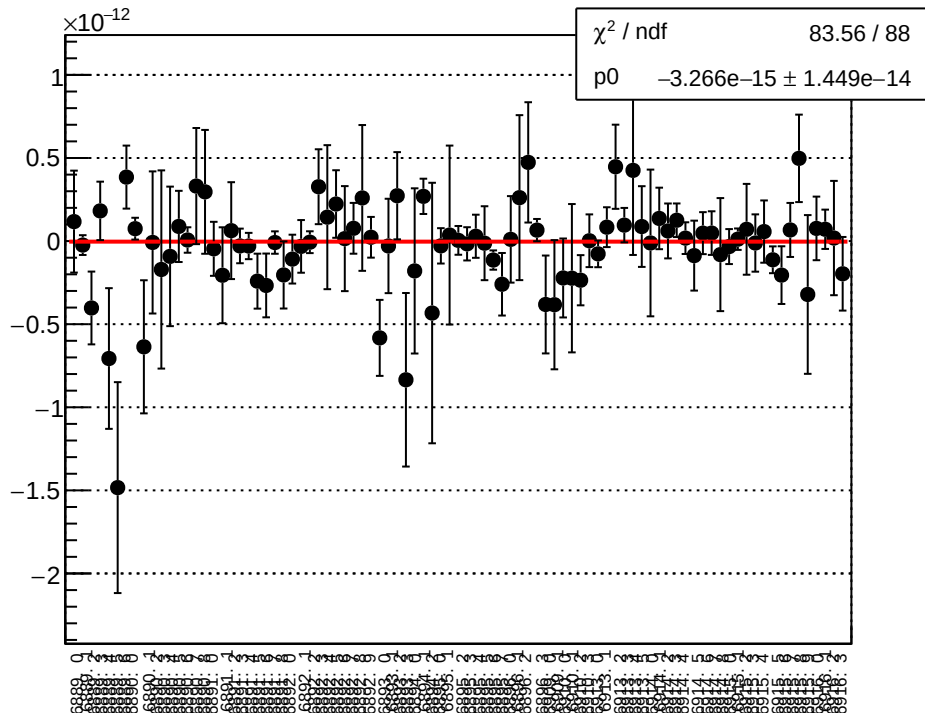
asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs run



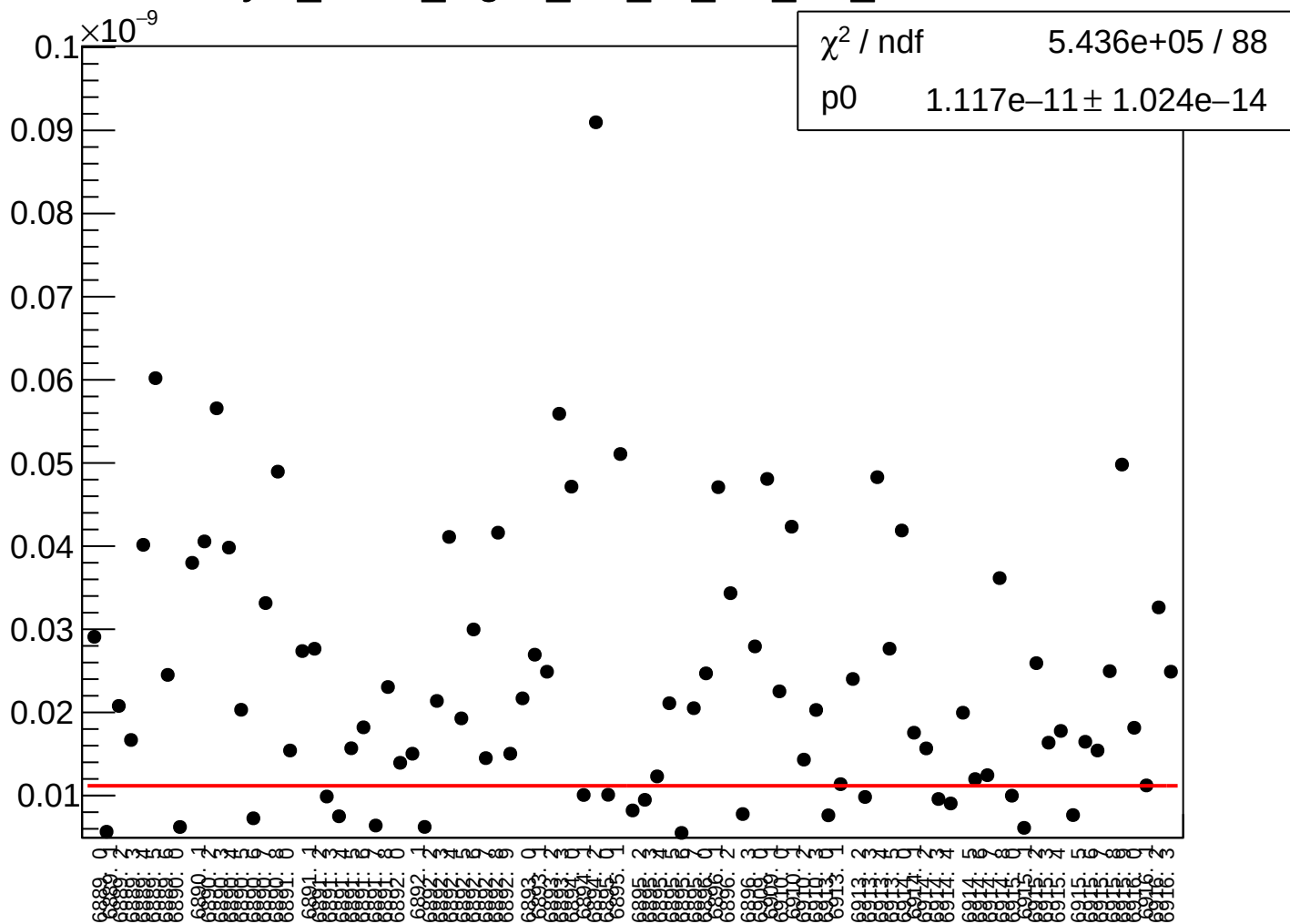
asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs run



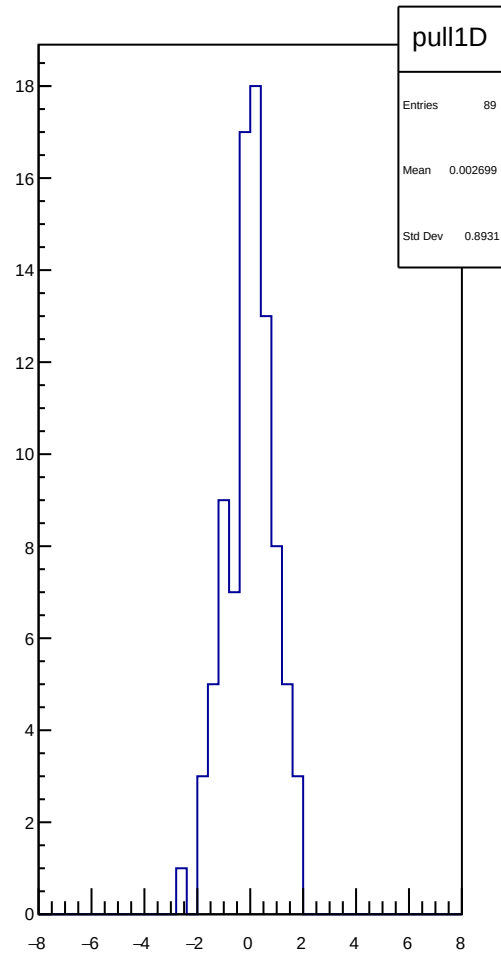
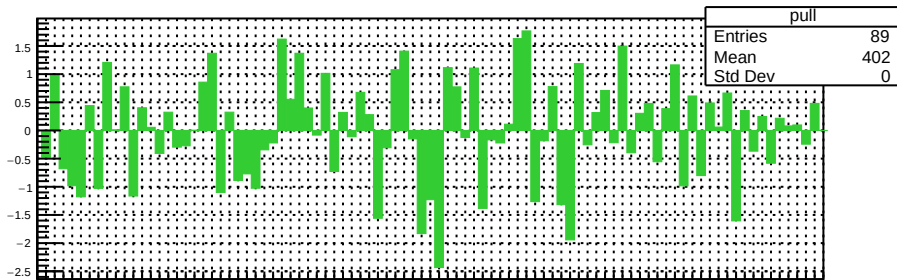
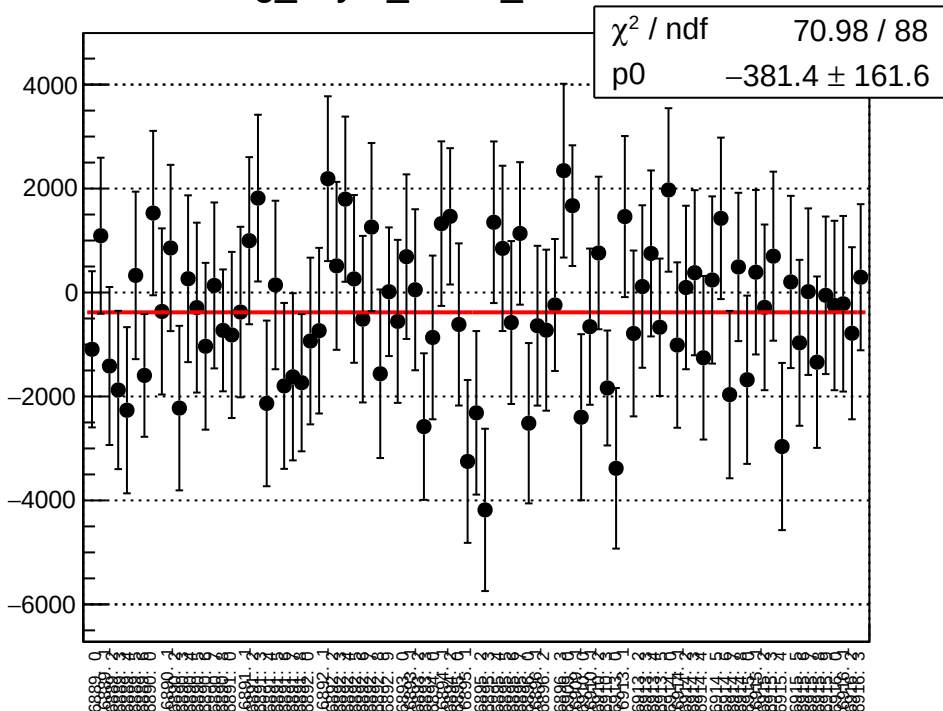
asym_sam5_eigen_cor_vs_cor_diff_mean vs run



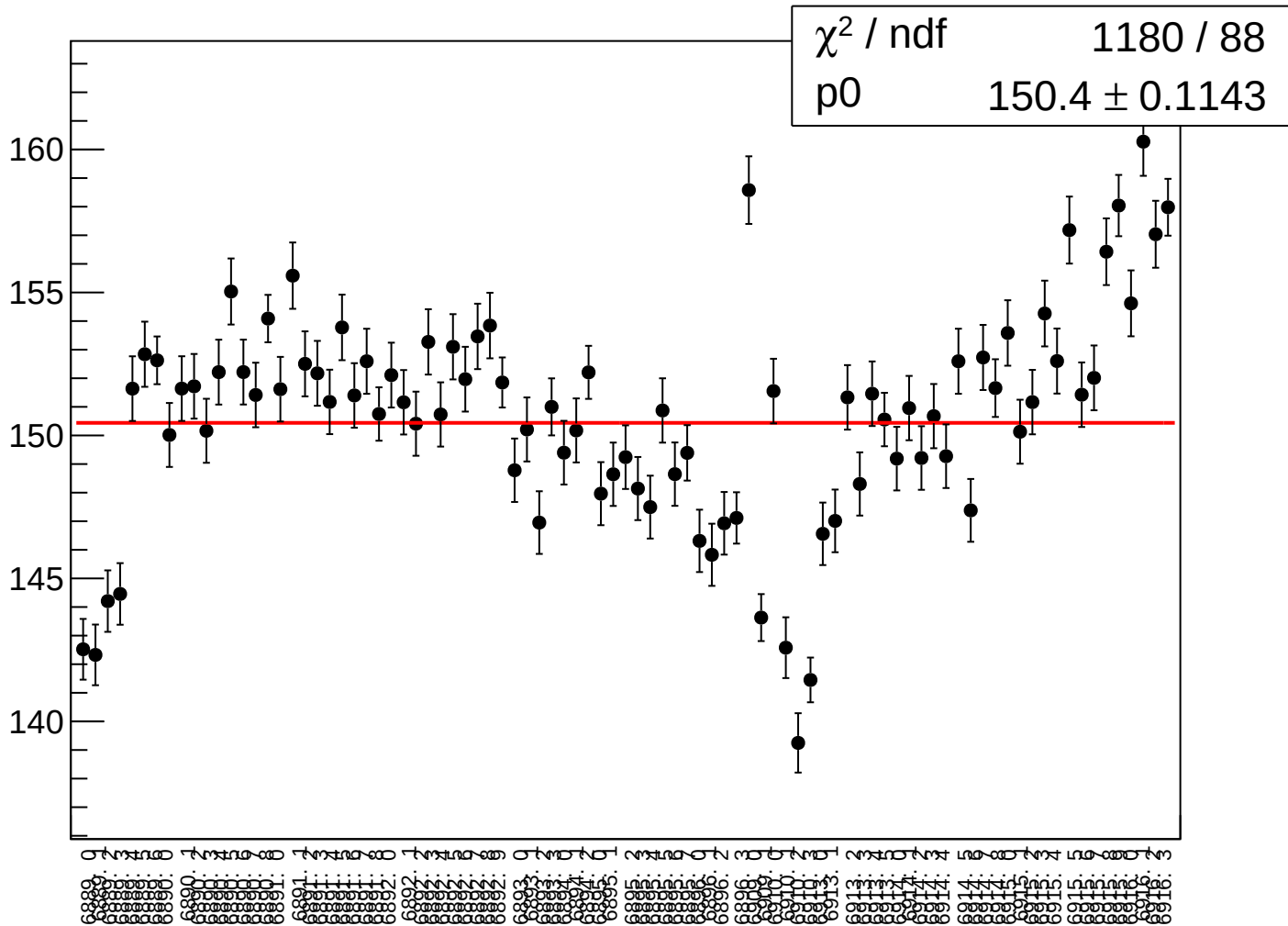
asym_sam5_eigen_cor_vs_cor_diff_rms vs run



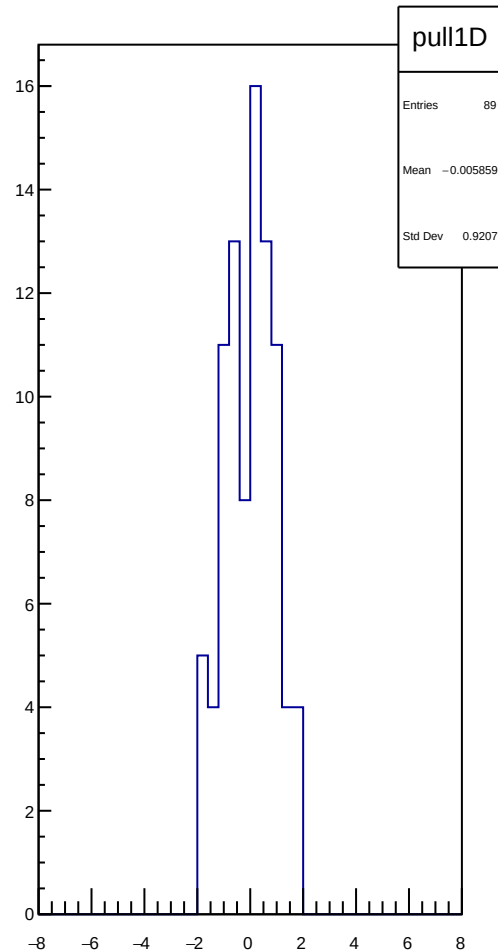
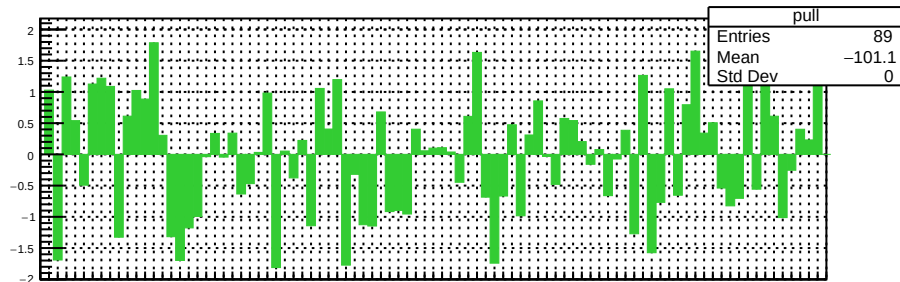
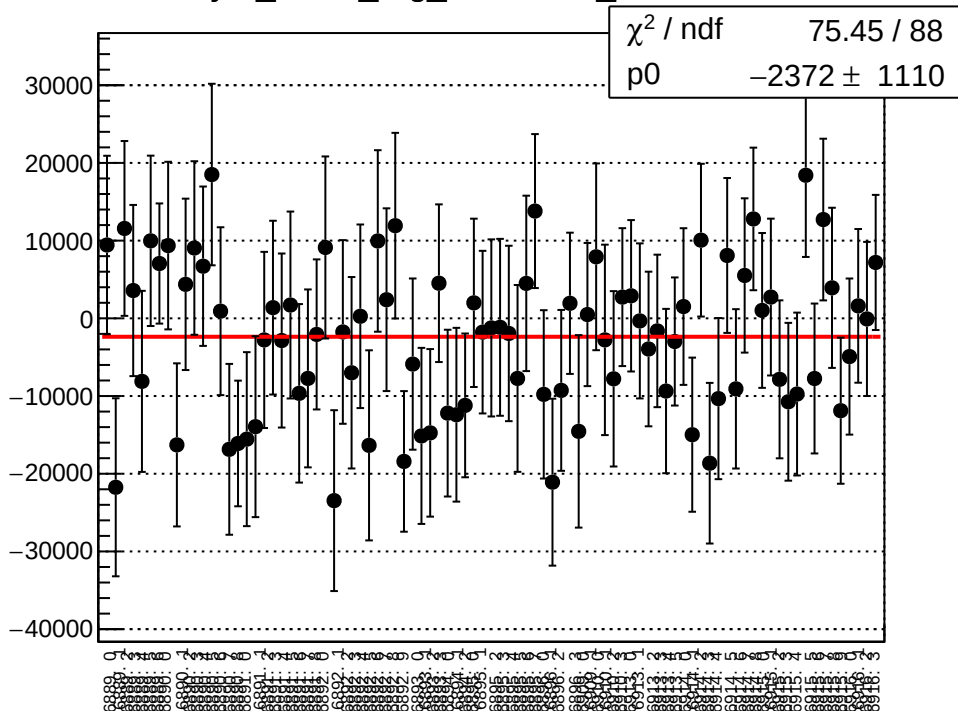
reg_asym_sam6_mean vs run



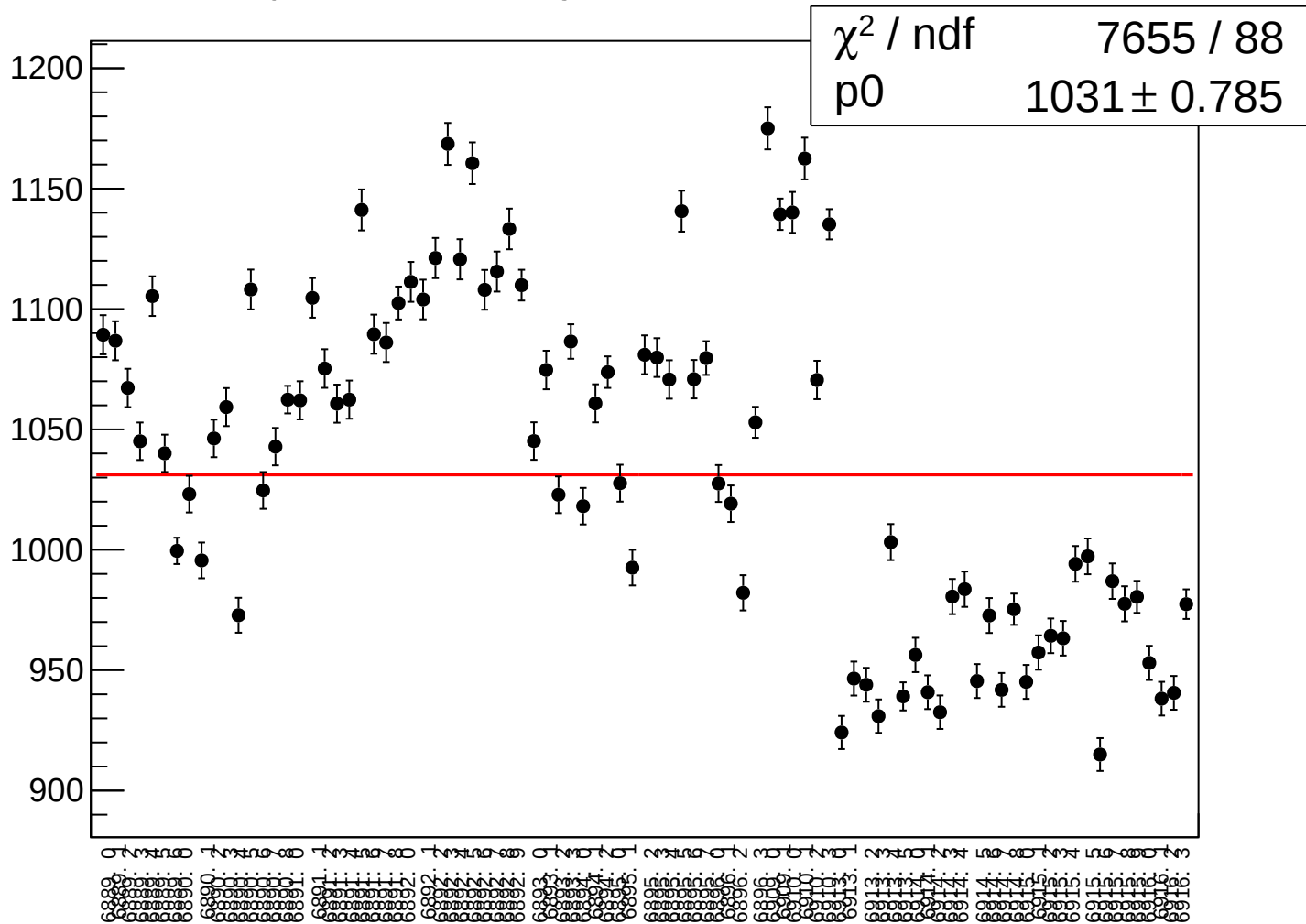
reg_asym_sam6_rms vs run



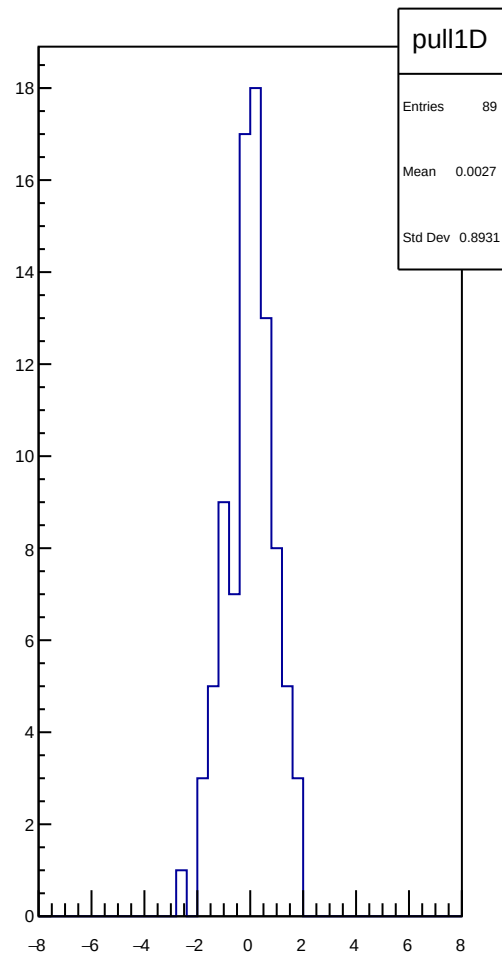
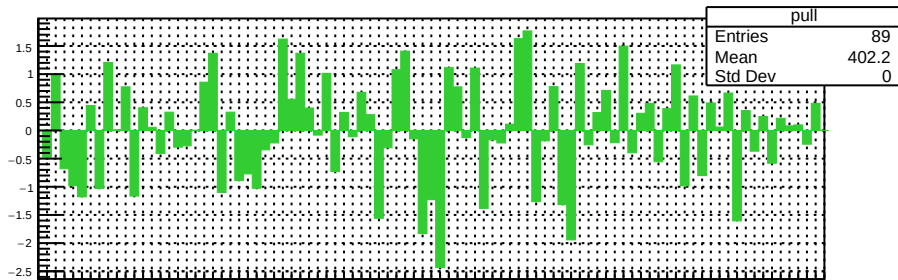
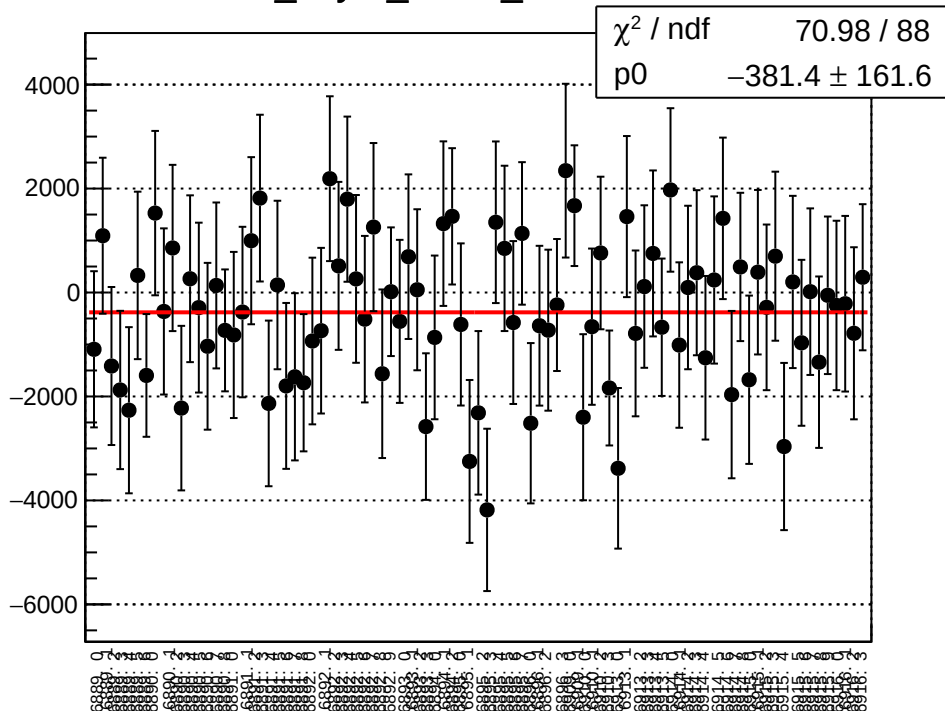
asym_sam6_reg_correction_mean vs run



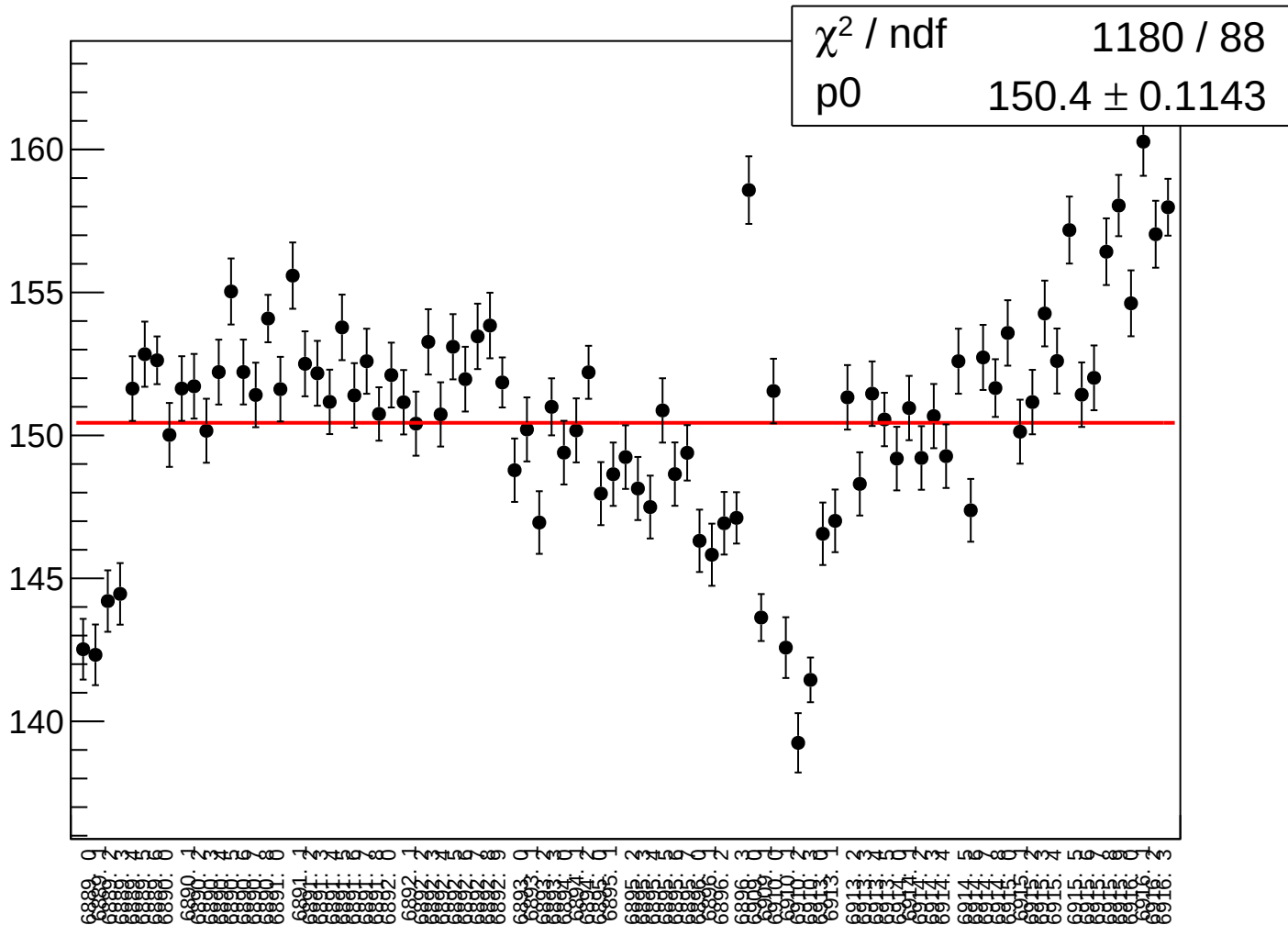
asym_sam6_reg_correction_rms vs run



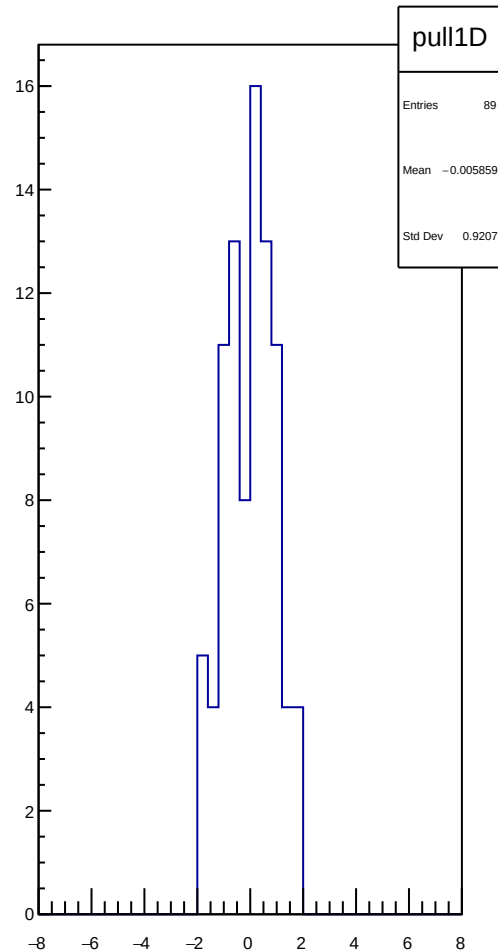
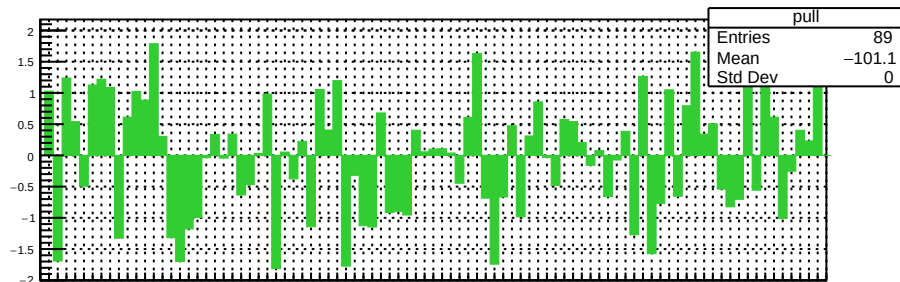
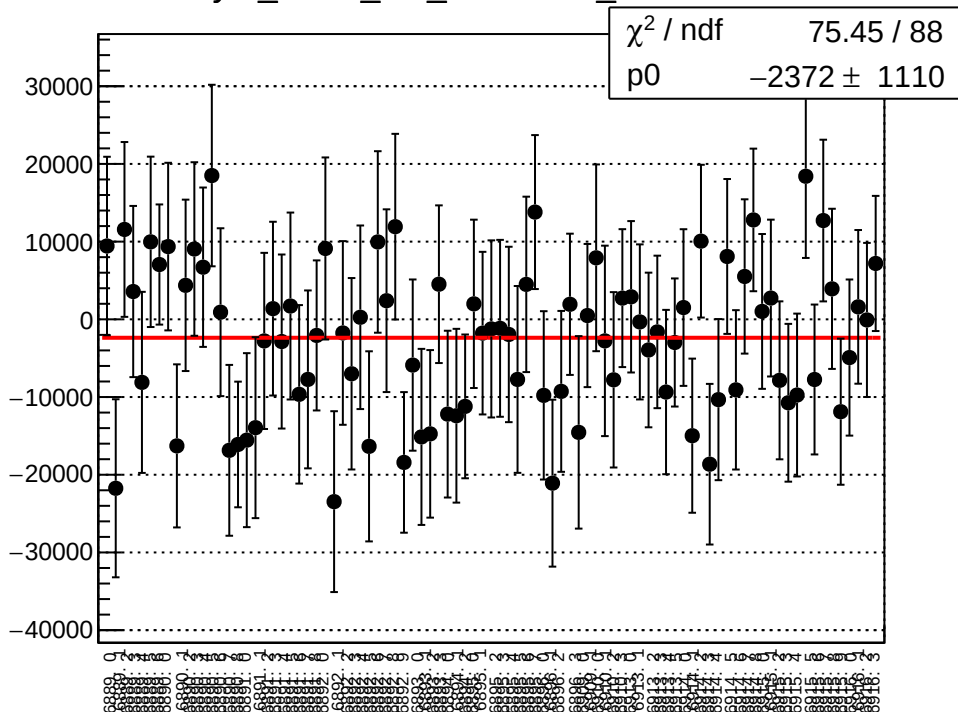
cor_asym_sam6_mean vs run



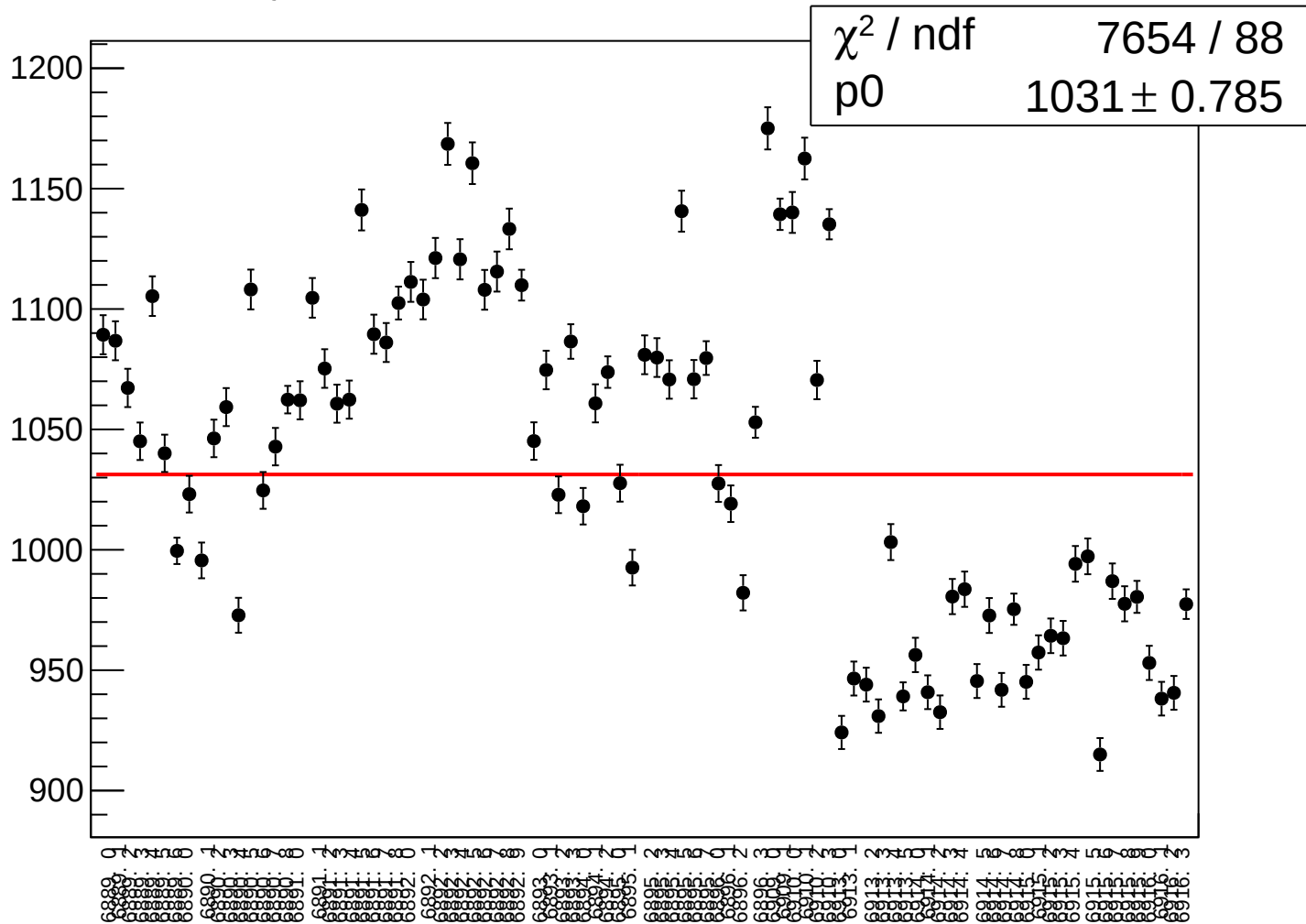
cor_asym_sam6_rms vs run



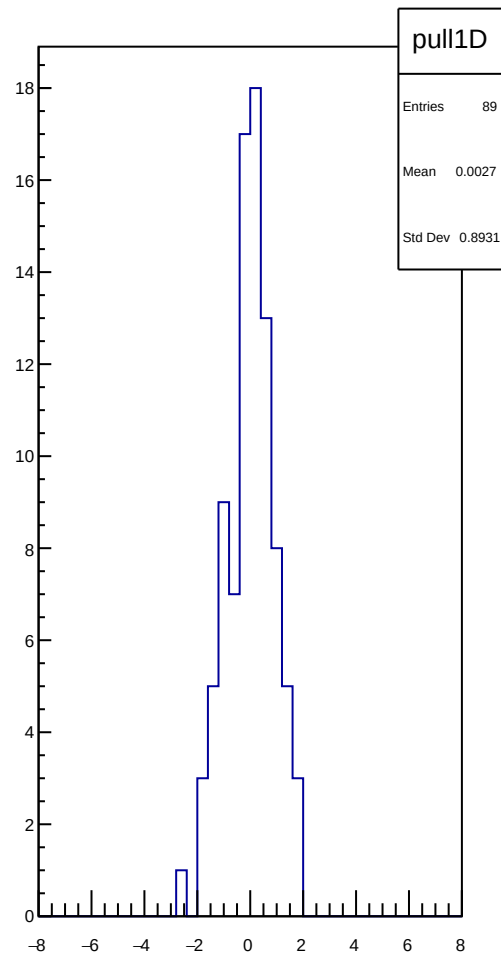
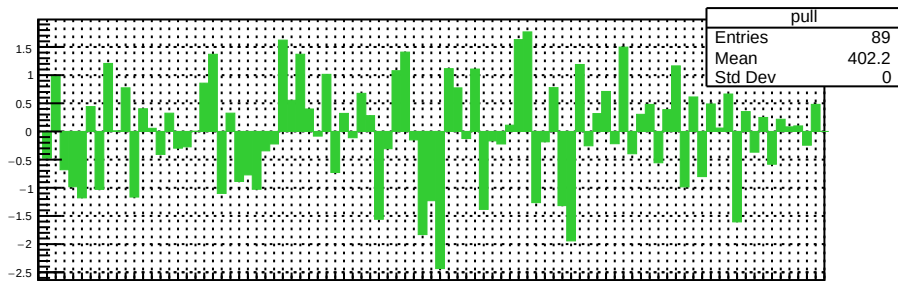
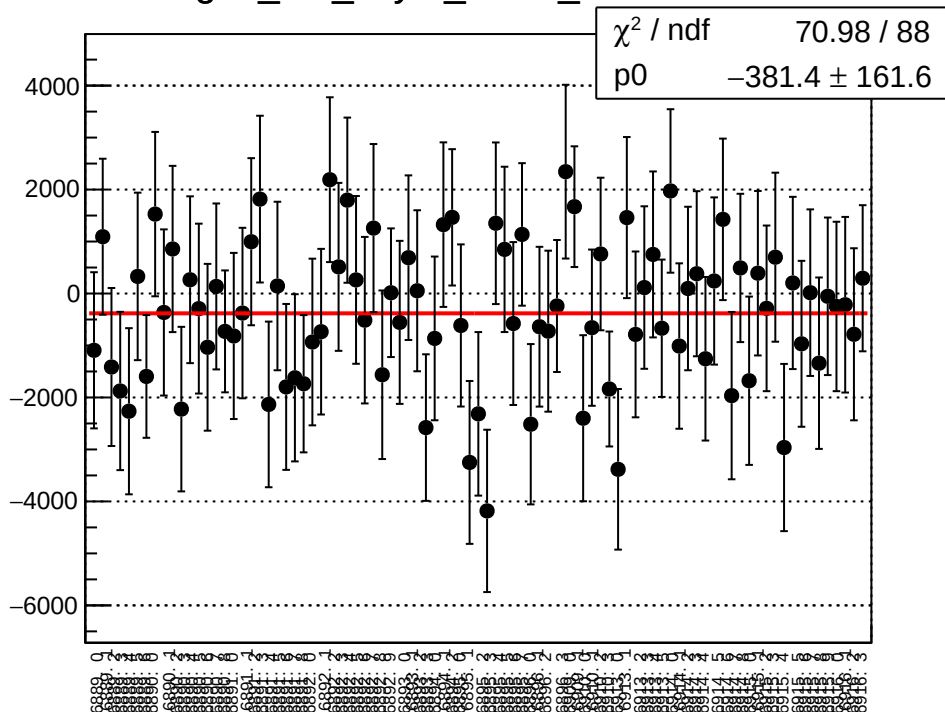
asym_sam6_cor_correction_mean vs run



asym_sam6_cor_correction_rms vs run

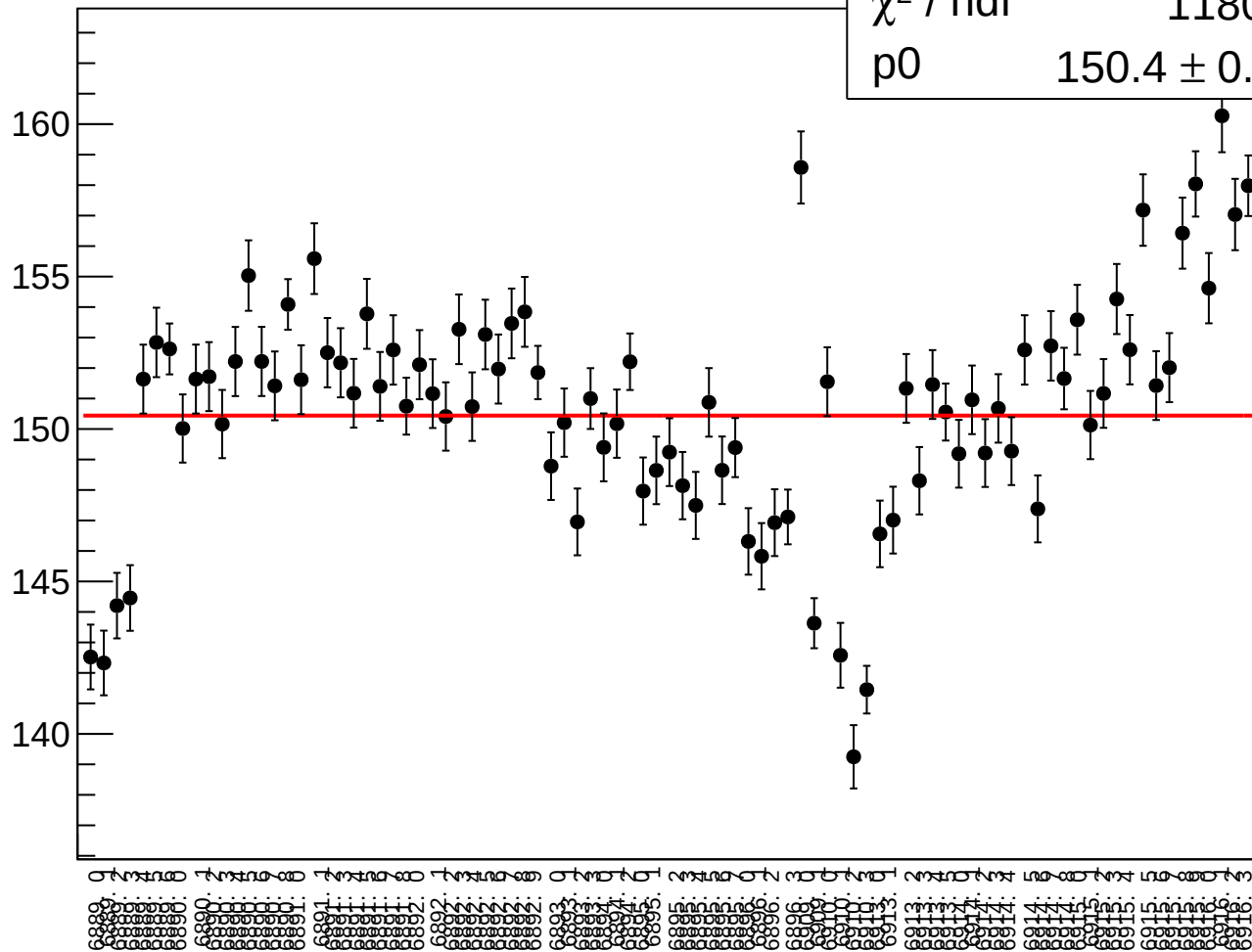


eigen_cor_asym_sam6_mean vs run

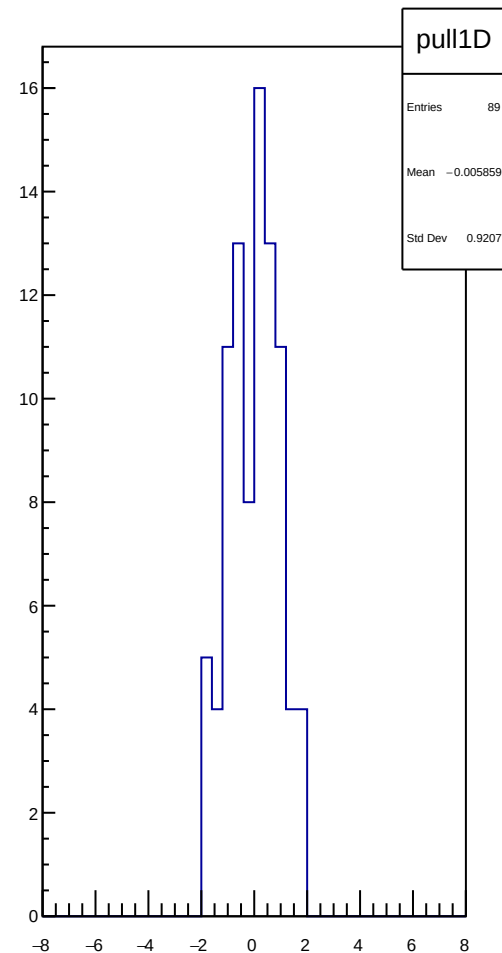
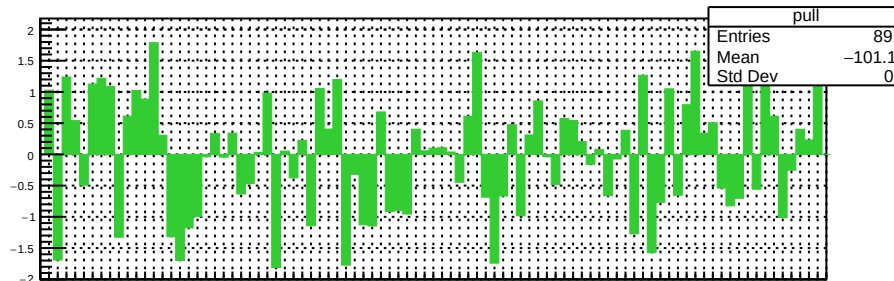
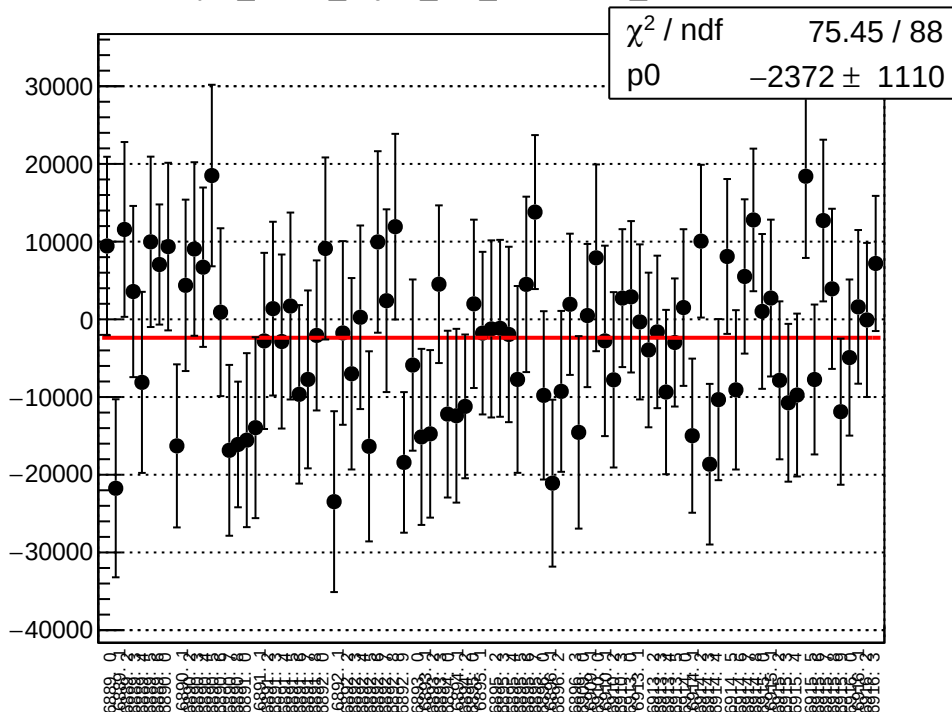


χ^2 / ndf

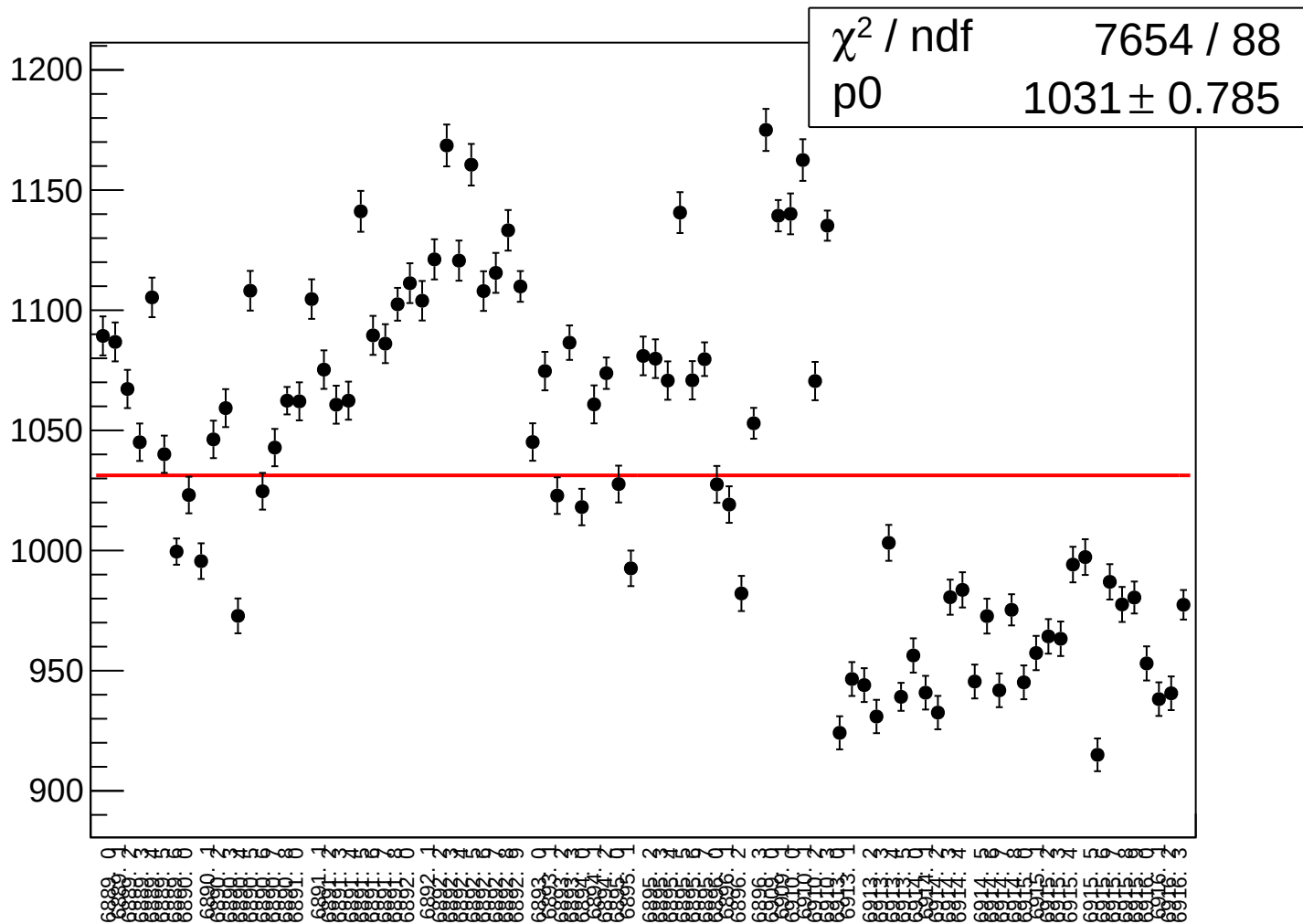
p0

$$150.4 \pm 0.1143$$


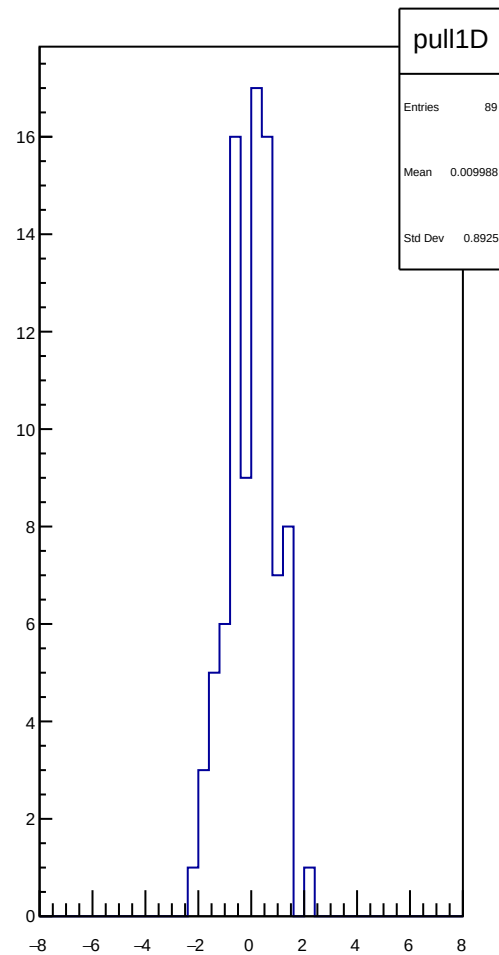
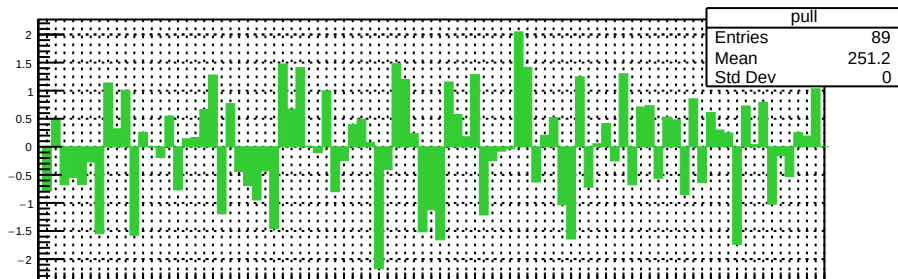
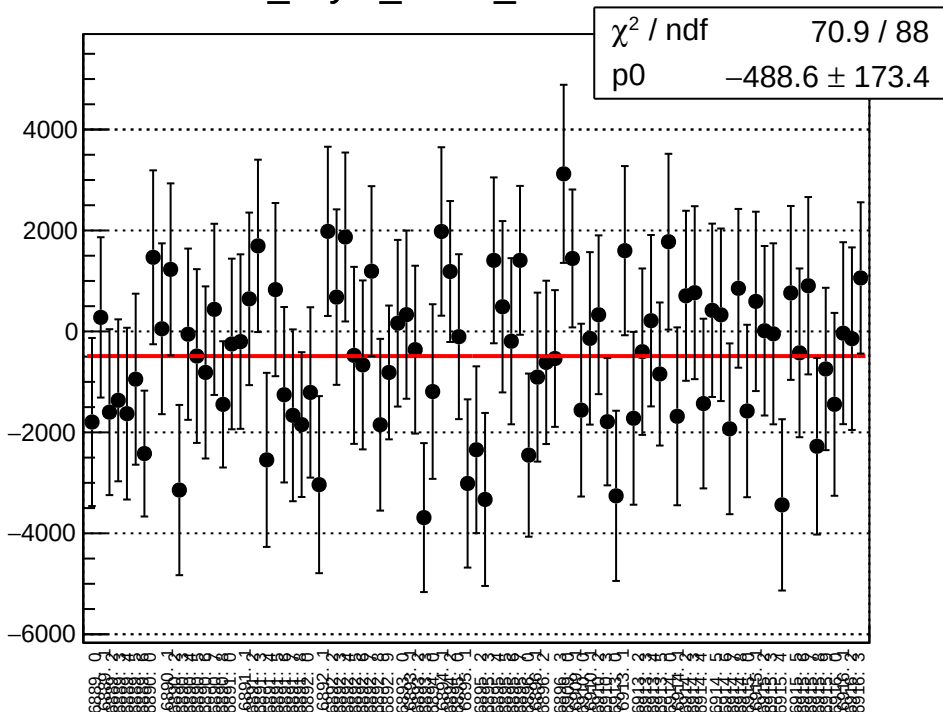
asym_sam6_eigen_cor_correction_mean vs run



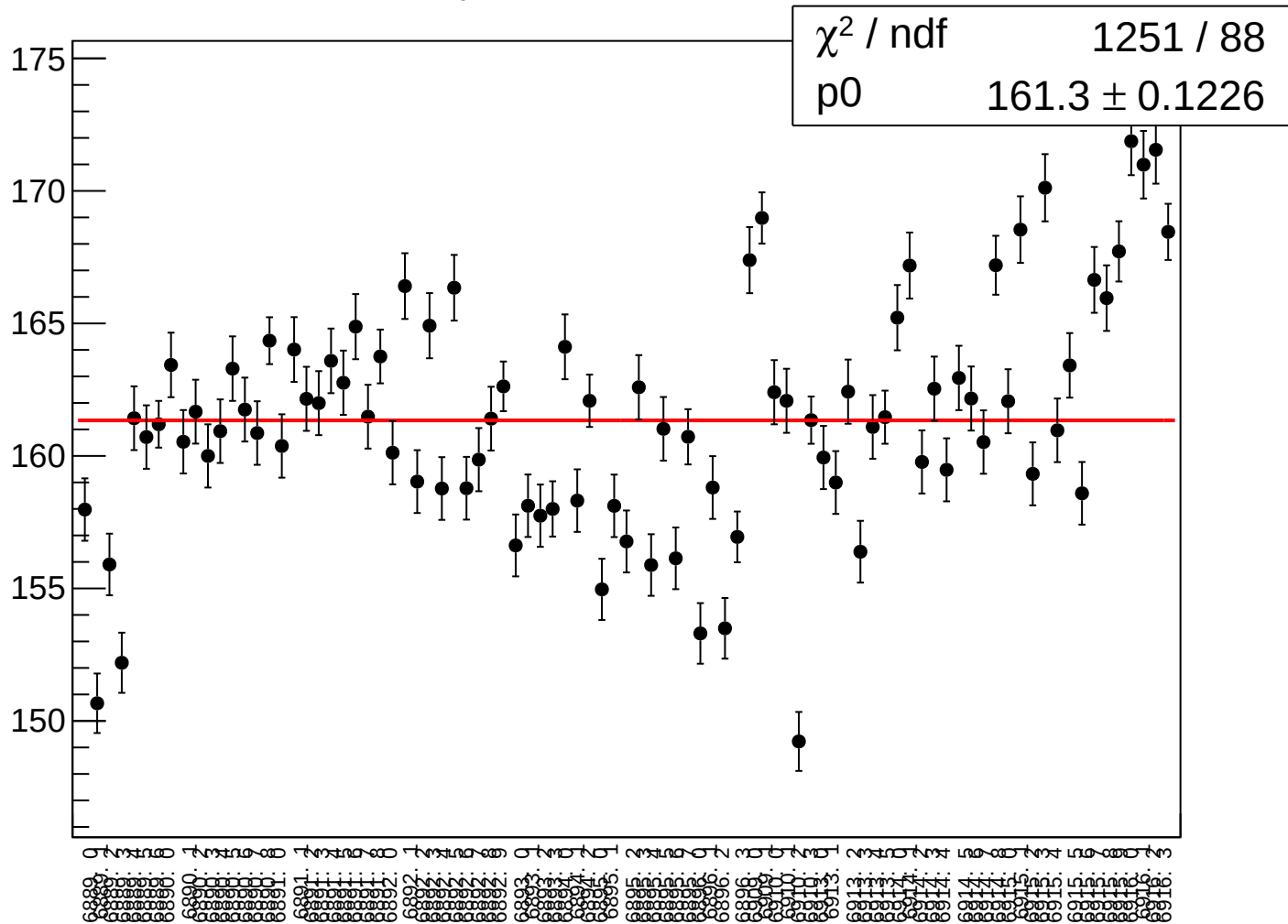
asym_sam6_eigen_cor_correction_rms vs run



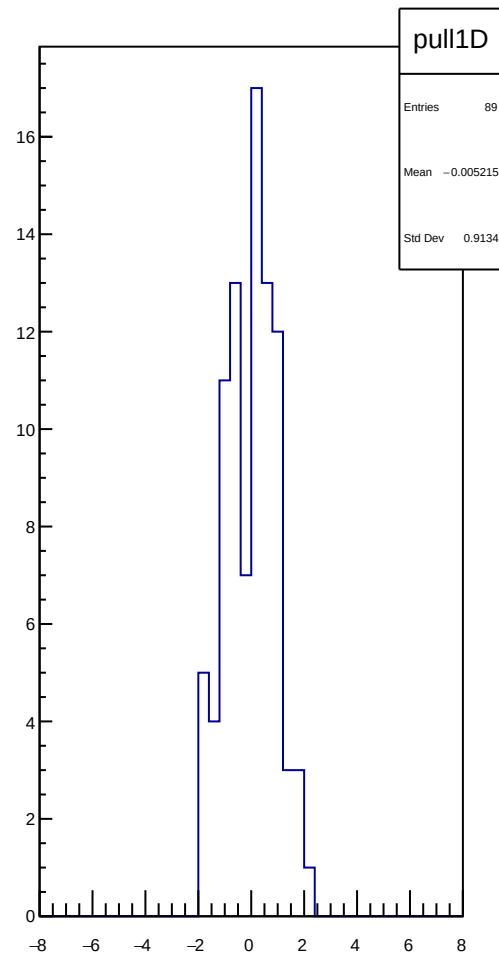
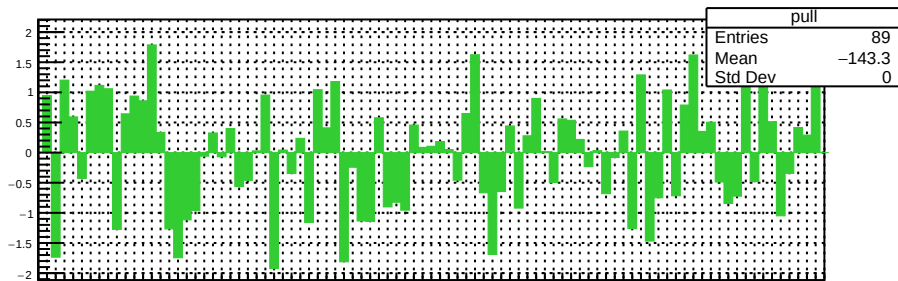
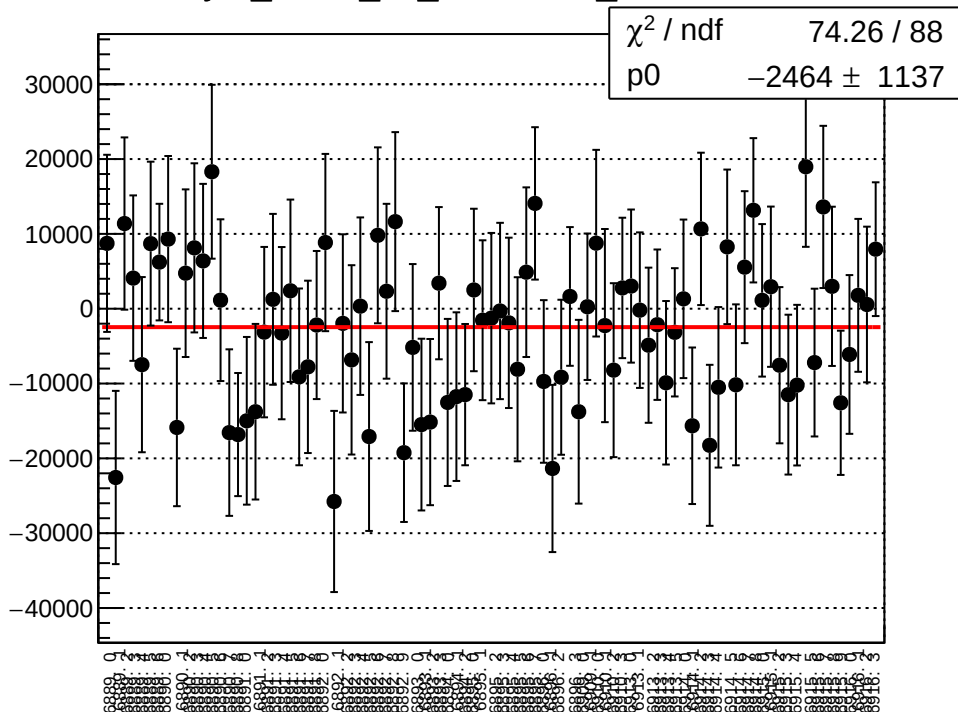
dit_asym_sam6_mean vs run



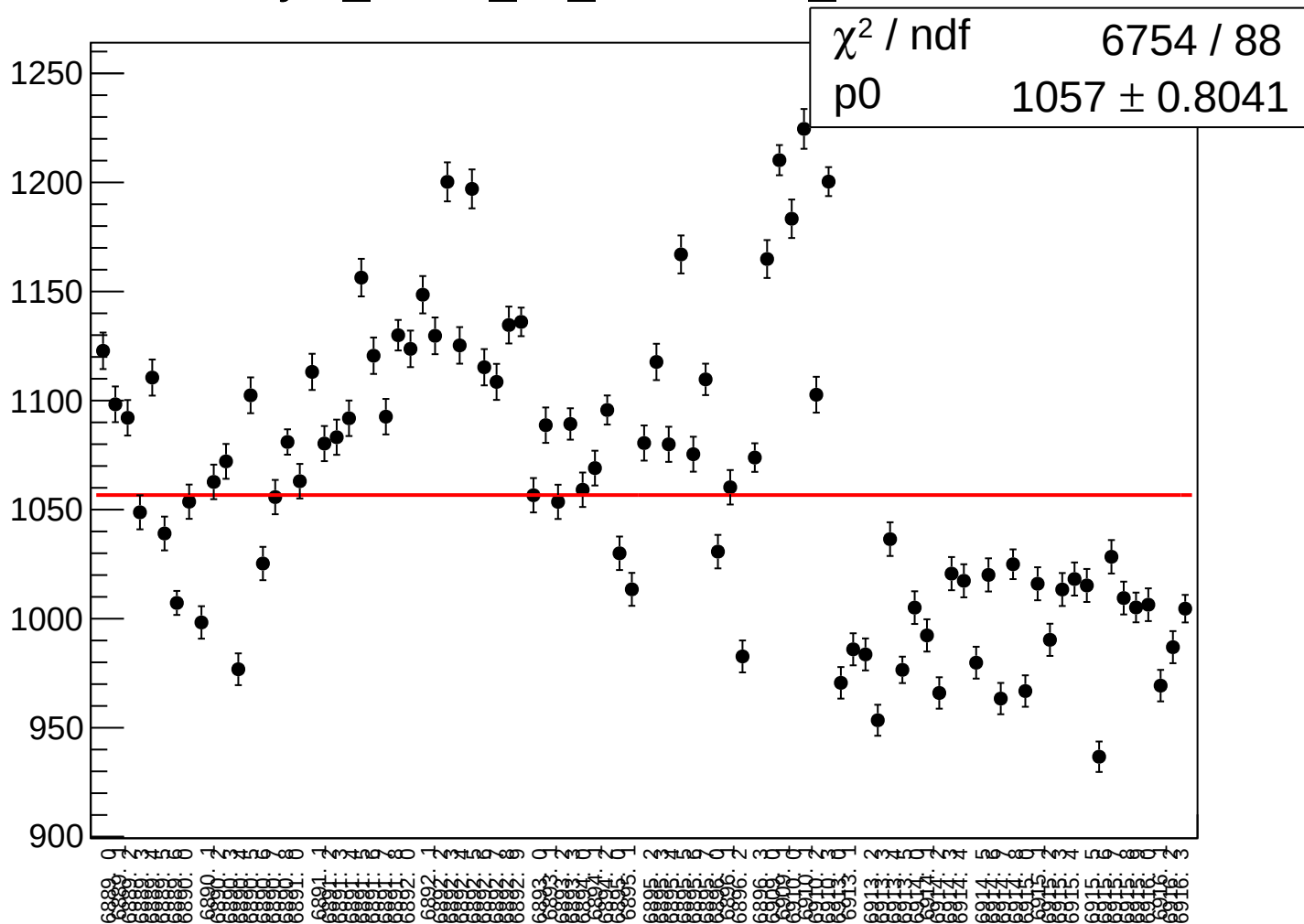
dit_asym_sam6_rms vs run



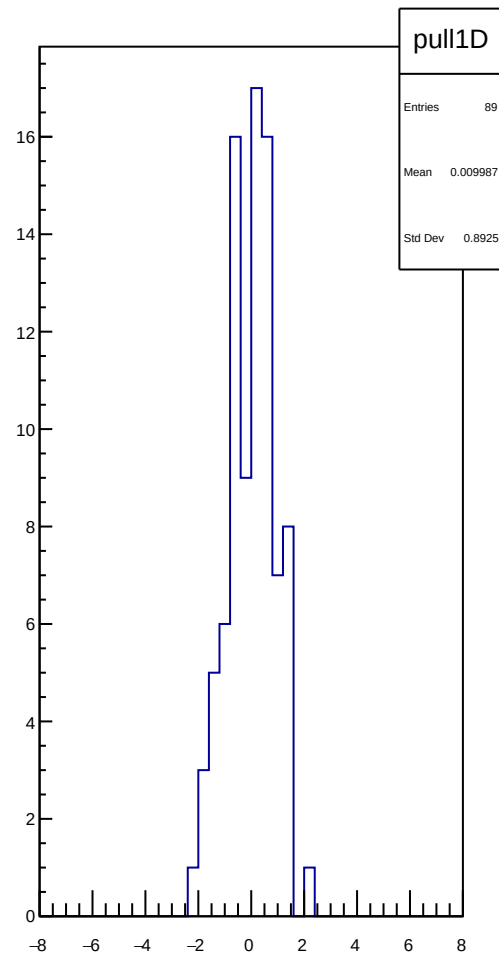
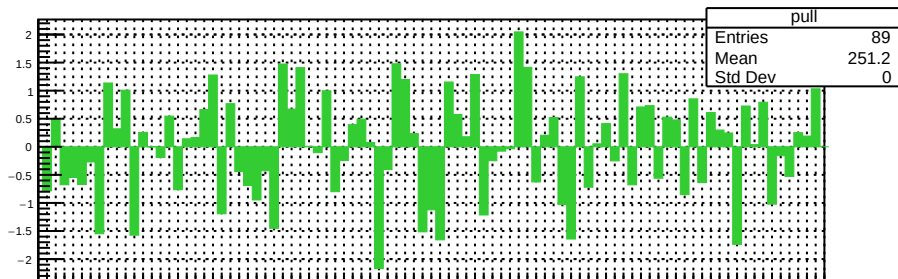
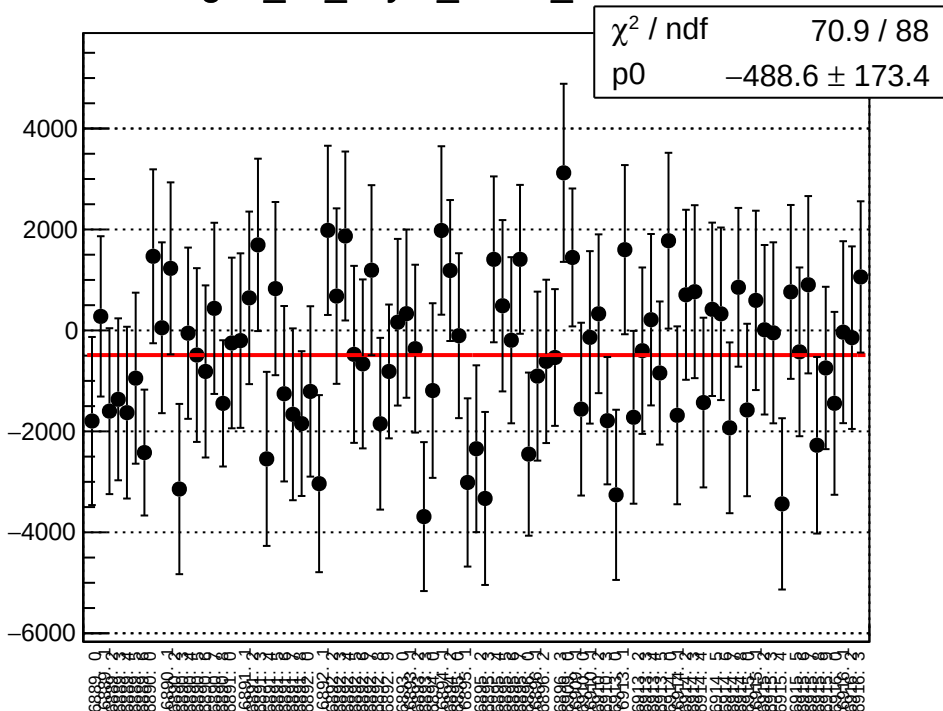
asym_sam6_dit_correction_mean vs run



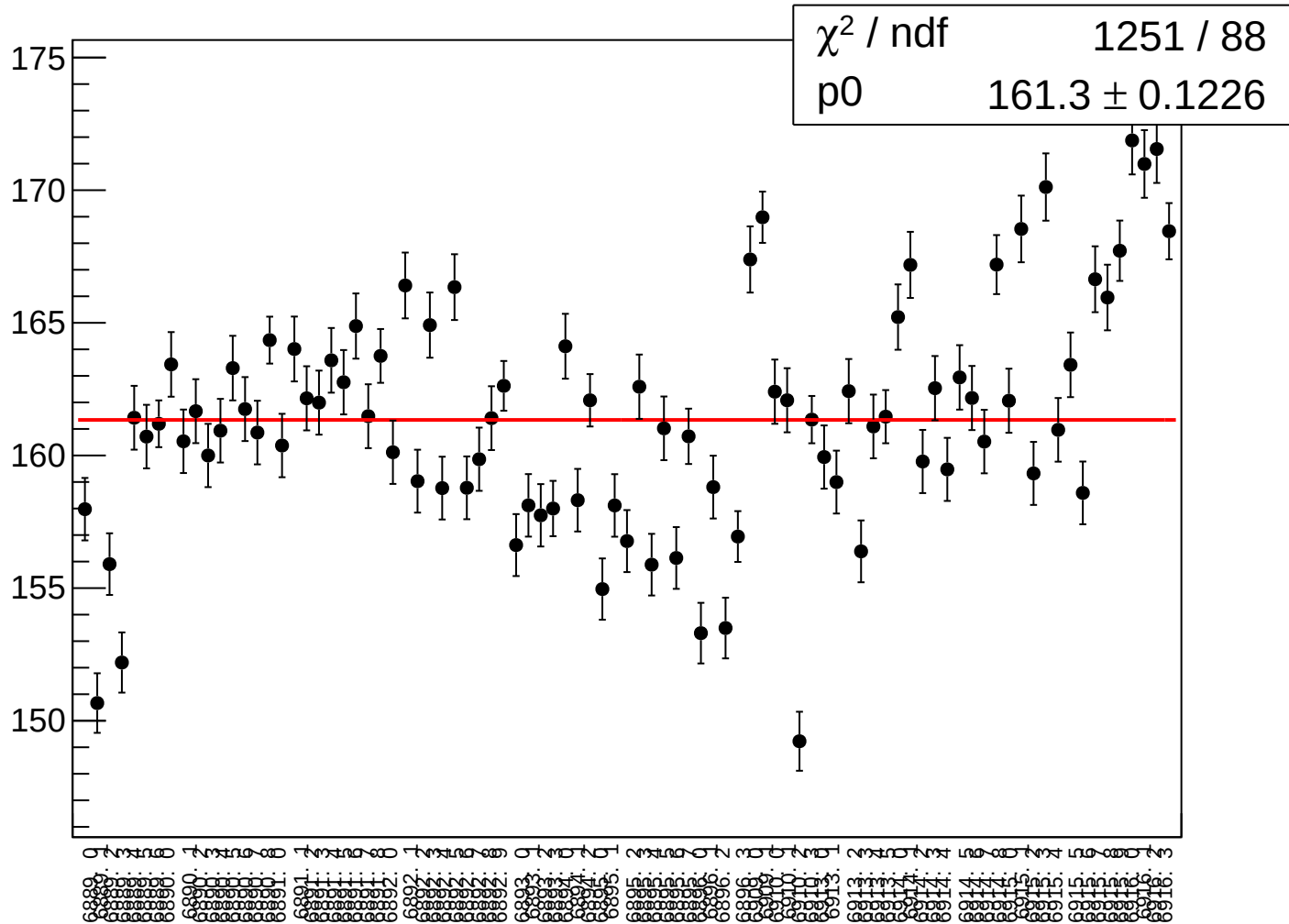
asym_sam6_dit_correction_rms vs run



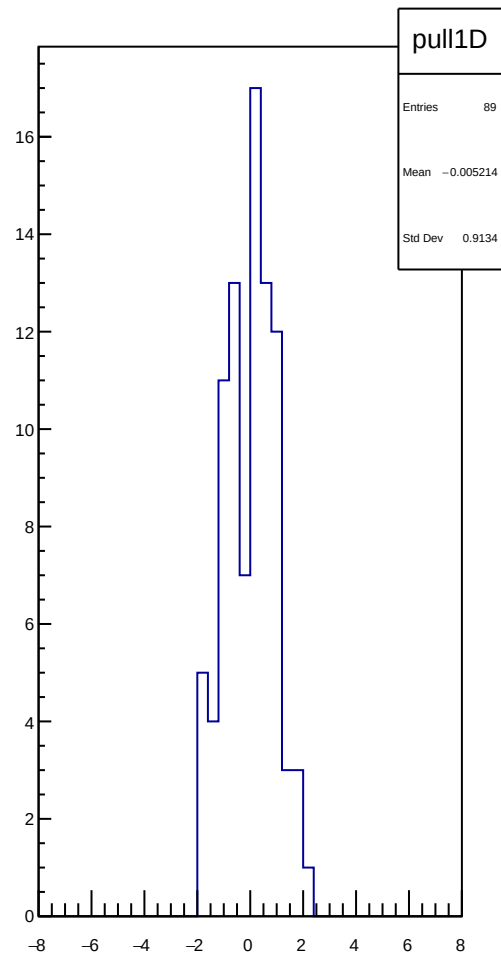
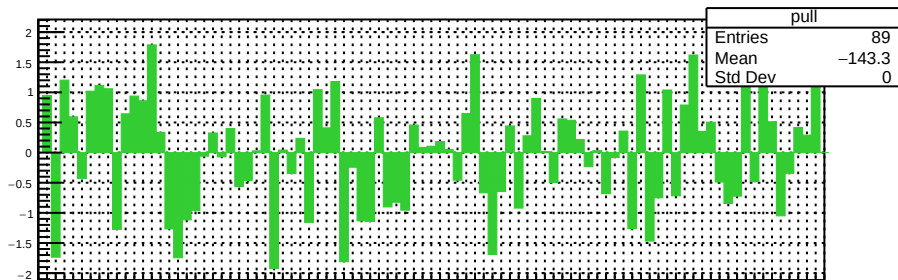
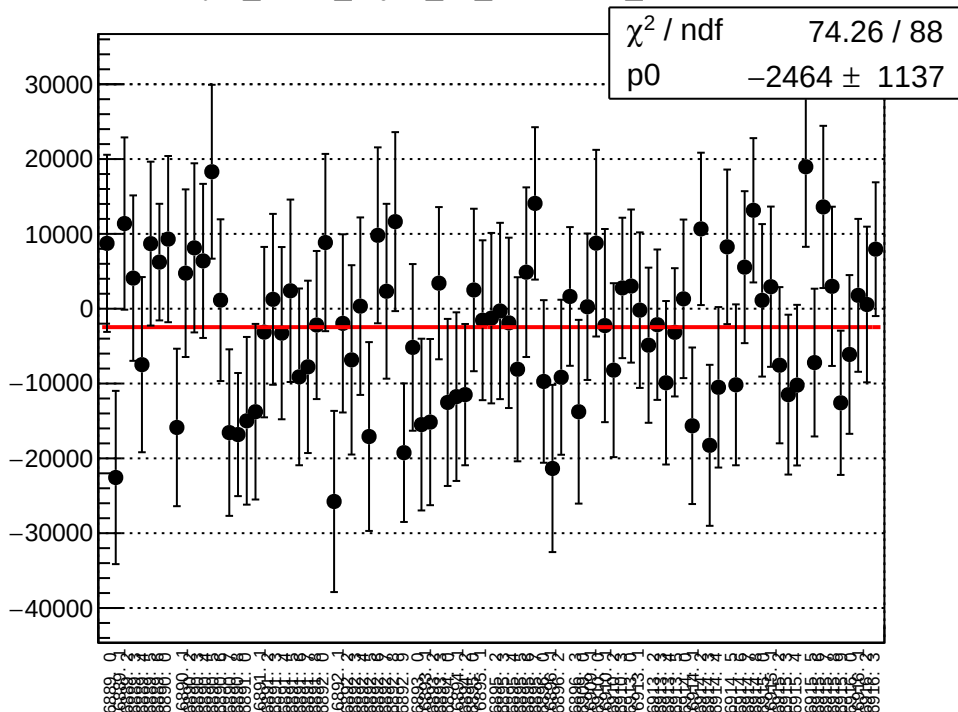
eigen_dit_asym_sam6_mean vs run



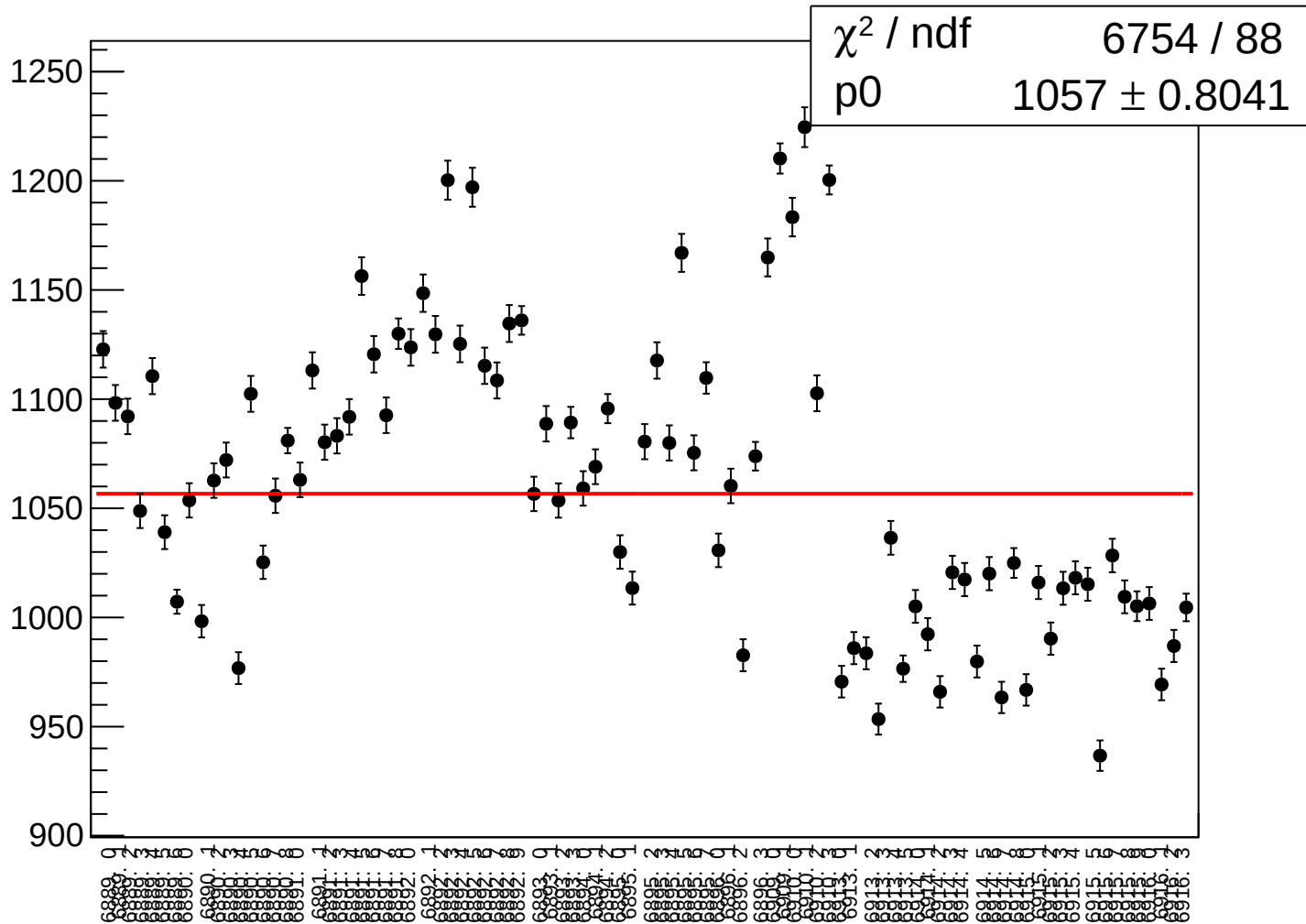
eigen_dit_asym_sam6_rms vs run



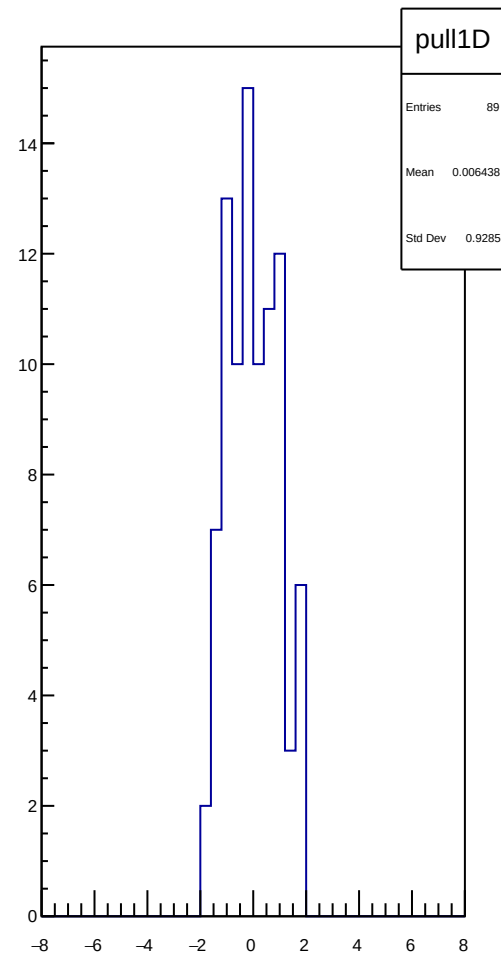
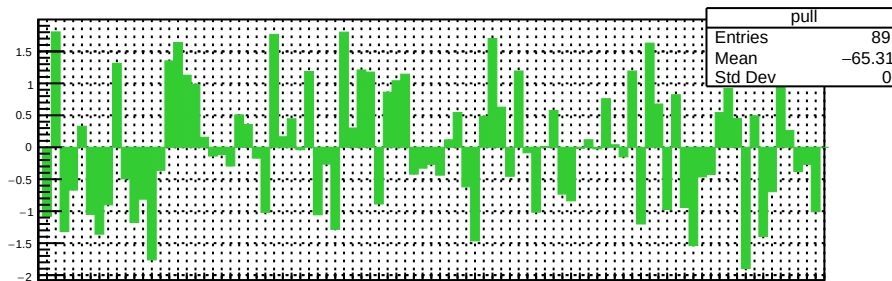
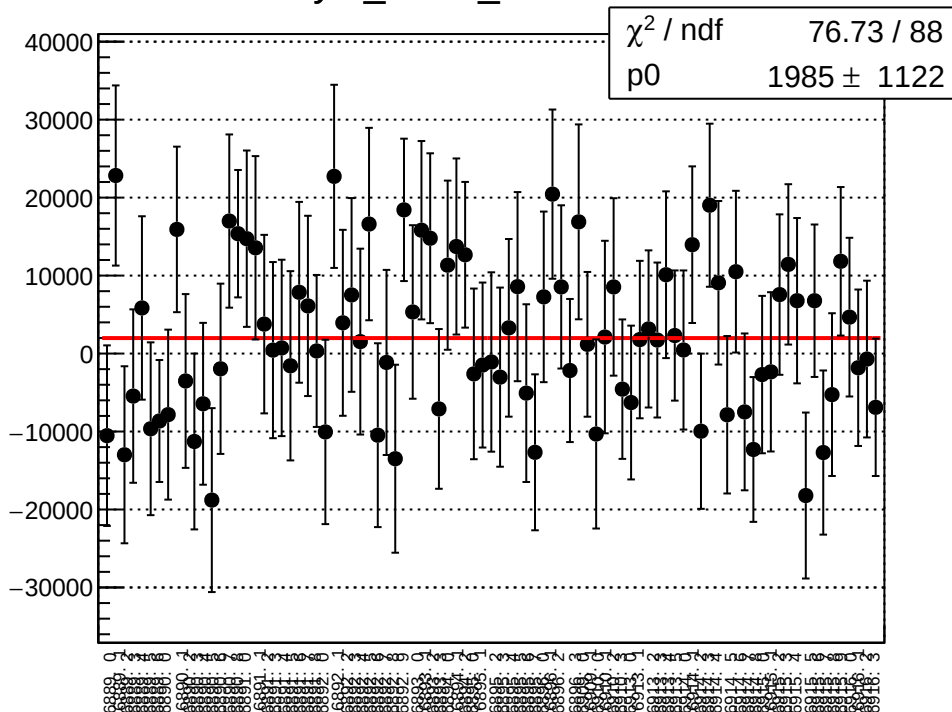
asym_sam6_eigen_dit_correction_mean vs run



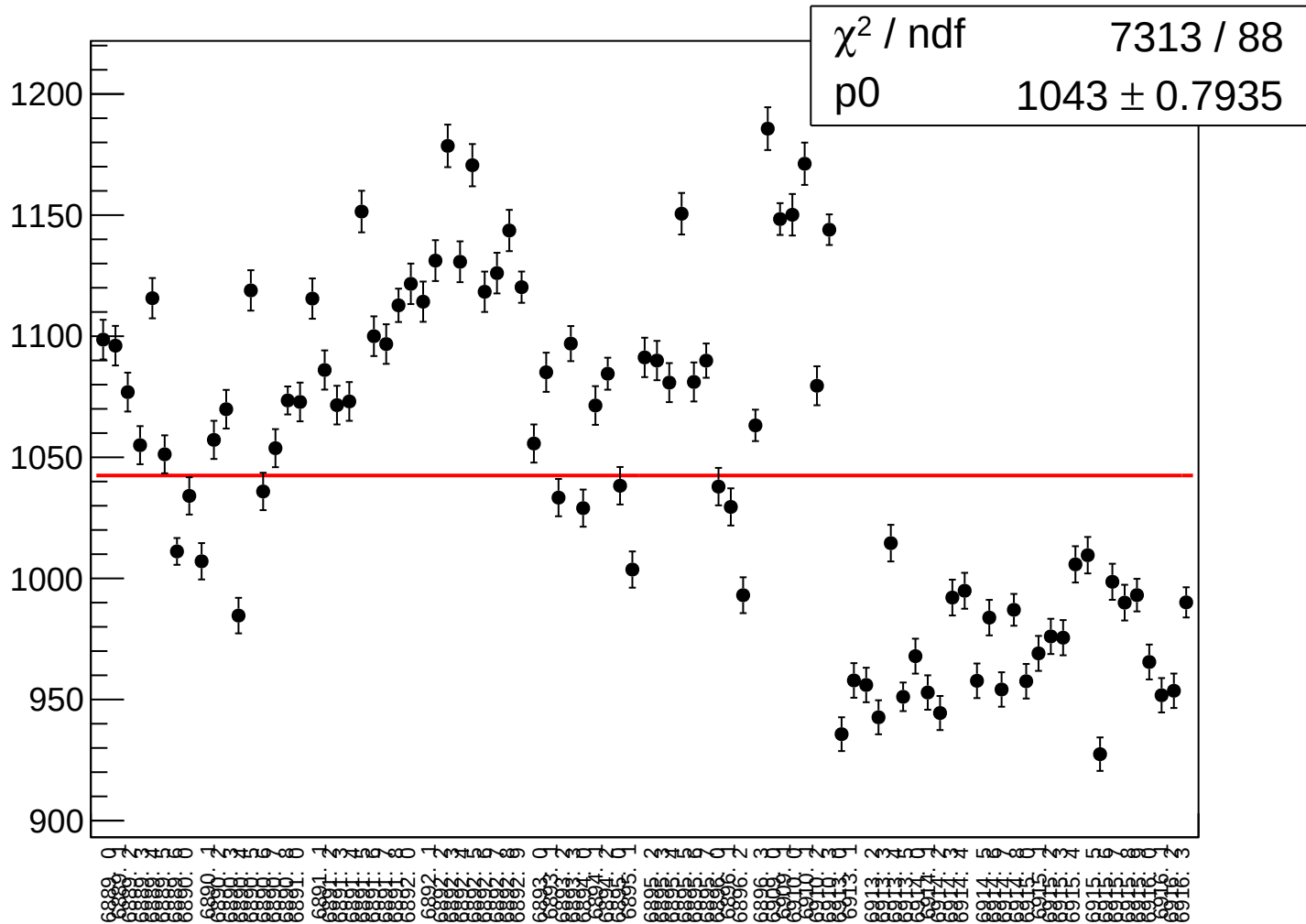
asym_sam6_eigen_dit_correction_rms vs run



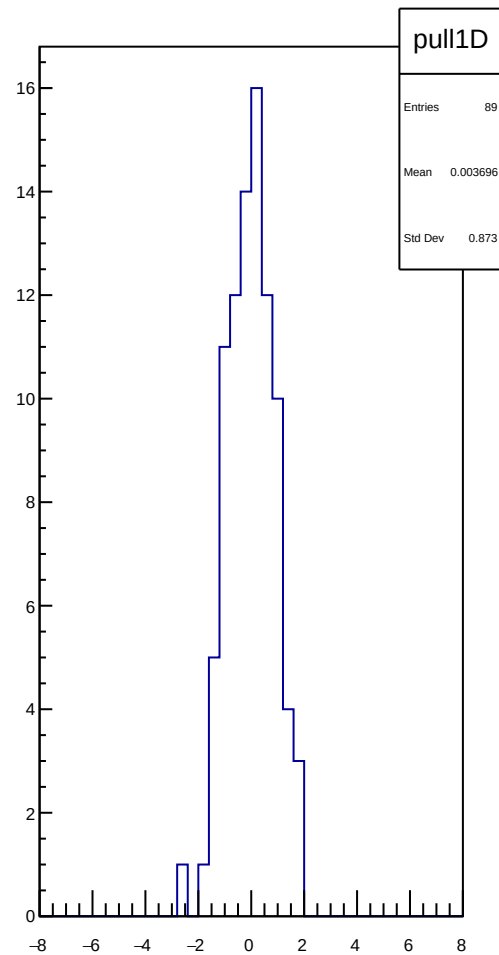
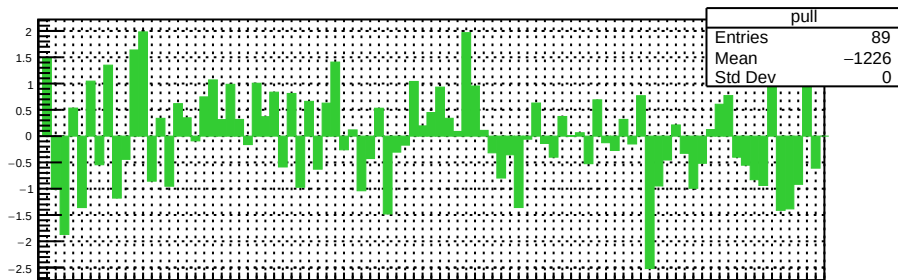
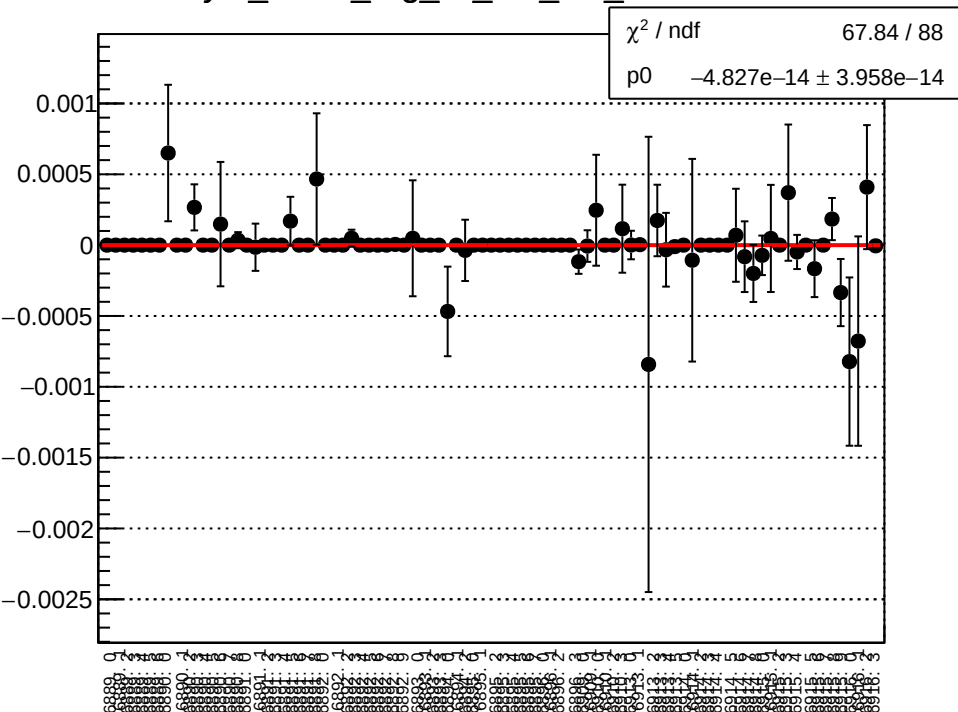
asym_sam6_mean vs run



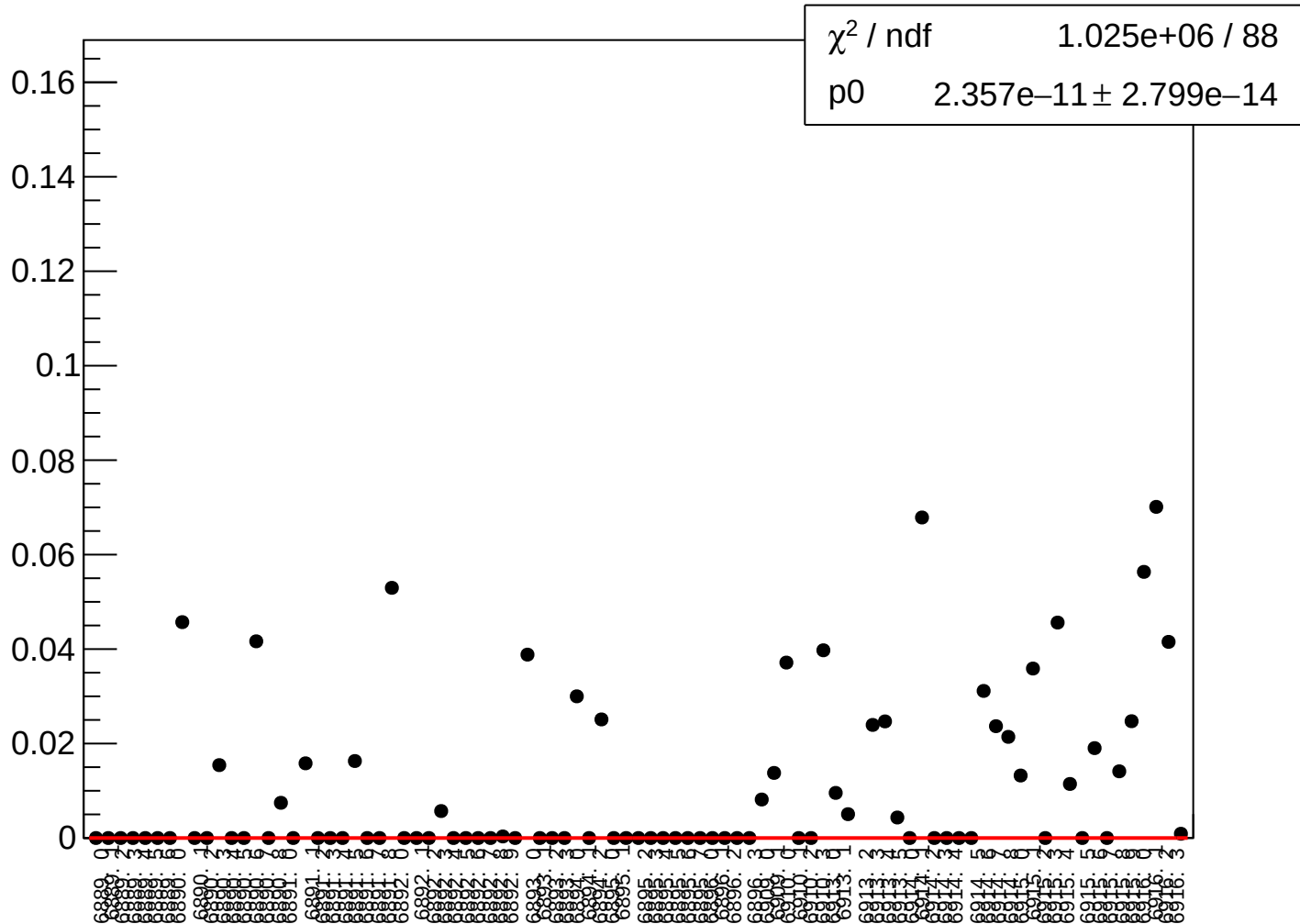
asym_sam6_rms vs run



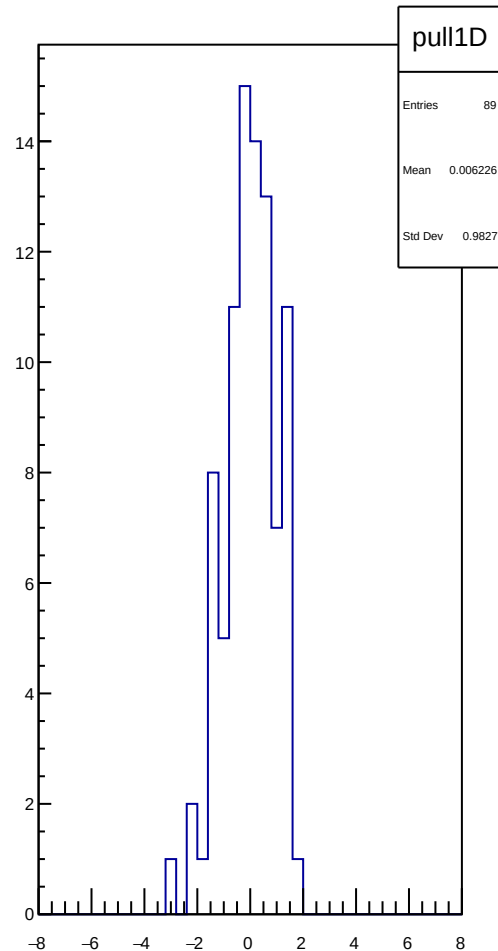
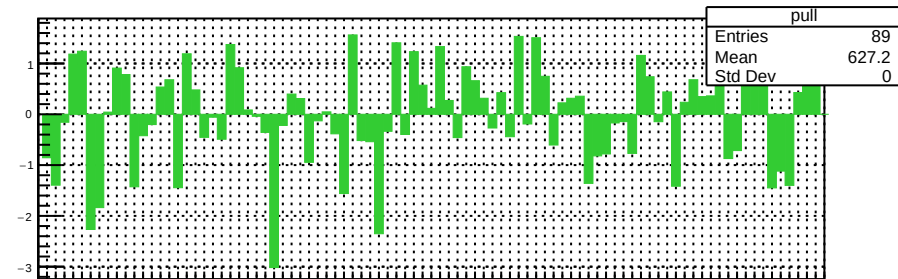
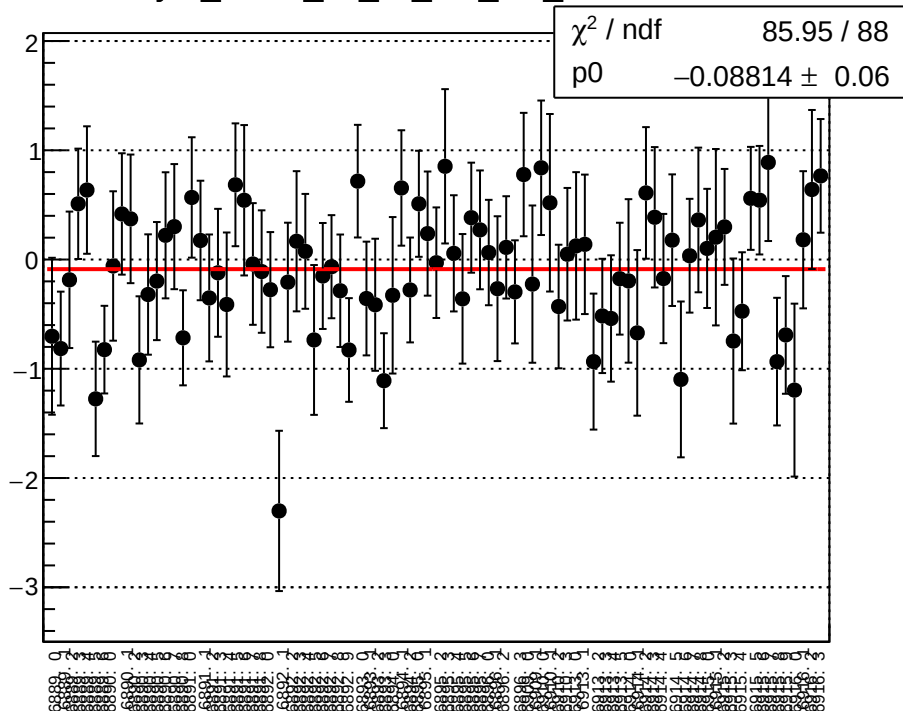
asym_sam6_reg_vs_cor_diff_mean vs run



asym_sam6_reg_vs_cor_diff_rms vs run

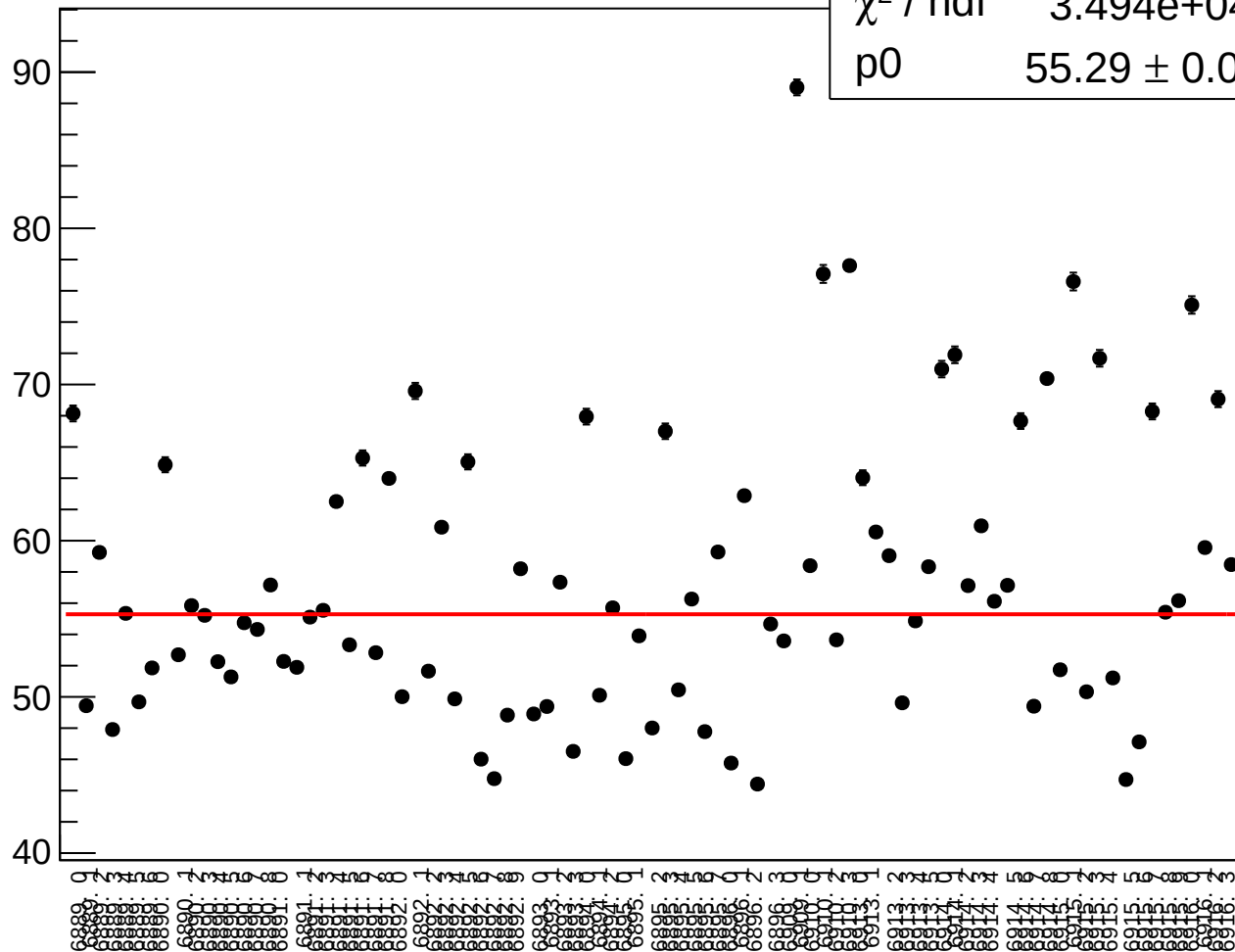


asym_sam6_dit_vs_cor_diff_mean vs run

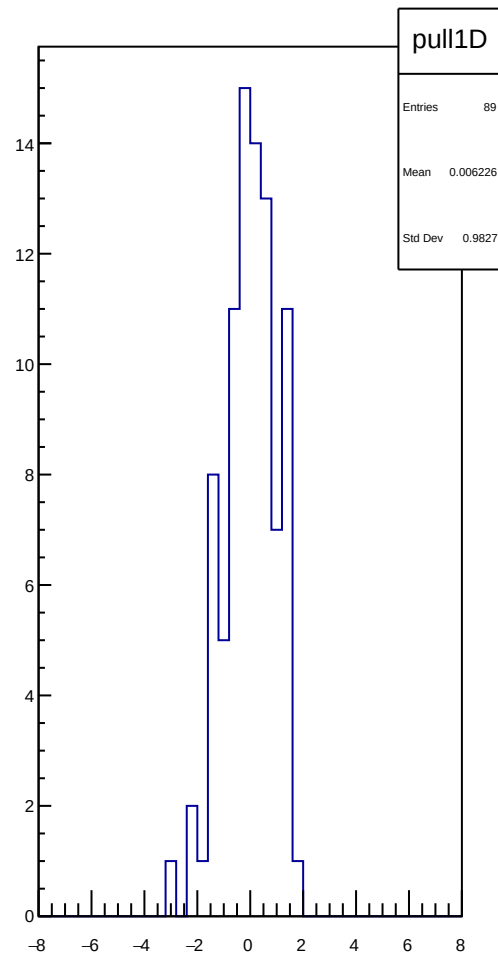
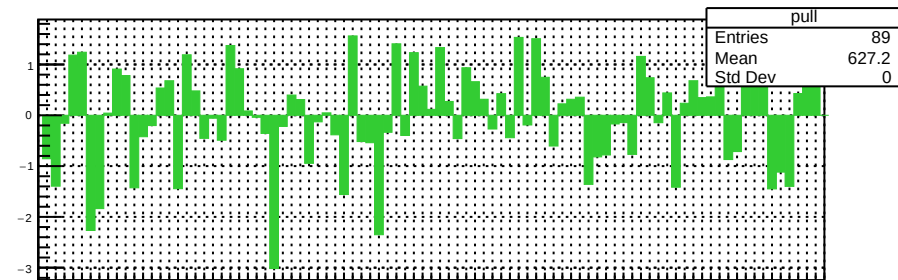
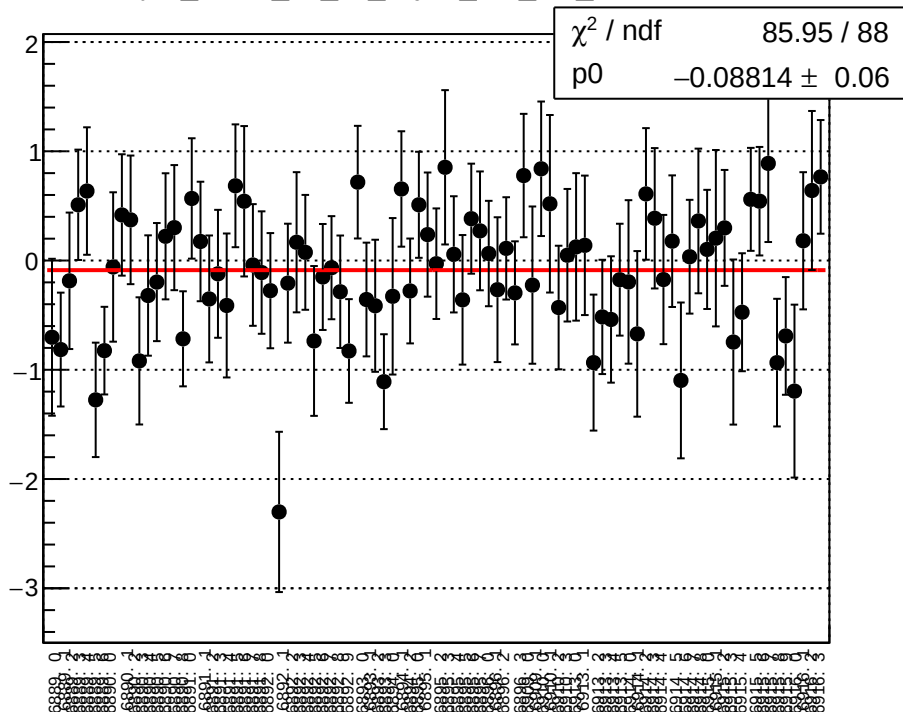


asym_sam6_dit_vs_cor_diff_rms vs run

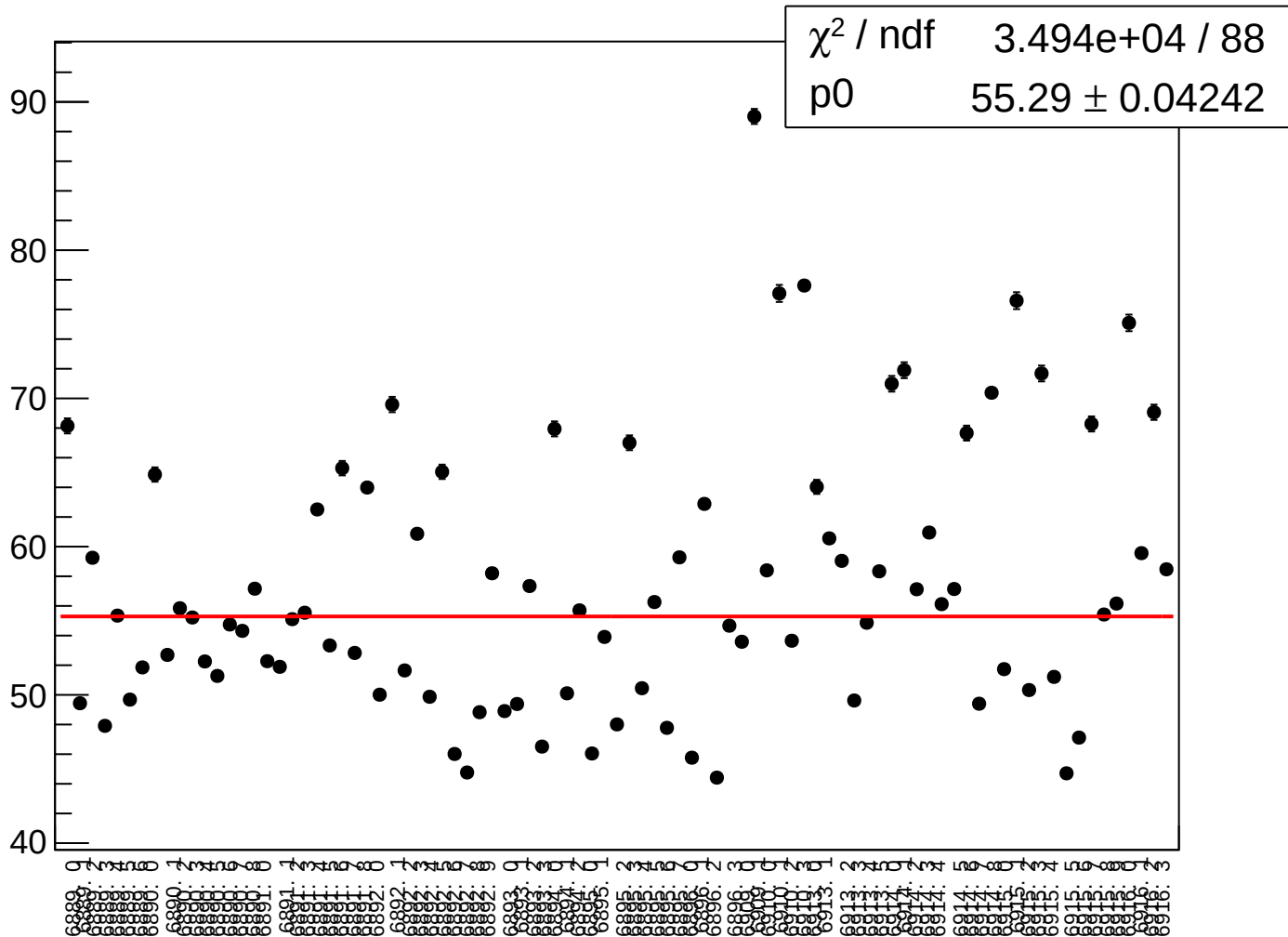
χ^2 / ndf 3.494e+04 / 88
p0 55.29 ± 0.04242



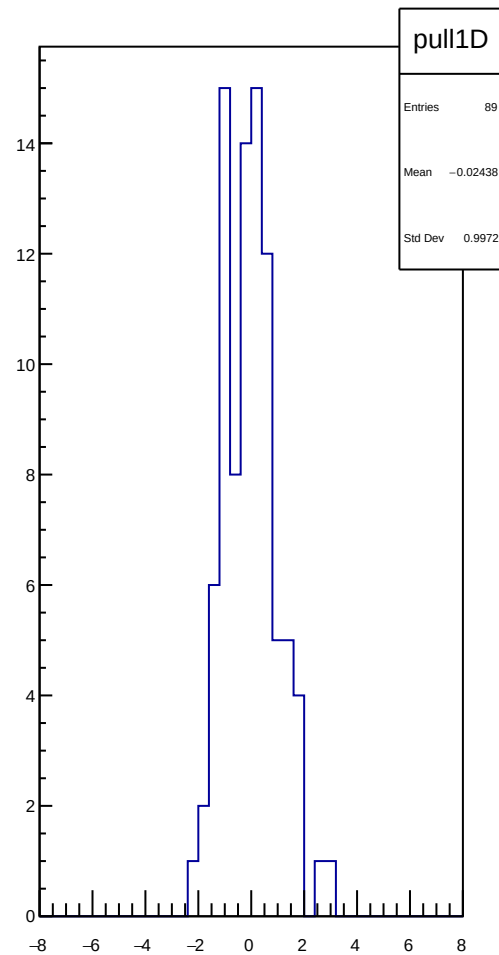
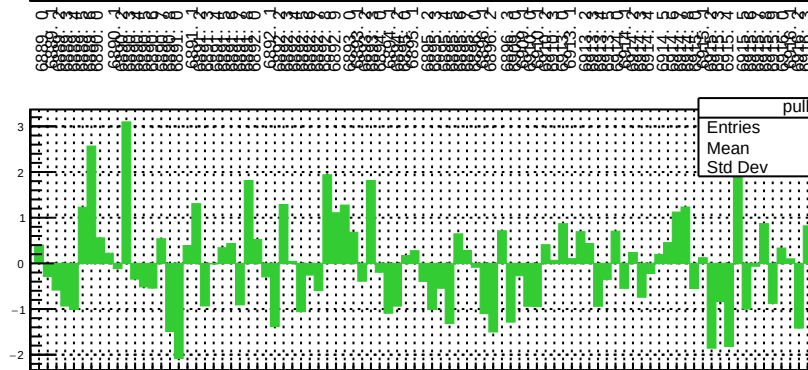
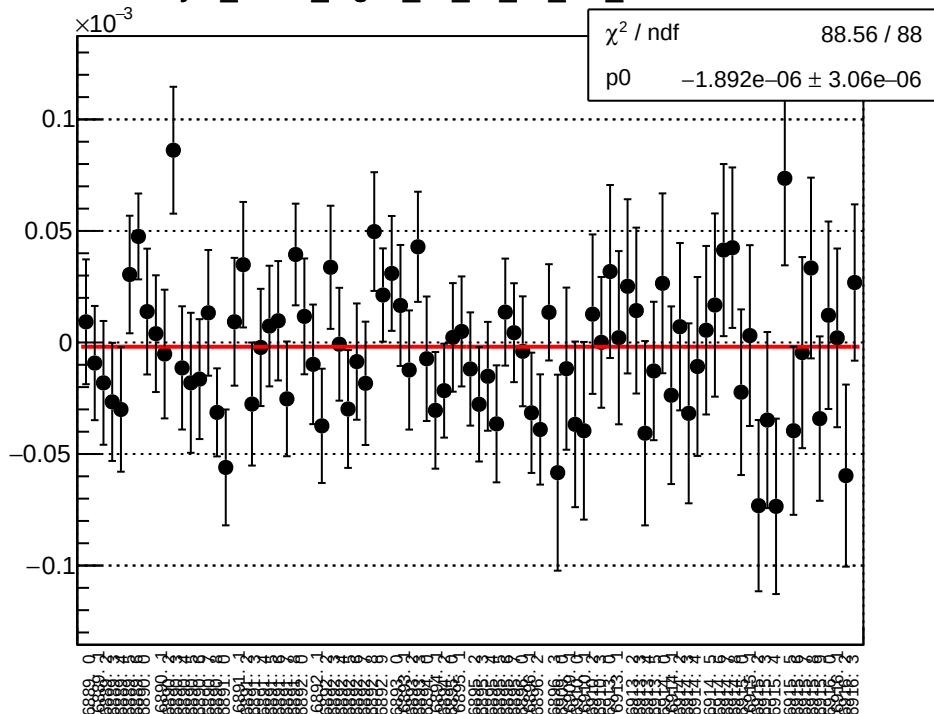
asym_sam6_dit_vs_eigen_cor_diff_mean vs run



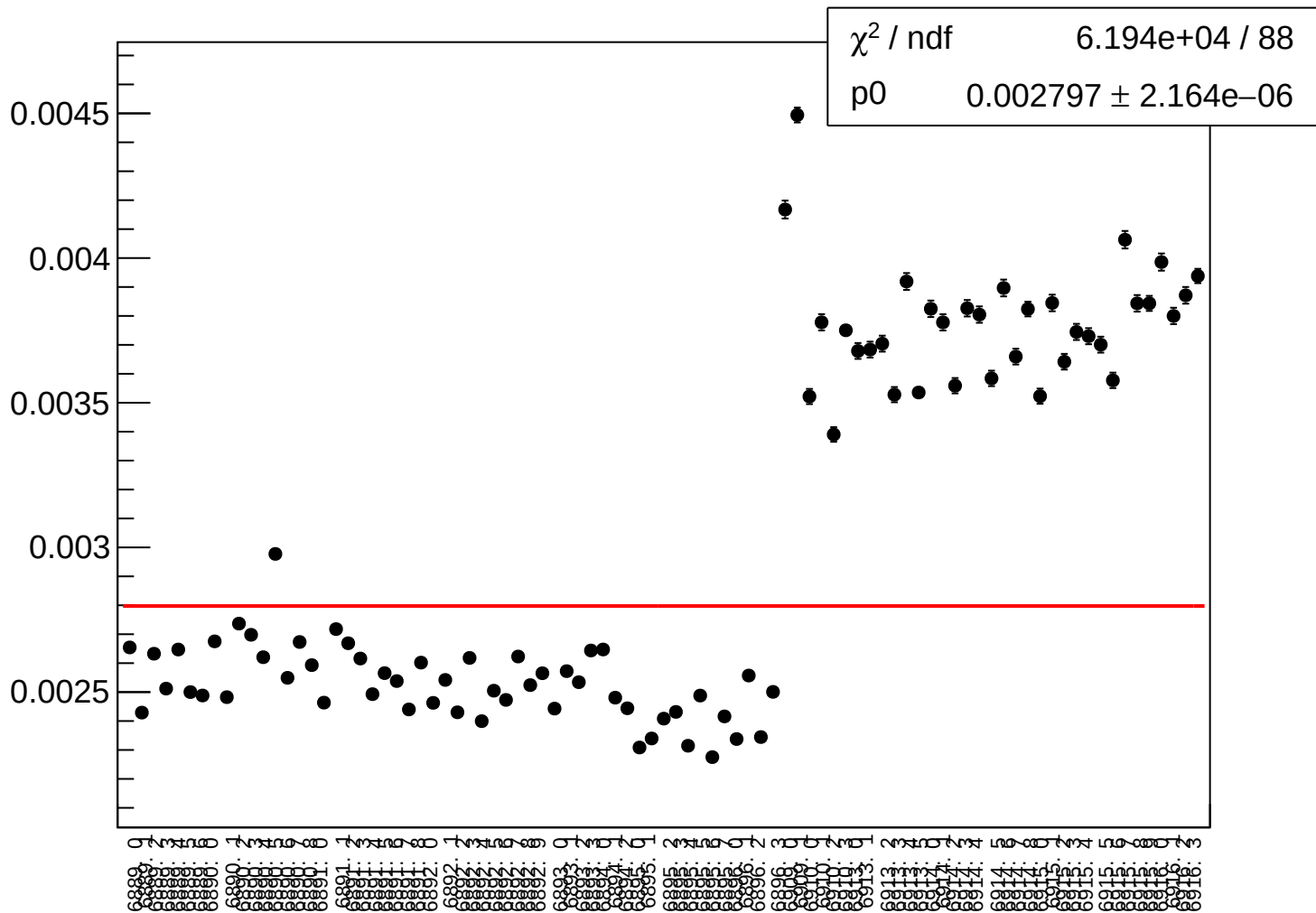
asym_sam6_dit_vs_eigen_cor_diff_rms vs run



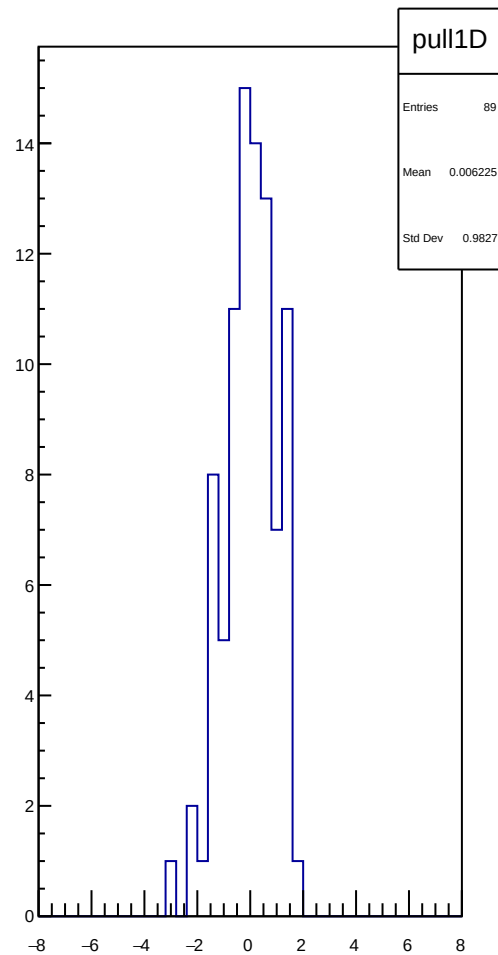
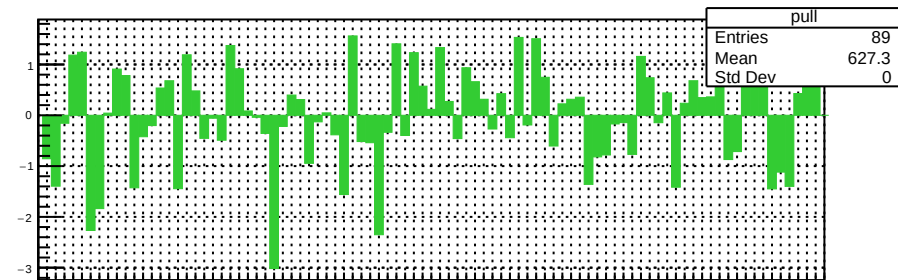
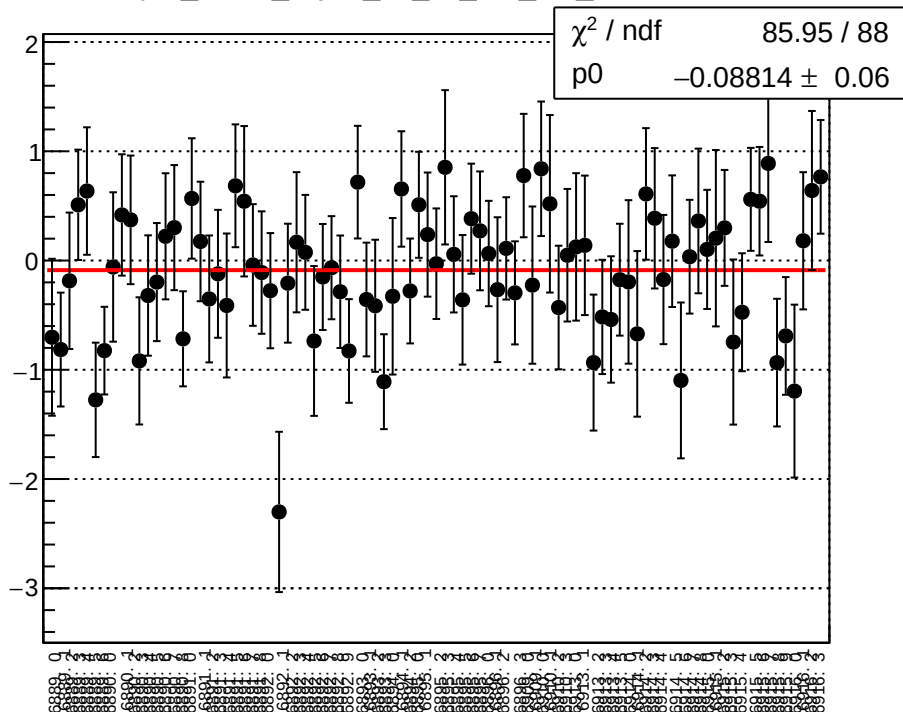
asym_sam6_eigen_dit_vs_dit_diff_mean vs run



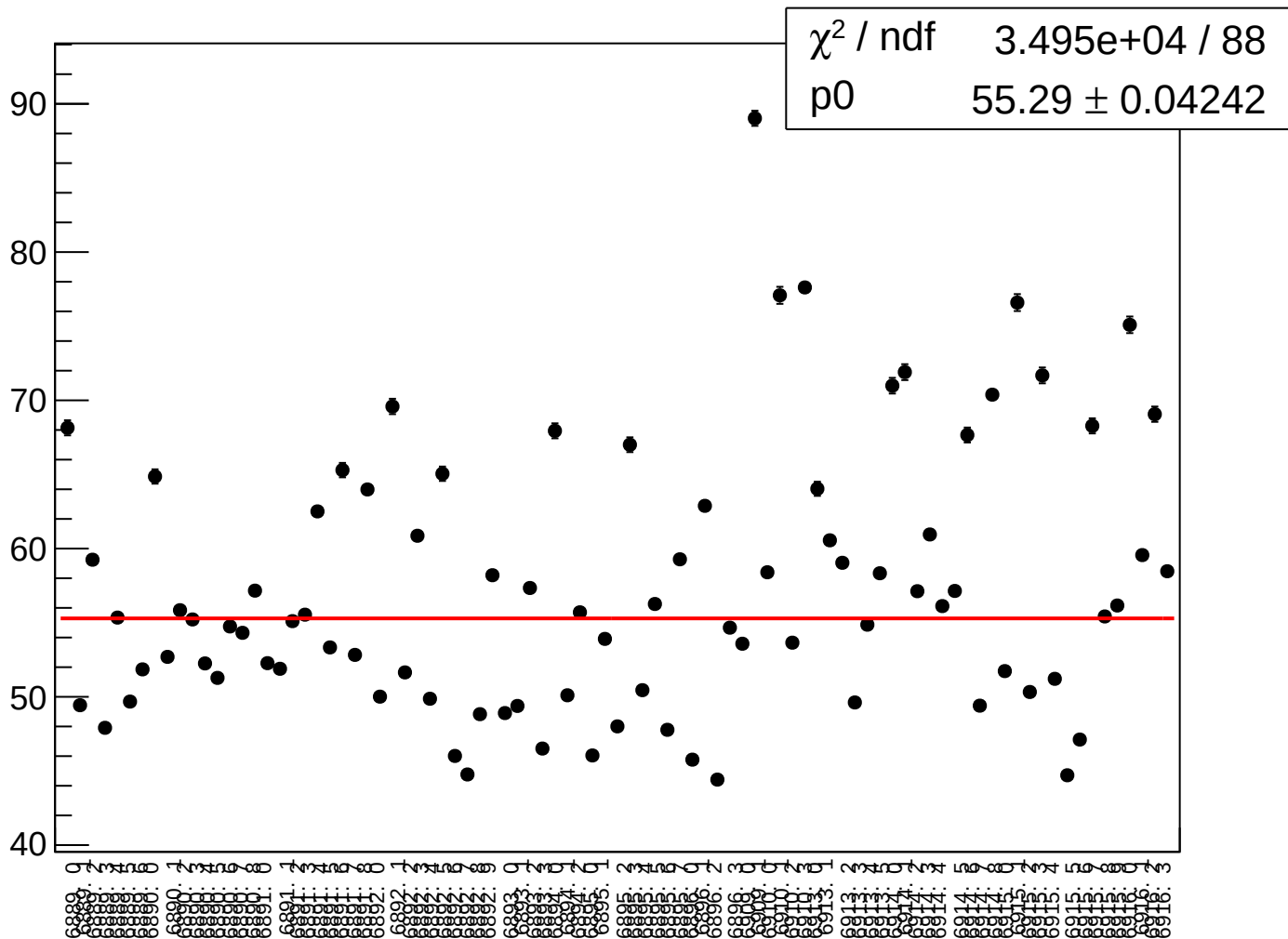
asym_sam6_eigen_dit_vs_dit_diff_rms vs run



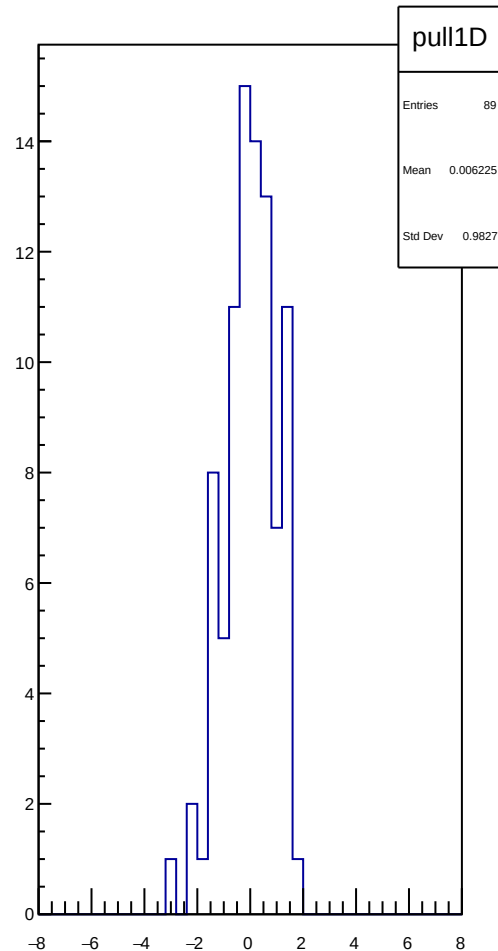
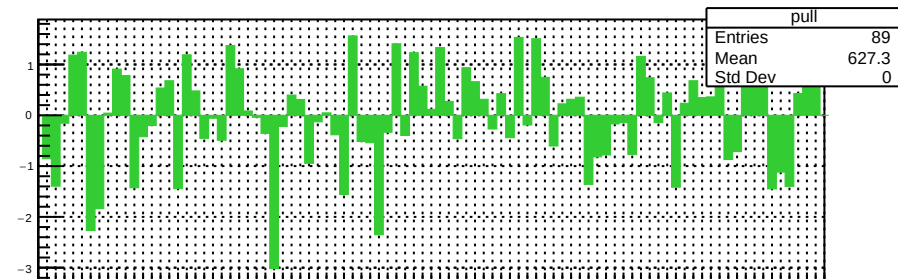
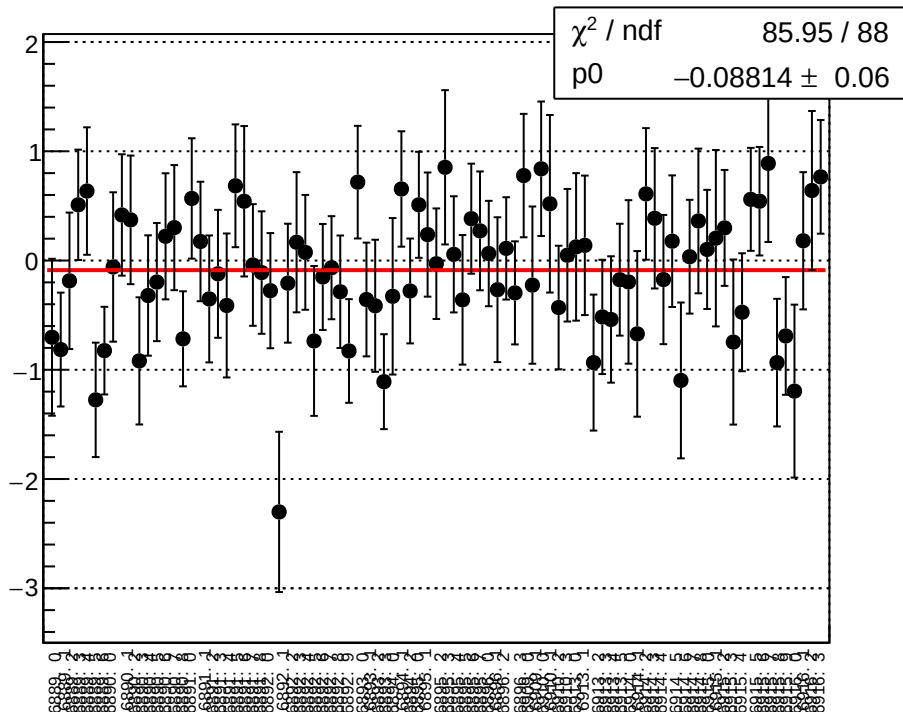
asym_sam6_eigen_dit_vs_cor_diff_mean vs run



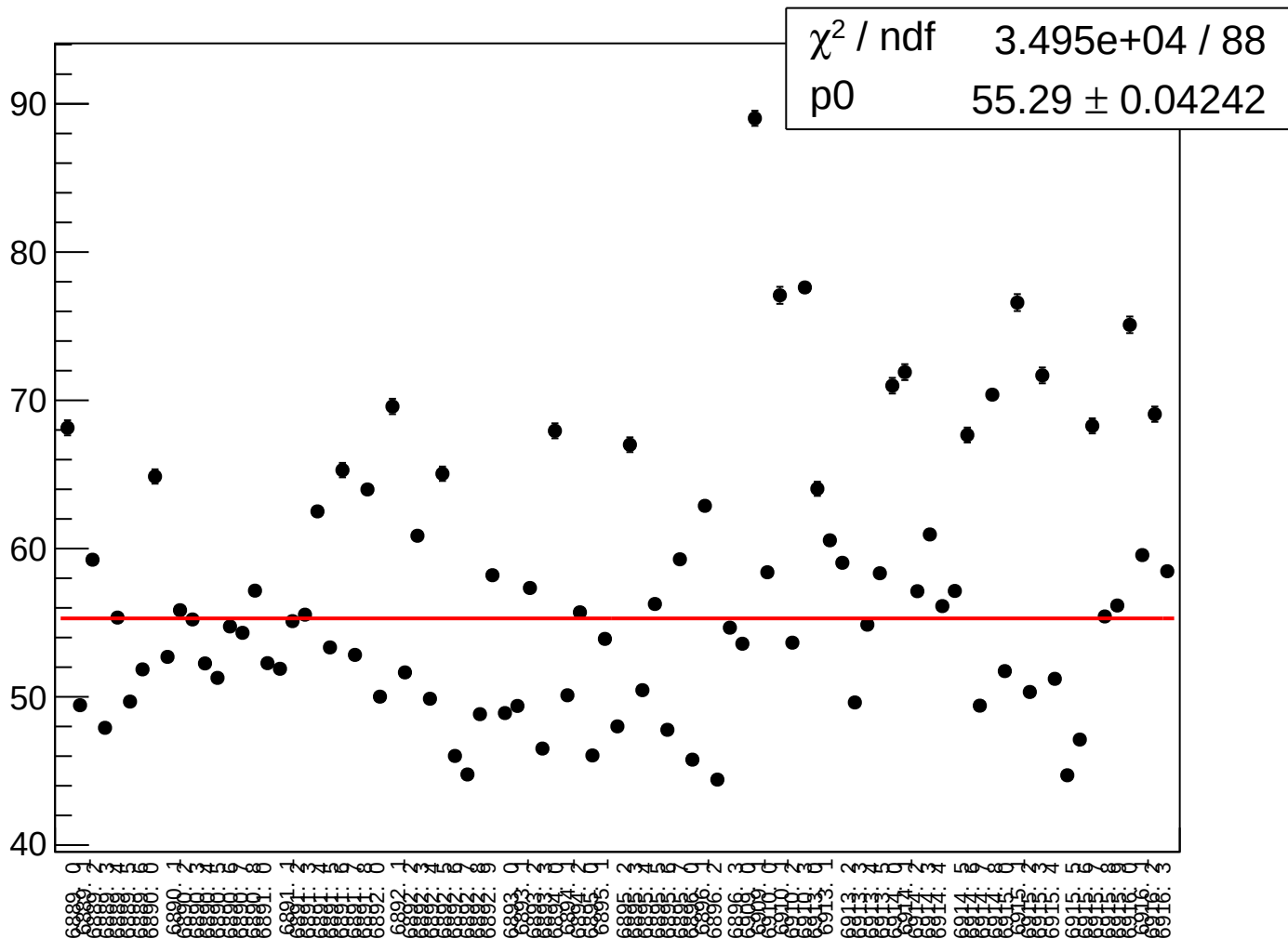
asym_sam6_eigen_dit_vs_cor_diff_rms vs run



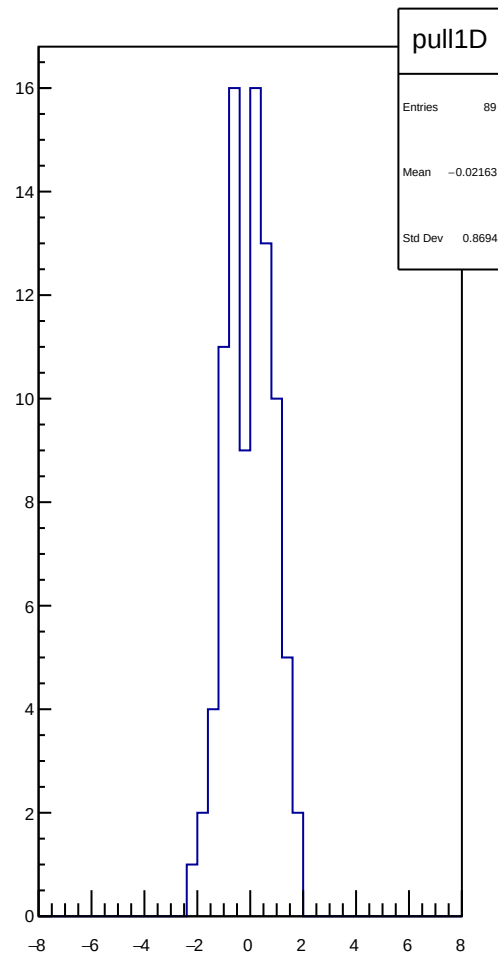
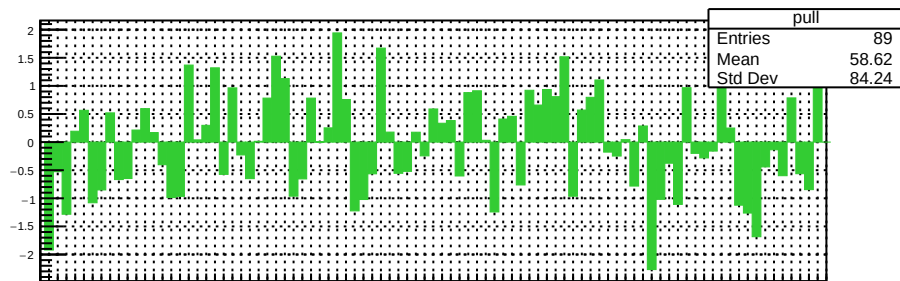
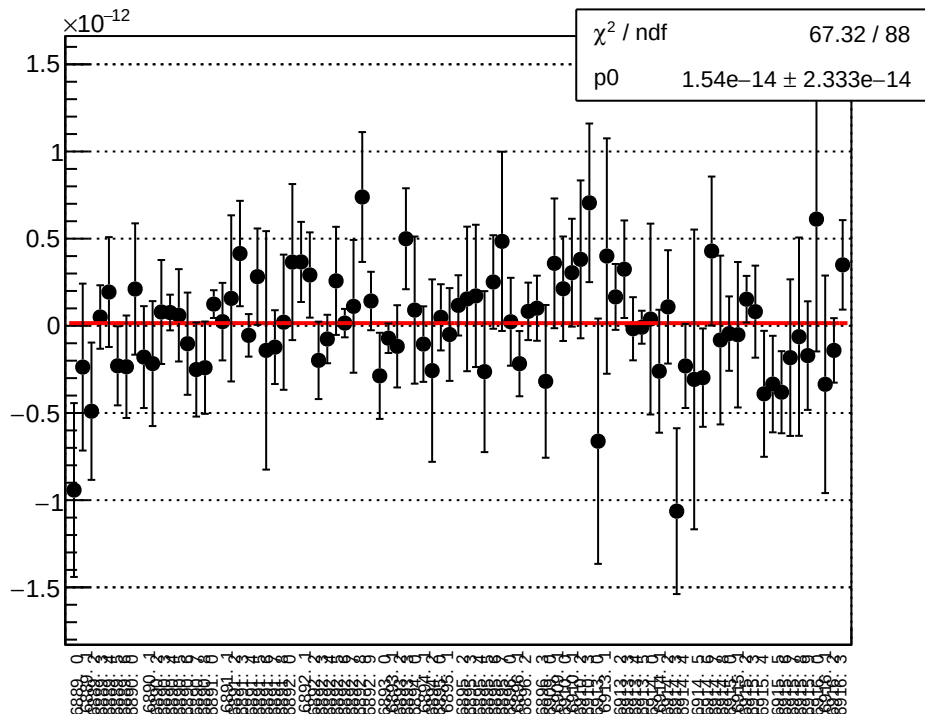
asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs run



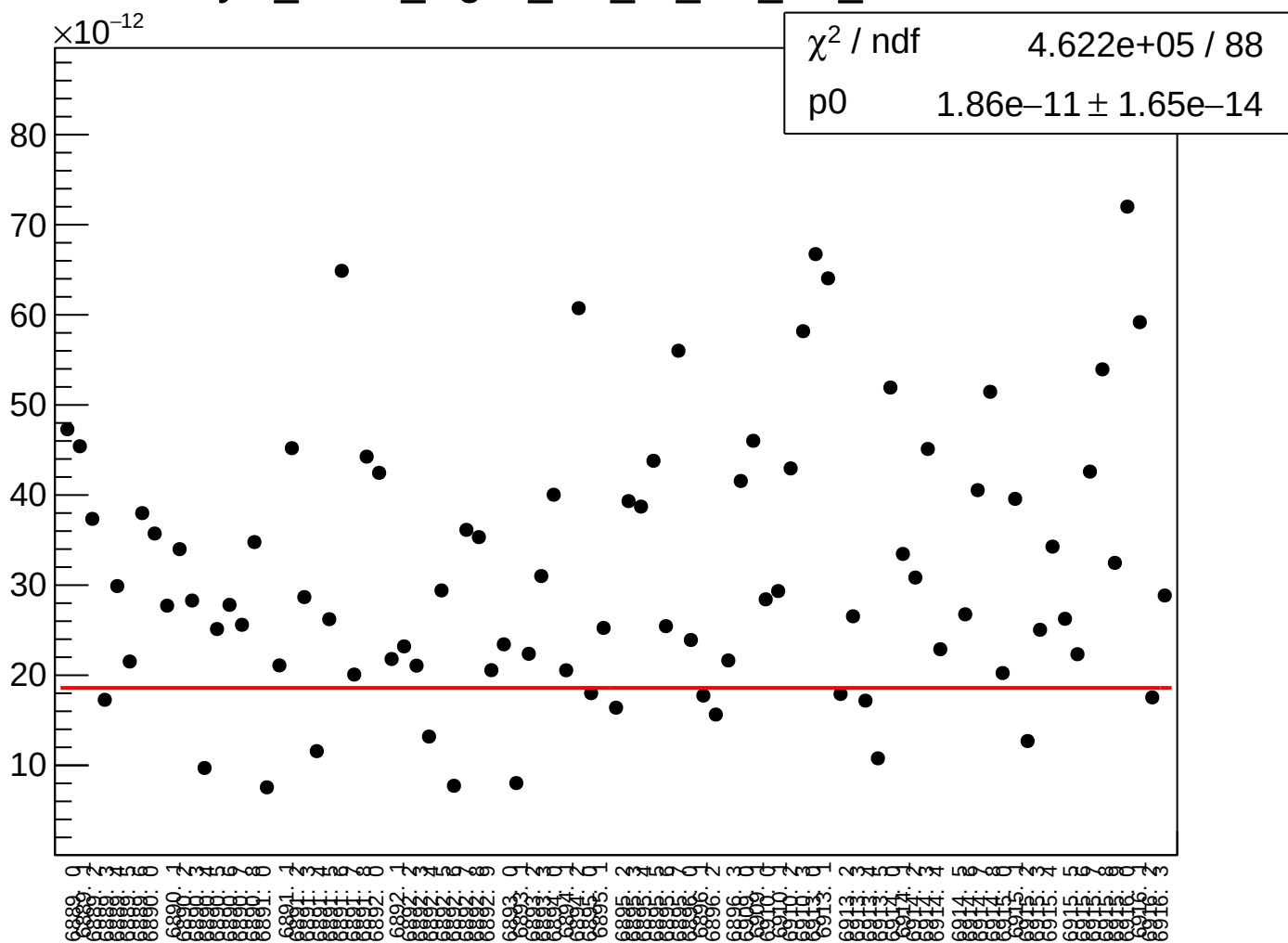
asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs run



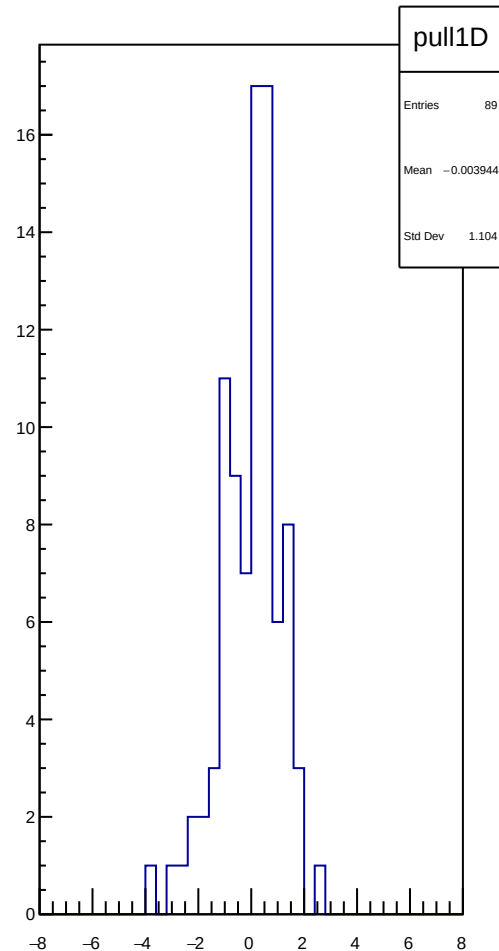
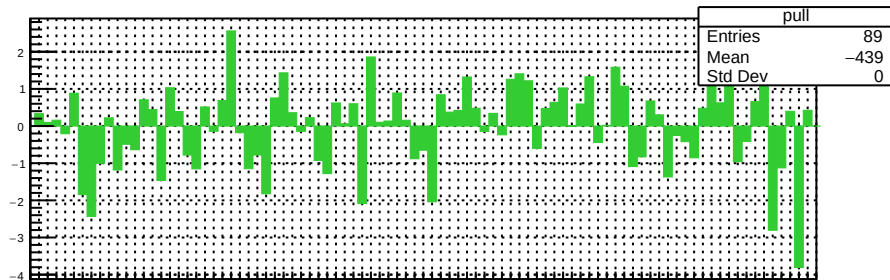
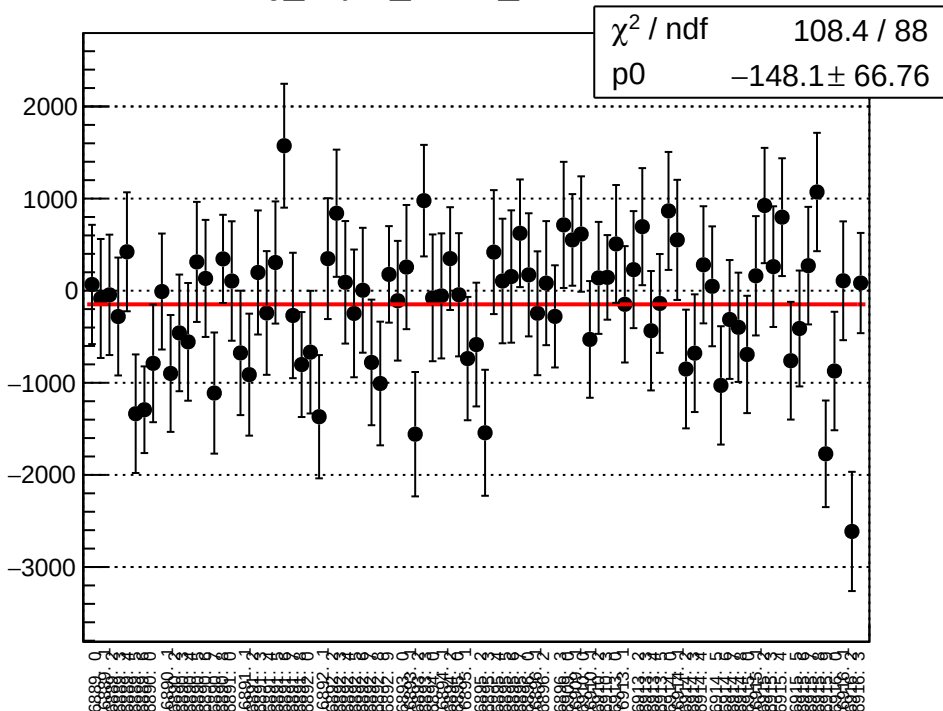
asym_sam6_eigen_cor_vs_cor_diff_mean vs run



asym_sam6_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam7_mean vs run



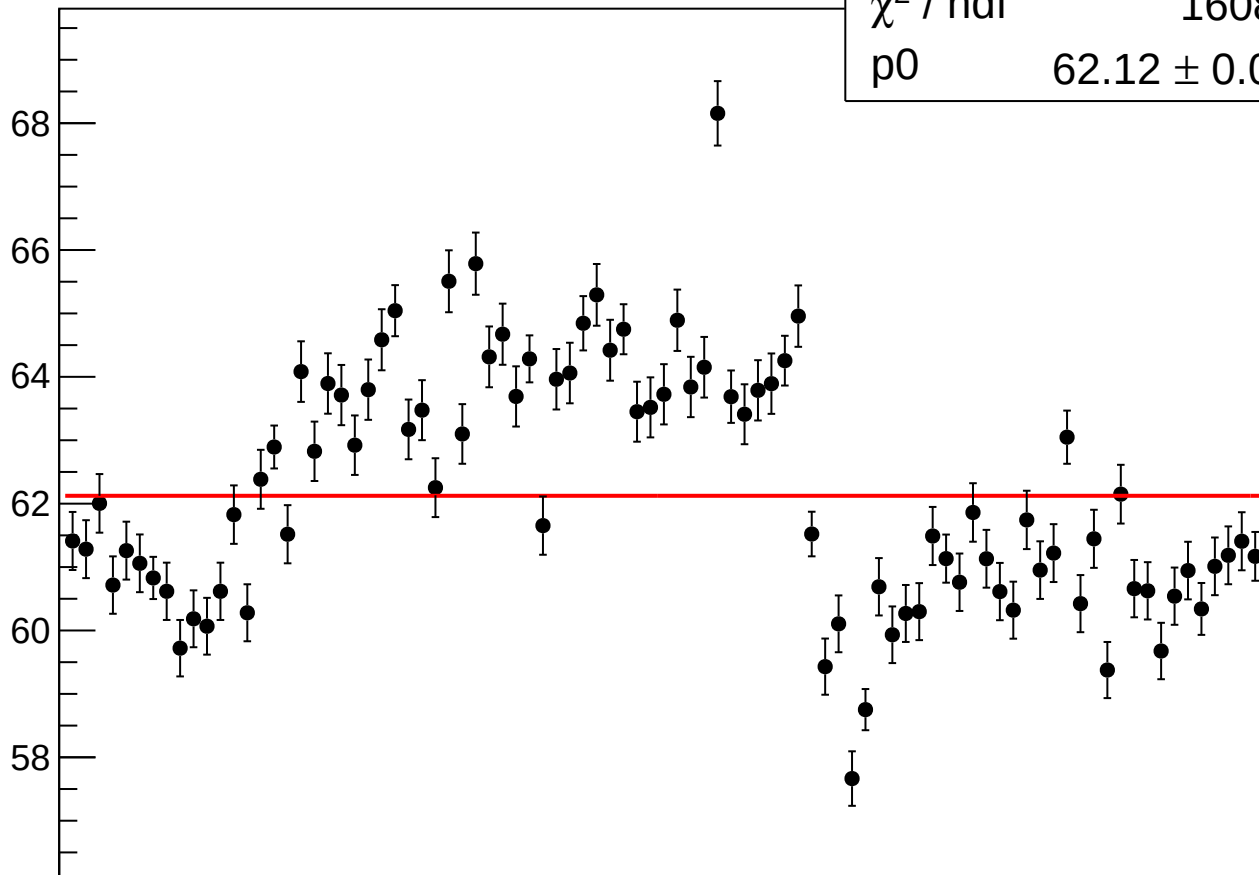
reg_asym_sam7_rms vs run

χ^2 / ndf

1608 / 88

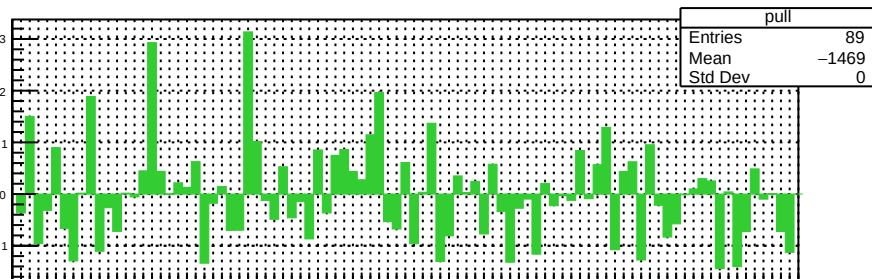
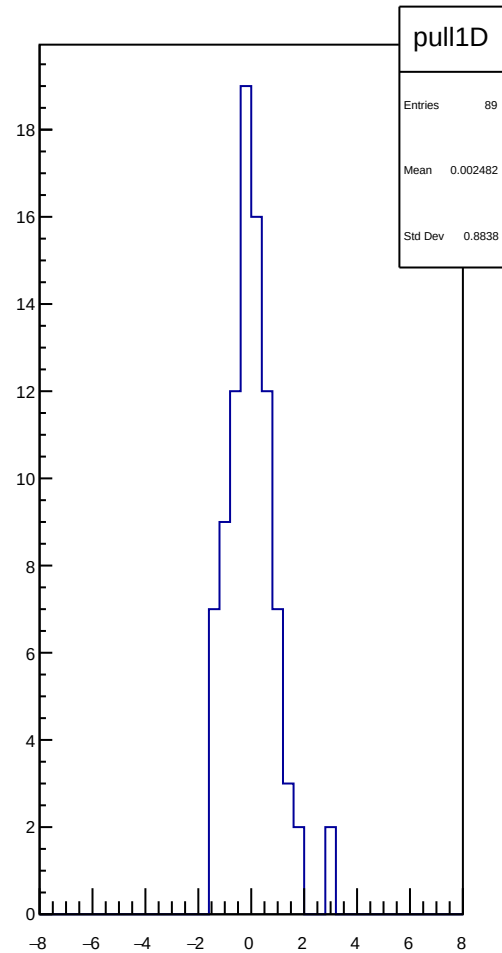
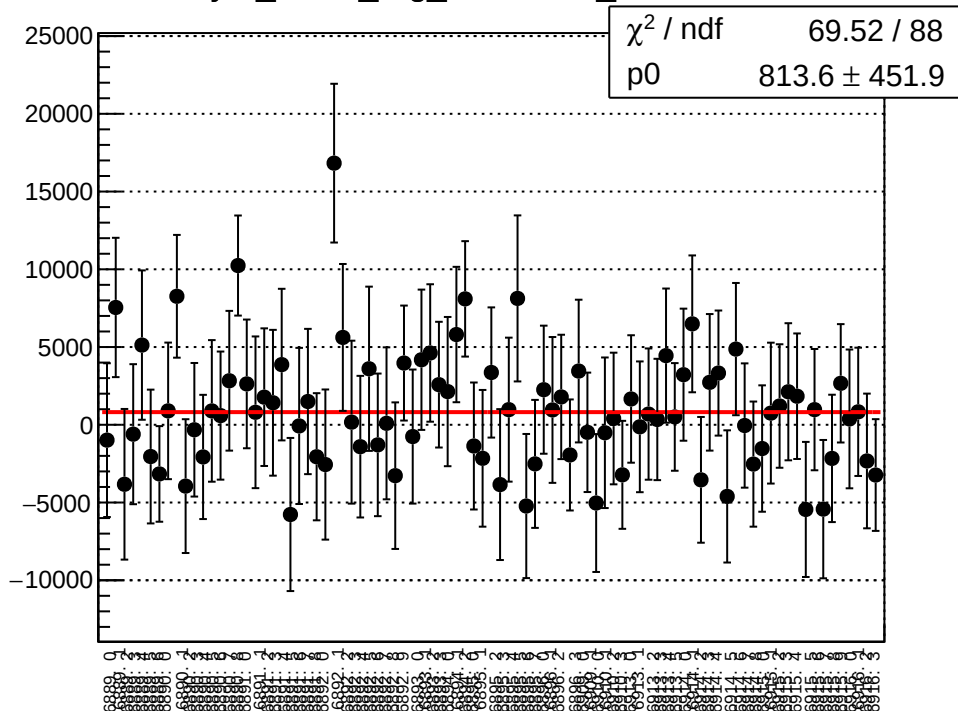
p0

62.12 ± 0.04721

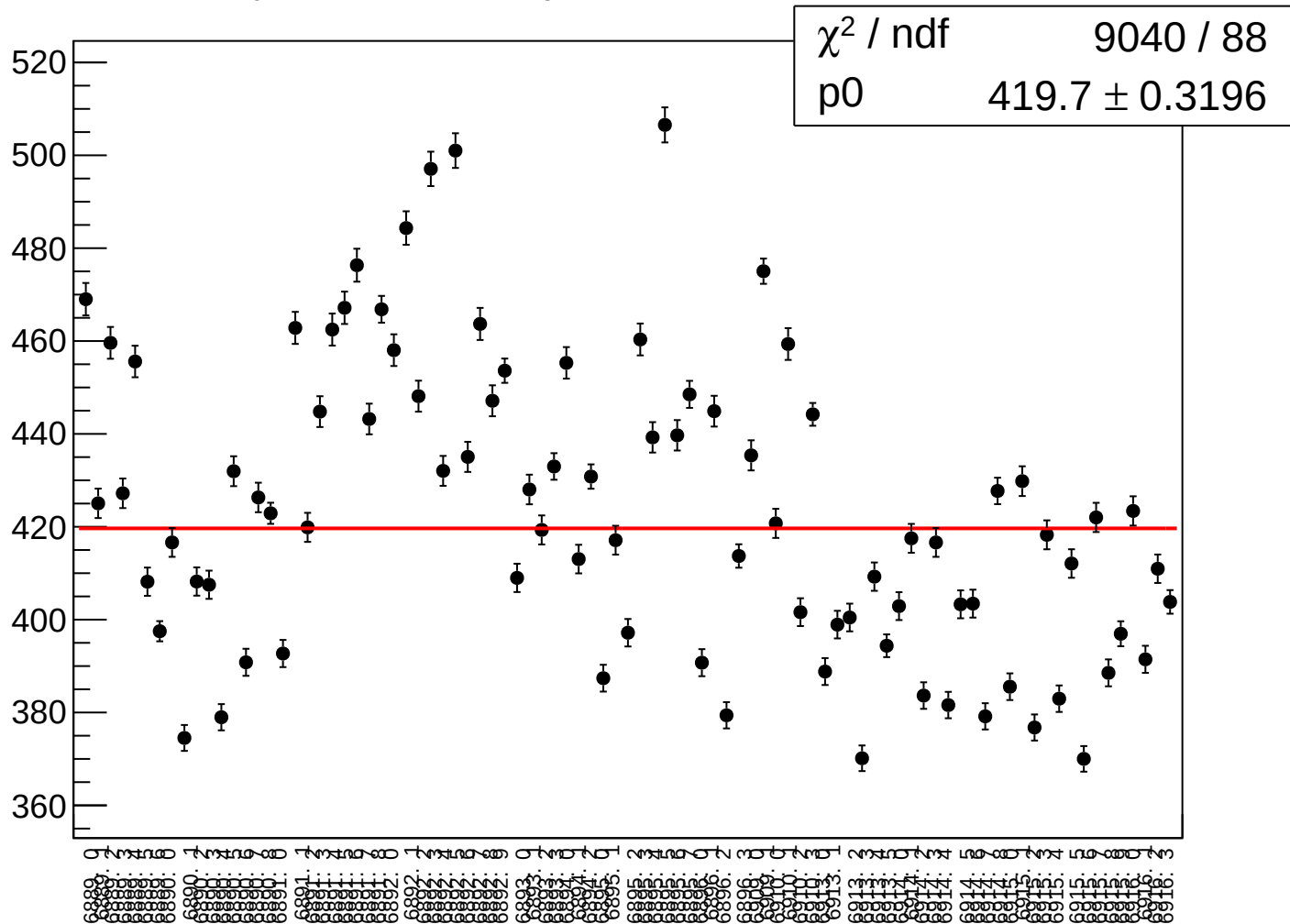


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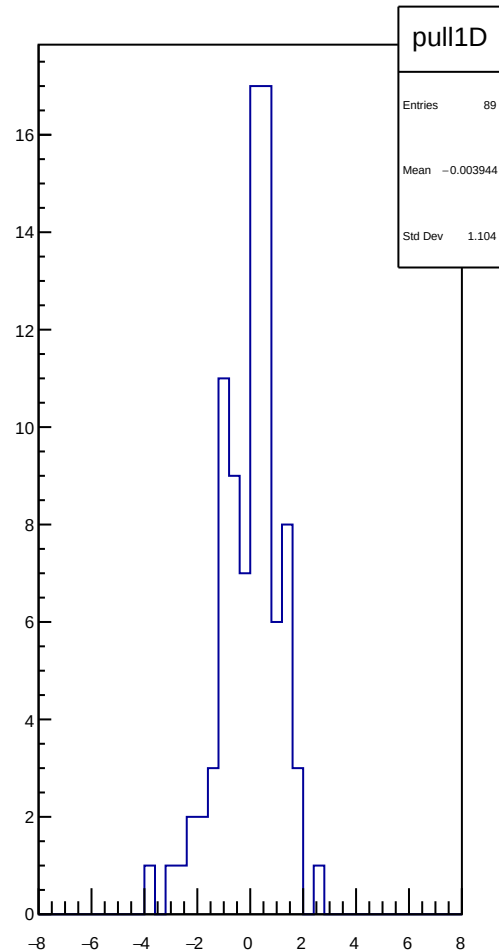
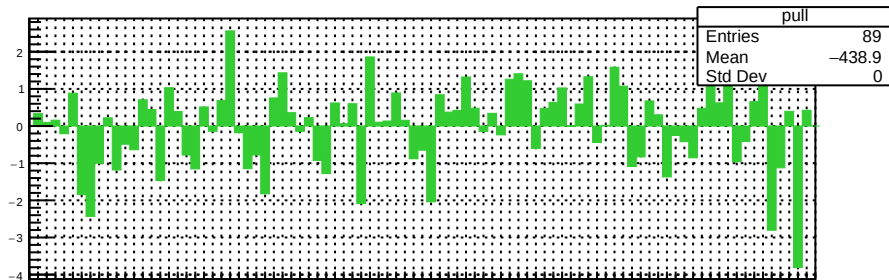
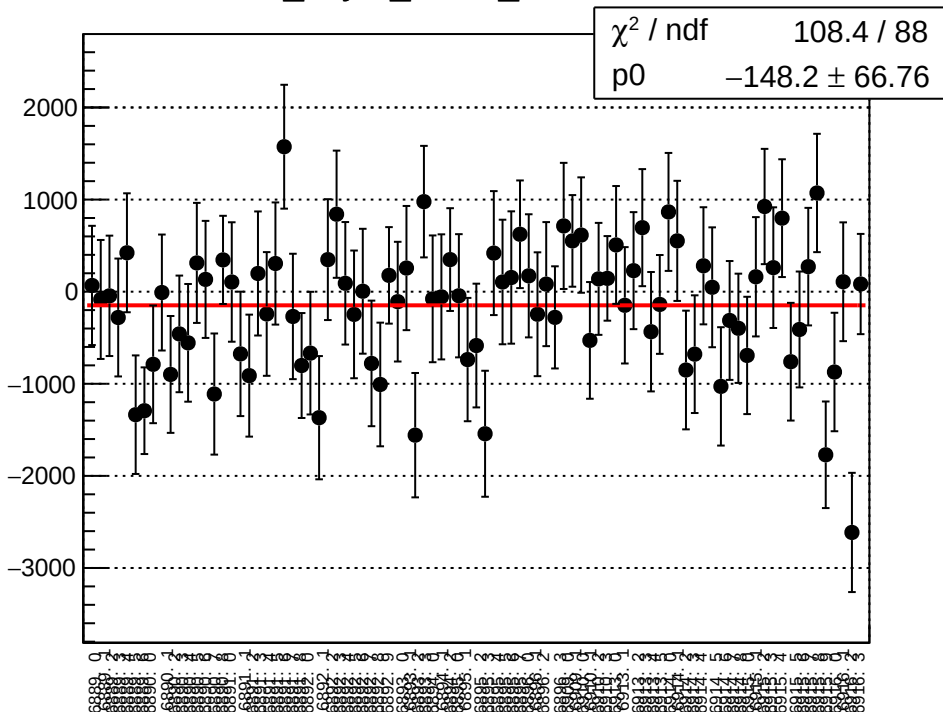
asym_sam7_reg_correction_mean vs run



asym_sam7_reg_correction_rms vs run



cor_asym_sam7_mean vs run



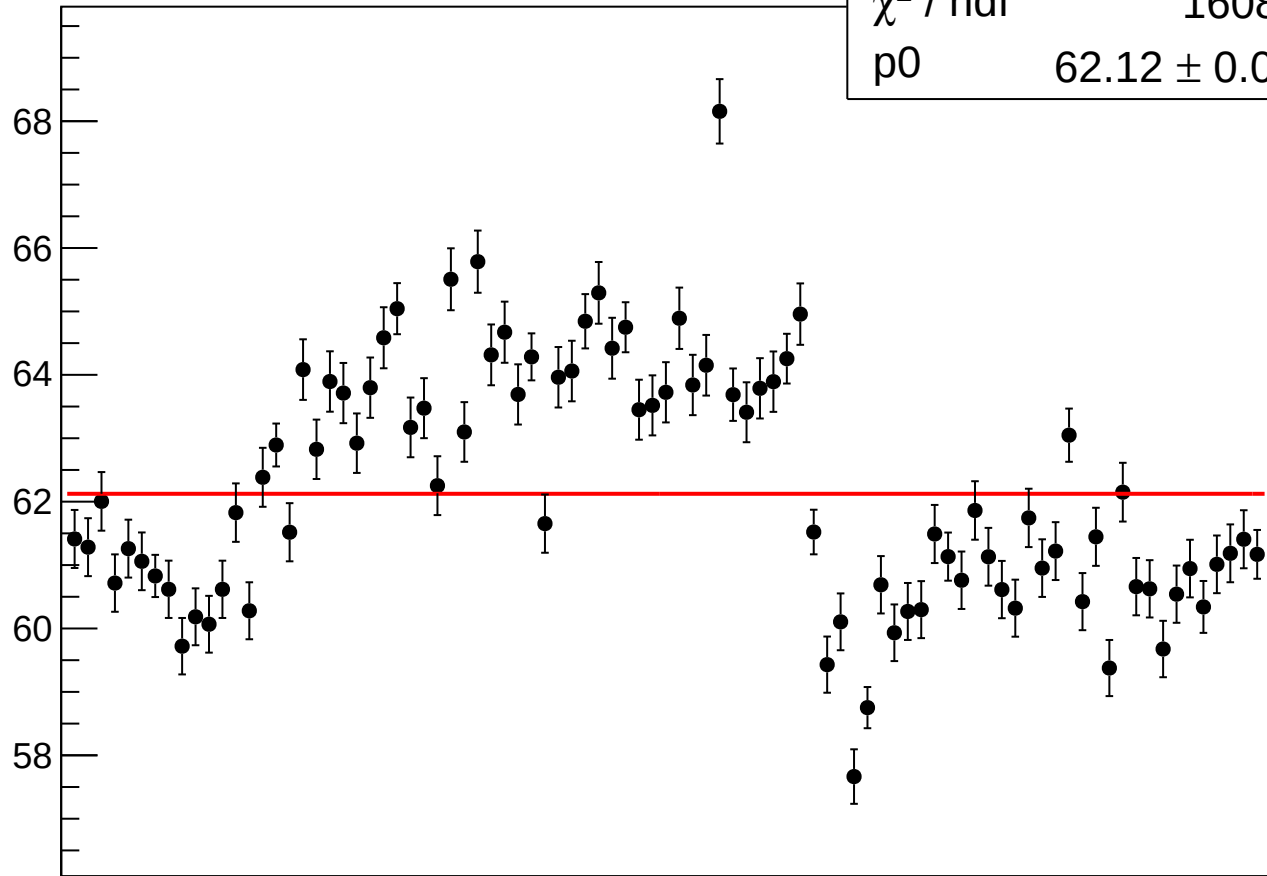
cor_asym_sam7_rms vs run

χ^2 / ndf

1608 / 88

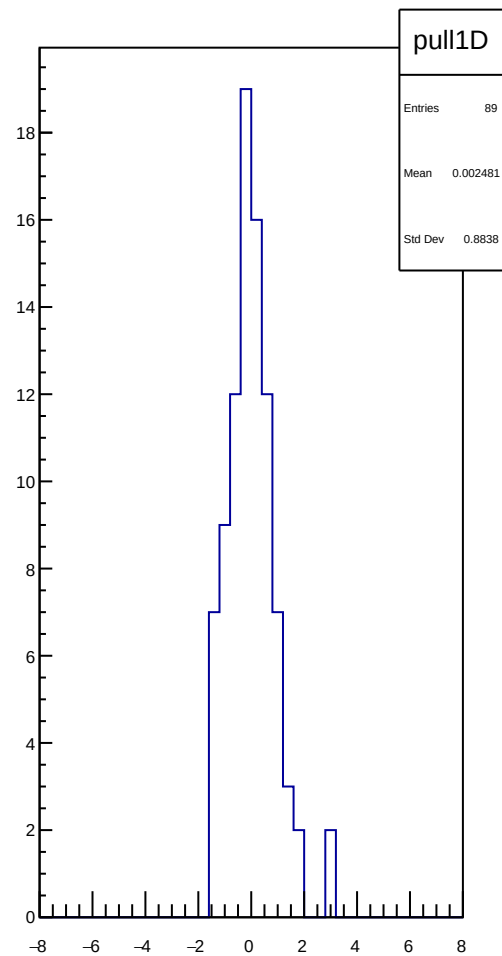
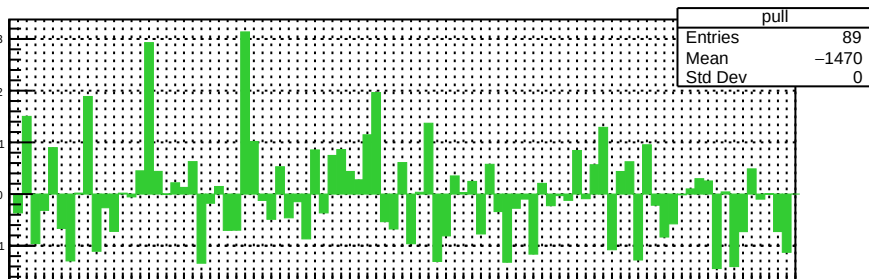
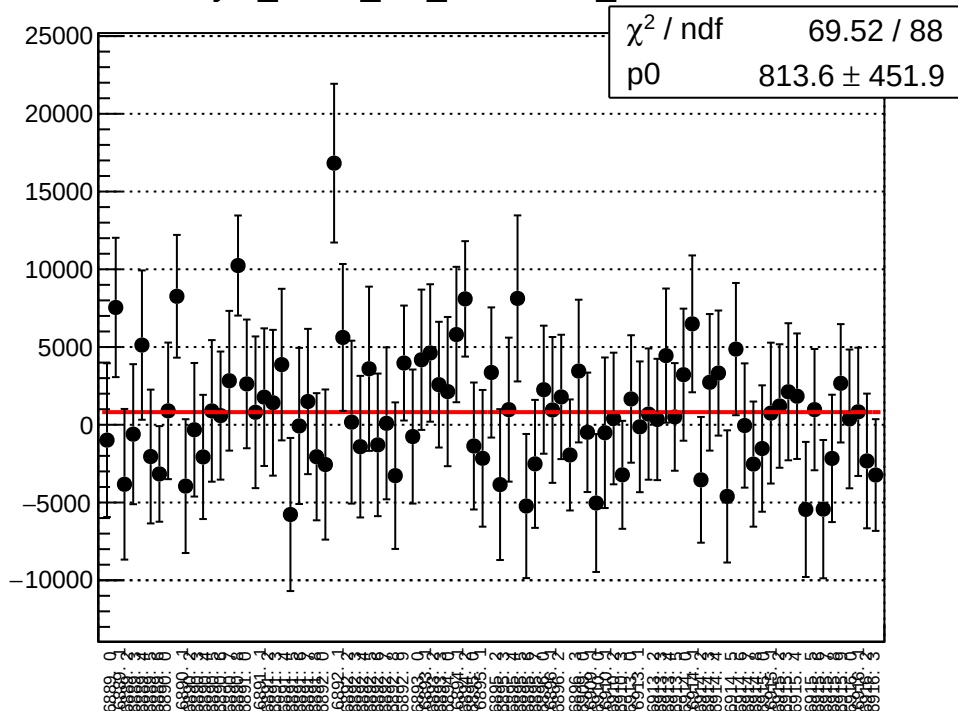
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62.12 ± 0.04721

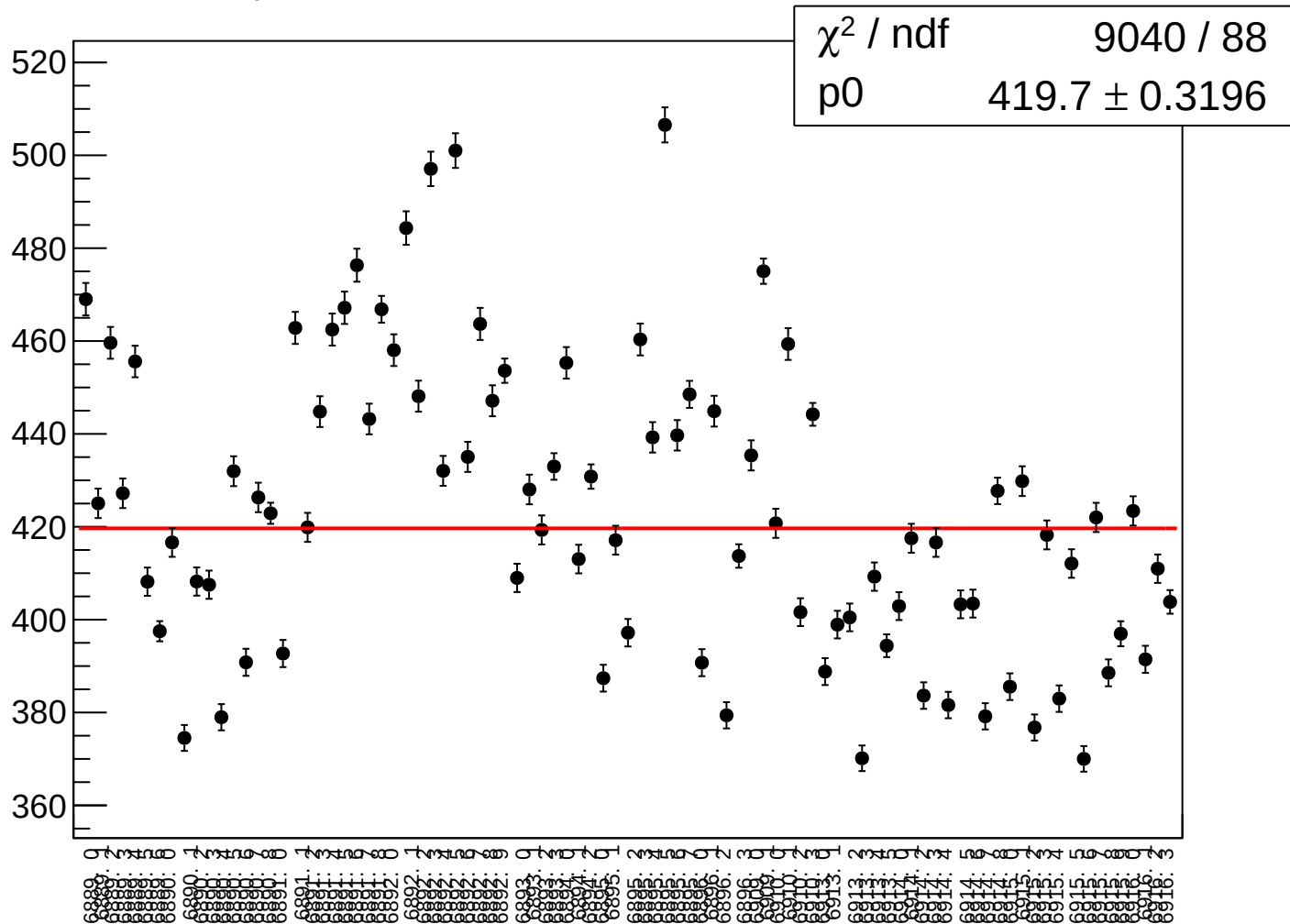


run

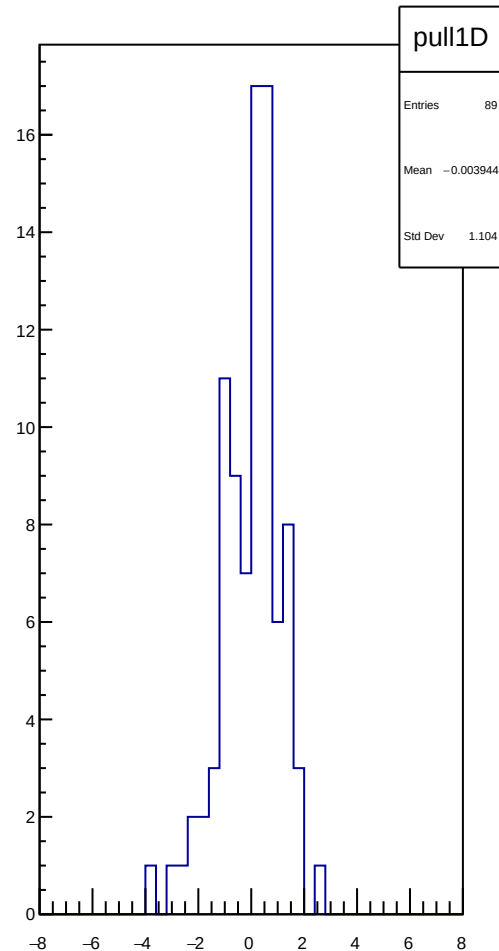
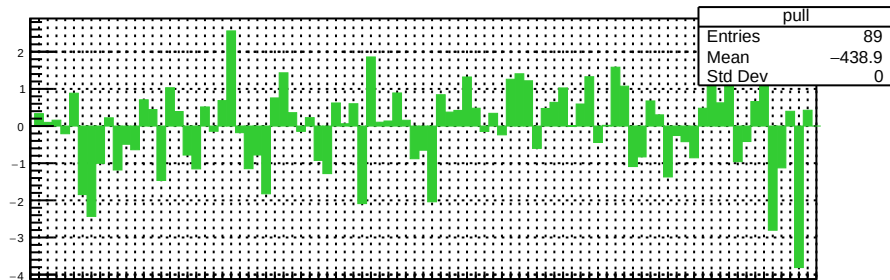
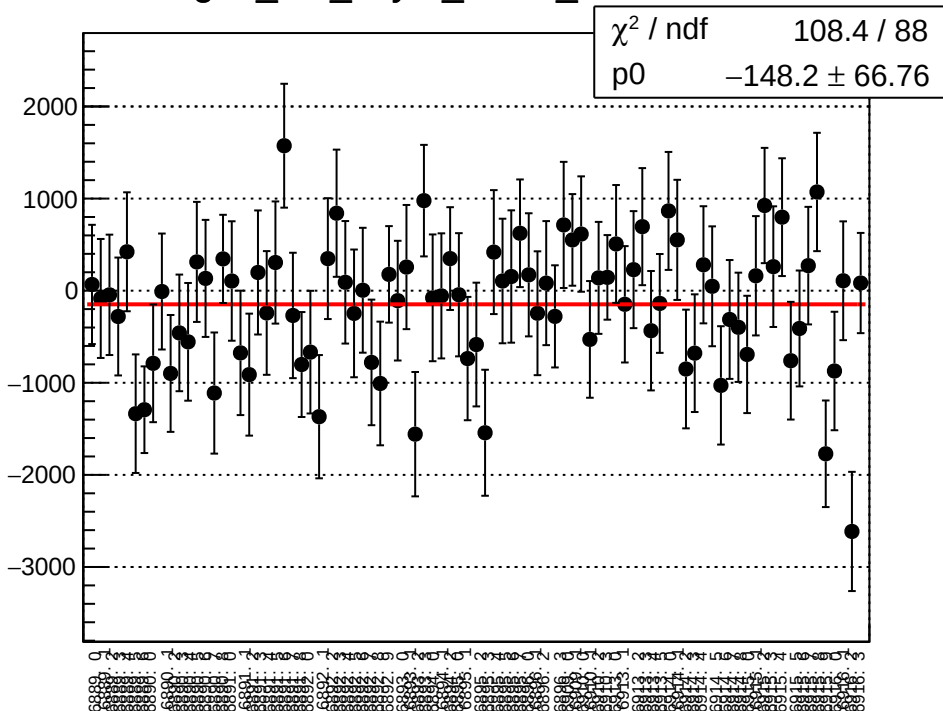
asym_sam7_cor_correction_mean vs run



asym_sam7_cor_correction_rms vs run



eigen_cor_asym_sam7_mean vs run



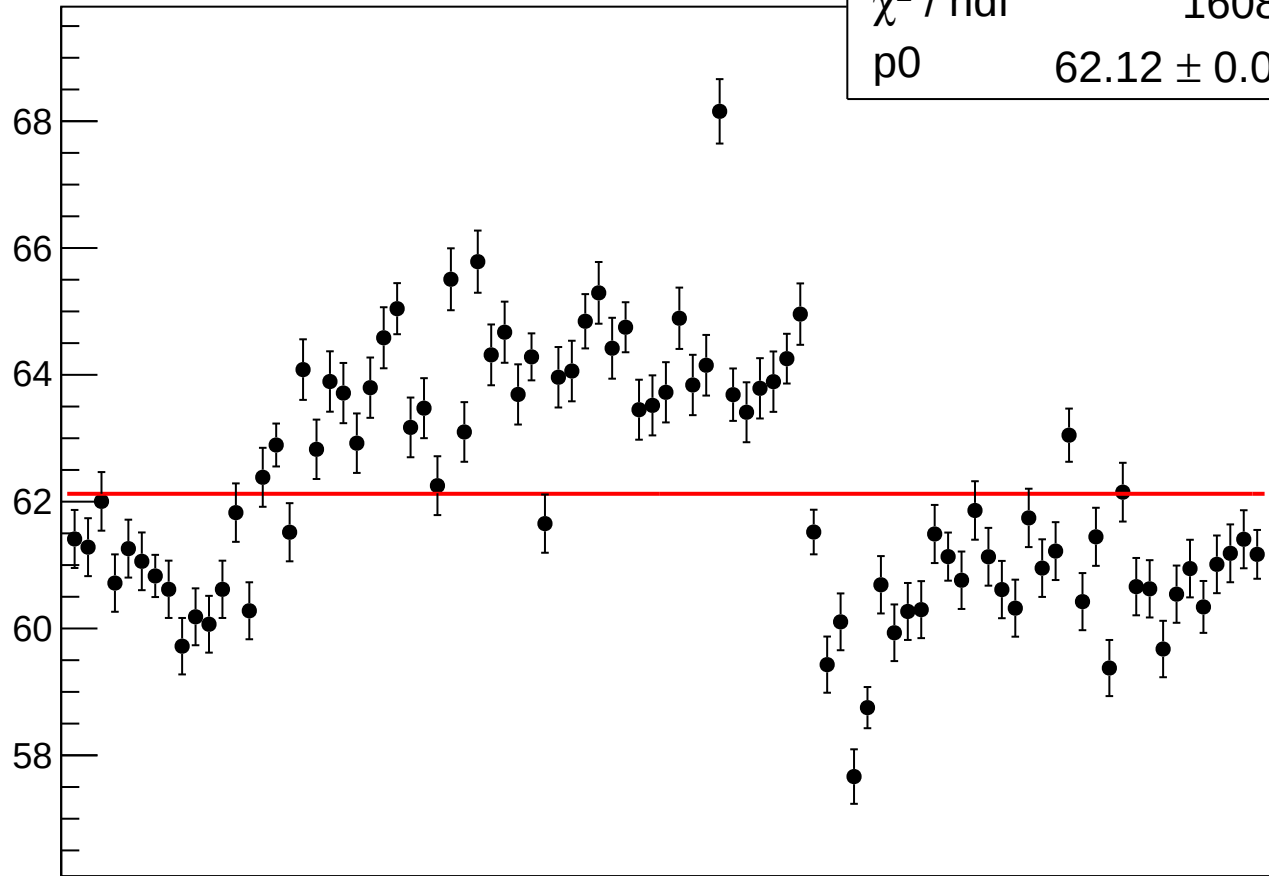
eigen_cor_asym_sam7_rms vs run

χ^2 / ndf

1608 / 88

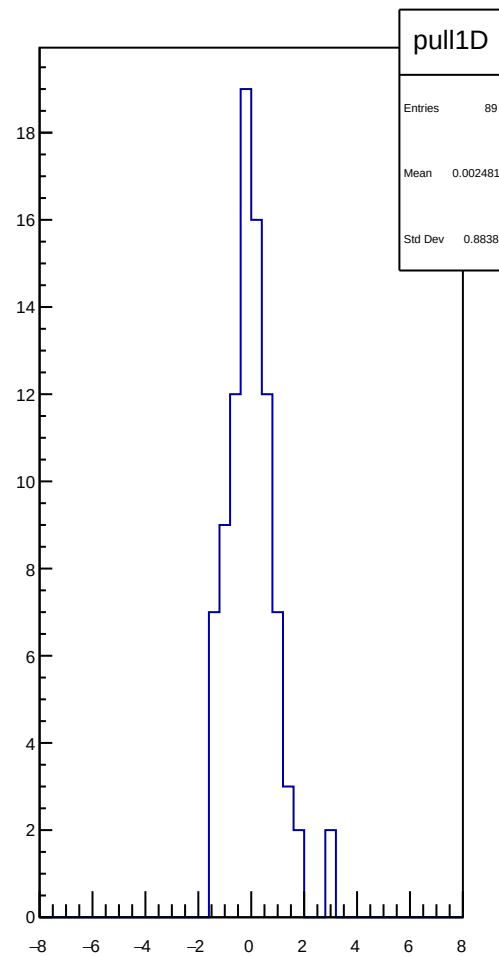
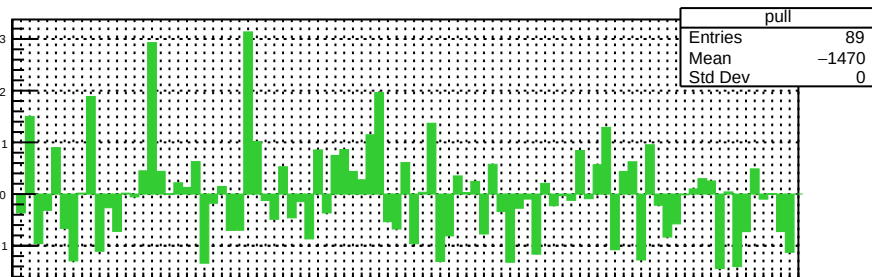
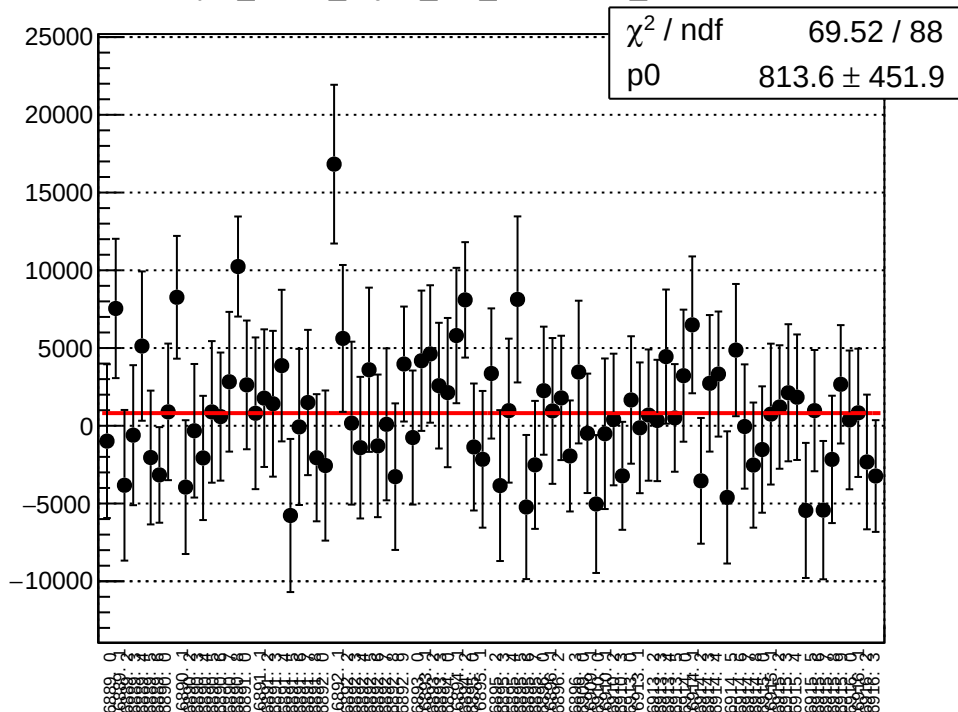
p0

62.12 ± 0.04721

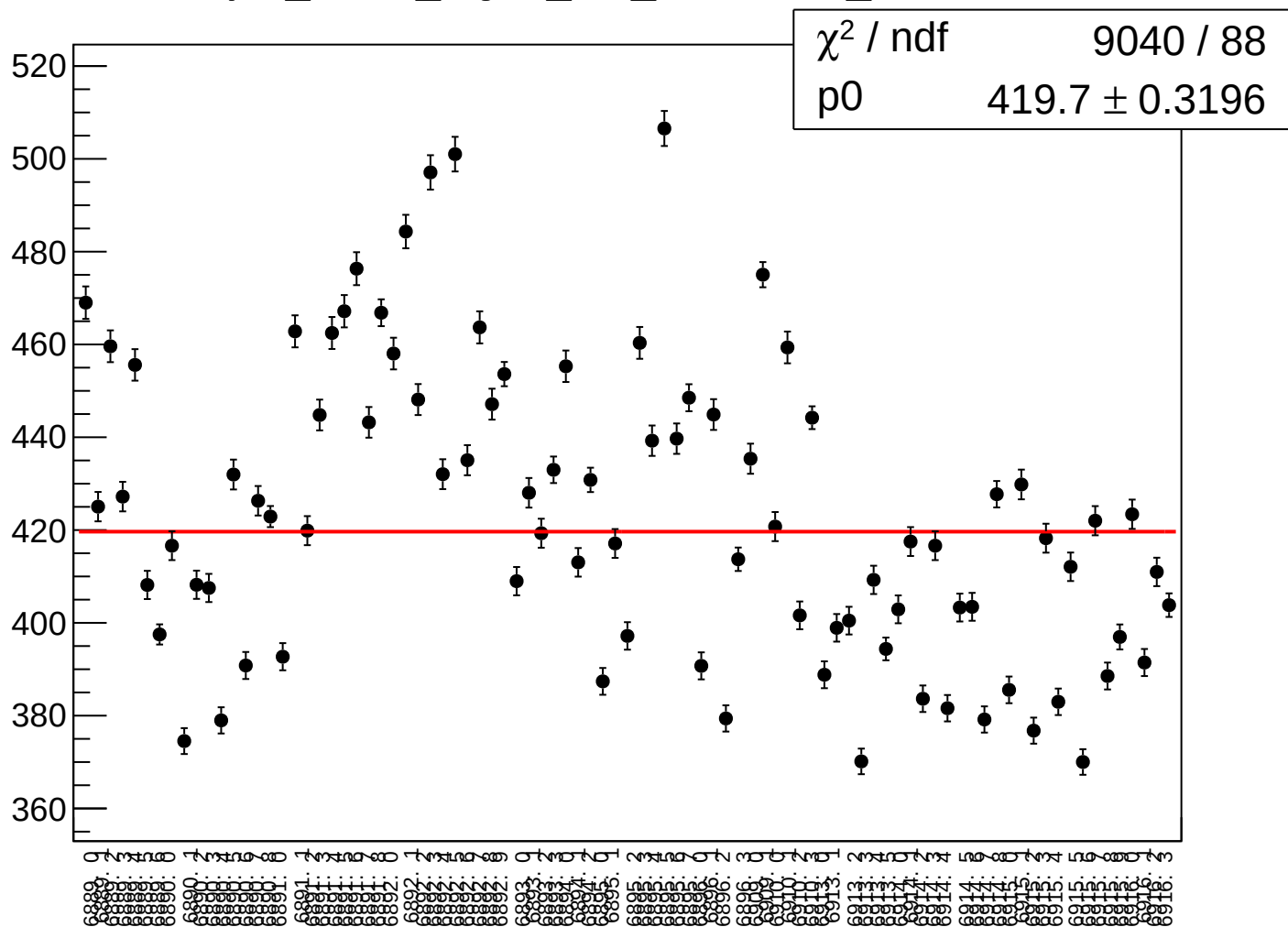


run

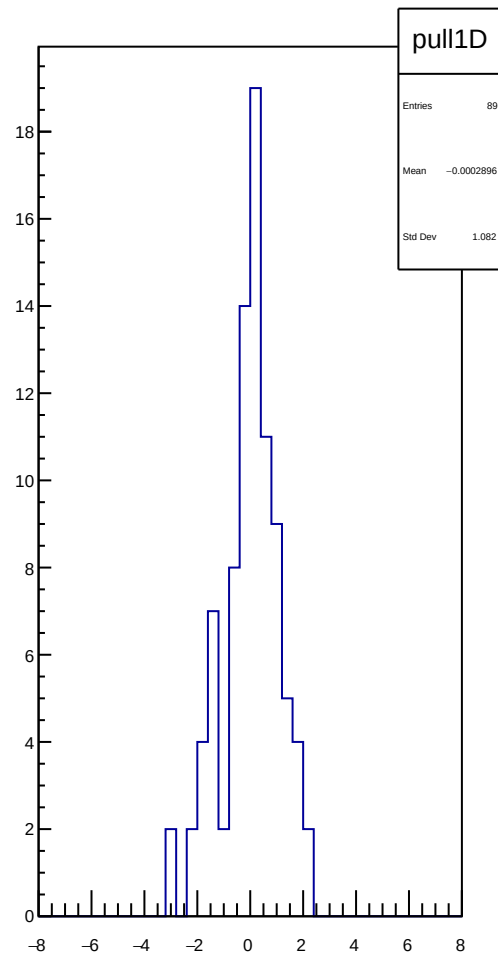
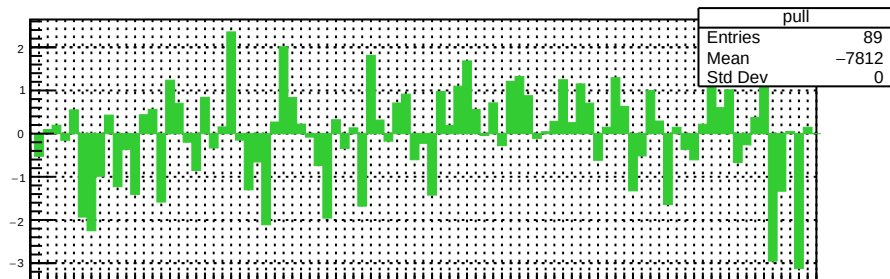
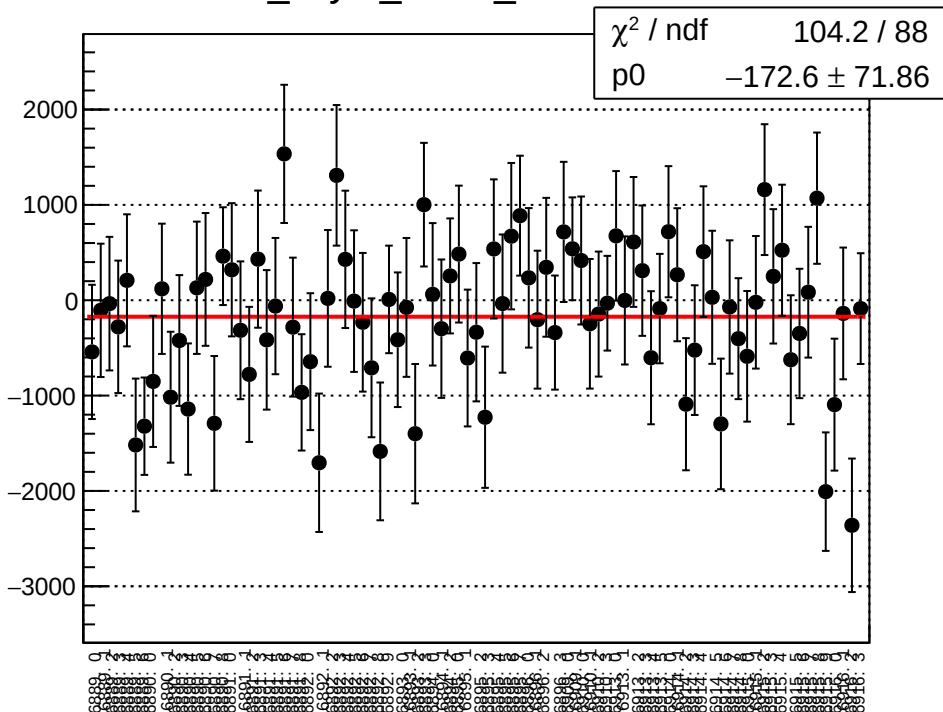
asym_sam7_eigen_cor_correction_mean vs run



asym_sam7_eigen_cor_correction_rms vs run



dit_asym_sam7_mean vs run



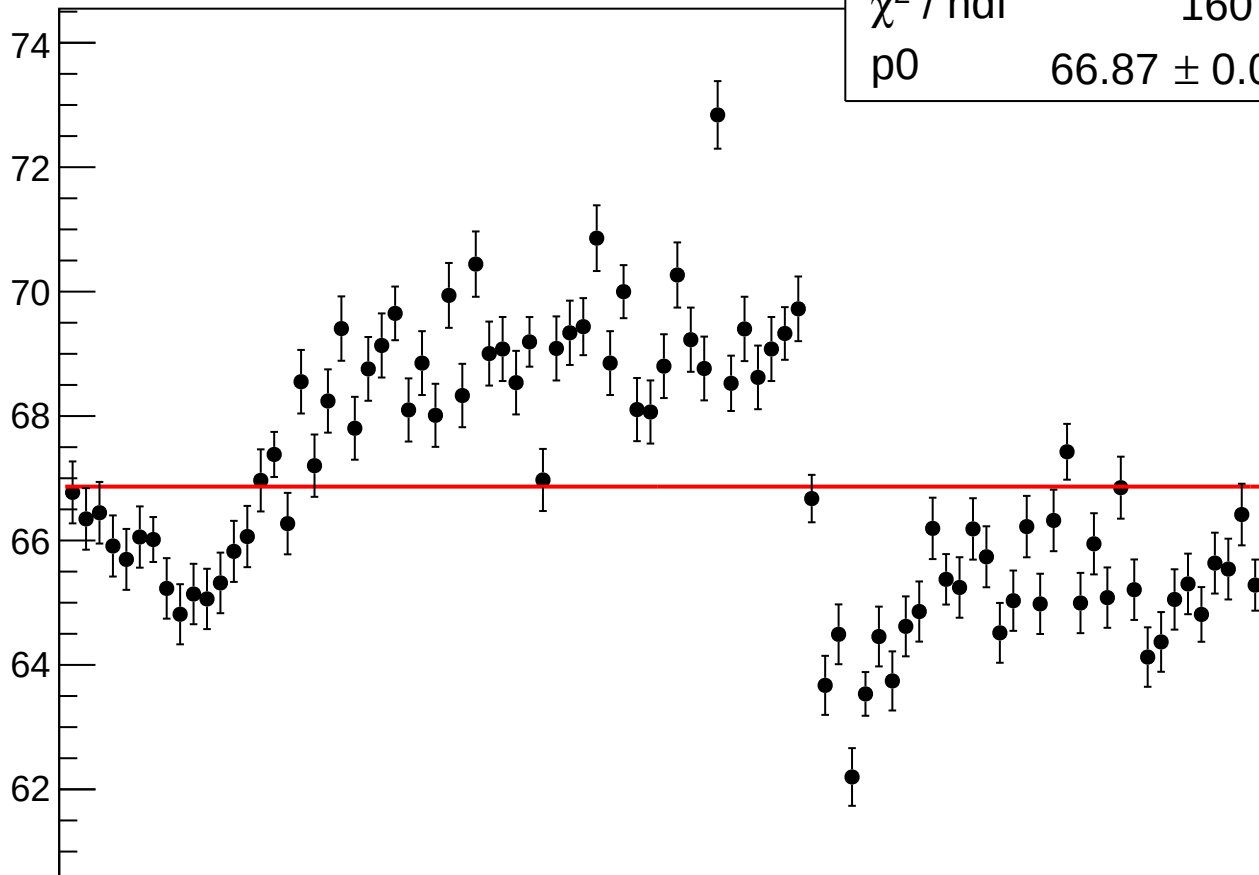
dit_asym_sam7_rms vs run

χ^2 / ndf

1607 / 88

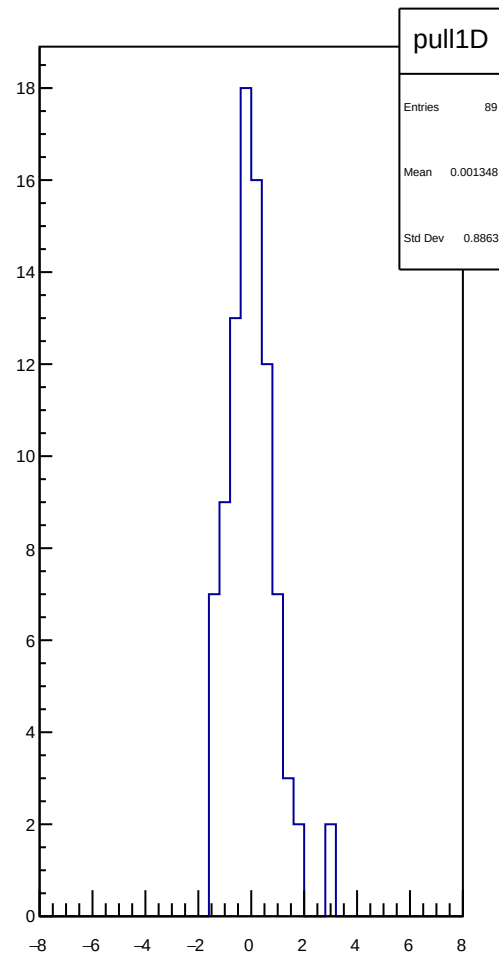
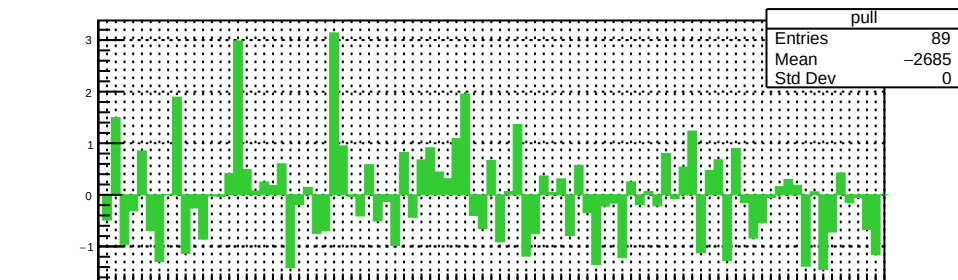
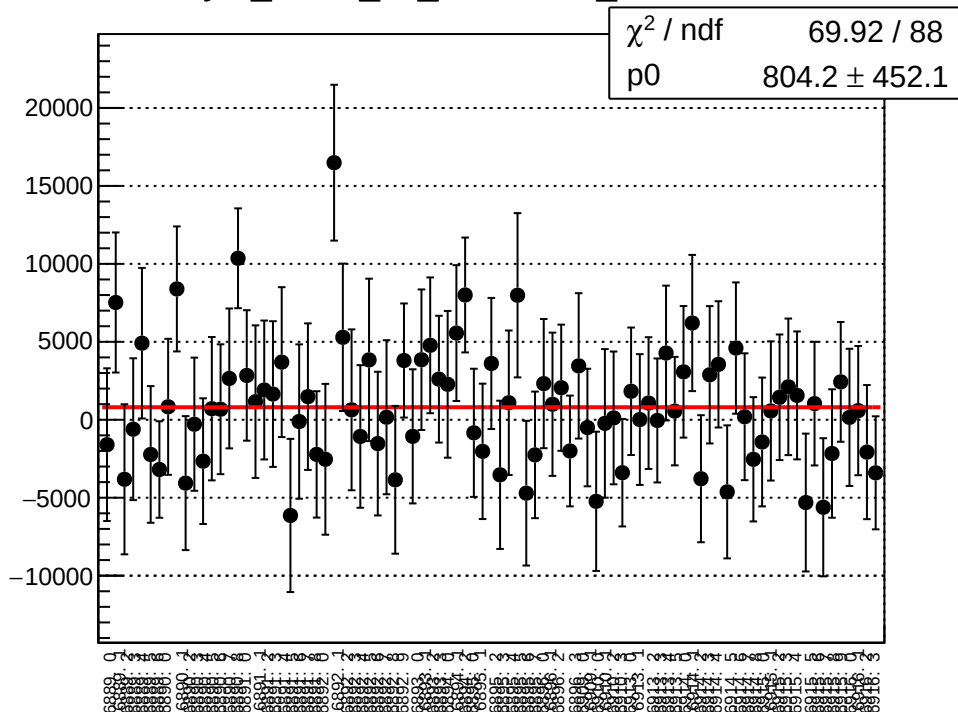
p0

66.87 ± 0.05081

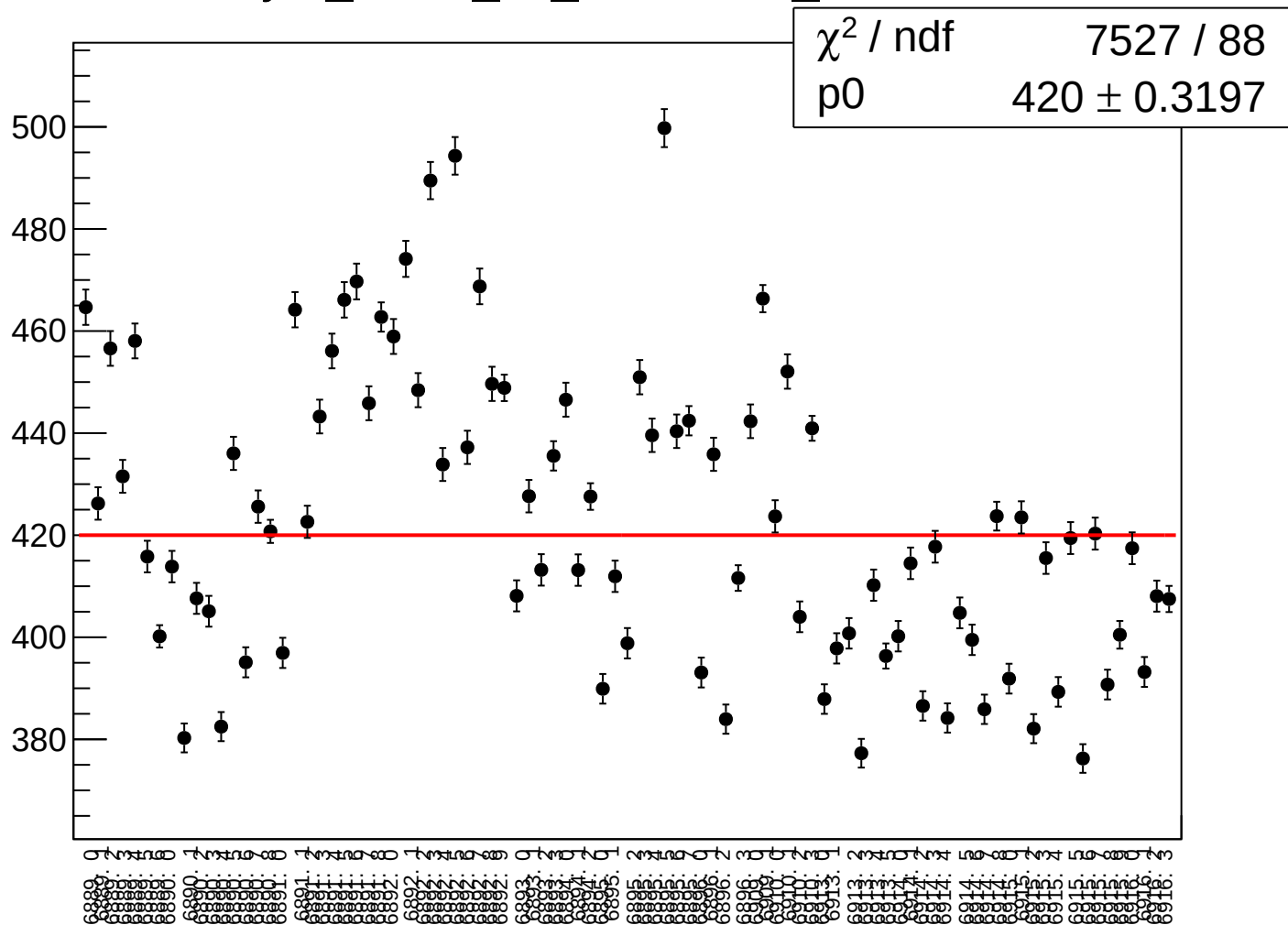


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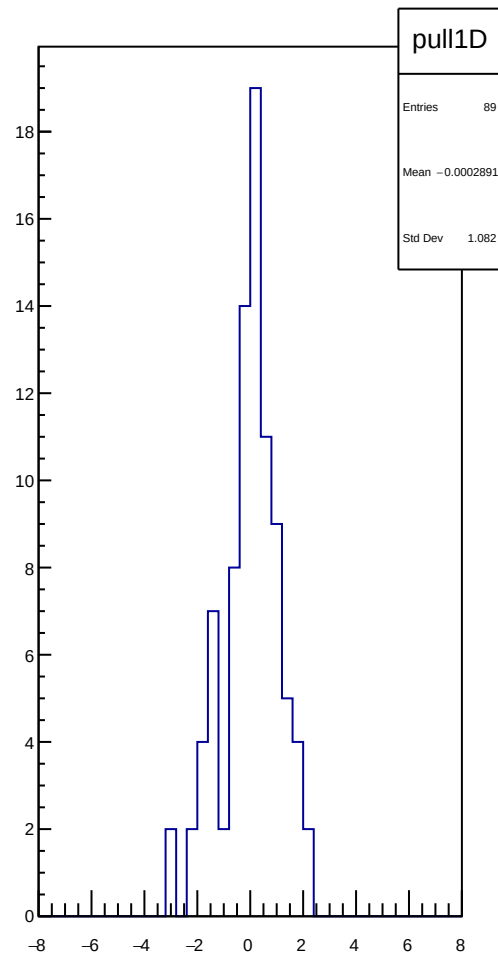
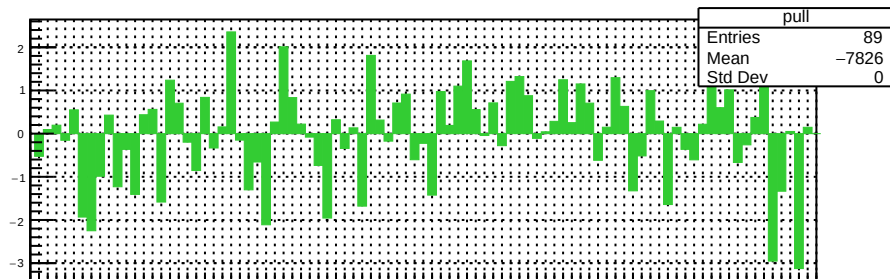
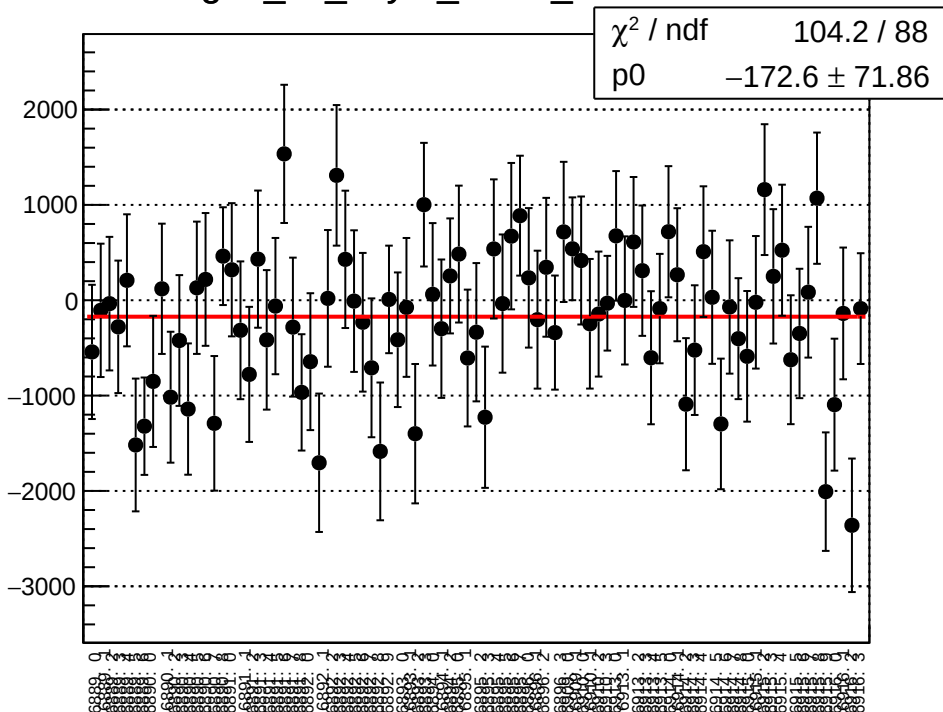
asym_sam7_dit_correction_mean vs run



asym_sam7_dit_correction_rms vs run



eigen_dit_asym_sam7_mean vs run



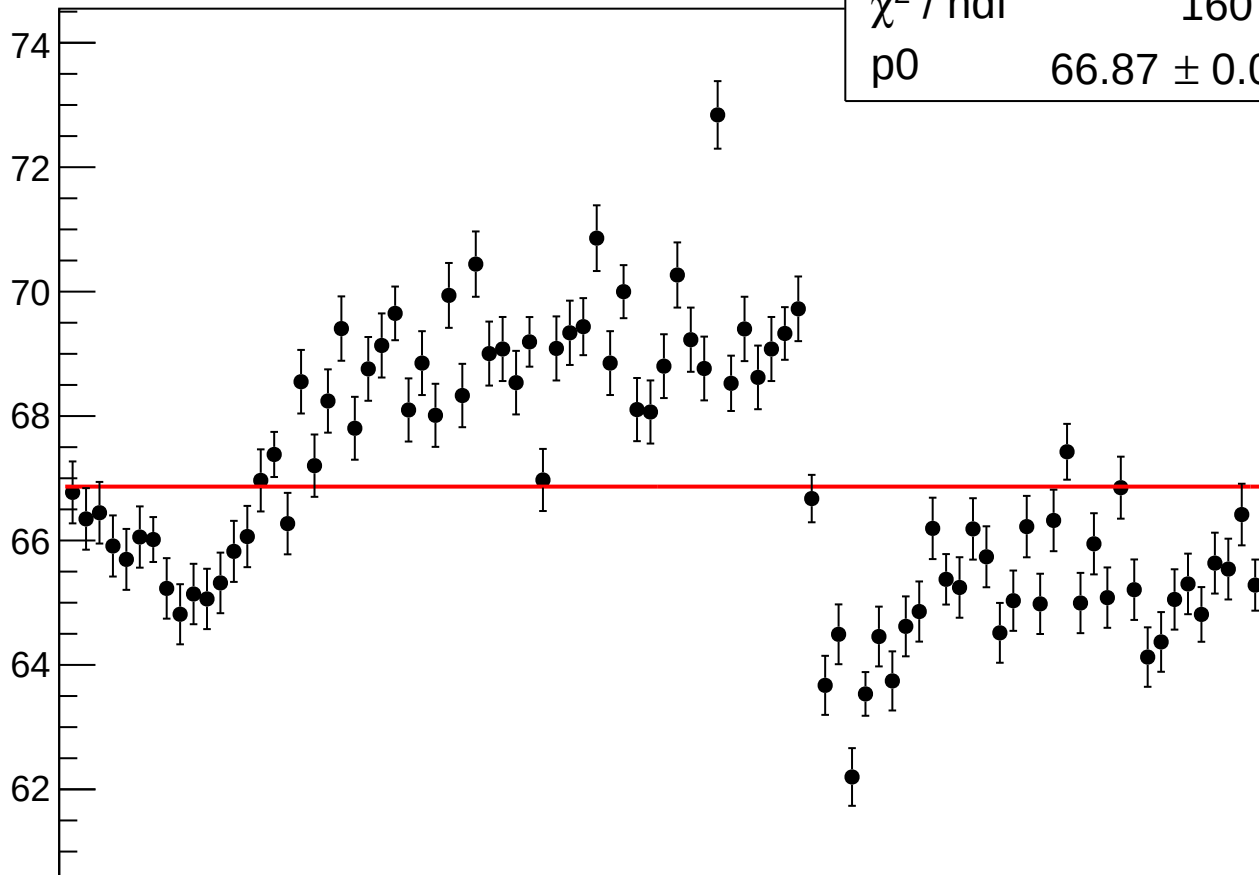
eigen_dit_asym_sam7_rms vs run

χ^2 / ndf

1607 / 88

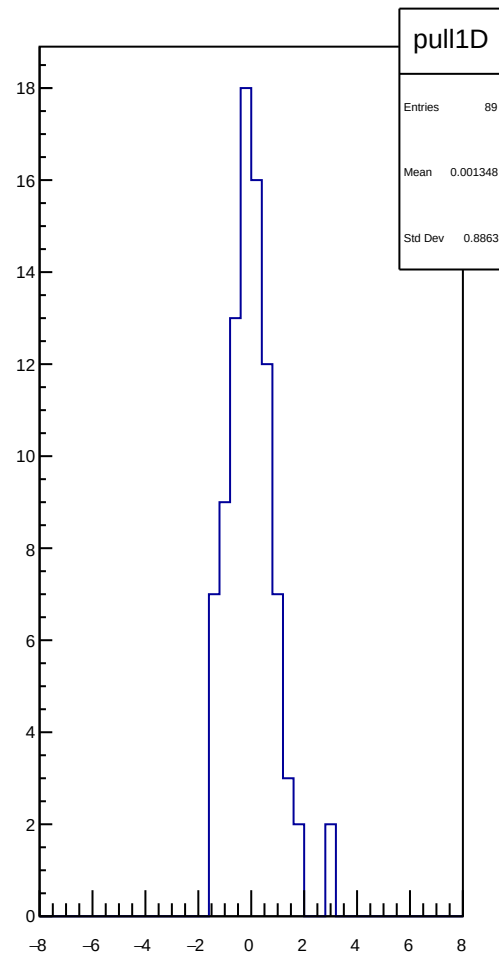
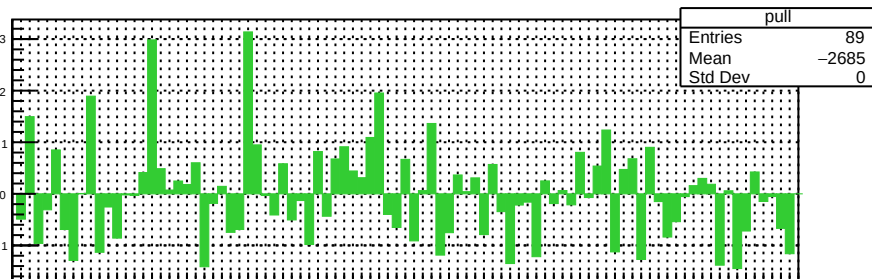
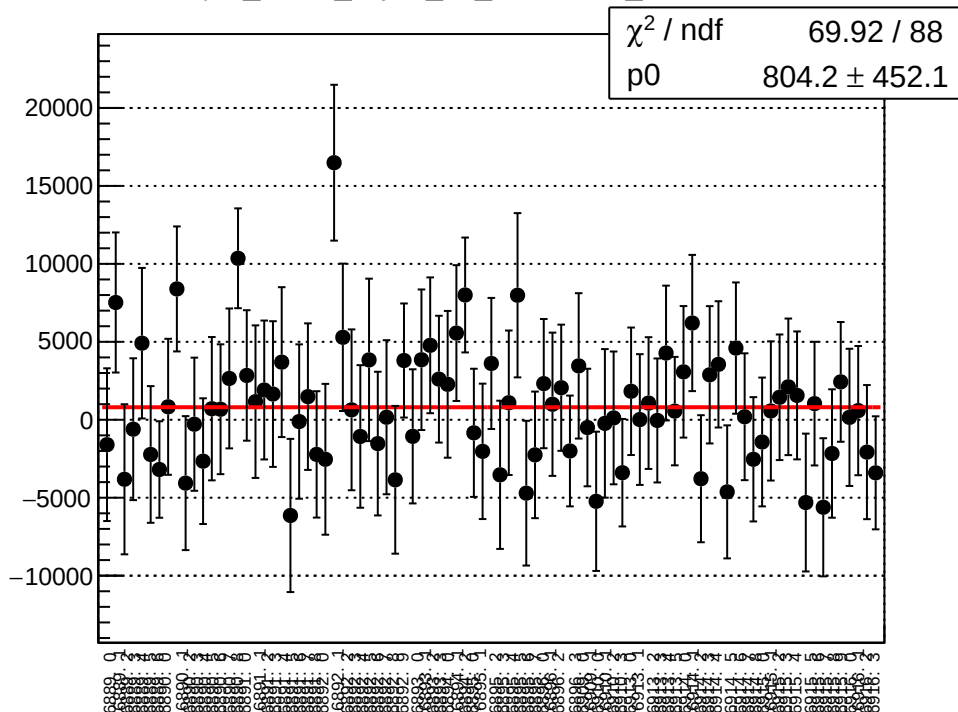
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66.87 ± 0.05081

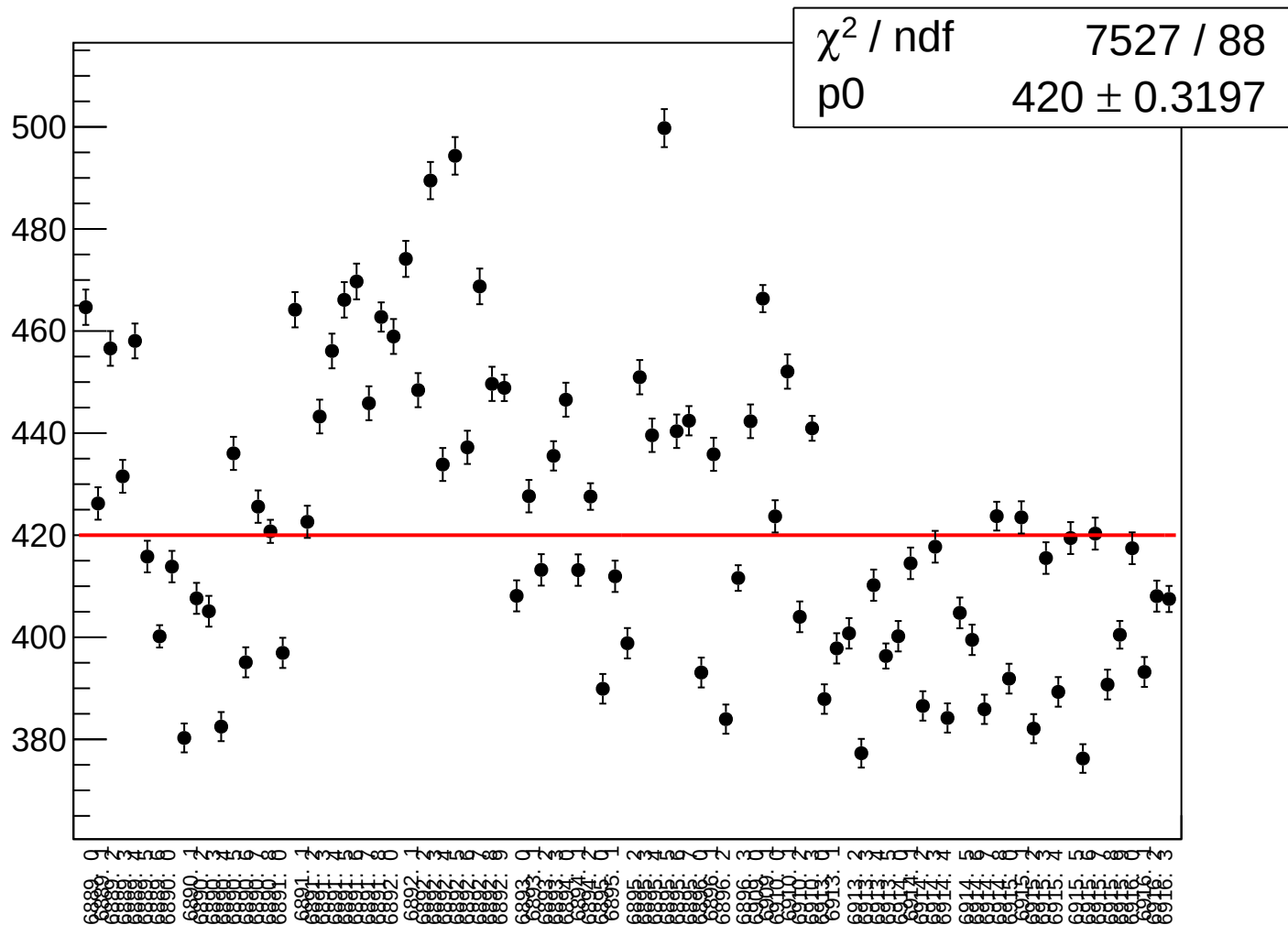


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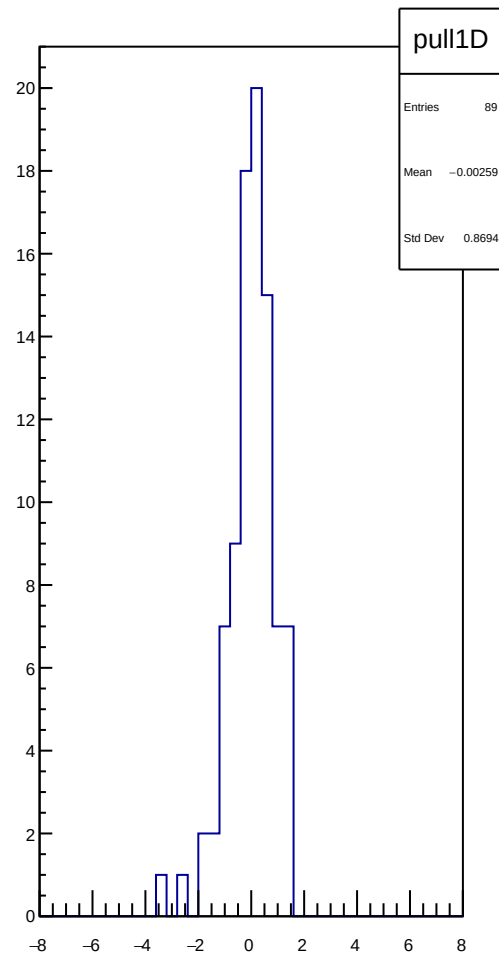
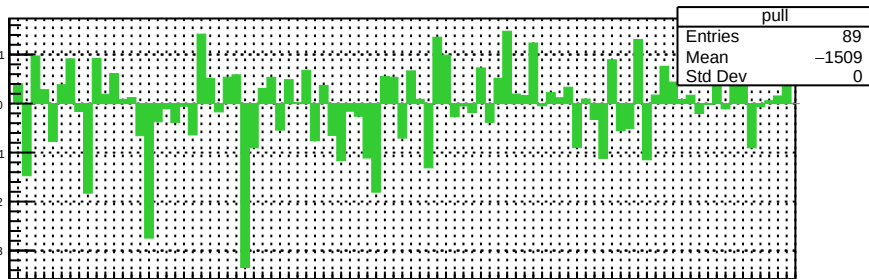
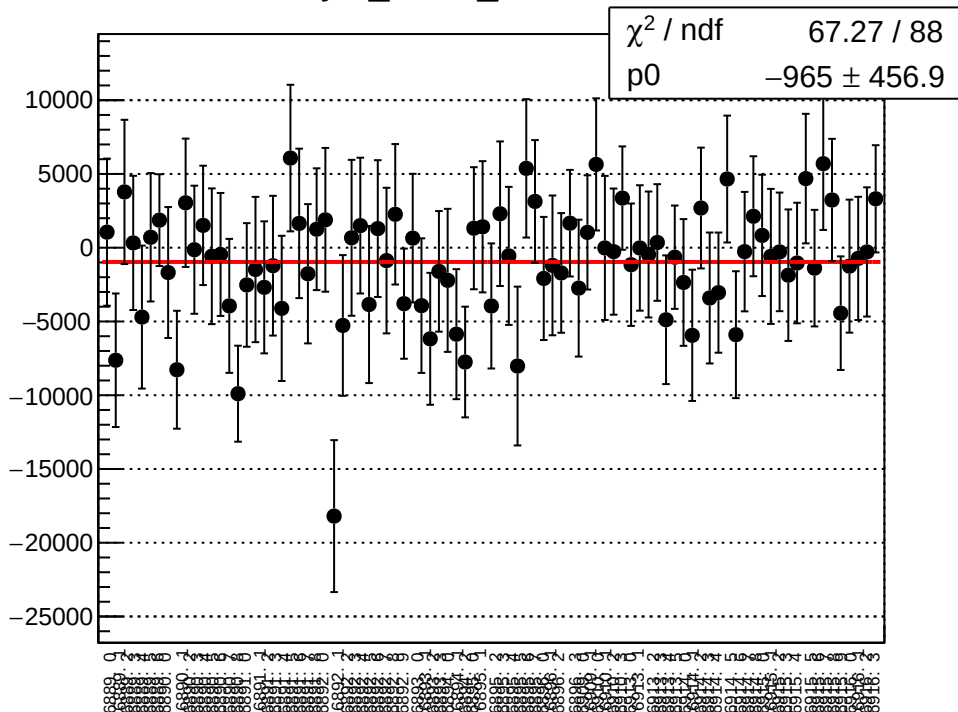
asym_sam7_eigen_dit_correction_mean vs run



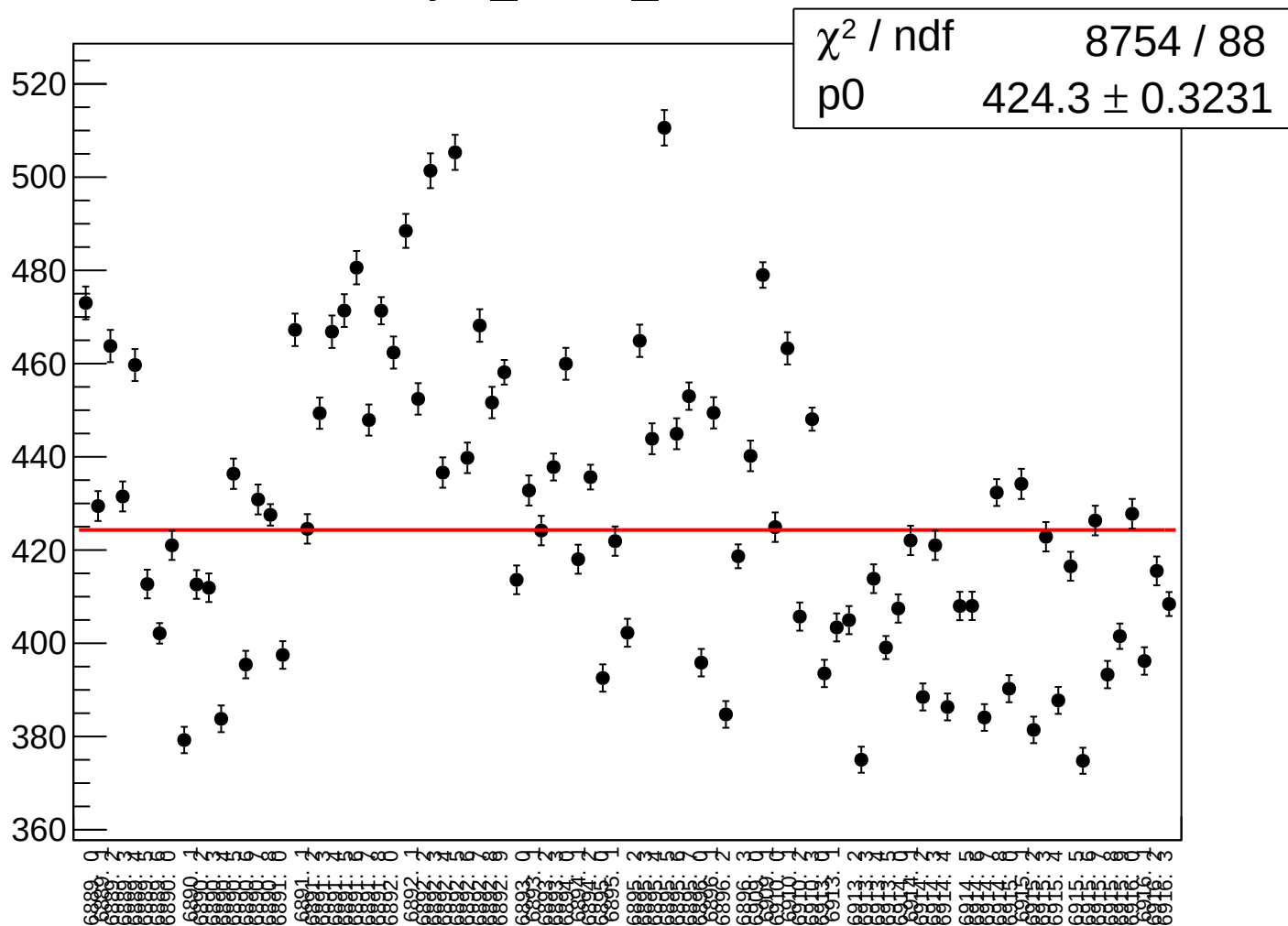
asym_sam7_eigen_dit_correction_rms vs run



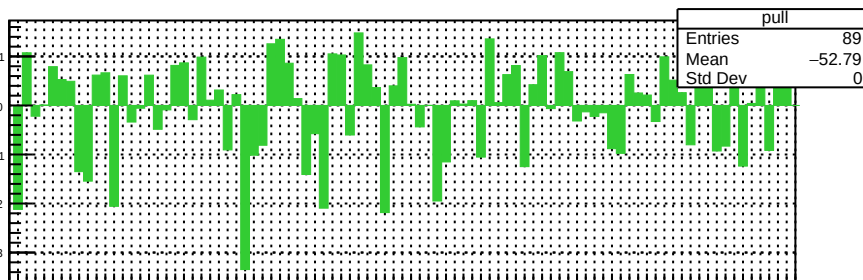
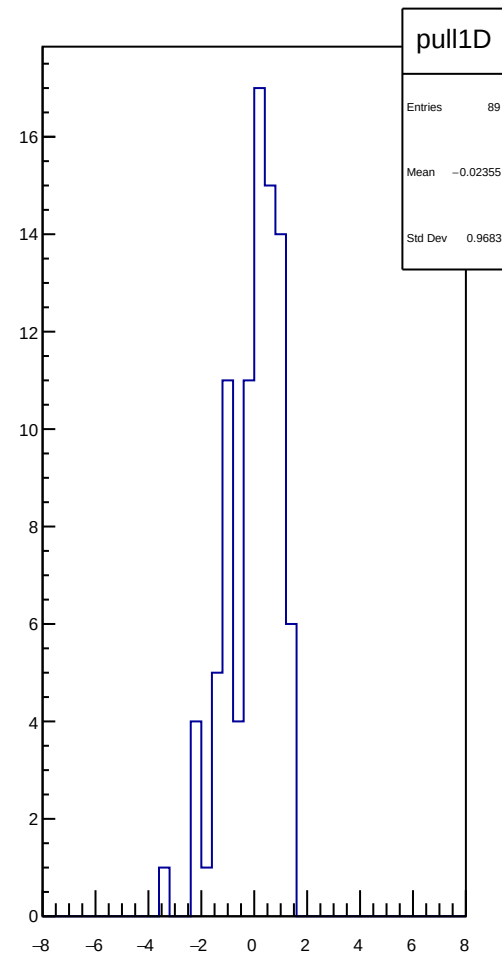
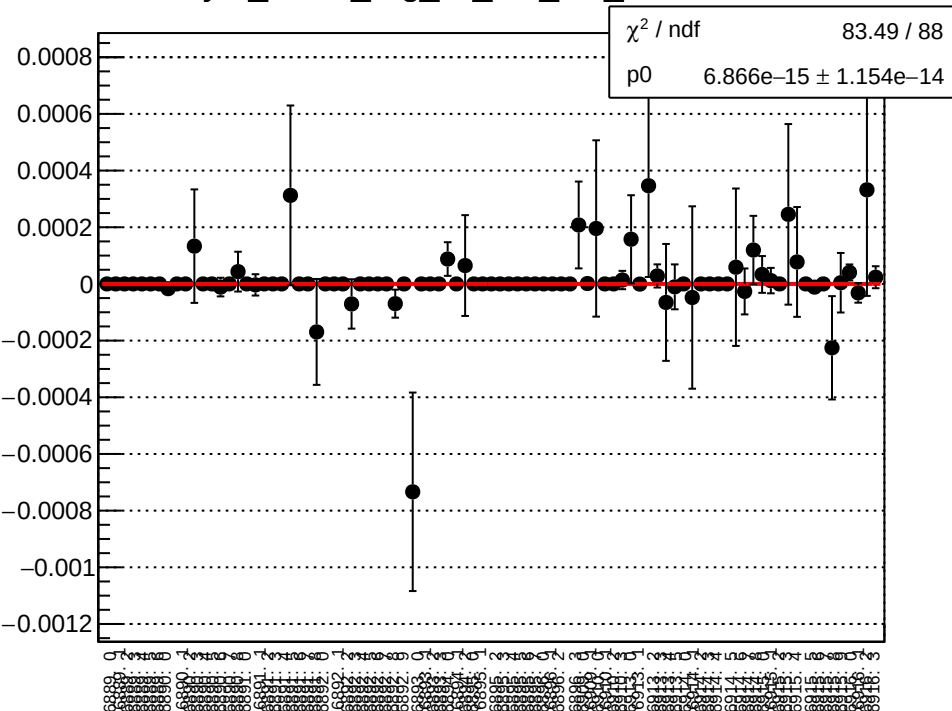
asym_sam7_mean vs run



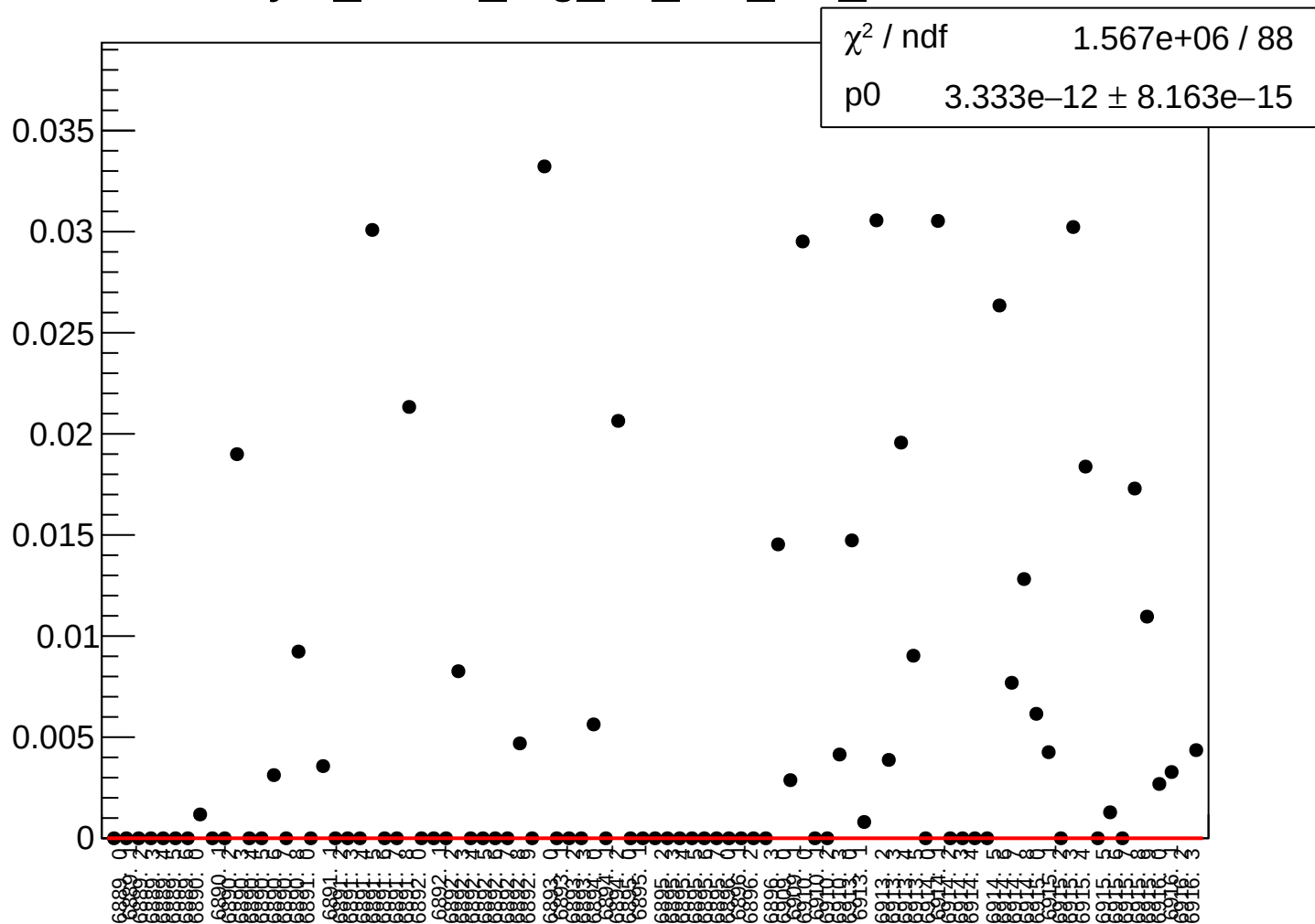
asym_sam7_rms vs run



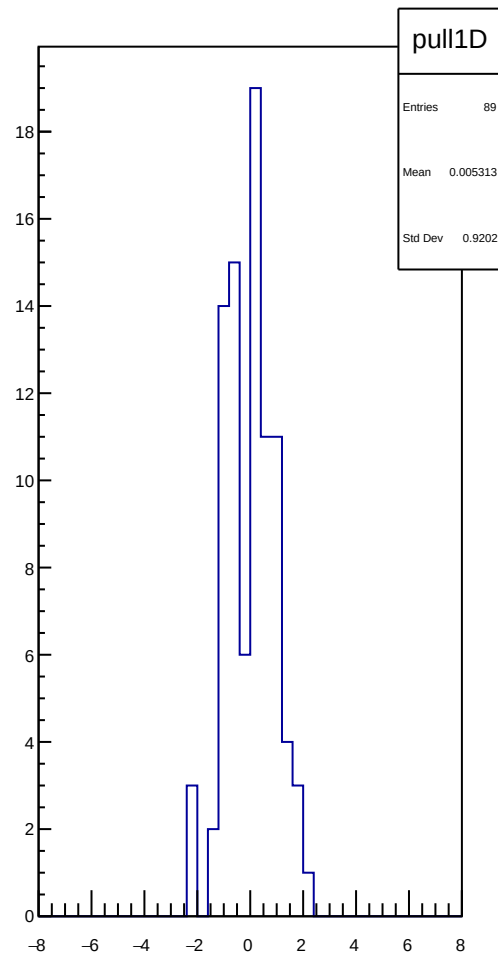
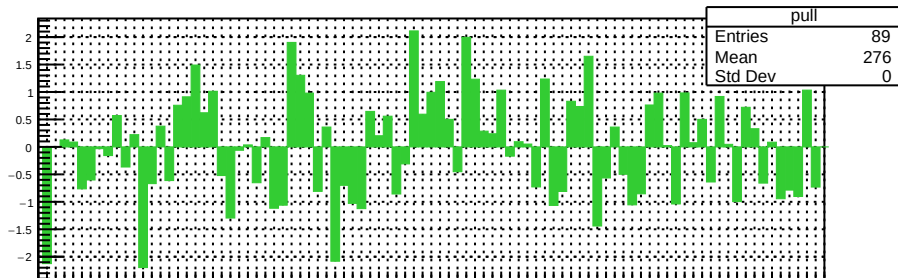
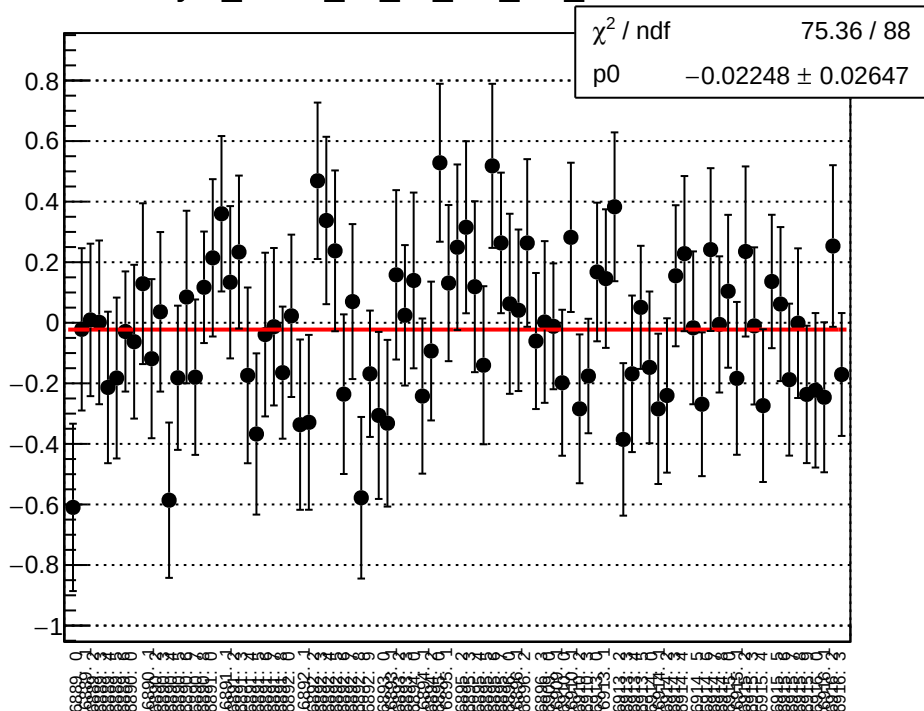
asym_sam7_reg_vs_cor_diff_mean vs run



asym_sam7_reg_vs_cor_diff_rms vs run



asym_sam7_dit_vs_cor_diff_mean vs run



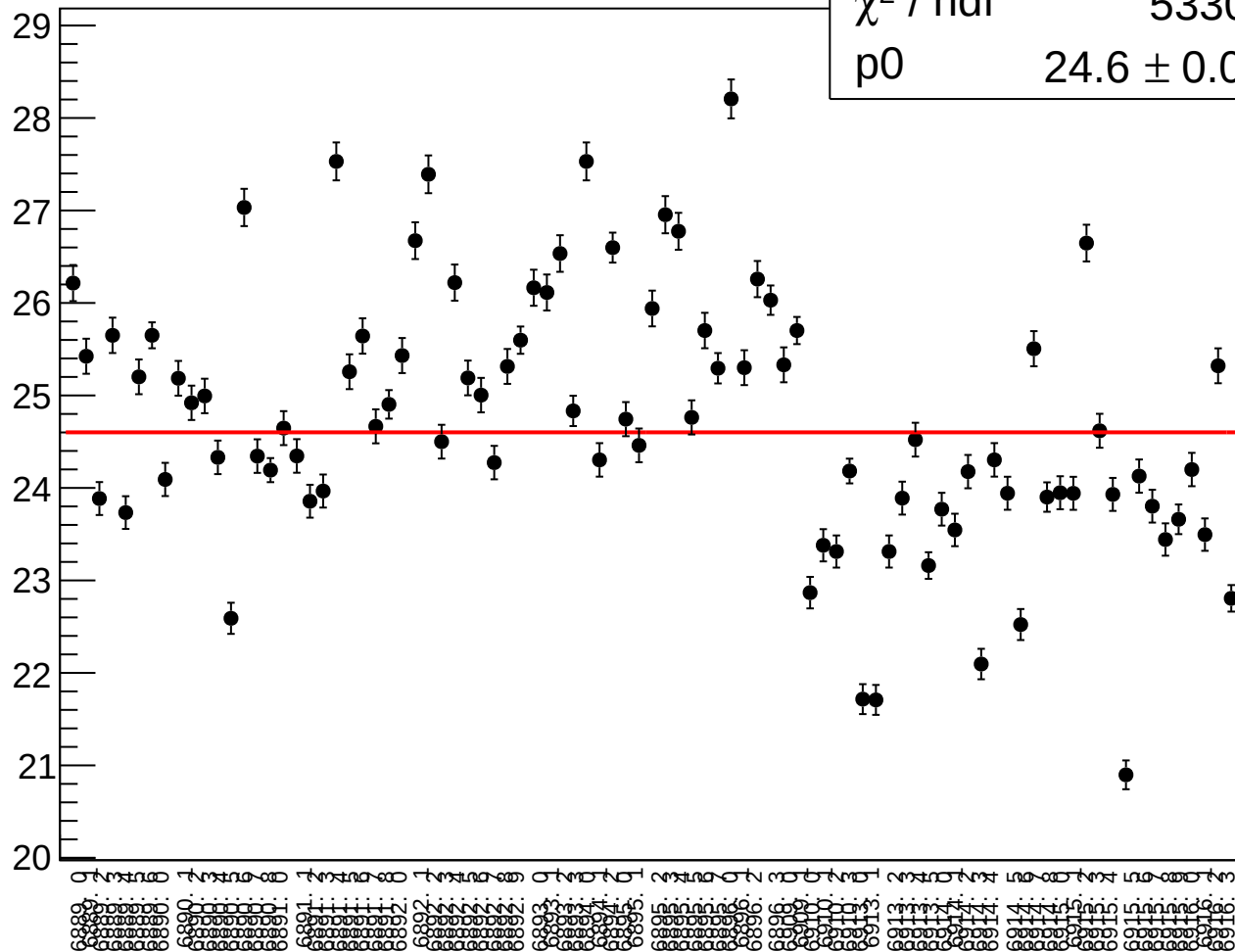
asym_sam7_dit_vs_cor_diff_rms vs run

χ^2 / ndf

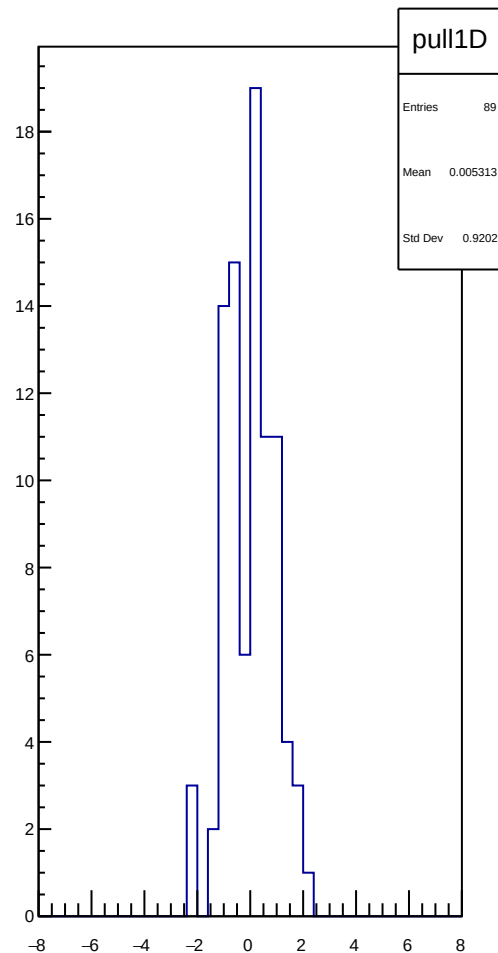
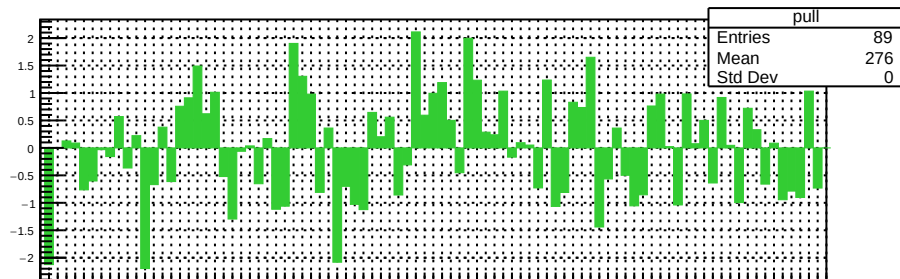
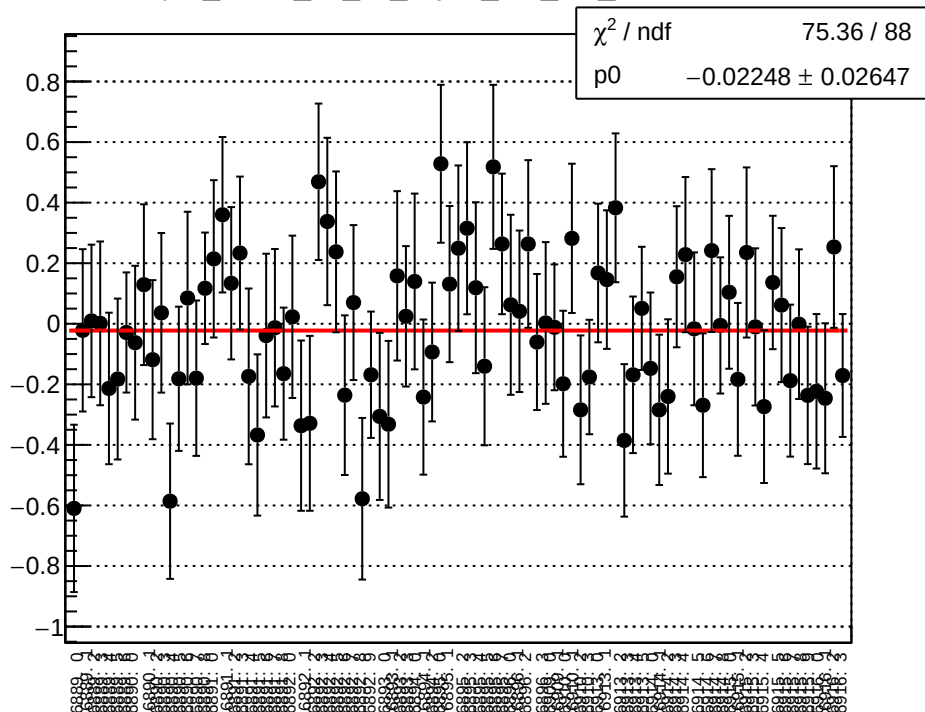
5330 / 88

p0

24.6 ± 0.01871



asym_sam7_dit_vs_eigen_cor_diff_mean vs run



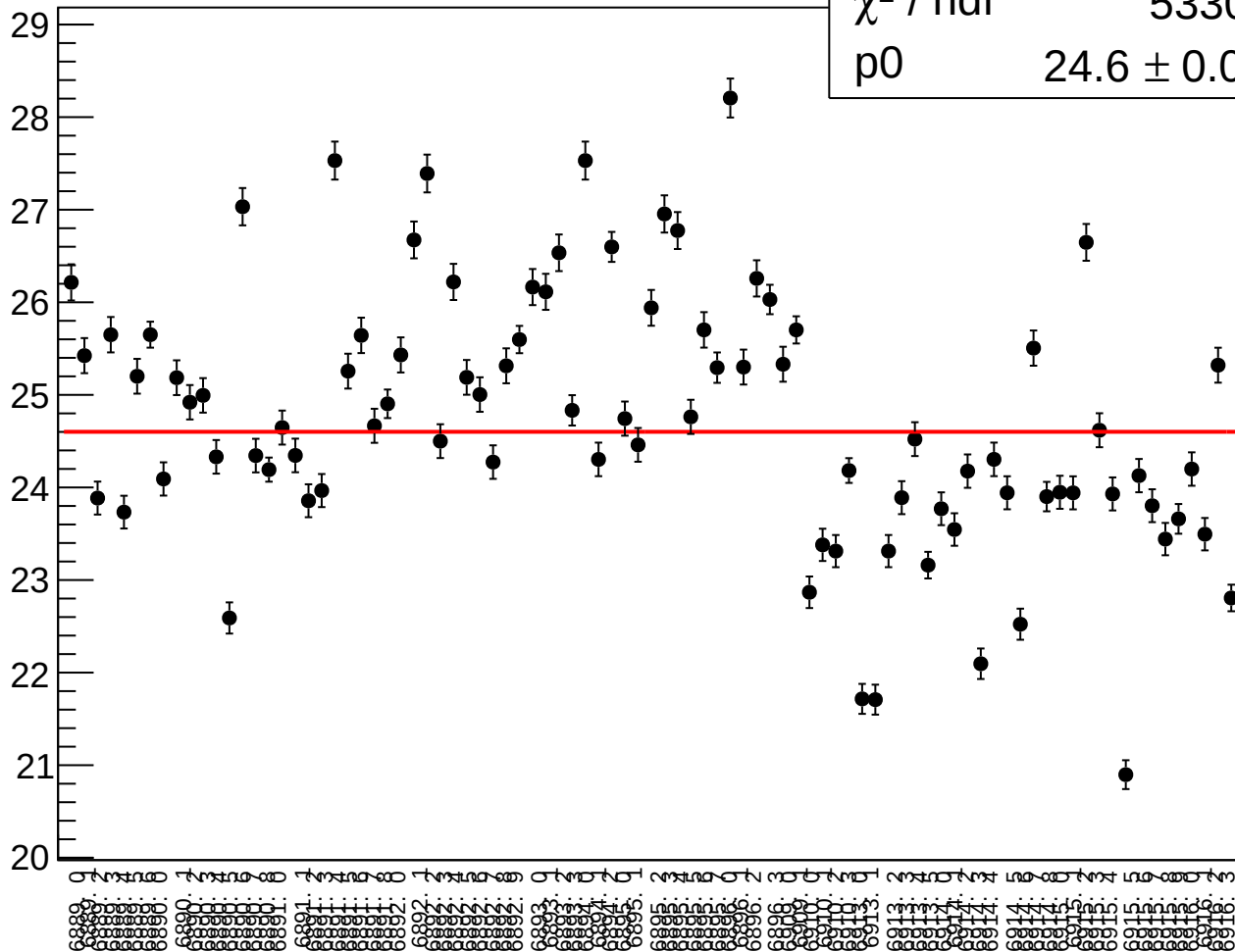
asym_sam7_dit_vs_eigen_cor_diff_rms vs run

χ^2 / ndf

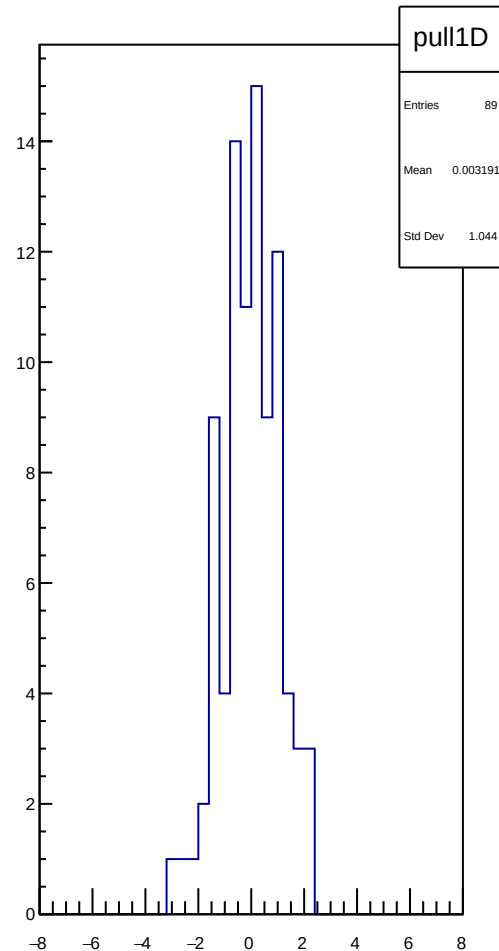
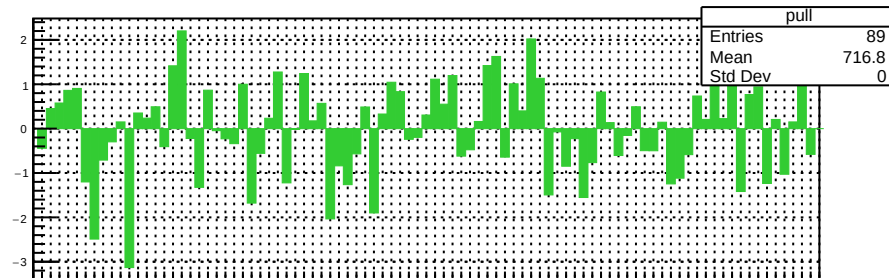
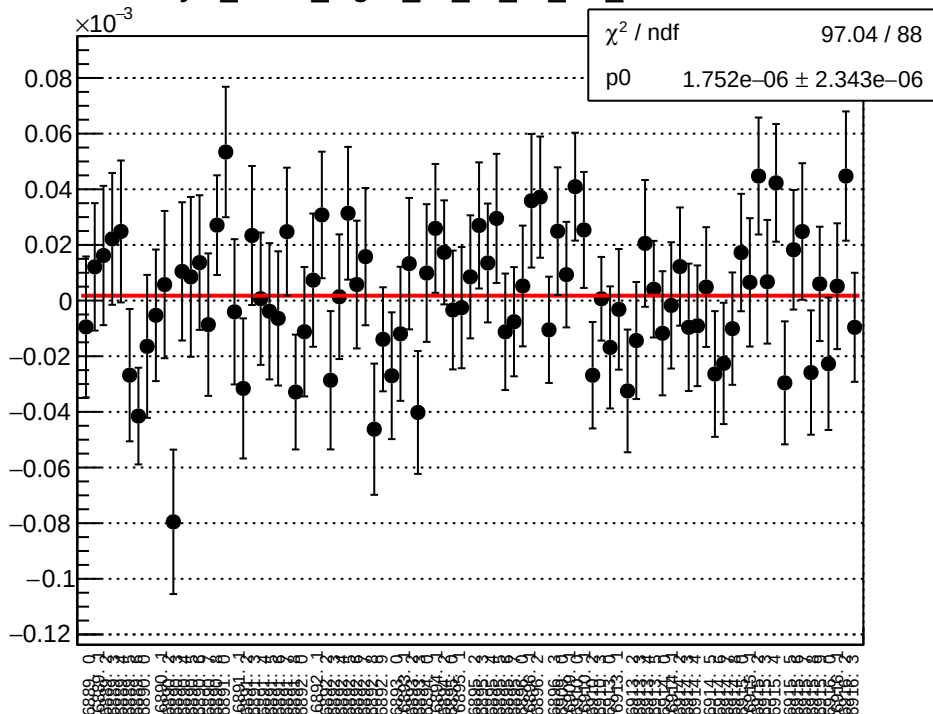
5330 / 88

p0

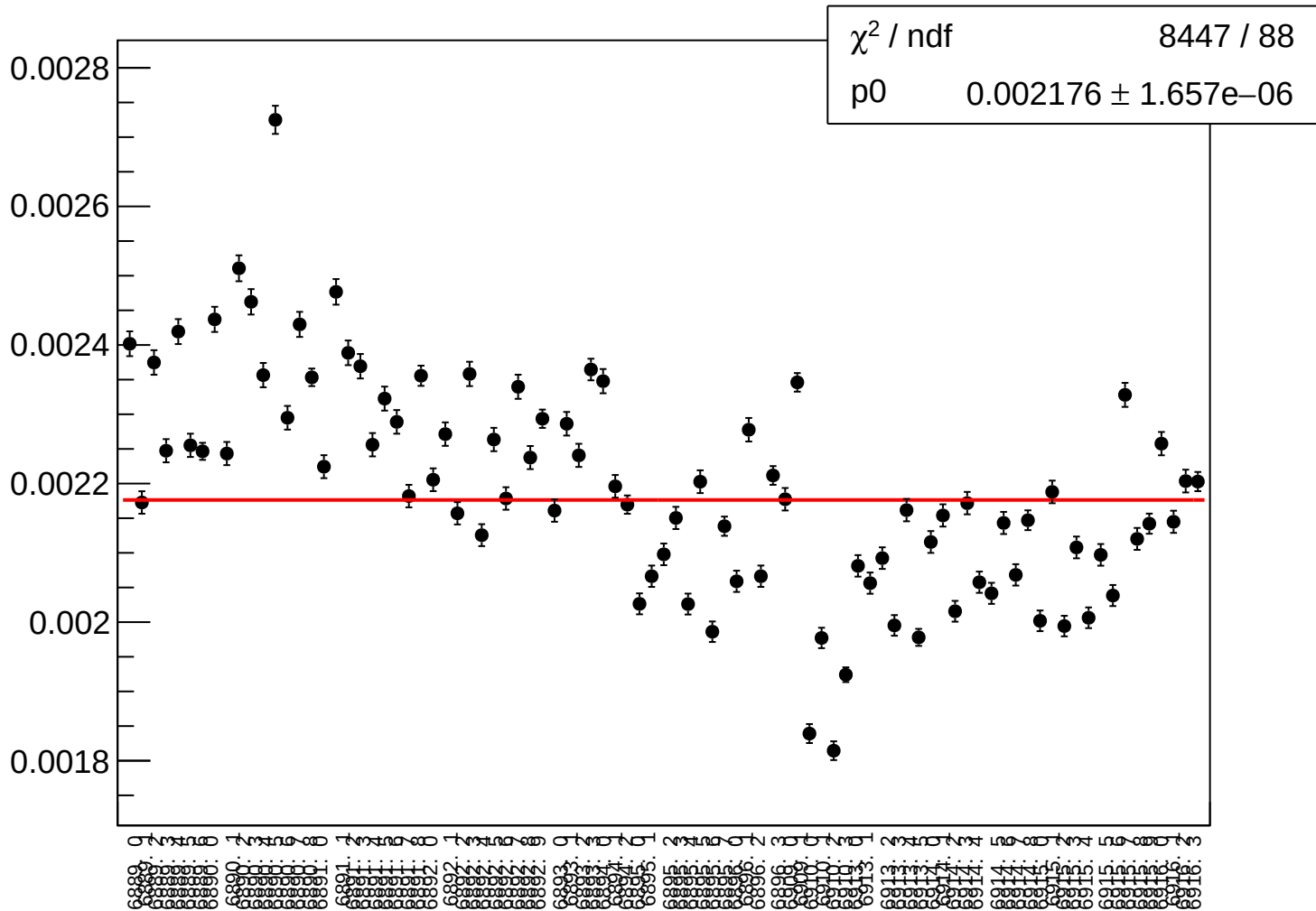
24.6 ± 0.01871



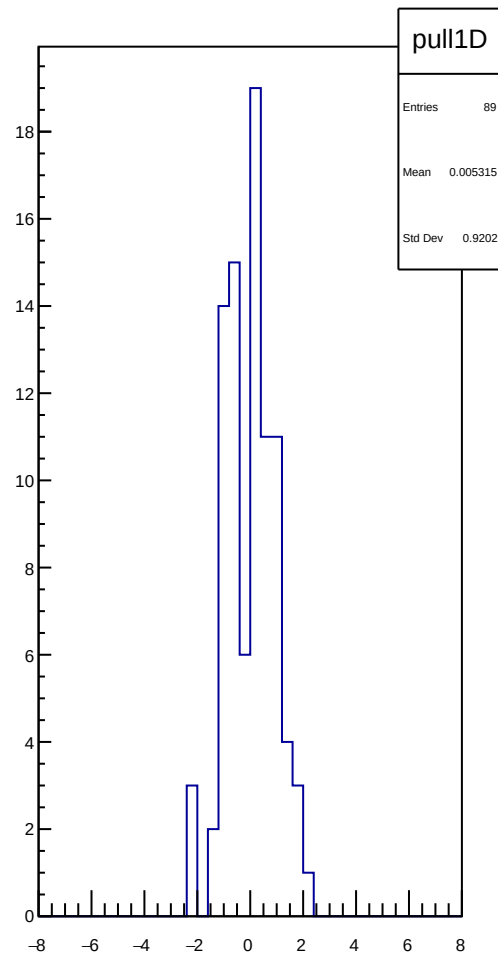
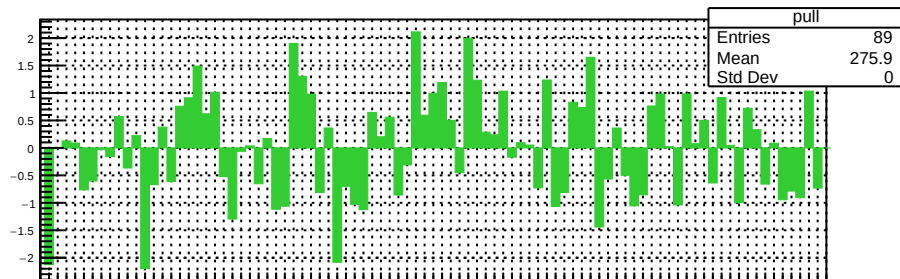
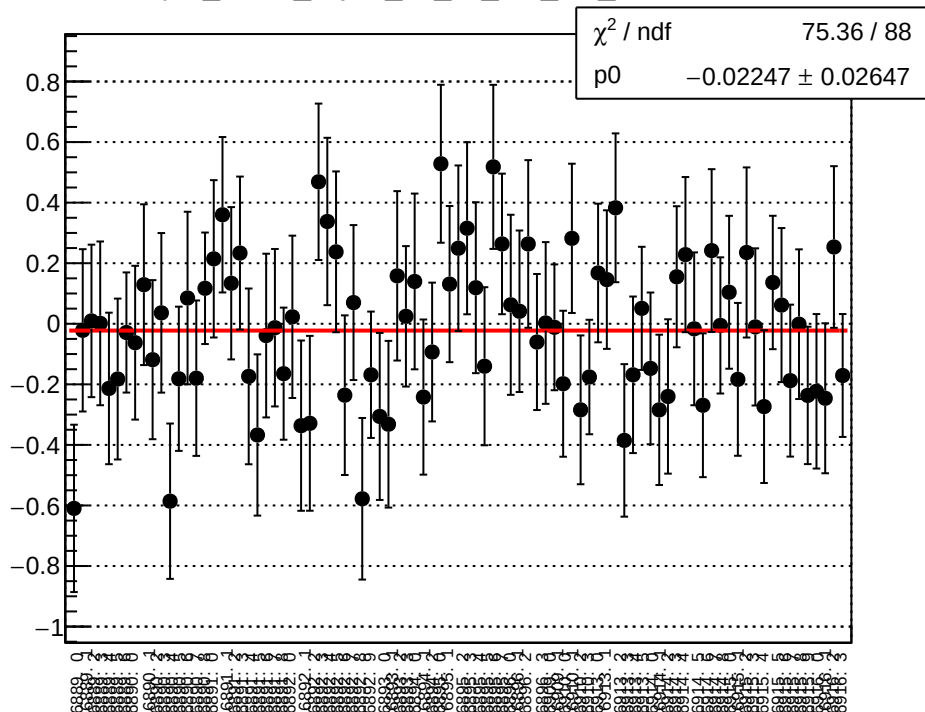
asym_sam7_eigen_dit_vs_dit_diff_mean vs run



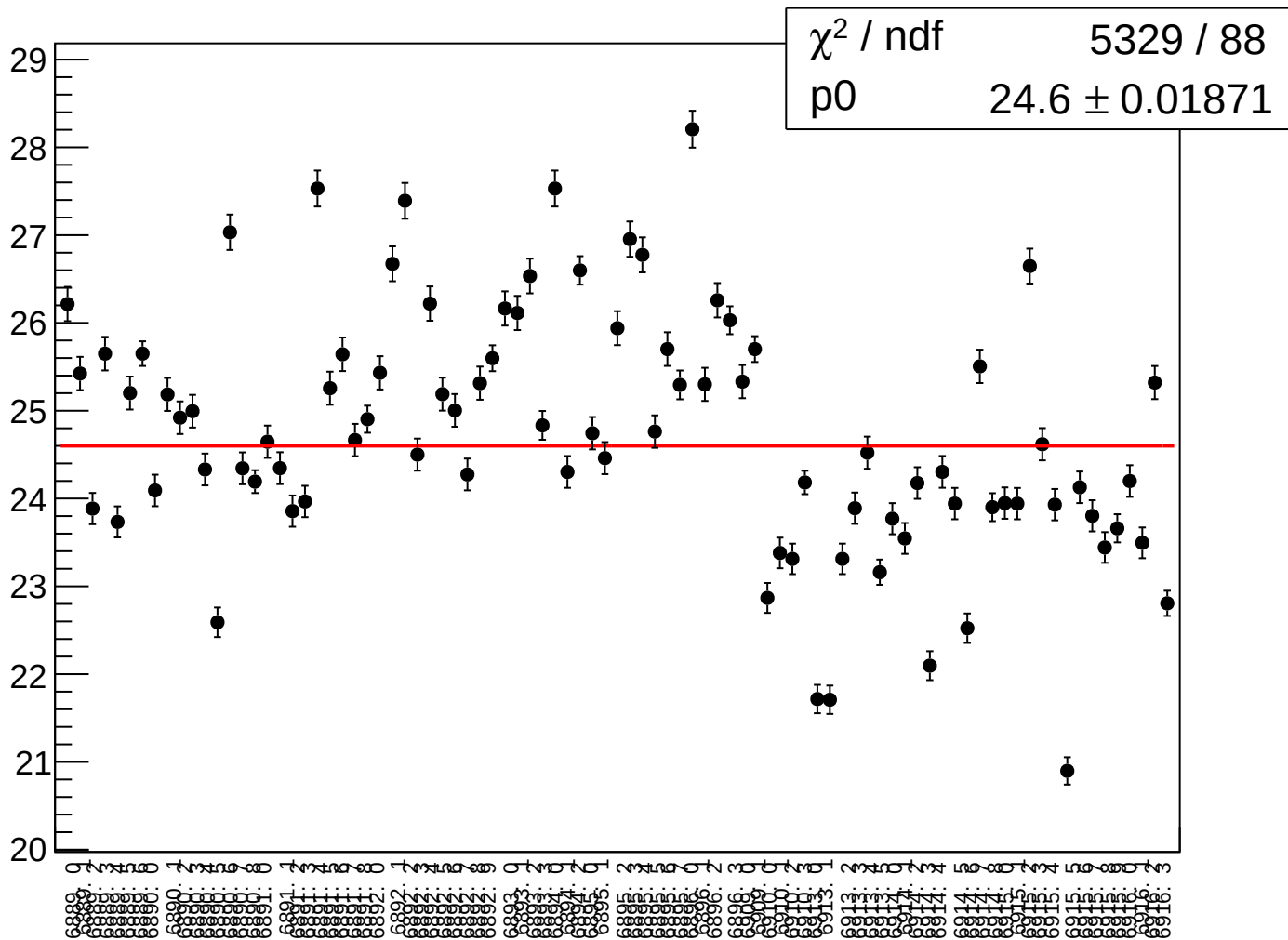
asym_sam7_eigen_dit_vs_dit_diff_rms vs run



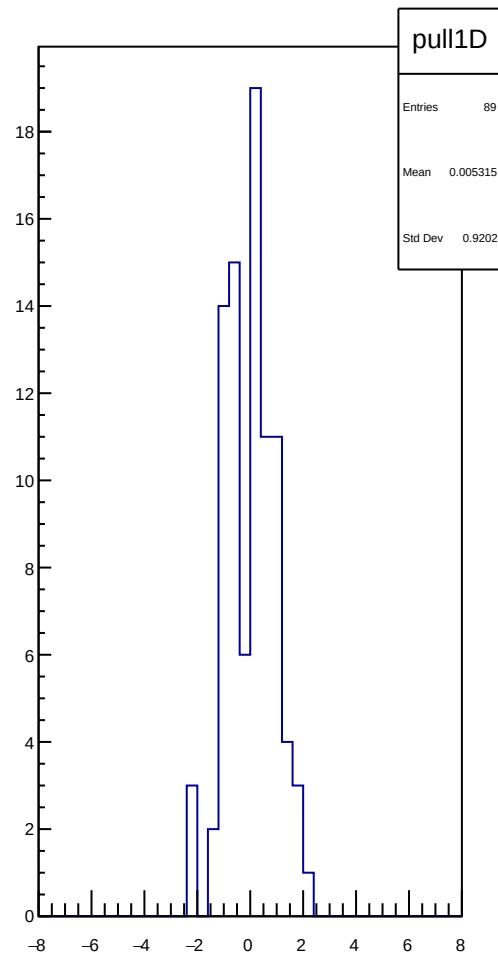
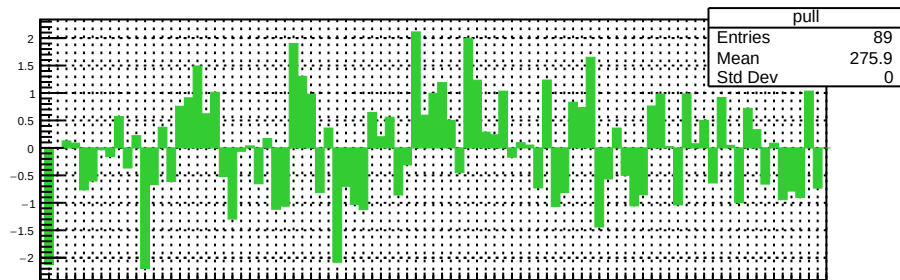
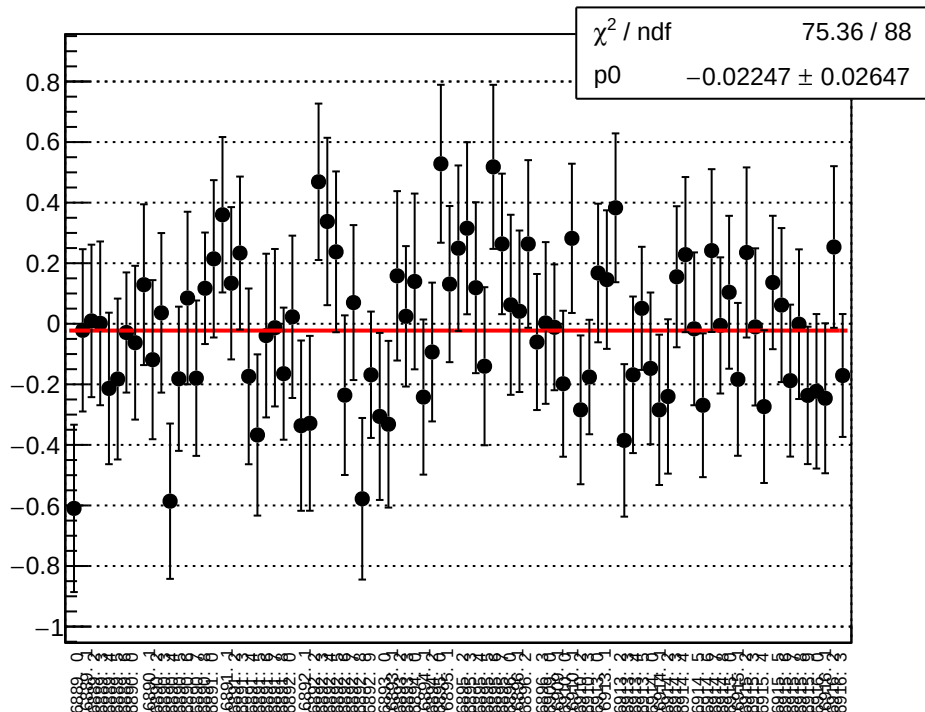
asym_sam7_eigen_dit_vs_cor_diff_mean vs run



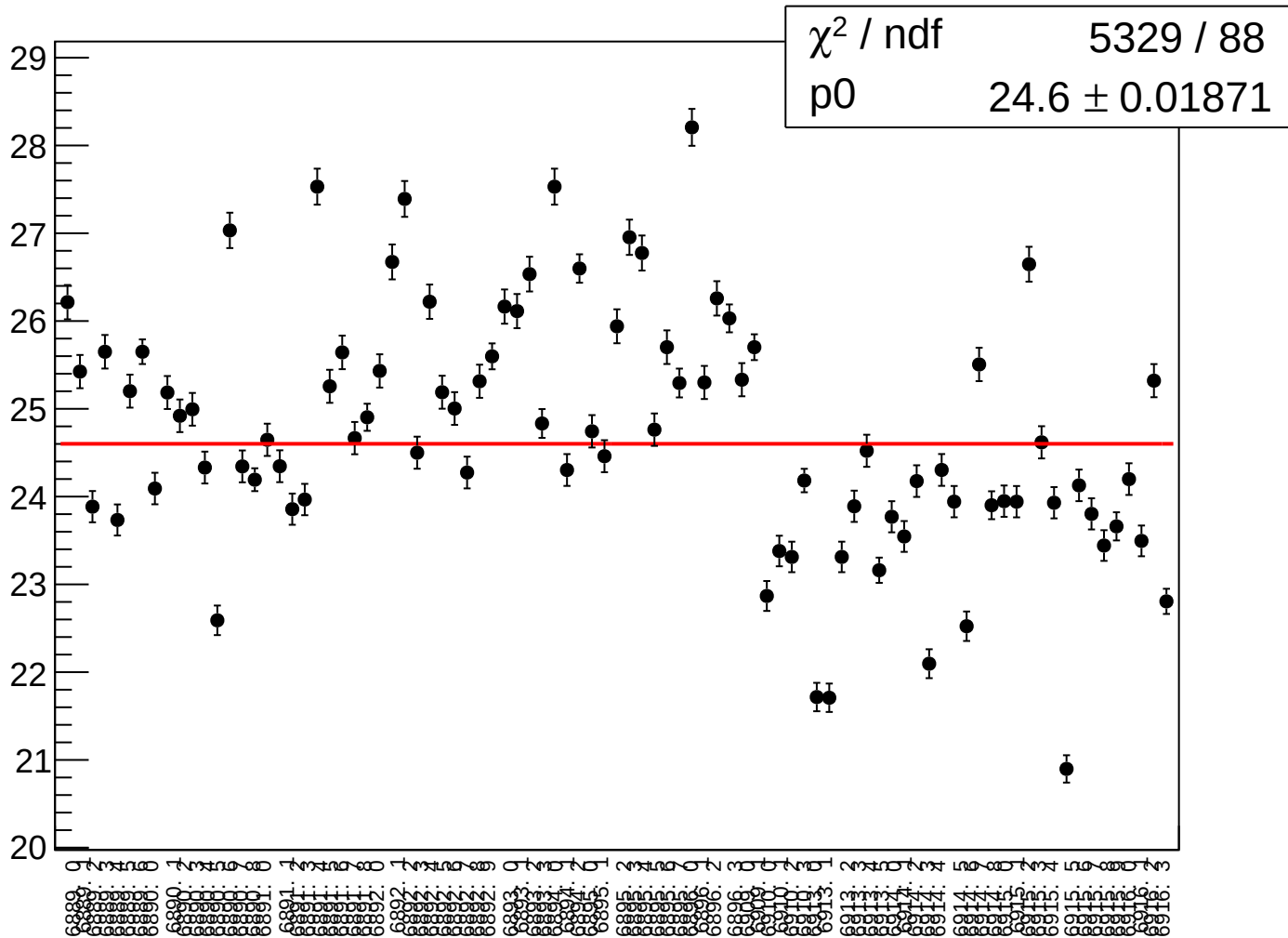
asym_sam7_eigen_dit_vs_cor_diff_rms vs run



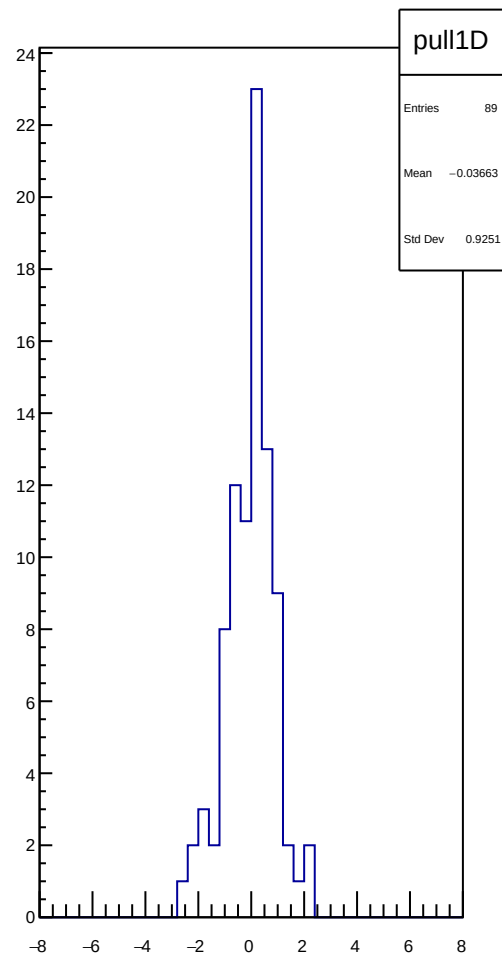
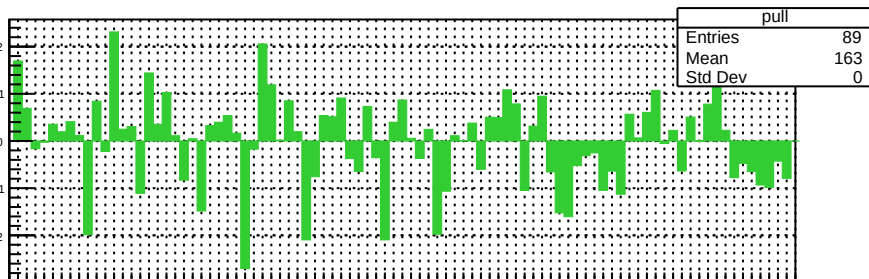
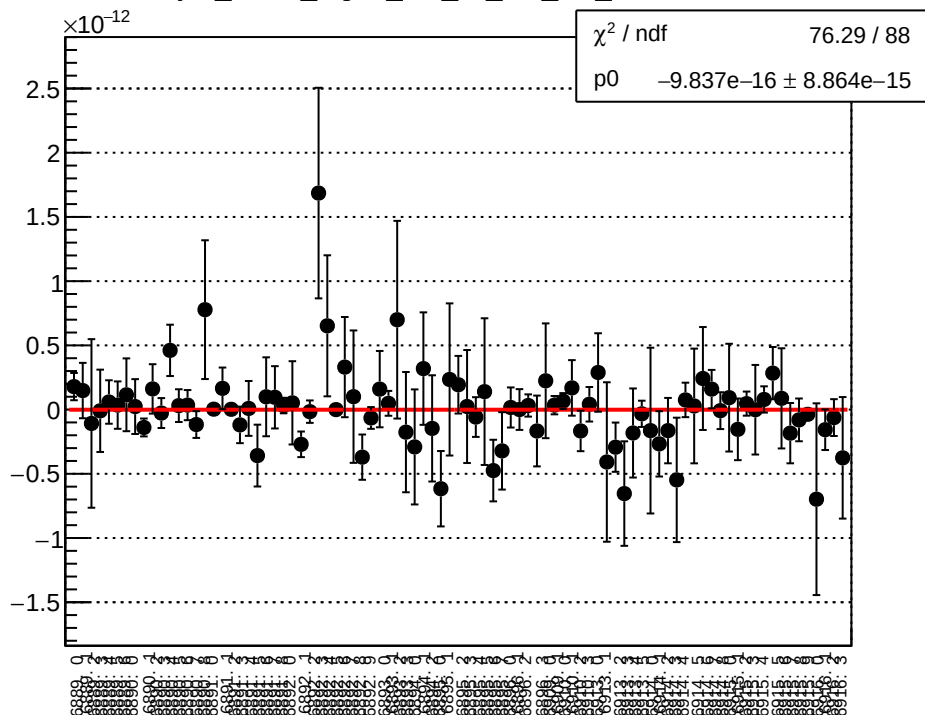
asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs run



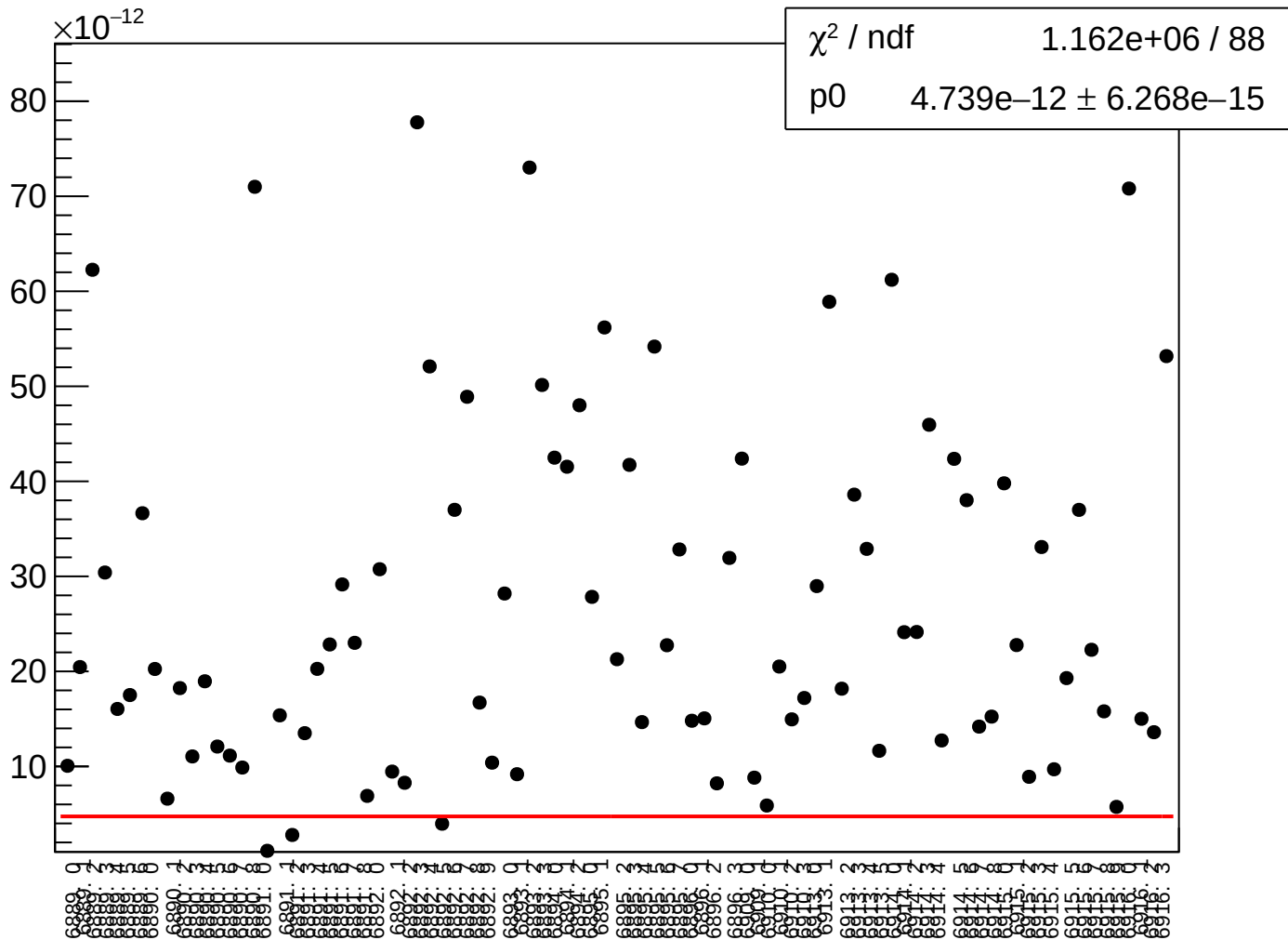
asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs run



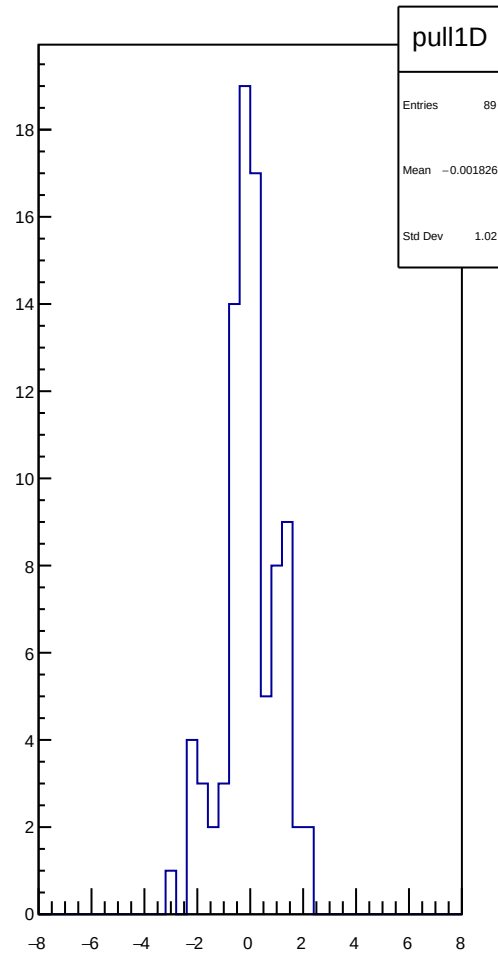
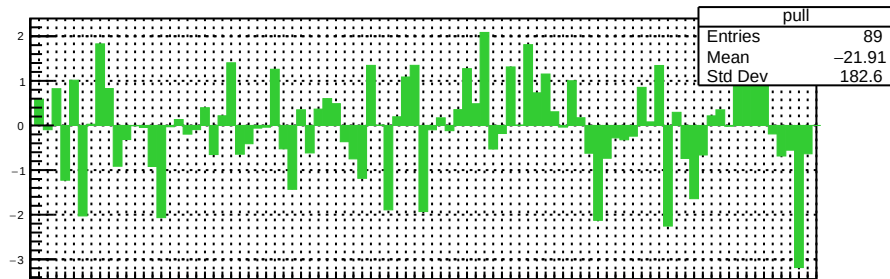
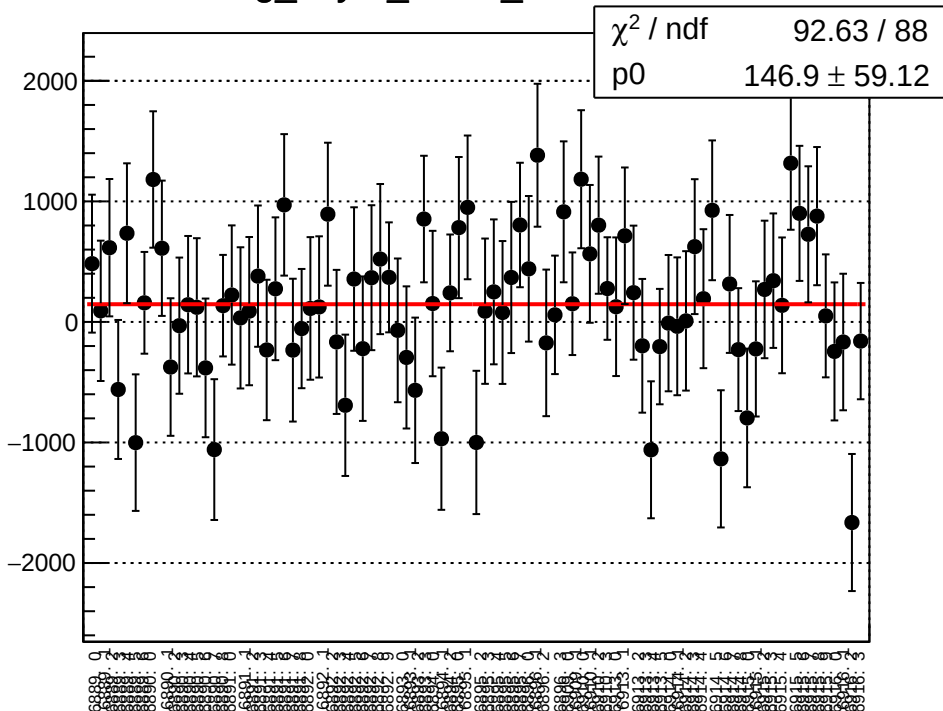
asym_sam7_eigen_cor_vs_cor_diff_mean vs run



asym_sam7_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam8_mean vs run



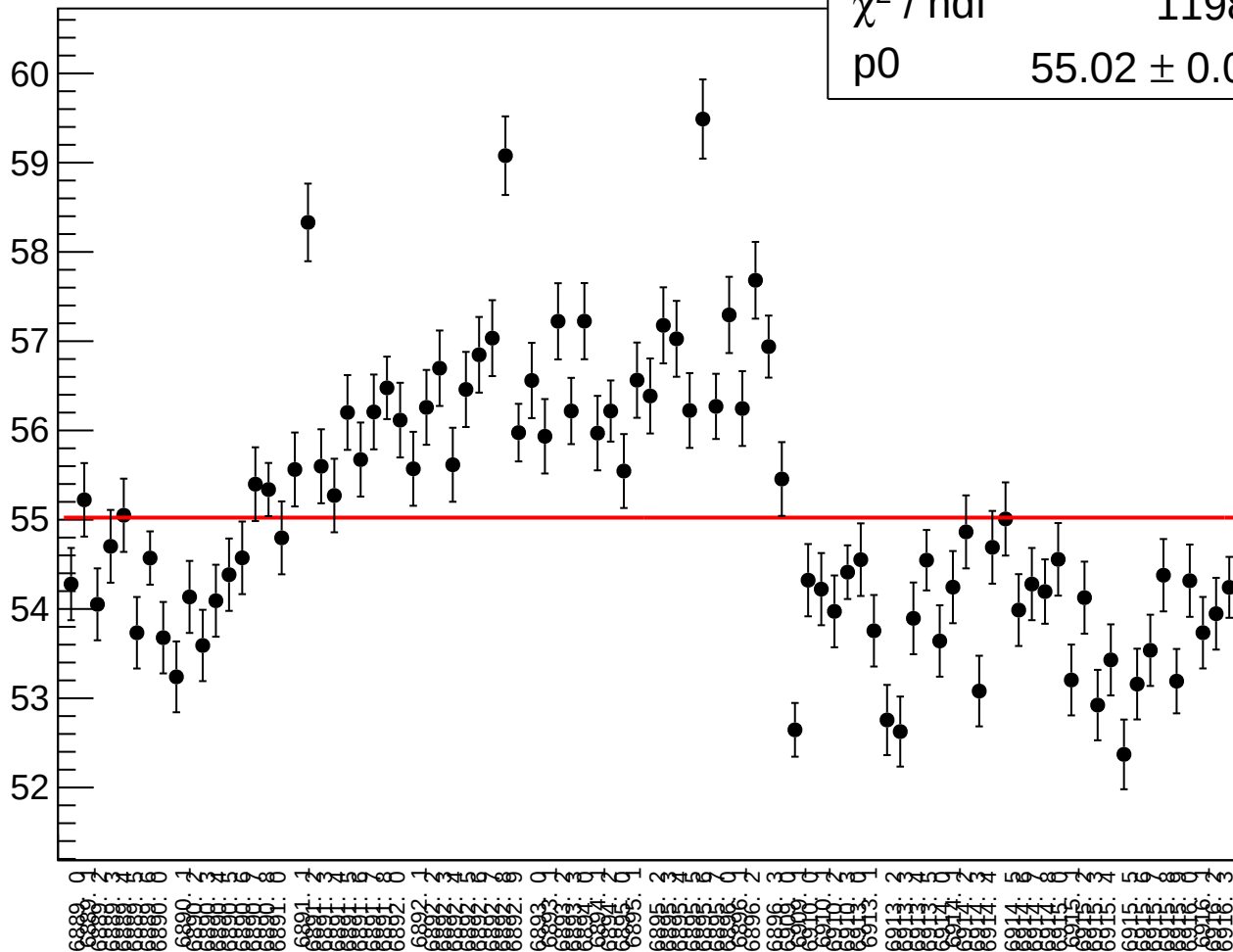
reg_asym_sam8_rms vs run

χ^2 / ndf

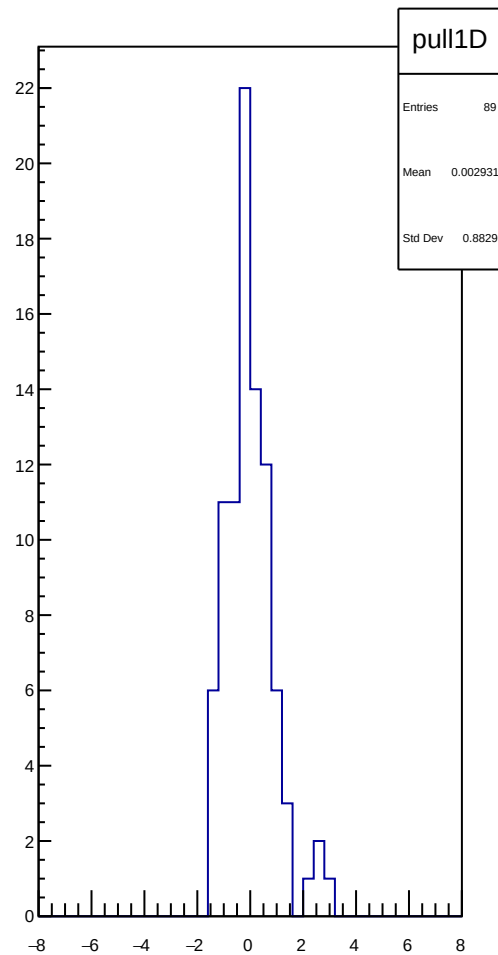
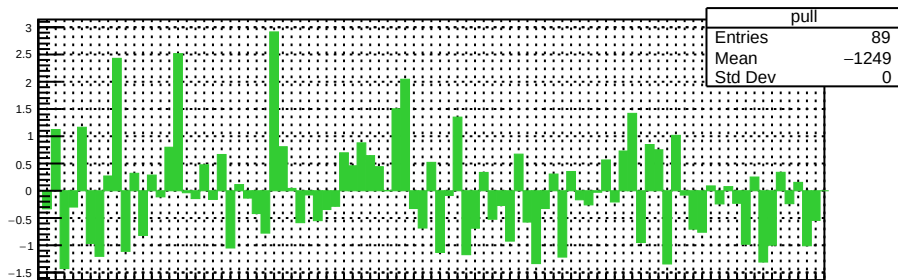
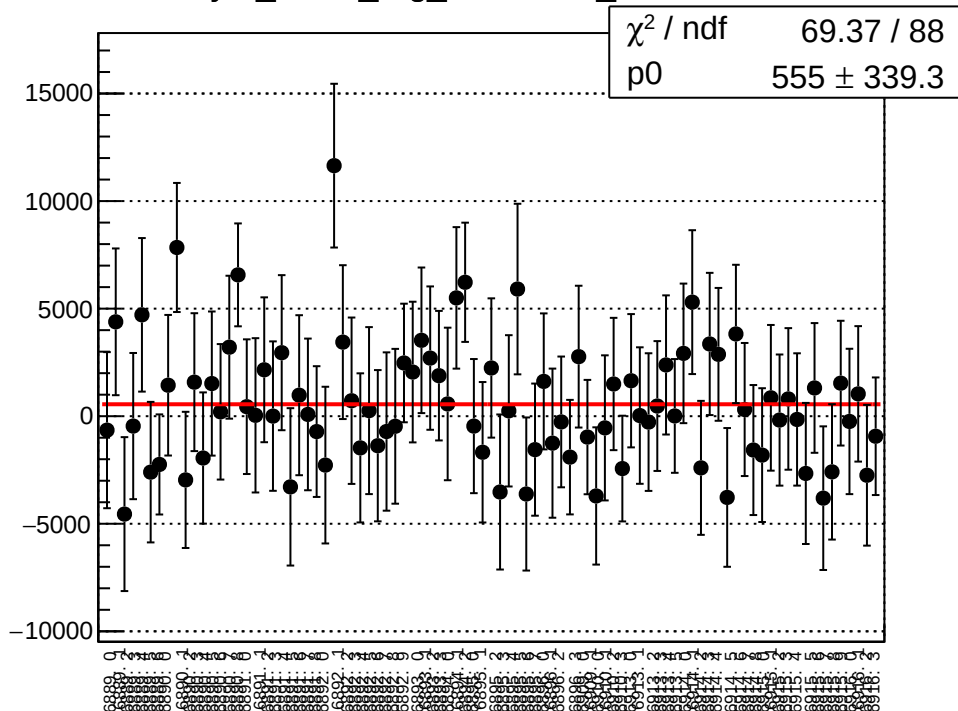
1198 / 88

p0

55.02 ± 0.04181



asym_sam8_reg_correction_mean vs run



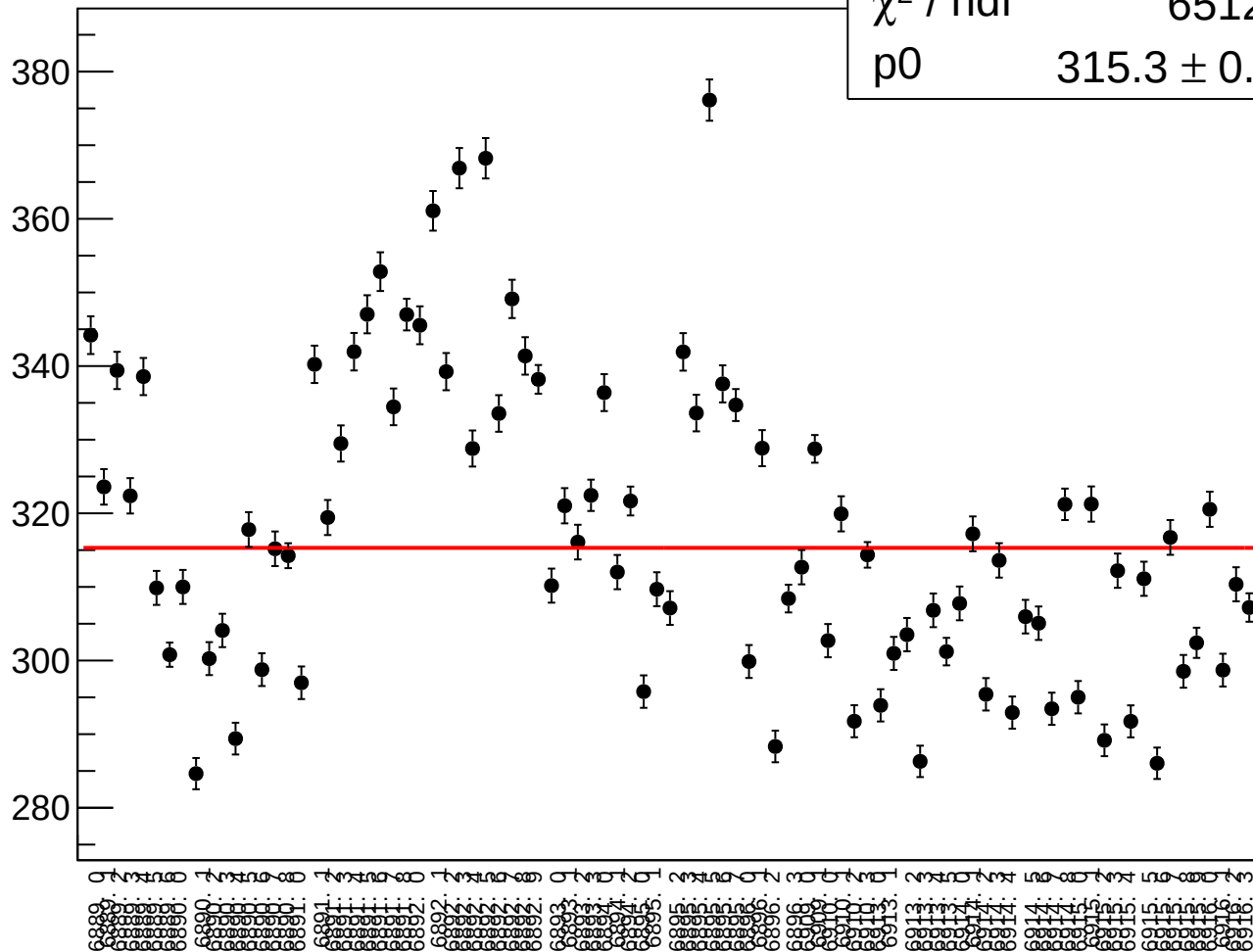
asym_sam8_reg_correction_rms vs run

χ^2 / ndf

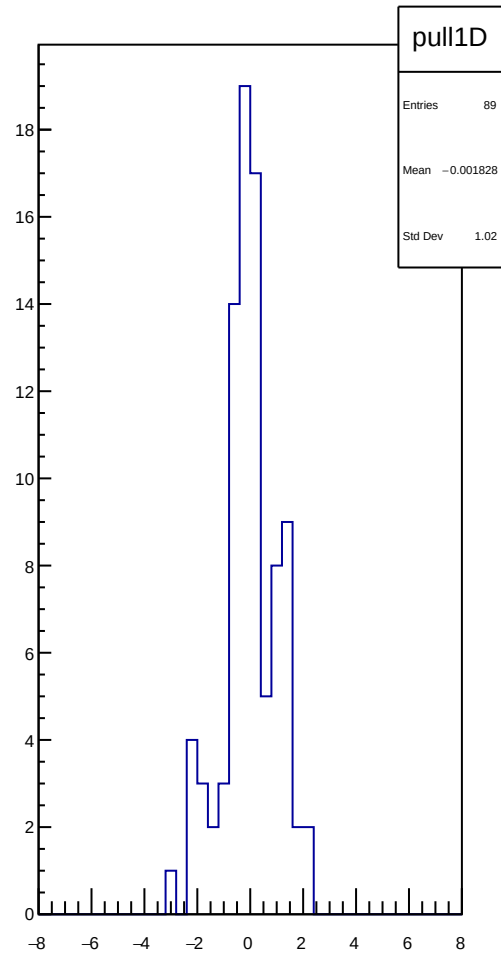
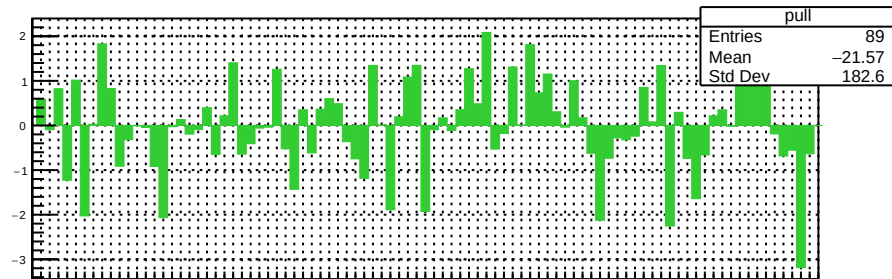
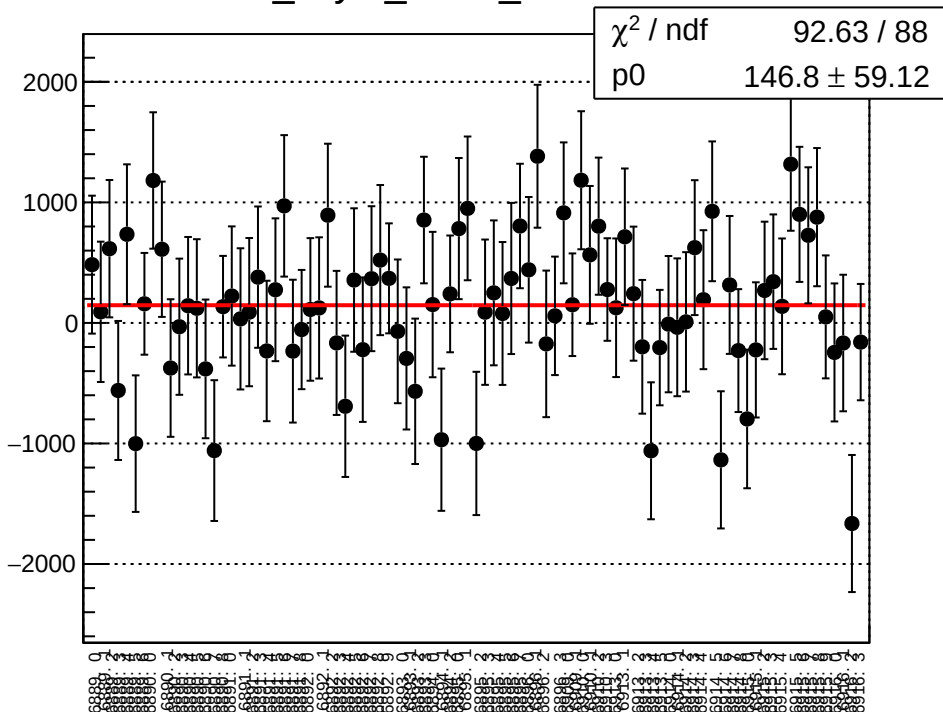
6512 / 88

p0

315.3 ± 0.2399



cor_asym_sam8_mean vs run



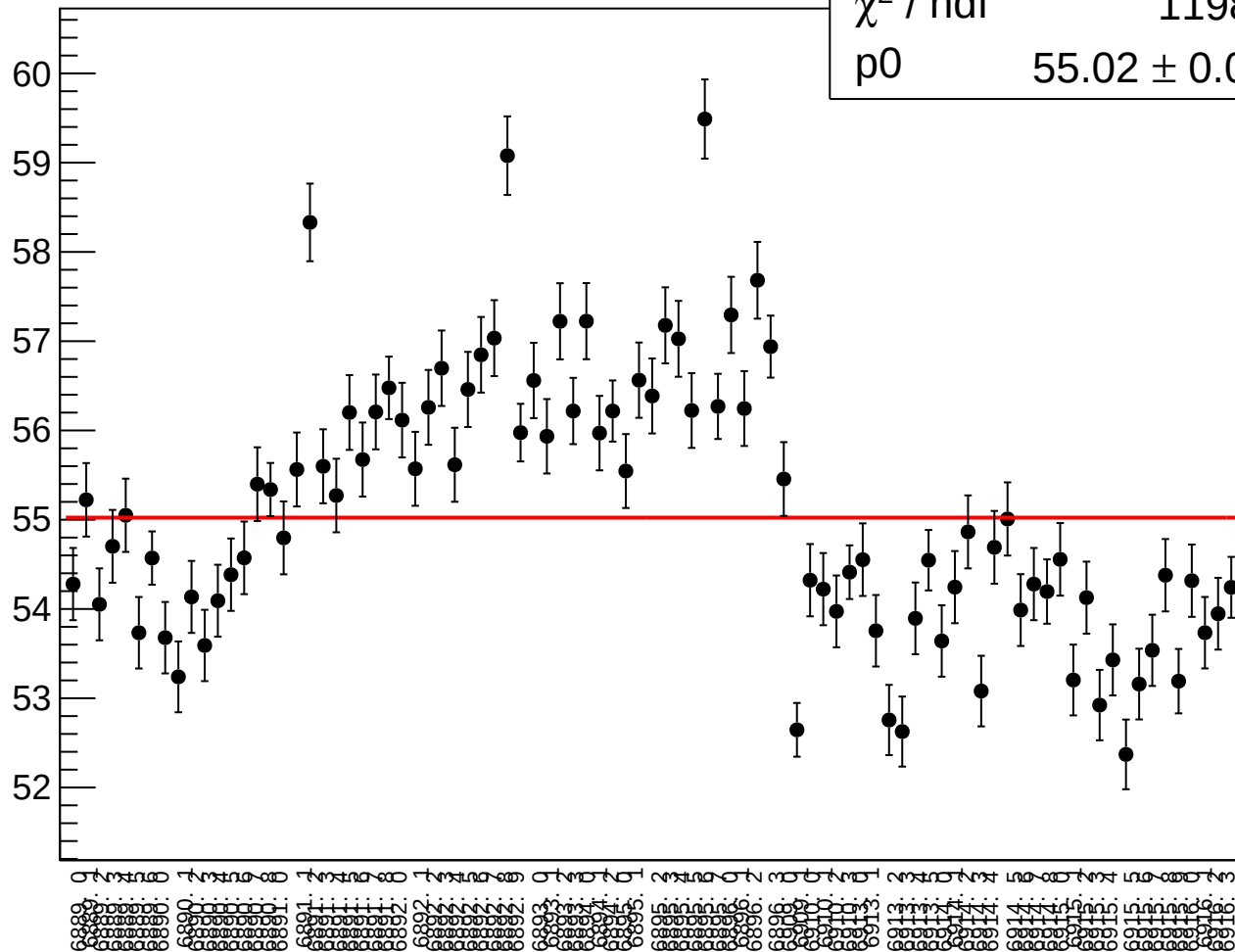
cor_asym_sam8_rms vs run

χ^2 / ndf

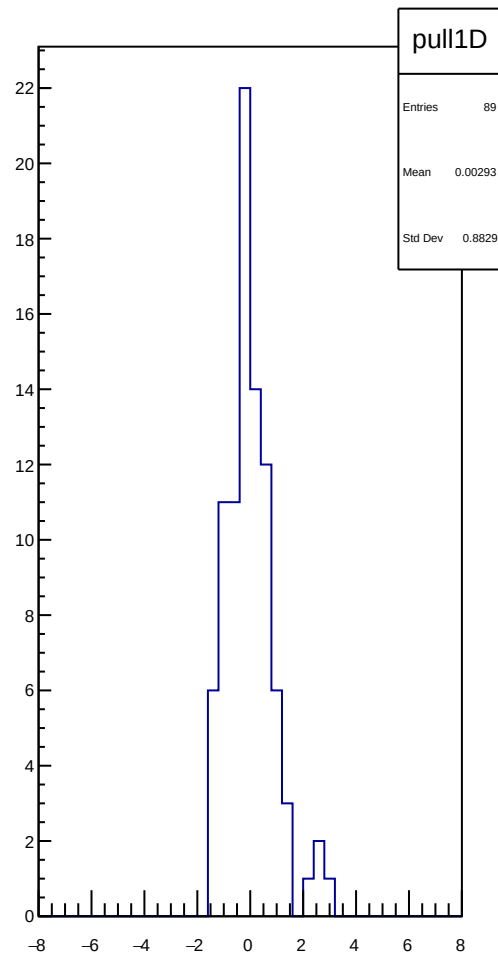
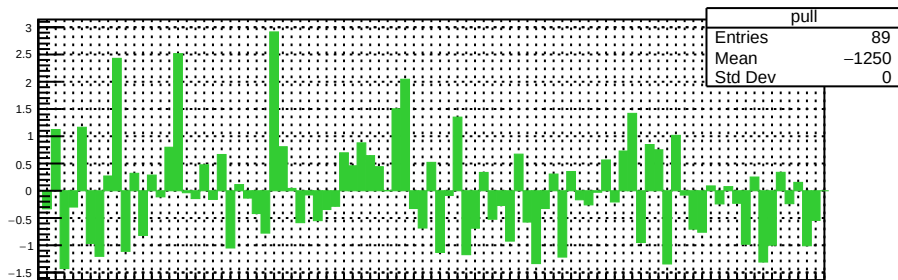
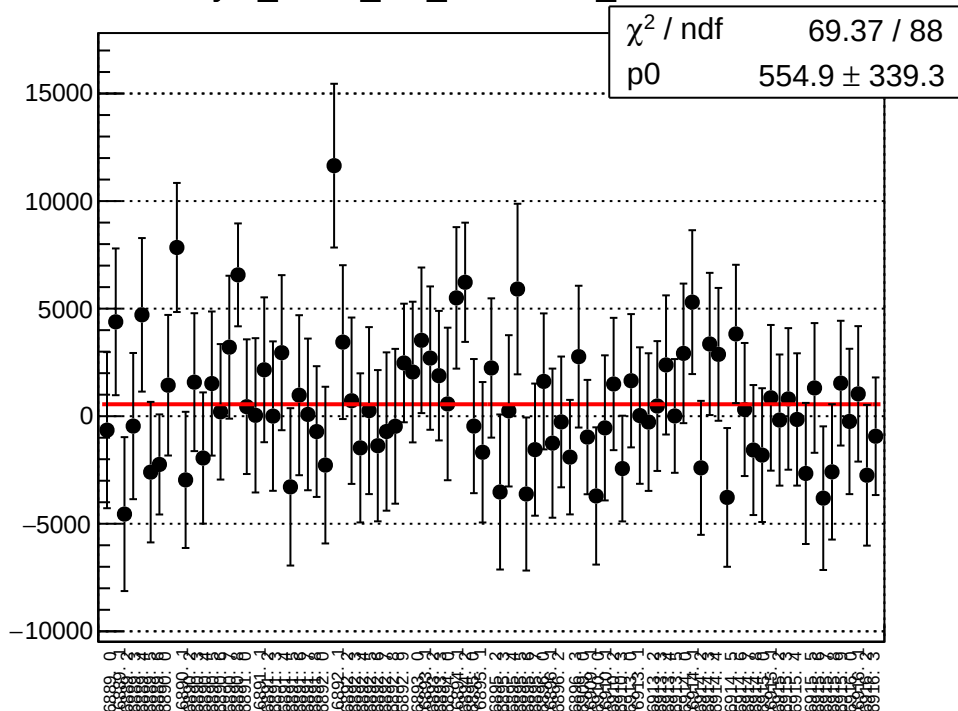
1198 / 88

p0

55.02 ± 0.04181



asym_sam8_cor_correction_mean vs run



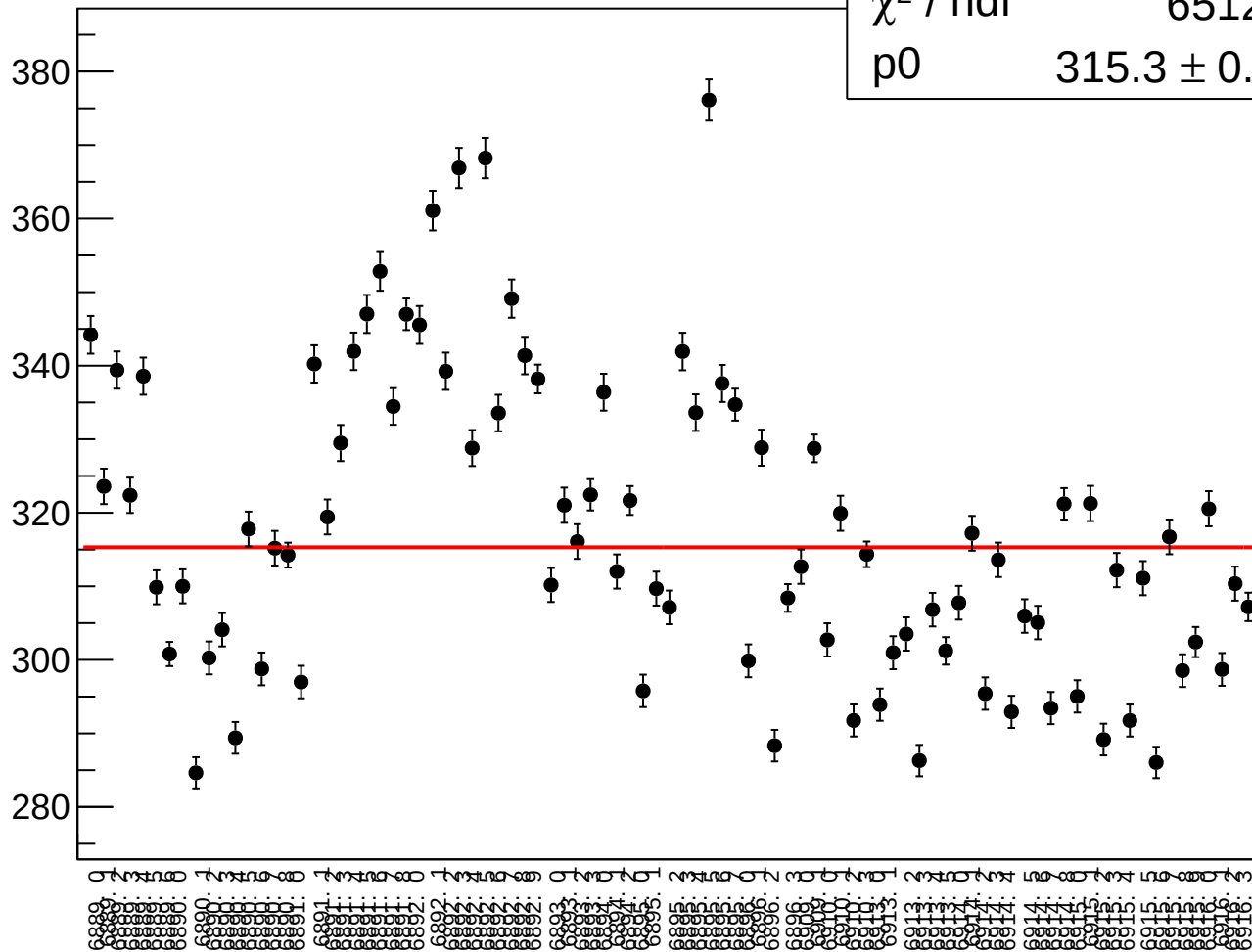
asym_sam8_cor_correction_rms vs run

χ^2 / ndf

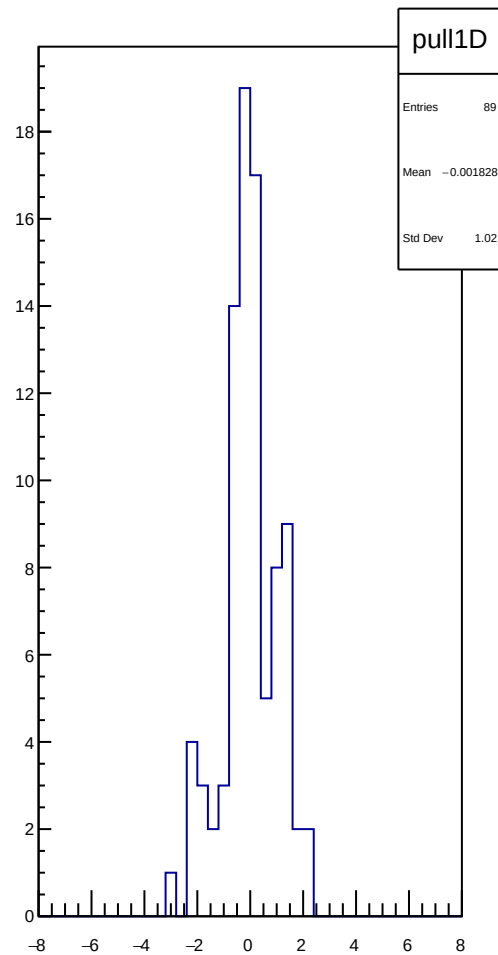
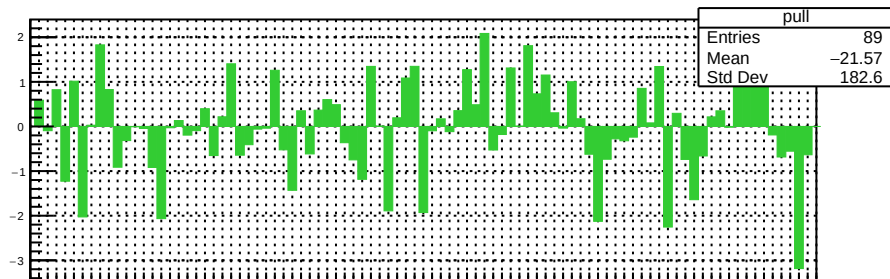
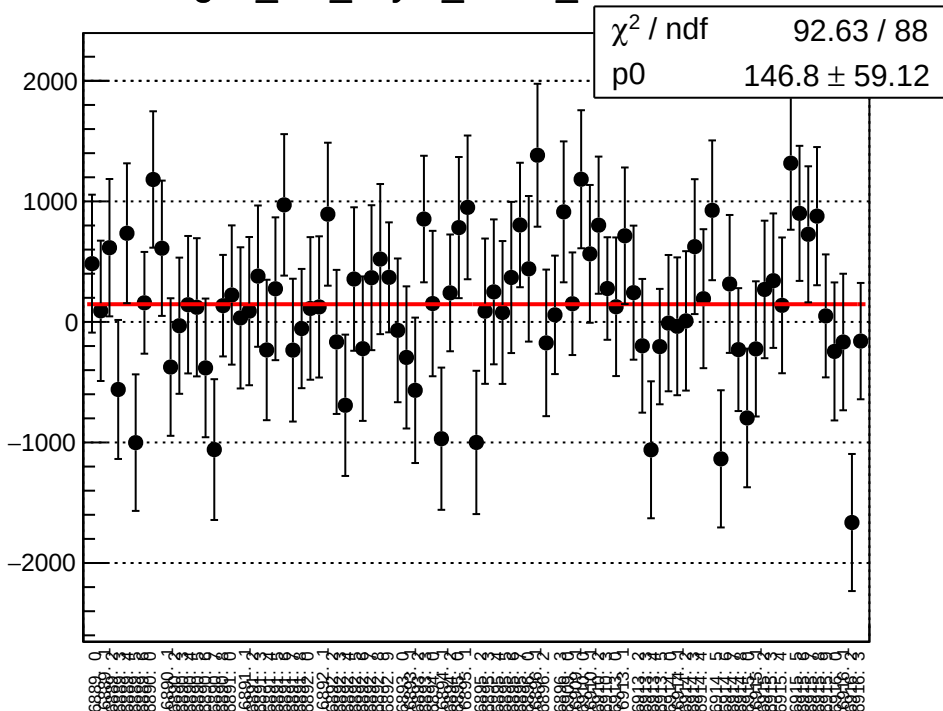
6512 / 88

p0

315.3 ± 0.2399



eigen_cor_asym_sam8_mean vs run



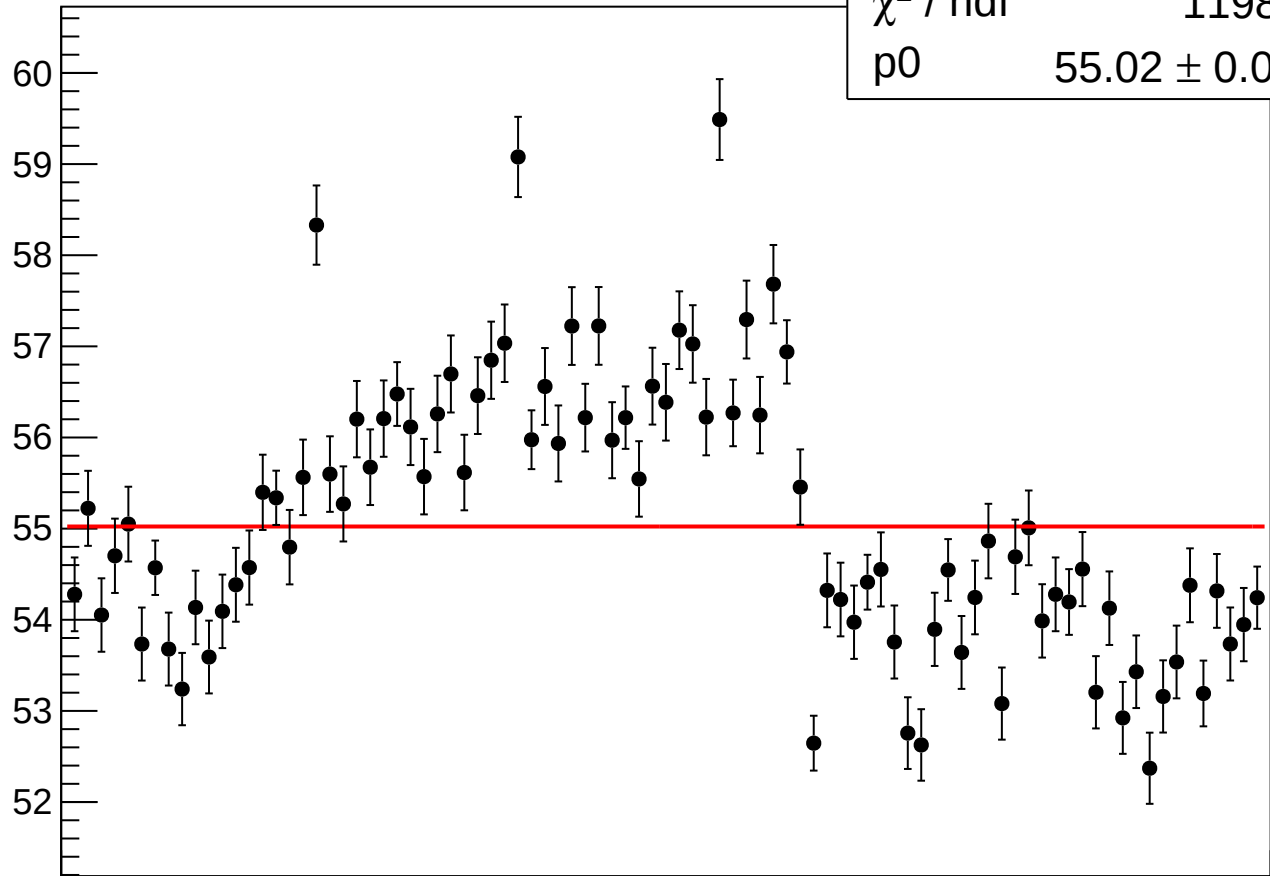
eigen_cor_asym_sam8_rms vs run

χ^2 / ndf

1198 / 88

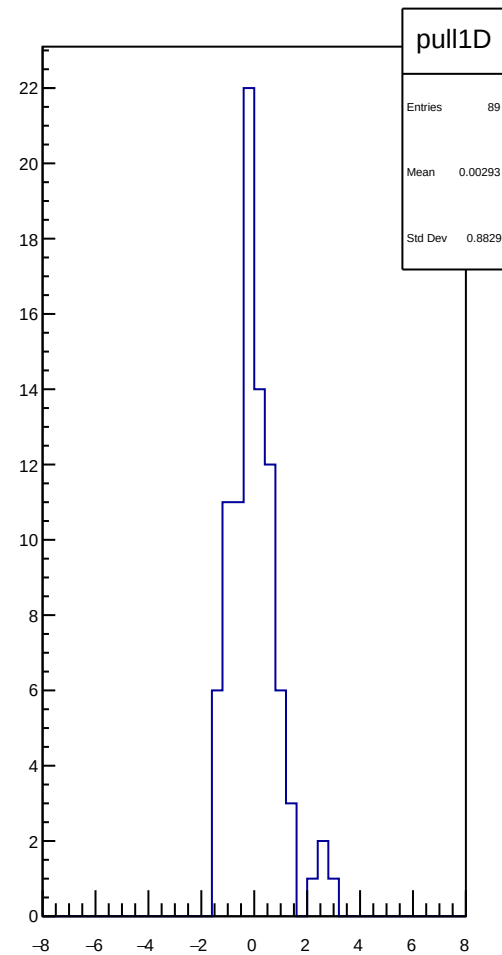
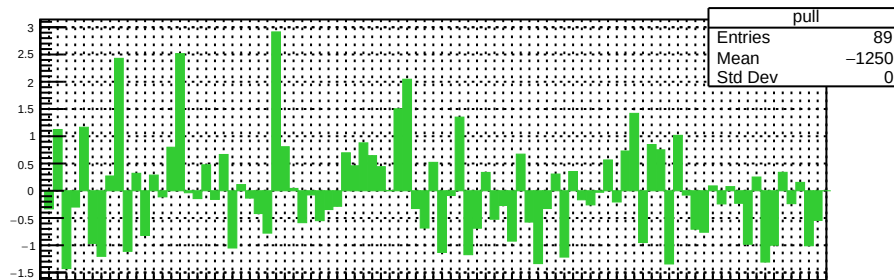
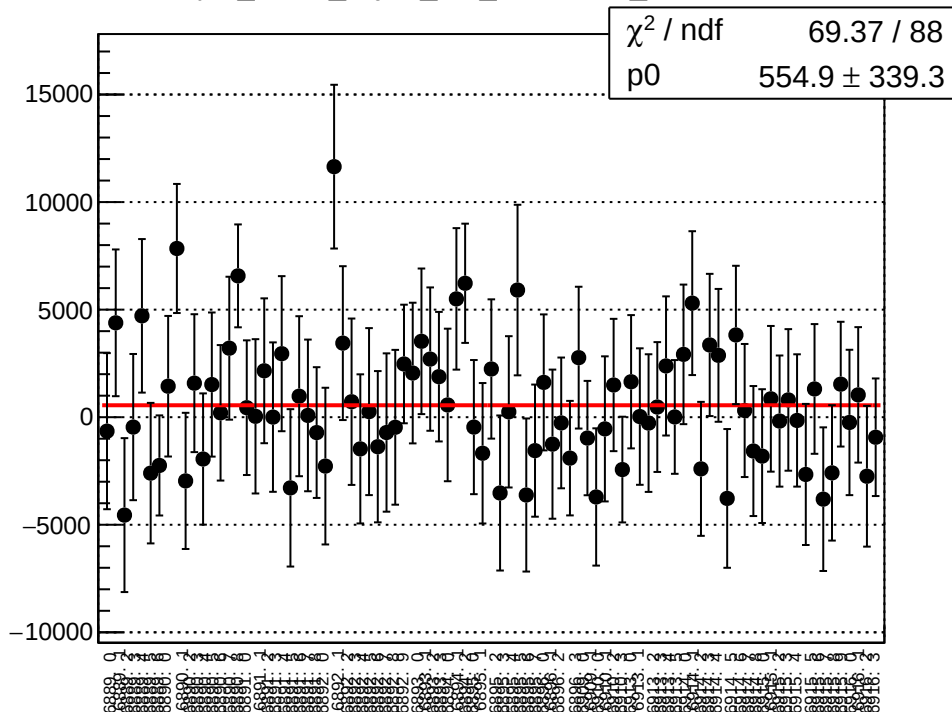
p0

55.02 ± 0.04181

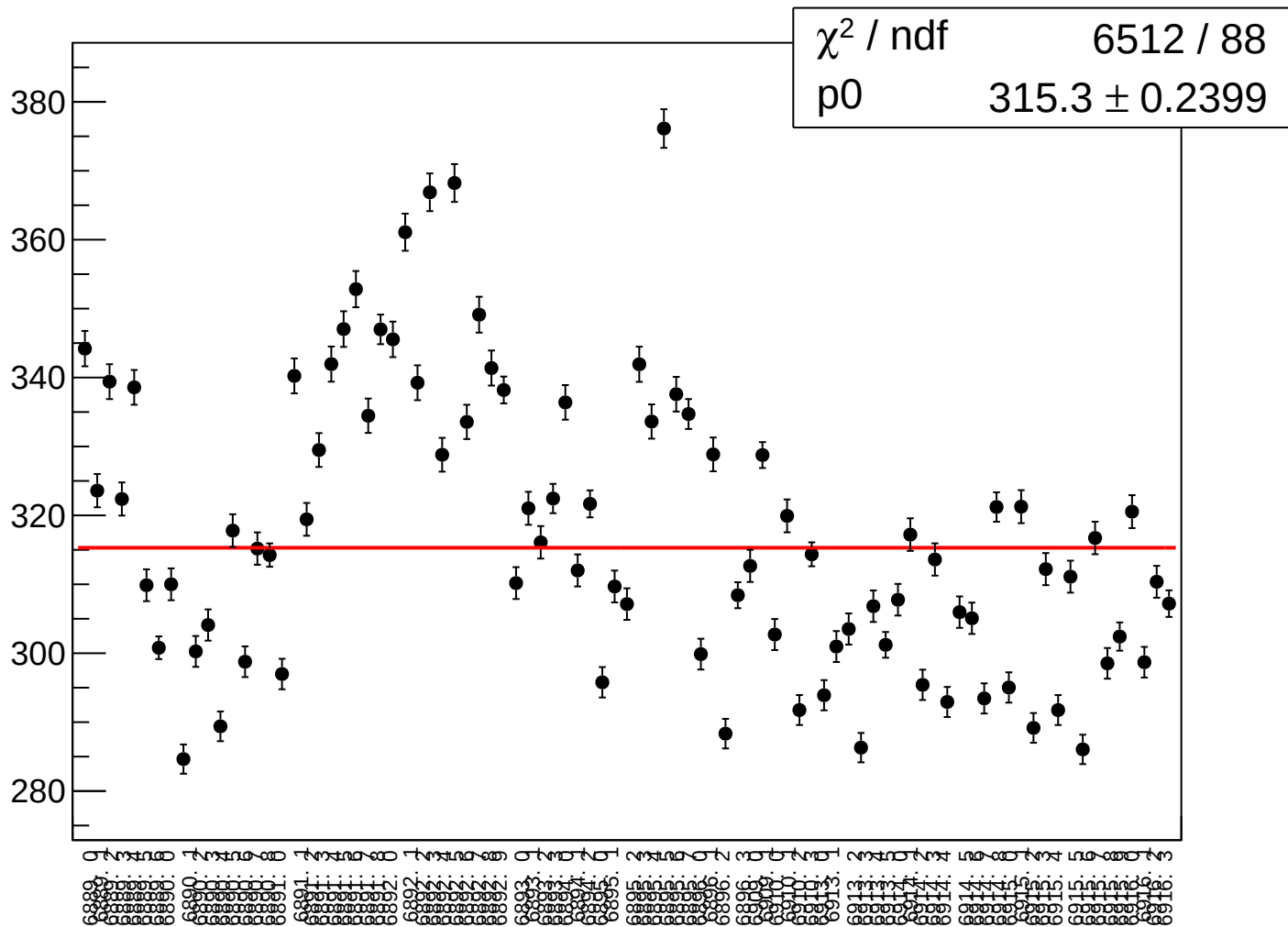


run

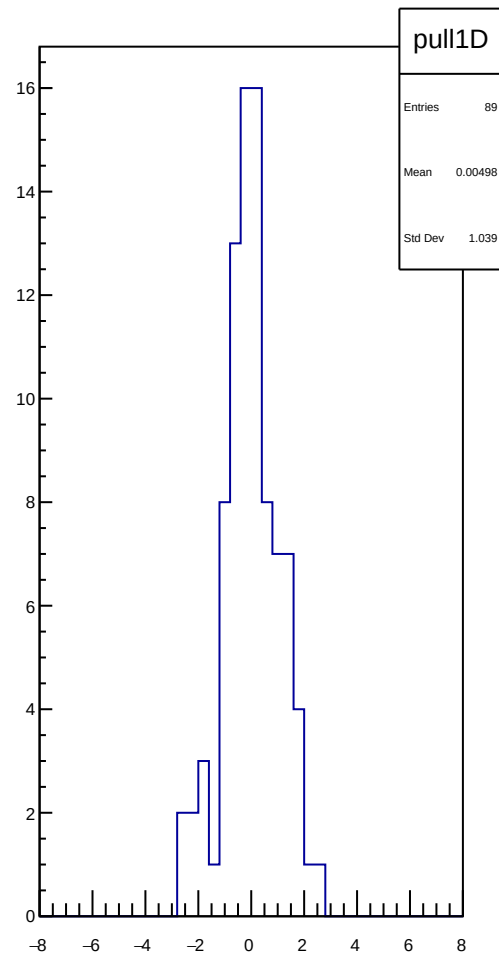
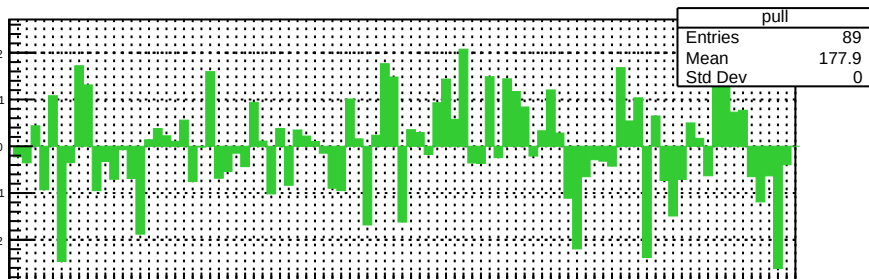
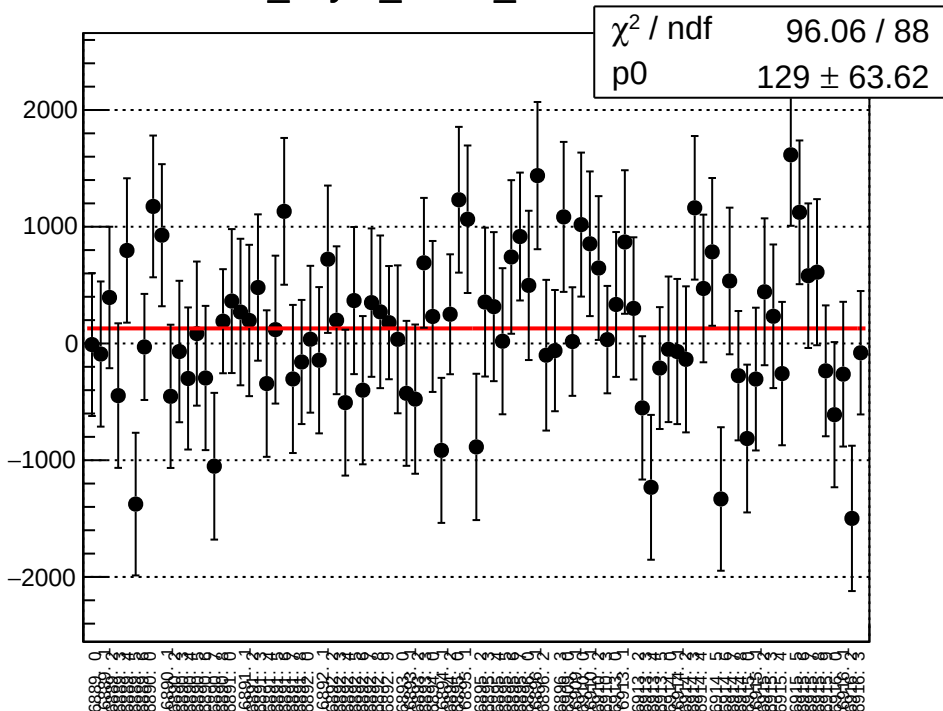
asym_sam8_eigen_cor_correction_mean vs run



asym_sam8_eigen_cor_correction_rms vs run



dit_asym_sam8_mean vs run



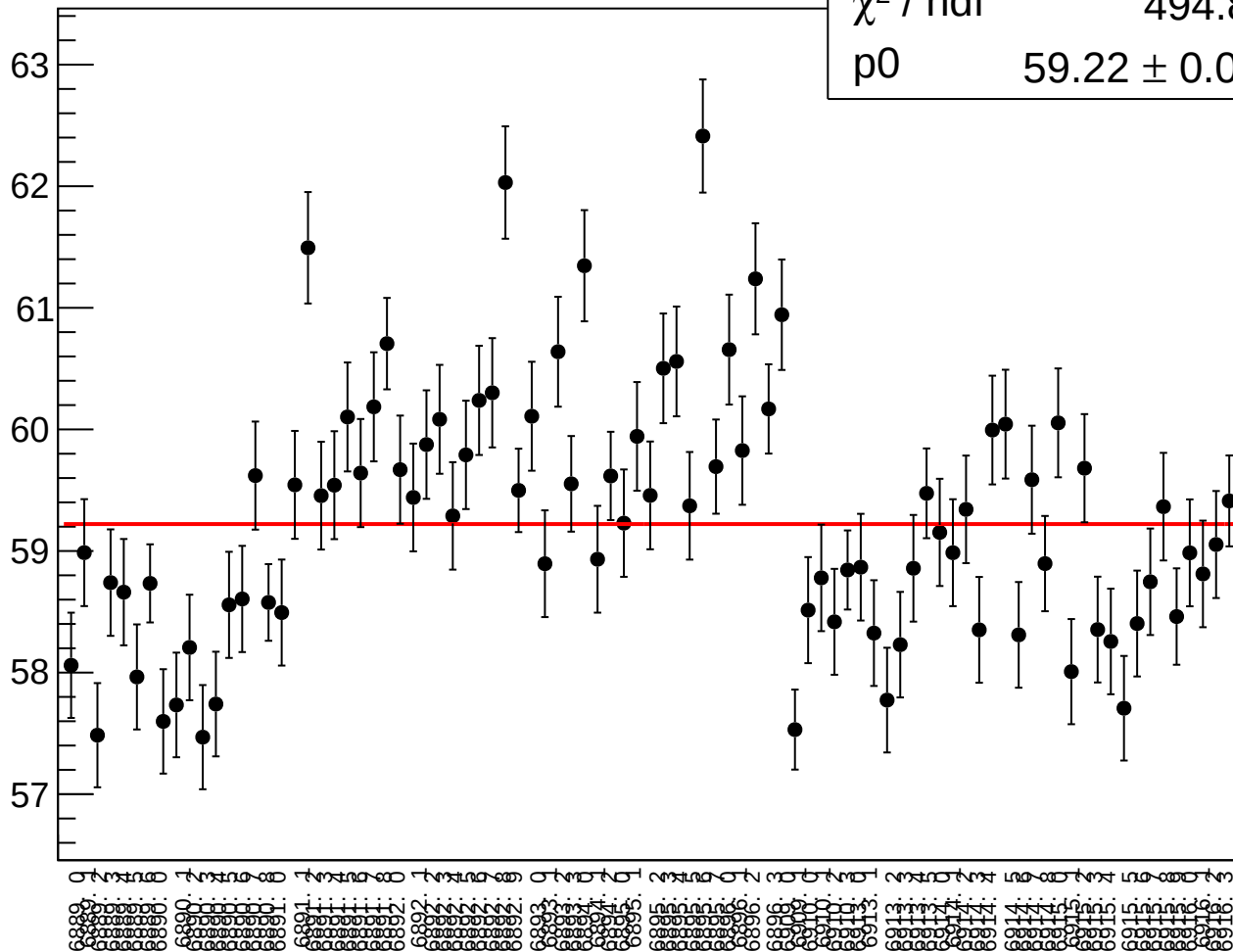
dit_asym_sam8_rms vs run

χ^2 / ndf

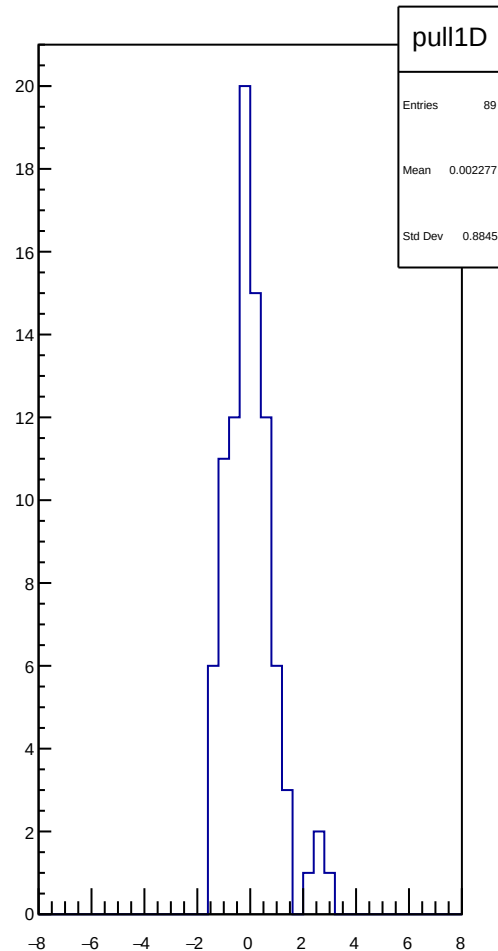
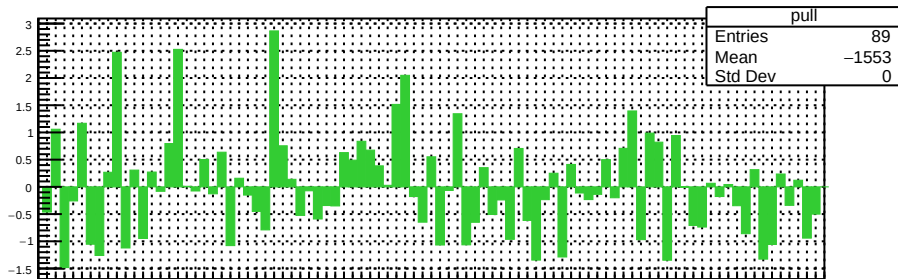
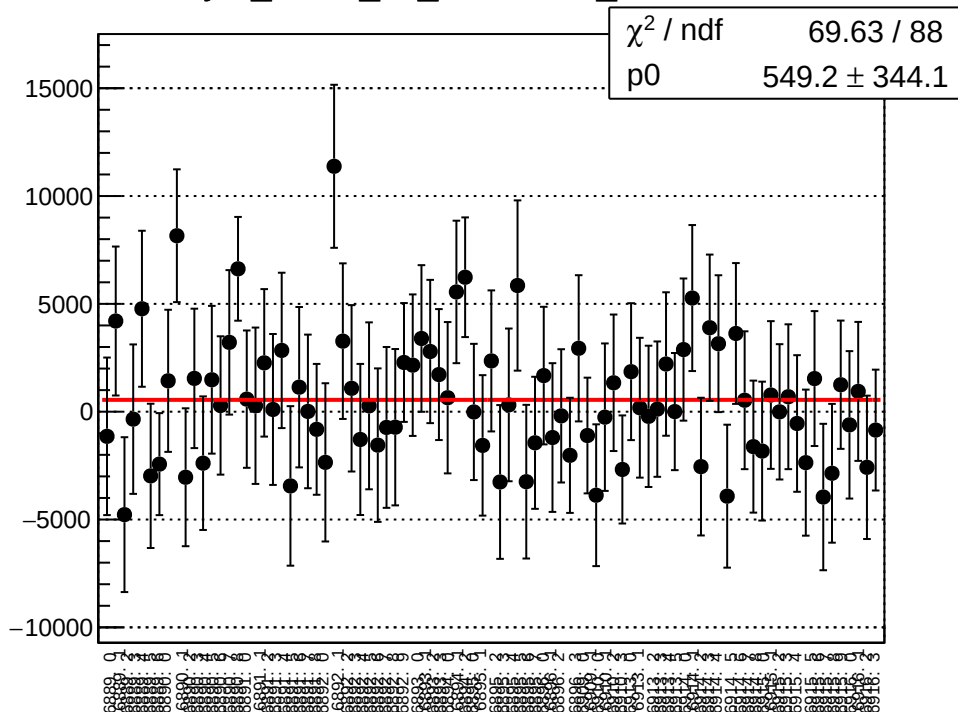
494.8 / 88

p0

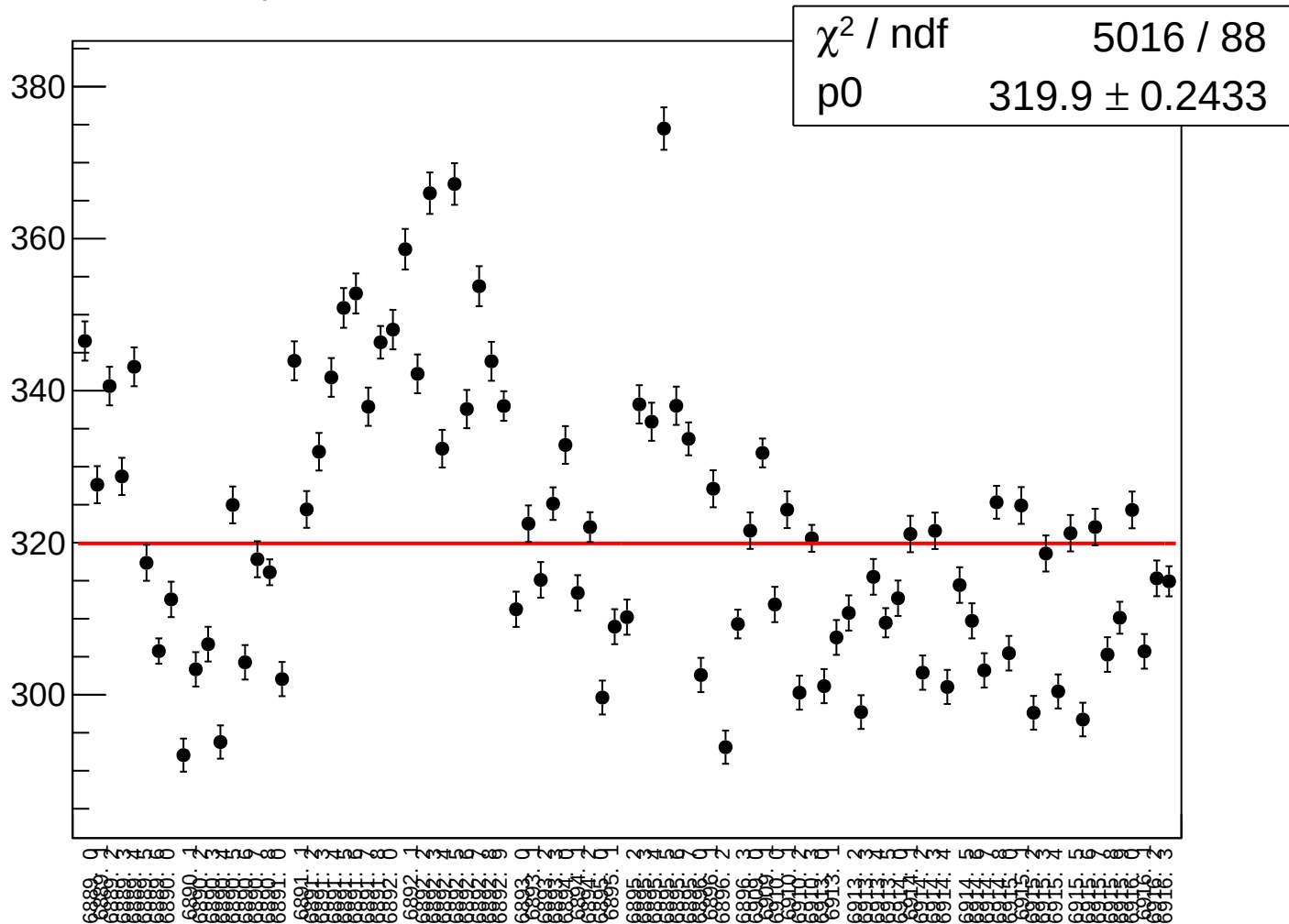
59.22 ± 0.04499



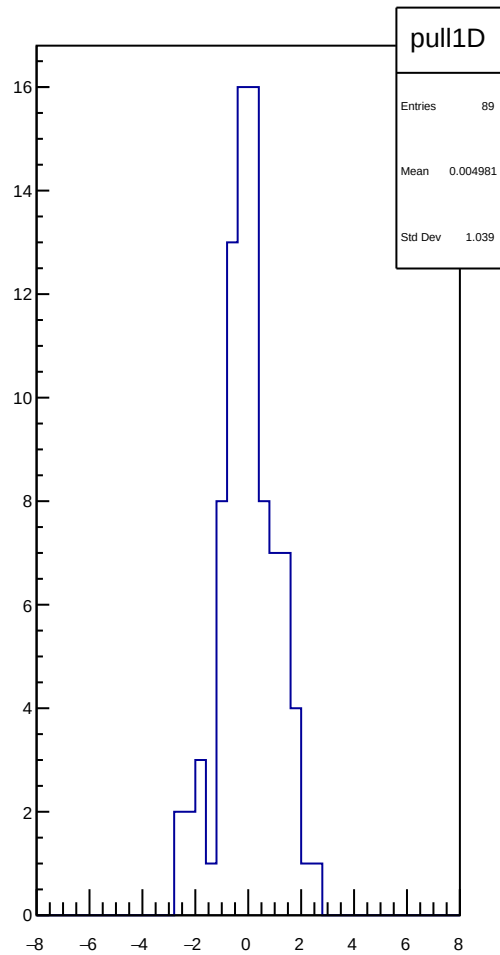
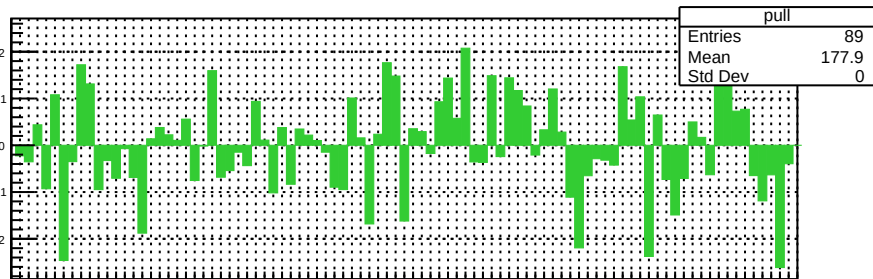
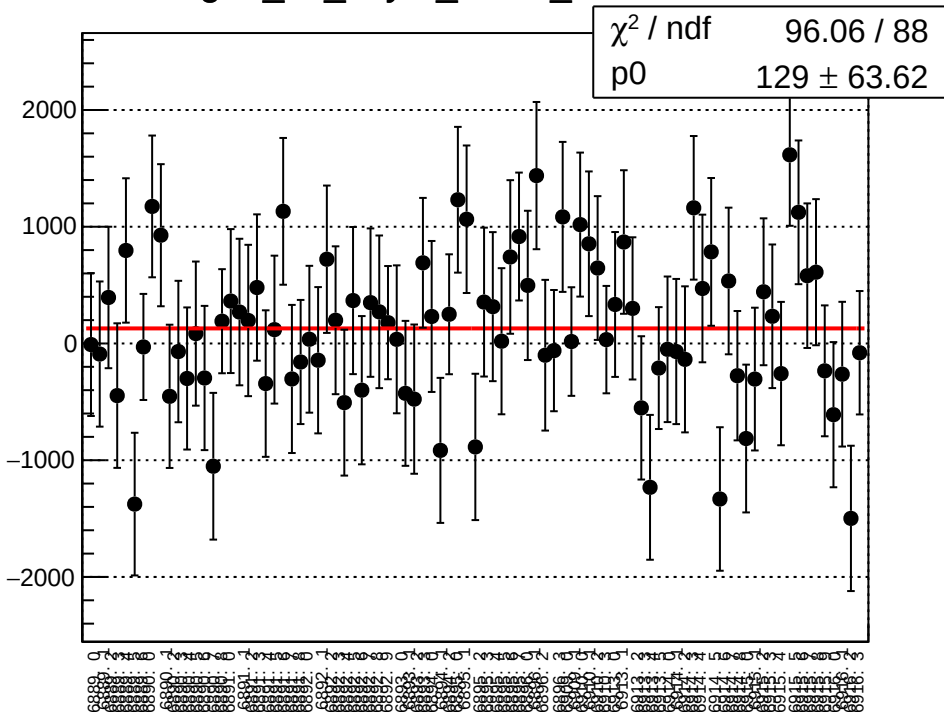
asym_sam8_dit_correction_mean vs run



asym_sam8_dit_correction_rms vs run



eigen_dit_asym_sam8_mean vs run



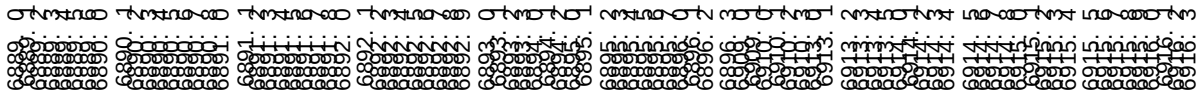
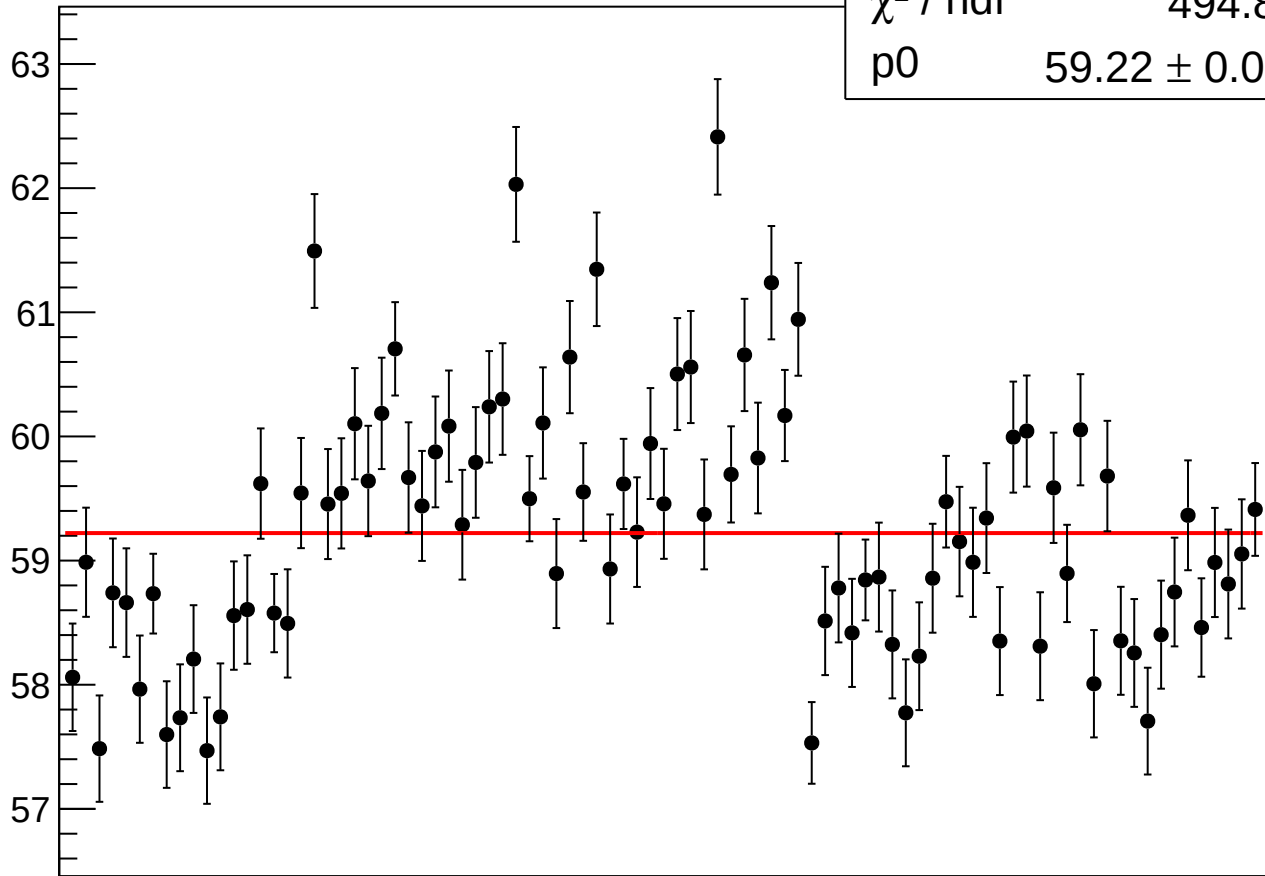
eigen_dit_asym_sam8_rms vs run

χ^2 / ndf

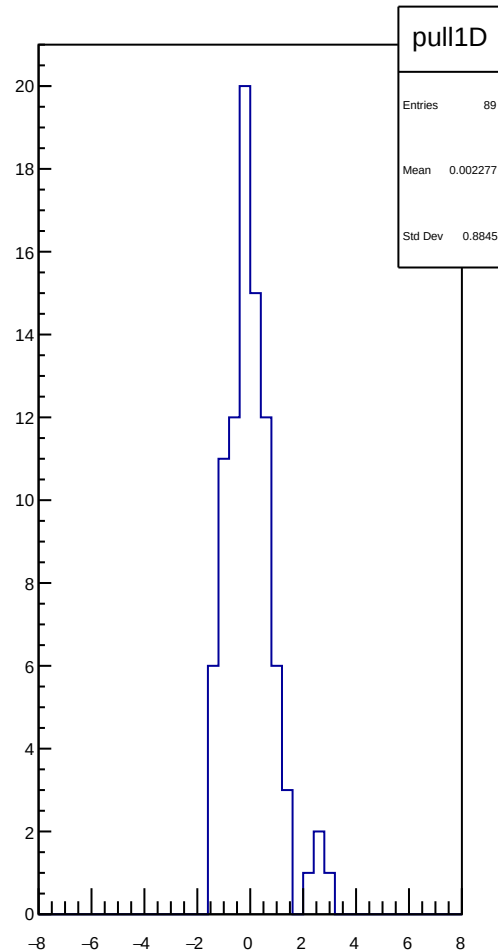
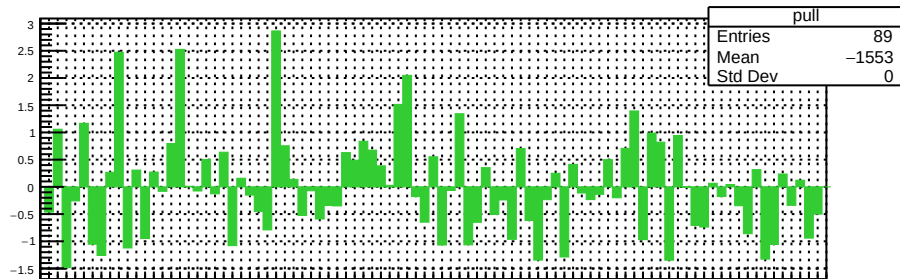
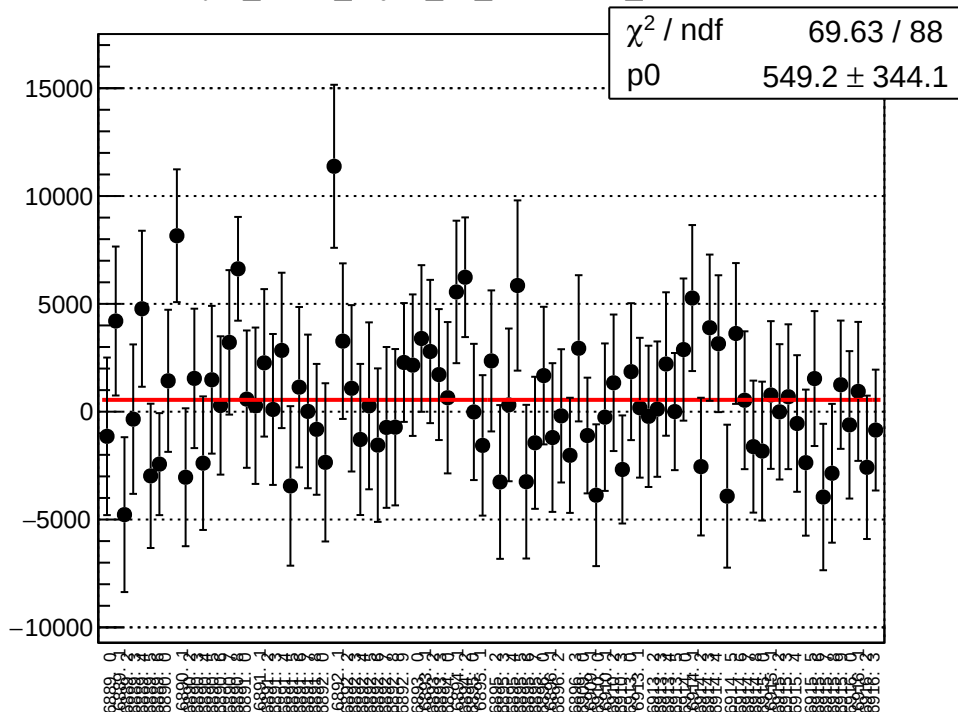
494.8 / 88

p0

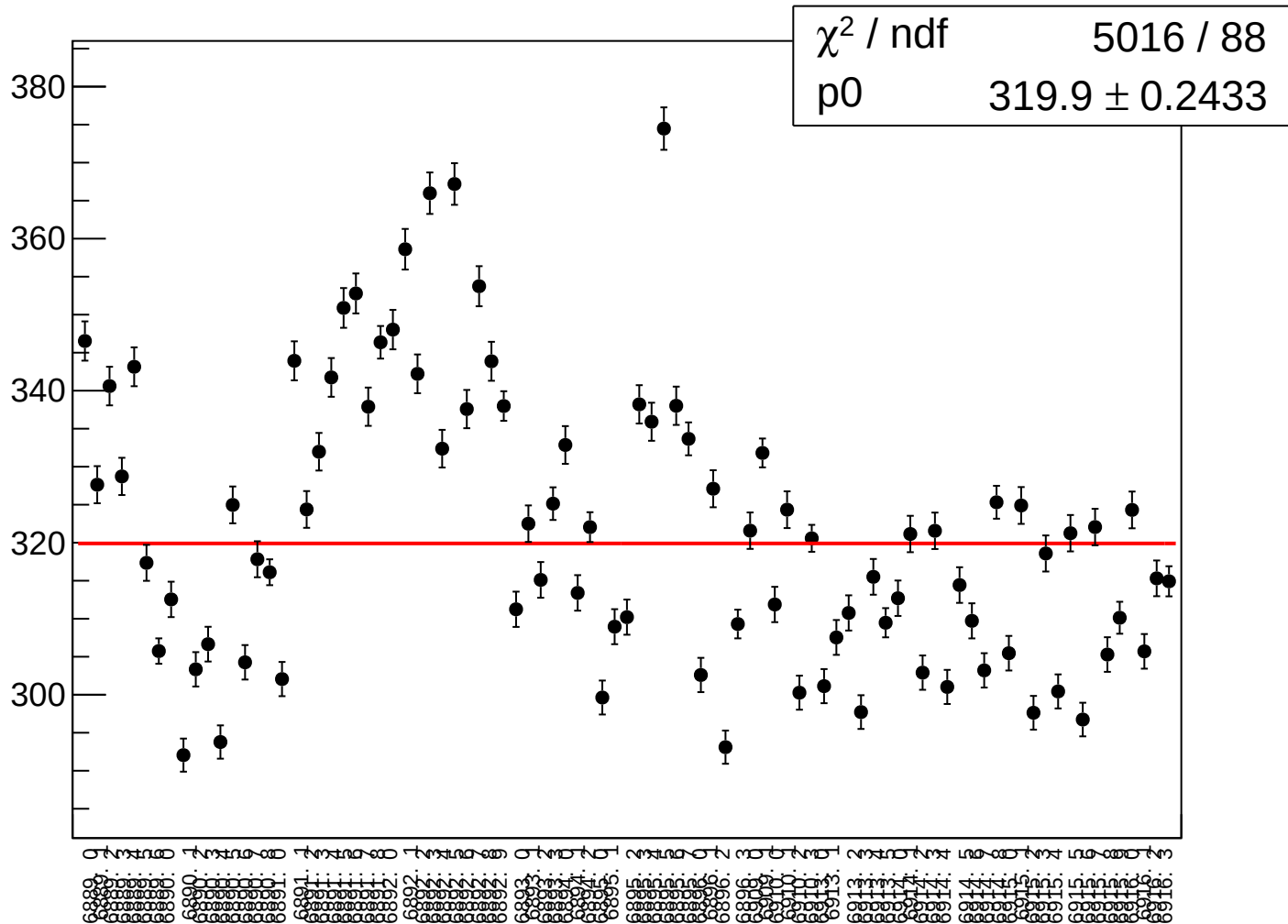
59.22 ± 0.04499



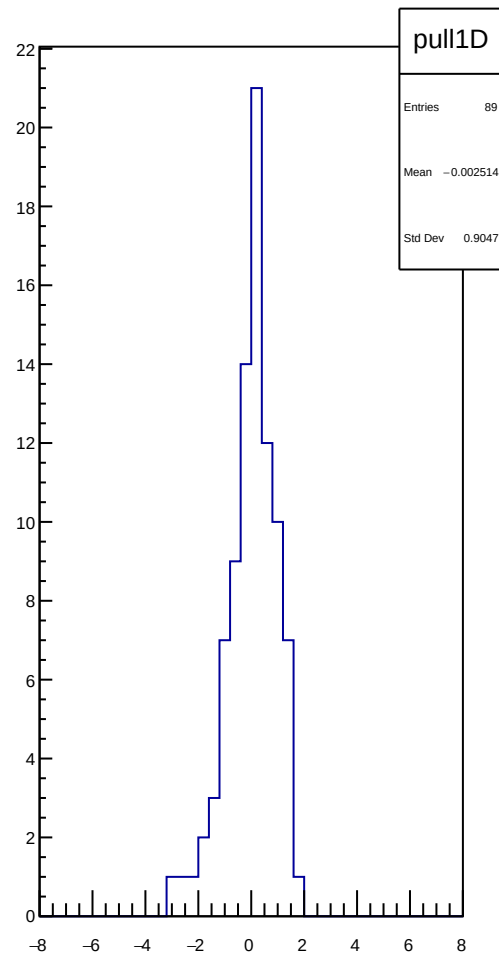
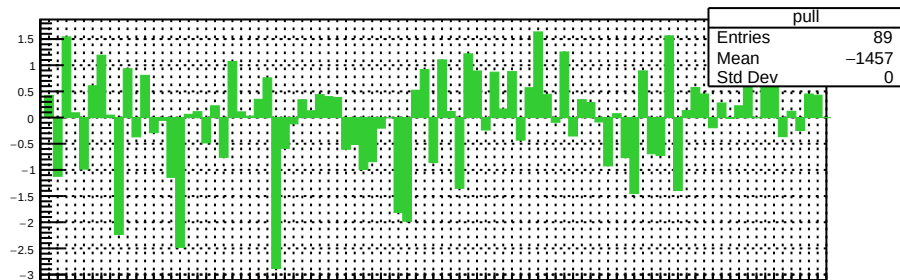
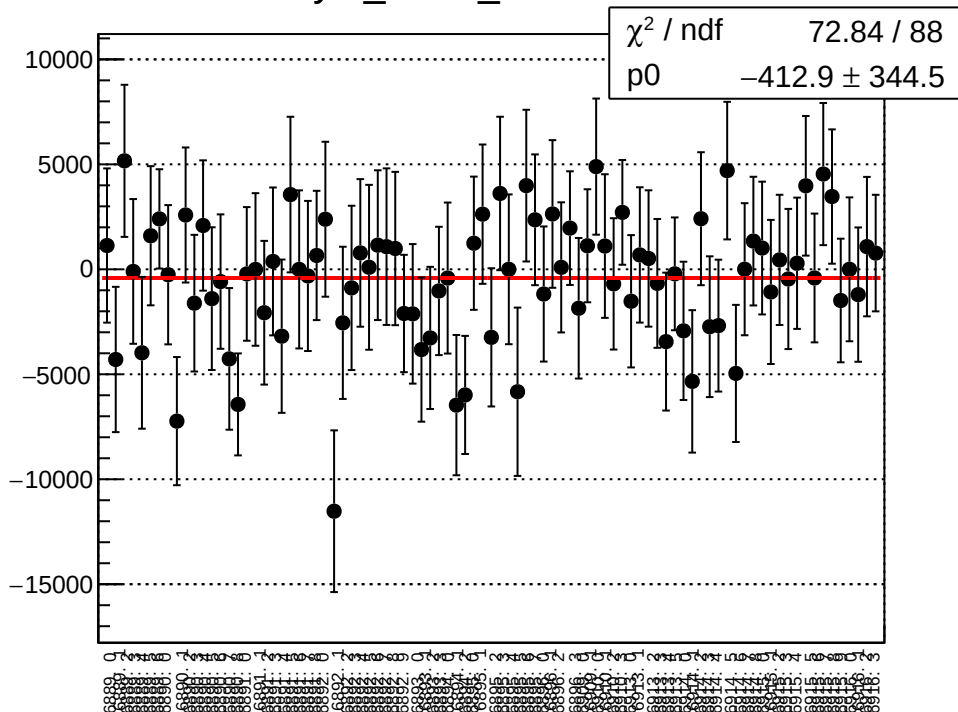
asym_sam8_eigen_dit_correction_mean vs run



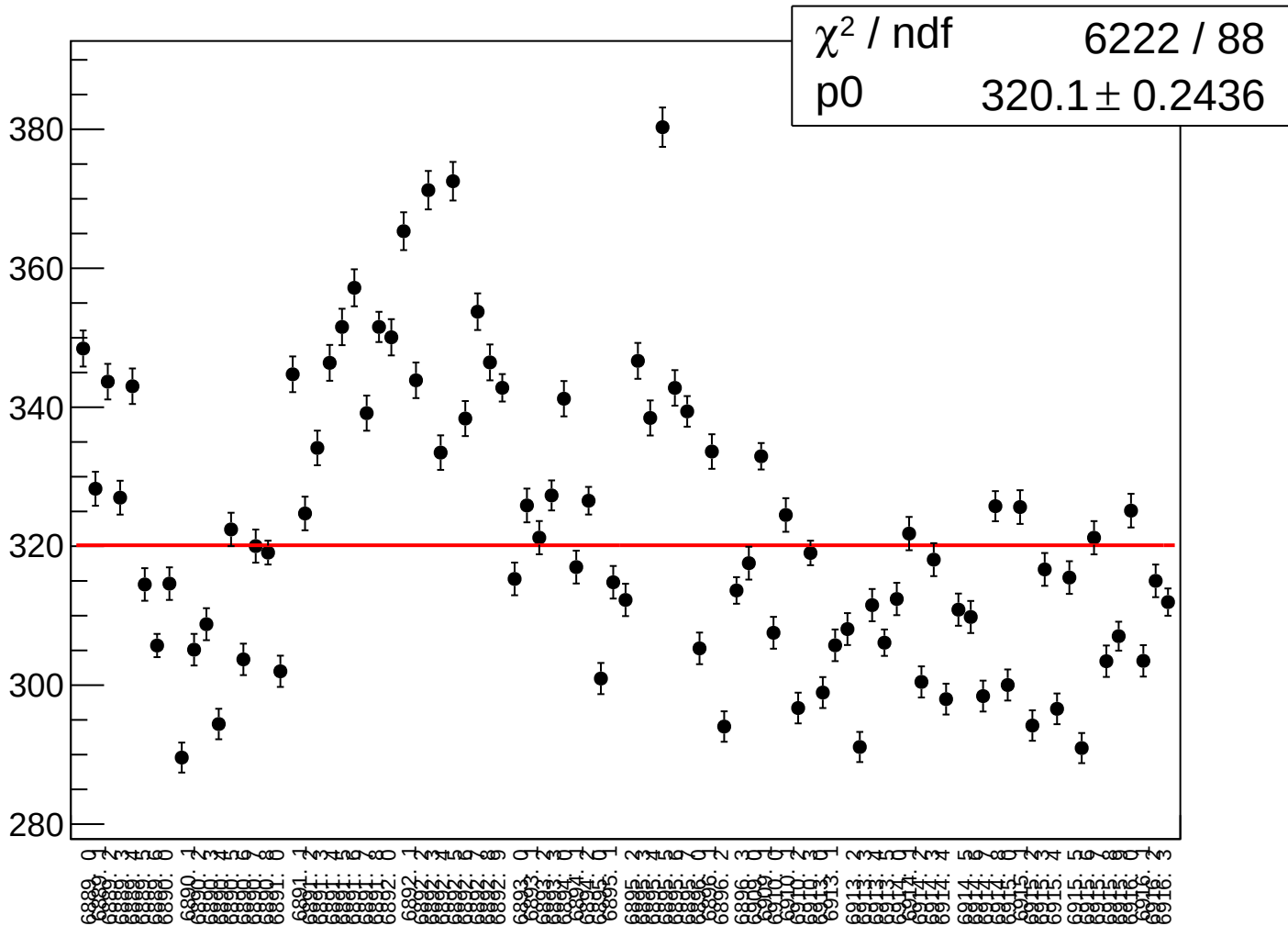
asym_sam8_eigen_dit_correction_rms vs run



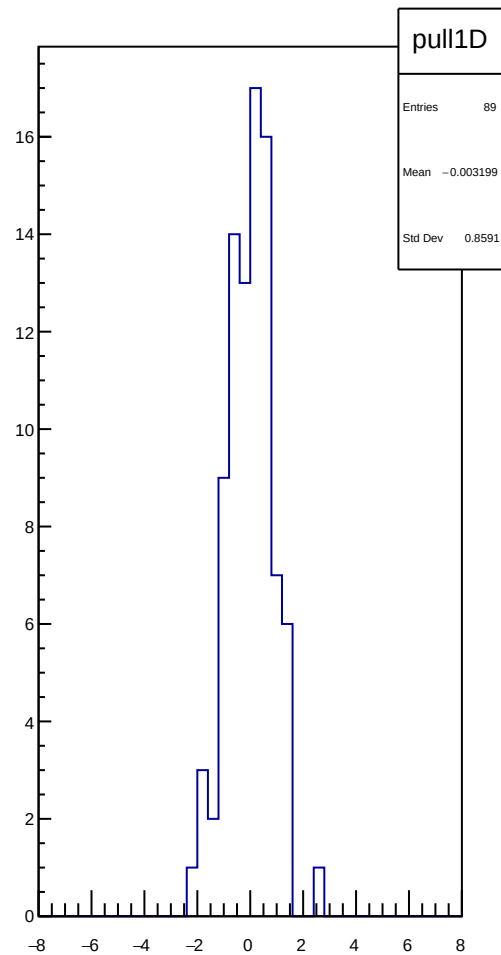
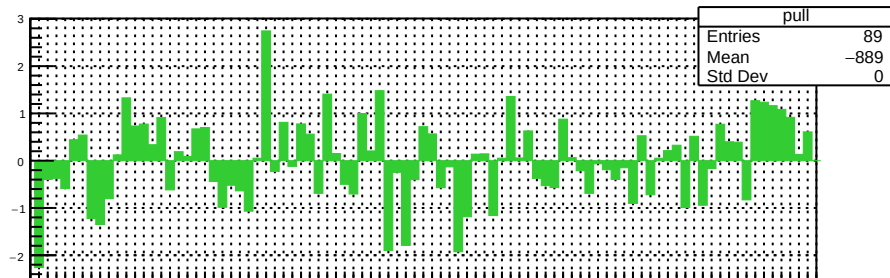
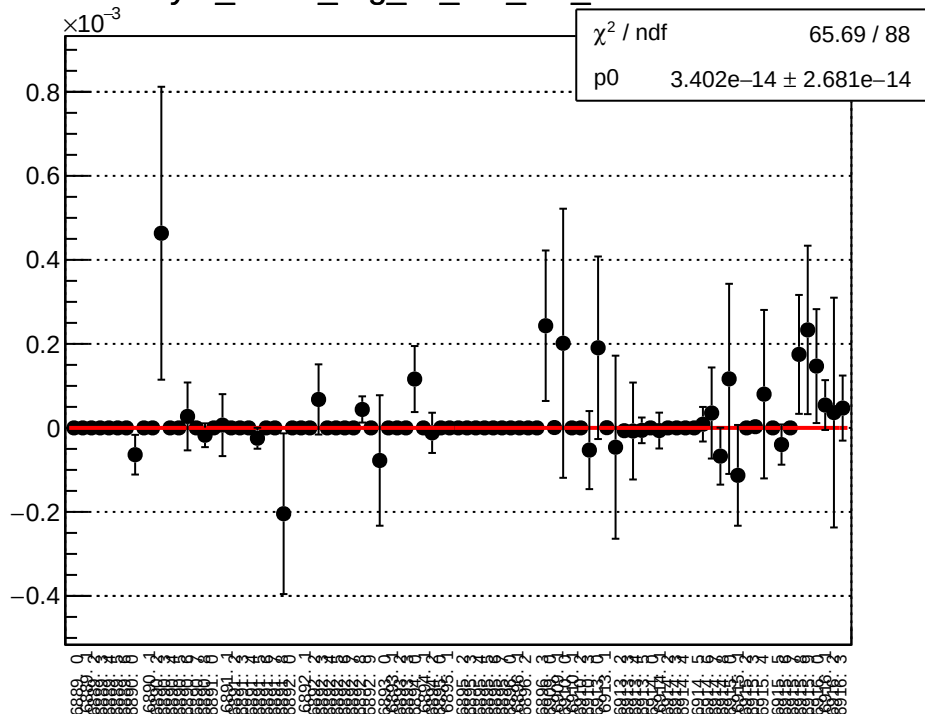
asym_sam8_mean vs run



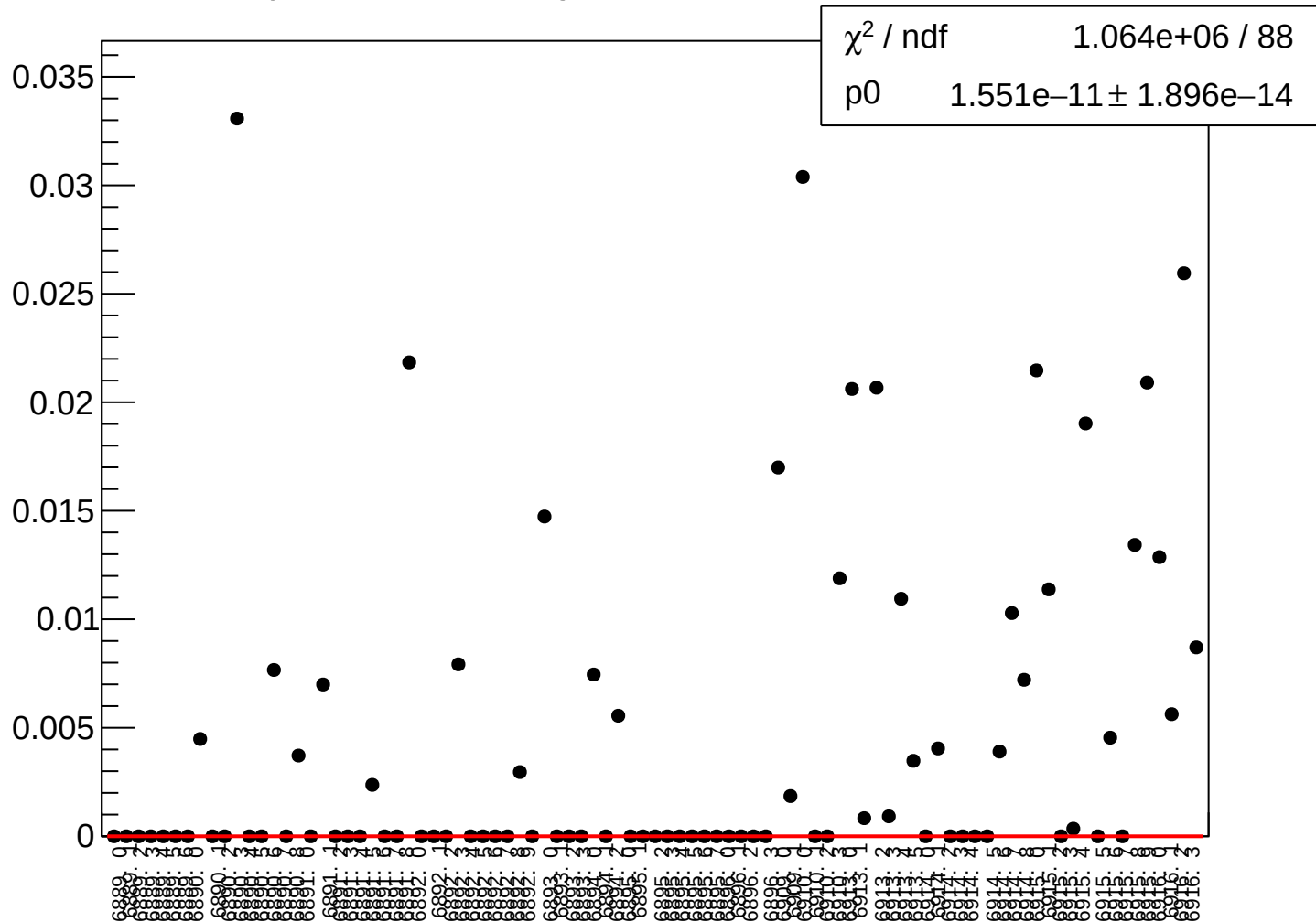
asym_sam8_rms vs run



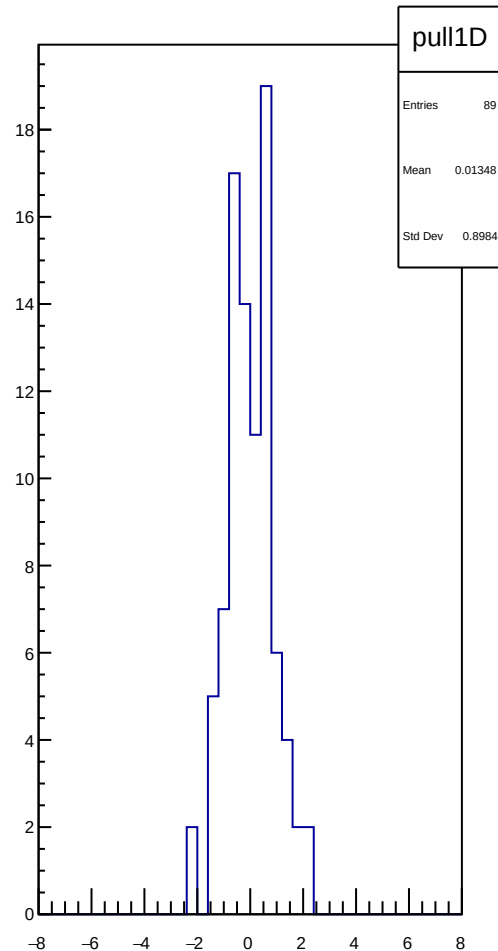
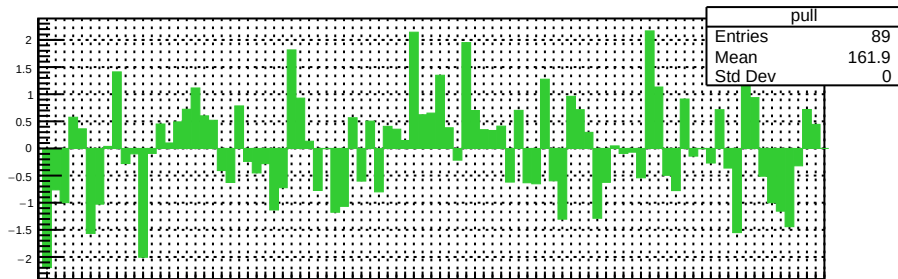
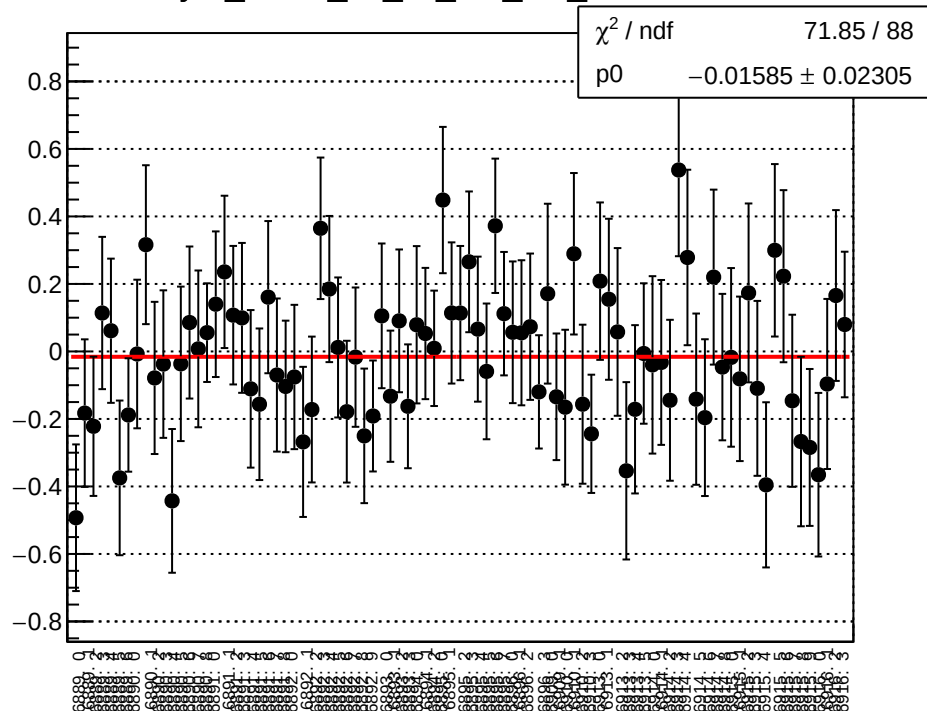
asym_sam8_reg_vs_cor_diff_mean vs run



asym_sam8_reg_vs_cor_diff_rms vs run

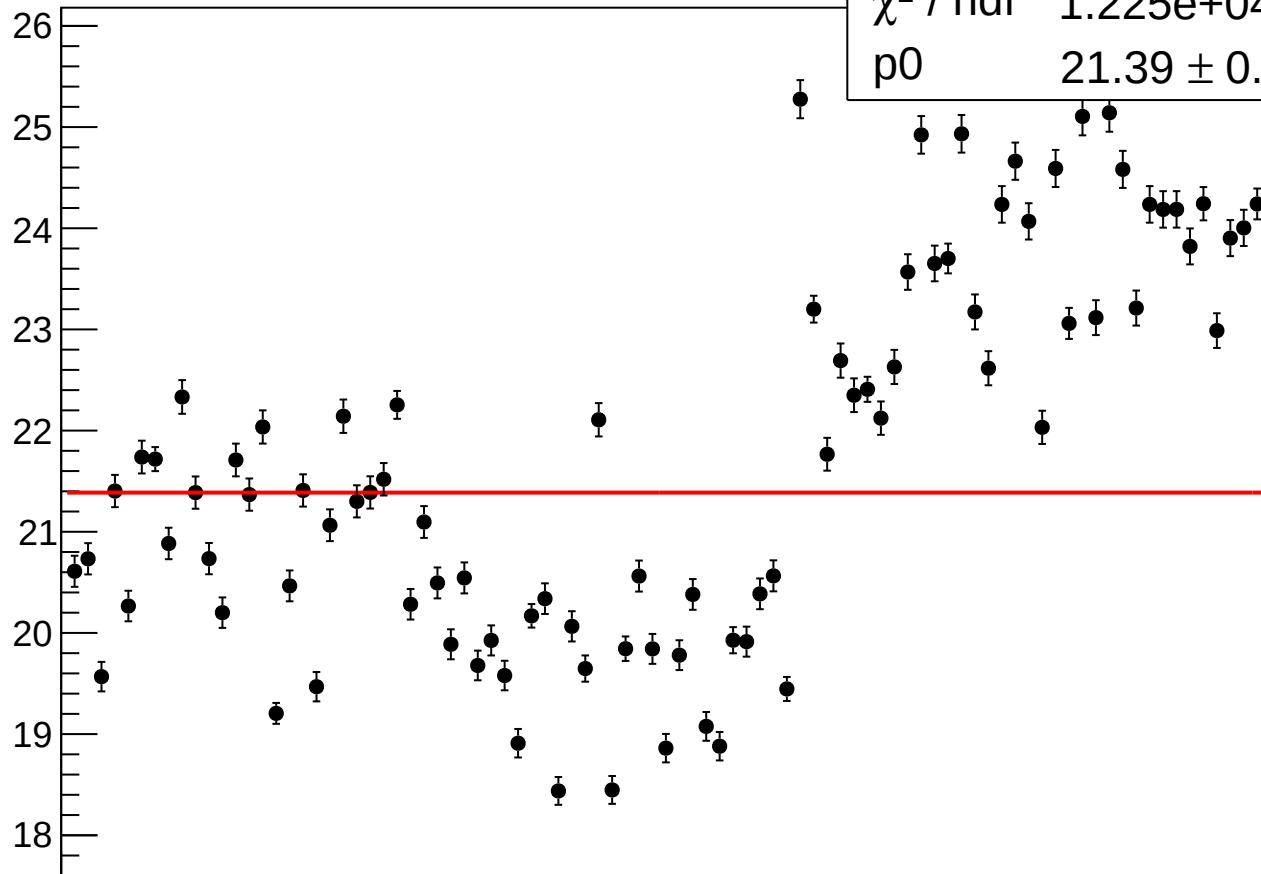


asym_sam8_dit_vs_cor_diff_mean vs run



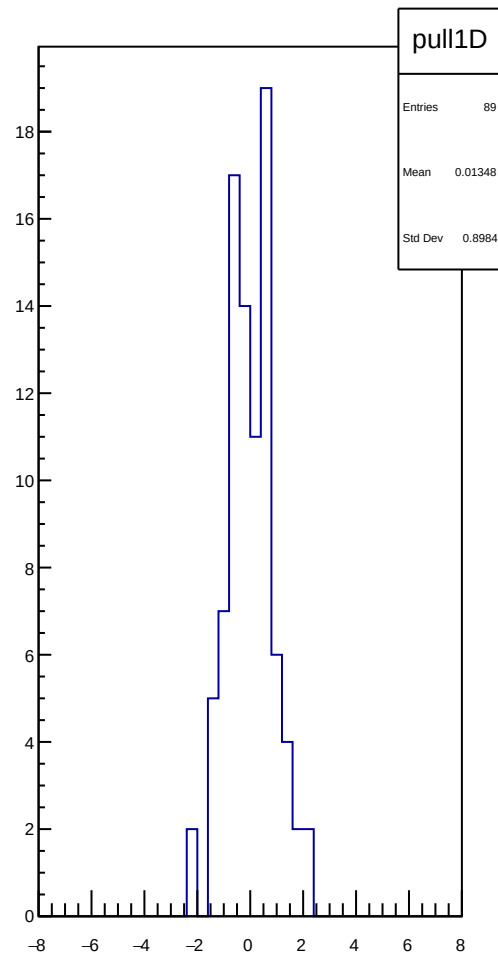
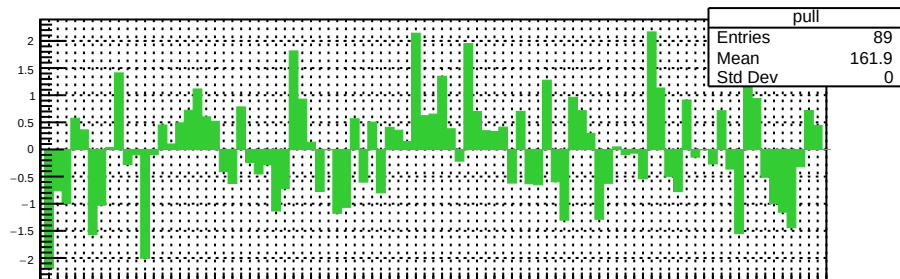
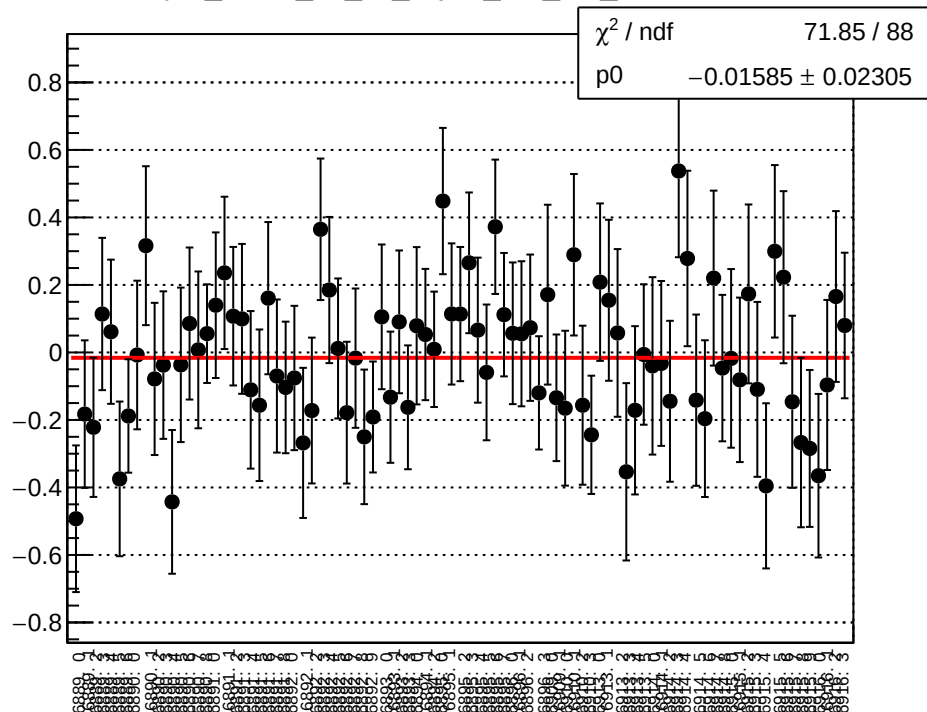
asym_sam8_dit_vs_cor_diff_rms vs run

χ^2 / ndf 1.225e+04 / 88
p0 21.39 $\pm$ 0.0163

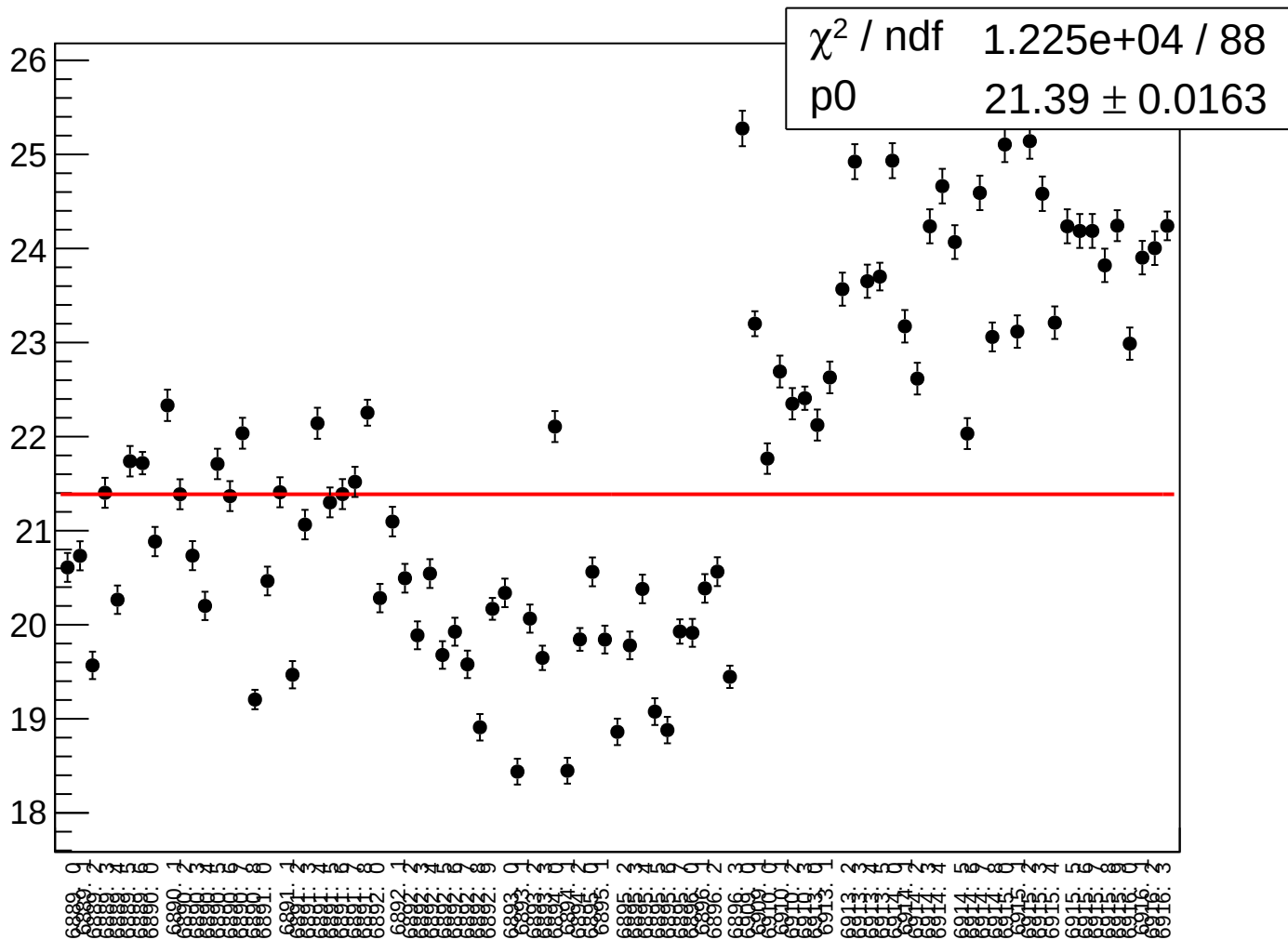


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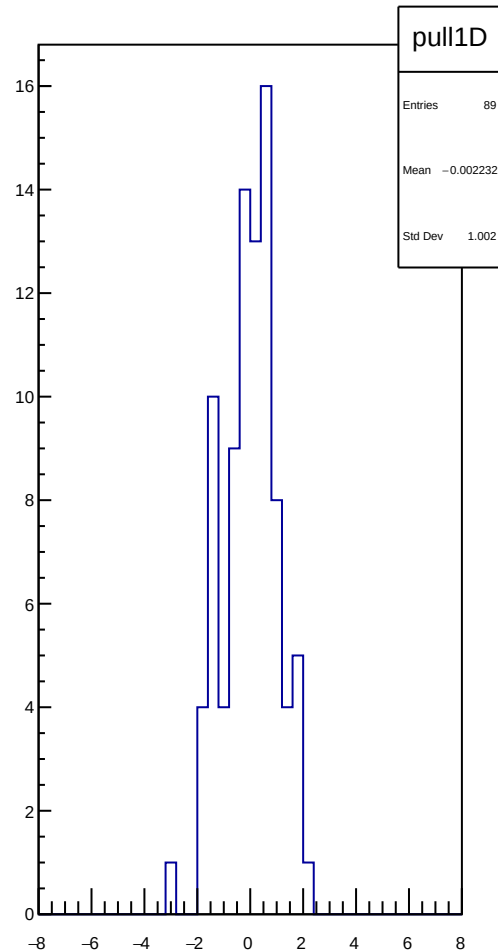
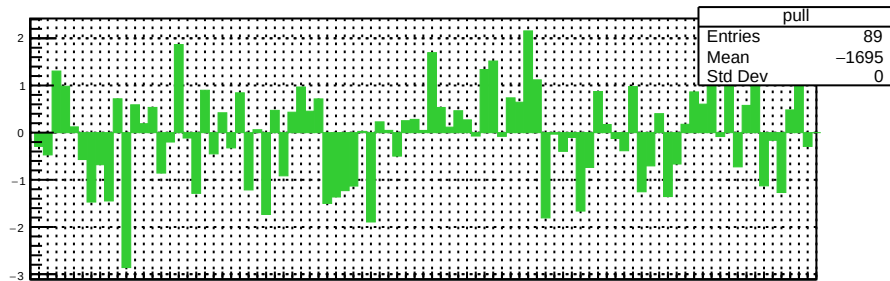
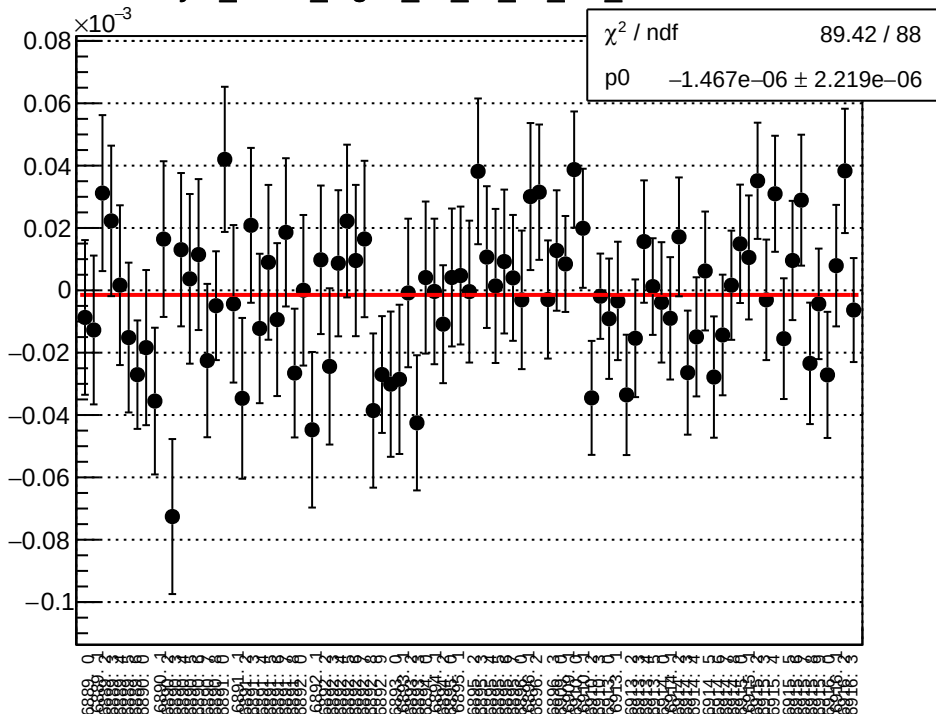
asym_sam8_dit_vs_eigen_cor_diff_mean vs run



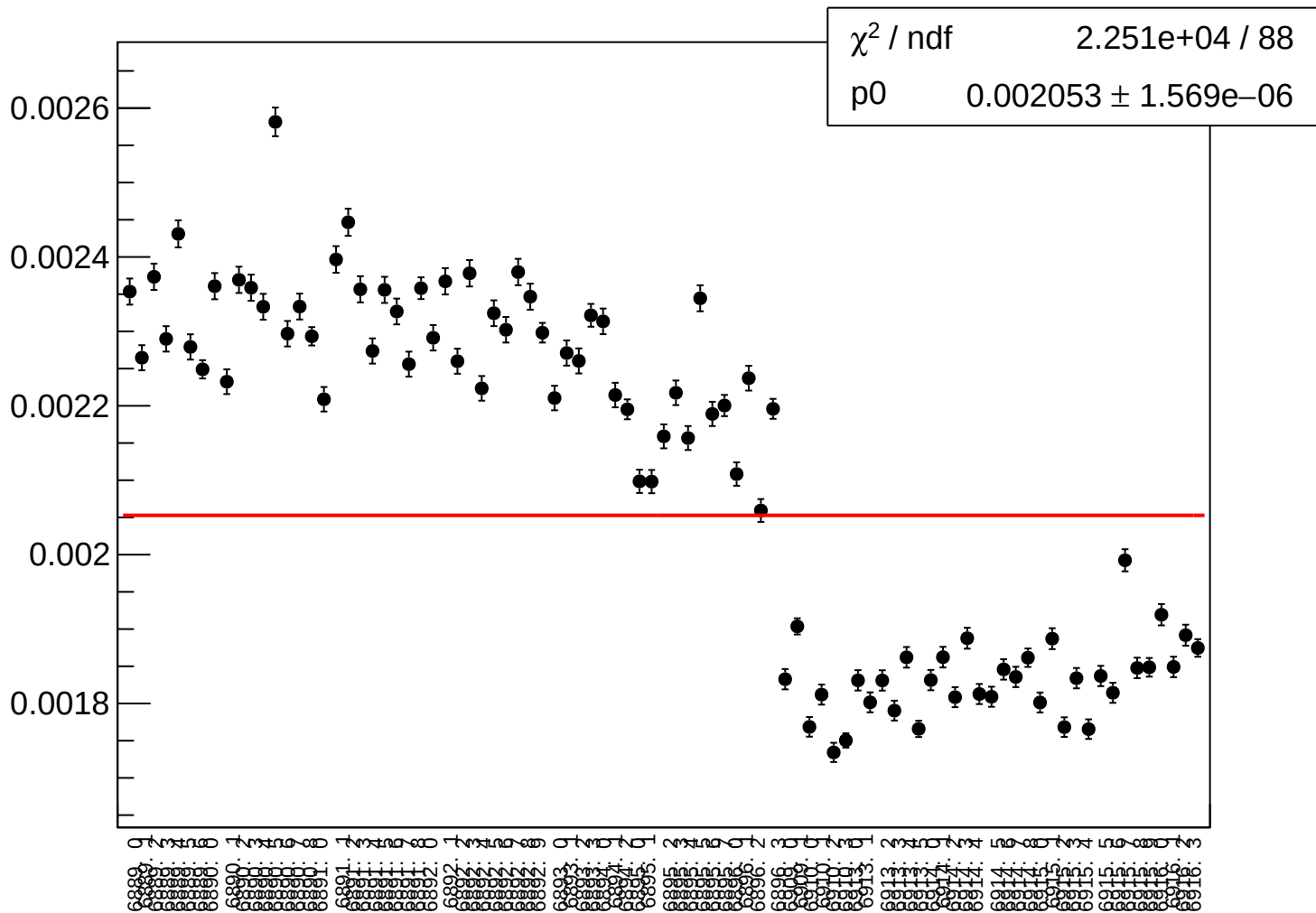
asym_sam8_dit_vs_eigen_cor_diff_rms vs run



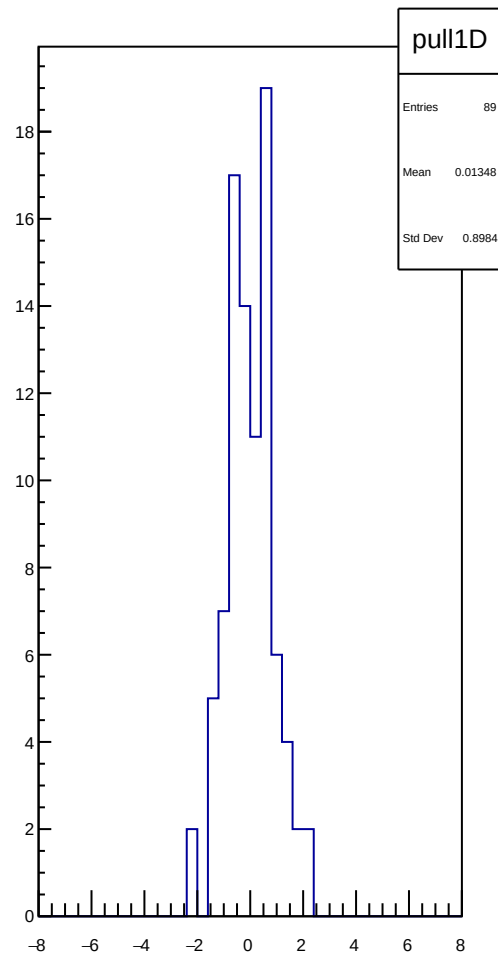
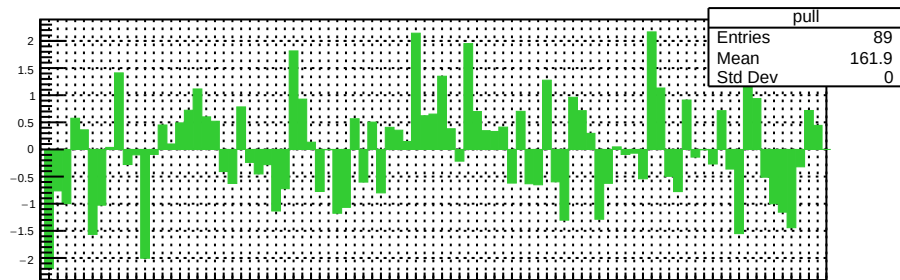
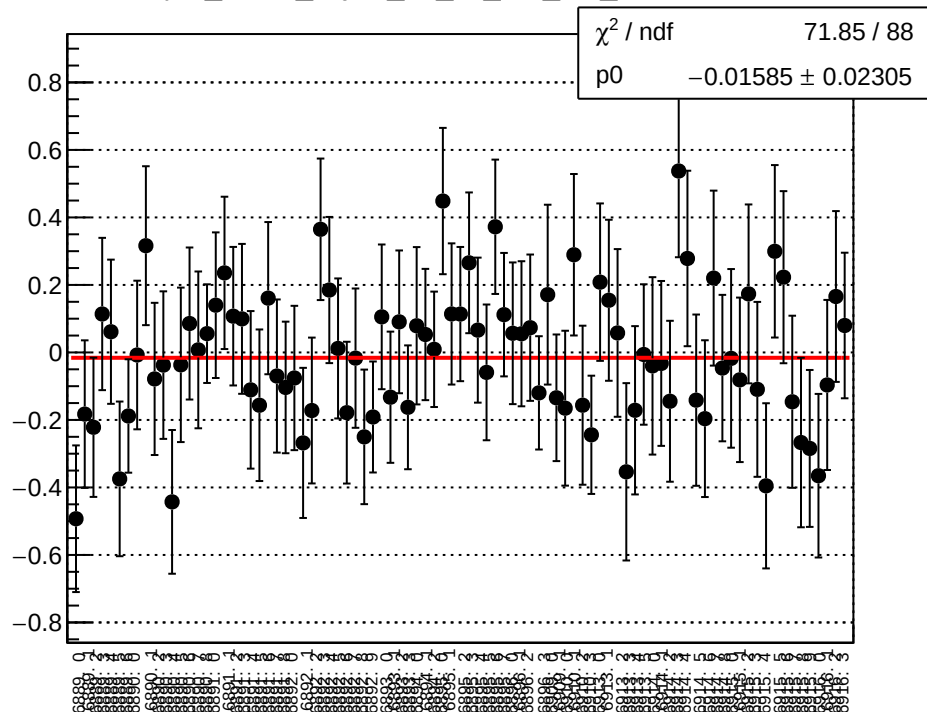
asym_sam8_eigen_dit_vs_dit_diff_mean vs run



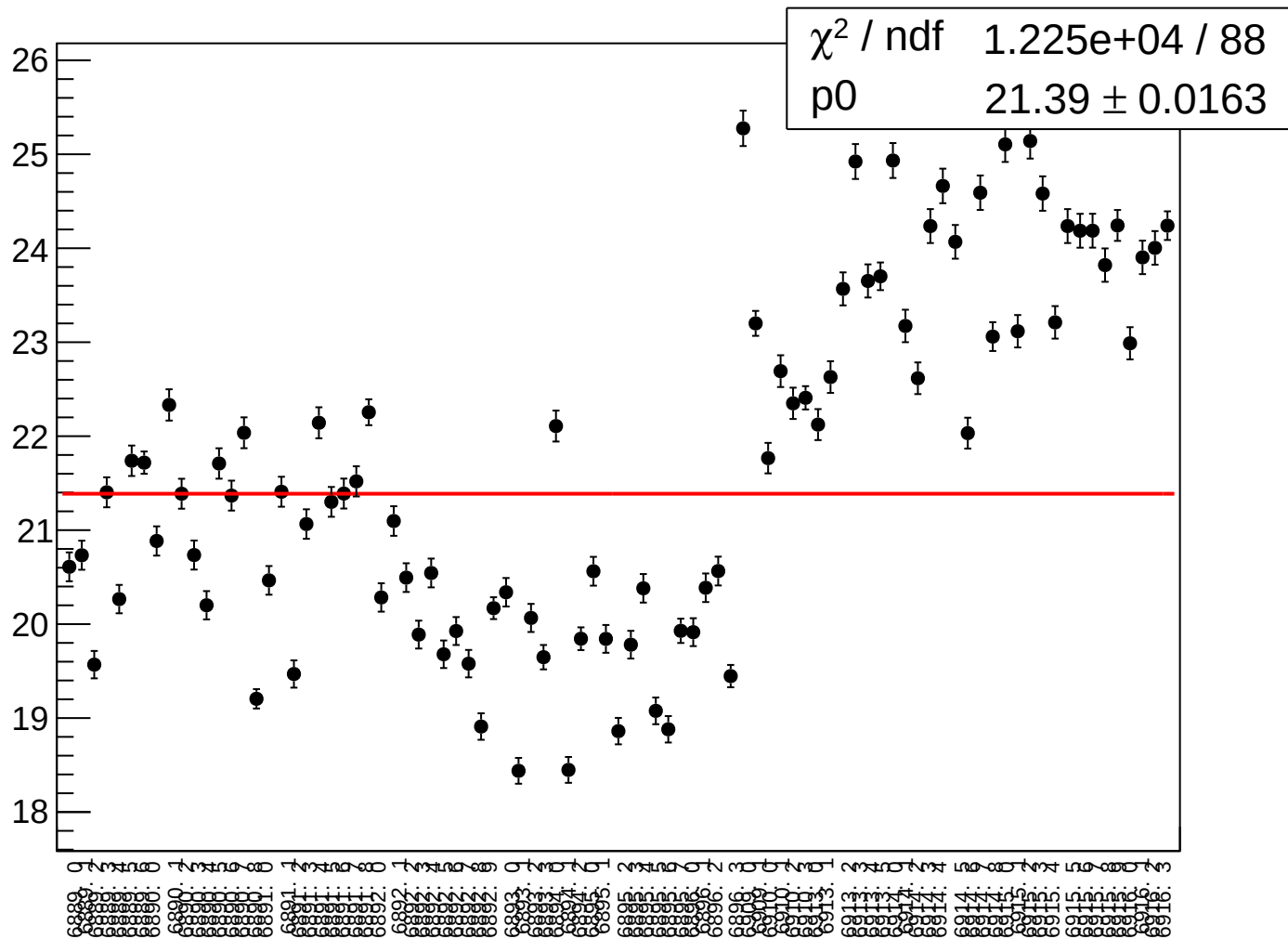
asym_sam8_eigen_dit_vs_dit_diff_rms vs run



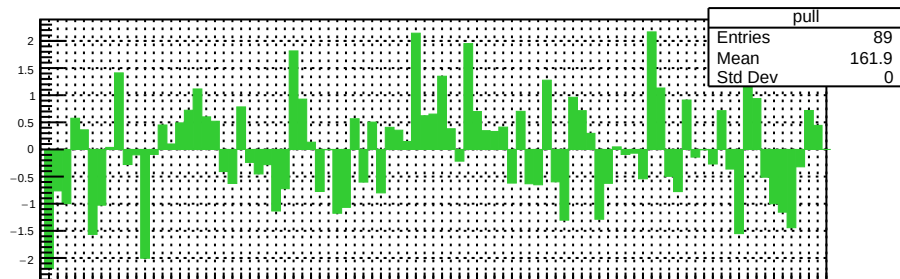
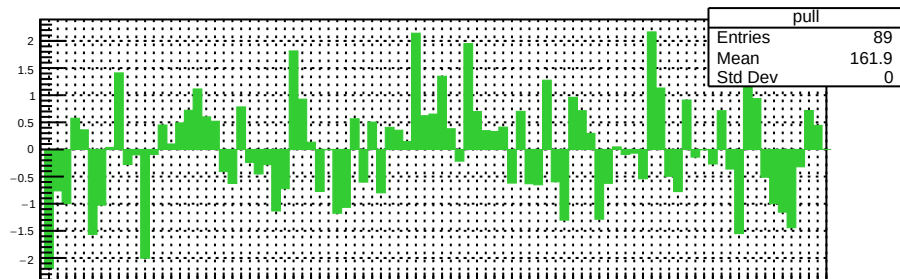
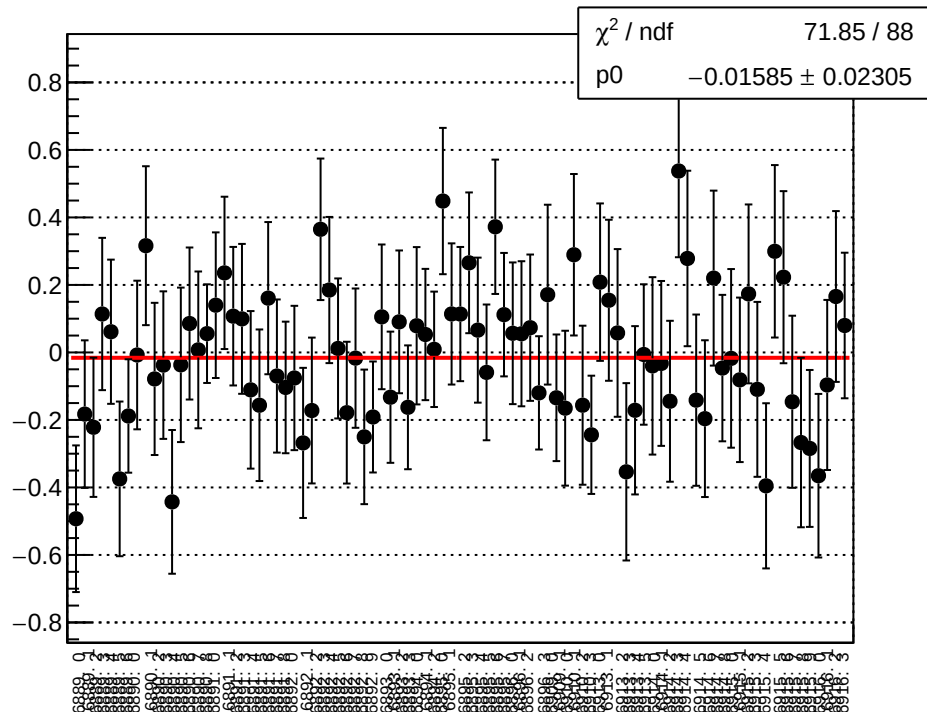
asym_sam8_eigen_dit_vs_cor_diff_mean vs run



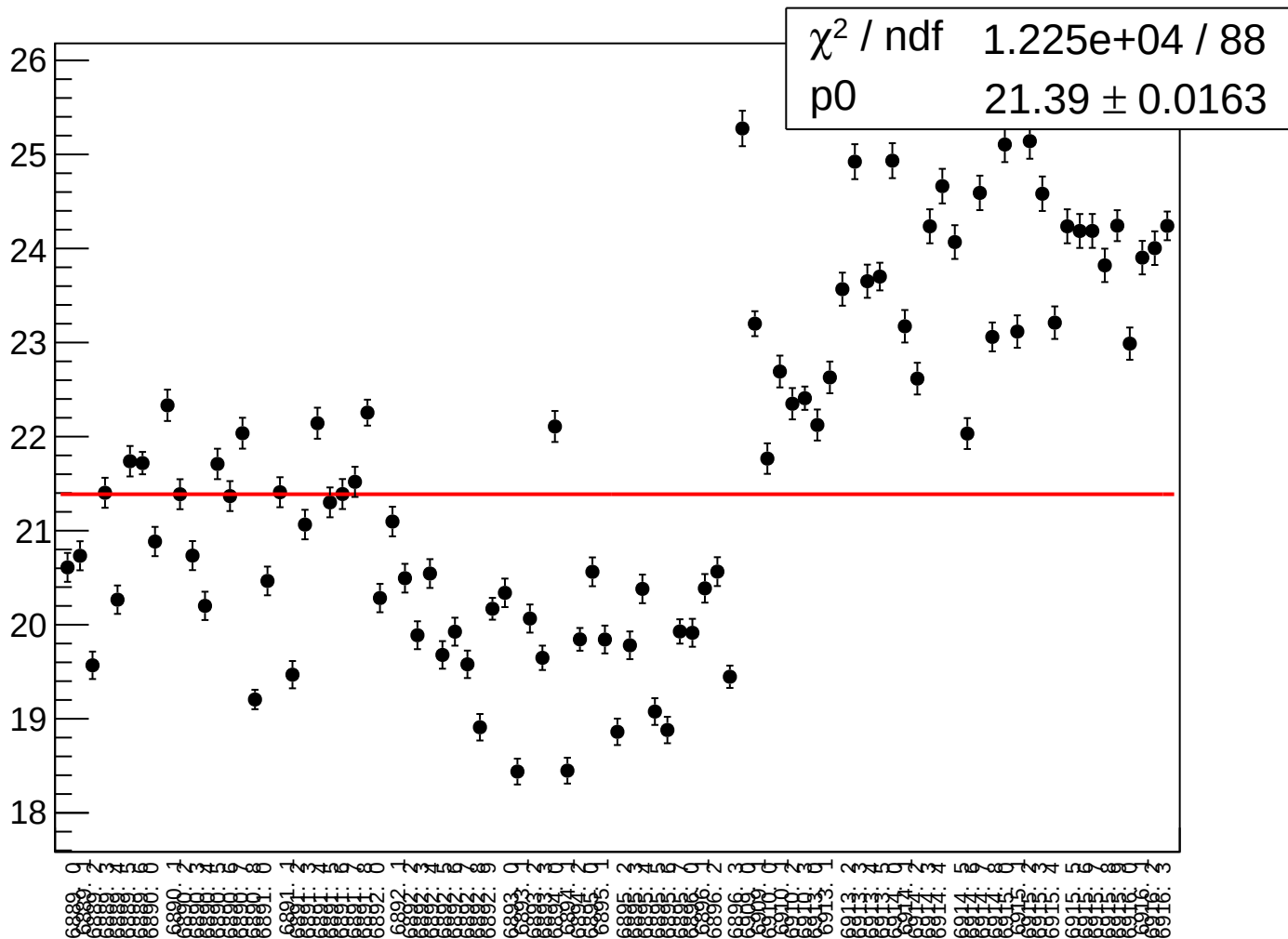
asym_sam8_eigen_dit_vs_cor_diff_rms vs run



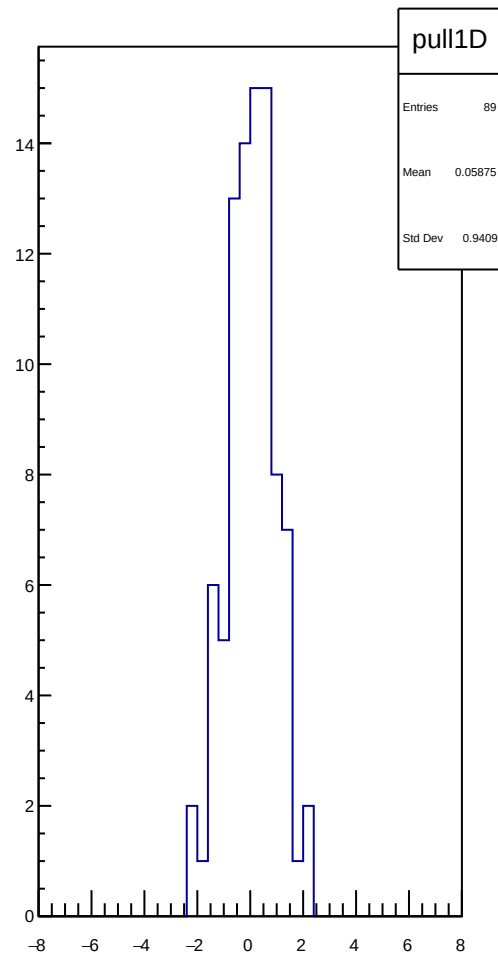
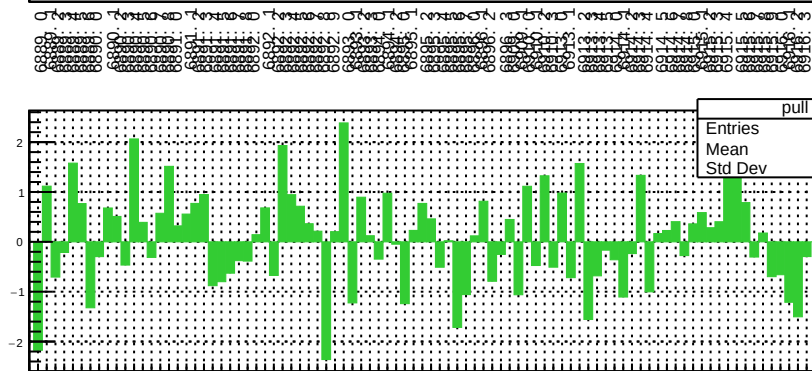
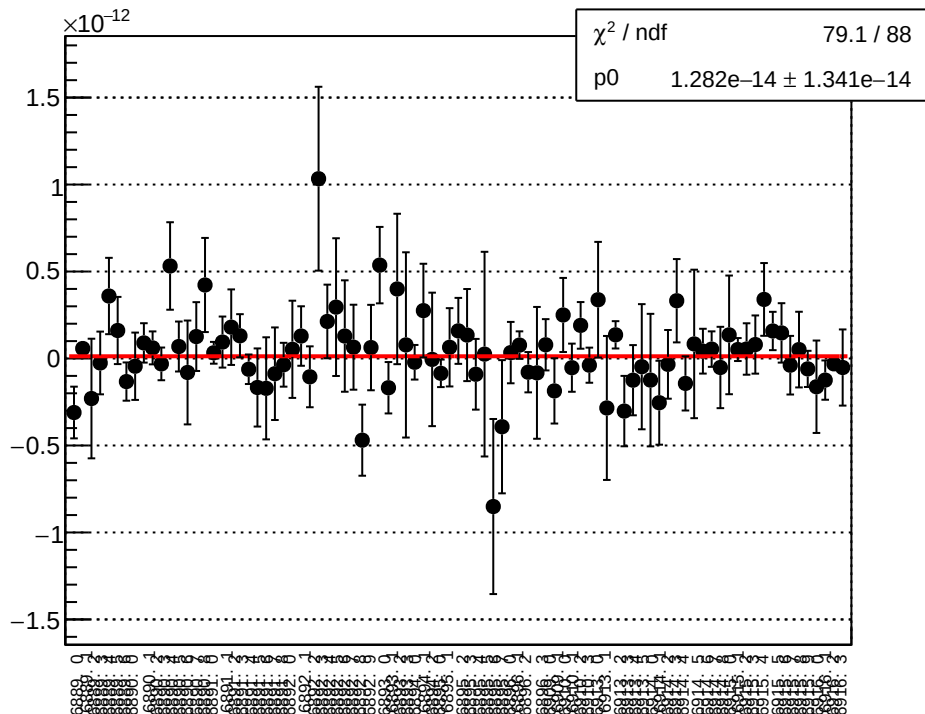
asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs run



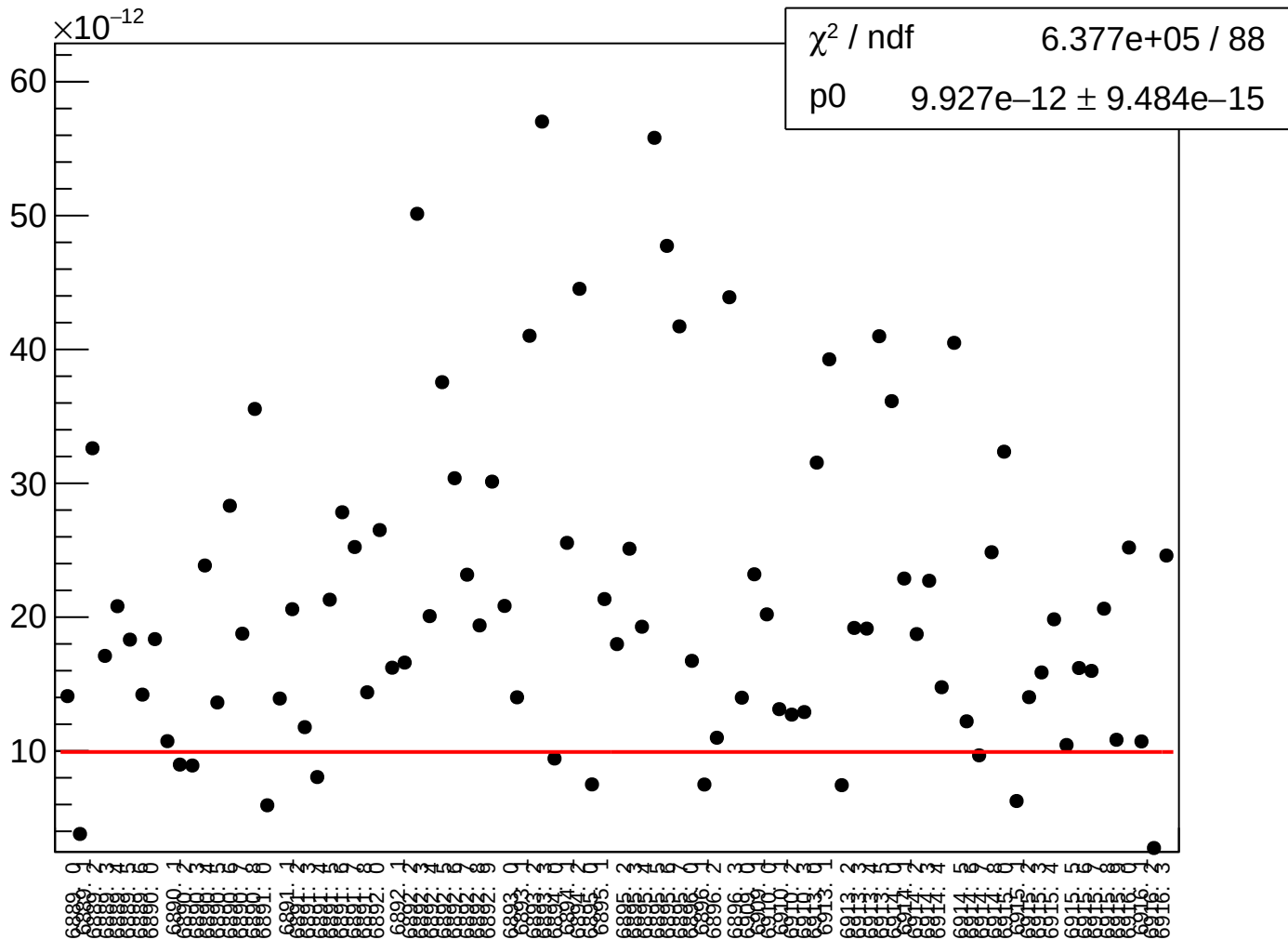
asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs run



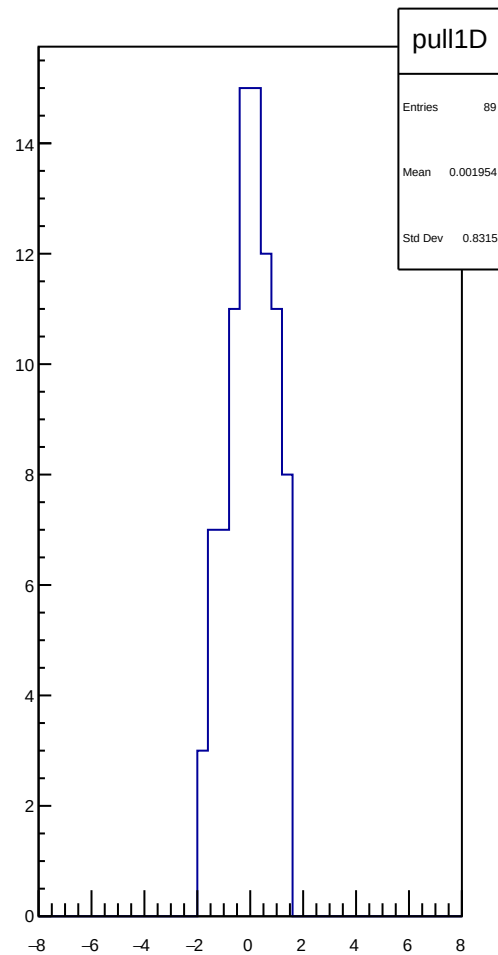
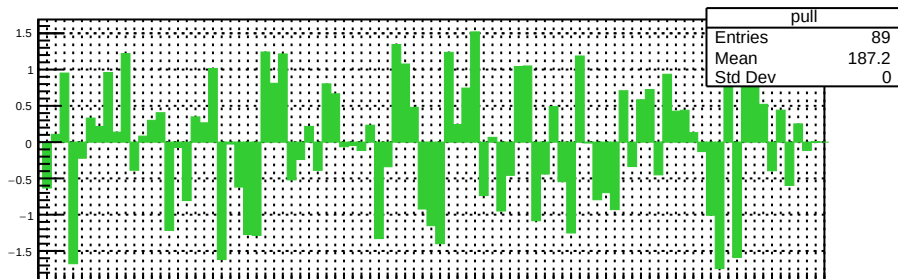
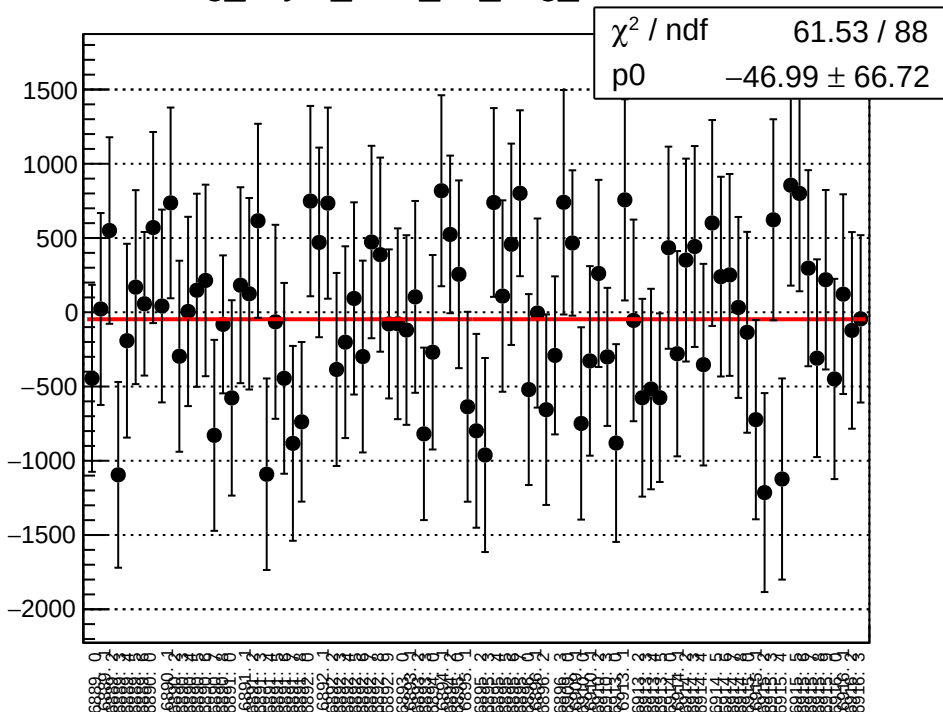
asym_sam8_eigen_cor_vs_cor_diff_mean vs run



asym_sam8_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_15_avg_mean vs run



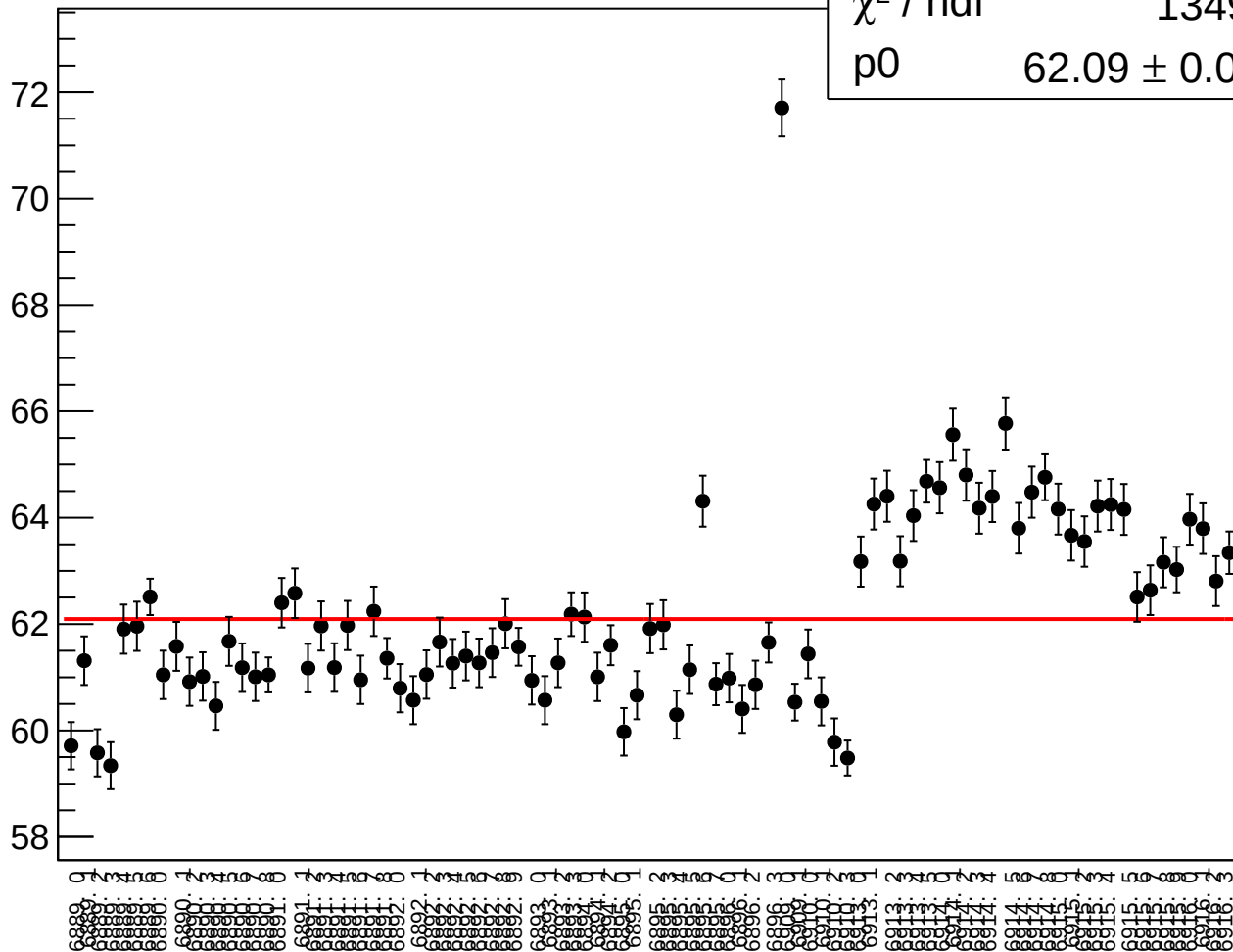
reg_asym_sam_15_avg_rms vs run

χ^2 / ndf

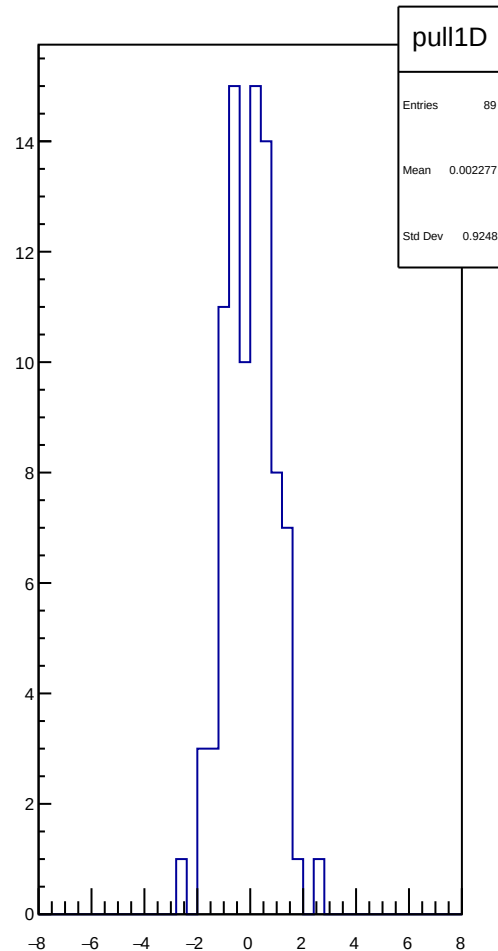
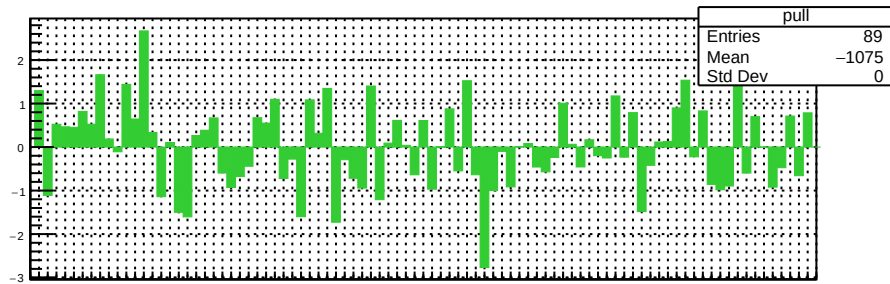
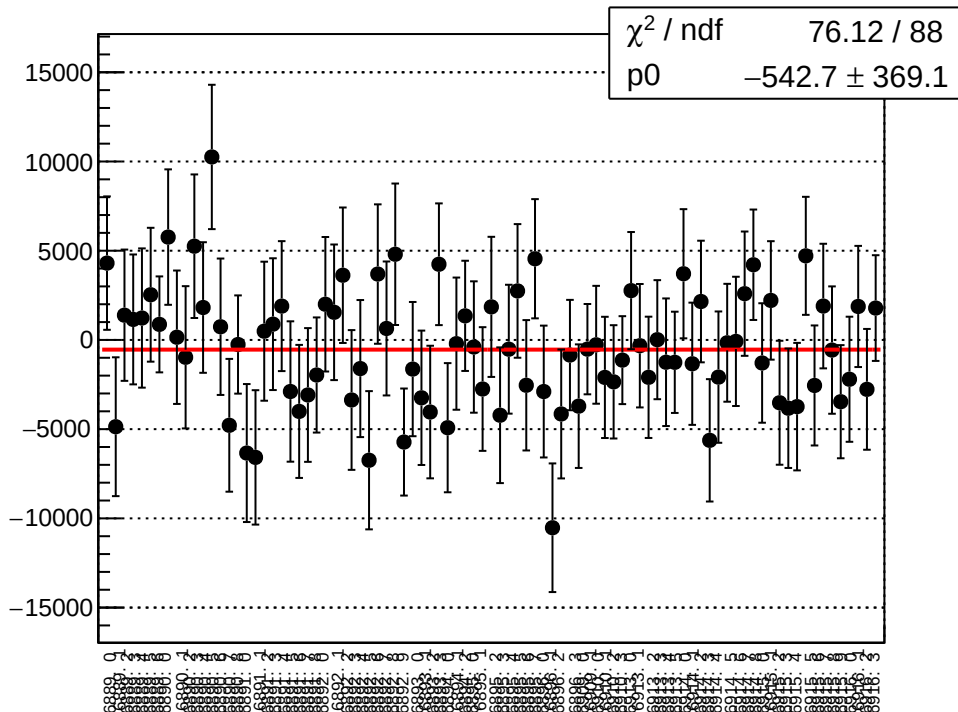
1349 / 88

p0

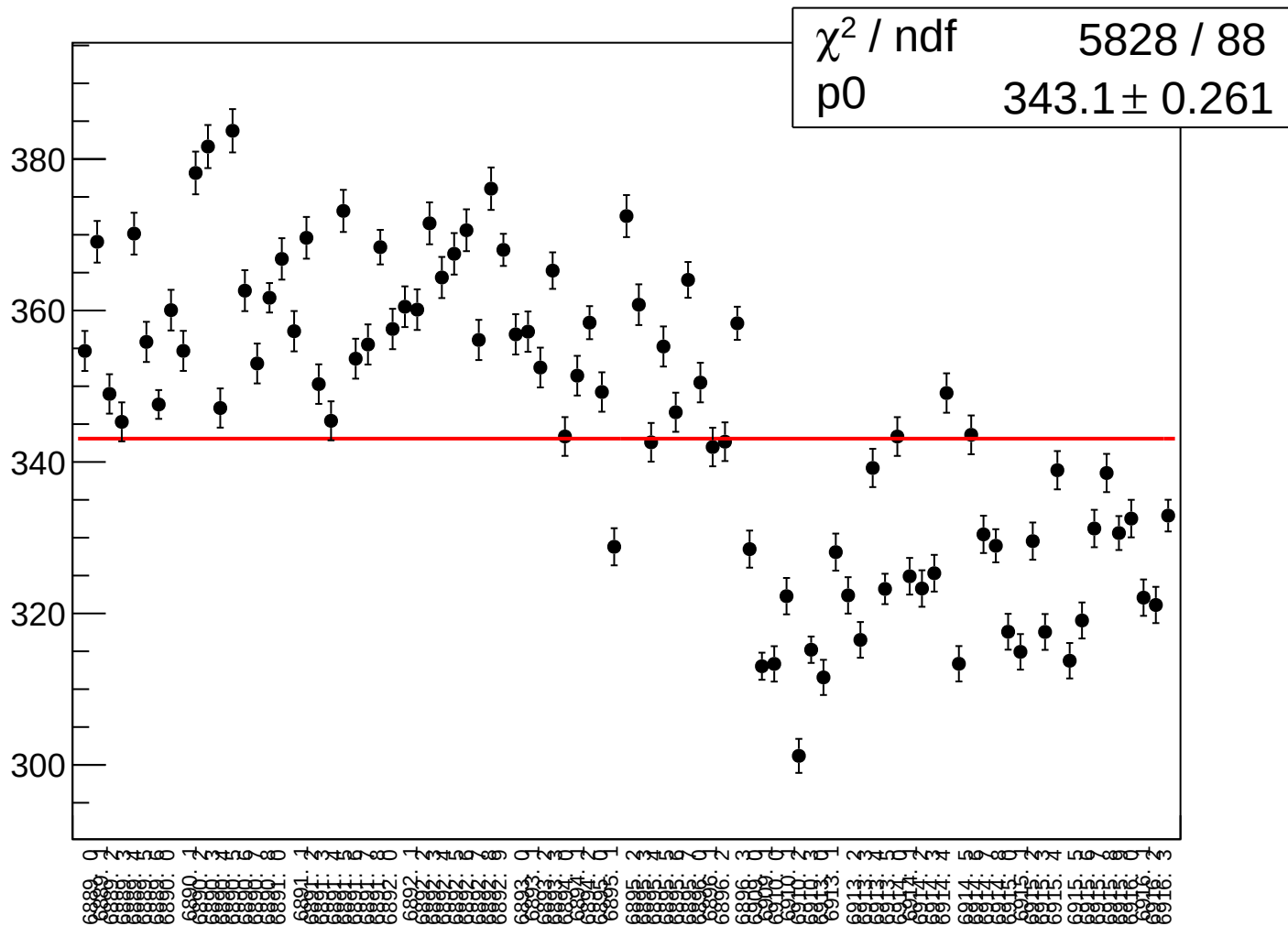
62.09 ± 0.04718



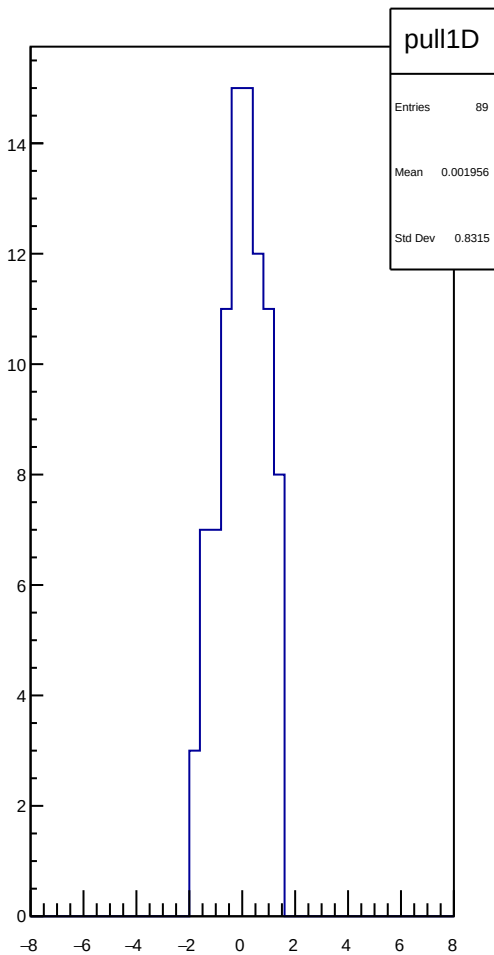
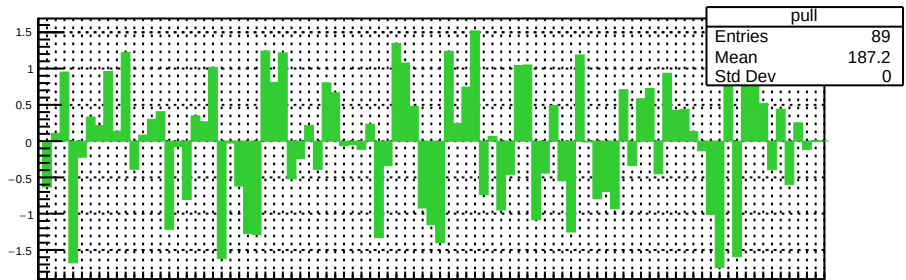
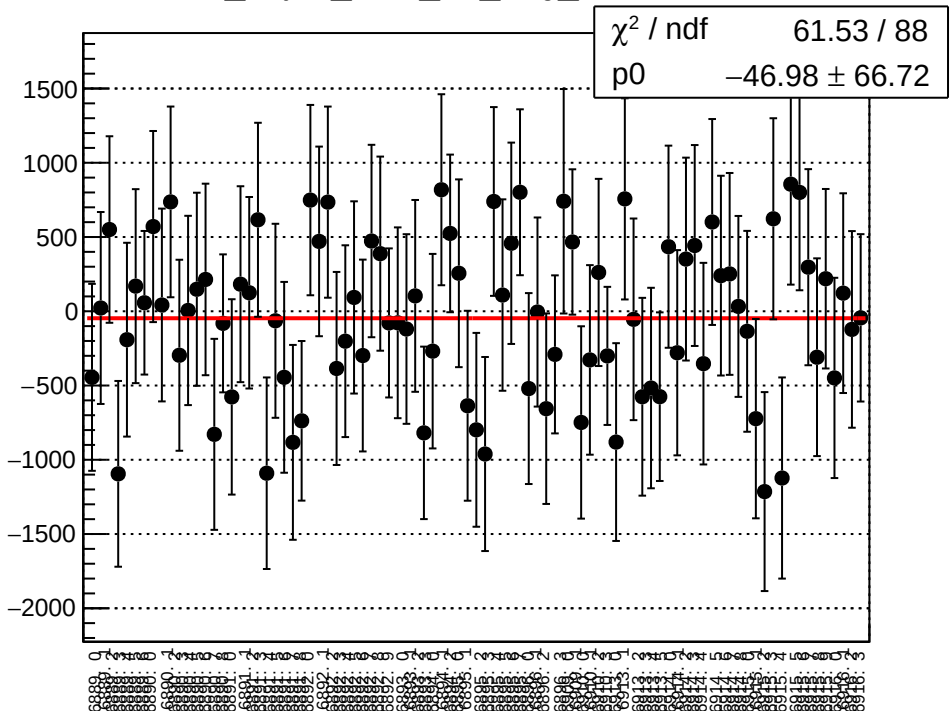
asym_sam_15_avg_reg_correction_mean vs run



asym_sam_15_avg_reg_correction_rms vs run



cor_asym_sam_15_avg_mean vs run



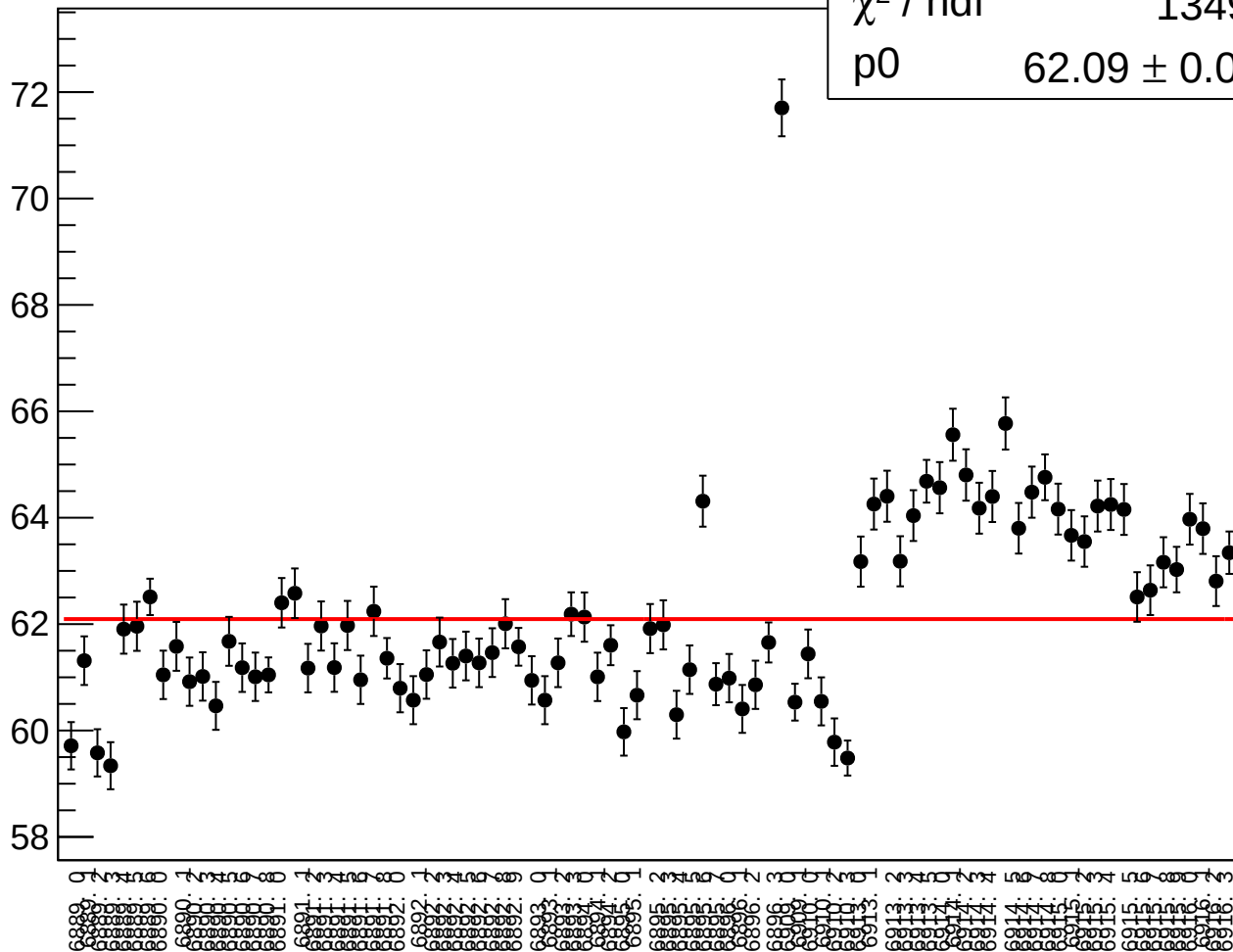
cor_asym_sam_15_avg_rms vs run

χ^2 / ndf

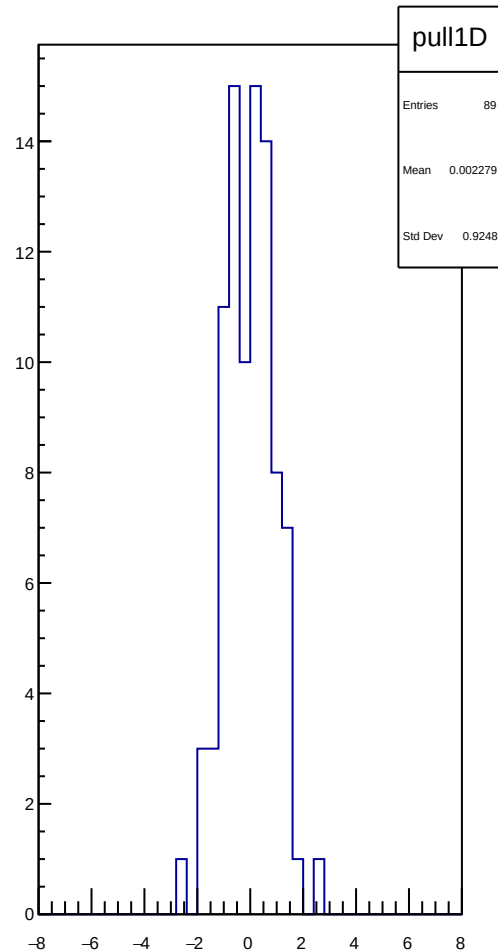
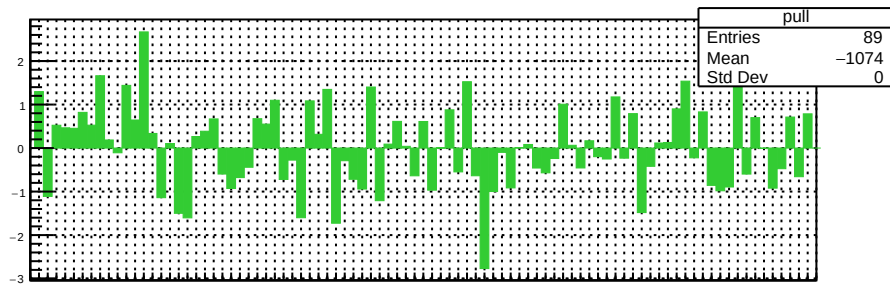
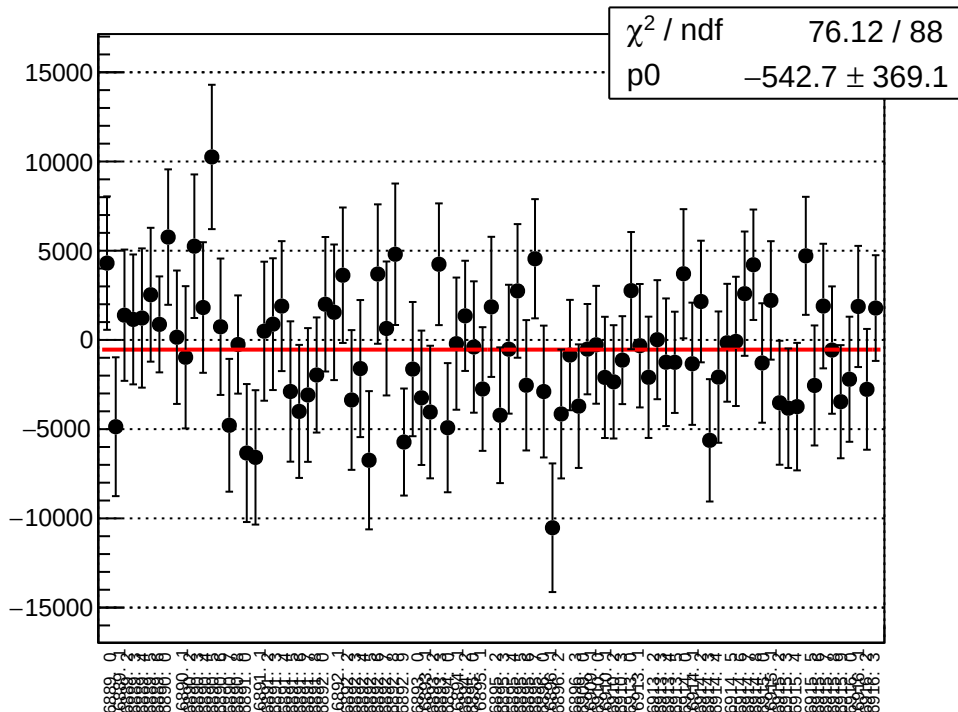
1349 / 88

p0

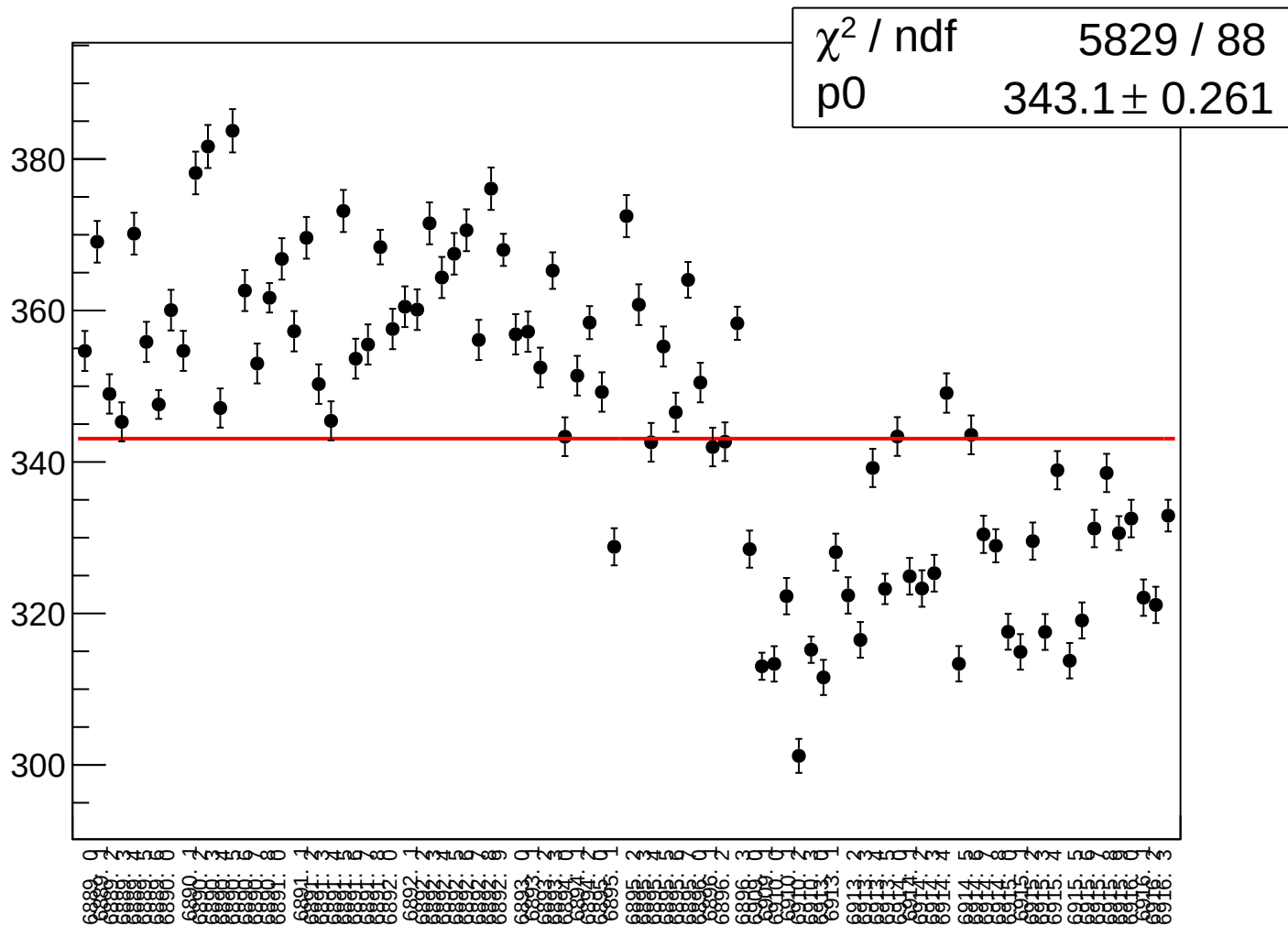
62.09 ± 0.04718



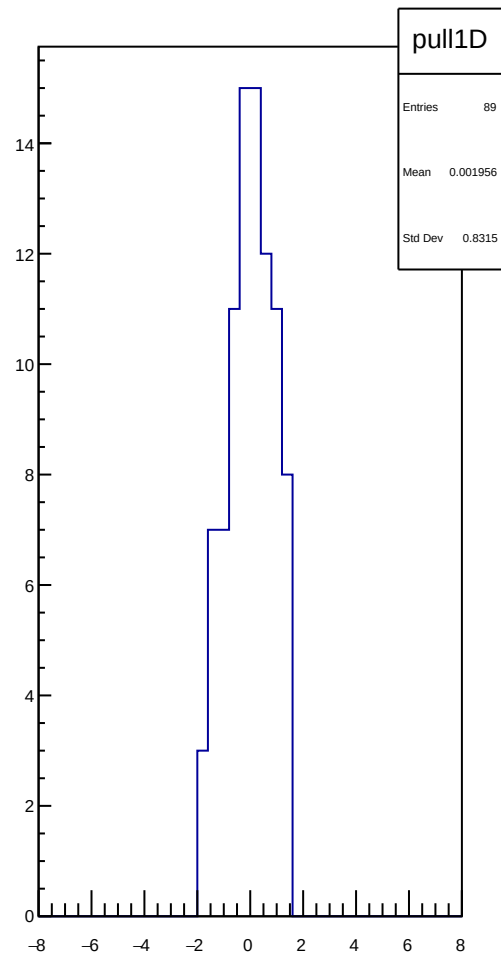
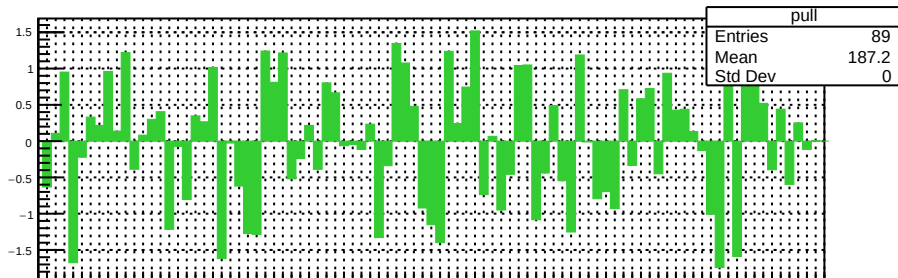
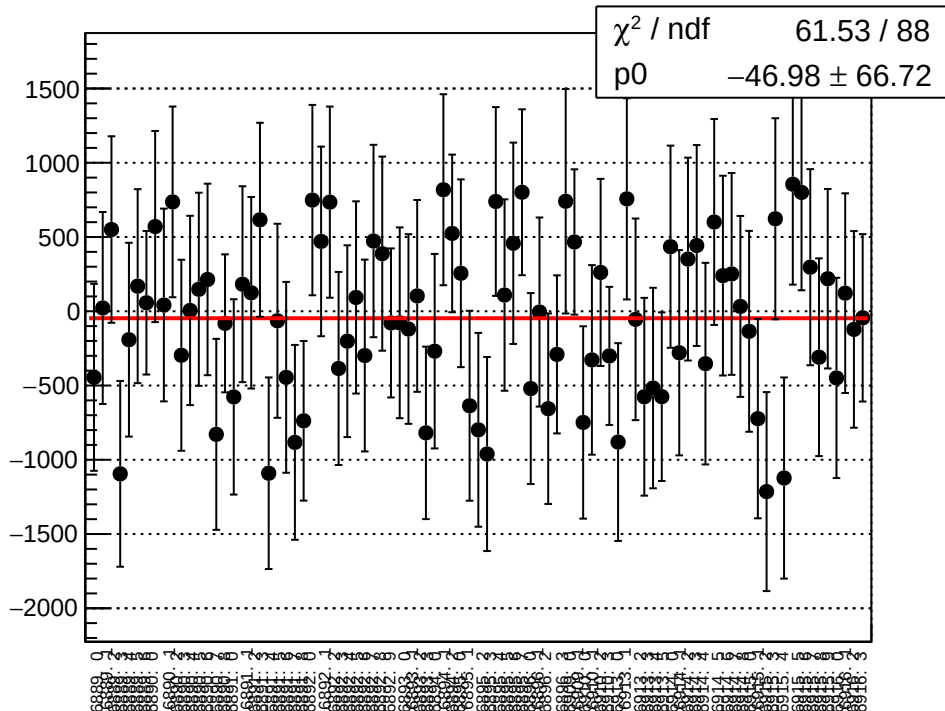
asym_sam_15_avg_cor_correction_mean vs run



asym_sam_15_avg_cor_correction_rms vs run



eigen_cor_asym_sam_15_avg_mean vs run



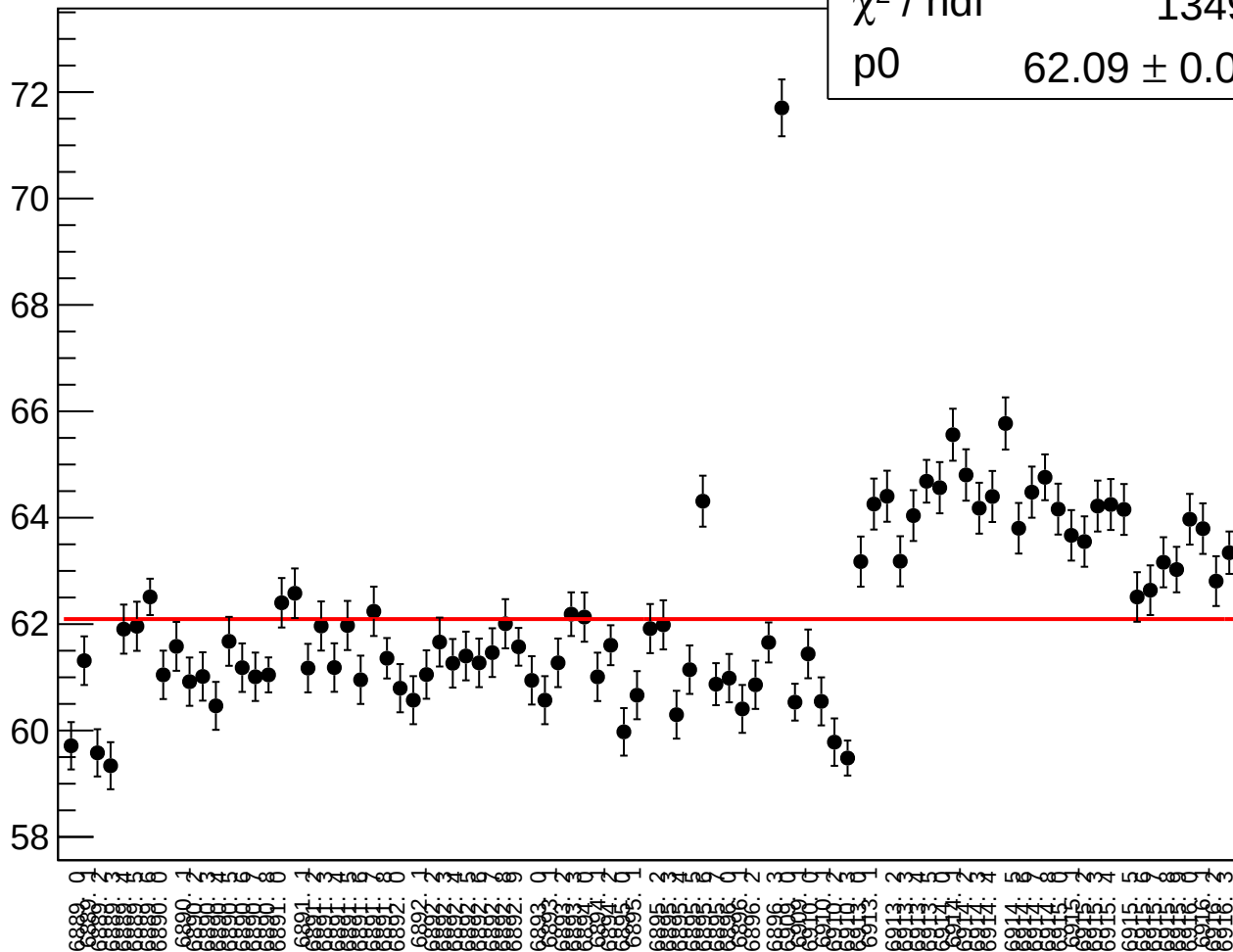
eigen_cor_asym_sam_15_avg_rms vs run

χ^2 / ndf

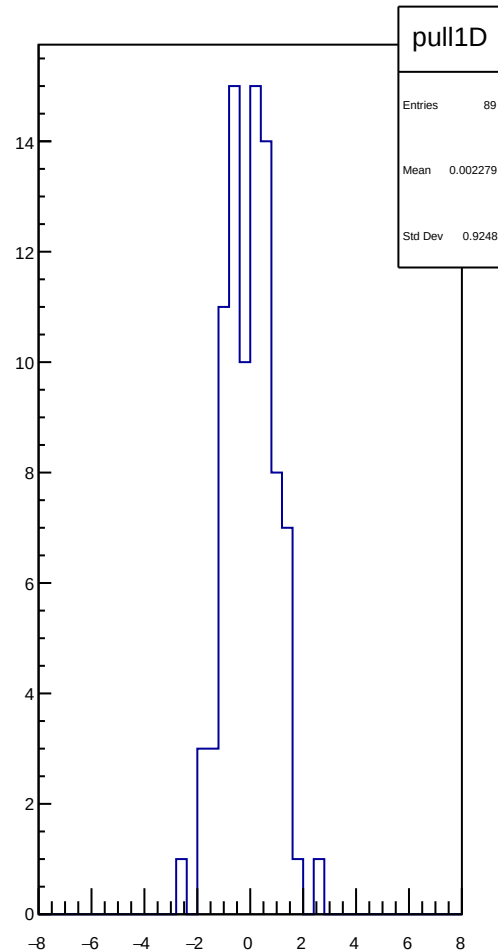
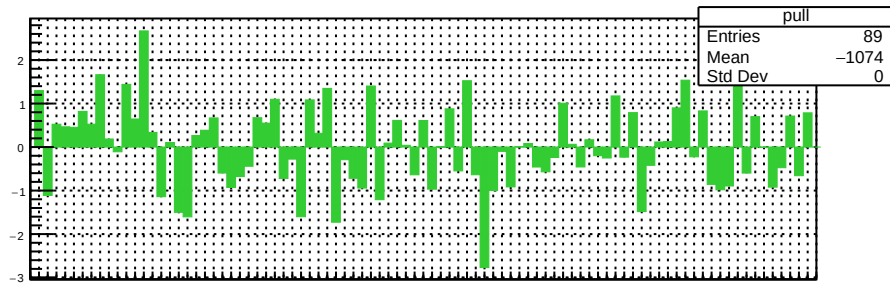
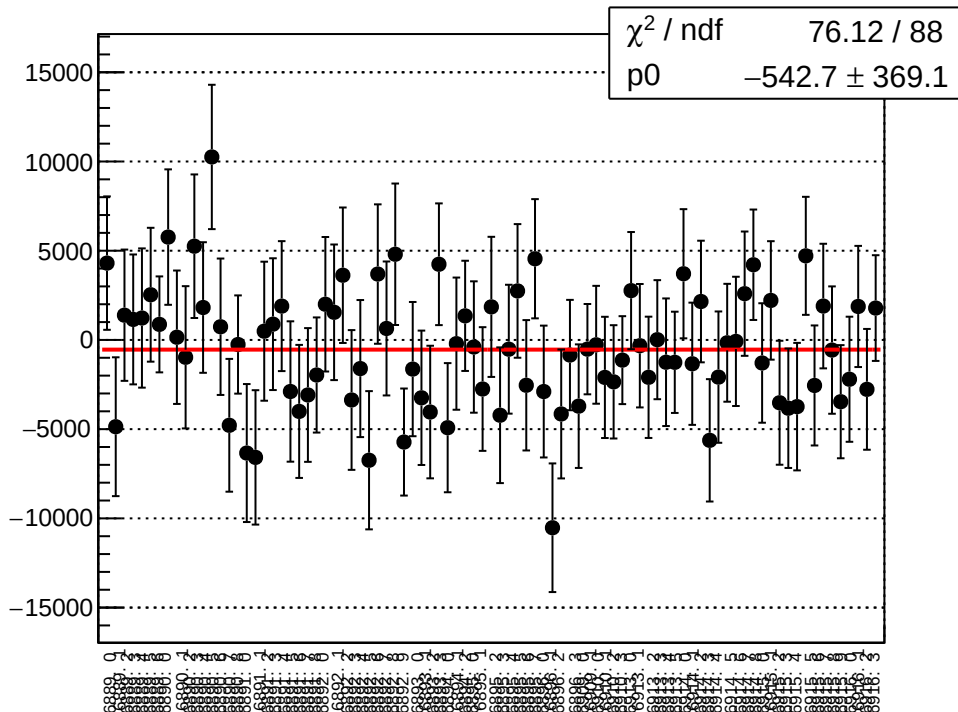
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p0

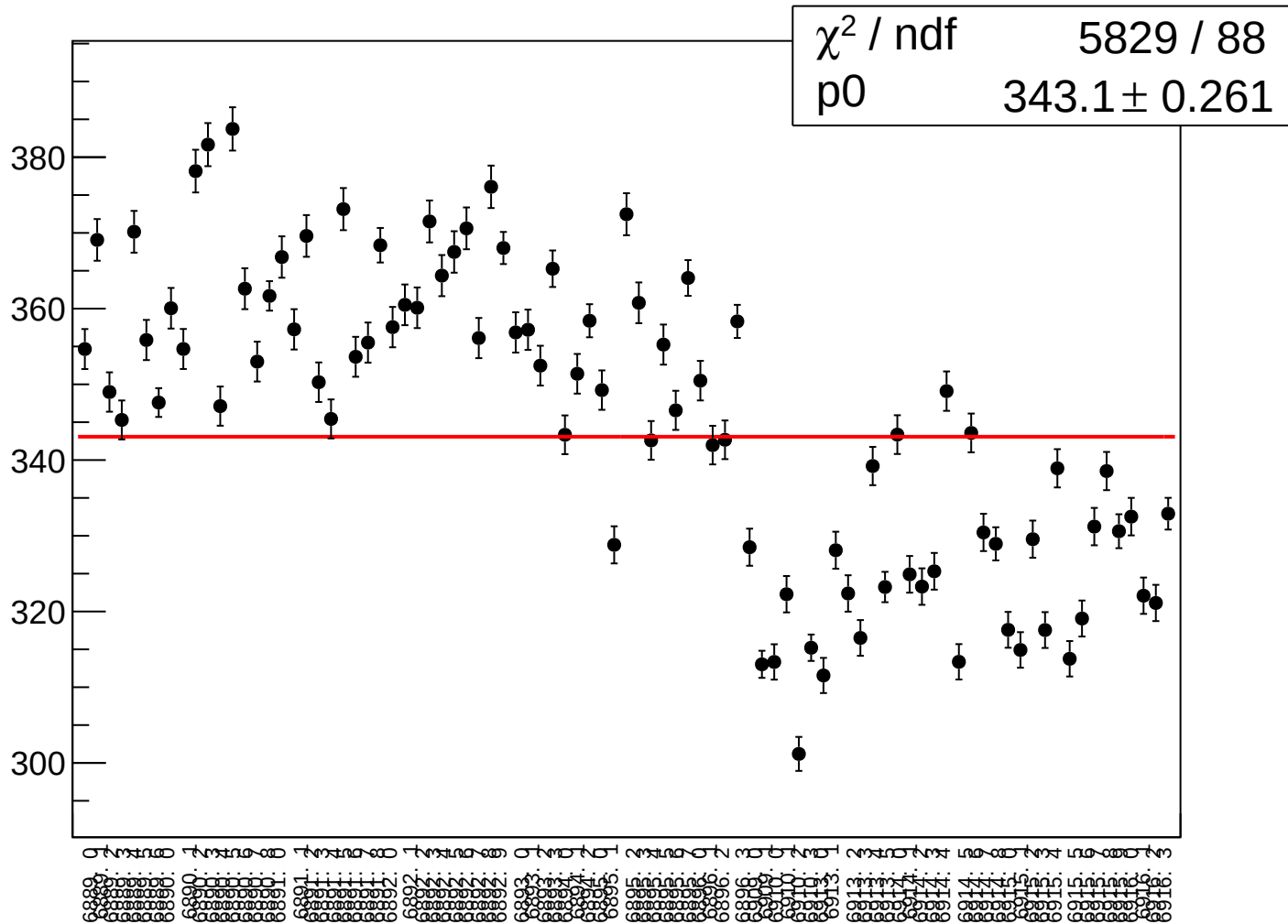
62.09 ± 0.04718



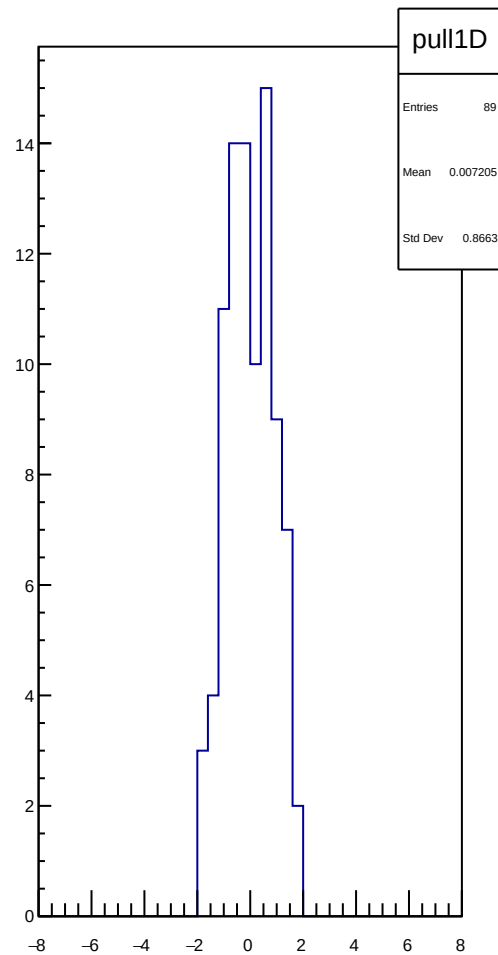
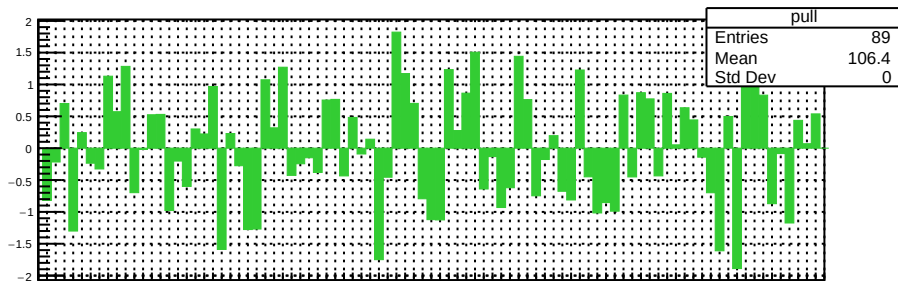
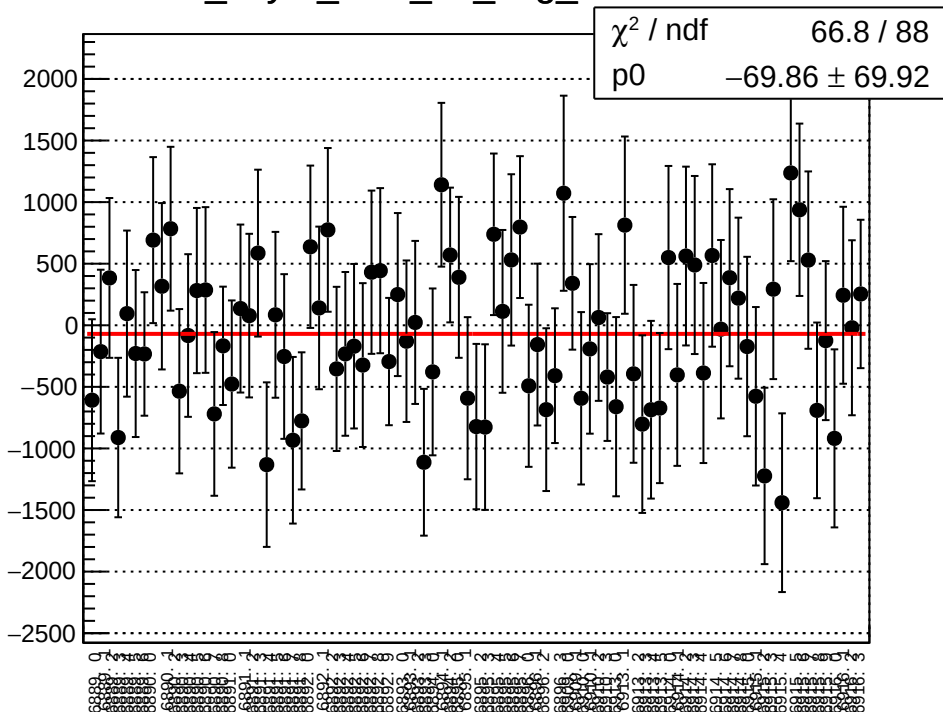
asym_sam_15_avg_eigen_cor_correction_mean vs run



asym_sam_15_avg_eigen_cor_correction_rms vs run



dit_asym_sam_15_avg_mean vs run



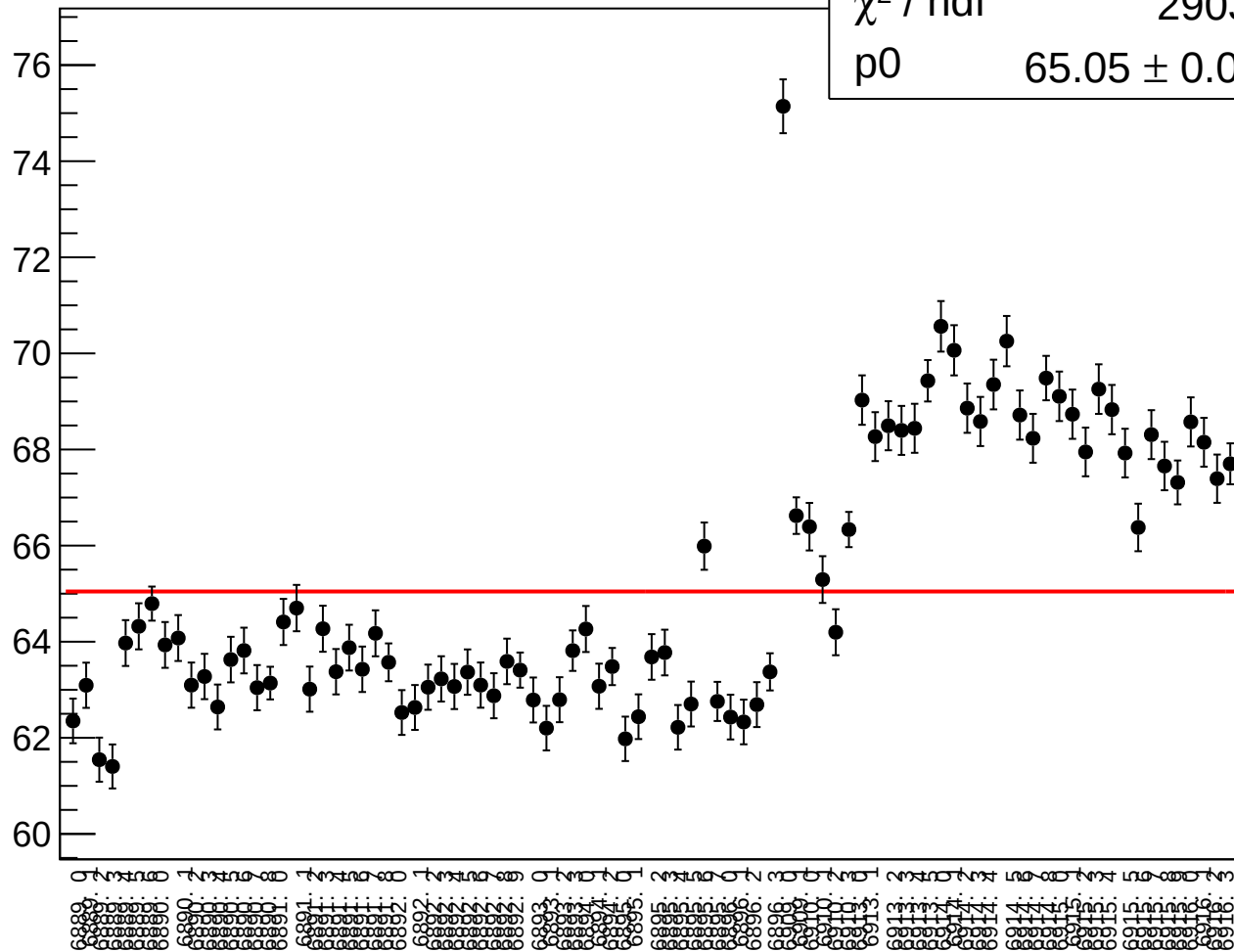
dit_asym_sam_15_avg_rms vs run

χ^2 / ndf

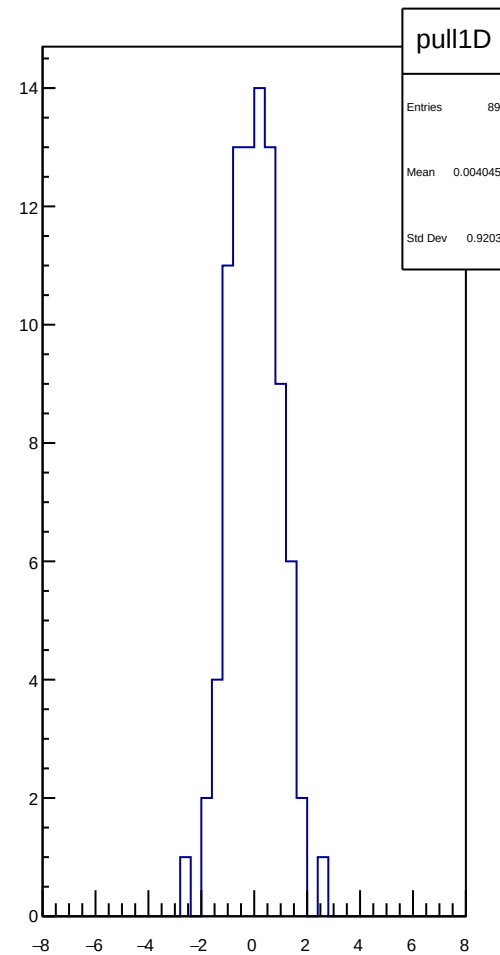
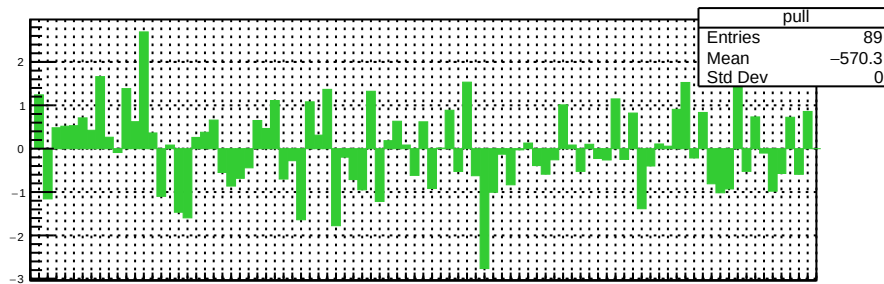
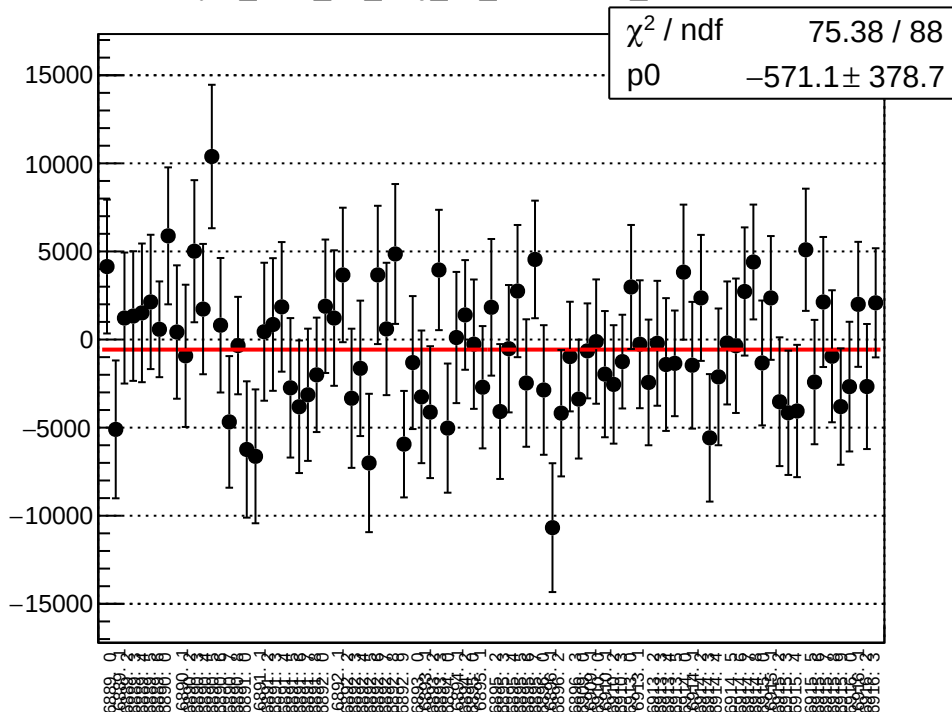
2903 / 88

p0

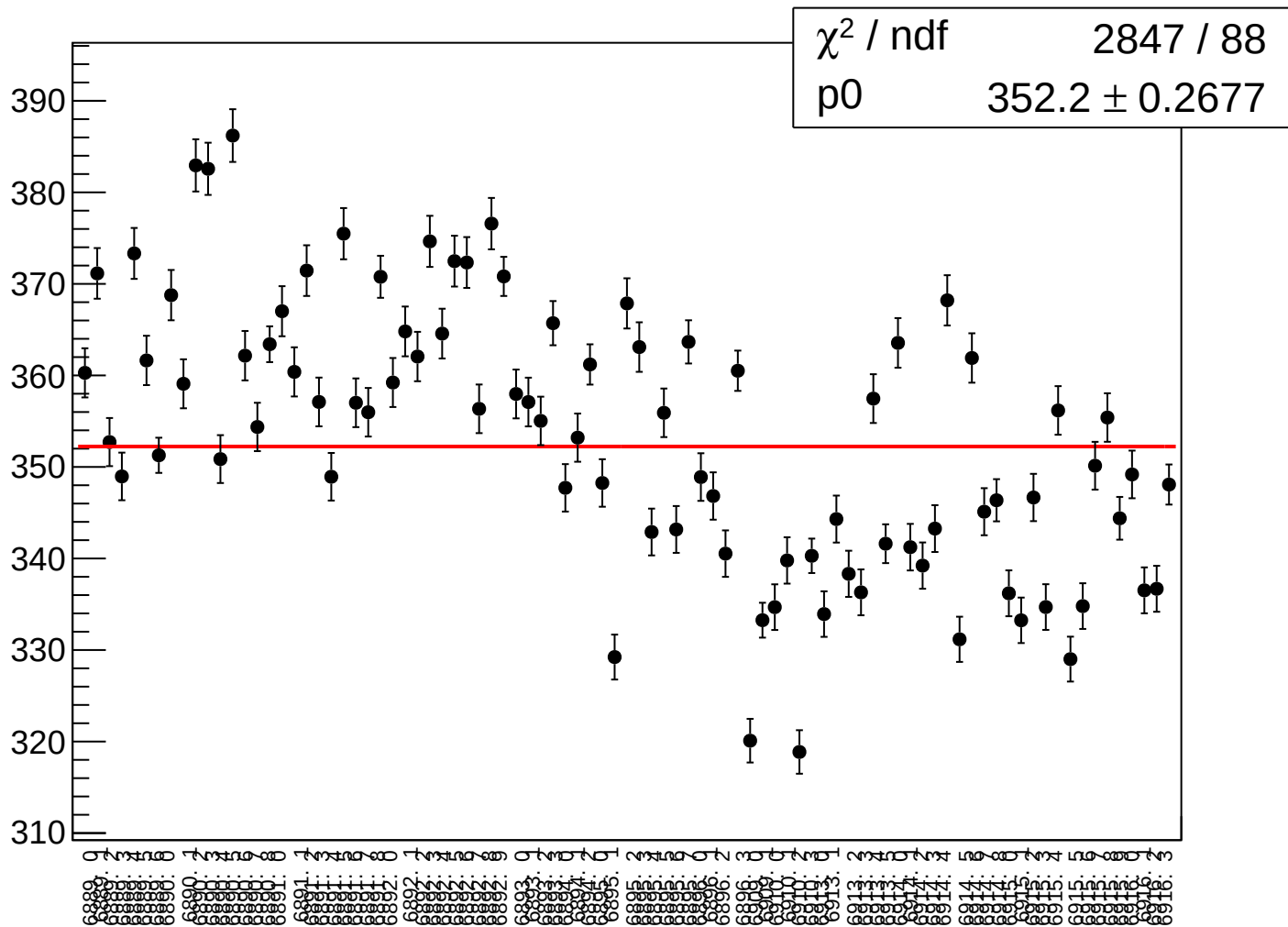
65.05 ± 0.04944



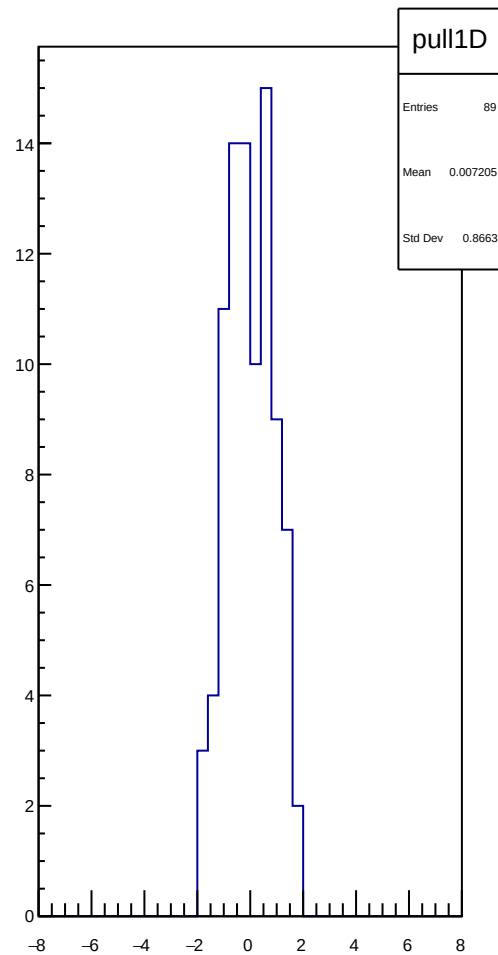
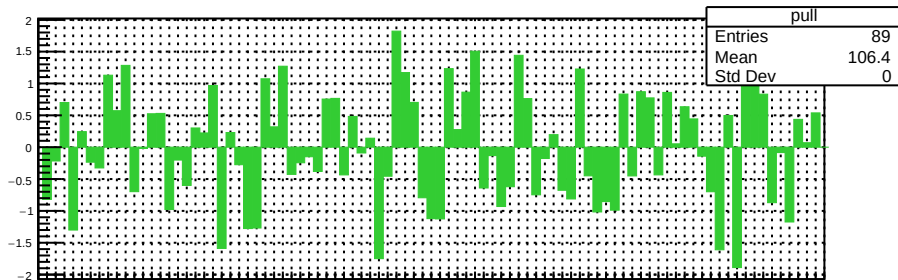
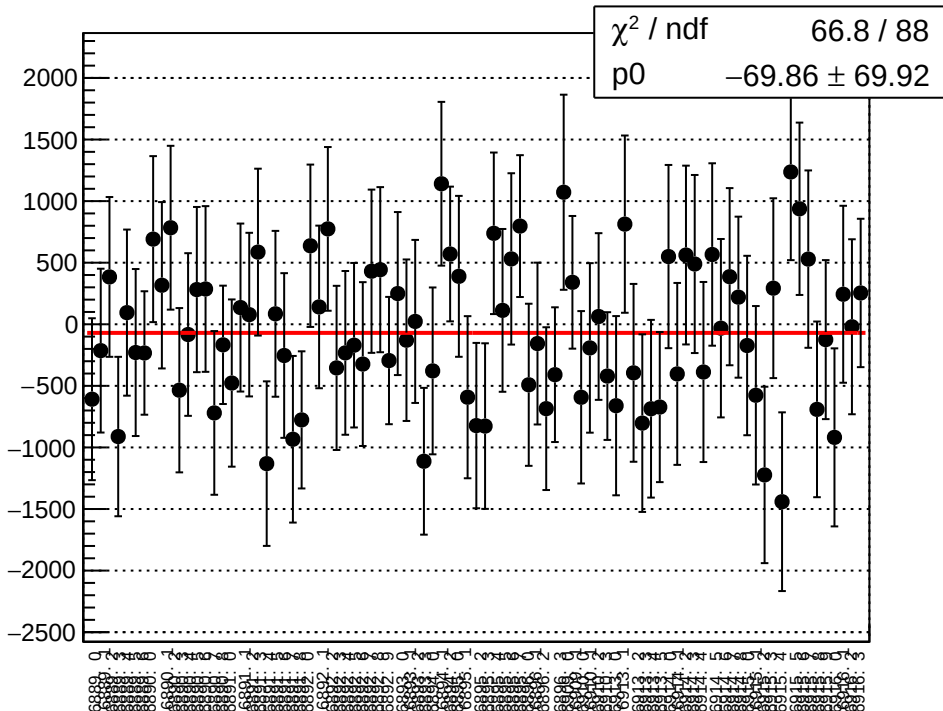
asym_sam_15_avg_dit_correction_mean vs run



asym_sam_15_avg_dit_correction_rms vs run



eigen_dit_asym_sam_15_avg_mean vs run



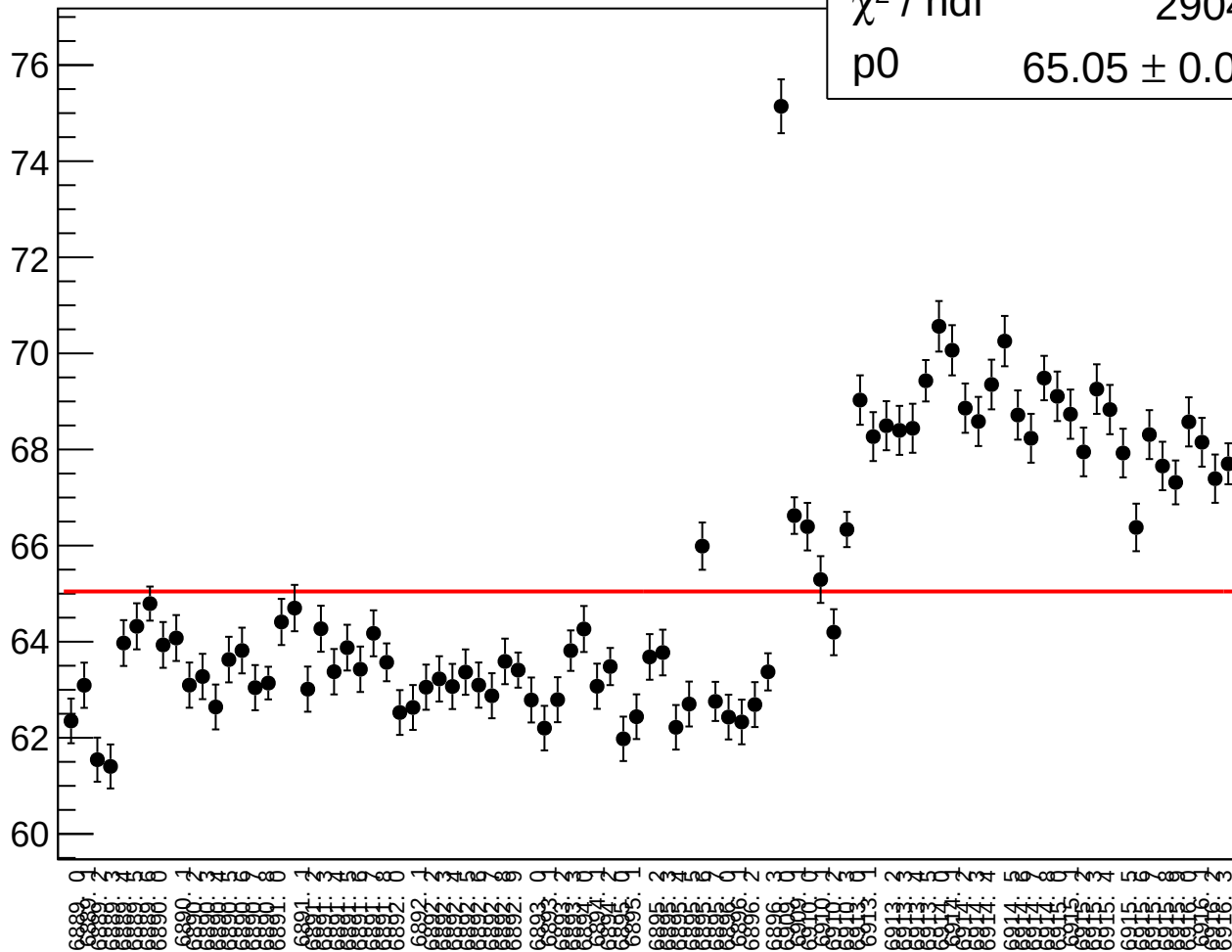
eigen_dit_asym_sam_15_avg_rms vs run

χ^2 / ndf

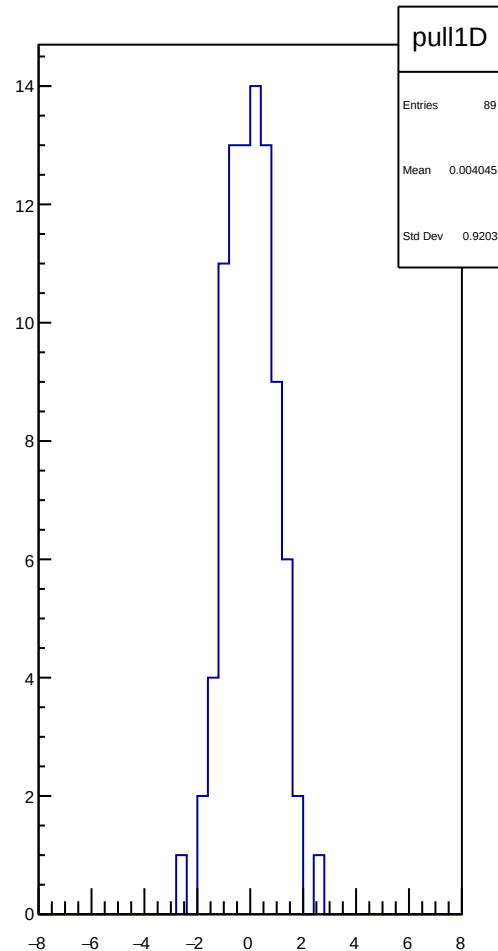
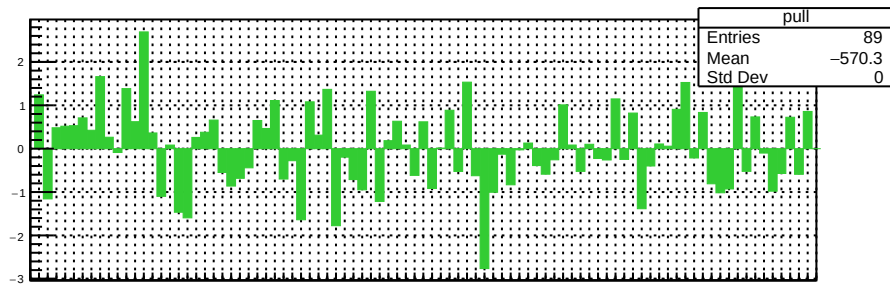
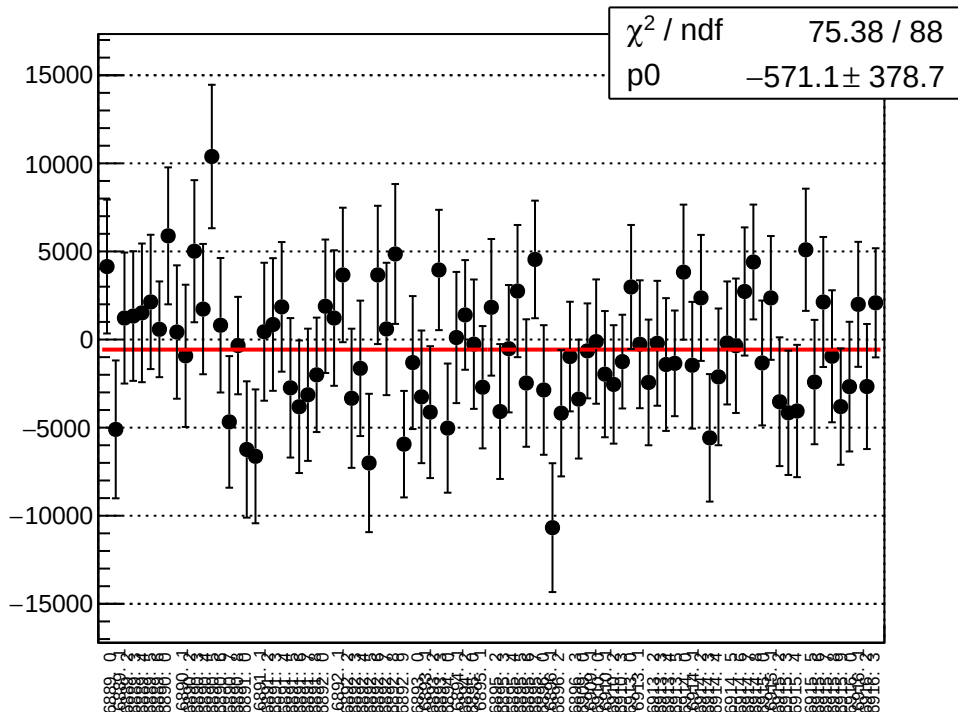
2904 / 88

p0

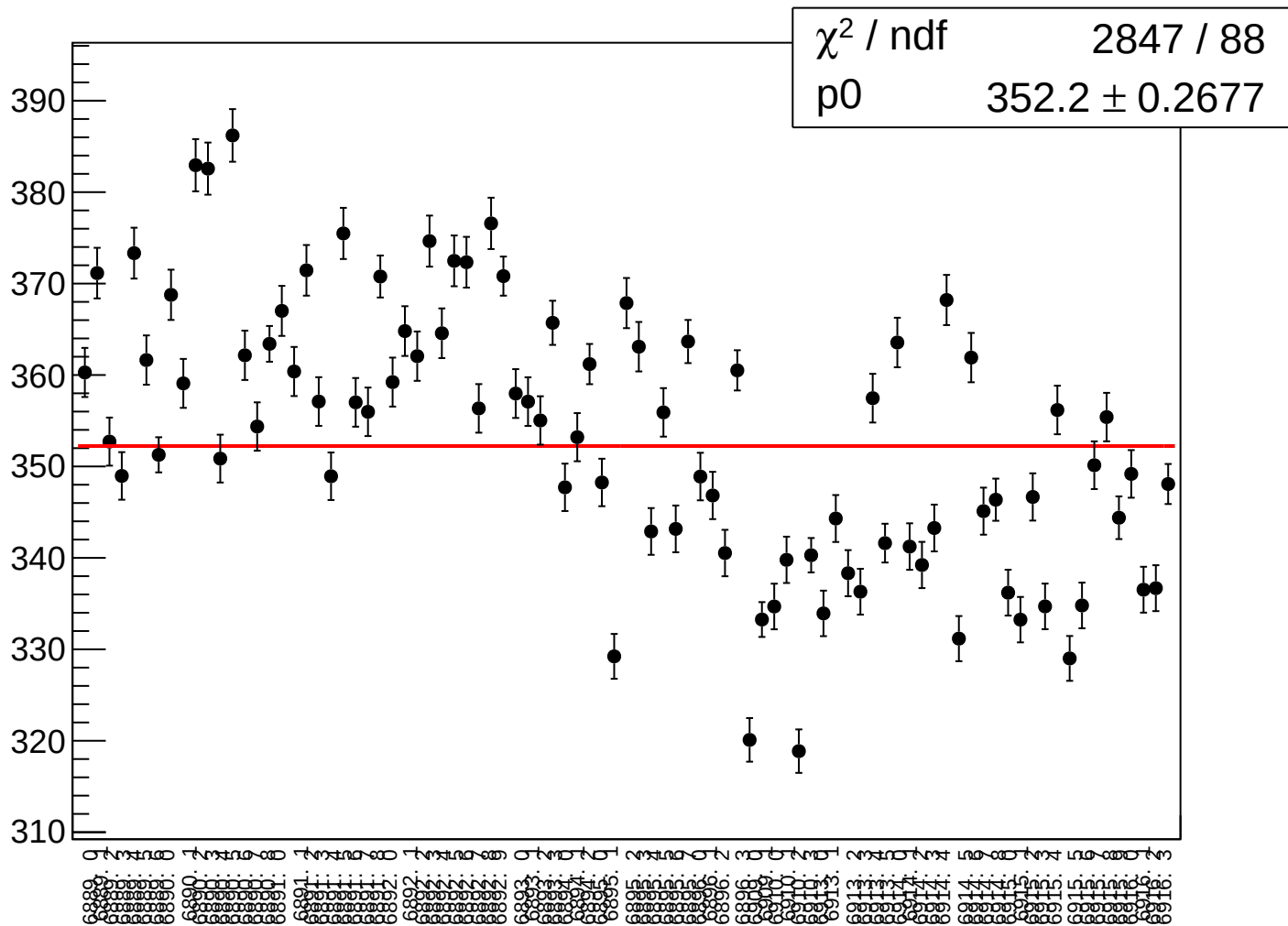
65.05 ± 0.04944



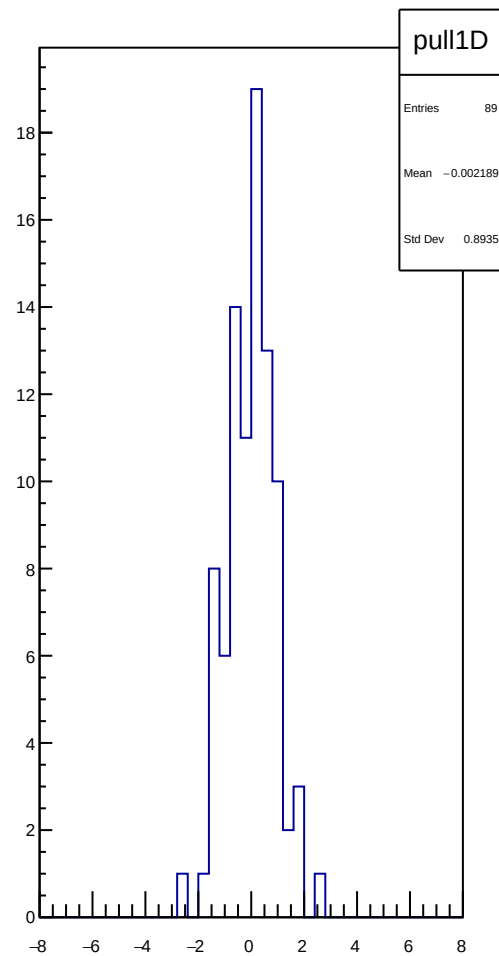
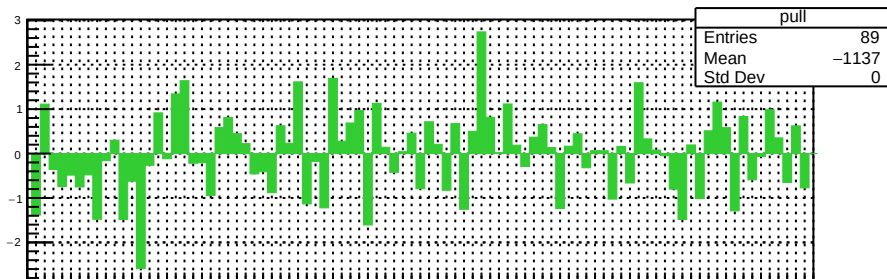
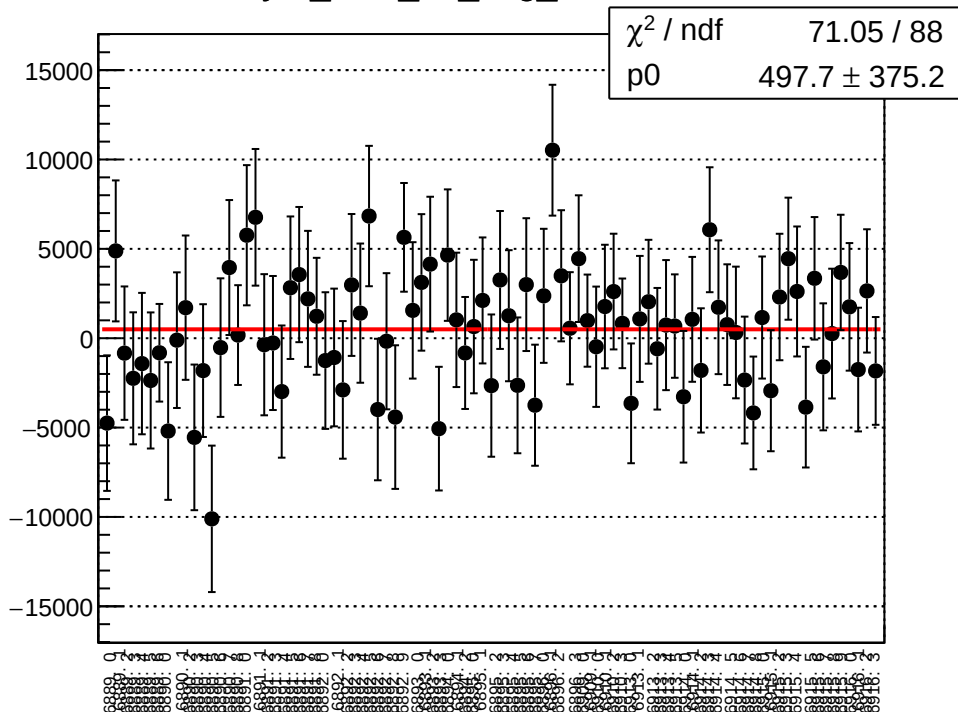
asym_sam_15_avg_eigen_dit_correction_mean vs run



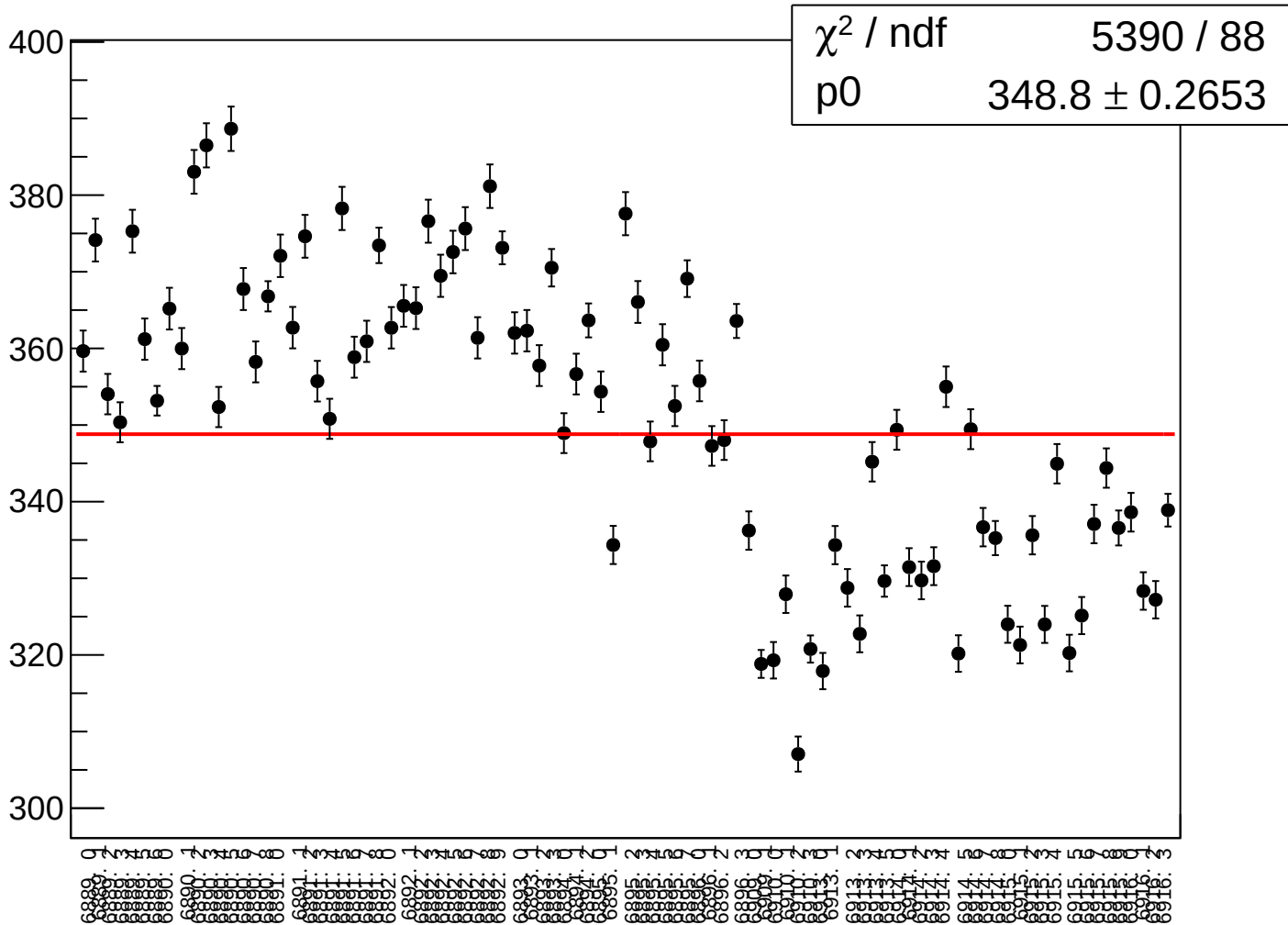
asym_sam_15_avg_eigen_dit_correction_rms vs run



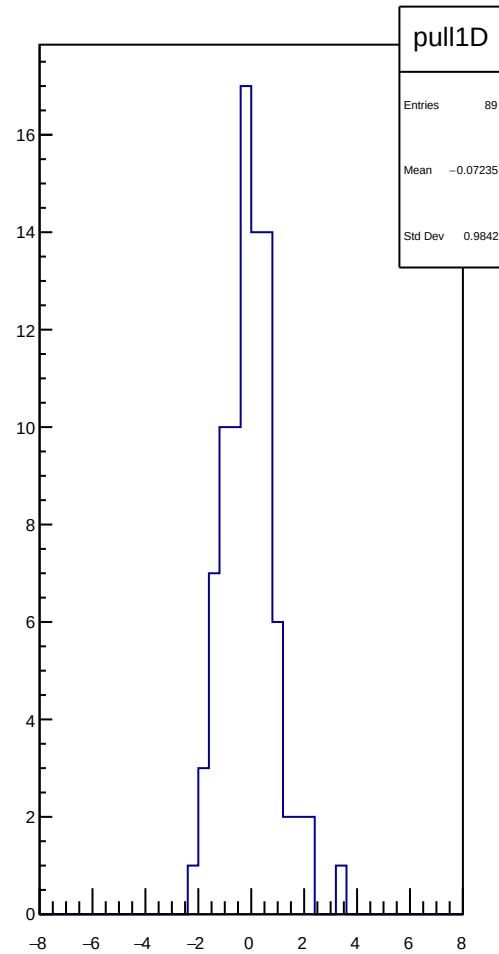
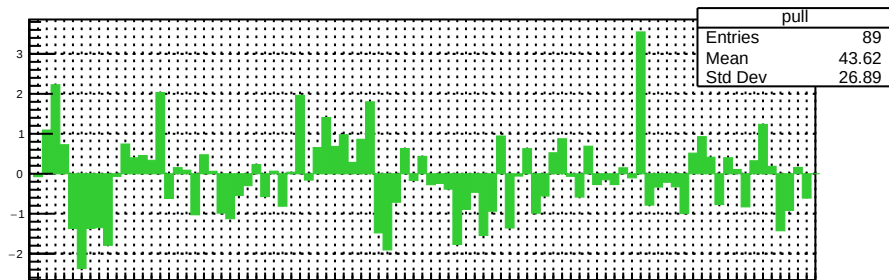
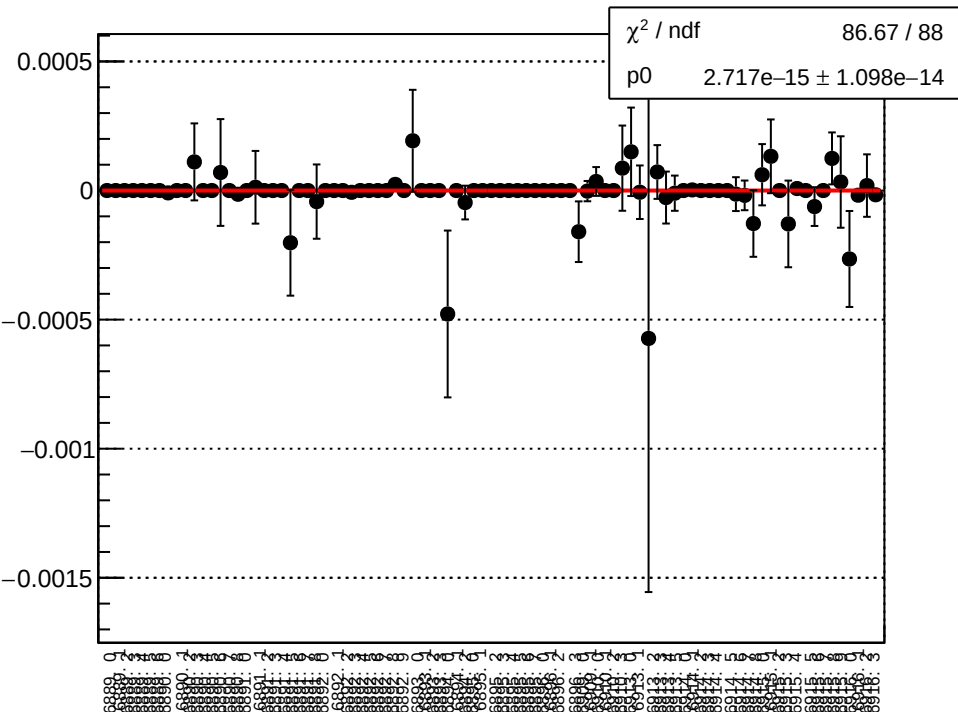
asym_sam_15_avg_mean vs run



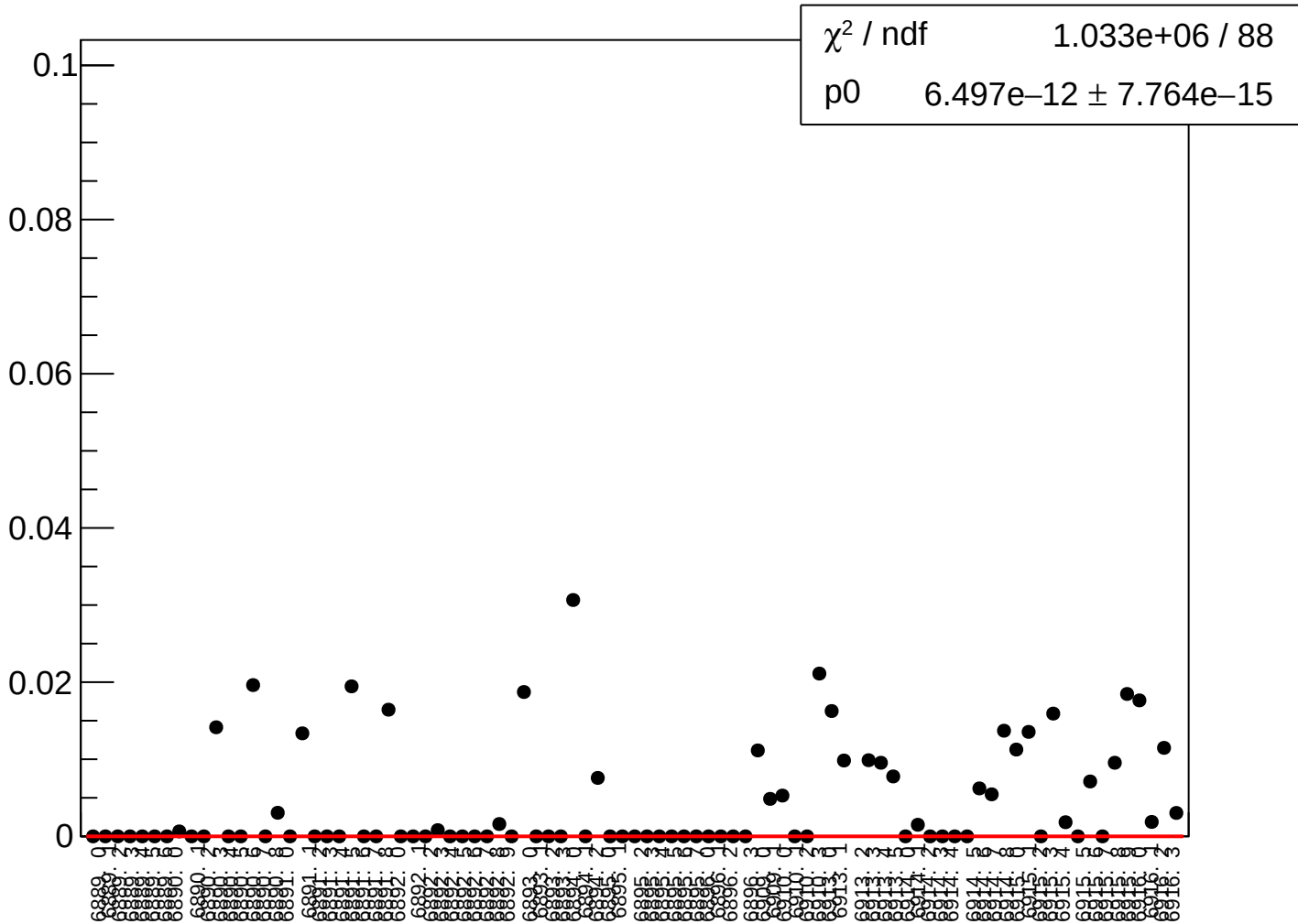
asym_sam_15_avg_rms vs run



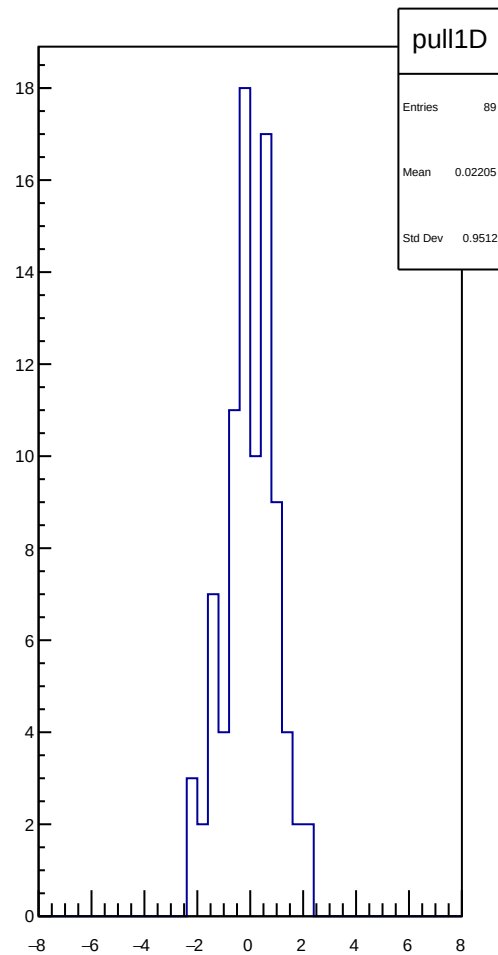
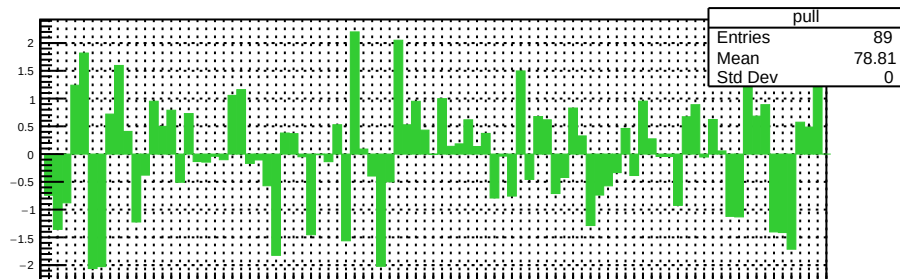
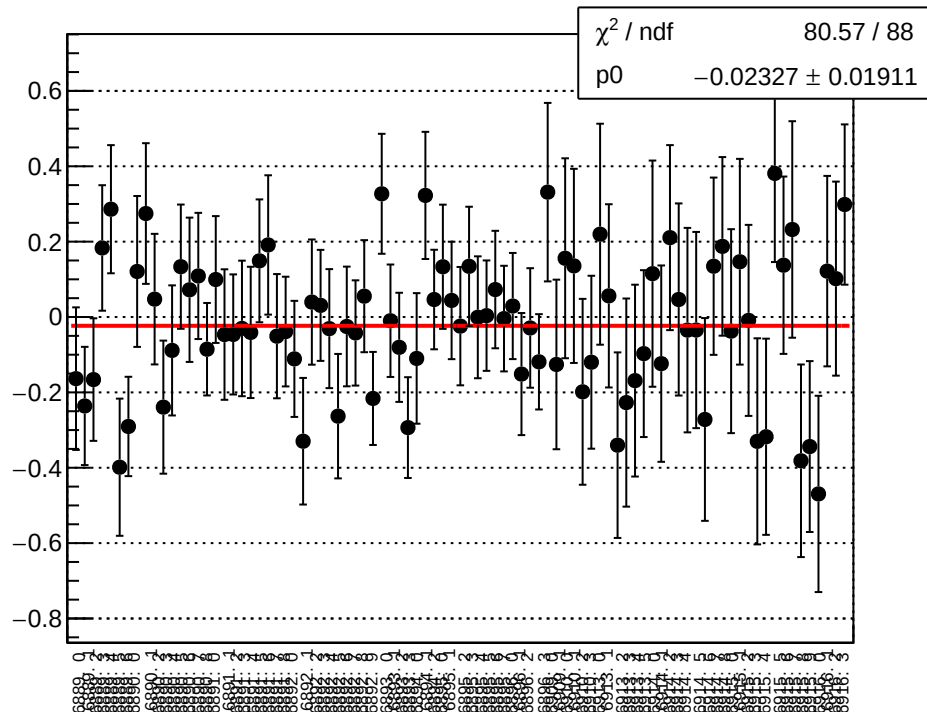
asym_sam_15_avg_reg_vs_cor_diff_mean vs run



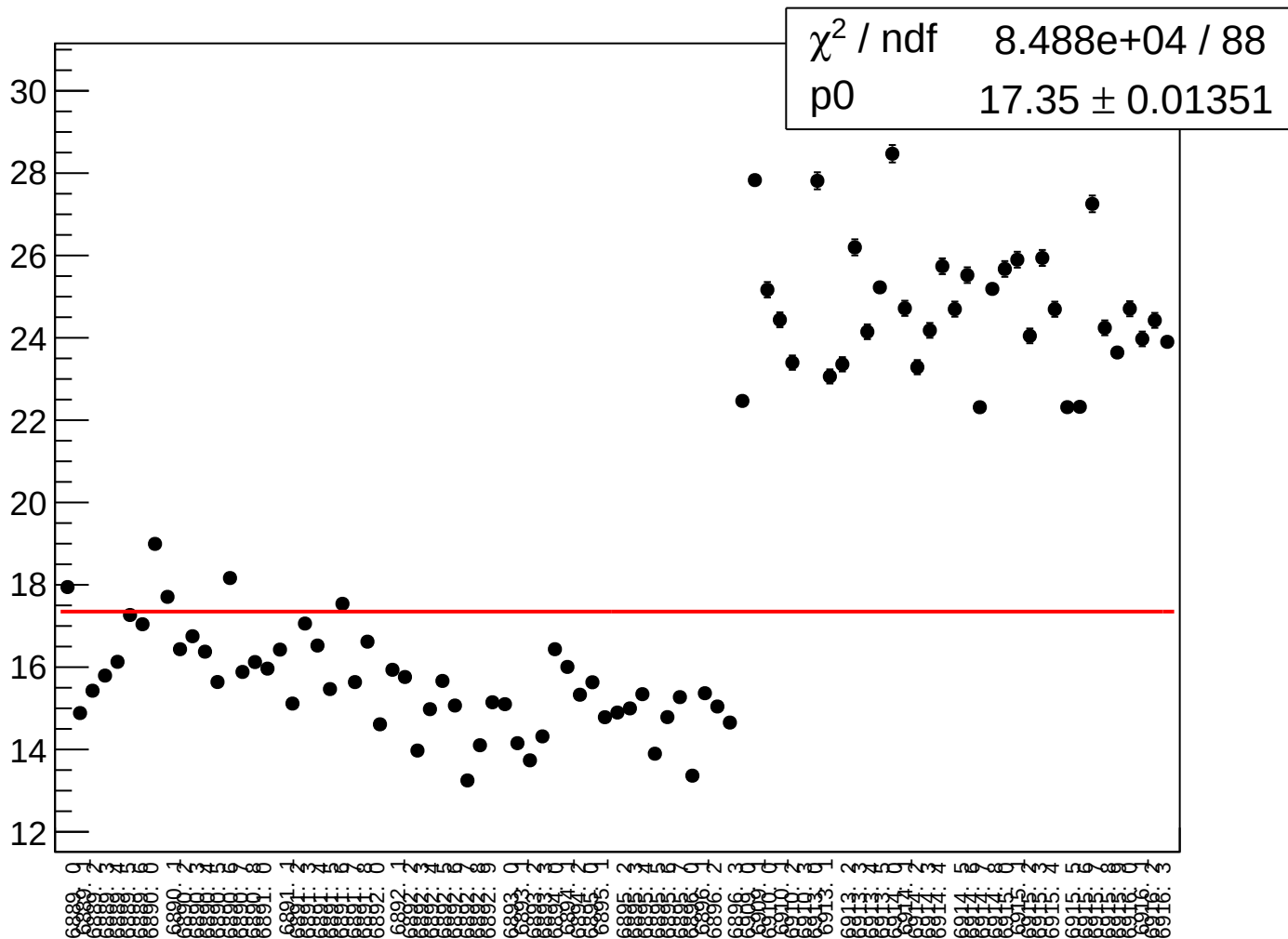
asym_sam_15_avg_reg_vs_cor_diff_rms vs run



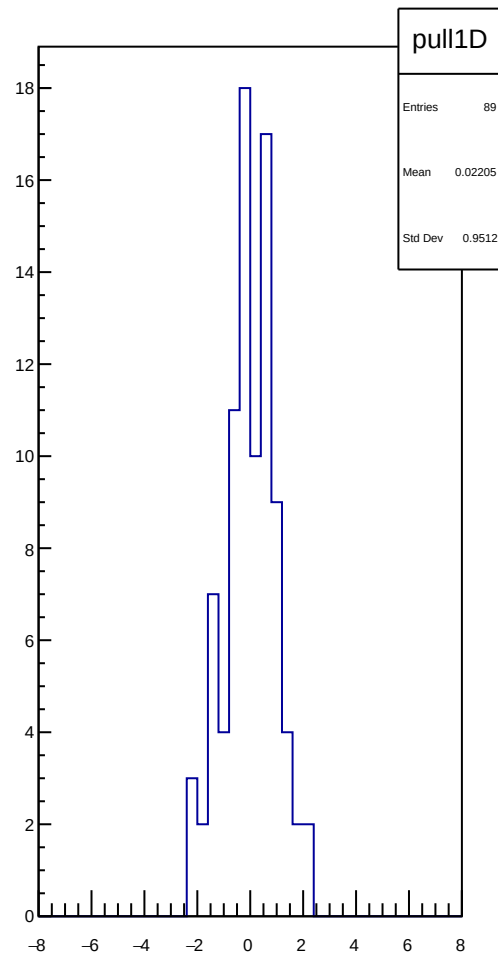
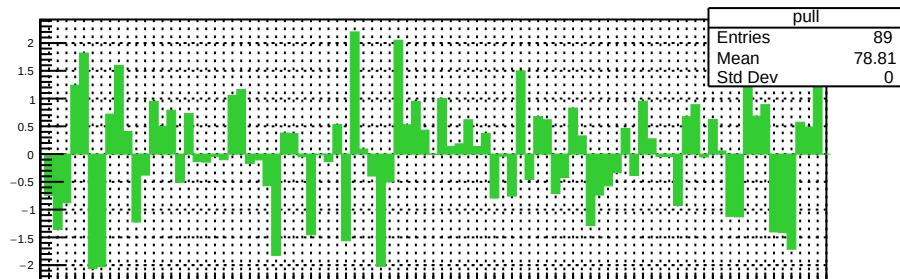
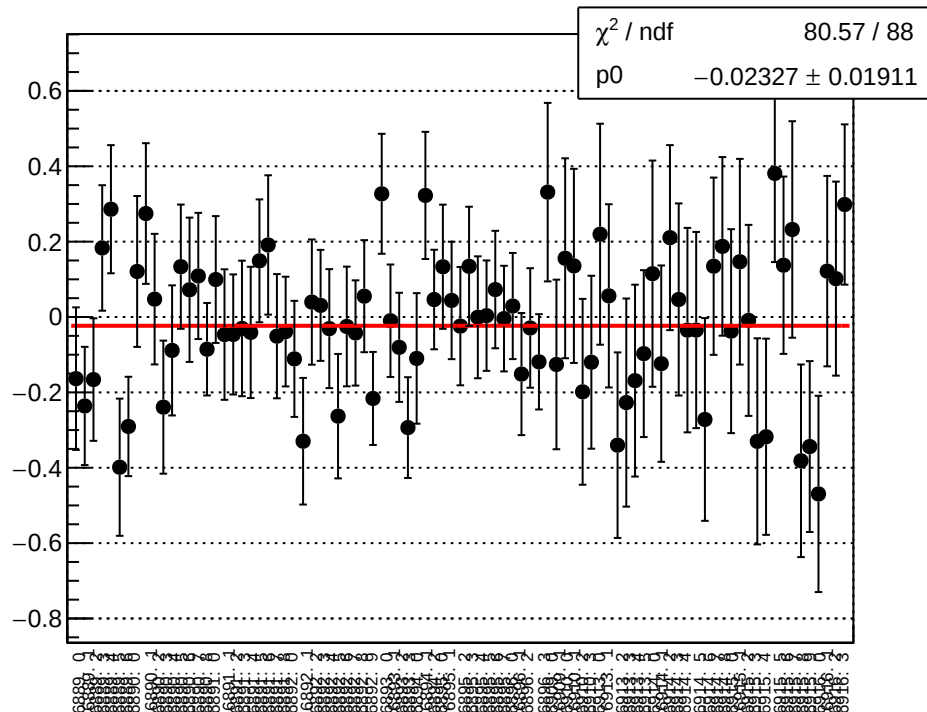
asym_sam_15_avg_dit_vs_cor_diff_mean vs run



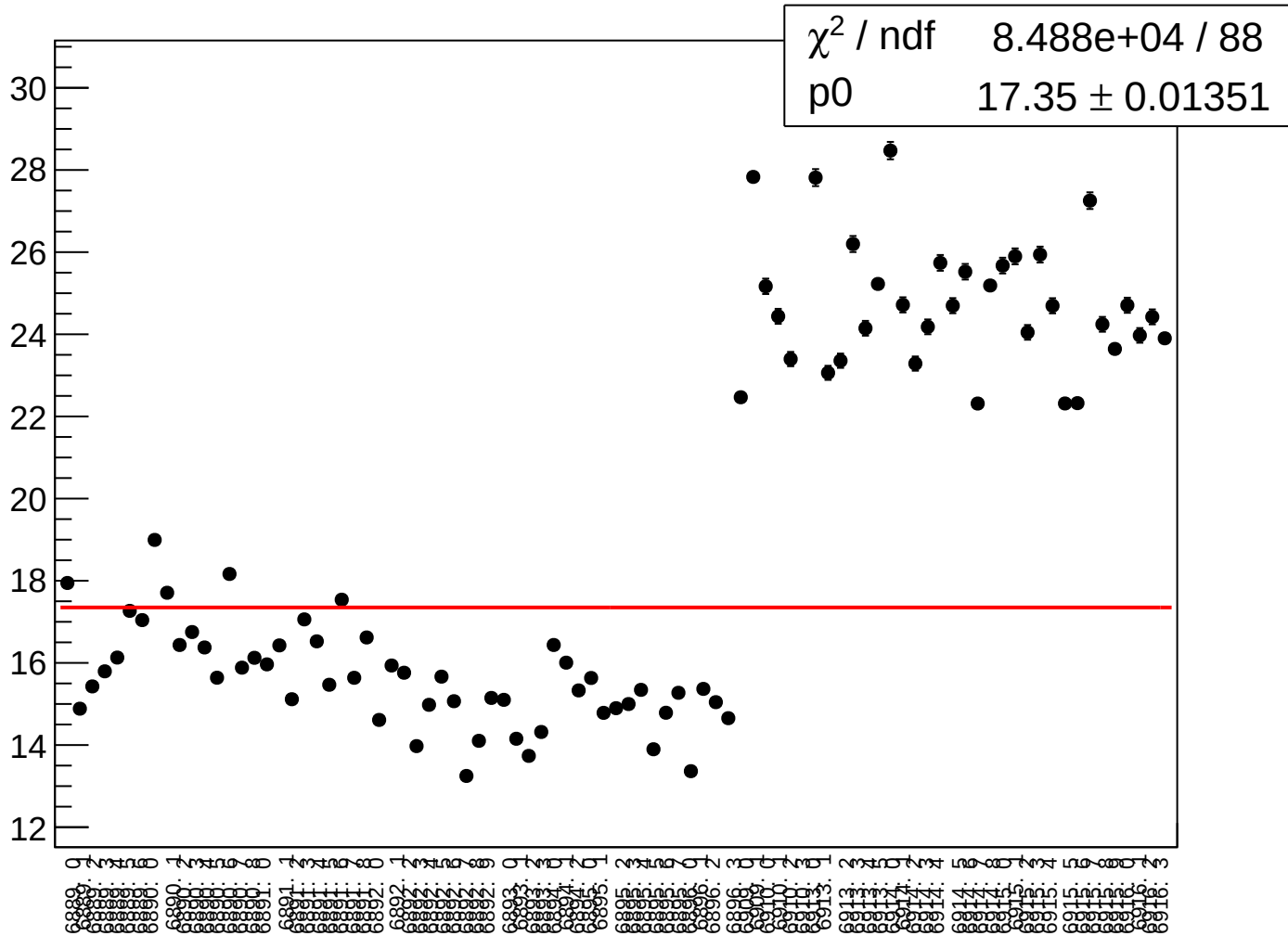
asym_sam_15_avg_dit_vs_cor_diff_rms vs run



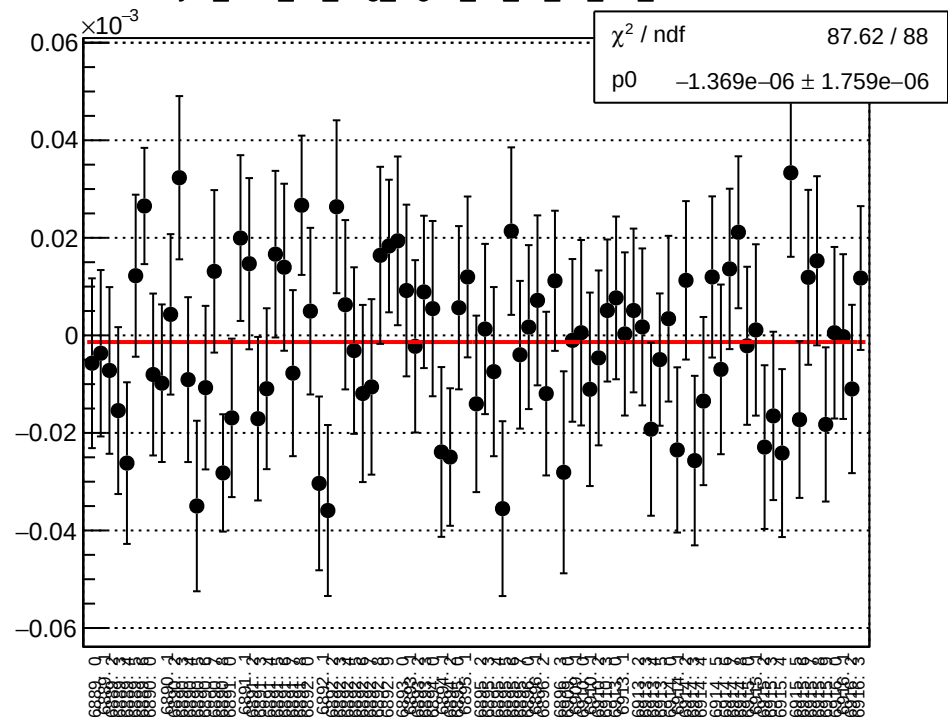
asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs run



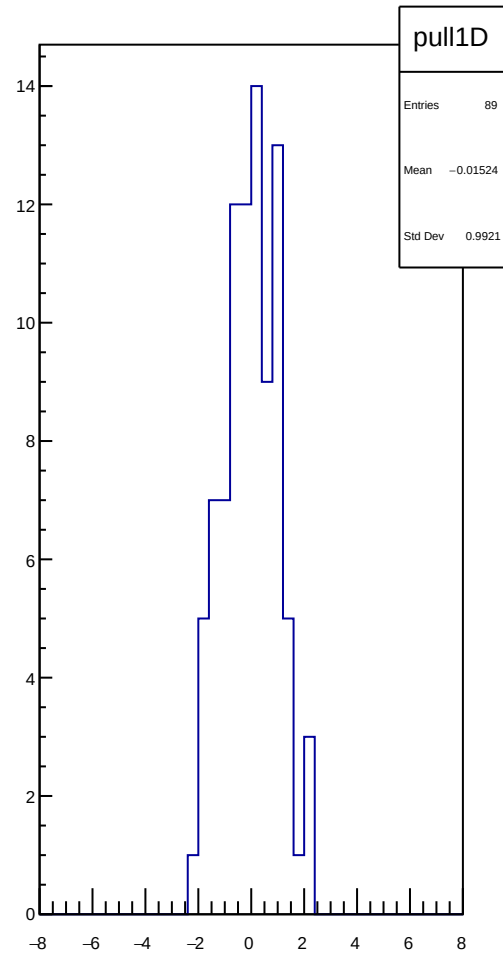
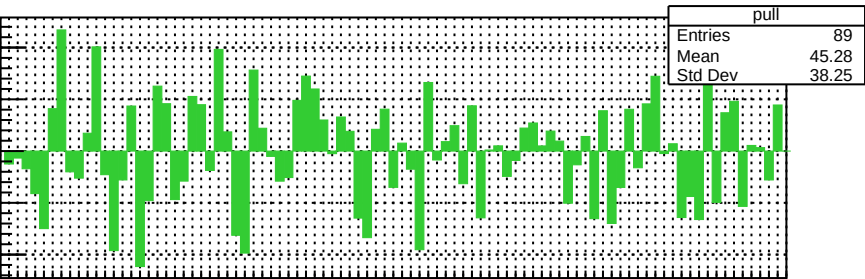
asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs run



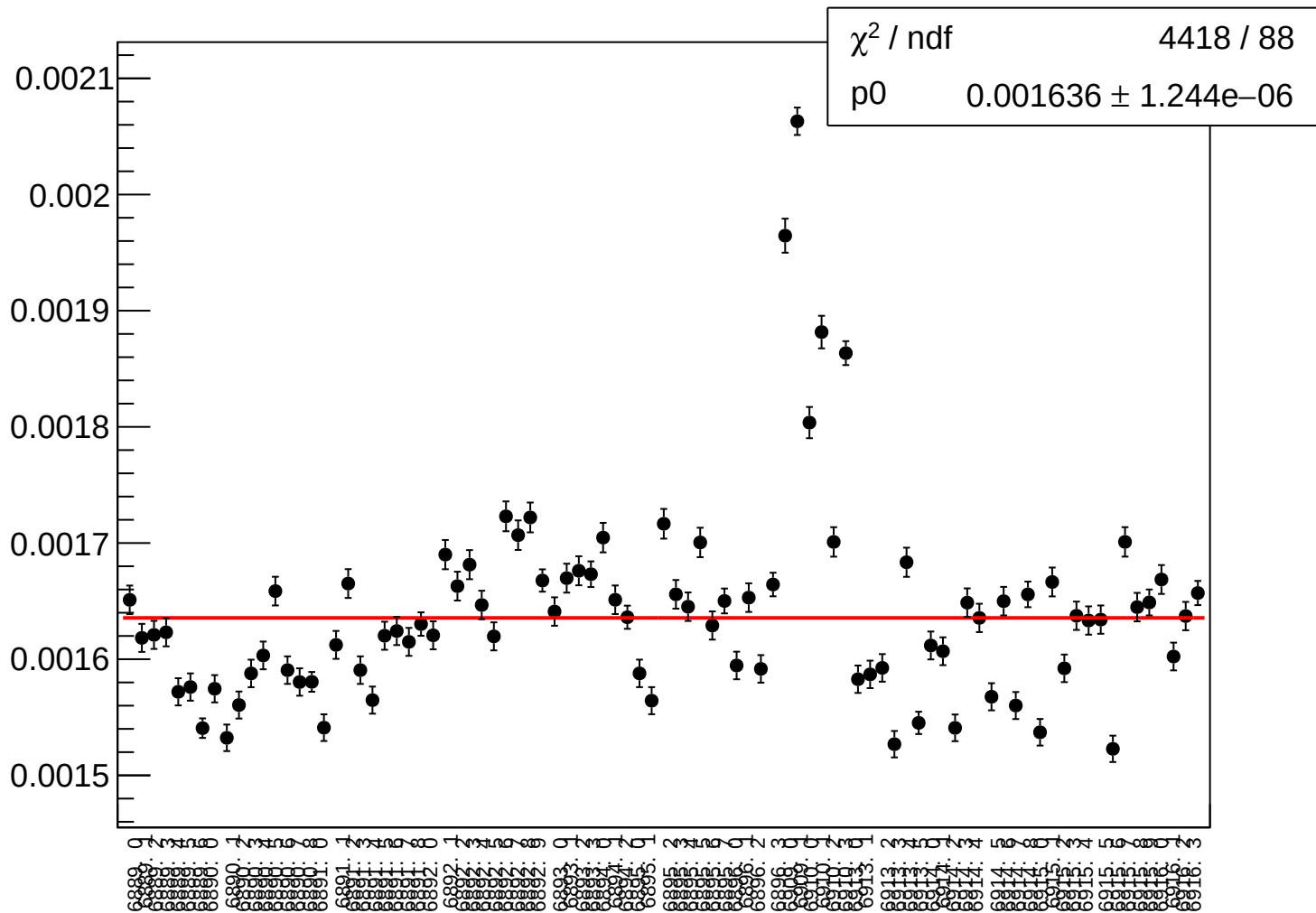
asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs run



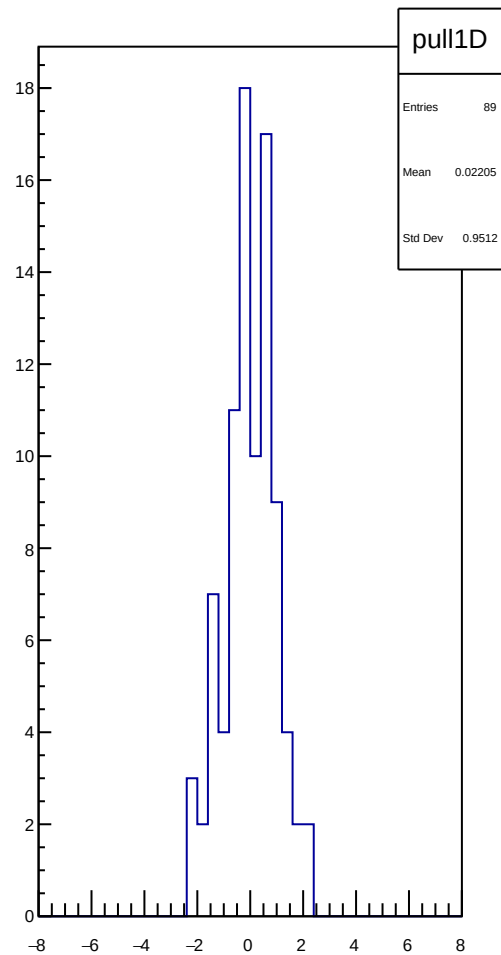
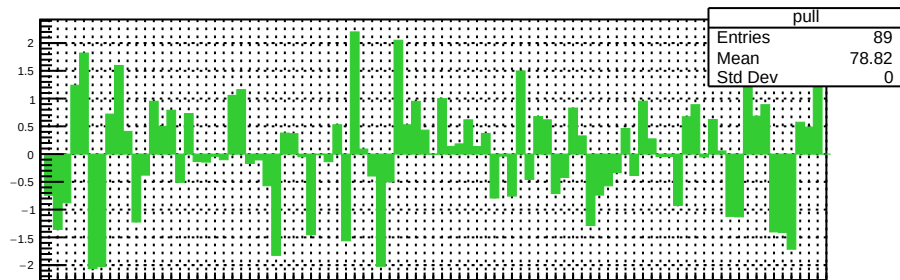
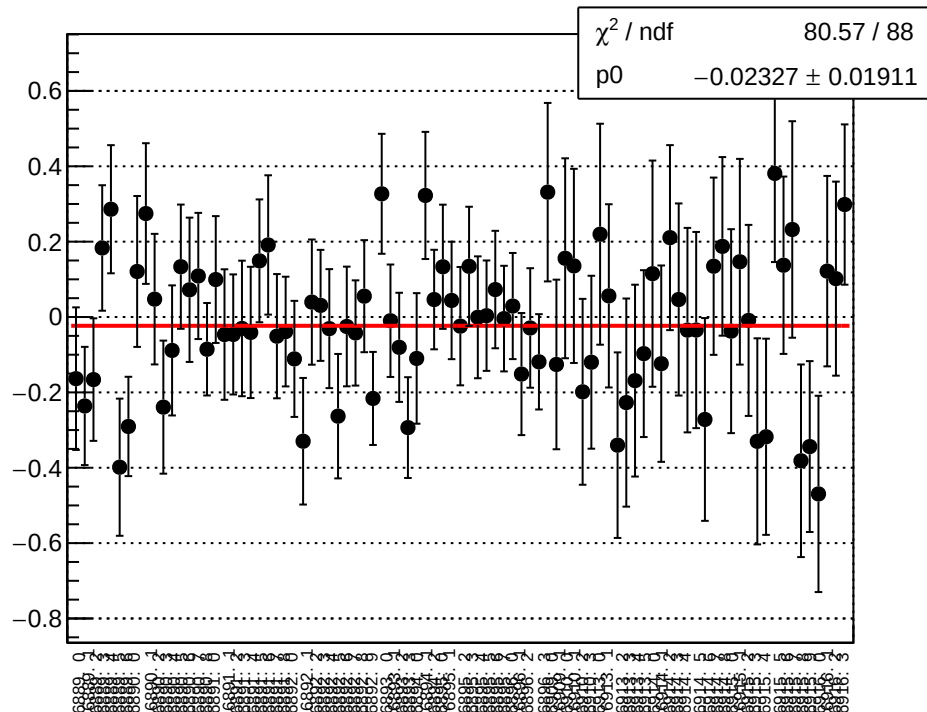
0 10 20 30 40 50 60 70 80 90 100



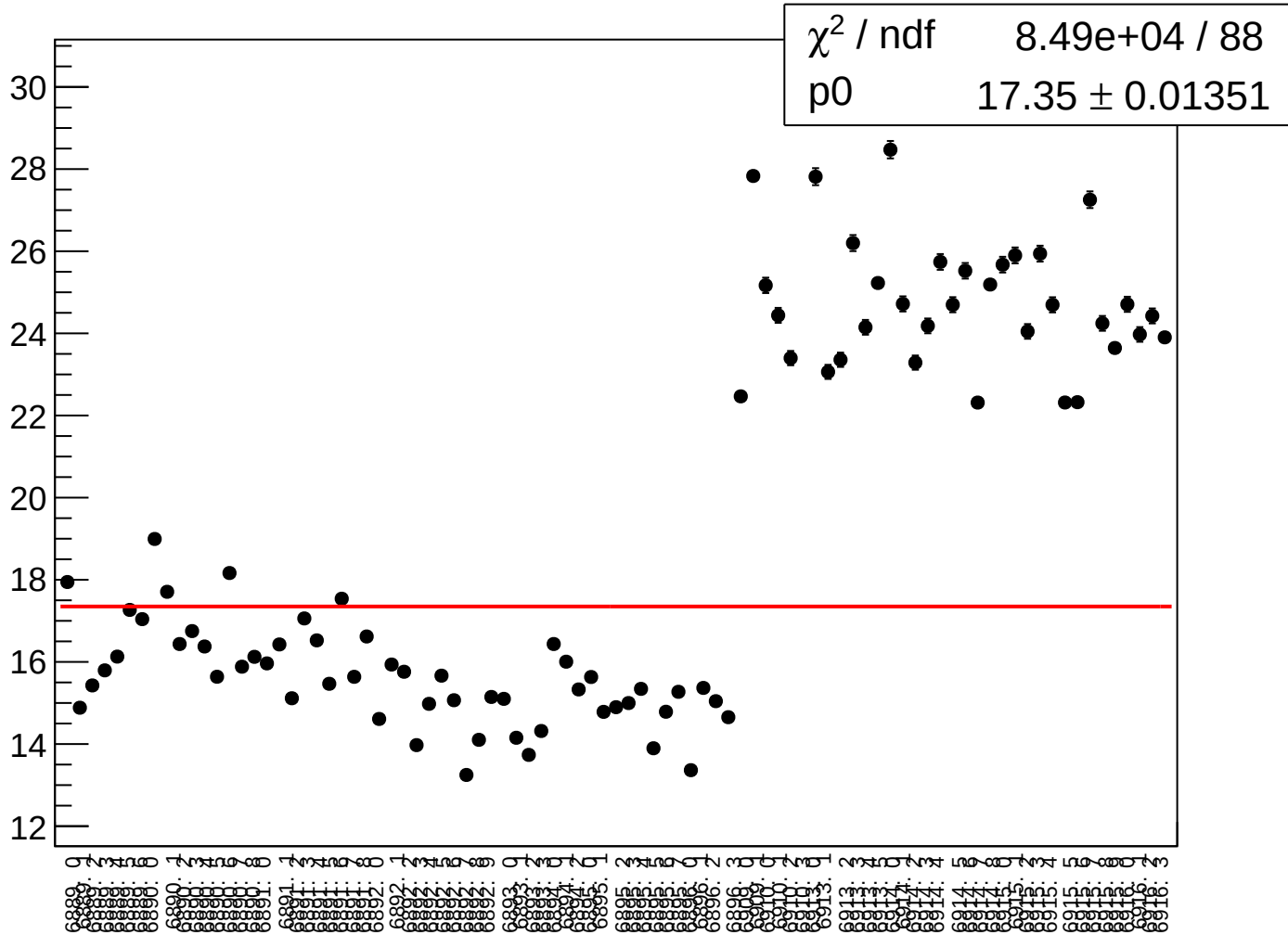
asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs run



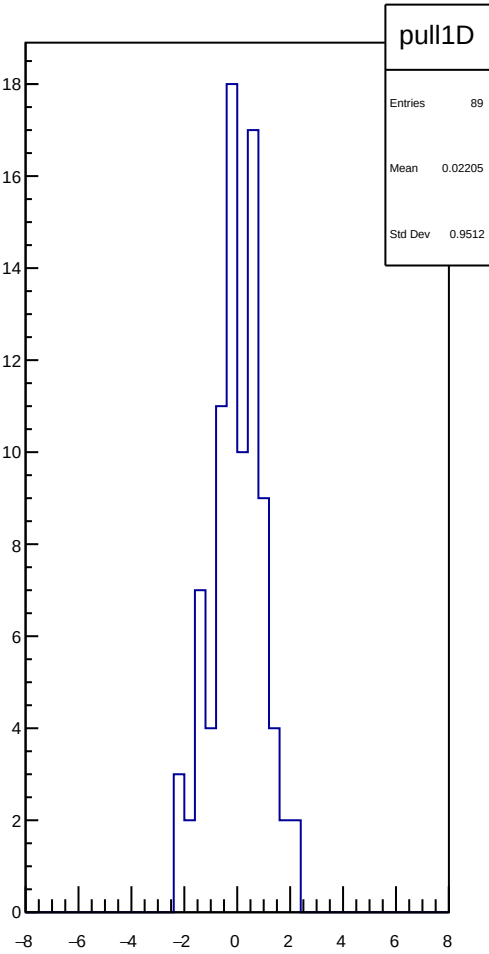
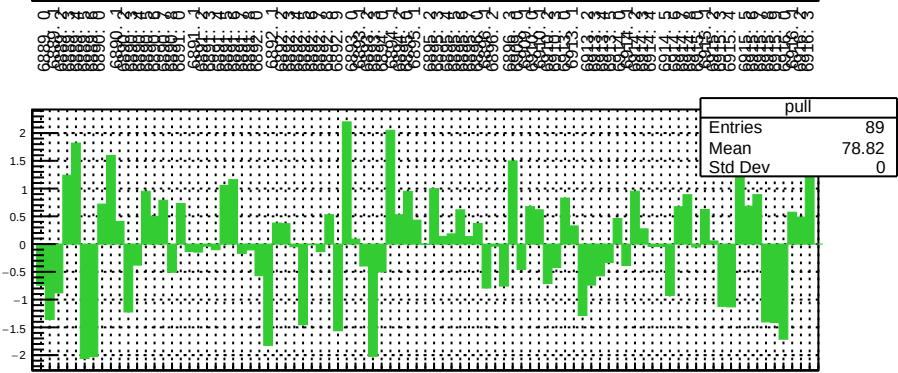
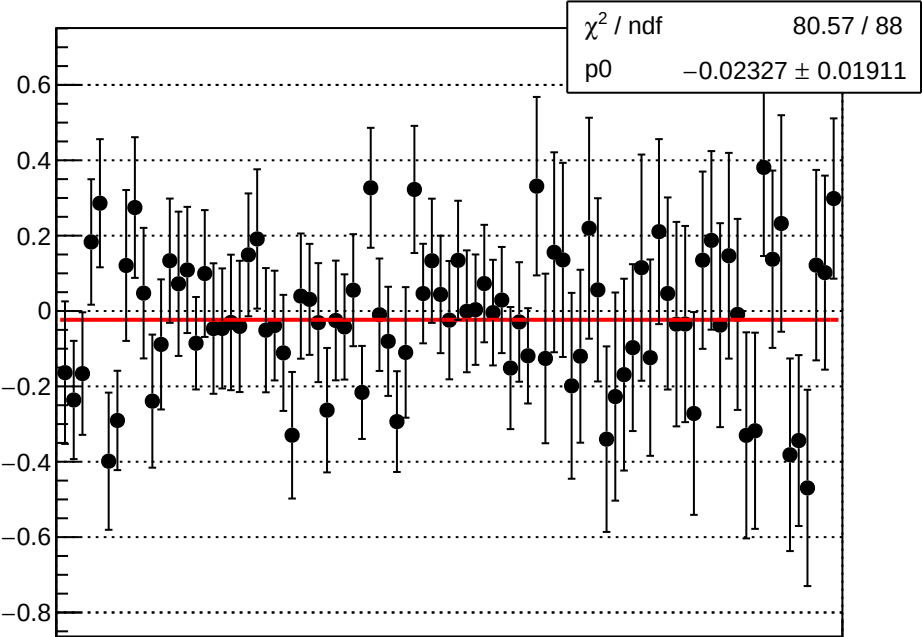
asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs run



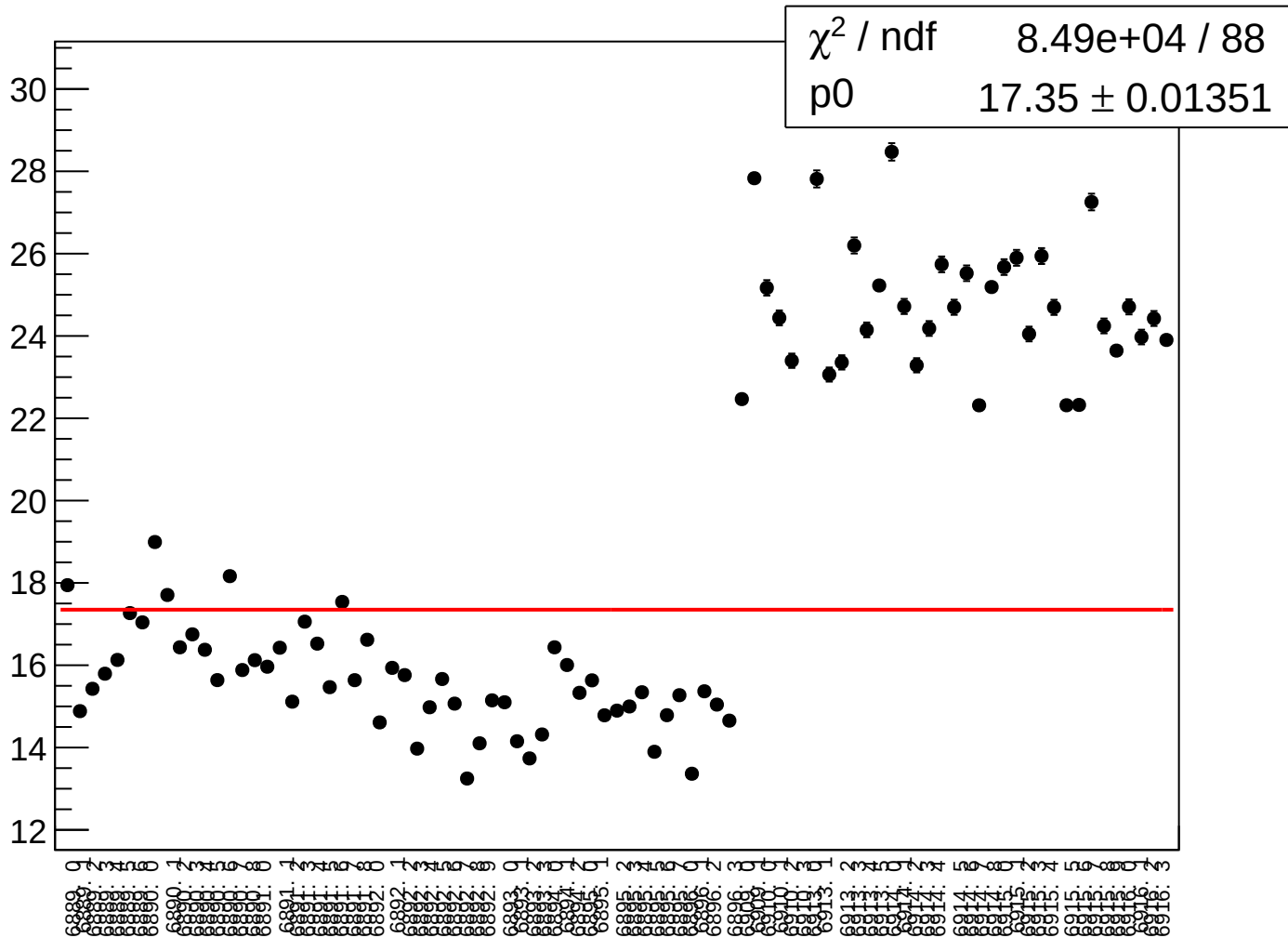
asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs run



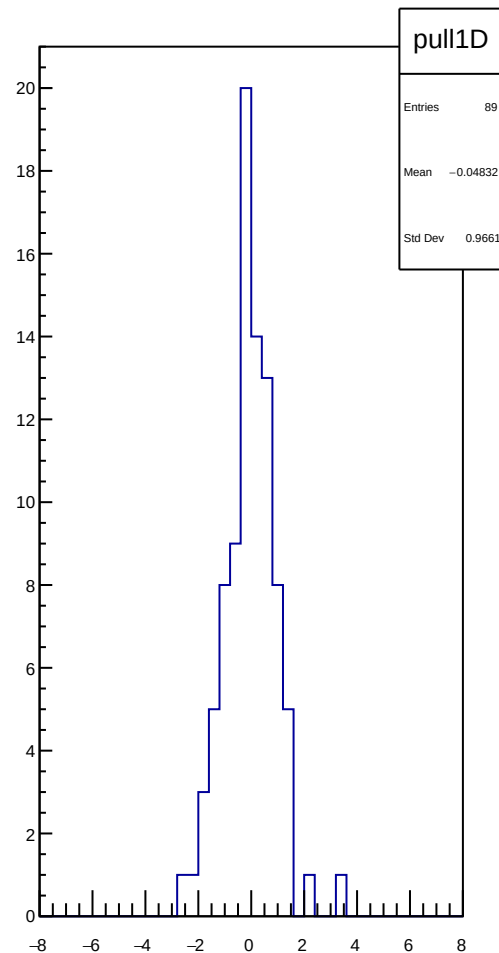
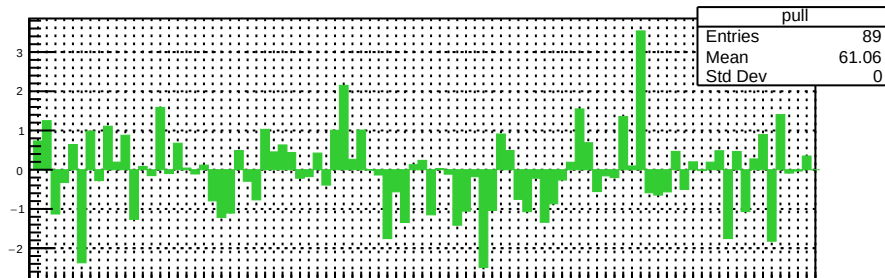
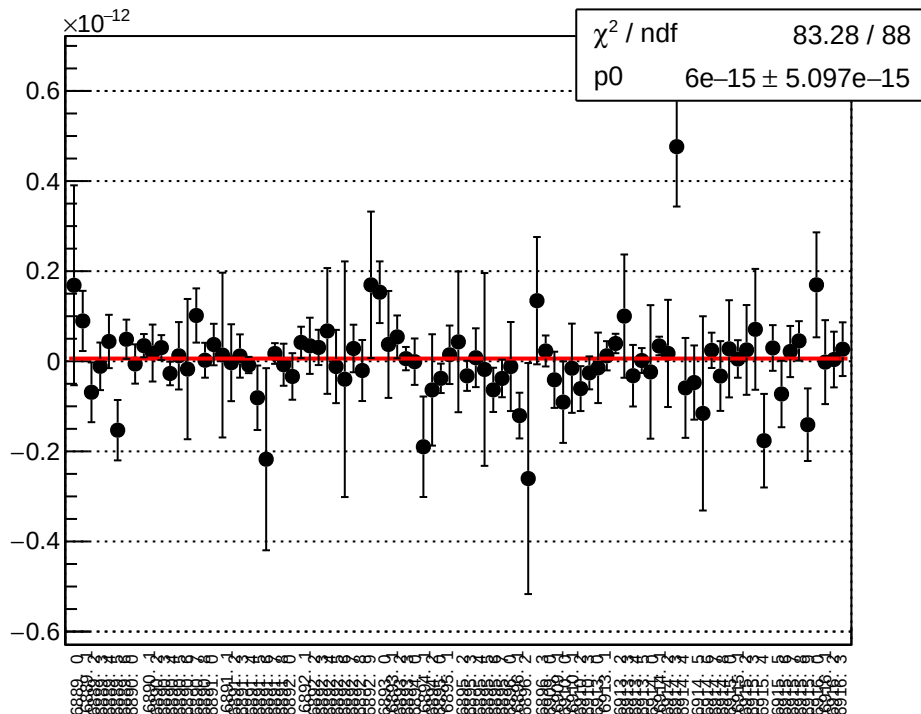
asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs run



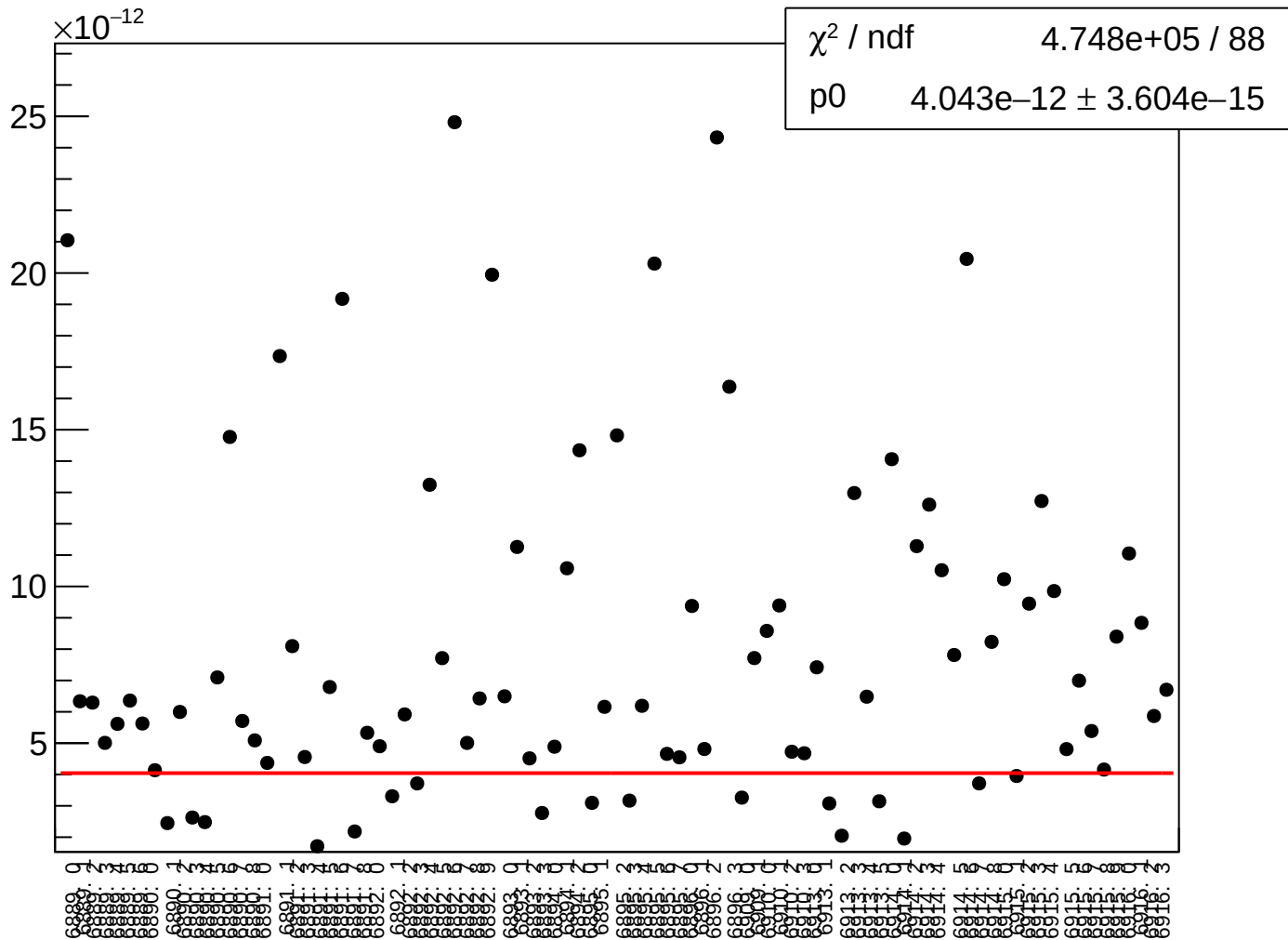
asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



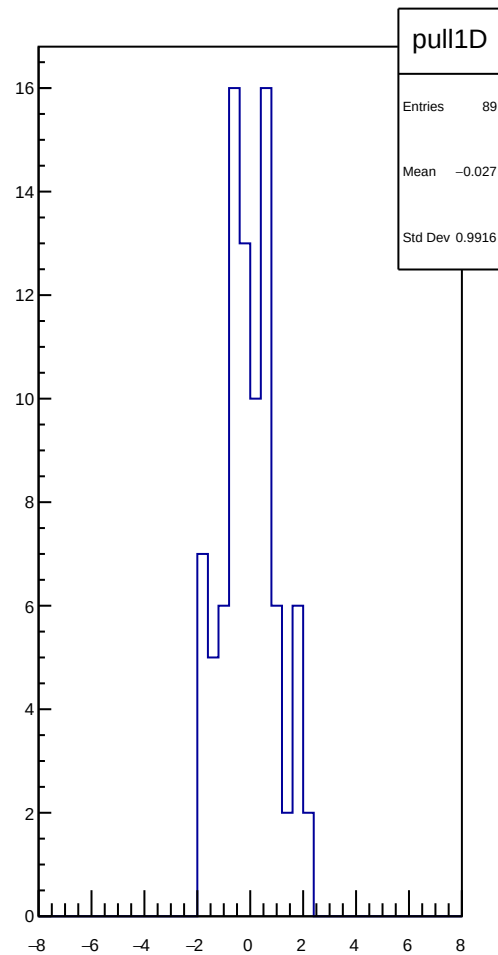
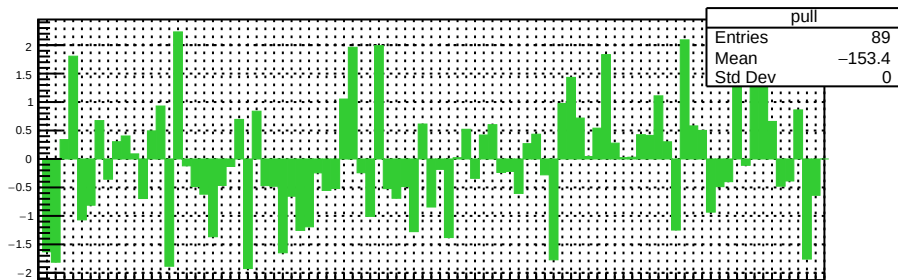
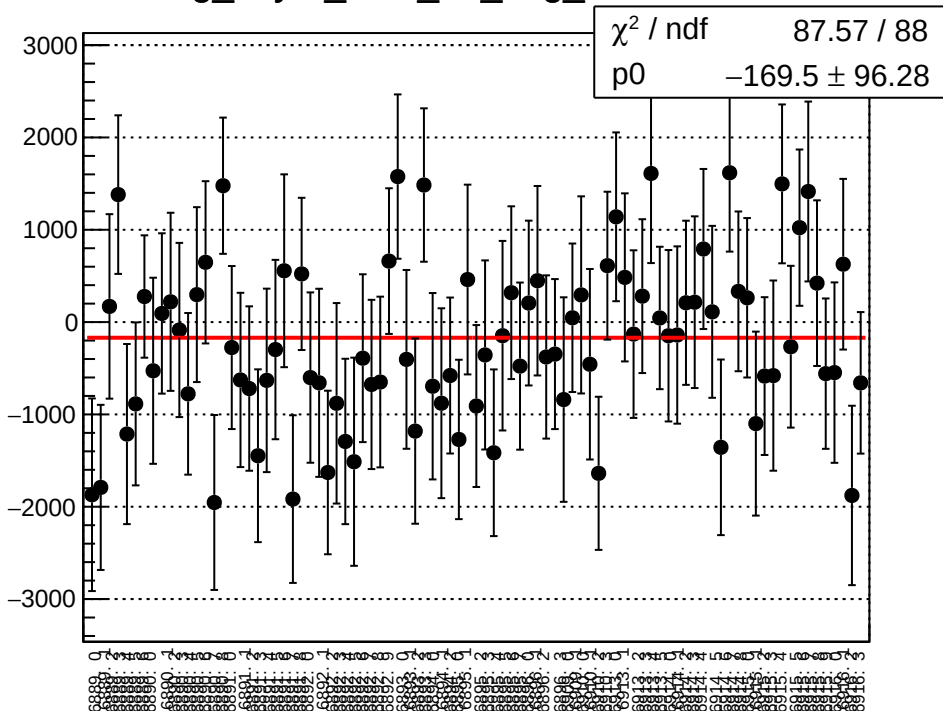
asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs run



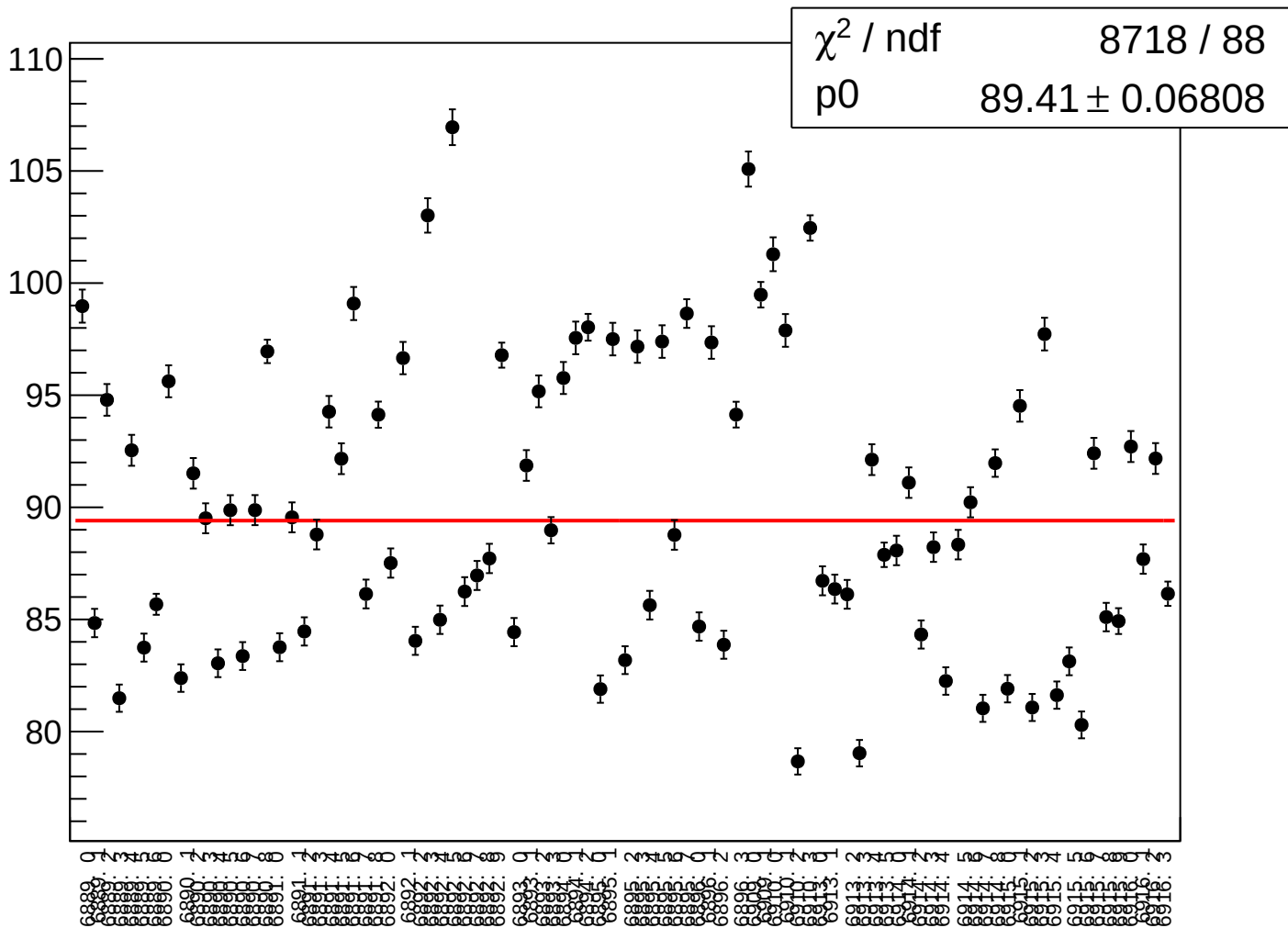
asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs run



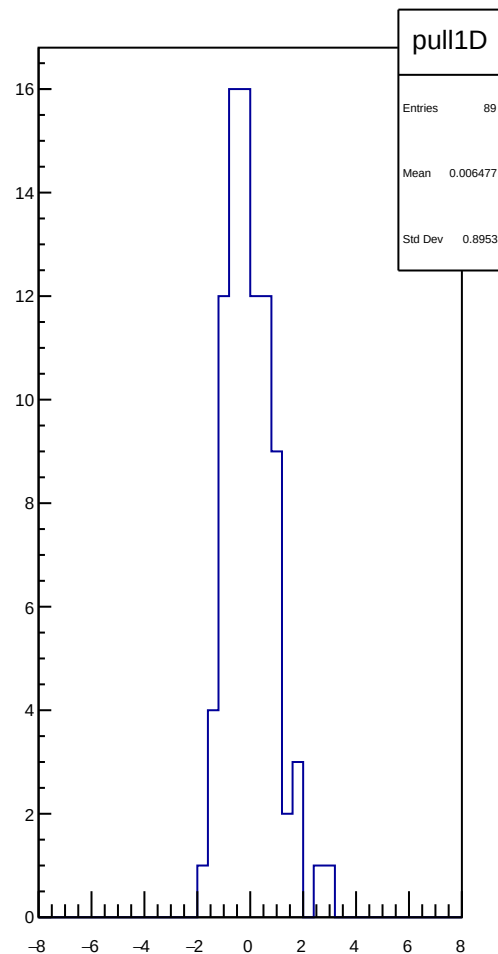
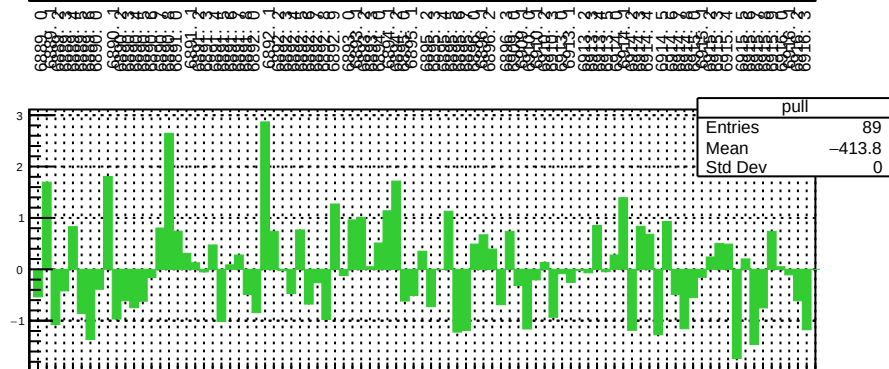
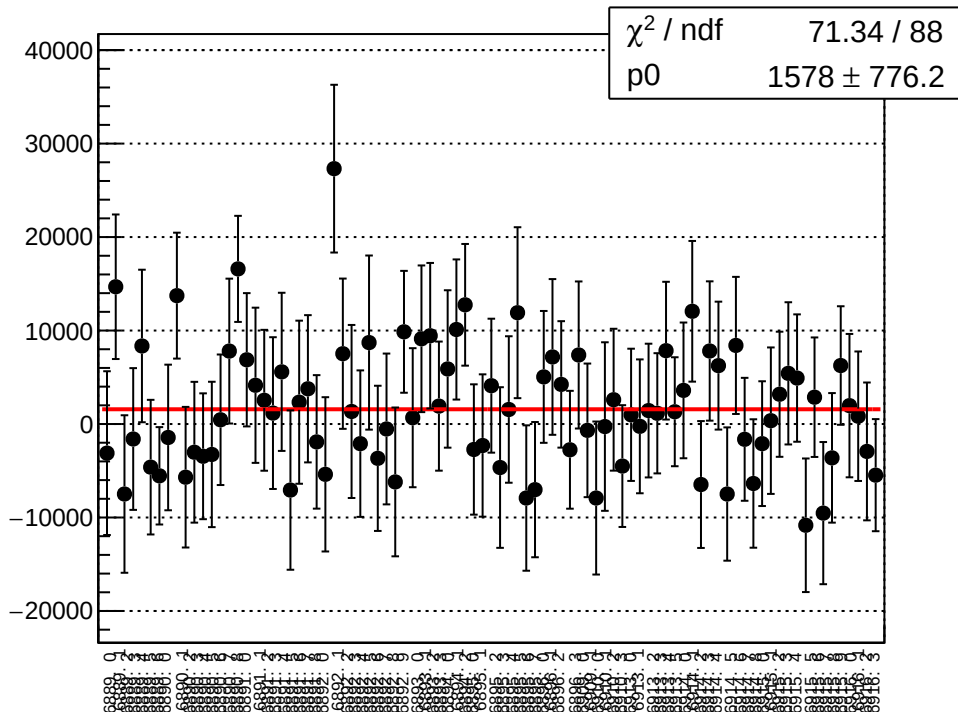
reg_asym_sam_26_avg_mean vs run



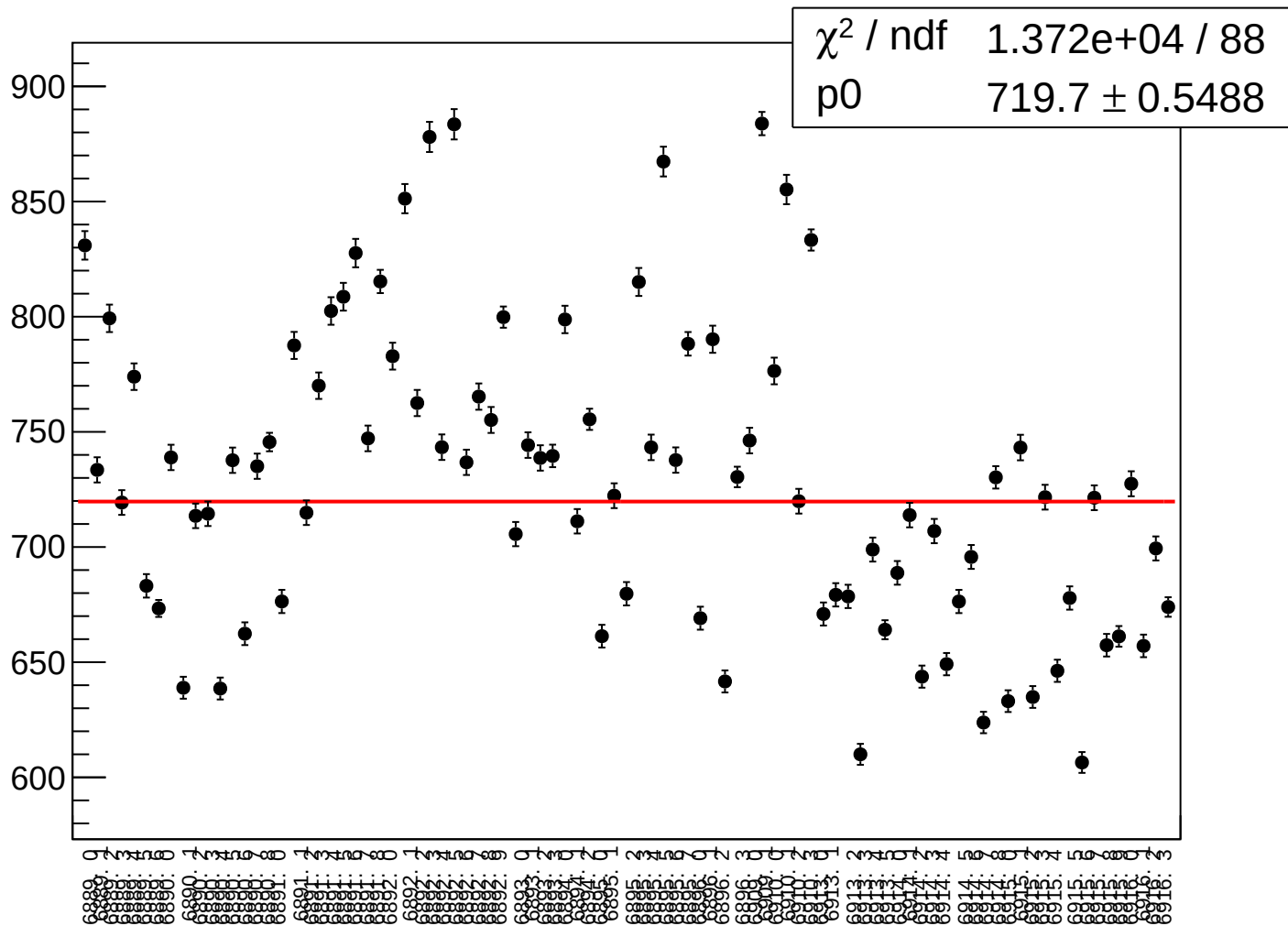
reg_asym_sam_26_avg_rms vs run



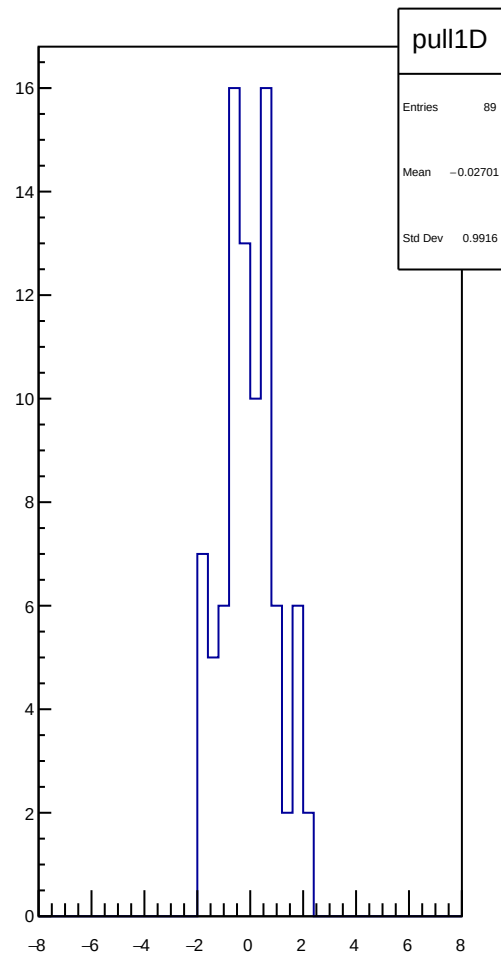
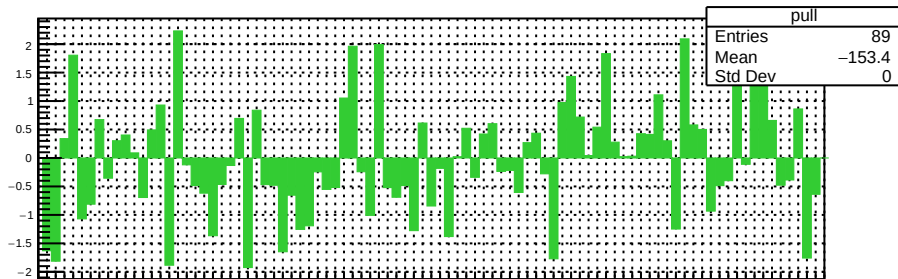
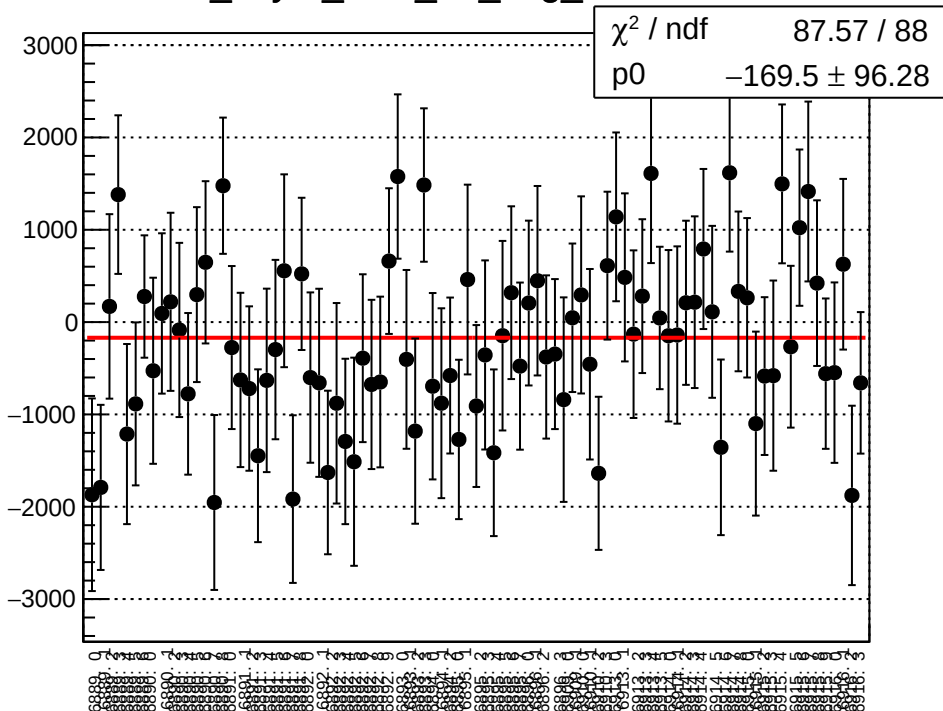
asym_sam_26_avg_reg_correction_mean vs run



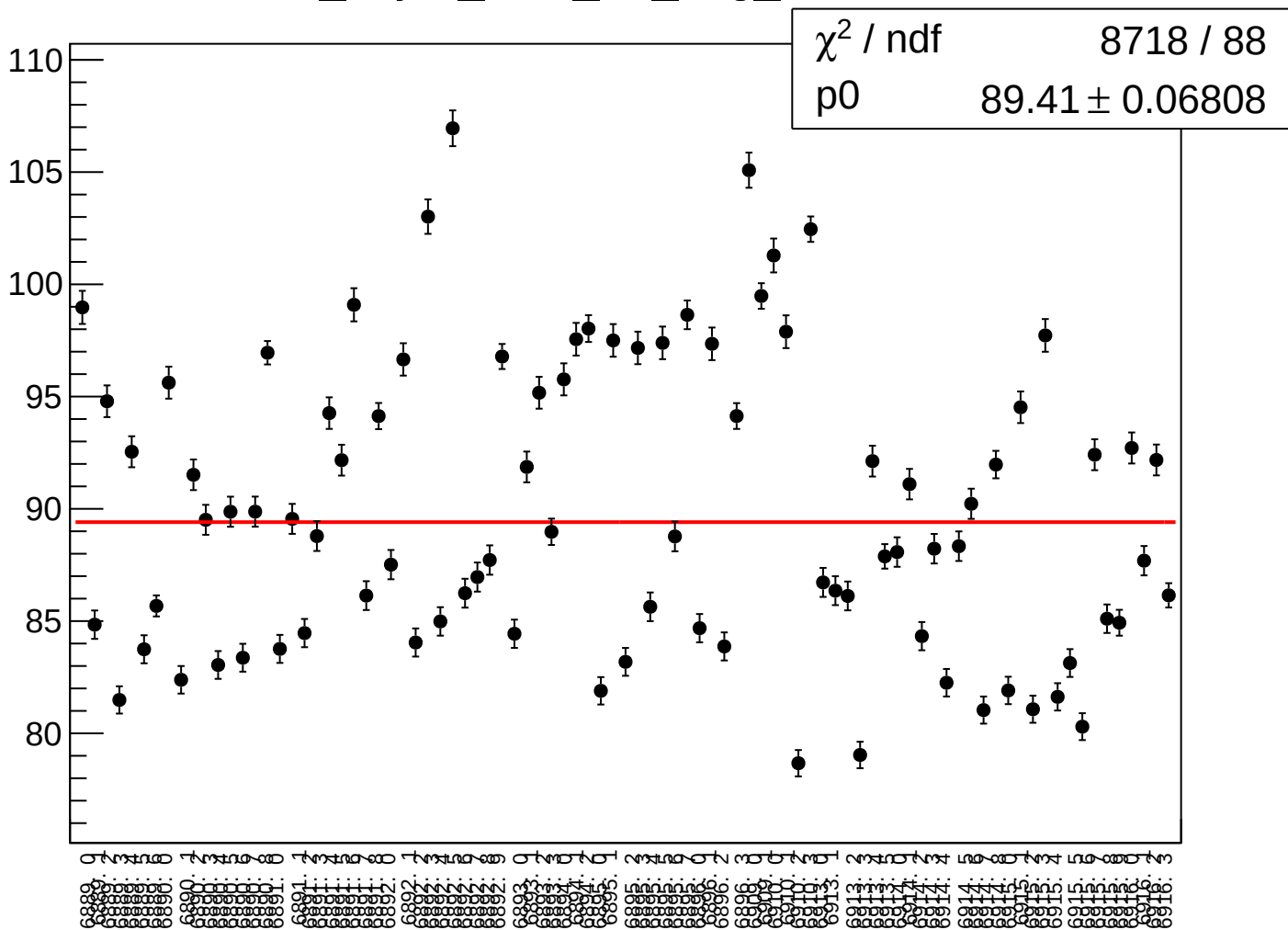
asym_sam_26_avg_reg_correction_rms vs run



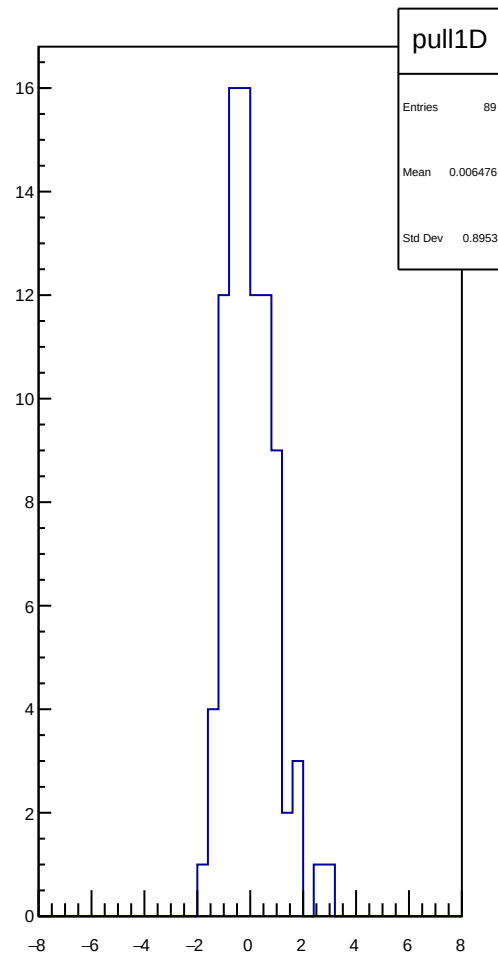
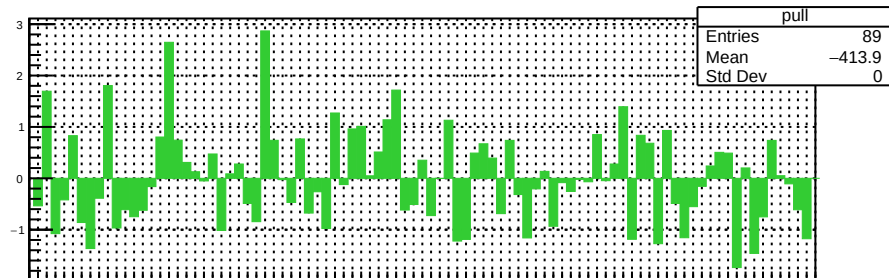
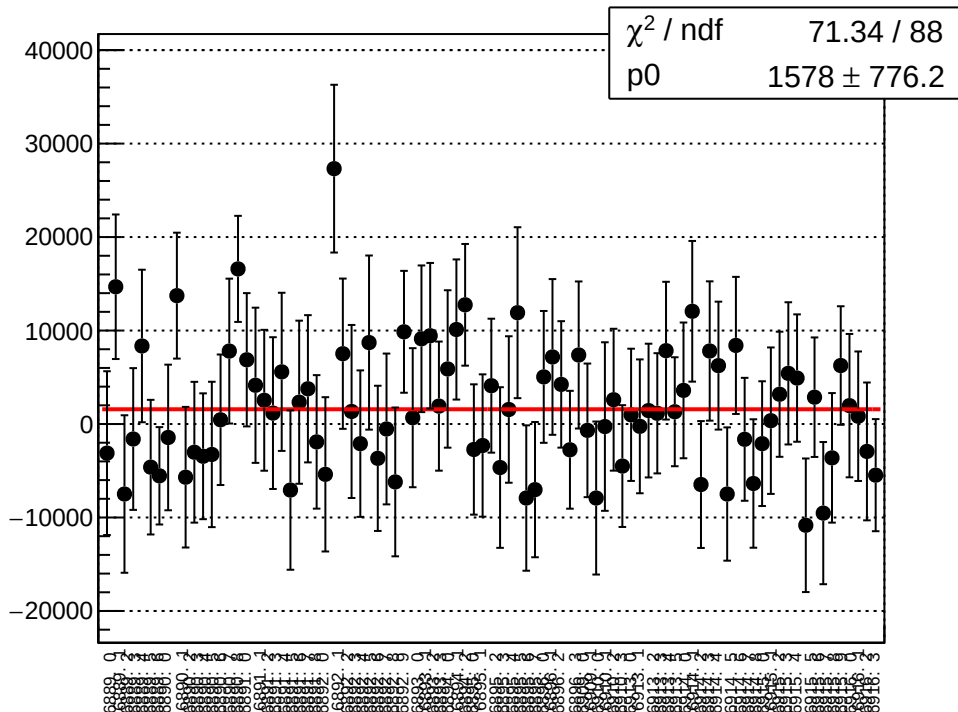
cor_asym_sam_26_avg_mean vs run



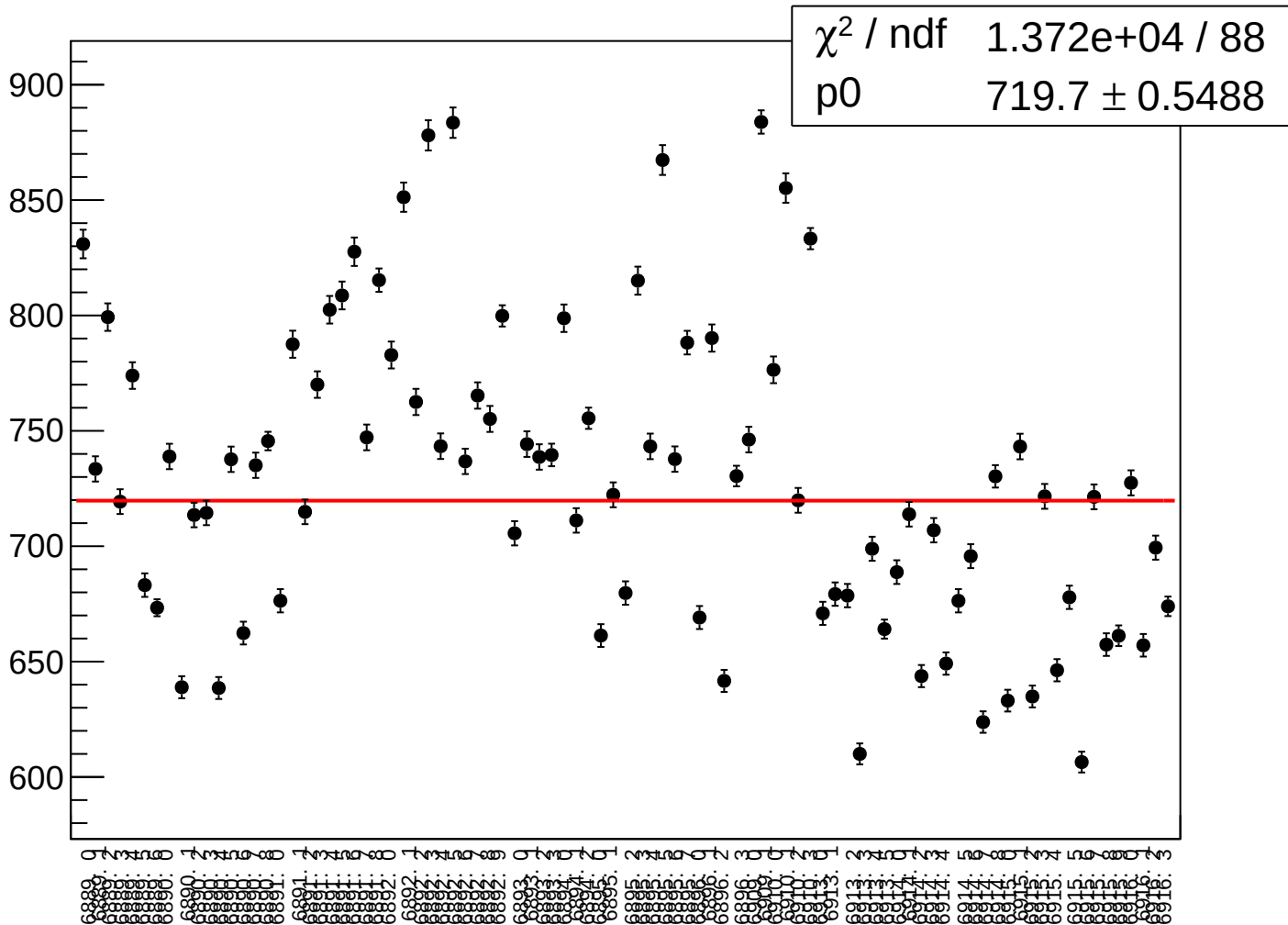
cor_asym_sam_26_avg_rms vs run



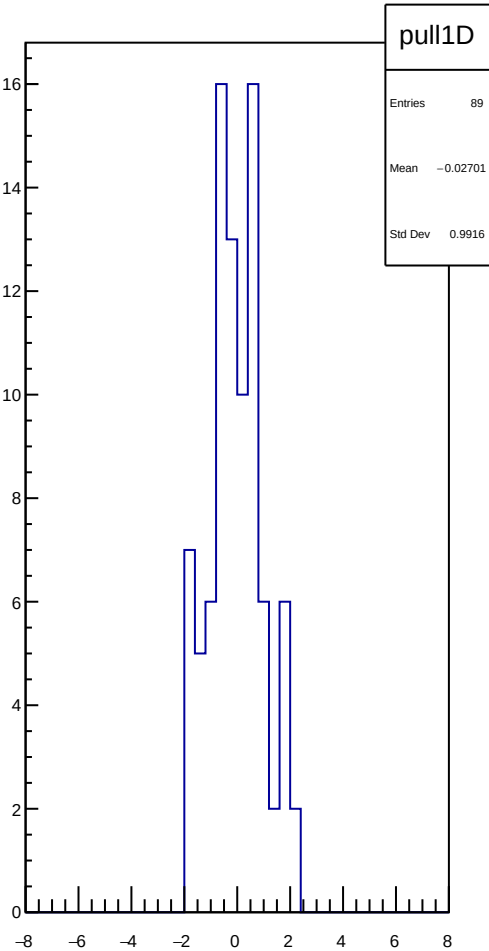
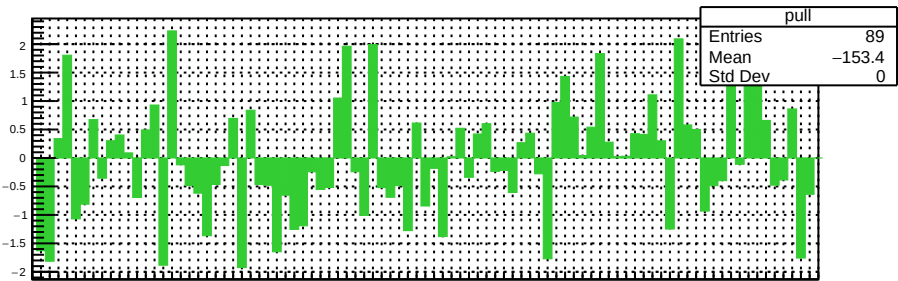
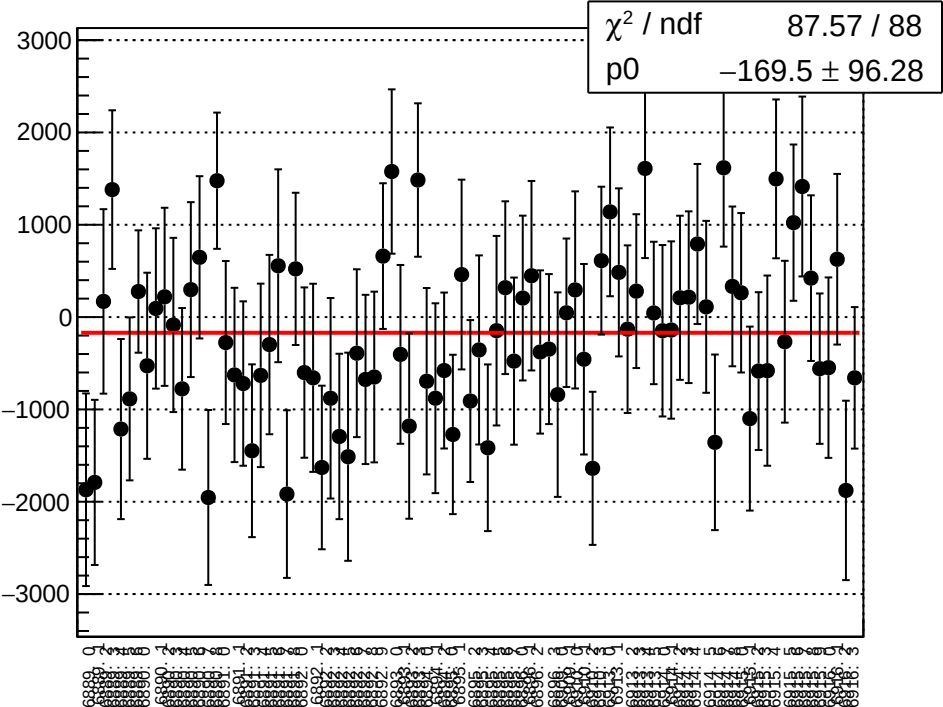
asym_sam_26_avg_cor_correction_mean vs run



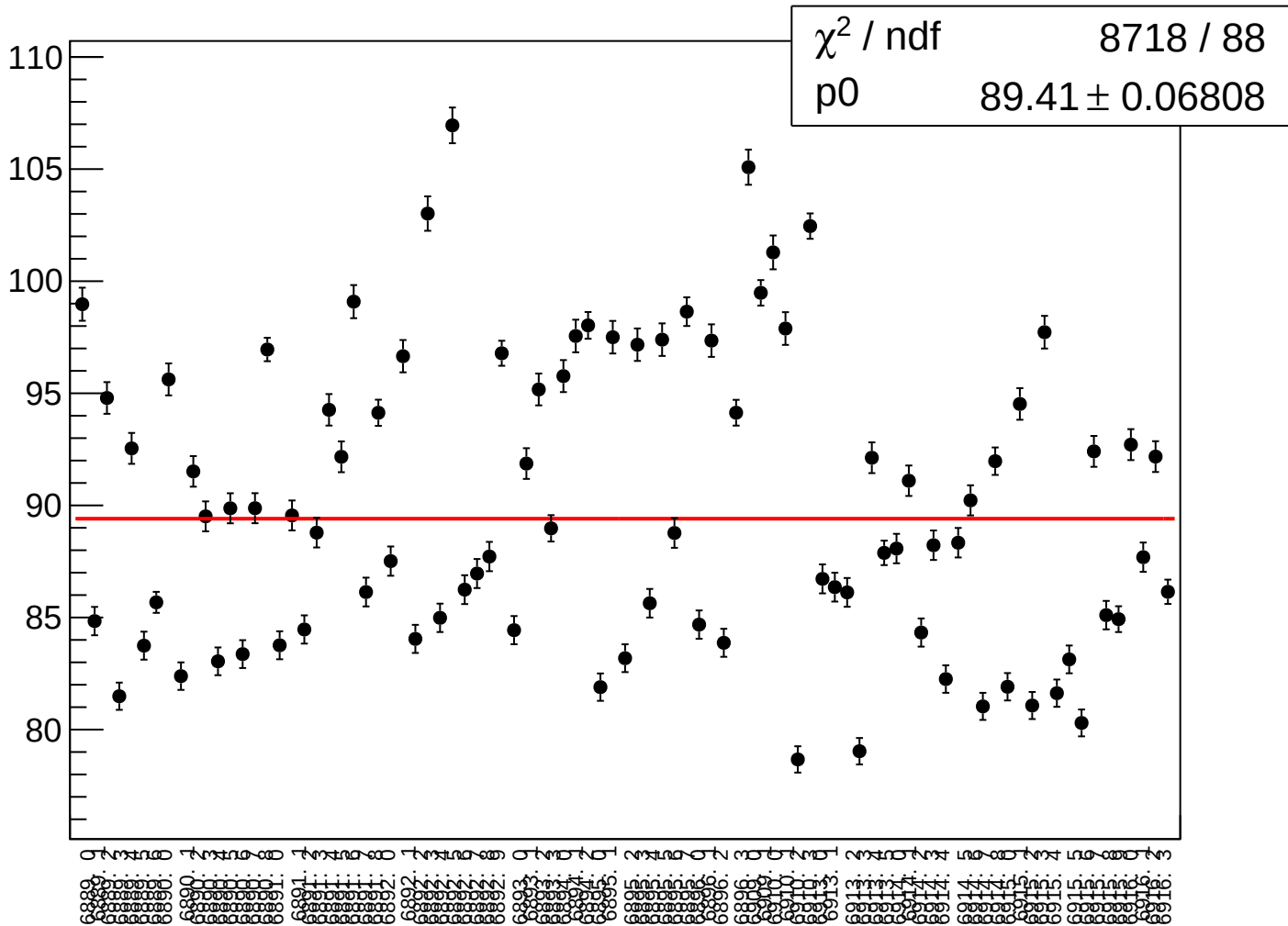
asym_sam_26_avg_cor_correction_rms vs run



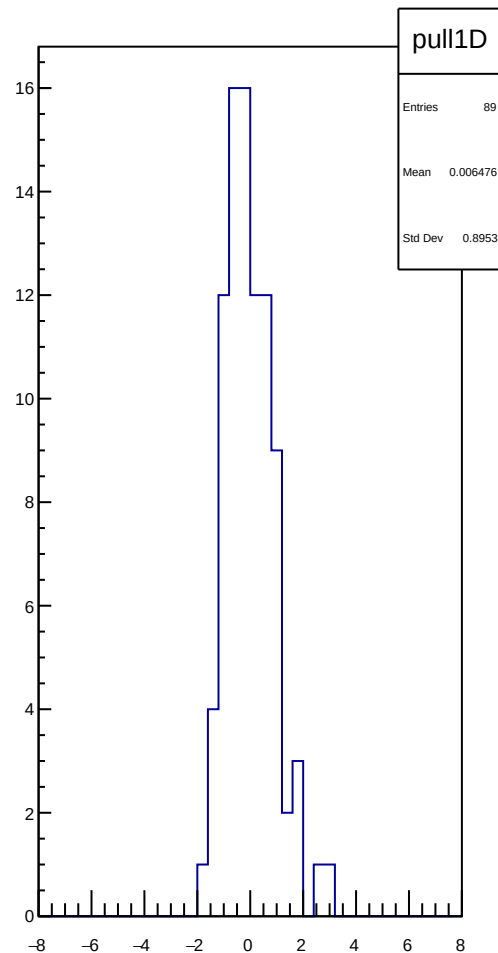
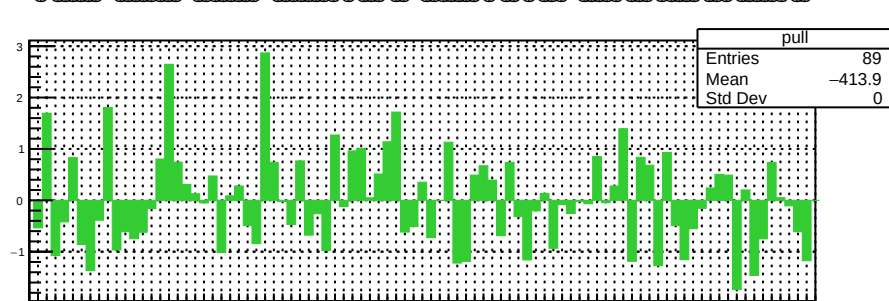
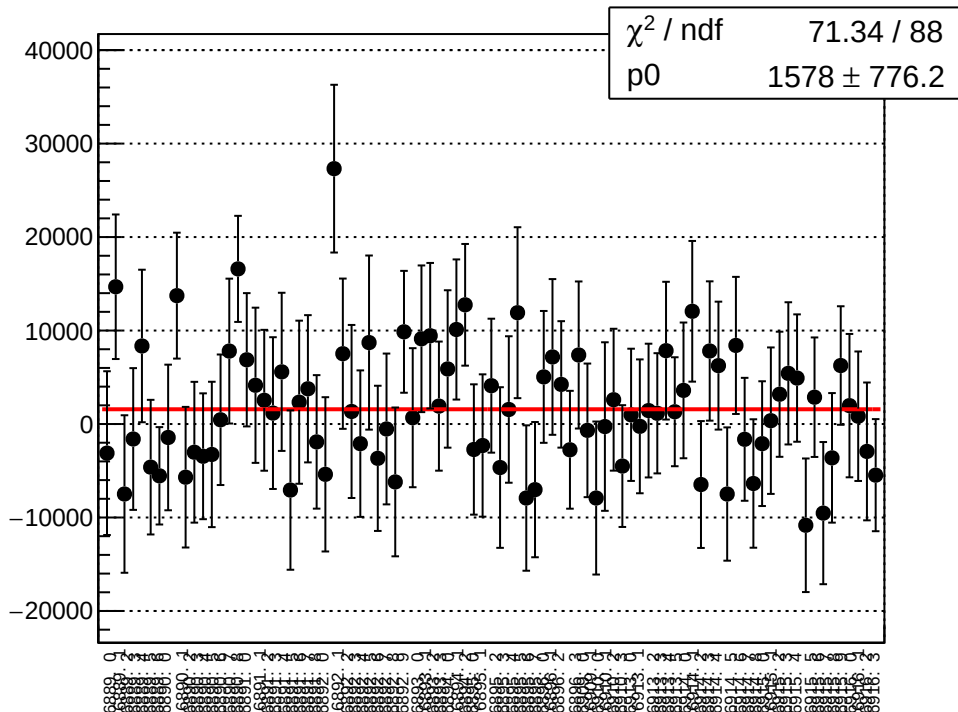
eigen_cor_asym_sam_26_avg_mean vs run



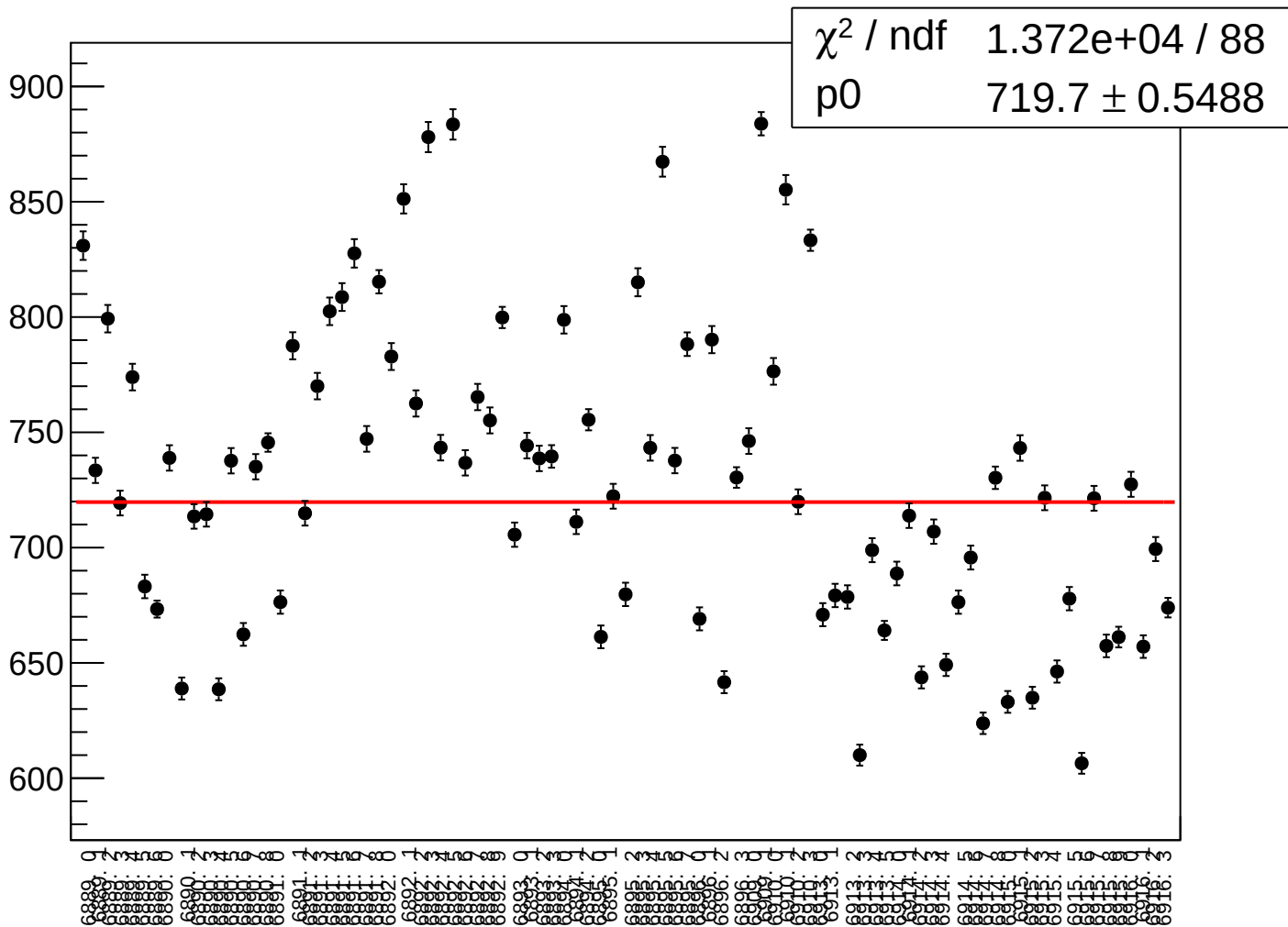
eigen_cor_asym_sam_26_avg_rms vs run



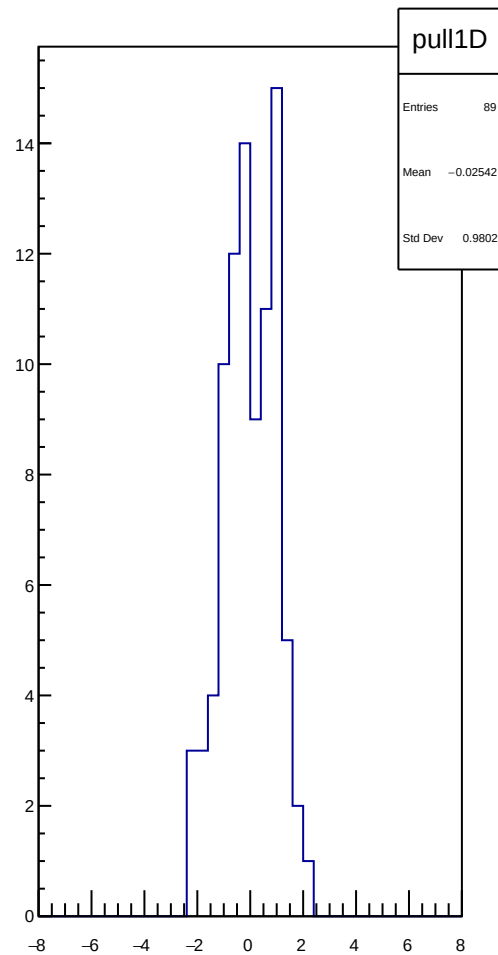
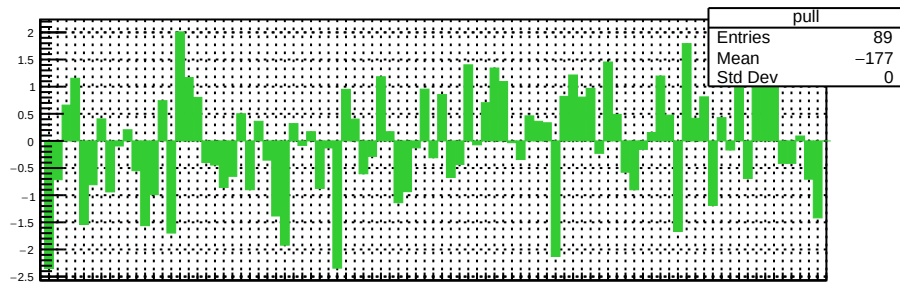
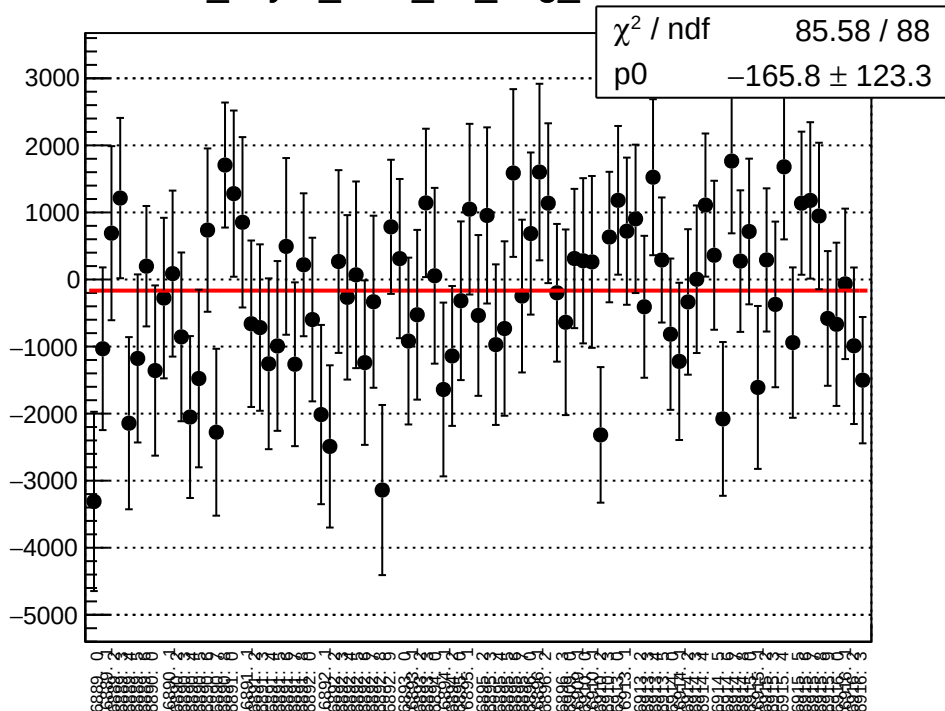
asym_sam_26_avg_eigen_cor_correction_mean vs run



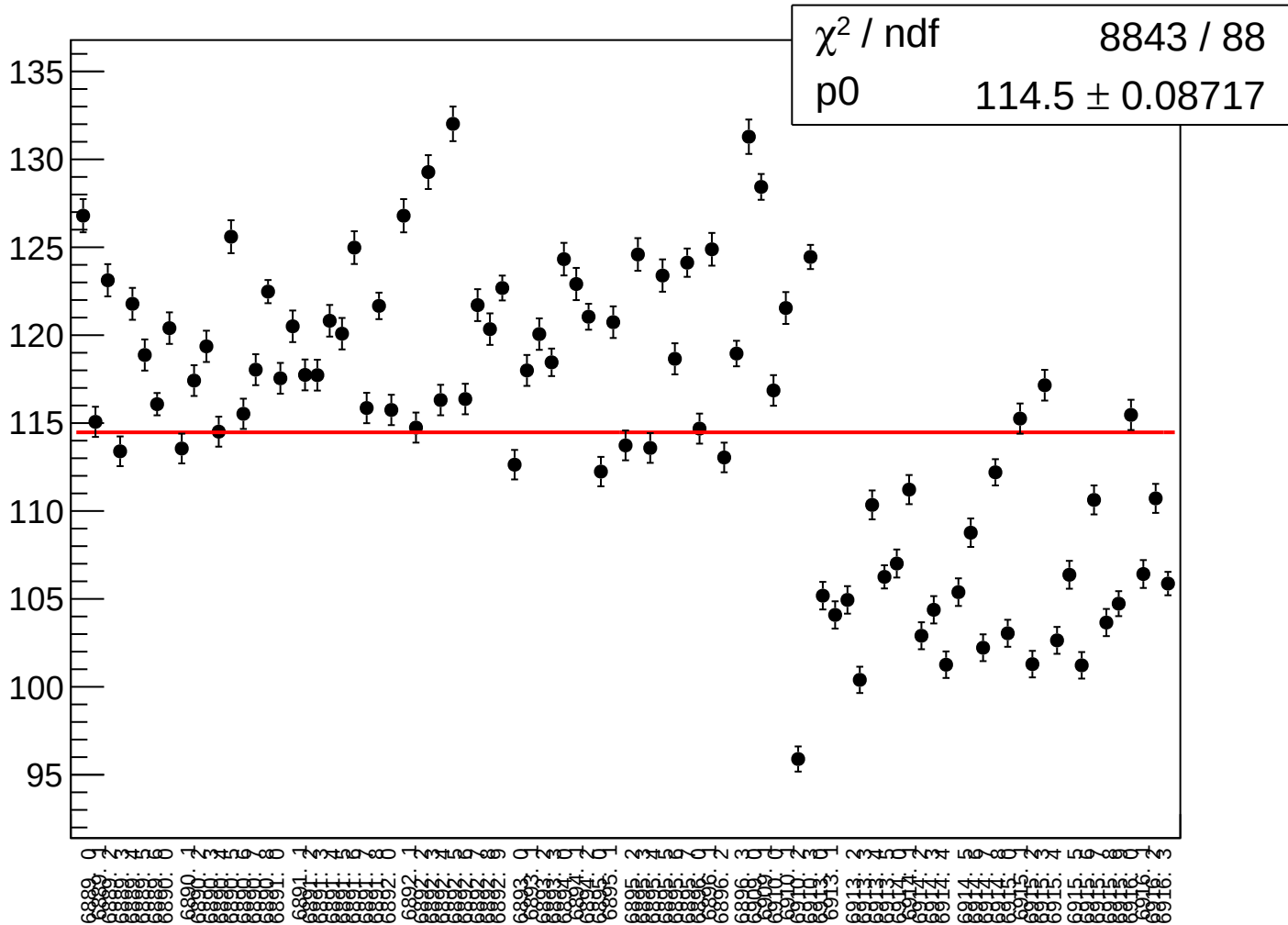
asym_sam_26_avg_eigen_cor_correction_rms vs run



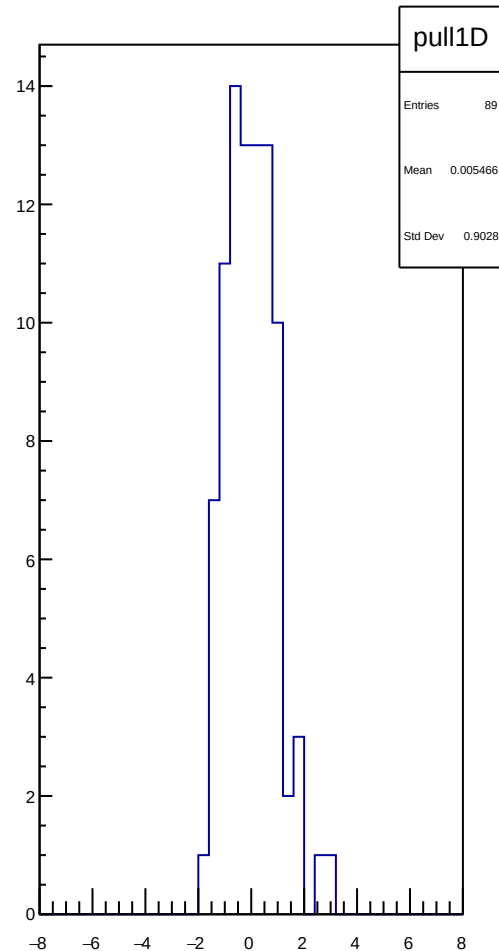
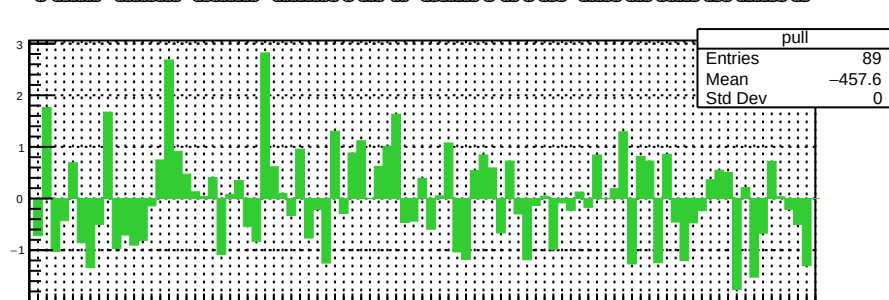
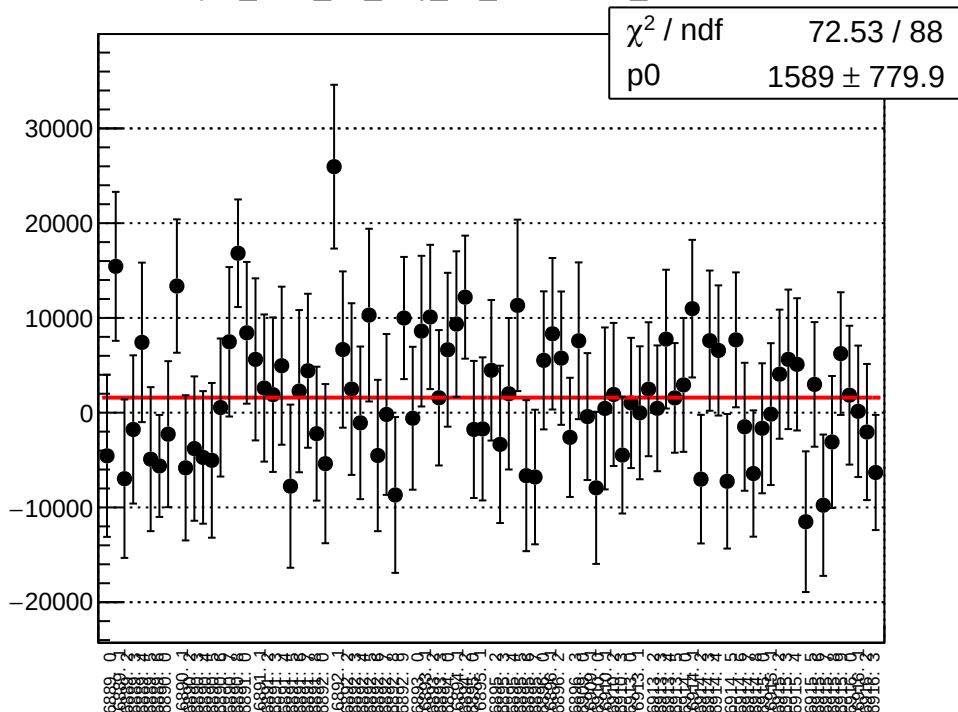
dit_asym_sam_26_avg_mean vs run



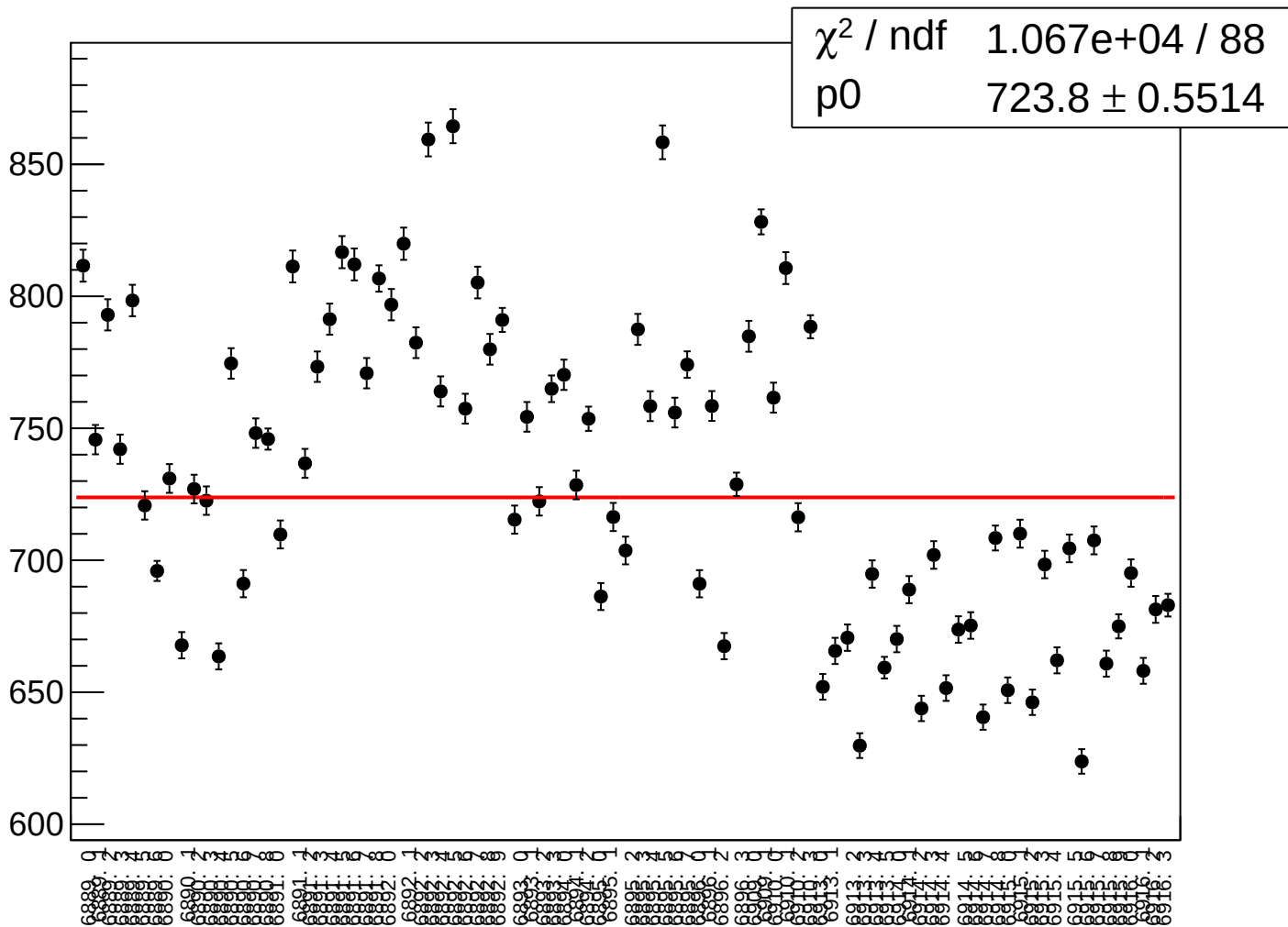
dit_asym_sam_26_avg_rms vs run



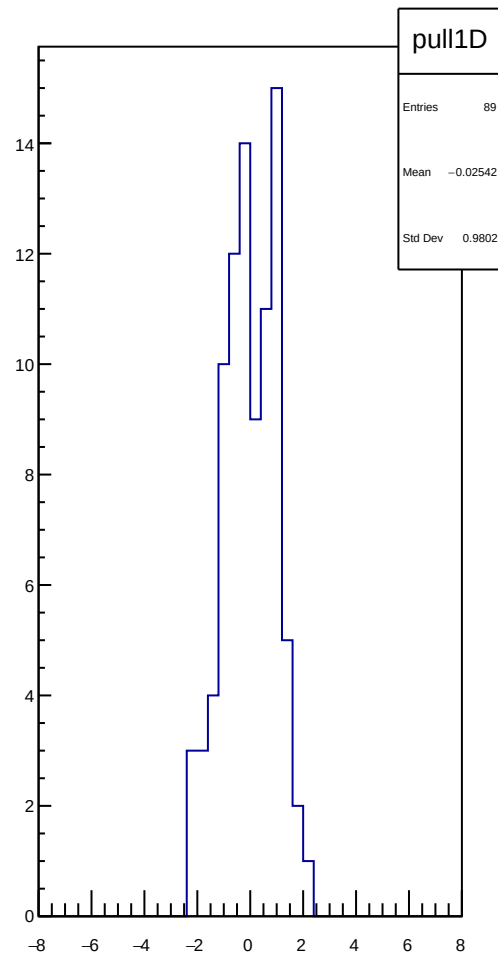
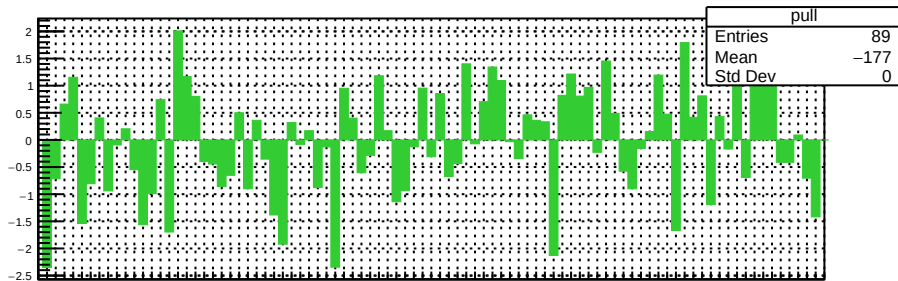
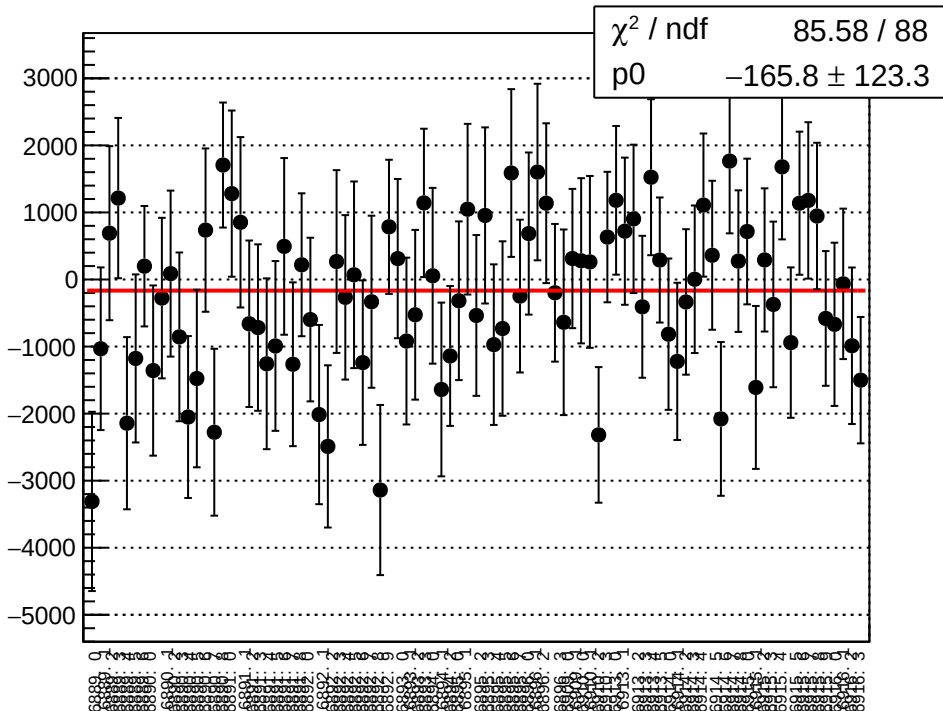
asym_sam_26_avg_dit_correction_mean vs run



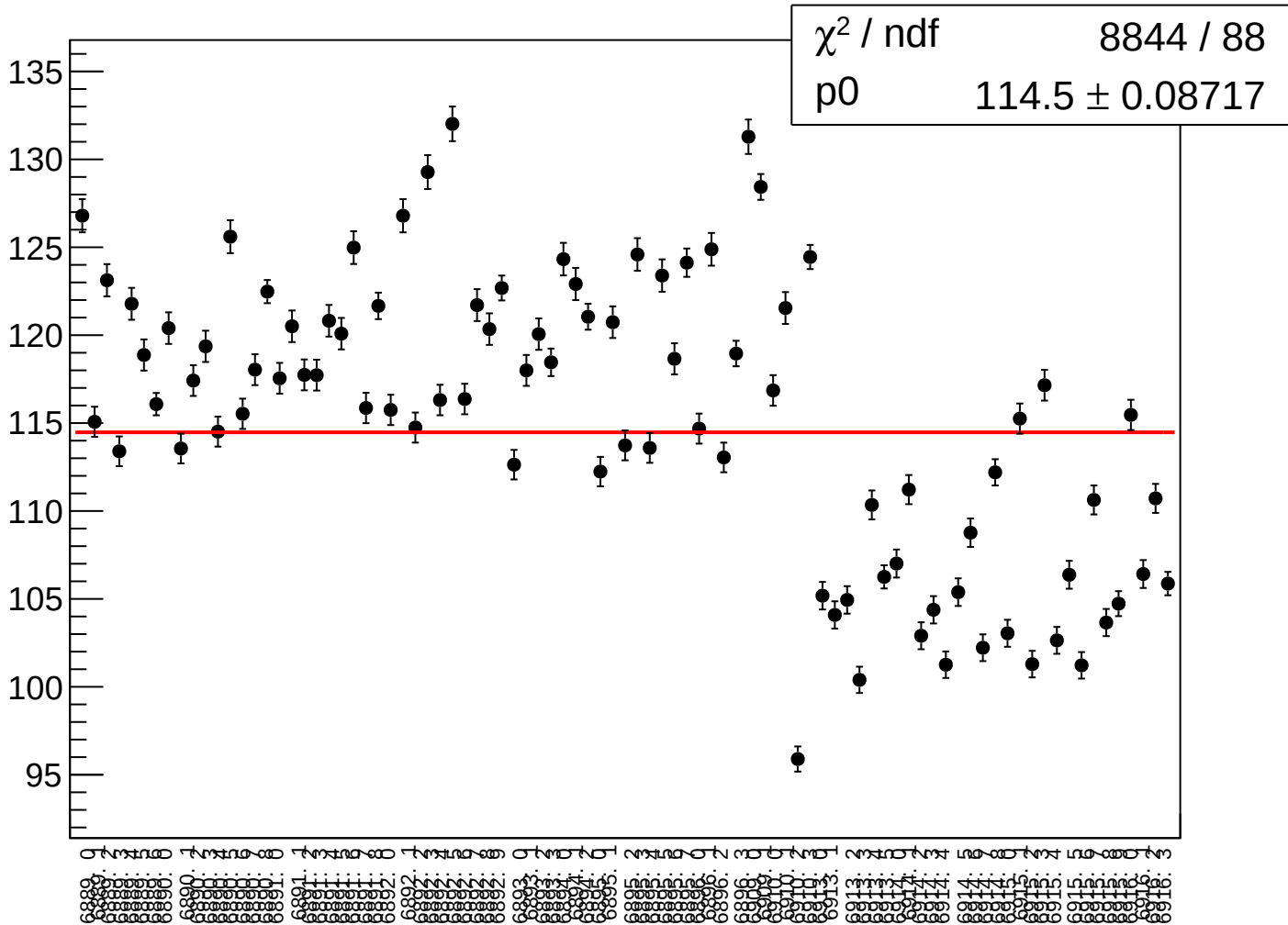
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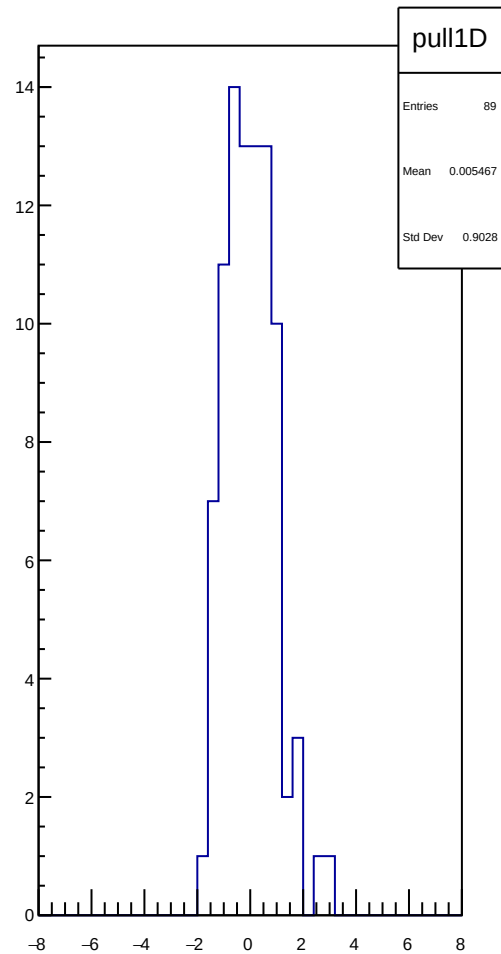
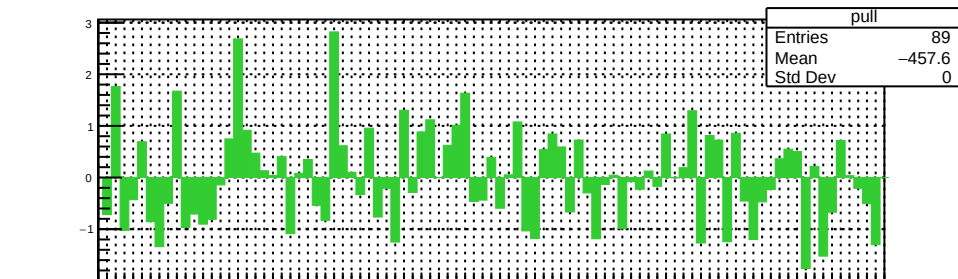
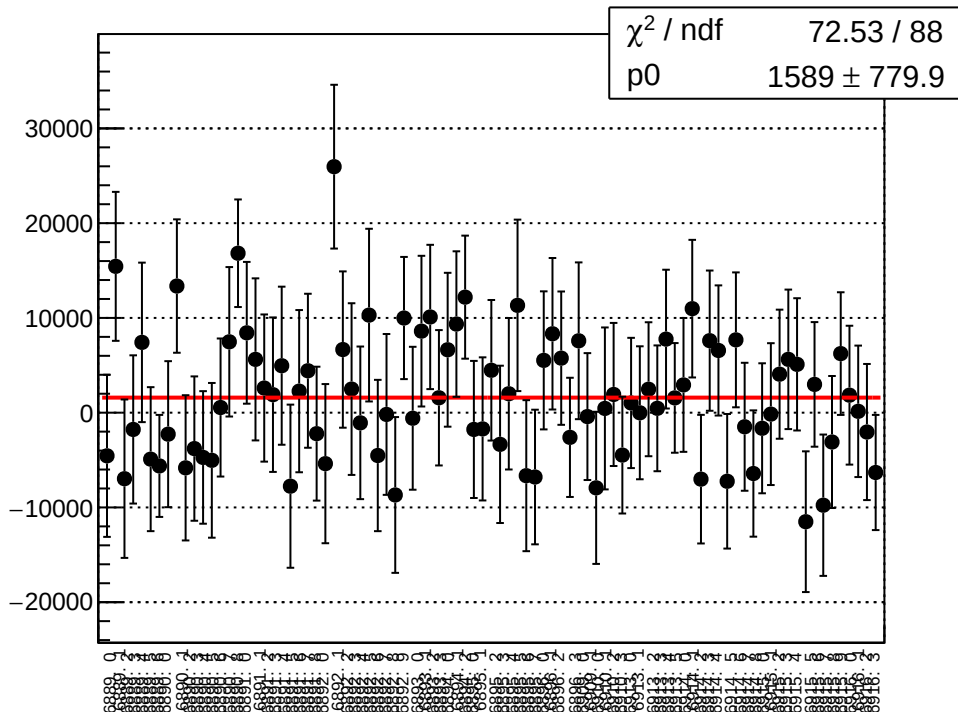
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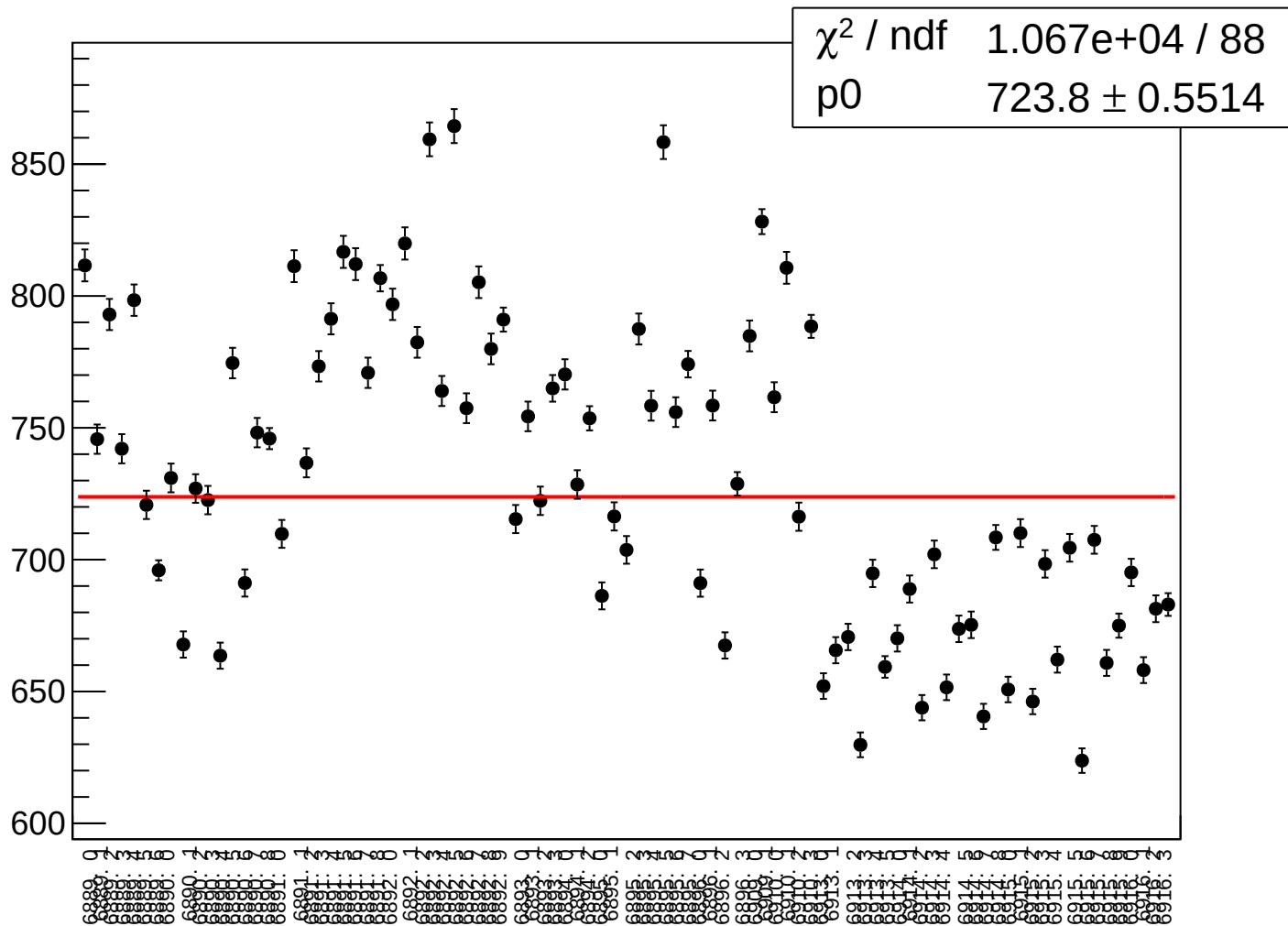
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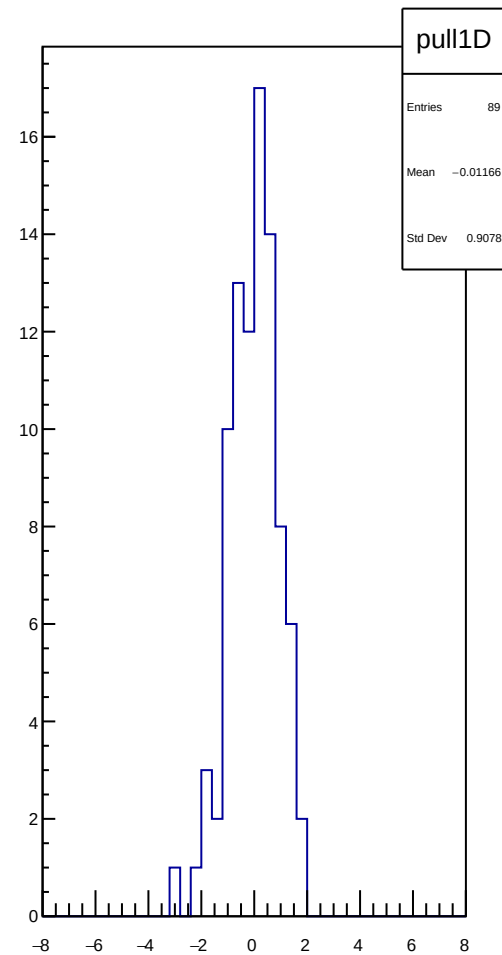
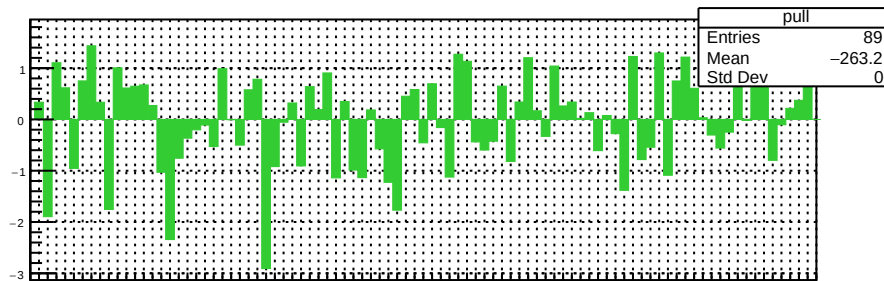
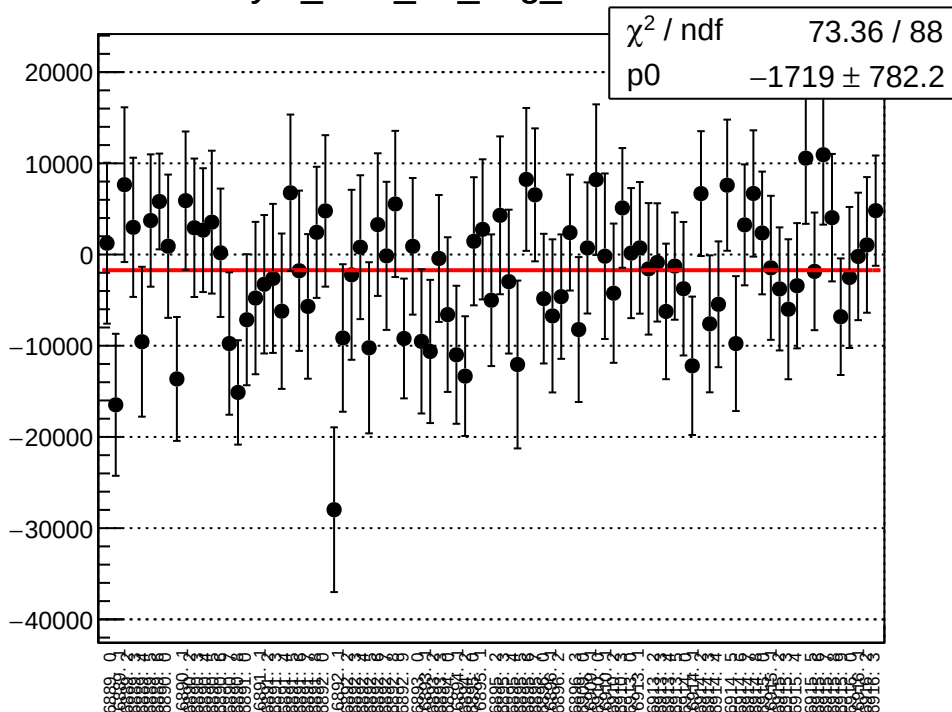
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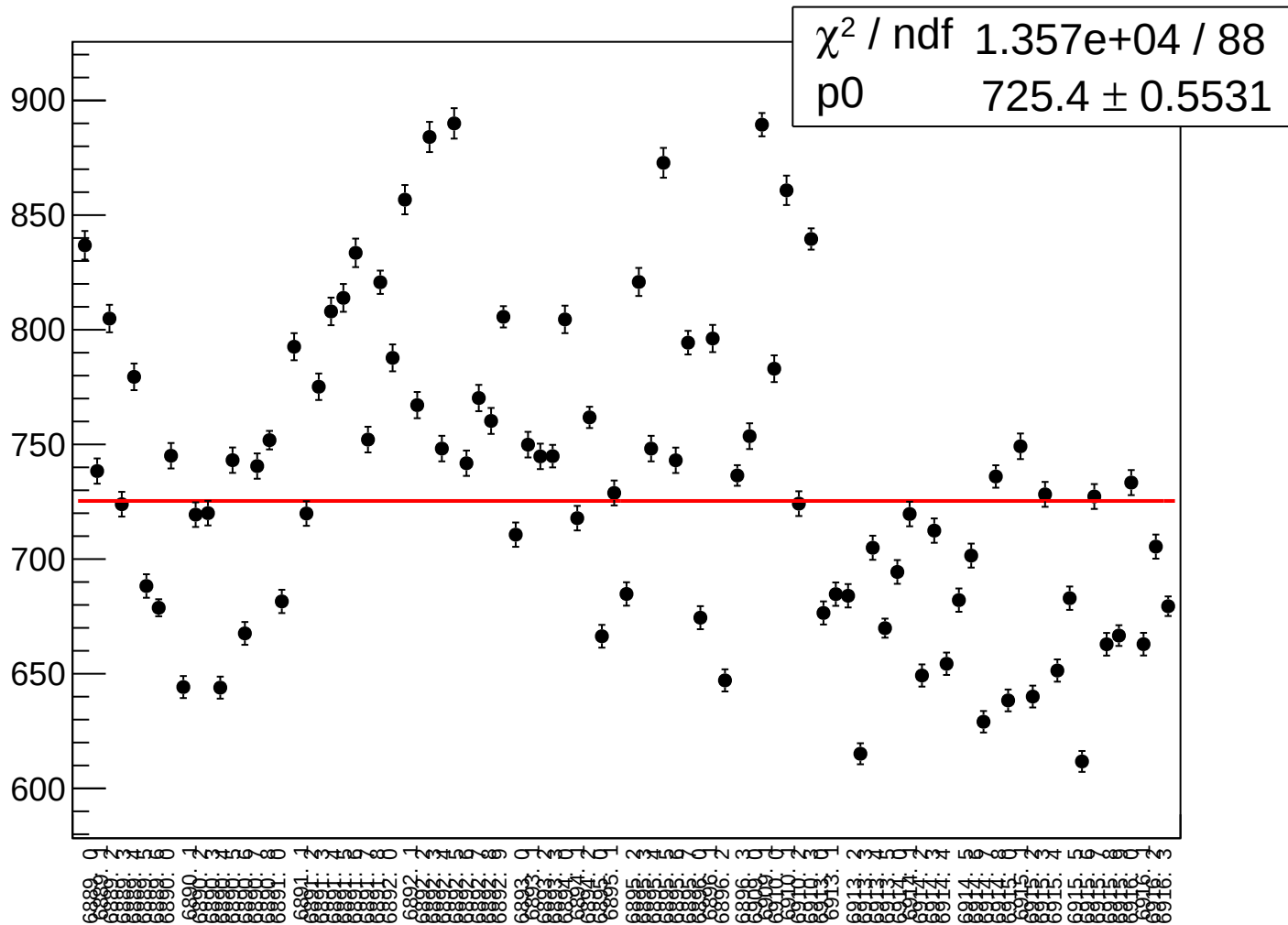
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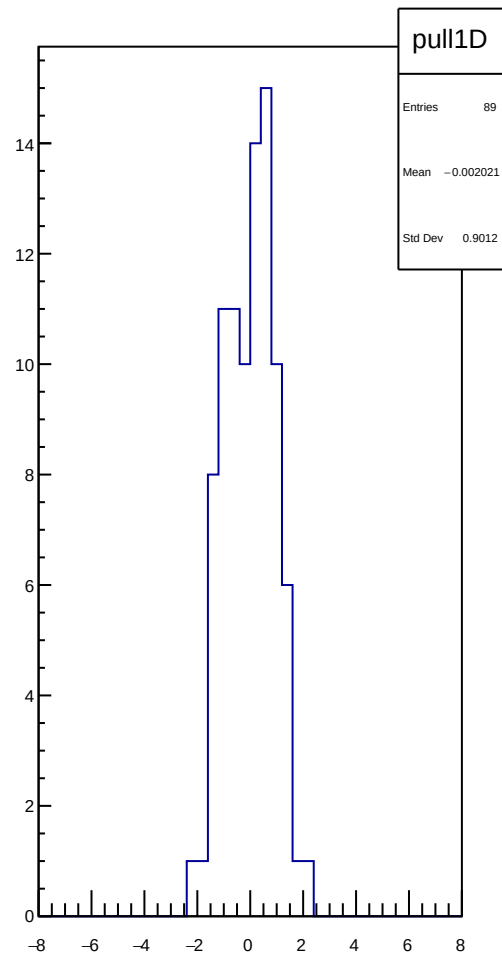
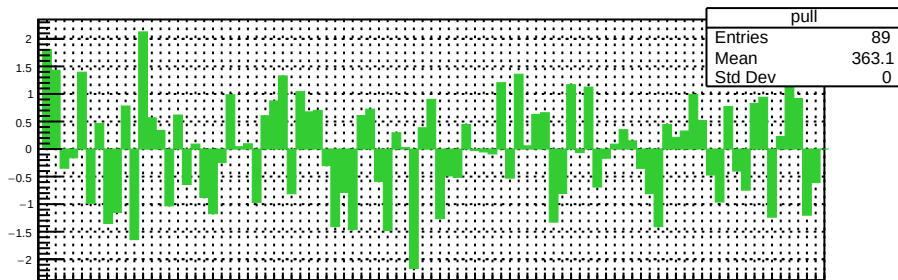
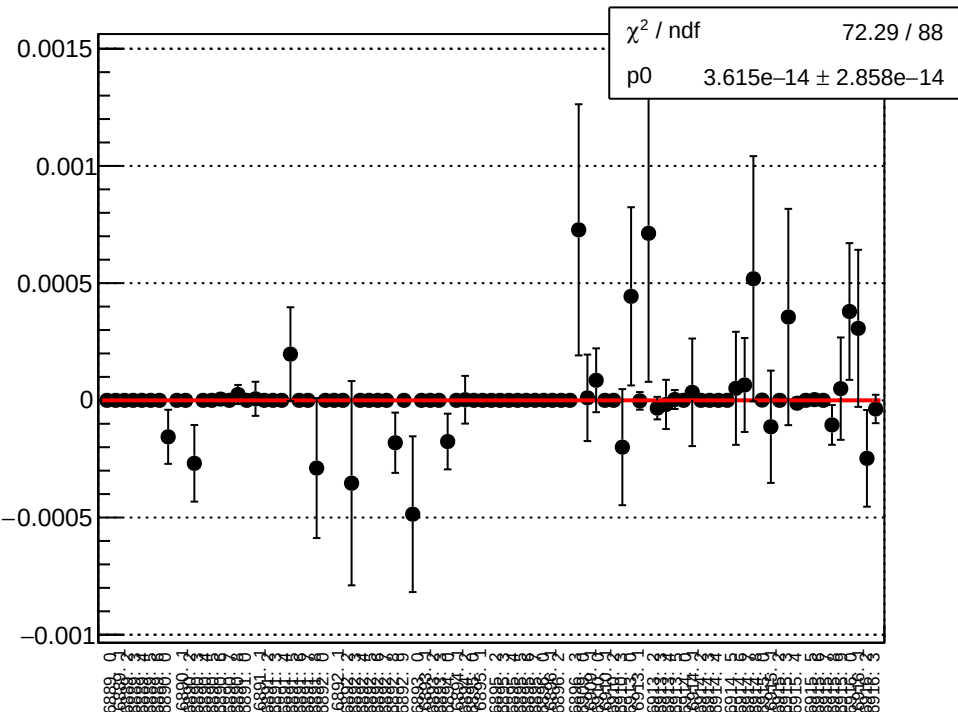
asym_sam_26_avg_mean vs run



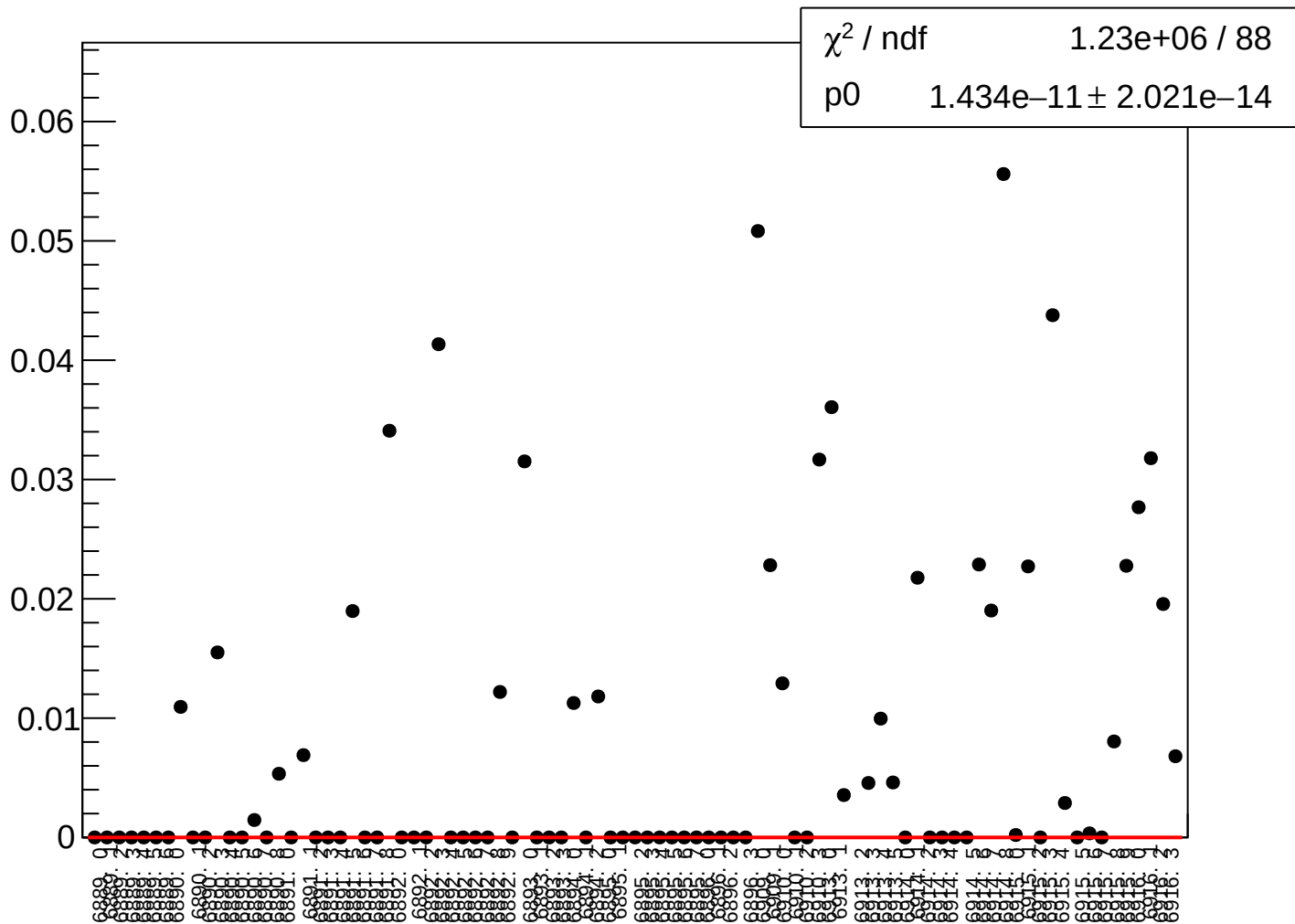
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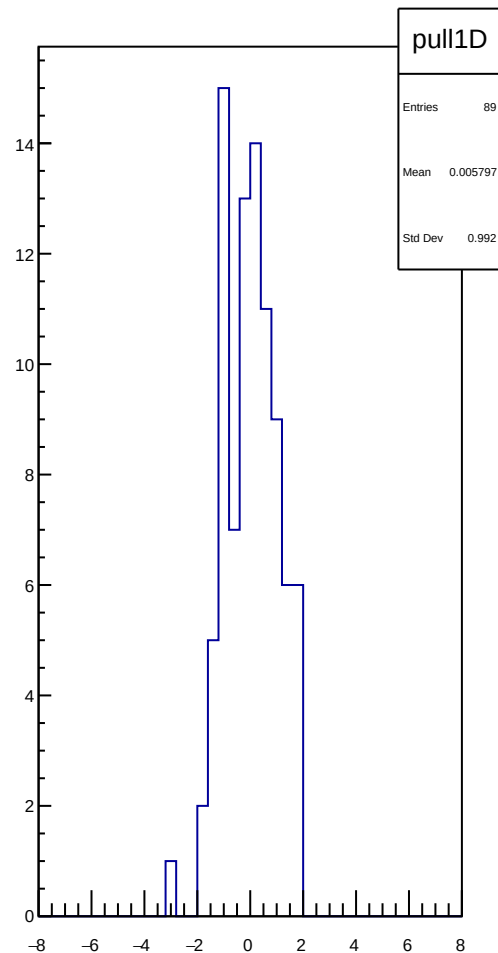
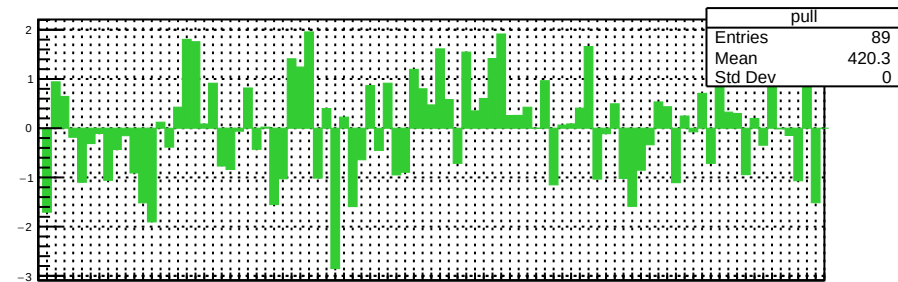
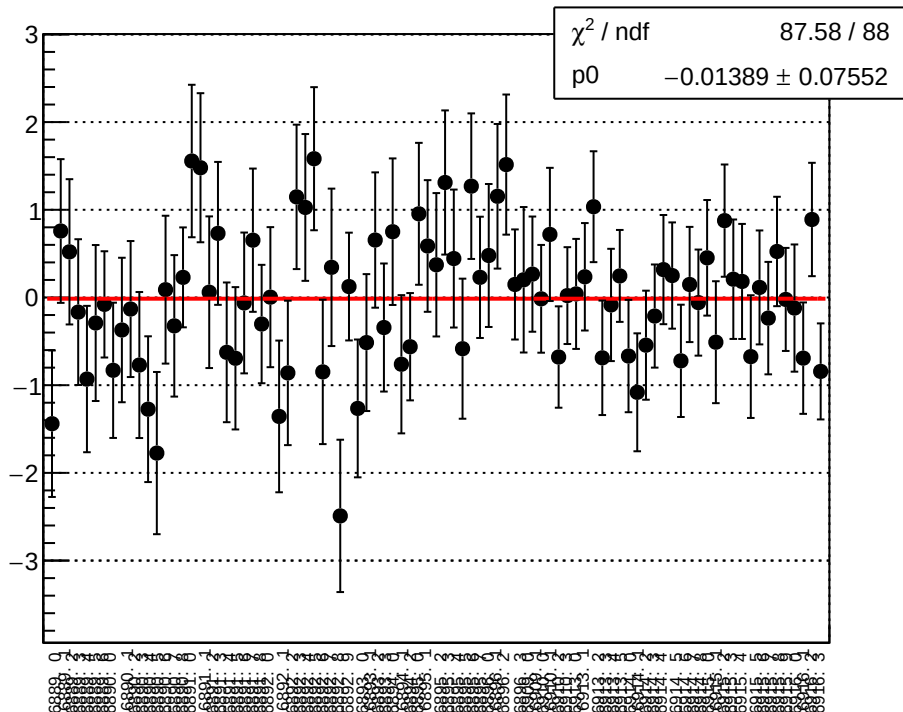
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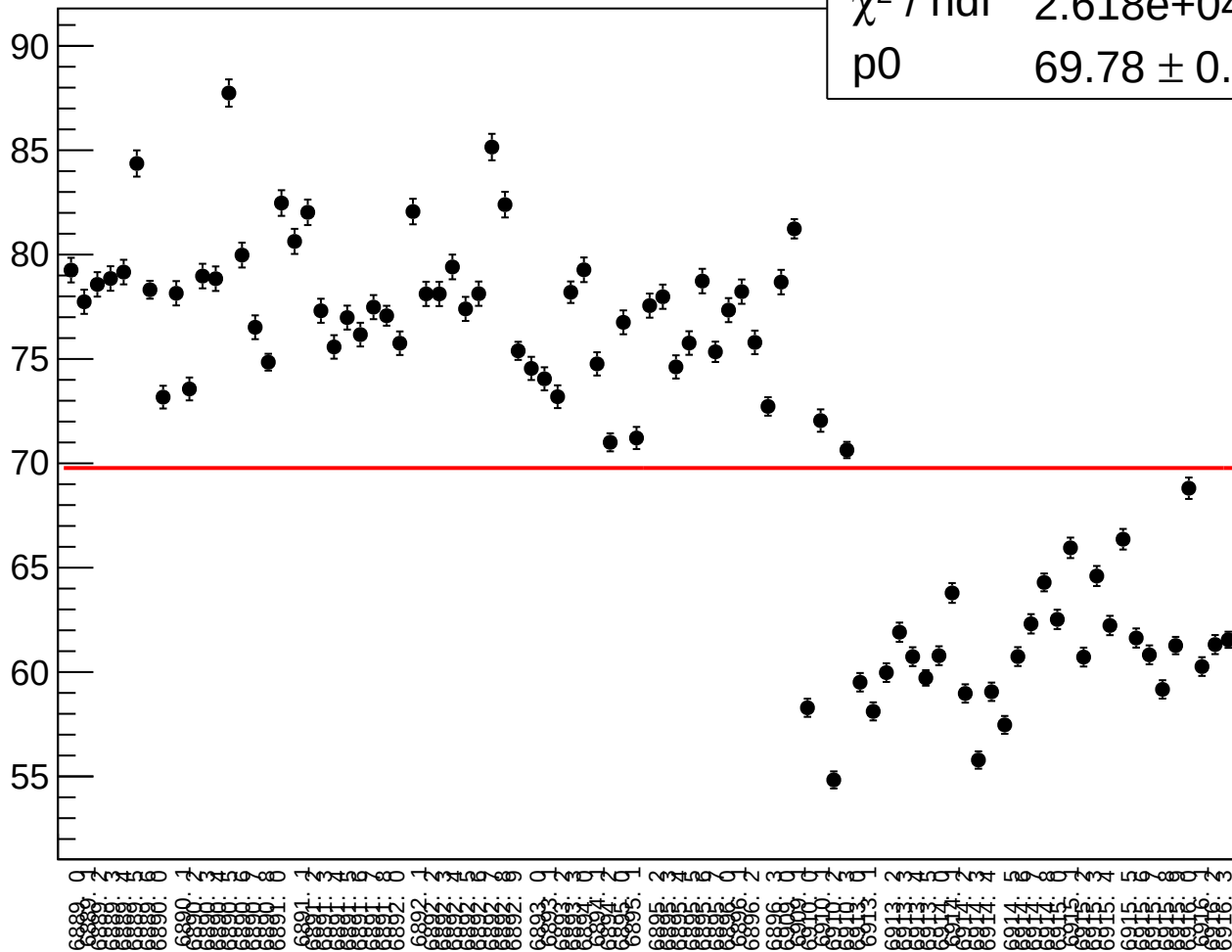


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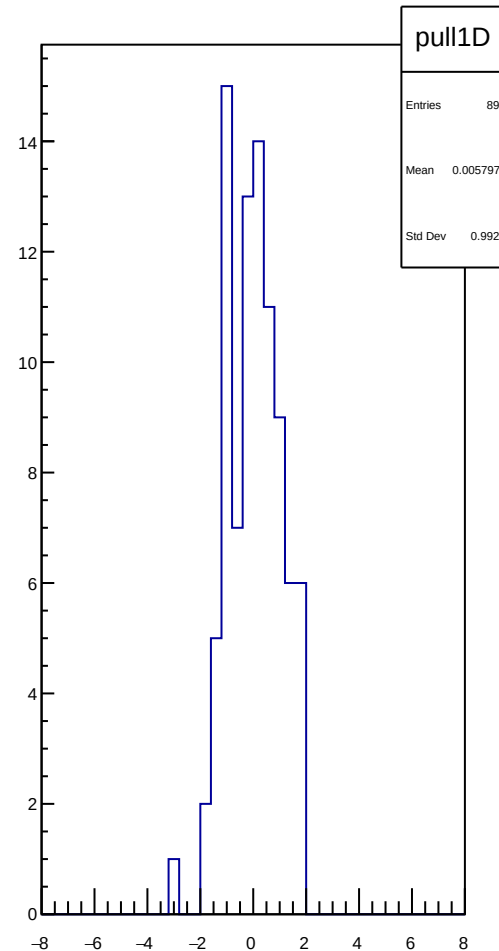
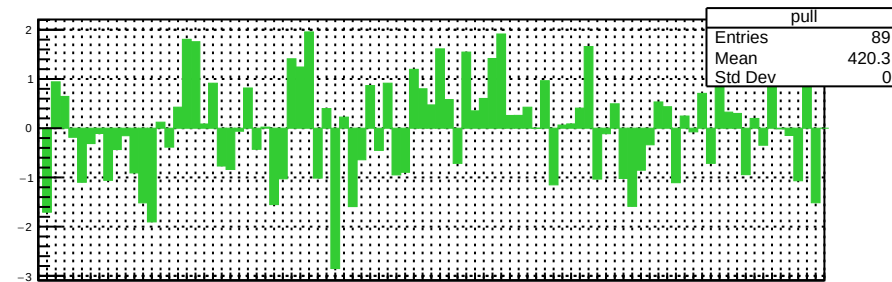
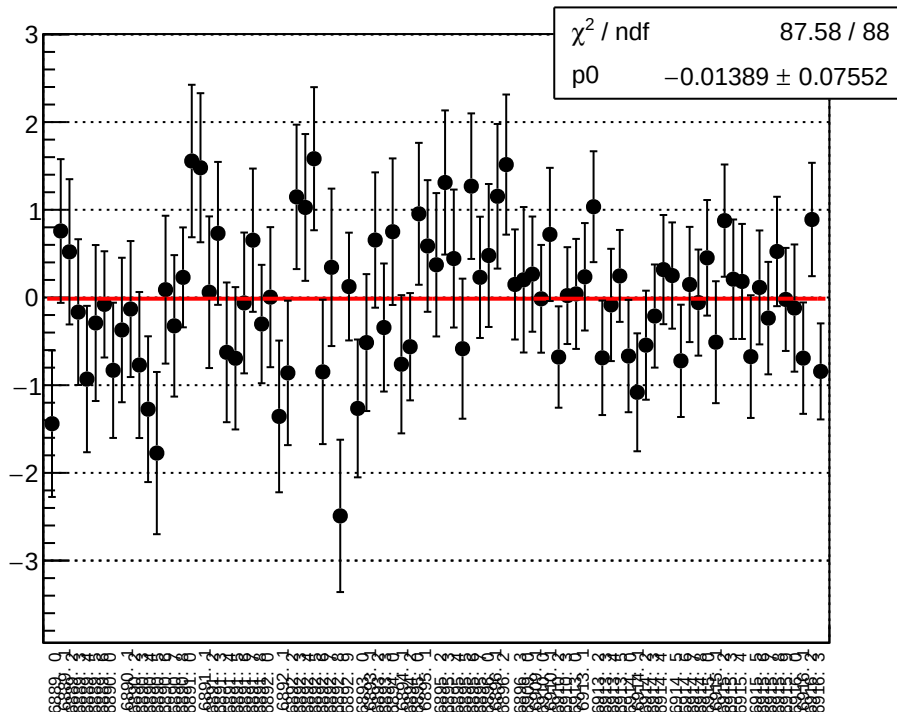


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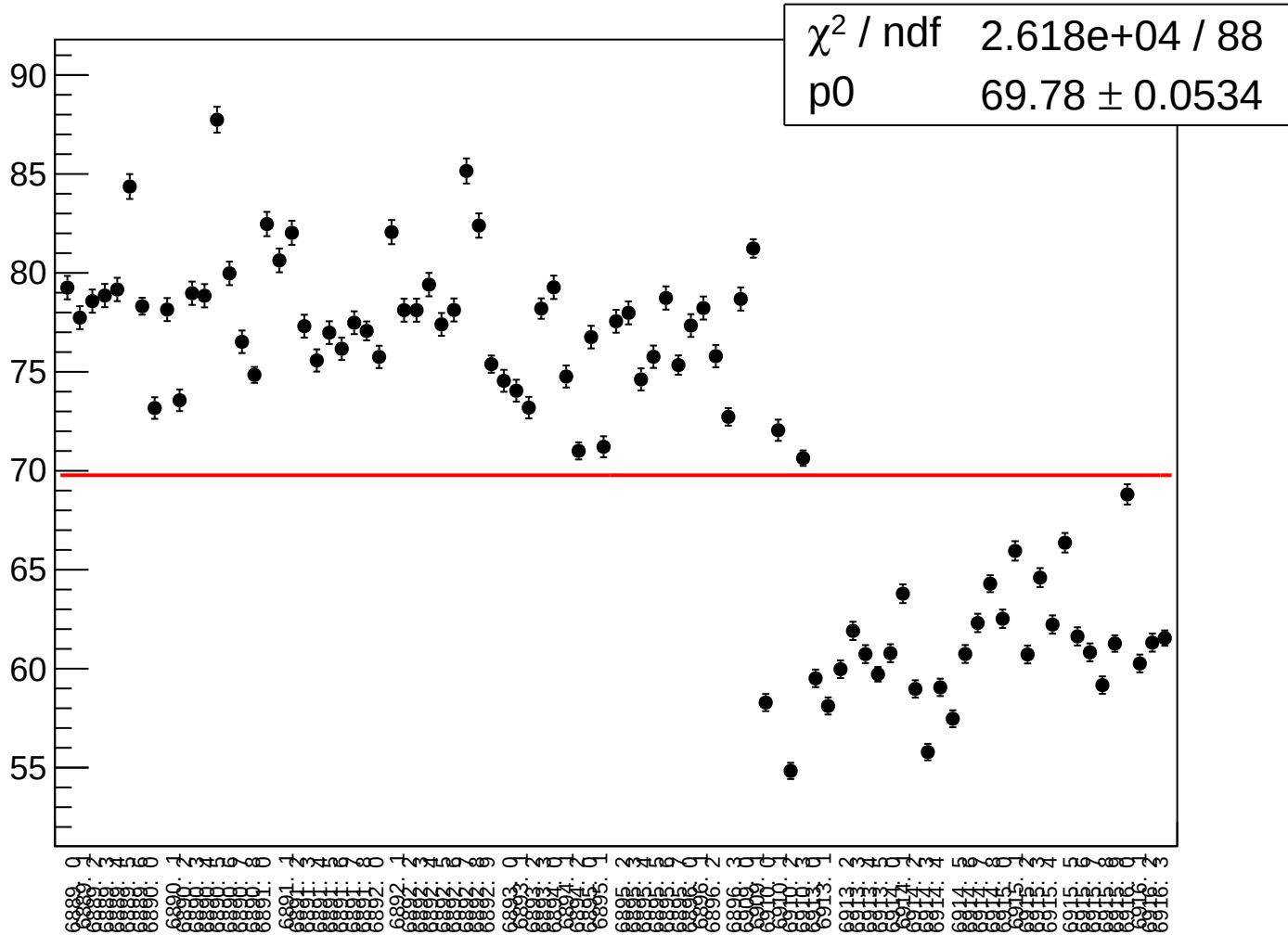
χ^2 / ndf 2.618e+04 / 88
p0 69.78 $\pm$ 0.0534



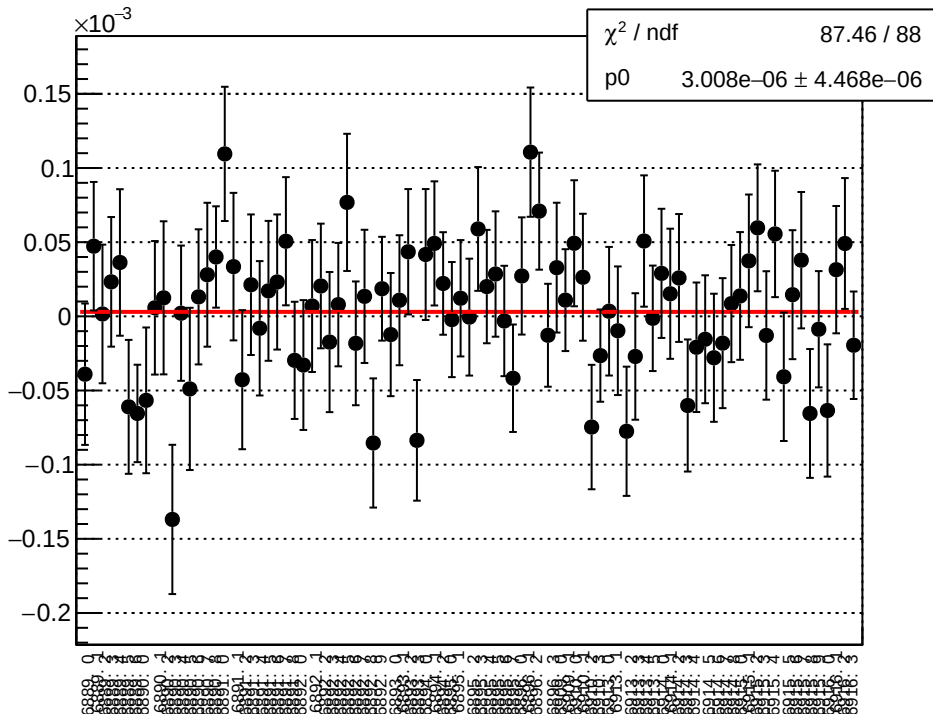
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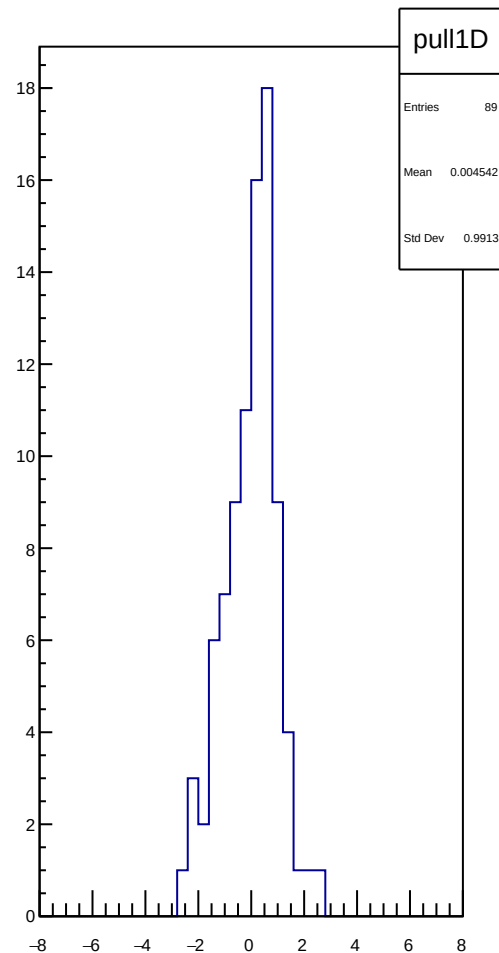
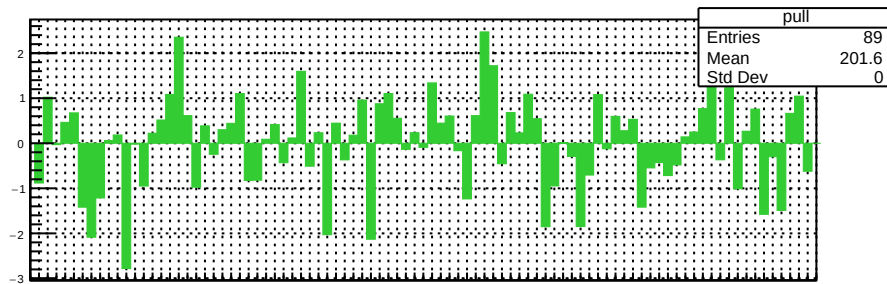
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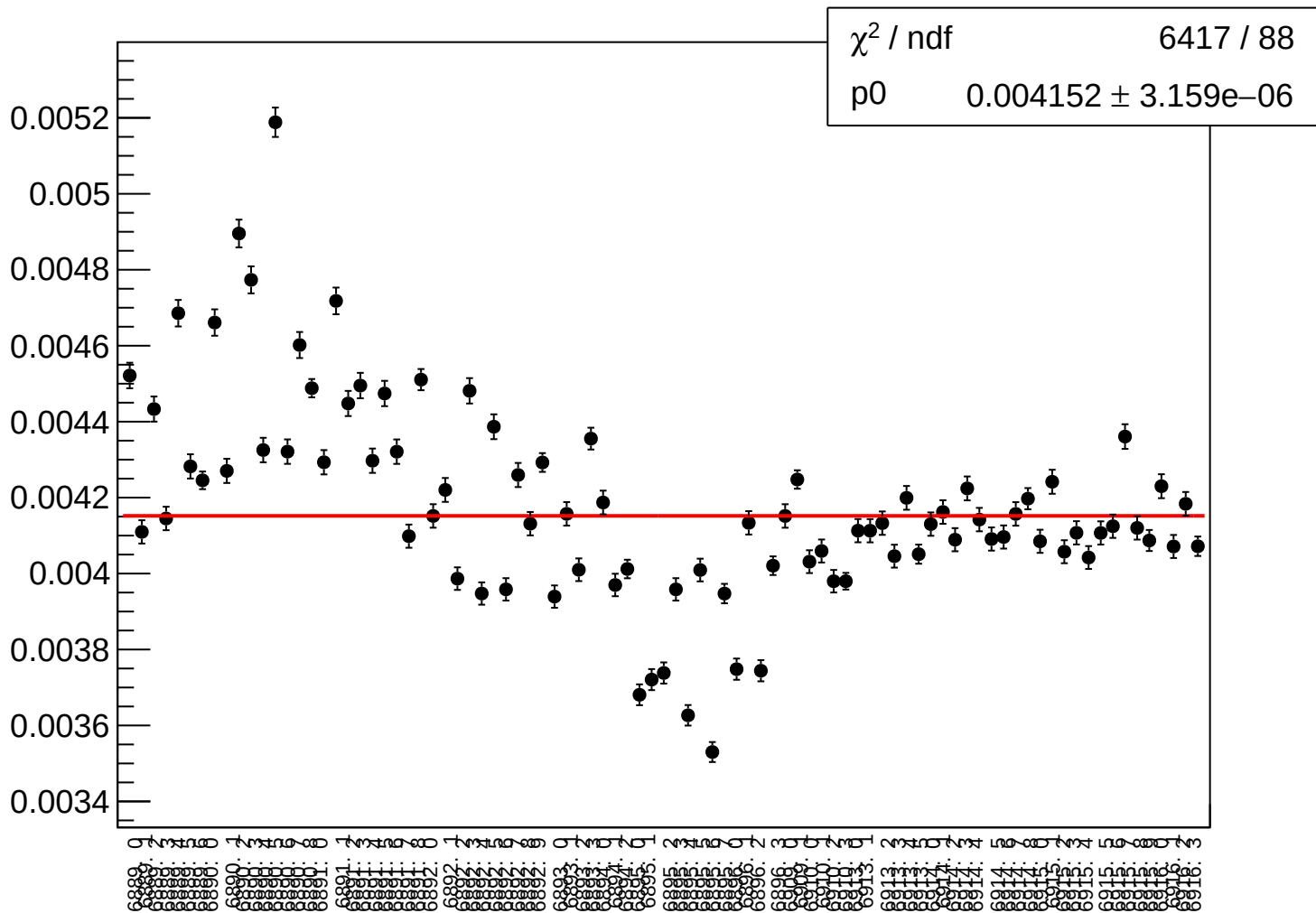
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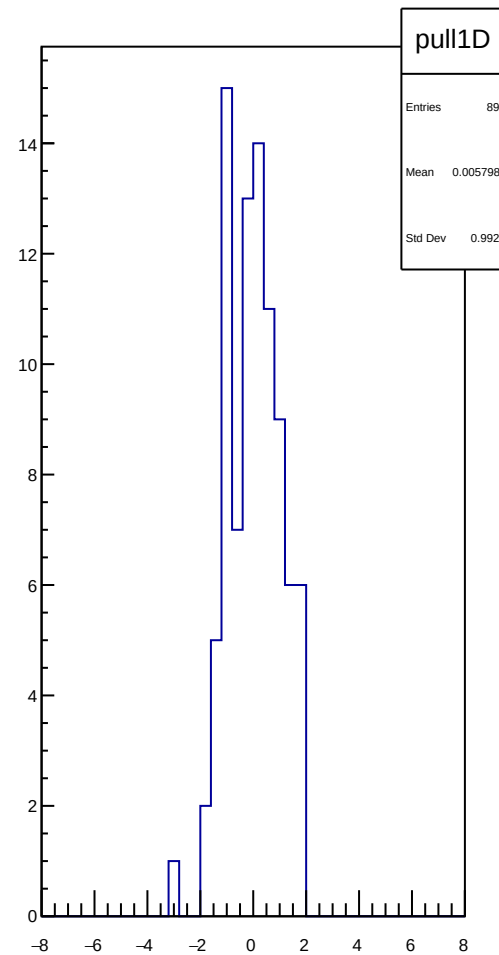
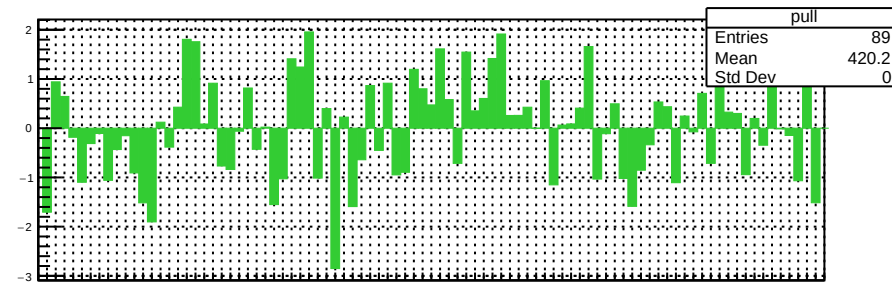
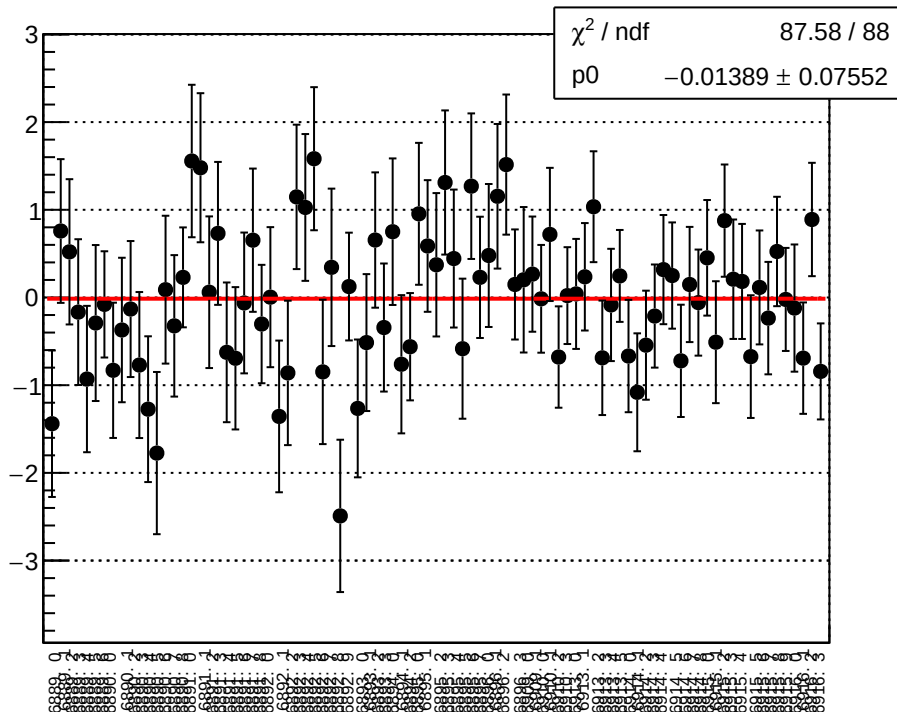
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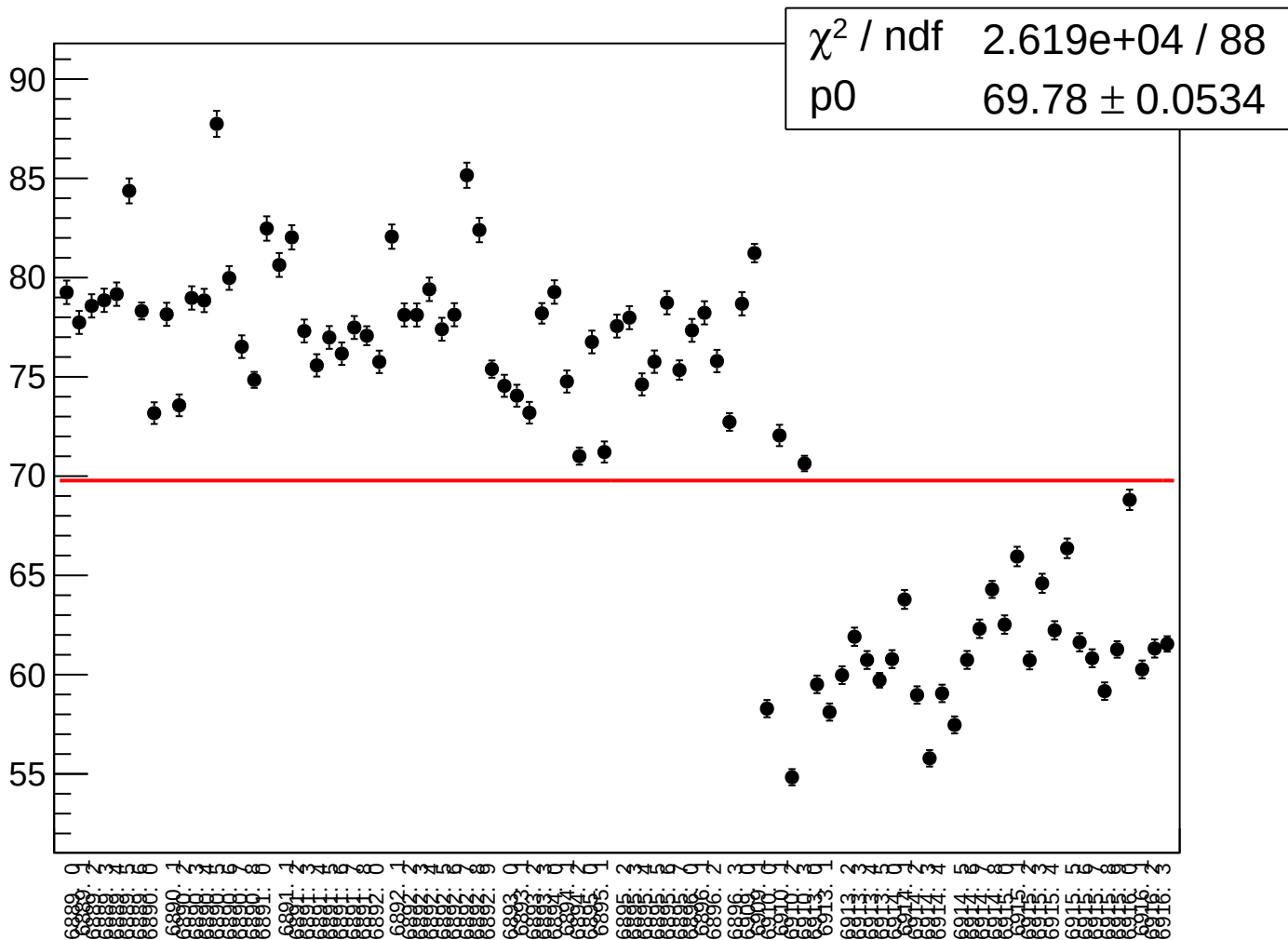
asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs run



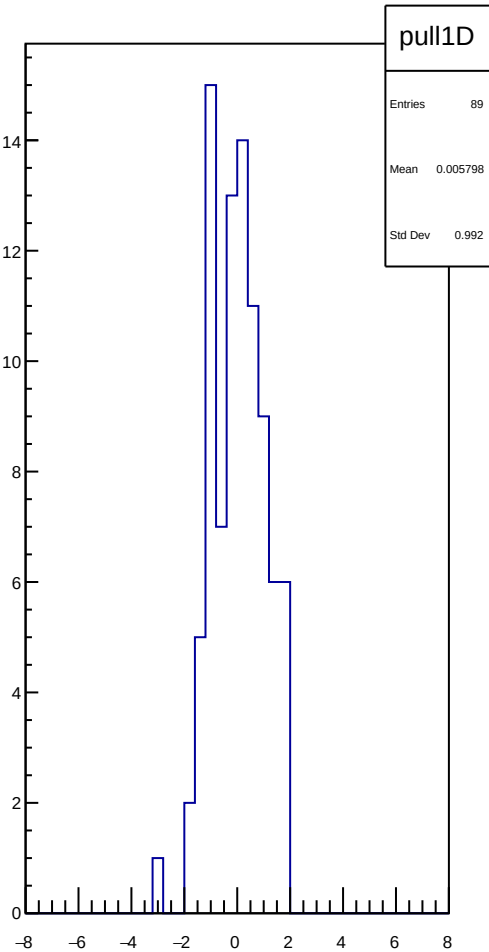
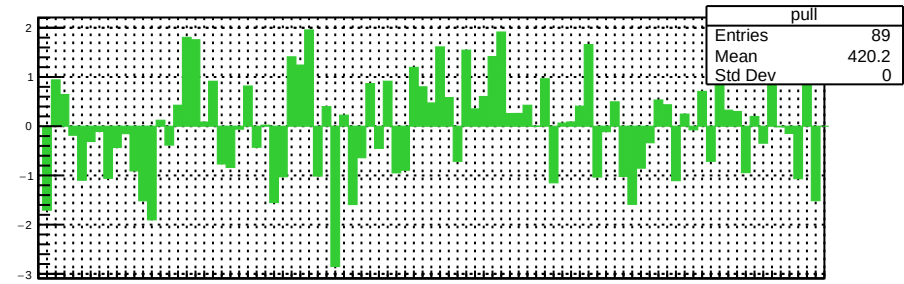
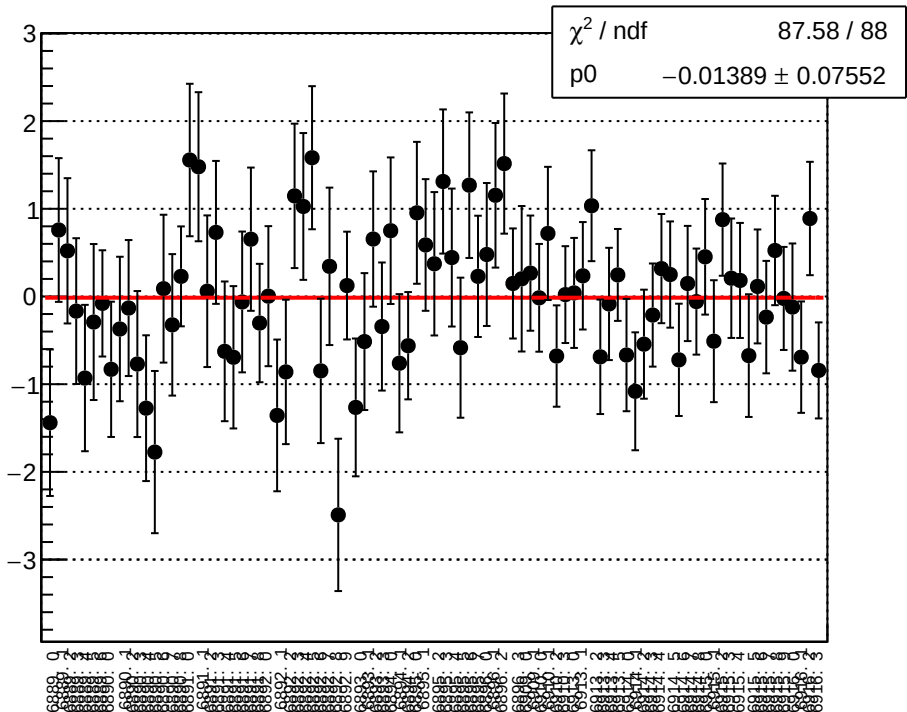
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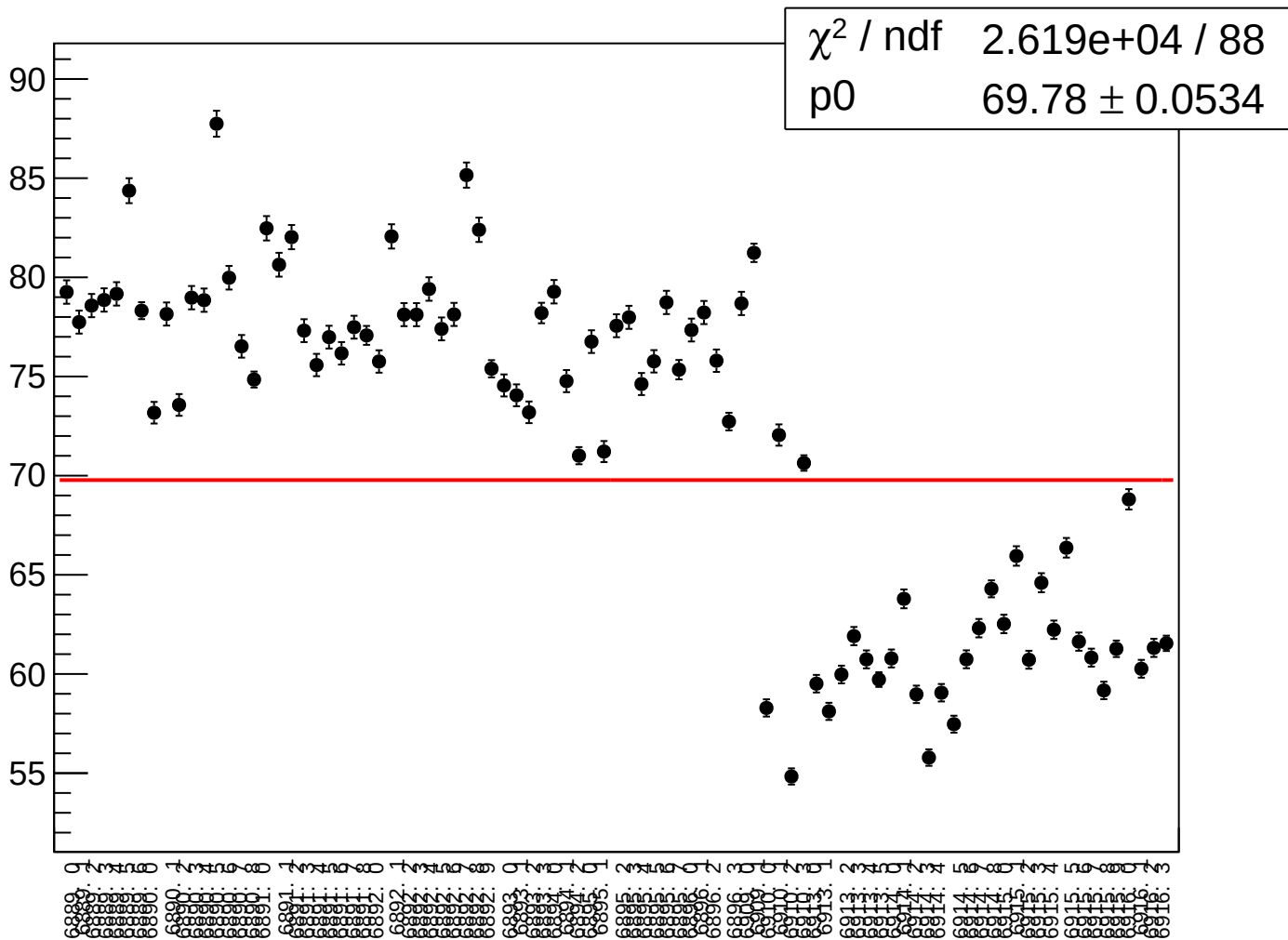
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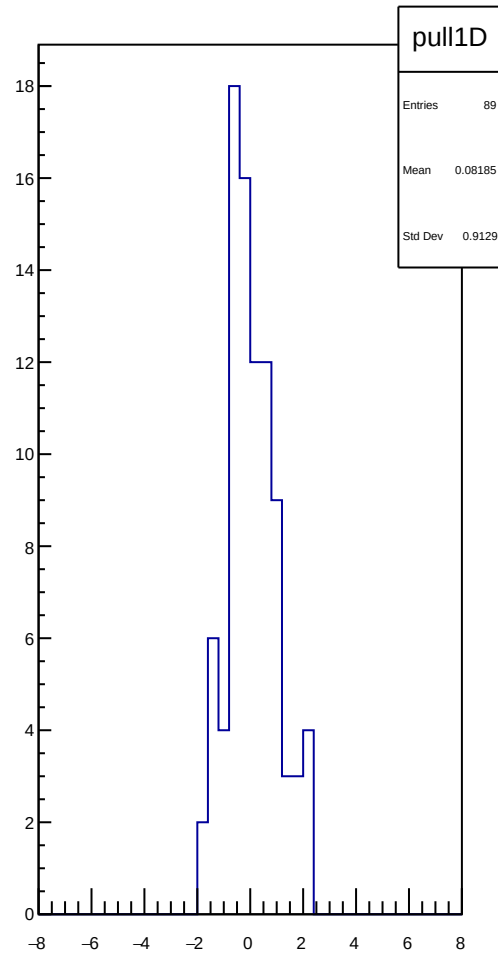
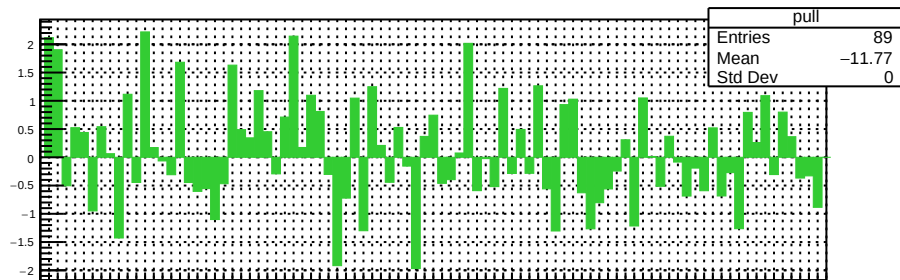
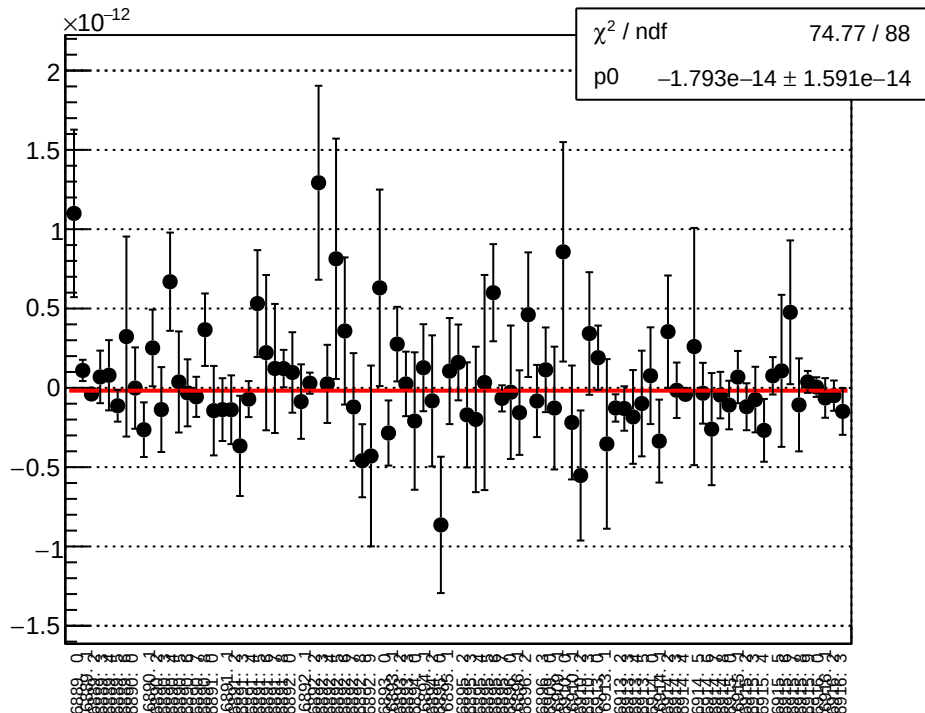
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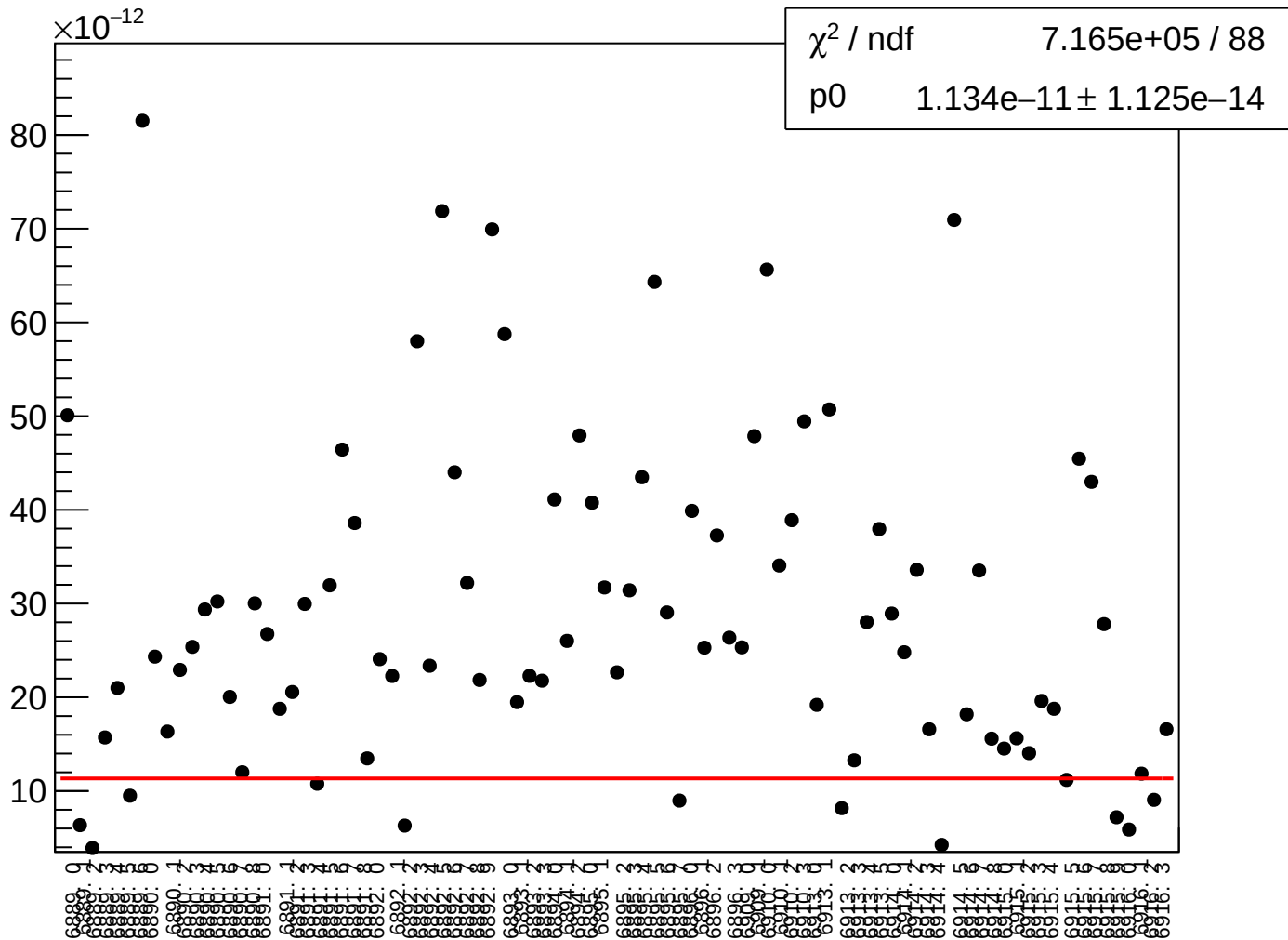
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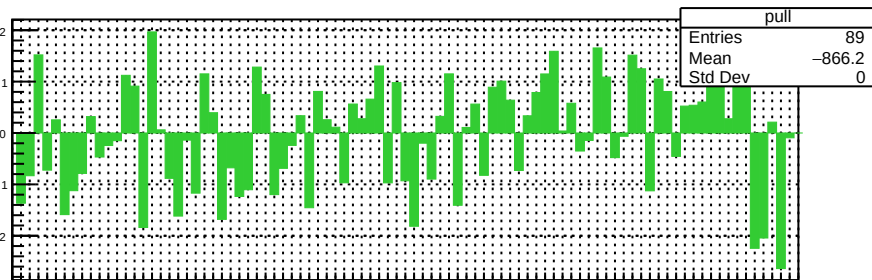
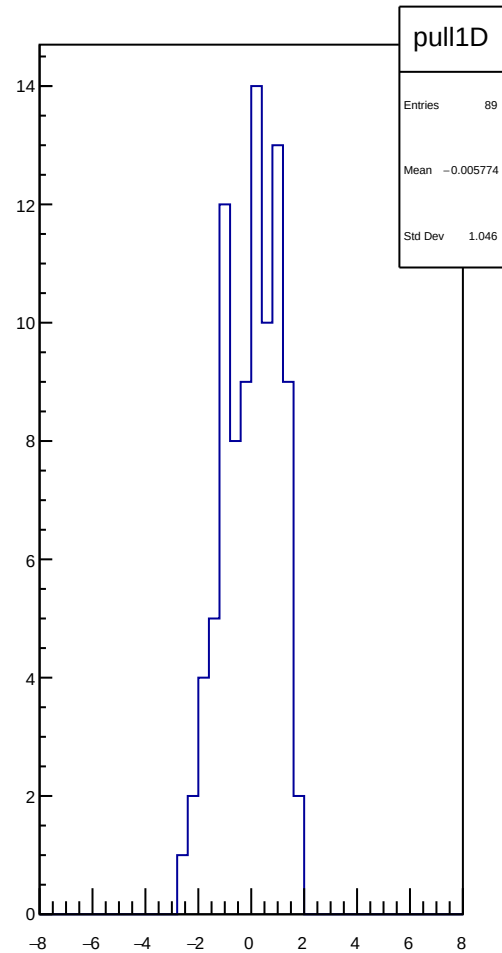
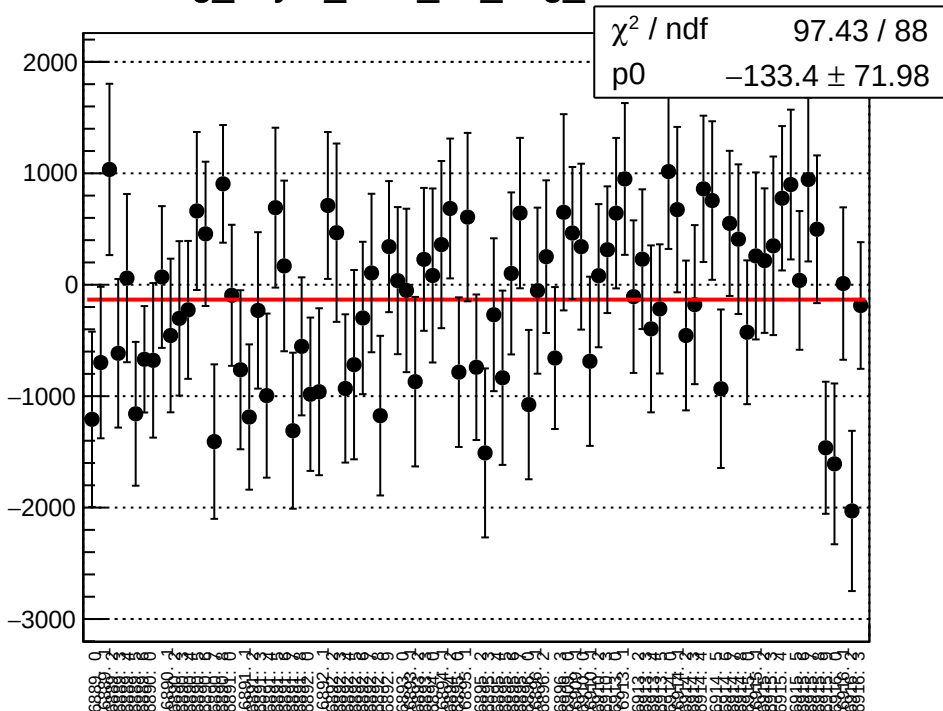
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asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_37_avg_mean vs run



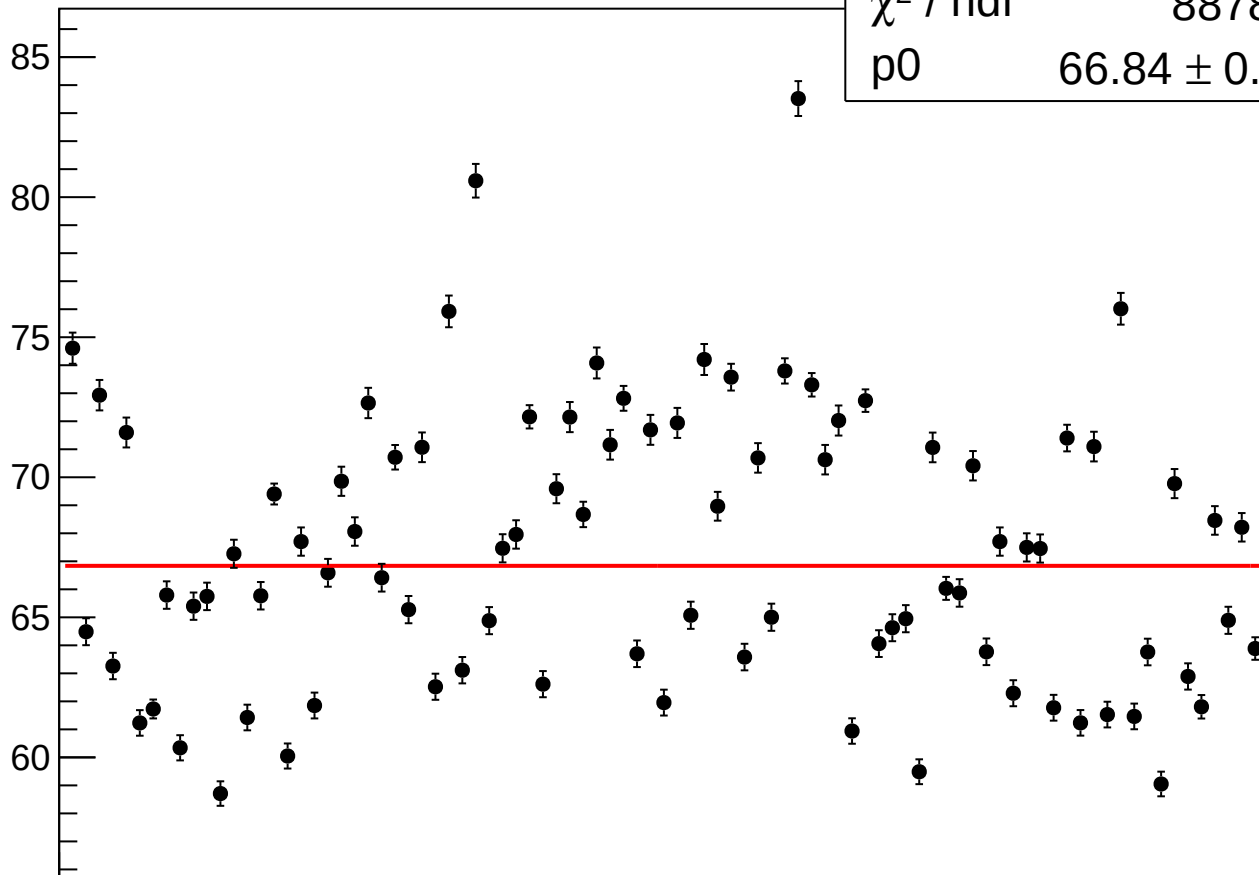
reg_asym_sam_37_avg_rms vs run

χ^2 / ndf

8878 / 88

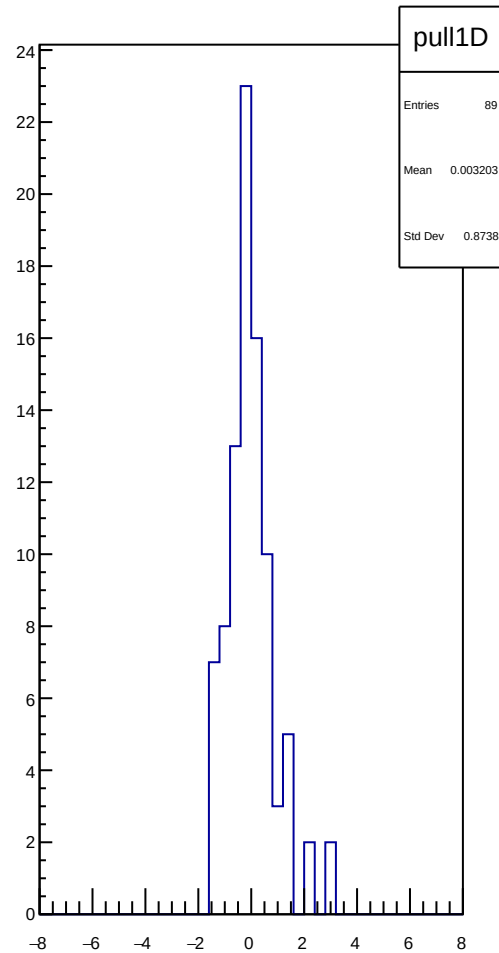
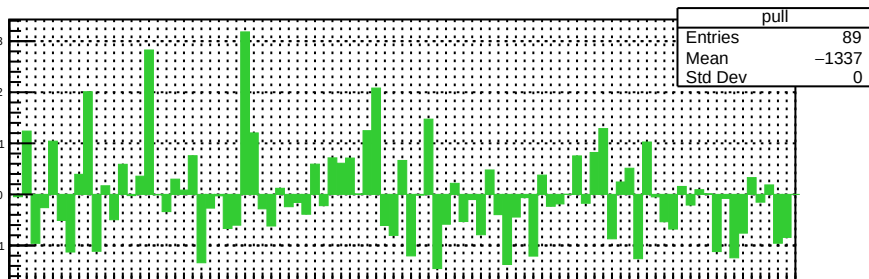
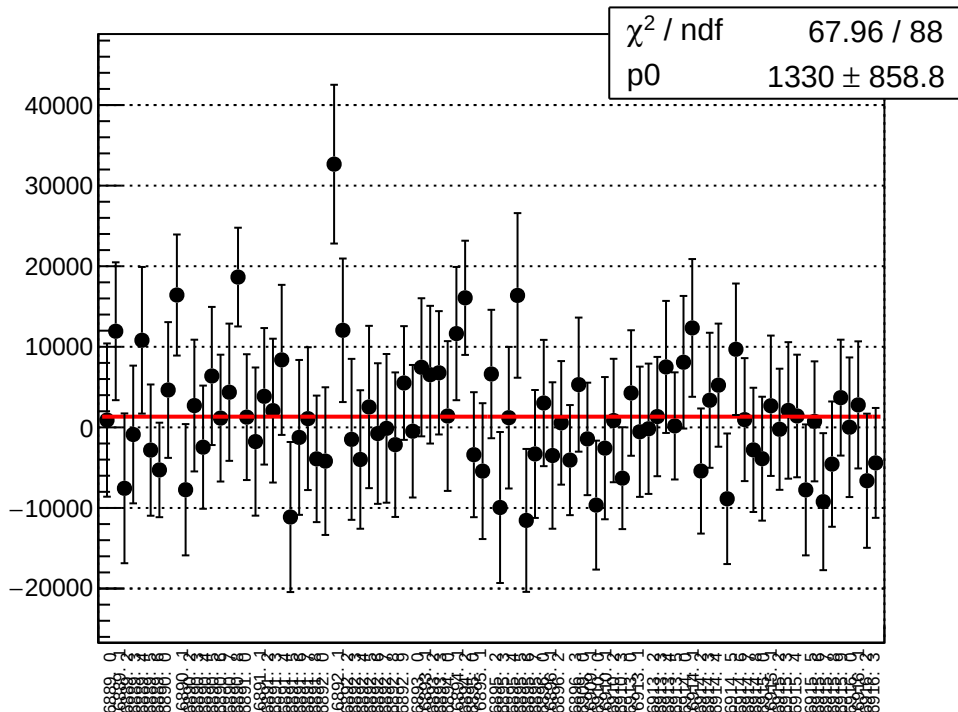
p0

66.84 ± 0.0509

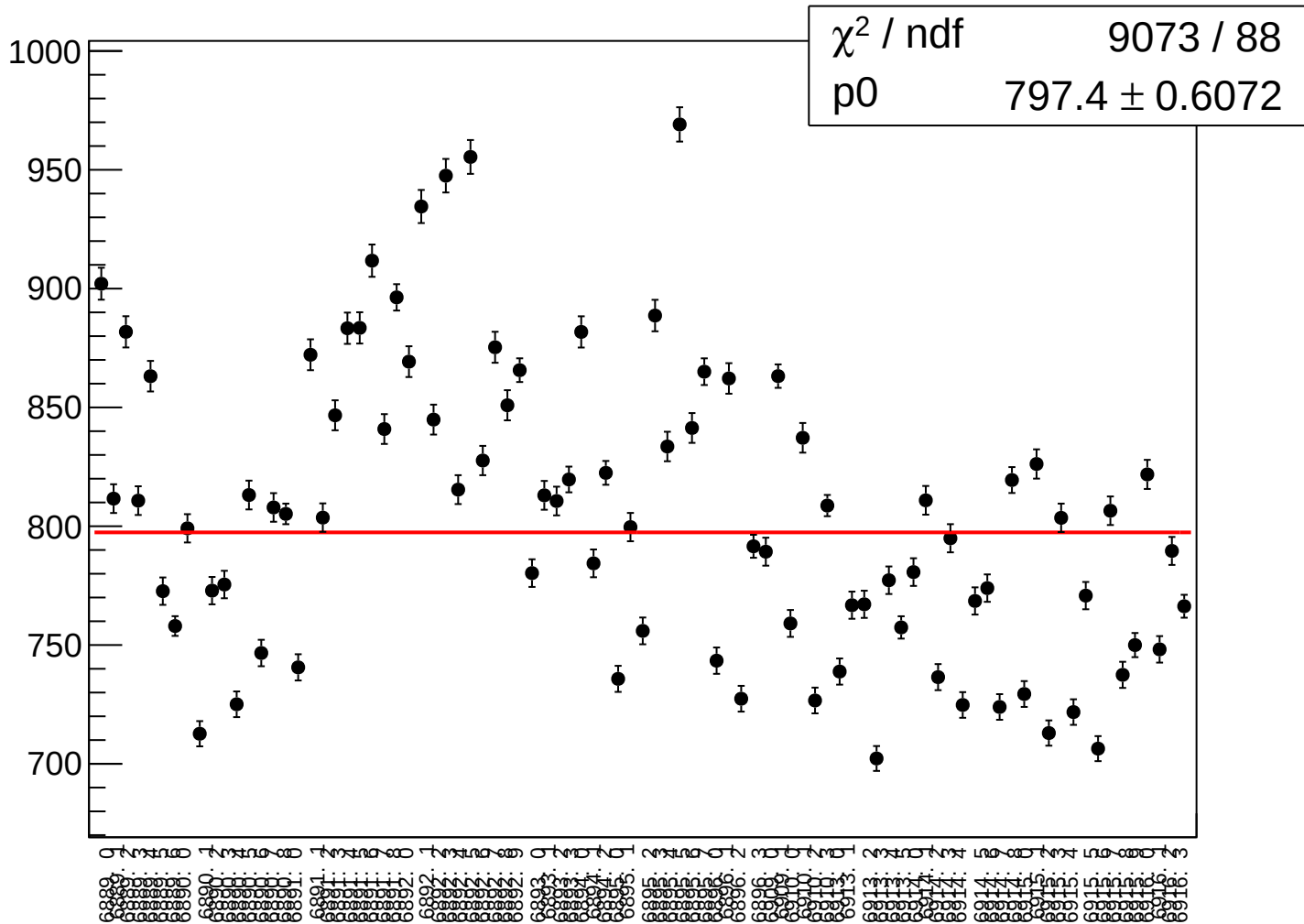


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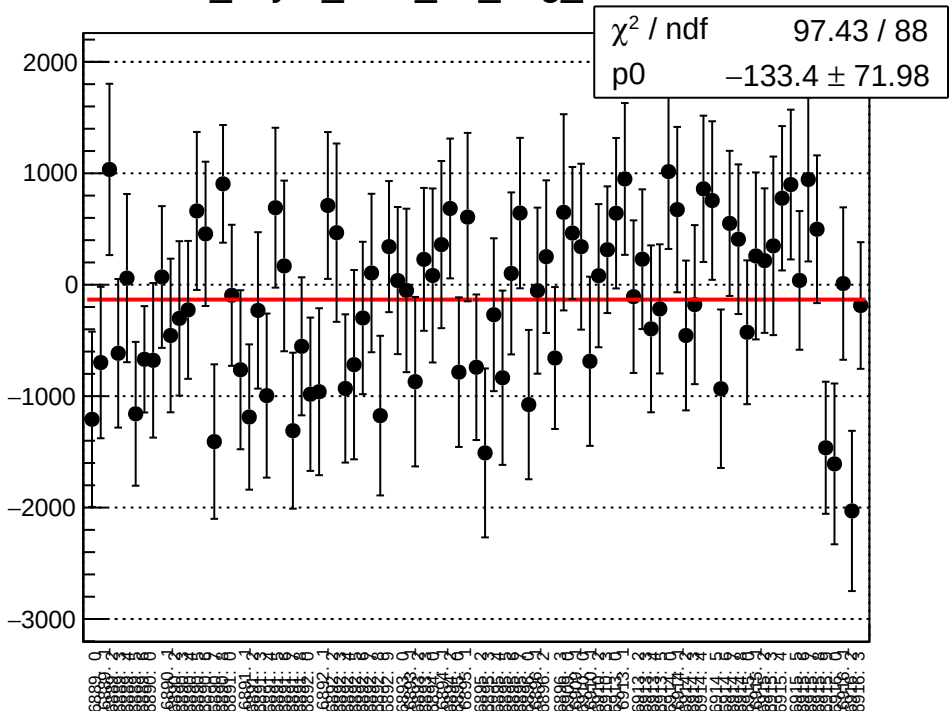
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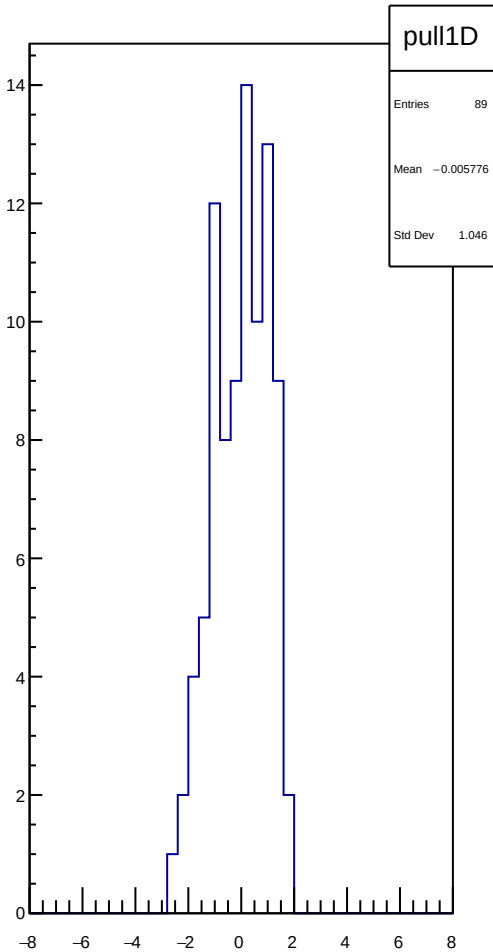
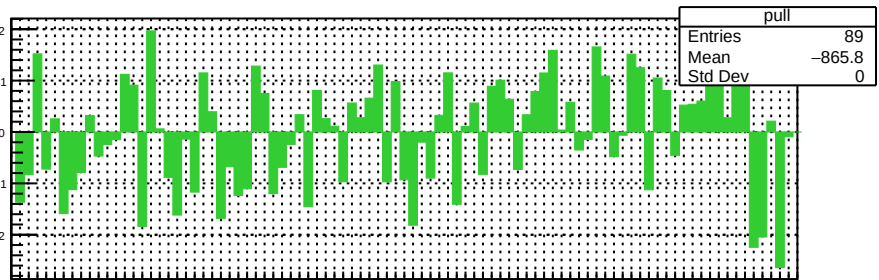
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cor_asym_sam_37_avg_mean vs run



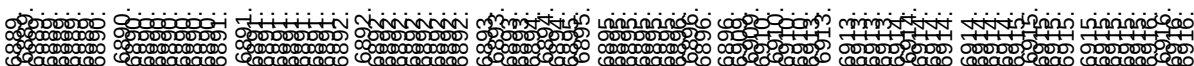
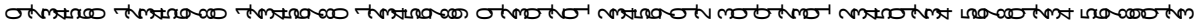
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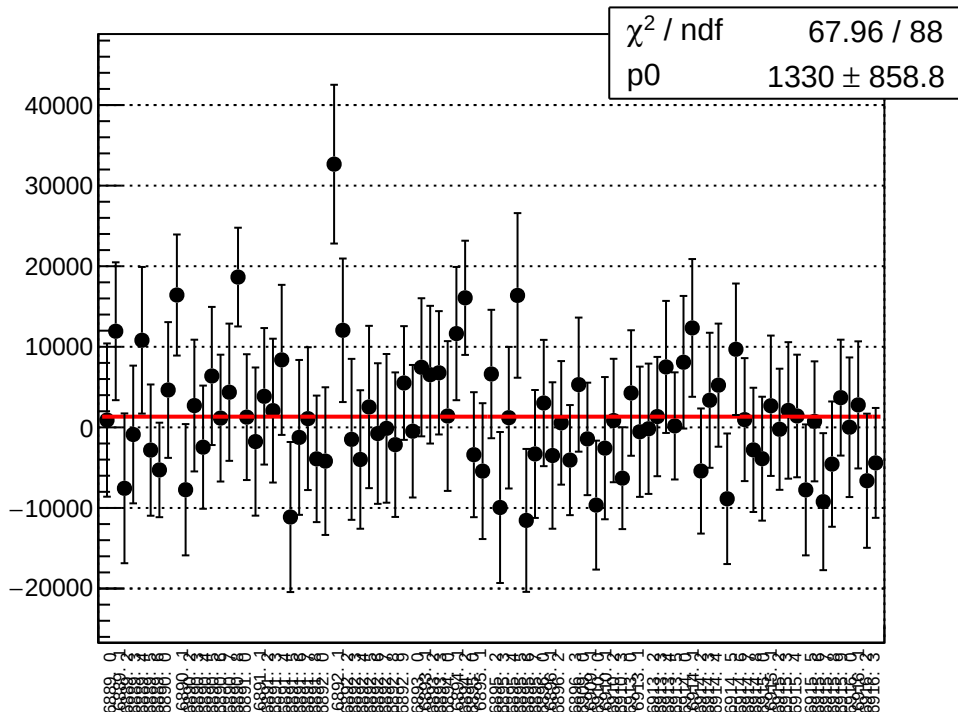
χ^2 / ndf

8878 / 88

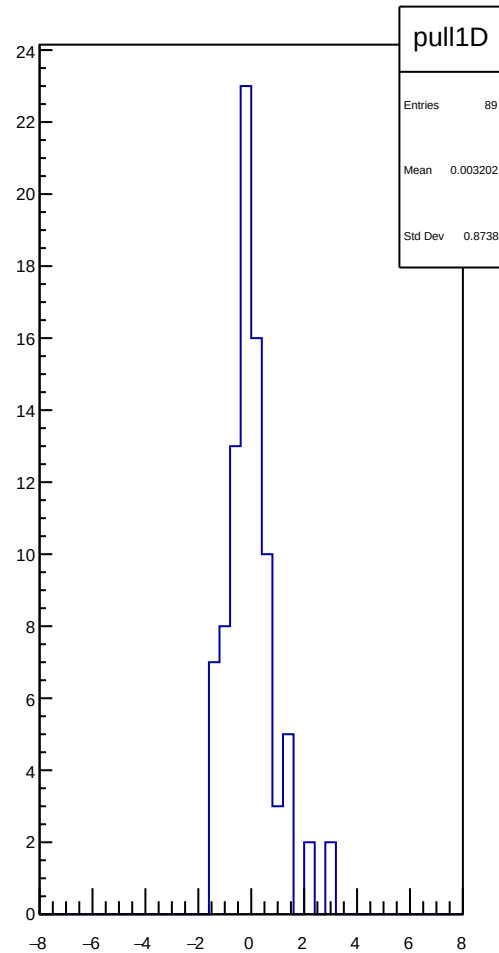
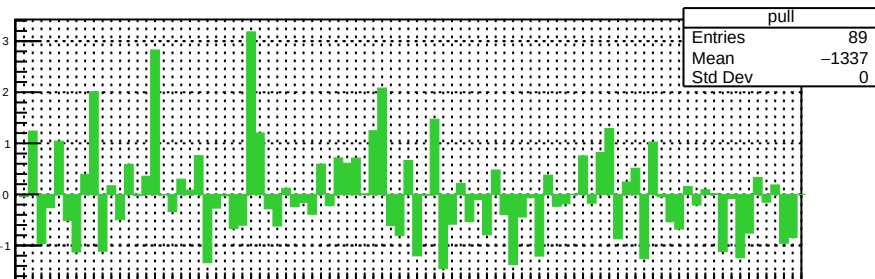
p0

$$66.84 \pm 0.0509$$


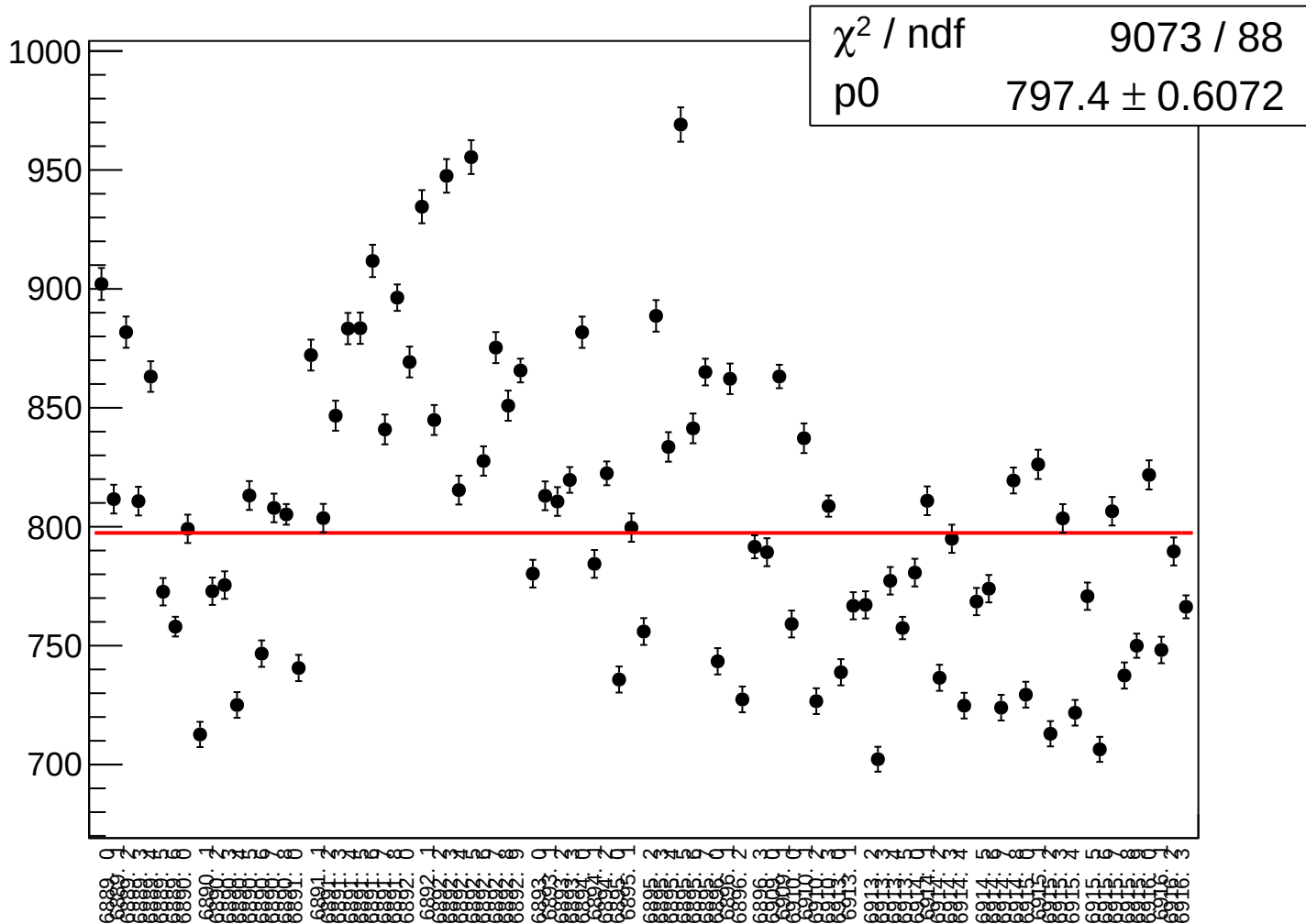
asym_sam_37_avg_cor_correction_mean vs run



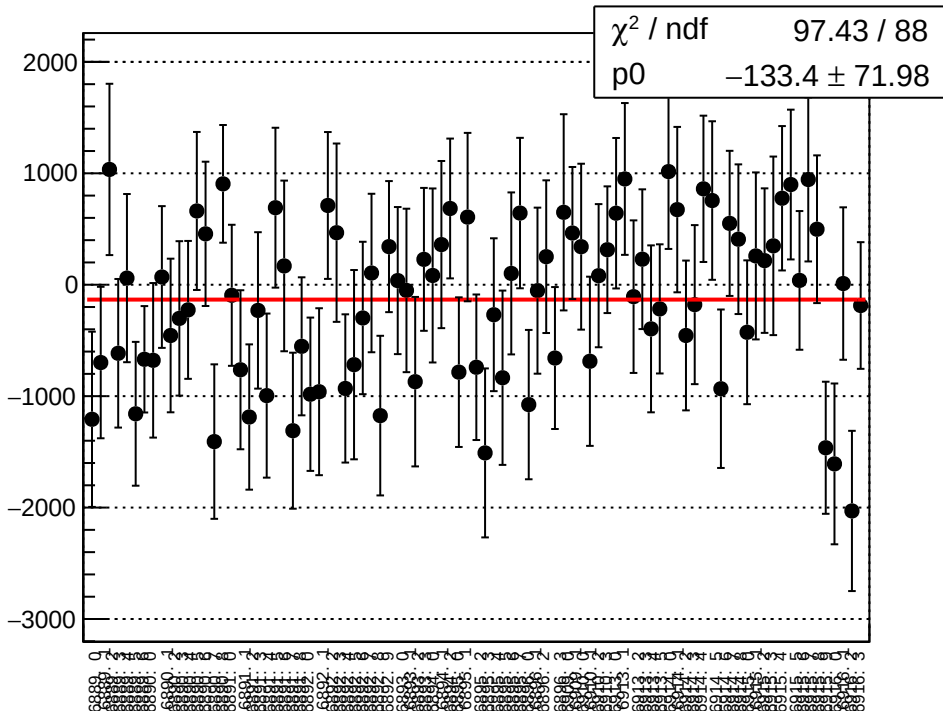
Correlation Coefficient: 0.003202
Mean: 0.003202
Std Dev: 0.8738



asym_sam_37_avg_cor_correction_rms vs run



eigen_cor_asym_sam_37_avg_mean vs run



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 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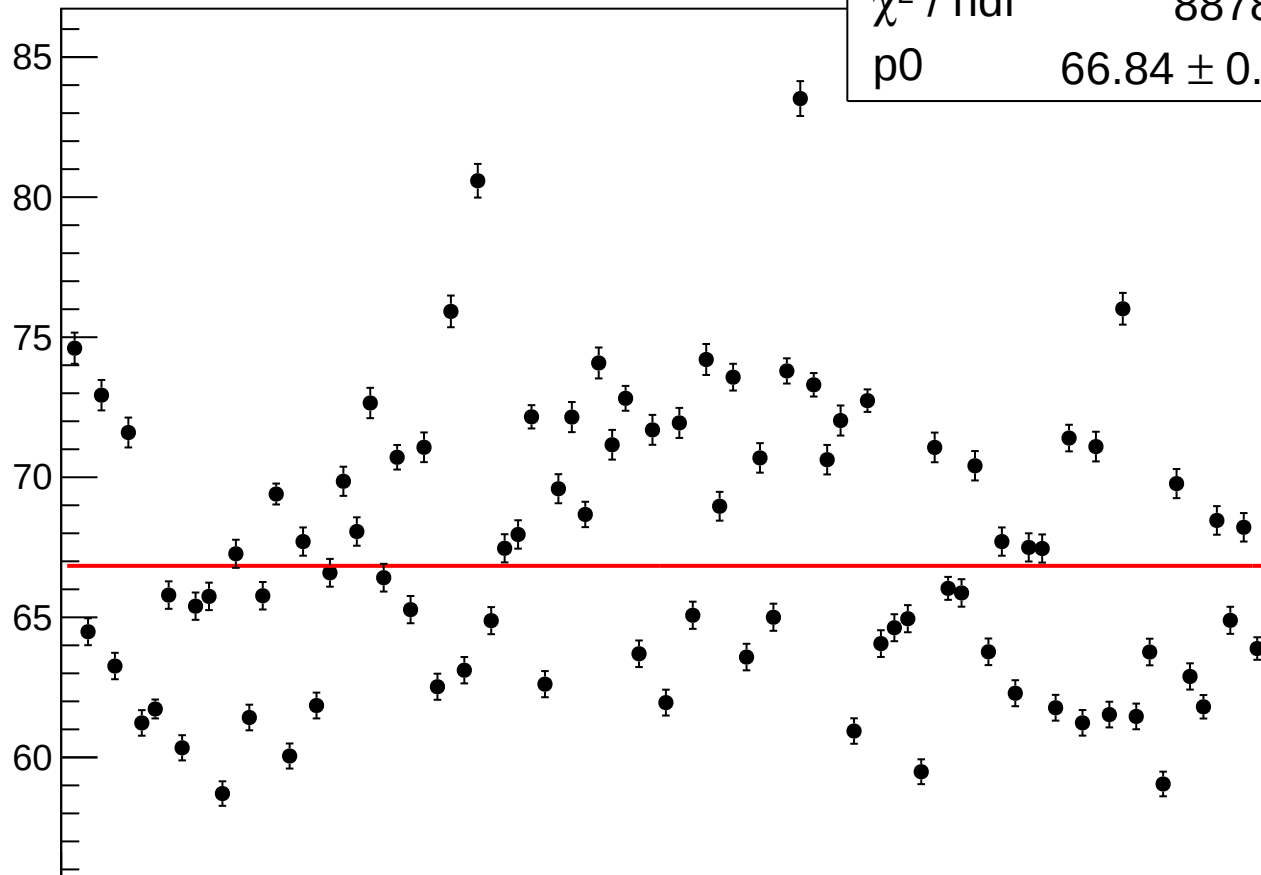
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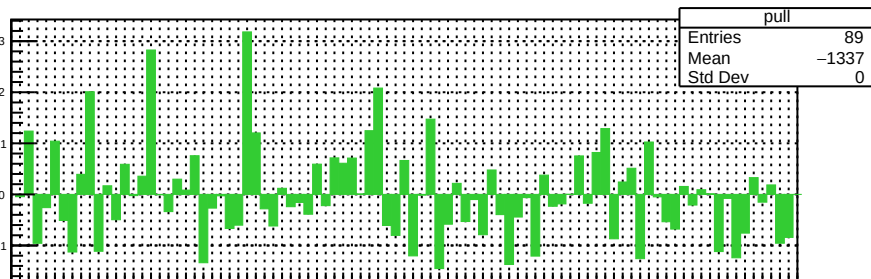
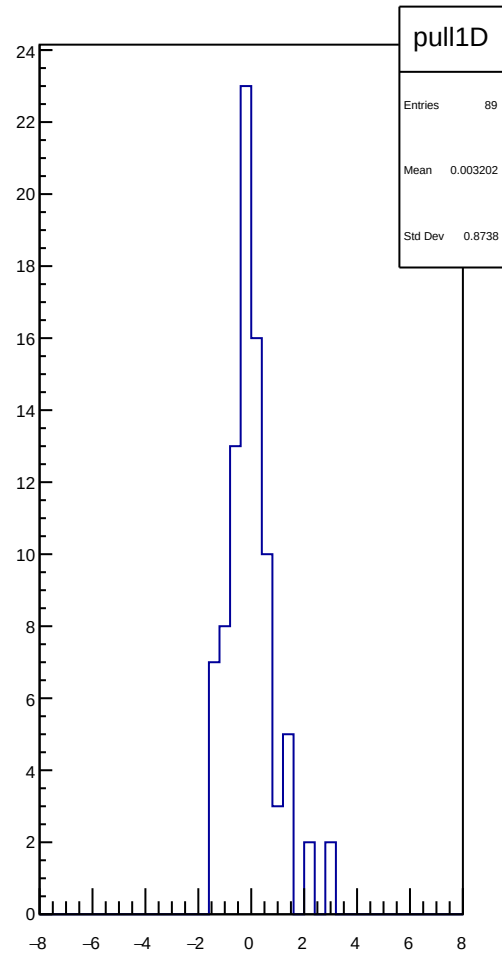
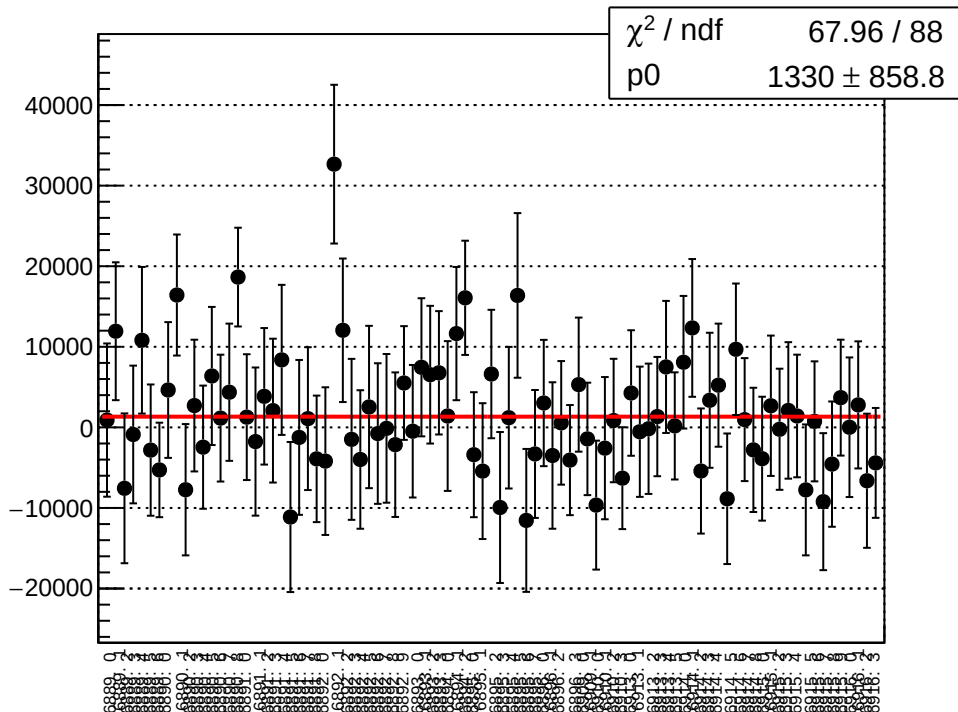
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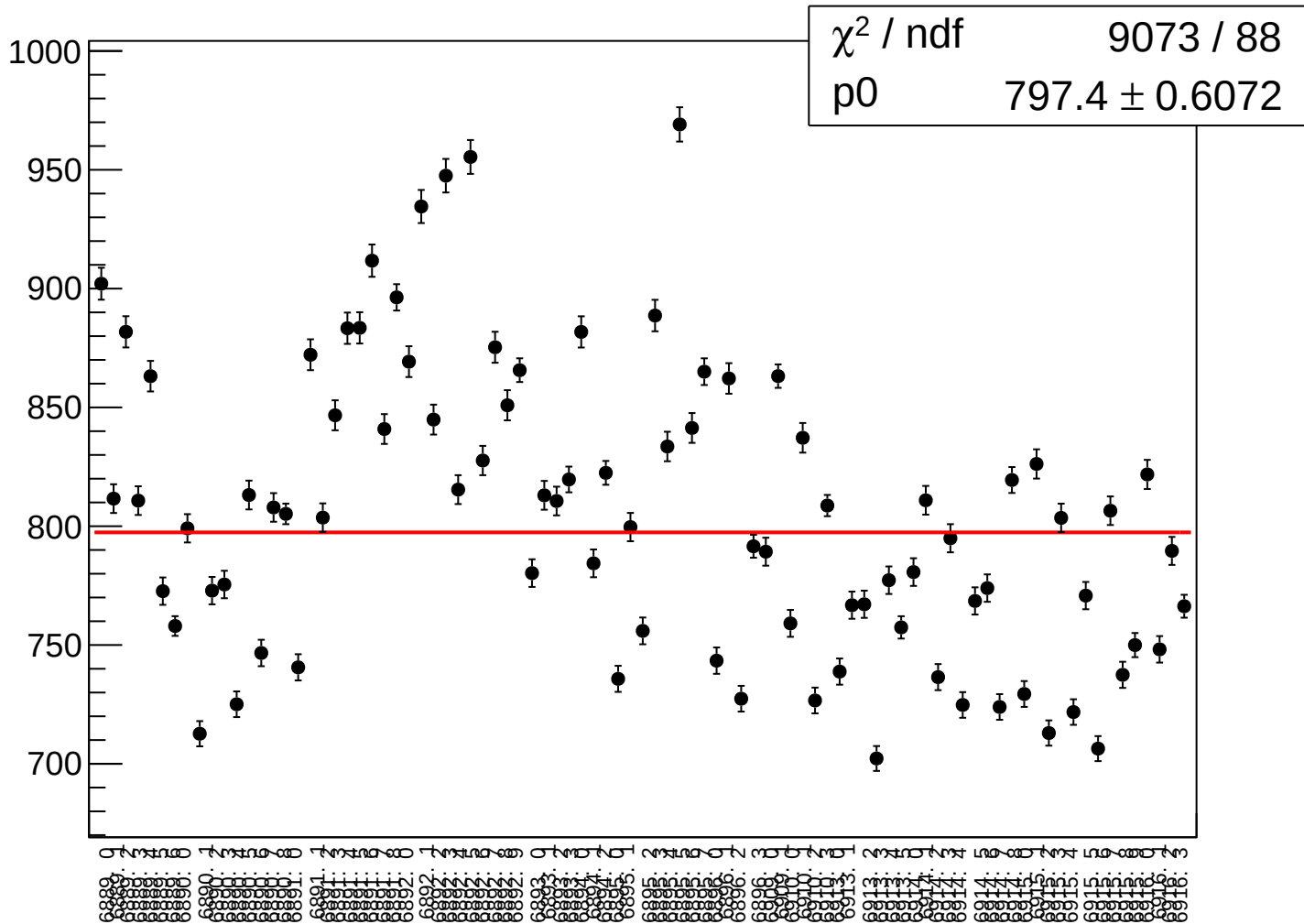


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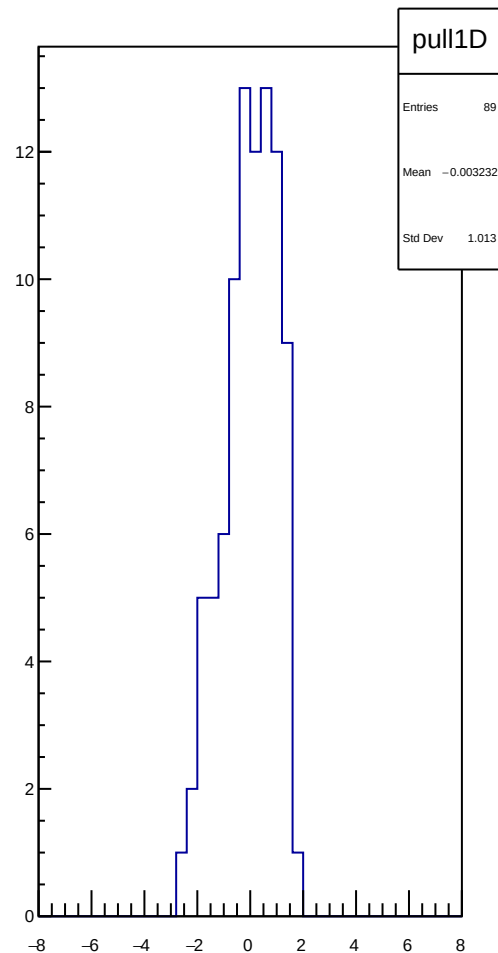
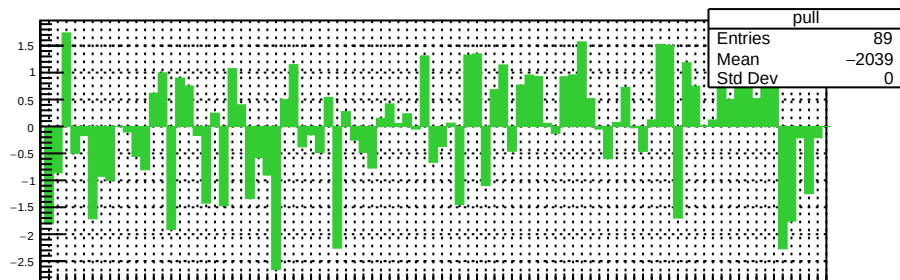
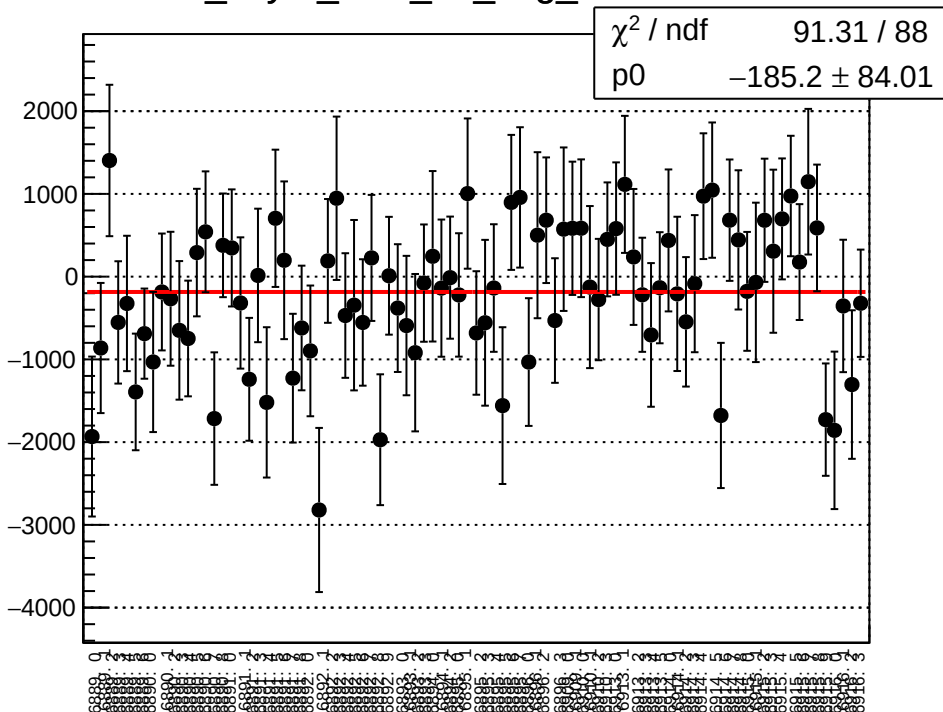
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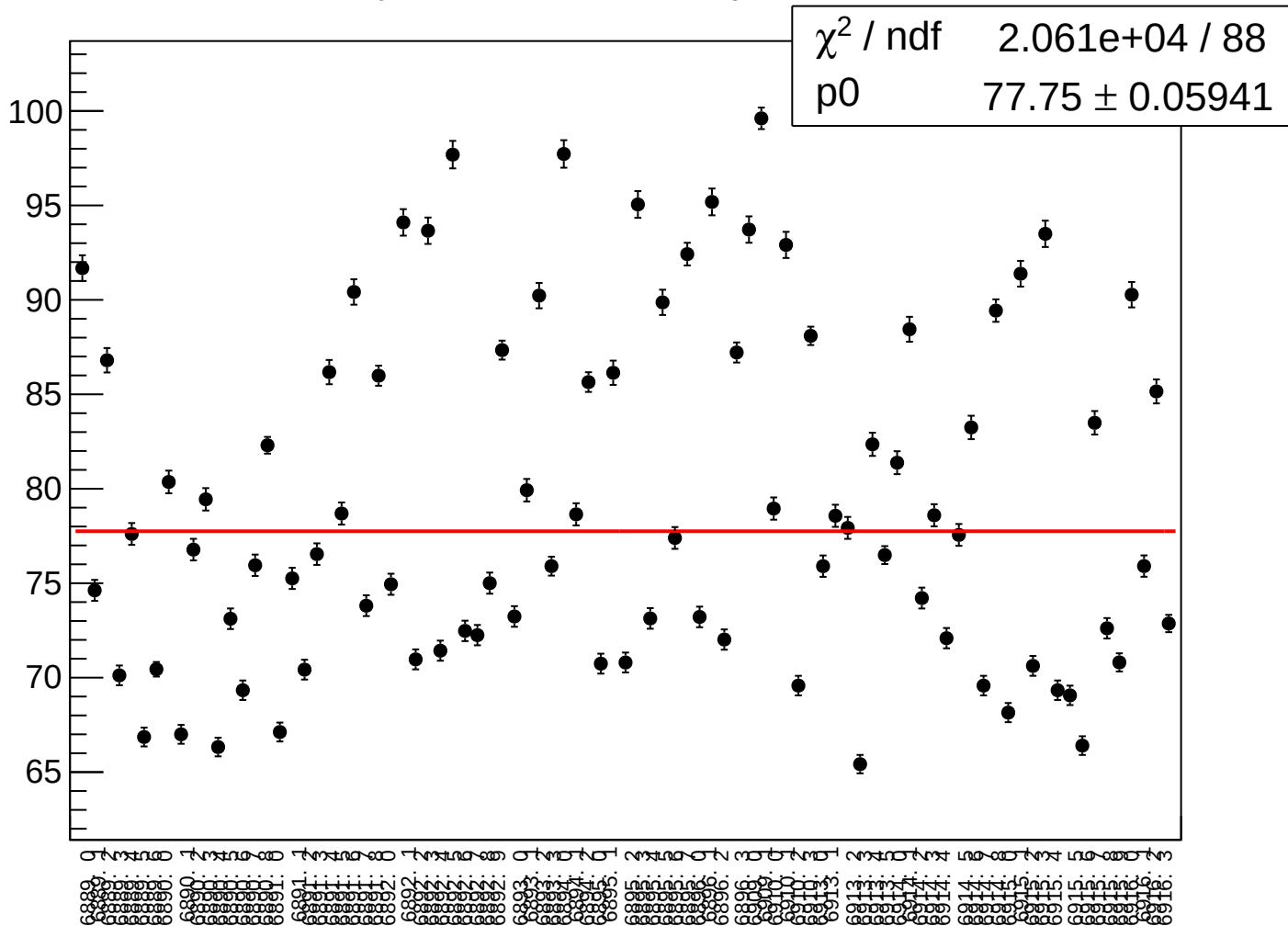
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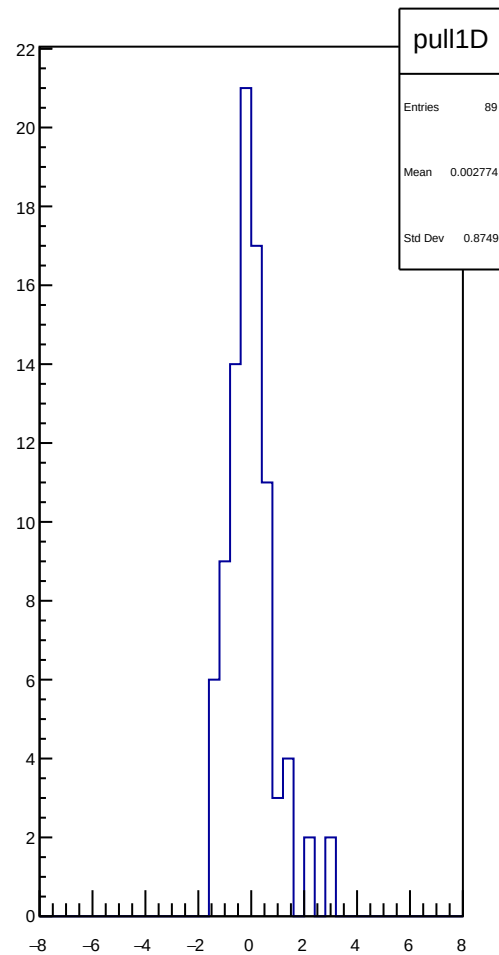
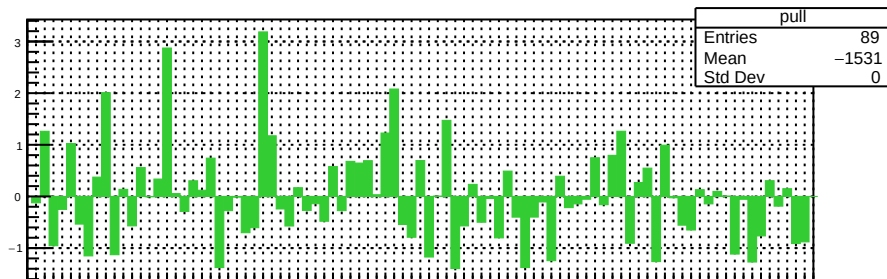
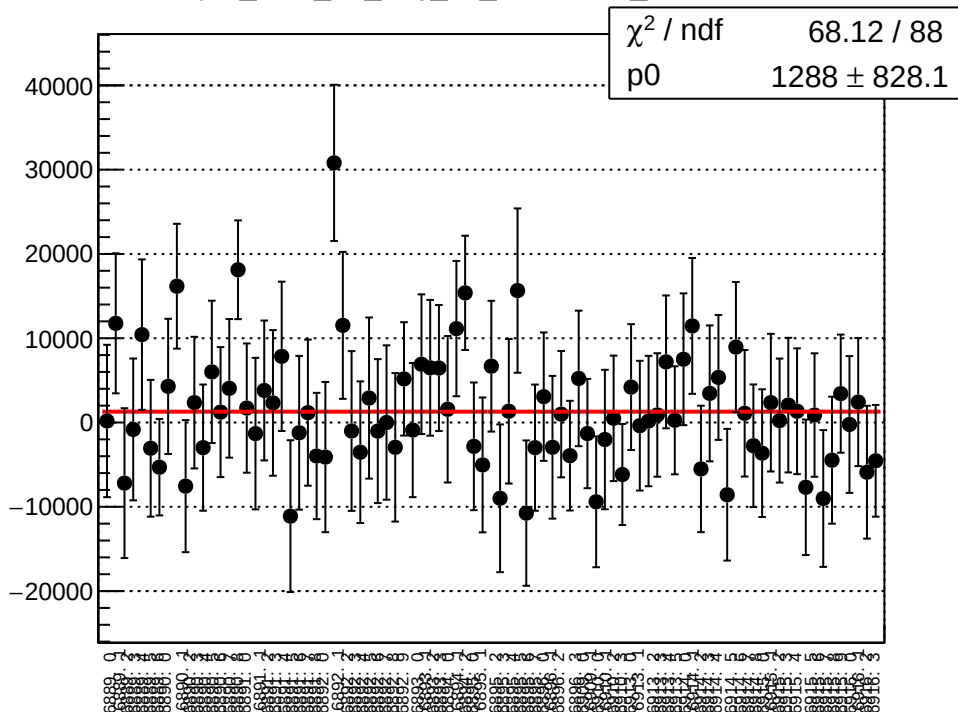
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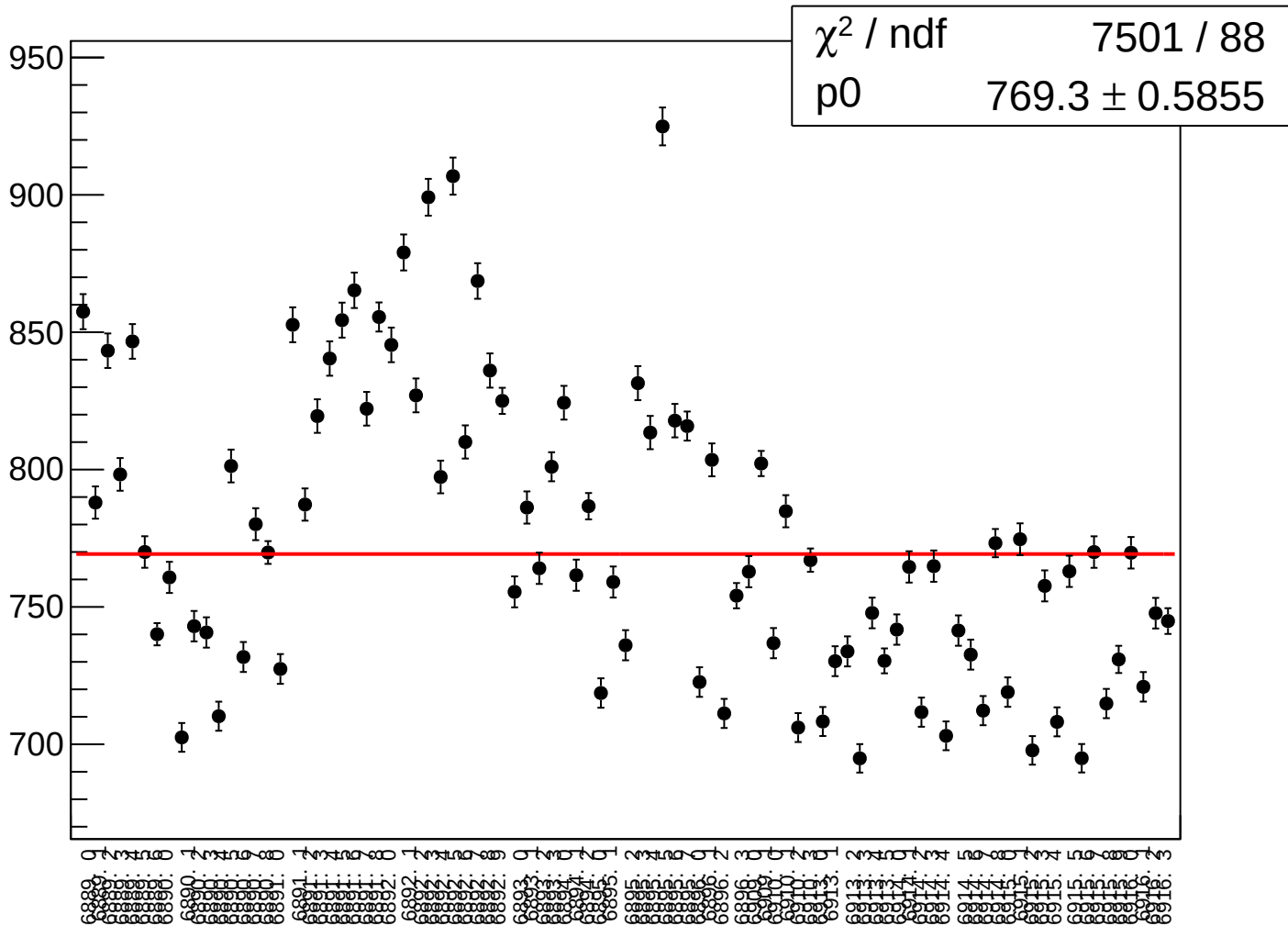
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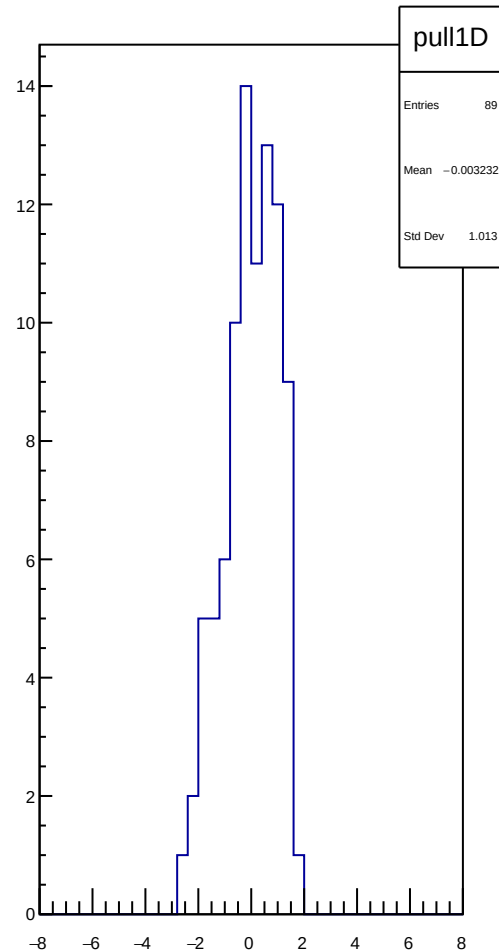
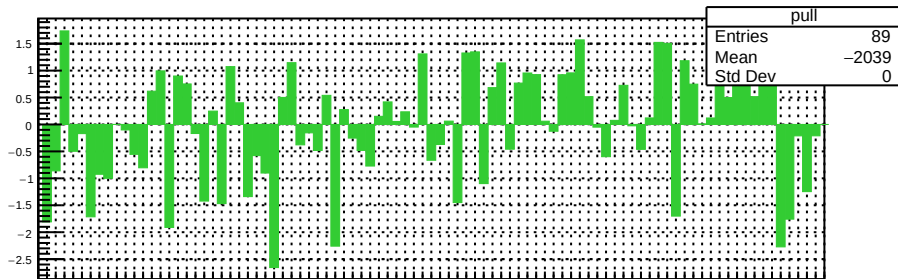
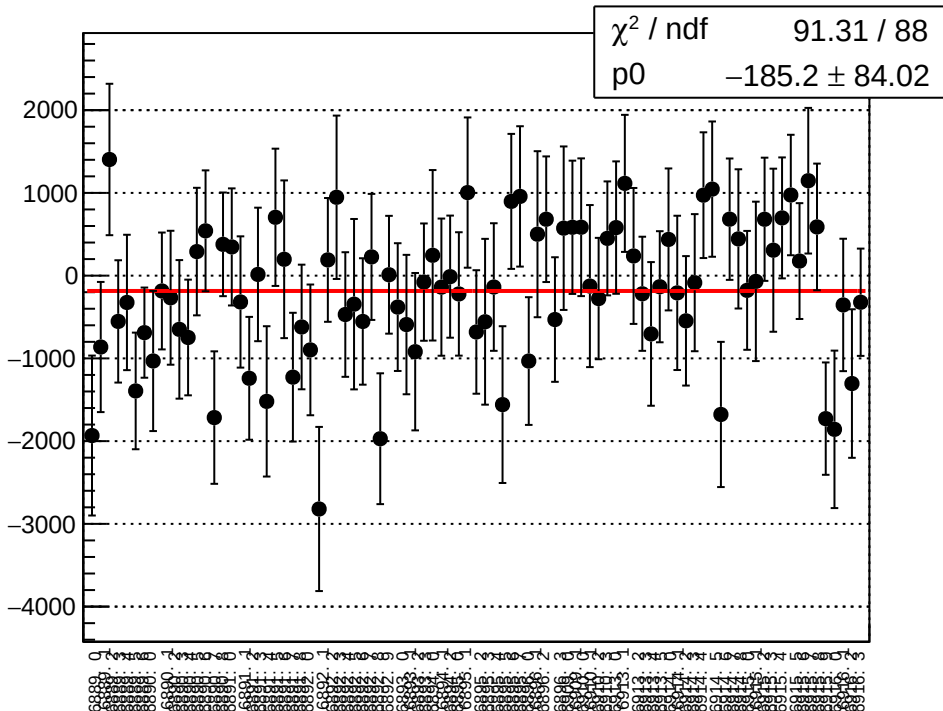
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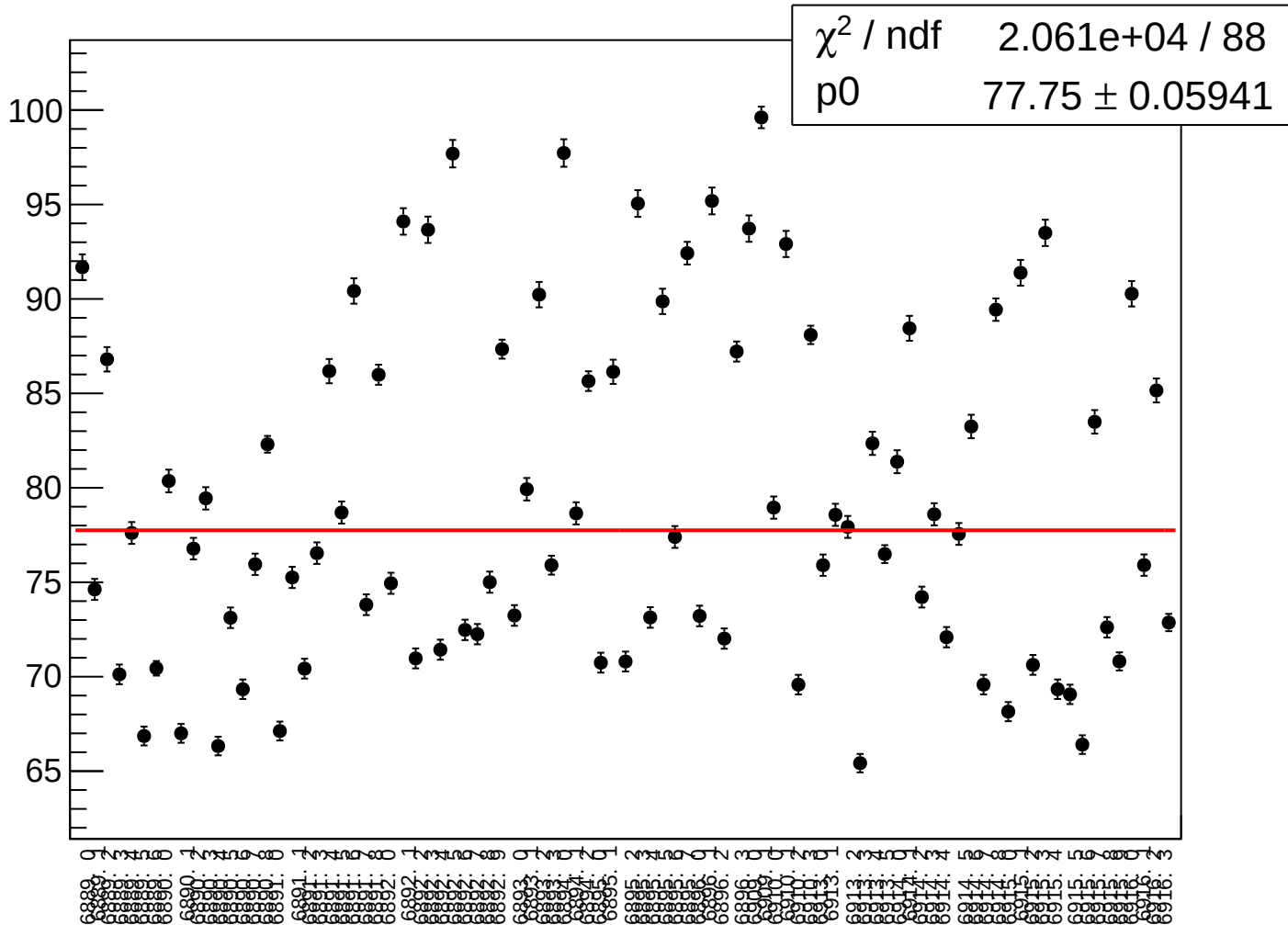
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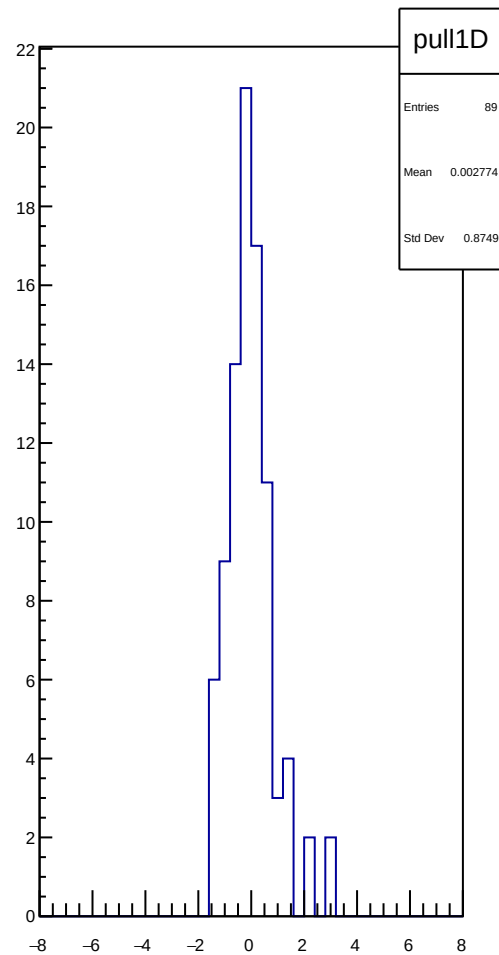
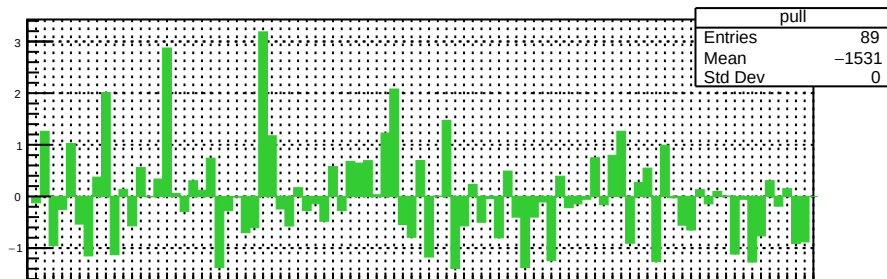
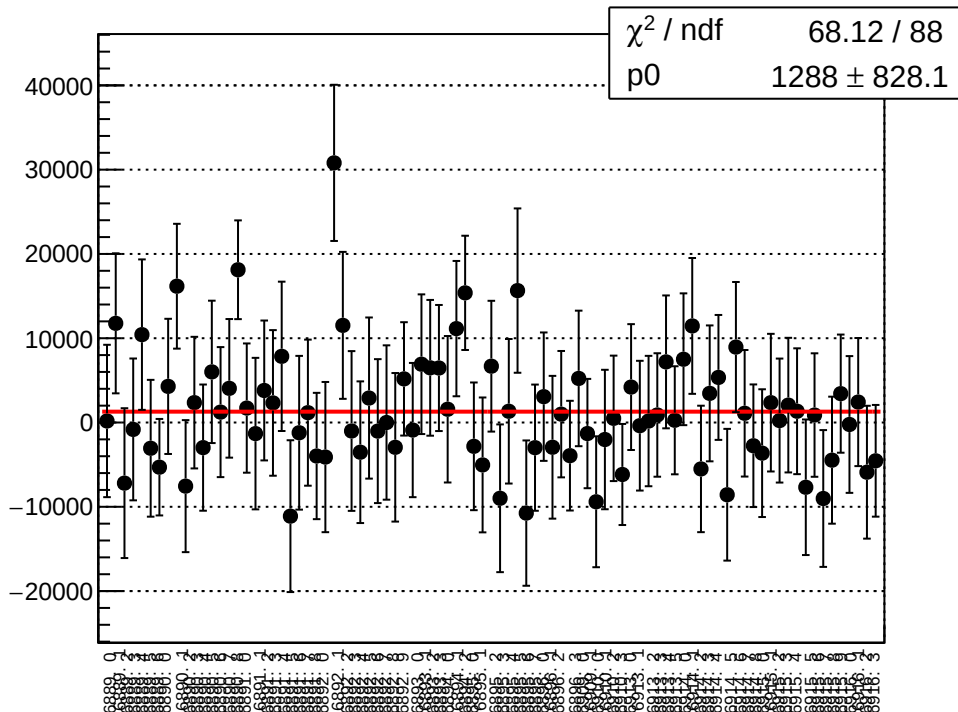
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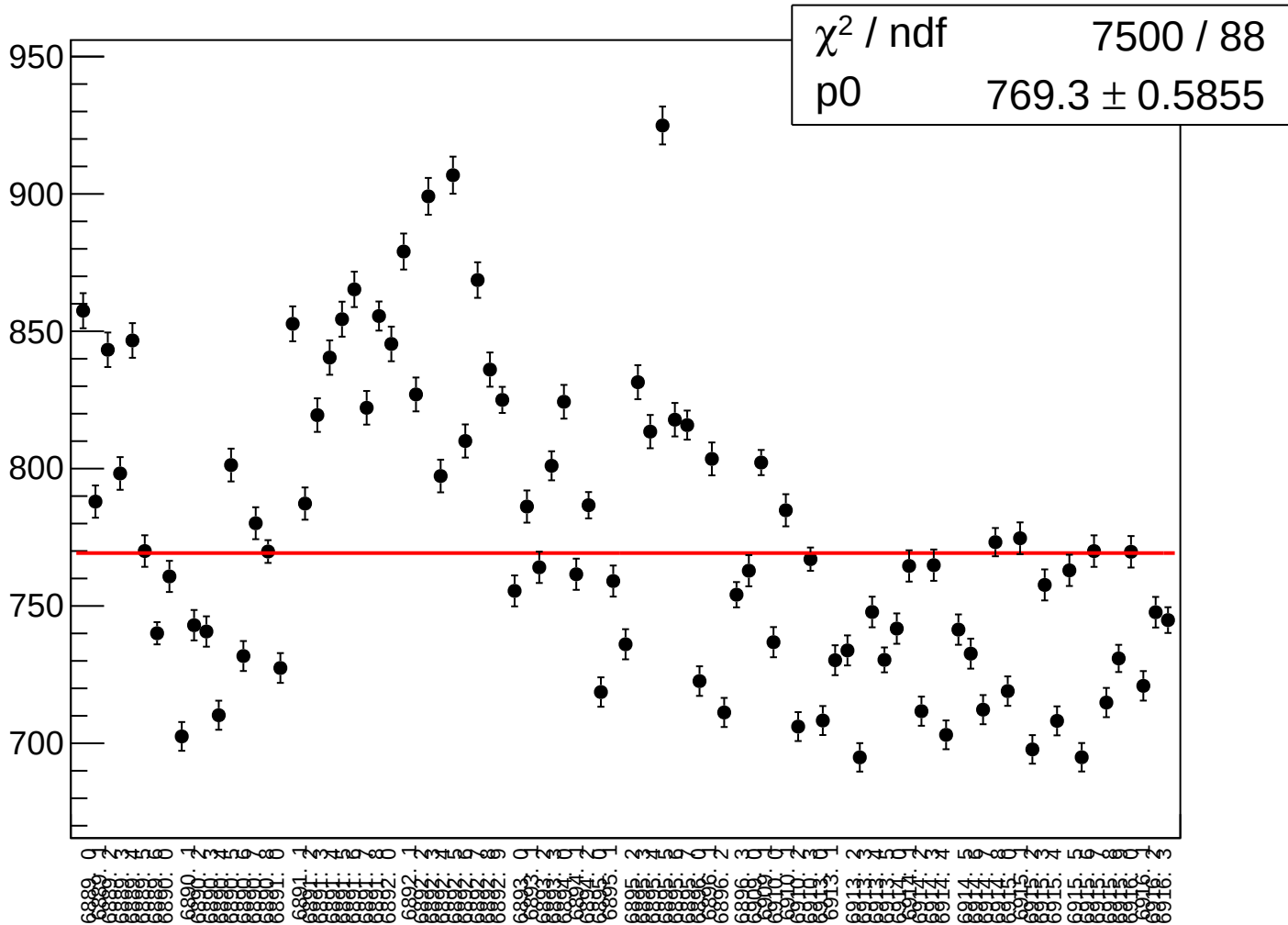
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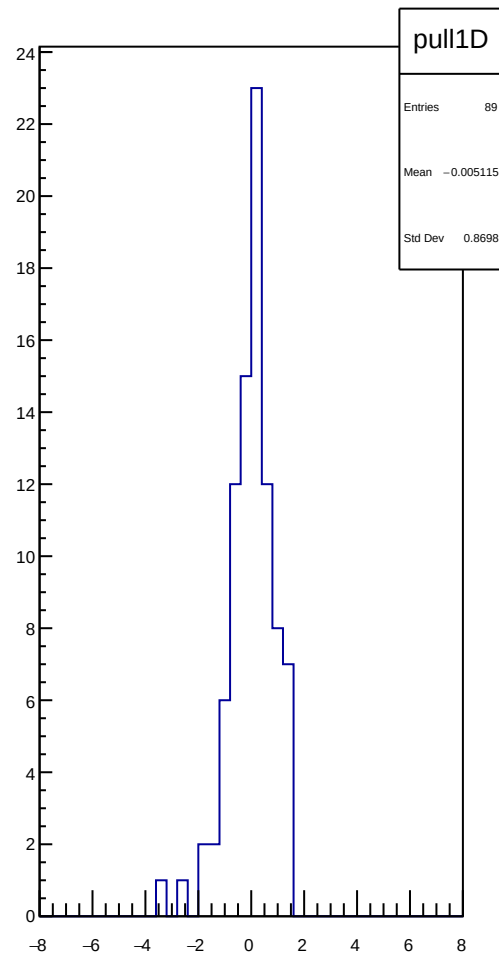
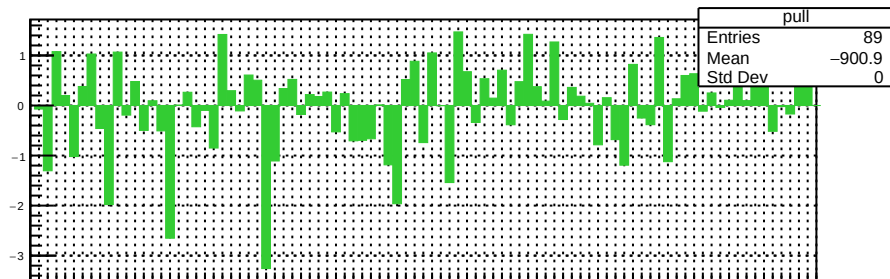
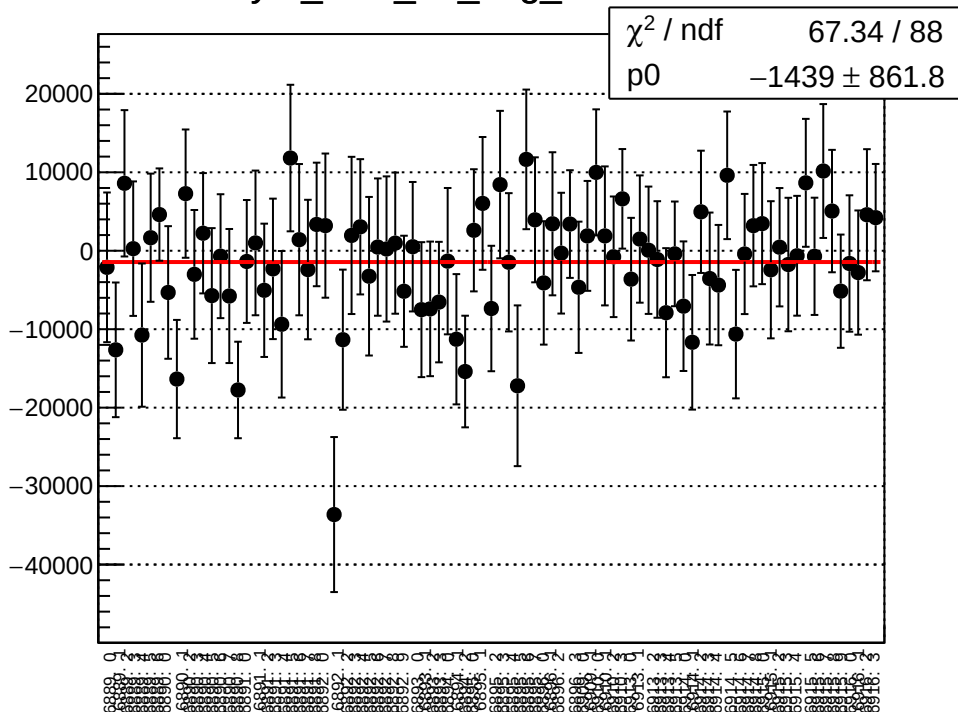
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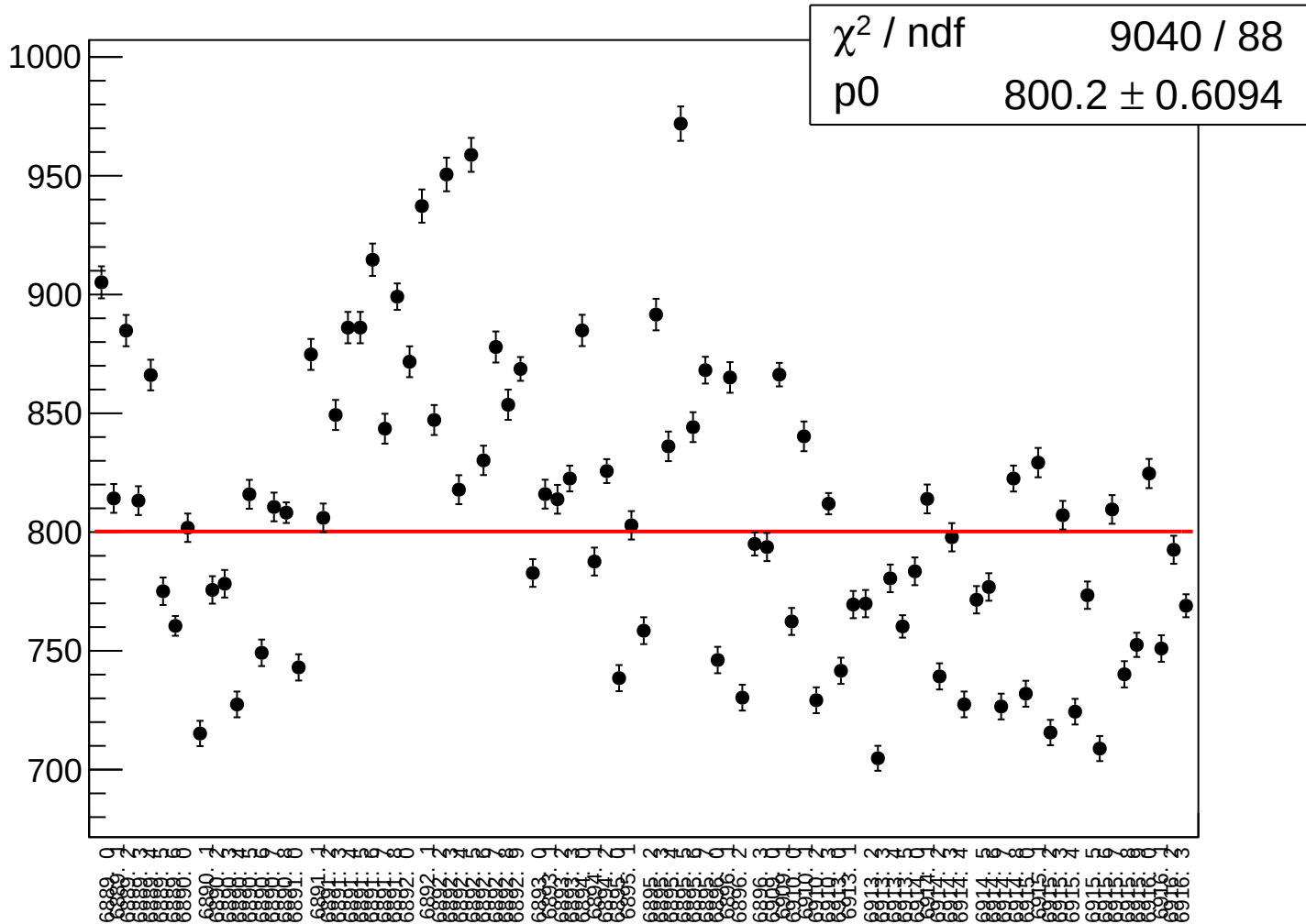
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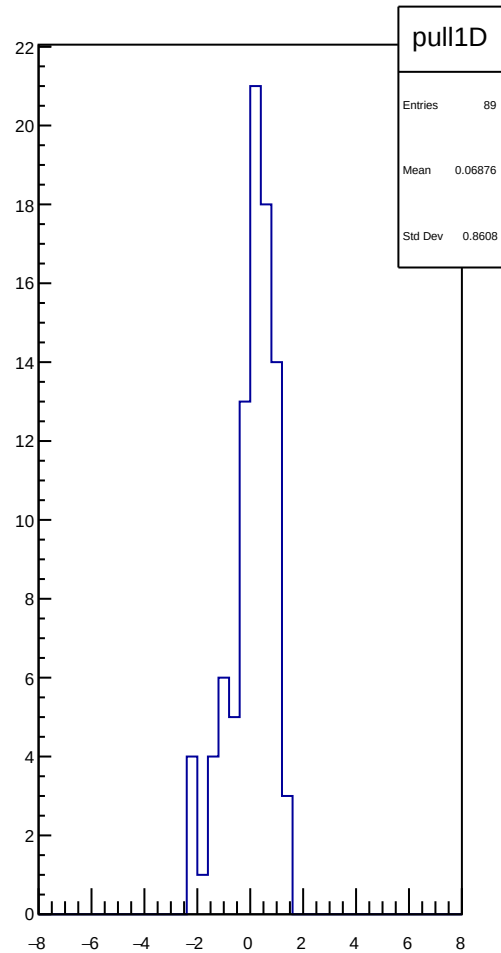
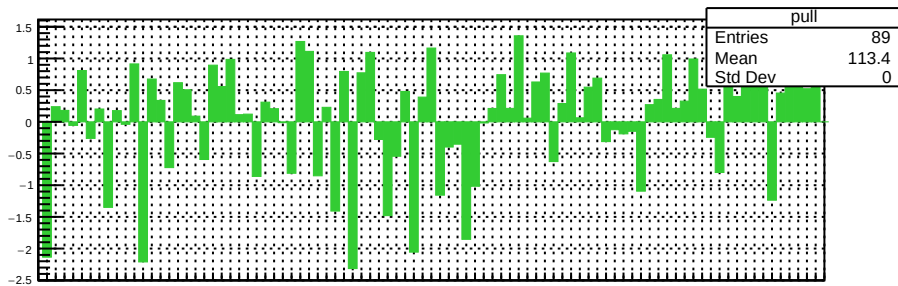
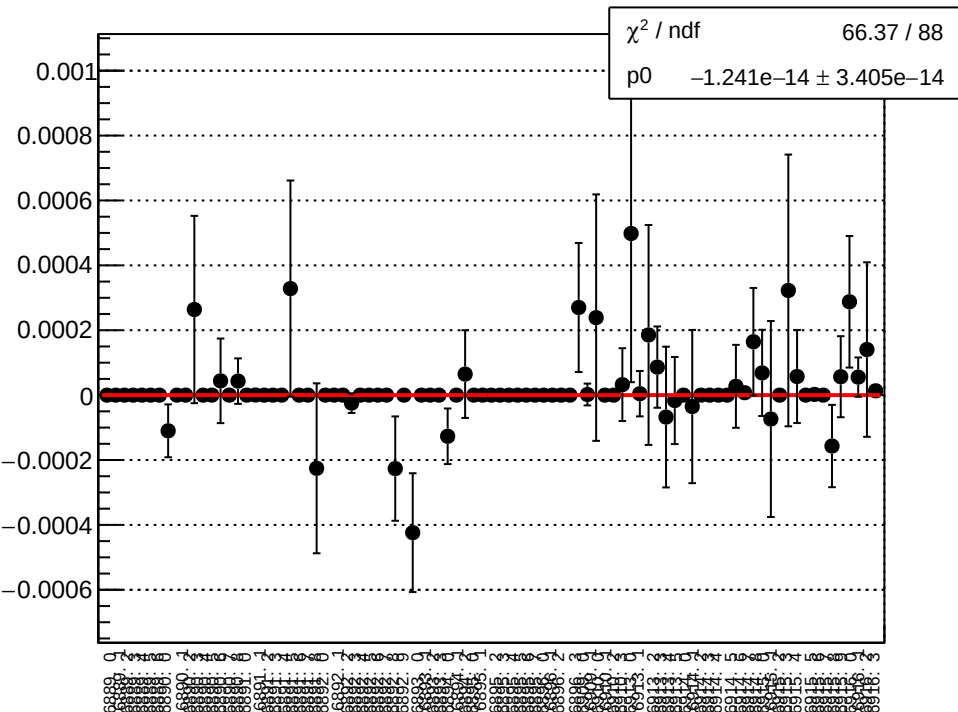
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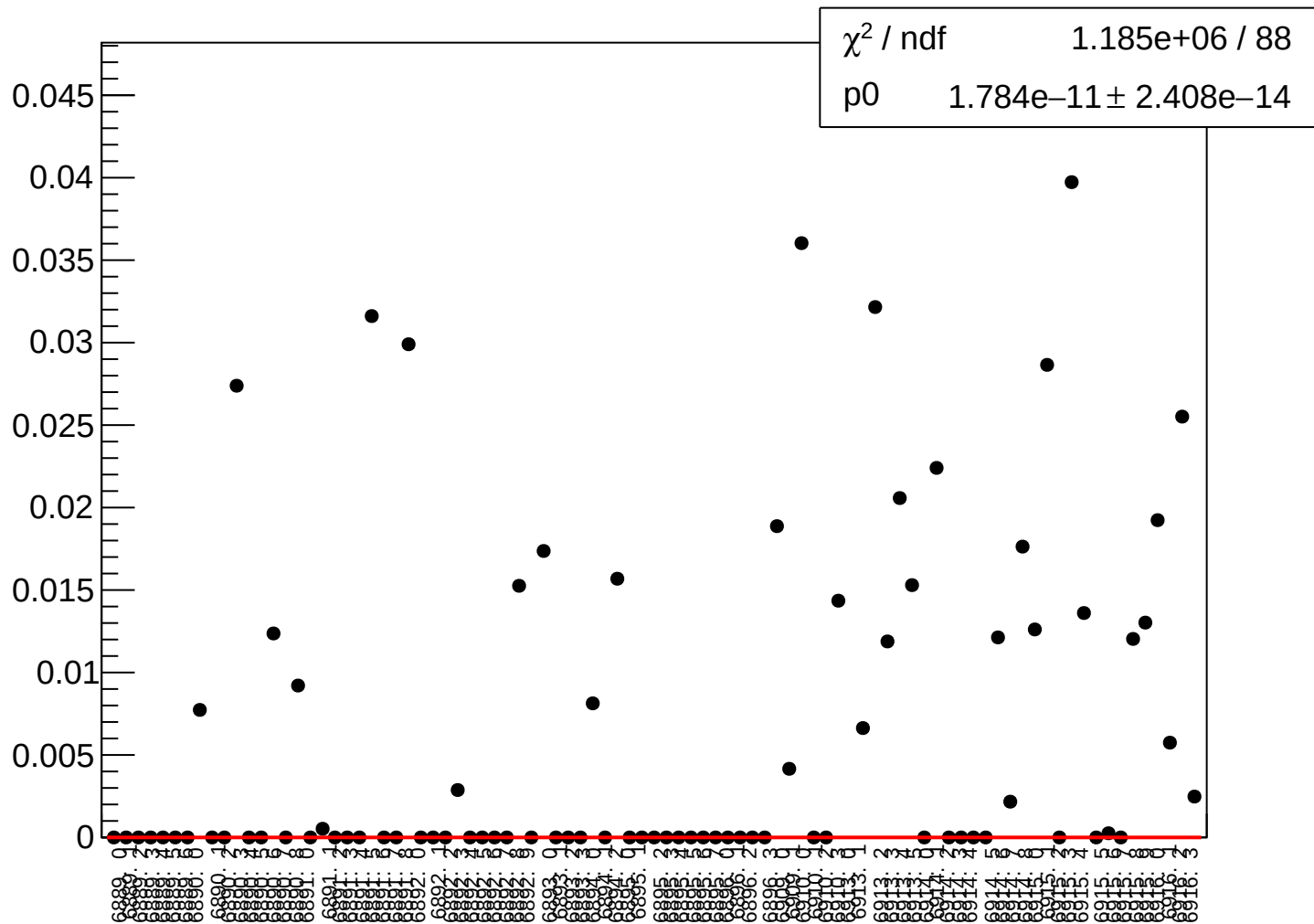
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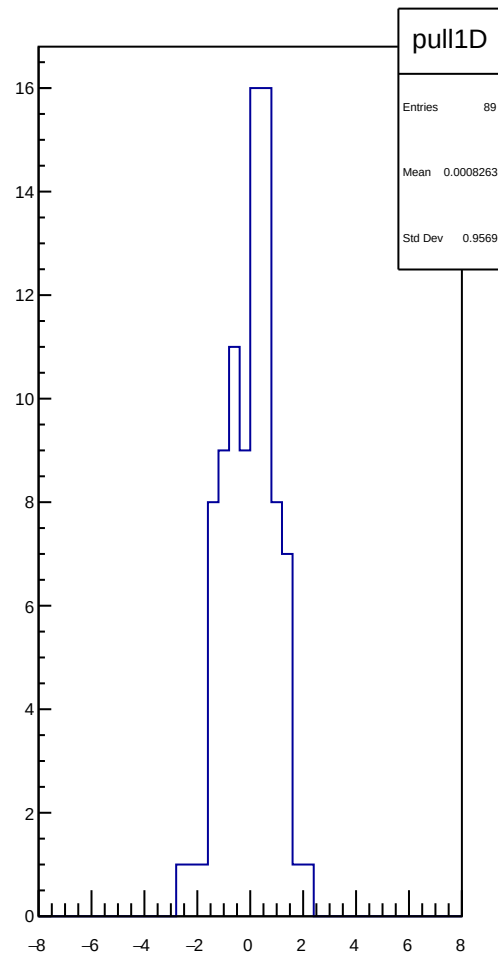
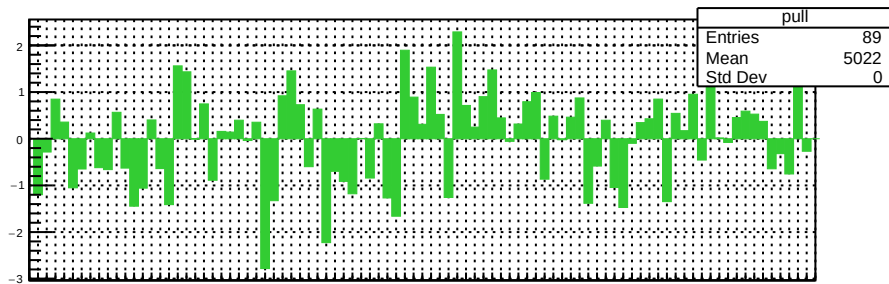
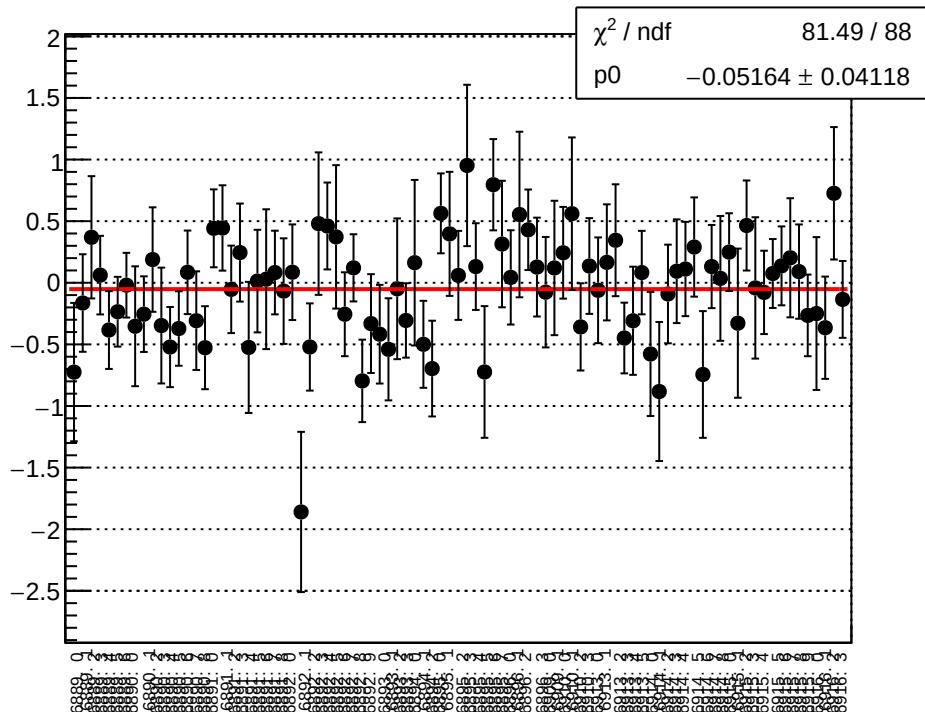
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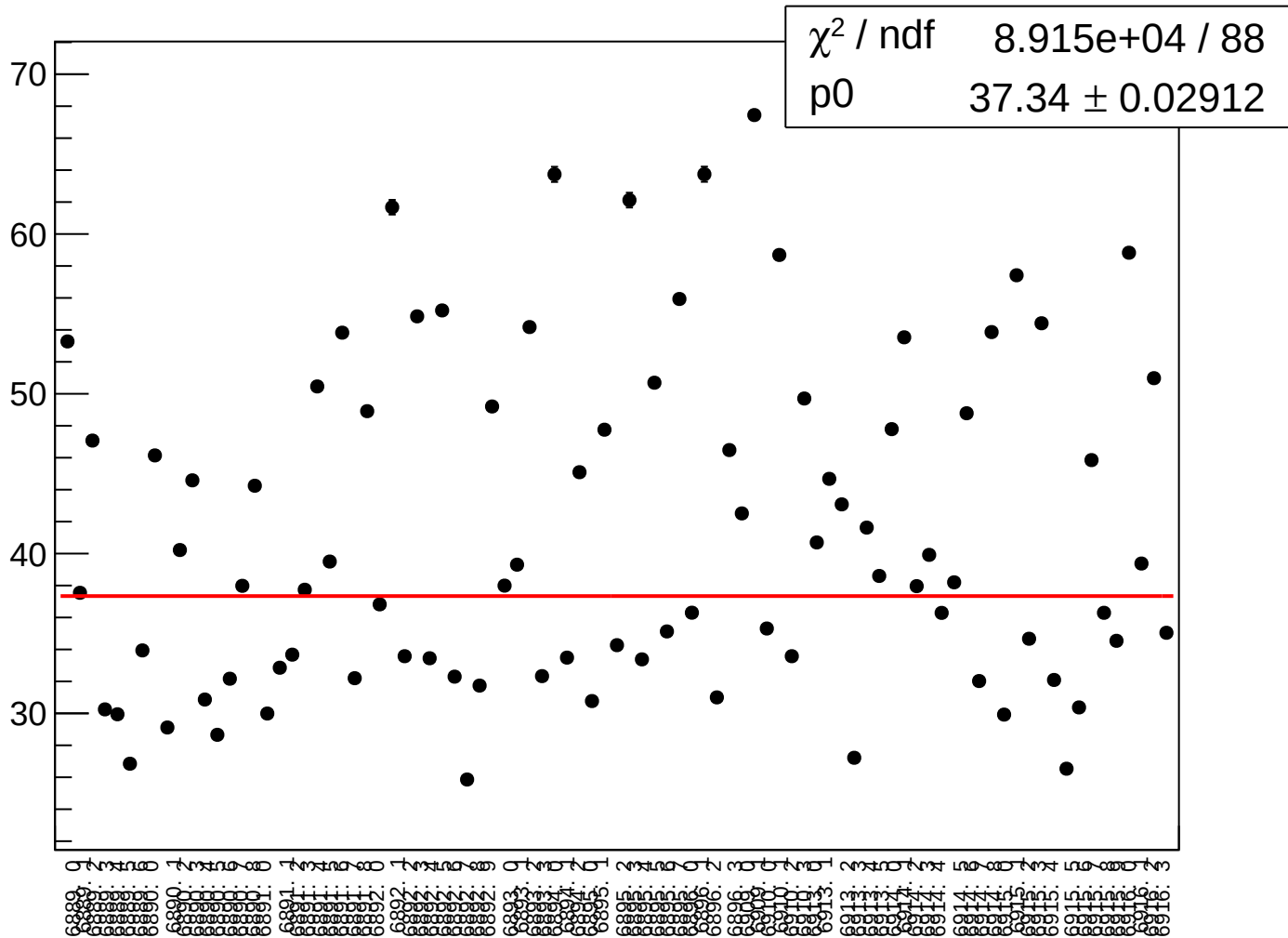
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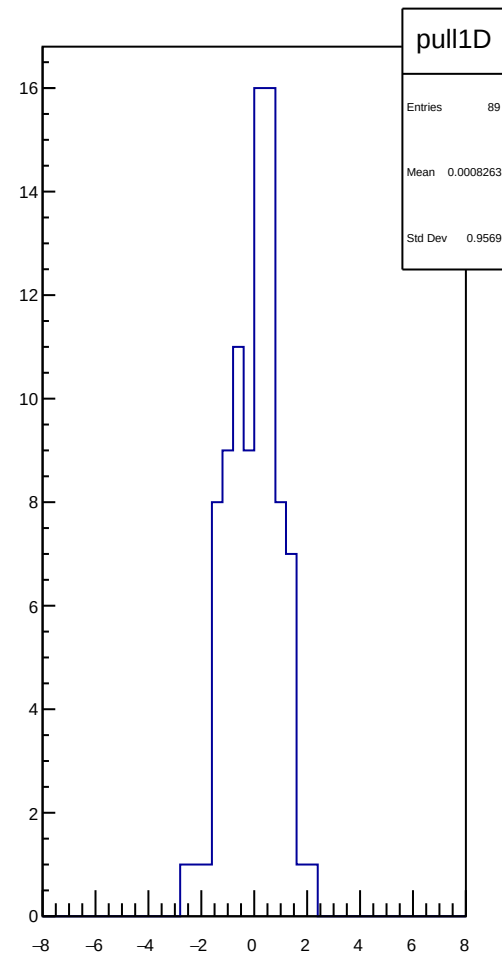
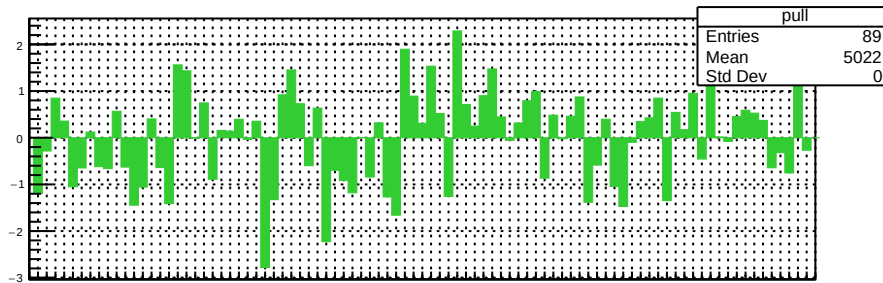
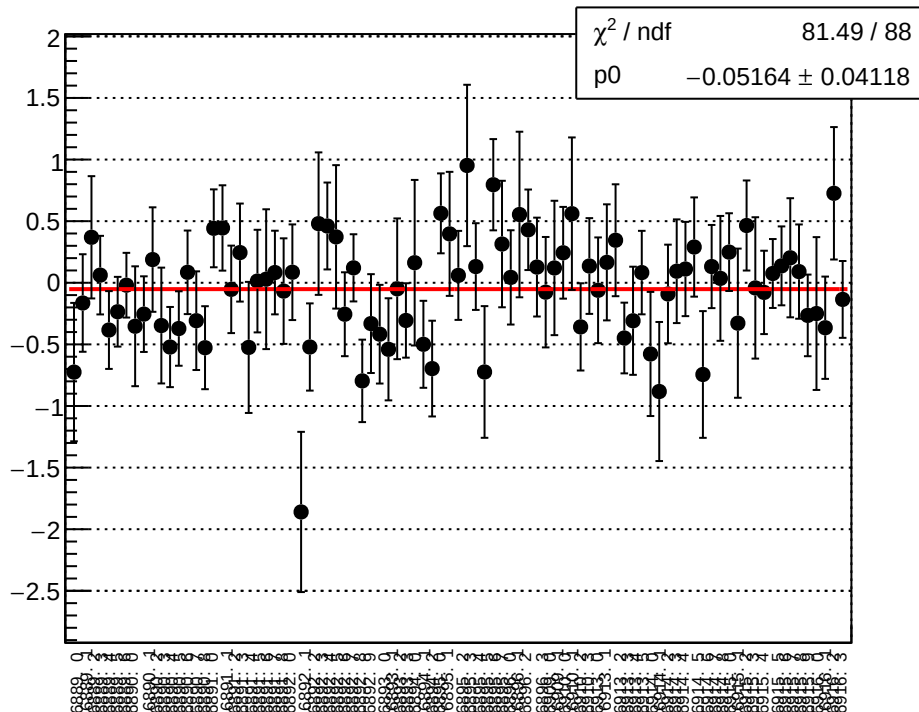
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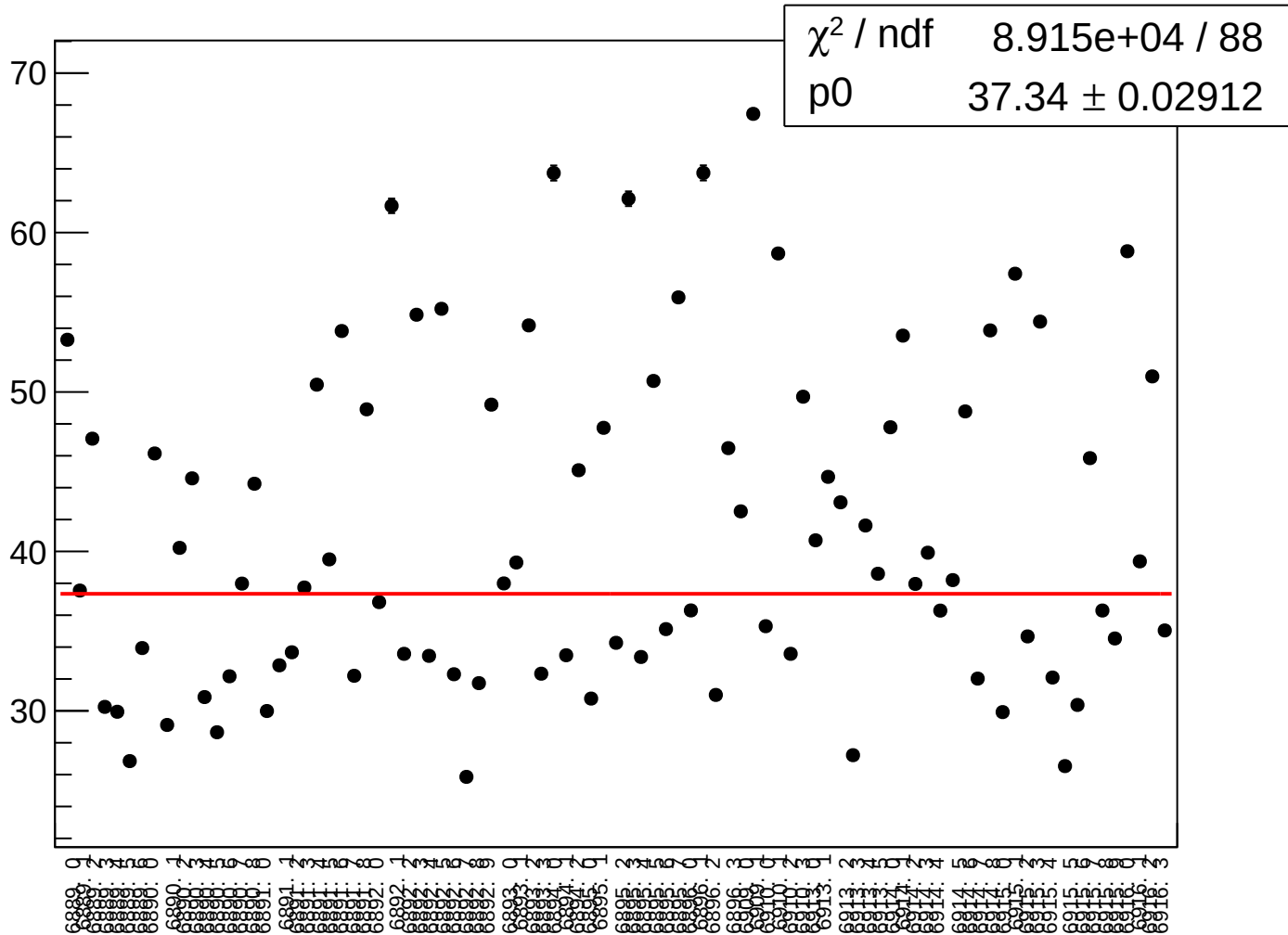
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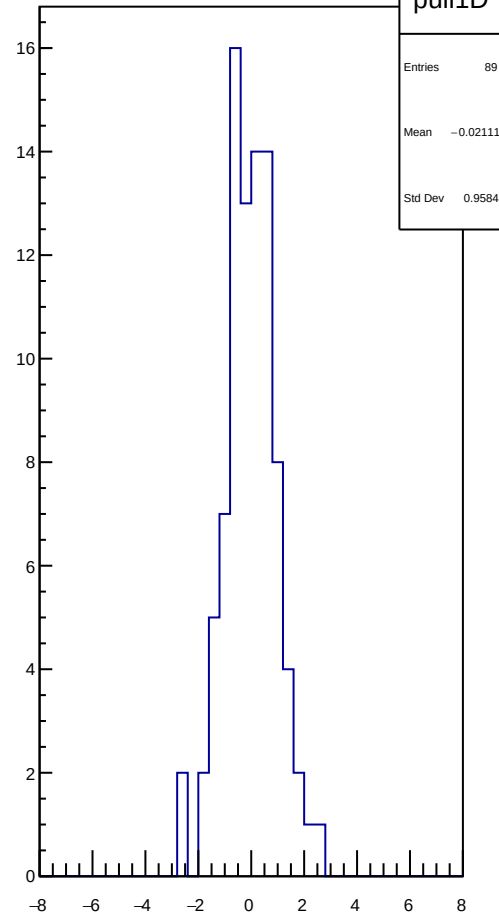
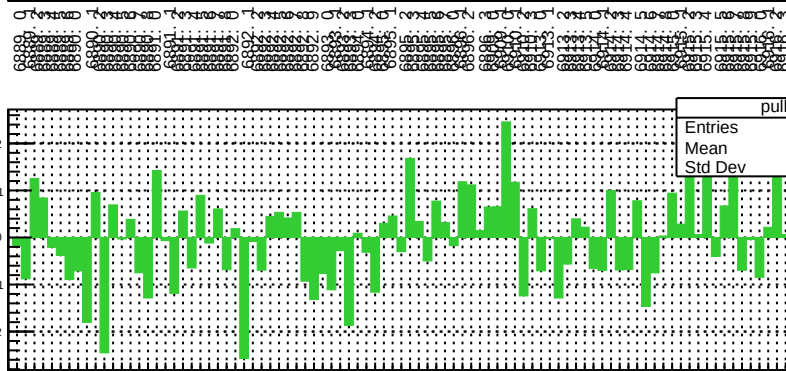
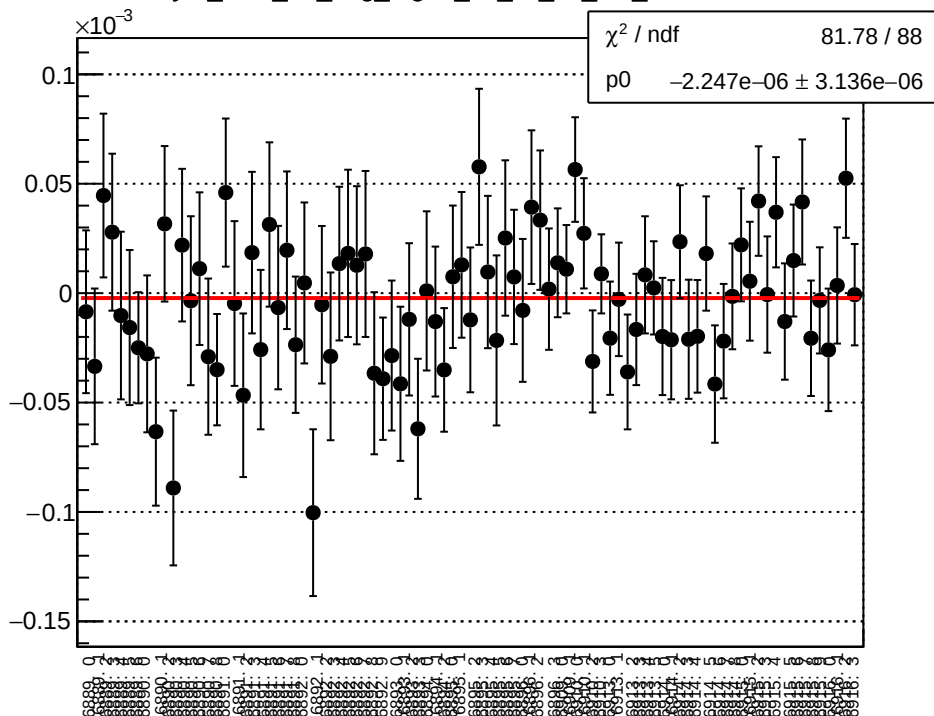
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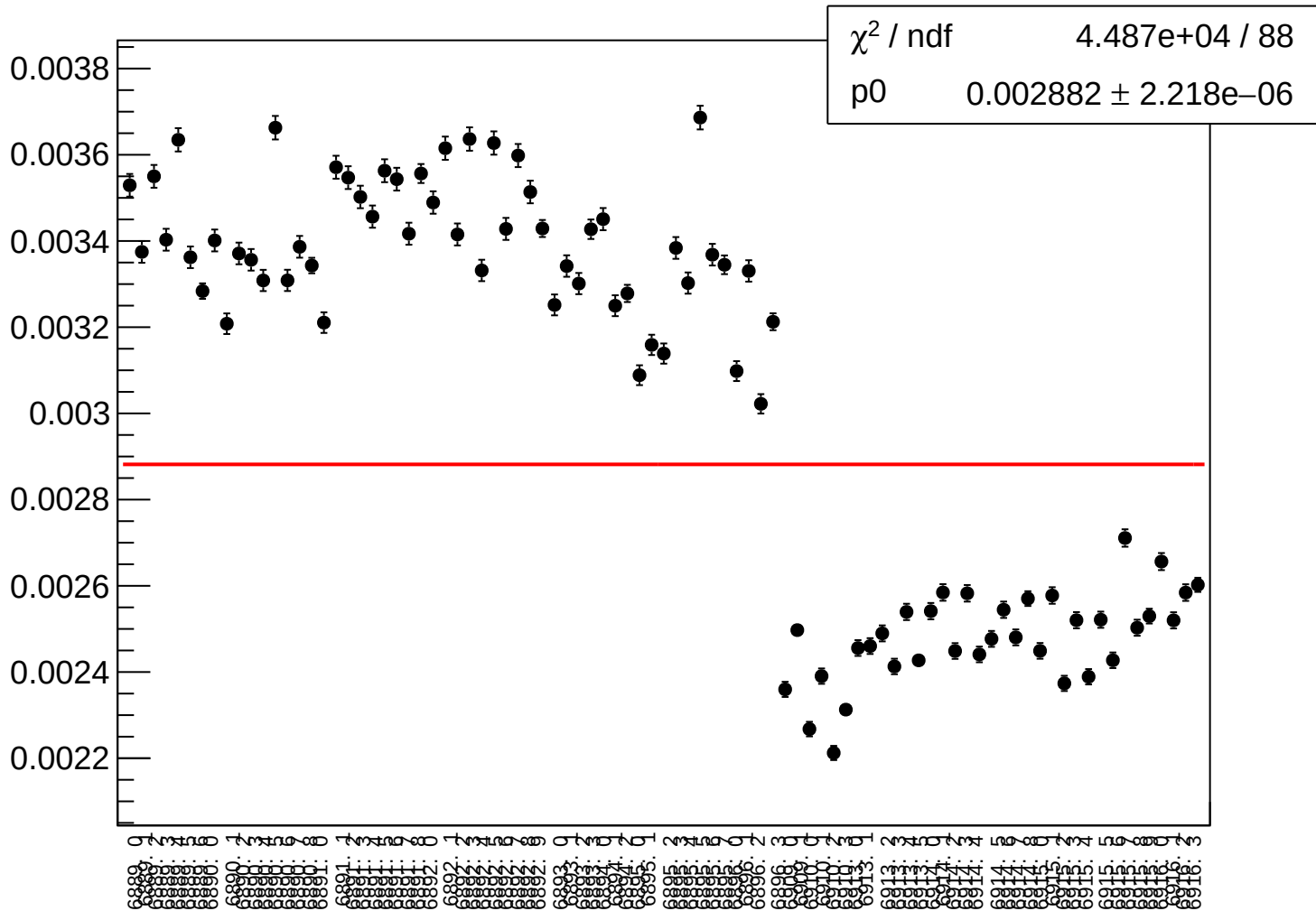
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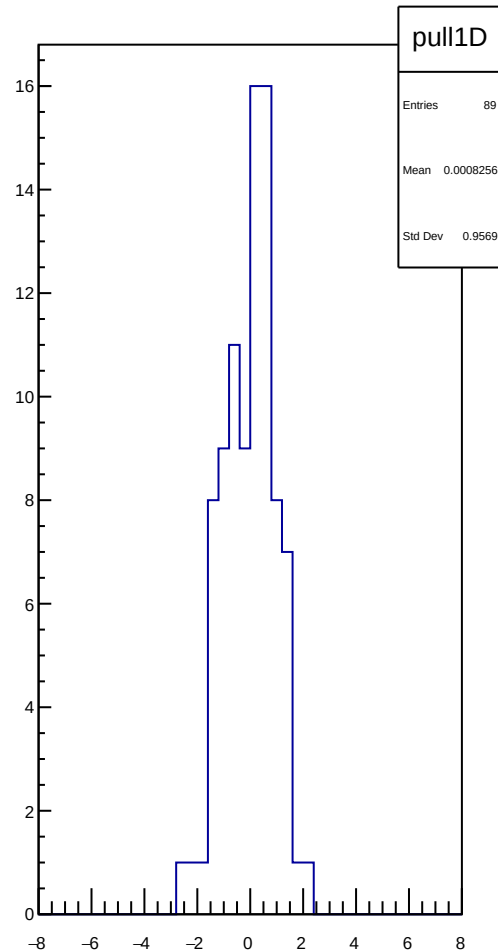
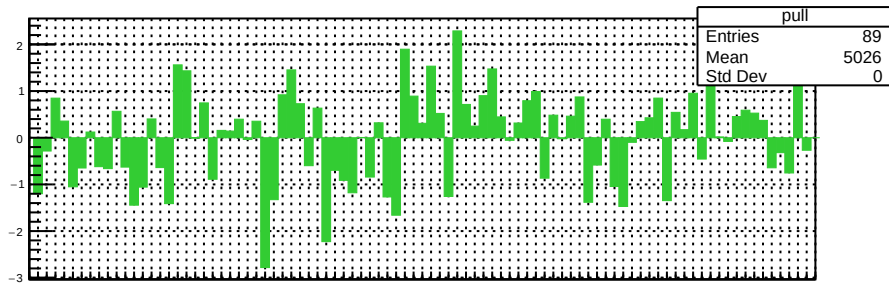
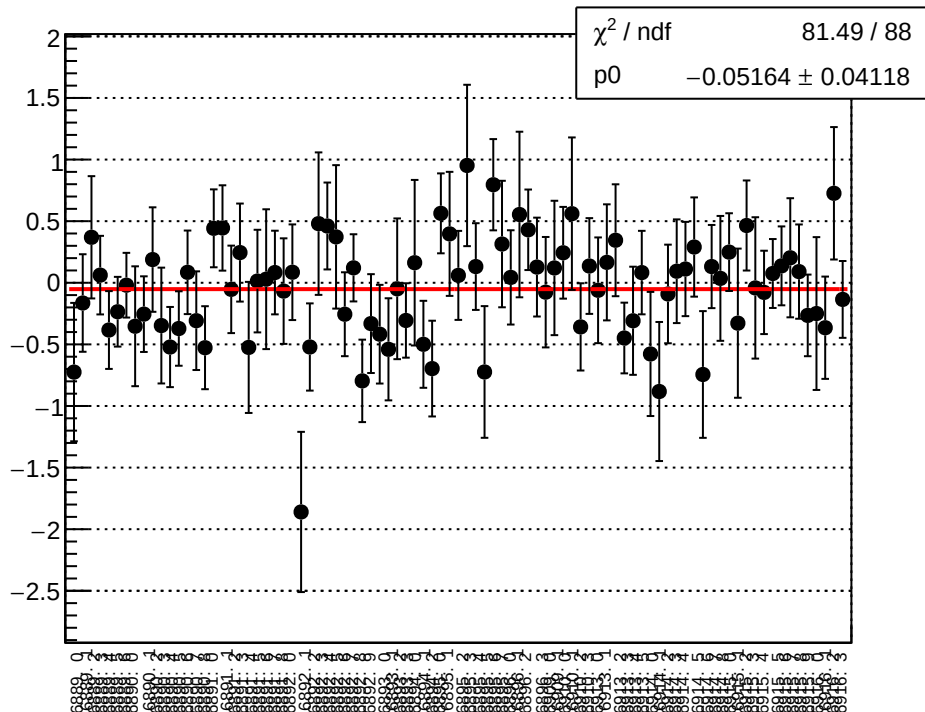
asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs run



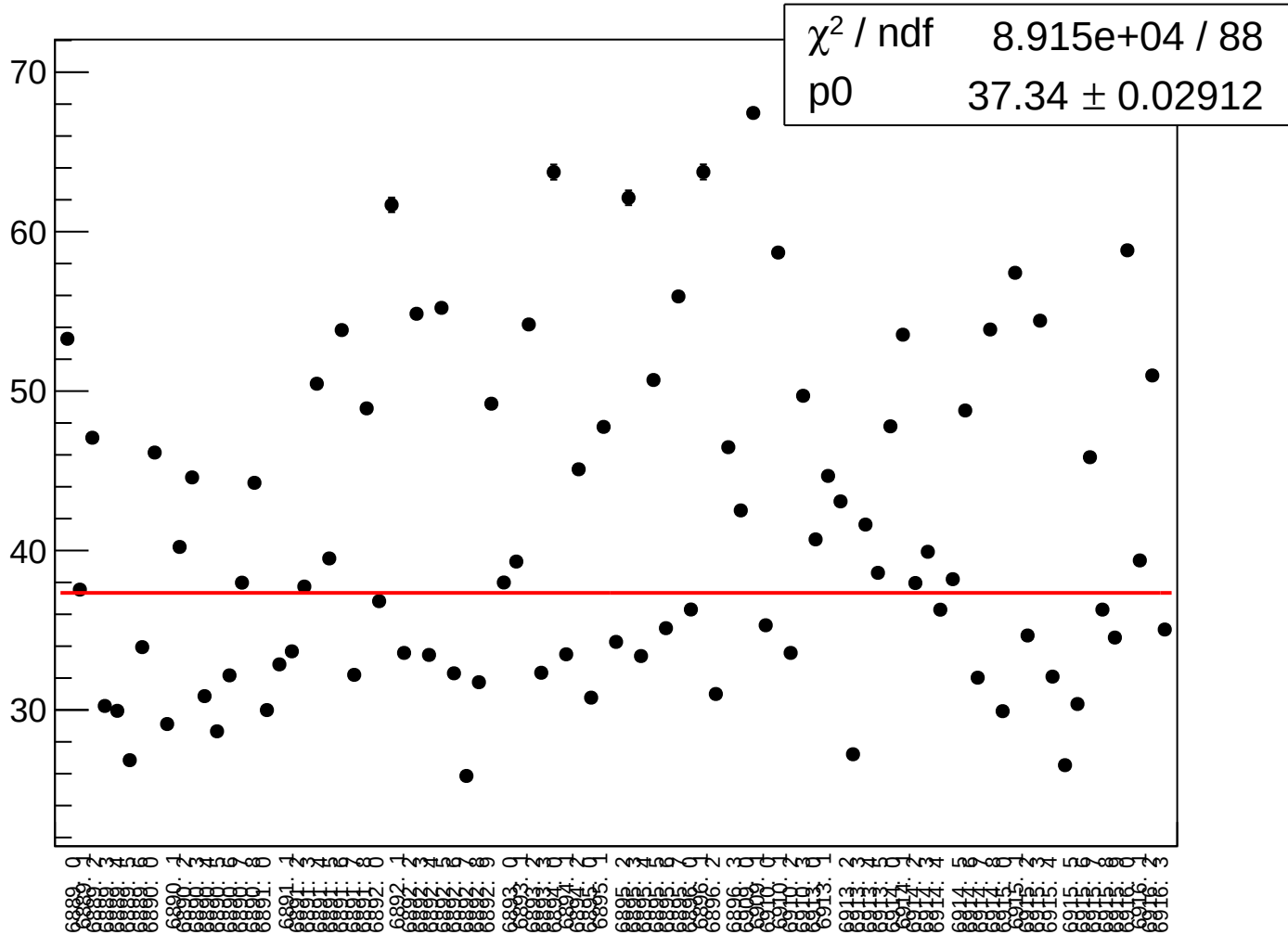
asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs run



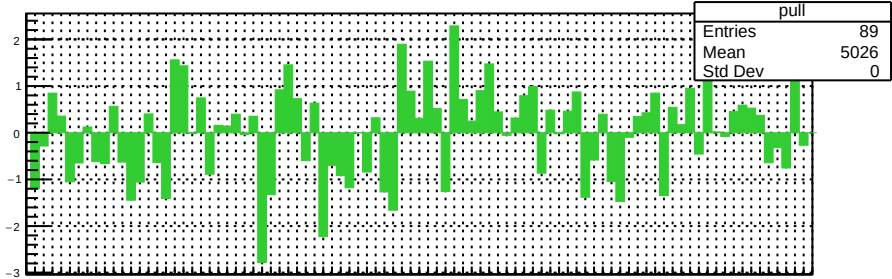
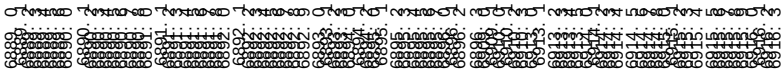
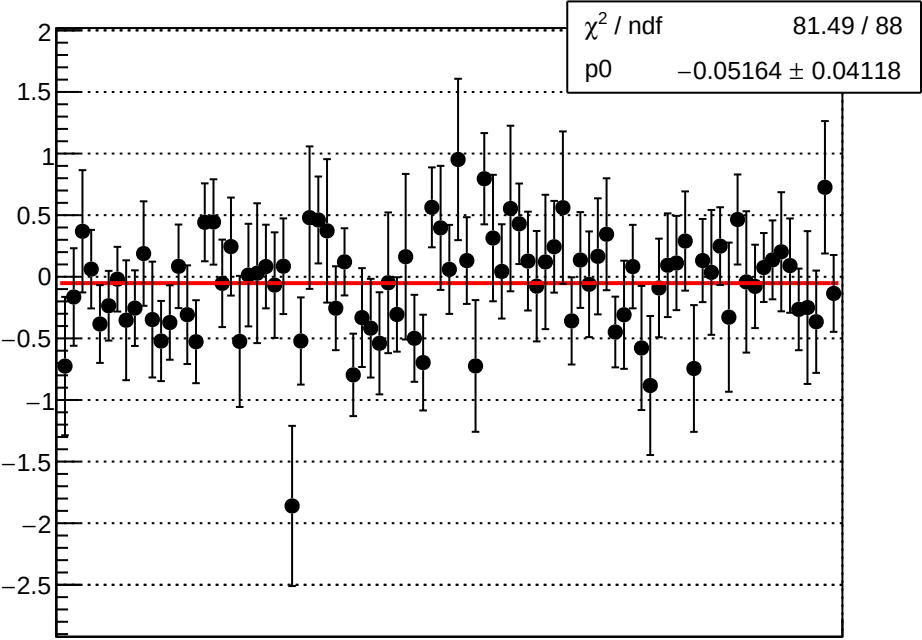
asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs run



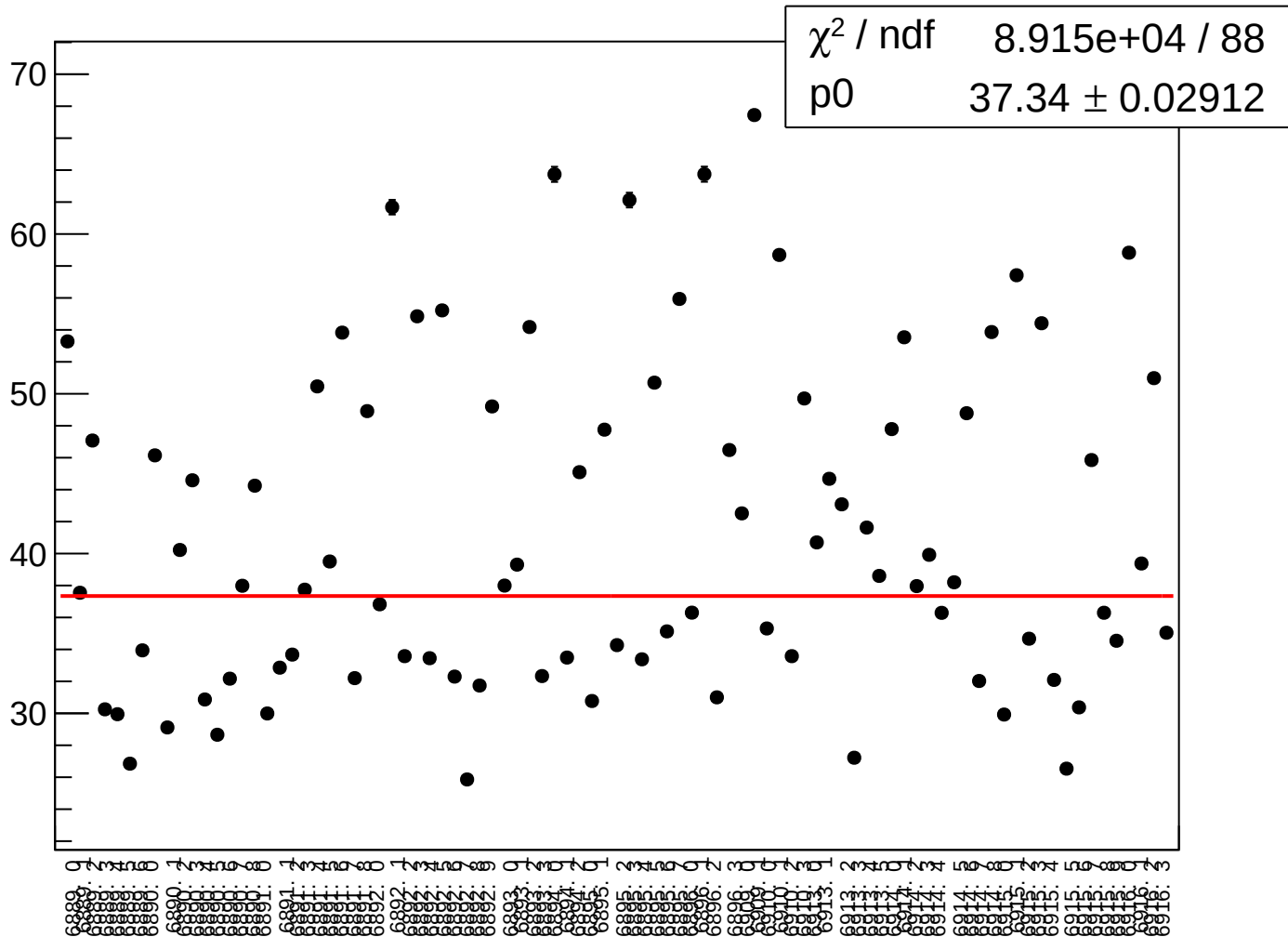
asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs run



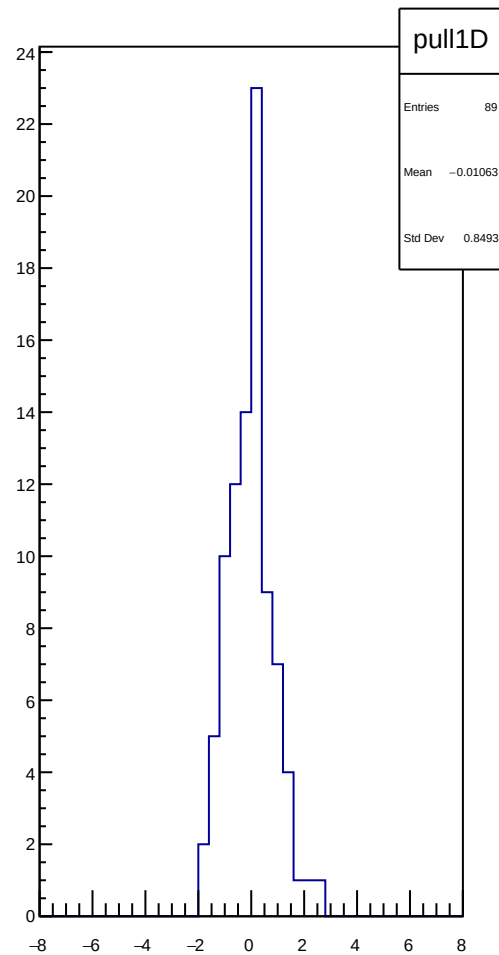
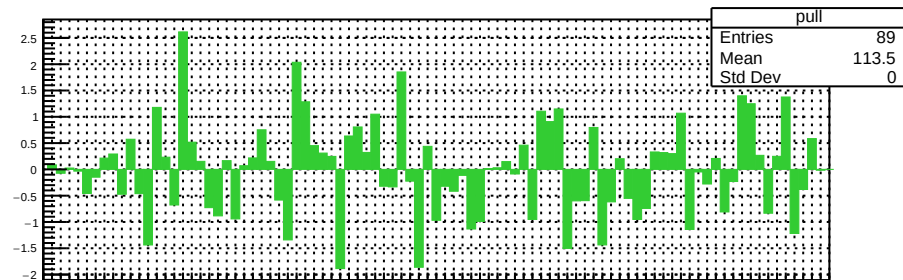
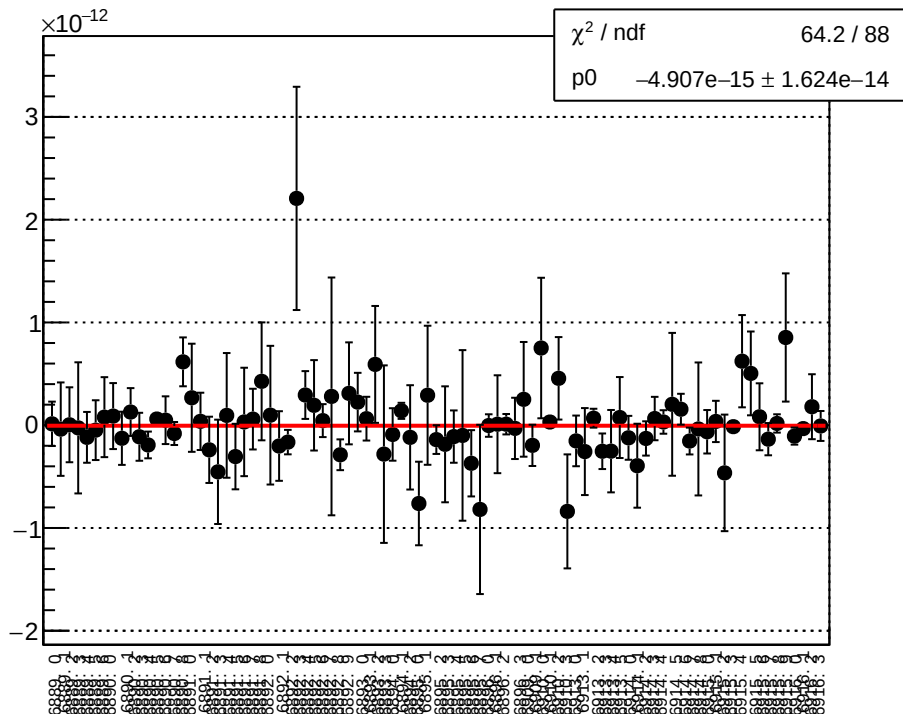
asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs run



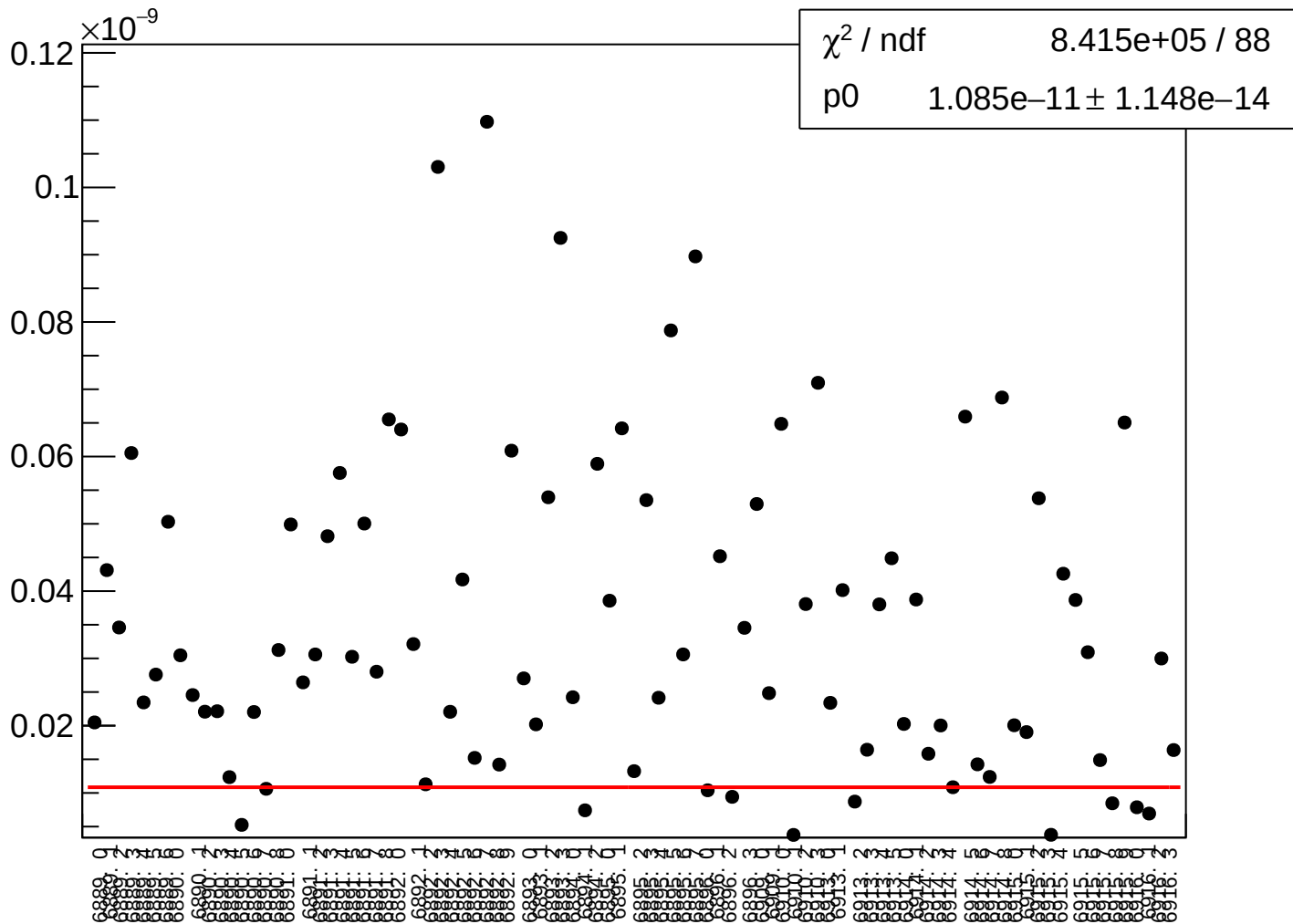
asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



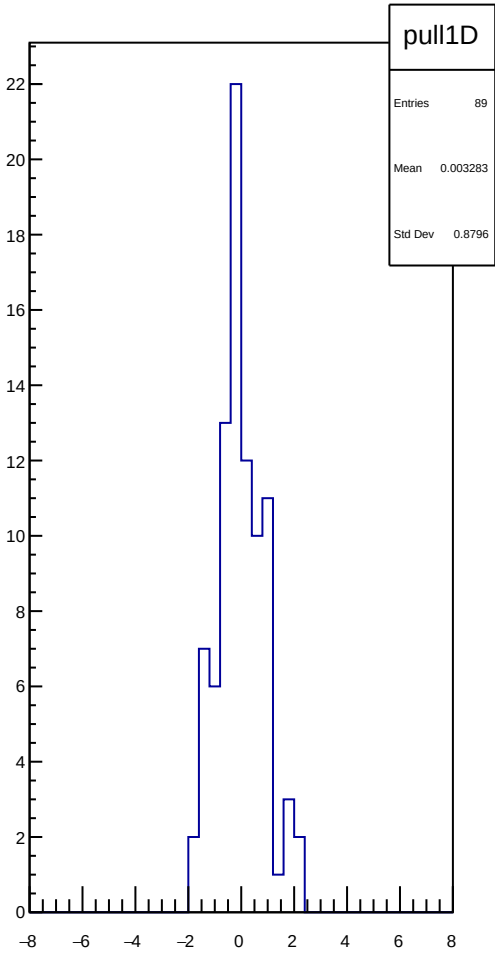
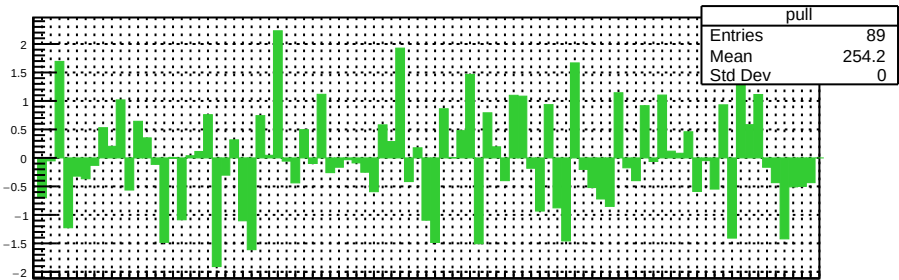
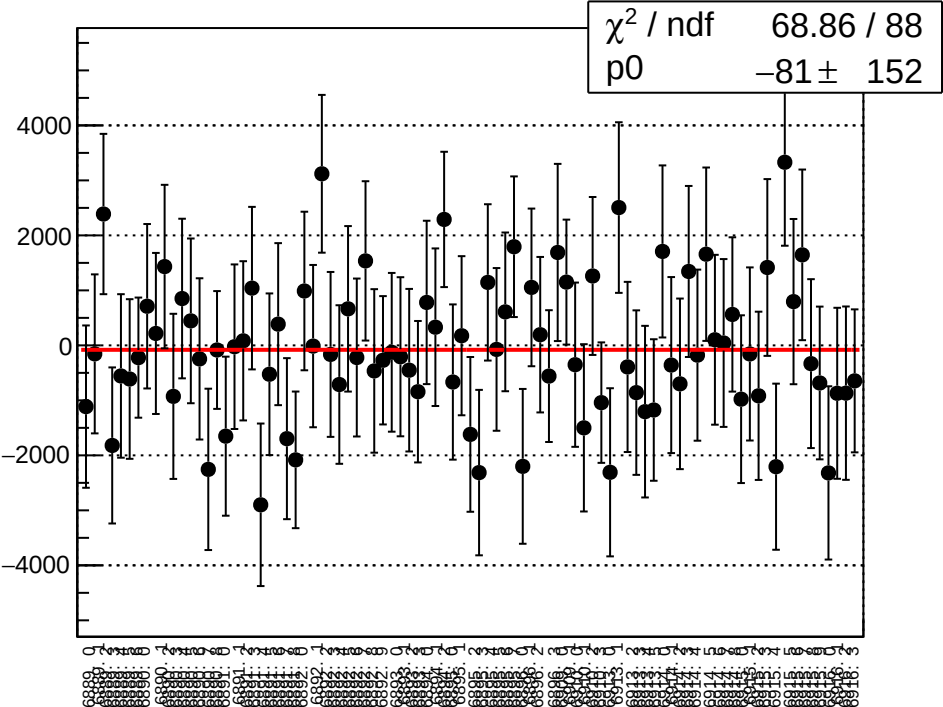
asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs run



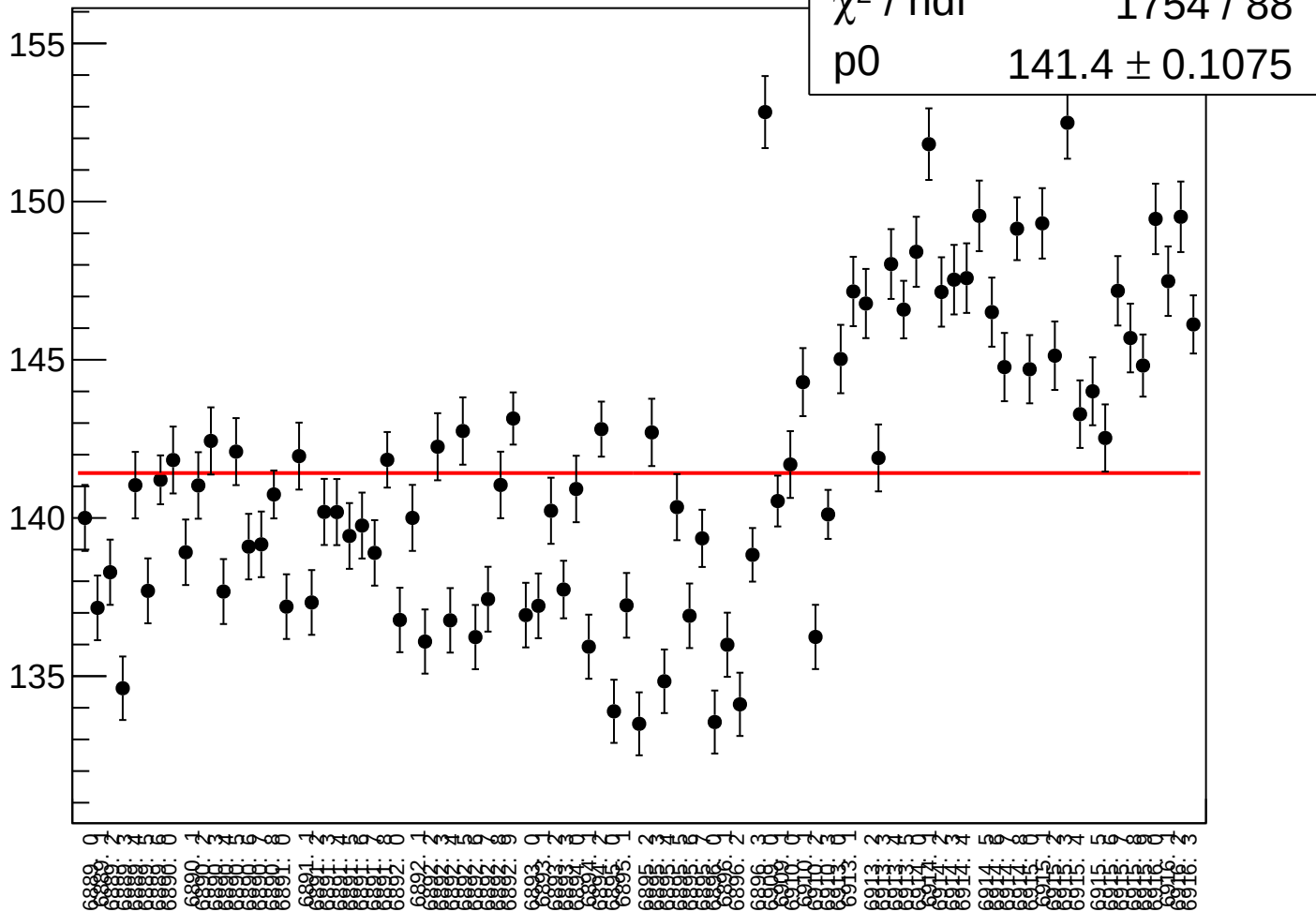
asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs run



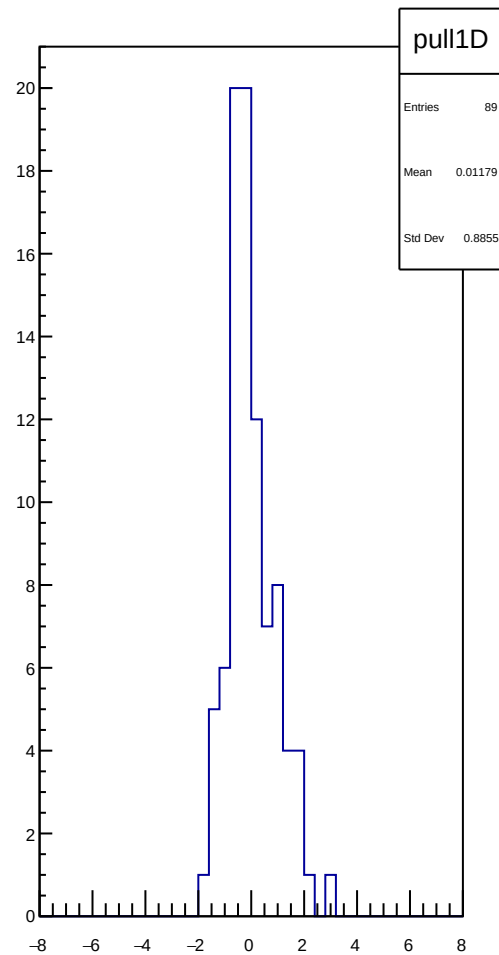
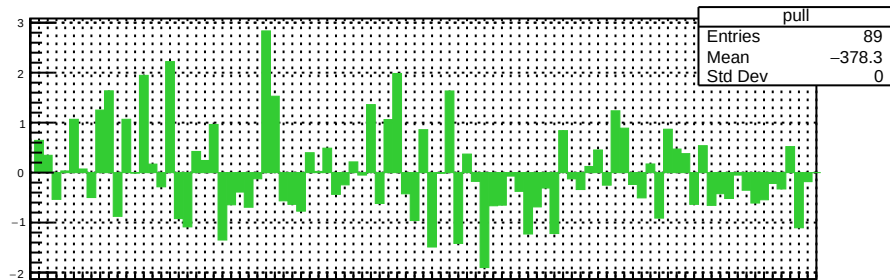
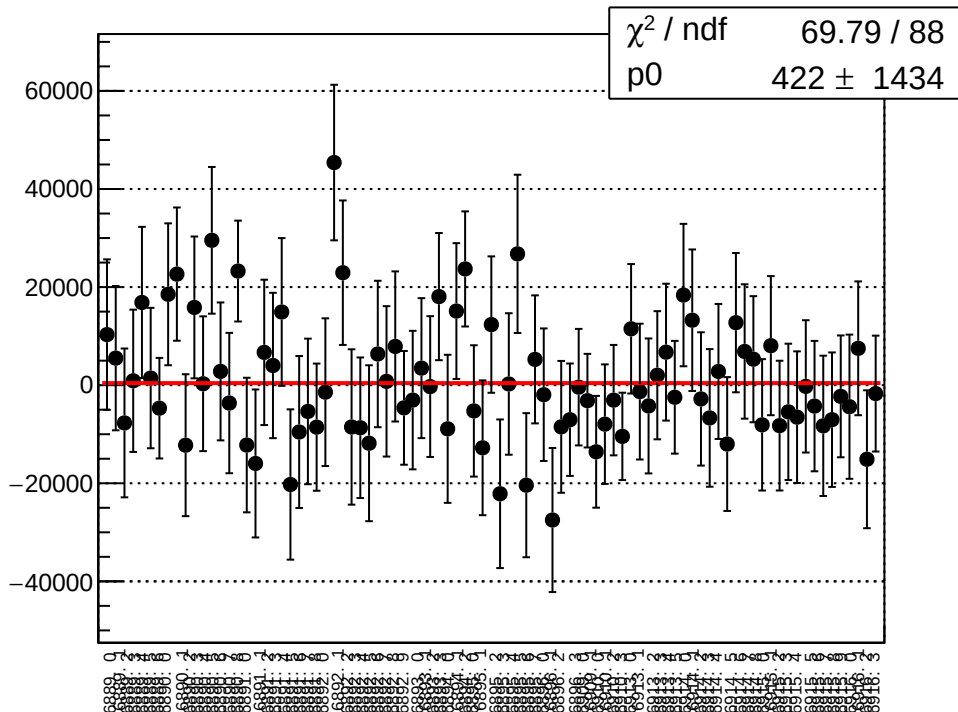
reg_asym_sam_48_avg_mean vs run



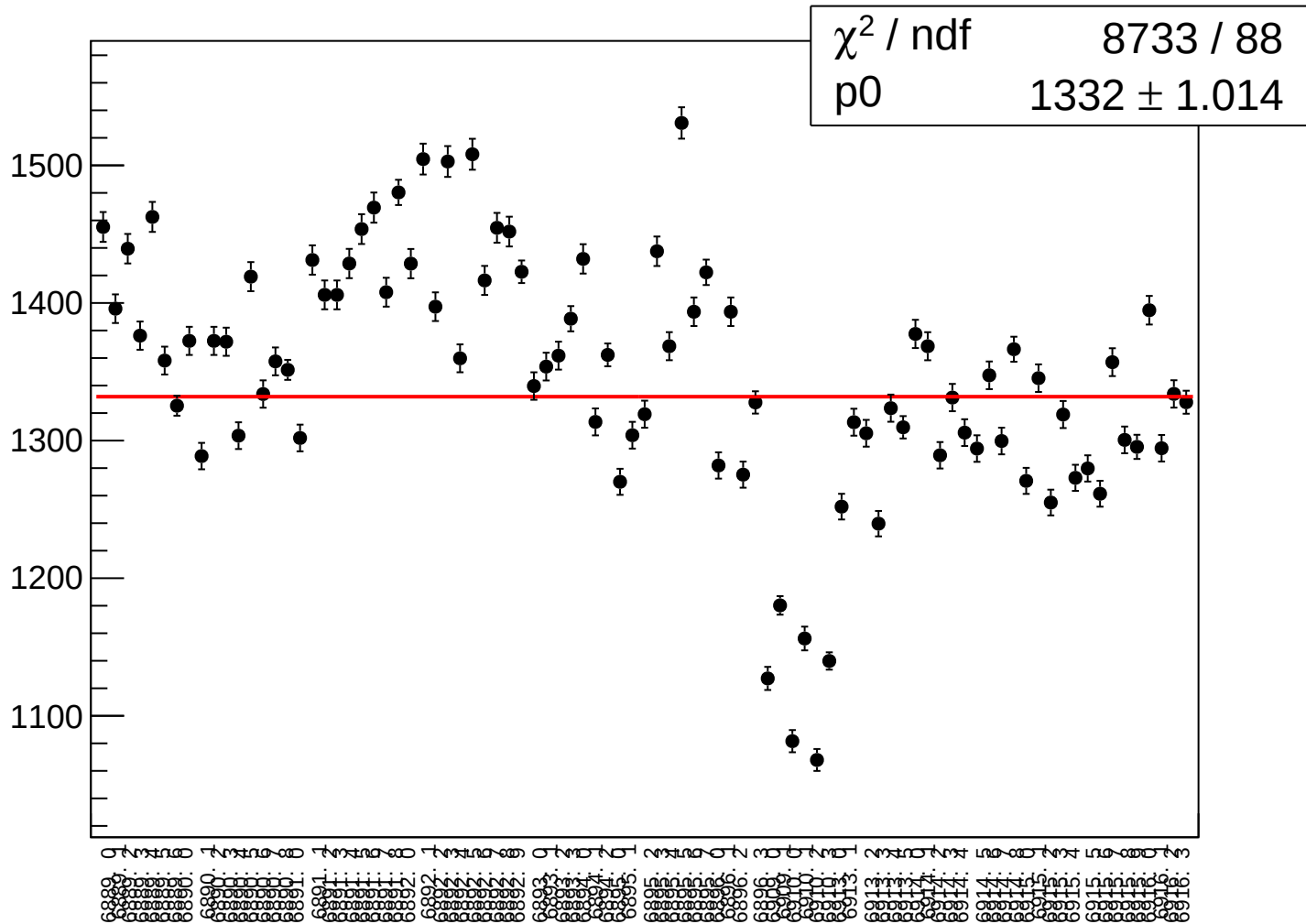
χ^2 / ndf	1754 / 88
p0	141.4 ± 0.1075



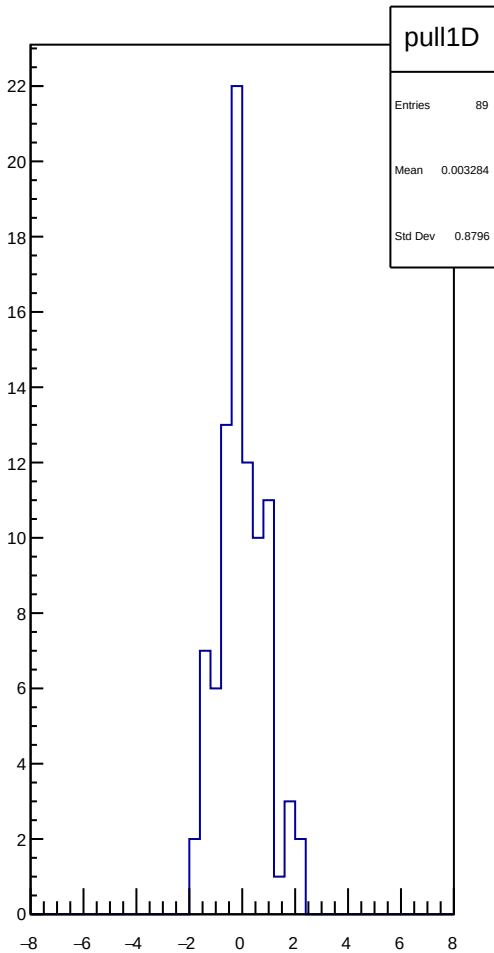
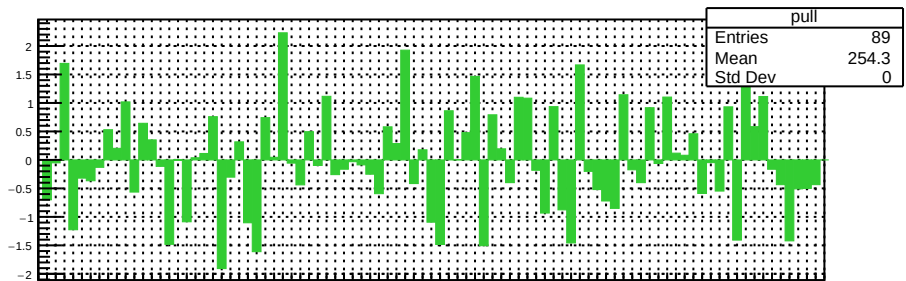
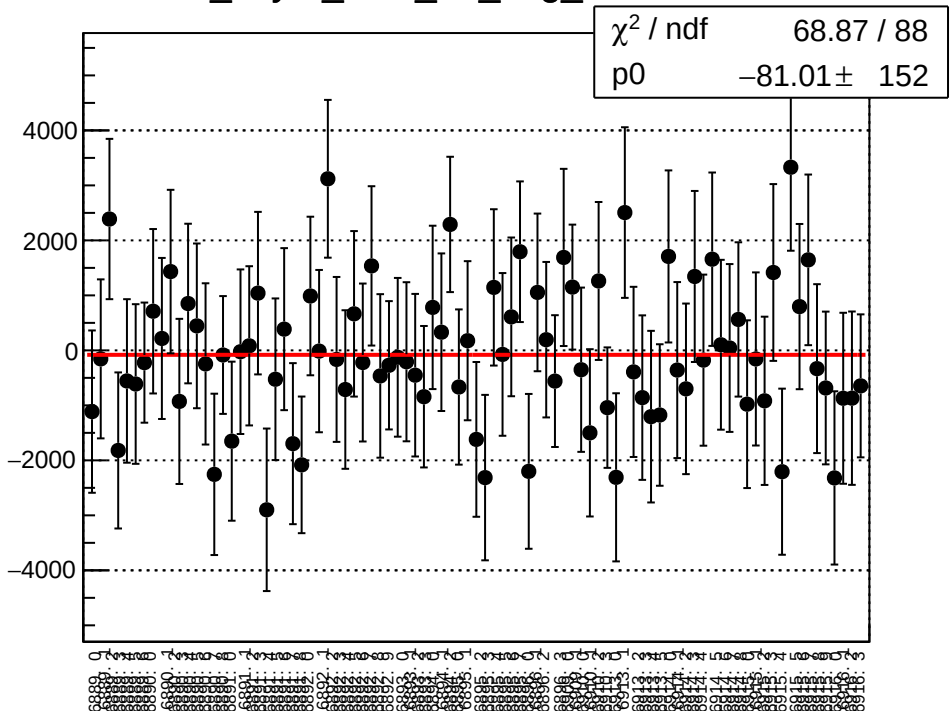
asym_sam_48_avg_reg_correction_mean vs run



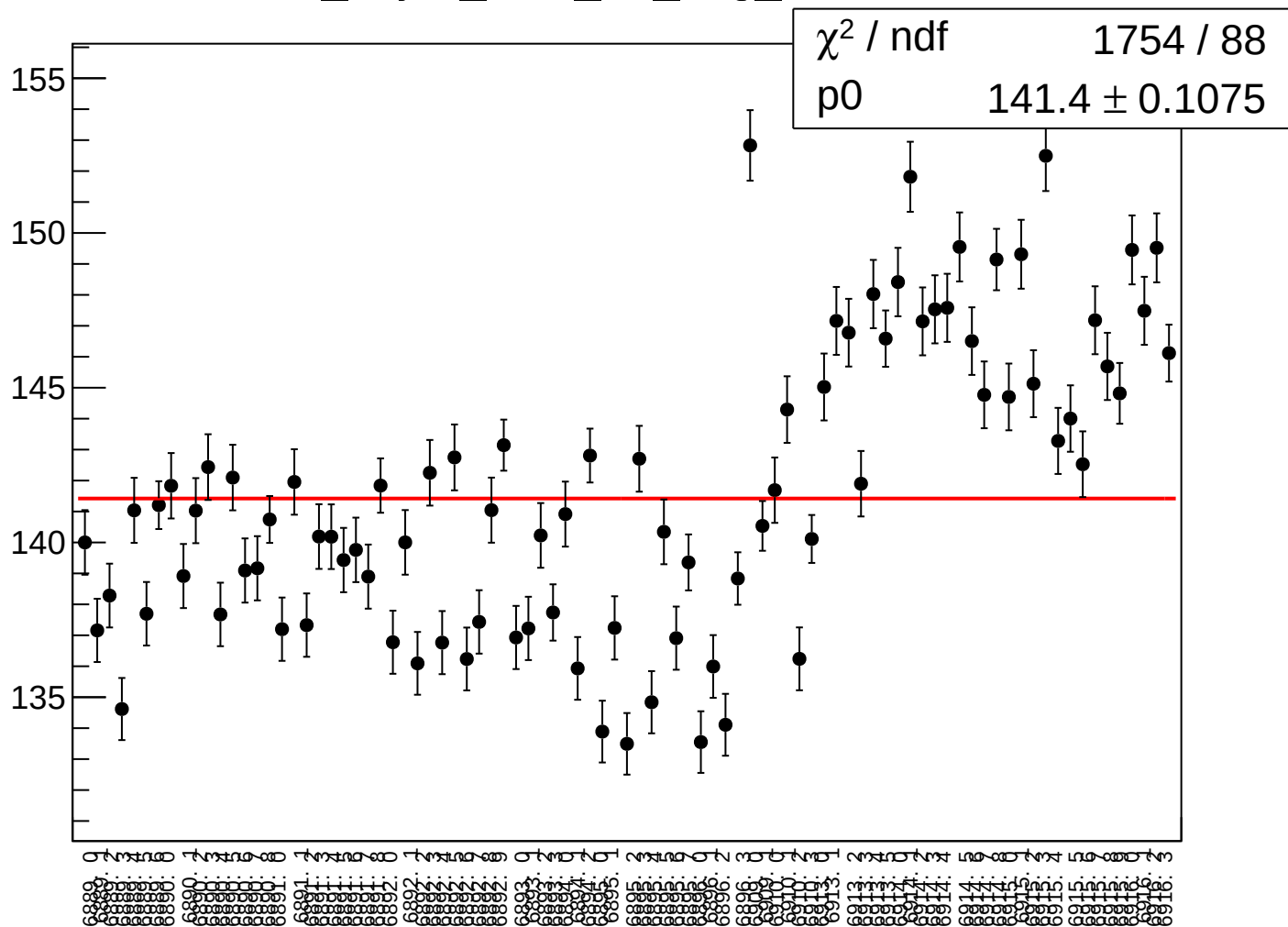
asym_sam_48_avg_reg_correction_rms vs run



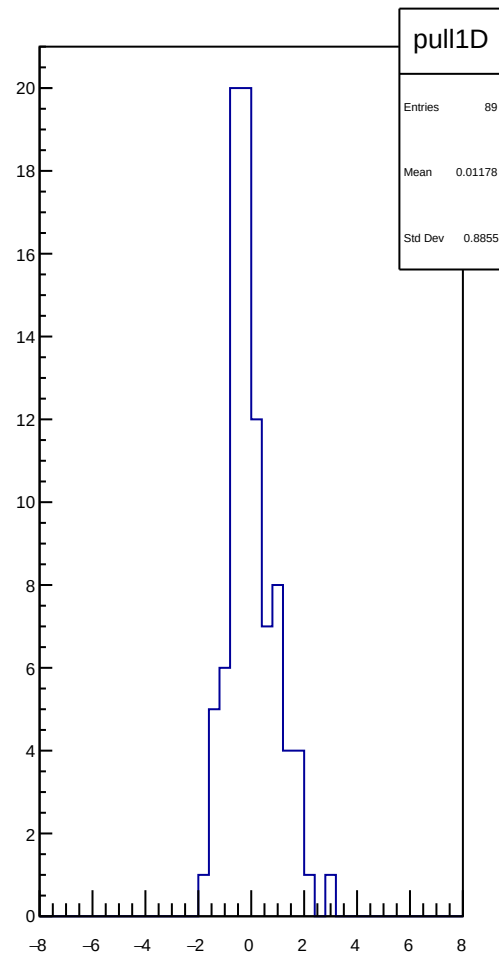
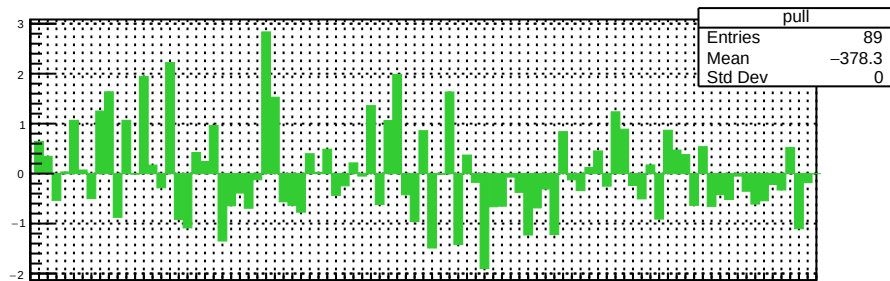
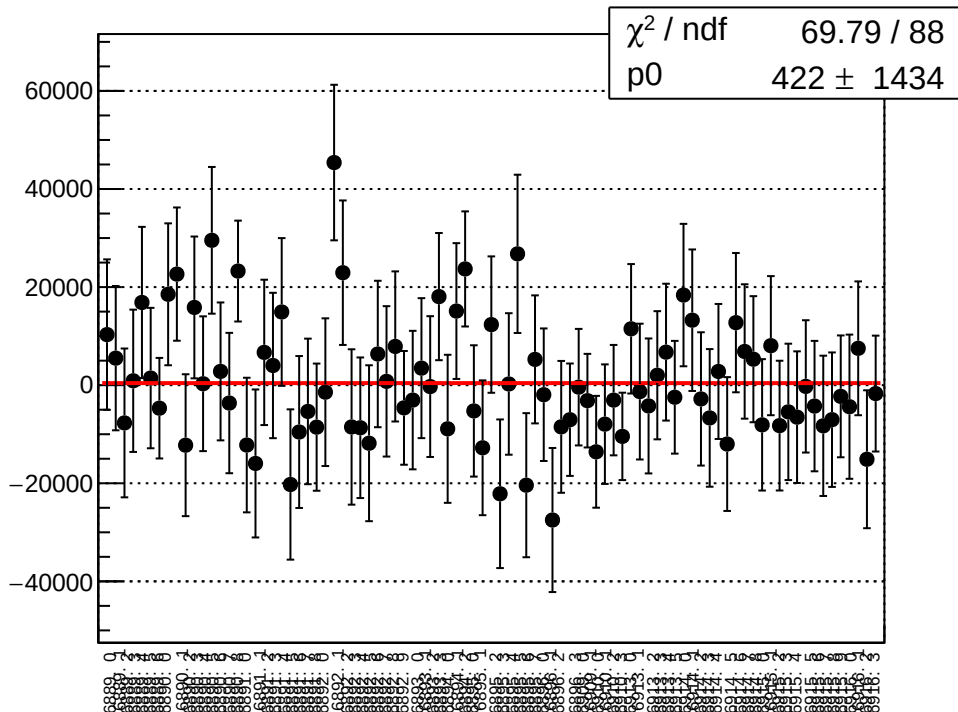
cor_asym_sam_48_avg_mean vs run



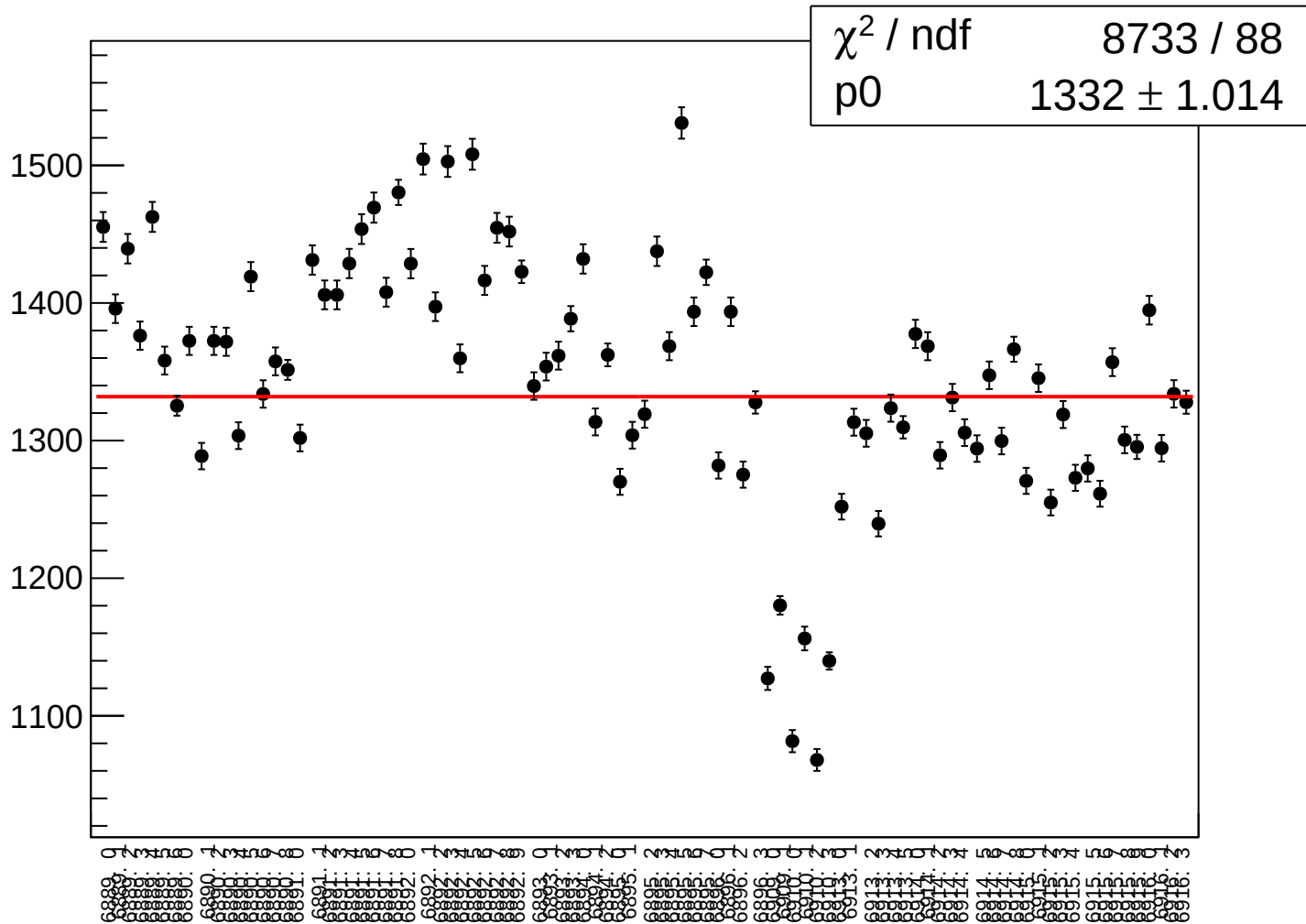
cor_asym_sam_48_avg_rms vs run



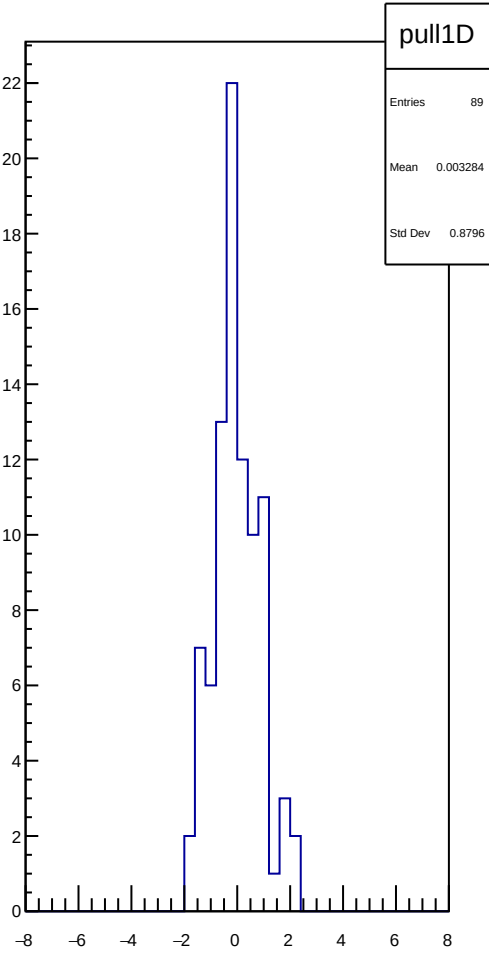
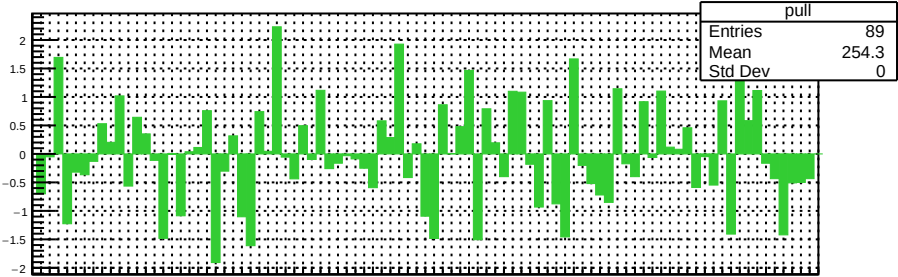
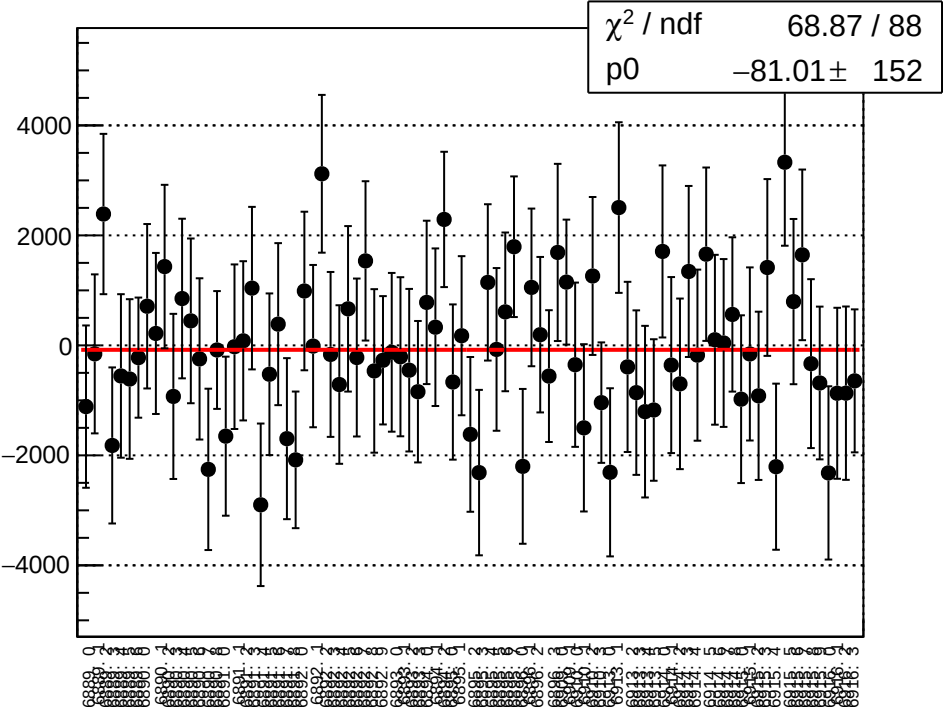
asym_sam_48_avg_cor_correction_mean vs run



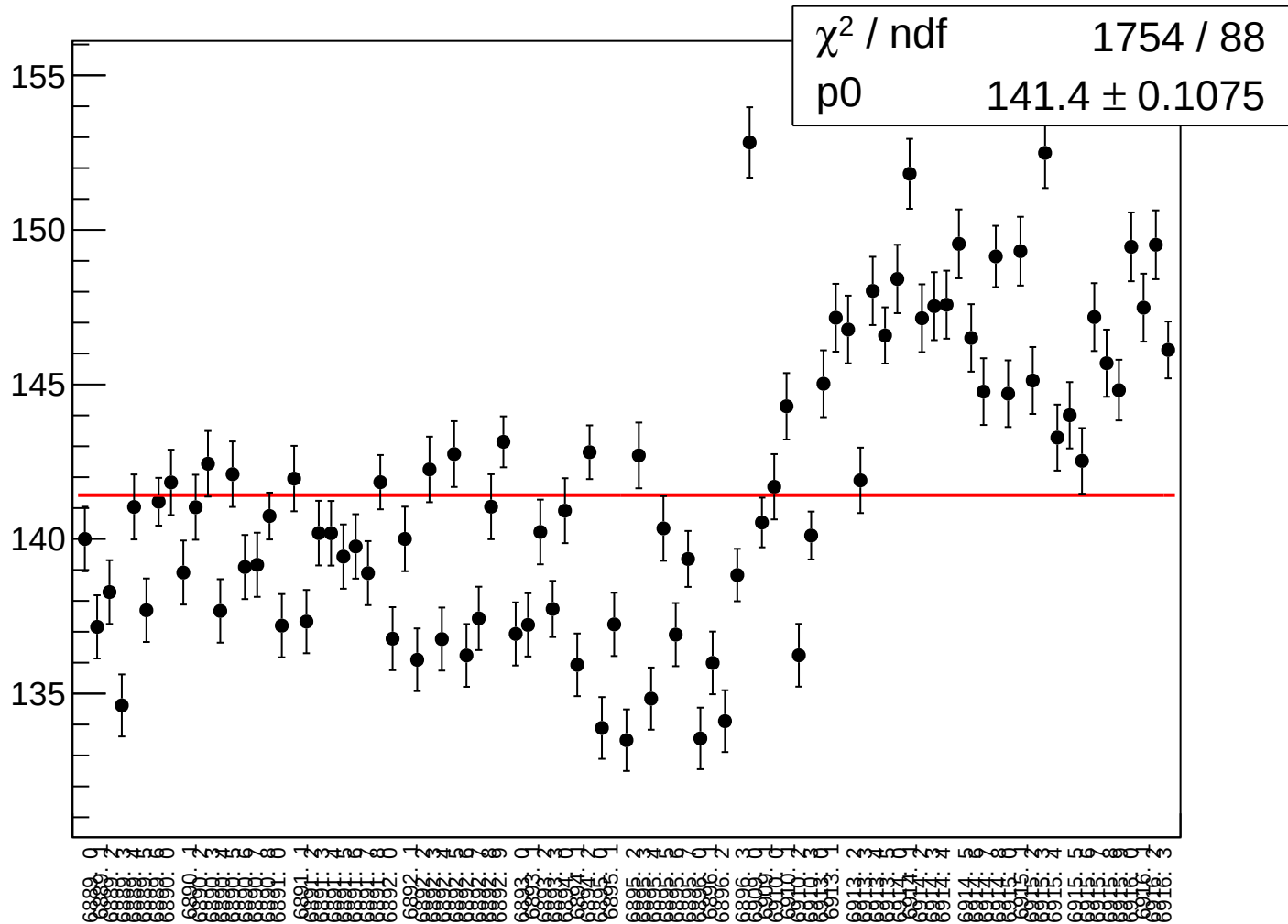
asym_sam_48_avg_cor_correction_rms vs run



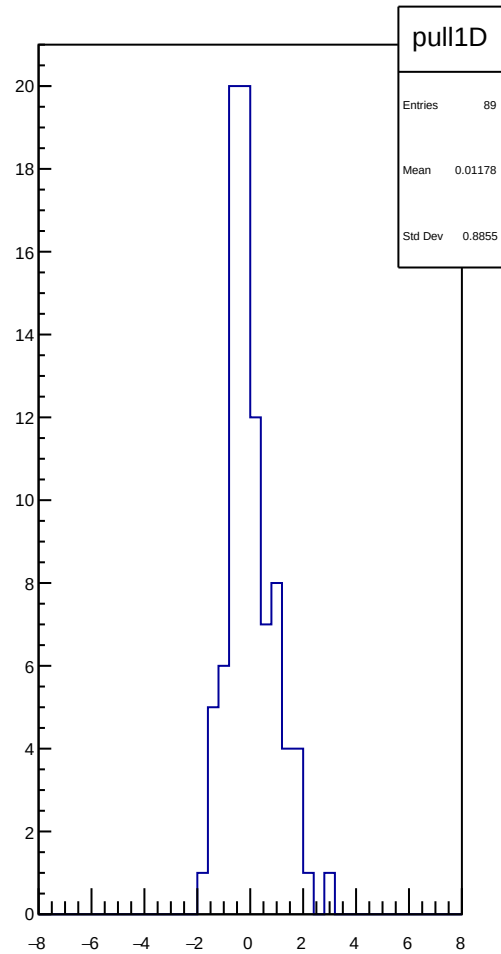
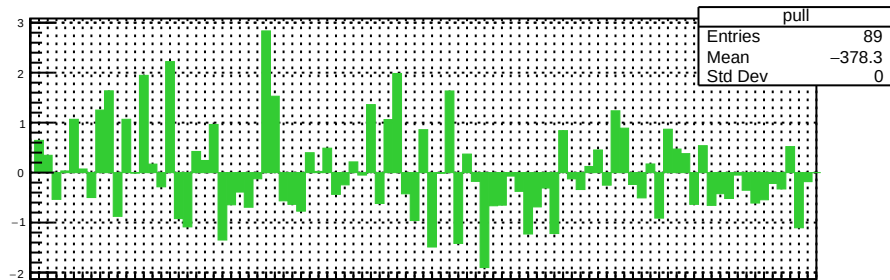
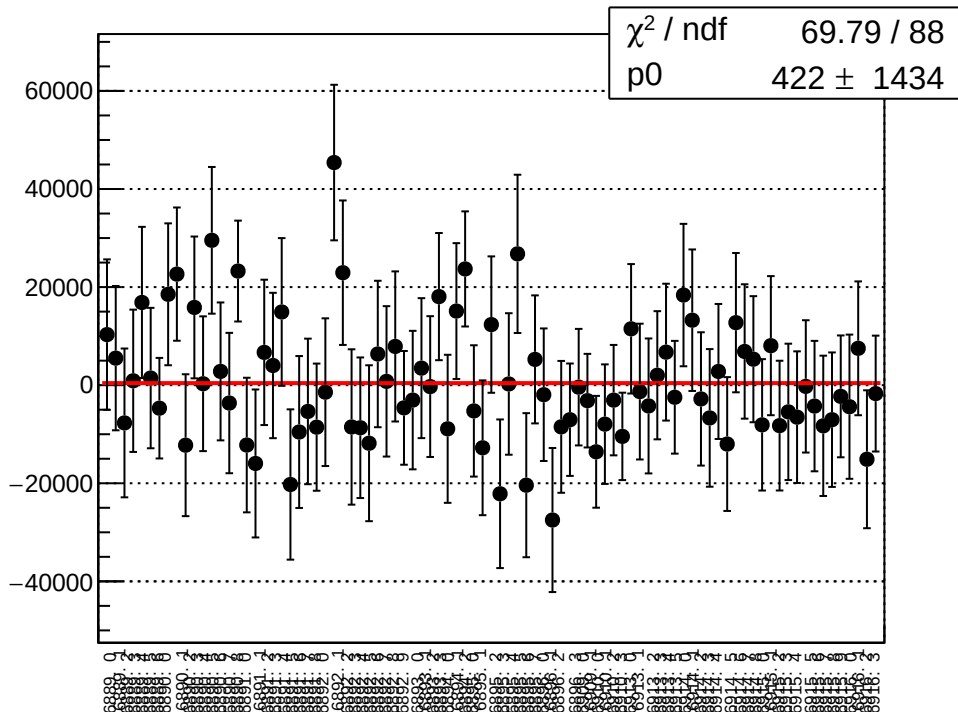
eigen_cor_asym_sam_48_avg_mean vs run



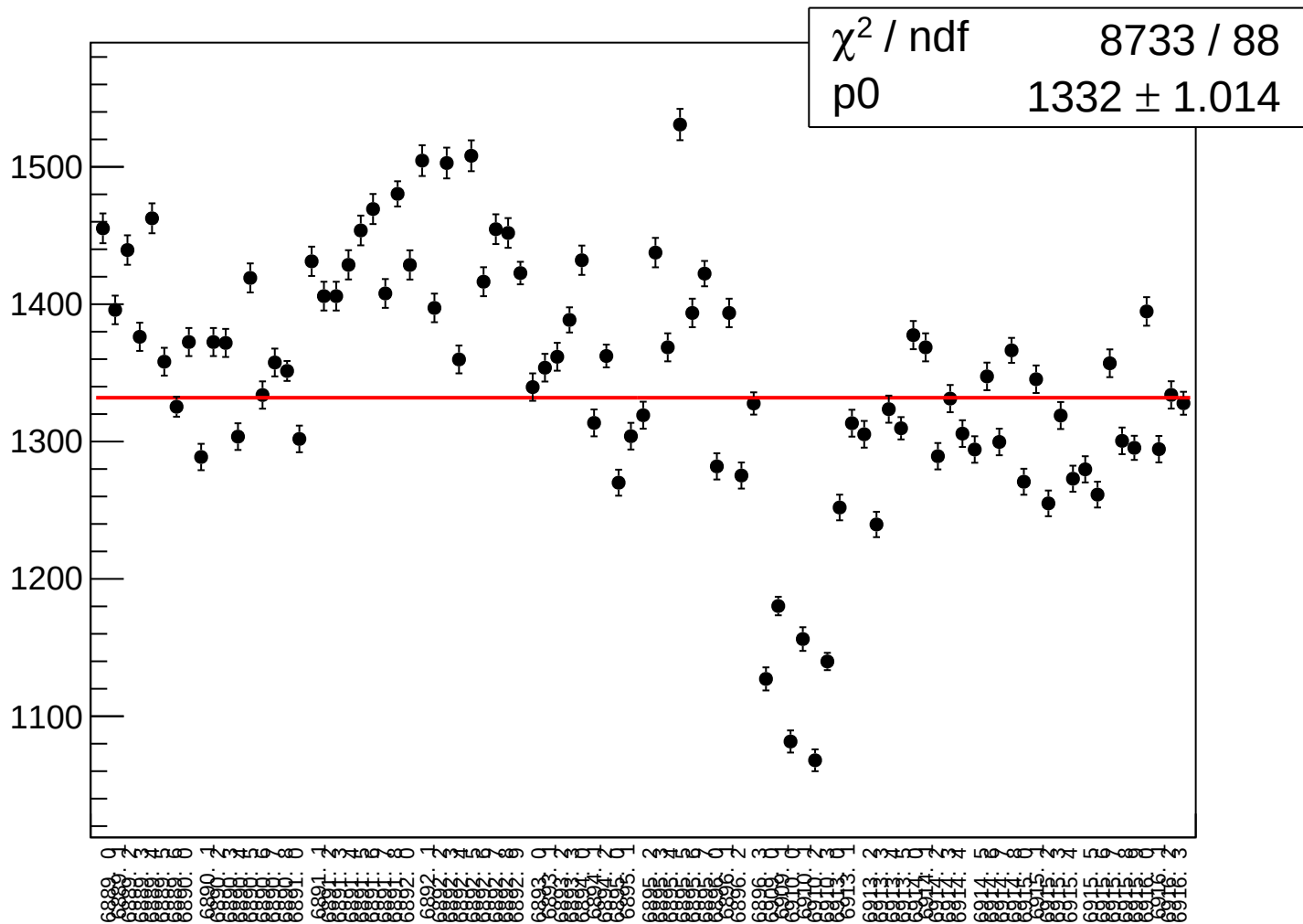
eigen_cor_asym_sam_48_avg_rms vs run



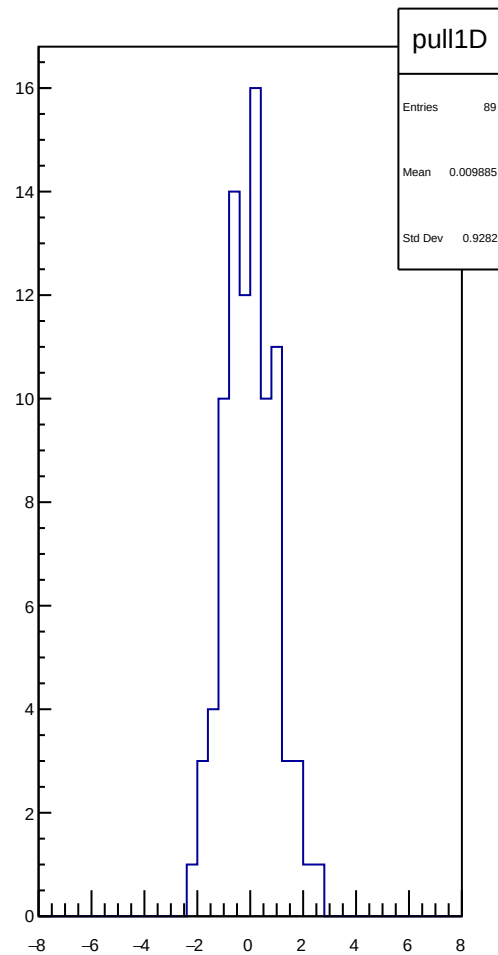
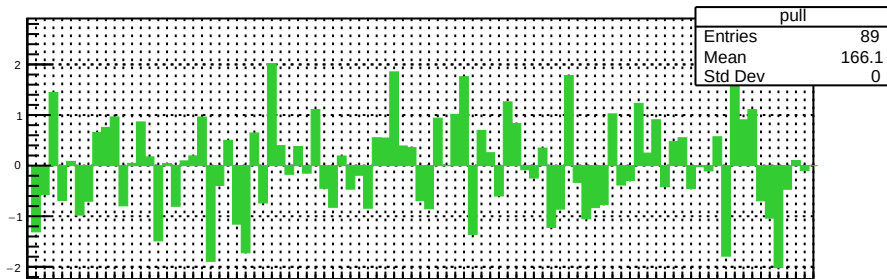
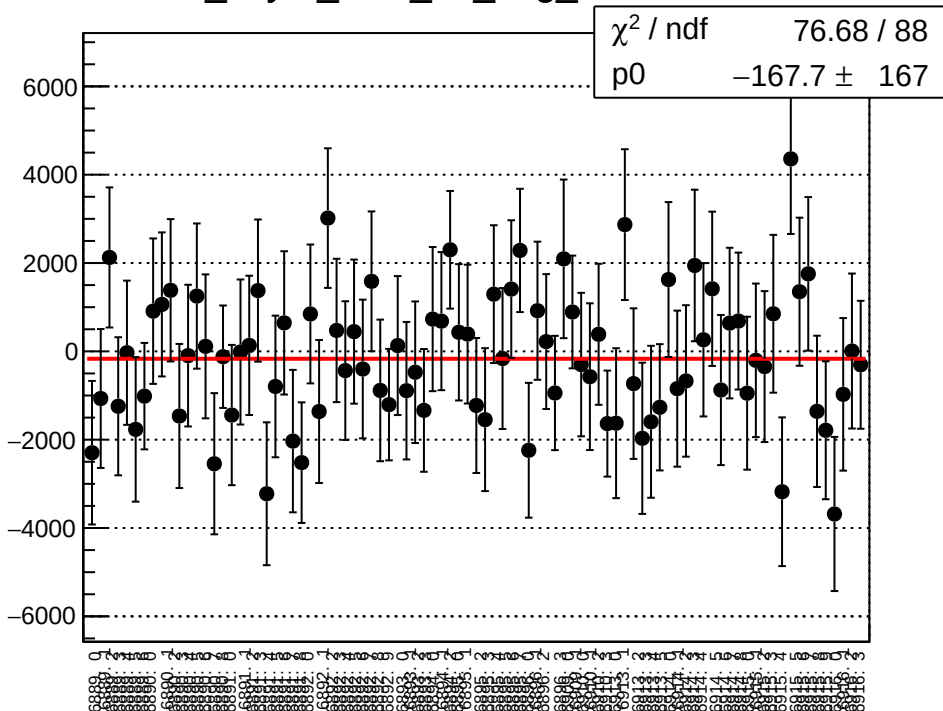
asym_sam_48_avg_eigen_cor_correction_mean vs run



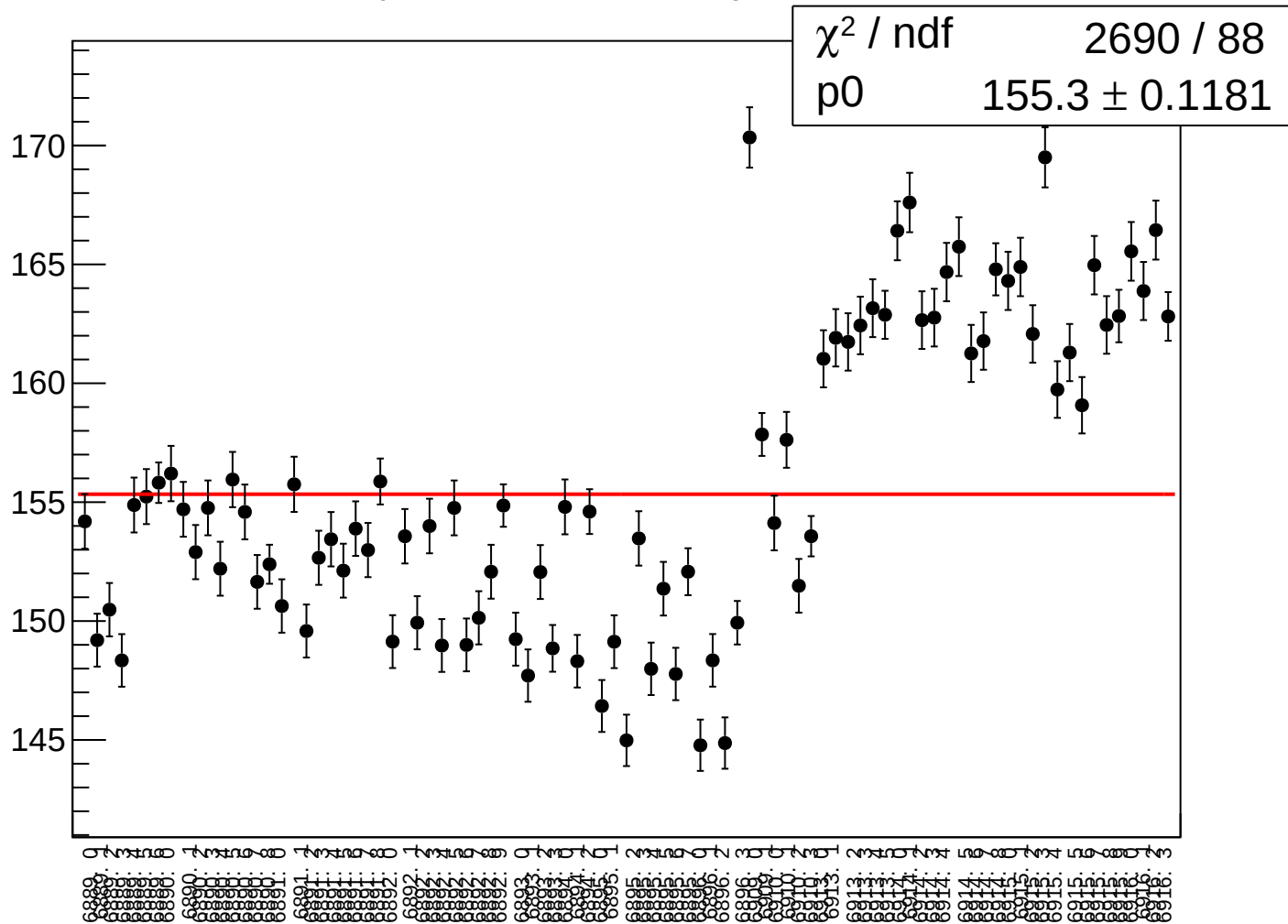
asym_sam_48_avg_eigen_cor_correction_rms vs run



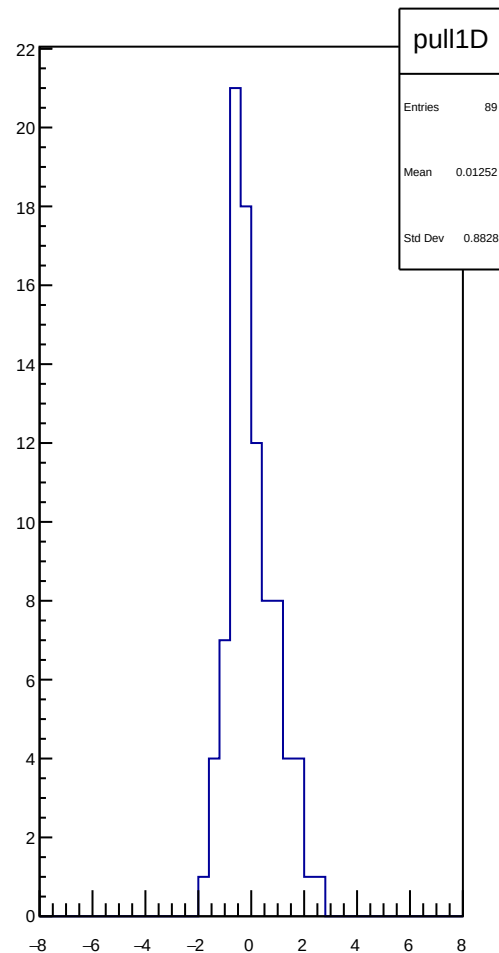
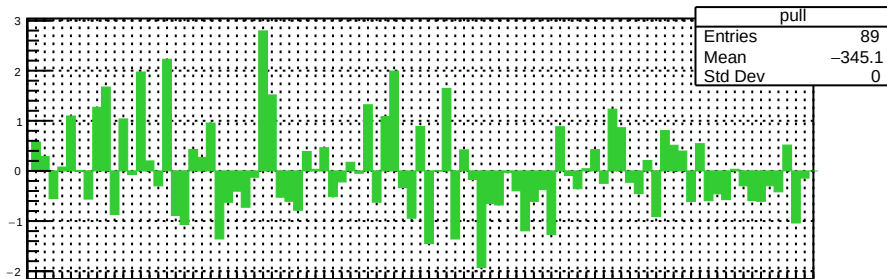
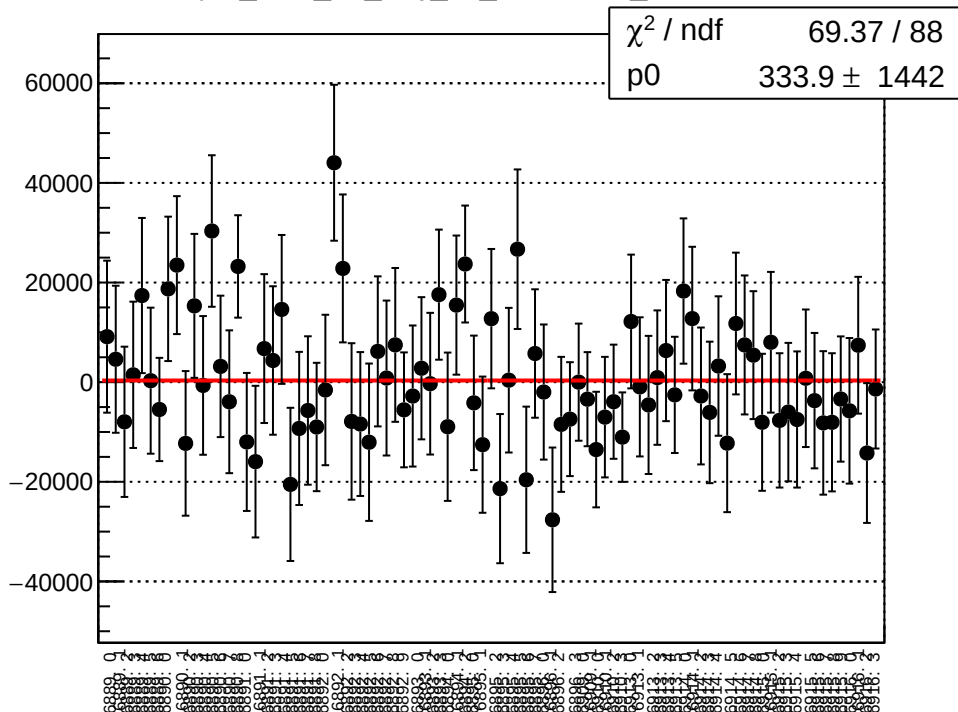
dit_asym_sam_48_avg_mean vs run



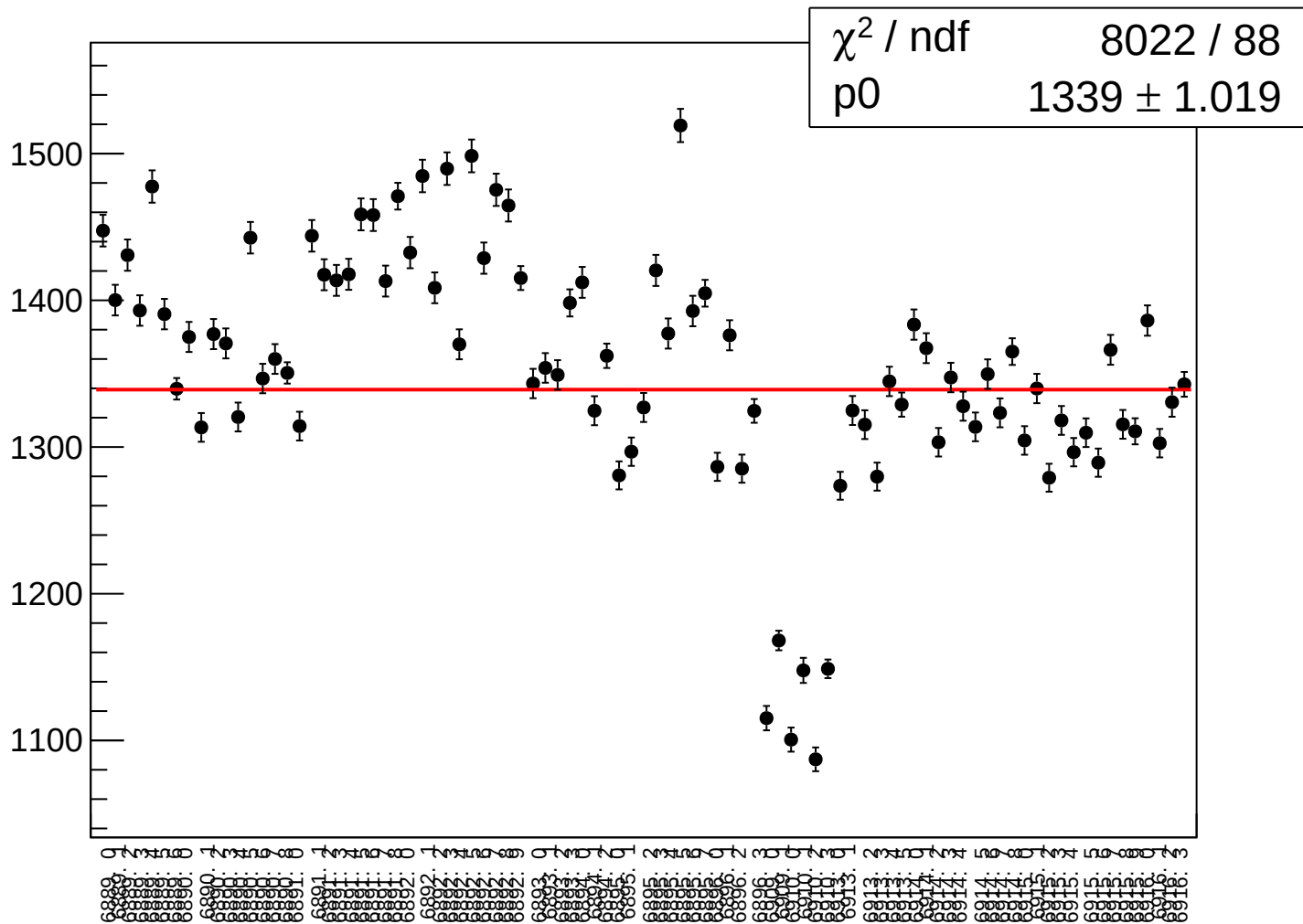
dit_asym_sam_48_avg_rms vs run



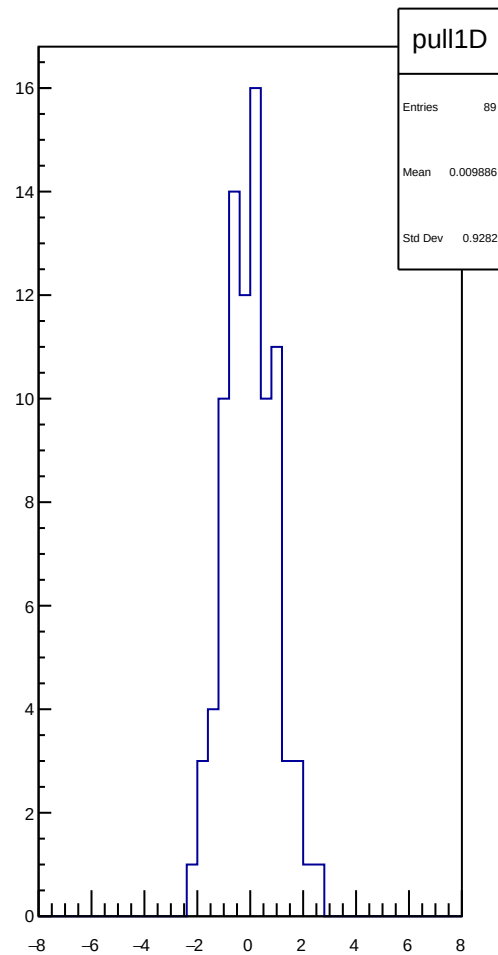
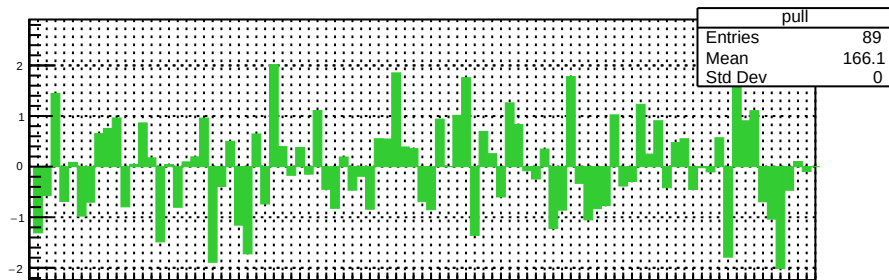
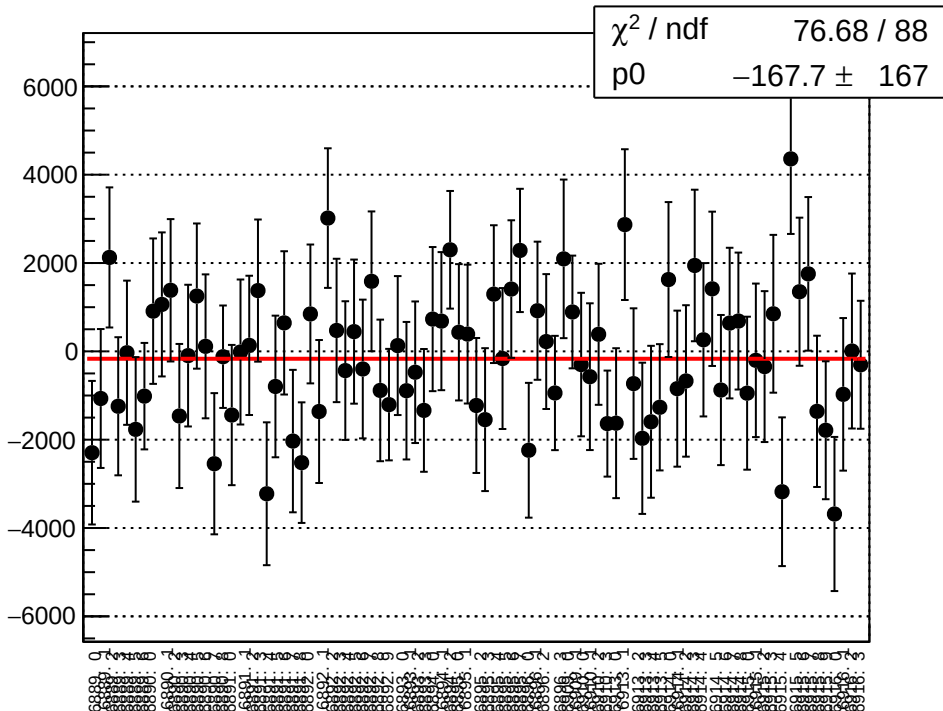
asym_sam_48_avg_dit_correction_mean vs run



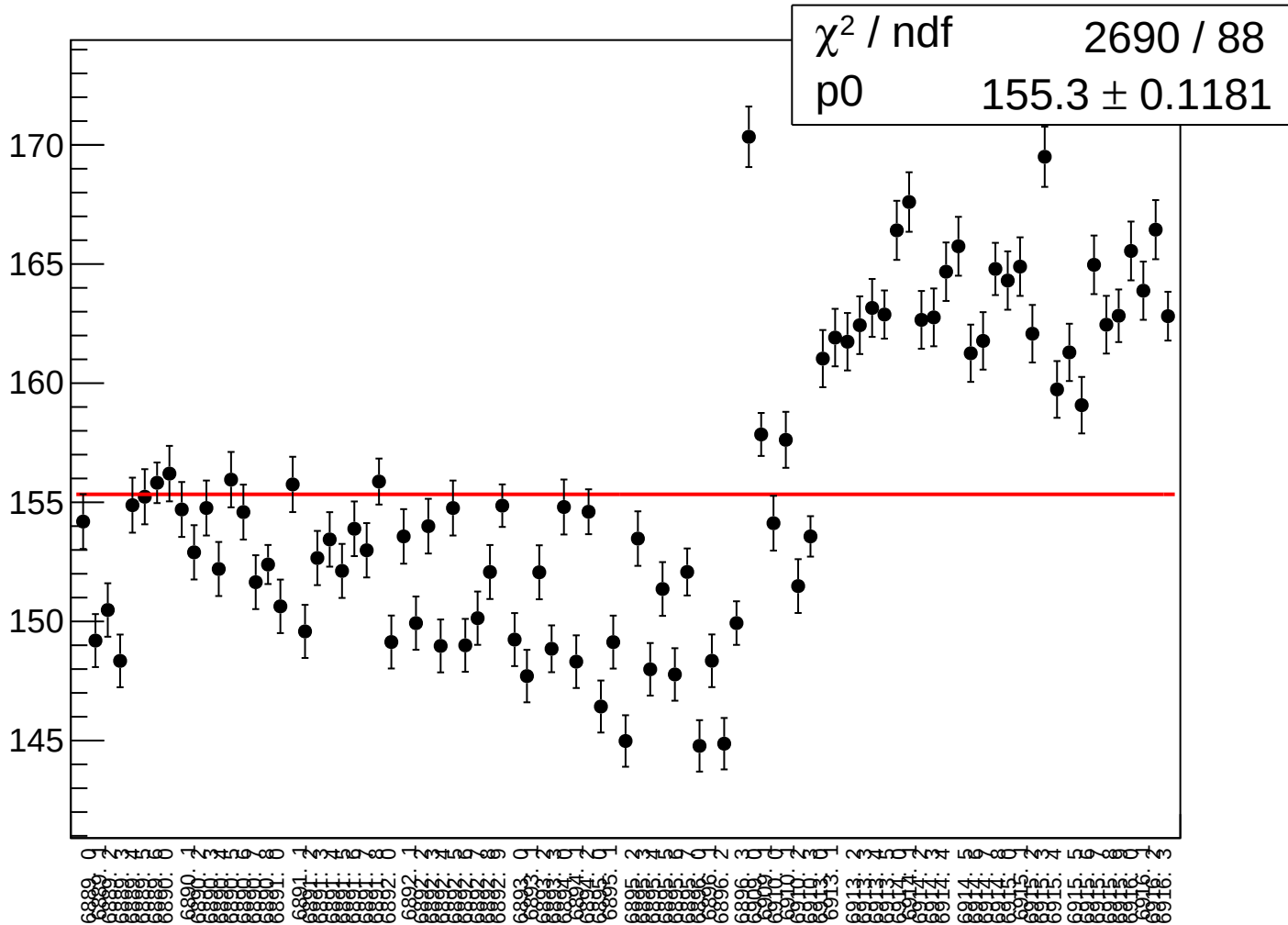
asym_sam_48_avg_dit_correction_rms vs run



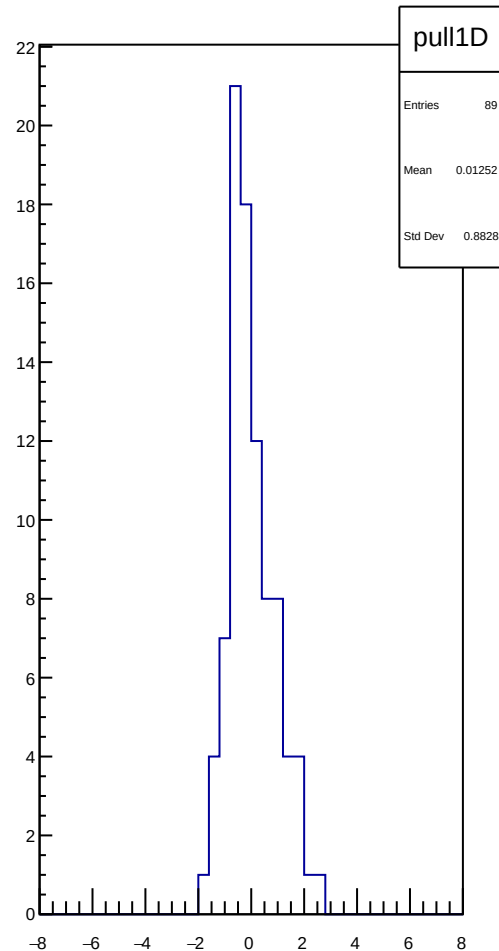
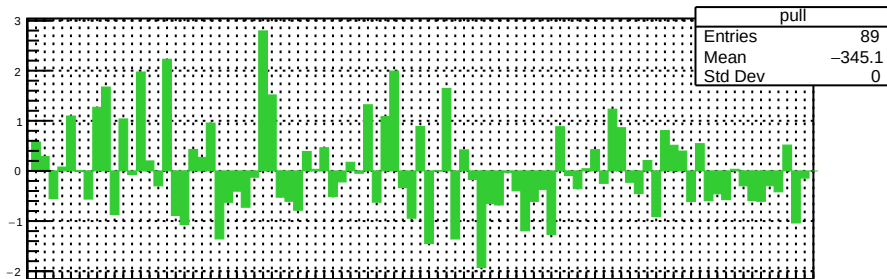
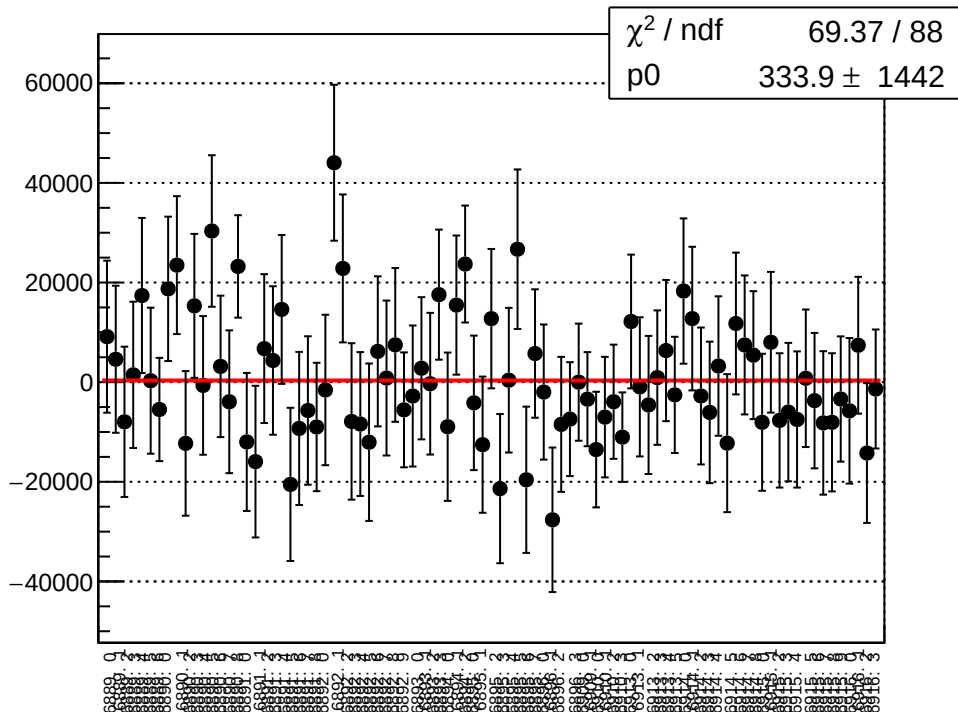
eigen_dit_asym_sam_48_avg_mean vs run



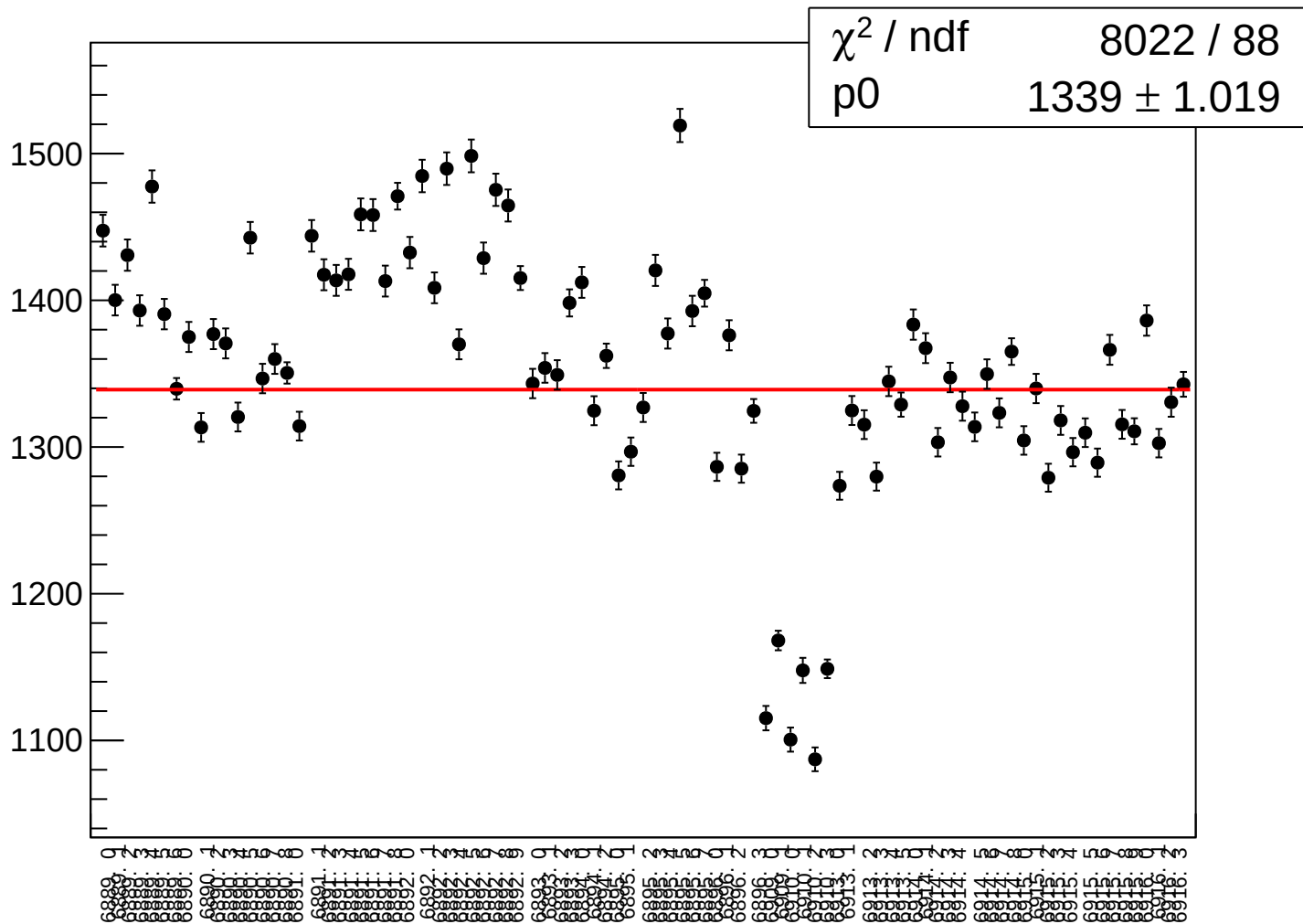
eigen_dit_asym_sam_48_avg_rms vs run



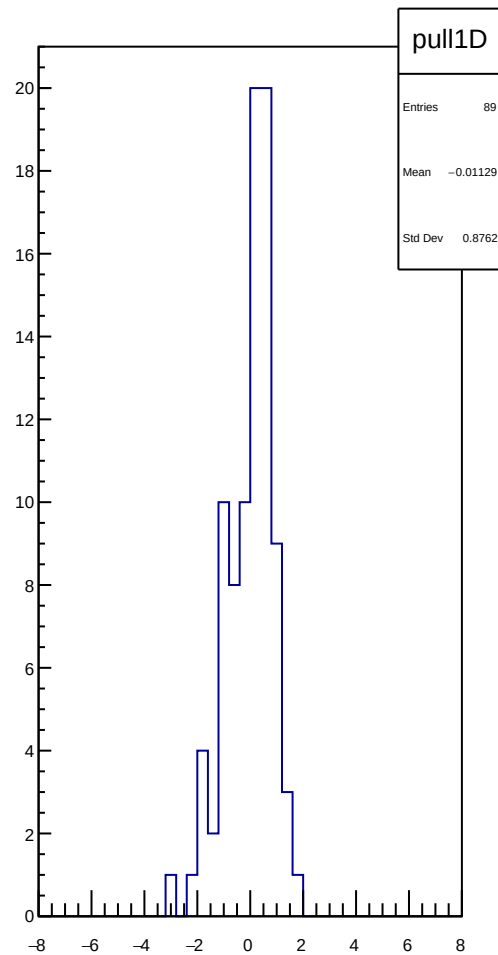
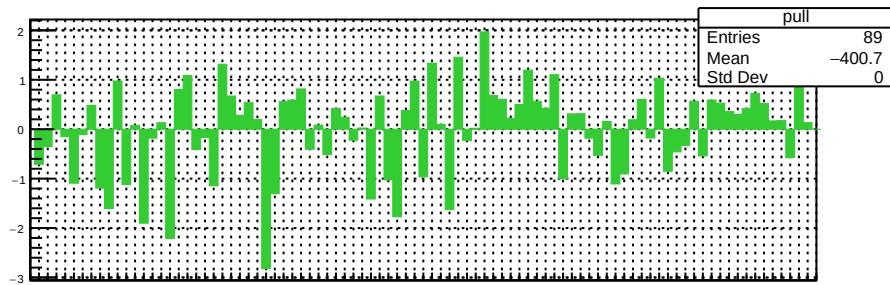
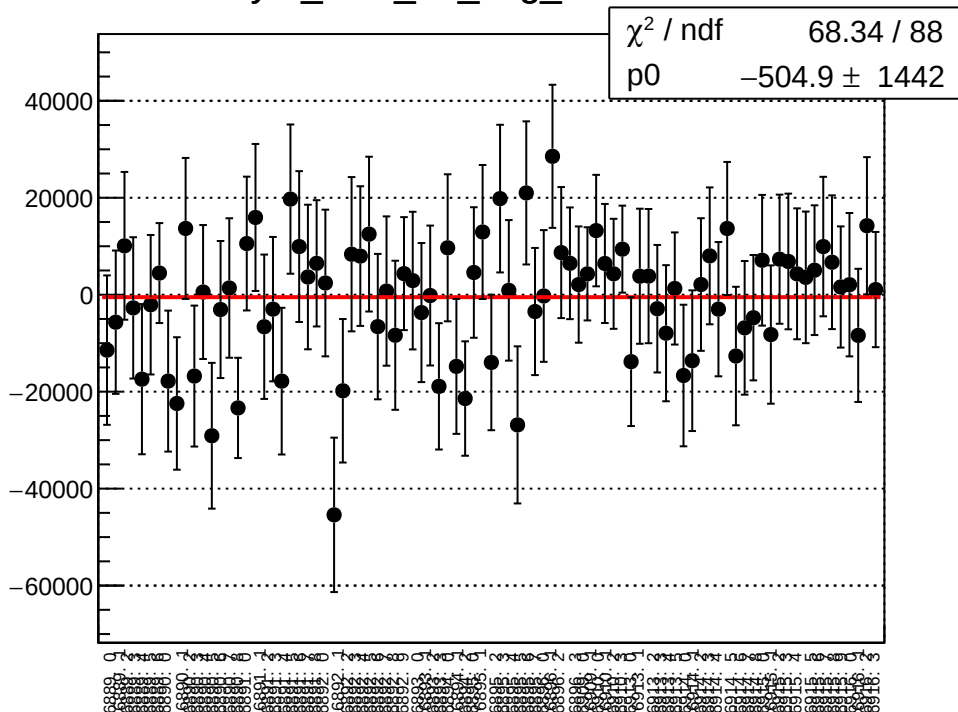
asym_sam_48_avg_eigen_dit_correction_mean vs run



asym_sam_48_avg_eigen_dit_correction_rms vs run



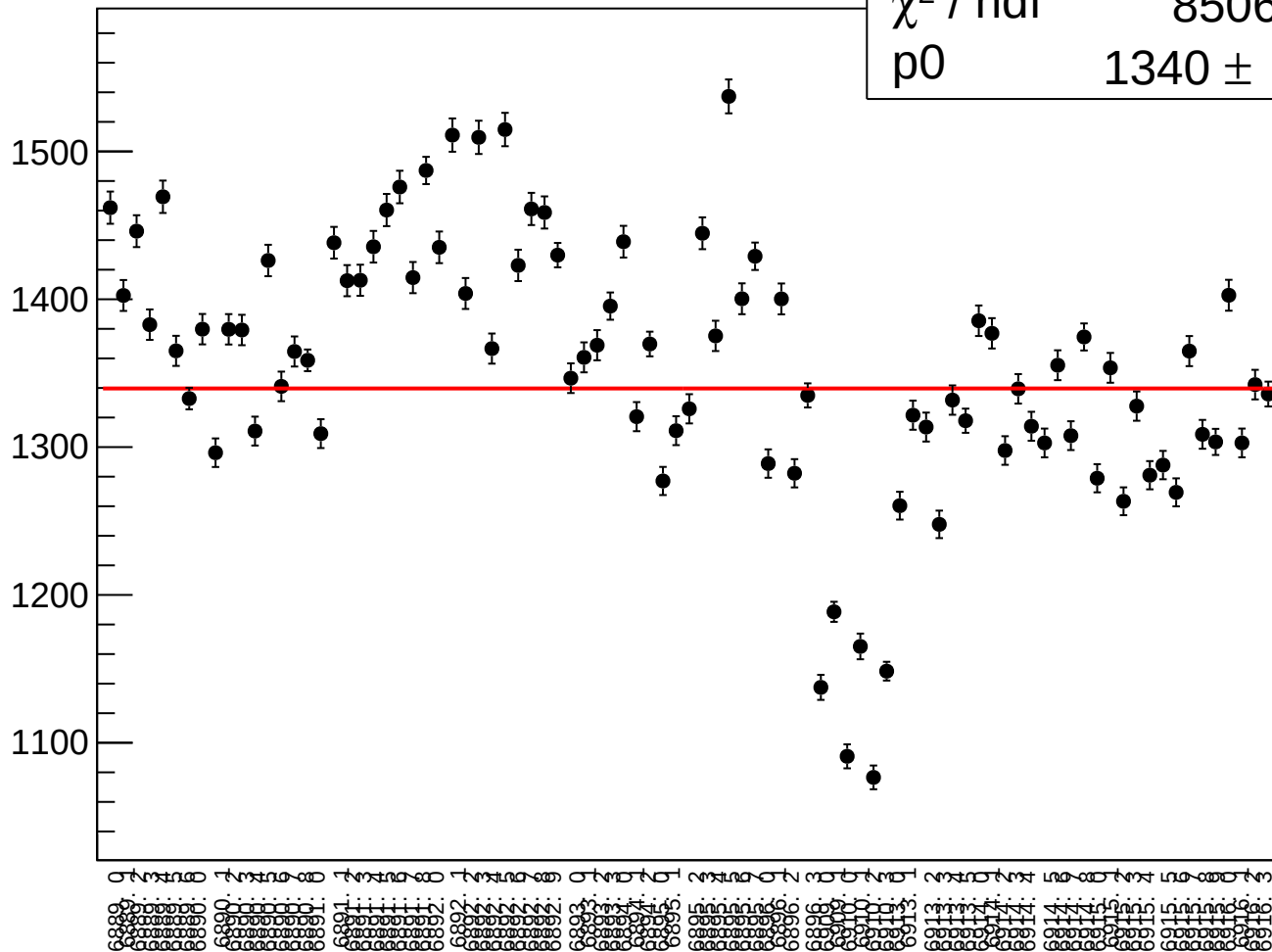
asym_sam_48_avg_mean vs run



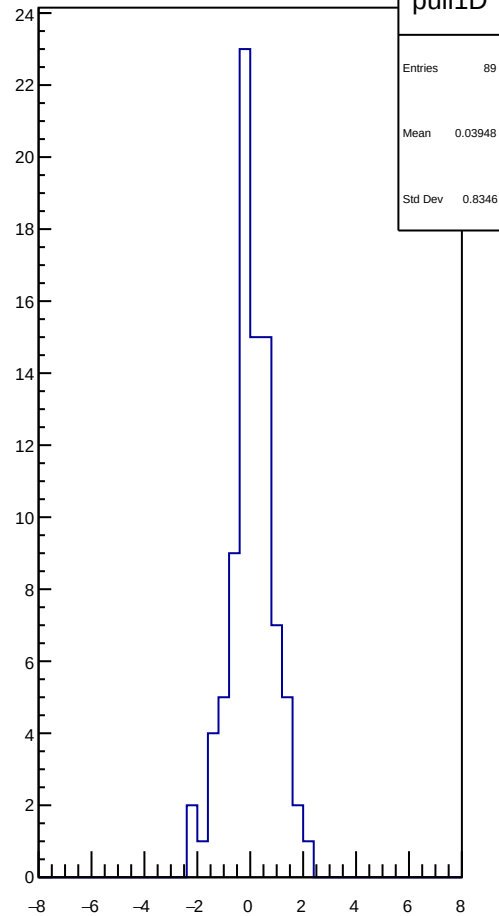
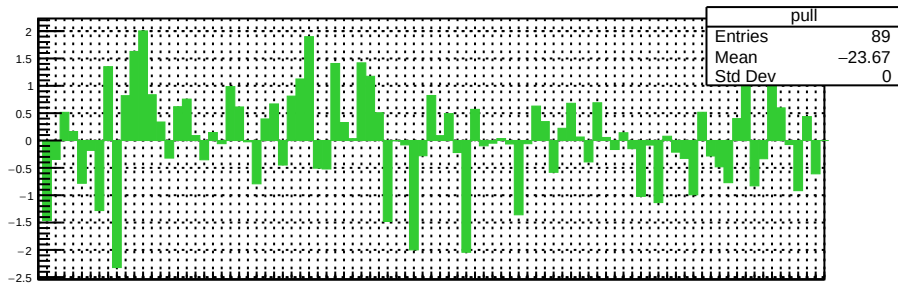
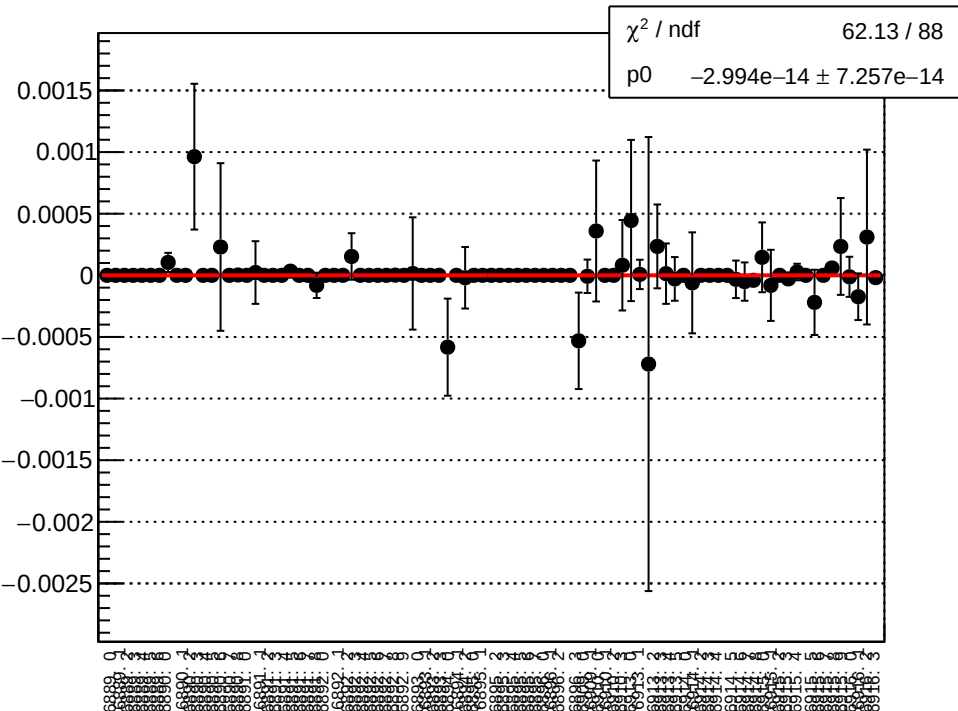
χ^2 / ndf

8506 / 88

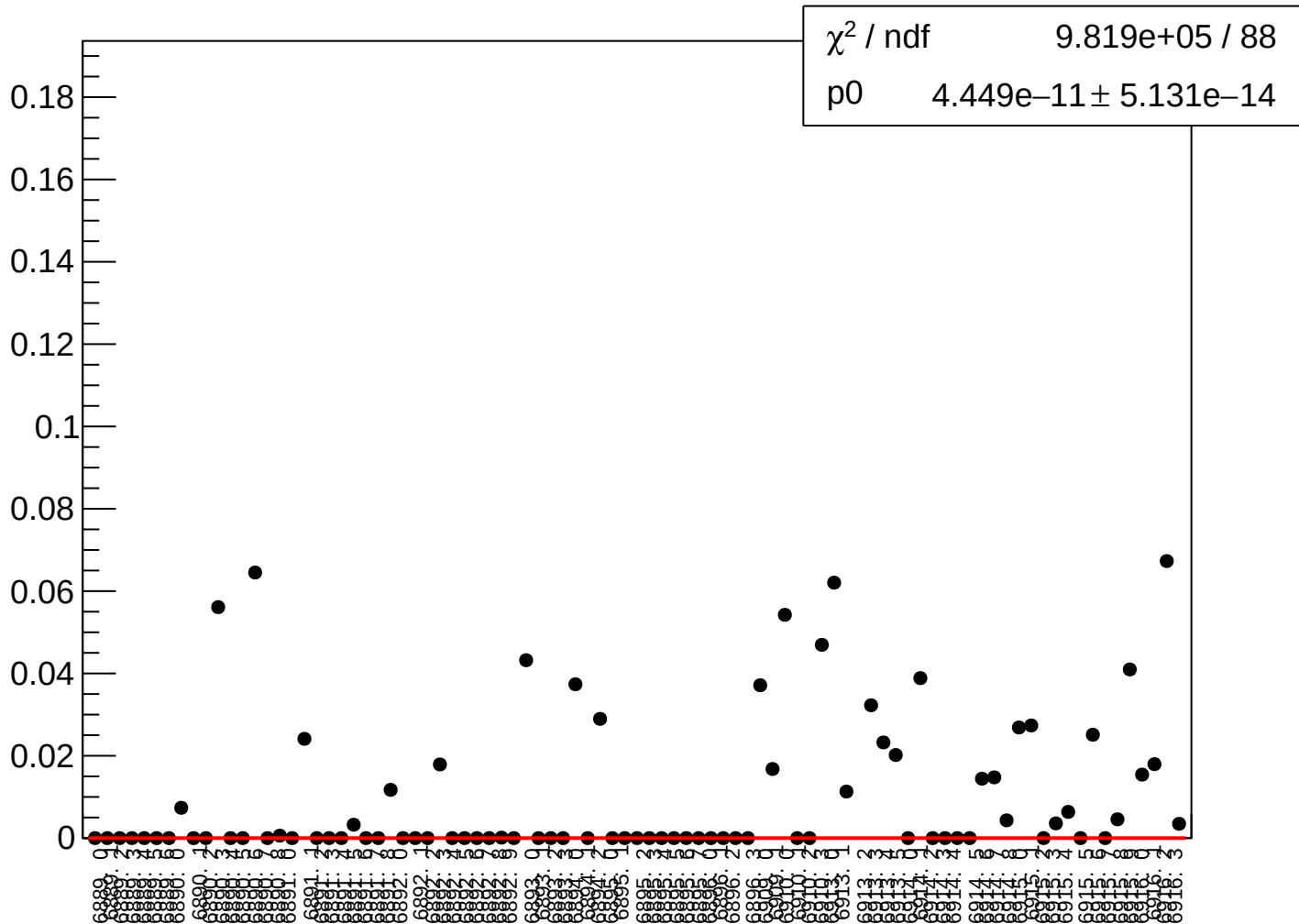
p0

$$1340 \pm 1.02$$


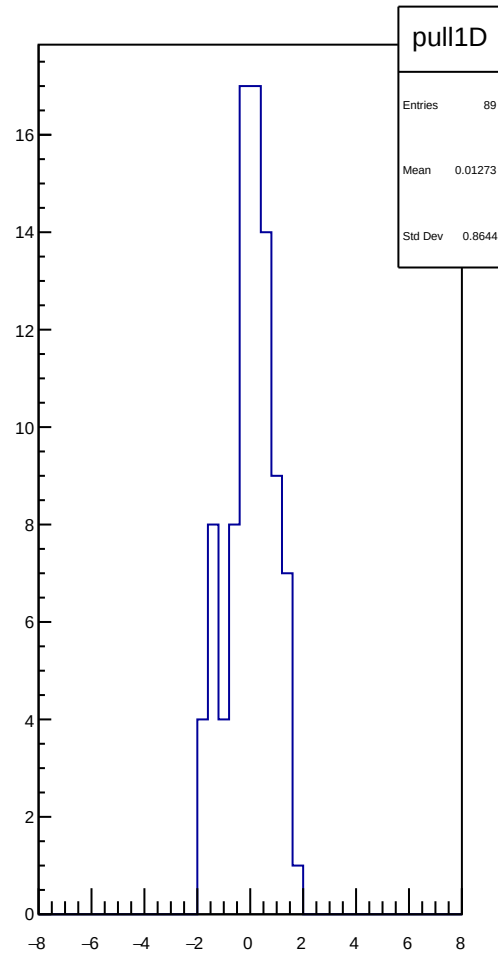
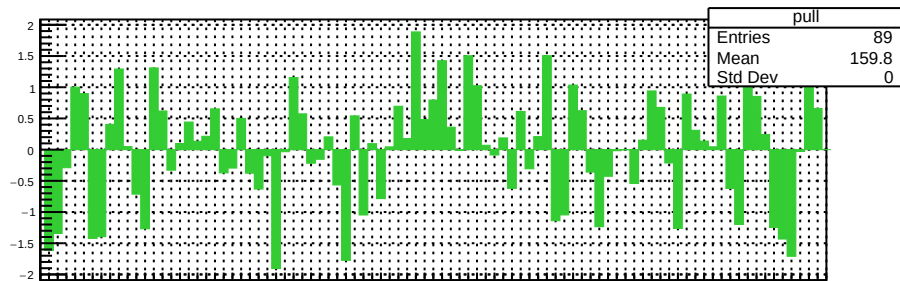
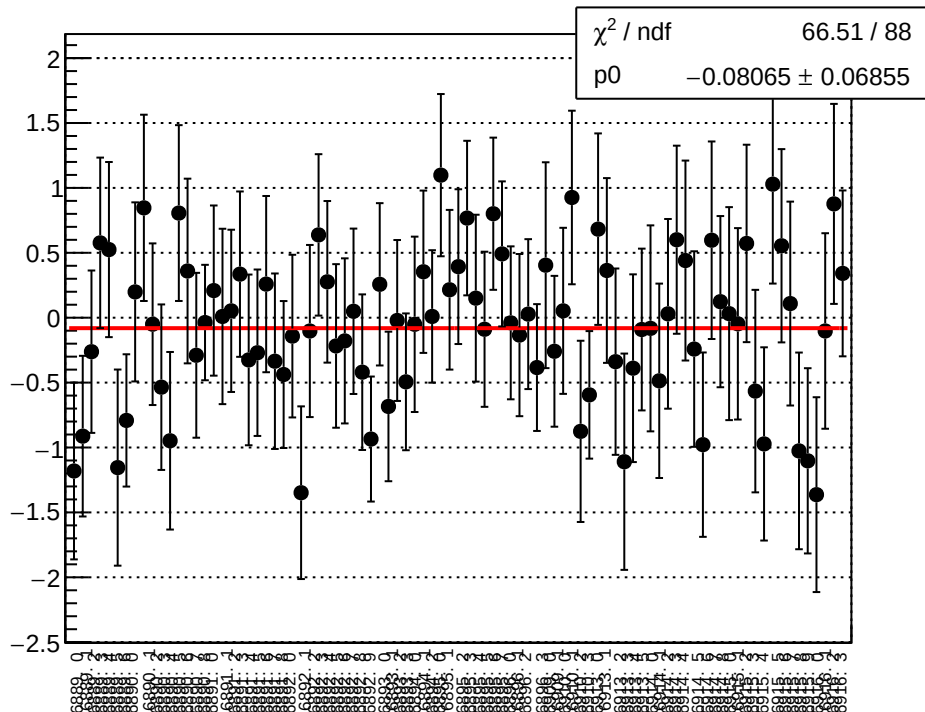
asym_sam_48_avg_reg_vs_cor_diff_mean vs run



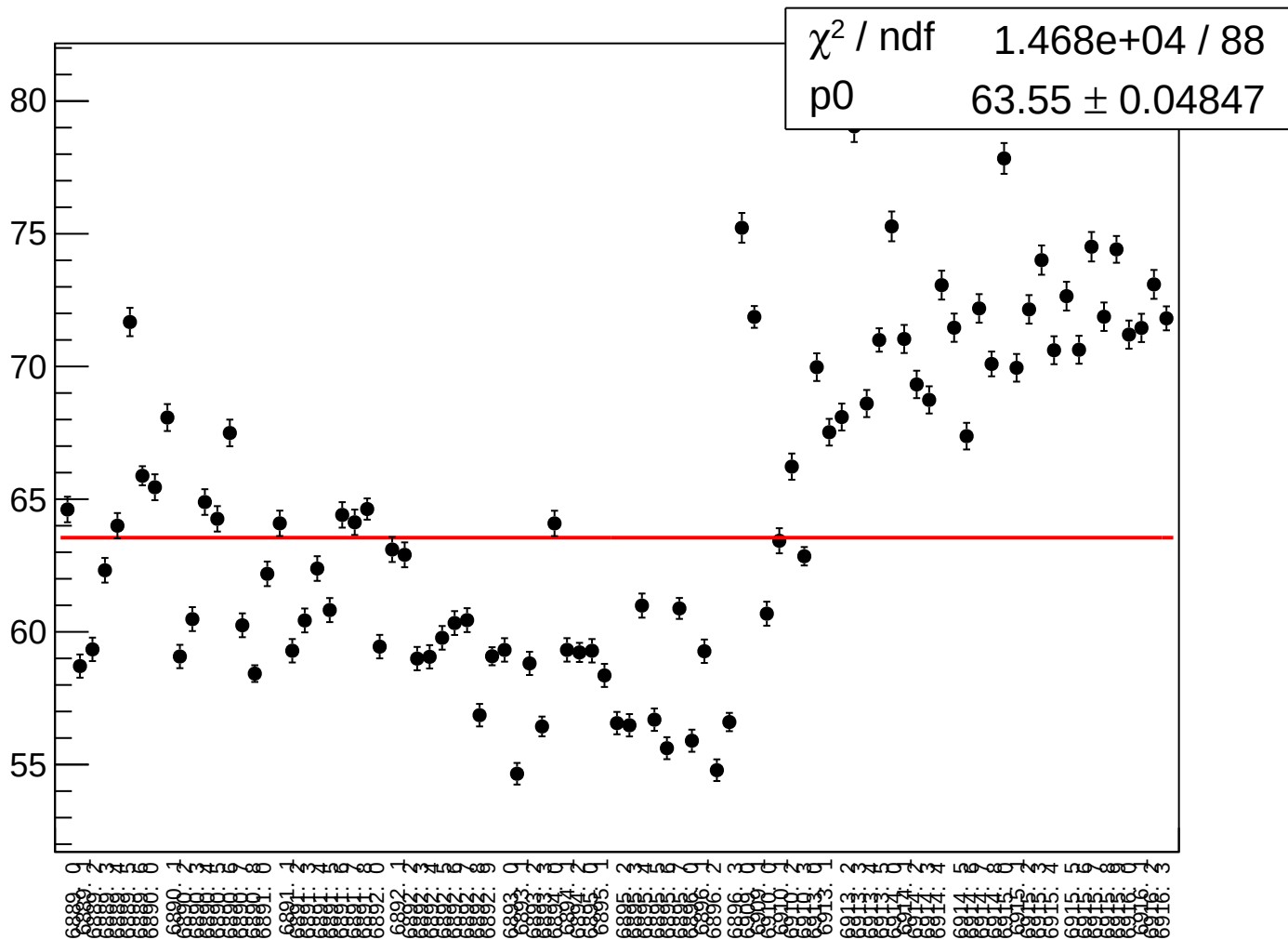
asym_sam_48_avg_reg_vs_cor_diff_rms vs run



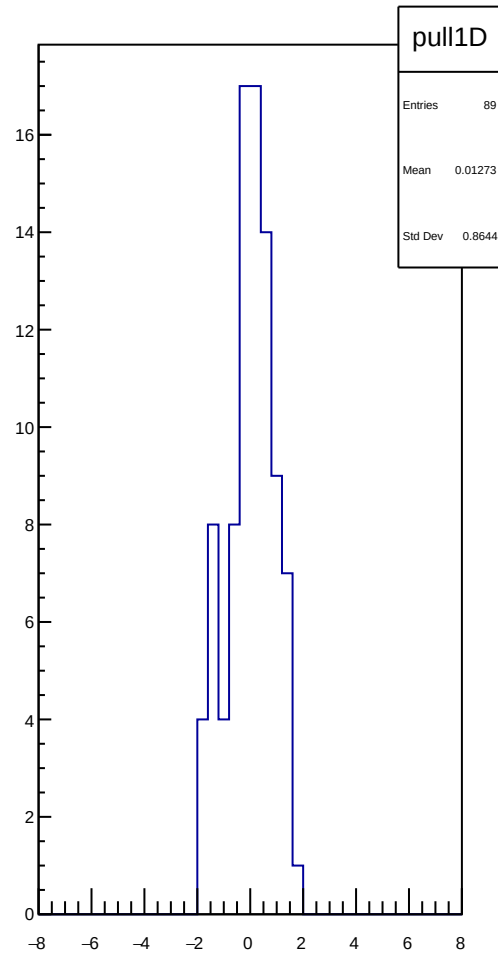
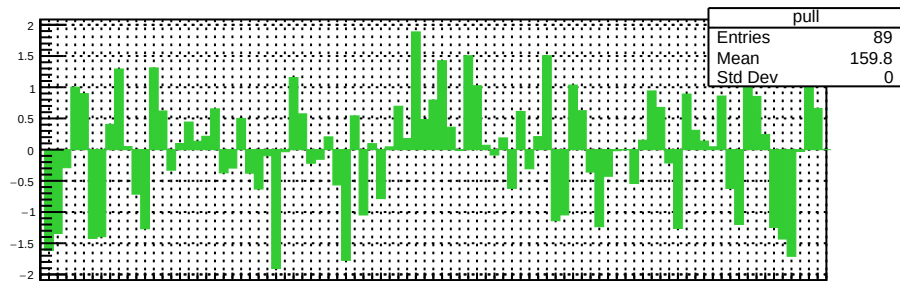
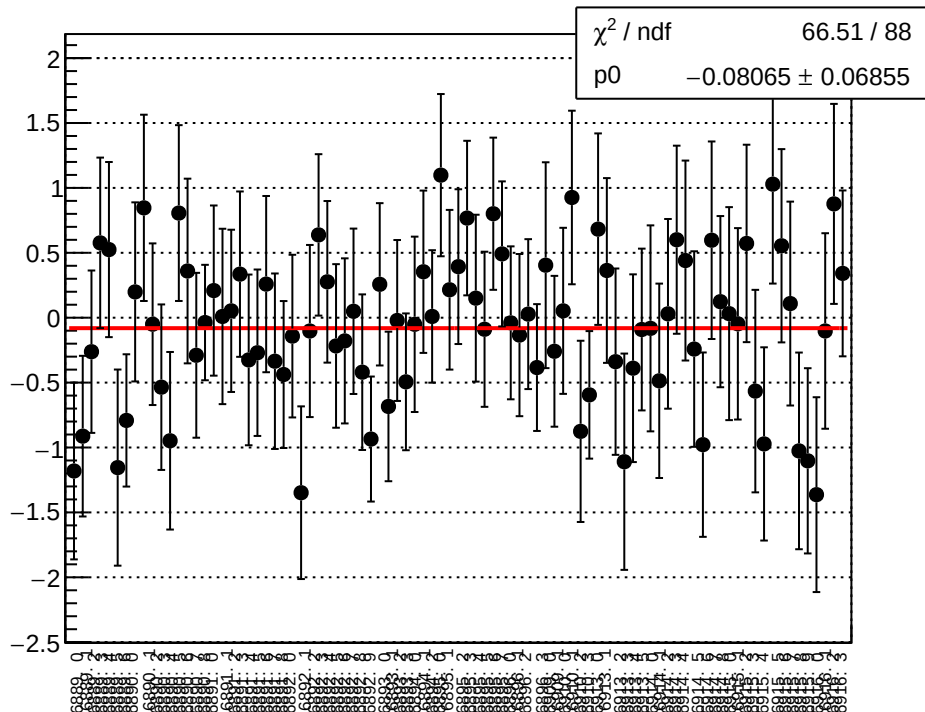
asym_sam_48_avg_dit_vs_cor_diff_mean vs run



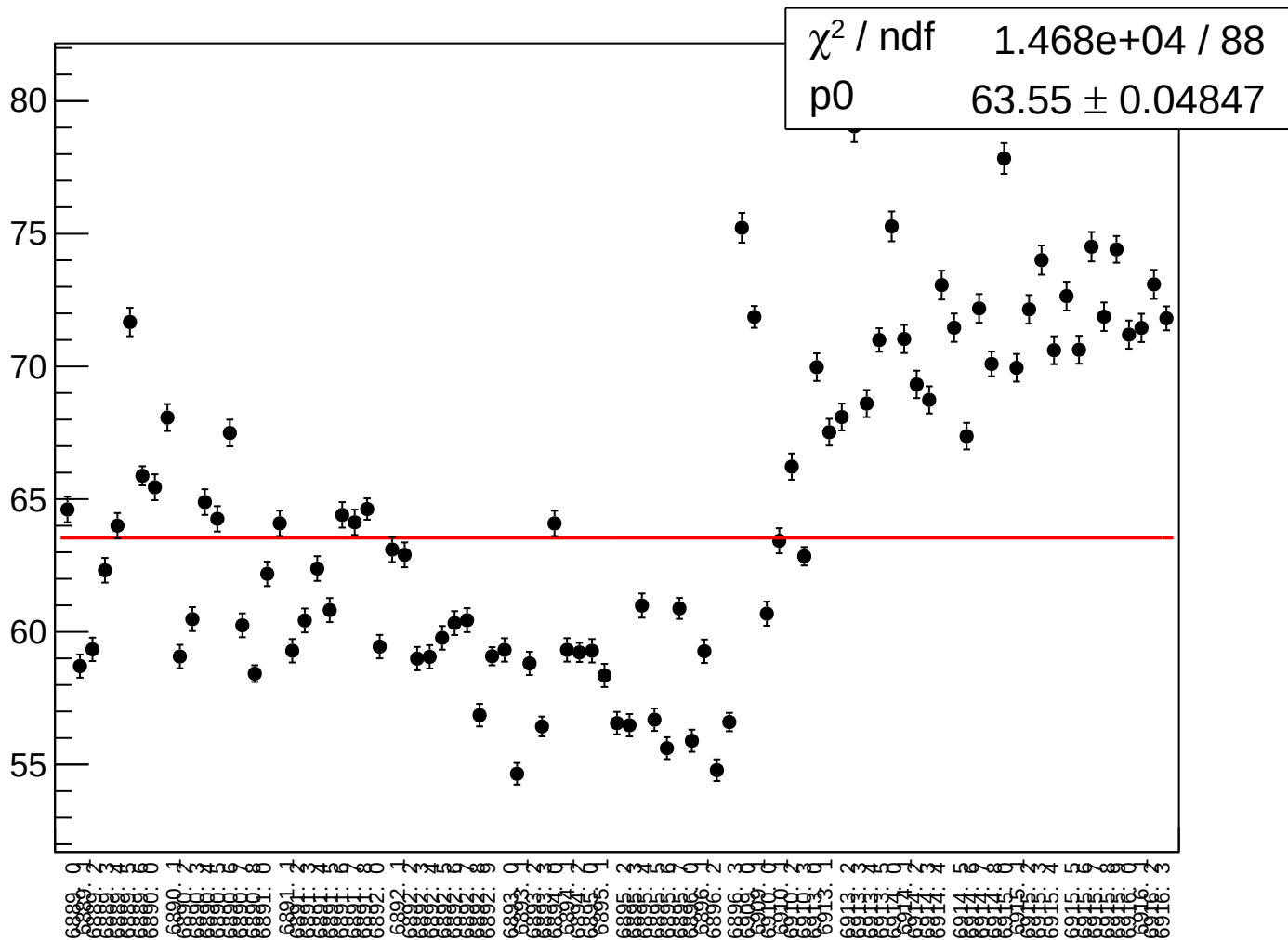
asym_sam_48_avg_dit_vs_cor_diff_rms vs run



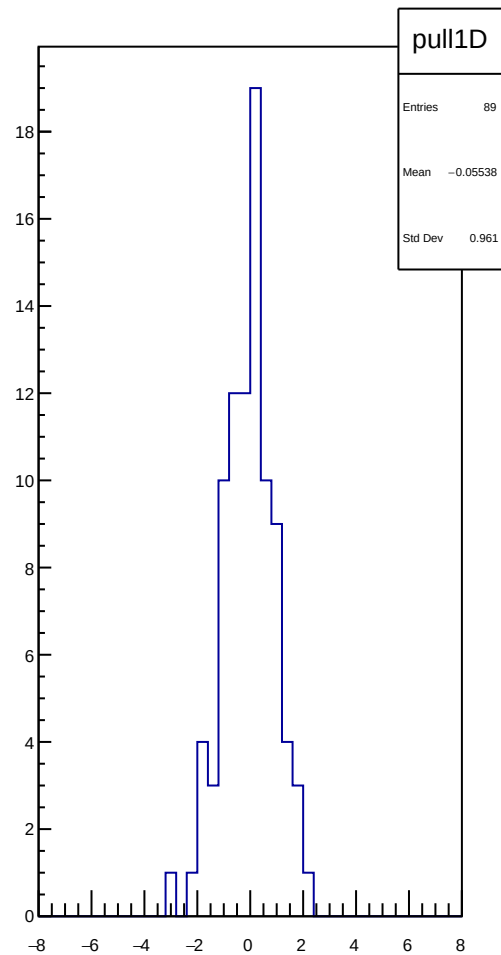
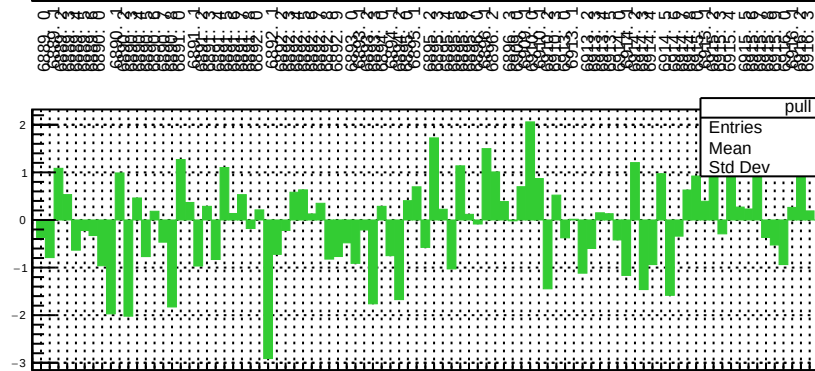
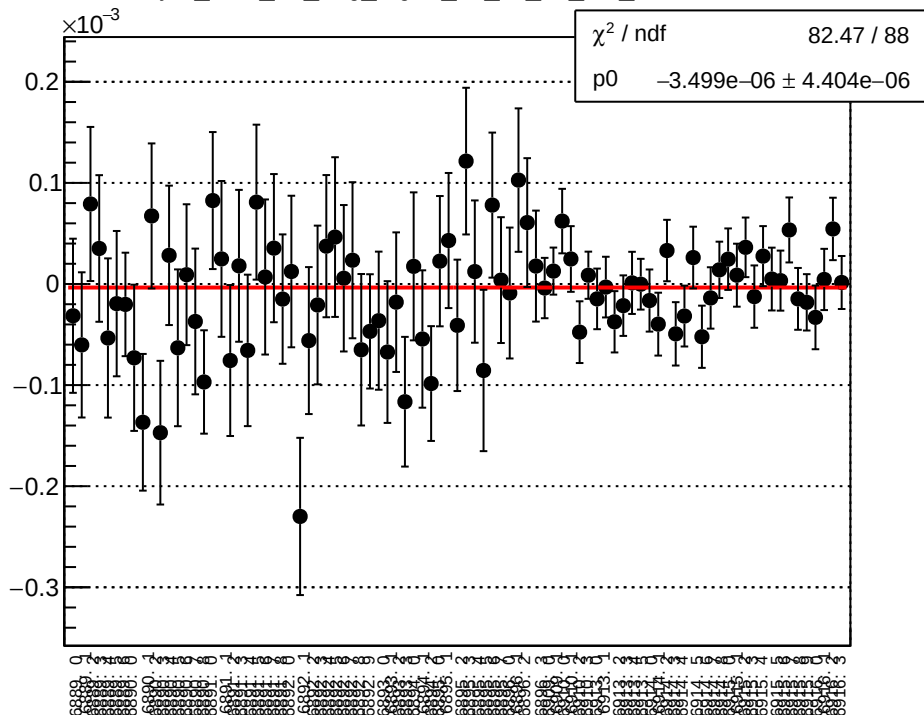
asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs run



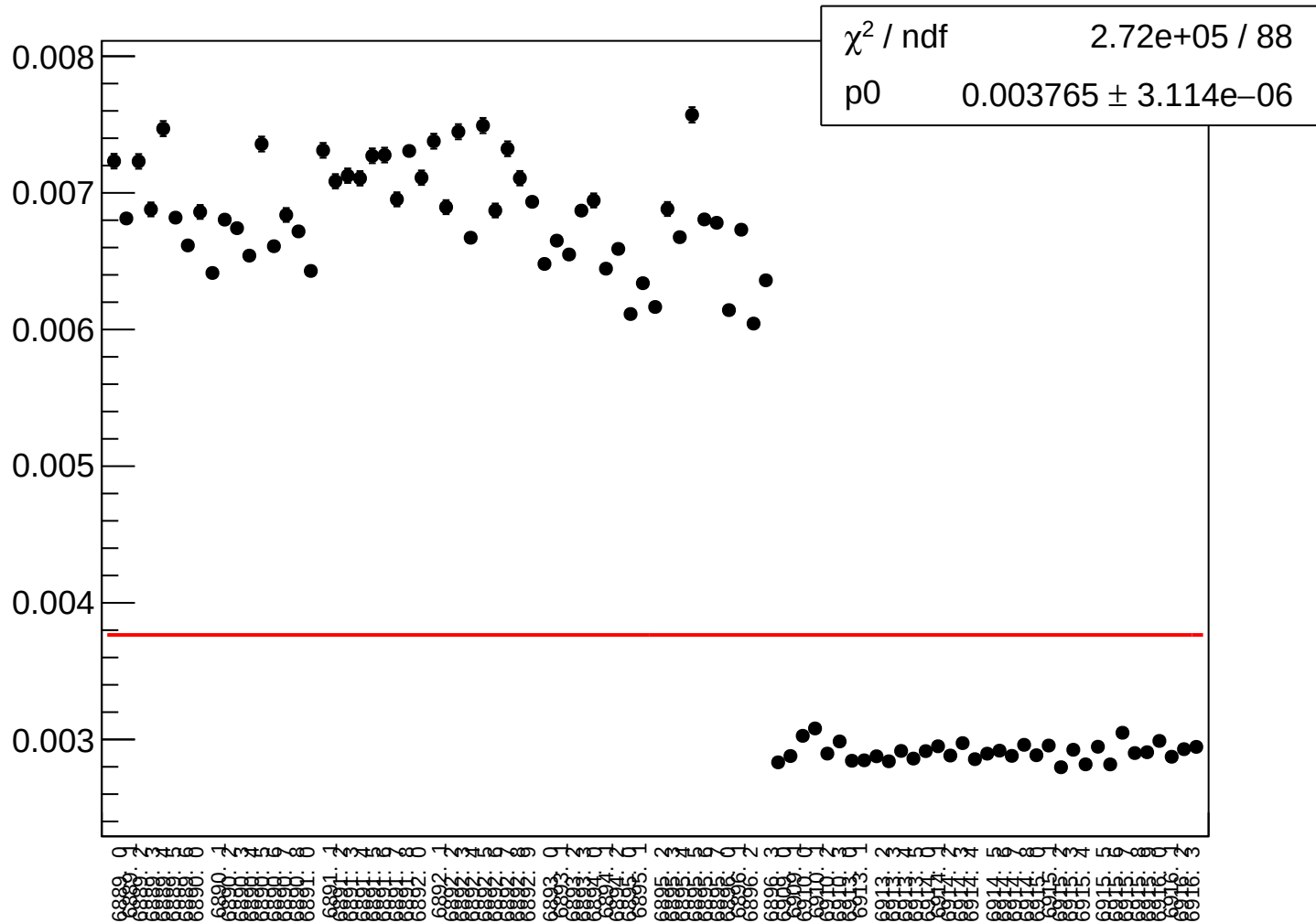
asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs run



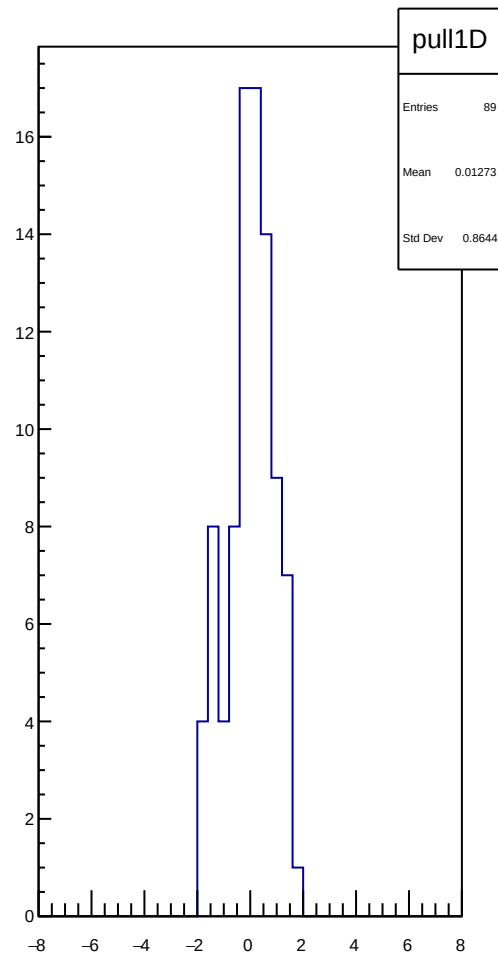
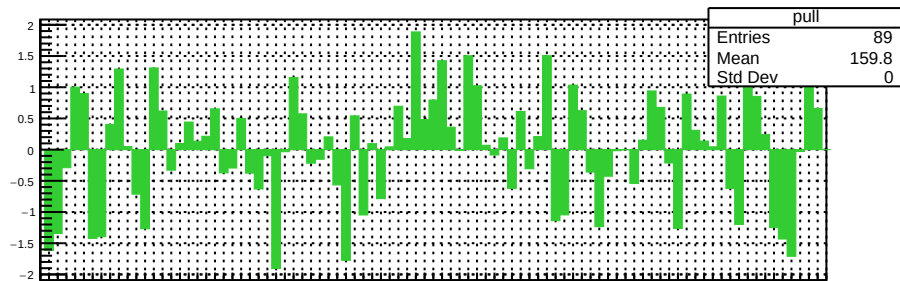
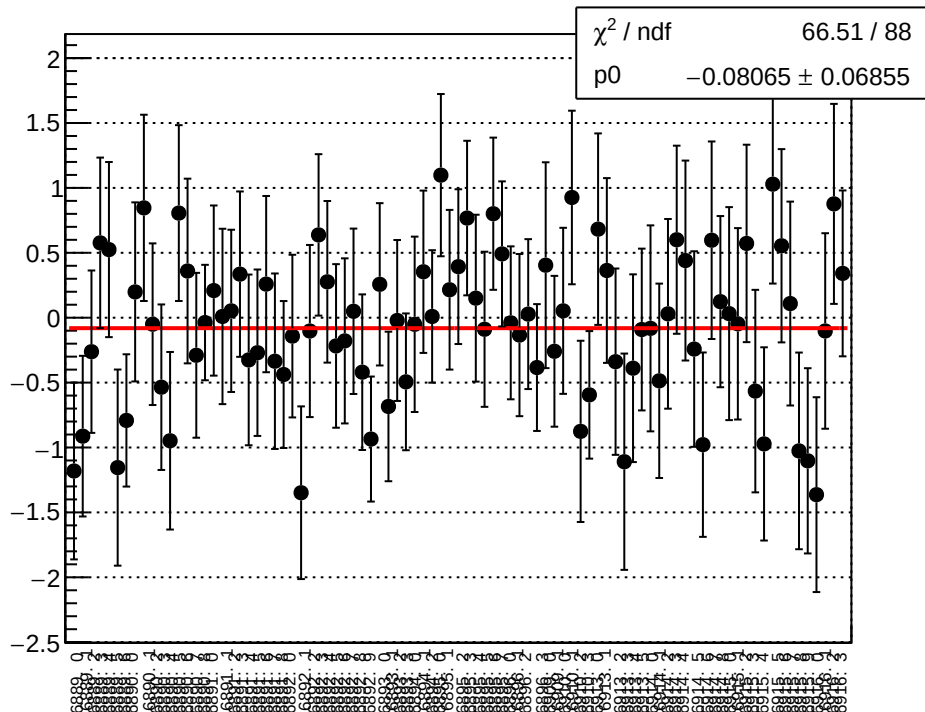
asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs run



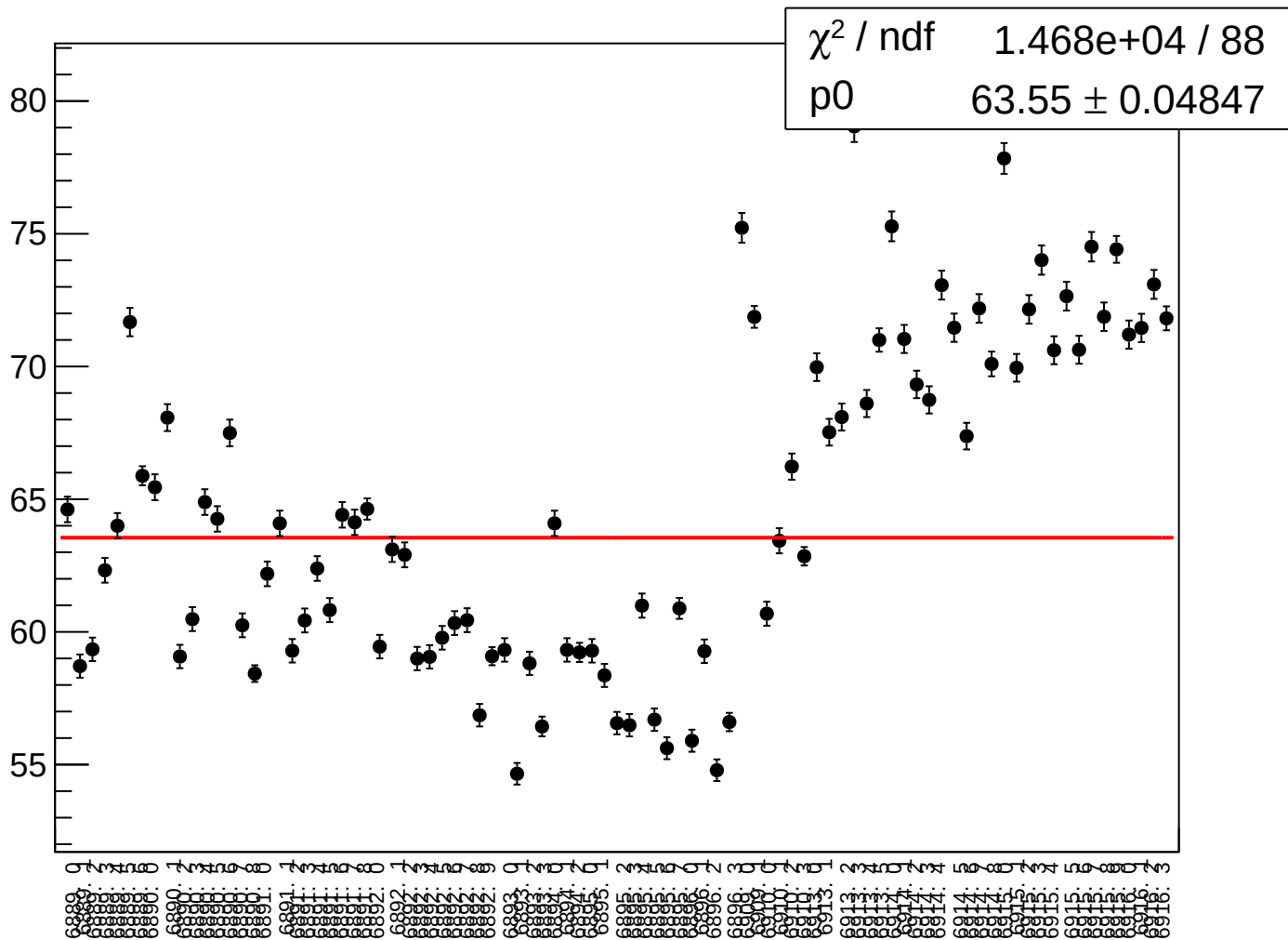
asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs run



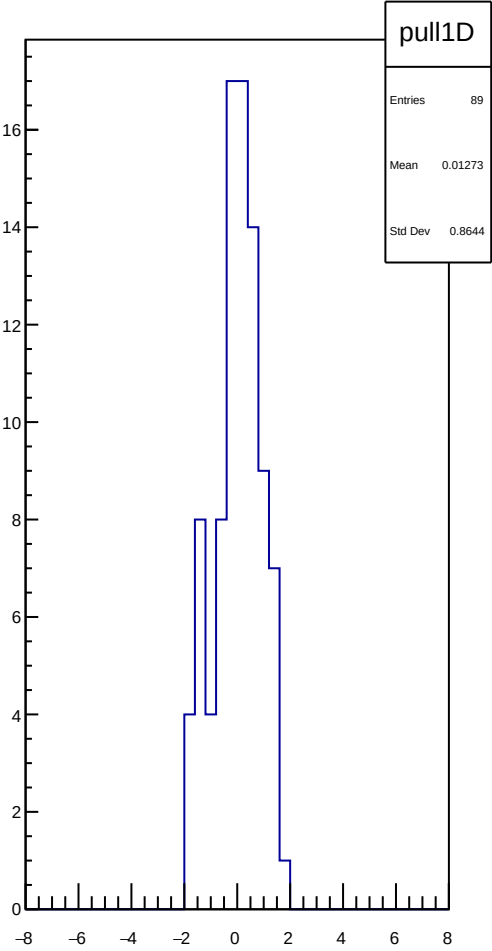
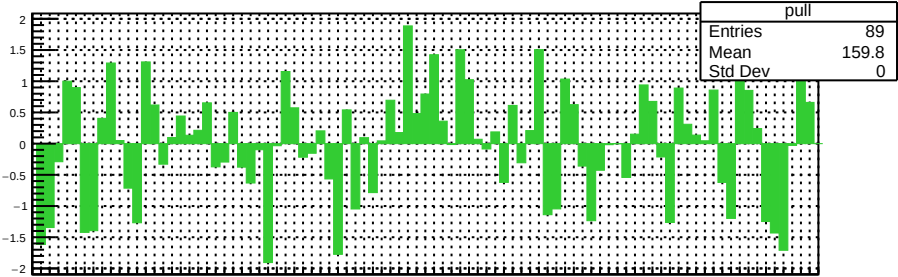
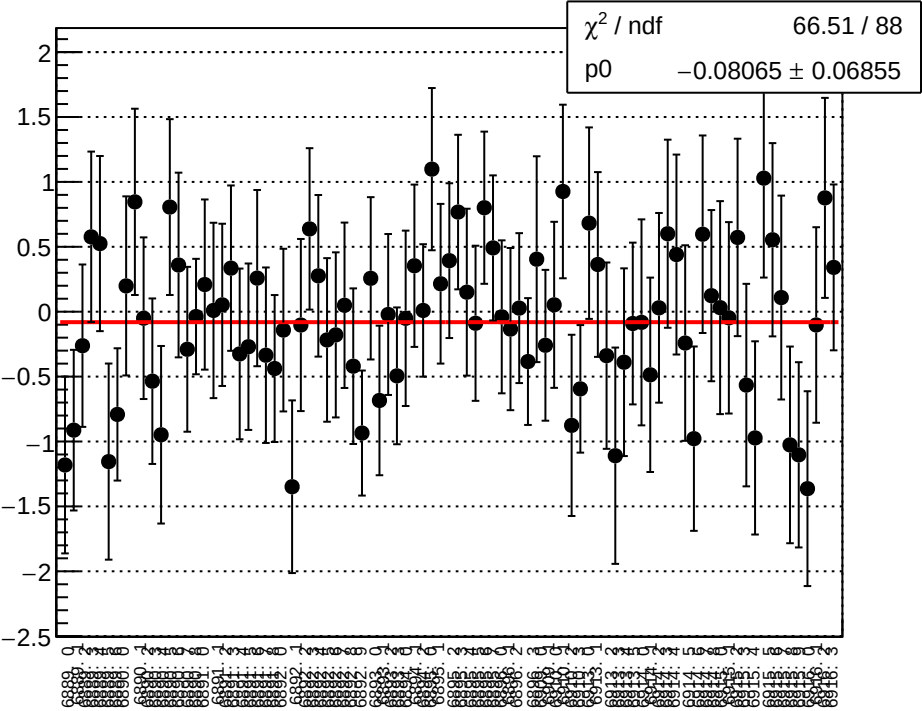
asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs run



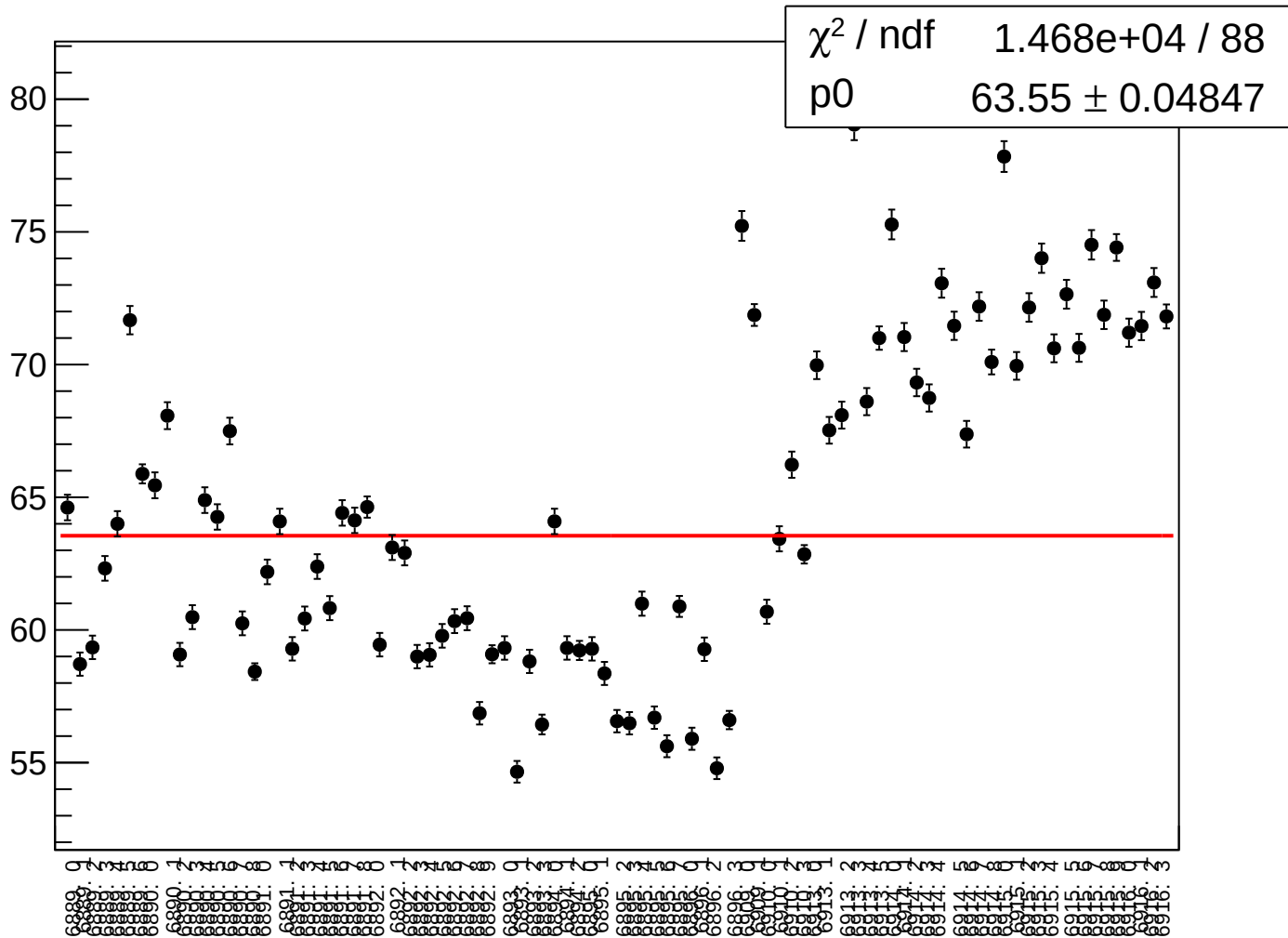
asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs run



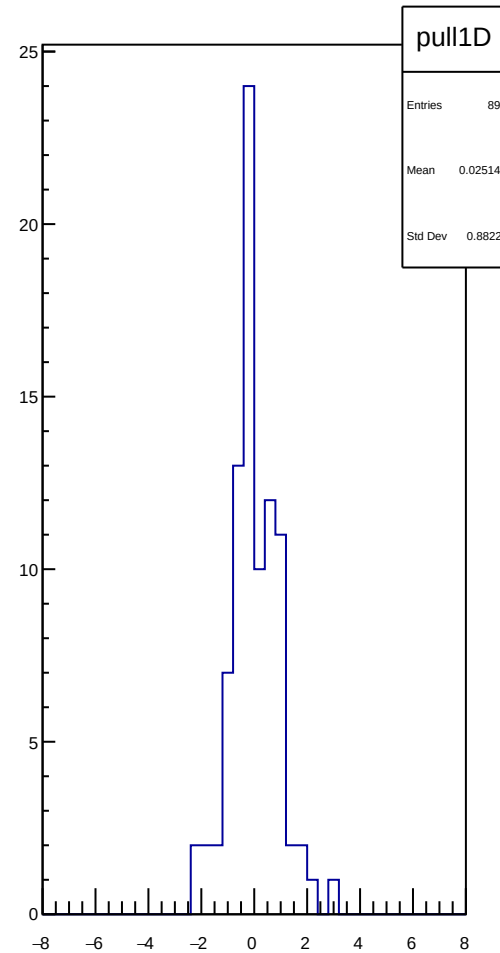
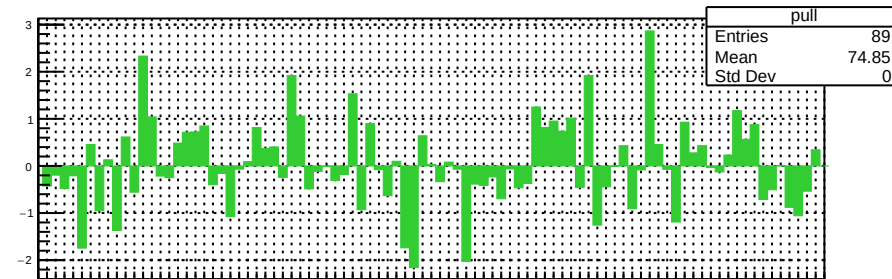
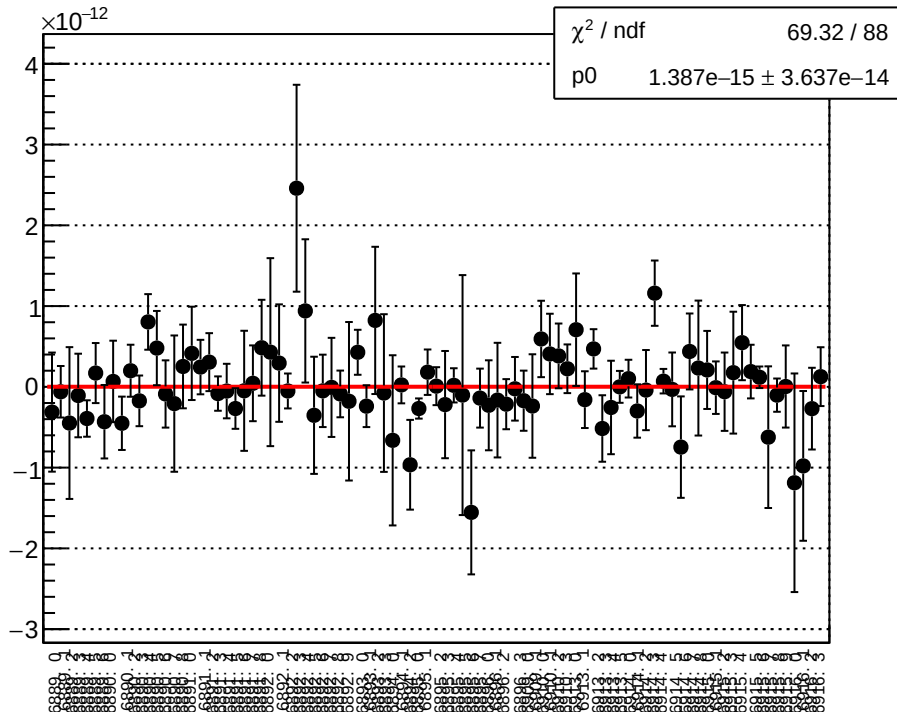
asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs run



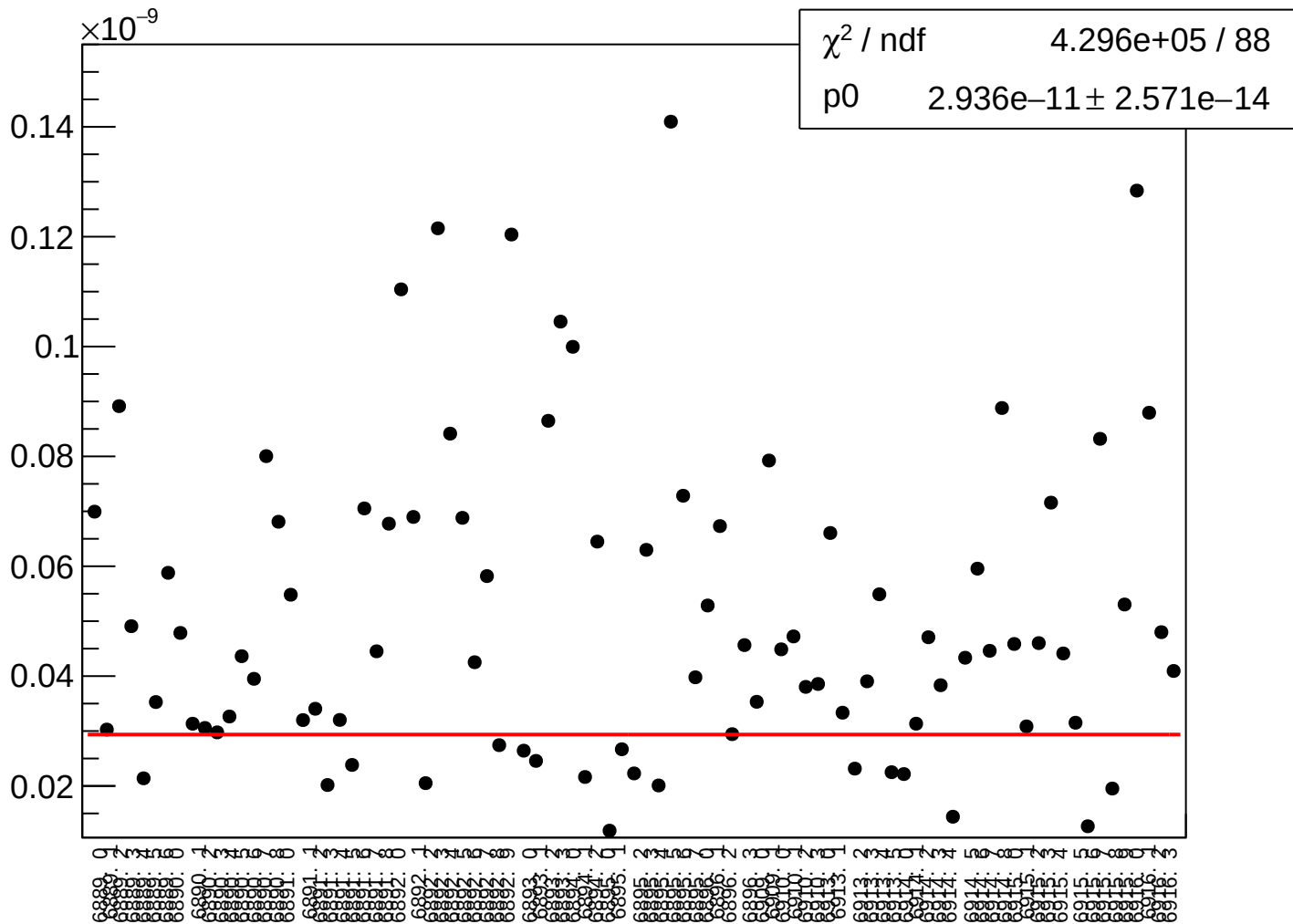
asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



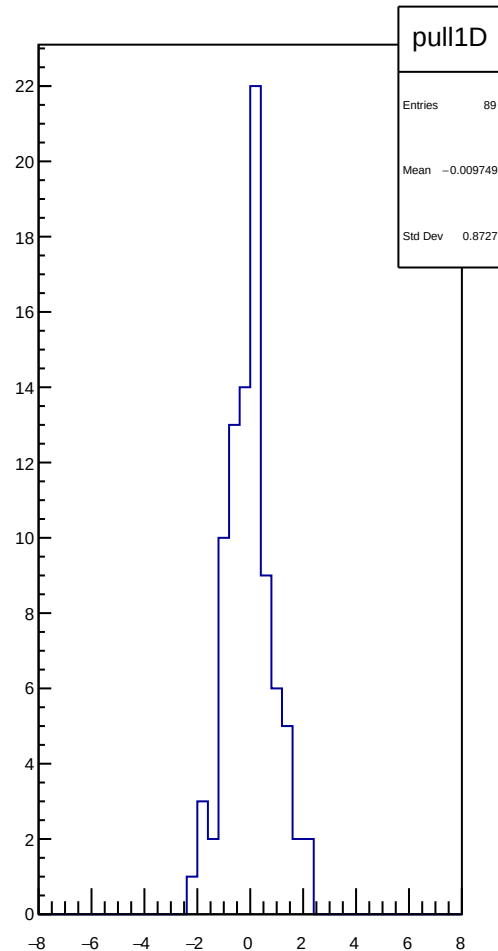
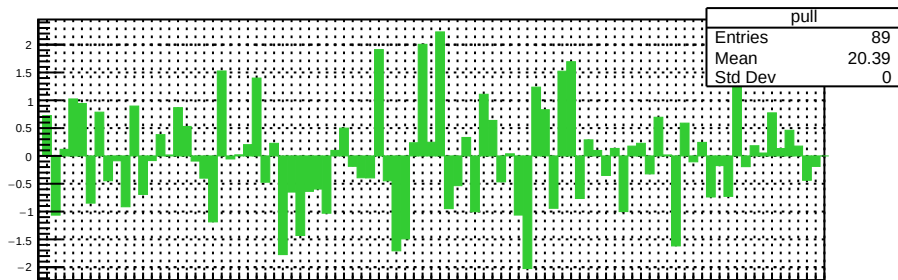
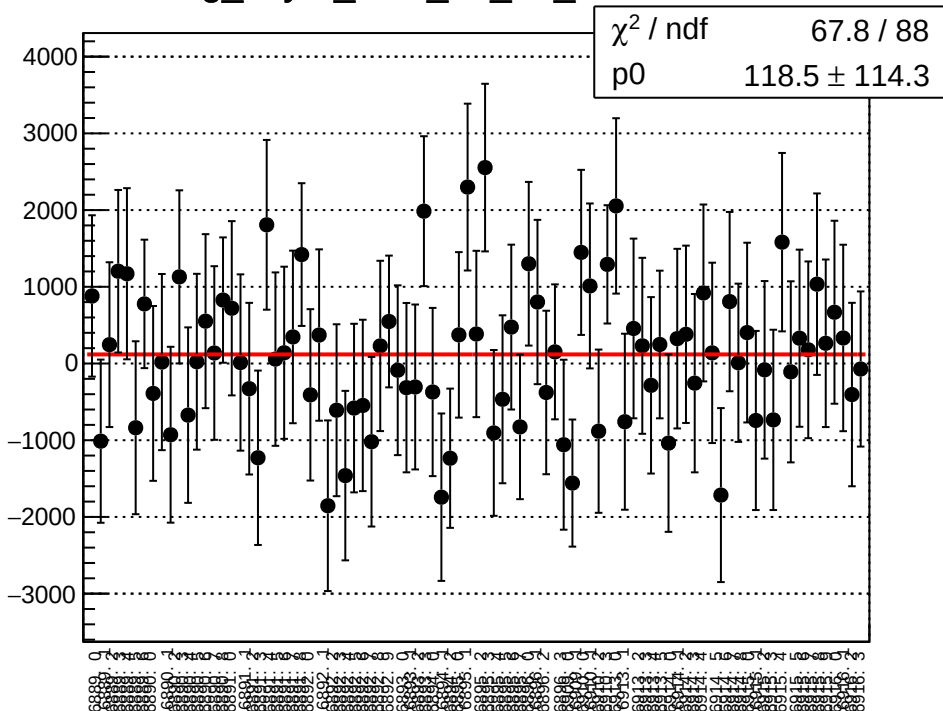
asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs run



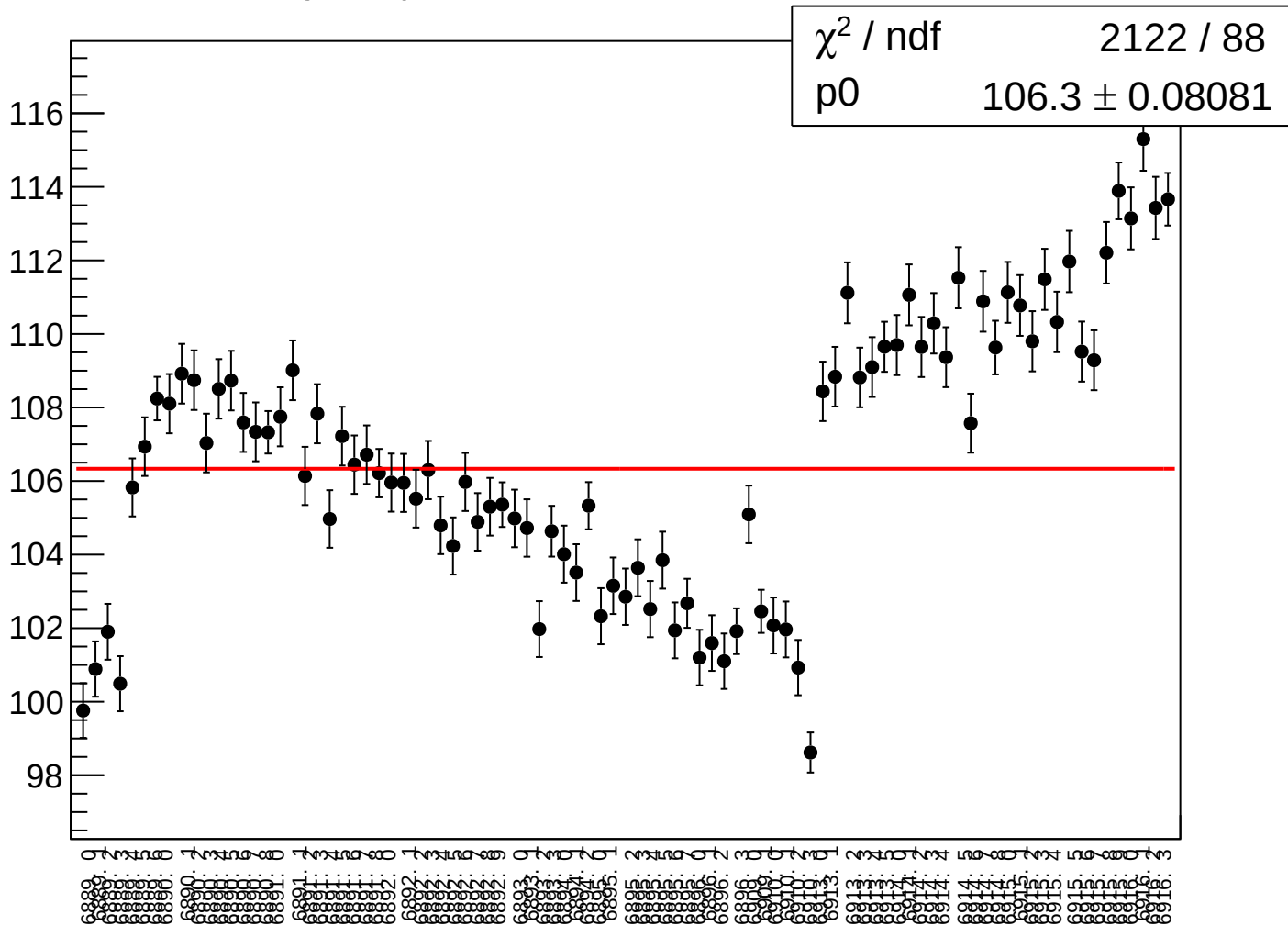
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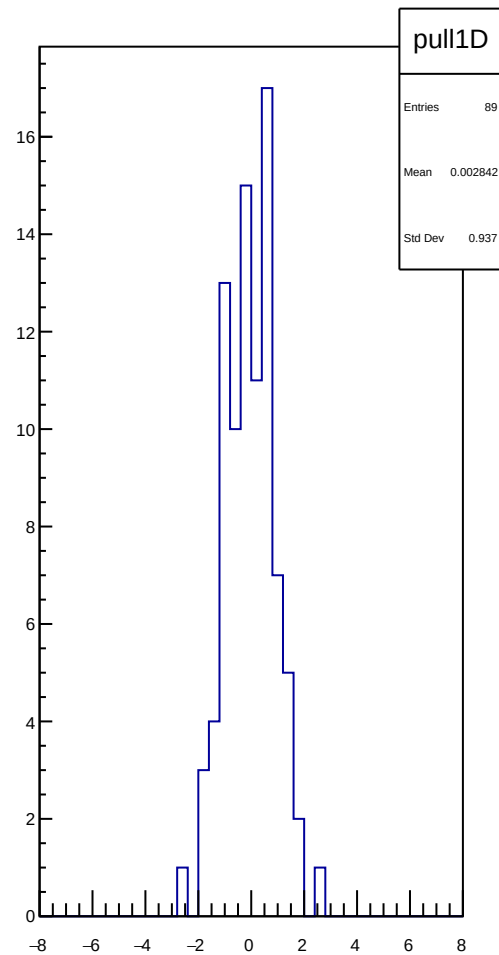
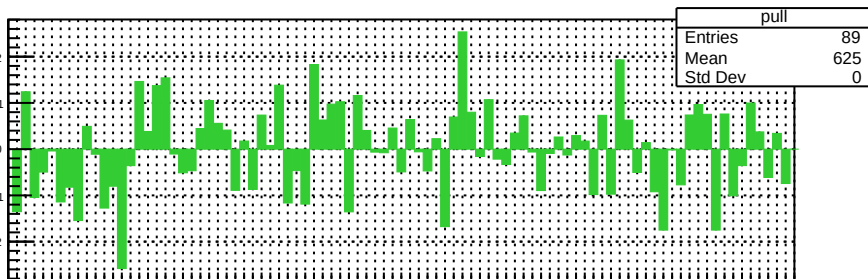
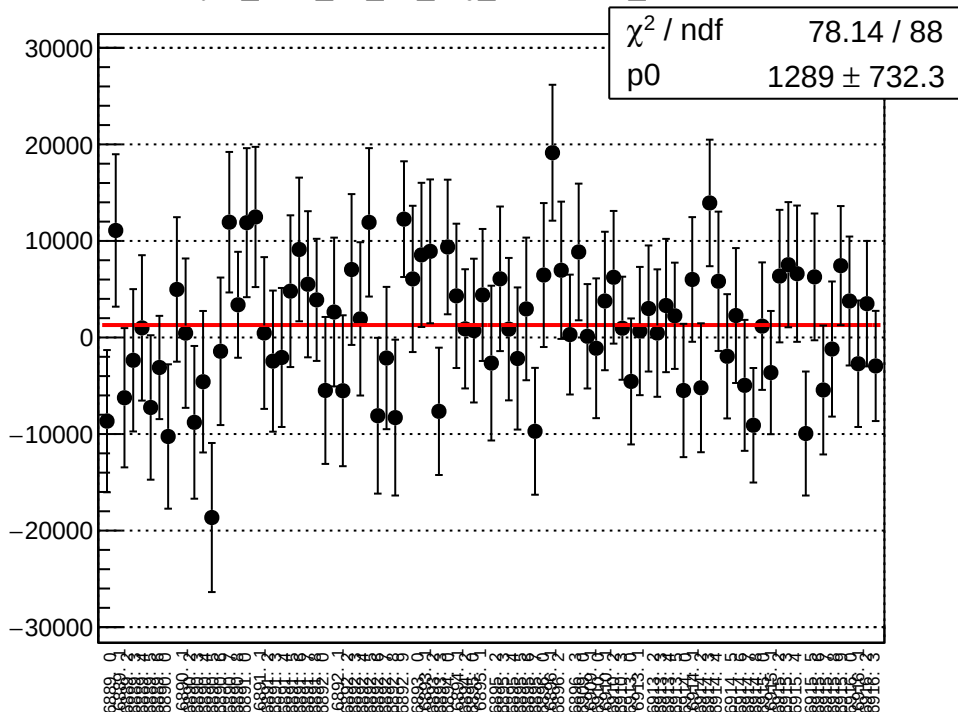
reg_asym_sam_15_dd_mean vs run



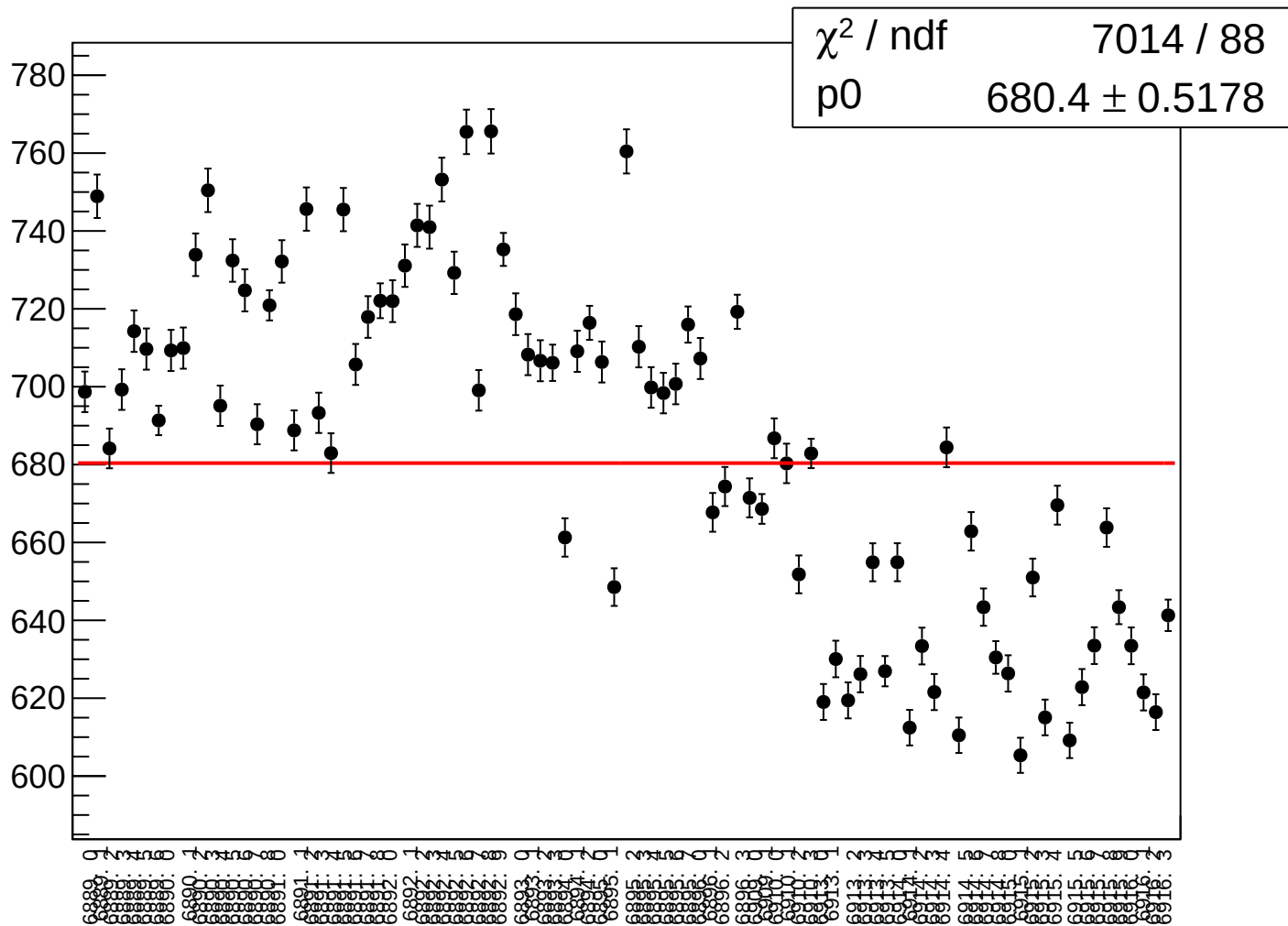
reg_asym_sam_15_dd_rms vs run



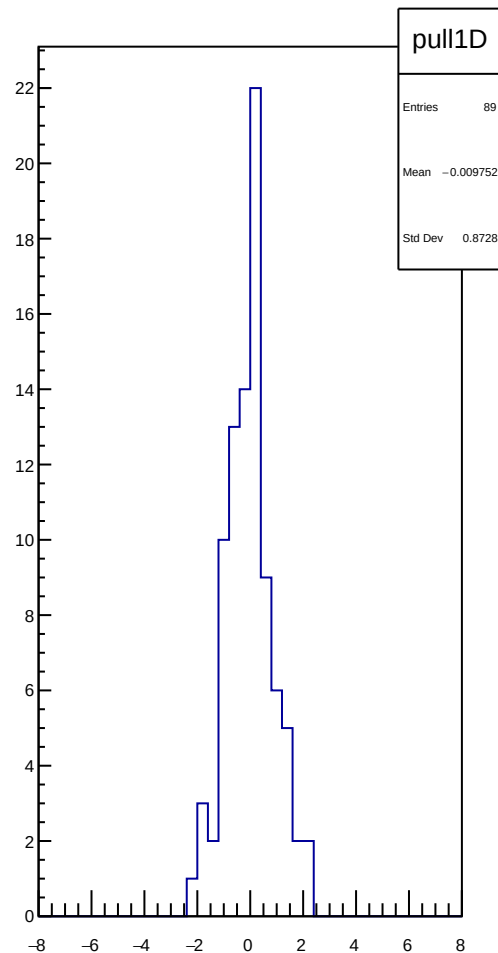
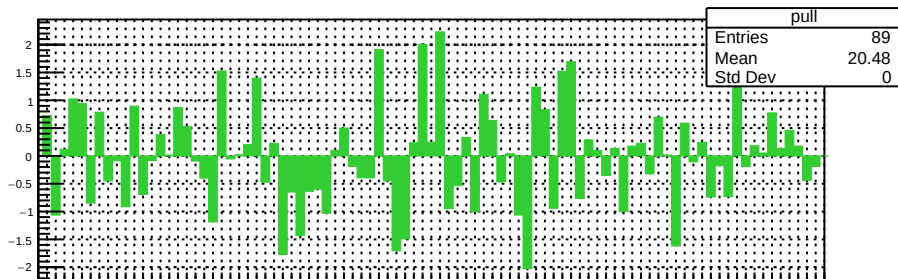
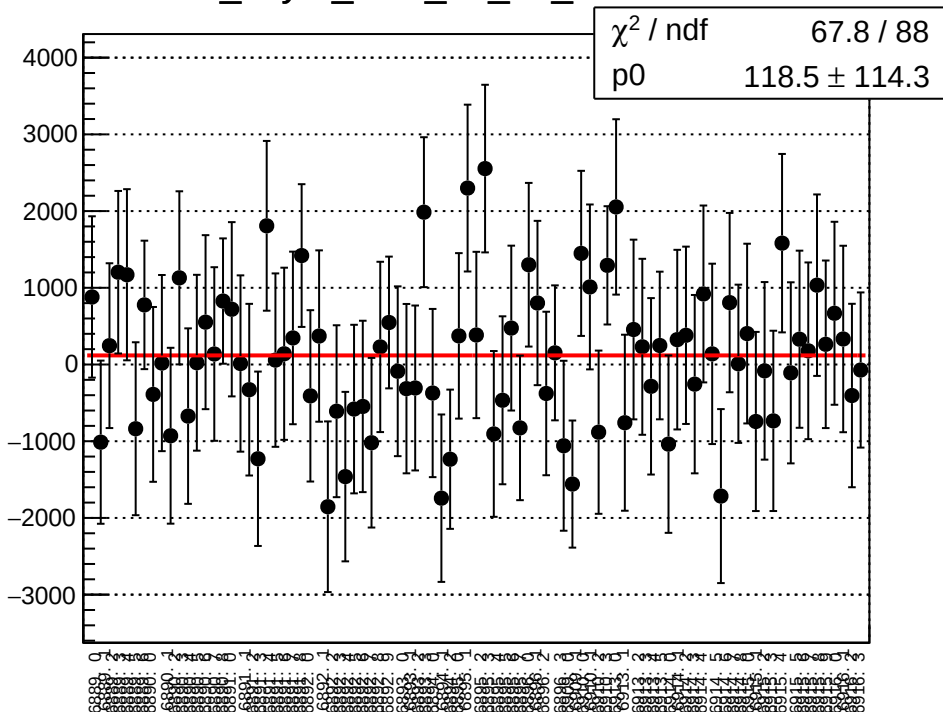
asym_sam_15_dd_reg_correction_mean vs run



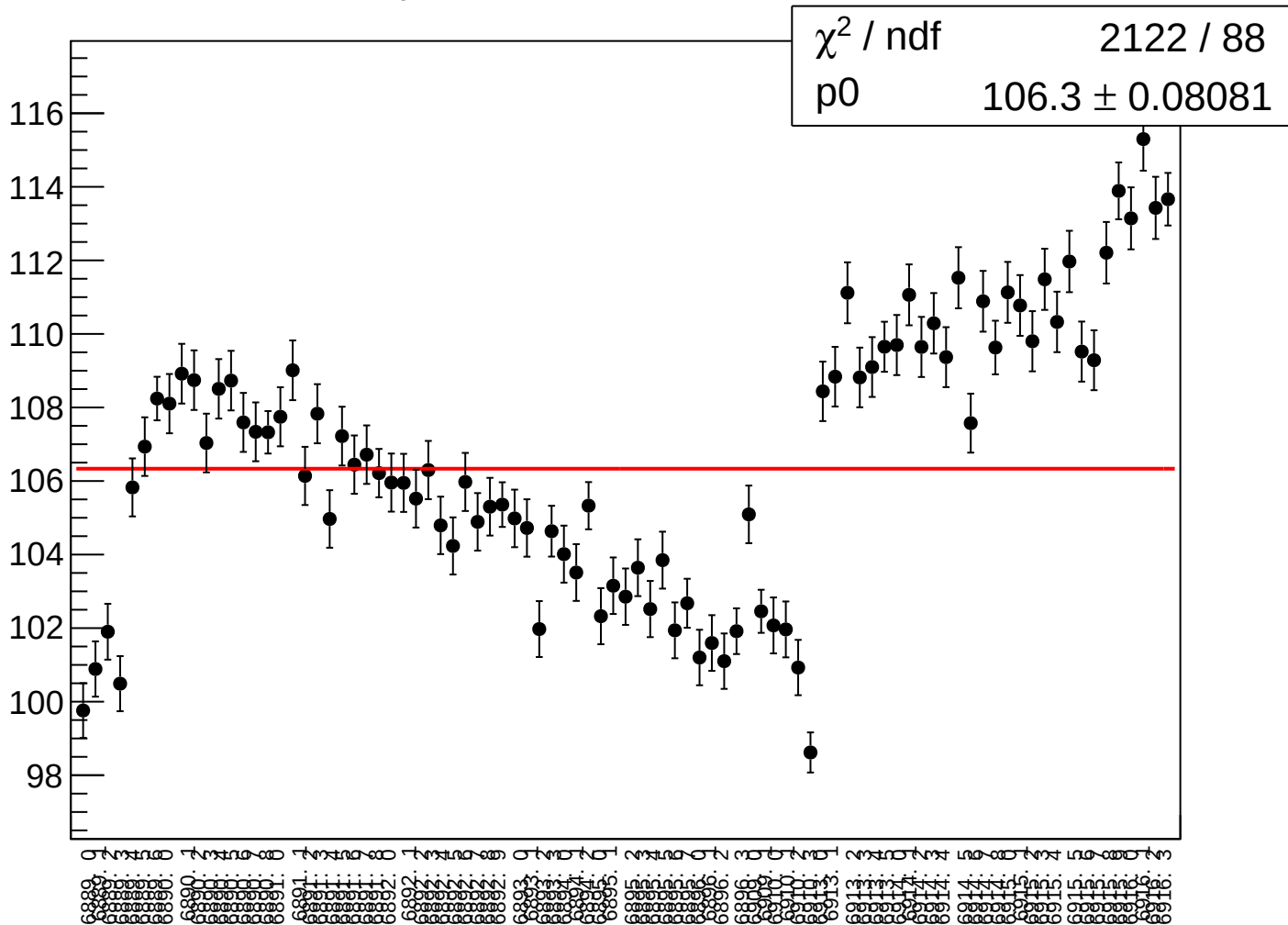
asym_sam_15_dd_reg_correction_rms vs run



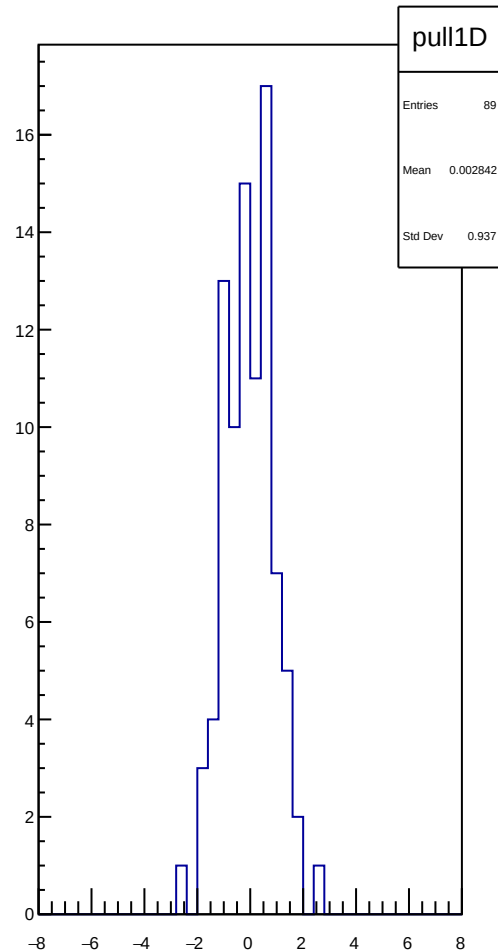
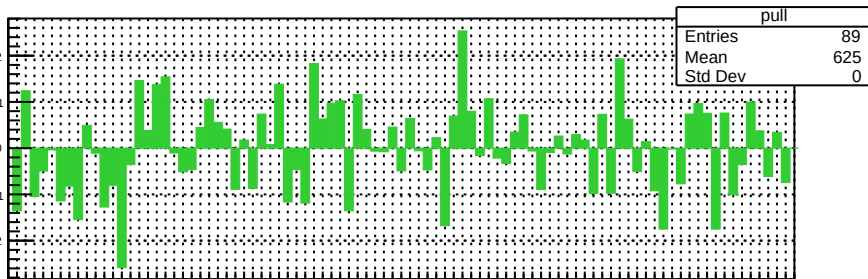
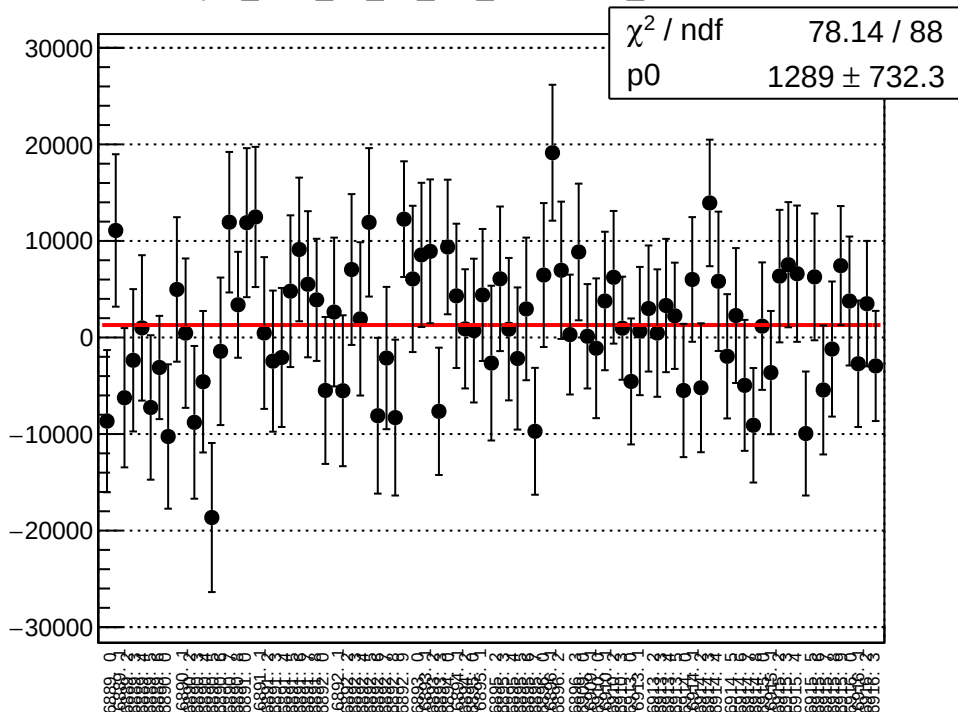
cor_asym_sam_15_dd_mean vs run



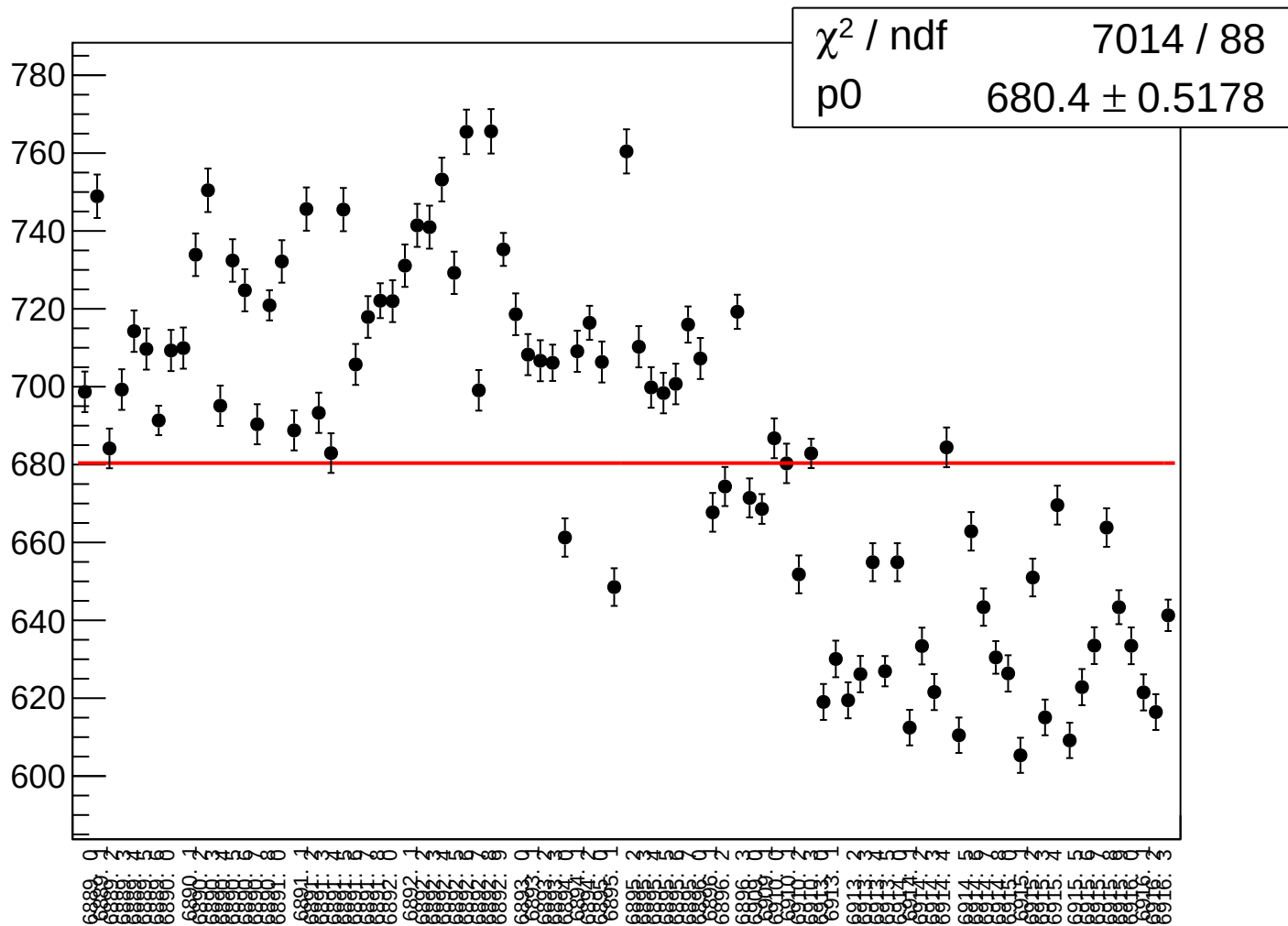
cor_asym_sam_15_dd_rms vs run



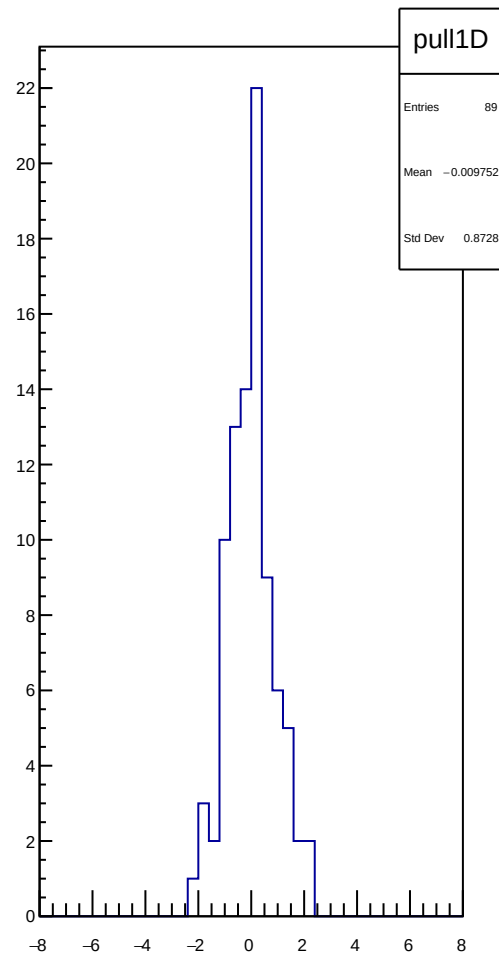
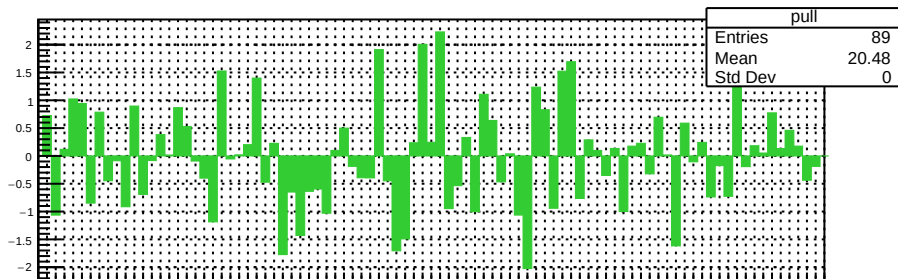
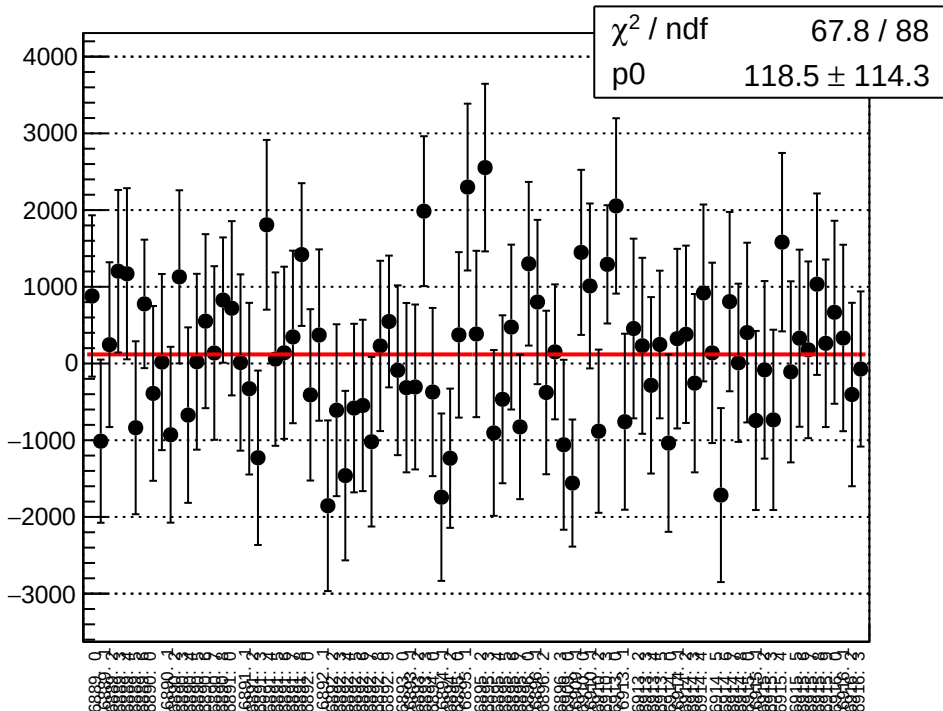
asym_sam_15_dd_cor_correction_mean vs run



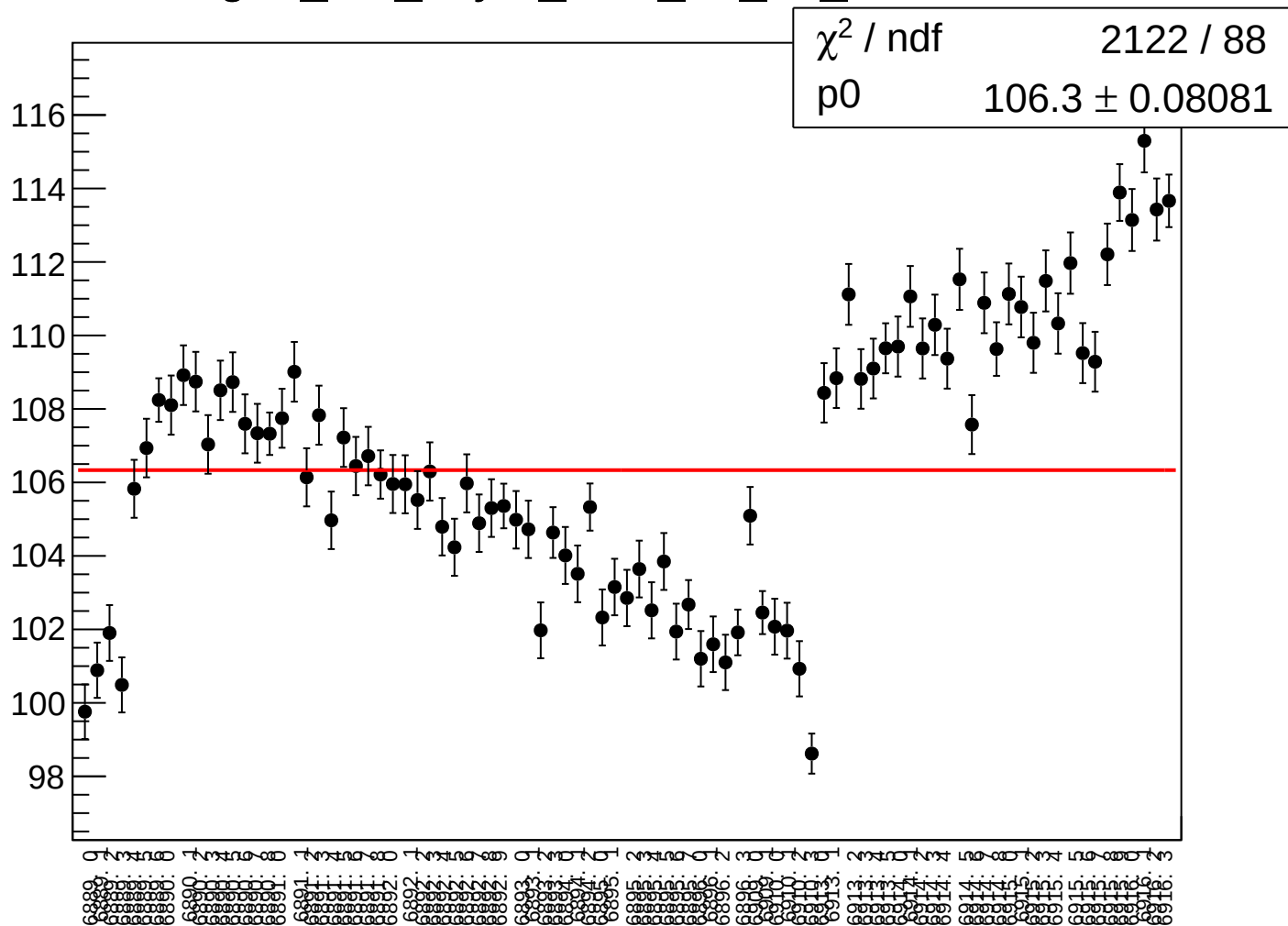
asym_sam_15_dd_cor_correction_rms vs run



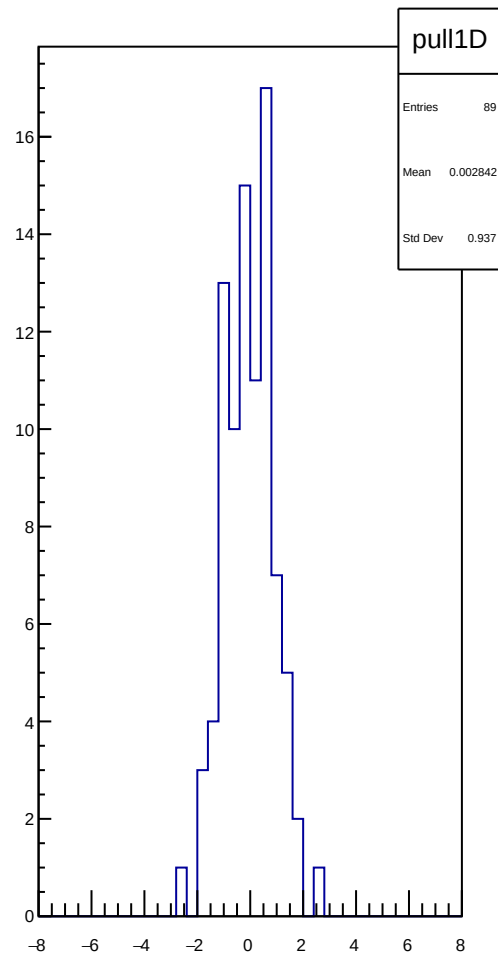
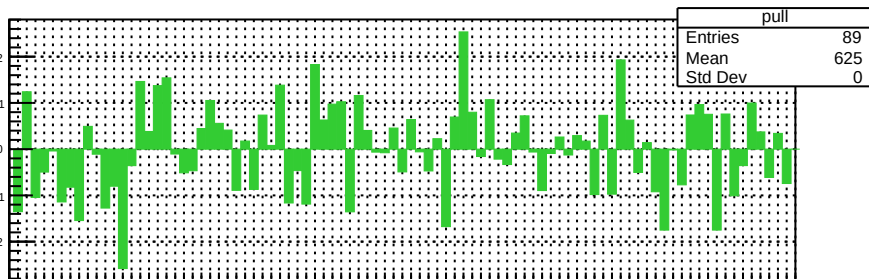
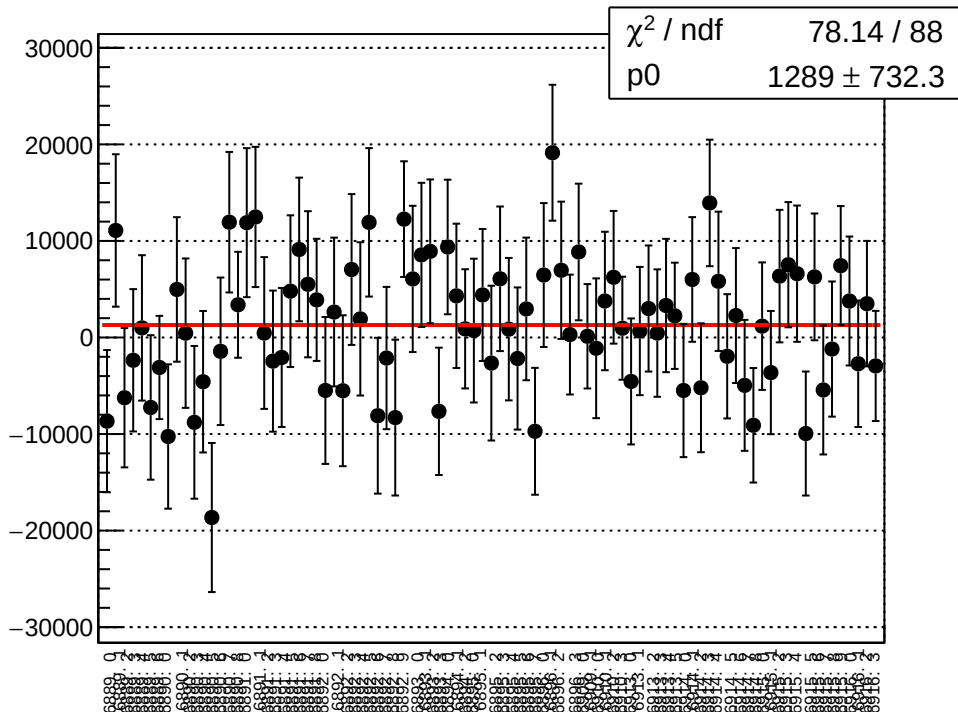
eigen_cor_asym_sam_15_dd_mean vs run



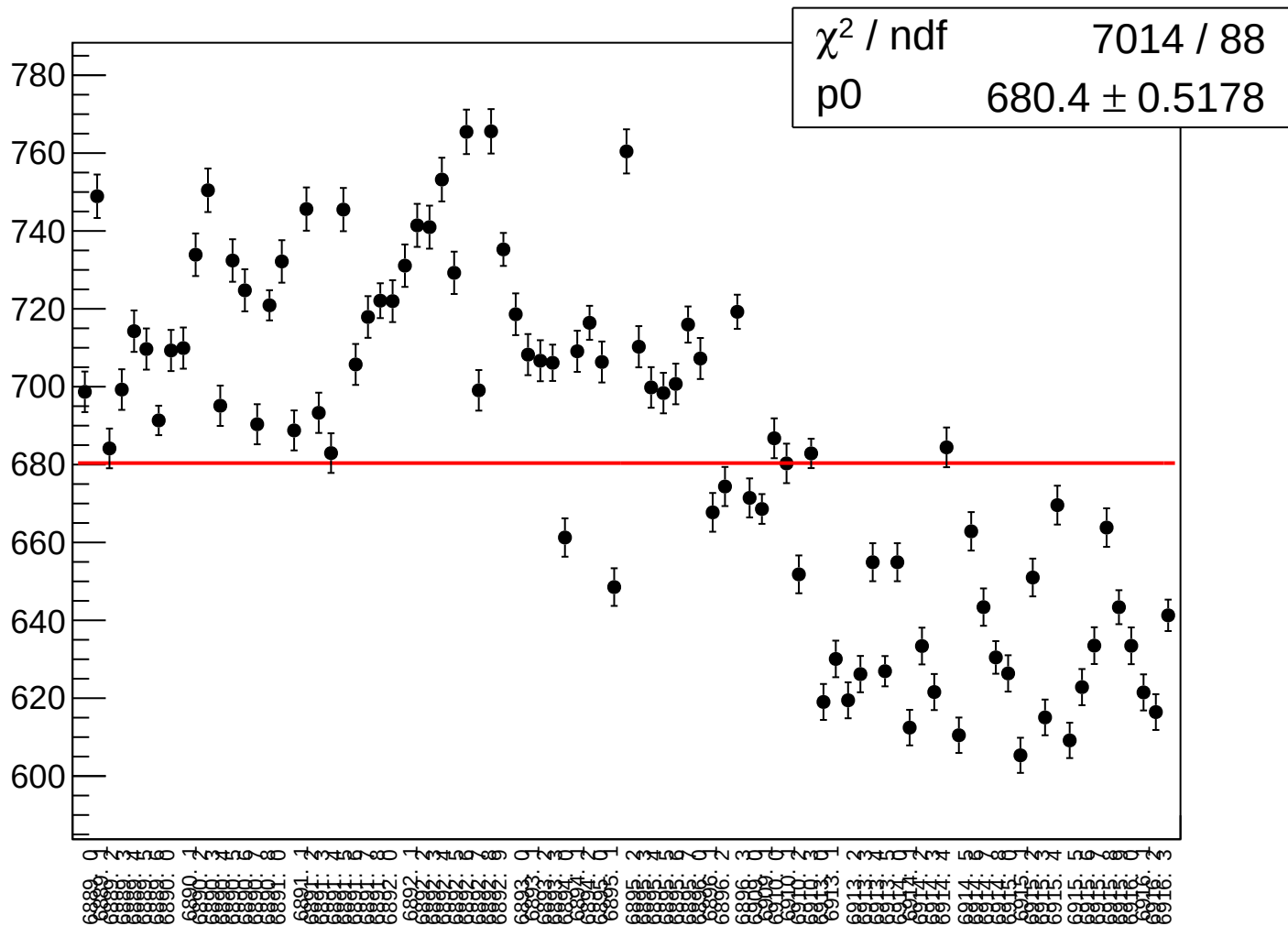
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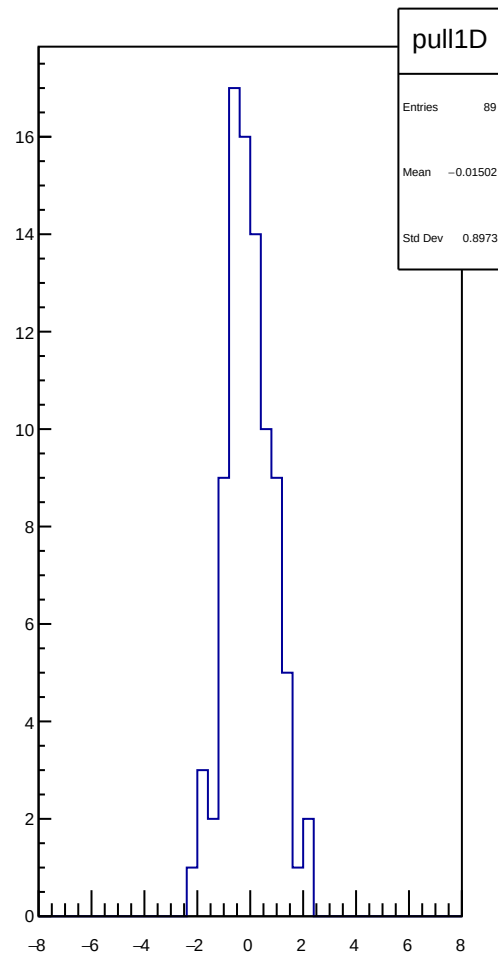
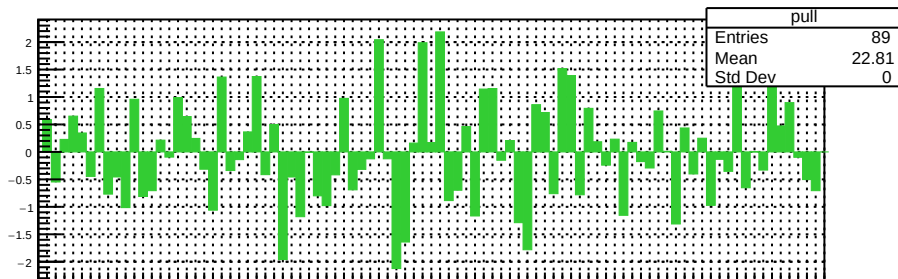
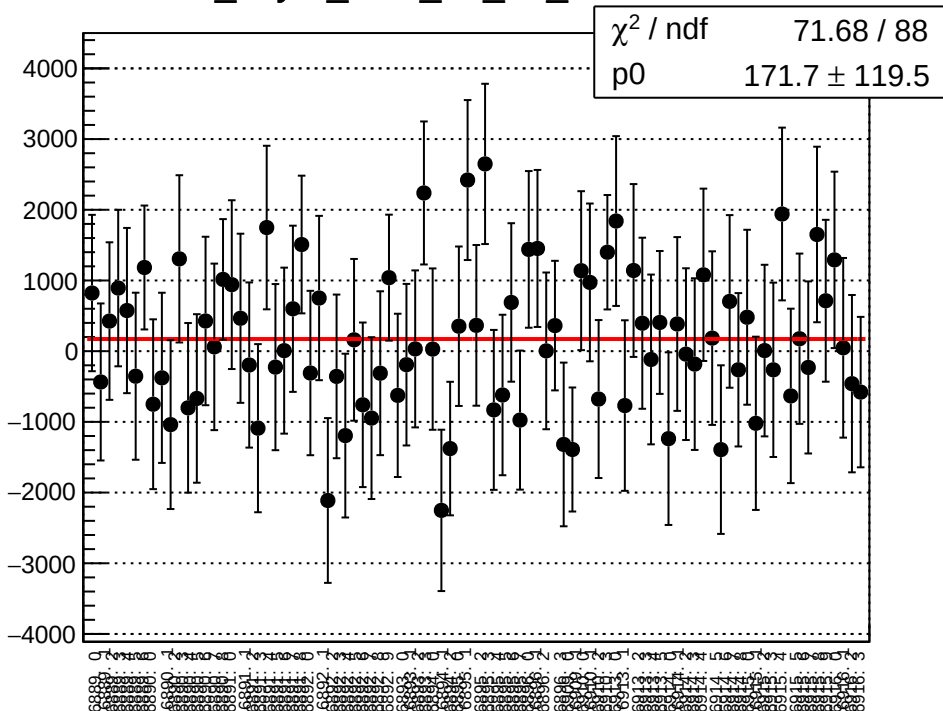
asym_sam_15_dd_eigen_cor_correction_mean vs run



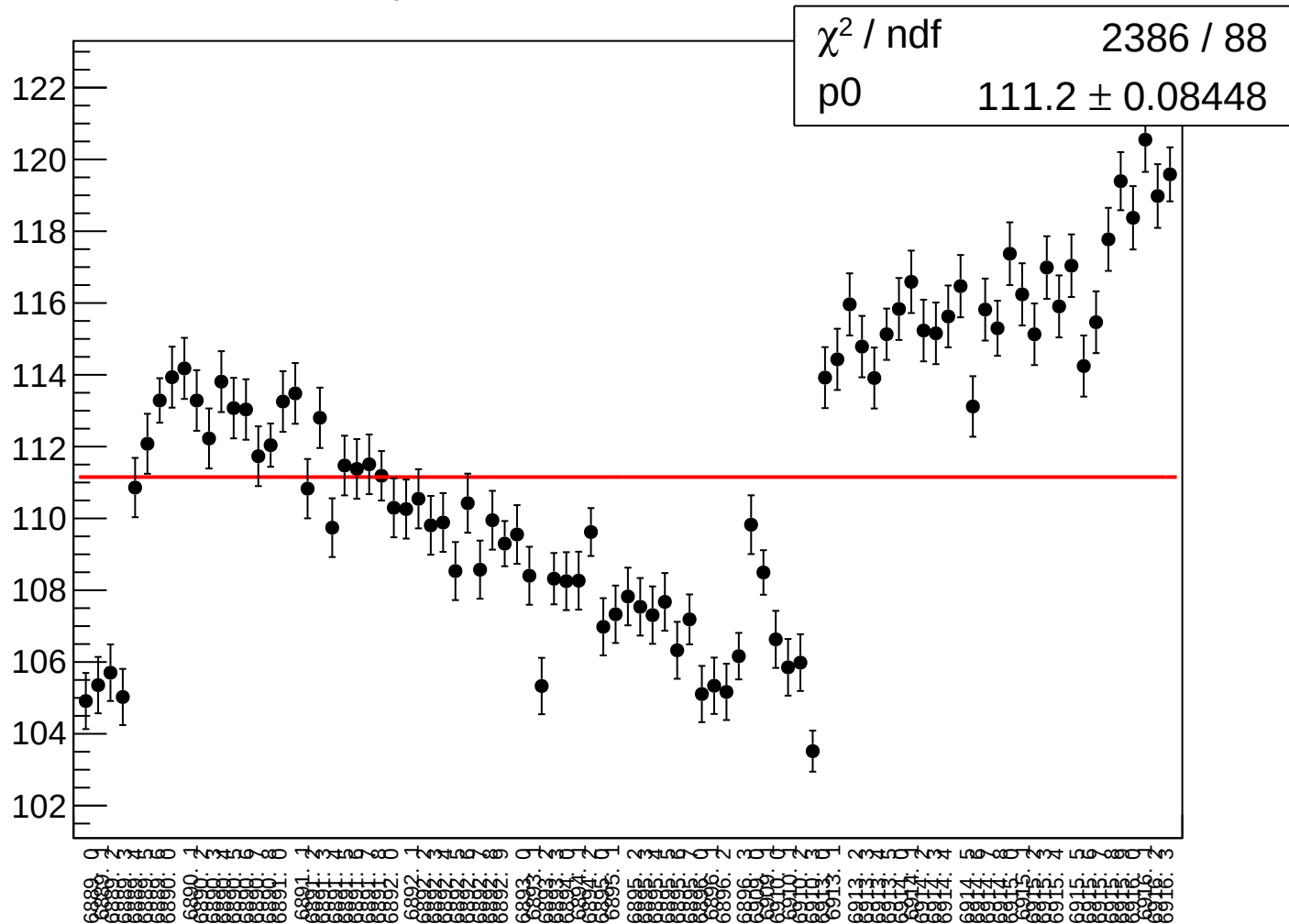
asym_sam_15_dd_eigen_cor_correction_rms vs run



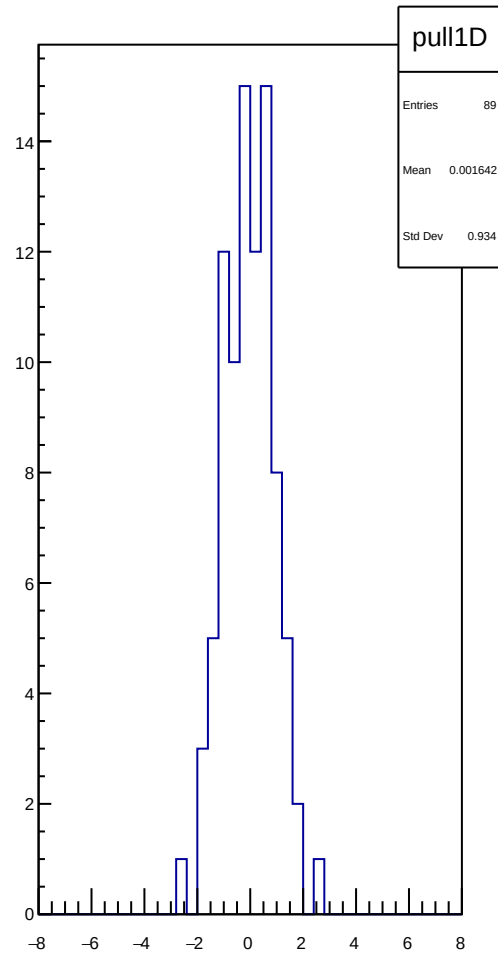
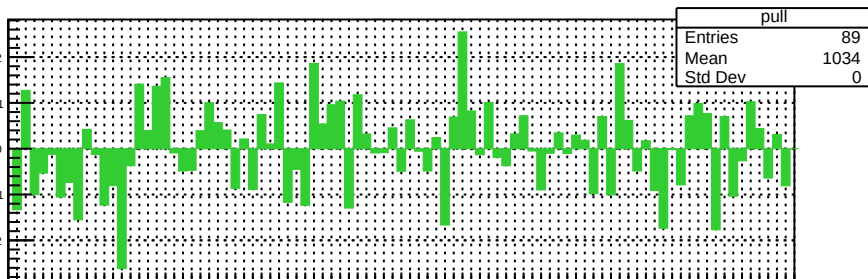
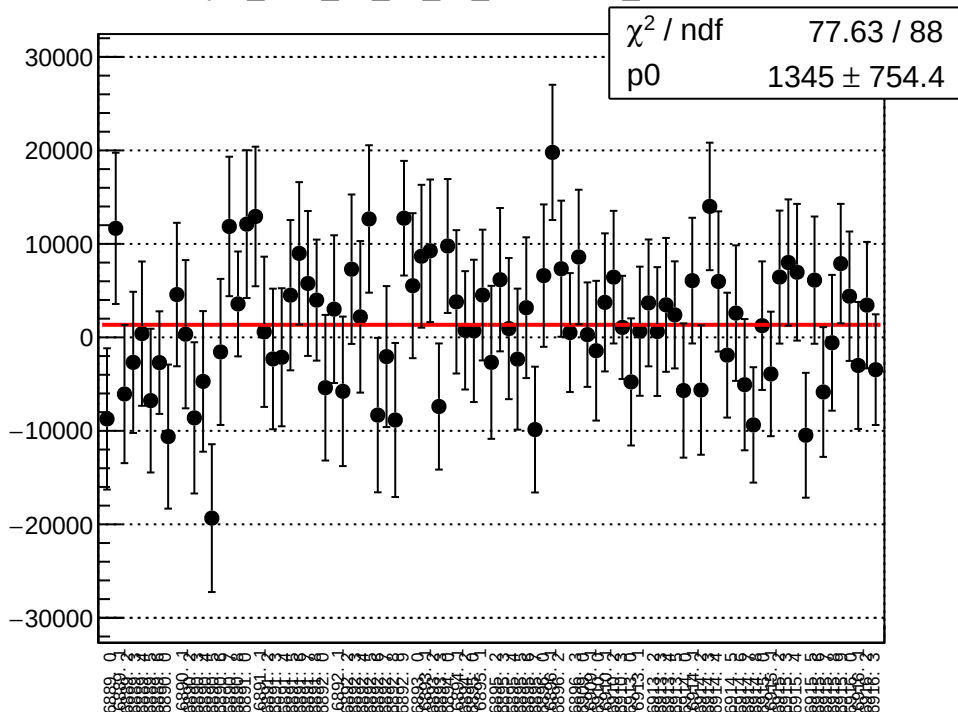
dit_asym_sam_15_dd_mean vs run



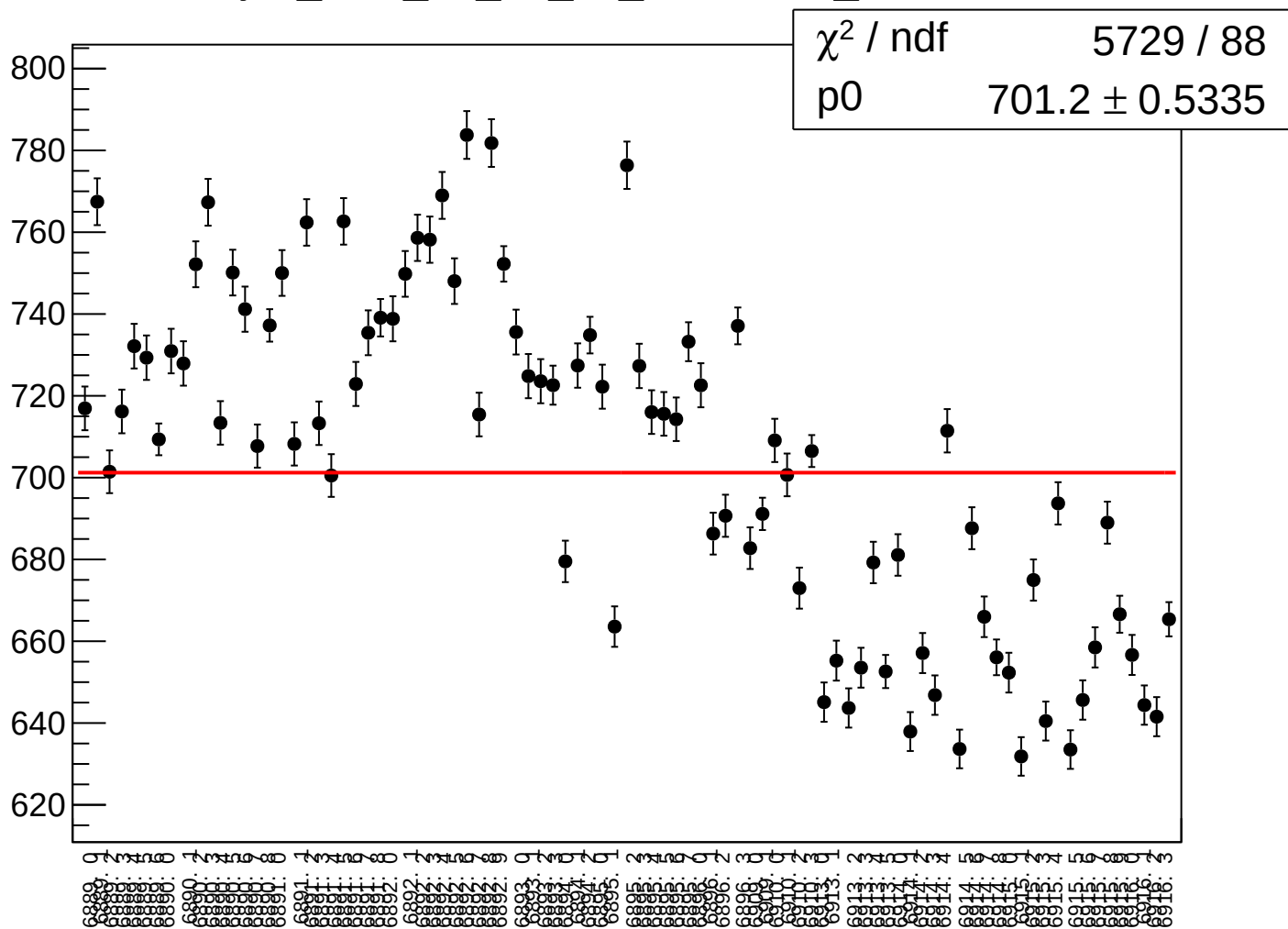
dit_asym_sam_15_dd_rms vs run



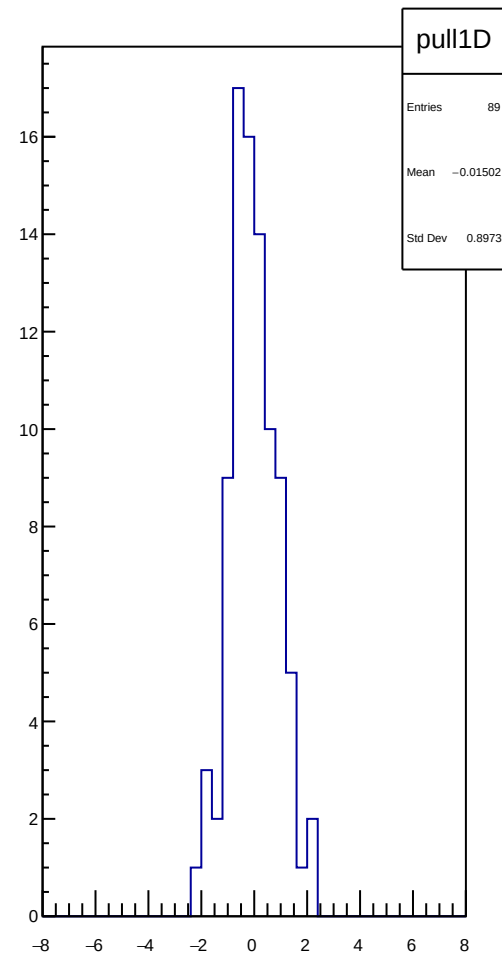
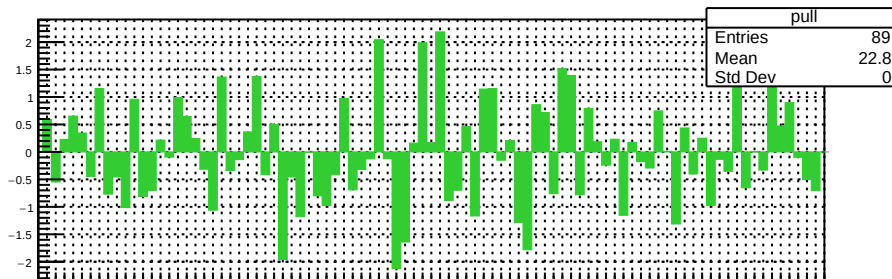
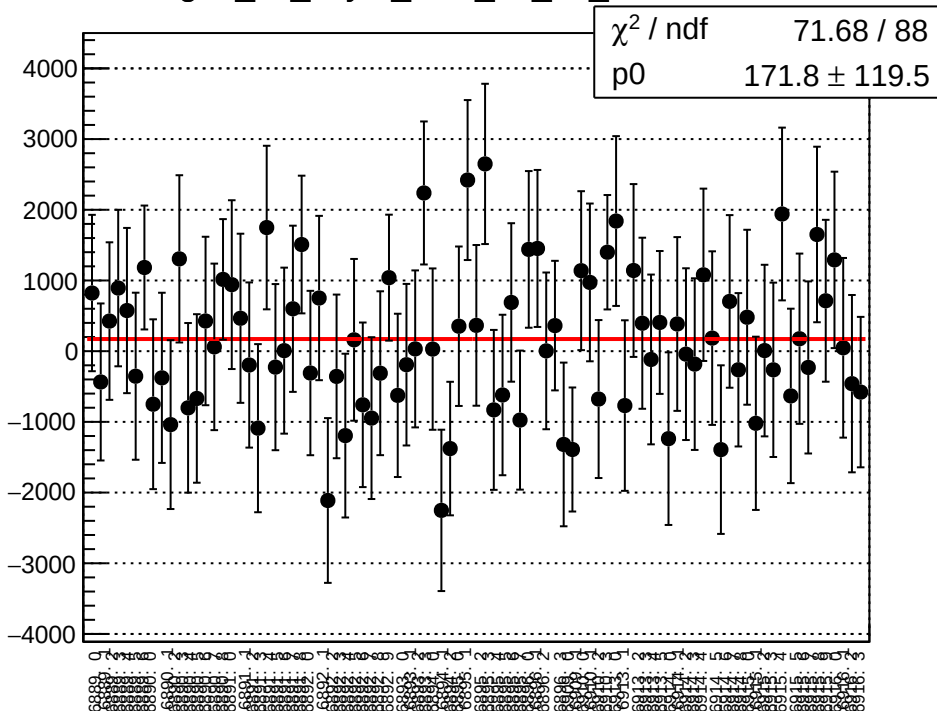
asym_sam_15_dd_dit_correction_mean vs run



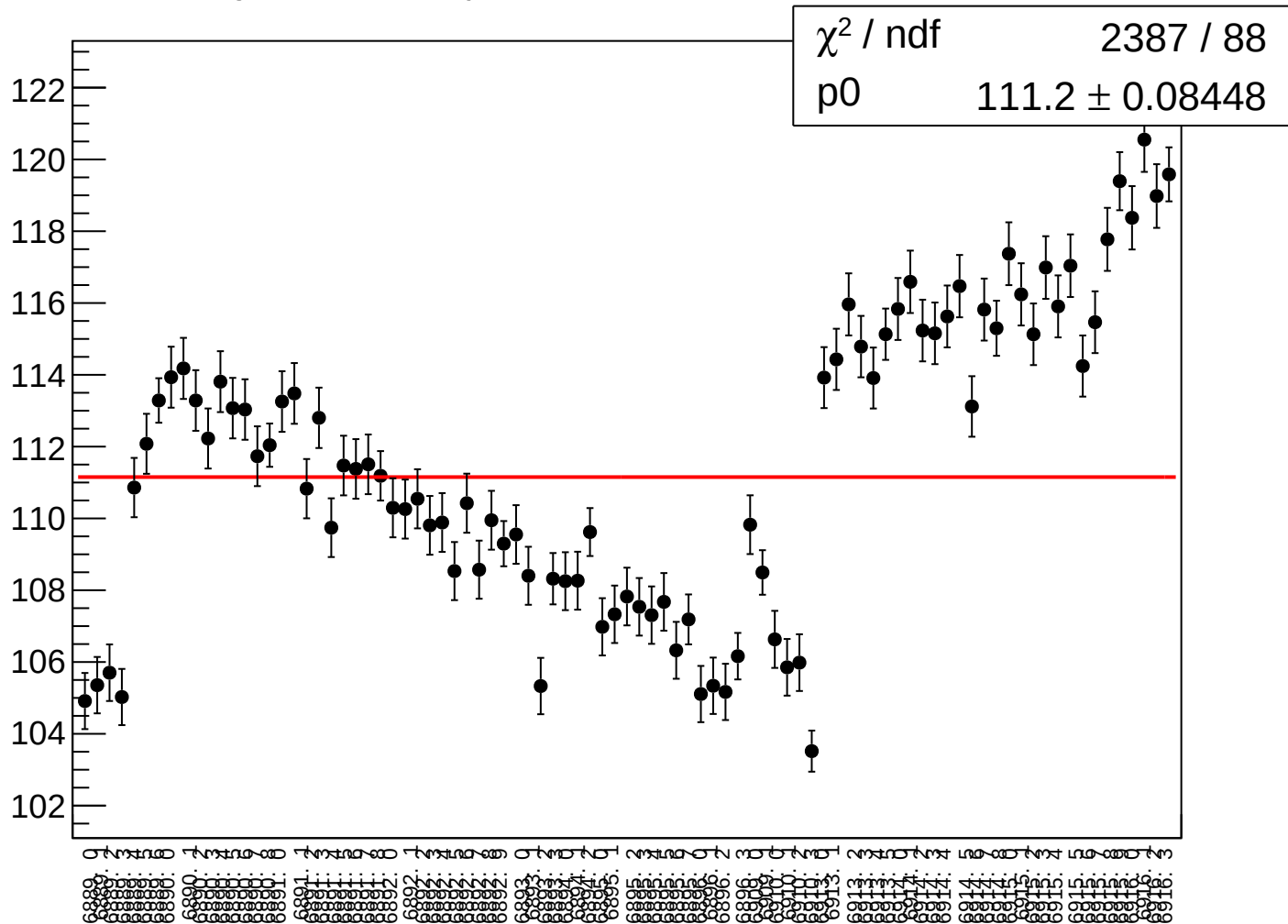
asym_sam_15_dd_dit_correction_rms vs run



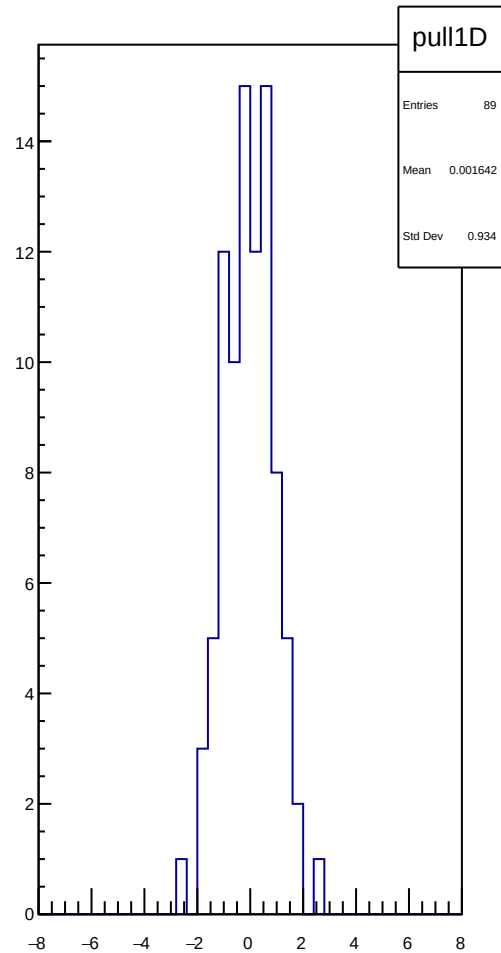
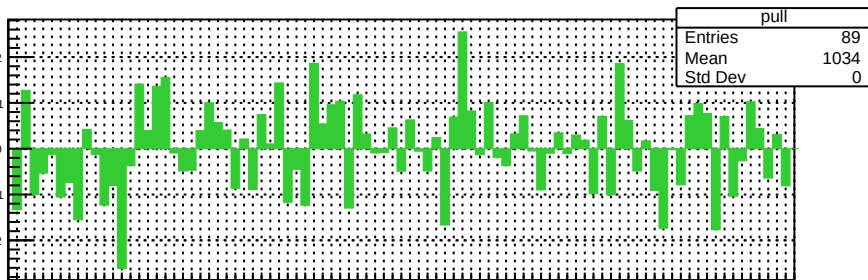
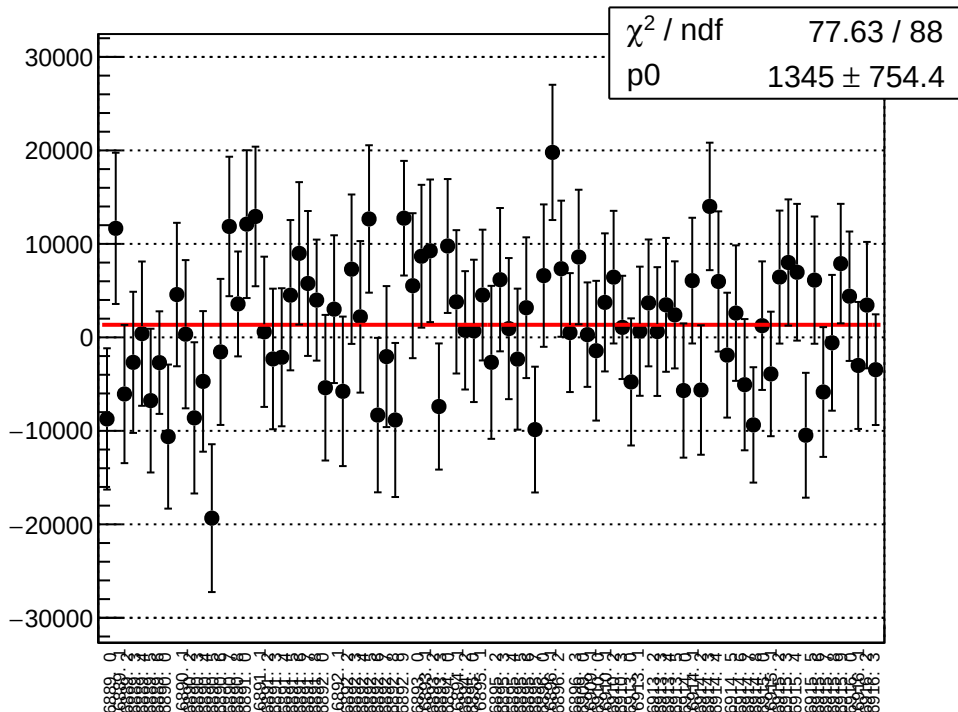
eigen_dit_asym_sam_15_dd_mean vs run



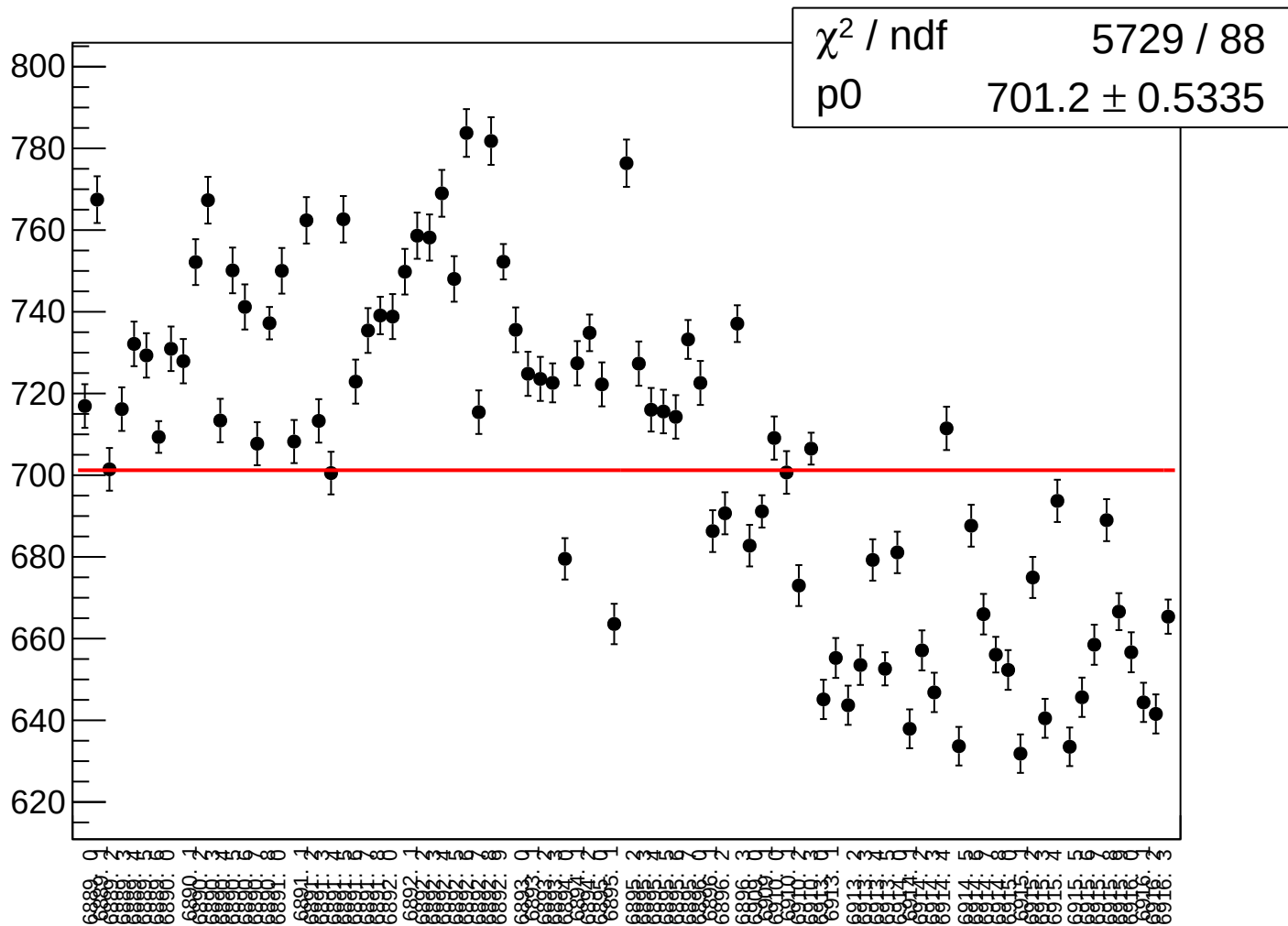
eigen_dit_asym_sam_15_dd_rms vs run



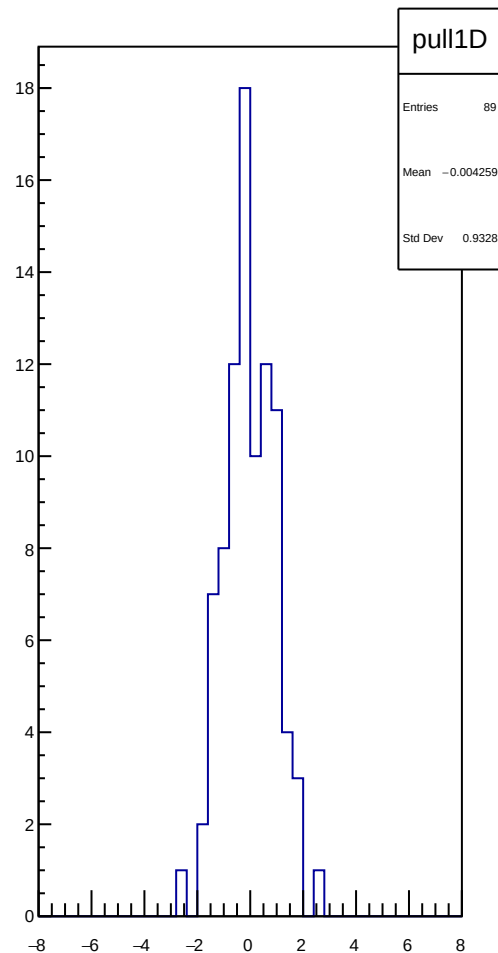
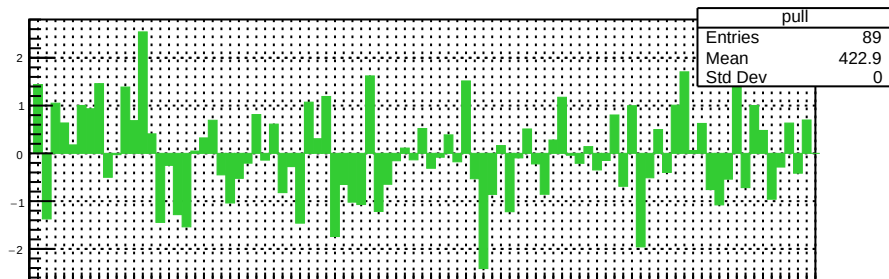
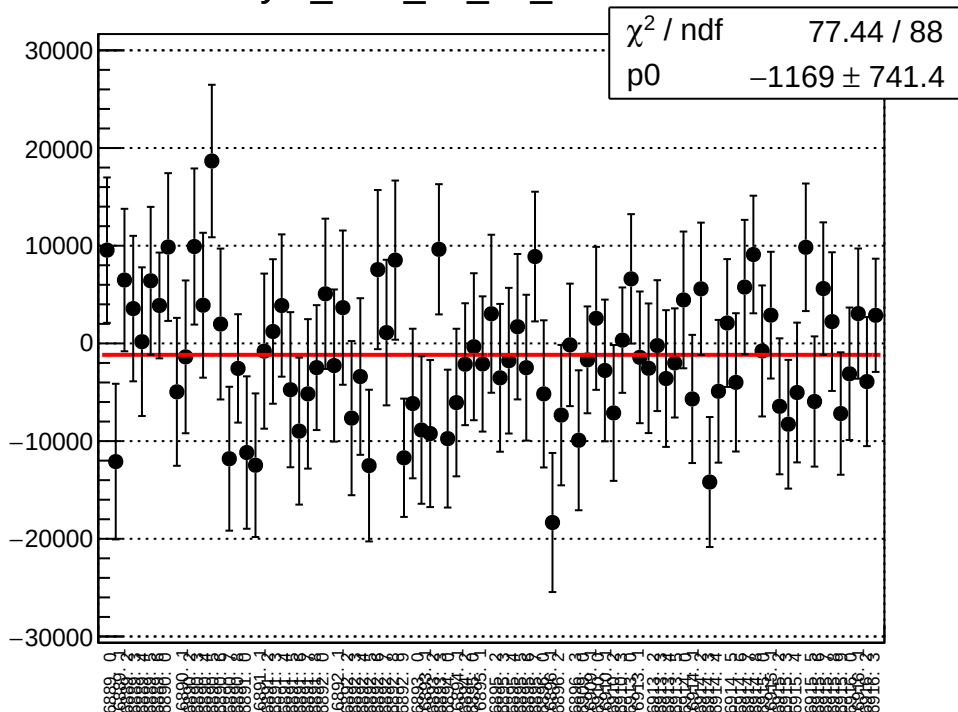
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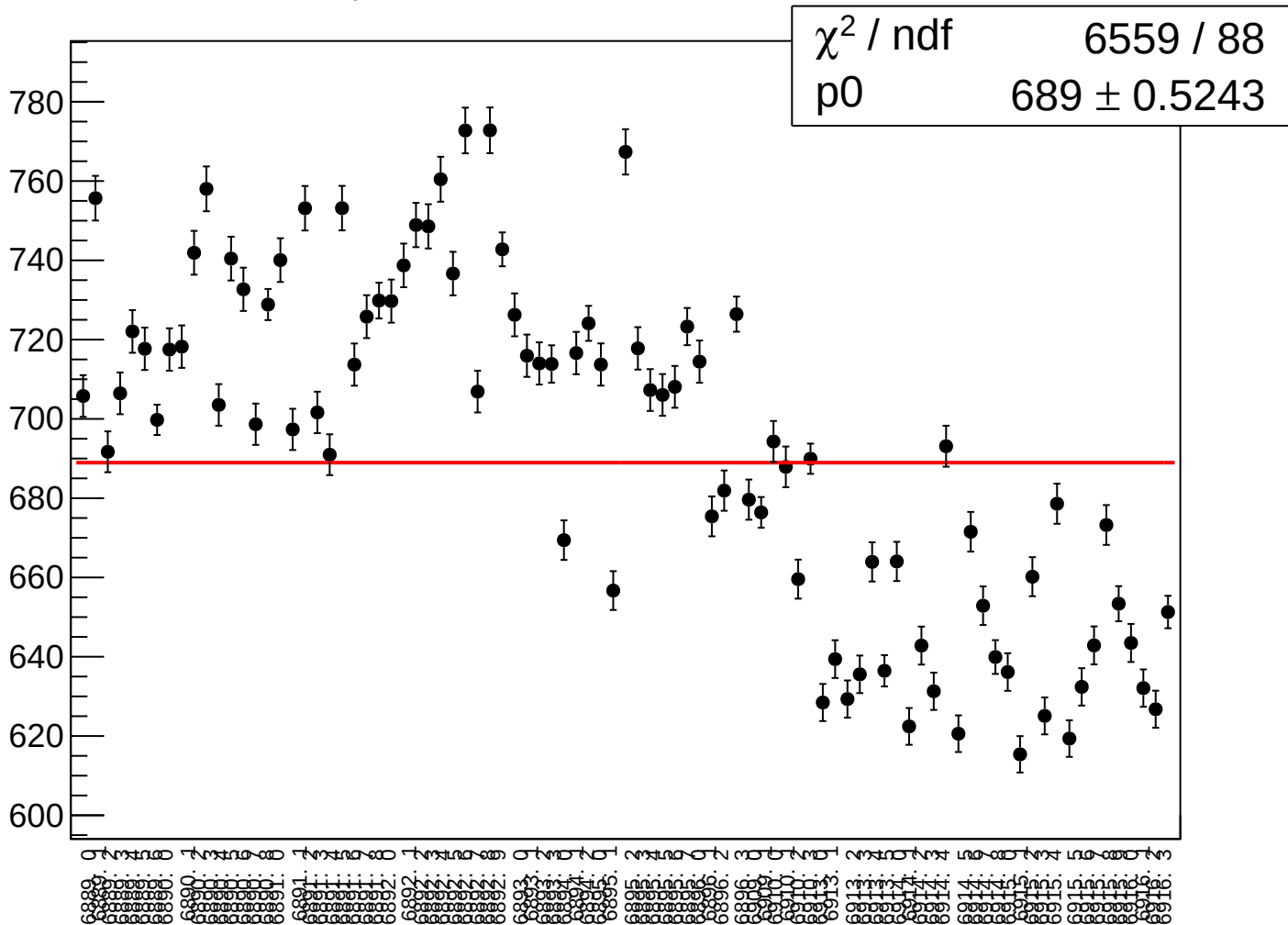
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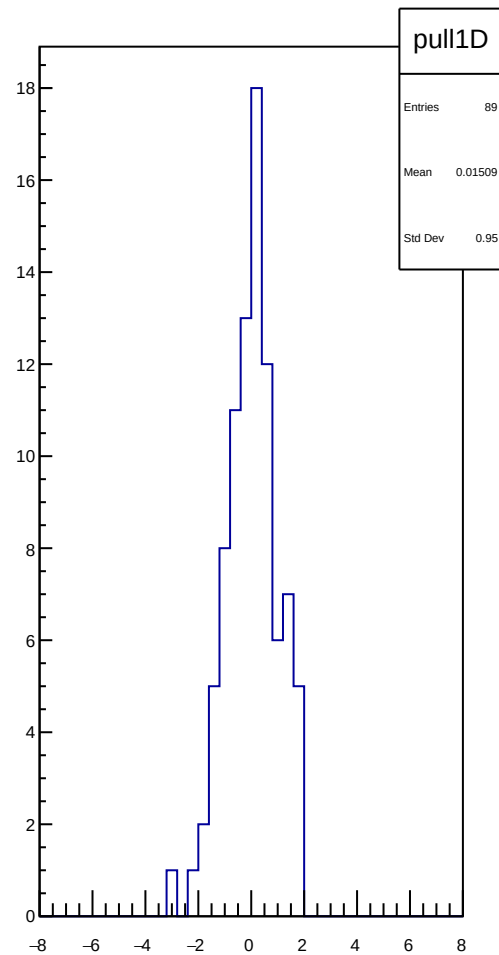
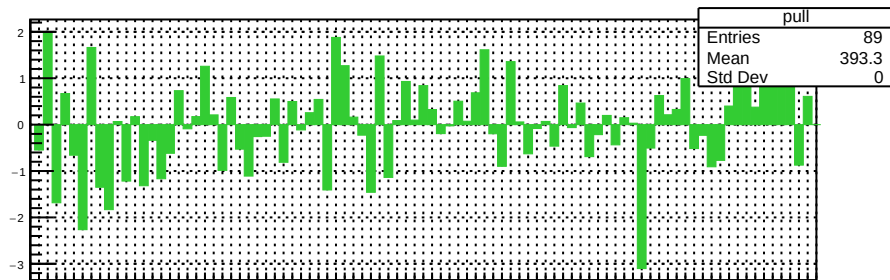
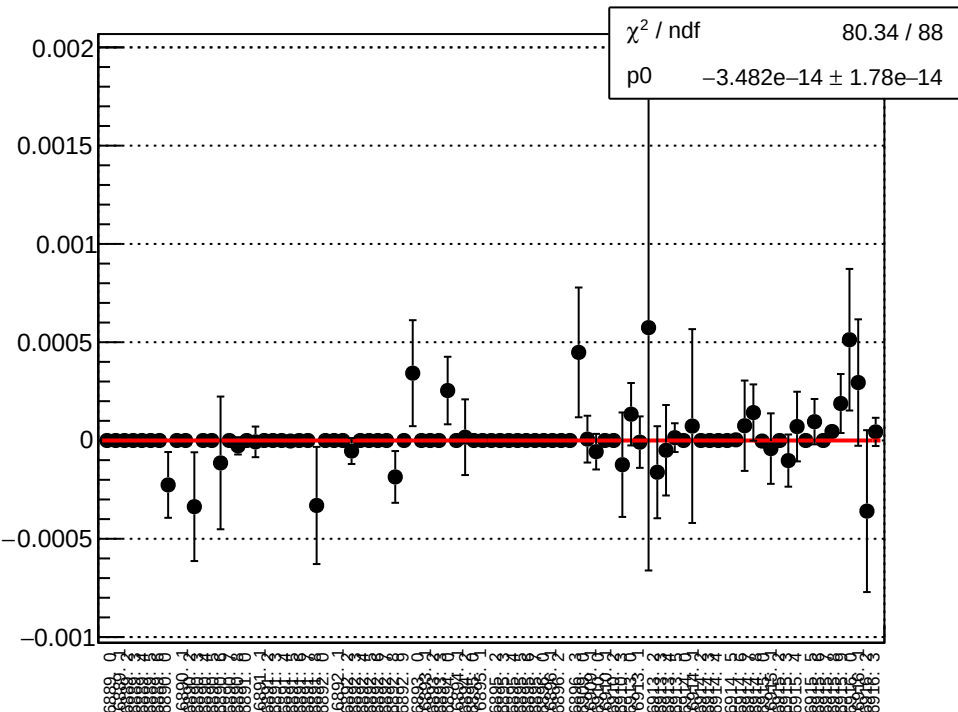
asym_sam_15_dd_mean vs run



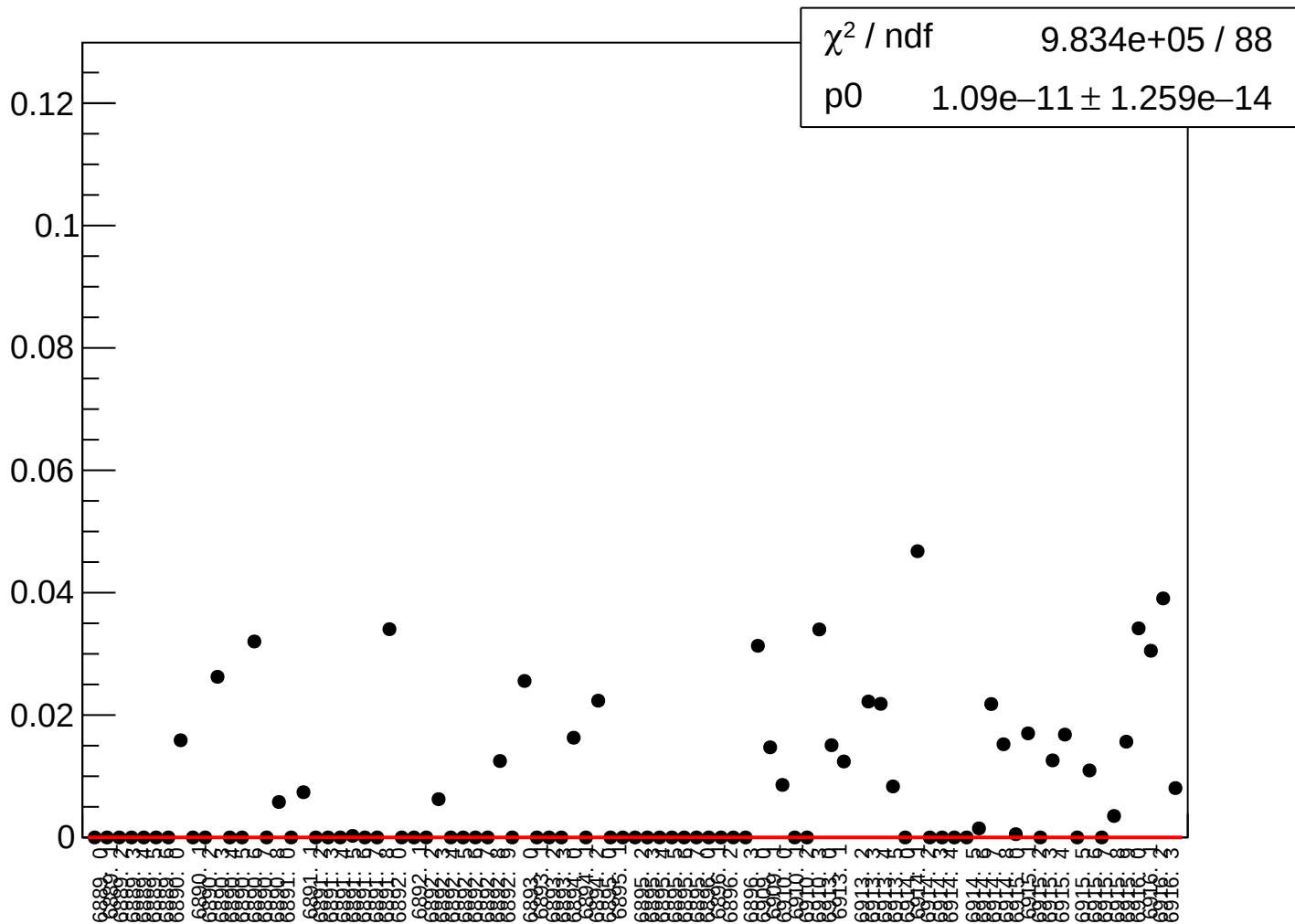
asym_sam_15_dd_rms vs run



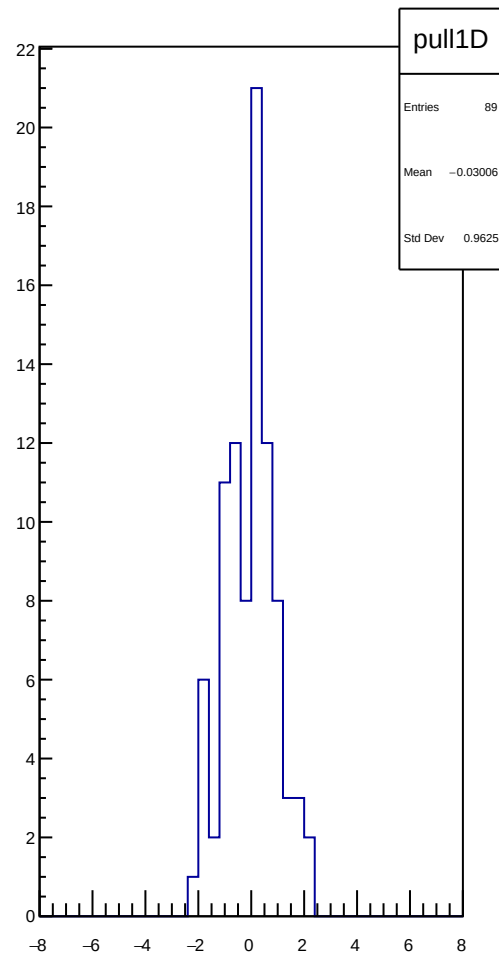
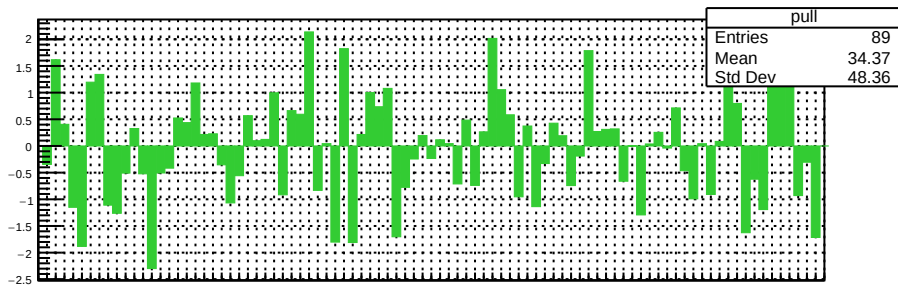
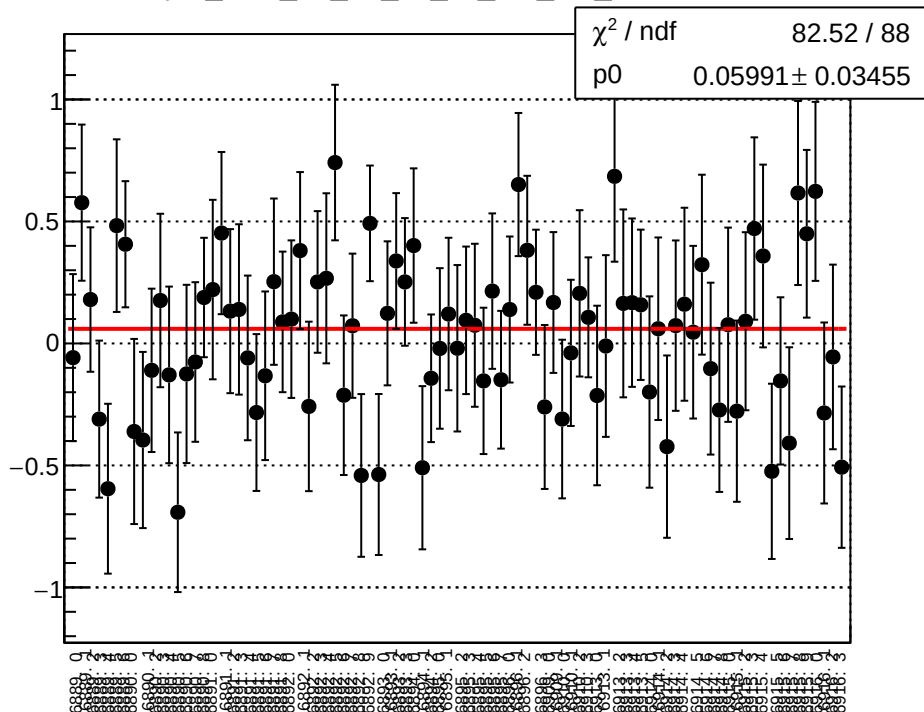
asym_sam_15_dd_reg_vs_cor_diff_mean vs run



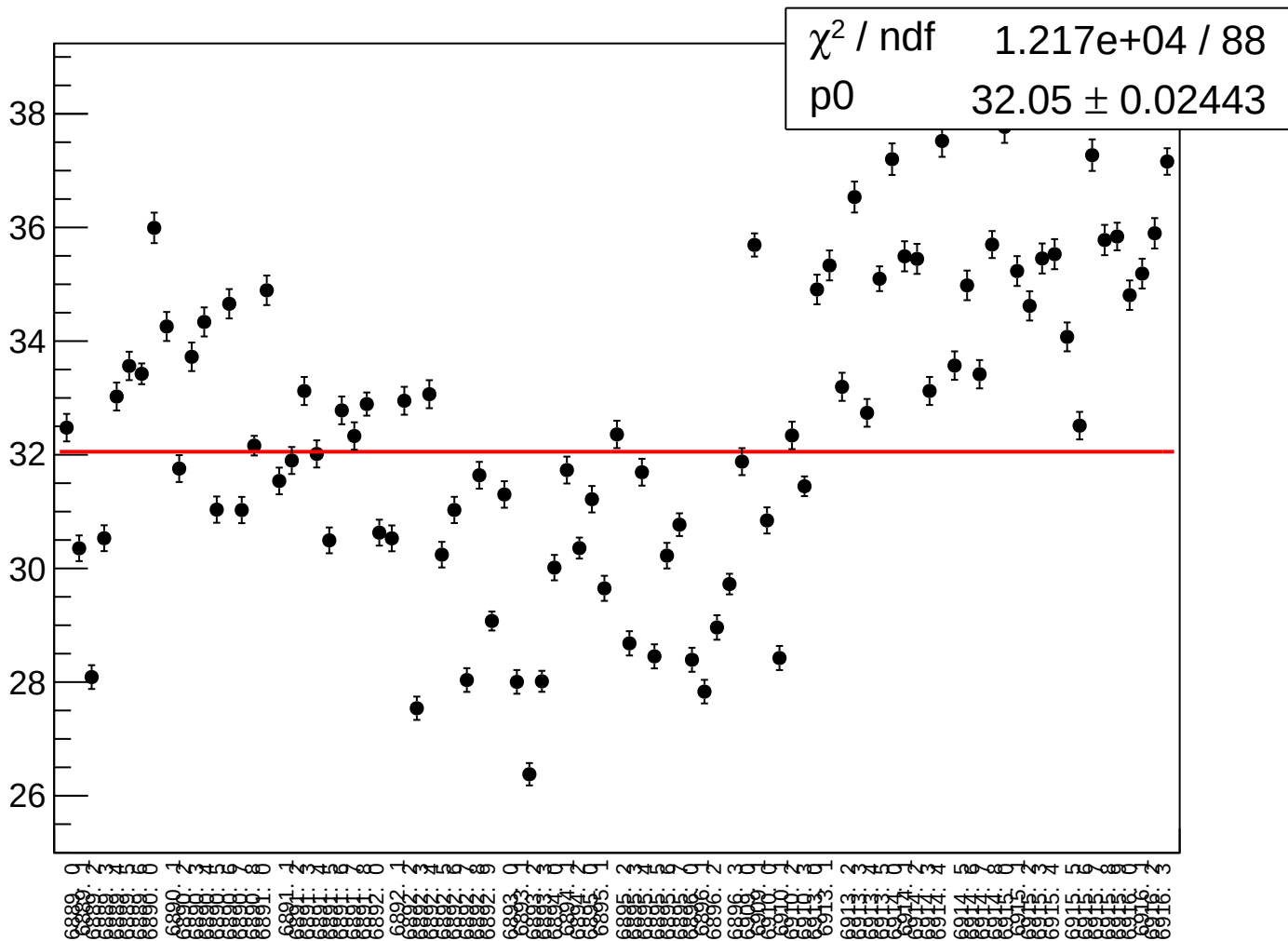
asym_sam_15_dd_reg_vs_cor_diff_rms vs run



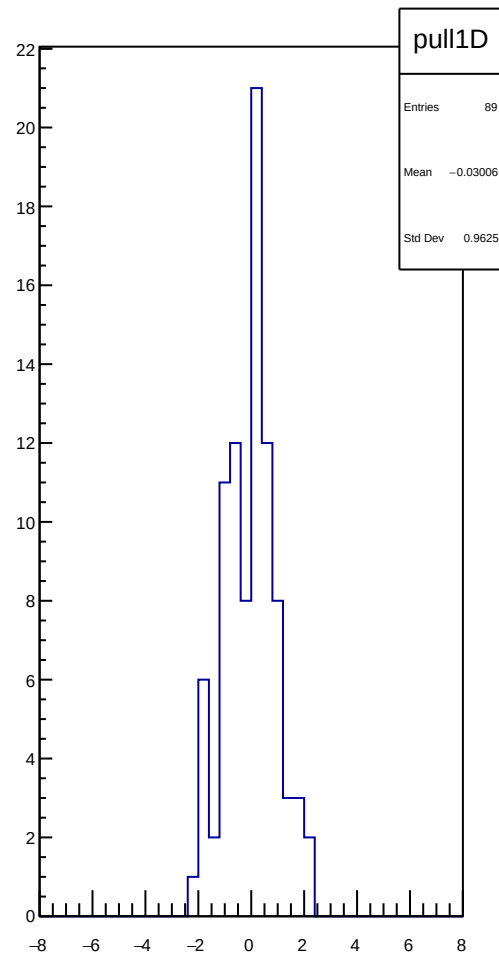
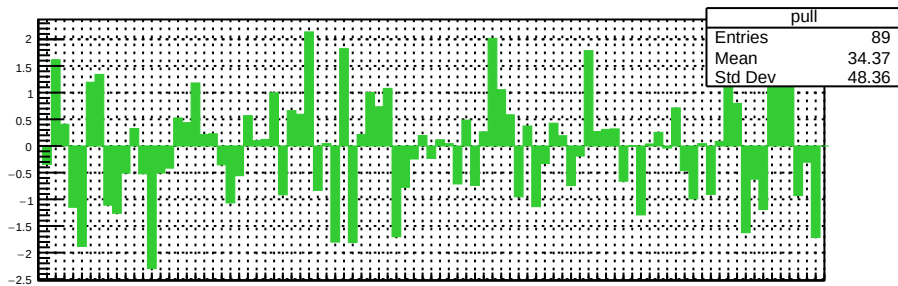
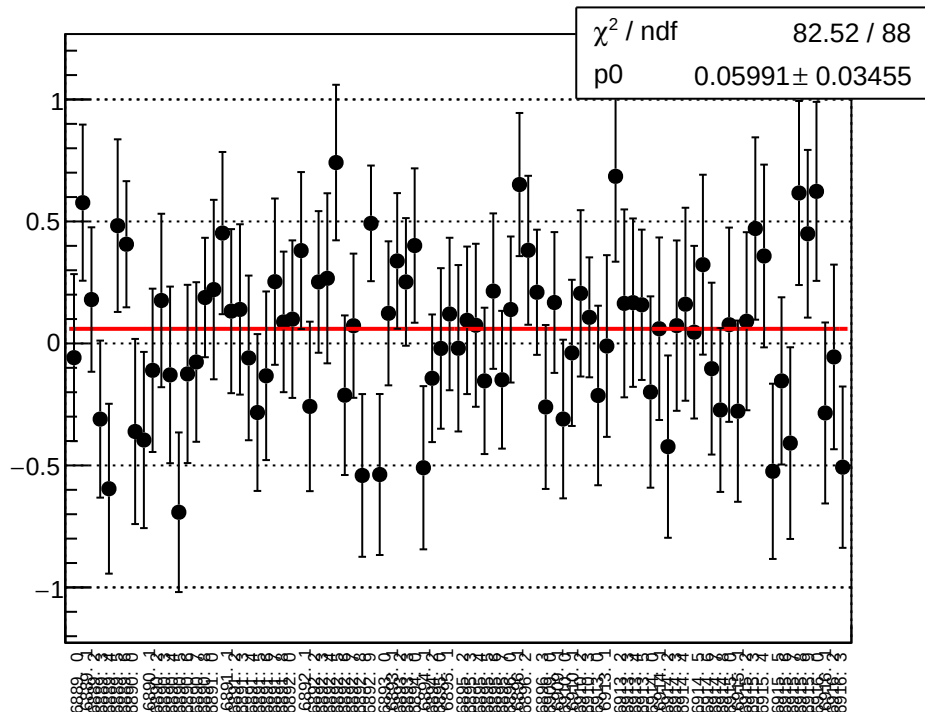
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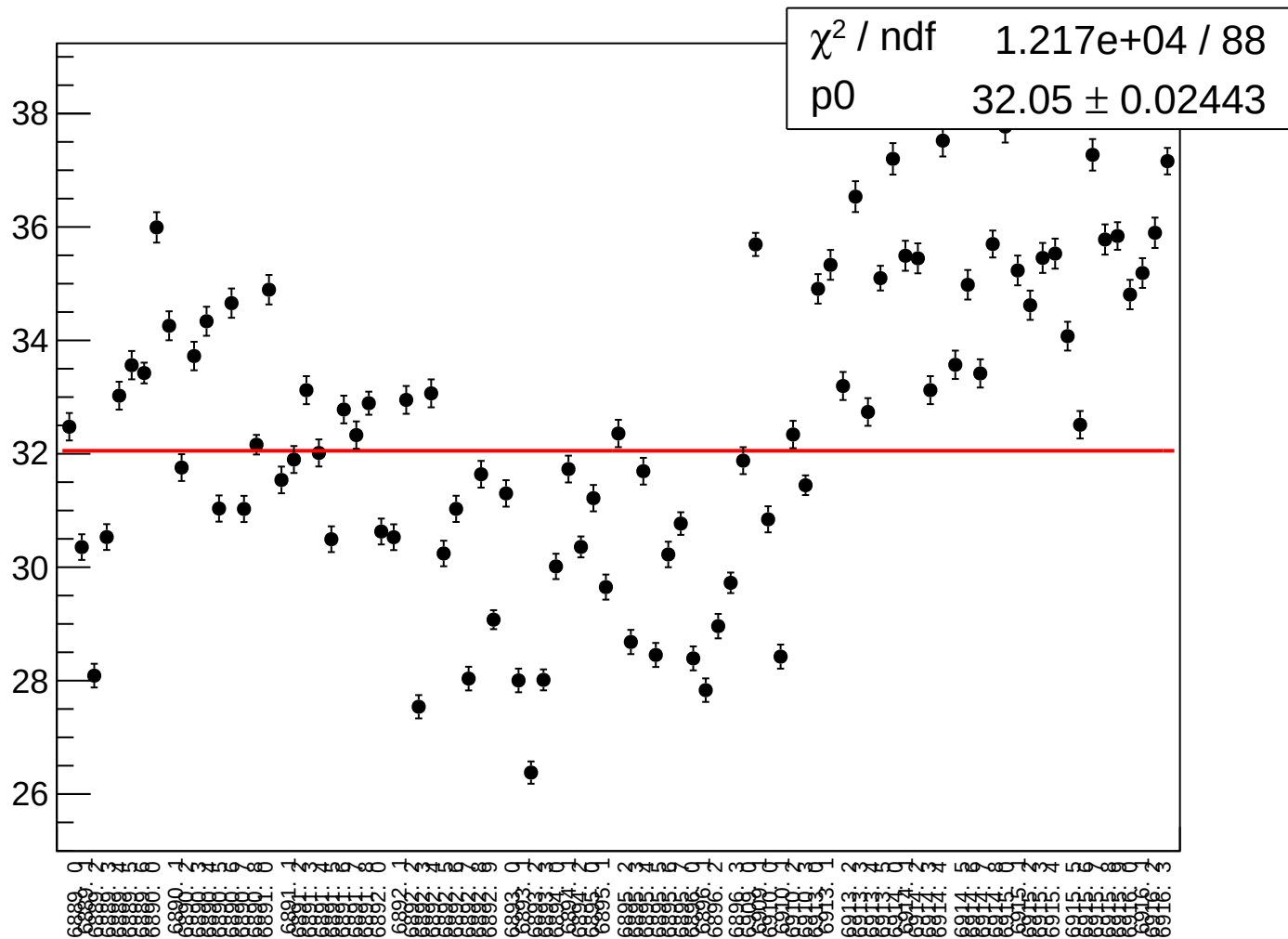
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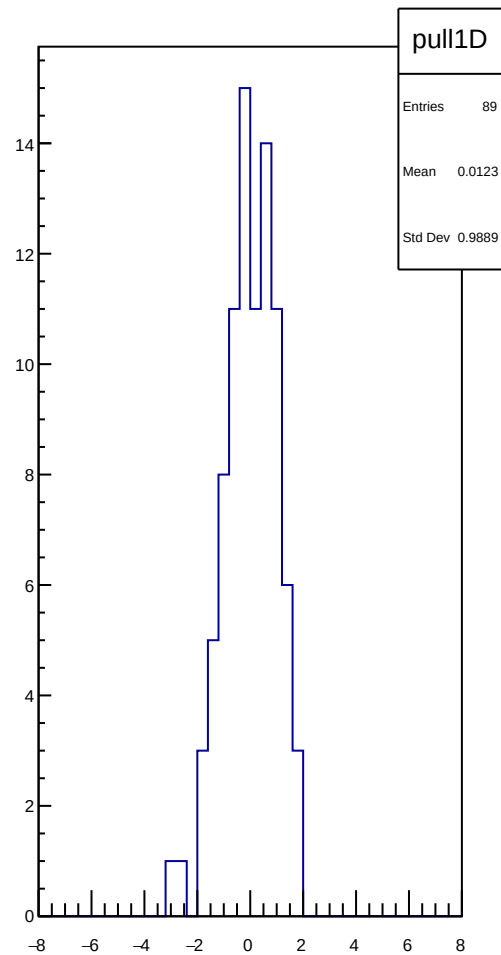
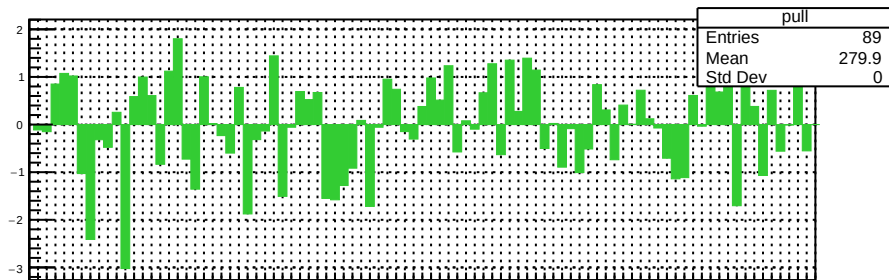
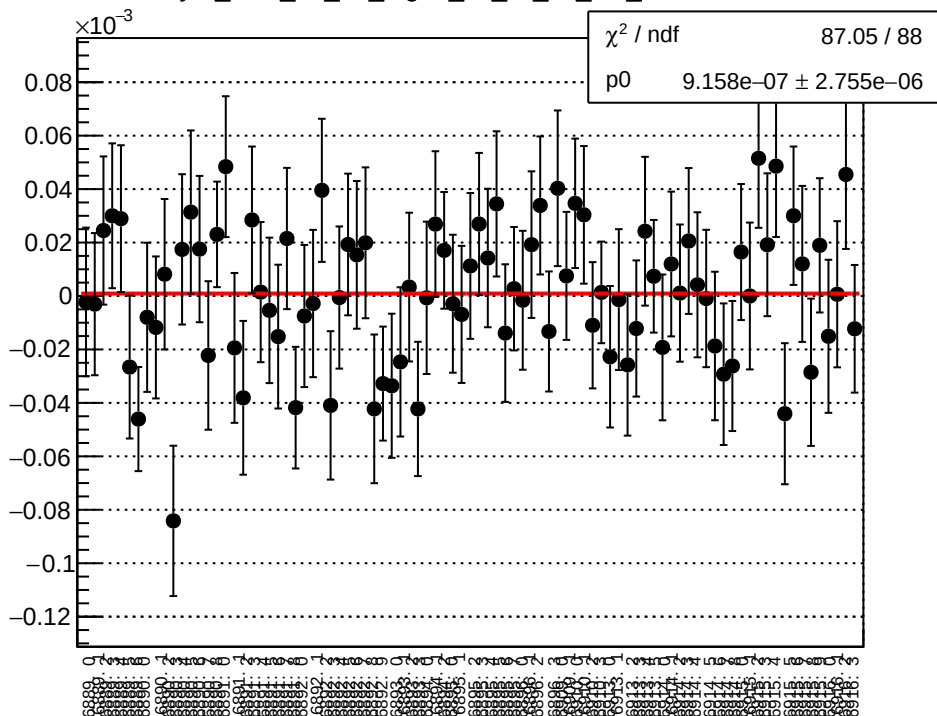
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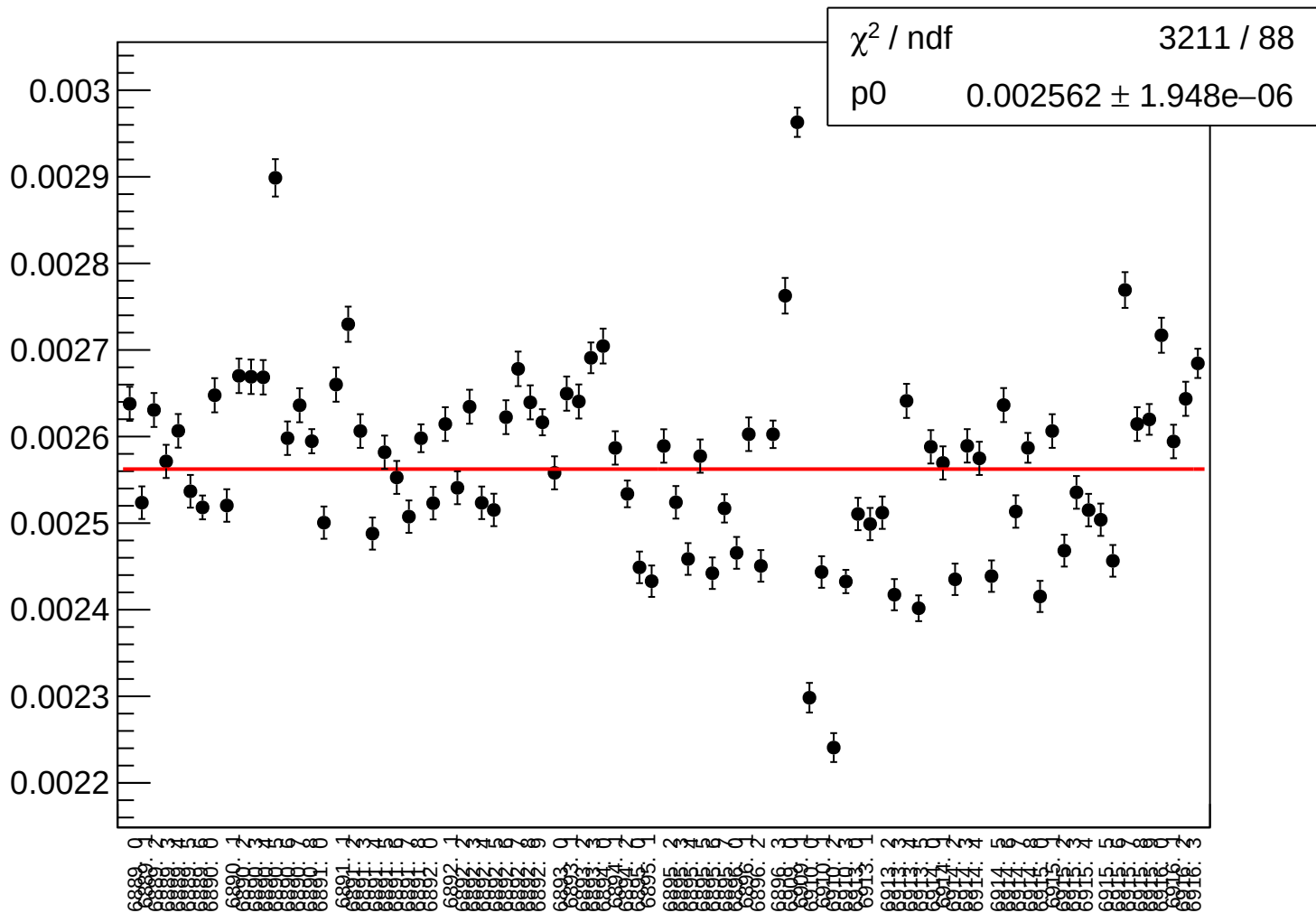
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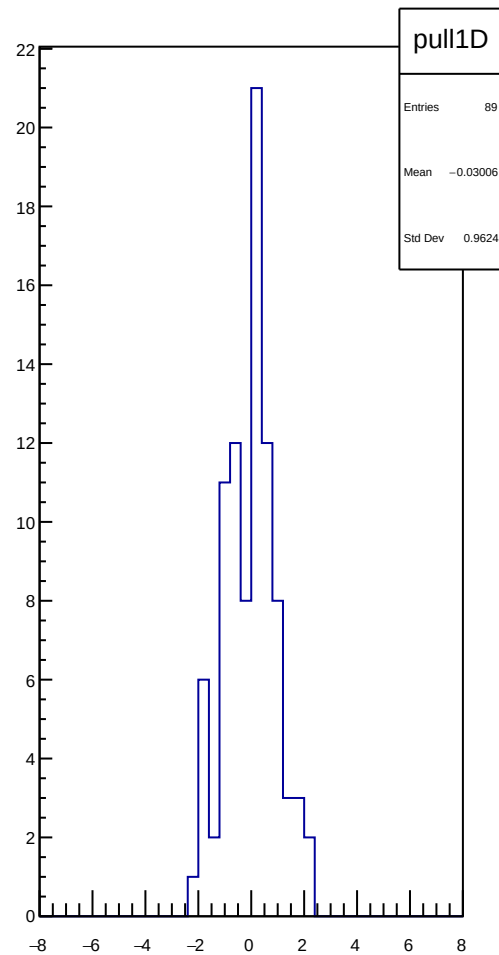
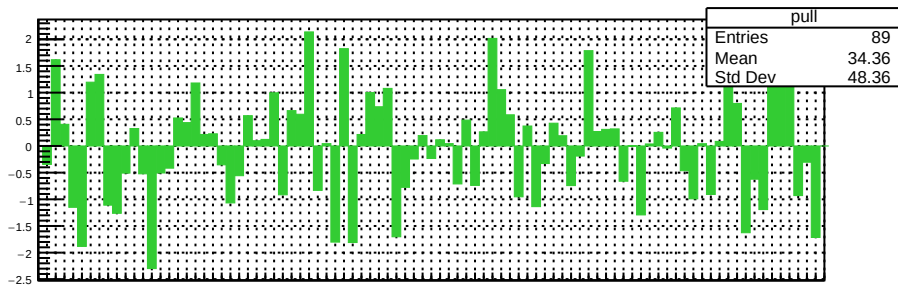
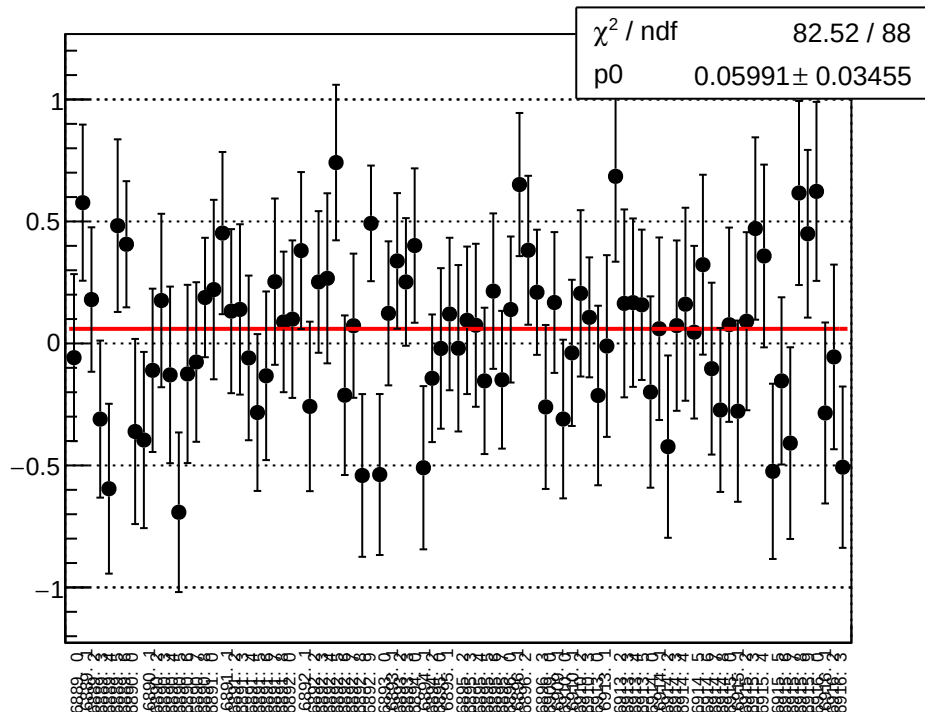
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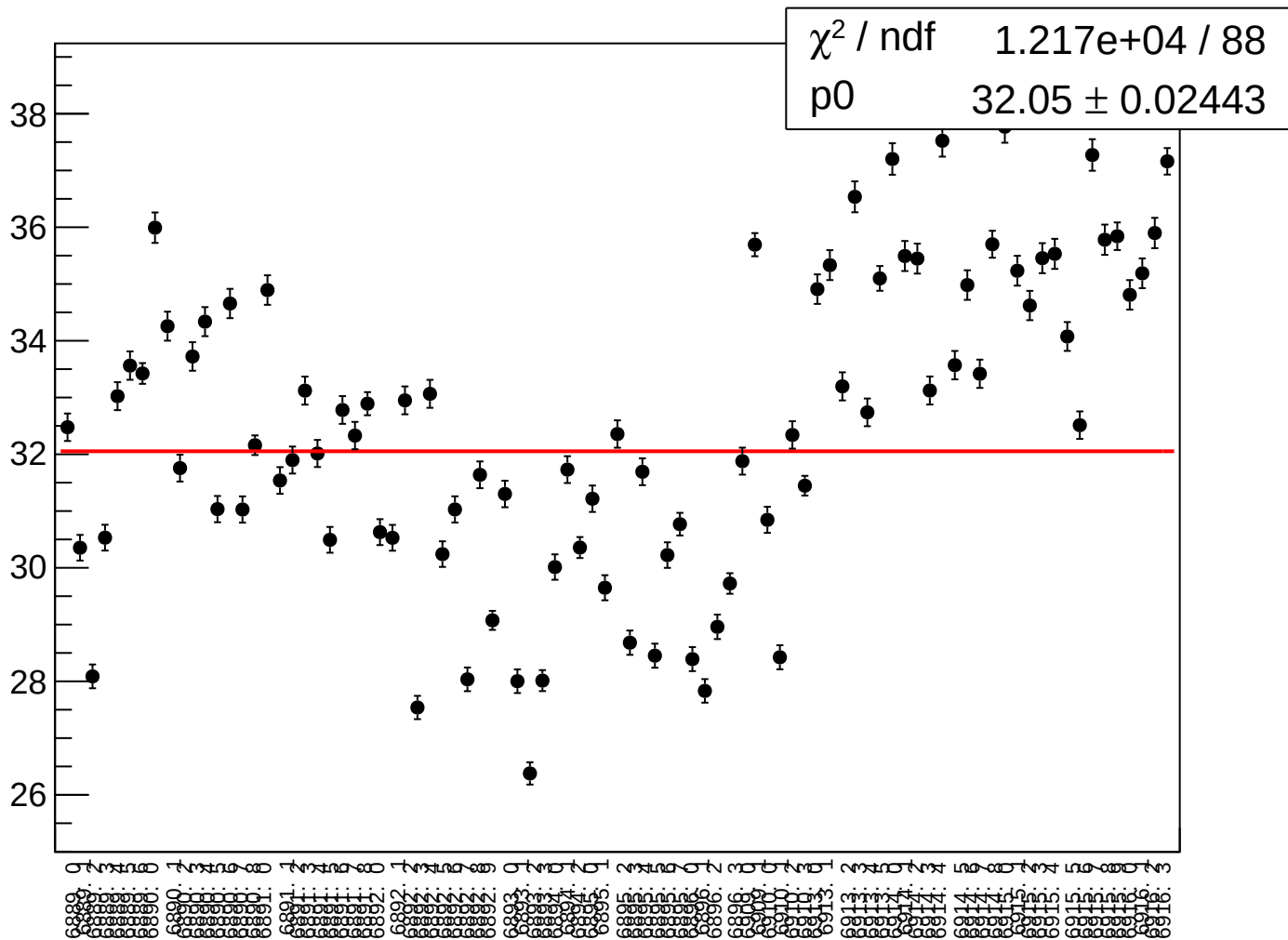
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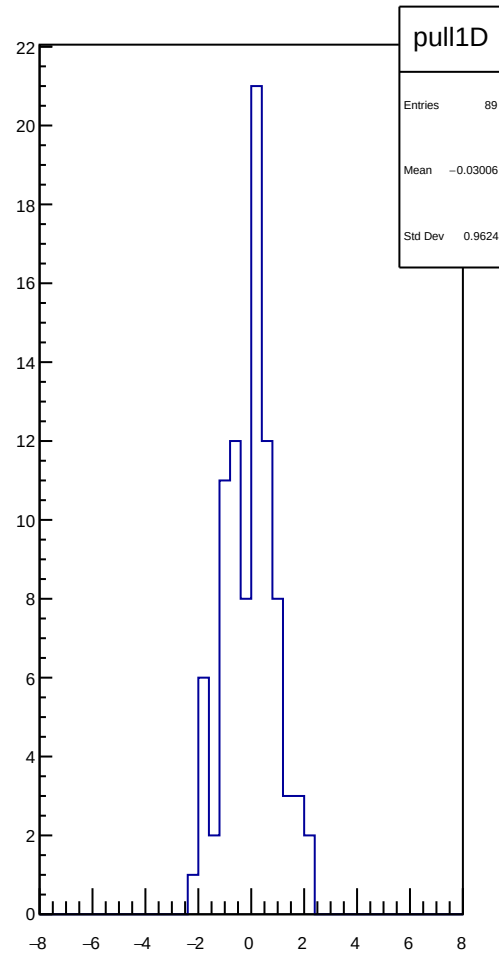
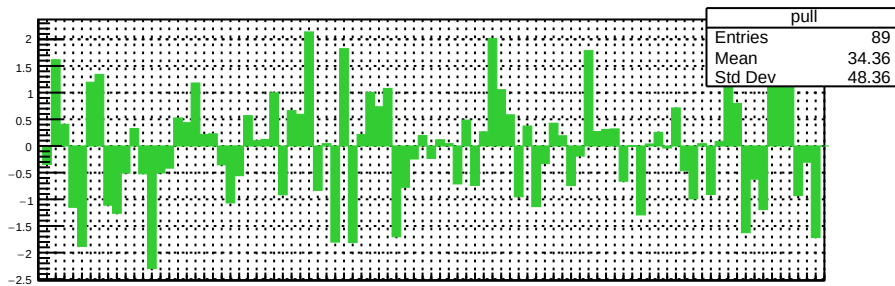
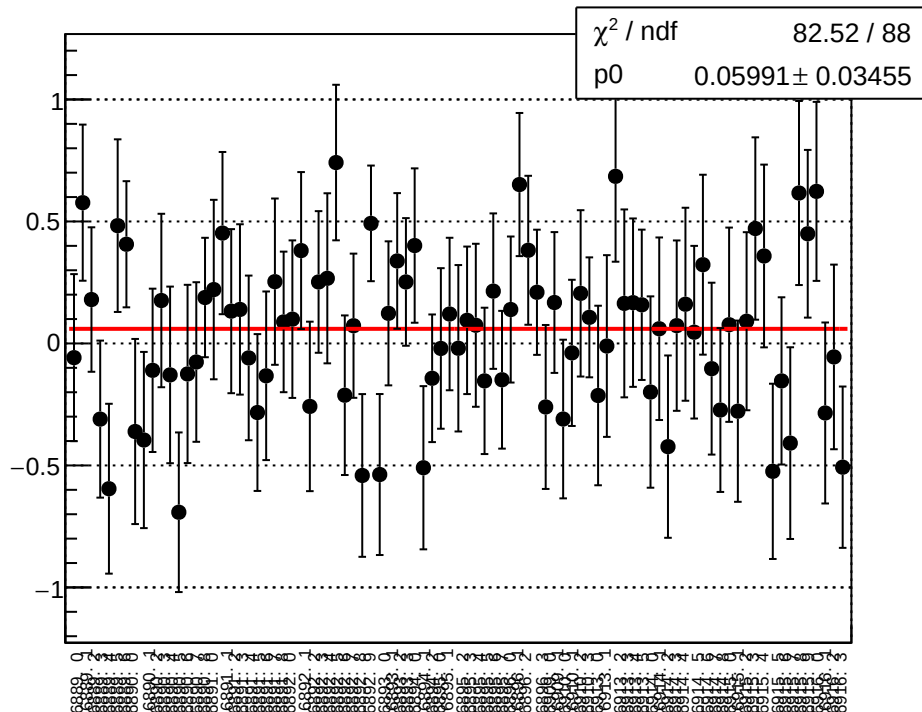
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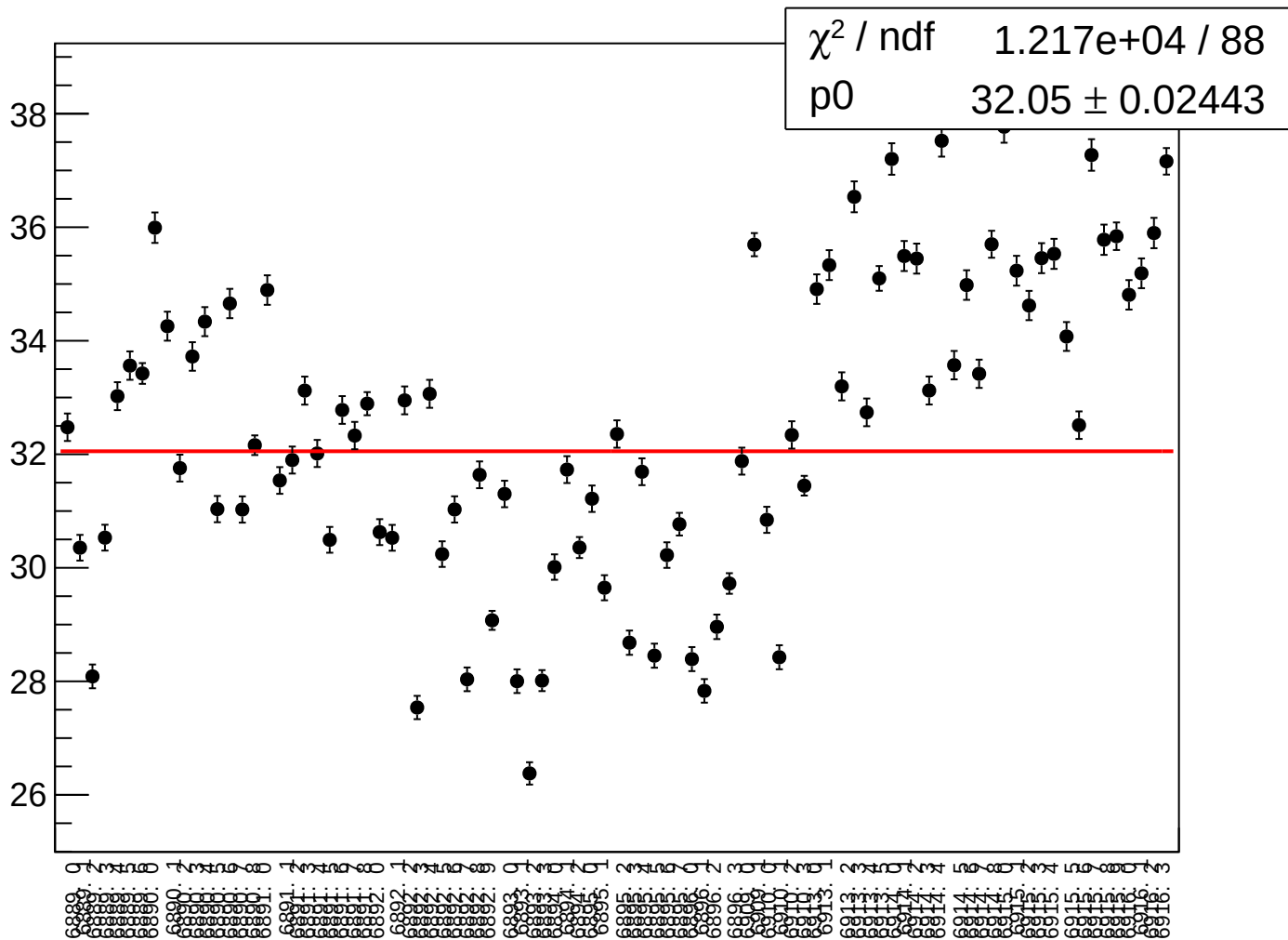
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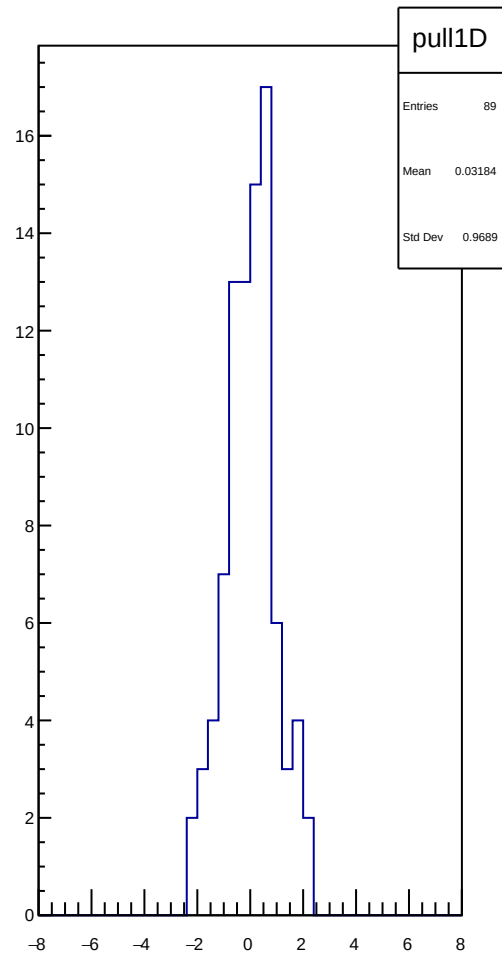
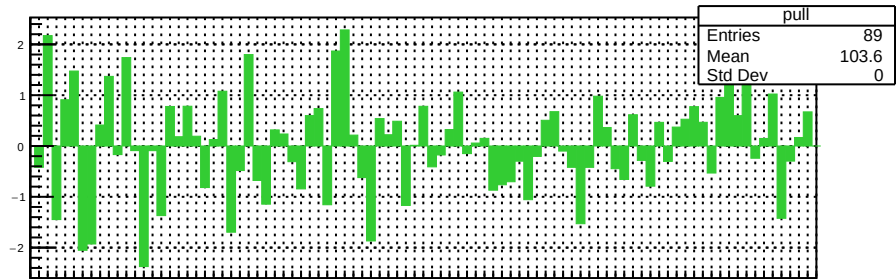
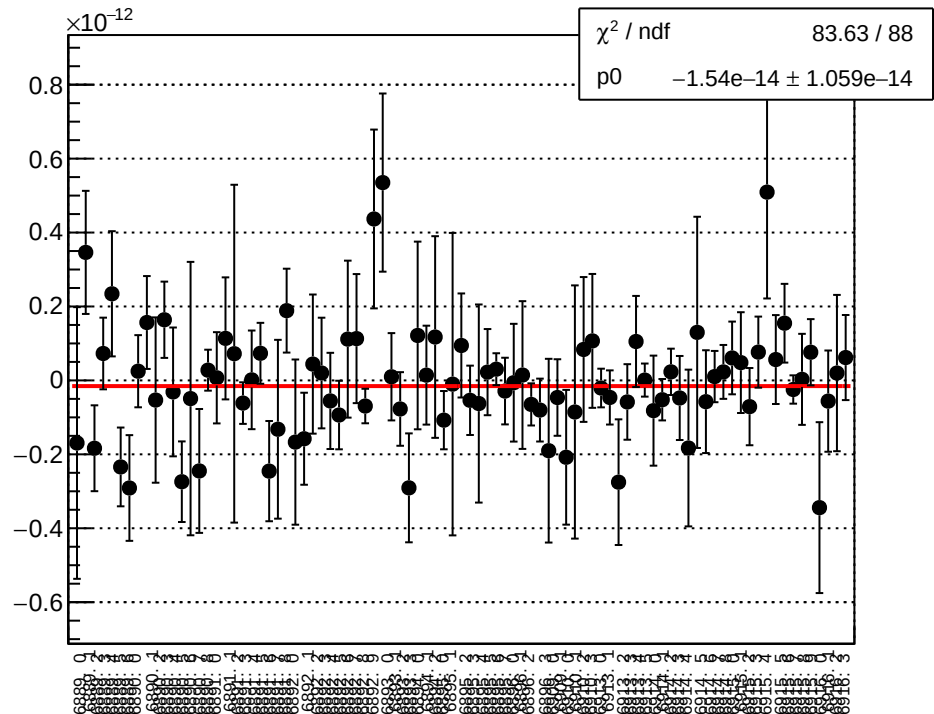
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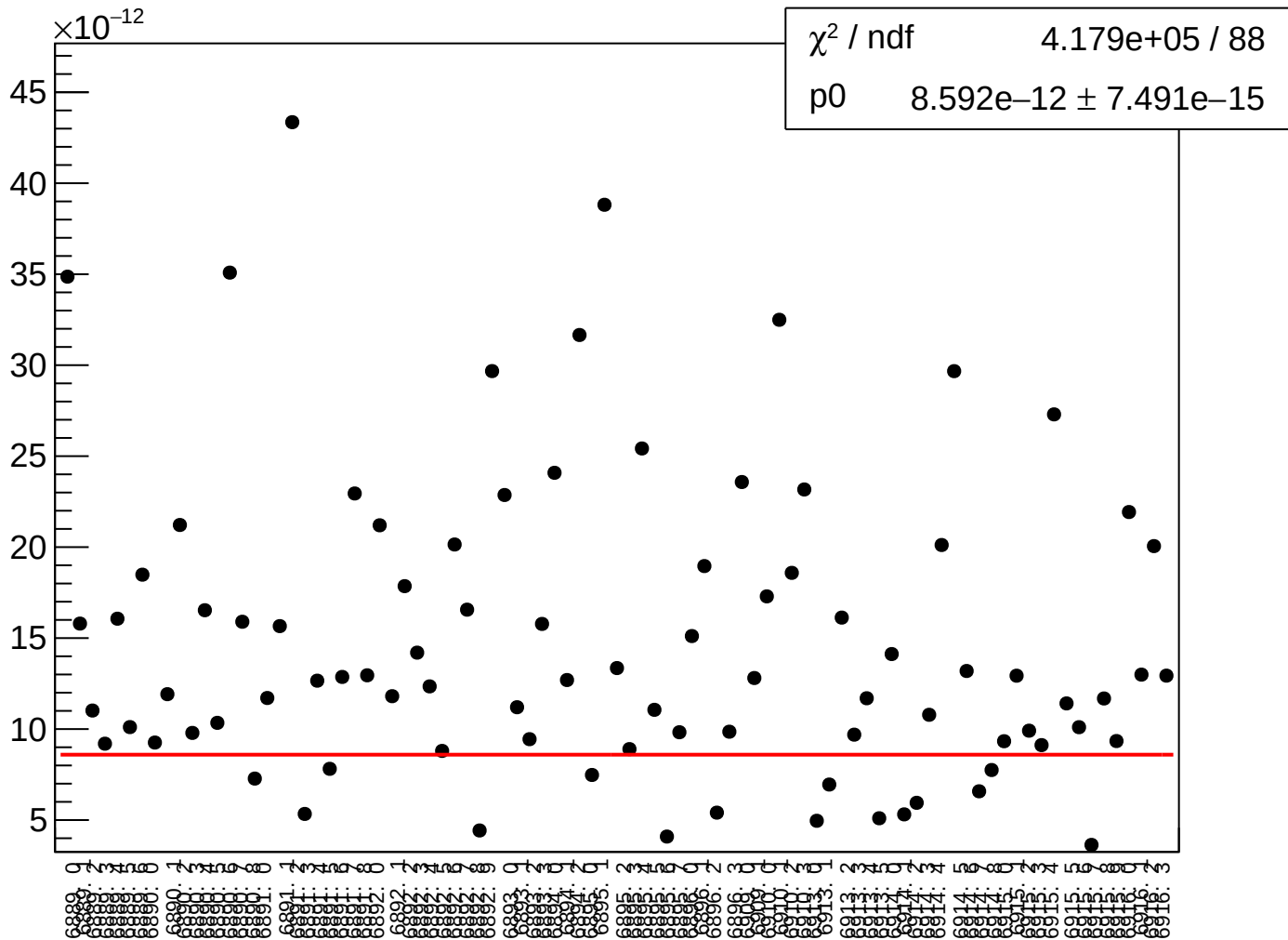
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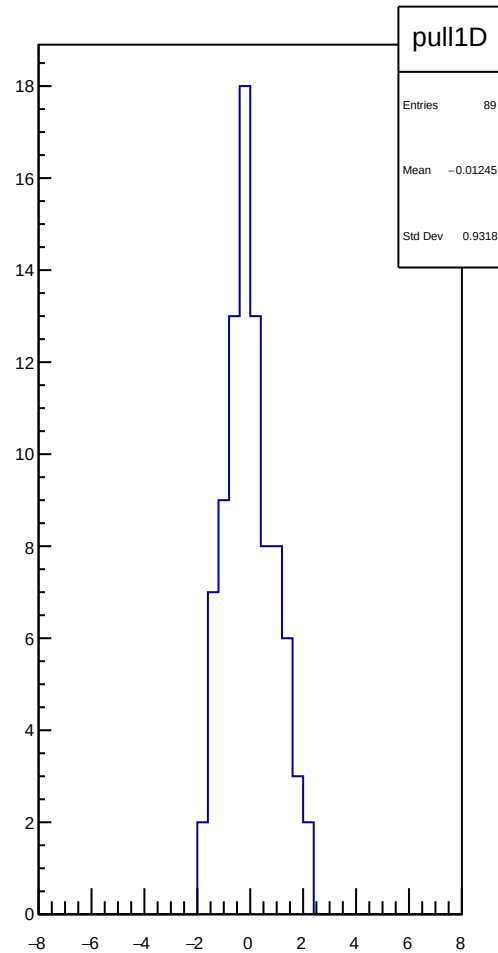
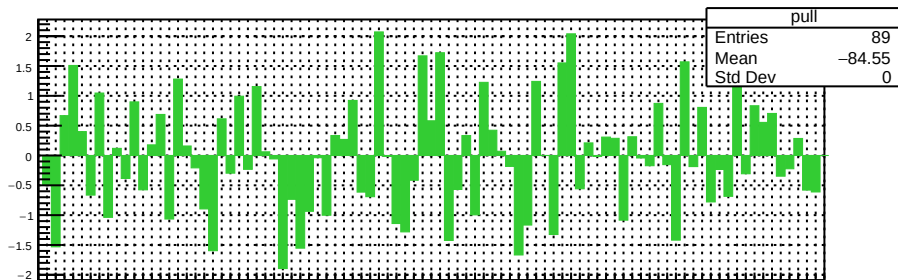
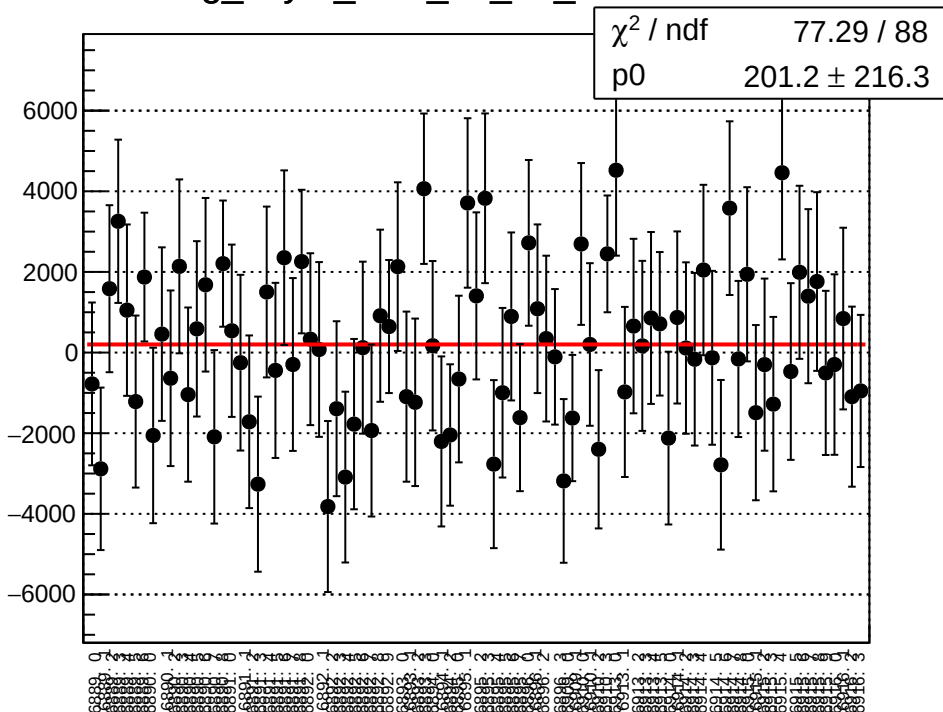
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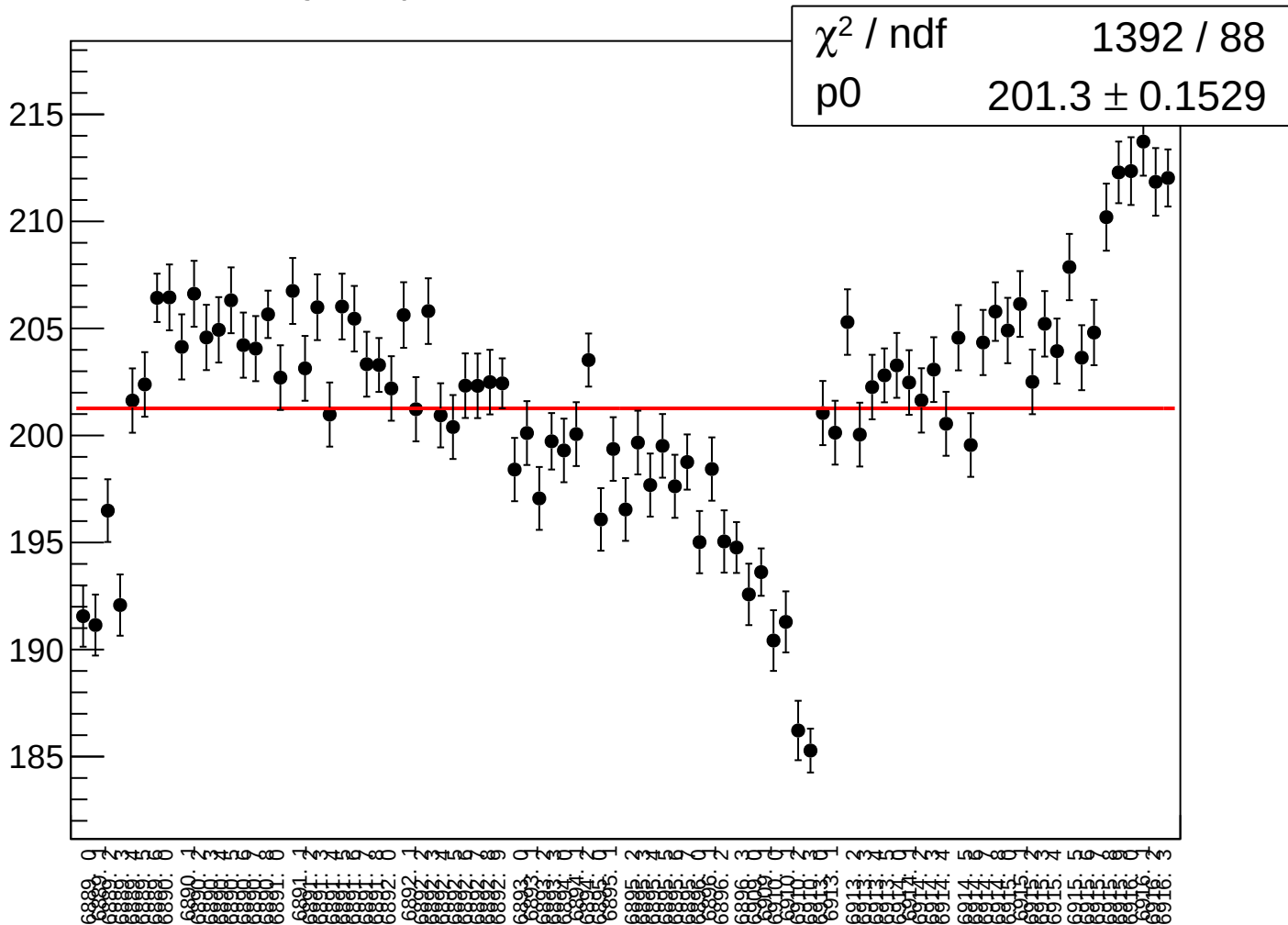
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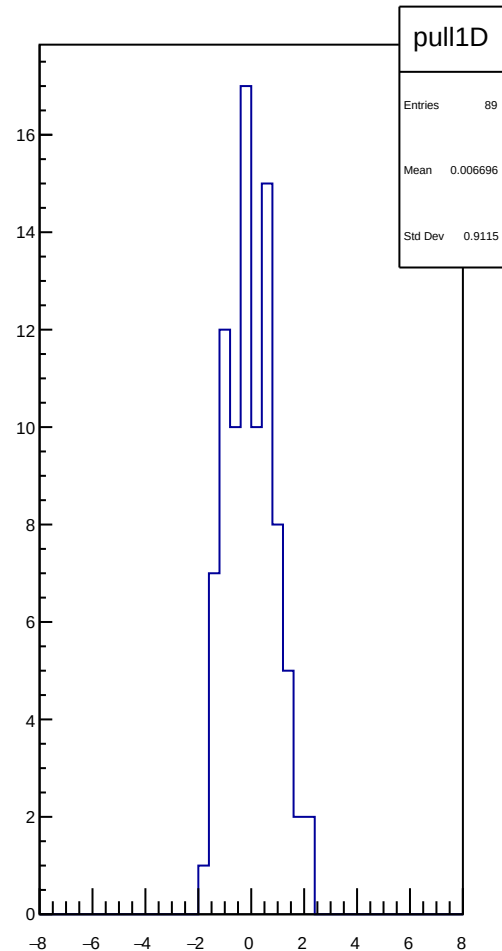
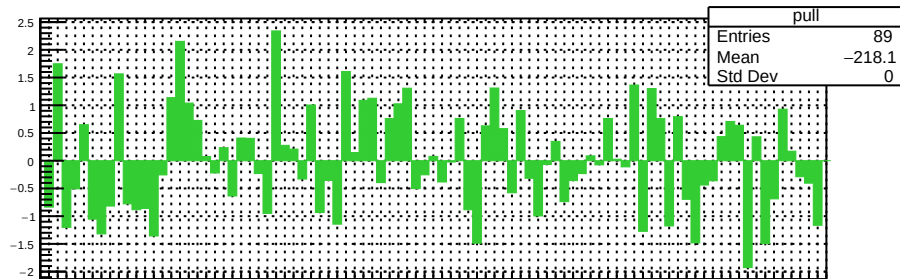
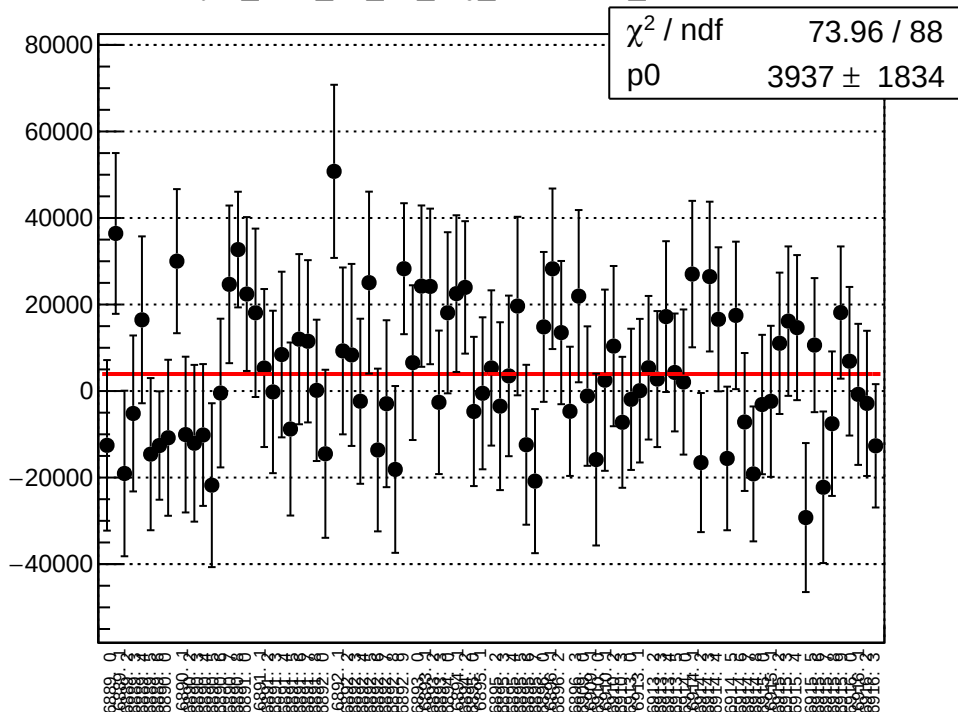
reg_asym_sam_26_dd_mean vs run



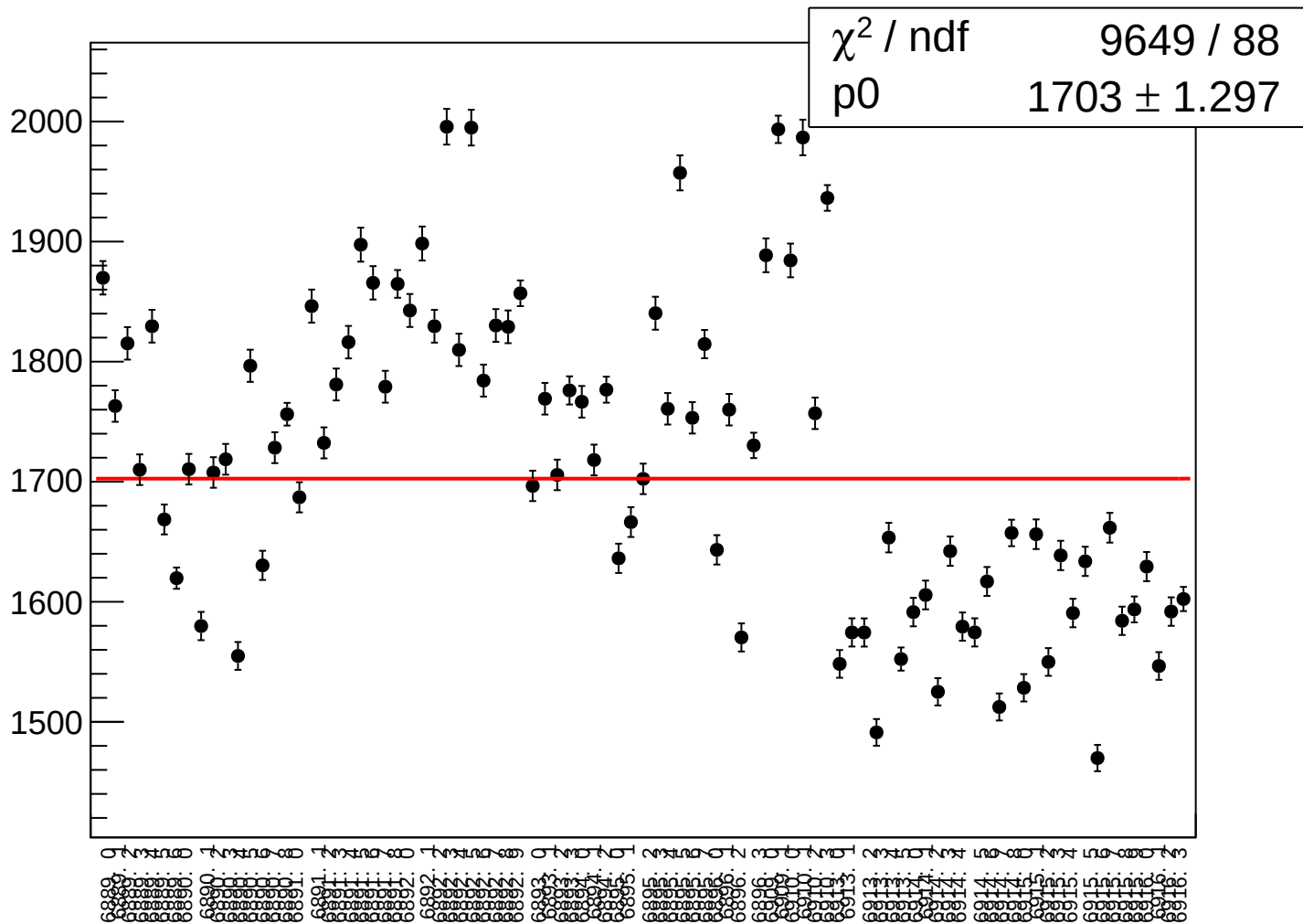
reg_asym_sam_26_dd_rms vs run



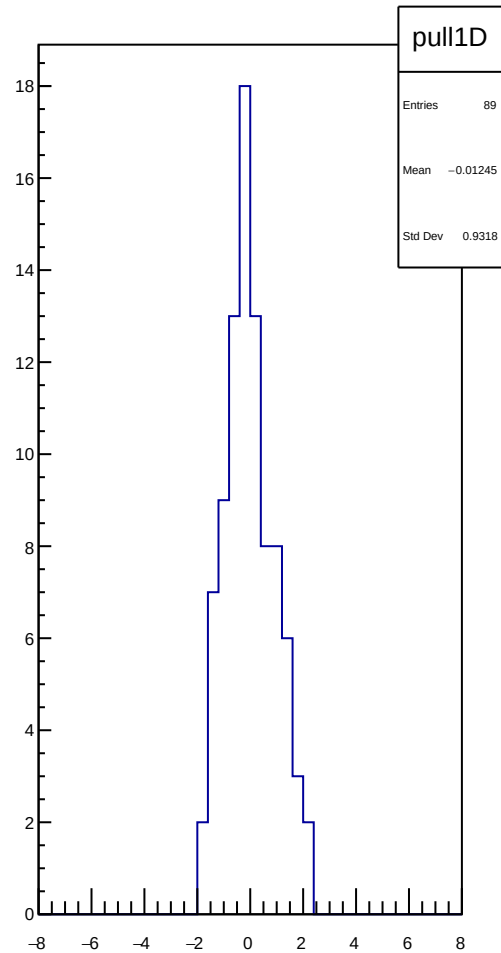
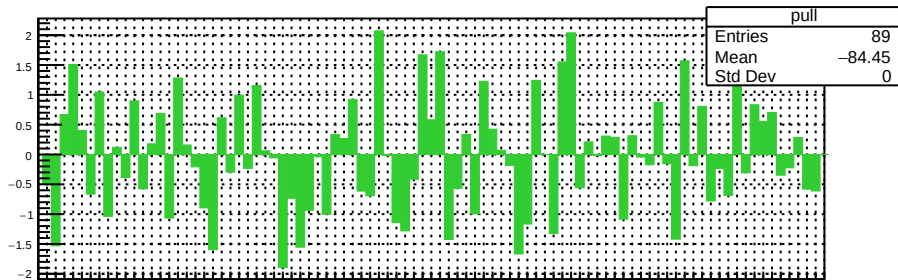
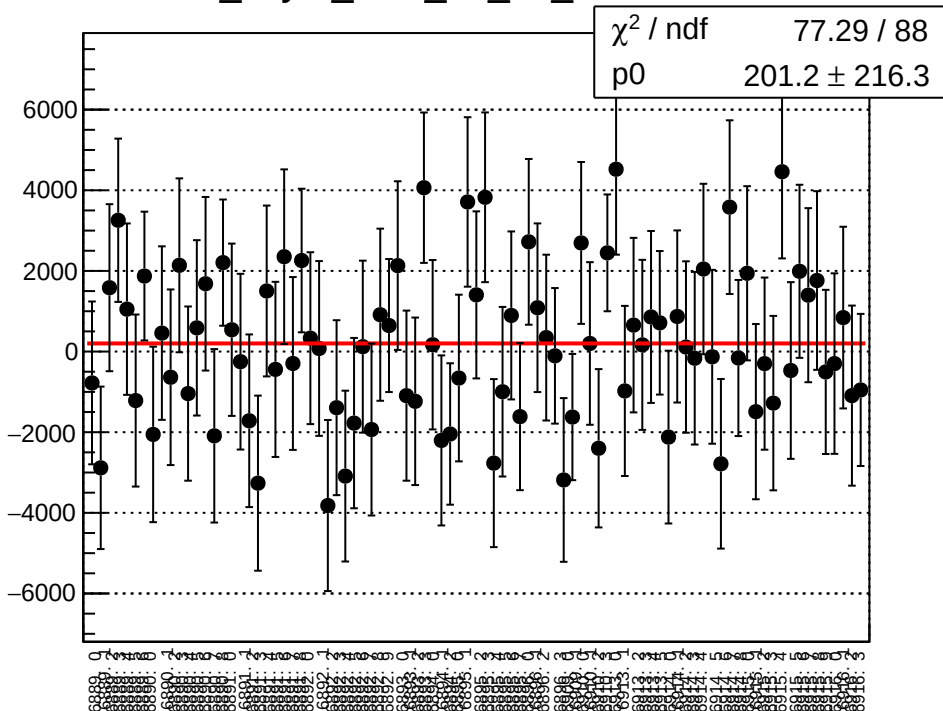
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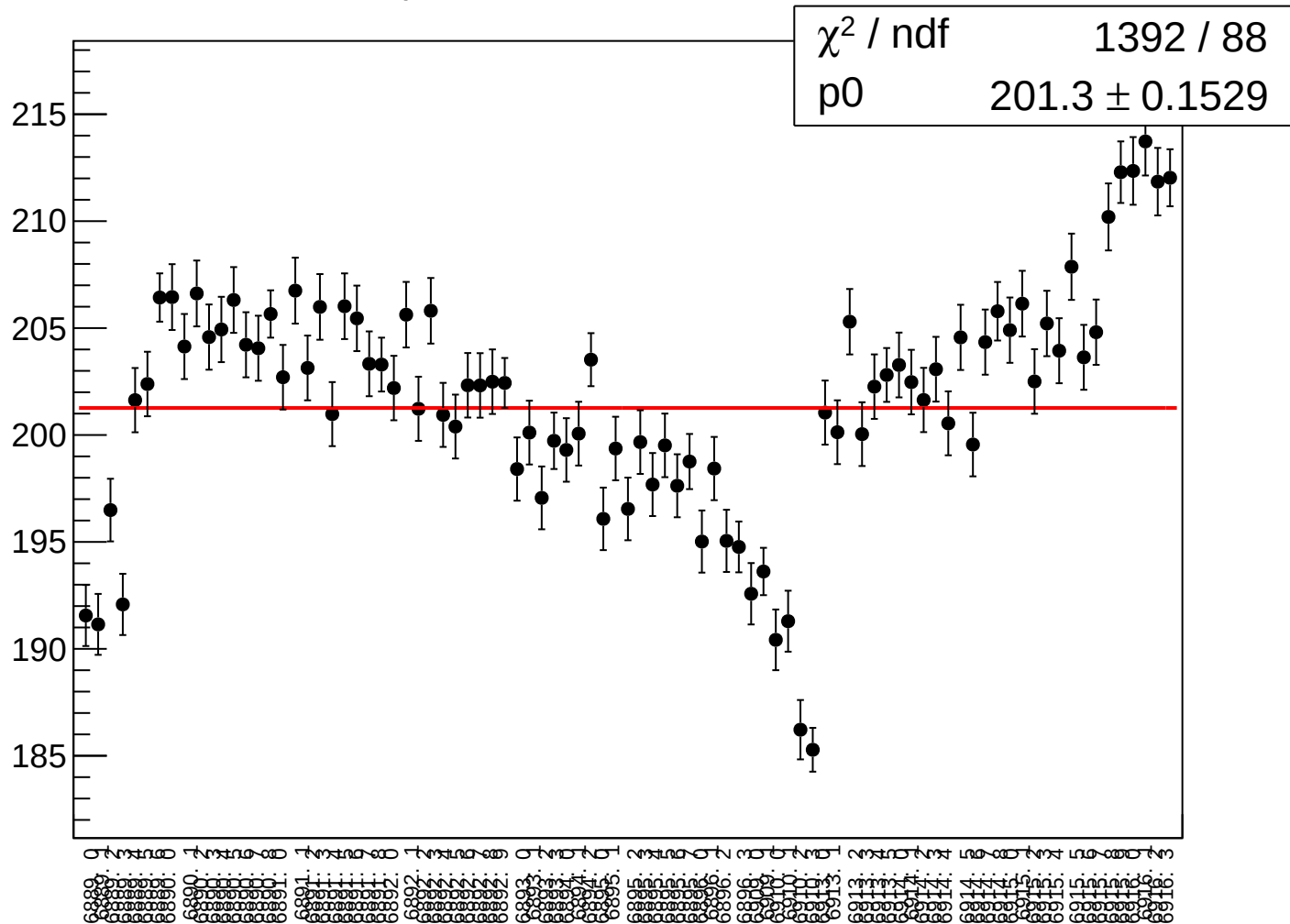
asym_sam_26_dd_reg_correction_rms vs run



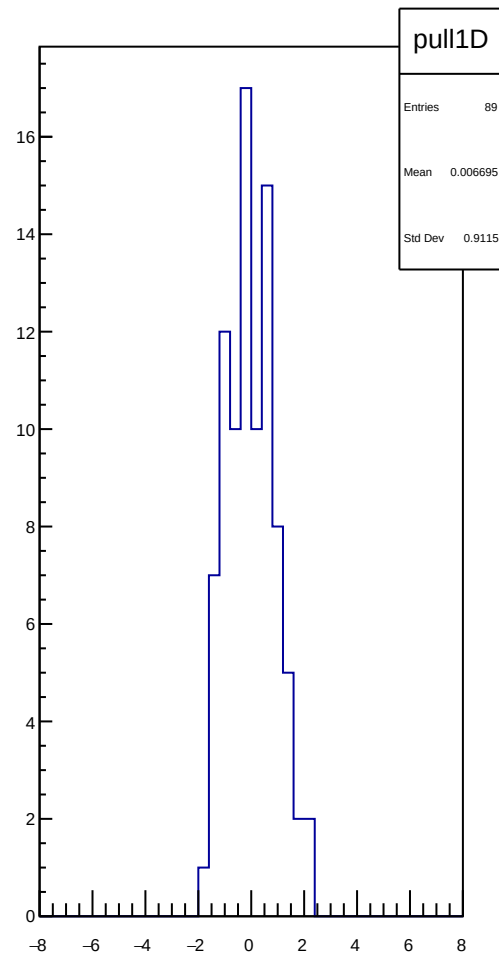
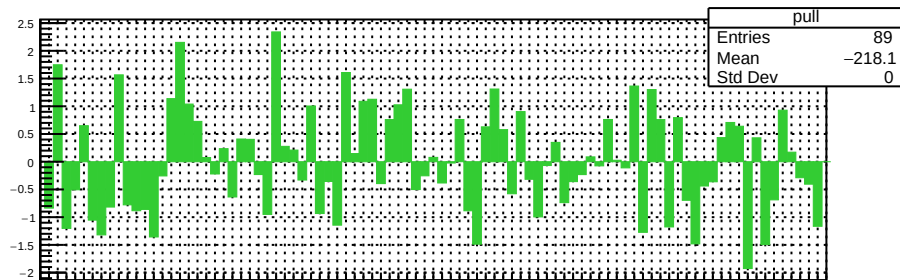
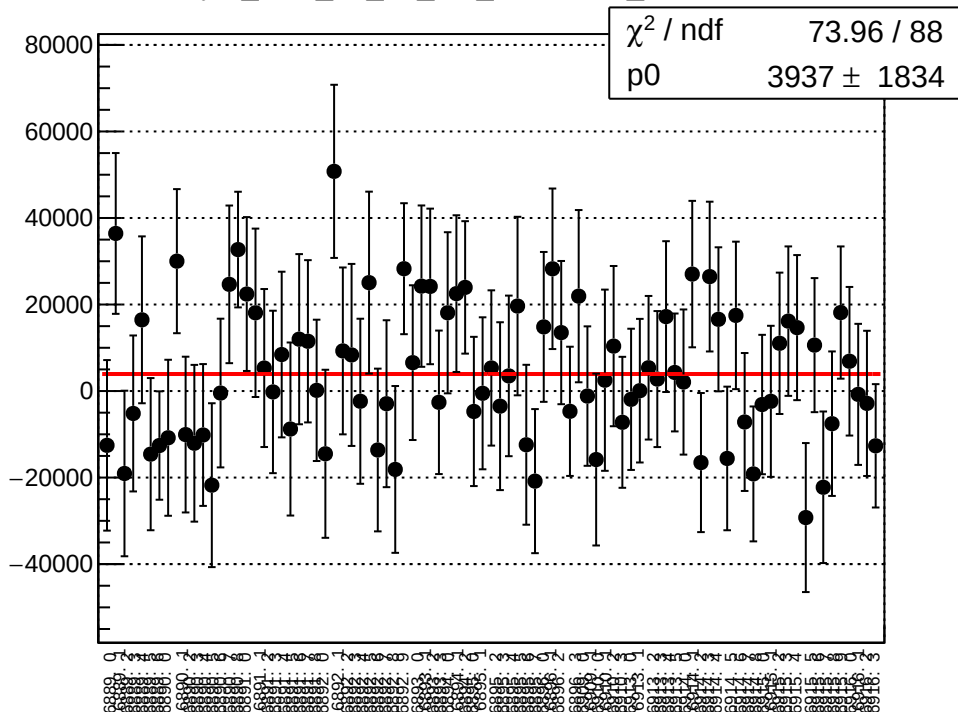
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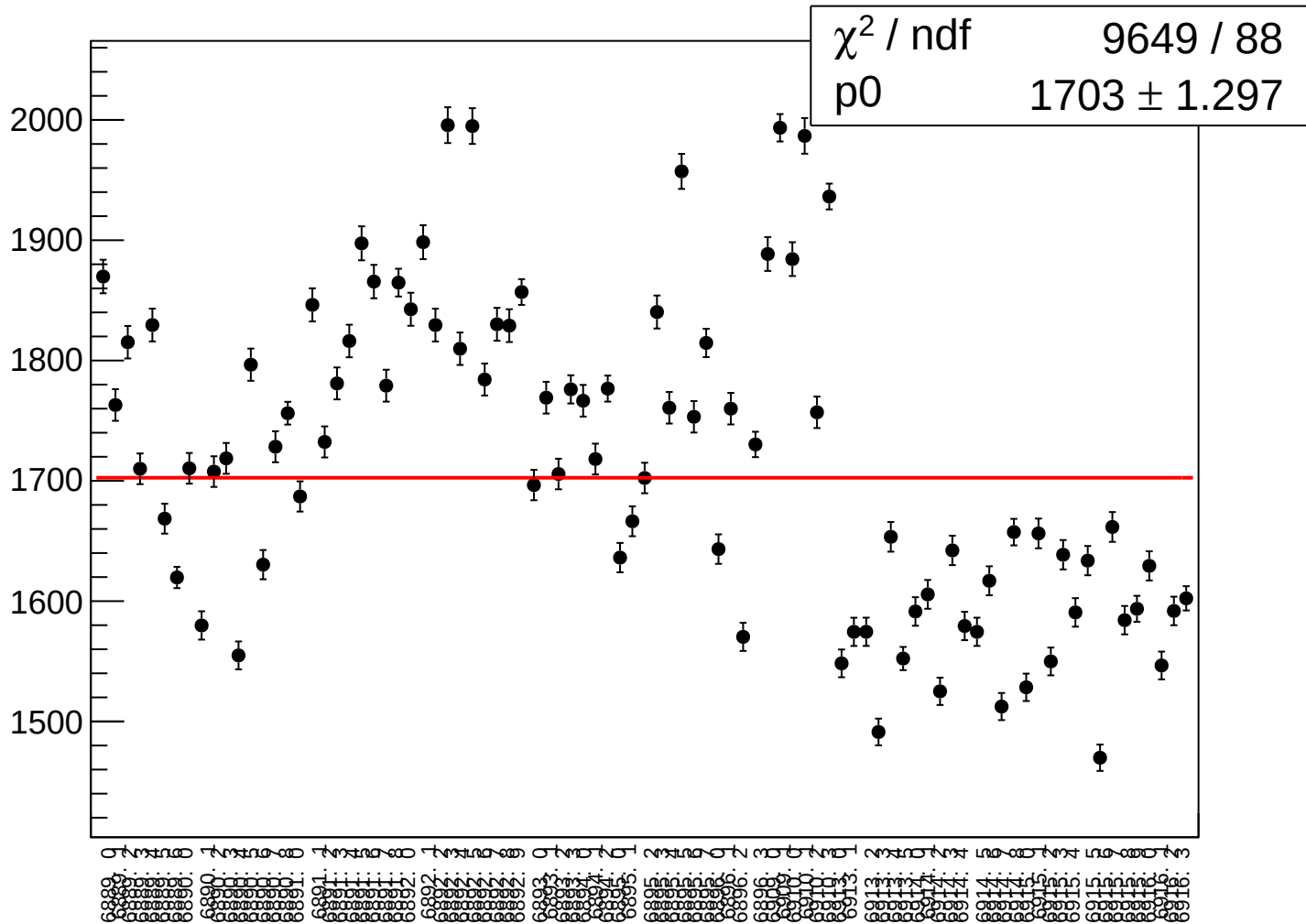
cor_asym_sam_26_dd_rms vs run



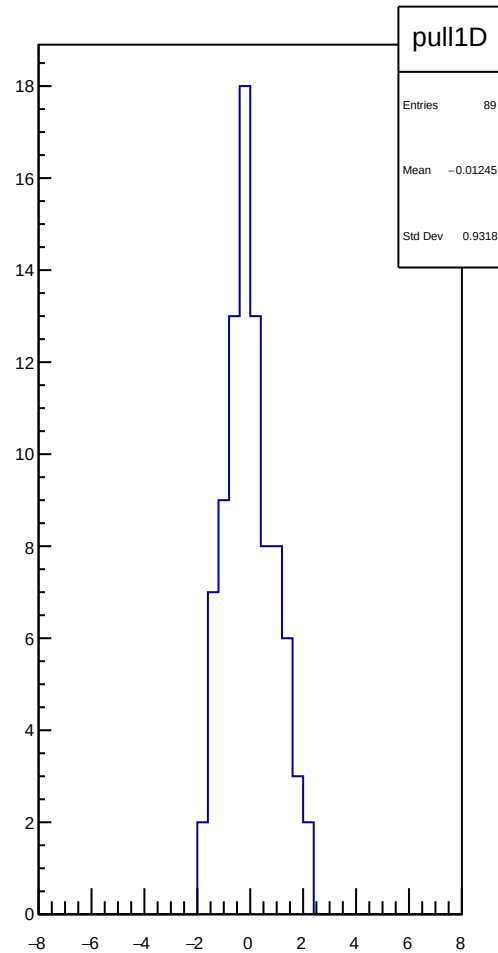
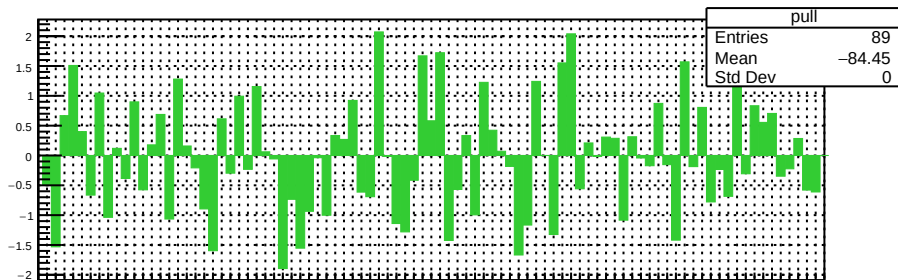
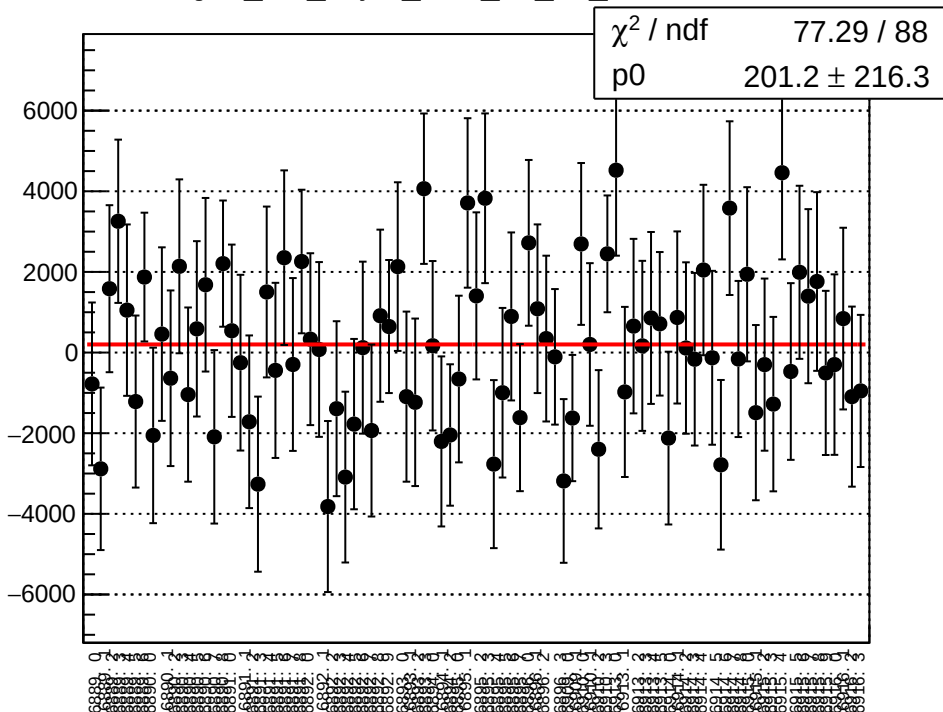
asym_sam_26_dd_cor_correction_mean vs run



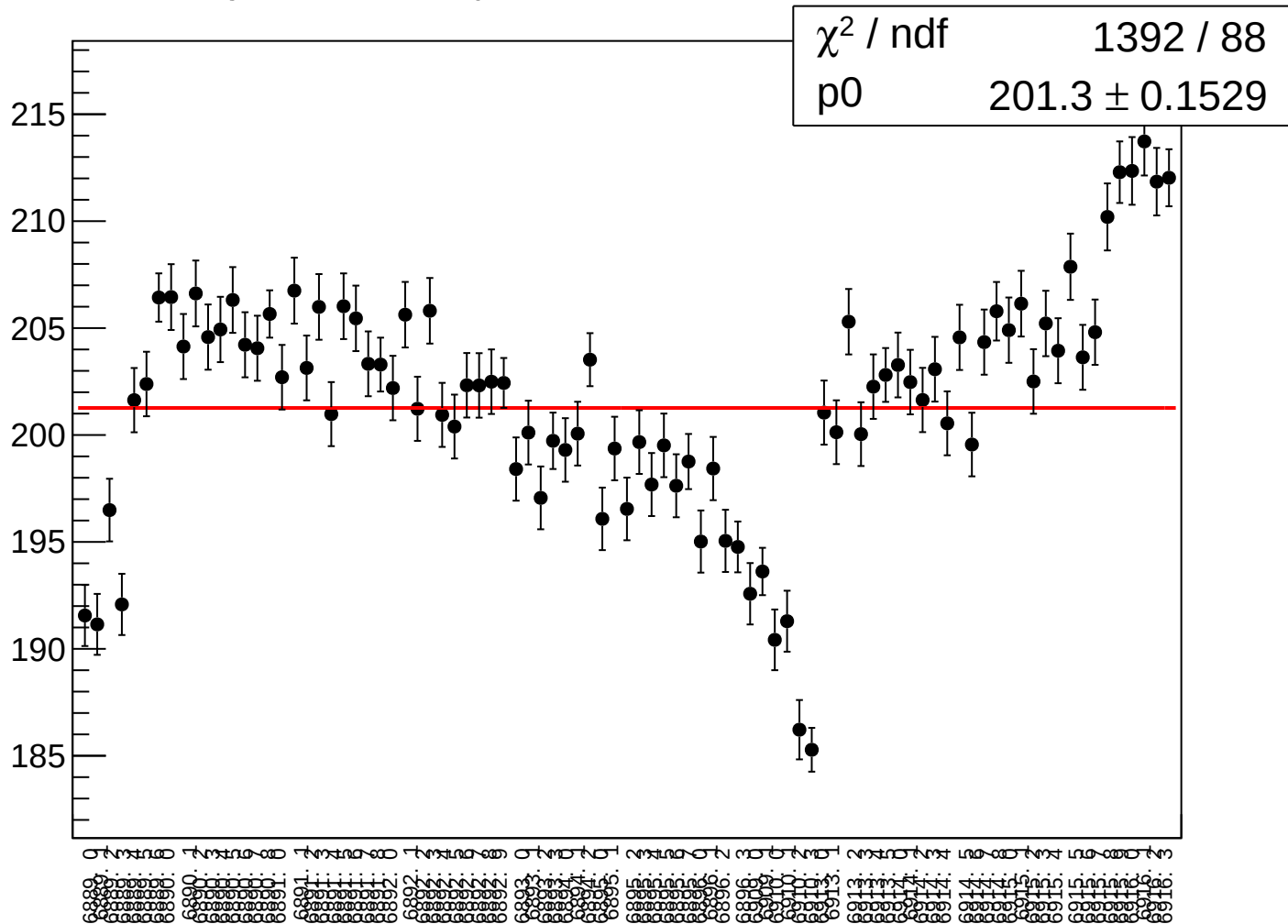
asym_sam_26_dd_cor_correction_rms vs run



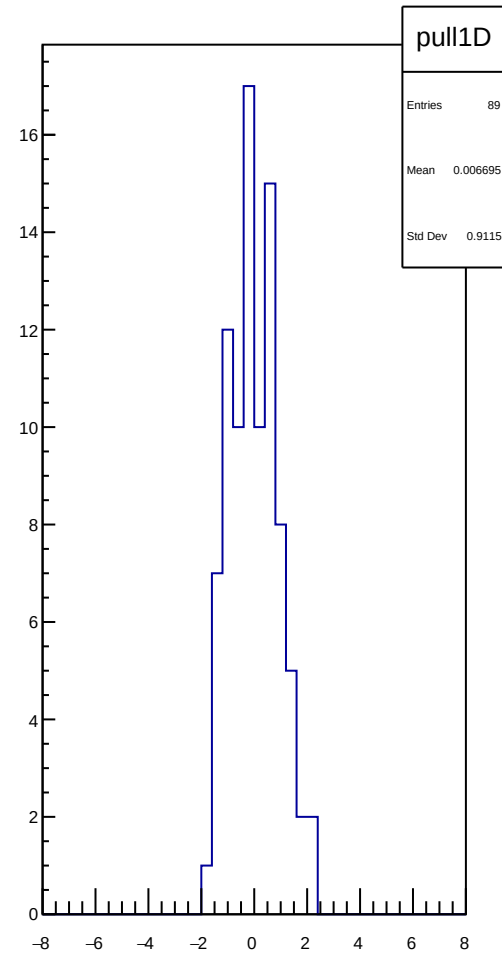
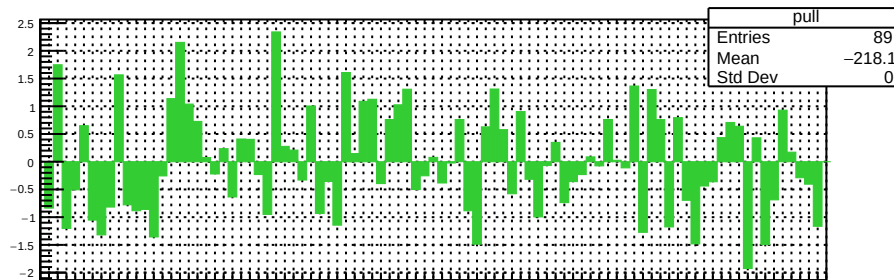
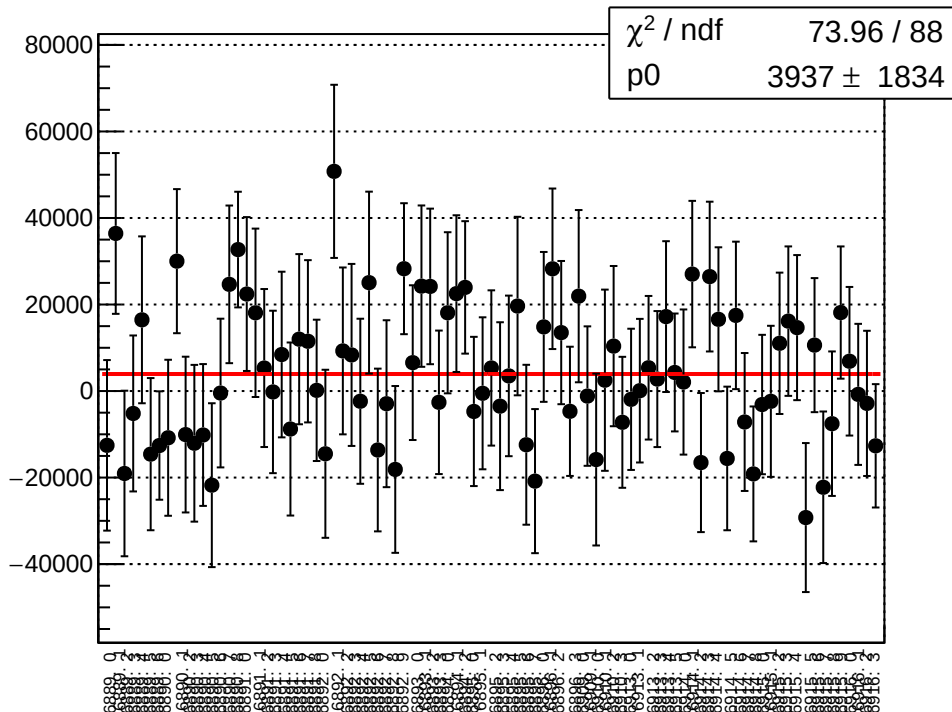
eigen_cor_asym_sam_26_dd_mean vs run



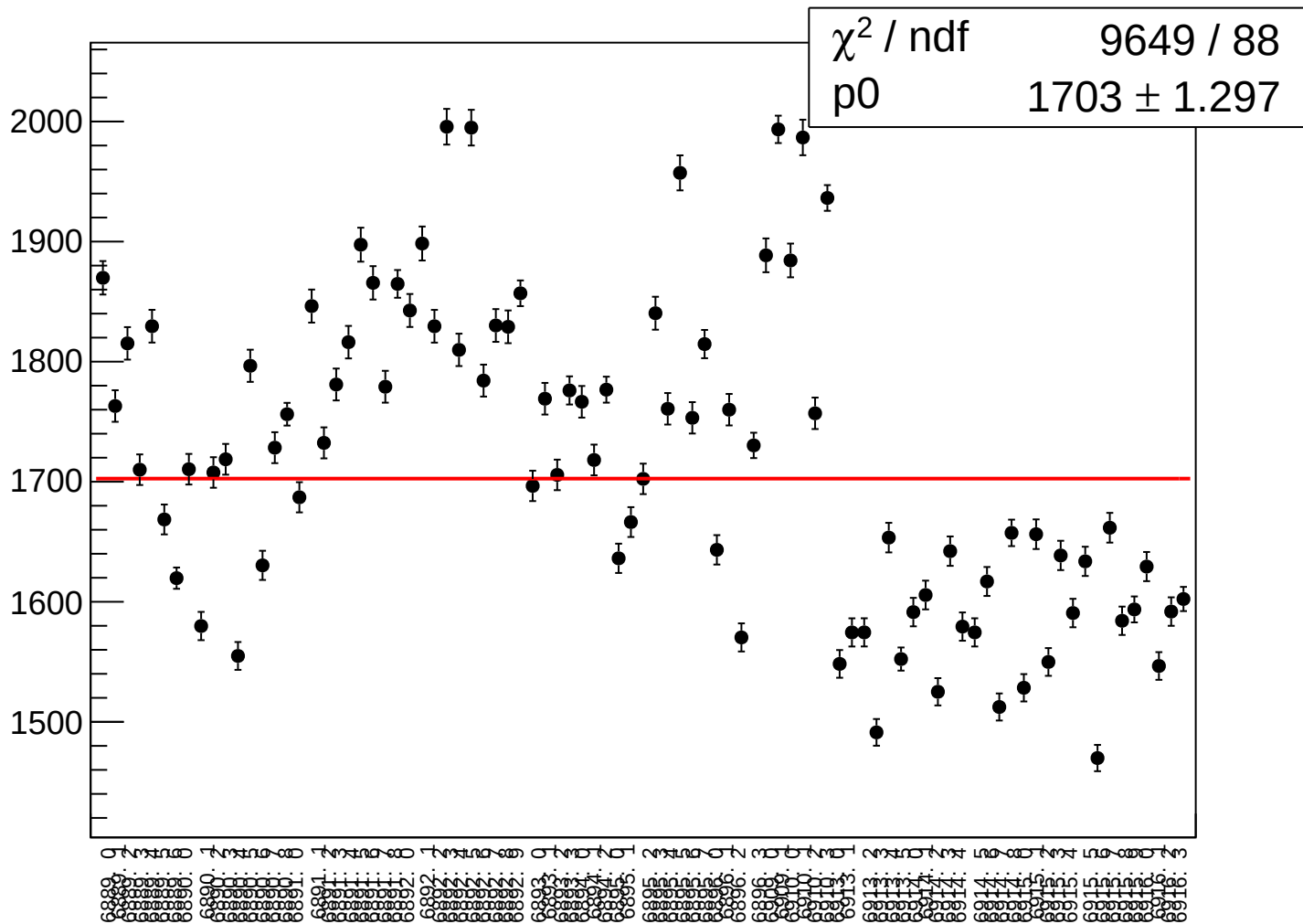
eigen_cor_asym_sam_26_dd_rms vs run



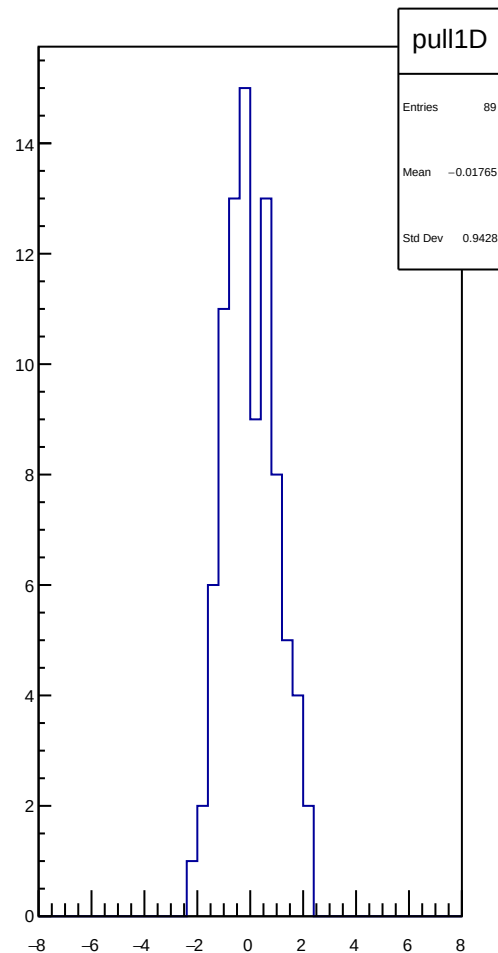
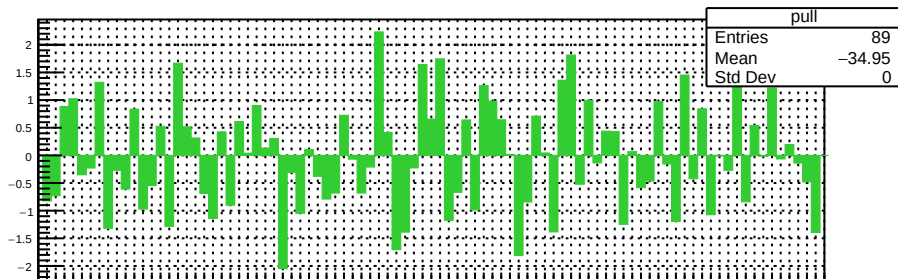
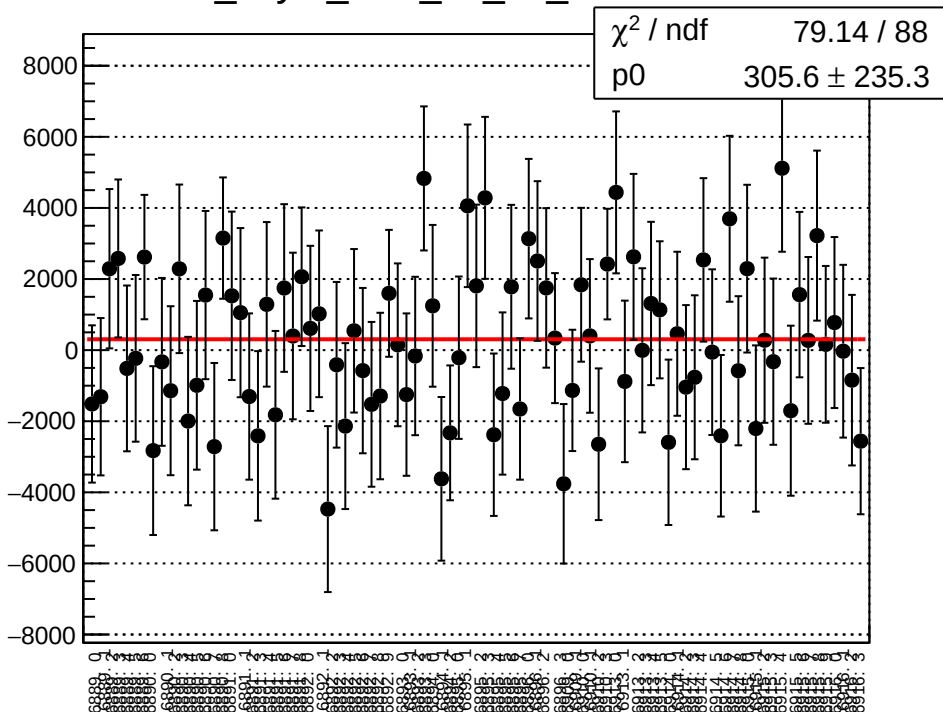
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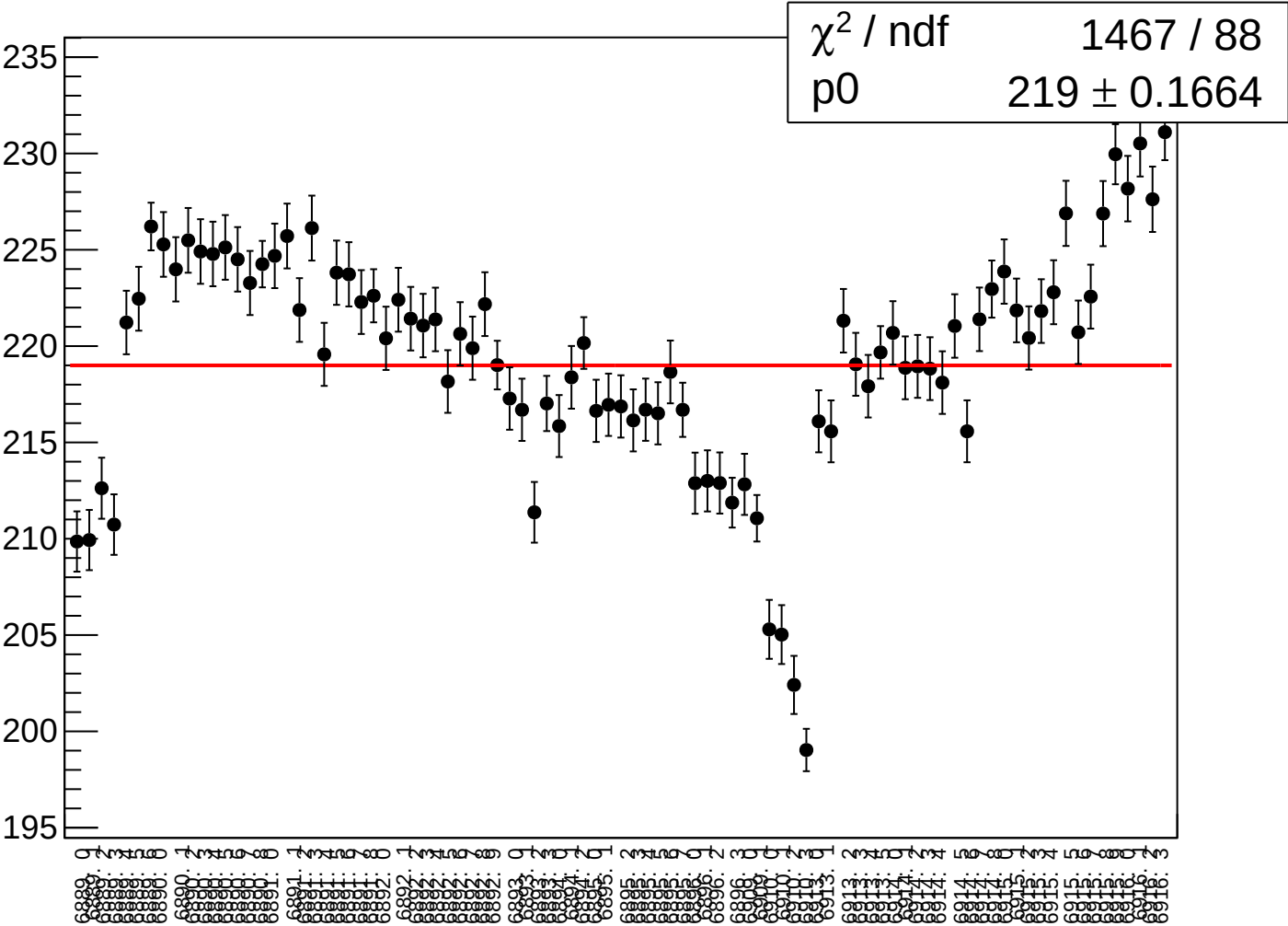
asym_sam_26_dd_eigen_cor_correction_rms vs run



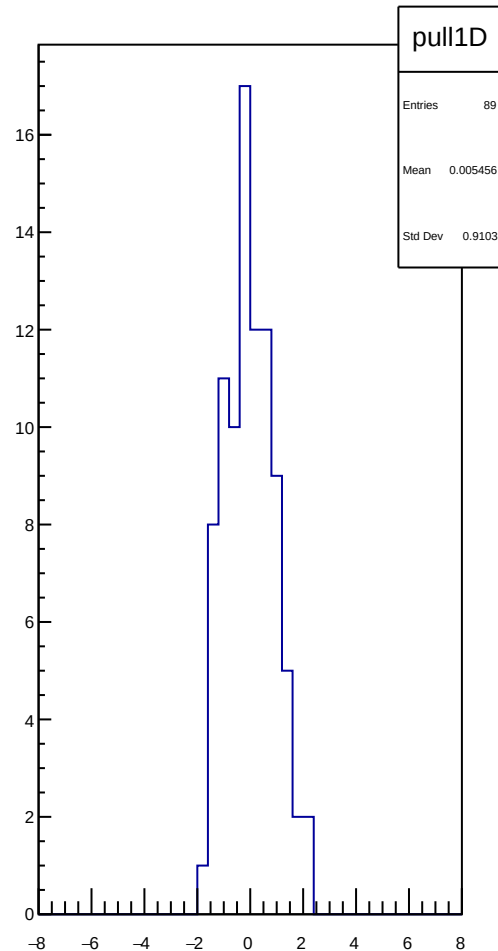
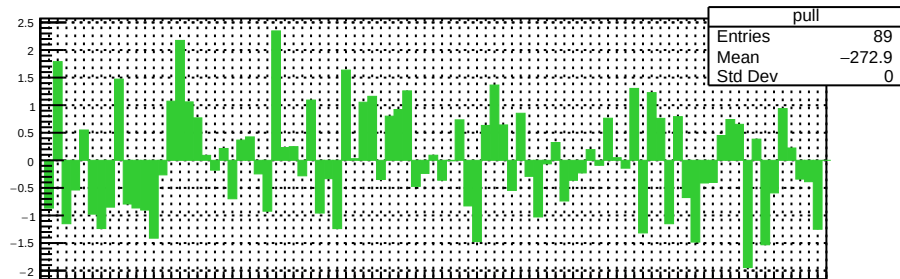
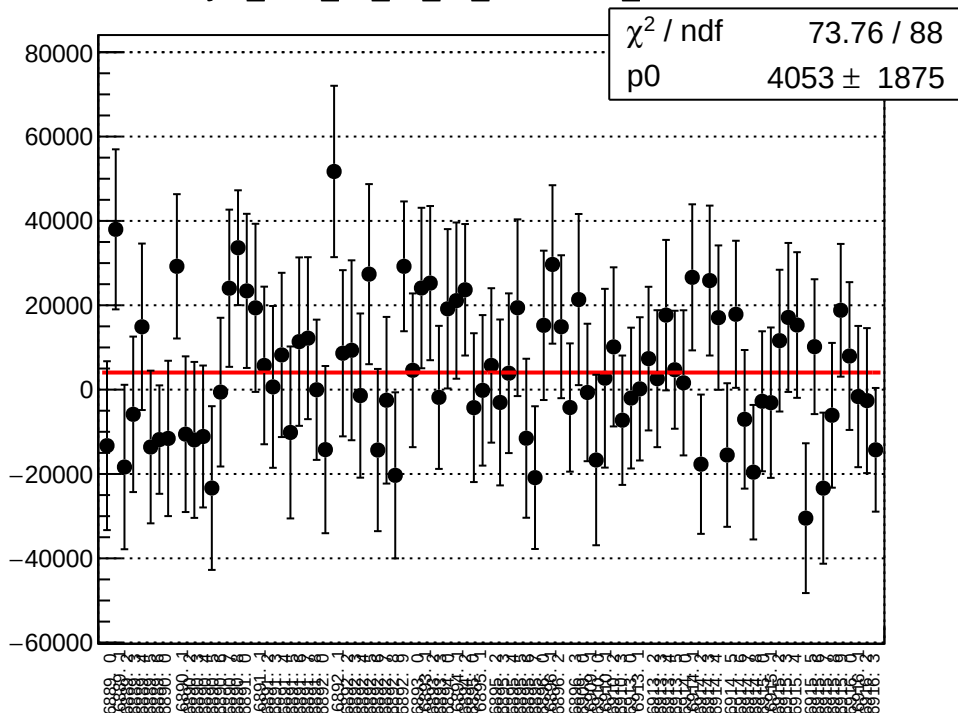
dit_asym_sam_26_dd_mean vs run



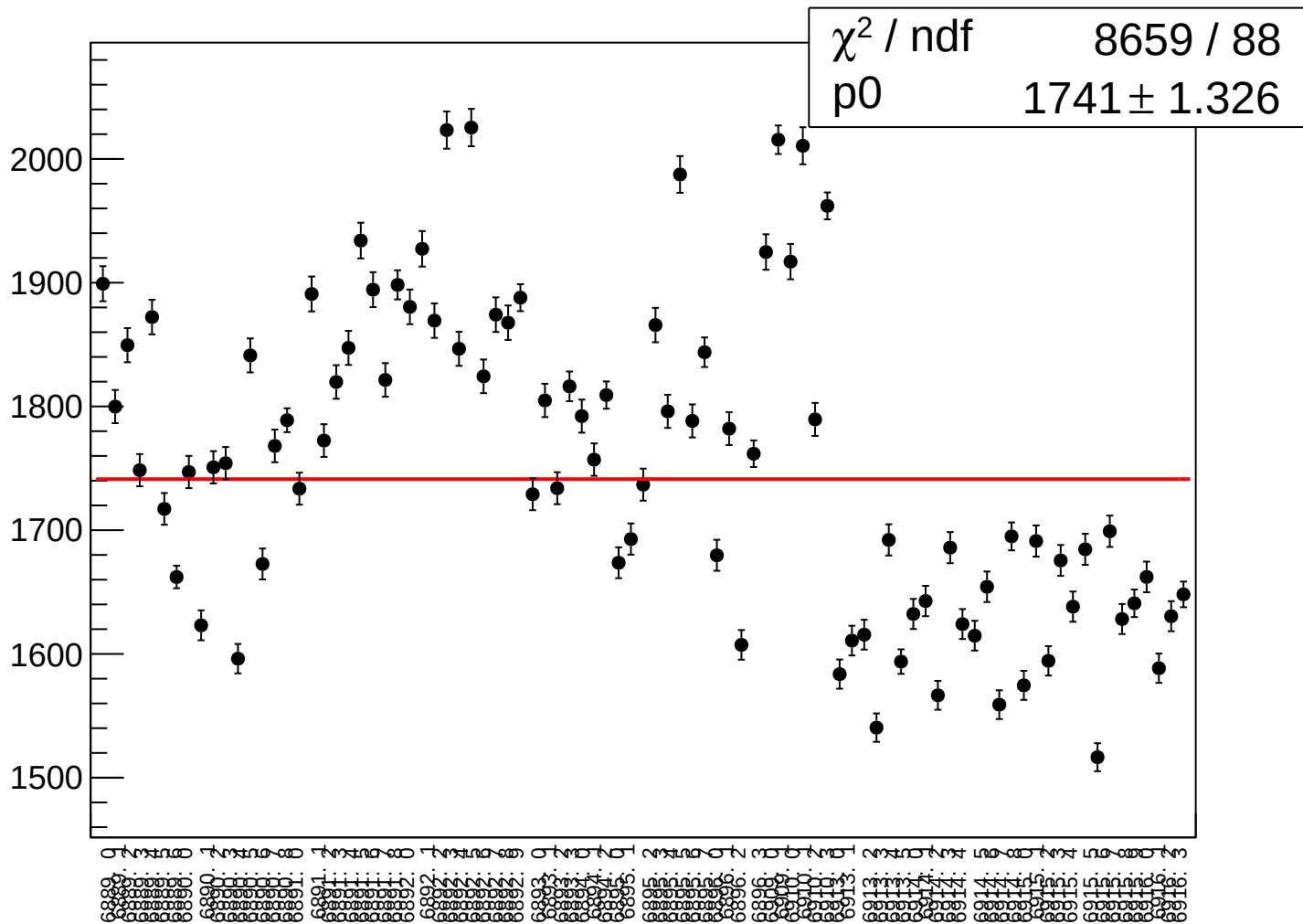
dit_asym_sam_26_dd_rms vs run



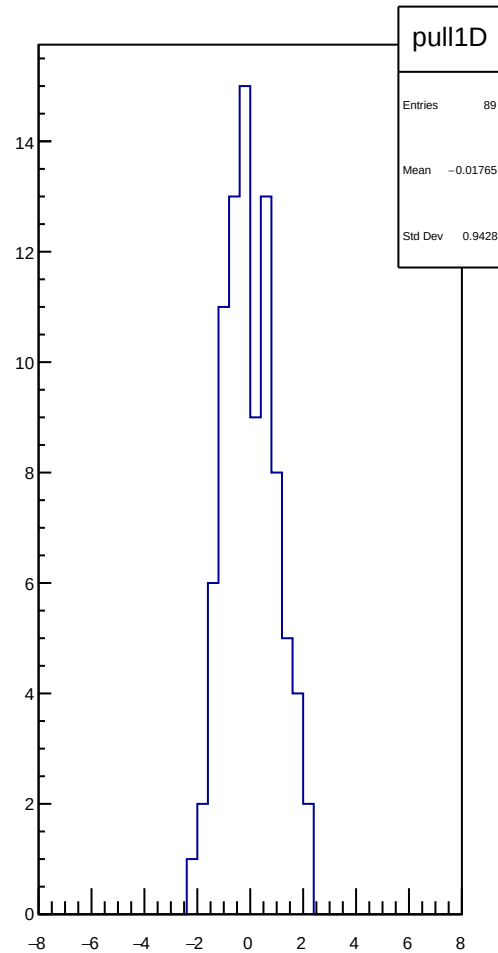
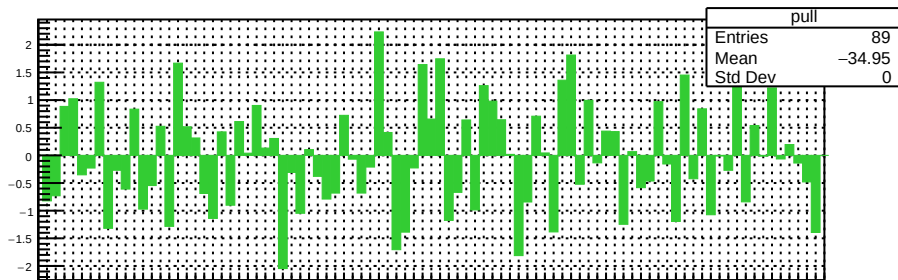
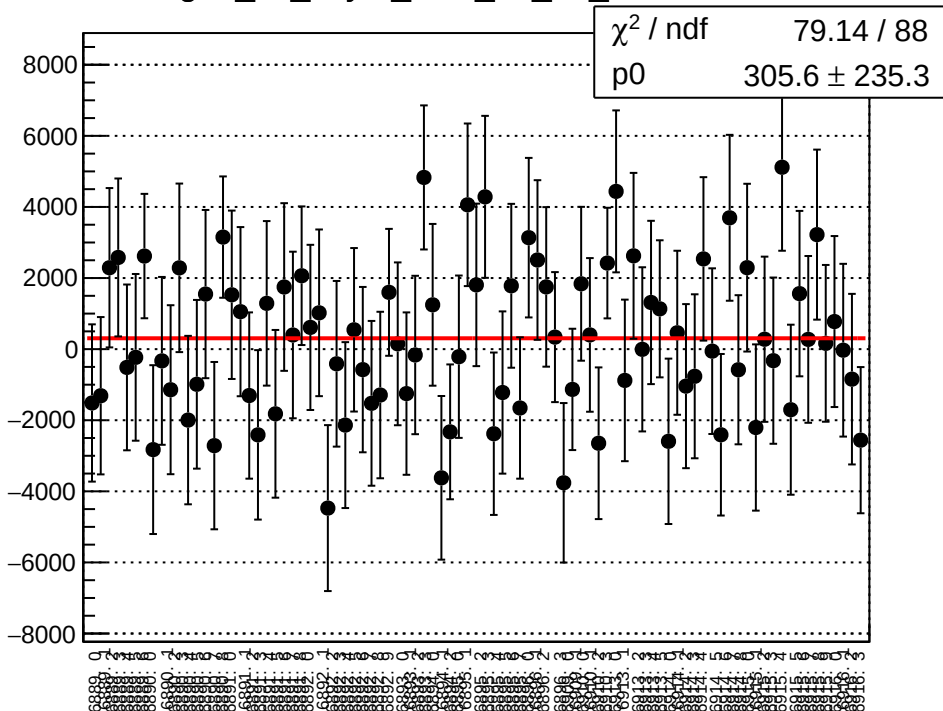
asym_sam_26_dd_dit_correction_mean vs run



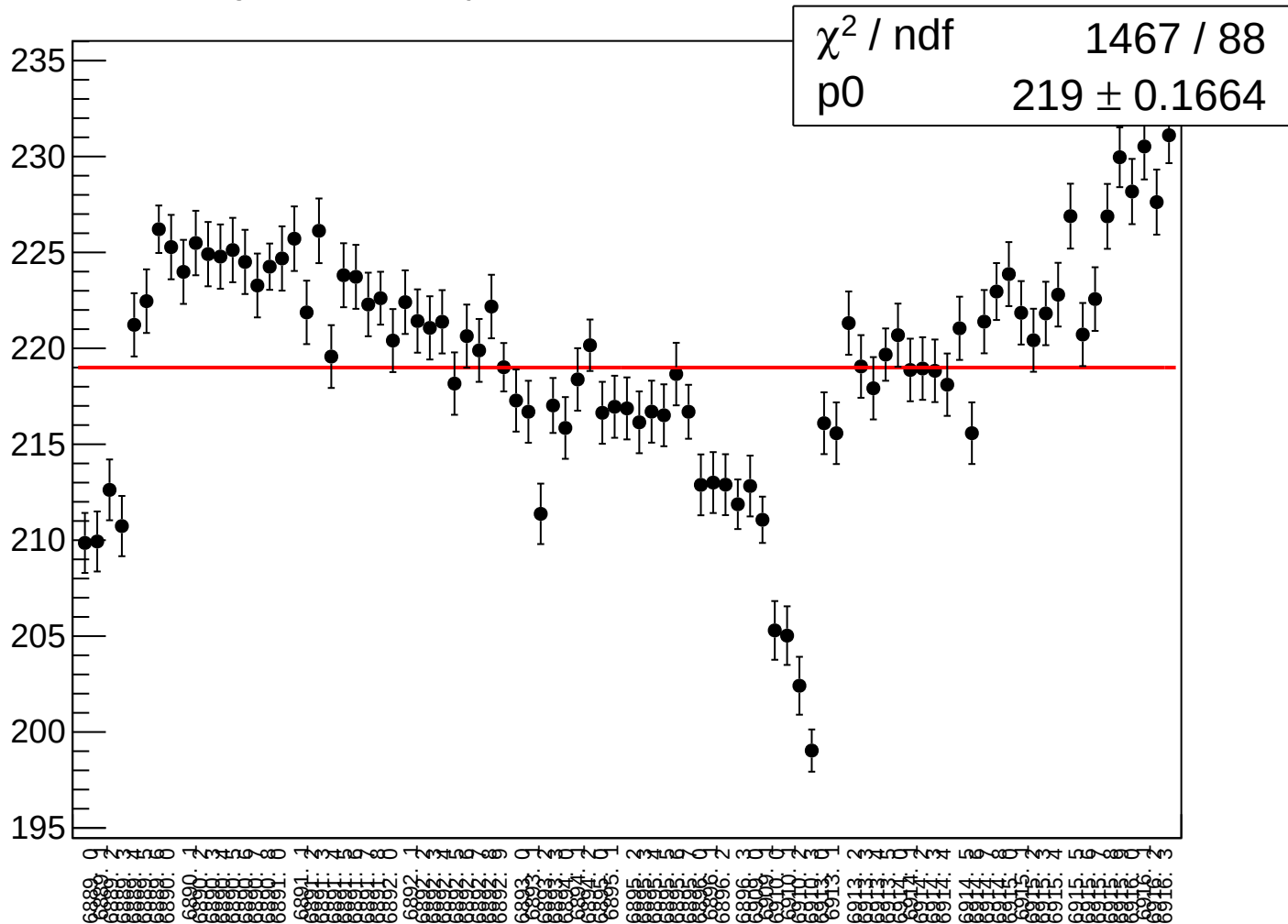
asym_sam_26_dd_dit_correction_rms vs run



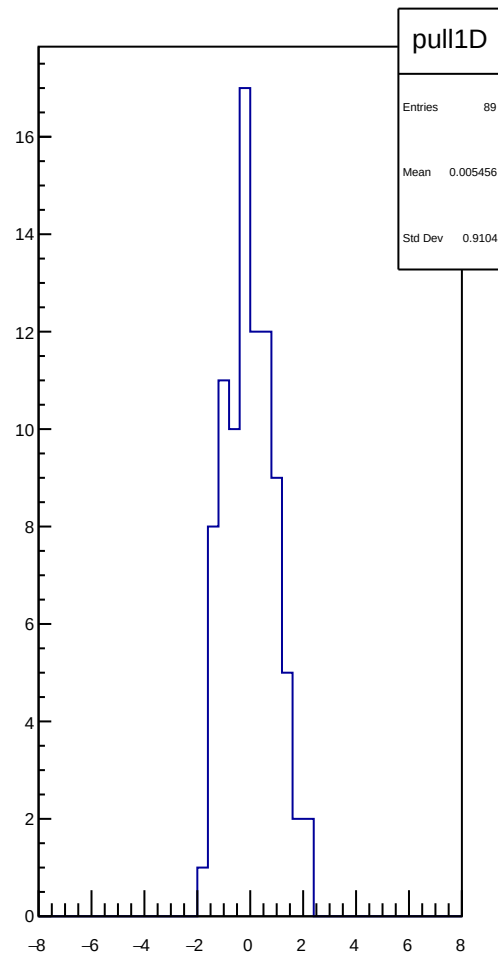
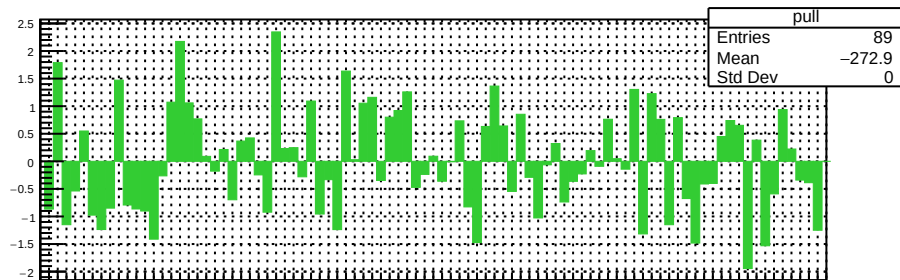
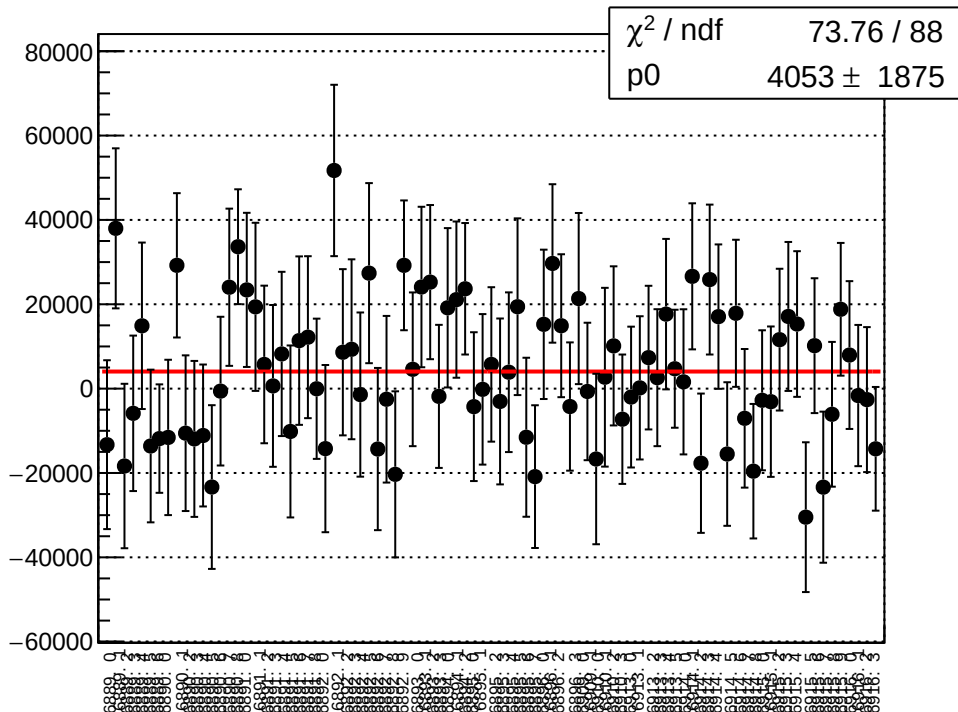
eigen_dit_asym_sam_26_dd_mean vs run



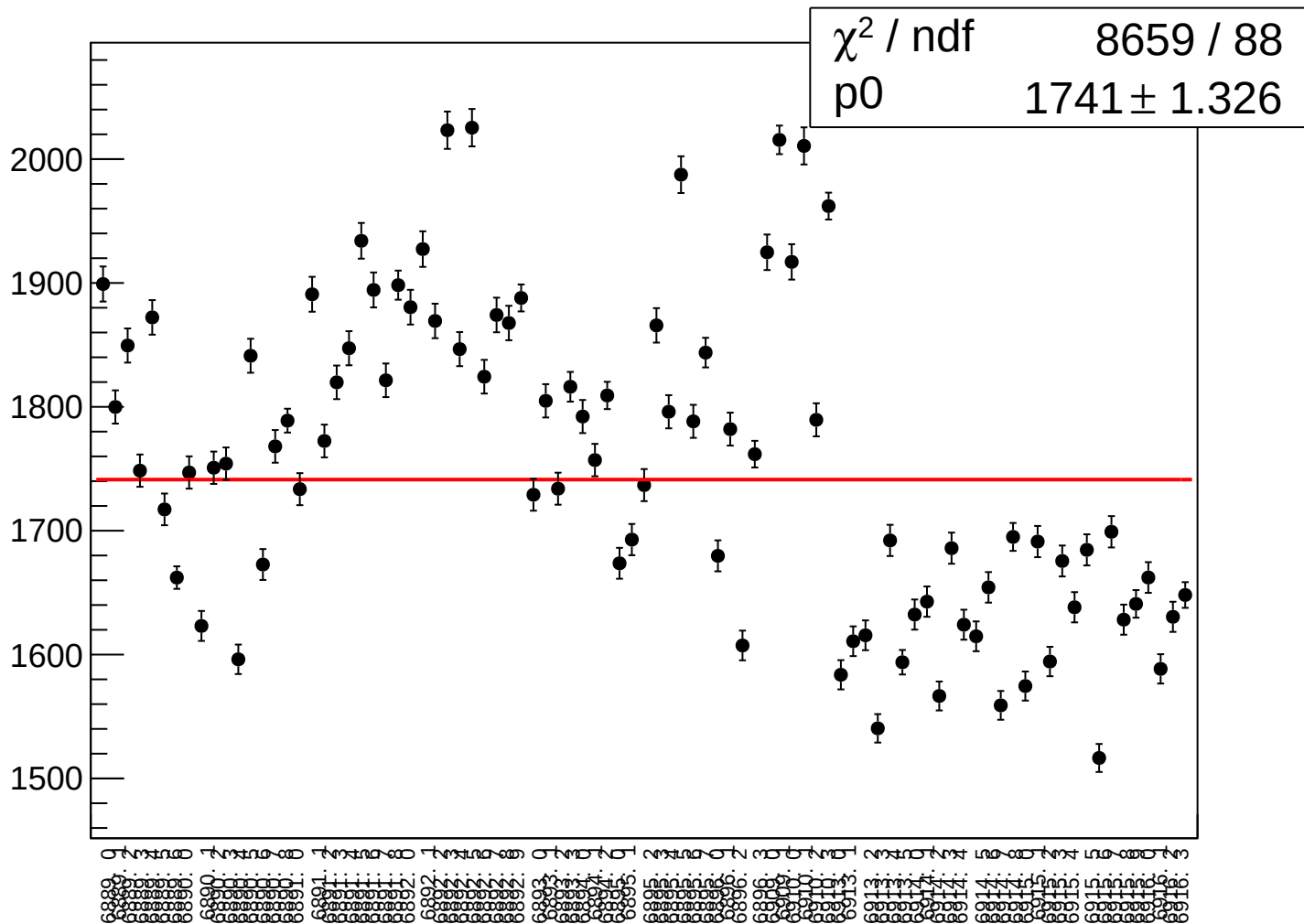
eigen_dit_asym_sam_26_dd_rms vs run



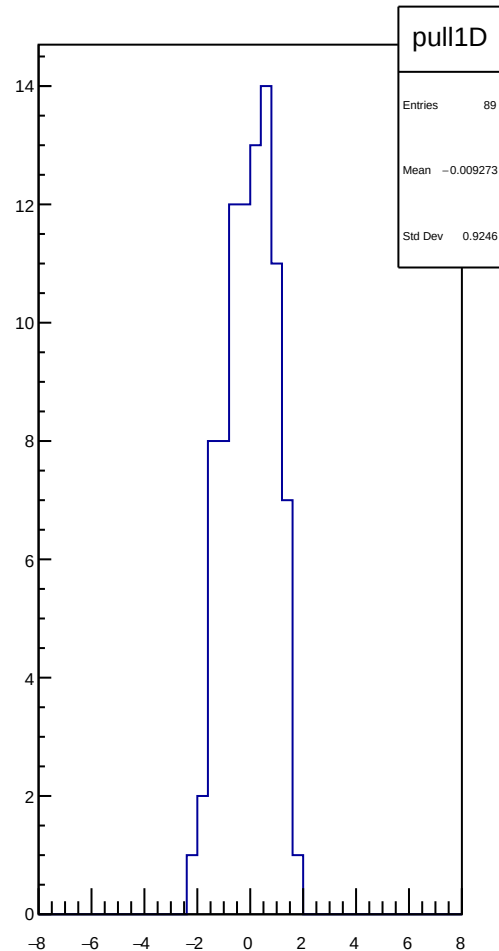
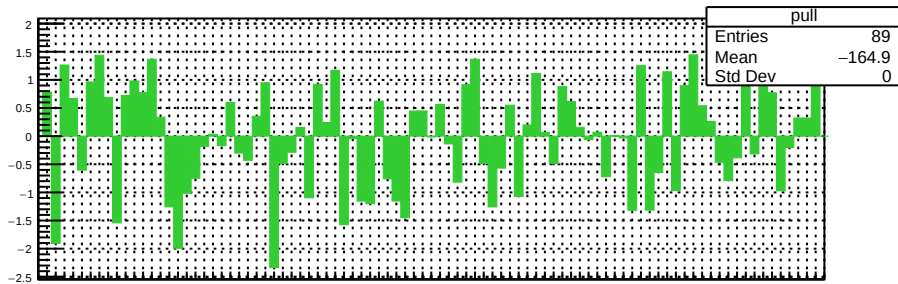
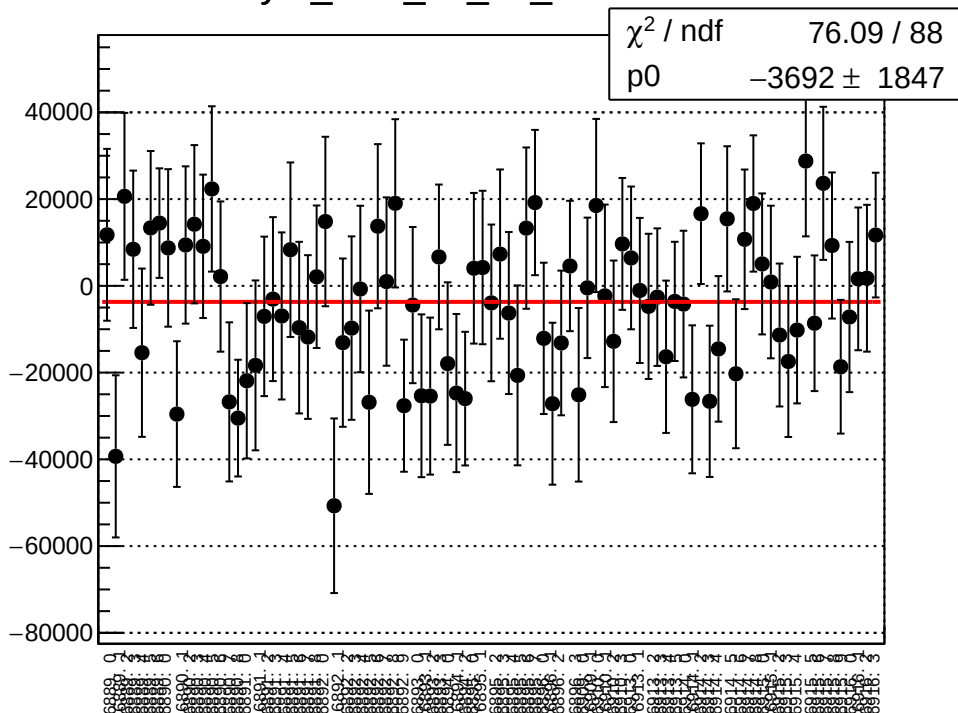
asym_sam_26_dd_eigen_dit_correction_mean vs run



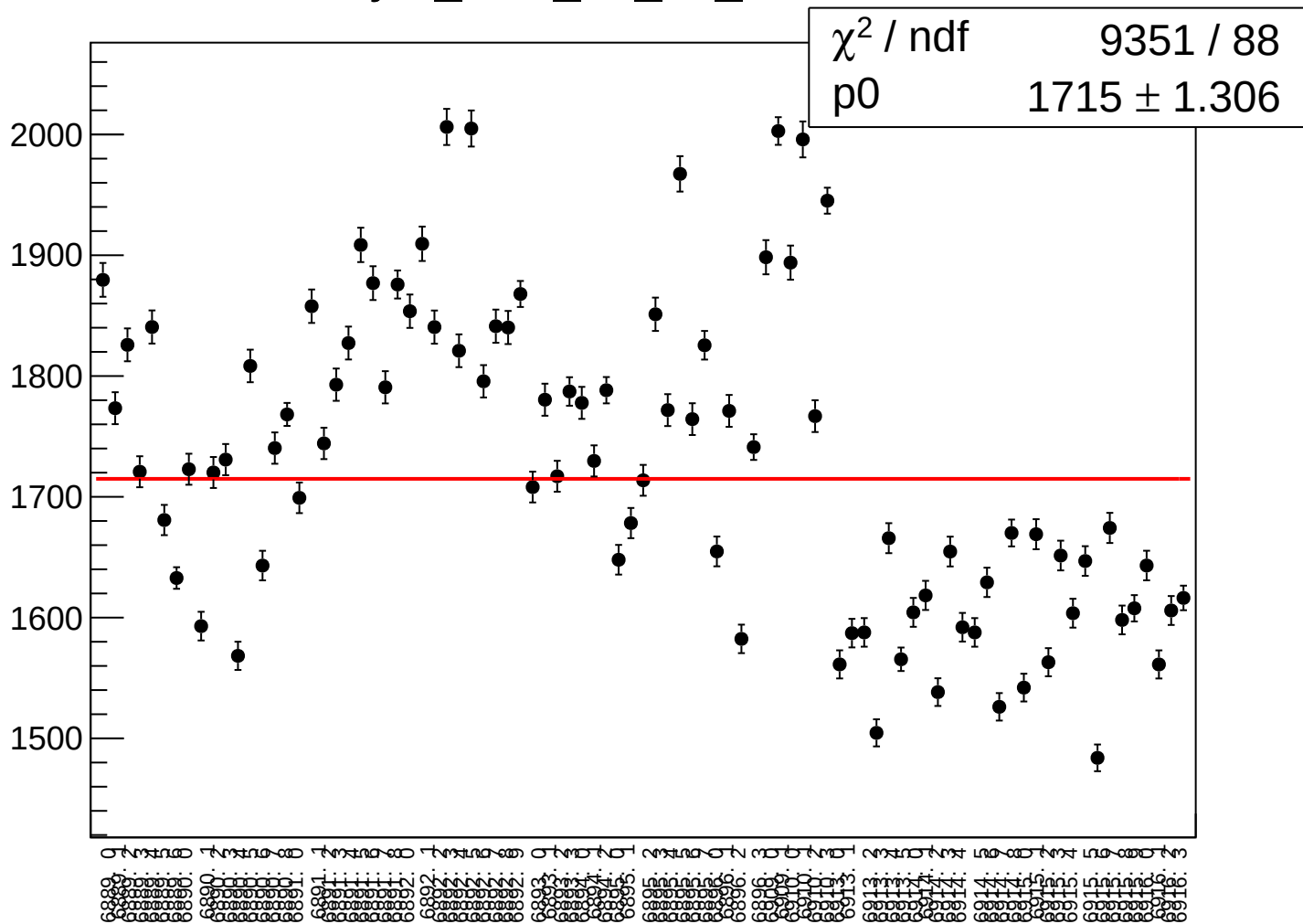
asym_sam_26_dd_eigen_dit_correction_rms vs run



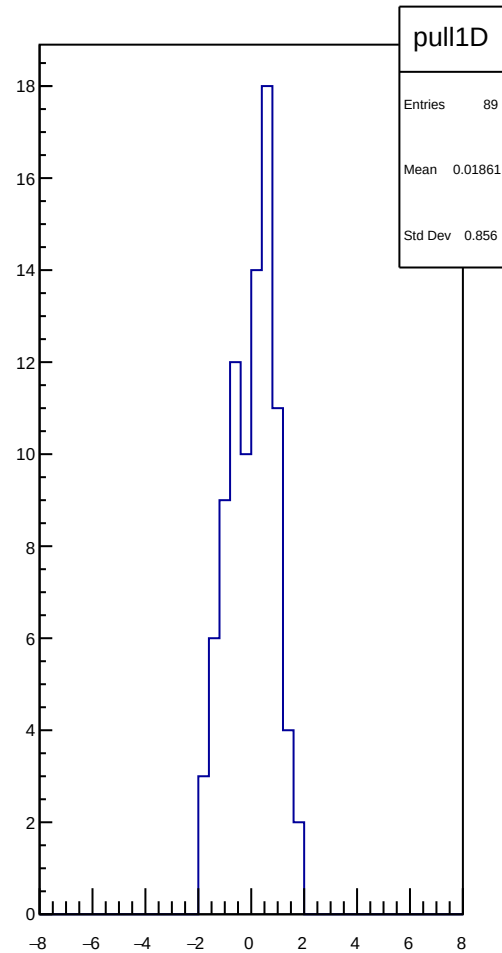
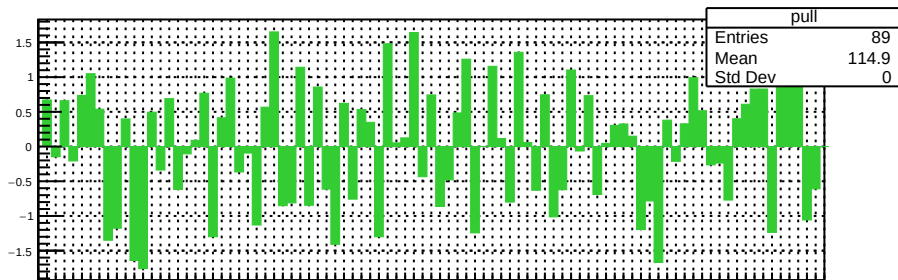
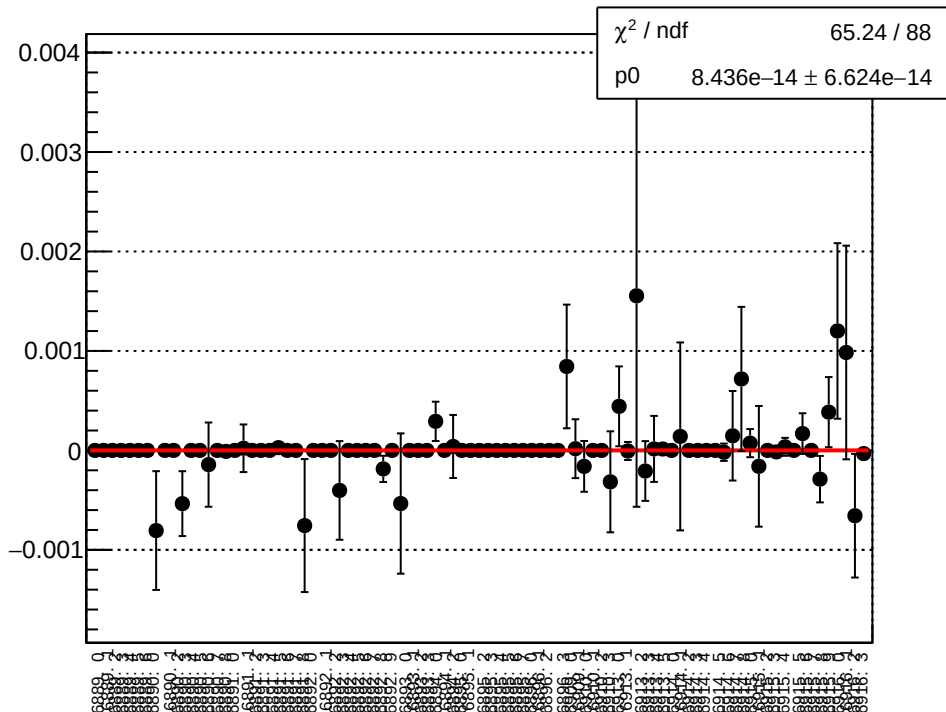
asym_sam_26_dd_mean vs run



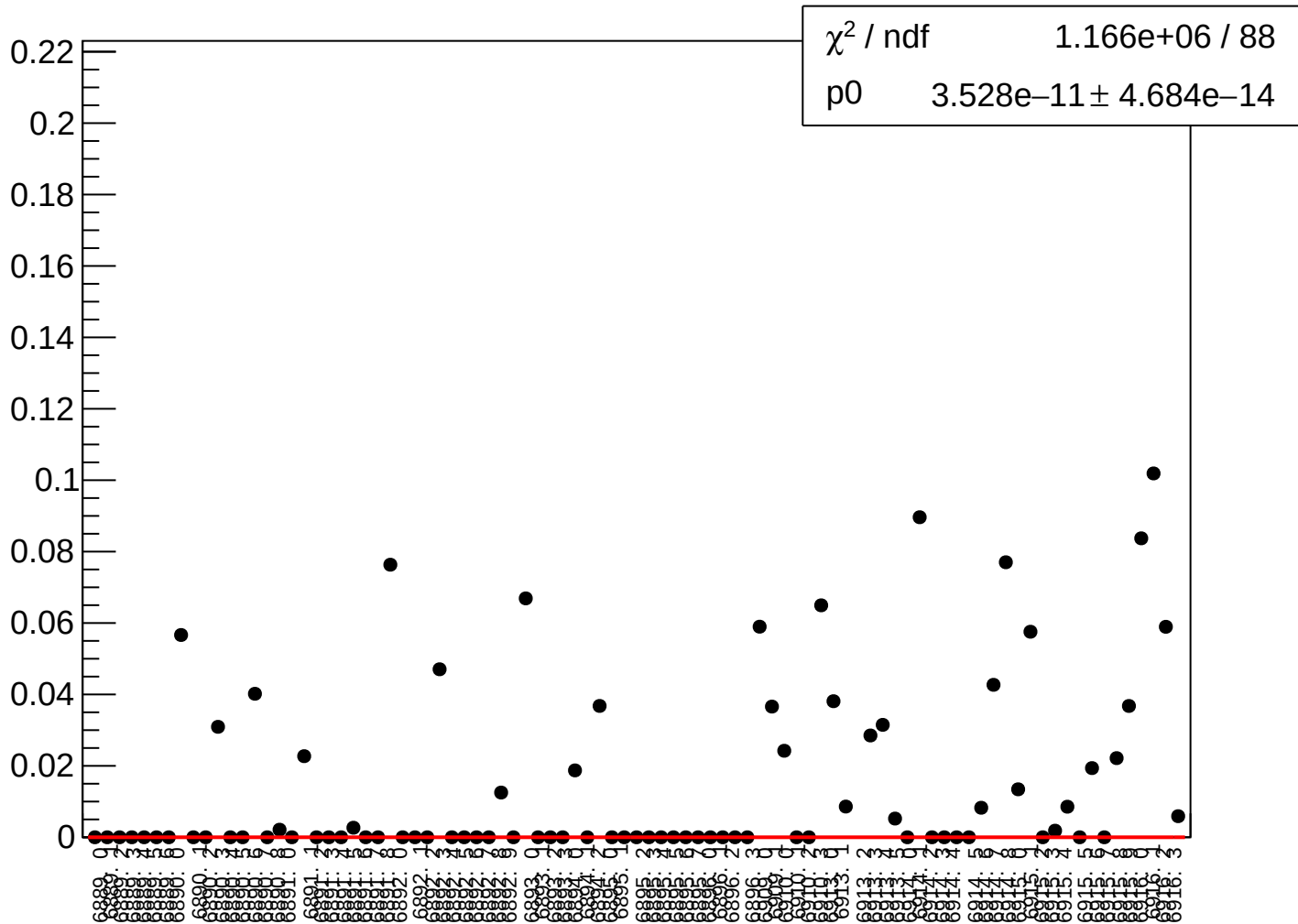
asym_sam_26_dd_rms vs run



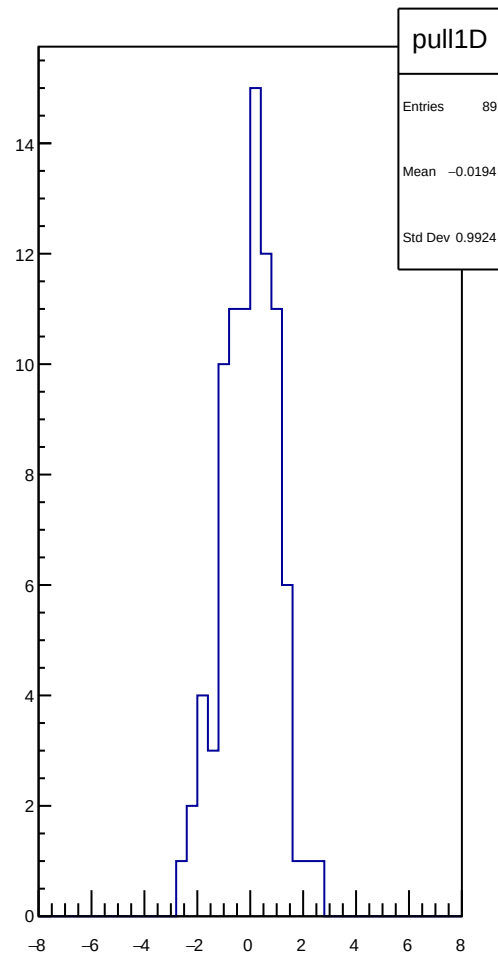
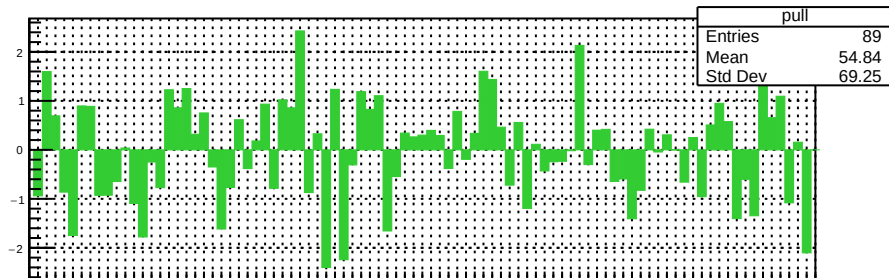
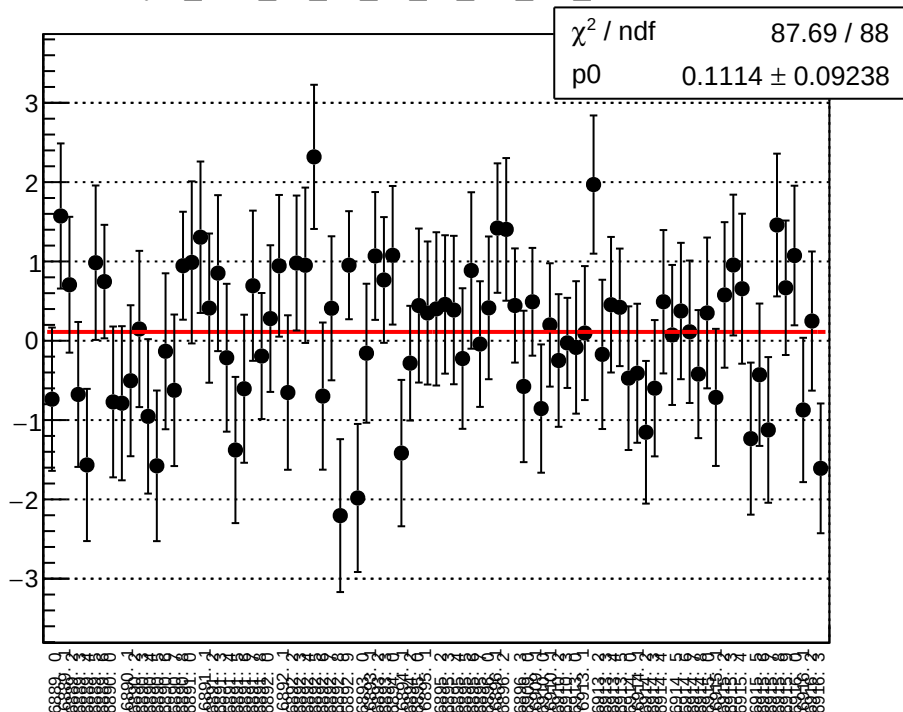
asym_sam_26_dd_reg_vs_cor_diff_mean vs run



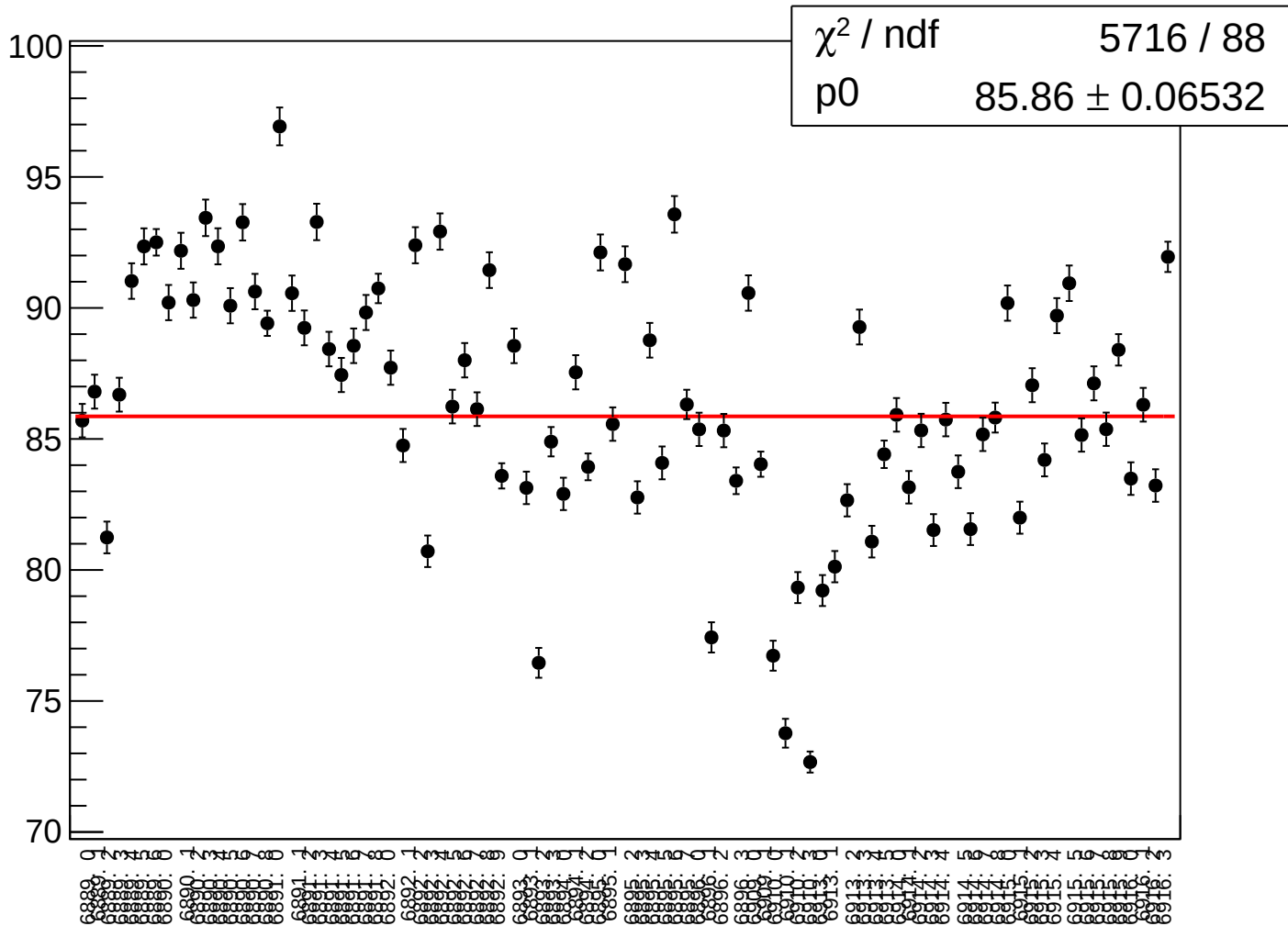
asym_sam_26_dd_reg_vs_cor_diff_rms vs run



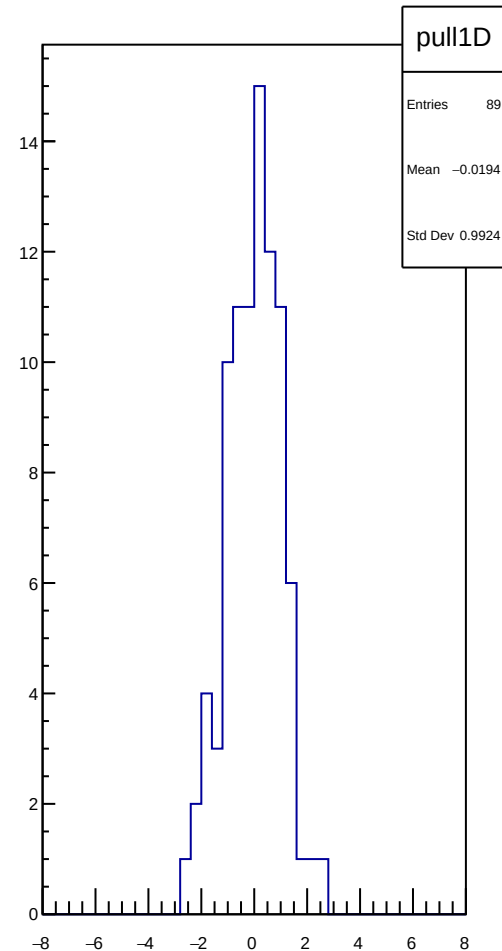
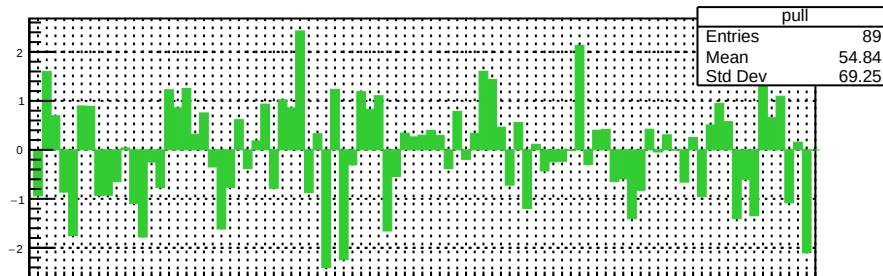
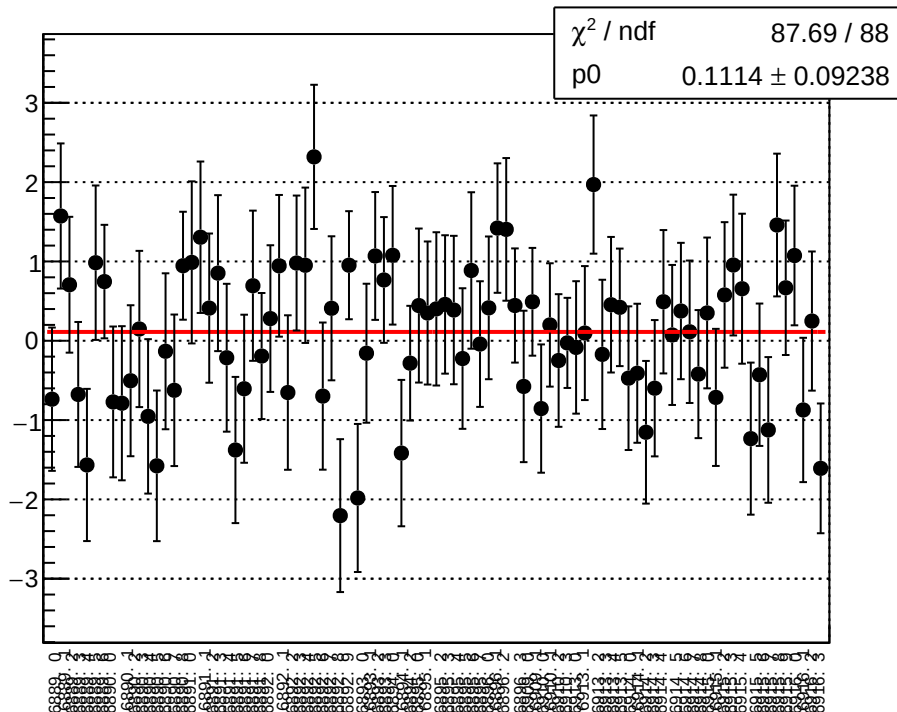
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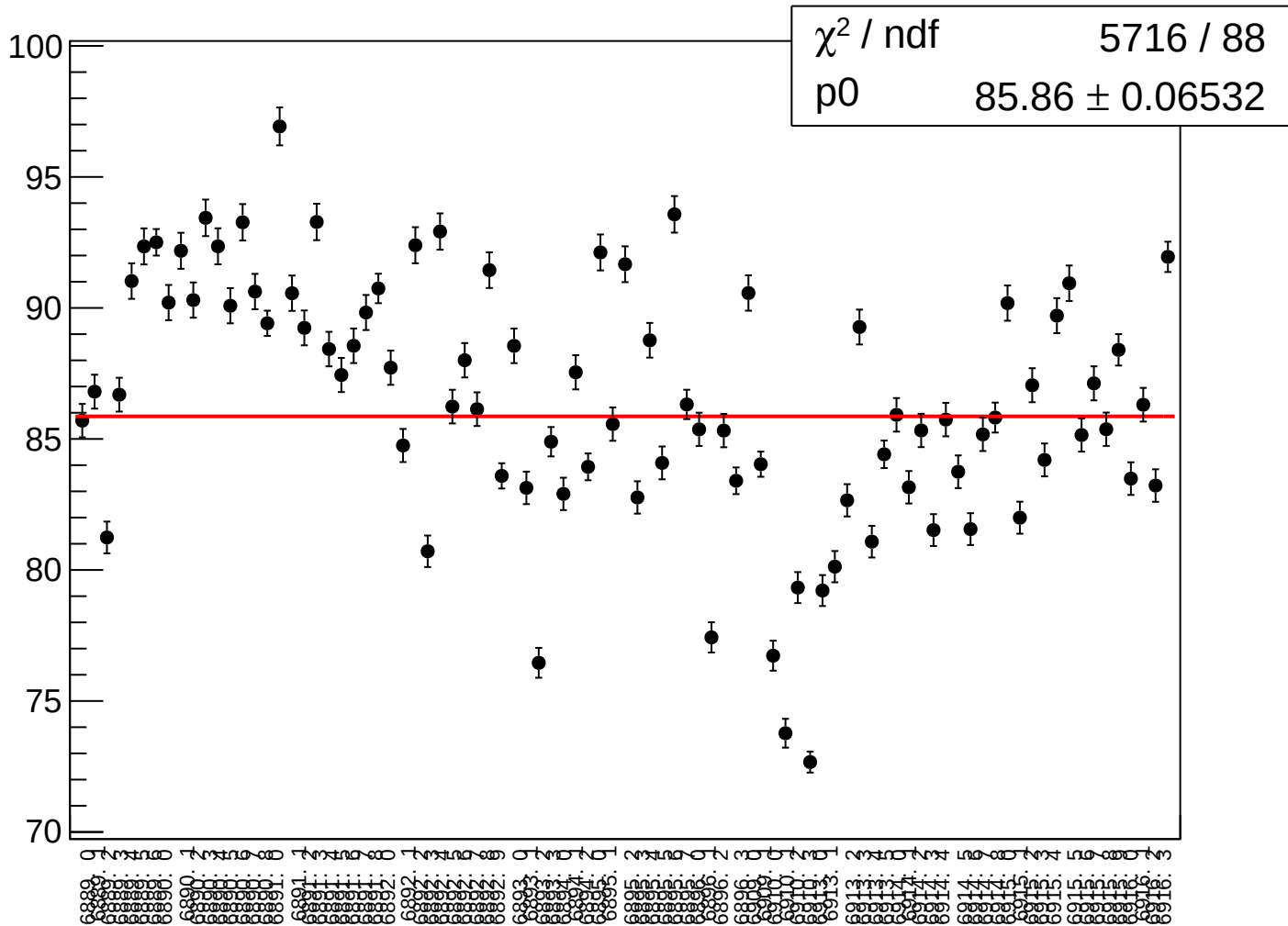
asym_sam_26_dd_dit_vs_cor_diff_rms vs run



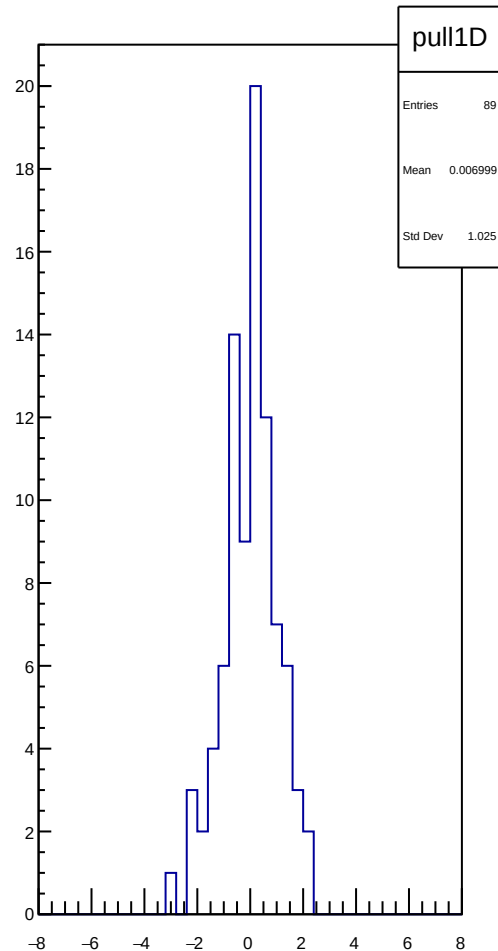
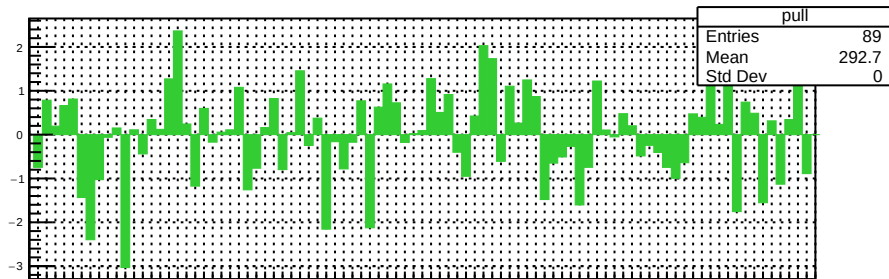
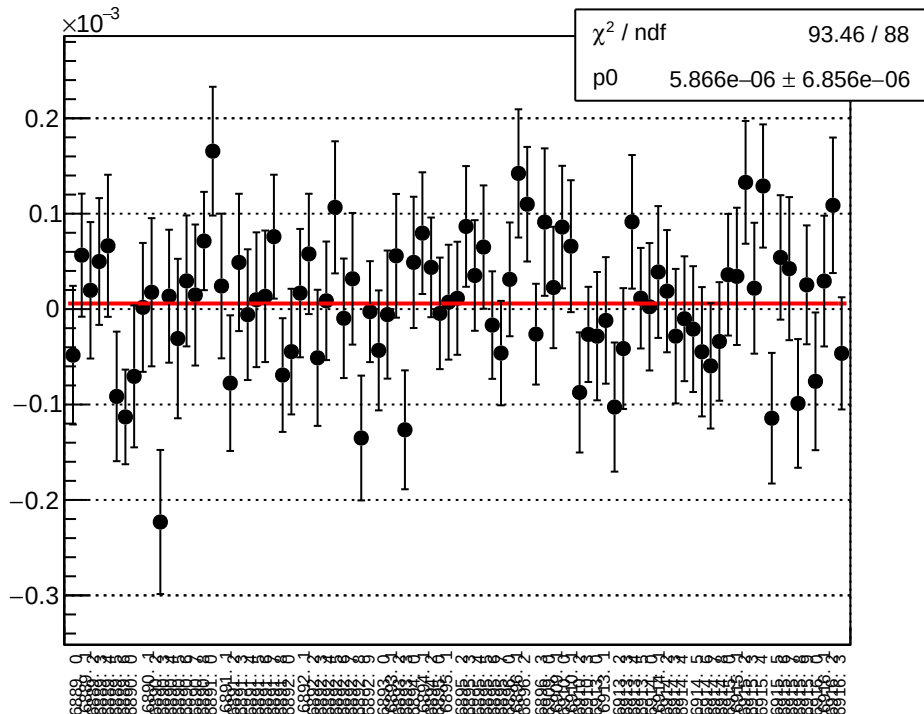
asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs run



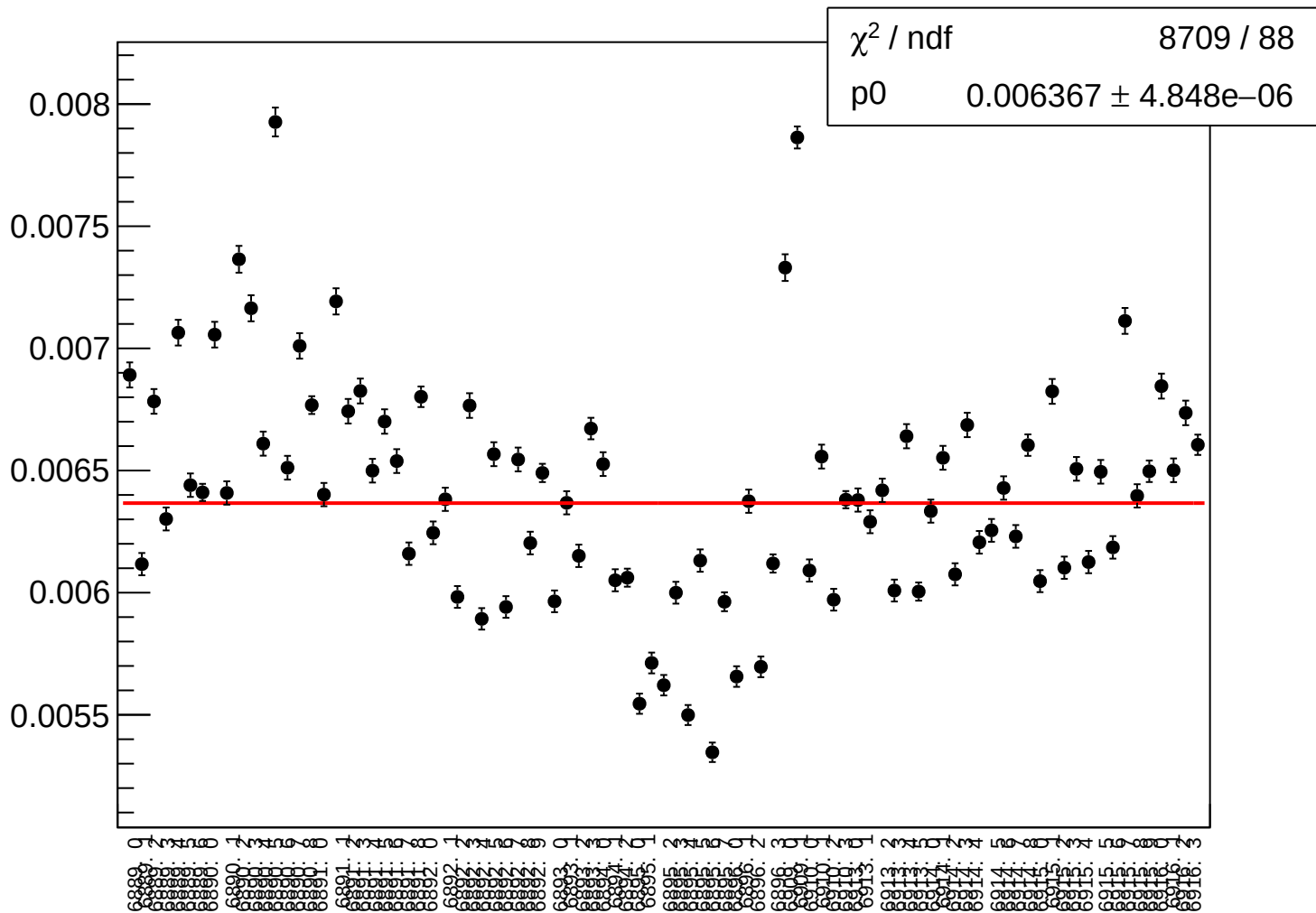
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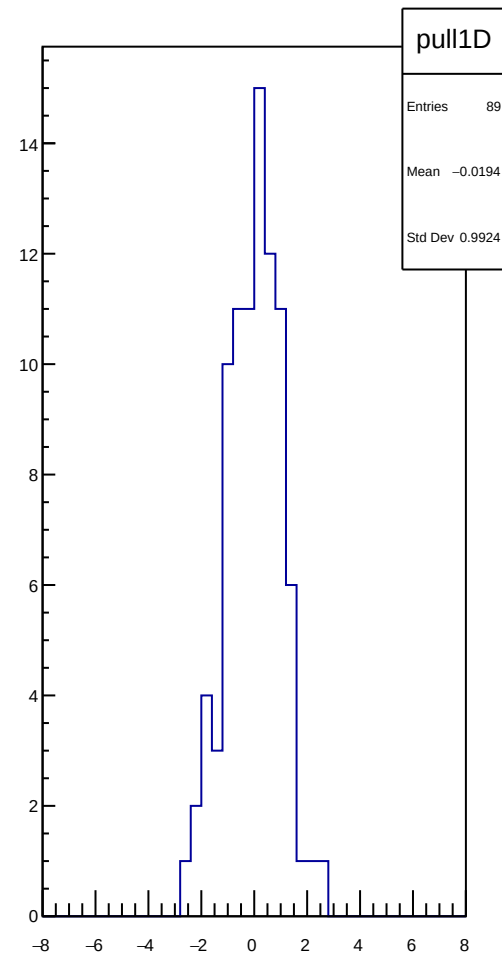
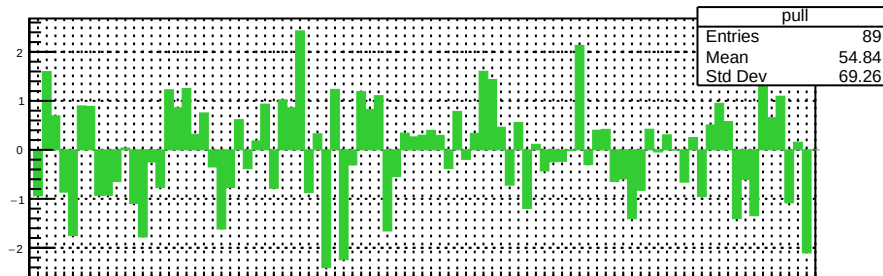
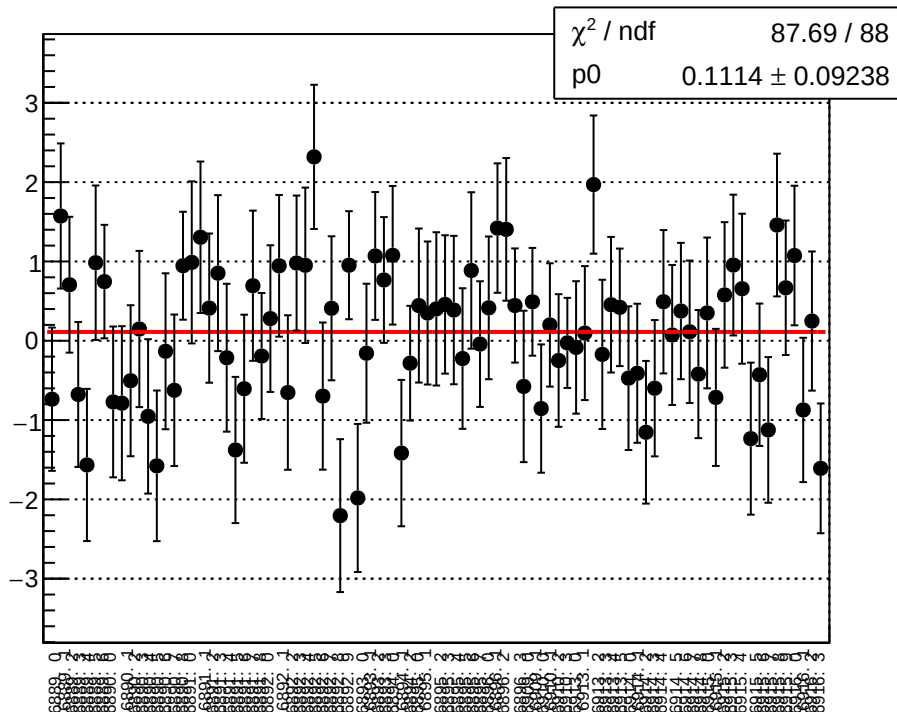
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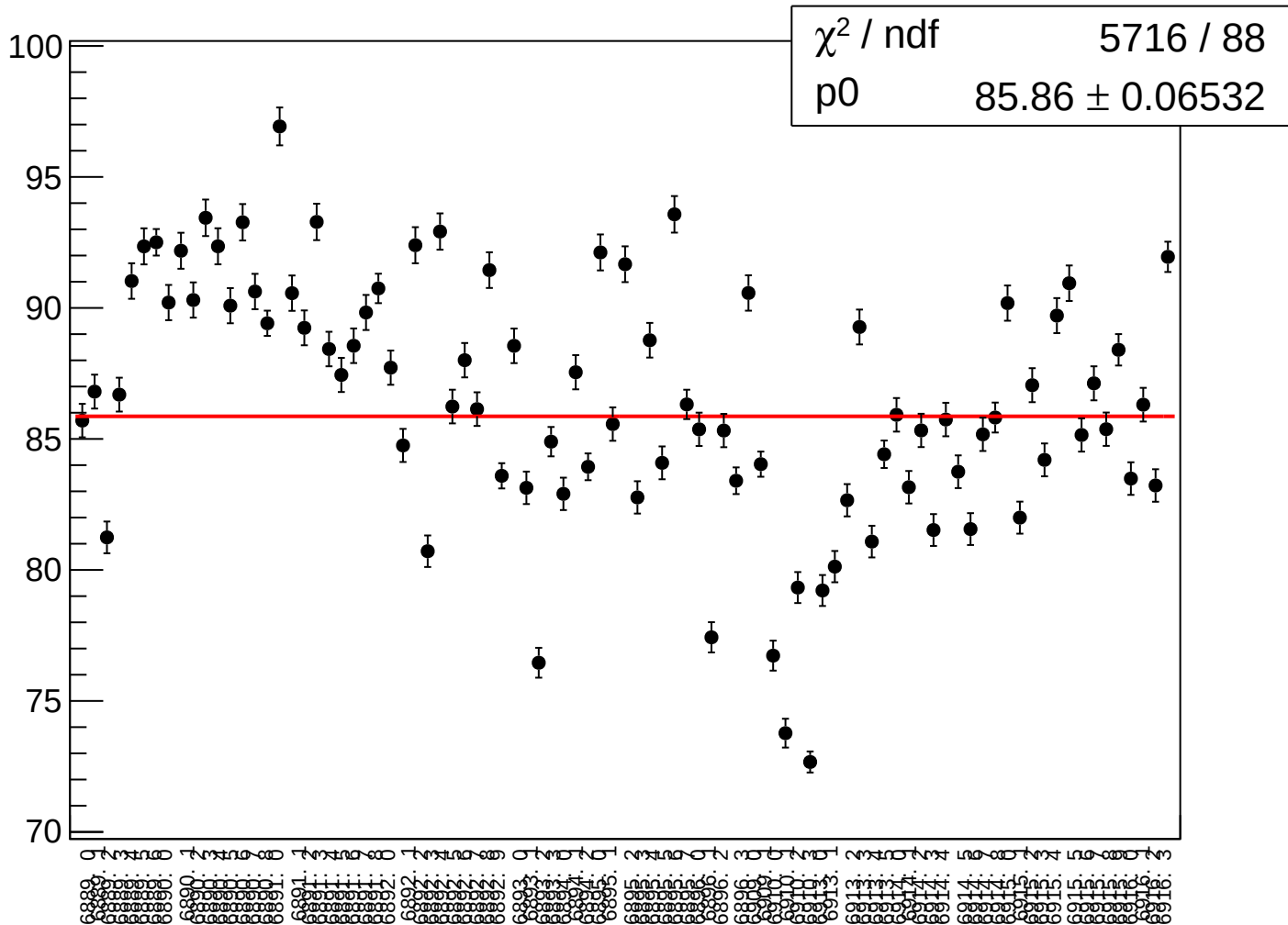
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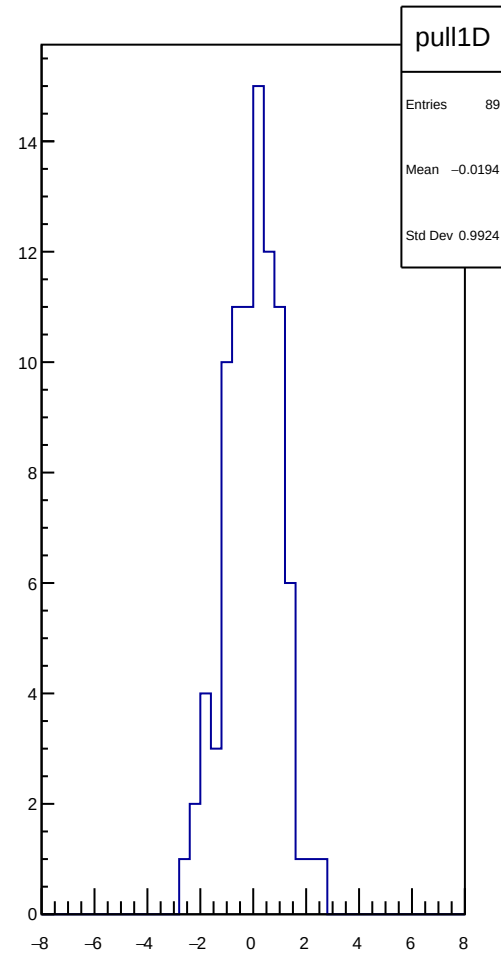
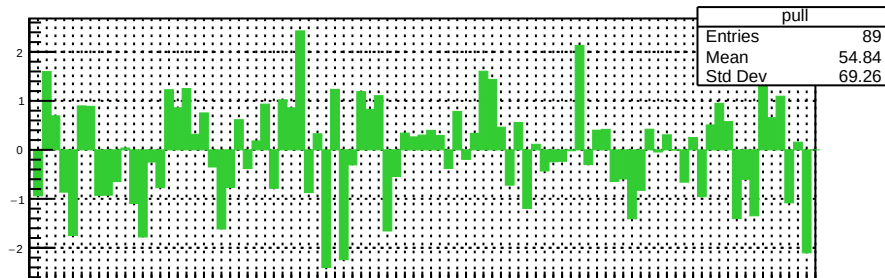
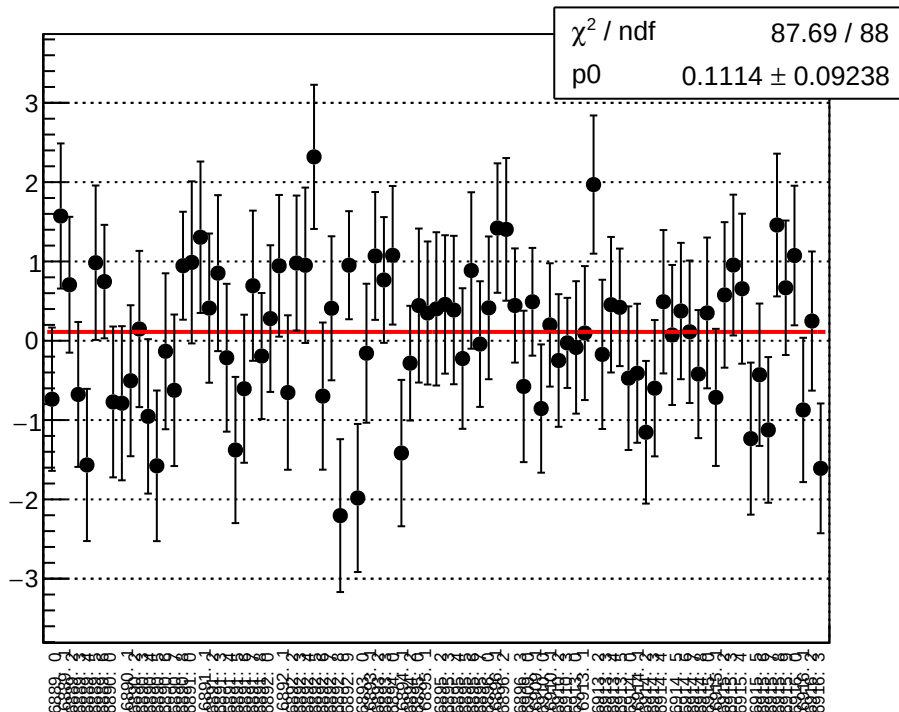
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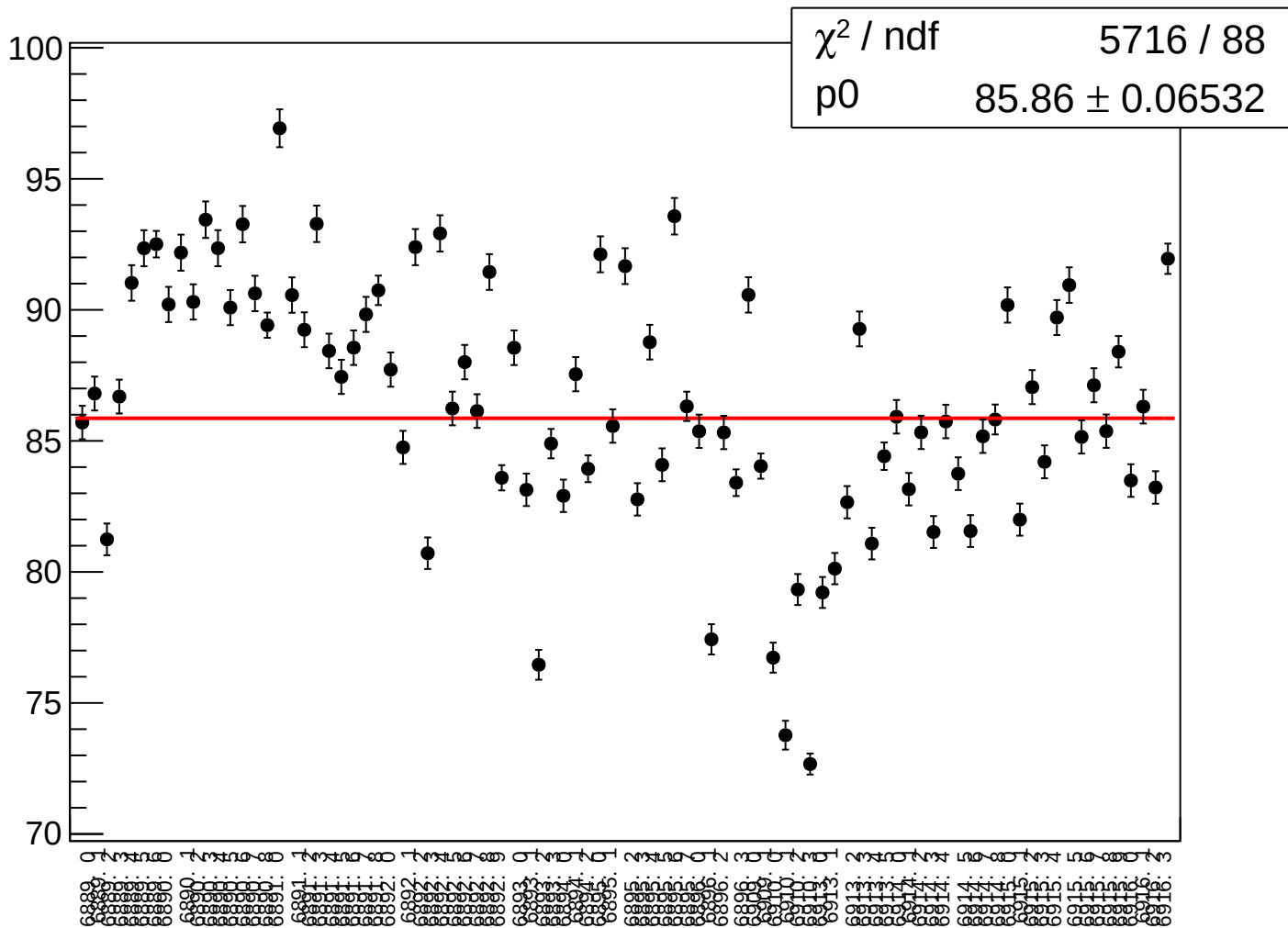
asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs run



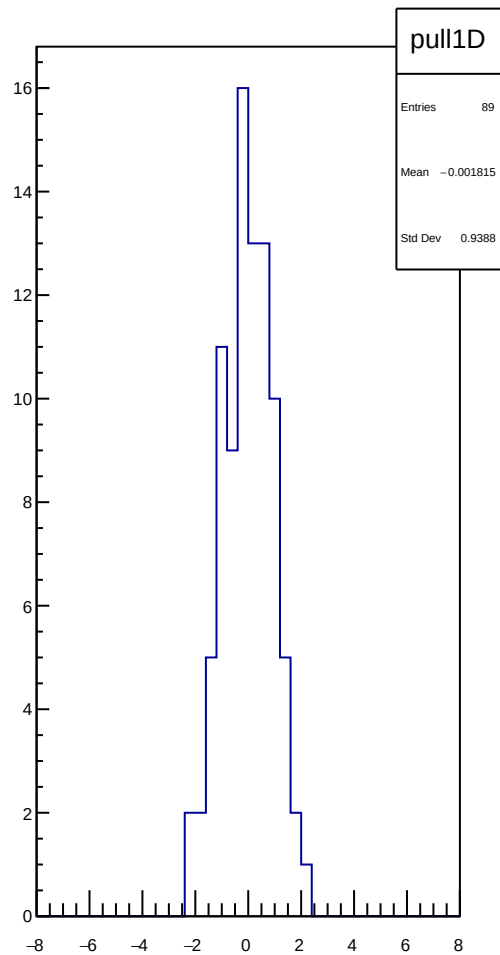
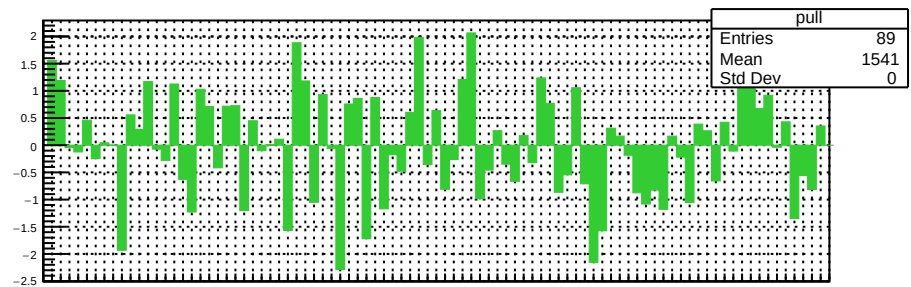
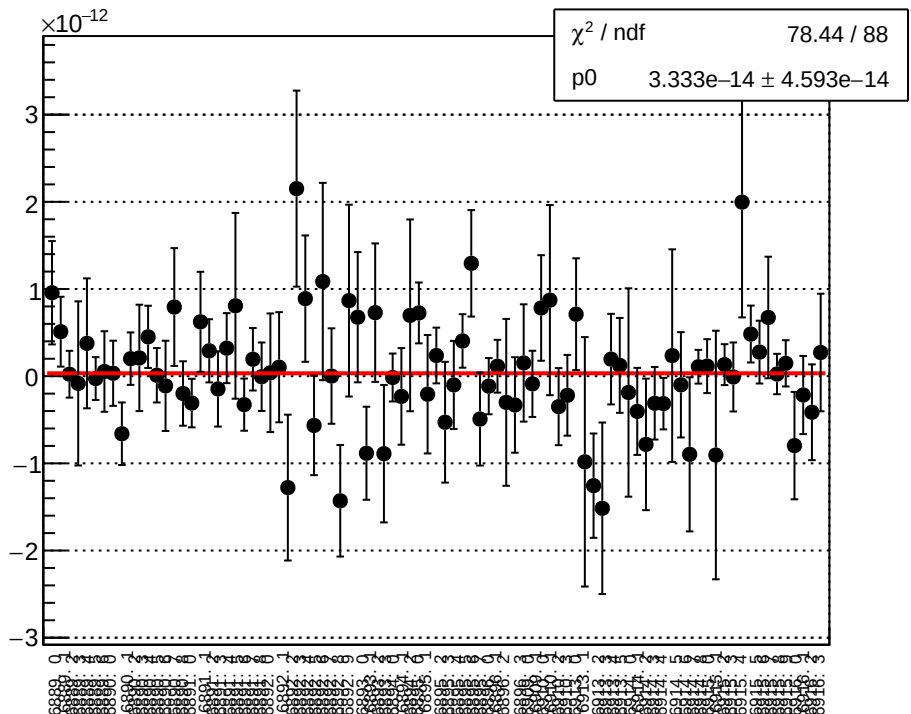
asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs run



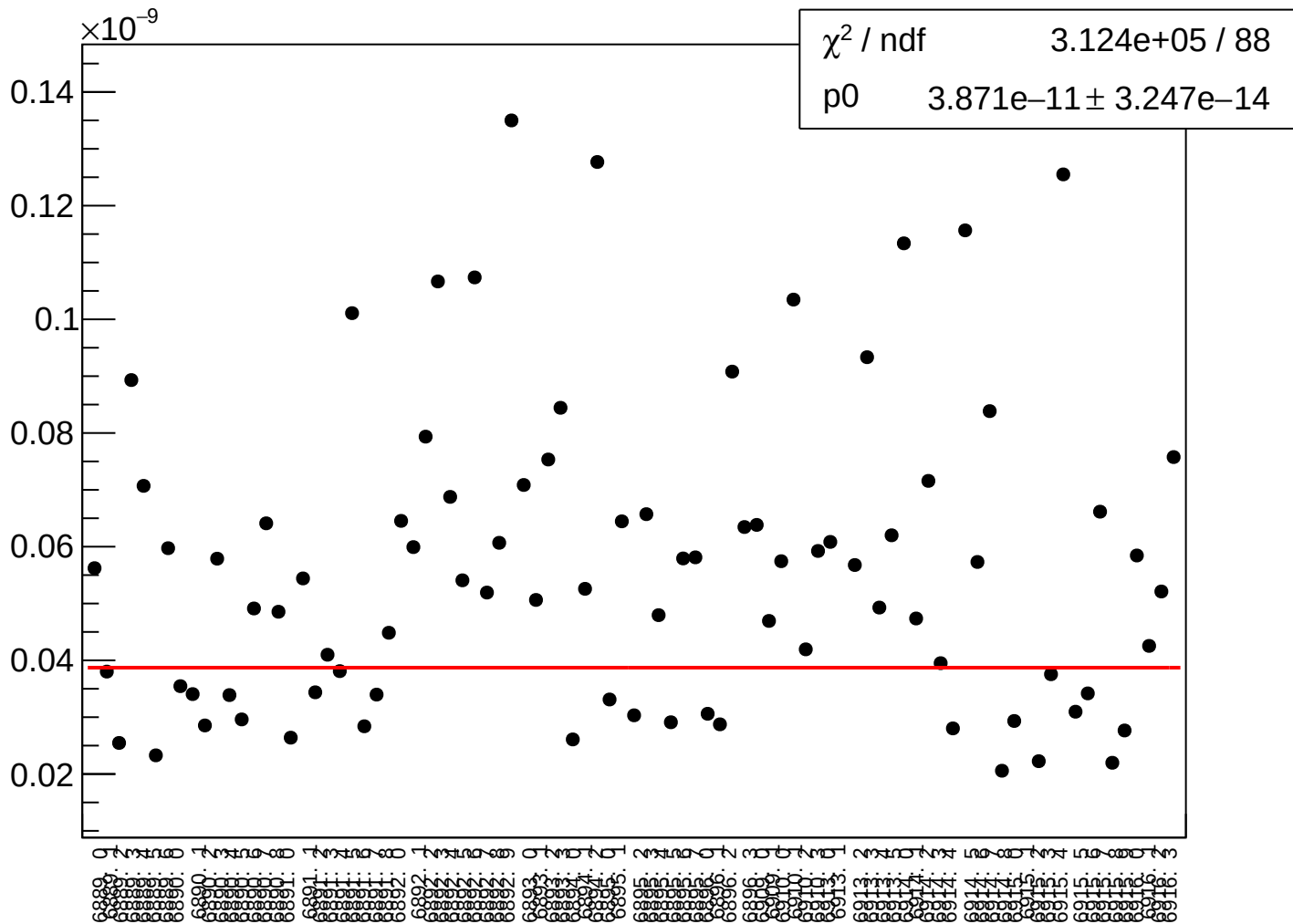
asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



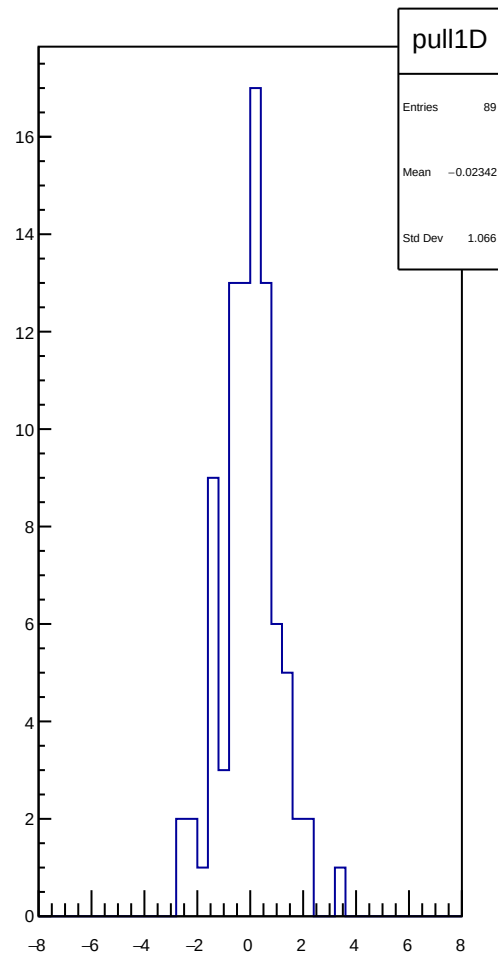
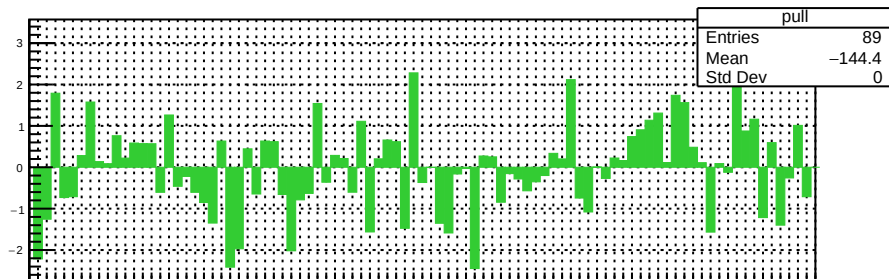
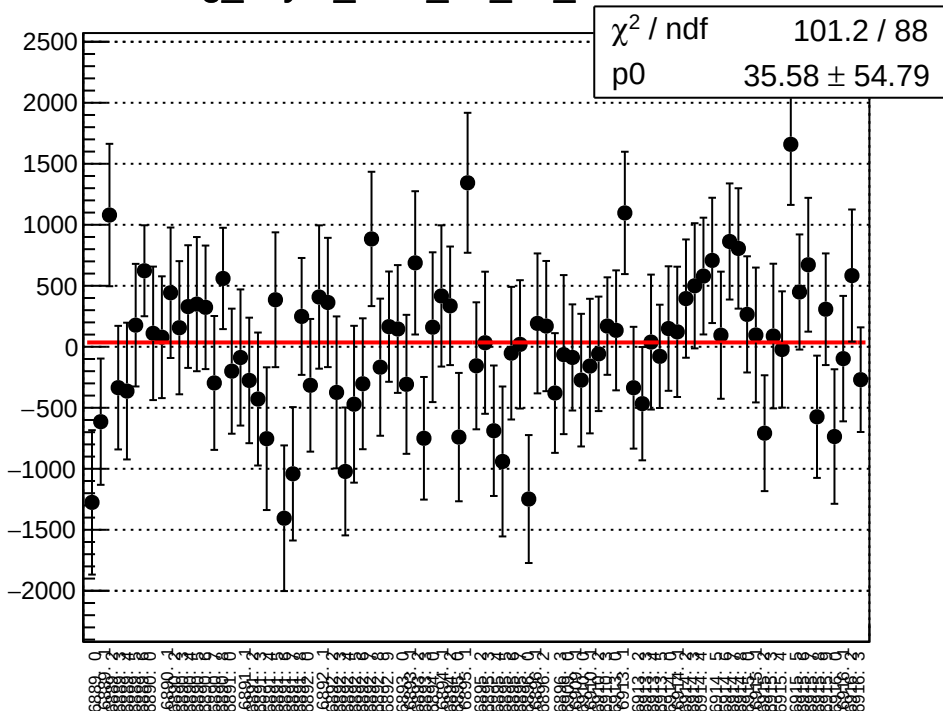
asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs run



asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_37_dd_mean vs run



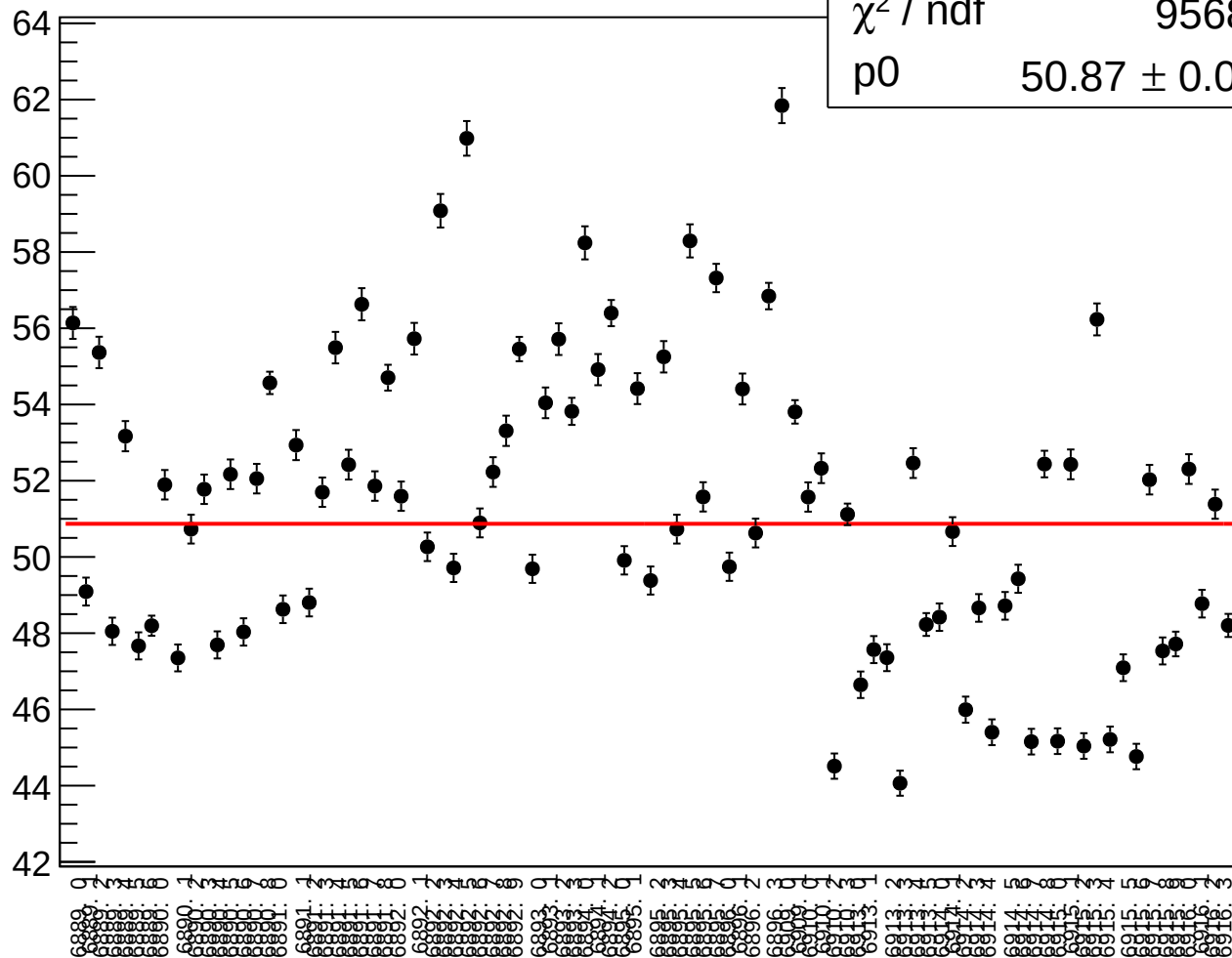
reg_asym_sam_37_dd_rms vs run

χ^2 / ndf

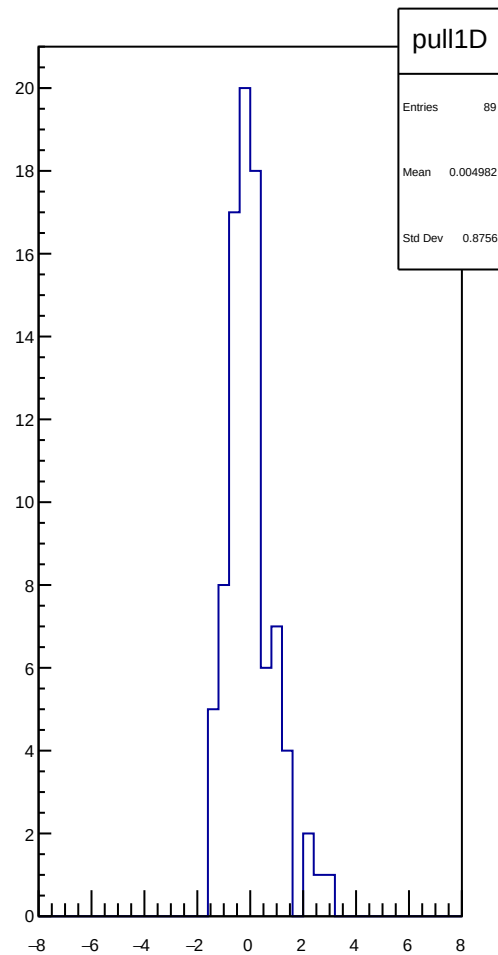
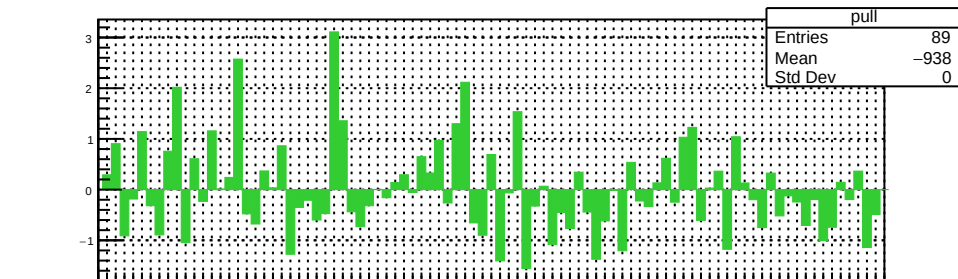
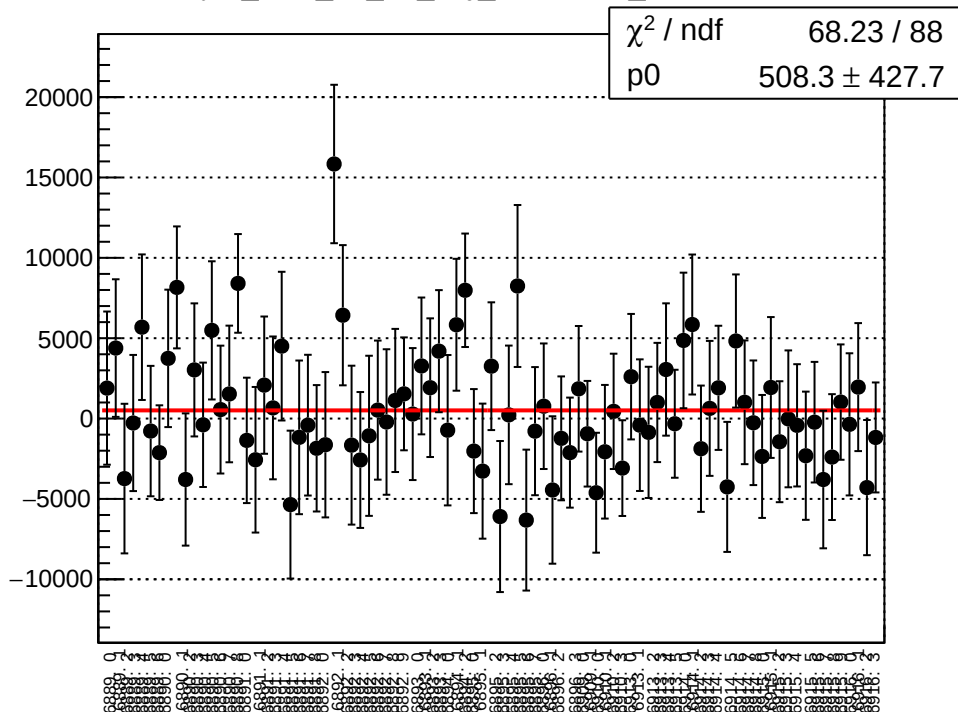
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p0

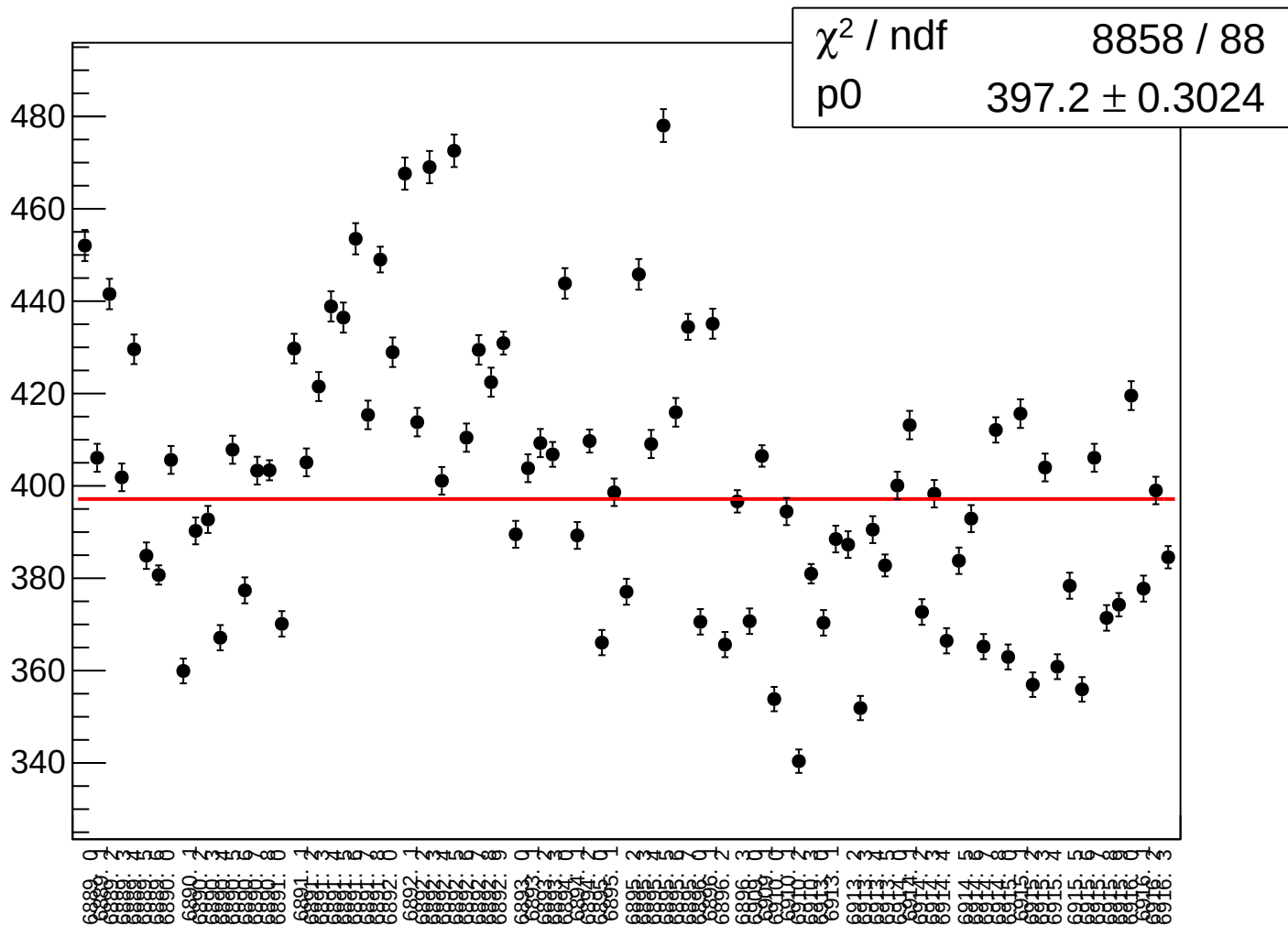
50.87 ± 0.03874



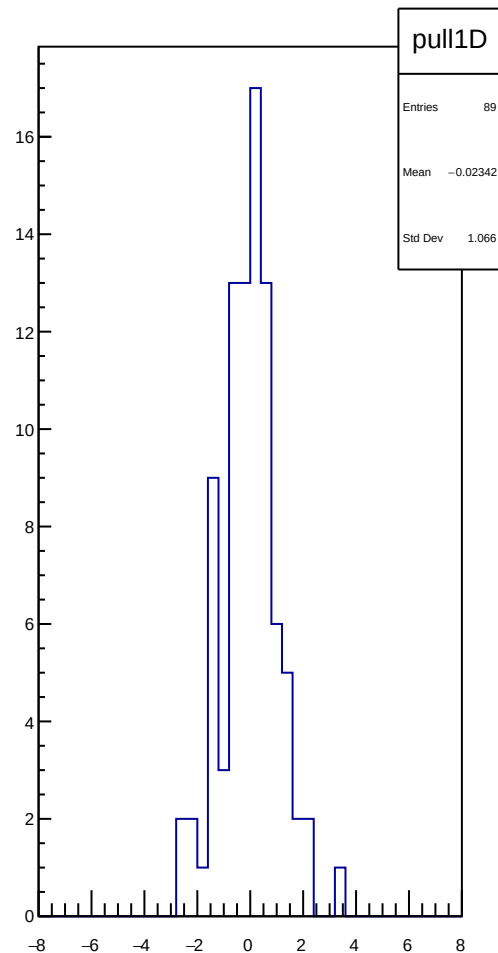
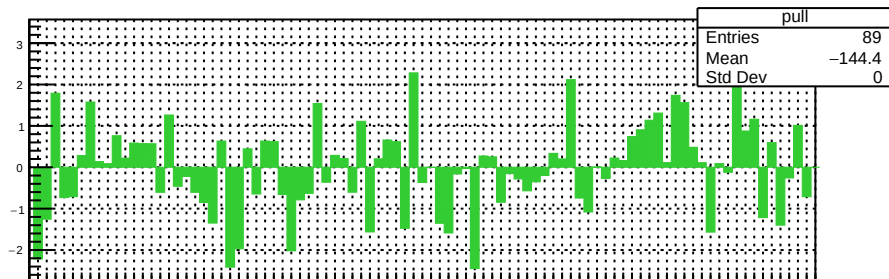
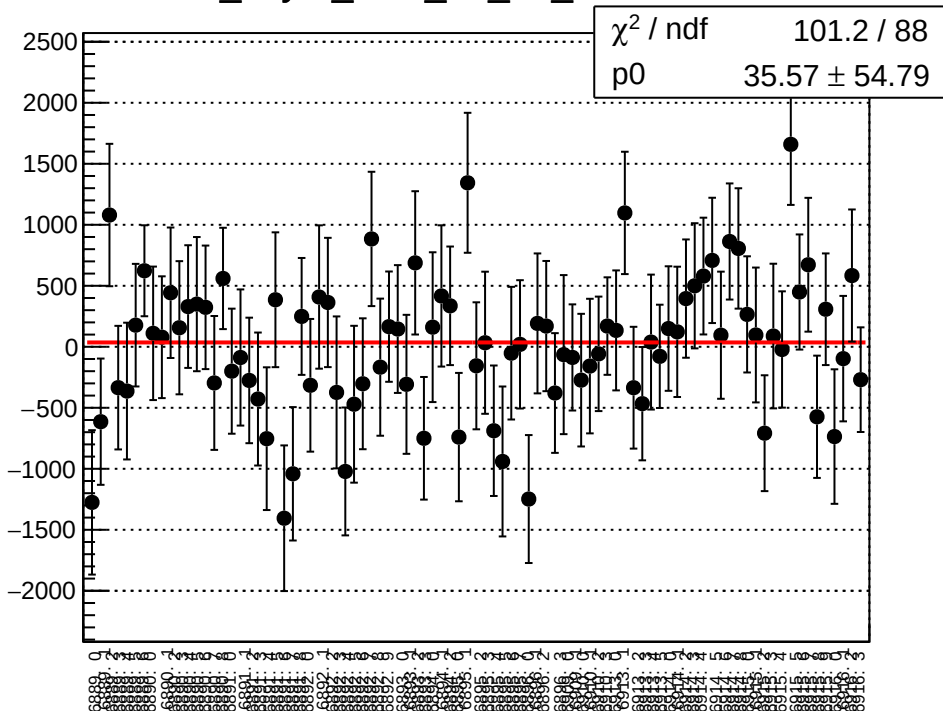
asym_sam_37_dd_reg_correction_mean vs run



asym_sam_37_dd_reg_correction_rms vs run



cor_asym_sam_37_dd_mean vs run



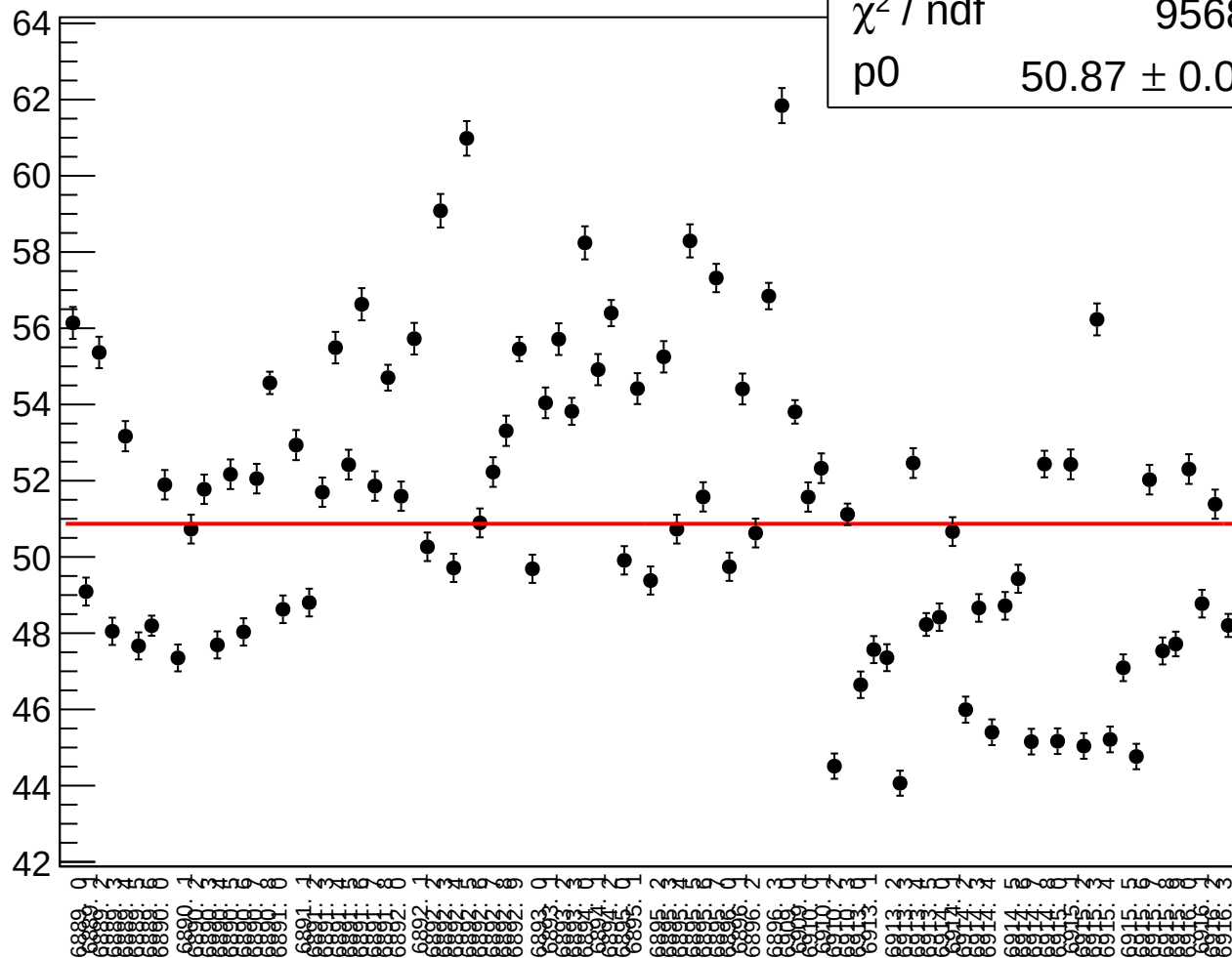
cor_asym_sam_37_dd_rms vs run

χ^2 / ndf

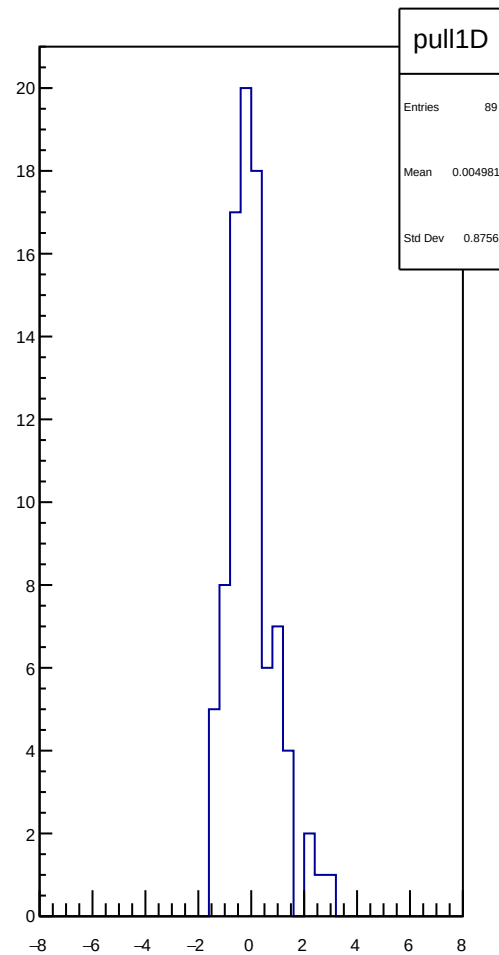
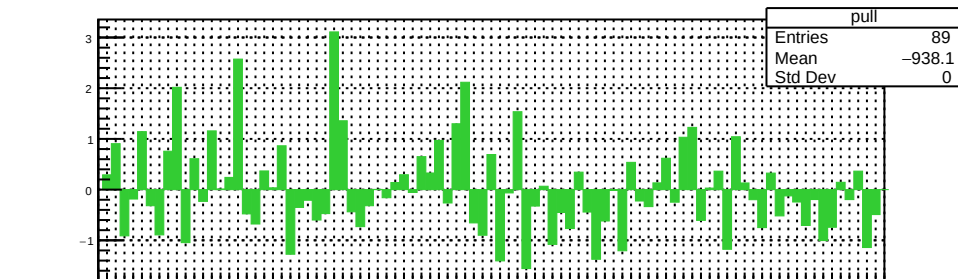
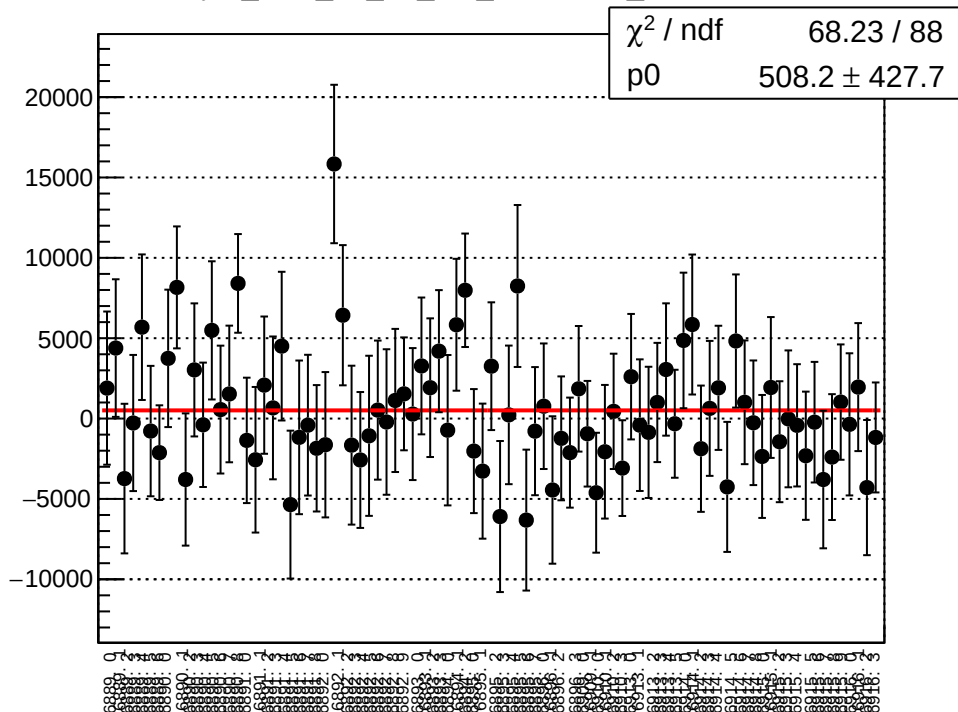
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p0

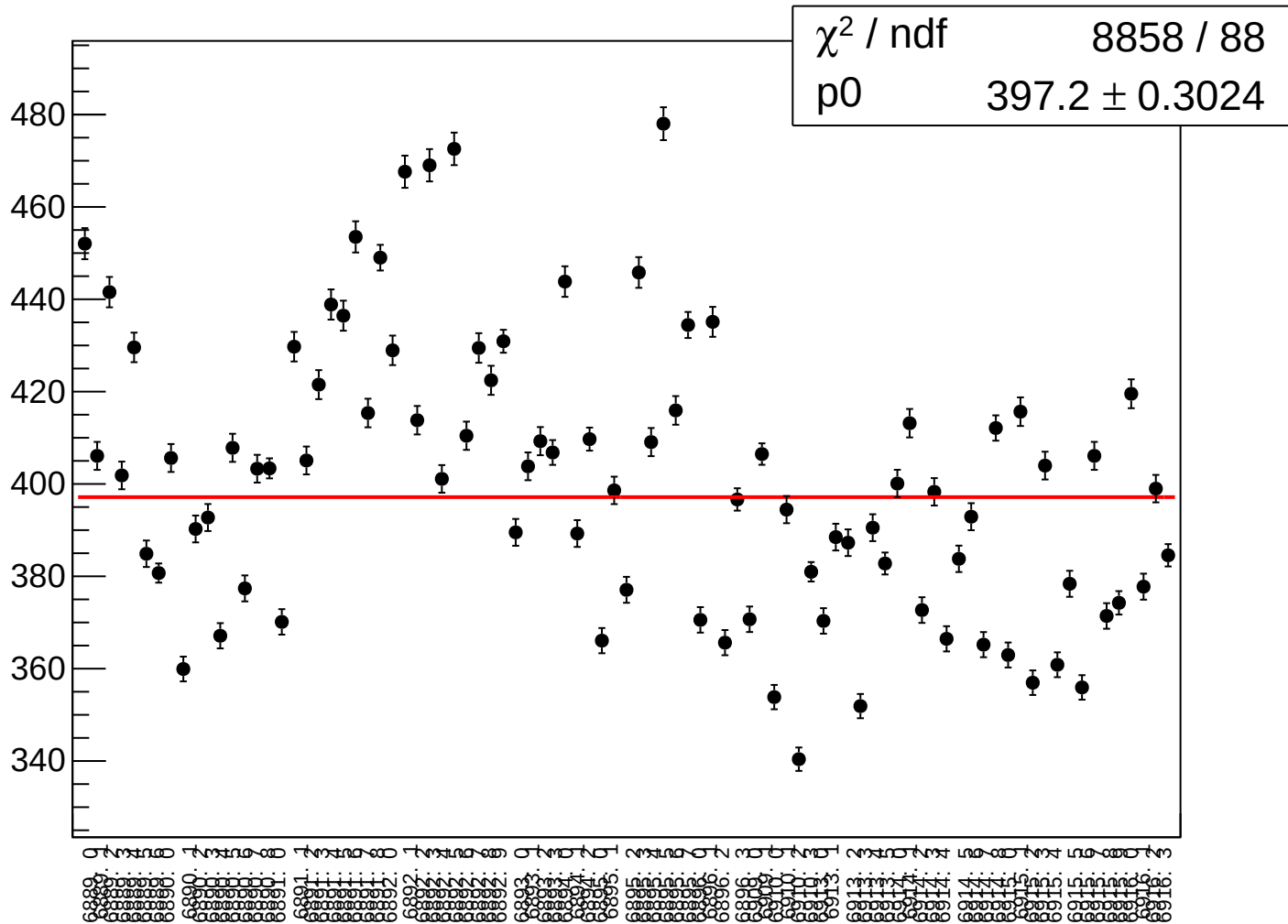
50.87 ± 0.03874



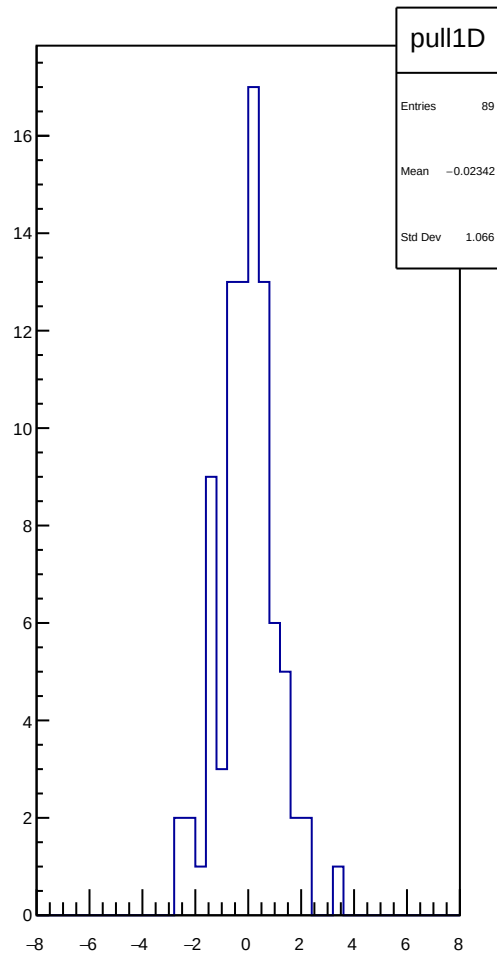
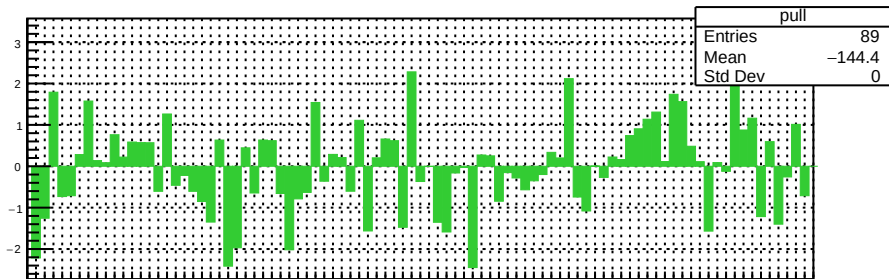
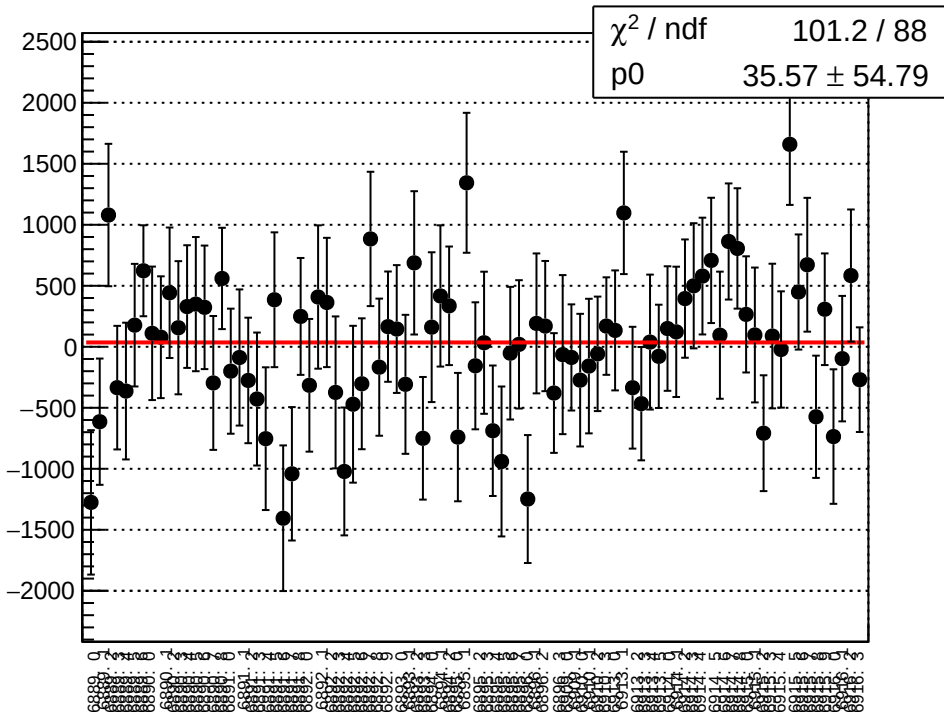
asym_sam_37_dd_cor_correction_mean vs run



asym_sam_37_dd_cor_correction_rms vs run



eigen_cor_asym_sam_37_dd_mean vs run



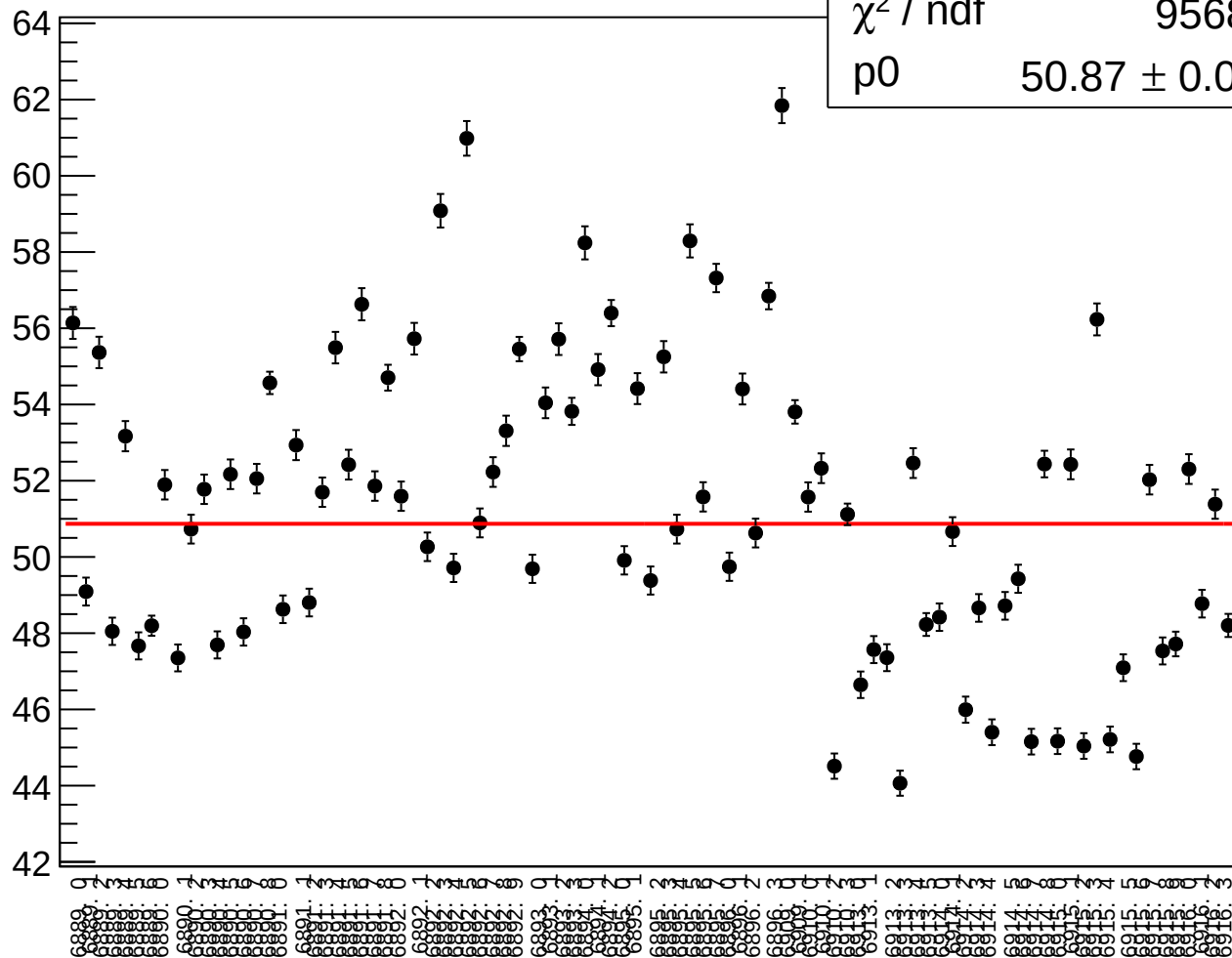
eigen_cor_asym_sam_37_dd_rms vs run

χ^2 / ndf

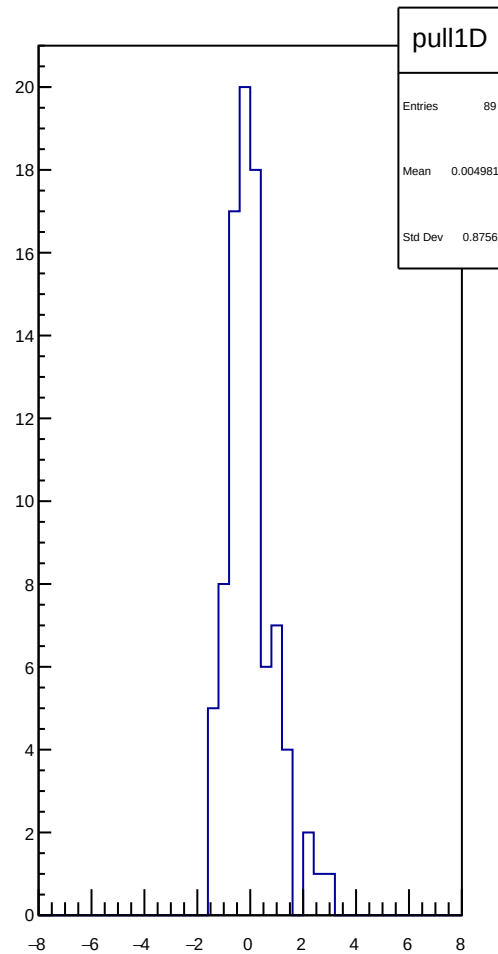
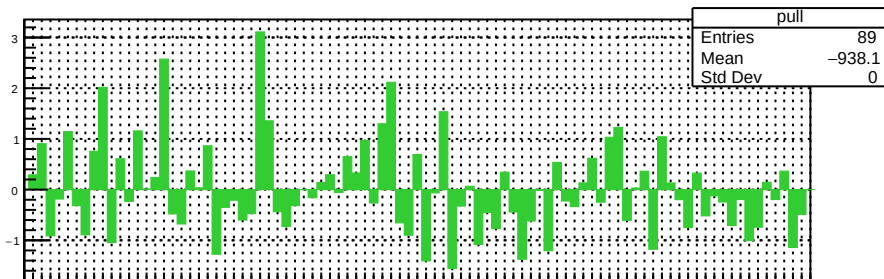
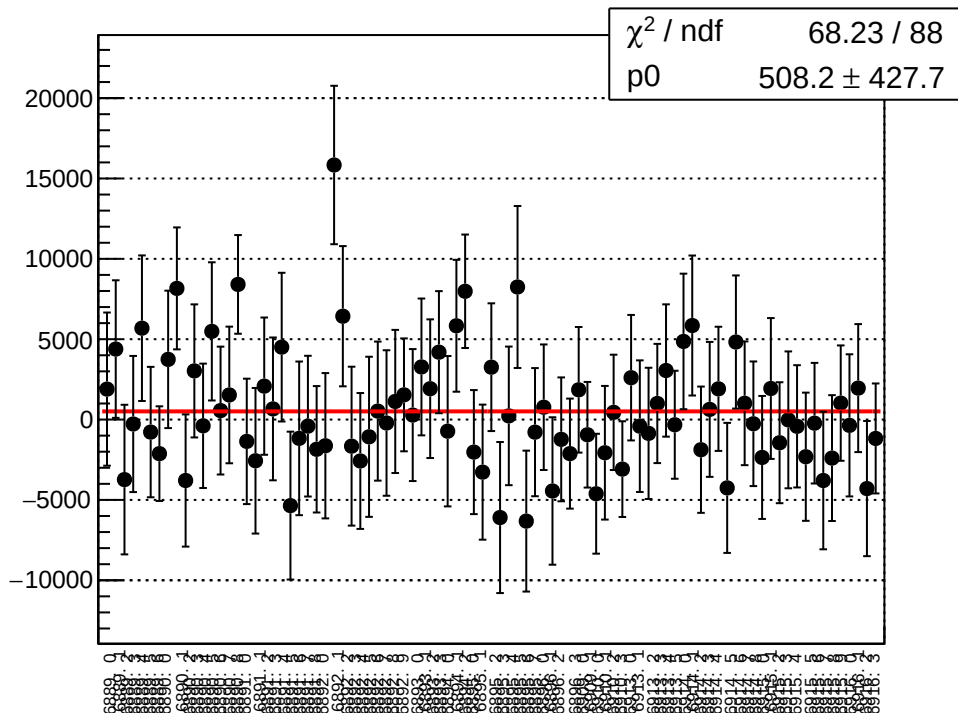
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p0

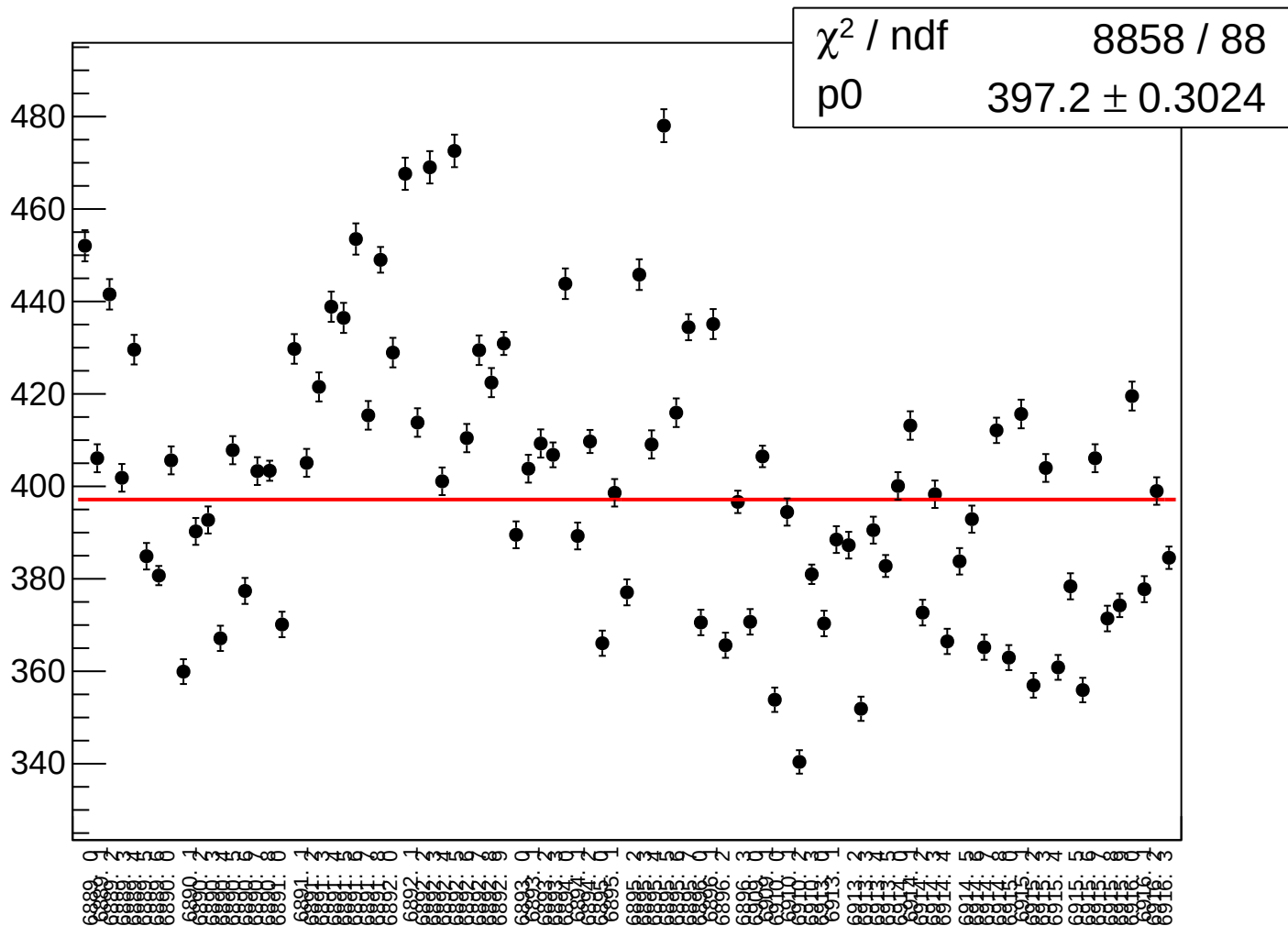
50.87 ± 0.03874



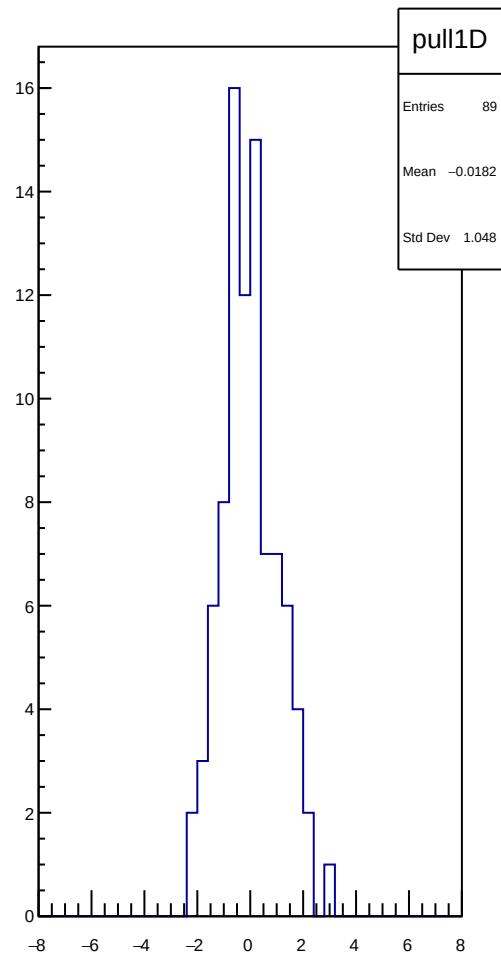
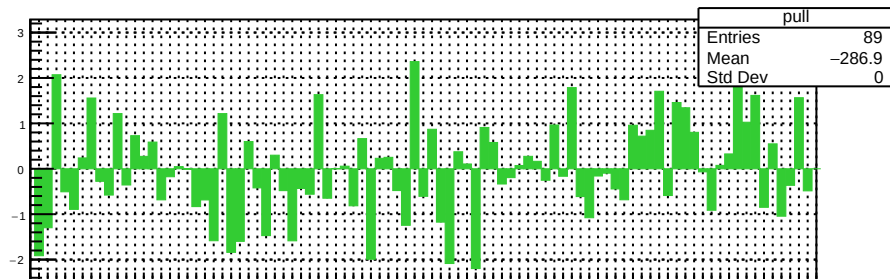
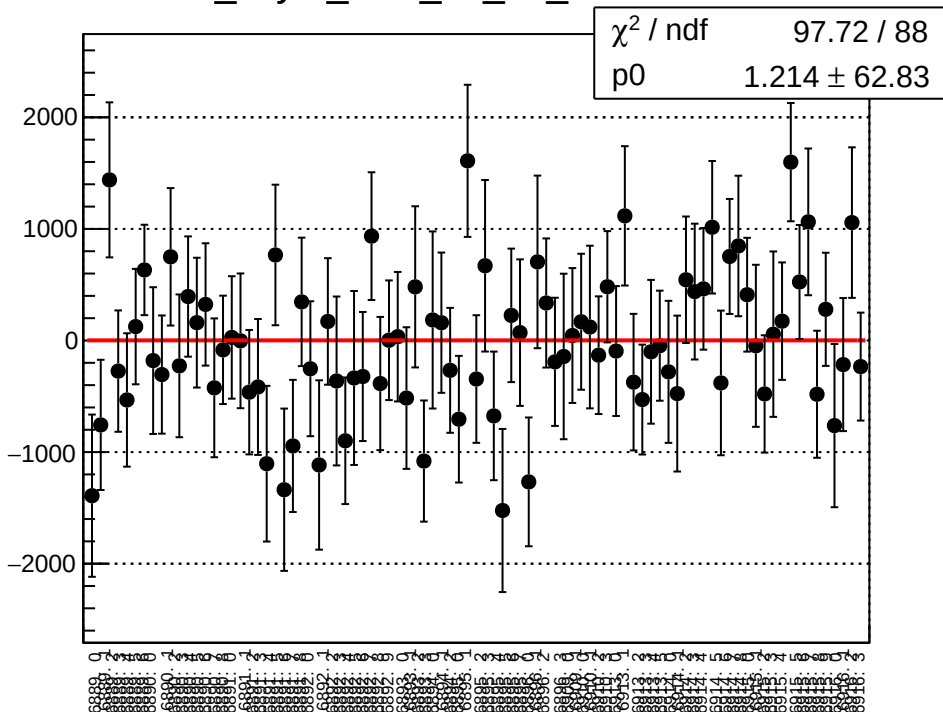
asym_sam_37_dd_eigen_cor_correction_mean vs run



asym_sam_37_dd_eigen_cor_correction_rms vs run

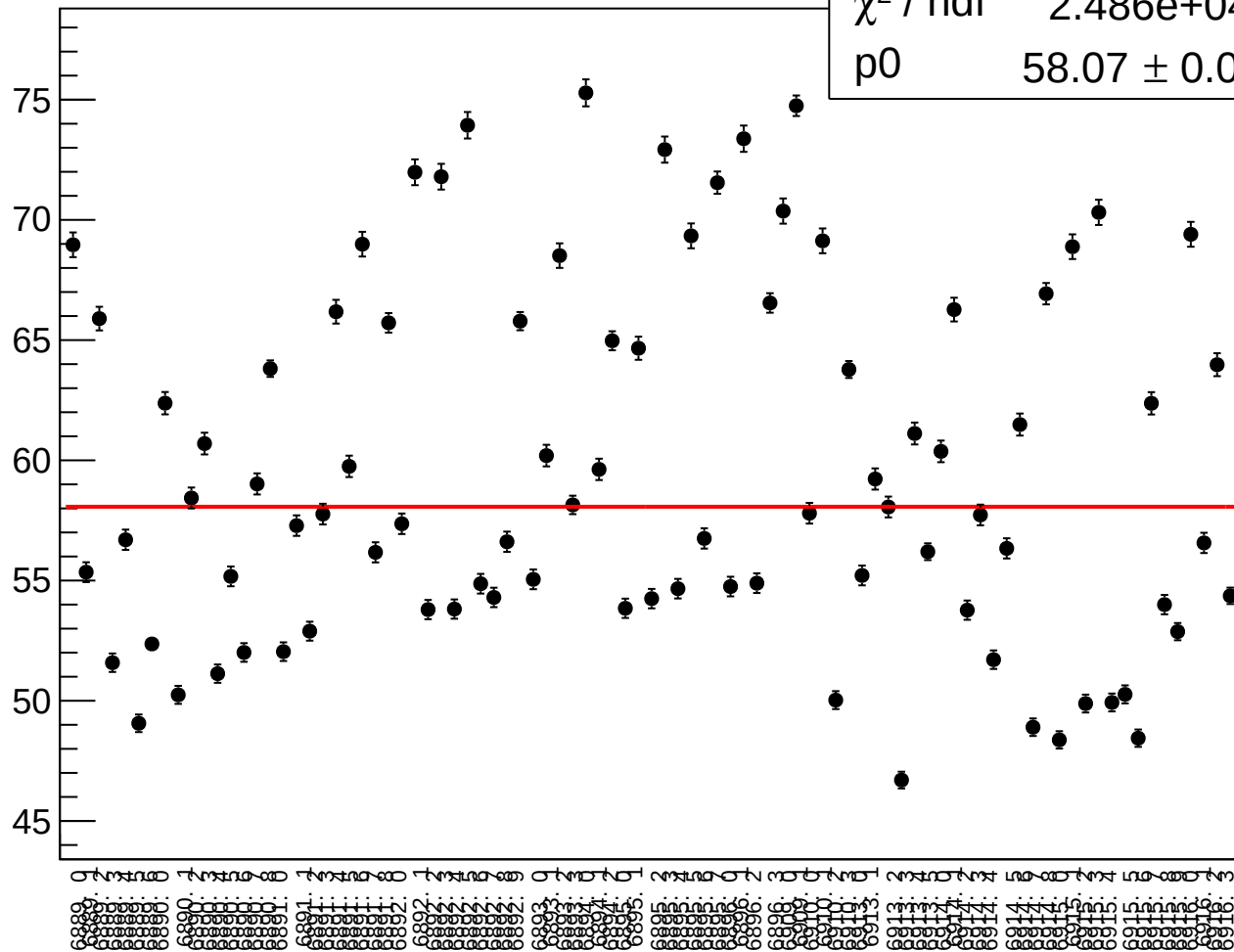


dit_asym_sam_37_dd_mean vs run

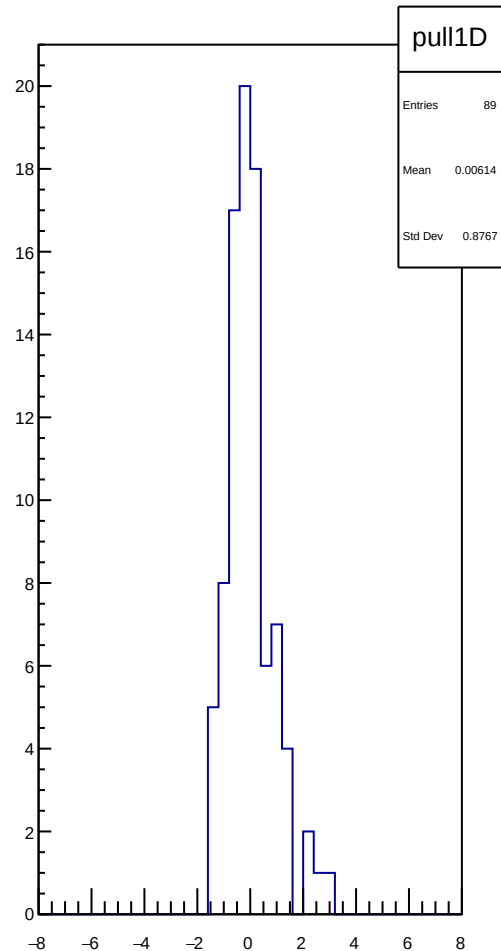
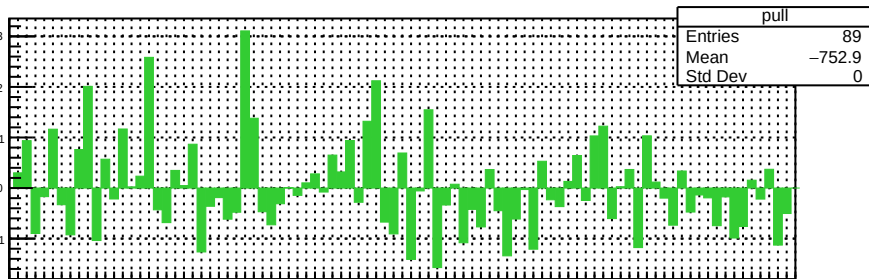
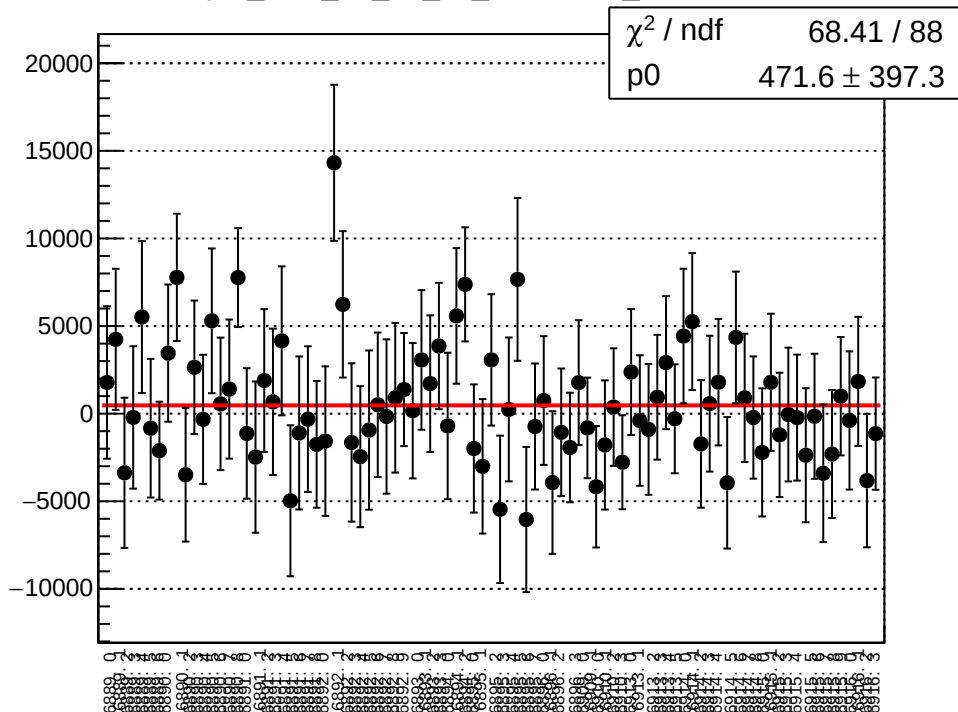


dit_asym_sam_37_dd_rms vs run

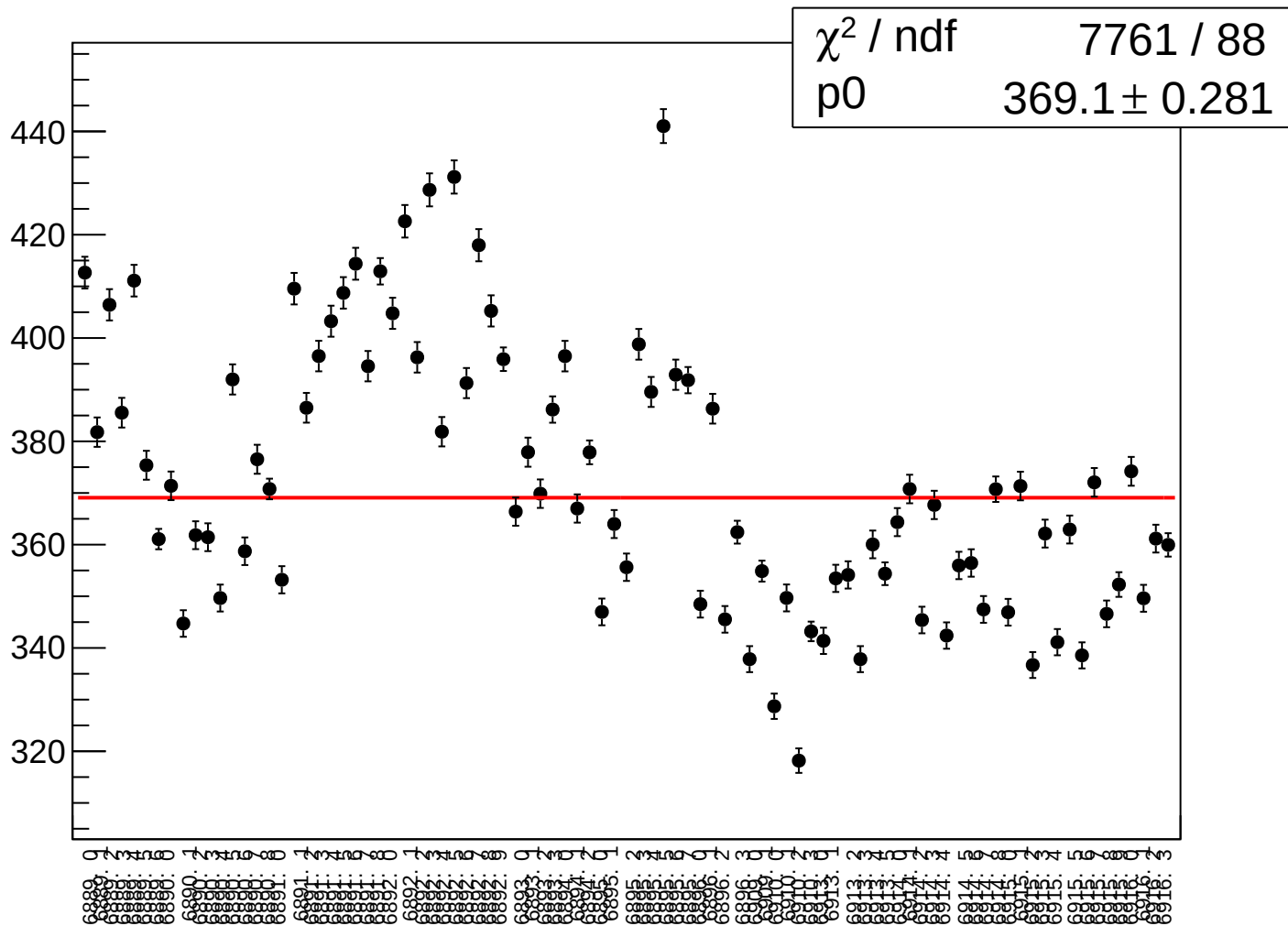
χ^2 / ndf 2.486e+04 / 88
p0 58.07 $\pm$ 0.04442



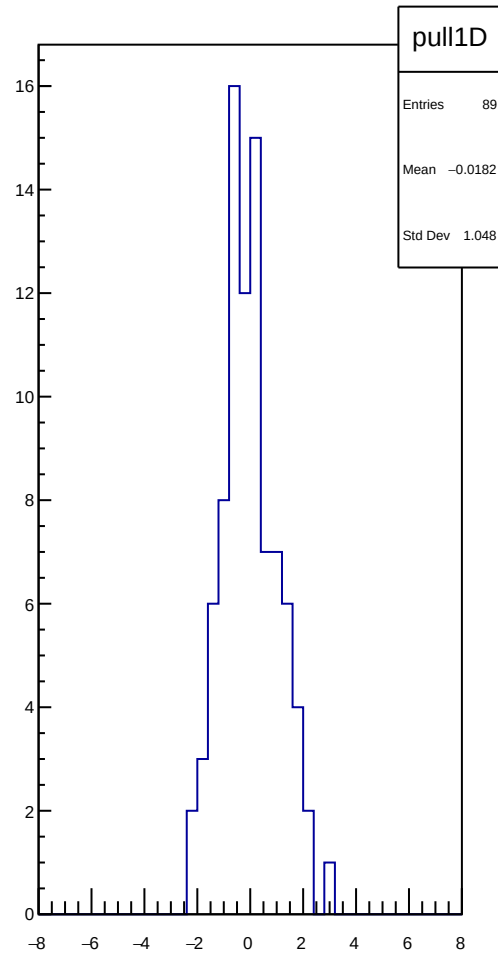
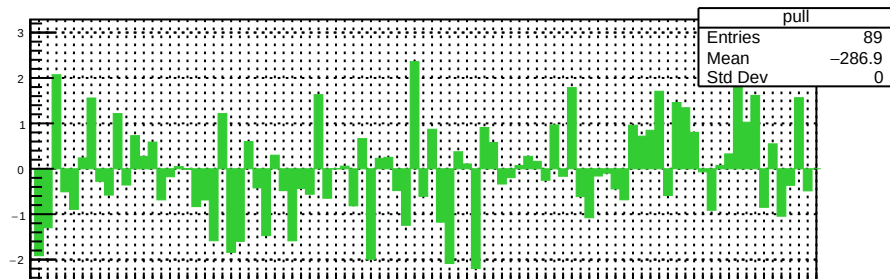
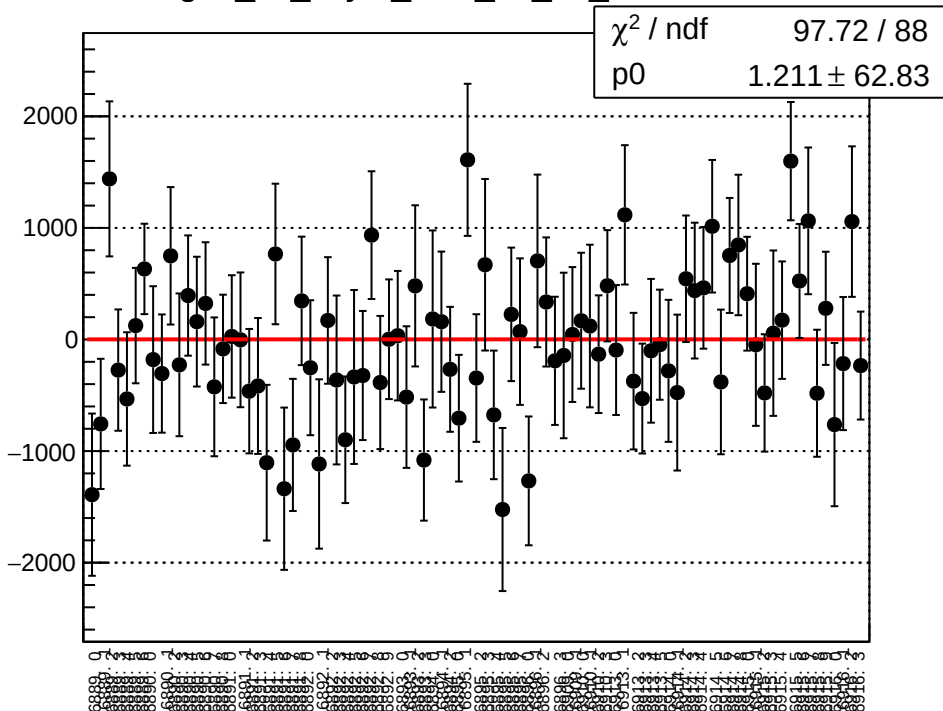
asym_sam_37_dd_dit_correction_mean vs run



asym_sam_37_dd_dit_correction_rms vs run

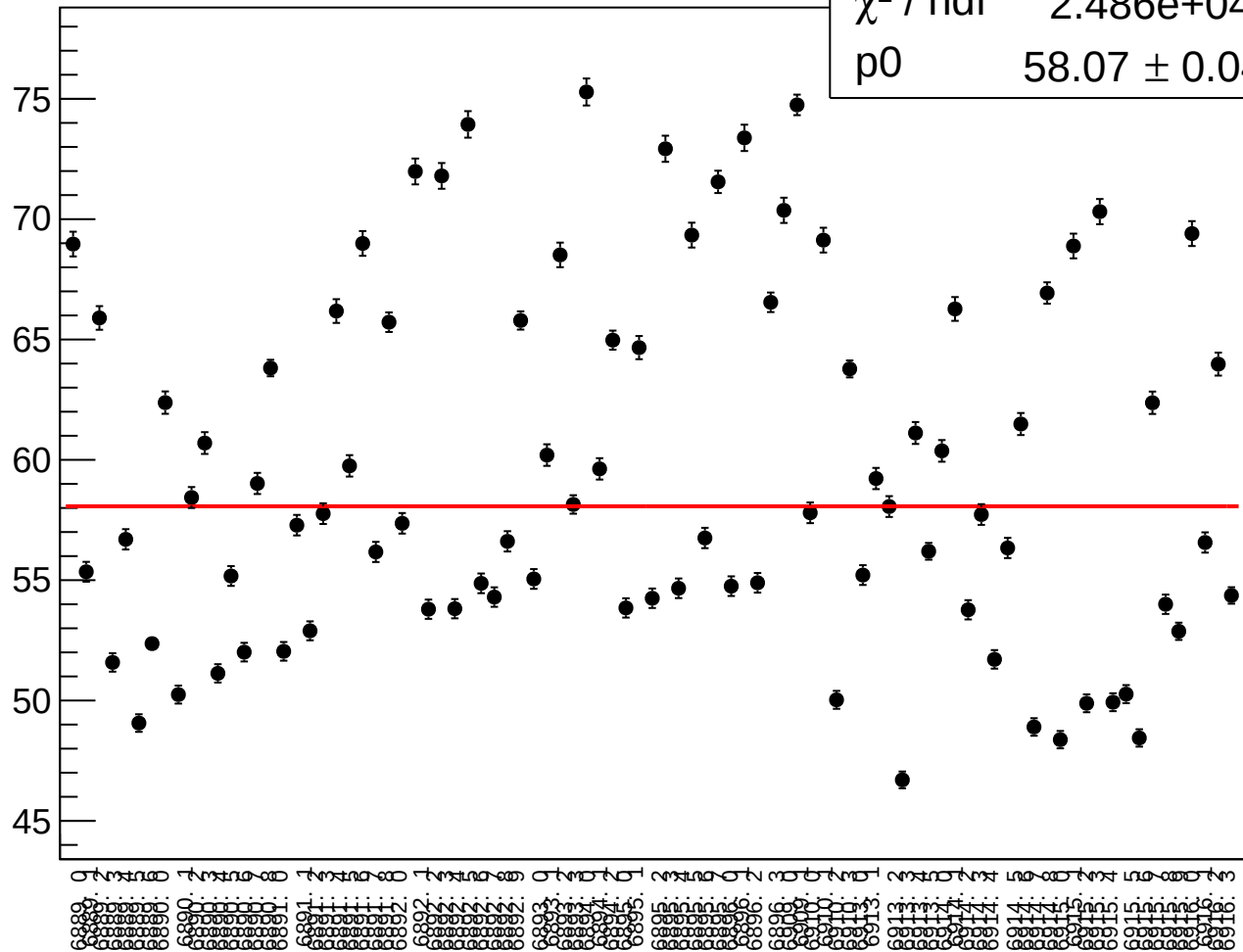


eigen_dit_asym_sam_37_dd_mean vs run

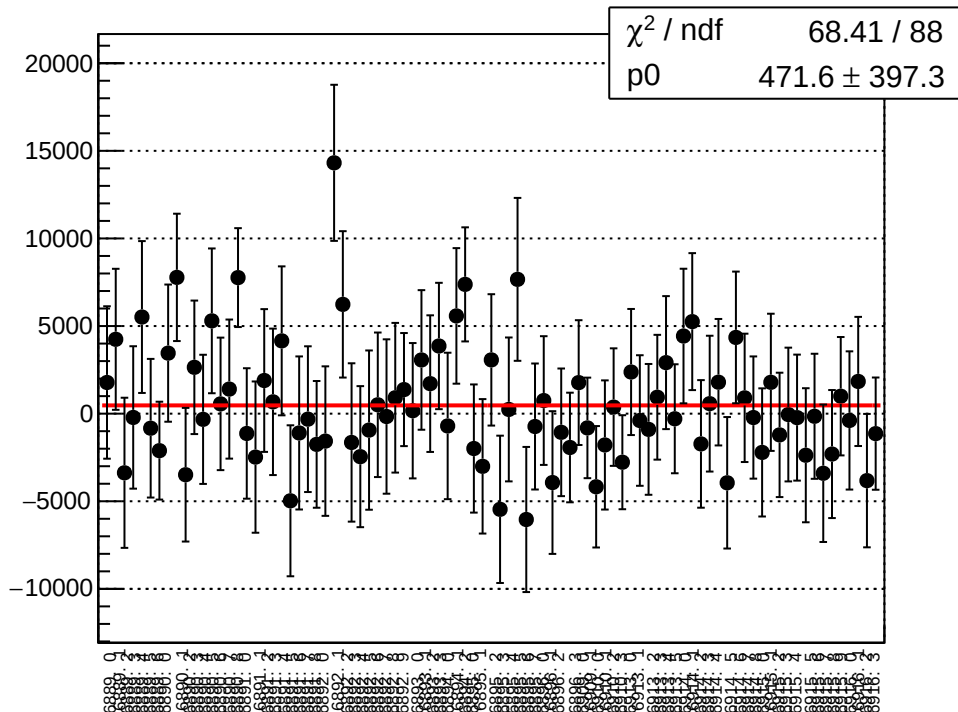


eigen_dit_asym_sam_37_dd_rms vs run

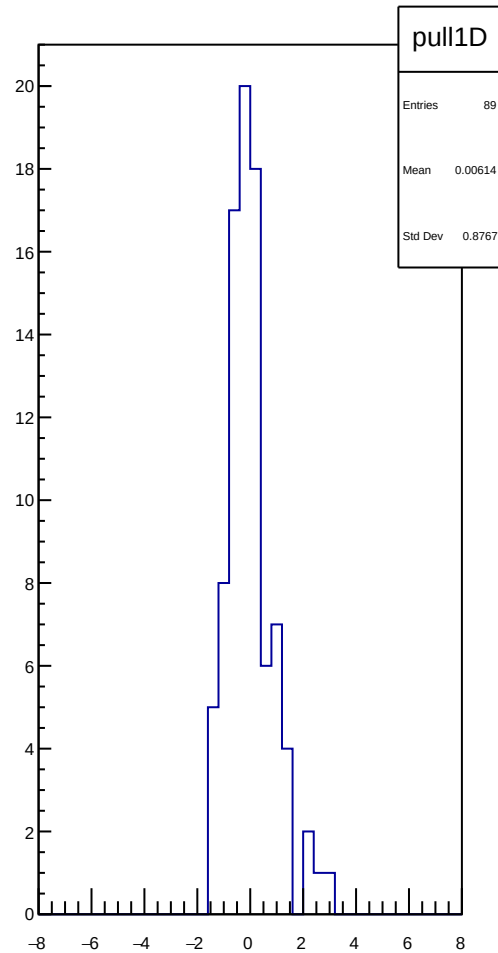
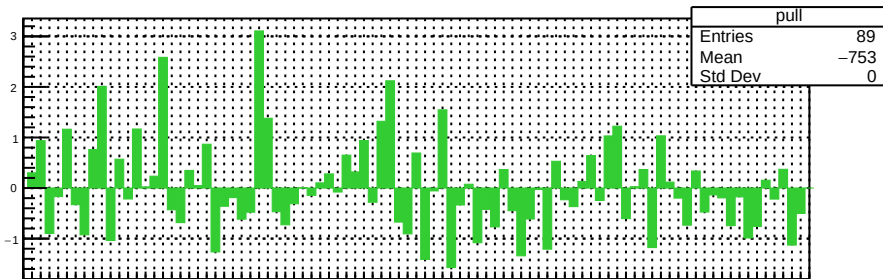
χ^2 / ndf 2.486e+04 / 88
p0 58.07 $\pm$ 0.04443



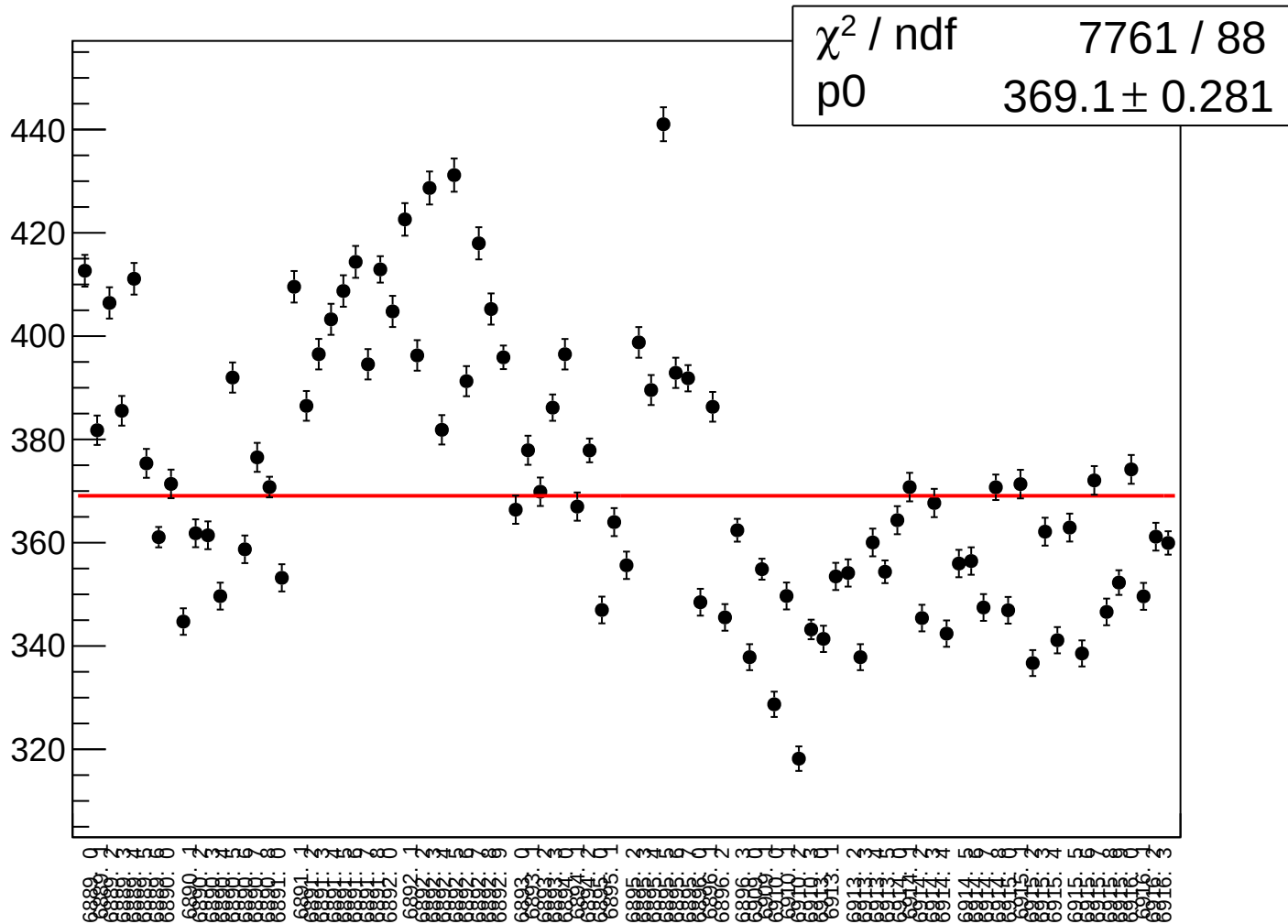
asym_sam_37_dd_eigen_dit_correction_mean vs run



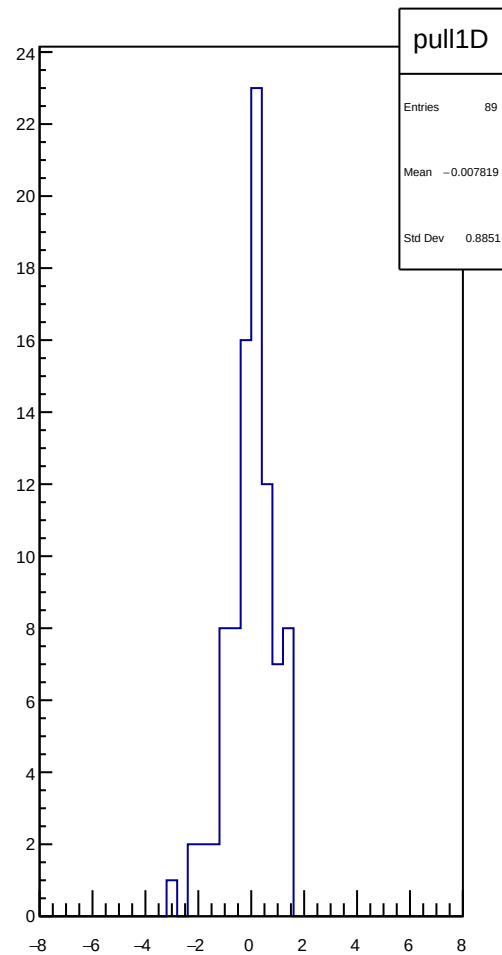
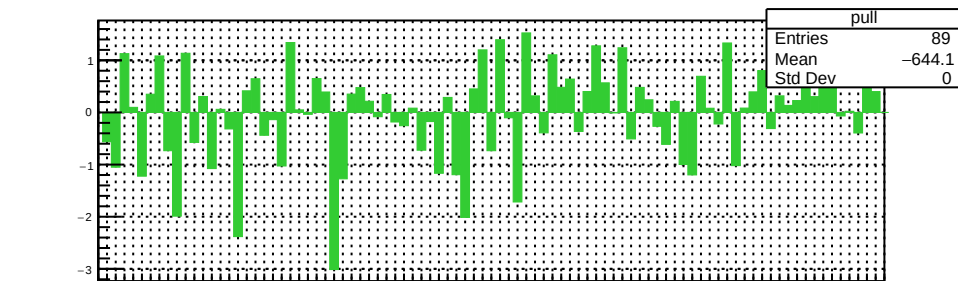
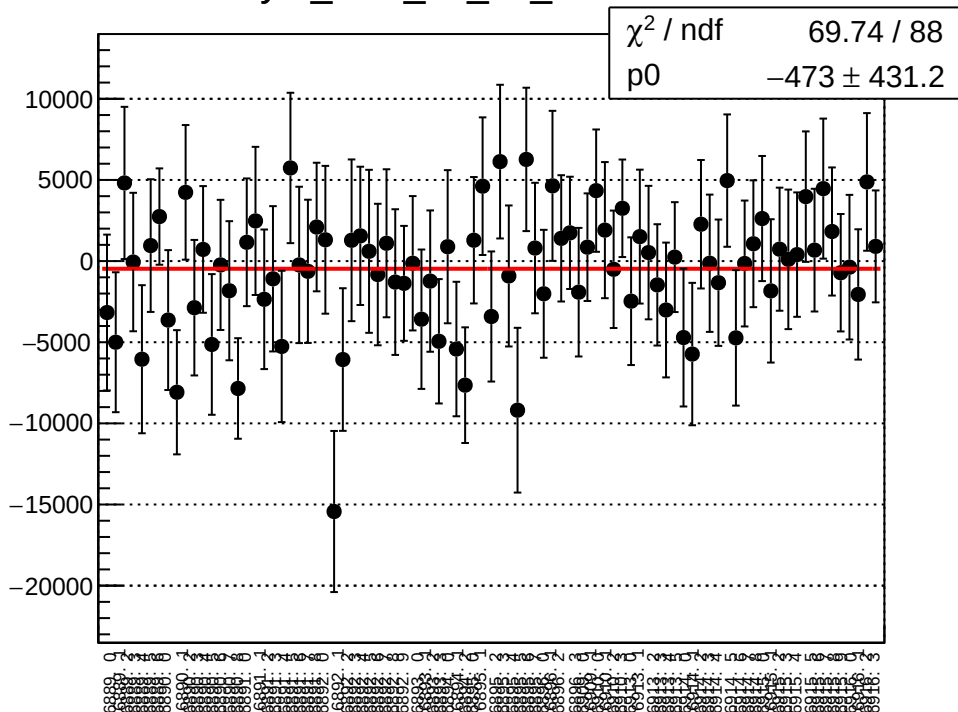
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asym_sam_37_dd_eigen_dit_correction_rms vs run



asym_sam_37_dd_mean vs run



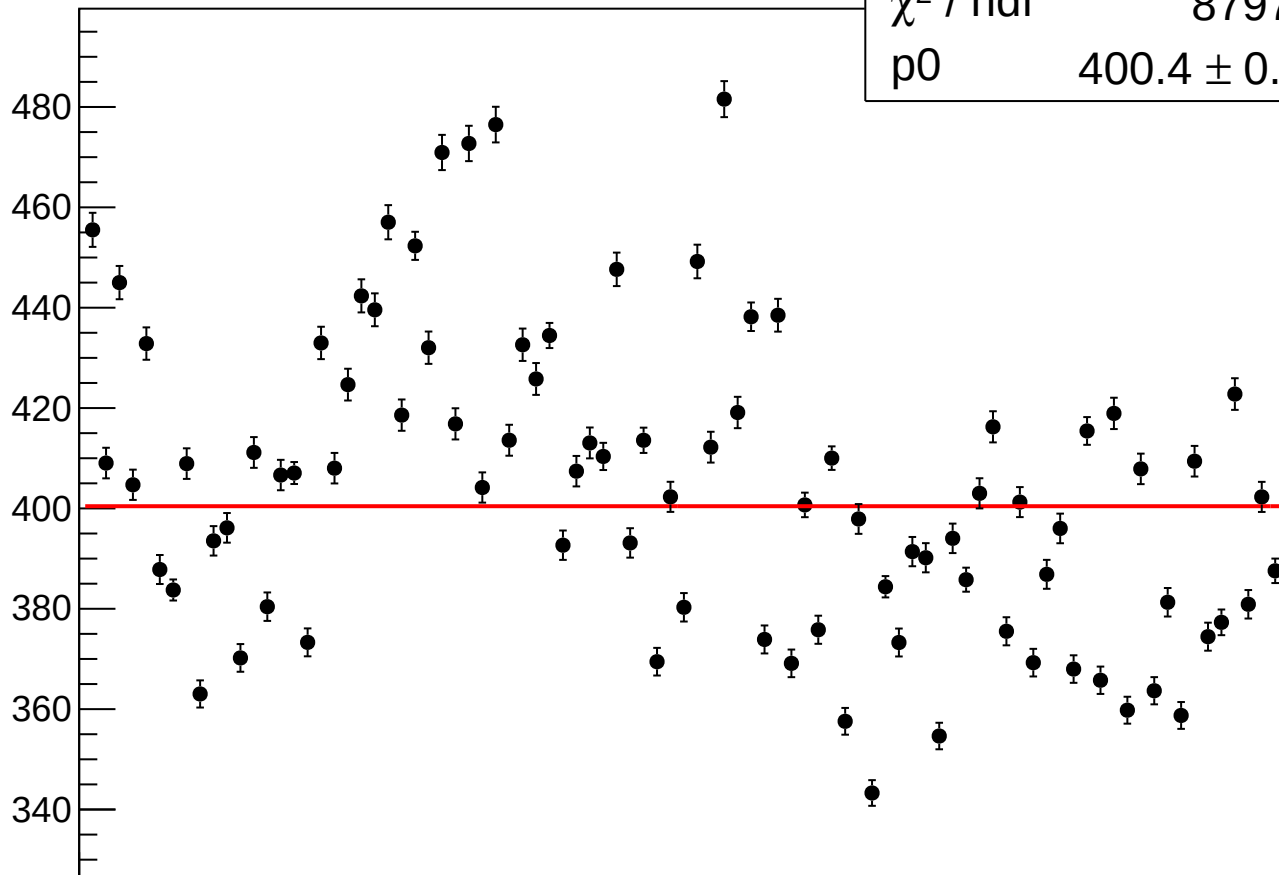
asym_sam_37_dd_rms vs run

χ^2 / ndf

8797 / 88

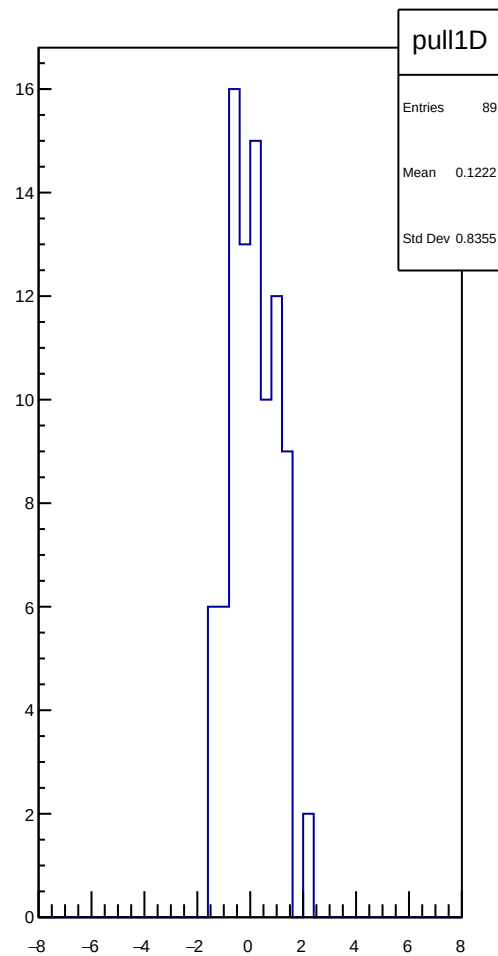
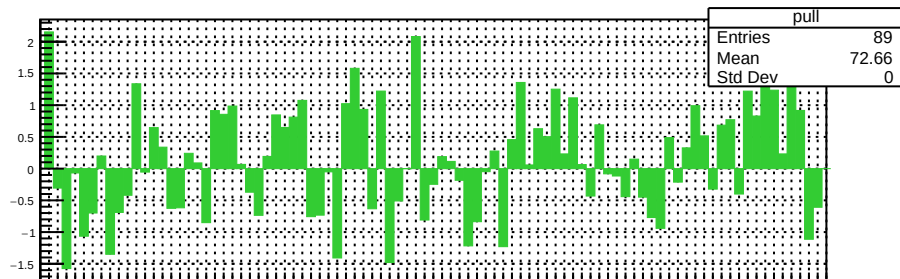
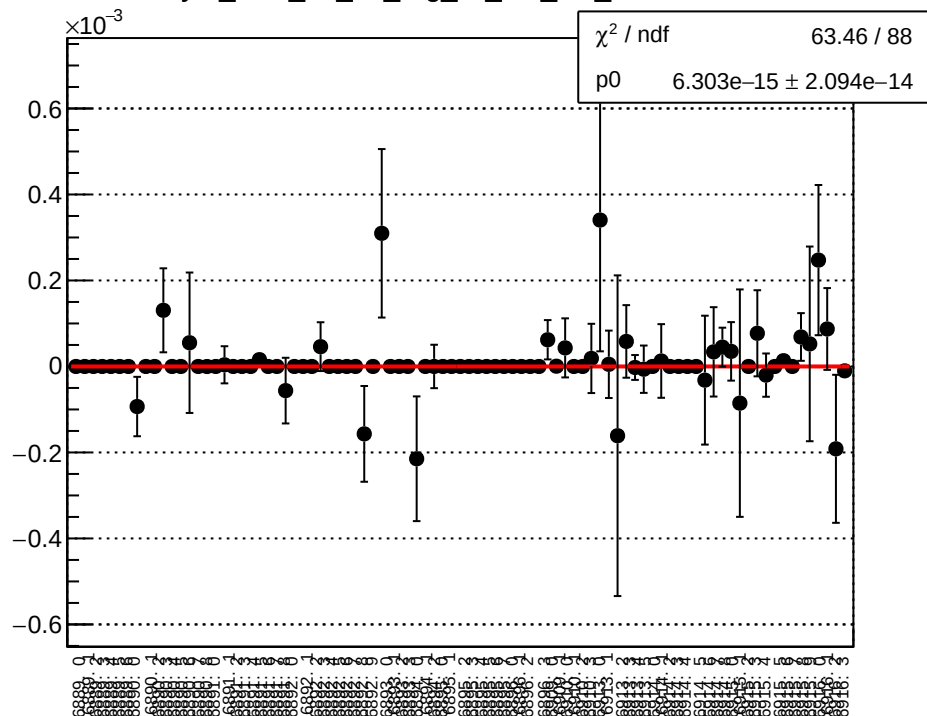
p0

400.4 ± 0.3049

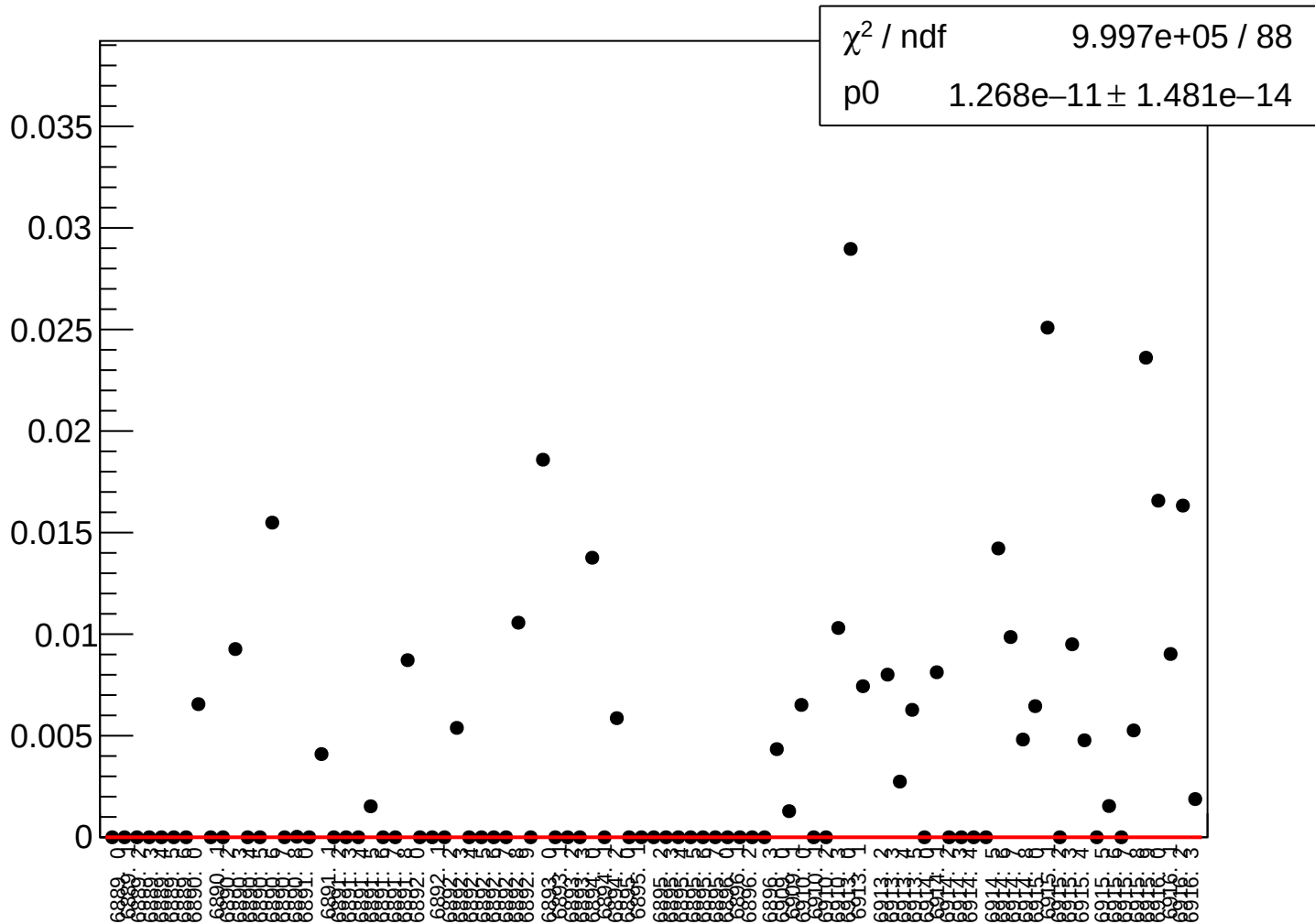


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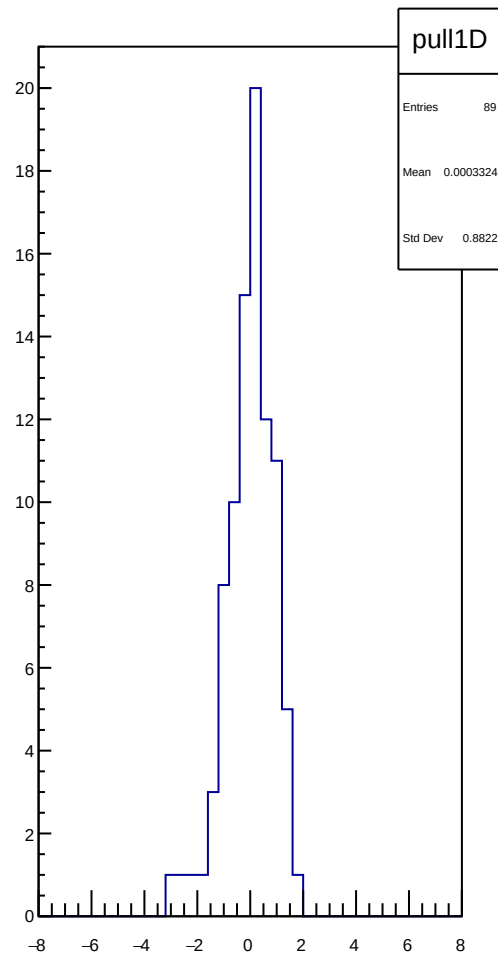
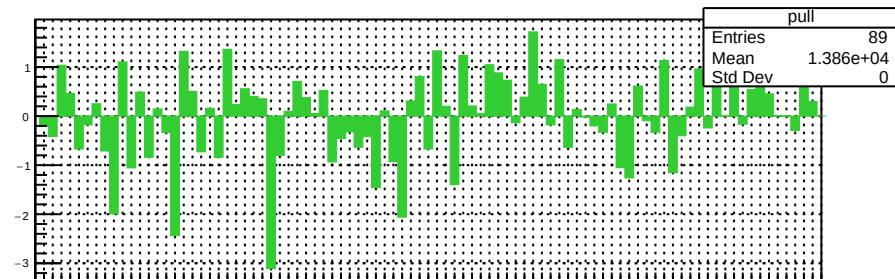
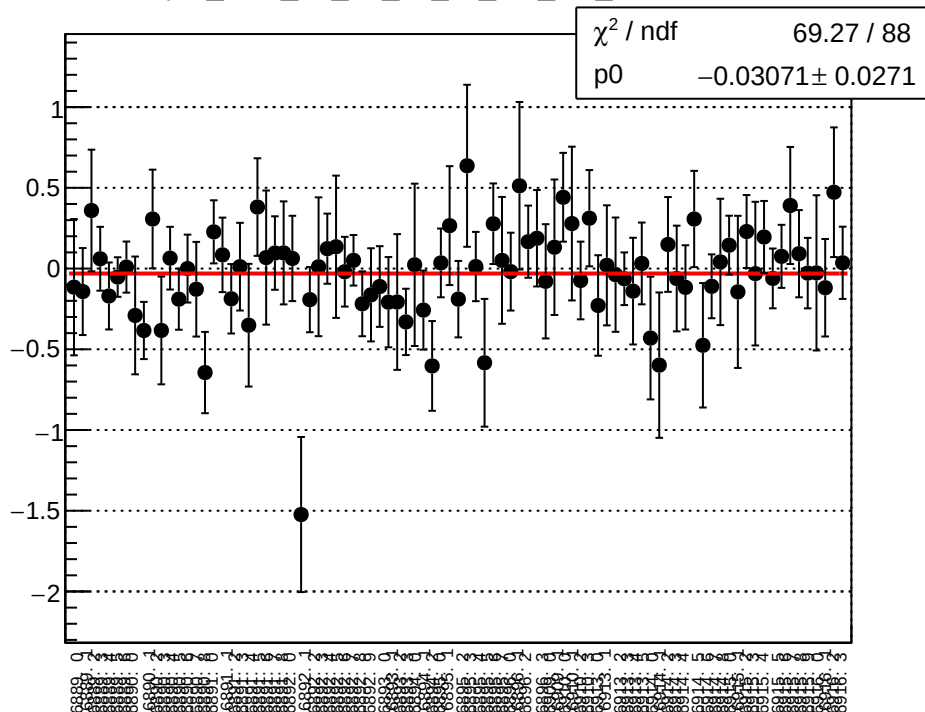
asym_sam_37_dd_reg_vs_cor_diff_mean vs run



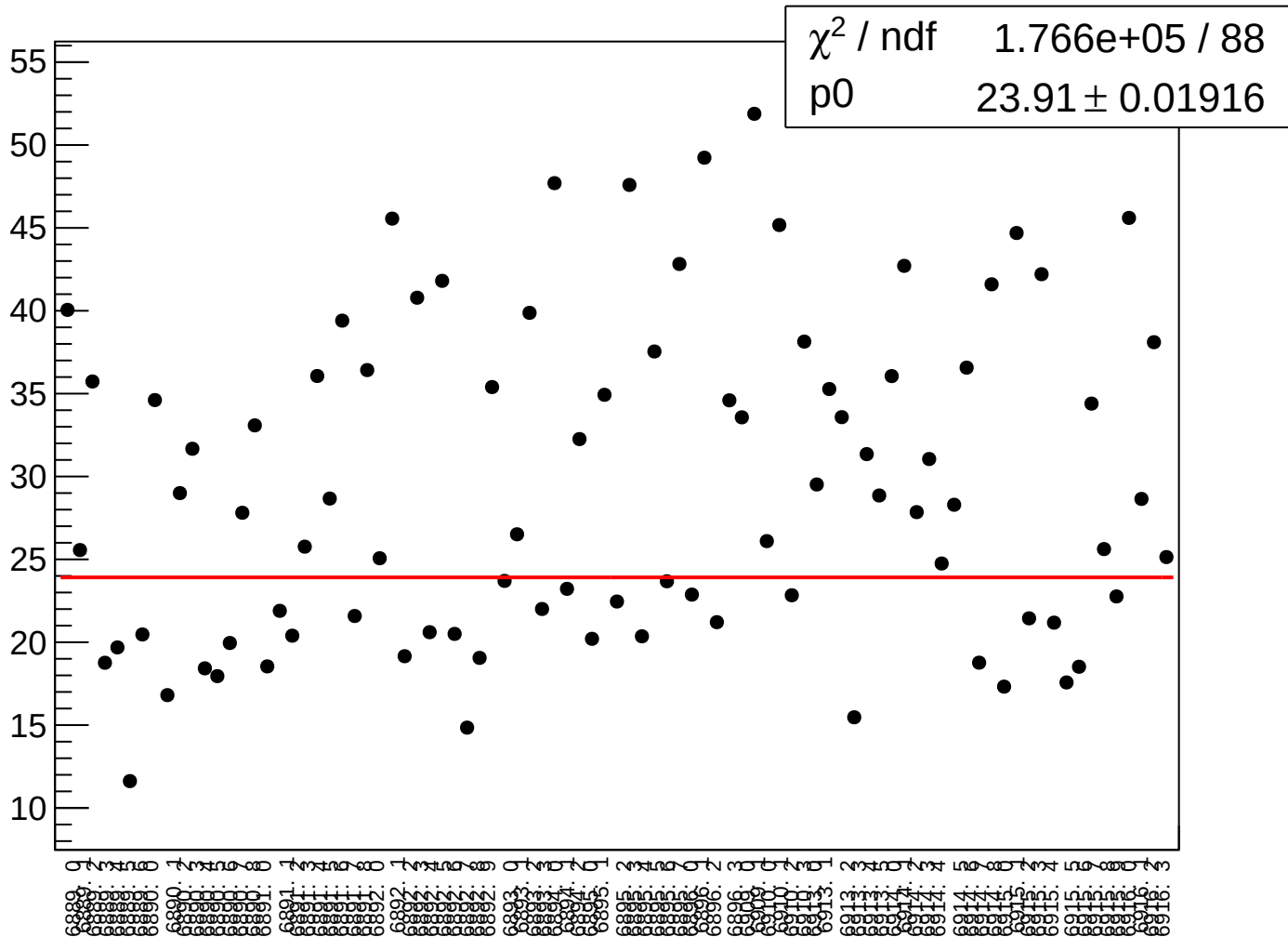
asym_sam_37_dd_reg_vs_cor_diff_rms vs run



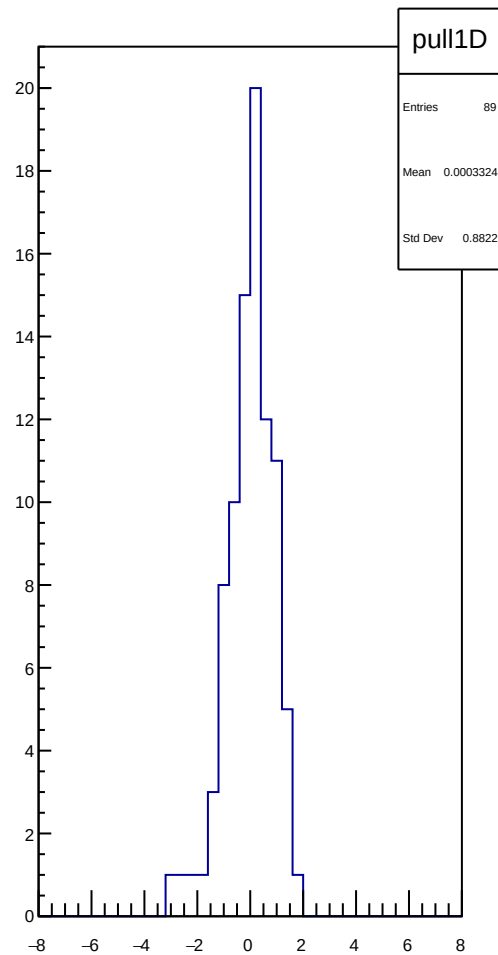
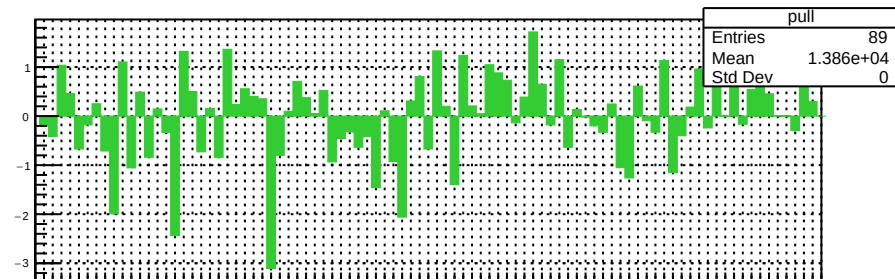
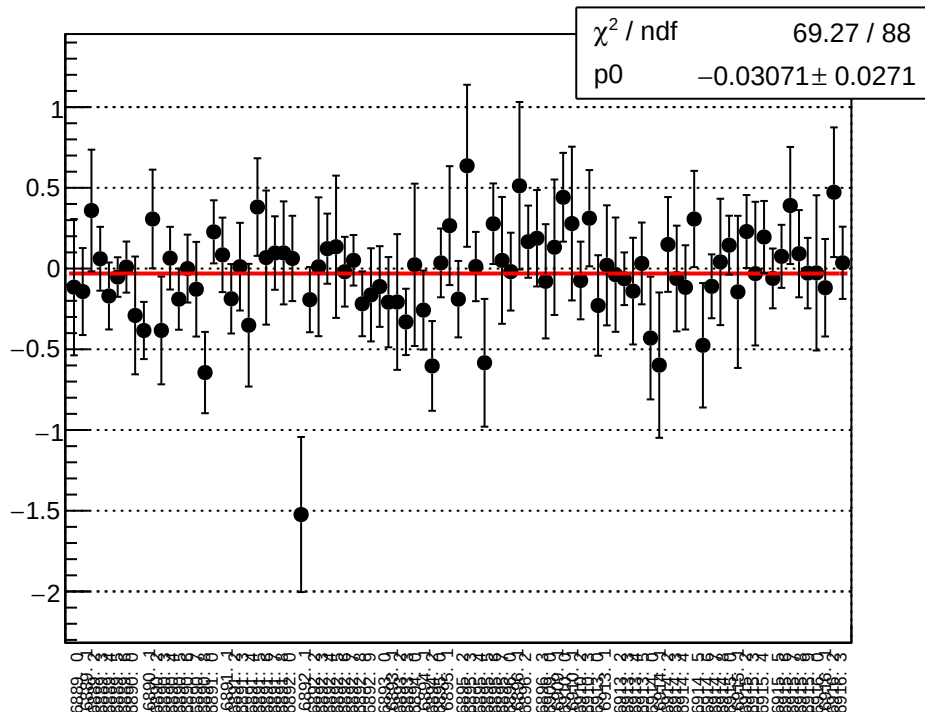
asym_sam_37_dd_dit_vs_cor_diff_mean vs run



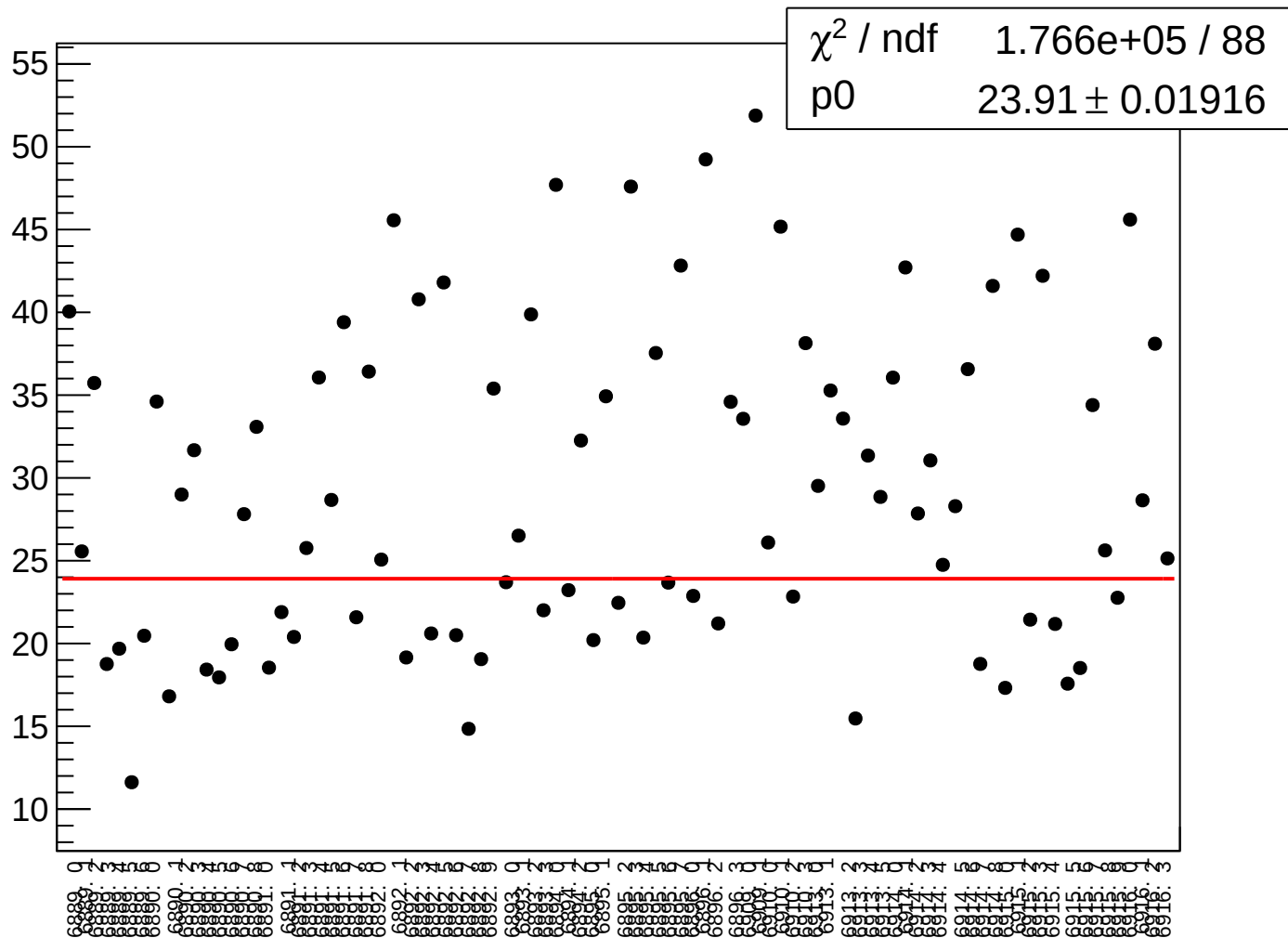
asym_sam_37_dd_dit_vs_cor_diff_rms vs run



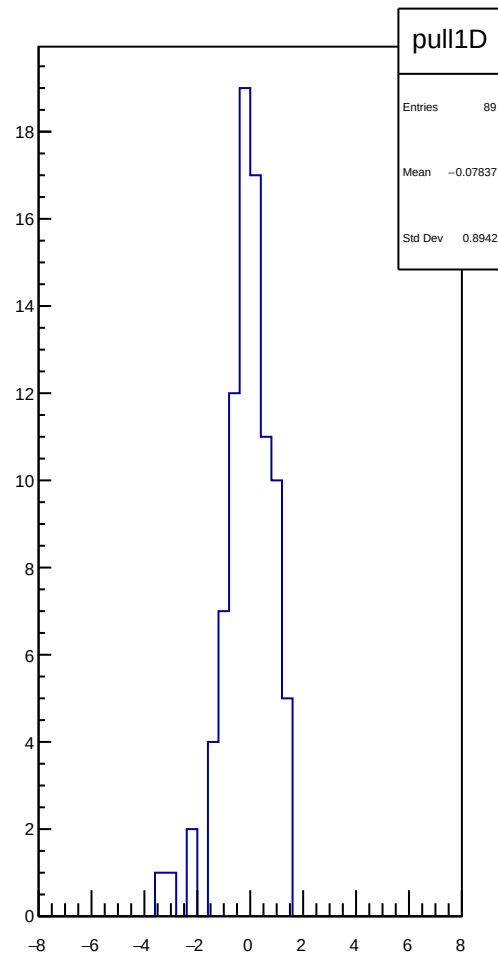
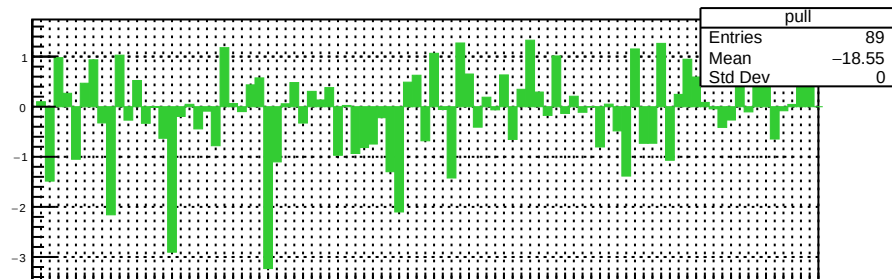
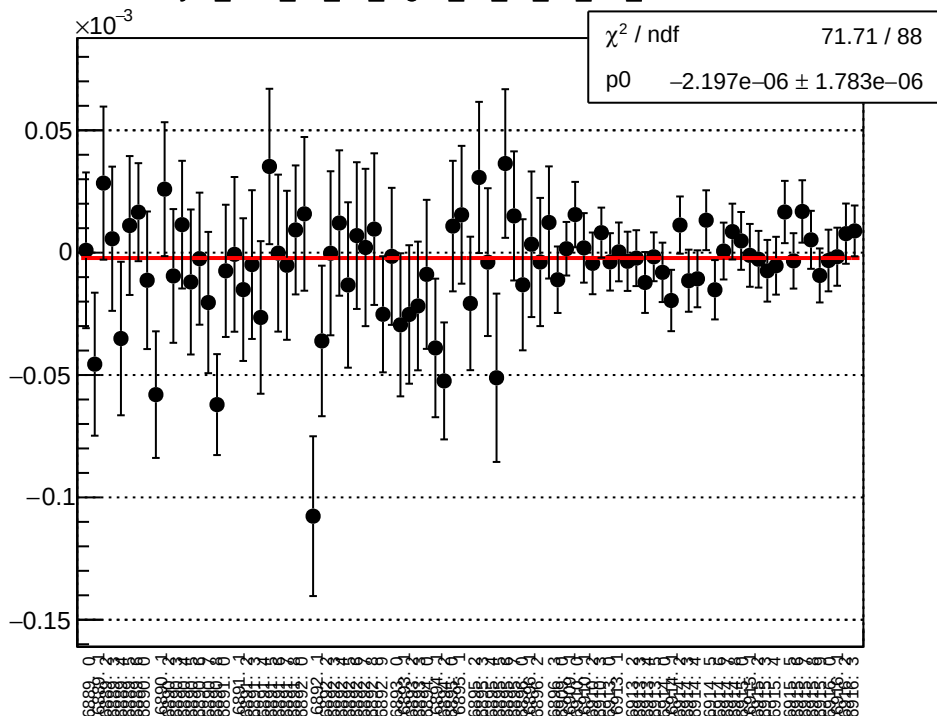
asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs run



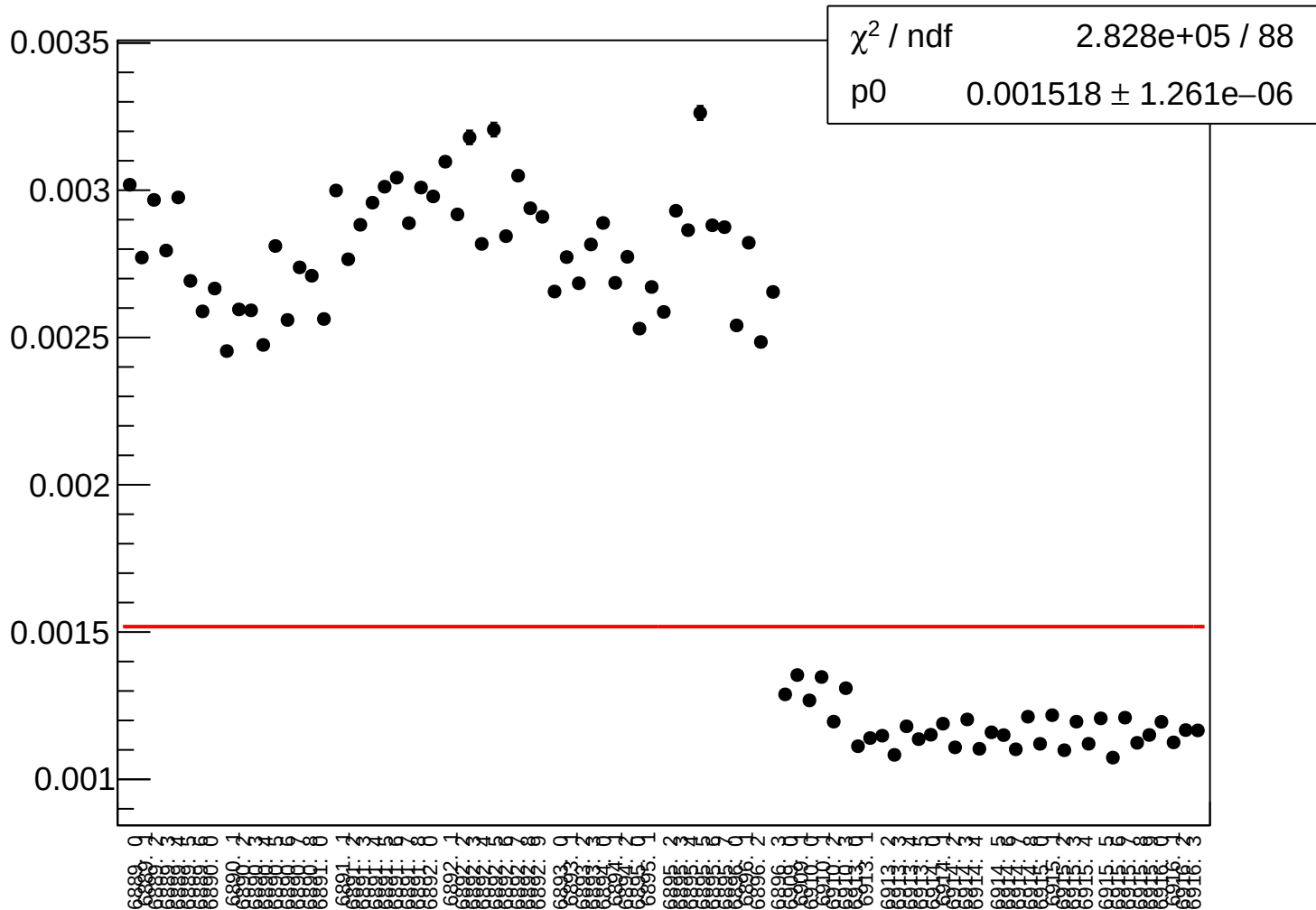
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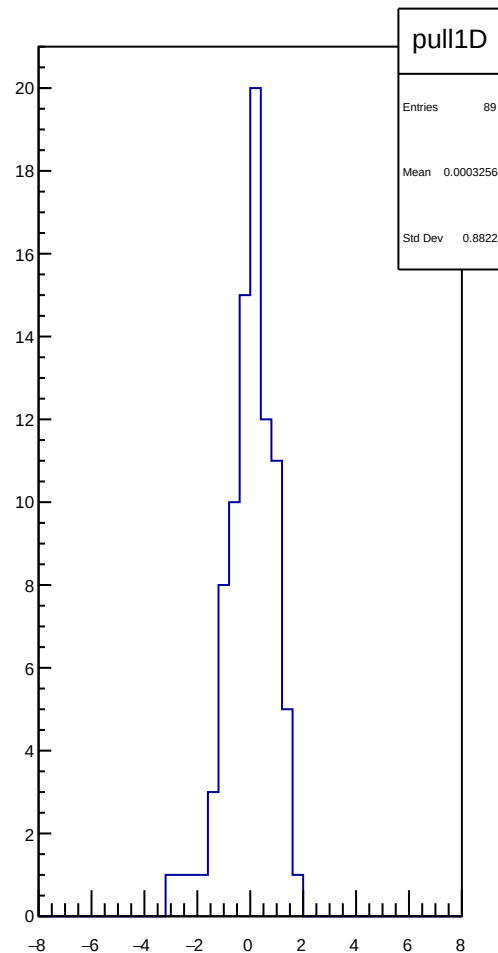
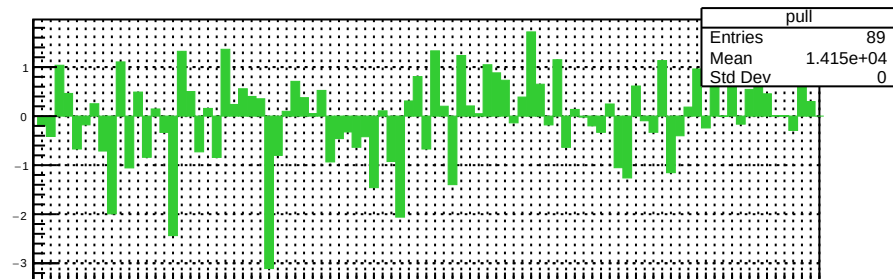
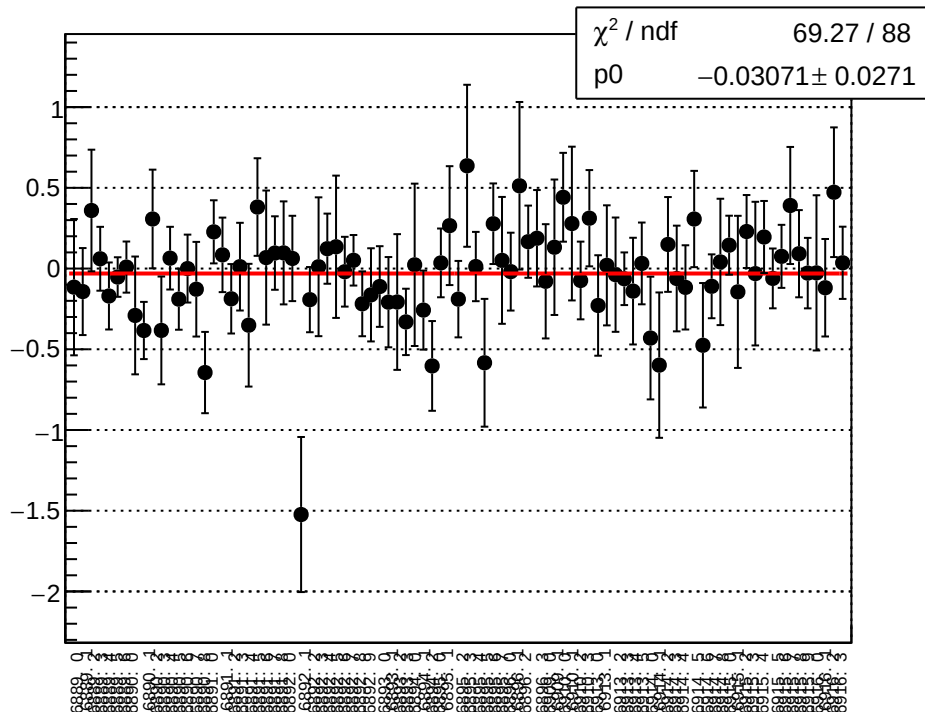
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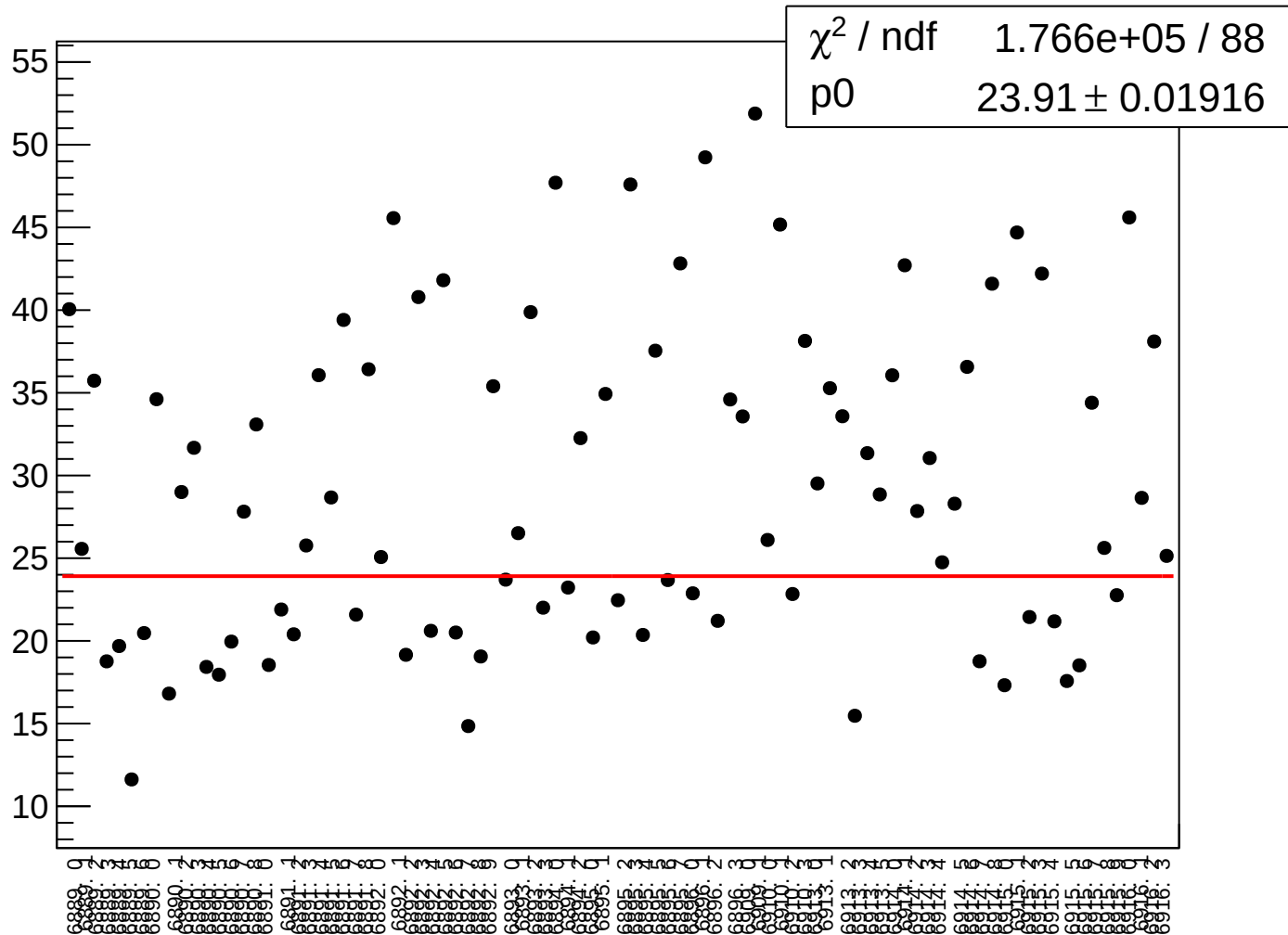
asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs run



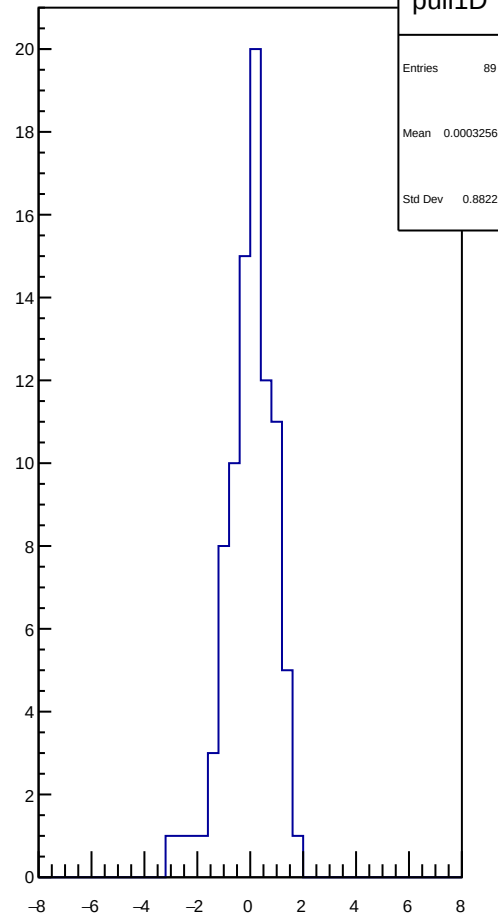
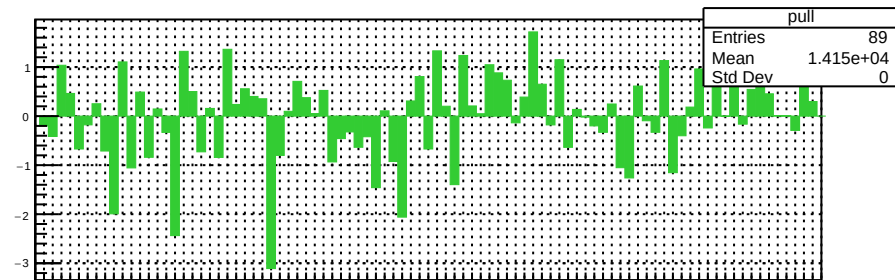
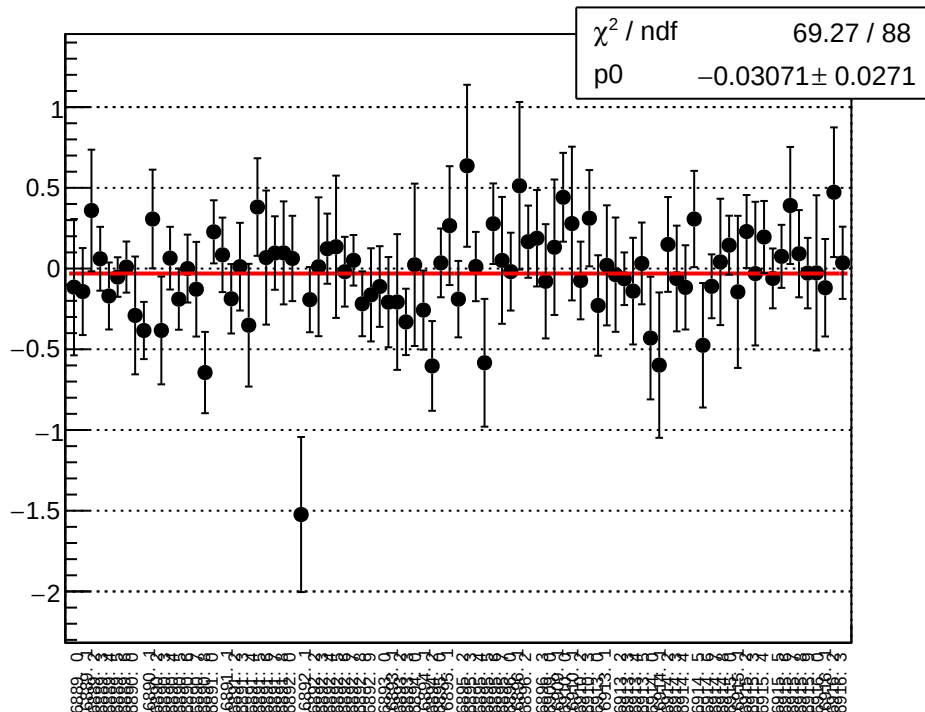
asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs run



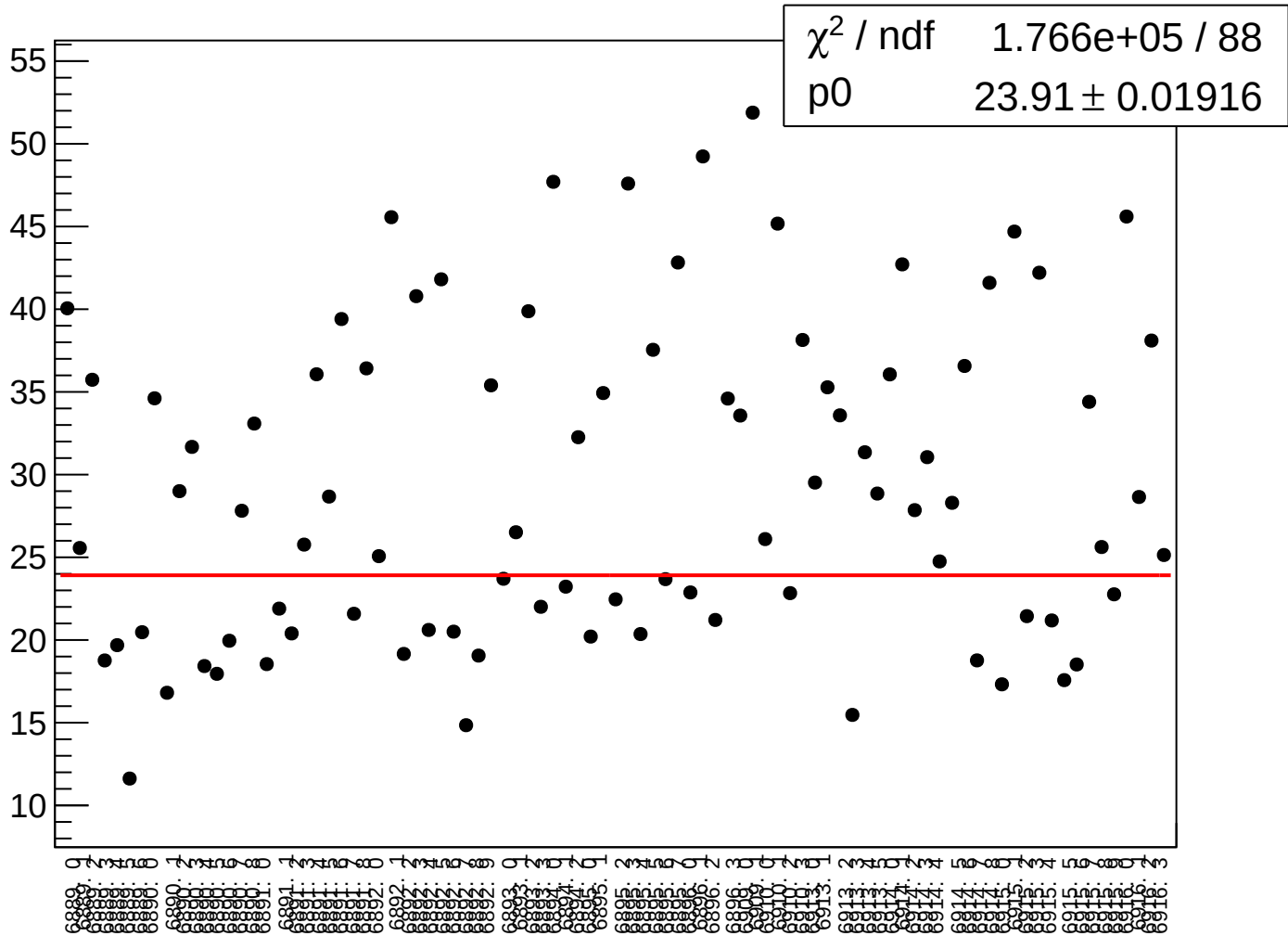
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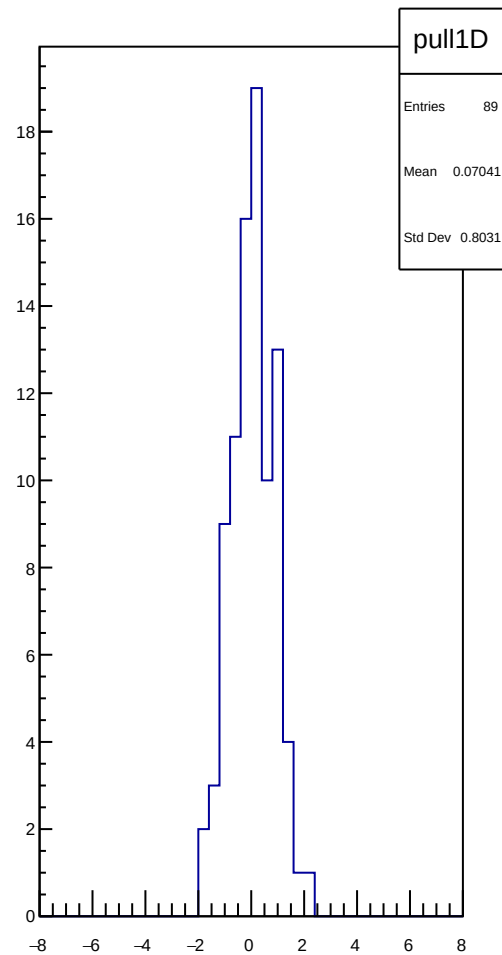
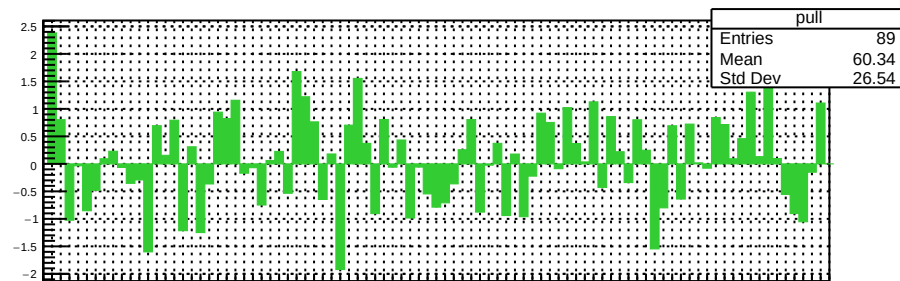
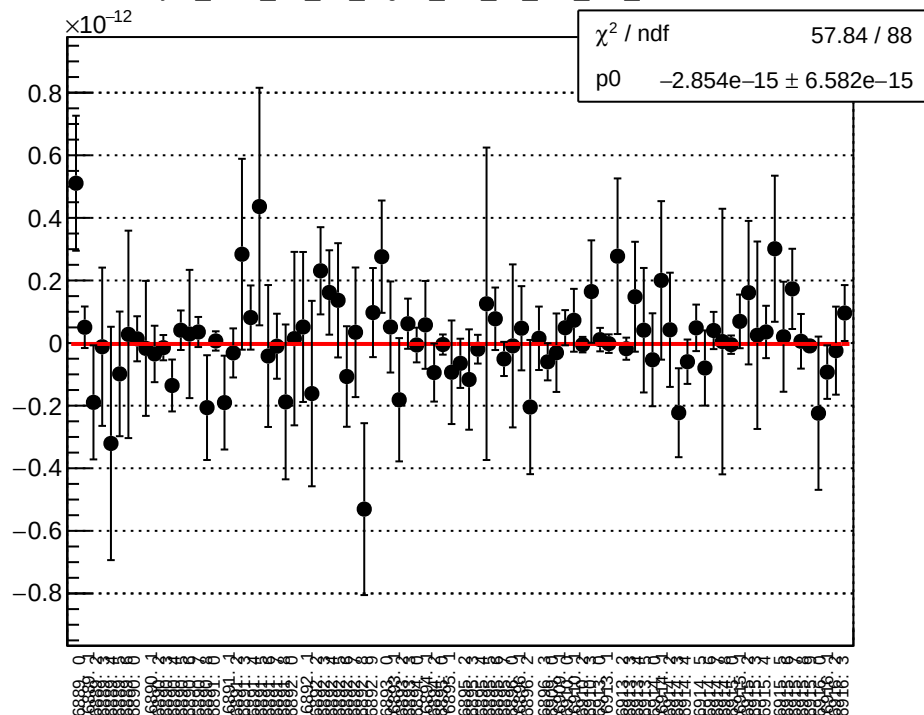
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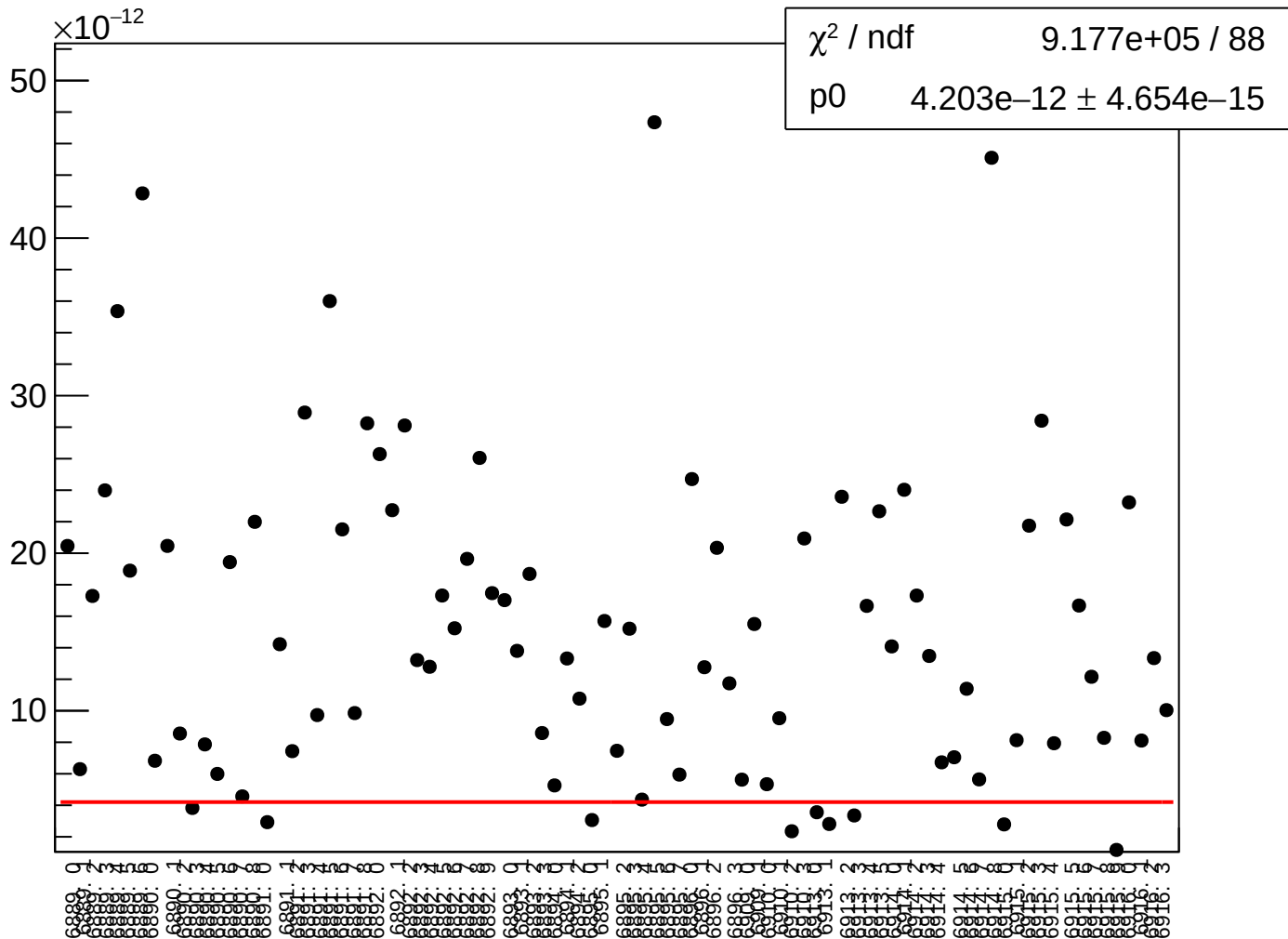
asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



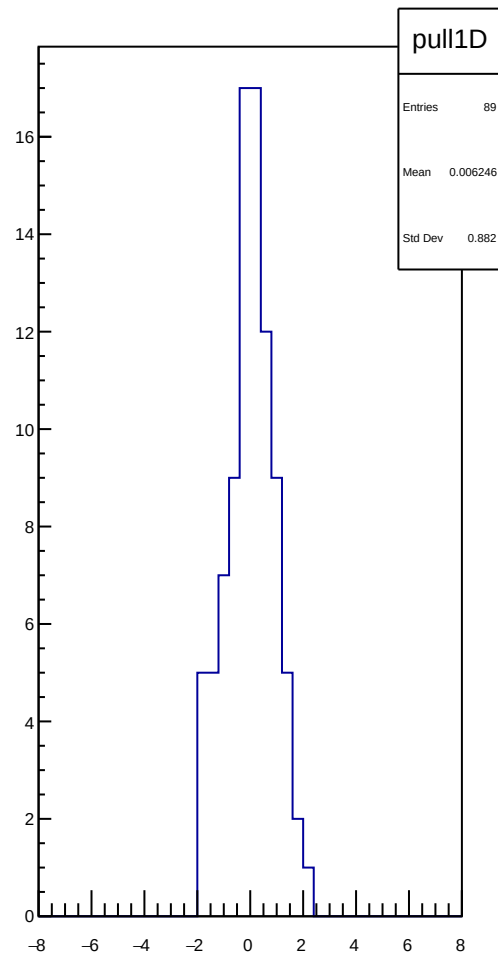
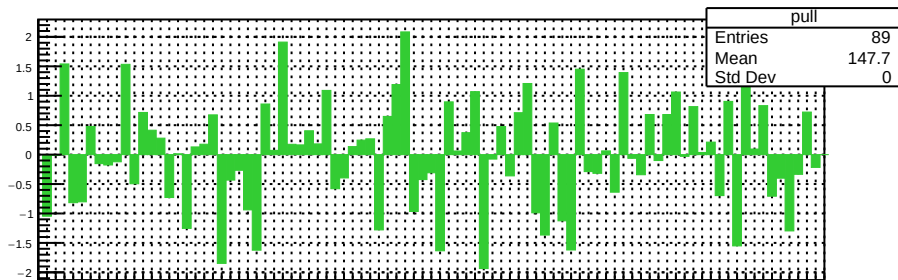
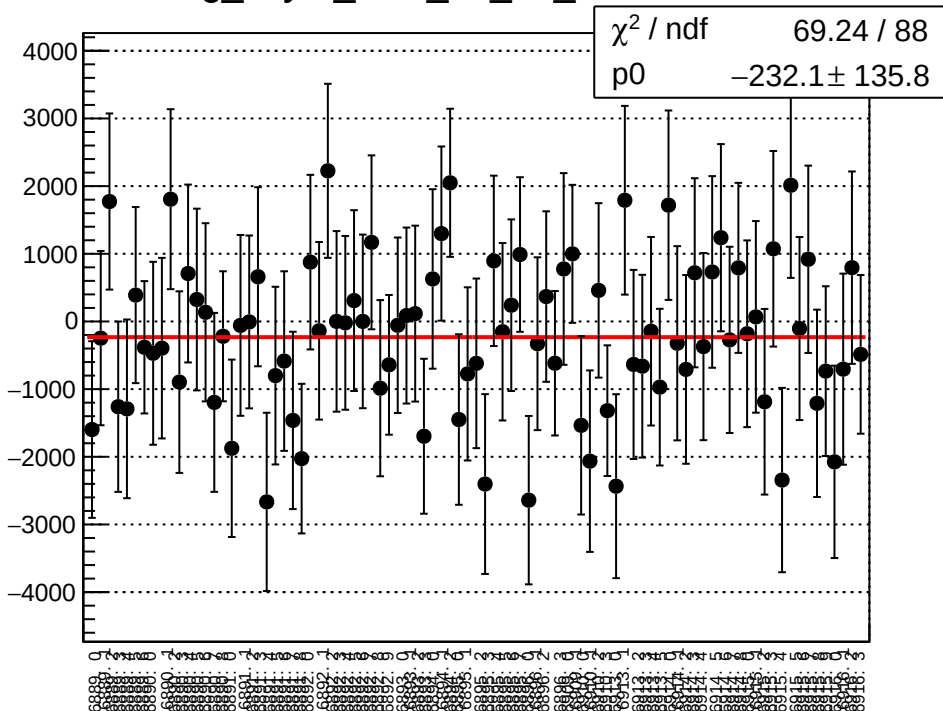
asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs run



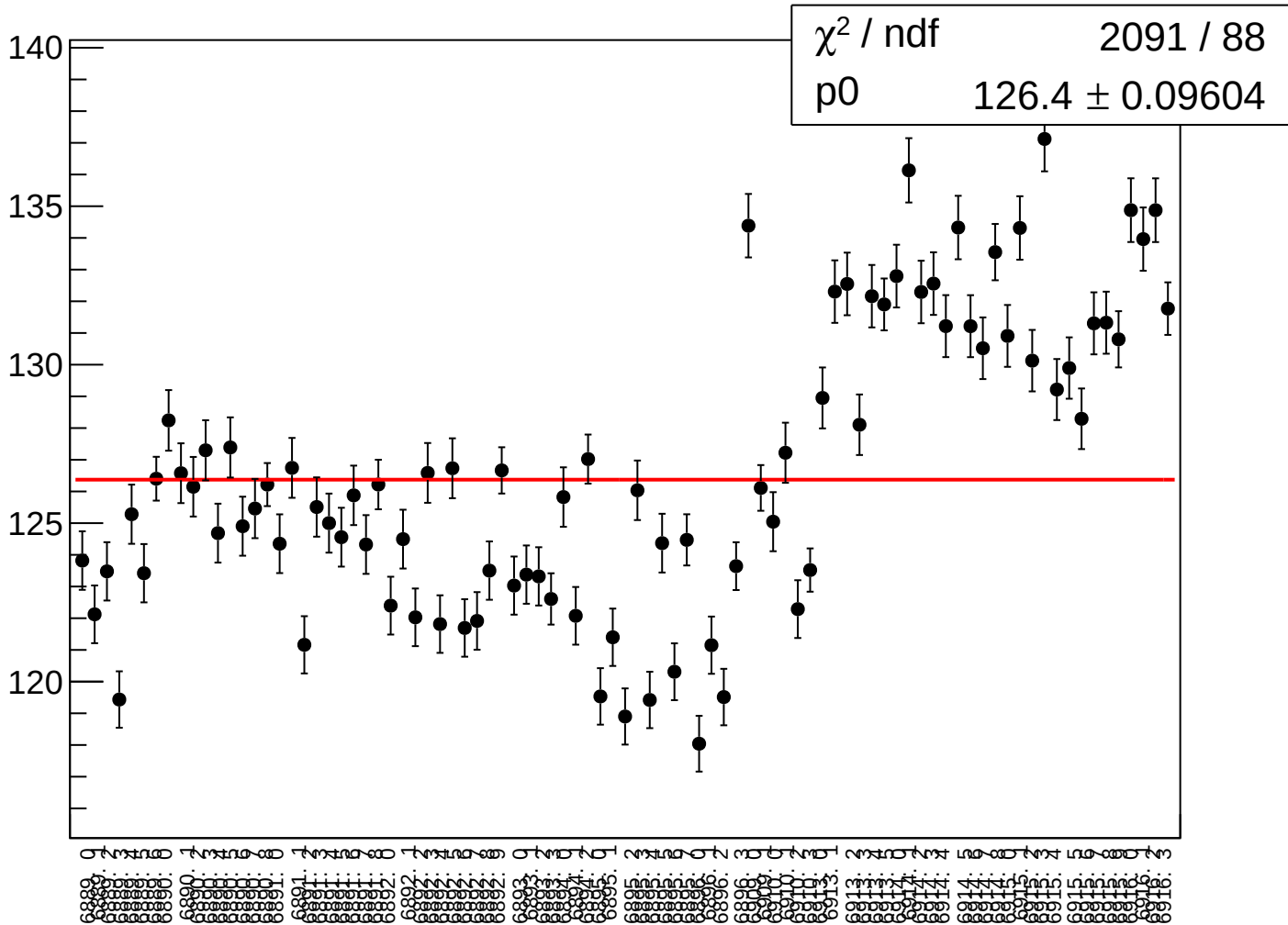
asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs run



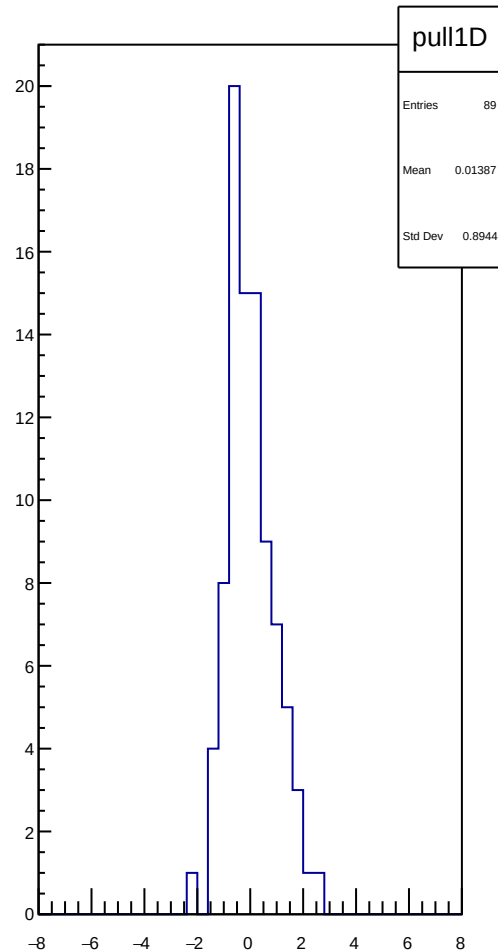
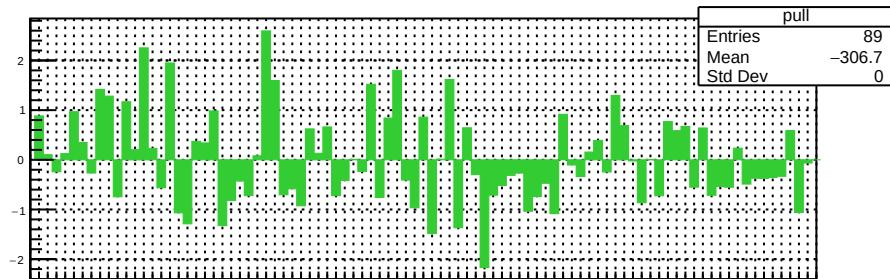
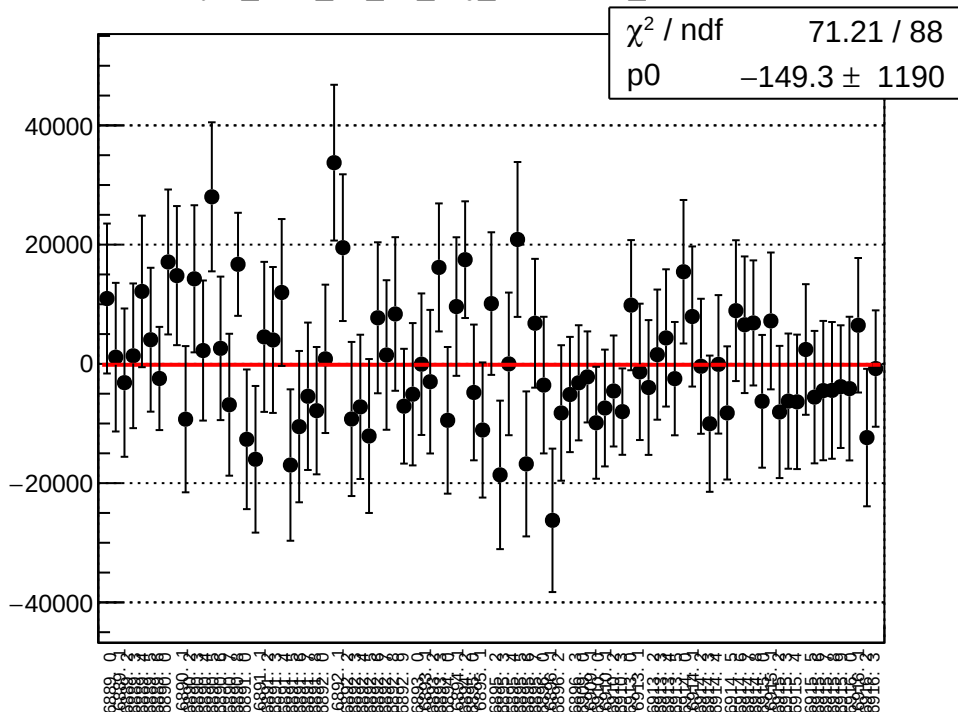
reg_asym_sam_48_dd_mean vs run



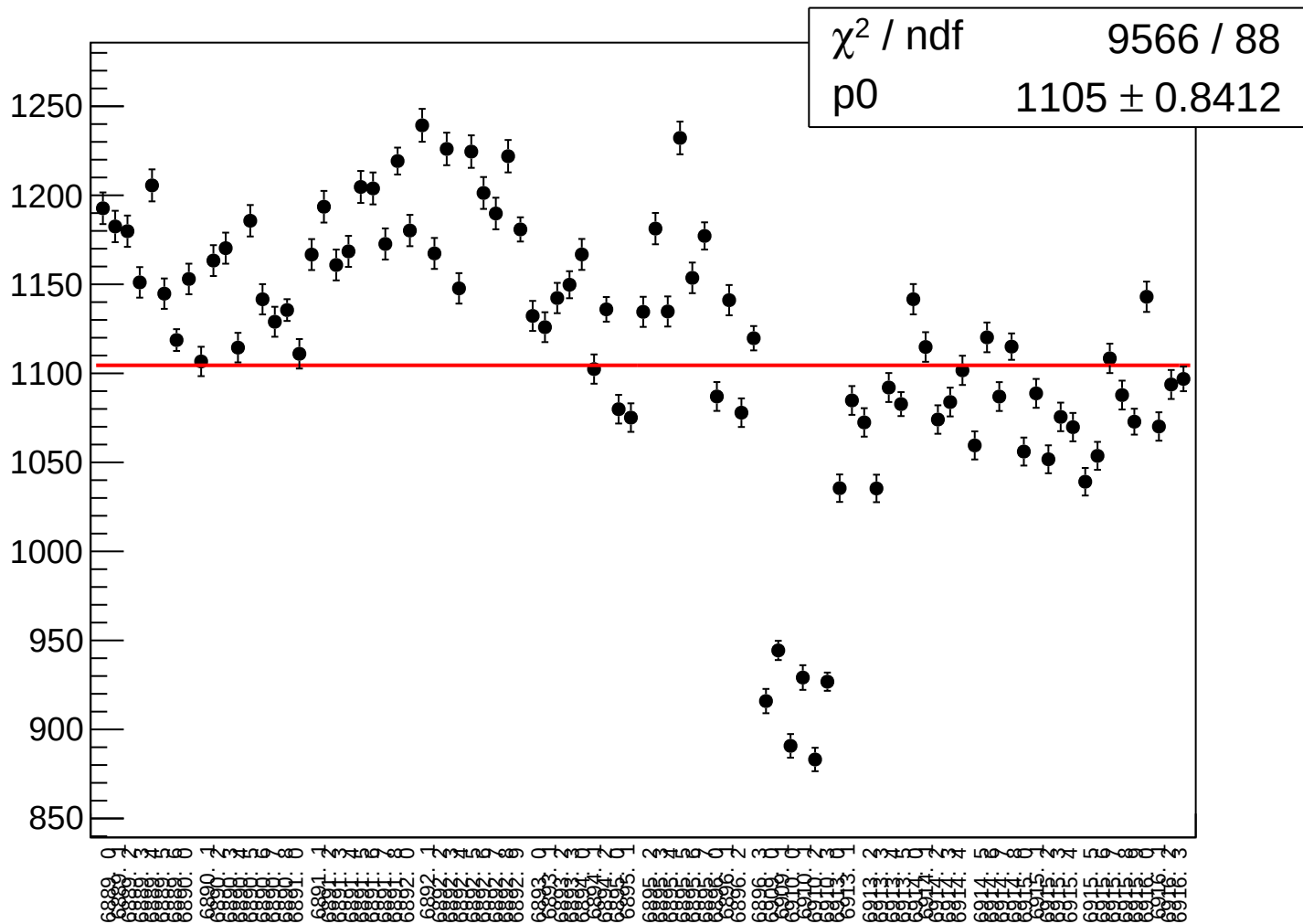
reg_asym_sam_48_dd_rms vs run



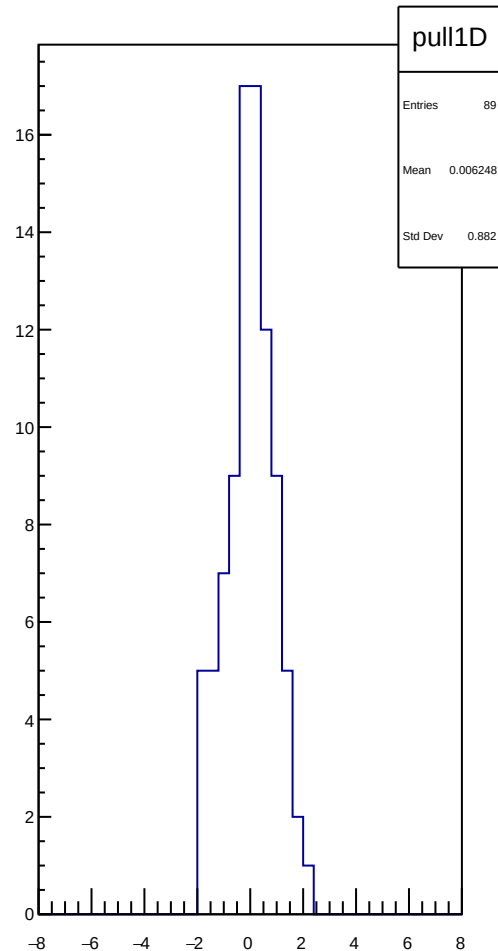
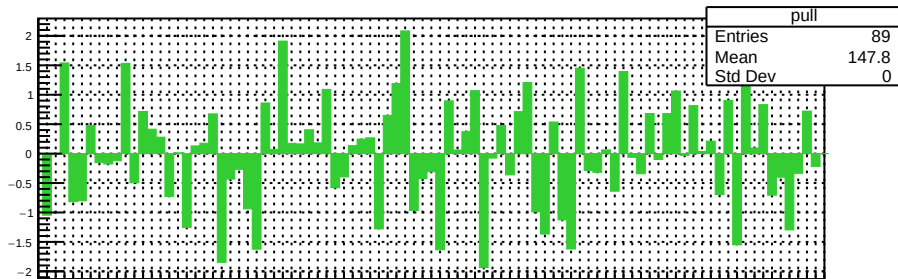
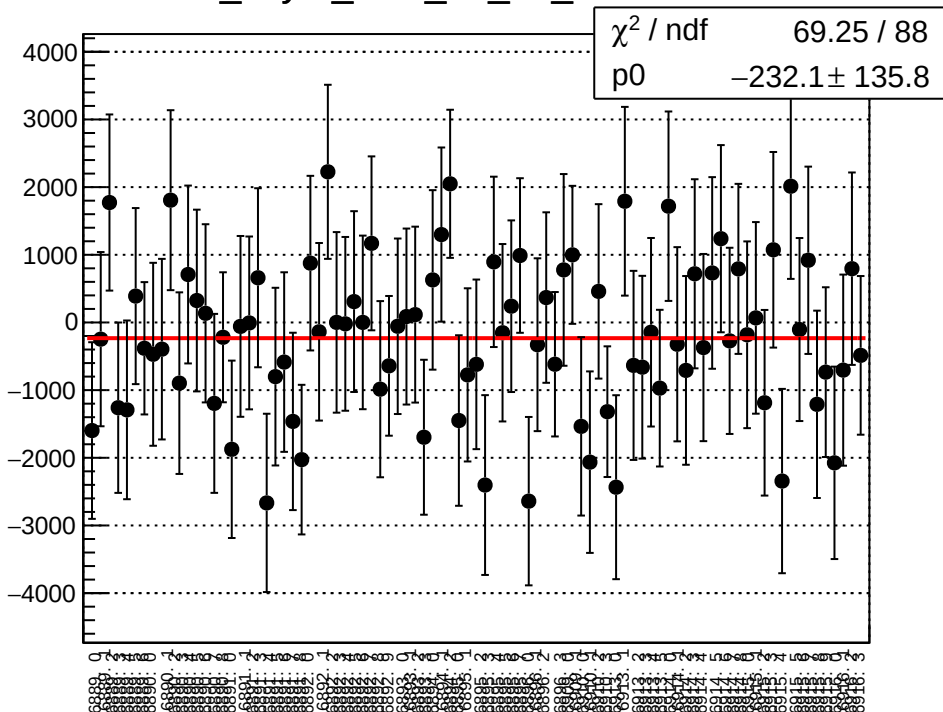
asym_sam_48_dd_reg_correction_mean vs run



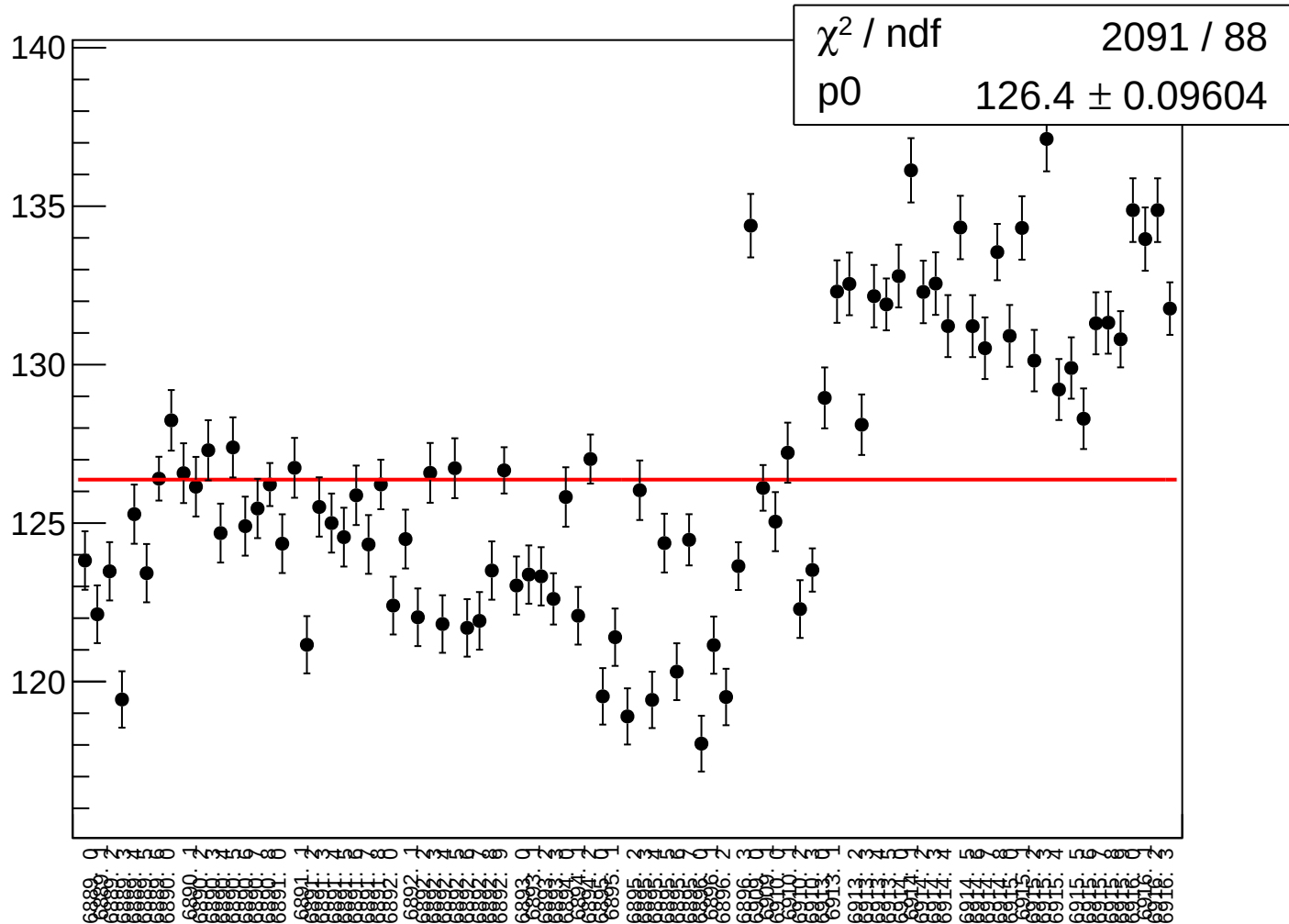
asym_sam_48_dd_reg_correction_rms vs run



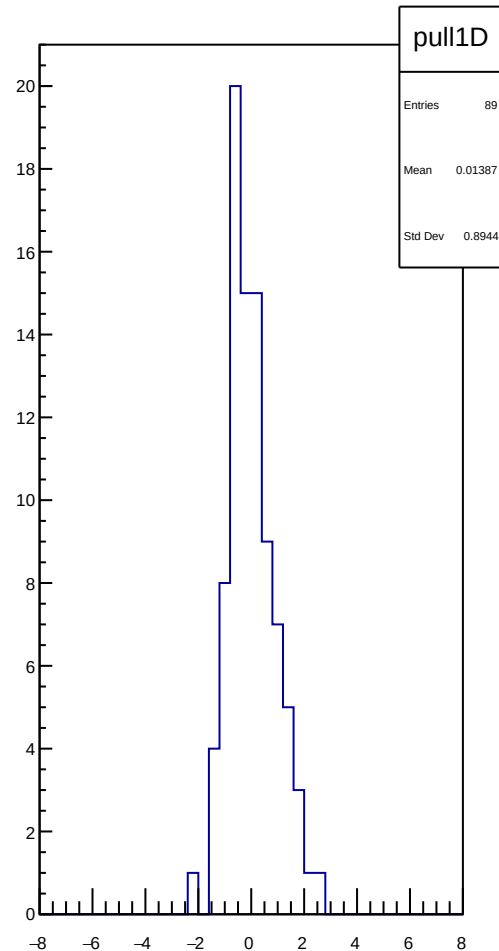
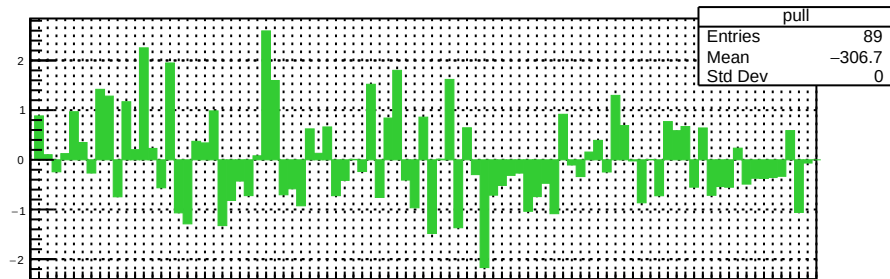
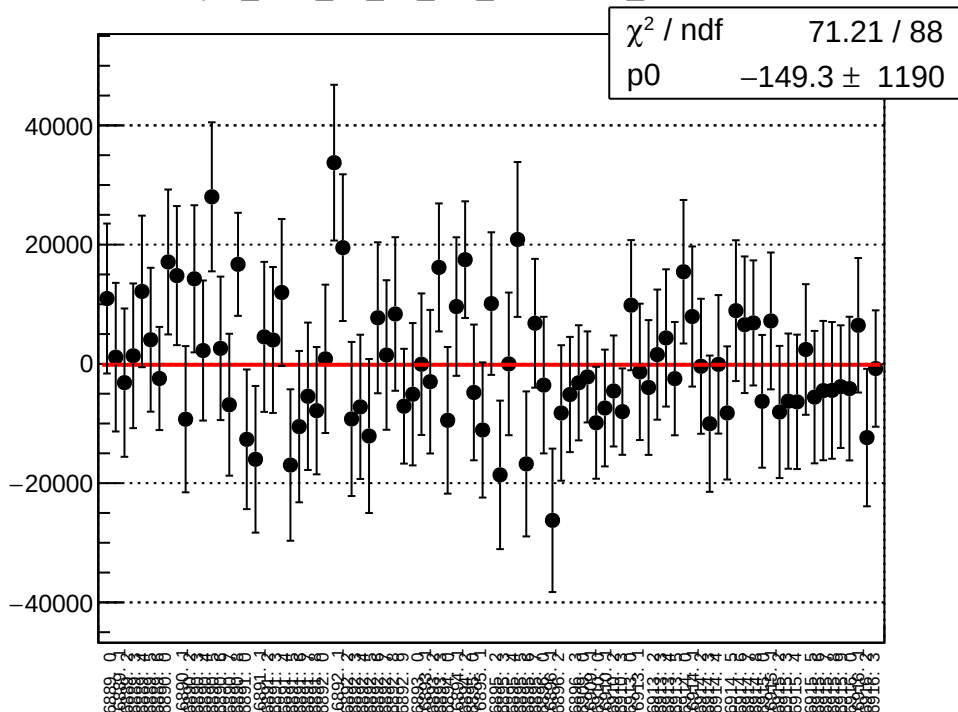
cor_asym_sam_48_dd_mean vs run



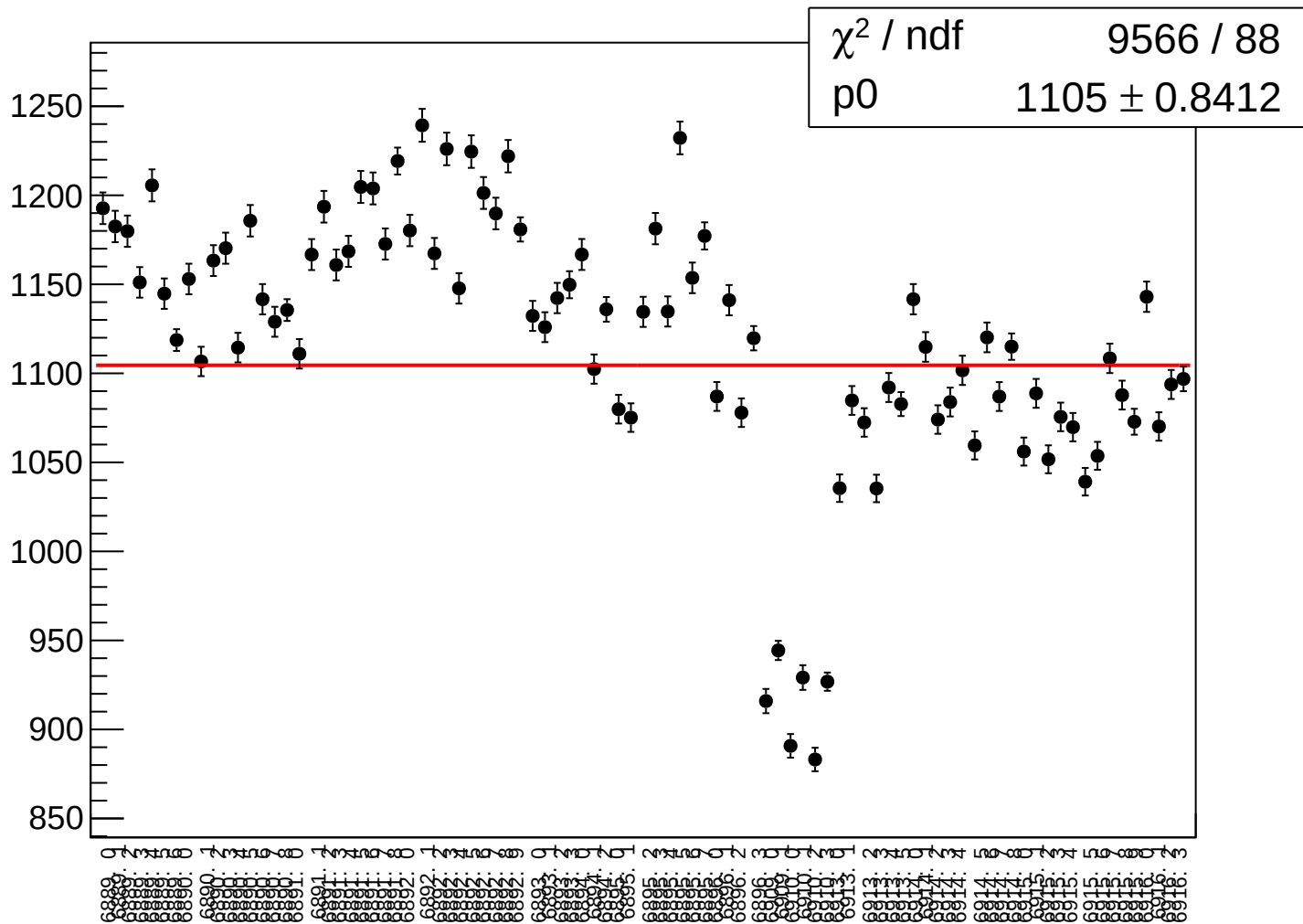
cor_asym_sam_48_dd_rms vs run



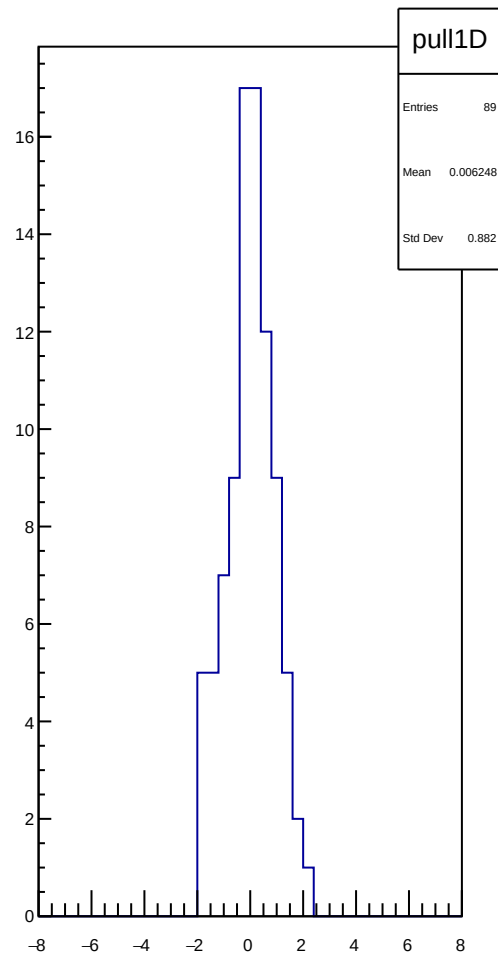
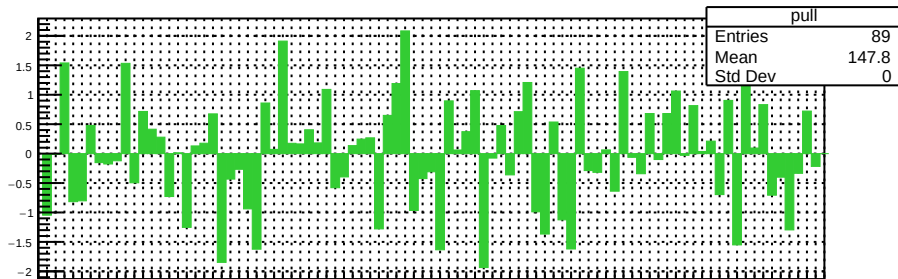
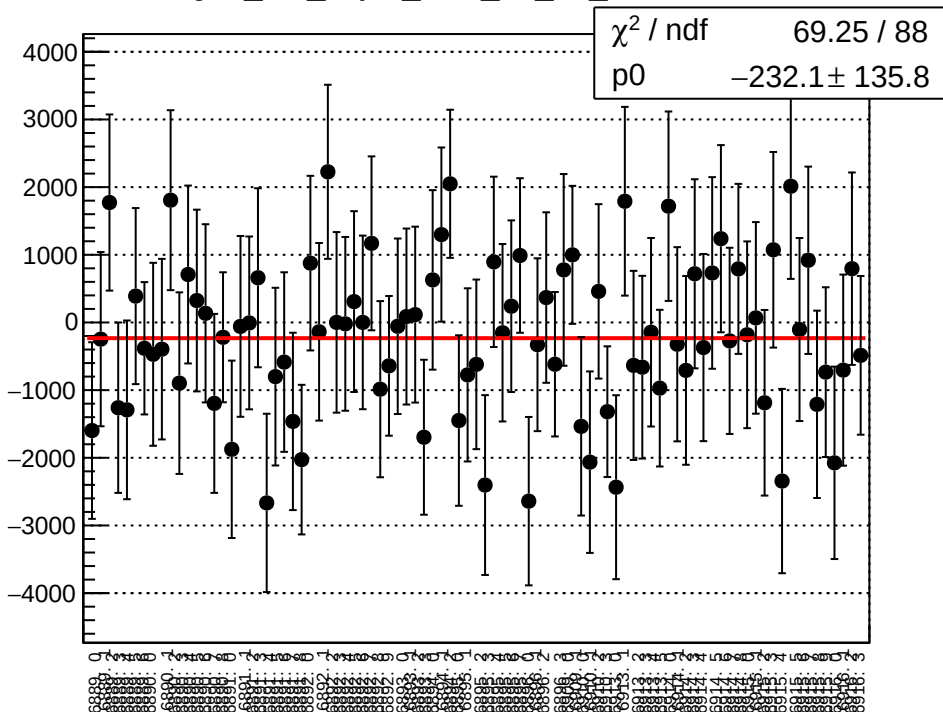
asym_sam_48_dd_cor_correction_mean vs run



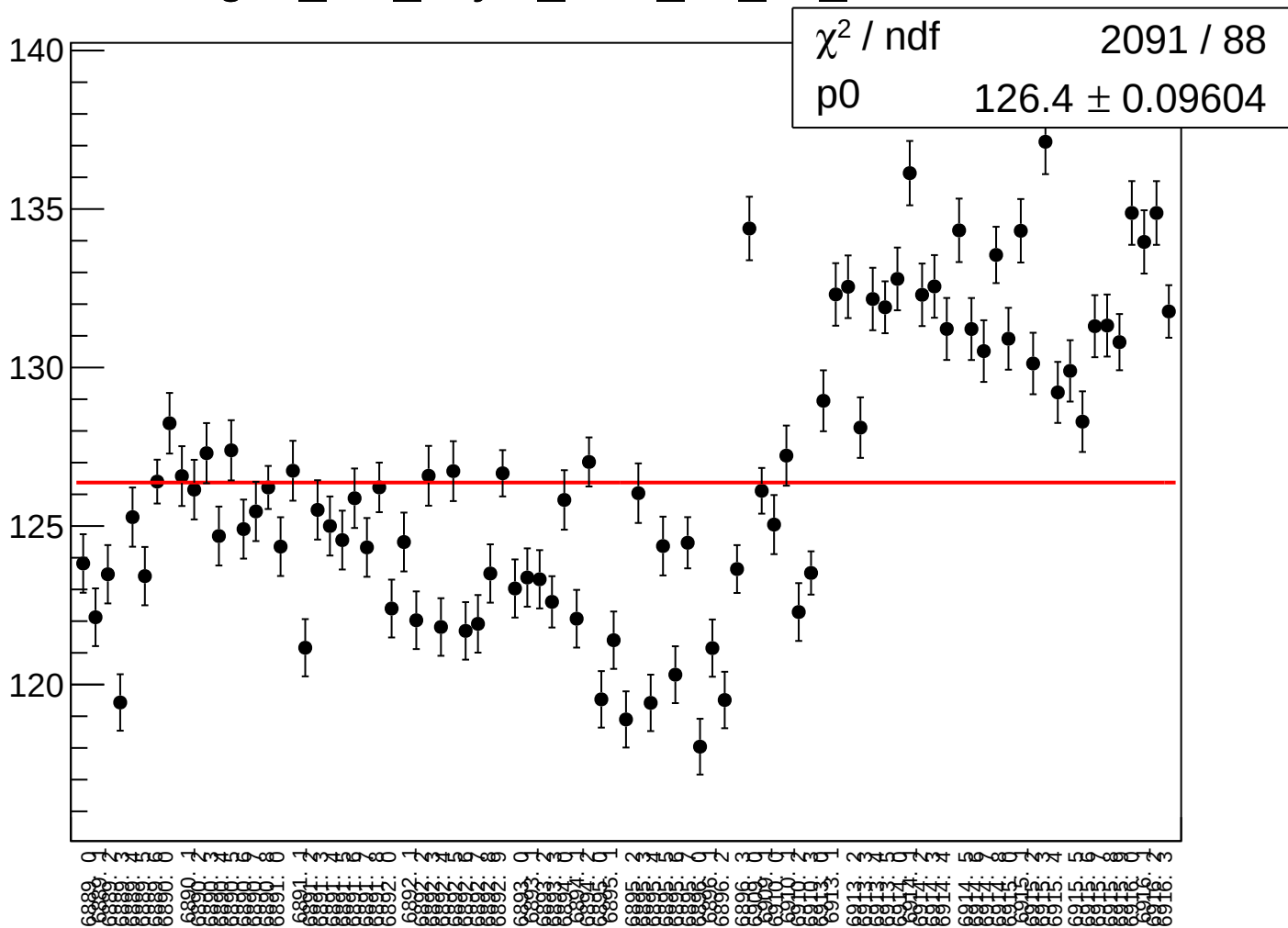
asym_sam_48_dd_cor_correction_rms vs run



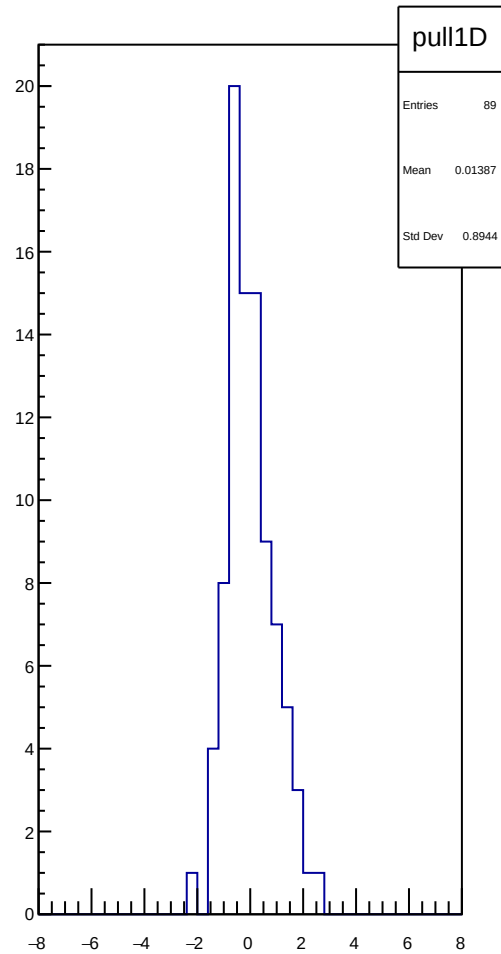
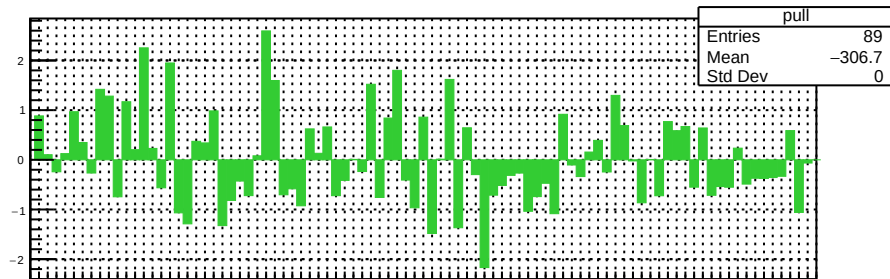
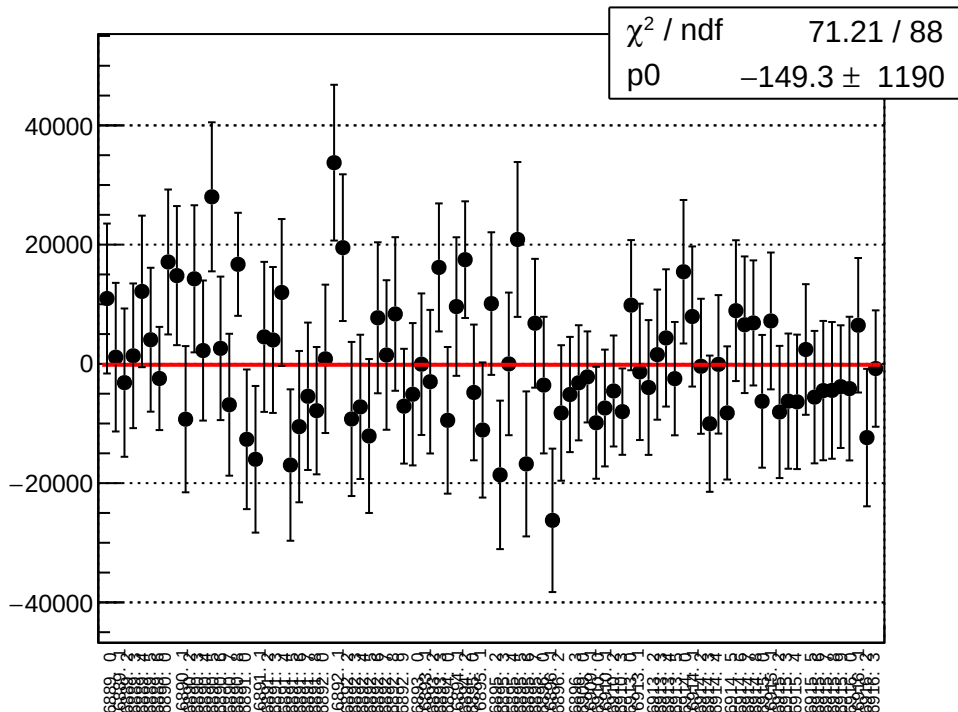
eigen_cor_asym_sam_48_dd_mean vs run



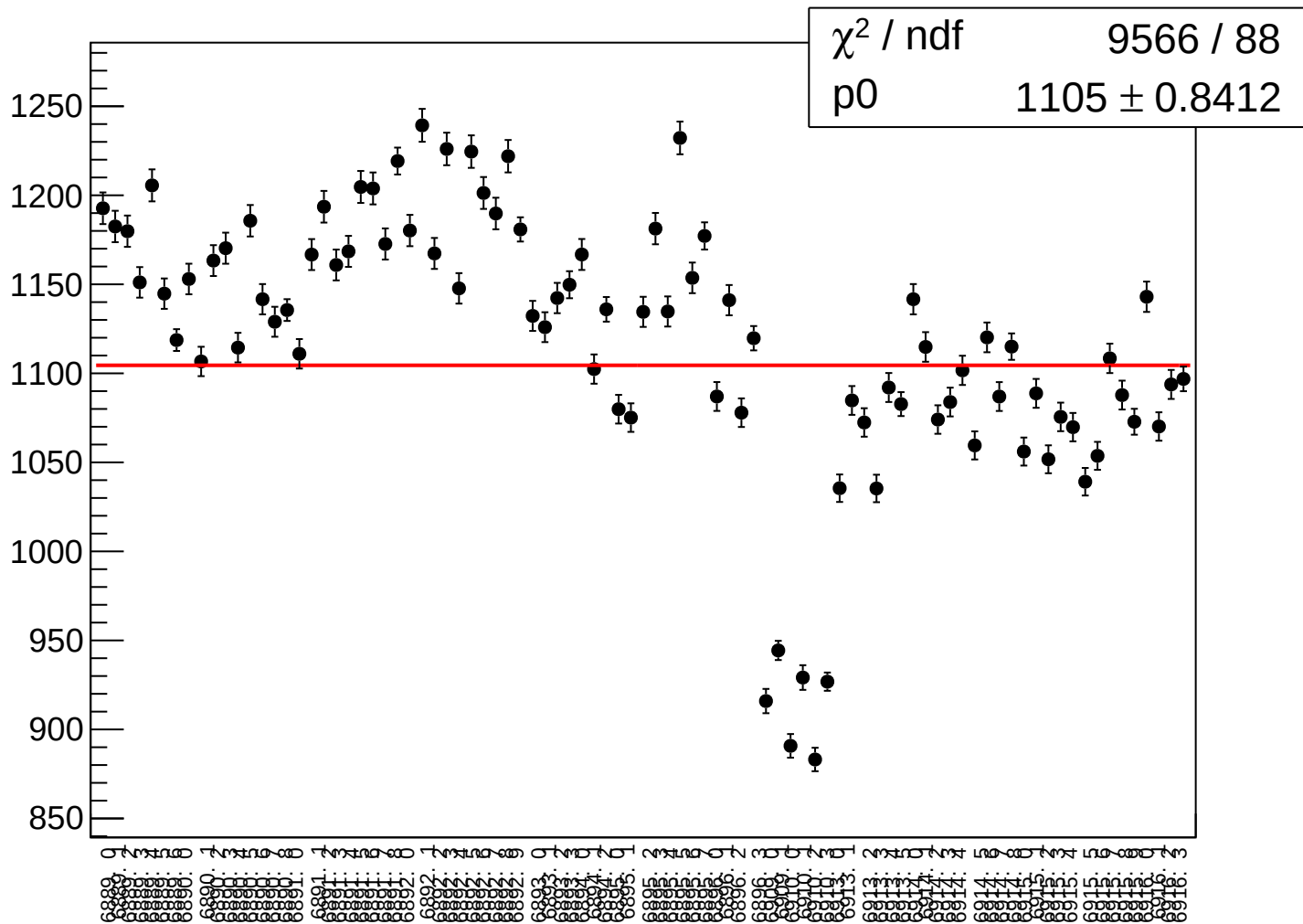
eigen_cor_asym_sam_48_dd_rms vs run



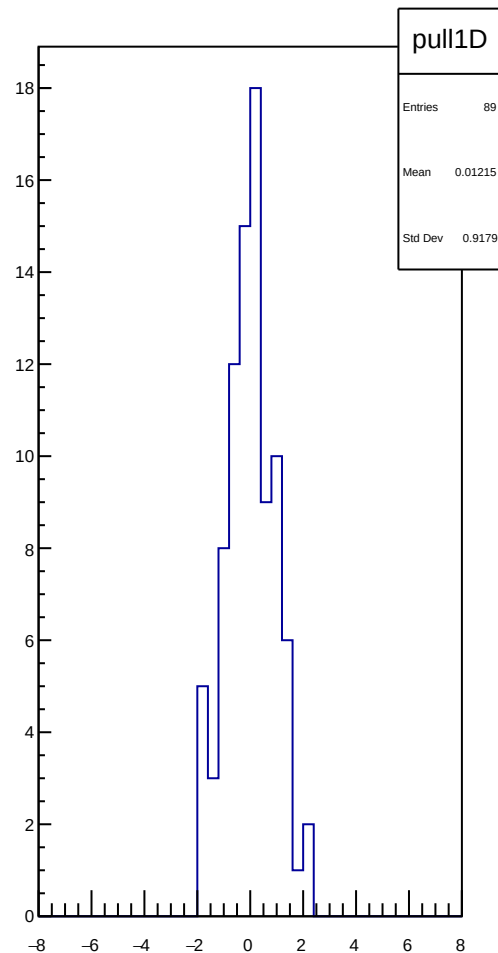
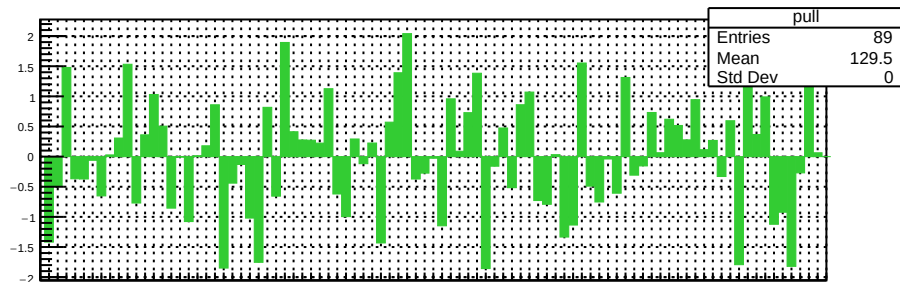
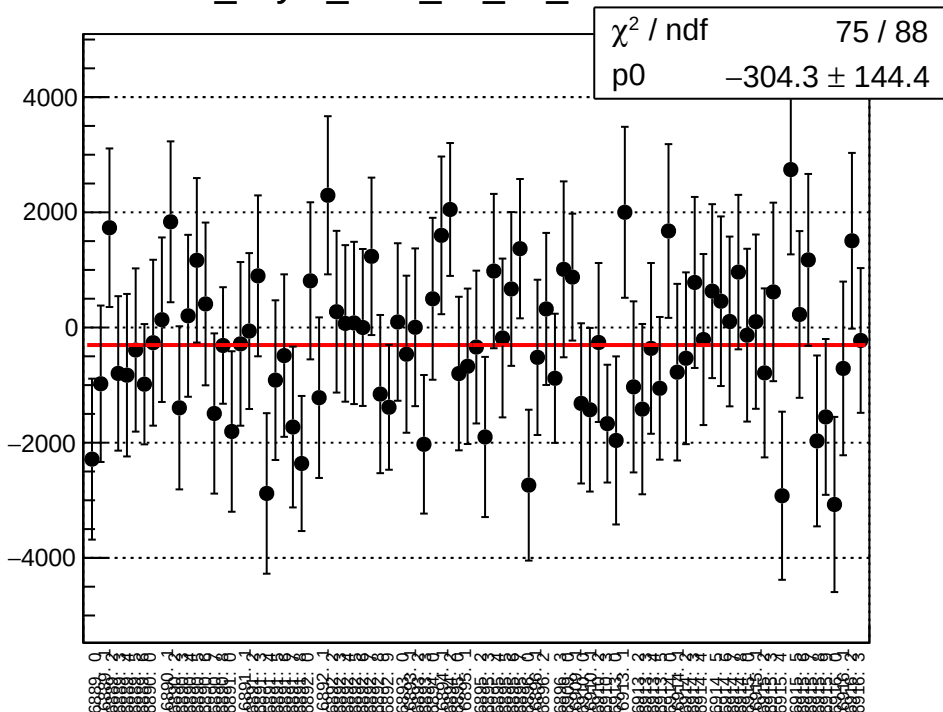
asym_sam_48_dd_eigen_cor_correction_mean vs run



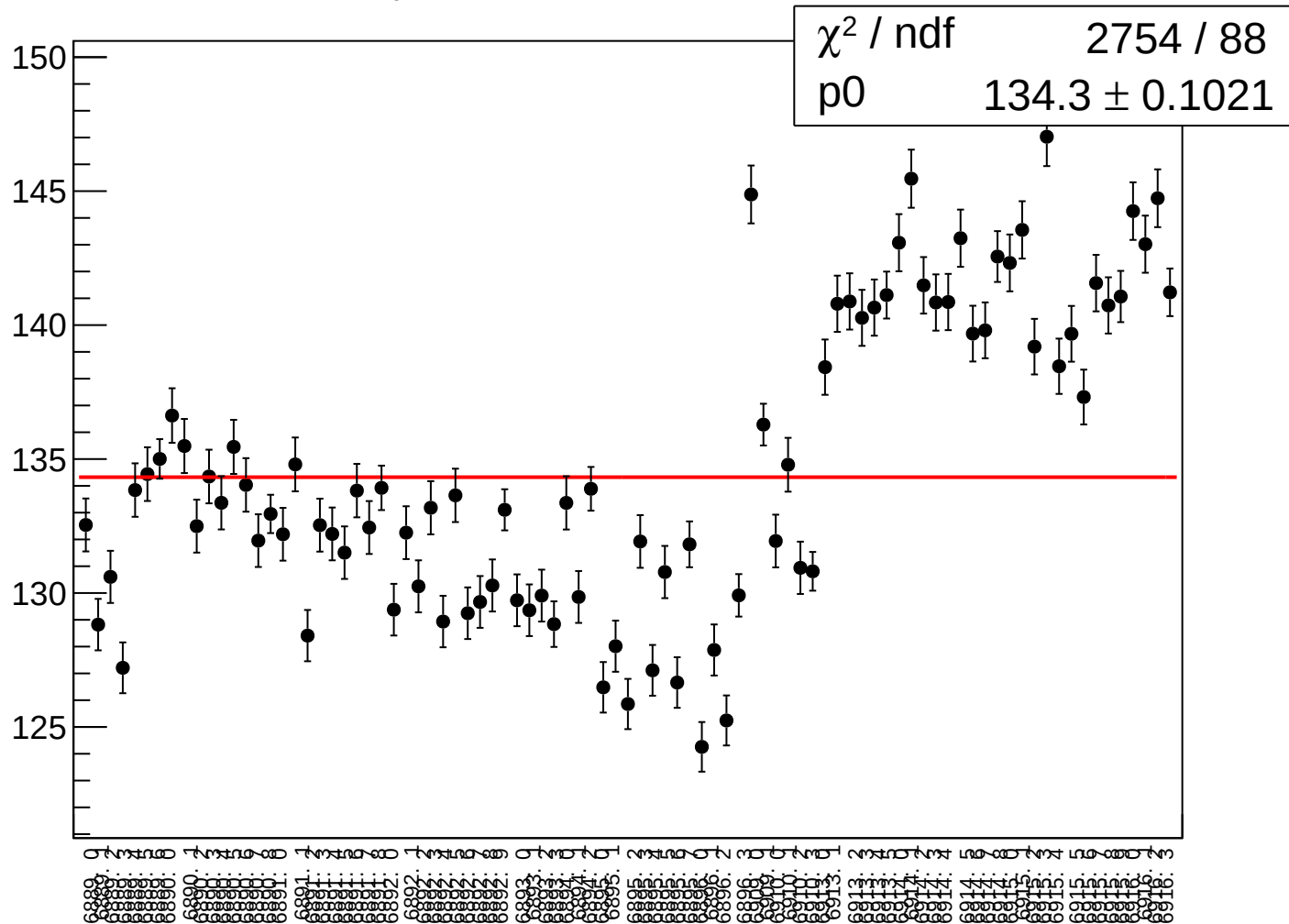
asym_sam_48_dd_eigen_cor_correction_rms vs run



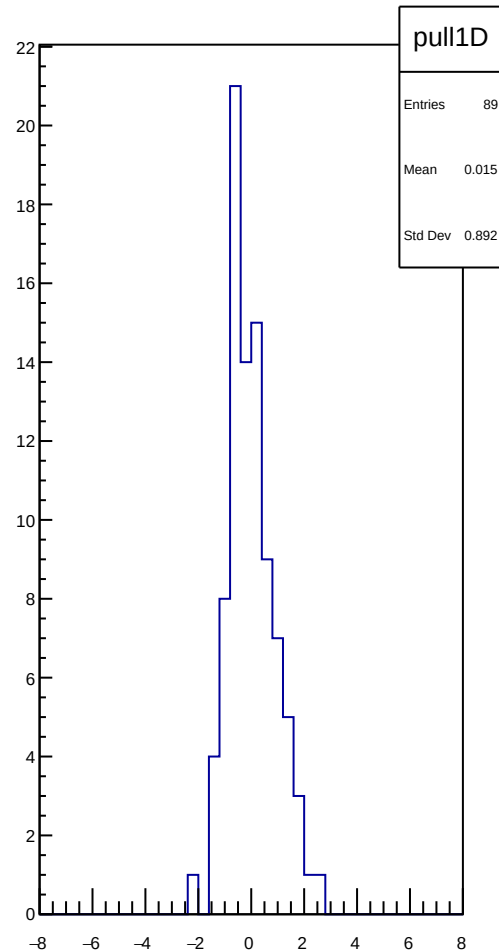
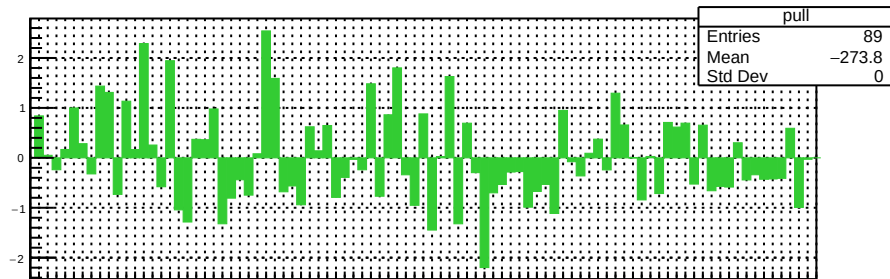
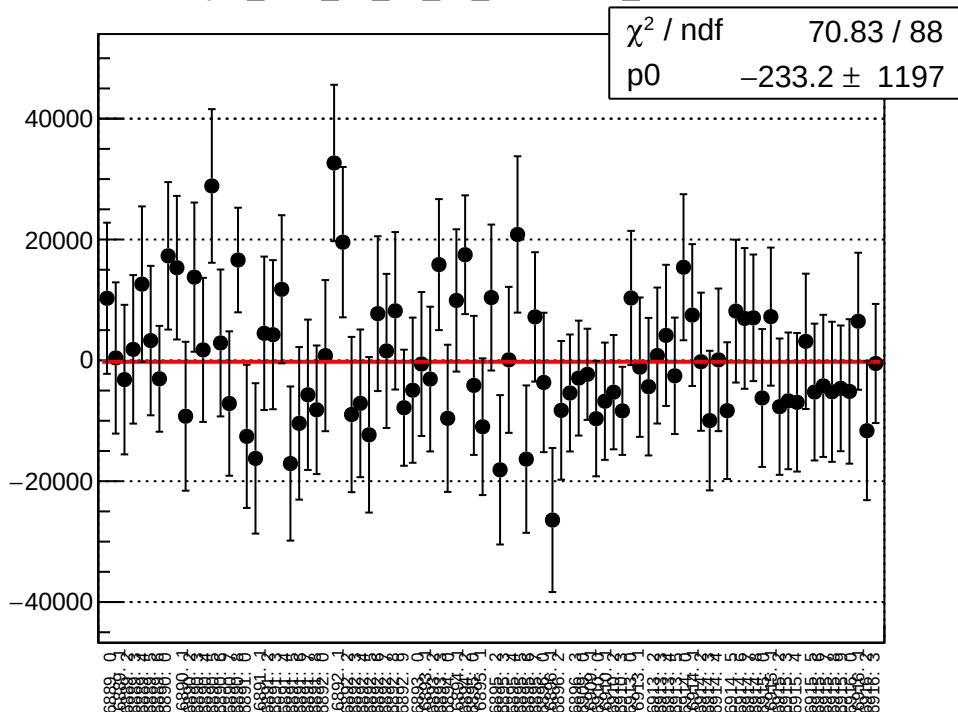
dit_asym_sam_48_dd_mean vs run



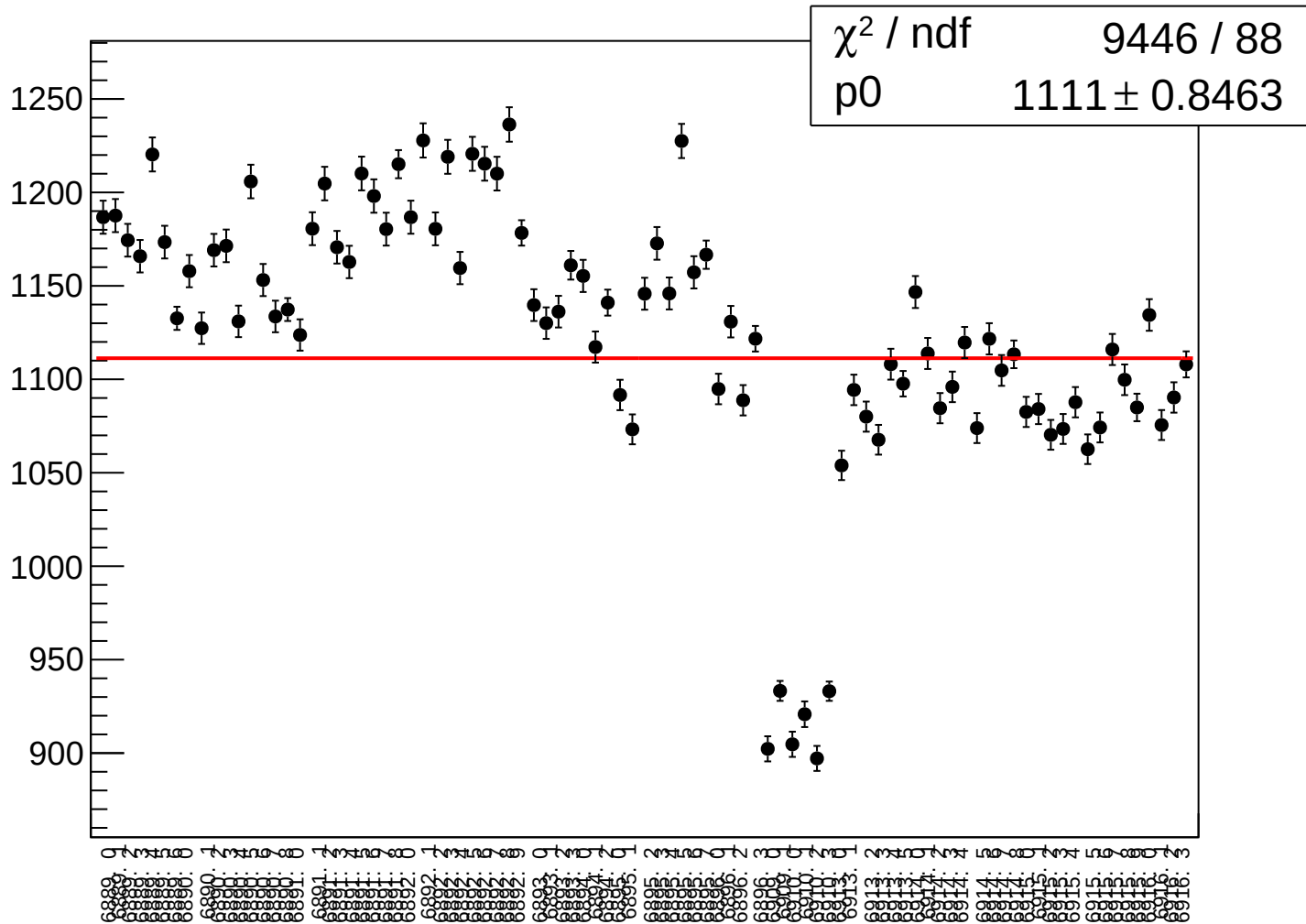
dit_asym_sam_48_dd_rms vs run



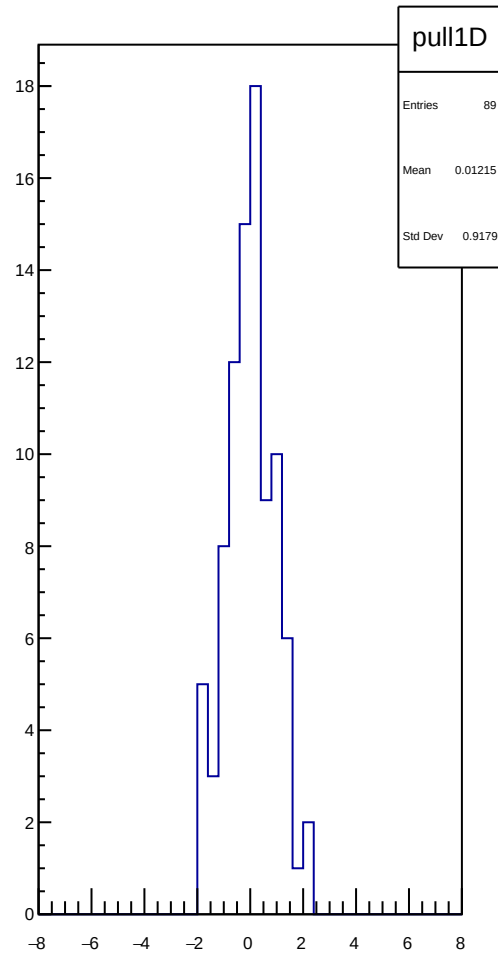
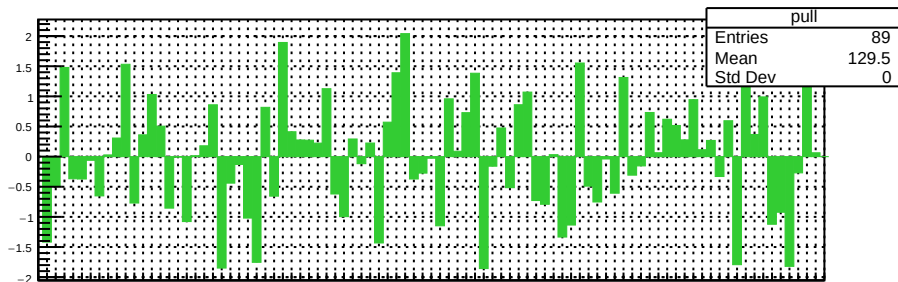
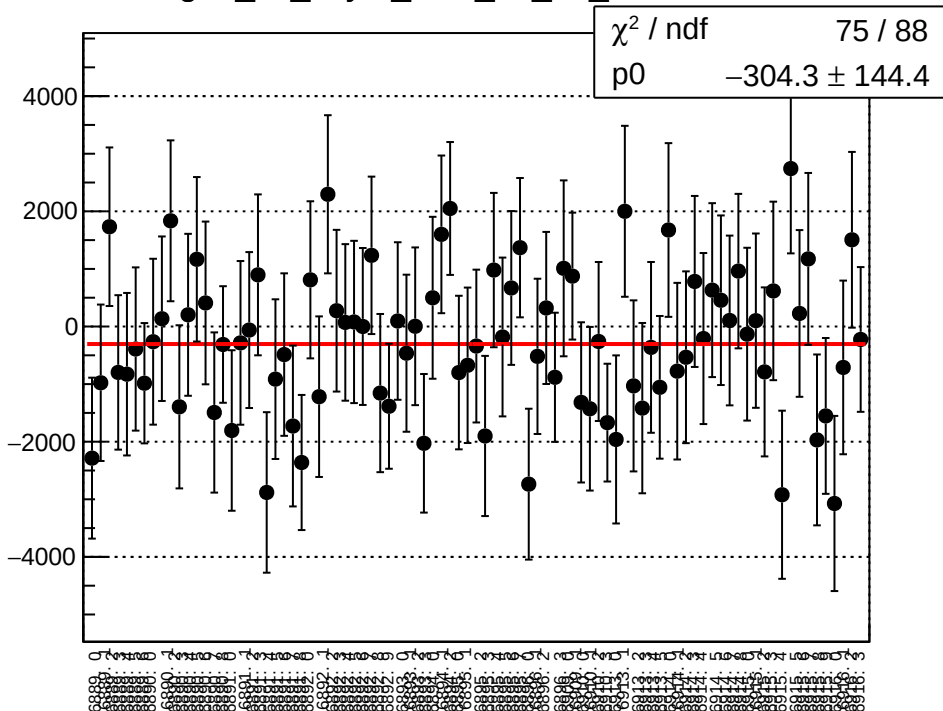
asym_sam_48_dd_dit_correction_mean vs run



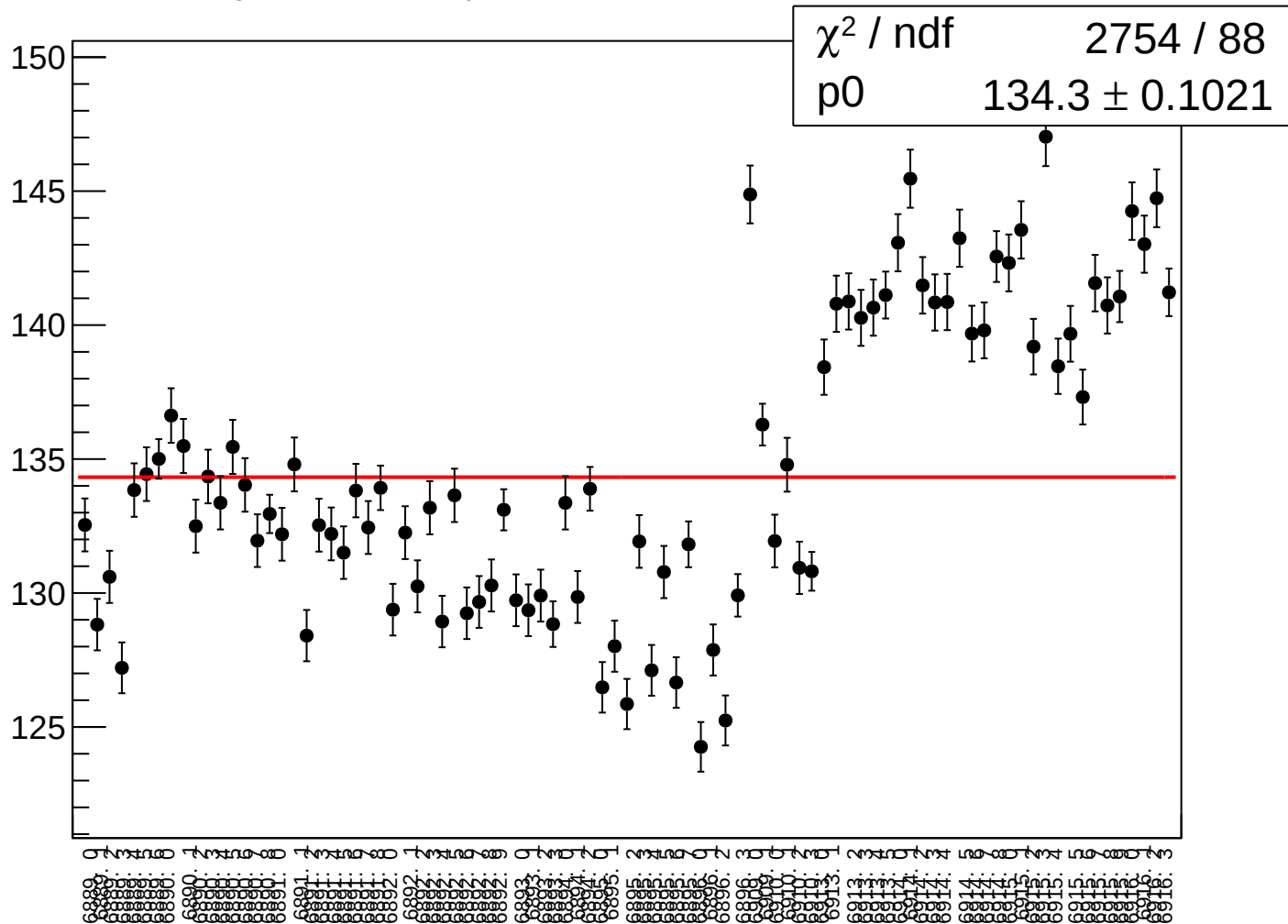
asym_sam_48_dd_dit_correction_rms vs run



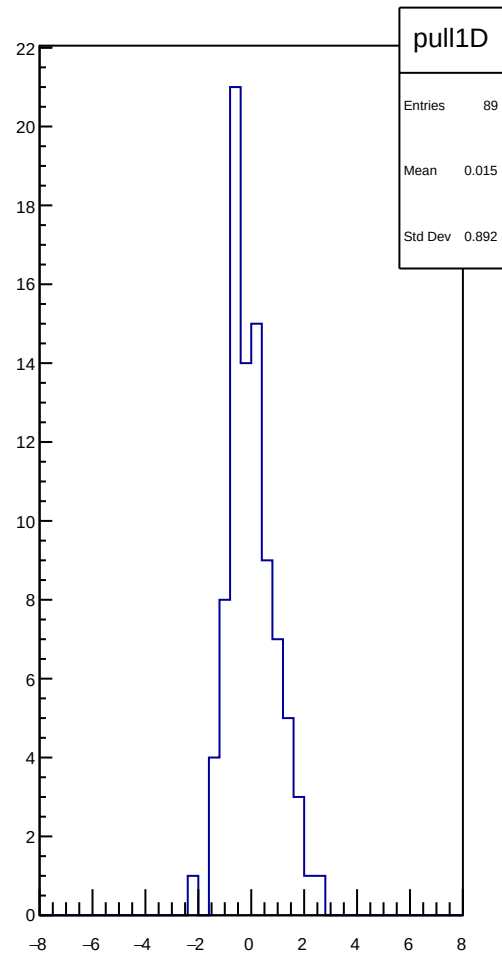
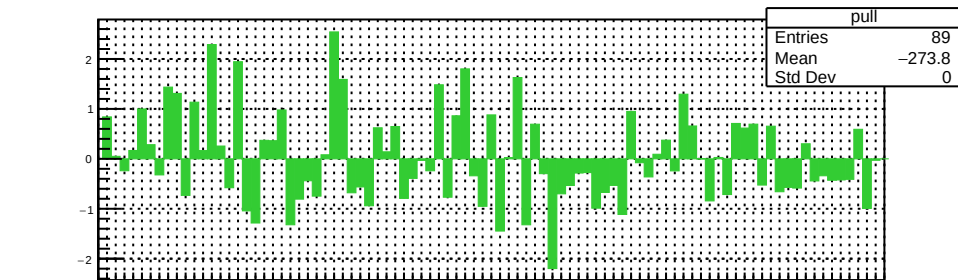
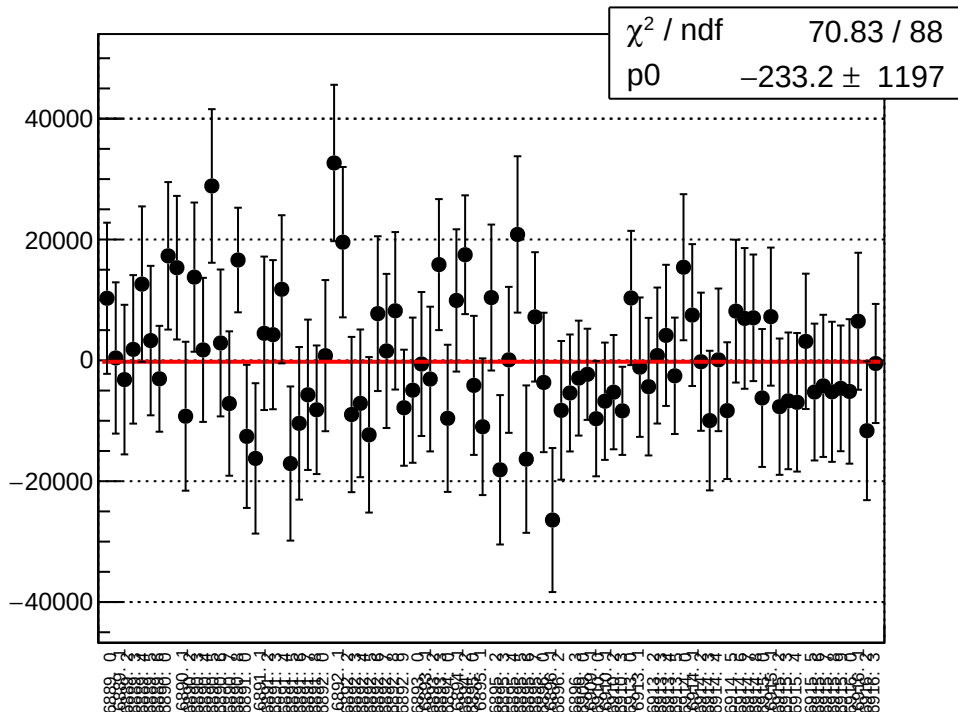
eigen_dit_asym_sam_48_dd_mean vs run



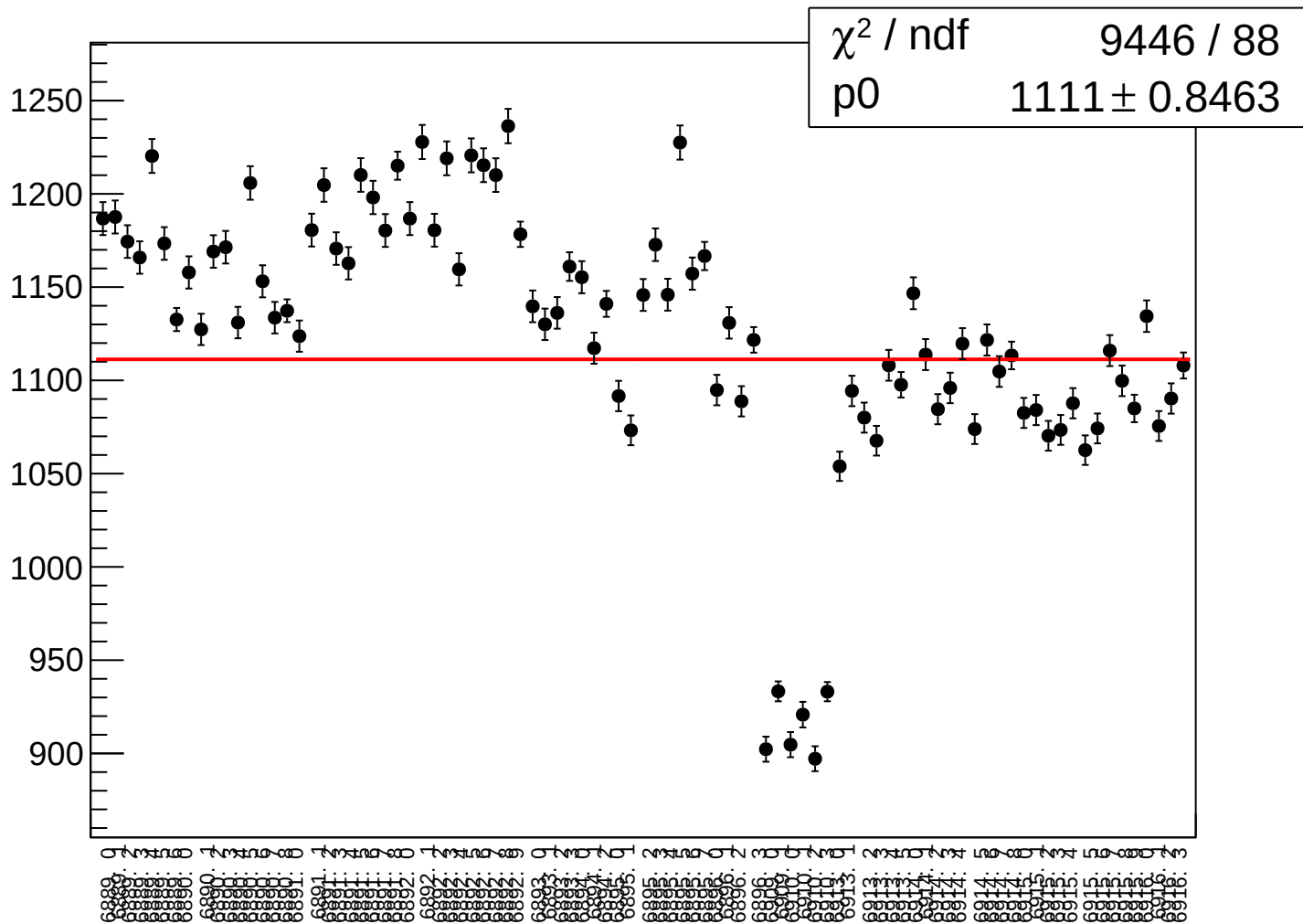
eigen_dit_asym_sam_48_dd_rms vs run



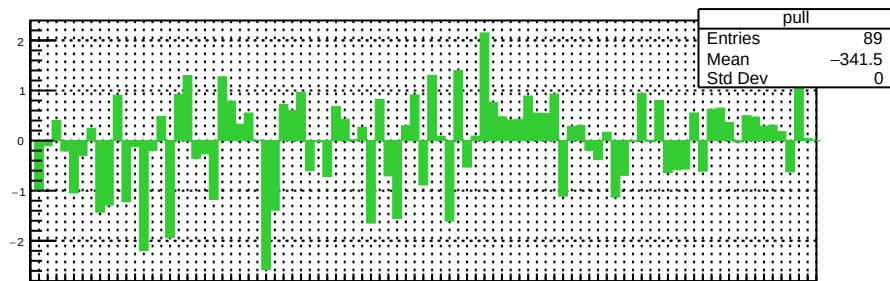
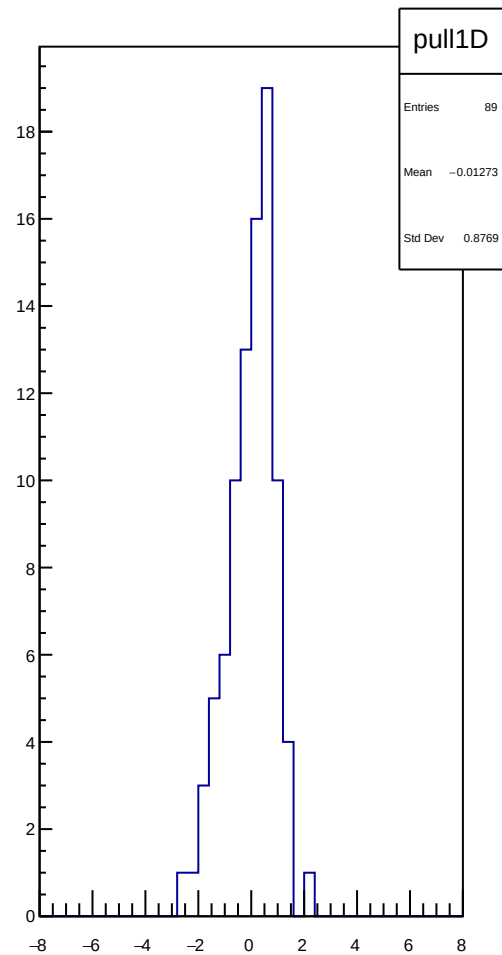
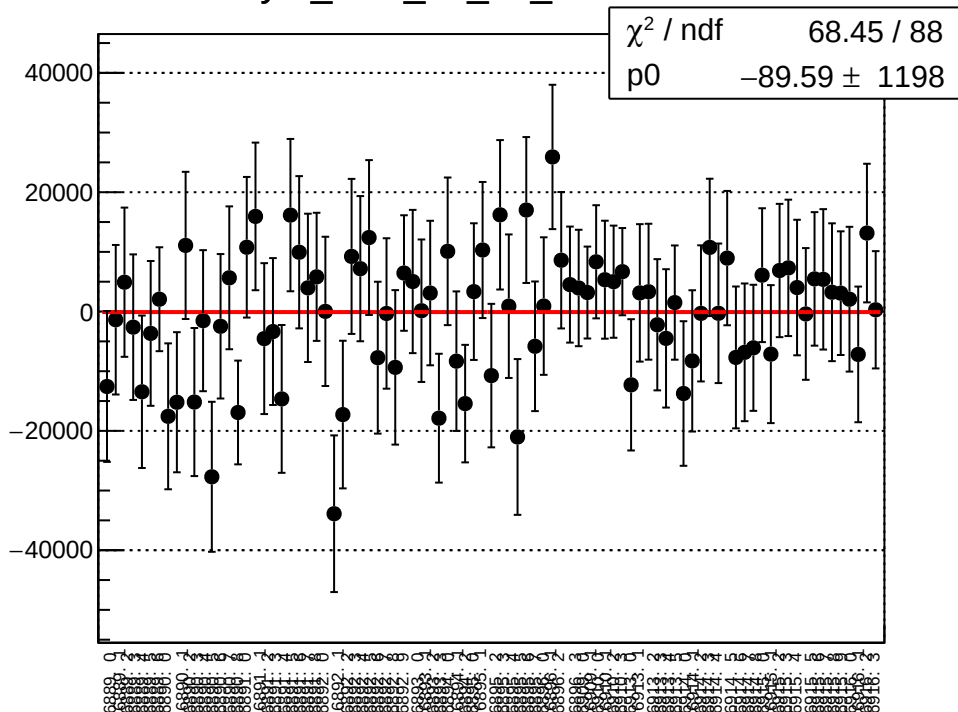
asym_sam_48_dd_eigen_dit_correction_mean vs run



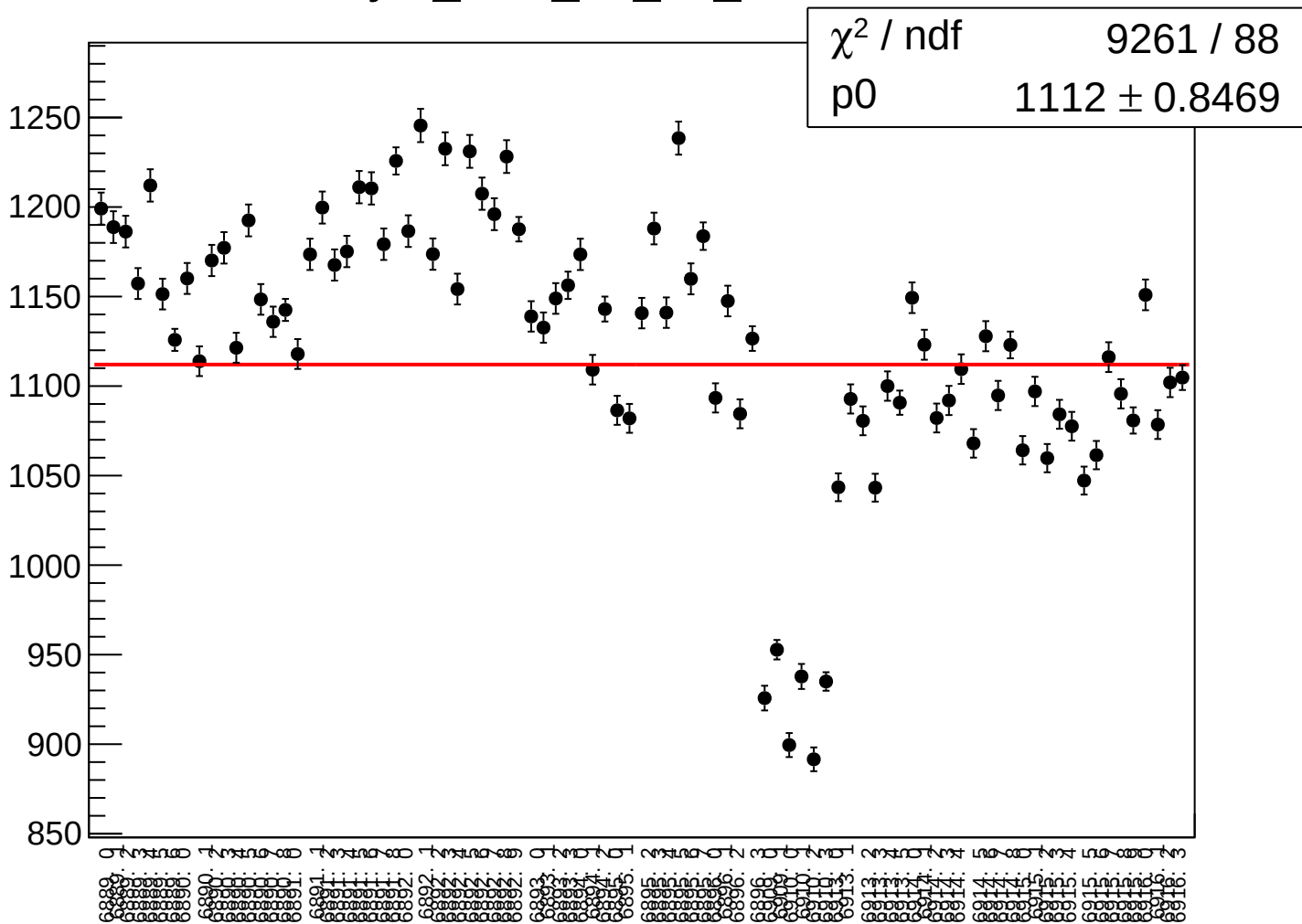
asym_sam_48_dd_eigen_dit_correction_rms vs run



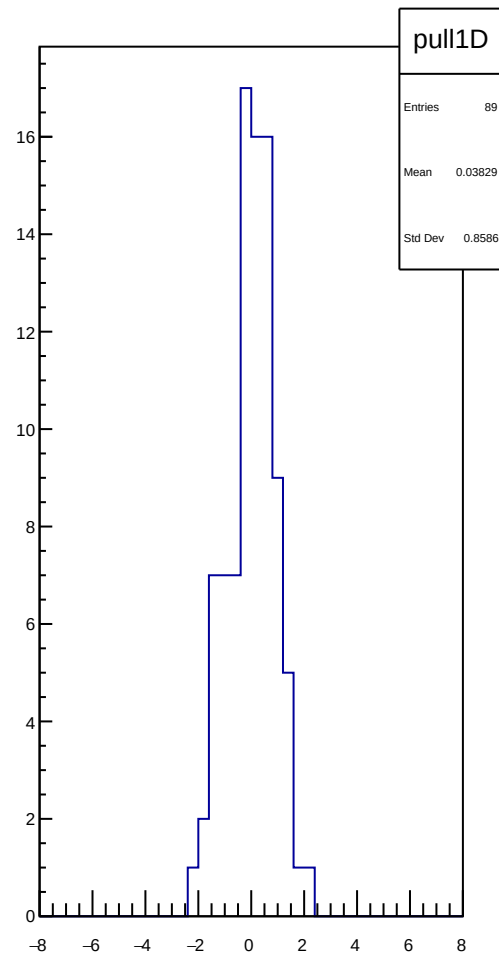
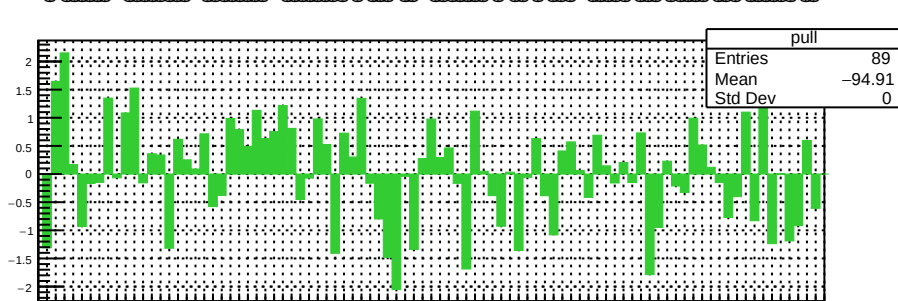
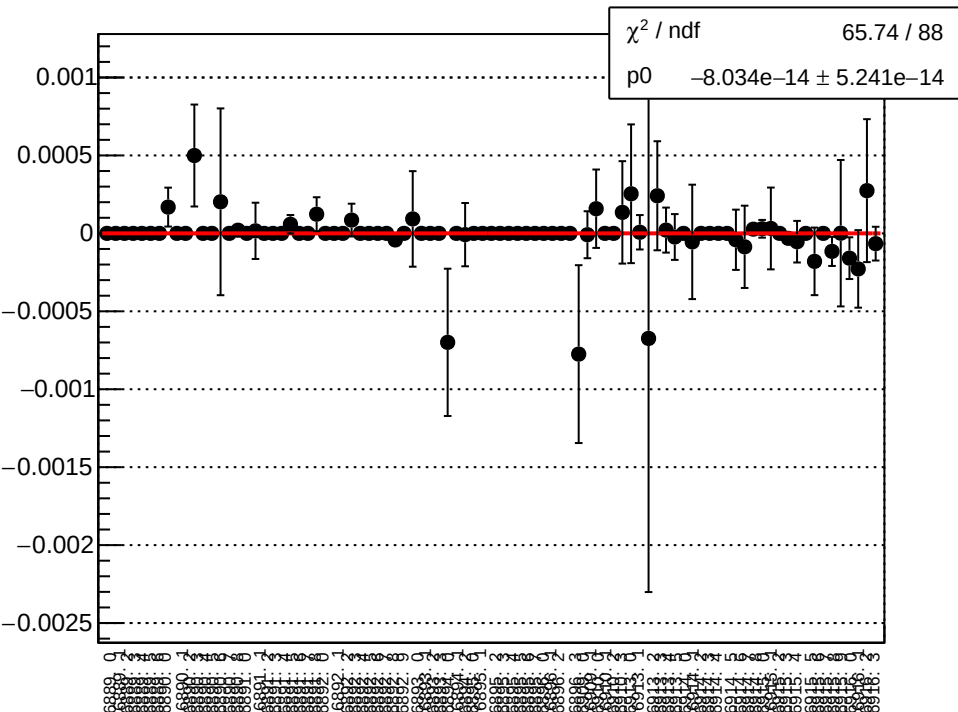
asym_sam_48_dd_mean vs run



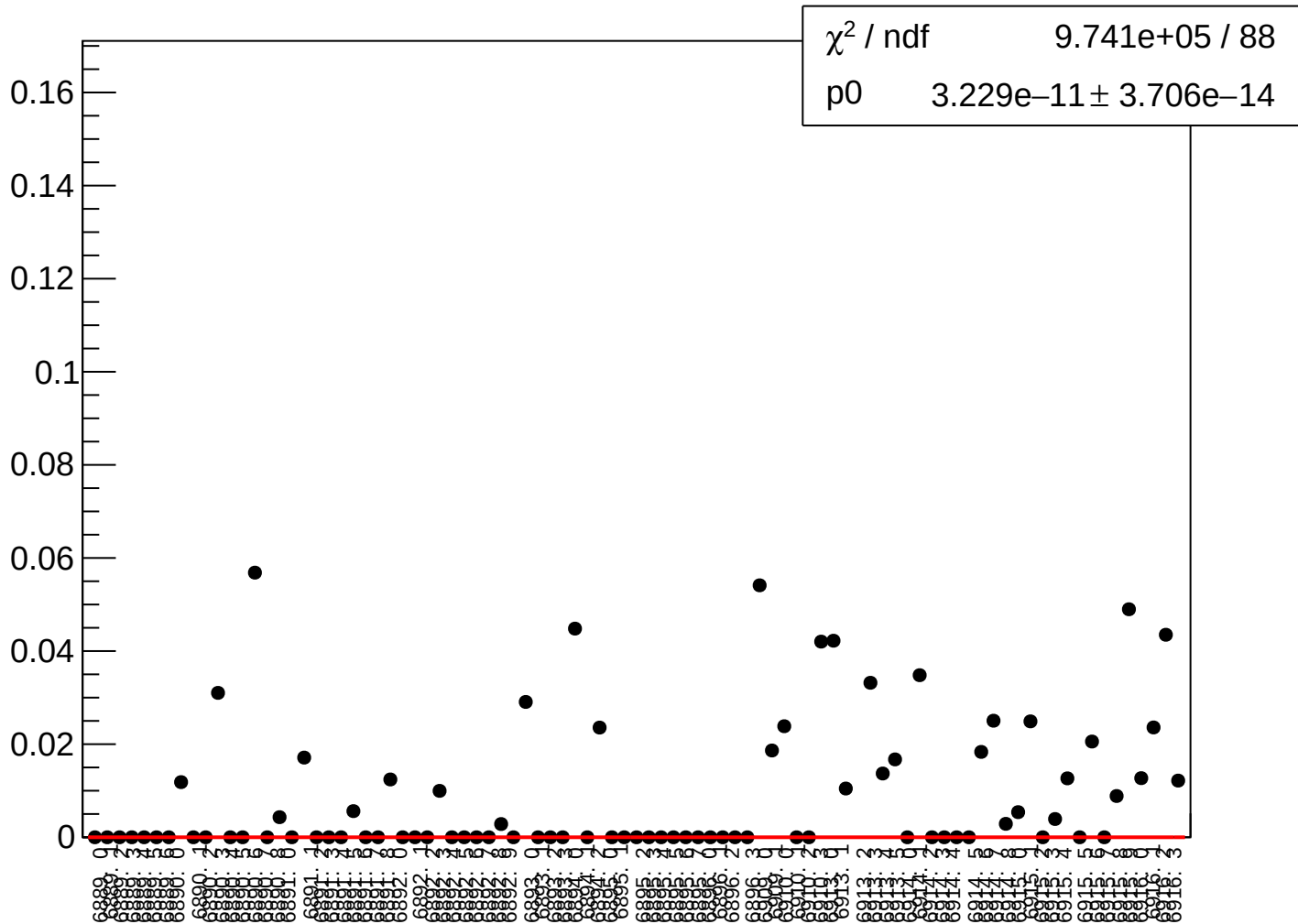
asym_sam_48_dd_rms vs run



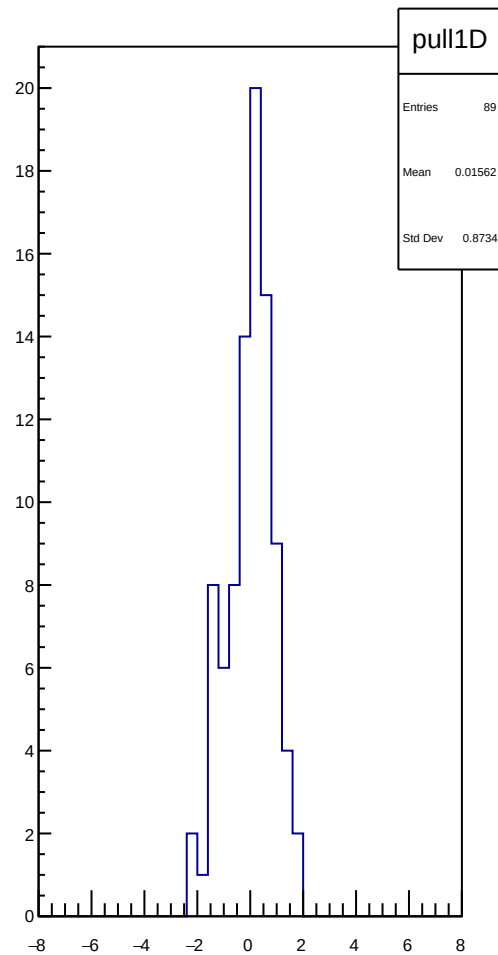
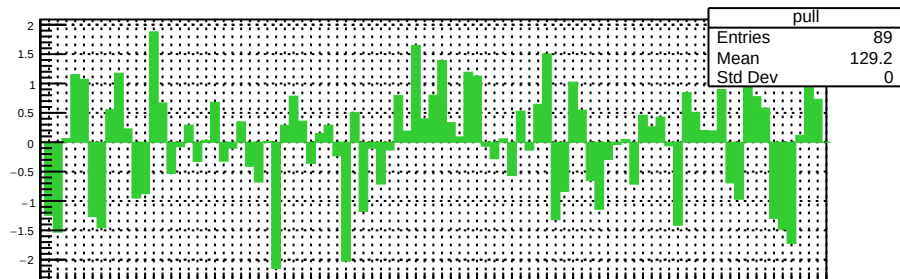
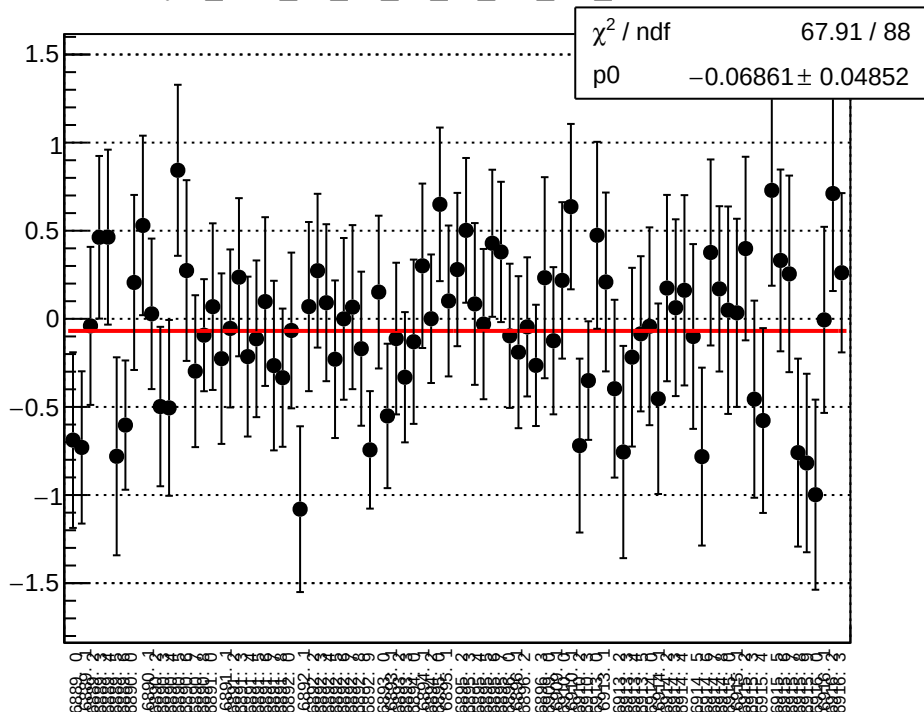
asym_sam_48_dd_reg_vs_cor_diff_mean vs run



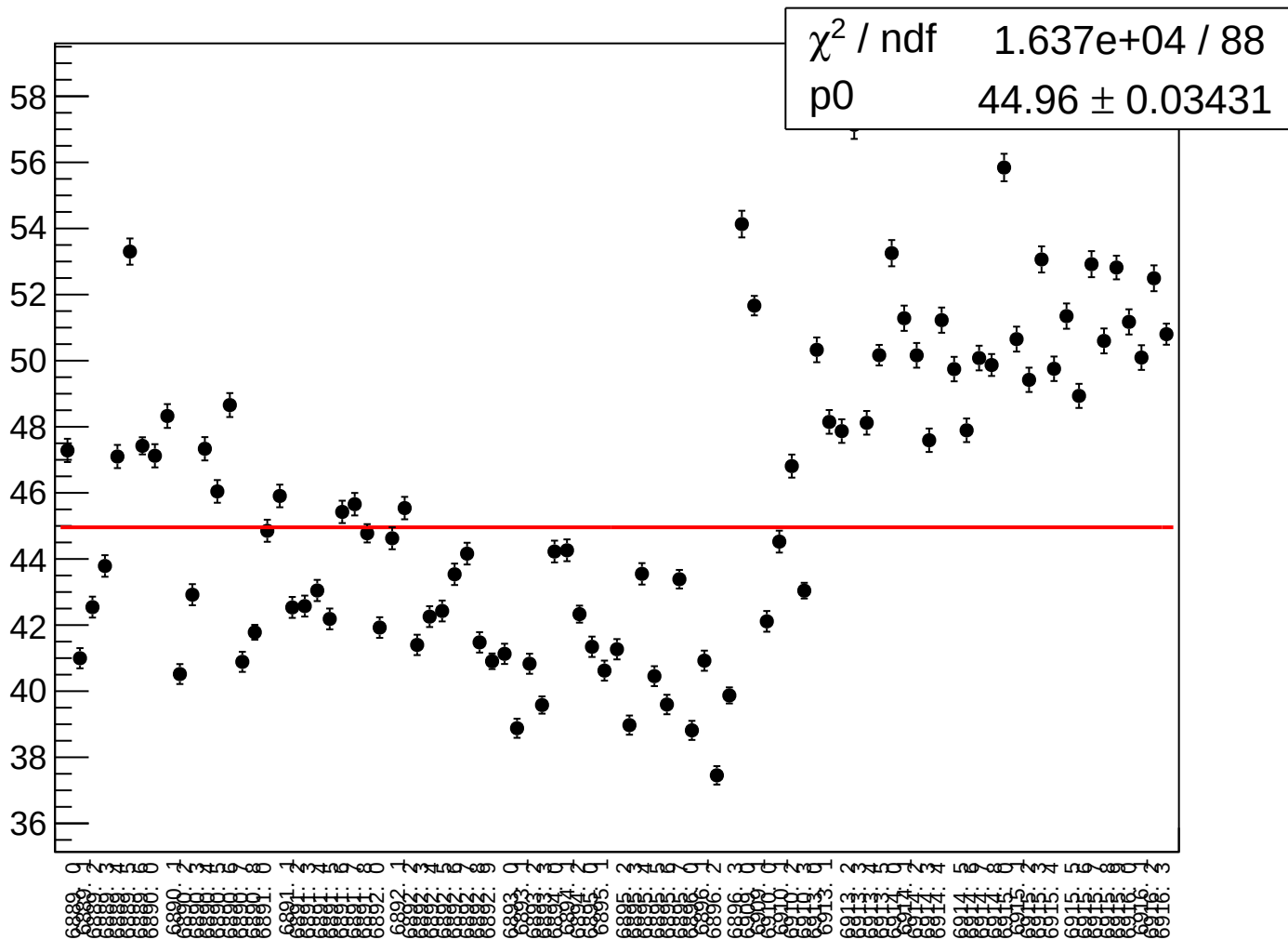
asym_sam_48_dd_reg_vs_cor_diff_rms vs run



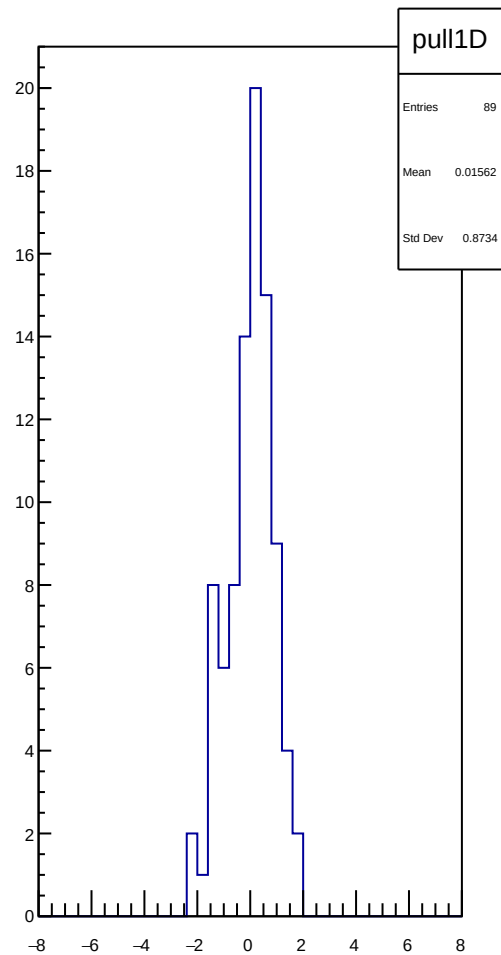
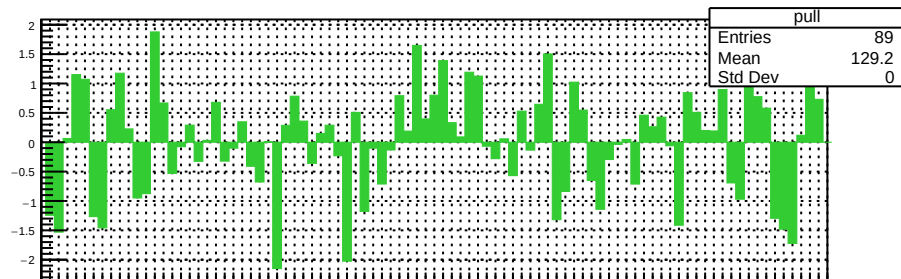
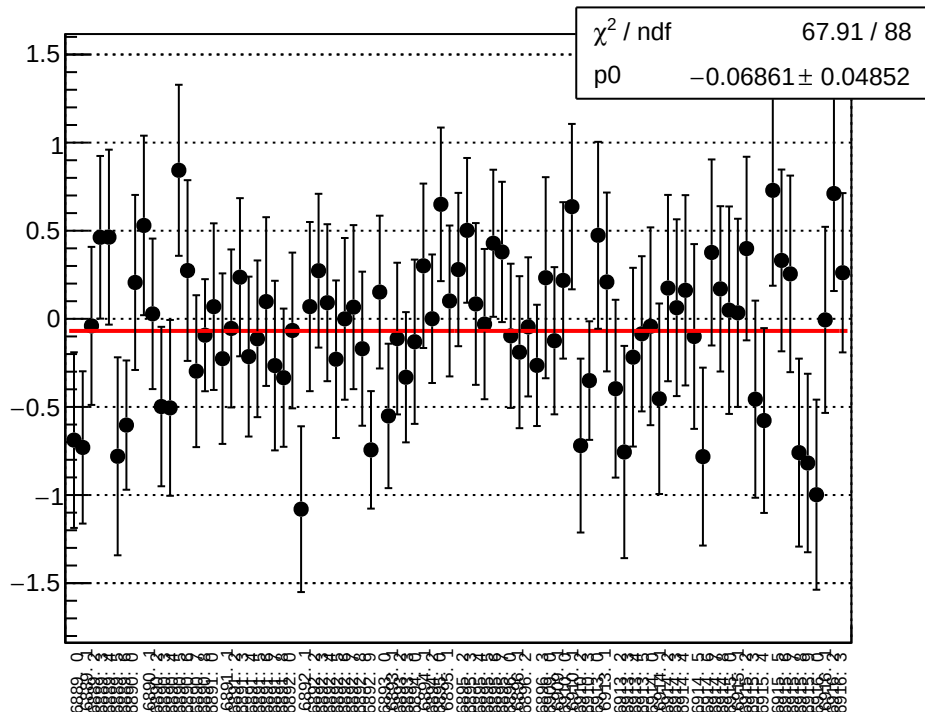
asym_sam_48_dd_dit_vs_cor_diff_mean vs run



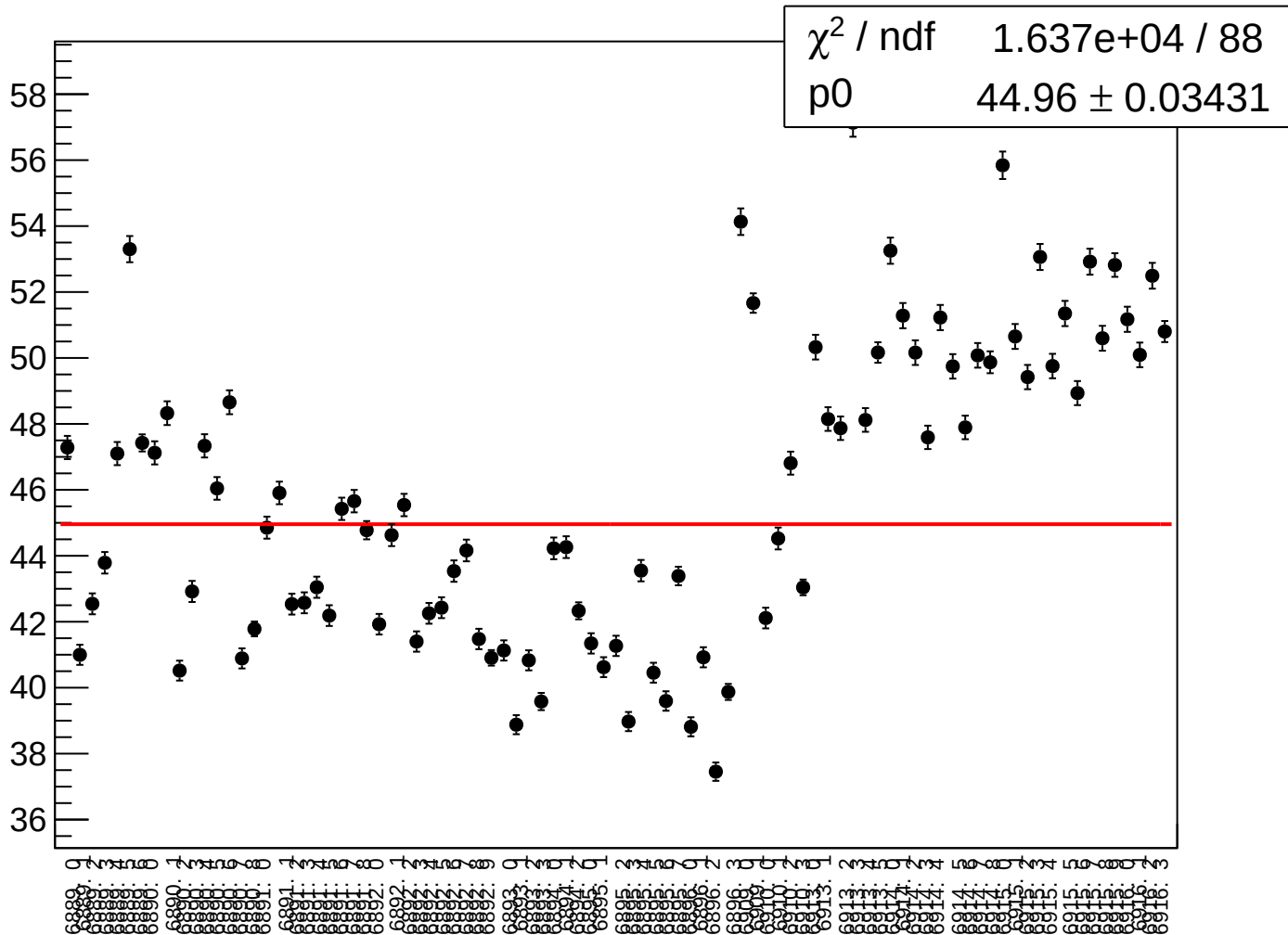
asym_sam_48_dd_dit_vs_cor_diff_rms vs run



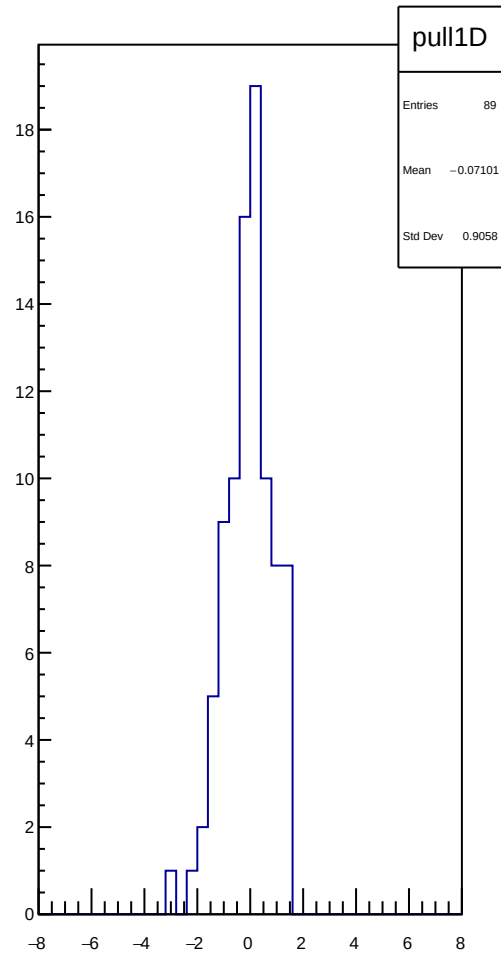
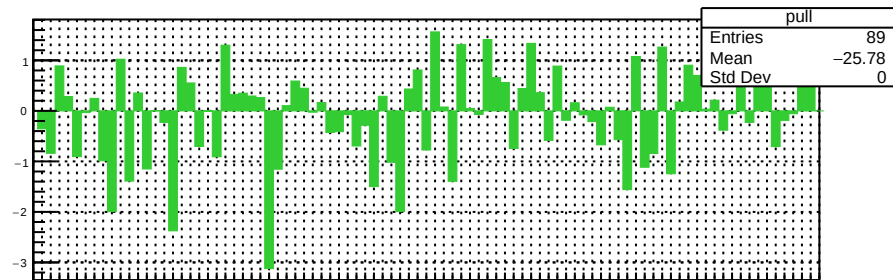
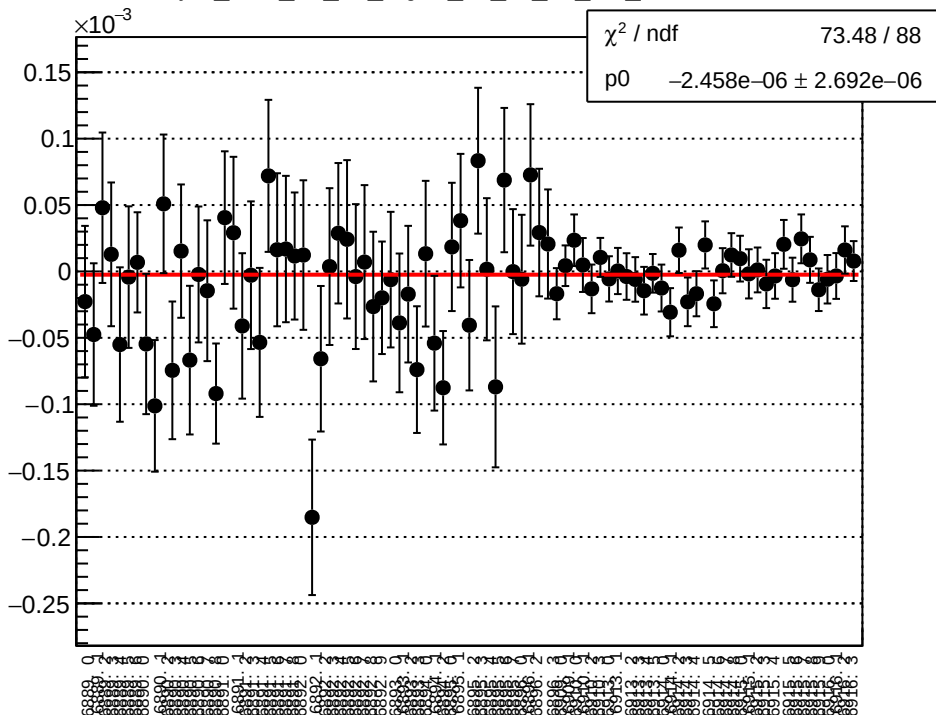
asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs run



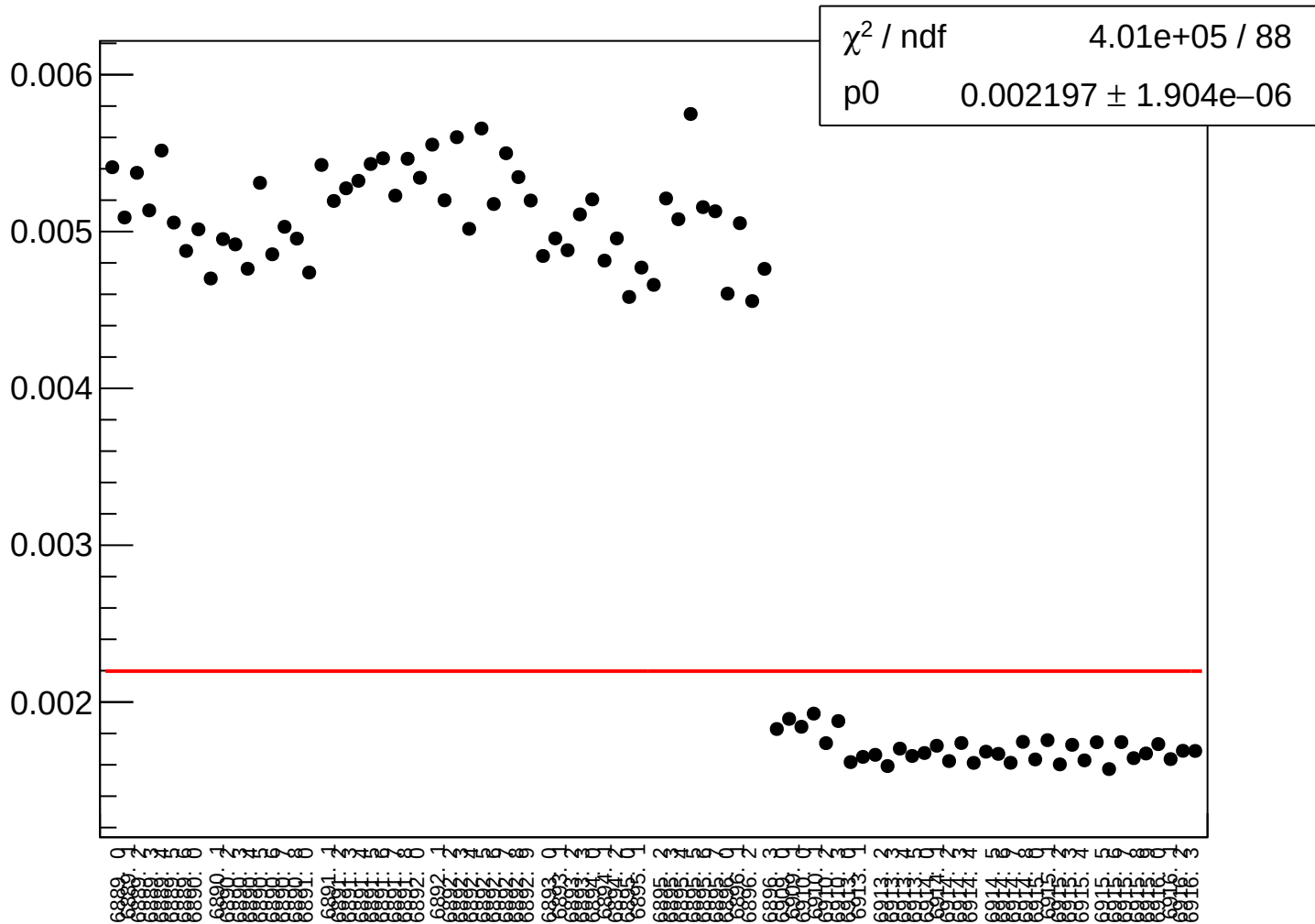
asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs run



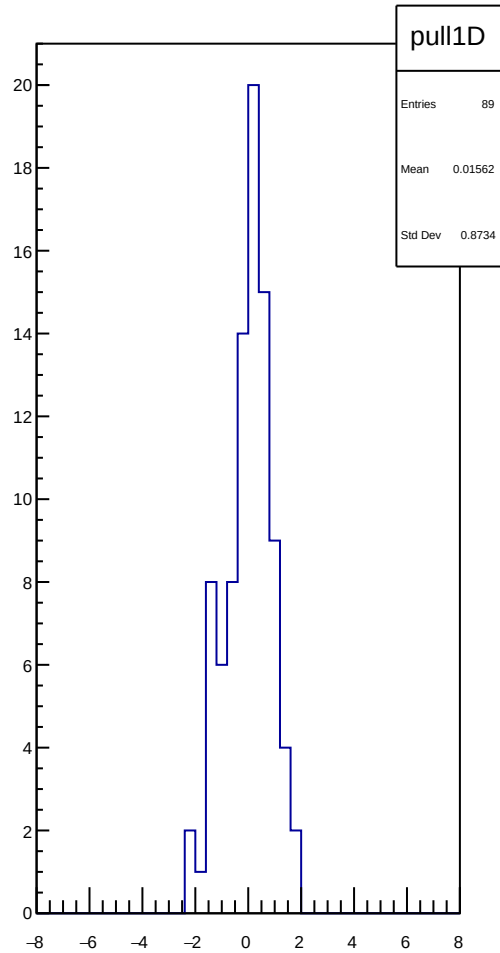
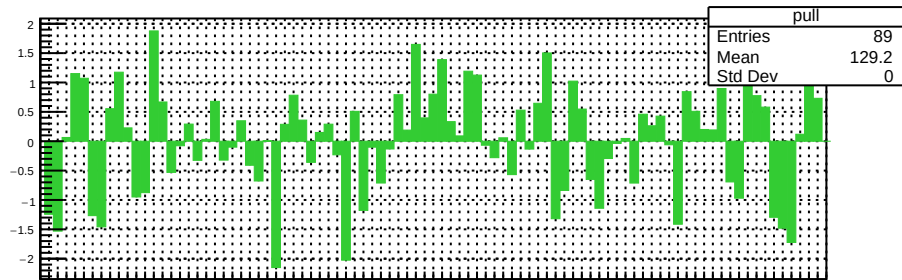
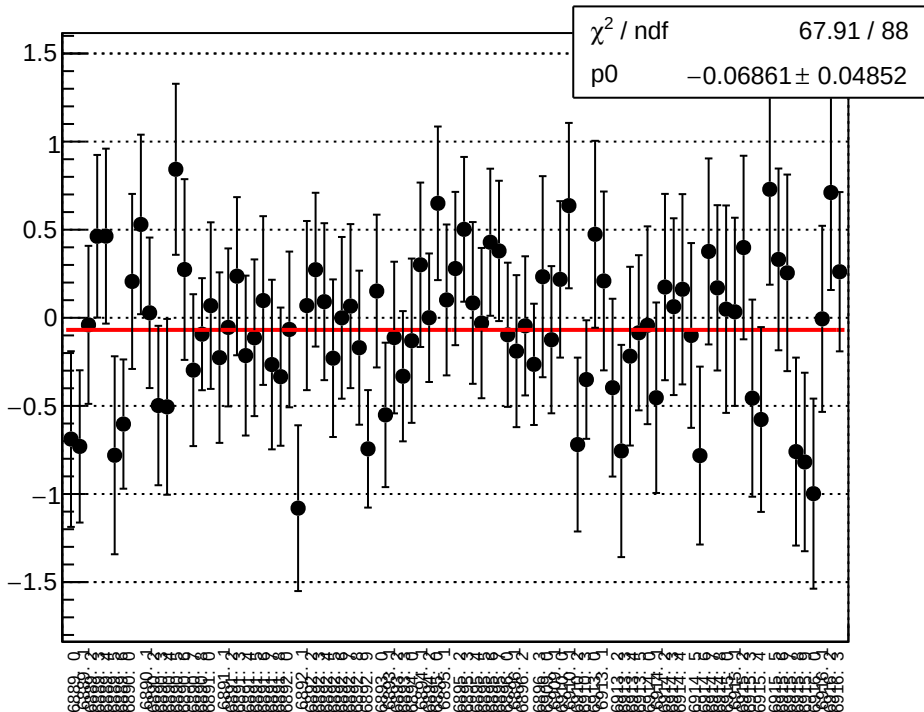
asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs run



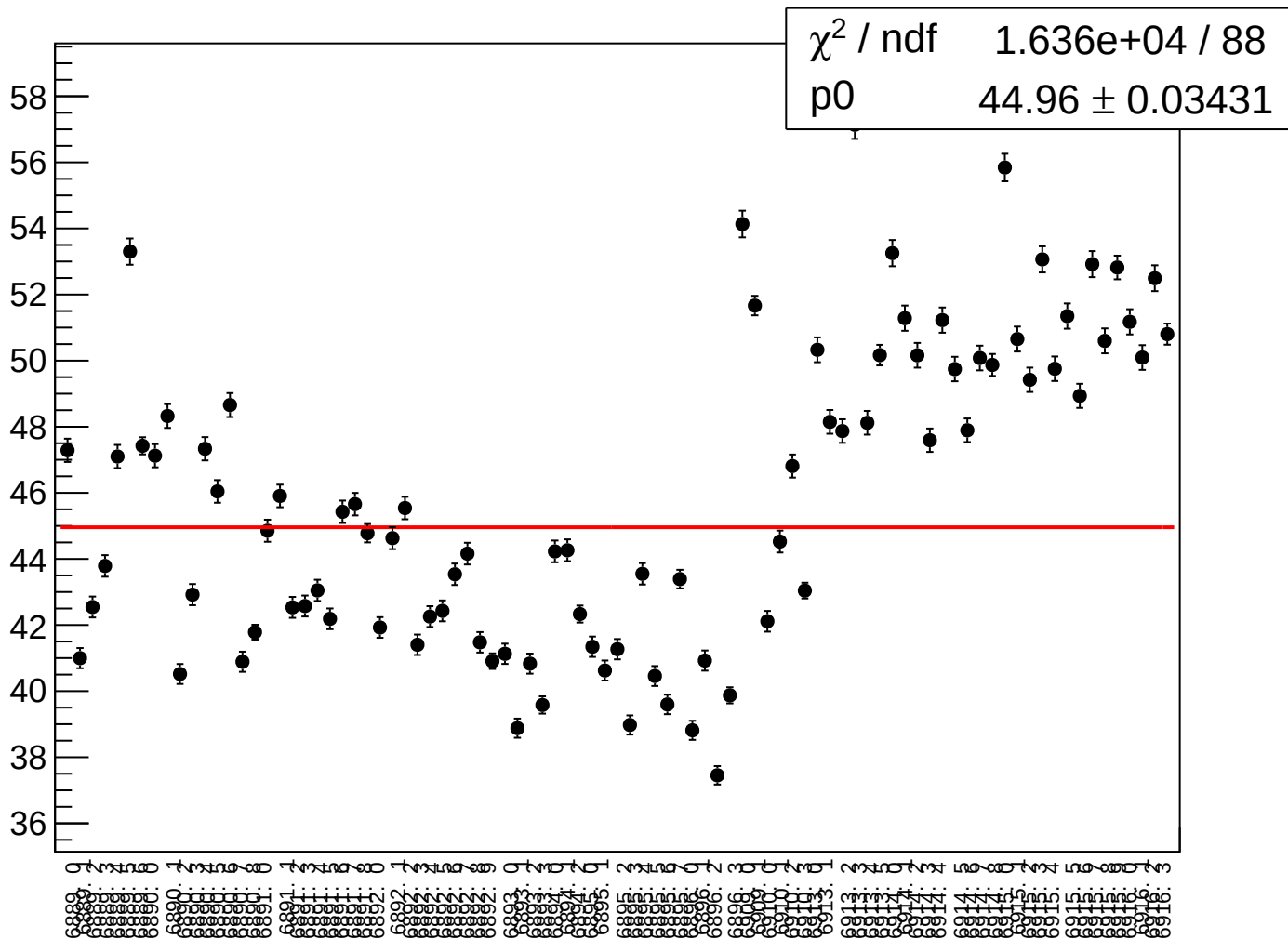
asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs run



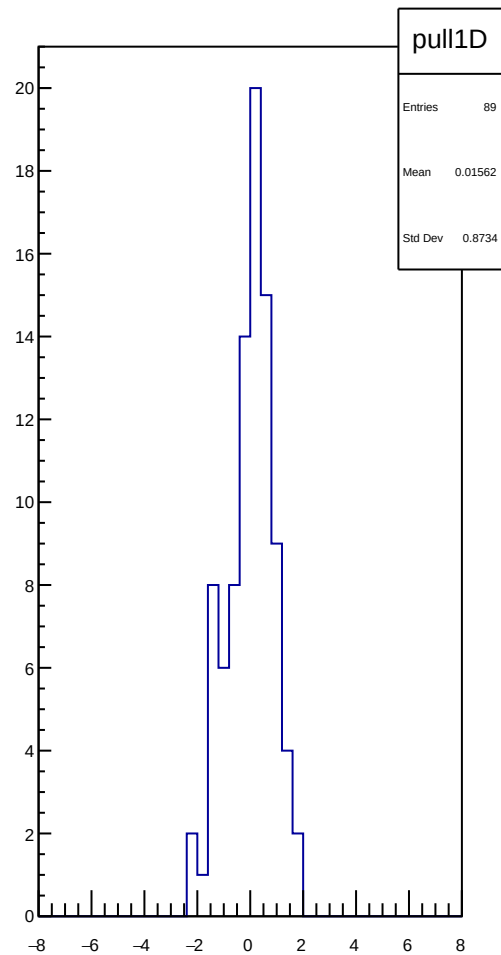
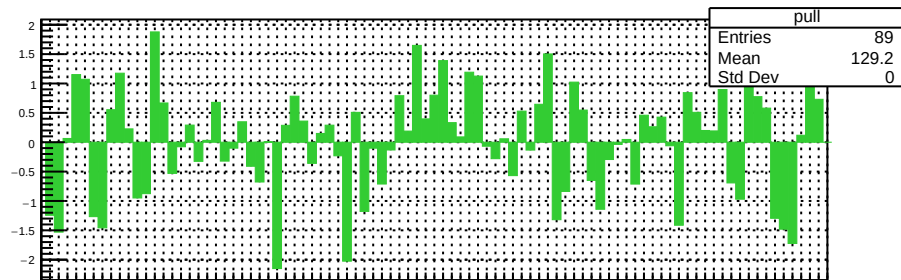
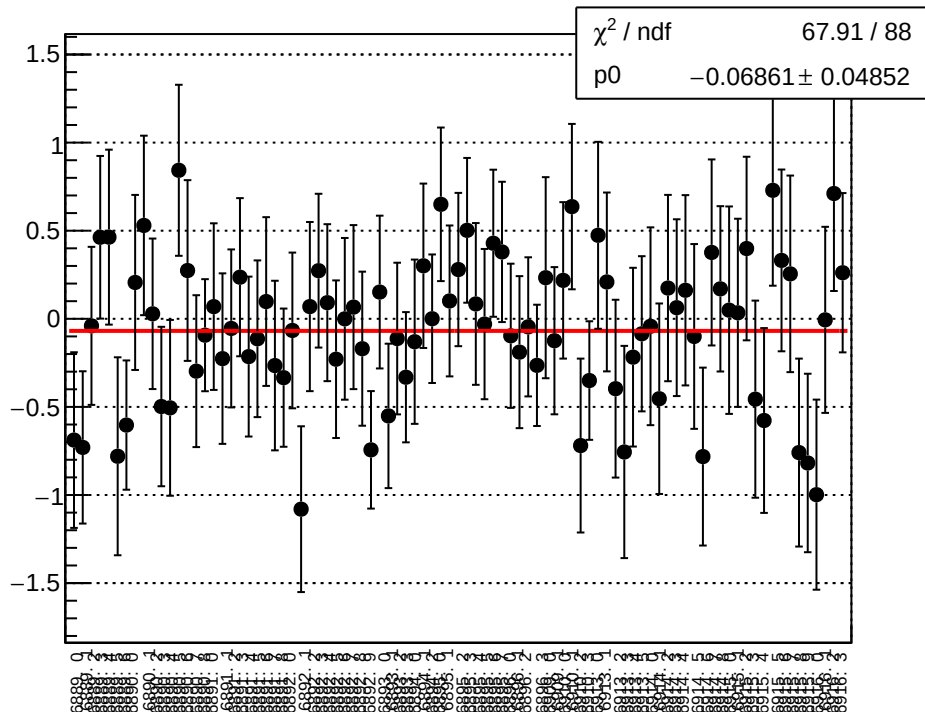
asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs run



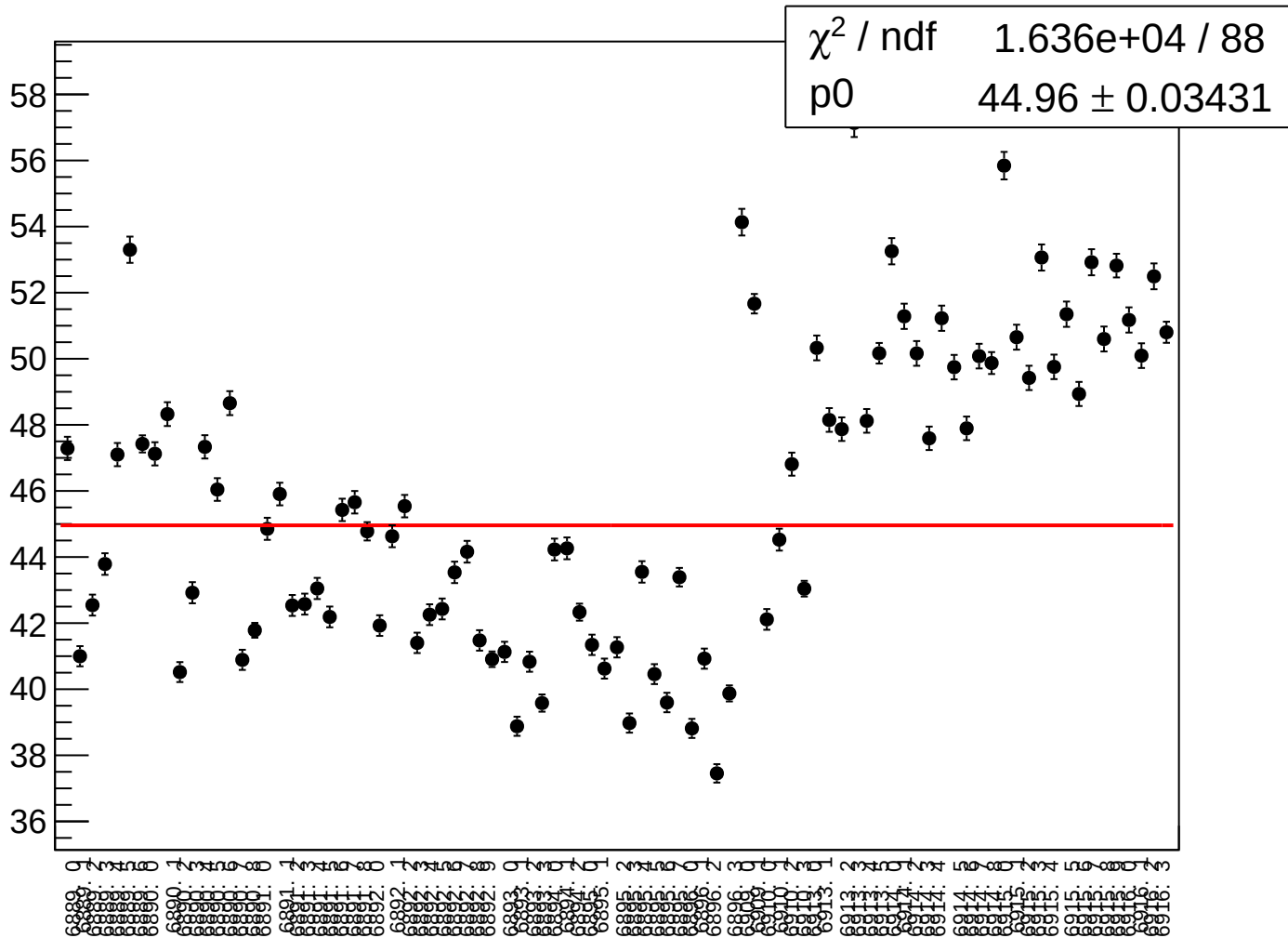
asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs run



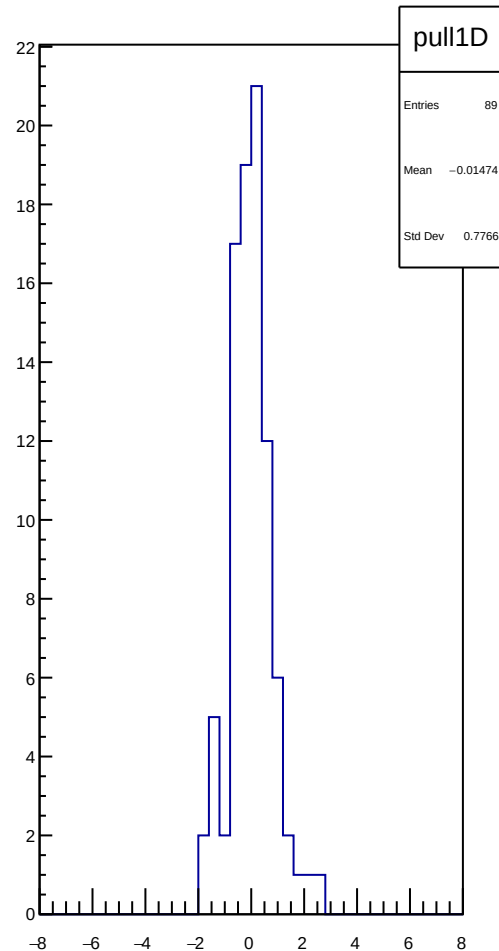
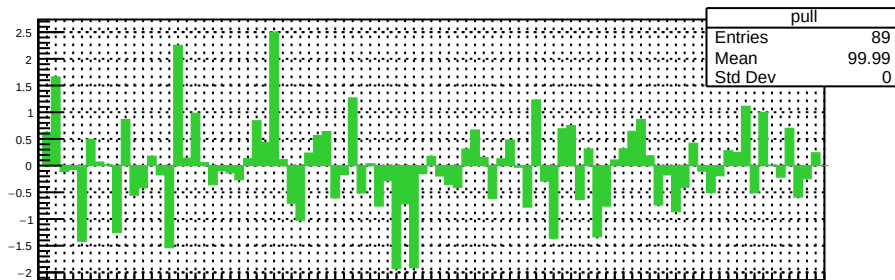
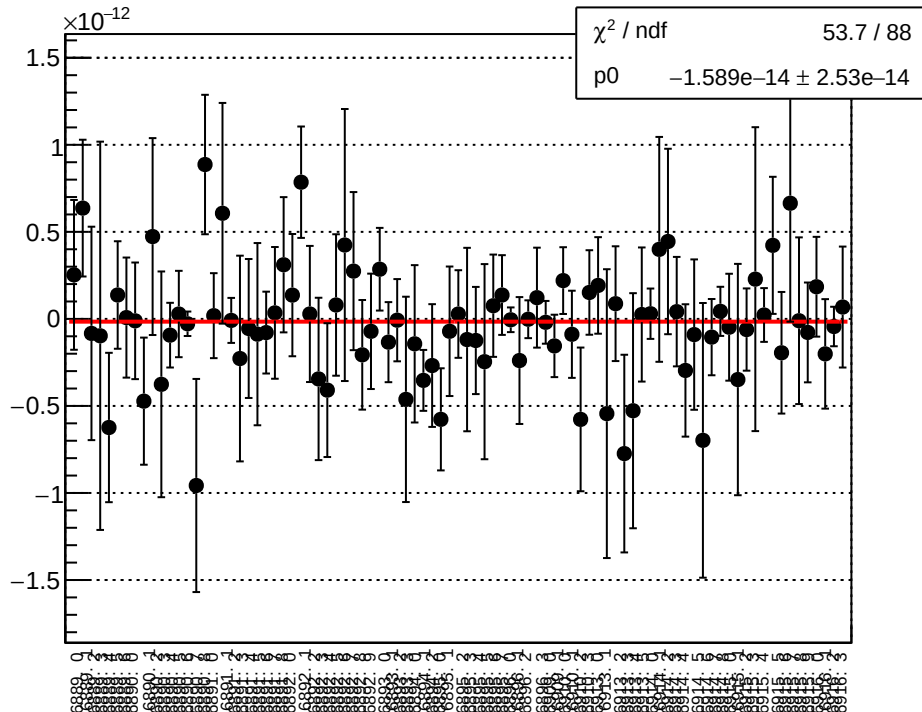
asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs run



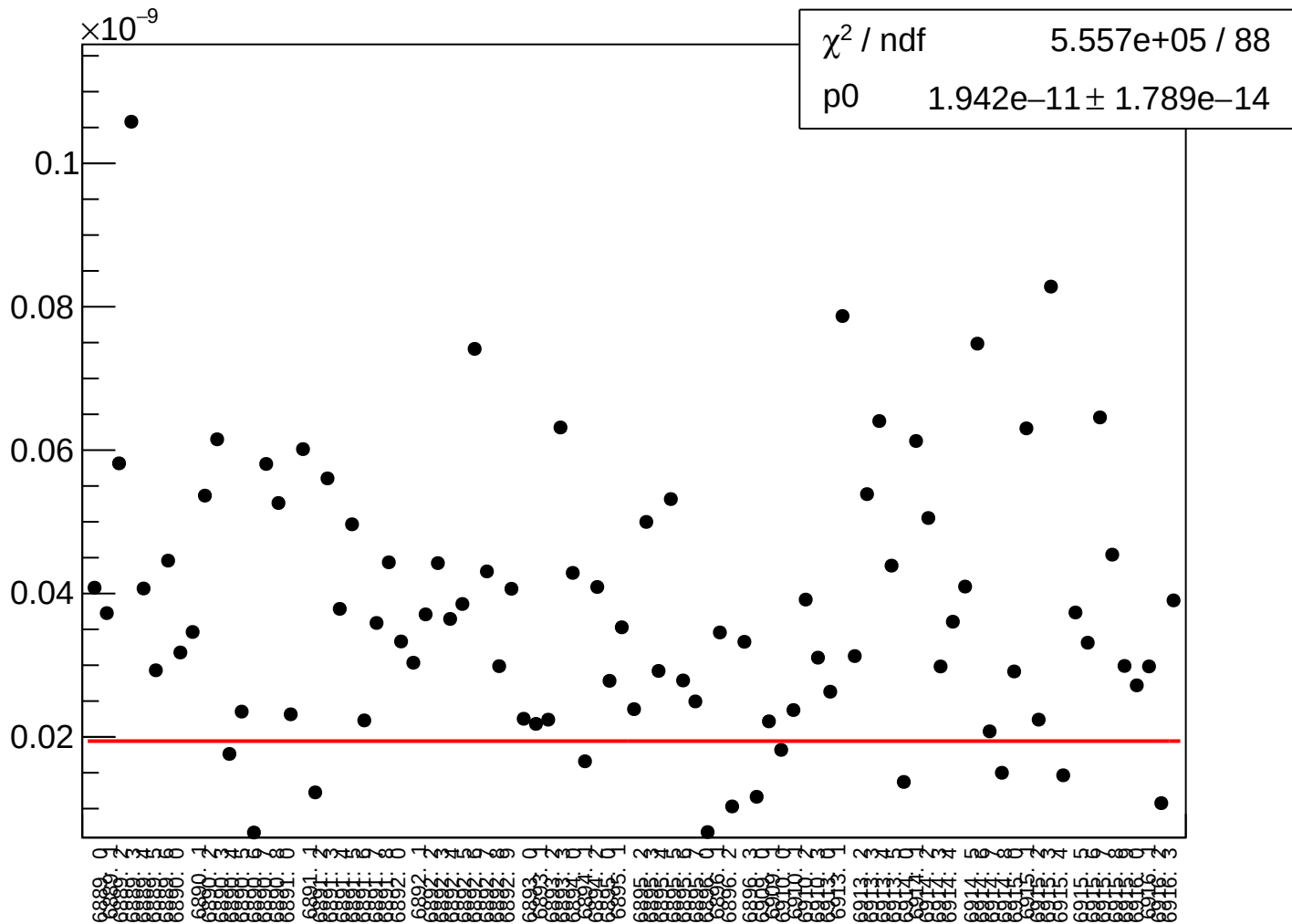
asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



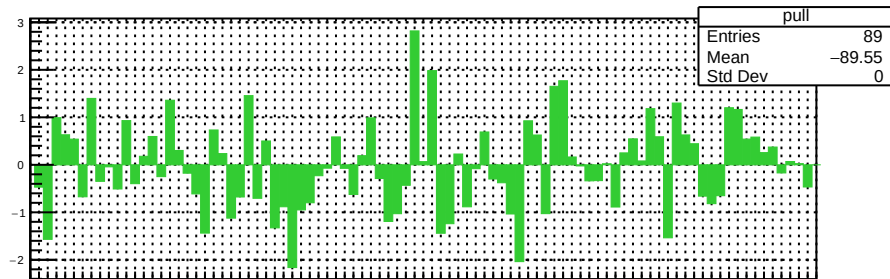
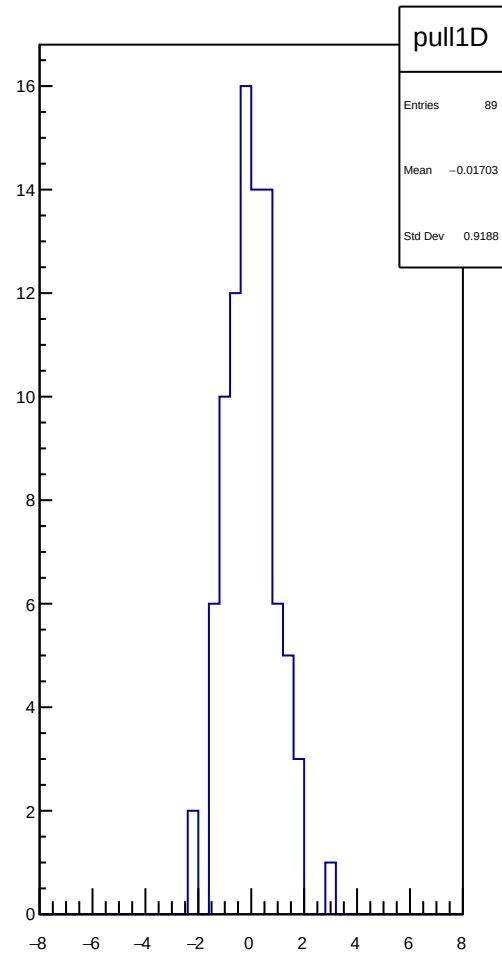
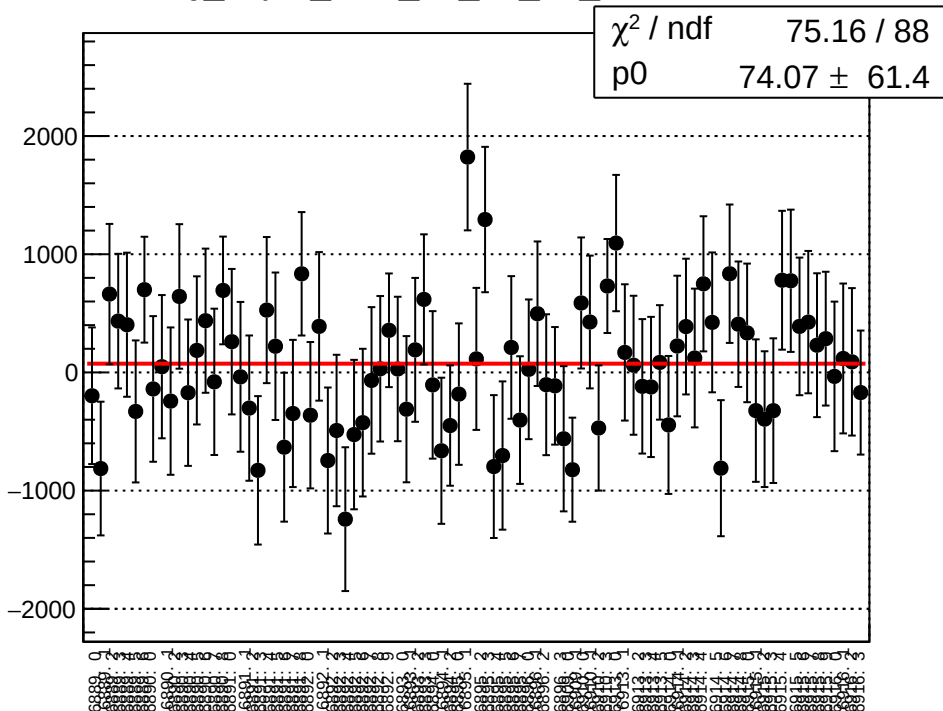
asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs run



asym sam 48 dd eigen cor vs cor diff rms vs run



reg_asym_sam_13_57_dd_mean vs run



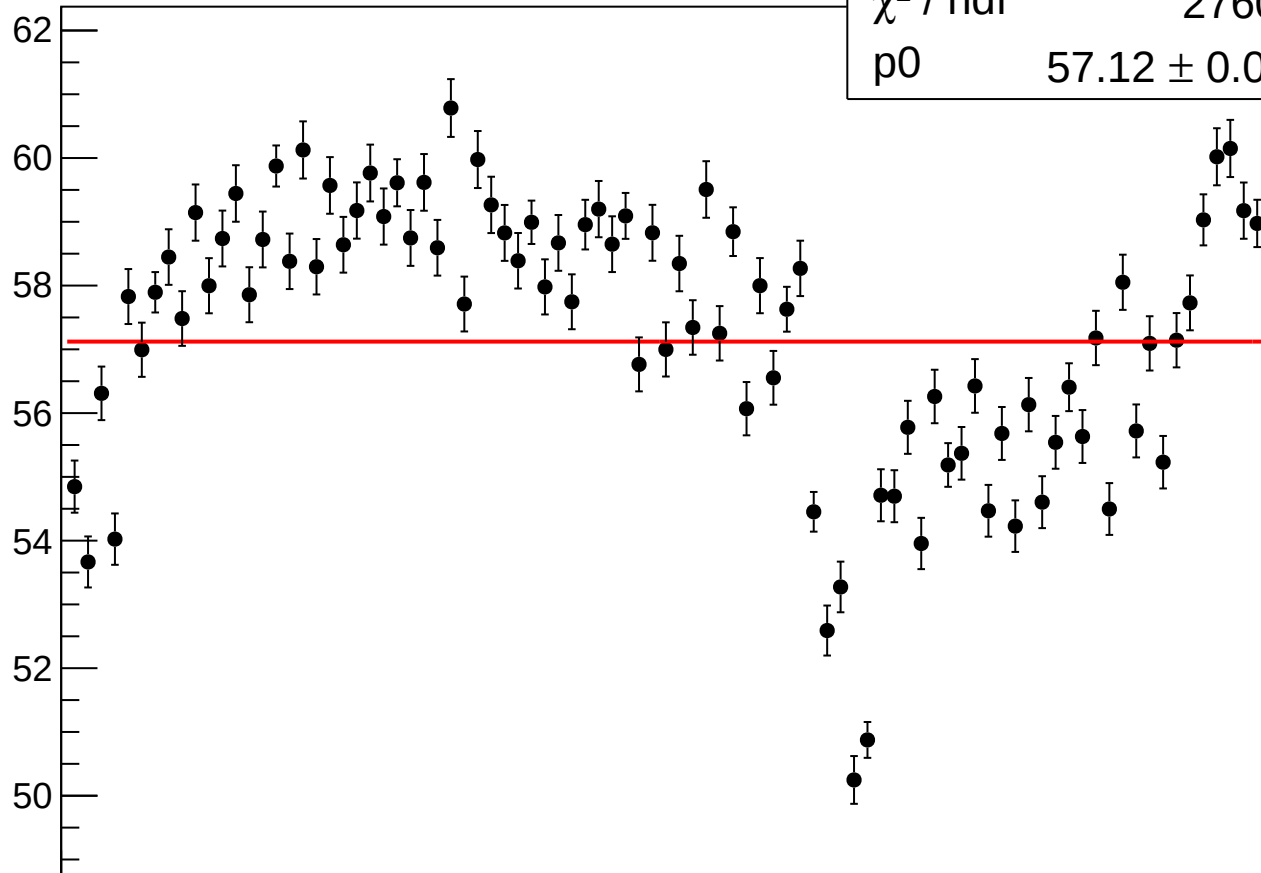
reg_asym_sam_13_57_dd_rms vs run

χ^2 / ndf

2760 / 88

p0

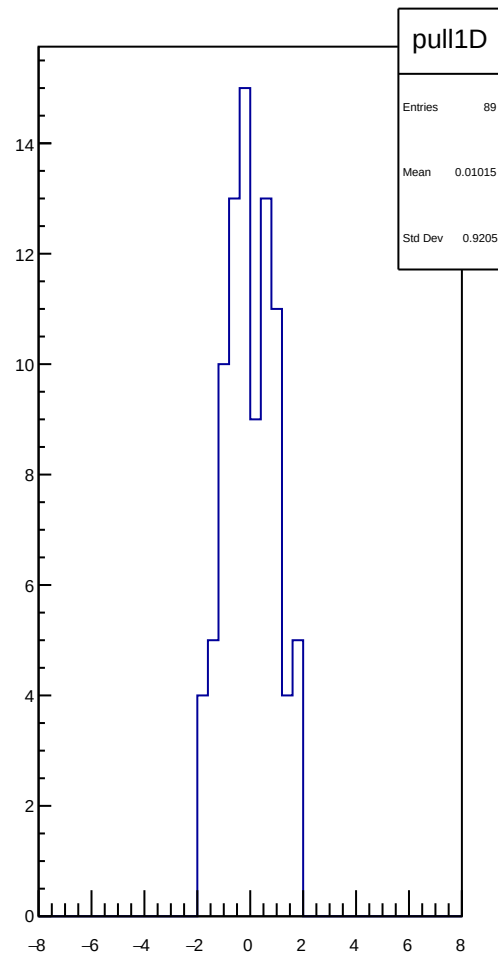
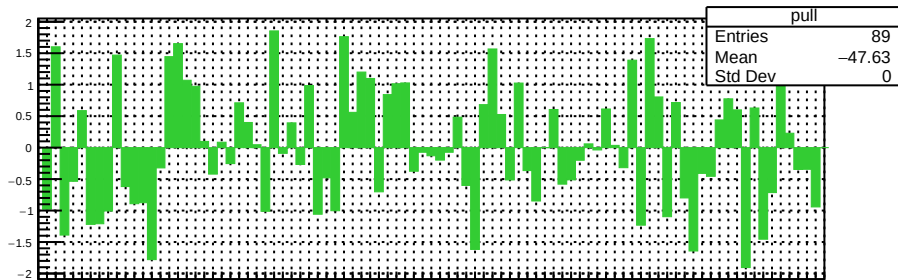
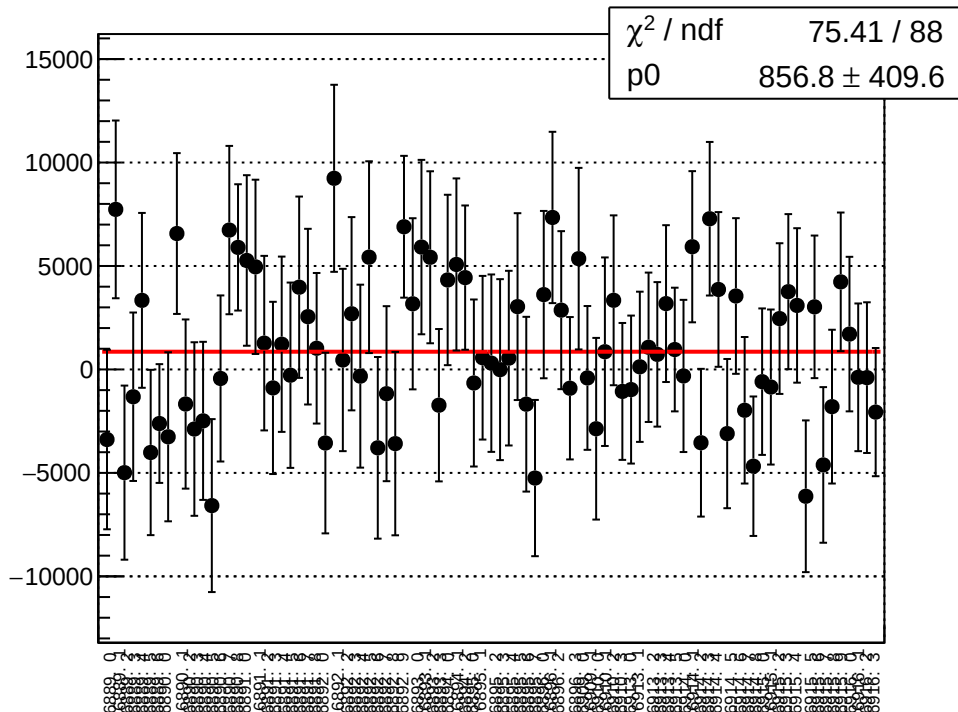
57.12 ± 0.04342



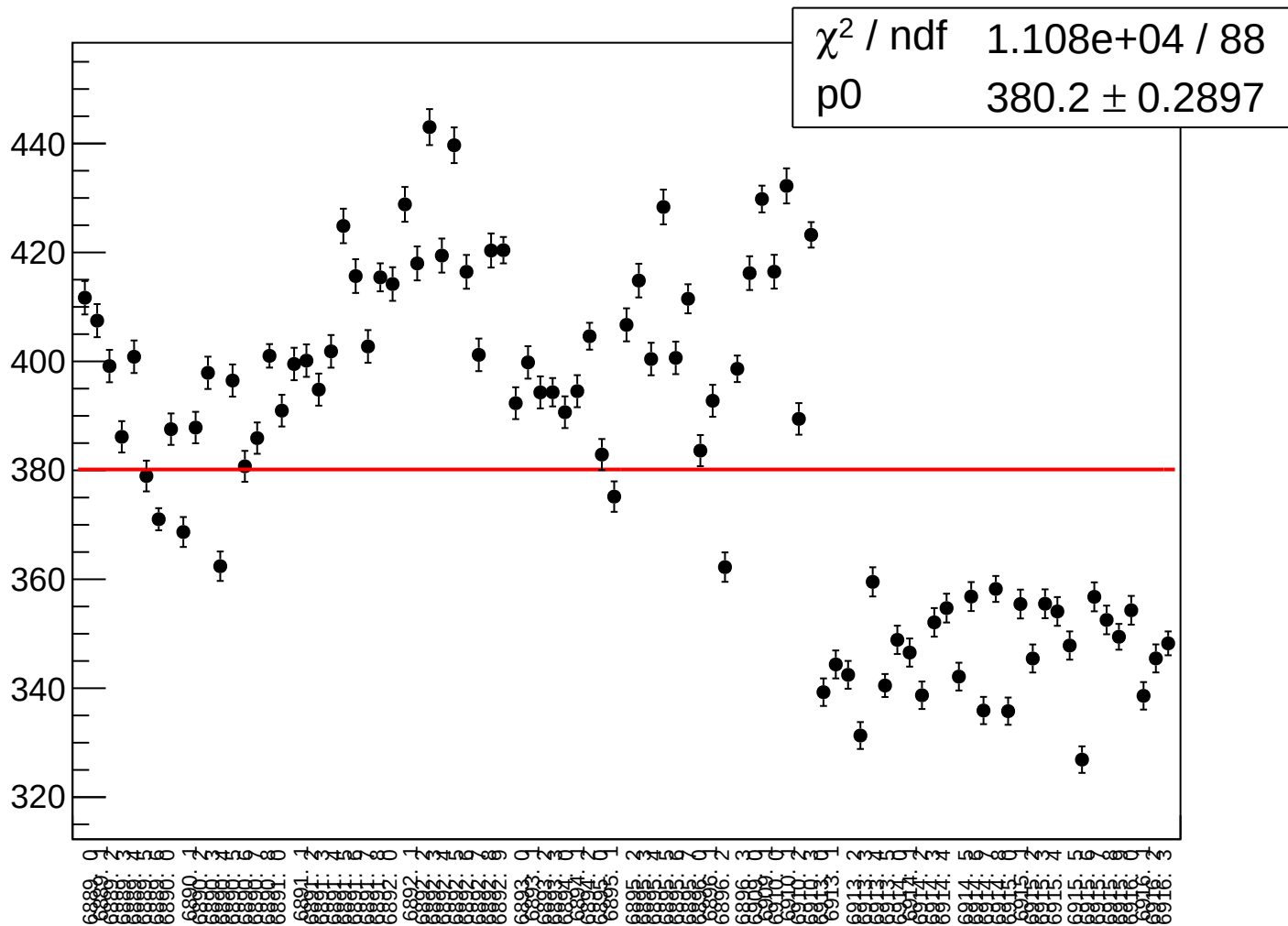
0 100 200 300 400 500 600 700 800 900 1000

50 52 54 56 58 60 62

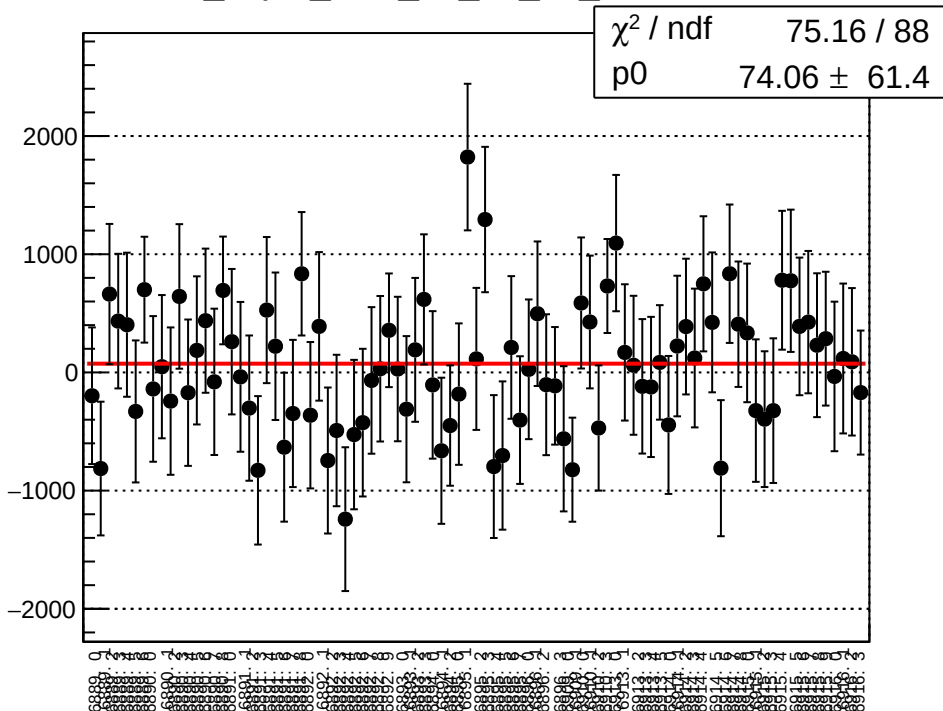
asym_sam_13_57_dd_reg_correction_mean vs run



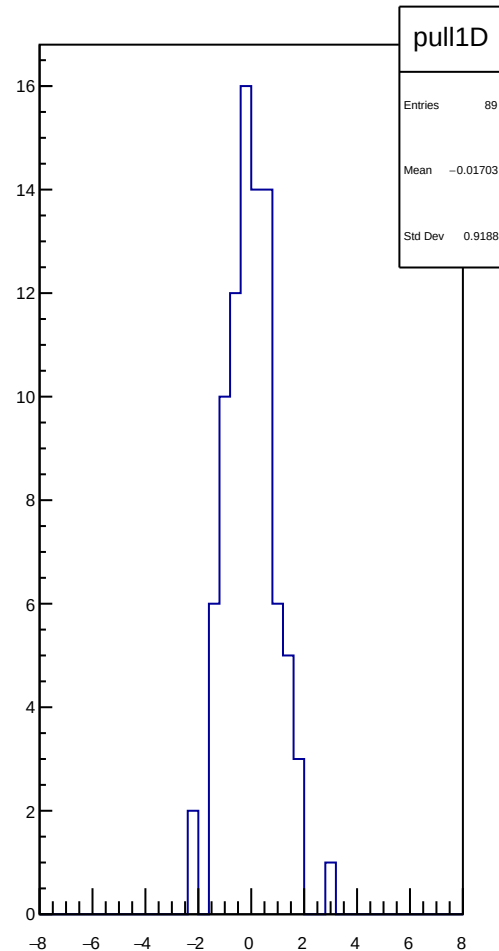
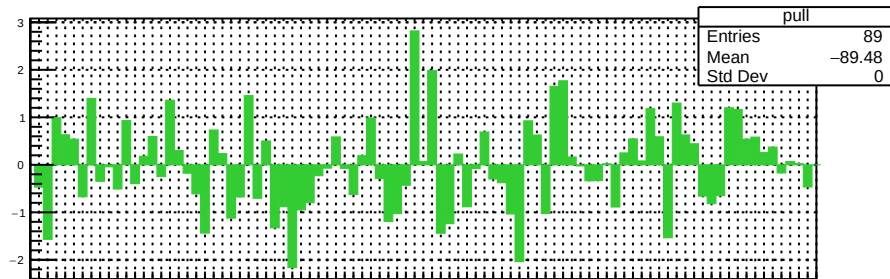
asym_sam_13_57_dd_reg_correction_rms vs run



cor_asym_sam_13_57_dd_mean vs run

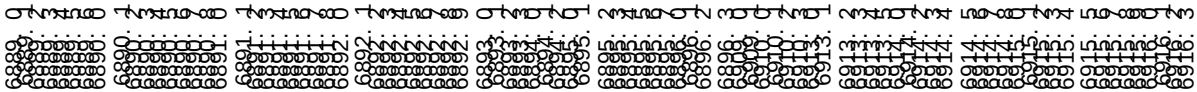


Correlation asymmetry mean versus run. The plot shows the distribution of the correlation asymmetry mean for each run. The x-axis represents the run number, and the y-axis represents the correlation asymmetry mean. The data points are shown with error bars, and a red line indicates the fit.

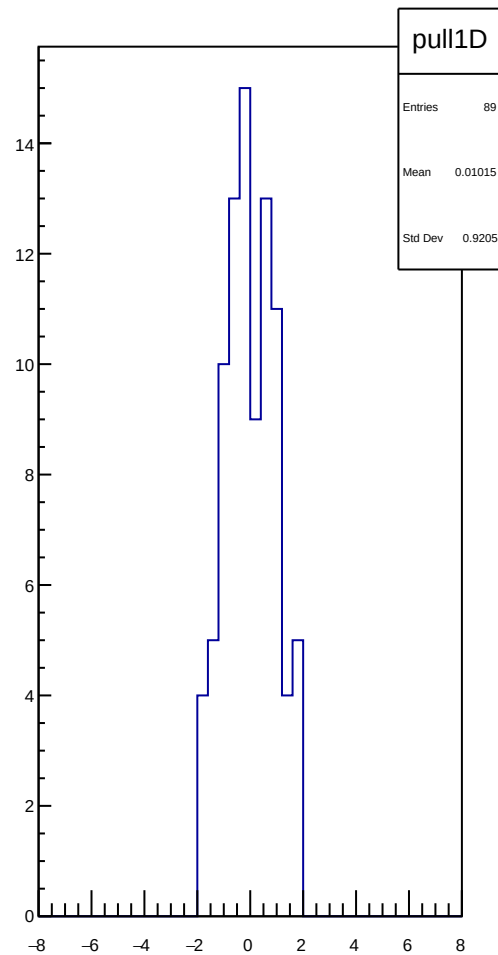
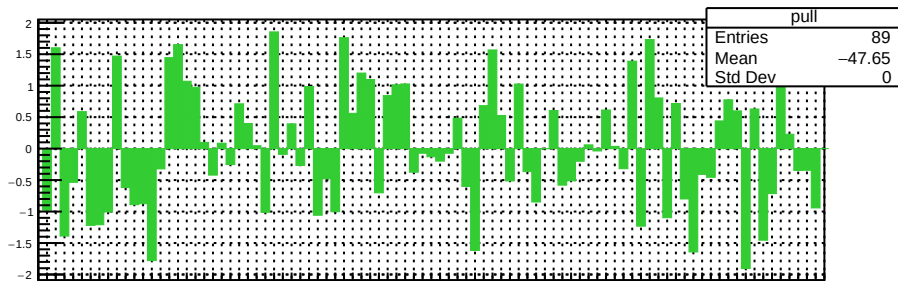
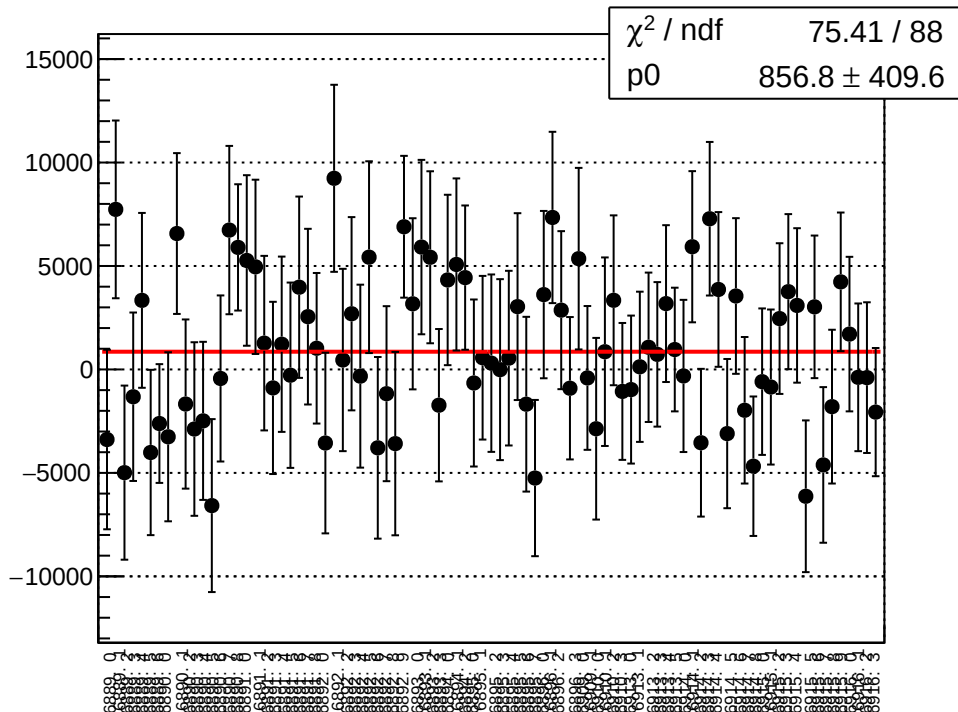


χ^2 / ndf

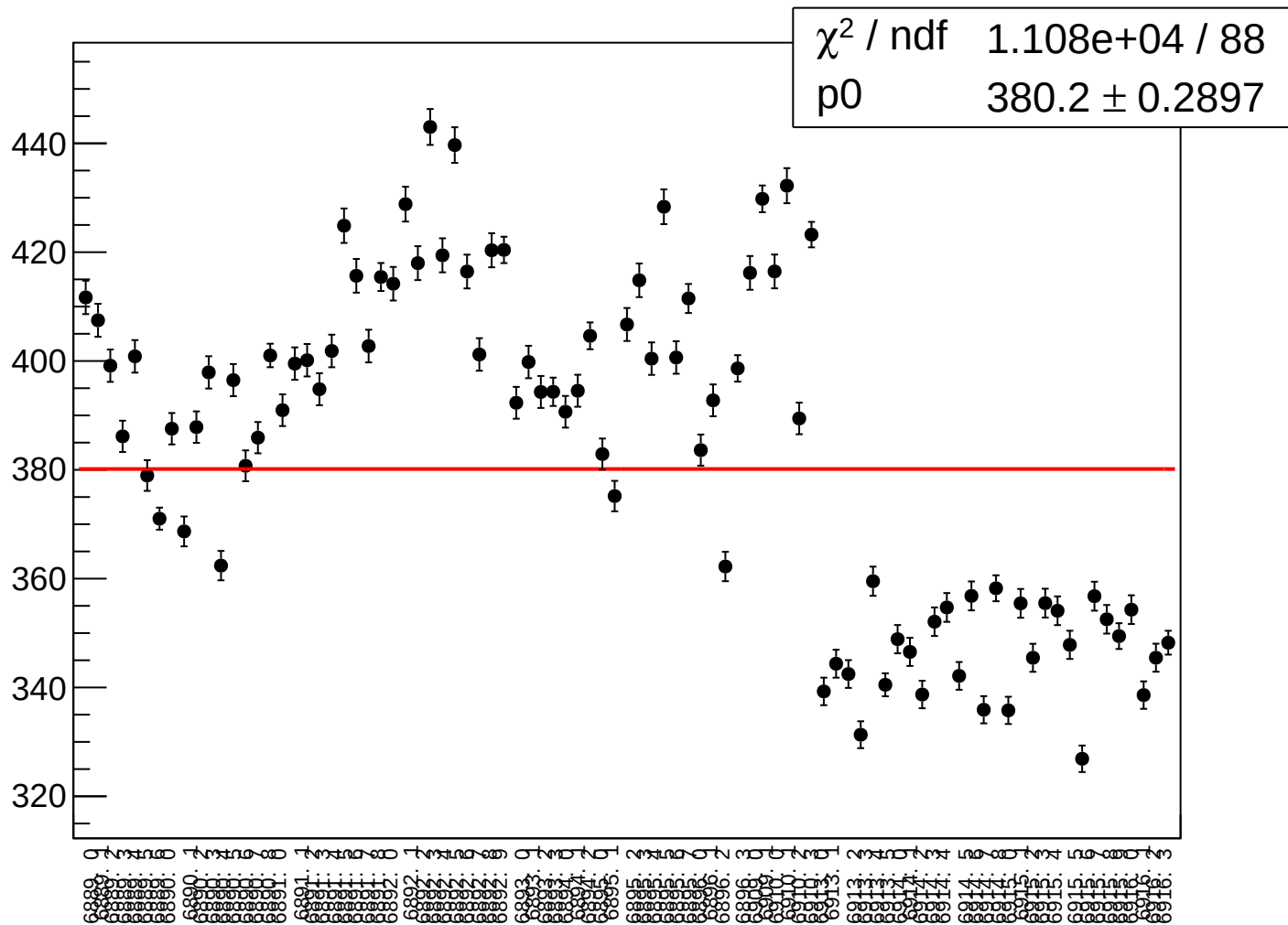
p0

$$57.12 \pm 0.04342$$


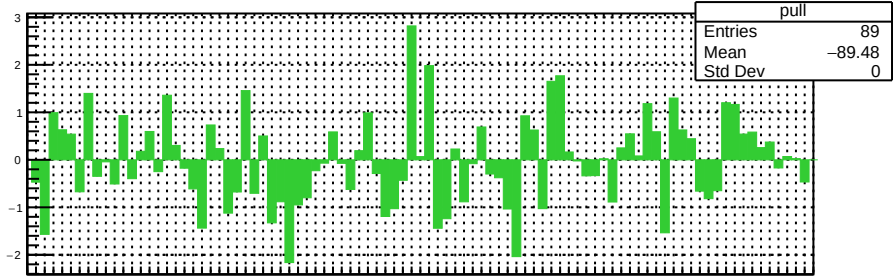
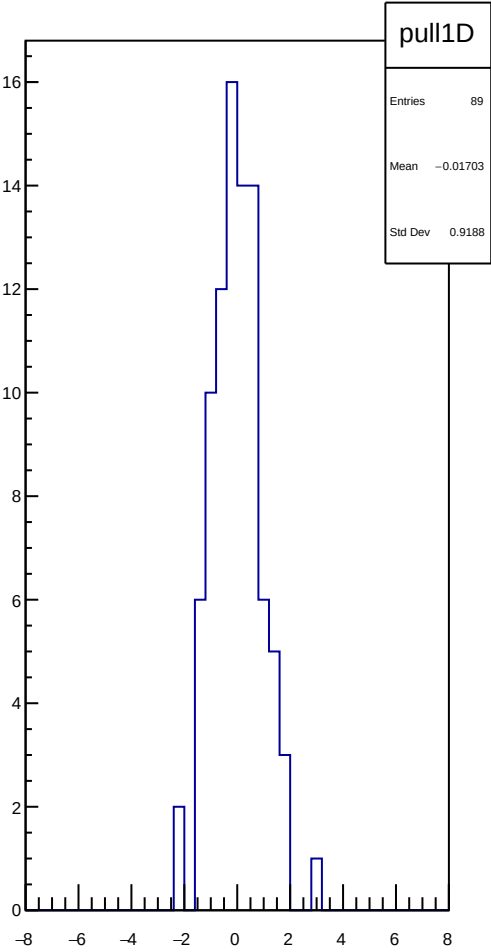
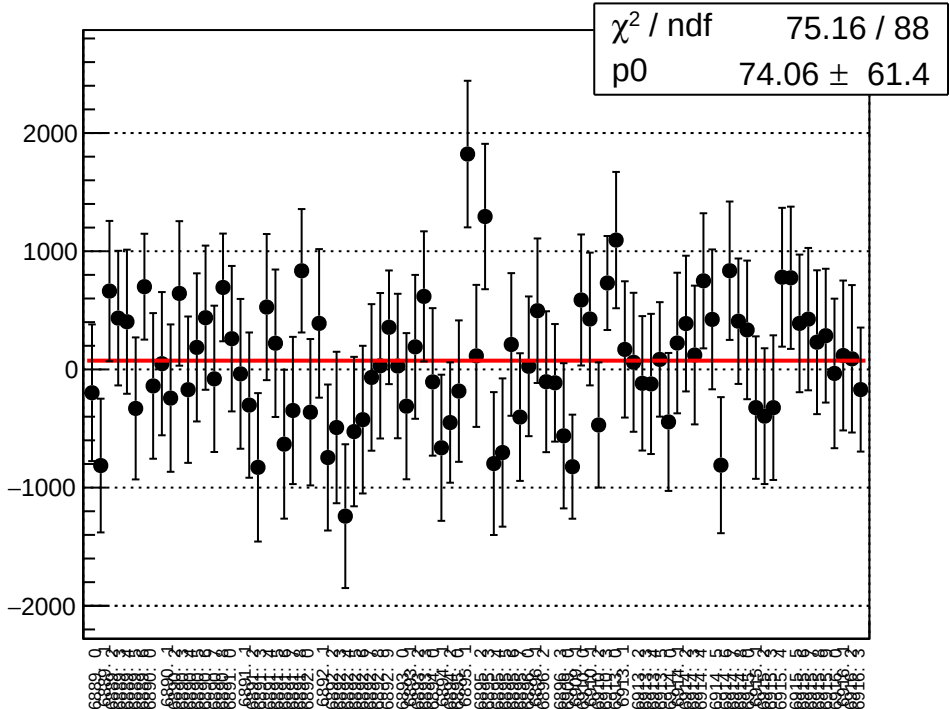
asym_sam_13_57_dd_cor_correction_mean vs run



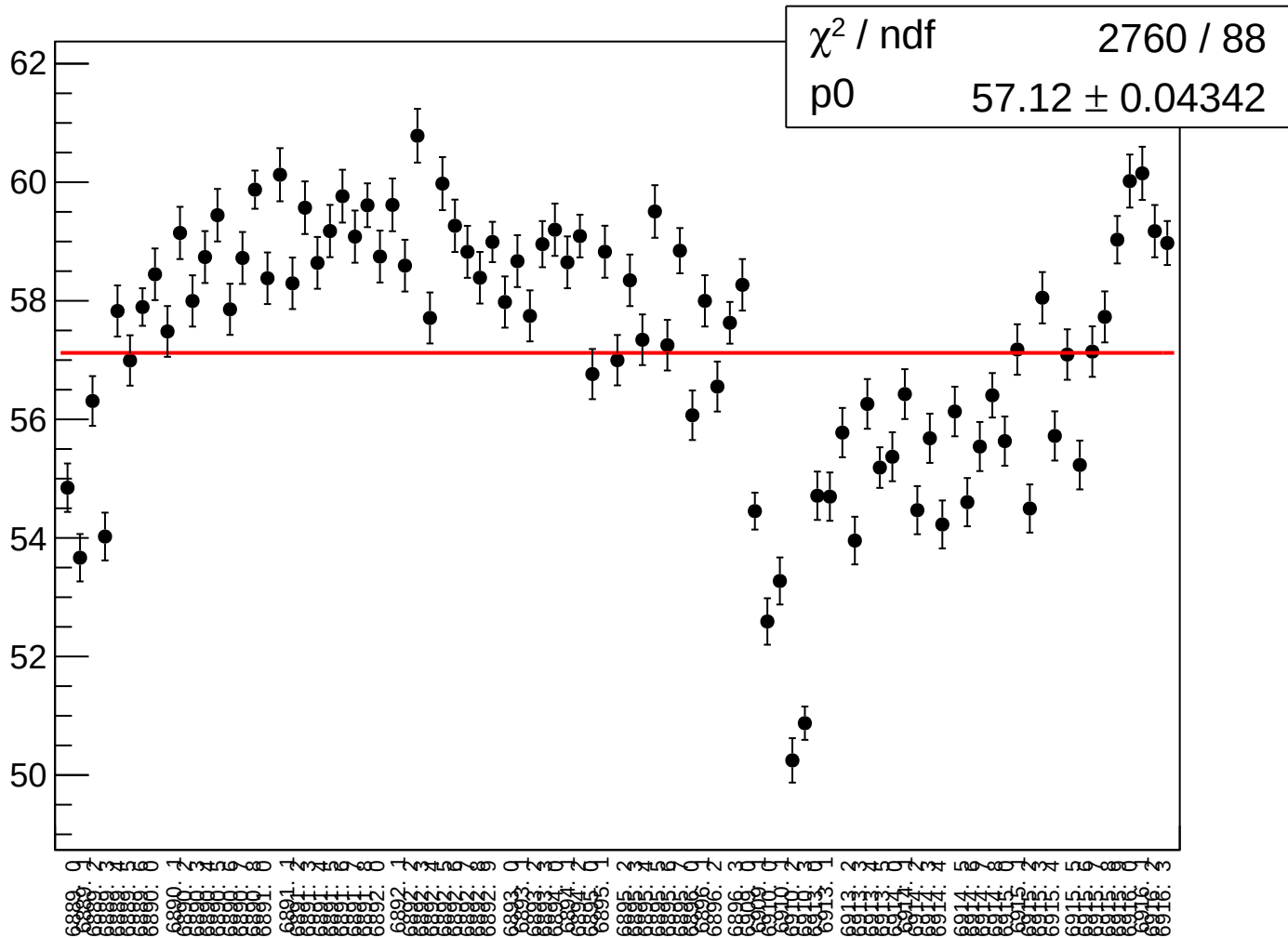
asym_sam_13_57_dd_cor_correction_rms vs run



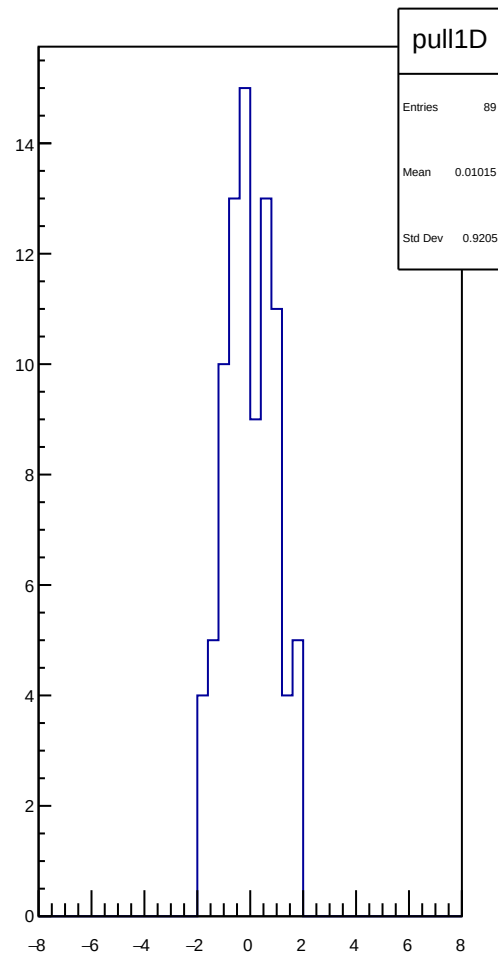
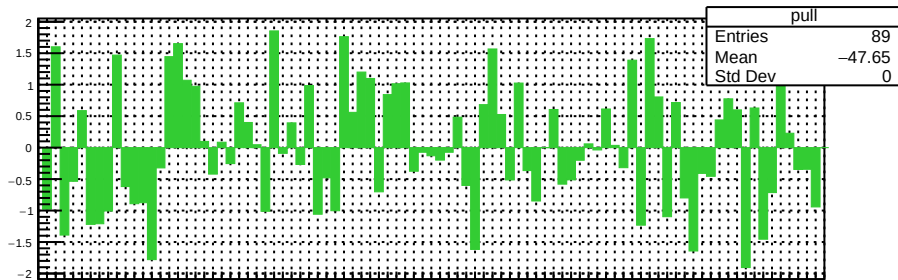
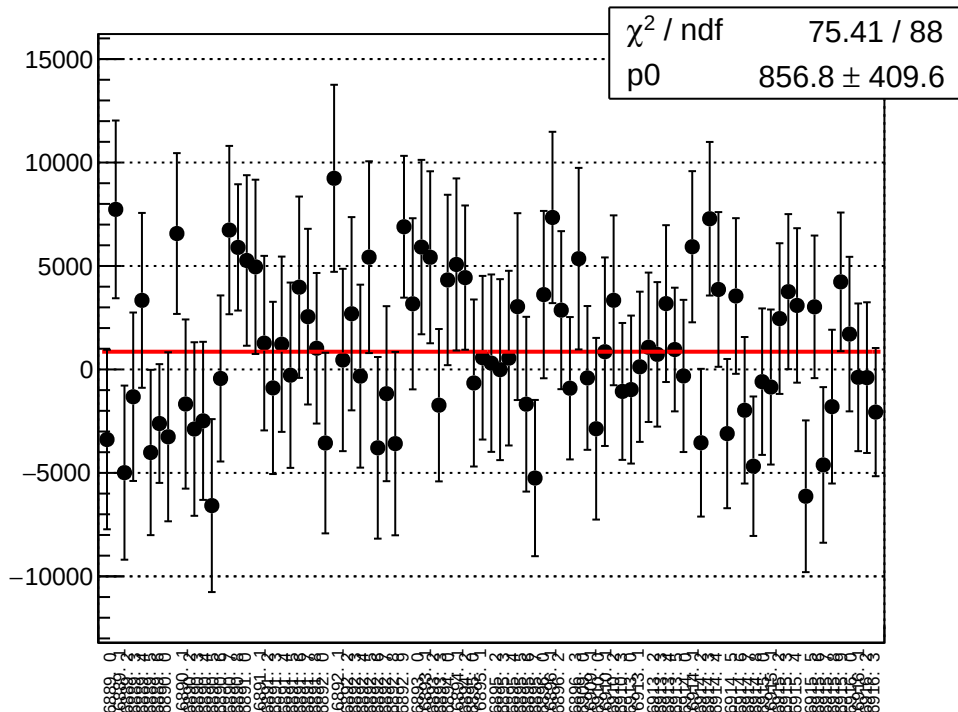
eigen_cor_asym_sam_13_57_dd_mean vs run



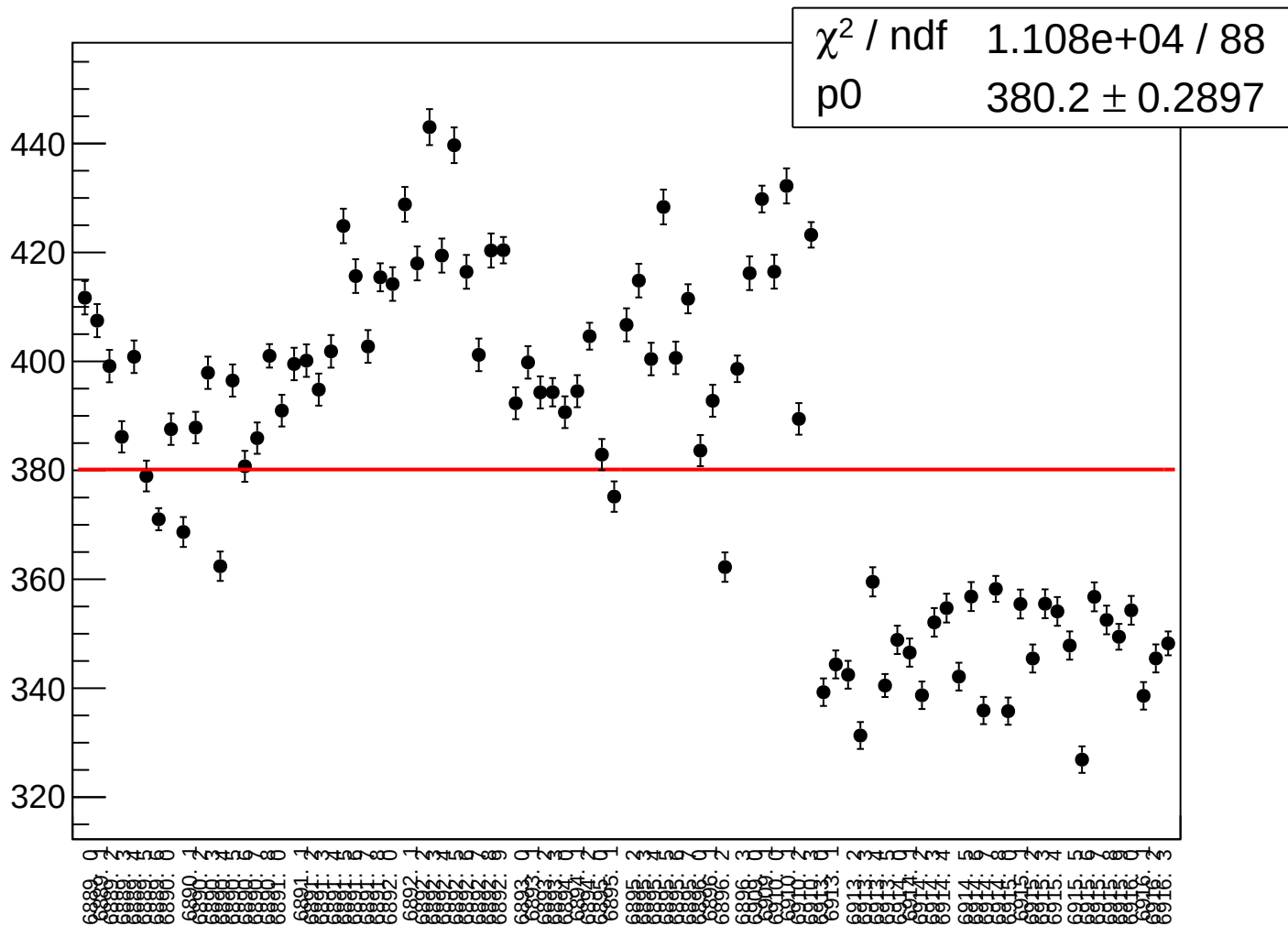
eigen_cor_asym_sam_13_57_dd_rms vs run



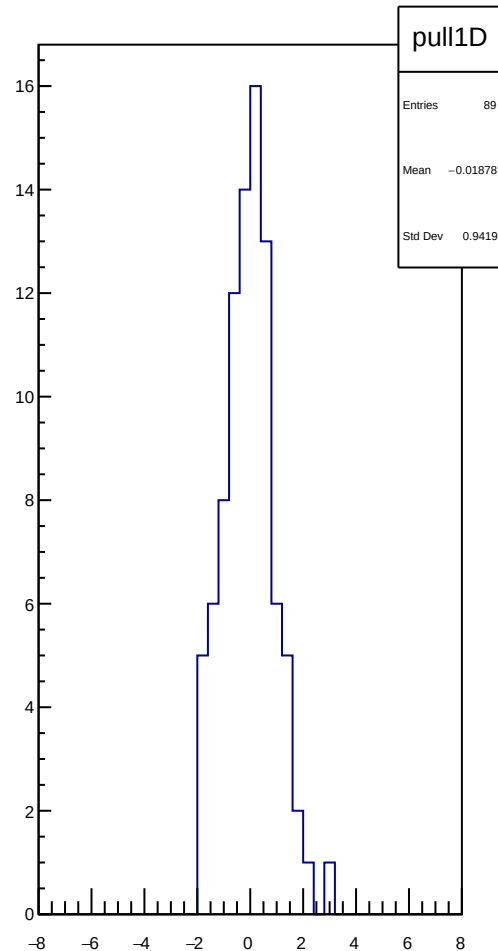
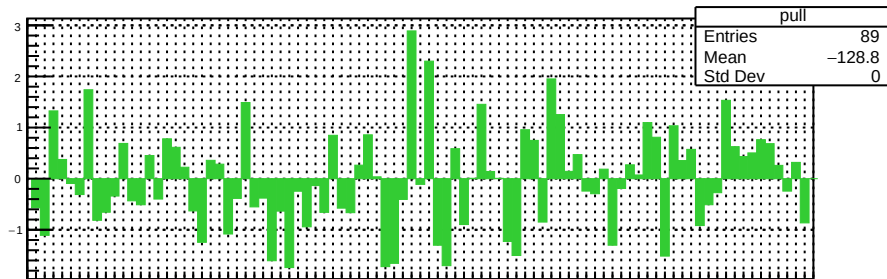
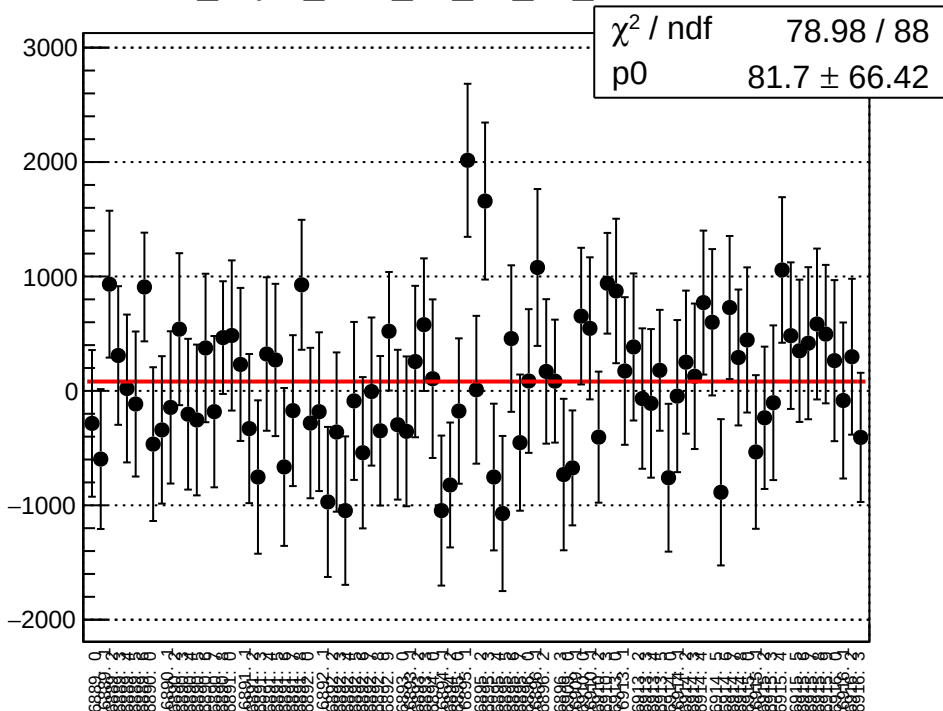
asym_sam_13_57_dd_eigen_cor_correction_mean vs run



asym_sam_13_57_dd_eigen_cor_correction_rms vs run



dit_asym_sam_13_57_dd_mean vs run



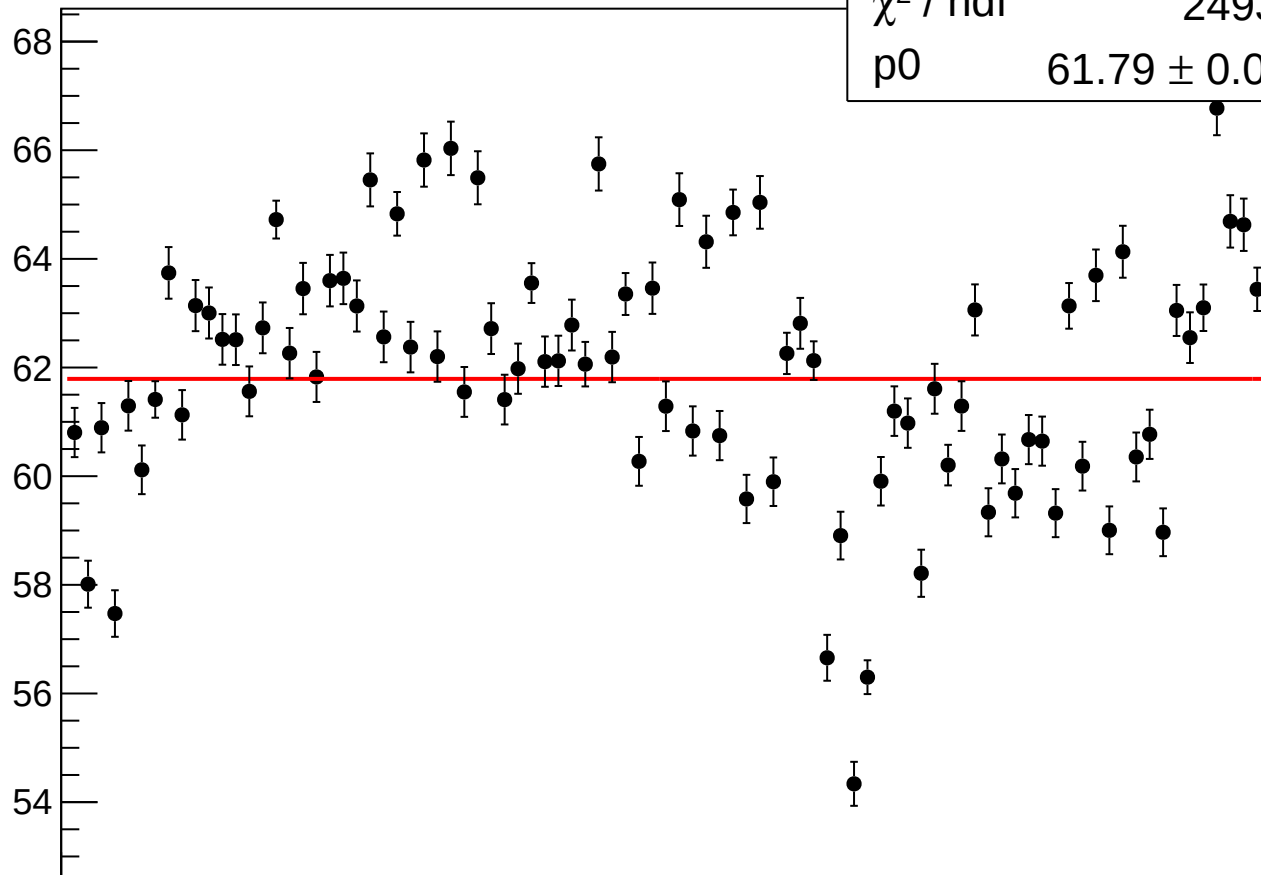
dit_asym_sam_13_57_dd_rms vs run

χ^2 / ndf

2493 / 88

p0

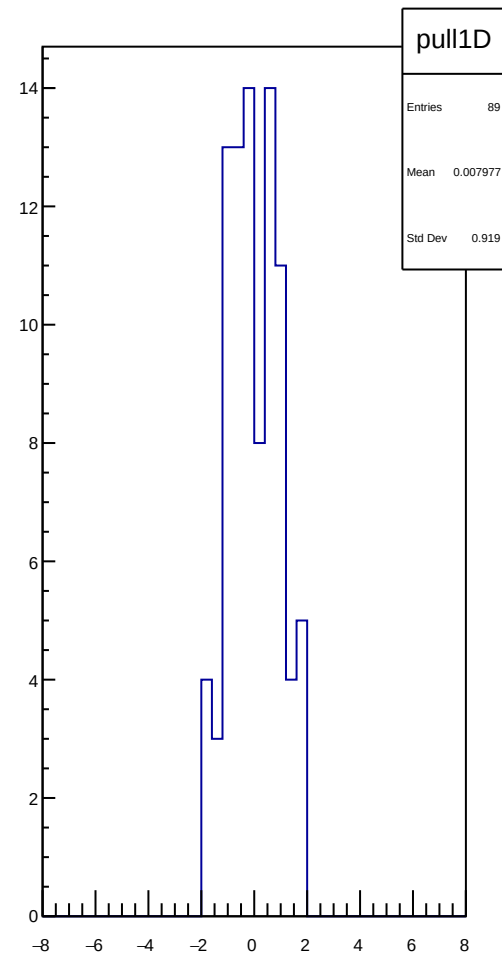
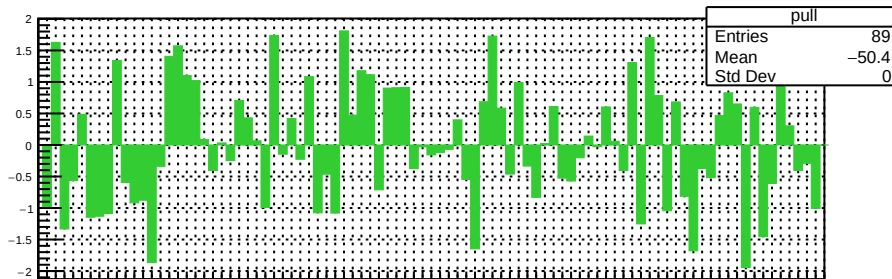
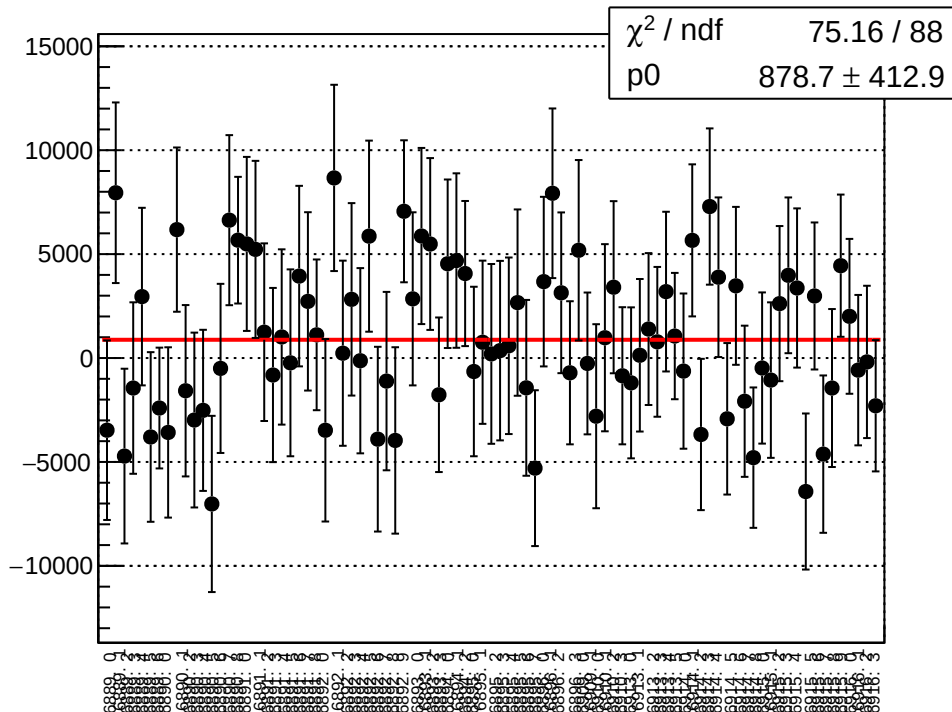
61.79 ± 0.04696



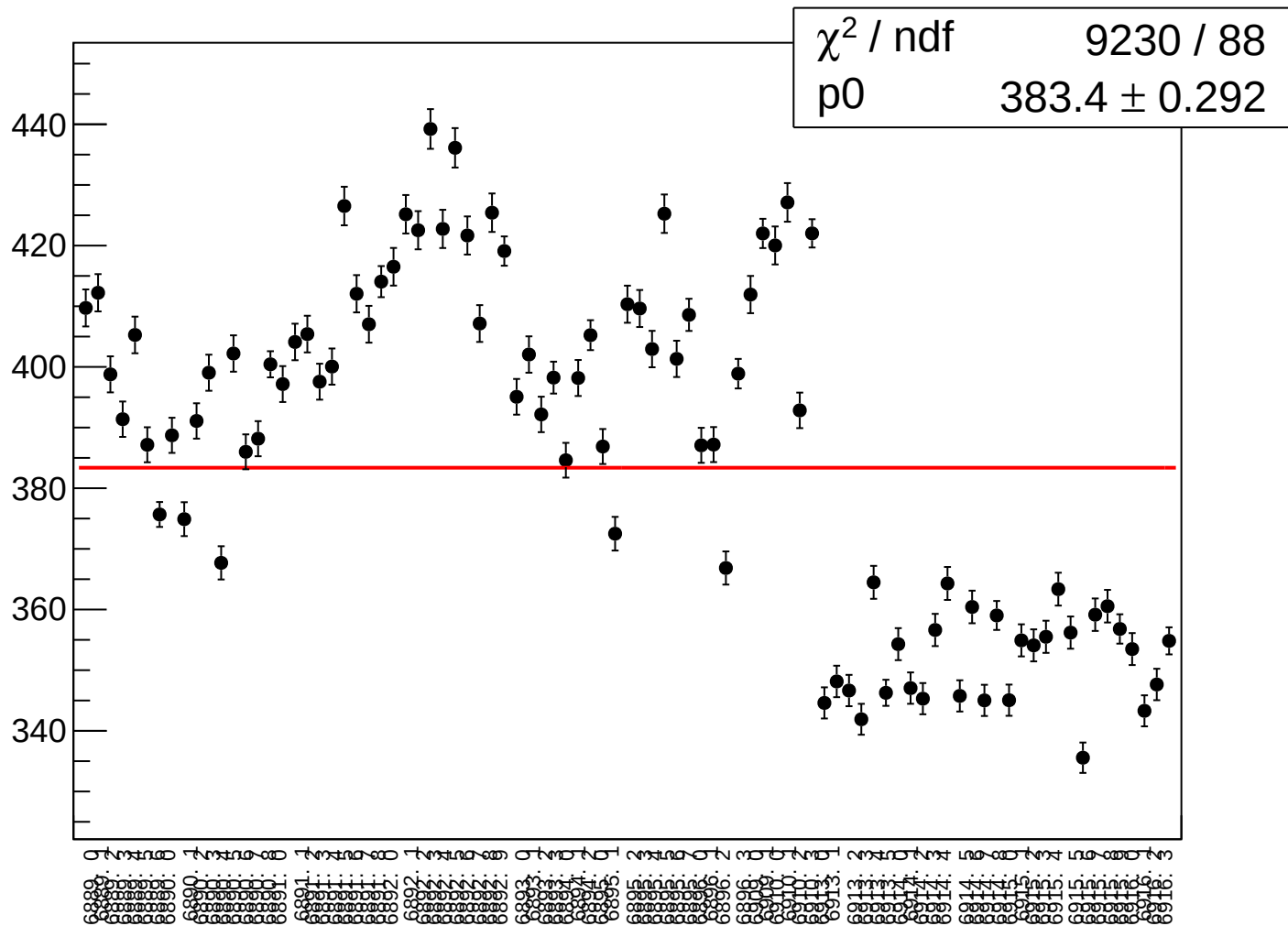
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54 56 58 60 62 64 66 68

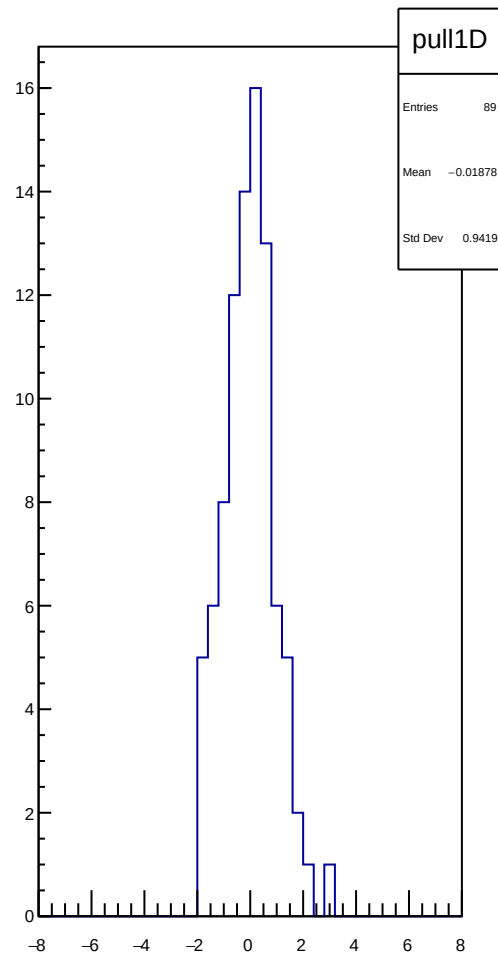
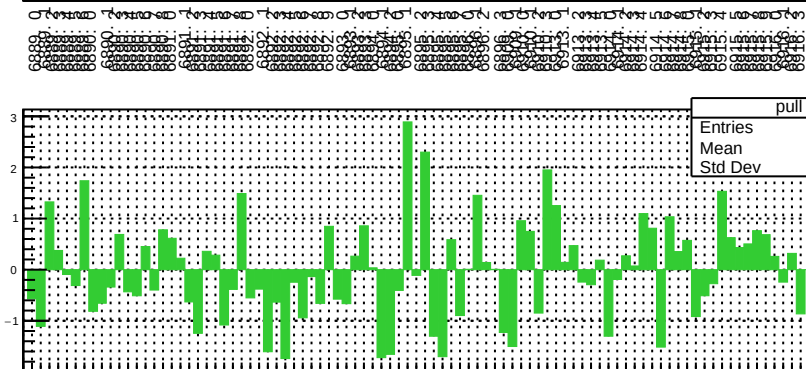
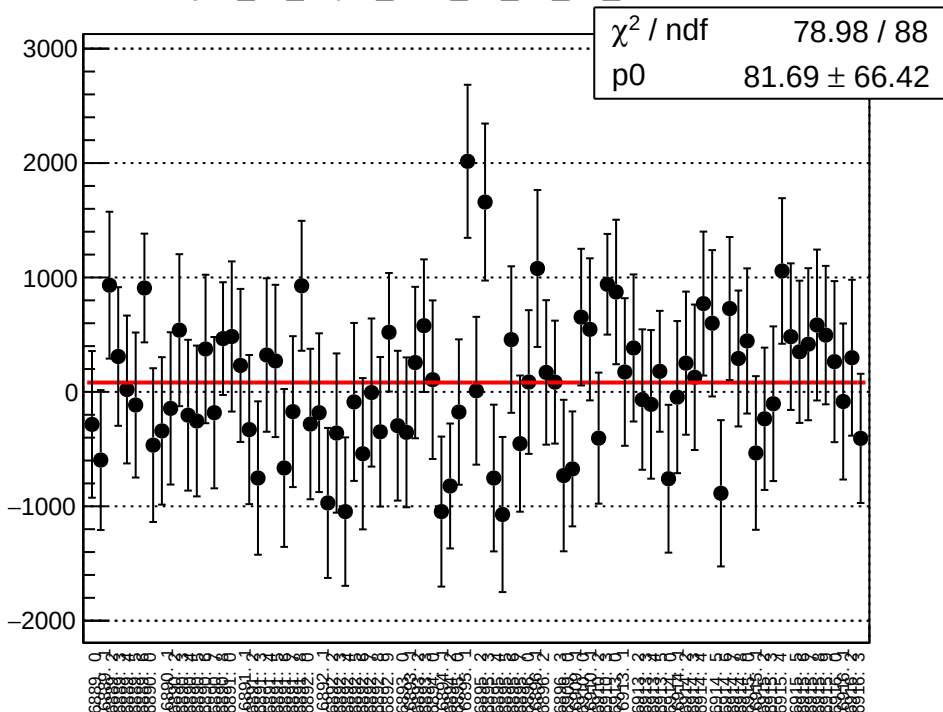
asym_sam_13_57_dd_dit_correction_mean vs run



asym_sam_13_57_dd_dit_correction_rms vs run



eigen_dit_asym_sam_13_57_dd_mean vs run



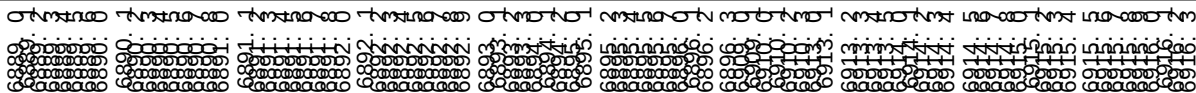
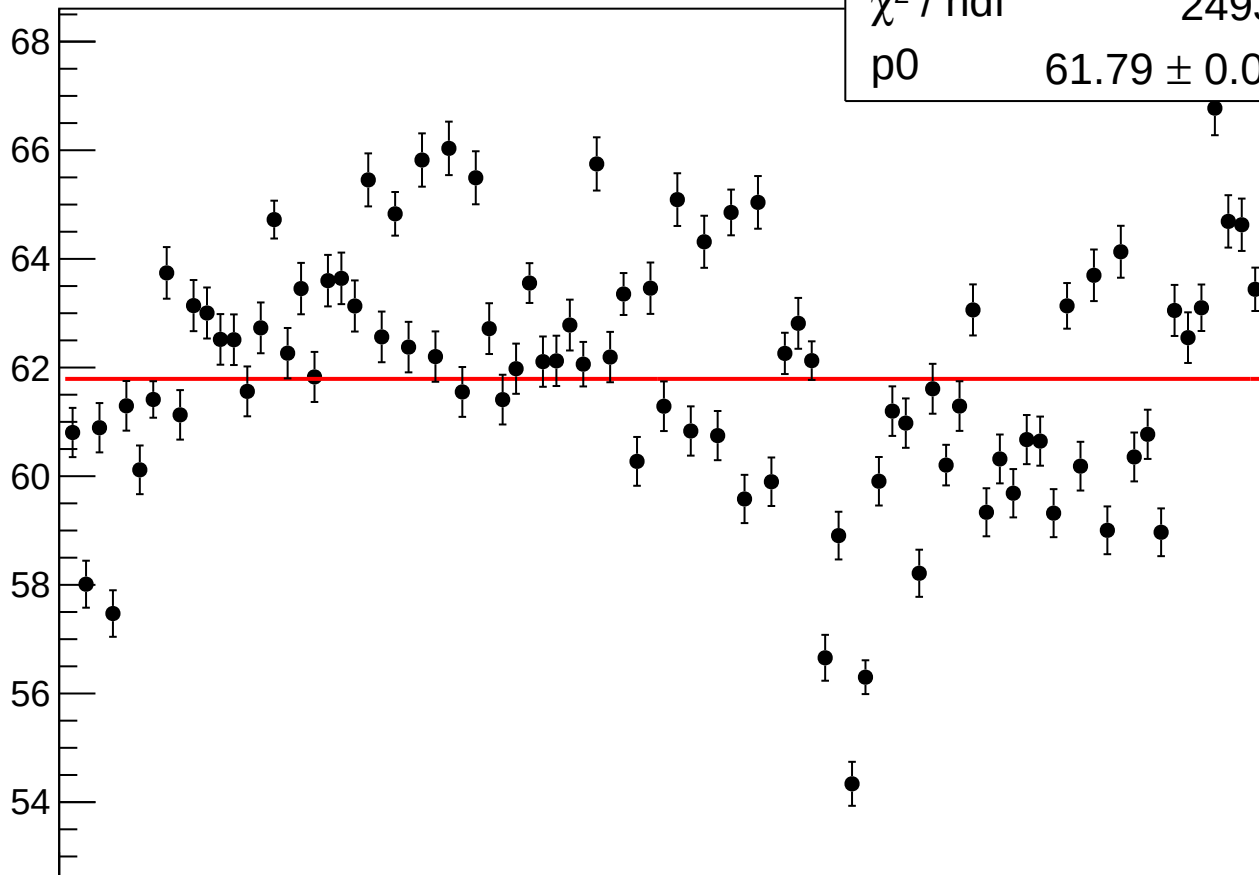
eigen_dit_asym_sam_13_57_dd_rms vs run

χ^2 / ndf

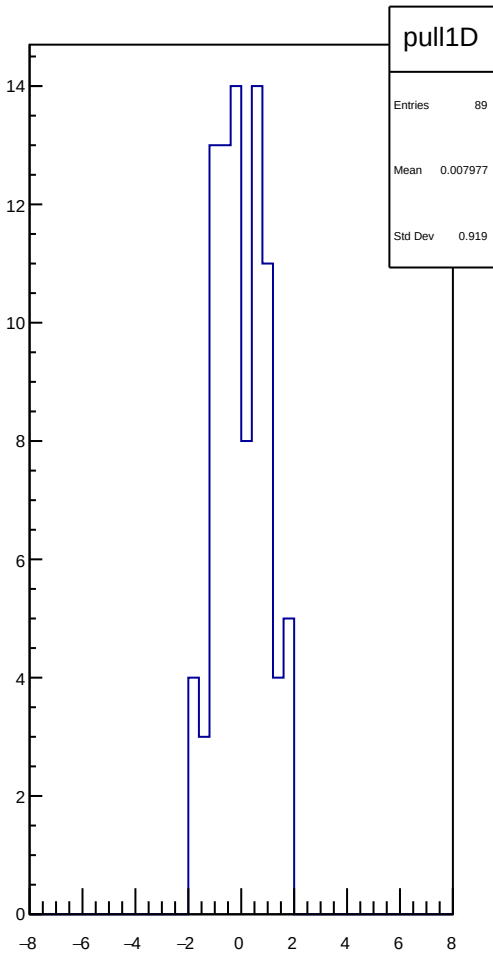
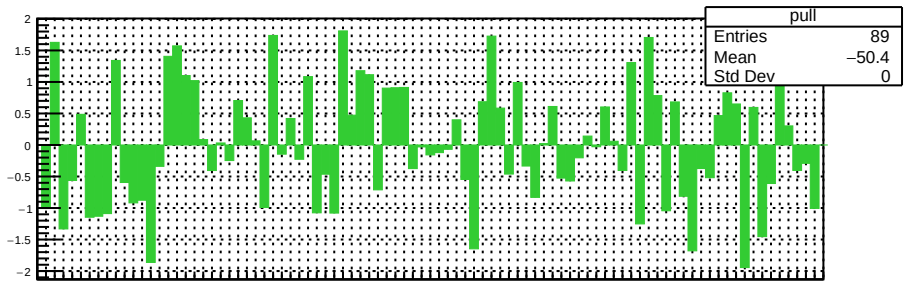
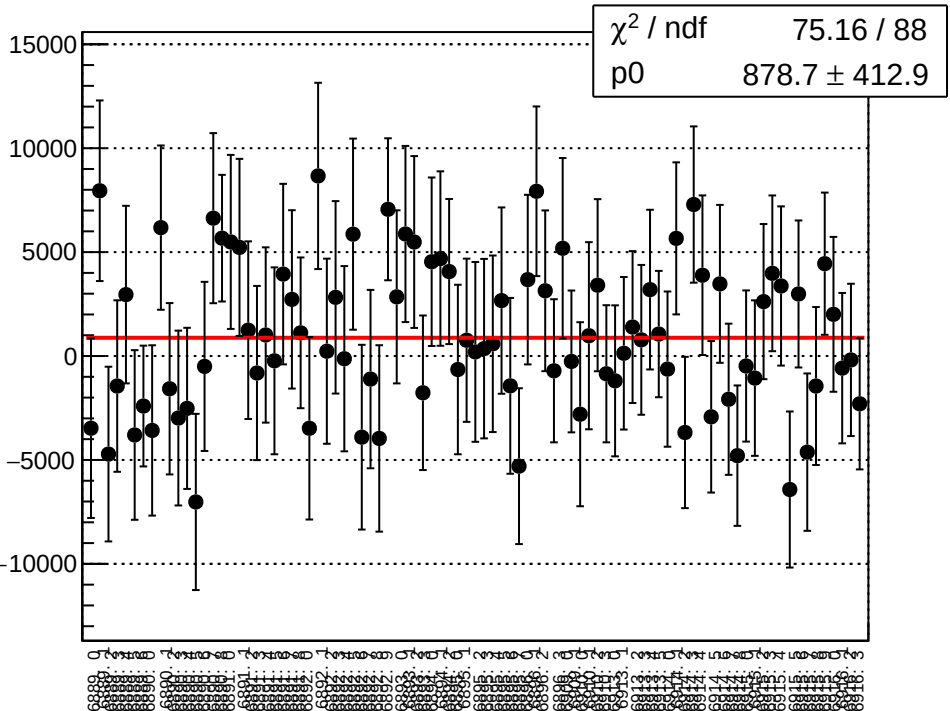
2493 / 88

p0

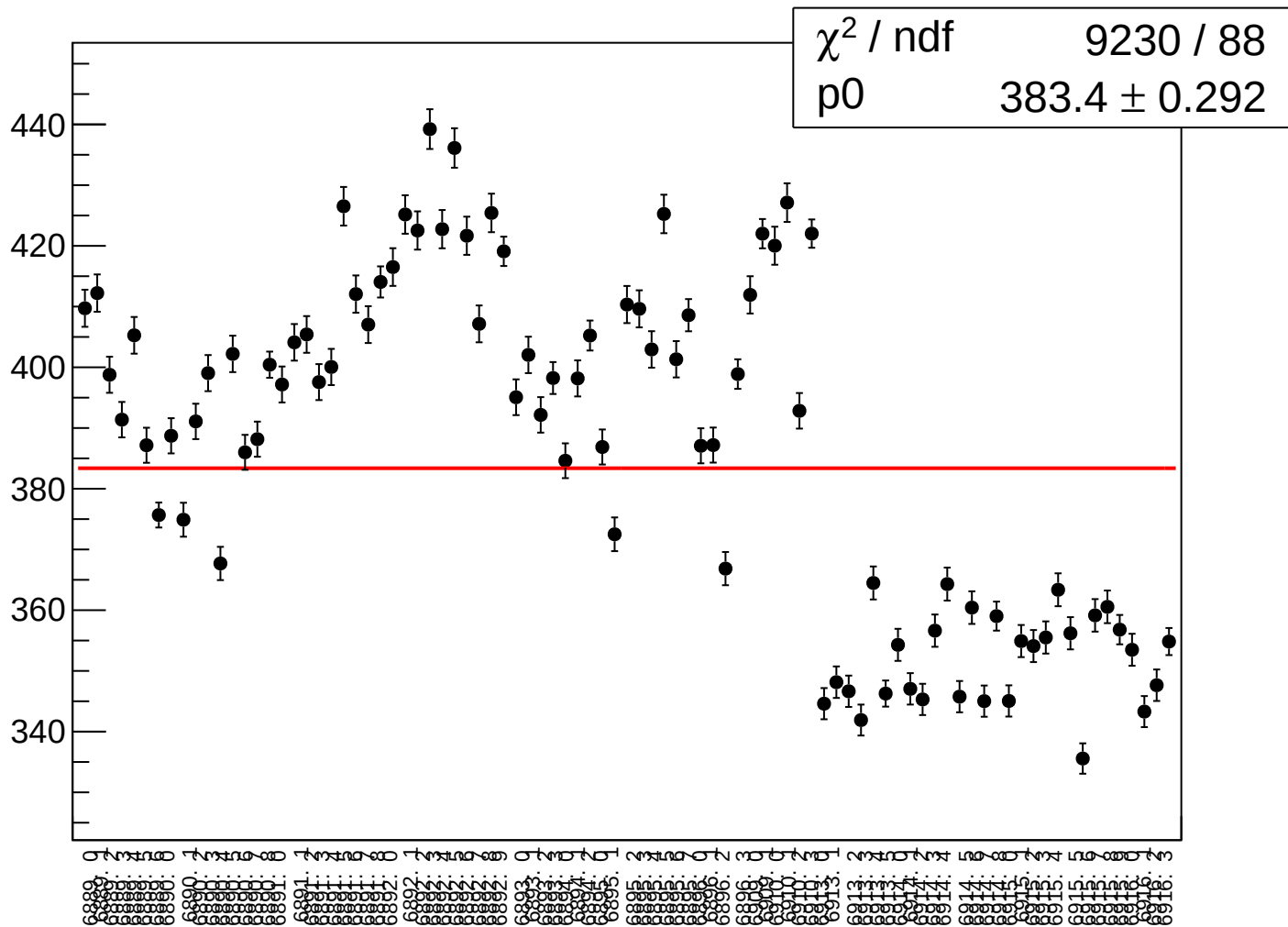
61.79 ± 0.04697



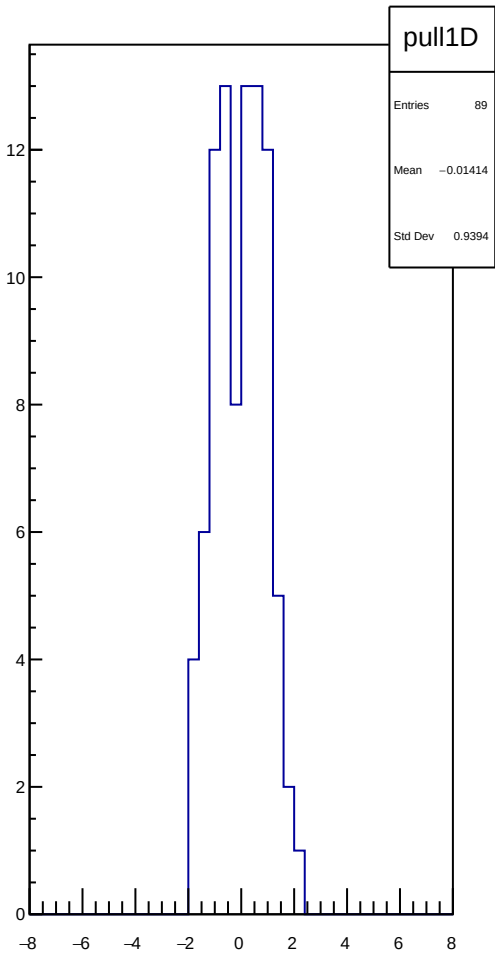
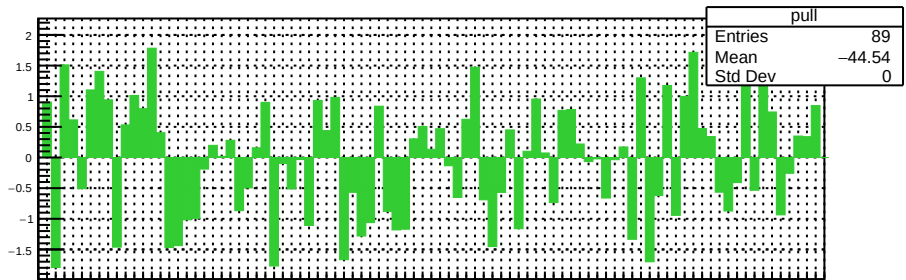
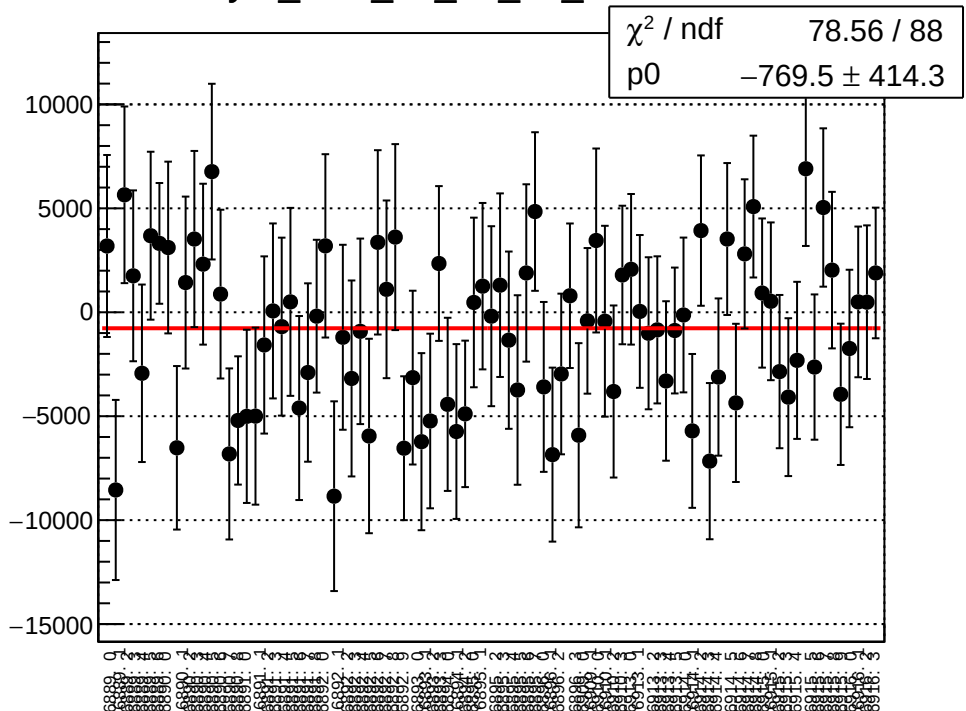
asym_sam_13_57_dd_eigen_dit_correction_mean vs run



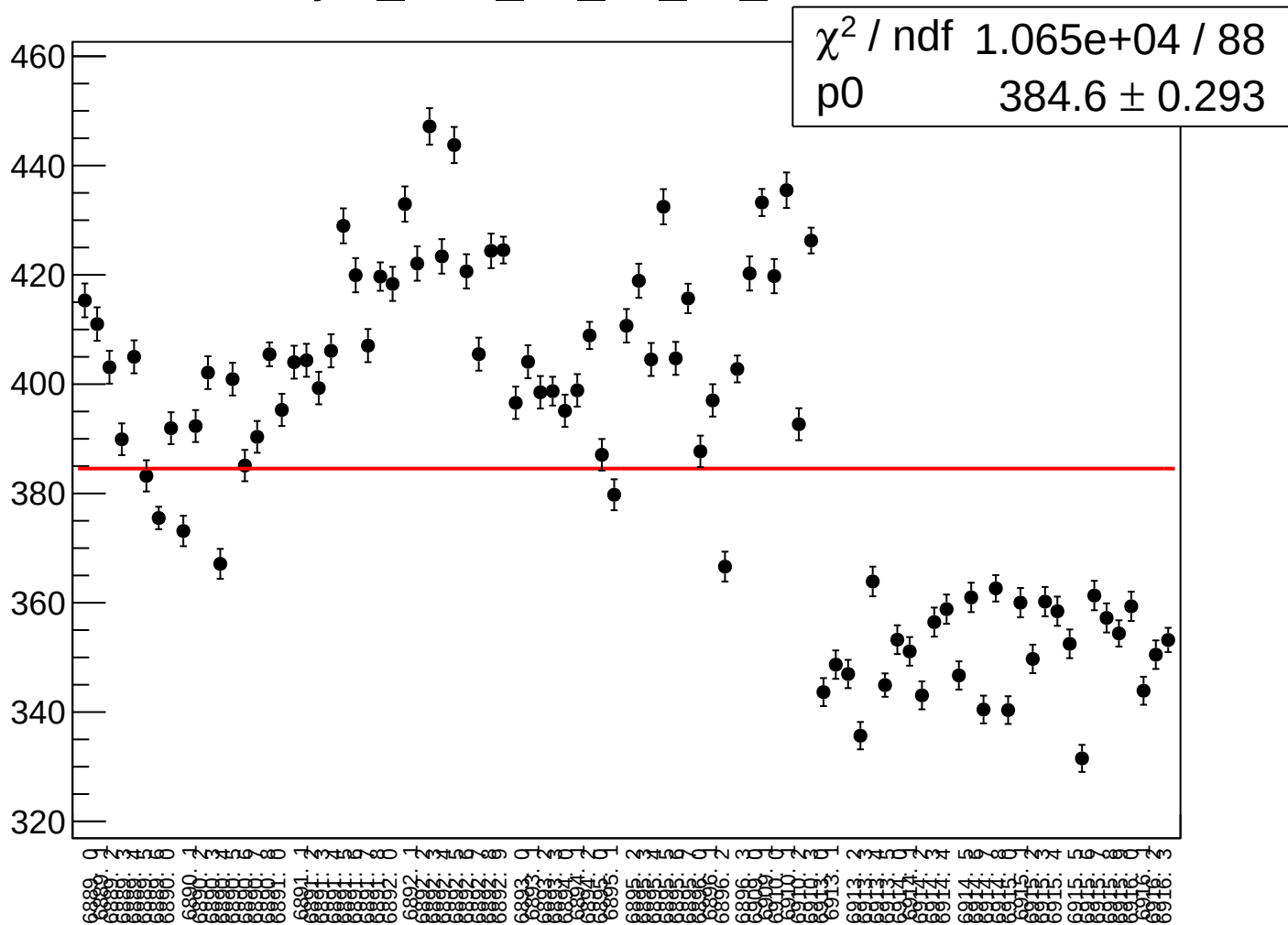
asym_sam_13_57_dd_eigen_dit_correction_rms vs run



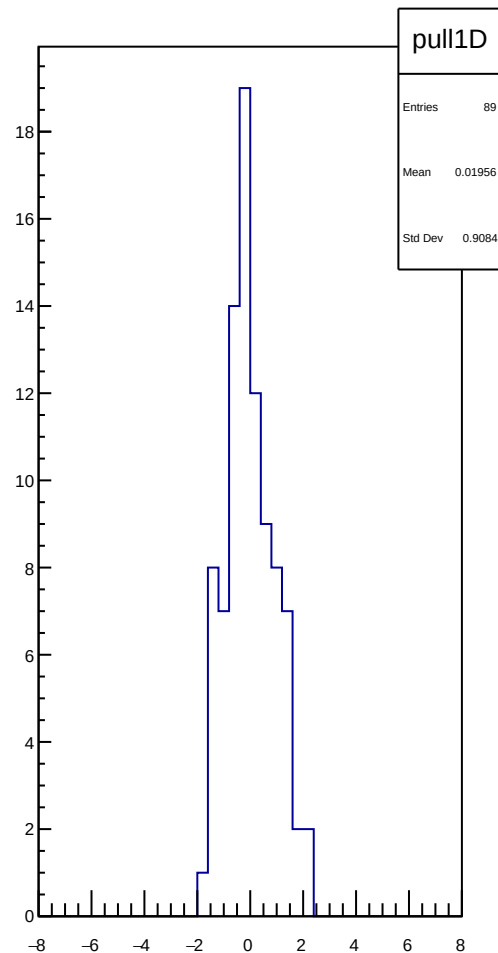
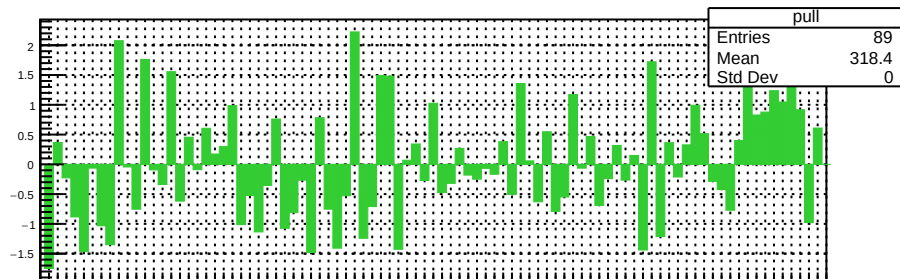
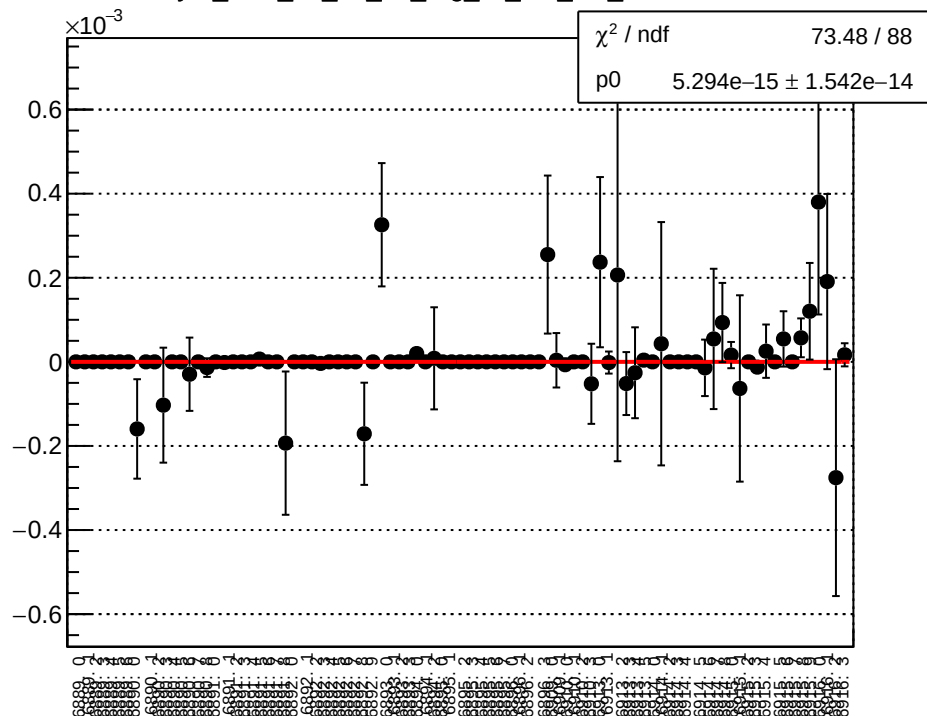
asym_sam_13_57_dd_mean vs run



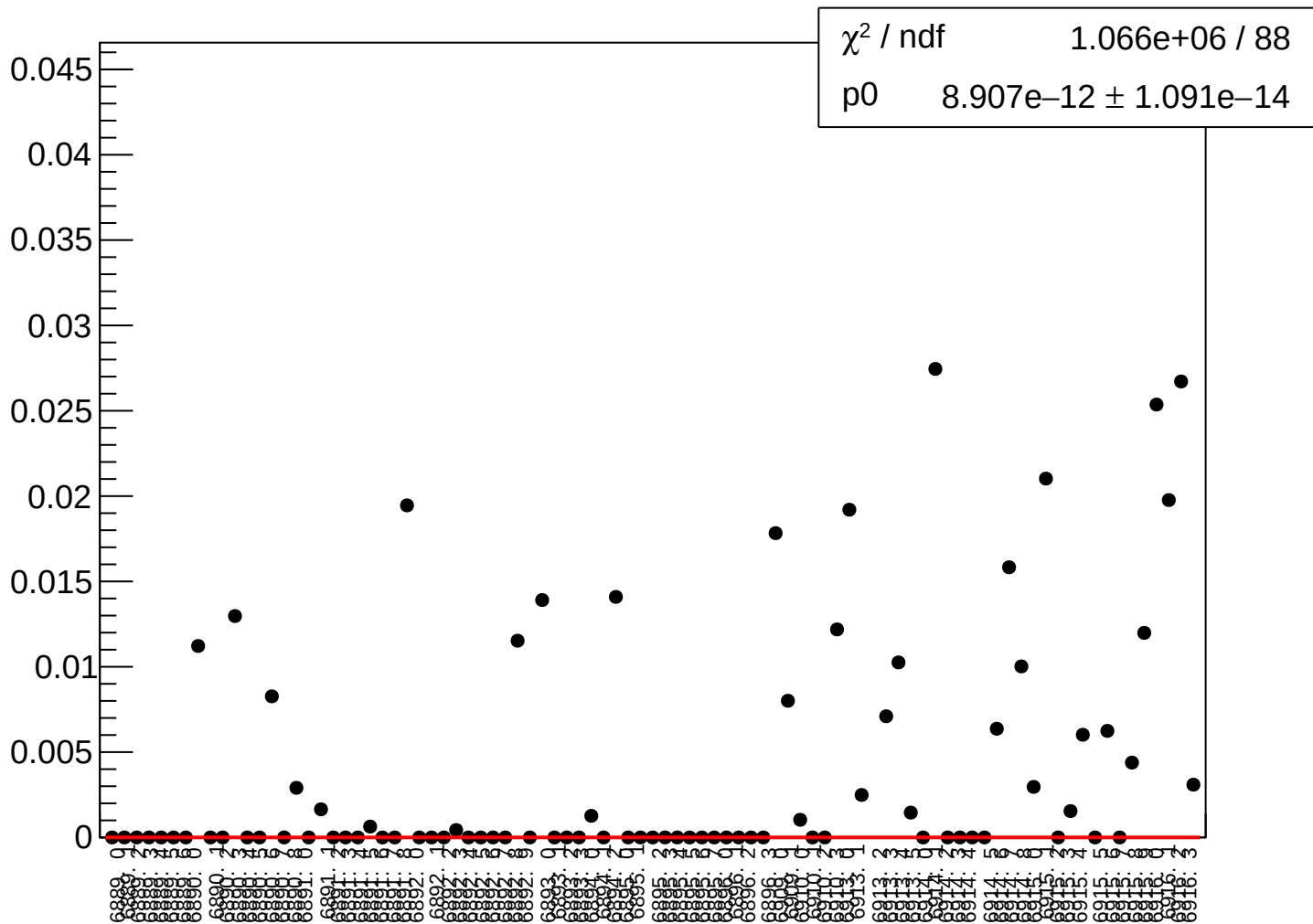
asym_sam_13_57_dd_rms vs run



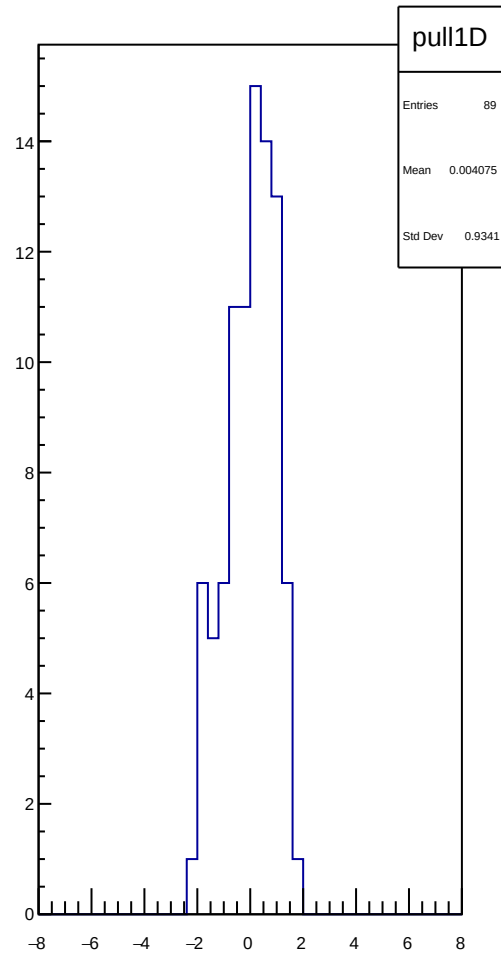
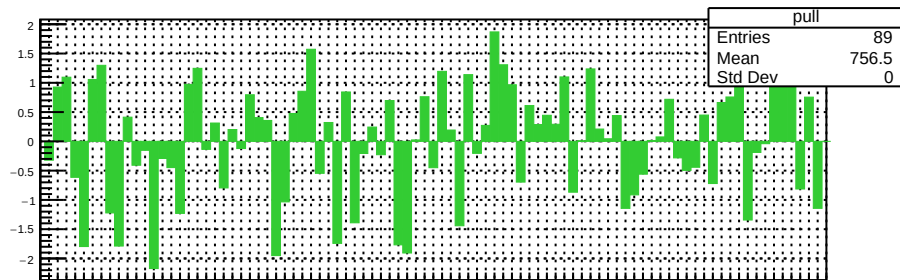
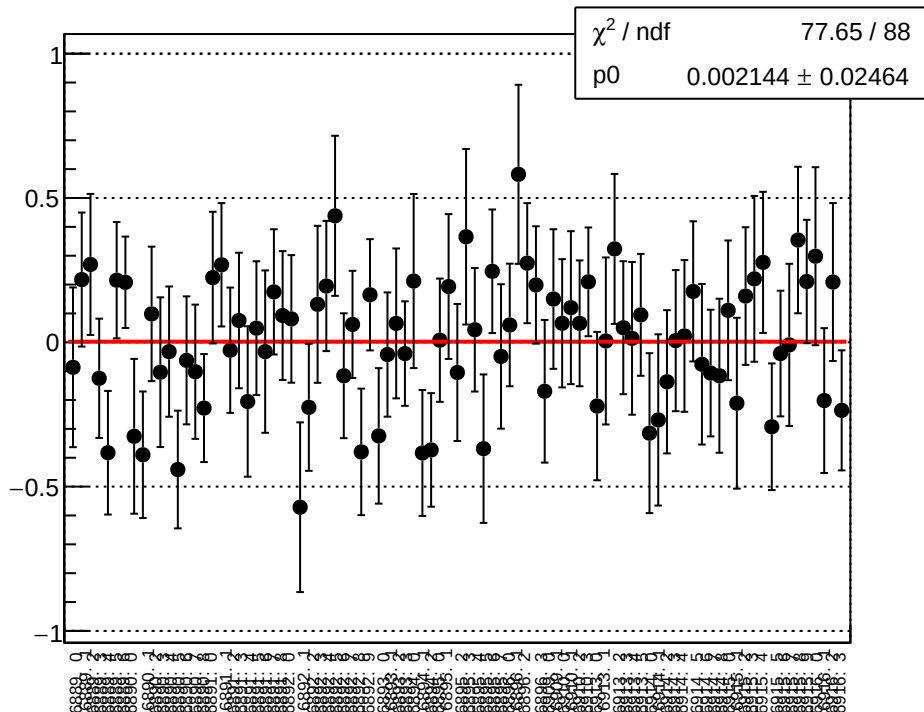
asym_sam_13_57_dd_reg_vs_cor_diff_mean vs run



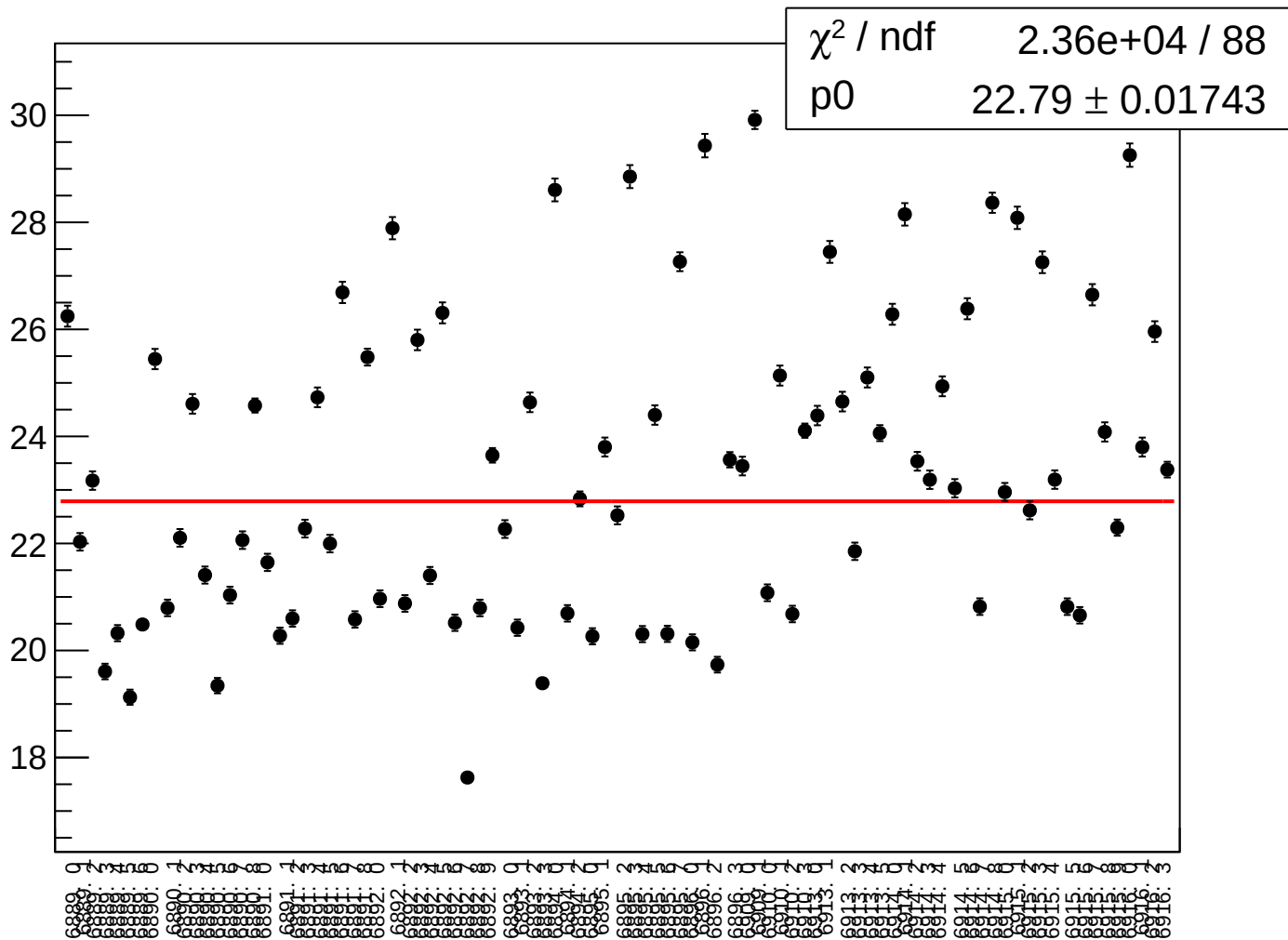
asym_sam_13_57_dd_reg_vs_cor_diff_rms vs run



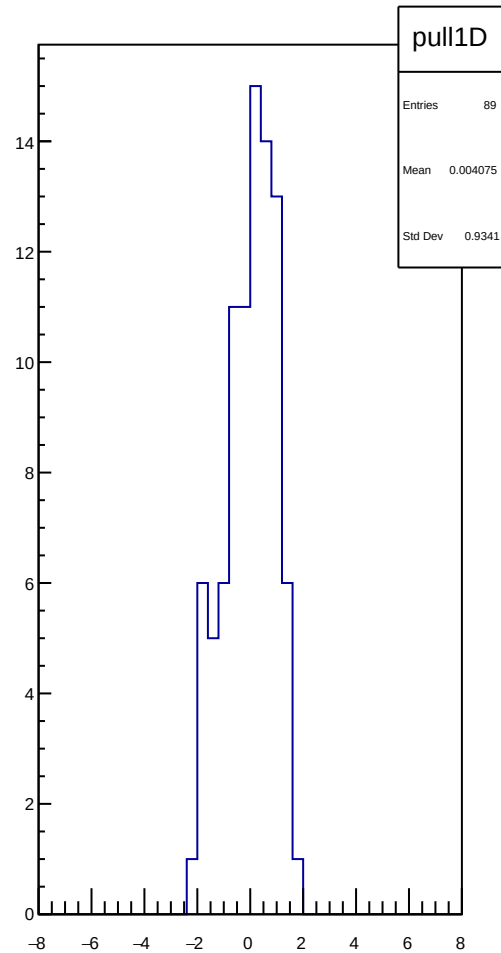
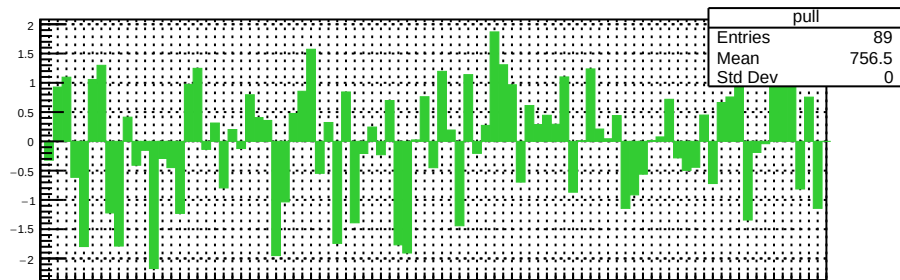
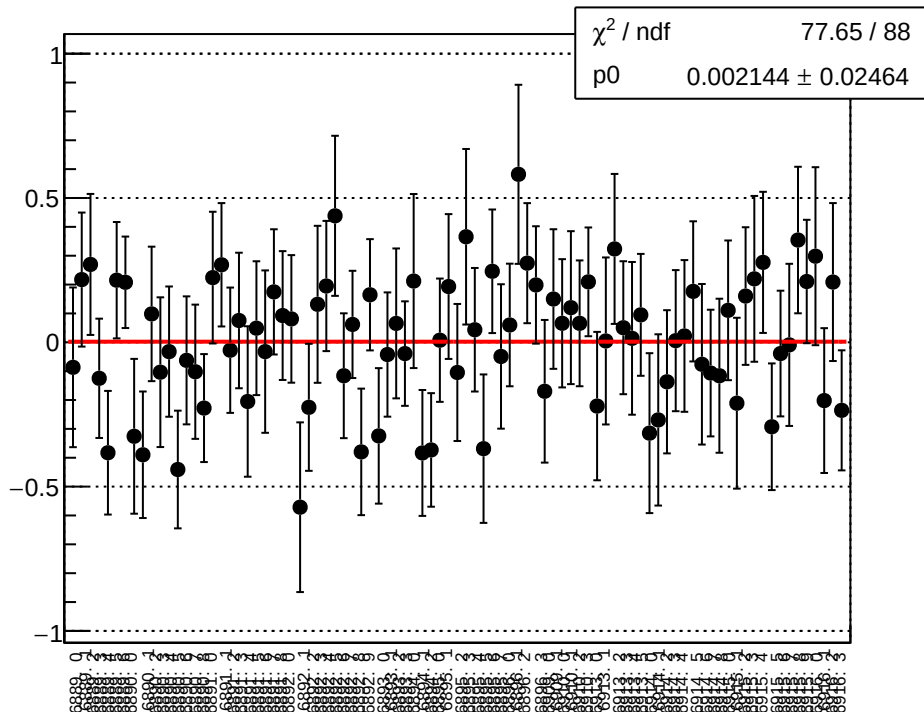
asym_sam_13_57_dd_dit_vs_cor_diff_mean vs run



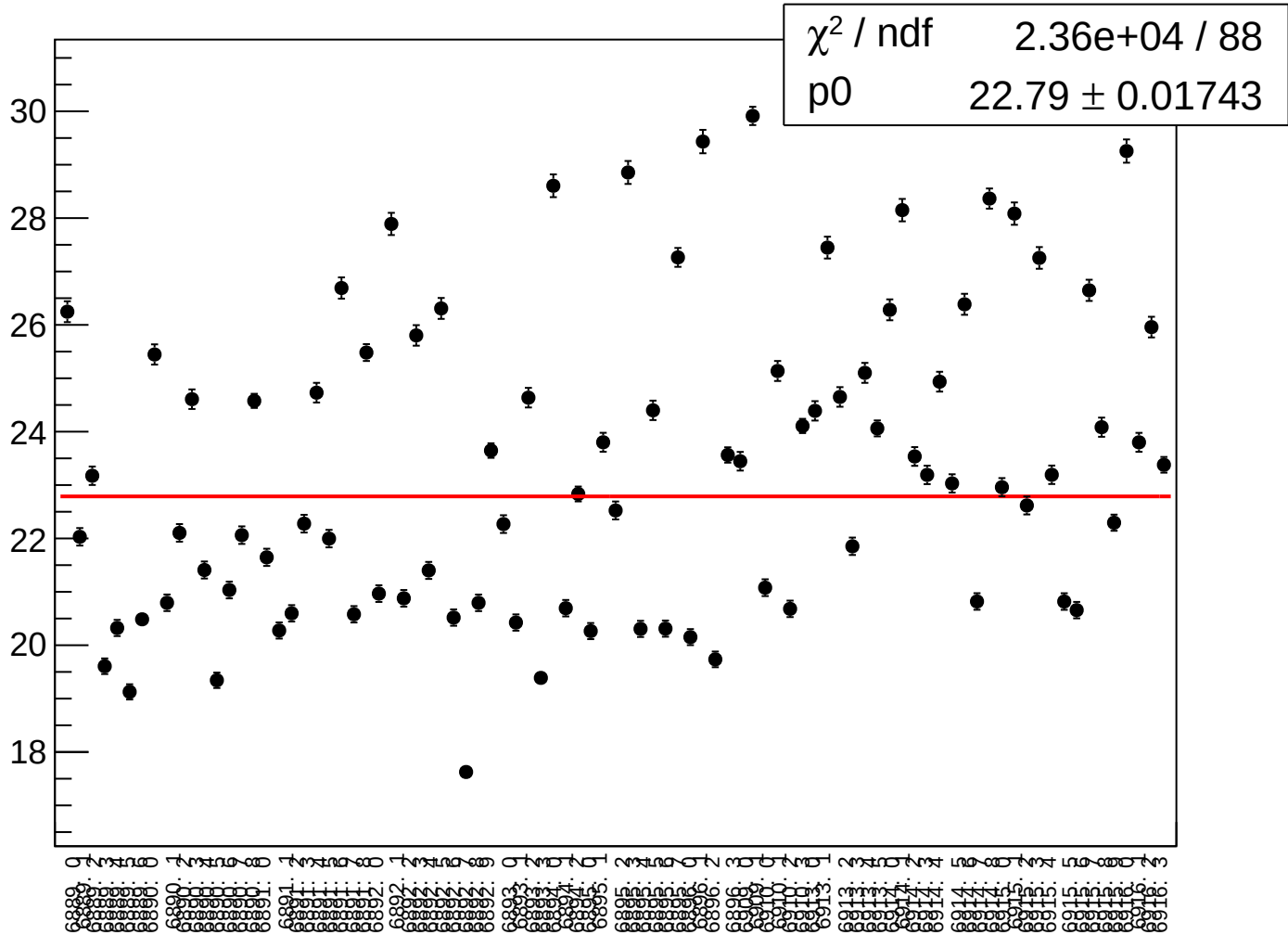
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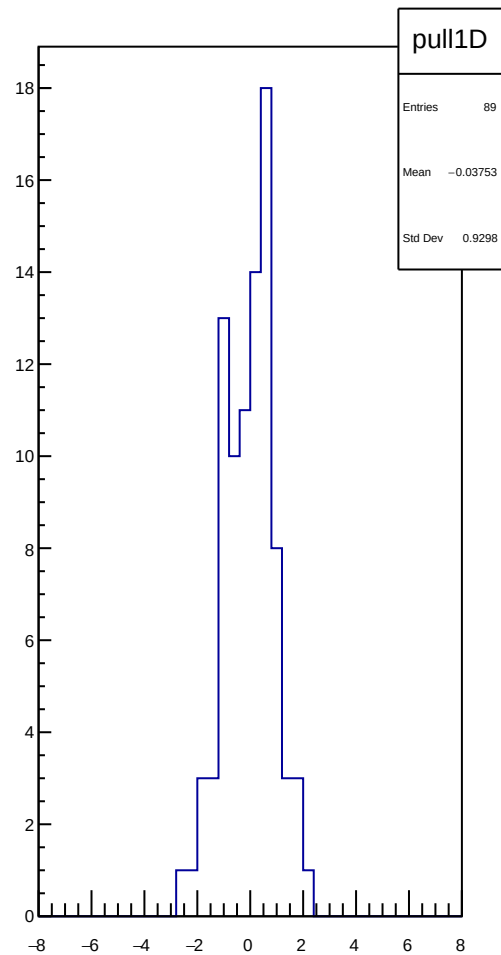
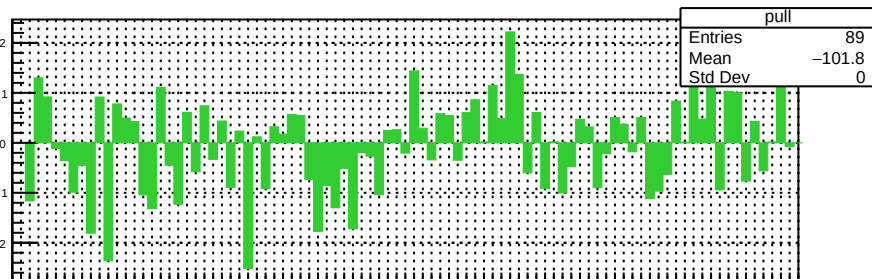
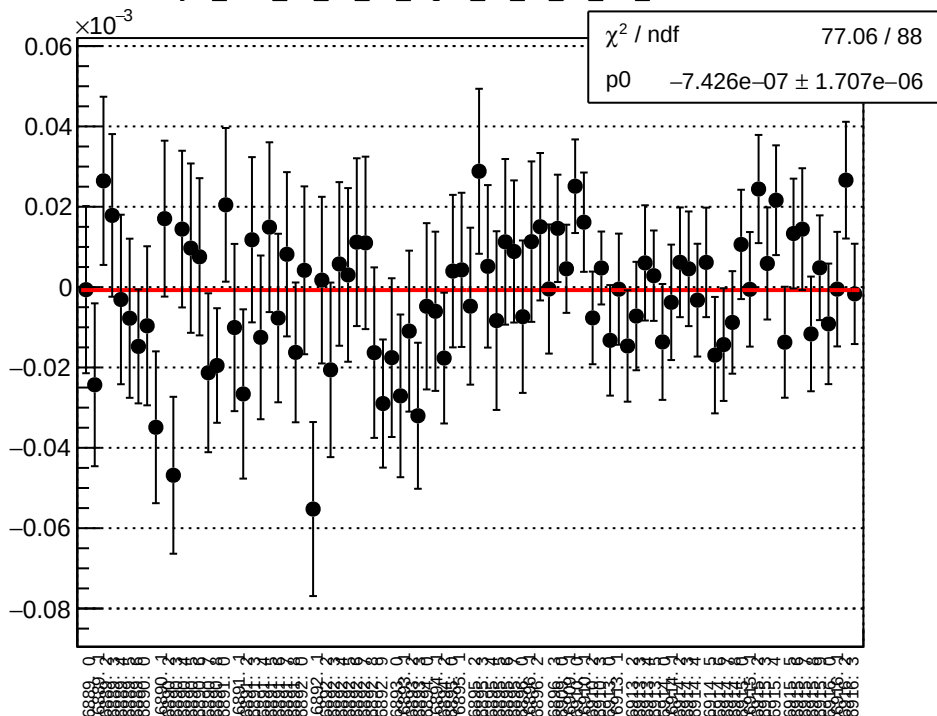
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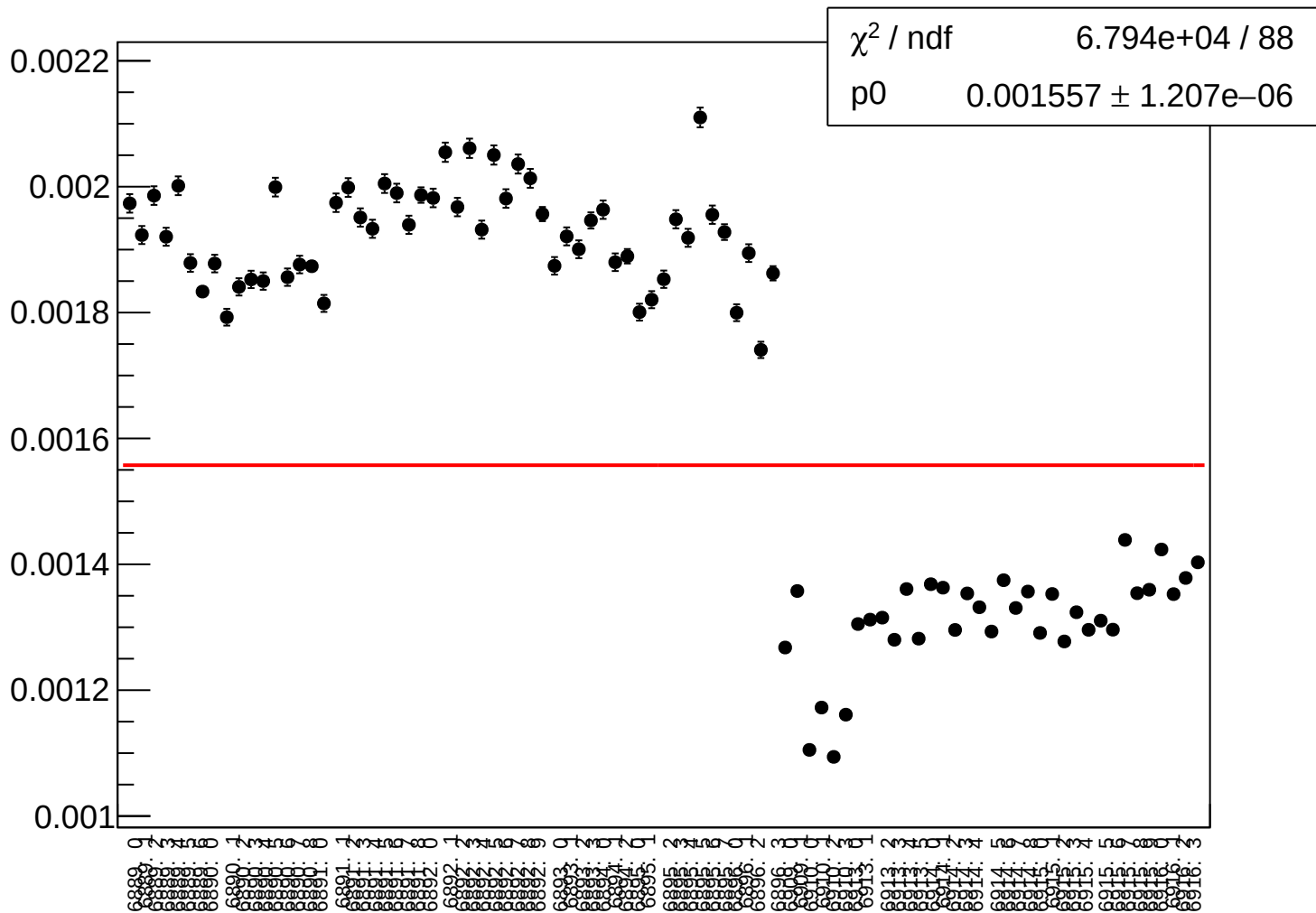
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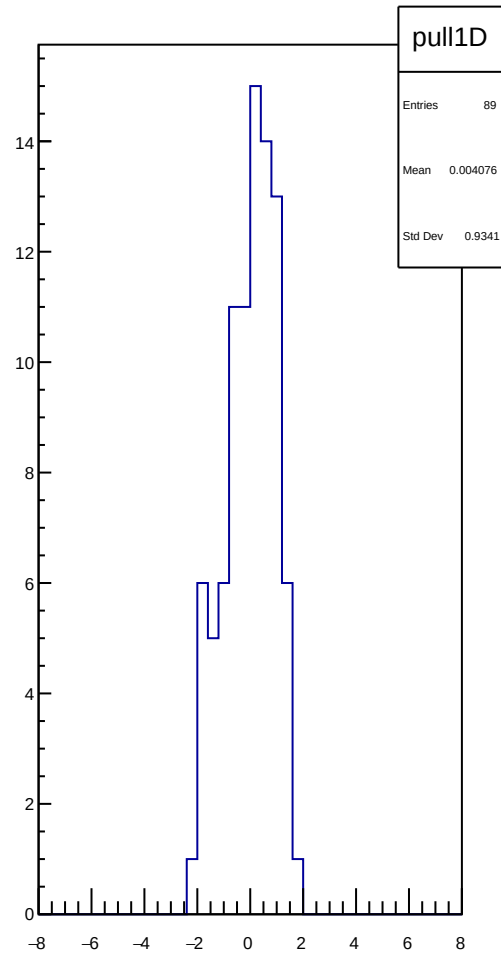
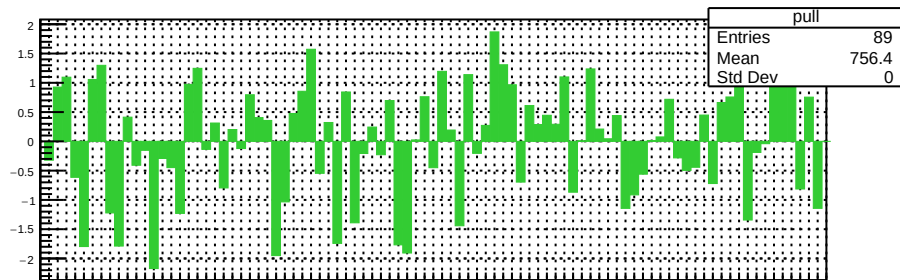
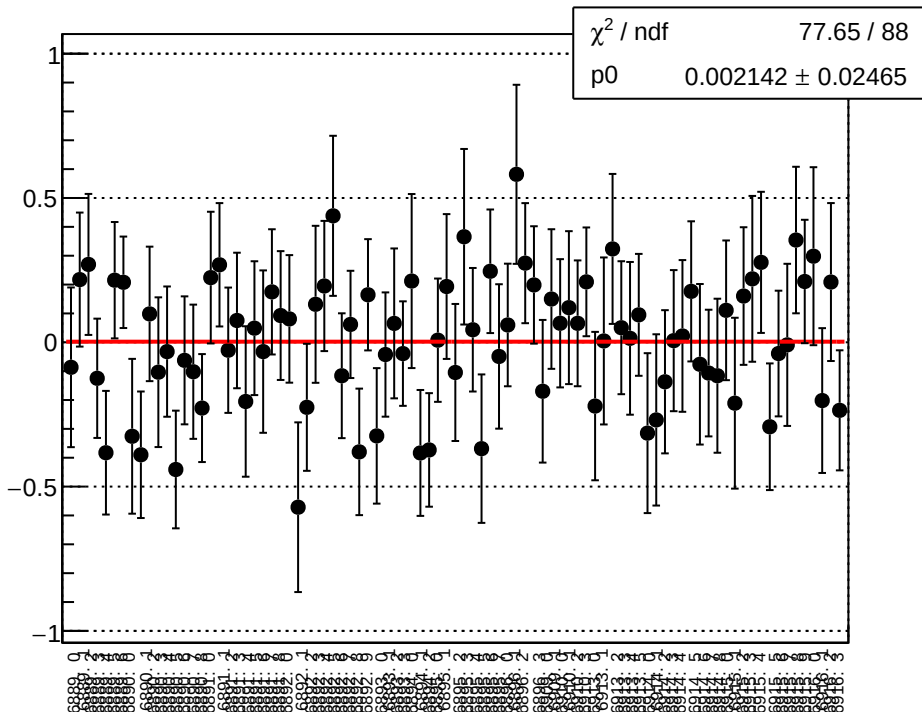
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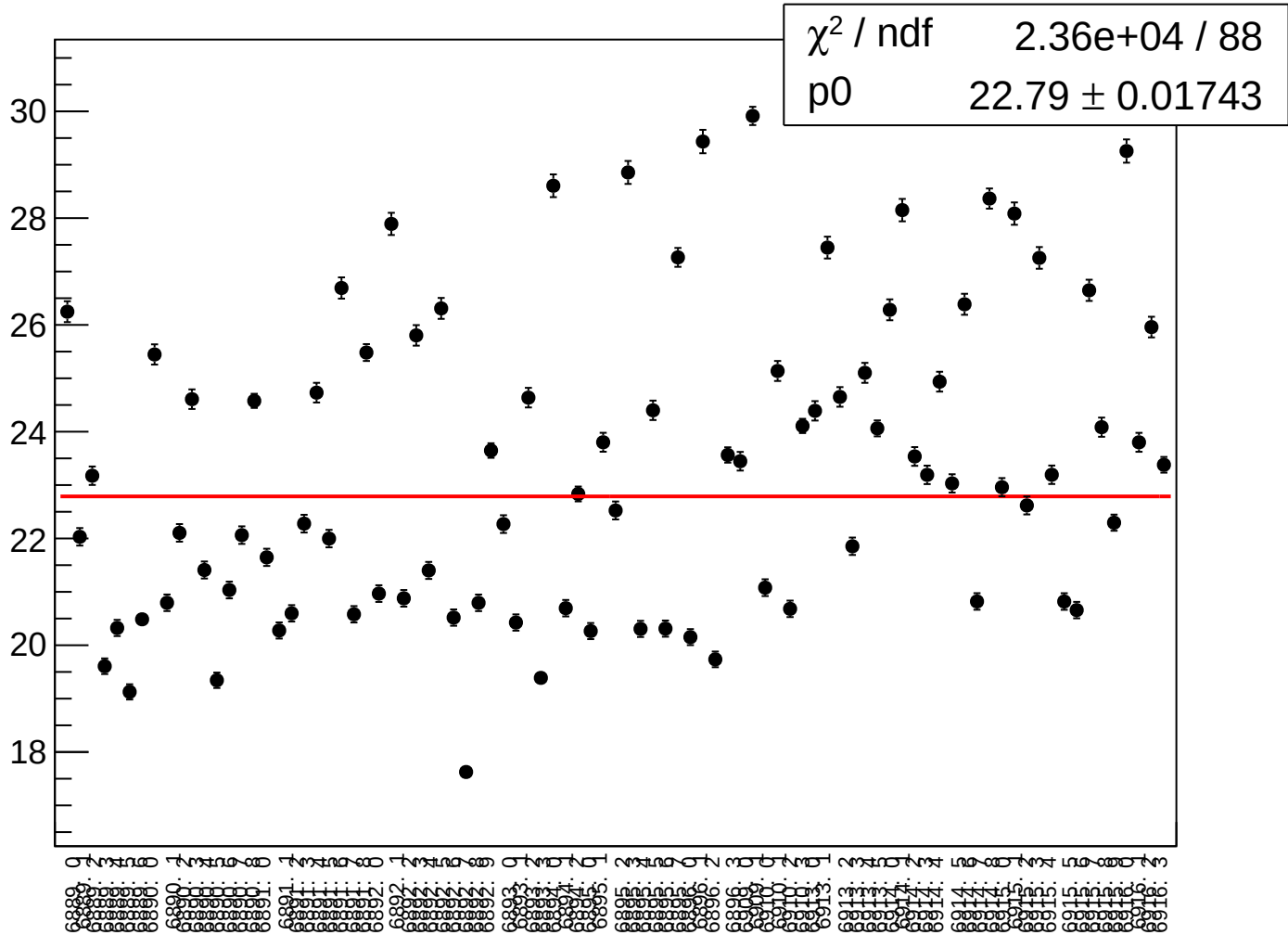
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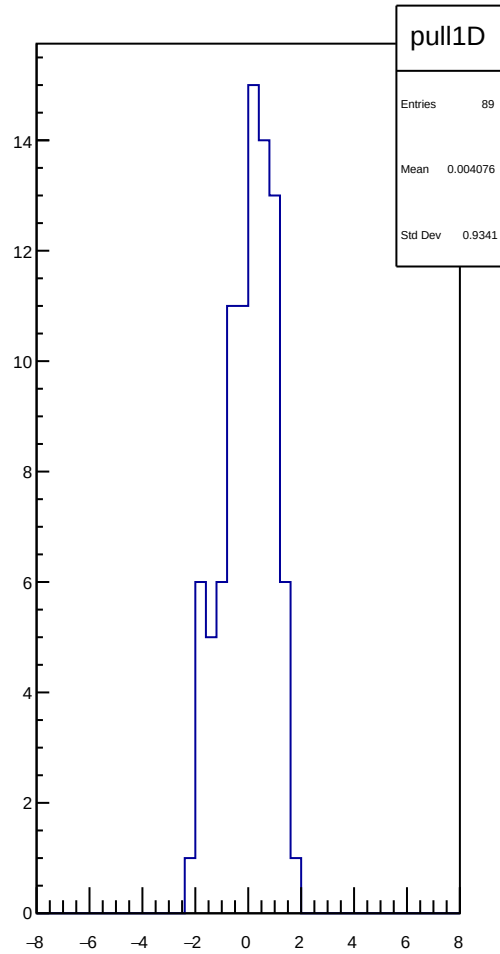
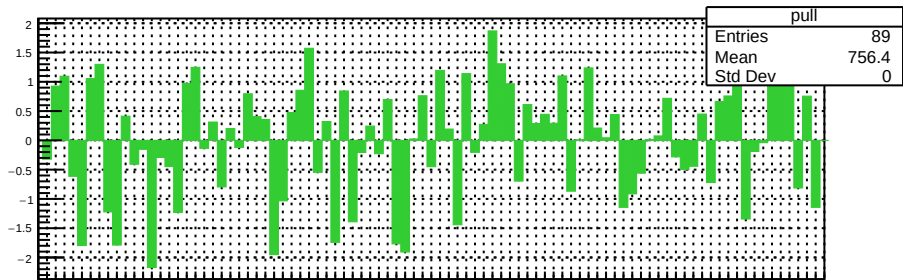
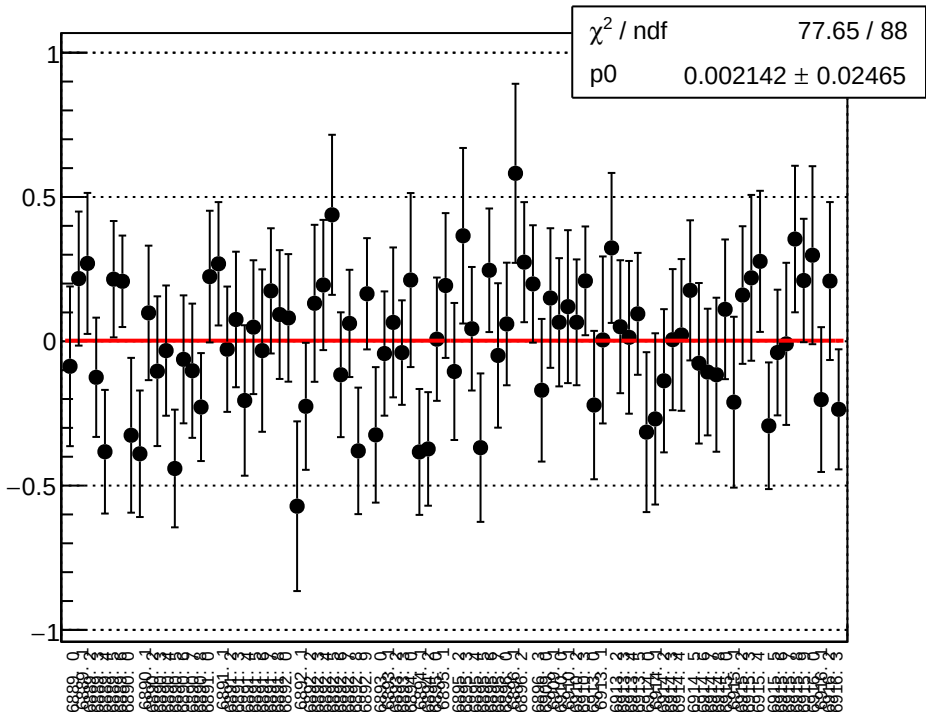
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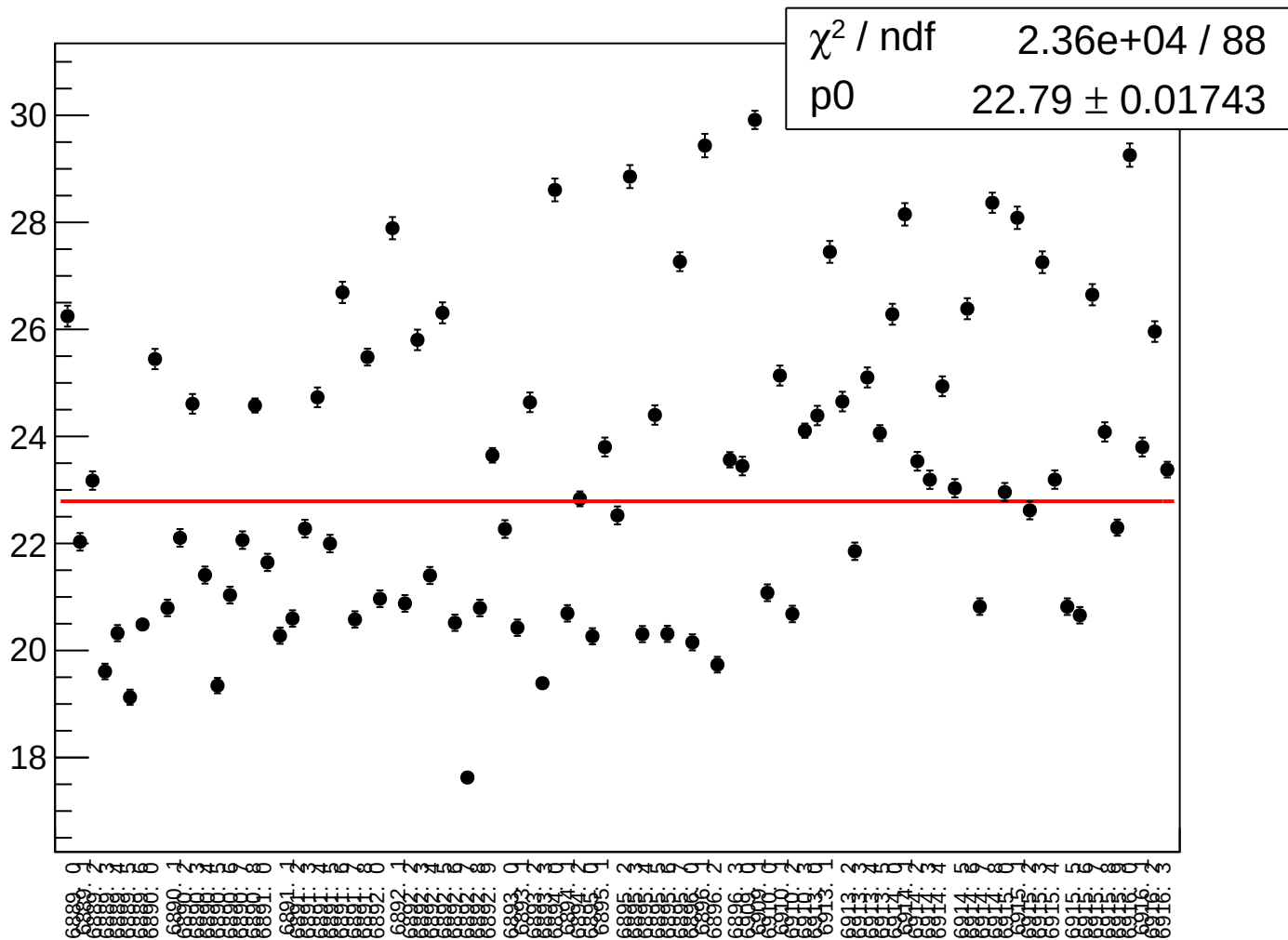
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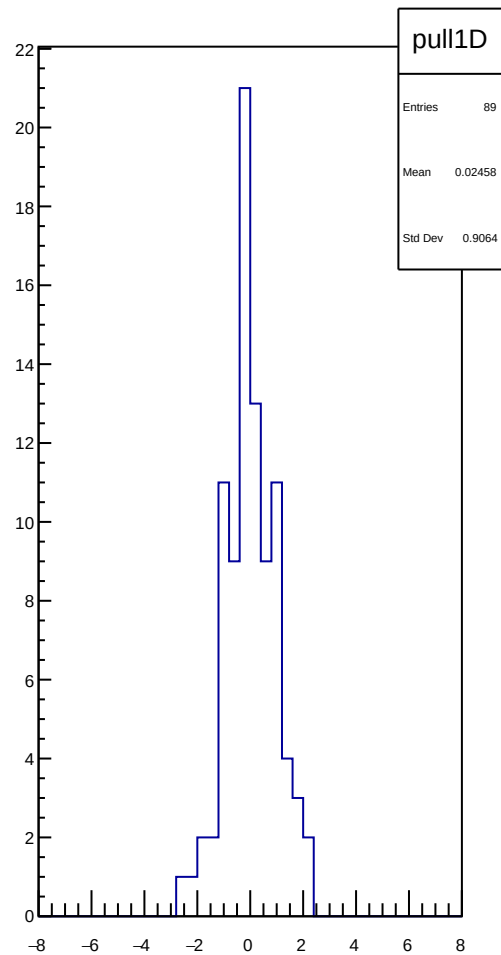
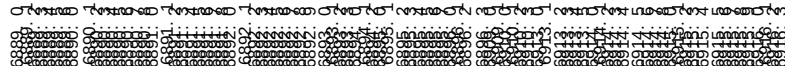
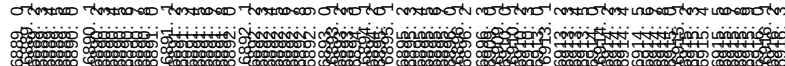


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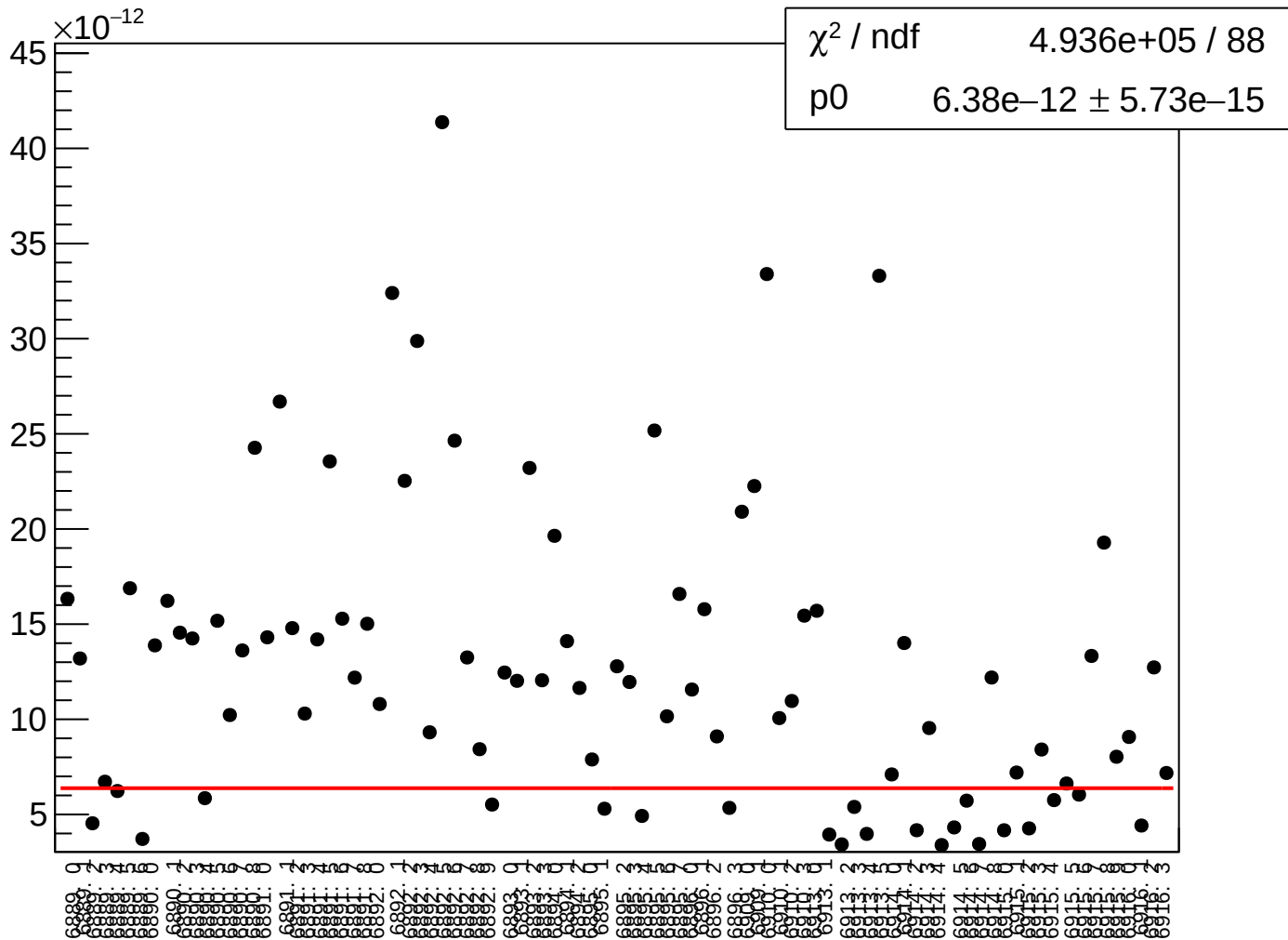


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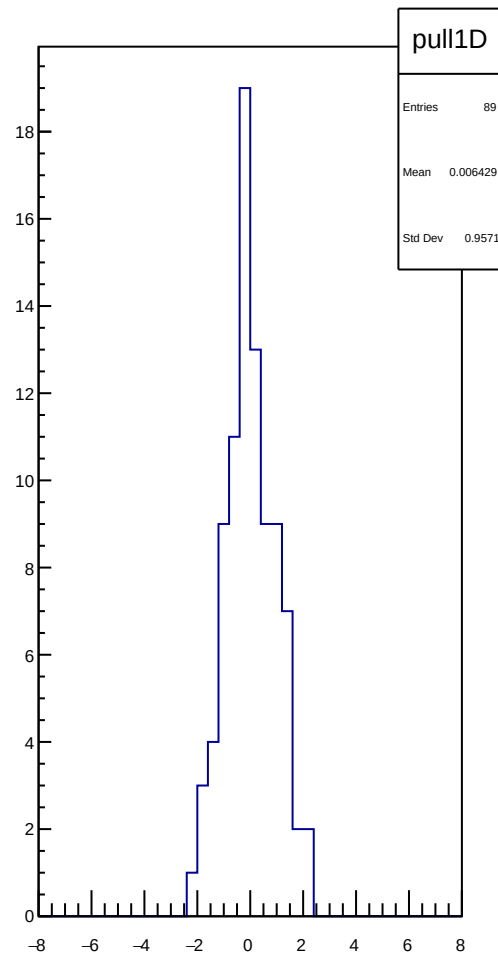
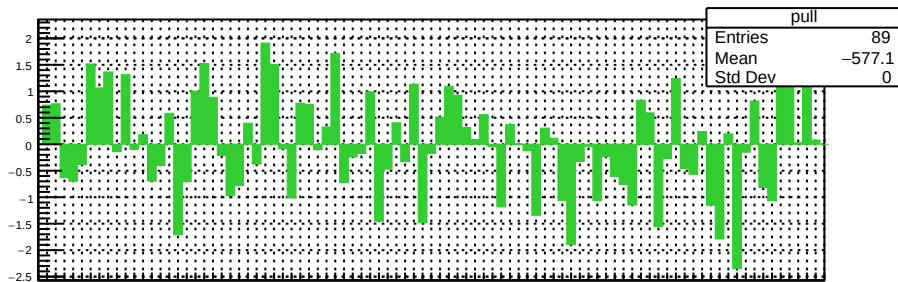
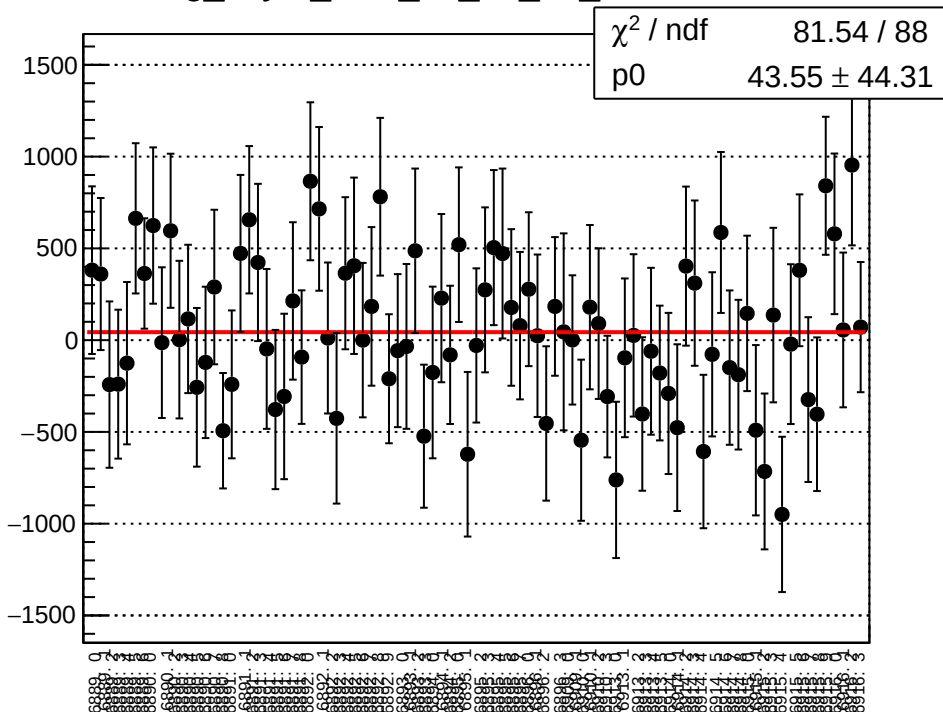


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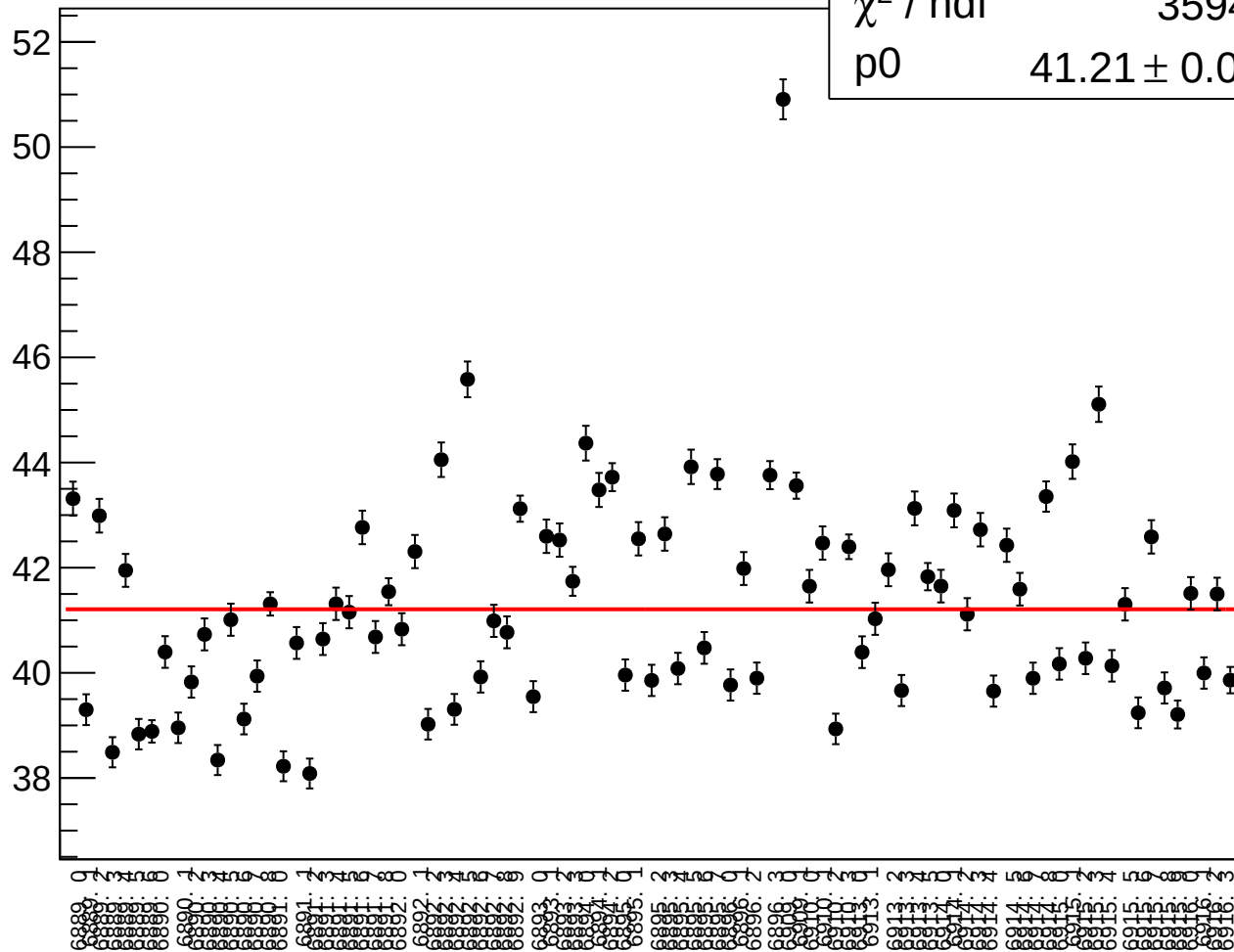
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χ^2 / ndf

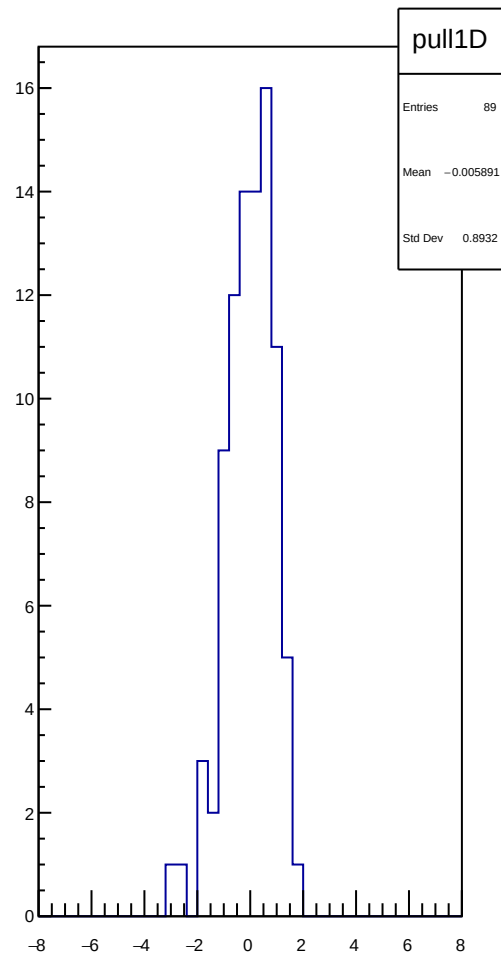
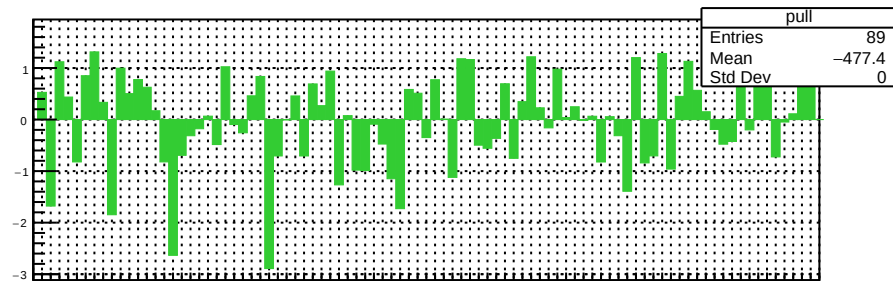
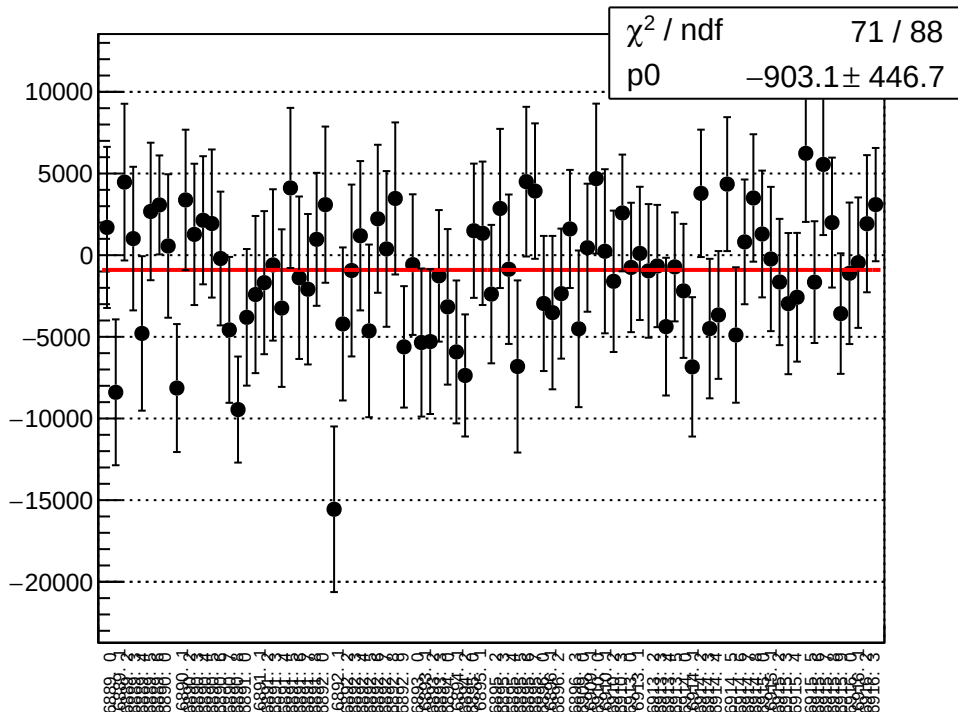
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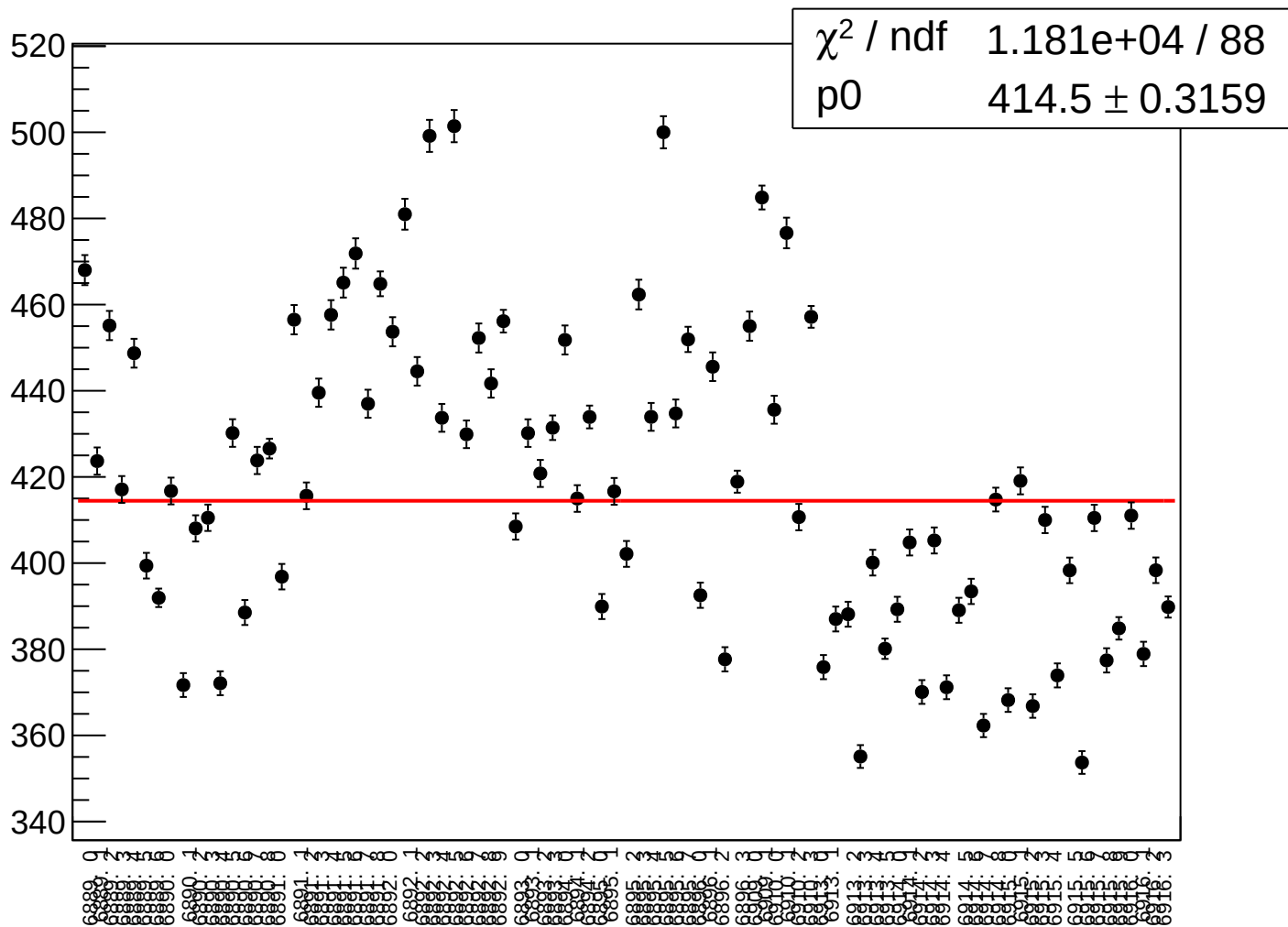
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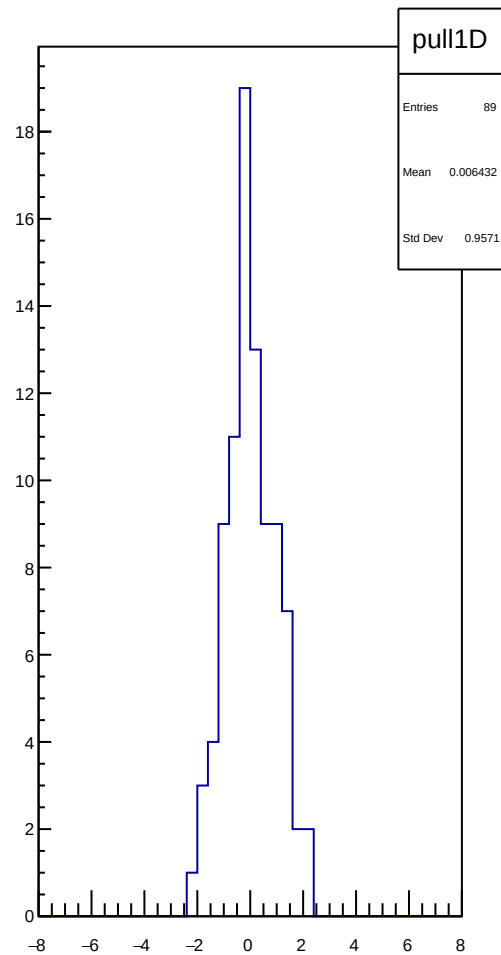
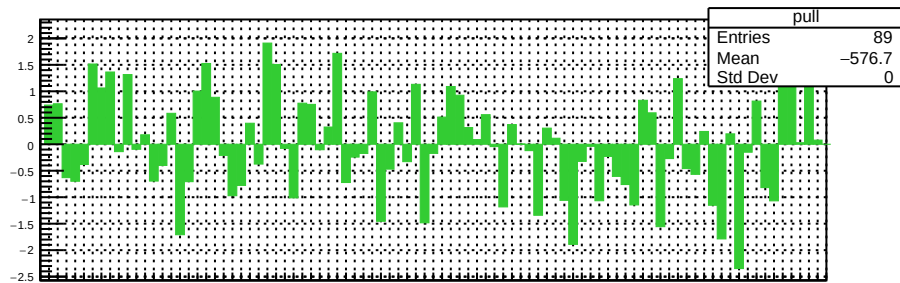
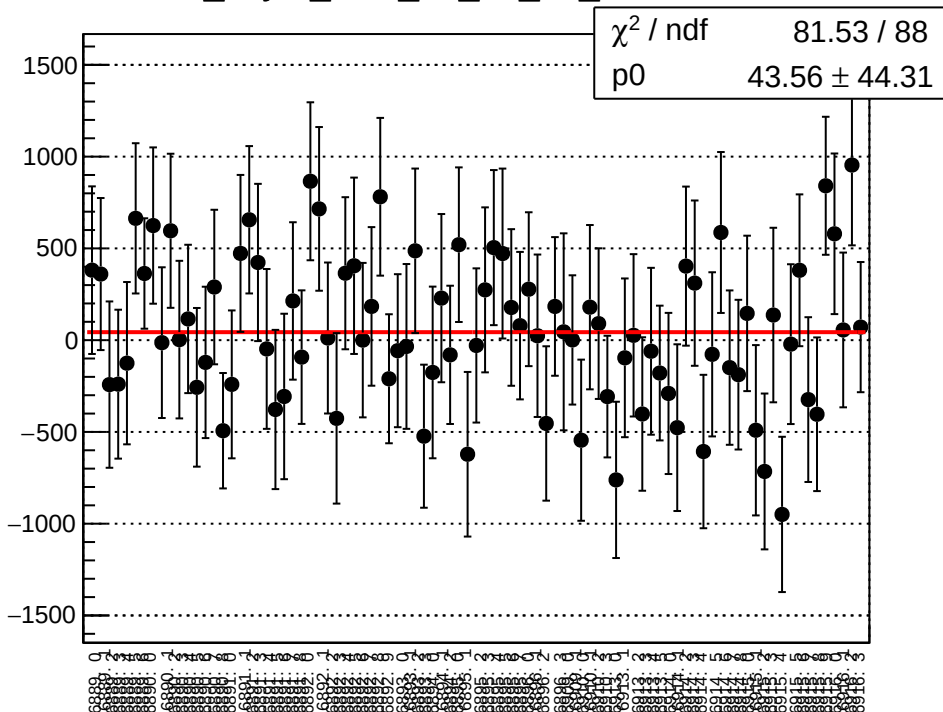
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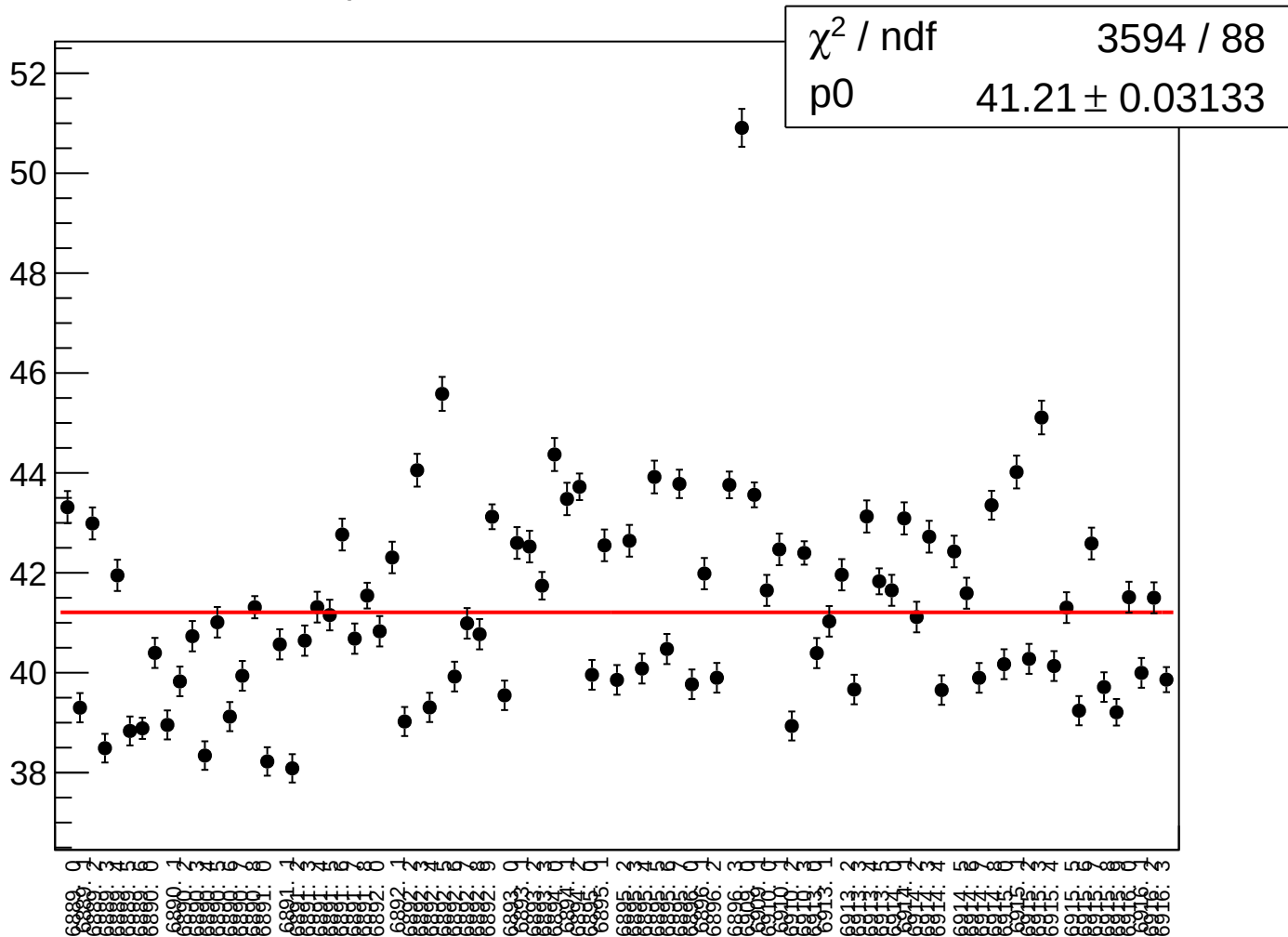
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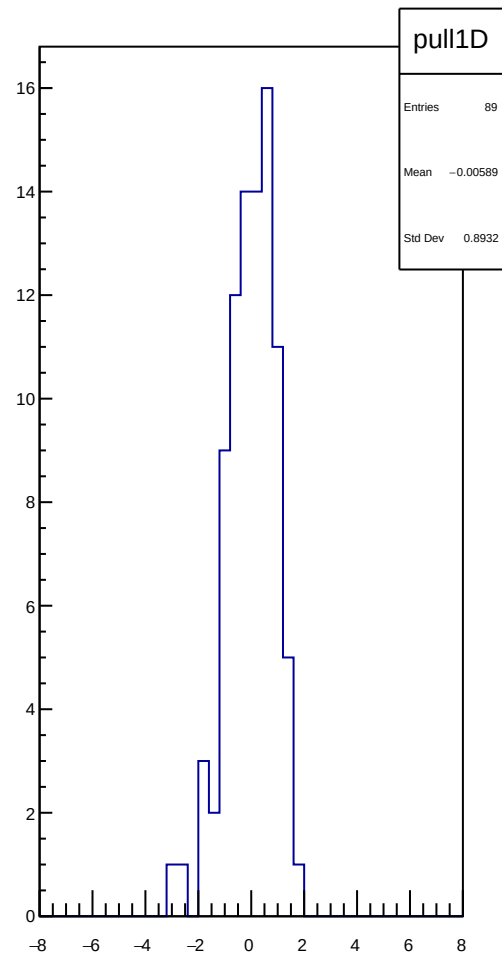
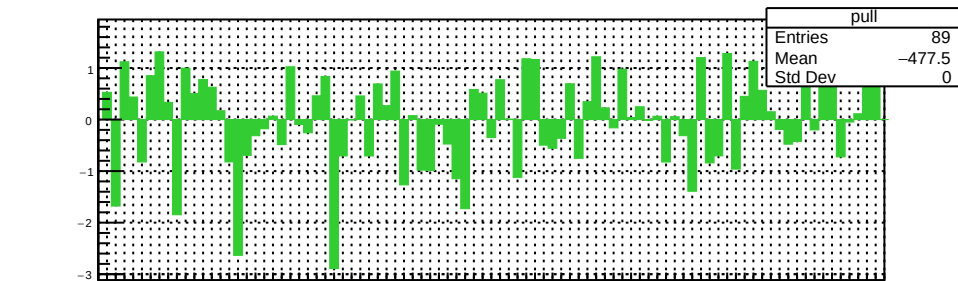
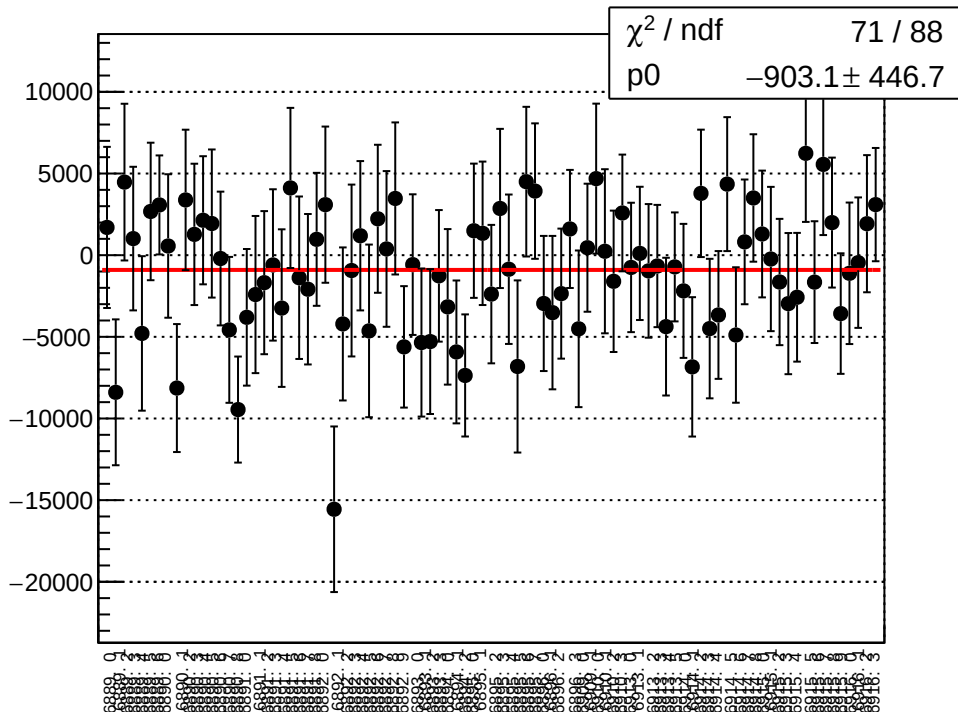
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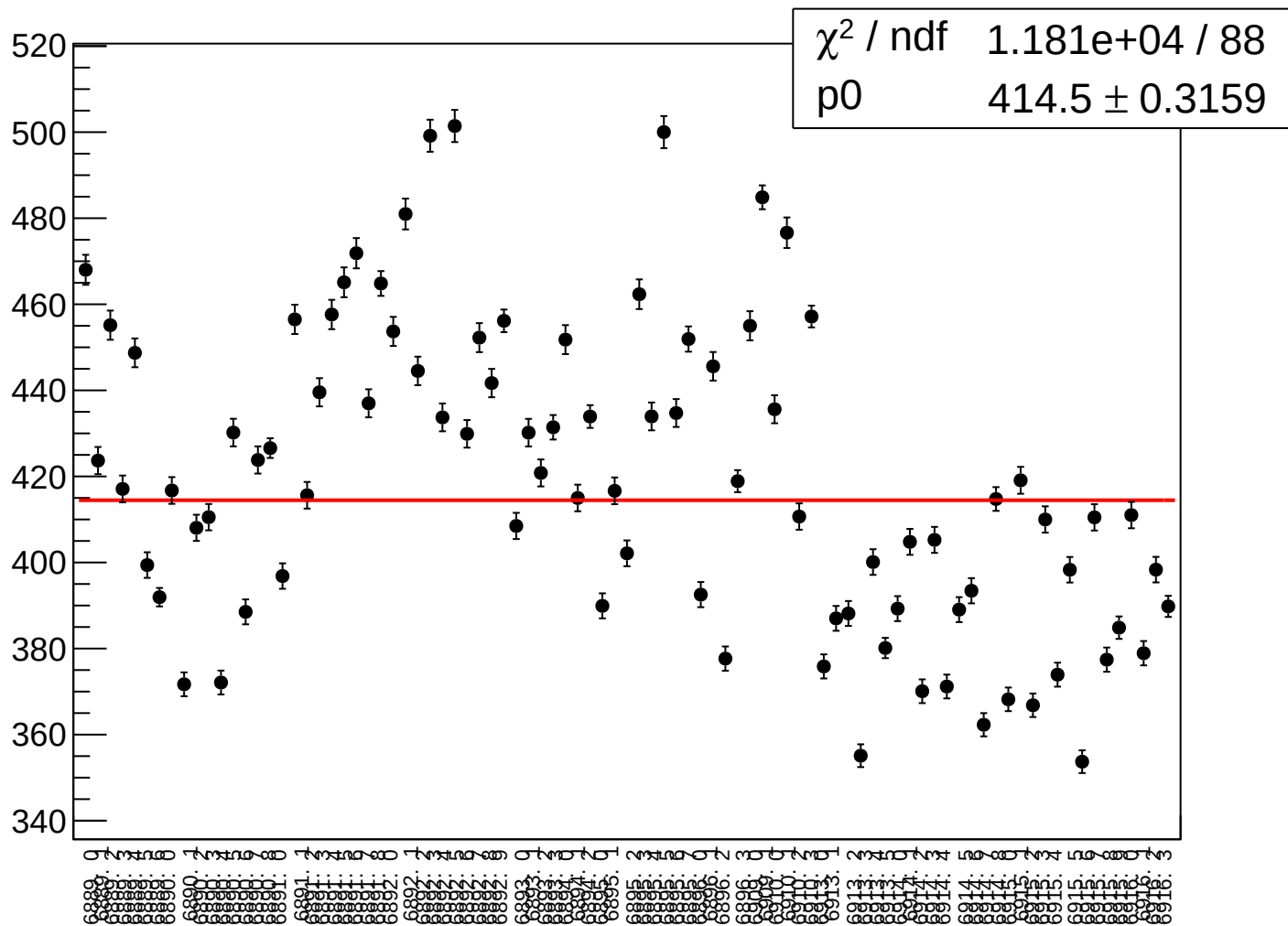
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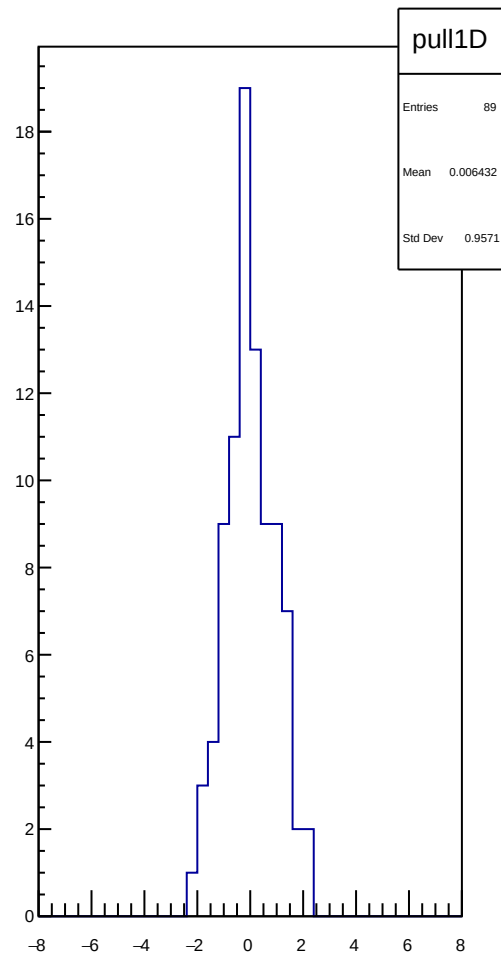
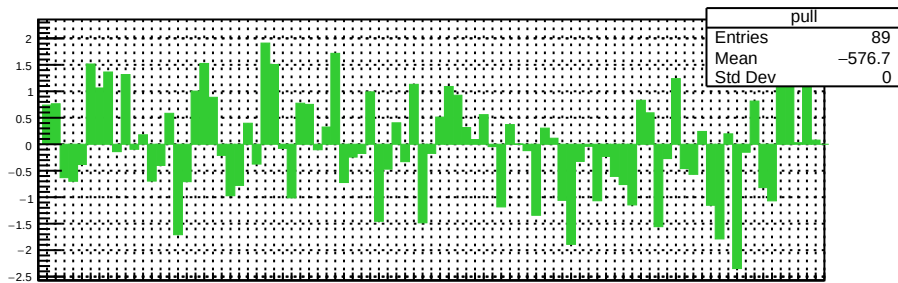
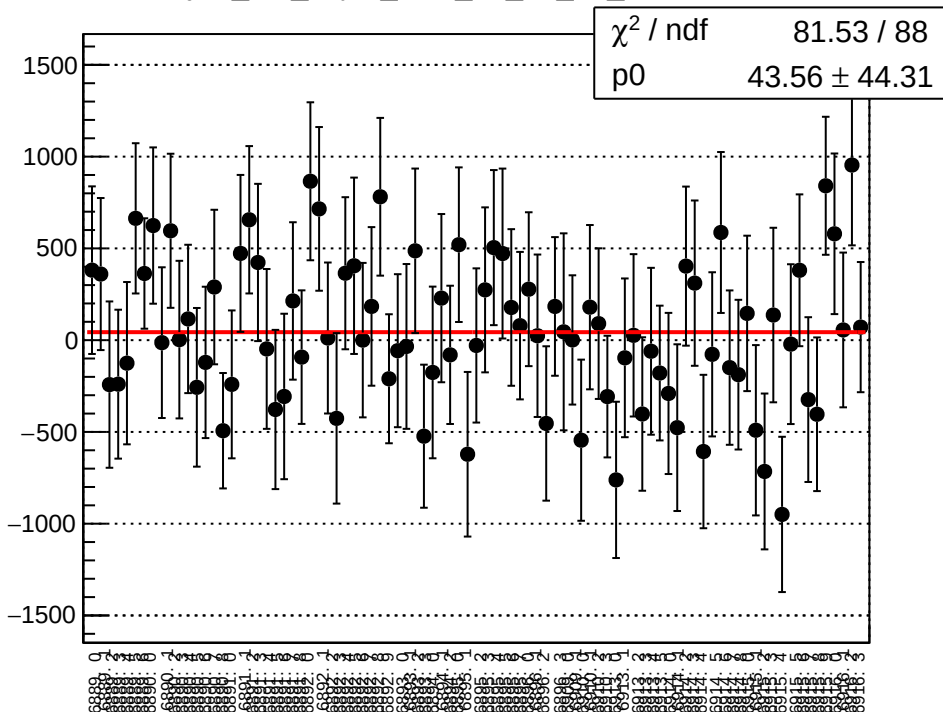
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eigen_cor_asym_sam_15_37_dd_mean vs run



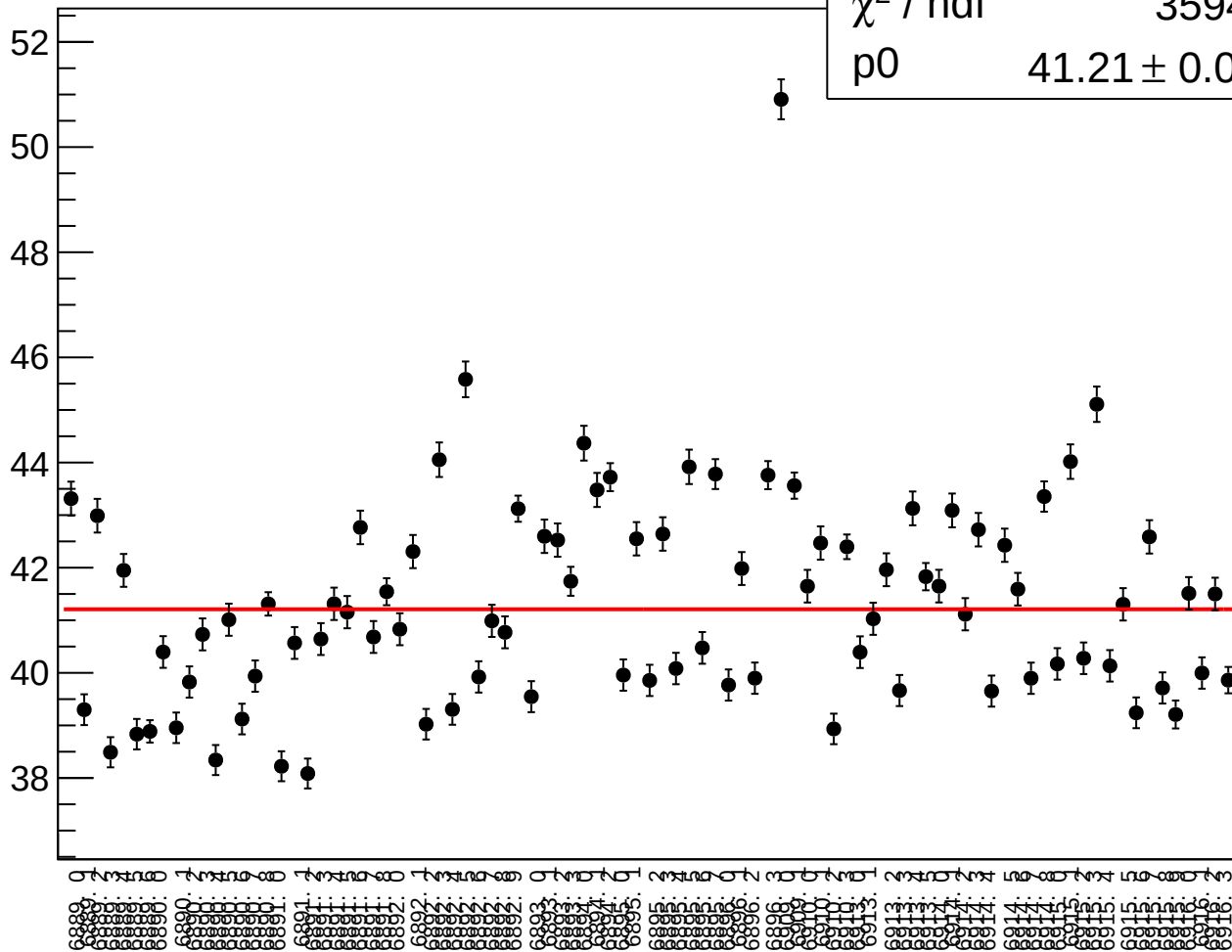
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χ^2 / ndf

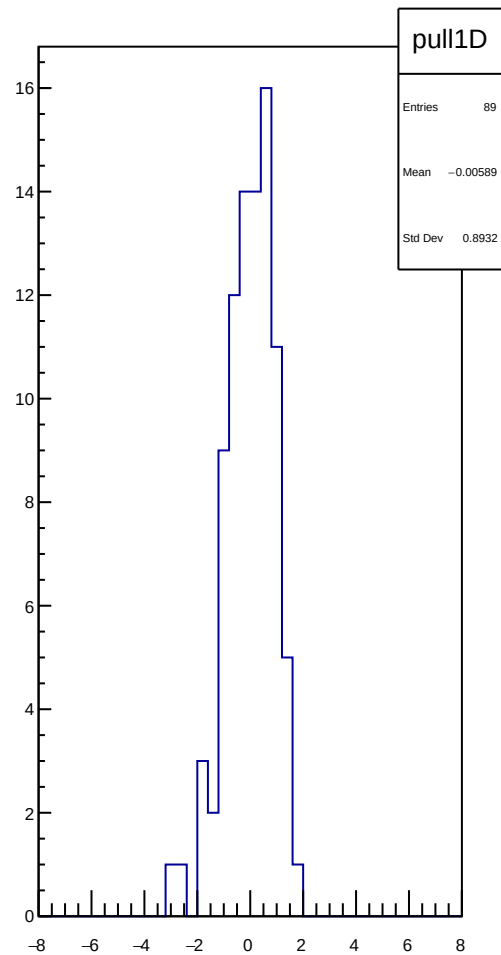
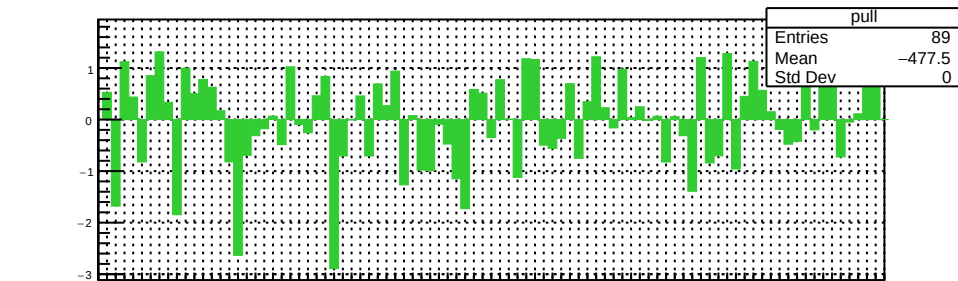
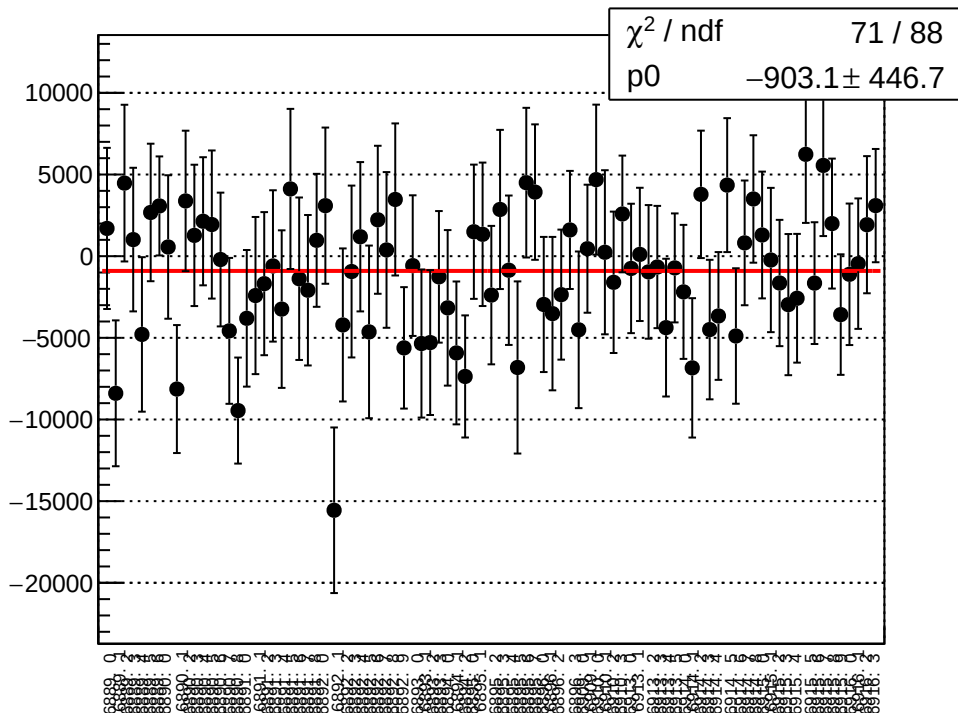
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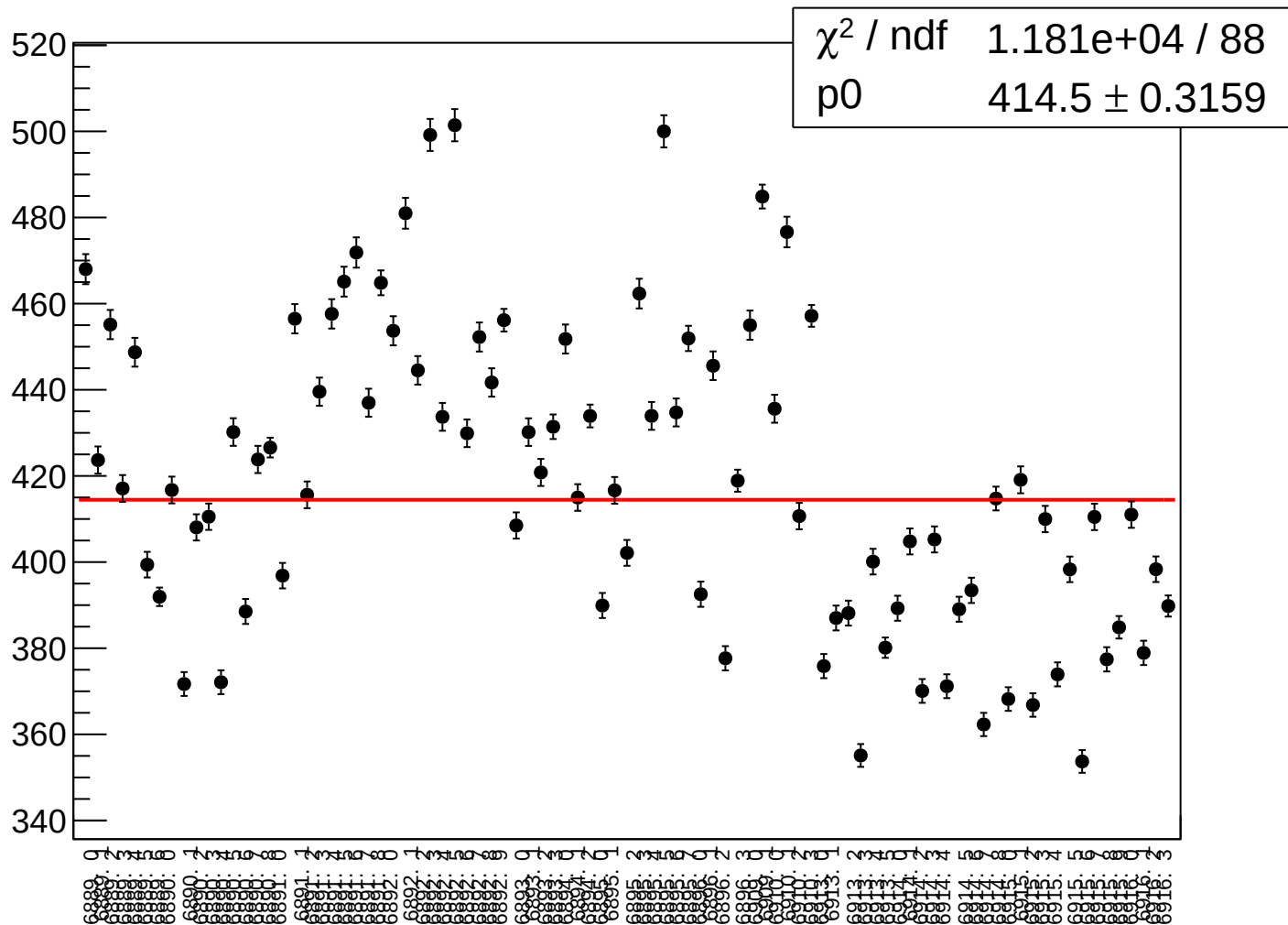
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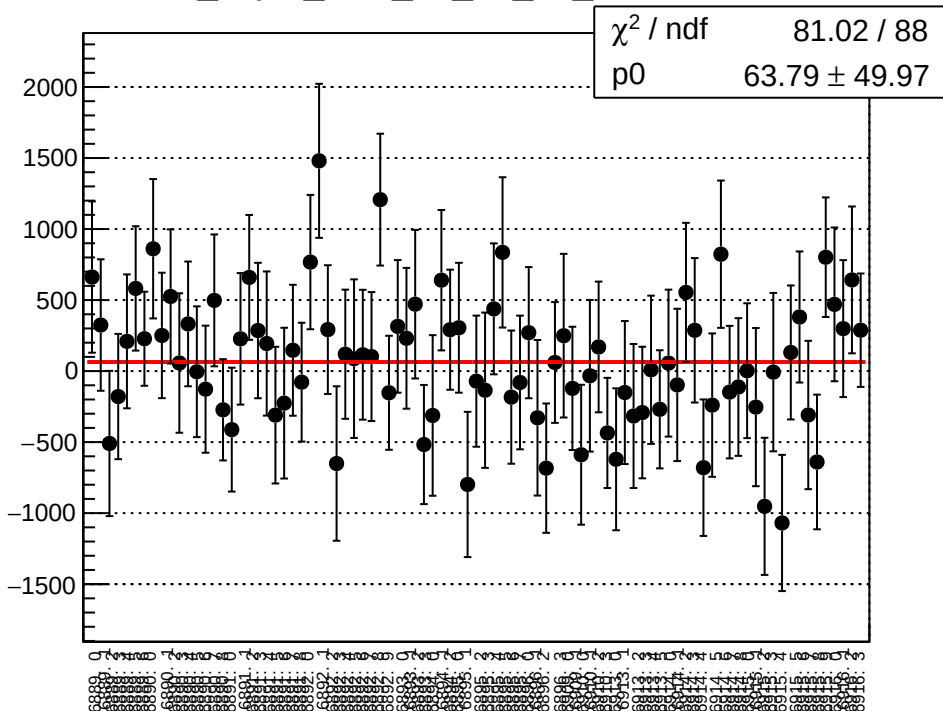
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dit_asym_sam_15_37_dd_mean vs run



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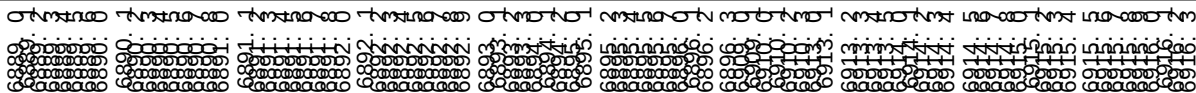
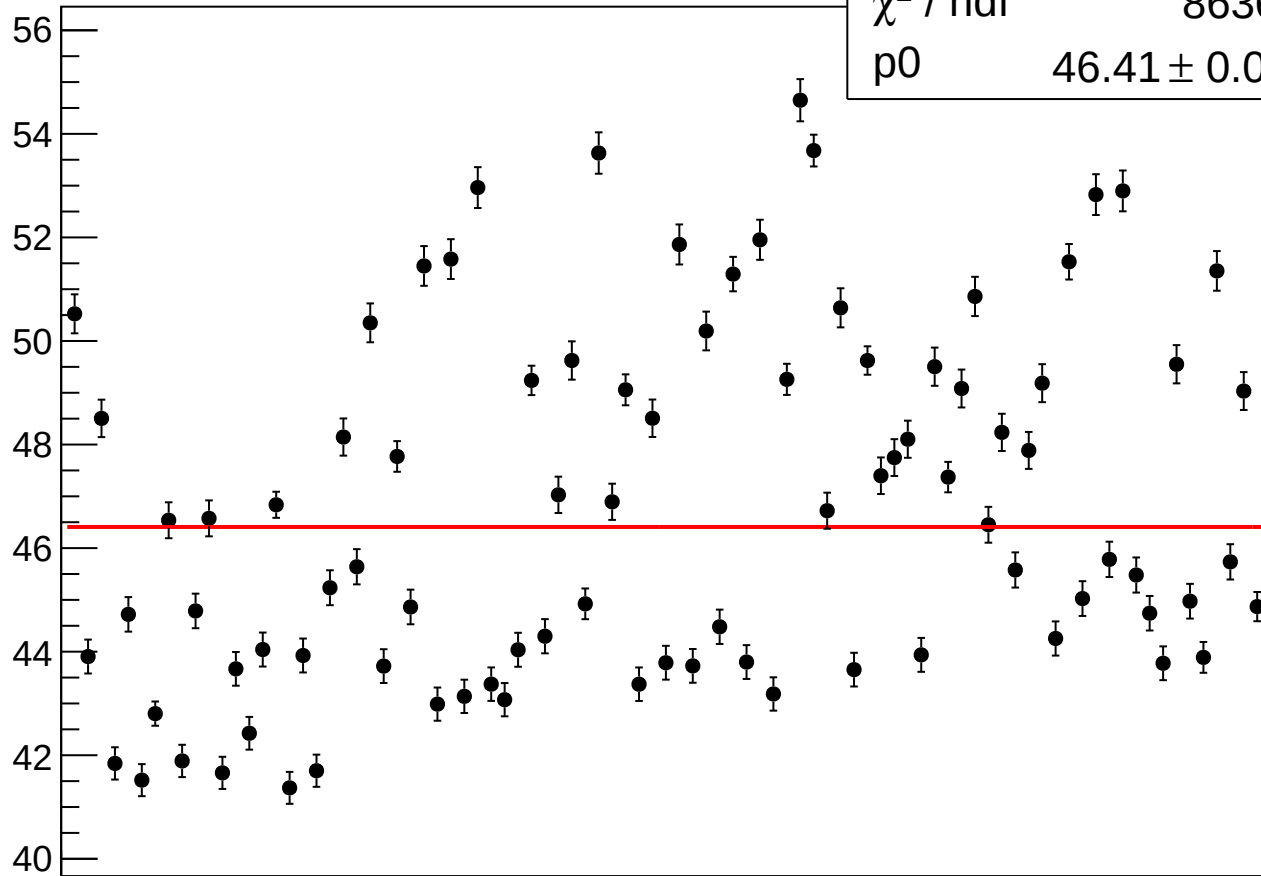
dit_asym_sam_15_37_dd_rms vs run

χ^2 / ndf

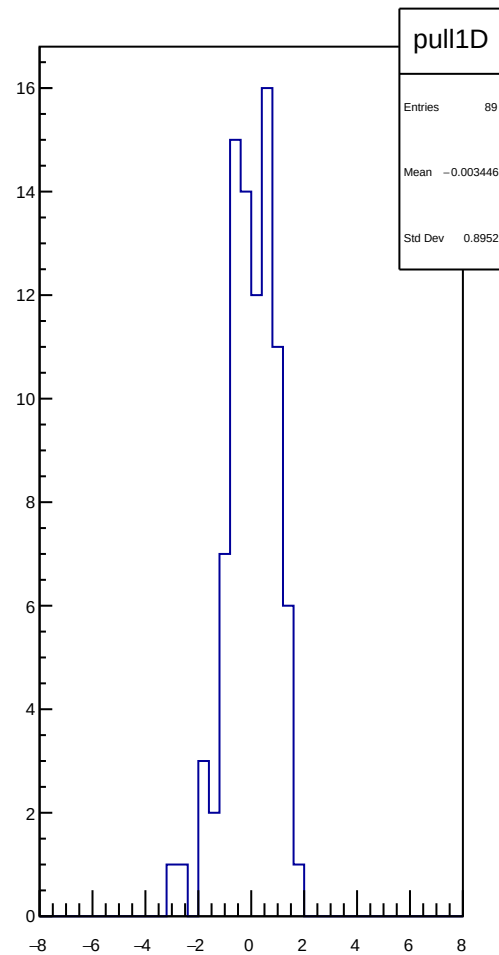
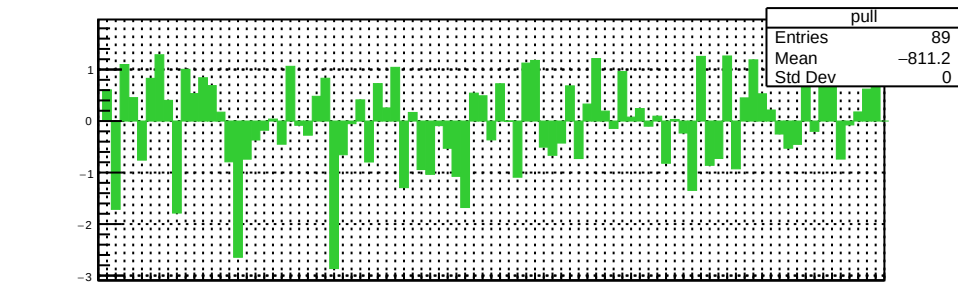
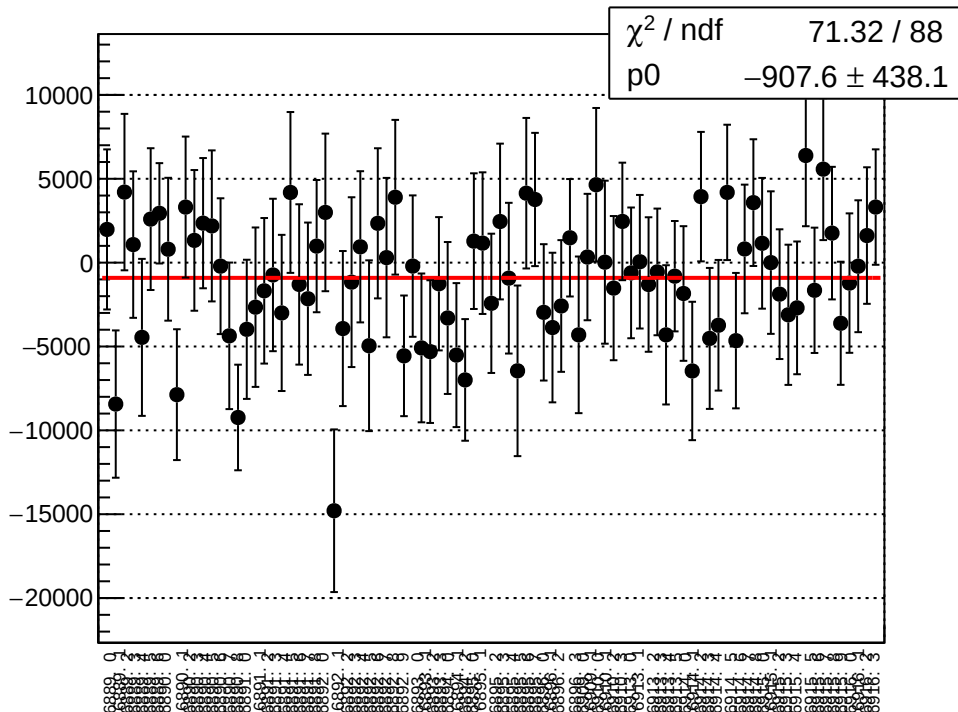
8636 / 88

p0

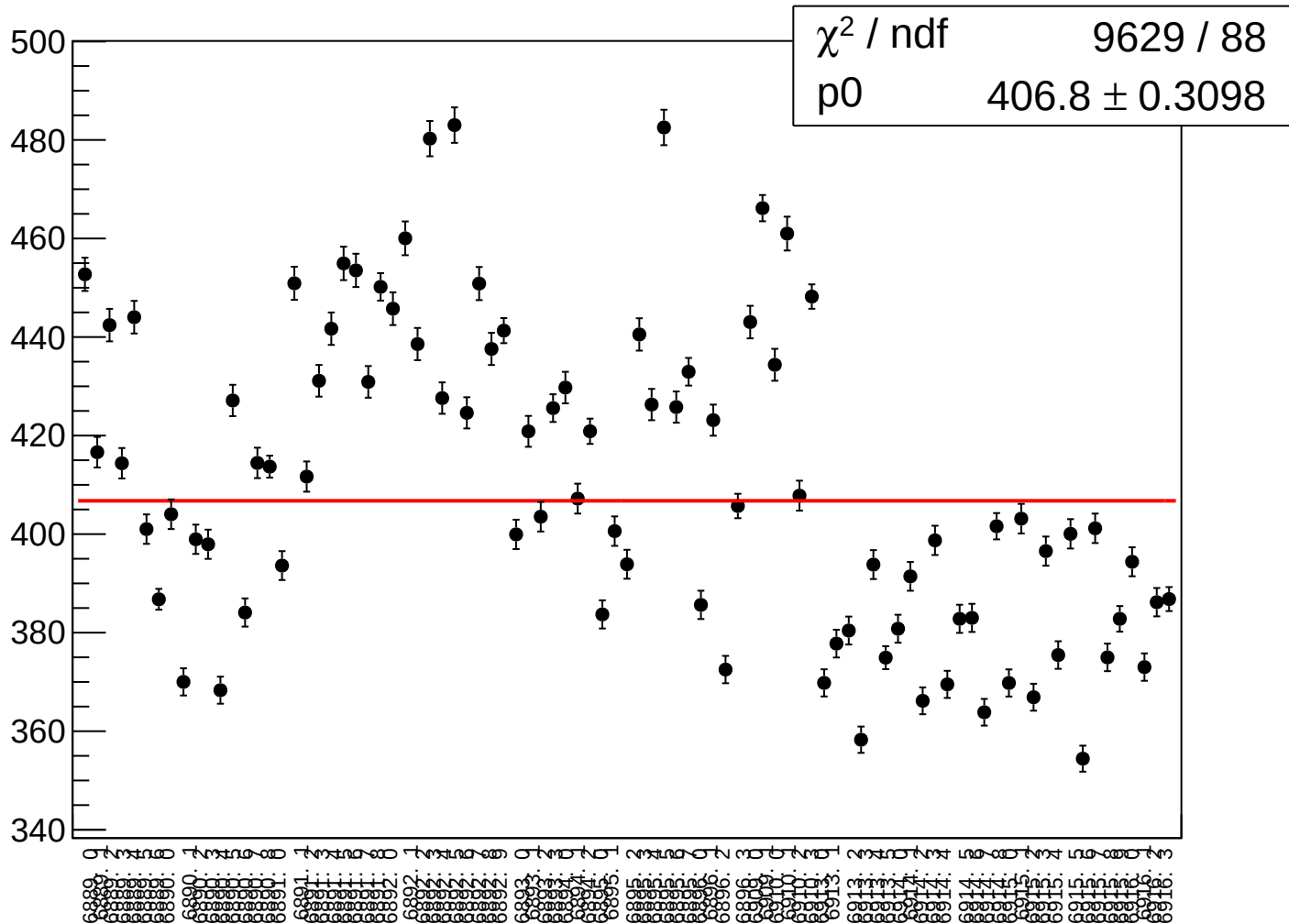
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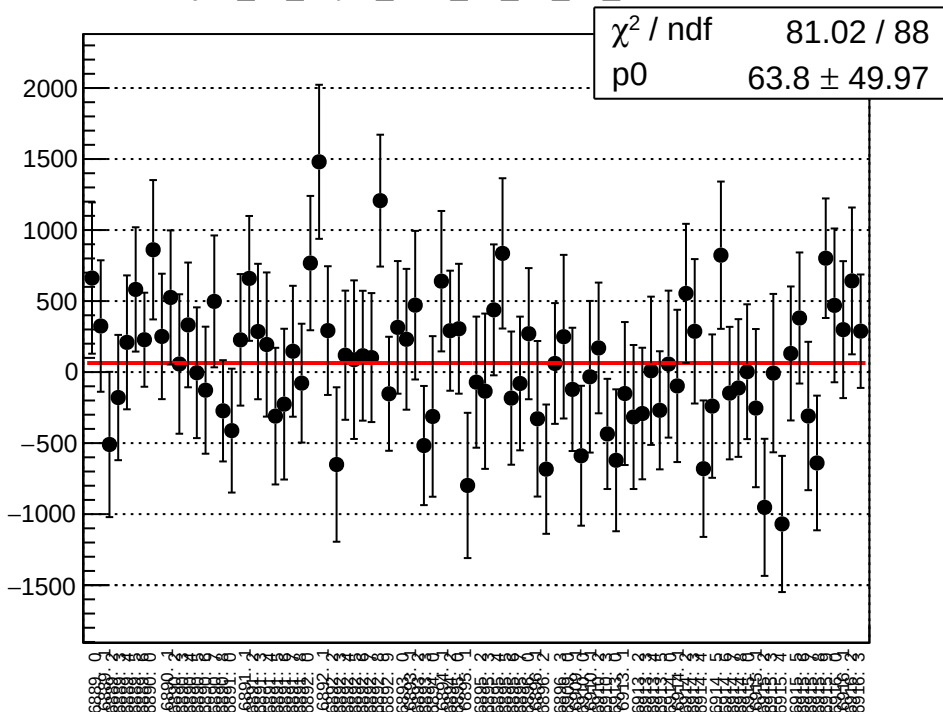
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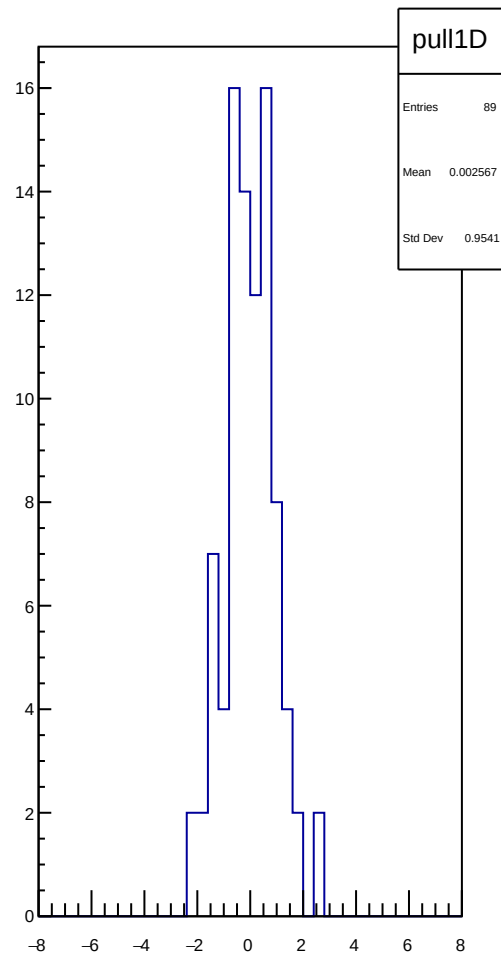
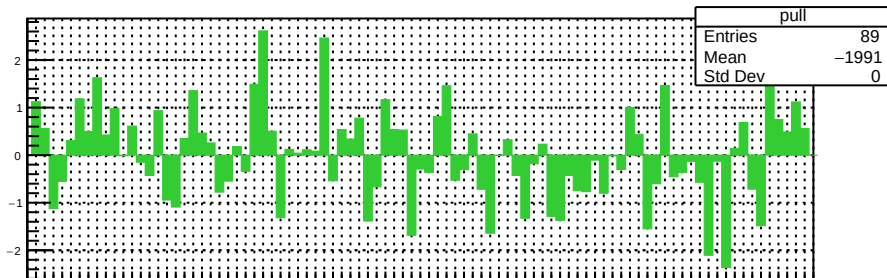
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eigen_dit_asym_sam_15_37_dd_mean vs run



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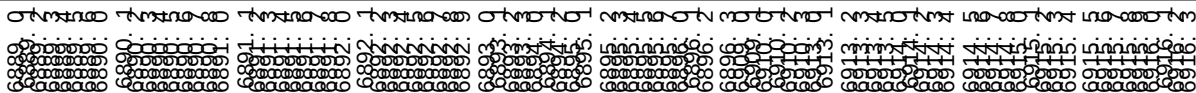
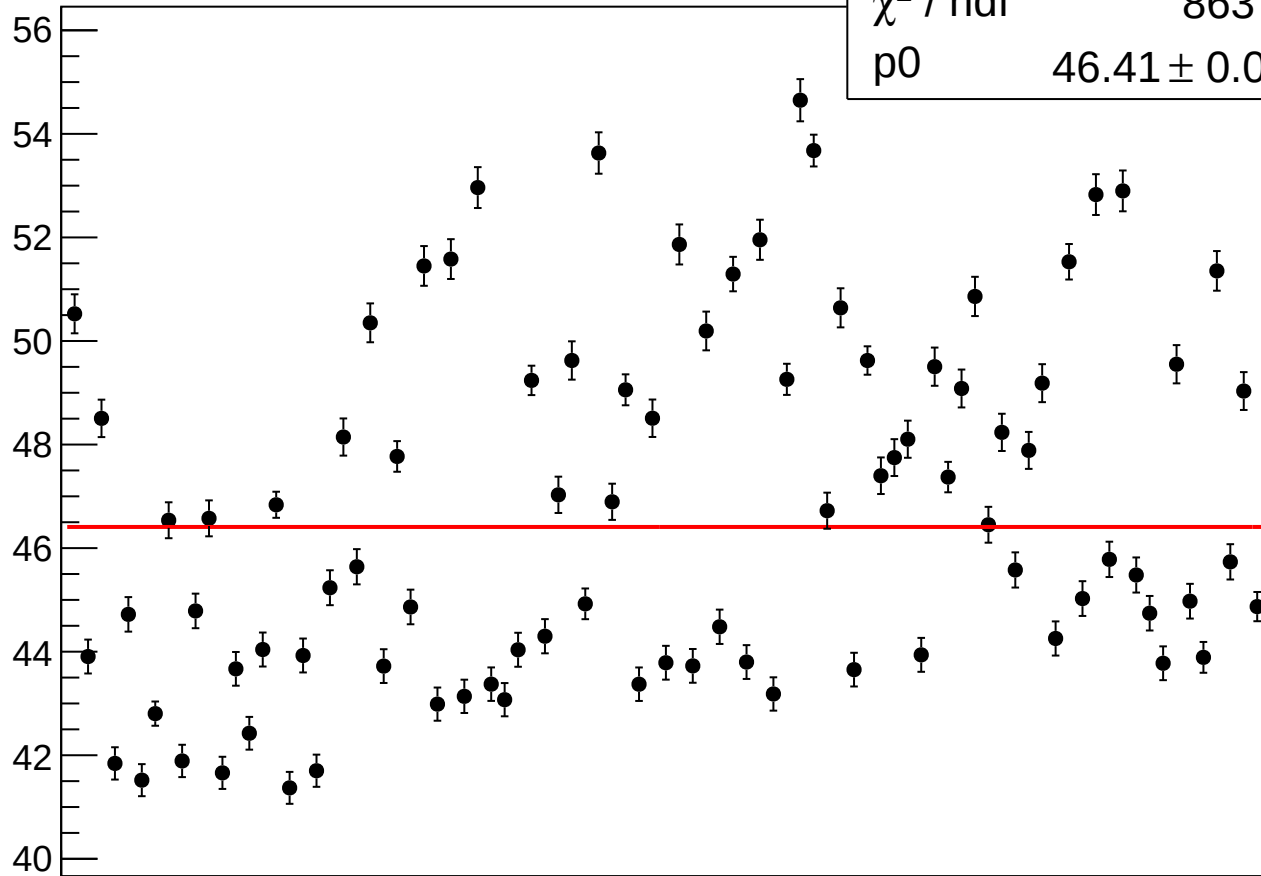
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χ^2 / ndf

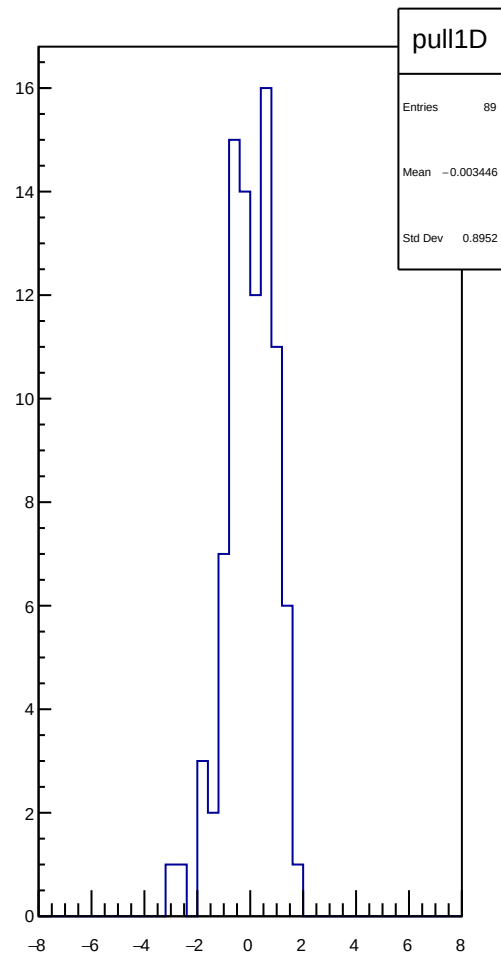
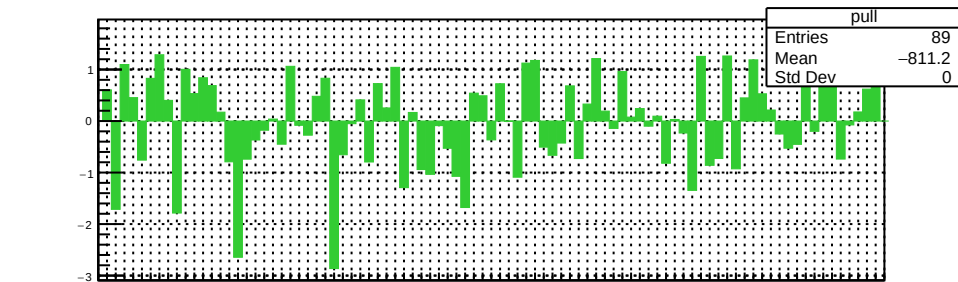
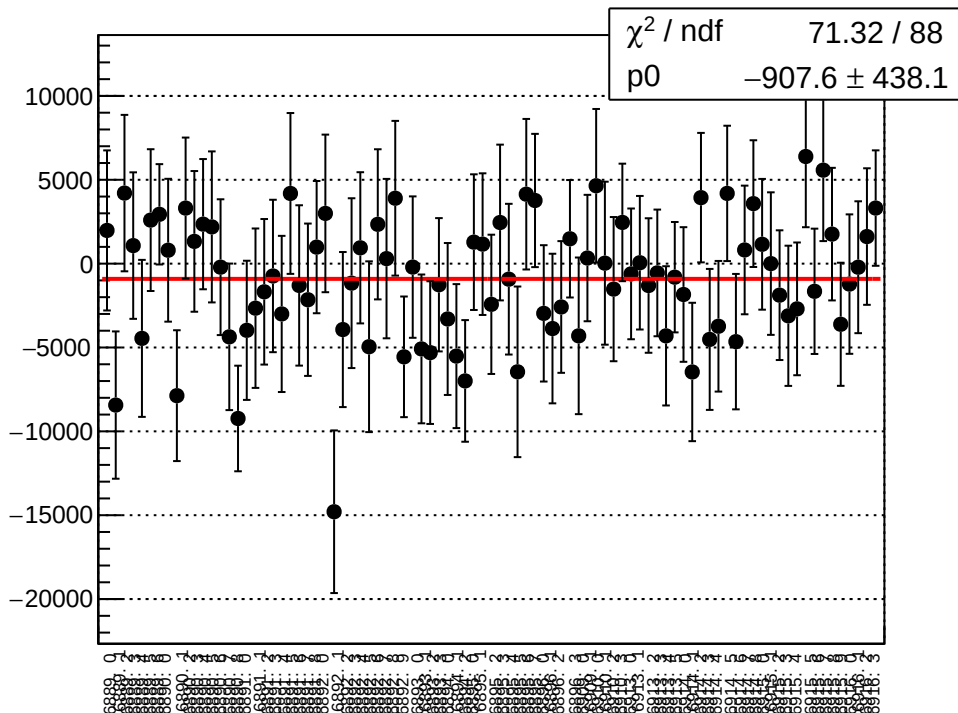
8637 / 88

p0

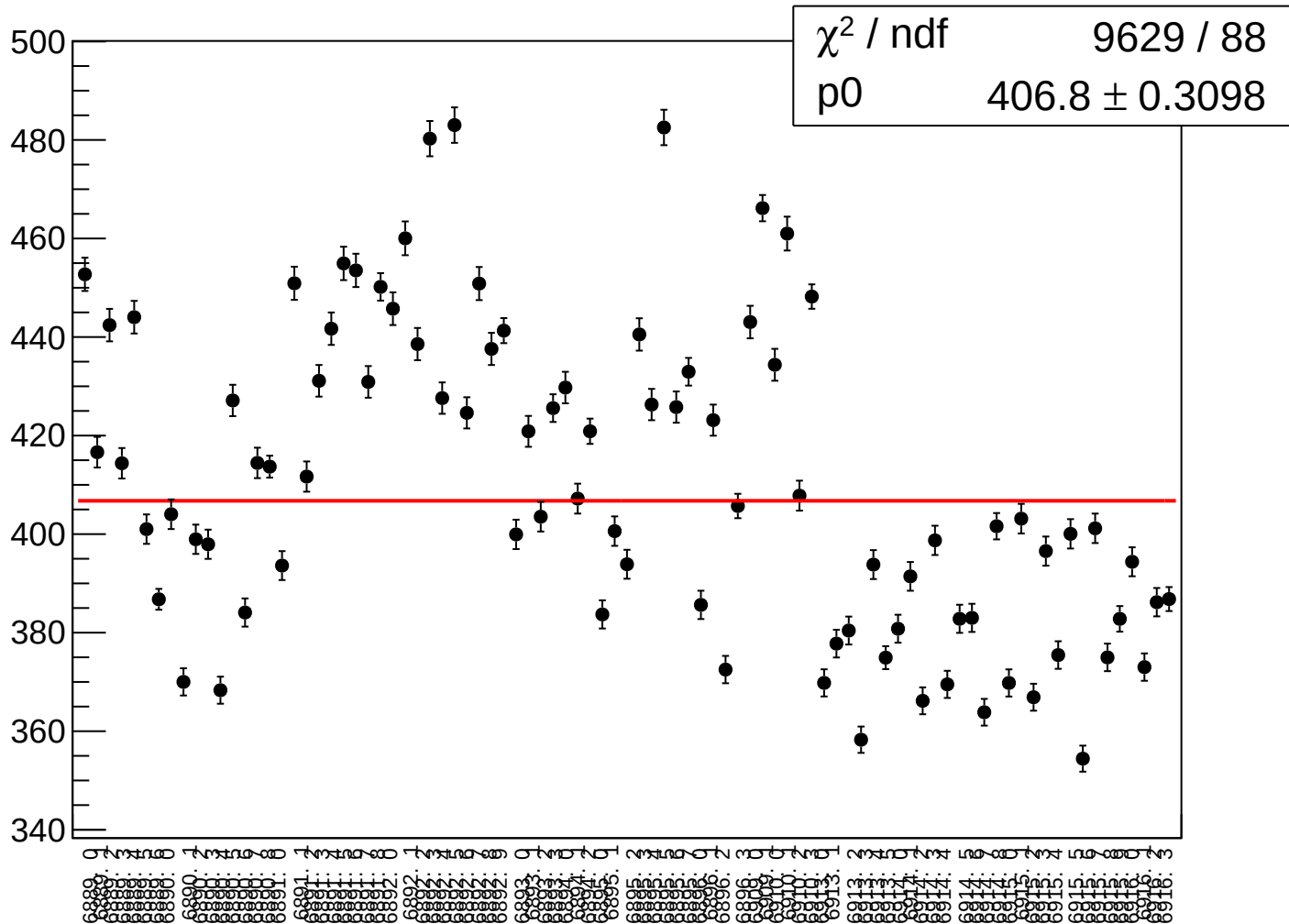
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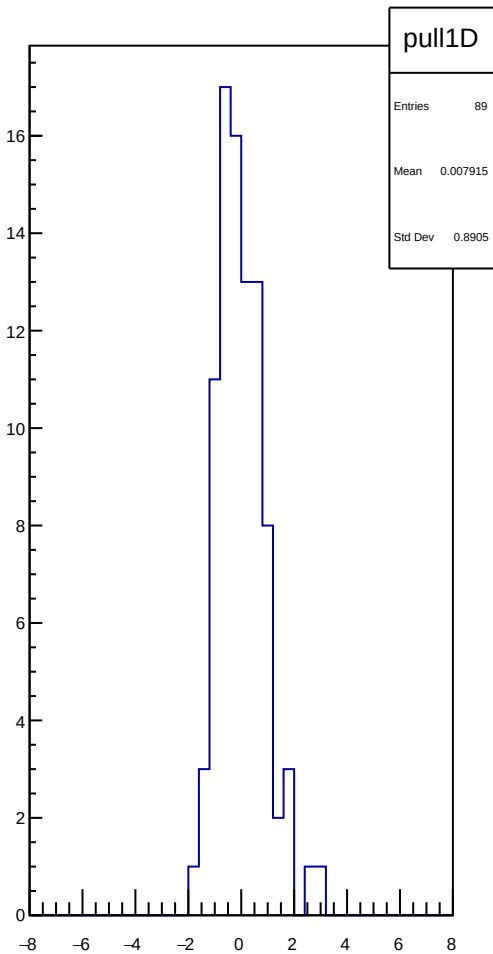
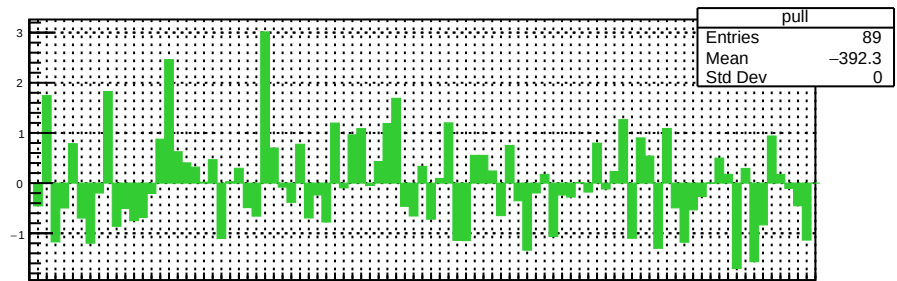
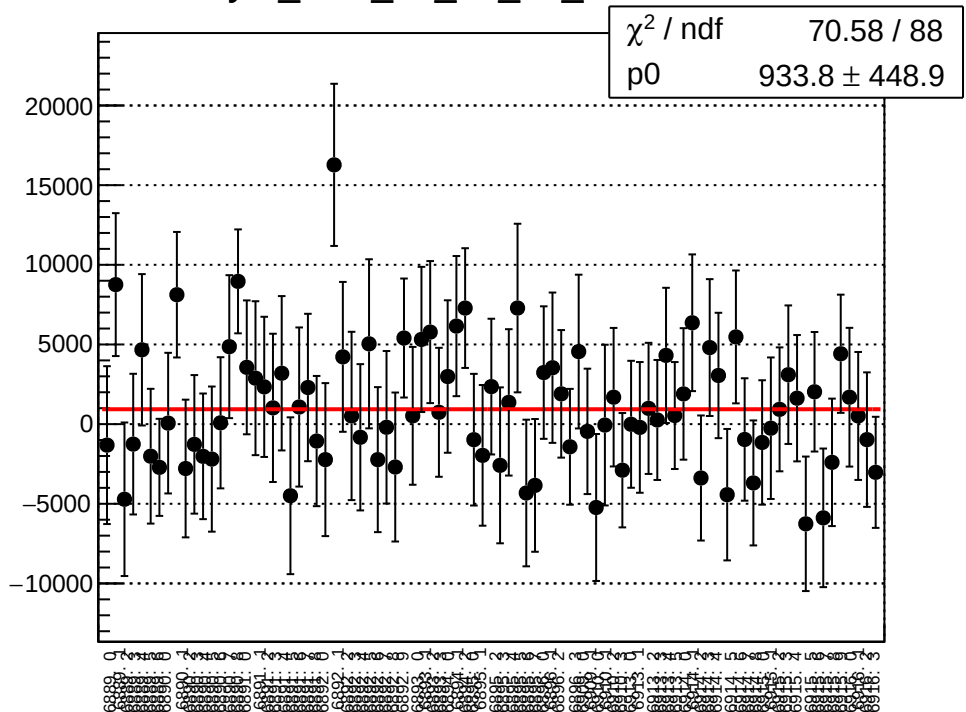
asym sam 15 37 dd eigen dit correction mean vs run



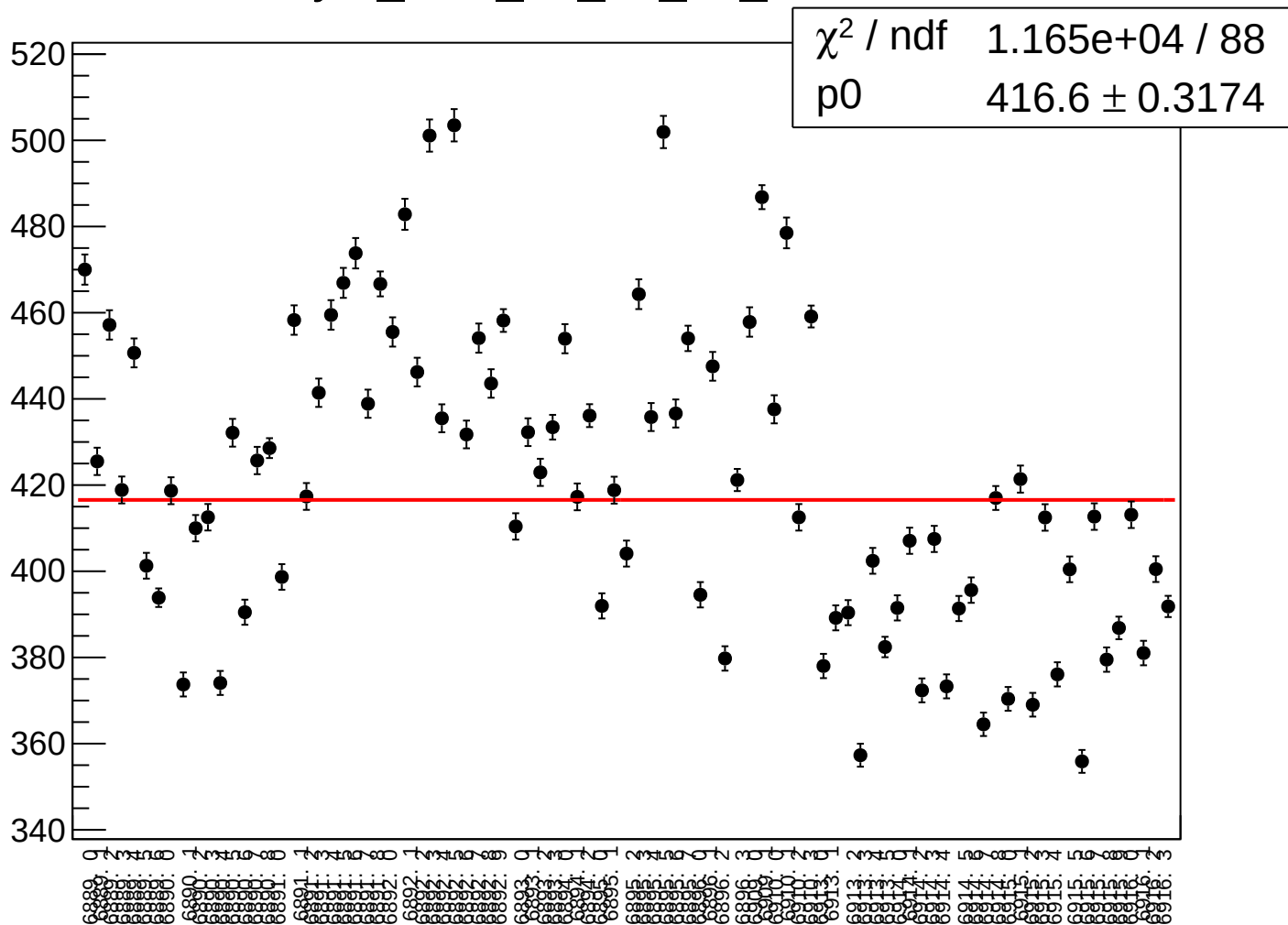
asym_sam_15_37_dd_eigen_dit_correction_rms vs run



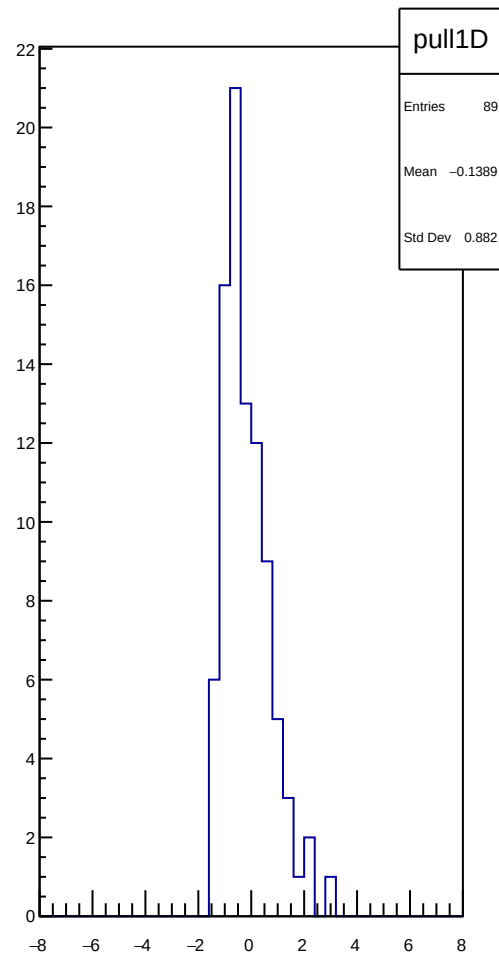
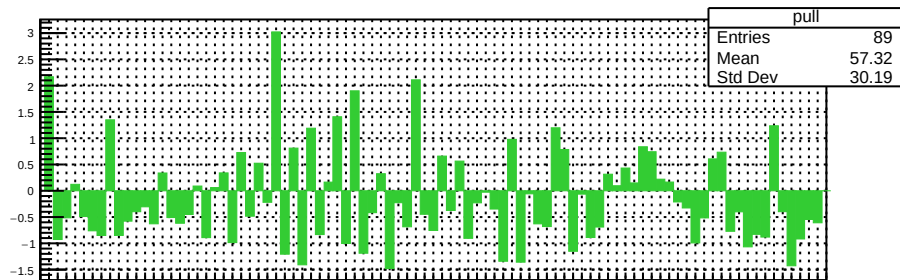
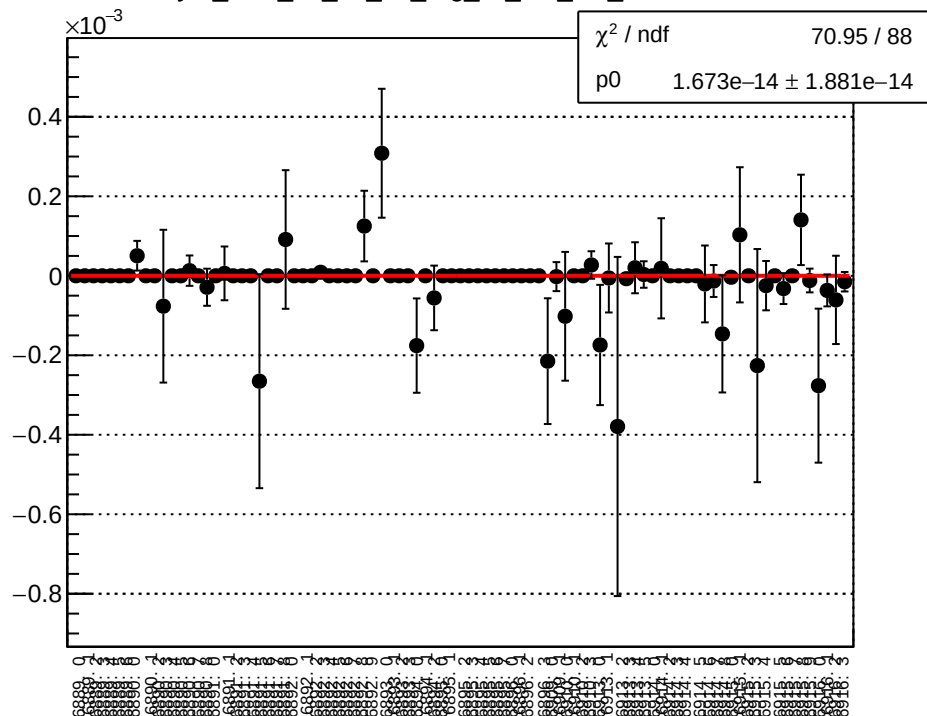
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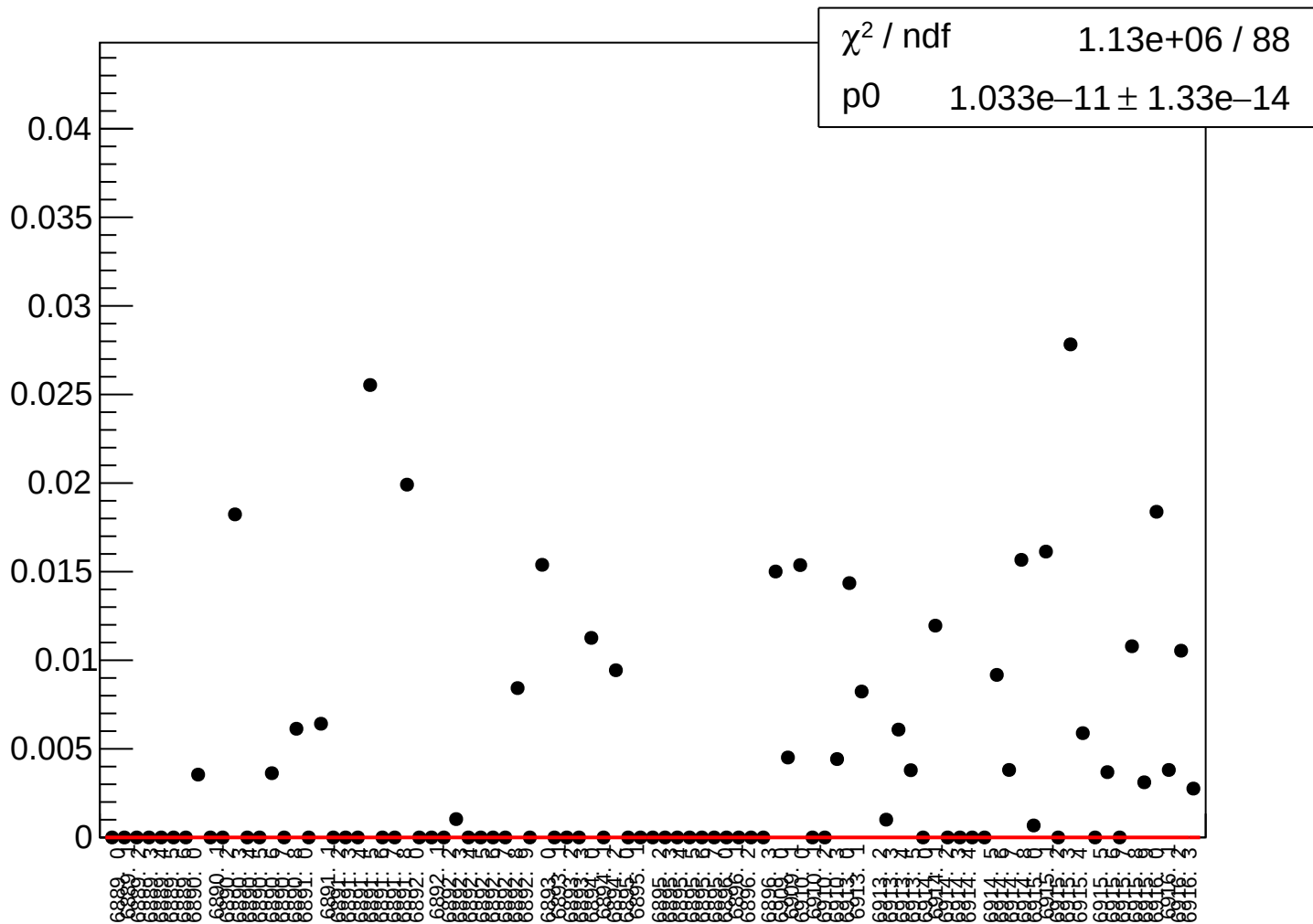
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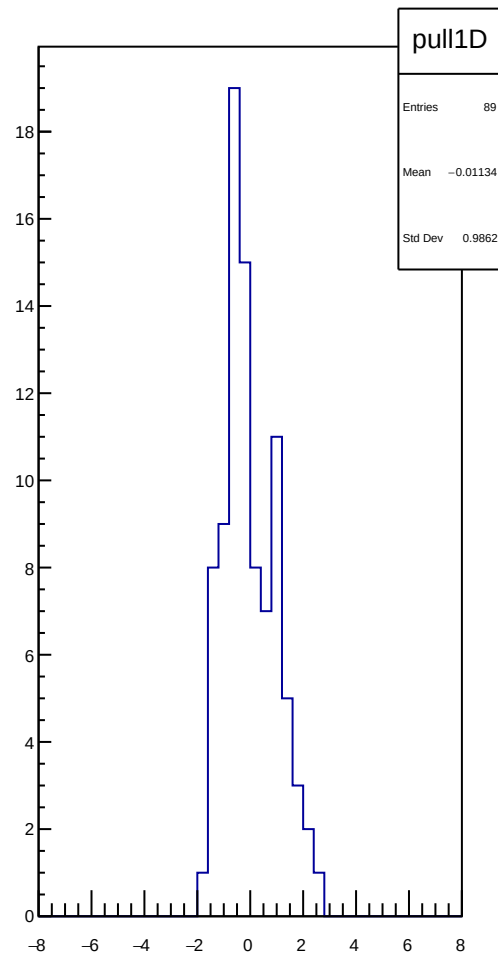
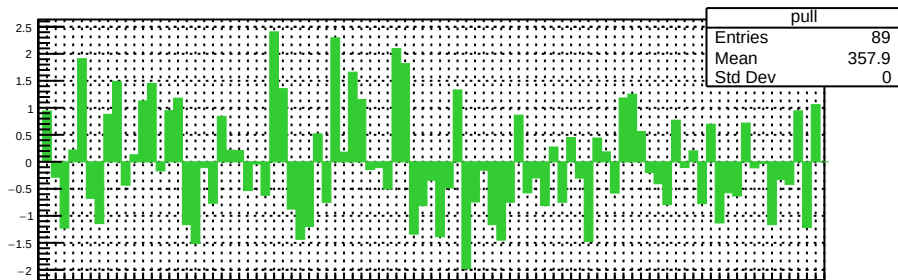
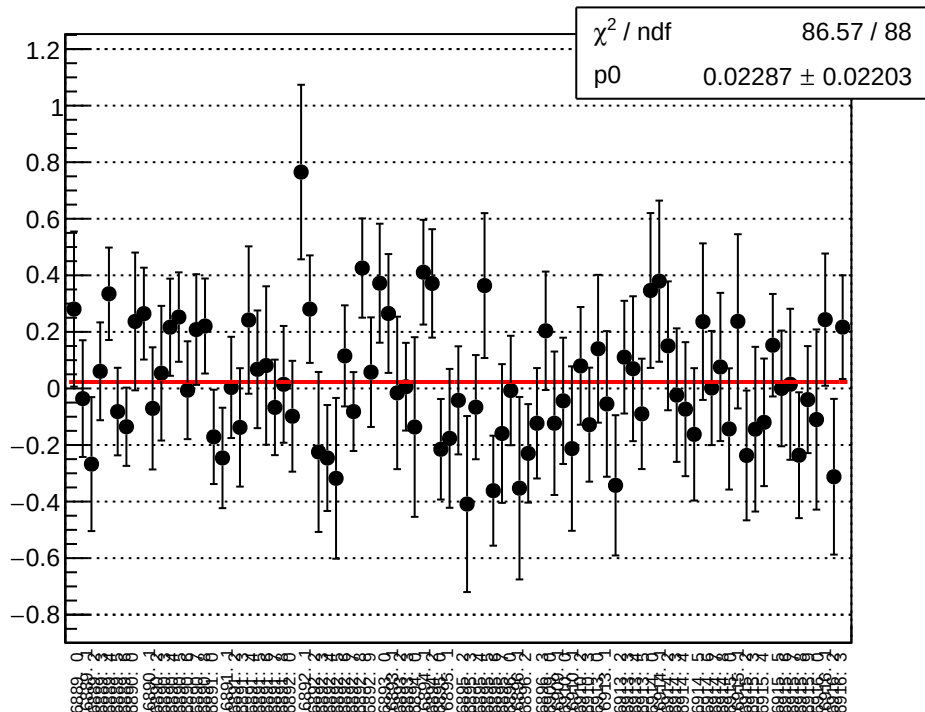
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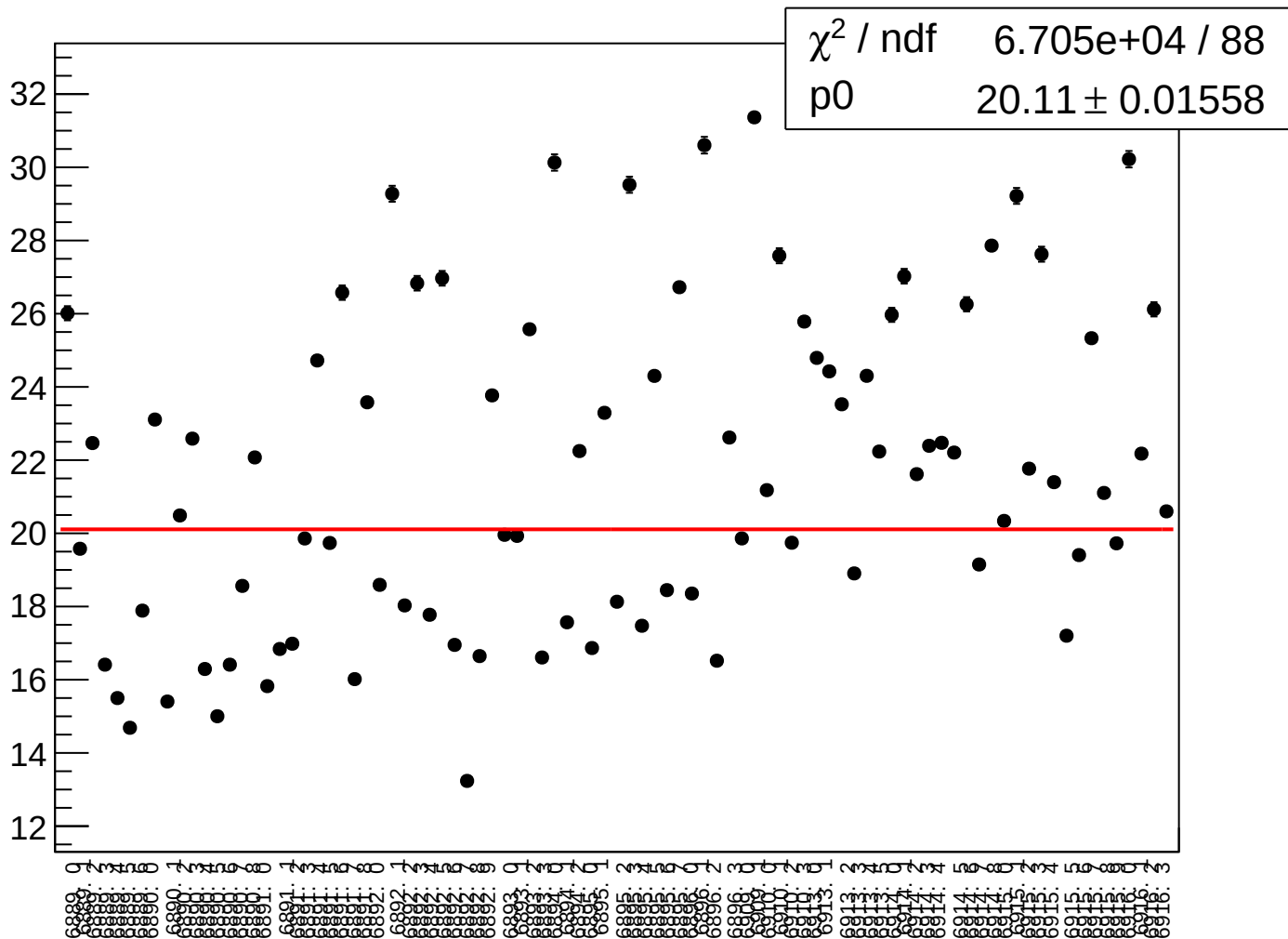
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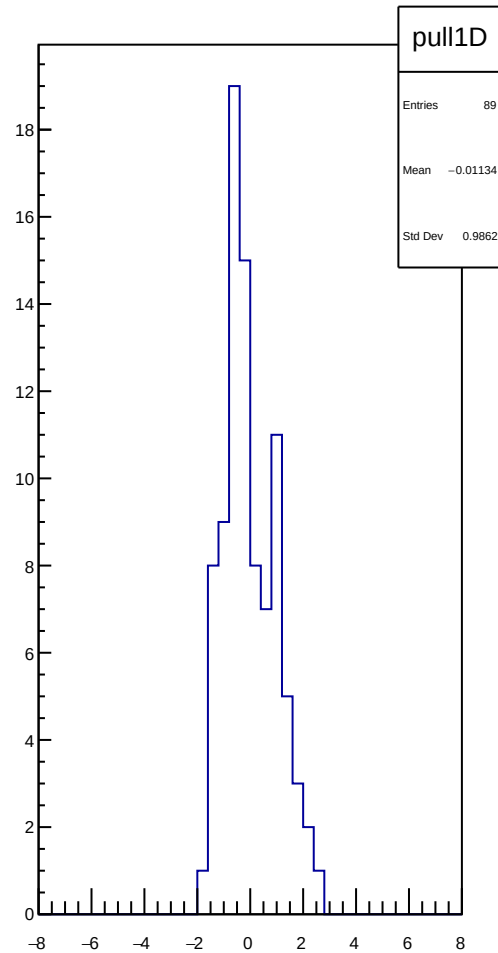
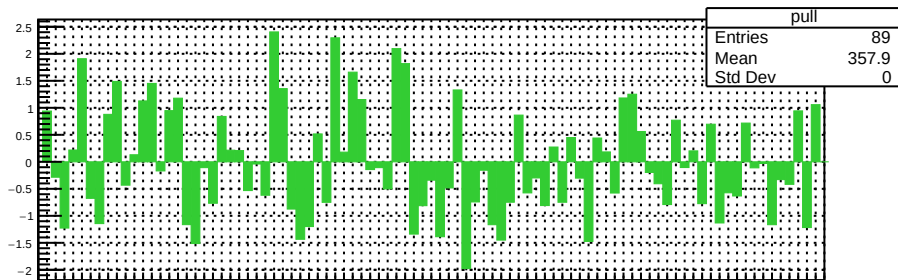
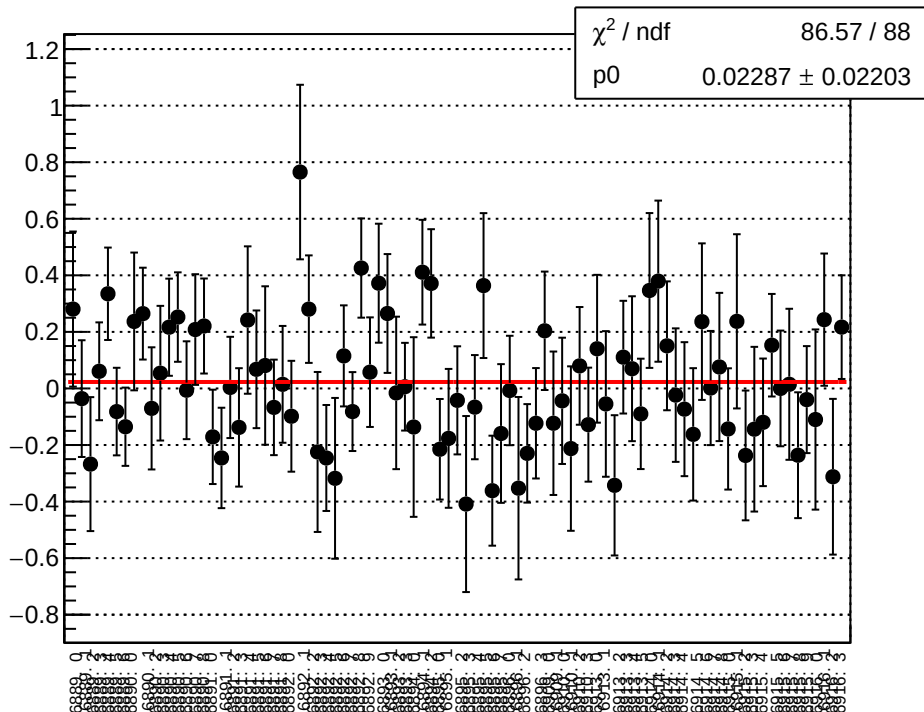
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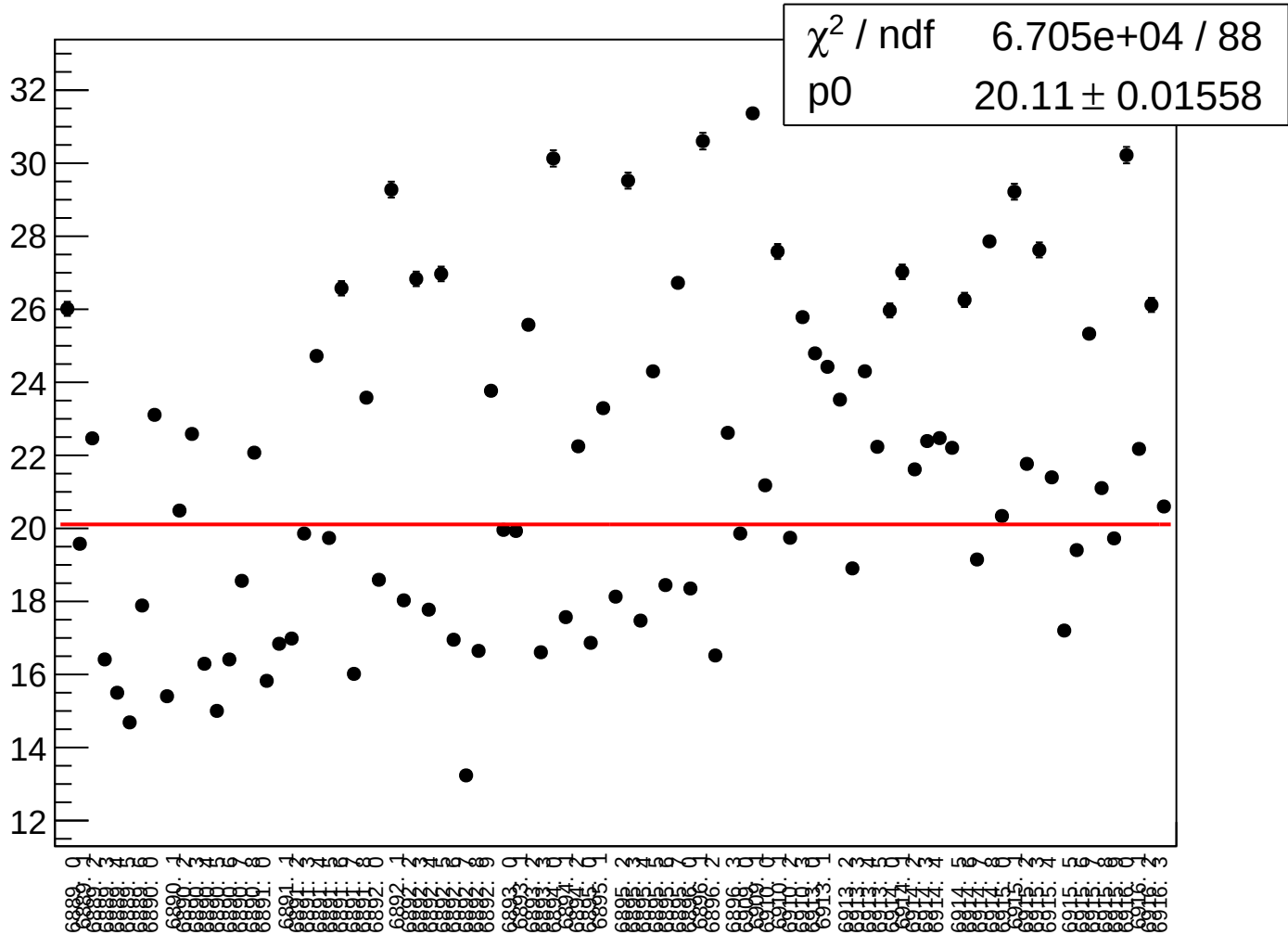
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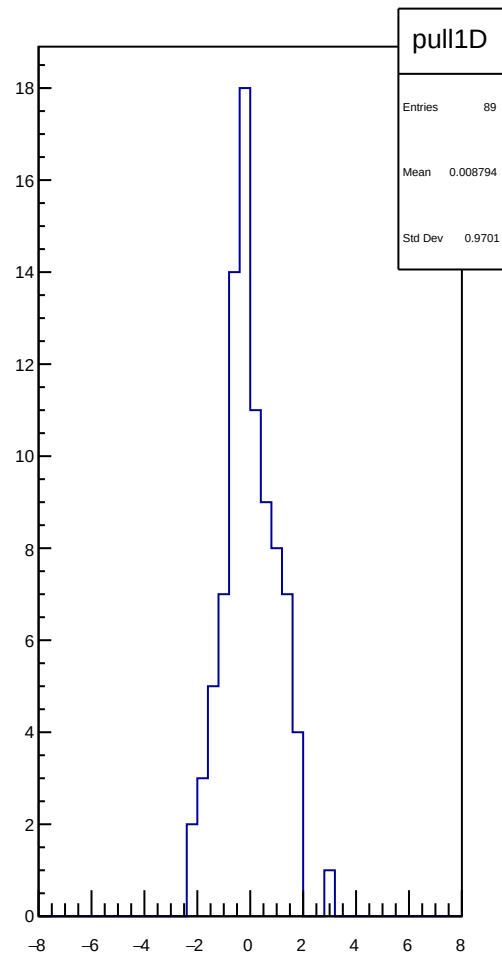
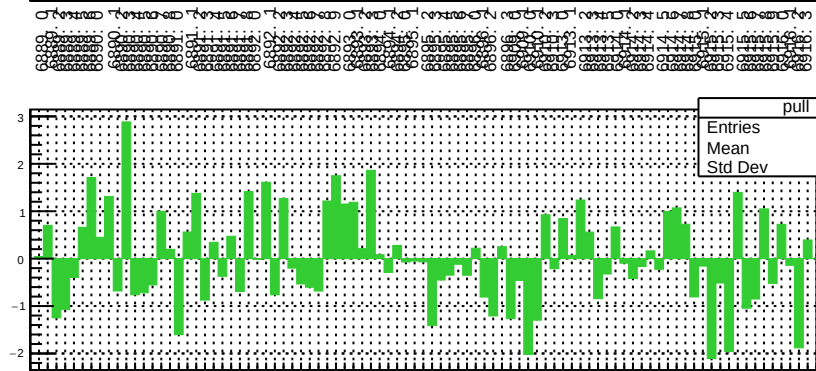
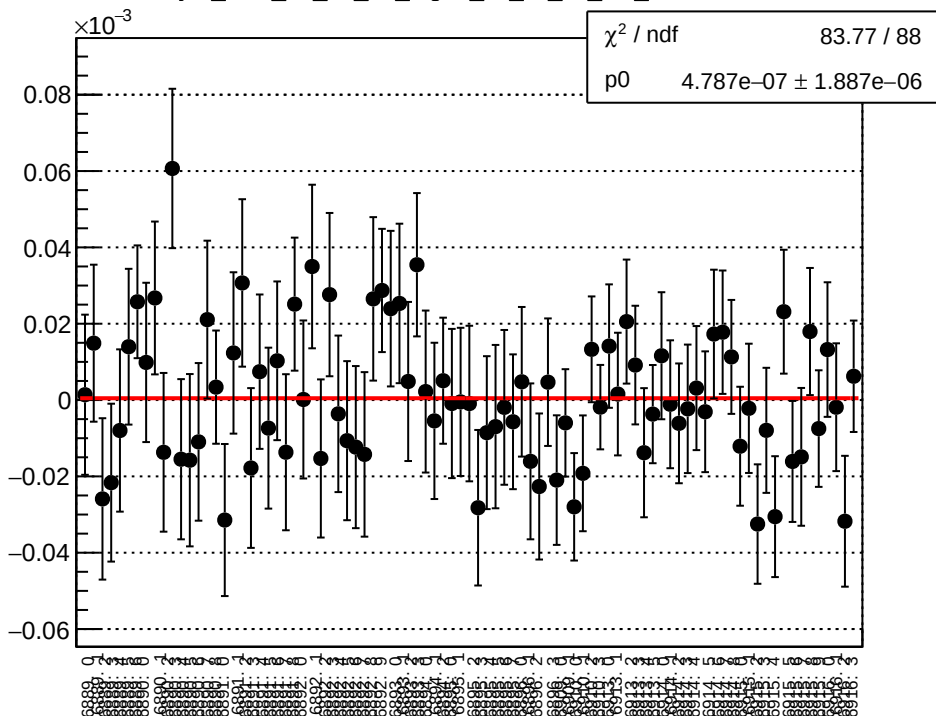
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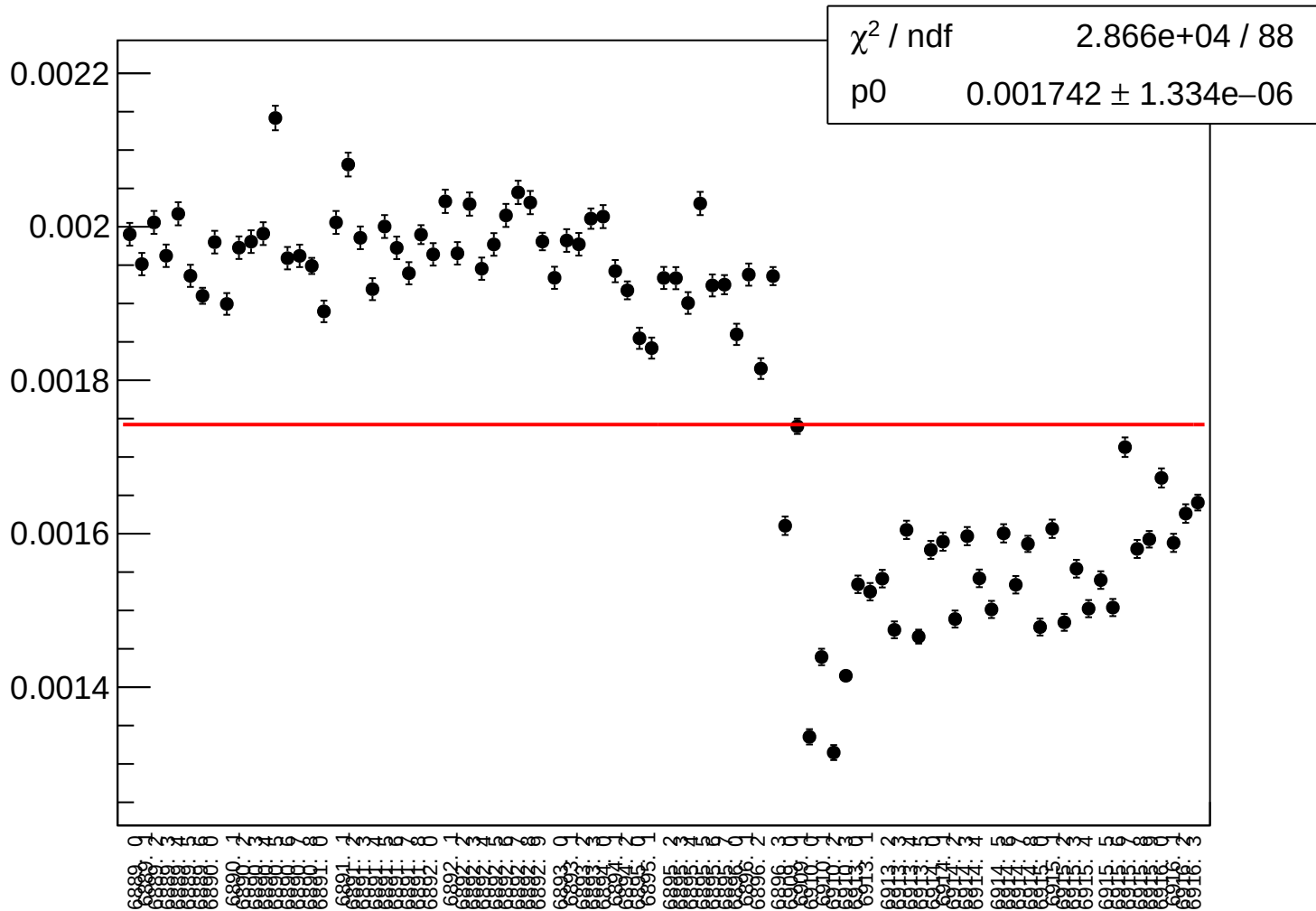
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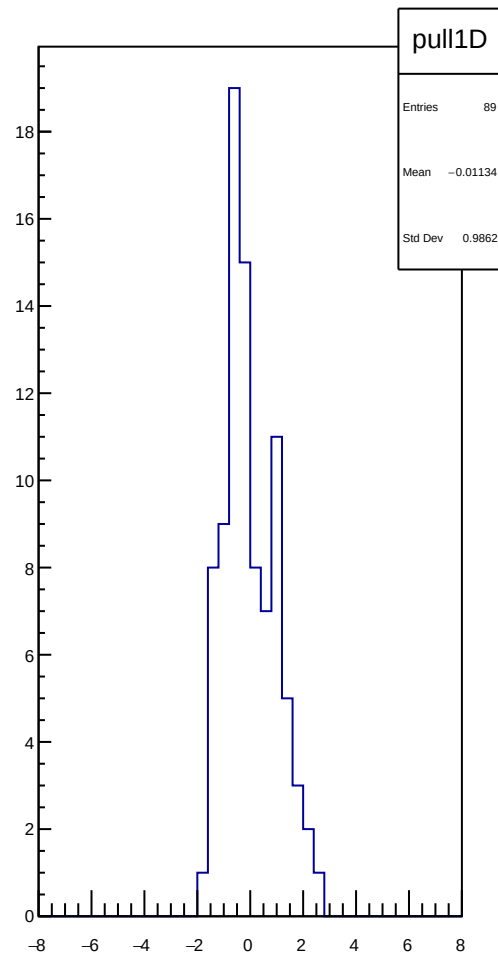
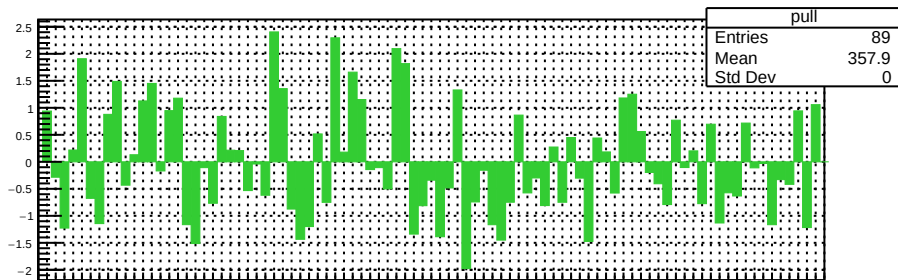
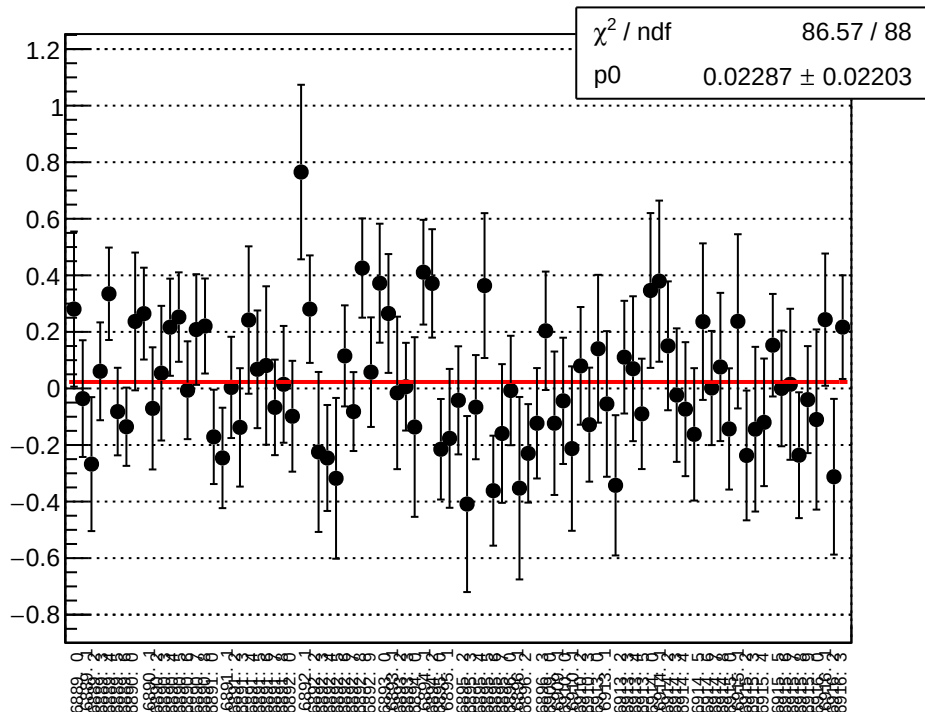
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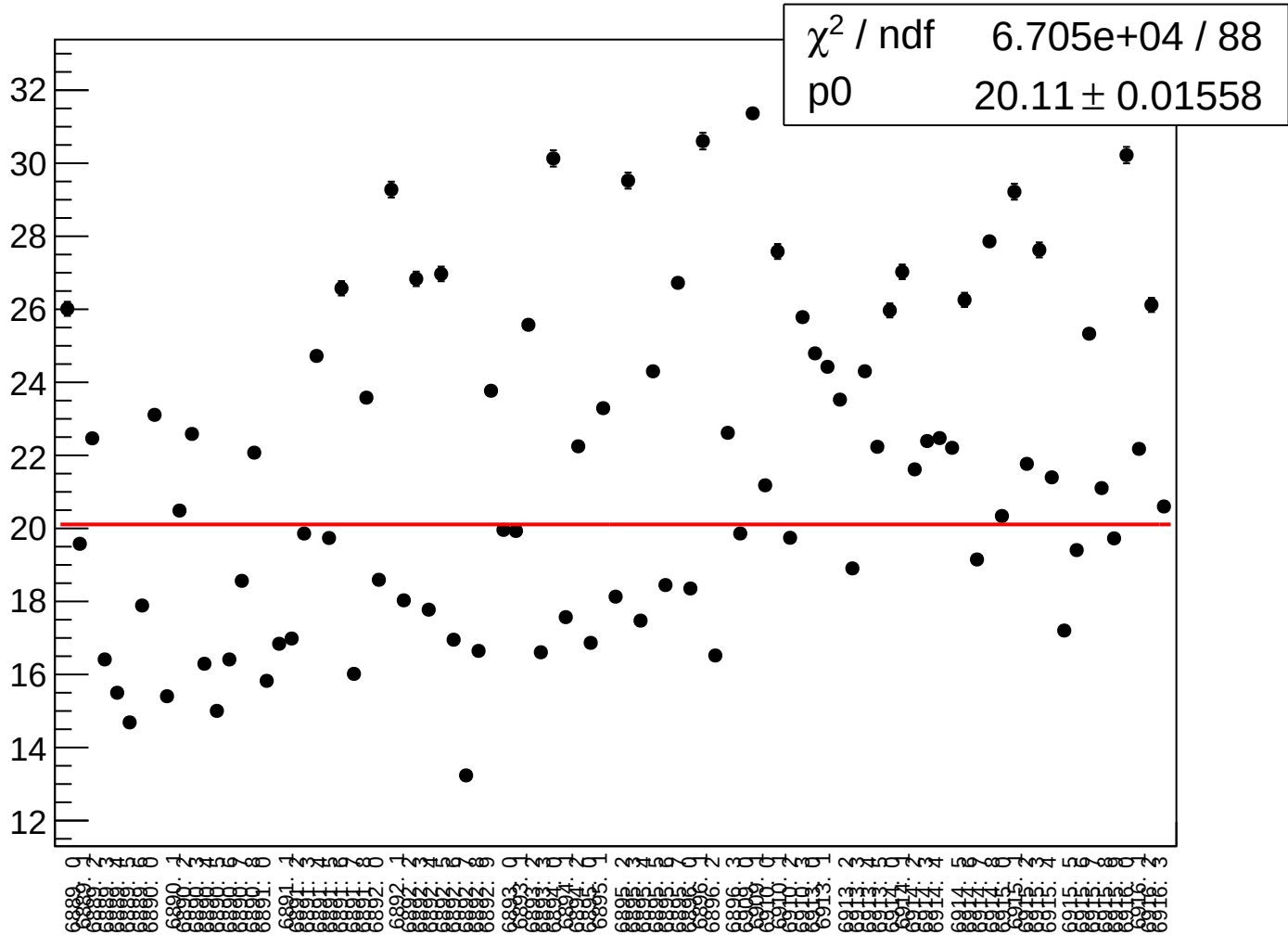
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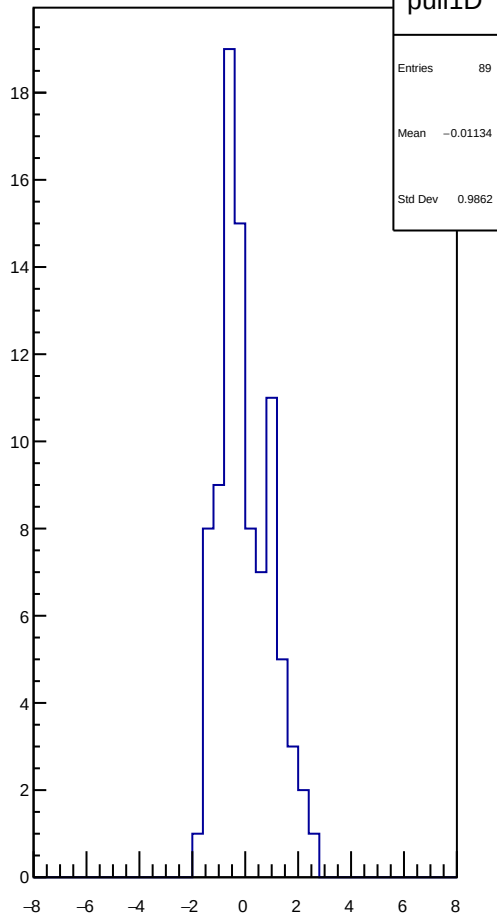
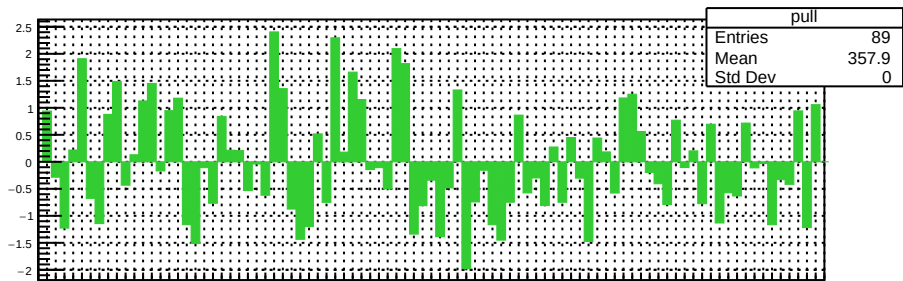
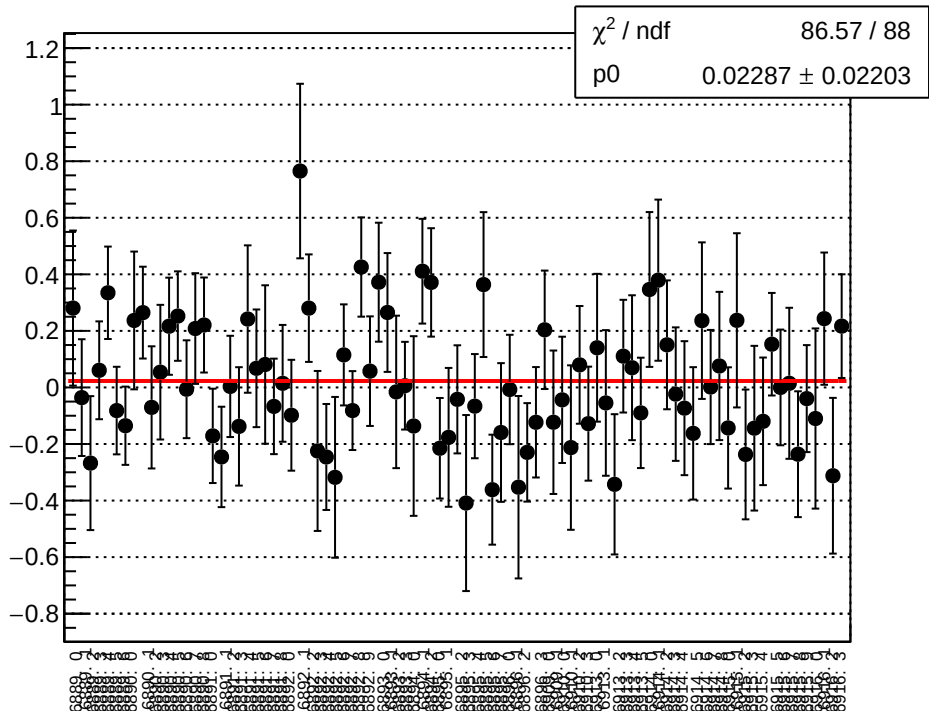
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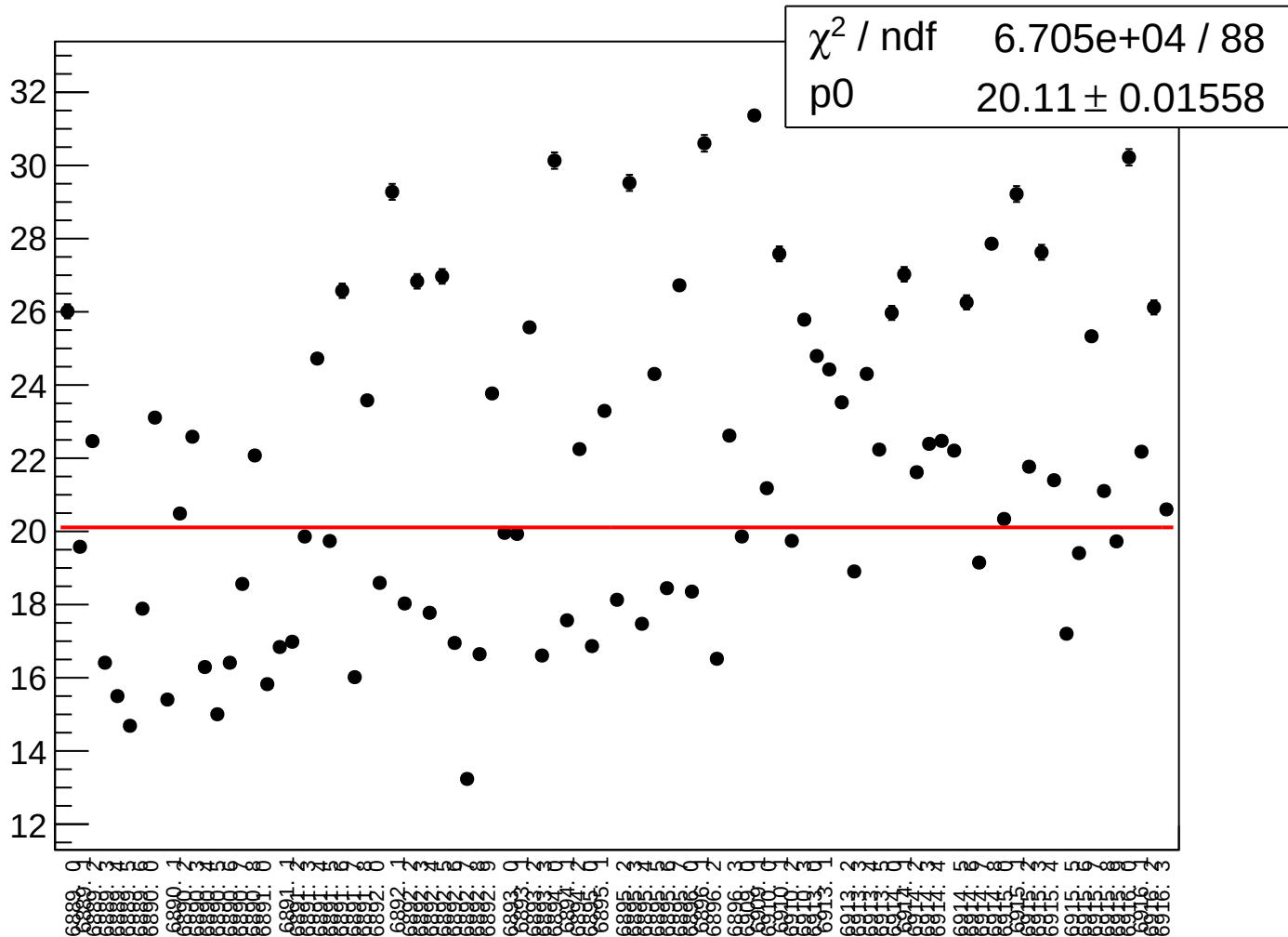
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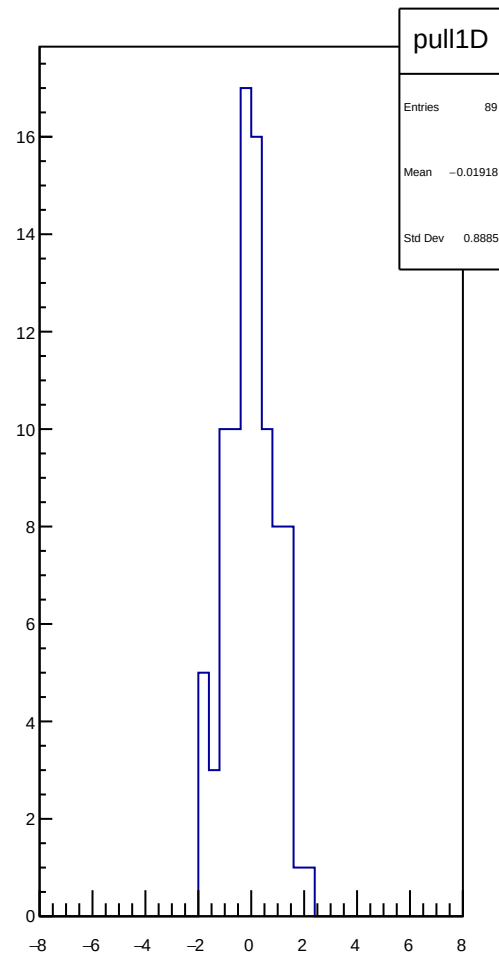
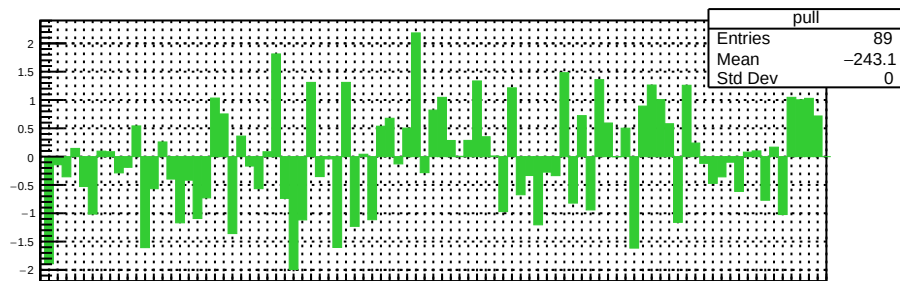
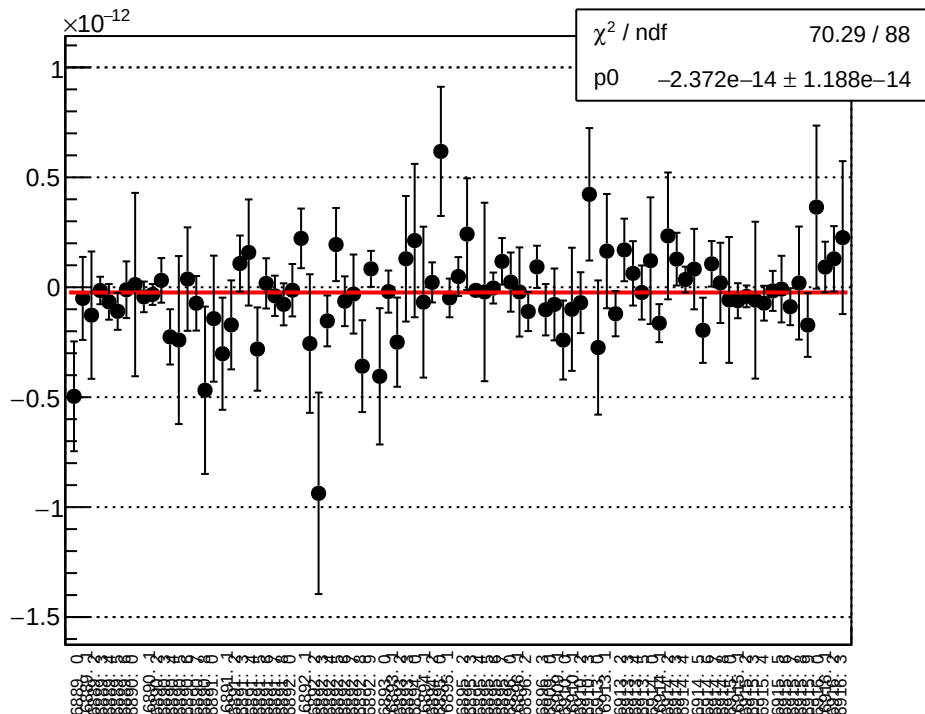
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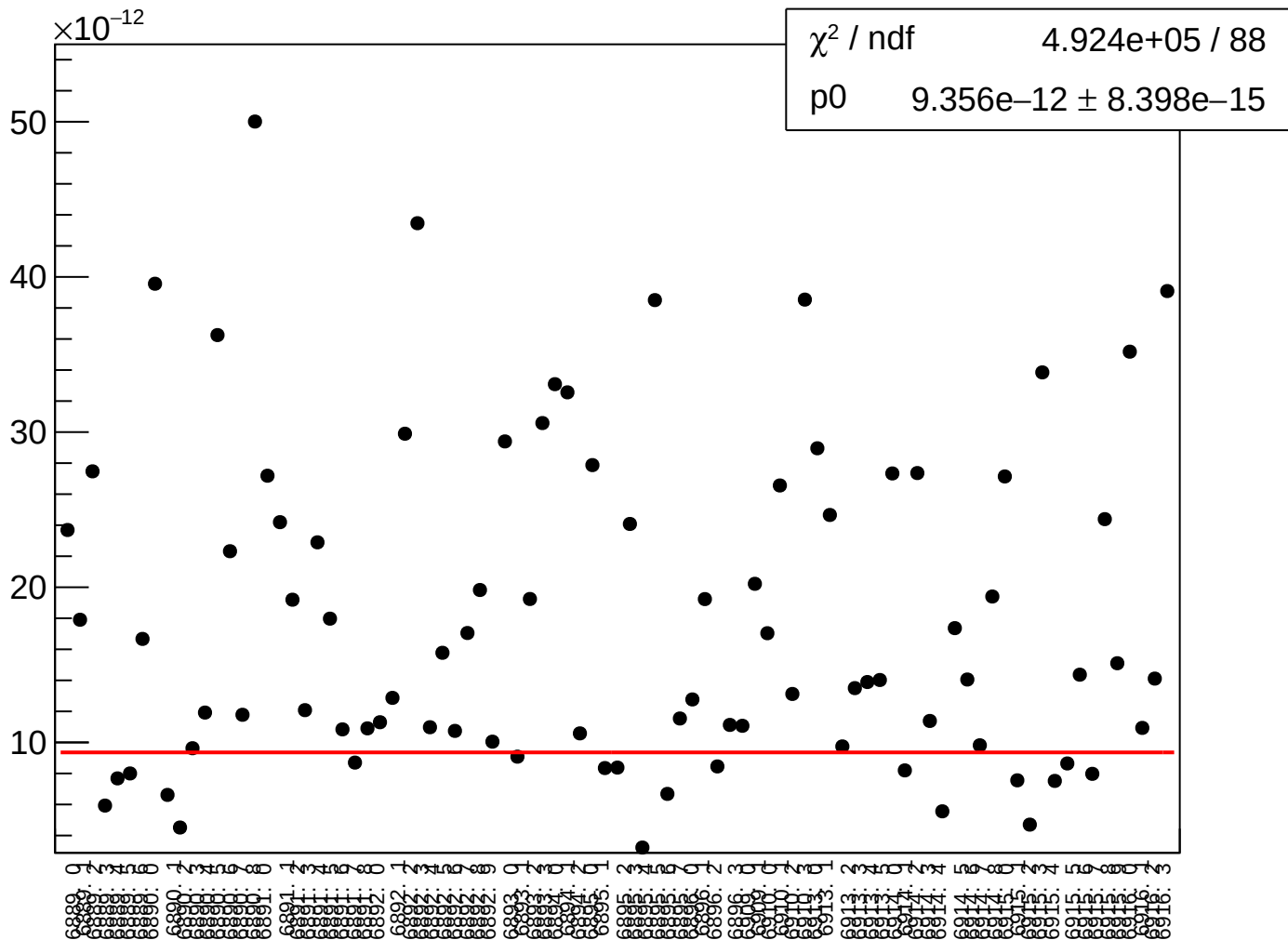
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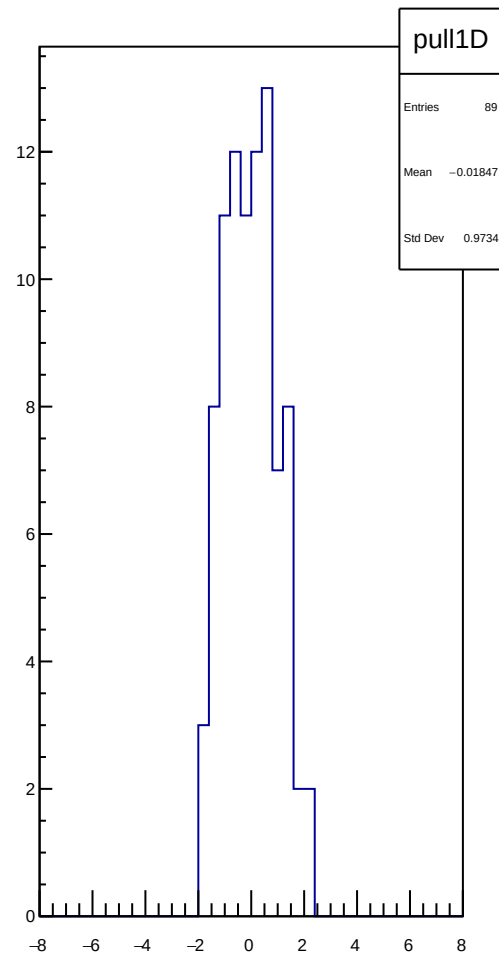
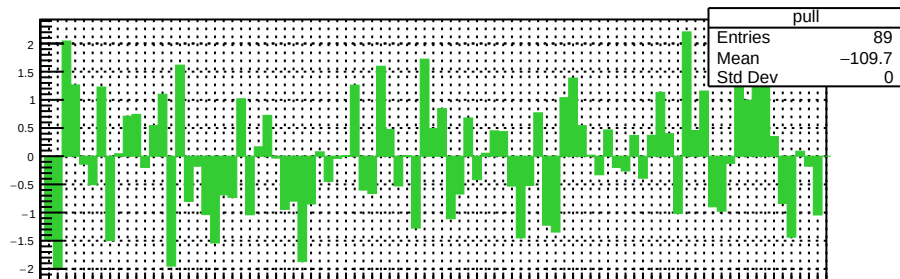
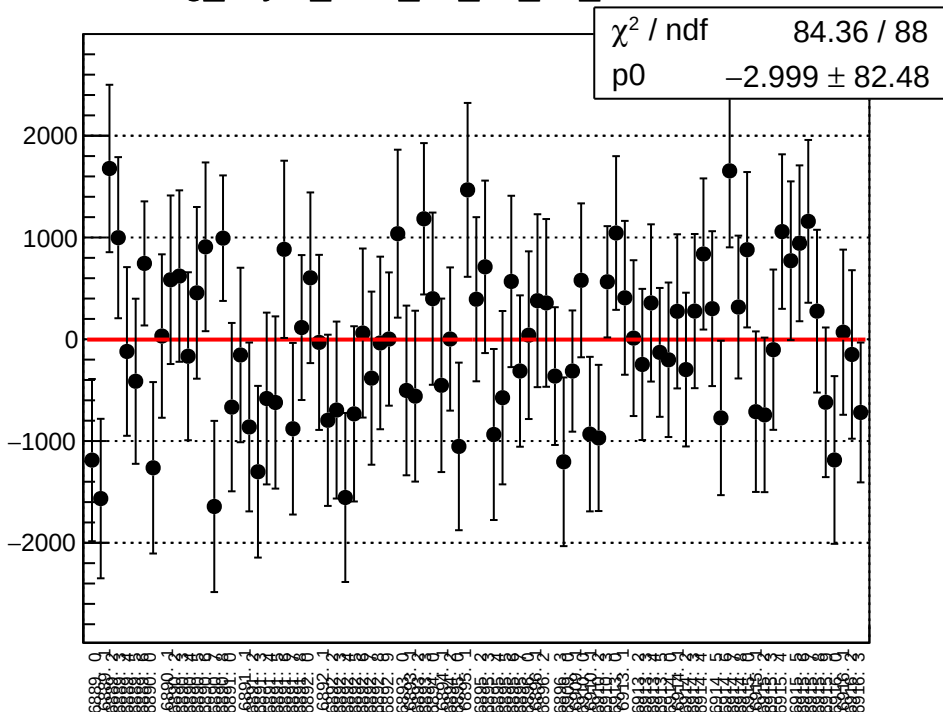
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asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_24_68_dd_mean vs run



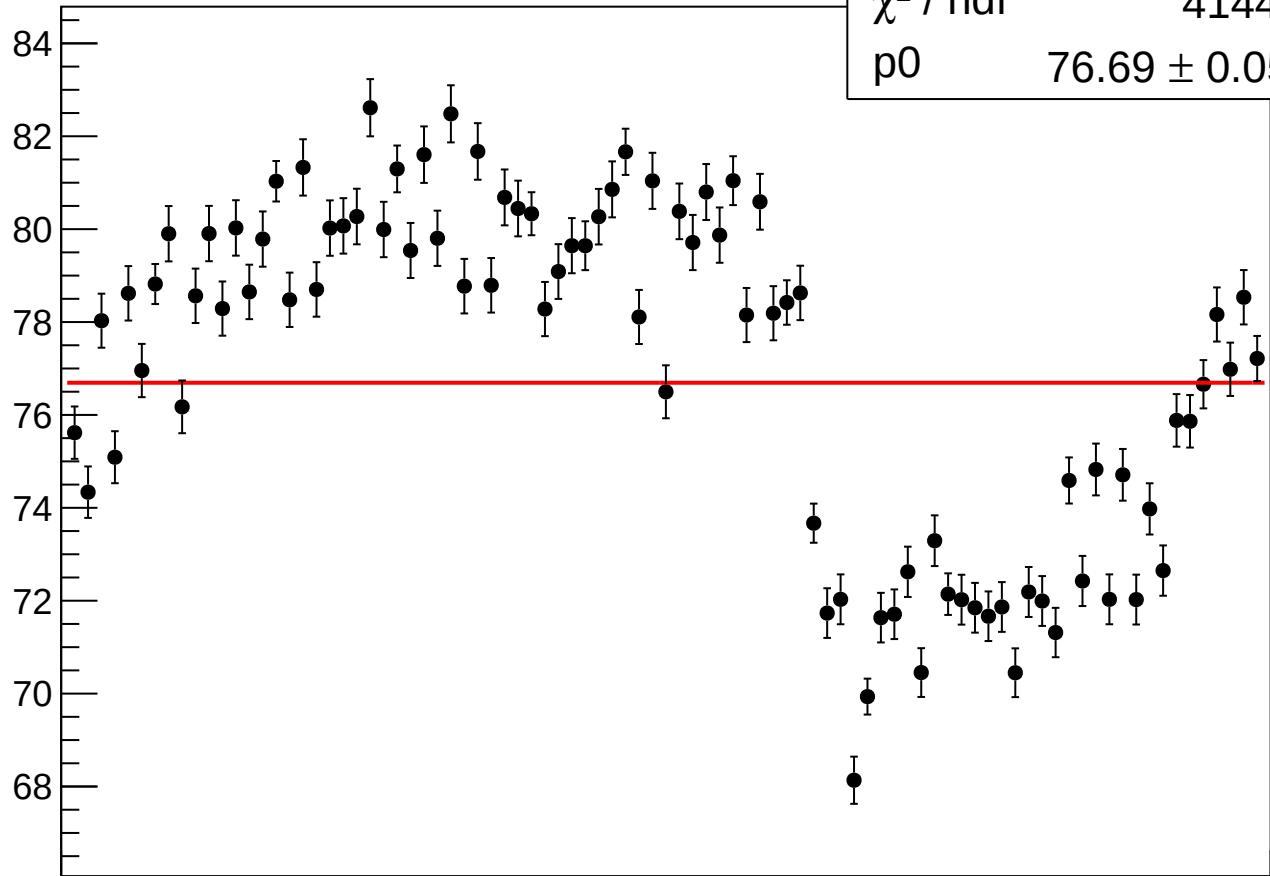
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χ^2 / ndf

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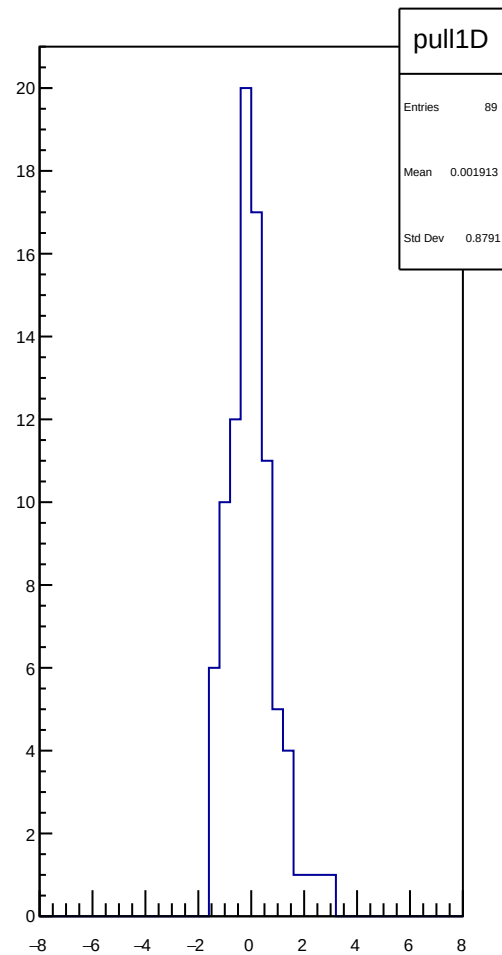
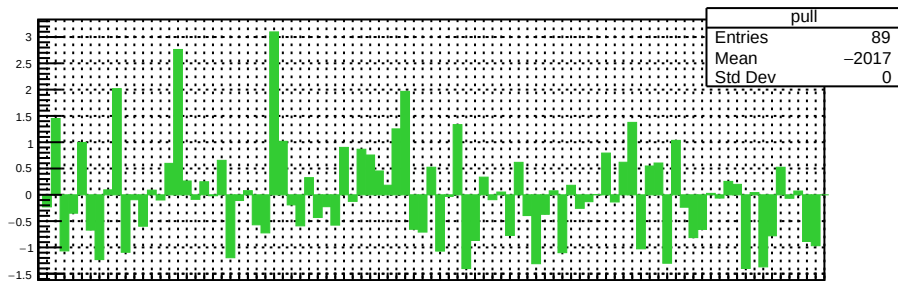
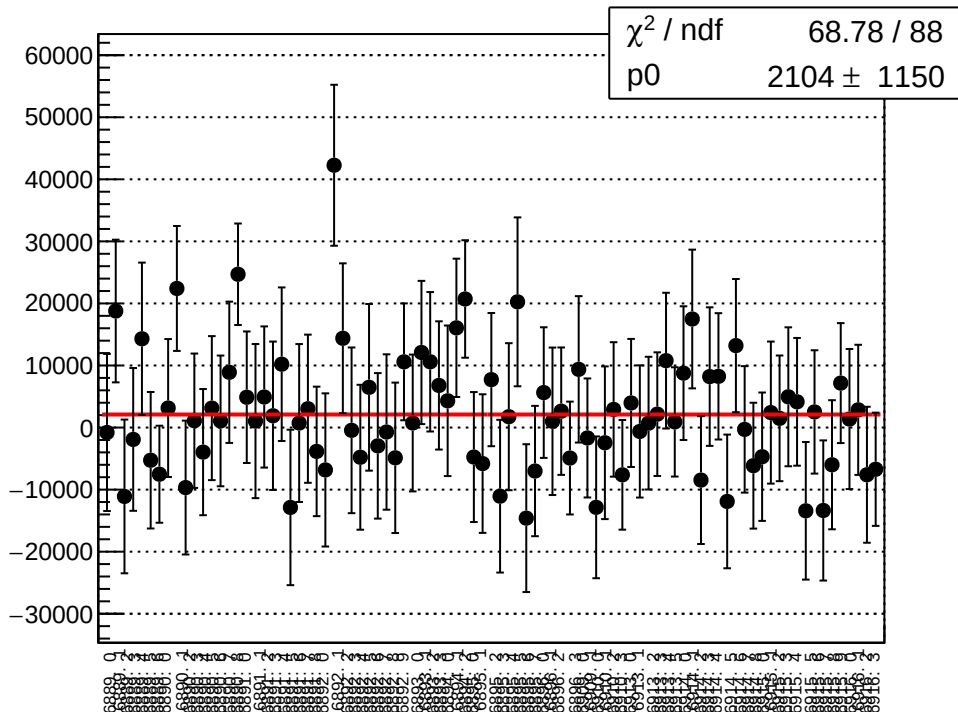
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76.69 ± 0.05832

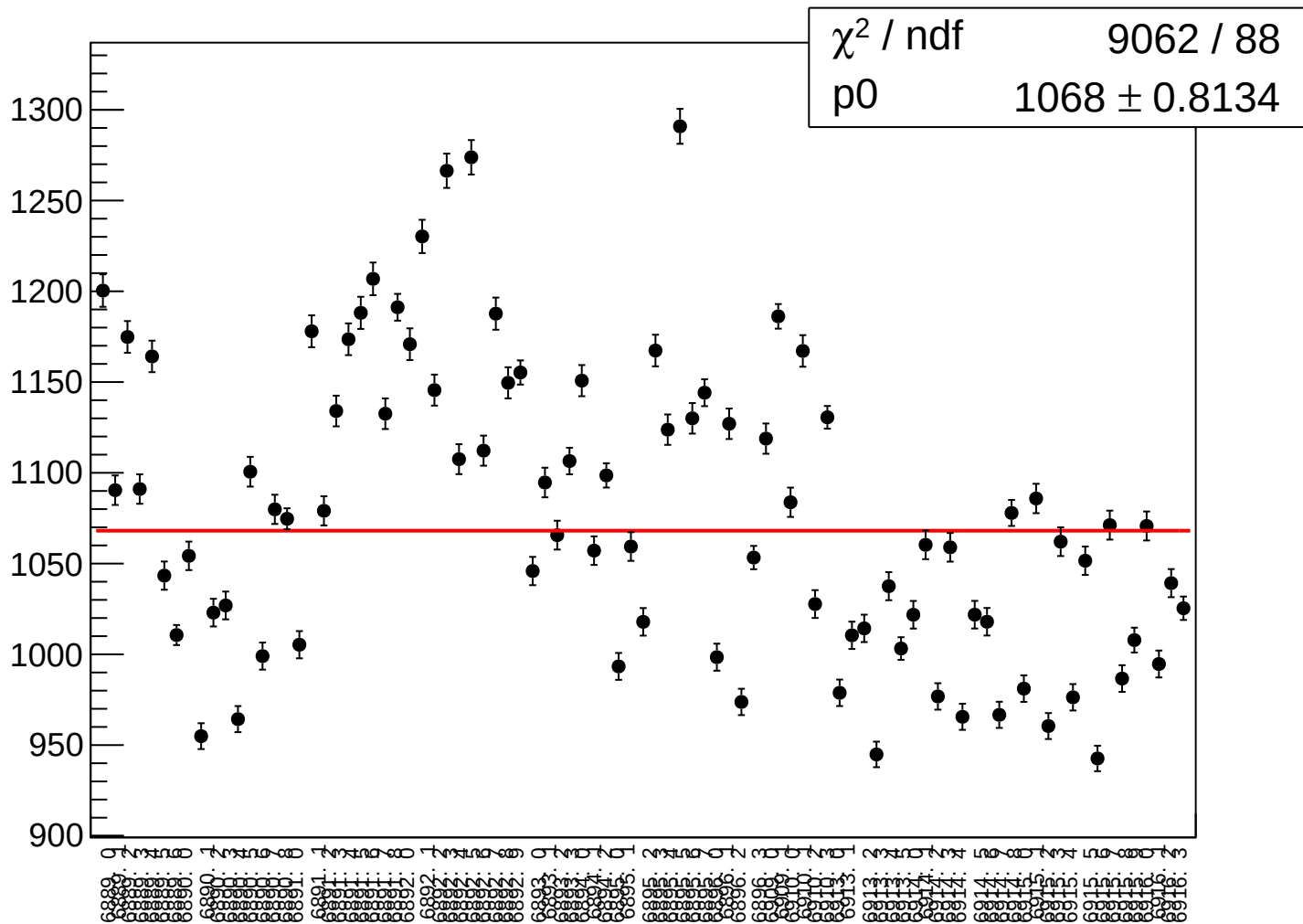


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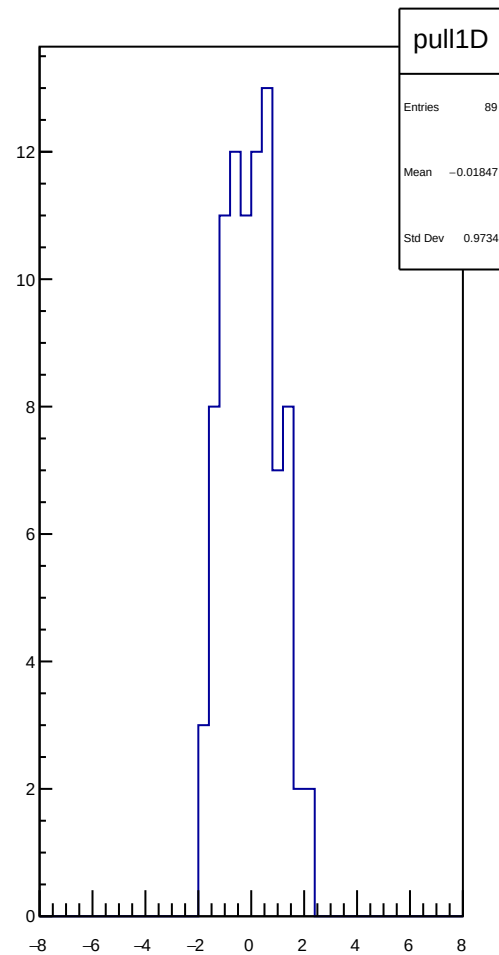
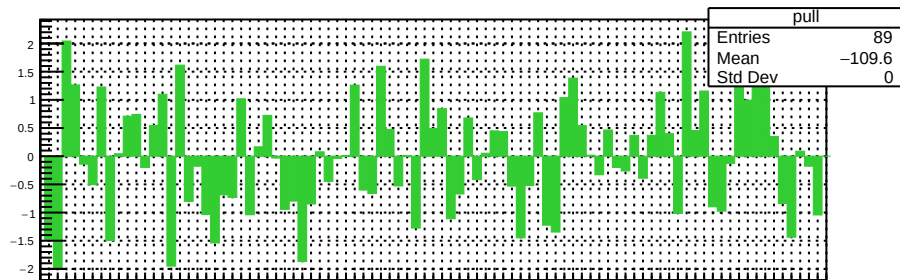
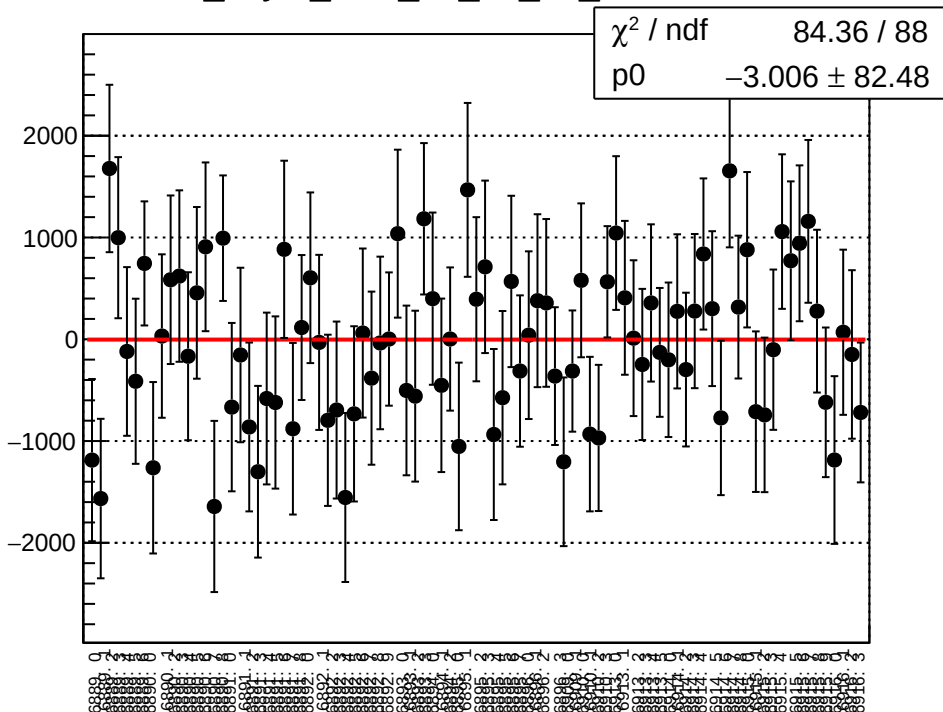
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asym_sam_24_68_dd_reg_correction_rms vs run



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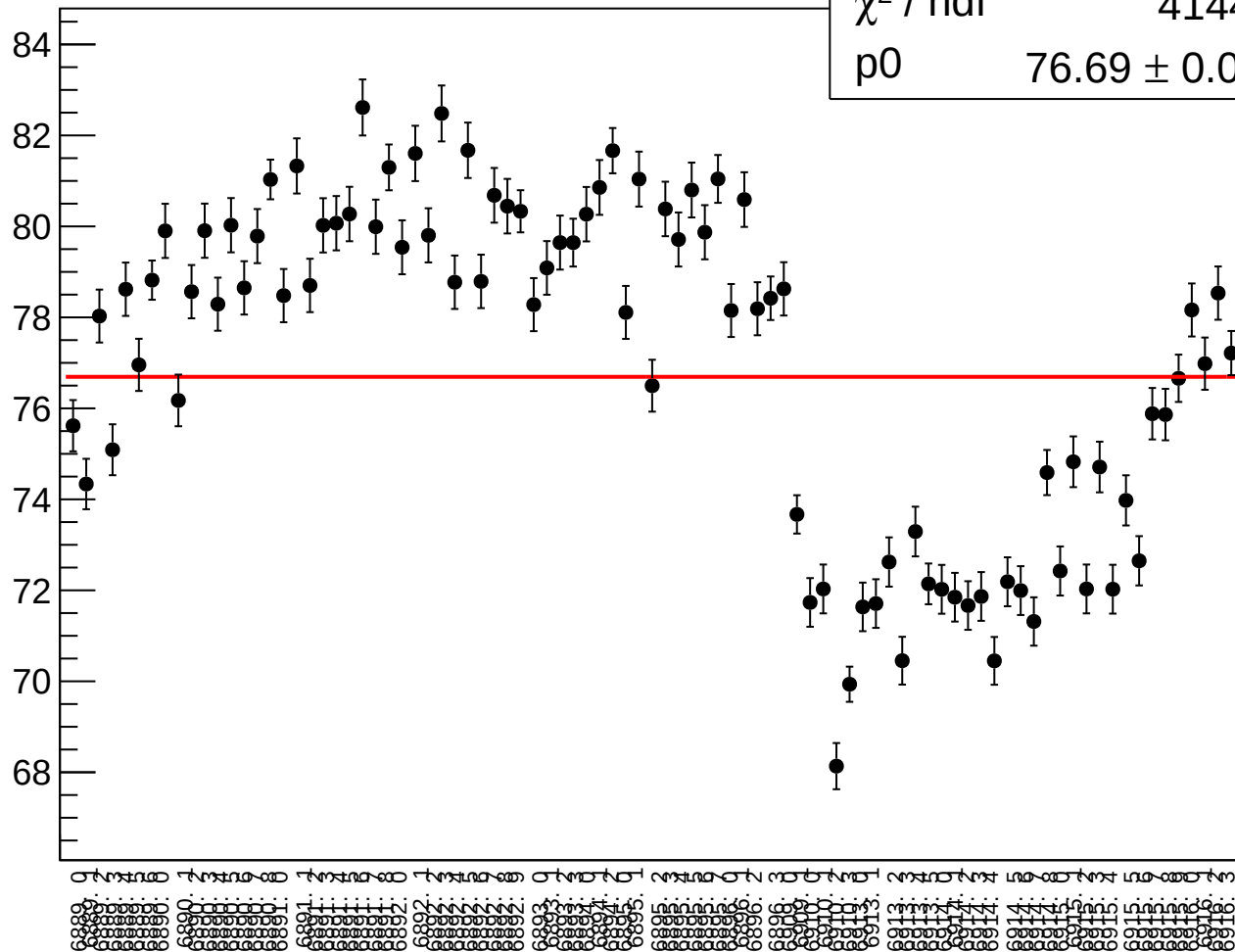
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χ^2 / ndf

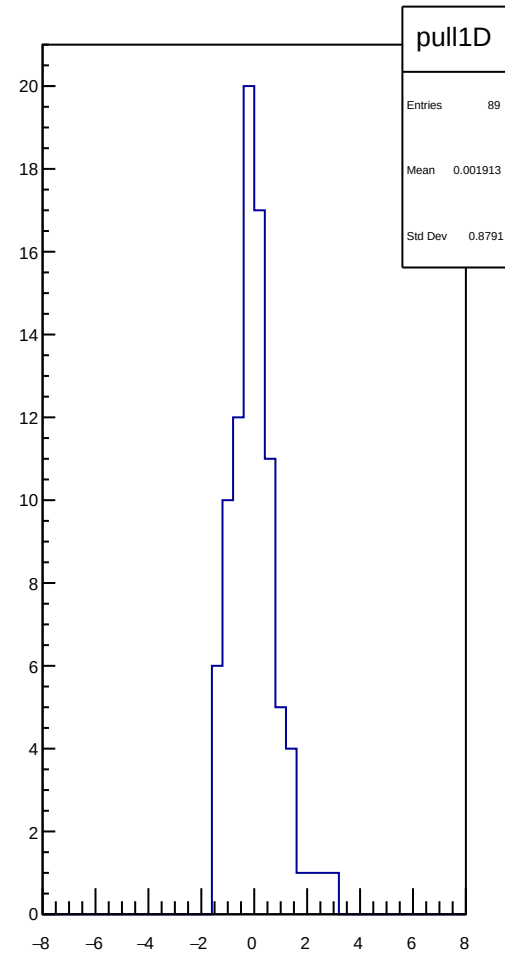
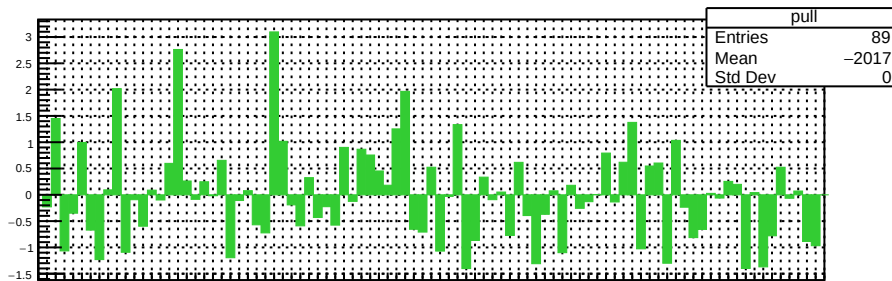
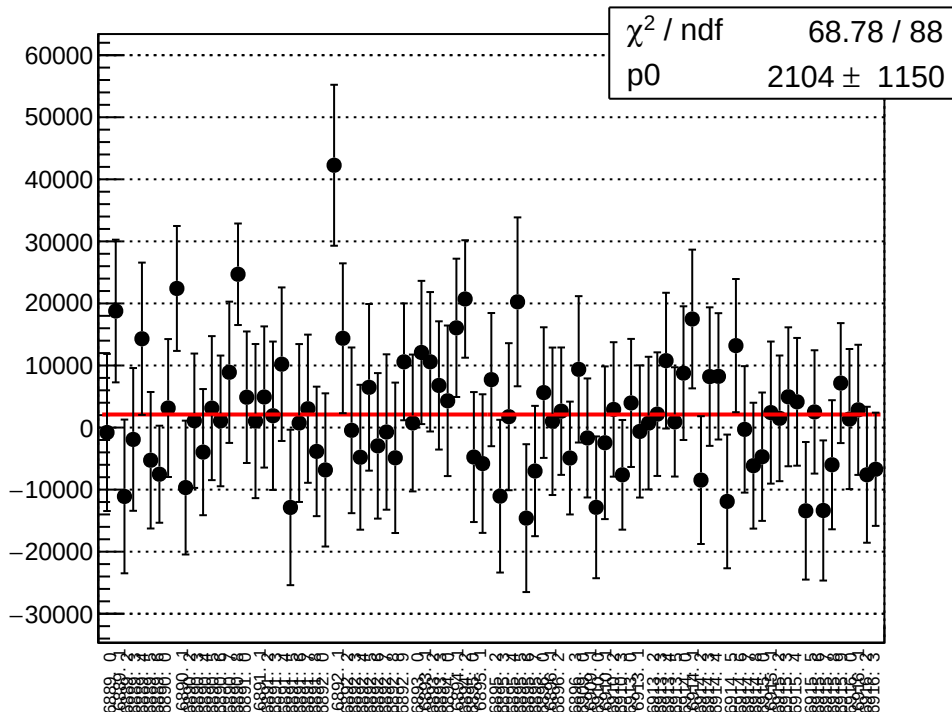
4144 / 88

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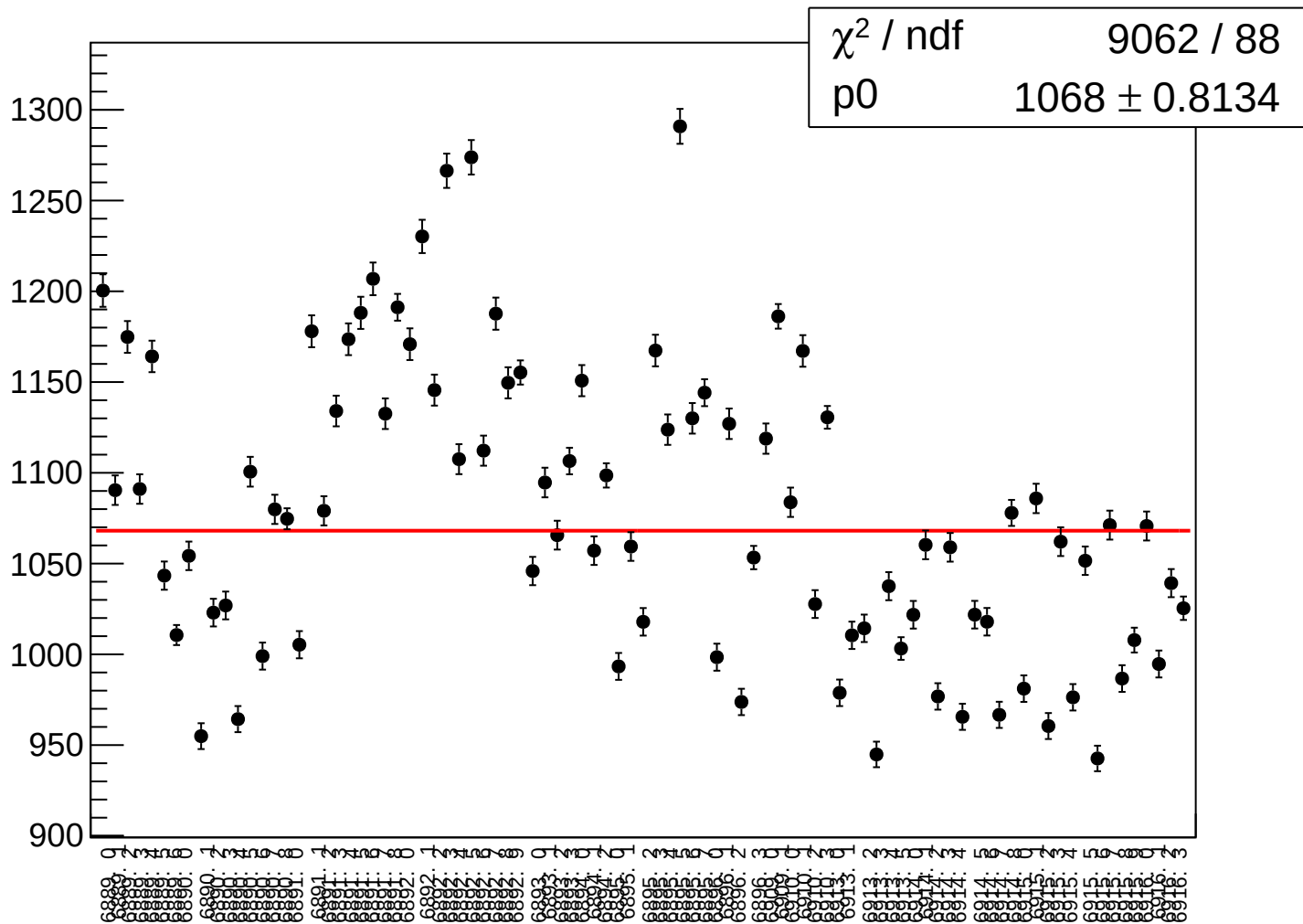
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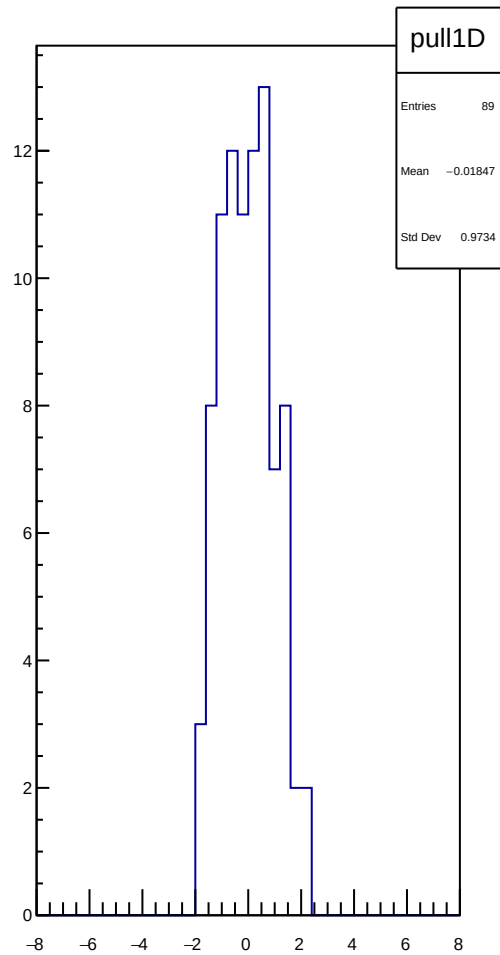
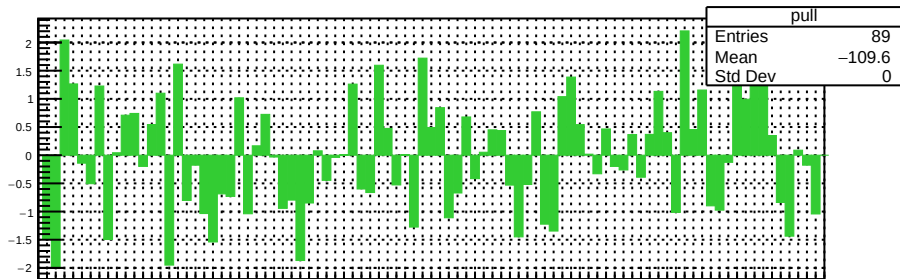
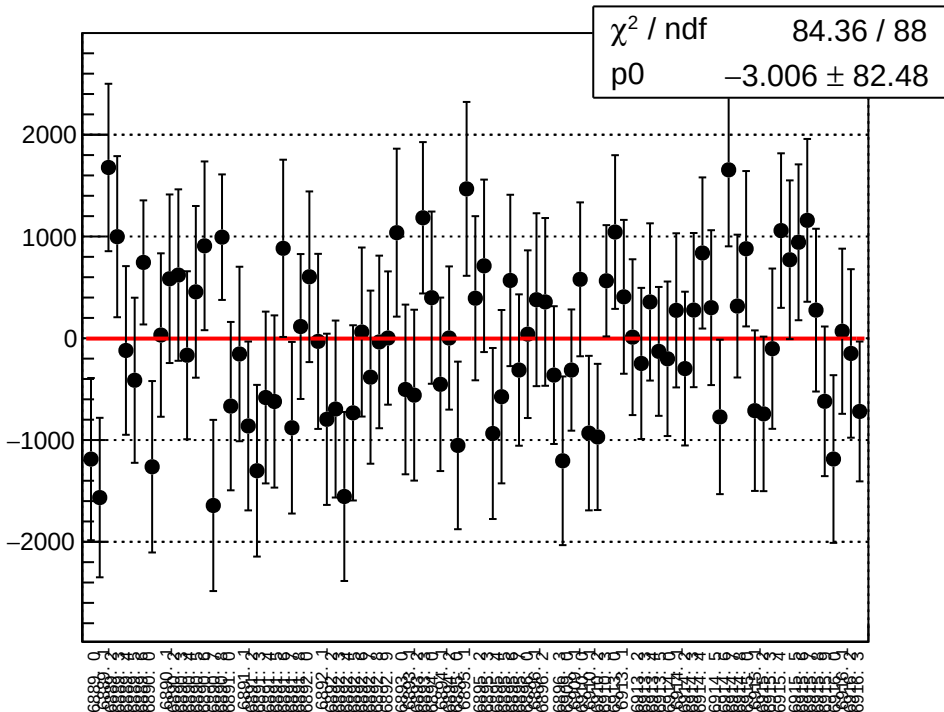
asym_sam_24_68_dd_cor_correction_mean vs run



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eigen_cor_asym_sam_24_68_dd_mean vs run



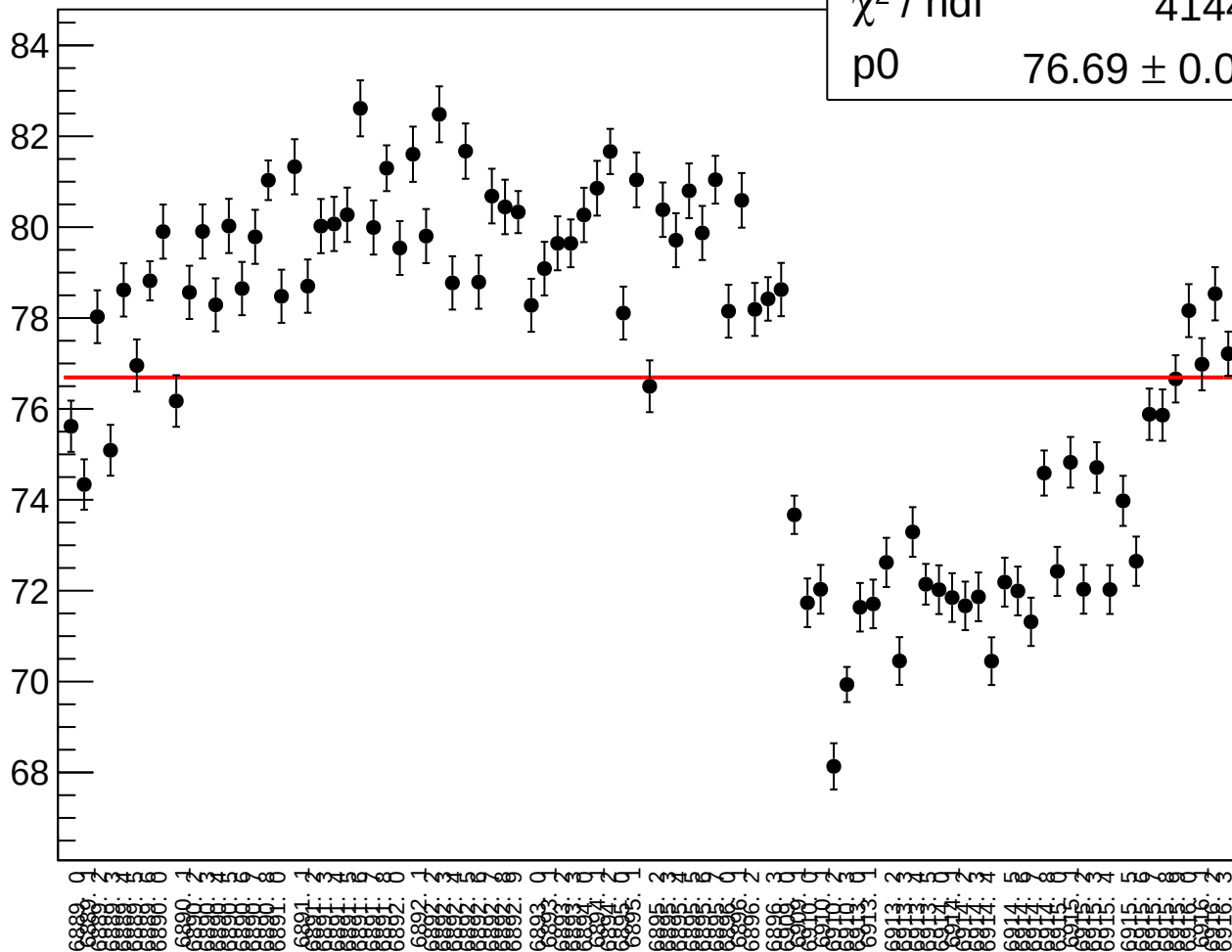
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χ^2 / ndf

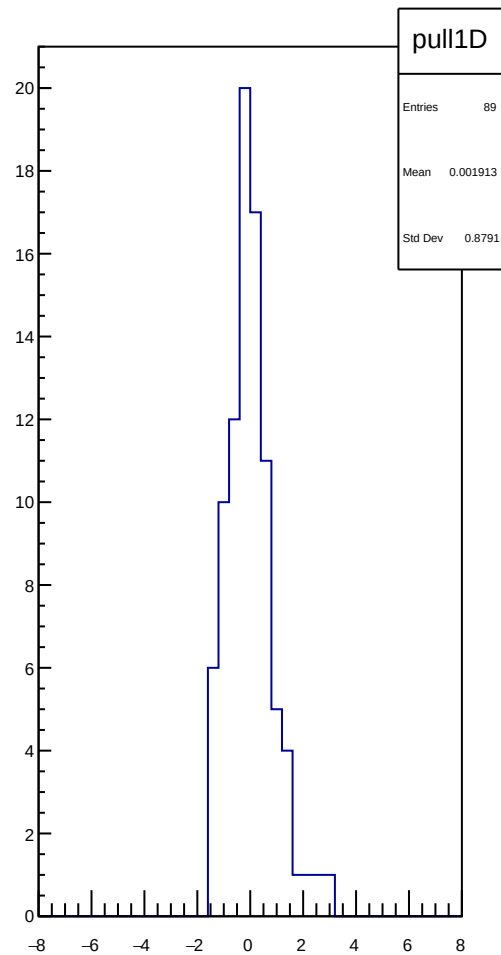
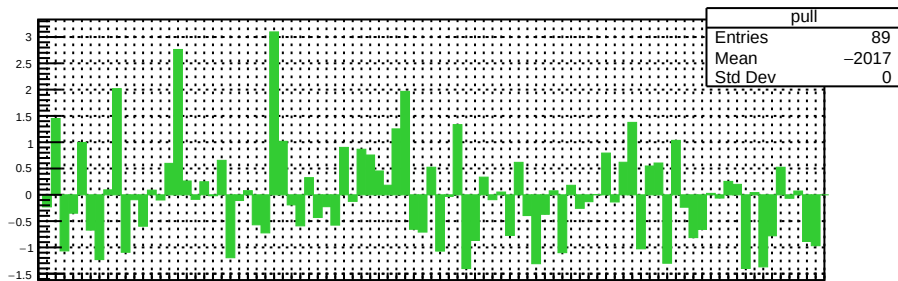
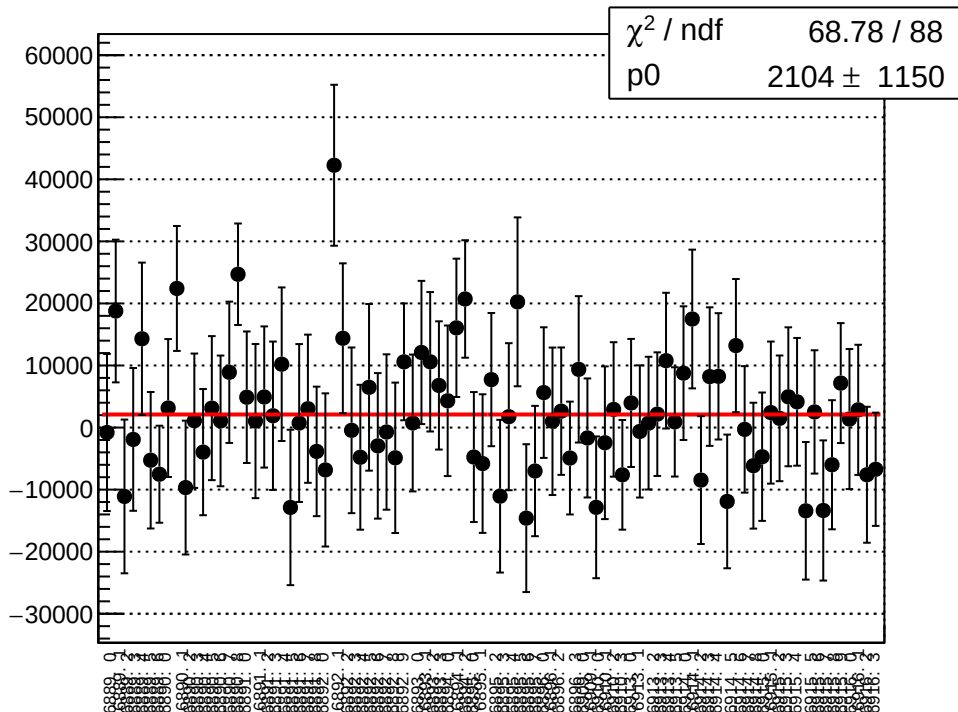
4144 / 88

p0

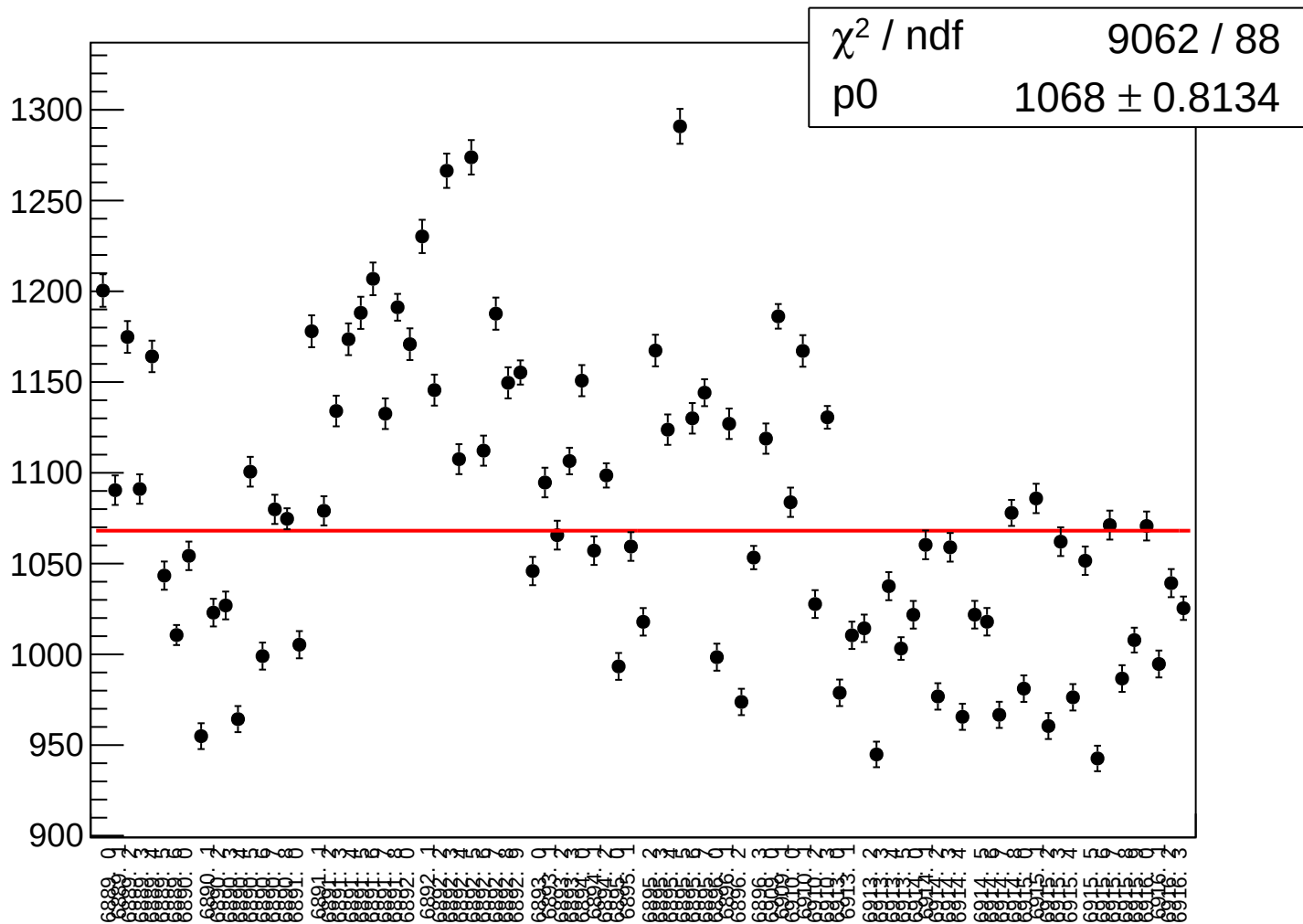
76.69 ± 0.05832



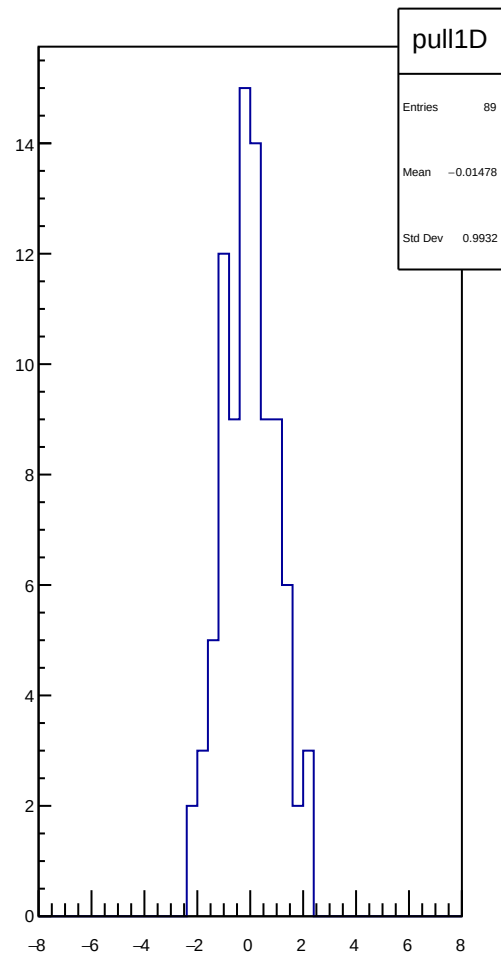
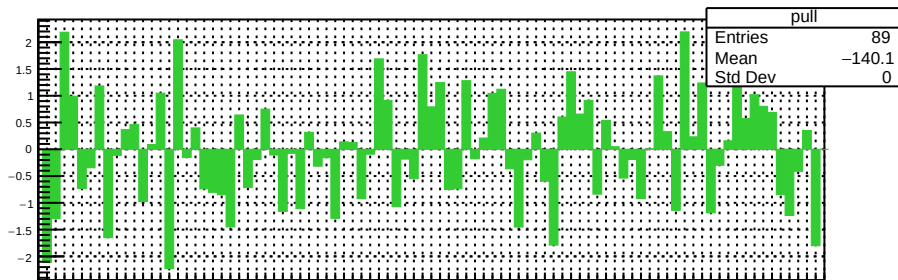
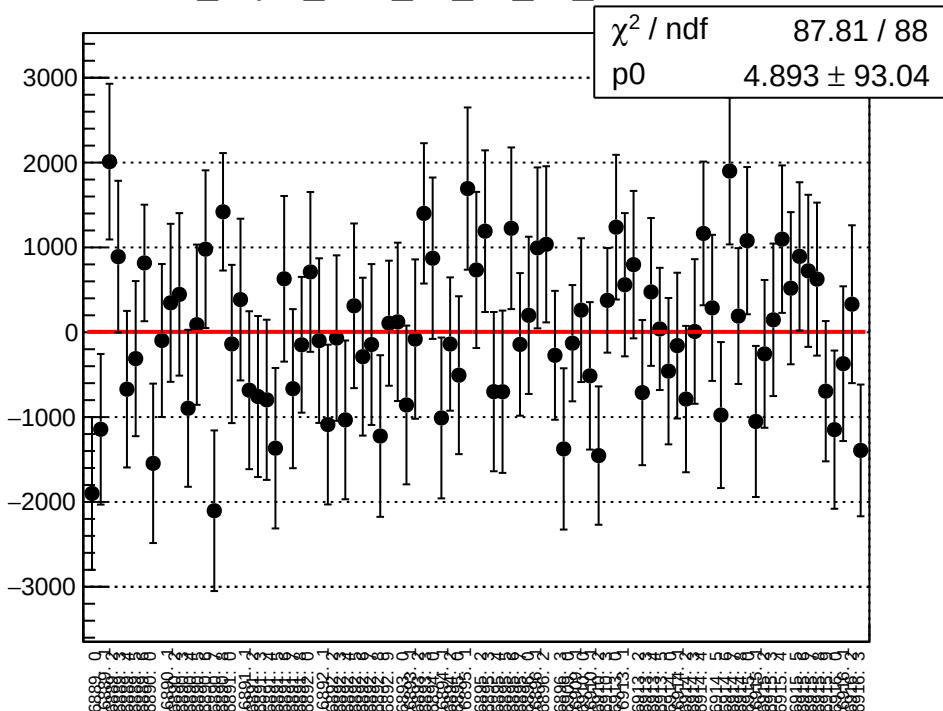
asym_sam_24_68_dd_eigen_cor_correction_mean vs run



asym_sam_24_68_dd_eigen_cor_correction_rms vs run



dit_asym_sam_24_68_dd_mean vs run



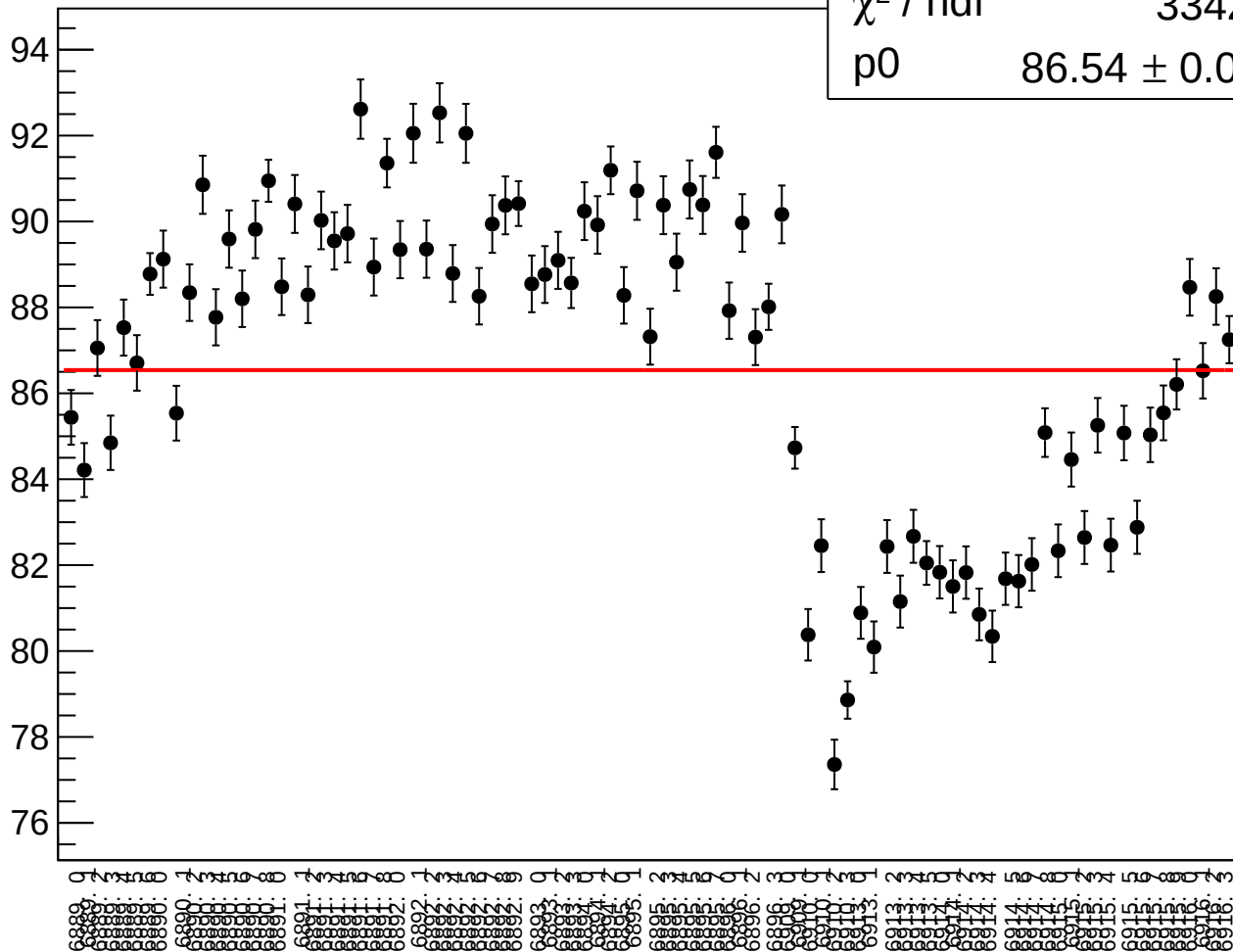
dit_asym_sam_24_68_dd_rms vs run

χ^2 / ndf

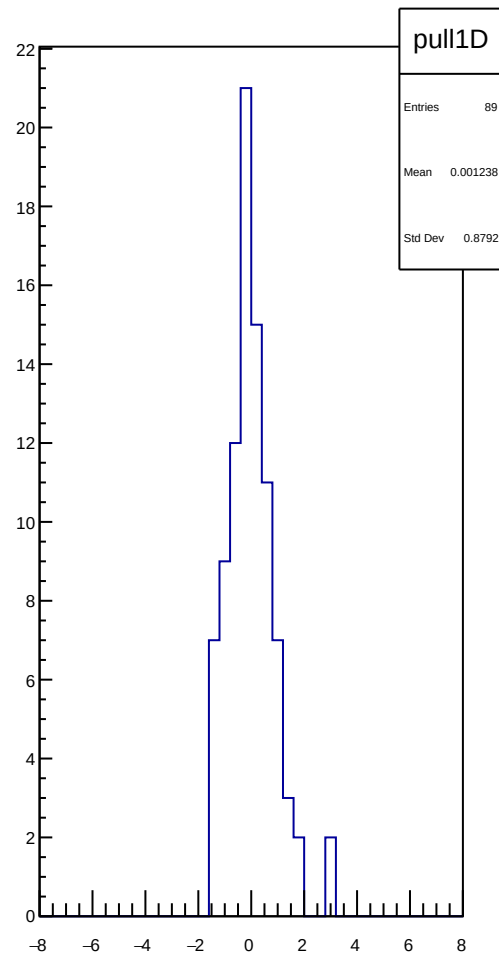
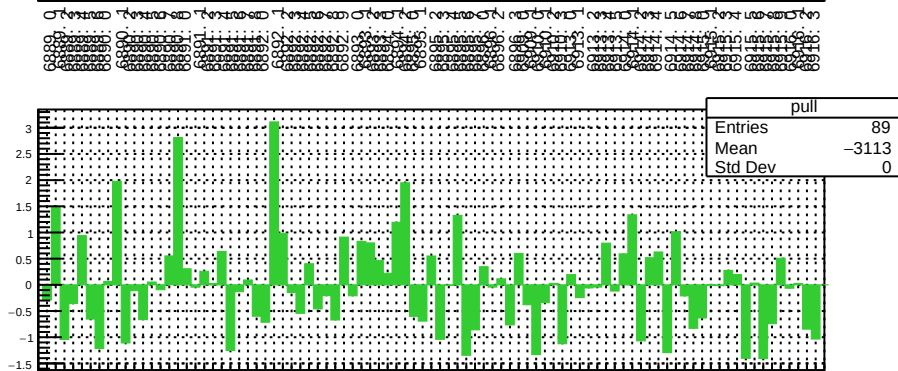
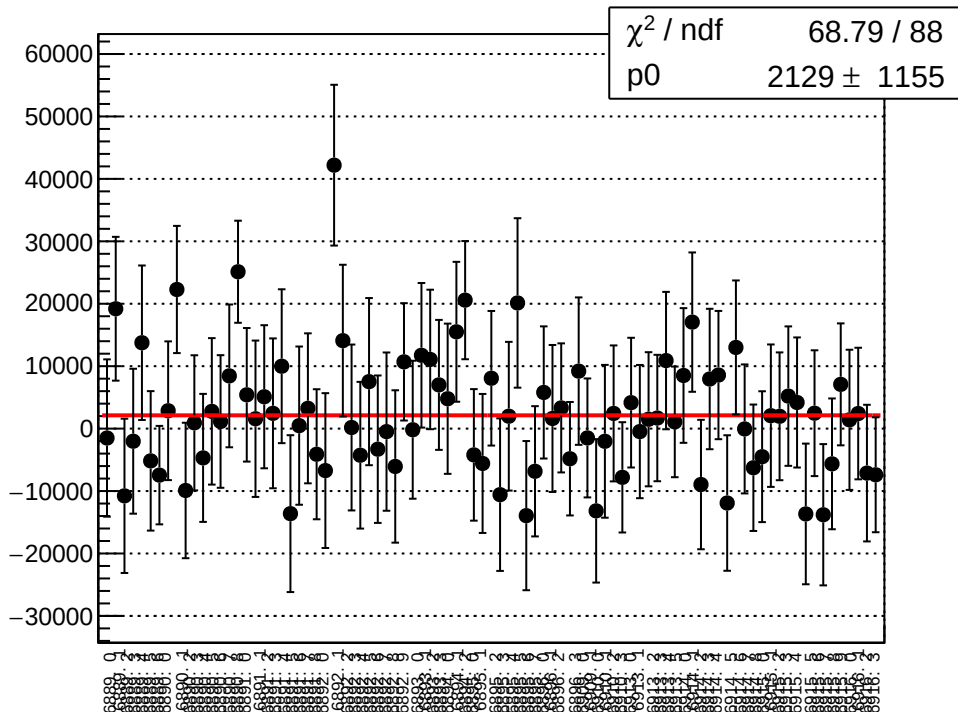
3342 / 88

p0

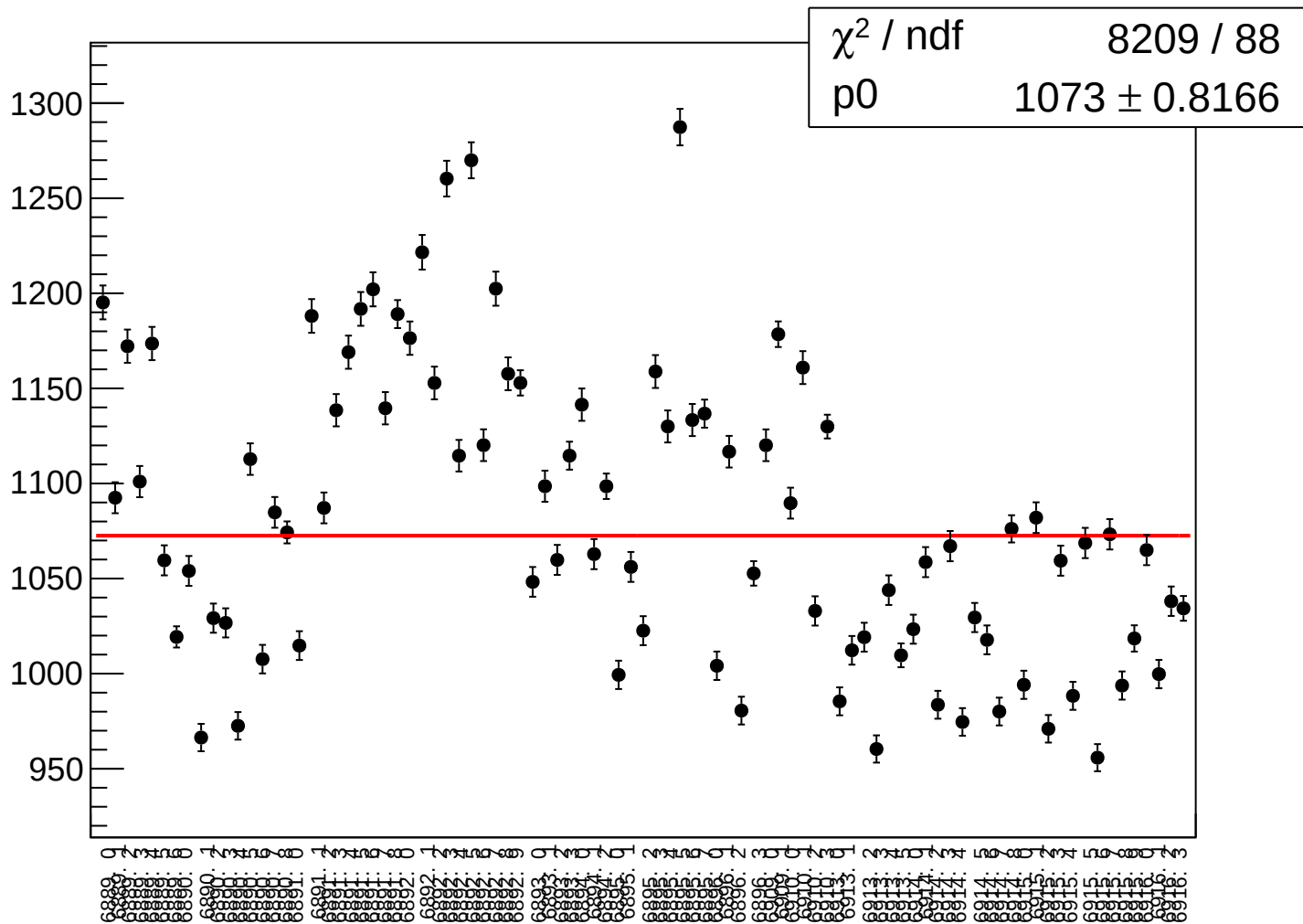
86.54 ± 0.06579



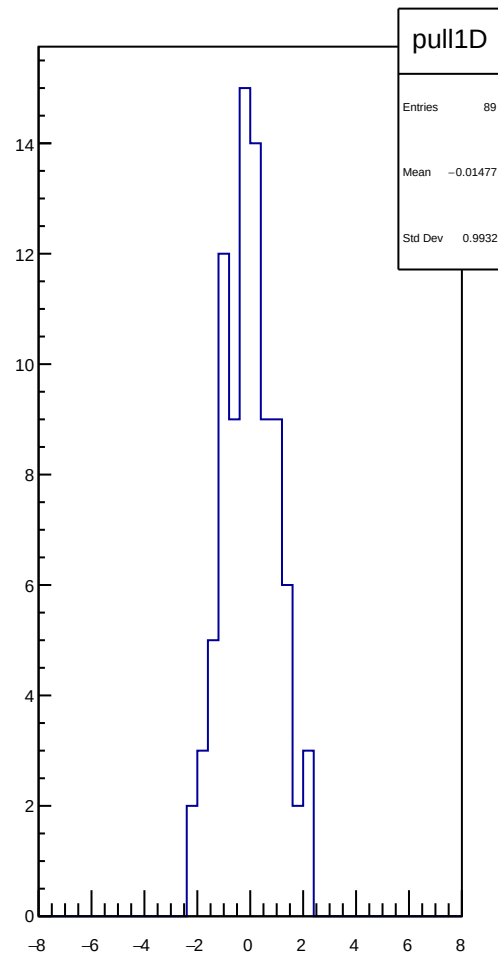
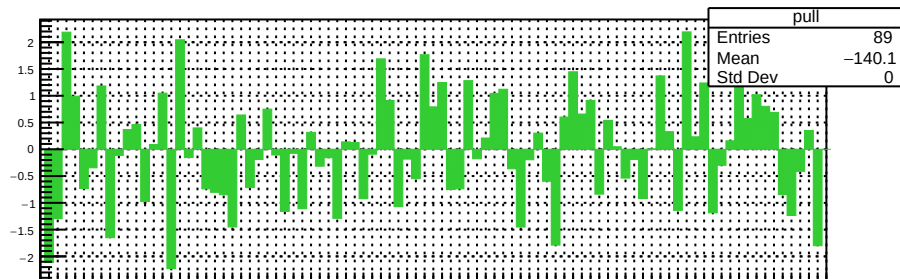
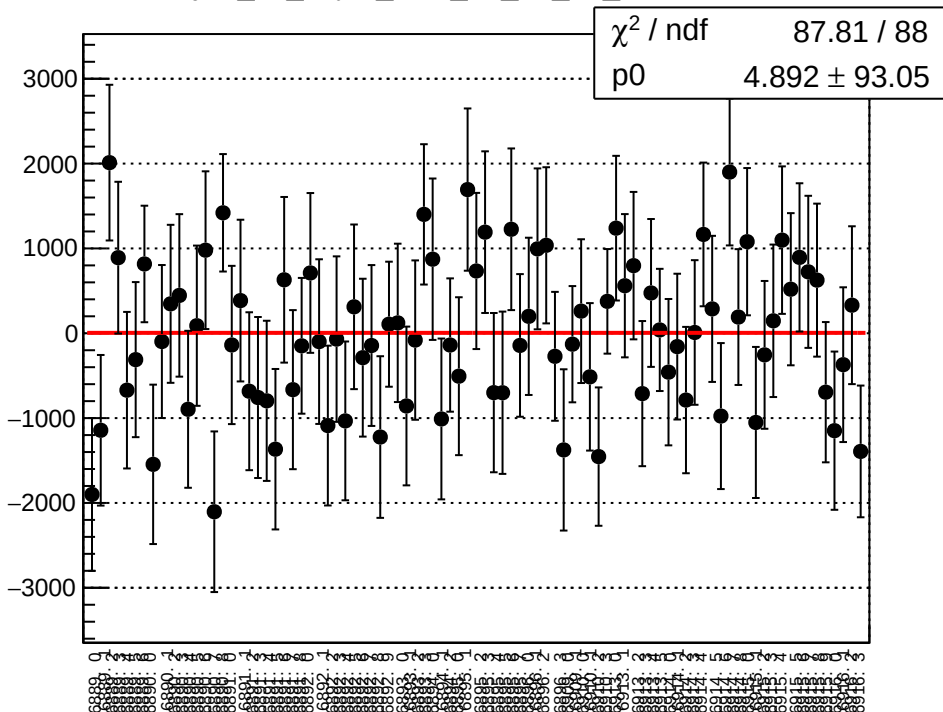
asym_sam_24_68_dd_dit_correction_mean vs run



asym_sam_24_68_dd_dit_correction_rms vs run



eigen_dit_asym_sam_24_68_dd_mean vs run



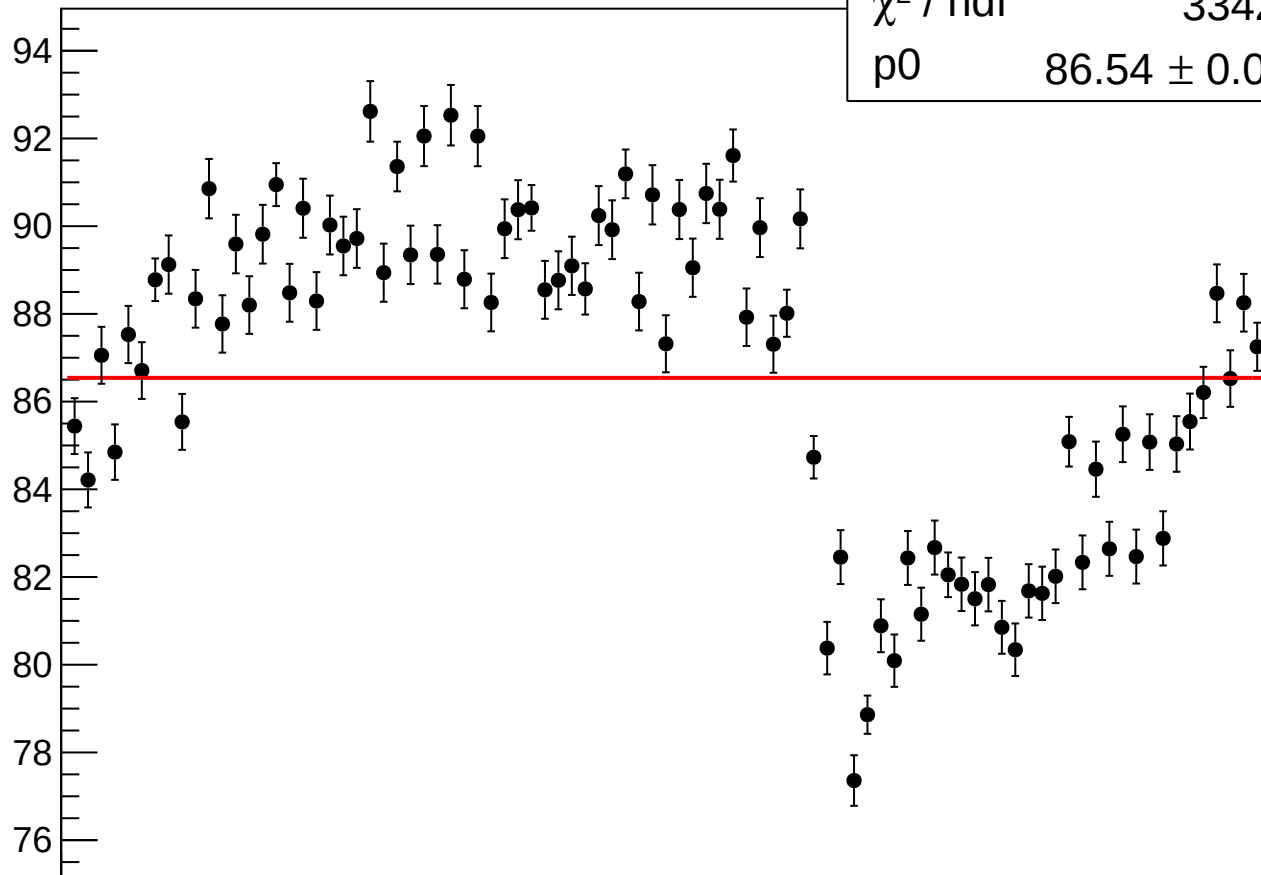
eigen_dit_asym_sam_24_68_dd_rms vs run

χ^2 / ndf

3342 / 88

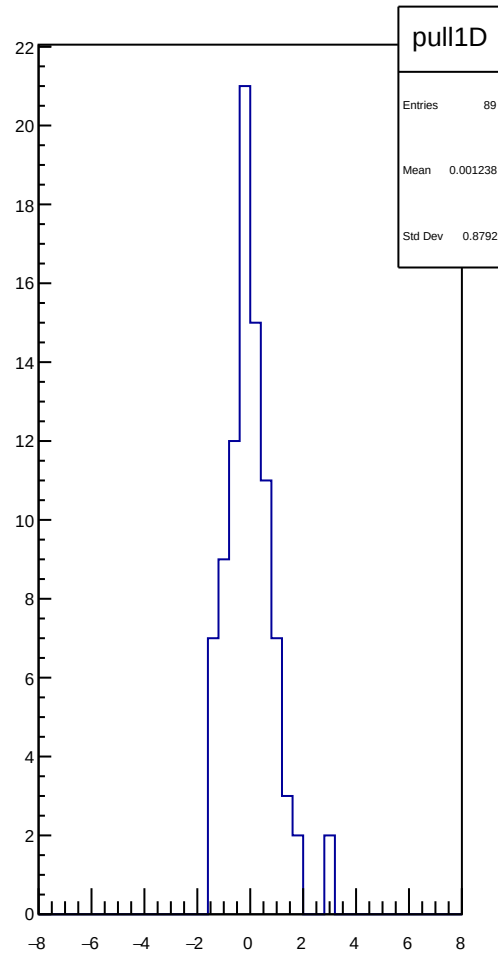
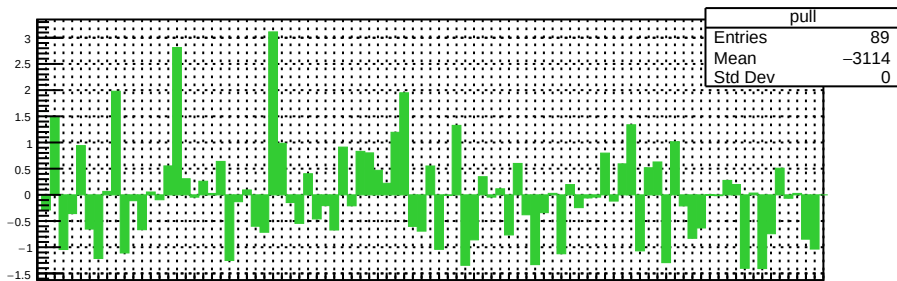
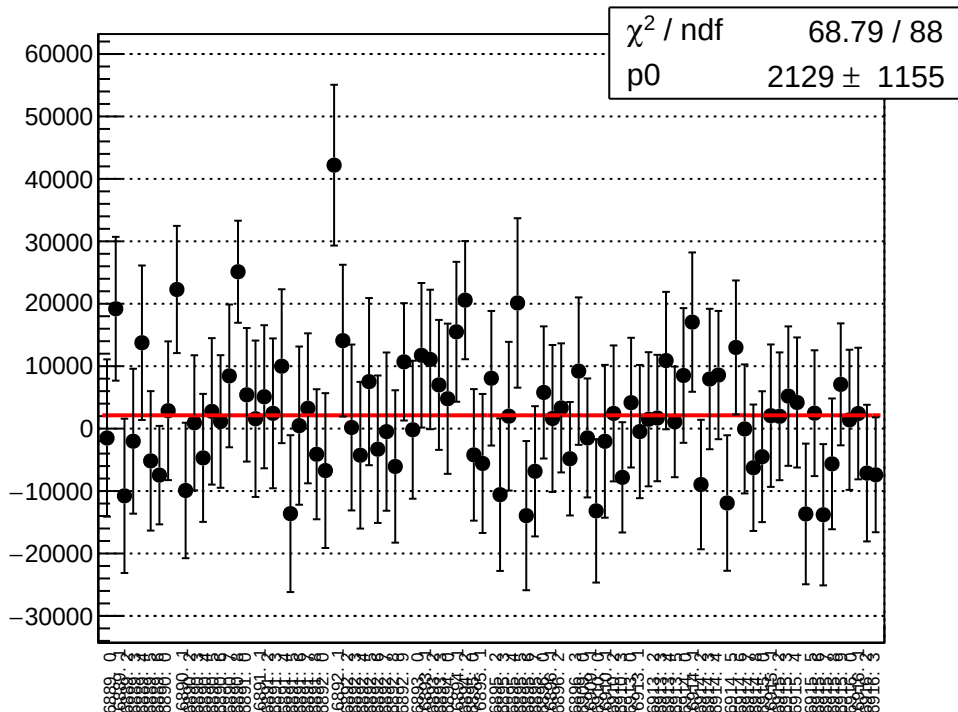
p0

86.54 ± 0.06579

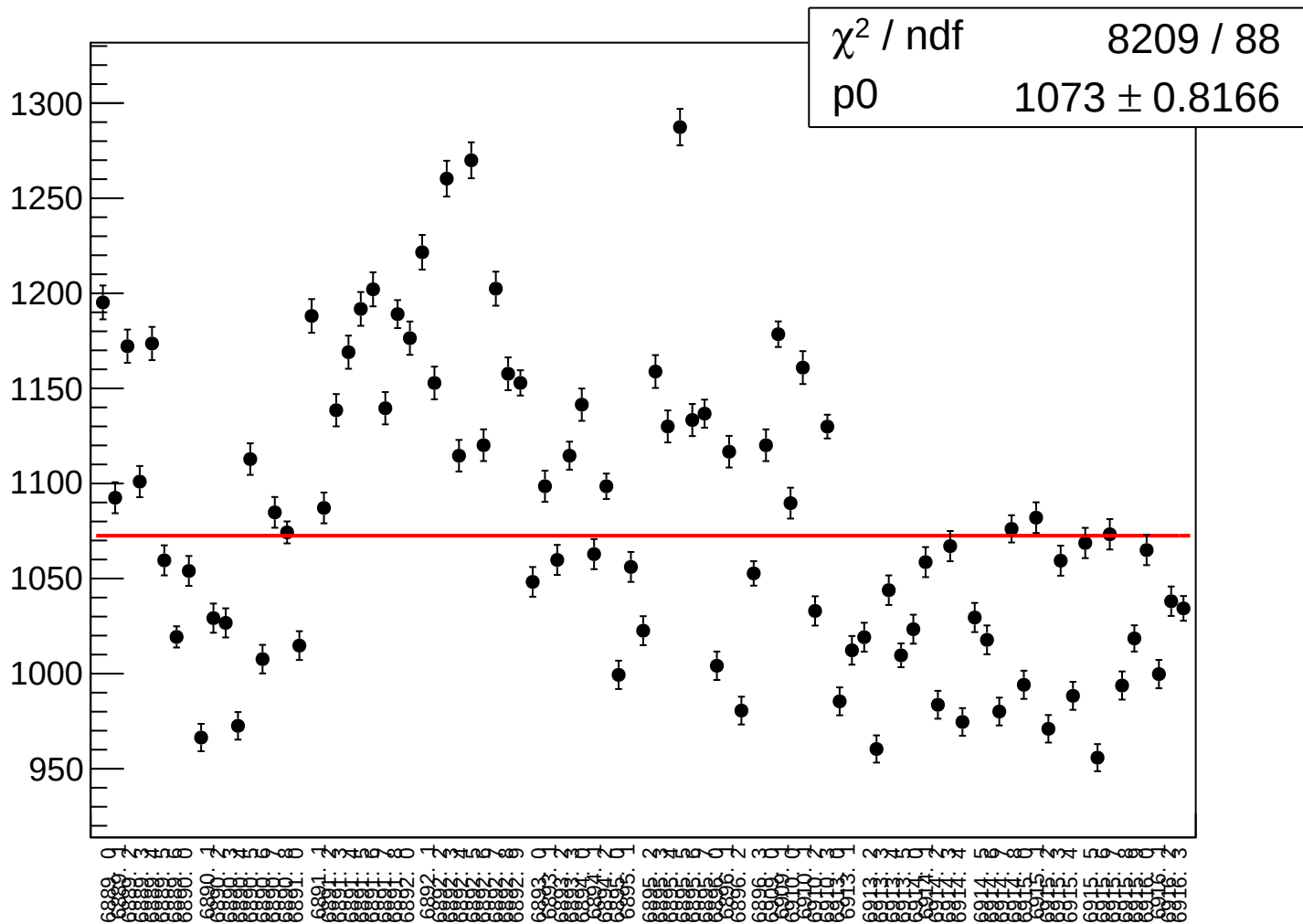


Horizontal lines
 Vertical lines
 Diagonal lines (TL-BR)
 Diagonal lines (BL-TR)
 Grid
 Horizontal lines
 Vertical lines
 Diagonal lines (TL-BR)
 Diagonal lines (BL-TR)
 Grid

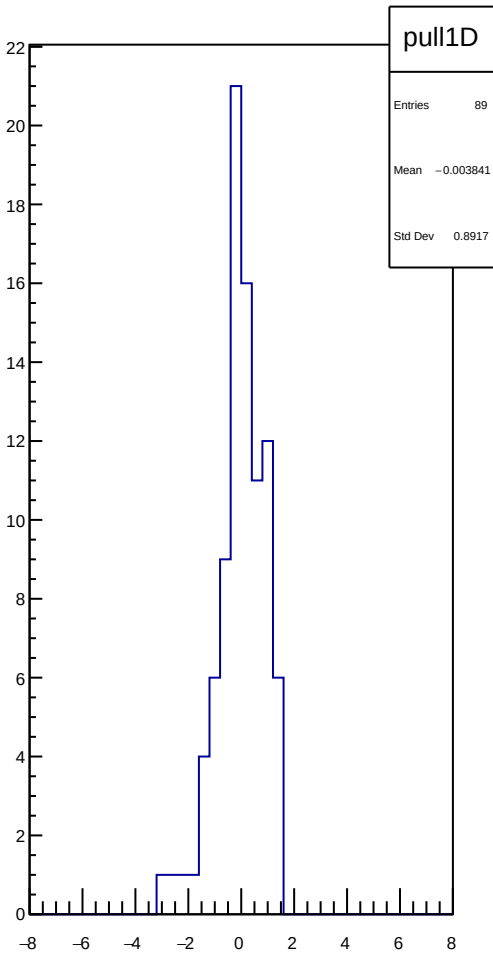
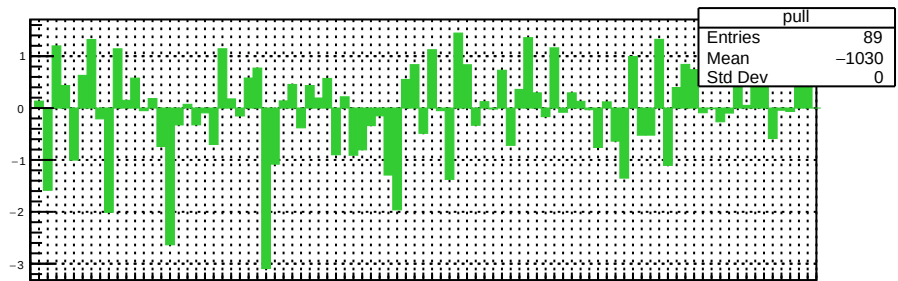
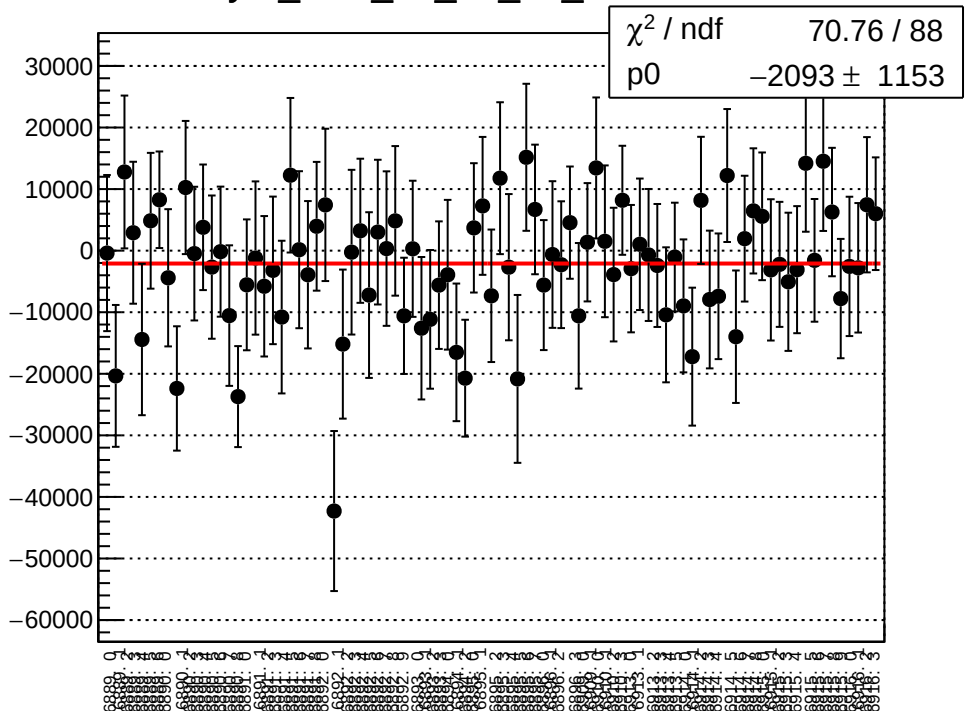
asym_sam_24_68_dd_eigen_dit_correction_mean vs run



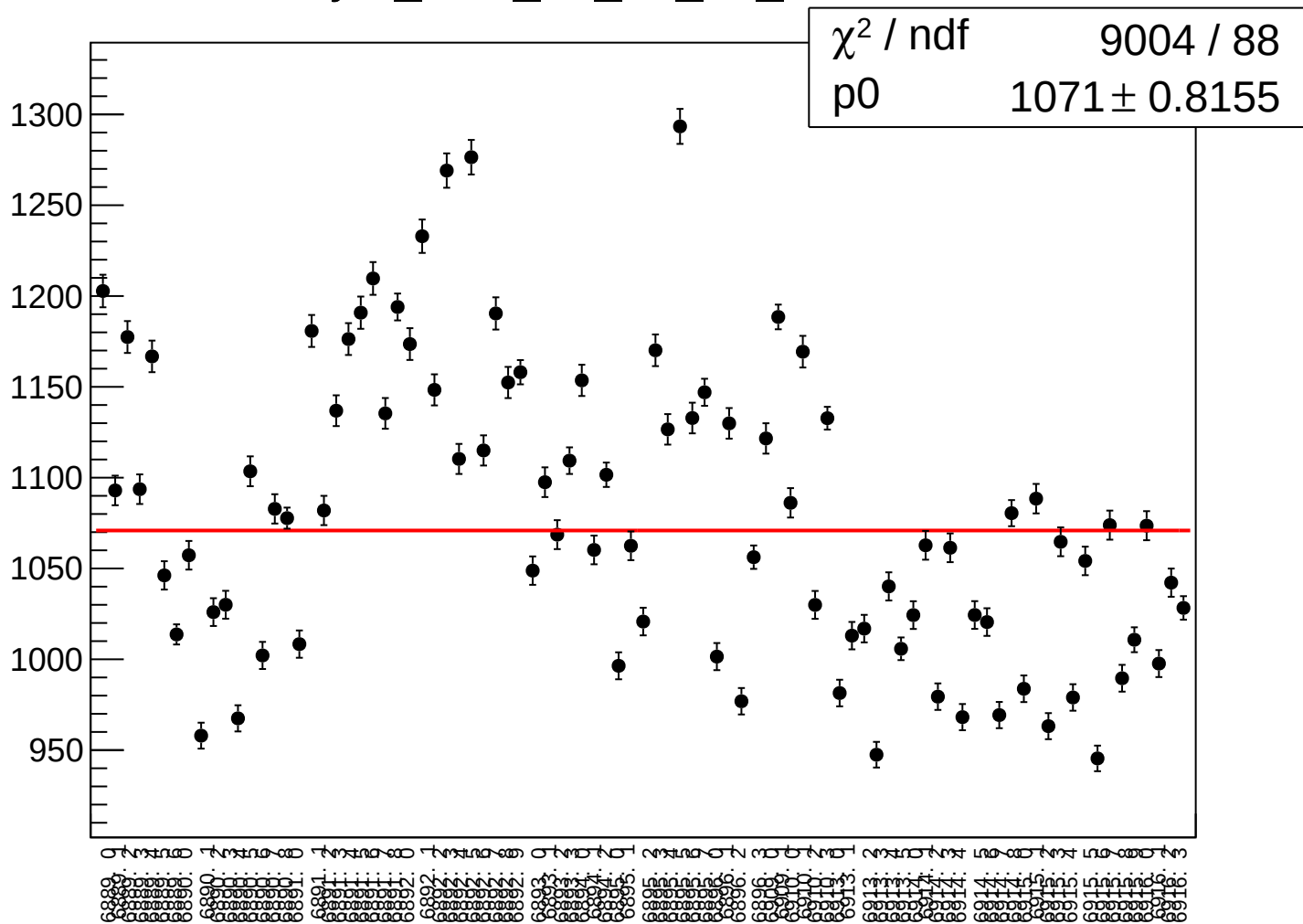
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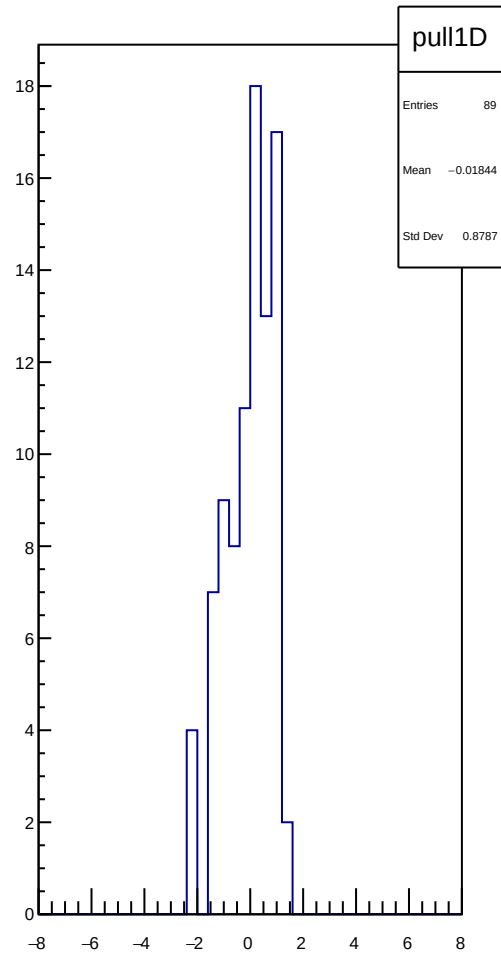
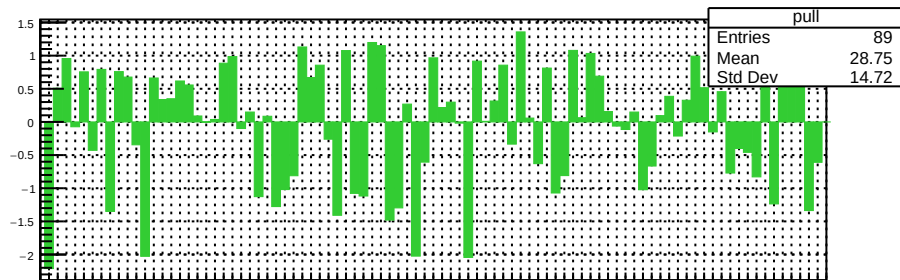
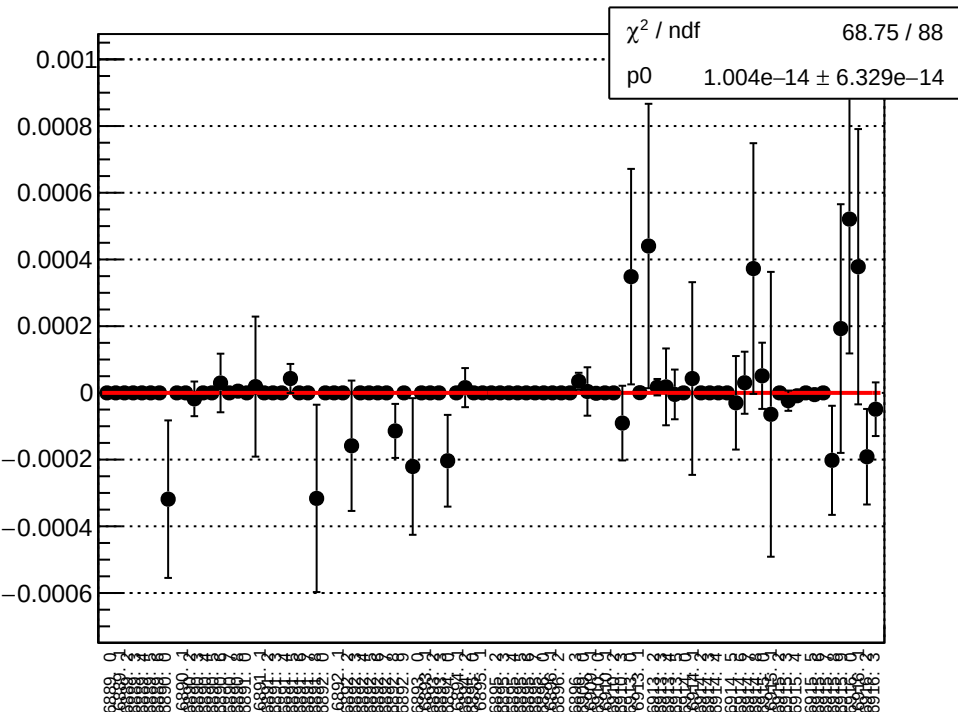
asym_sam_24_68_dd_mean vs run



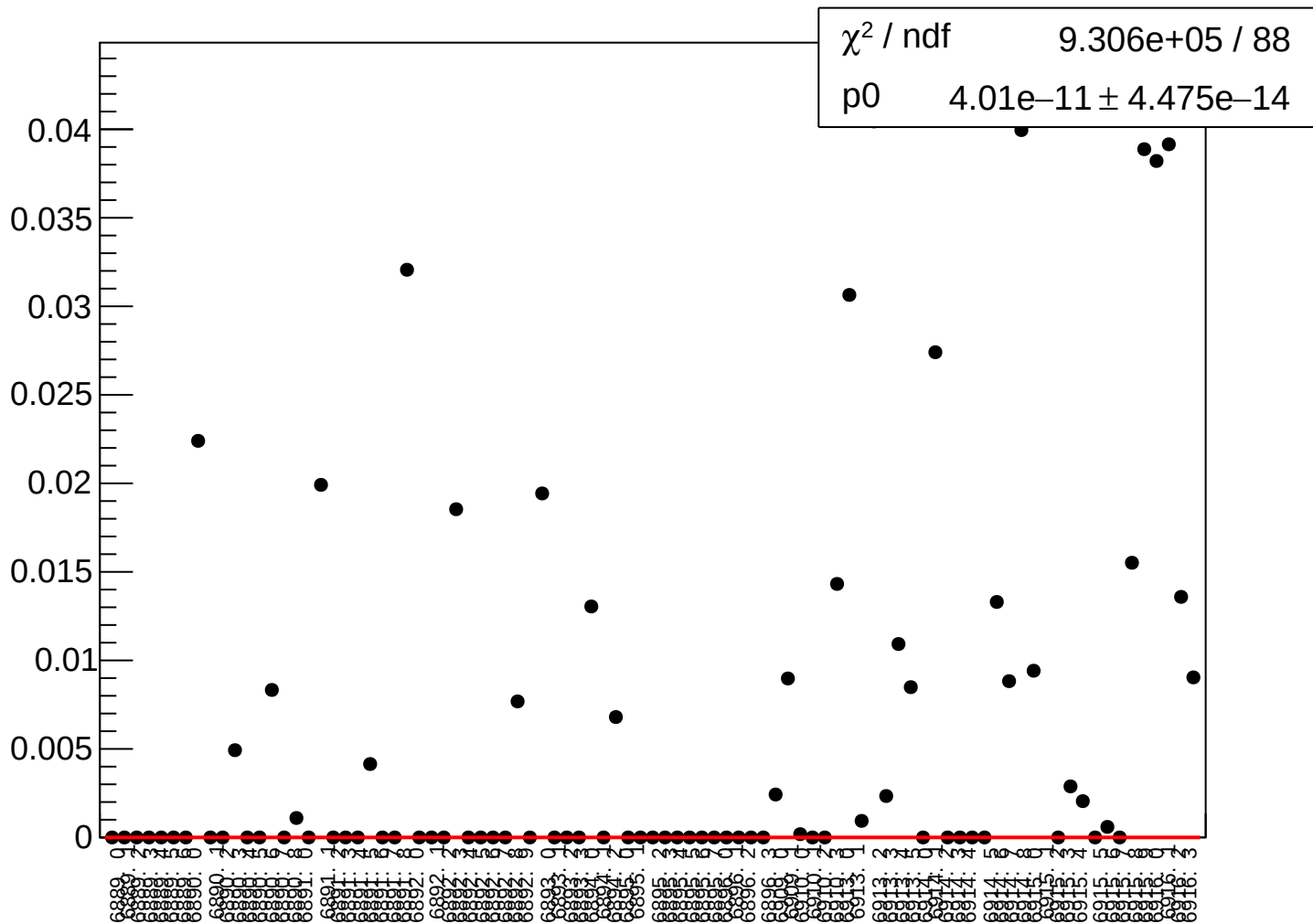
asym_sam_24_68_dd_rms vs run



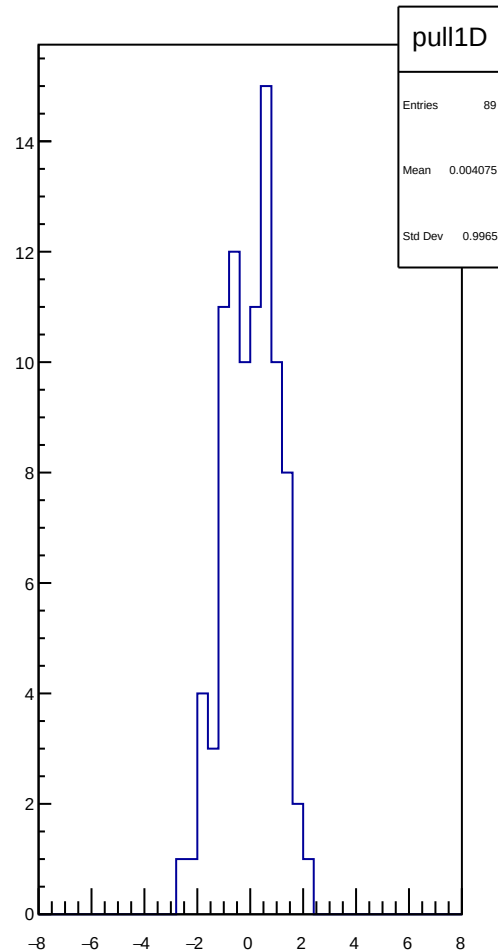
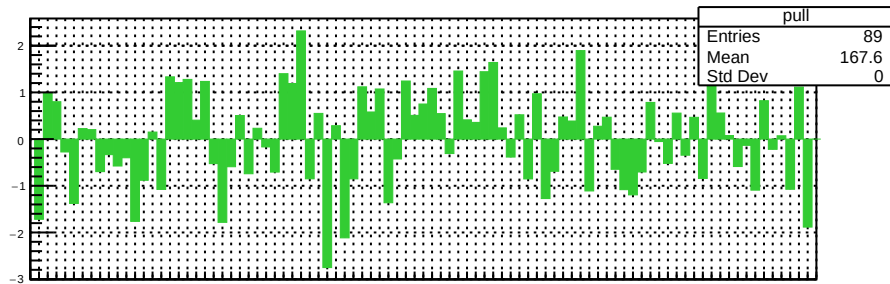
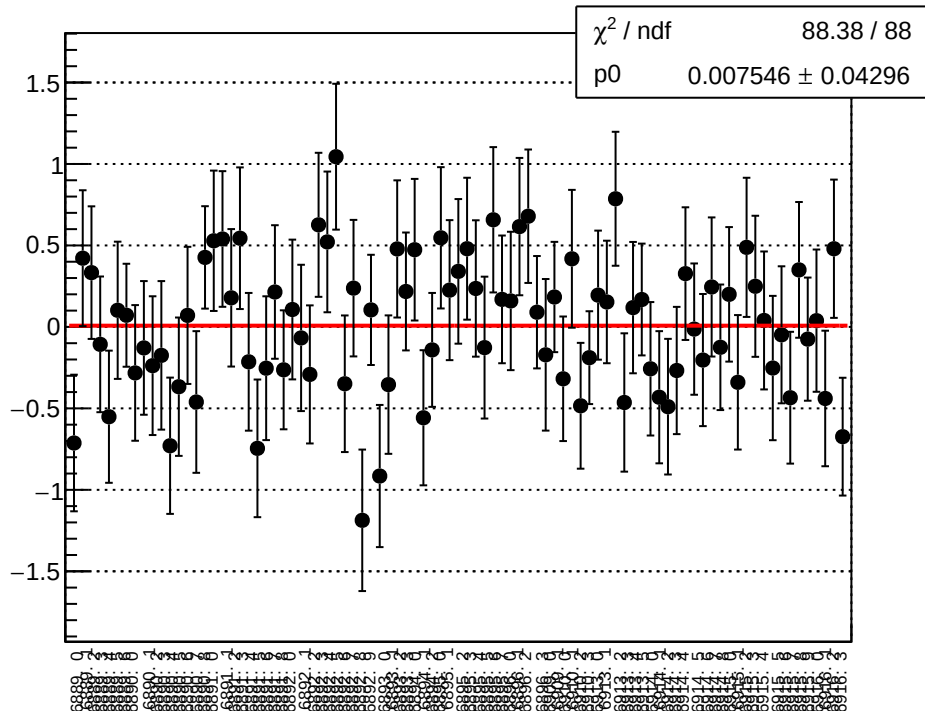
asym_sam_24_68_dd_reg_vs_cor_diff_mean vs run



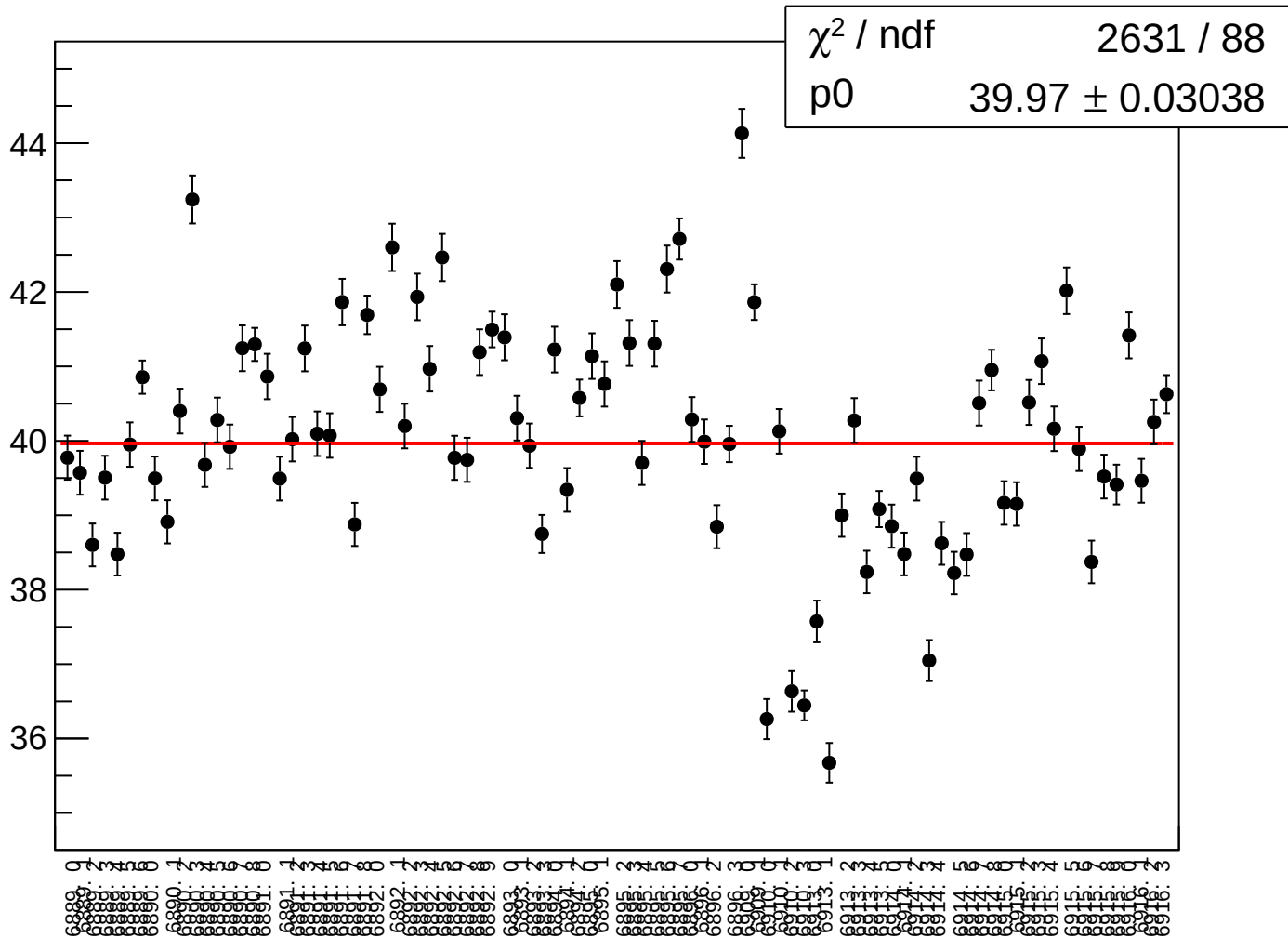
asym_sam_24_68_dd_reg_vs_cor_diff_rms vs run



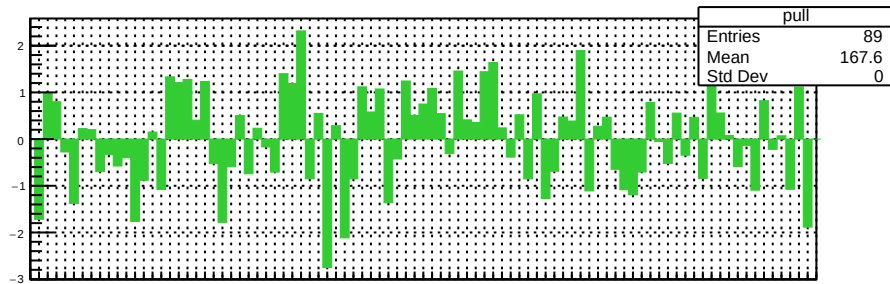
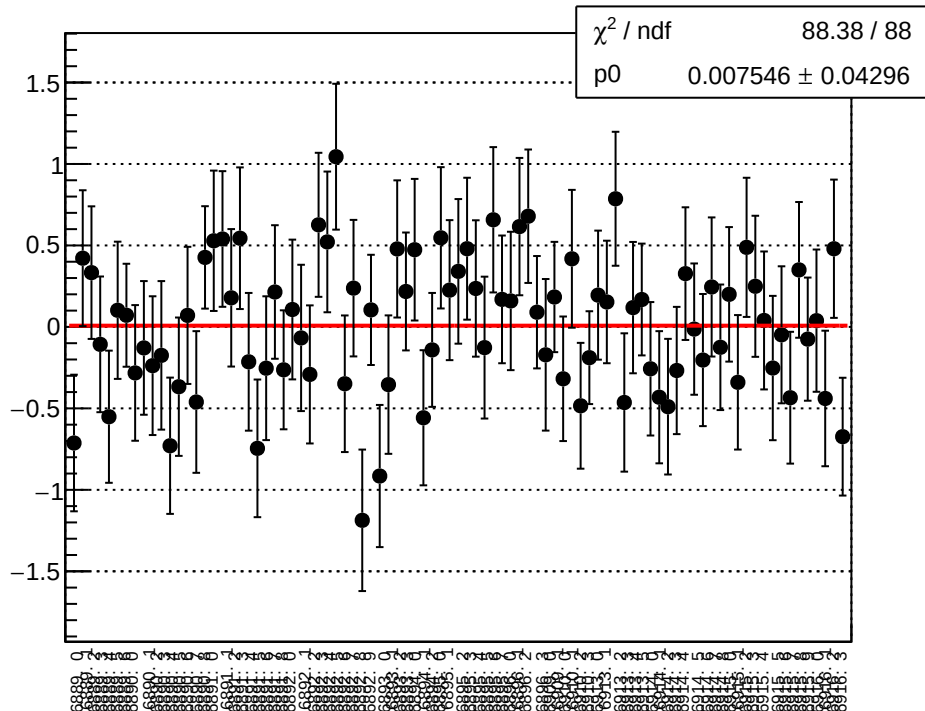
asym_sam_24_68_dd_dit_vs_cor_diff_mean vs run



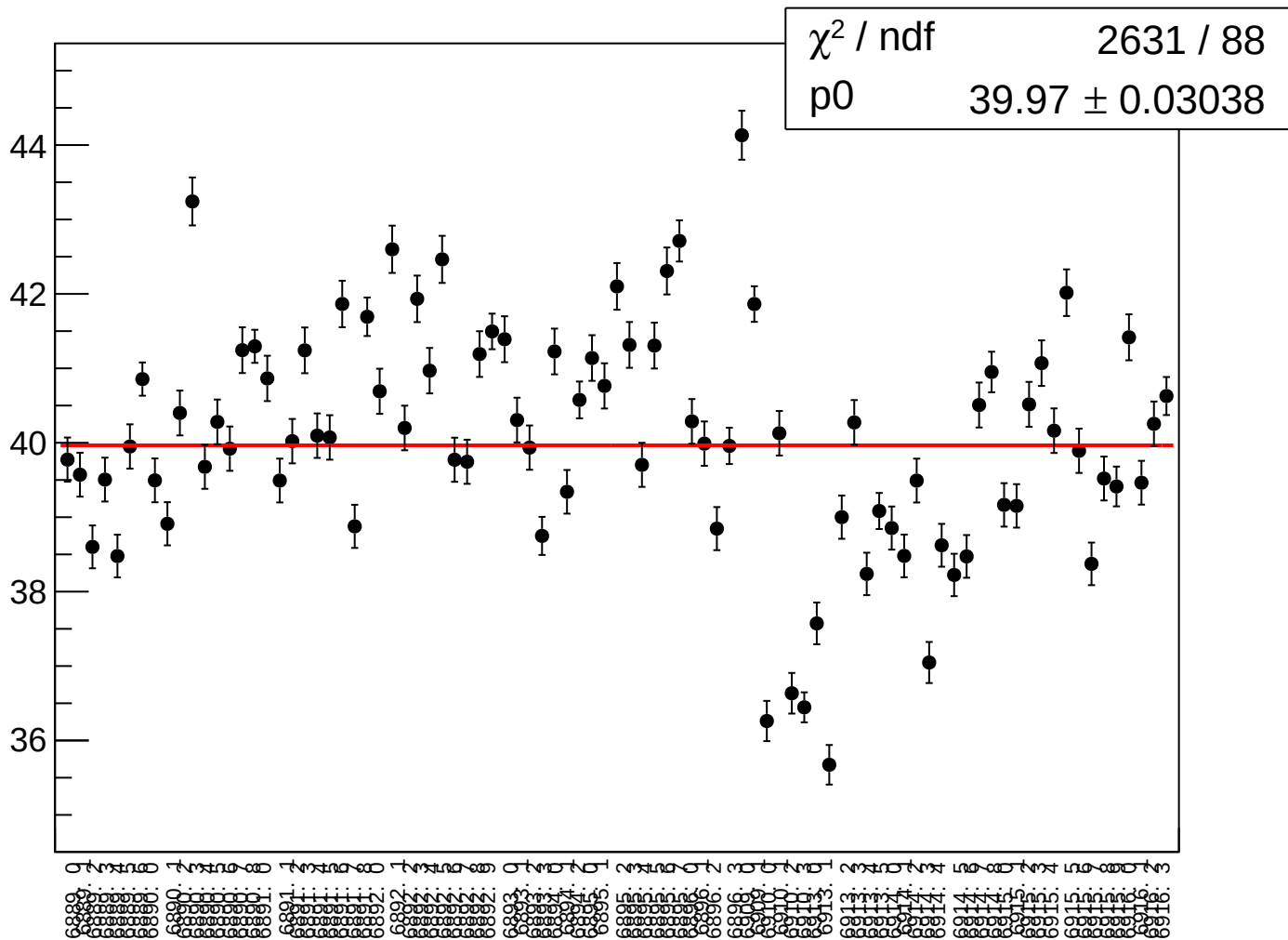
asym_sam_24_68_dd_dit_vs_cor_diff_rms vs run



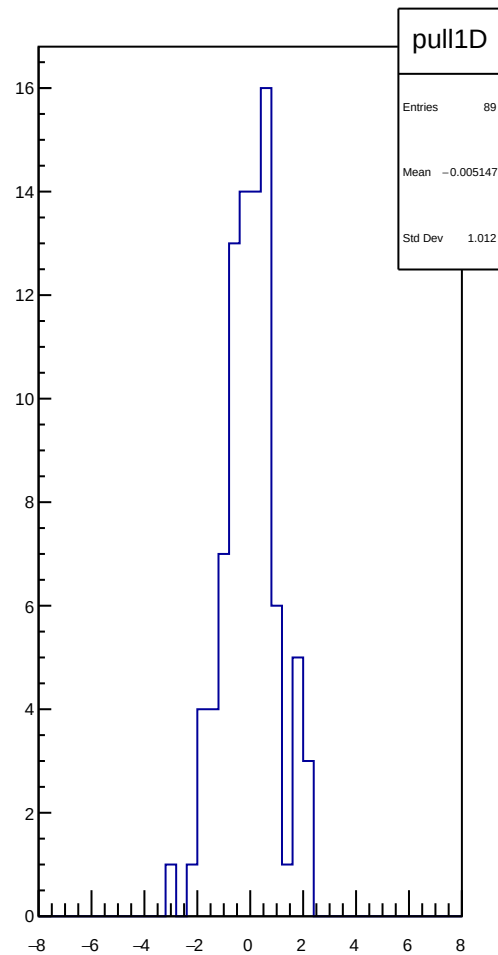
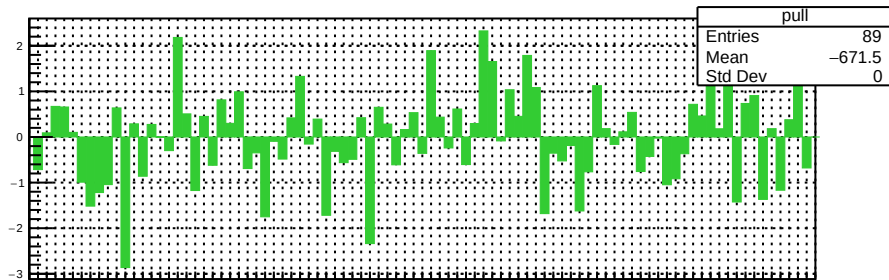
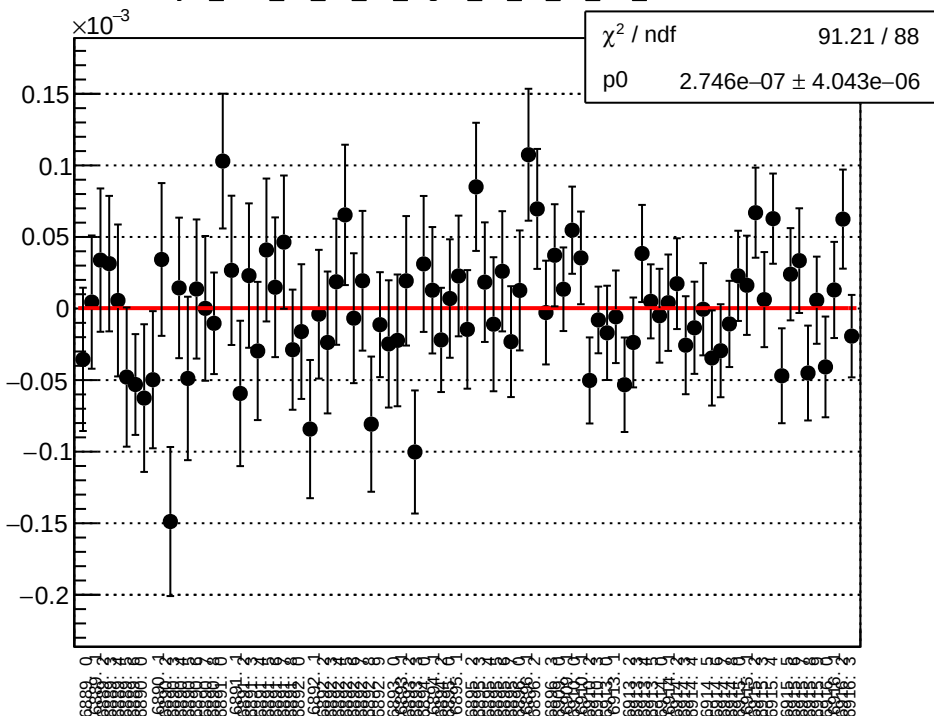
asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs run



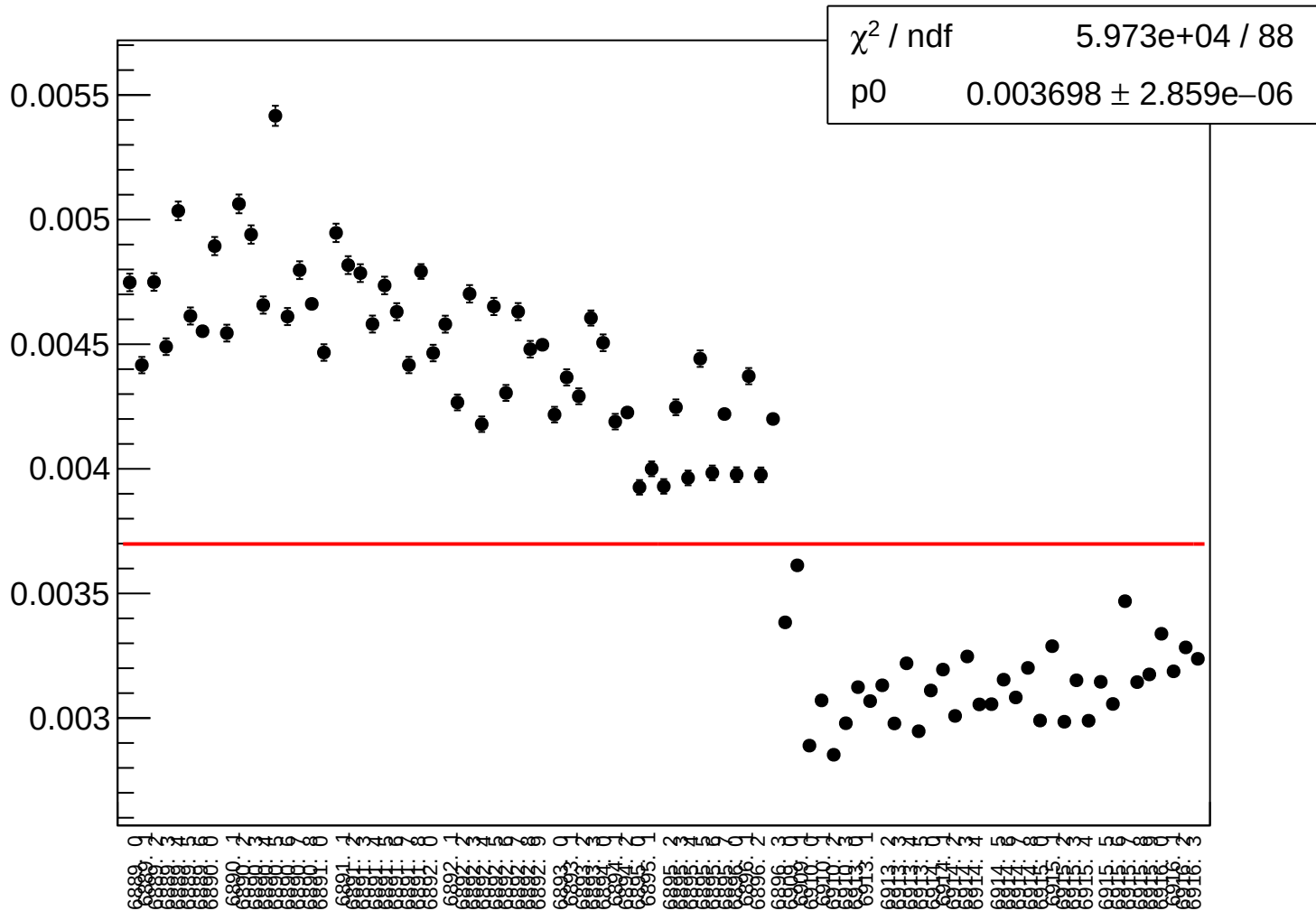
asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs run



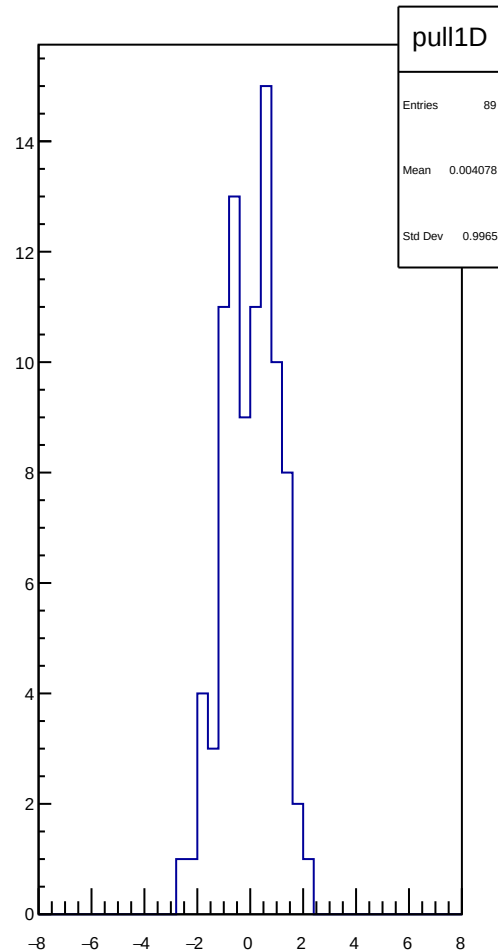
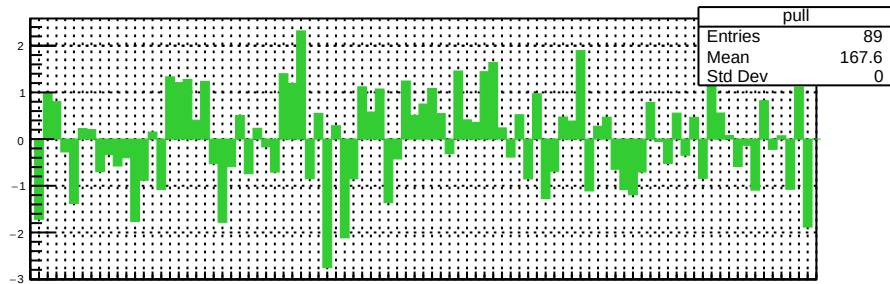
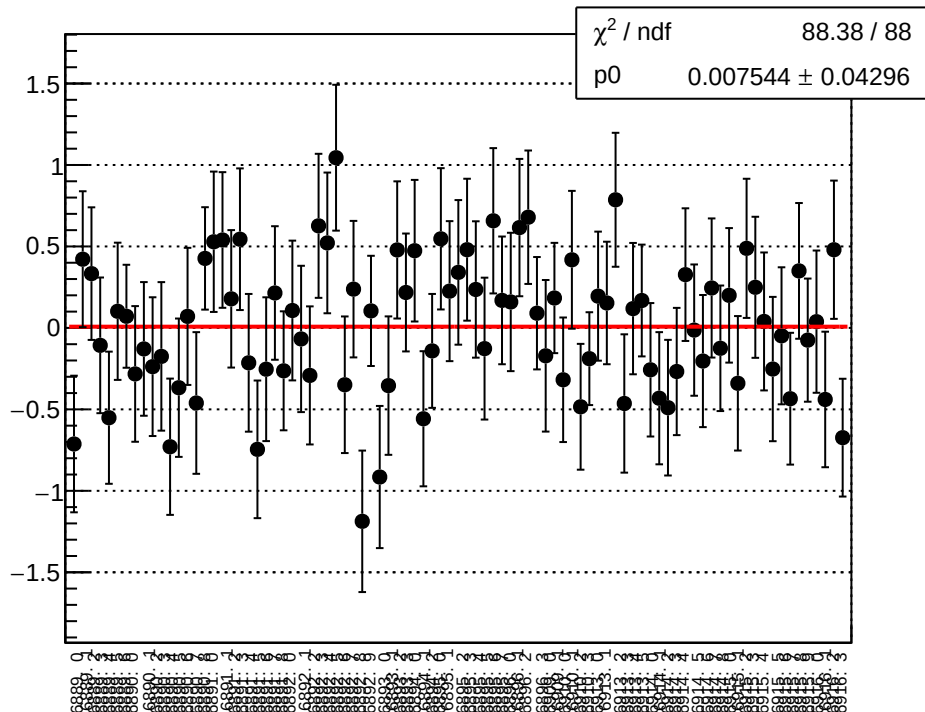
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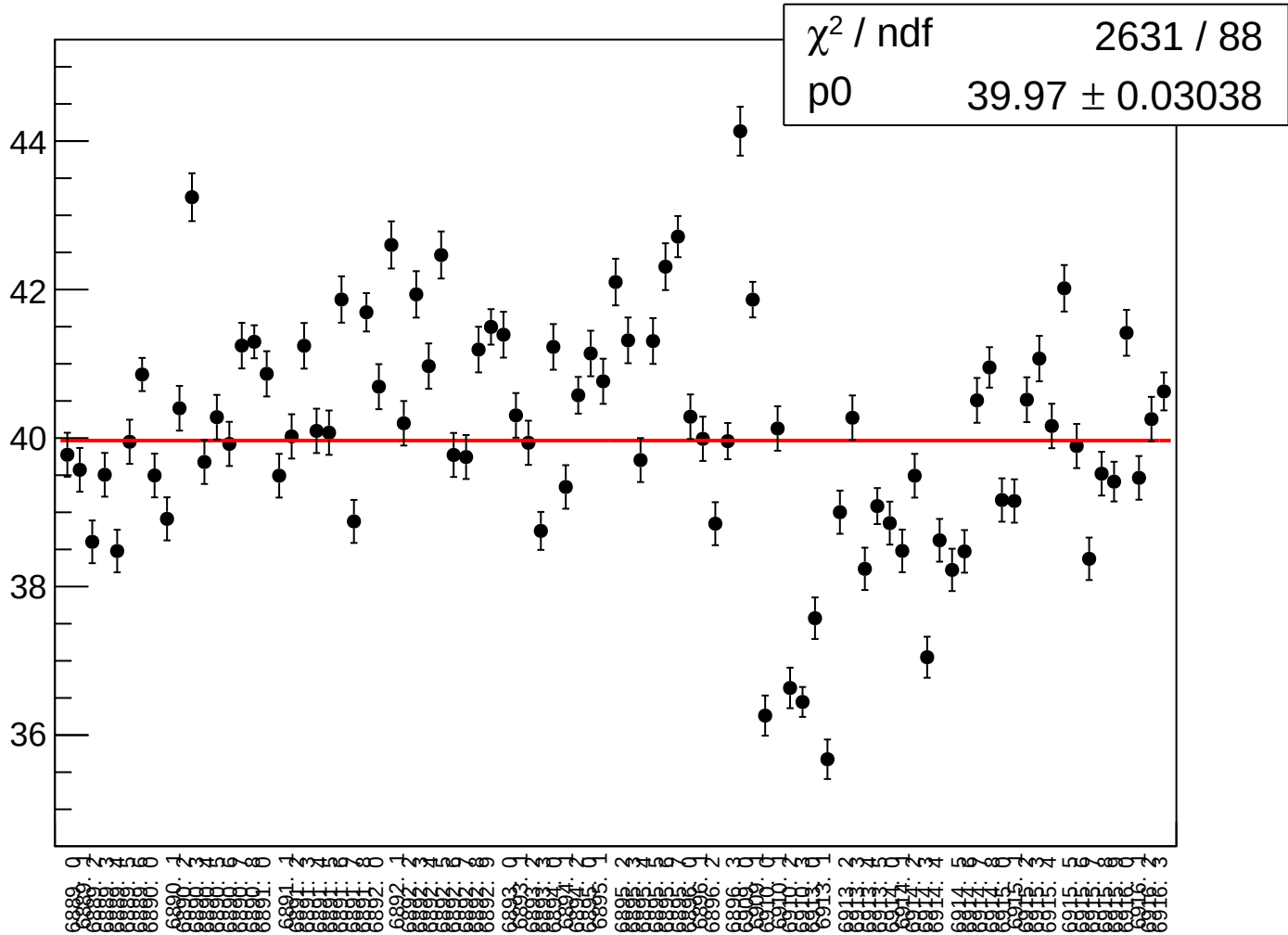
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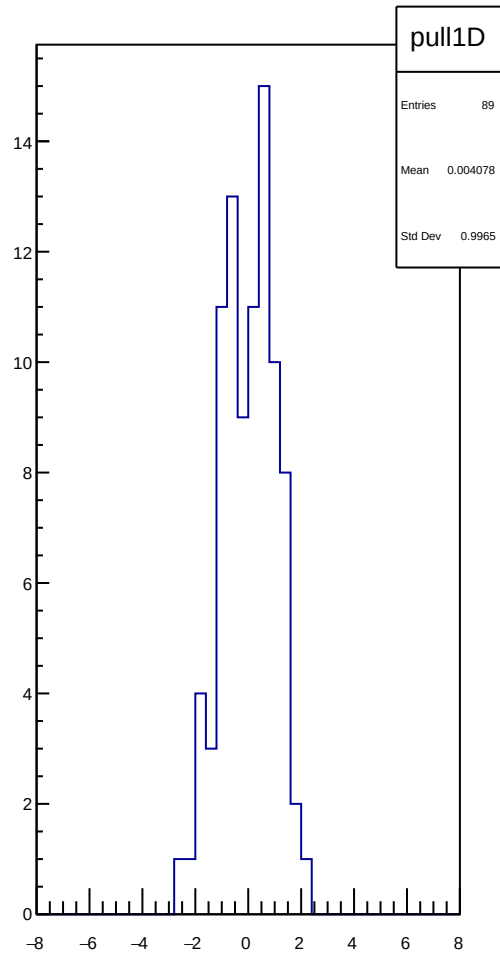
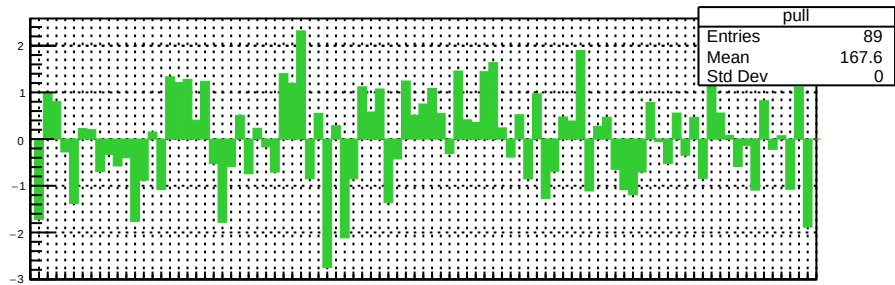
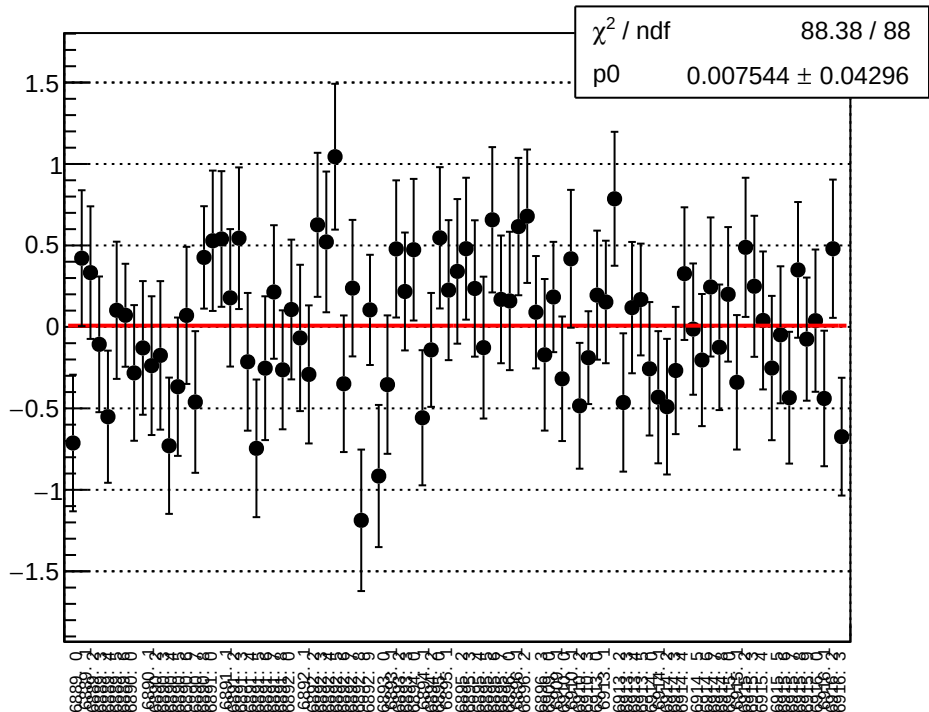
asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs run



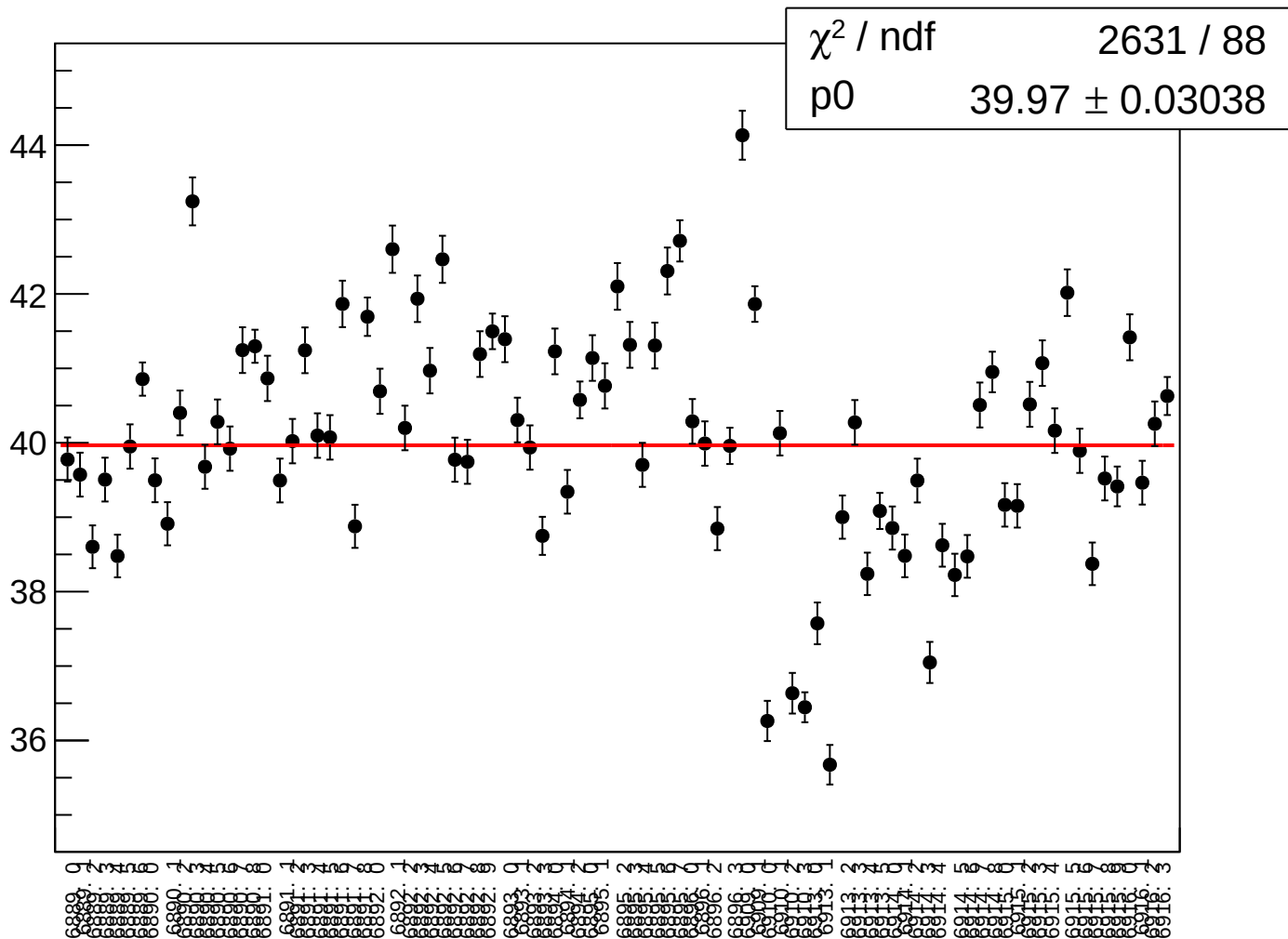
asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs run



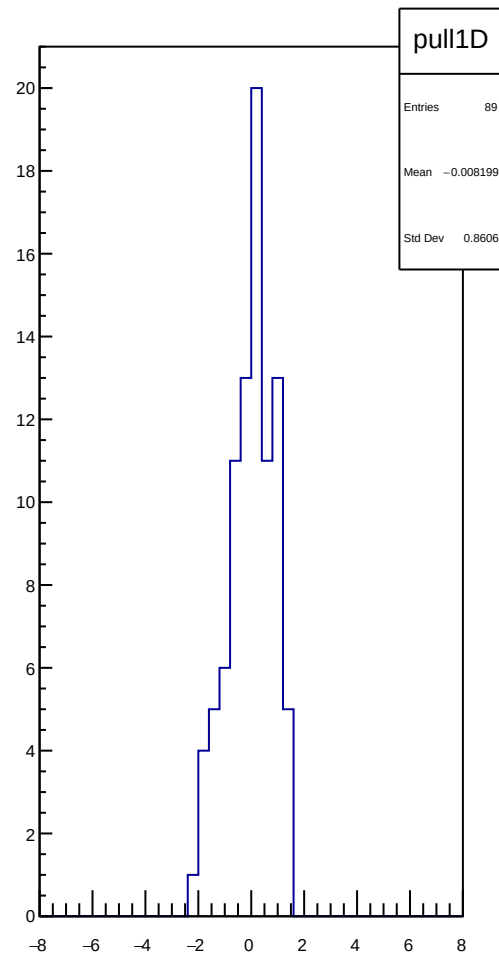
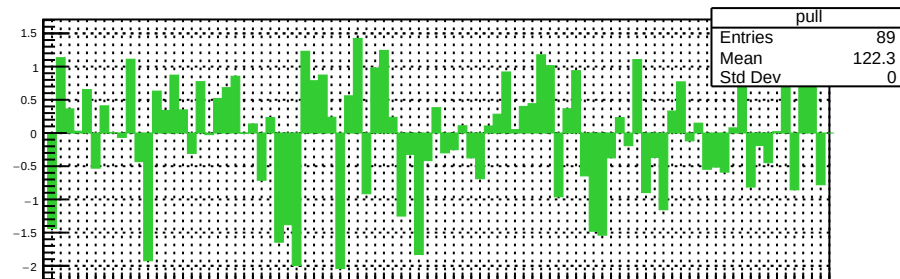
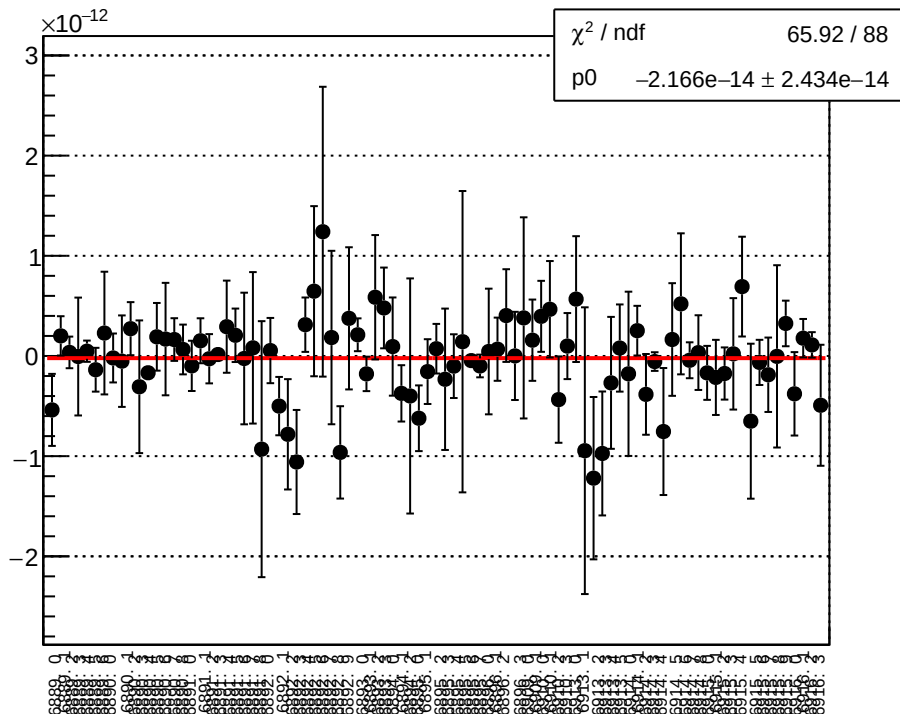
asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs run



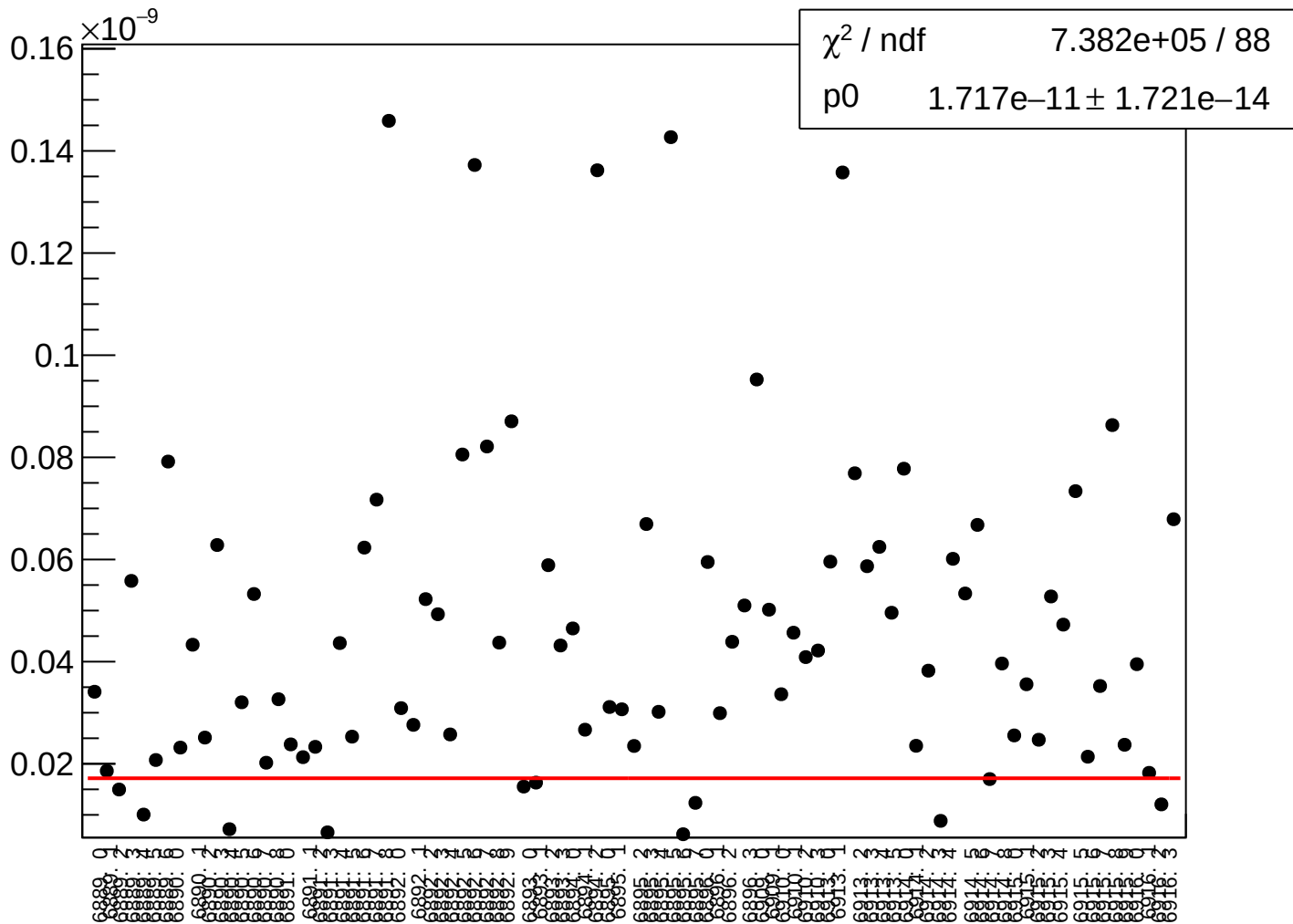
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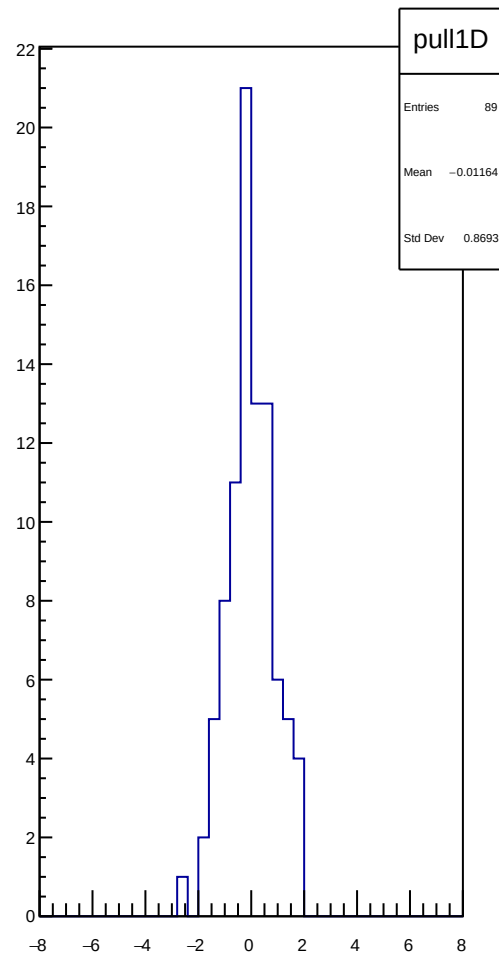
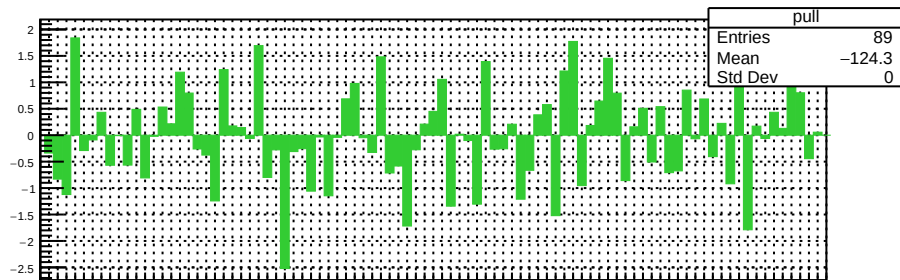
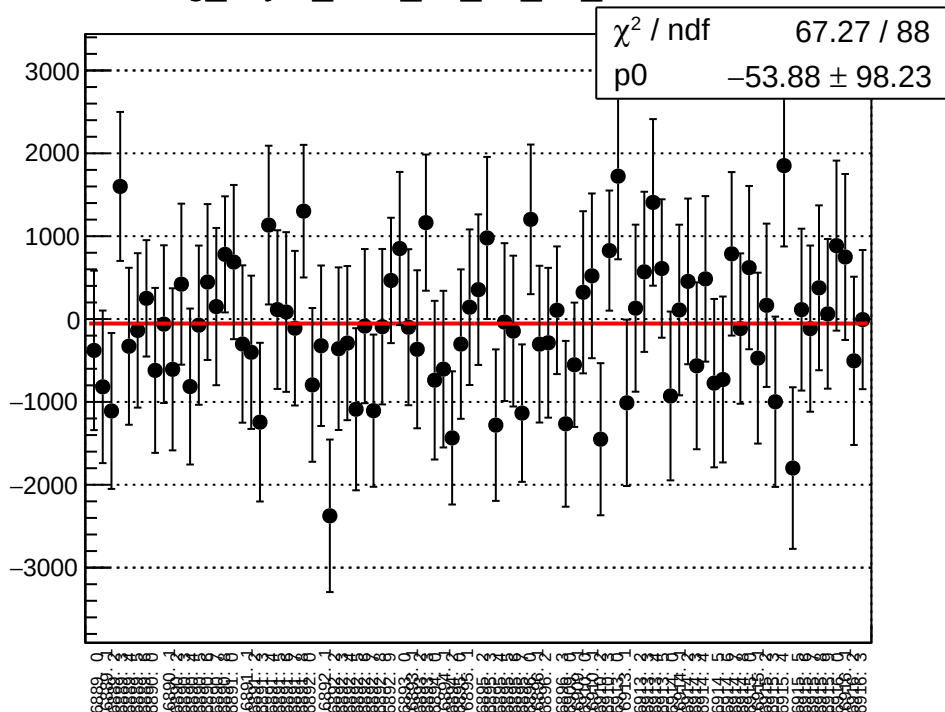
asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs run



asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_26_48_dd_mean vs run



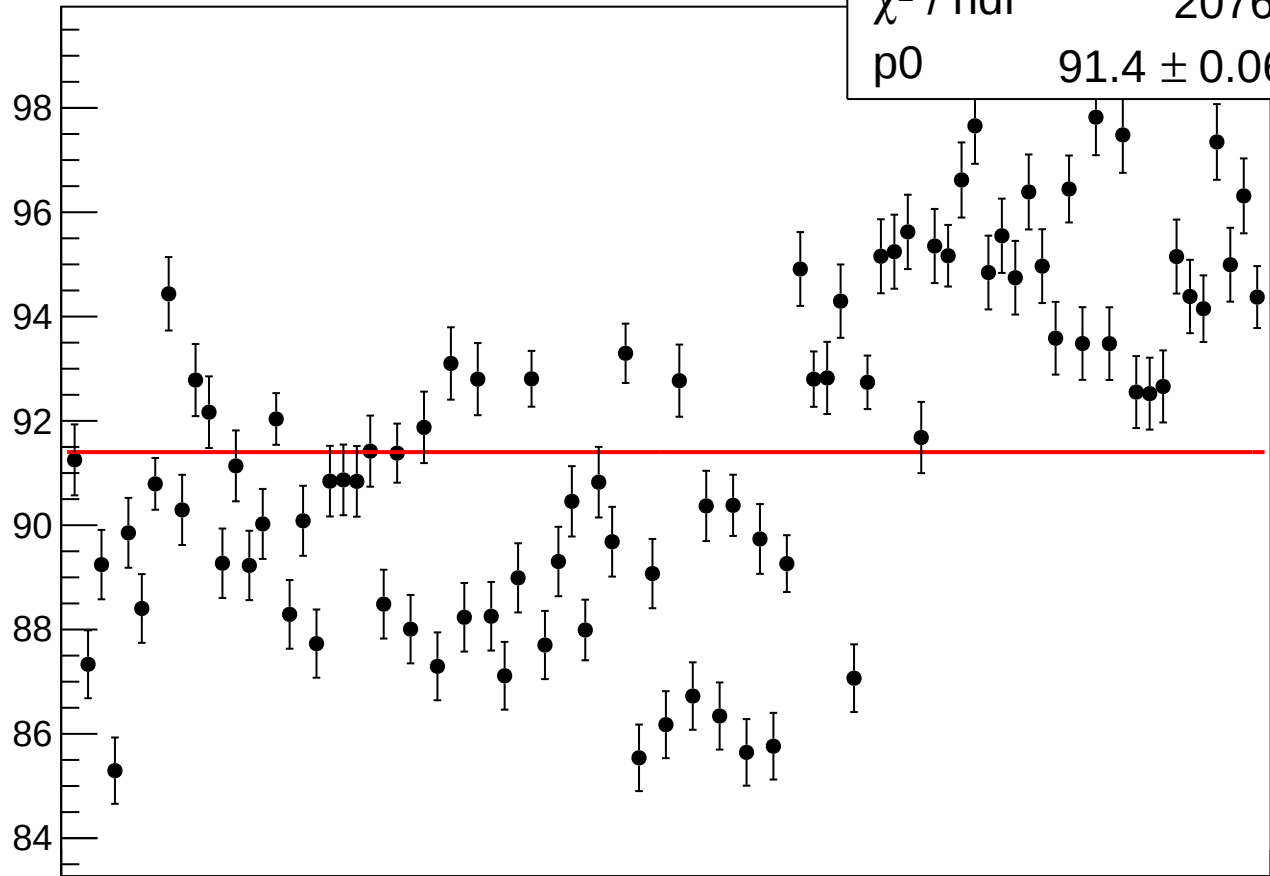
reg_asym_sam_26_48_dd_rms vs run

χ^2 / ndf

2076 / 88

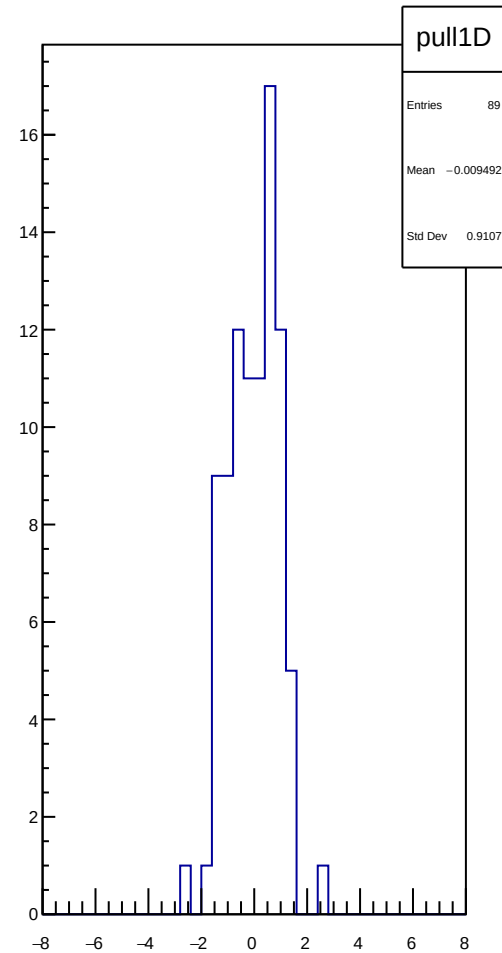
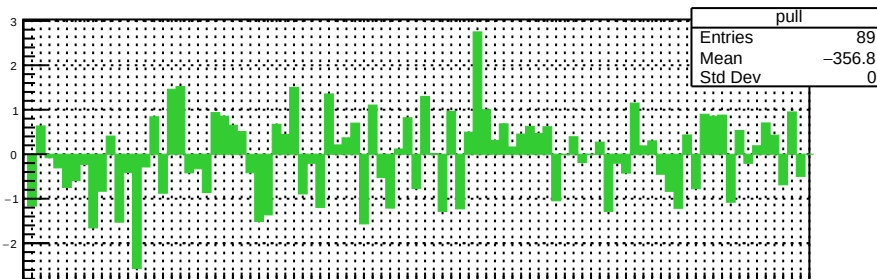
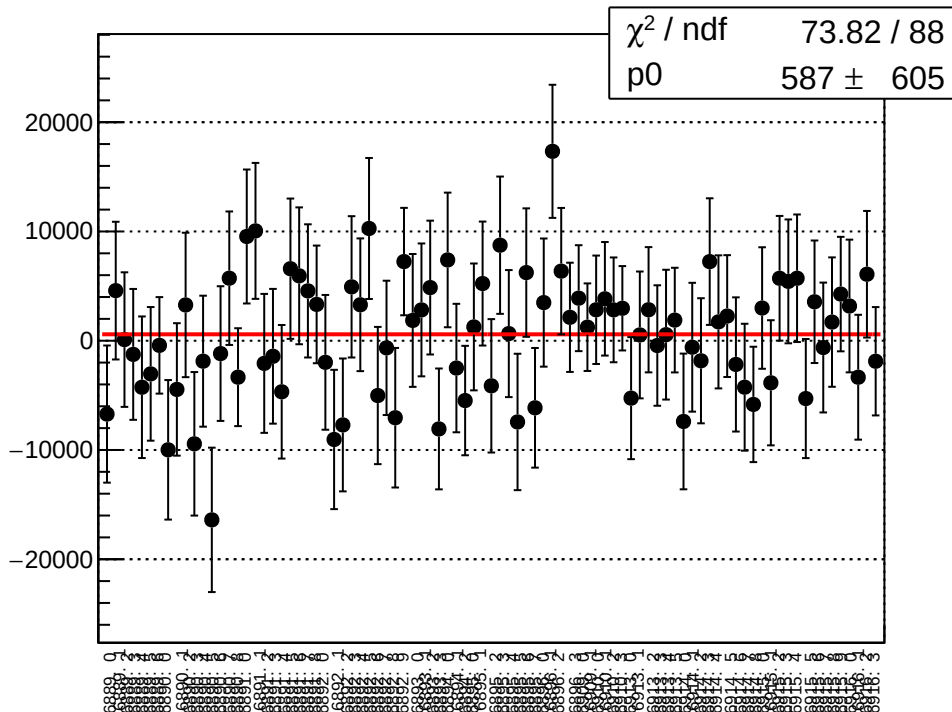
p0

91.4 ± 0.06946

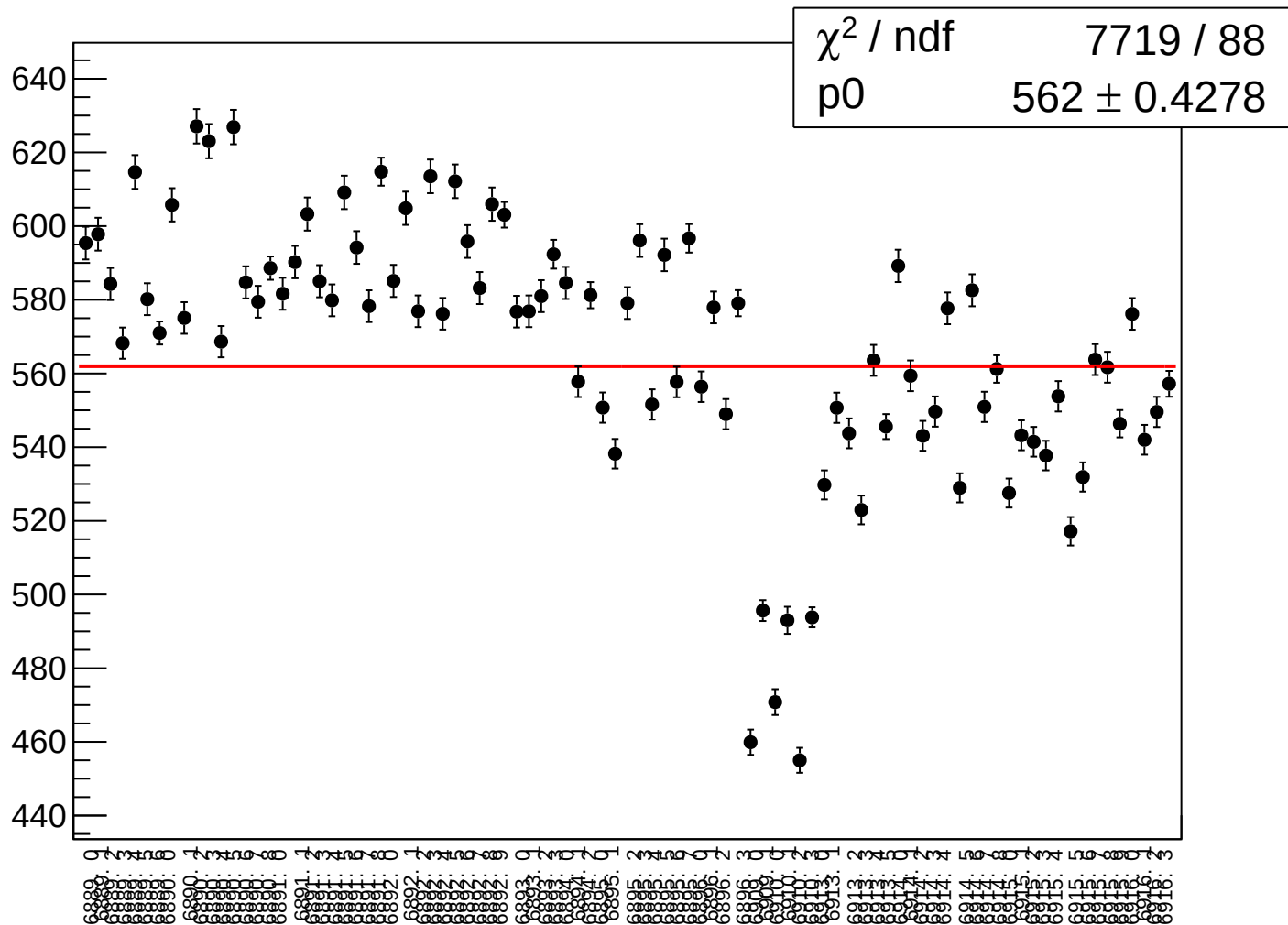


run

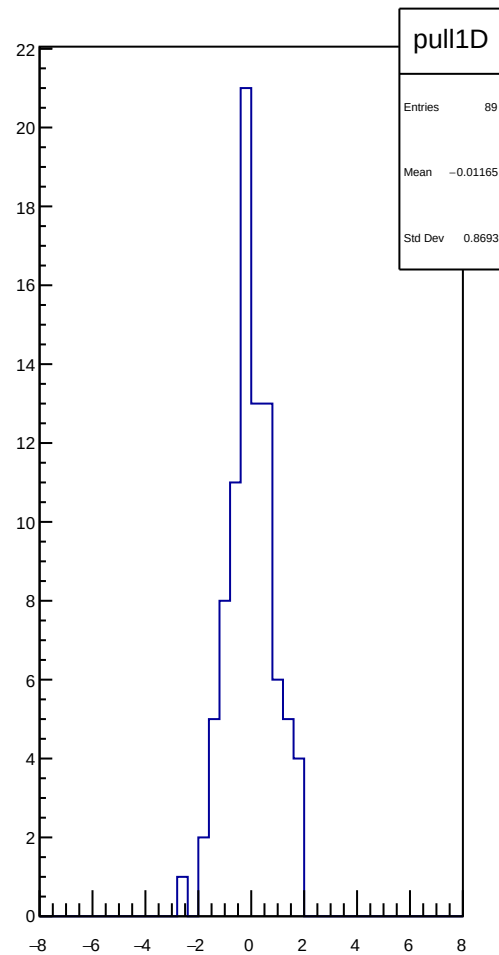
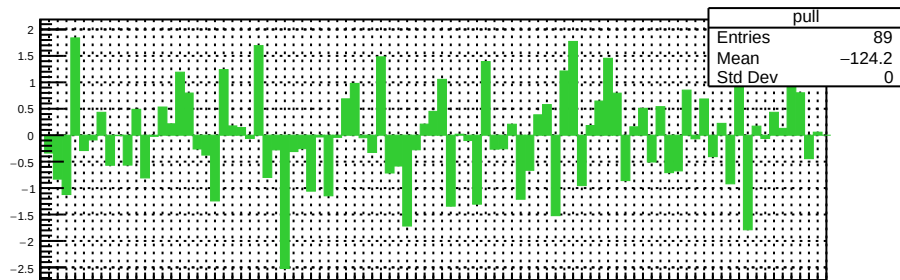
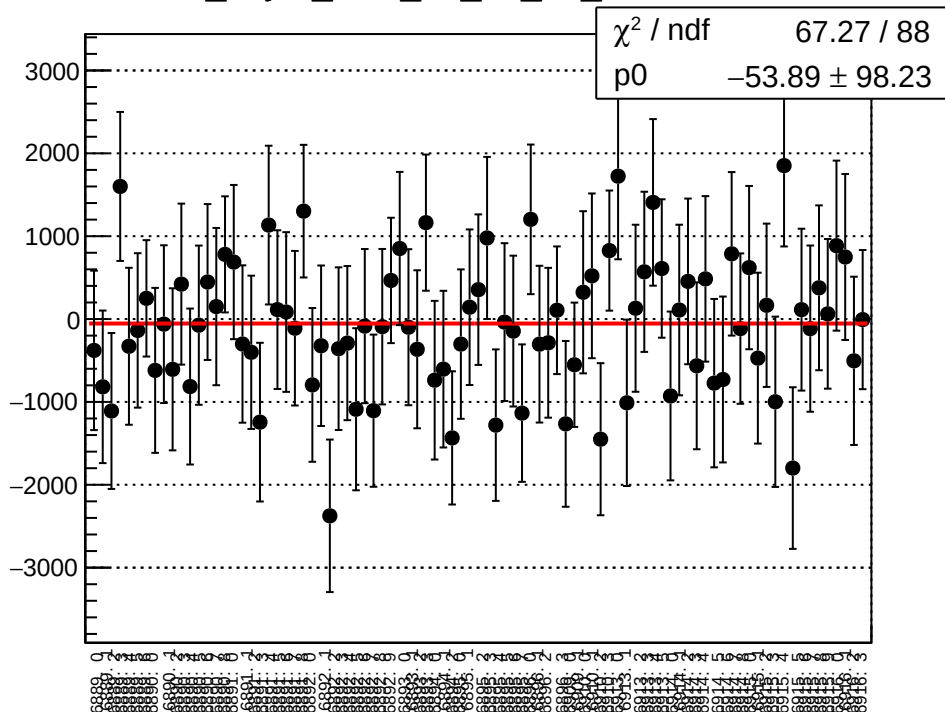
asym_sam_26_48_dd_reg_correction_mean vs run



asym_sam_26_48_dd_reg_correction_rms vs run



cor_asym_sam_26_48_dd_mean vs run



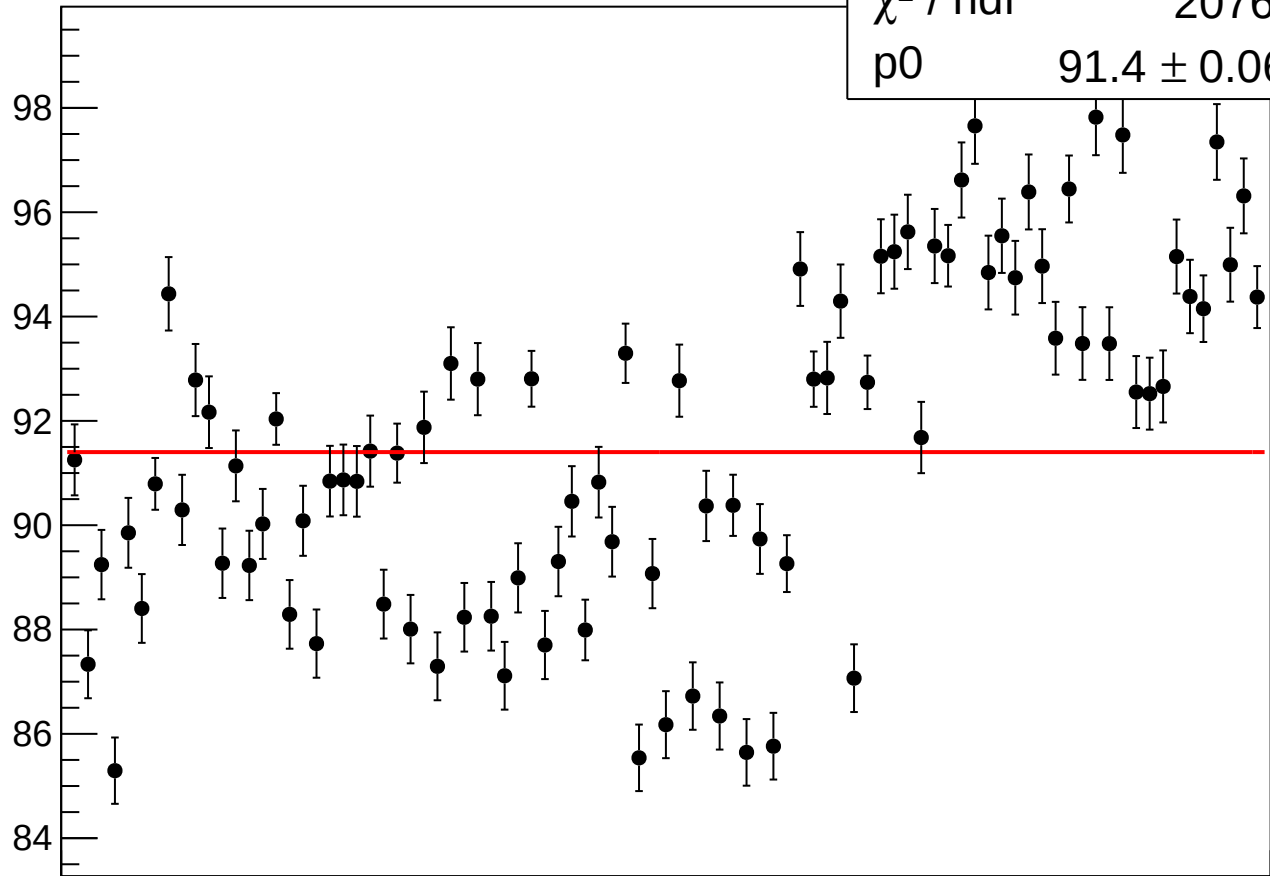
cor_asym_sam_26_48_dd_rms vs run

χ^2 / ndf

2076 / 88

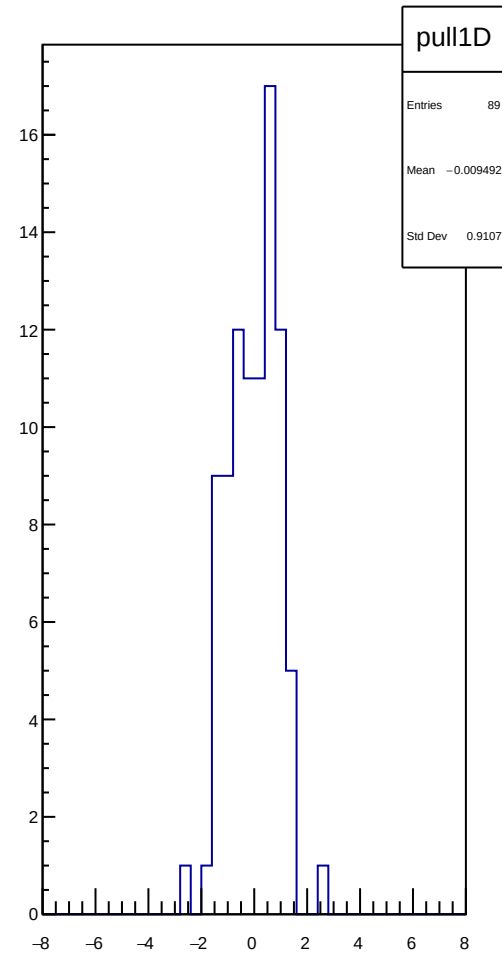
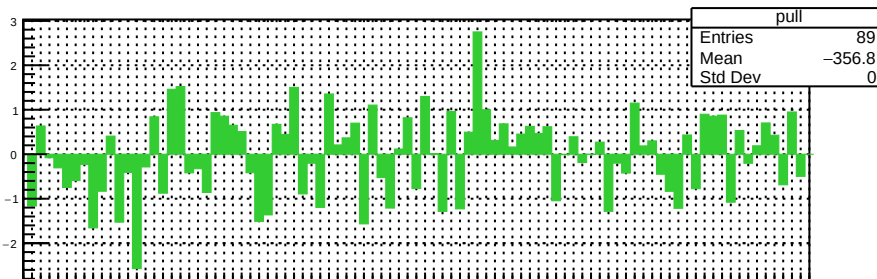
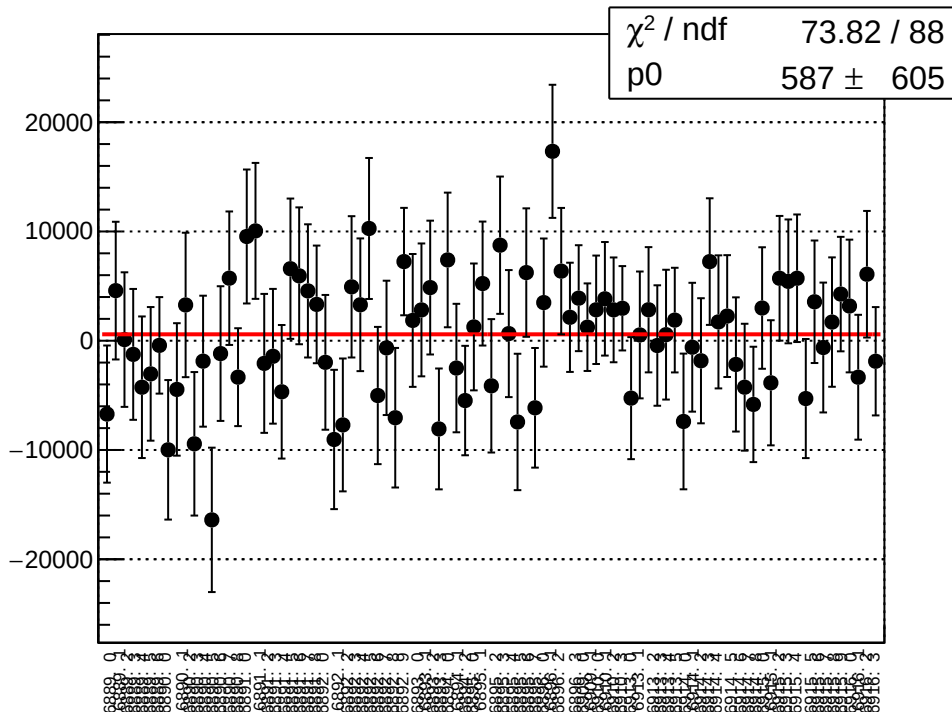
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91.4 ± 0.06946

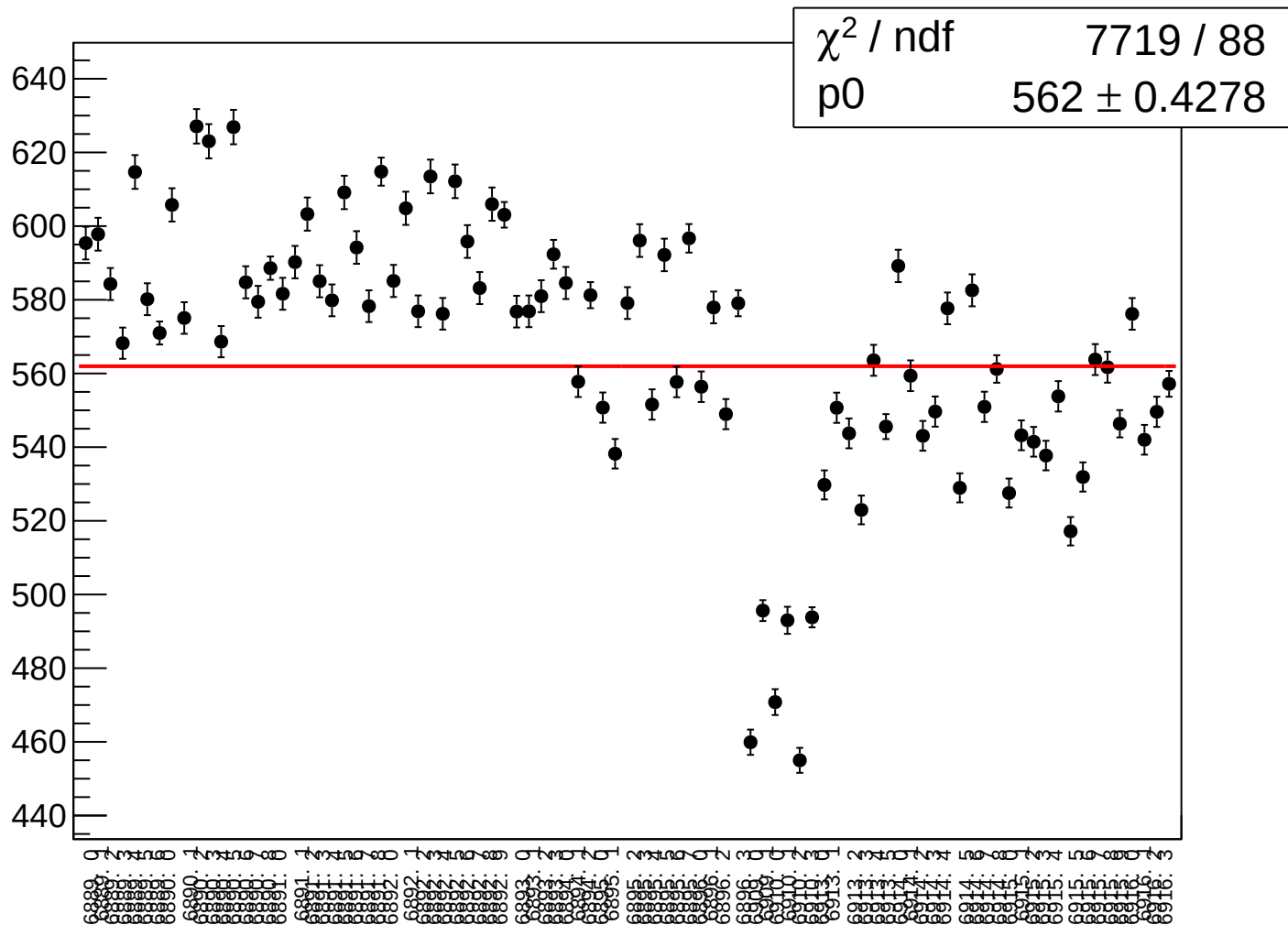


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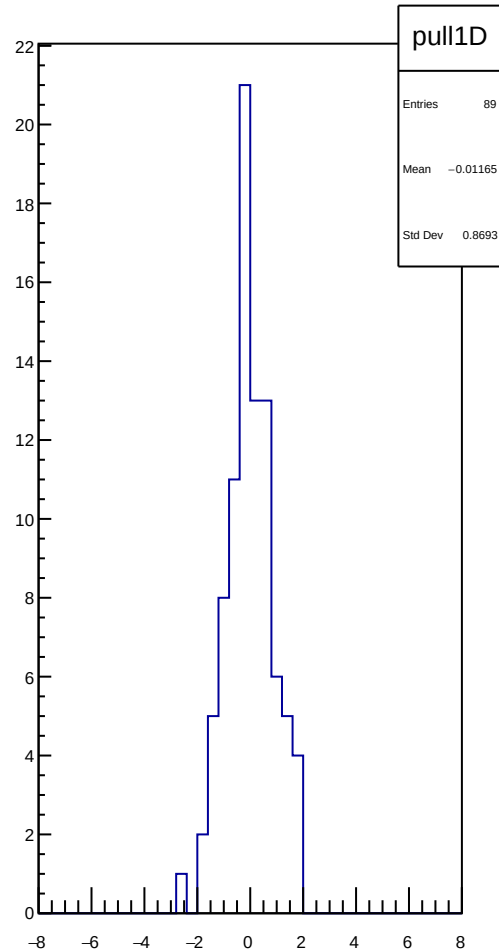
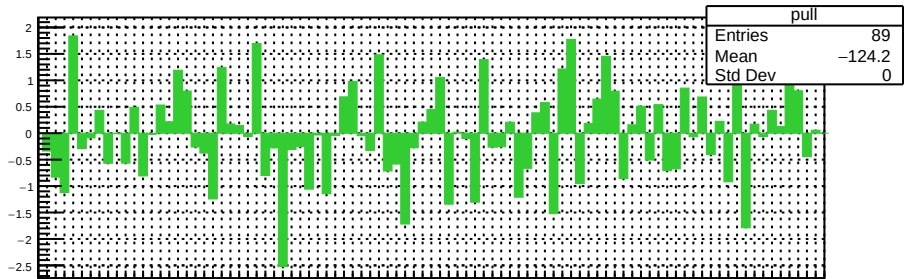
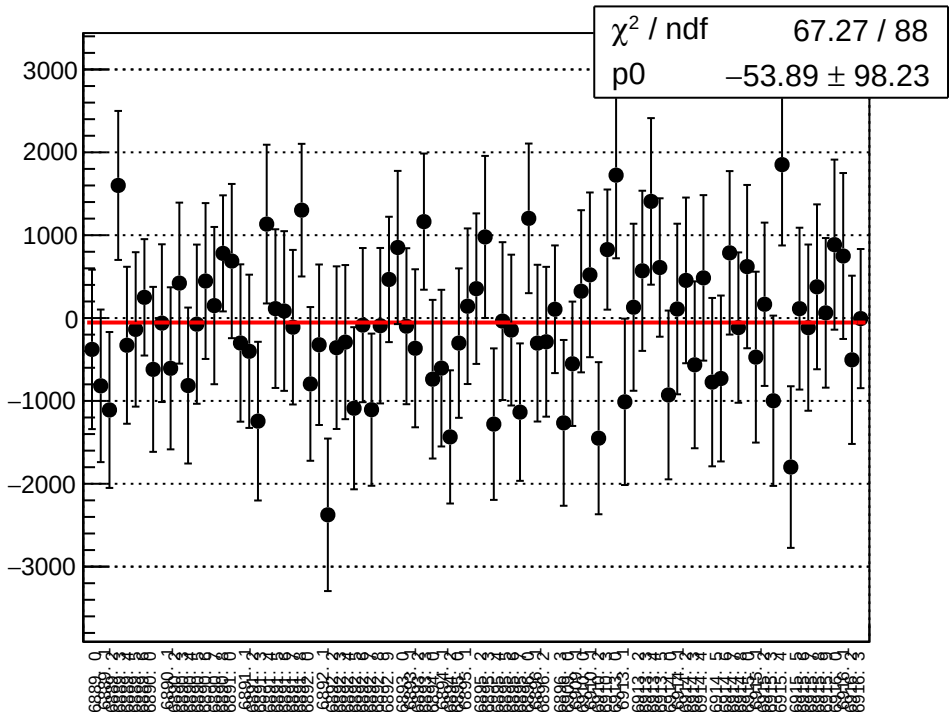
asym_sam_26_48_dd_cor_correction_mean vs run



asym_sam_26_48_dd_cor_correction_rms vs run



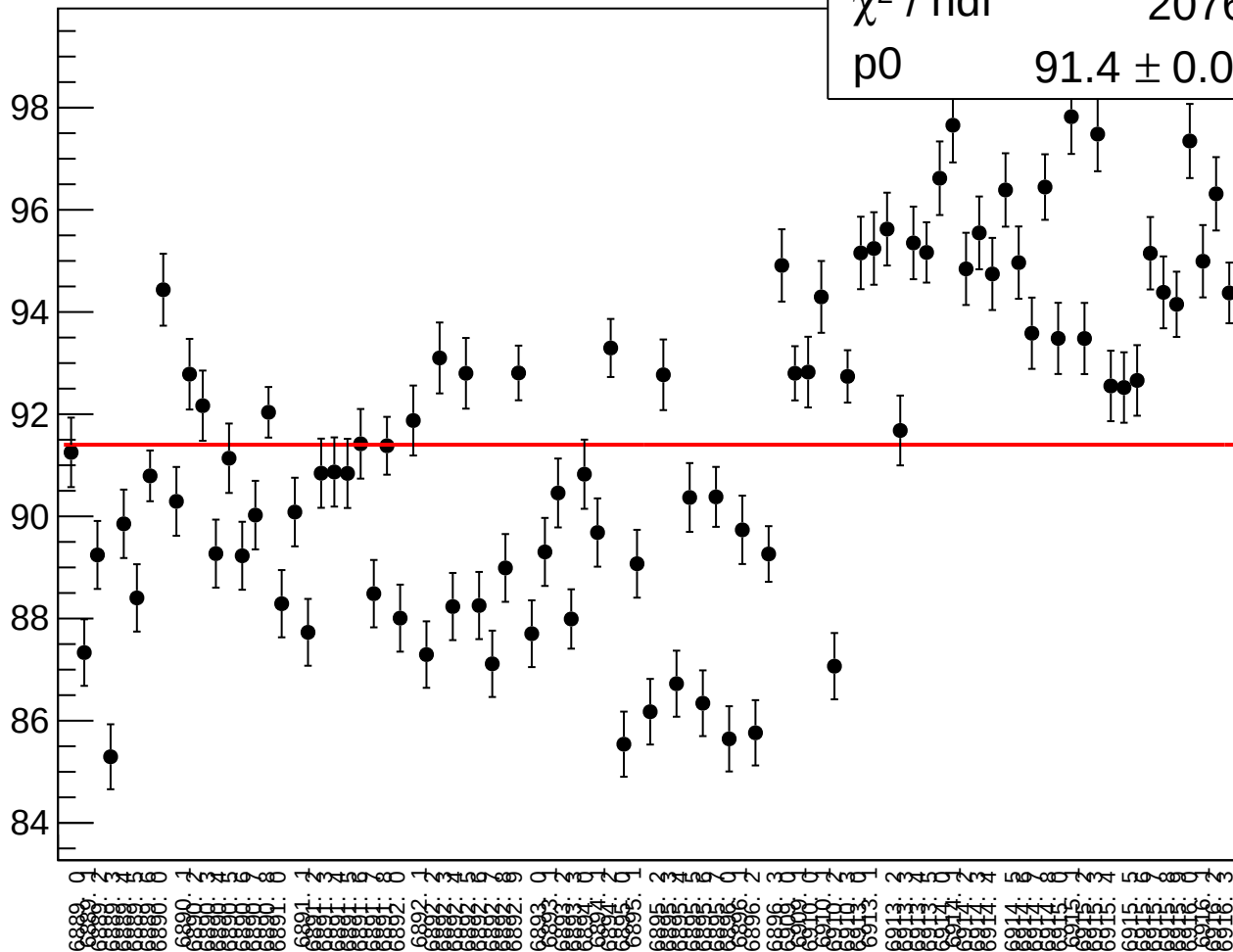
eigen_cor_asym_sam_26_48_dd_mean vs run



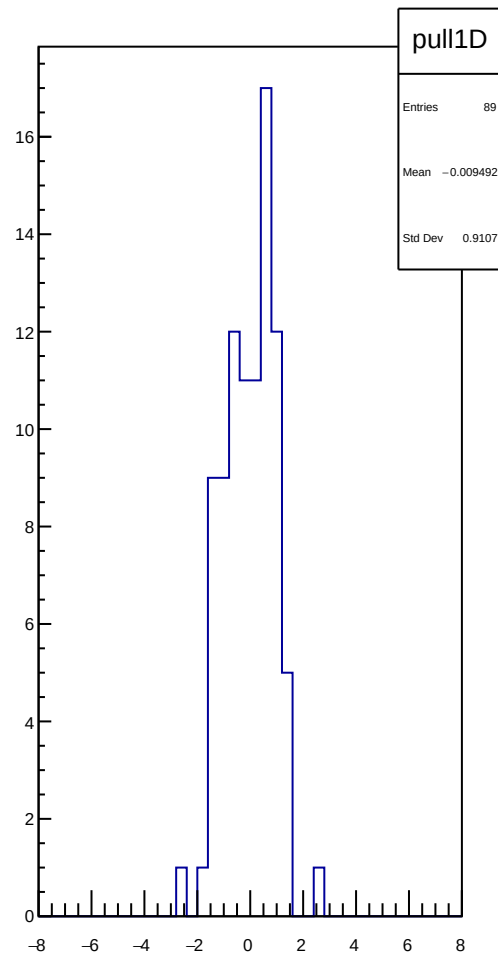
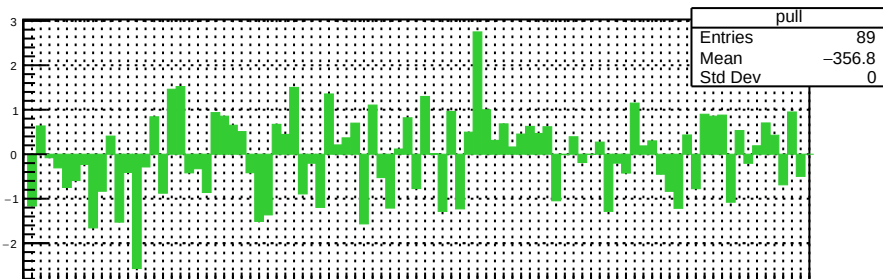
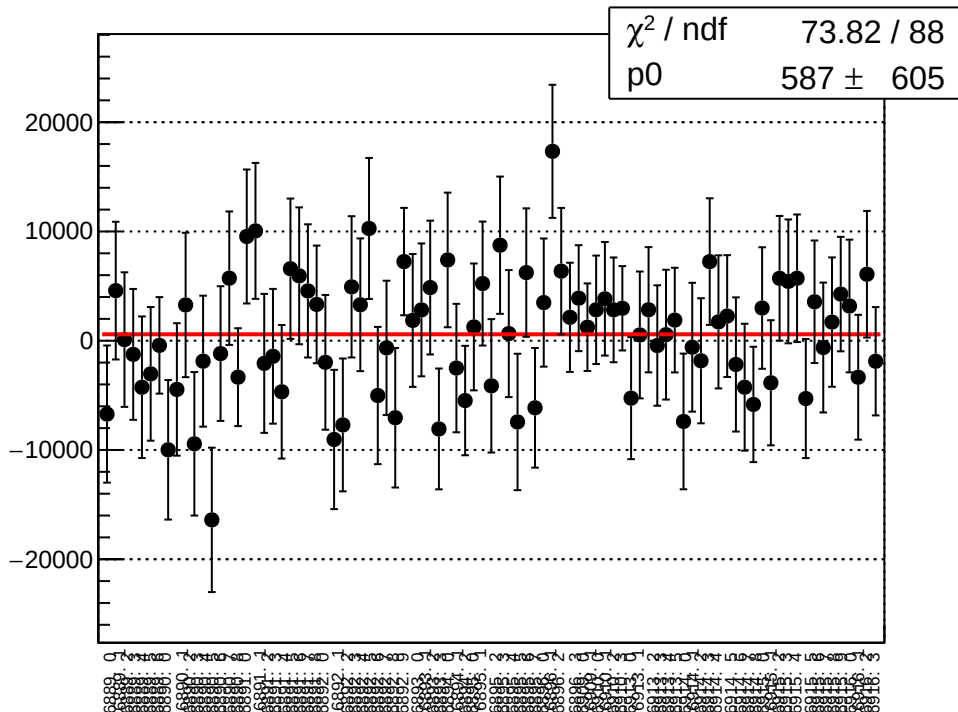
χ^2 / ndf

2076 / 88

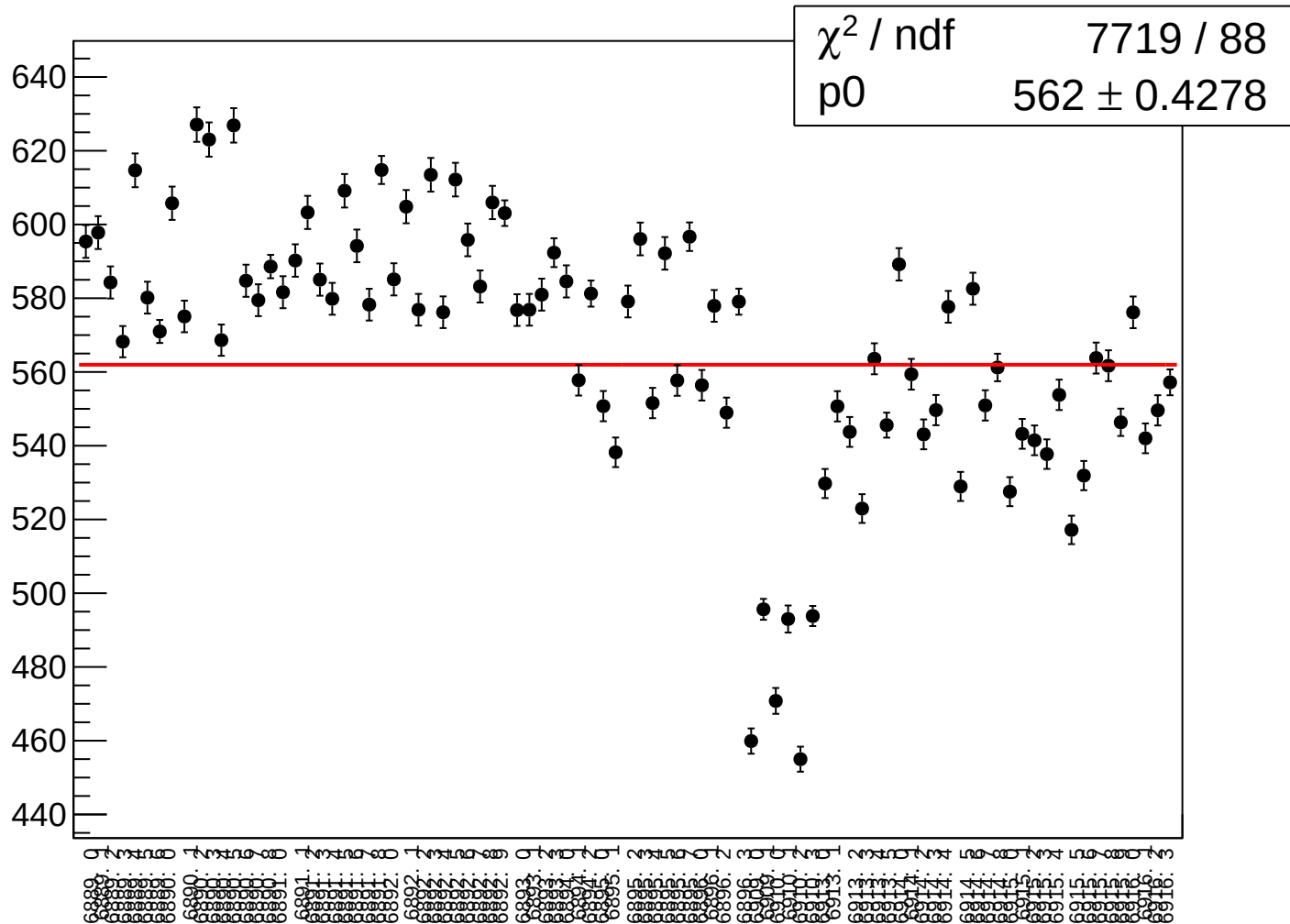
p0

$$91.4 \pm 0.06946$$


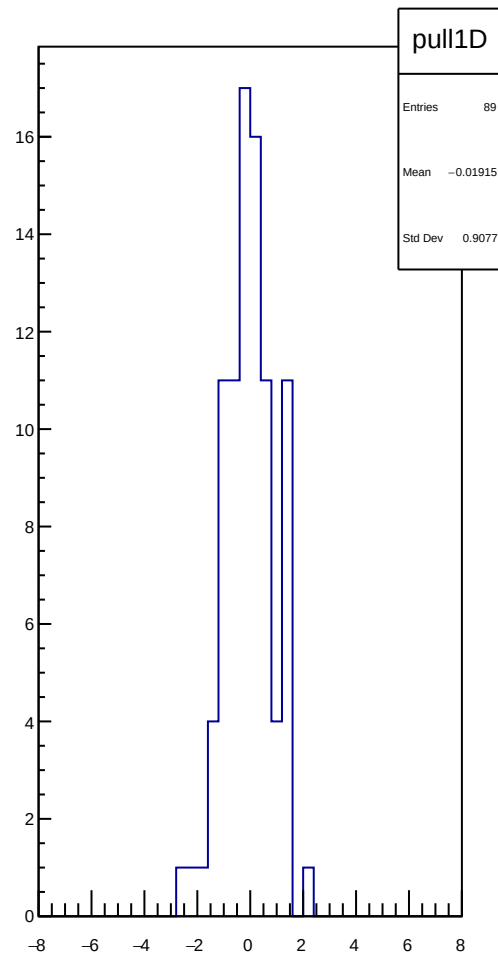
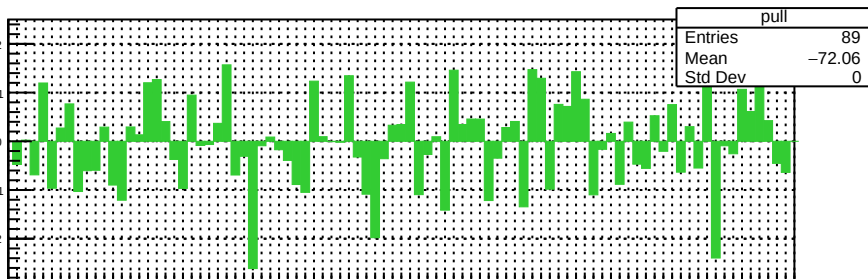
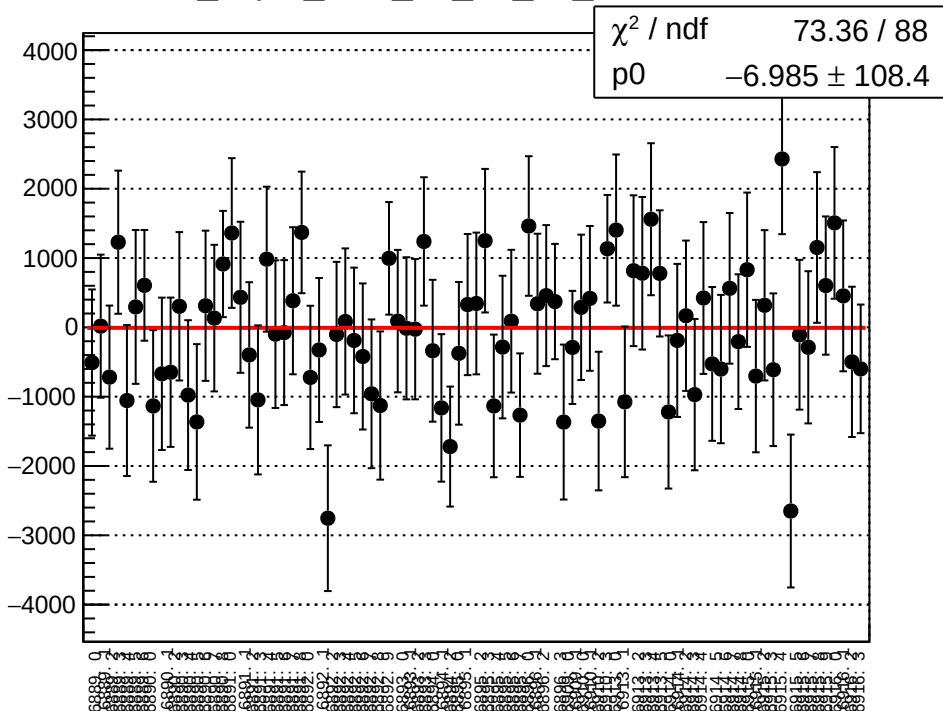
asym_sam_26_48_dd_eigen_cor_correction_mean vs run



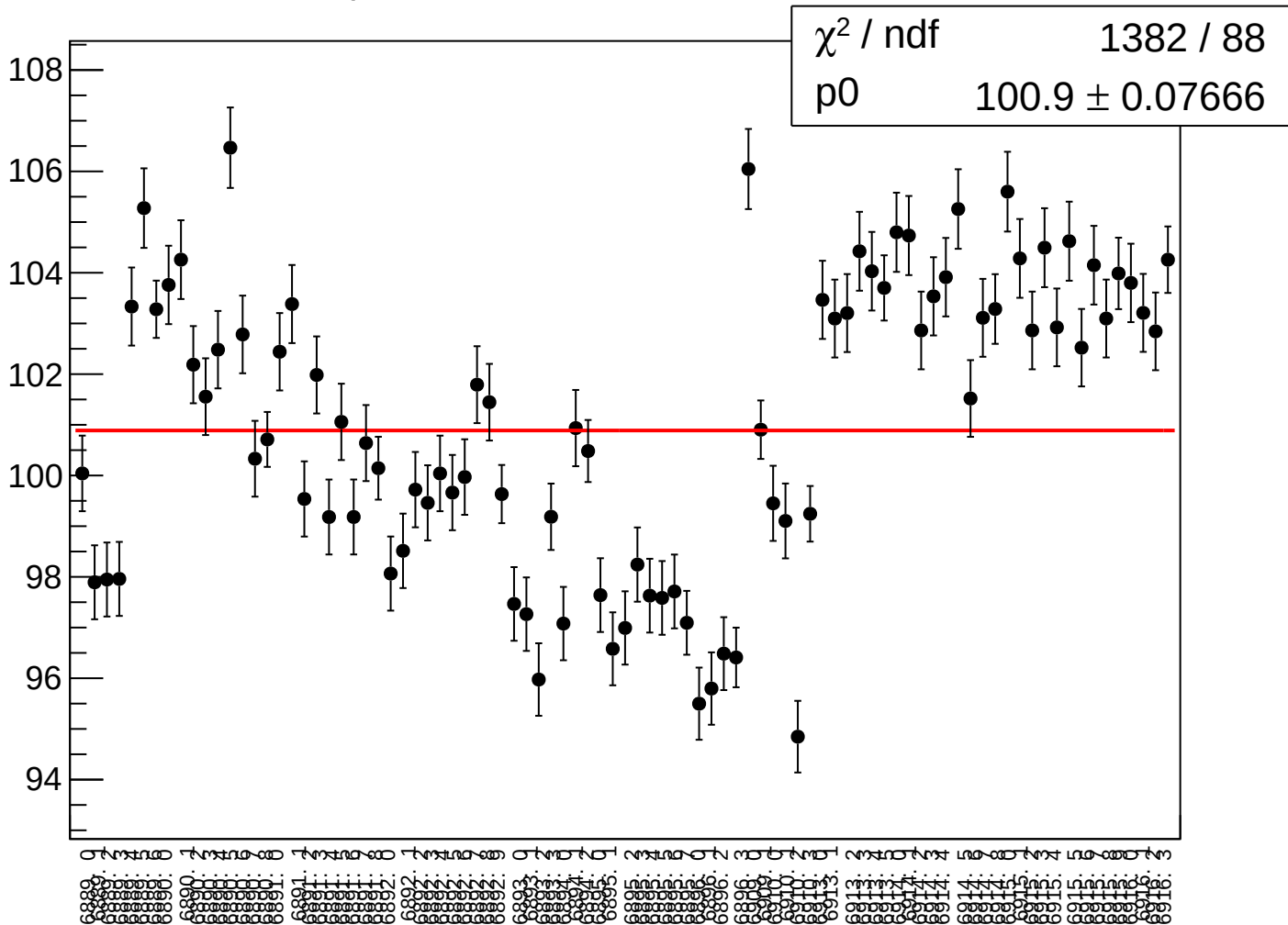
asym_sam_26_48_dd_eigen_cor_correction_rms vs run



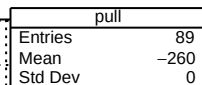
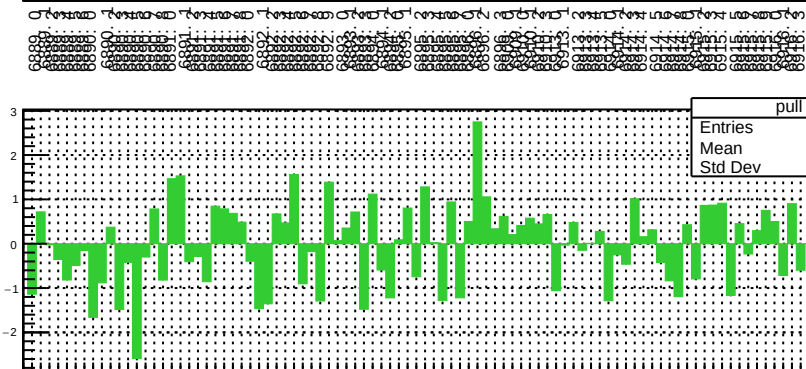
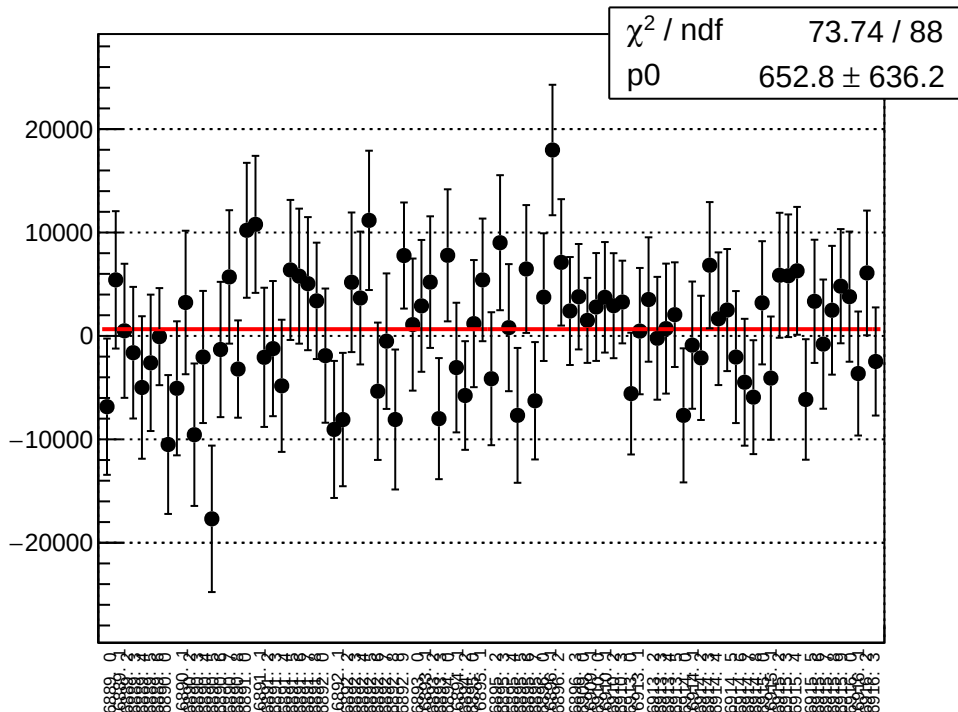
dit_asym_sam_26_48_dd_mean vs run



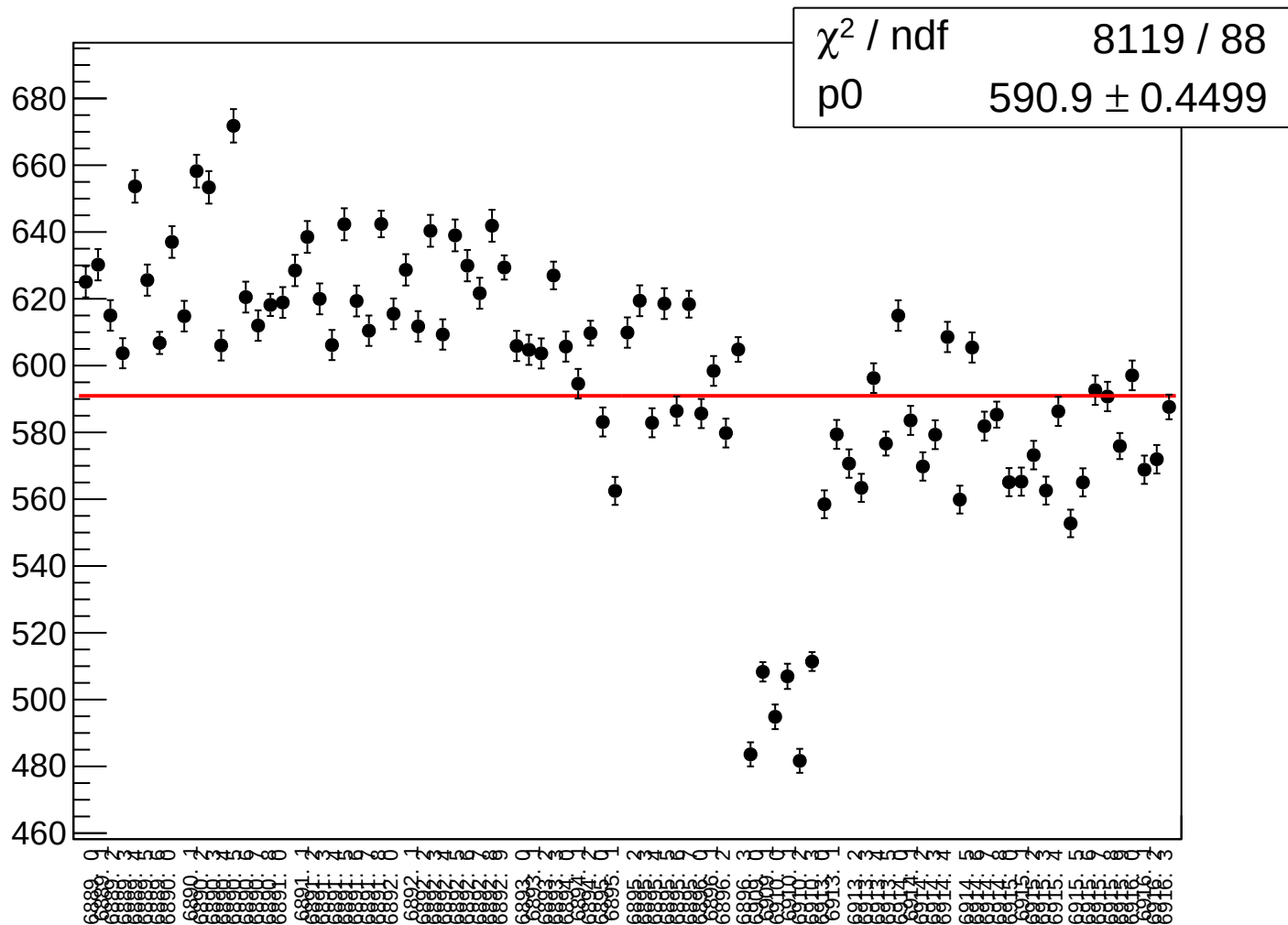
dit_asym_sam_26_48_dd_rms vs run



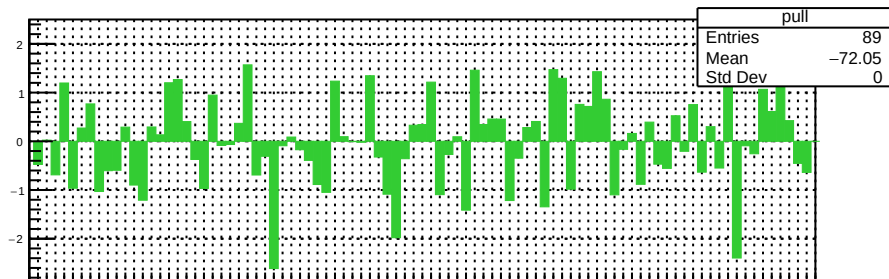
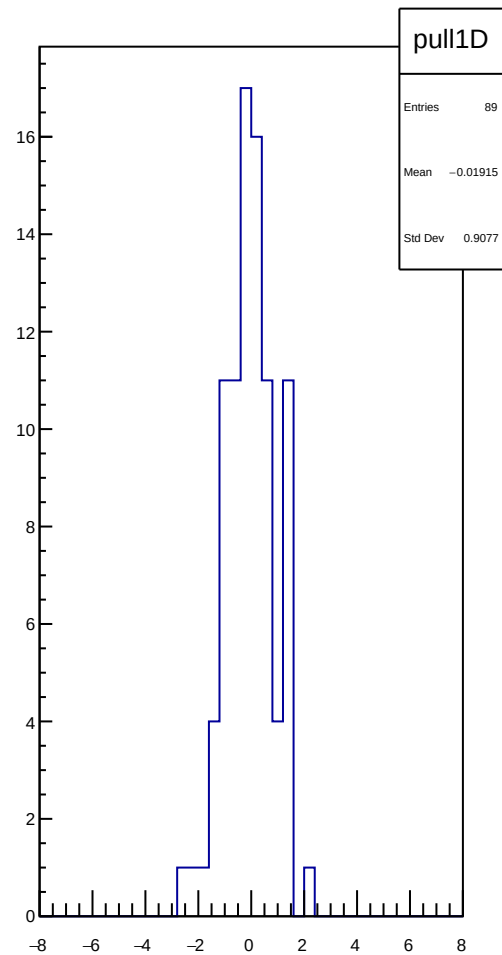
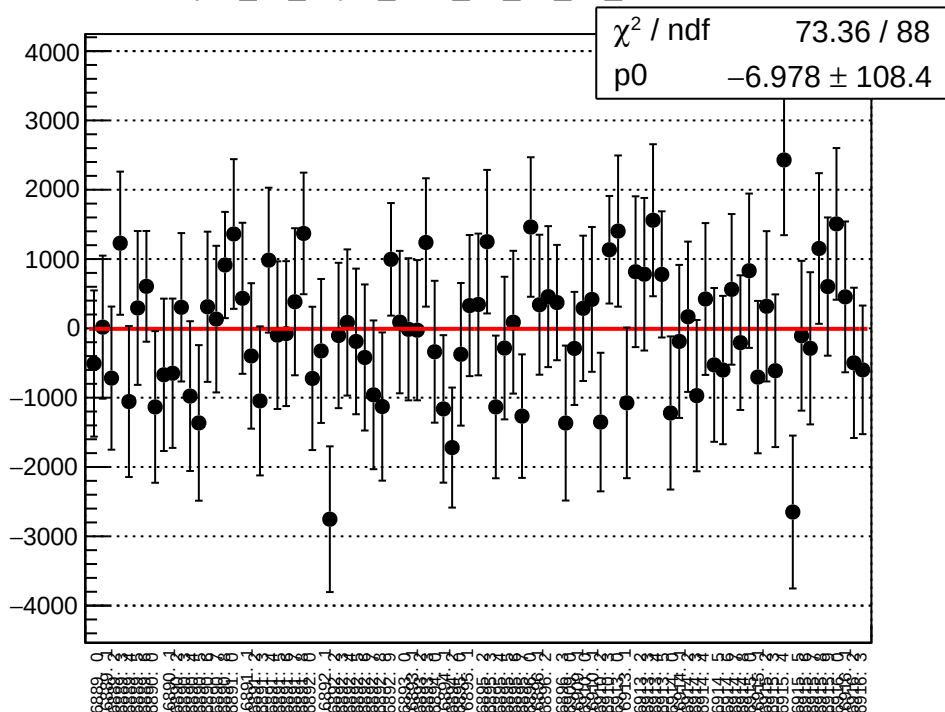
asym_sam_26_48_dd_dit_correction_mean vs run



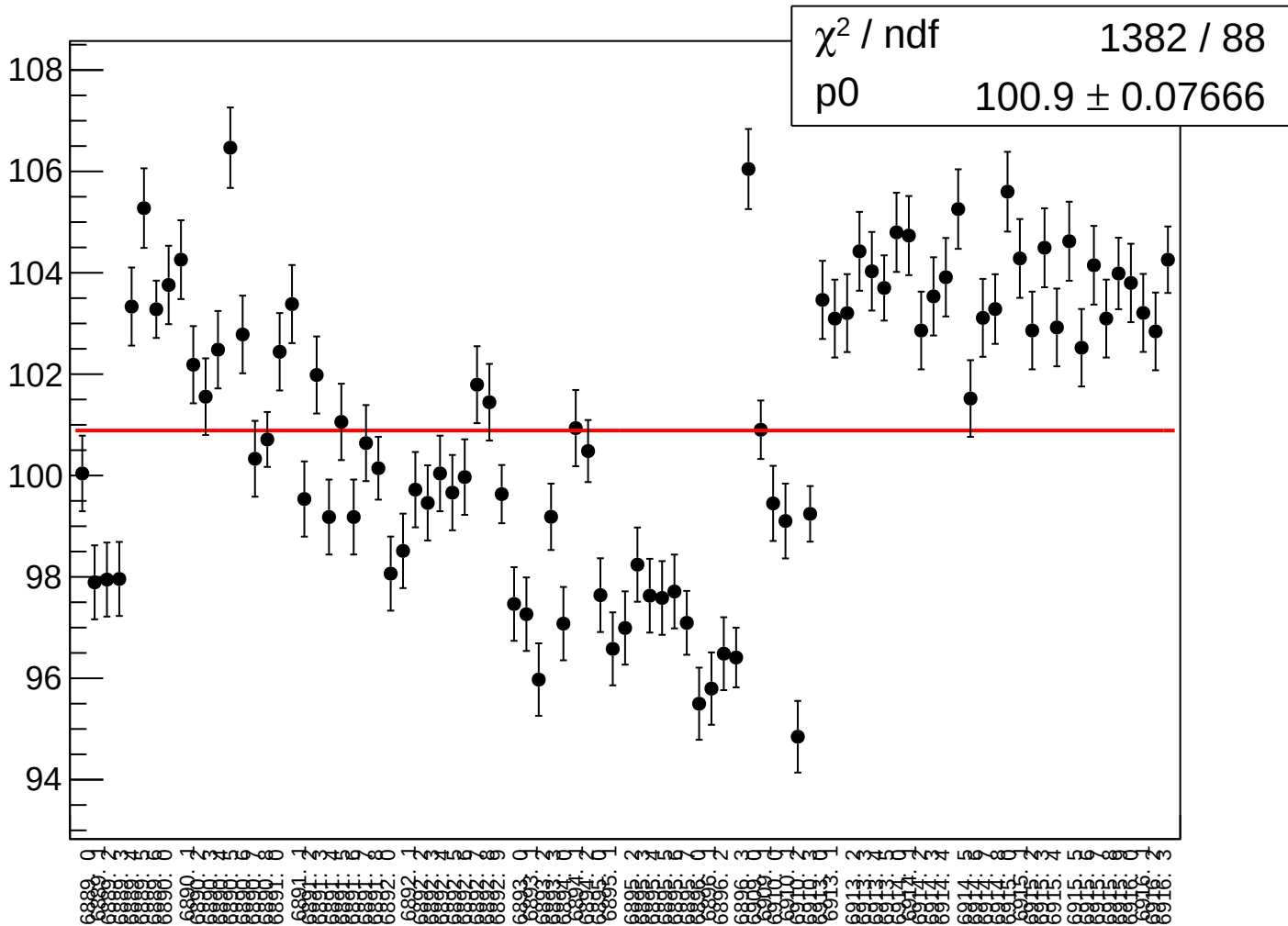
asym_sam_26_48_dd_dit_correction_rms vs run



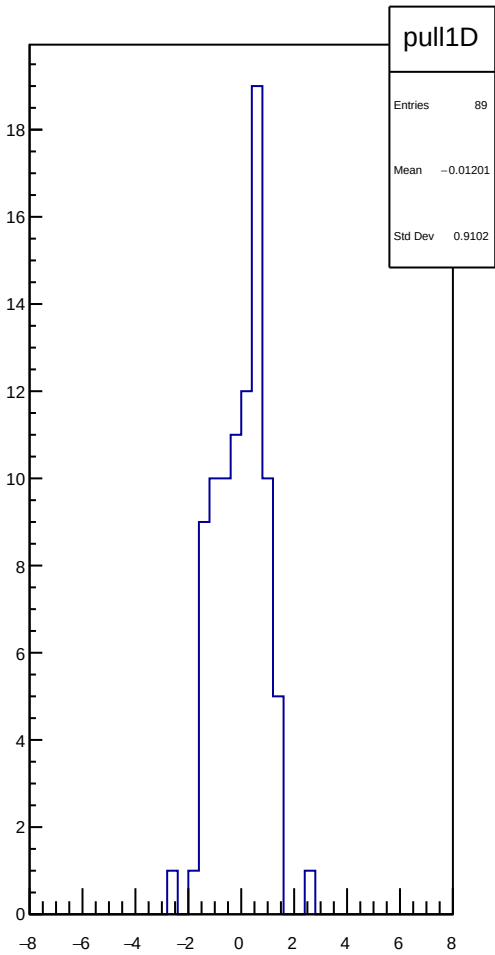
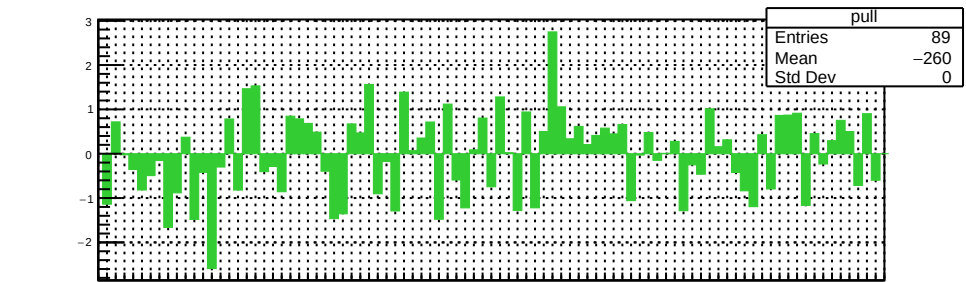
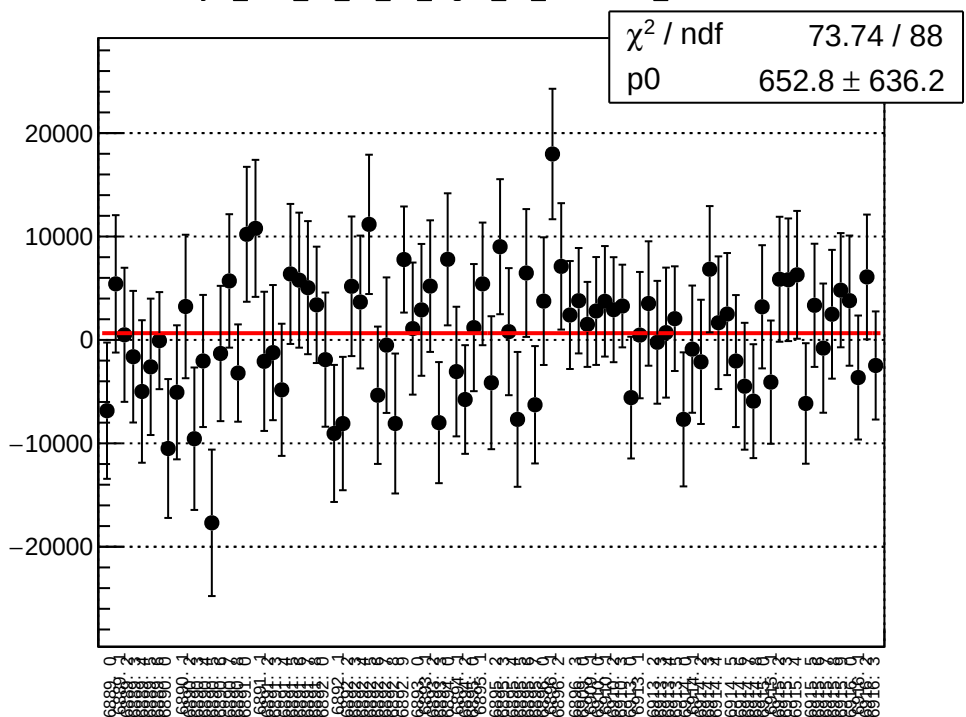
eigen_dit_asym_sam_26_48_dd_mean vs run



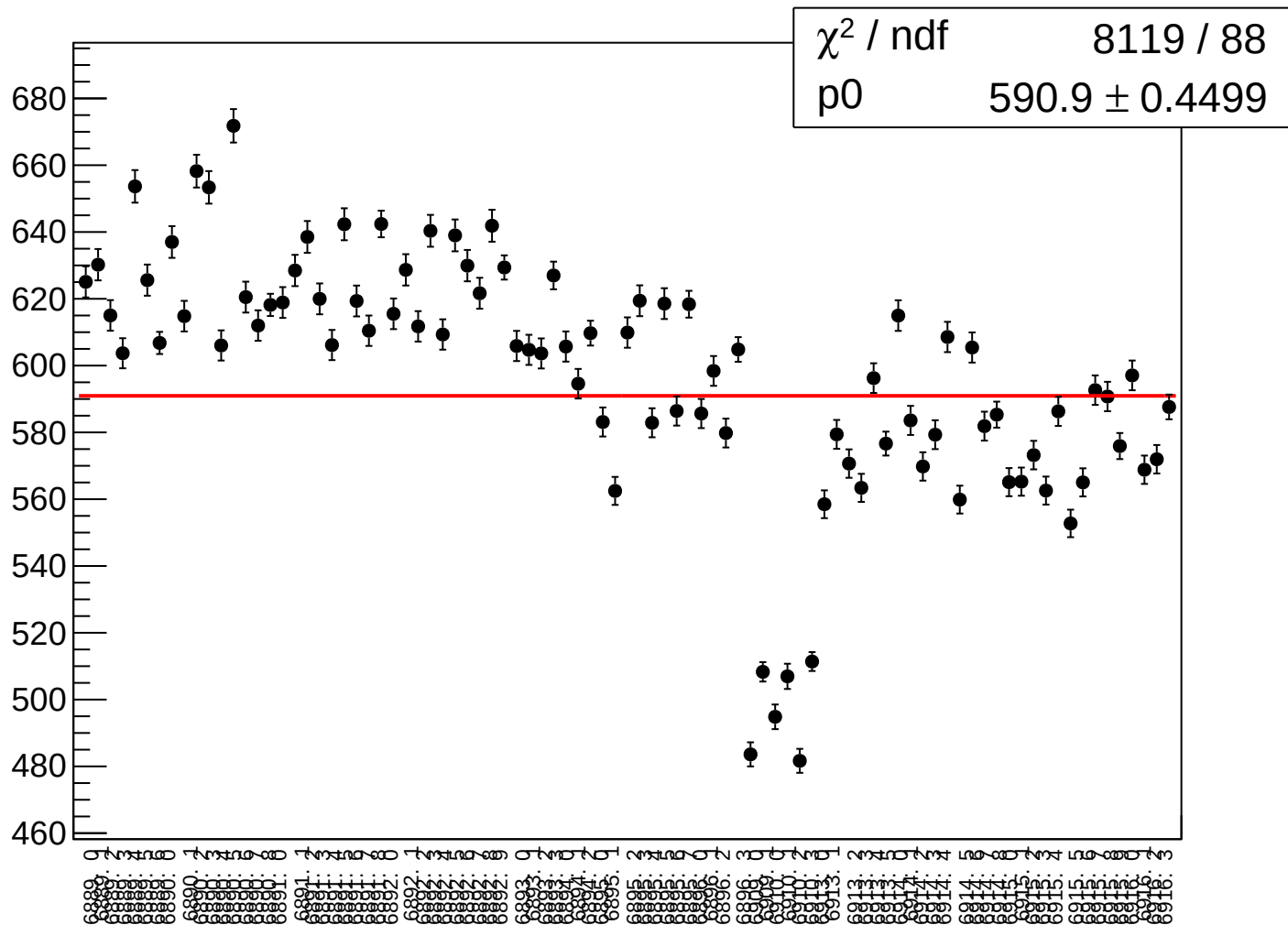
eigen_dit_asym_sam_26_48_dd_rms vs run



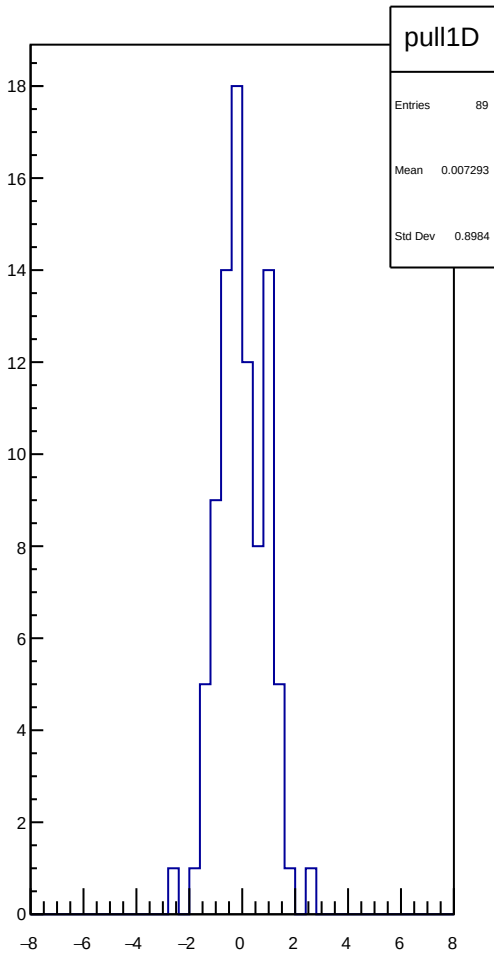
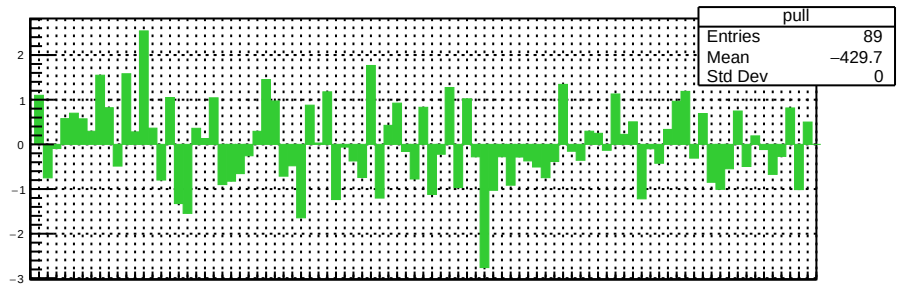
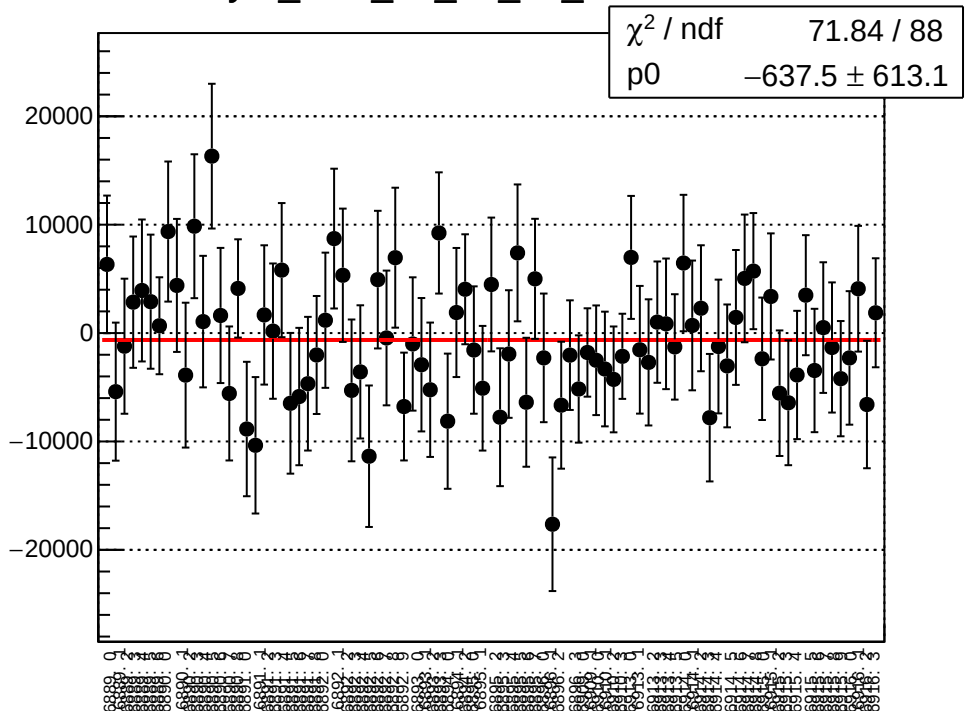
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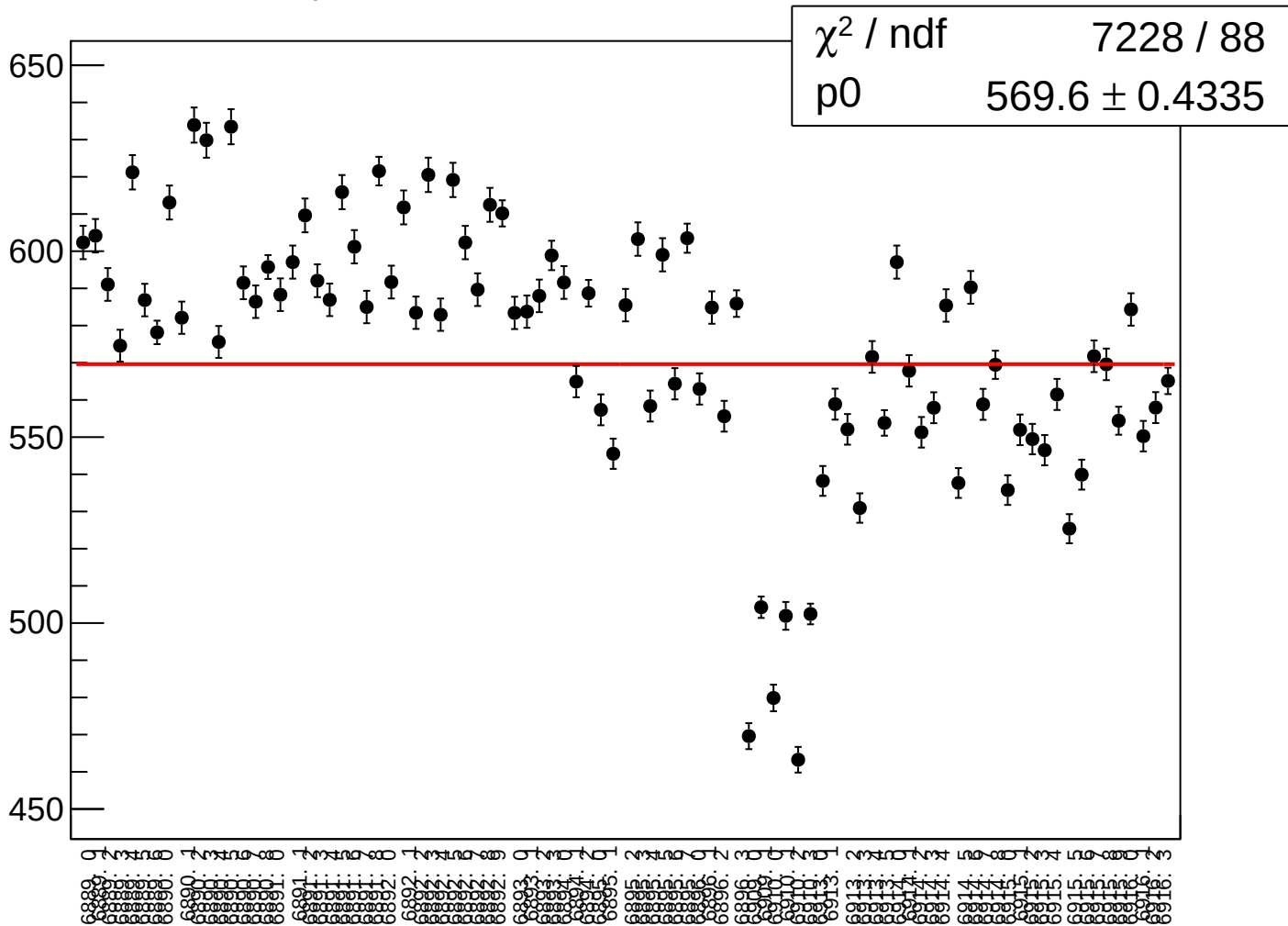
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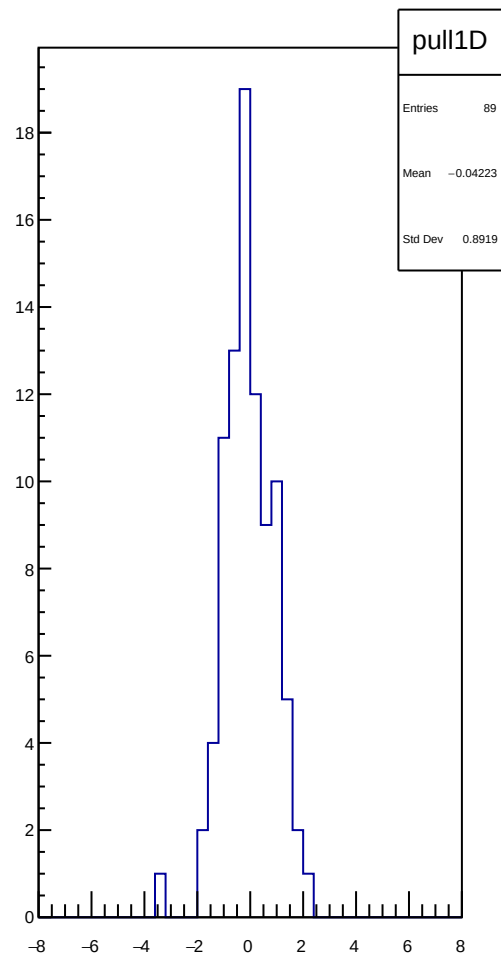
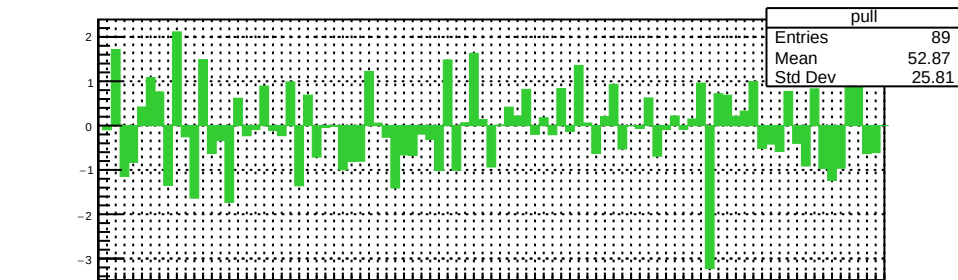
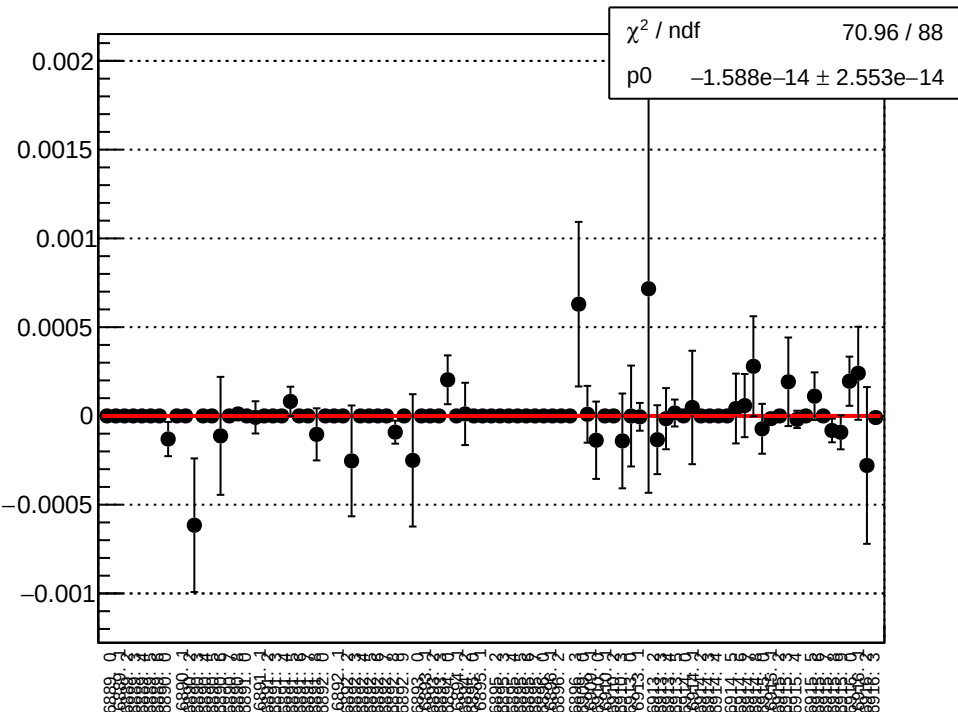
asym_sam_26_48_dd_mean vs run



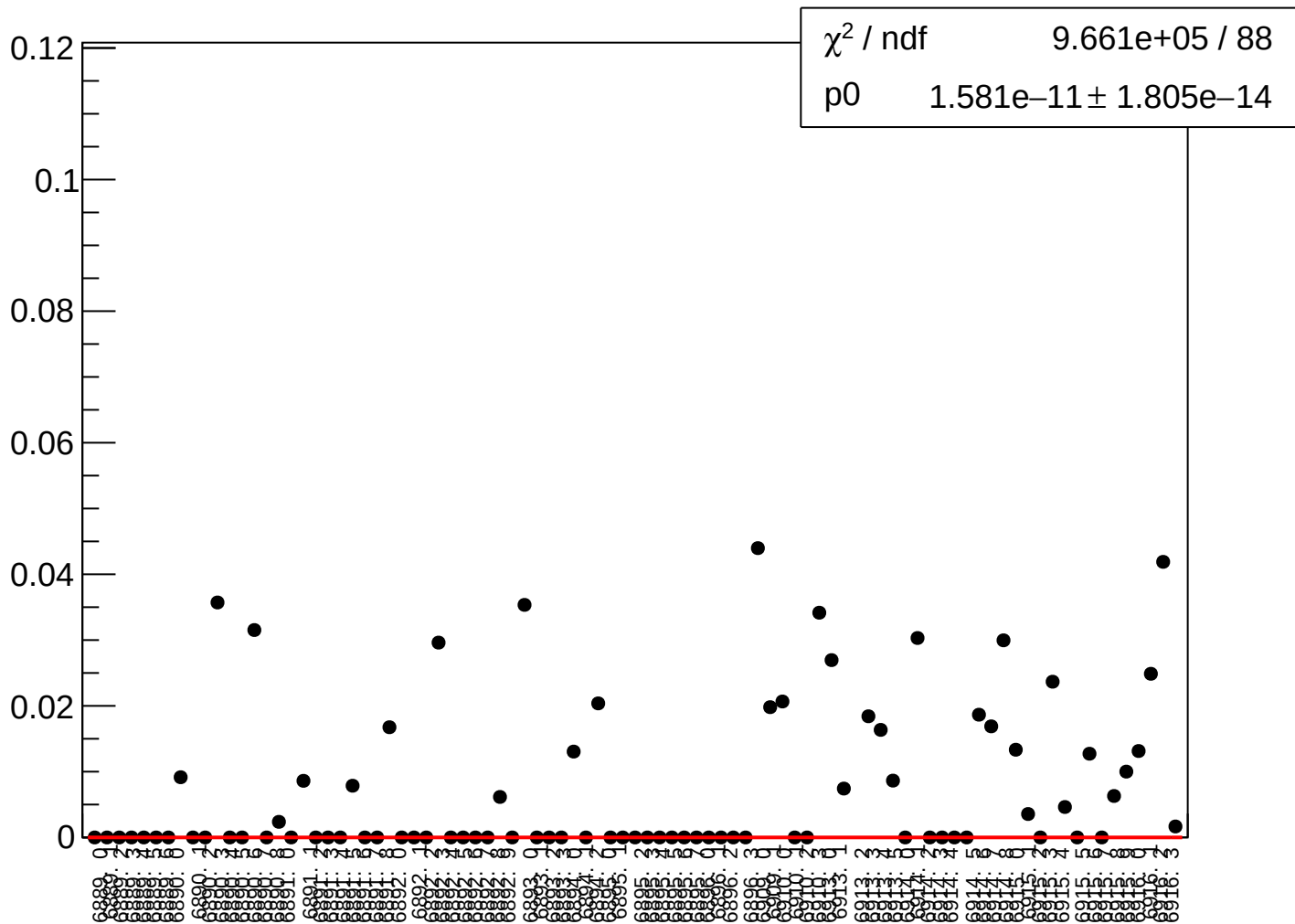
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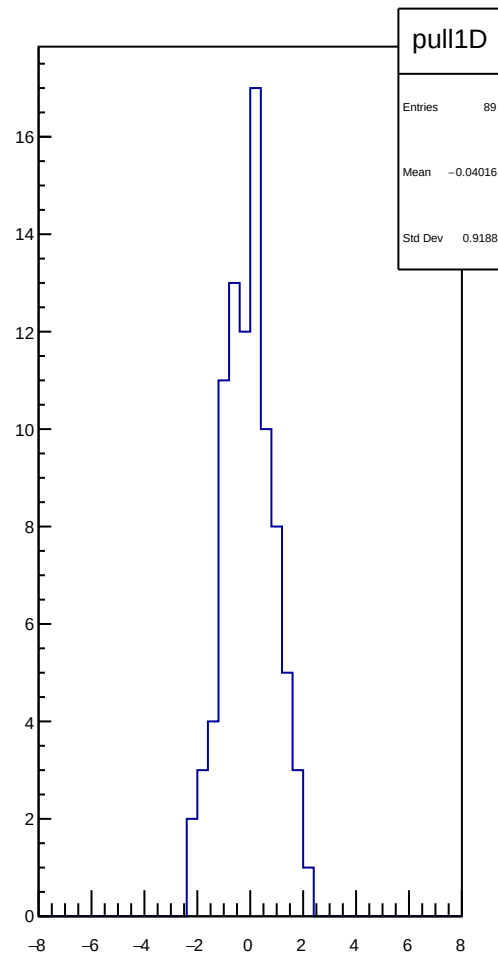
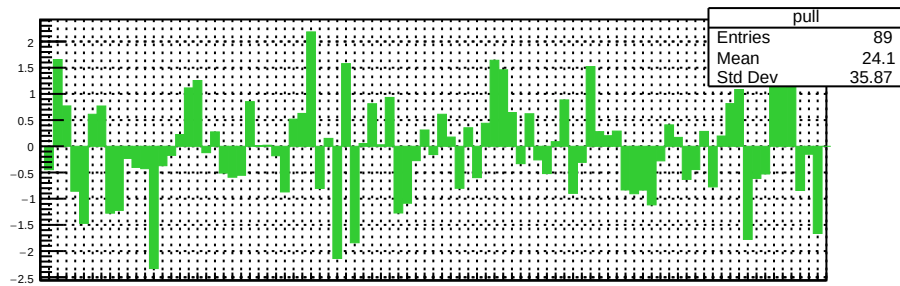
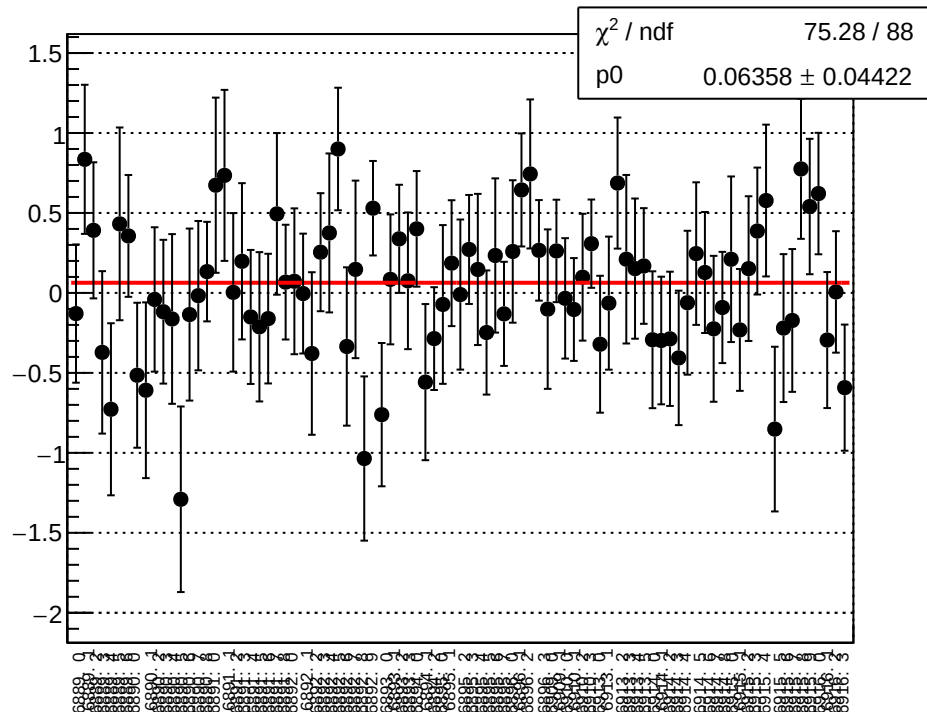
asym_sam_26_48_dd_reg_vs_cor_diff_mean vs run



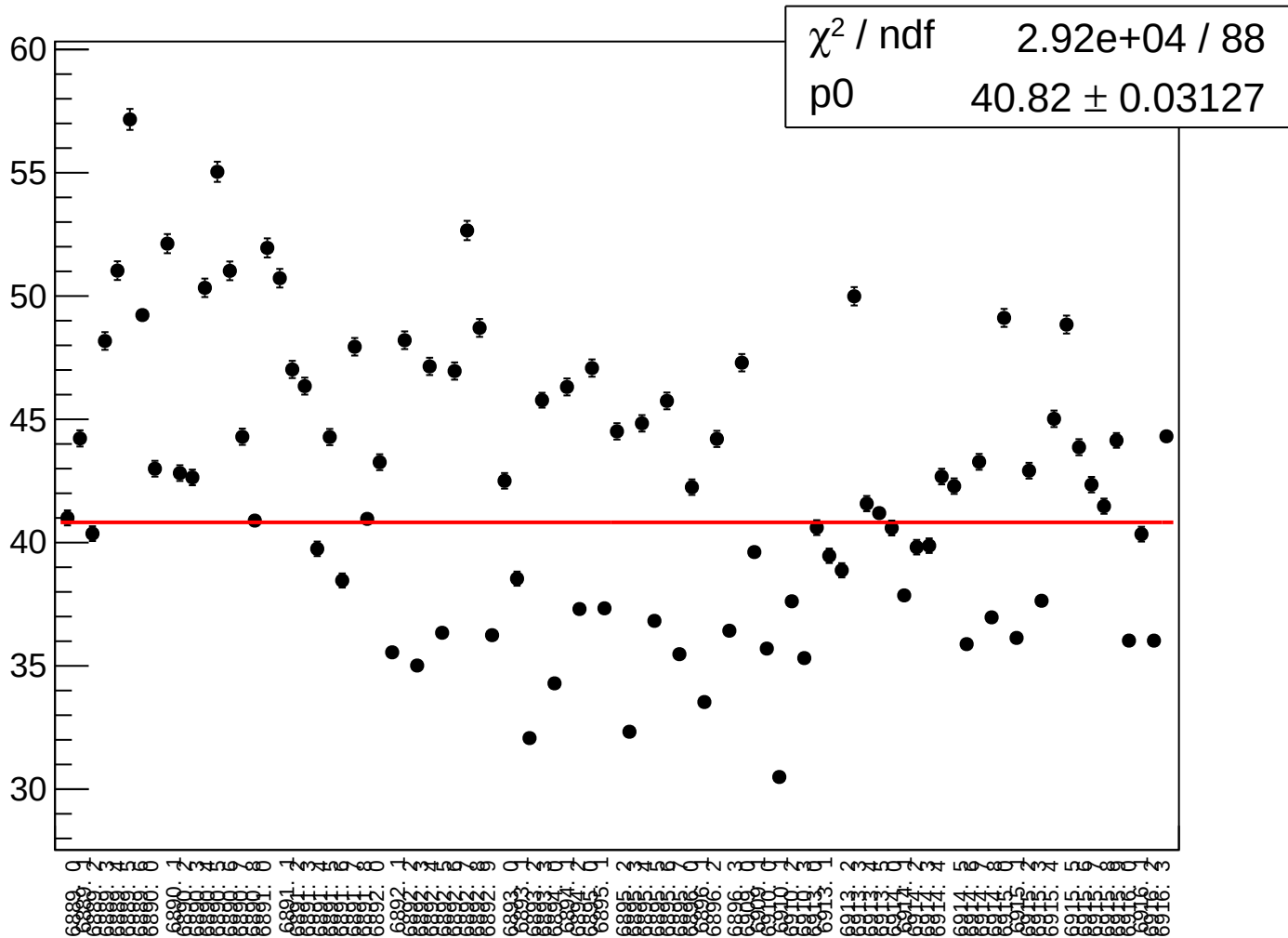
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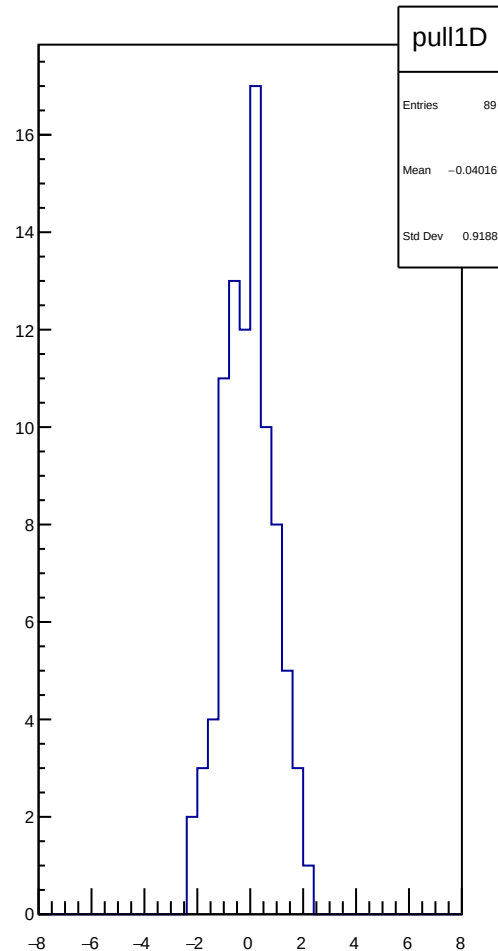
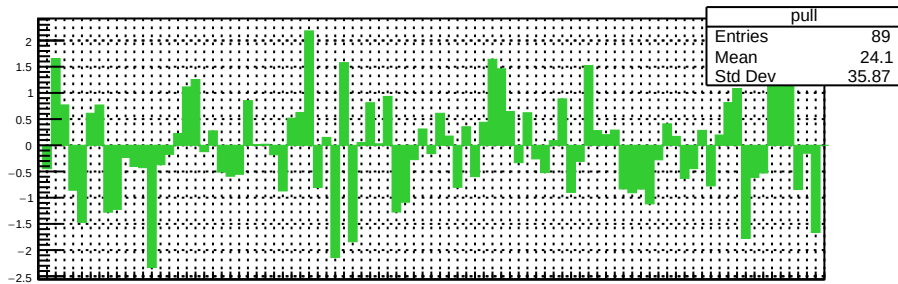
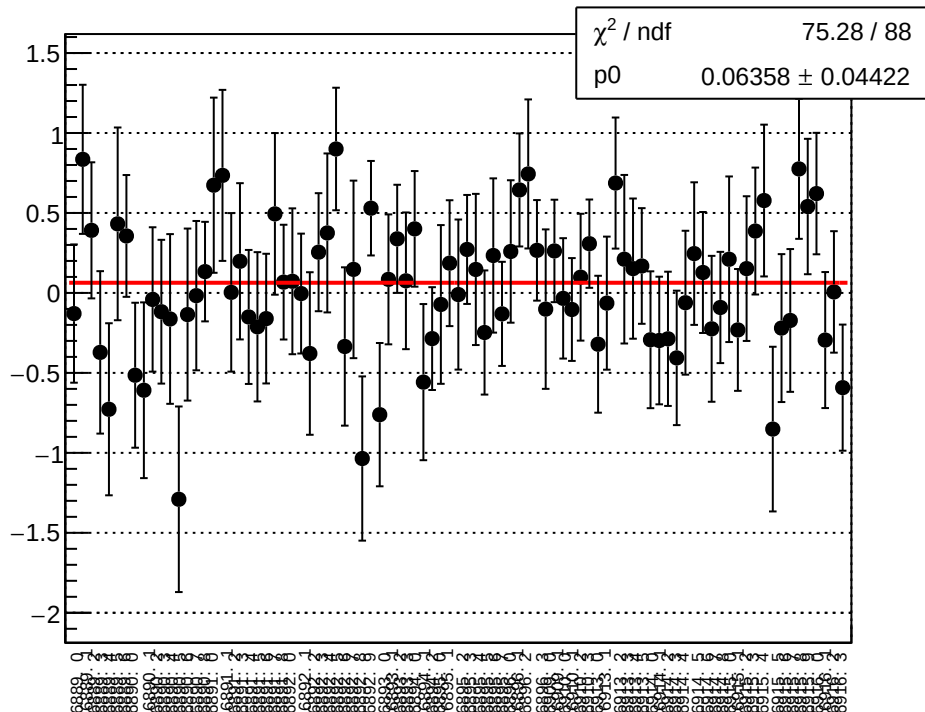
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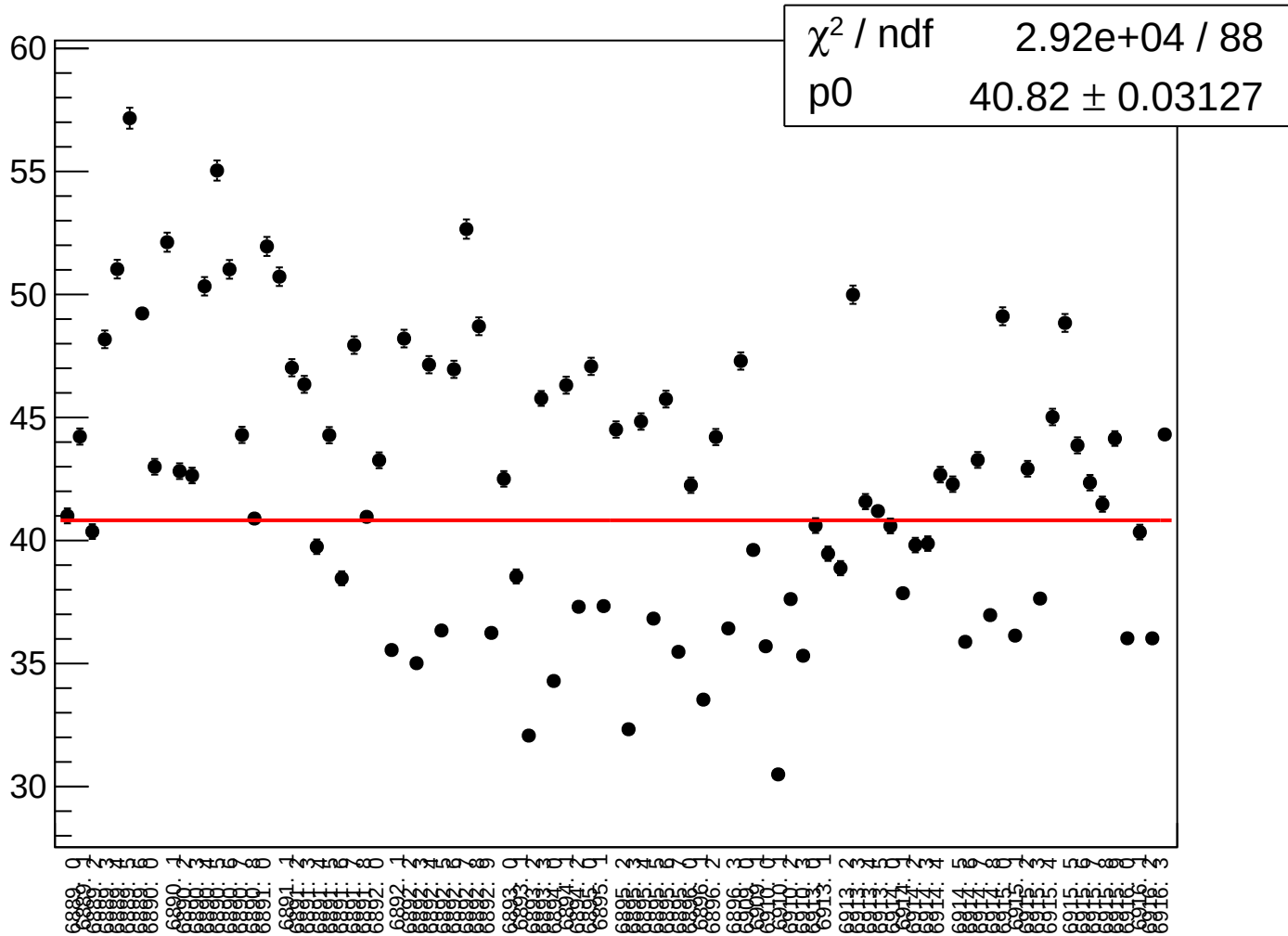
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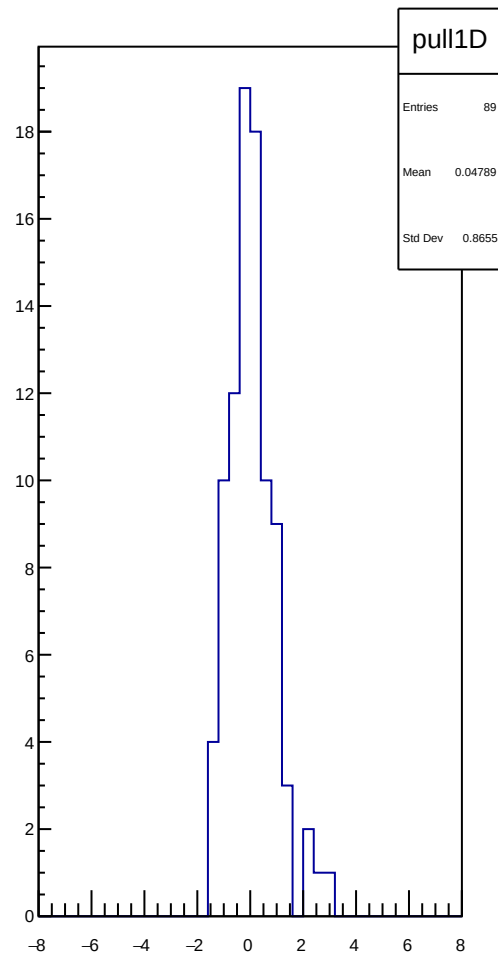
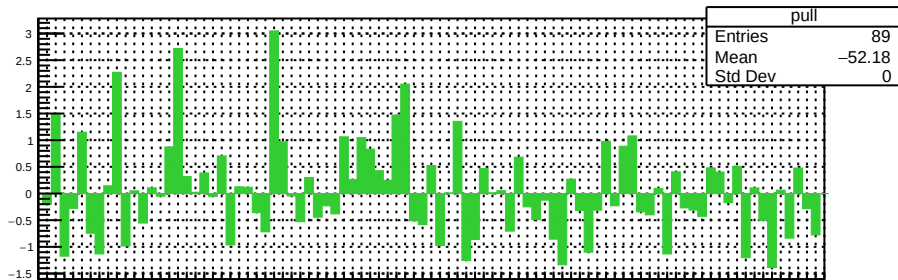
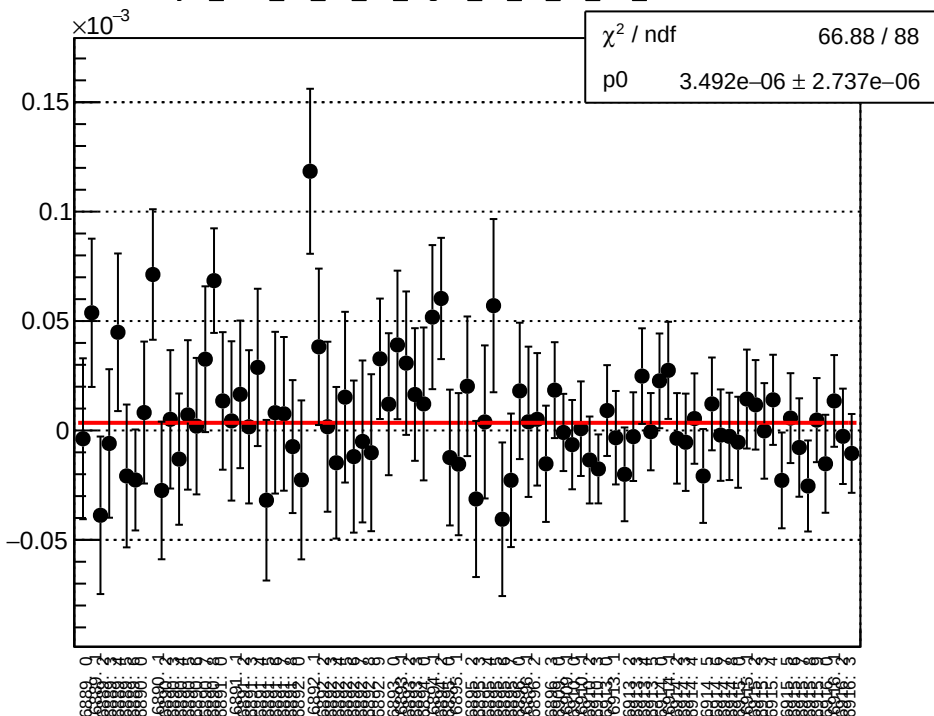
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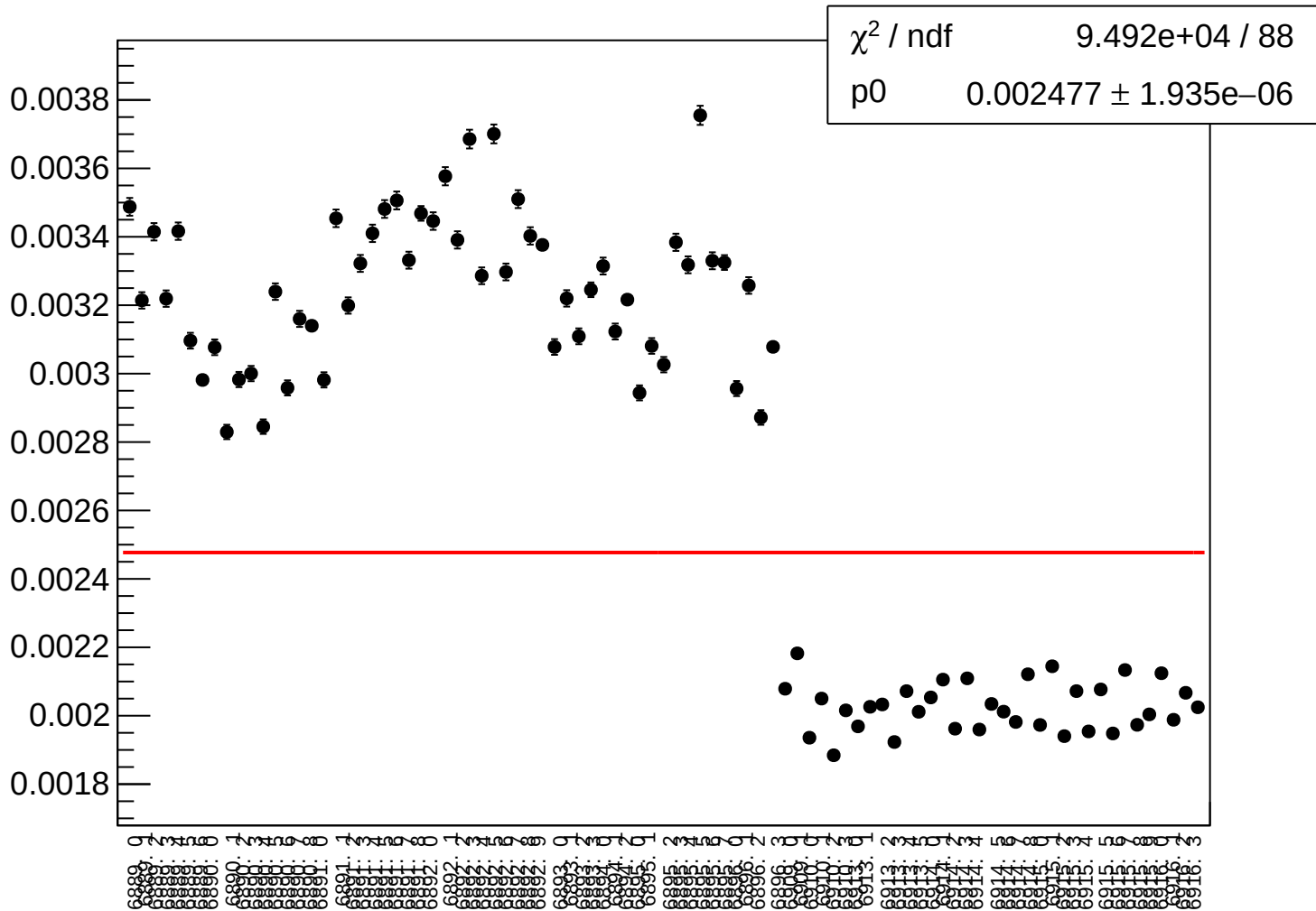
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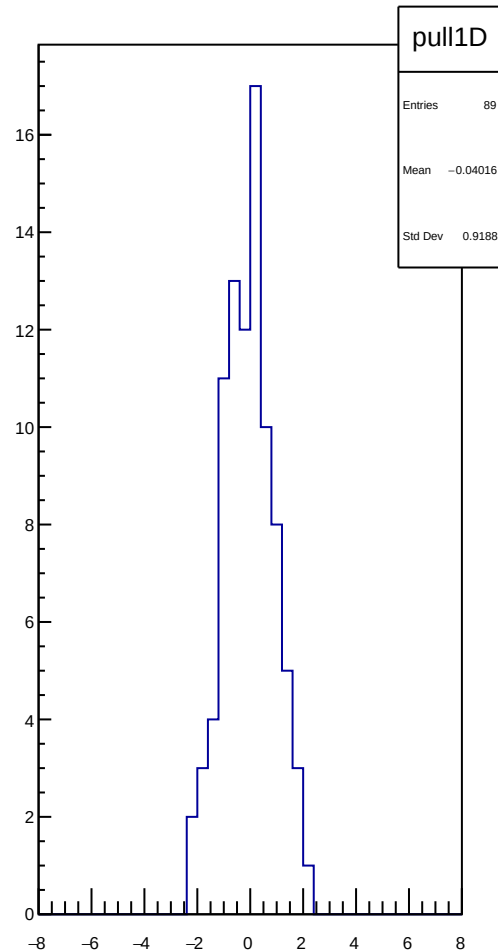
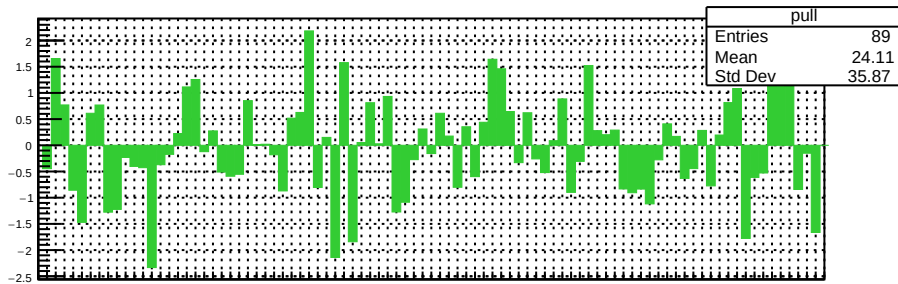
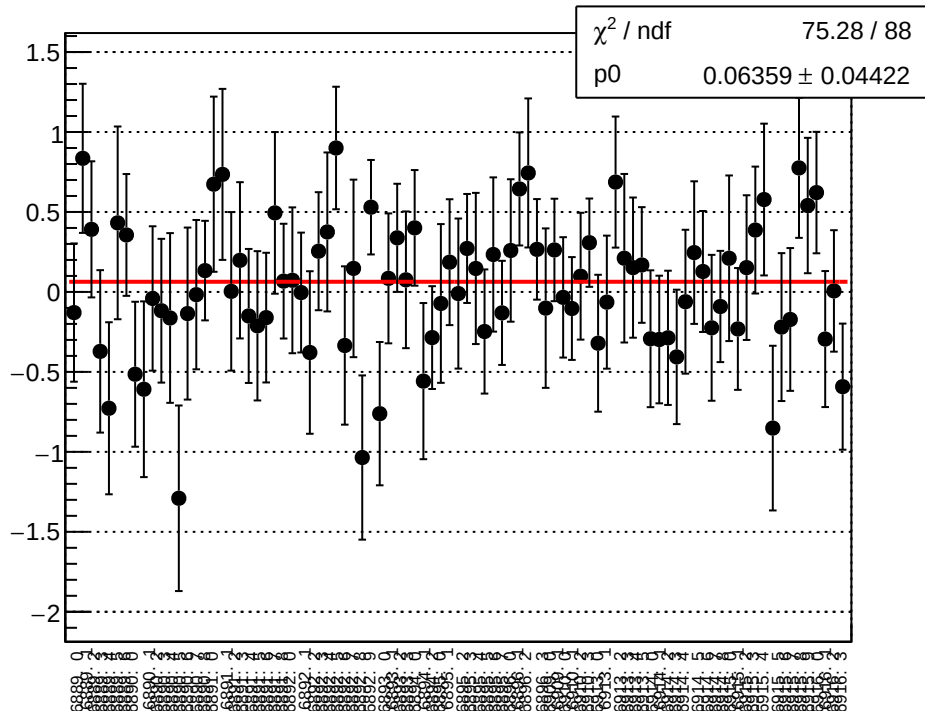
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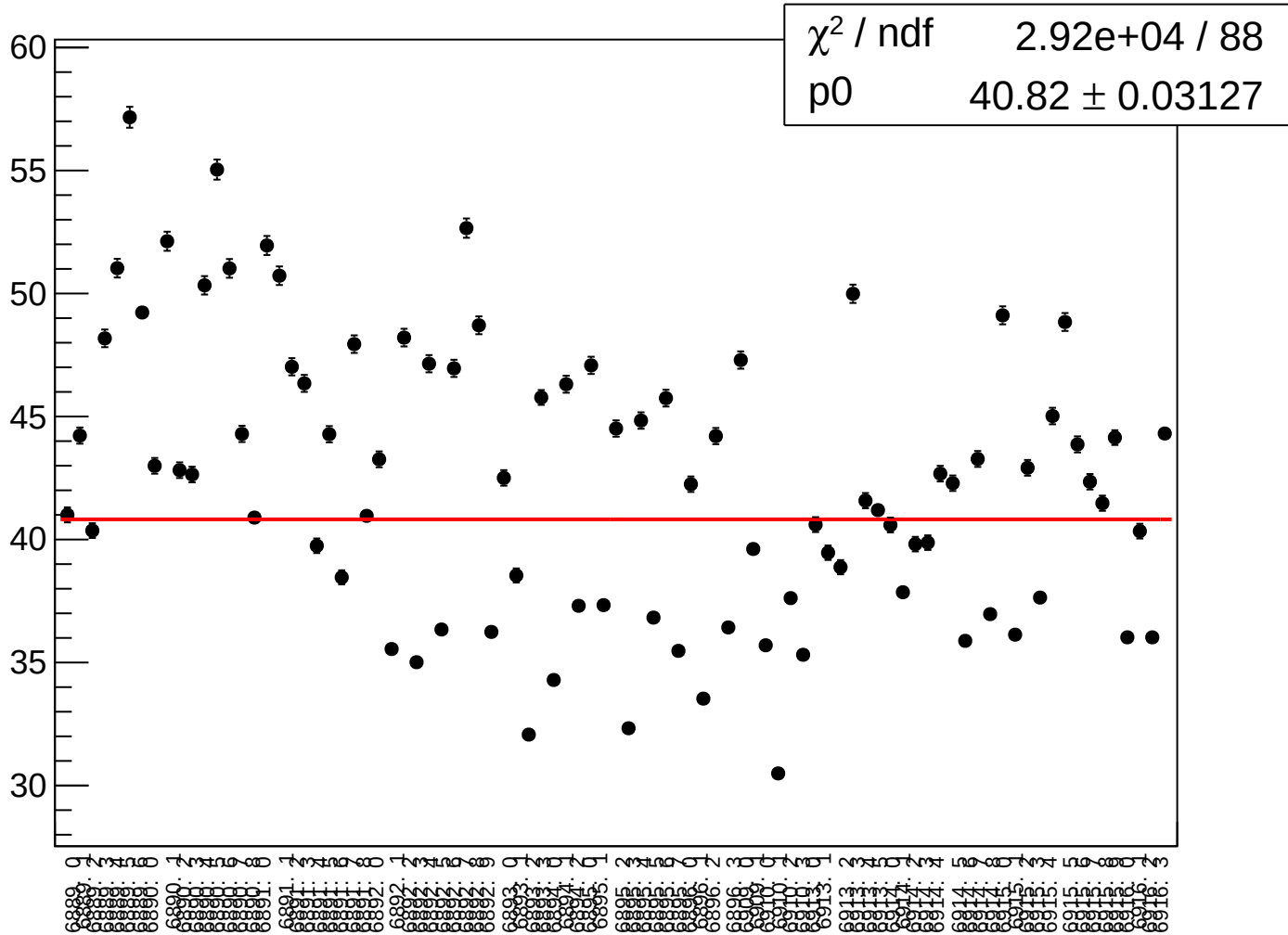
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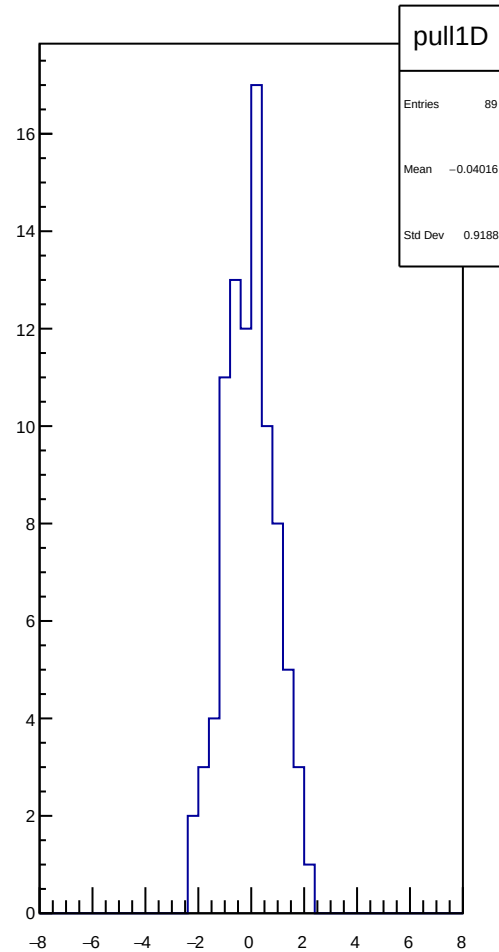
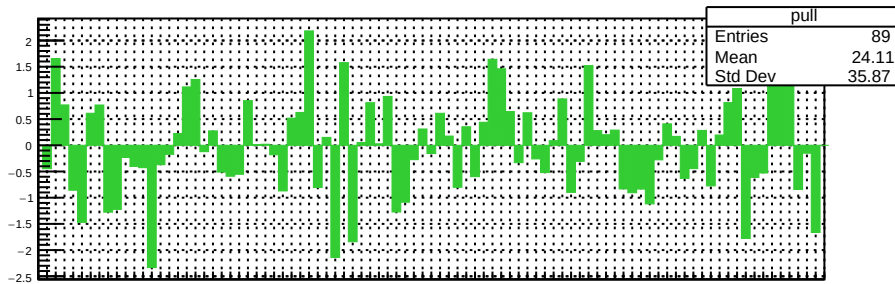
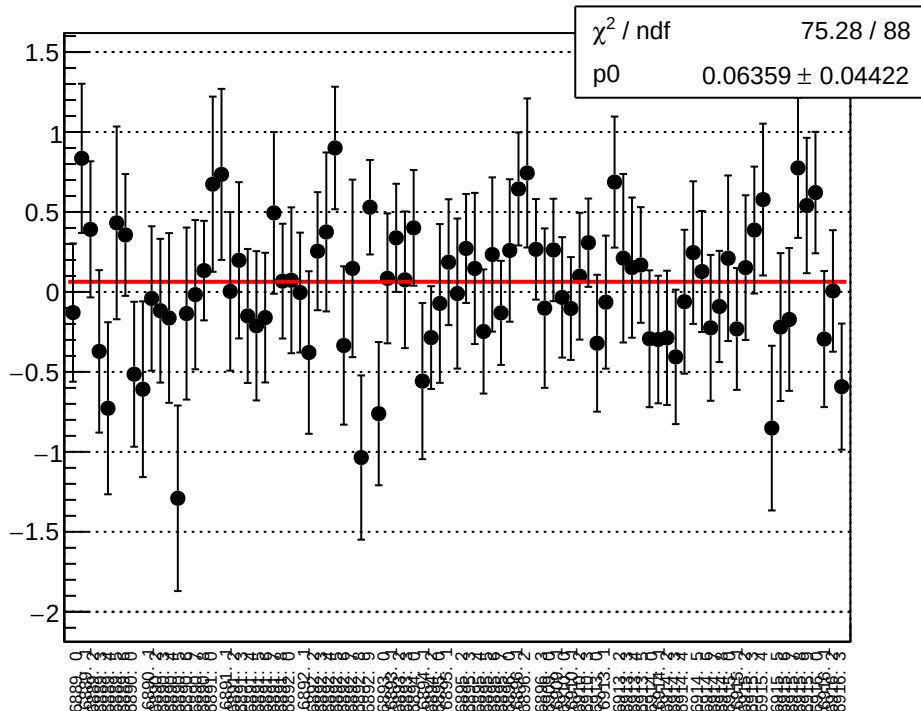
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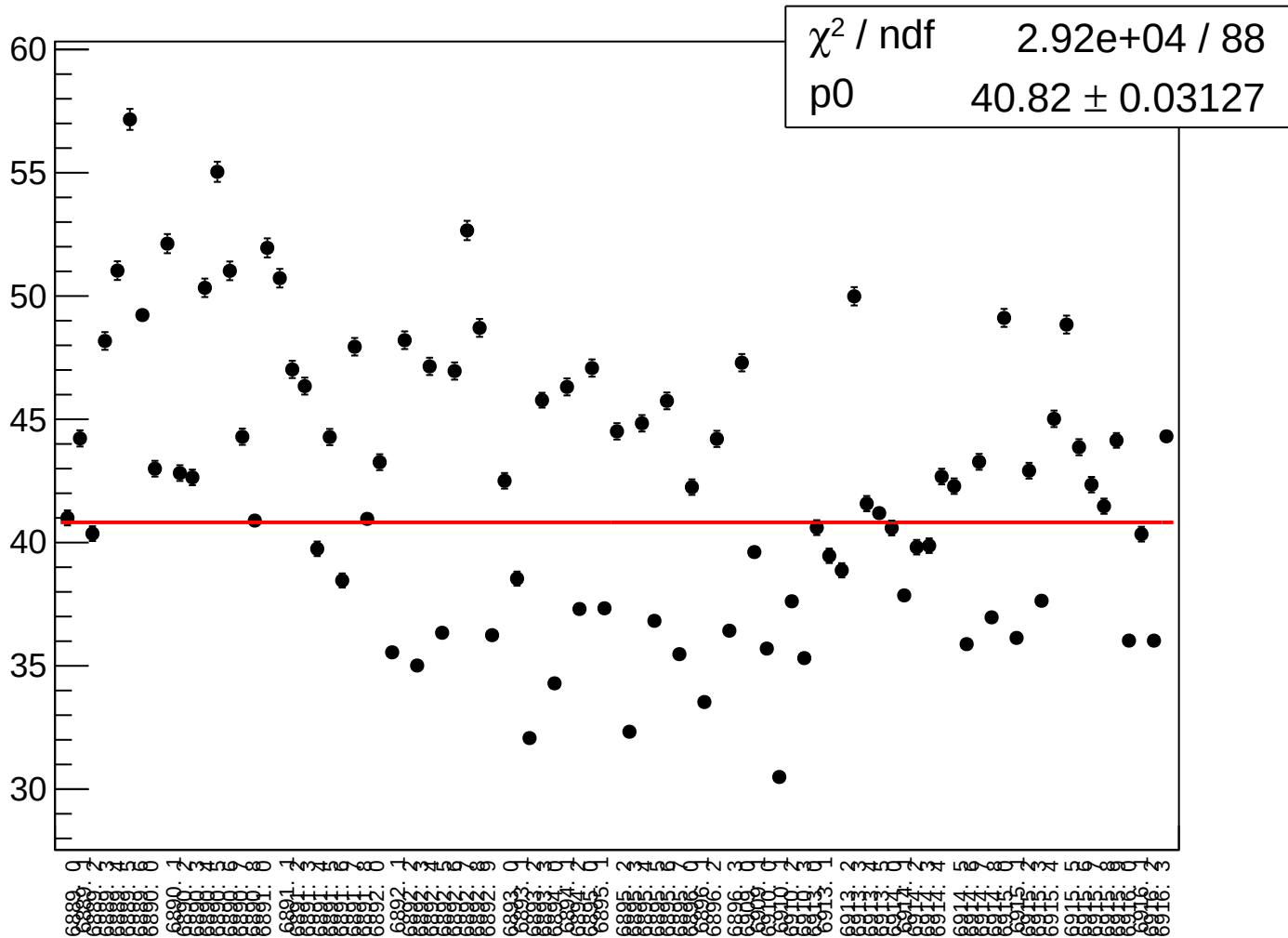
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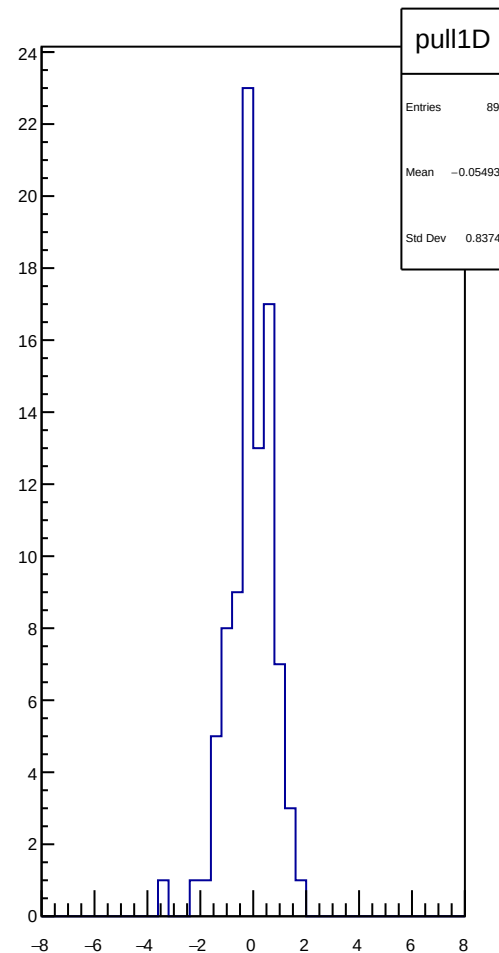
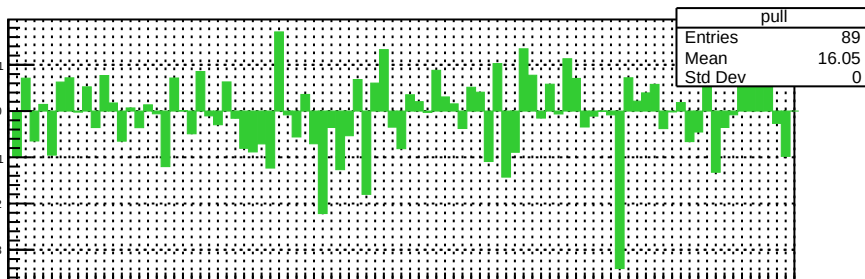
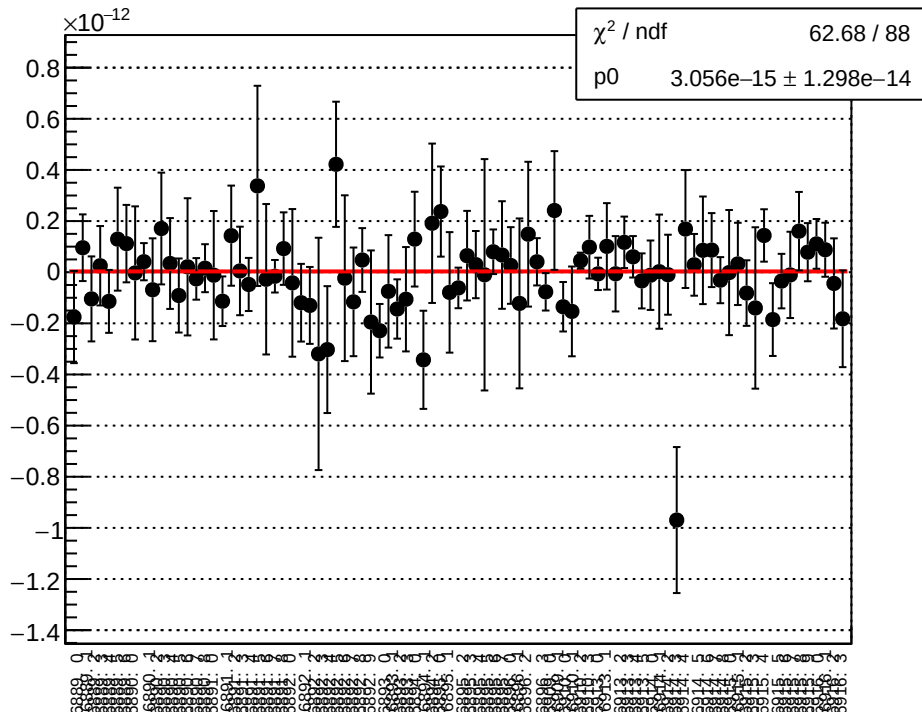
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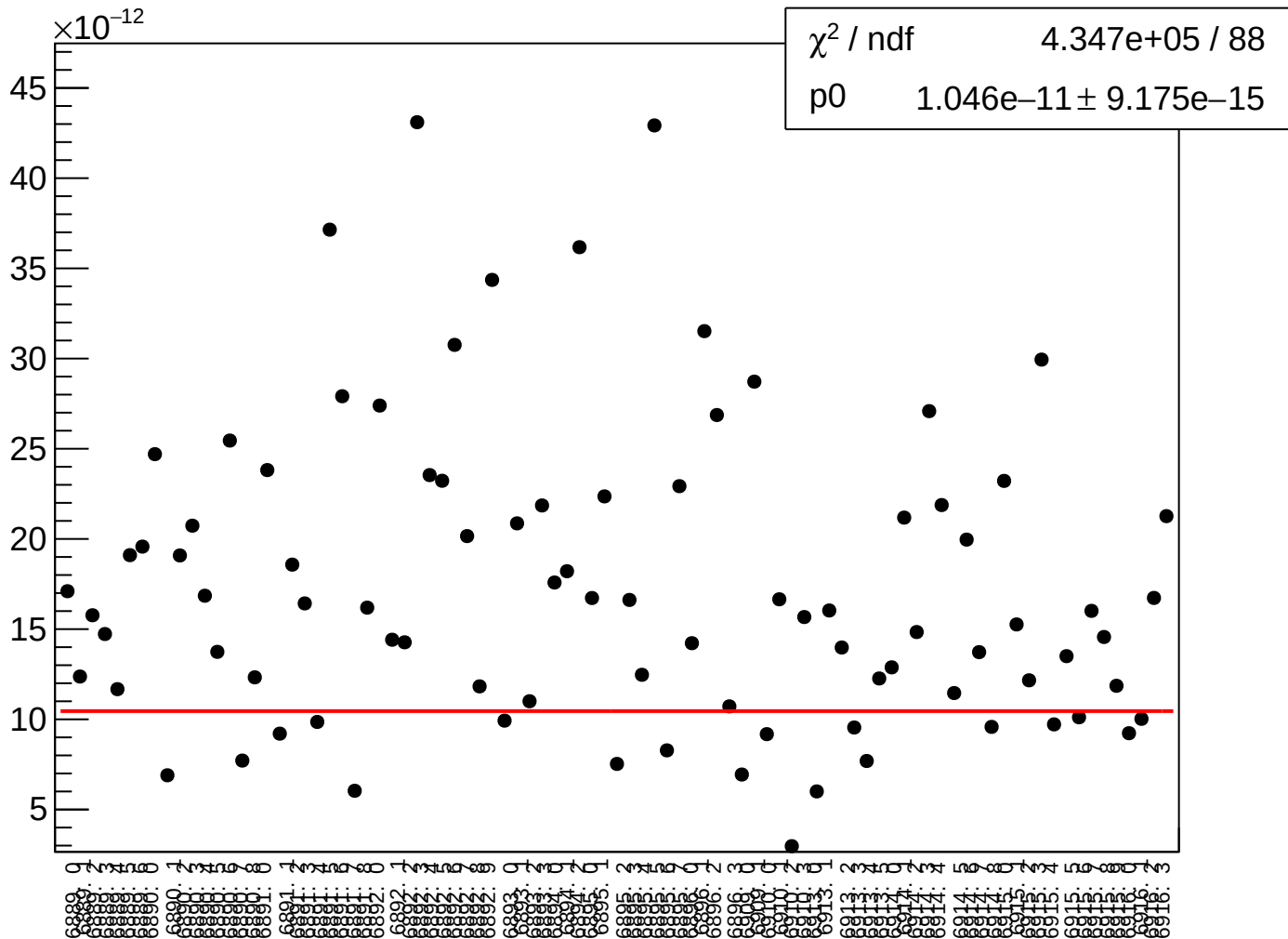
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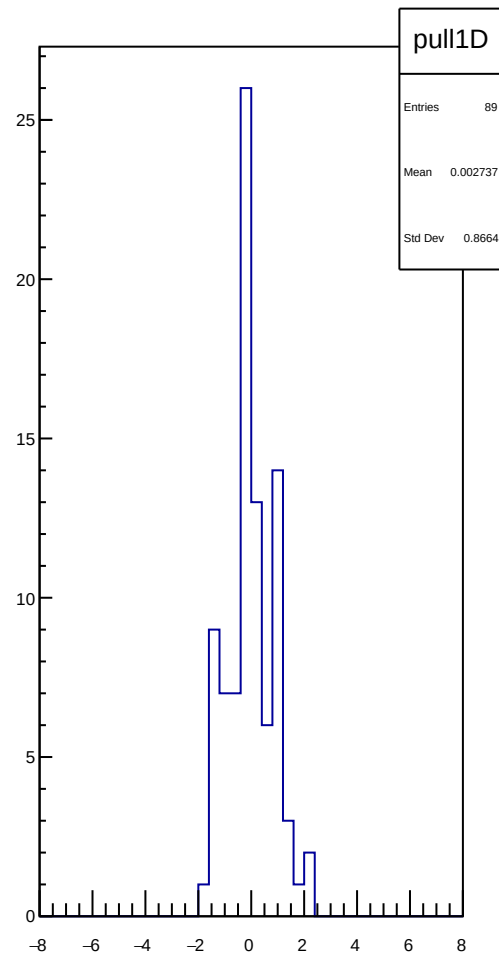
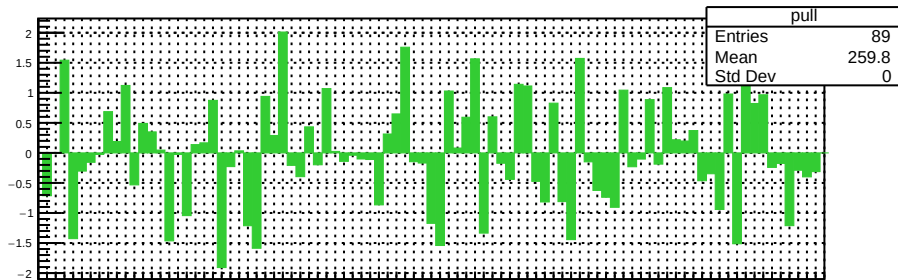
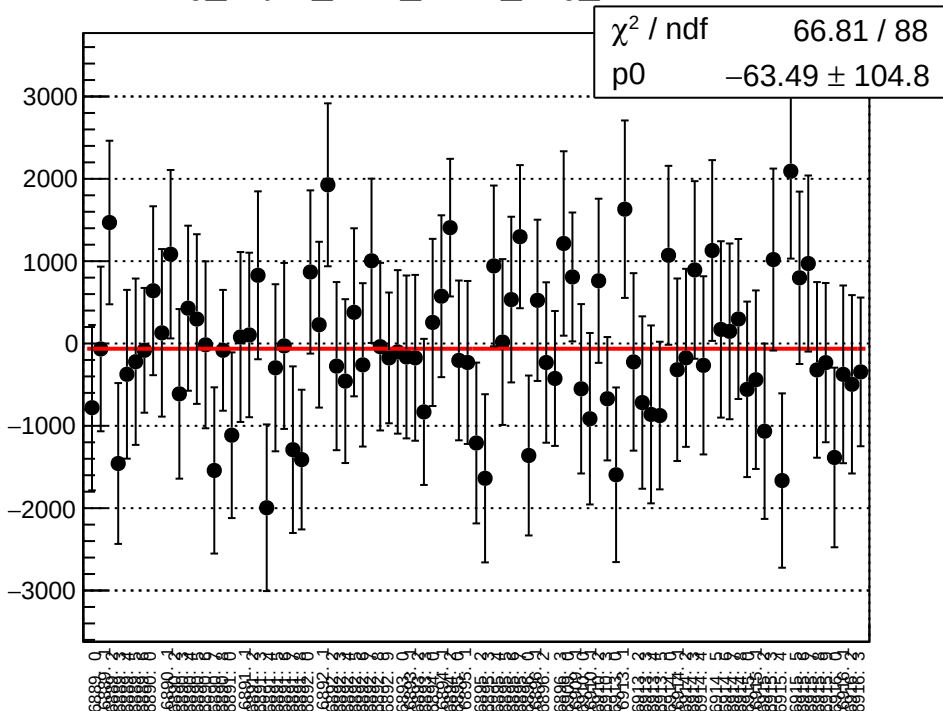
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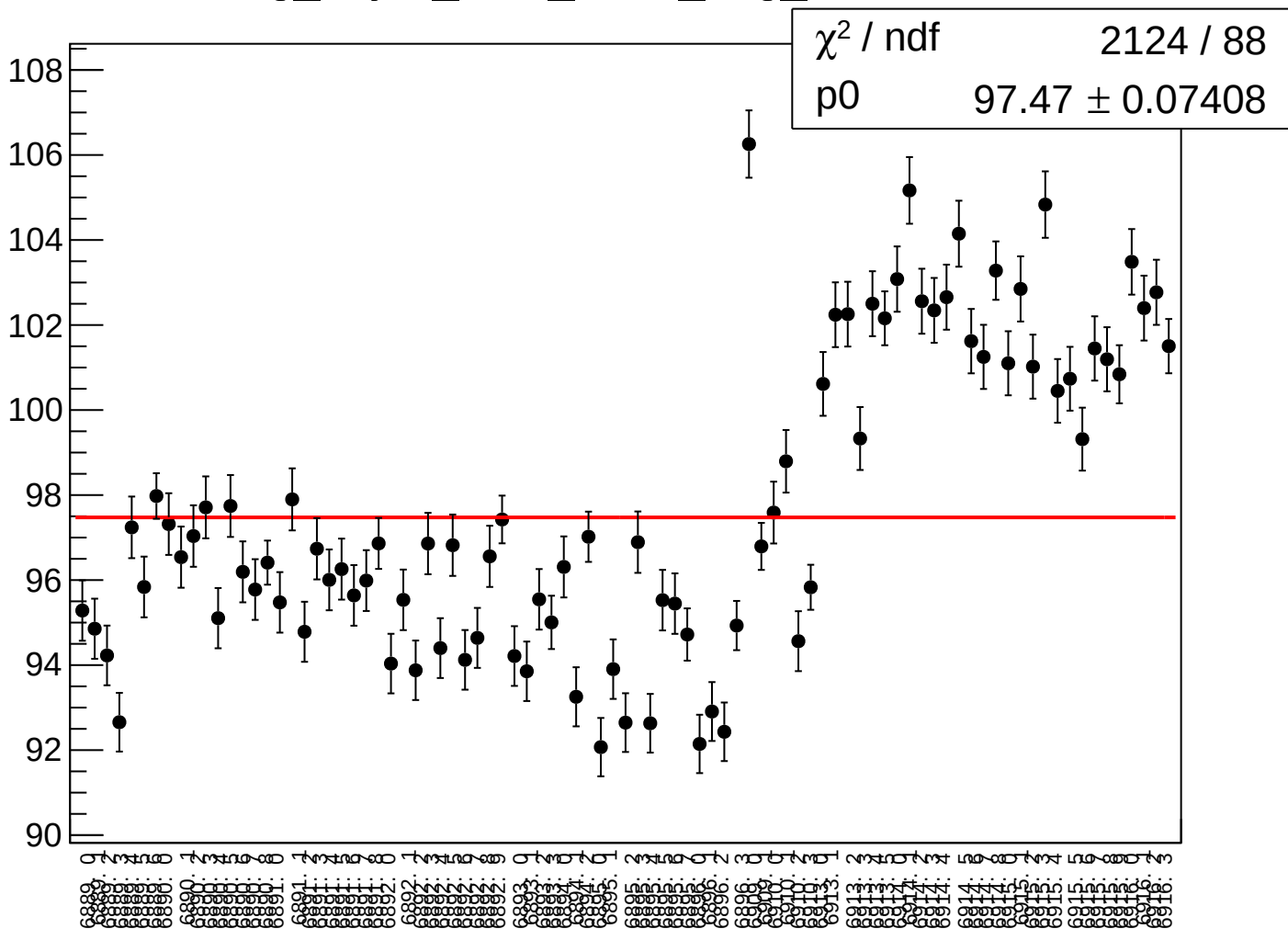
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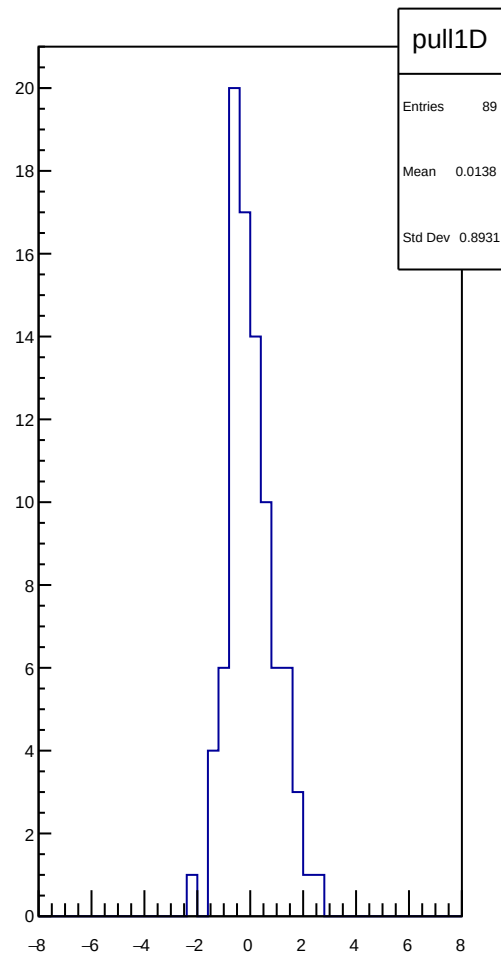
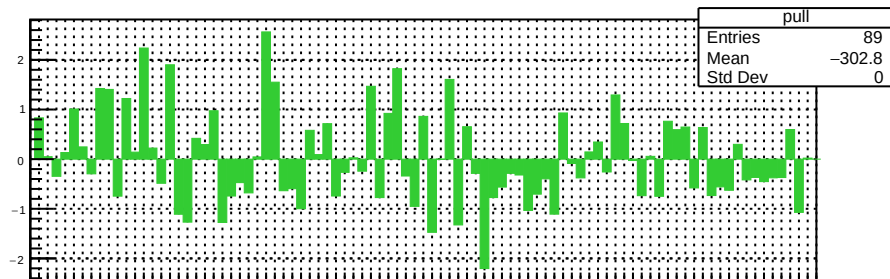
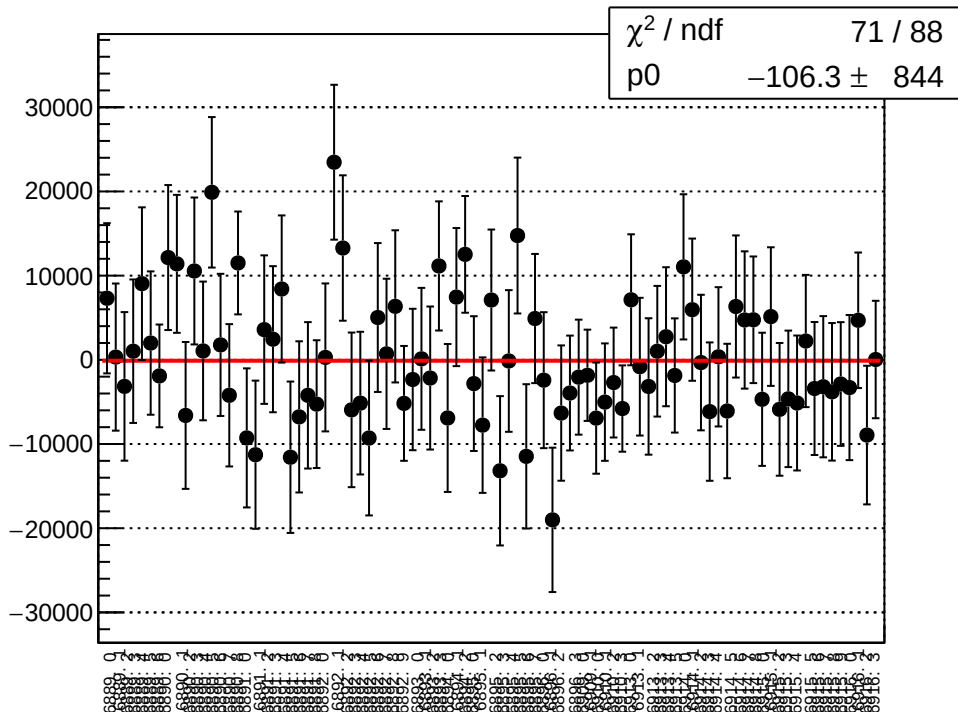
reg_asym_sam_1548_avg_mean vs run



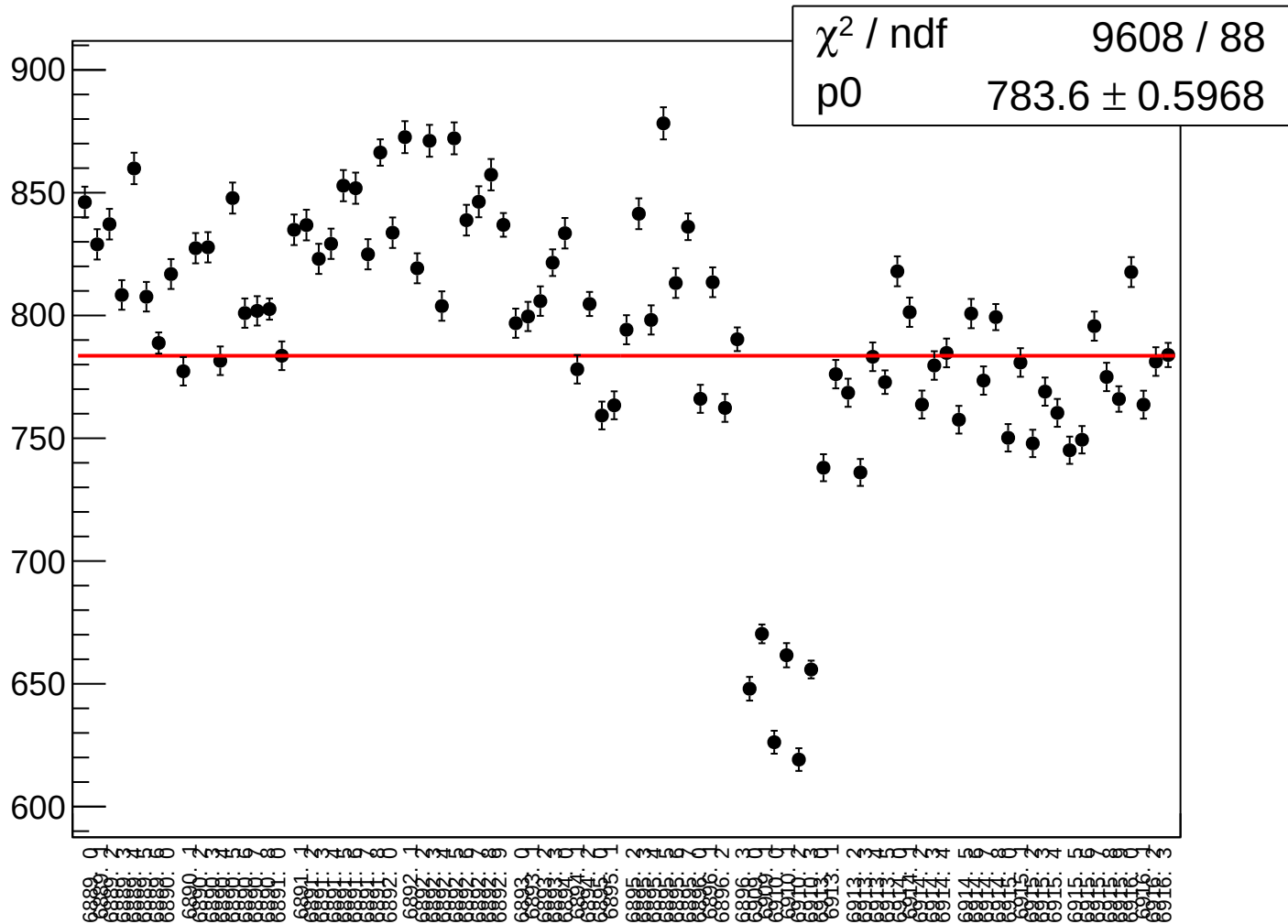
reg_asym_sam_1548_avg_rms vs run



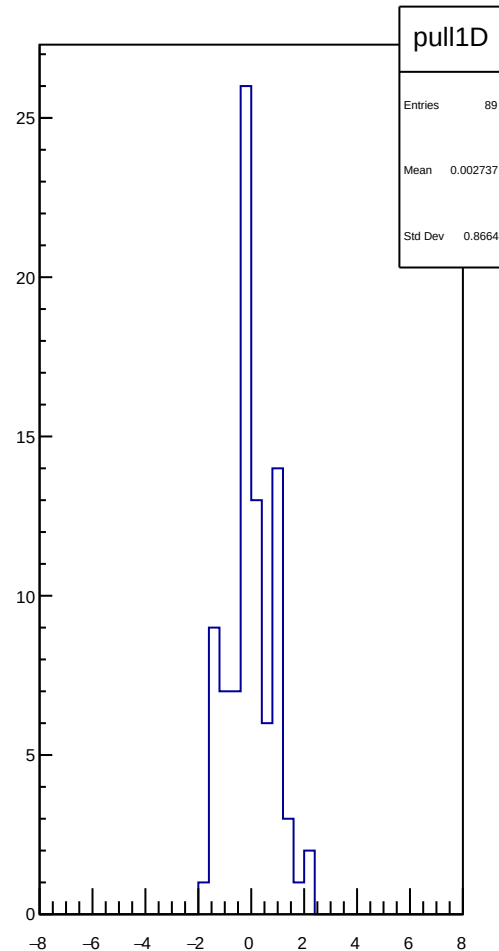
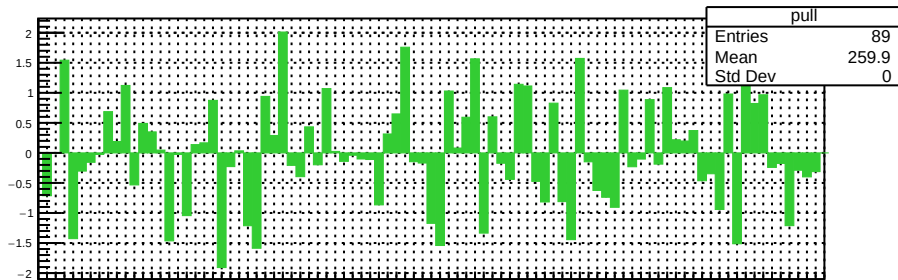
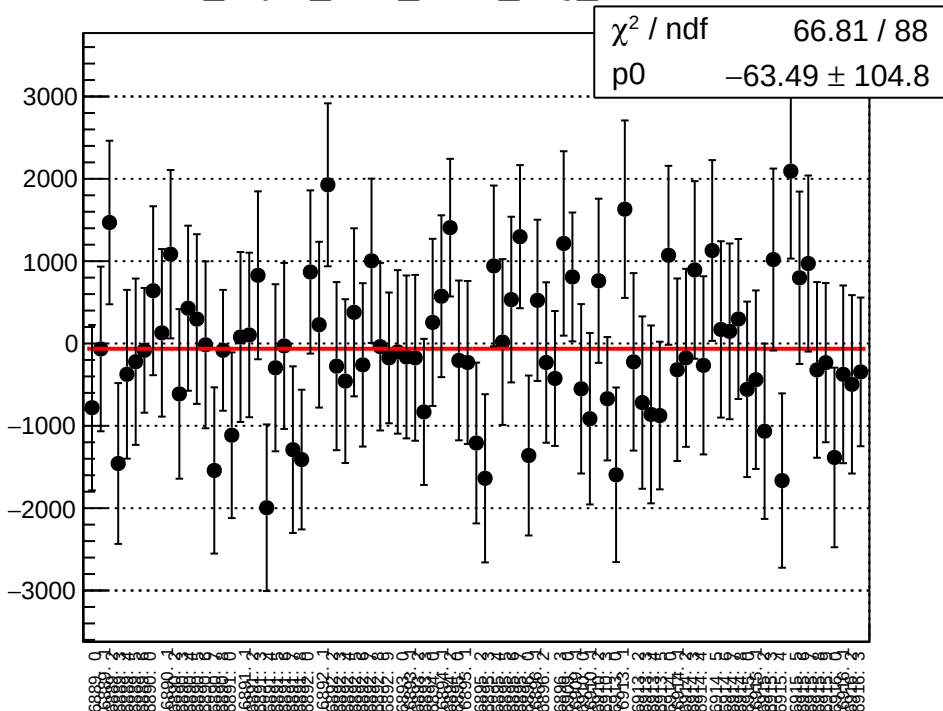
asym_sam_1548_avg_reg_correction_mean vs run



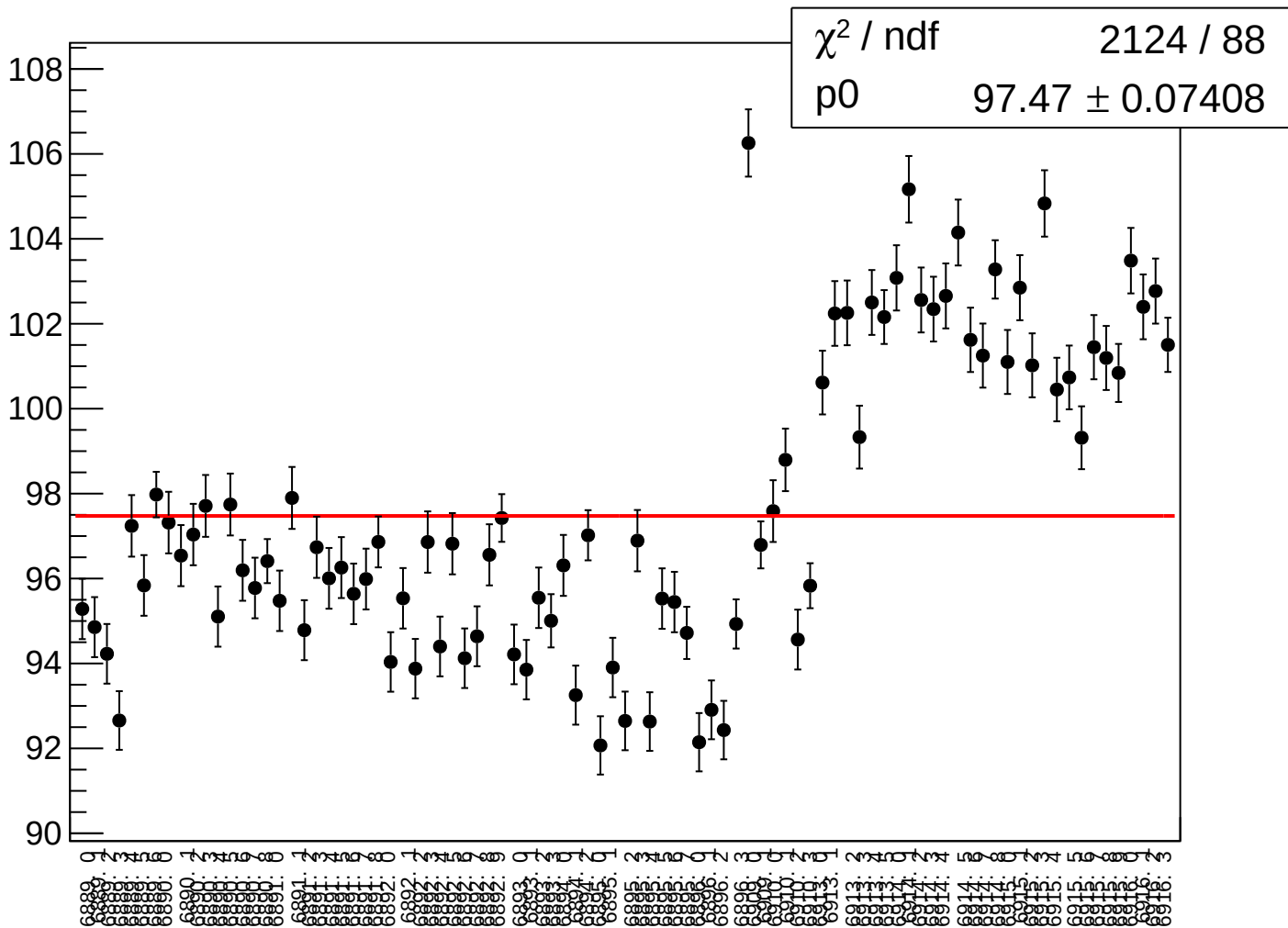
asym_sam_1548_avg_reg_correction_rms vs run



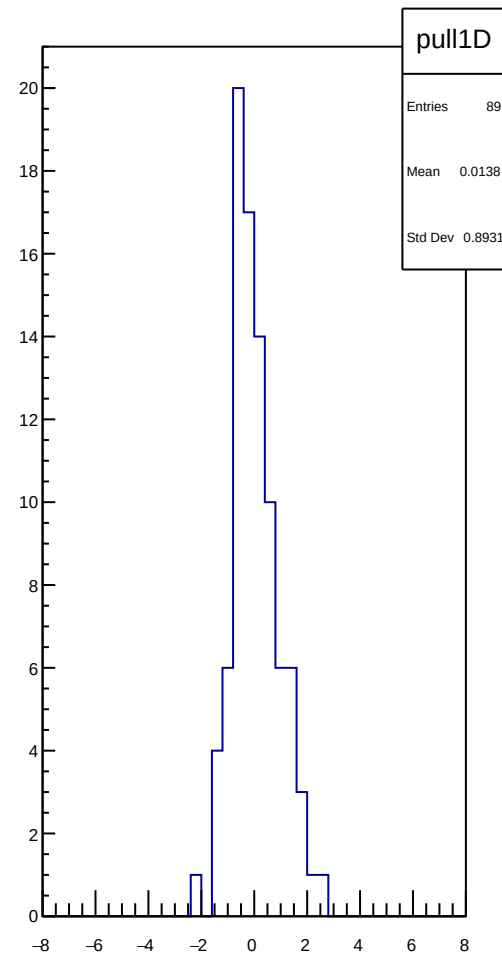
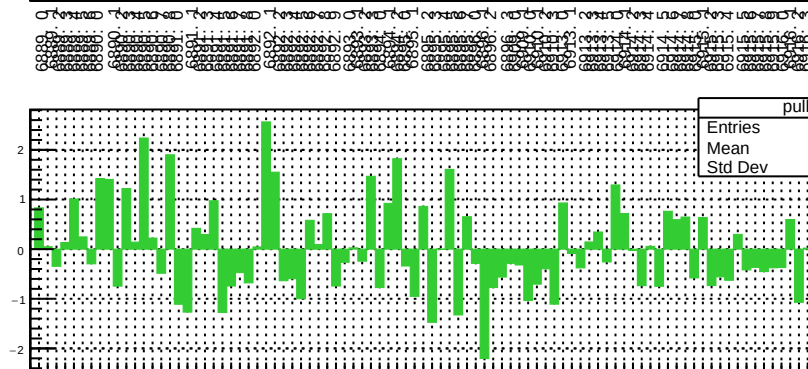
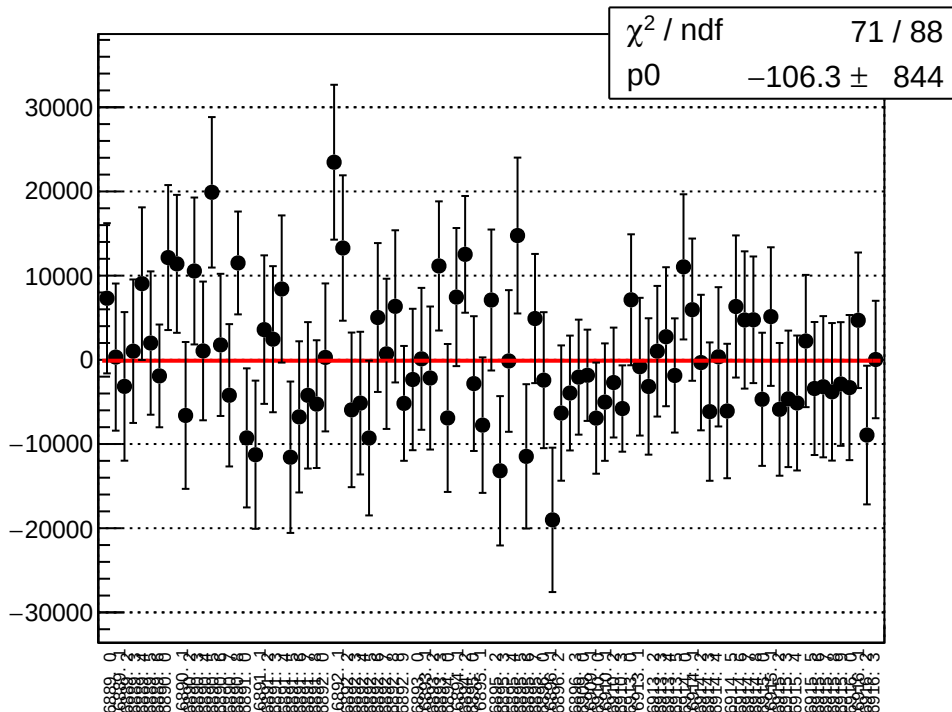
cor_asym_sam_1548_avg_mean vs run



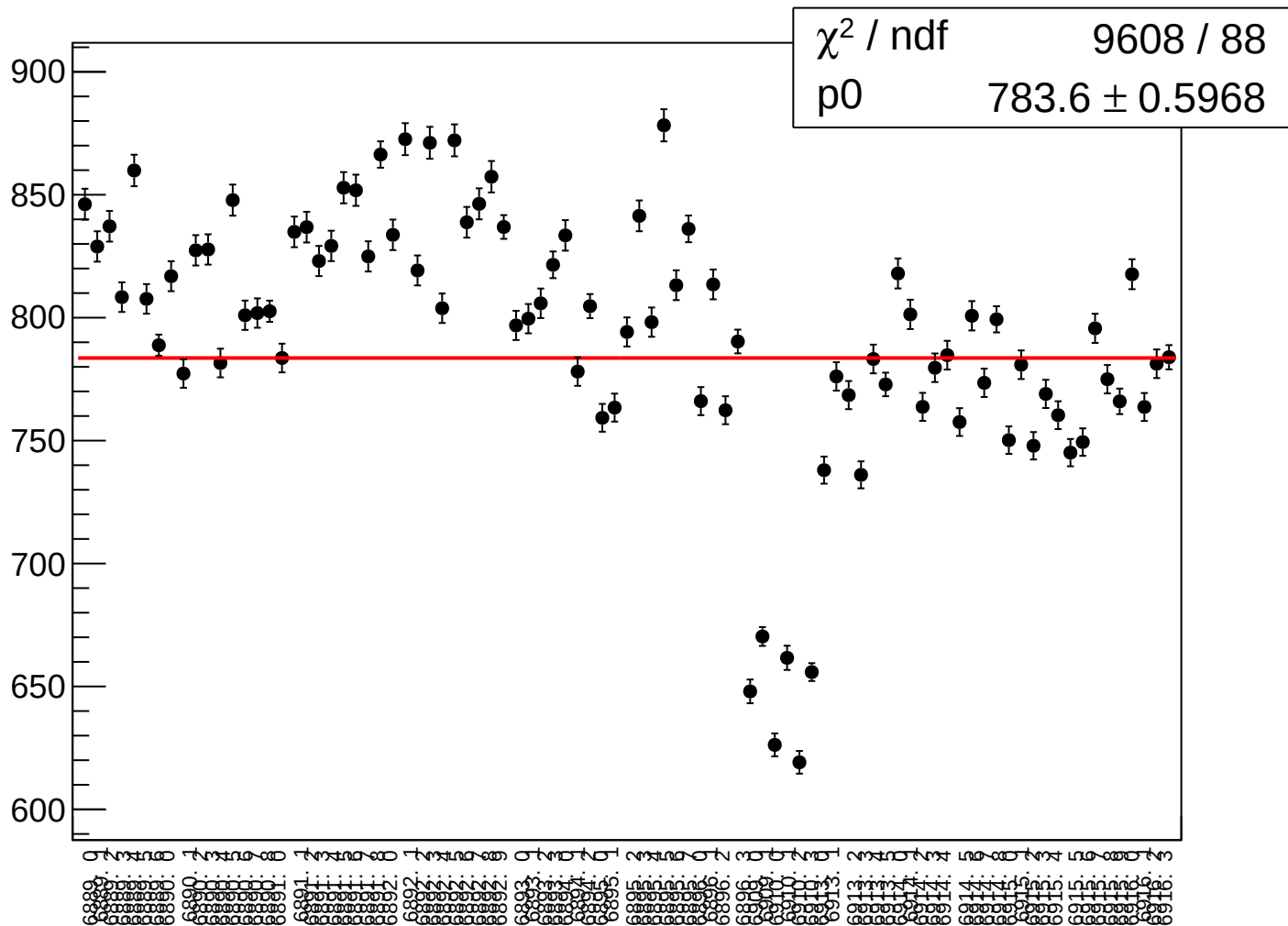
cor_asym_sam_1548_avg_rms vs run



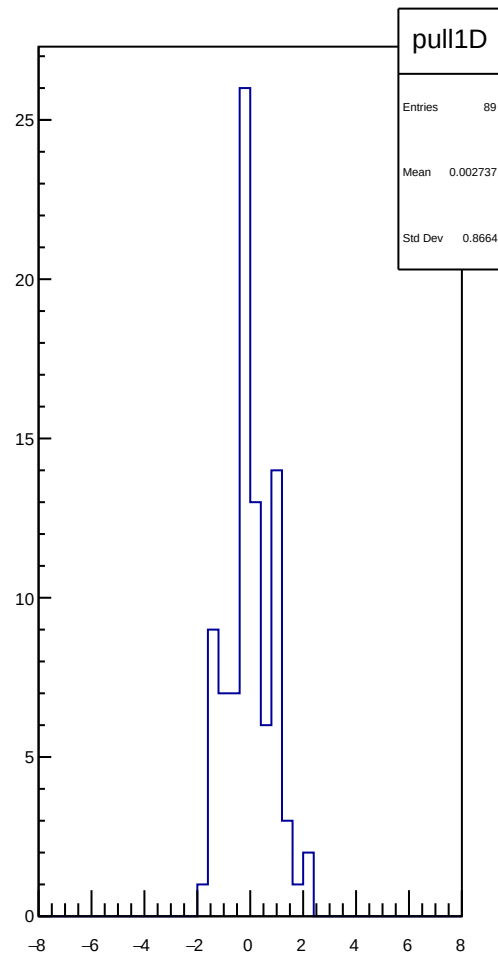
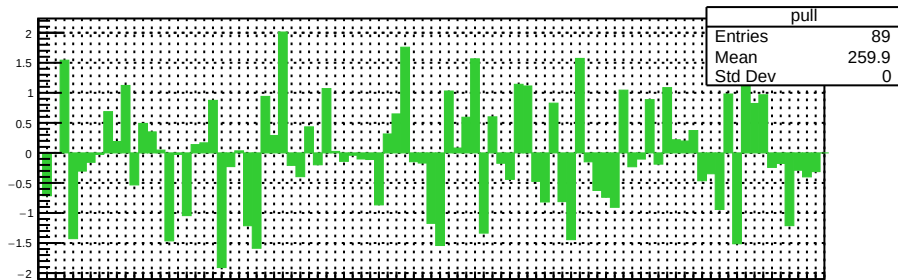
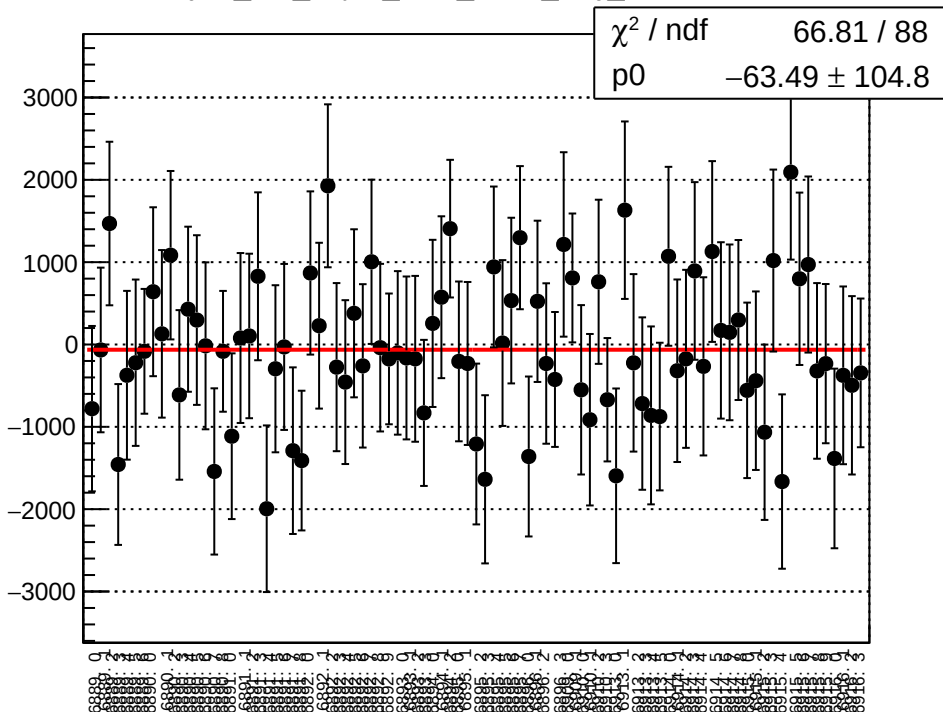
asym_sam_1548_avg_cor_correction_mean vs run



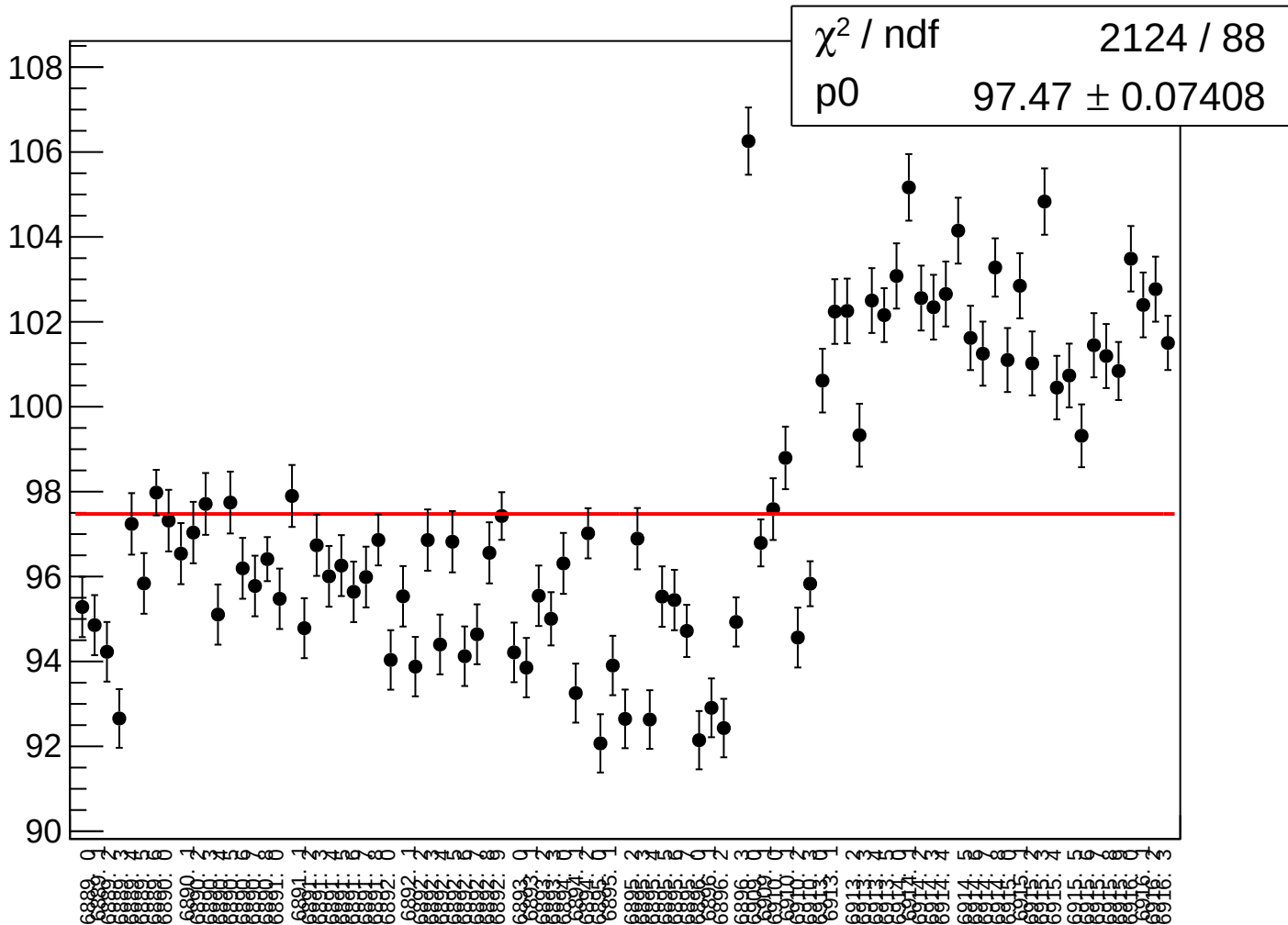
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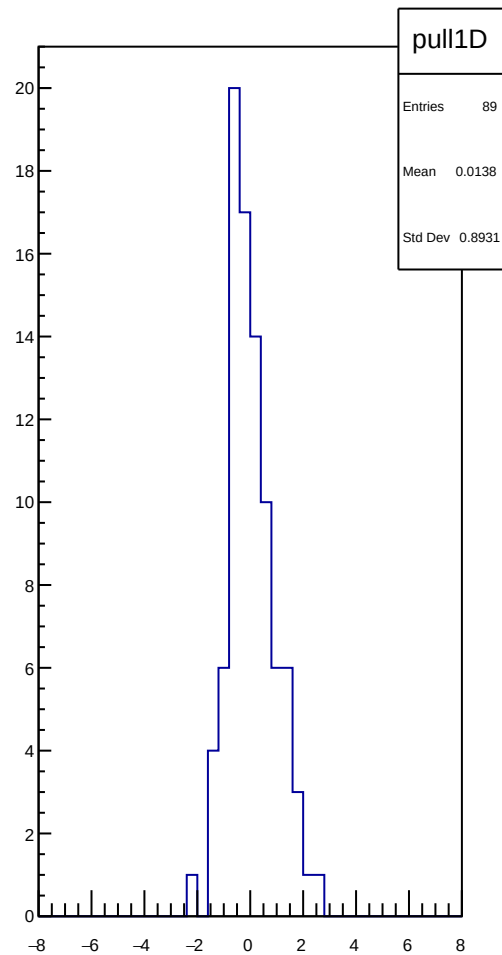
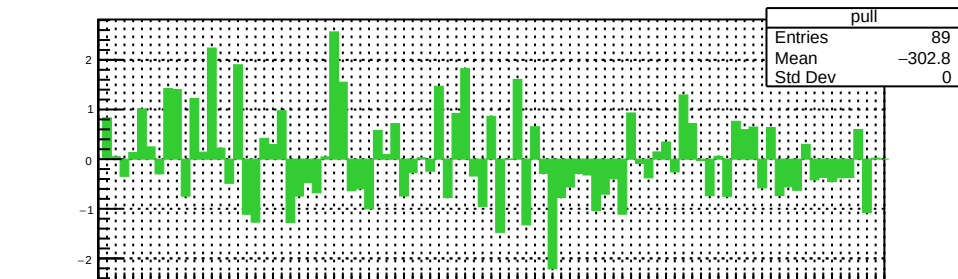
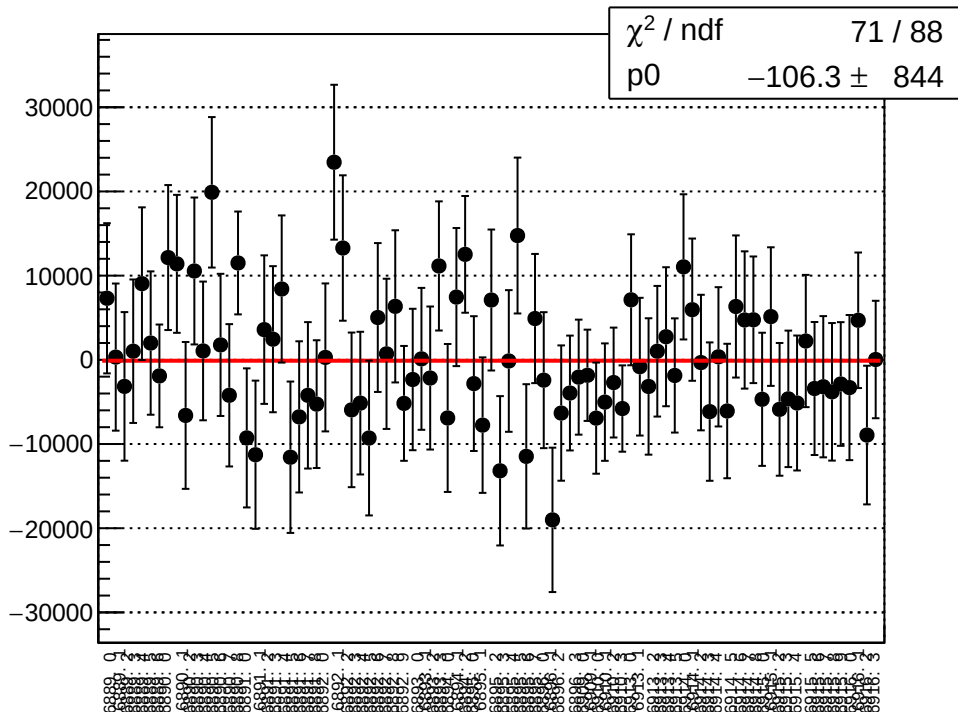
eigen_cor_asym_sam_1548_avg_mean vs run



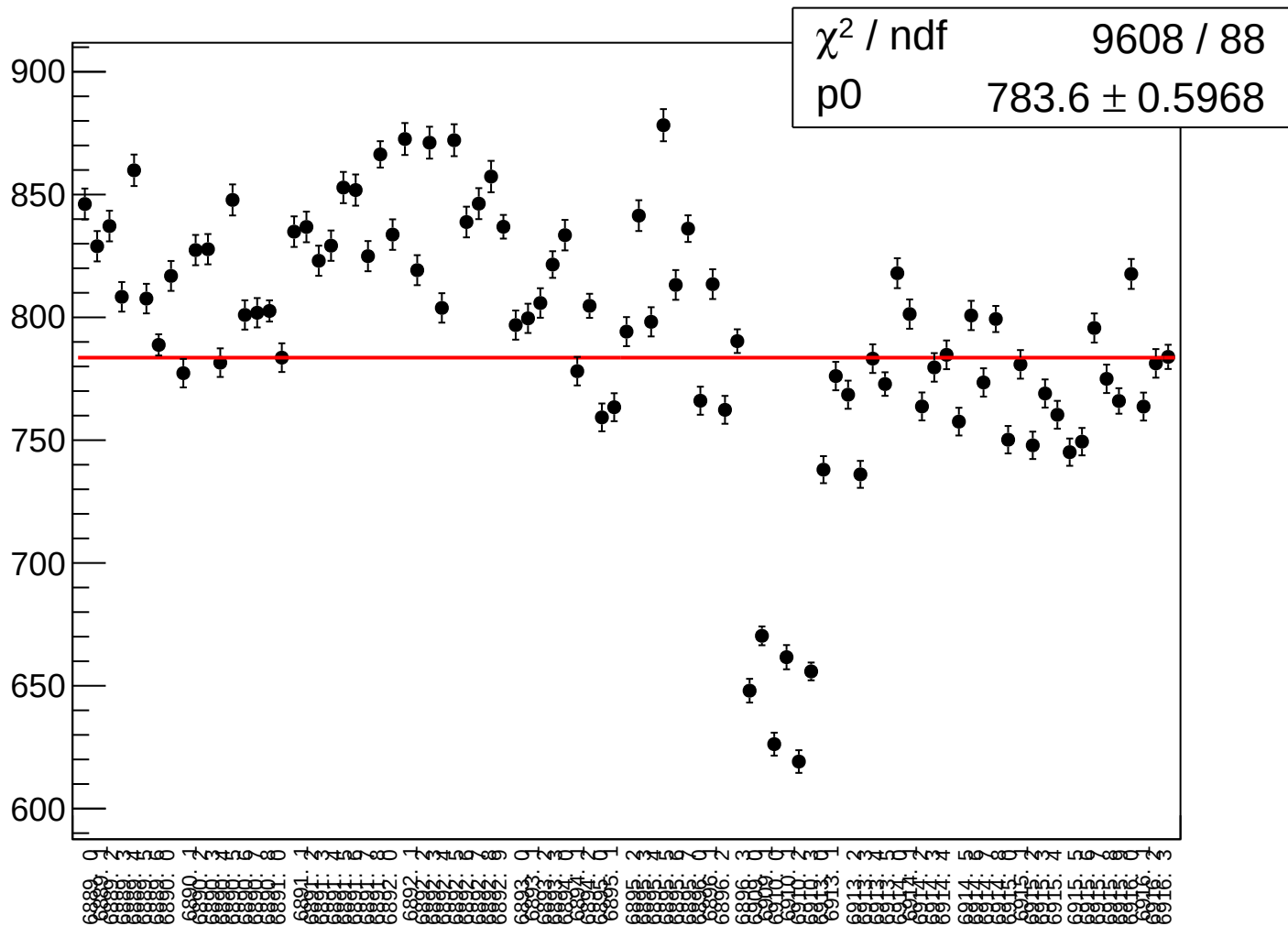
eigen_cor_asym_sam_1548_avg_rms vs run



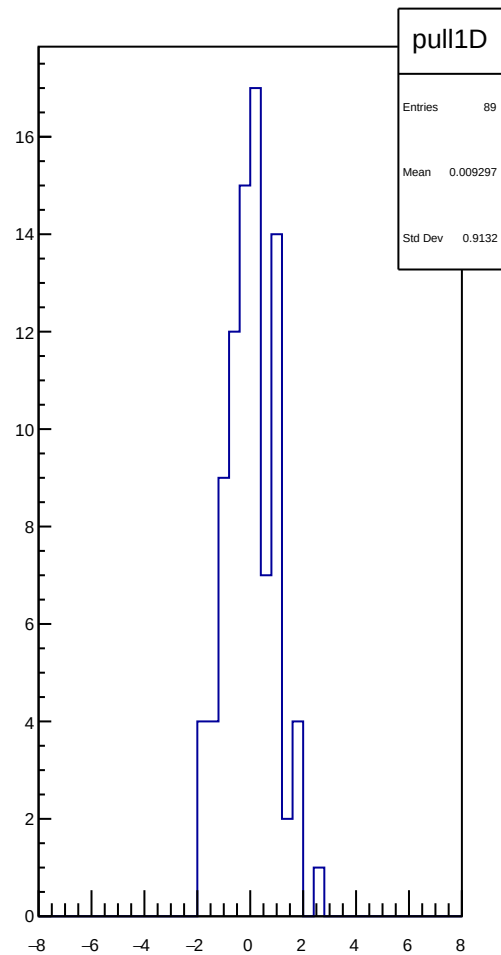
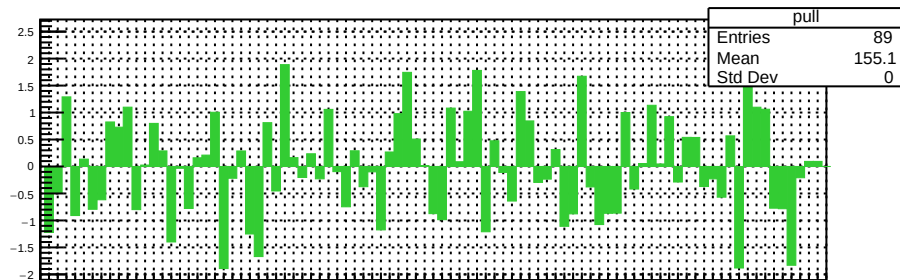
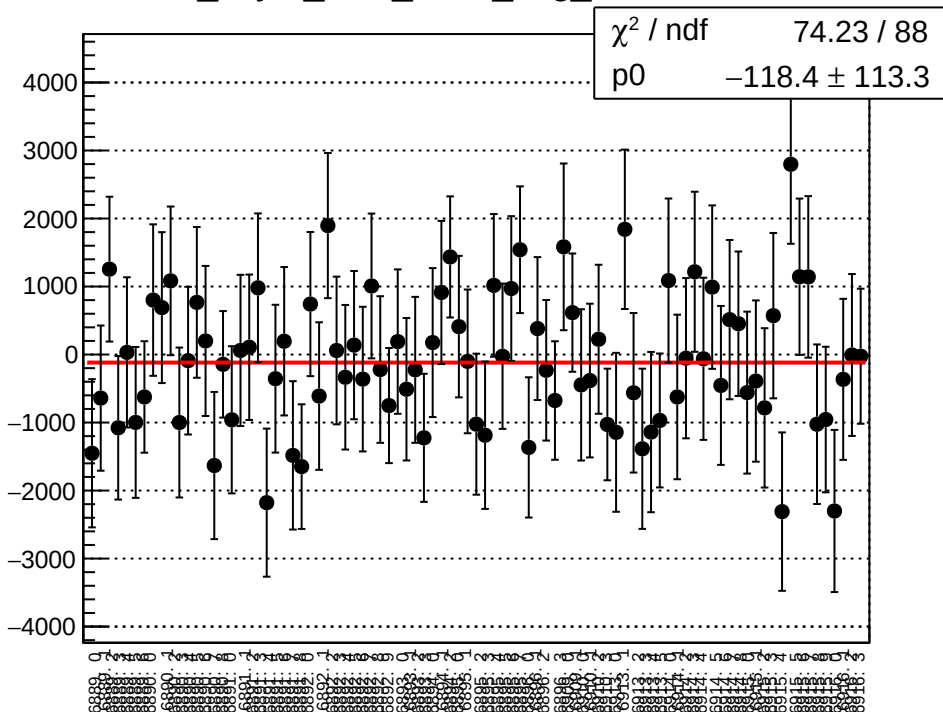
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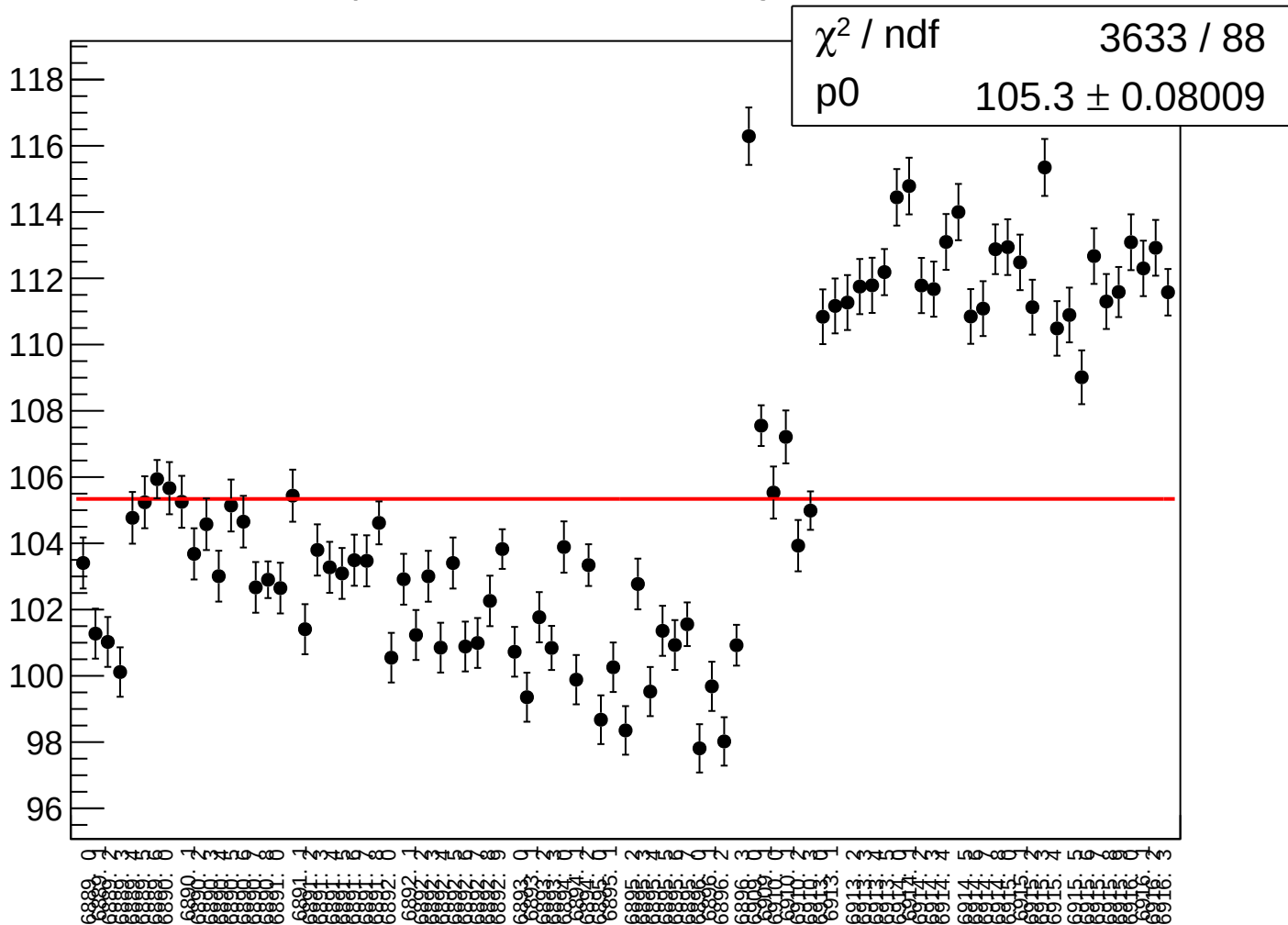
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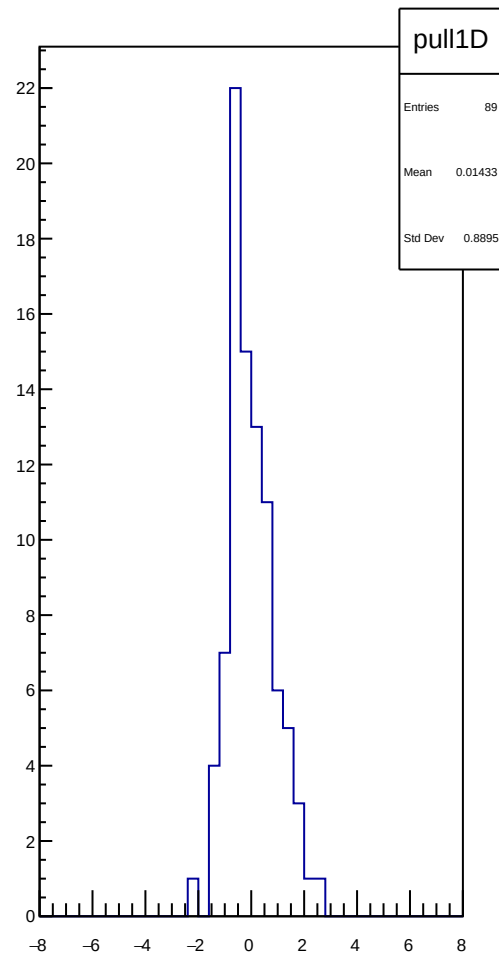
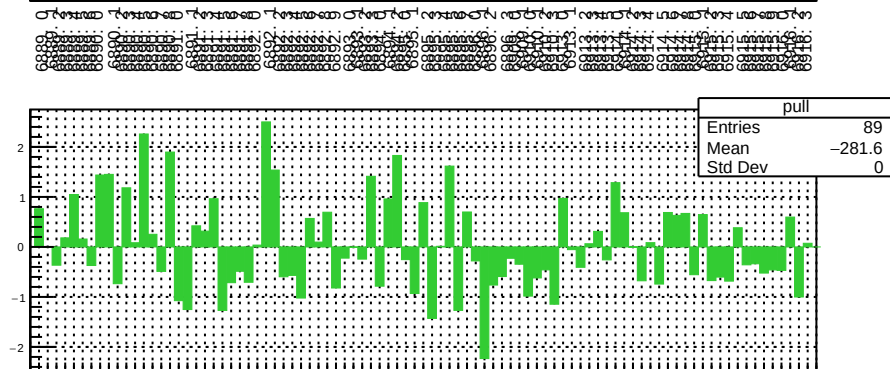
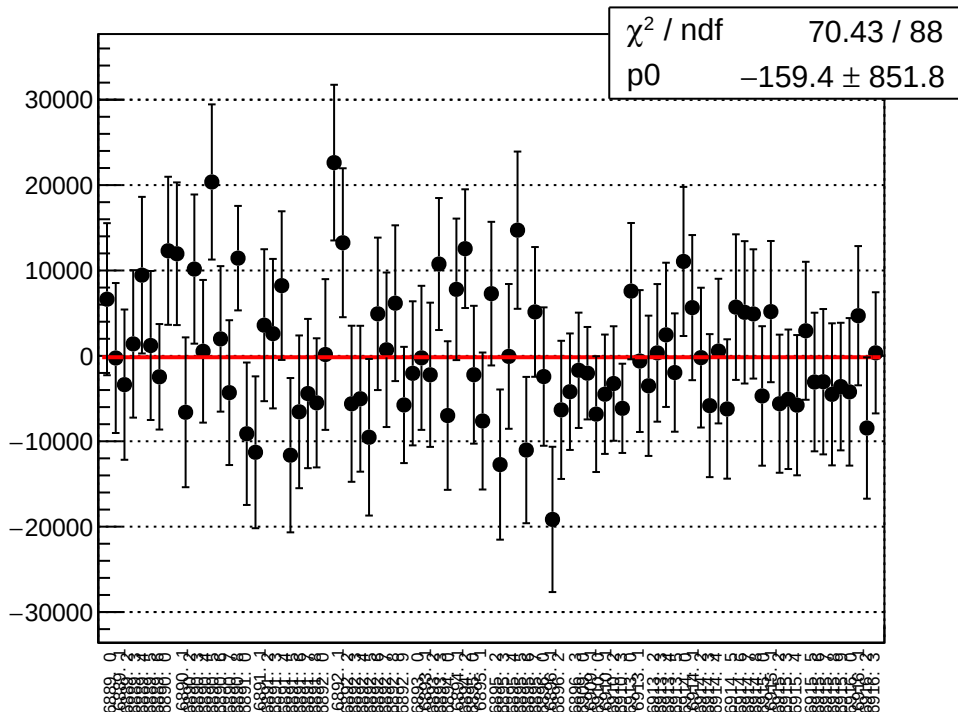
dit_asym_sam_1548_avg_mean vs run



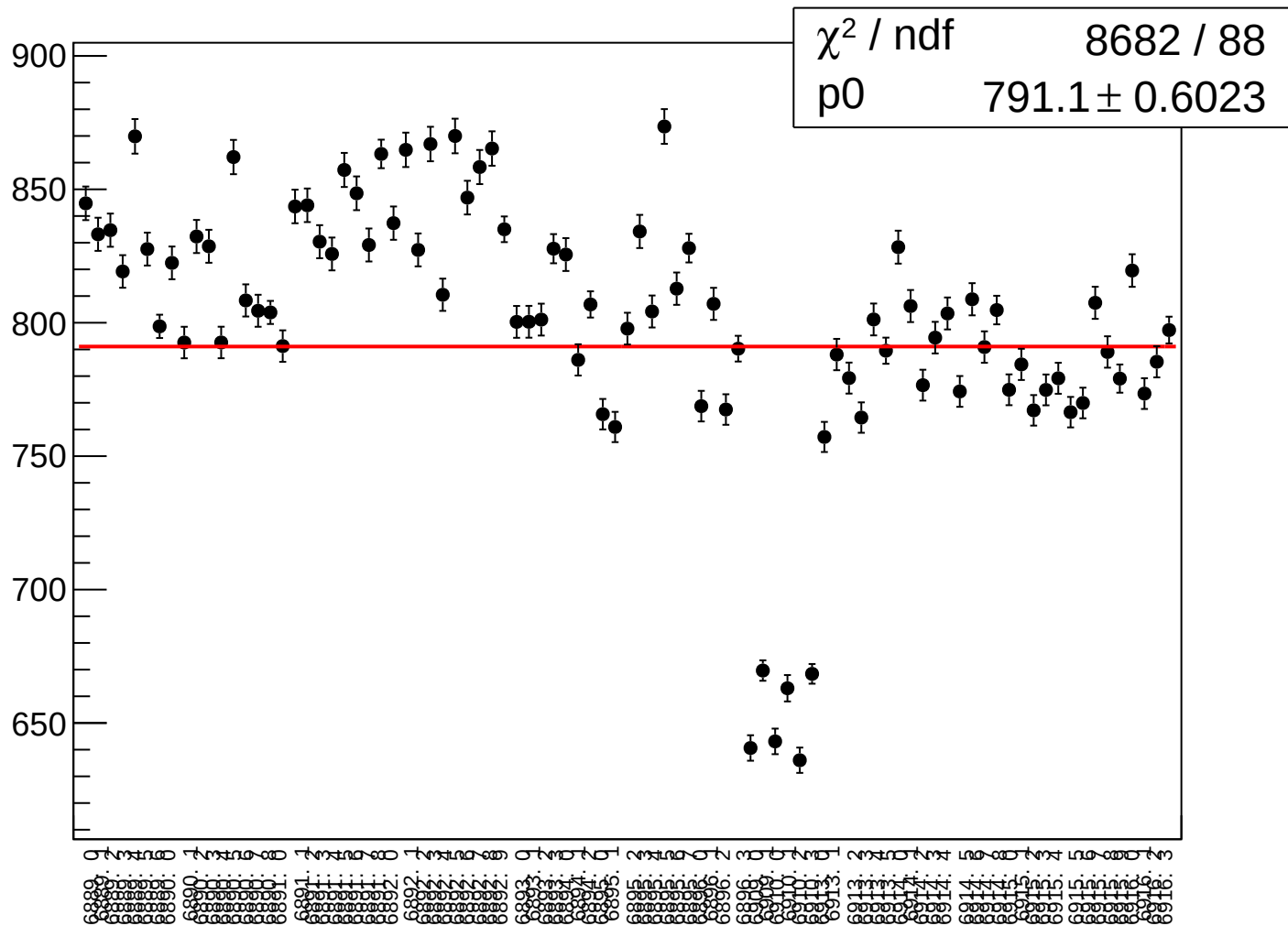
dit_asym_sam_1548_avg_rms vs run



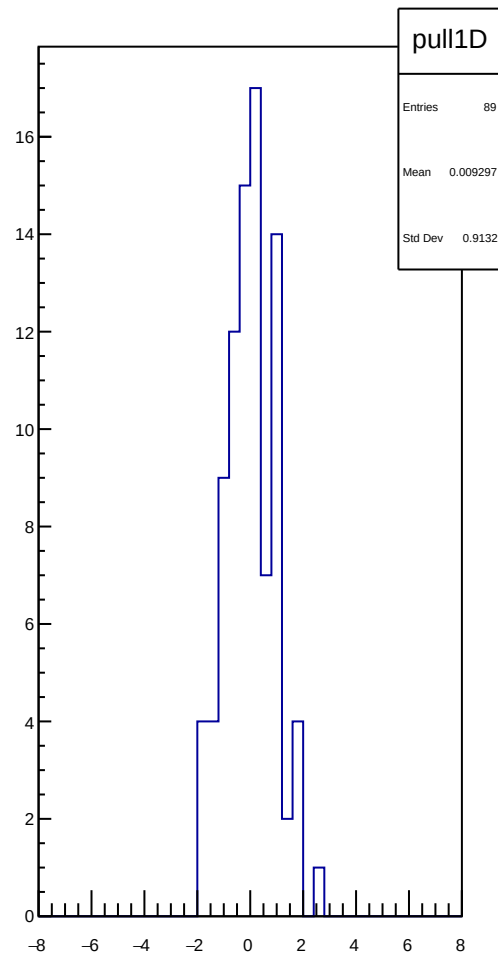
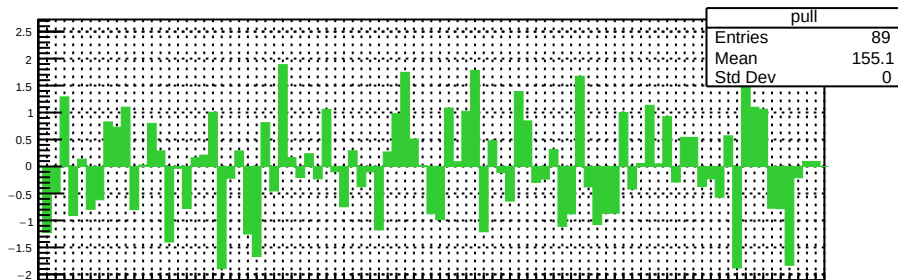
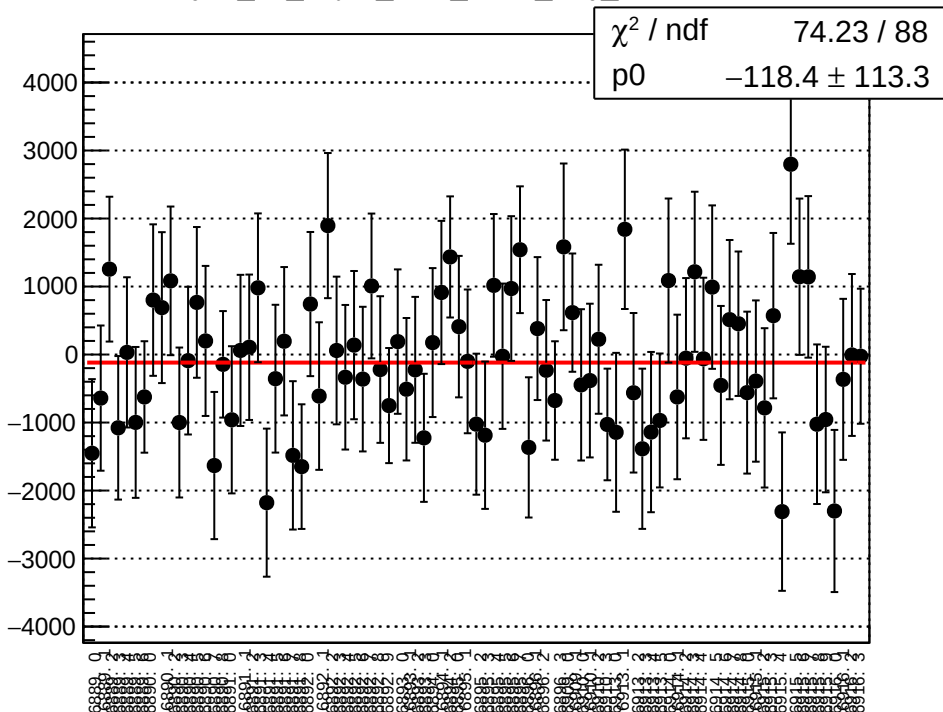
asym_sam_1548_avg_dit_correction_mean vs run



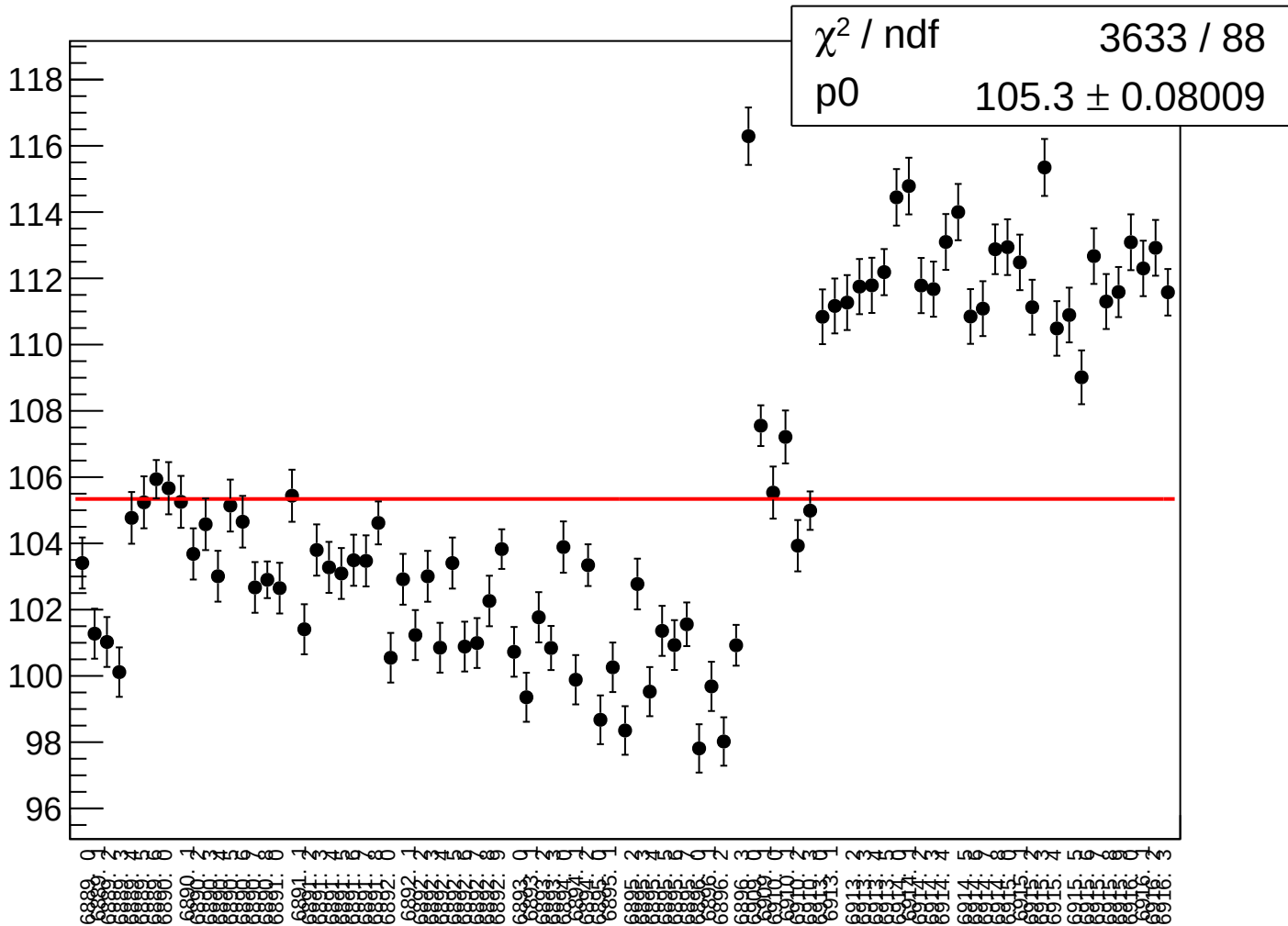
asym_sam_1548_avg_dit_correction_rms vs run



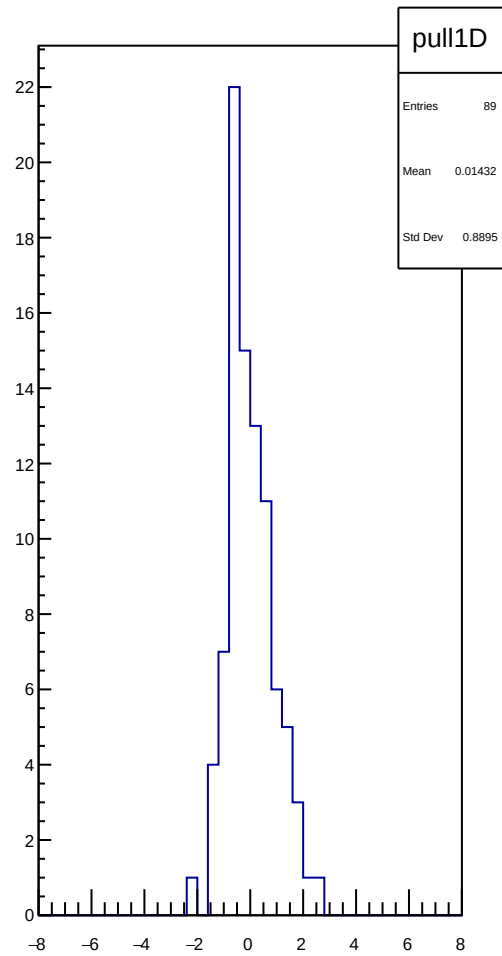
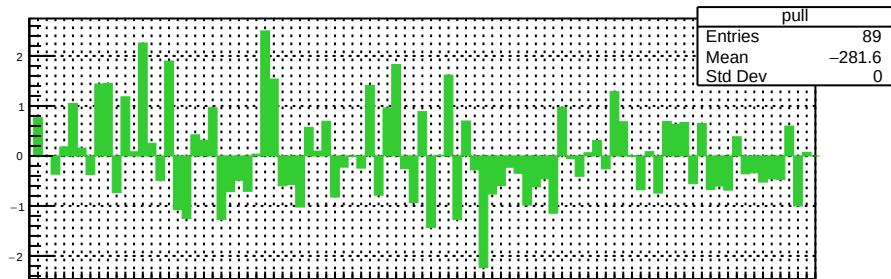
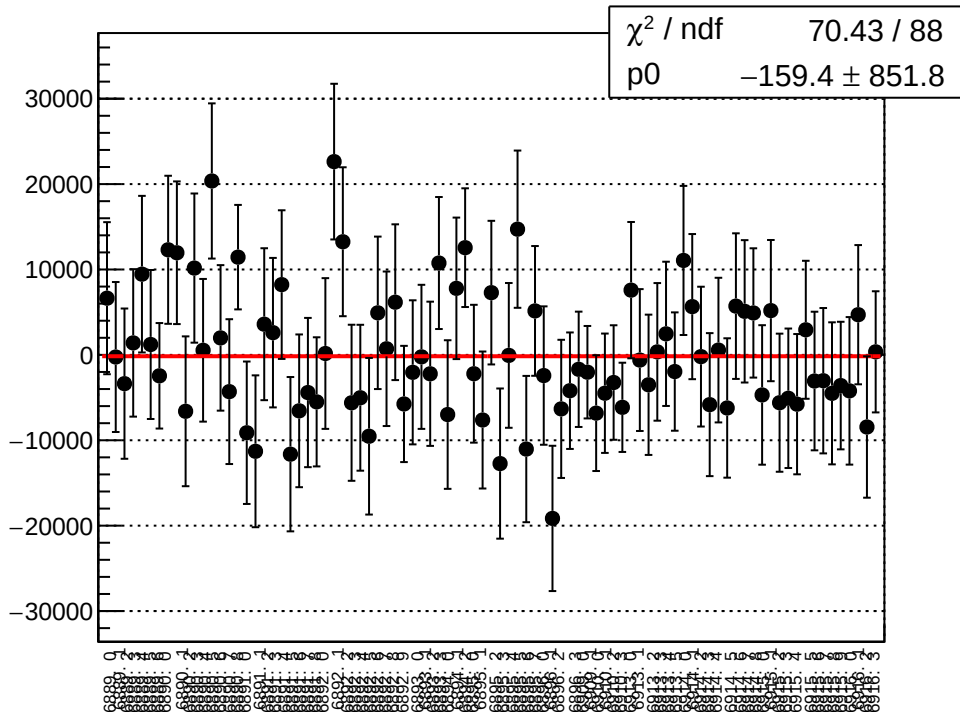
eigen_dit_asym_sam_1548_avg_mean vs run



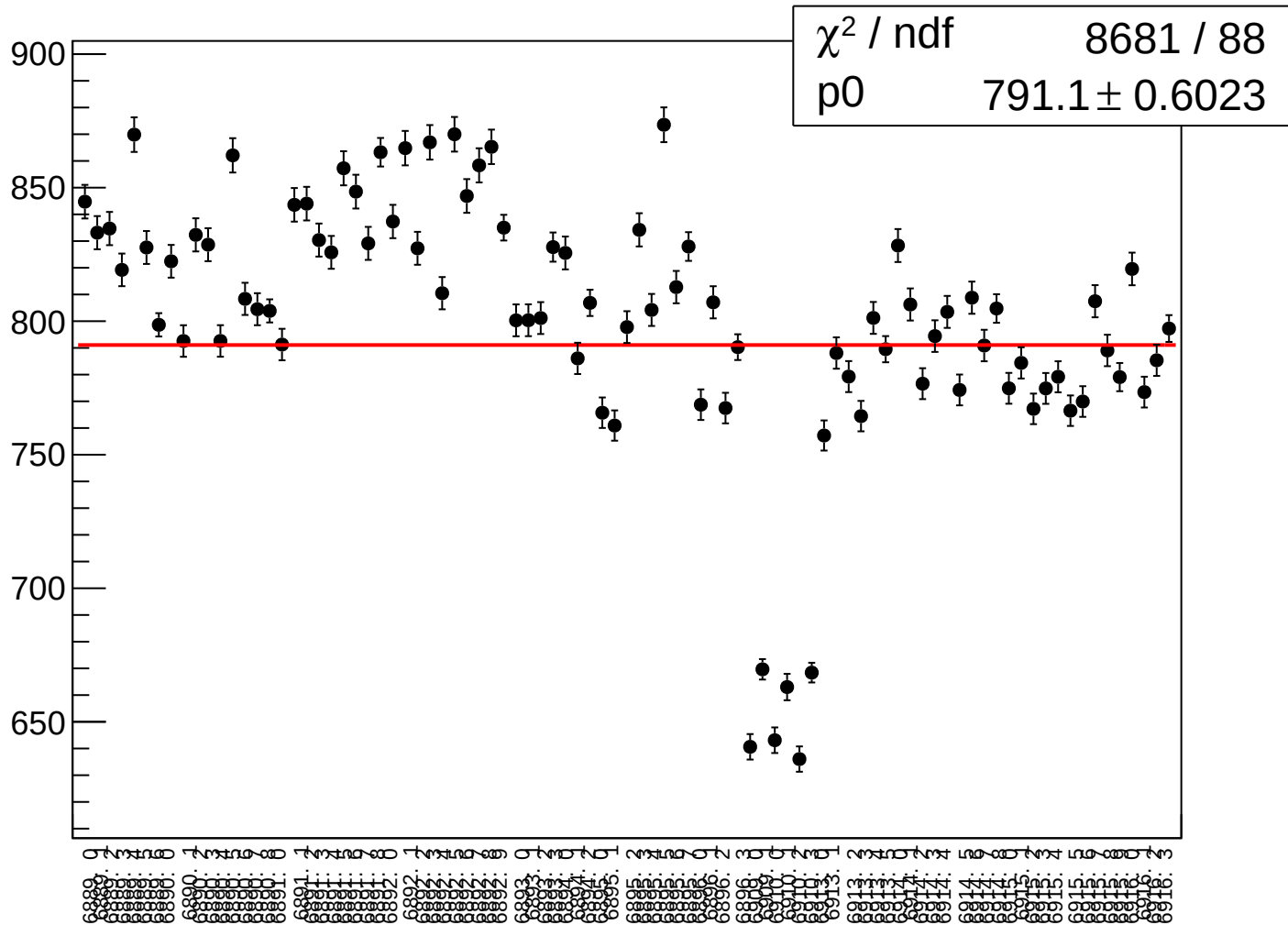
eigen_dit_asym_sam_1548_avg_rms vs run



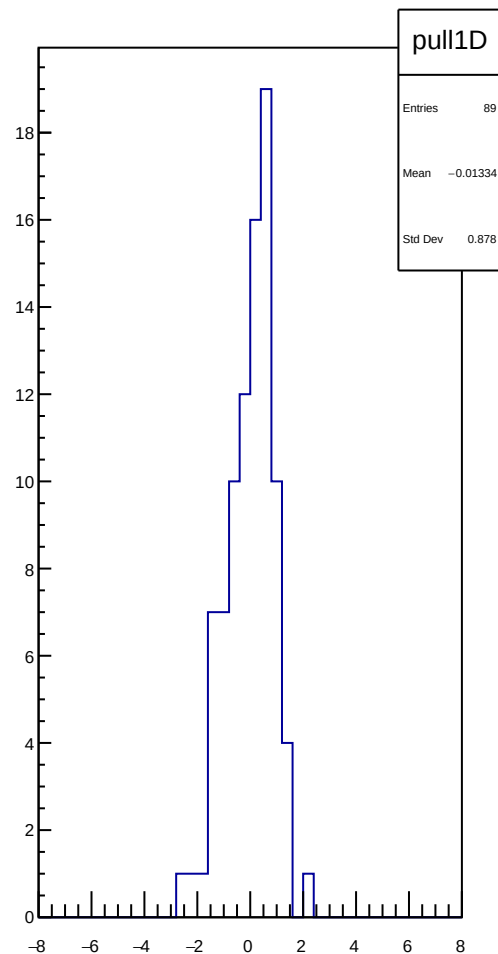
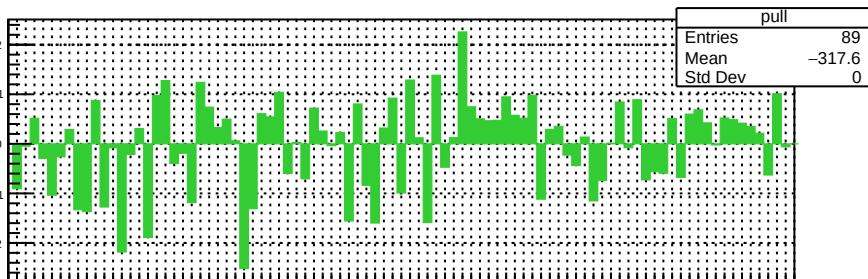
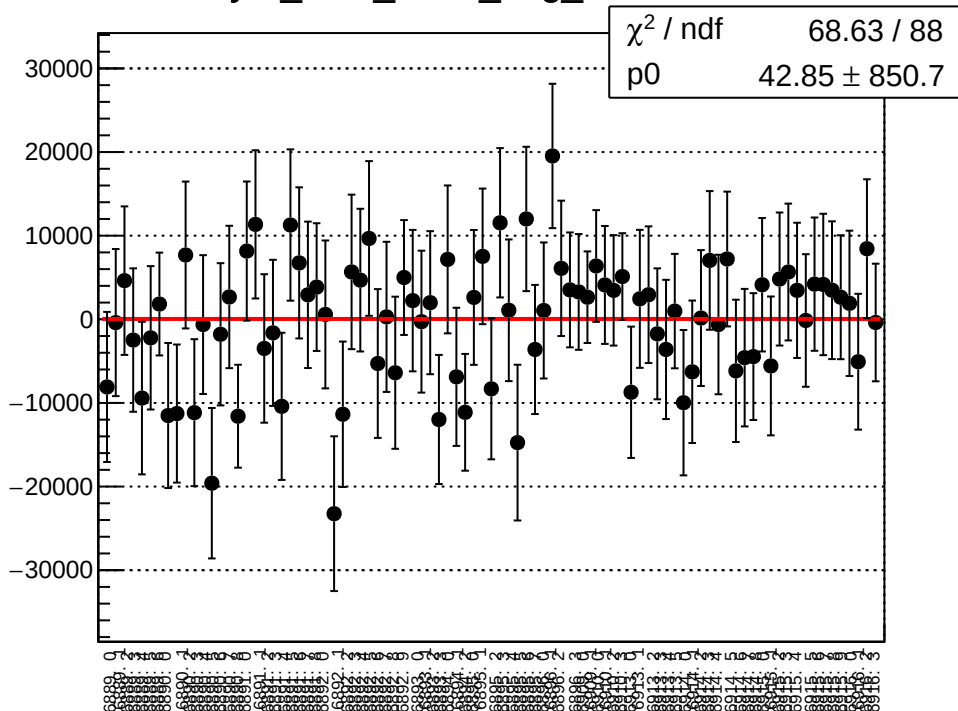
asym_sam_1548_avg_eigen_dit_correction_mean vs run



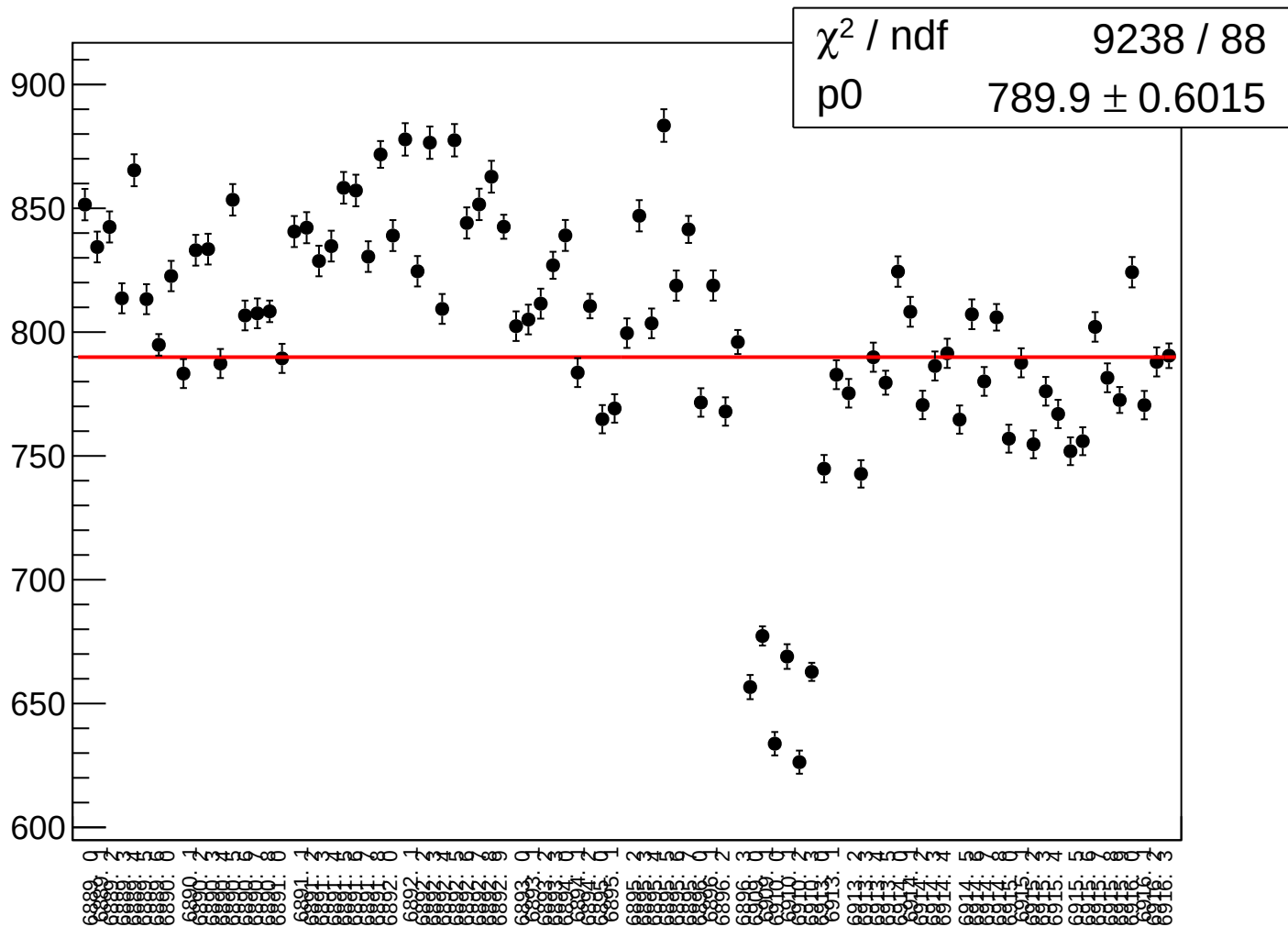
asym_sam_1548_avg_eigen_dit_correction_rms vs run



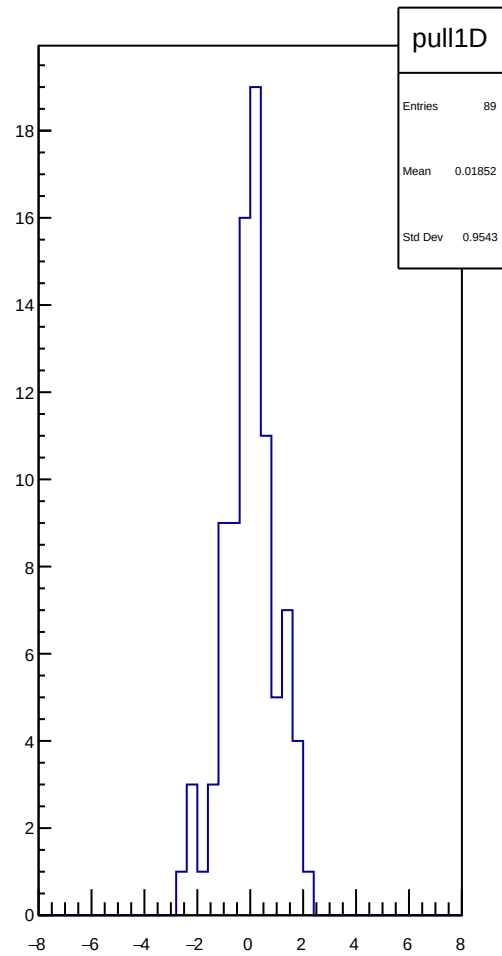
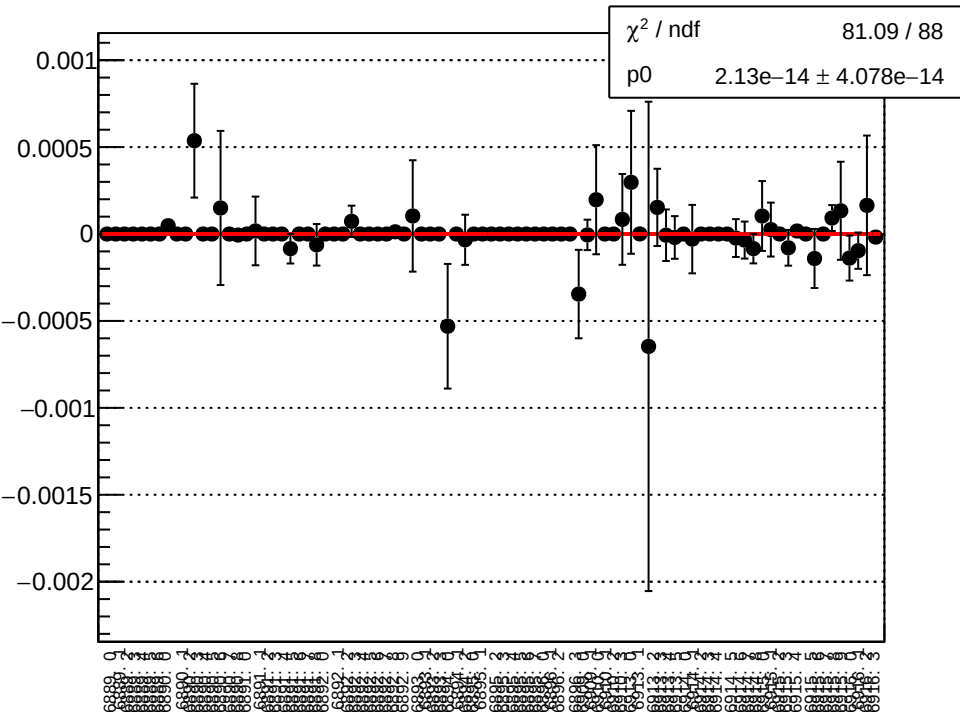
asym_sam_1548_avg_mean vs run



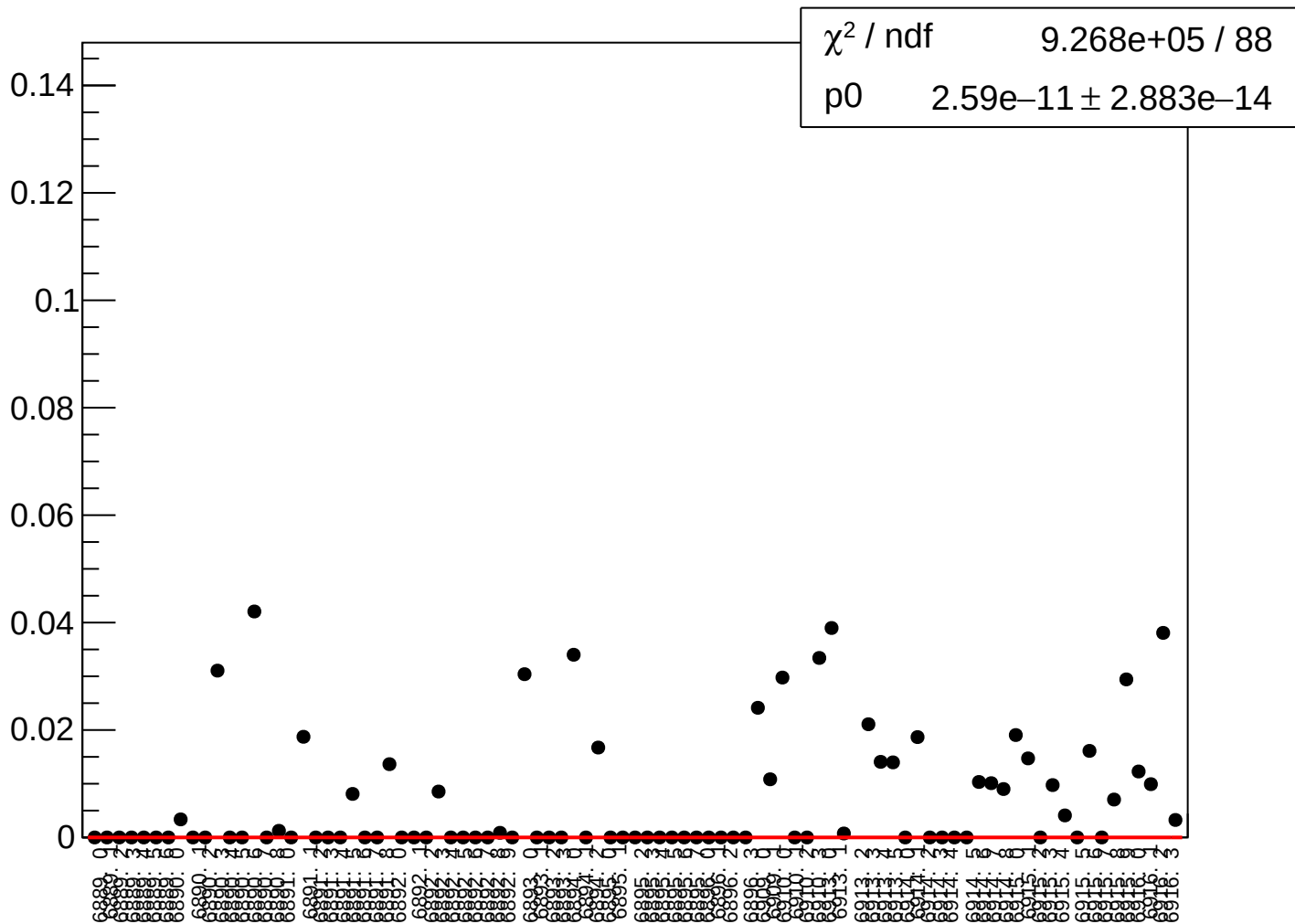
asym_sam_1548_avg_rms vs run



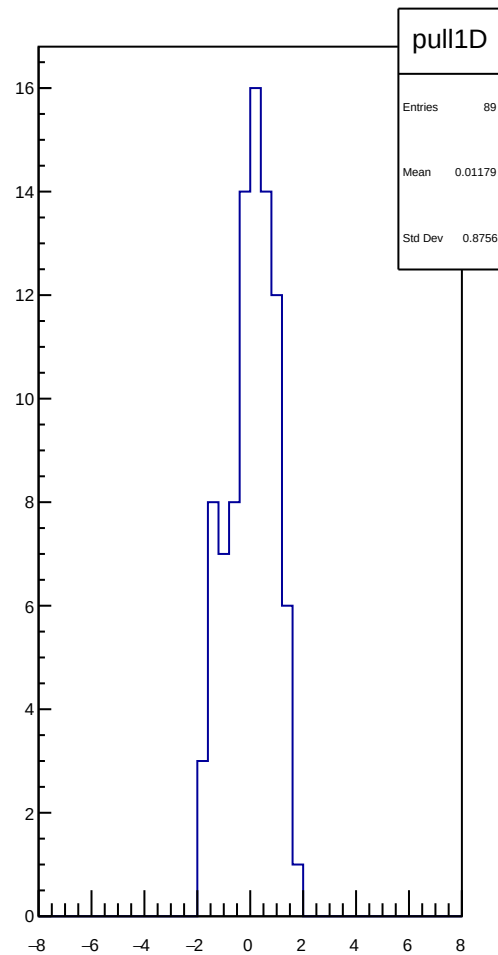
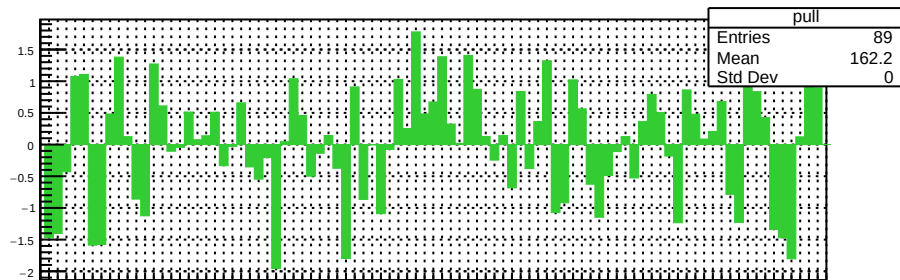
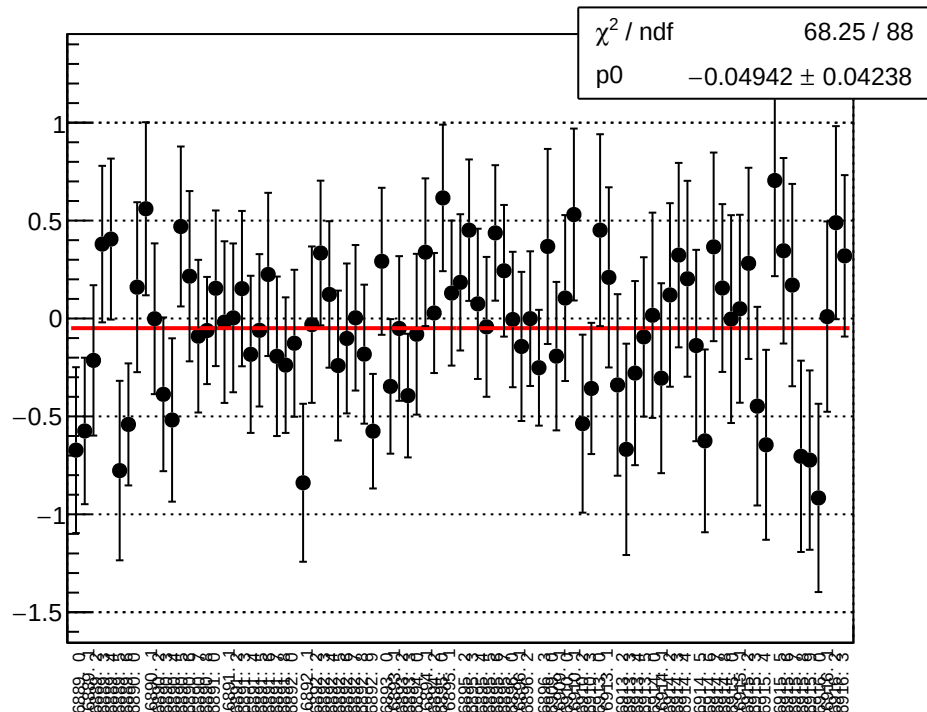
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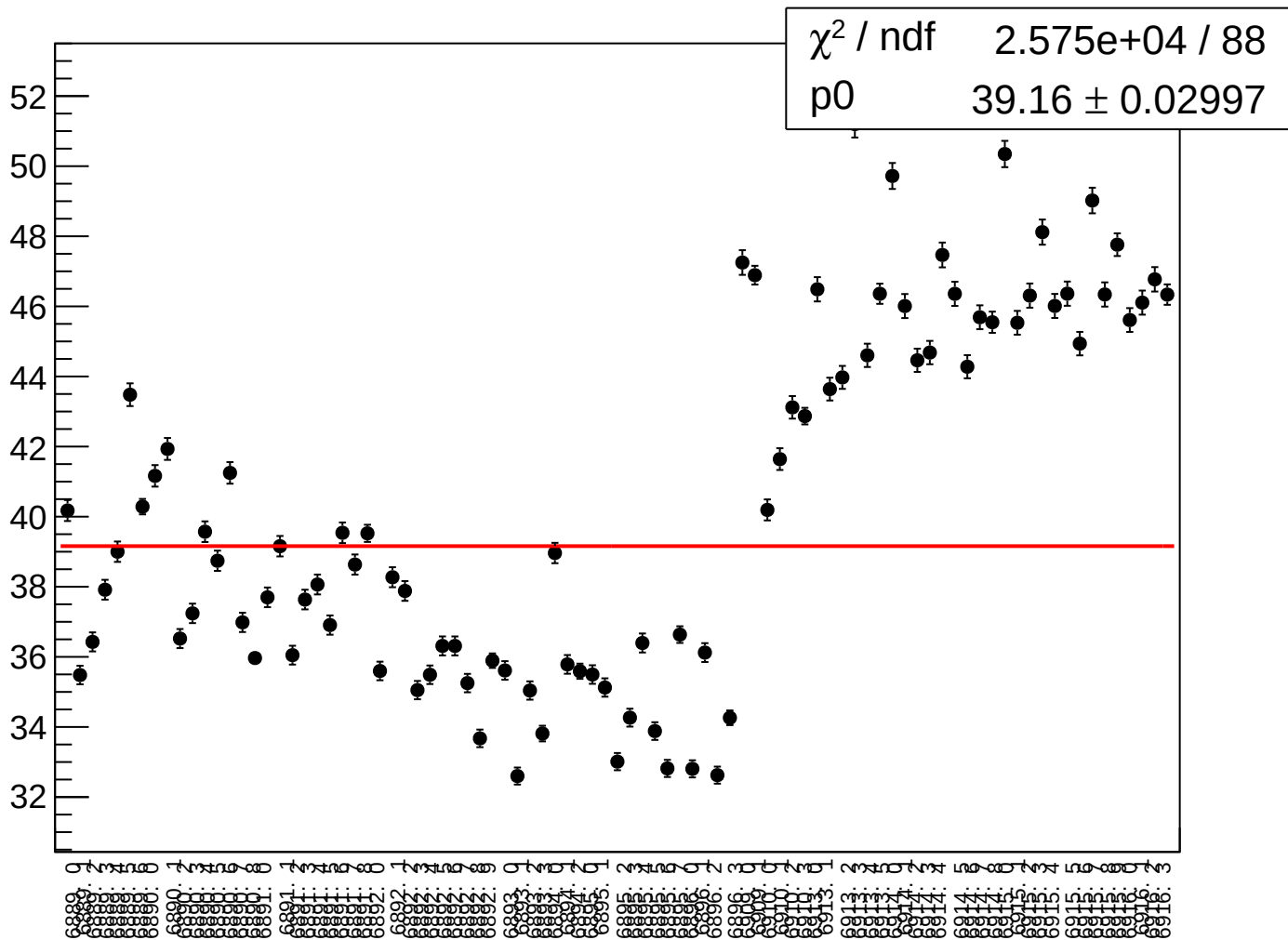
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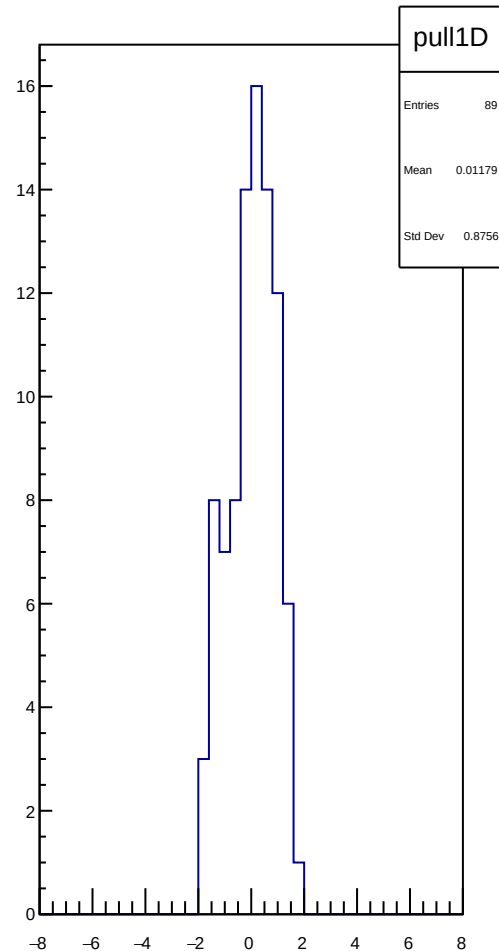
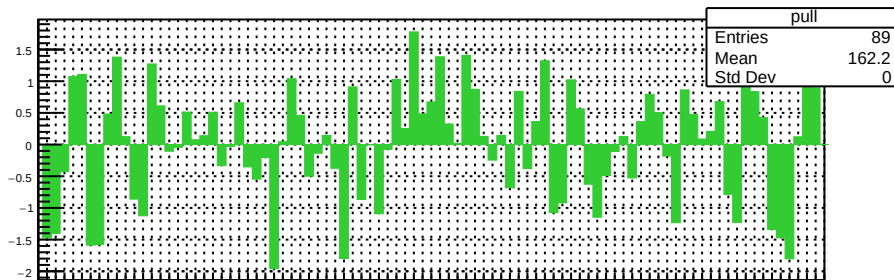
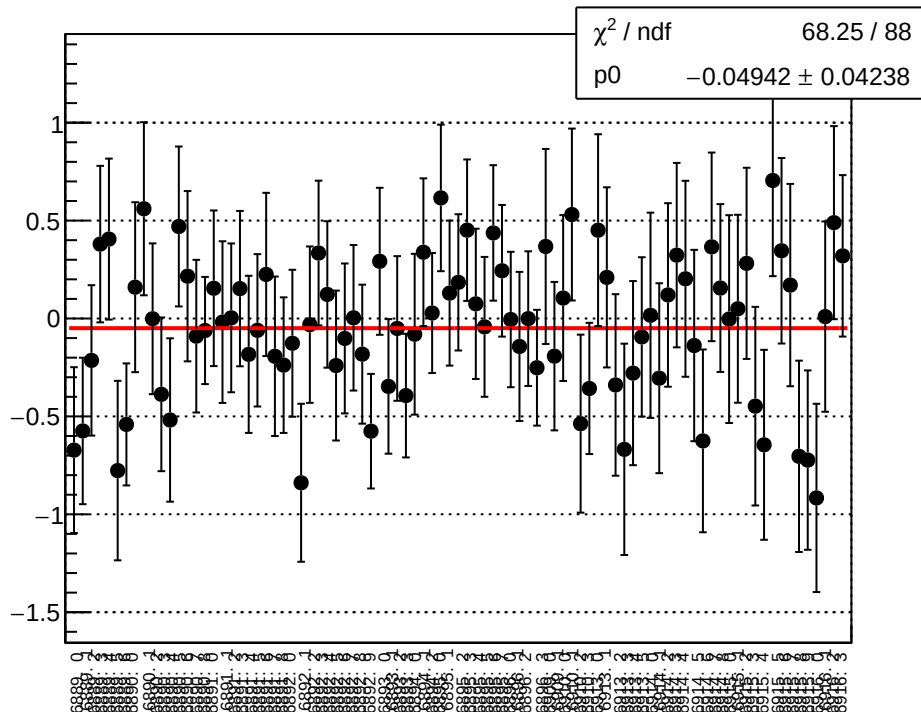
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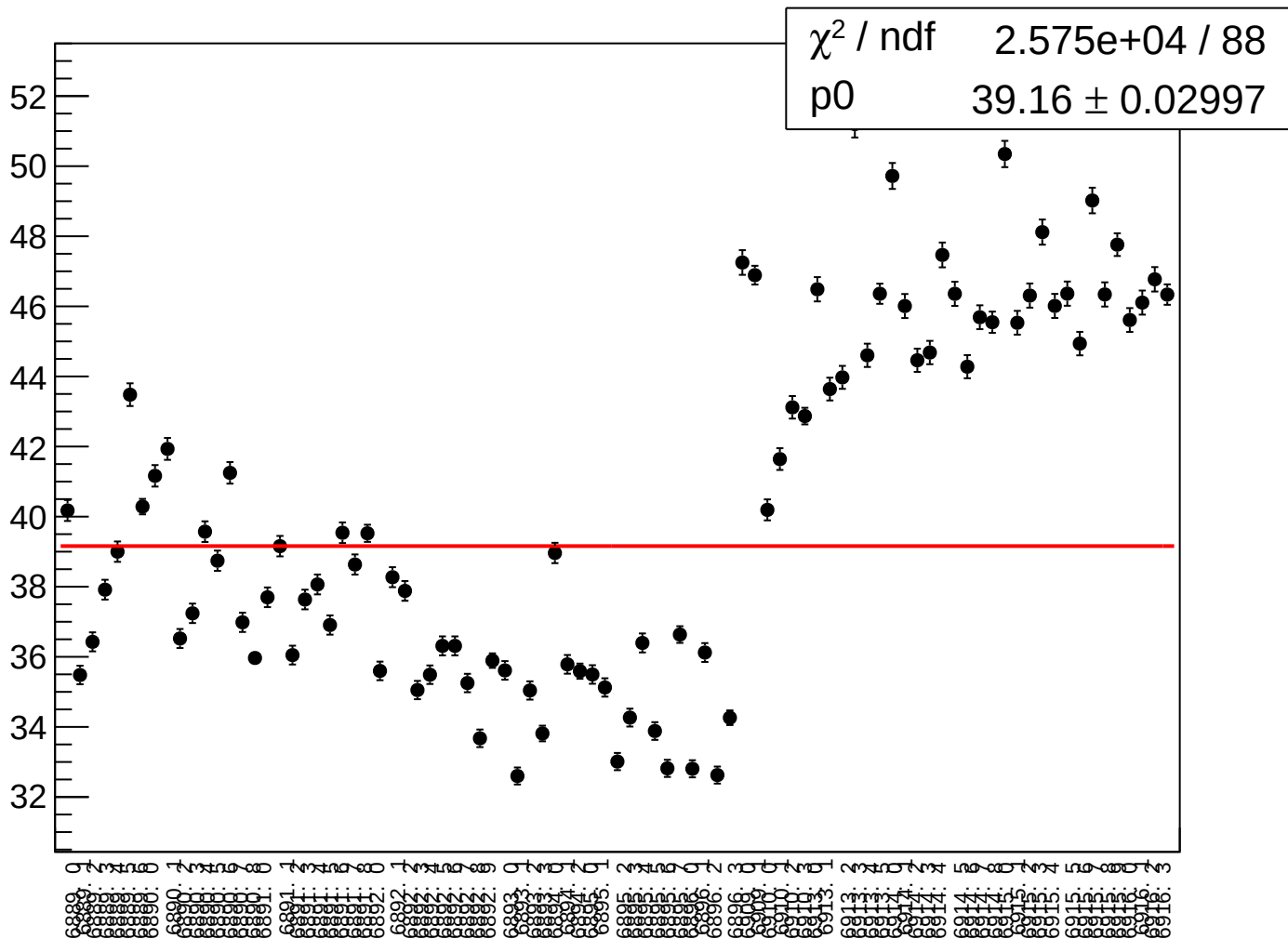
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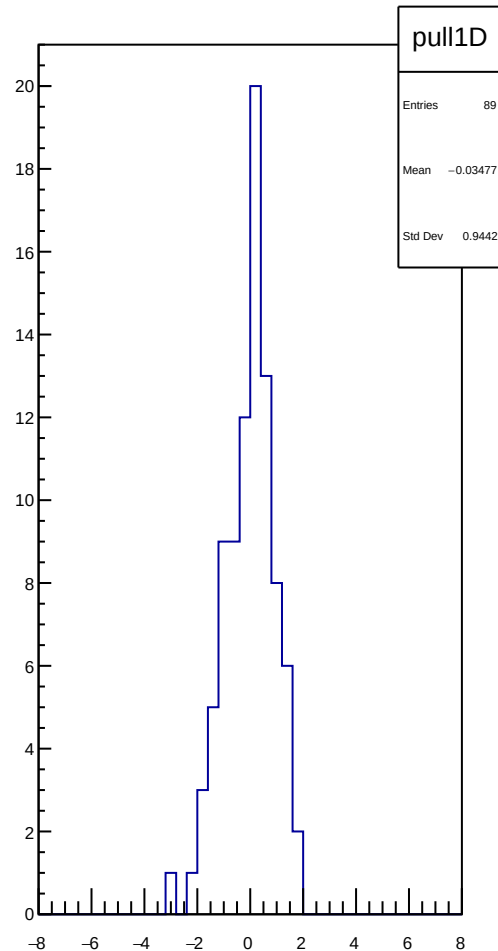
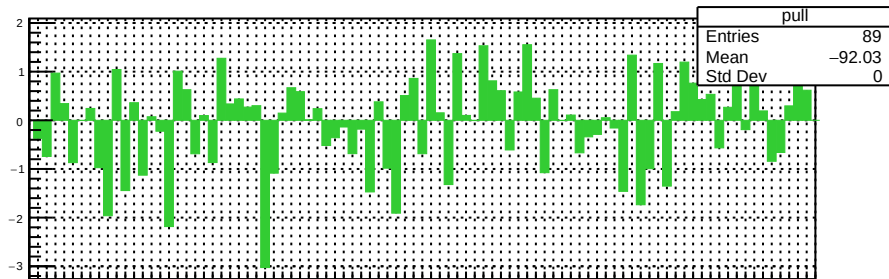
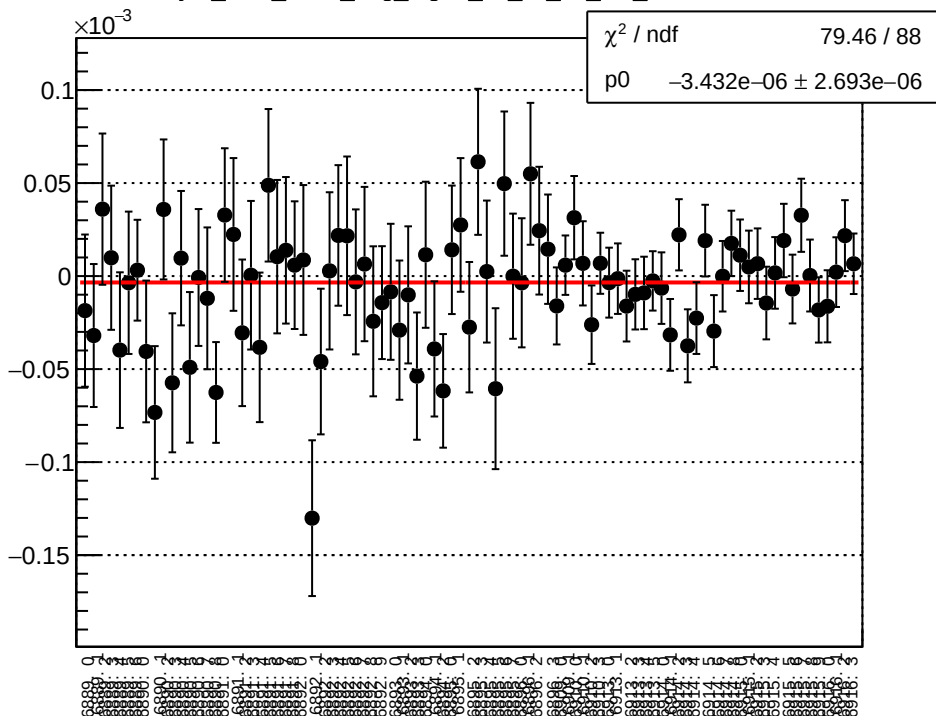
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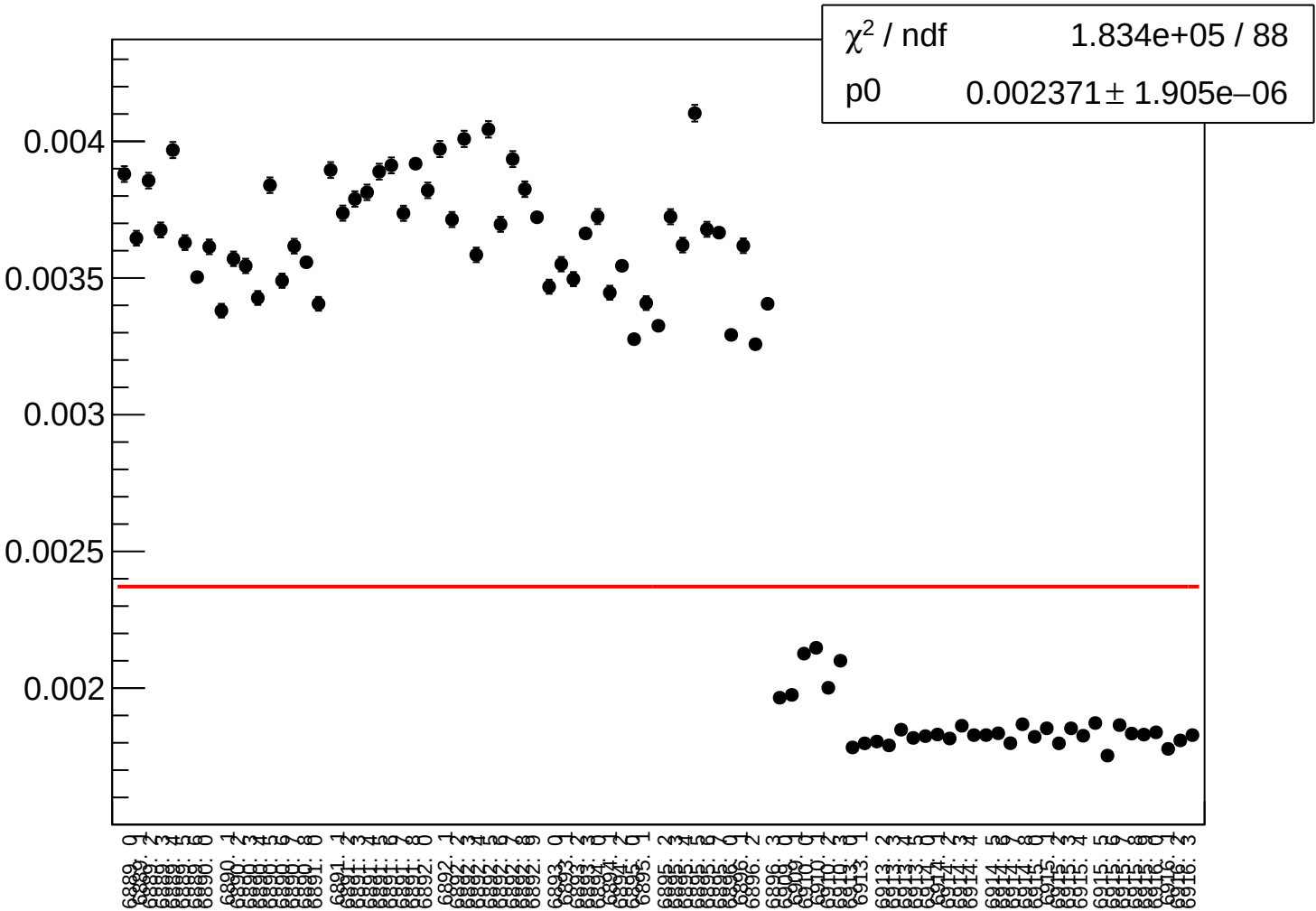
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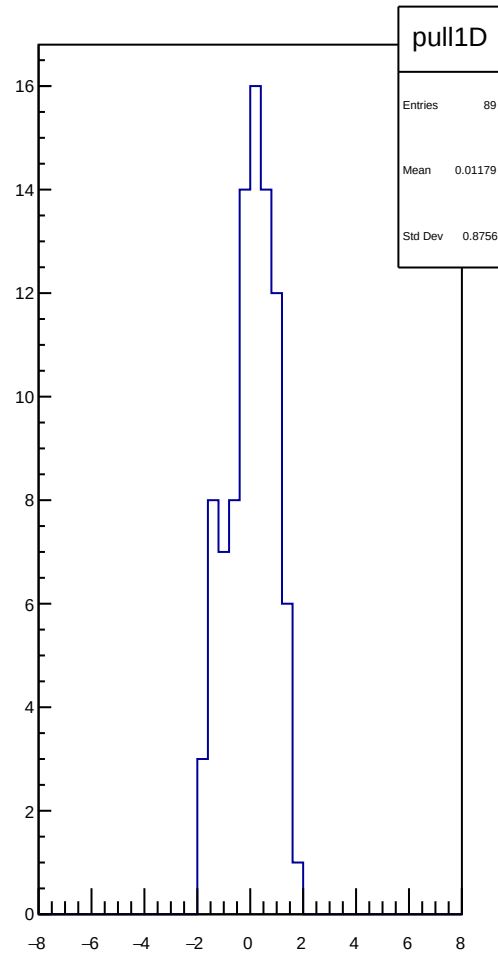
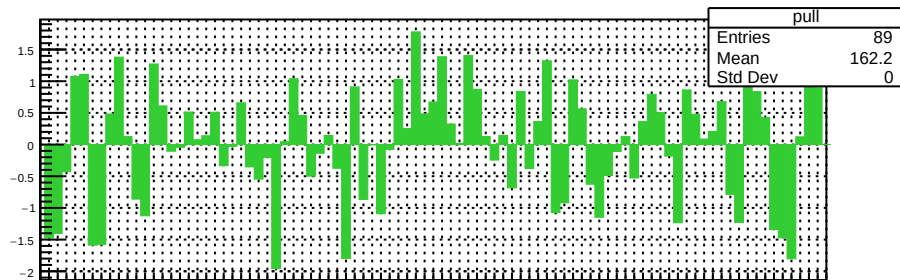
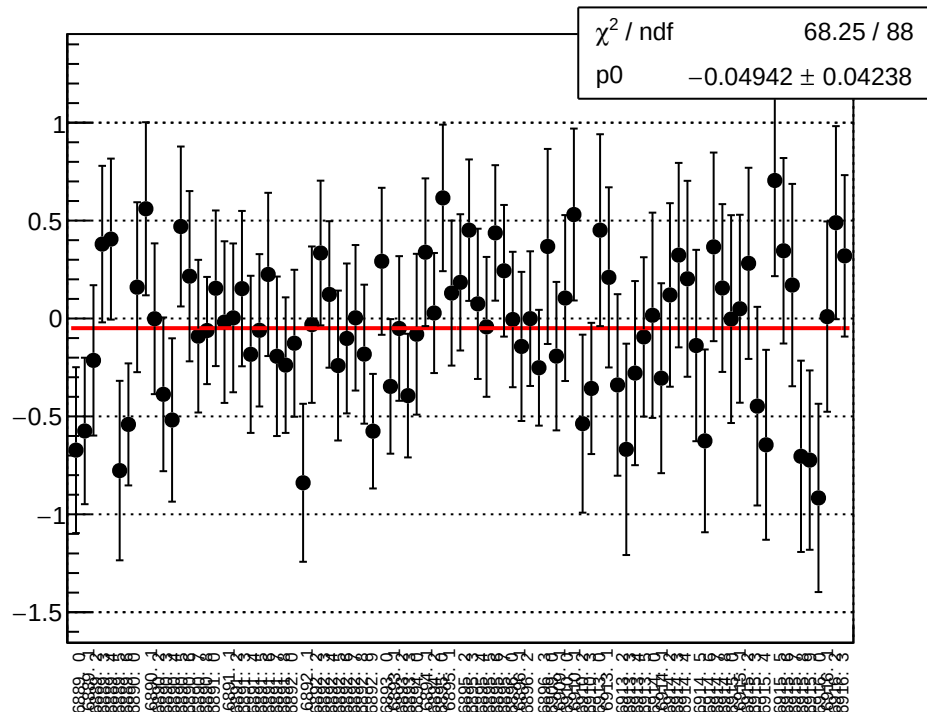
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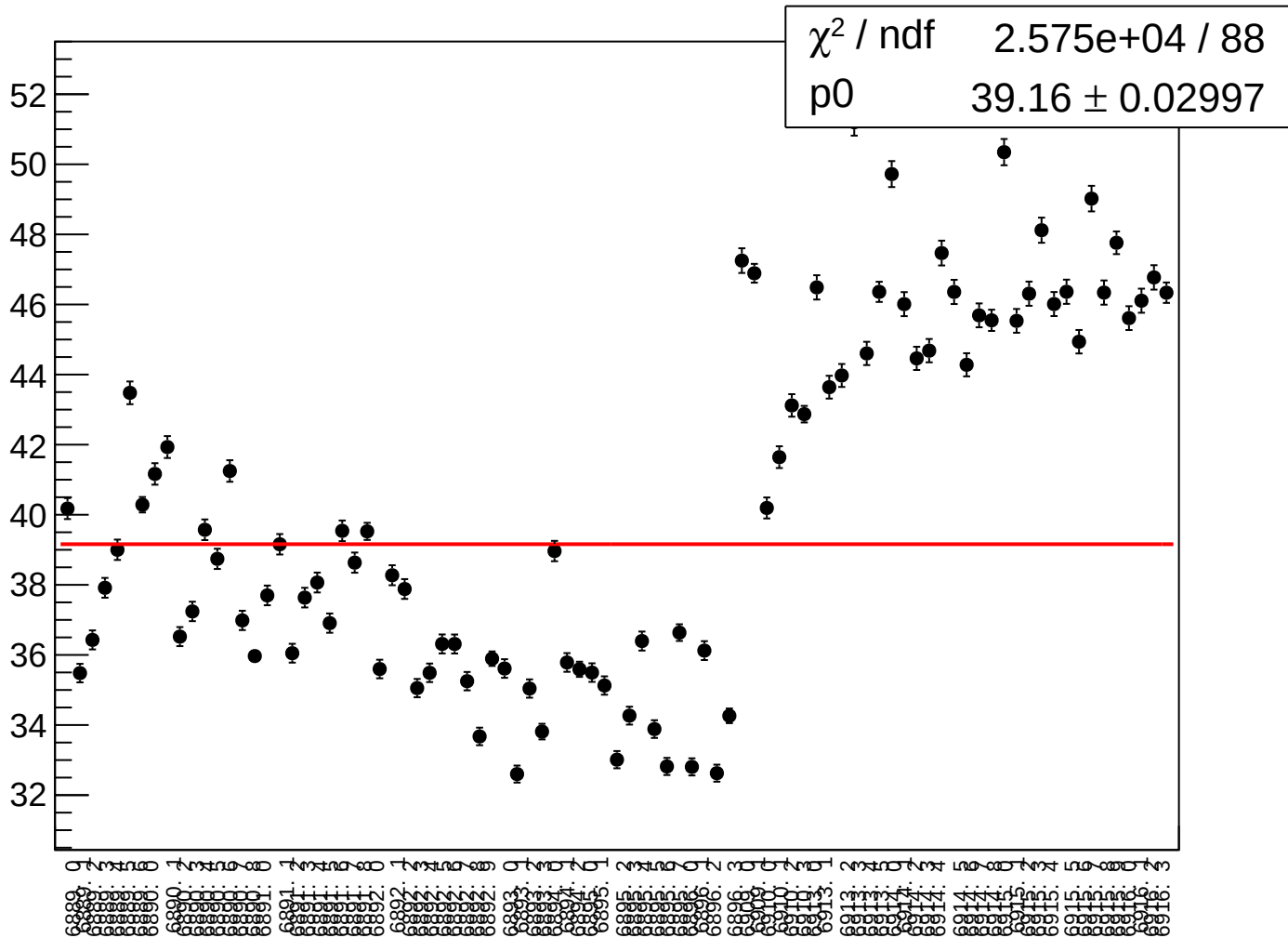
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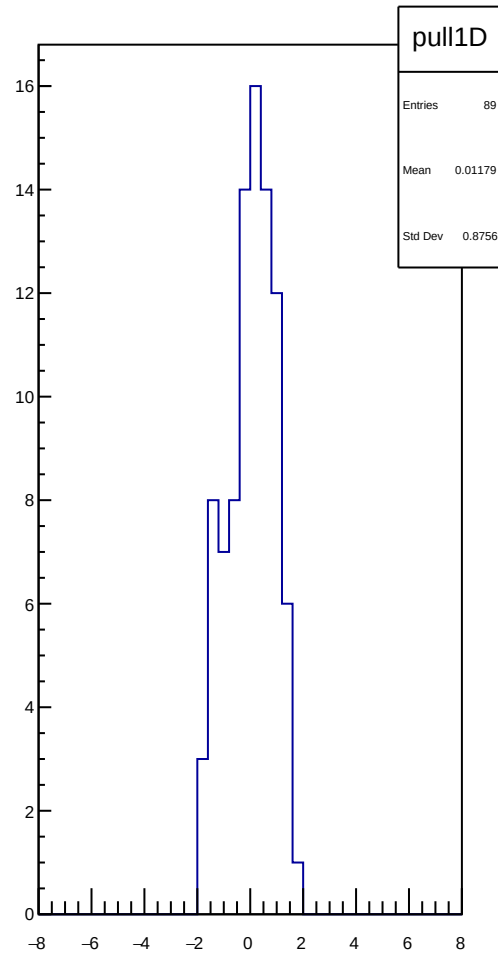
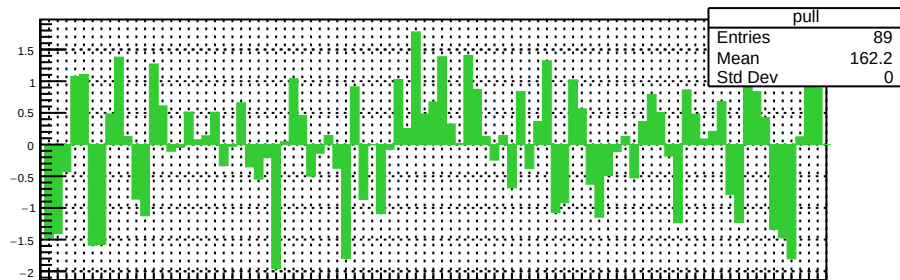
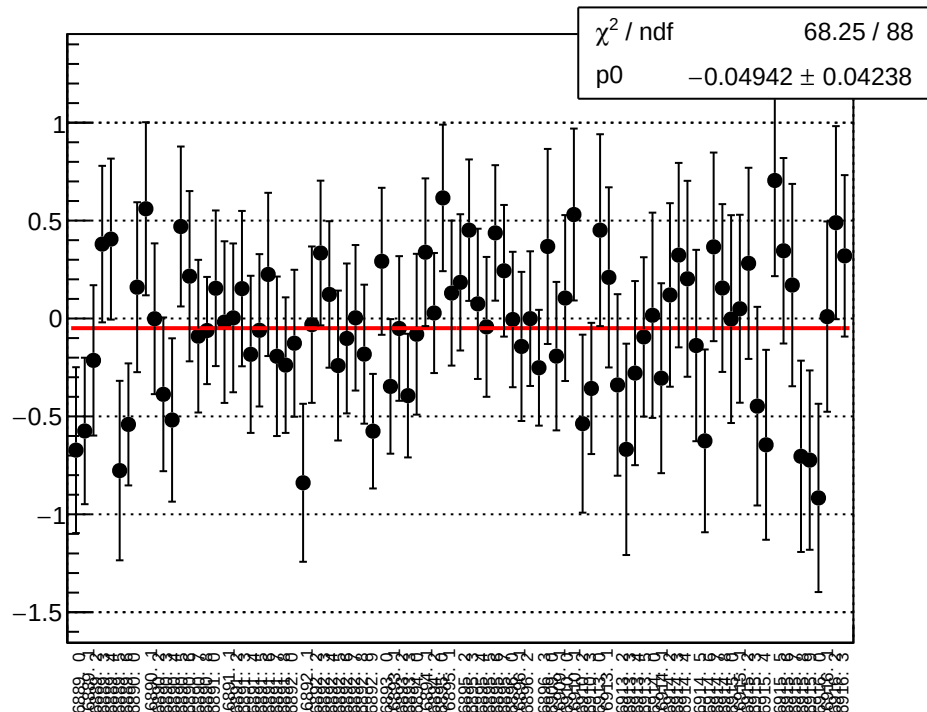
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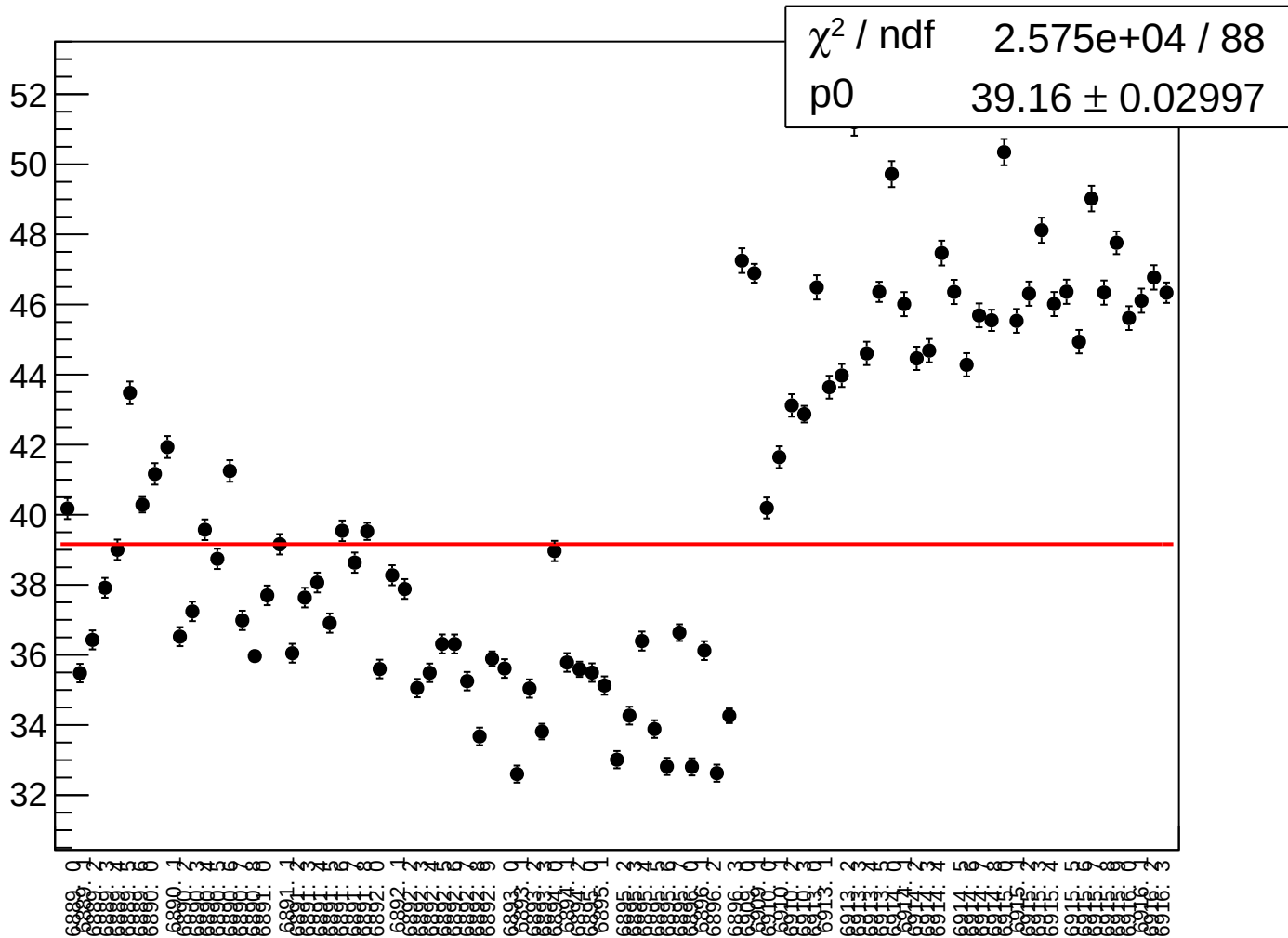
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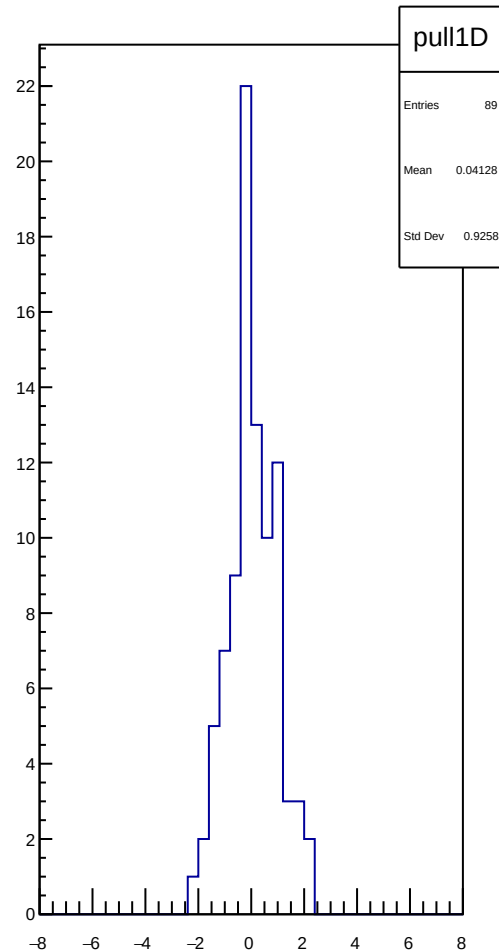
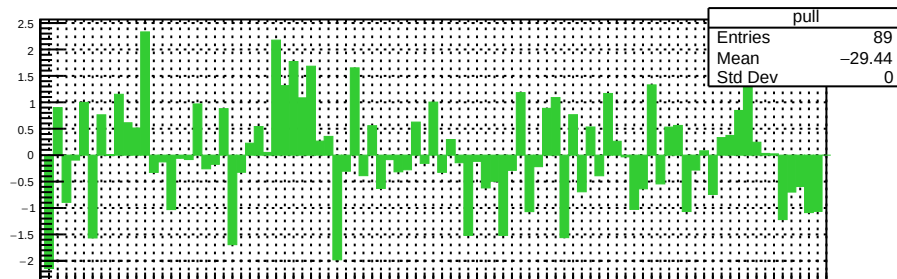
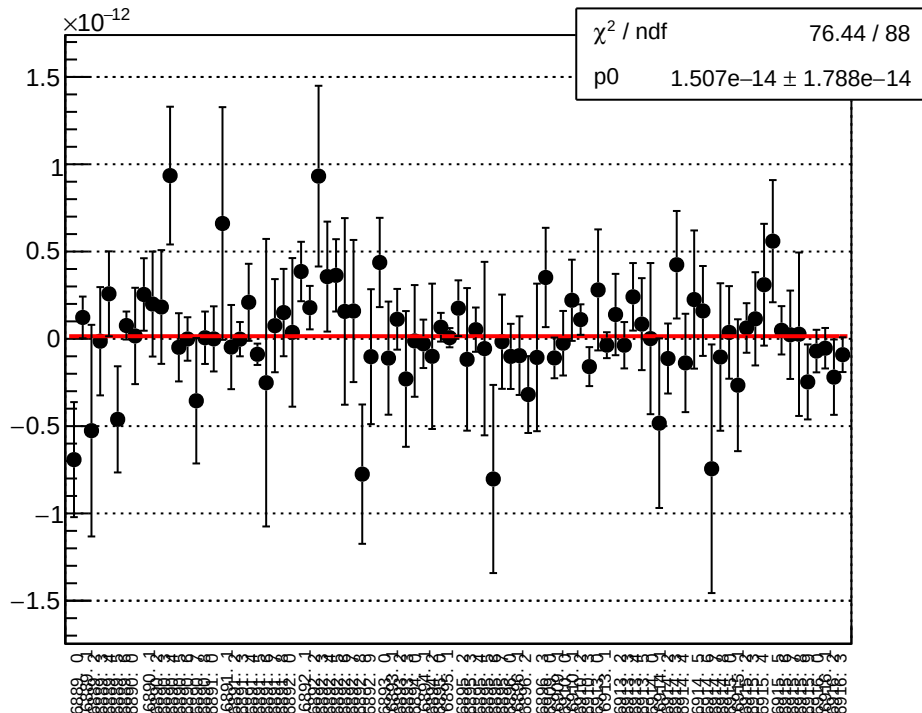
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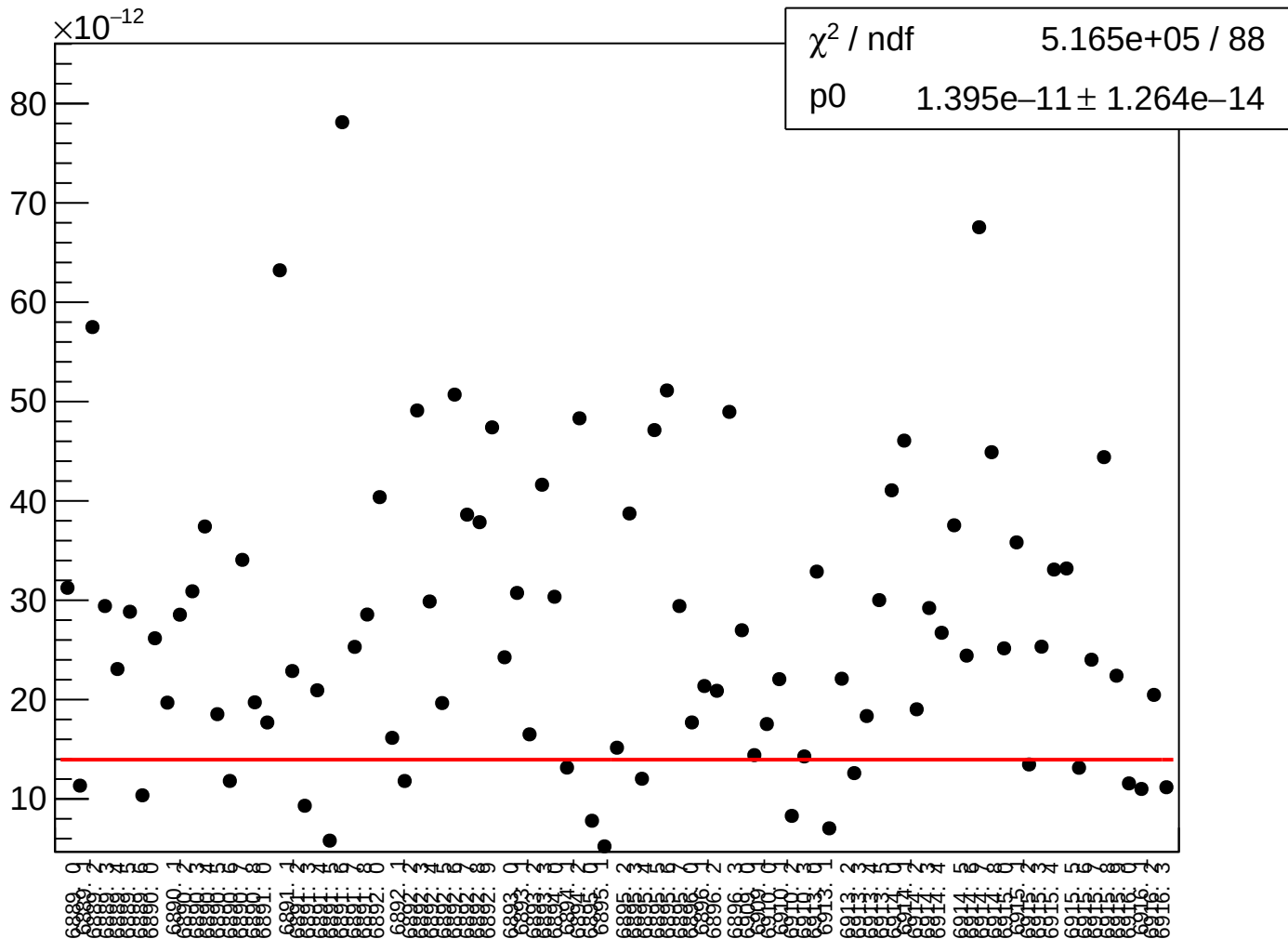
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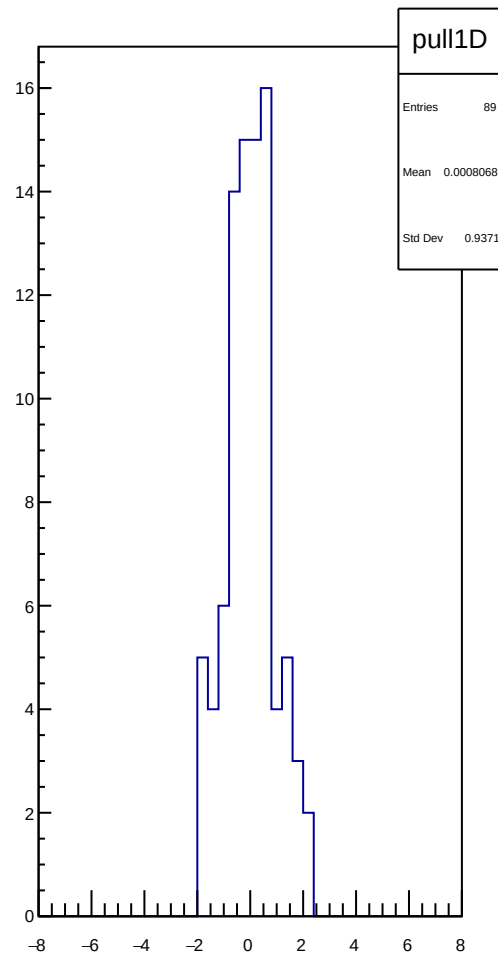
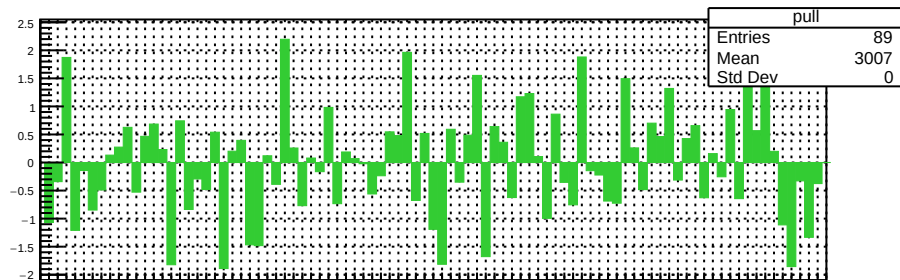
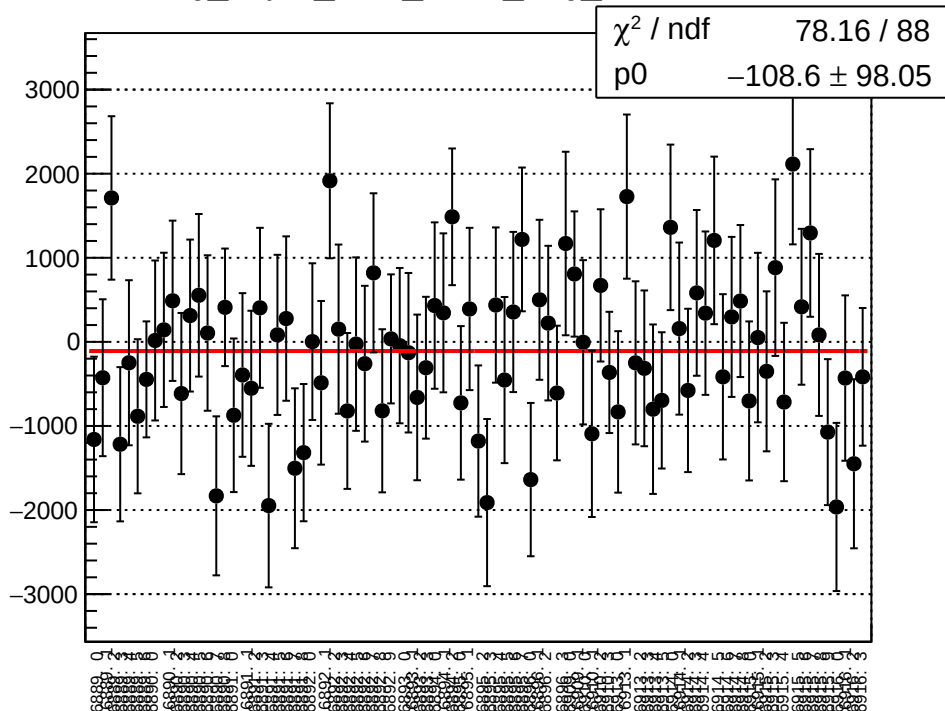
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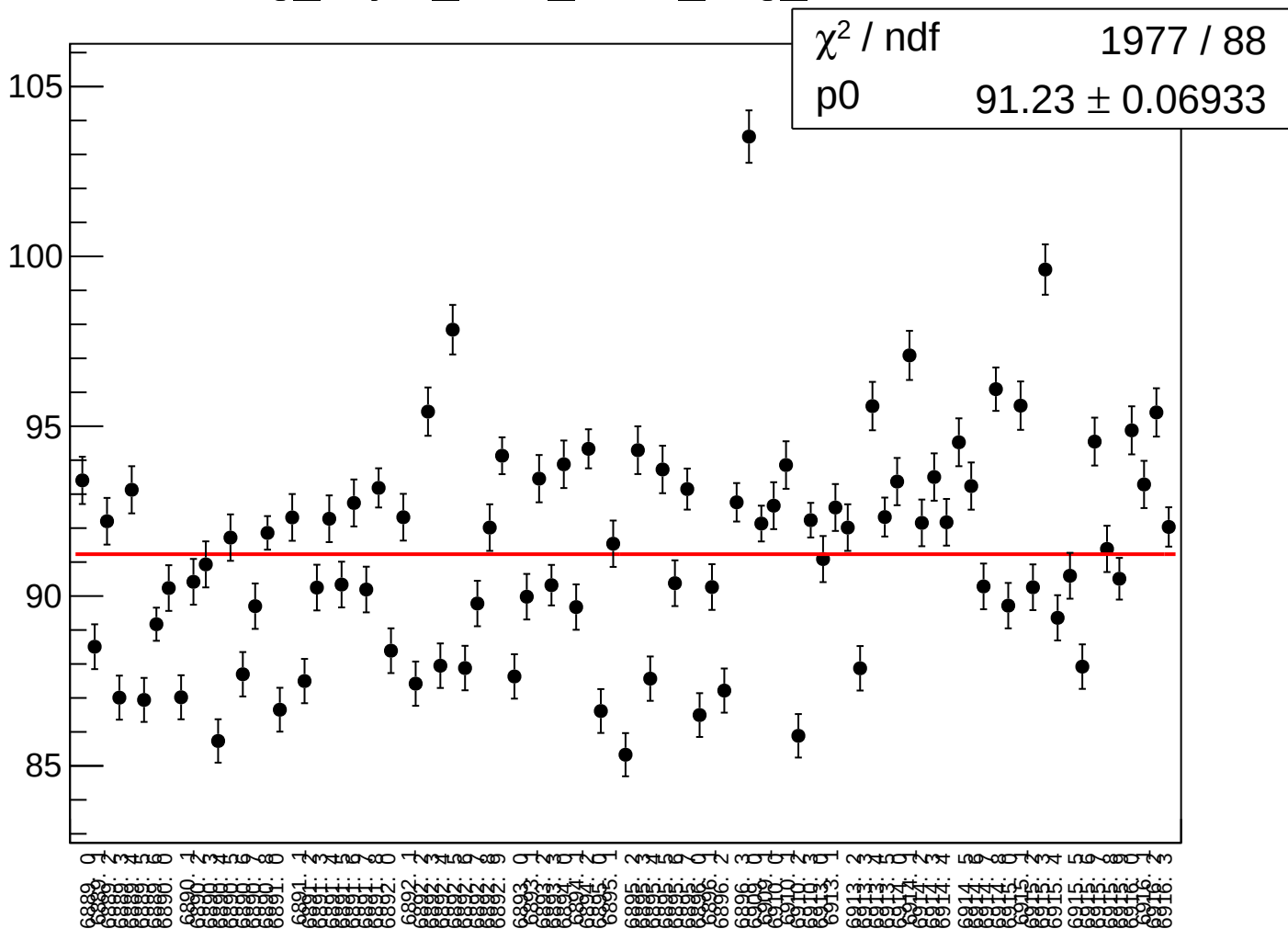
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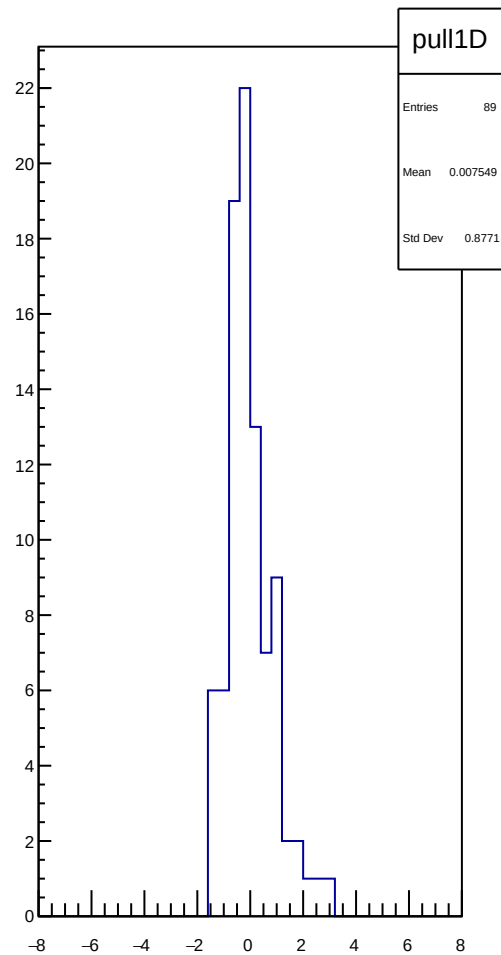
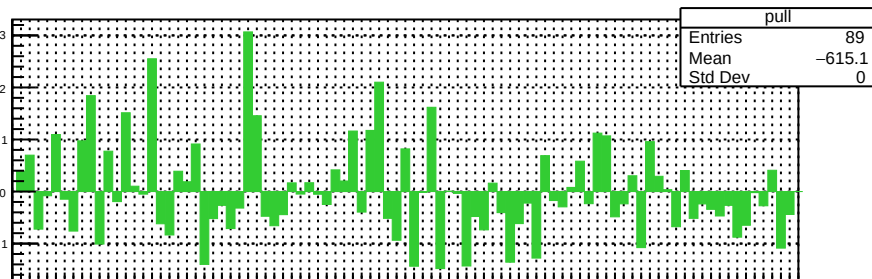
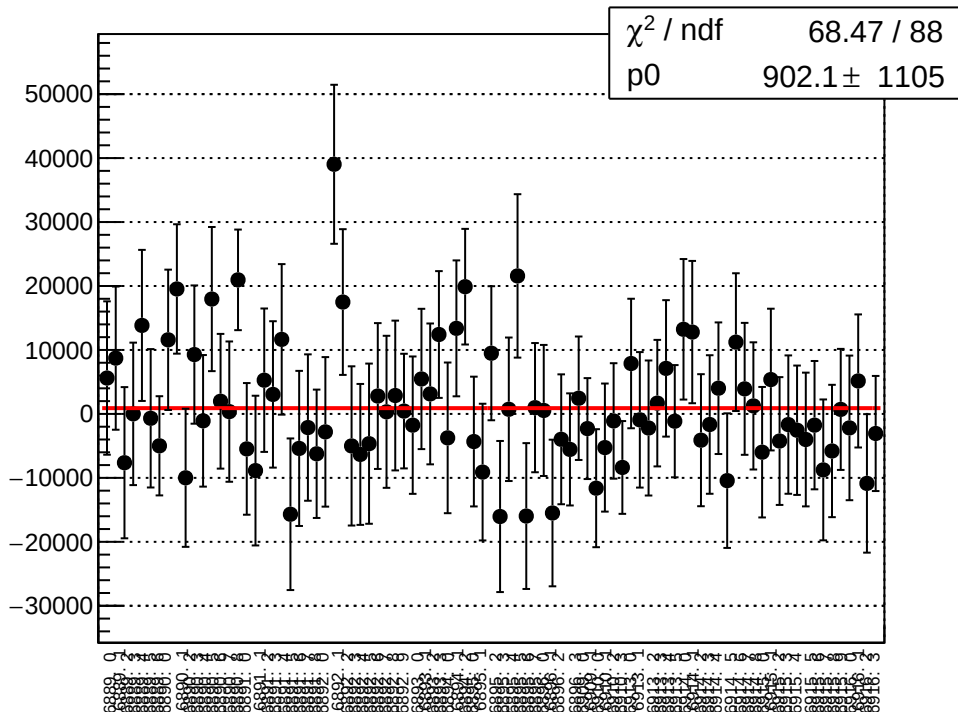
reg_asym_sam_3748_avg_mean vs run



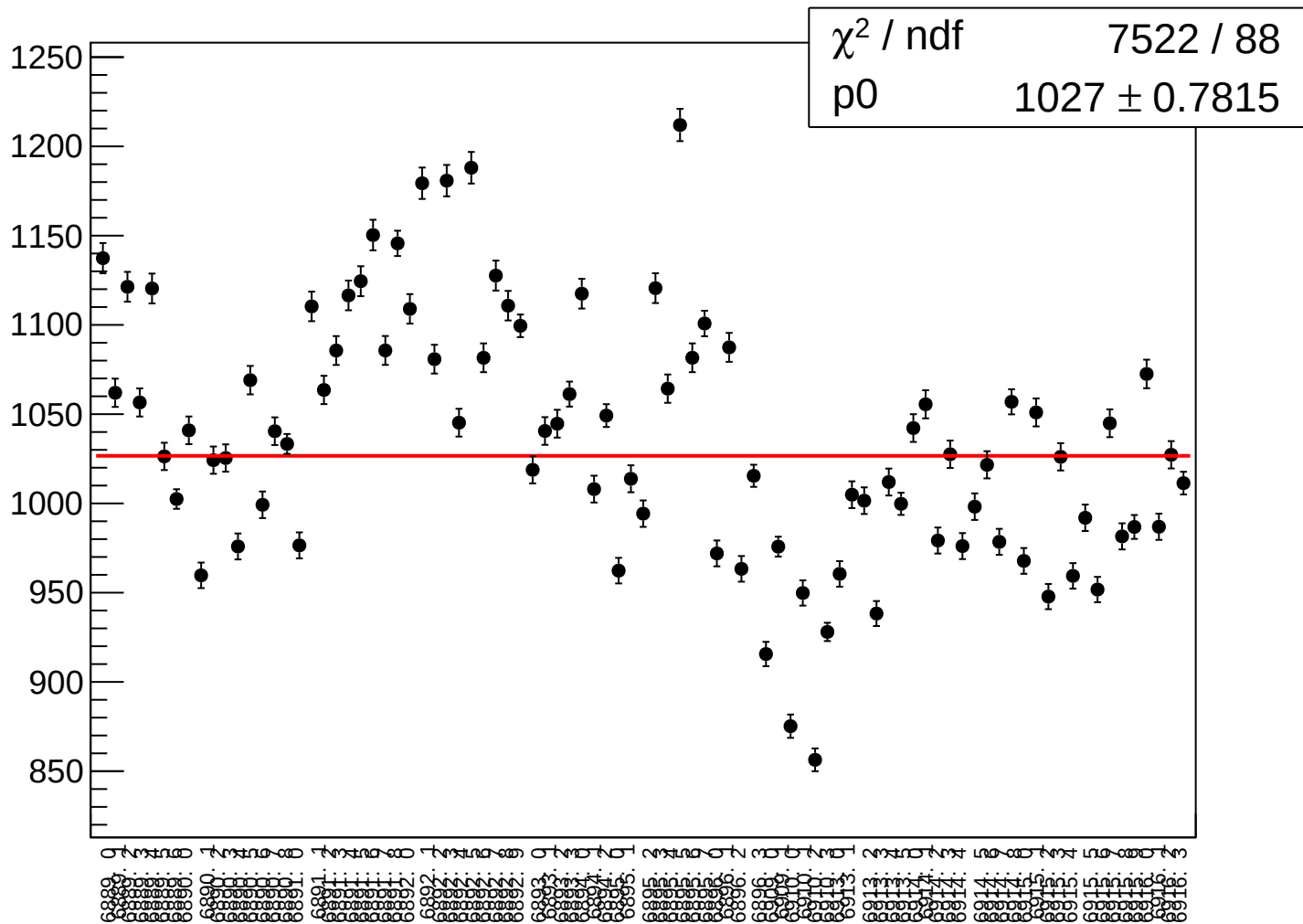
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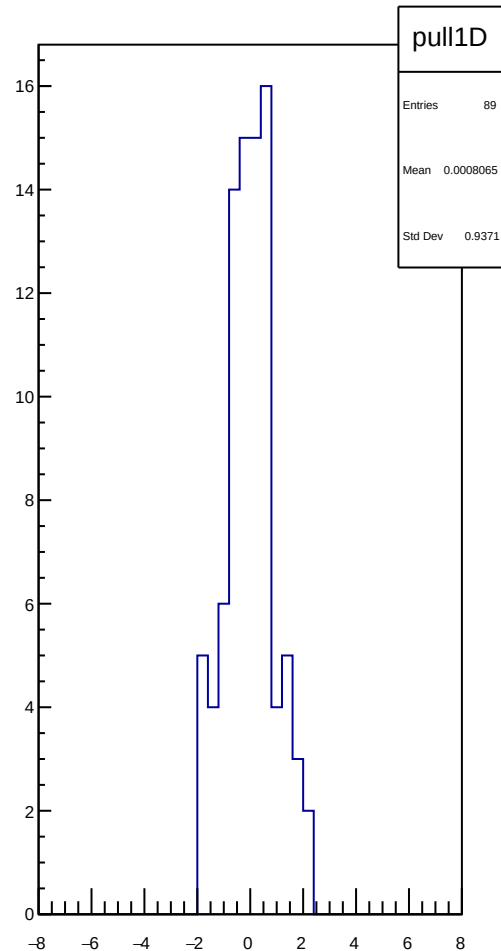
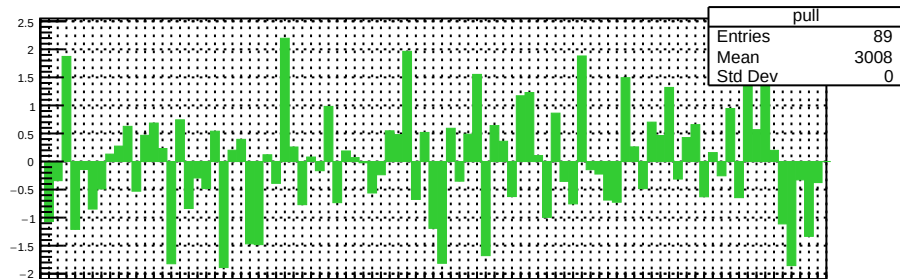
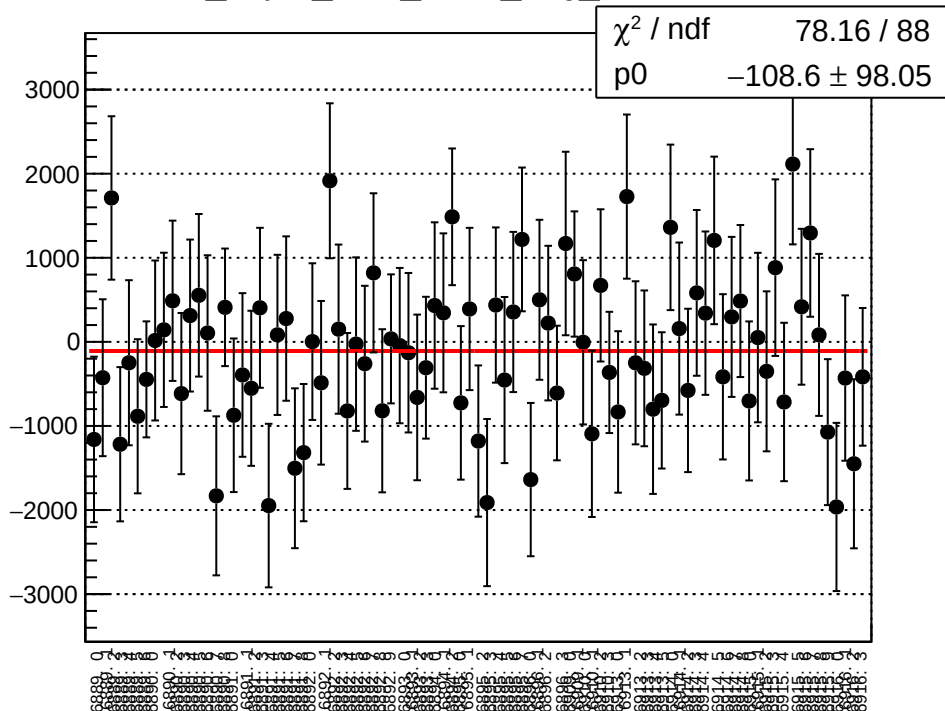
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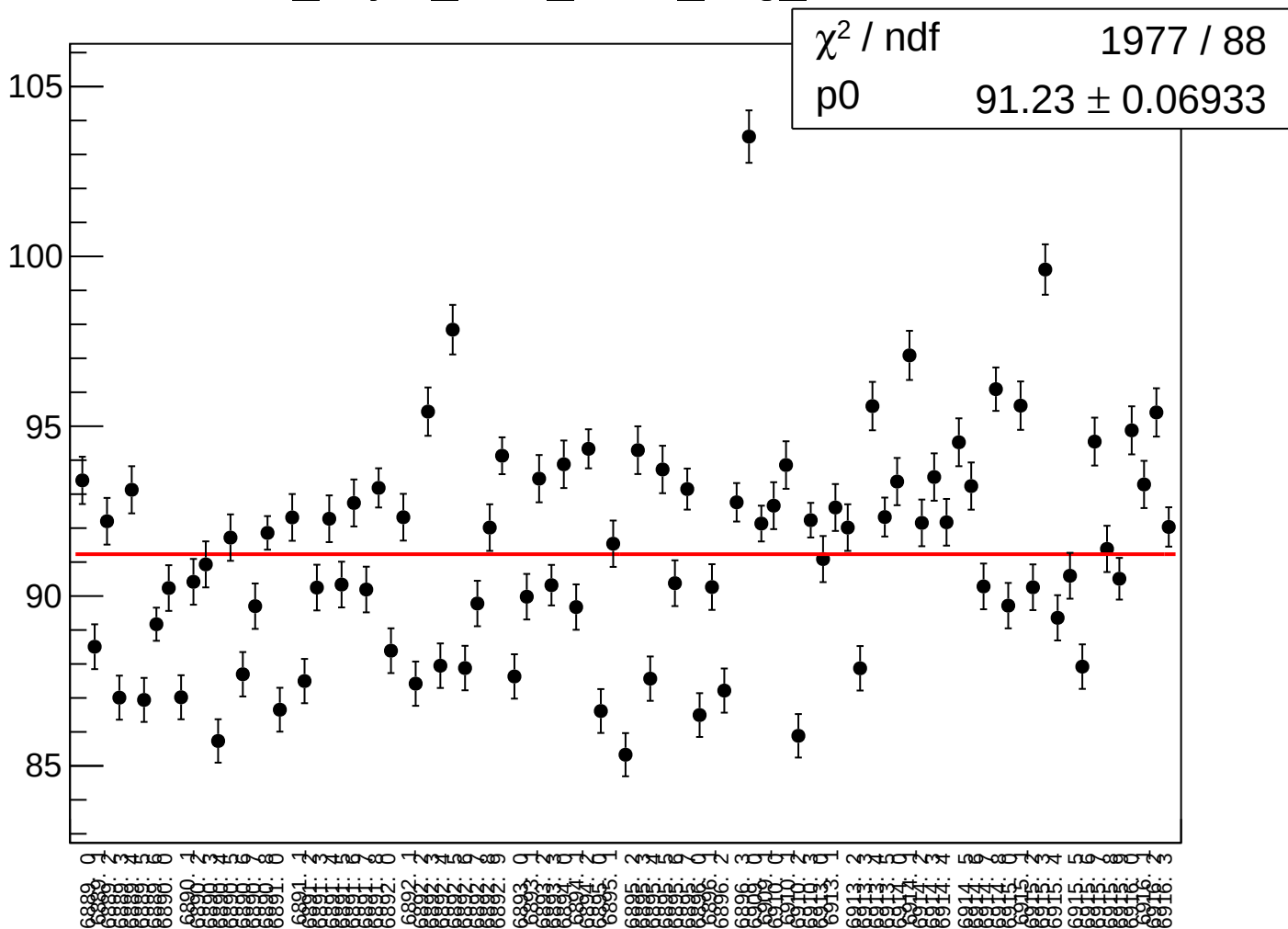
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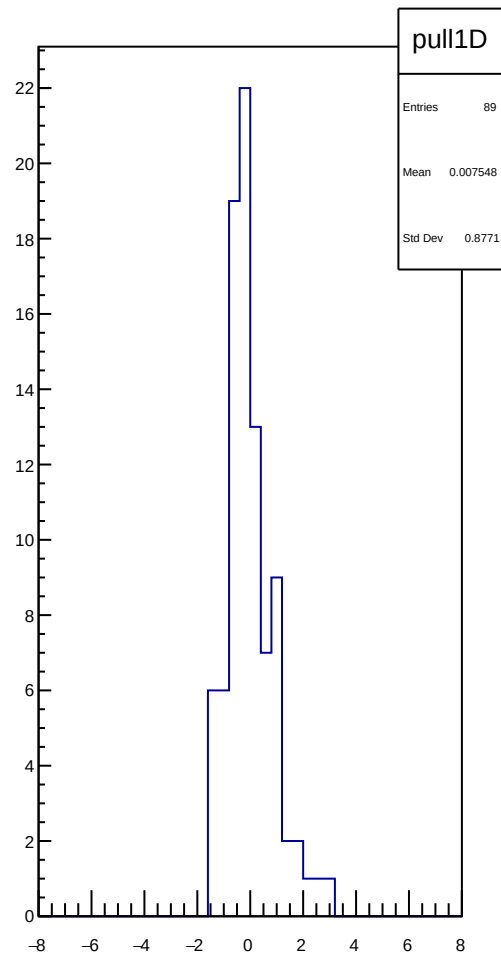
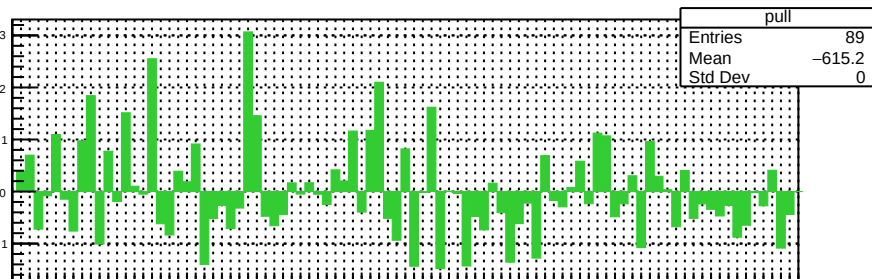
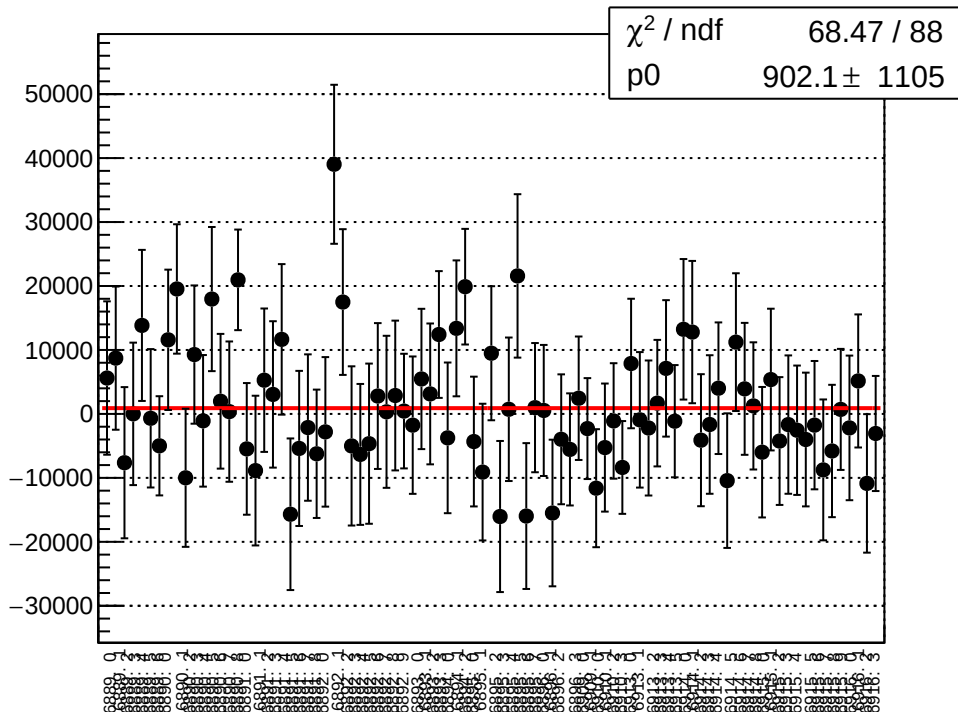
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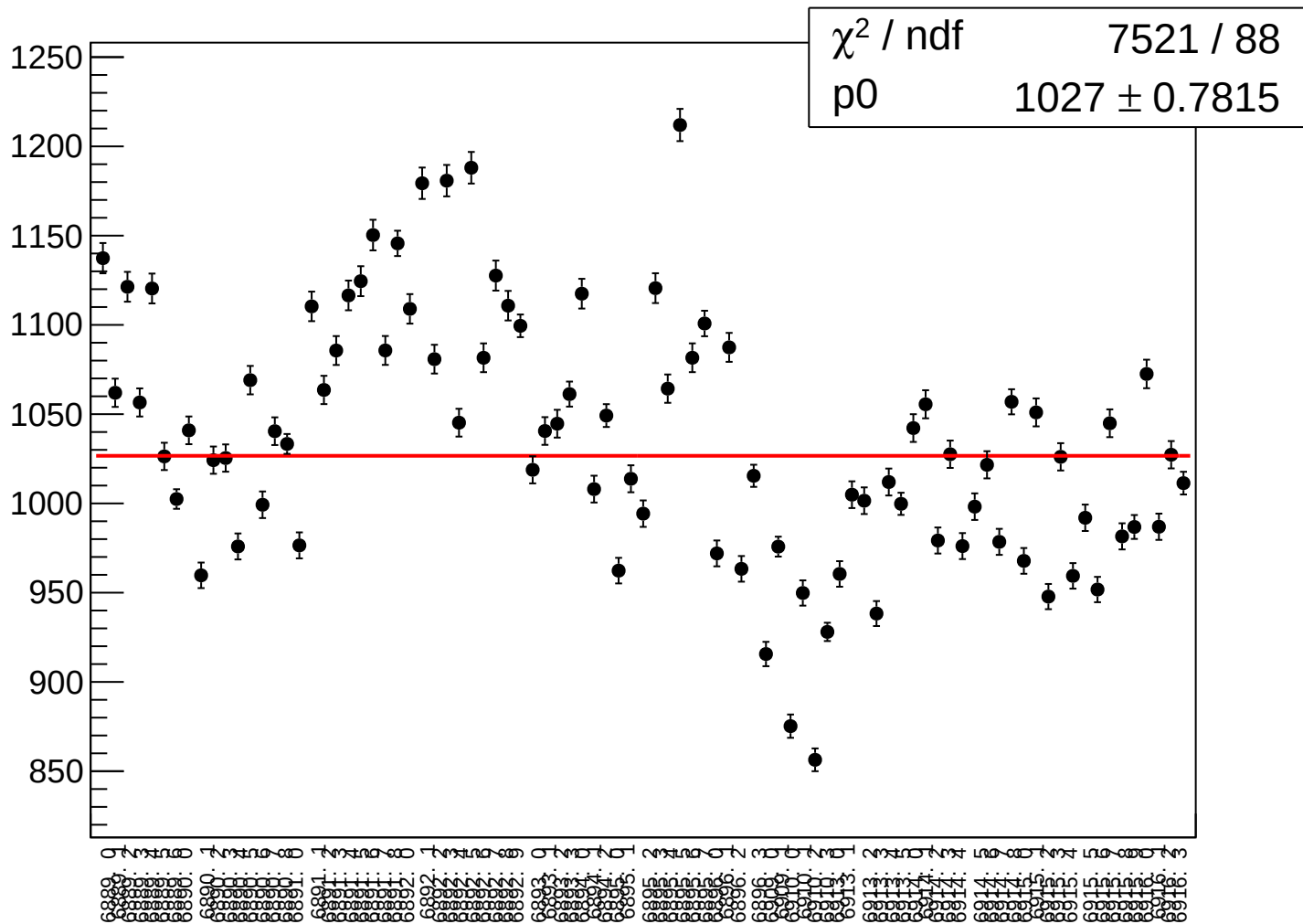
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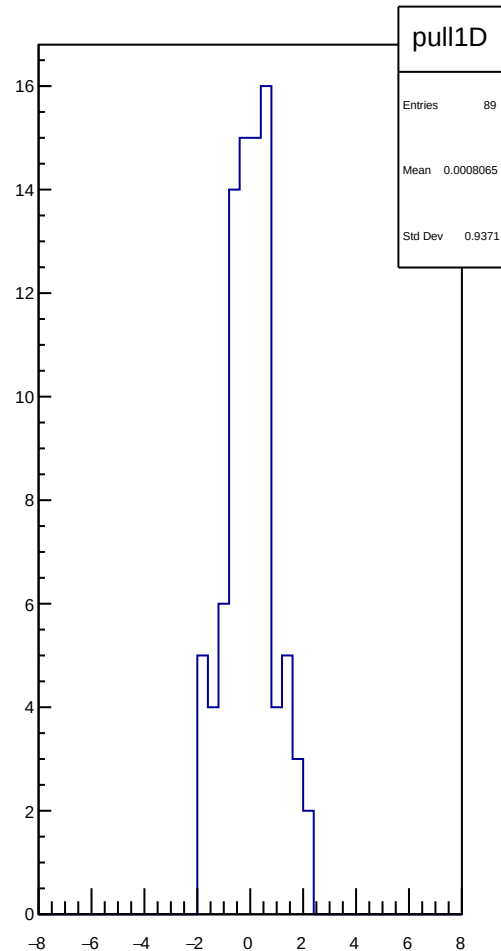
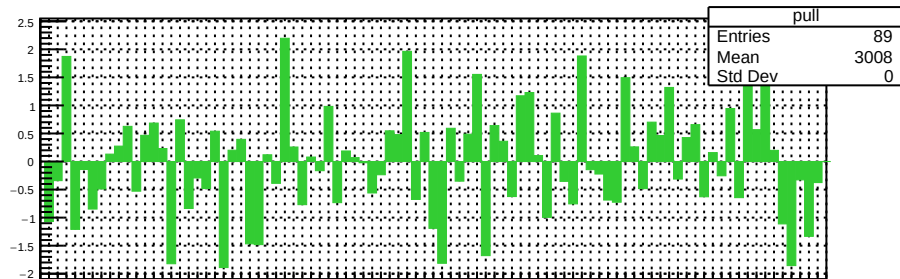
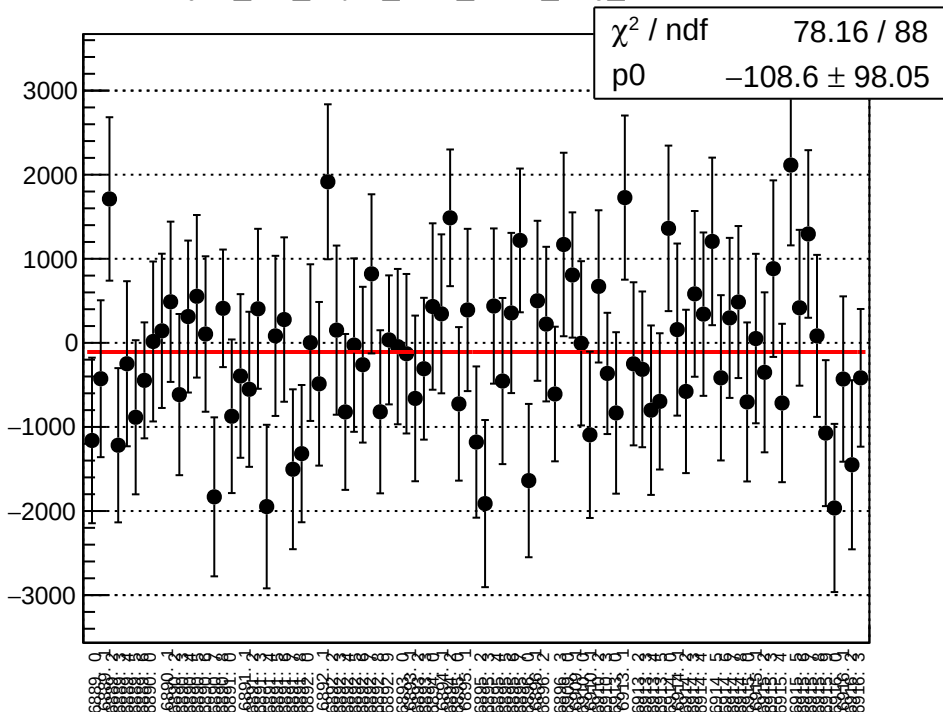
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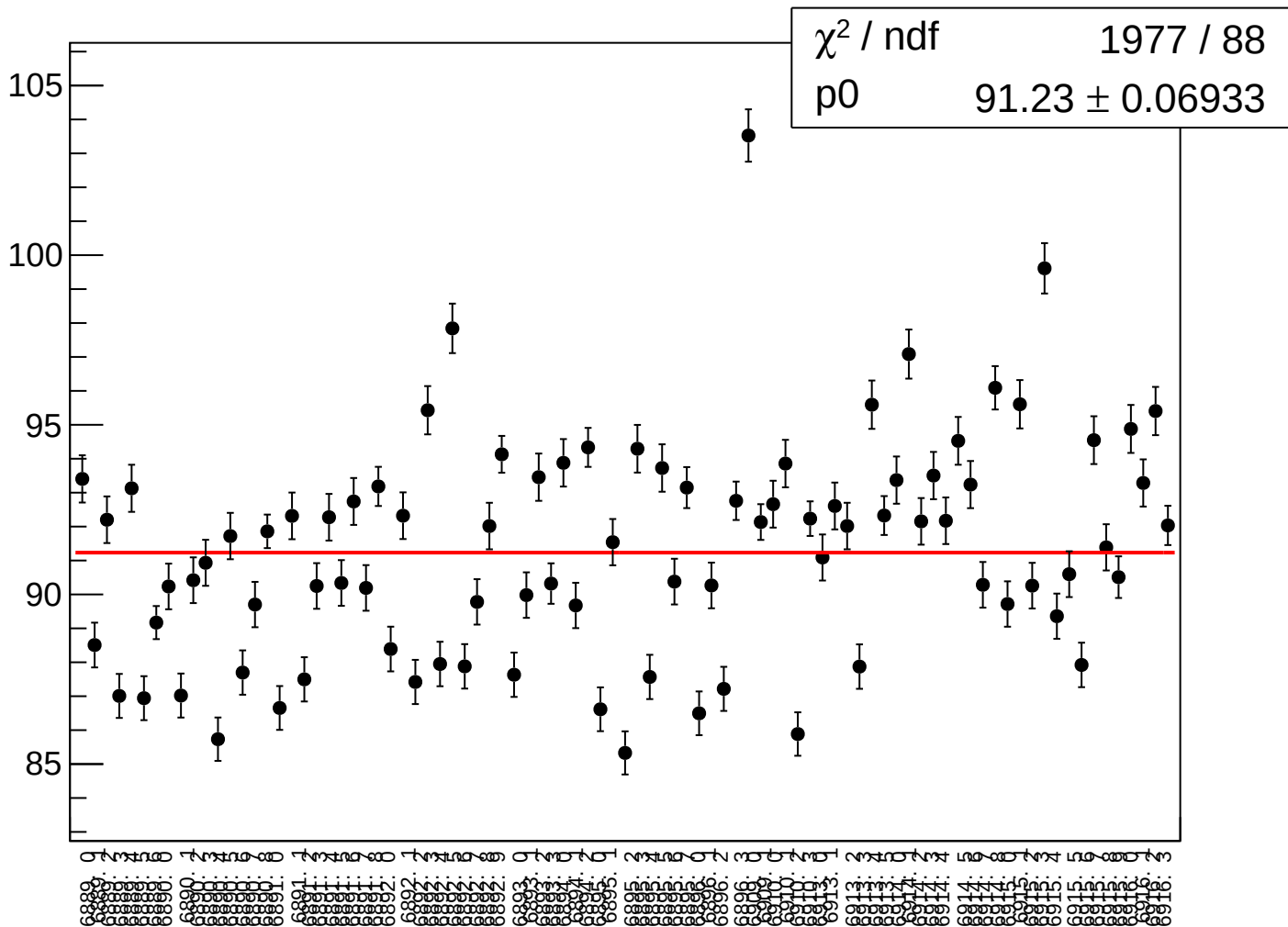
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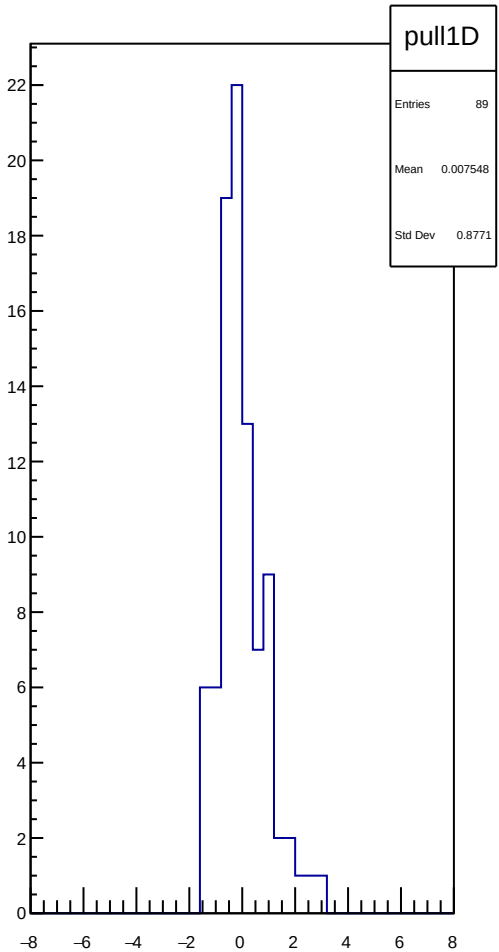
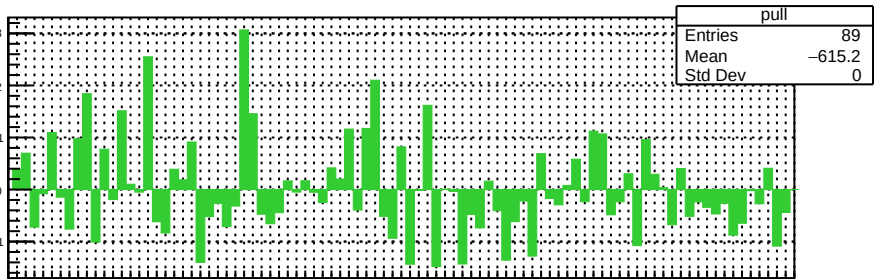
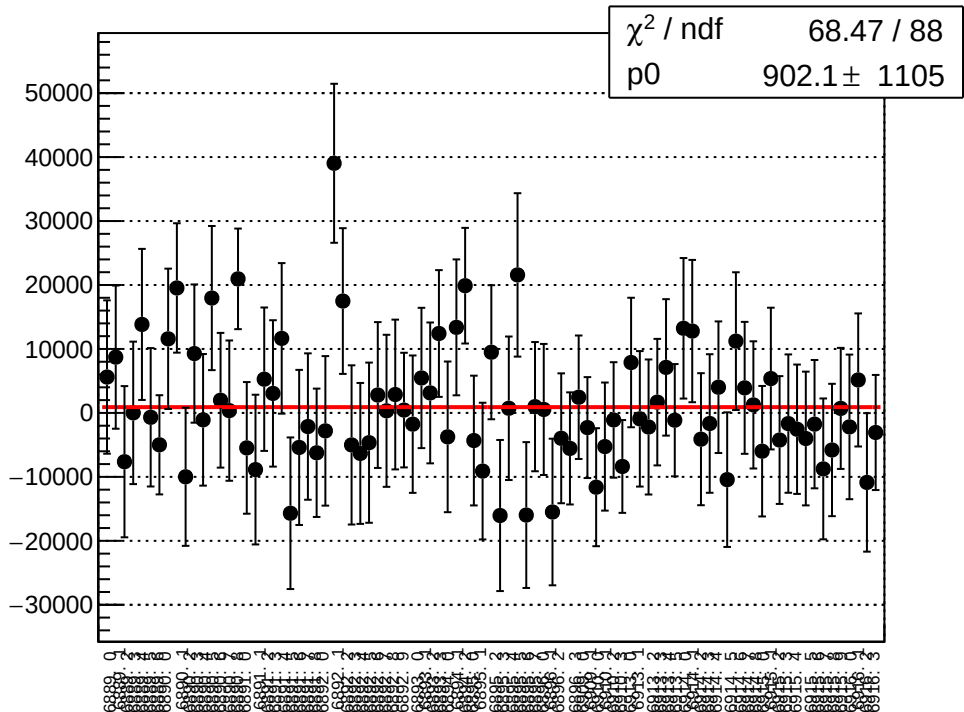
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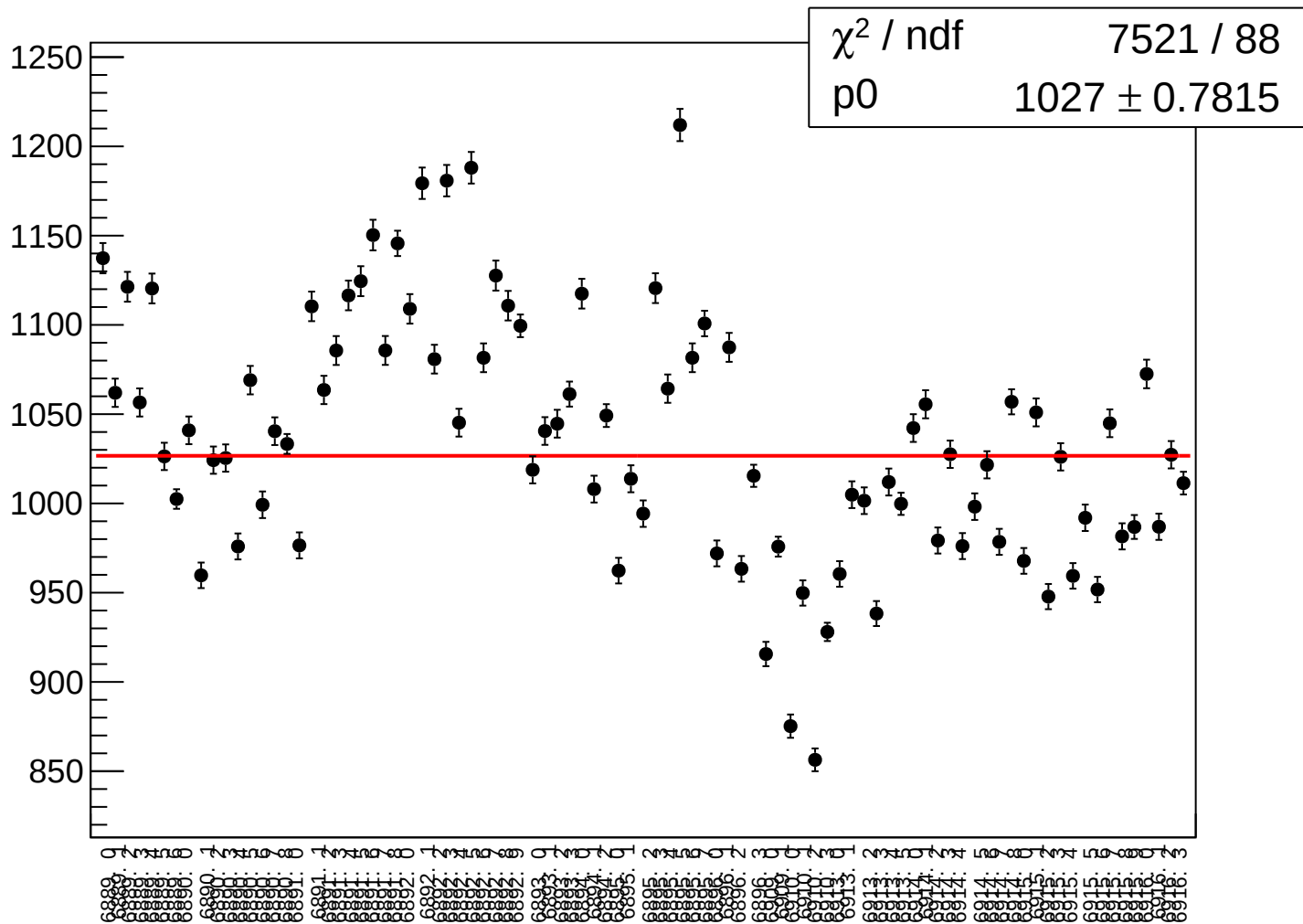
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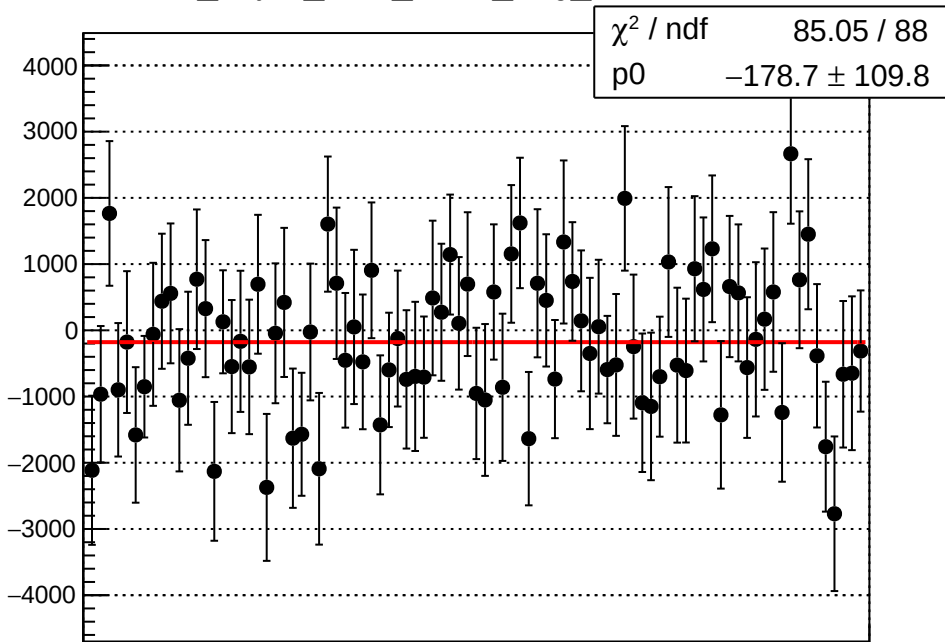
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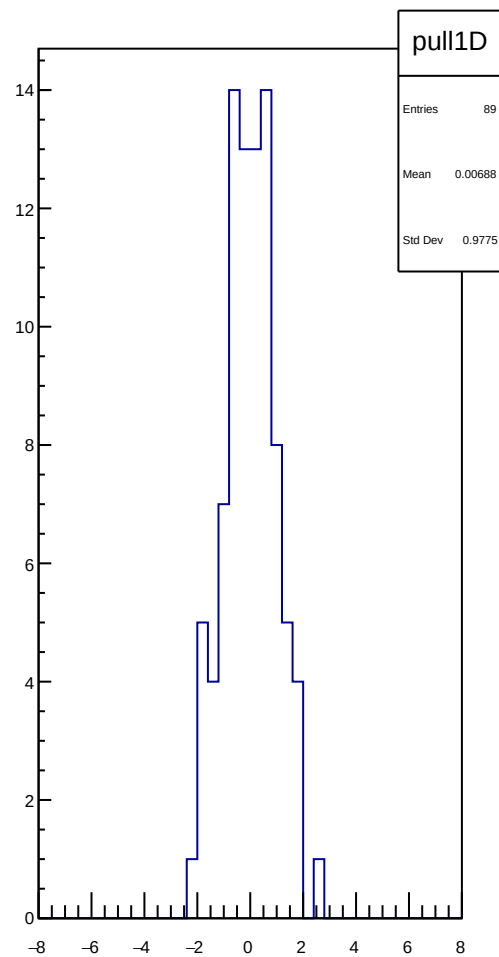
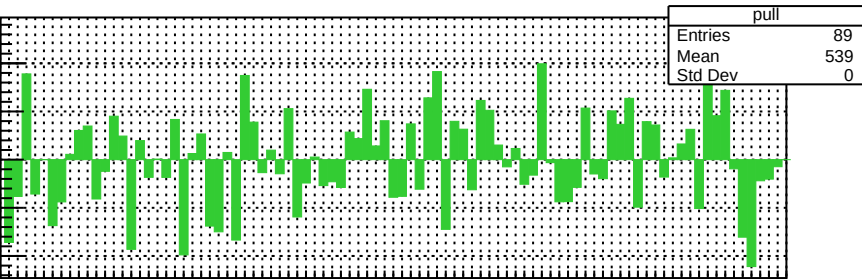
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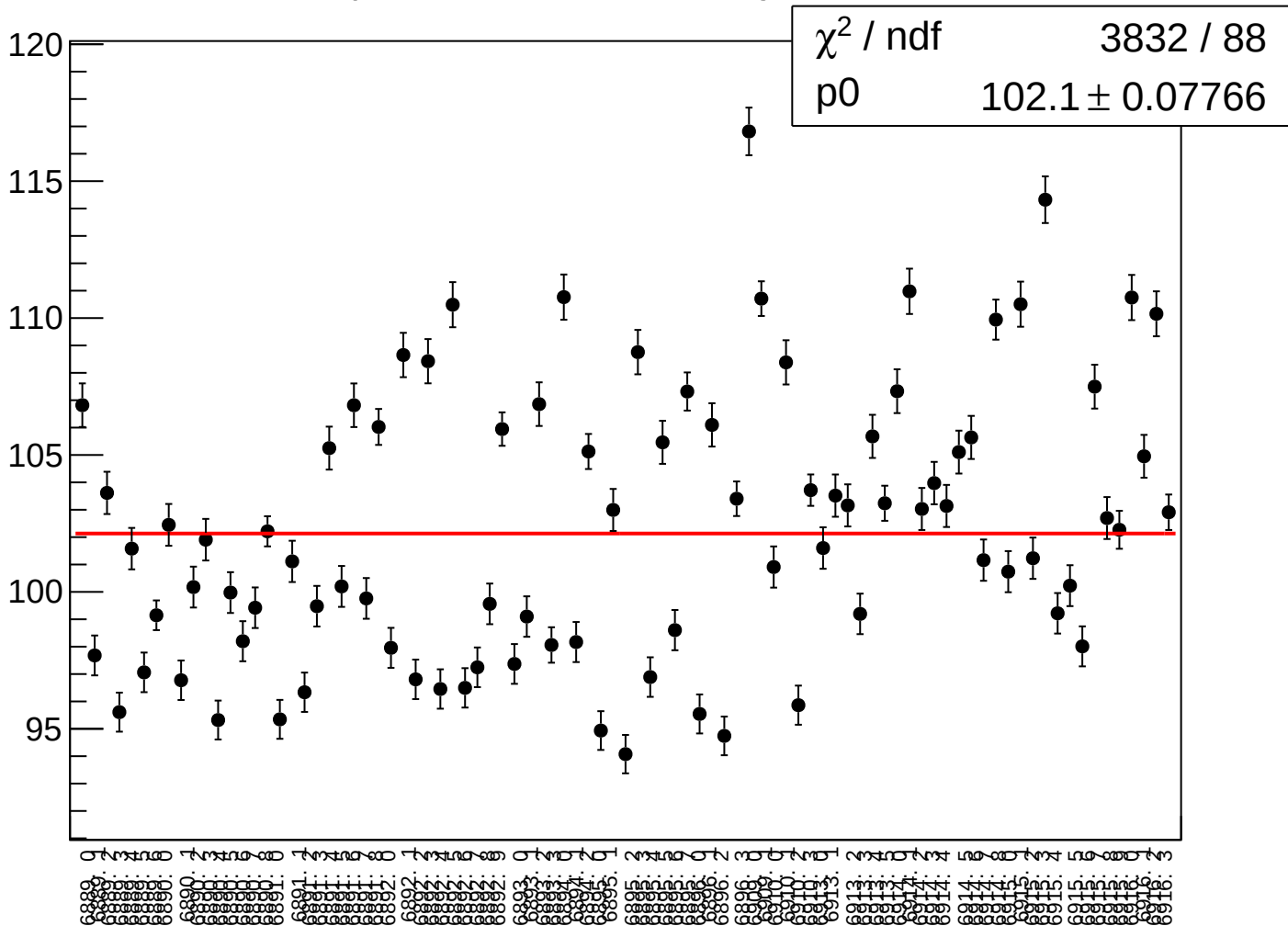
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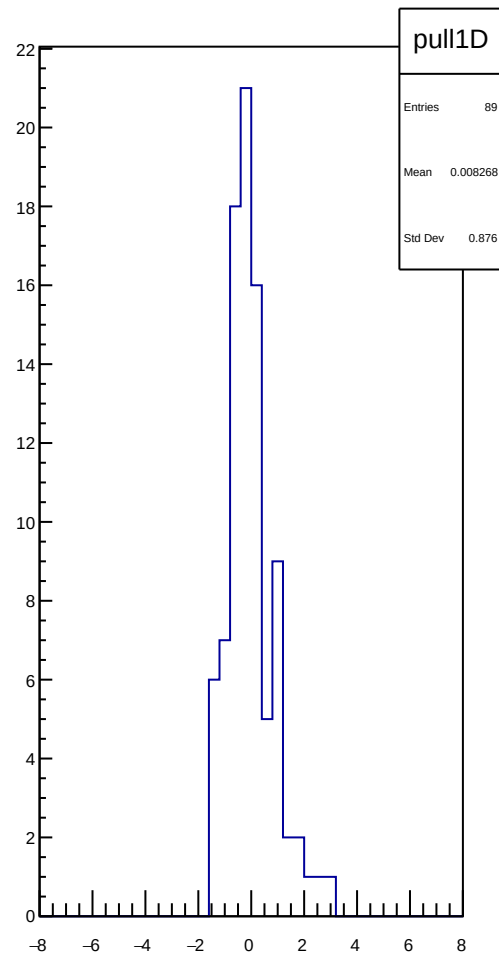
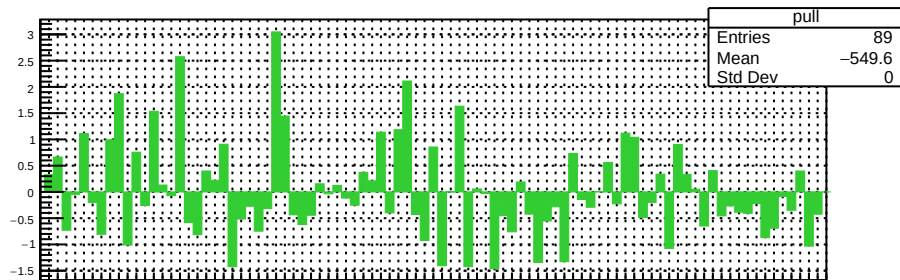
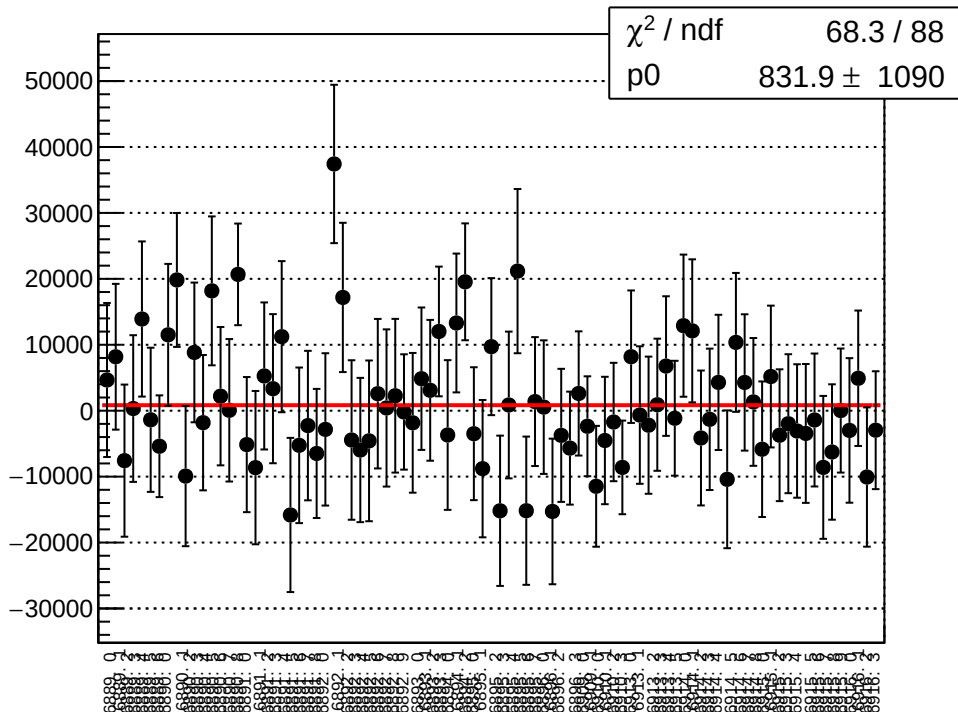
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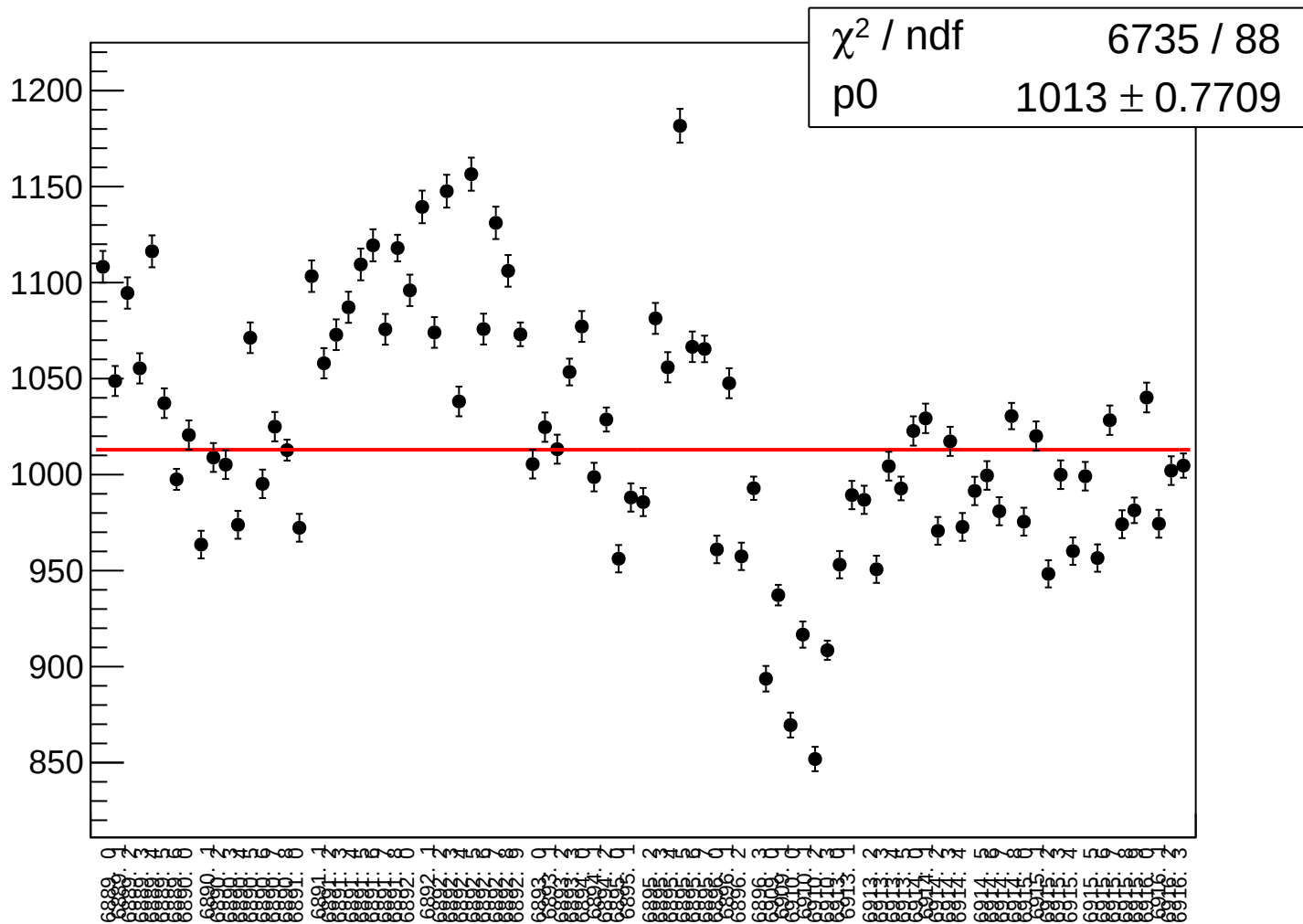
dit_asym_sam_3748_avg_rms vs run



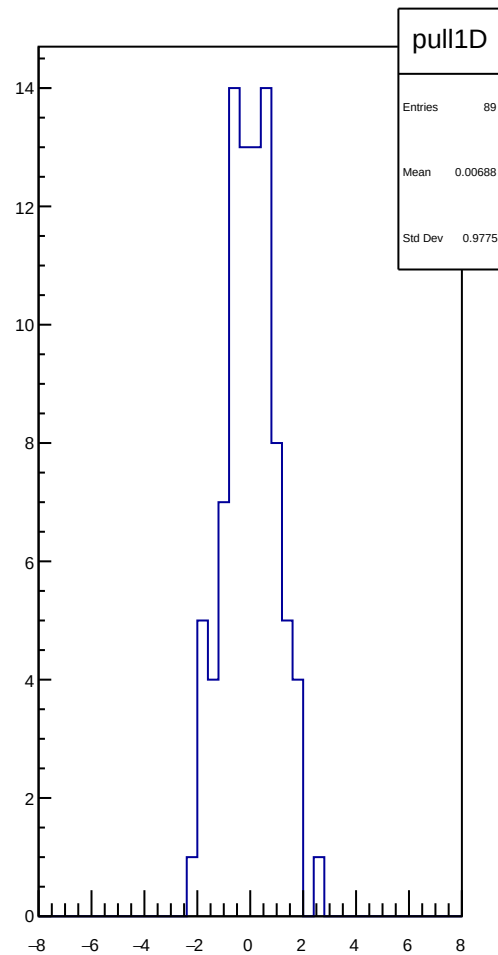
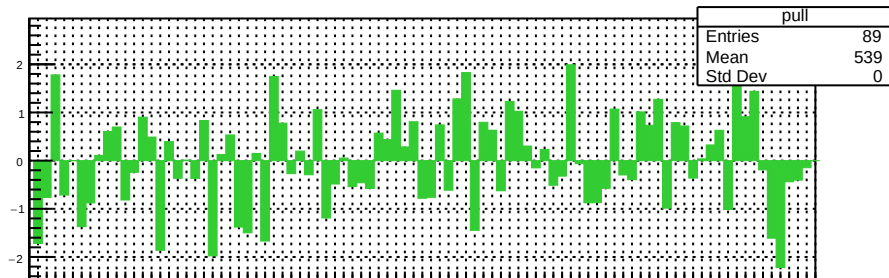
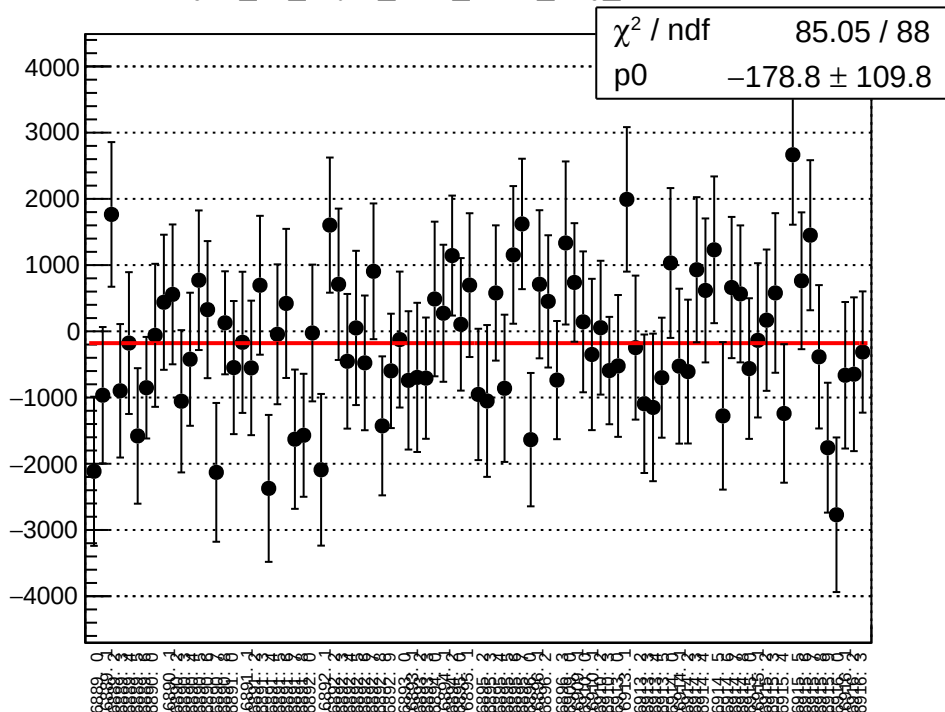
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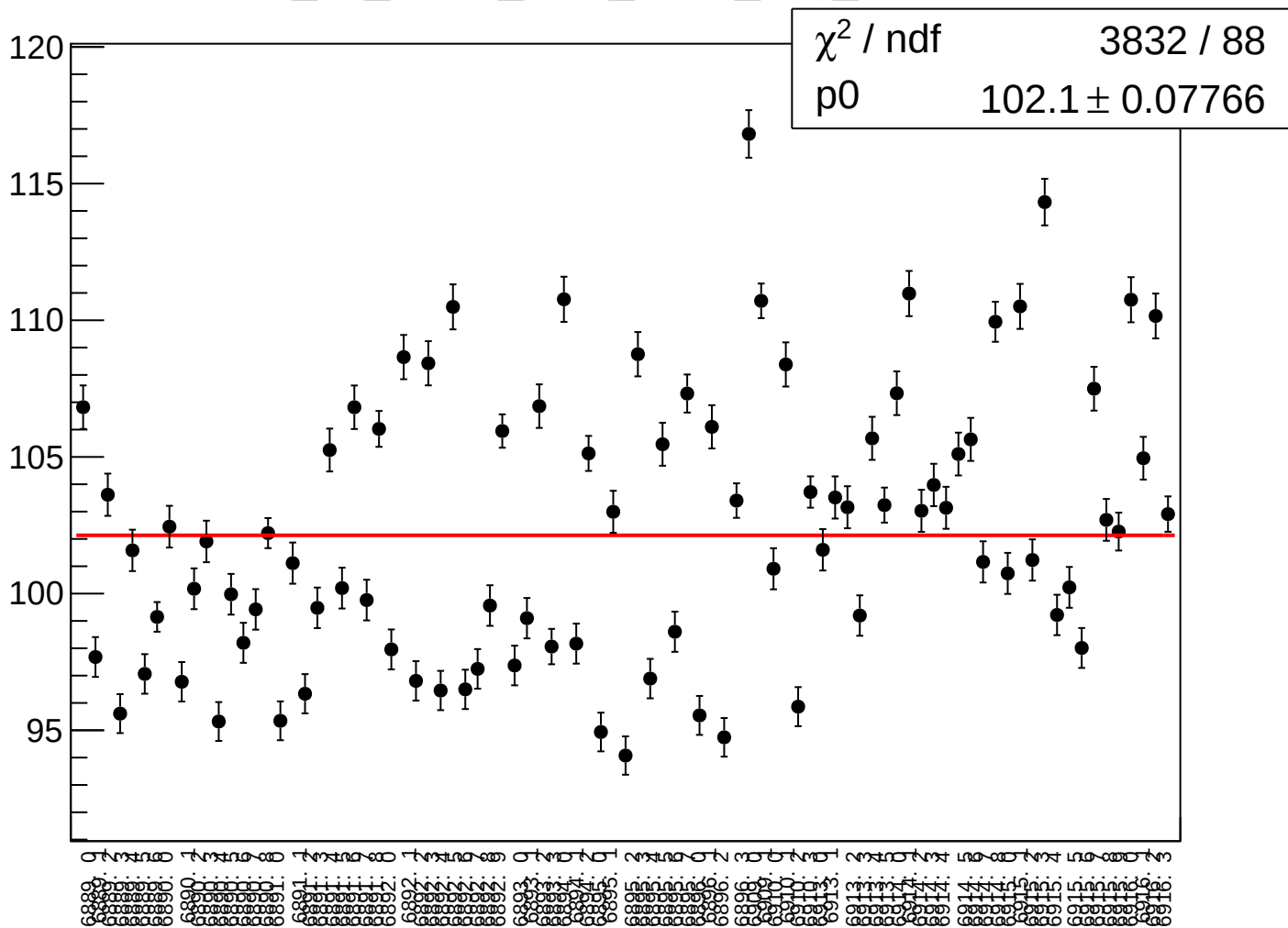
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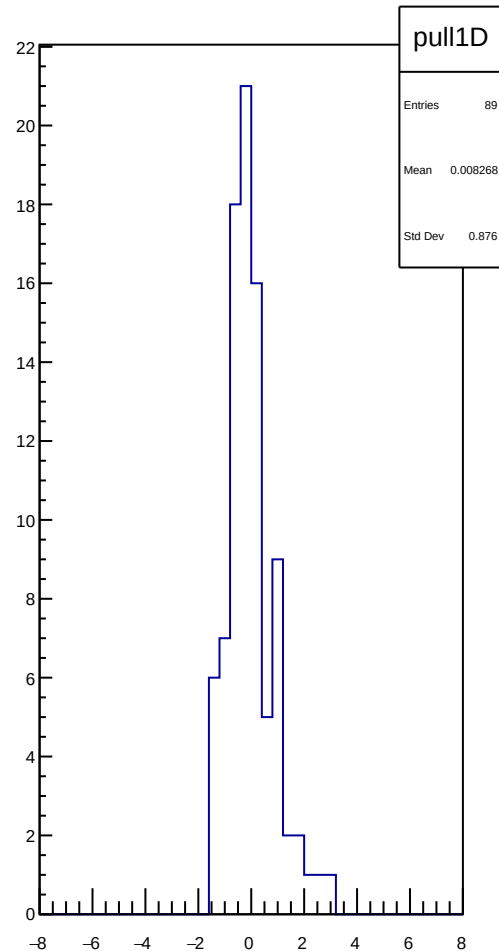
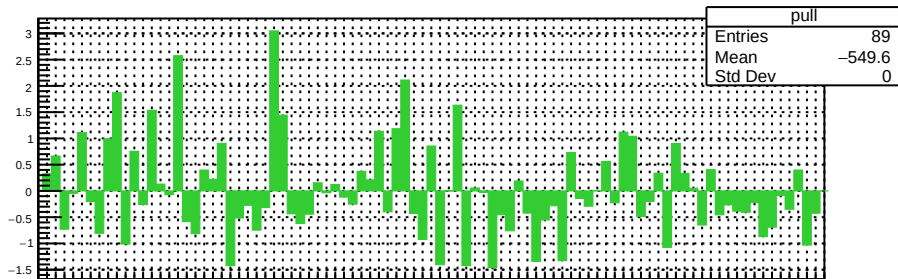
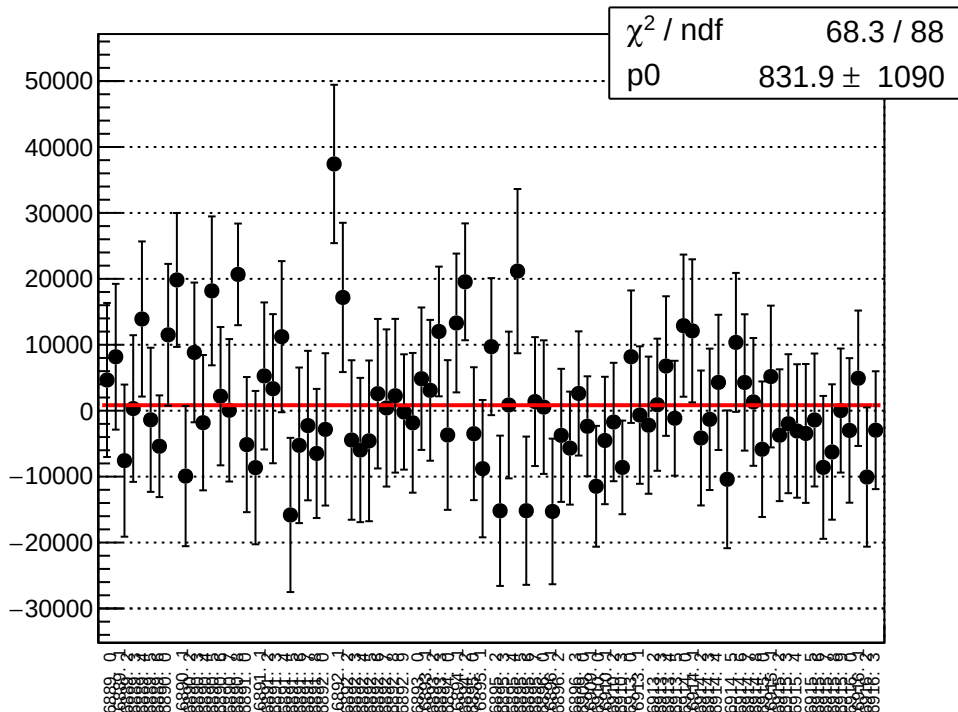
eigen_dit_asym_sam_3748_avg_mean vs run



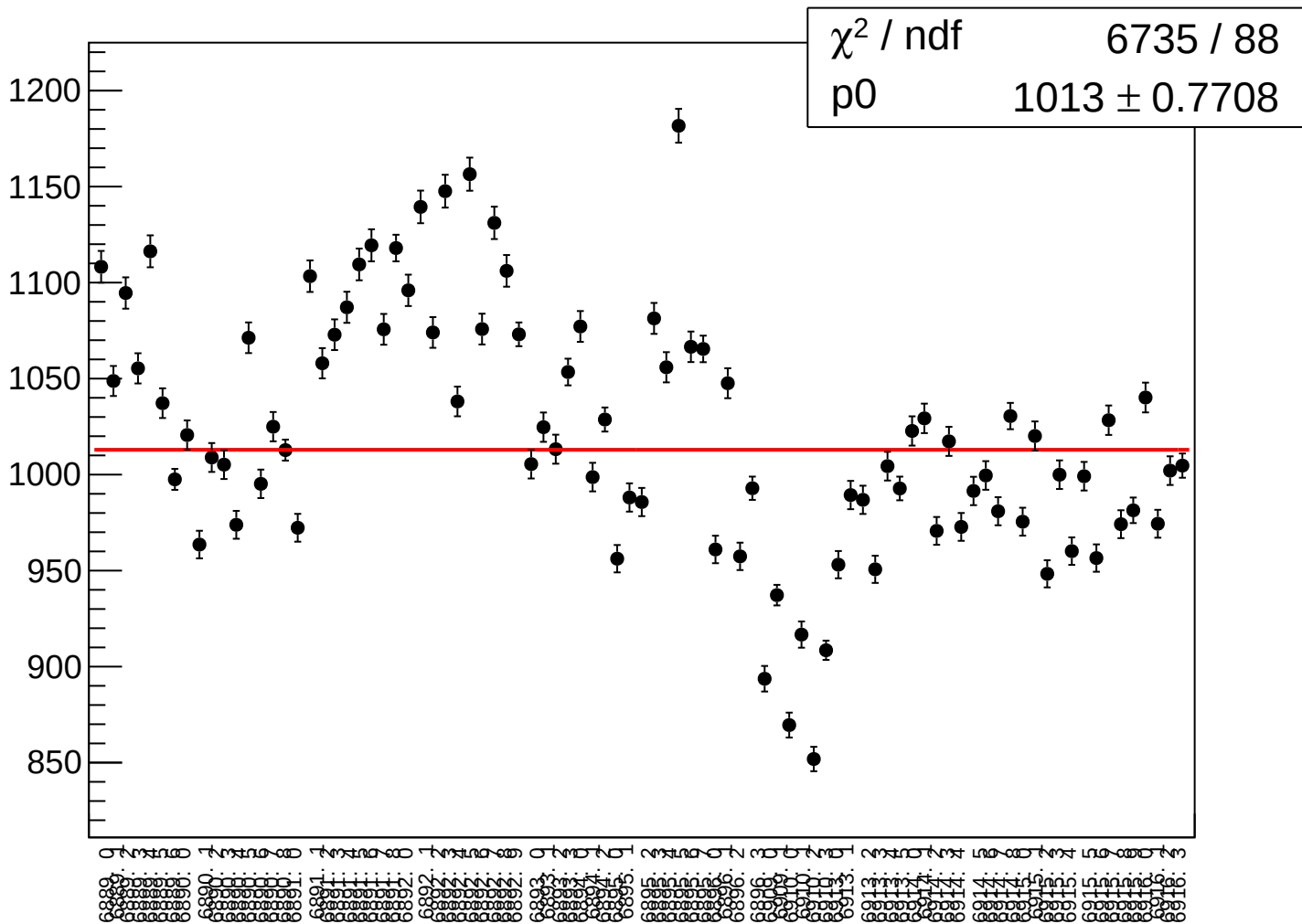
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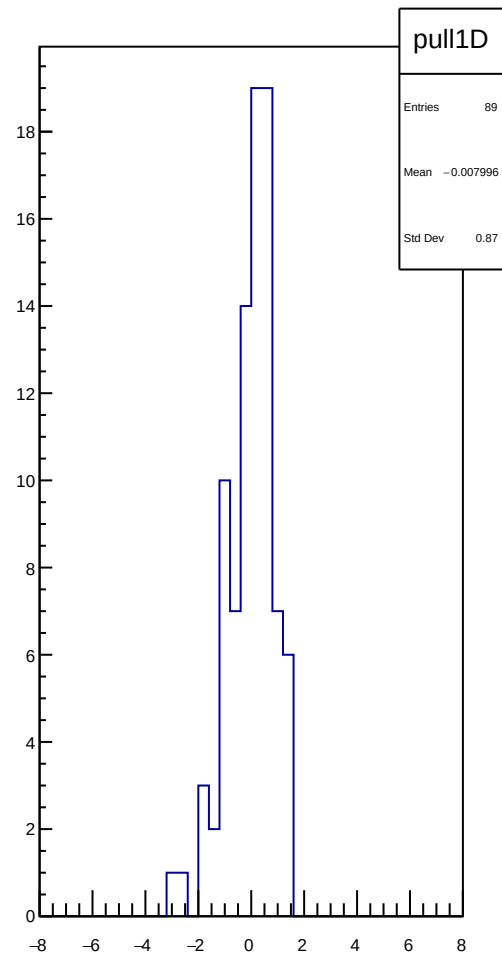
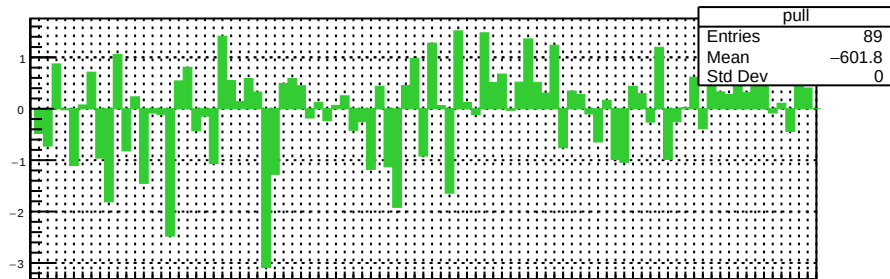
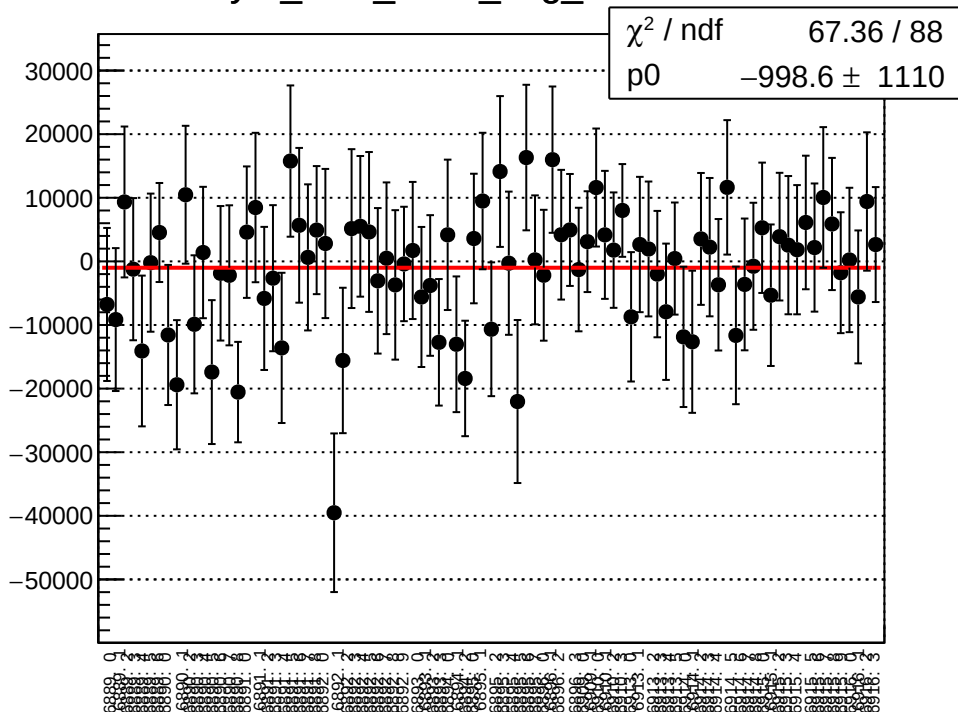
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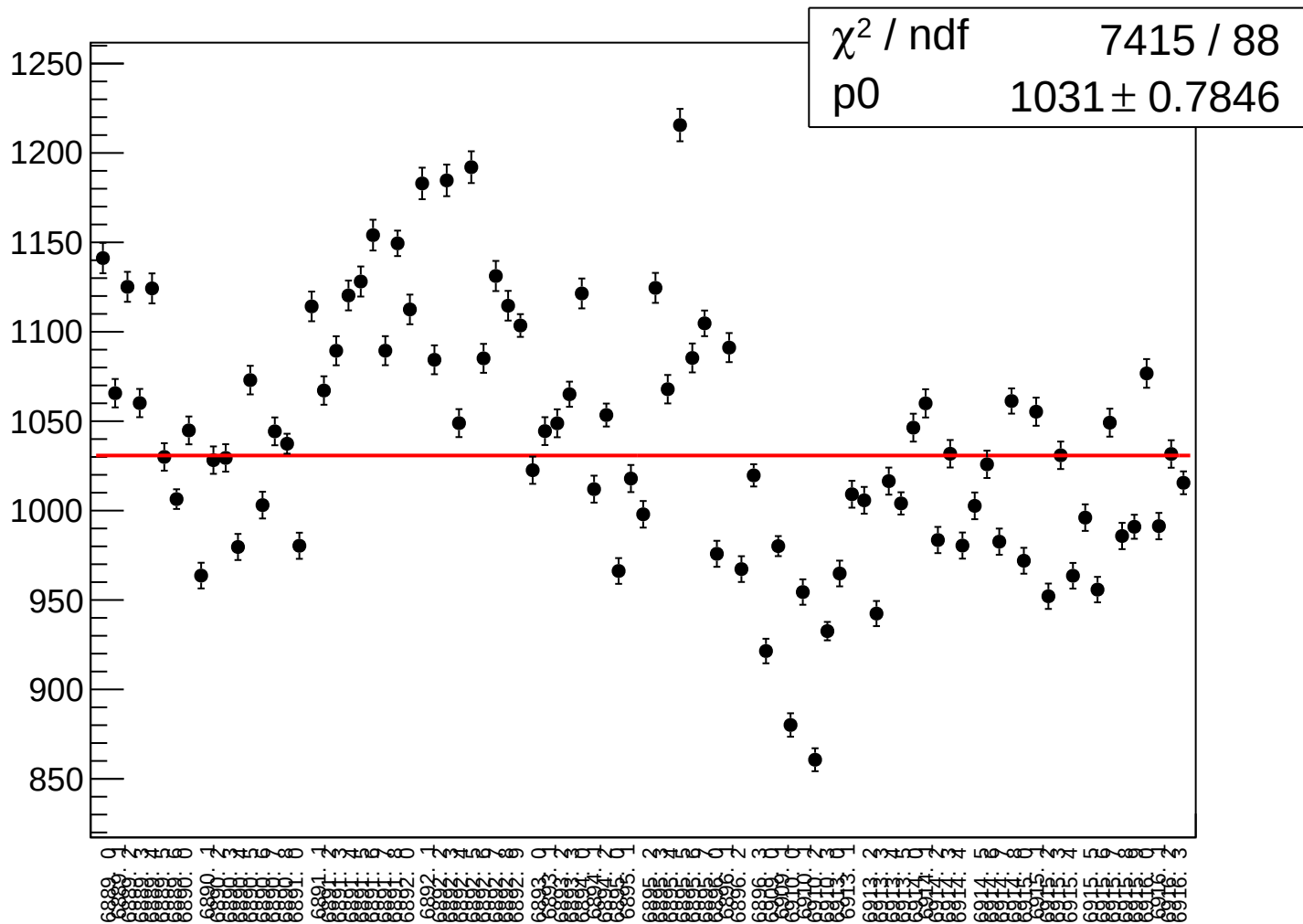
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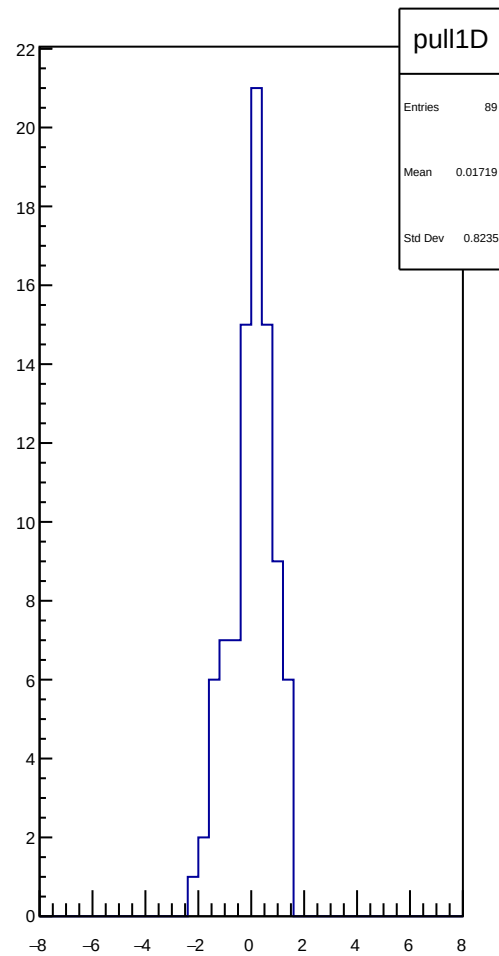
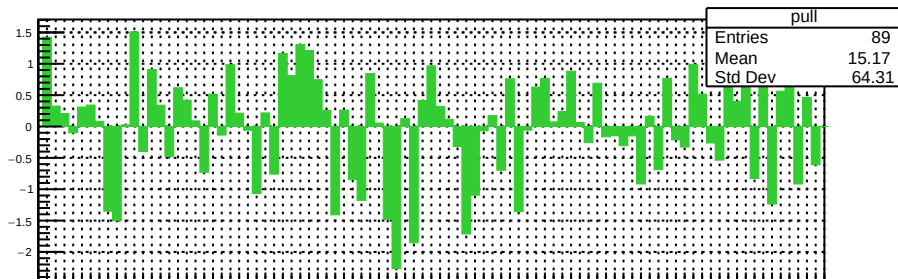
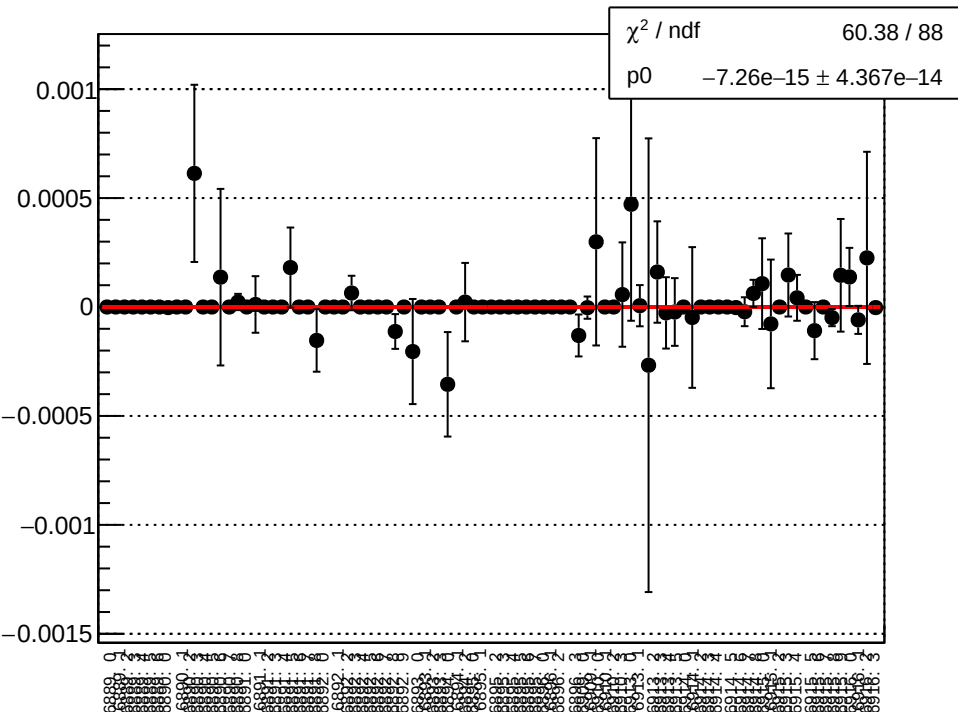
asym_sam_3748_avg_mean vs run



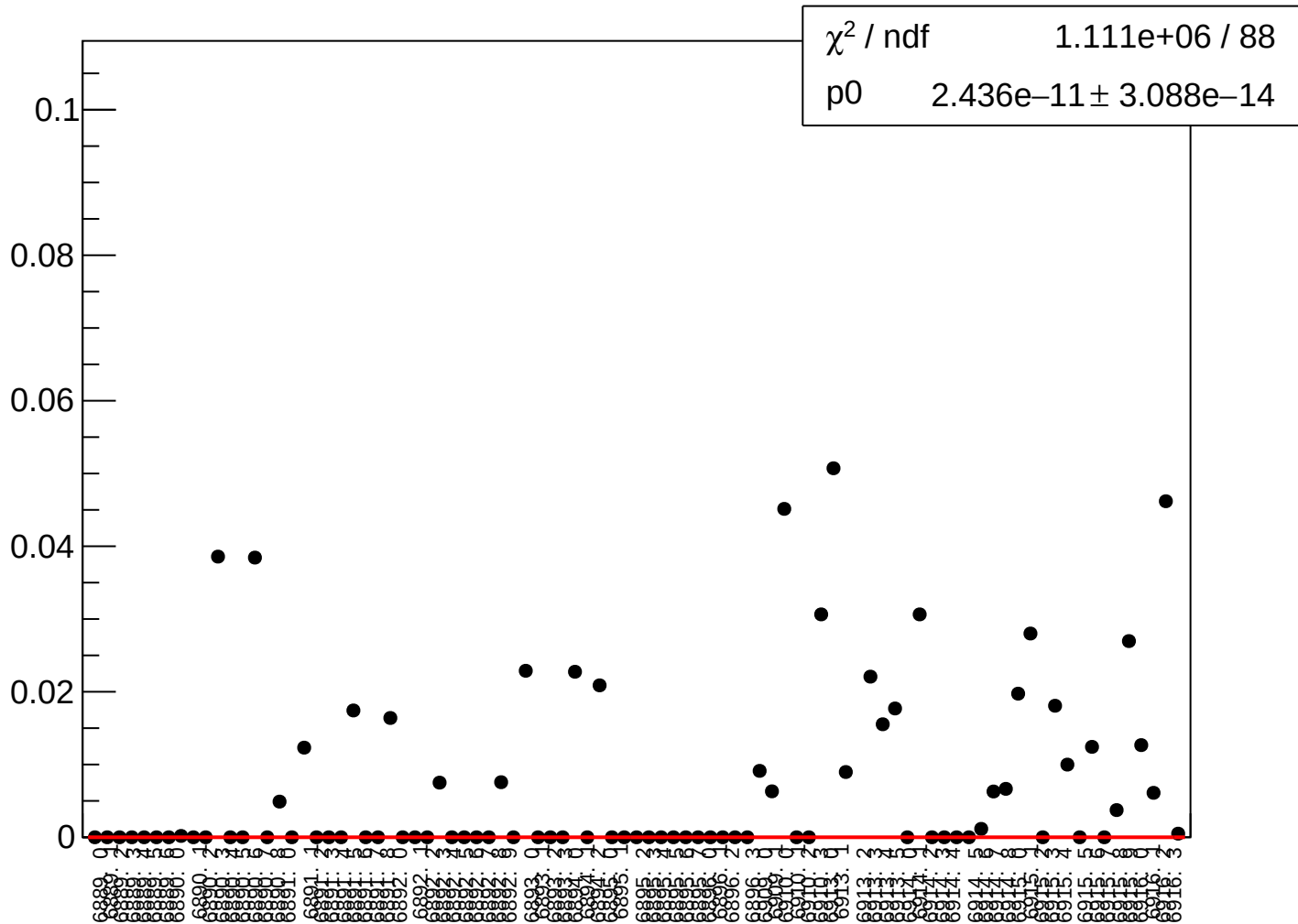
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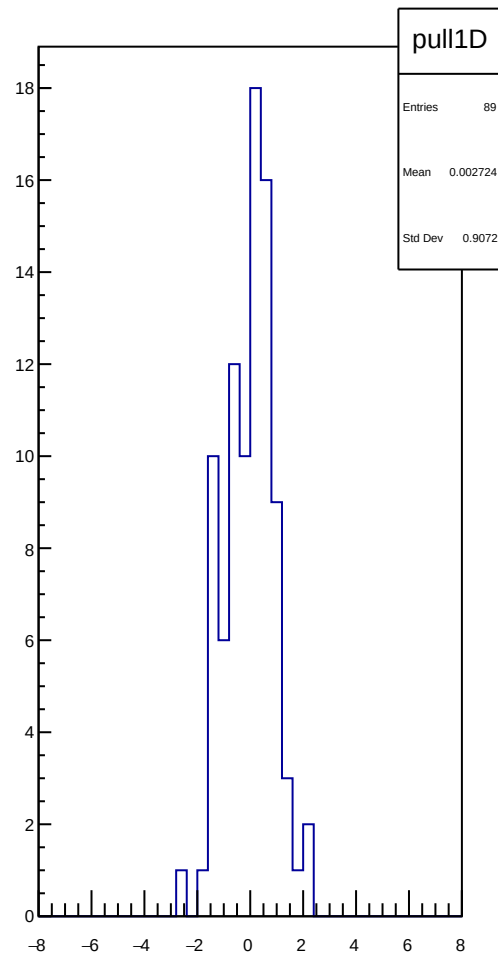
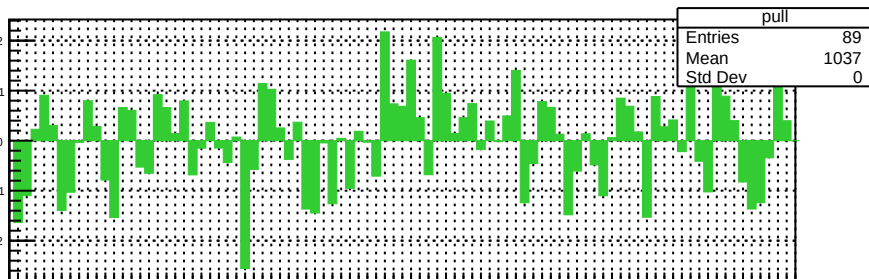
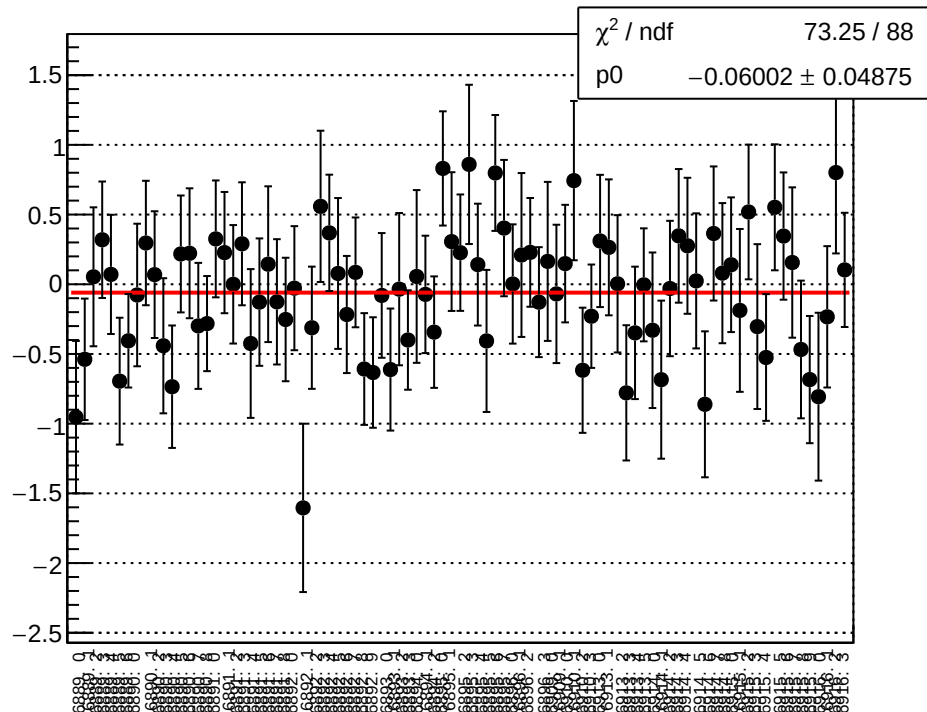
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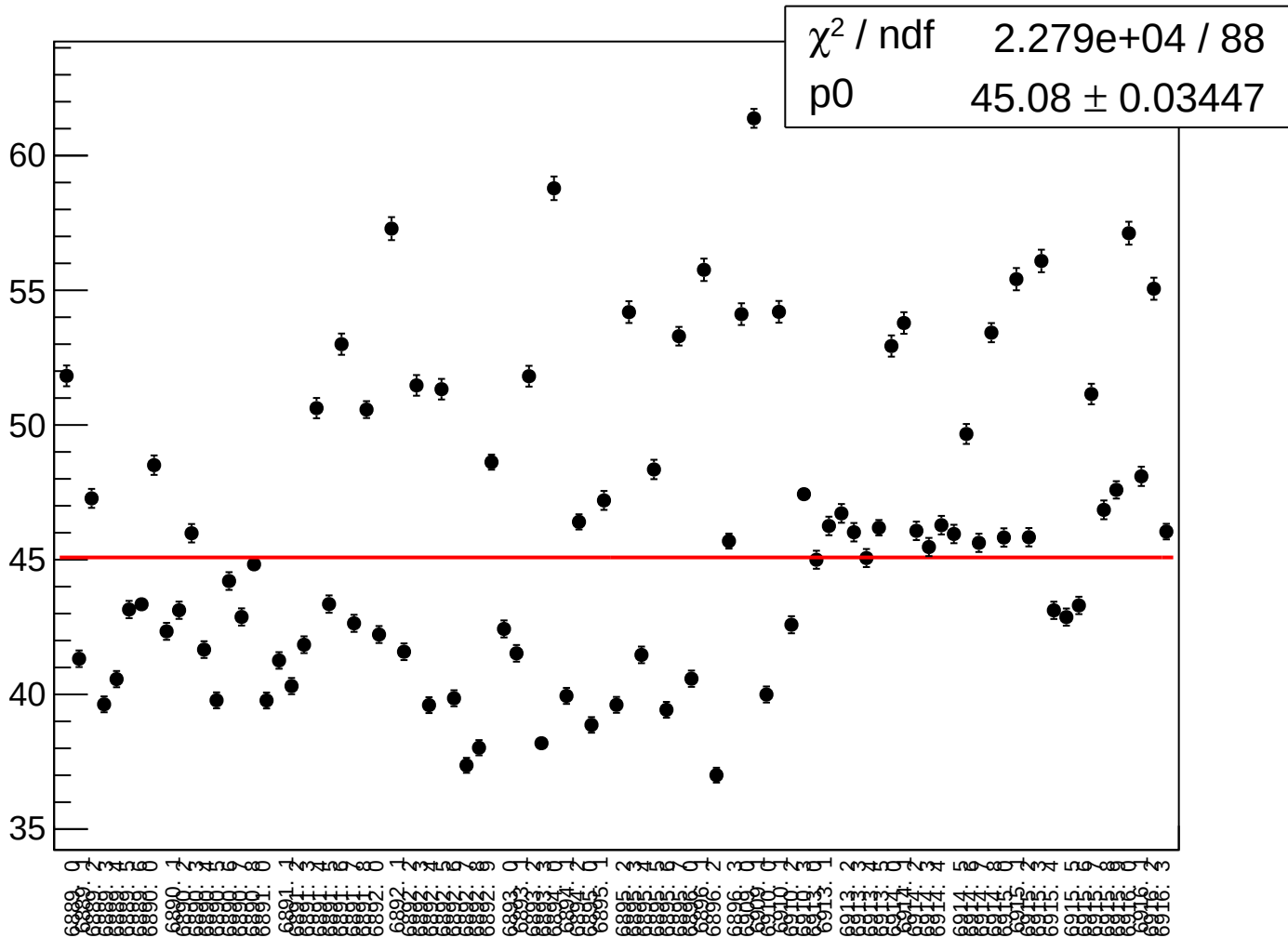
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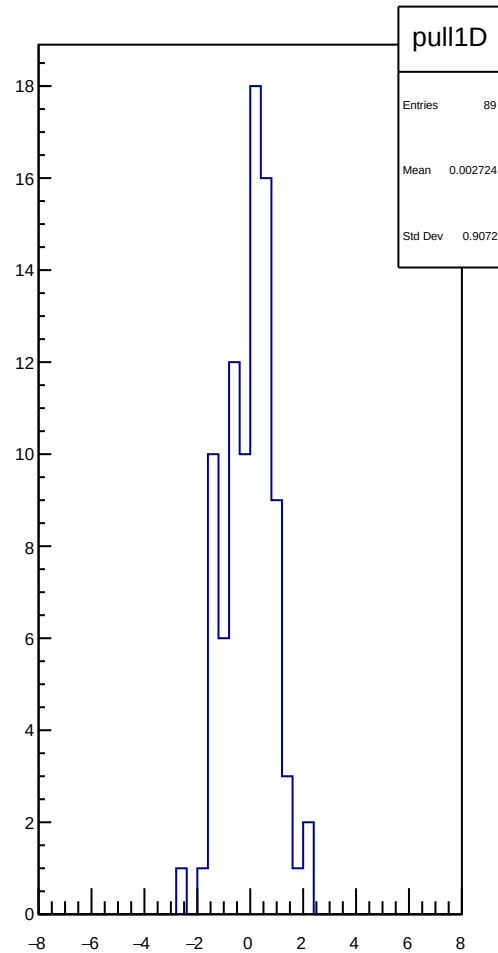
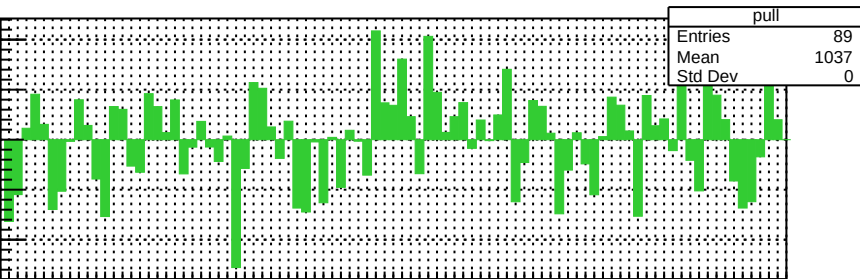
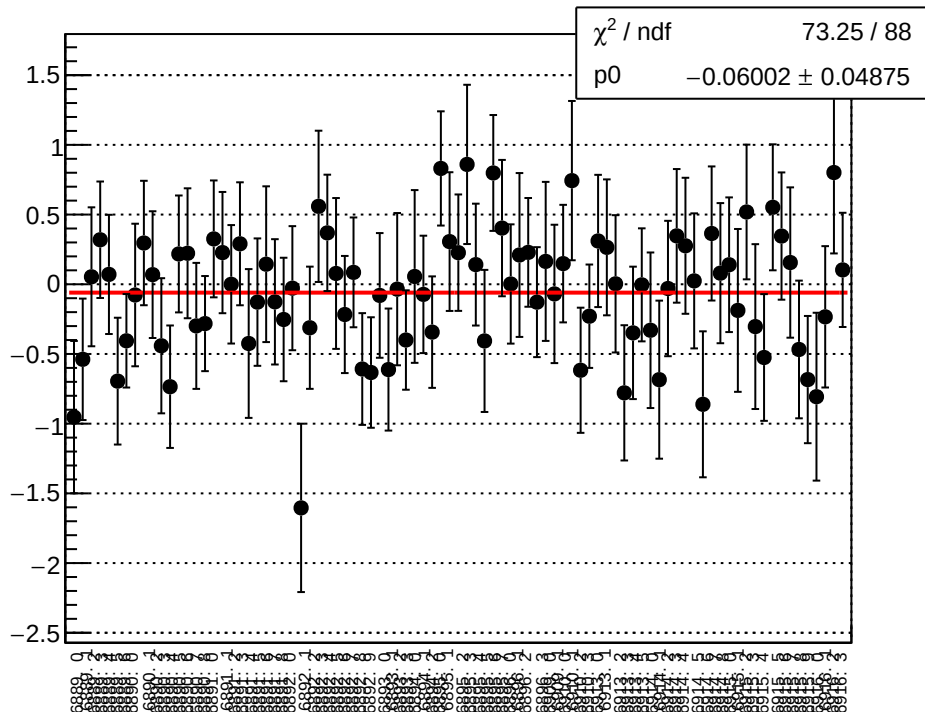
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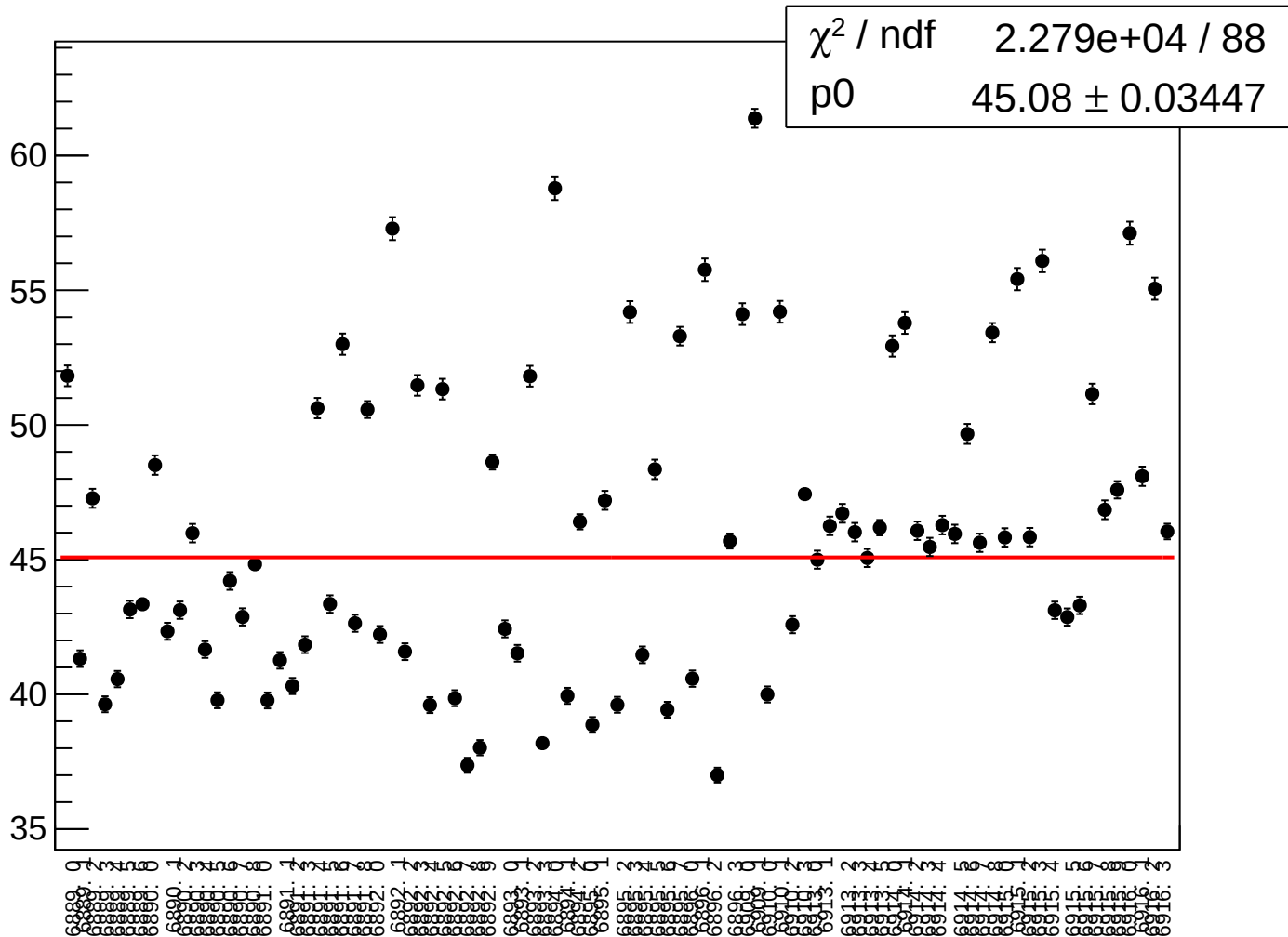
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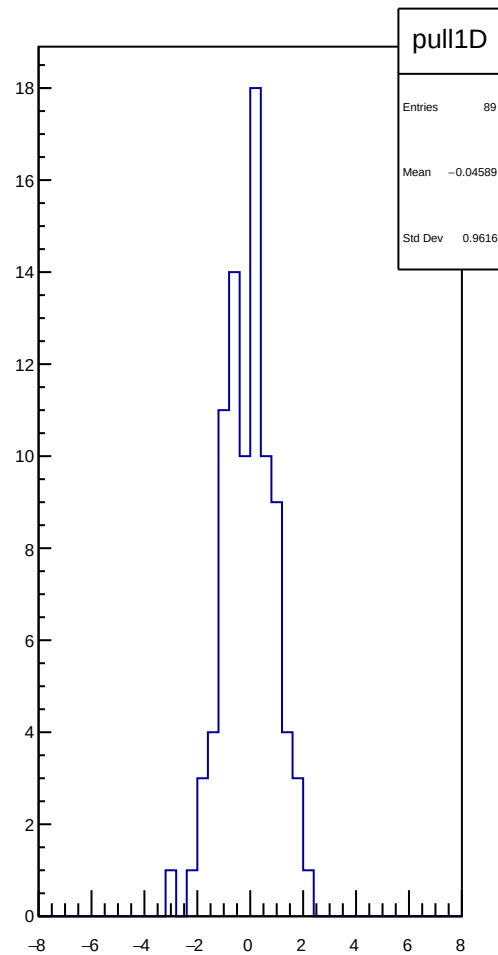
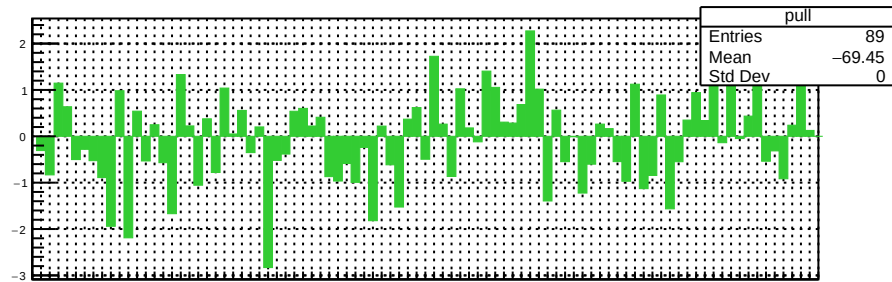
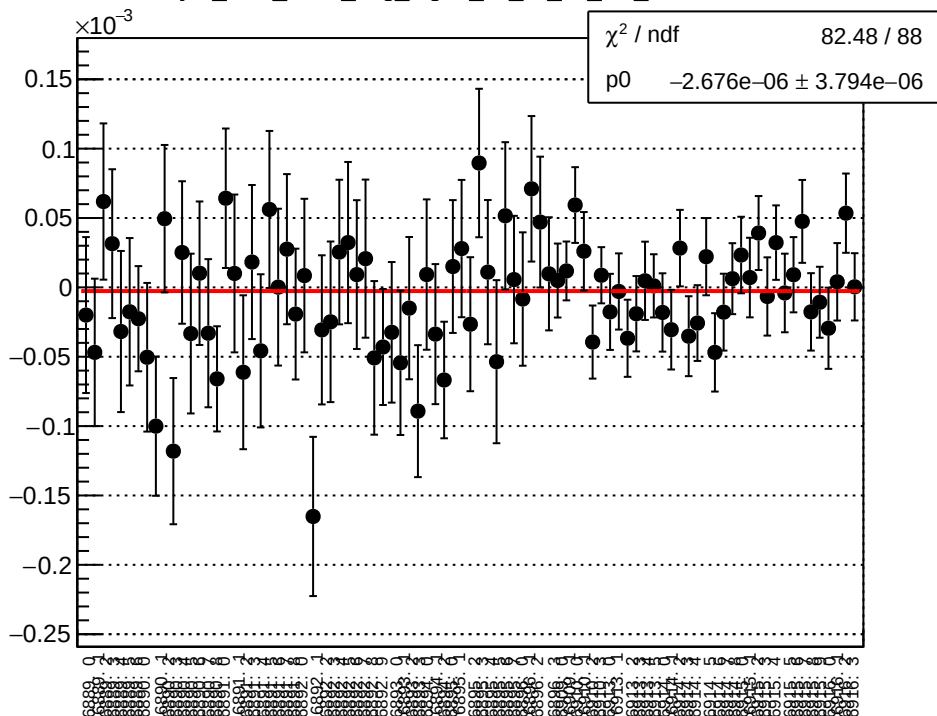
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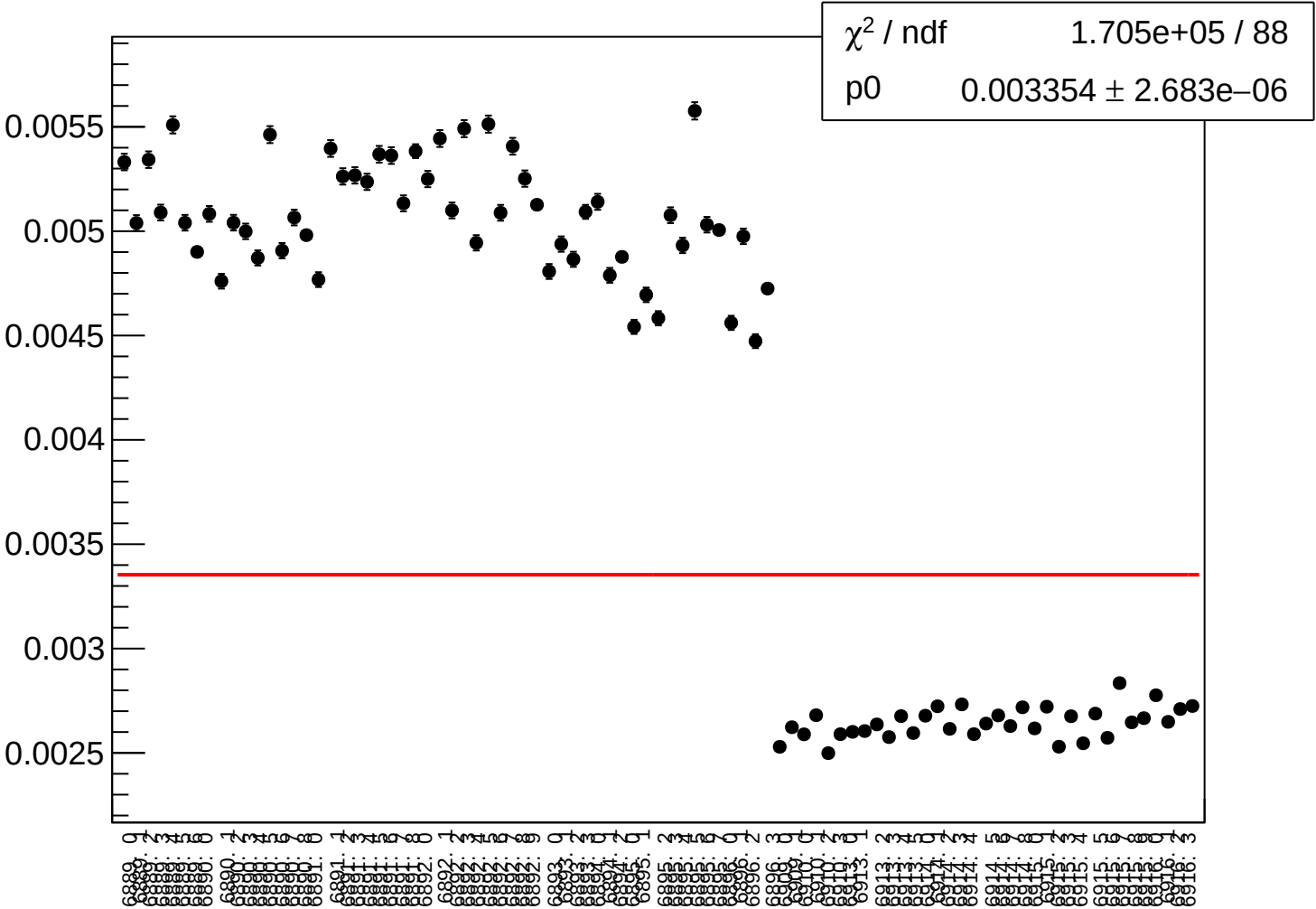
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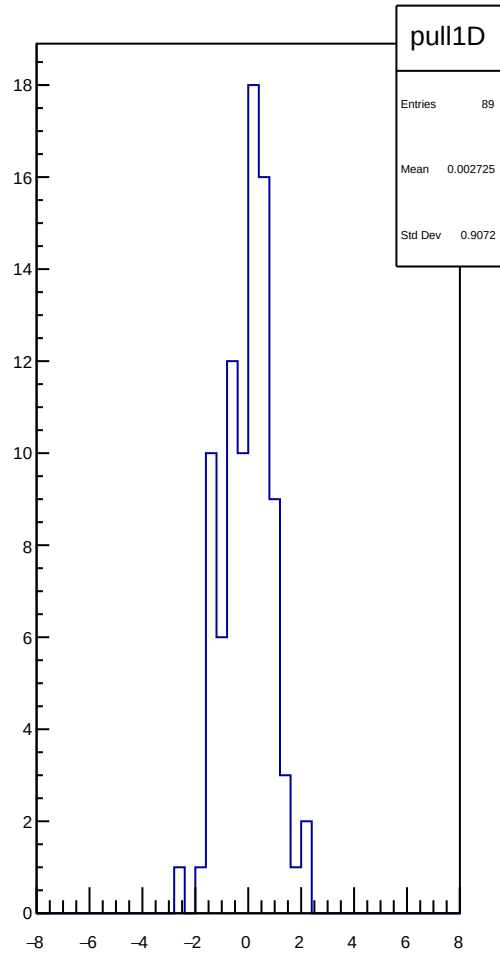
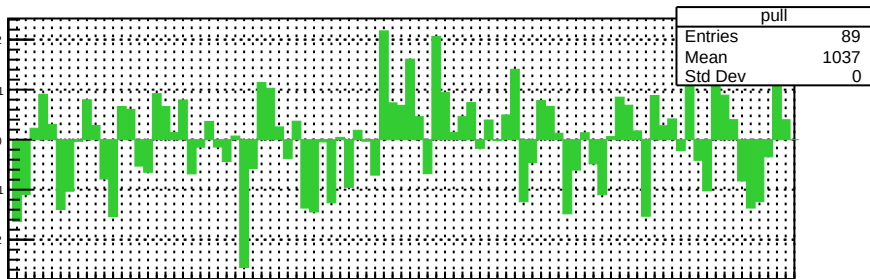
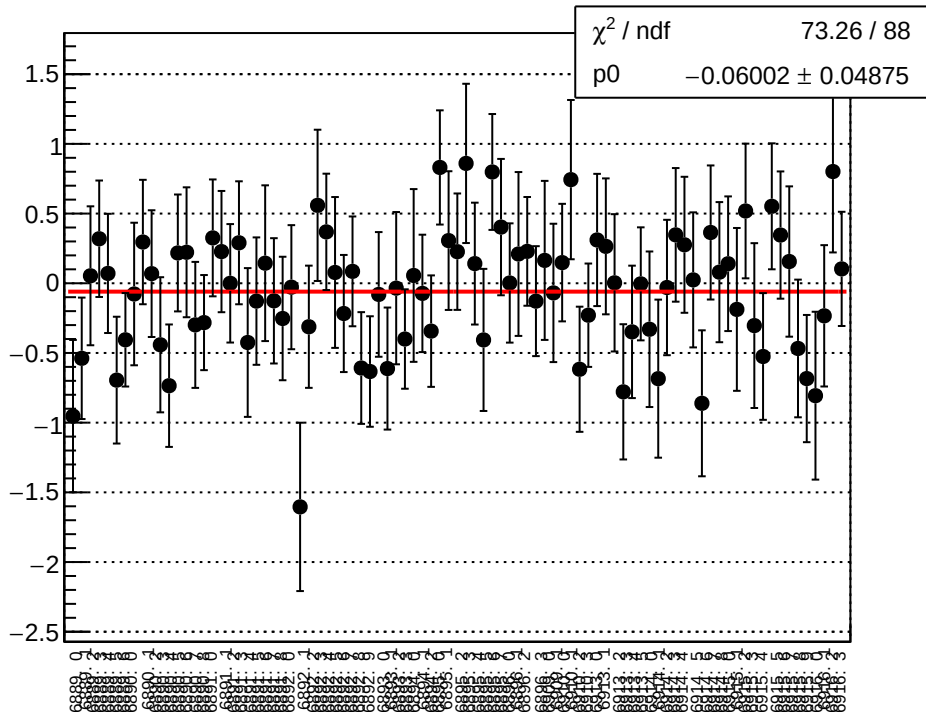
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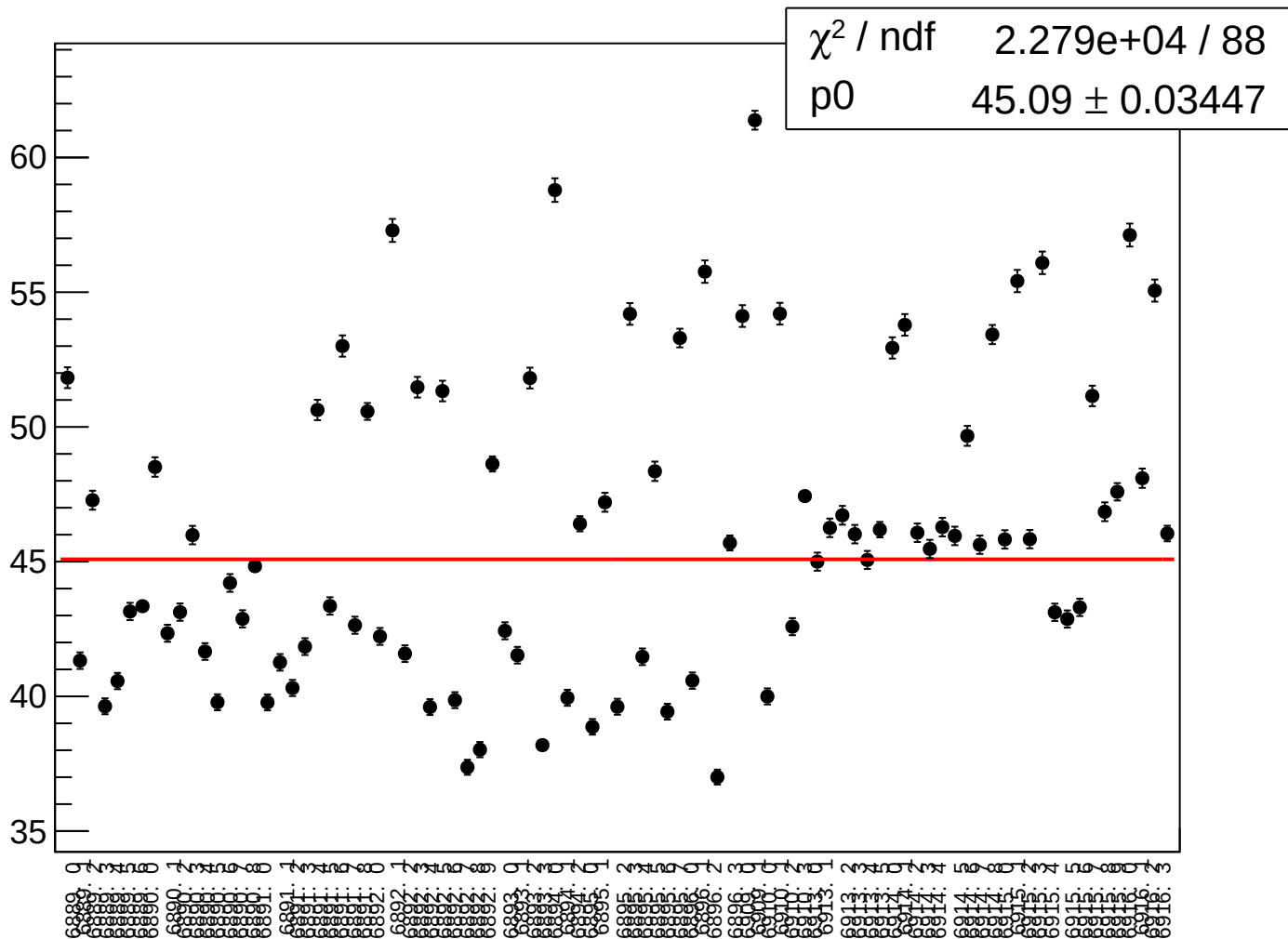
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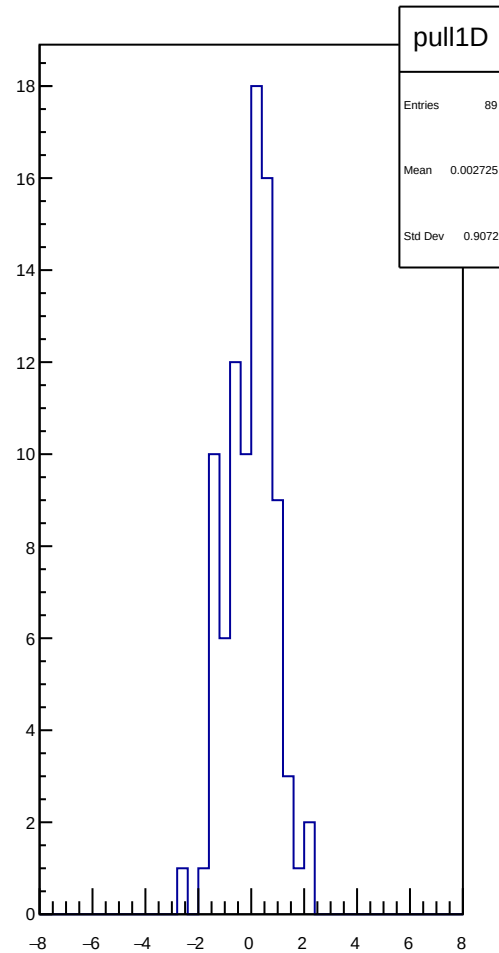
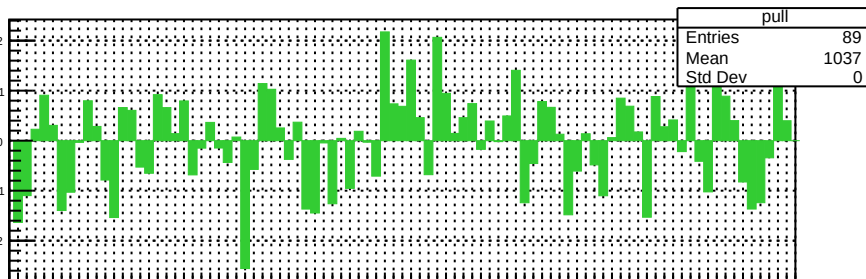
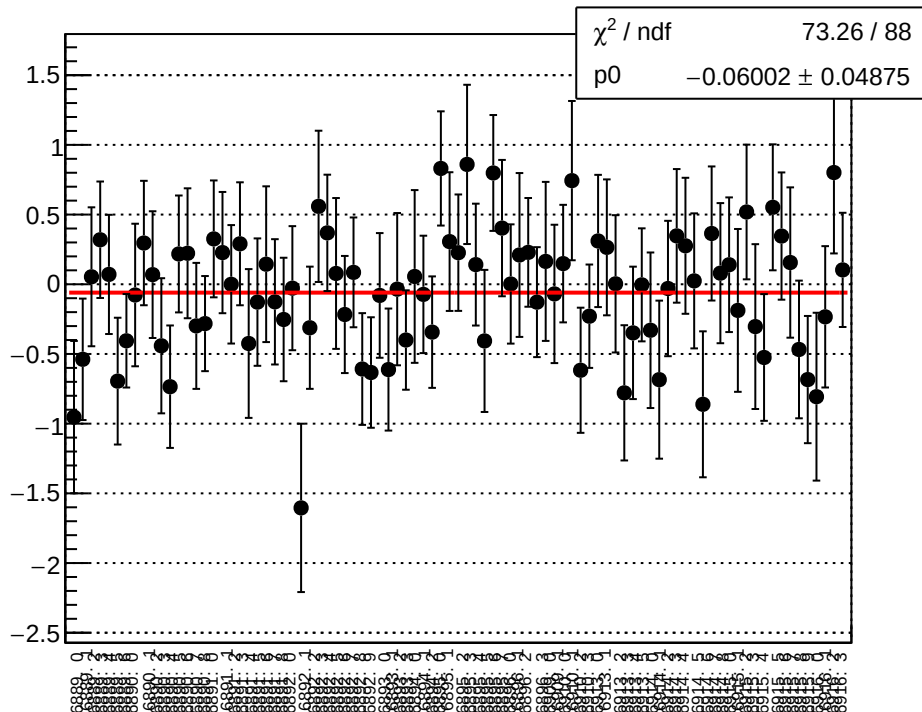
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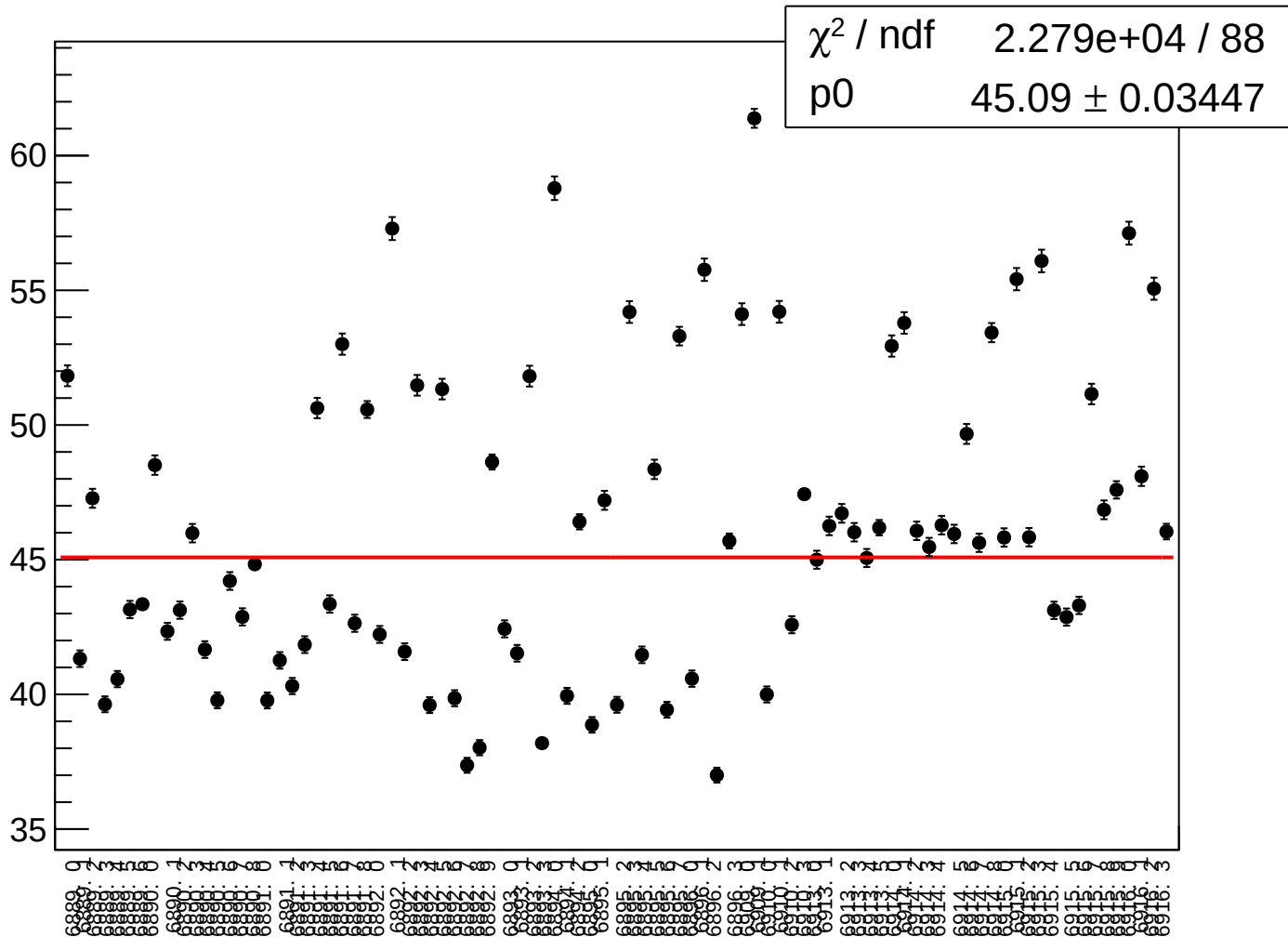
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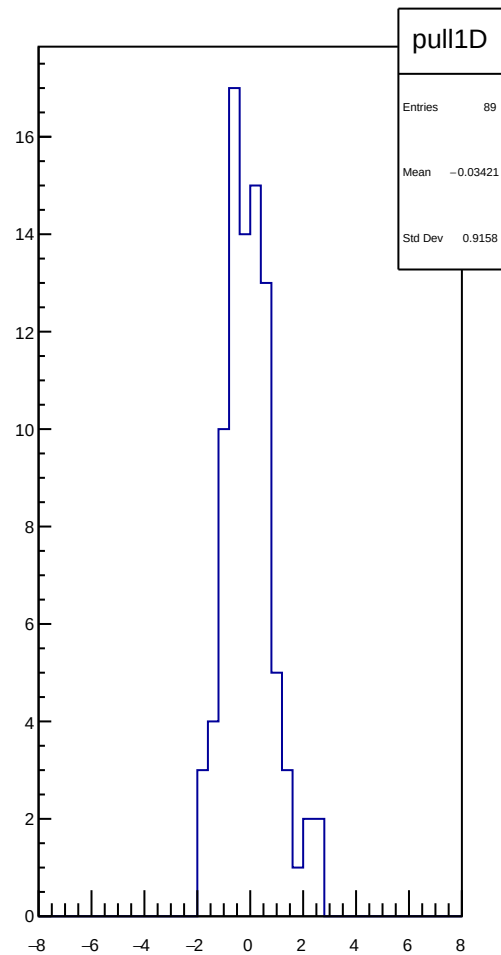
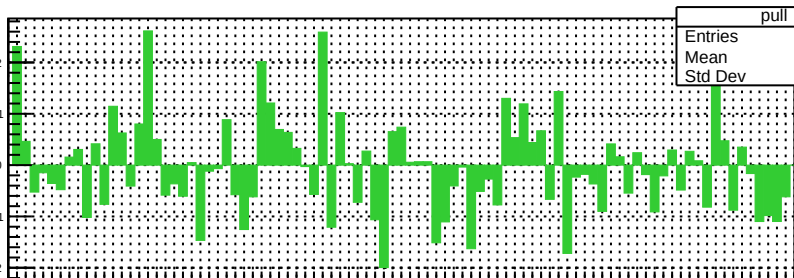
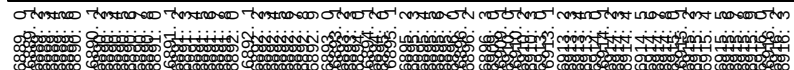
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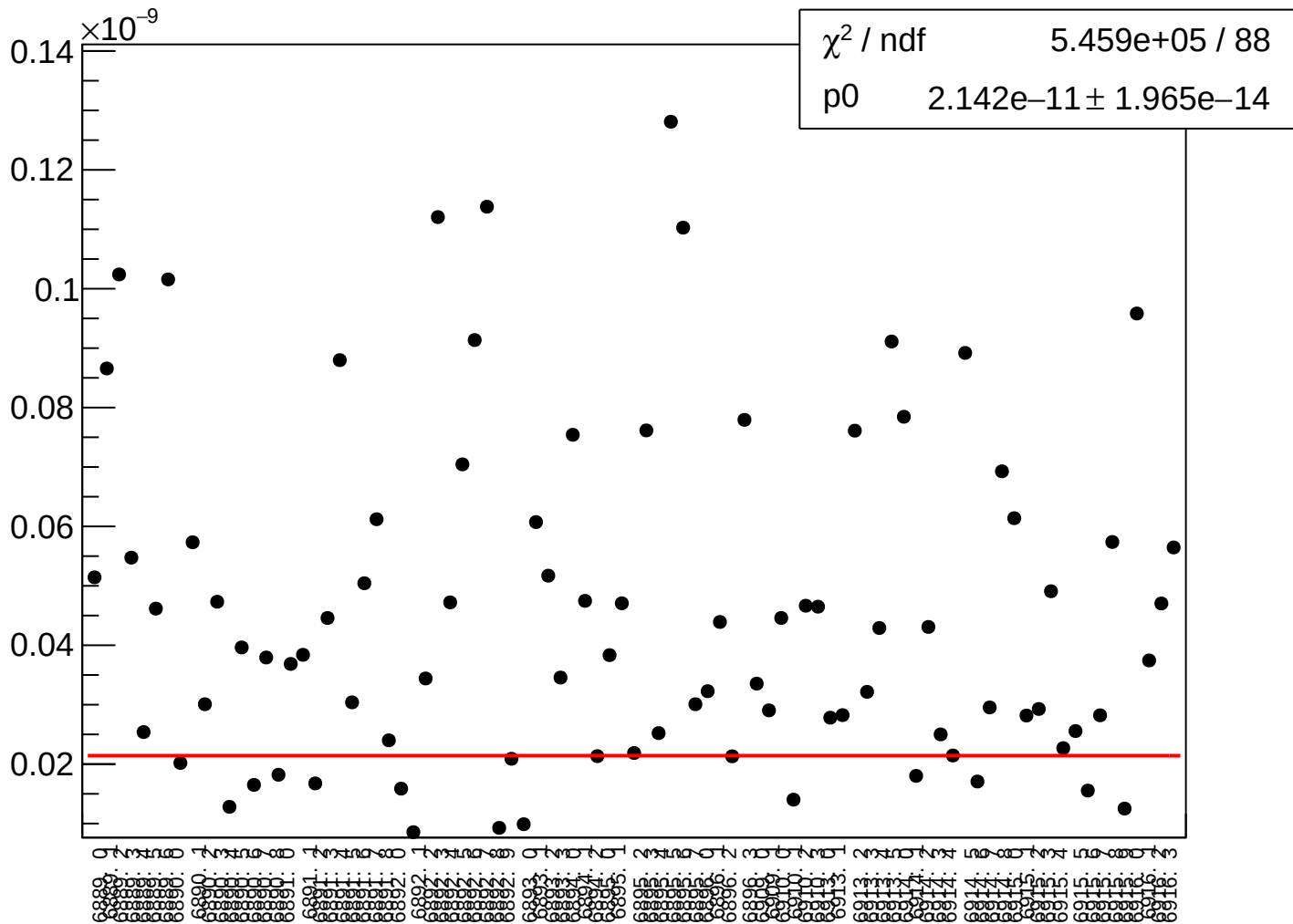
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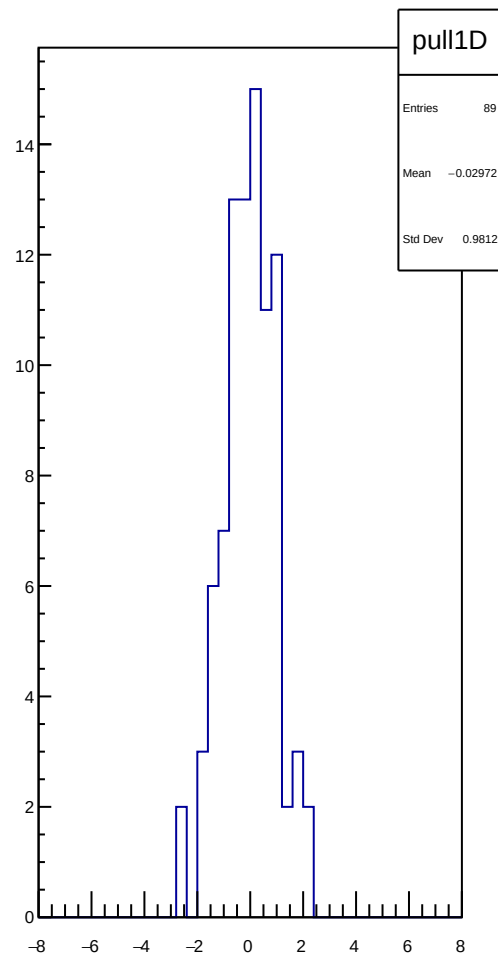
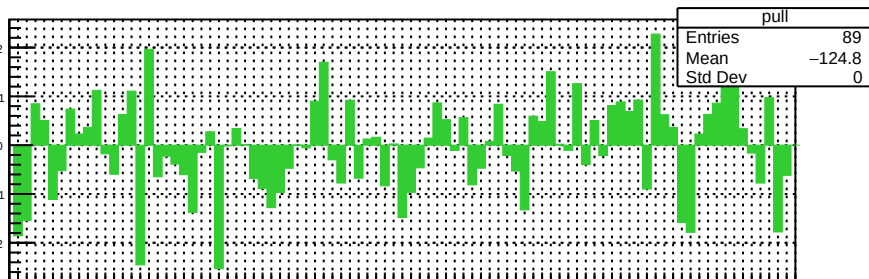
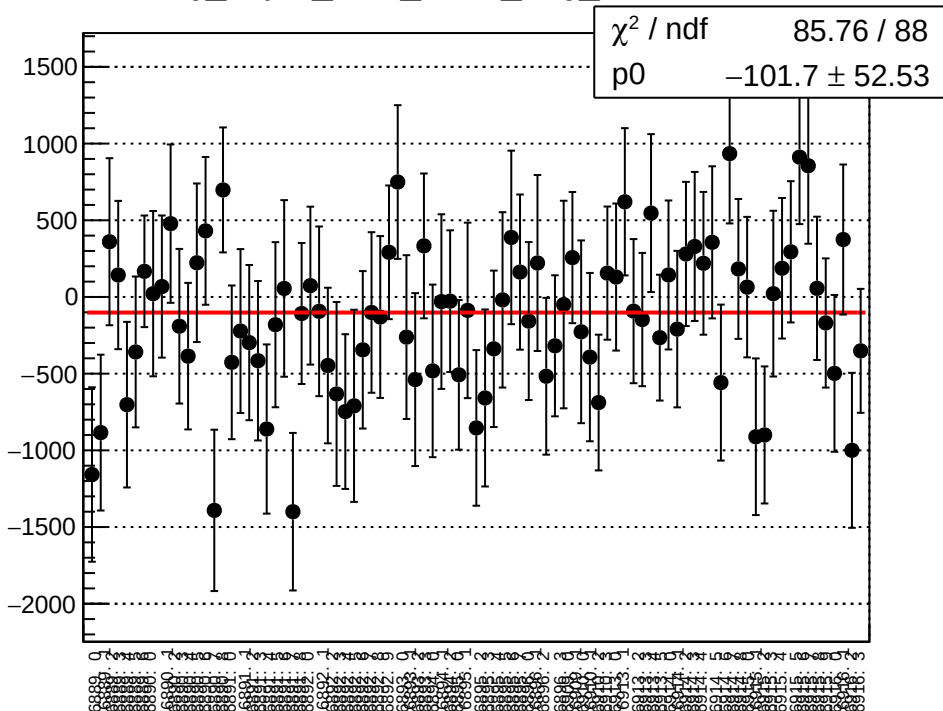
χ^2 / ndf 74.7
 p_0 $2.061\text{e-}14 \pm 2.77\text{e-}14$



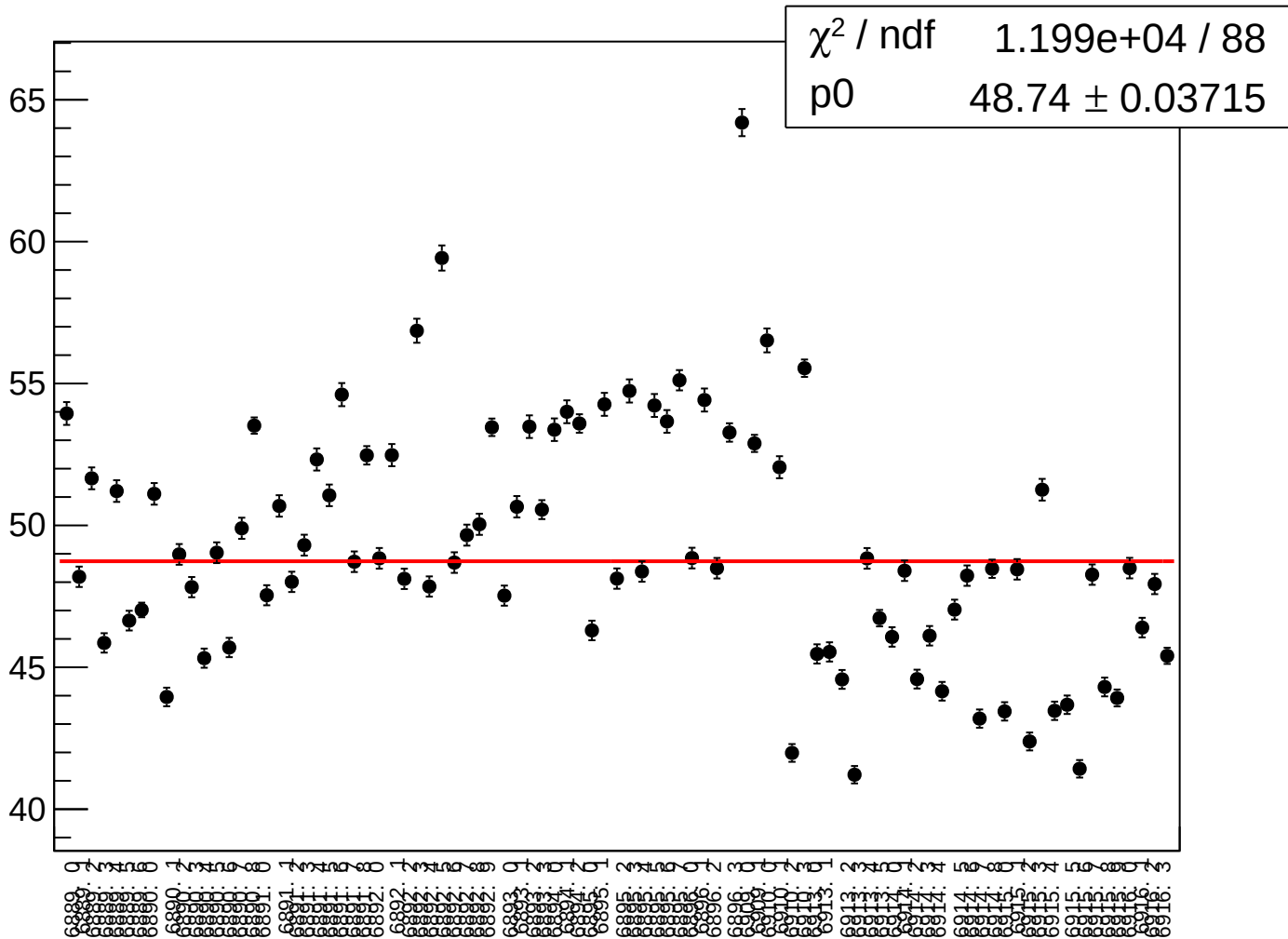
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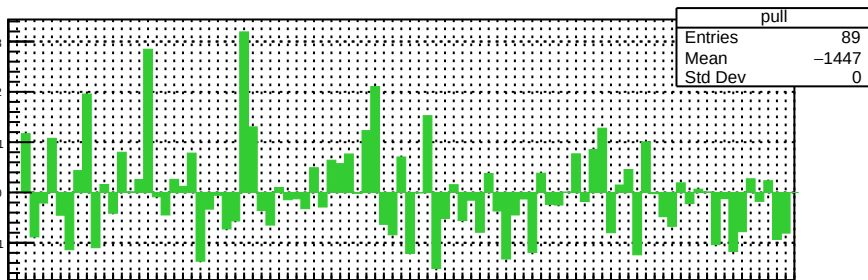
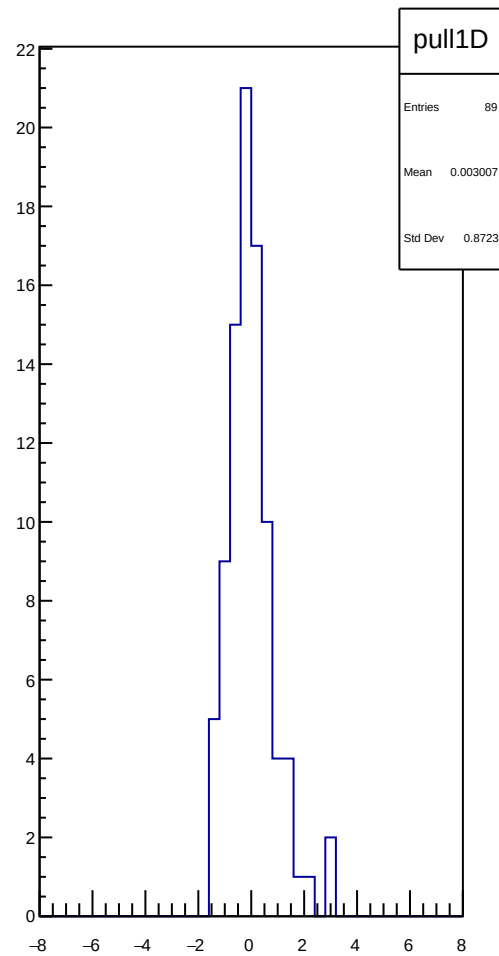
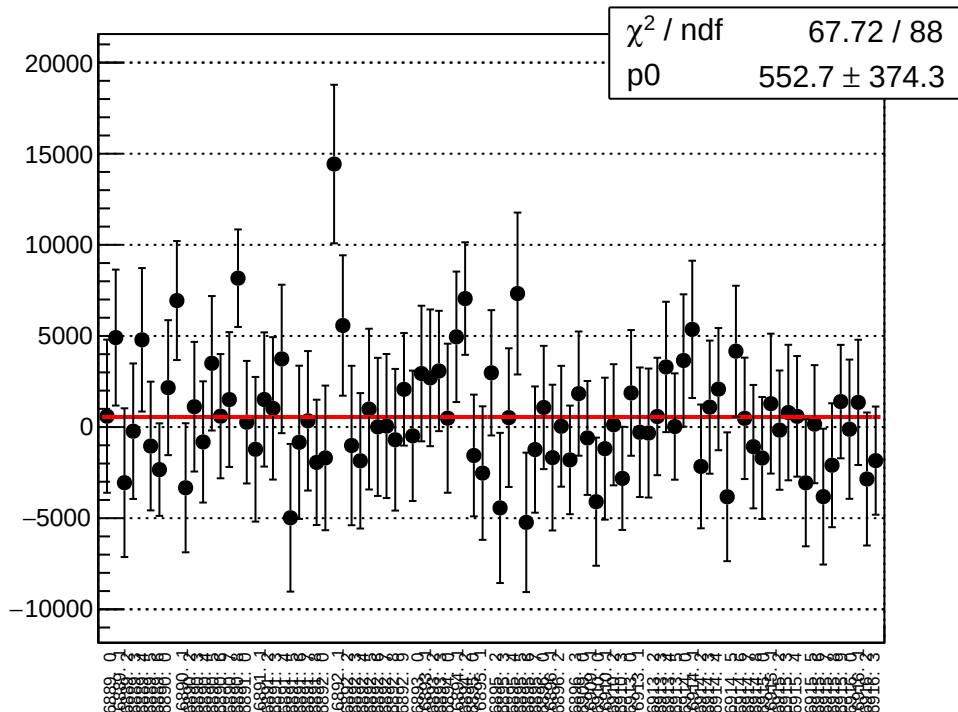
reg_asym_sam_1526_avg_mean vs run



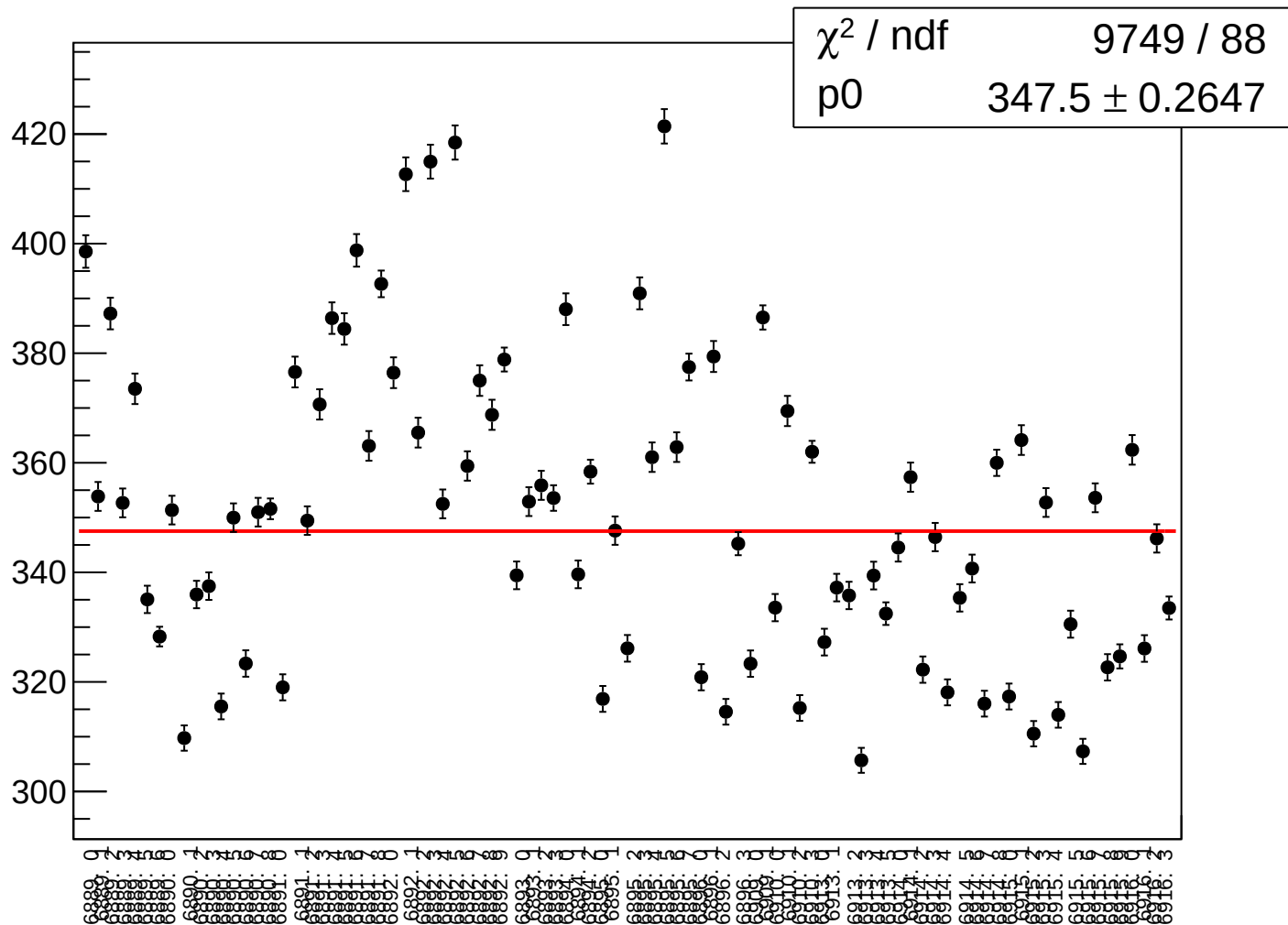
reg_asym_sam_1526_avg_rms vs run



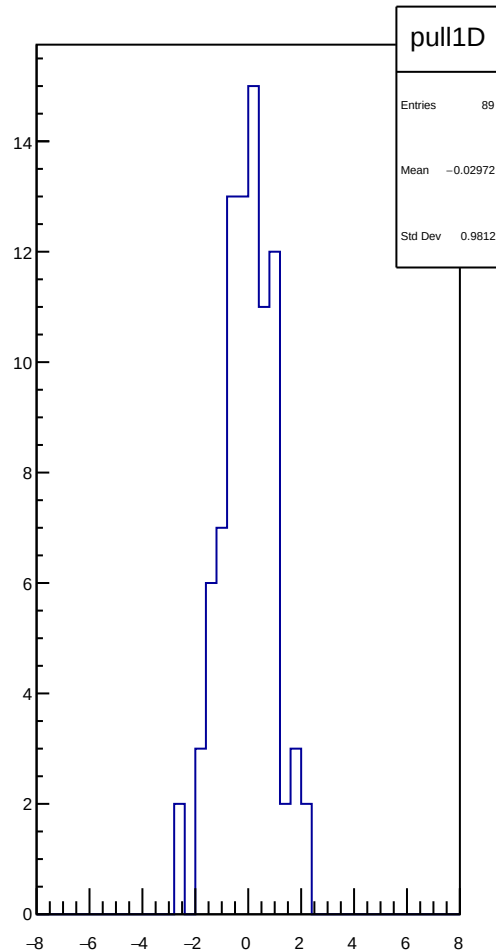
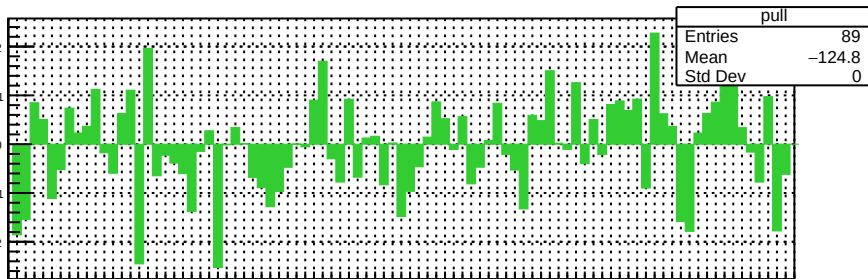
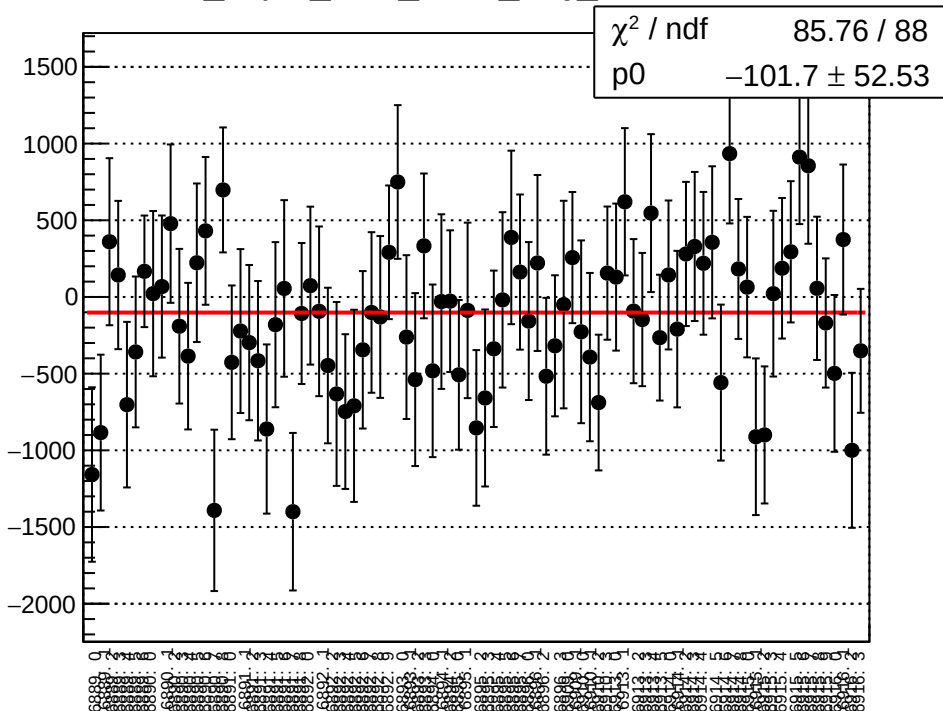
asym_sam_1526_avg_reg_correction_mean vs run



asym_sam_1526_avg_reg_correction_rms vs run

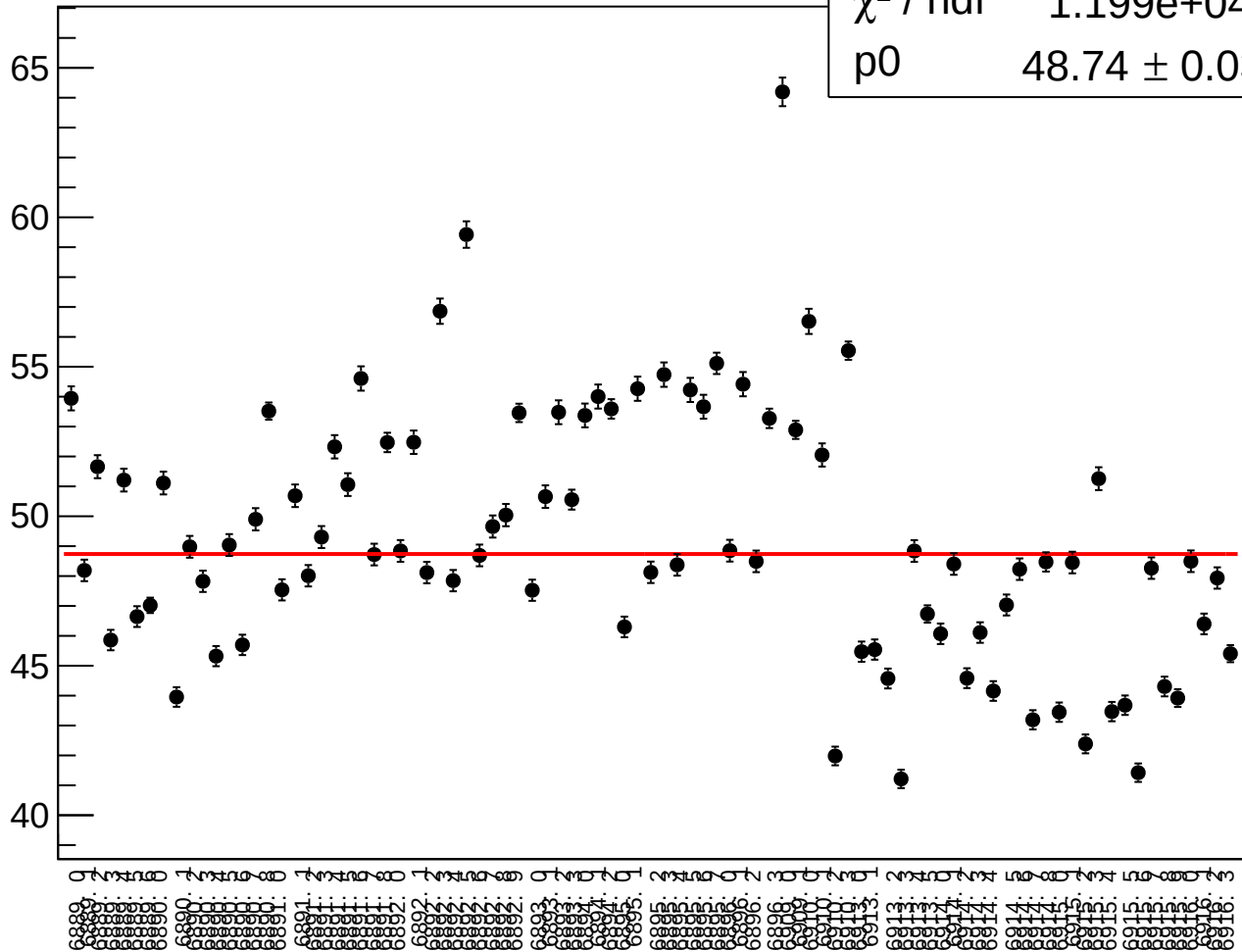


cor_asym_sam_1526_avg_mean vs run

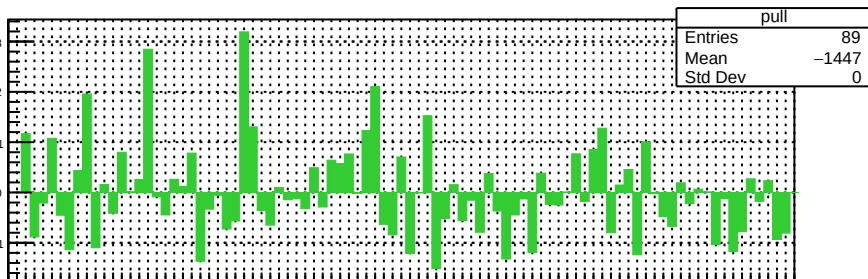
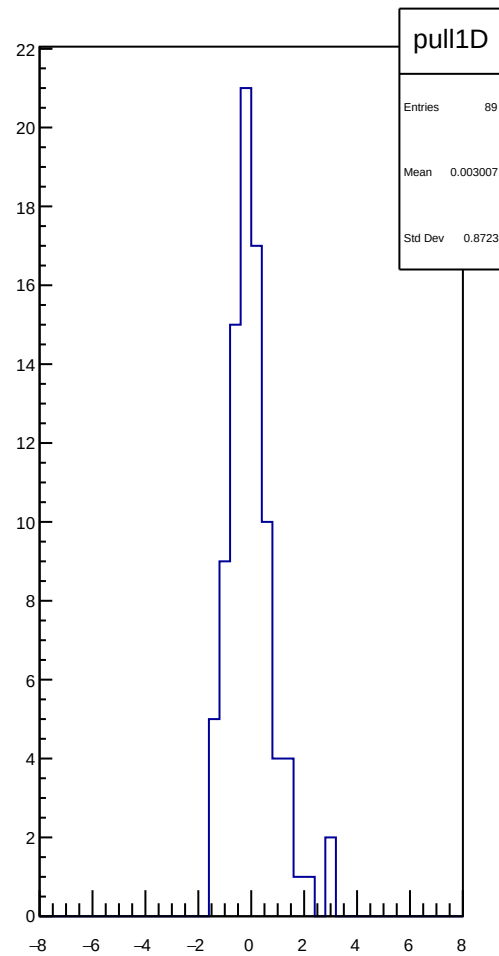
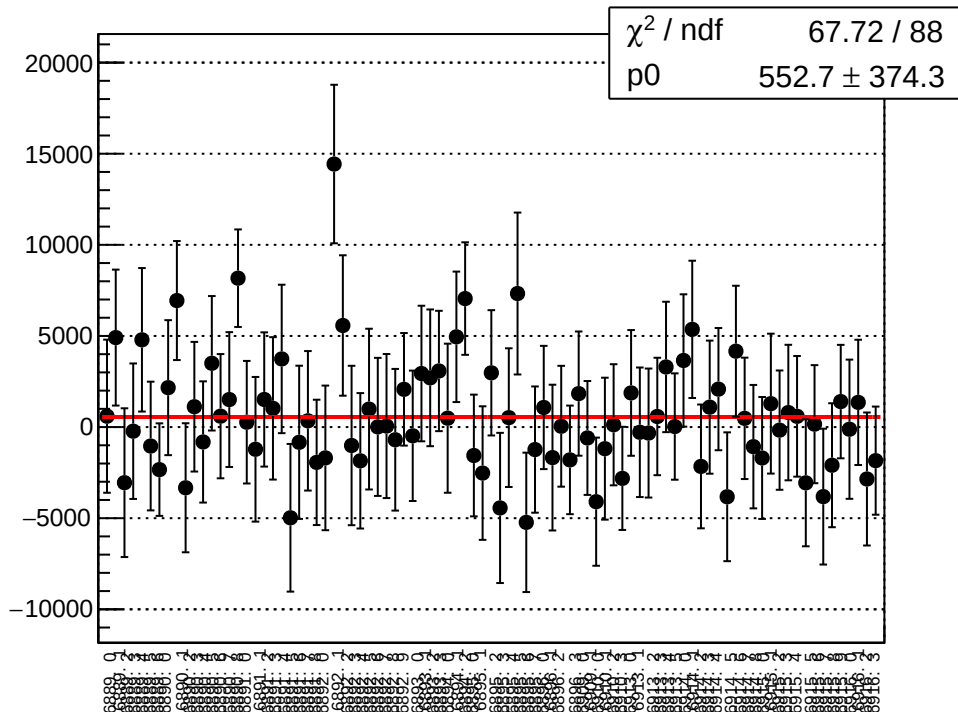


cor_asym_sam_1526_avg_rms vs run

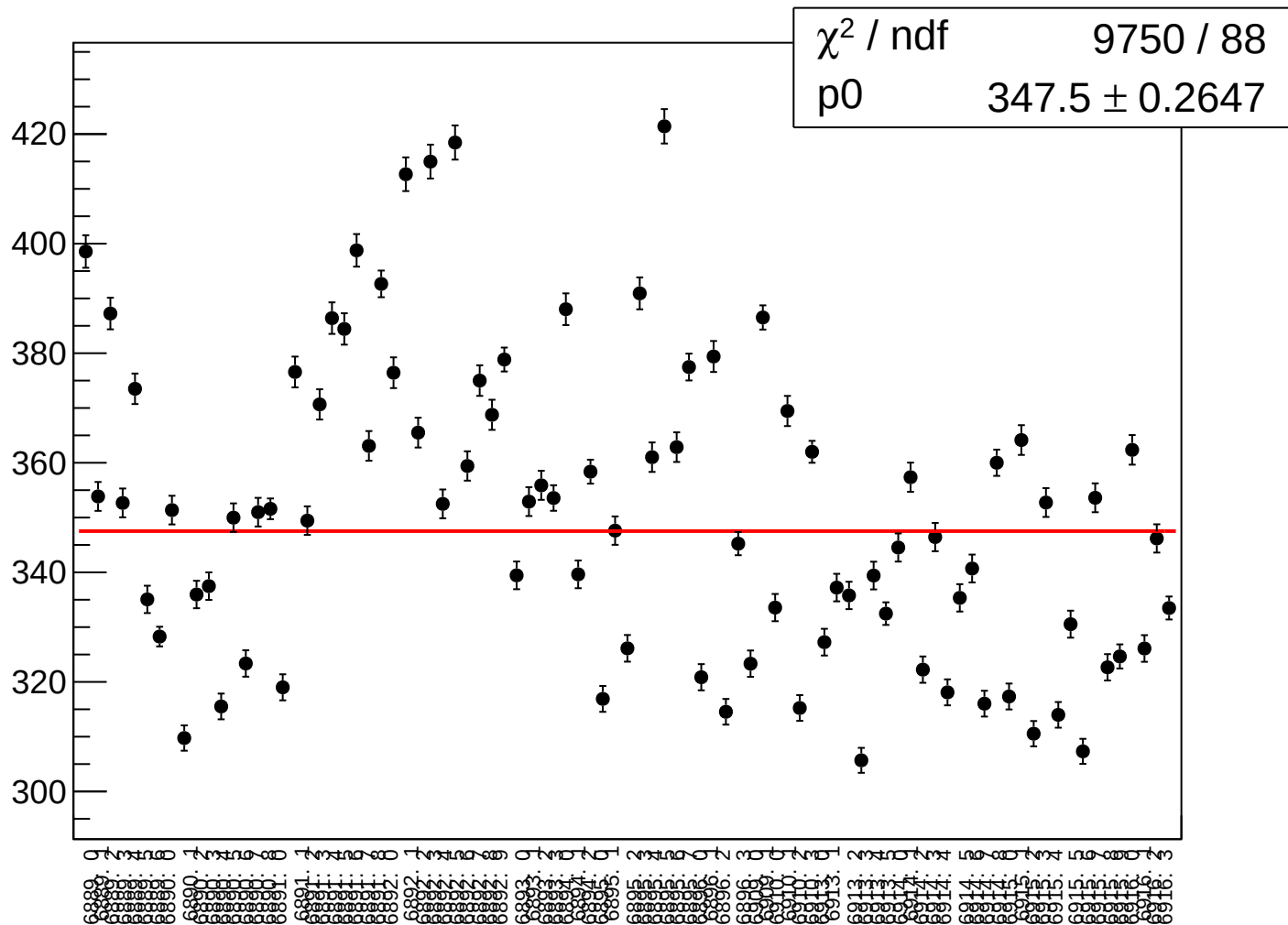
χ^2 / ndf 1.199e+04 / 88
p0 48.74 ± 0.03715



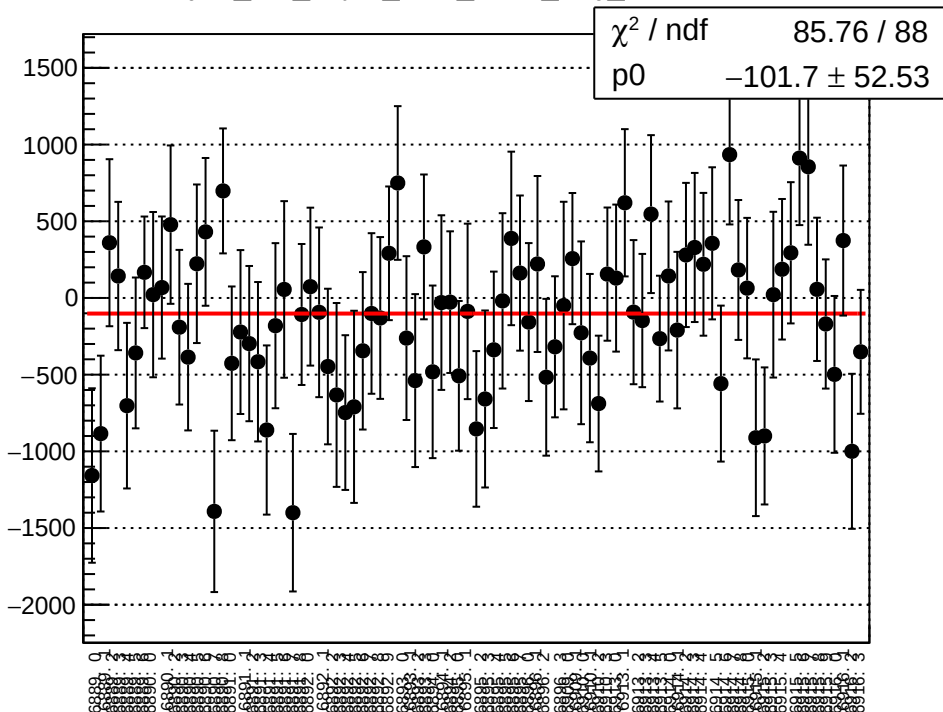
asym_sam_1526_avg_cor_correction_mean vs run



asym_sam_1526_avg_cor_correction_rms vs run

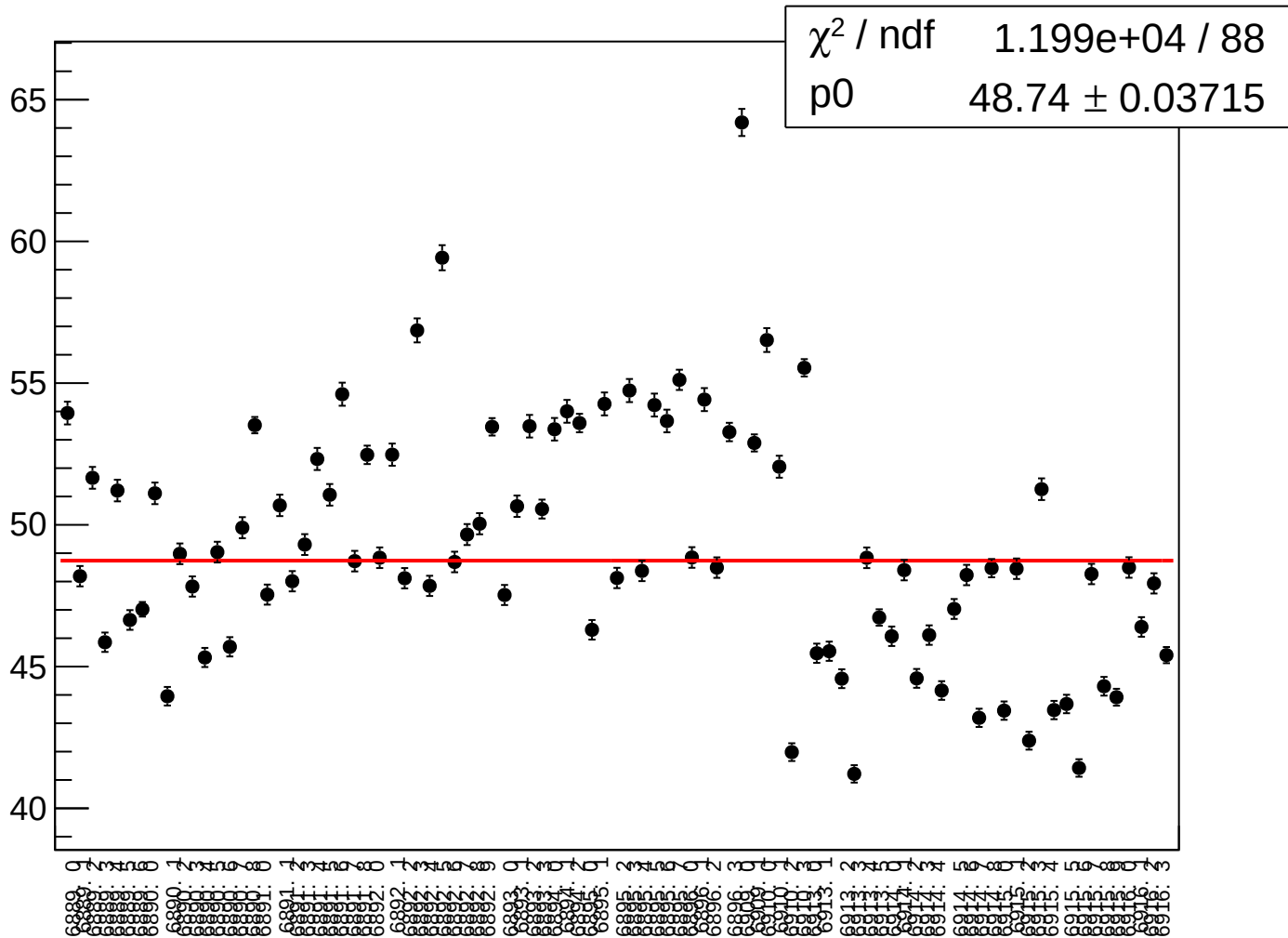


eigen_cor_asym_sam_1526_avg_mean vs run

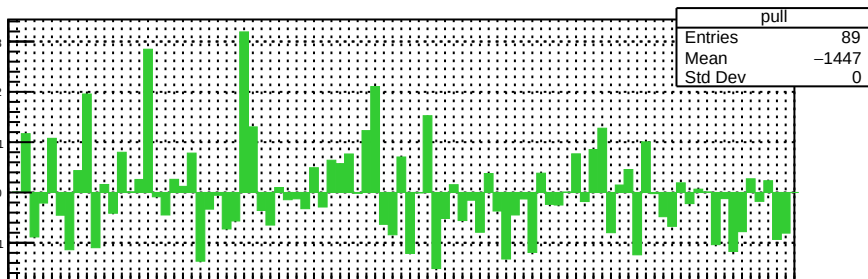
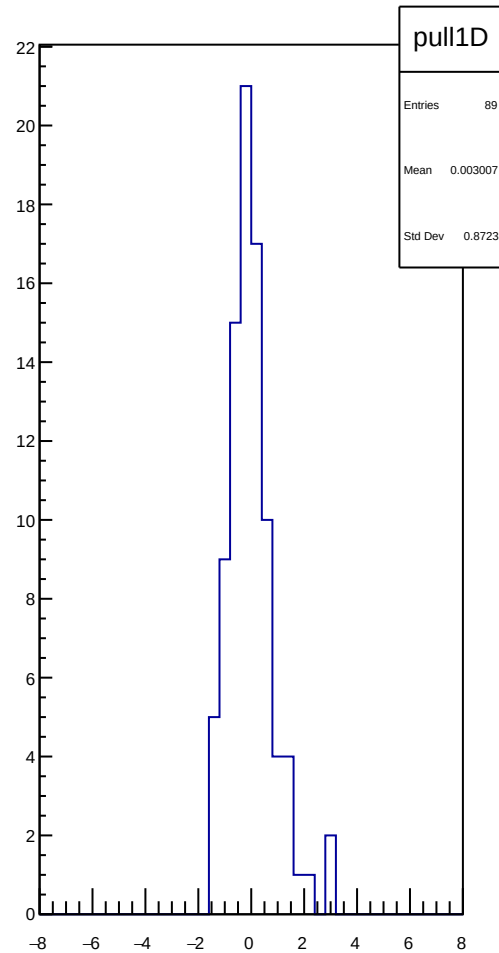
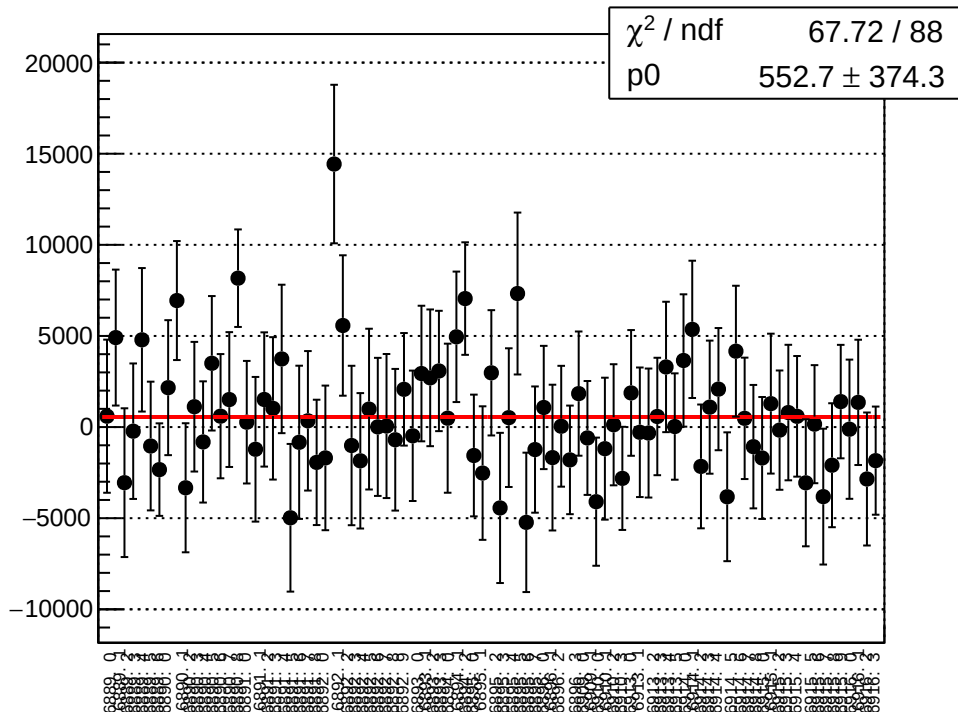


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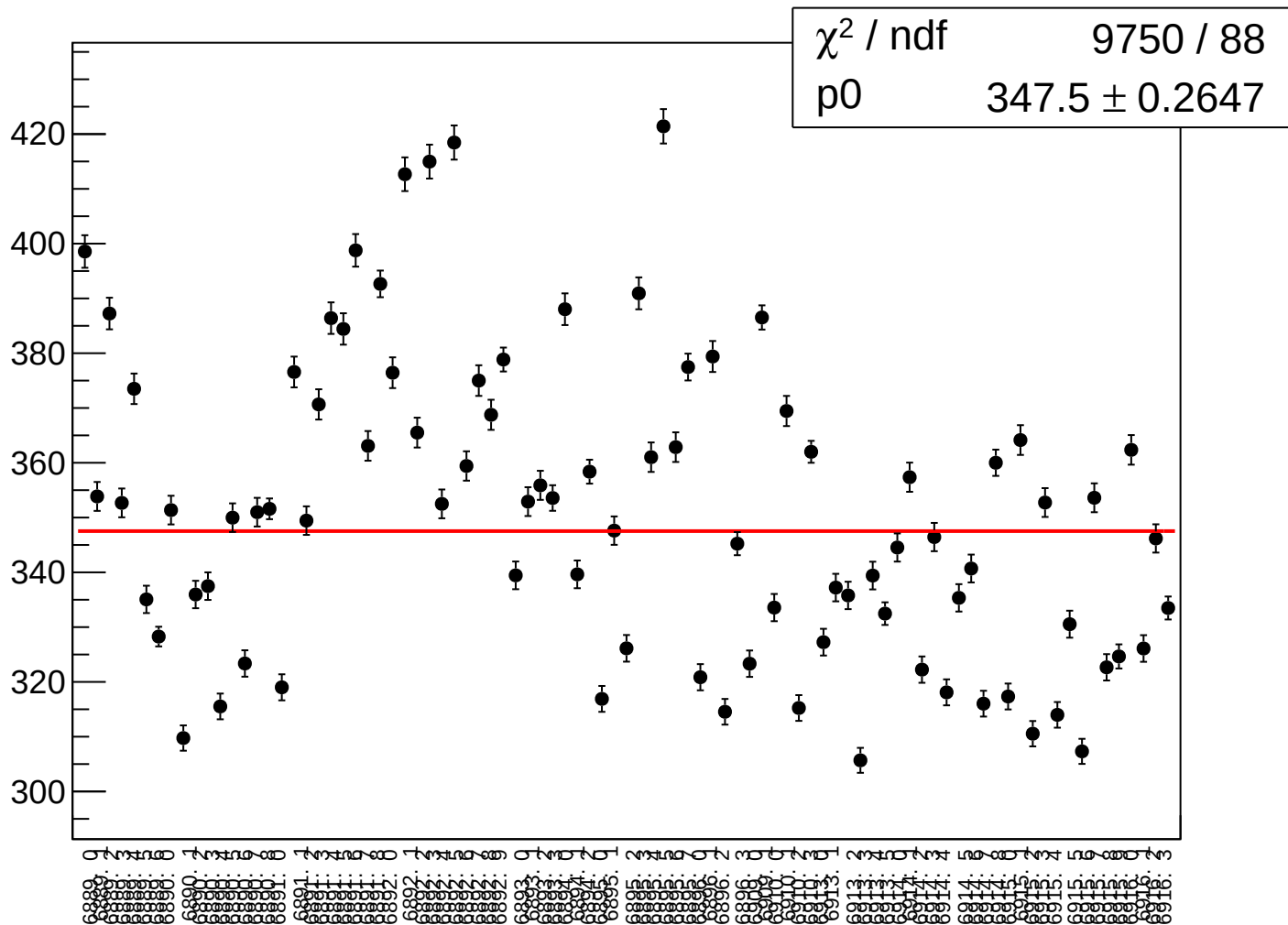
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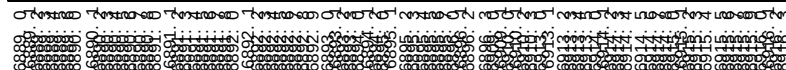
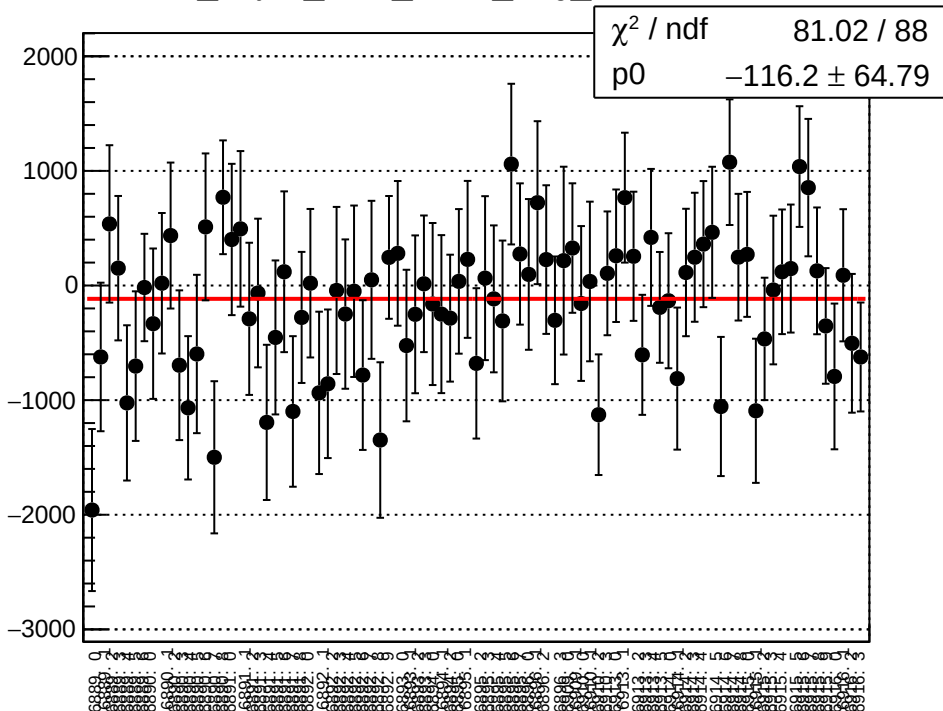
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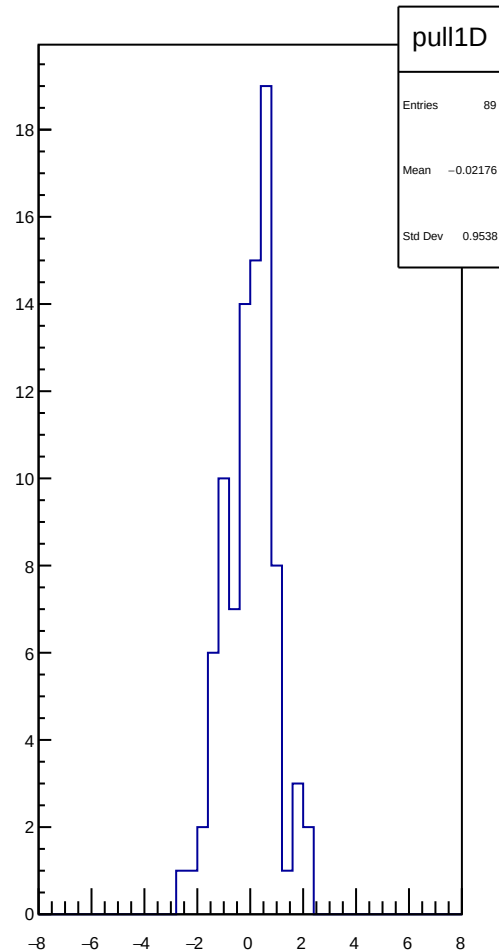
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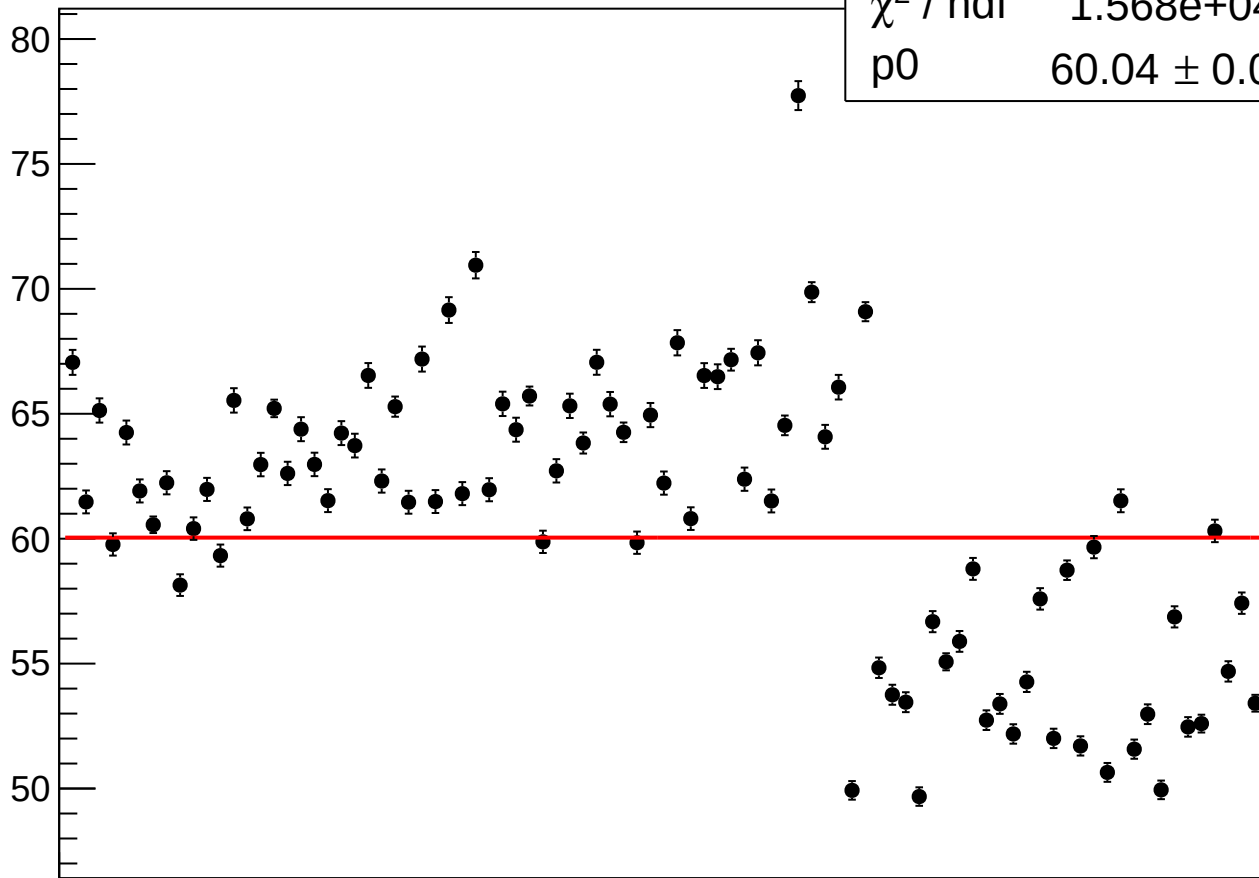


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Mean	-214.4
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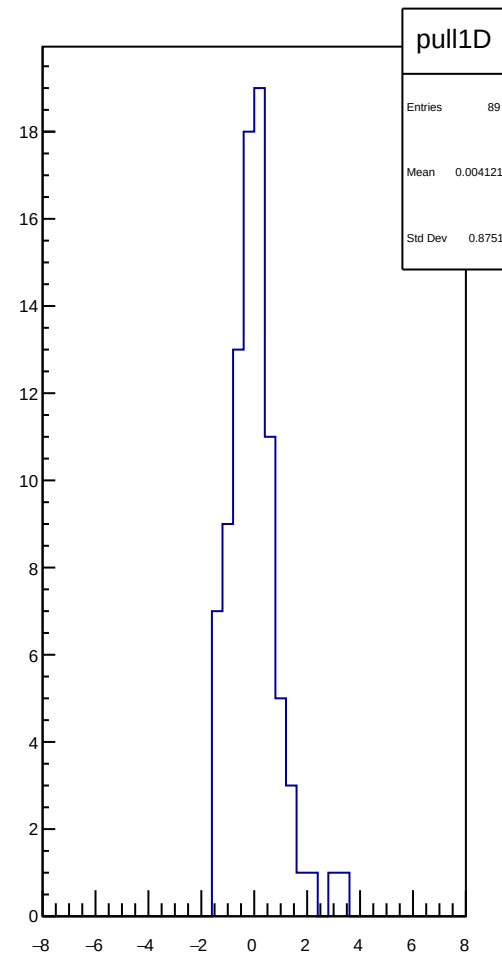
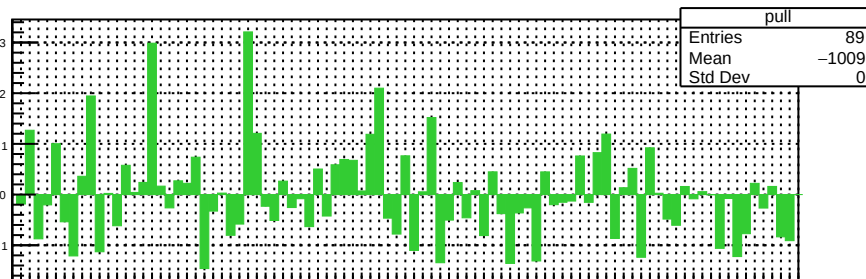
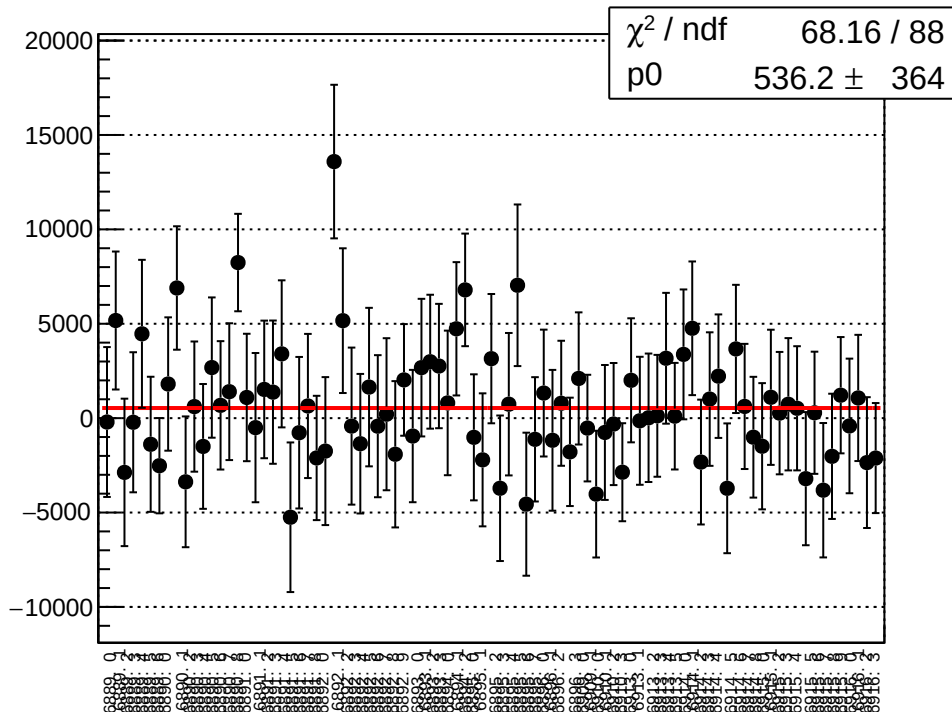
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χ^2 / ndf 1.568e+04 / 88
p0 60.04 ± 0.04581

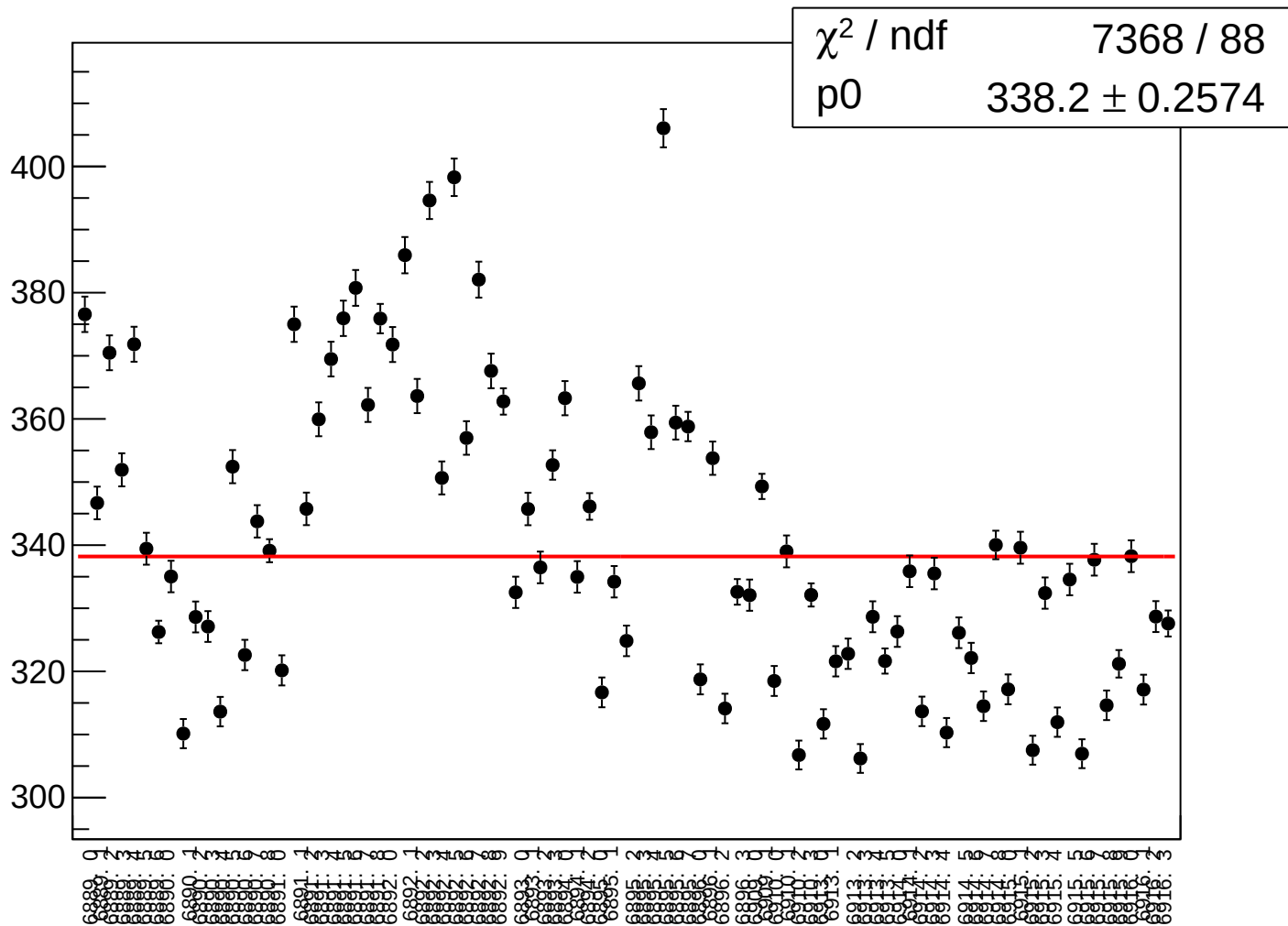


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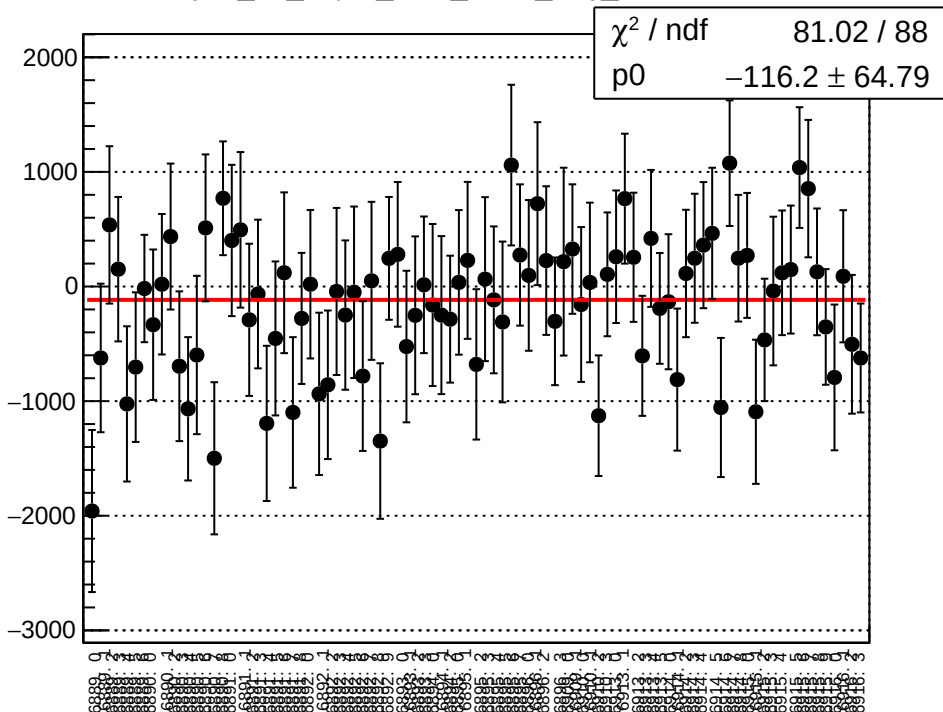
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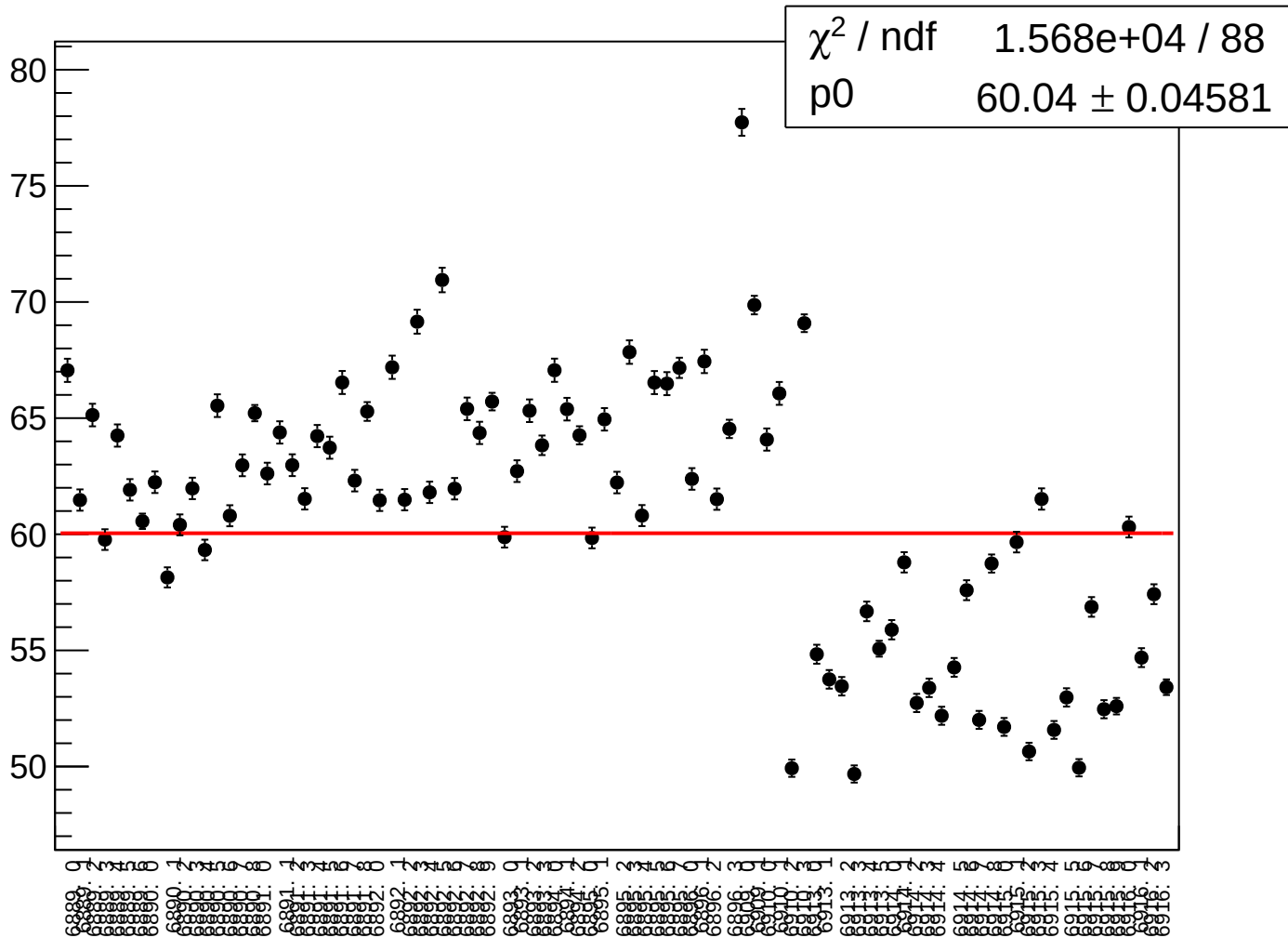


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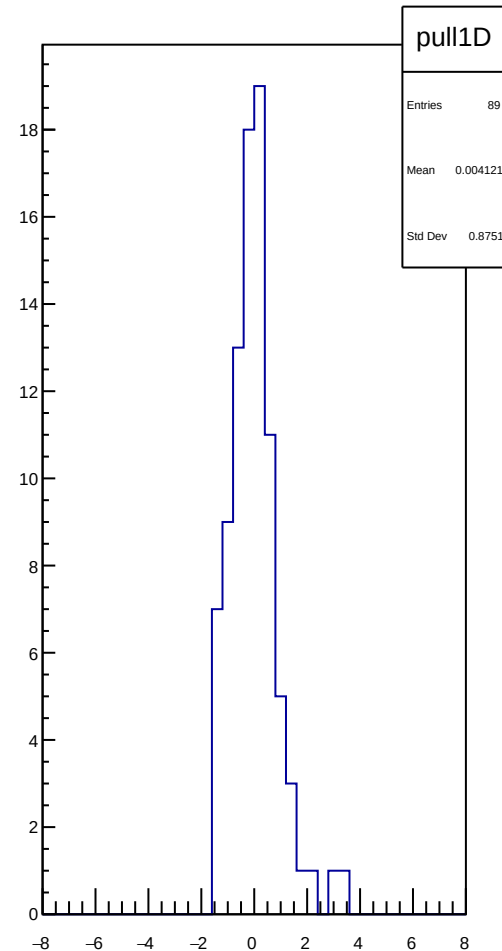
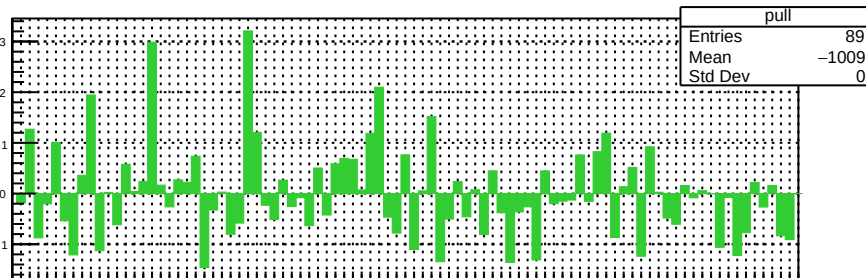
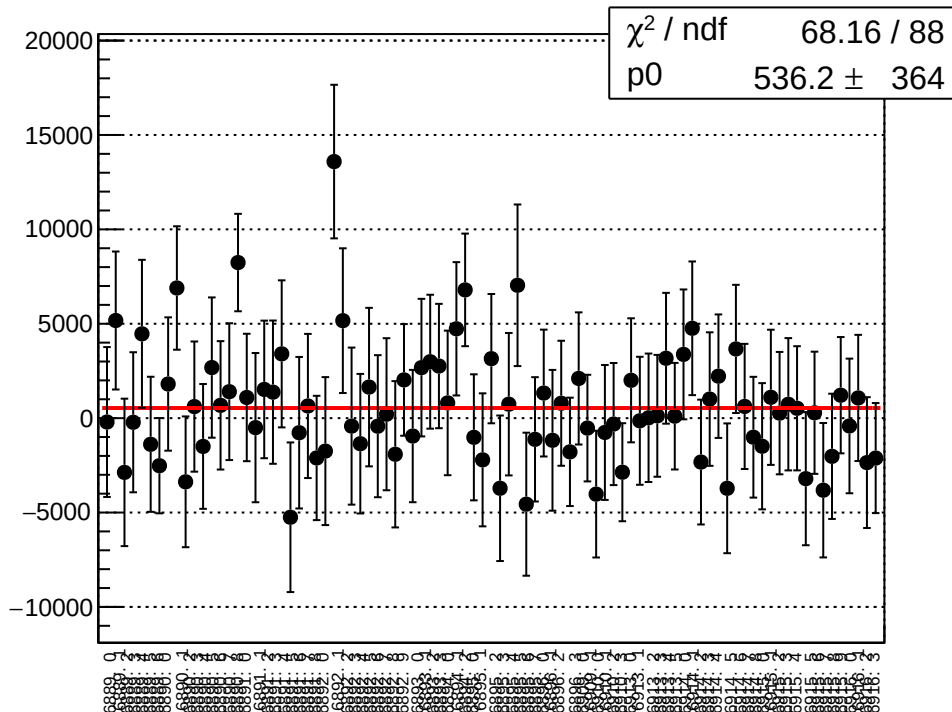


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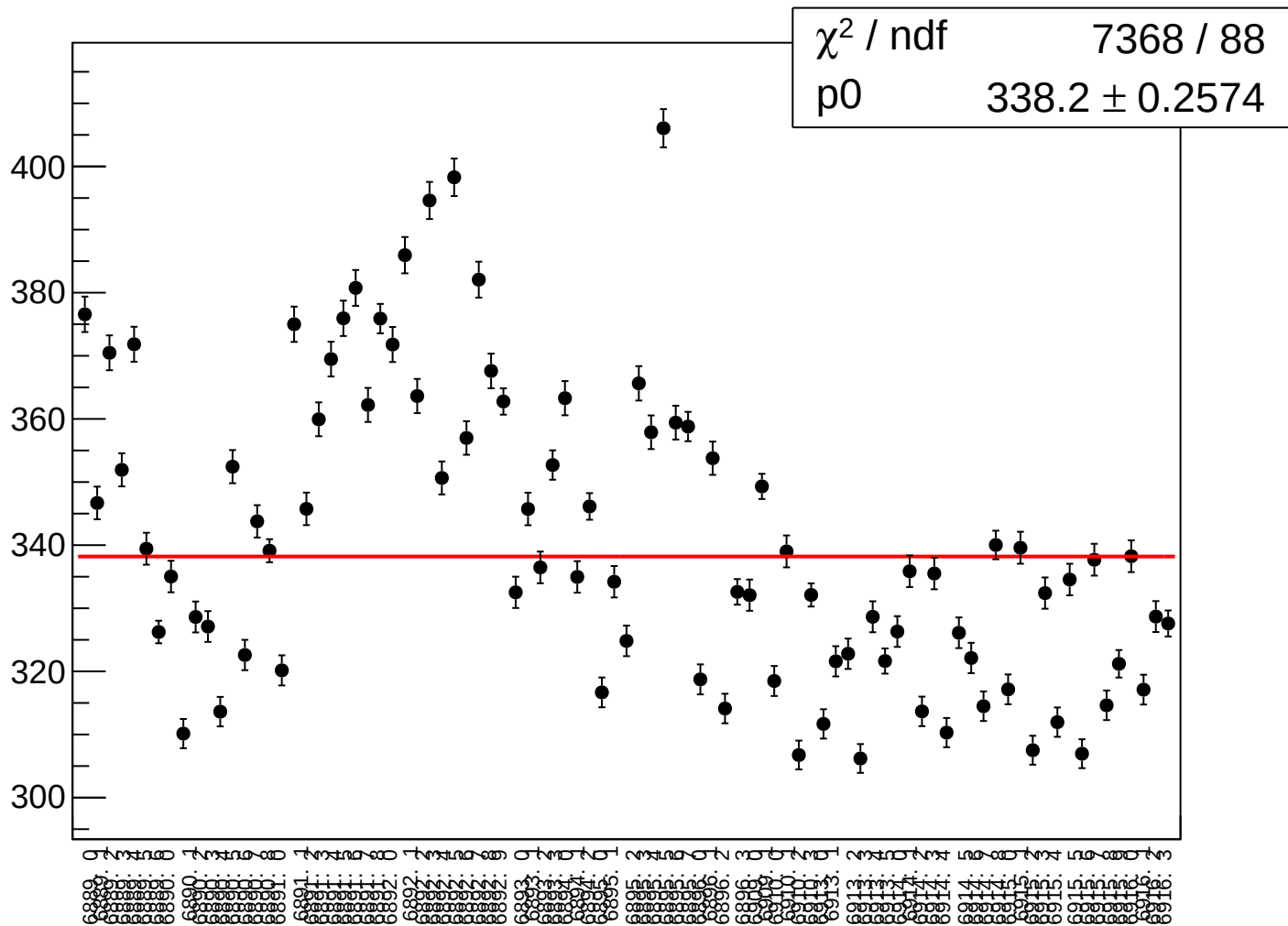
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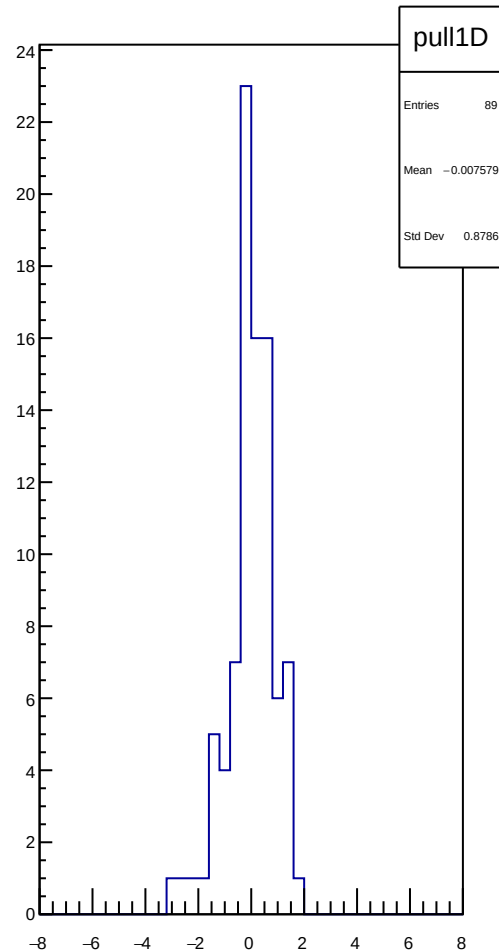
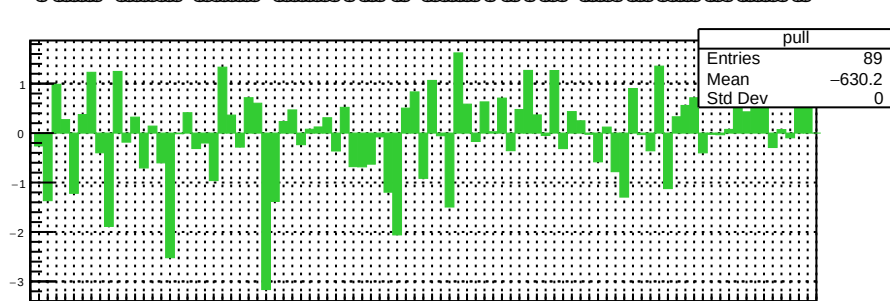
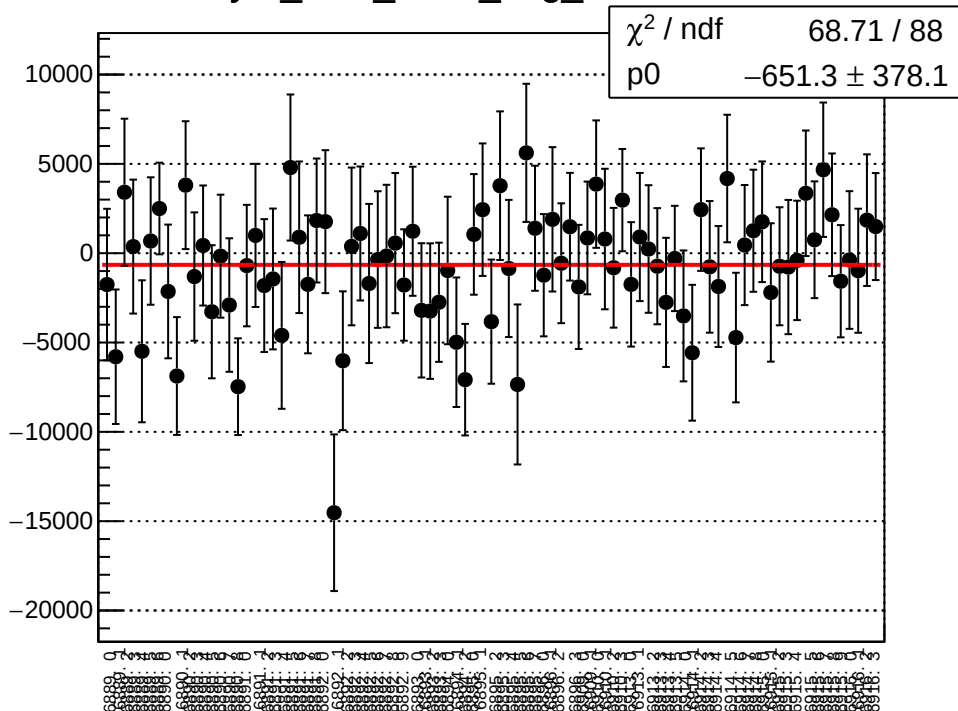
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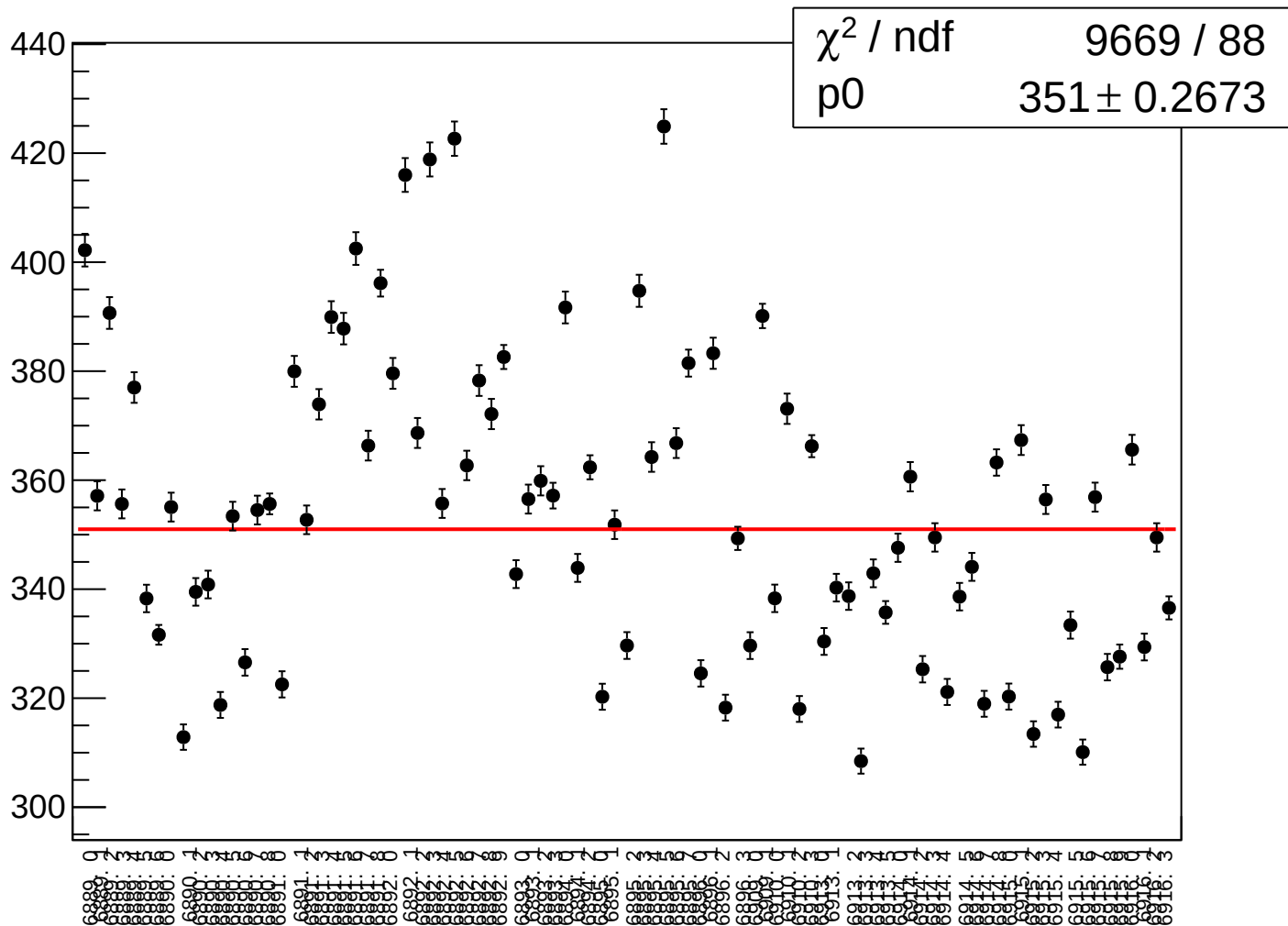
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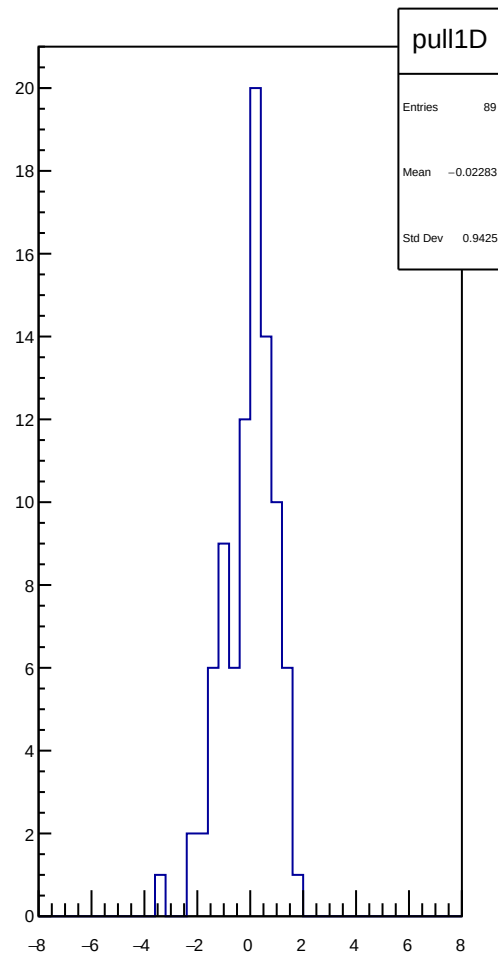
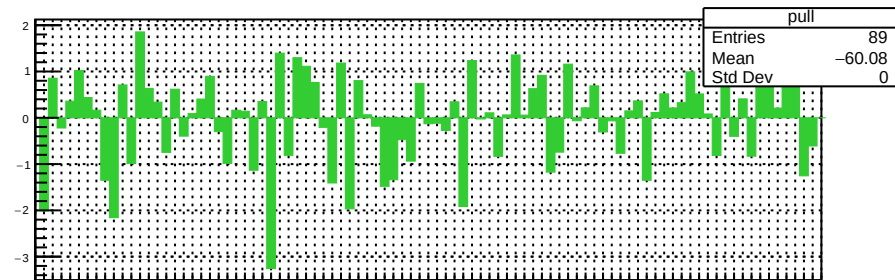
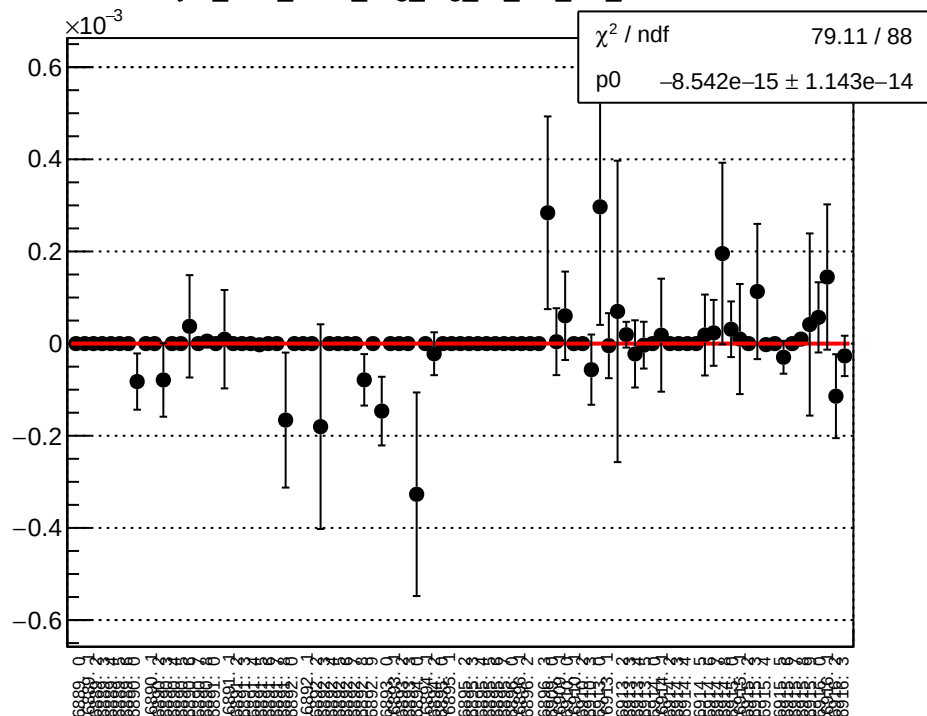
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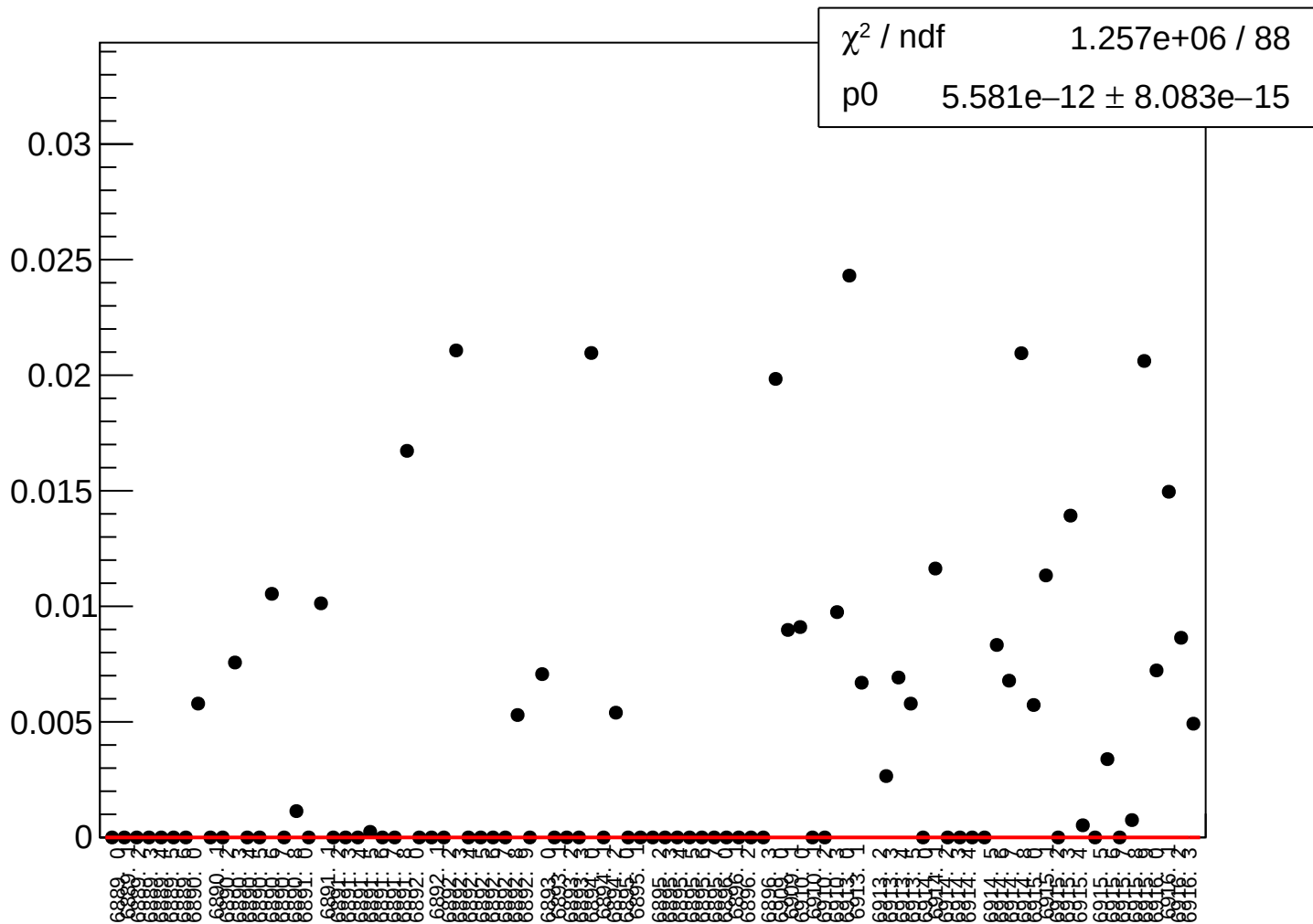
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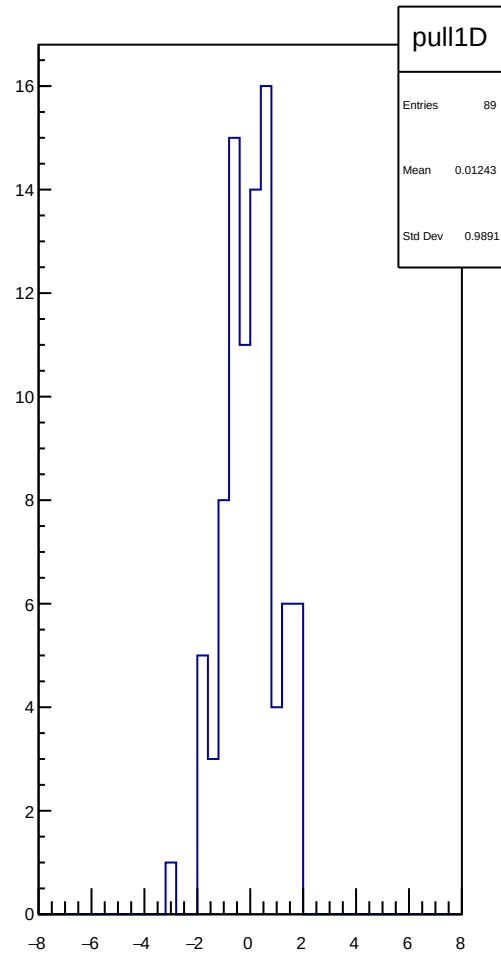
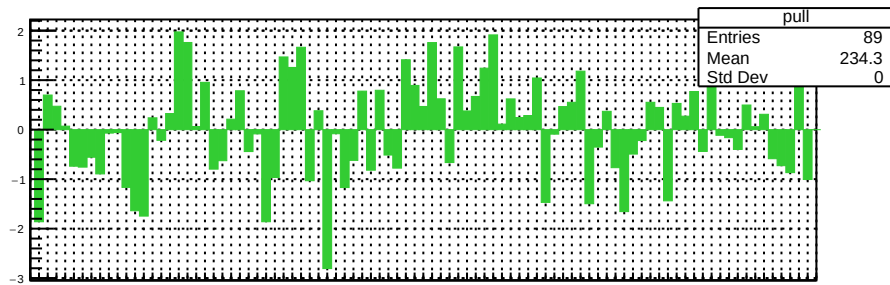
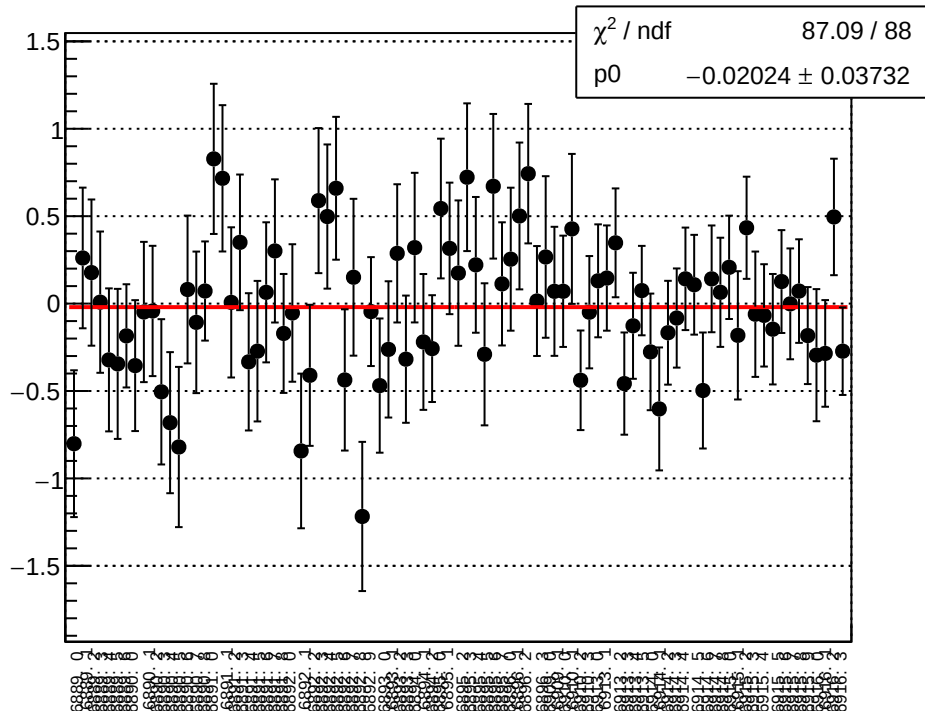
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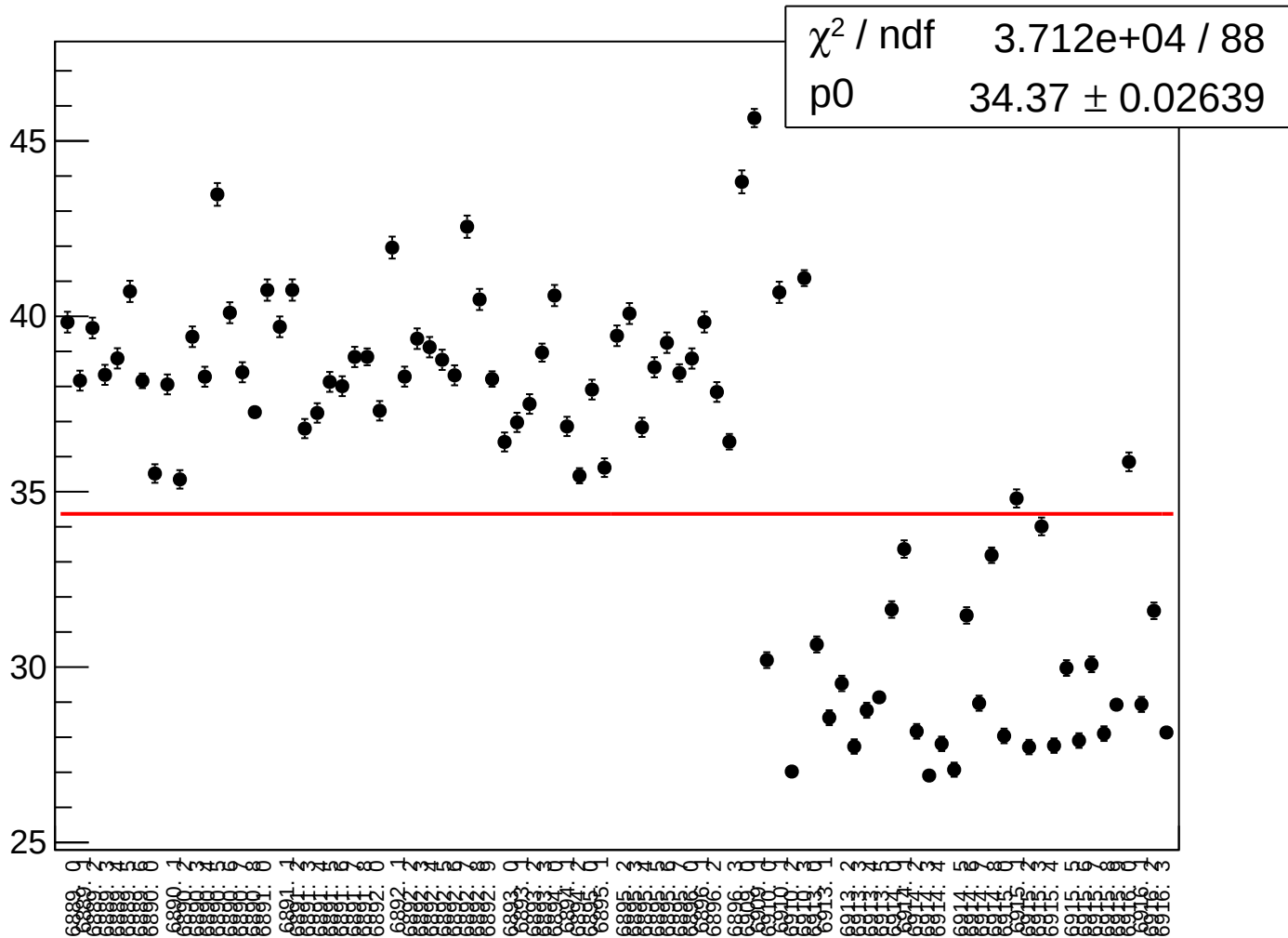
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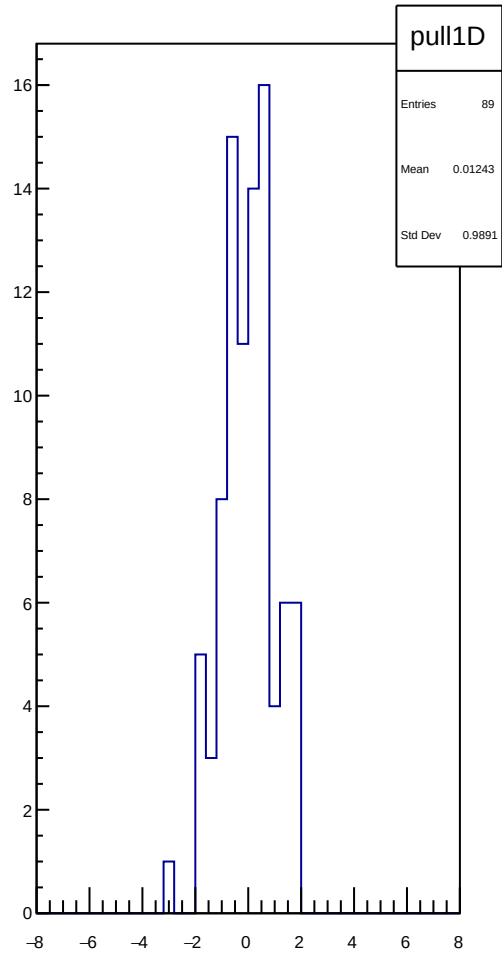
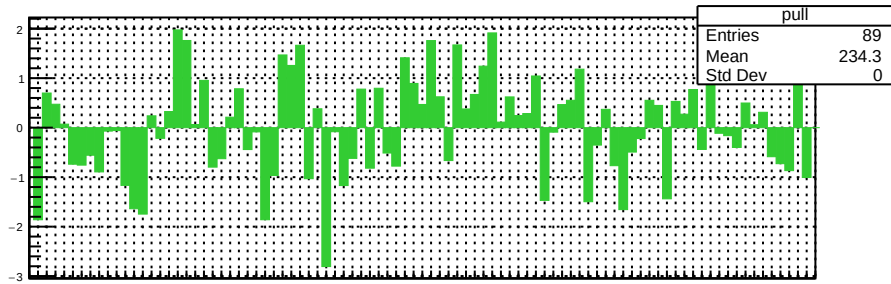
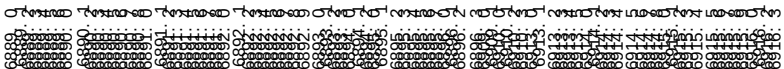
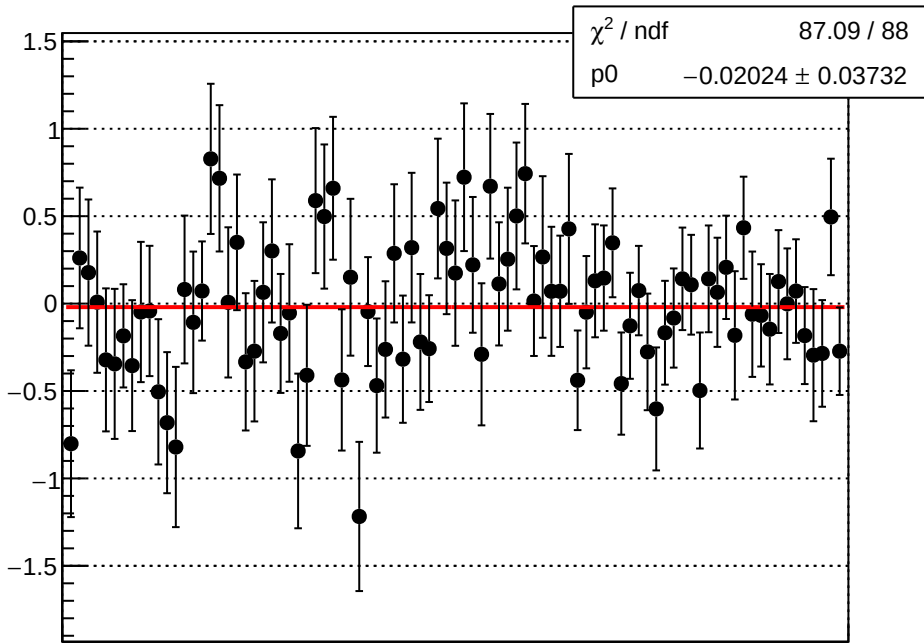
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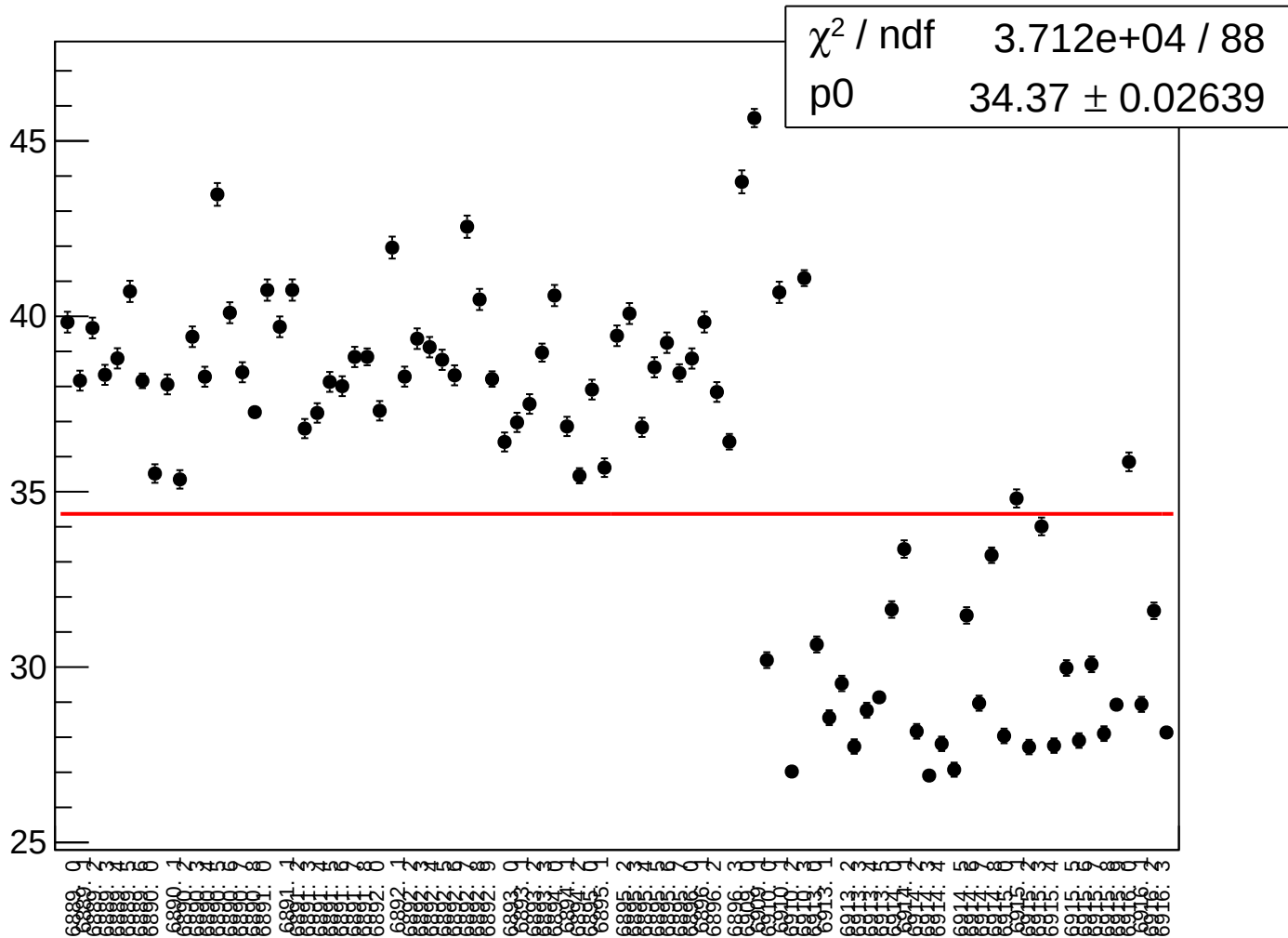
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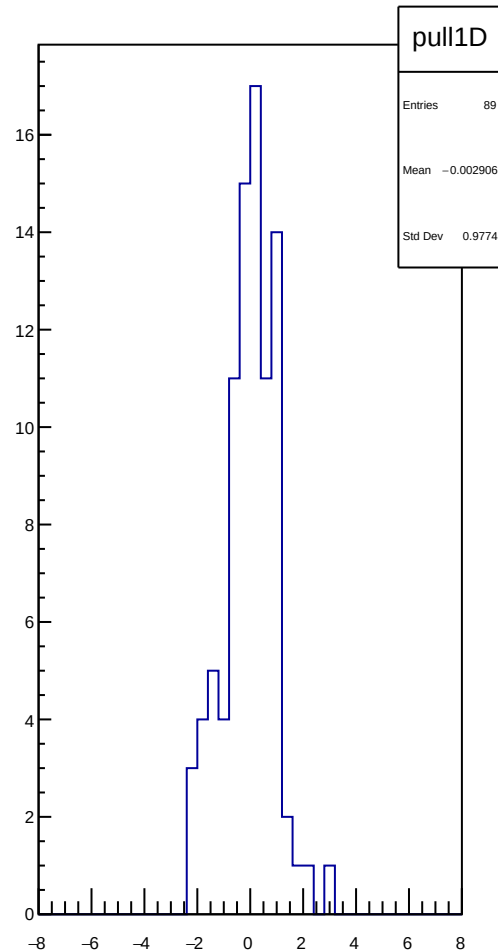
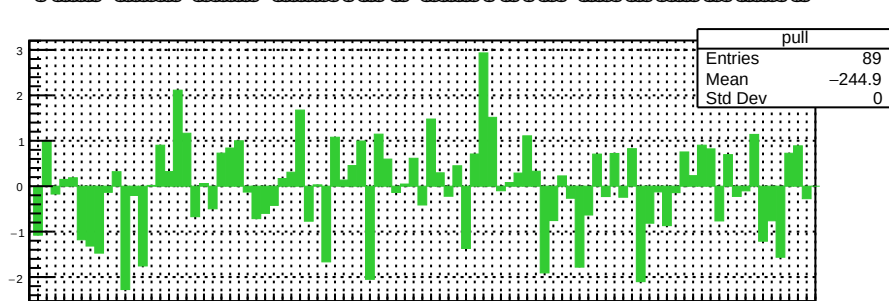
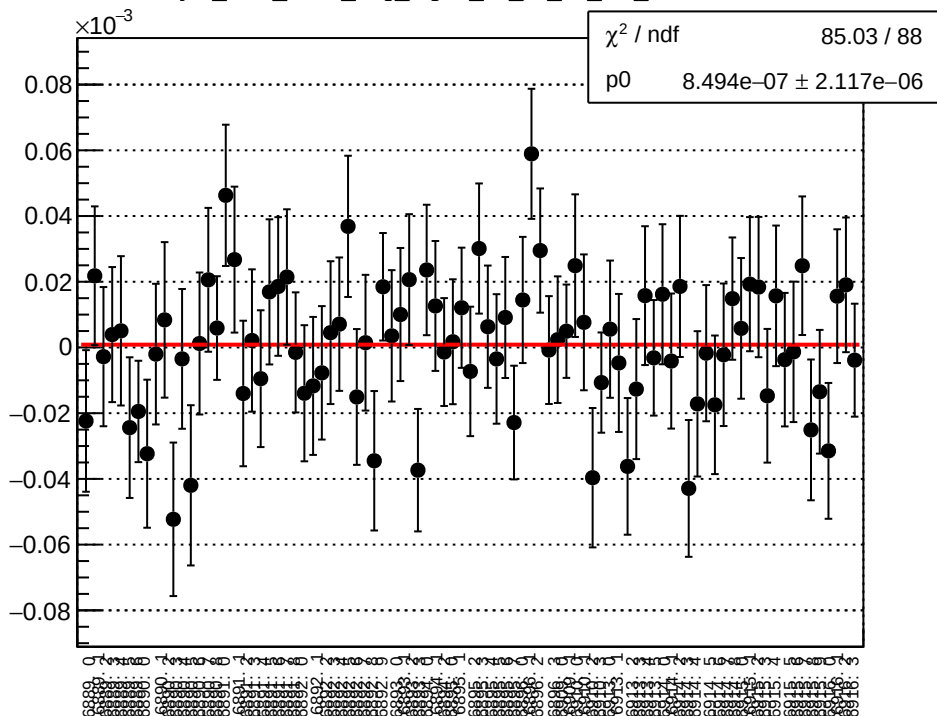
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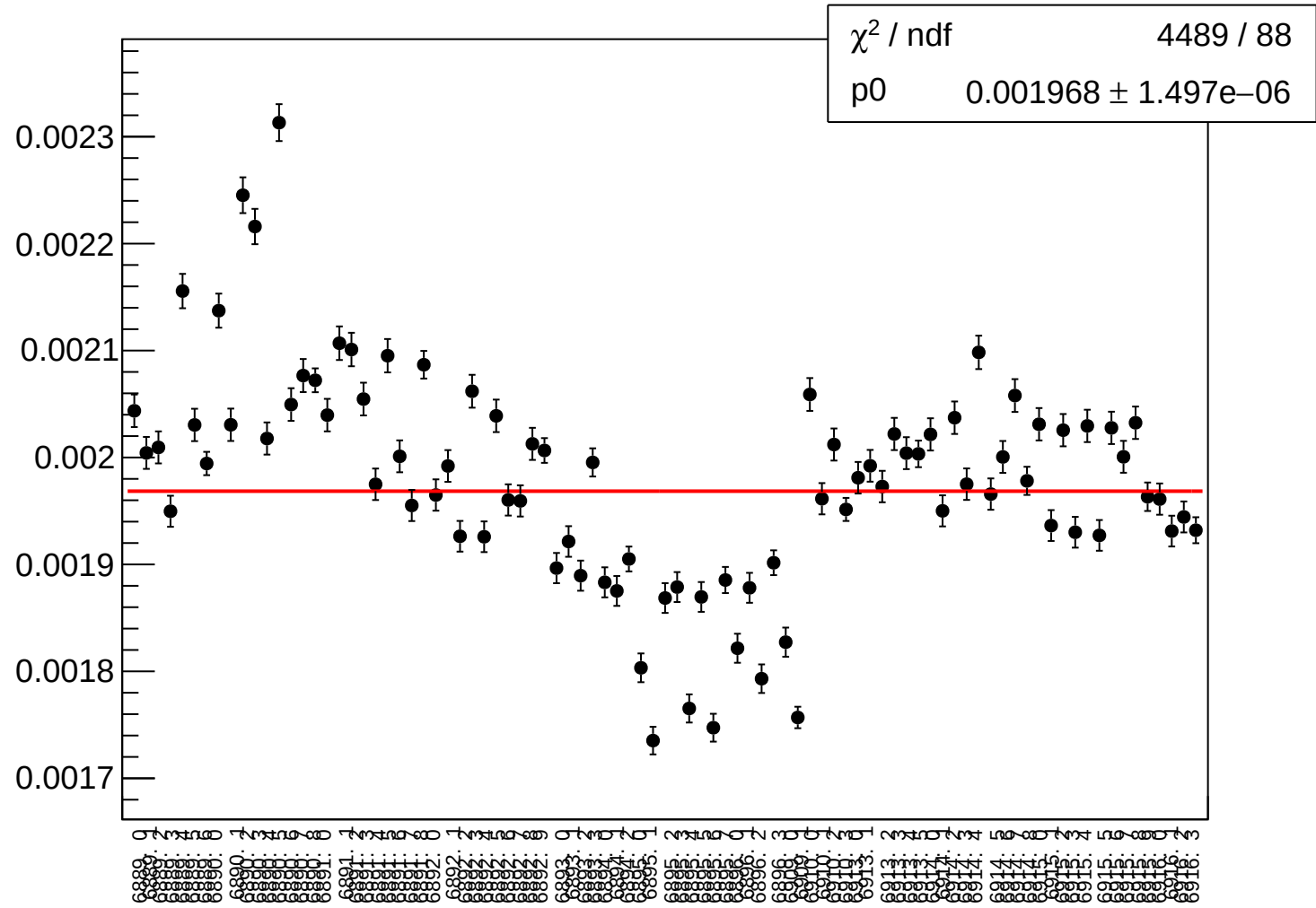
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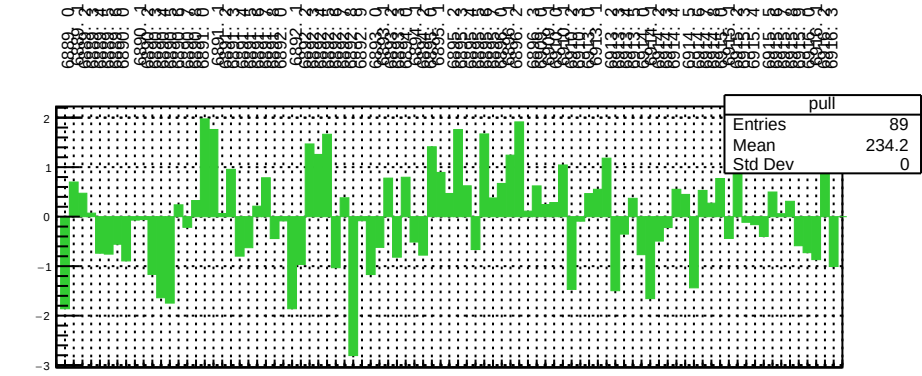
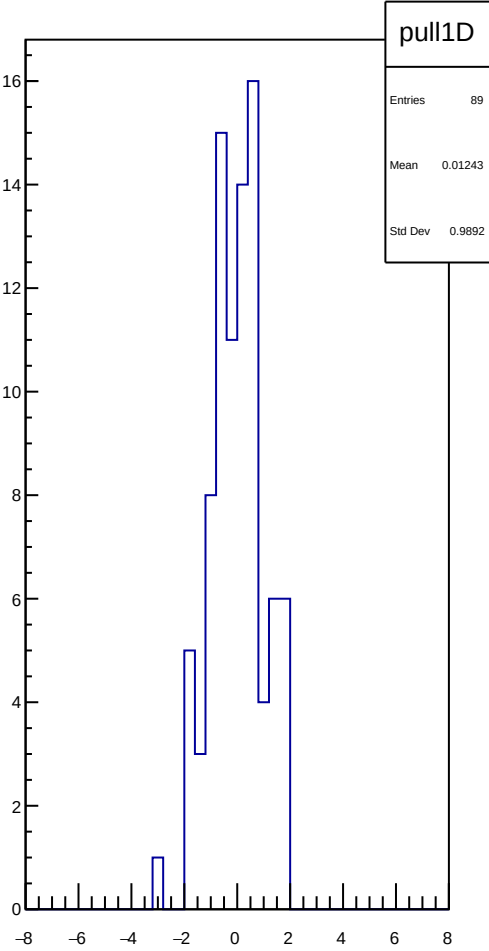
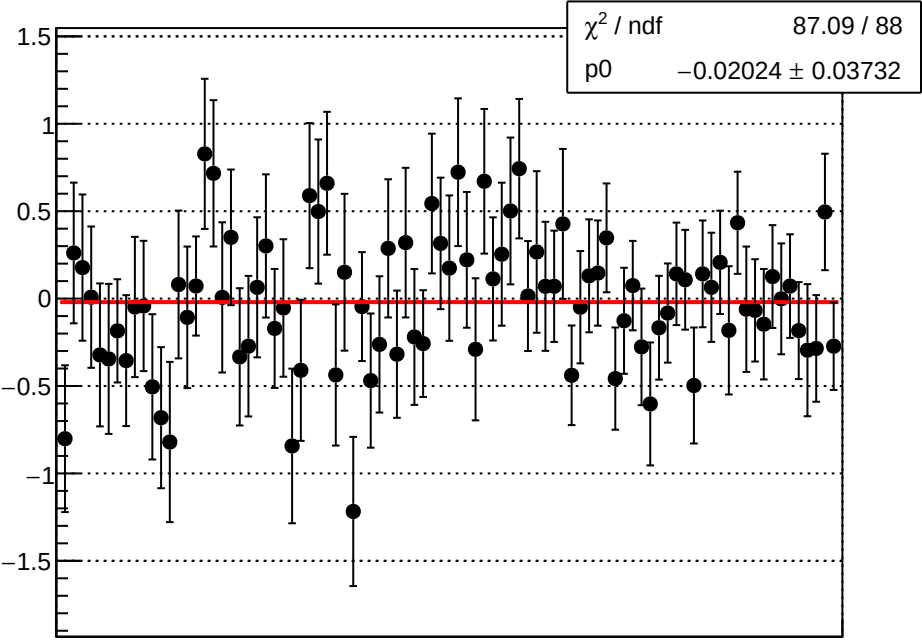
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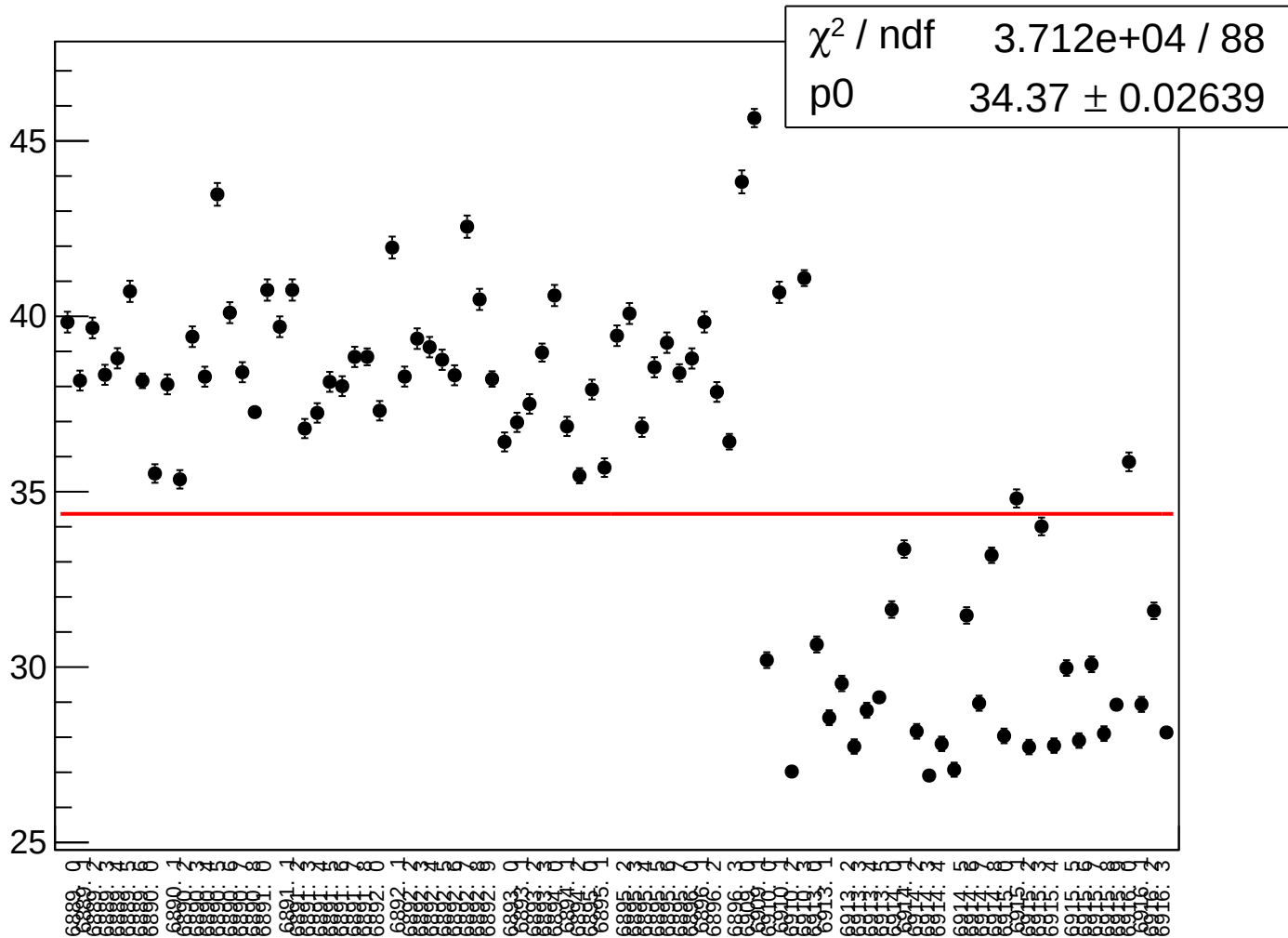
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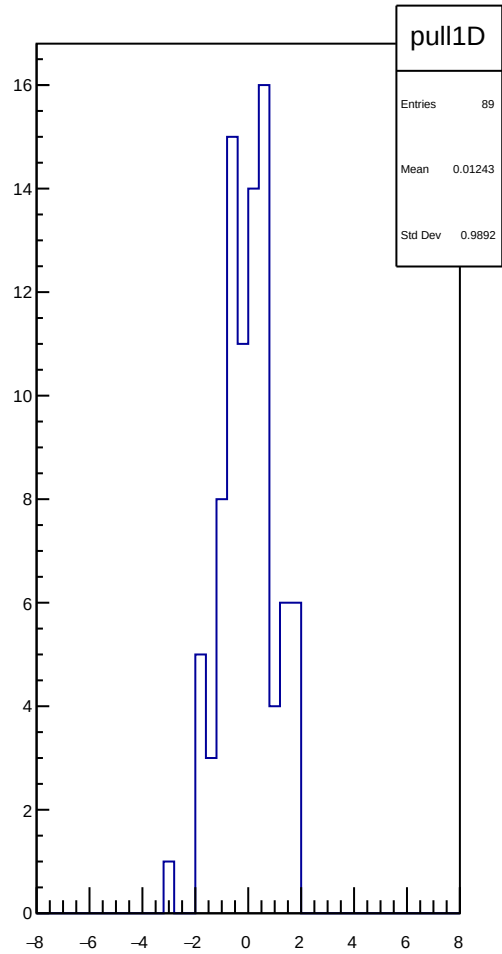
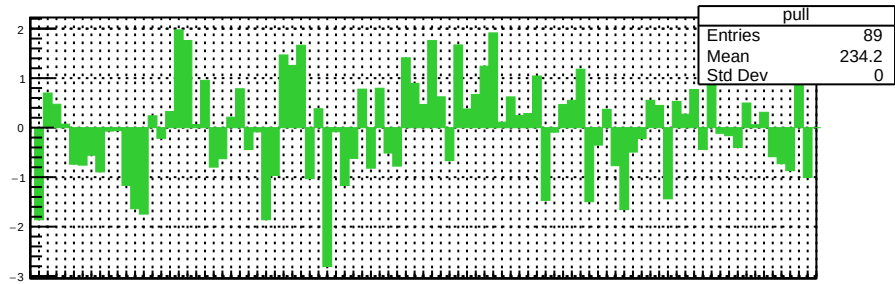
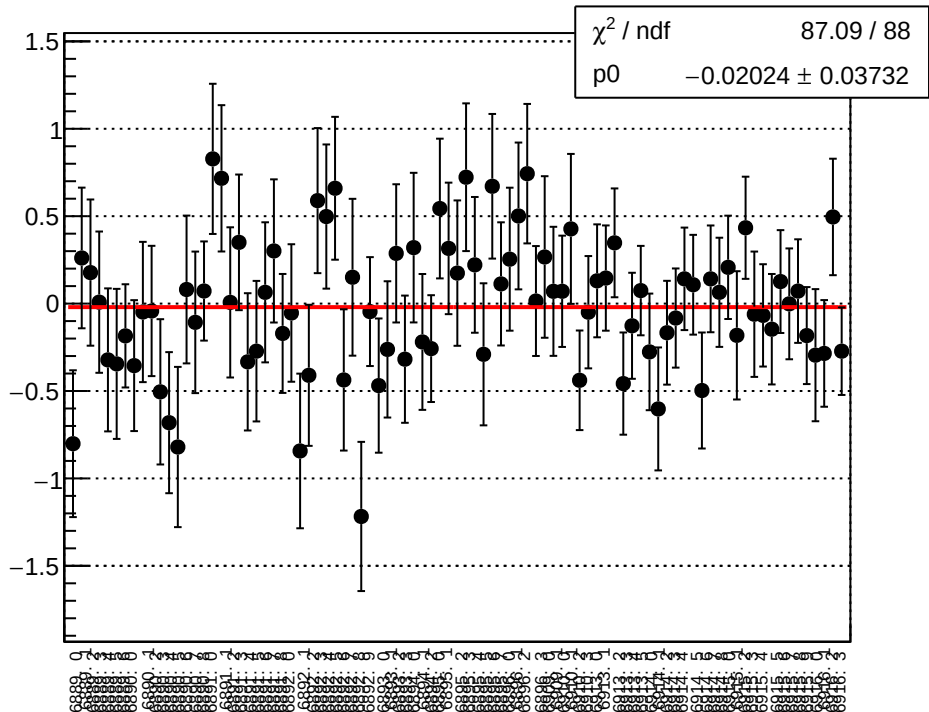
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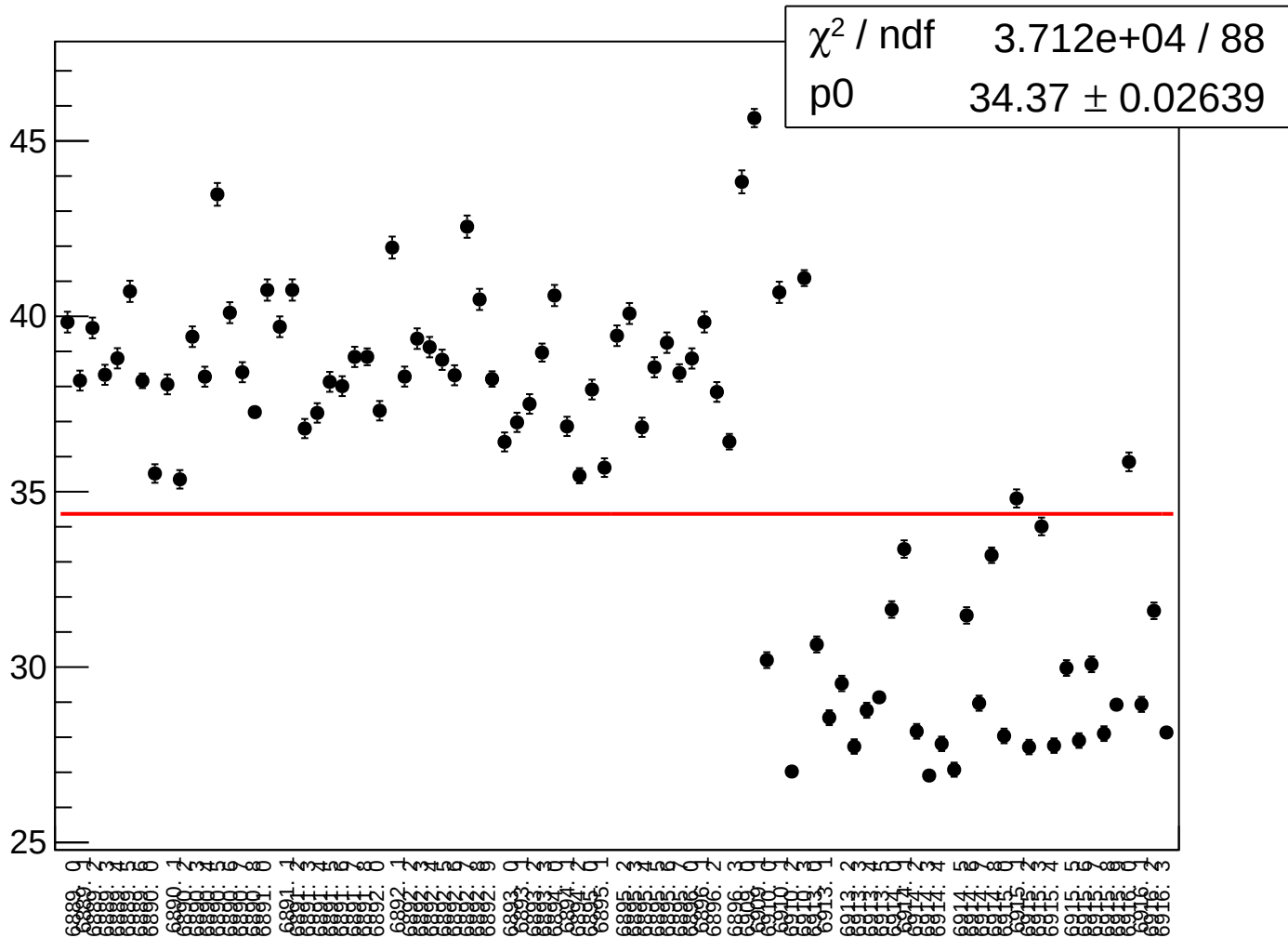
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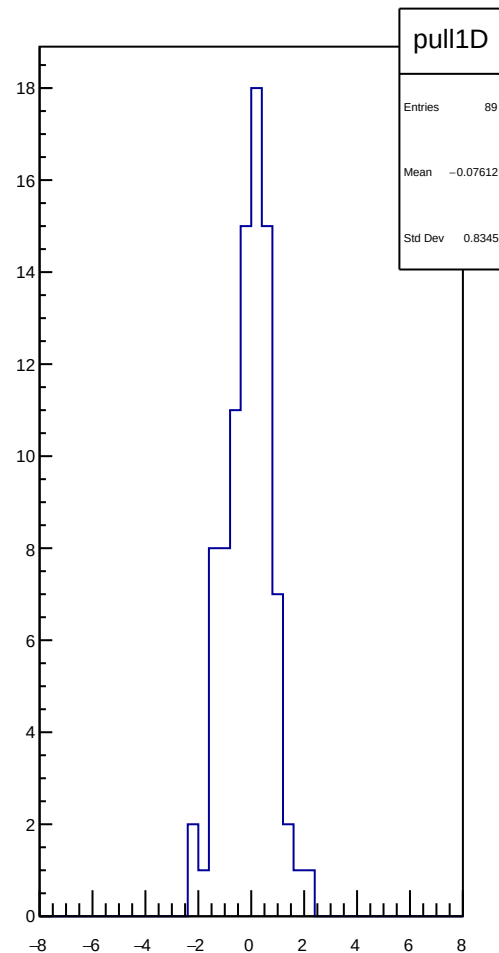
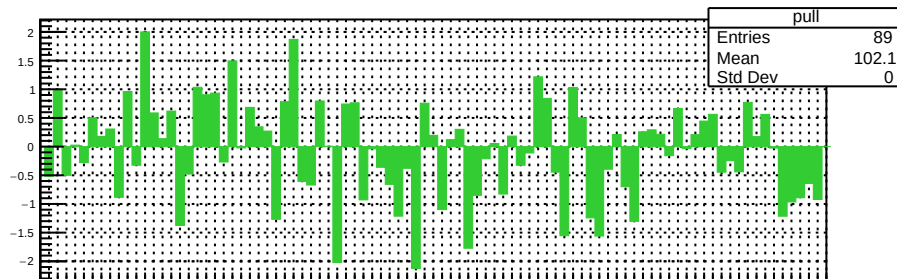
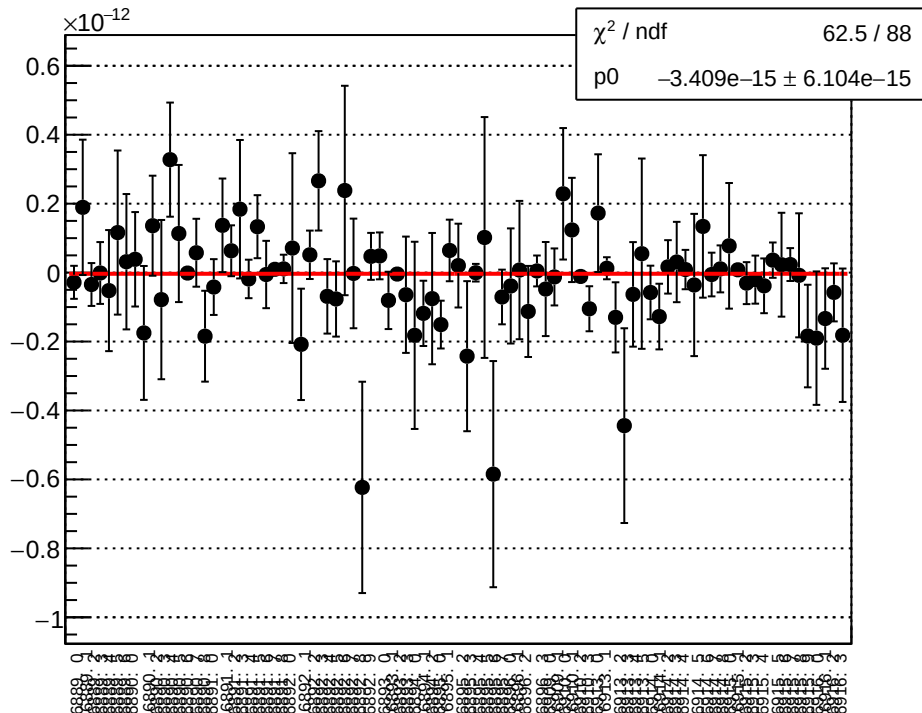
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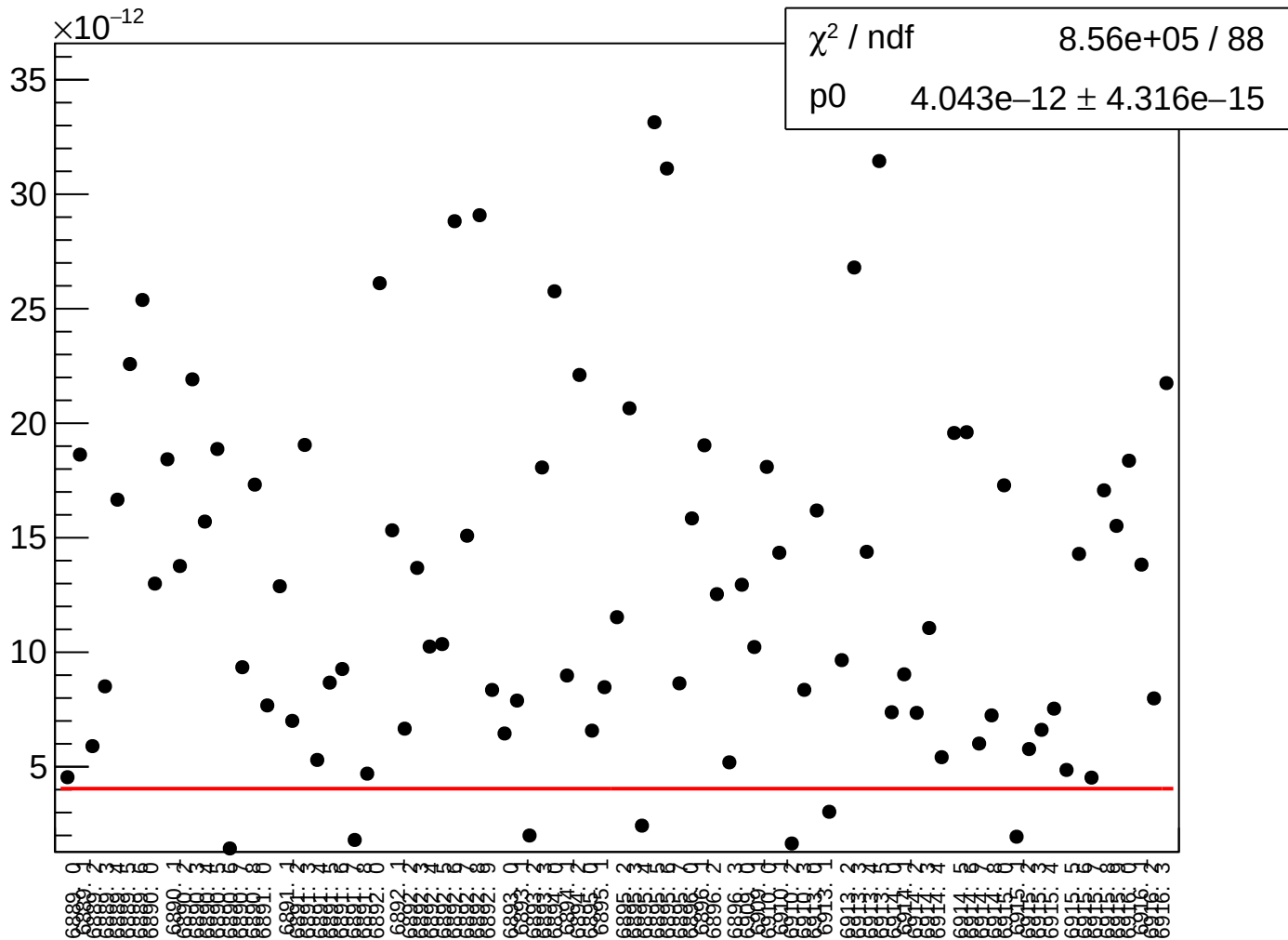
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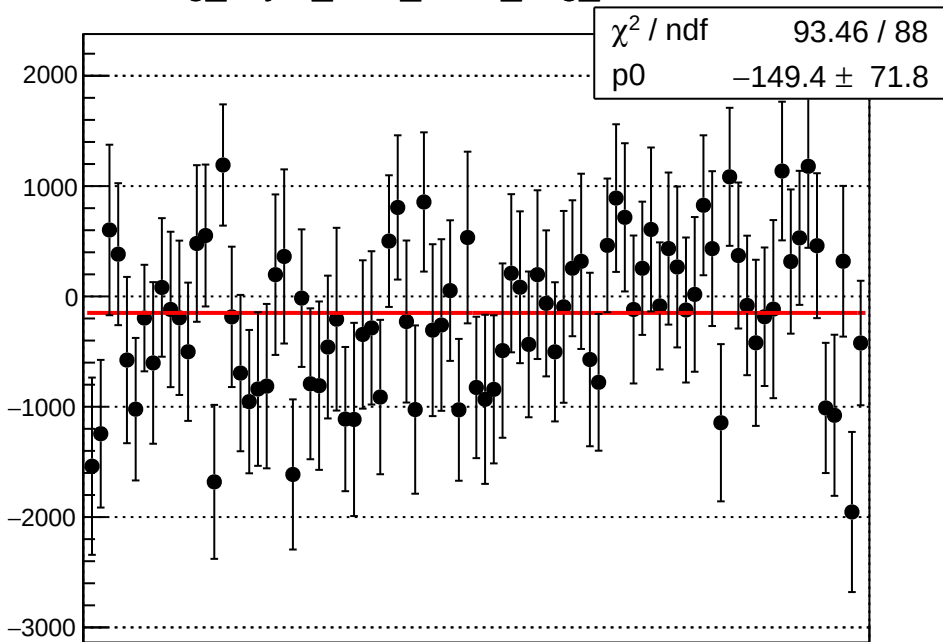
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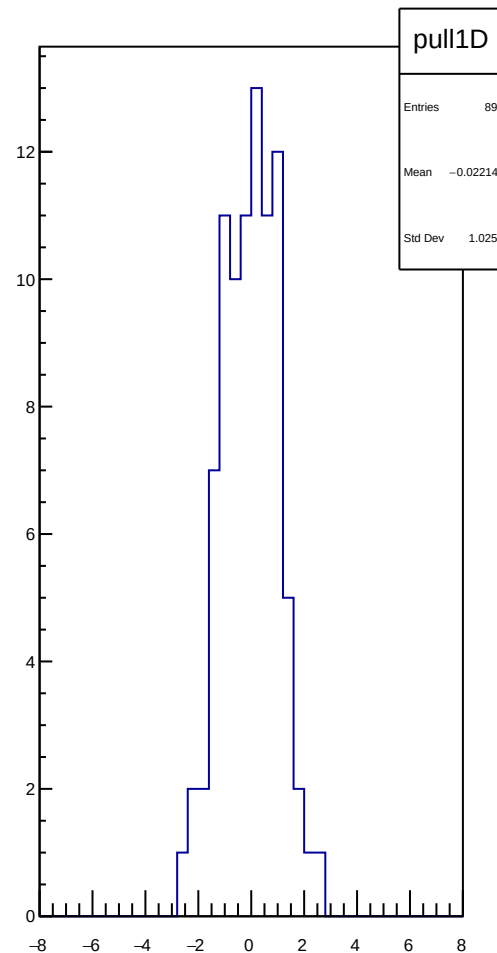
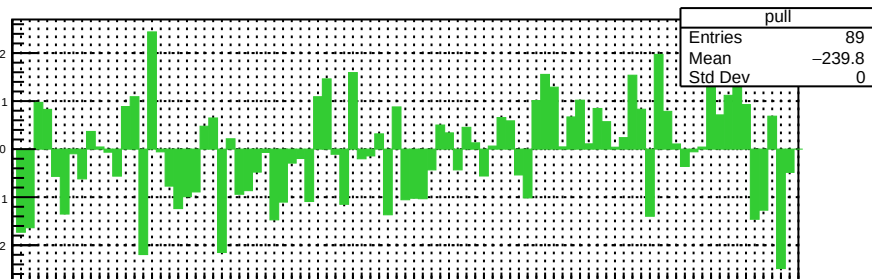
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reg_asym_sam_3726_avg_mean vs run

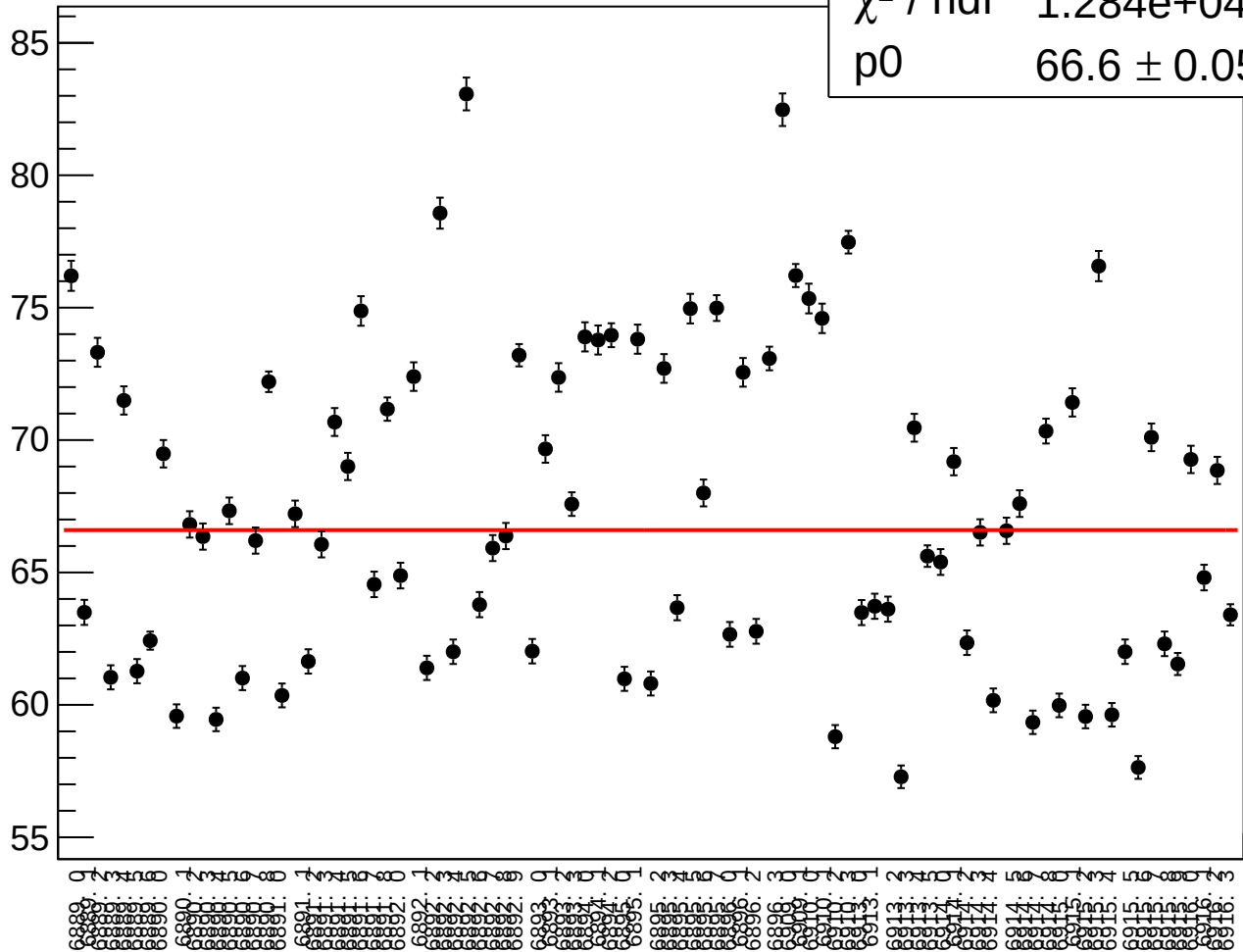


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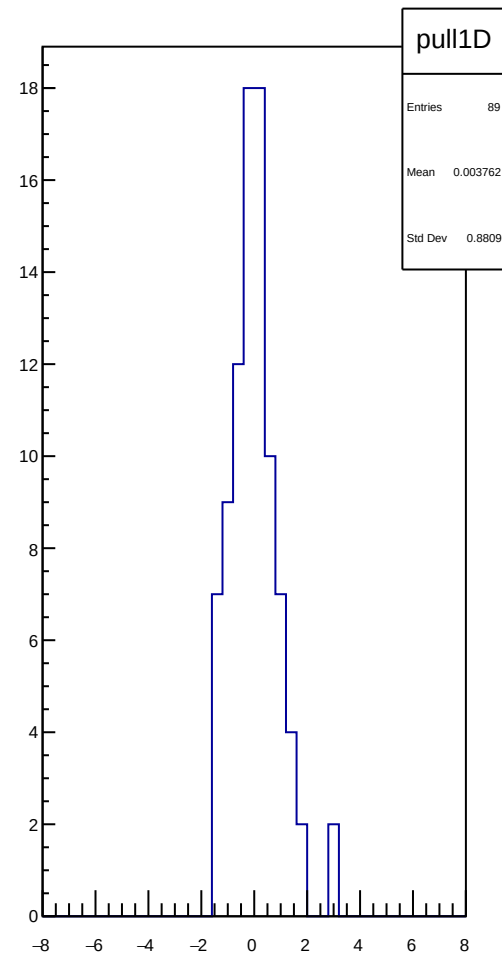
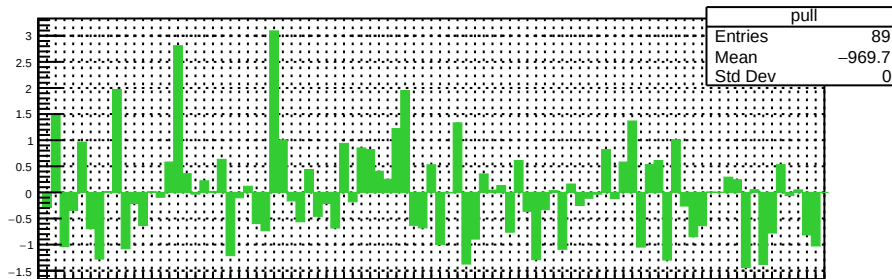
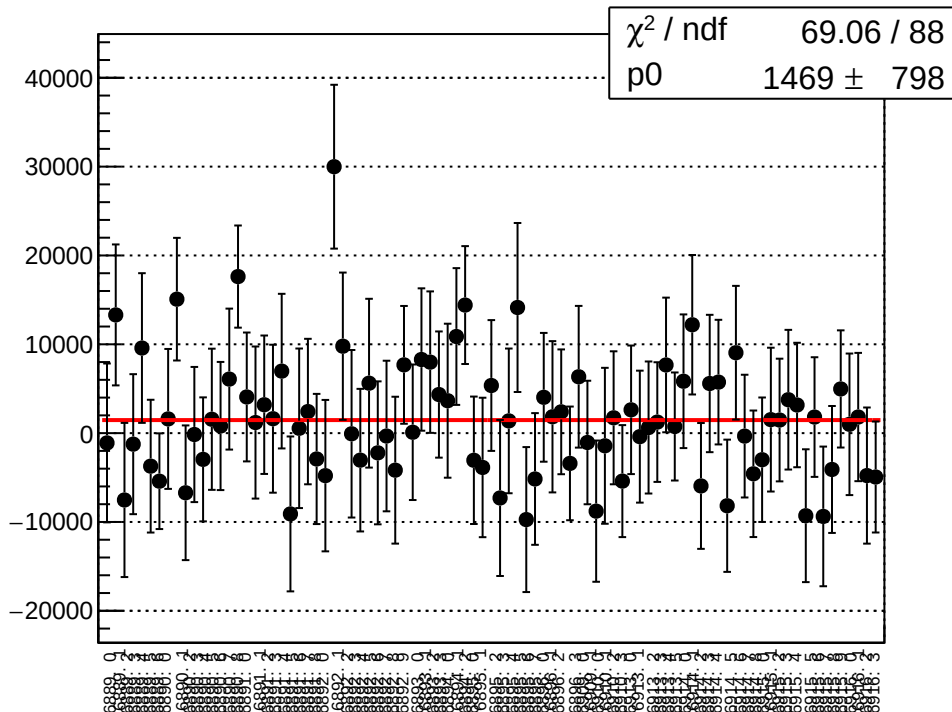


reg_asym_sam_3726_avg_rms vs run

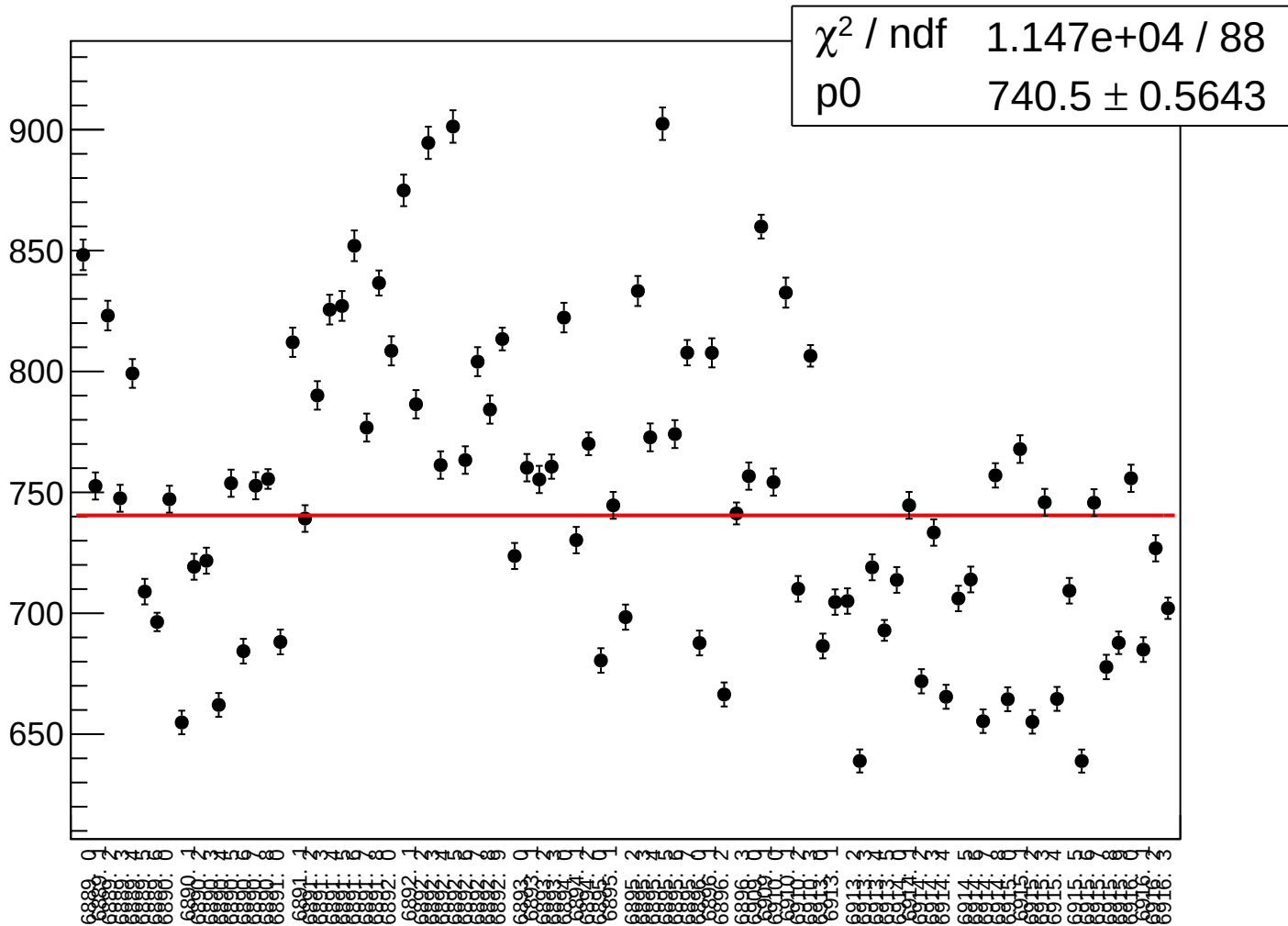
χ^2 / ndf 1.284e+04 / 88
p0 66.6 ± 0.05077



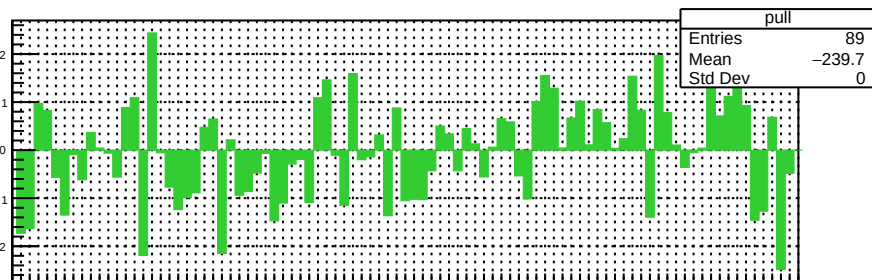
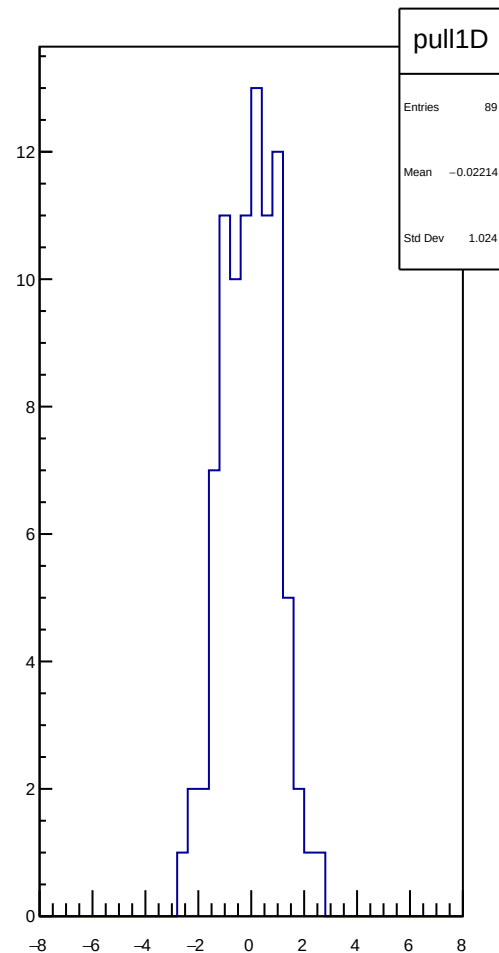
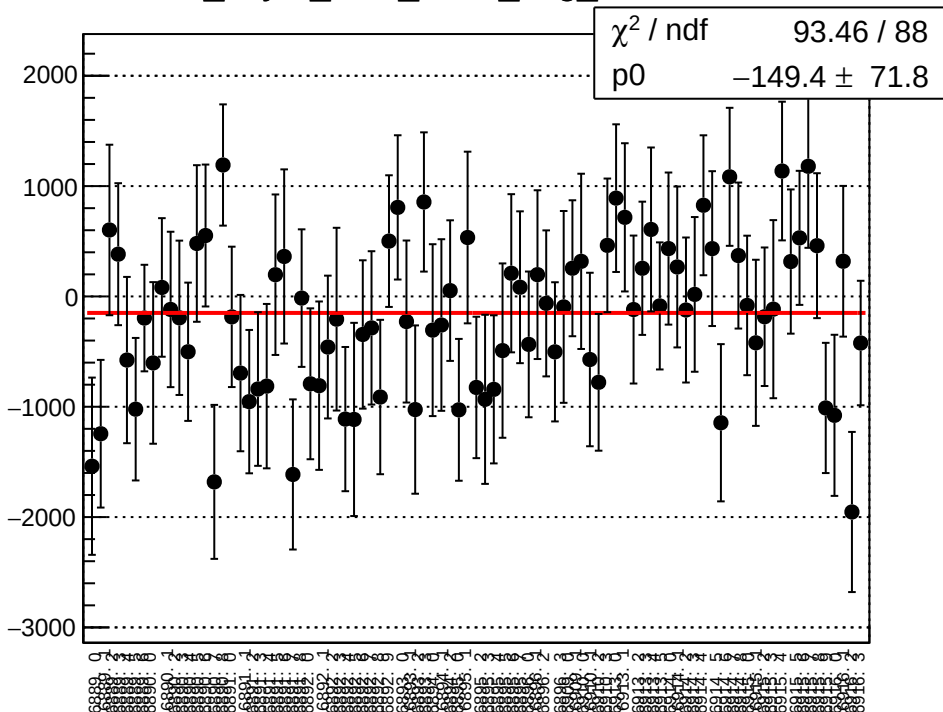
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asym_sam_3726_avg_reg_correction_rms vs run

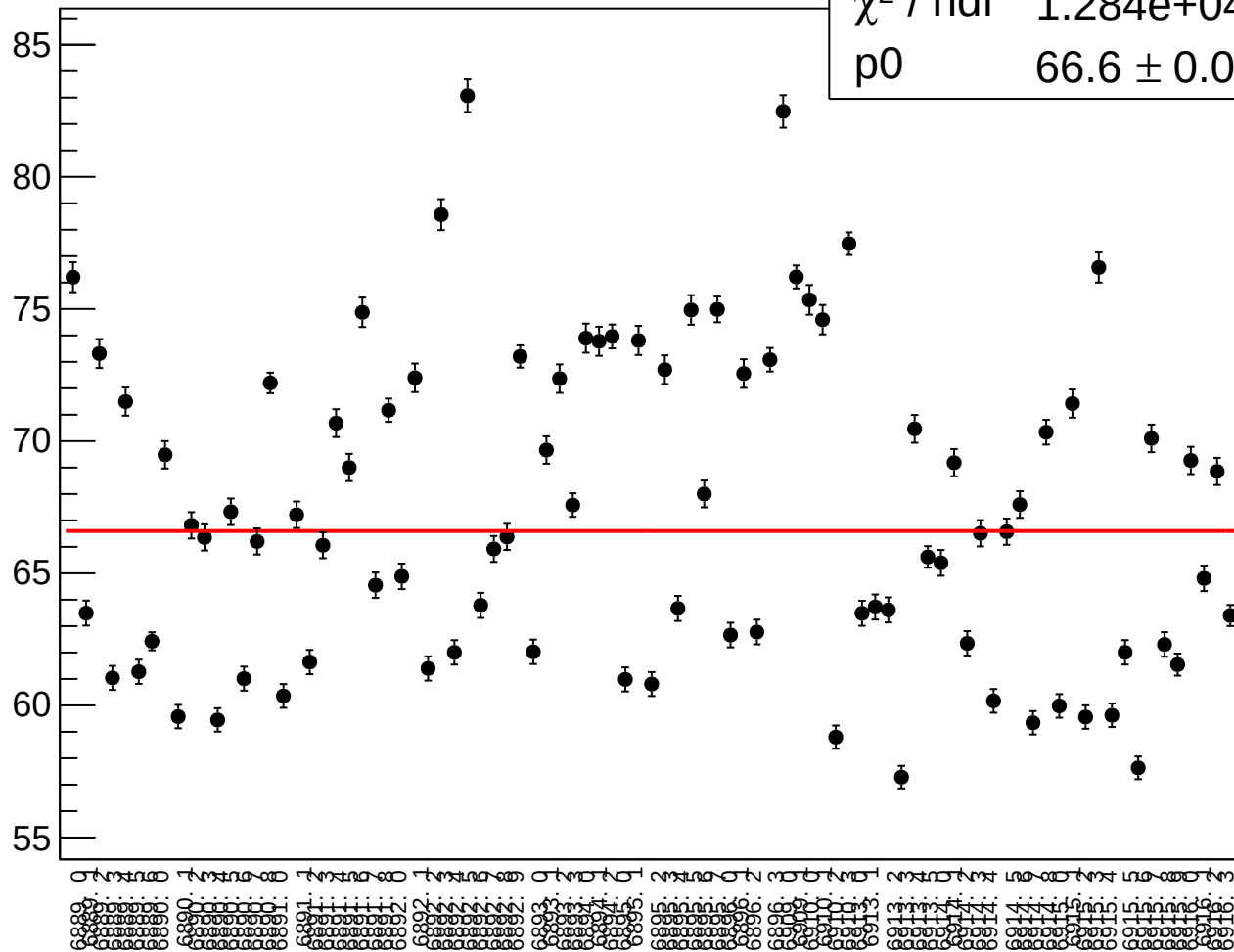


cor_asym_sam_3726_avg_mean vs run

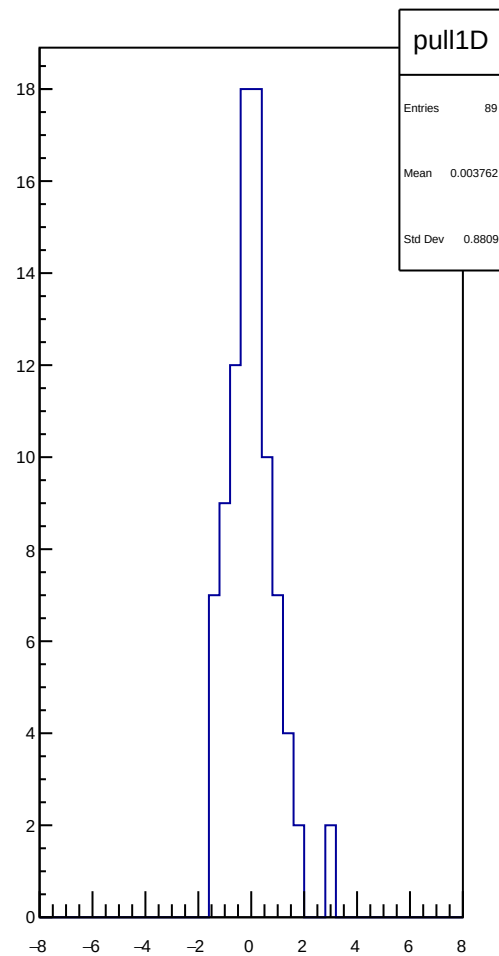
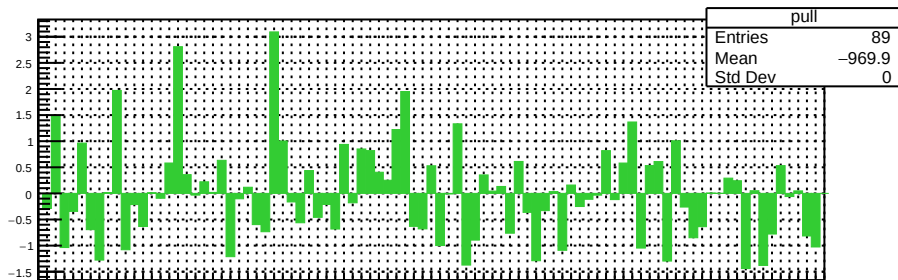
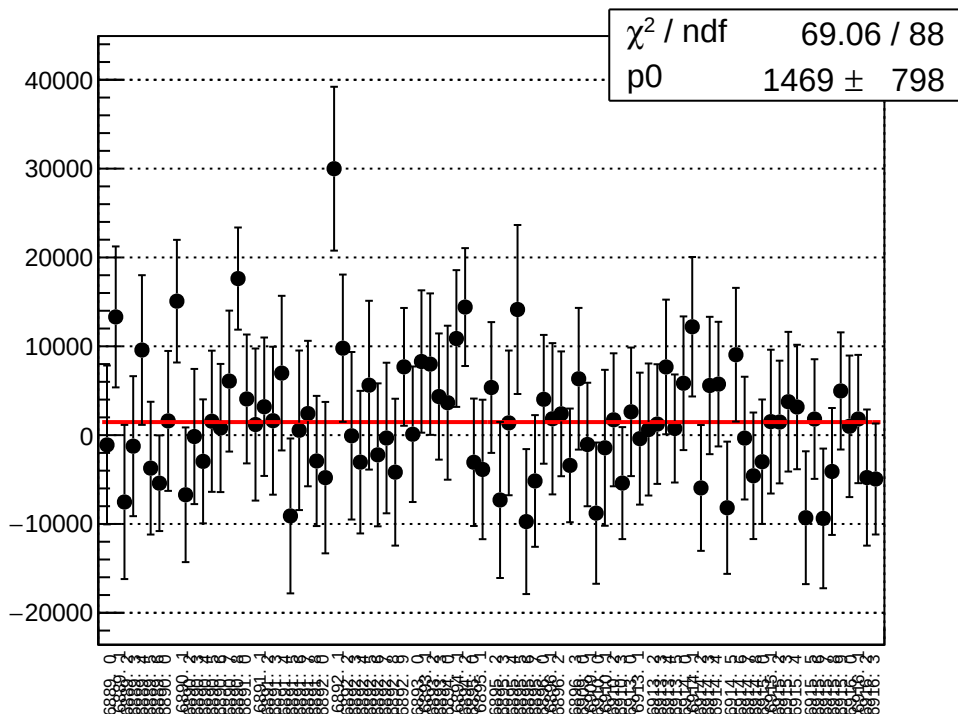


cor_asym_sam_3726_avg_rms vs run

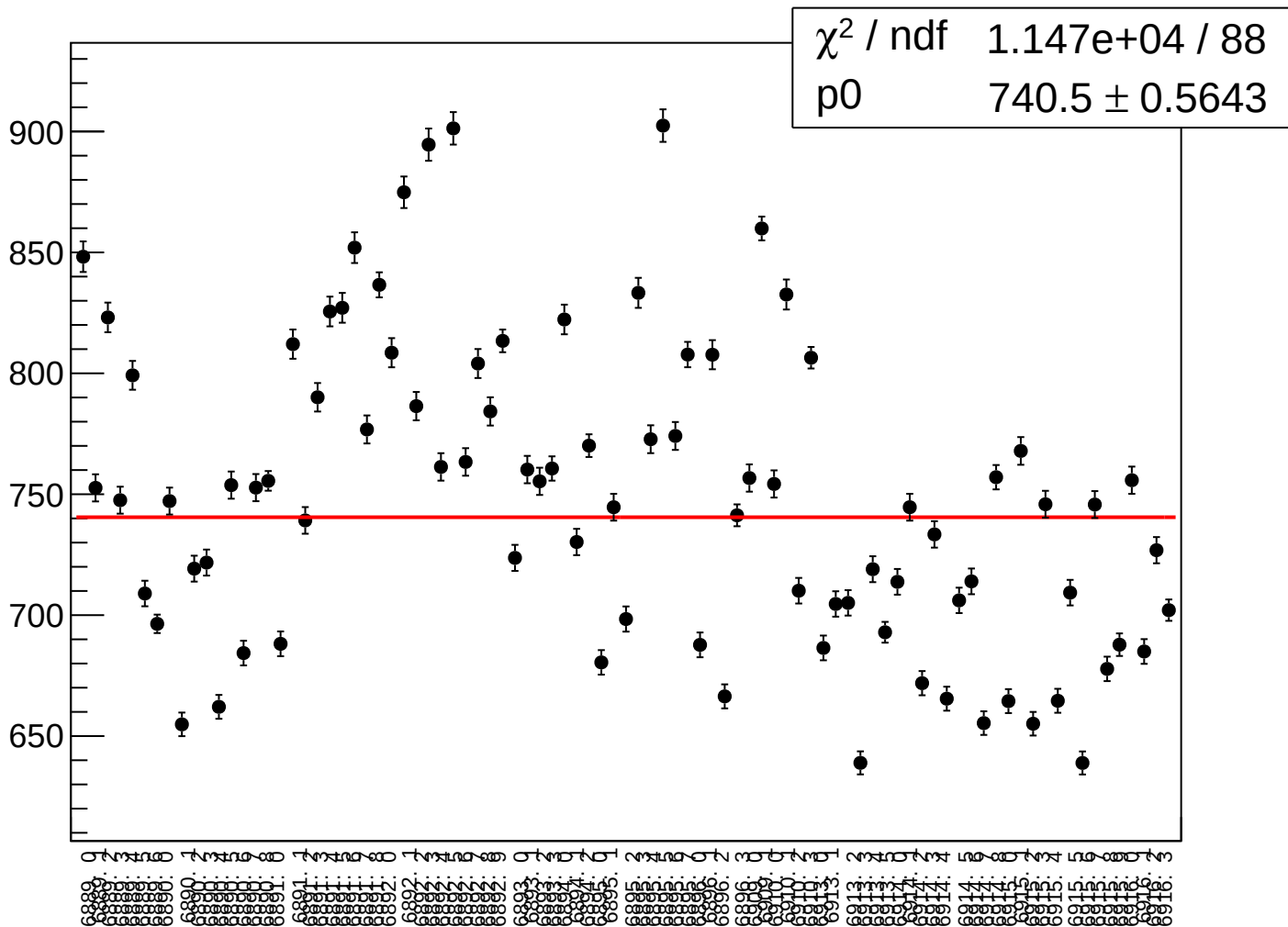
χ^2 / ndf 1.284e+04 / 88
p0 66.6 ± 0.05077



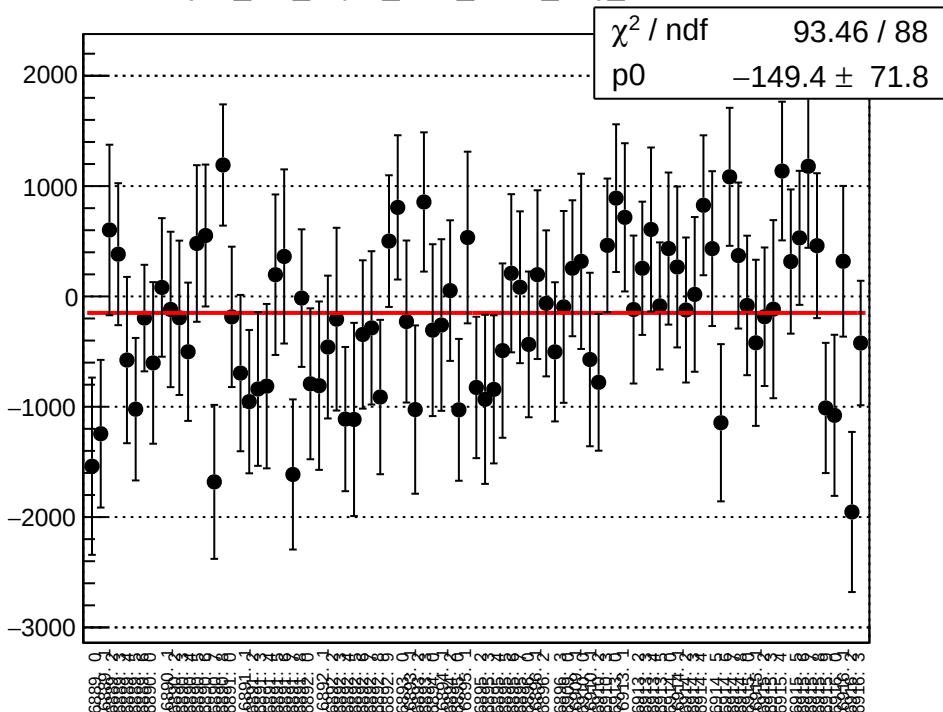
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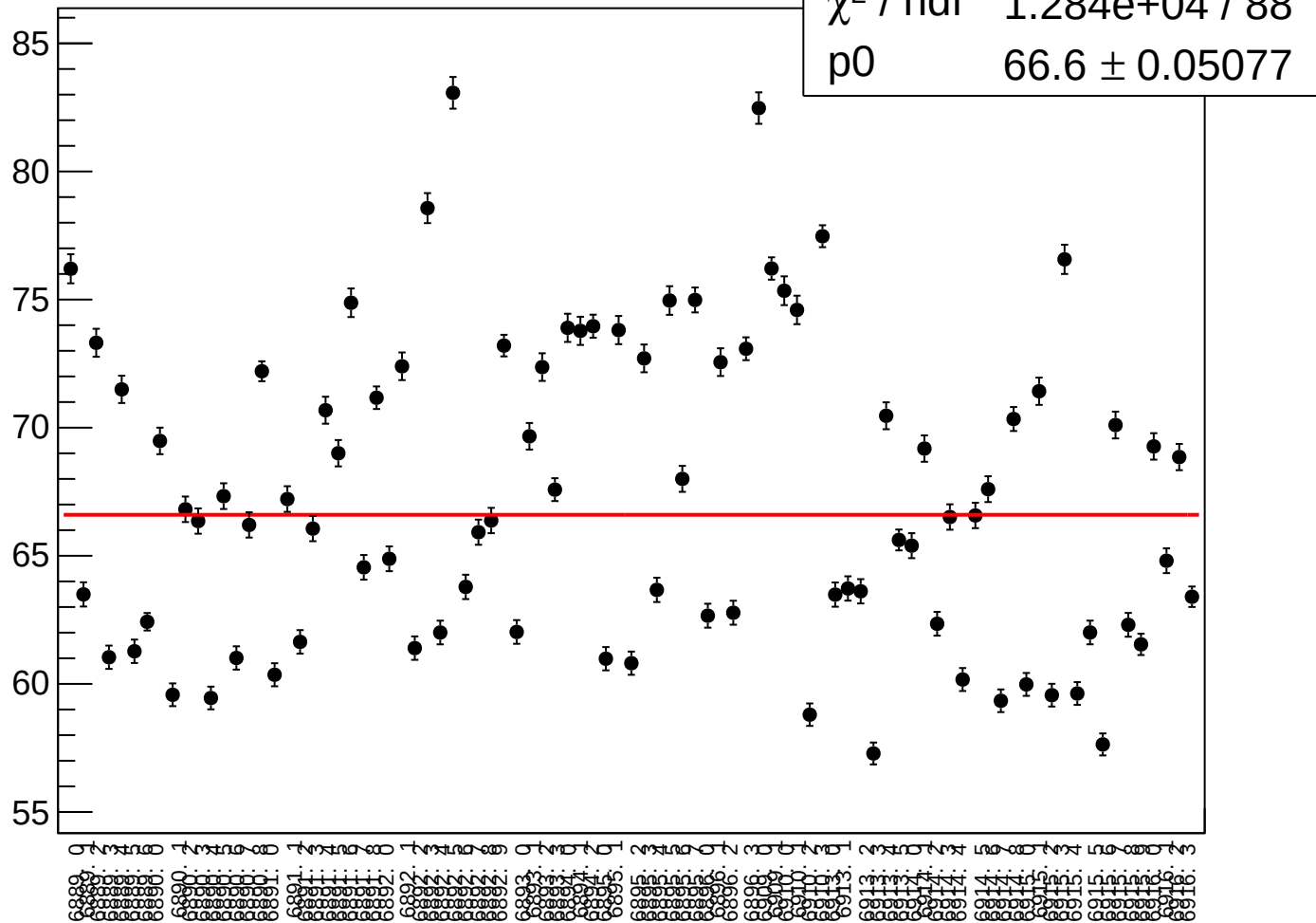


eigen_cor_asym_sam_3726_avg_mean vs run

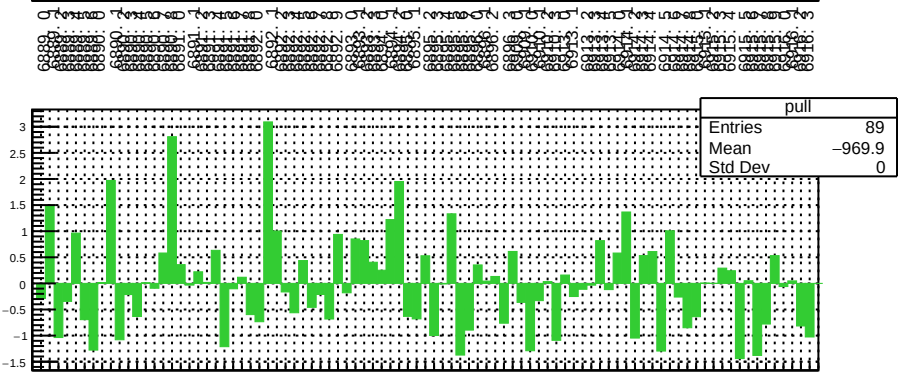
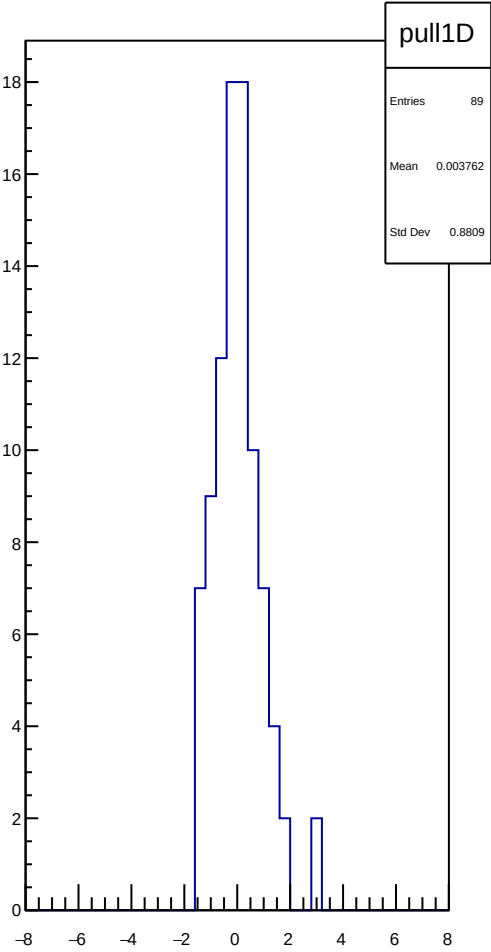
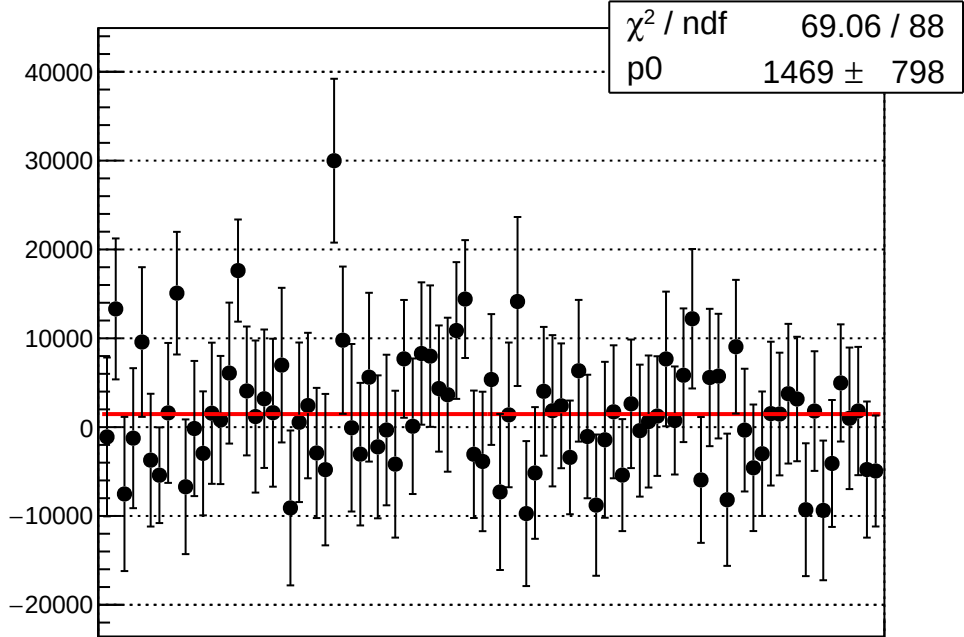


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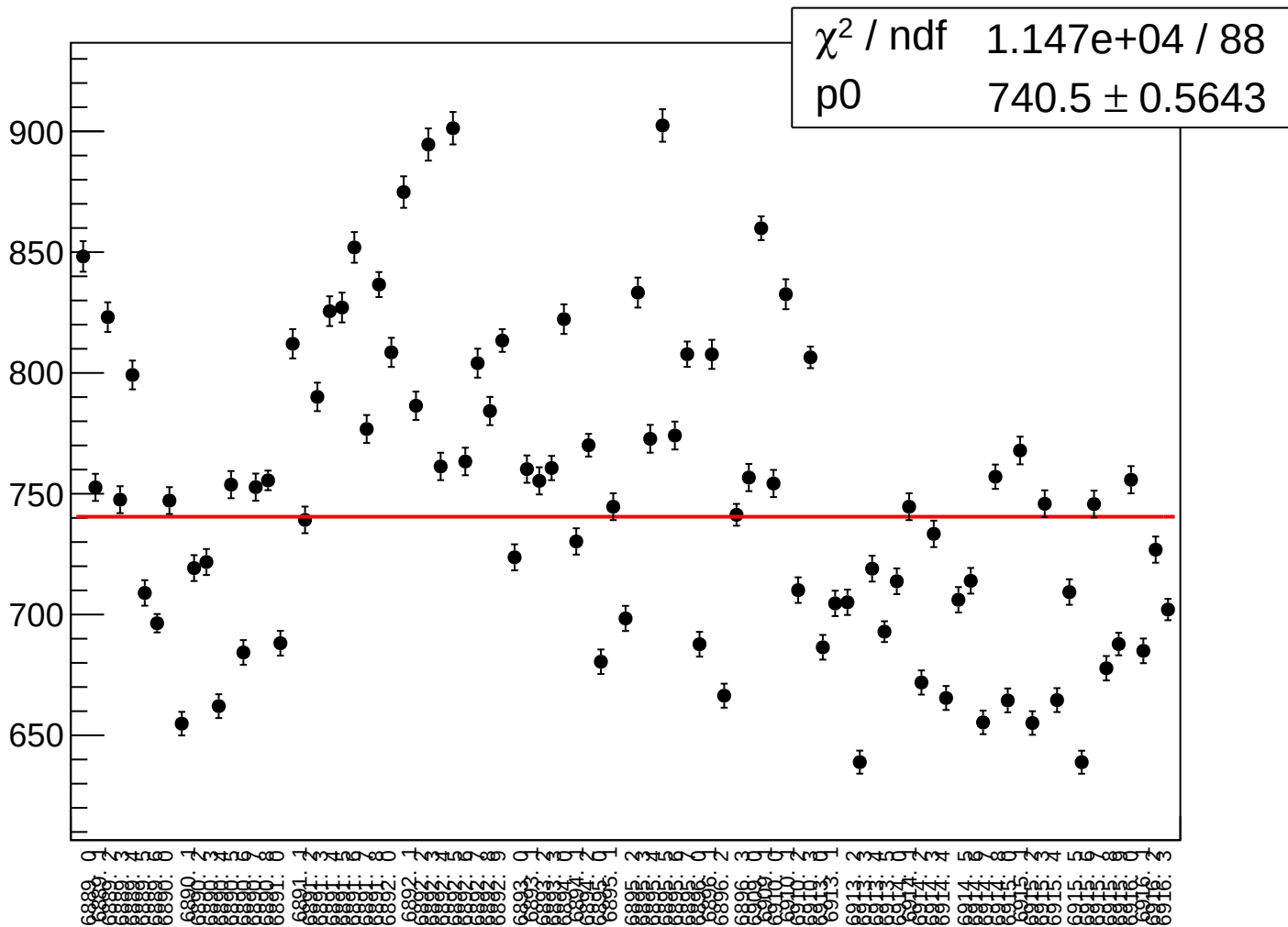
χ^2 / ndf	1.284e+04 / 88
p0	66.6 ± 0.05077



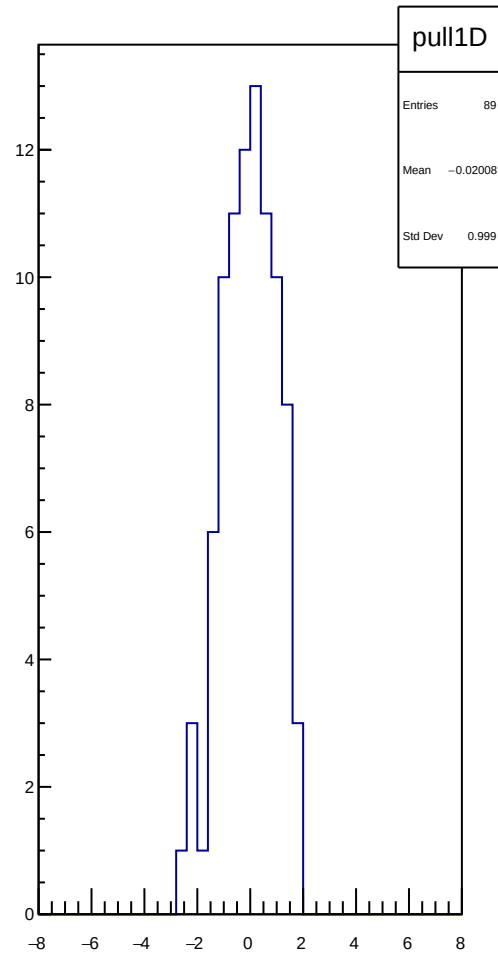
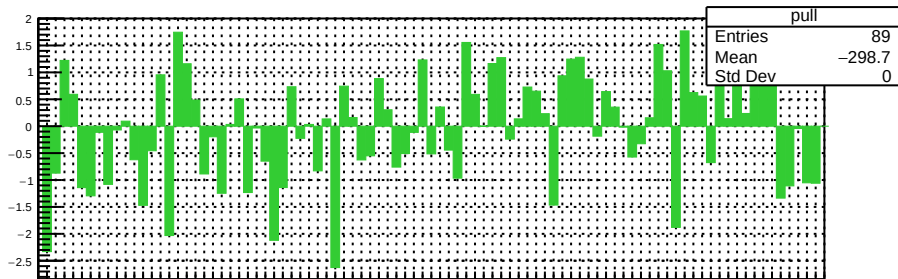
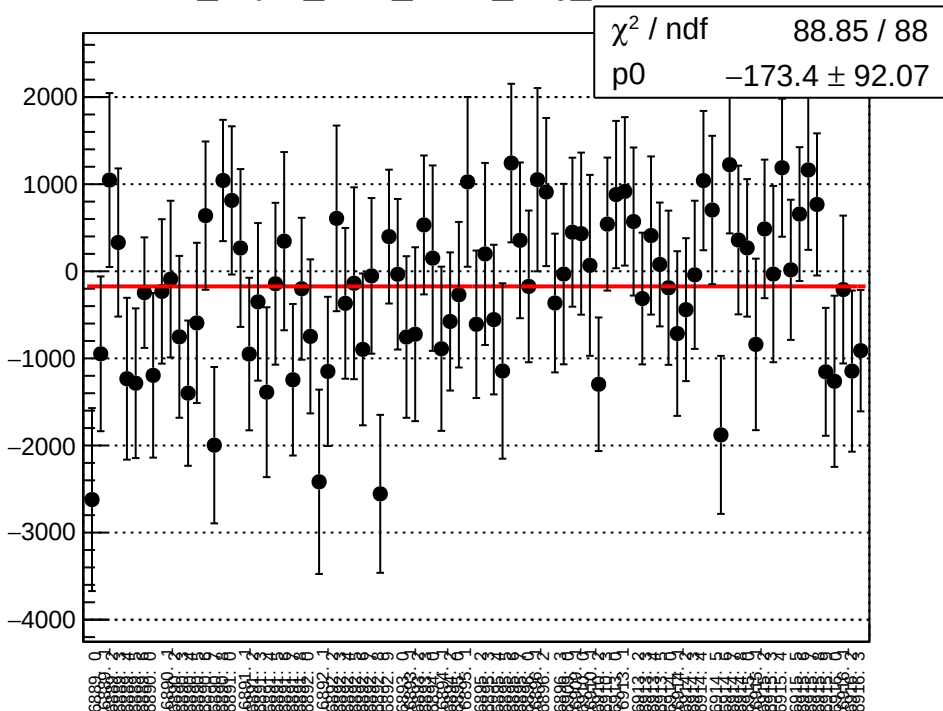
asym_sam_3726_avg_eigen_cor_correction_mean vs run



asym_sam_3726_avg_eigen_cor_correction_rms vs run

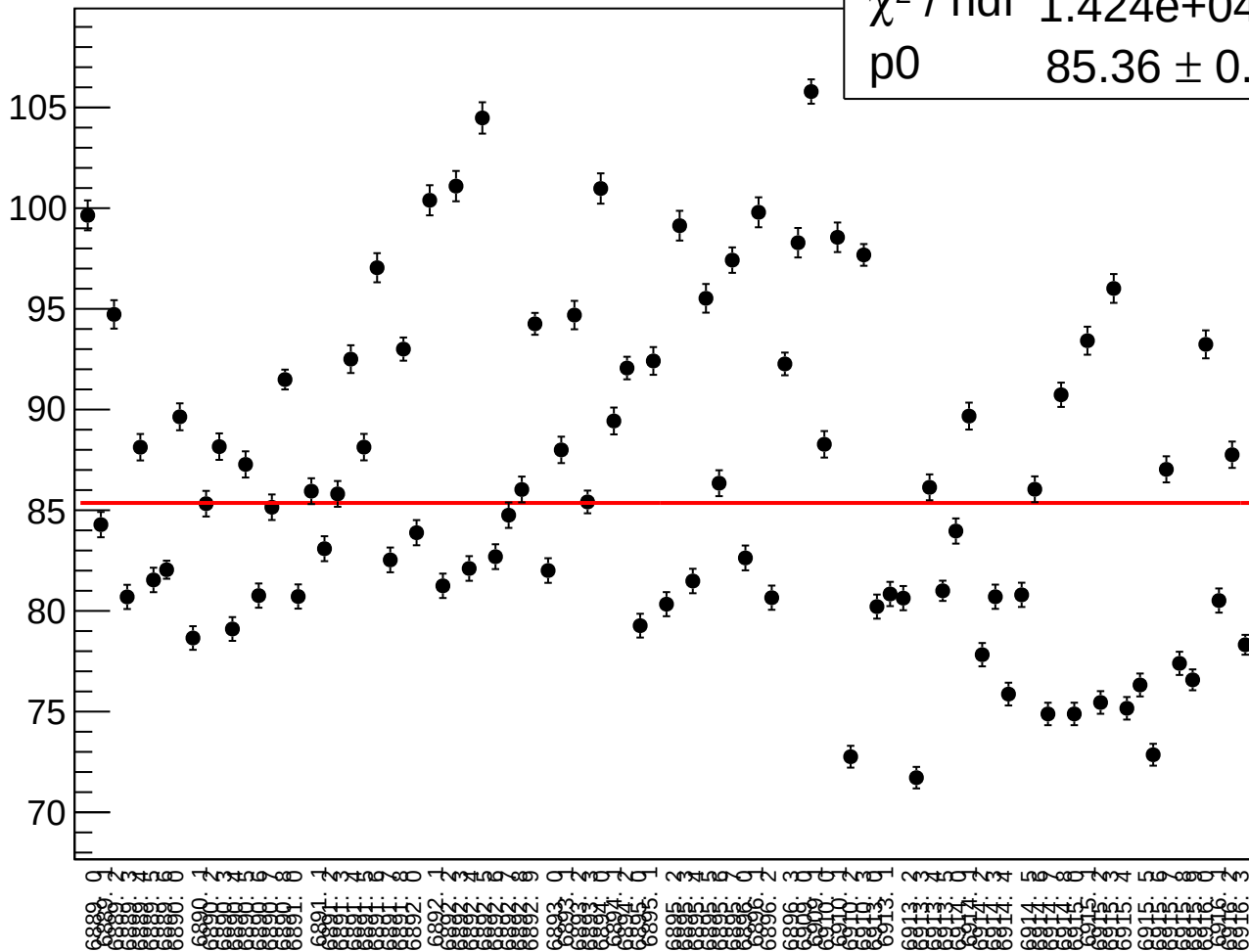


dit_asym_sam_3726_avg_mean vs run

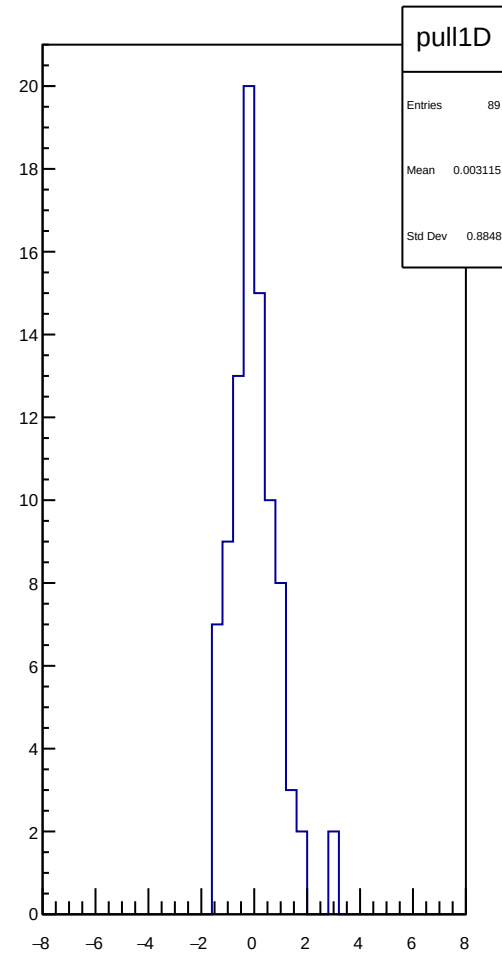
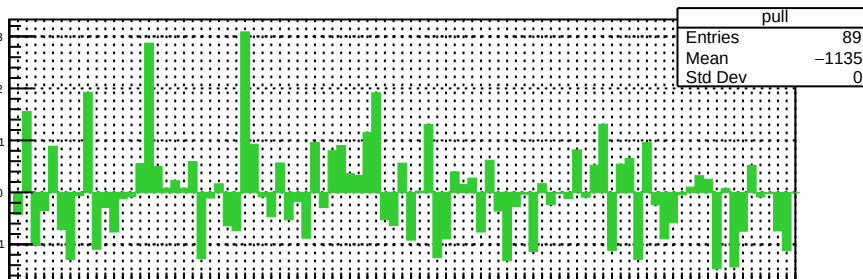
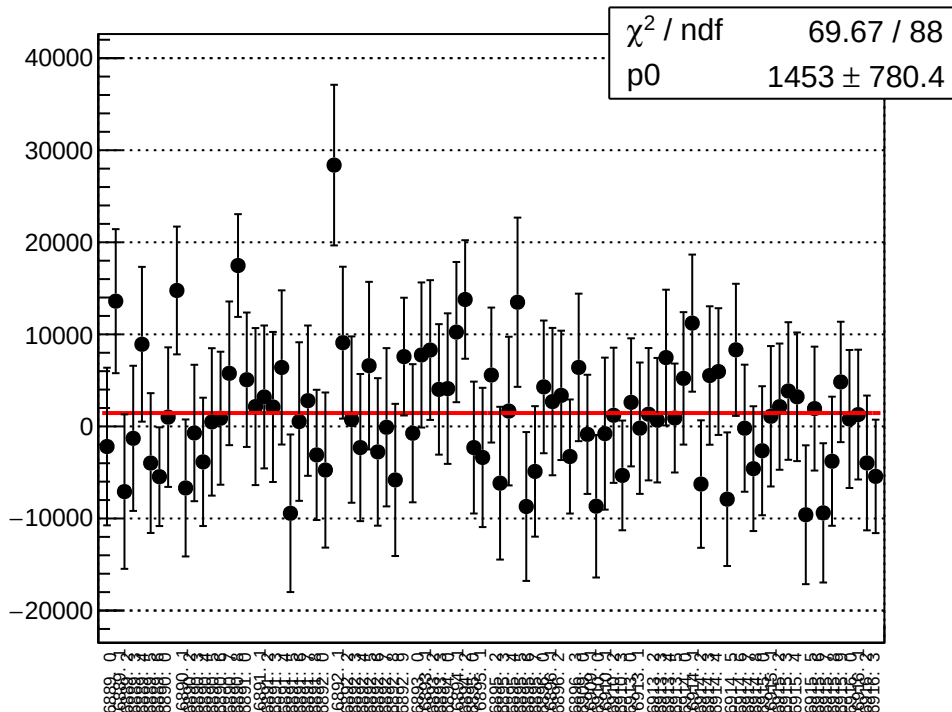


dit_asym_sam_3726_avg_rms vs run

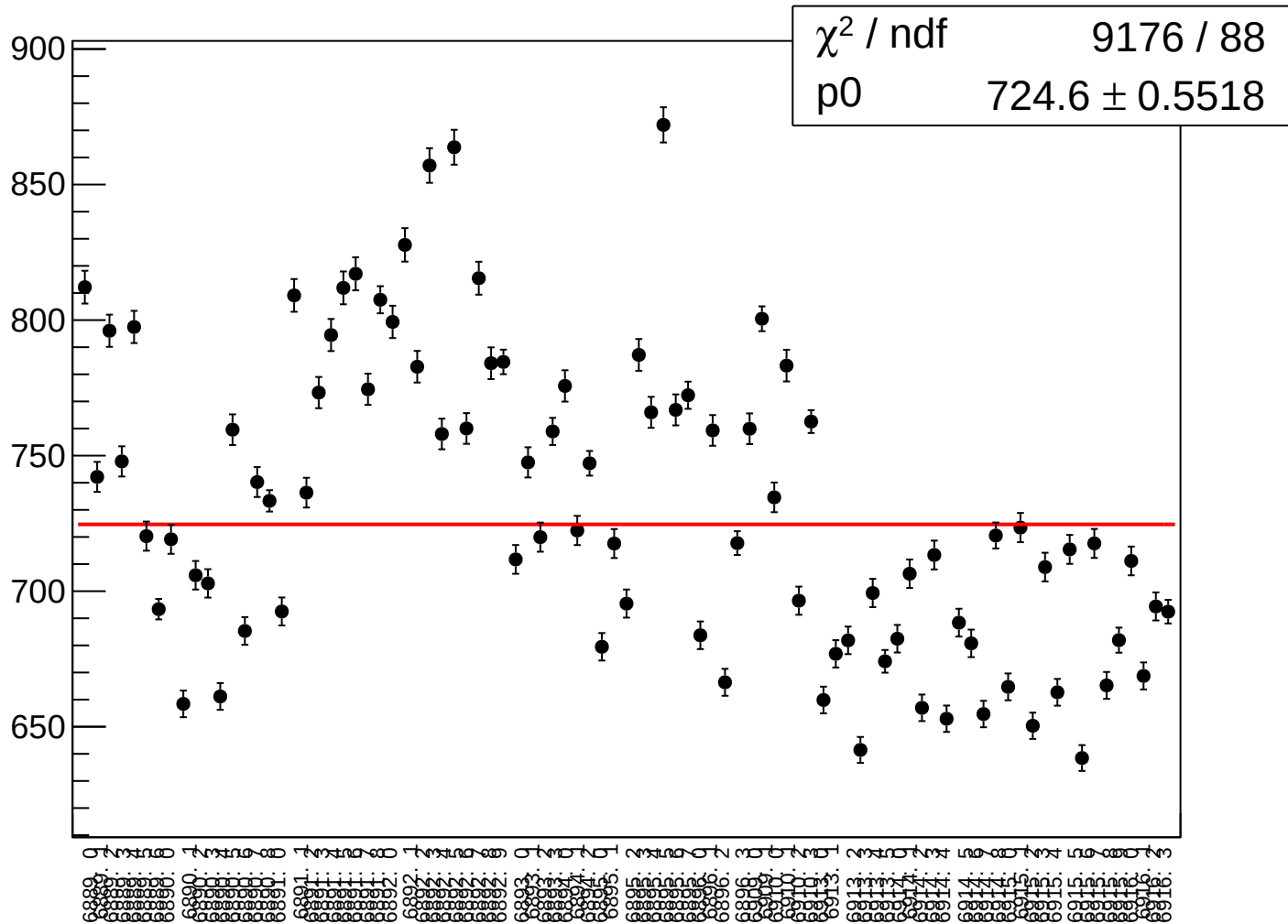
χ^2 / ndf 1.424e+04 / 88
p0 85.36 $\pm$ 0.0651



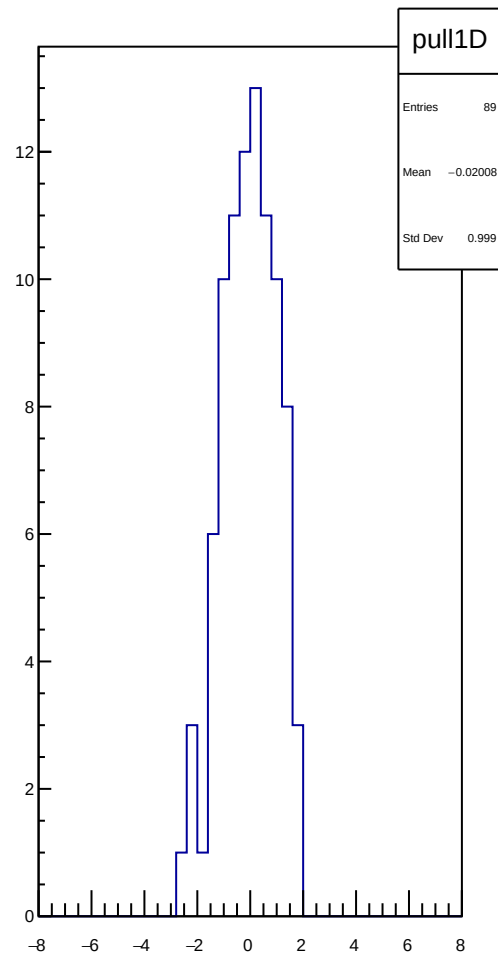
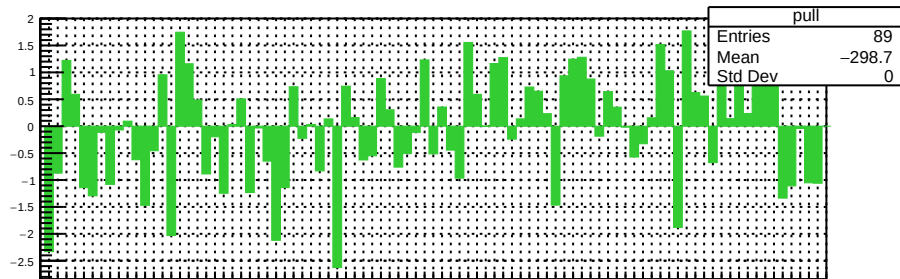
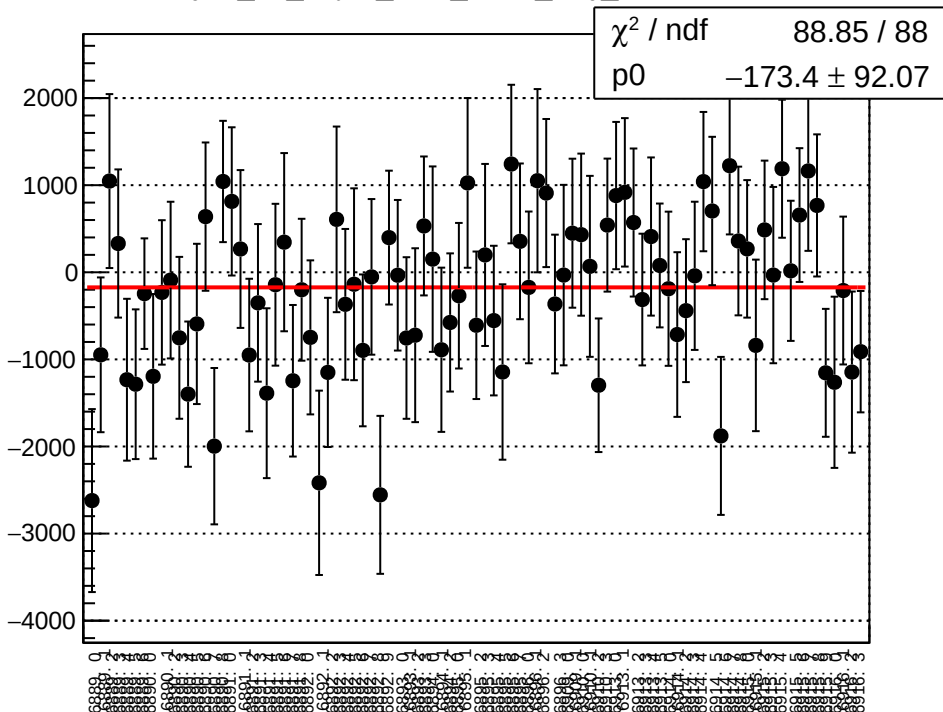
asym_sam_3726_avg_dit_correction_mean vs run



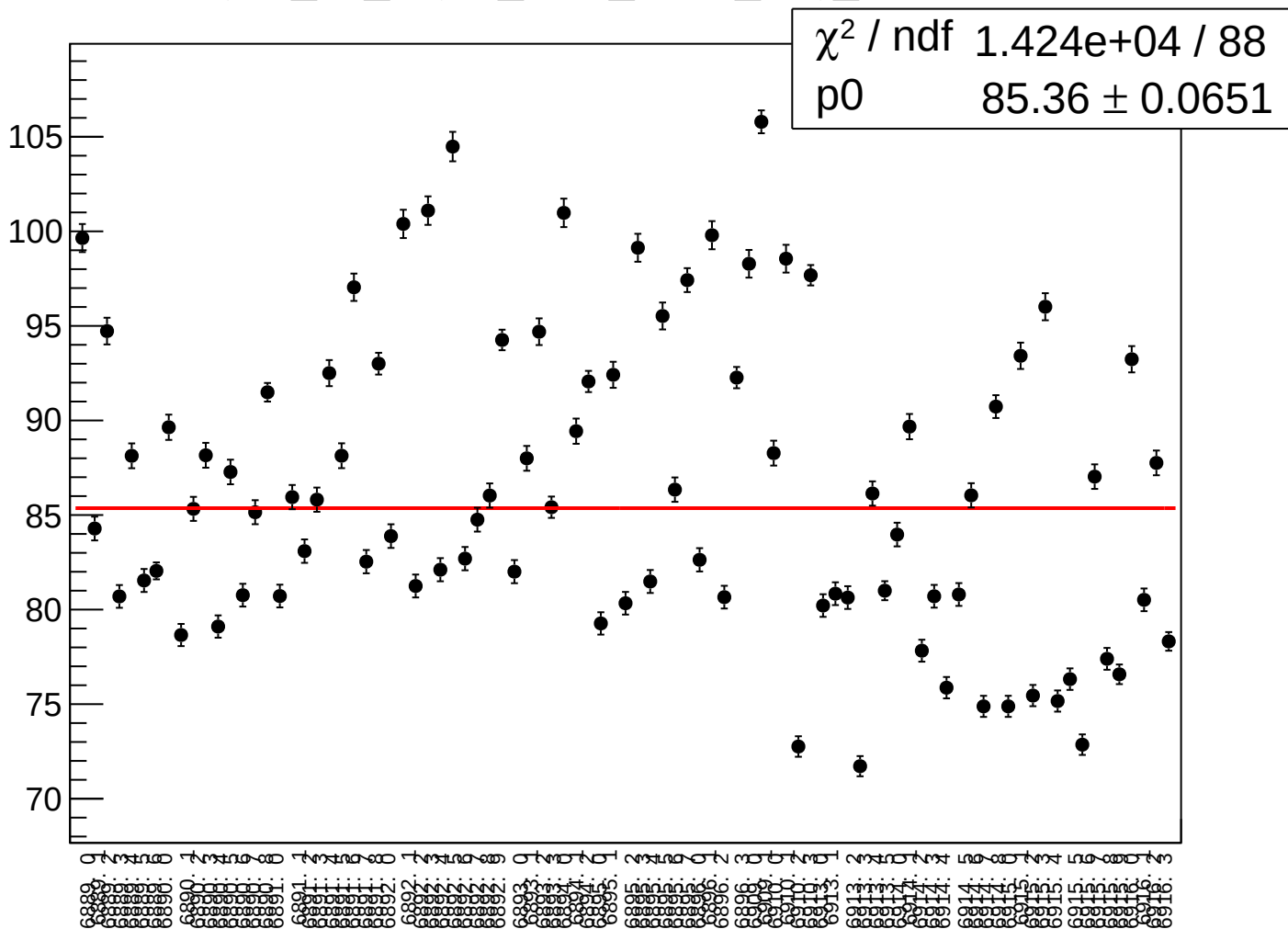
asym_sam_3726_avg_dit_correction_rms vs run



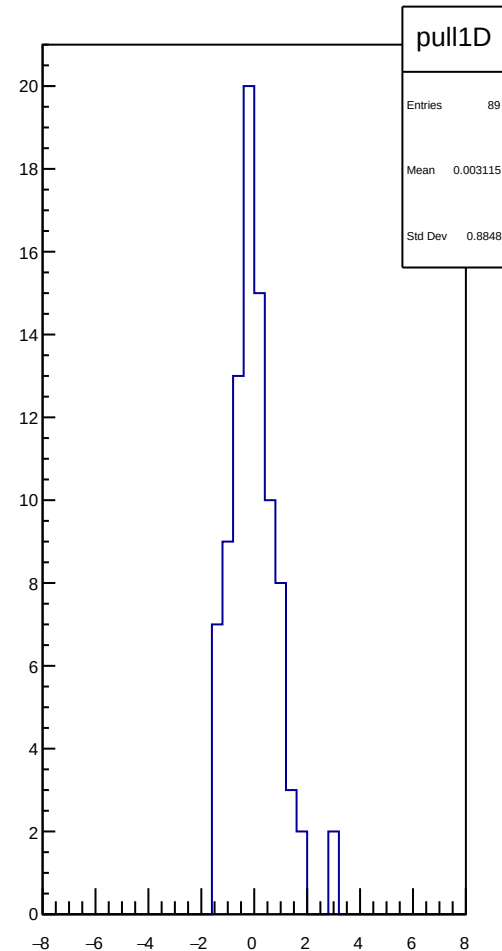
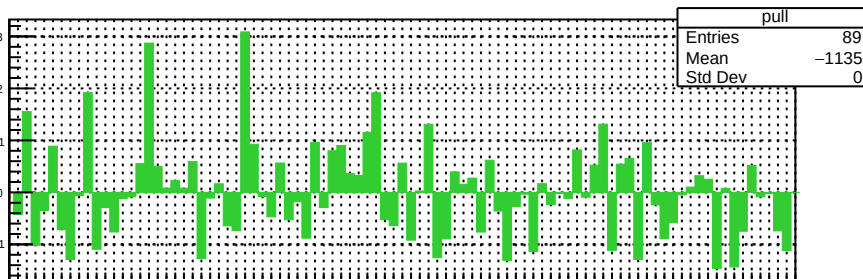
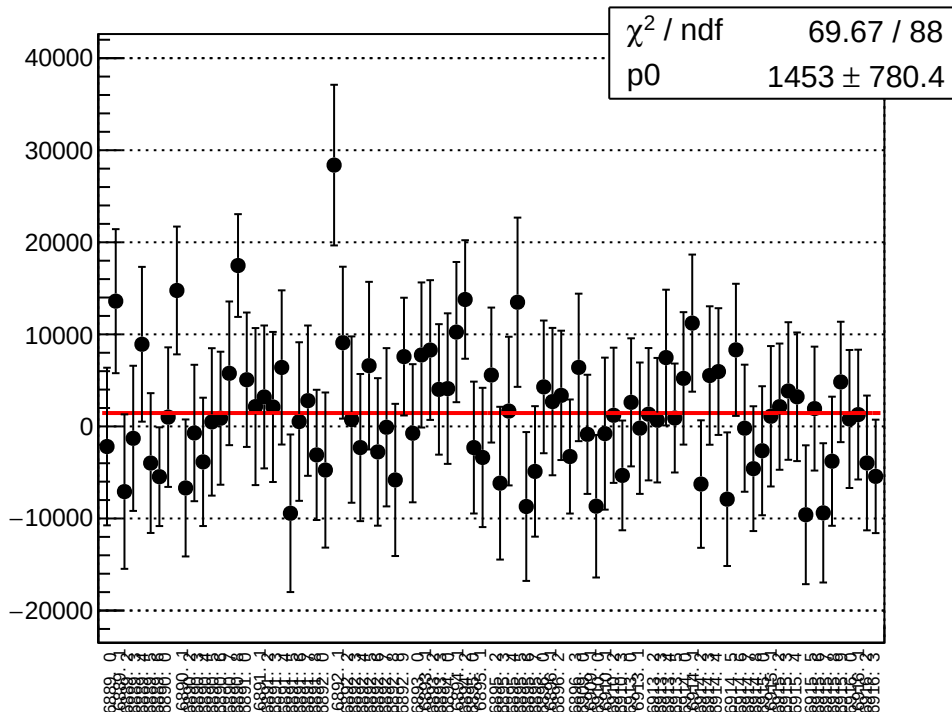
eigen_dit_asym_sam_3726_avg_mean vs run



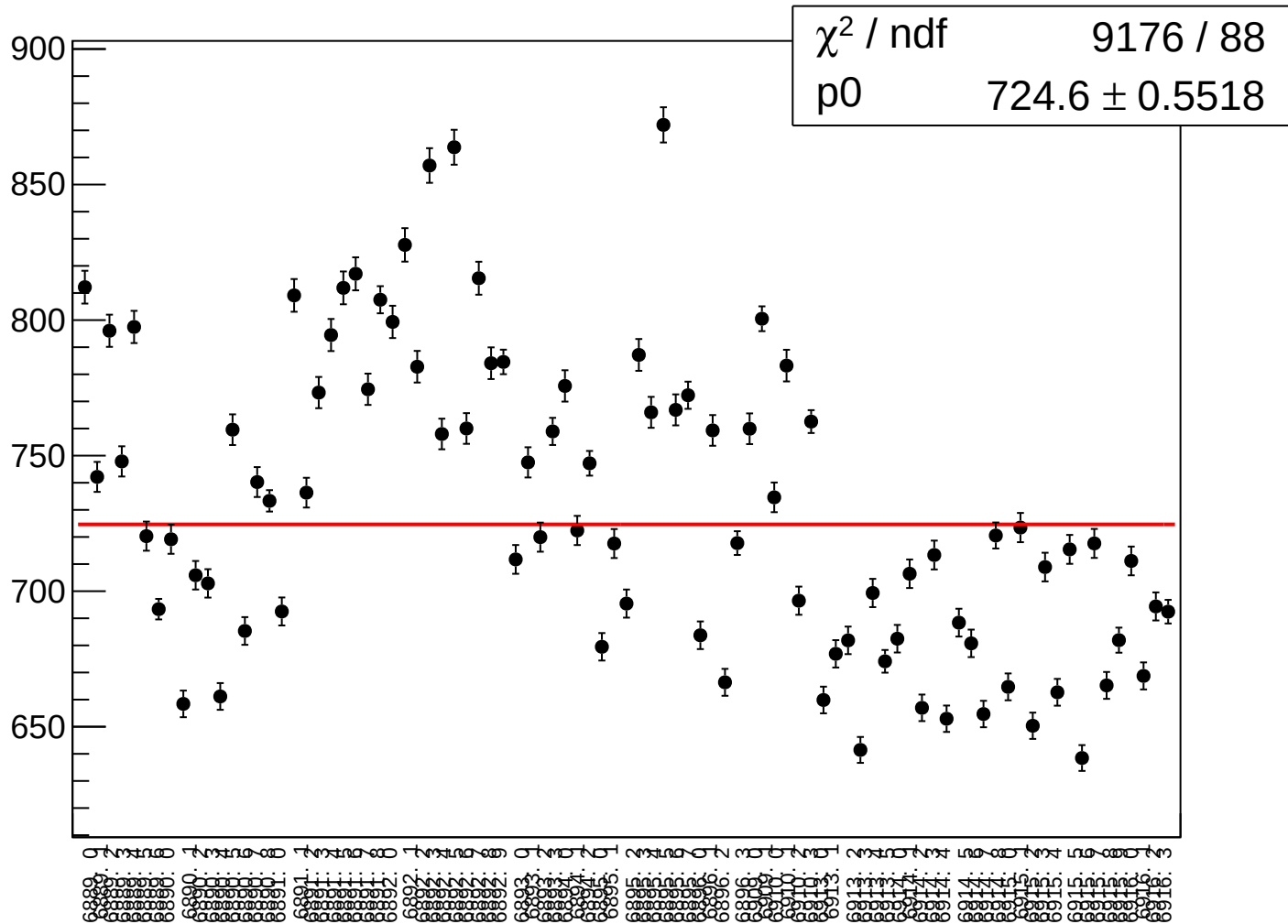
eigen_dit_asym_sam_3726_avg_rms vs run



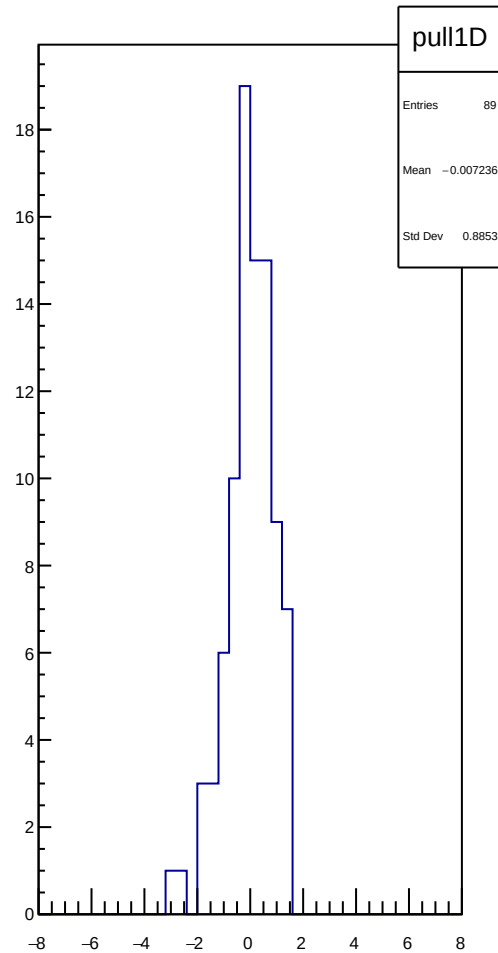
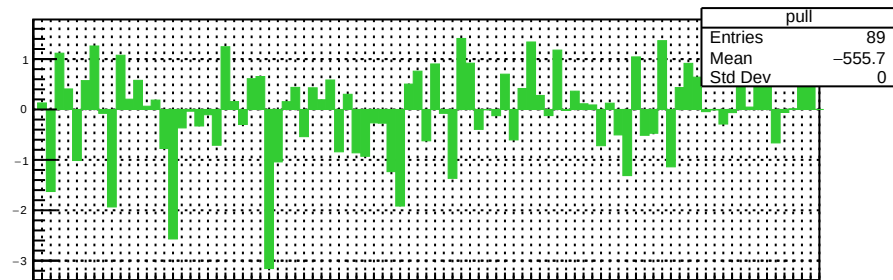
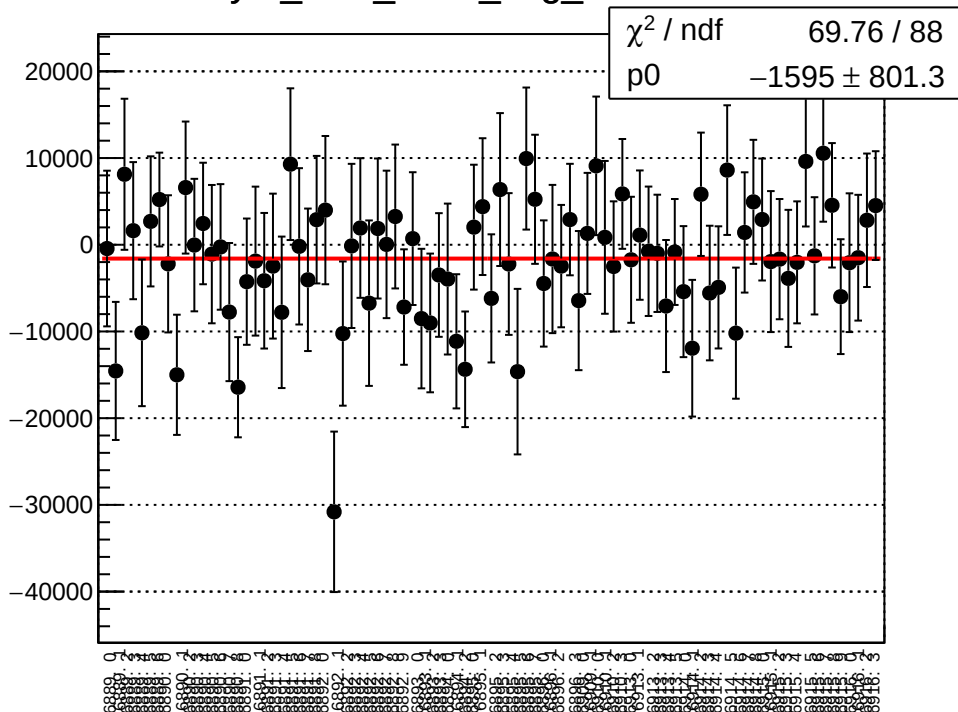
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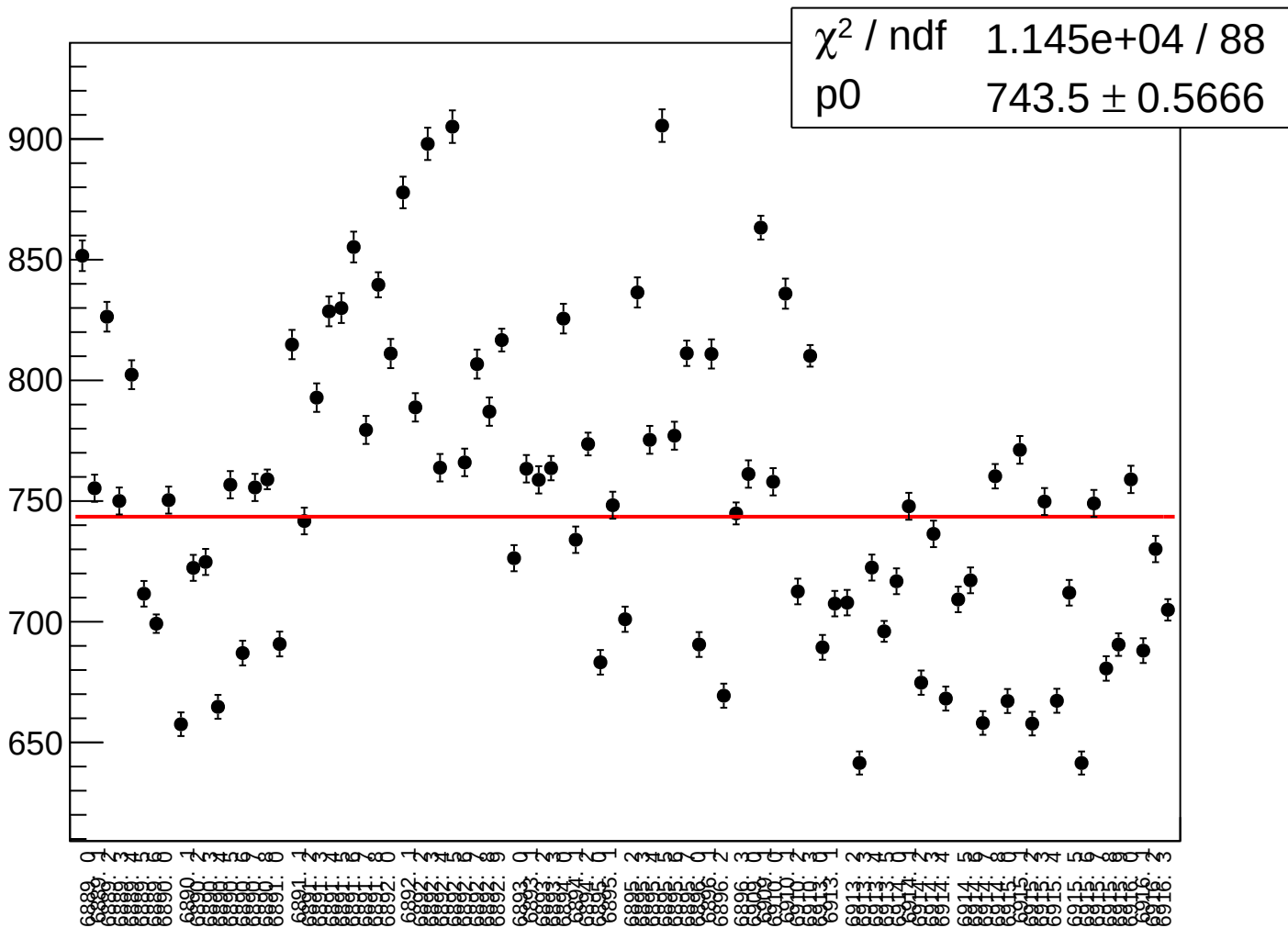
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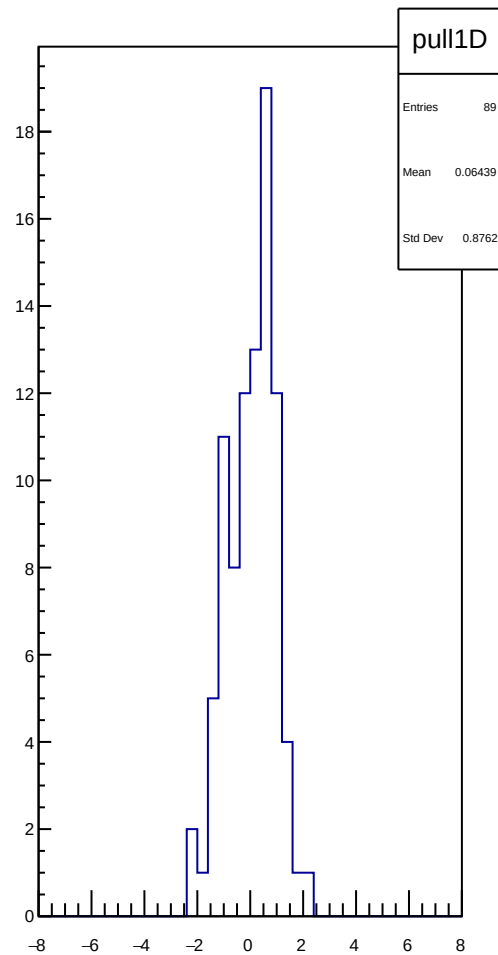
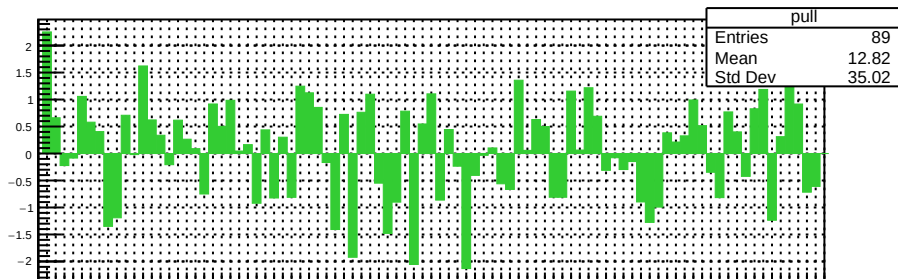
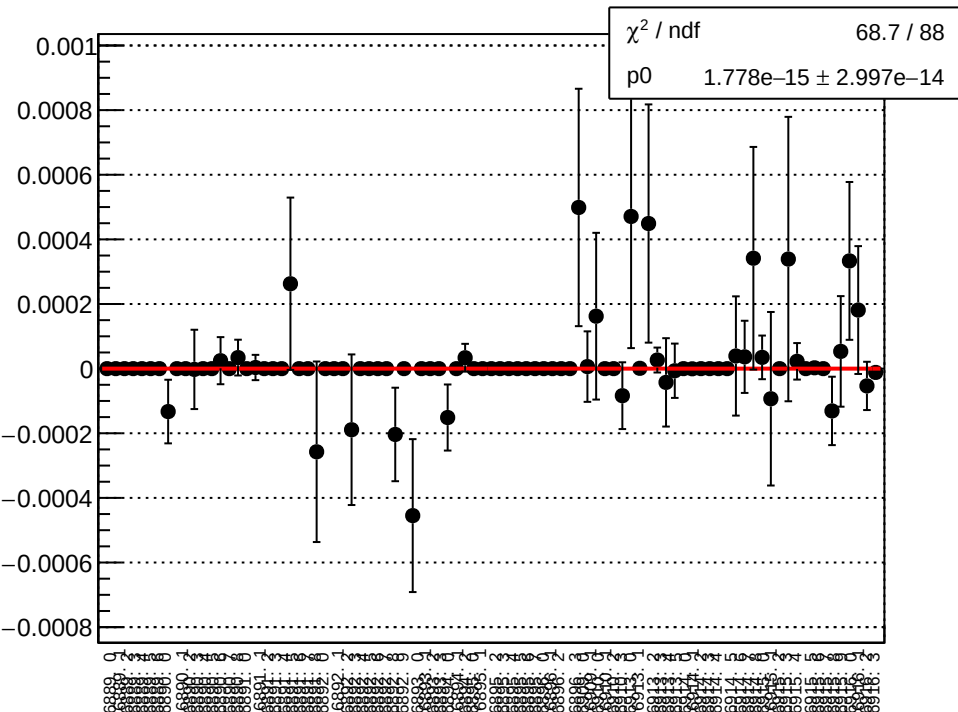
asym_sam_3726_avg_mean vs run



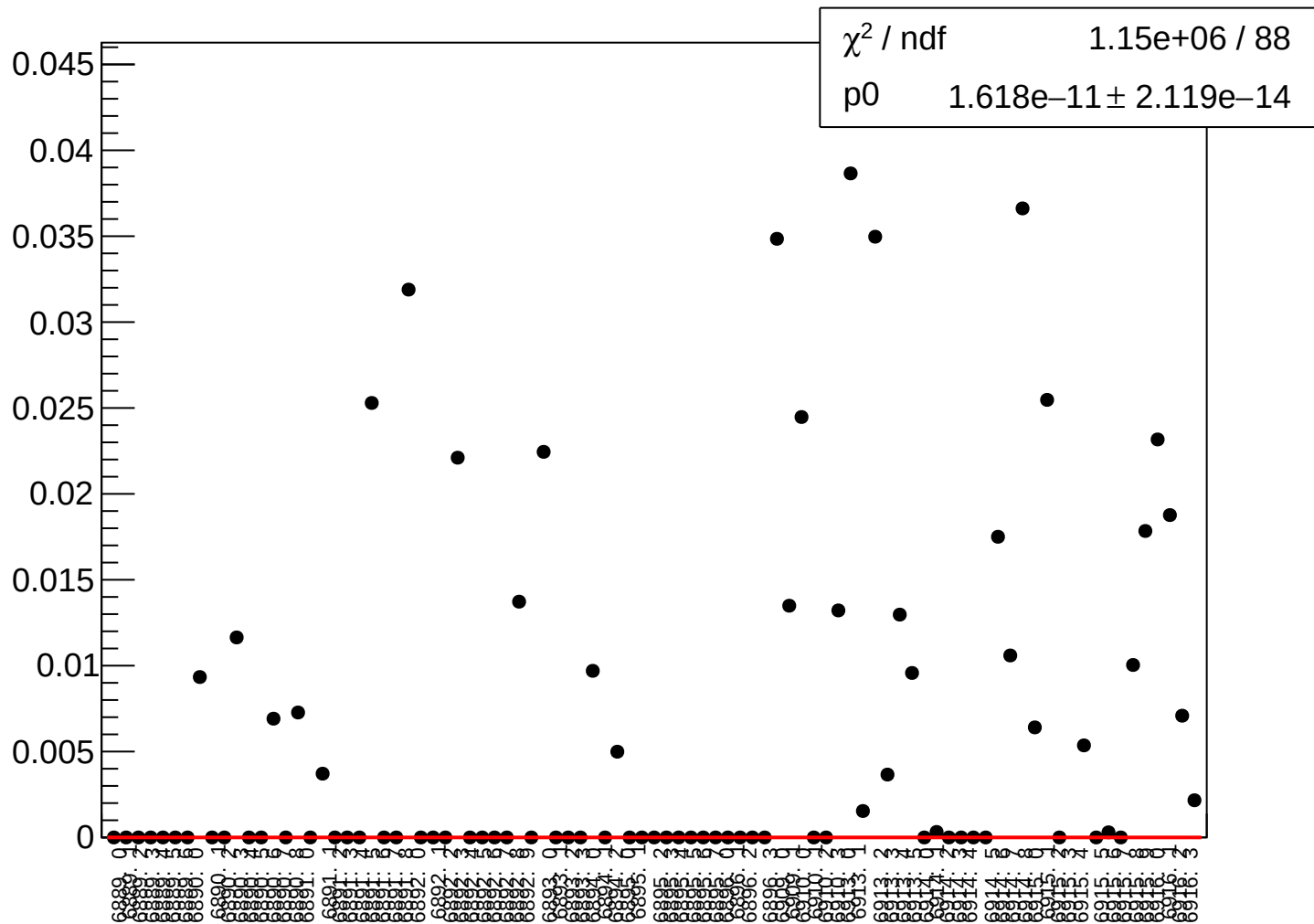
asym_sam_3726_avg_rms vs run



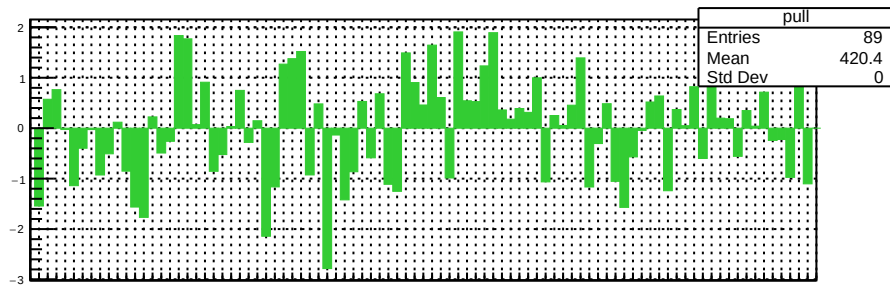
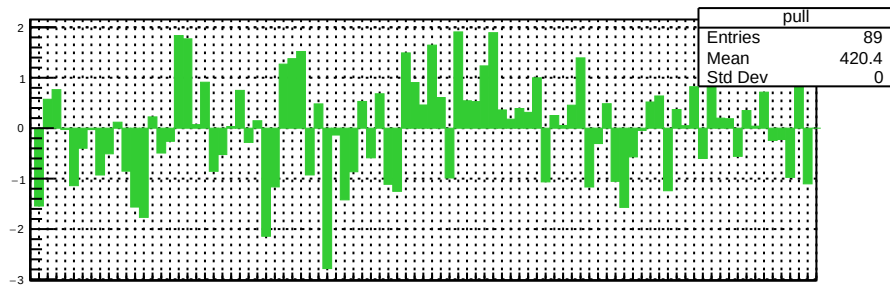
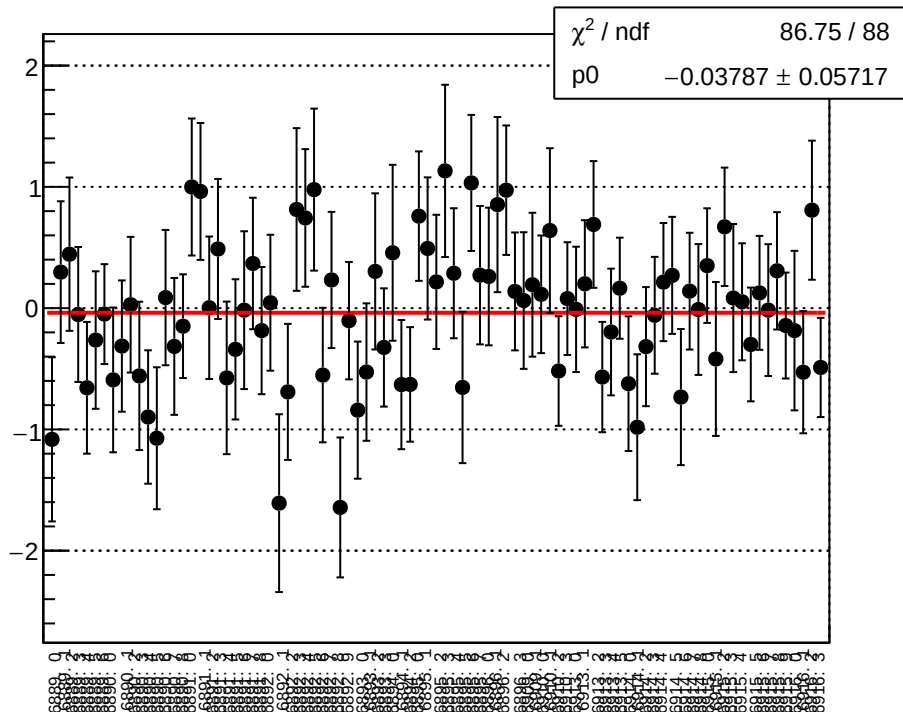
asym_sam_3726_avg_reg_vs_cor_diff_mean vs run



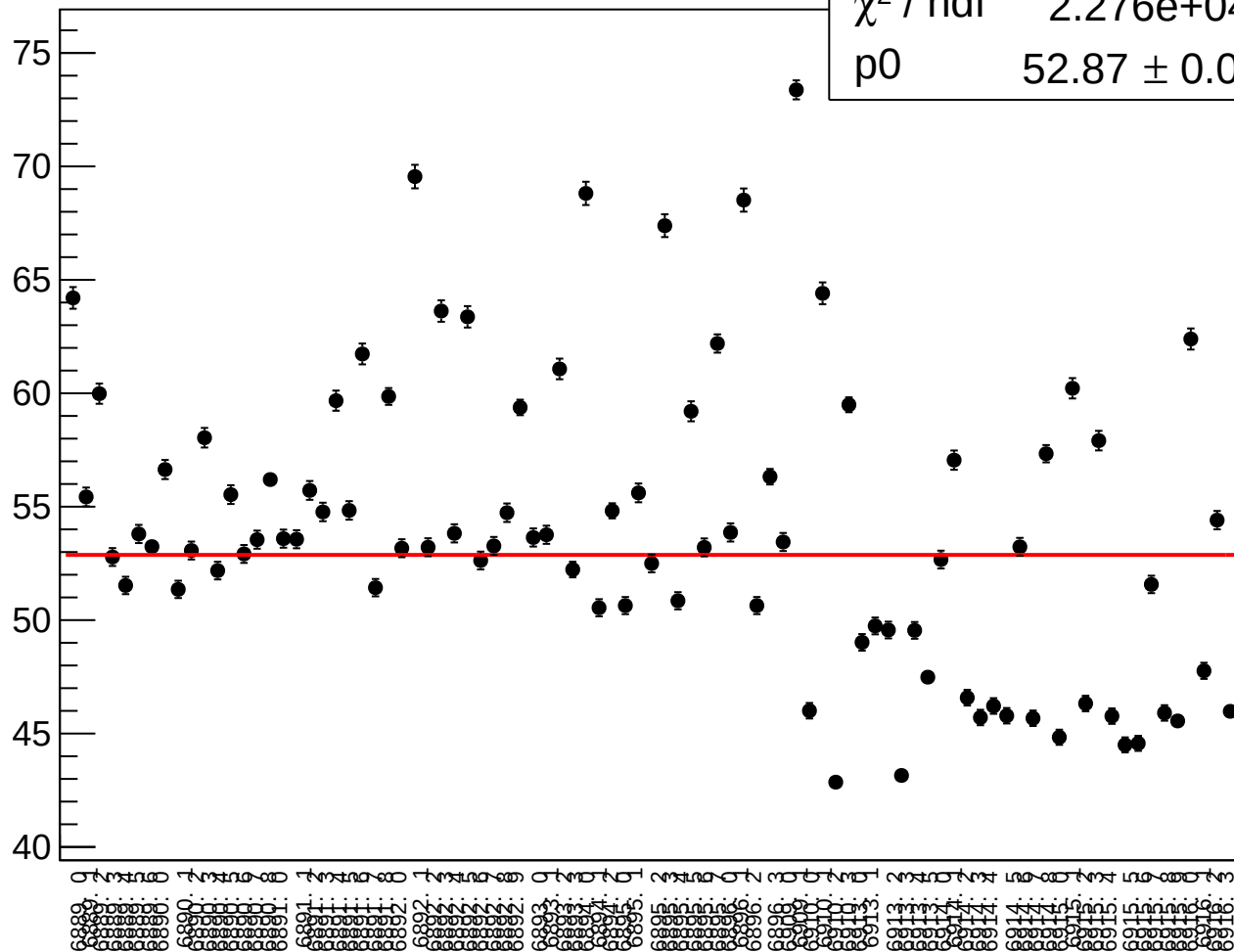
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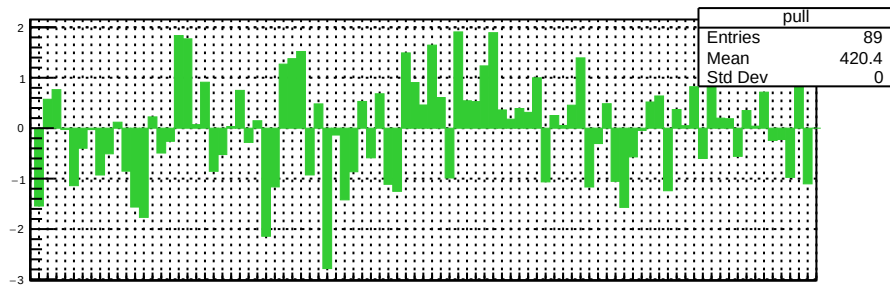
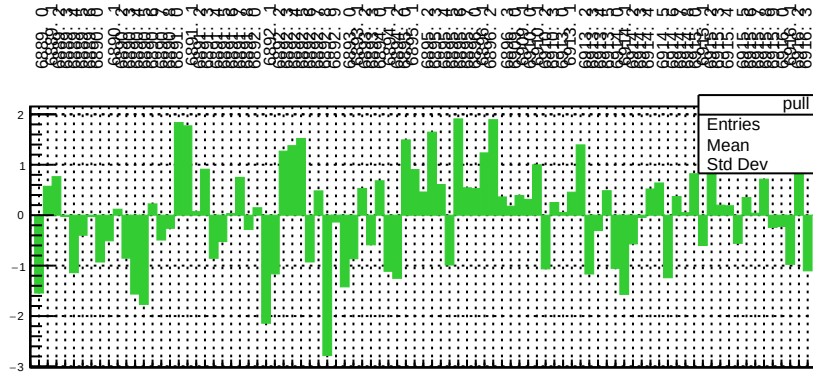
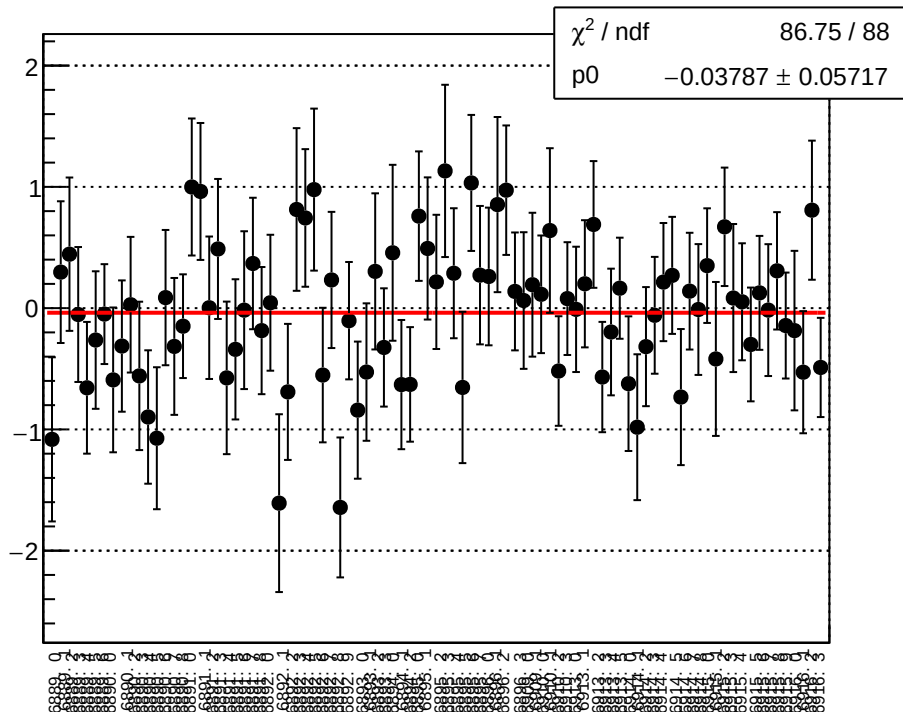
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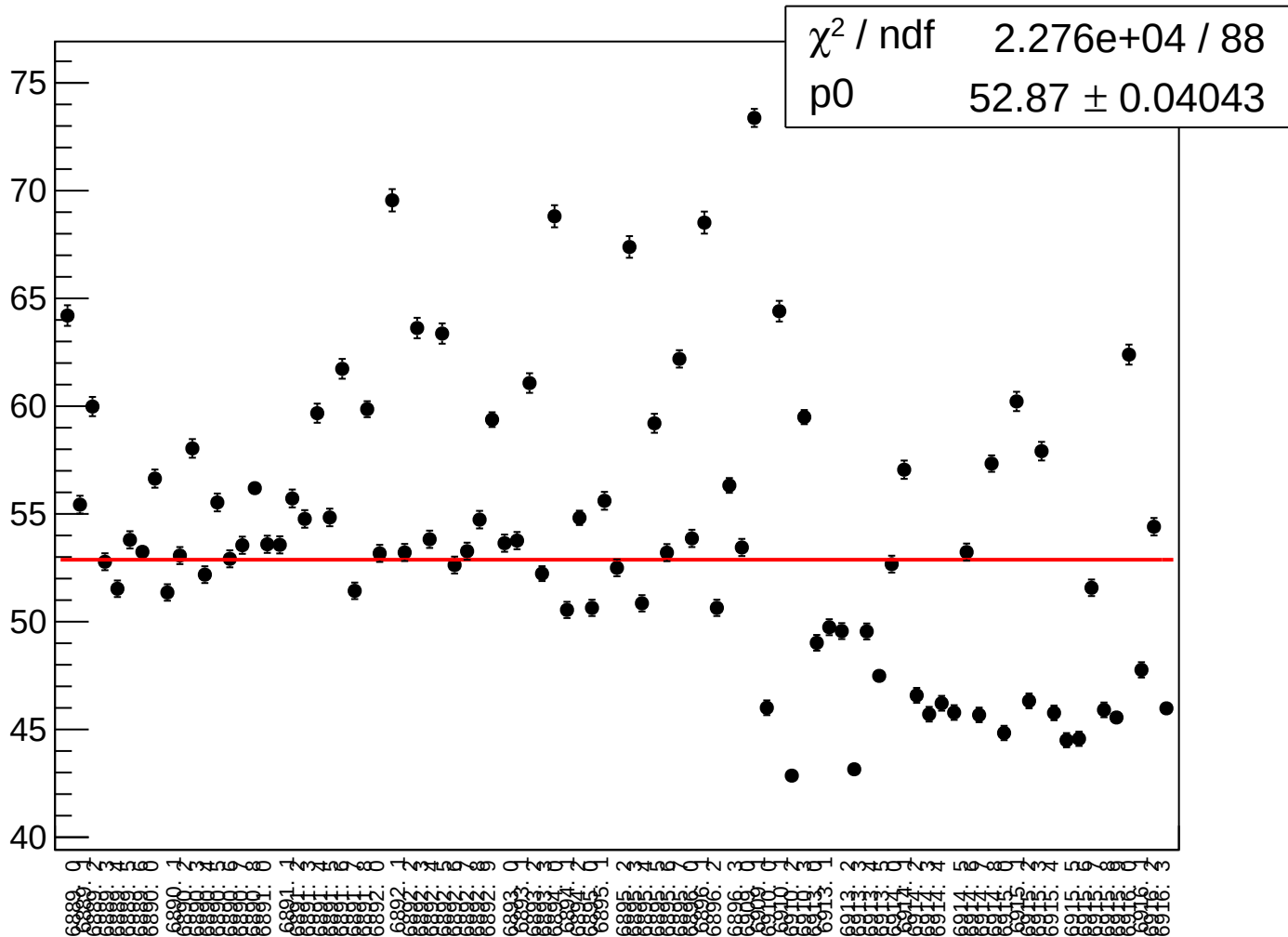
χ^2 / ndf 2.276e+04 / 88
p0 52.87 ± 0.04043



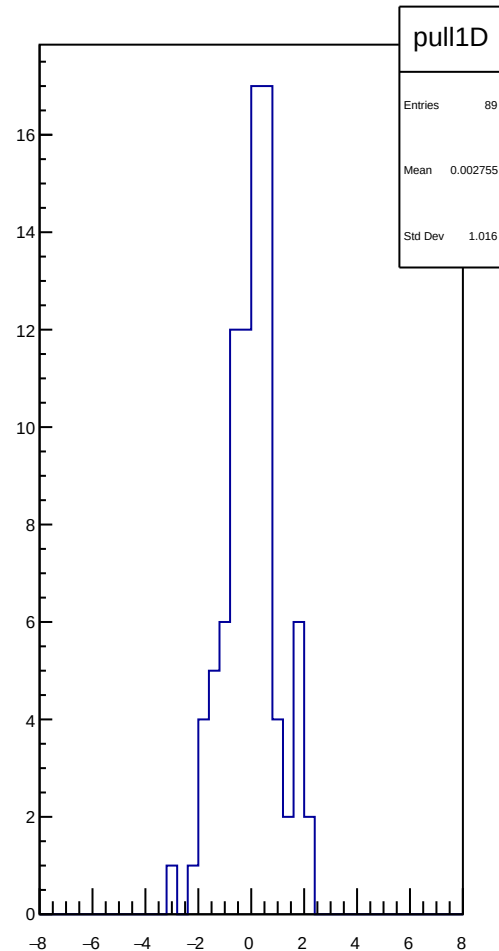
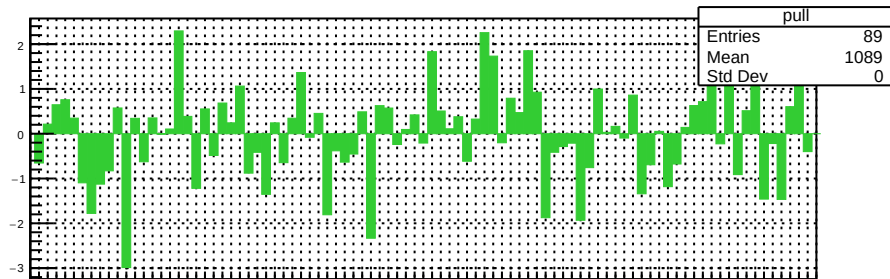
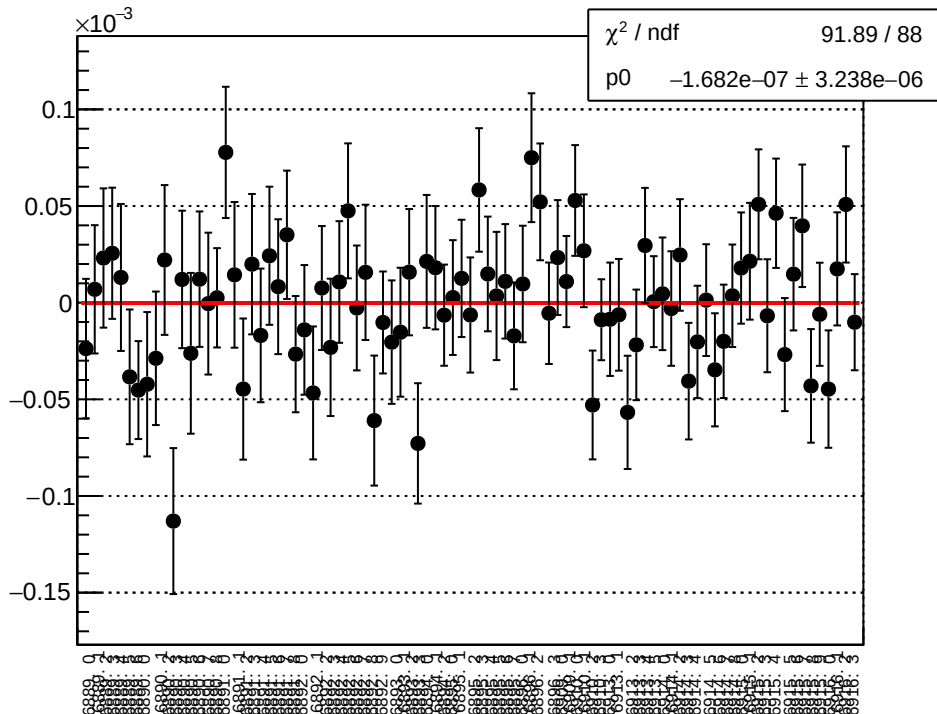
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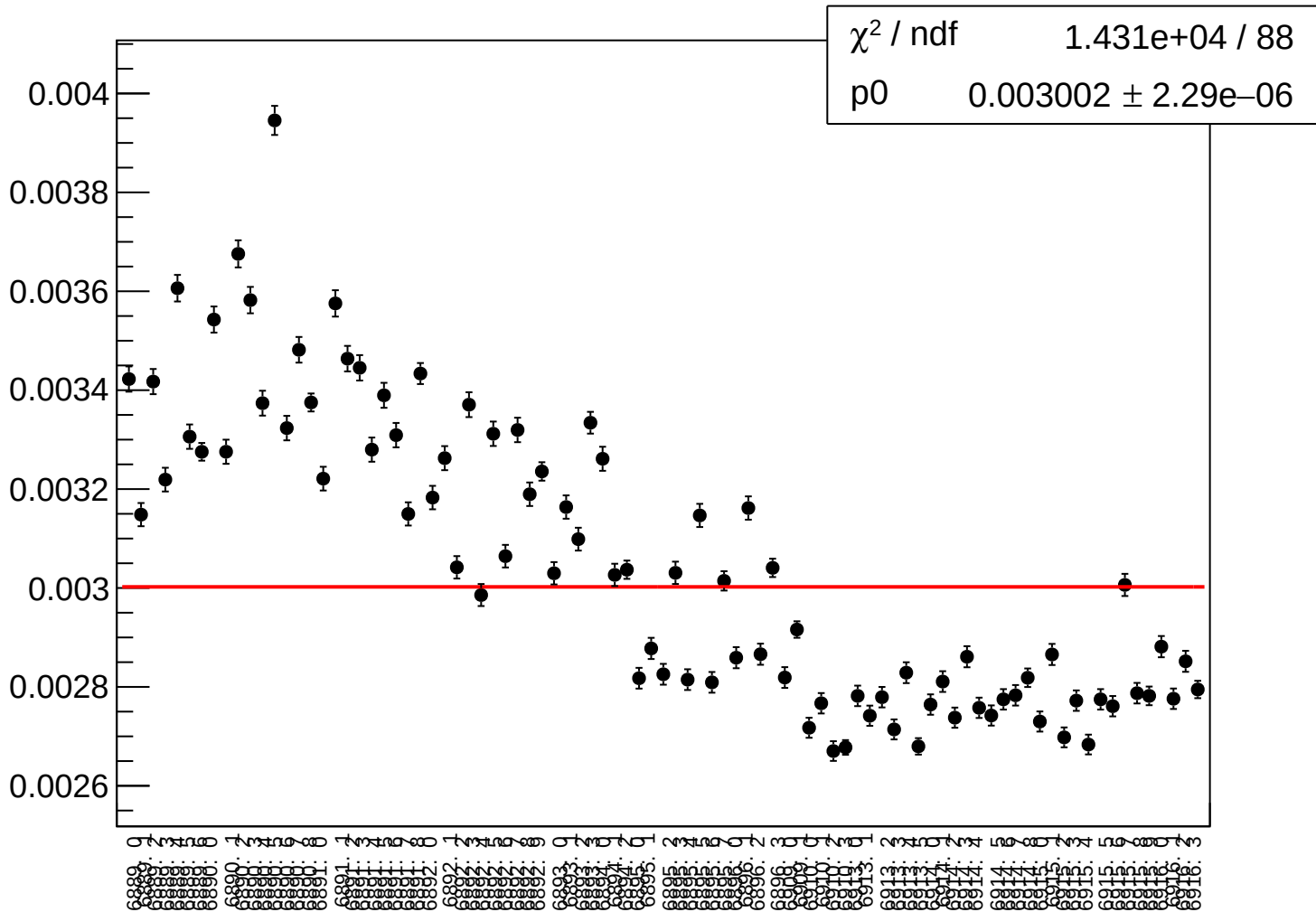
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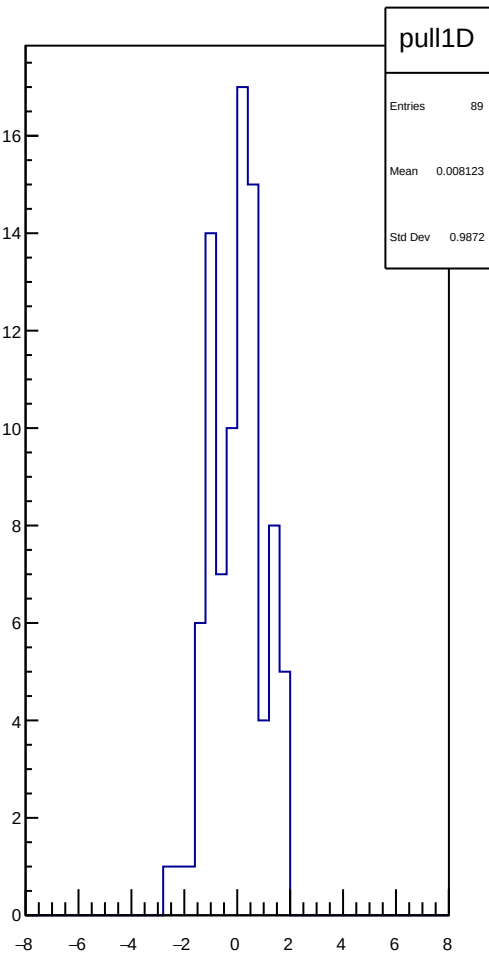
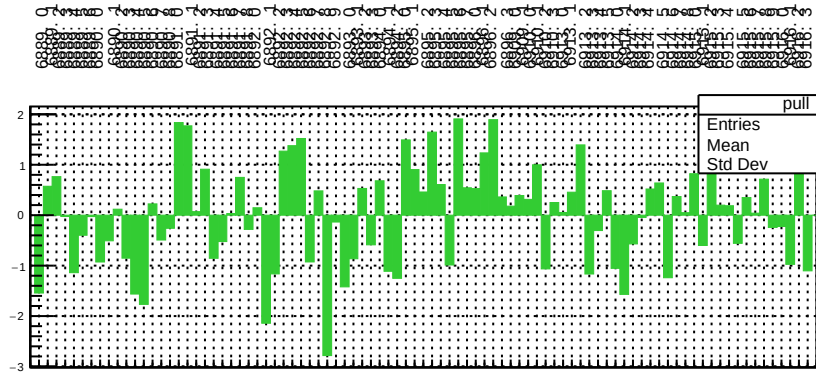
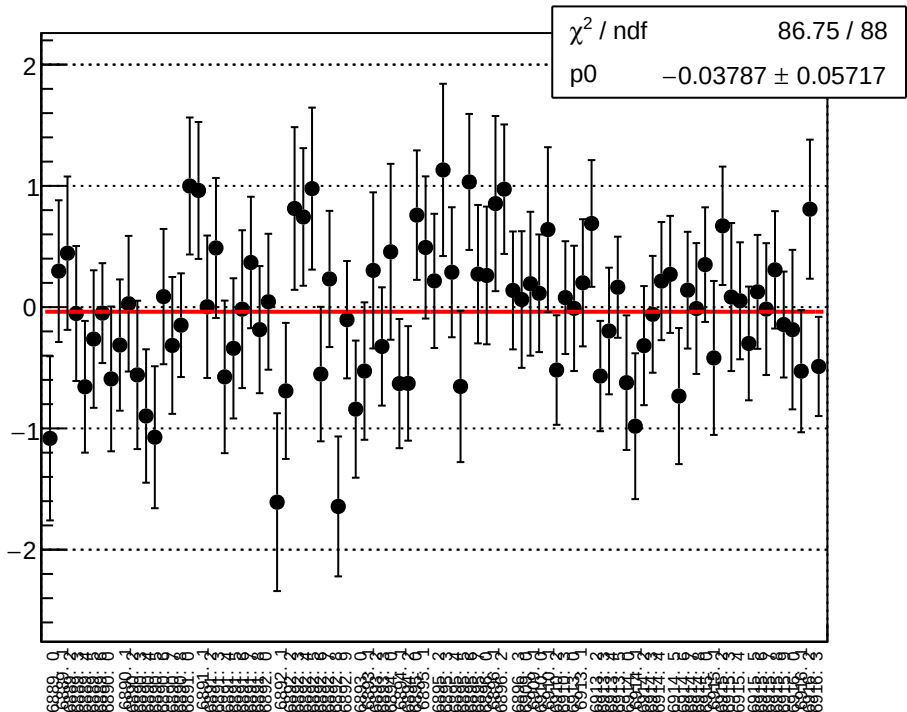
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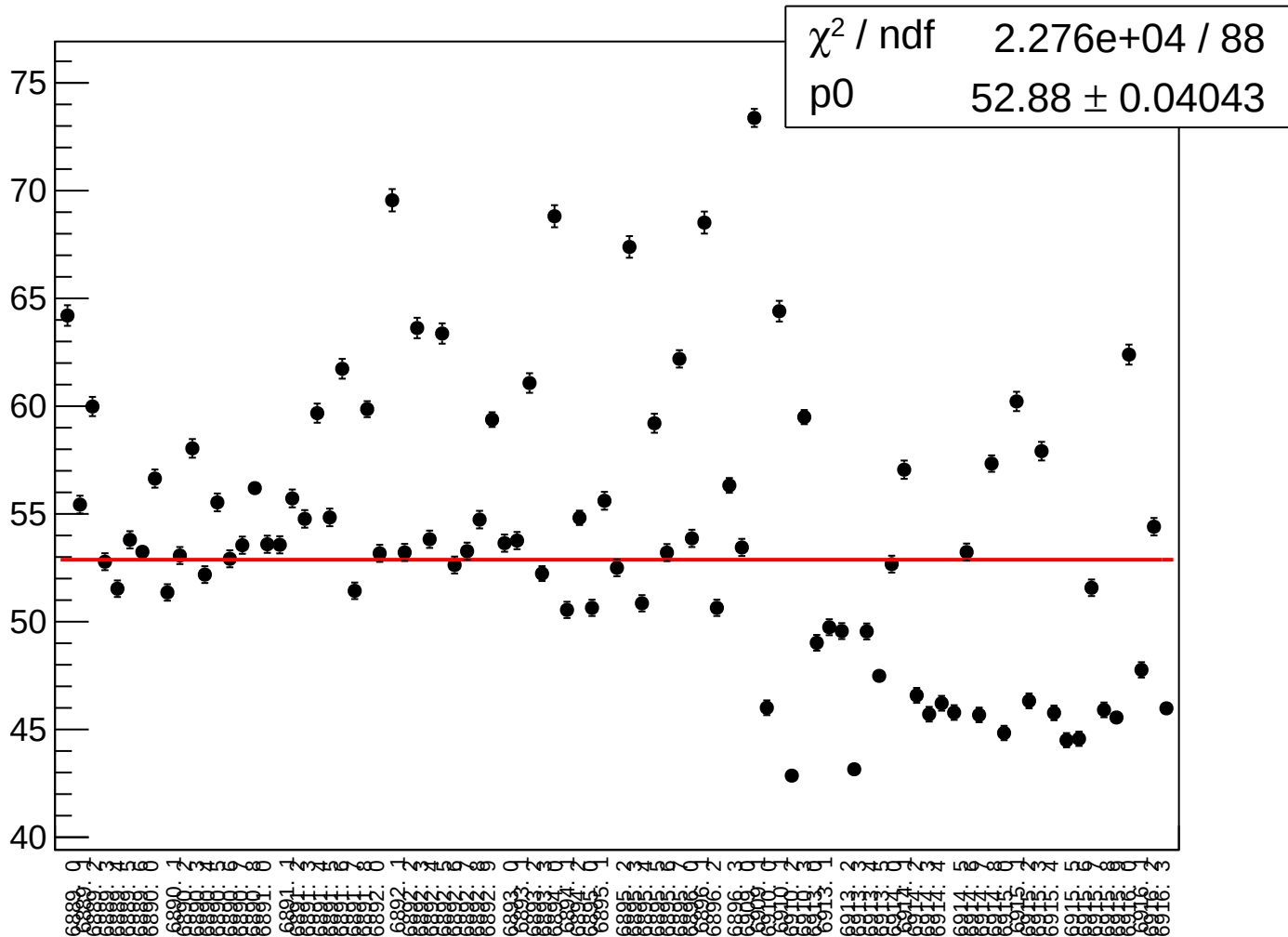
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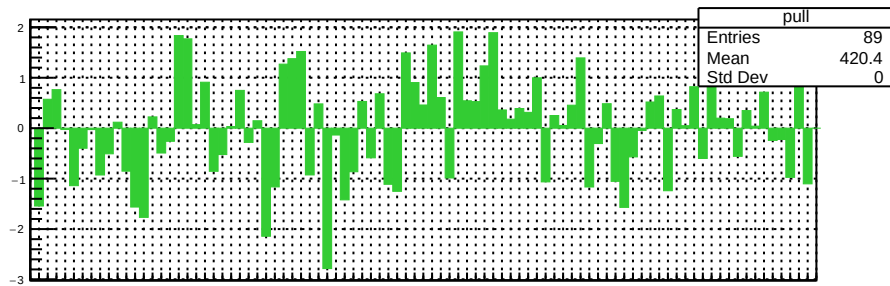
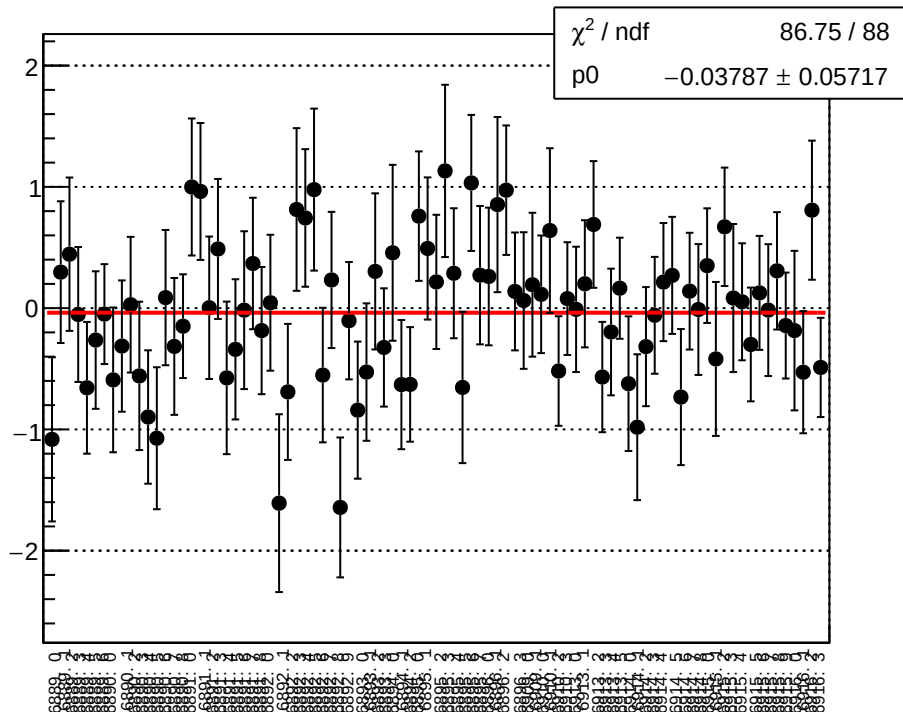
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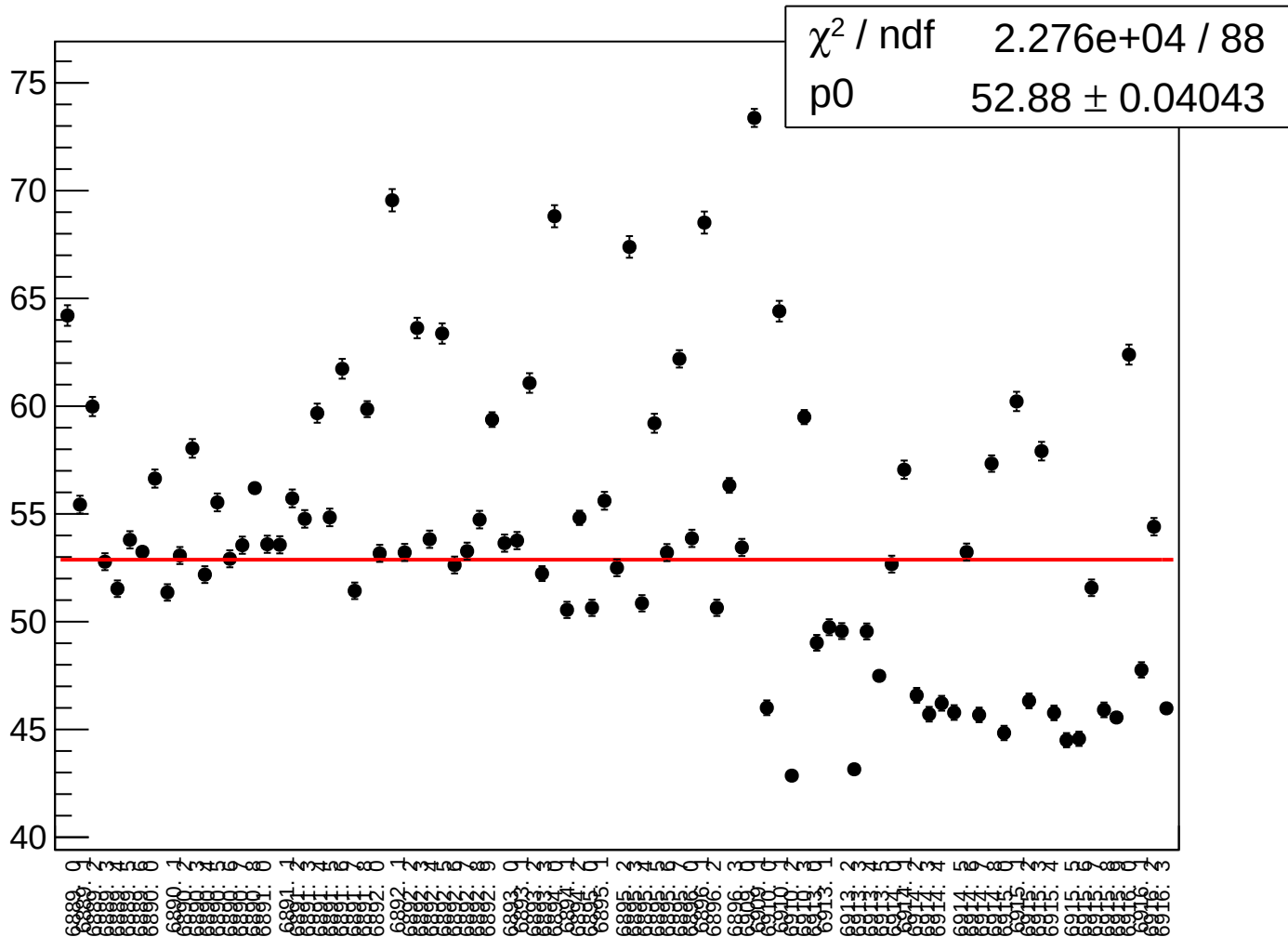
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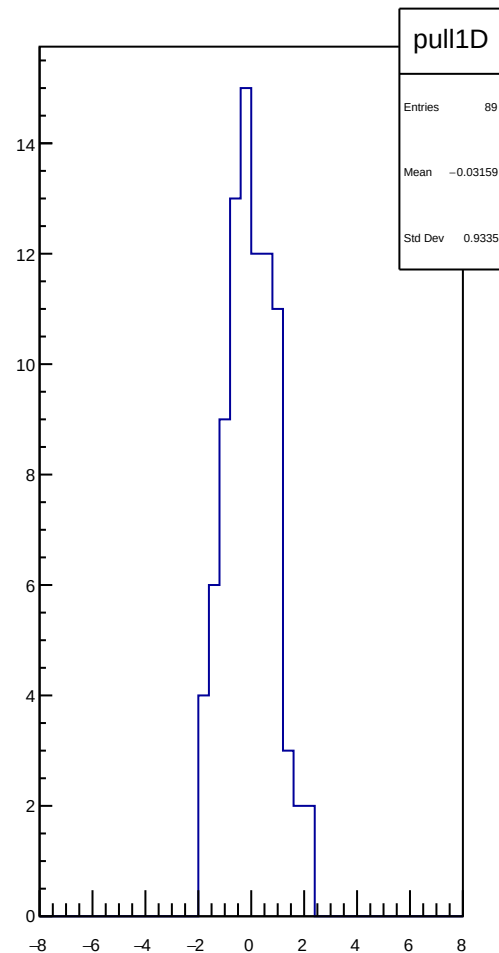
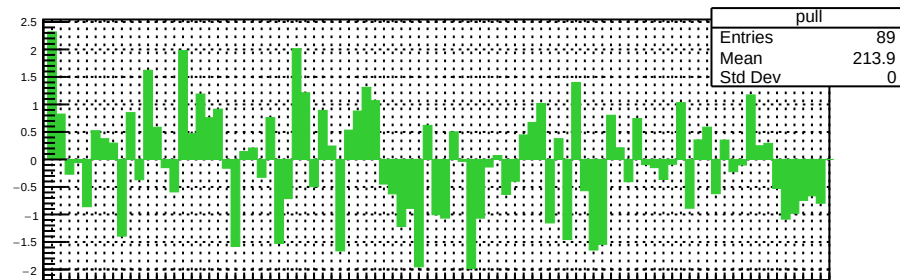
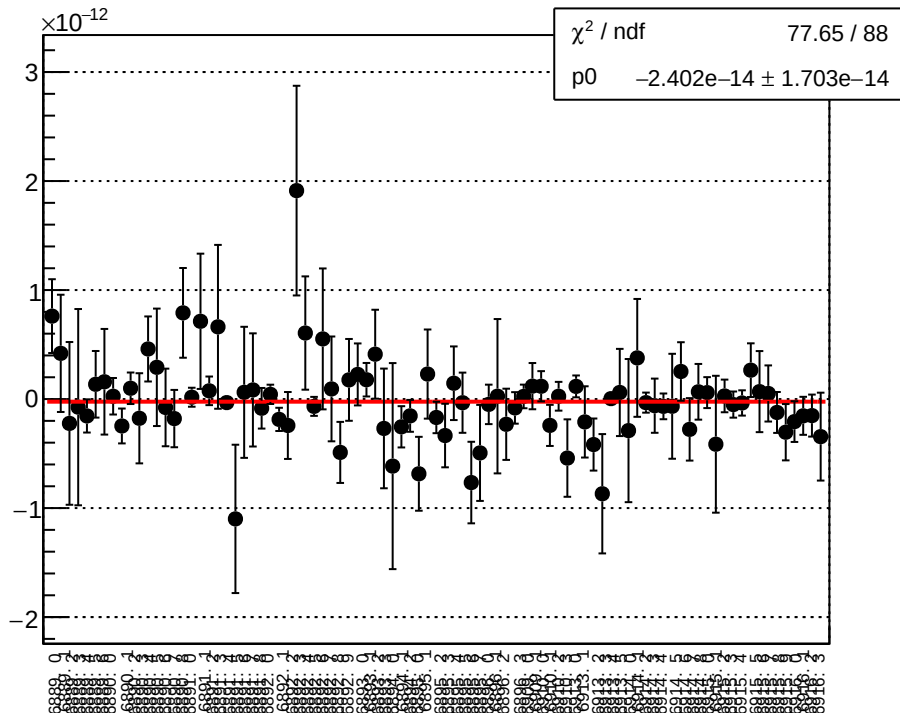
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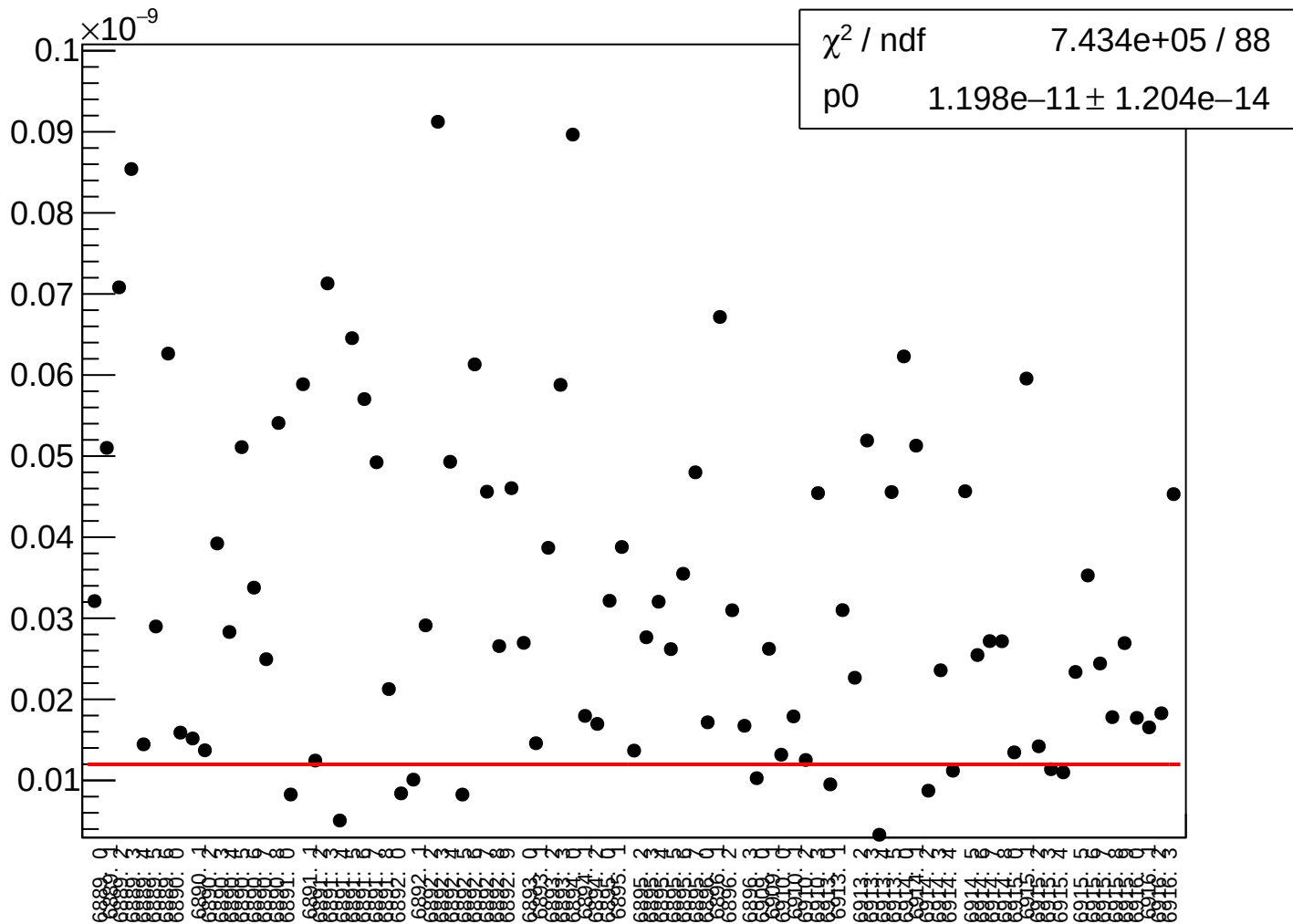
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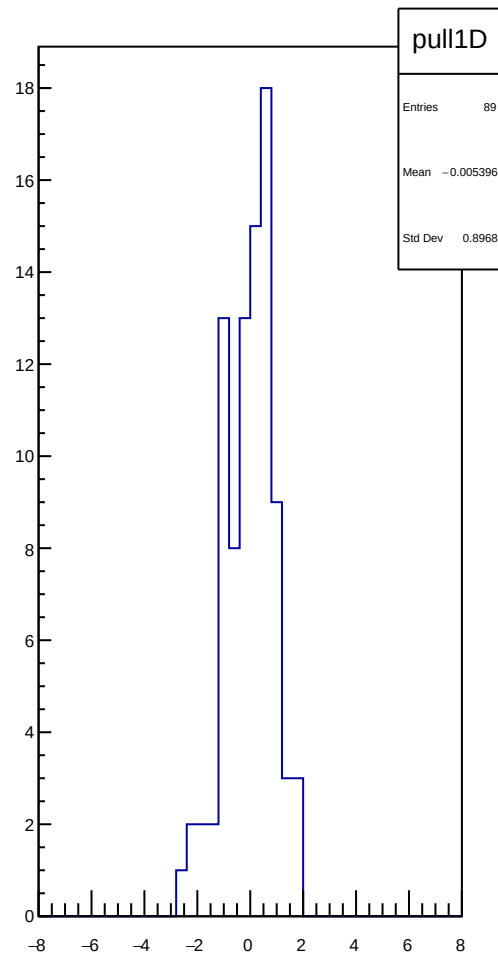
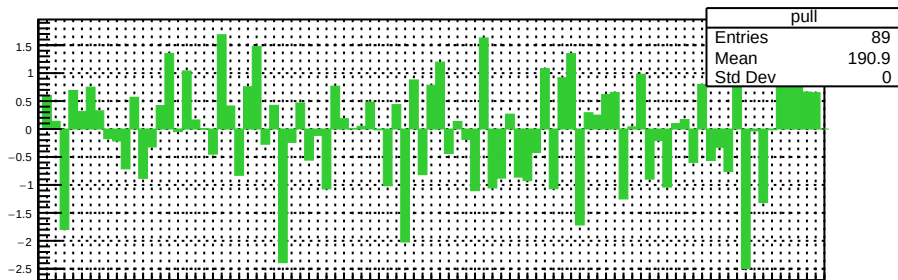
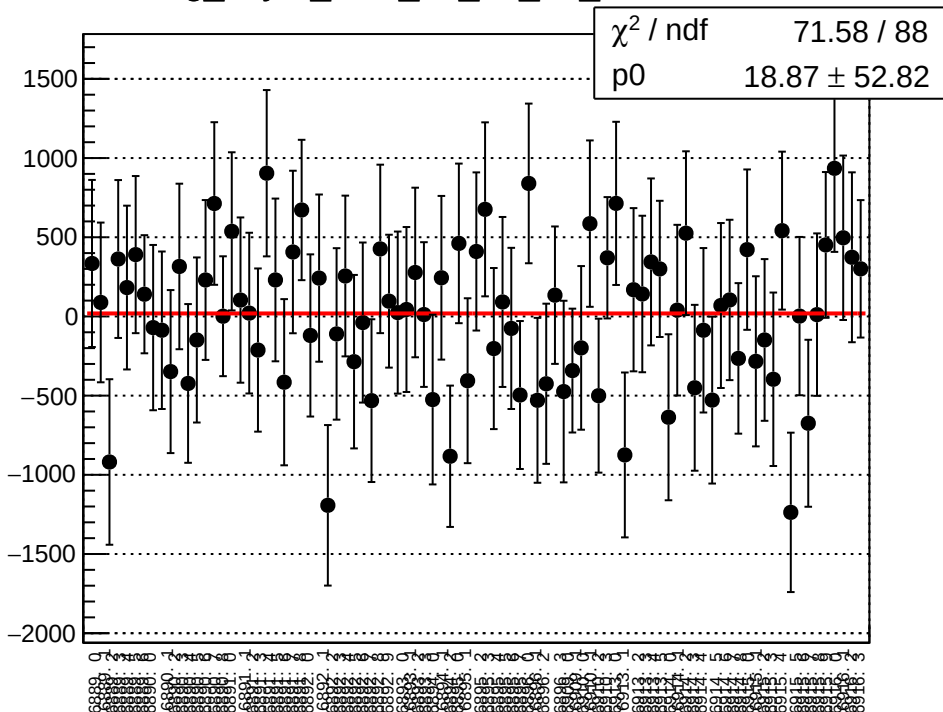
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asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs run



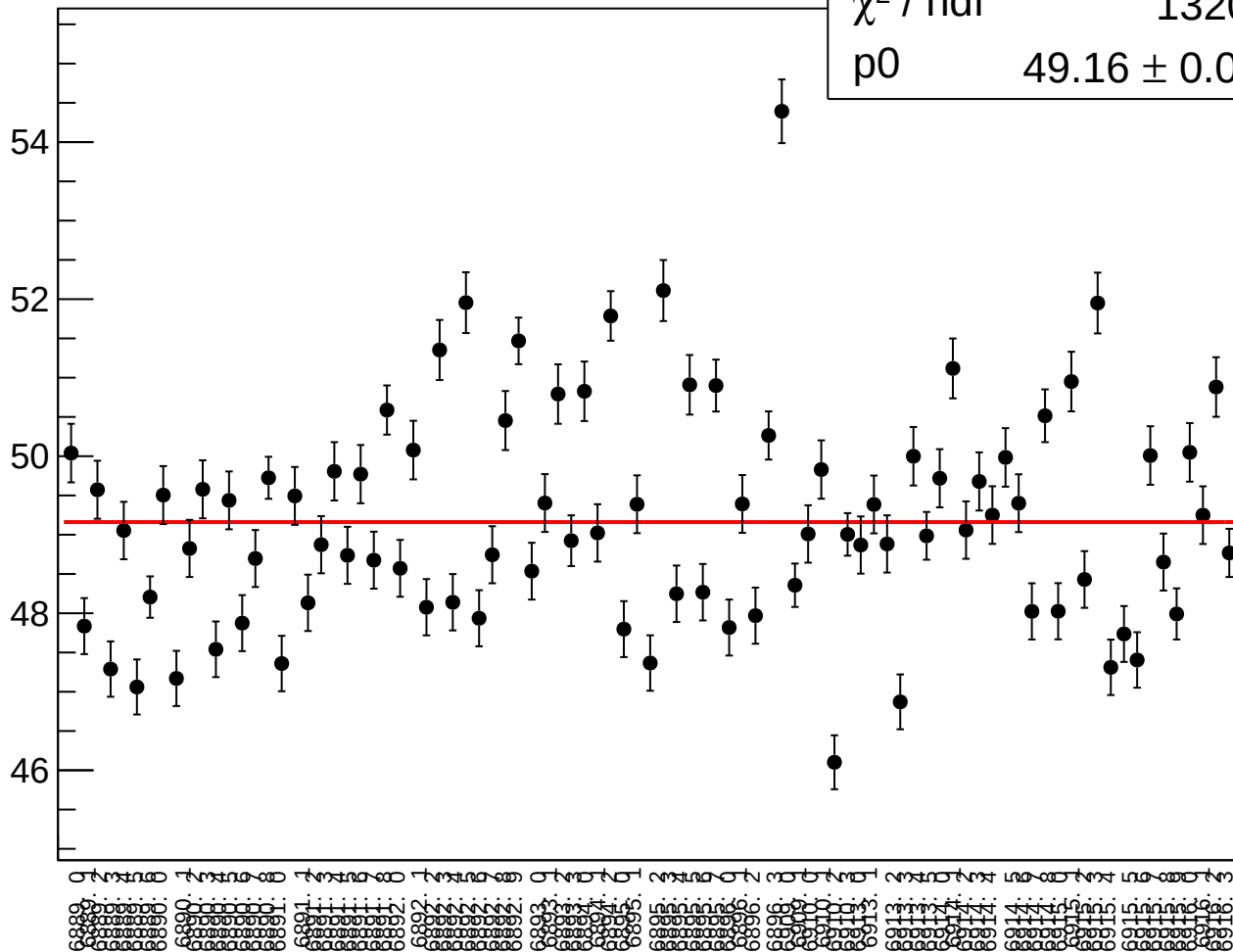
reg_asym_sam_15_48_dd_mean vs run



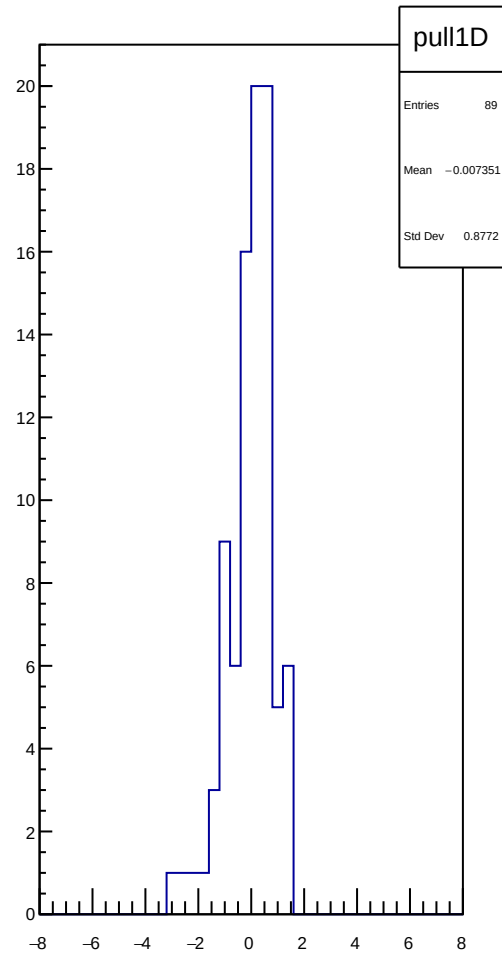
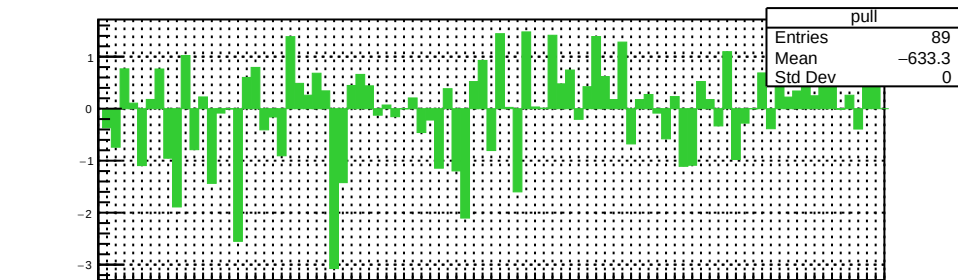
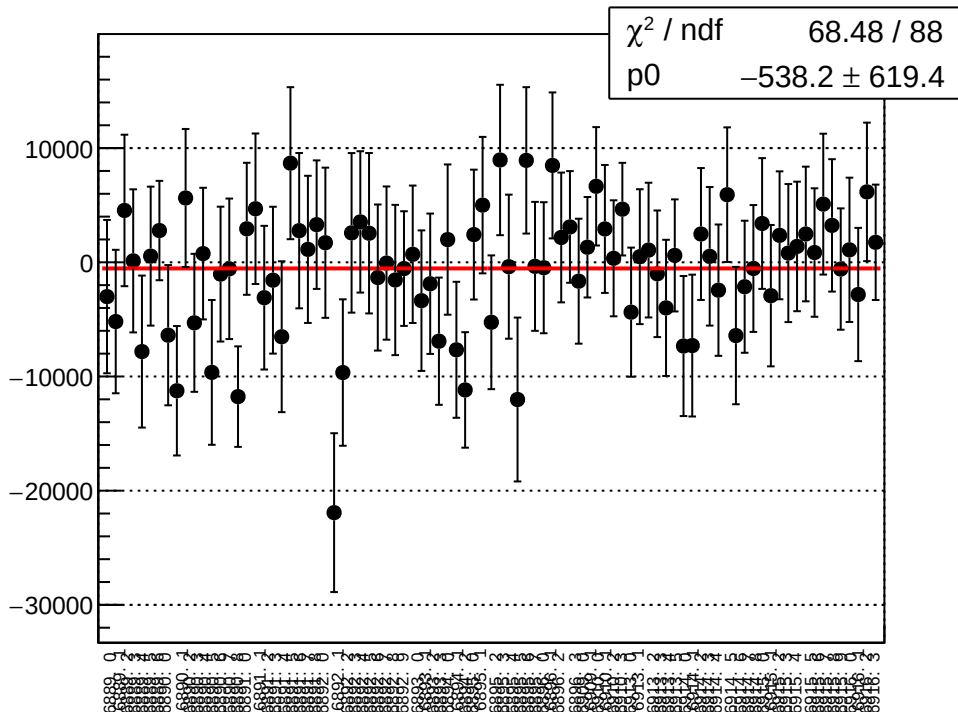
χ^2 / ndf

1320 / 88

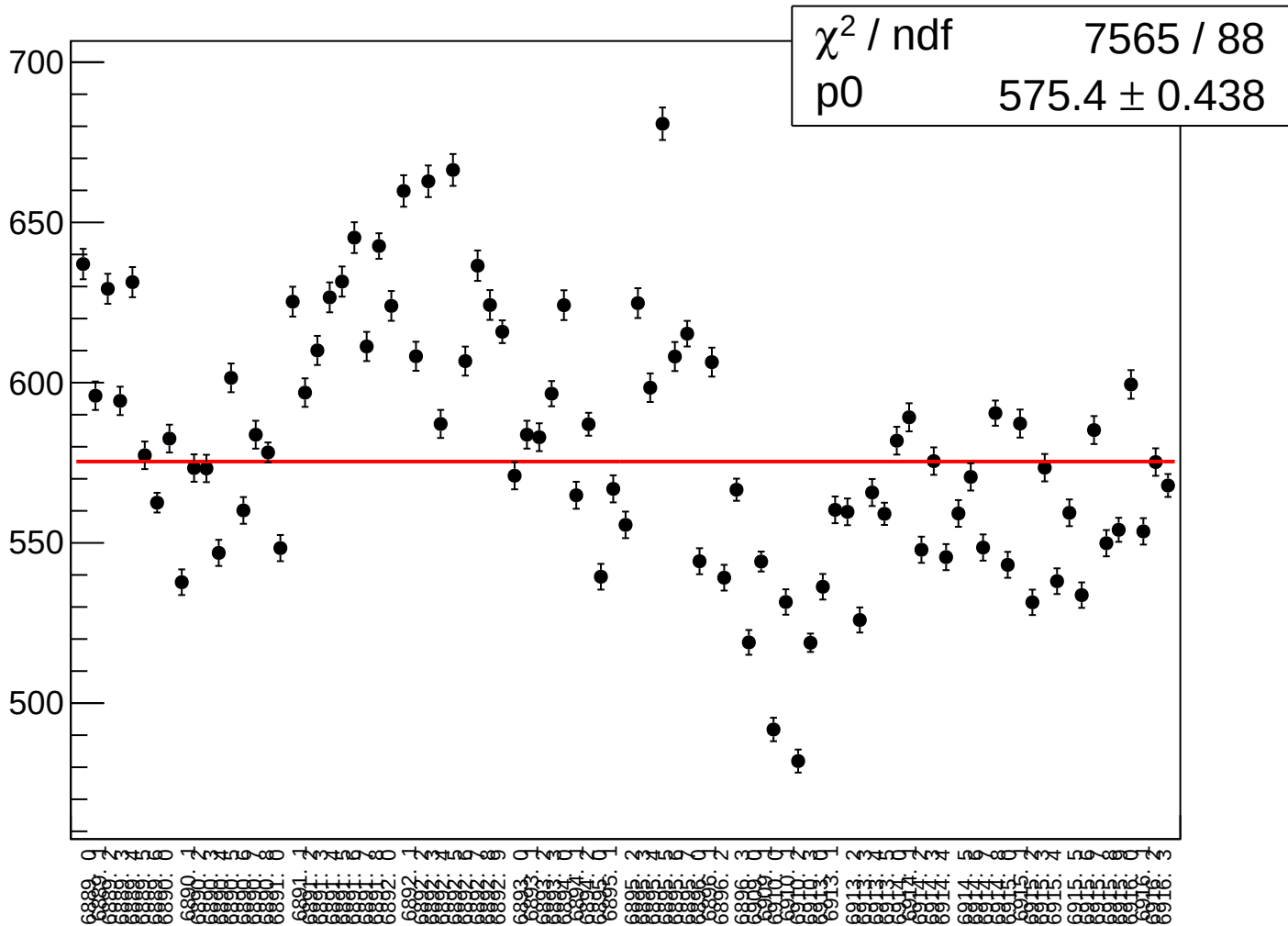
p0

$$49.16 \pm 0.03735$$


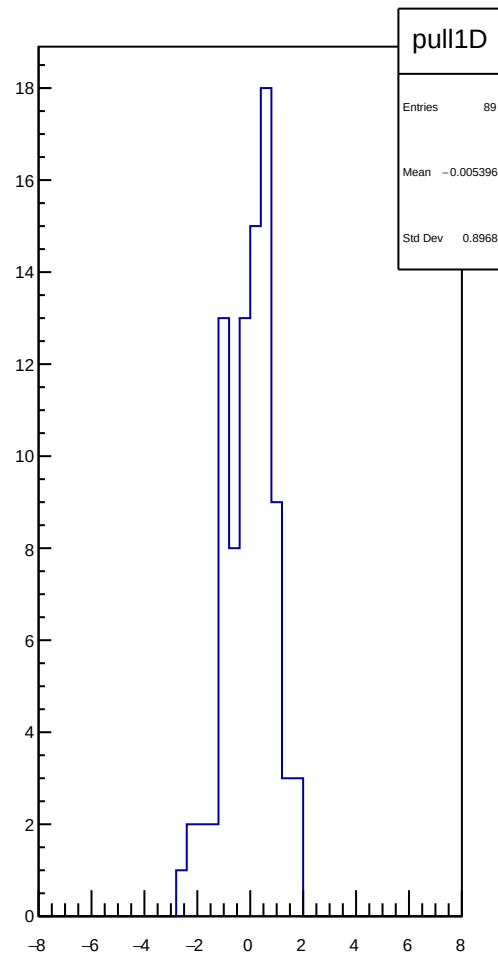
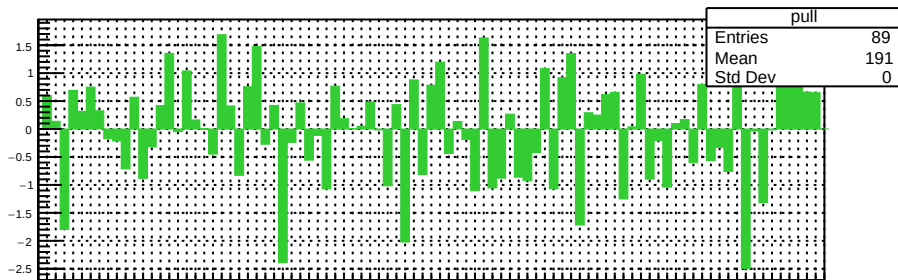
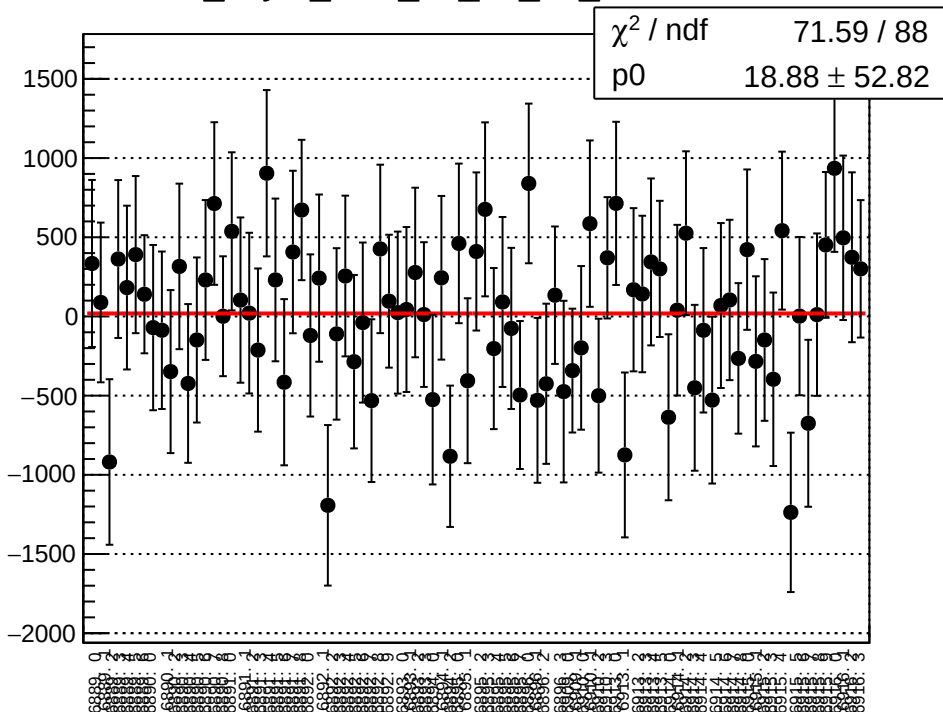
asym_sam_15_48_dd_reg_correction_mean vs run



asym_sam_15_48_dd_reg_correction_rms vs run



cor_asym_sam_15_48_dd_mean vs run



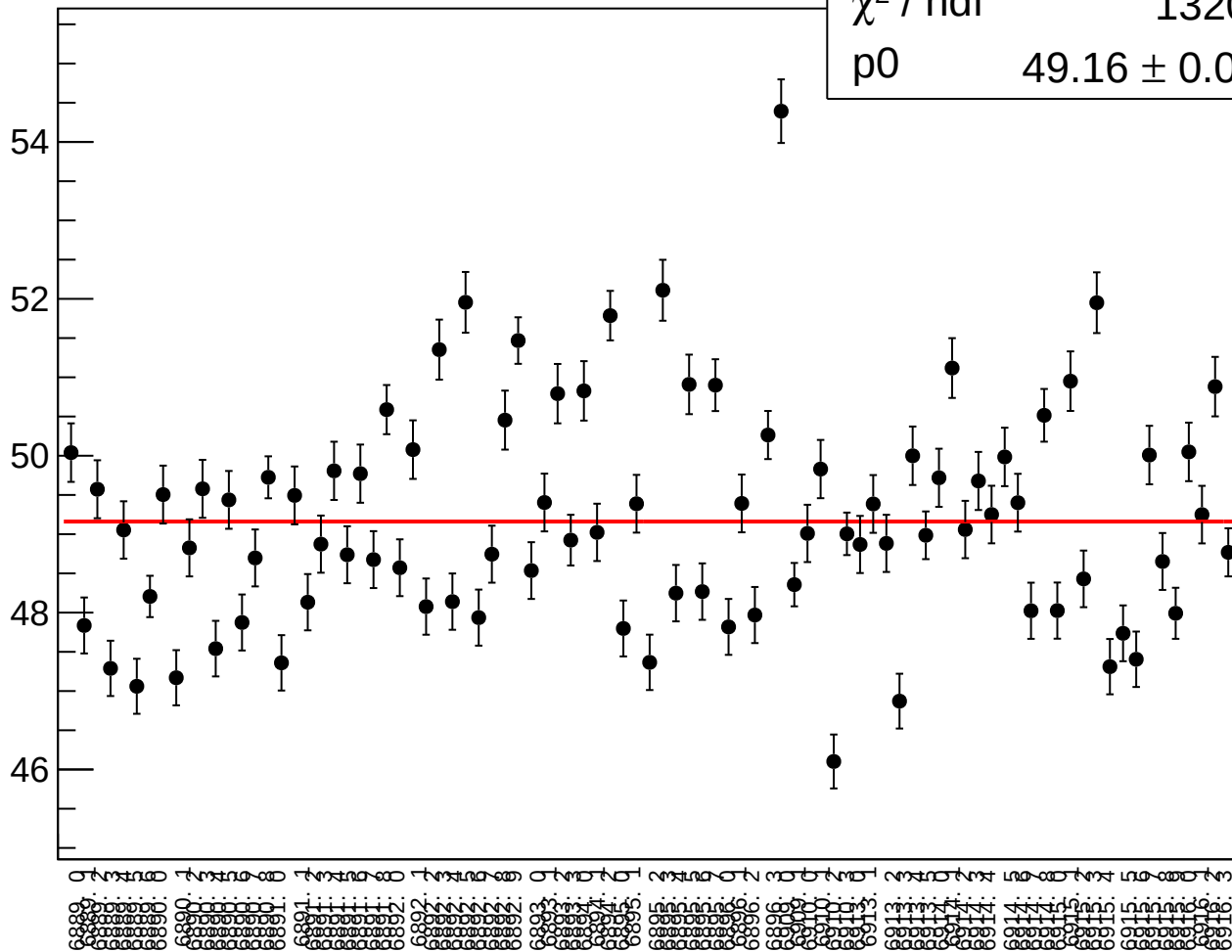
cor_asym_sam_15_48_dd_rms vs run

χ^2 / ndf

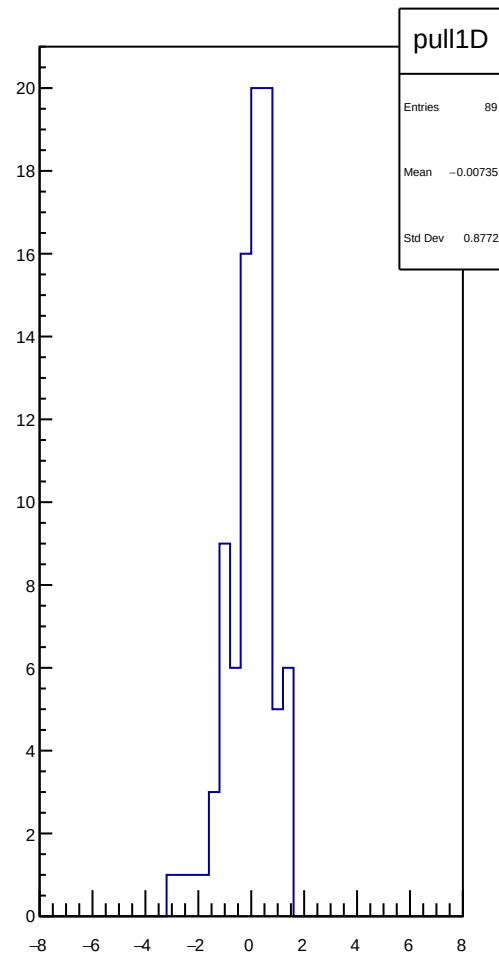
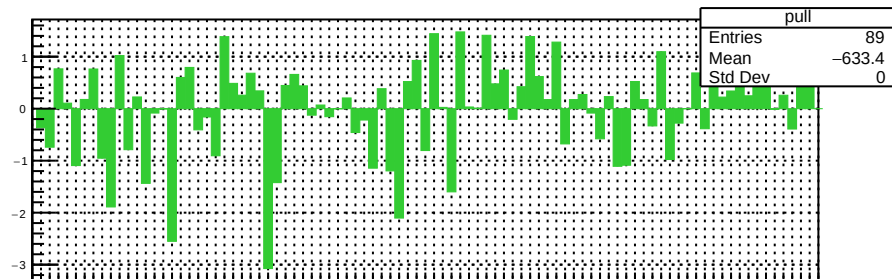
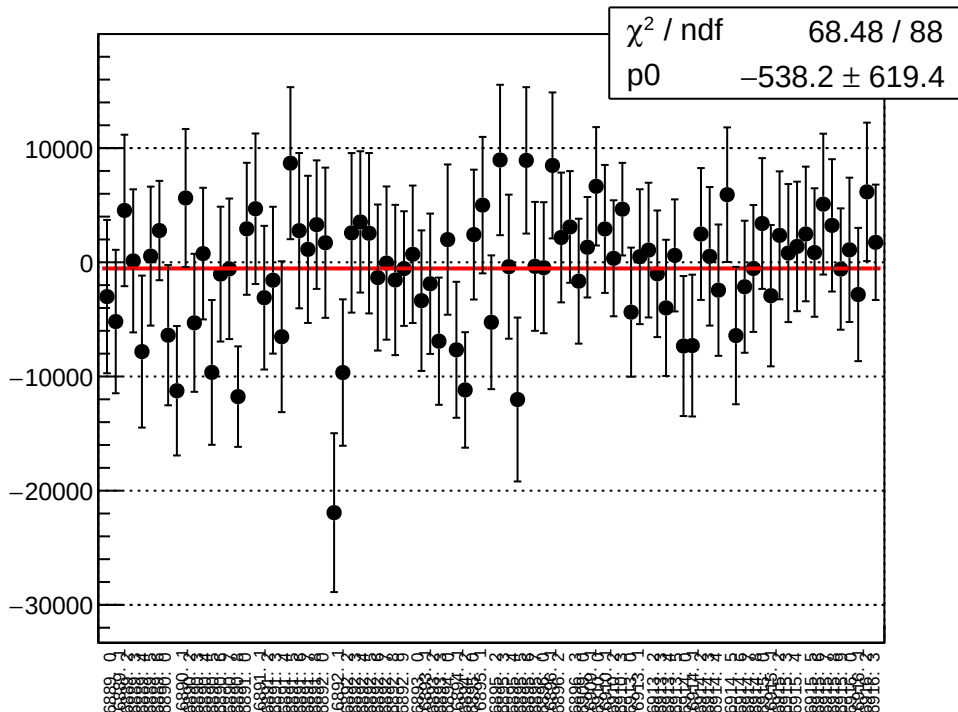
1320 / 88

p0

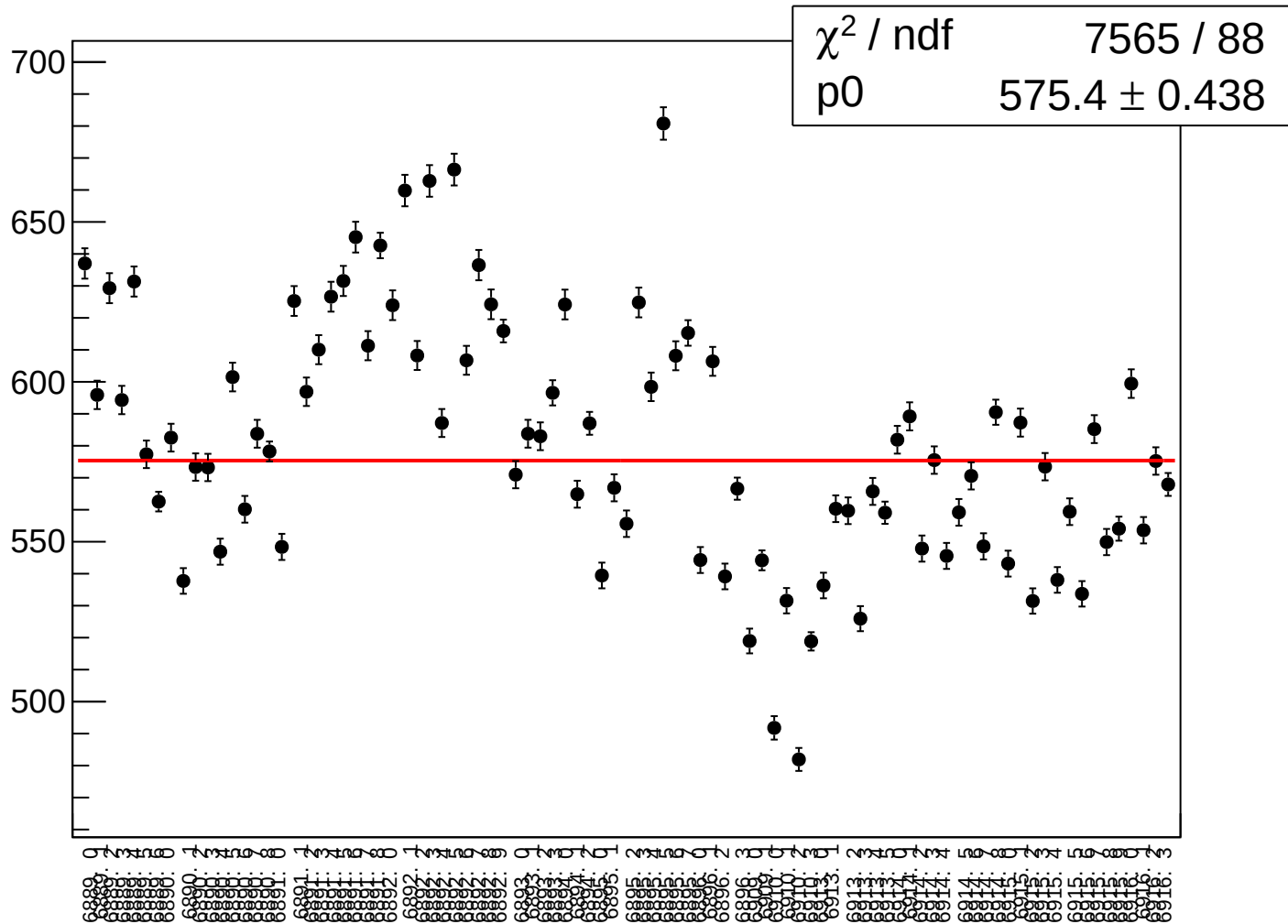
49.16 ± 0.03735



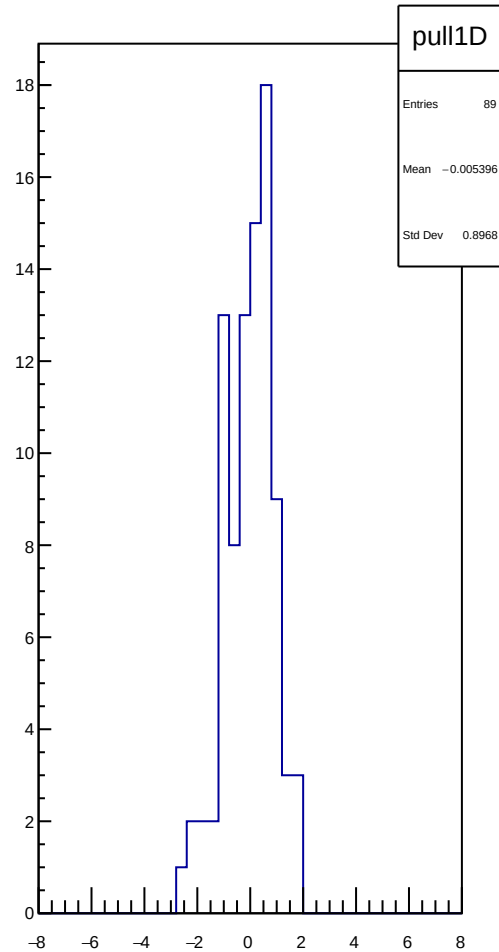
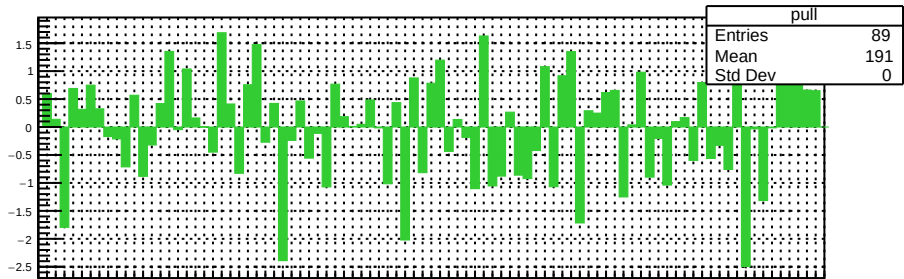
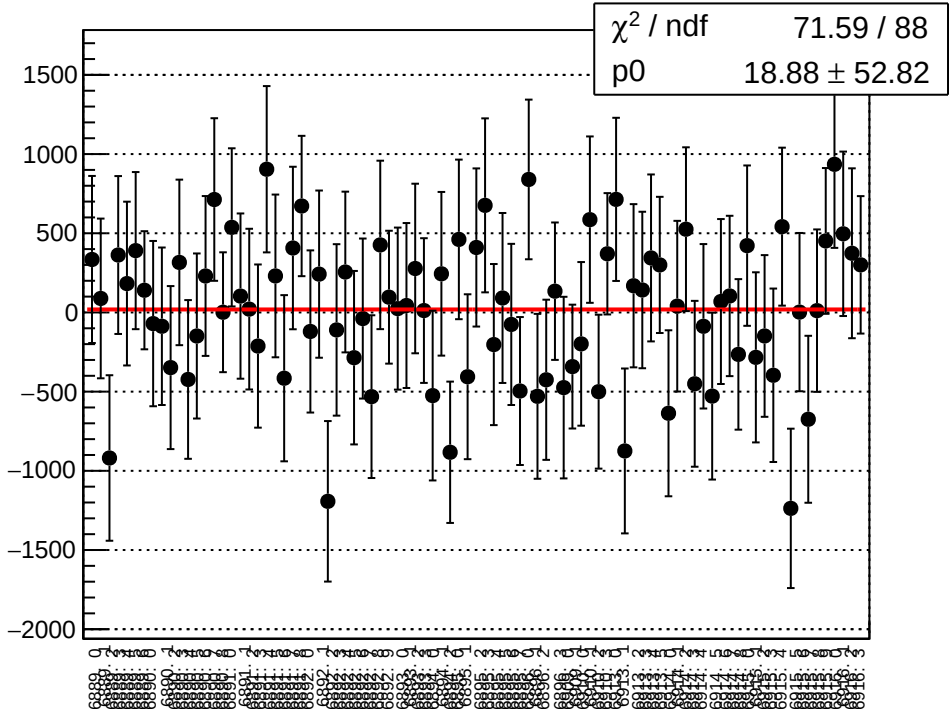
asym_sam_15_48_dd_cor_correction_mean vs run



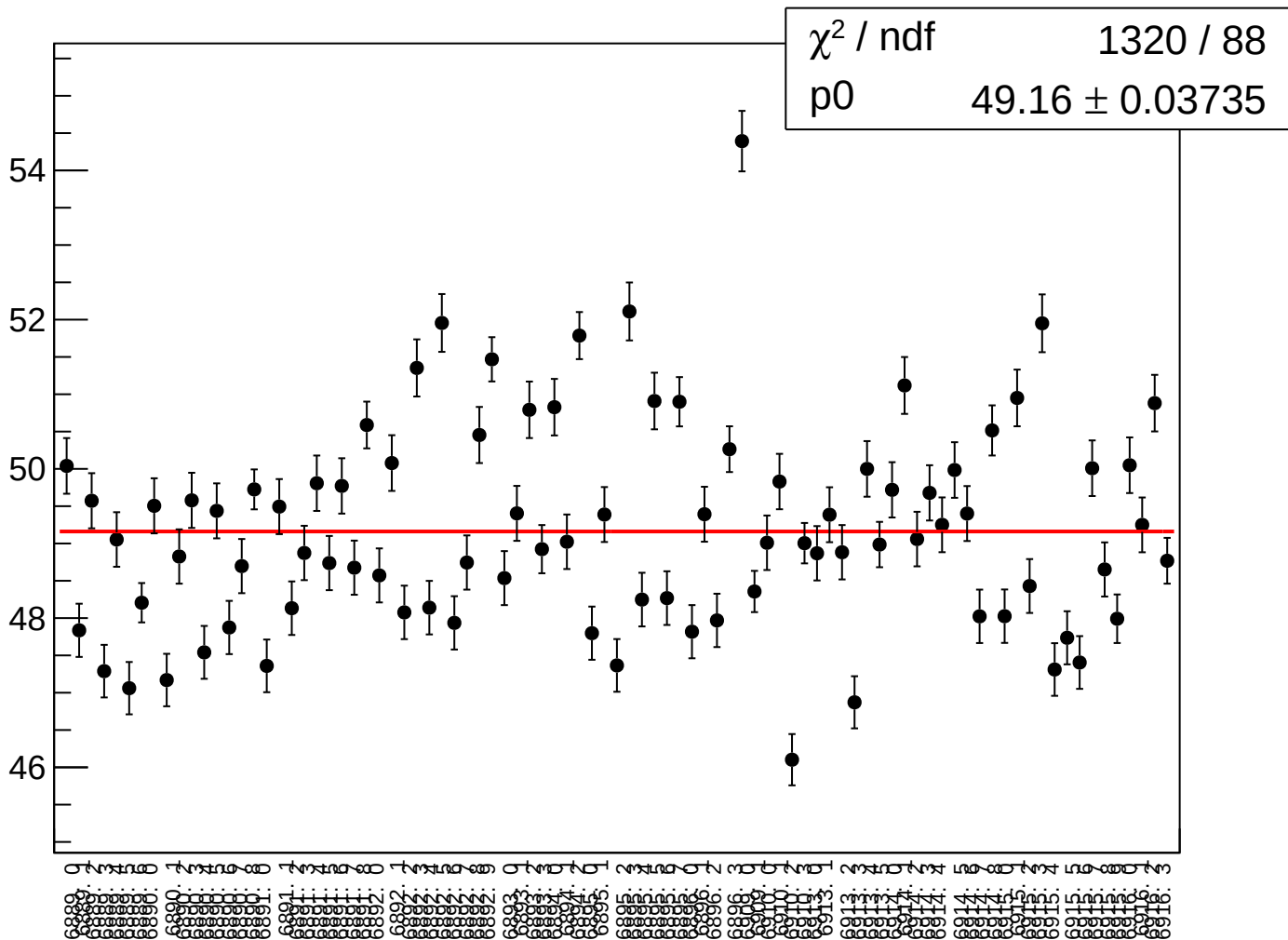
asym_sam_15_48_dd_cor_correction_rms vs run



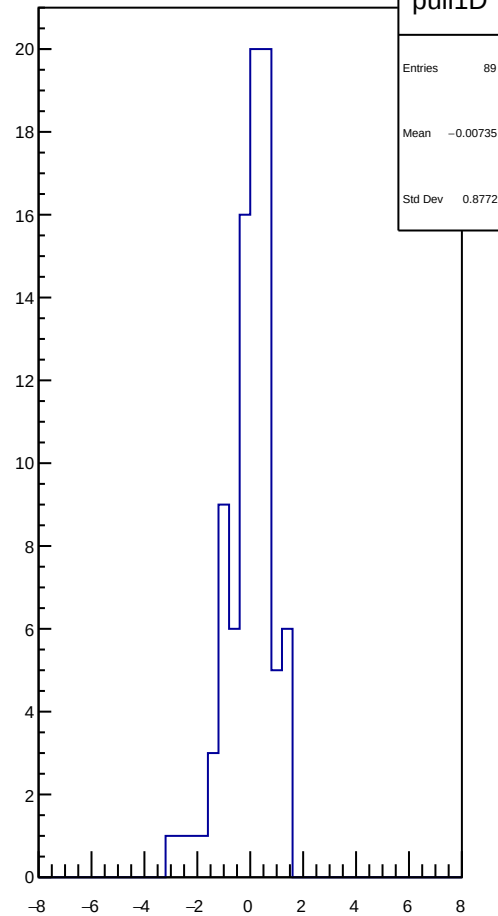
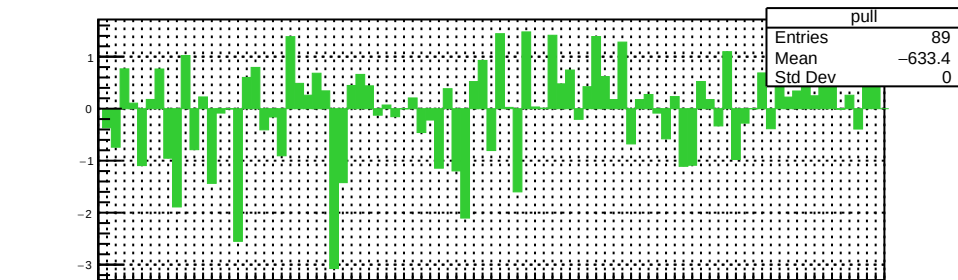
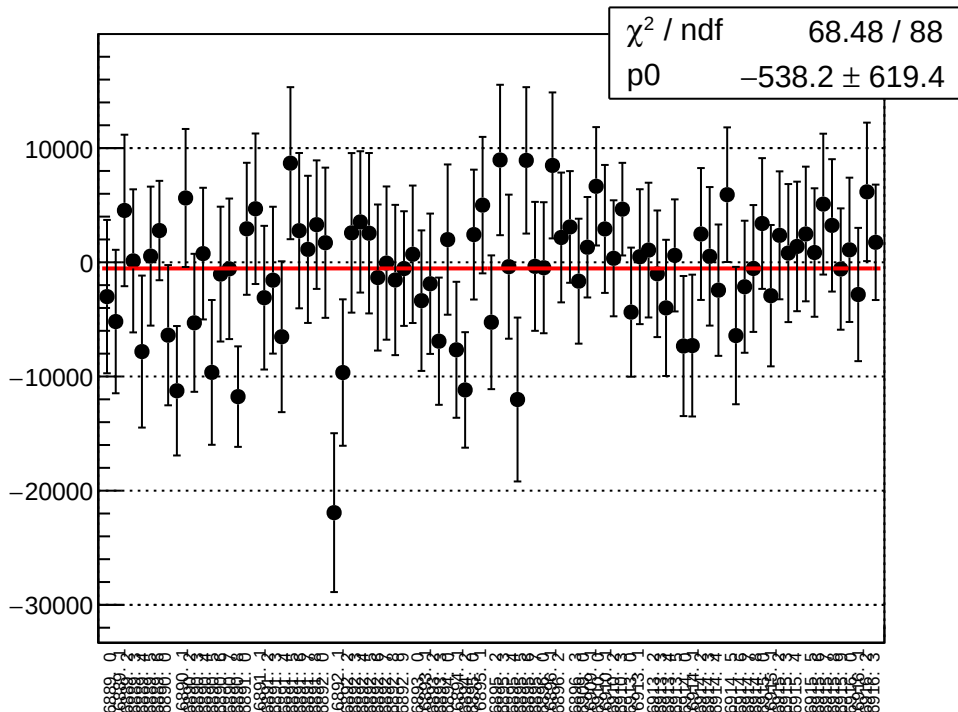
eigen_cor_asym_sam_15_48_dd_mean vs run



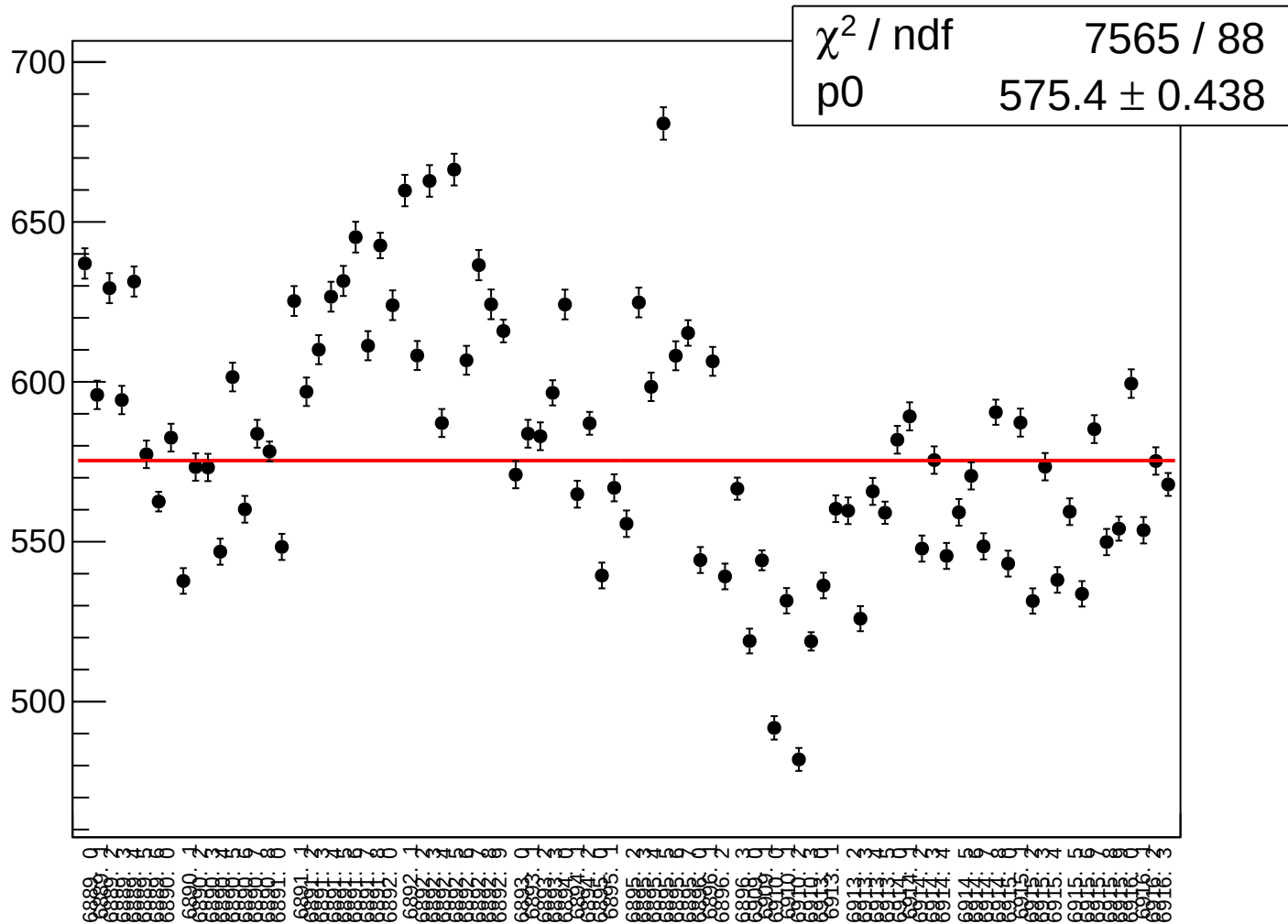
eigen_cor_asym_sam_15_48_dd_rms vs run



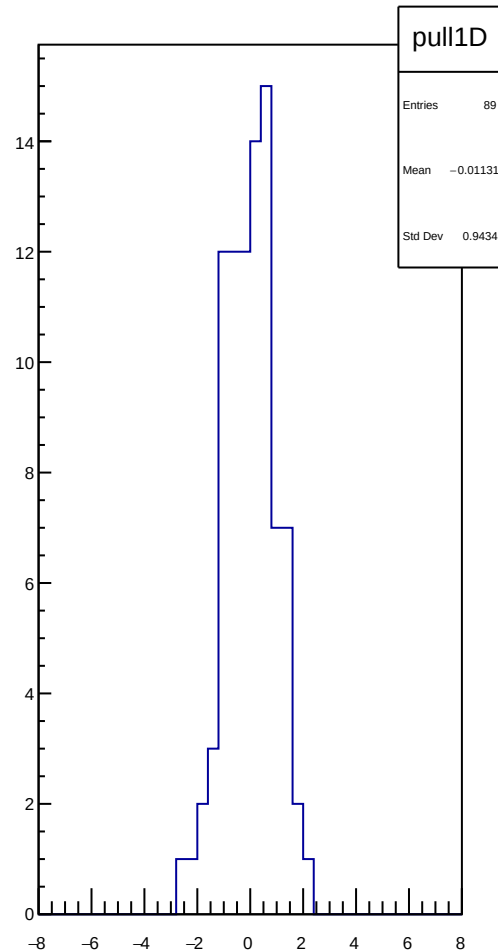
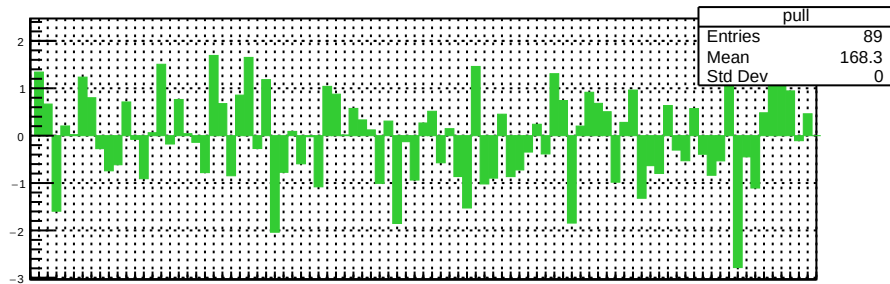
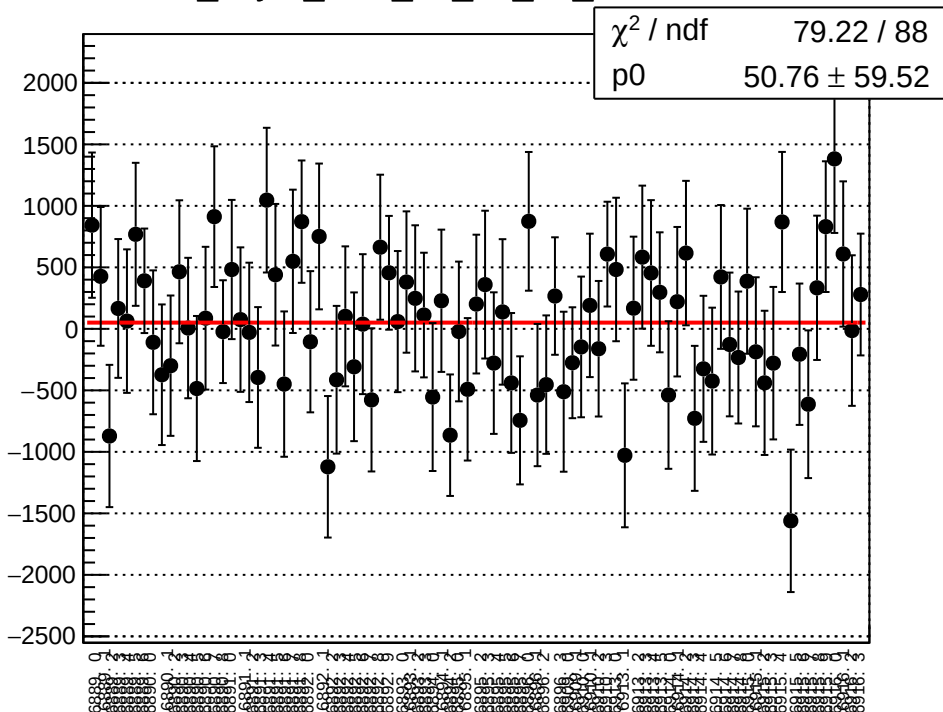
asym_sam_15_48_dd_eigen_cor_correction_mean vs run



asym_sam_15_48_dd_eigen_cor_correction_rms vs run

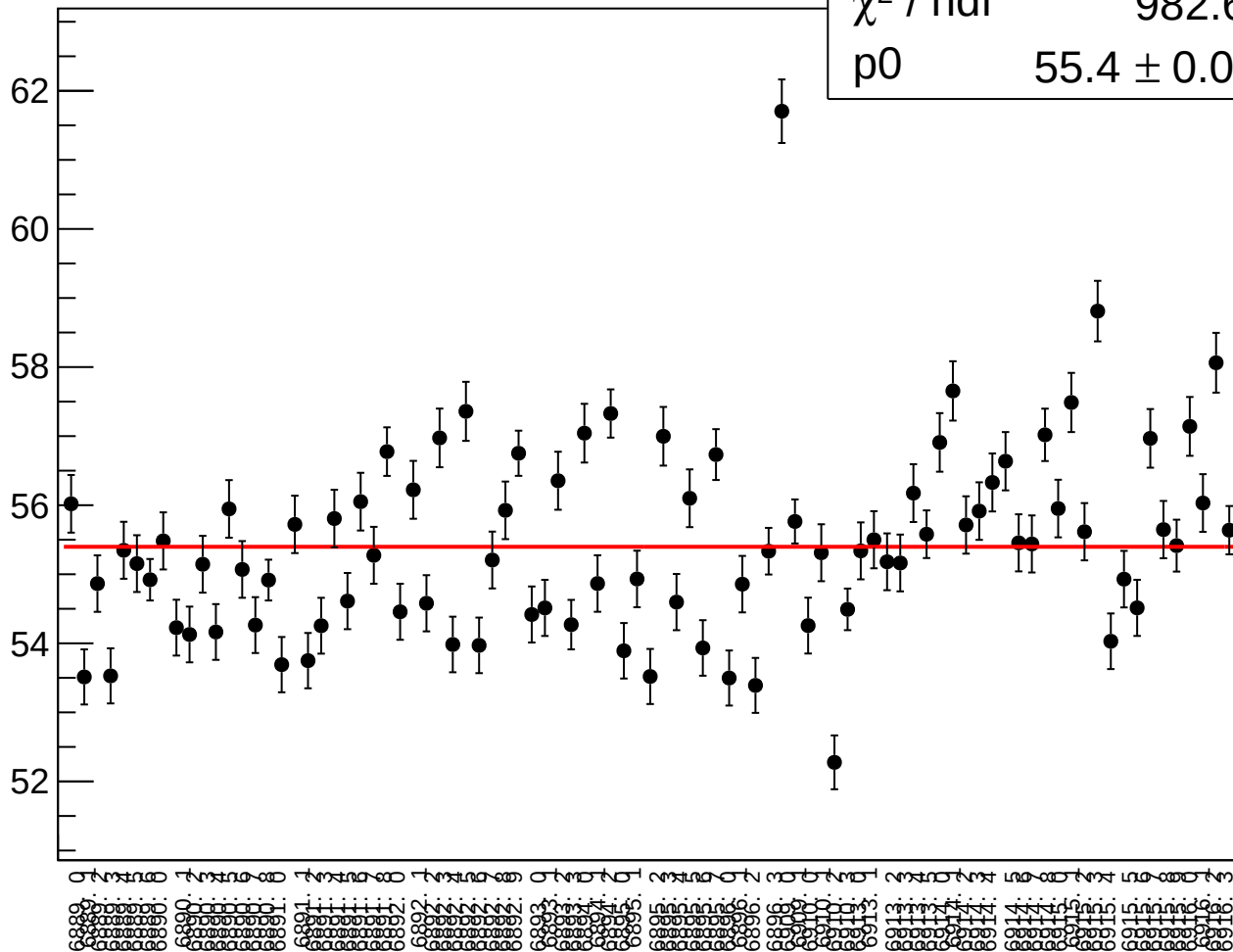


dit_asym_sam_15_48_dd_mean vs run

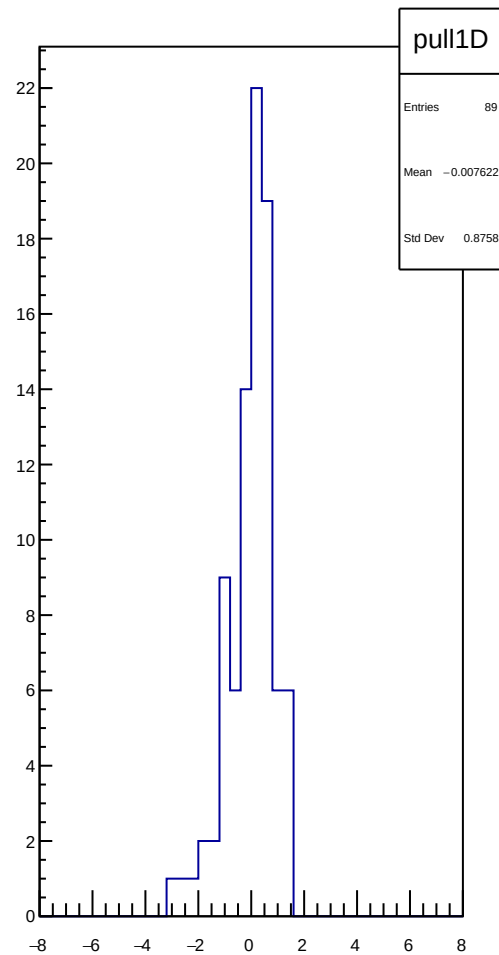
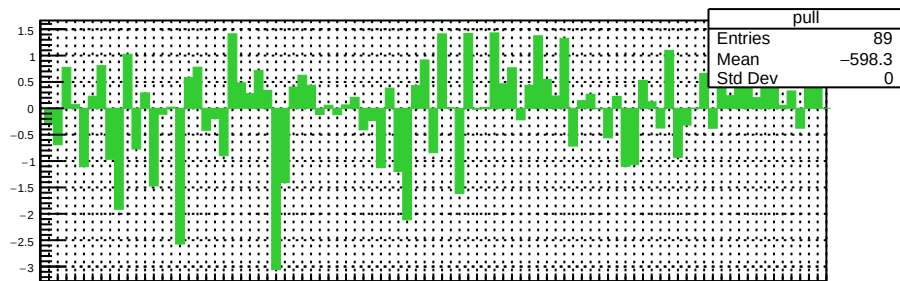
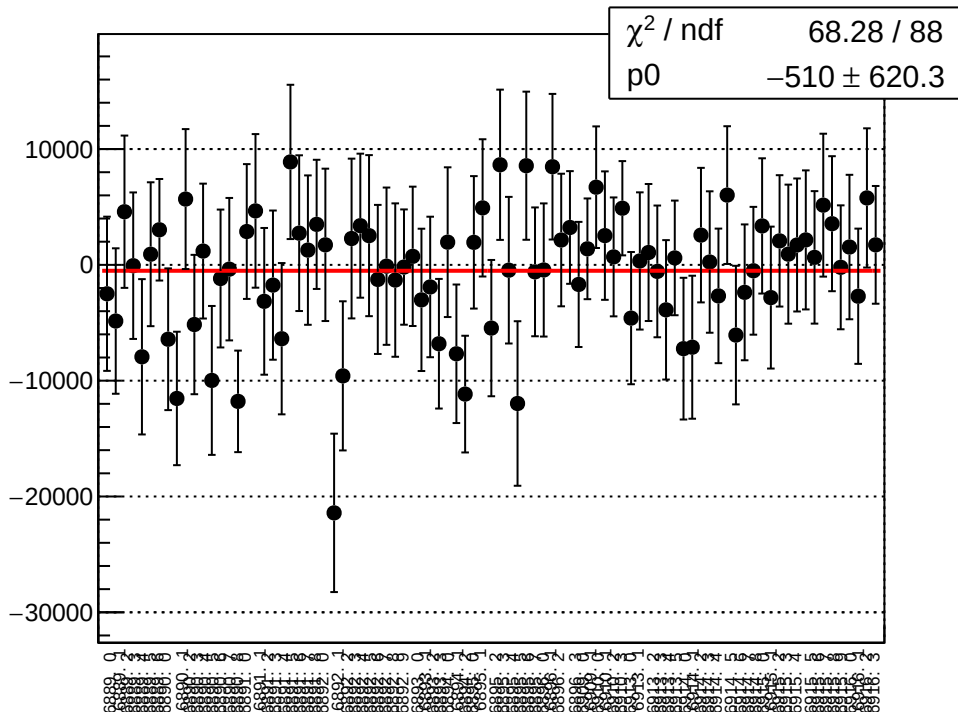


χ^2 / ndf

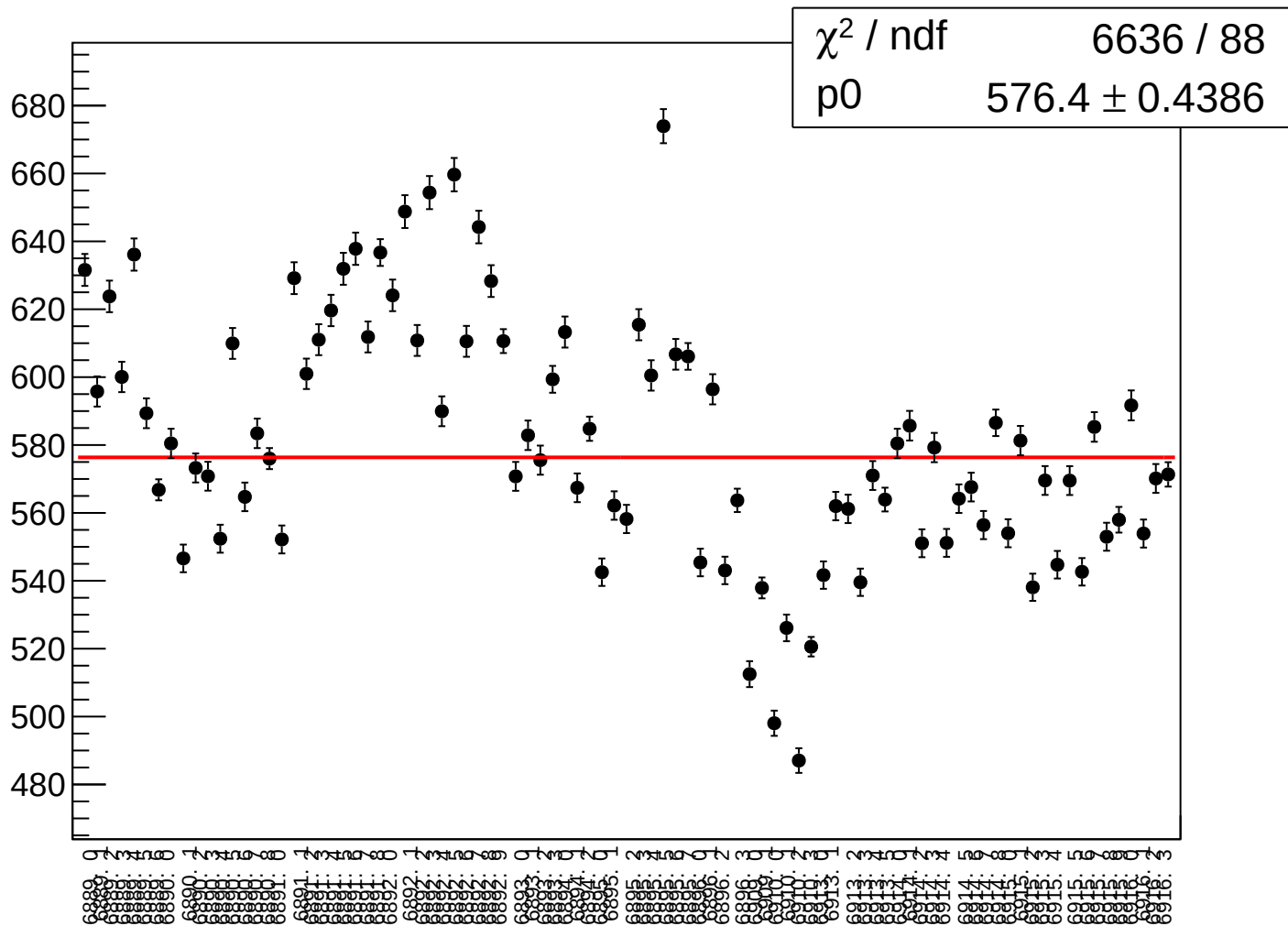
p0

$$55.4 \pm 0.04209$$


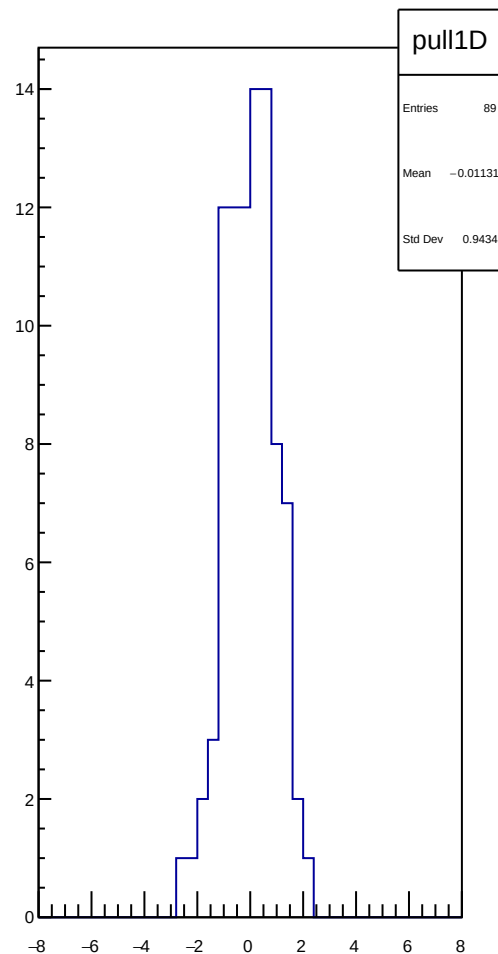
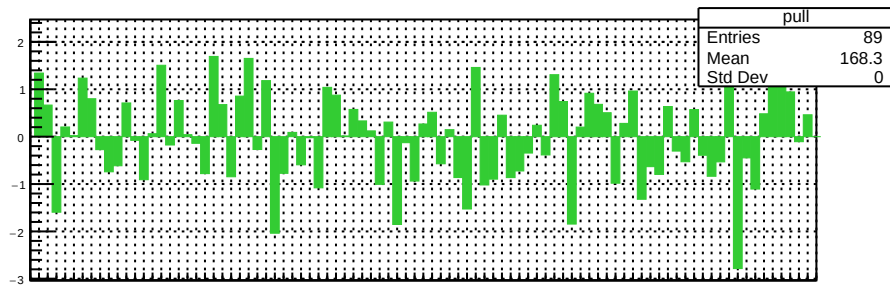
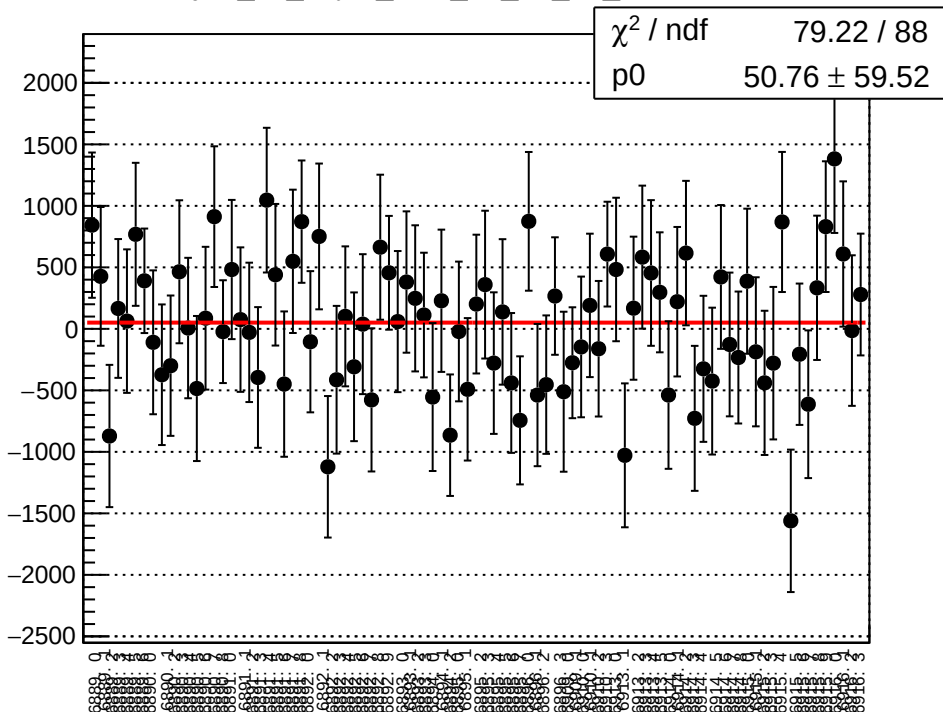
asym_sam_15_48_dd_dit_correction_mean vs run



asym_sam_15_48_dd_dit_correction_rms vs run



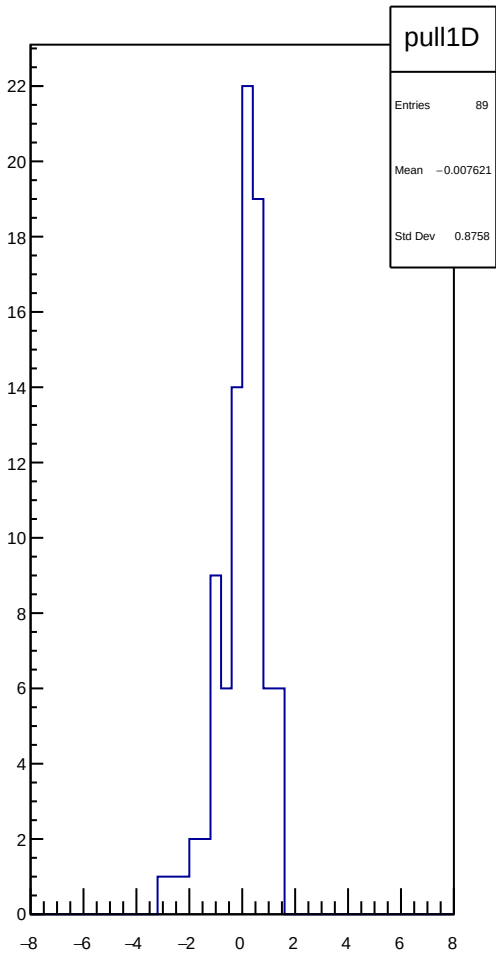
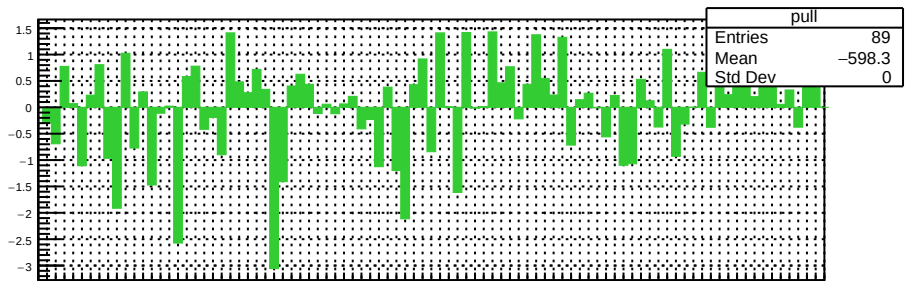
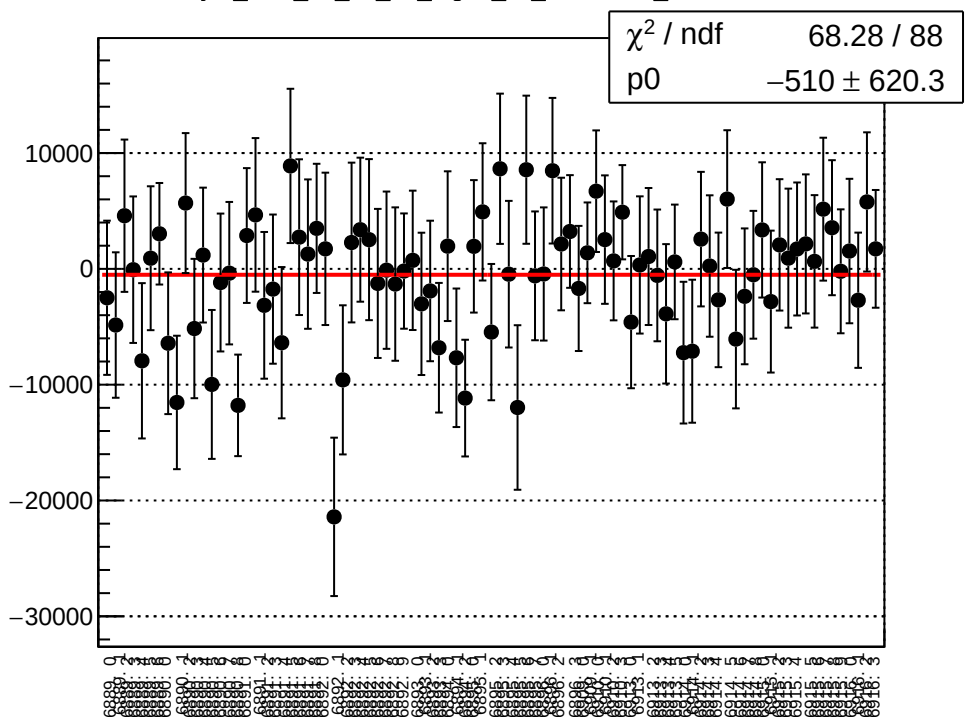
eigen_dit_asym_sam_15_48_dd_mean vs run



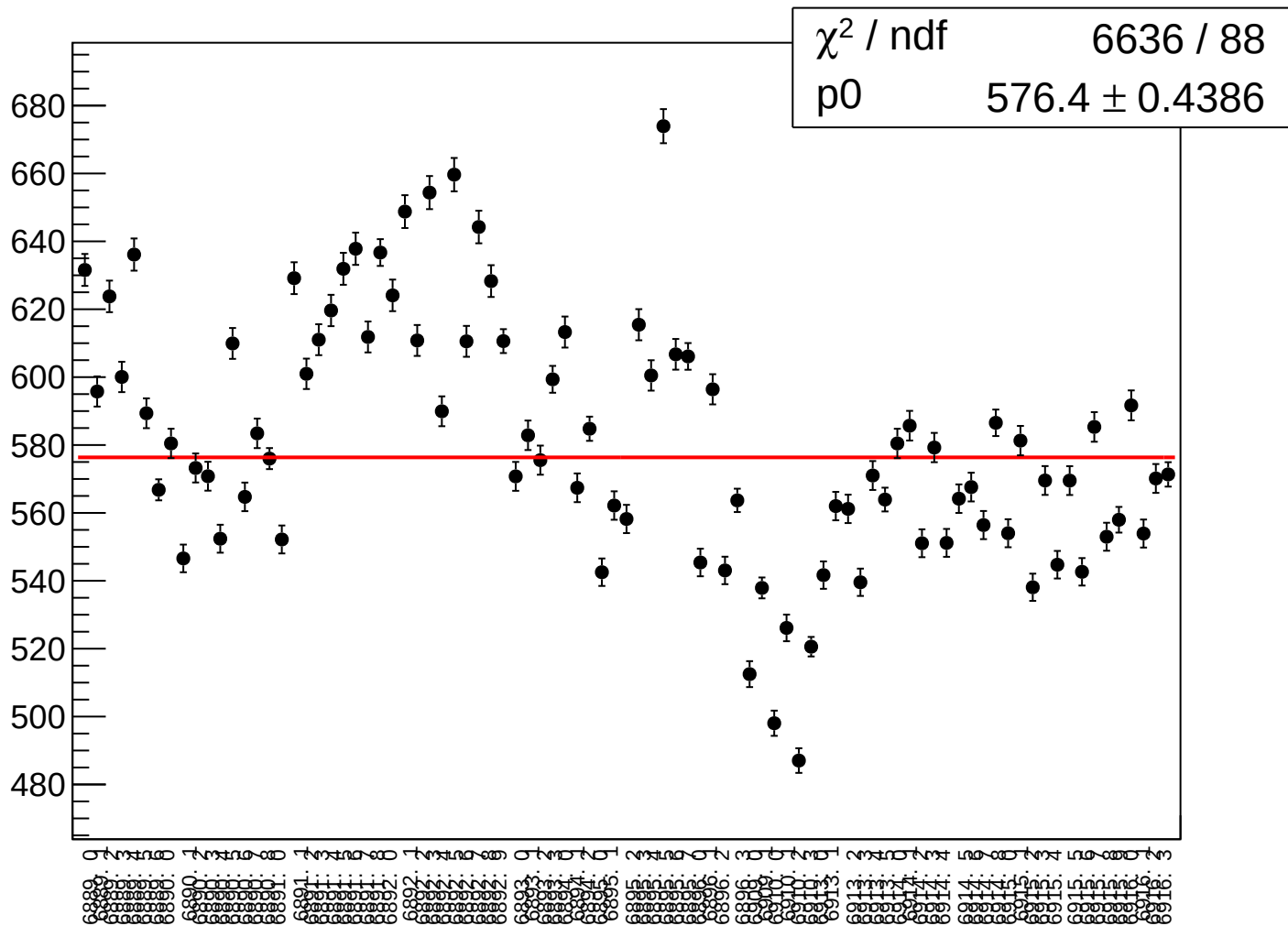
χ^2 / ndf

p0

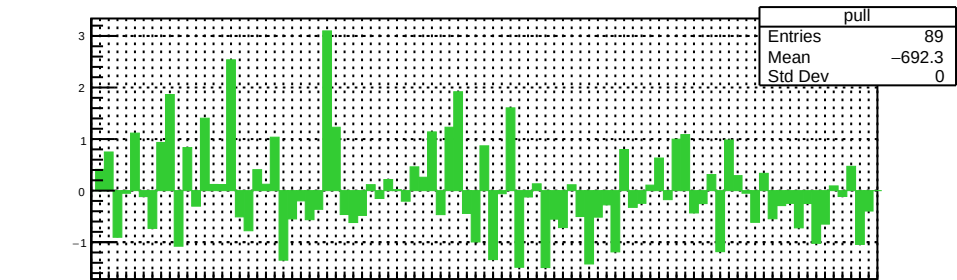
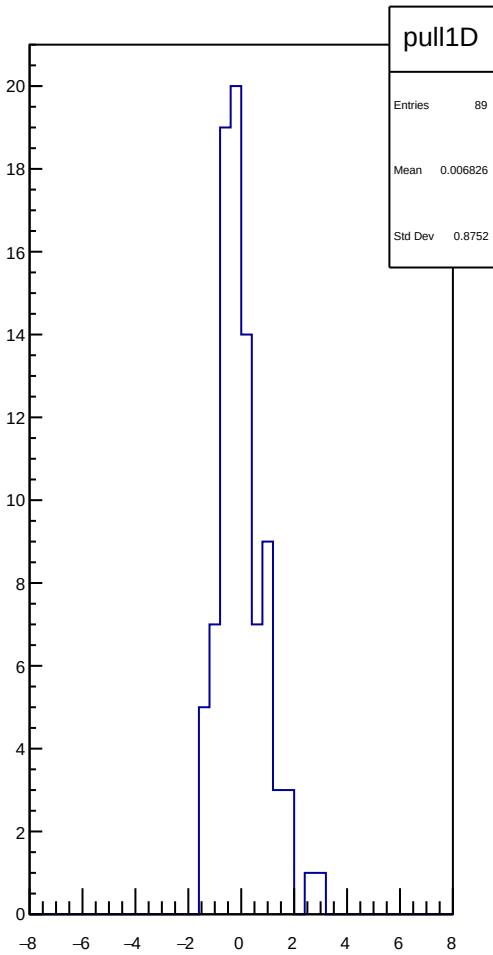
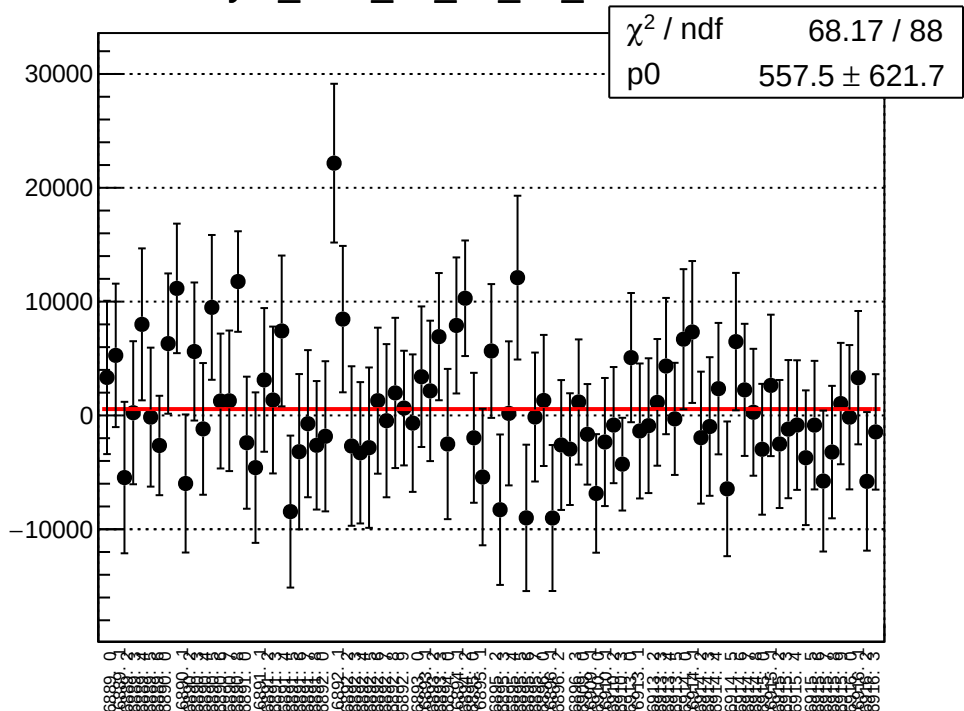
asym_sam_15_48_dd_eigen_dit_correction_mean vs run



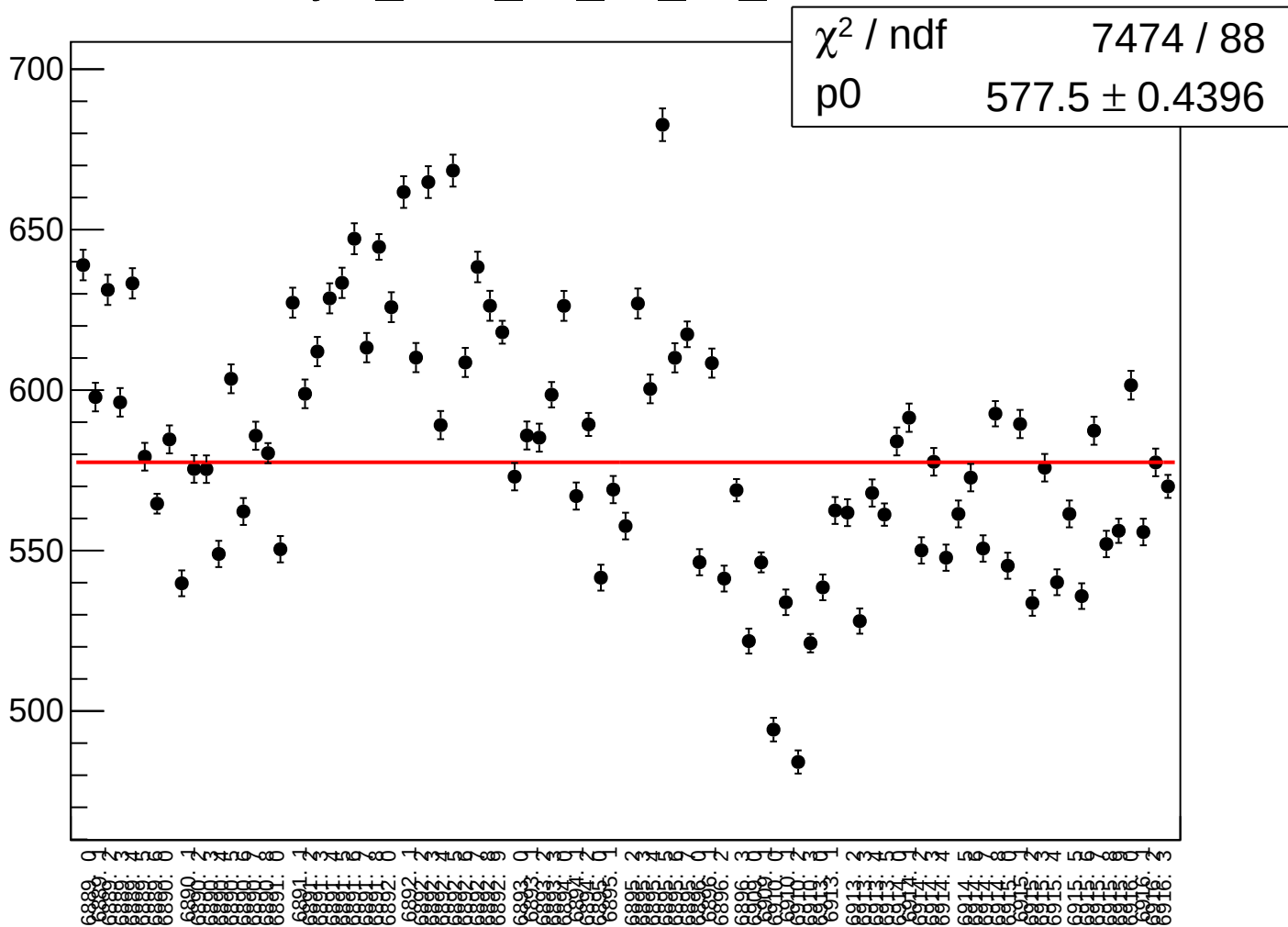
asym_sam_15_48_dd_eigen_dit_correction_rms vs run



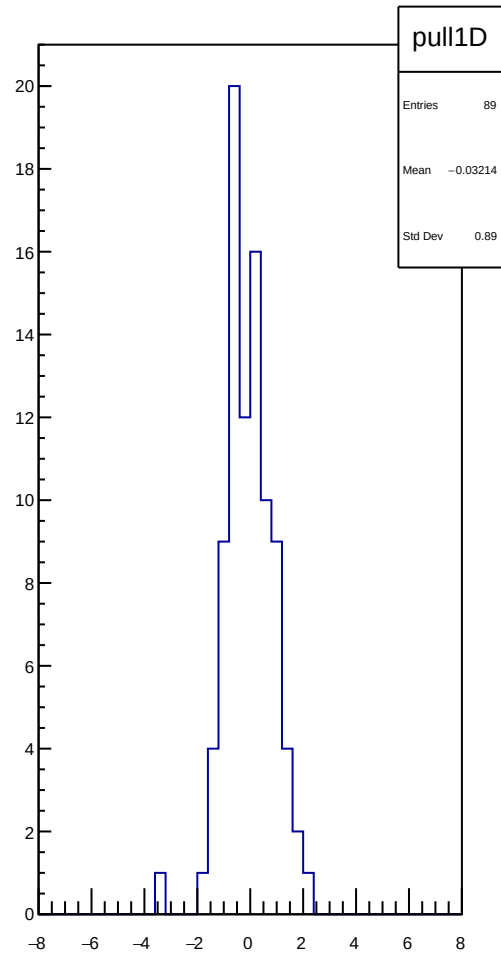
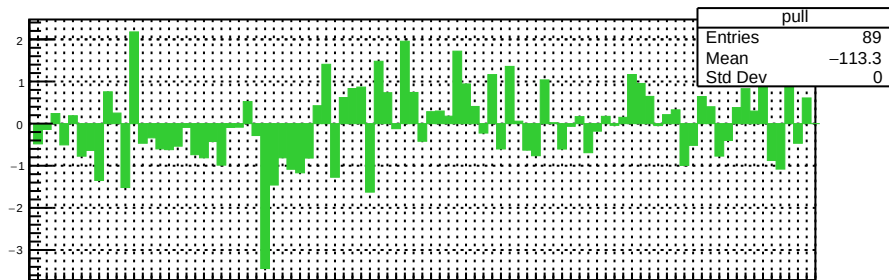
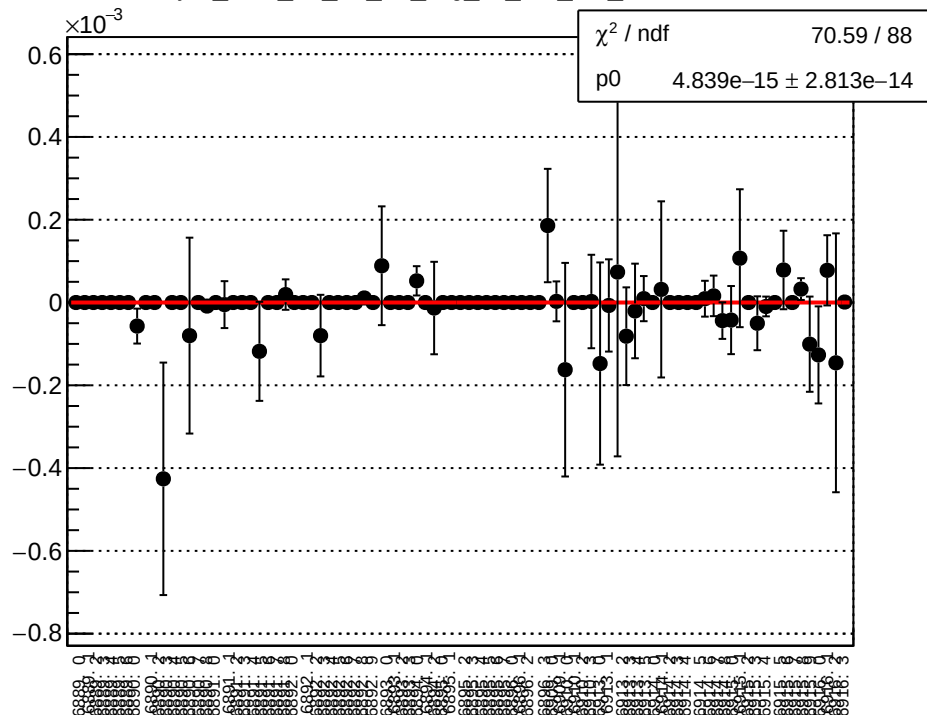
asym_sam_15_48_dd_mean vs run



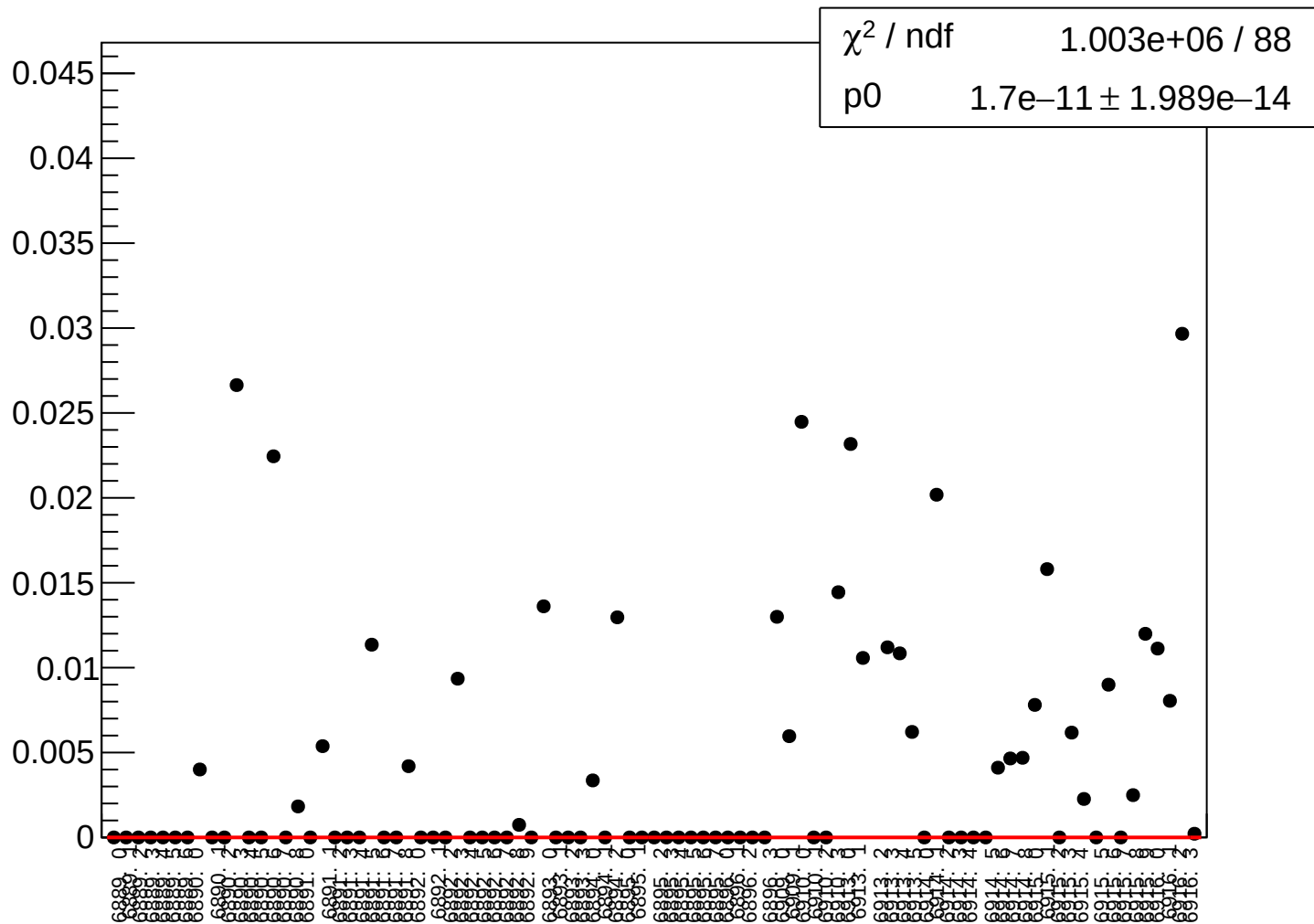
asym_sam_15_48_dd_rms vs run



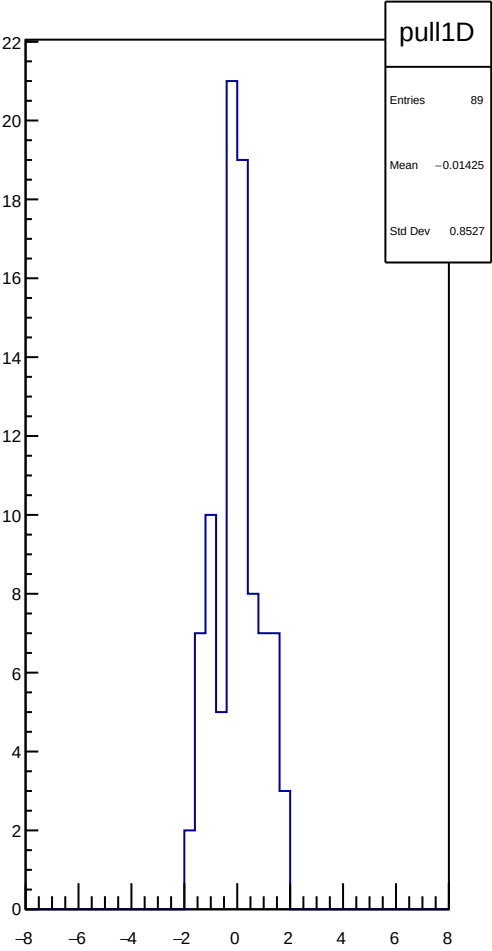
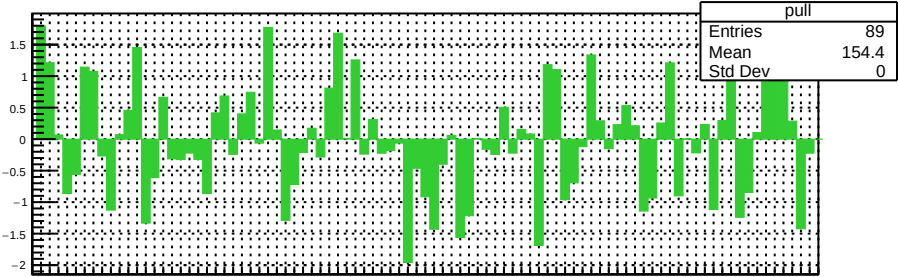
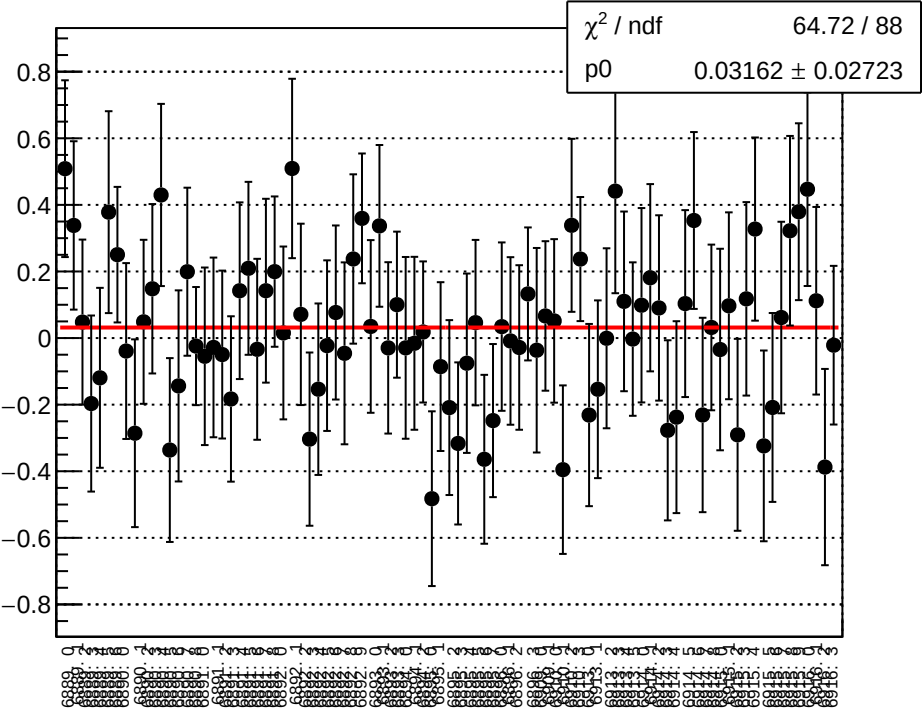
asym_sam_15_48_dd_reg_vs_cor_diff_mean vs run



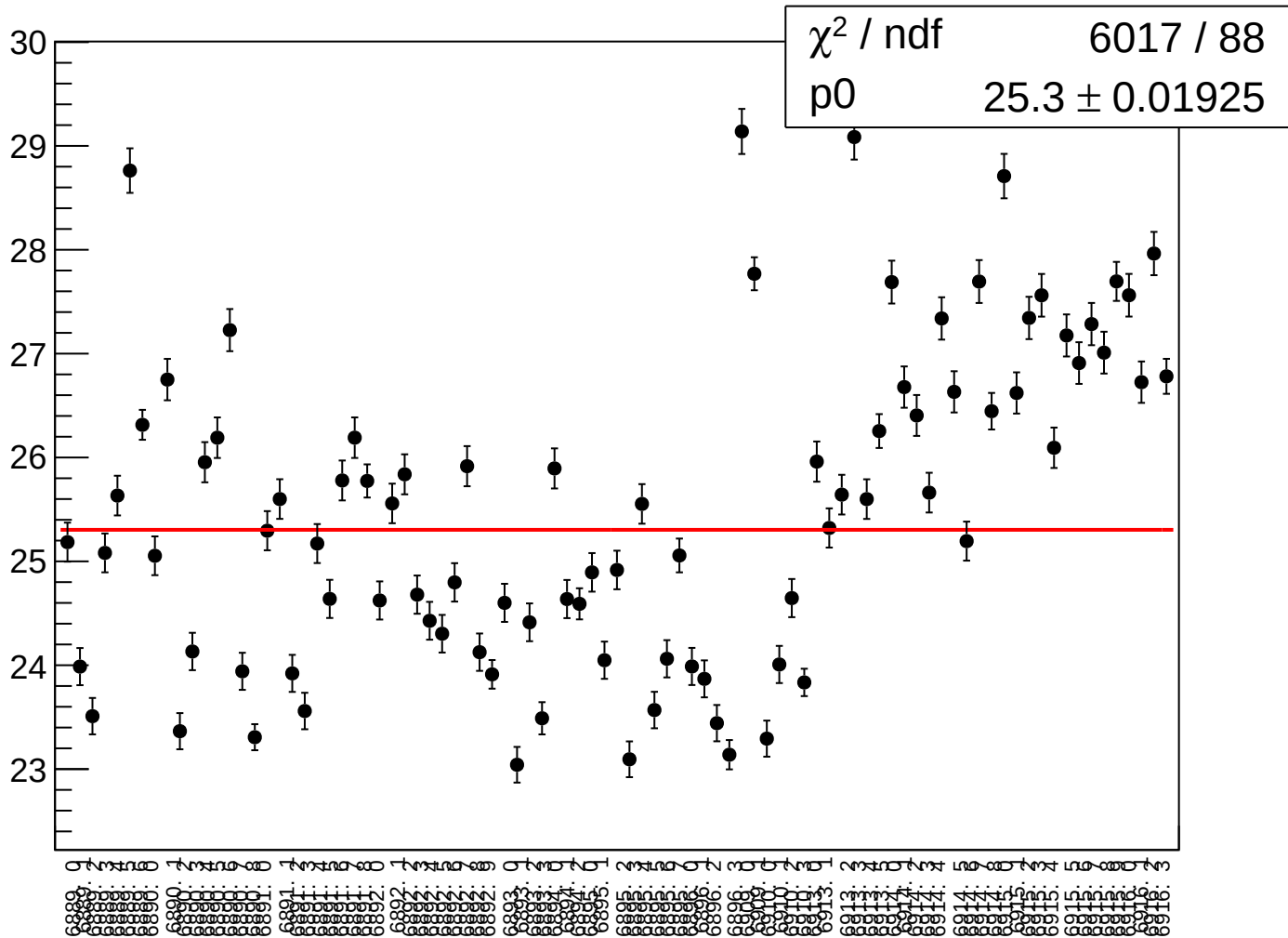
asym_sam_15_48_dd_reg_vs_cor_diff_rms vs run



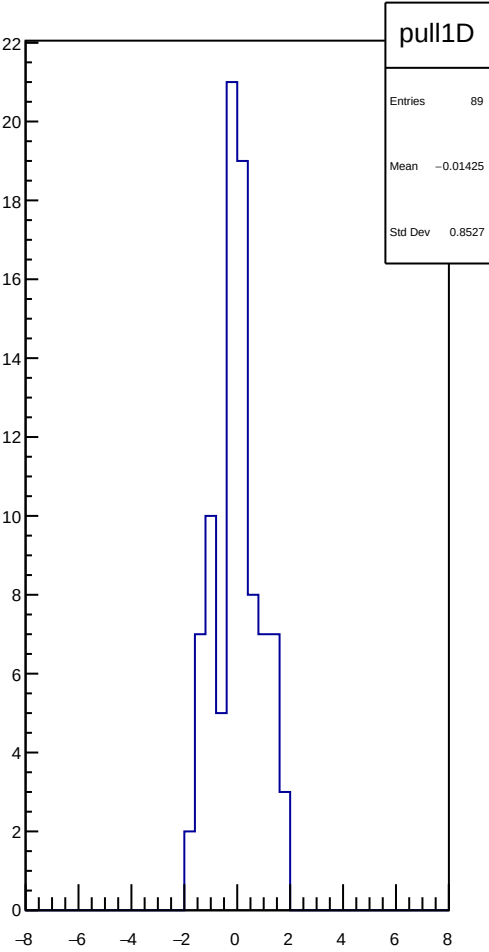
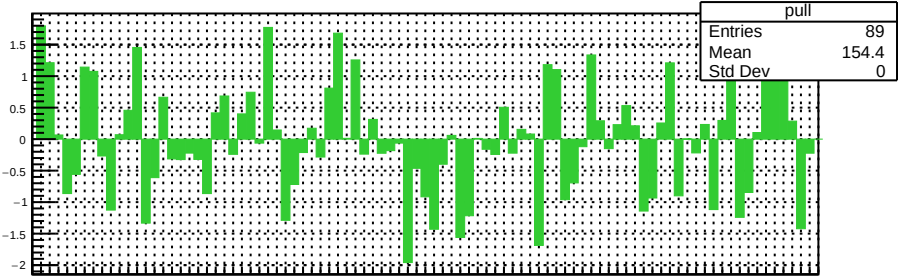
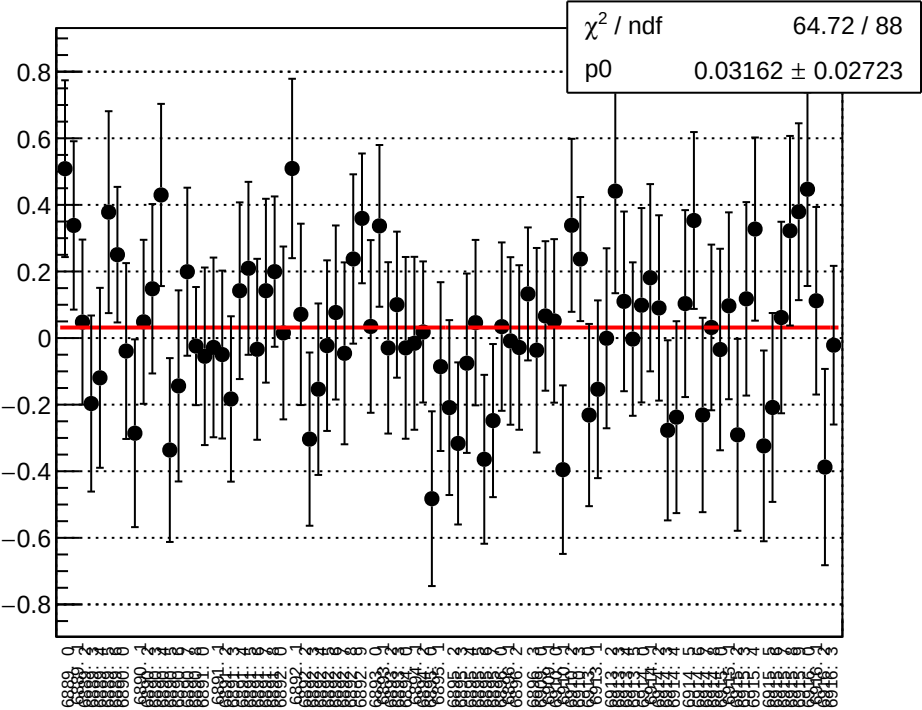
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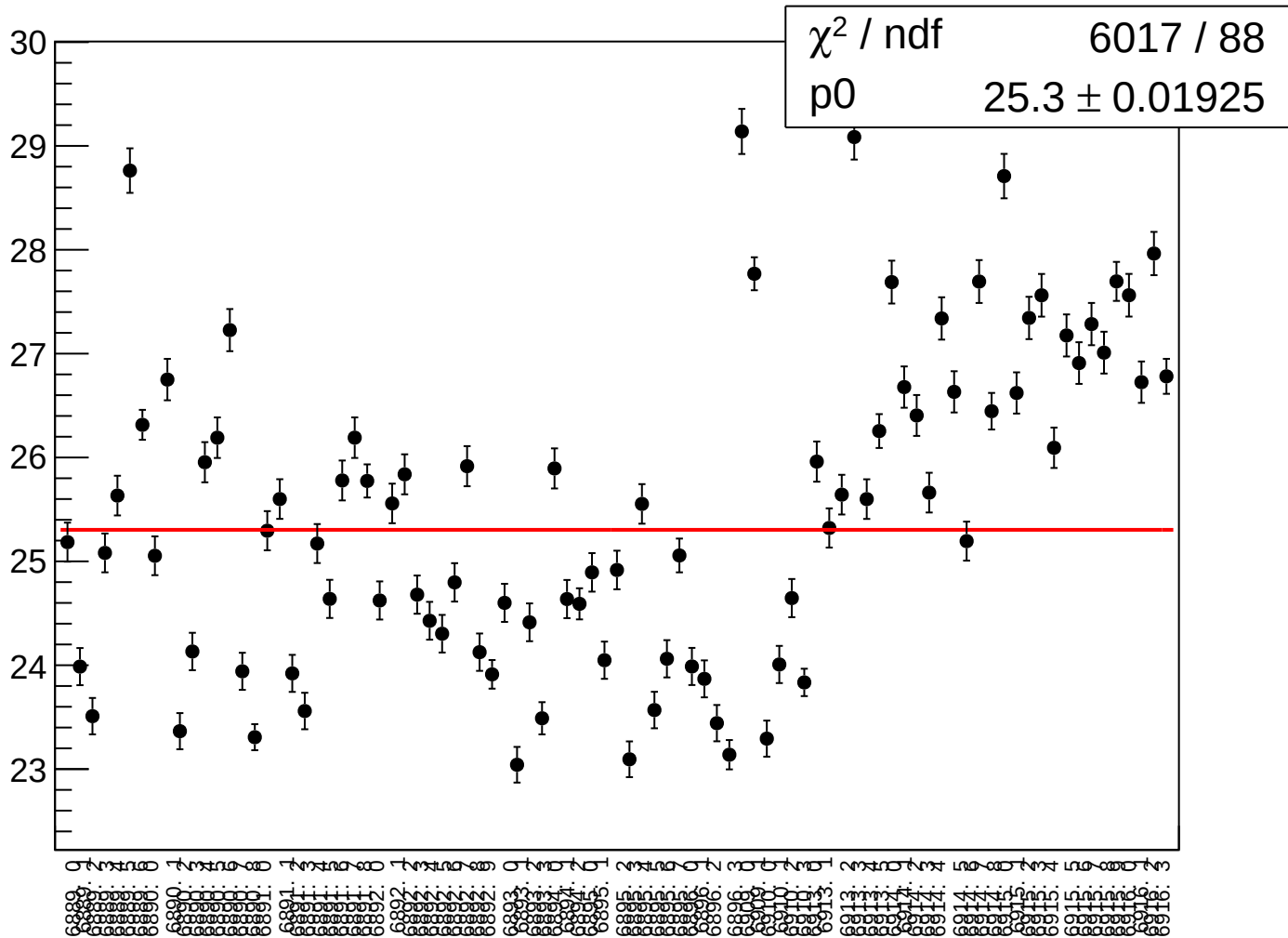
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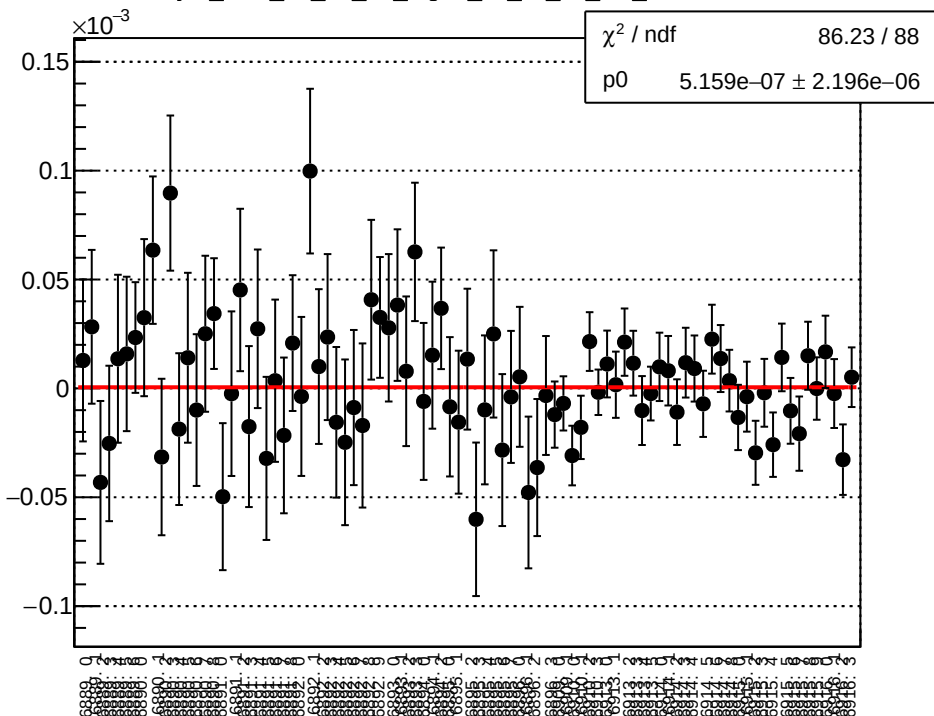
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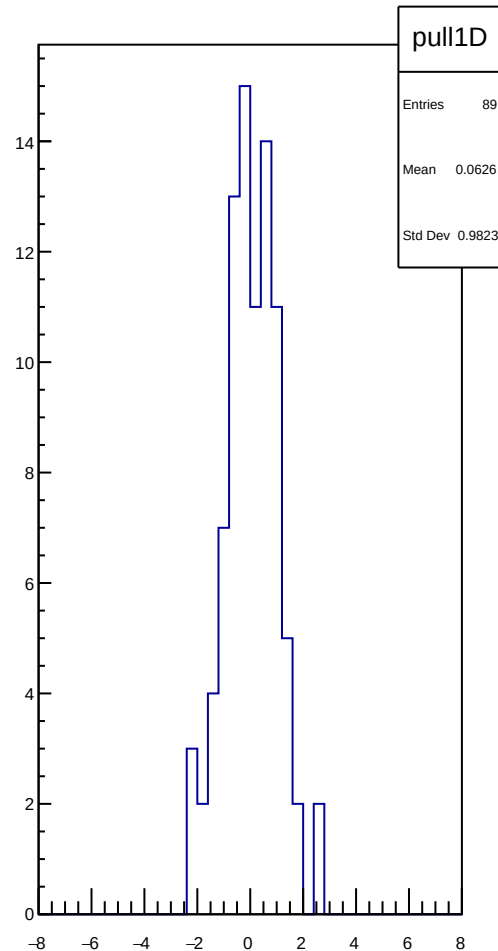
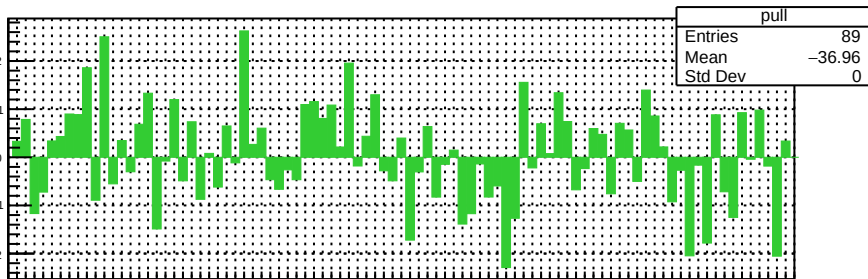
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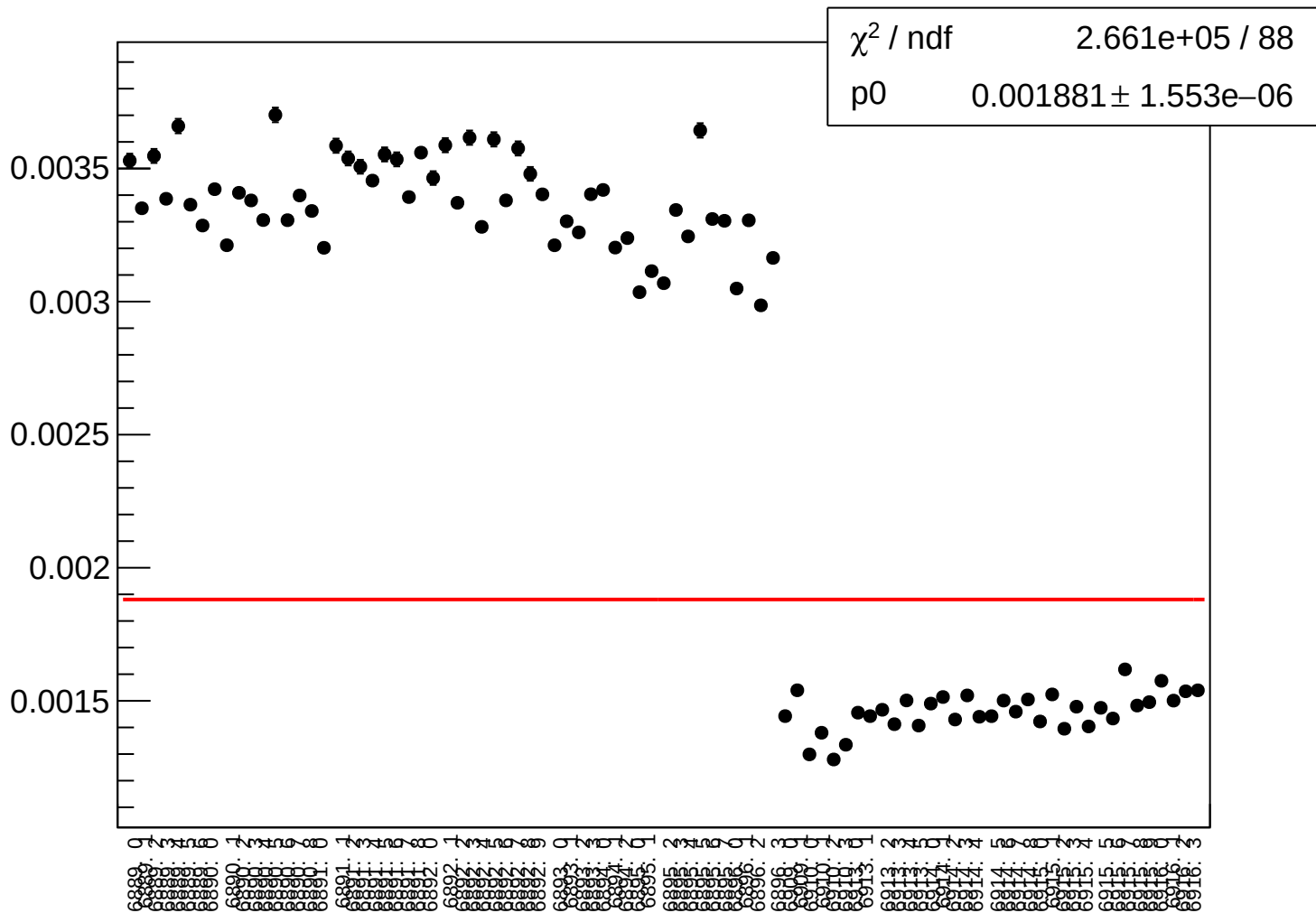
asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs run



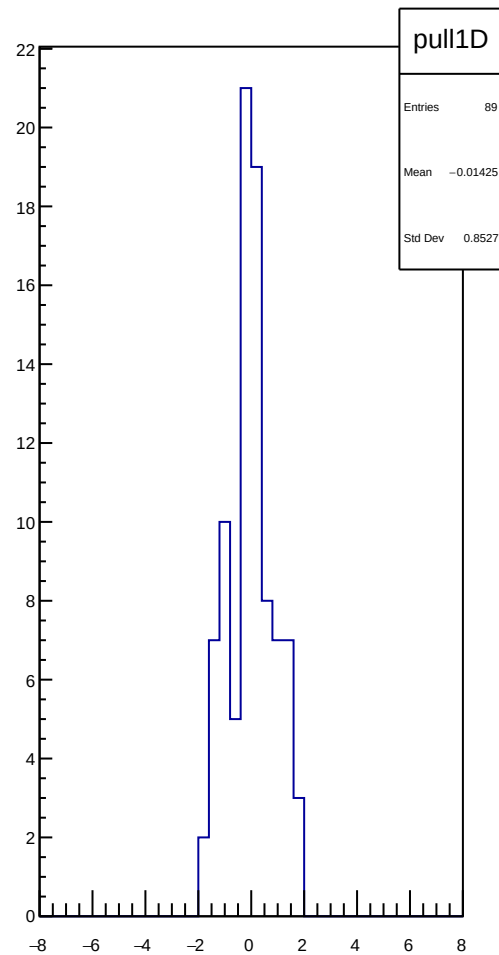
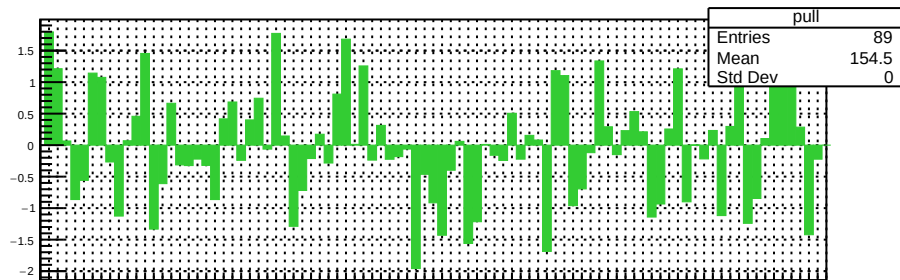
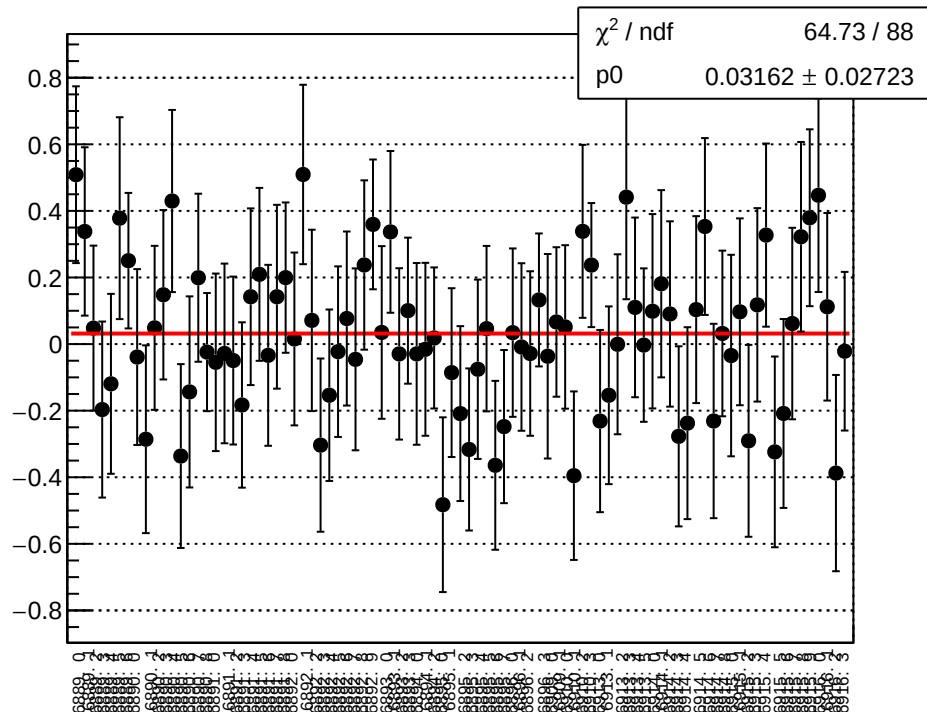
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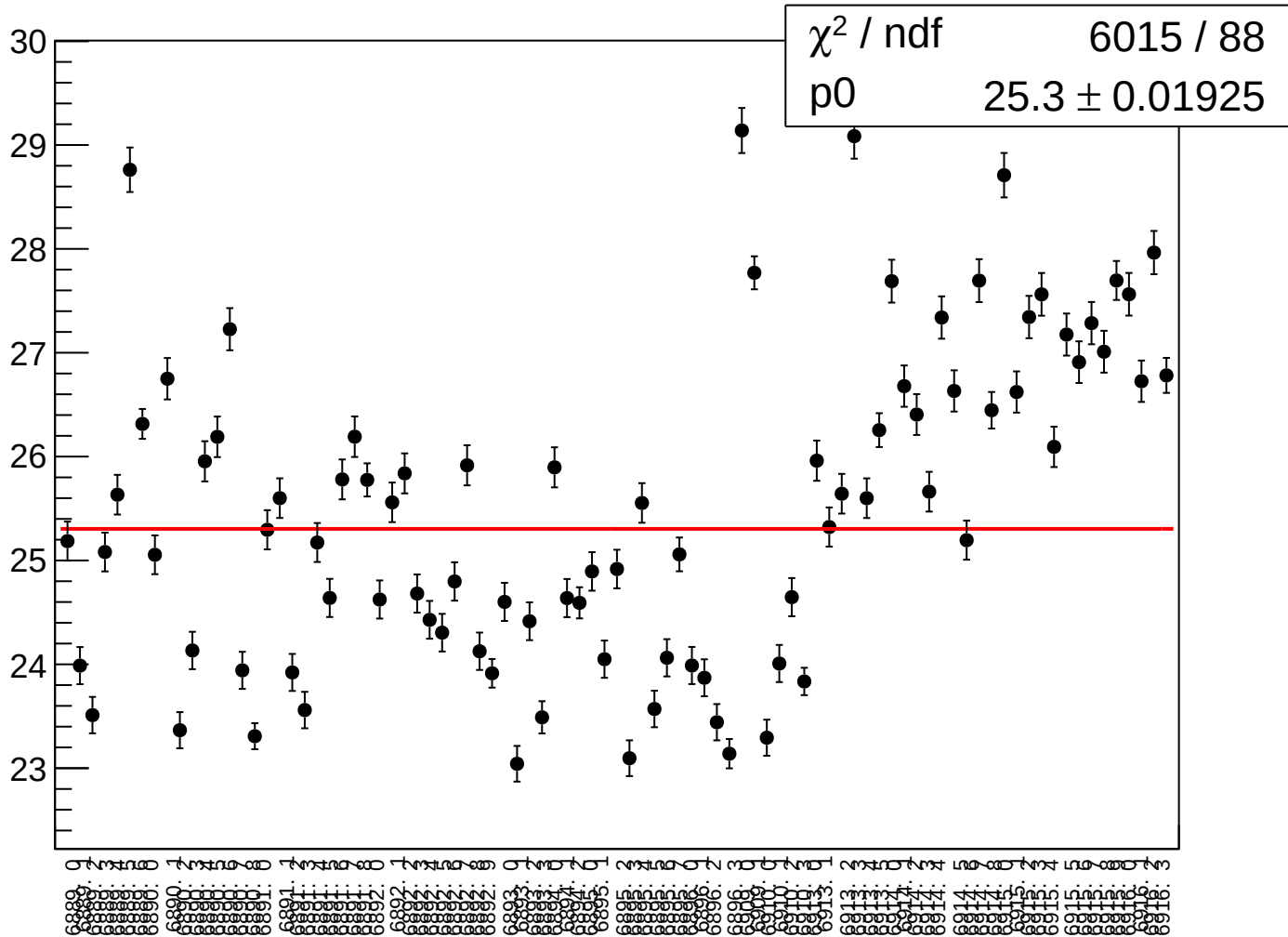
asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs run



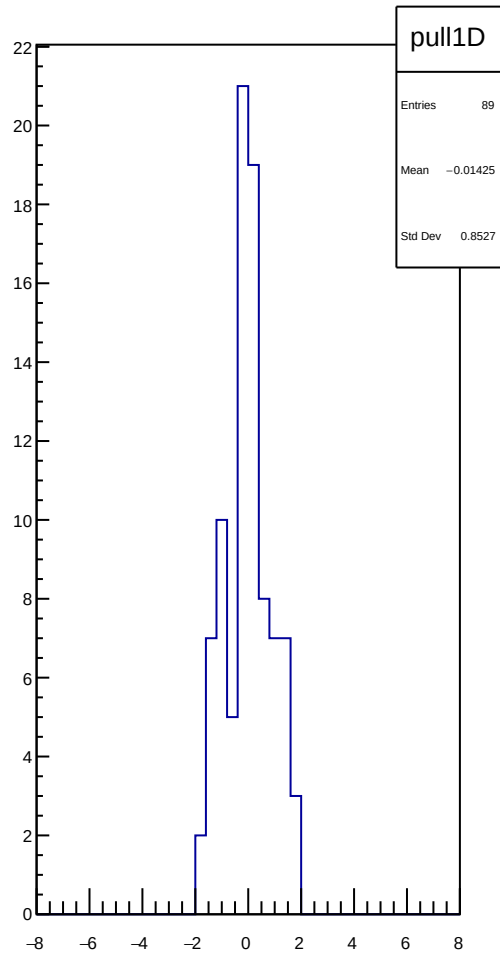
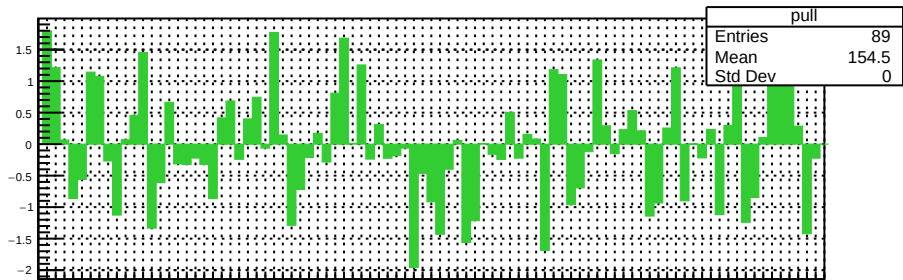
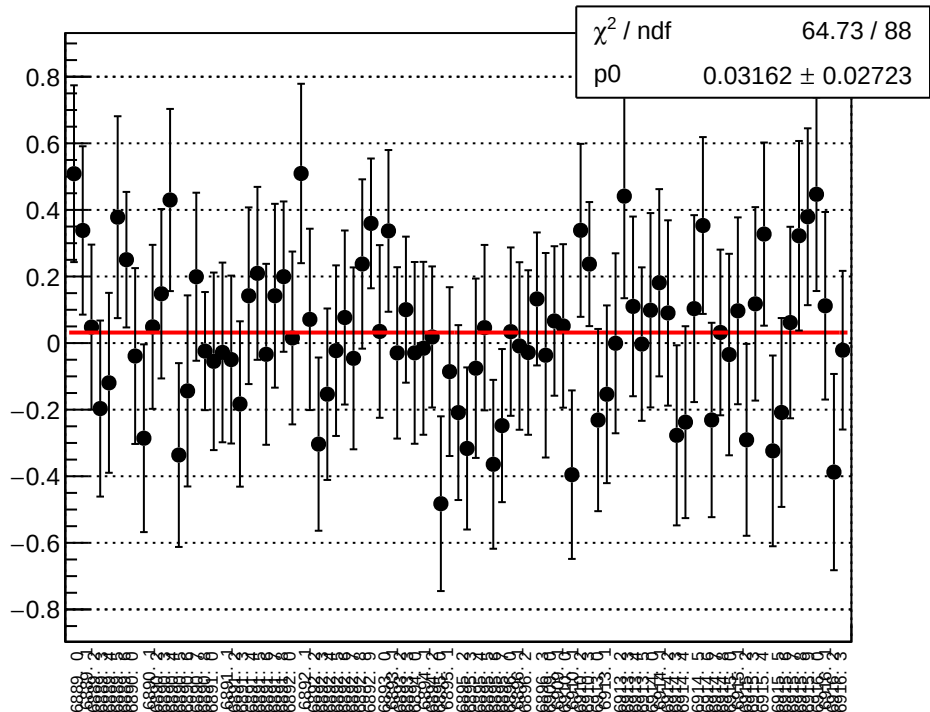
asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs run



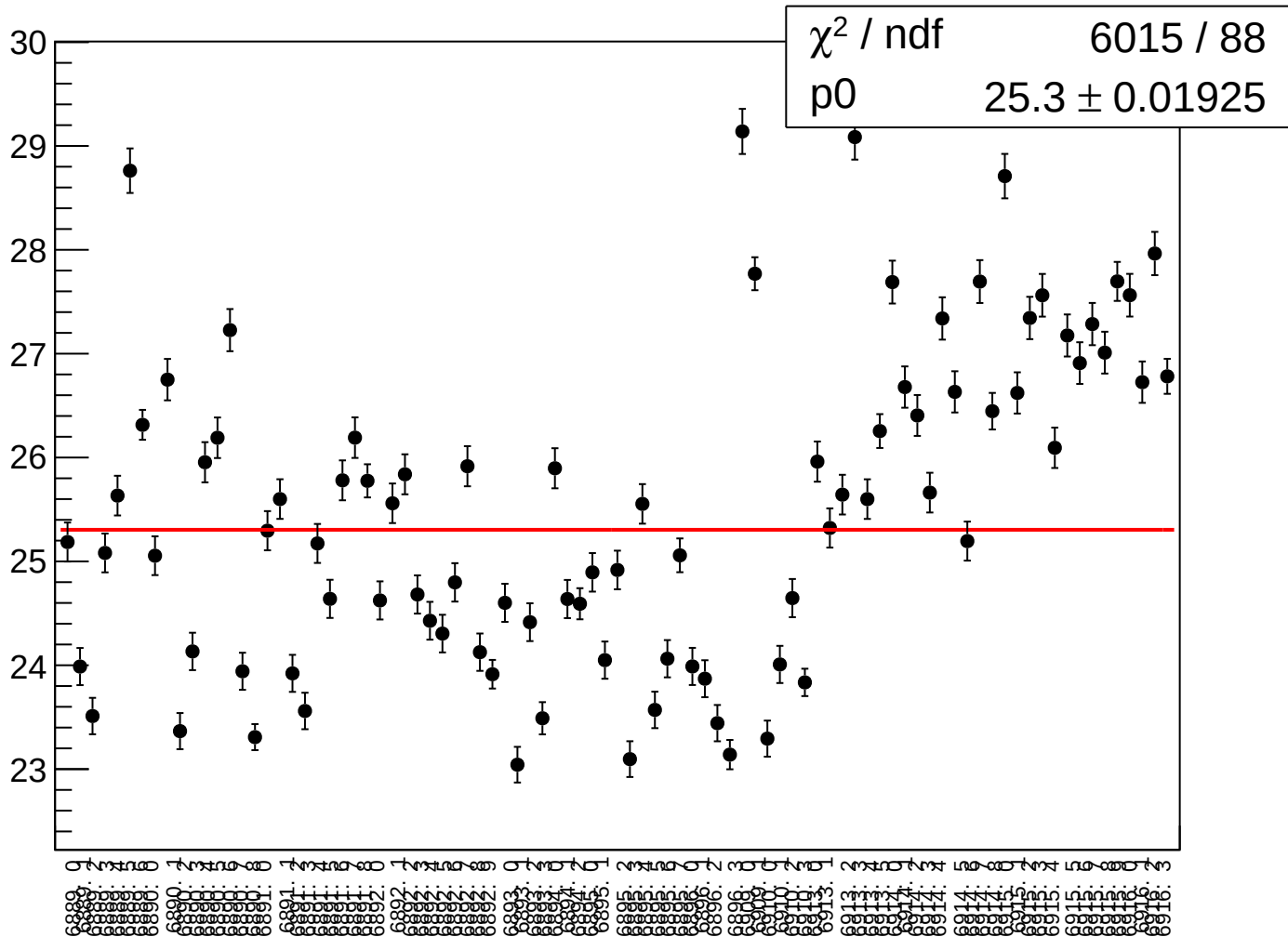
asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs run



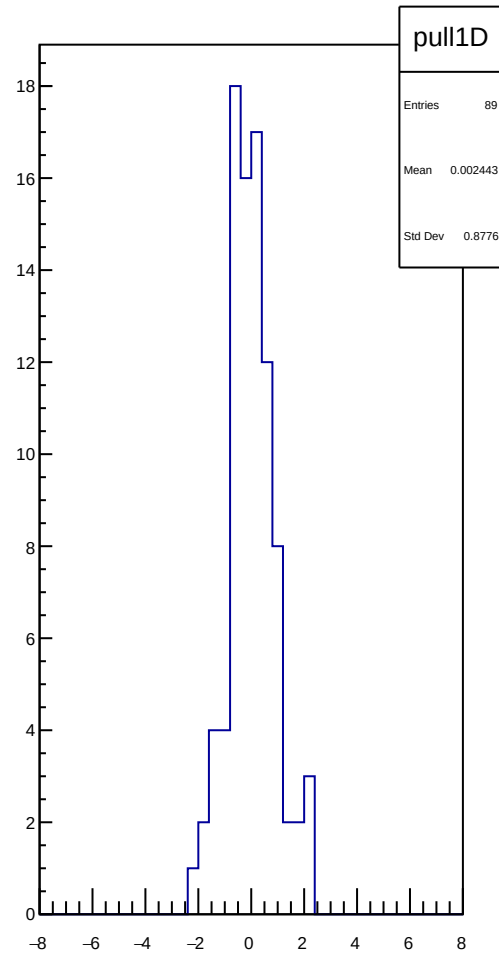
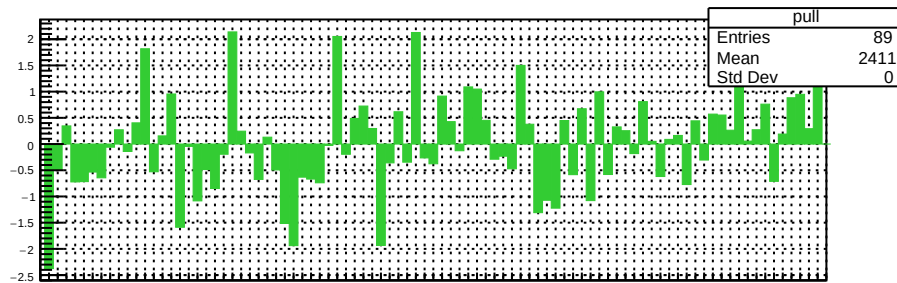
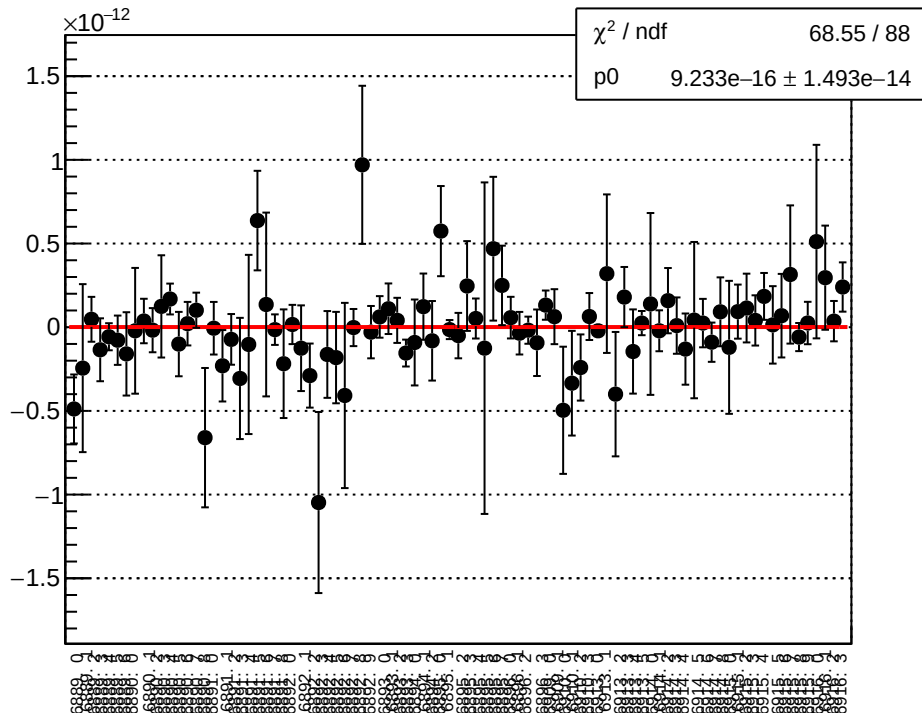
asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs run



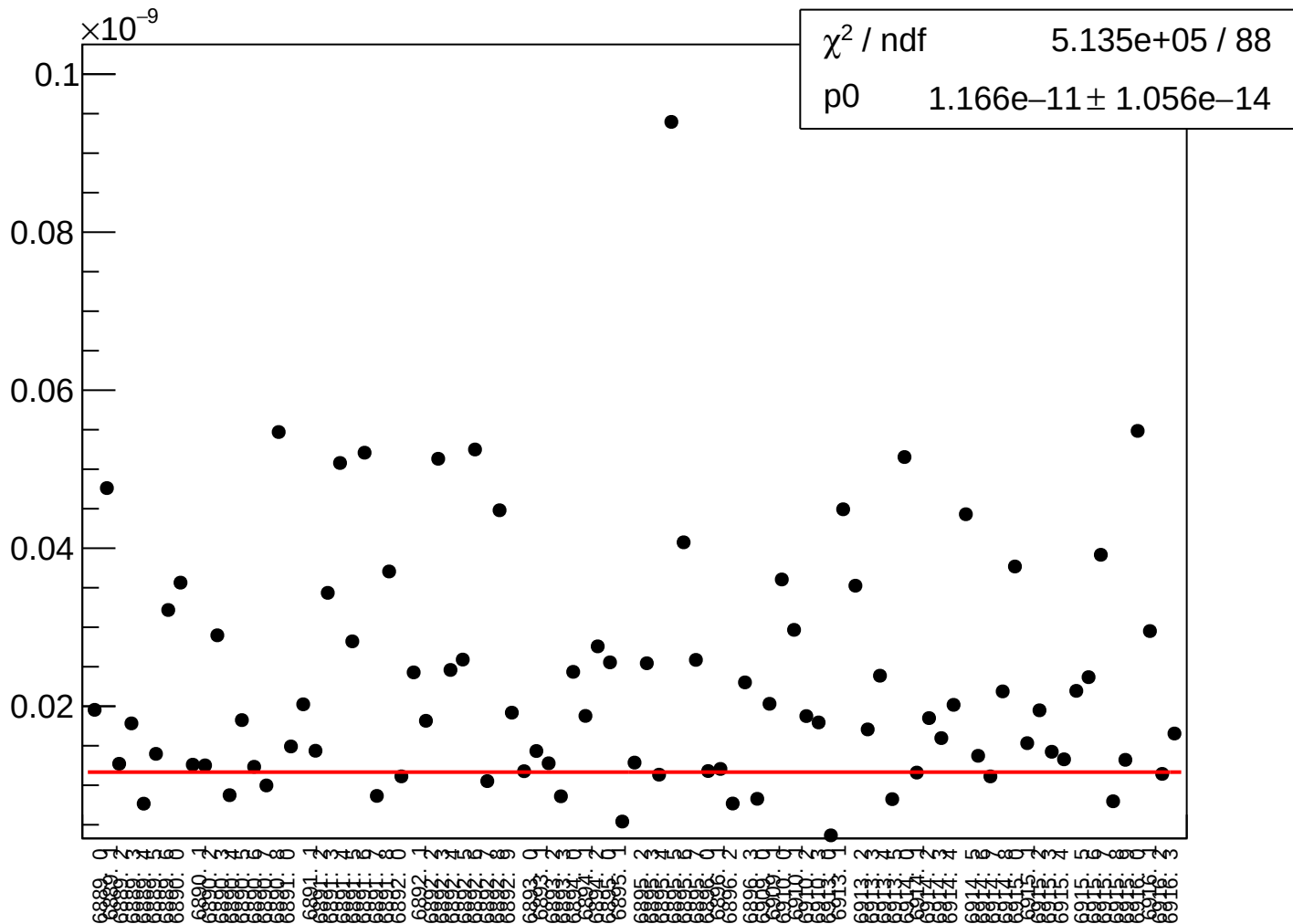
asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



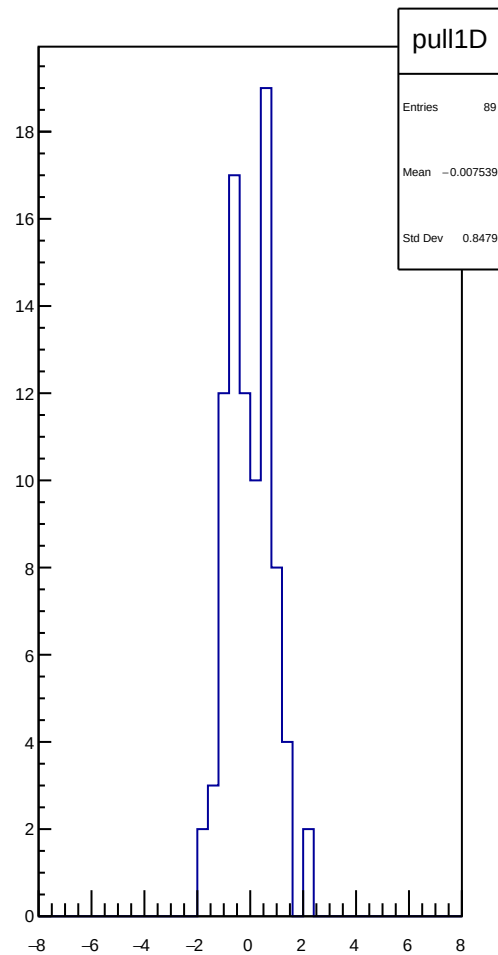
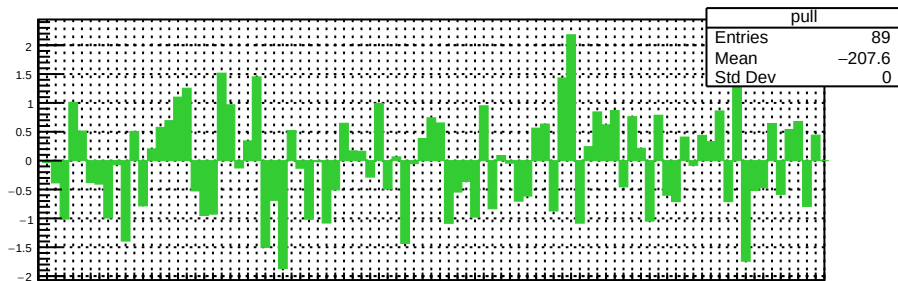
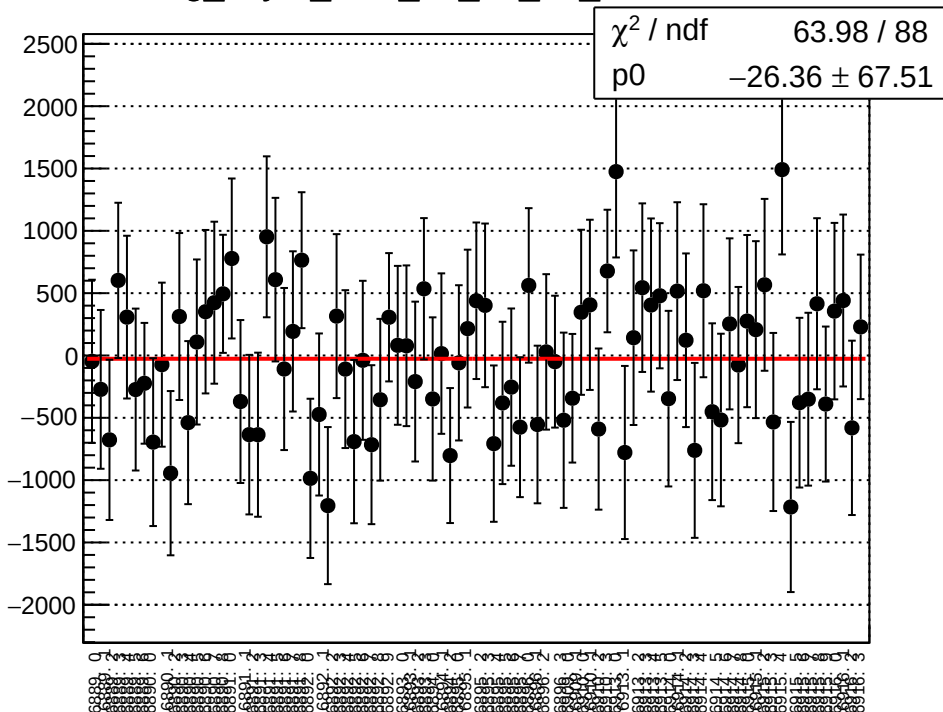
asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs run



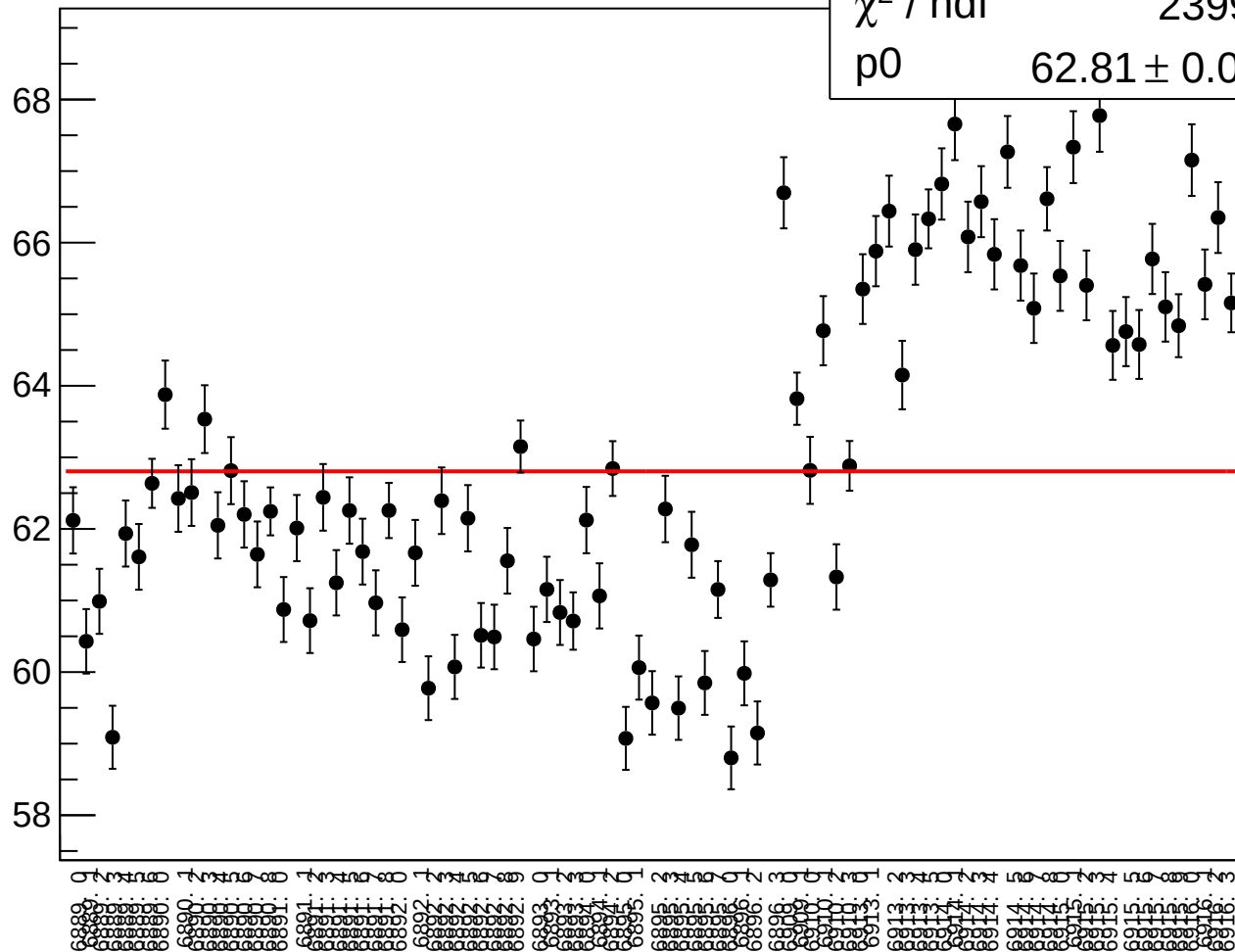
asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs run



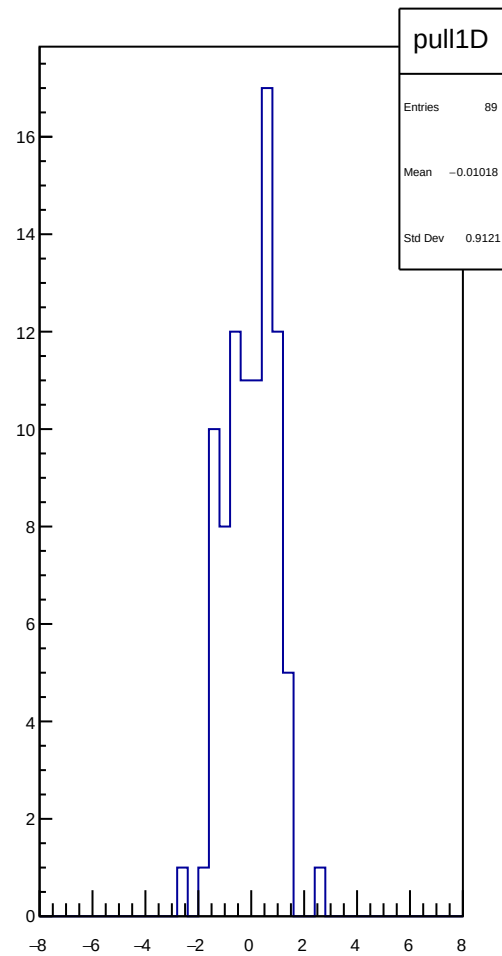
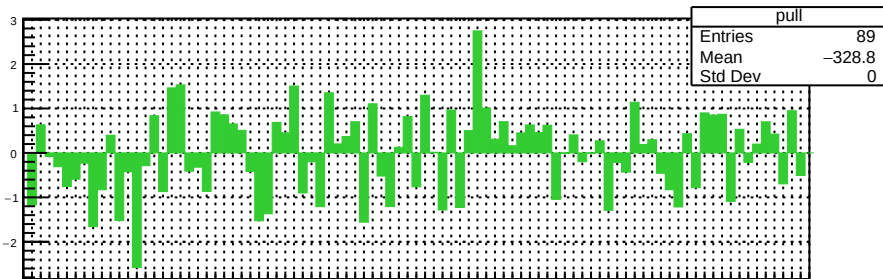
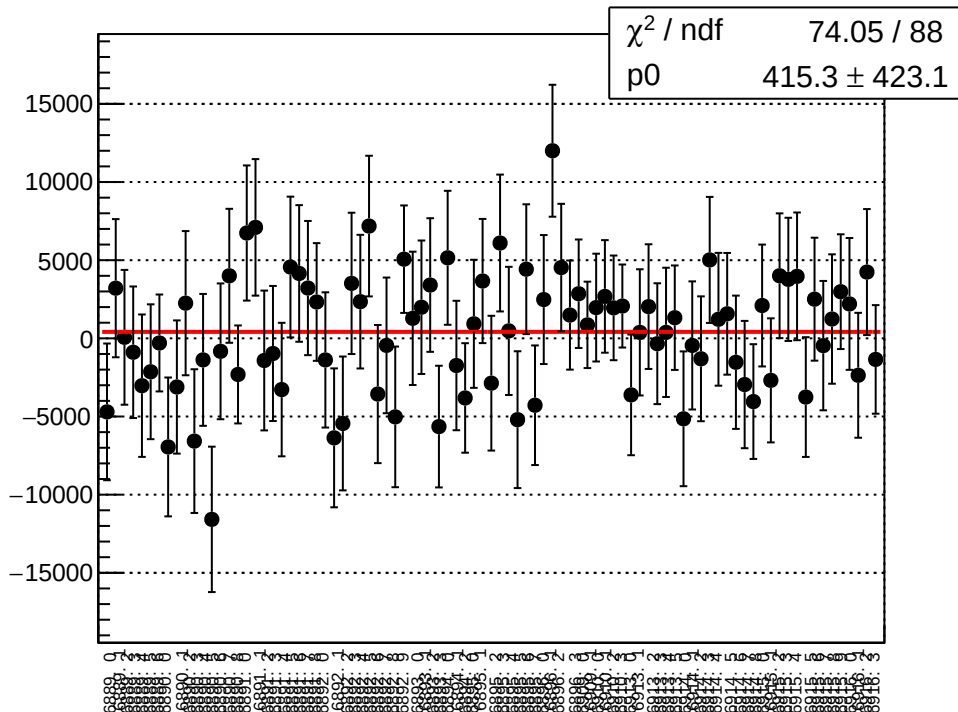
reg_asym_sam_37_48_dd_mean vs run



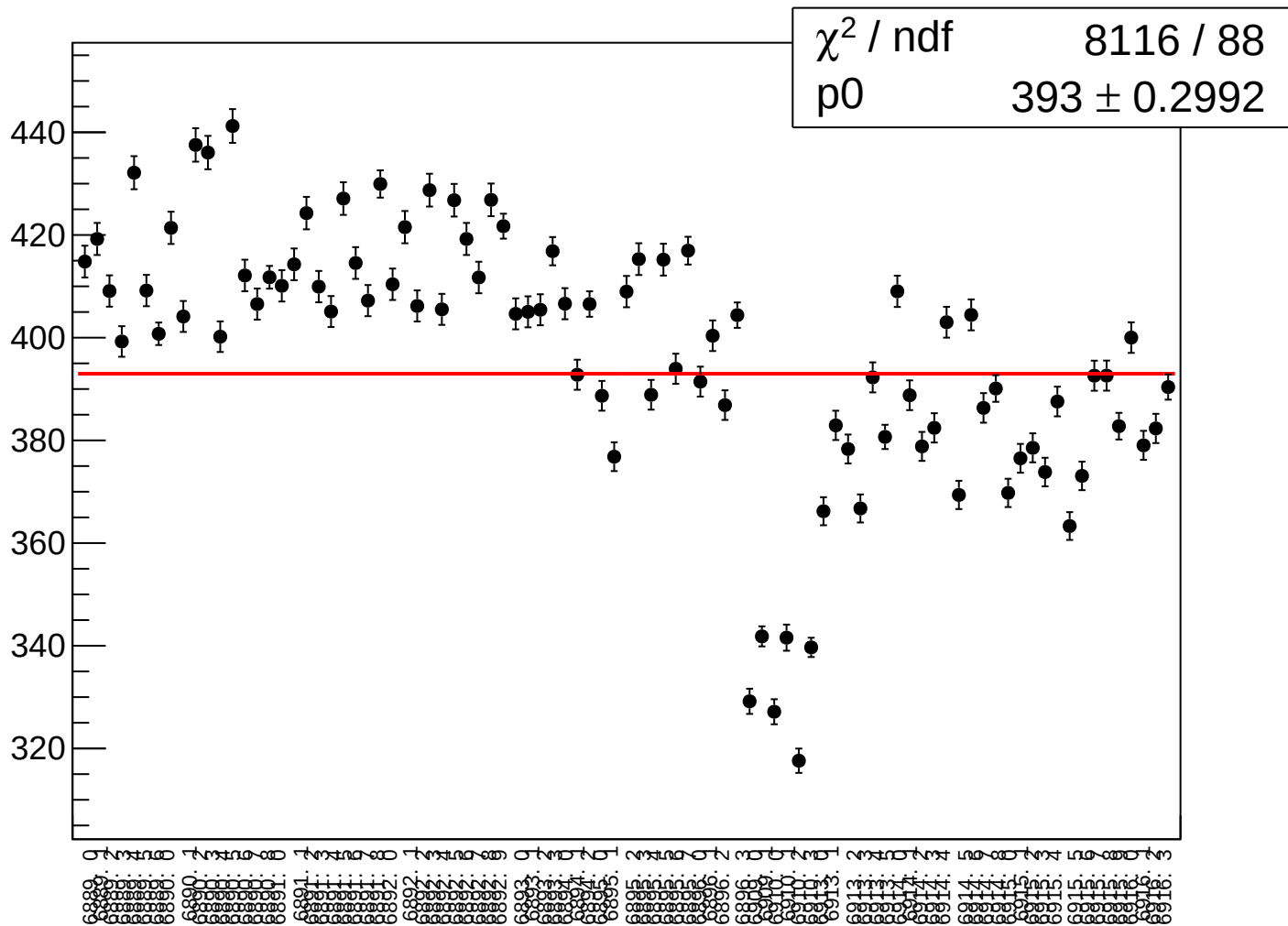
χ^2 / ndf	2399 / 88
p0	62.81 ± 0.04773



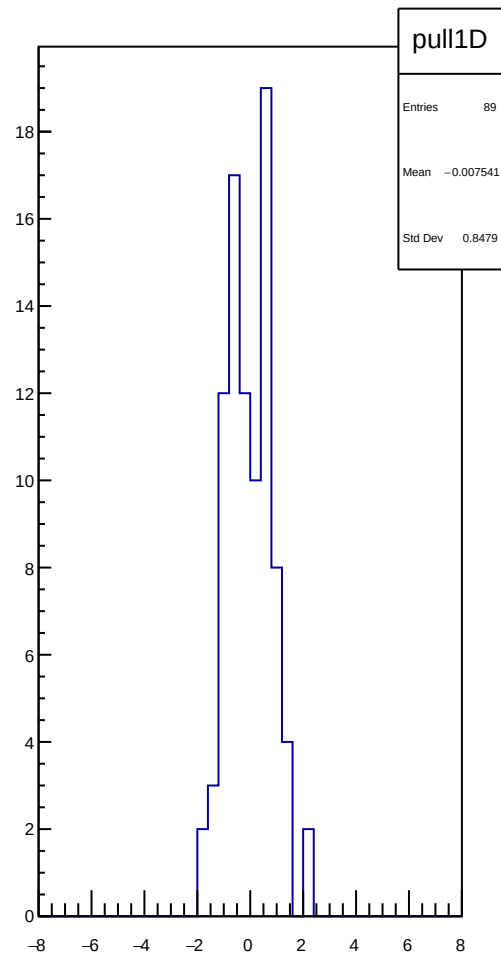
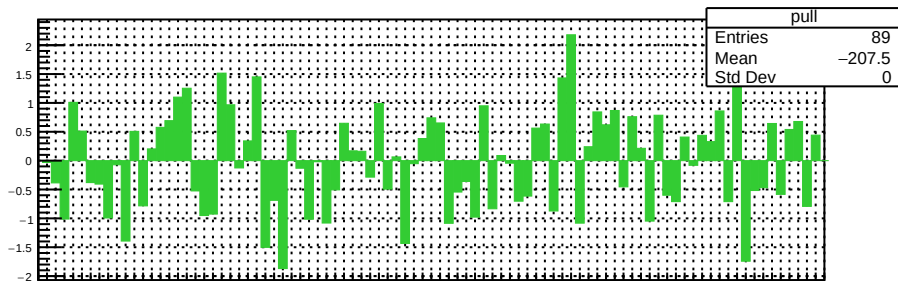
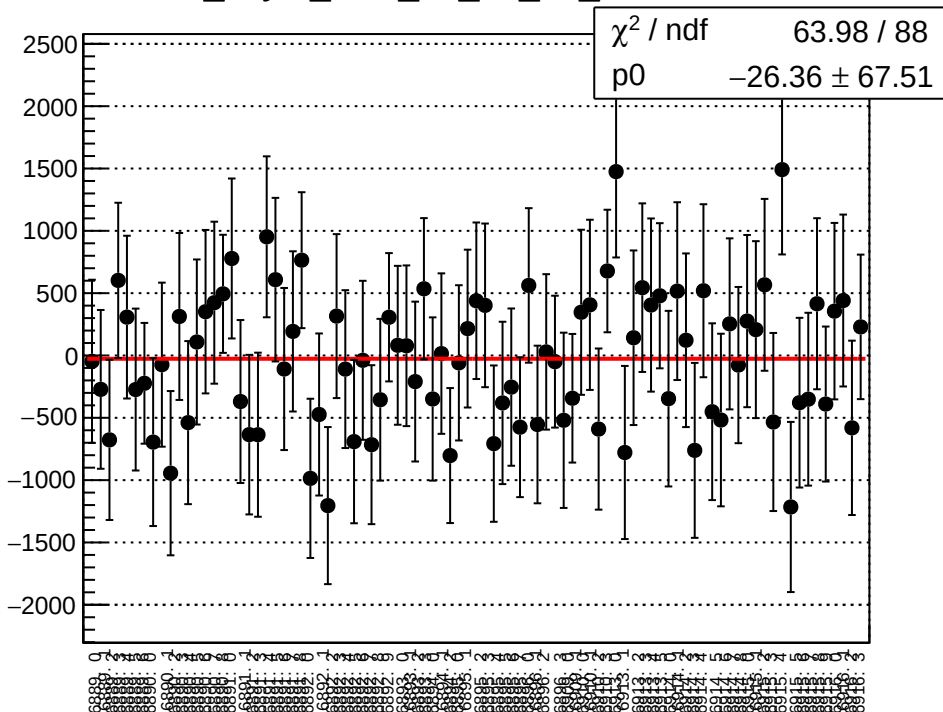
asym_sam_37_48_dd_reg_correction_mean vs run



asym_sam_37_48_dd_reg_correction_rms vs run



cor_asym_sam_37_48_dd_mean vs run



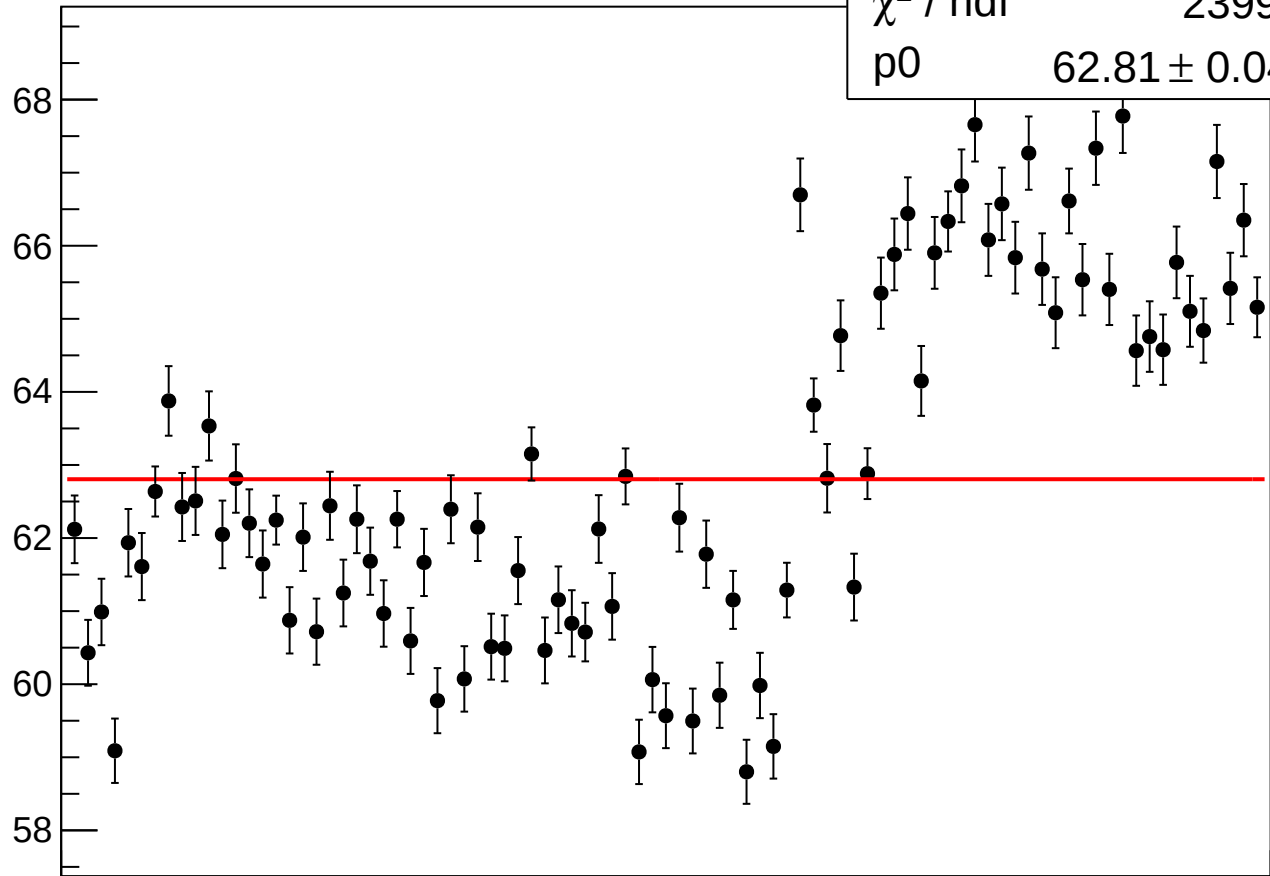
cor_asym_sam_37_48_dd_rms vs run

χ^2 / ndf

2399 / 88

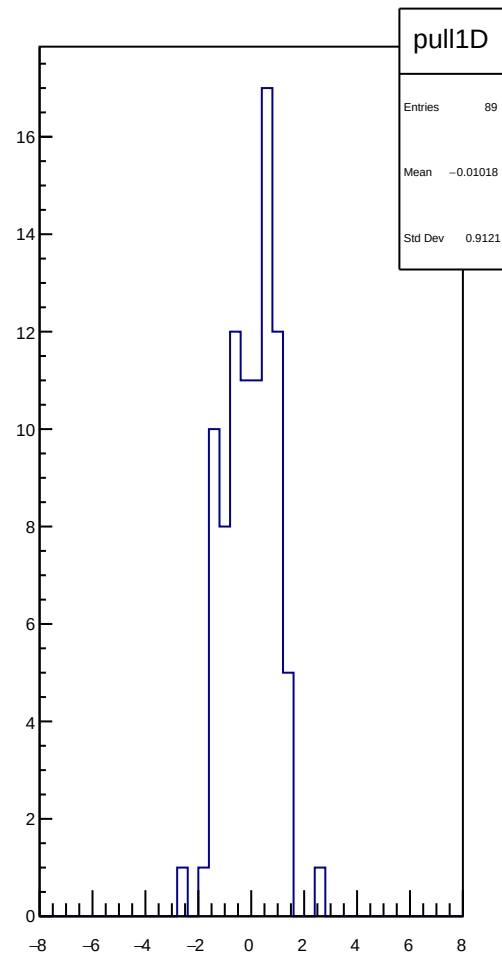
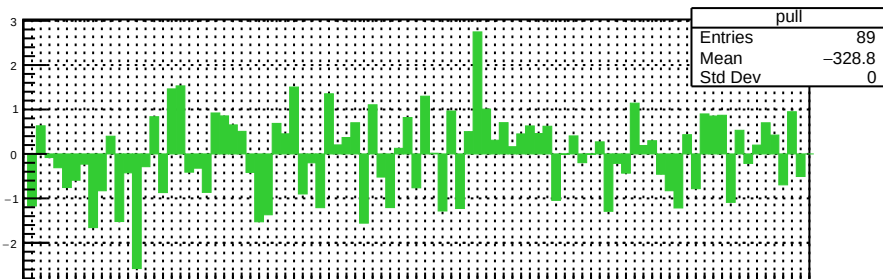
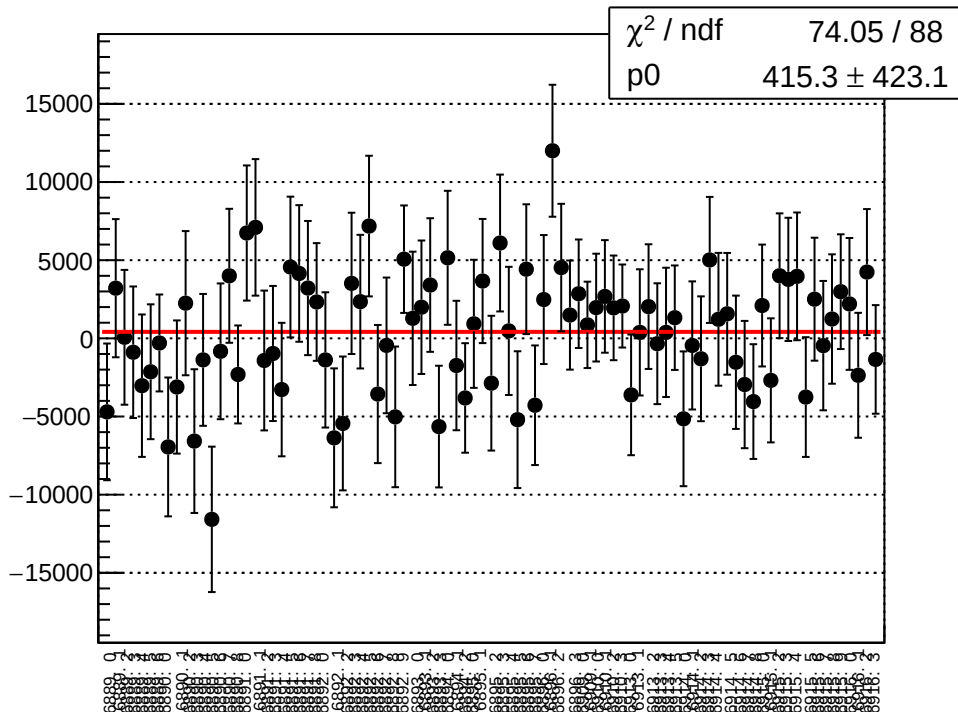
p0

62.81 ± 0.04773

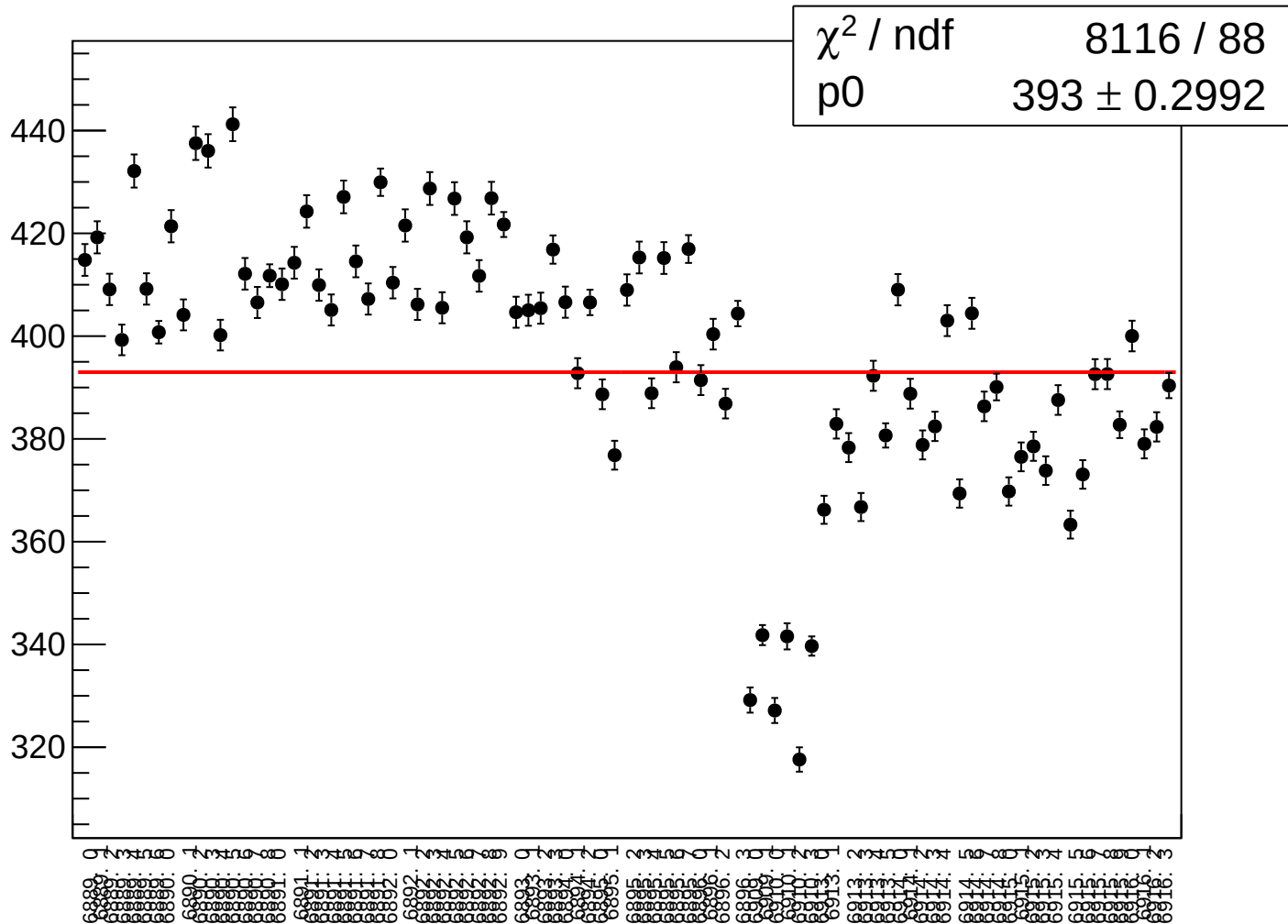


run

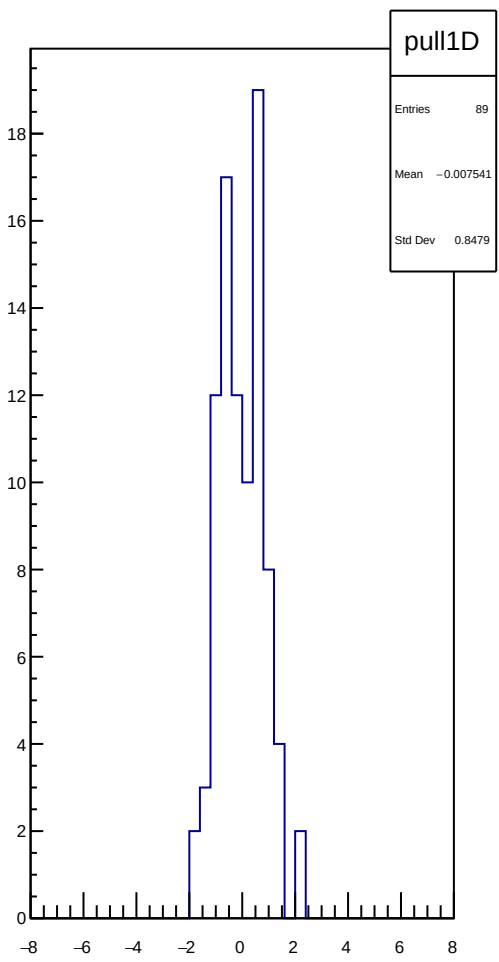
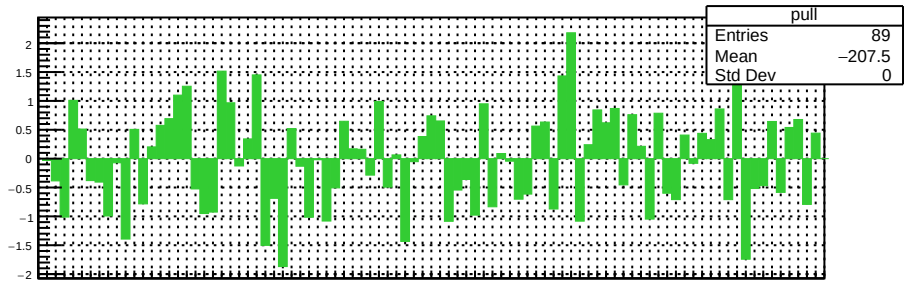
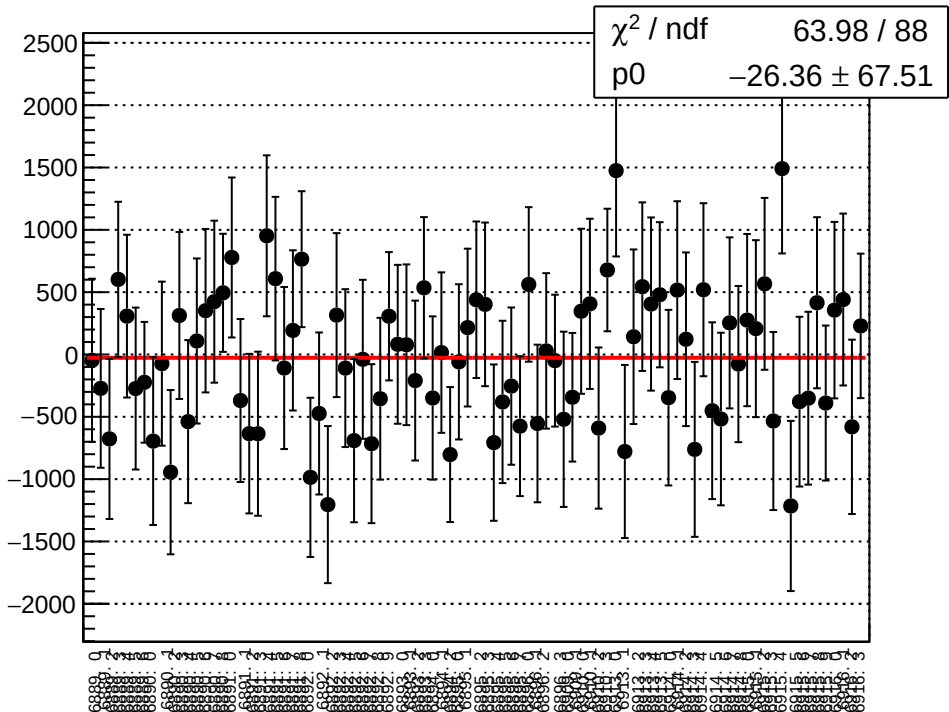
asym_sam_37_48_dd_cor_correction_mean vs run



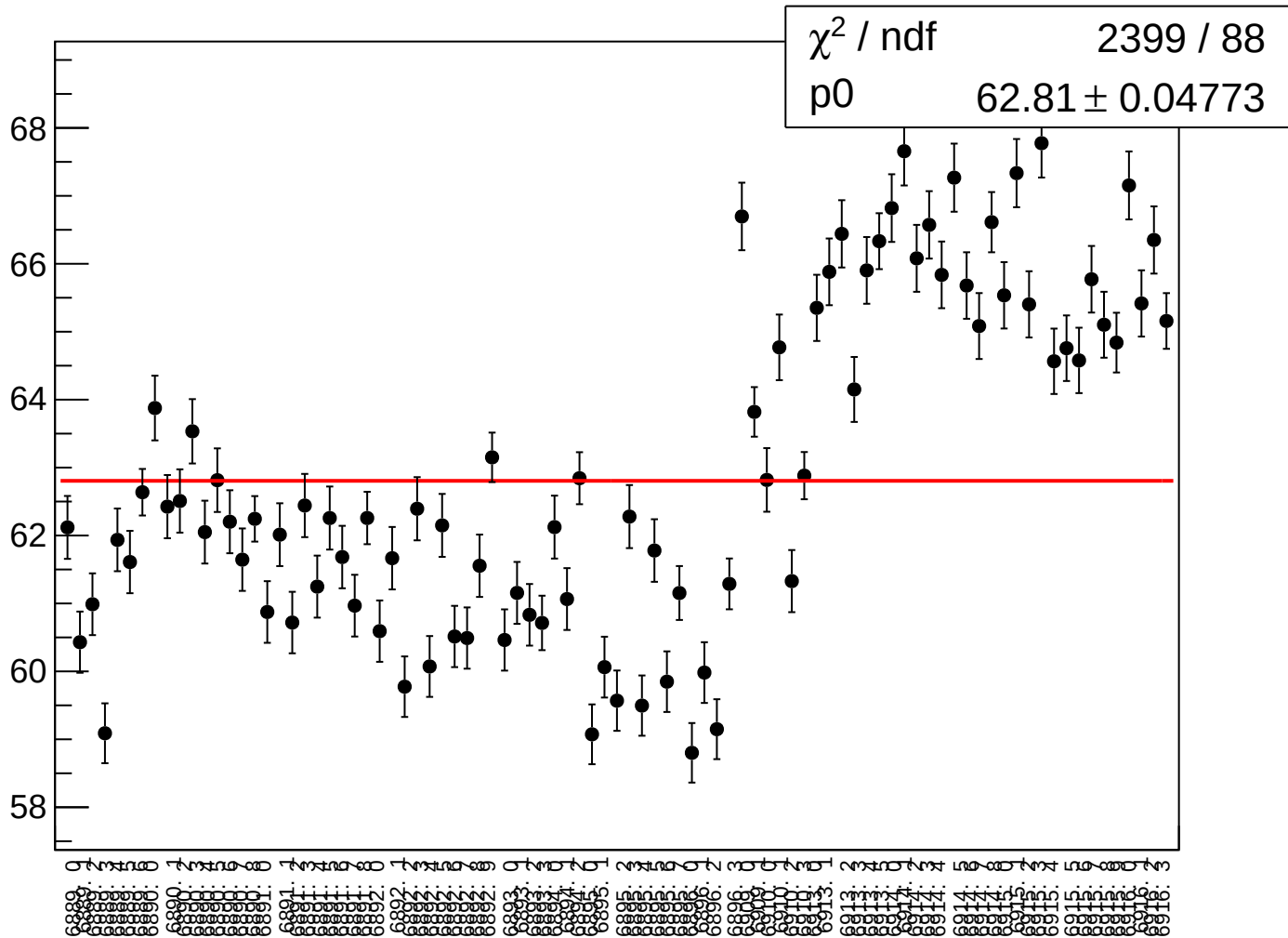
asym_sam_37_48_dd_cor_correction_rms vs run



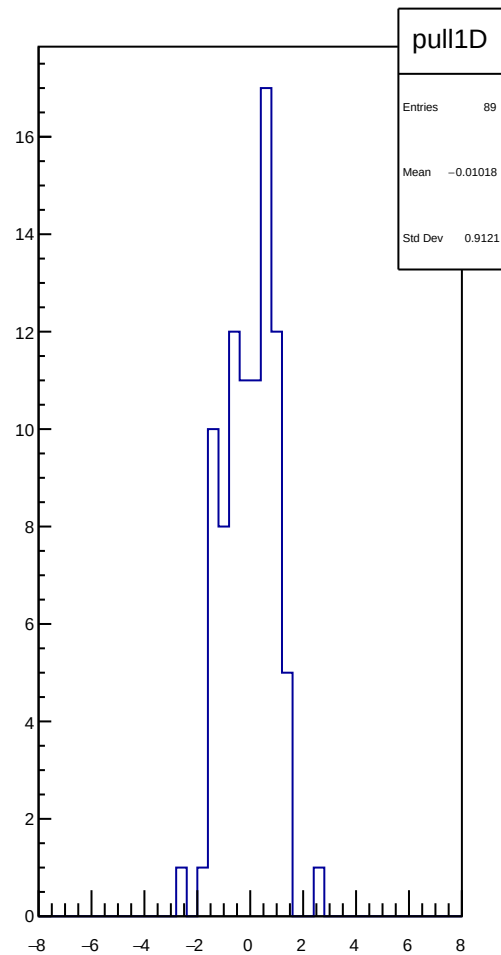
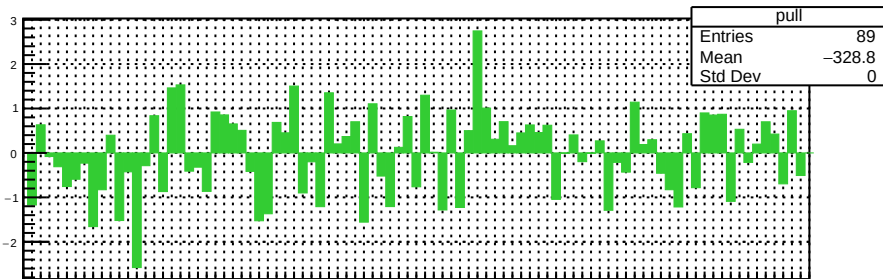
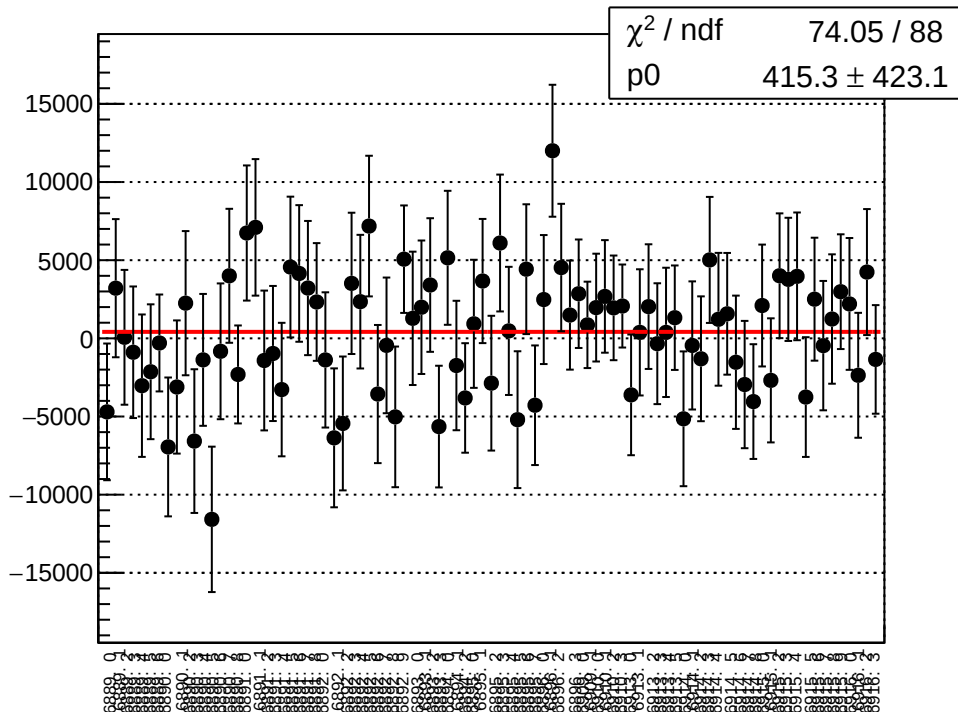
eigen_cor_asym_sam_37_48_dd_mean vs run



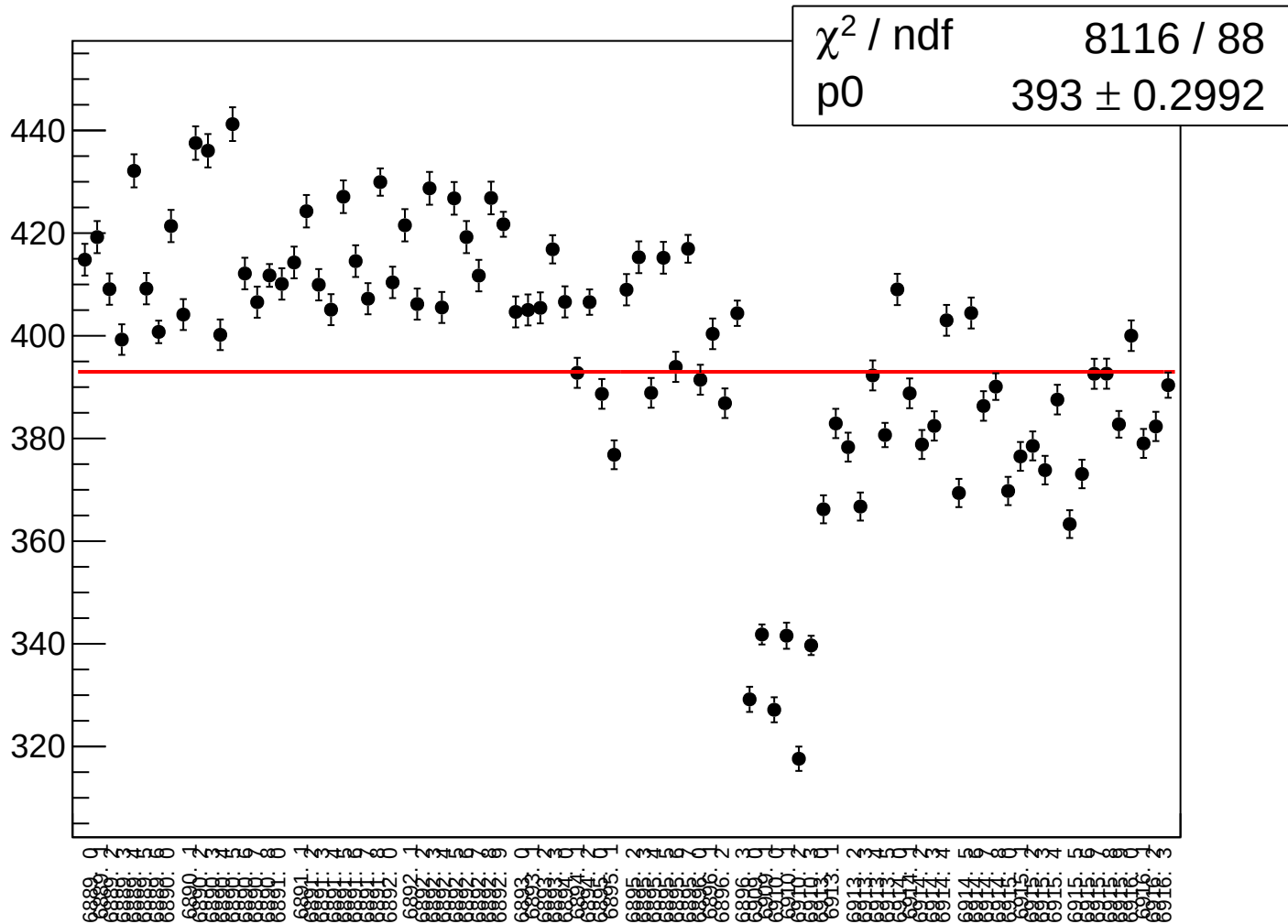
eigen_cor_asym_sam_37_48_dd_rms vs run



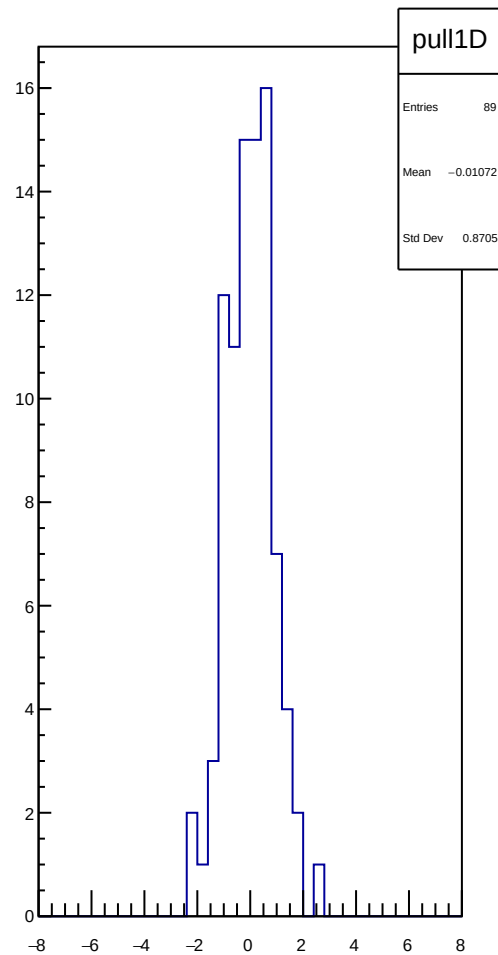
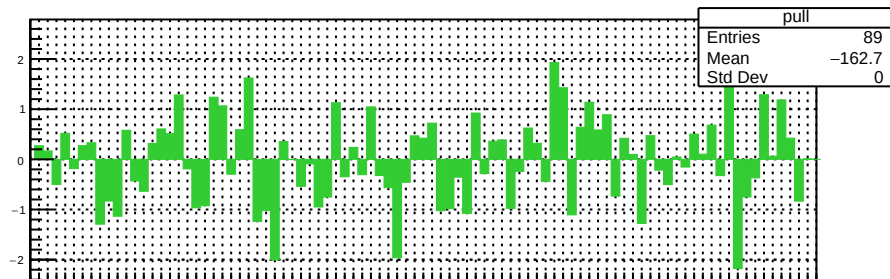
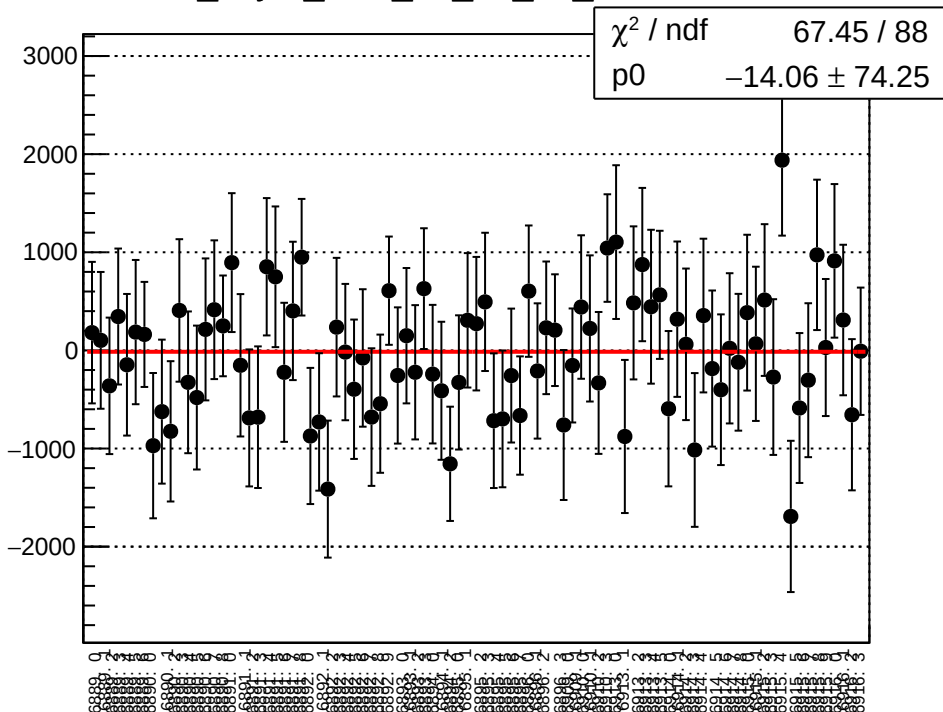
asym_sam_37_48_dd_eigen_cor_correction_mean vs run



asym_sam_37_48_dd_eigen_cor_correction_rms vs run



dit_asym_sam_37_48_dd_mean vs run



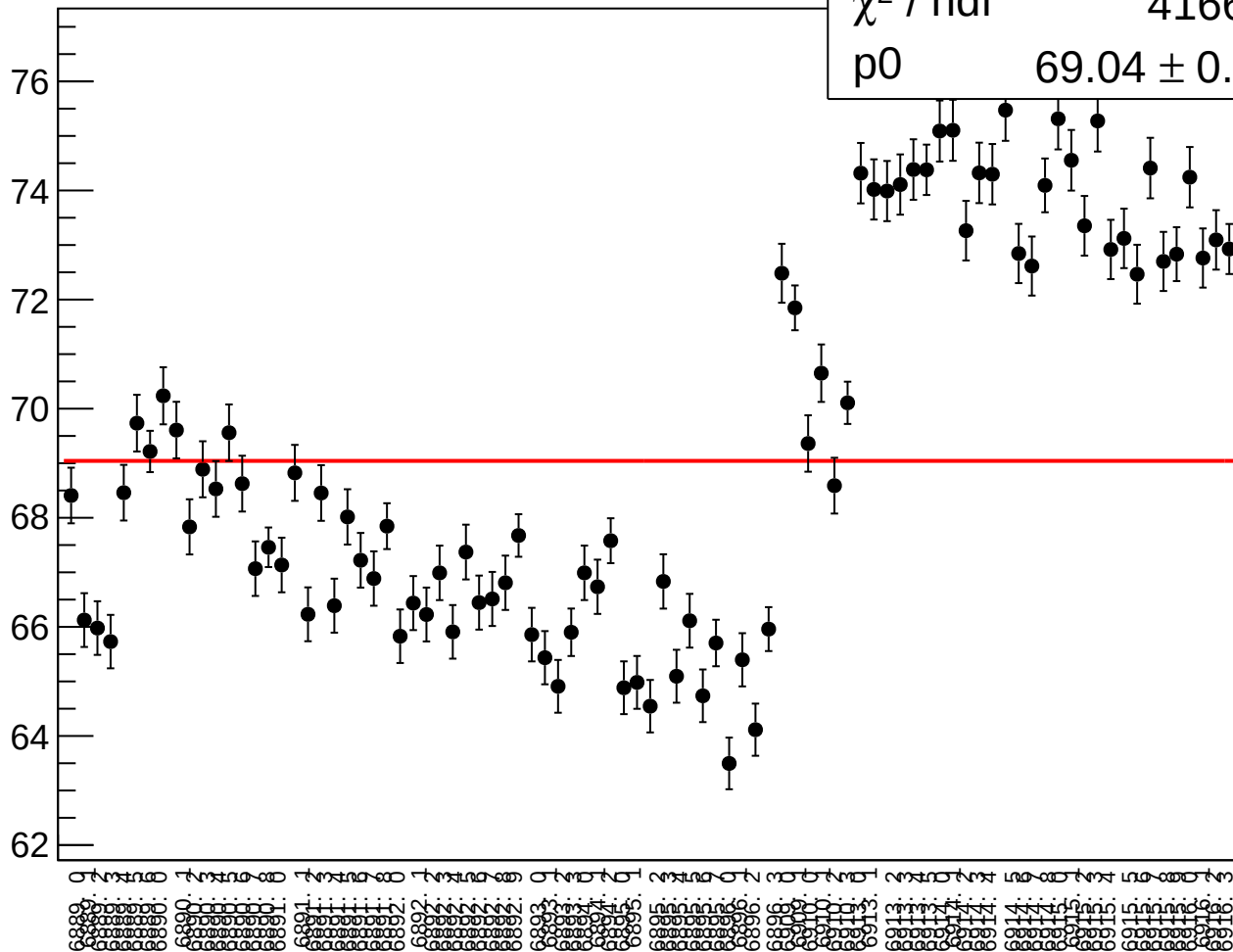
dit_asym_sam_37_48_dd_rms vs run

χ^2 / ndf

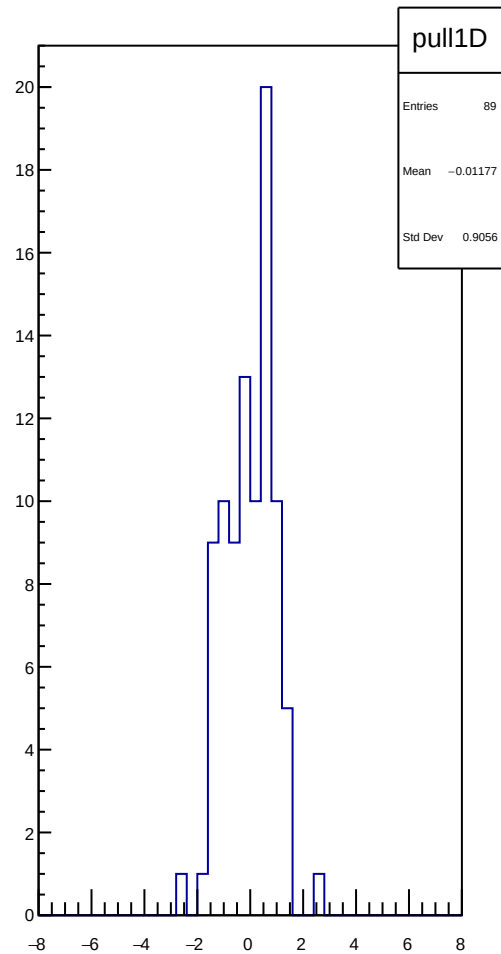
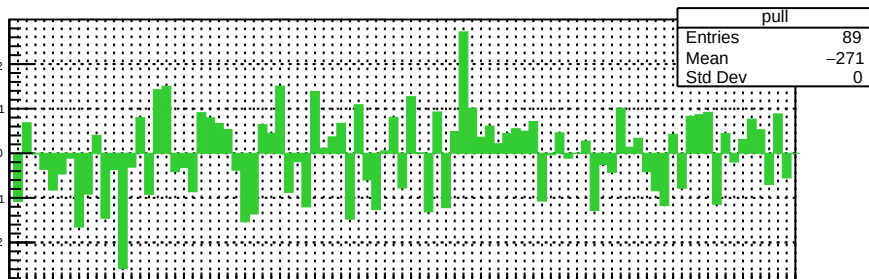
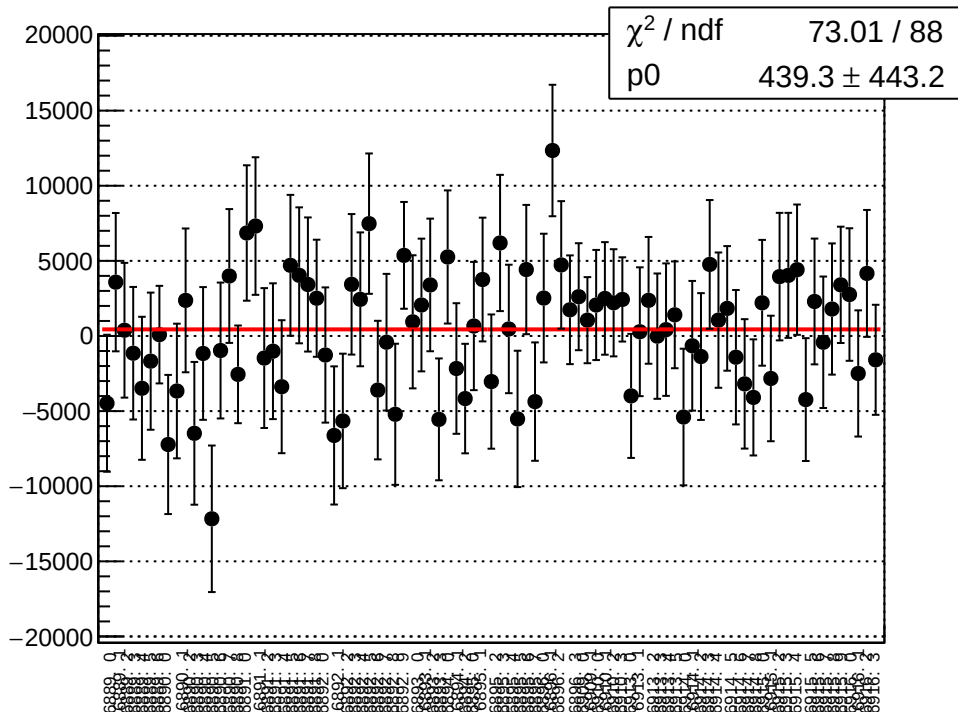
4166 / 88

p0

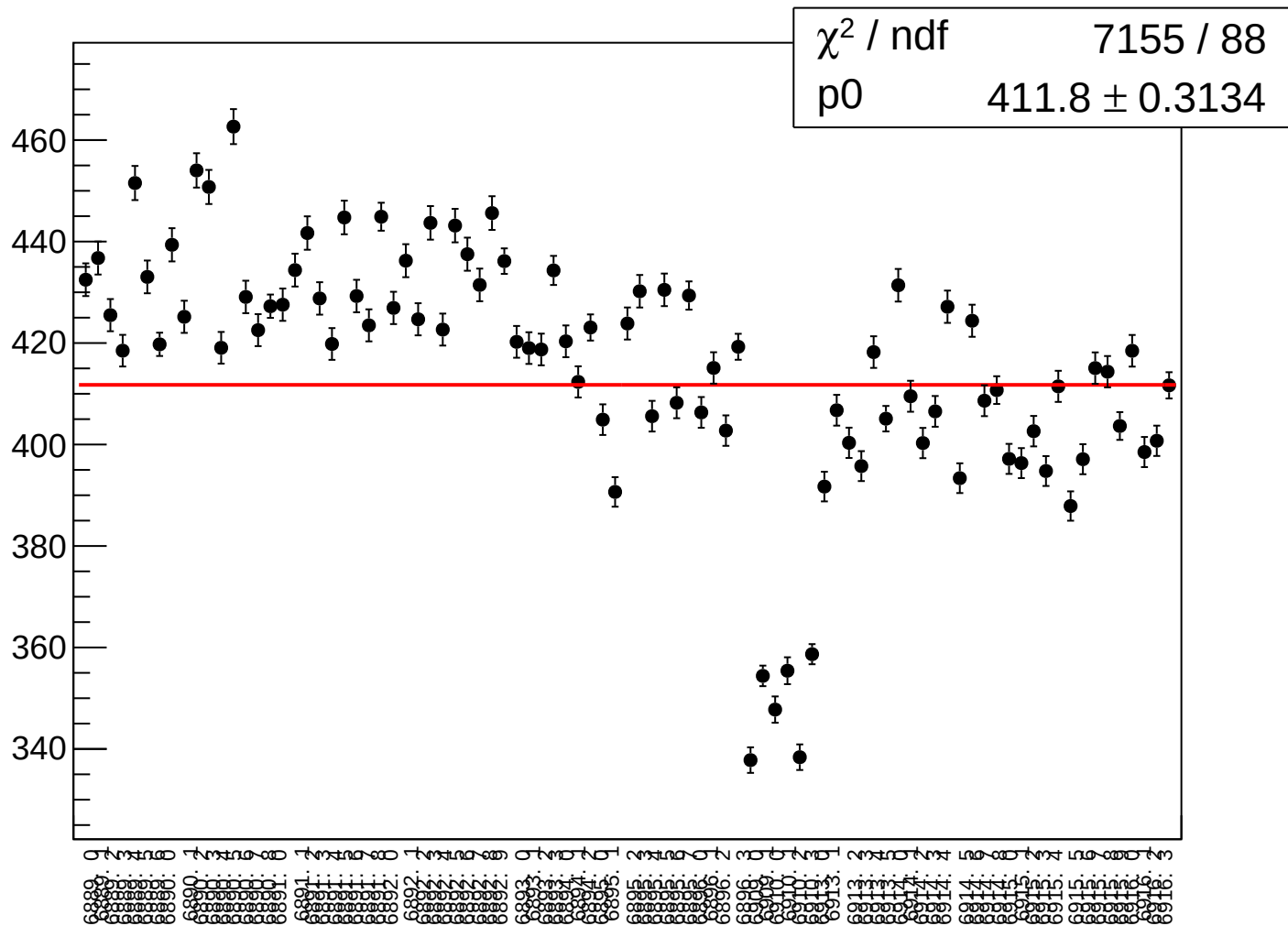
69.04 ± 0.0525



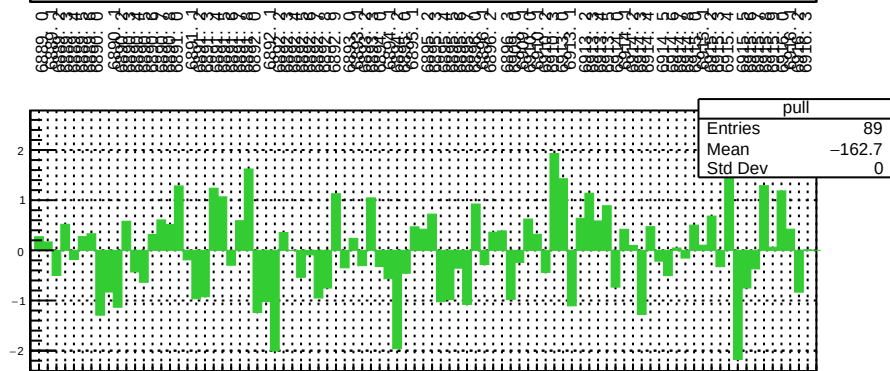
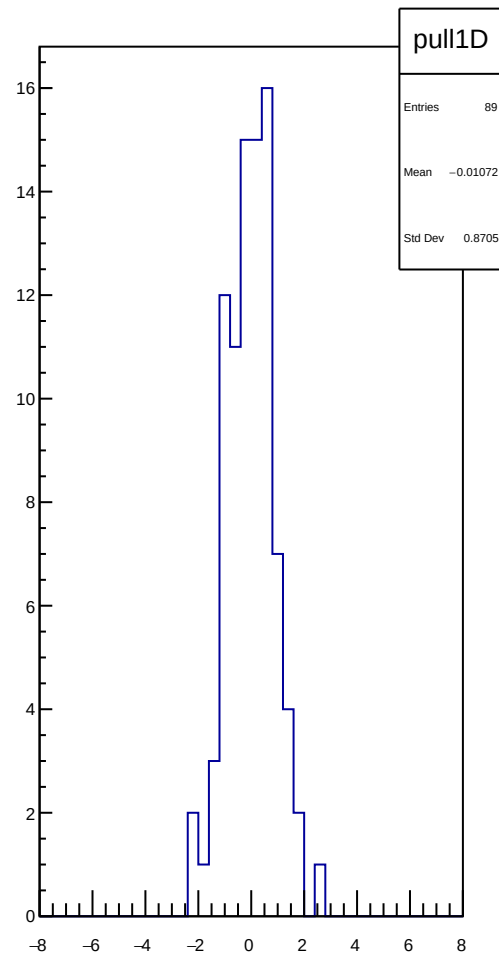
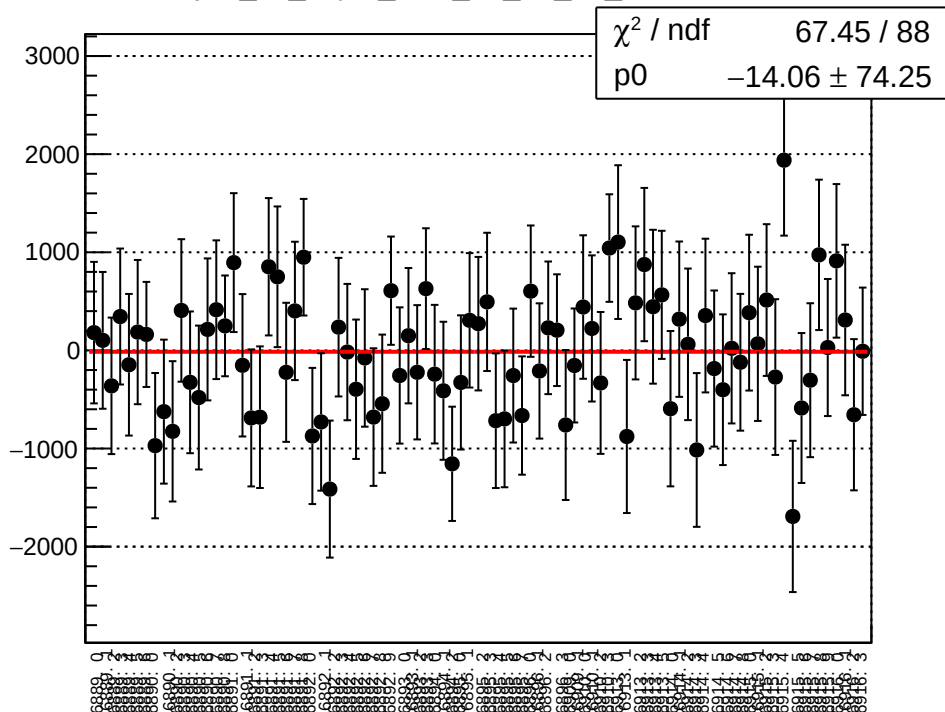
asym_sam_37_48_dd_dit_correction_mean vs run



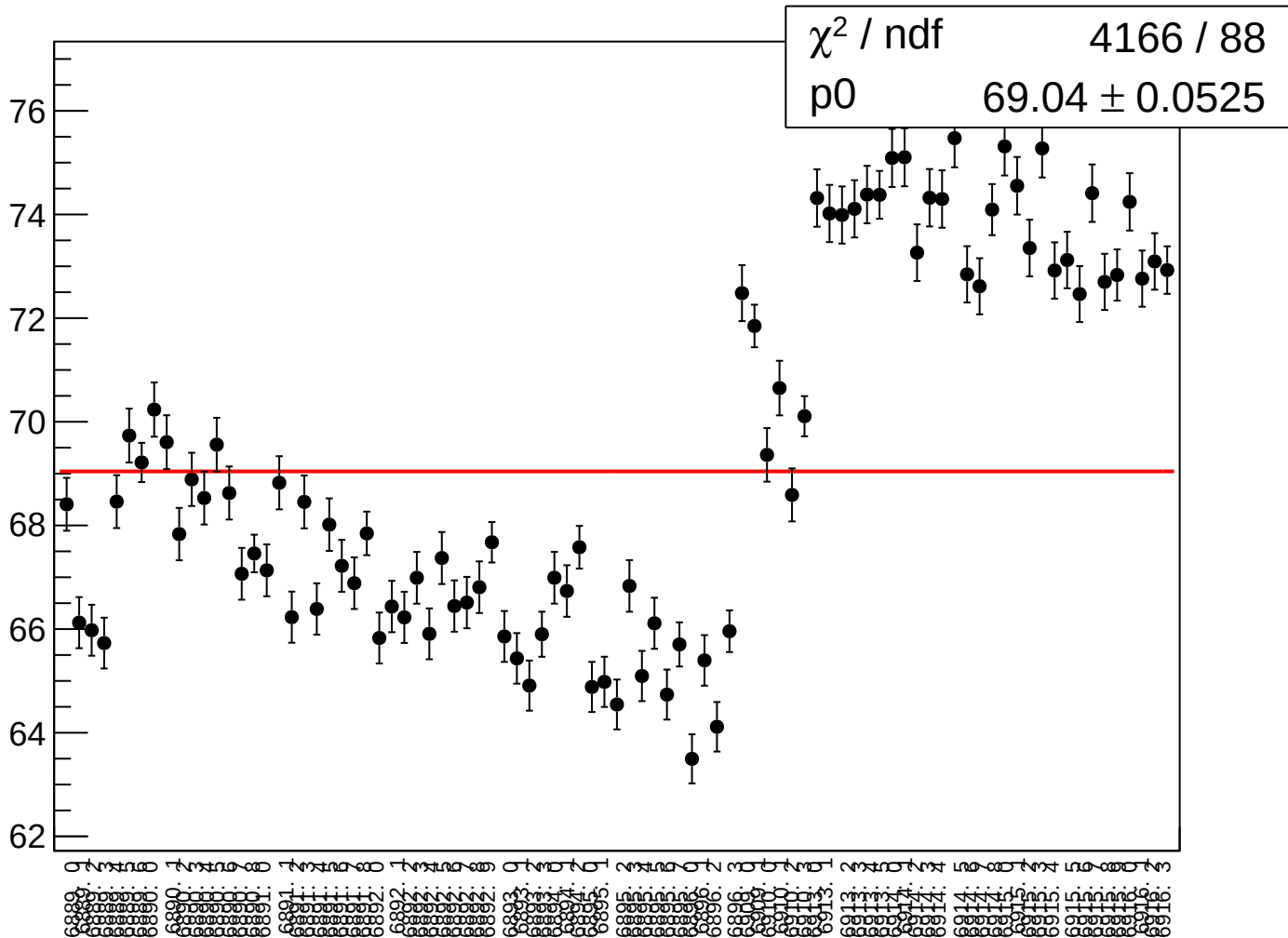
asym_sam_37_48_dd_dit_correction_rms vs run



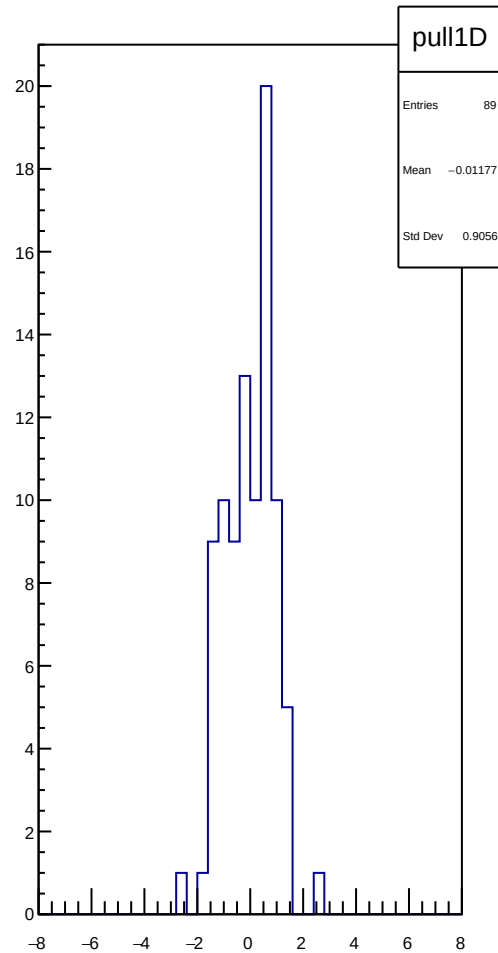
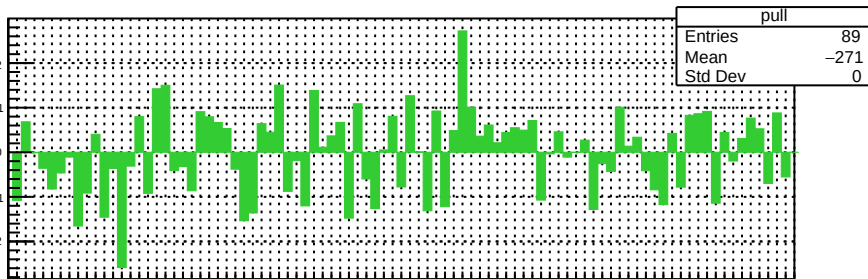
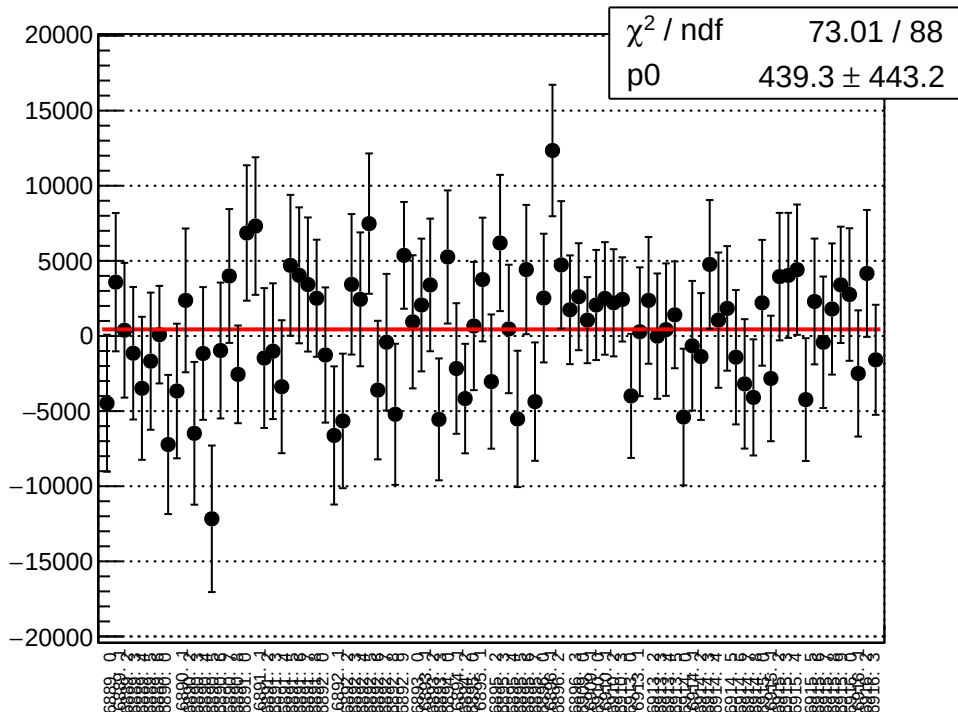
eigen_dit_asym_sam_37_48_dd_mean vs run



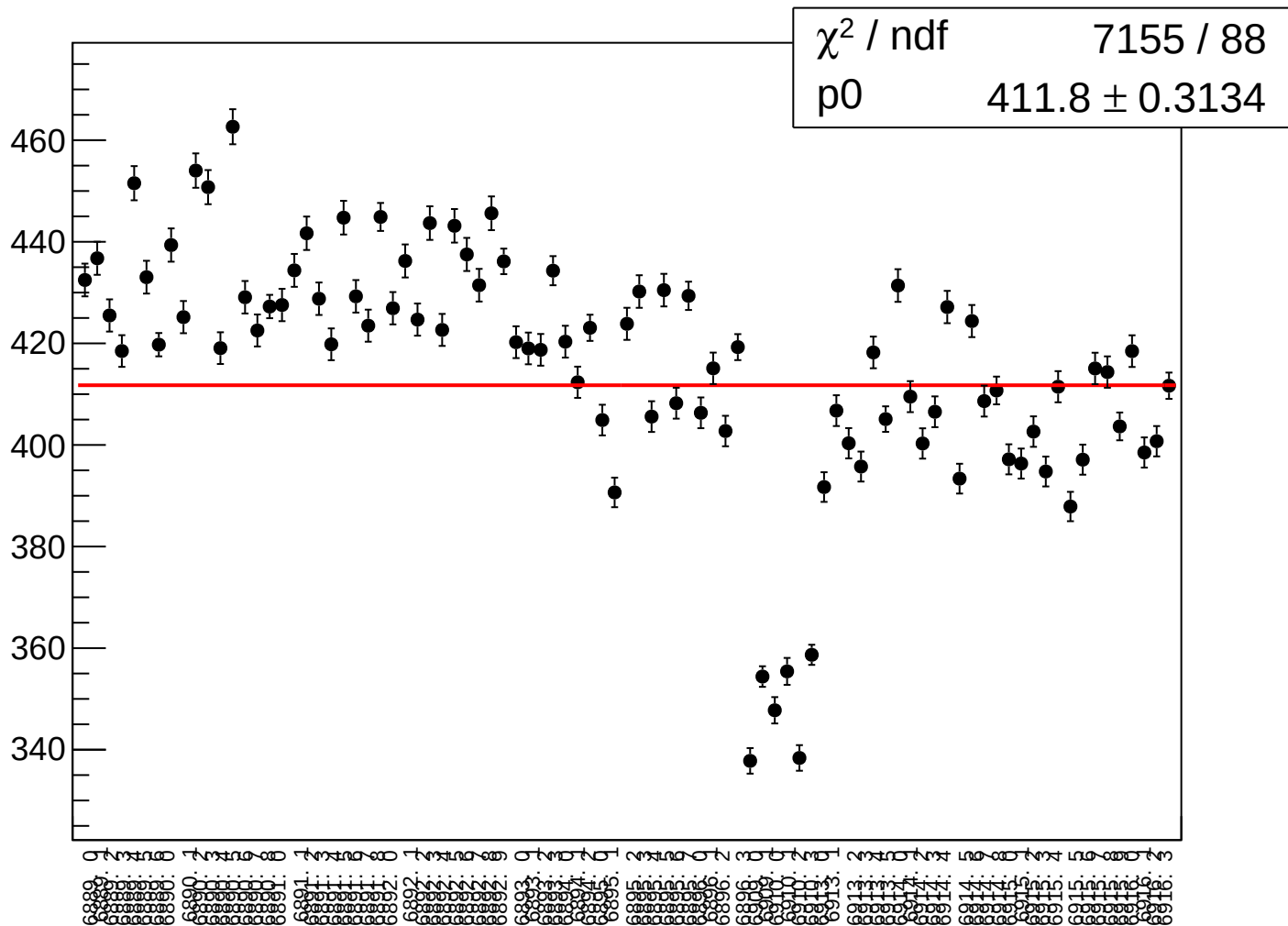
eigen_dit_asym_sam_37_48_dd_rms vs run



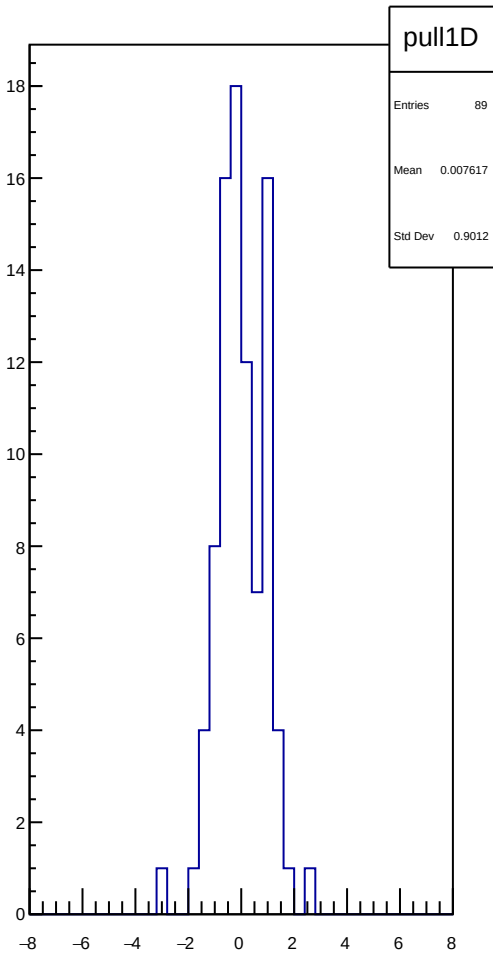
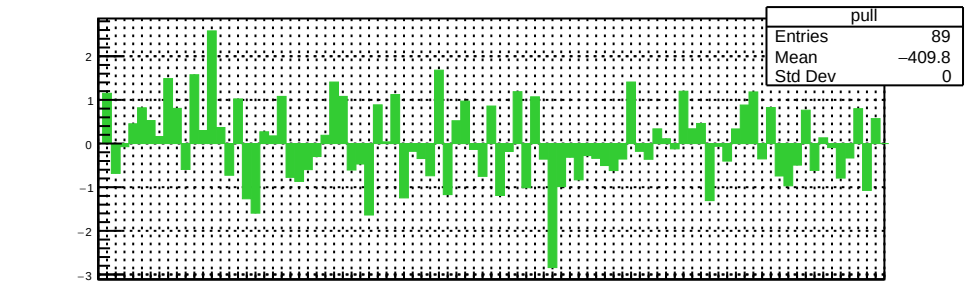
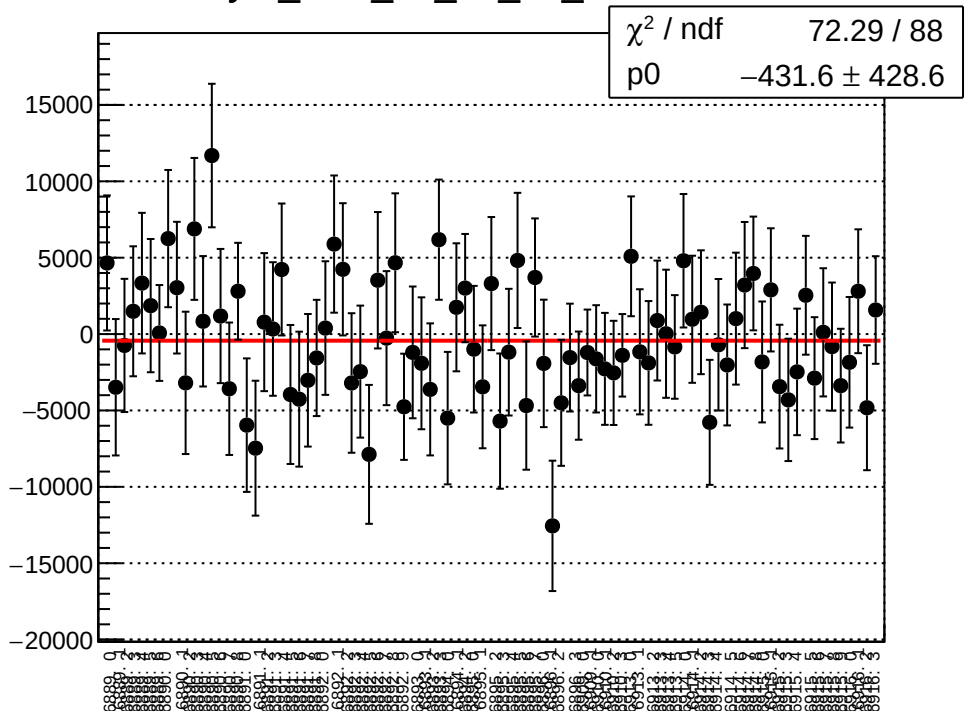
asym_sam_37_48_dd_eigen_dit_correction_mean vs run



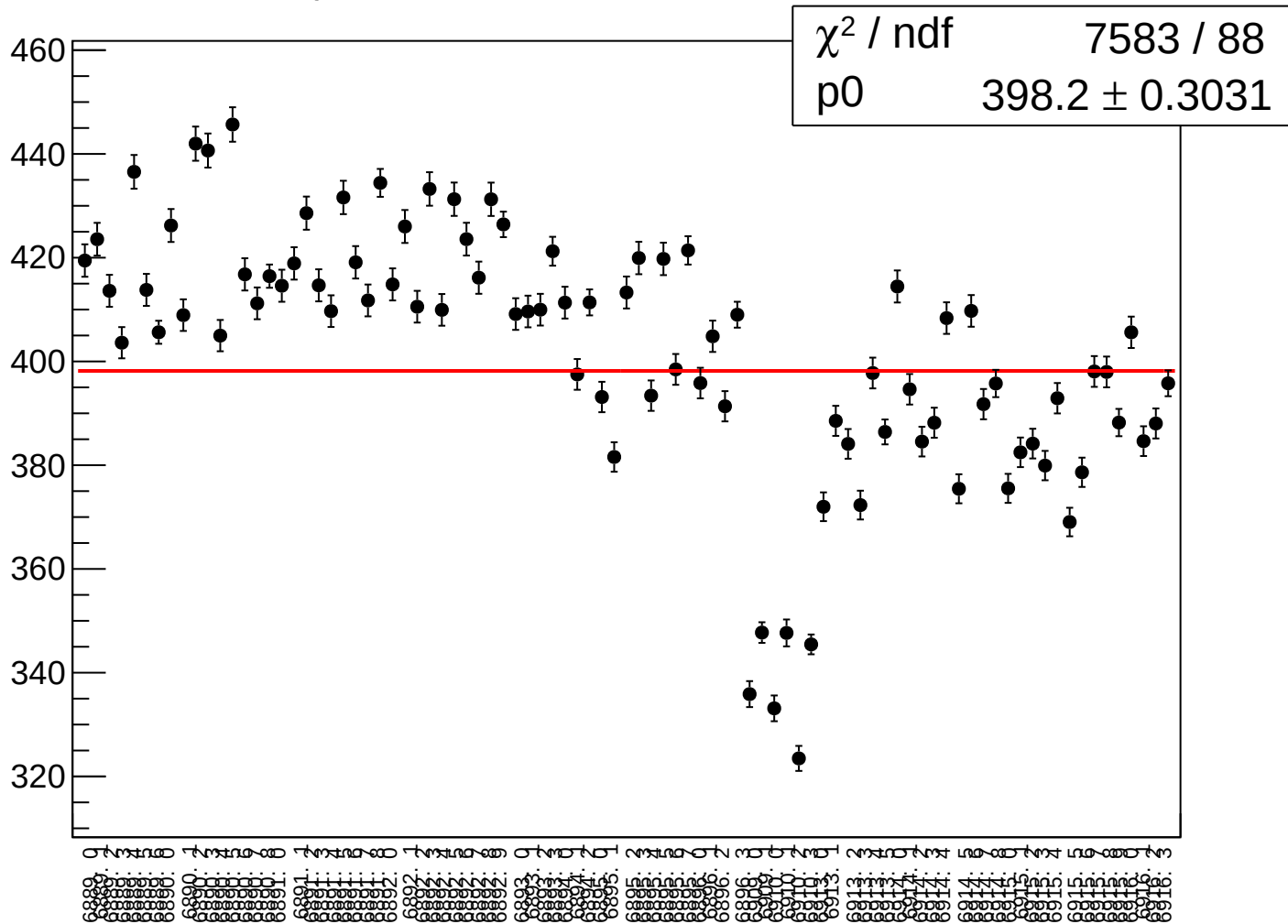
asym_sam_37_48_dd_eigen_dit_correction_rms vs run



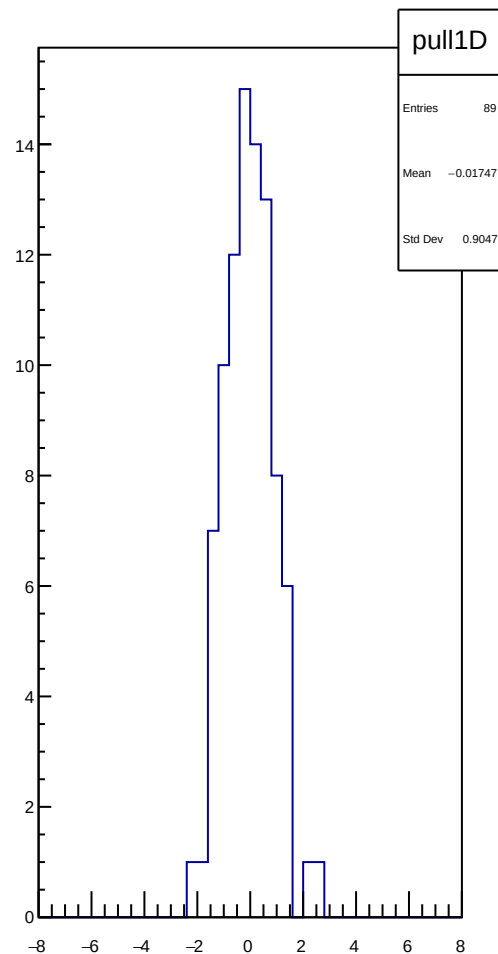
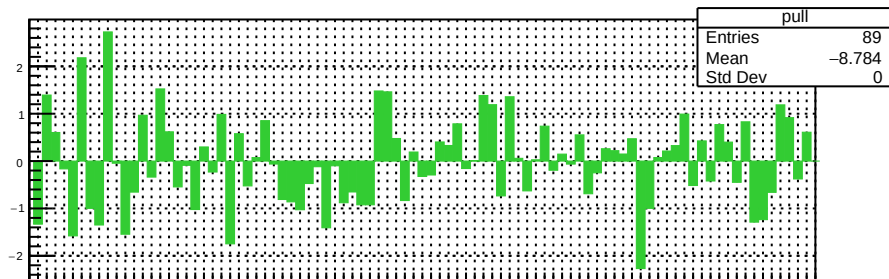
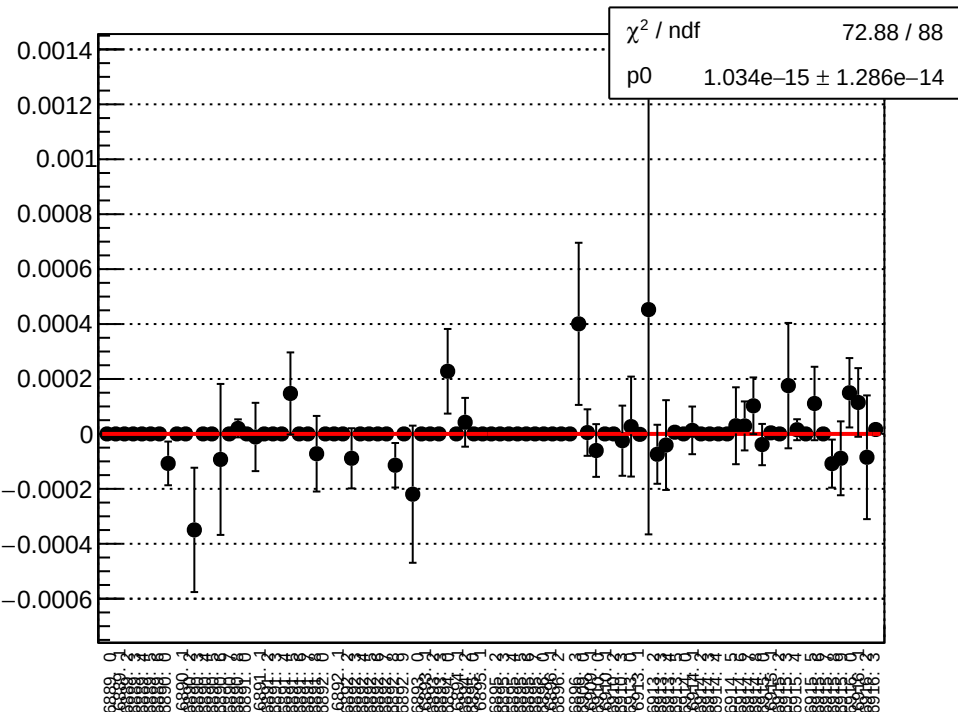
asym_sam_37_48_dd_mean vs run



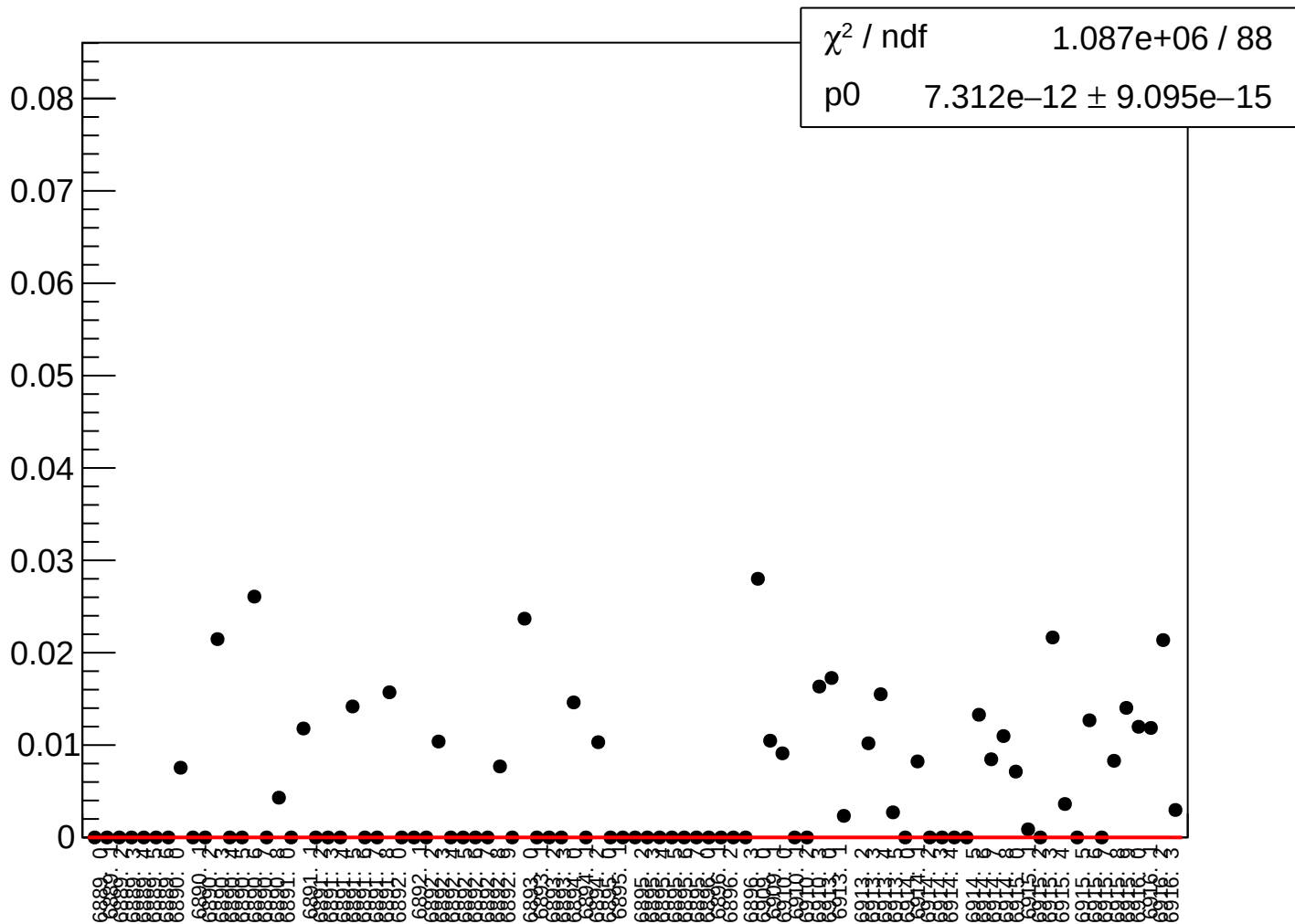
asym_sam_37_48_dd_rms vs run



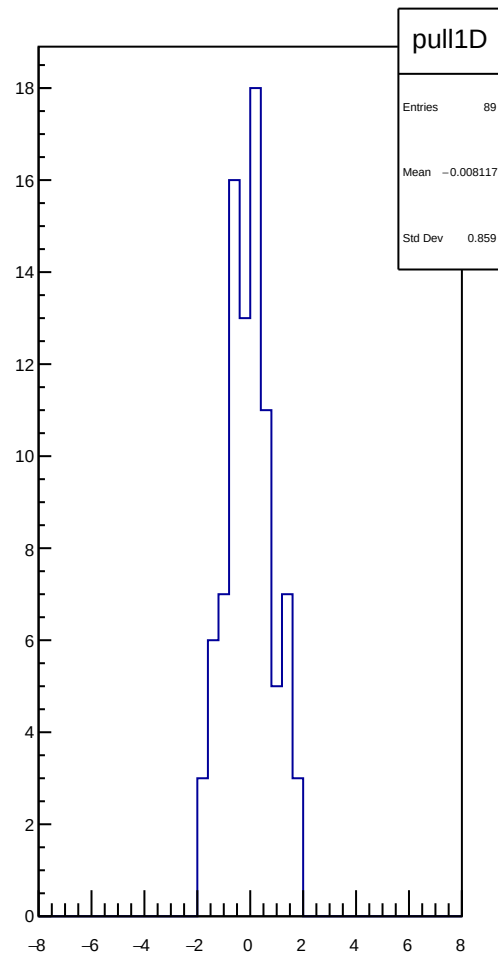
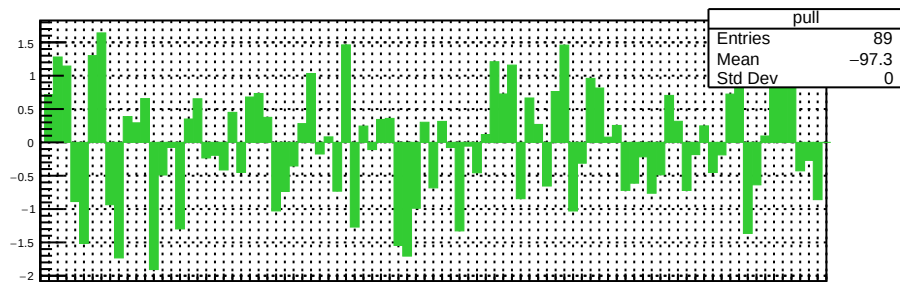
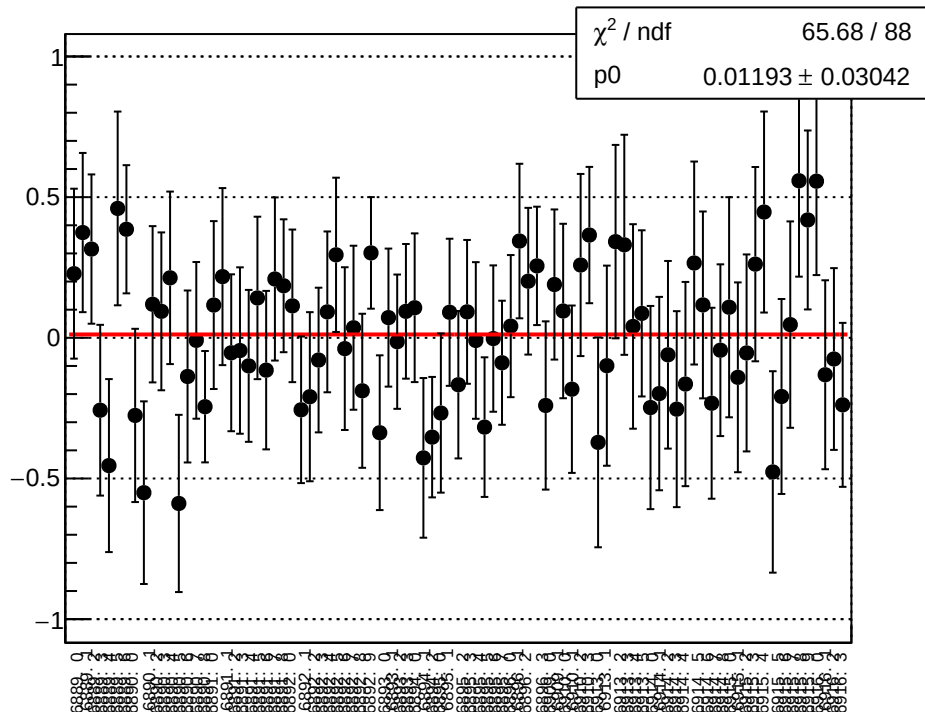
asym_sam_37_48_dd_reg_vs_cor_diff_mean vs run



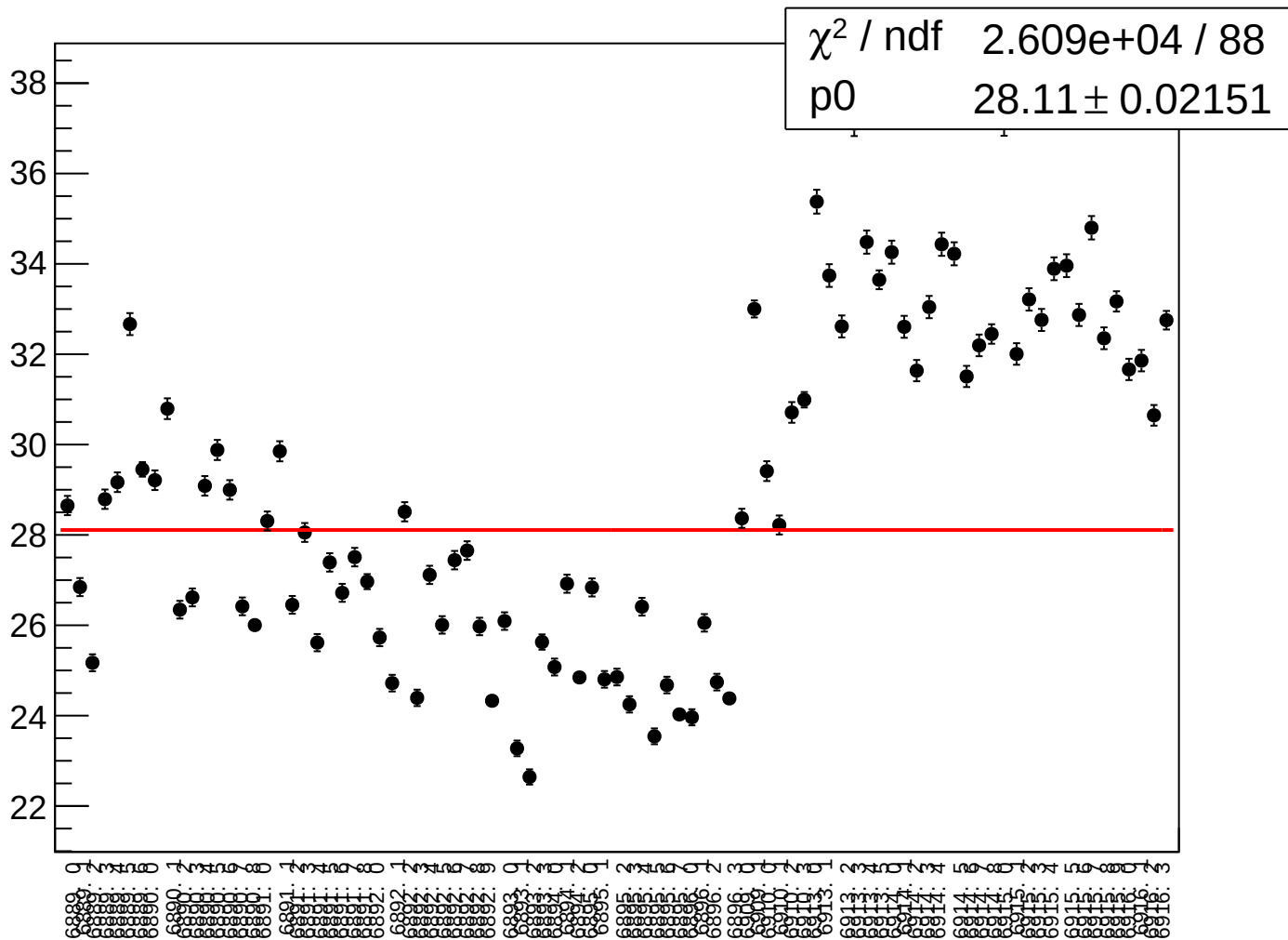
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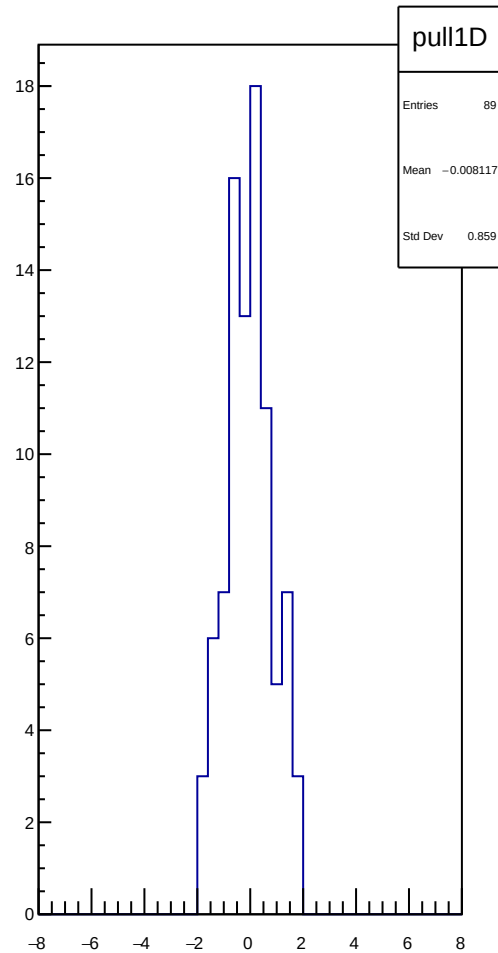
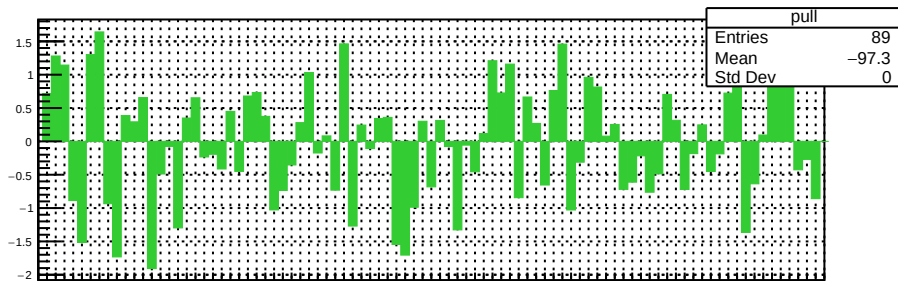
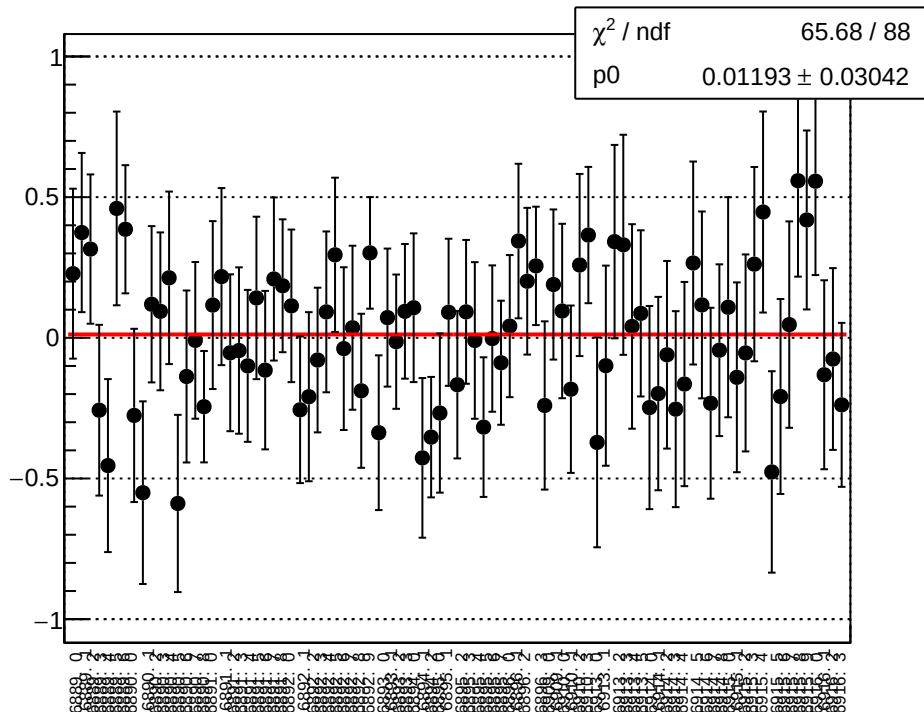
asym_sam_37_48_dd_dit_vs_cor_diff_mean vs run



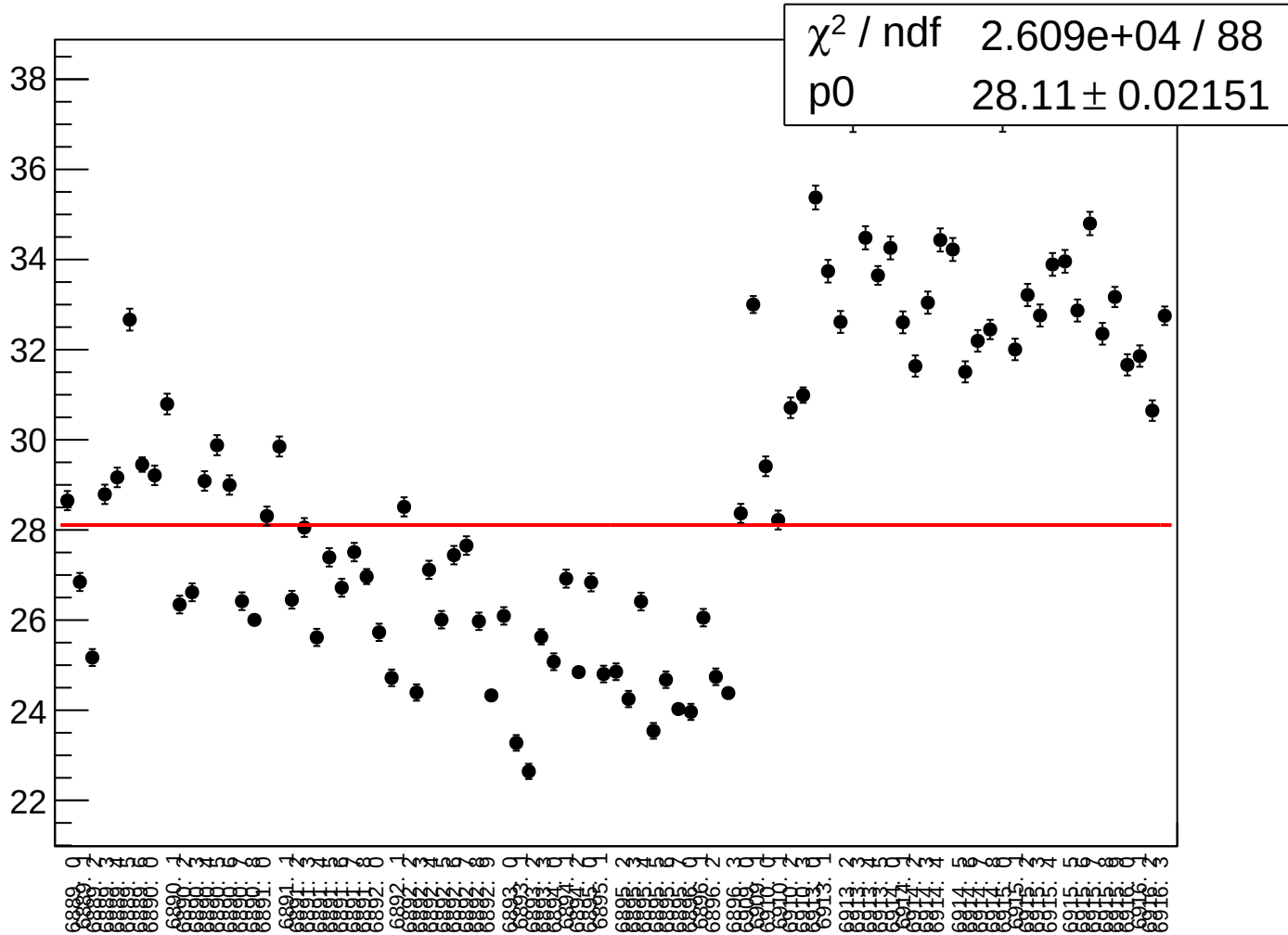
asym_sam_37_48_dd_dit_vs_cor_diff_rms vs run



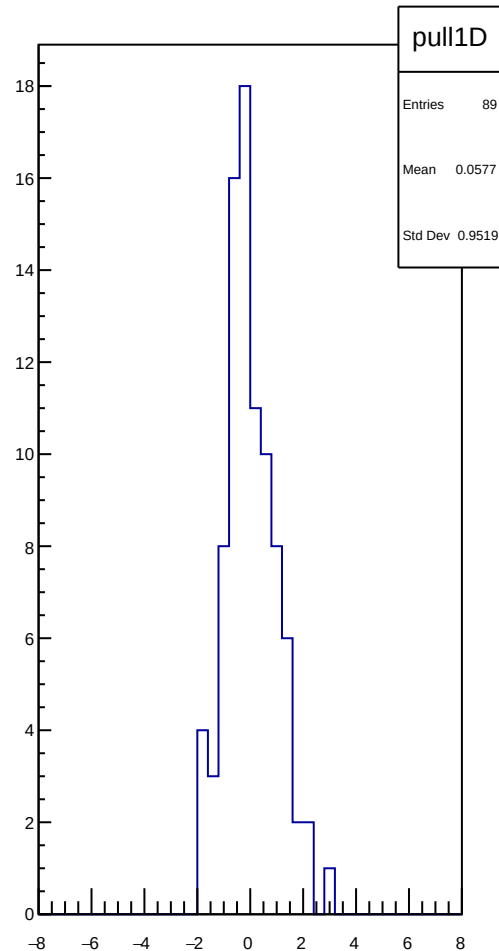
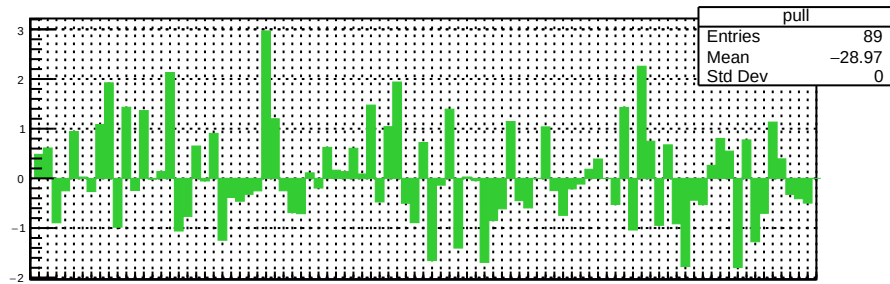
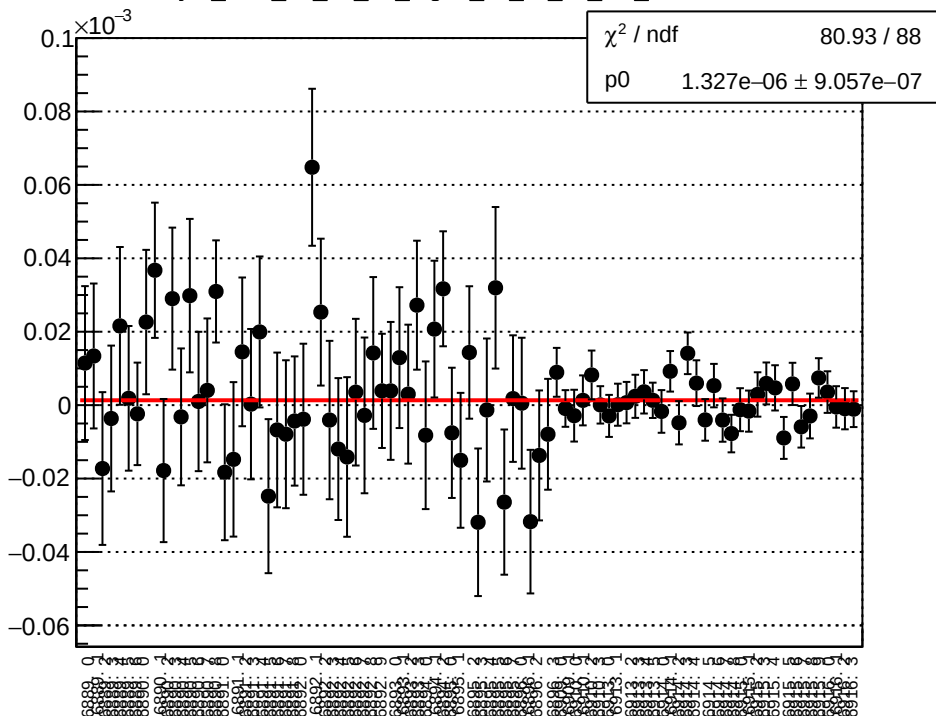
asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs run



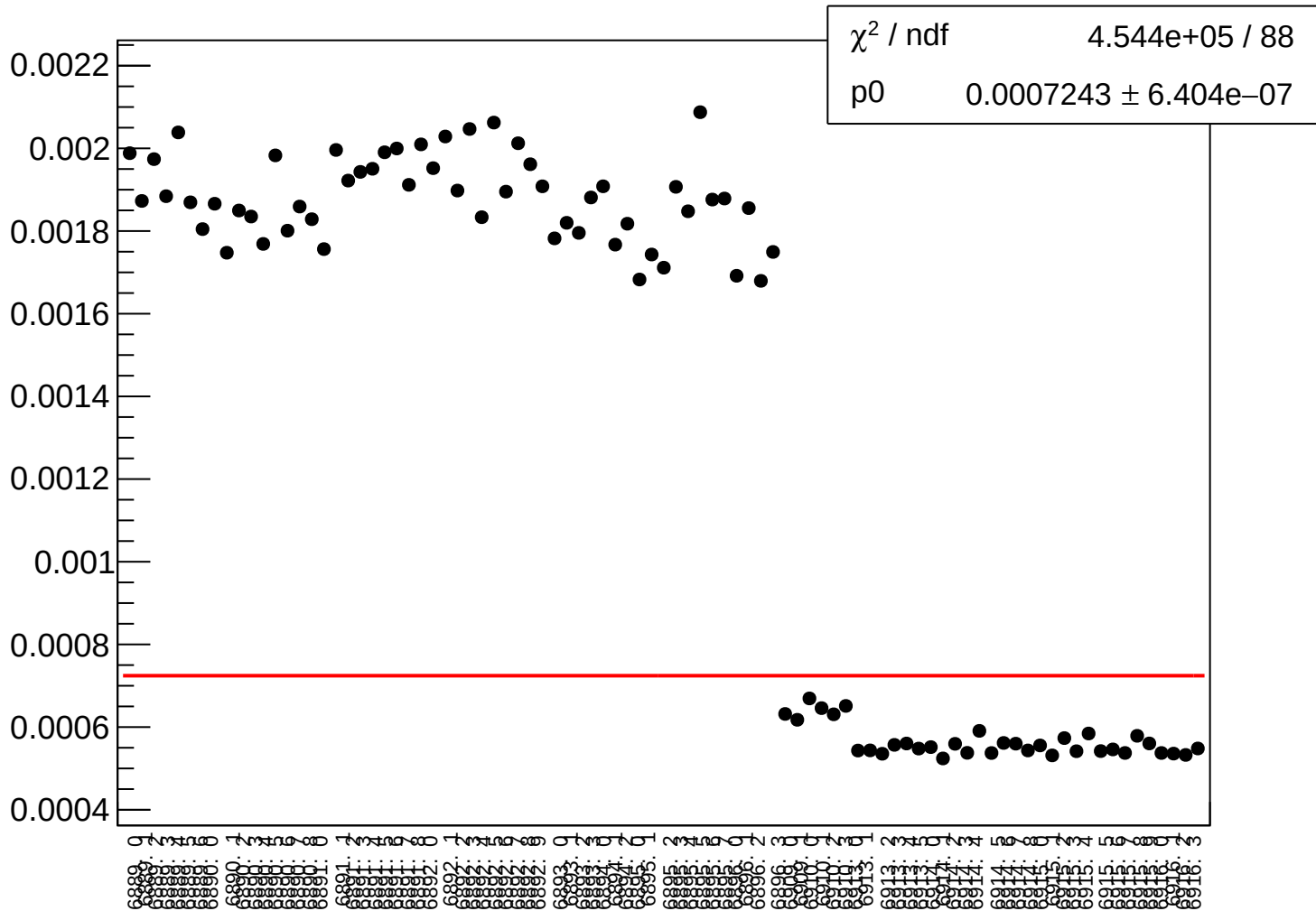
asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs run



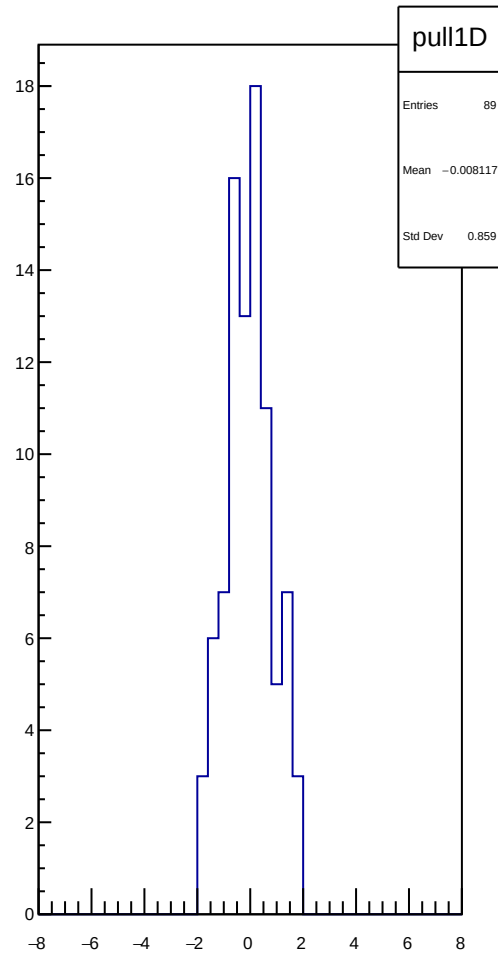
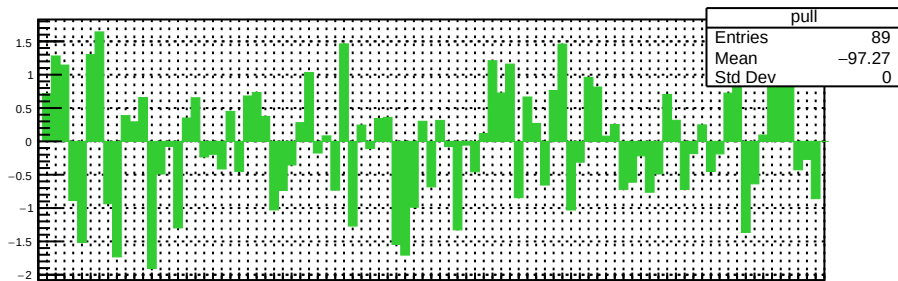
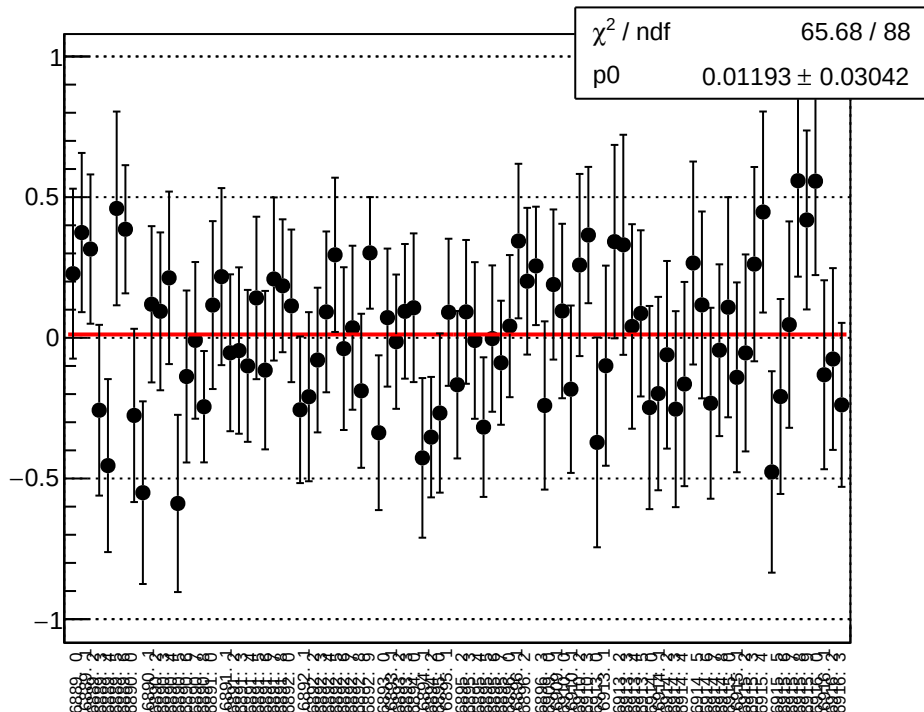
asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs run



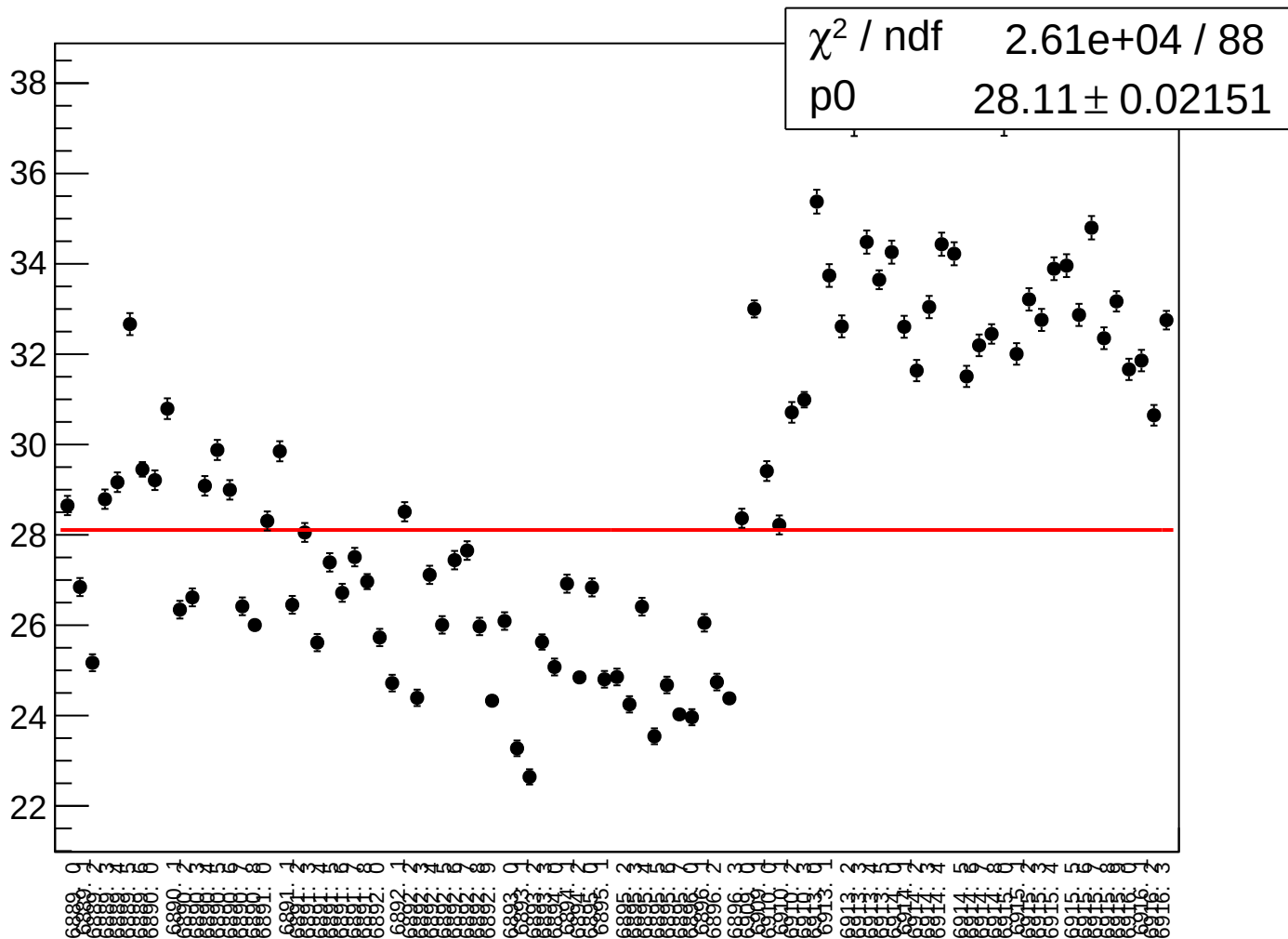
asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs run



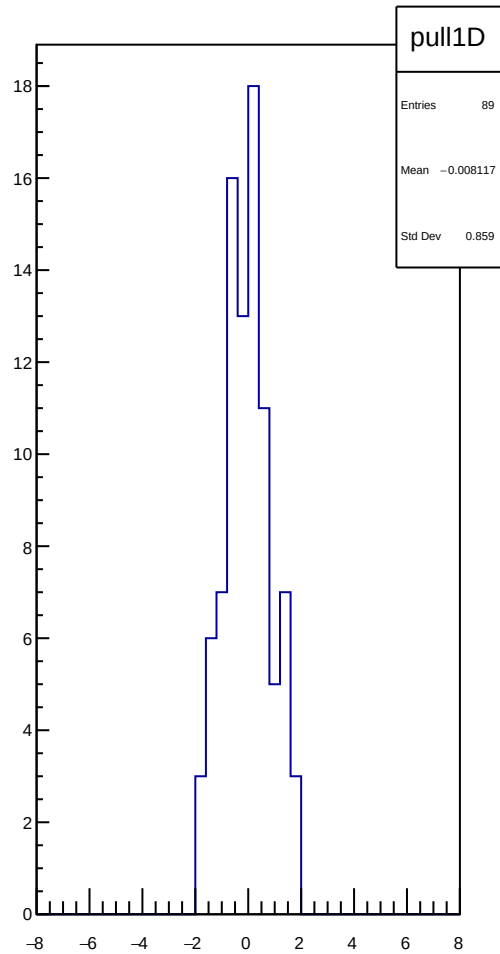
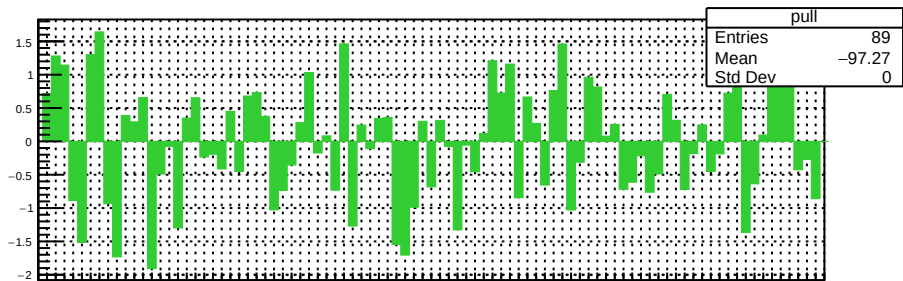
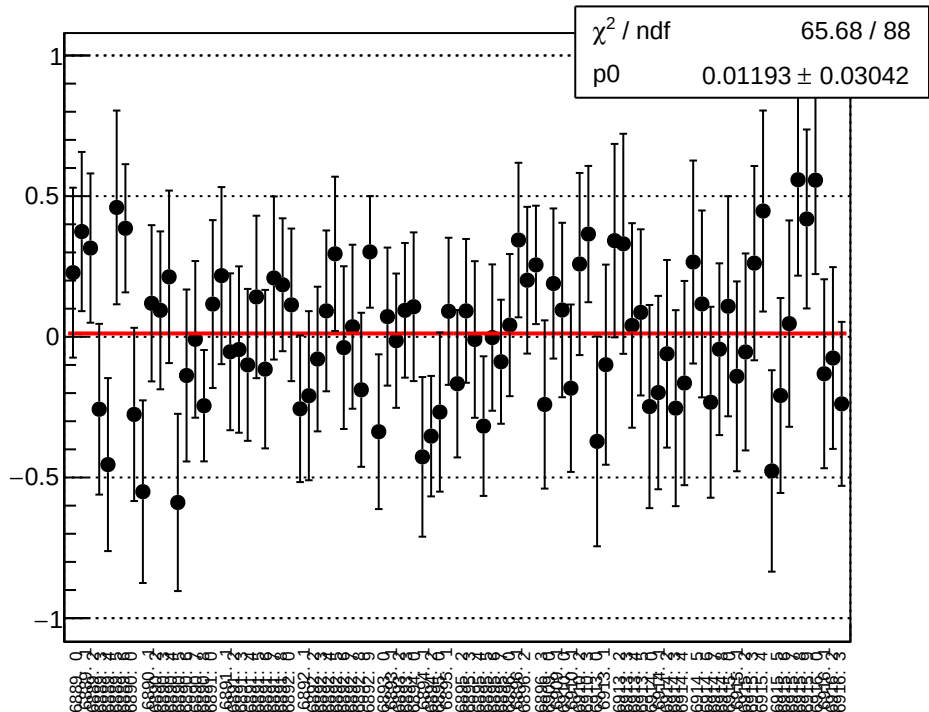
asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs run



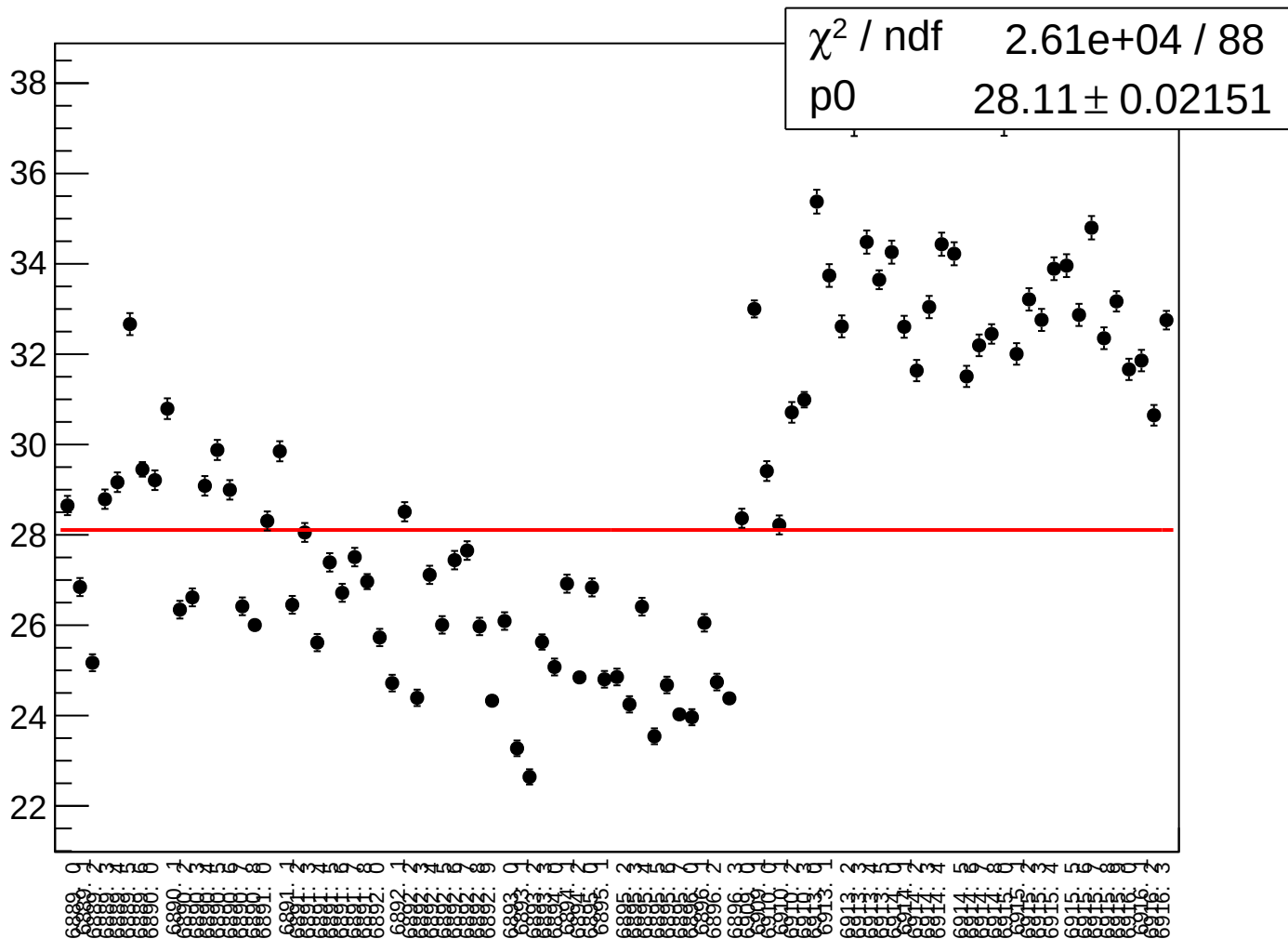
asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs run



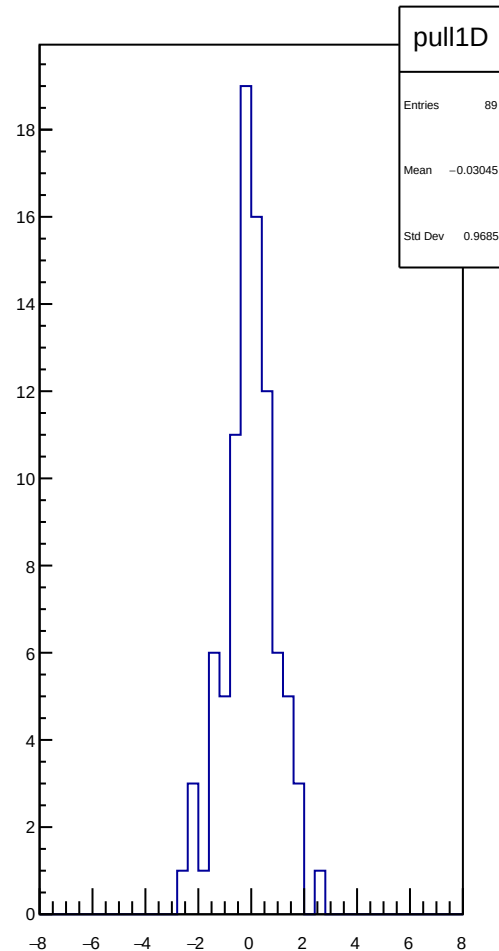
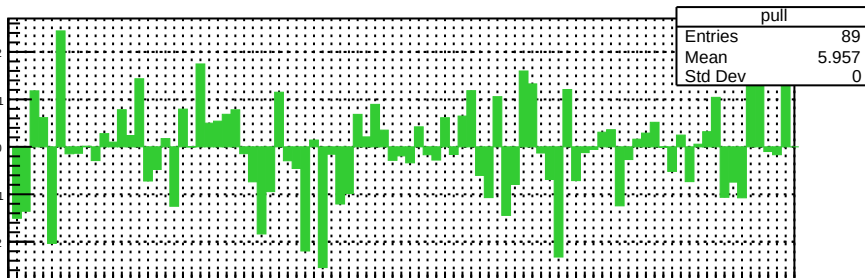
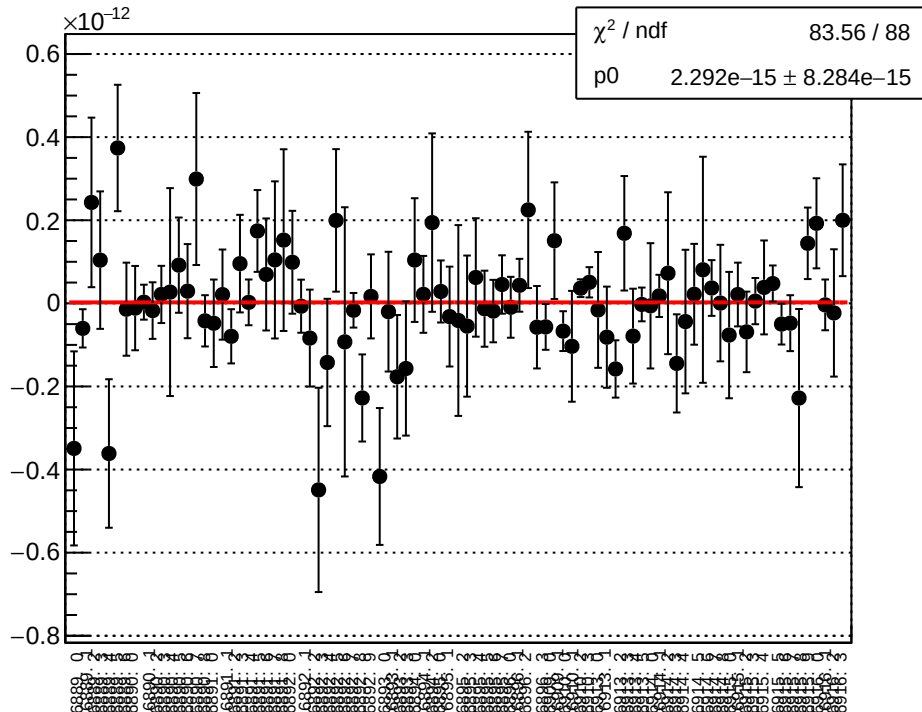
asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs run



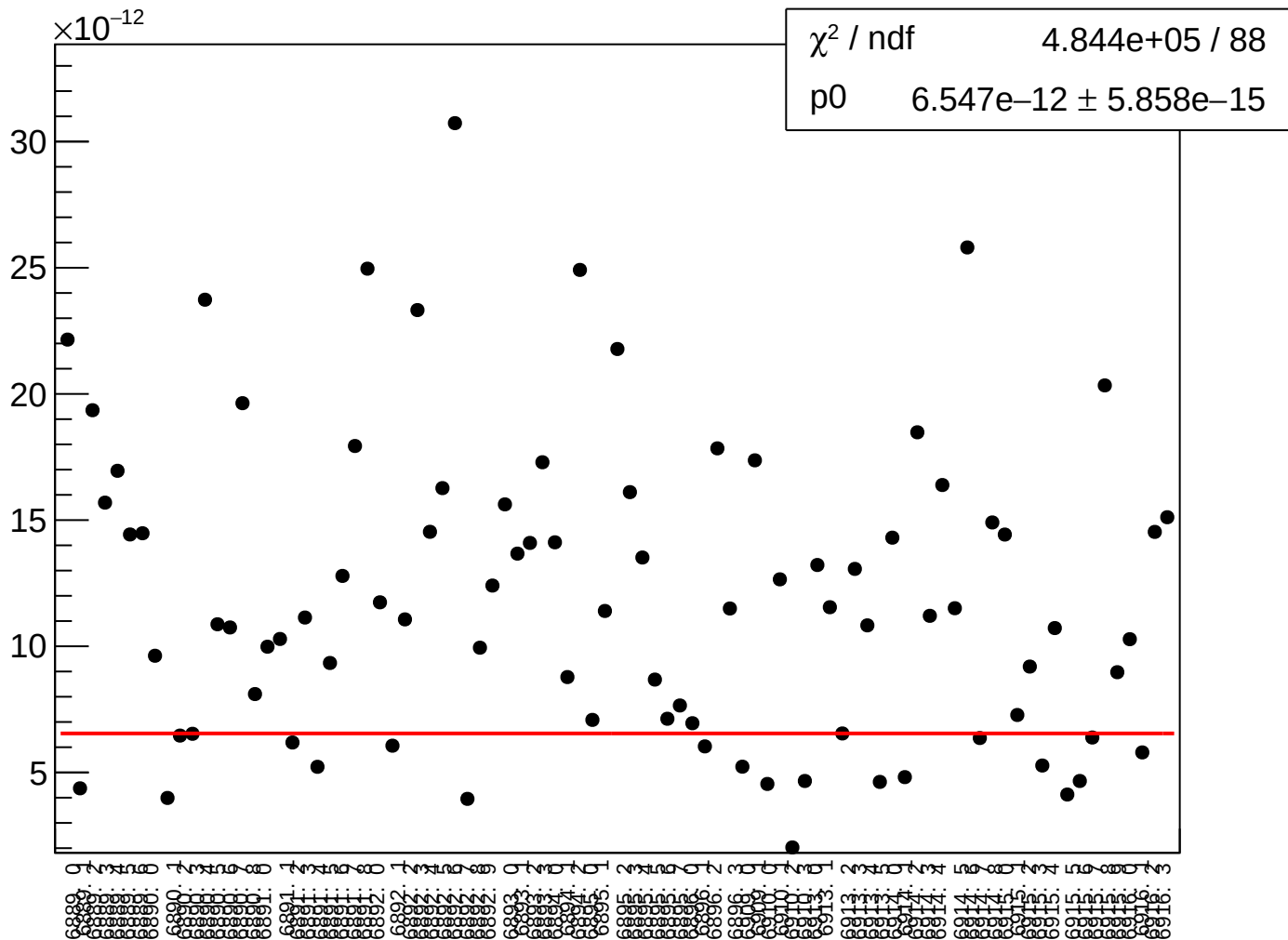
asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



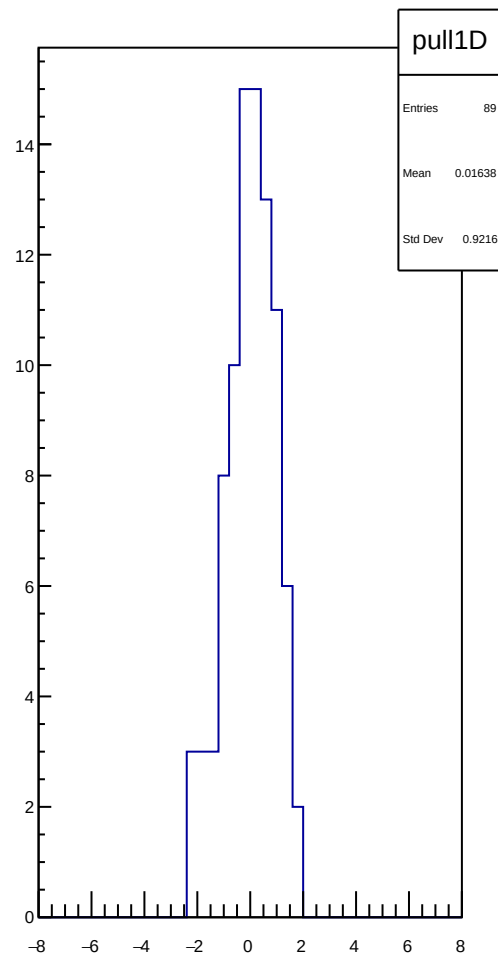
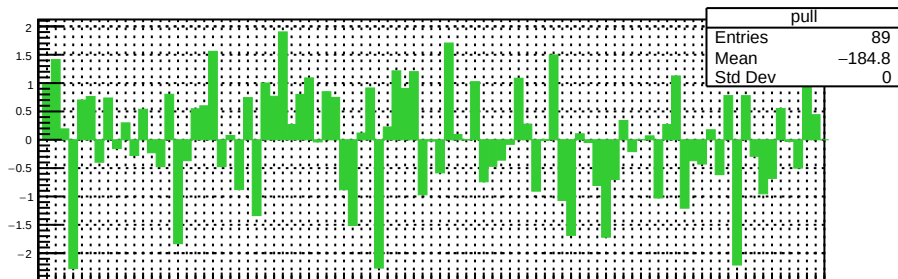
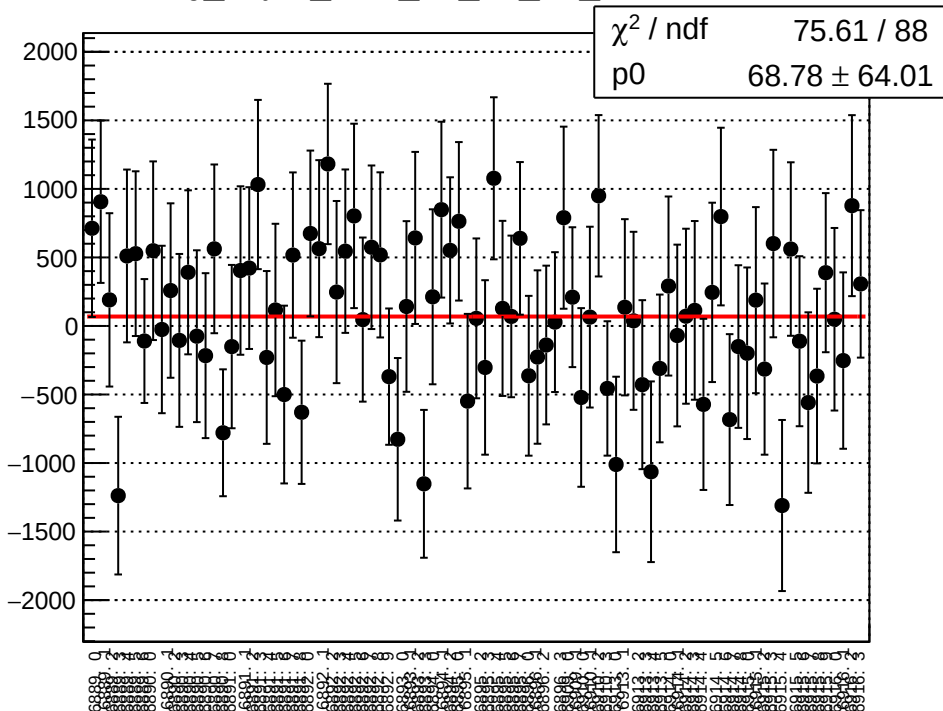
asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs run



asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_15_26_dd_mean vs run



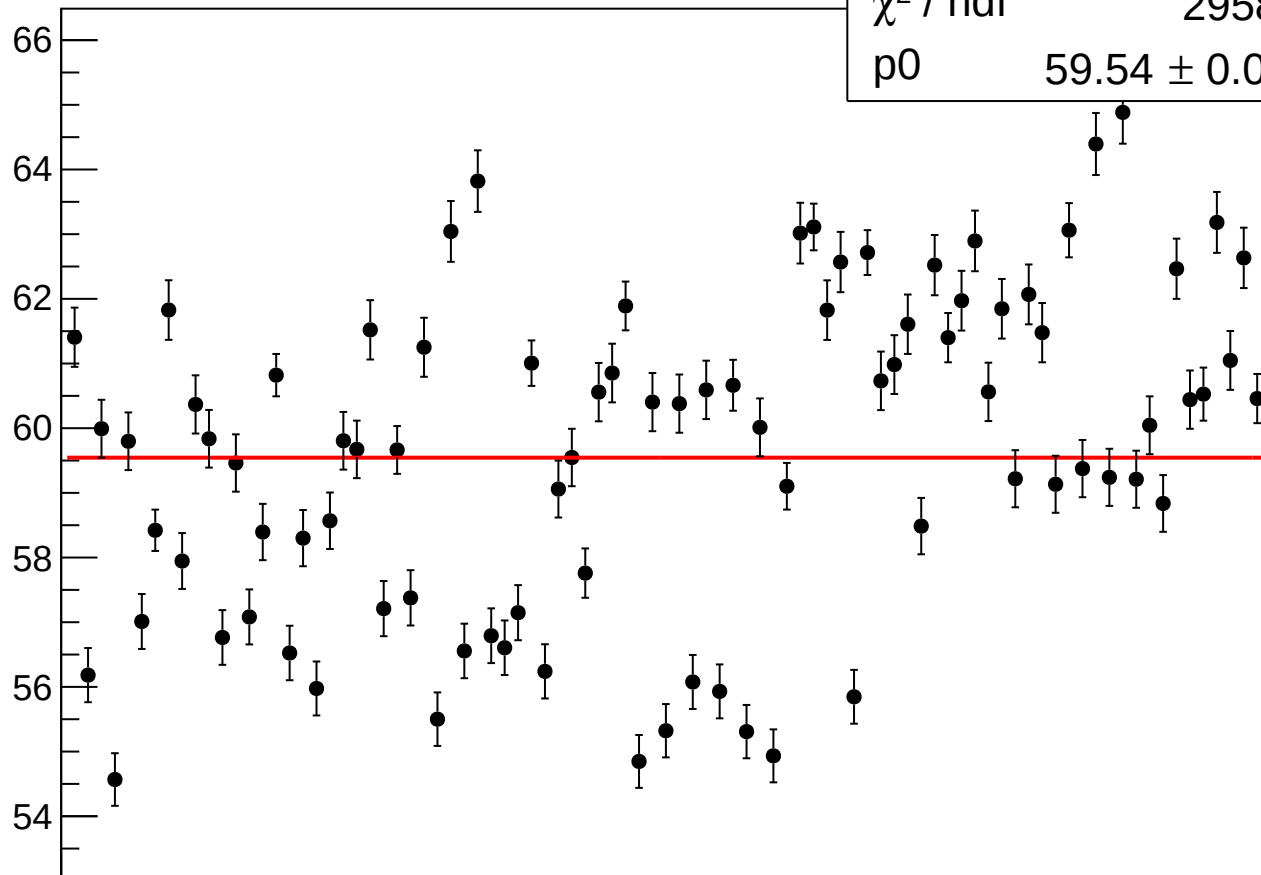
reg_asym_sam_15_26_dd_rms vs run

χ^2 / ndf

2958 / 88

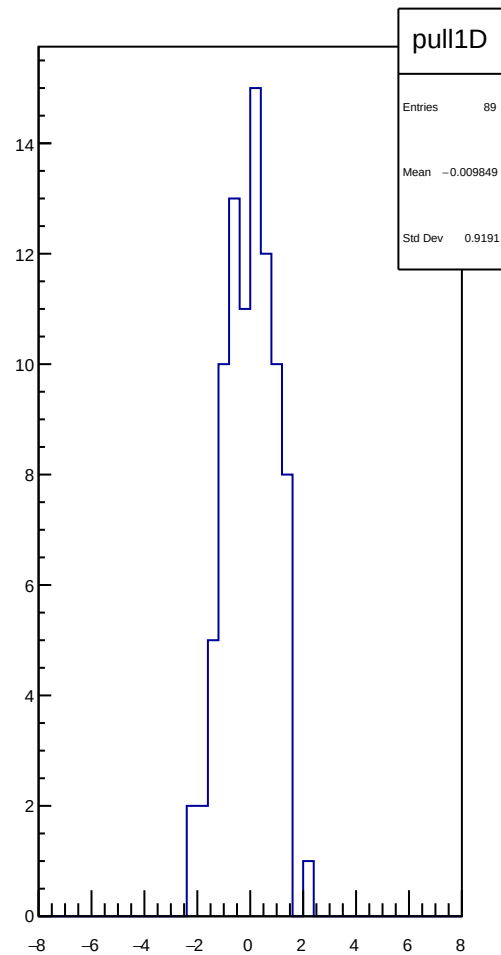
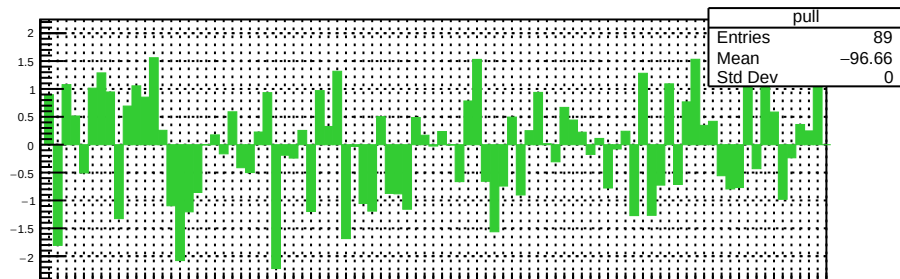
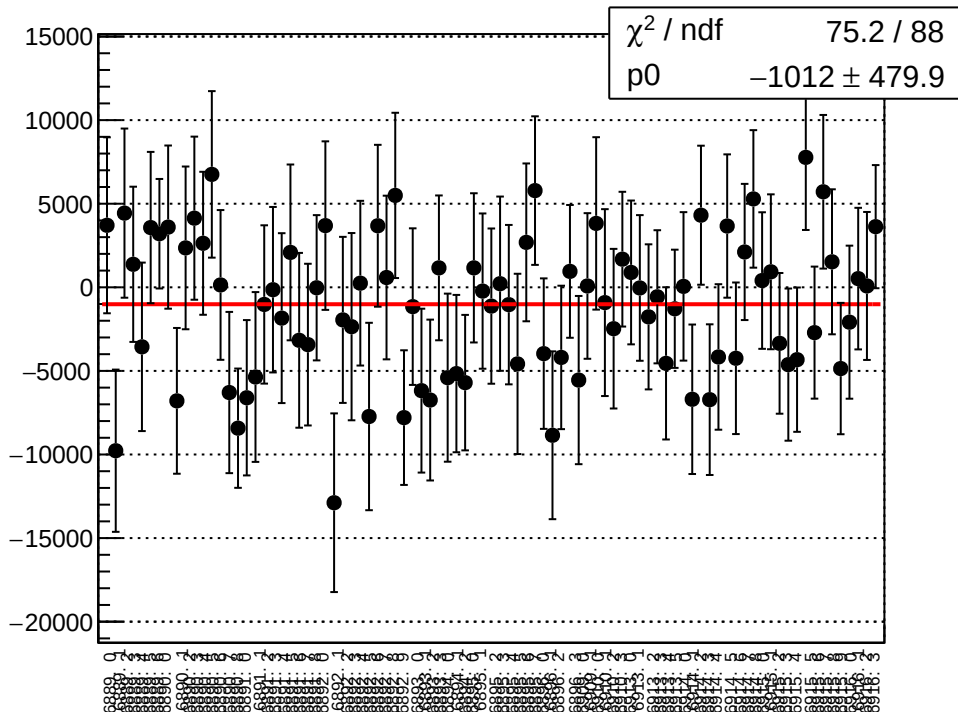
p0

59.54 ± 0.04526

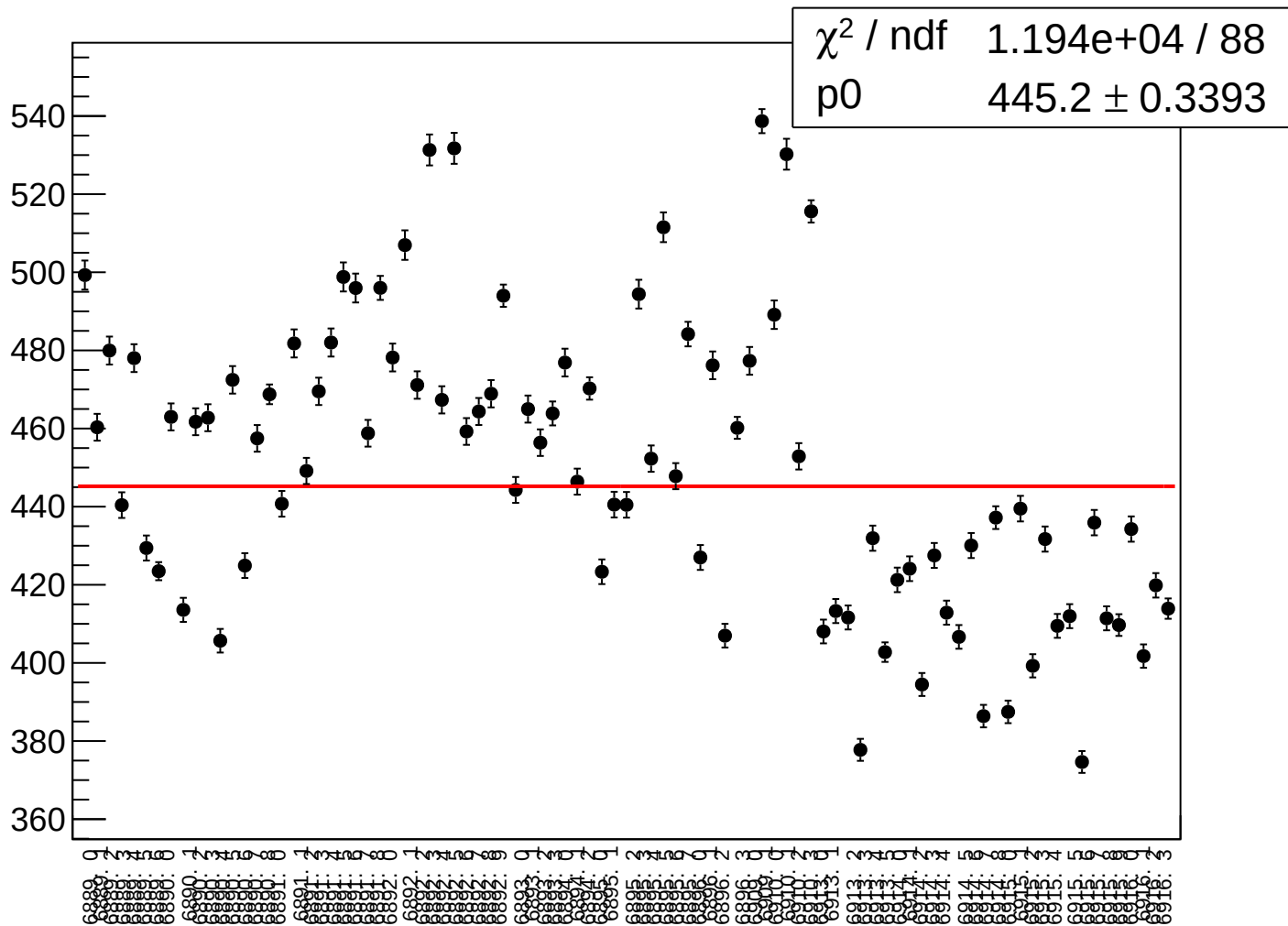


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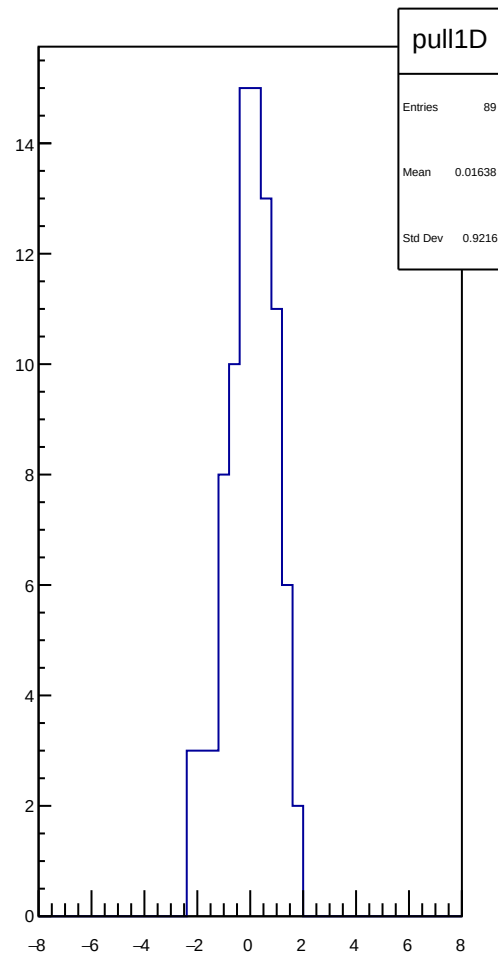
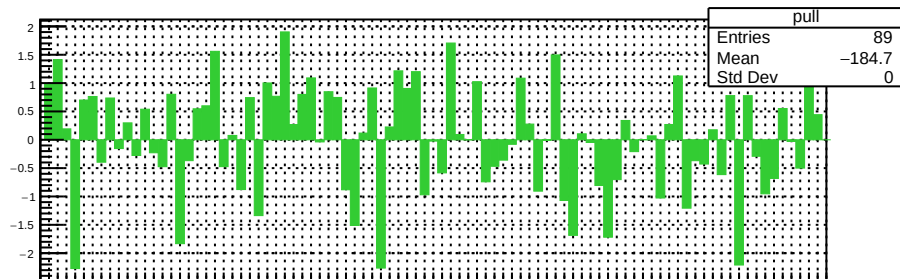
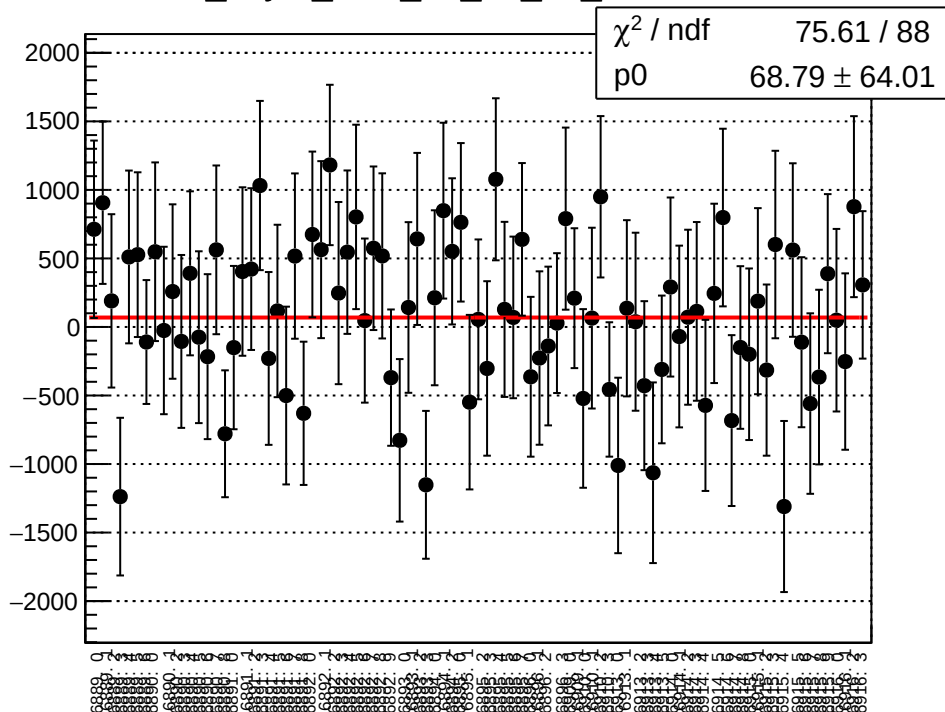
asym_sam_15_26_dd_reg_correction_mean vs run



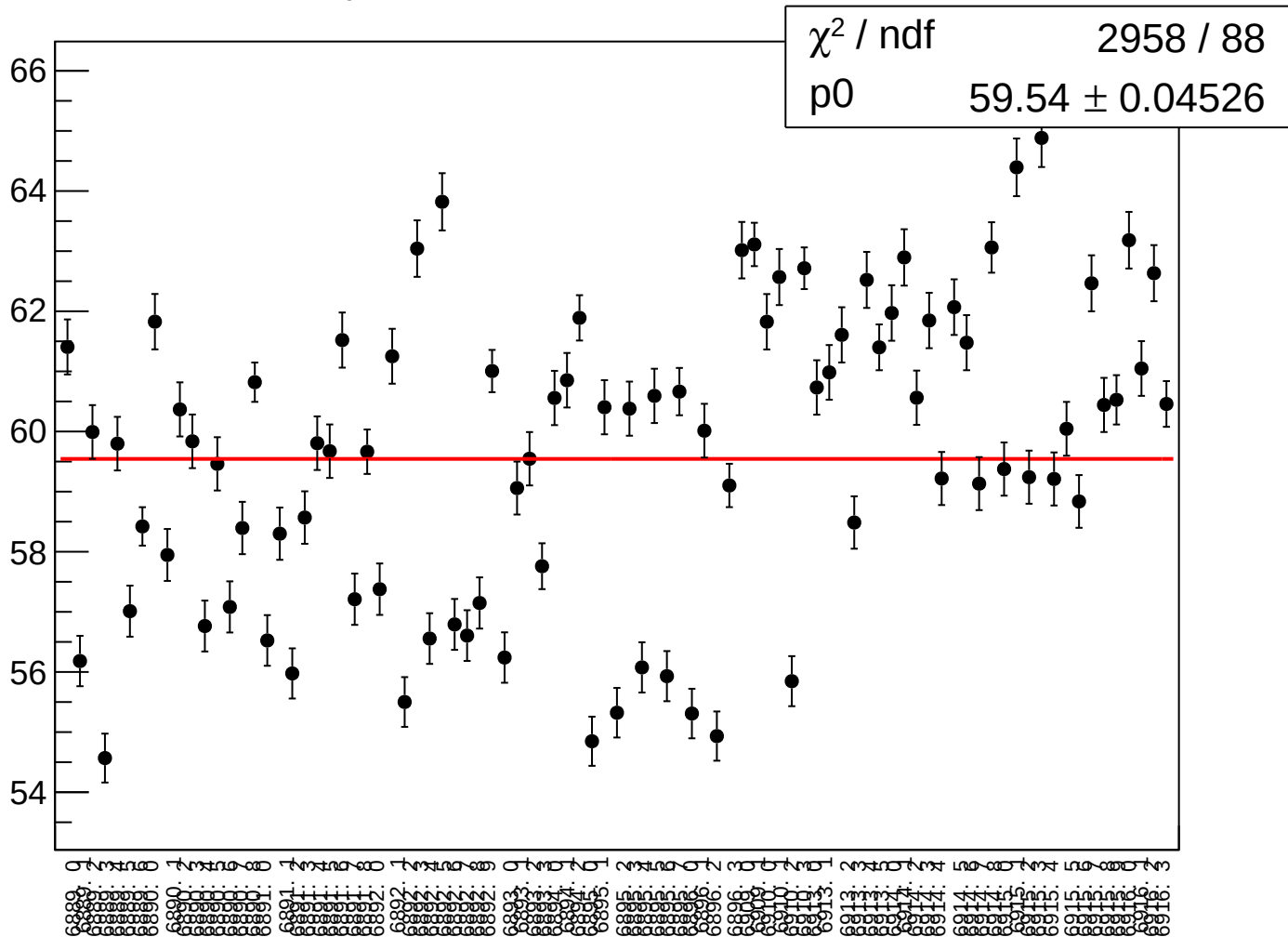
asym_sam_15_26_dd_reg_correction_rms vs run



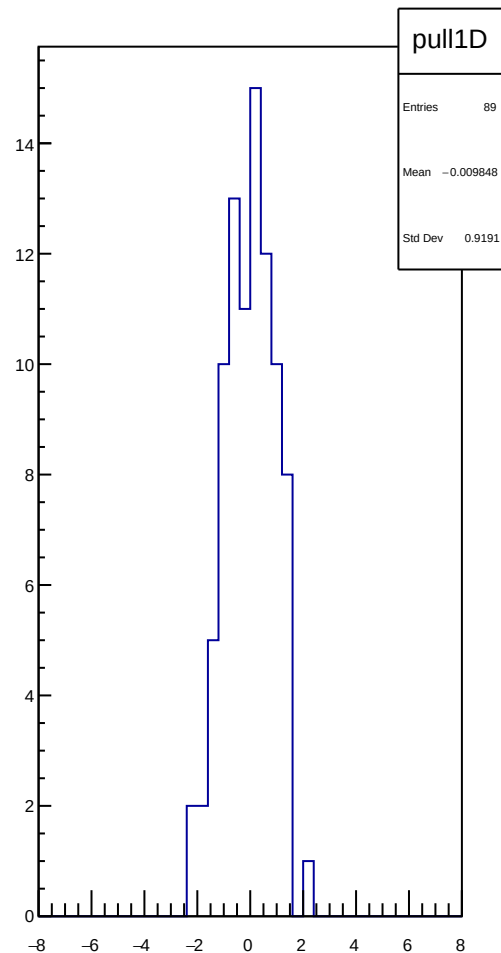
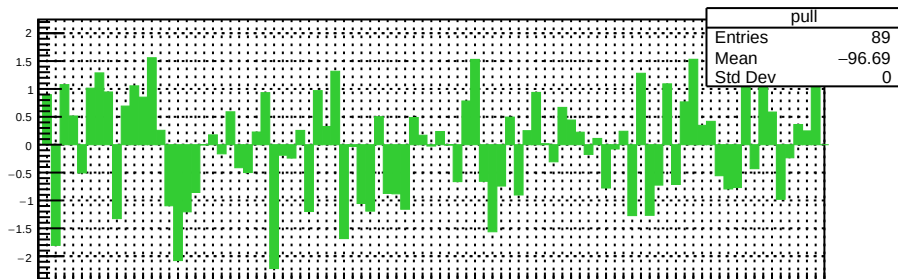
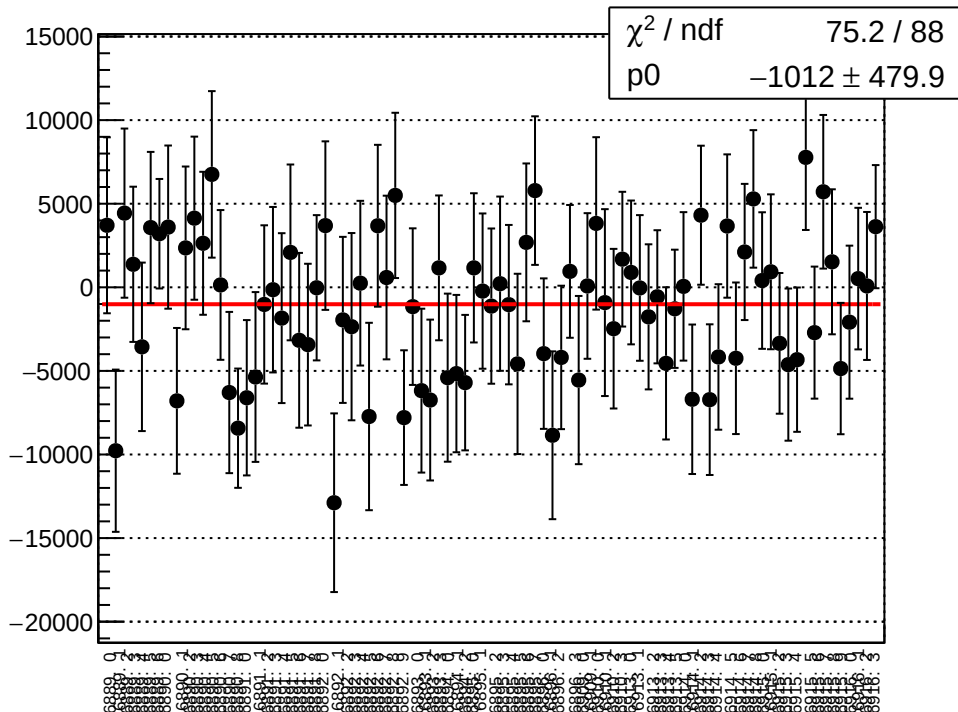
cor_asym_sam_15_26_dd_mean vs run



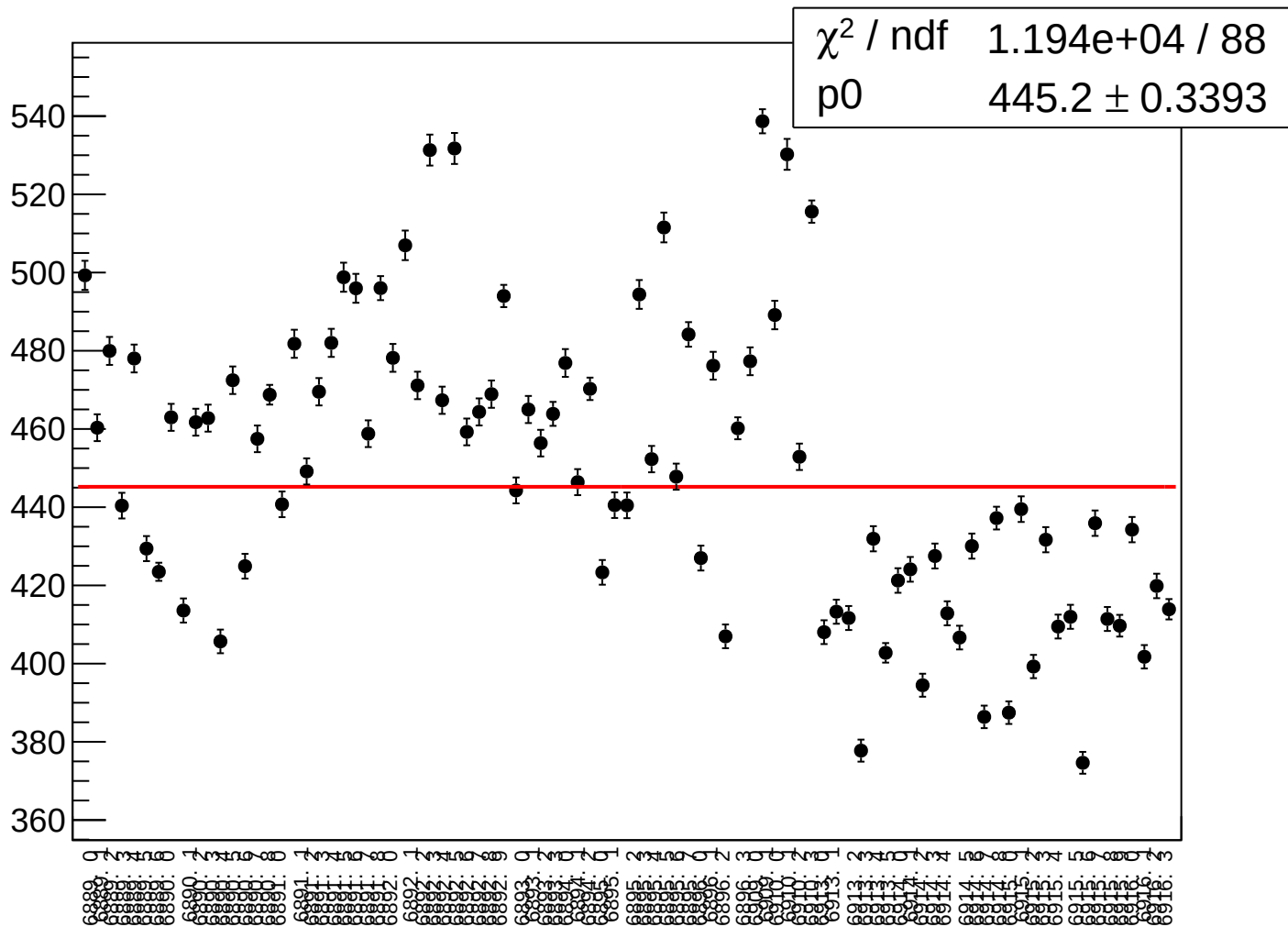
cor_asym_sam_15_26_dd_rms vs run



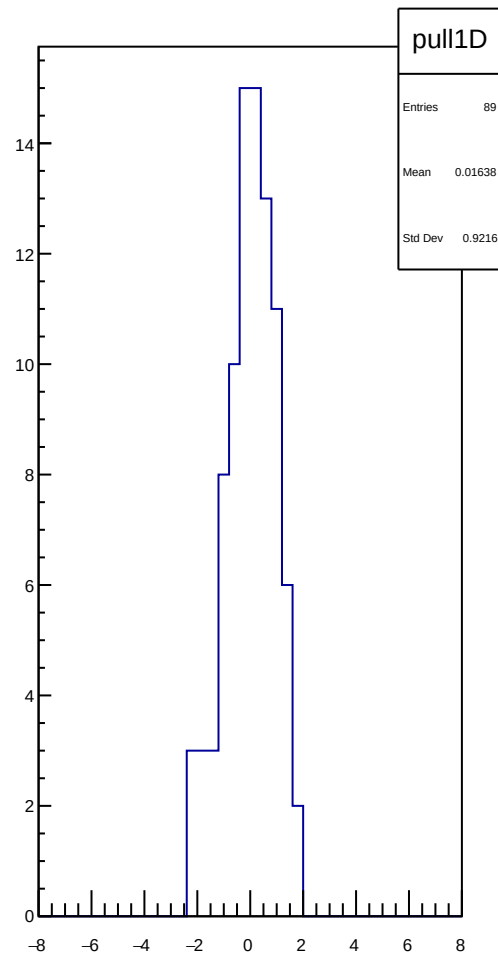
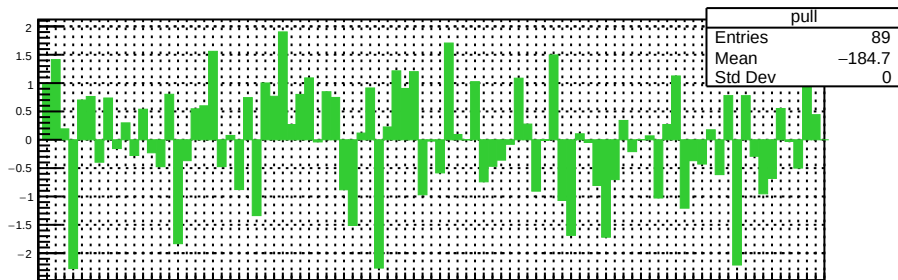
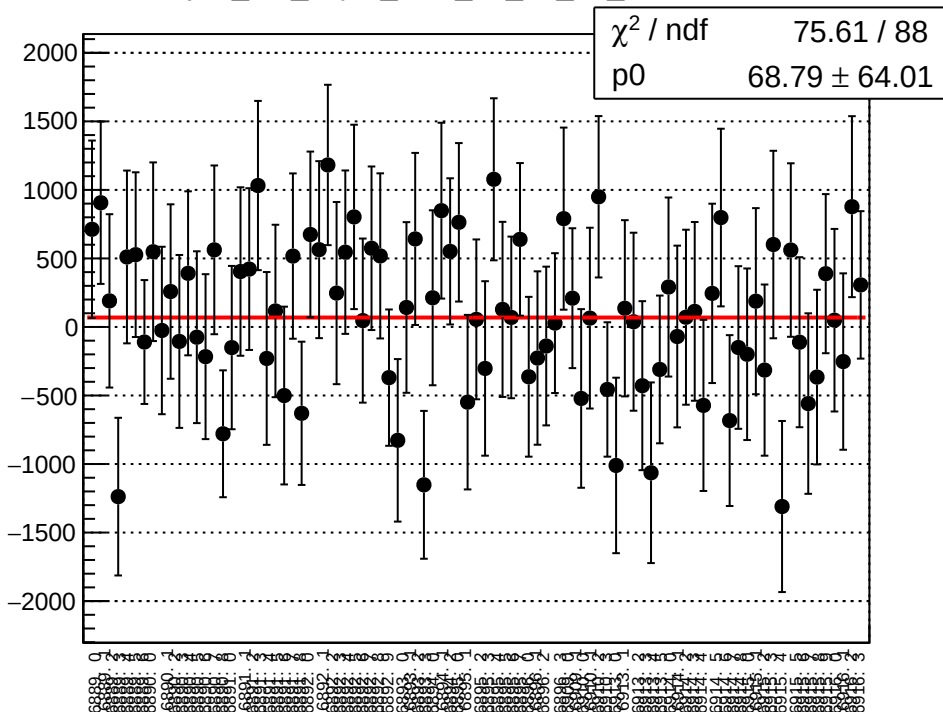
asym_sam_15_26_dd_cor_correction_mean vs run



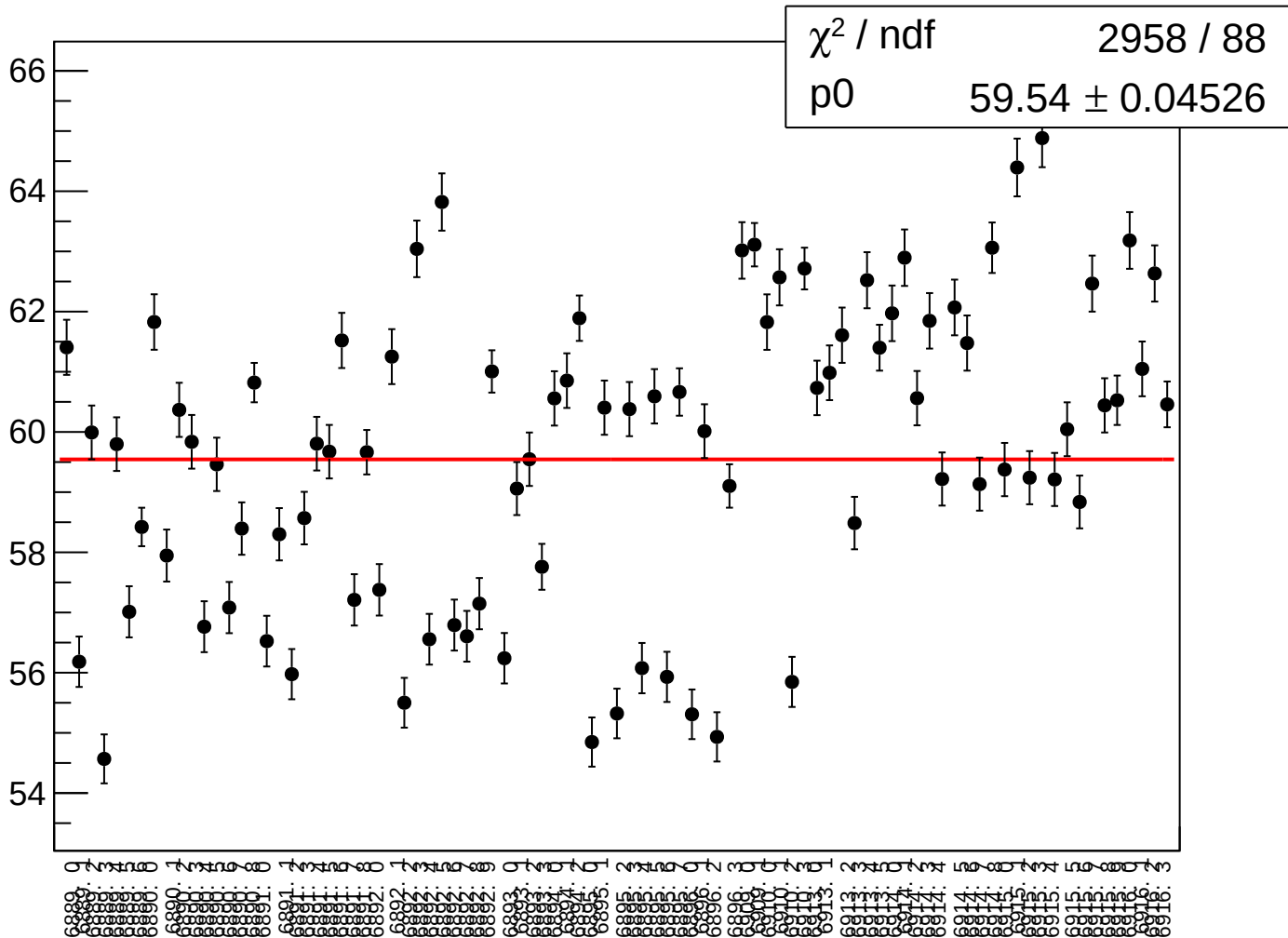
asym_sam_15_26_dd_cor_correction_rms vs run



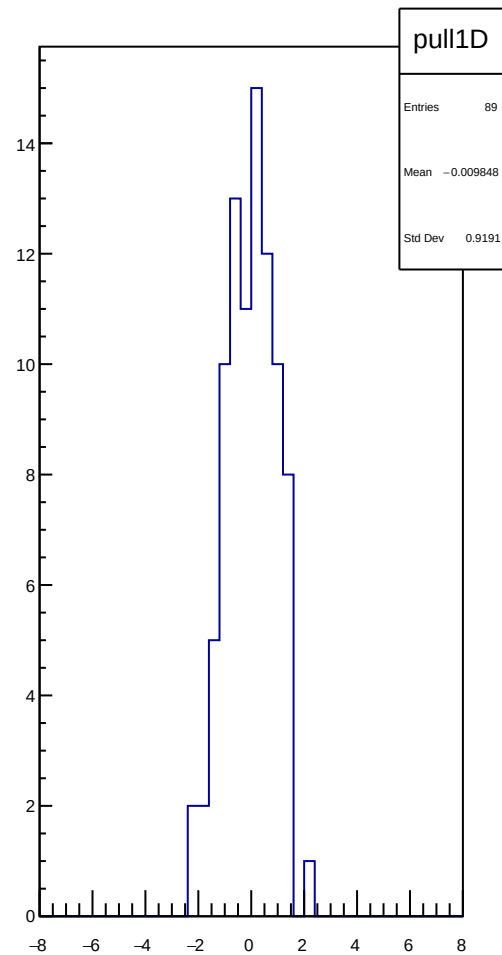
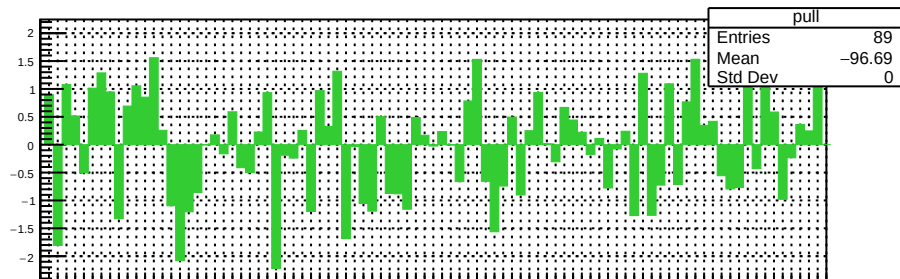
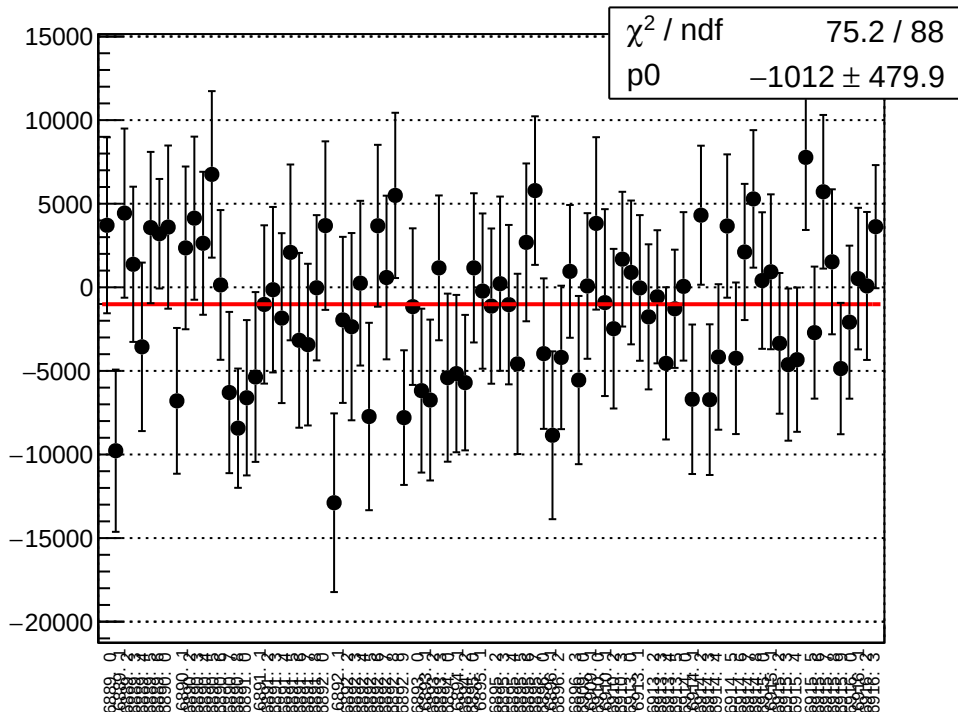
eigen_cor_asym_sam_15_26_dd_mean vs run



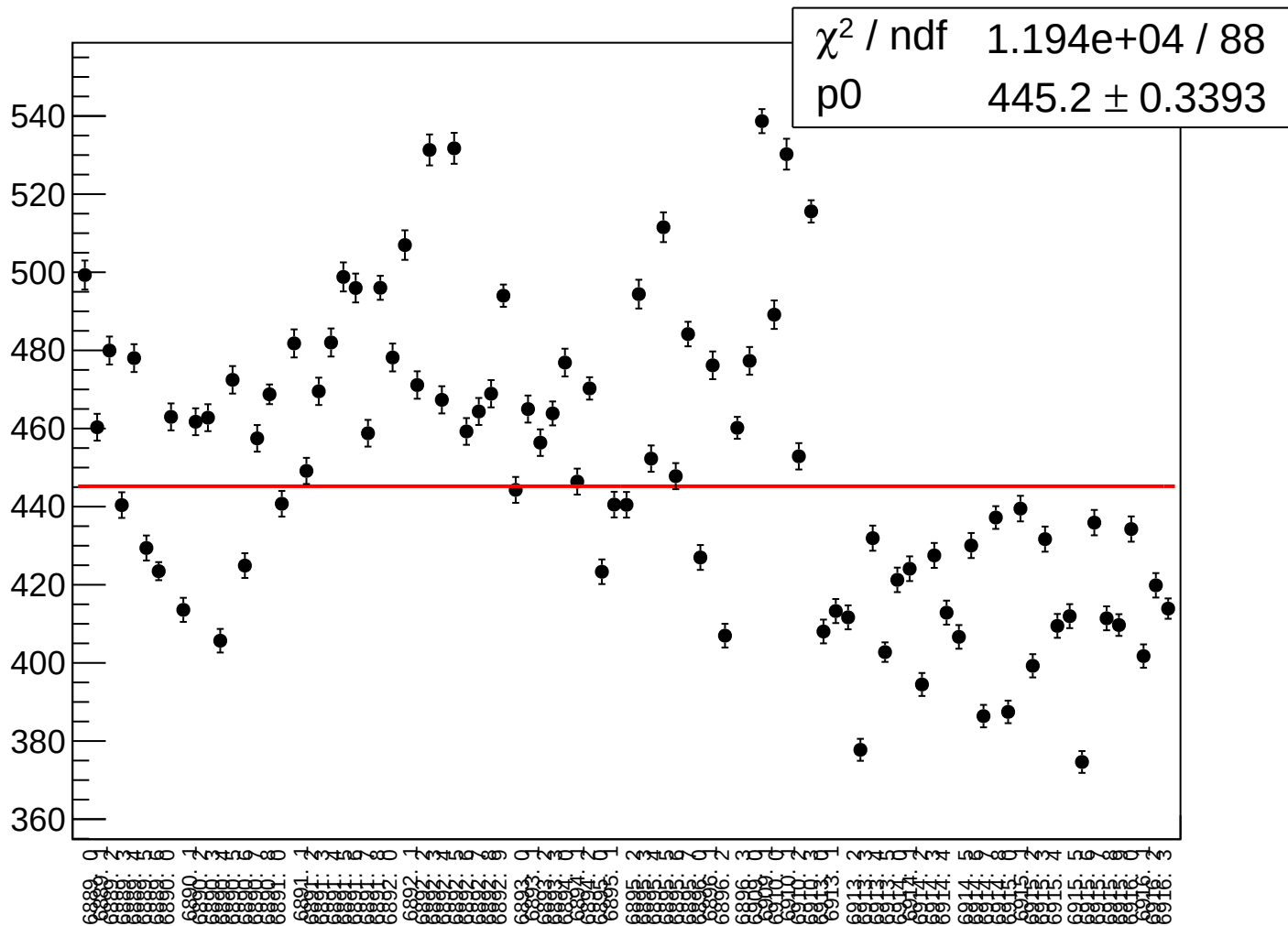
eigen_cor_asym_sam_15_26_dd_rms vs run



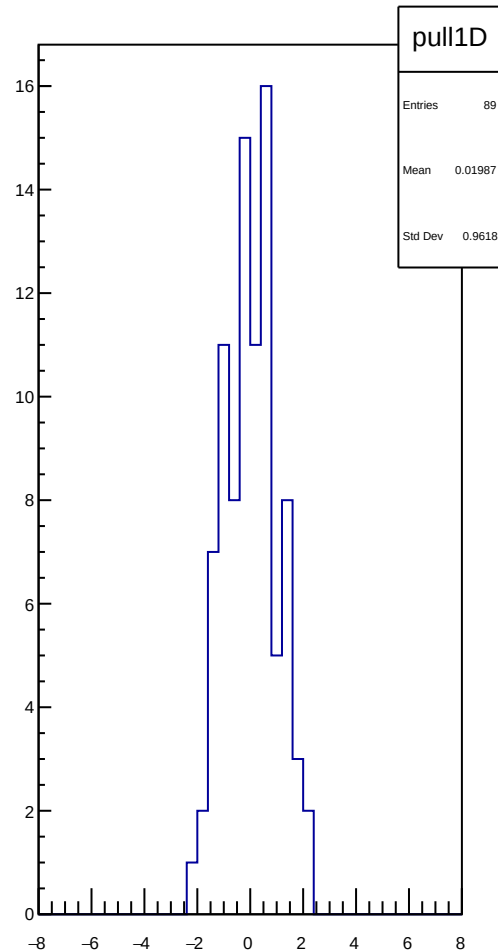
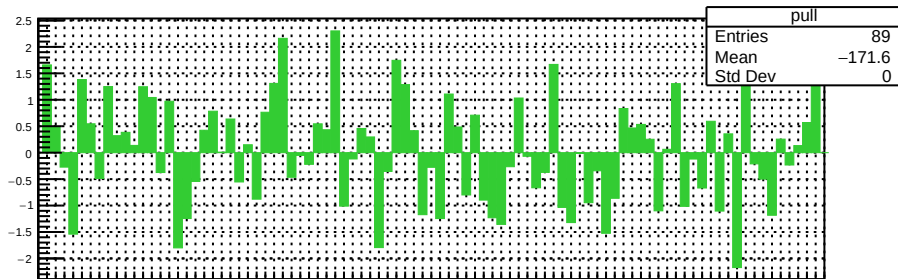
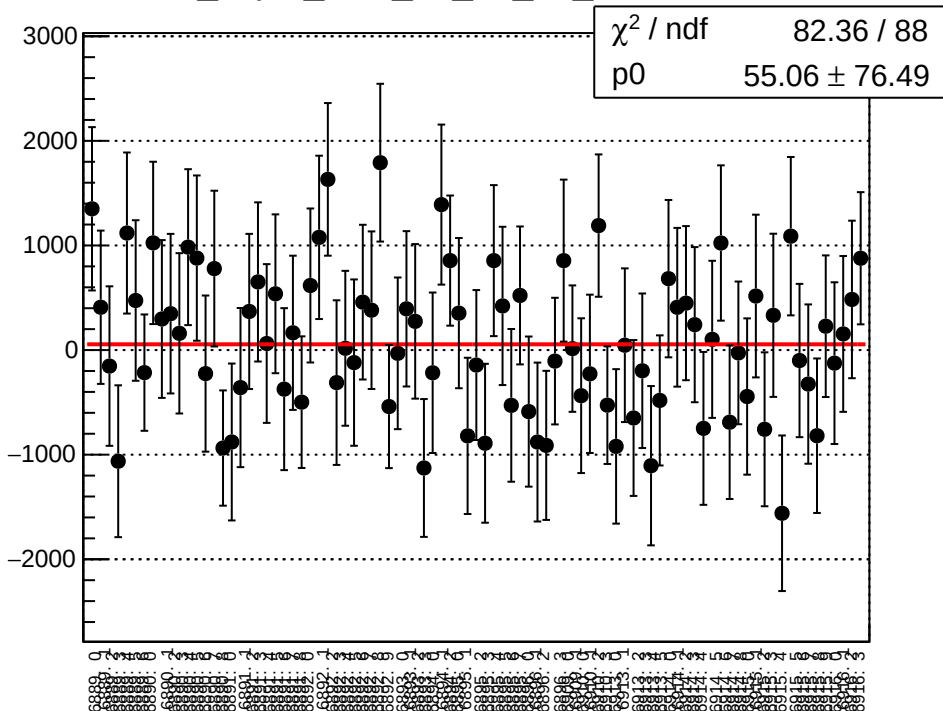
asym_sam_15_26_dd_eigen_cor_correction_mean vs run



asym_sam_15_26_dd_eigen_cor_correction_rms vs run



dit_asym_sam_15_26_dd_mean vs run



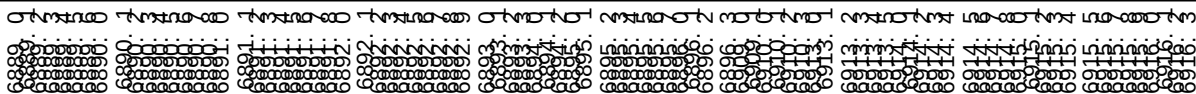
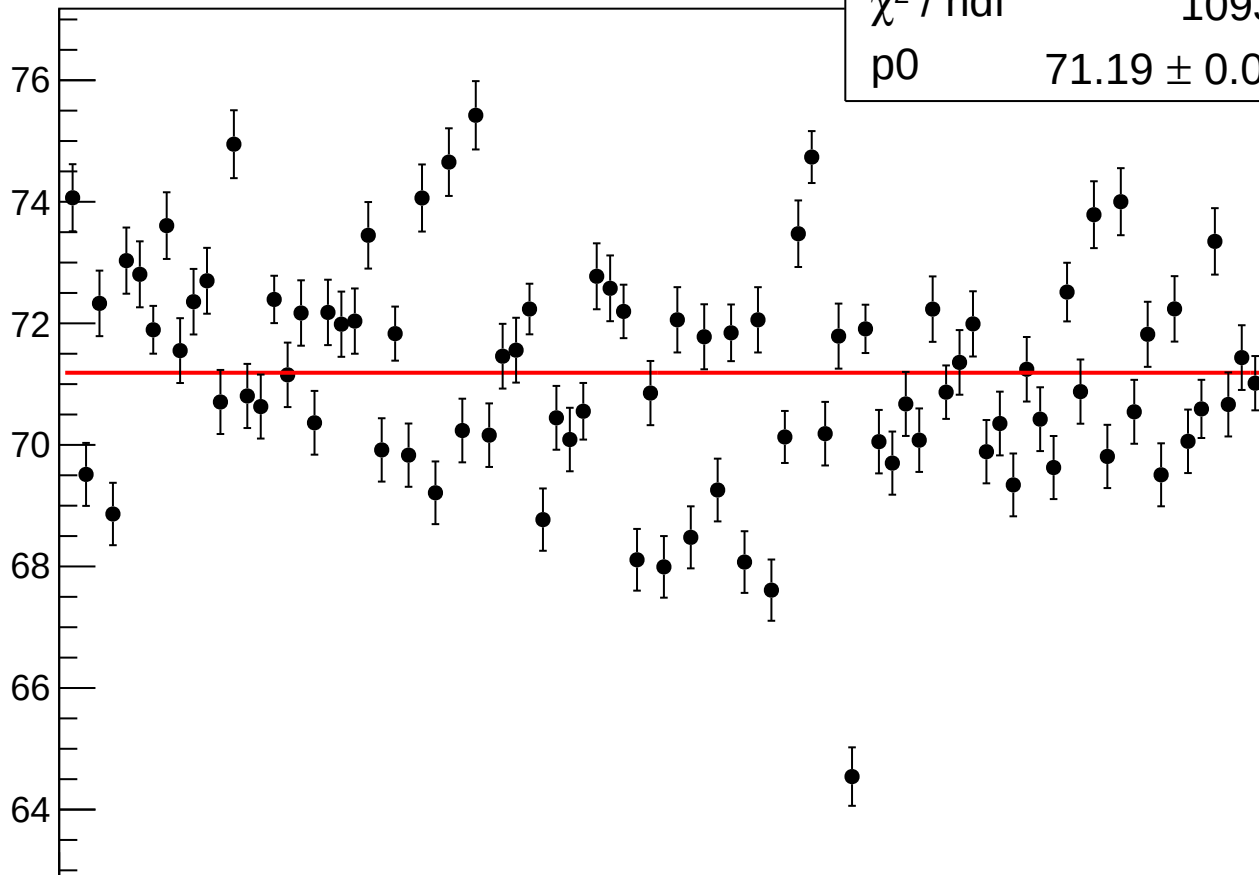
dit_asym_sam_15_26_dd_rms vs run

χ^2 / ndf

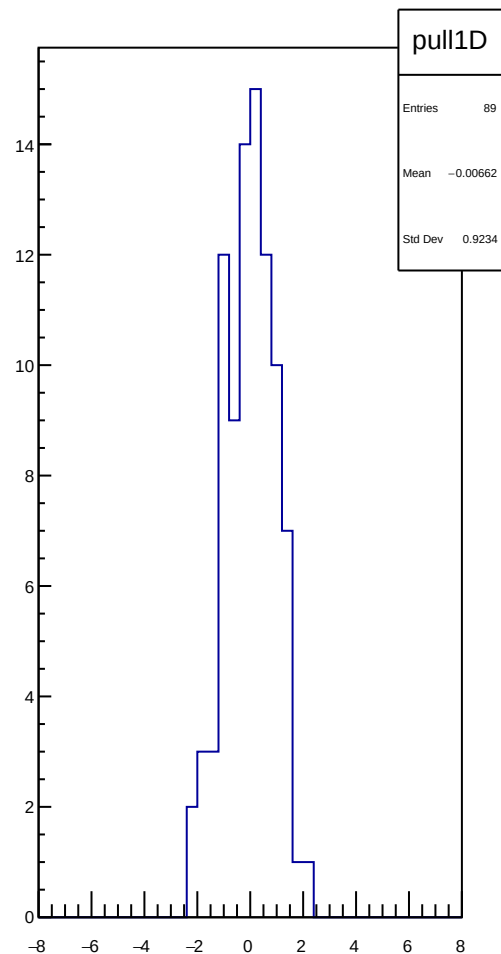
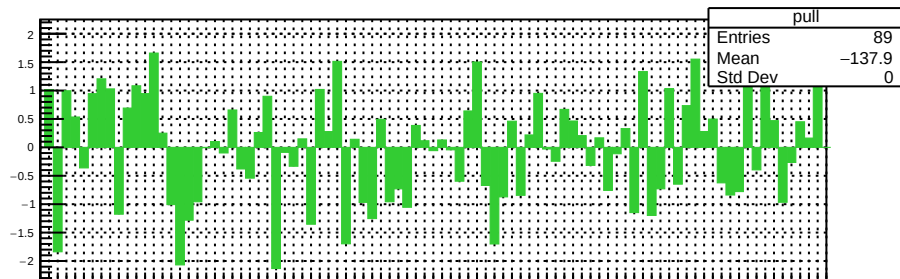
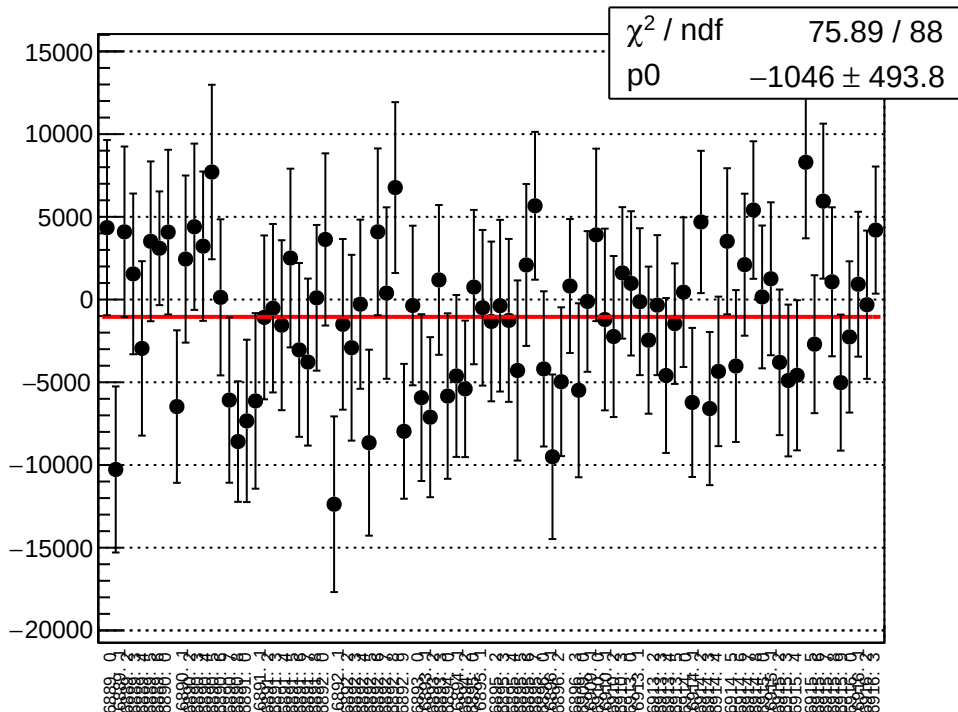
1093 / 88

p0

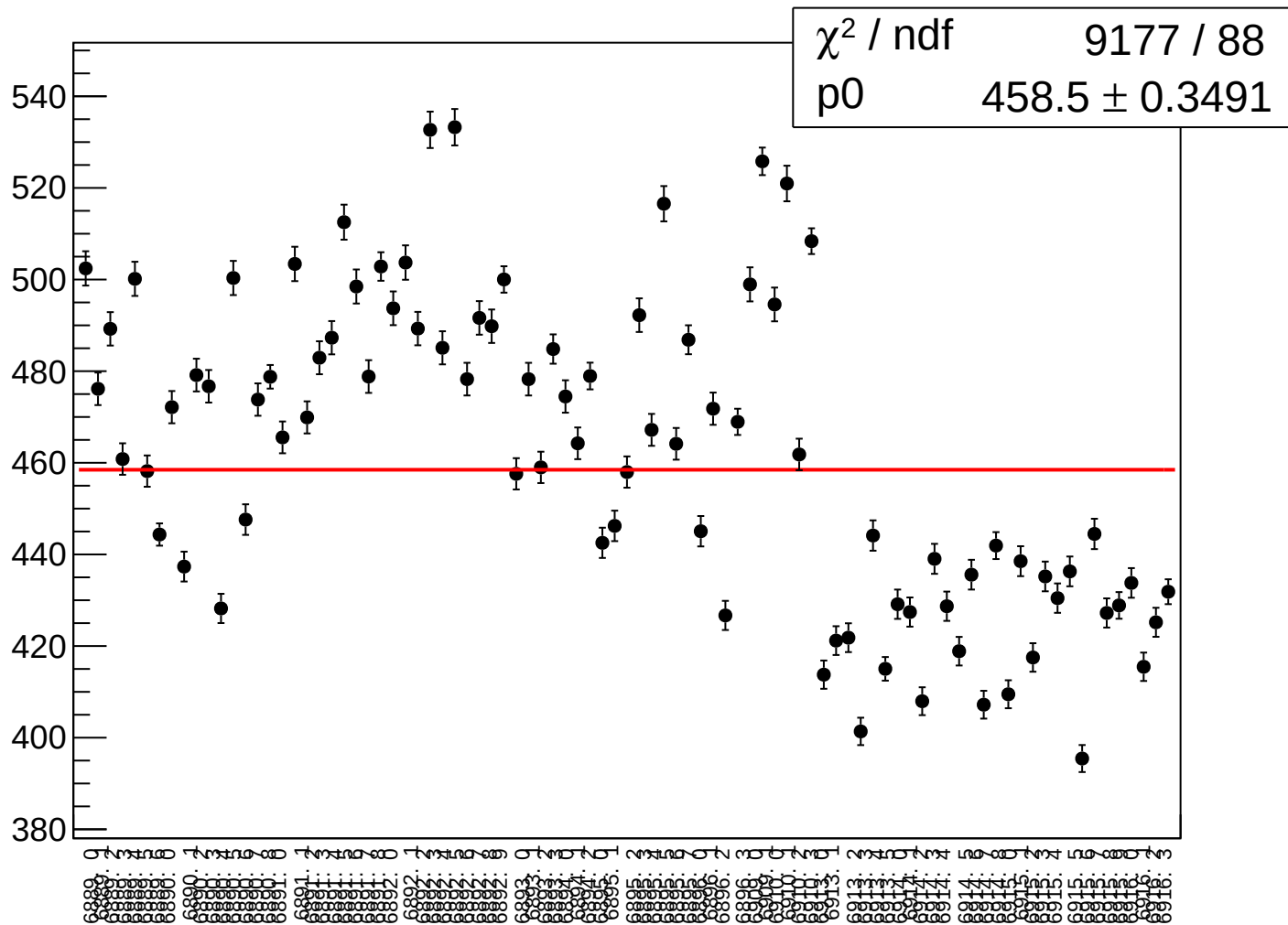
71.19 ± 0.05408



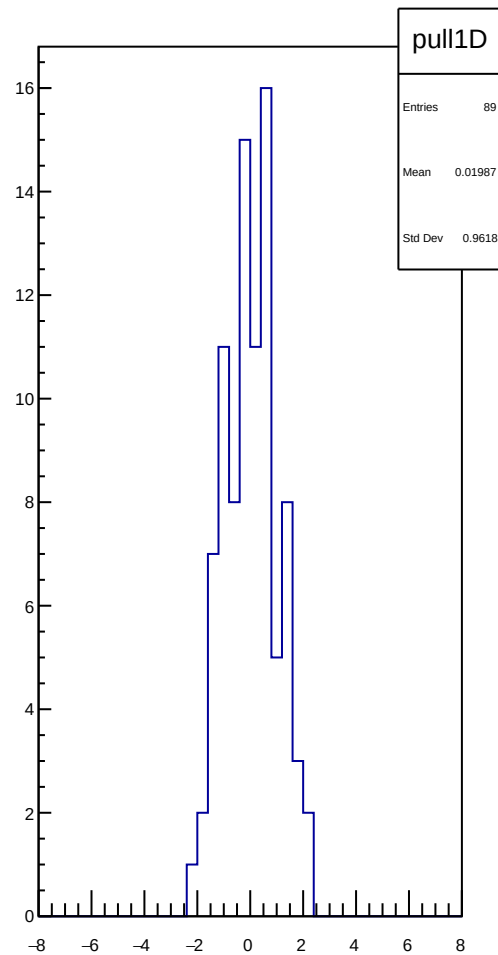
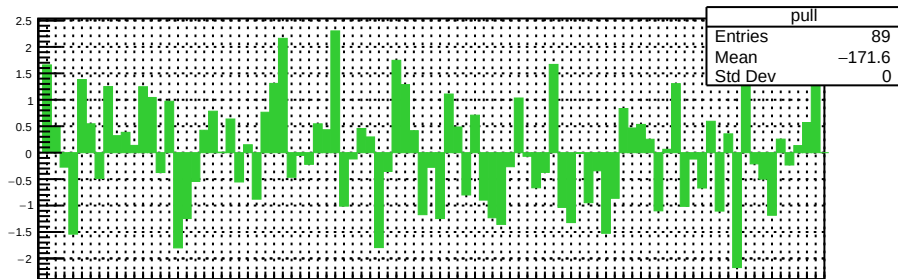
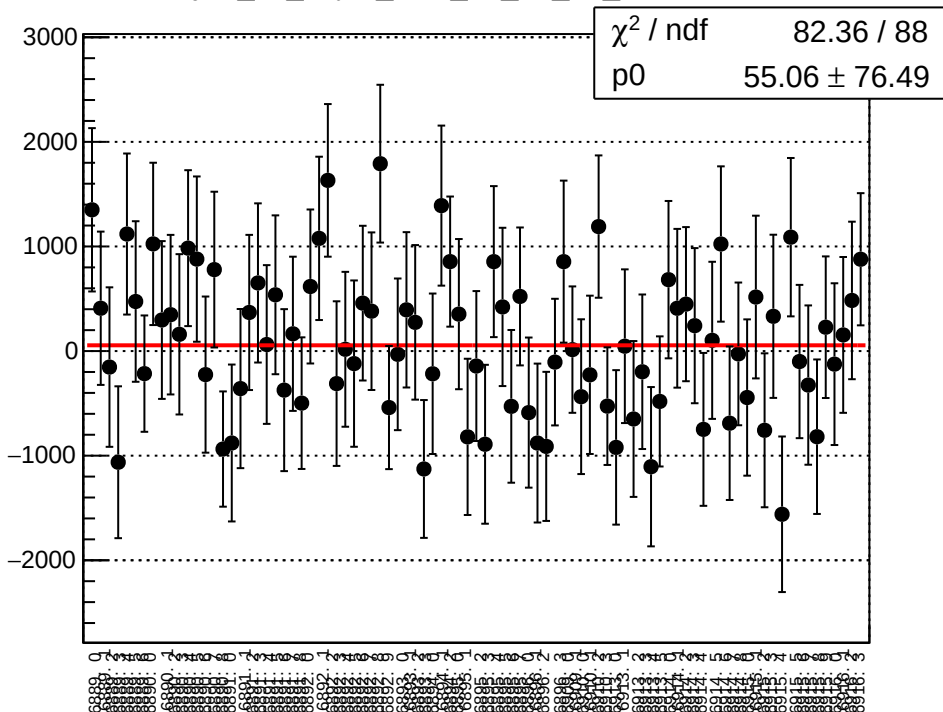
asym_sam_15_26_dd_dit_correction_mean vs run



asym_sam_15_26_dd_dit_correction_rms vs run



eigen_dit_asym_sam_15_26_dd_mean vs run



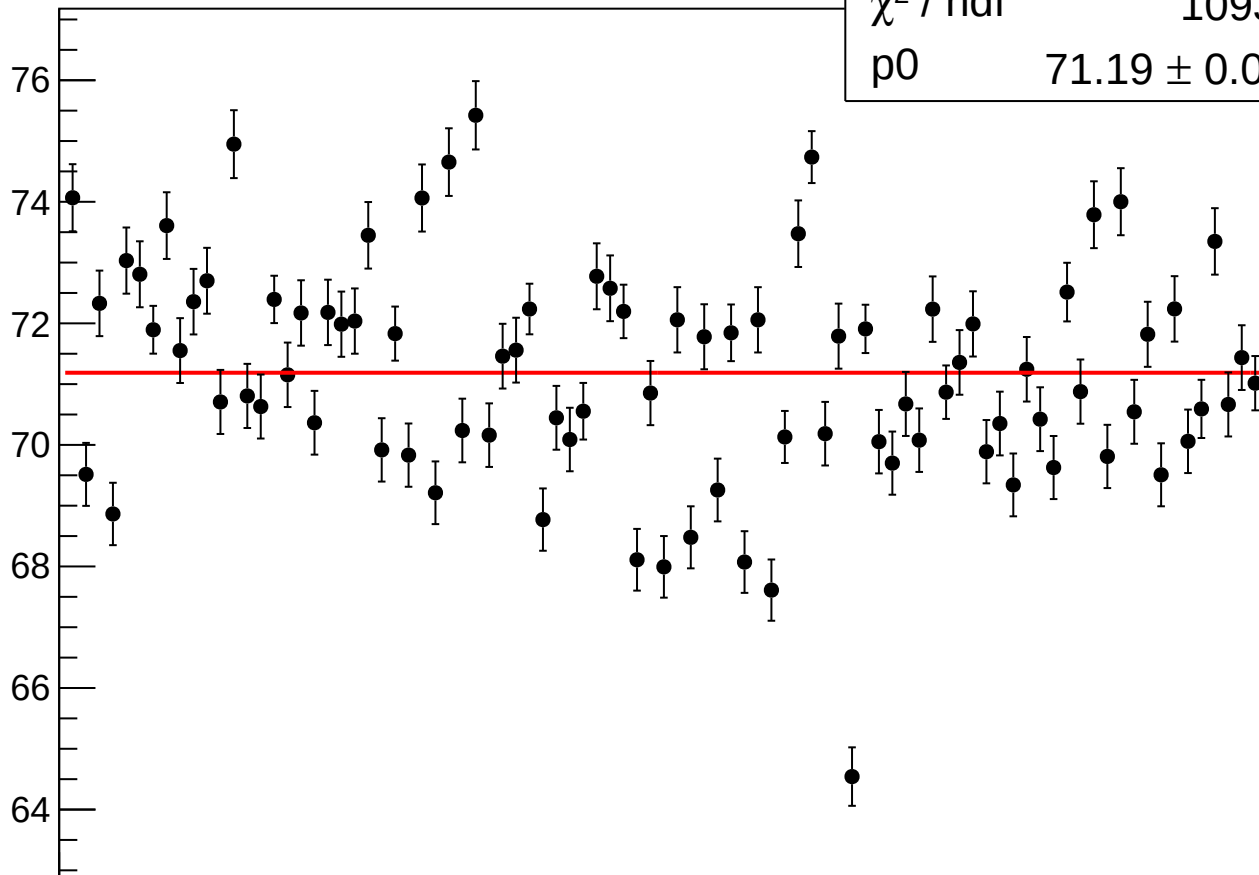
eigen_dit_asym_sam_15_26_dd_rms vs run

χ^2 / ndf

1093 / 88

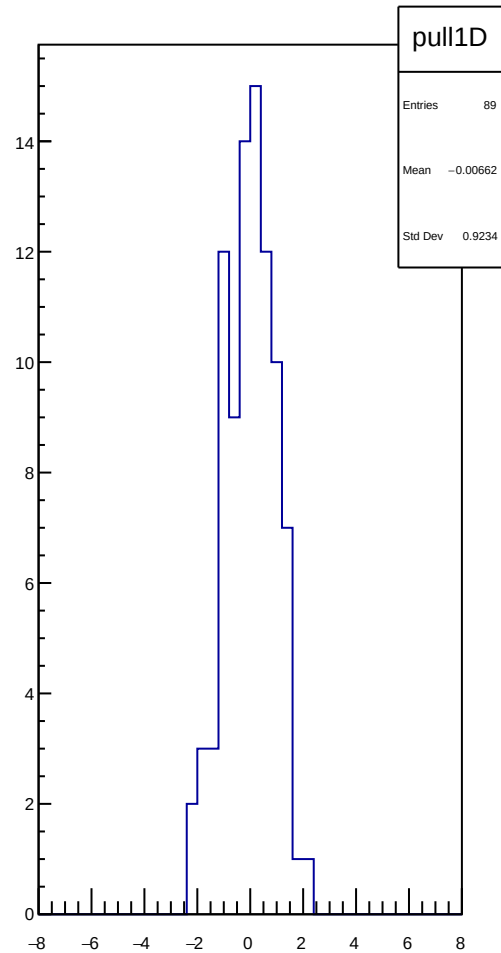
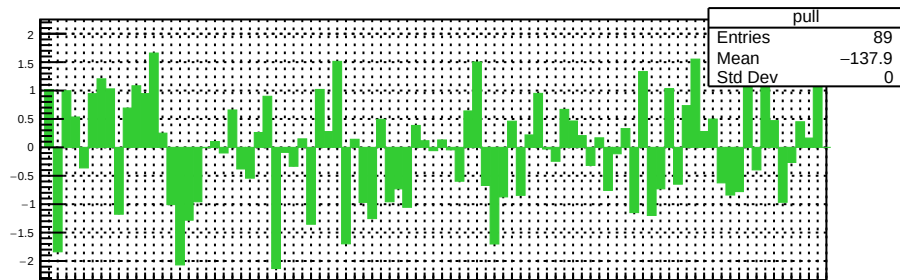
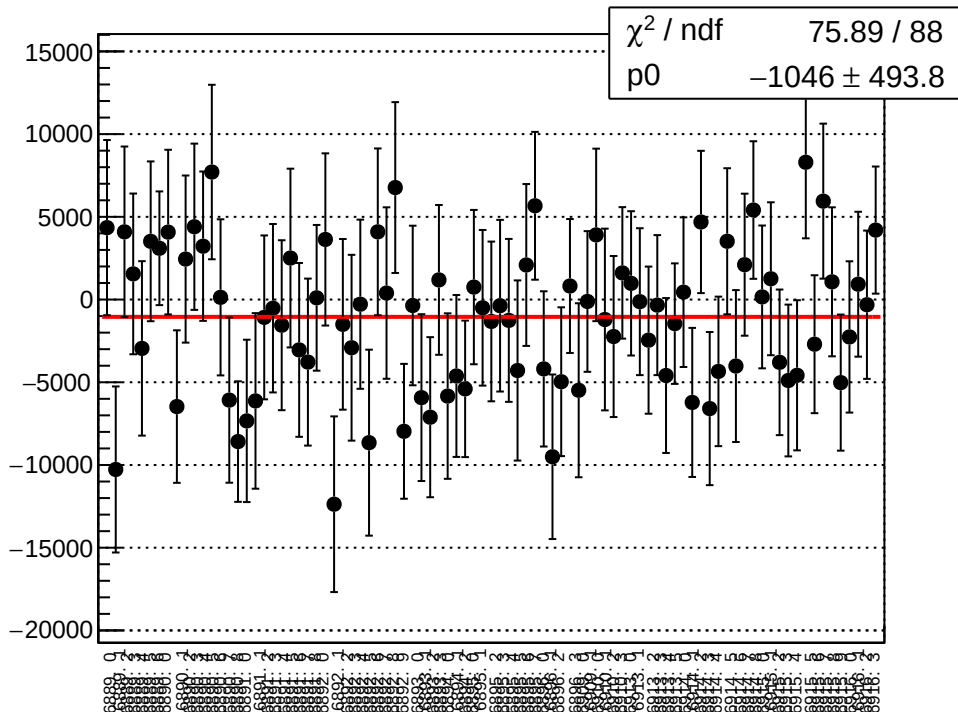
p0

71.19 ± 0.05408

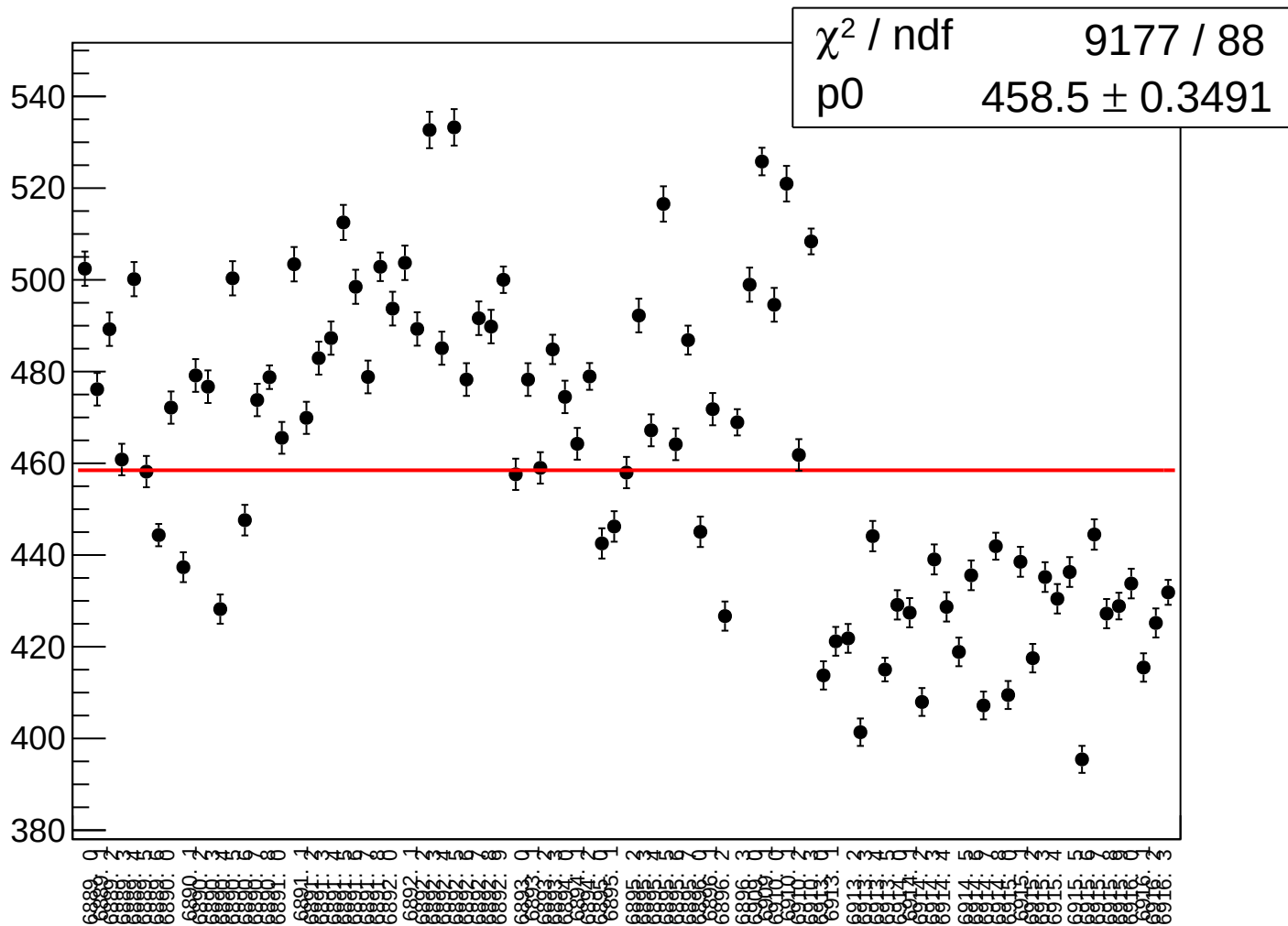


00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

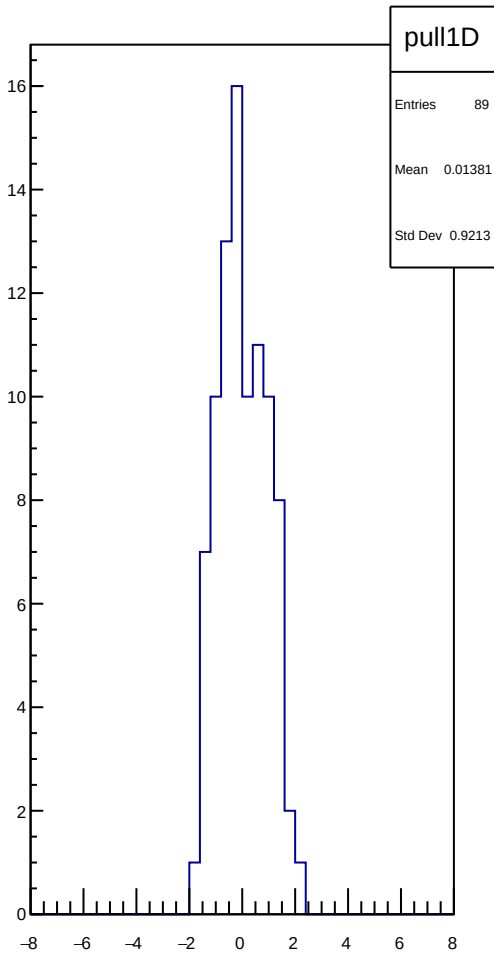
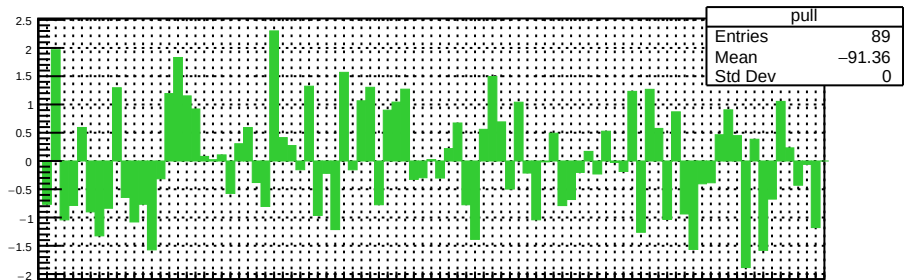
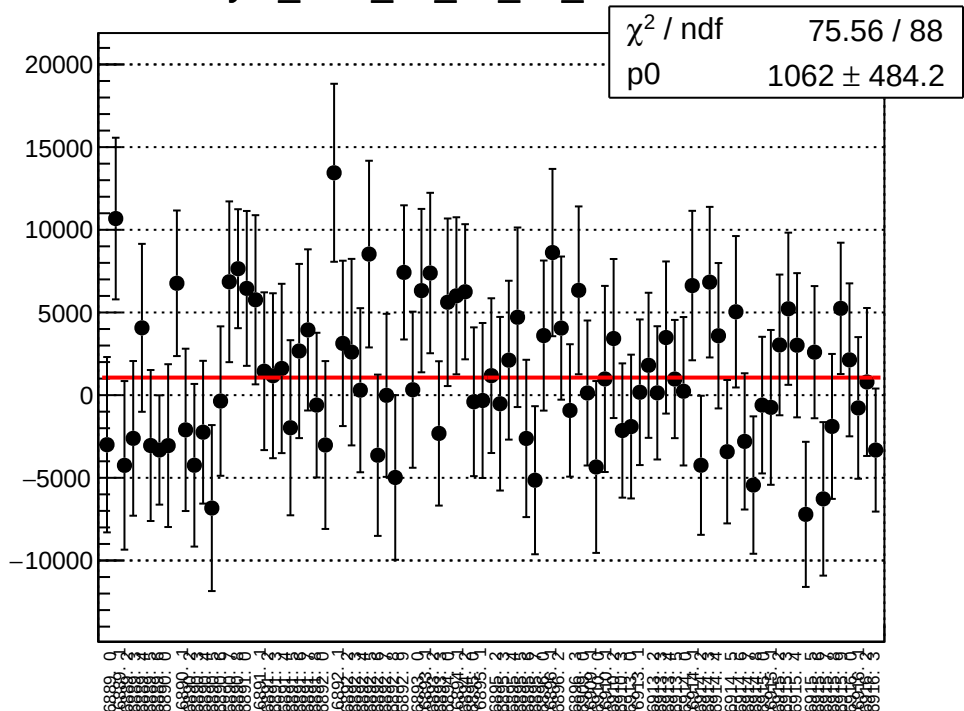
asym_sam_15_26_dd_eigen_dit_correction_mean vs run



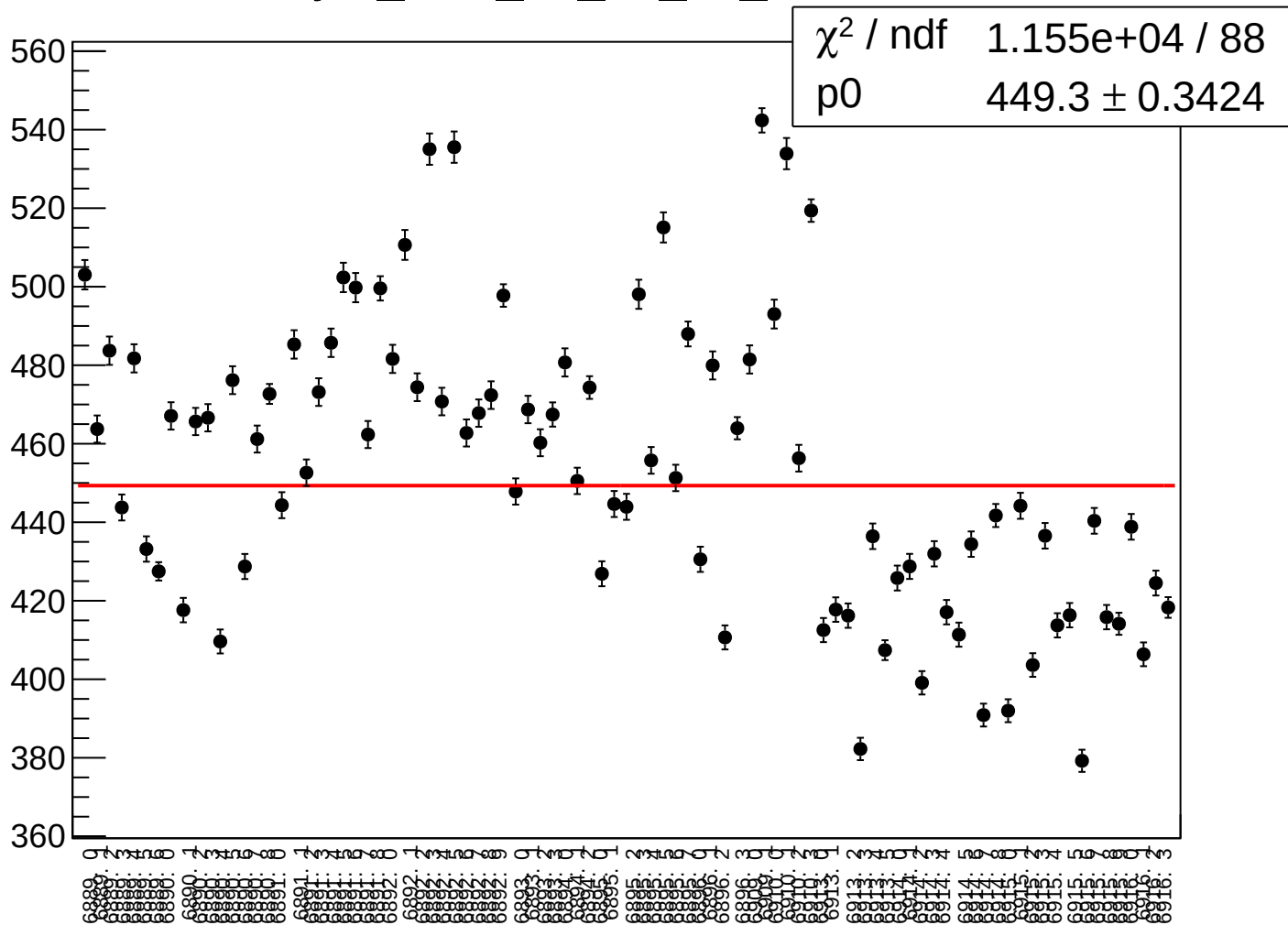
asym_sam_15_26_dd_eigen_dit_correction_rms vs run



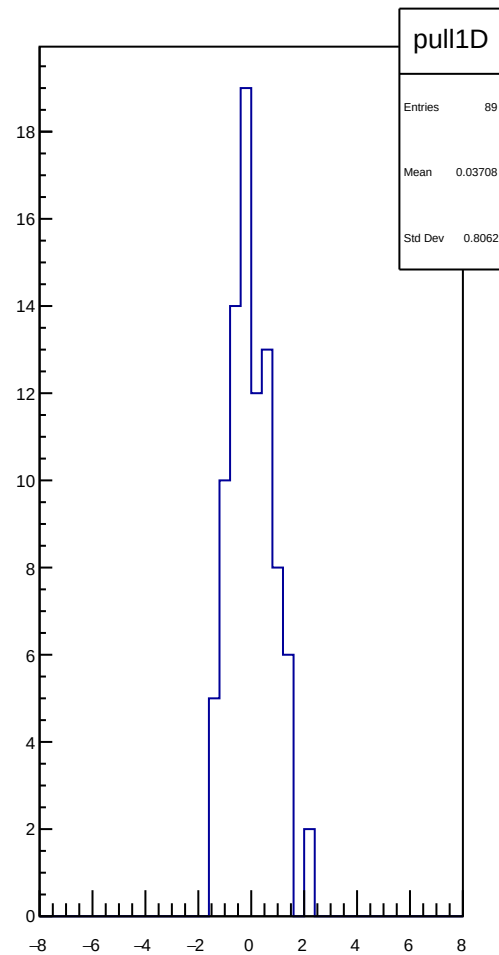
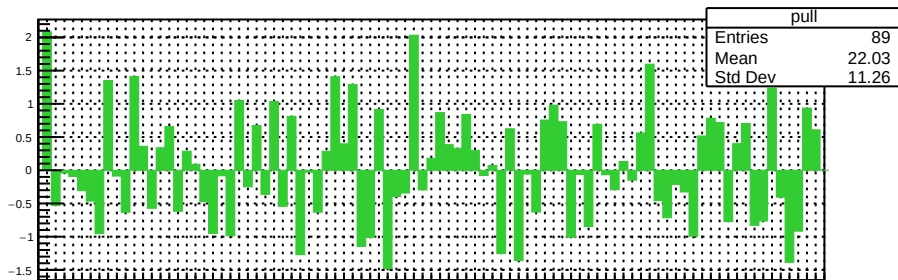
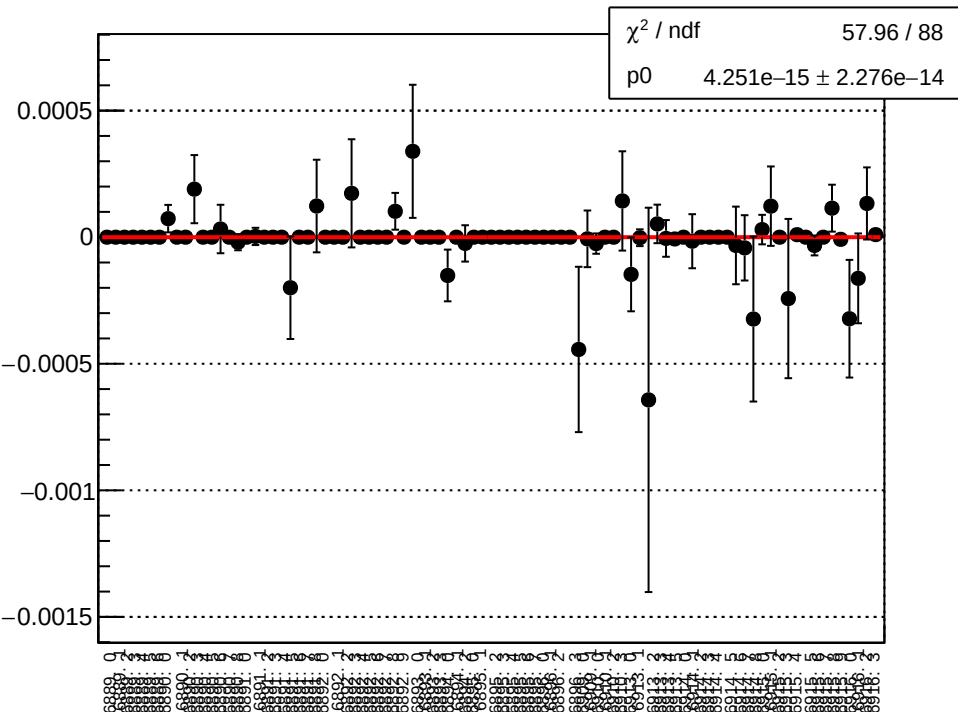
asym_sam_15_26_dd_mean vs run



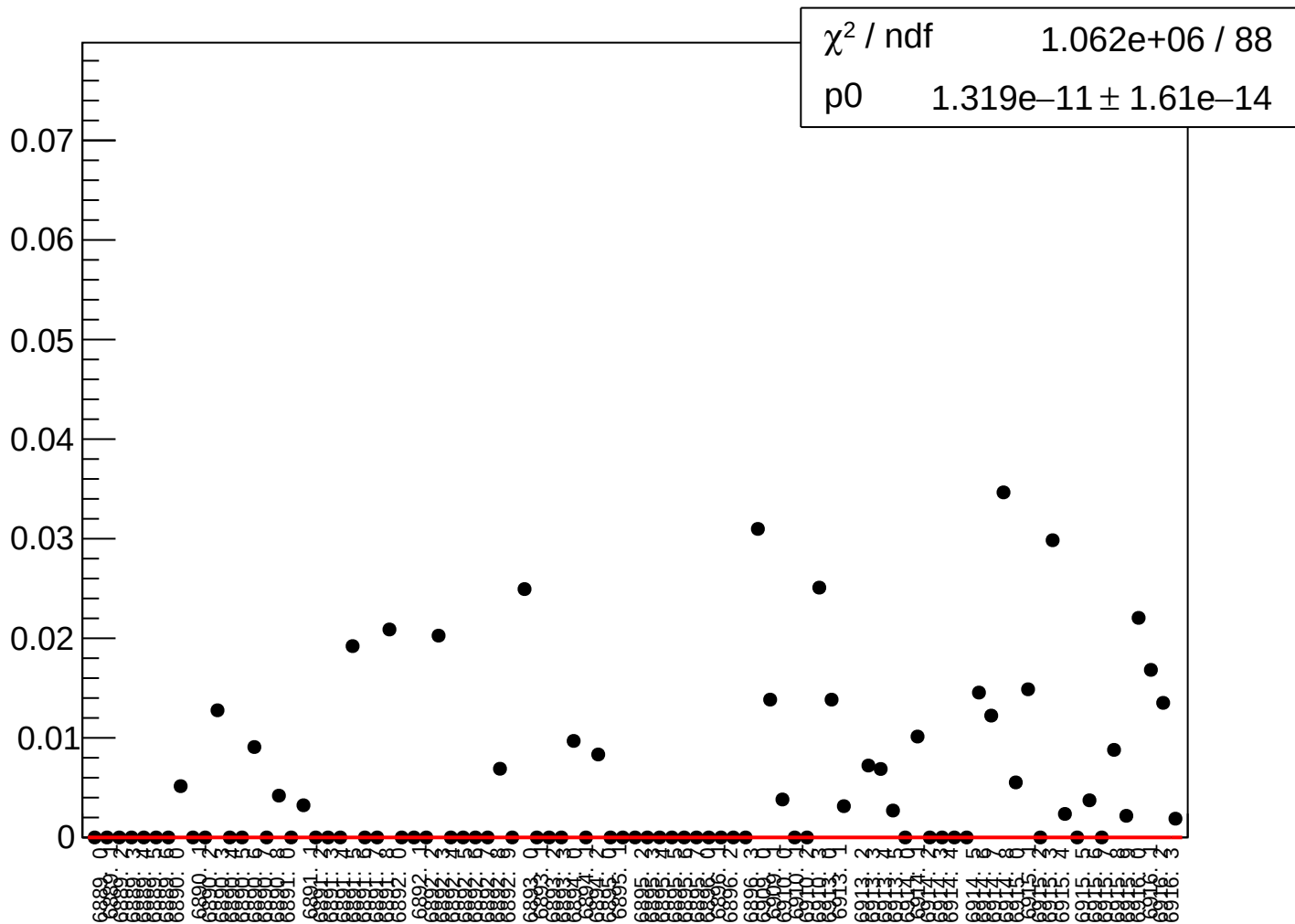
asym_sam_15_26_dd_rms vs run



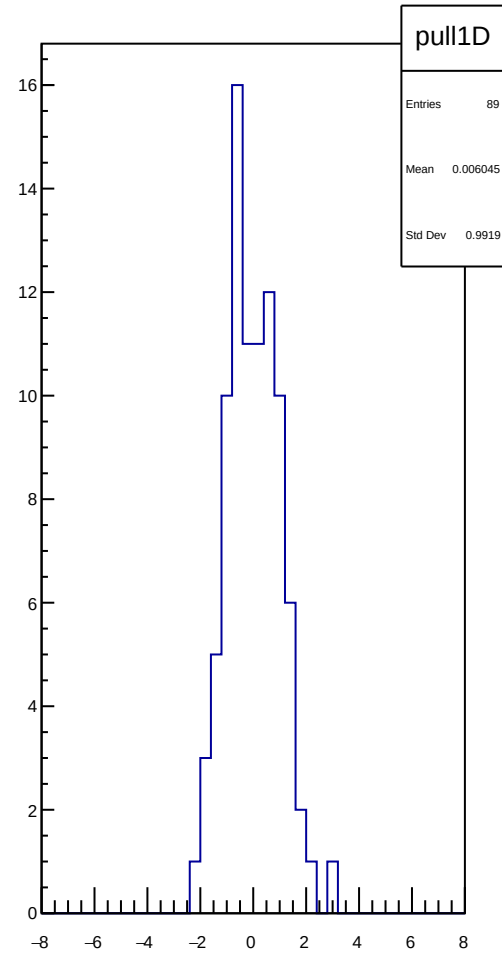
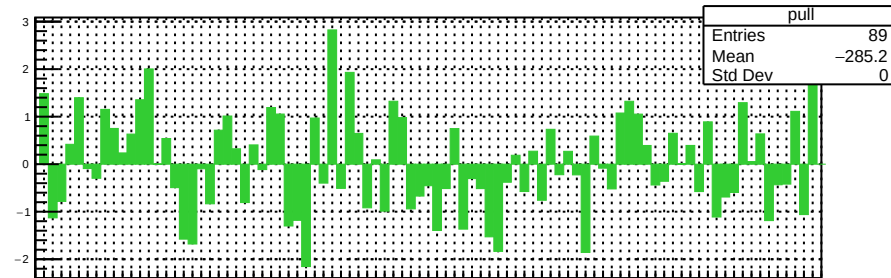
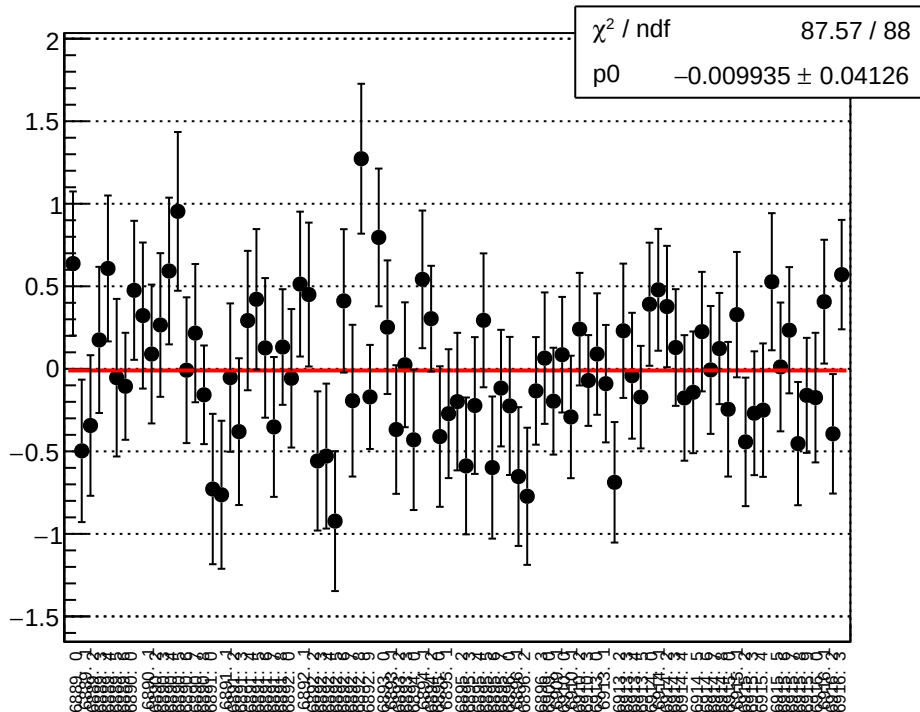
asym_sam_15_26_dd_reg_vs_cor_diff_mean vs run



asym_sam_15_26_dd_reg_vs_cor_diff_rms vs run



asym sam 15 26 dd dit vs cor diff mean vs run



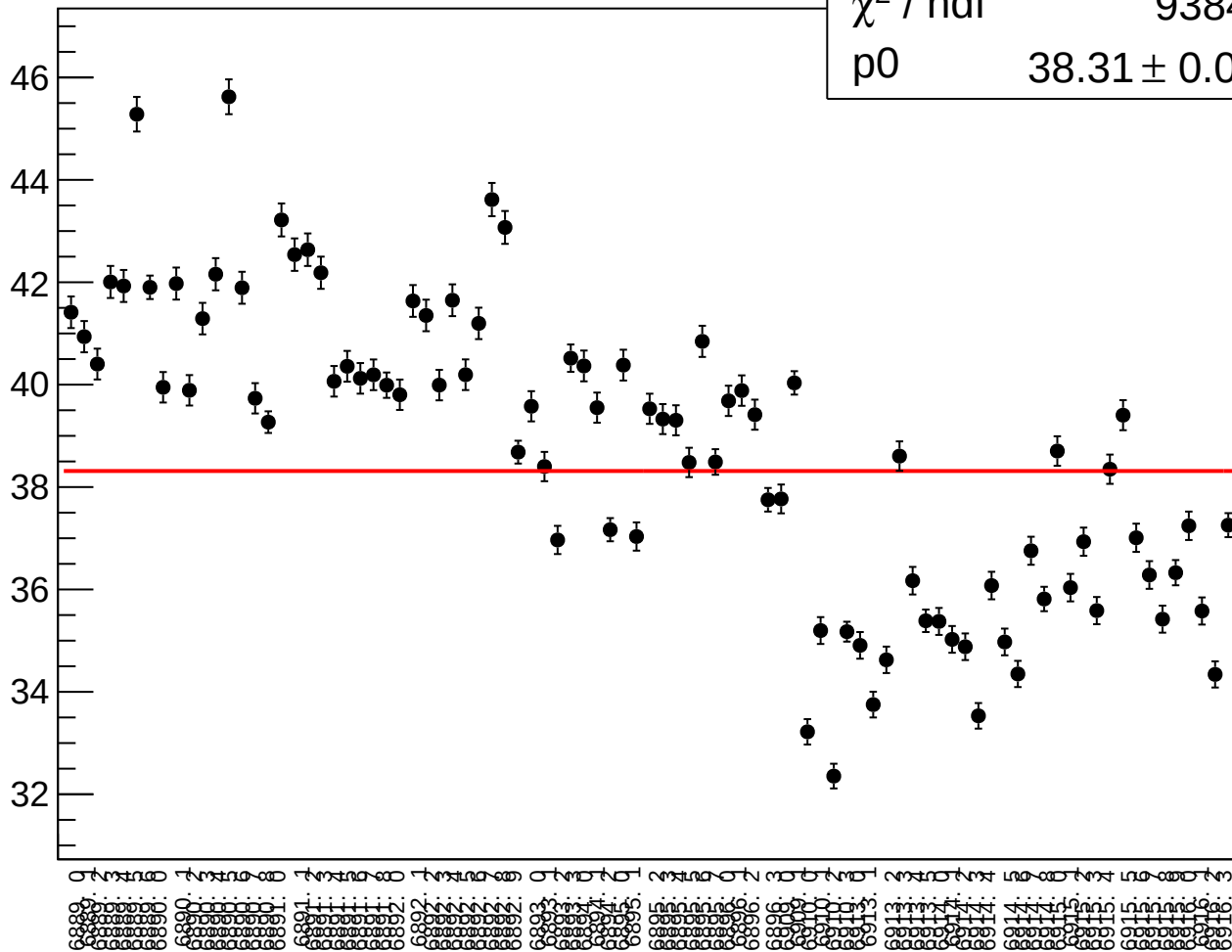
asym_sam_15_26_dd_dit_vs_cor_diff_rms vs run

χ^2 / ndf

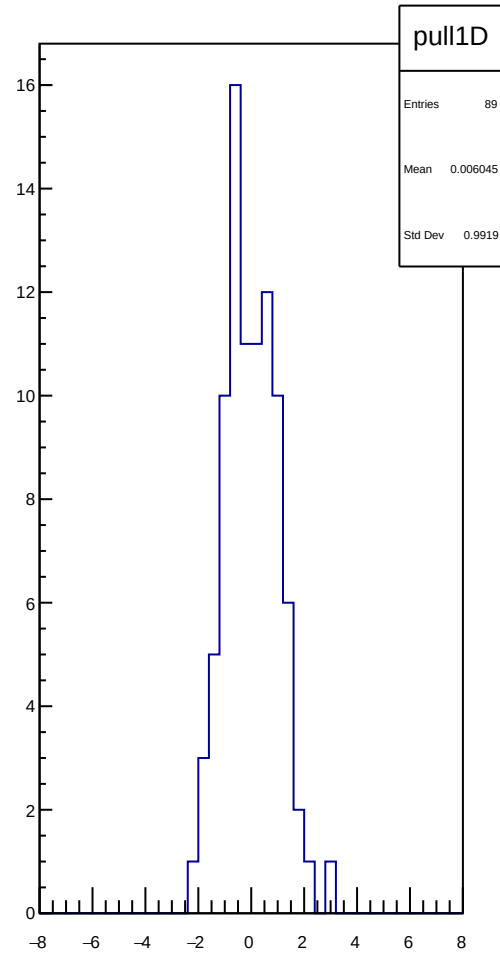
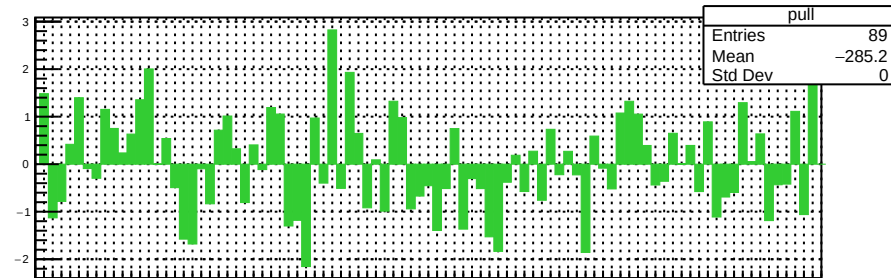
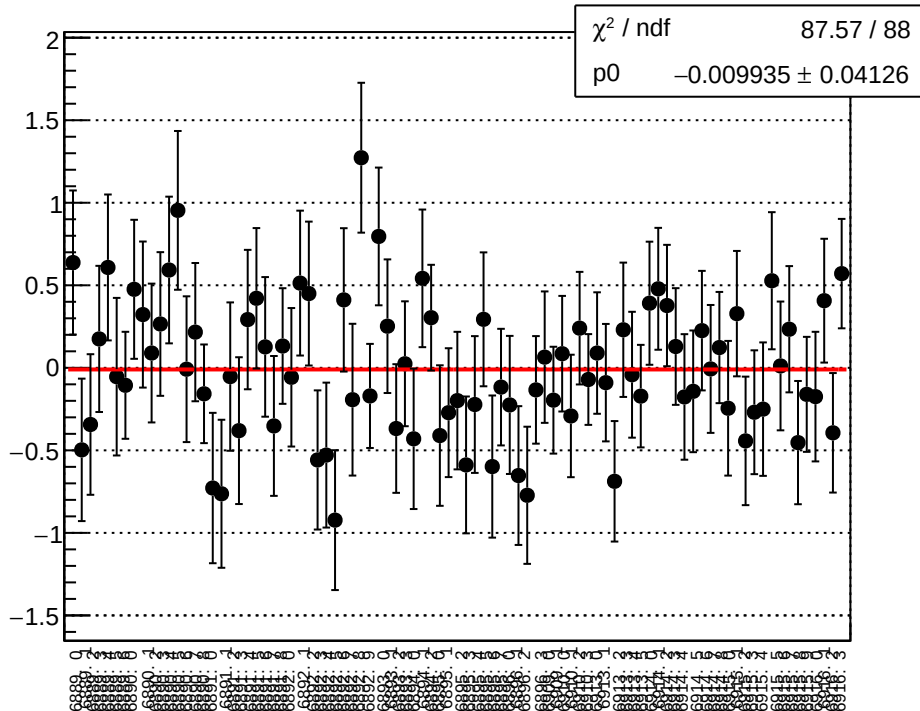
9384 / 88

p0

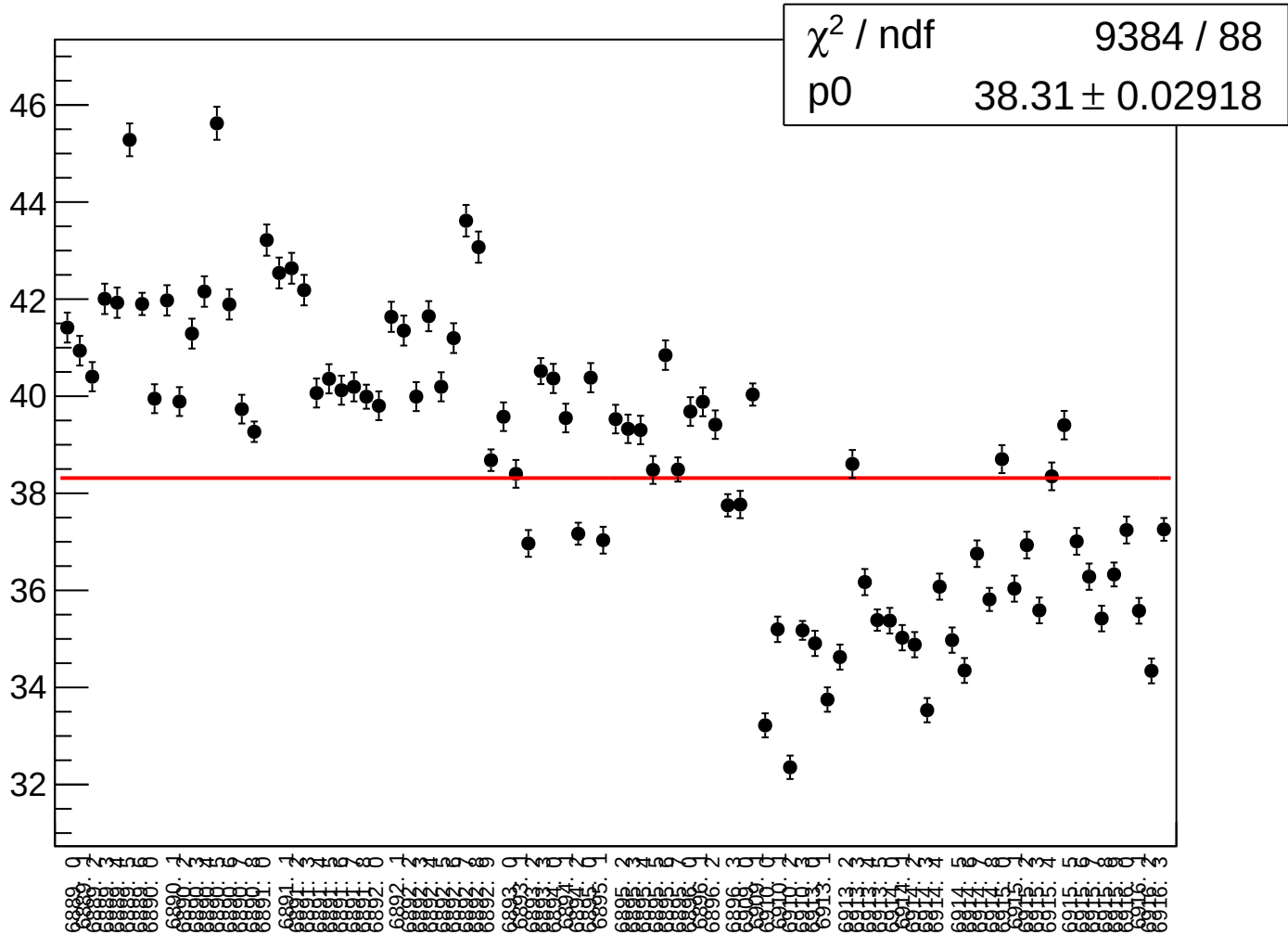
38.31 ± 0.02918



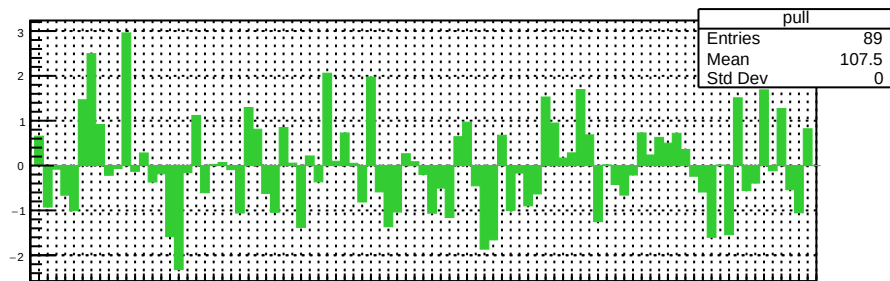
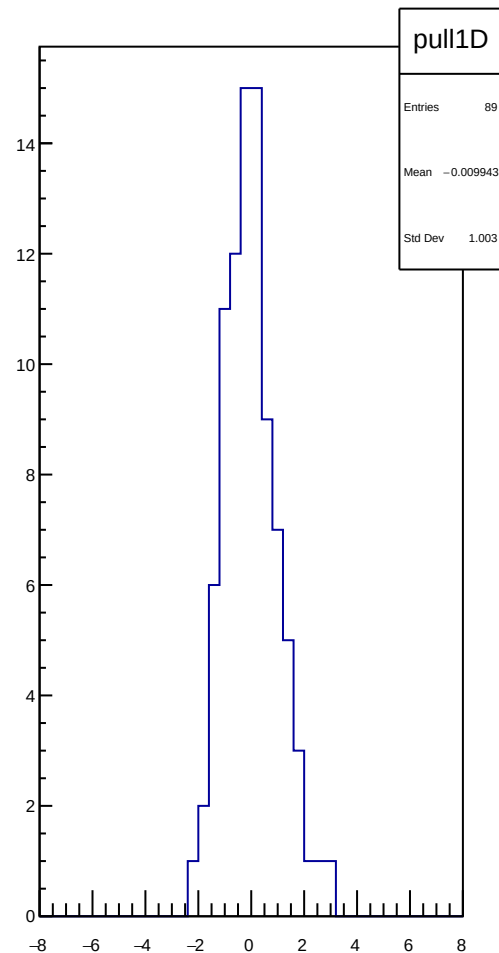
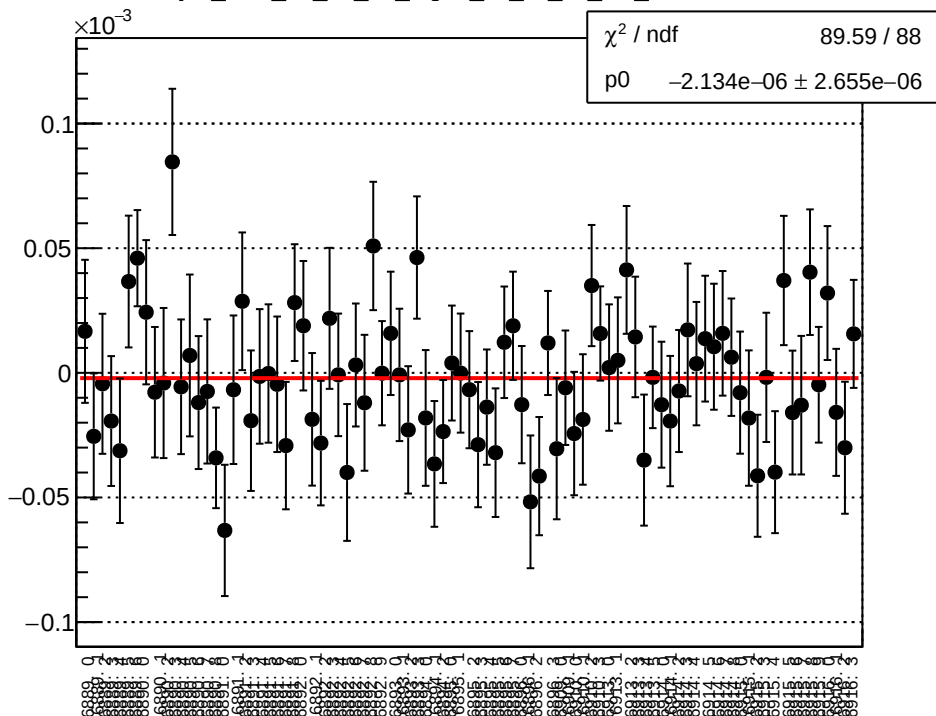
asym sam 15 26 dd dit vs eigen cor diff mean vs run



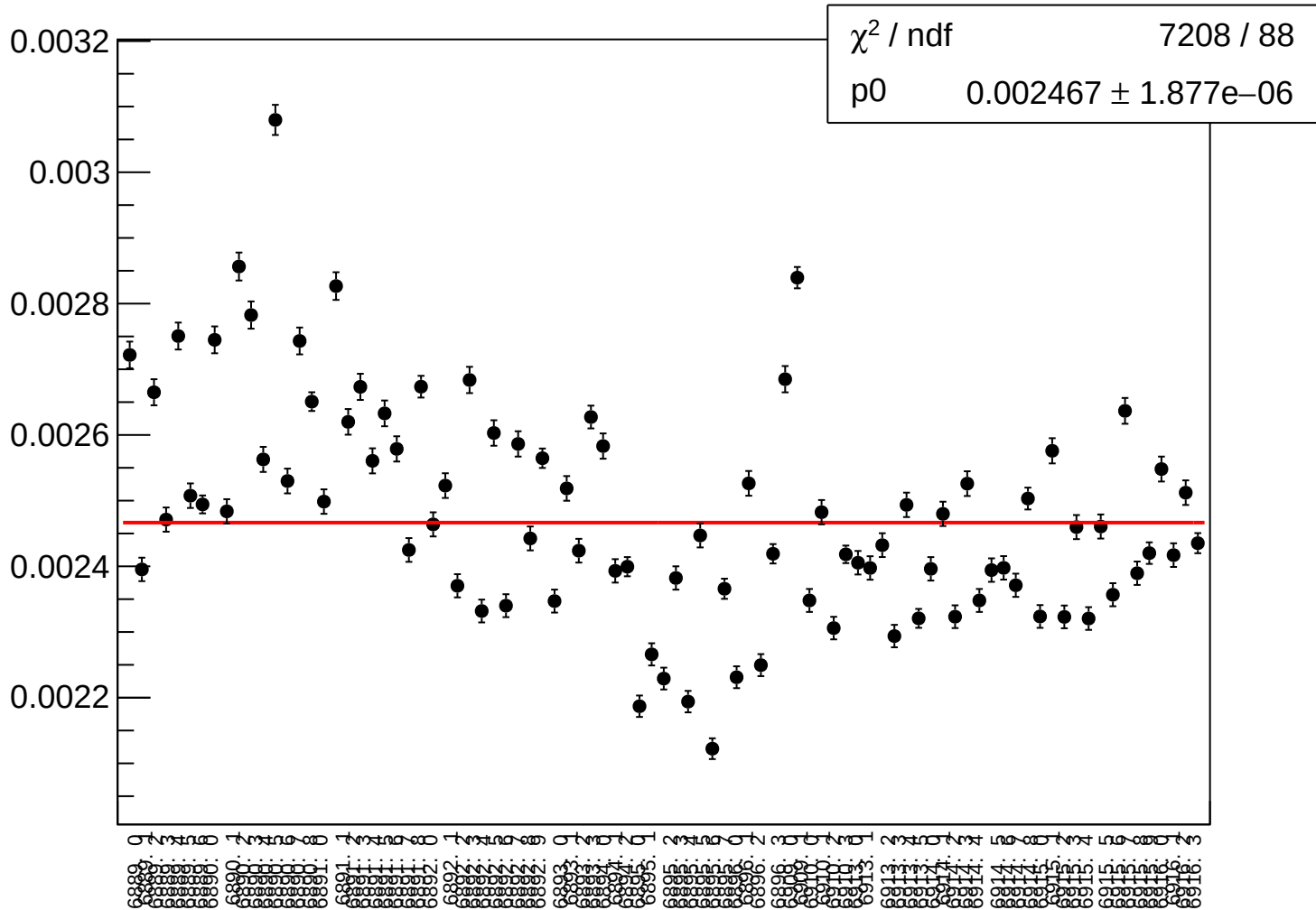
asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs run



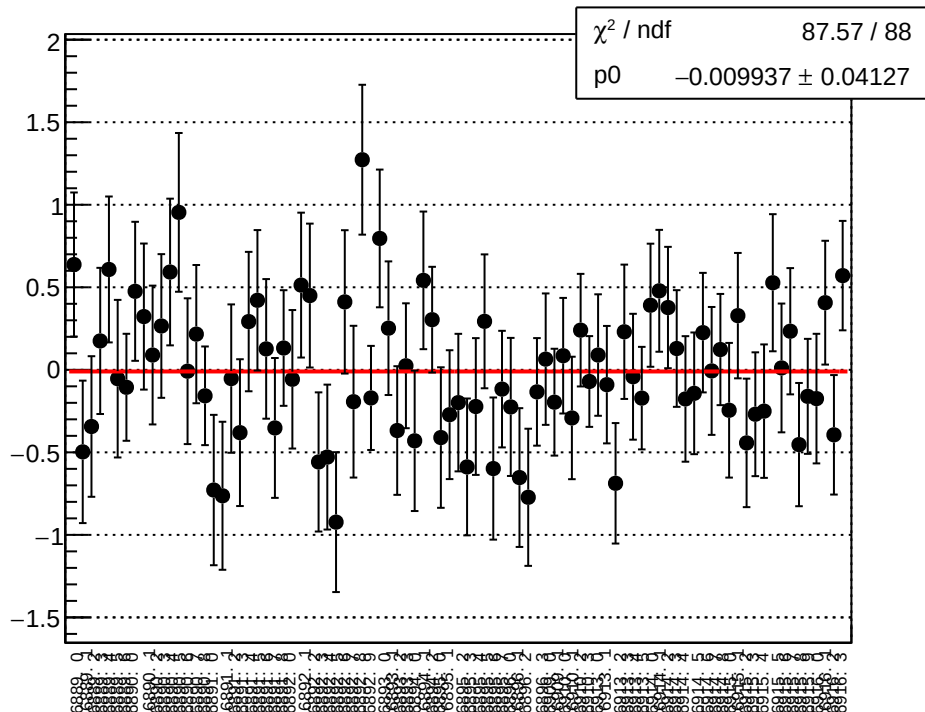
asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs run



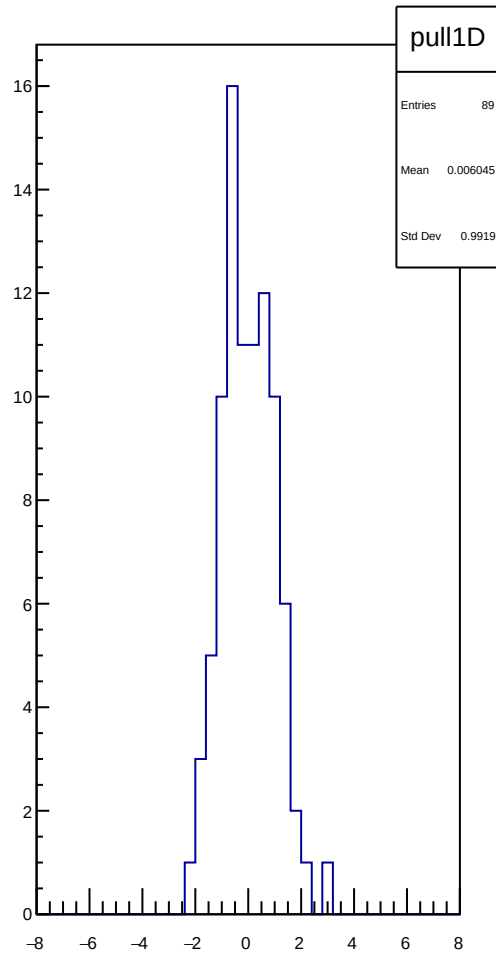
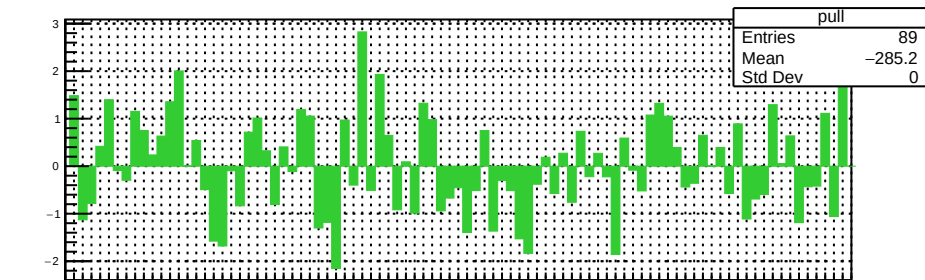
asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs run



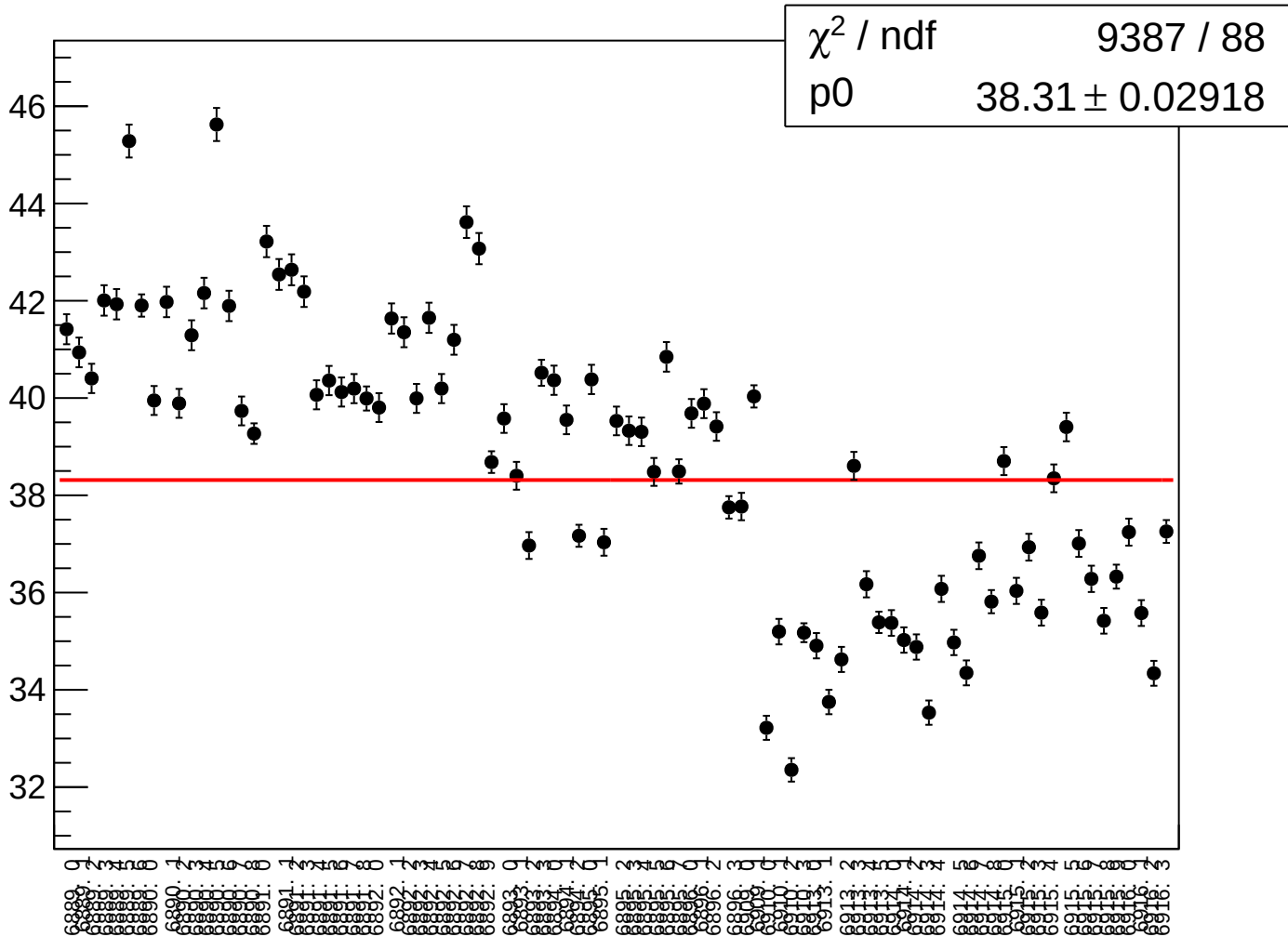
asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs run



Correlation coefficients for the difference of eigenvalues versus run. The plot shows a series of small correlation coefficients for each run, with a red line indicating the fit.

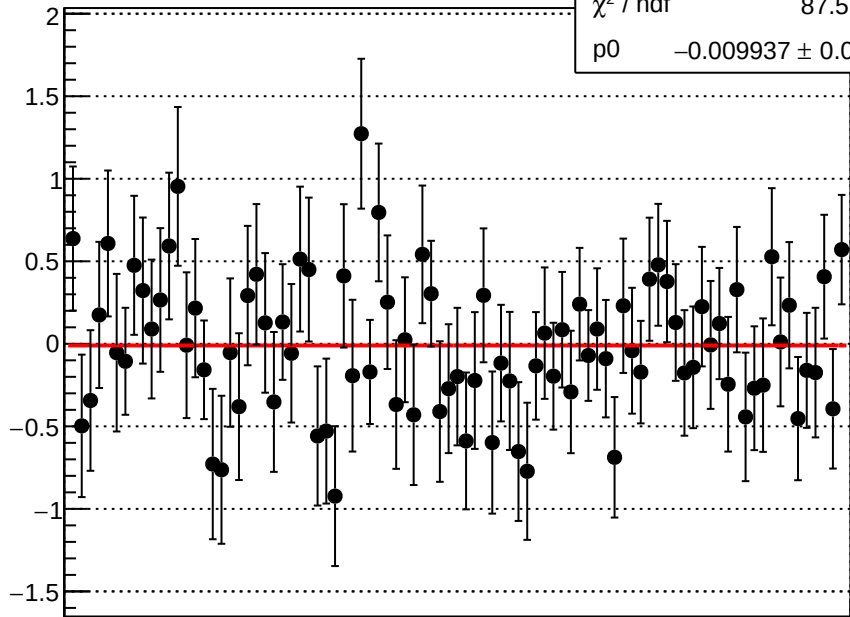
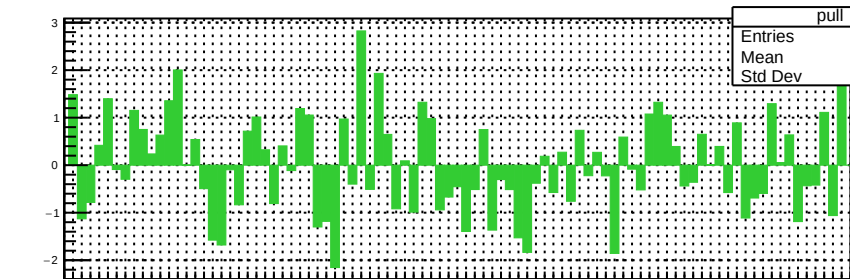


asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs run

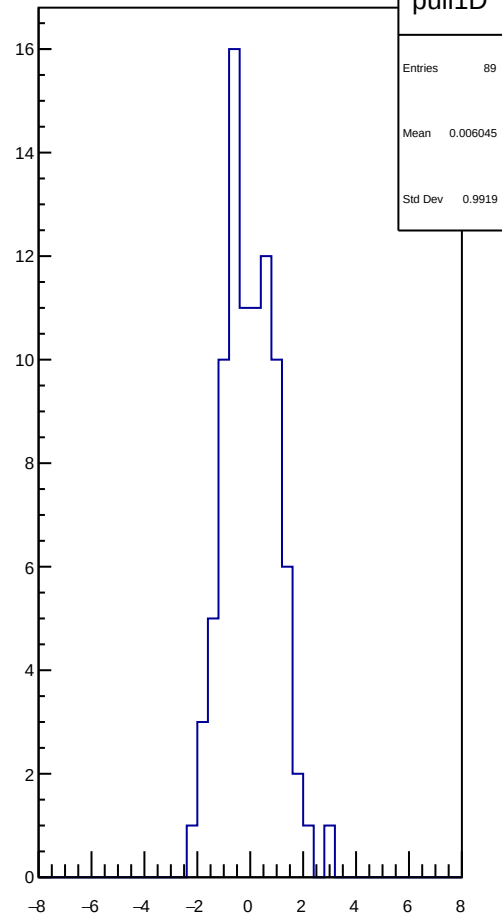


$\chi^2/7 \text{ had}$ 87.5
 p_0 -0.009937 ± 0.000100

87.57 / 88

$$-0.009937 \pm 0.04127$$
[illegible]

	pull
Entries	
Mean	
Std Dev	



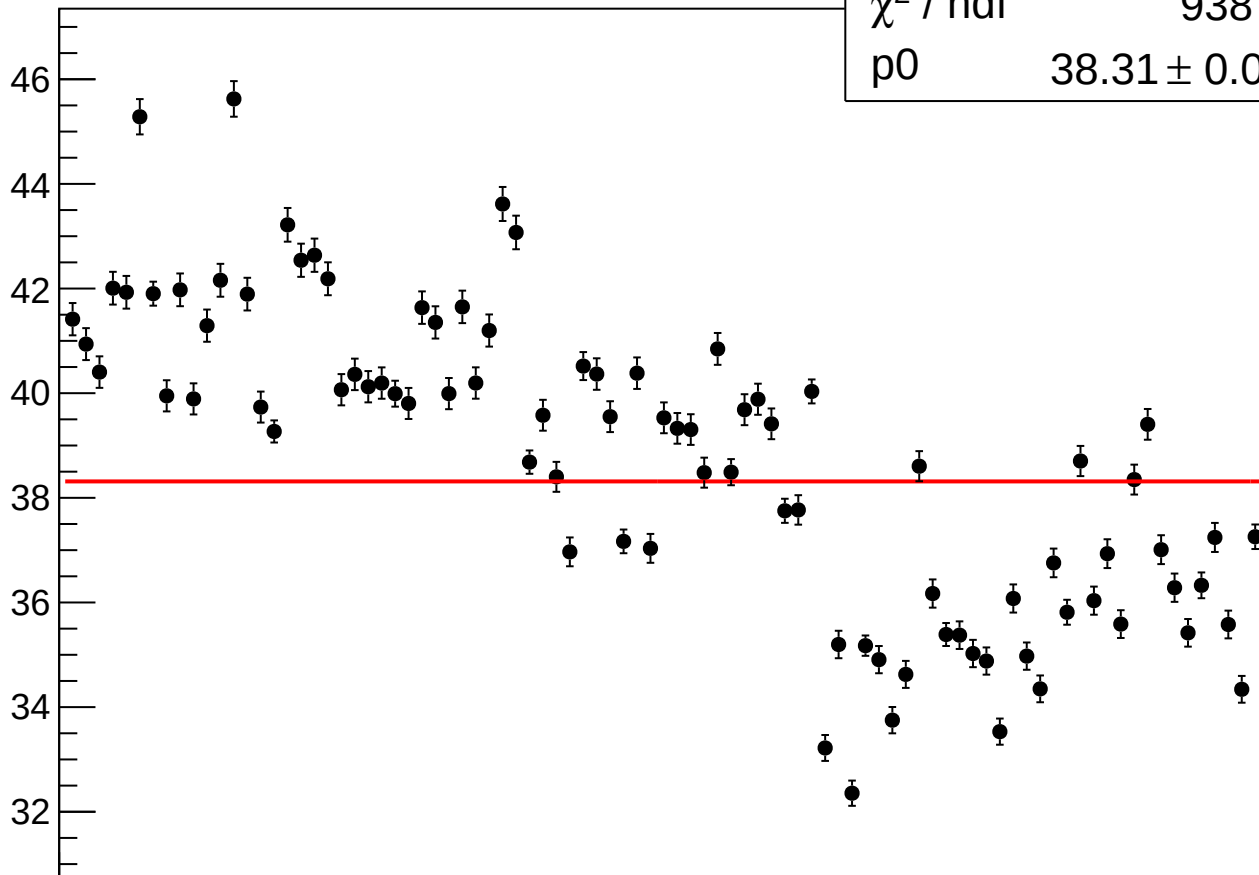
asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs run

χ^2 / ndf

9387 / 88

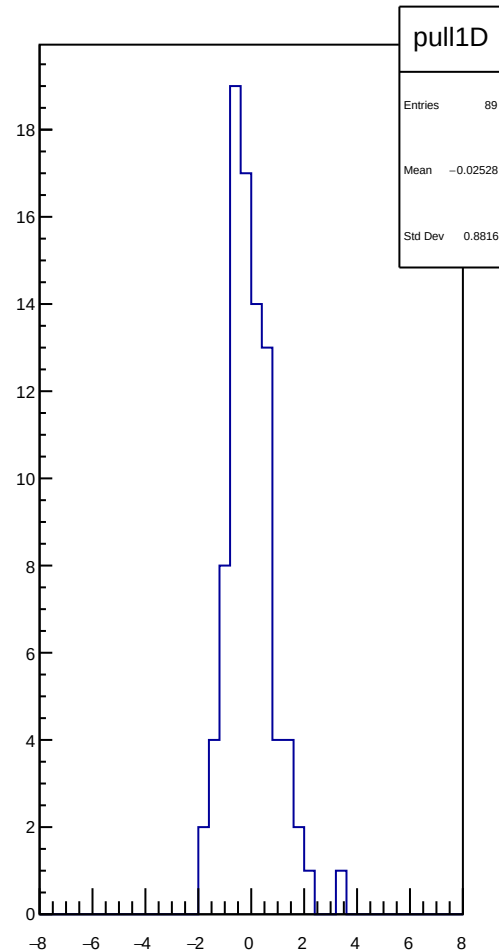
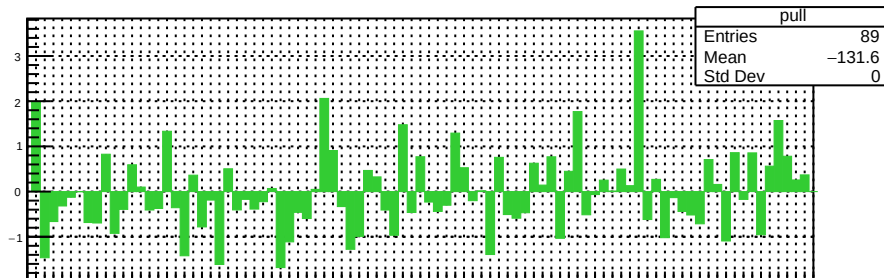
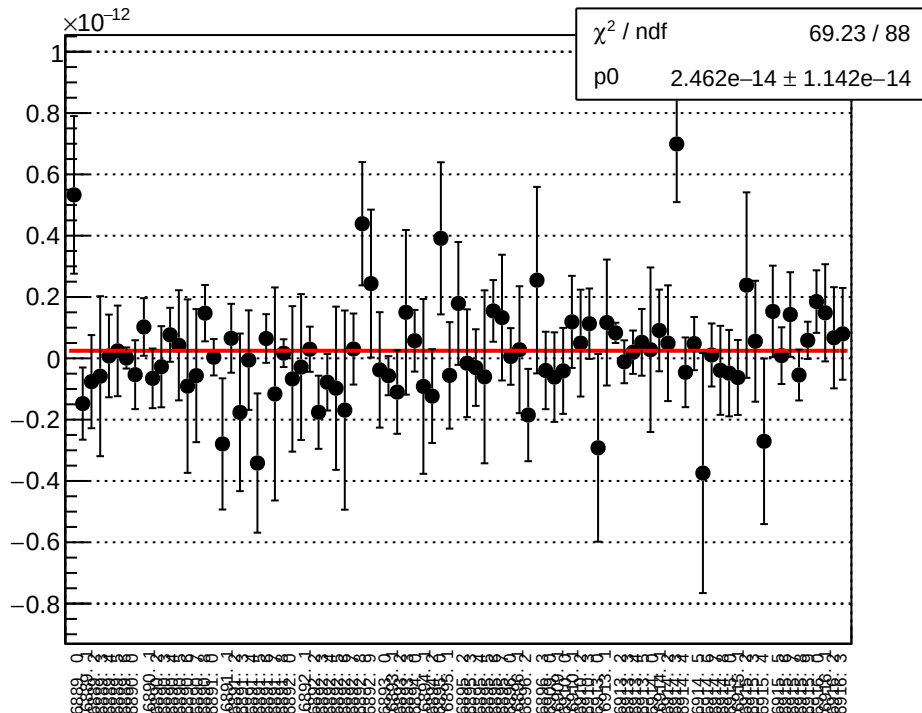
p0

38.31 ± 0.02918

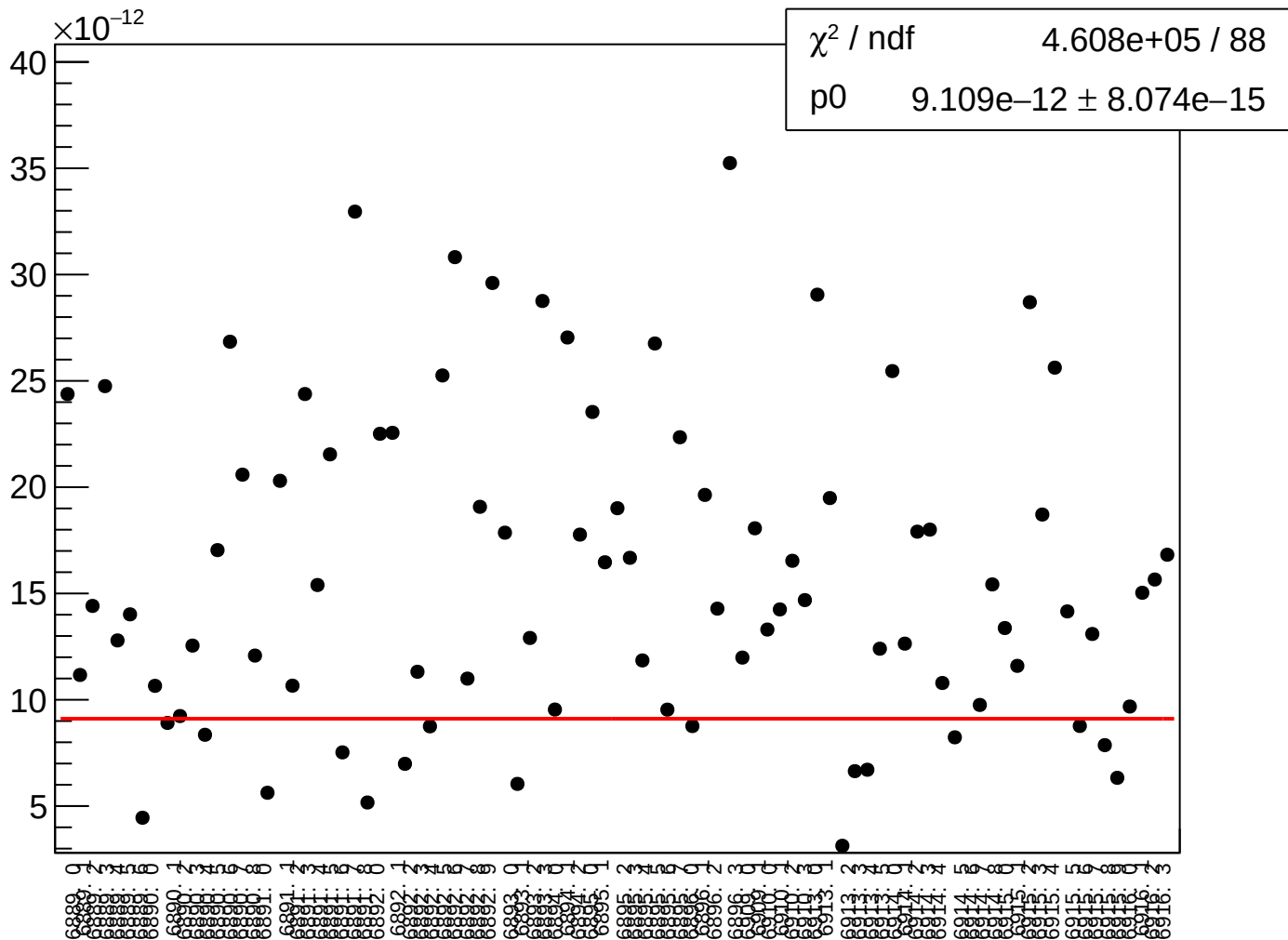


0 10 20 30 40 50 60 70 80 90 100

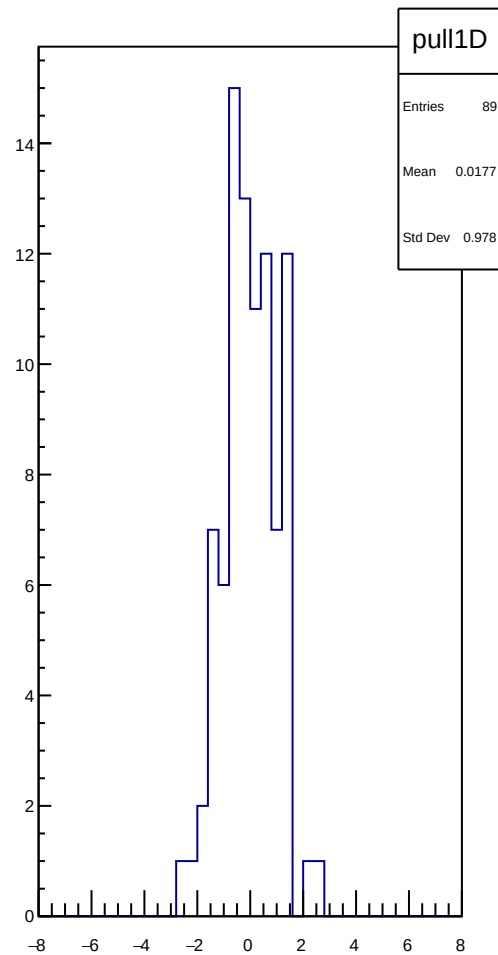
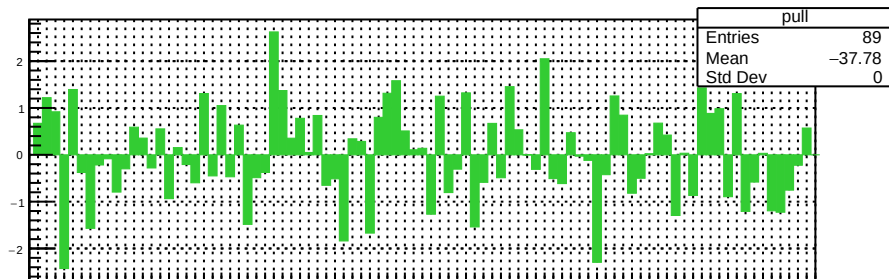
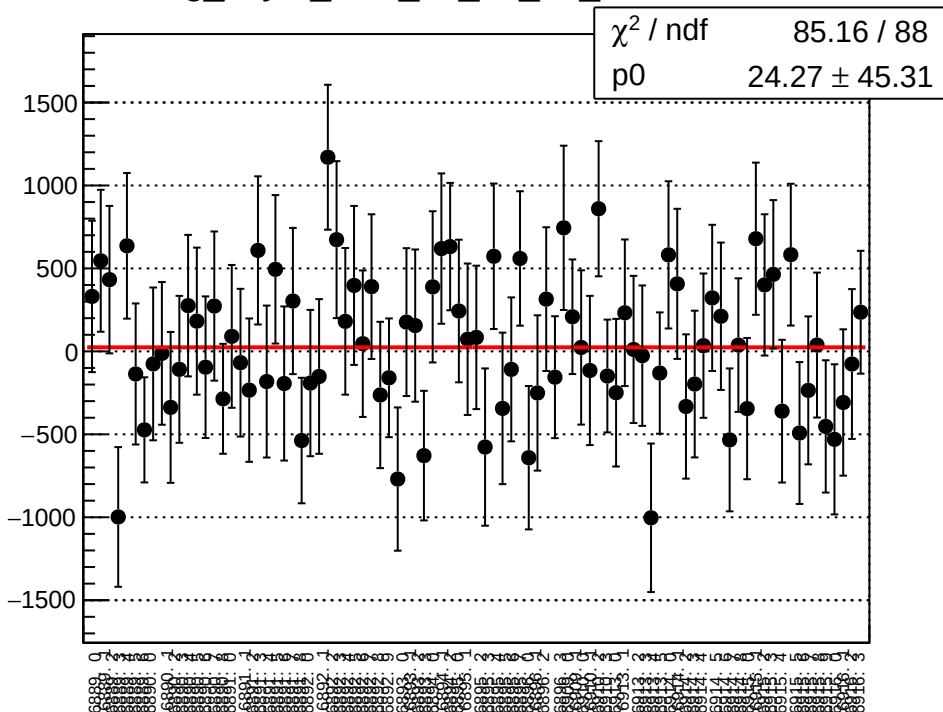
asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs run



asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_37_26_dd_mean vs run



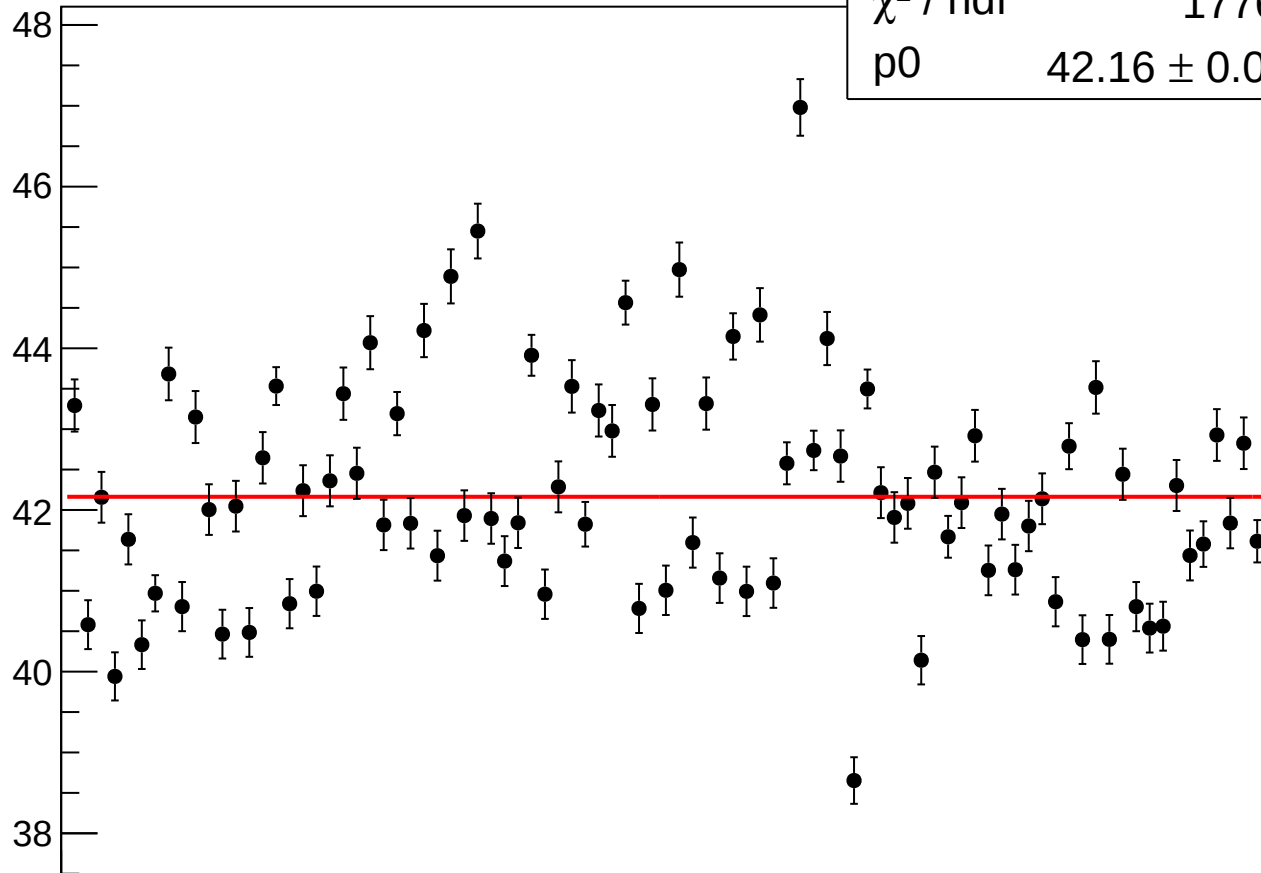
reg_asym_sam_37_26_dd_rms vs run

χ^2 / ndf

1776 / 88

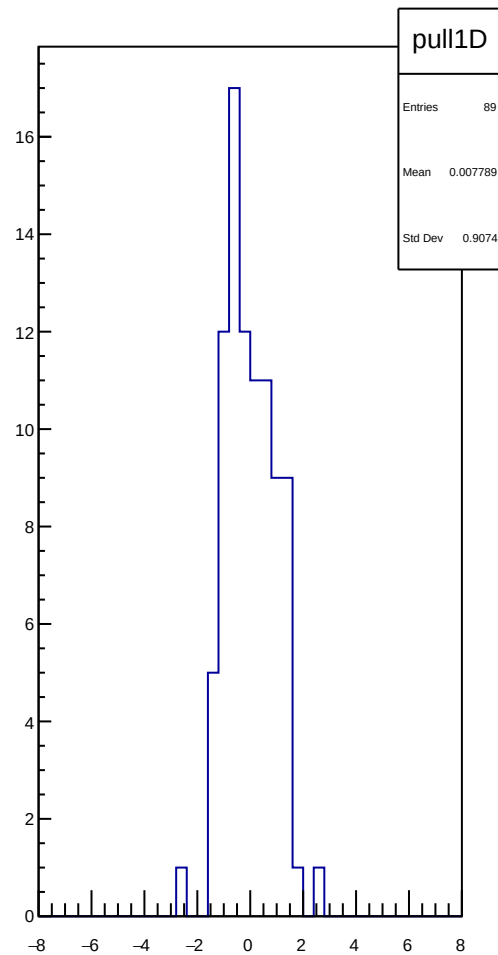
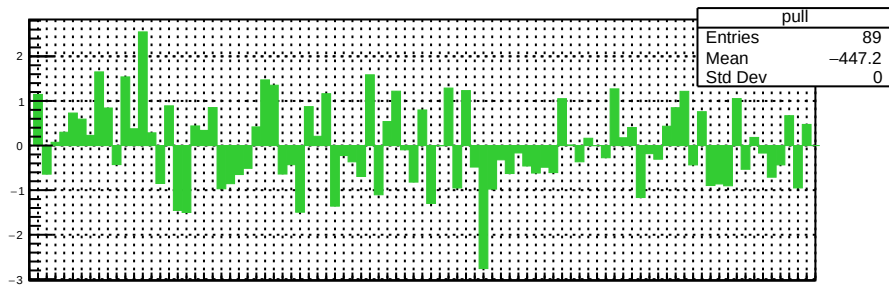
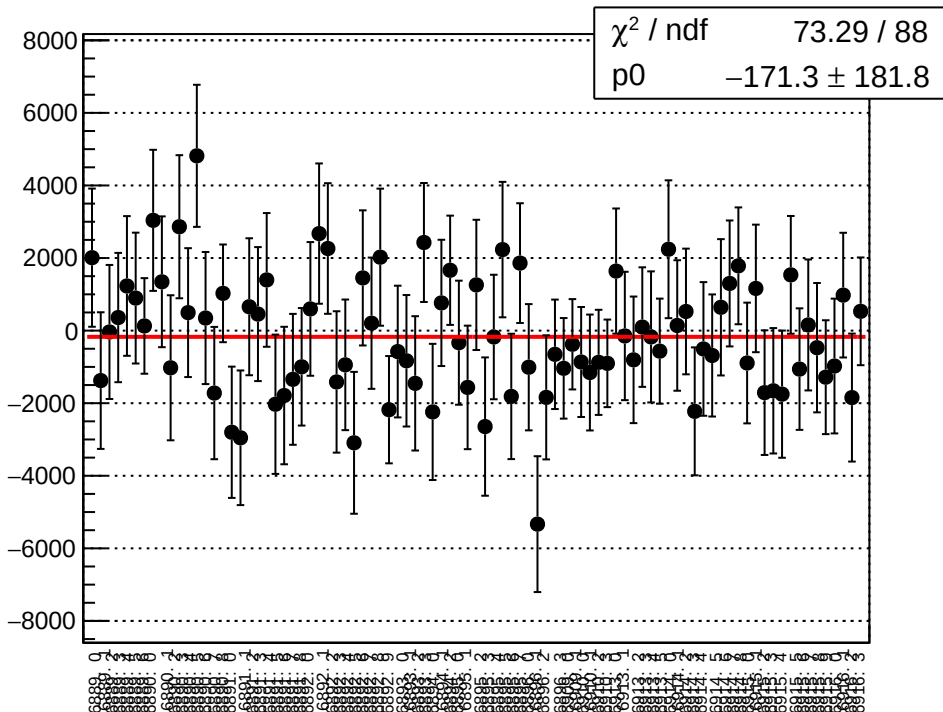
p0

42.16 ± 0.03204

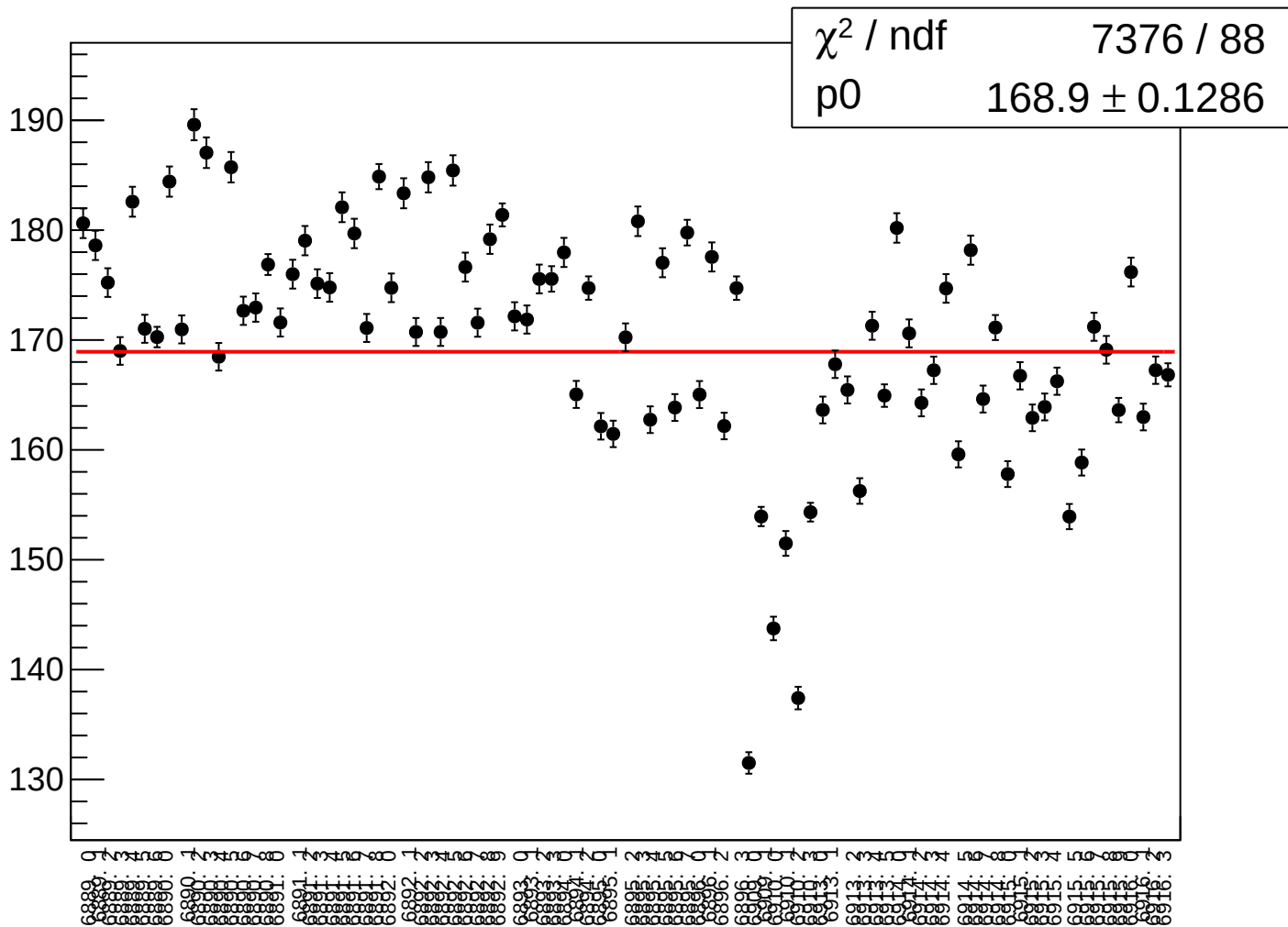


0 100 200 300 400 500 600 700 800 900 1000

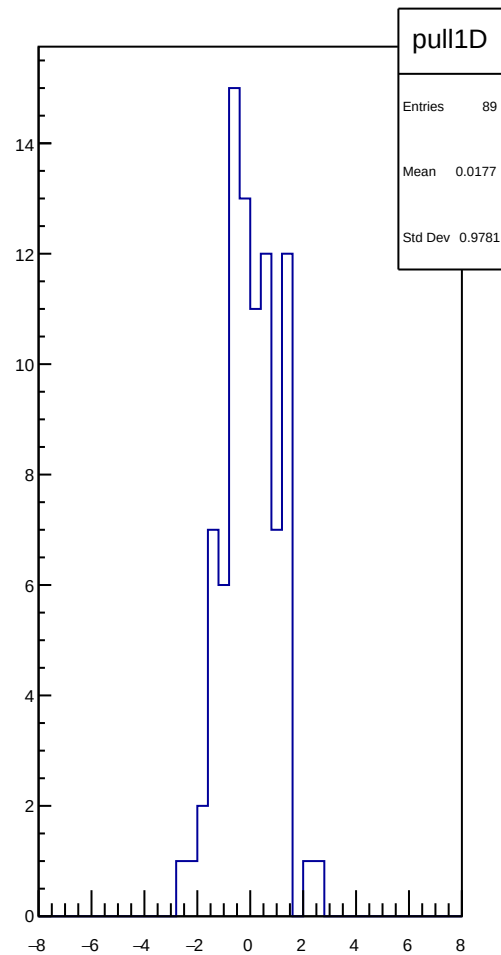
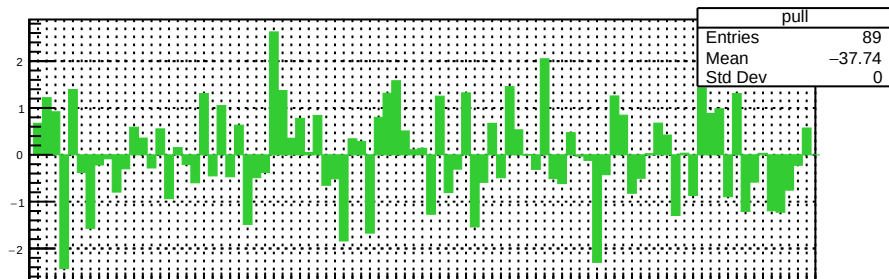
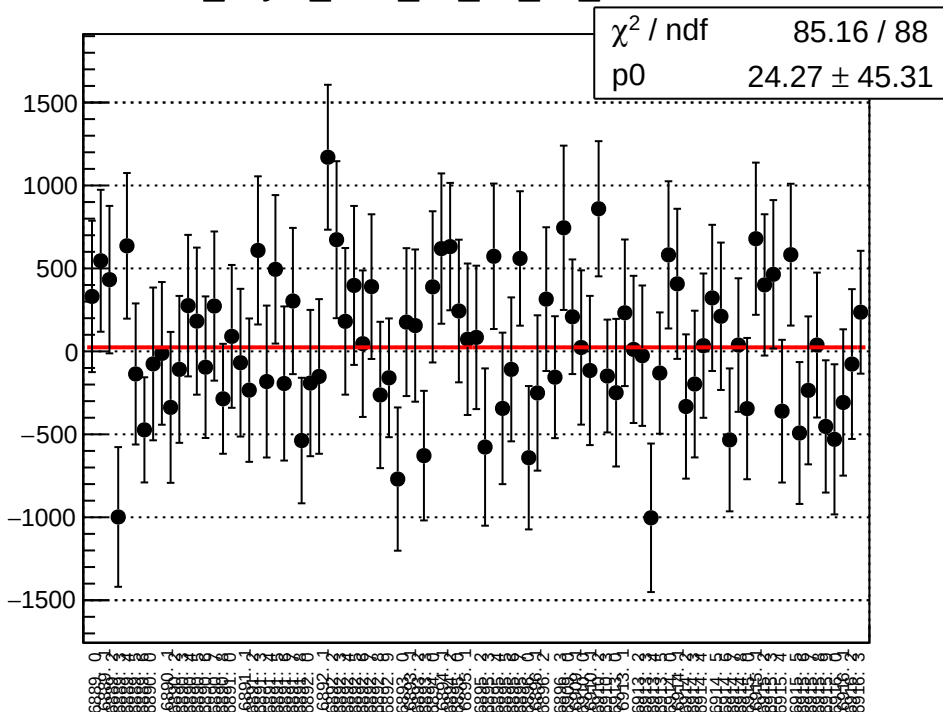
asym_sam_37_26_dd_reg_correction_mean vs run



asym_sam_37_26_dd_reg_correction_rms vs run



cor_asym_sam_37_26_dd_mean vs run



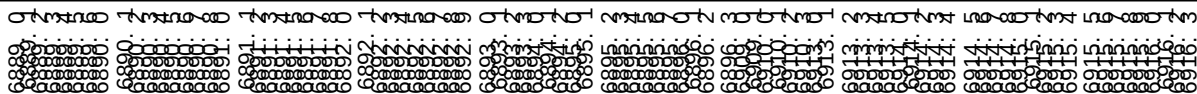
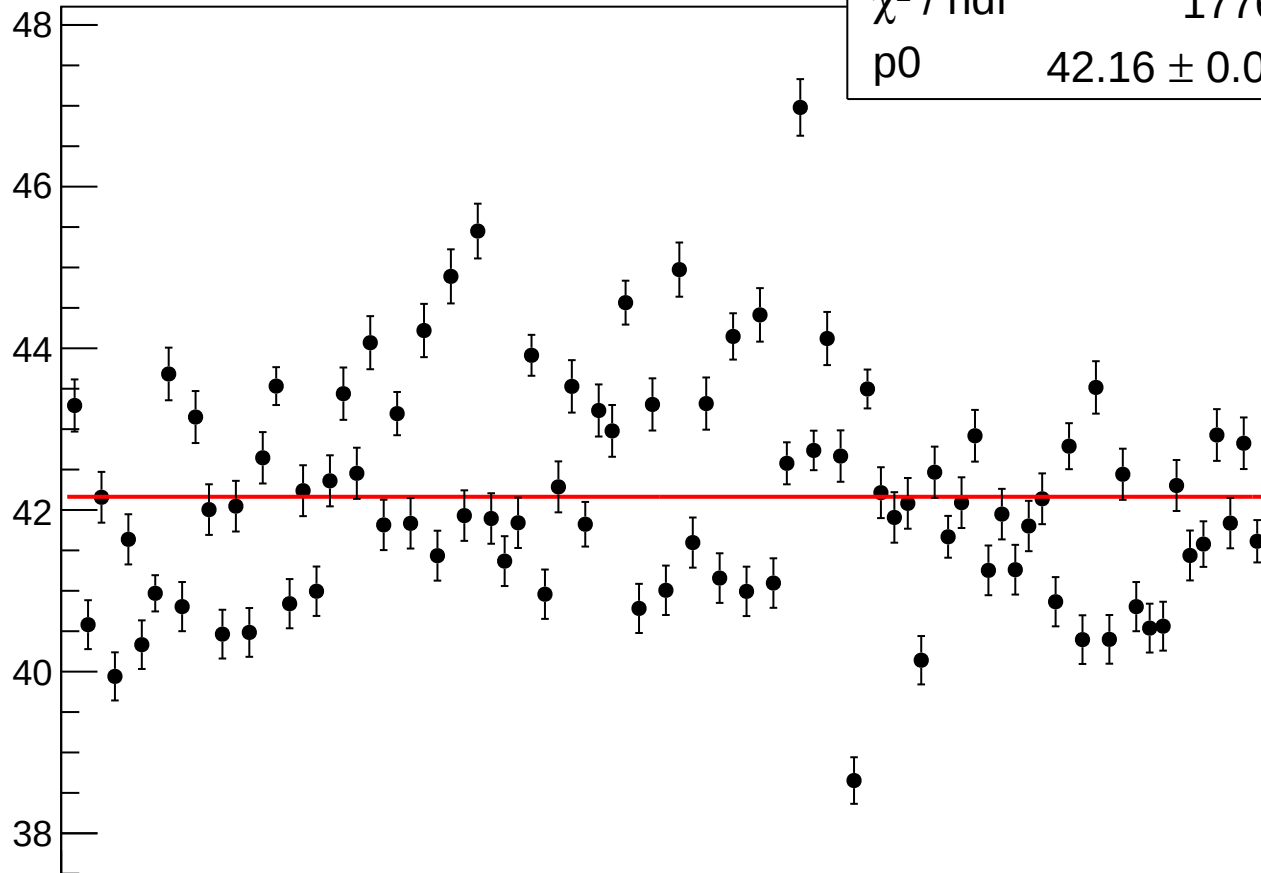
cor_asym_sam_37_26_dd_rms vs run

χ^2 / ndf

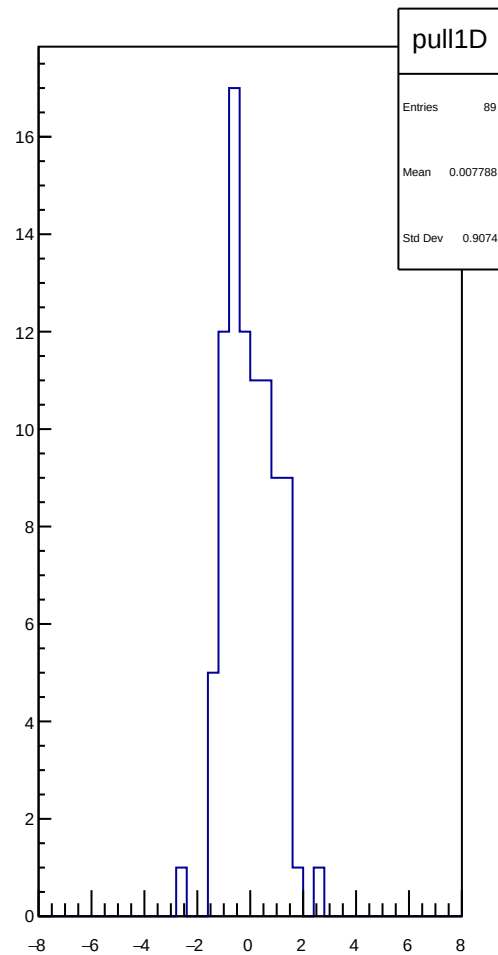
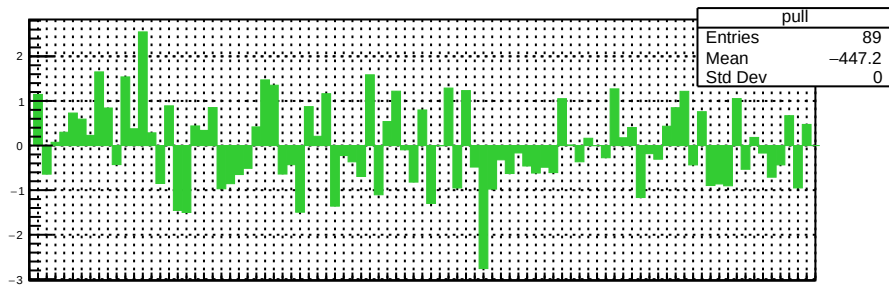
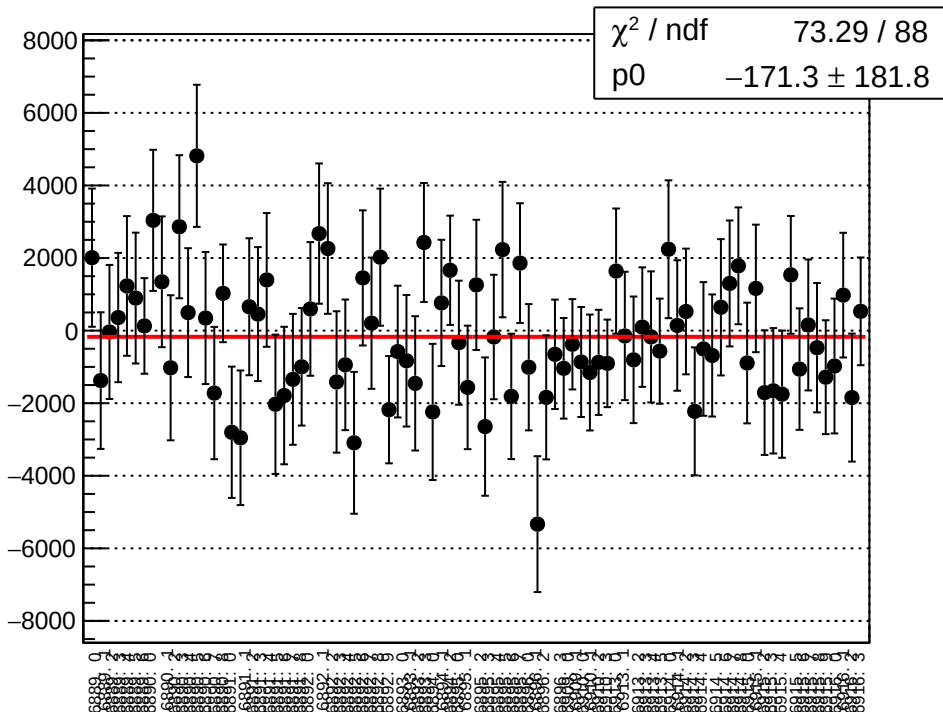
1776 / 88

p0

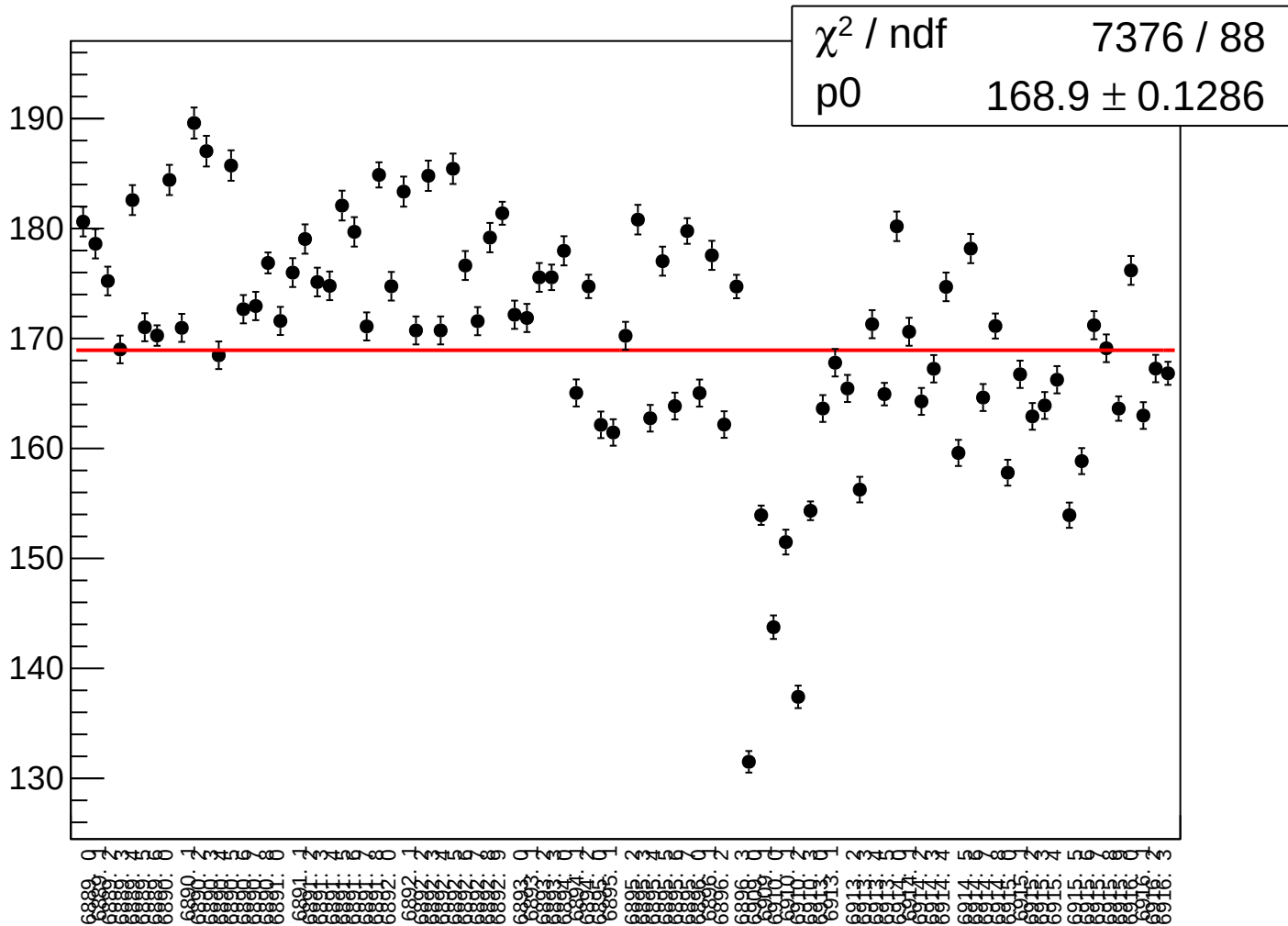
42.16 ± 0.03204



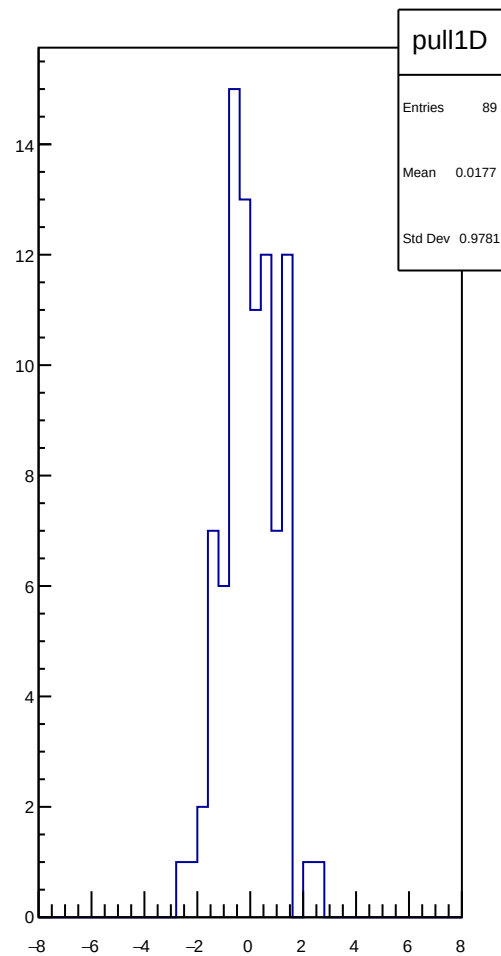
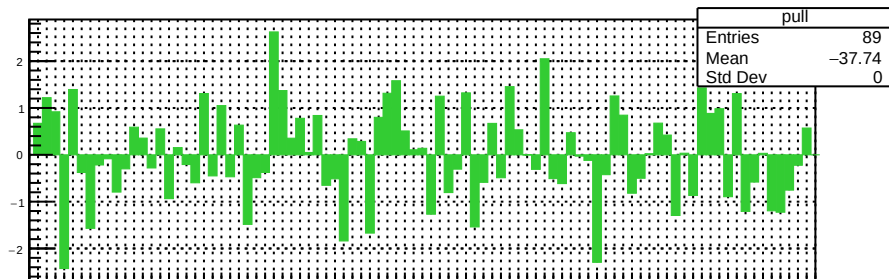
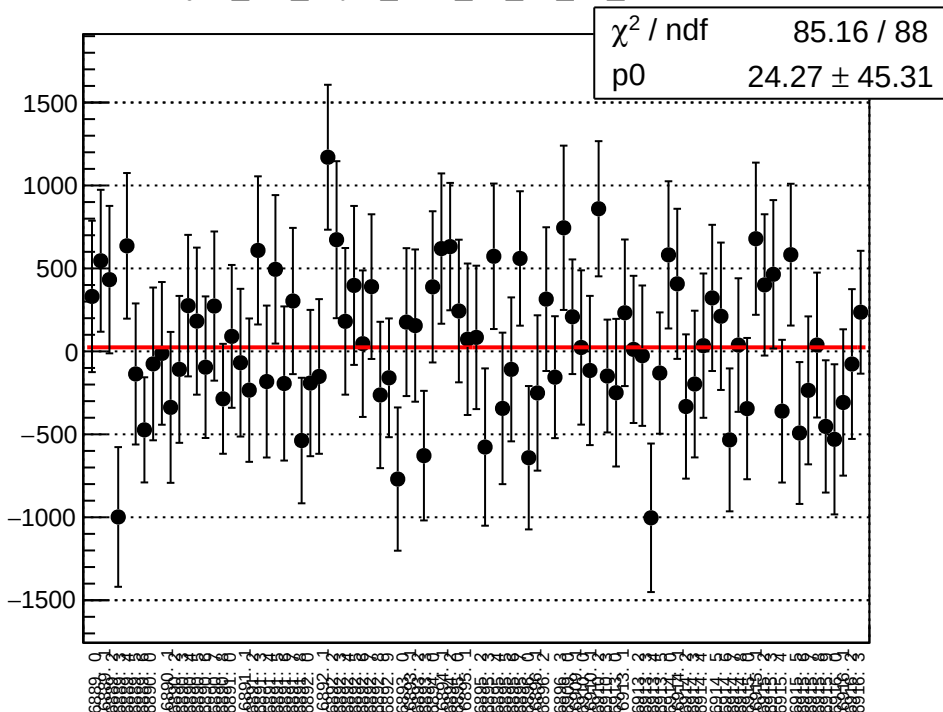
asym_sam_37_26_dd_cor_correction_mean vs run



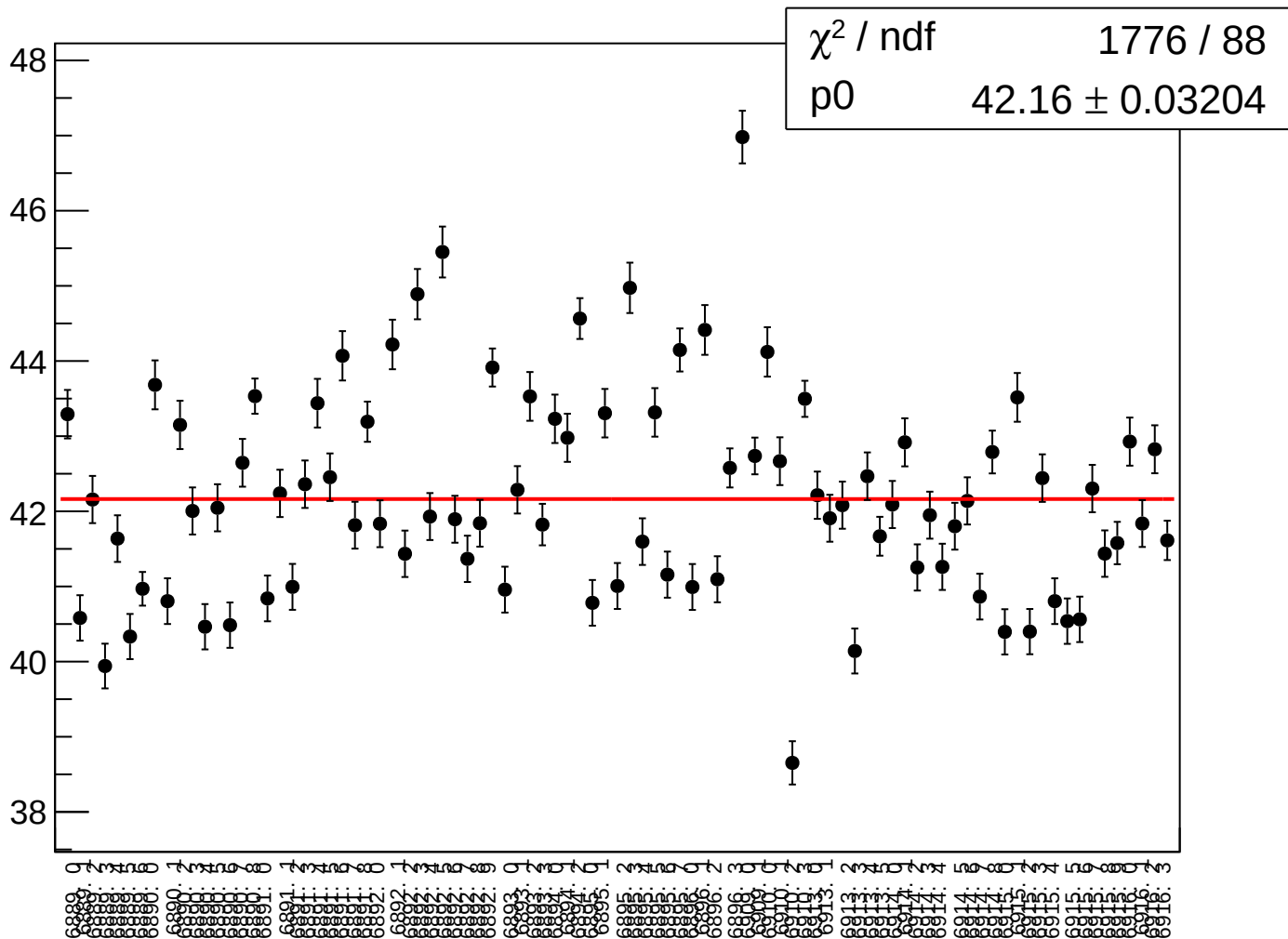
asym_sam_37_26_dd_cor_correction_rms vs run



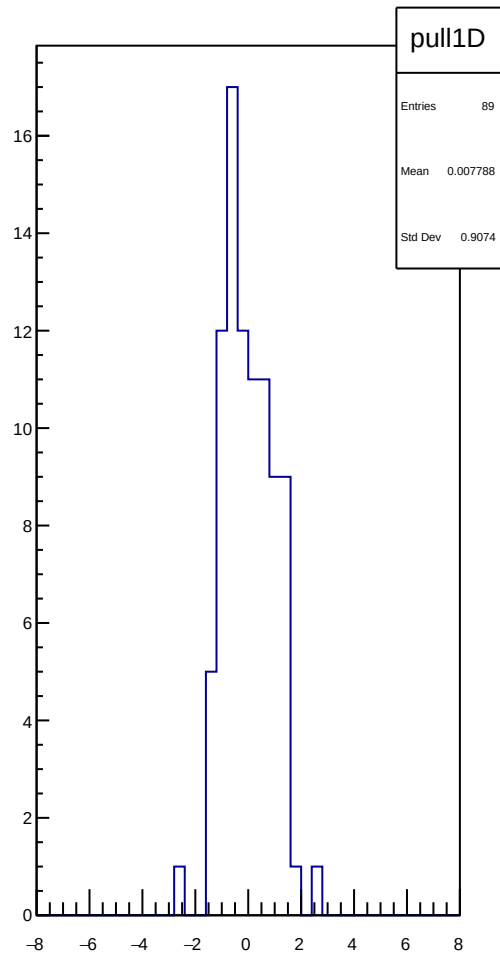
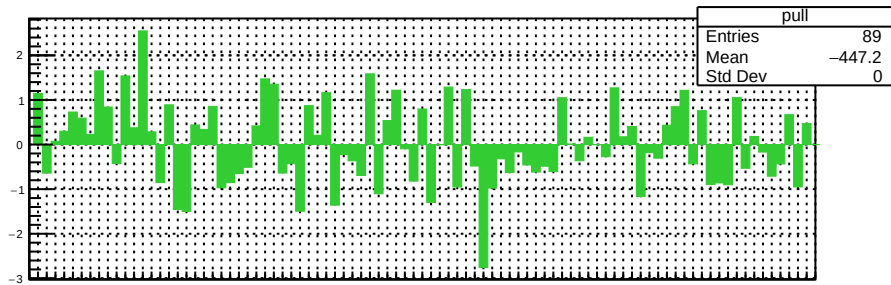
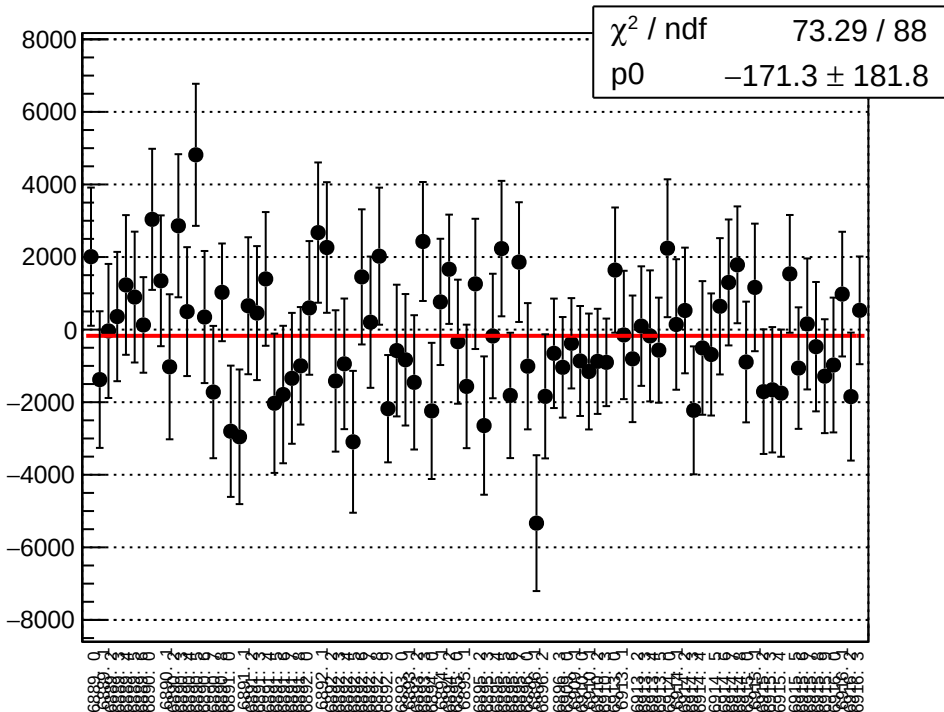
eigen_cor_asym_sam_37_26_dd_mean vs run



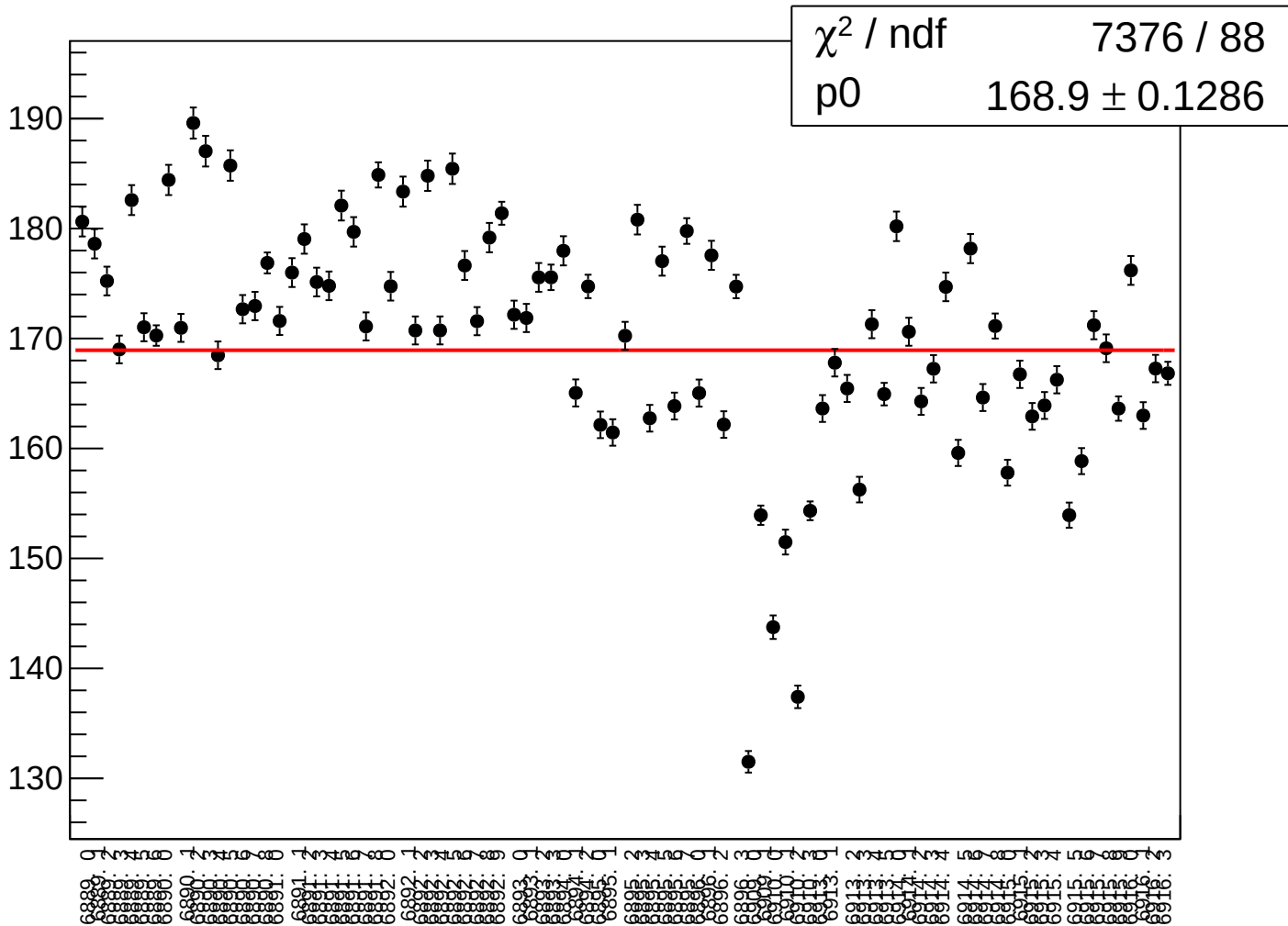
eigen_cor_asym_sam_37_26_dd_rms vs run



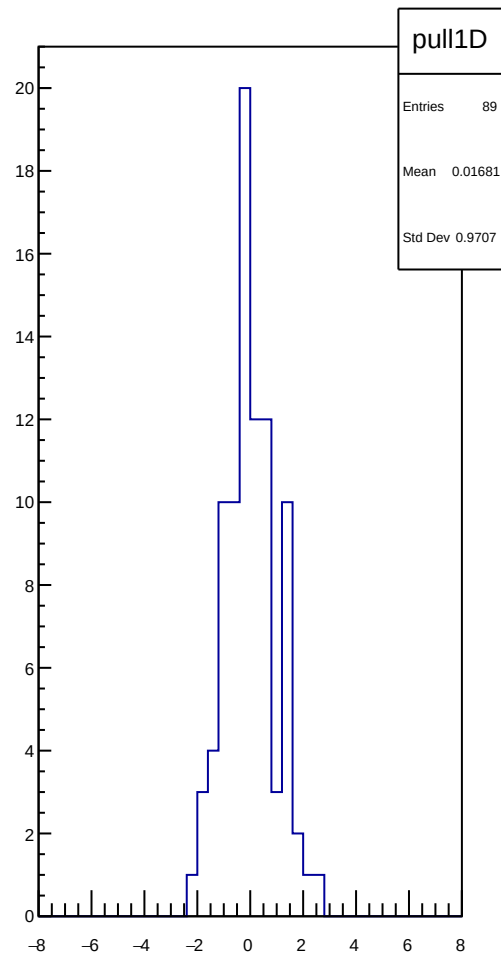
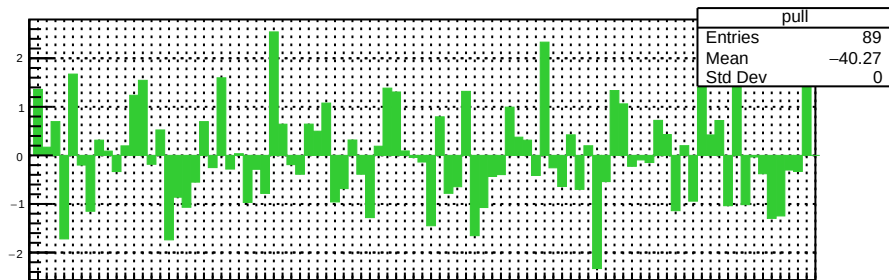
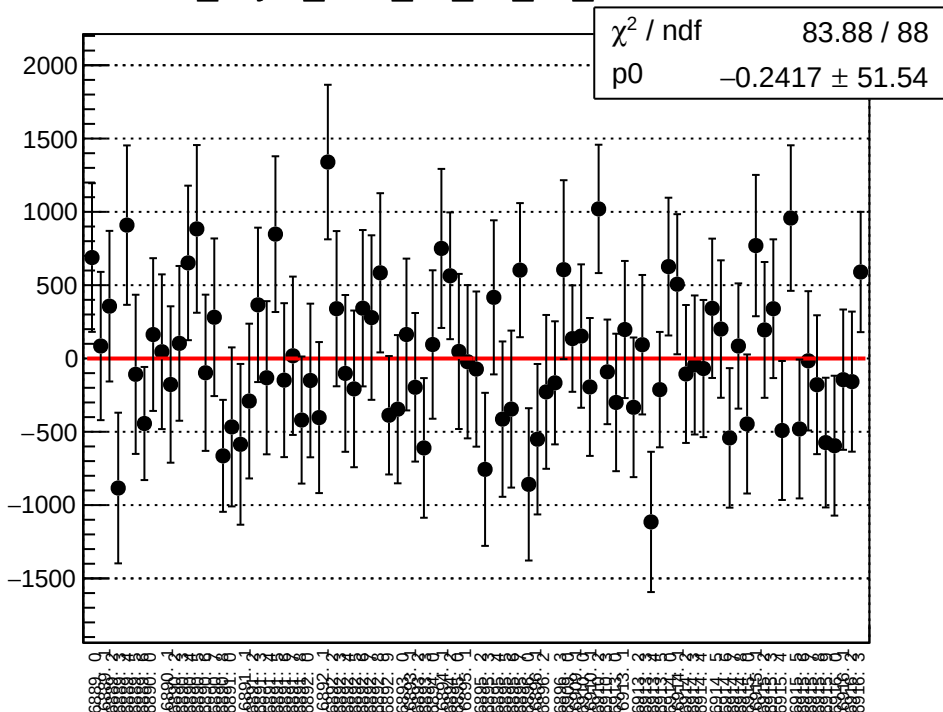
asym sam 37 26 dd eigen cor correction mean vs run



asym_sam_37_26_dd_eigen_cor_correction_rms vs run



dit_asym_sam_37_26_dd_mean vs run



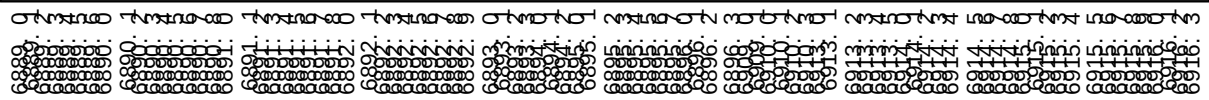
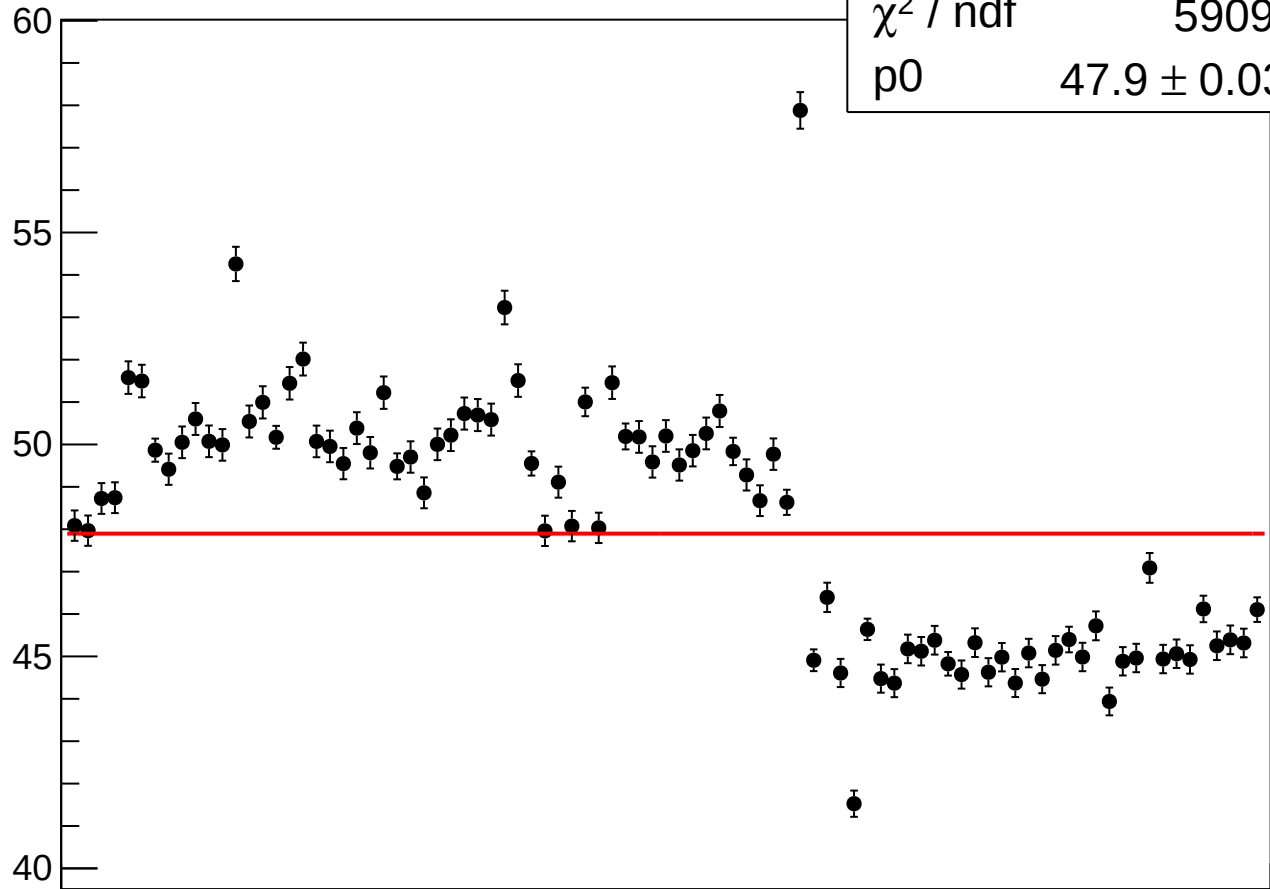
dit_asym_sam_37_26_dd_rms vs run

χ^2 / ndf

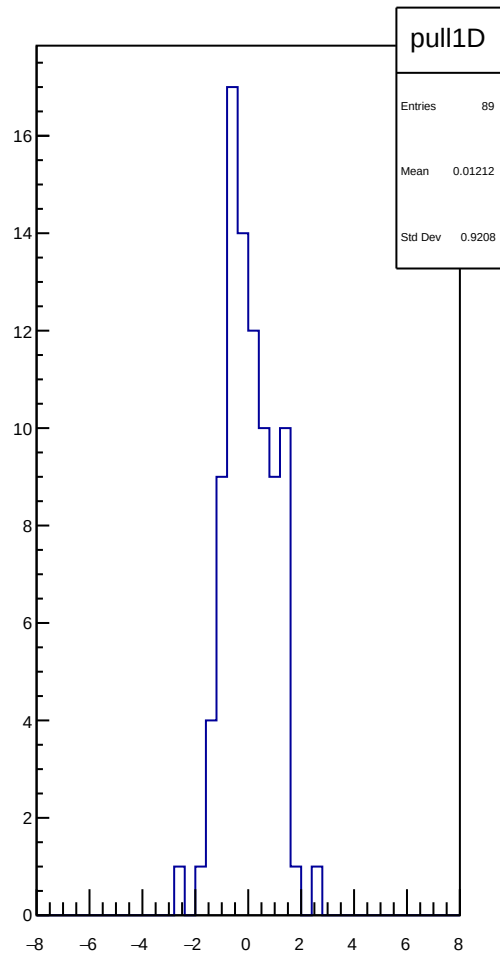
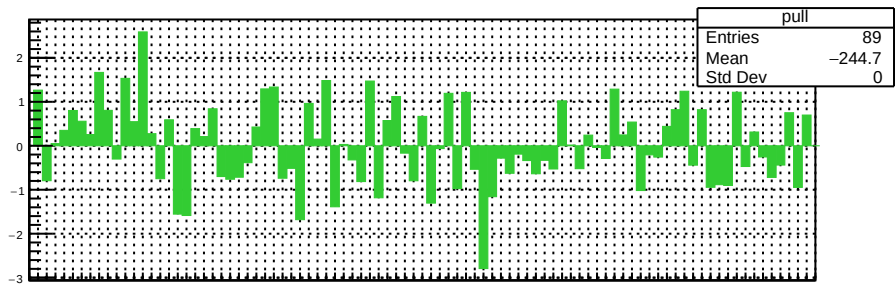
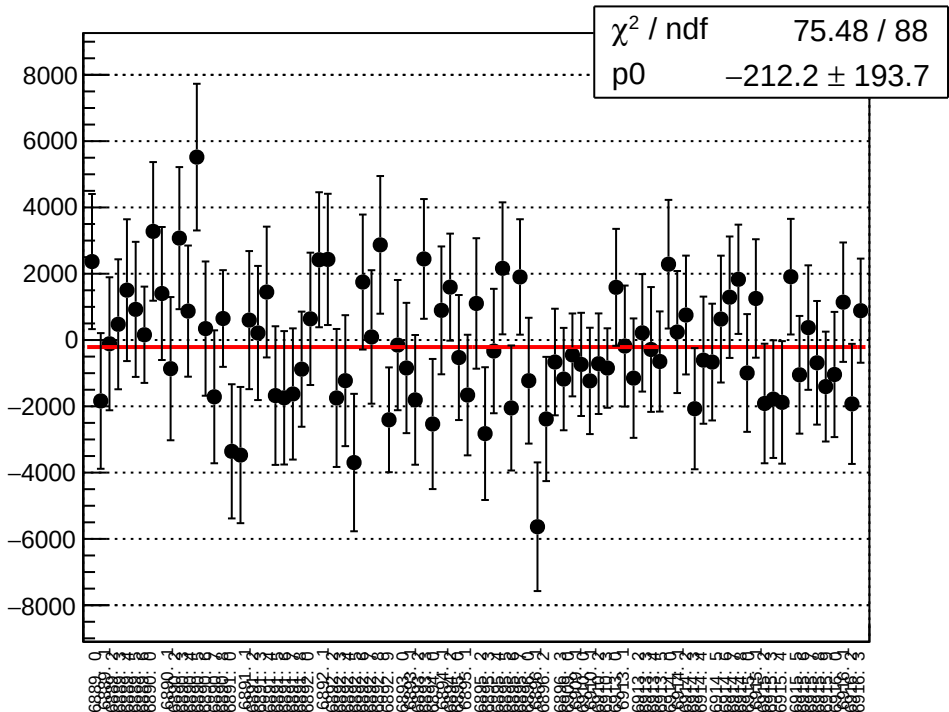
5909 / 88

p0

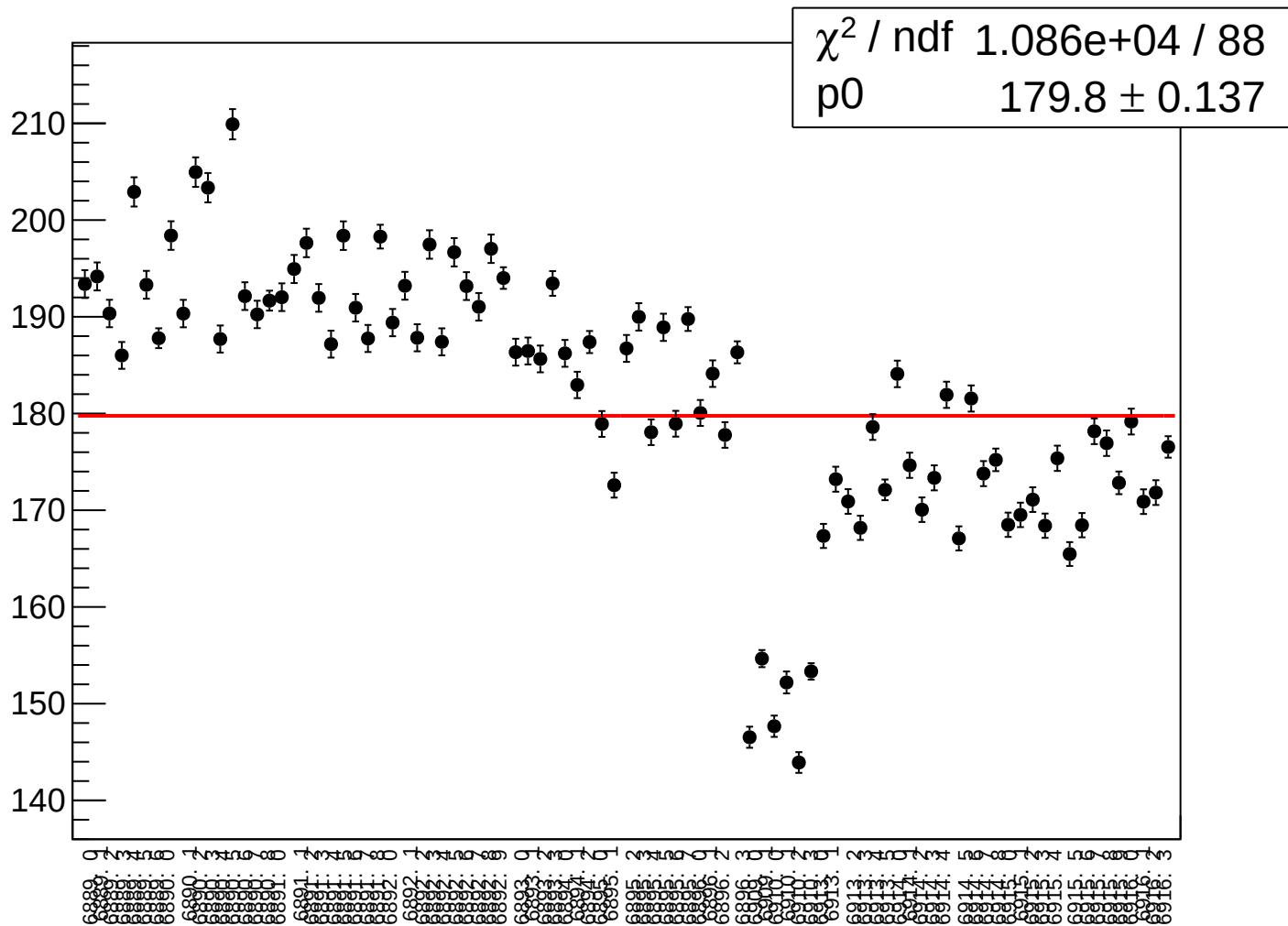
47.9 ± 0.03644



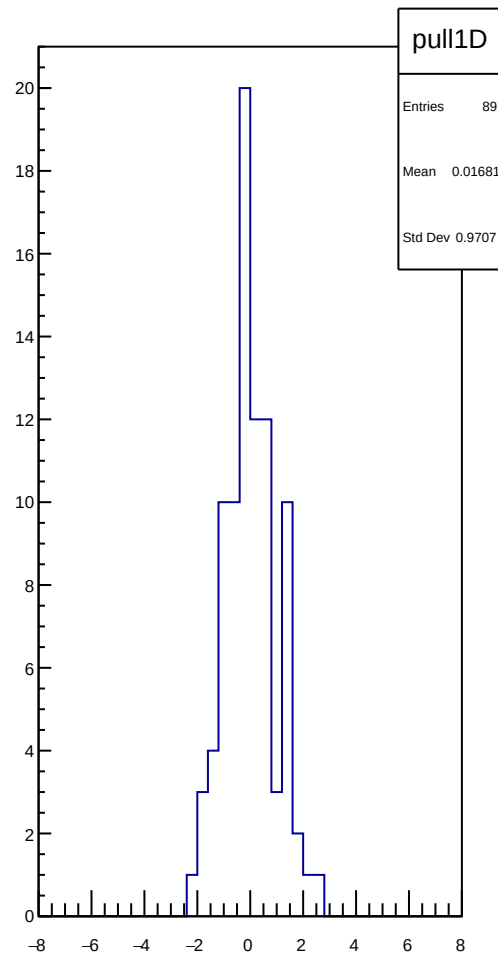
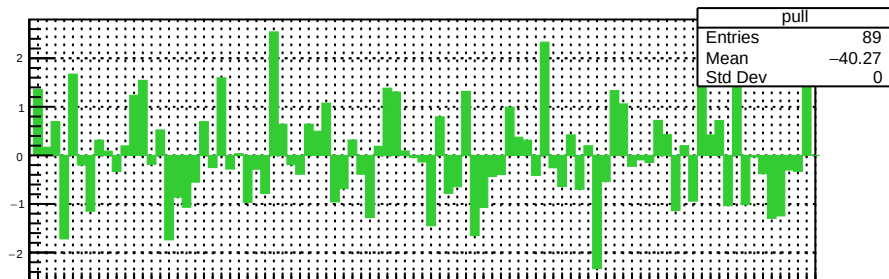
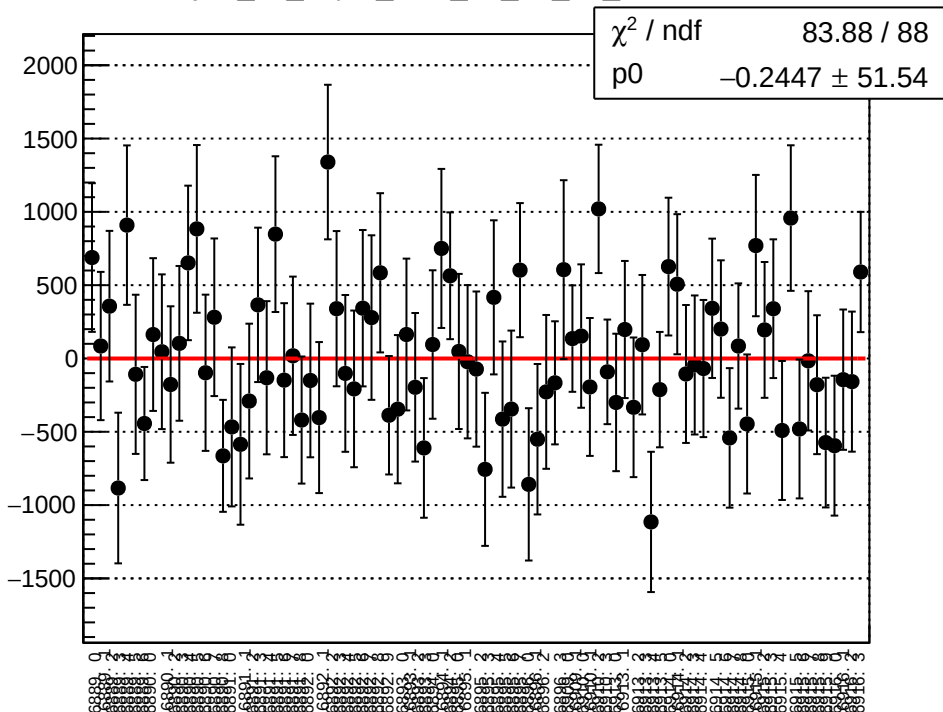
asym_sam_37_26_dd_dit_correction_mean vs run



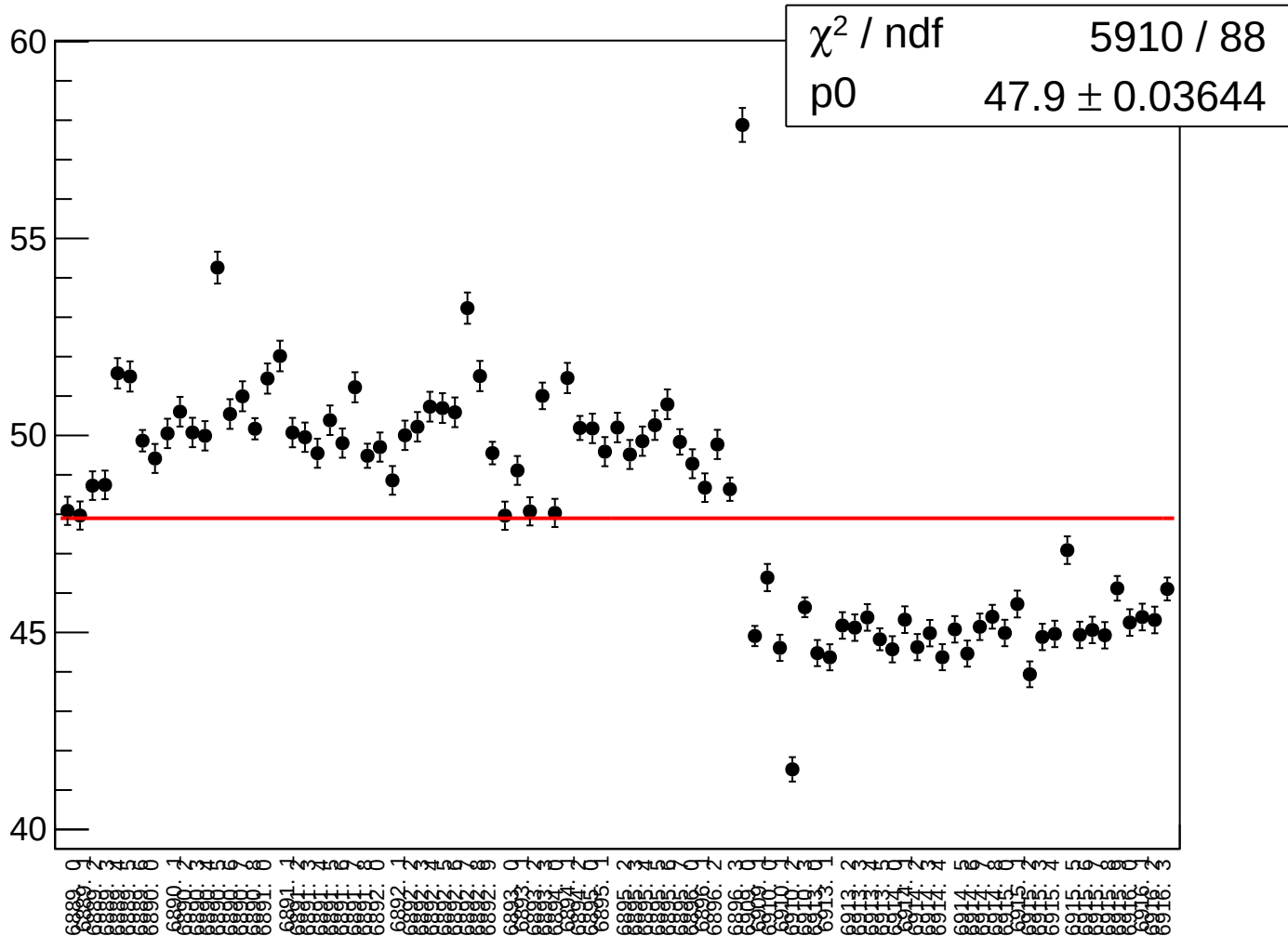
asym_sam_37_26_dd_dit_correction_rms vs run



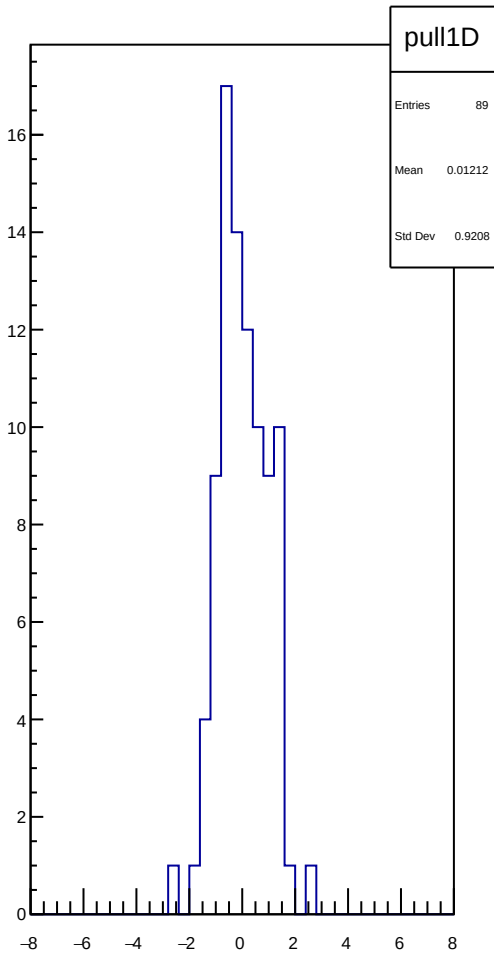
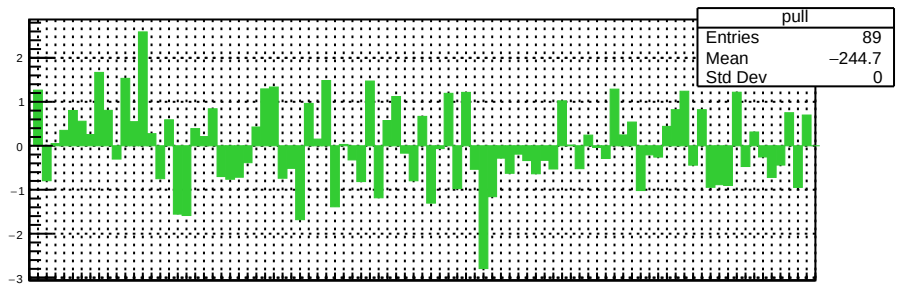
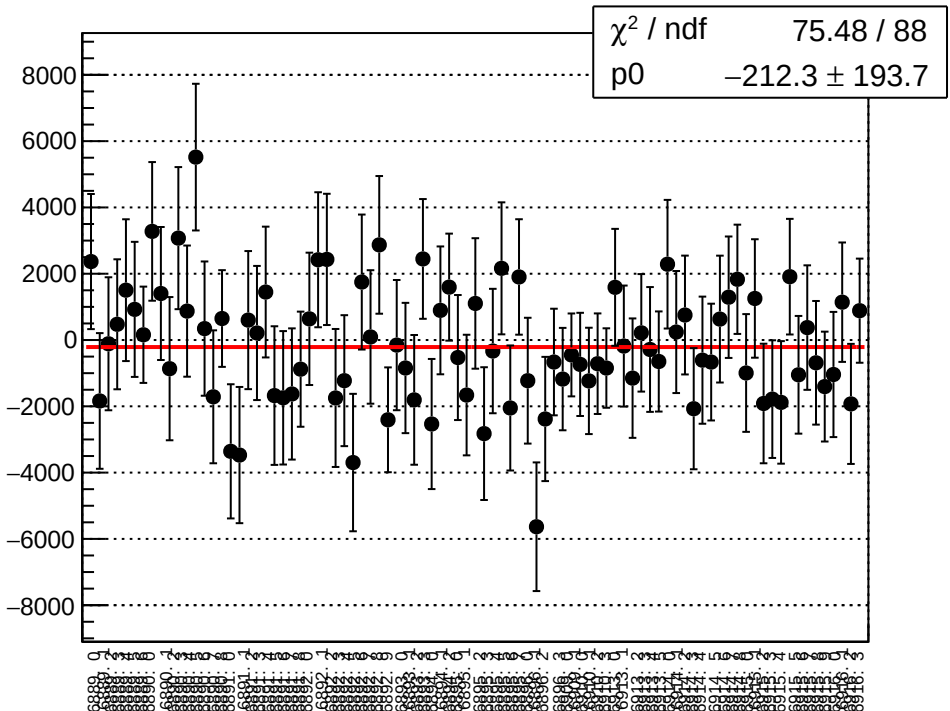
eigen_dit_asym_sam_37_26_dd_mean vs run



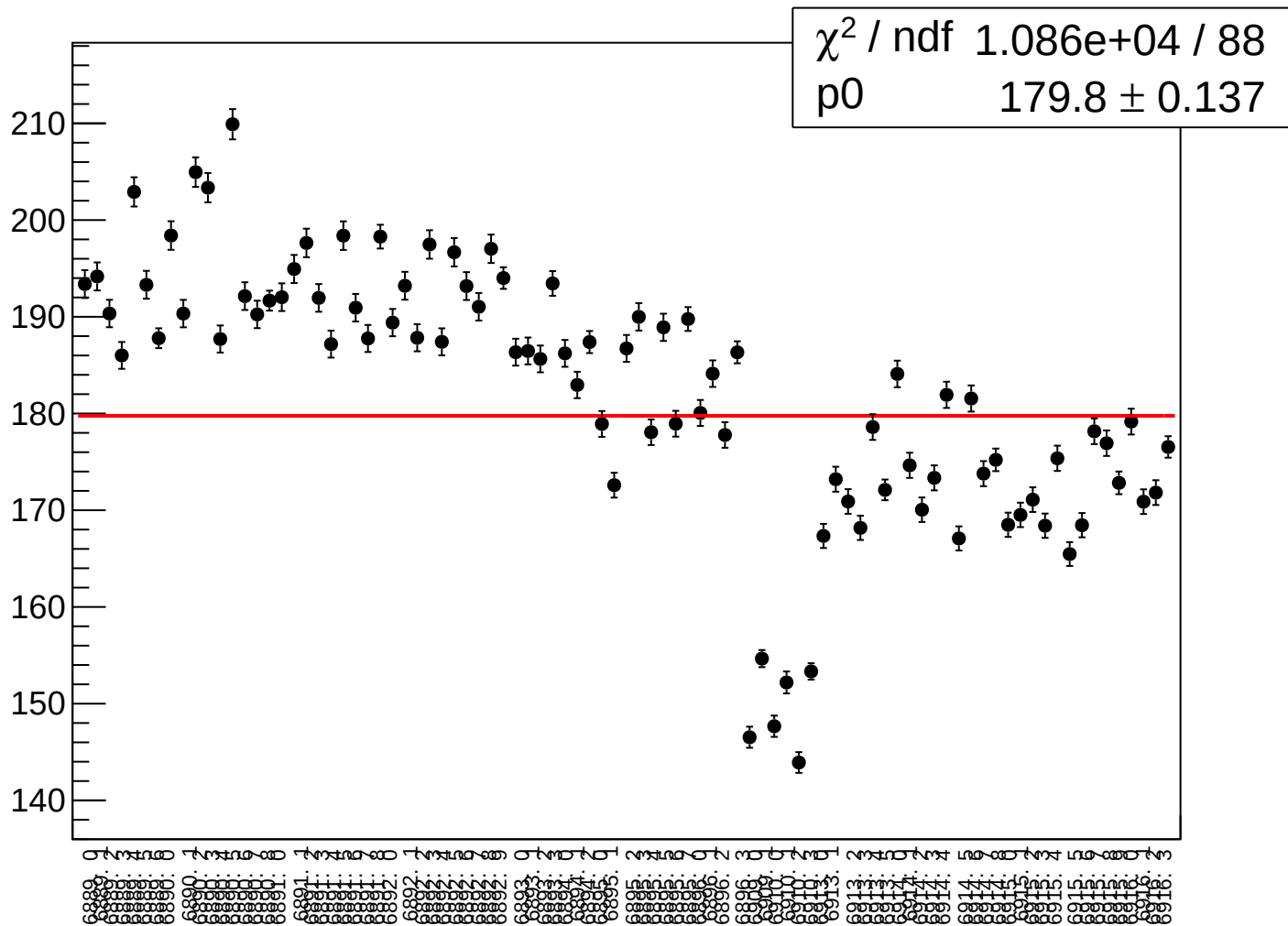
eigen_dit_asym_sam_37_26_dd_rms vs run



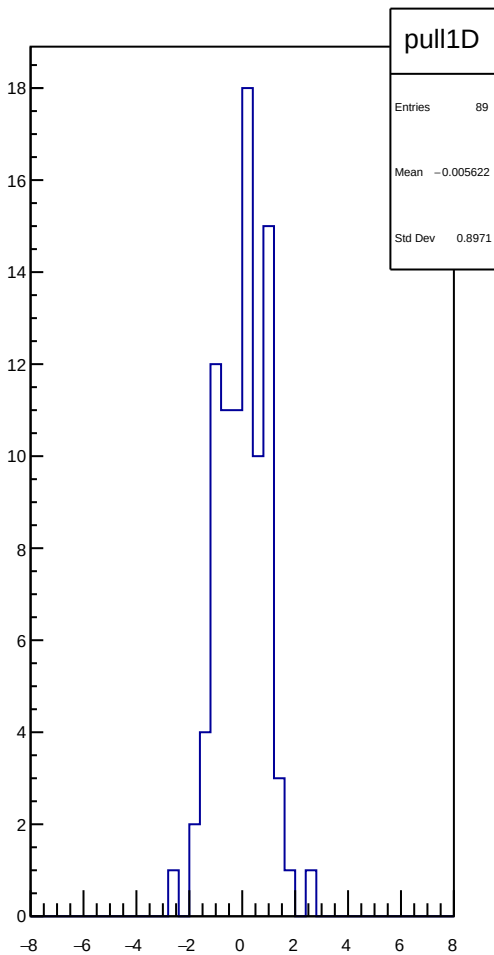
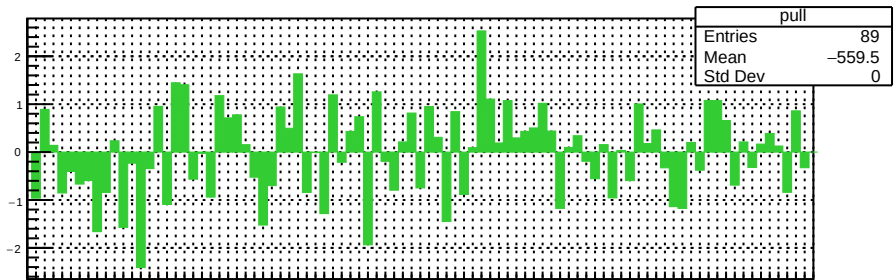
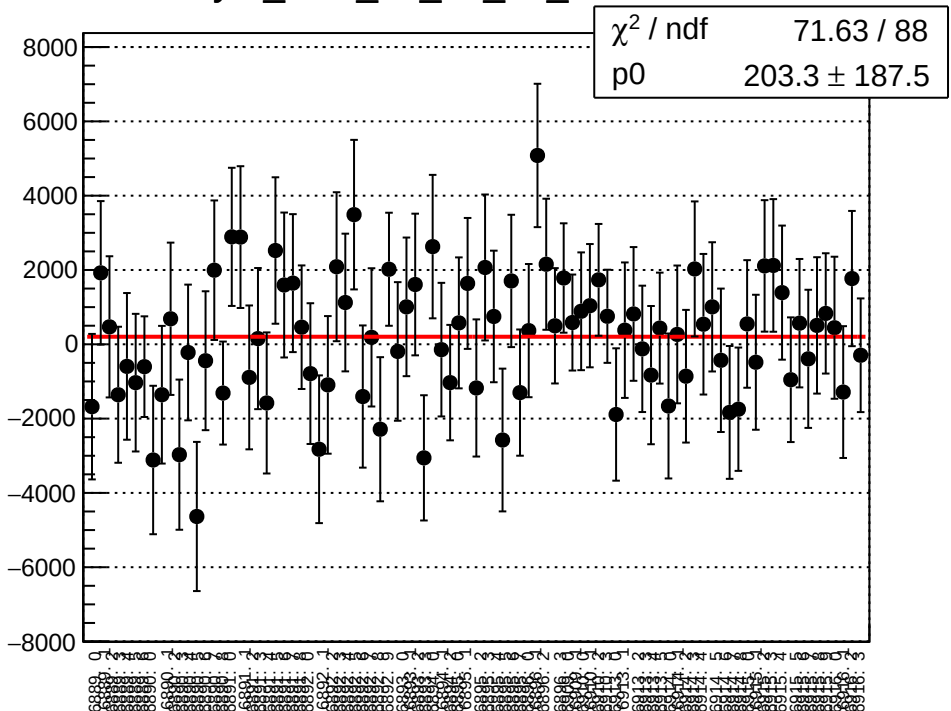
asym_sam_37_26_dd_eigen_dit_correction_mean vs run



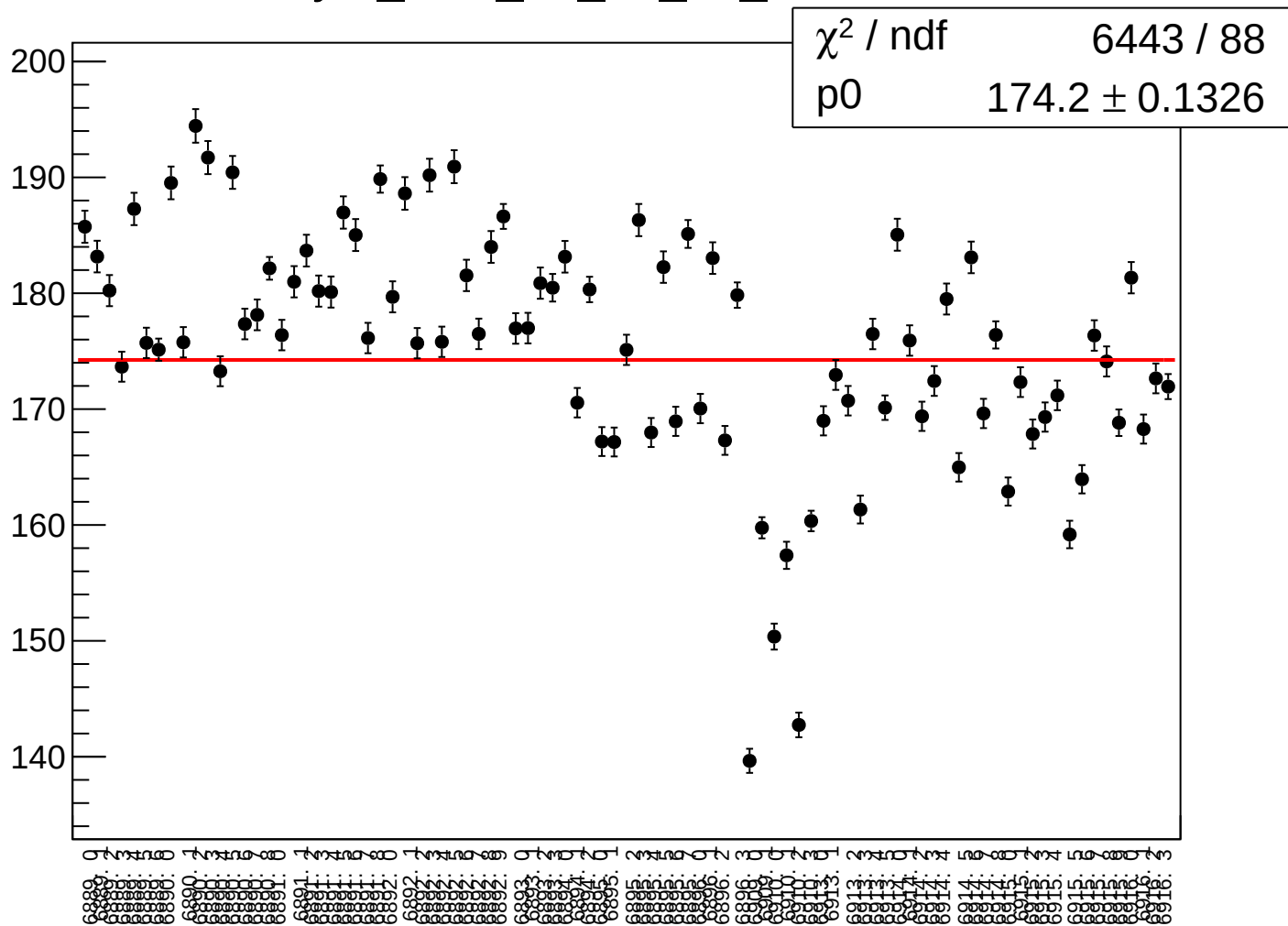
asym_sam_37_26_dd_eigen_dit_correction_rms vs run



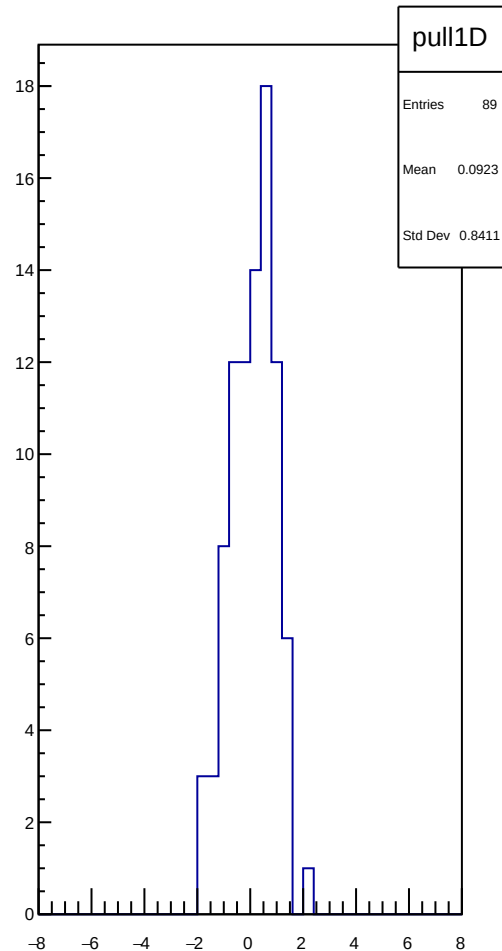
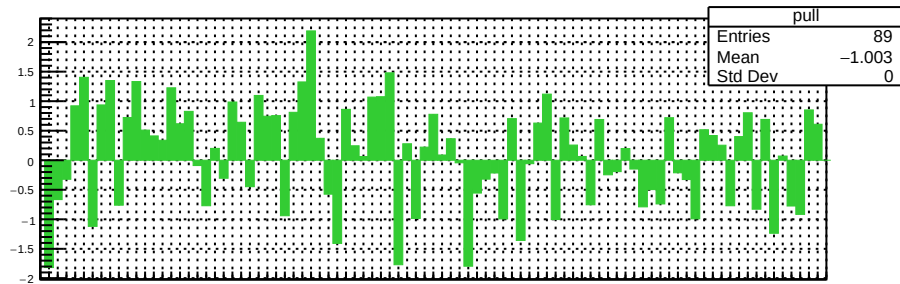
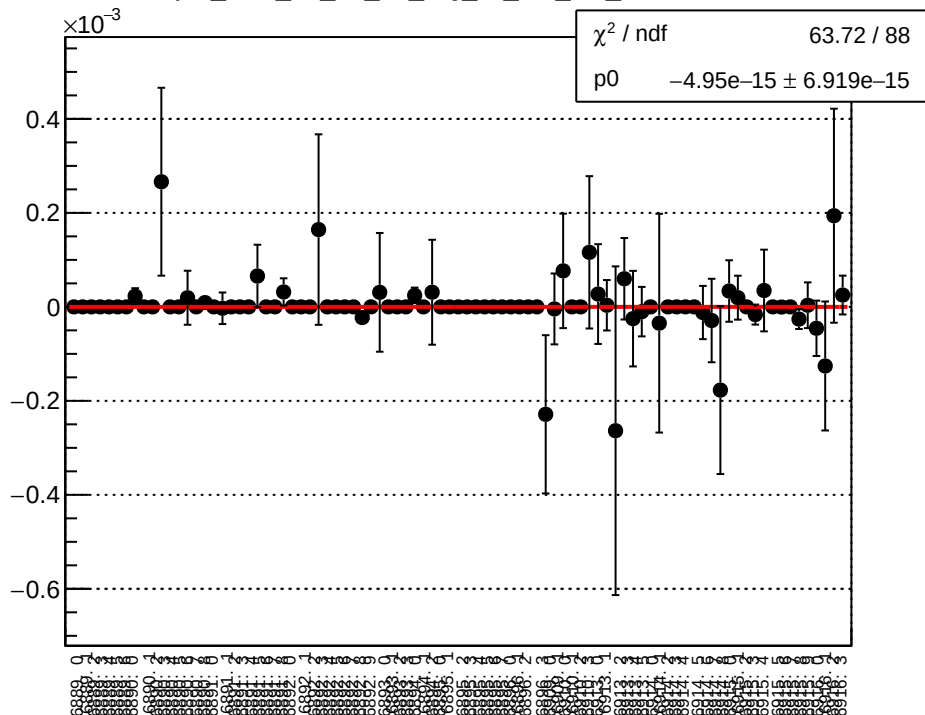
asym_sam_37_26_dd_mean vs run



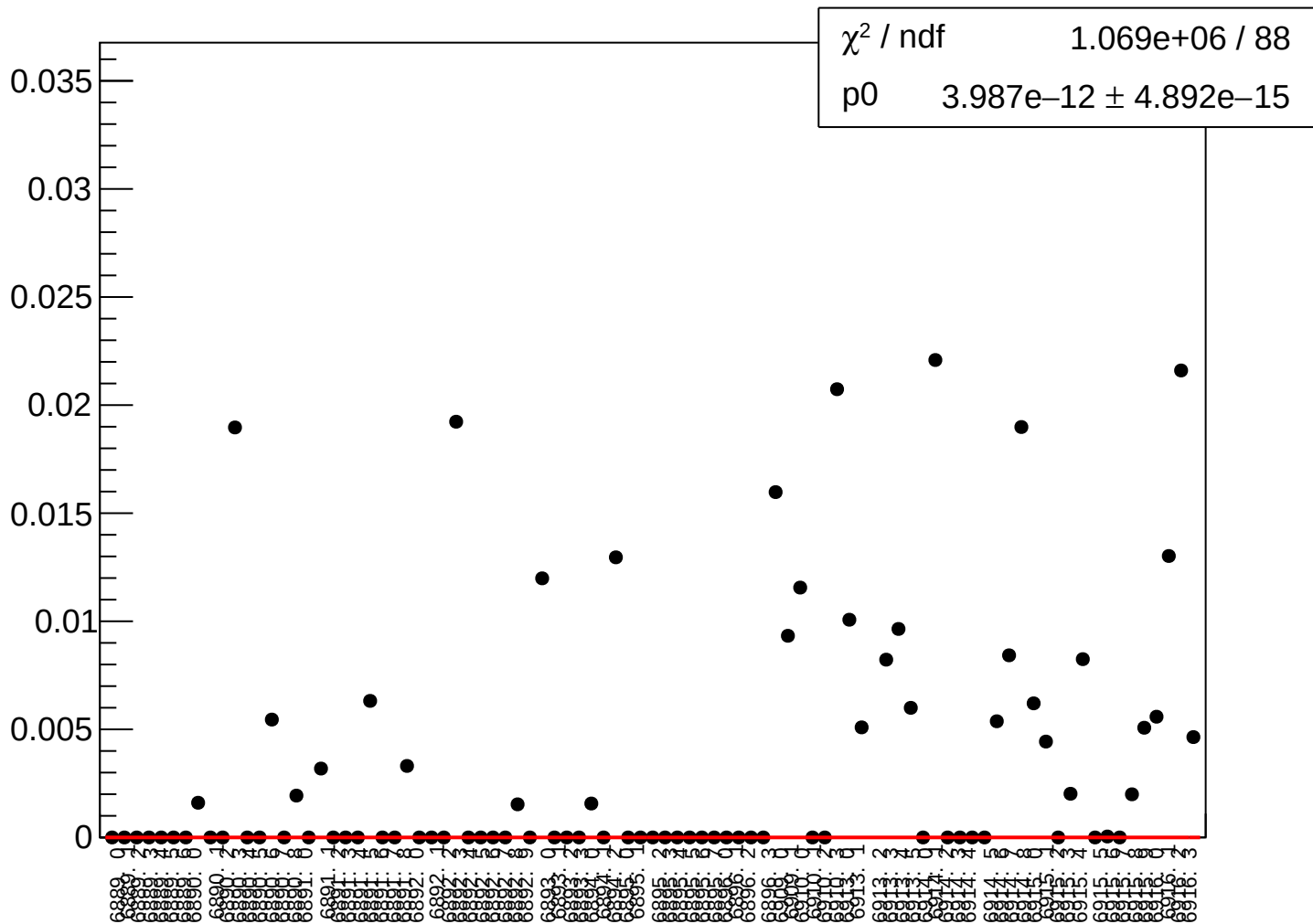
asym_sam_37_26_dd_rms vs run



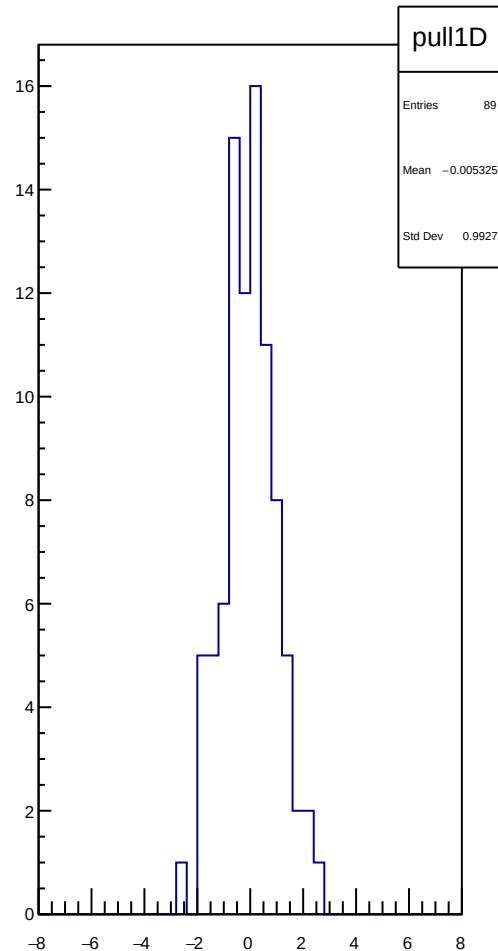
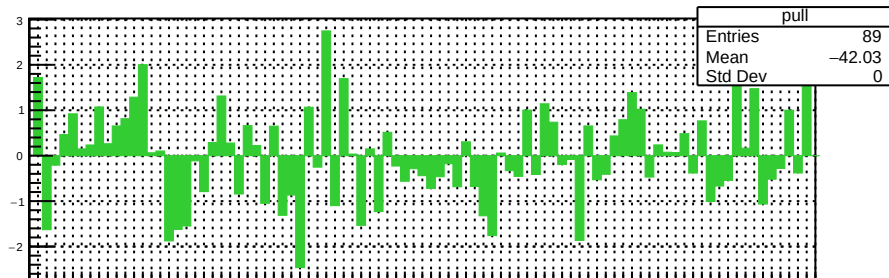
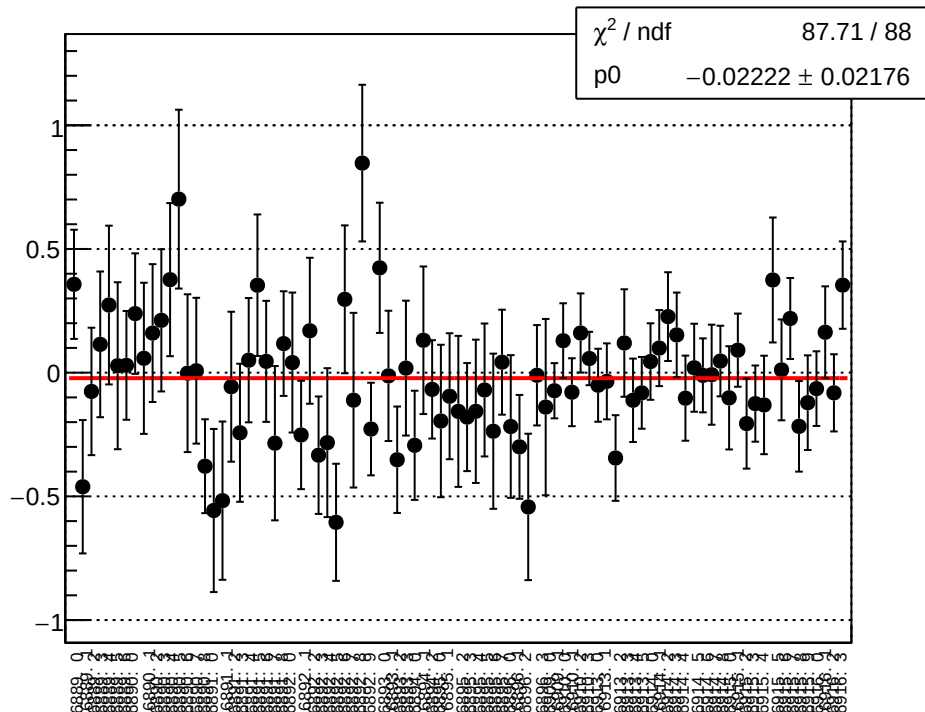
asym_sam_37_26_dd_reg_vs_cor_diff_mean vs run



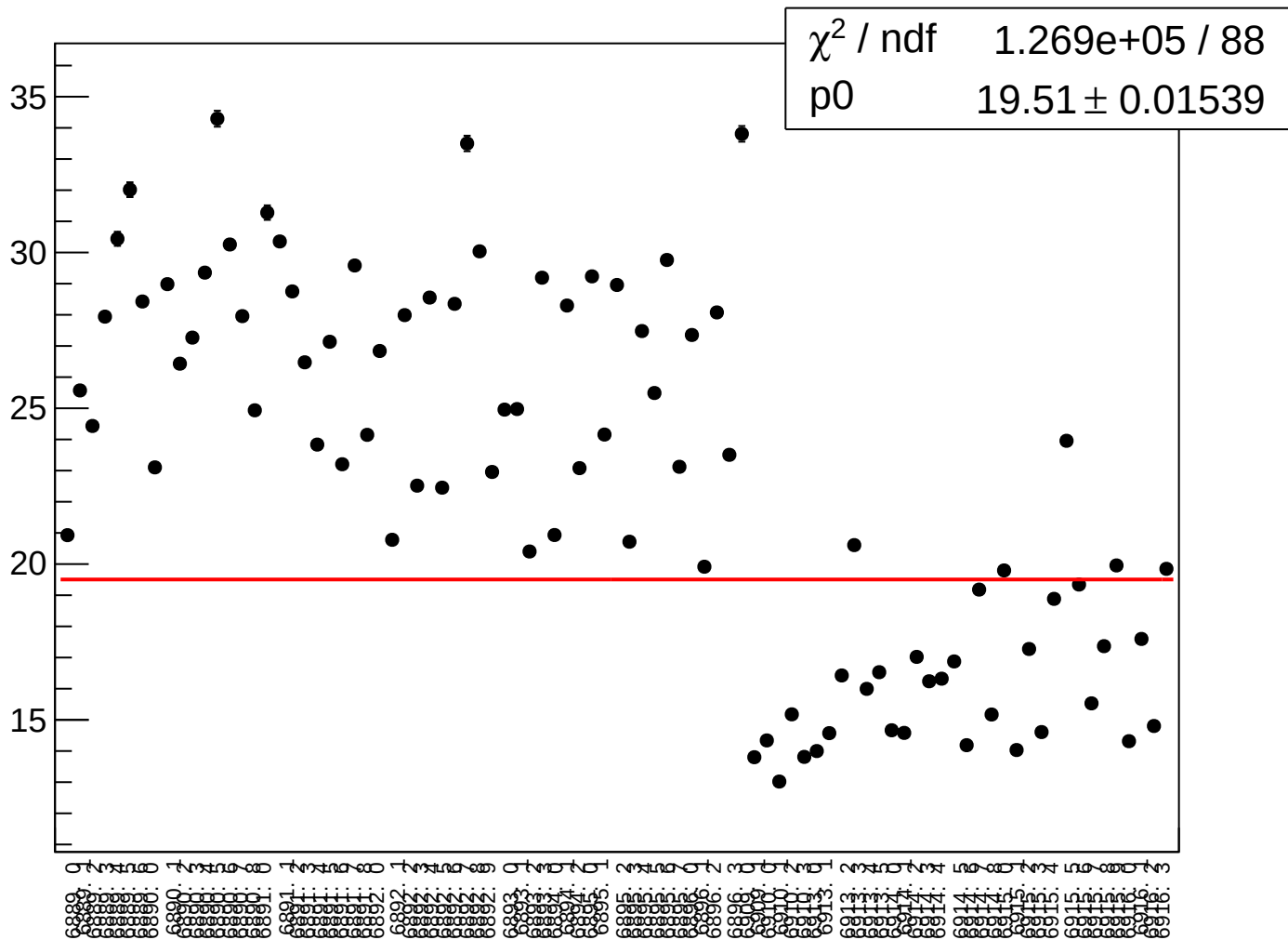
asym_sam_37_26_dd_reg_vs_cor_diff_rms vs run



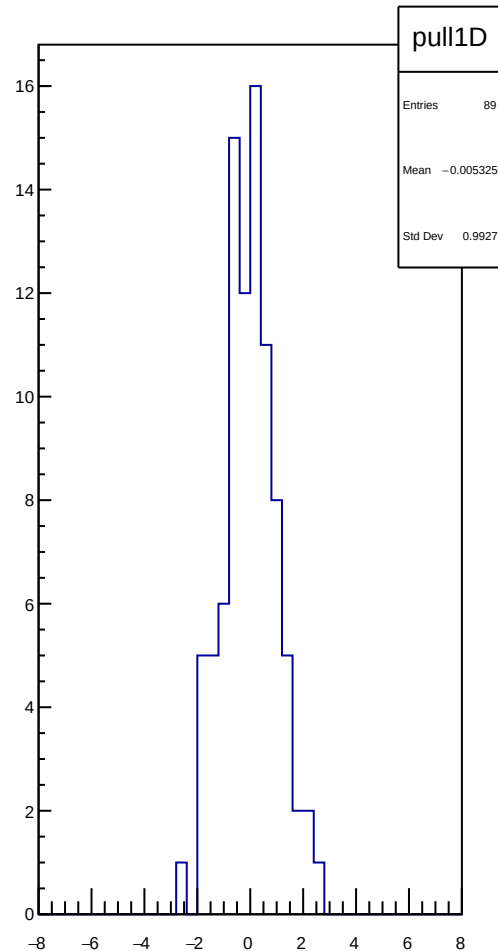
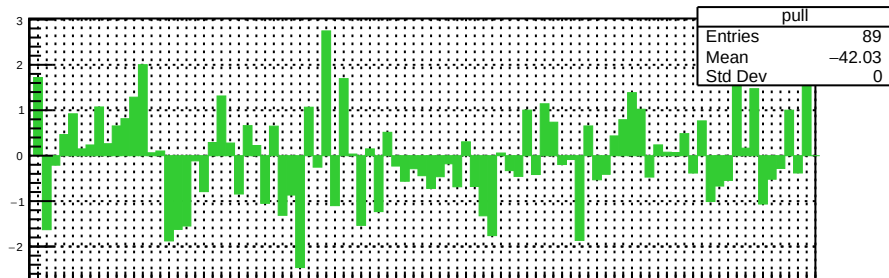
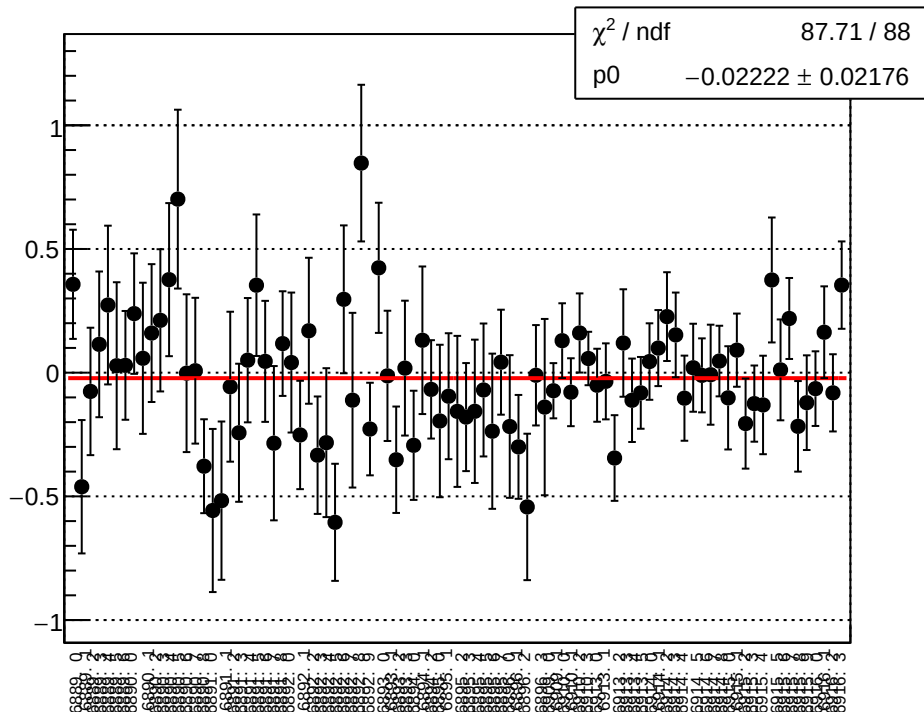
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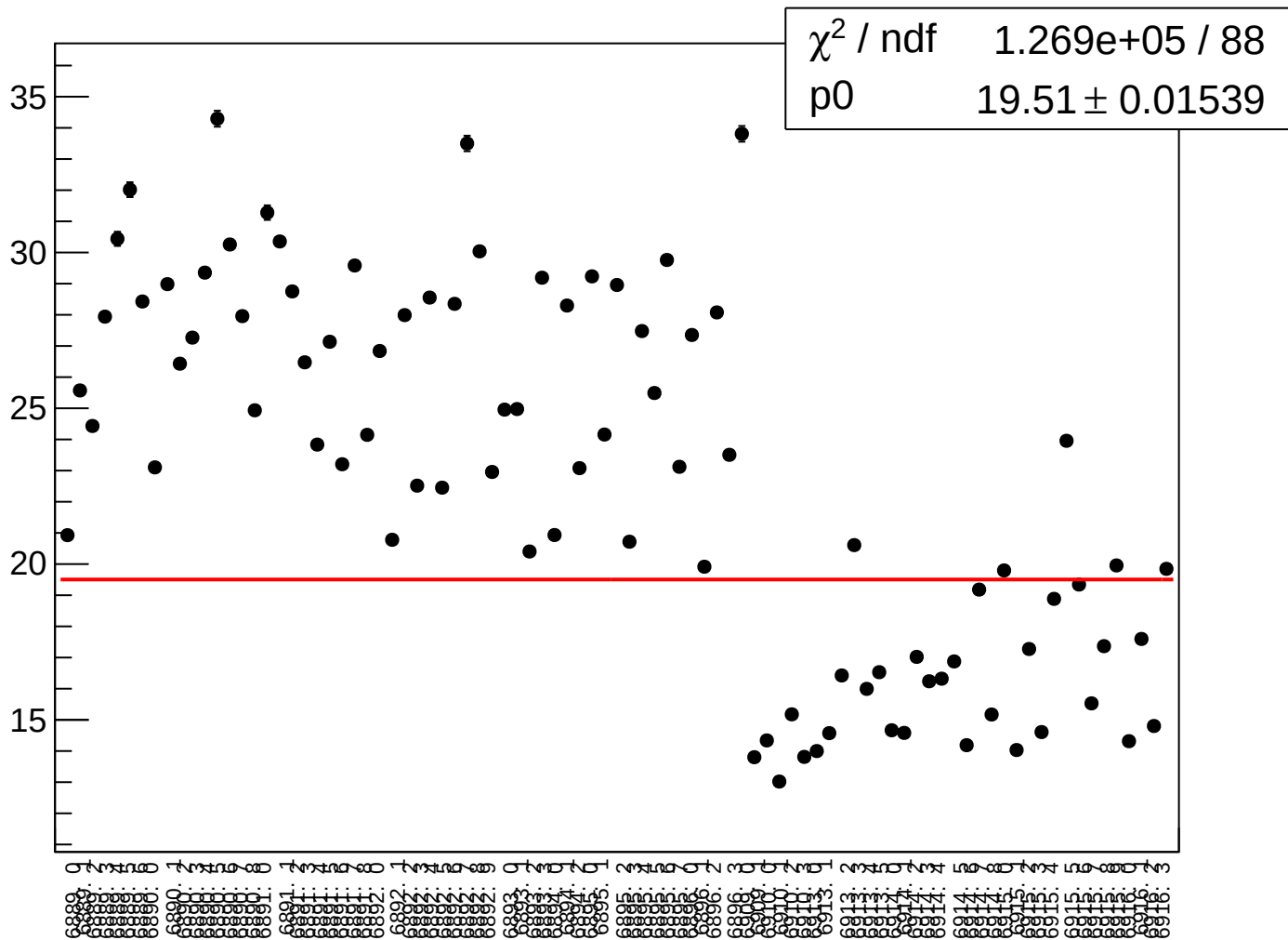
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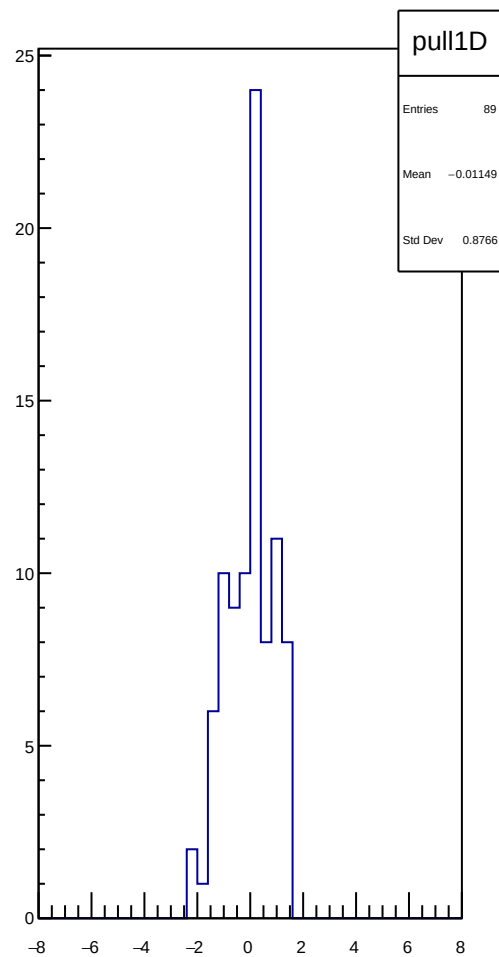
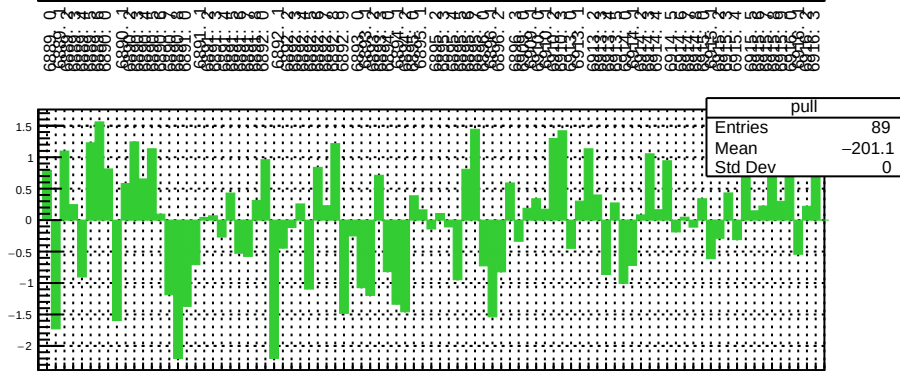
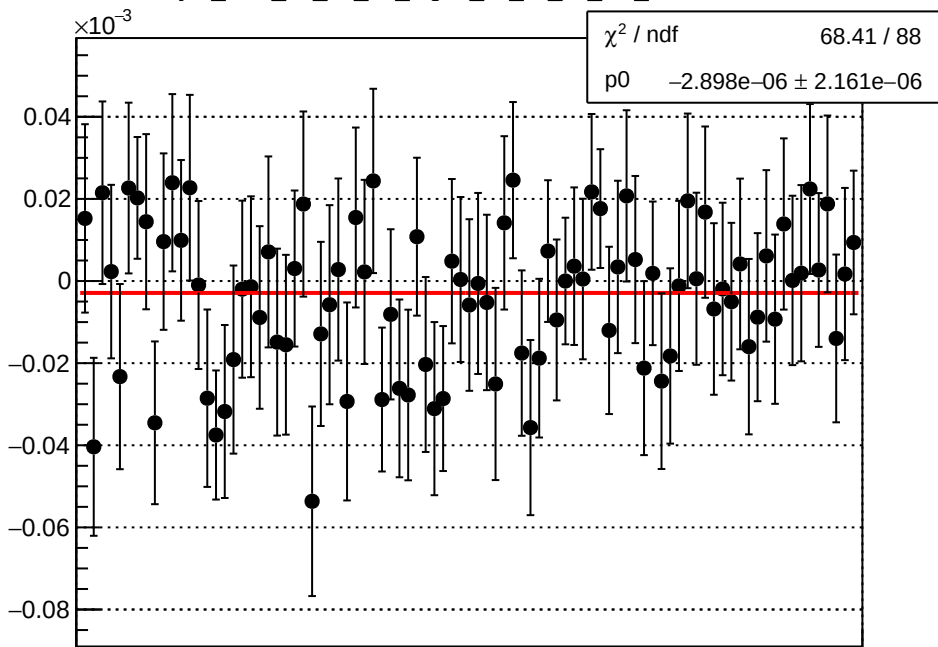
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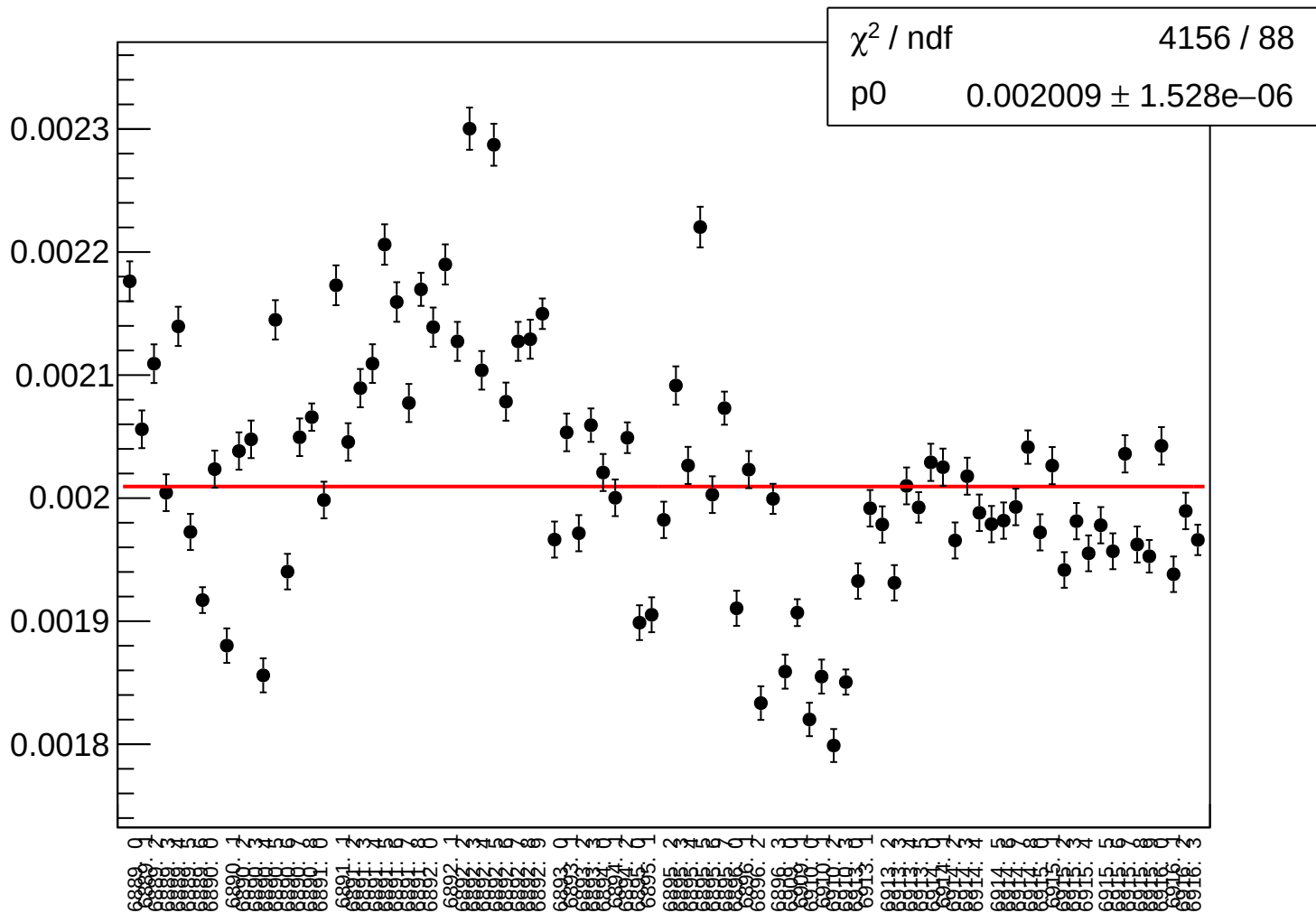
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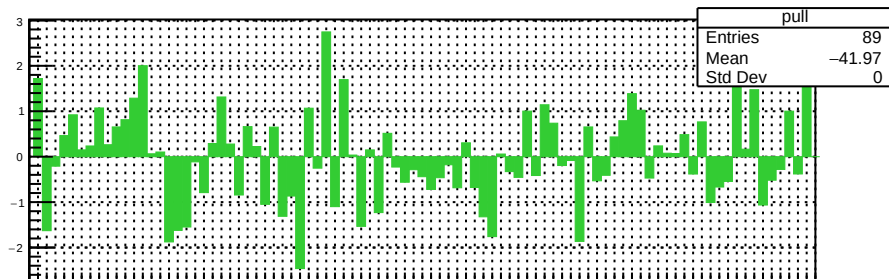
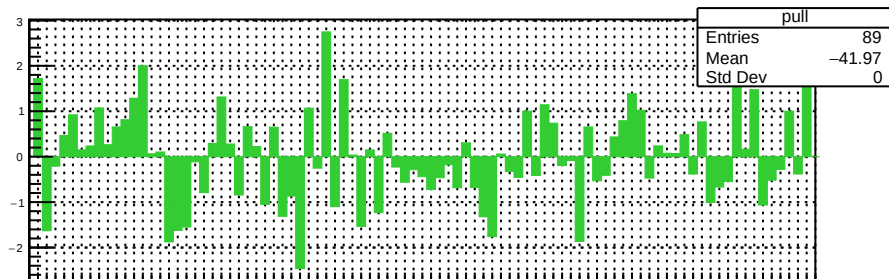
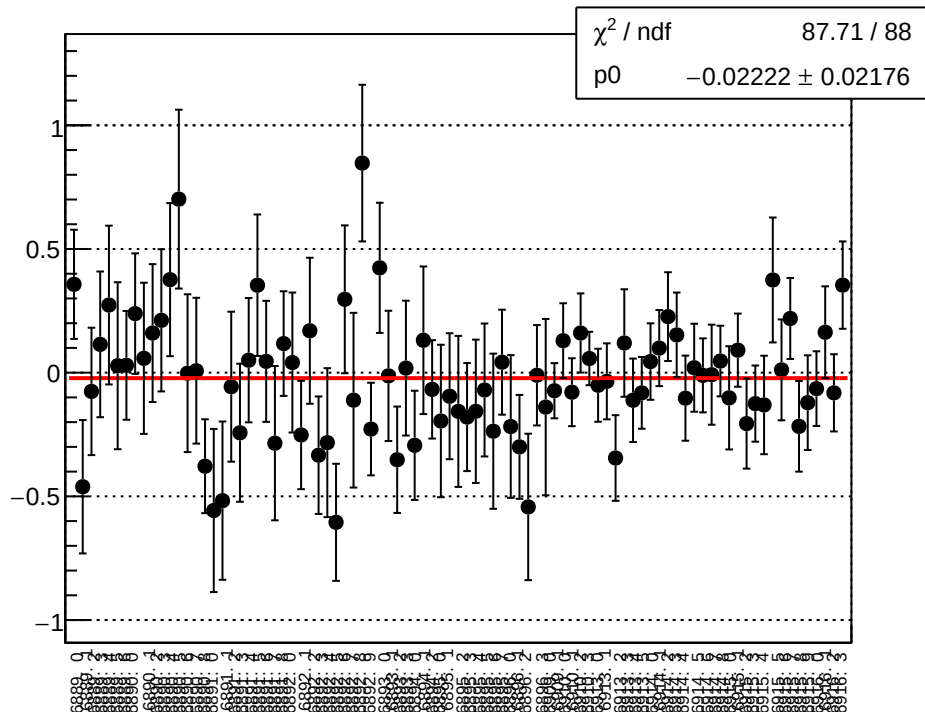
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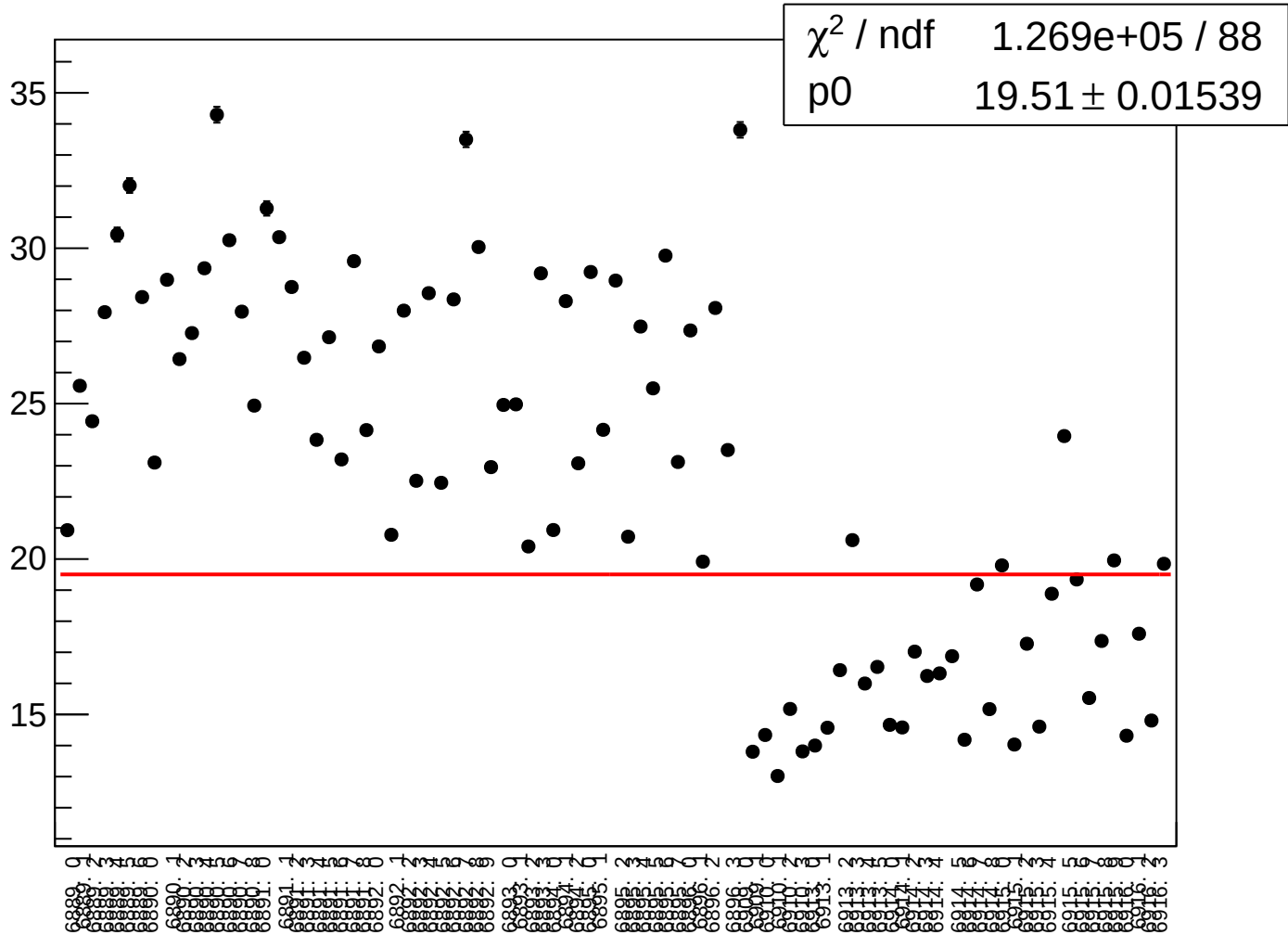
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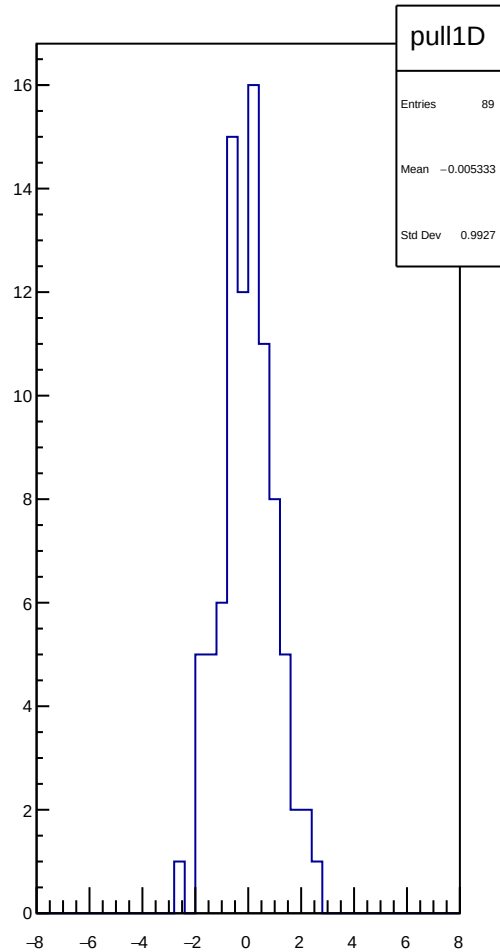
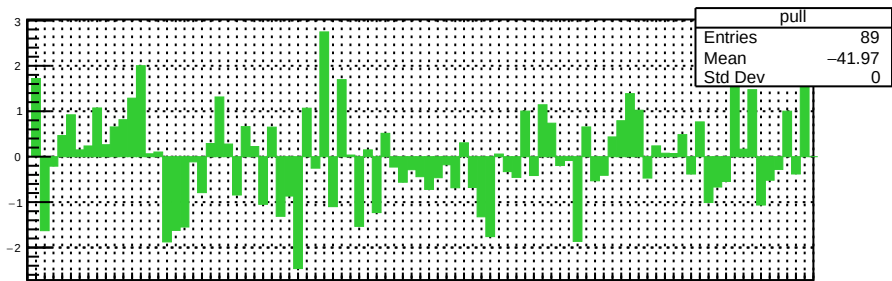
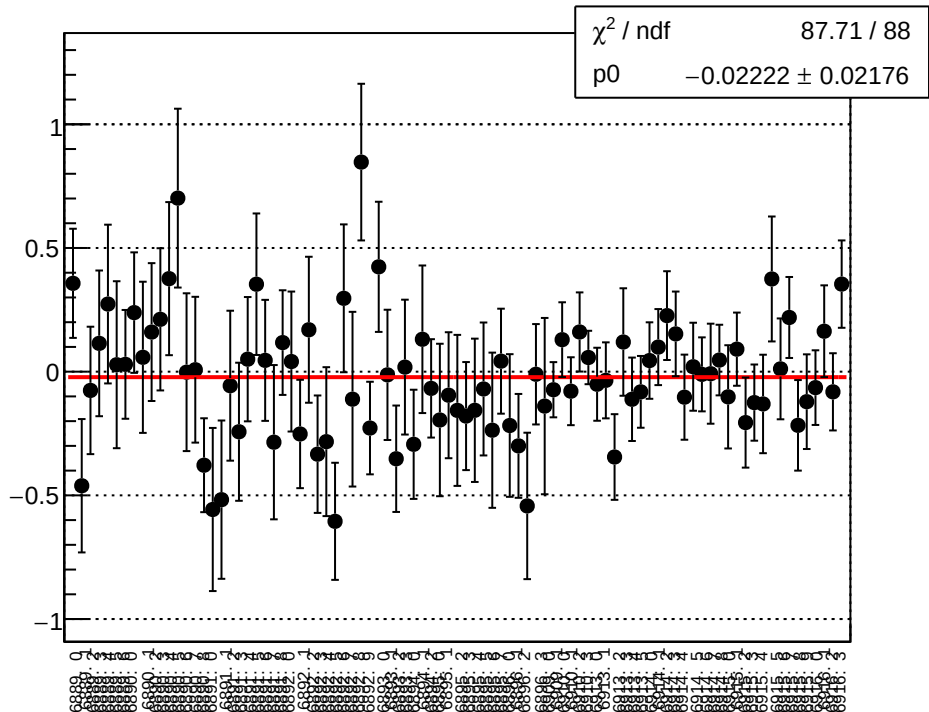
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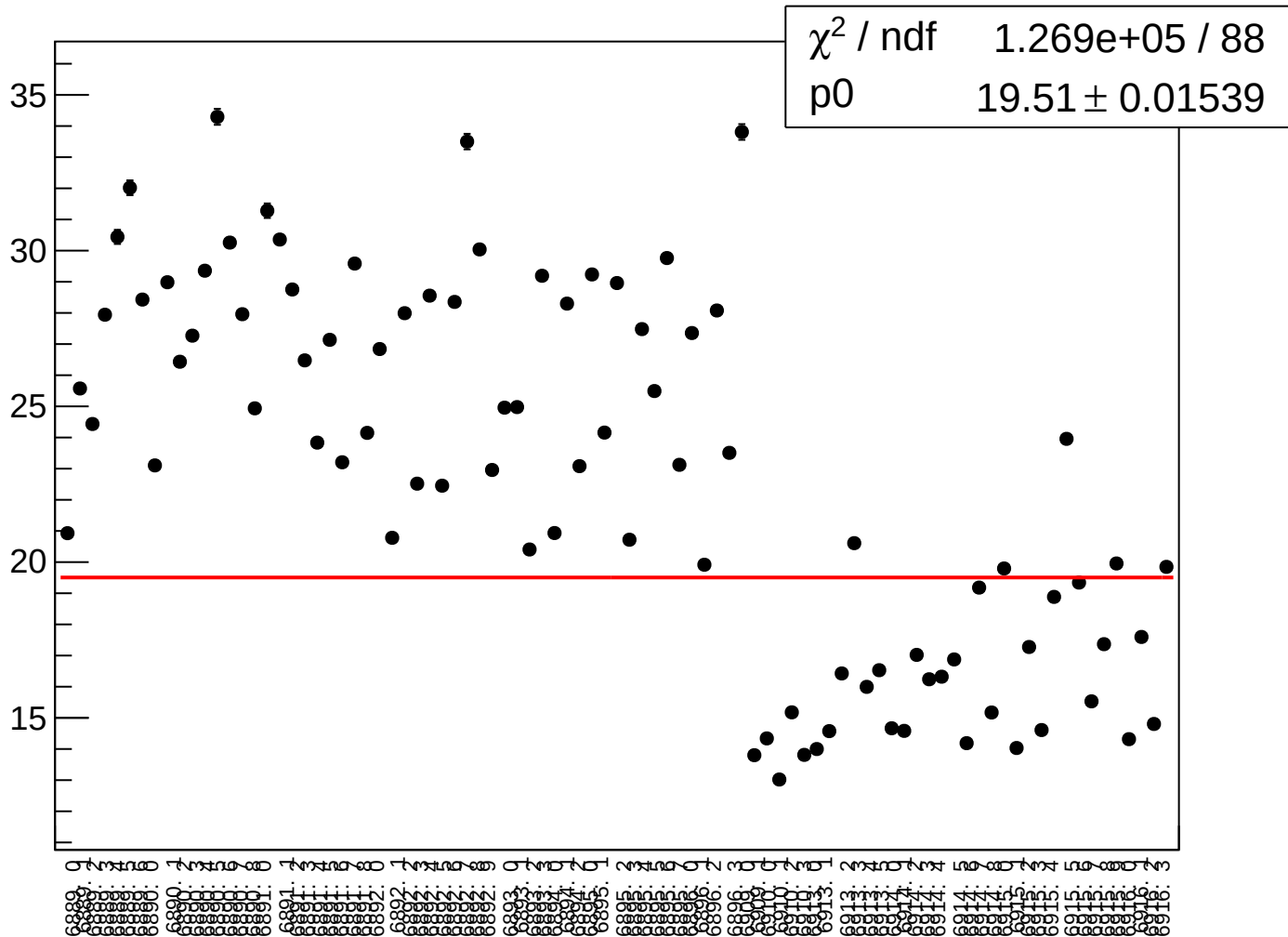
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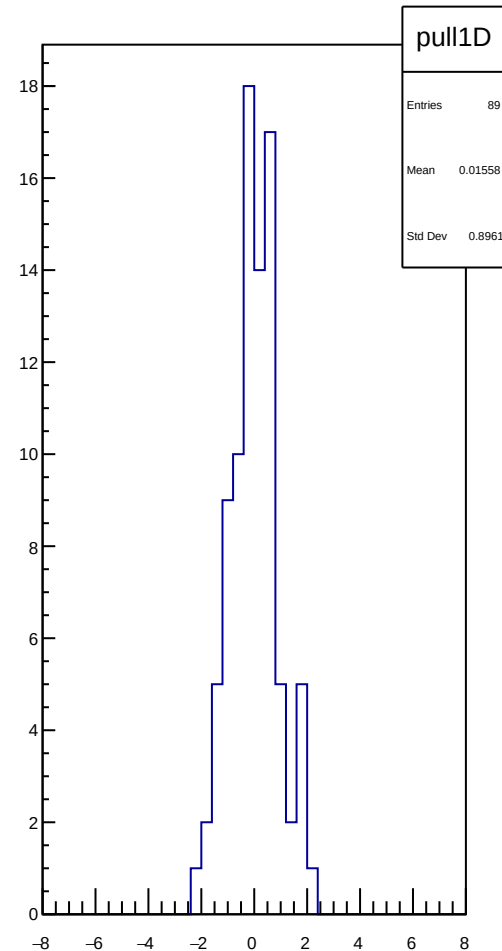
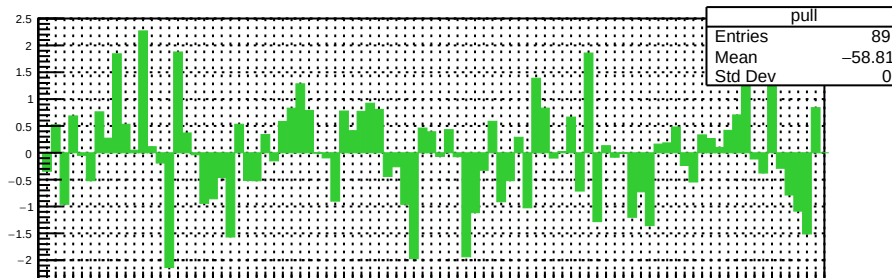
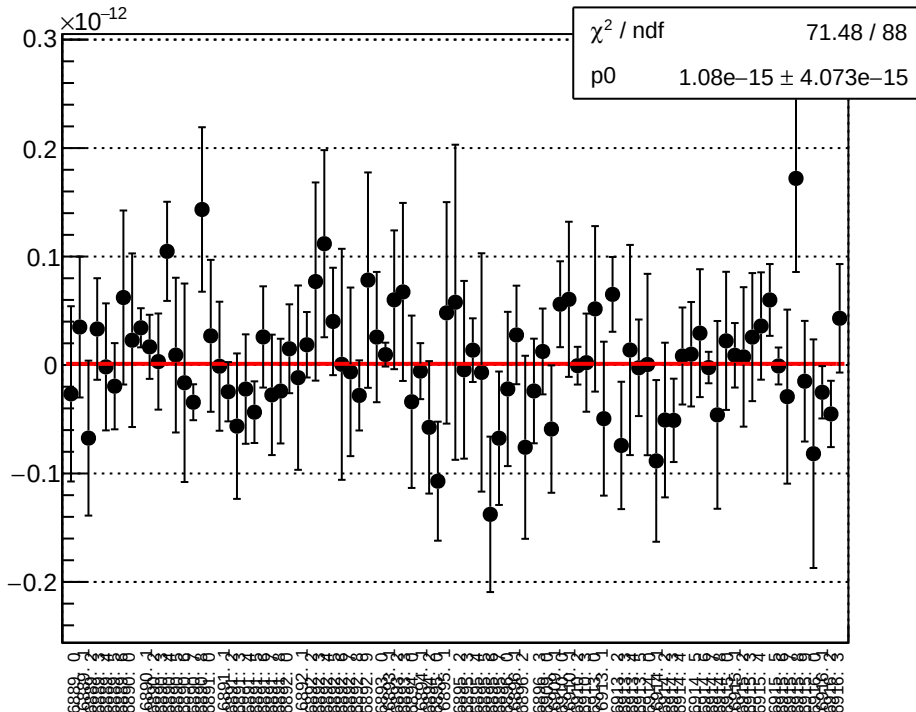
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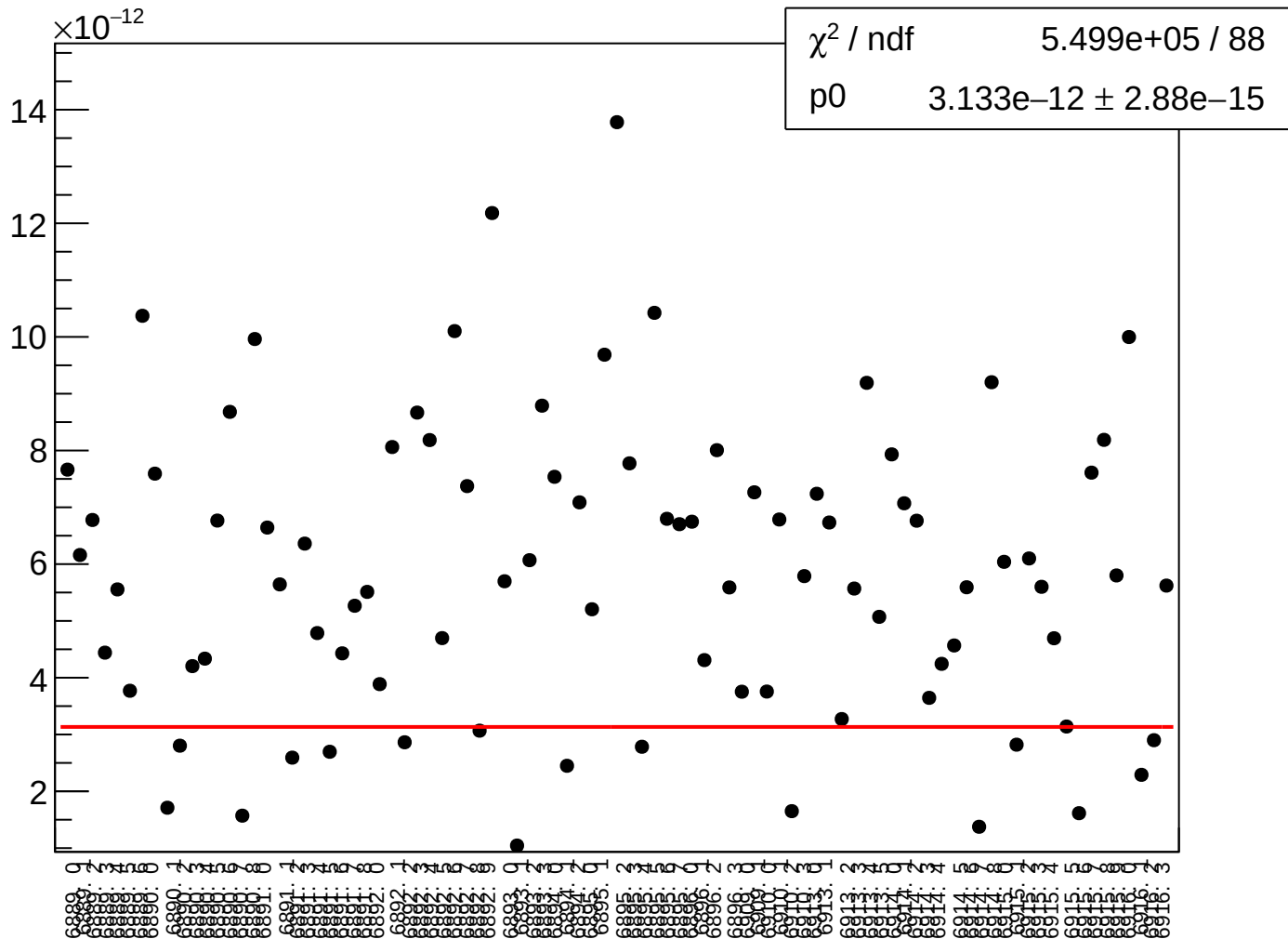
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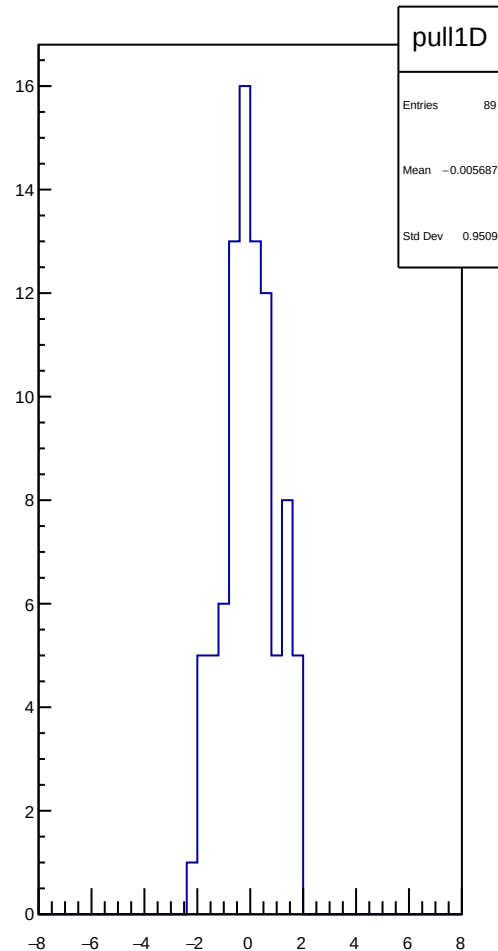
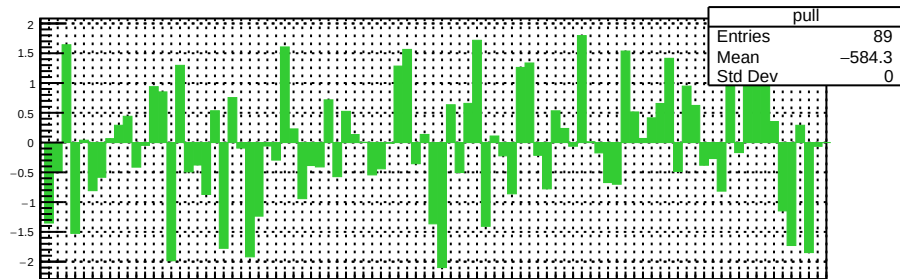
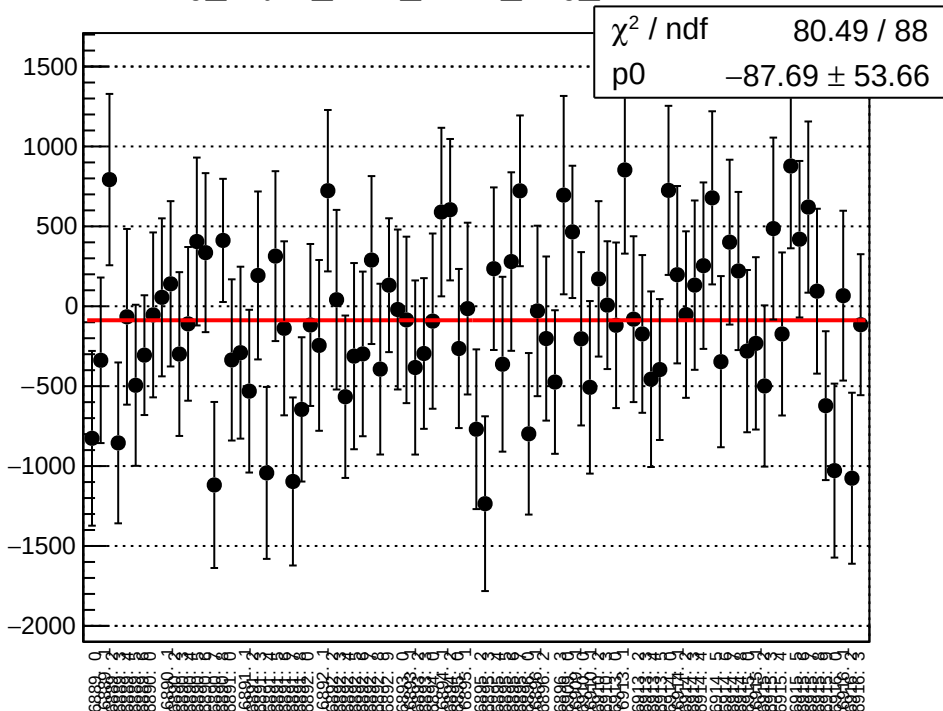
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asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_1357_avg_mean vs run



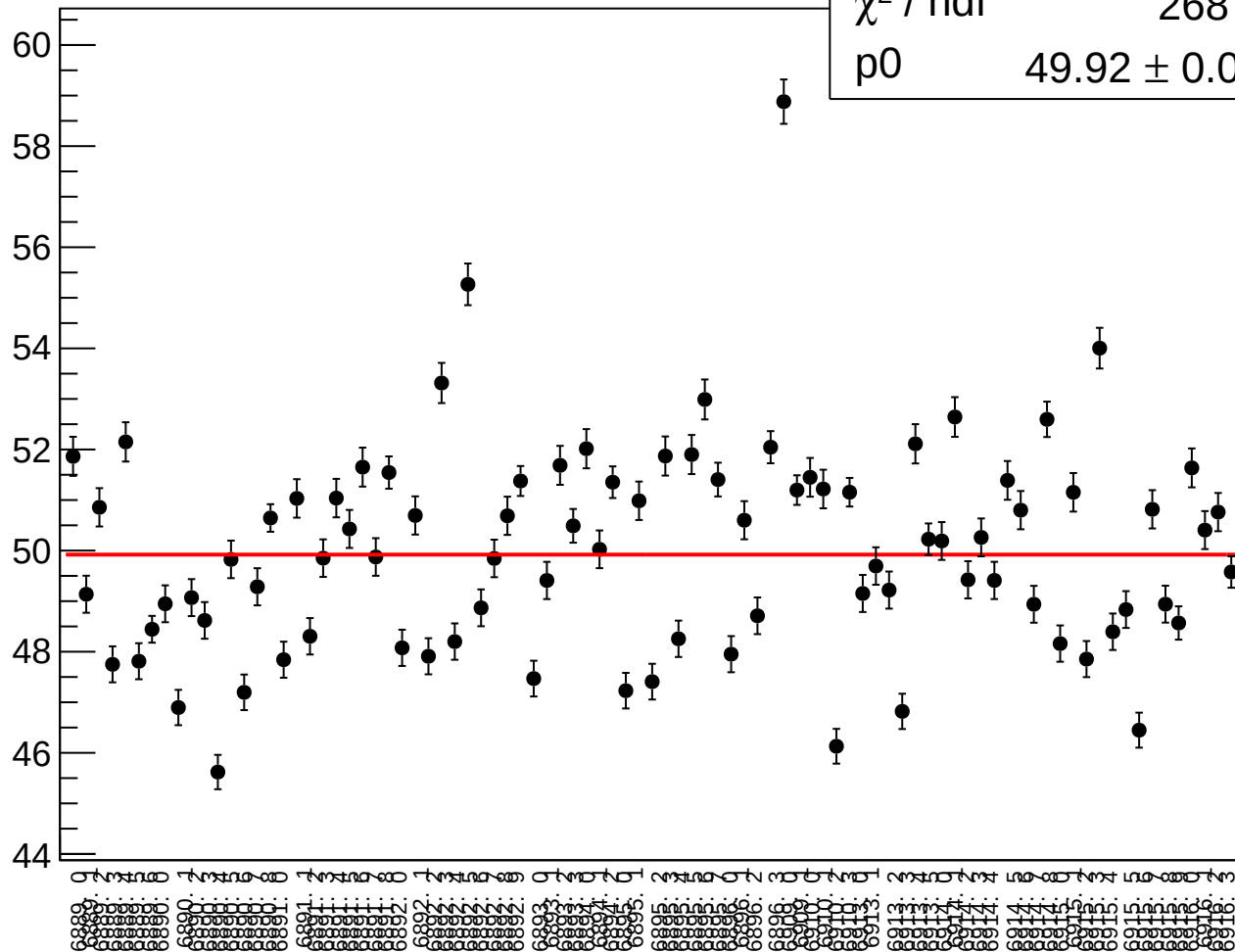
reg_asym_sam_1357_avg_rms vs run

χ^2 / ndf

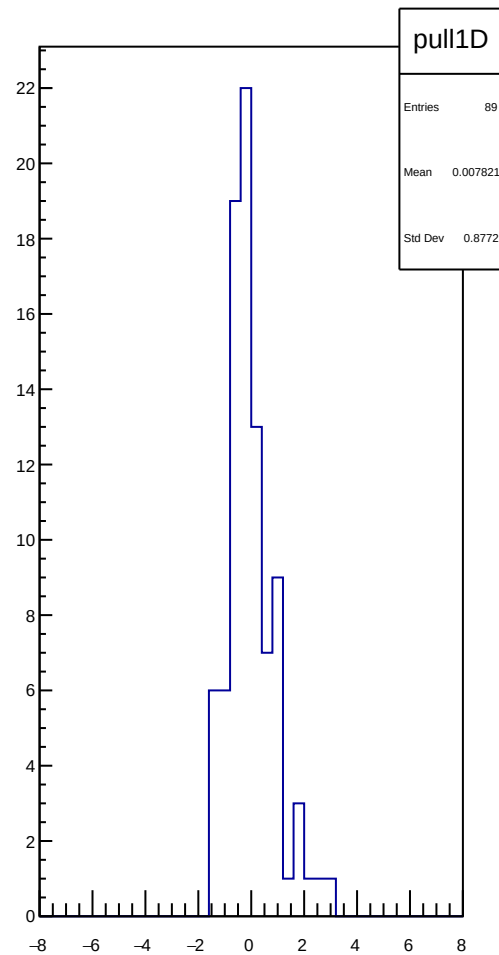
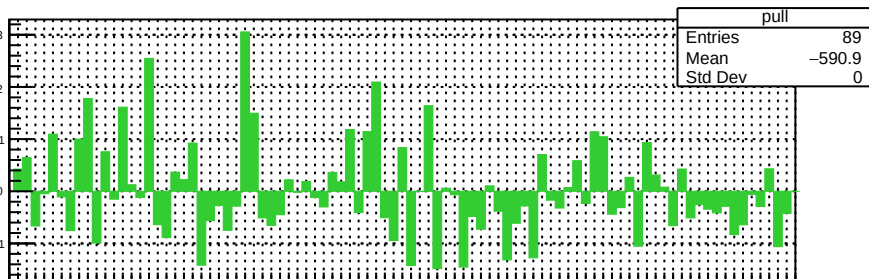
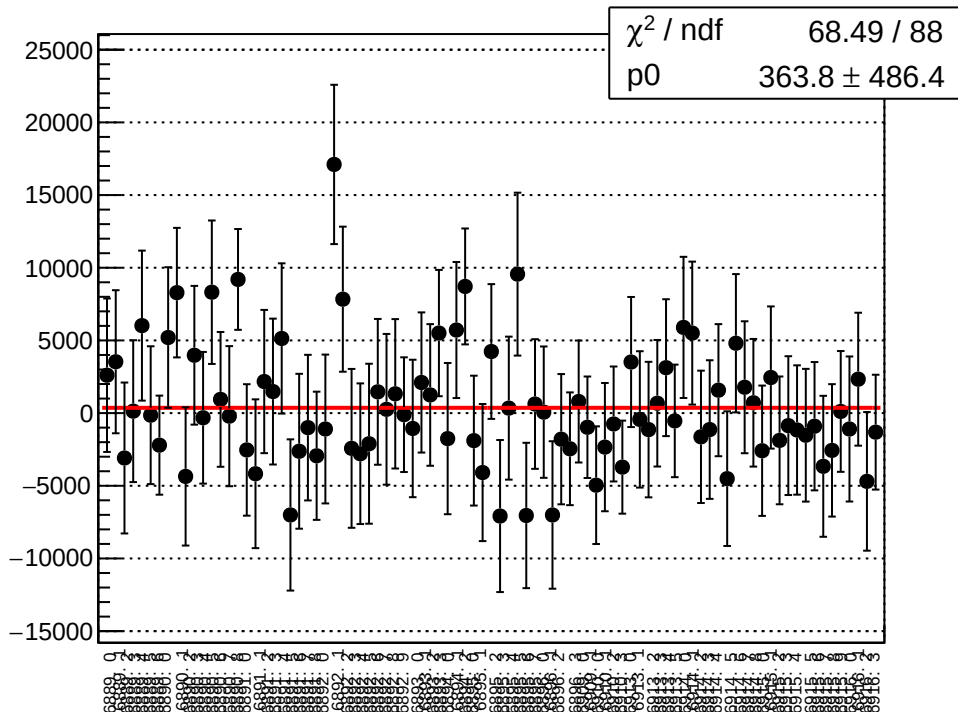
2687 / 88

p0

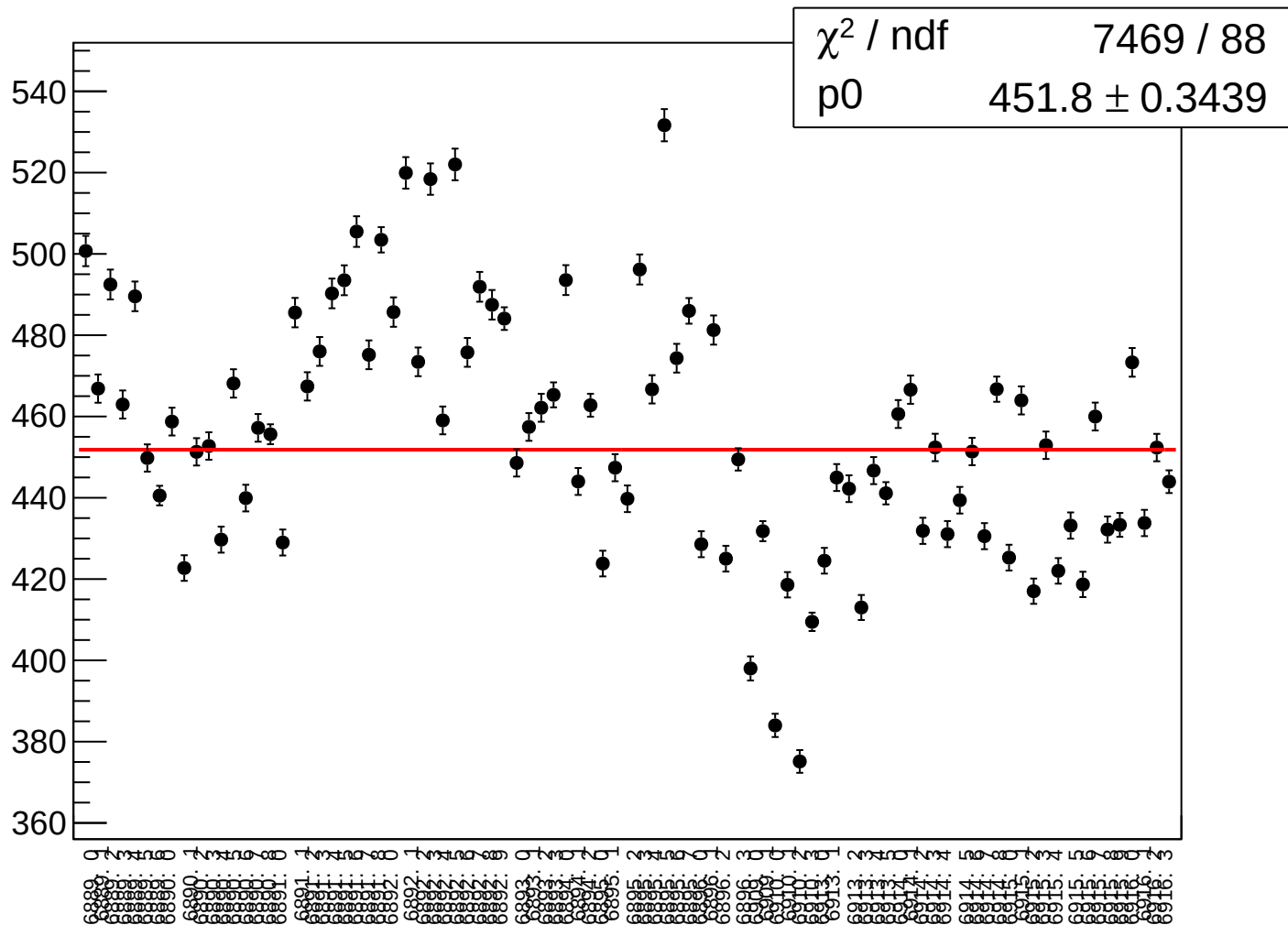
49.92 ± 0.03794



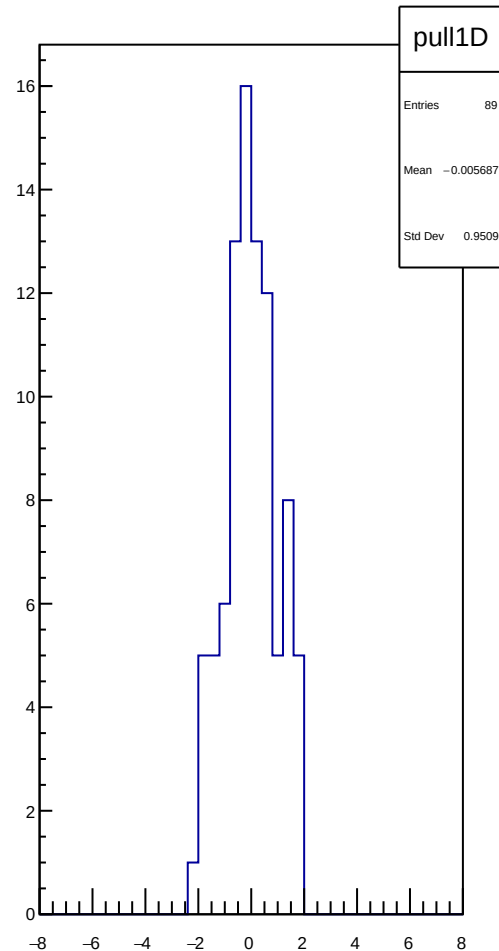
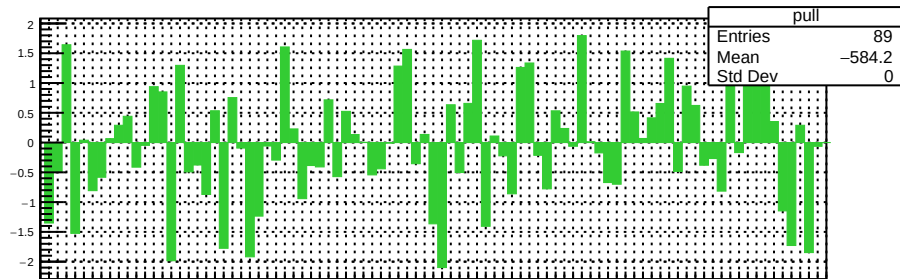
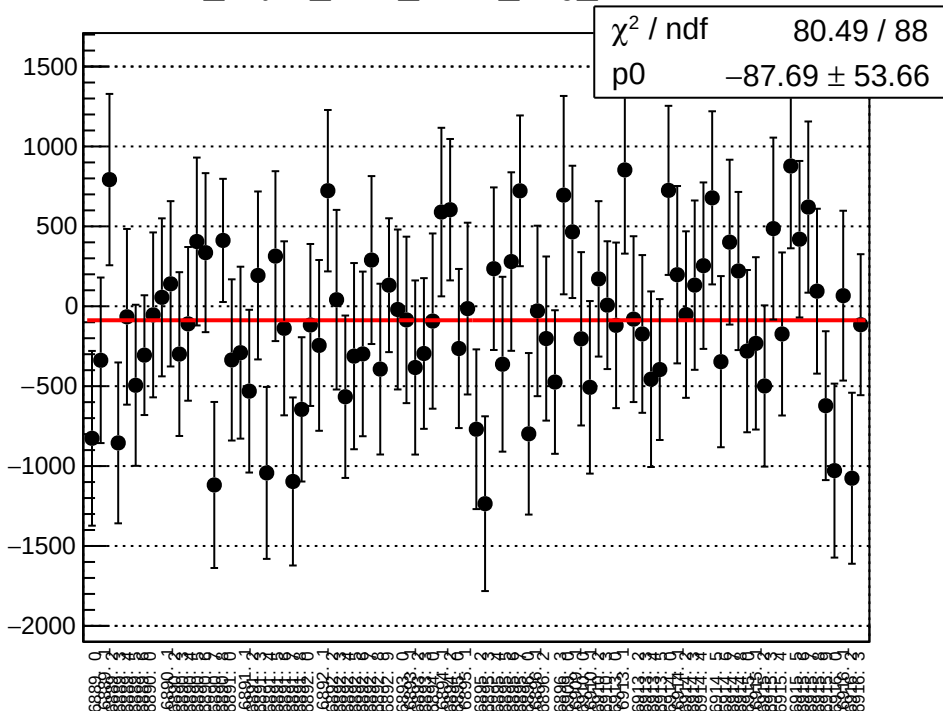
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asym_sam_1357_avg_reg_correction_rms vs run



cor_asym_sam_1357_avg_mean vs run



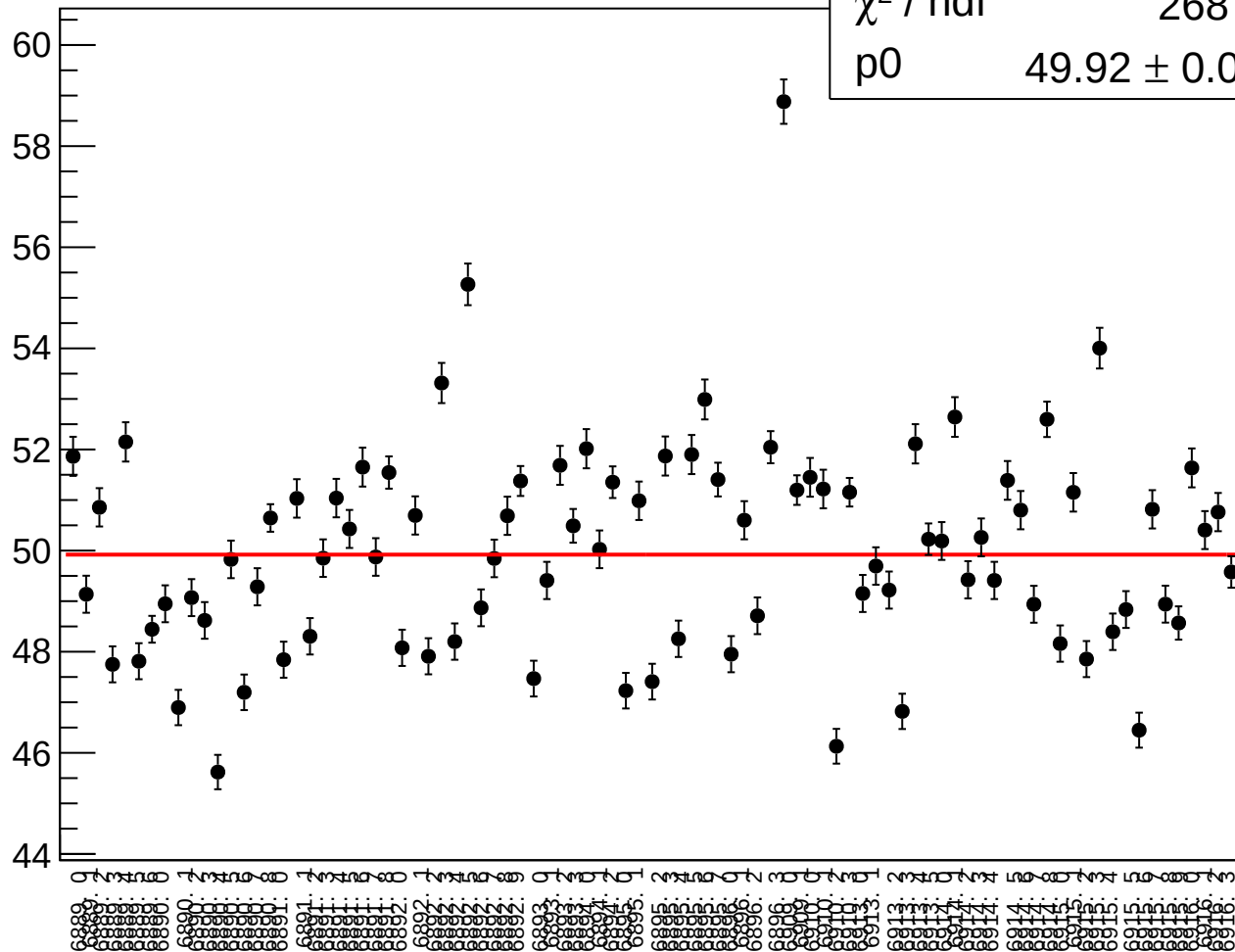
cor_asym_sam_1357_avg_rms vs run

χ^2 / ndf

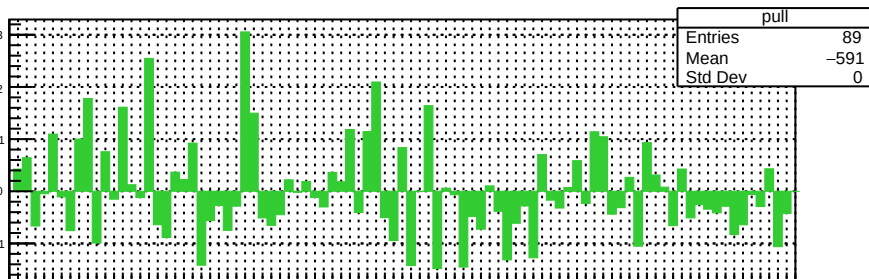
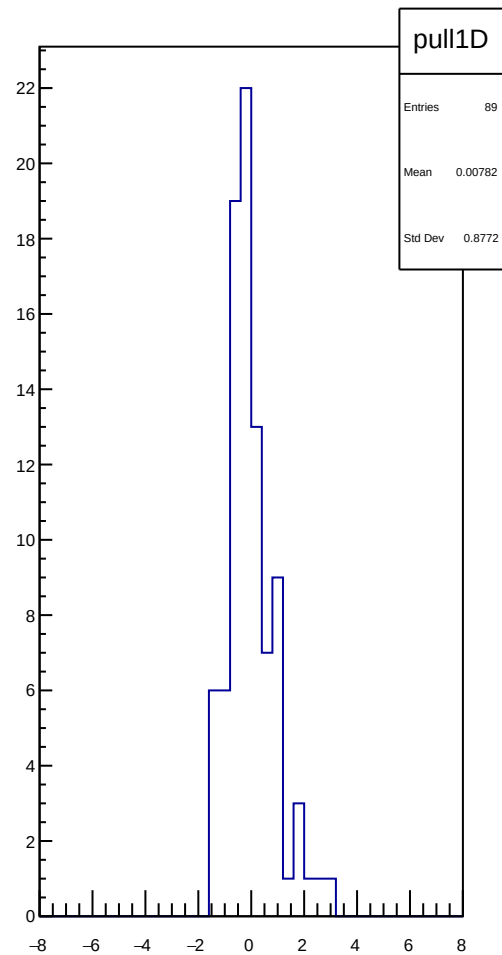
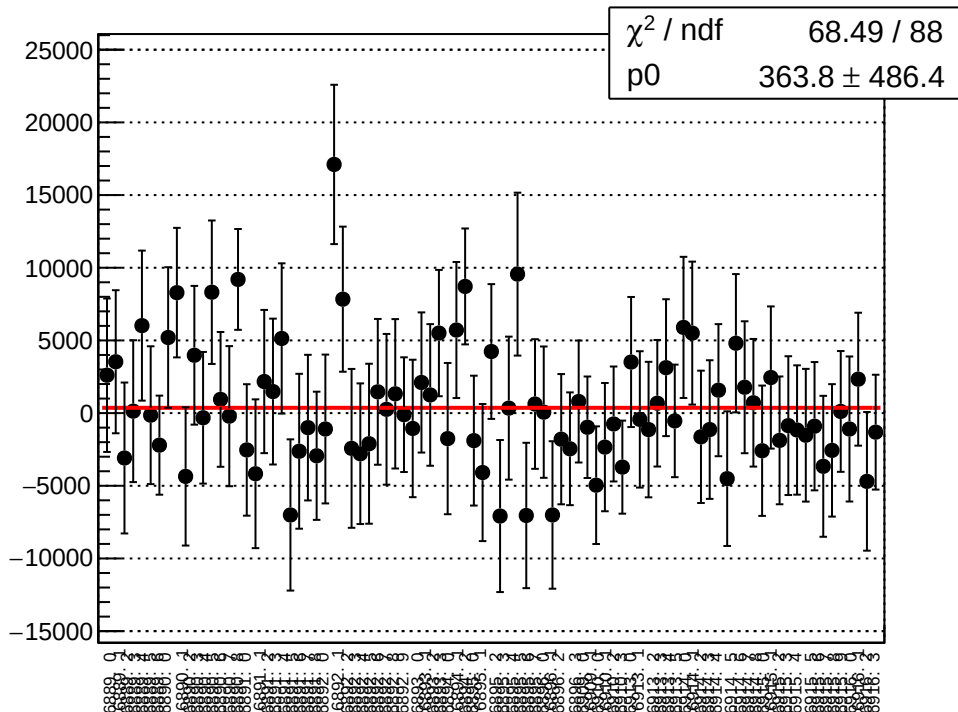
2687 / 88

p0

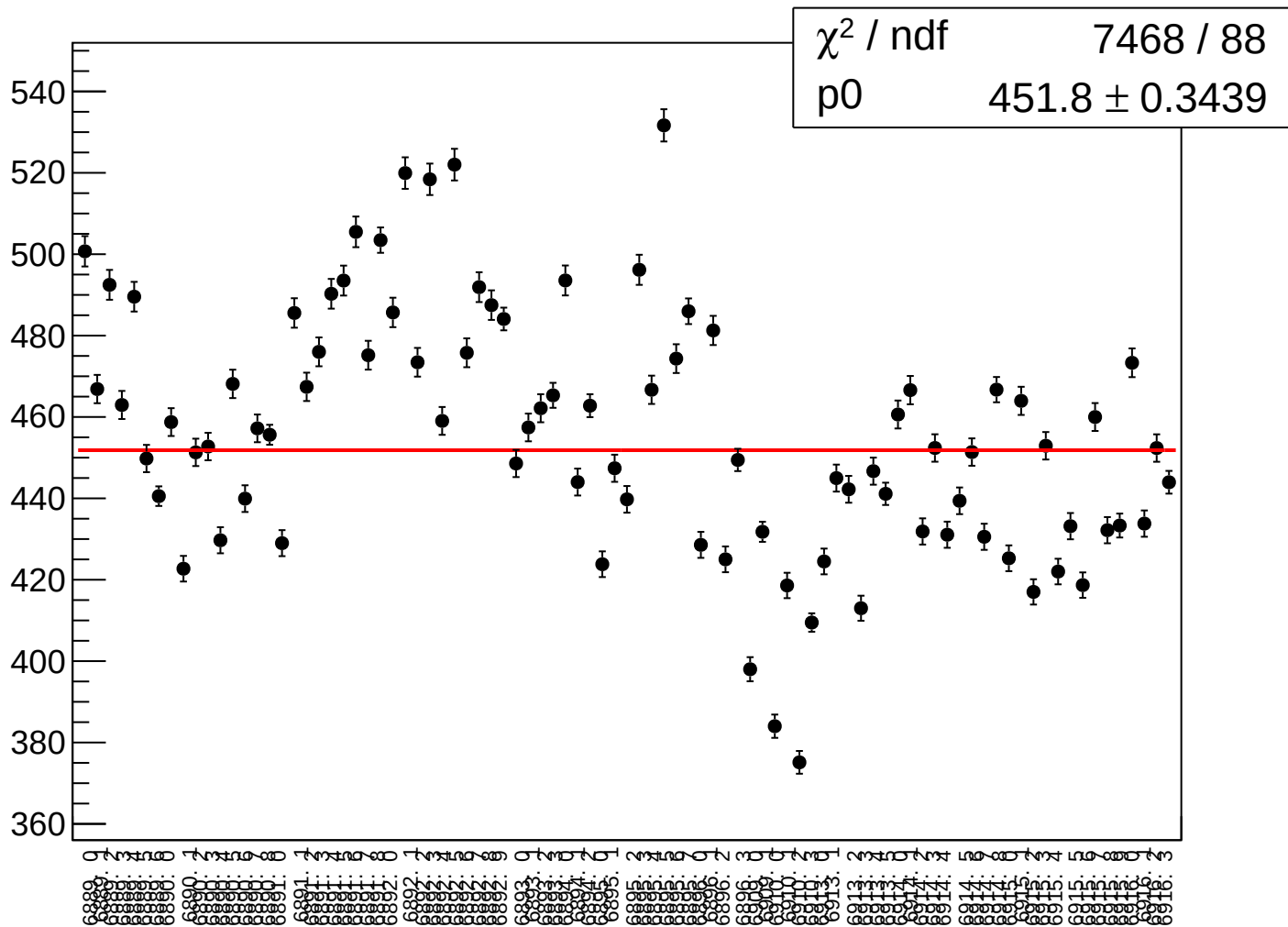
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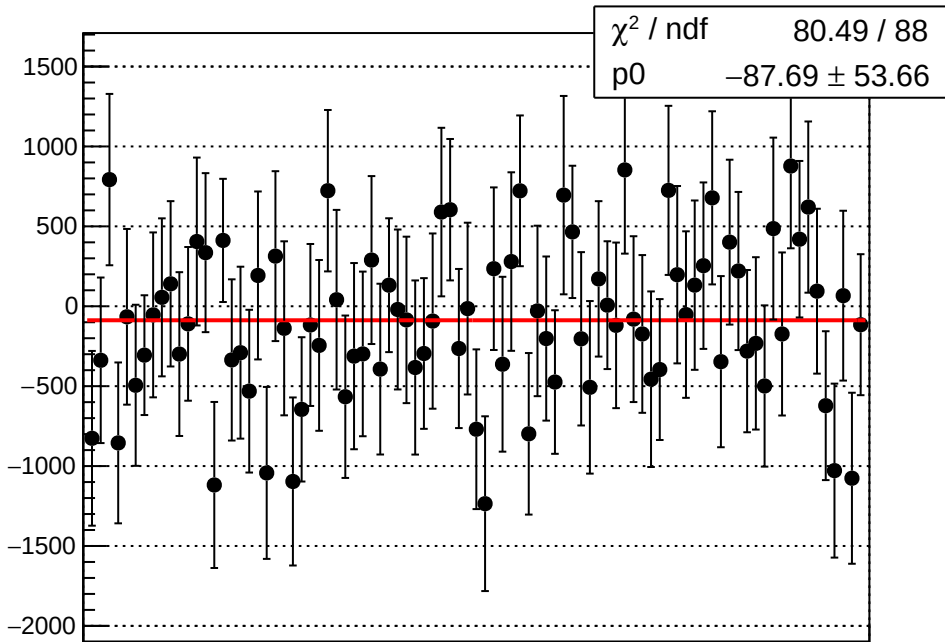
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asym_sam_1357_avg_cor_correction_rms vs run

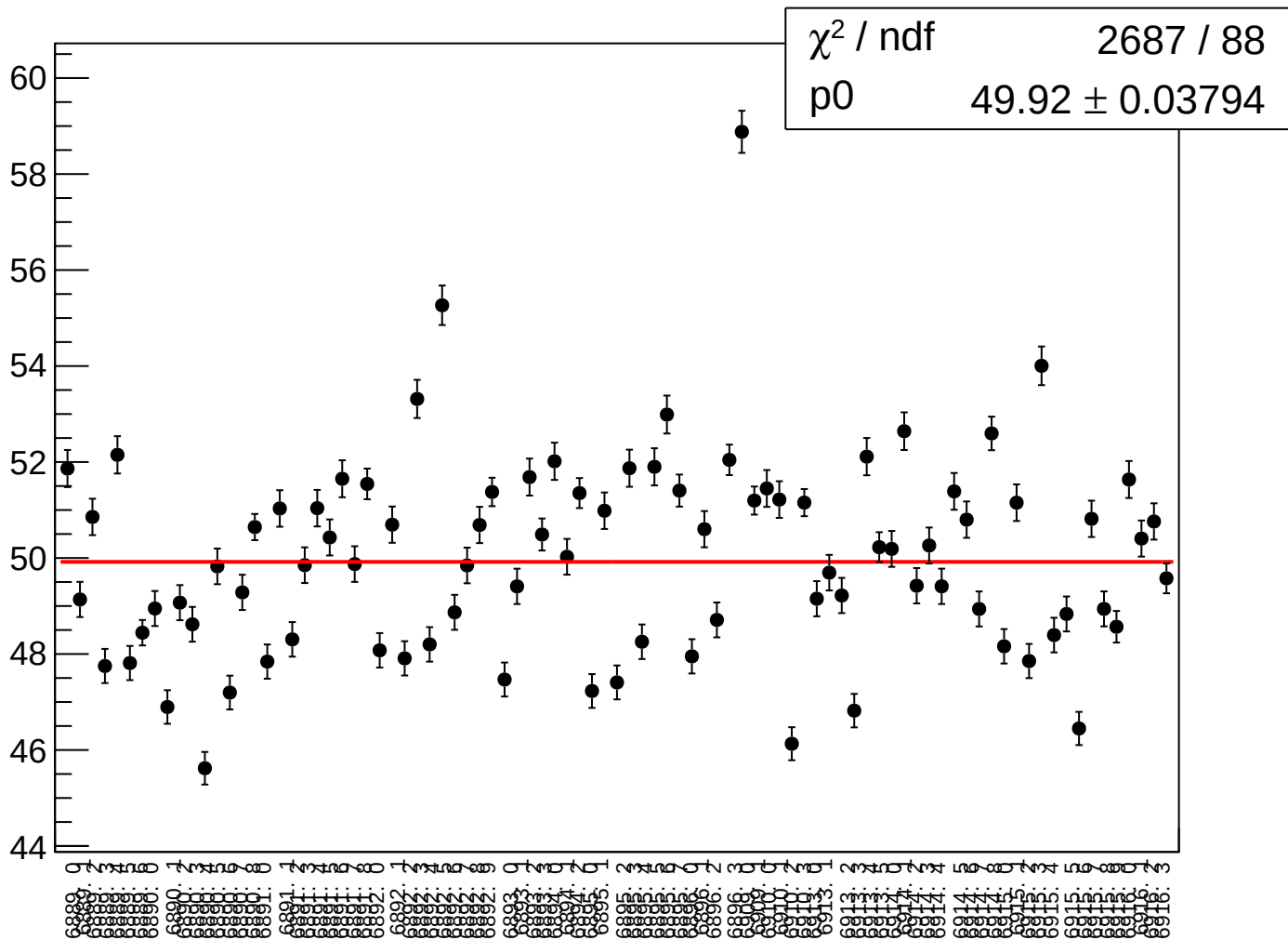


eigen_cor_asym_sam_1357_avg_mean vs run

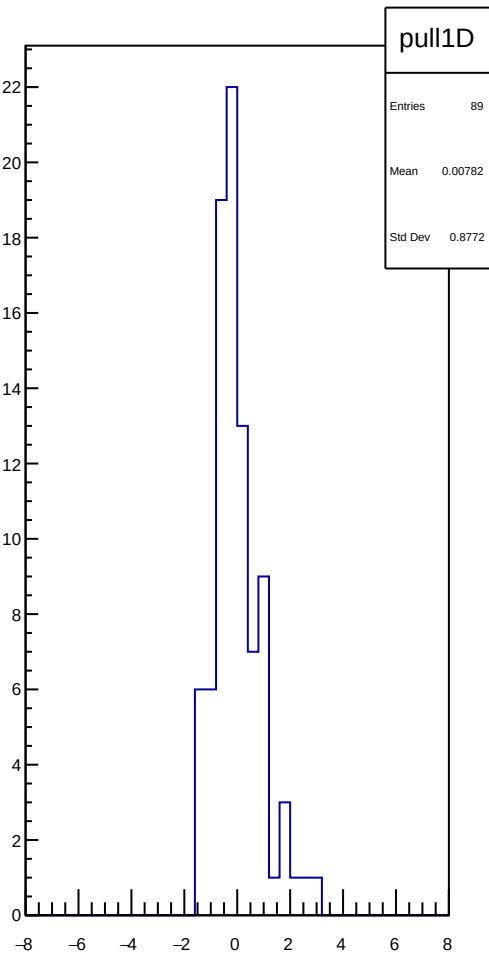
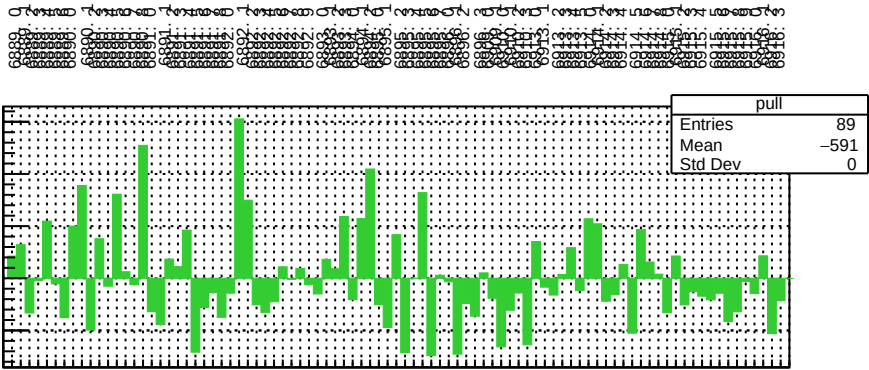
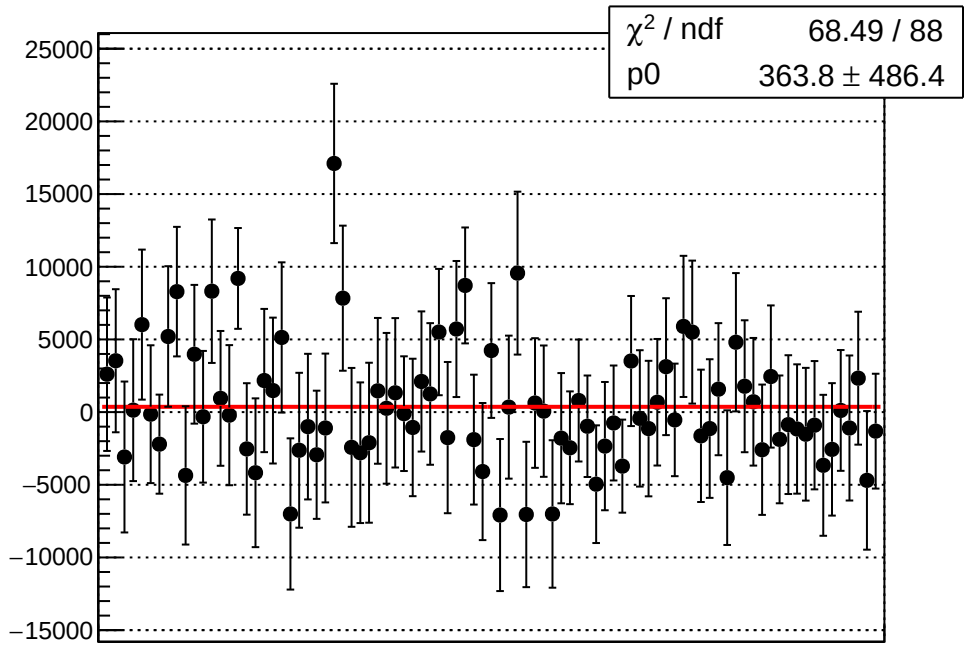


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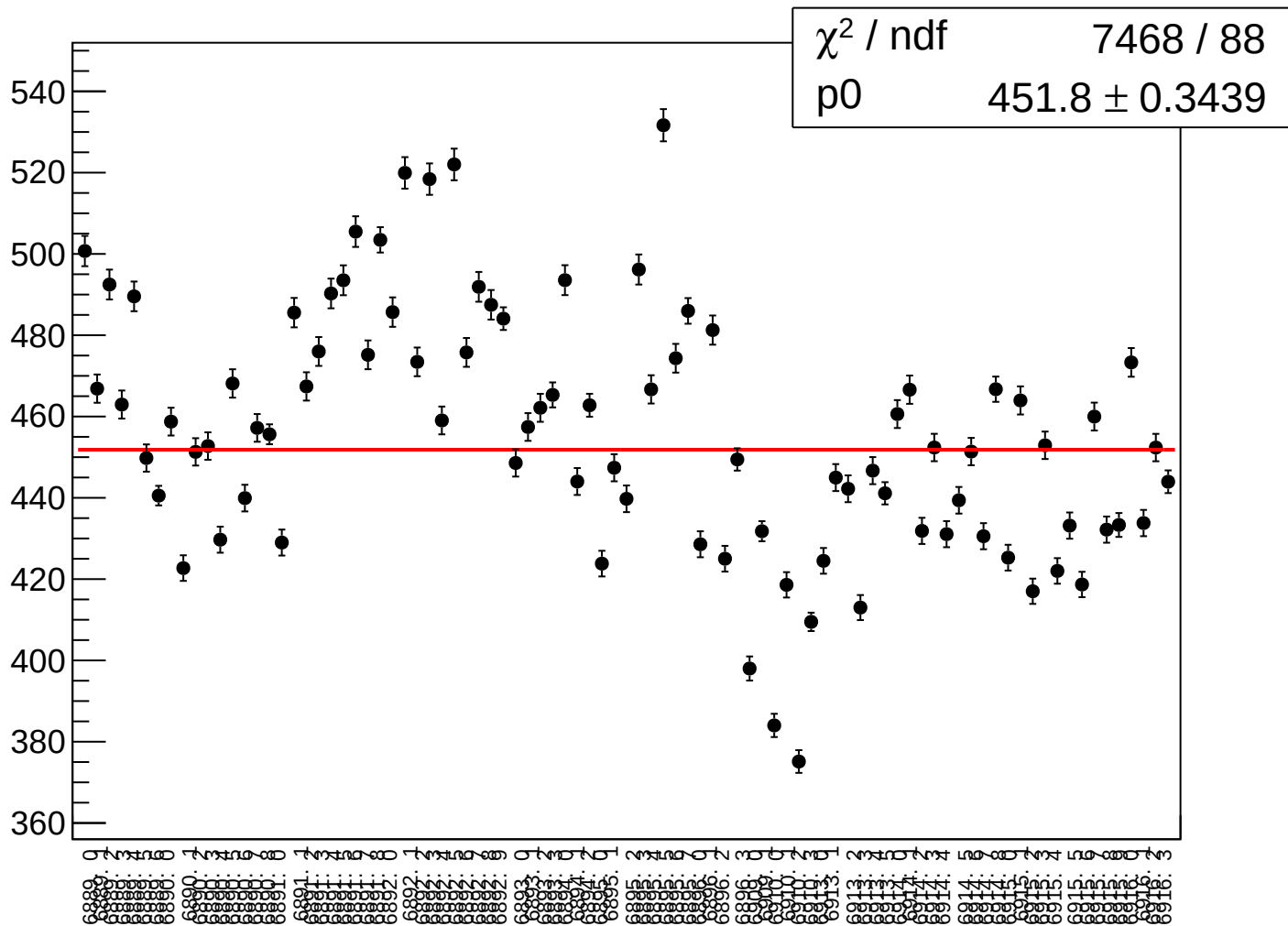
eigen_cor_asym_sam_1357_avg_rms vs run



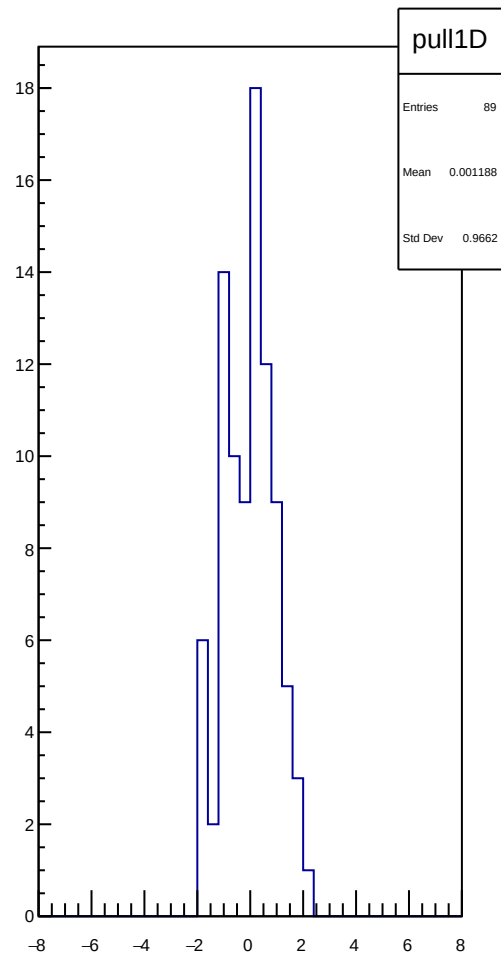
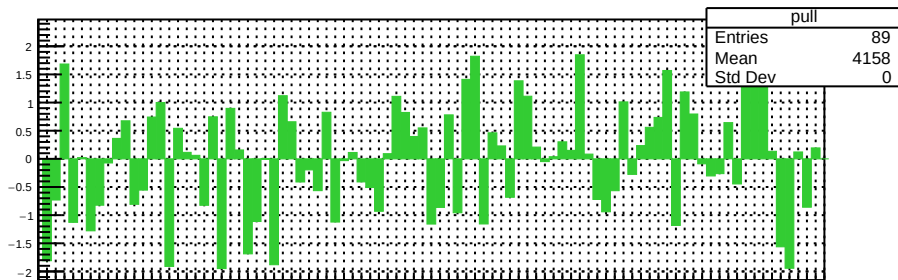
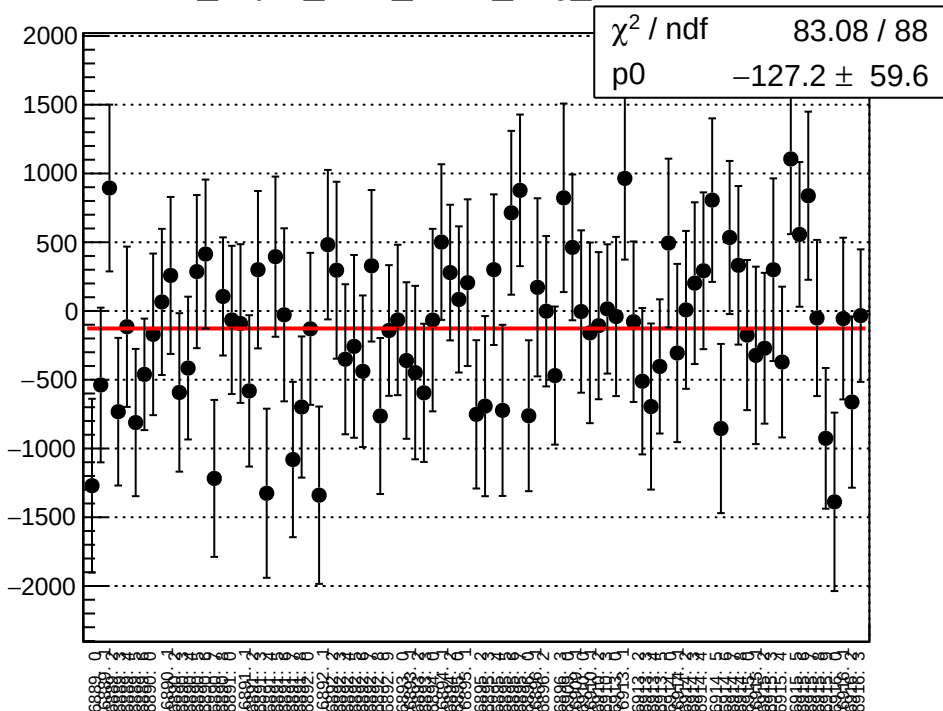
asym_sam_1357_avg_eigen_cor_correction_mean vs run



asym_sam_1357_avg_eigen_cor_correction_rms vs run



dit_asym_sam_1357_avg_mean vs run



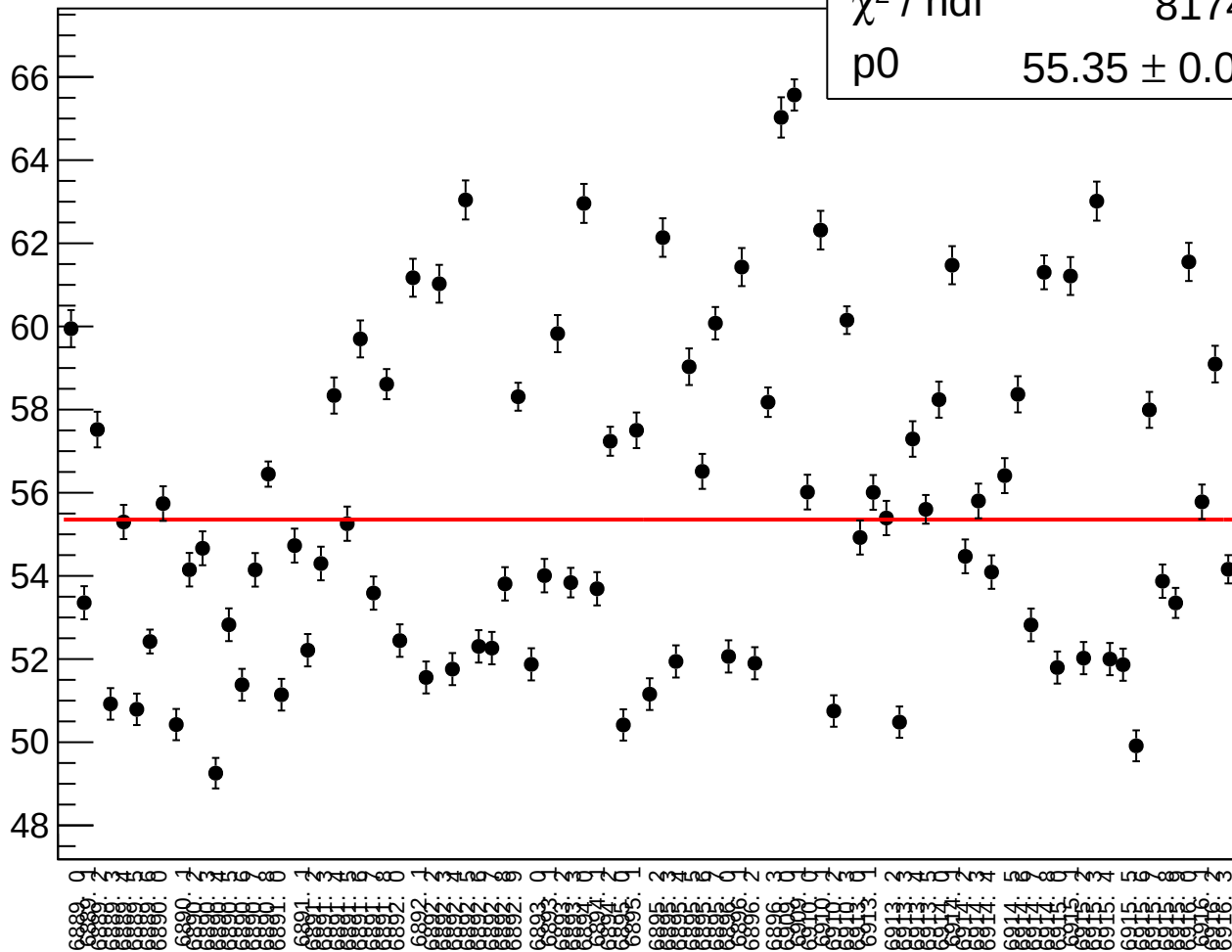
dit_asym_sam_1357_avg_rms vs run

χ^2 / ndf

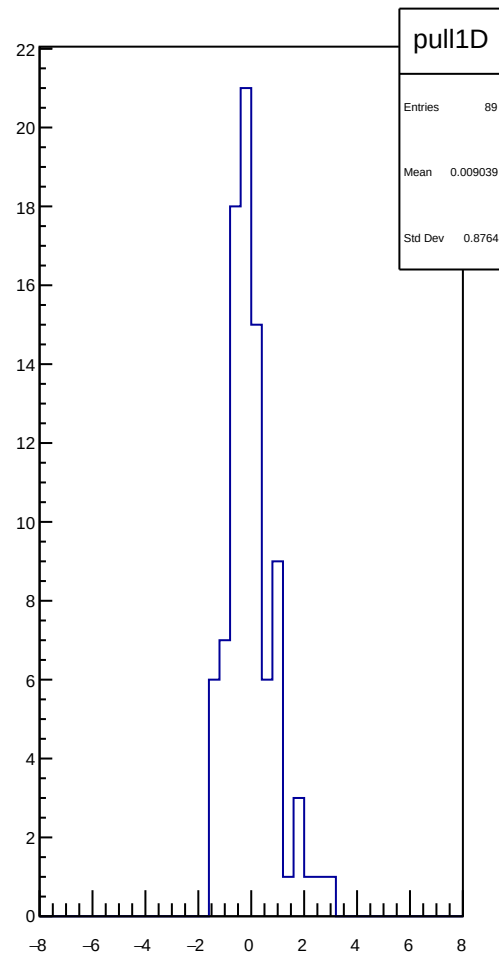
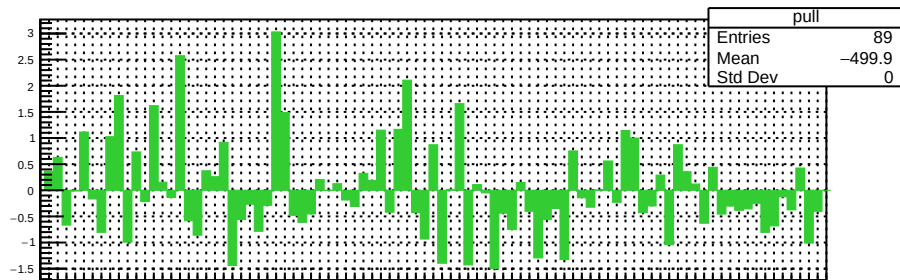
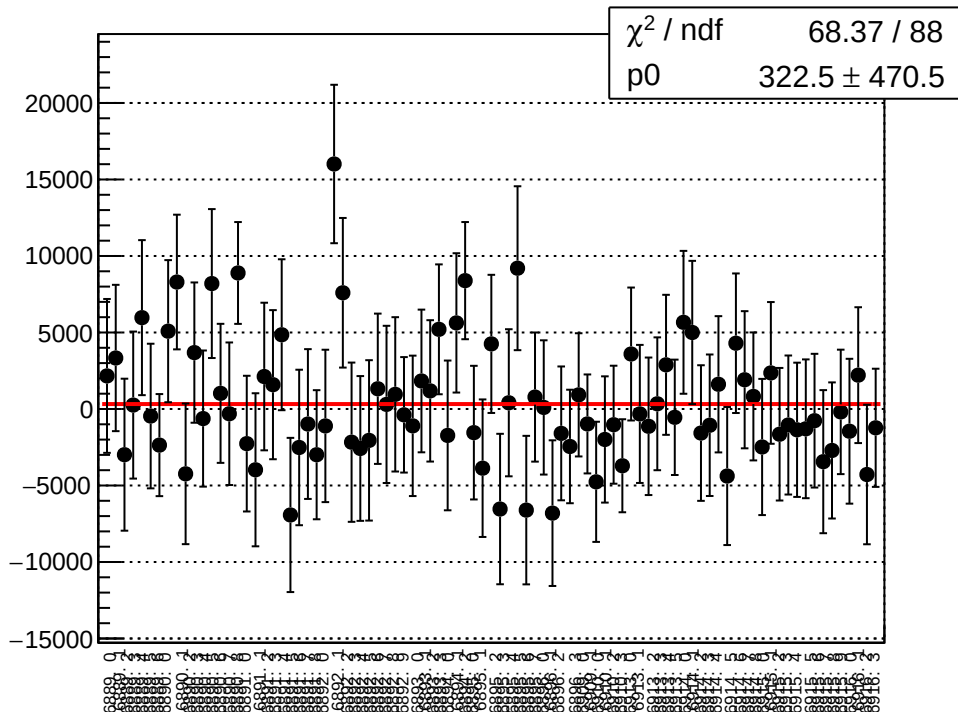
8174 / 88

p0

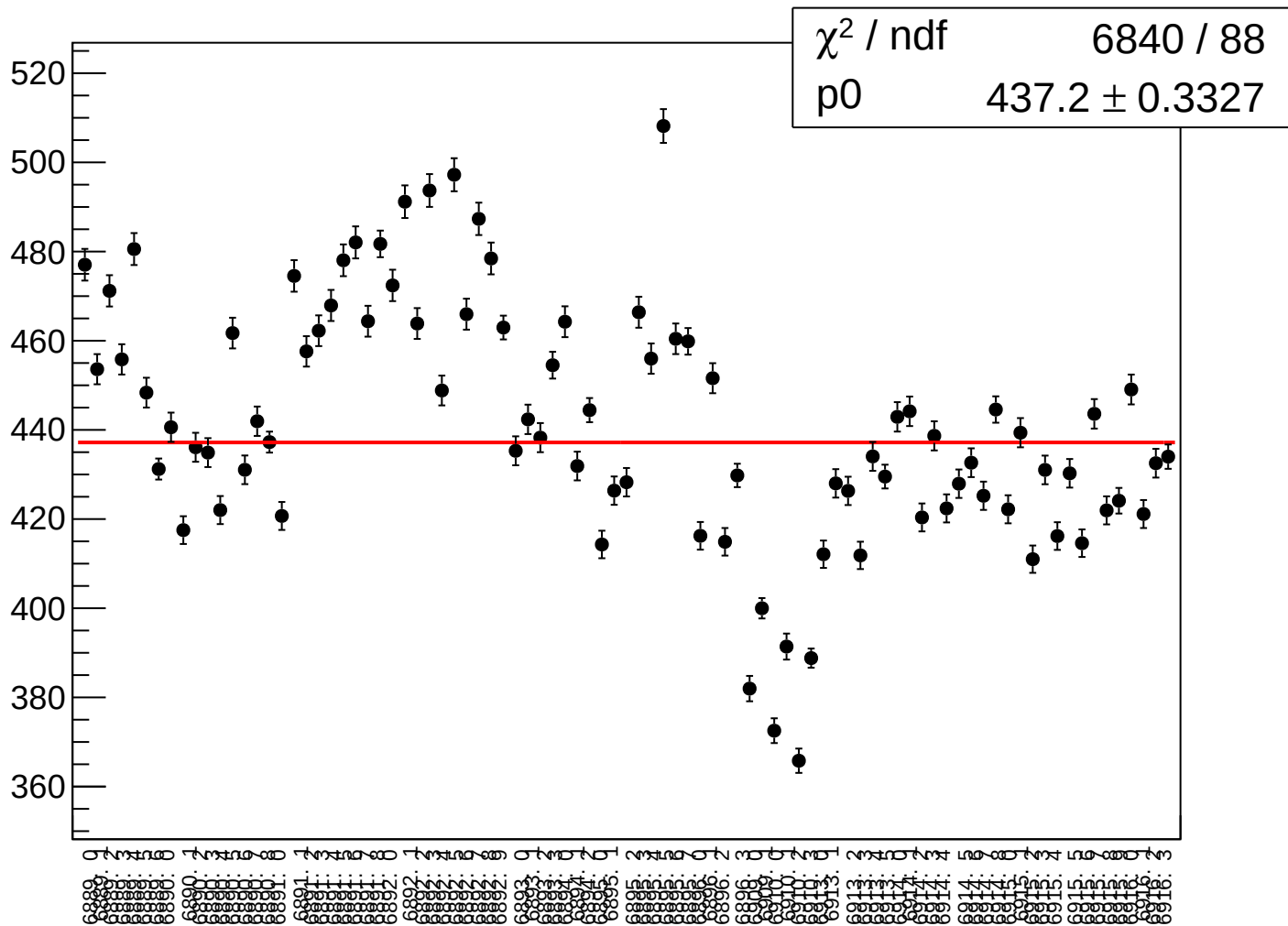
55.35 ± 0.04214



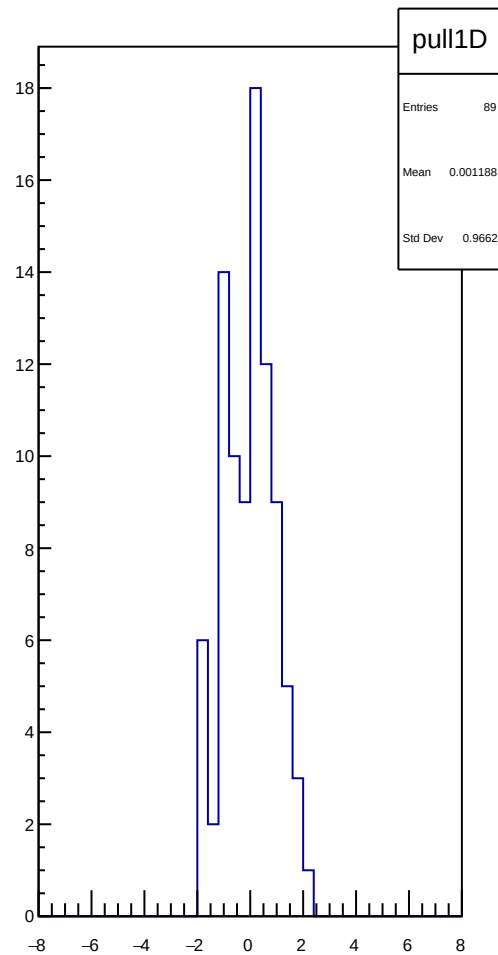
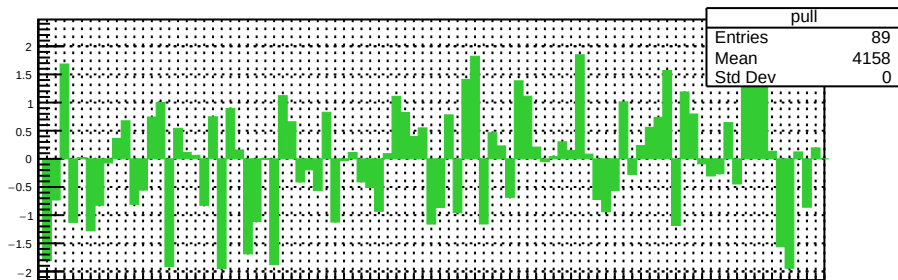
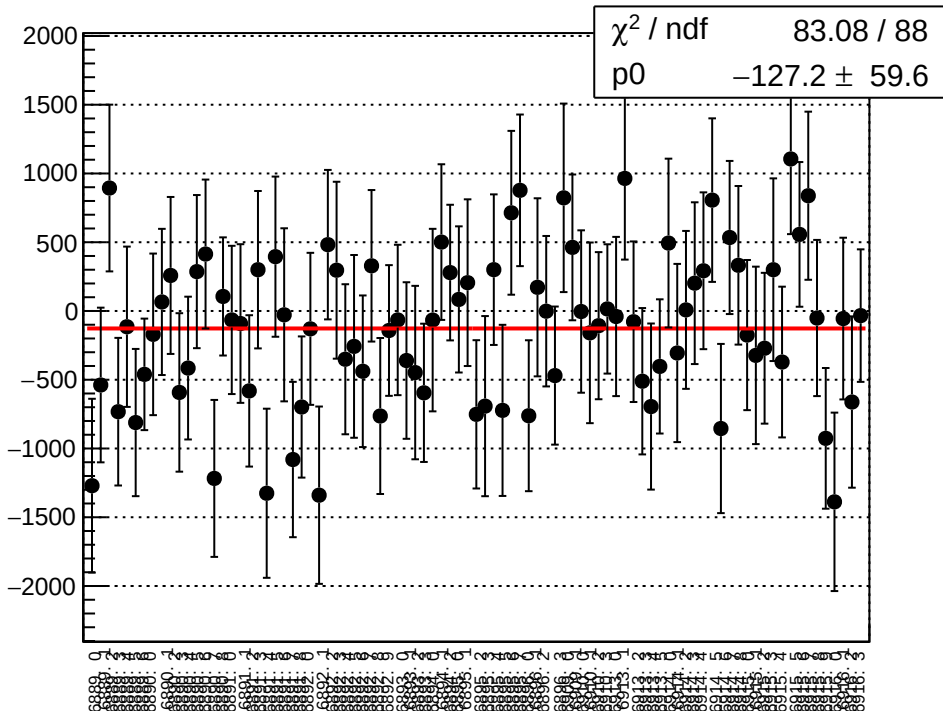
asym_sam_1357_avg_dit_correction_mean vs run



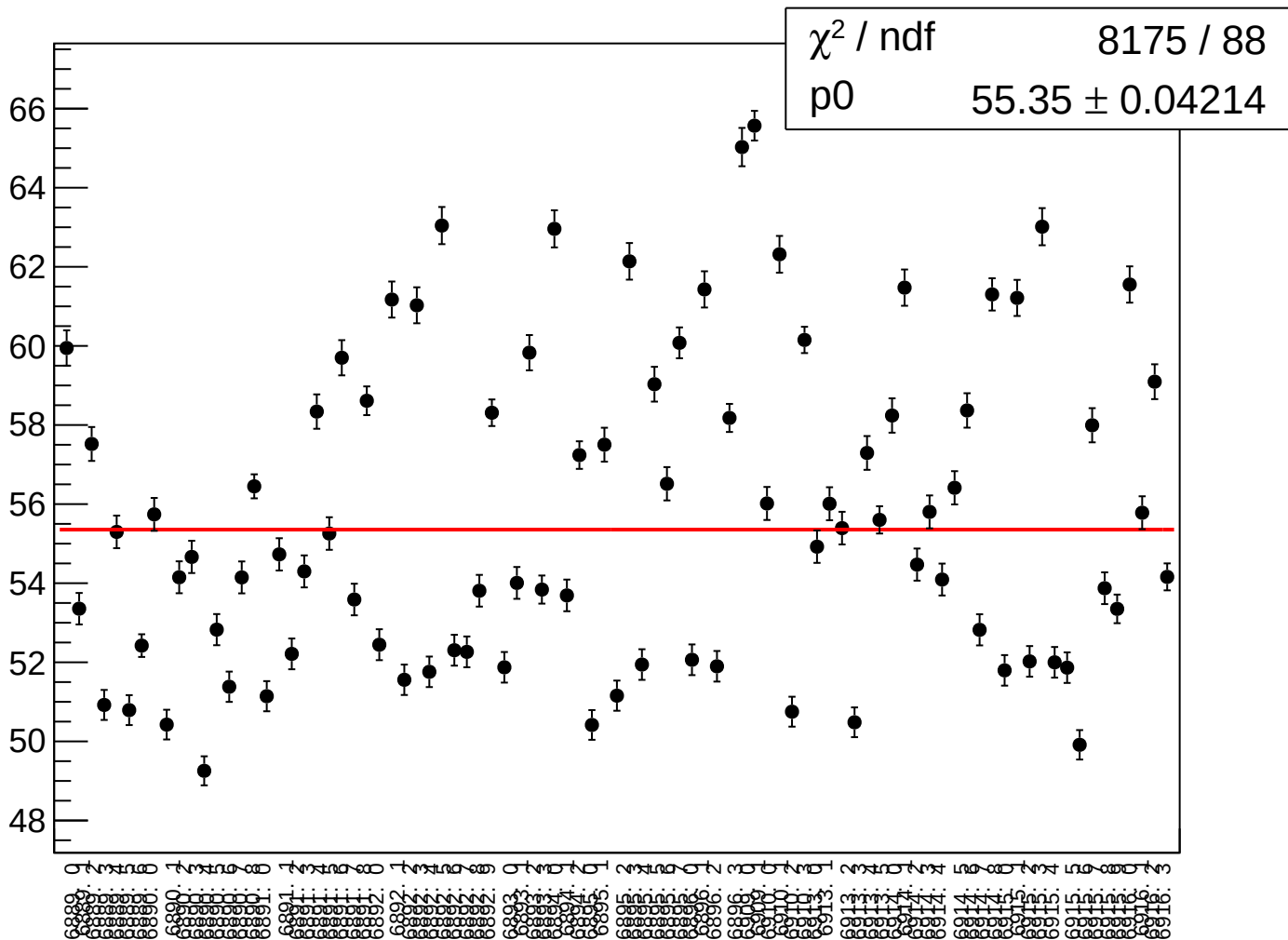
asym_sam_1357_avg_dit_correction_rms vs run



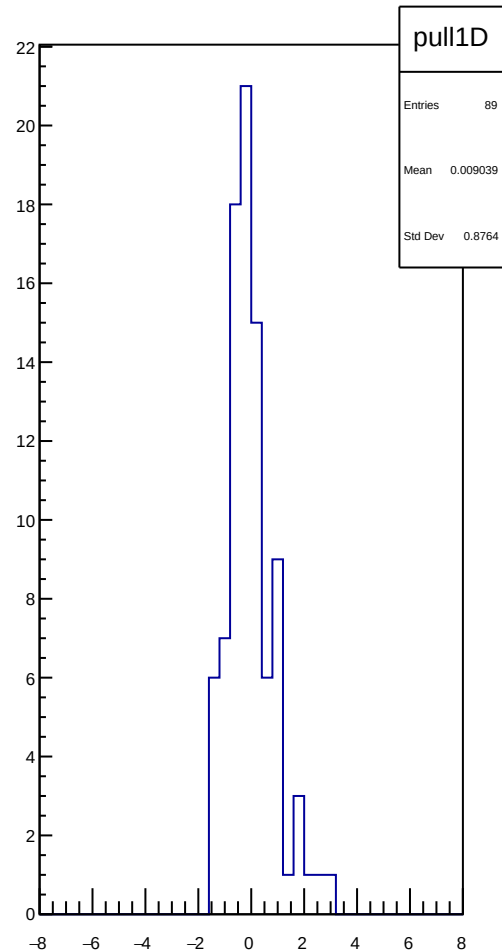
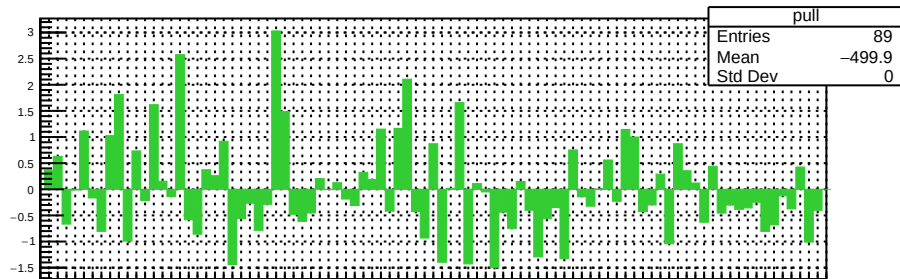
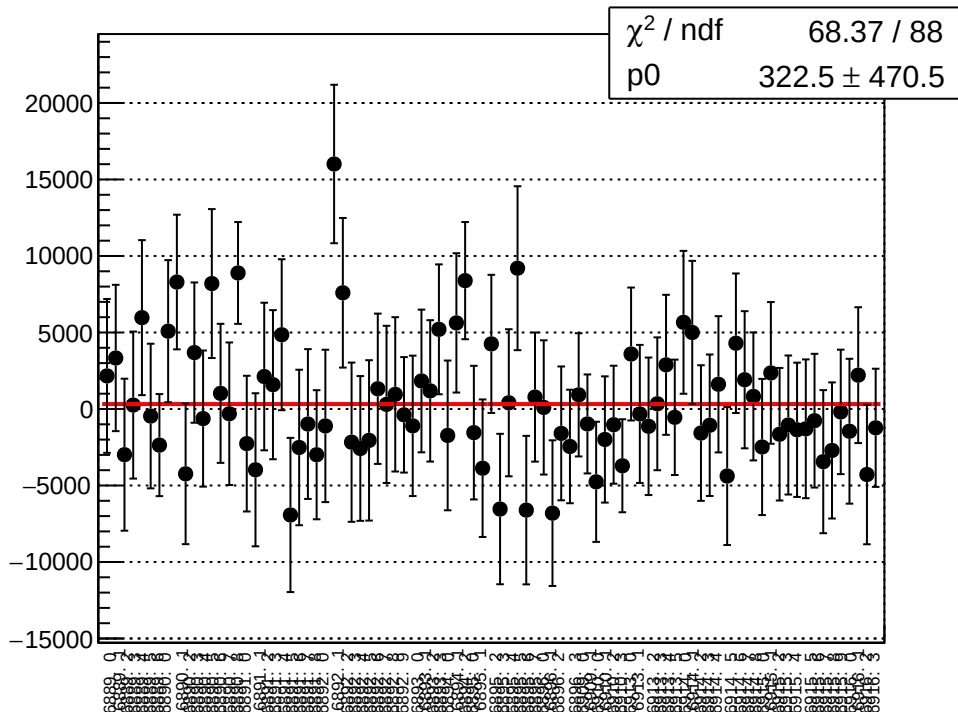
eigen_dit_asym_sam_1357_avg_mean vs run



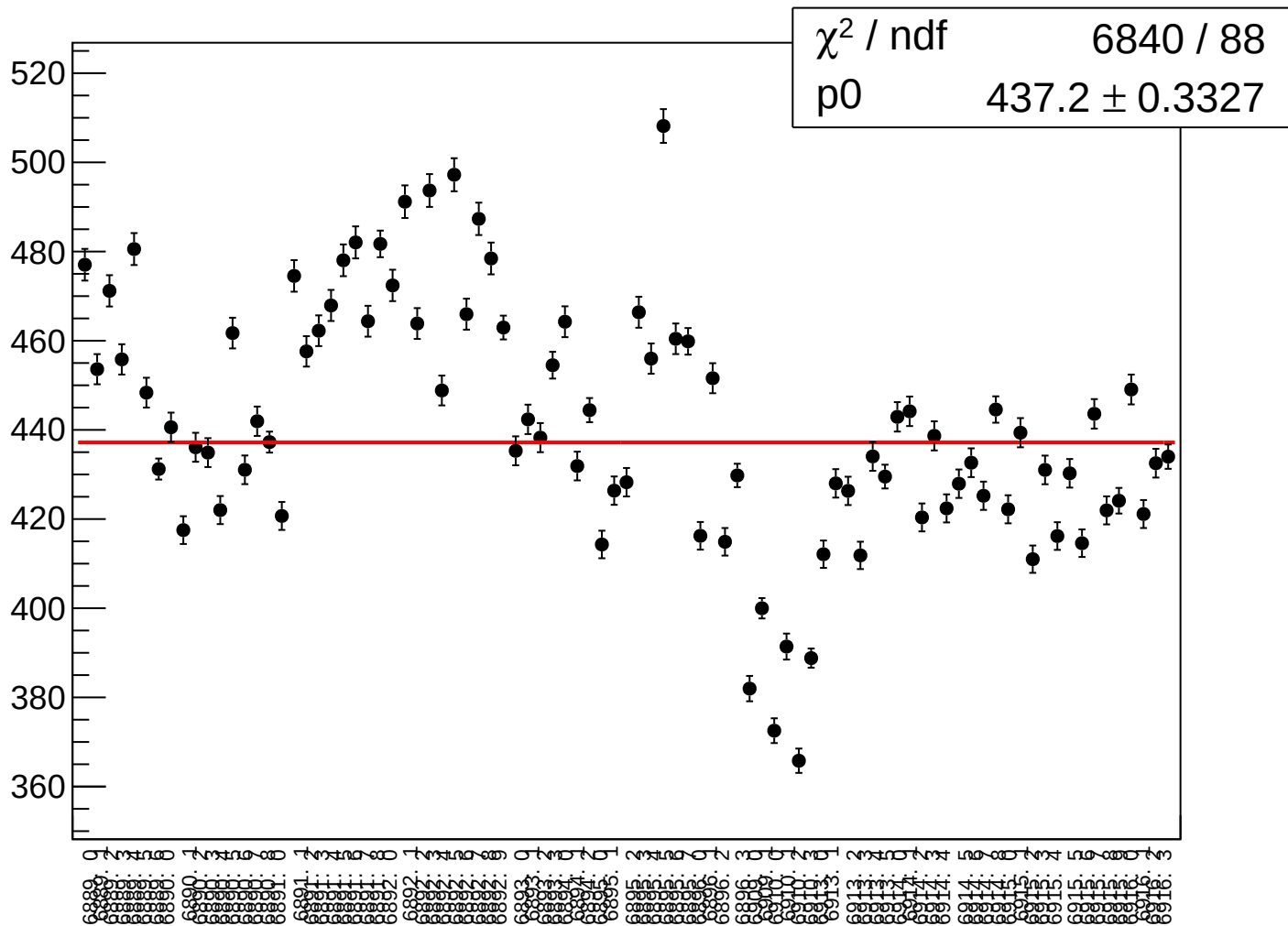
eigen_dit_asym_sam_1357_avg_rms vs run



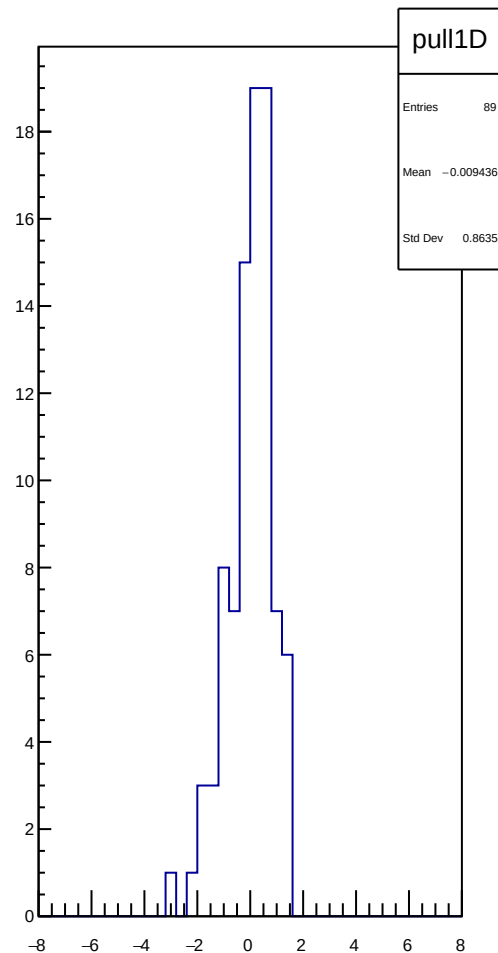
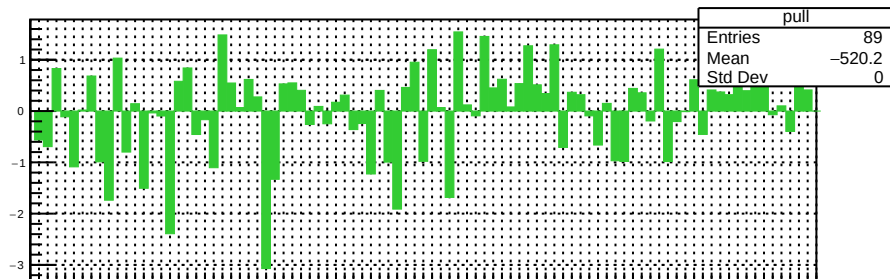
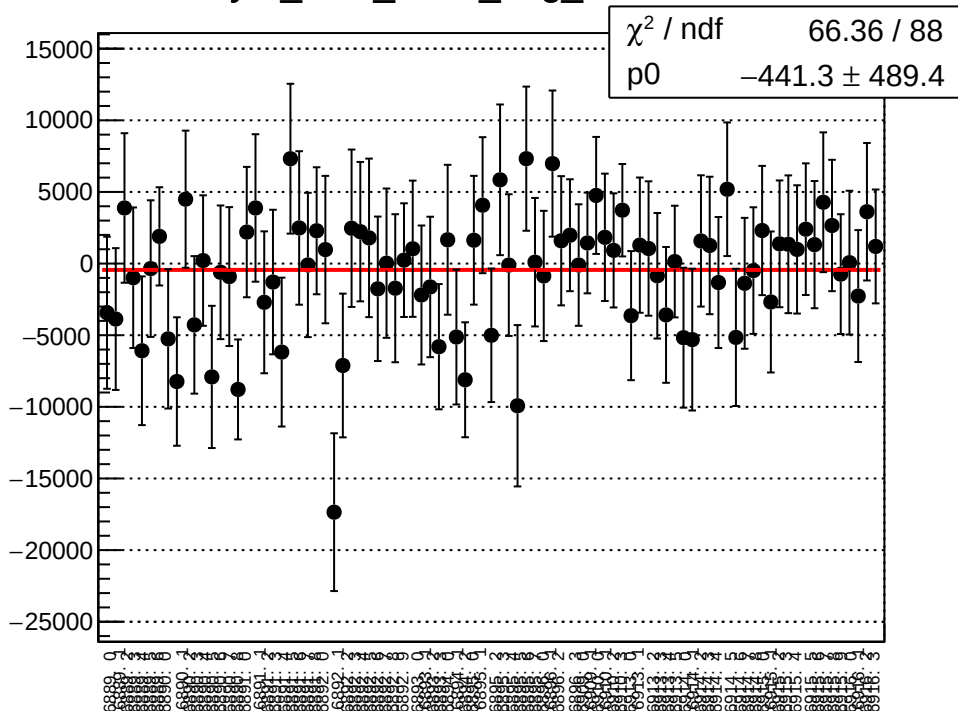
asym_sam_1357_avg_eigen_dit_correction_mean vs un



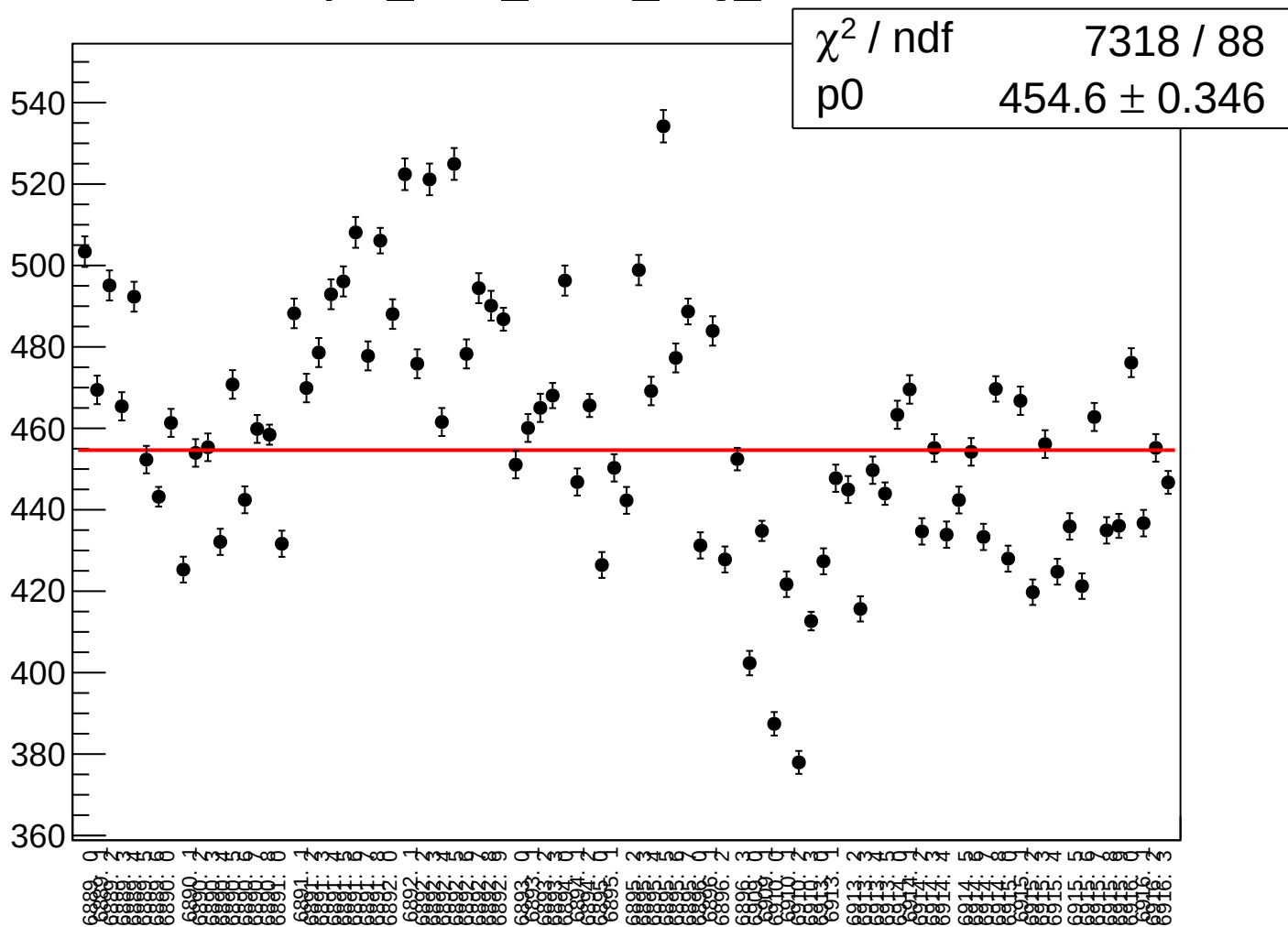
asym_sam_1357_avg_eigen_dit_correction_rms vs run



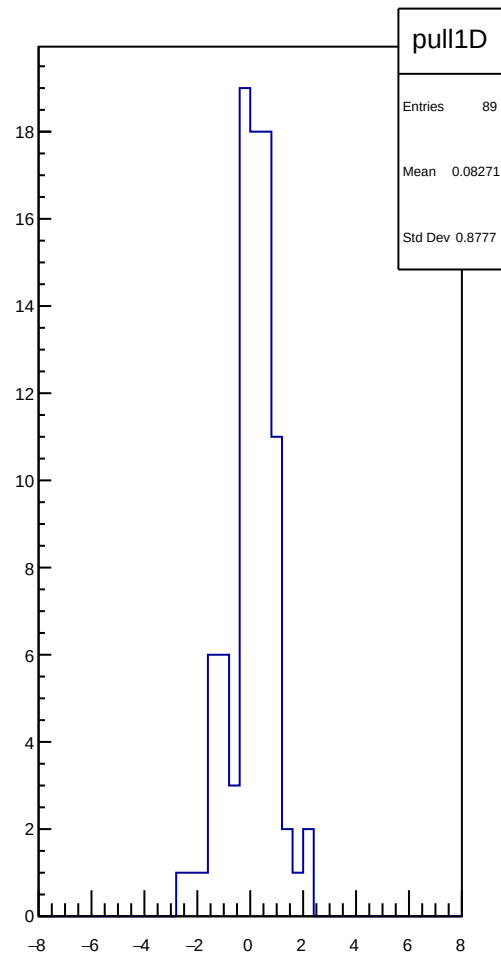
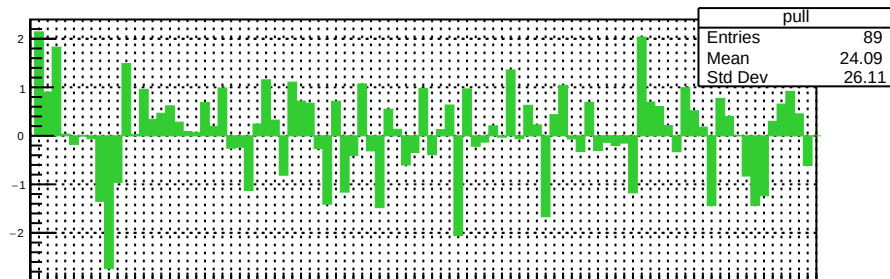
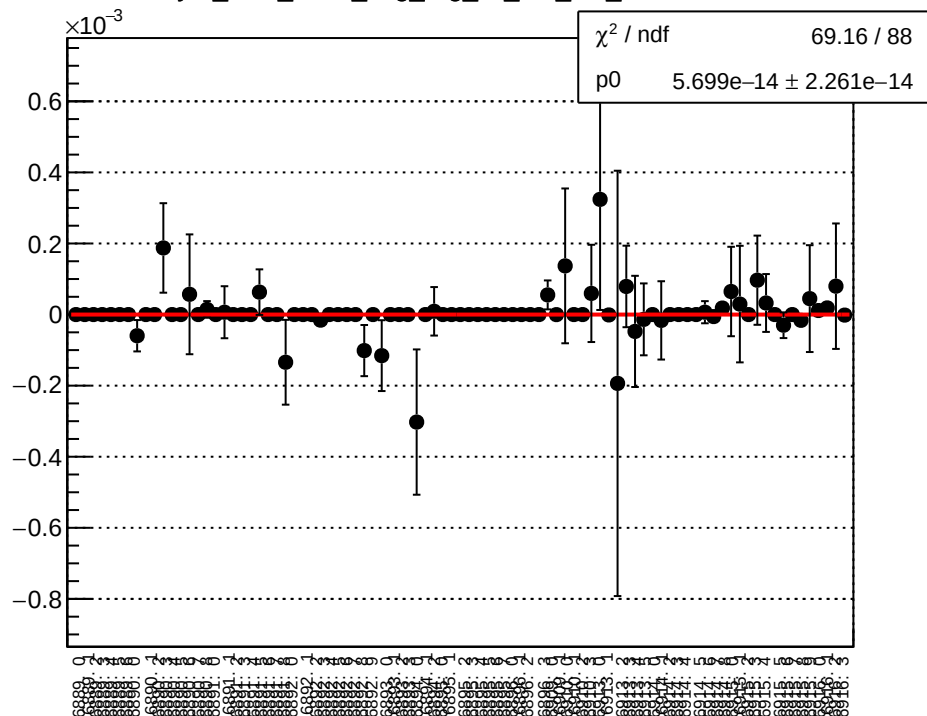
asym_sam_1357_avg_mean vs run



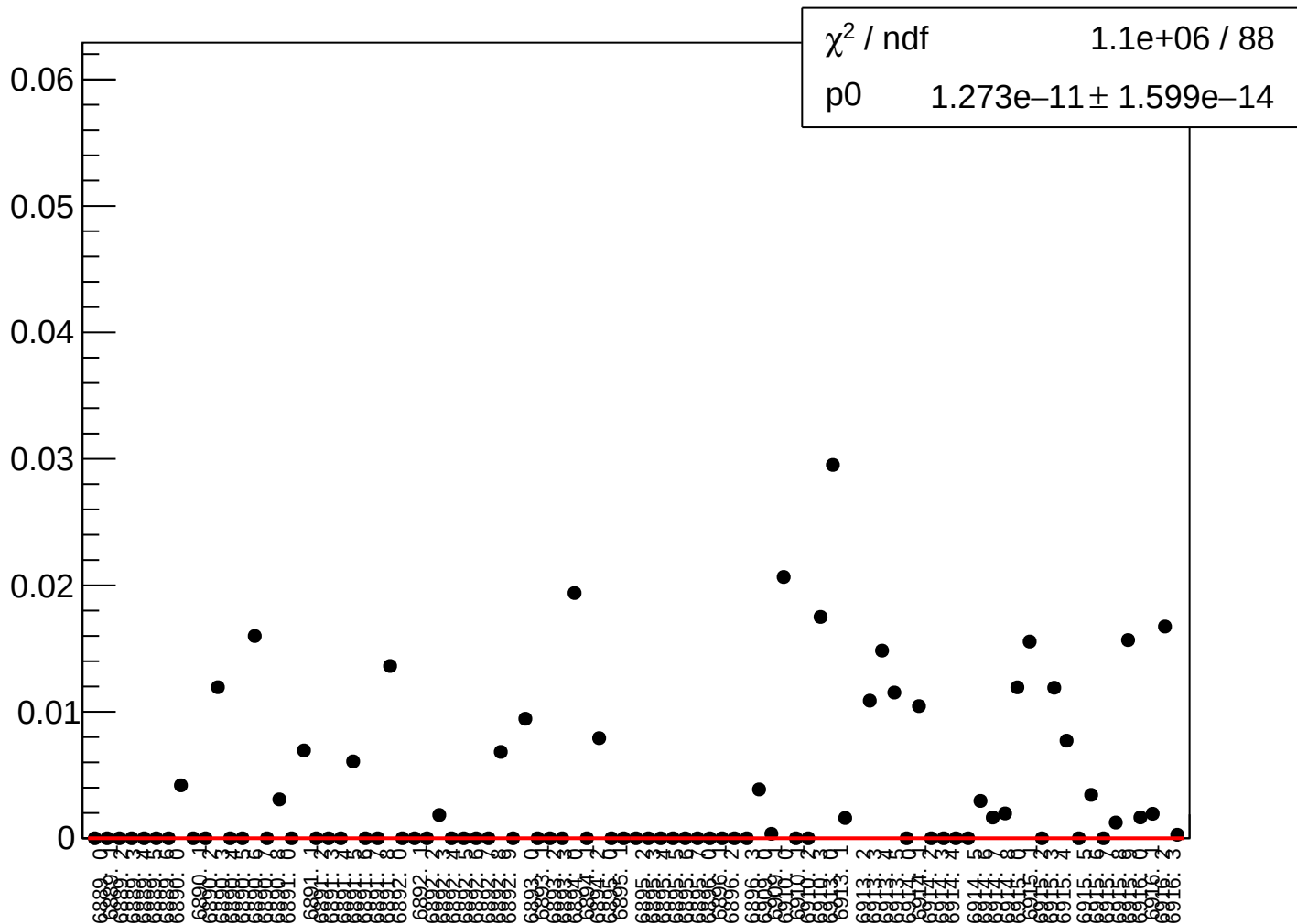
asym_sam_1357_avg_rms vs run



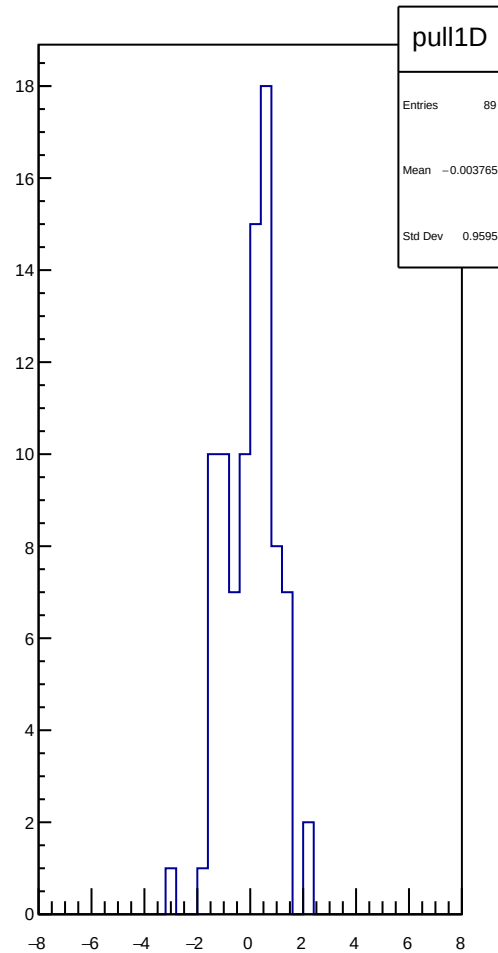
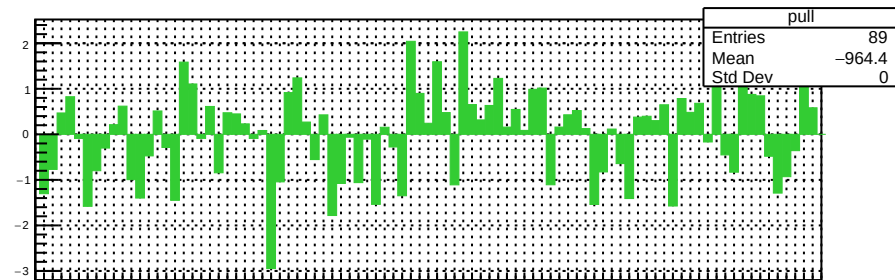
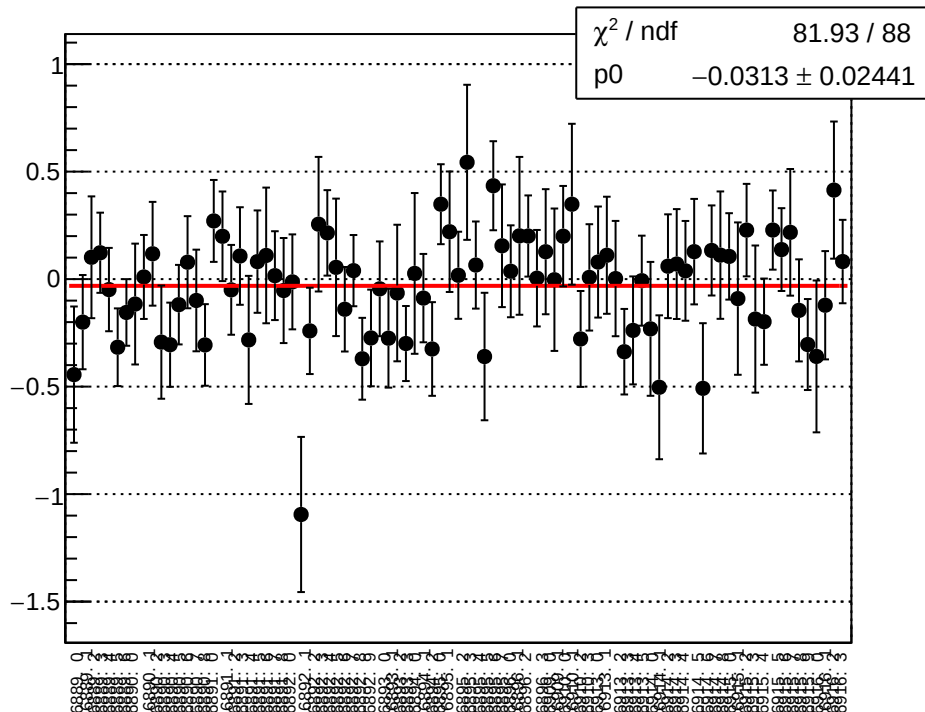
asym_sam_1357_avg_reg_vs_cor_diff_mean vs run



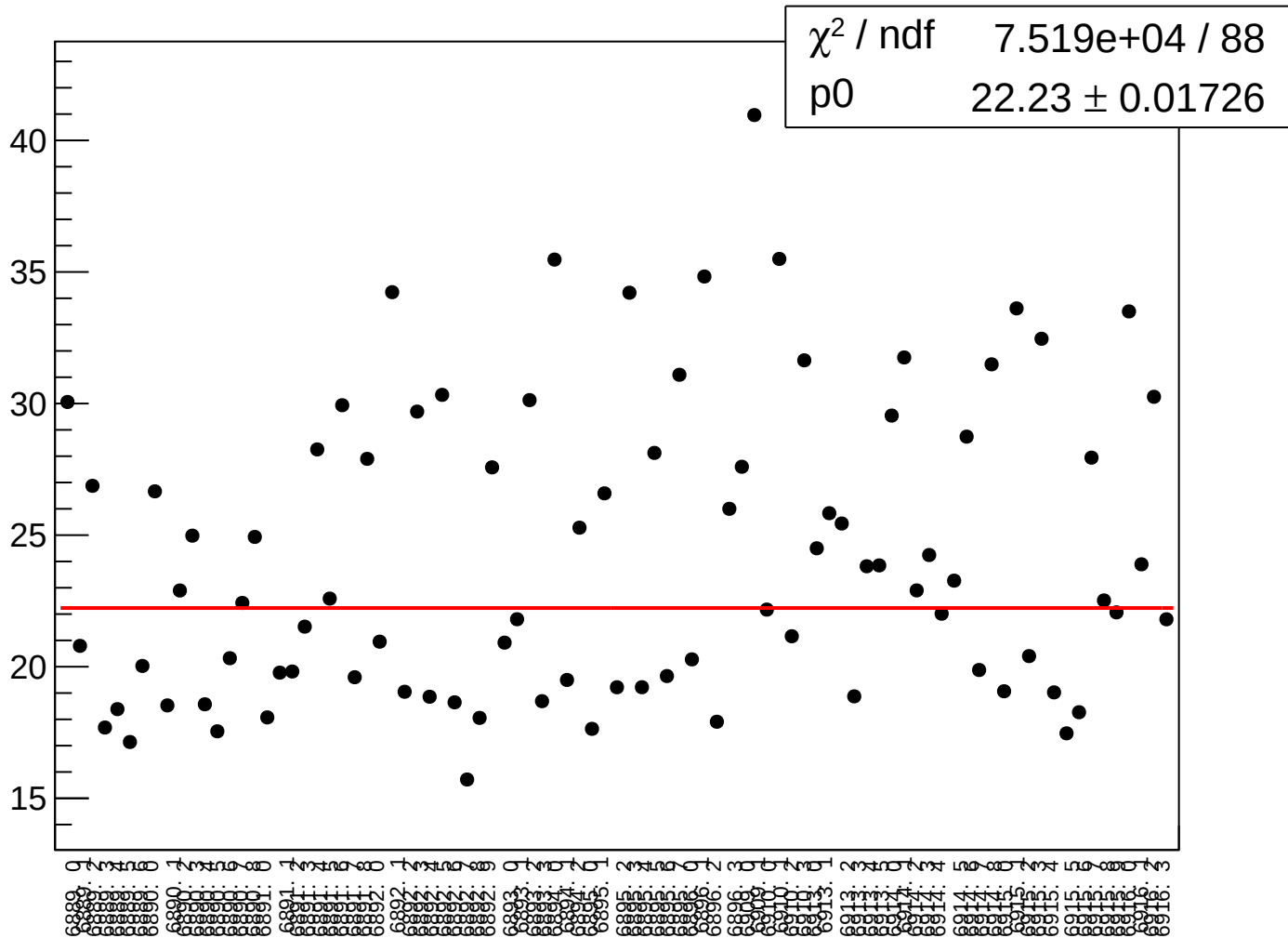
asym_sam_1357_avg_reg_vs_cor_diff_rms vs run



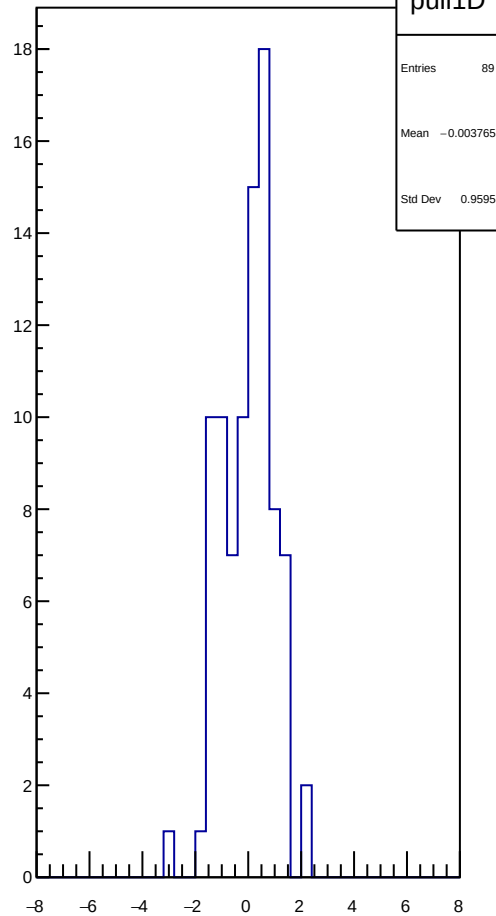
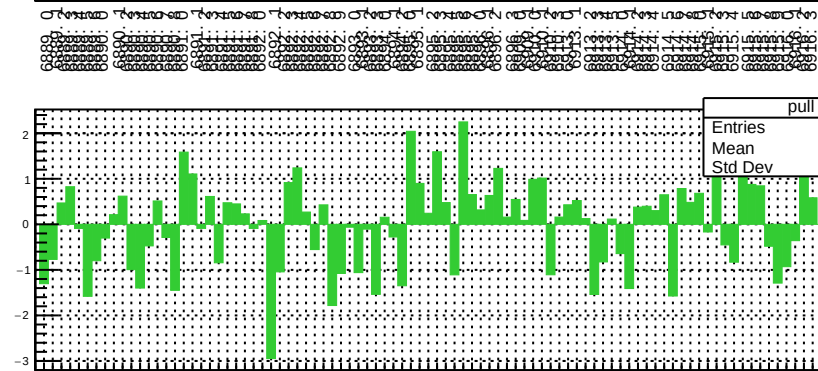
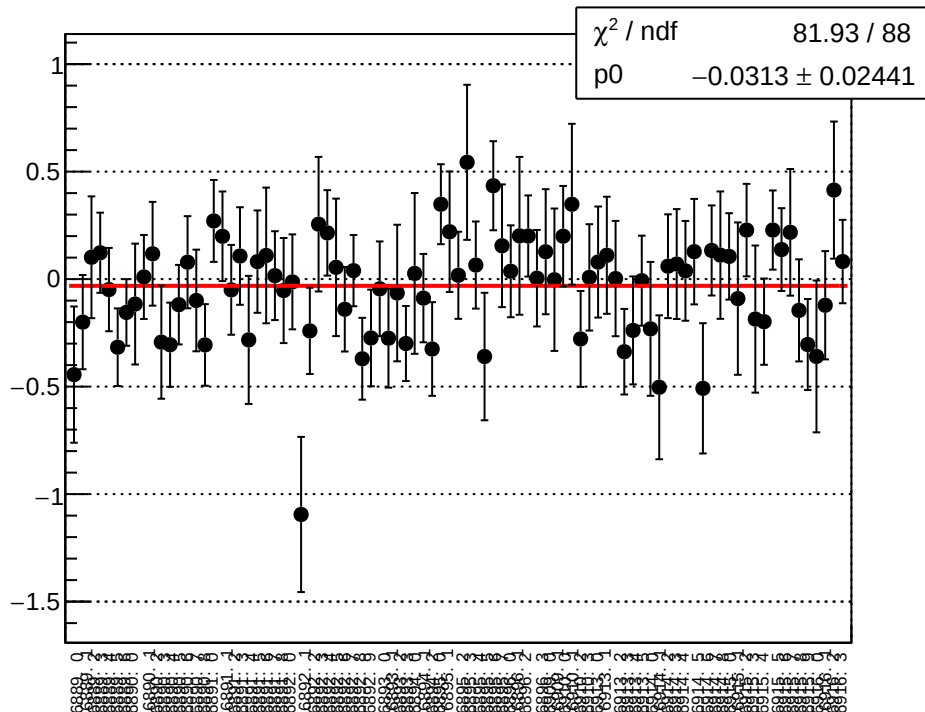
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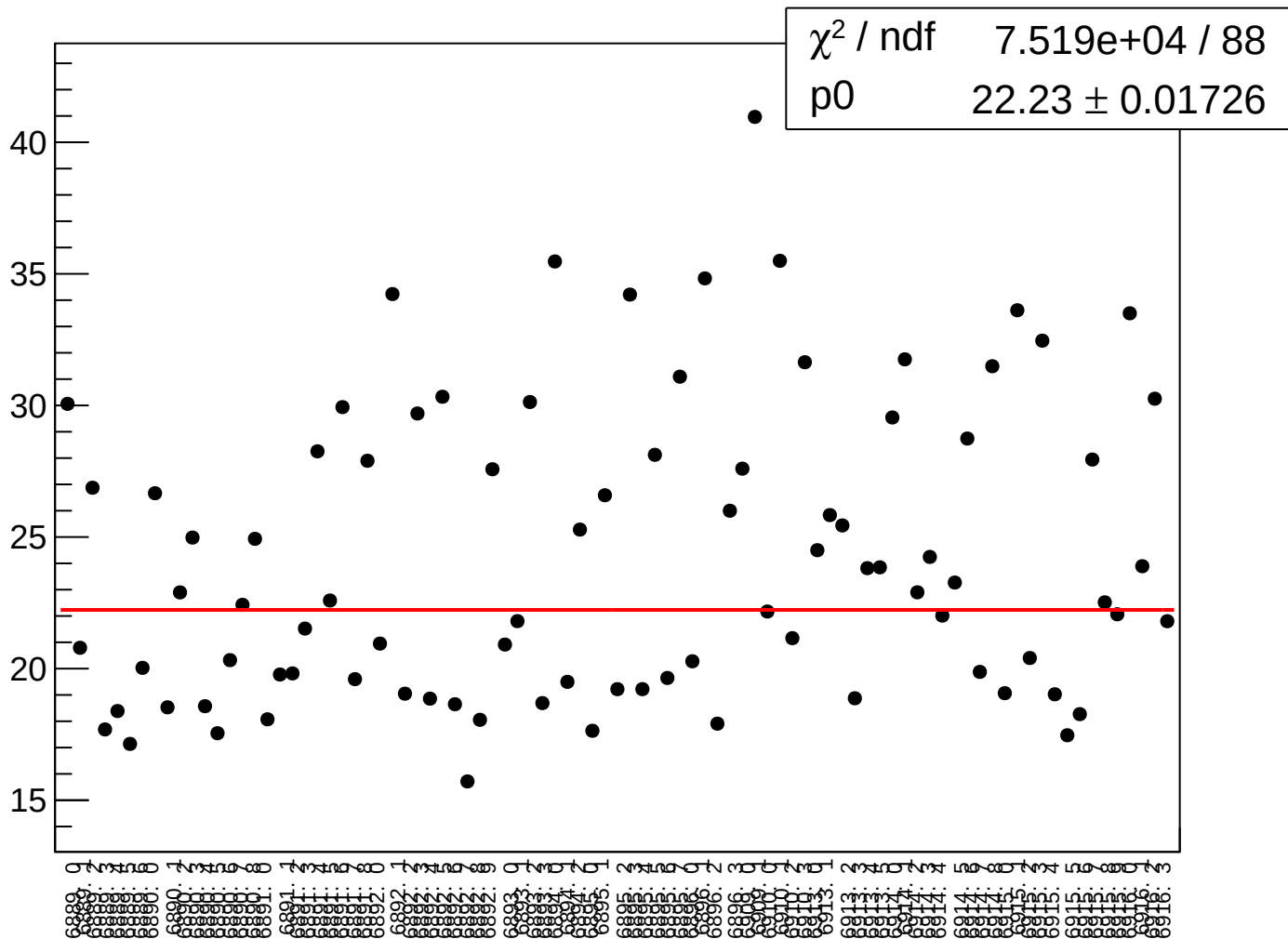
asym_sam_1357_avg_dit_vs_cor_diff_rms vs run



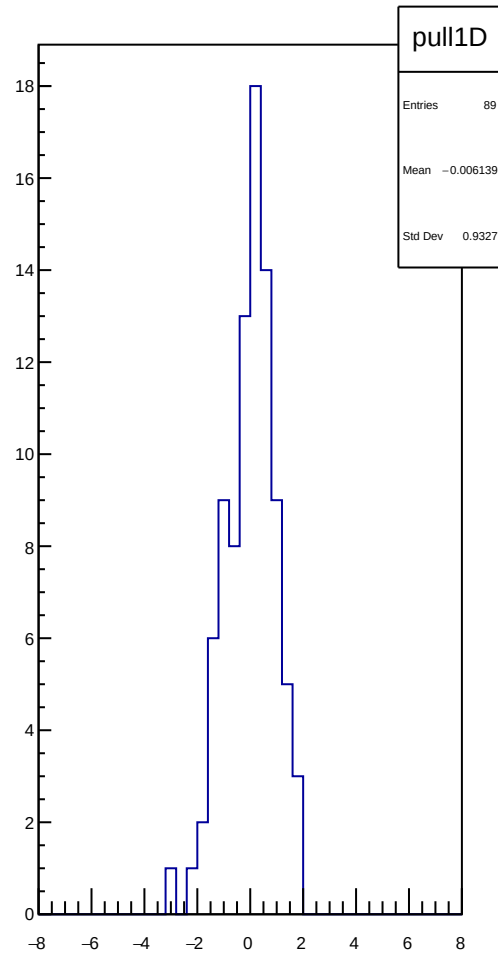
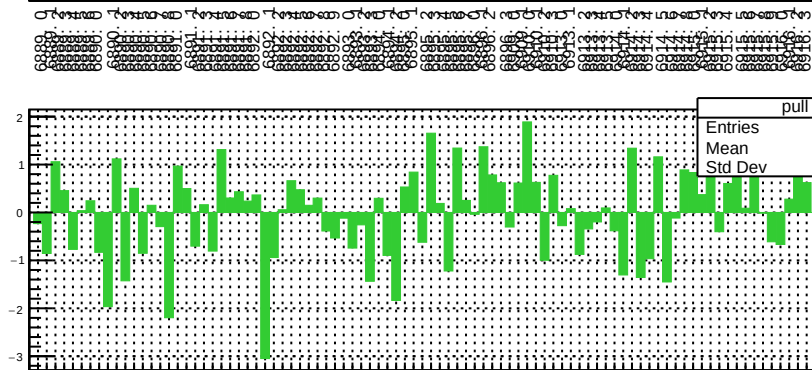
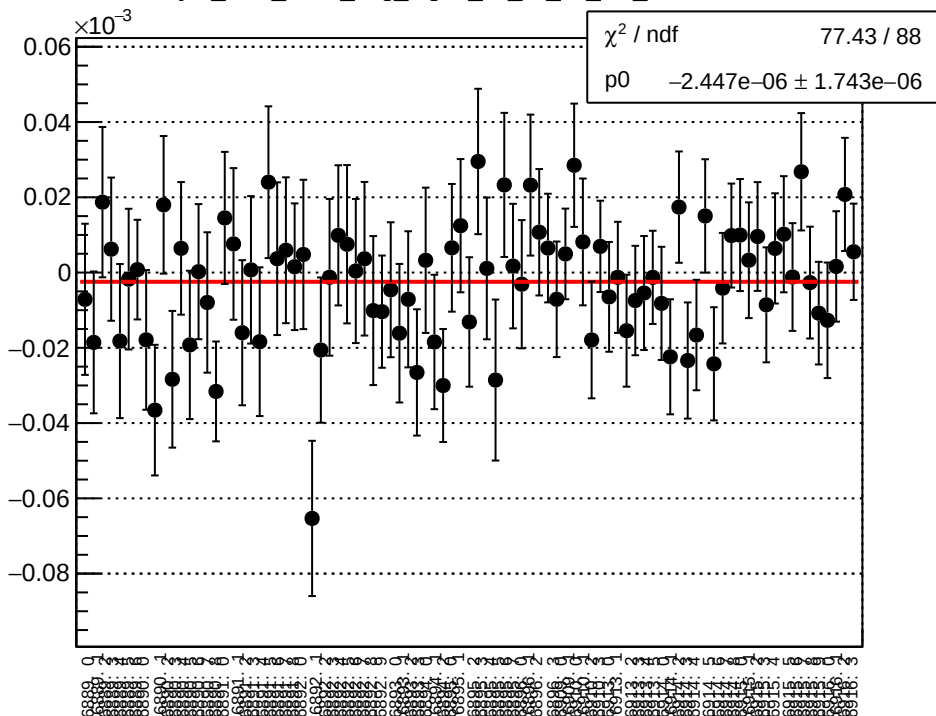
asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs run



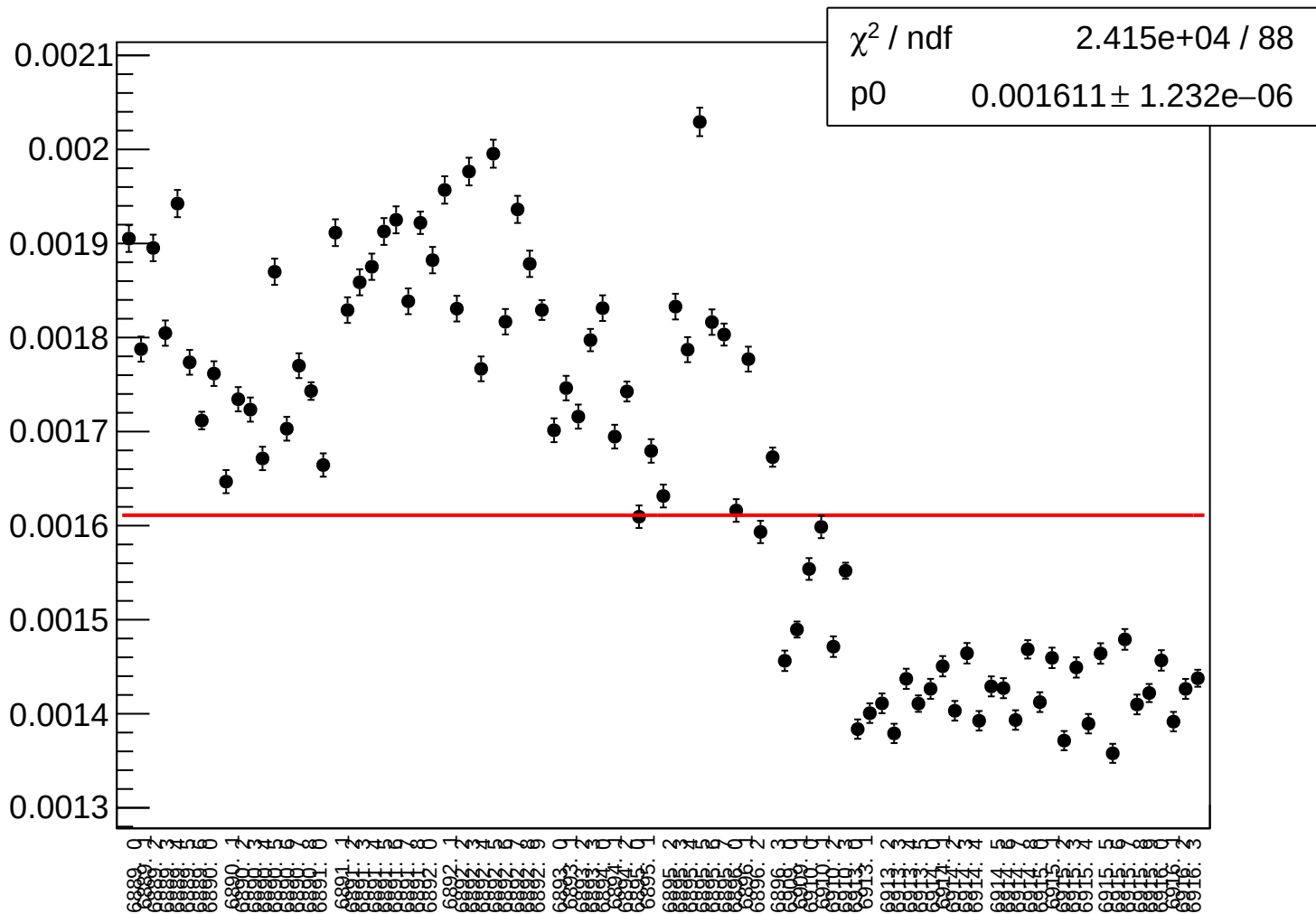
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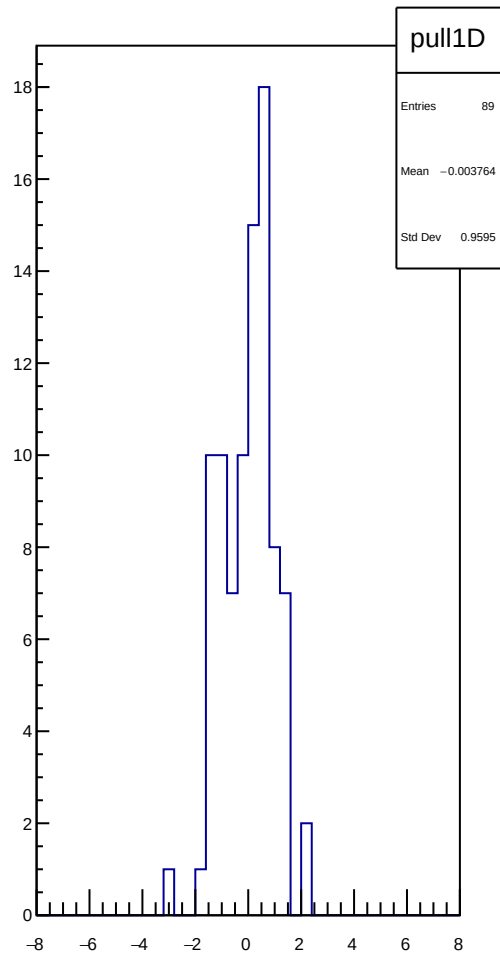
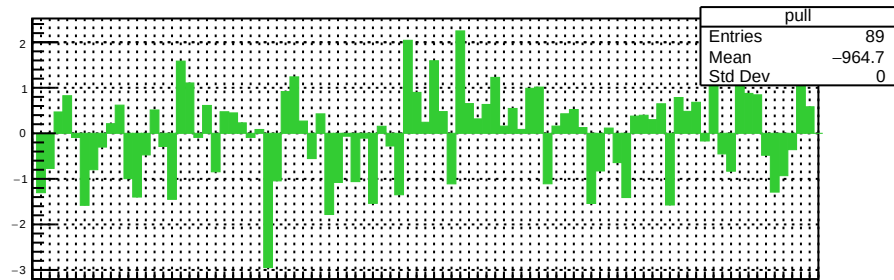
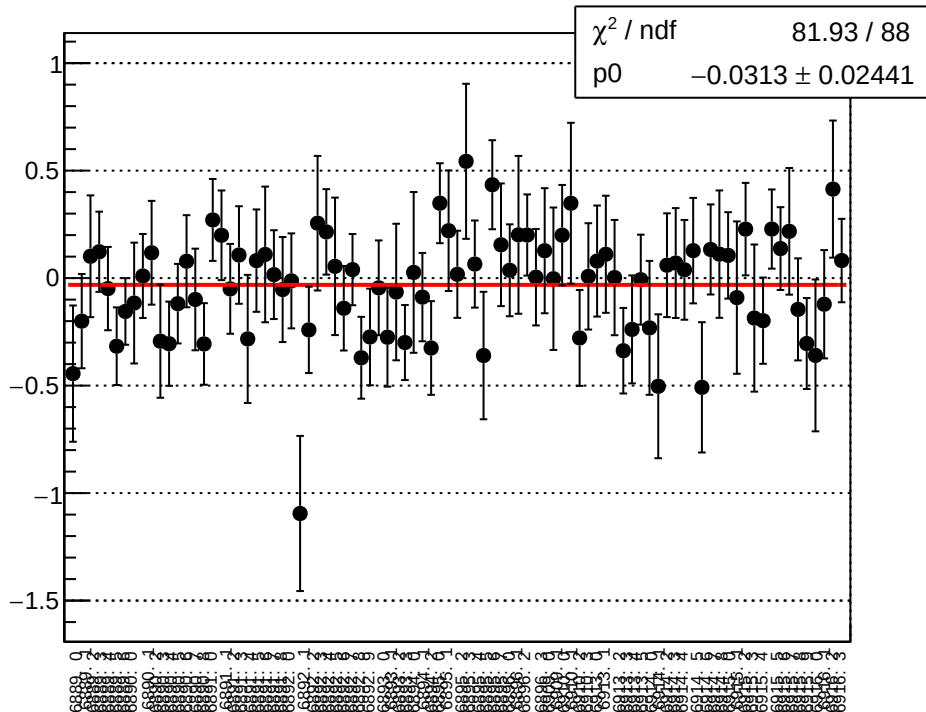
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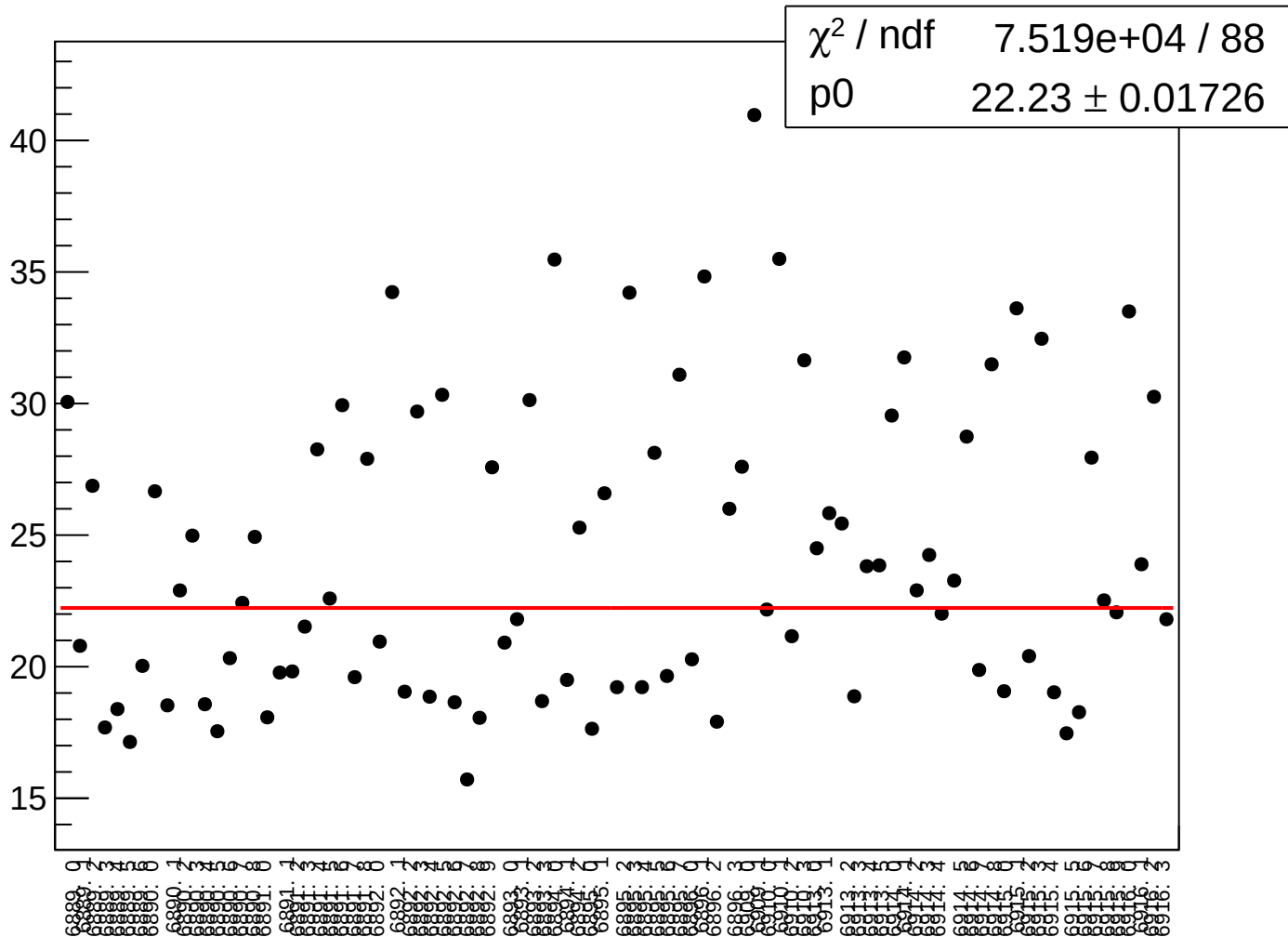
asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs run



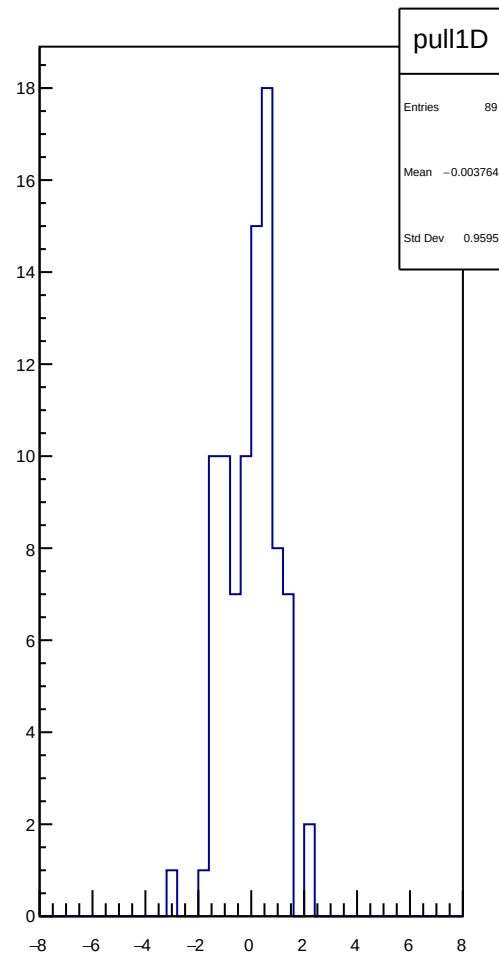
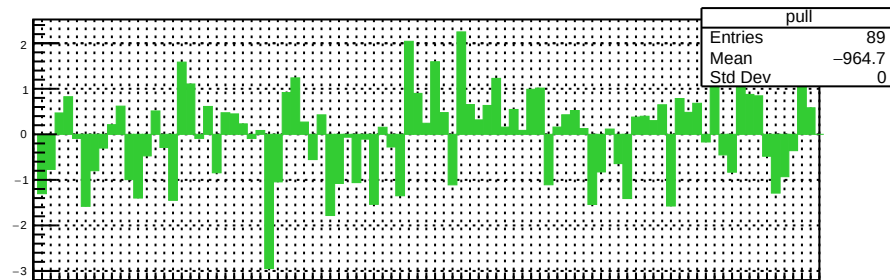
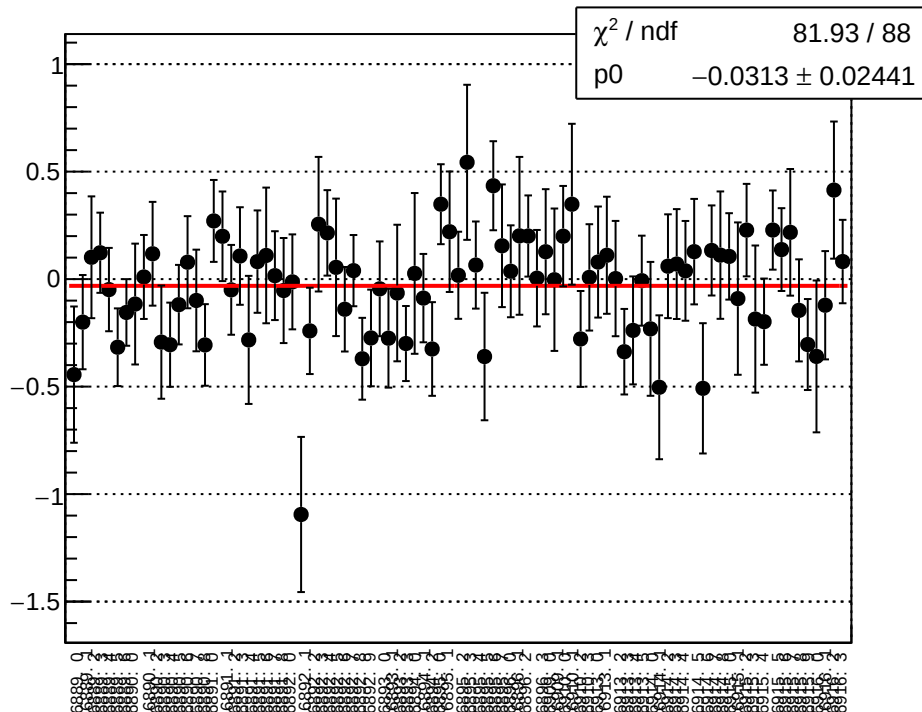
asym sam 1357 avg eigen dit vs cor diff mean vs run



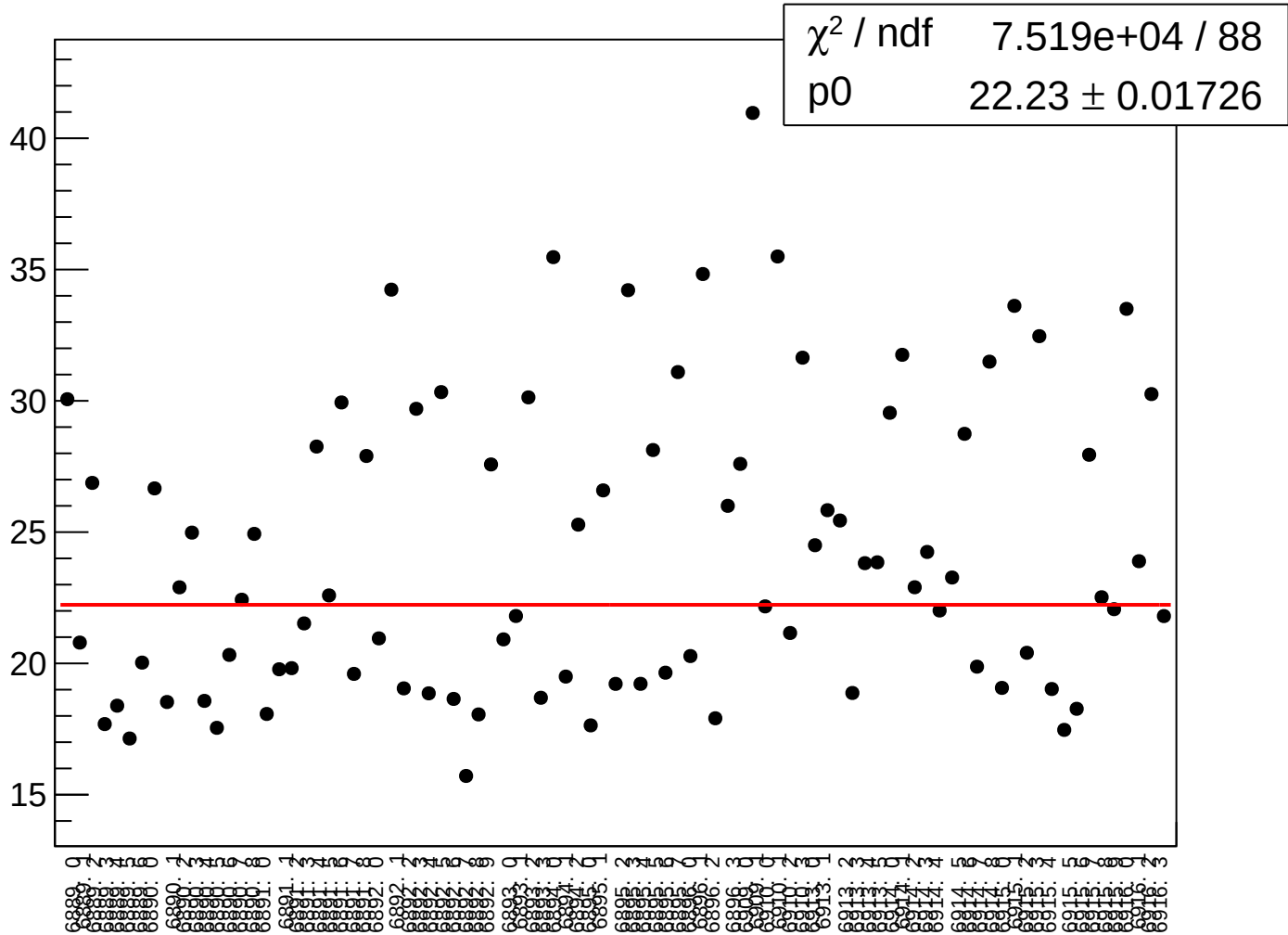
asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs run



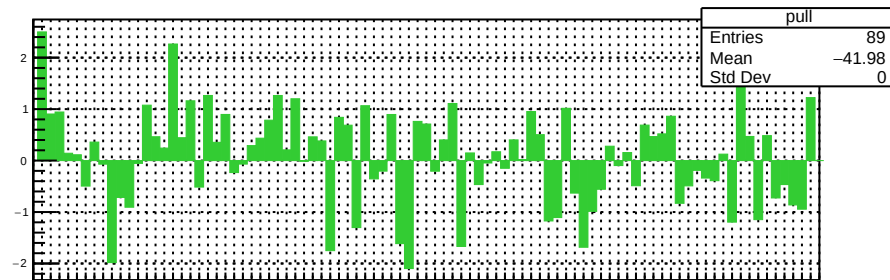
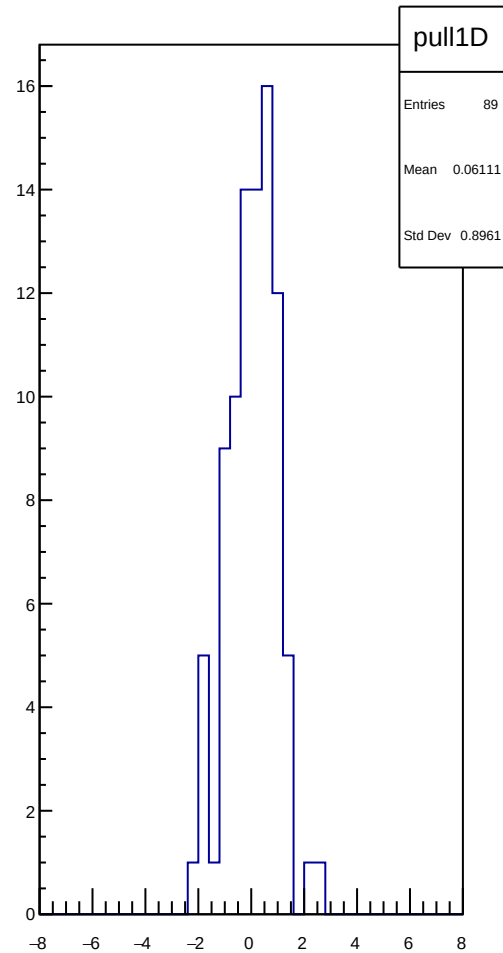
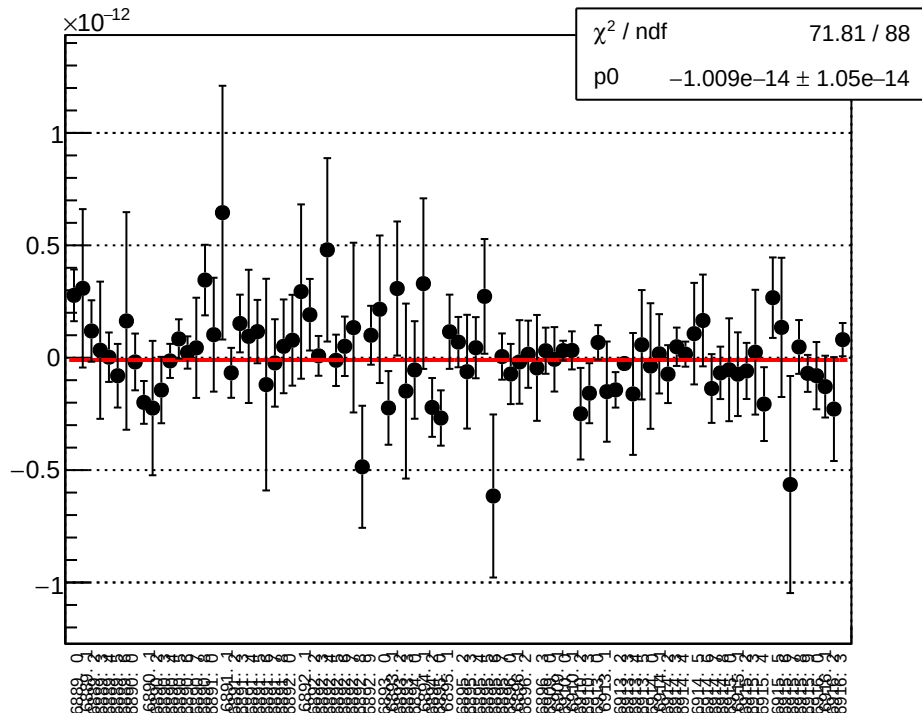
asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs run



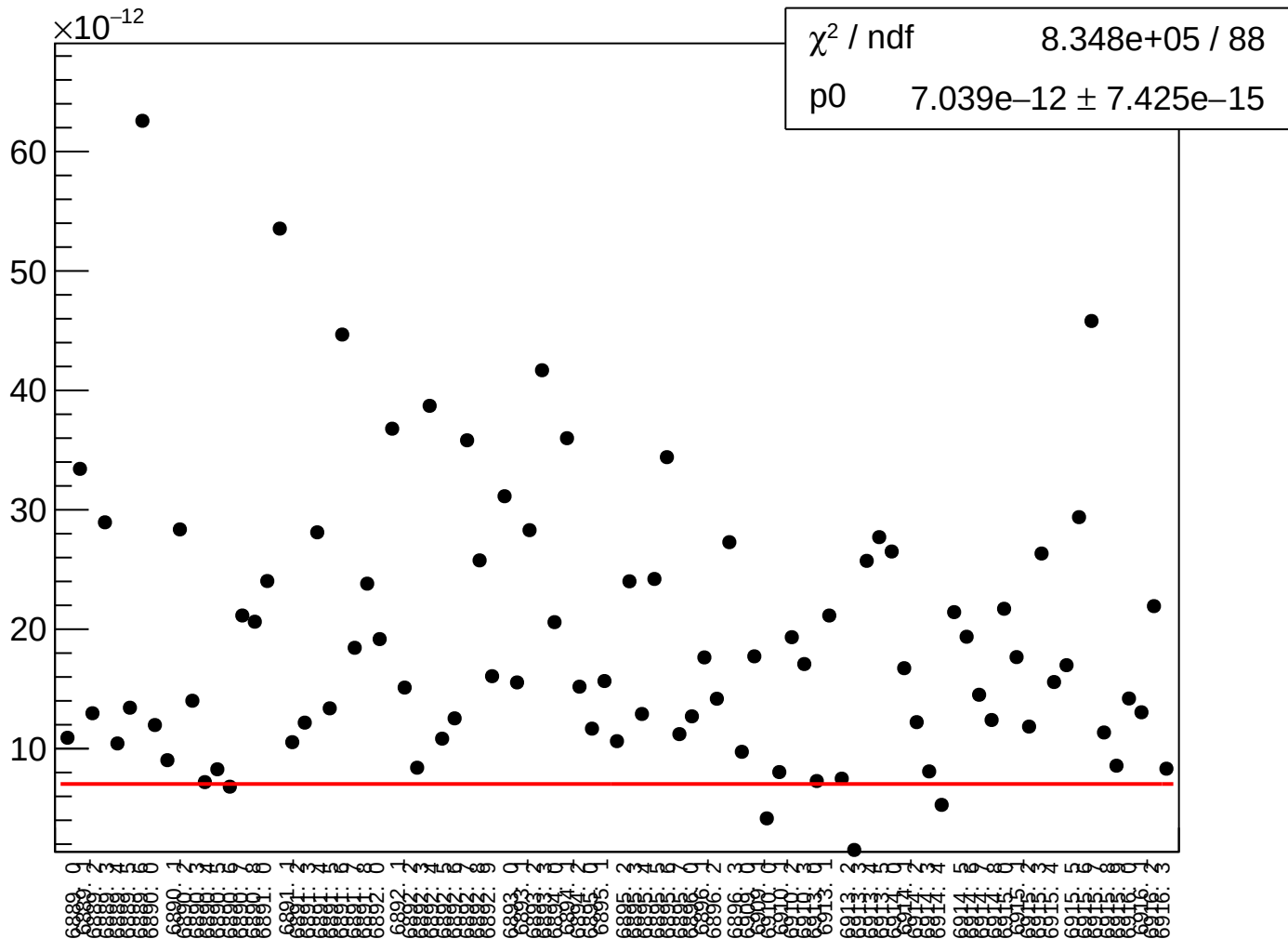
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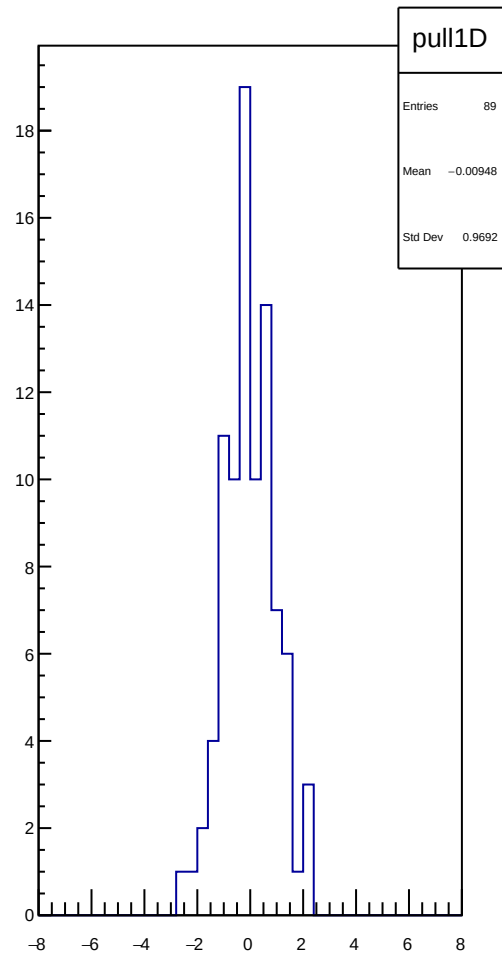
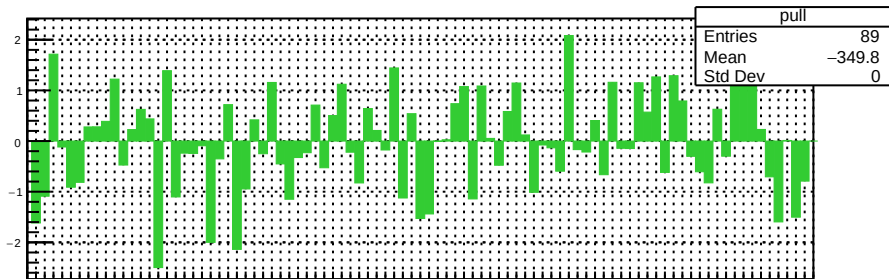
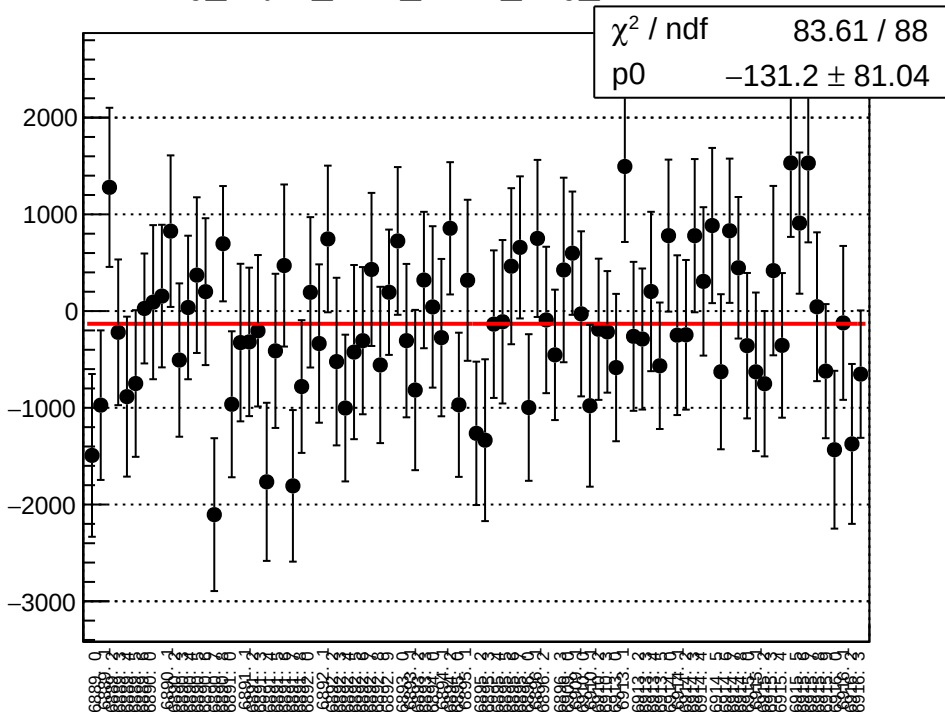
asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs run



asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_2468_avg_mean vs run



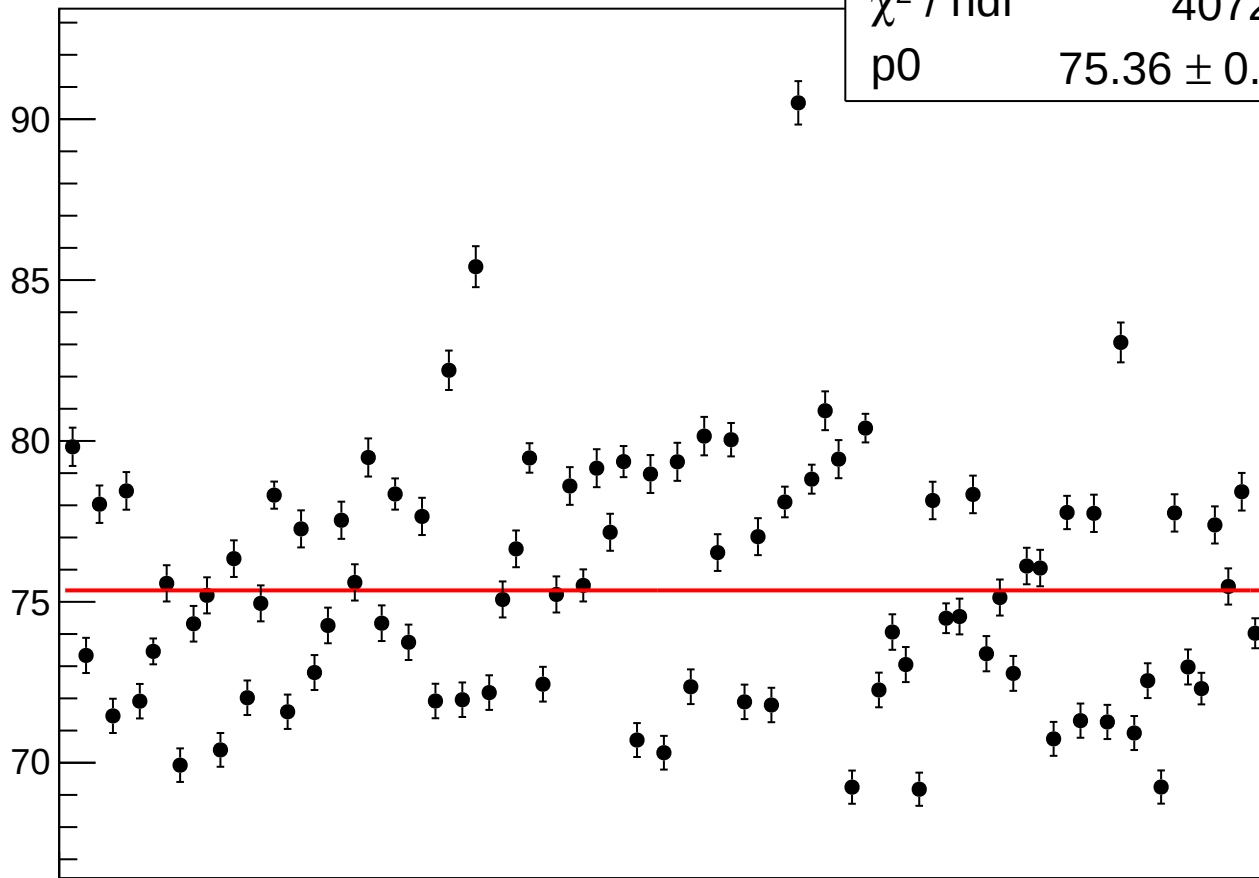
reg_asym_sam_2468_avg_rms vs run

χ^2 / ndf

4072 / 88

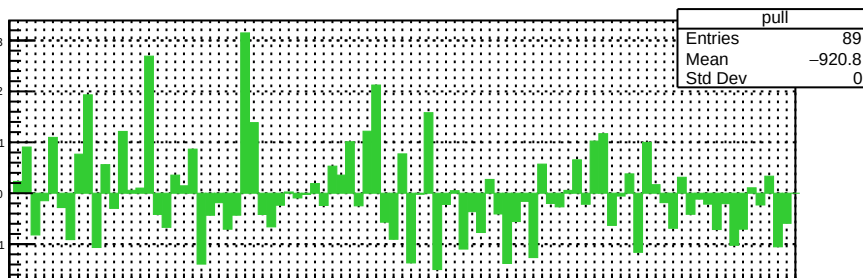
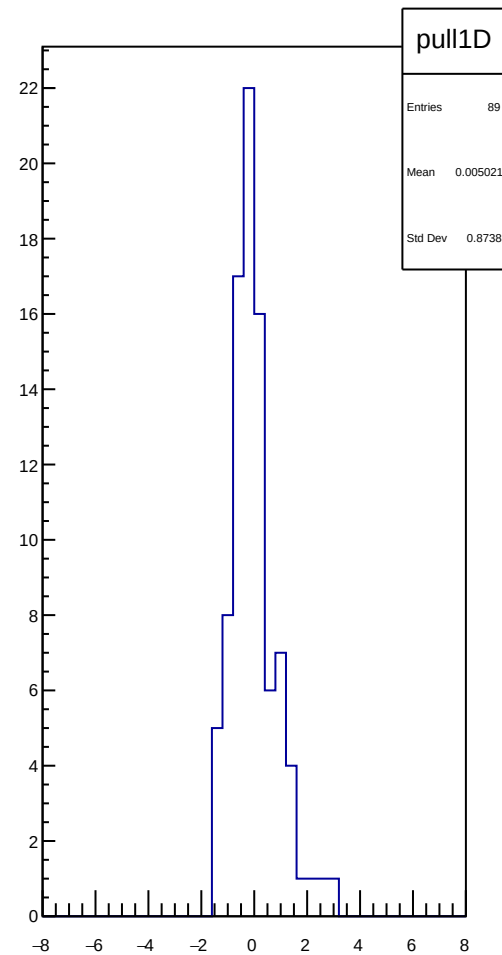
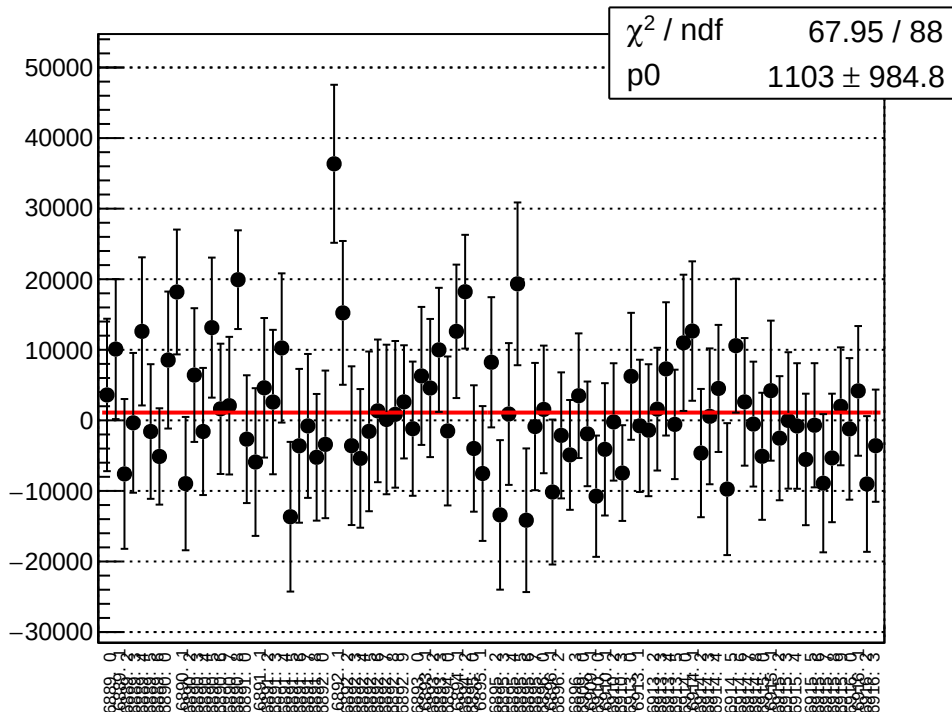
p0

75.36 ± 0.0573

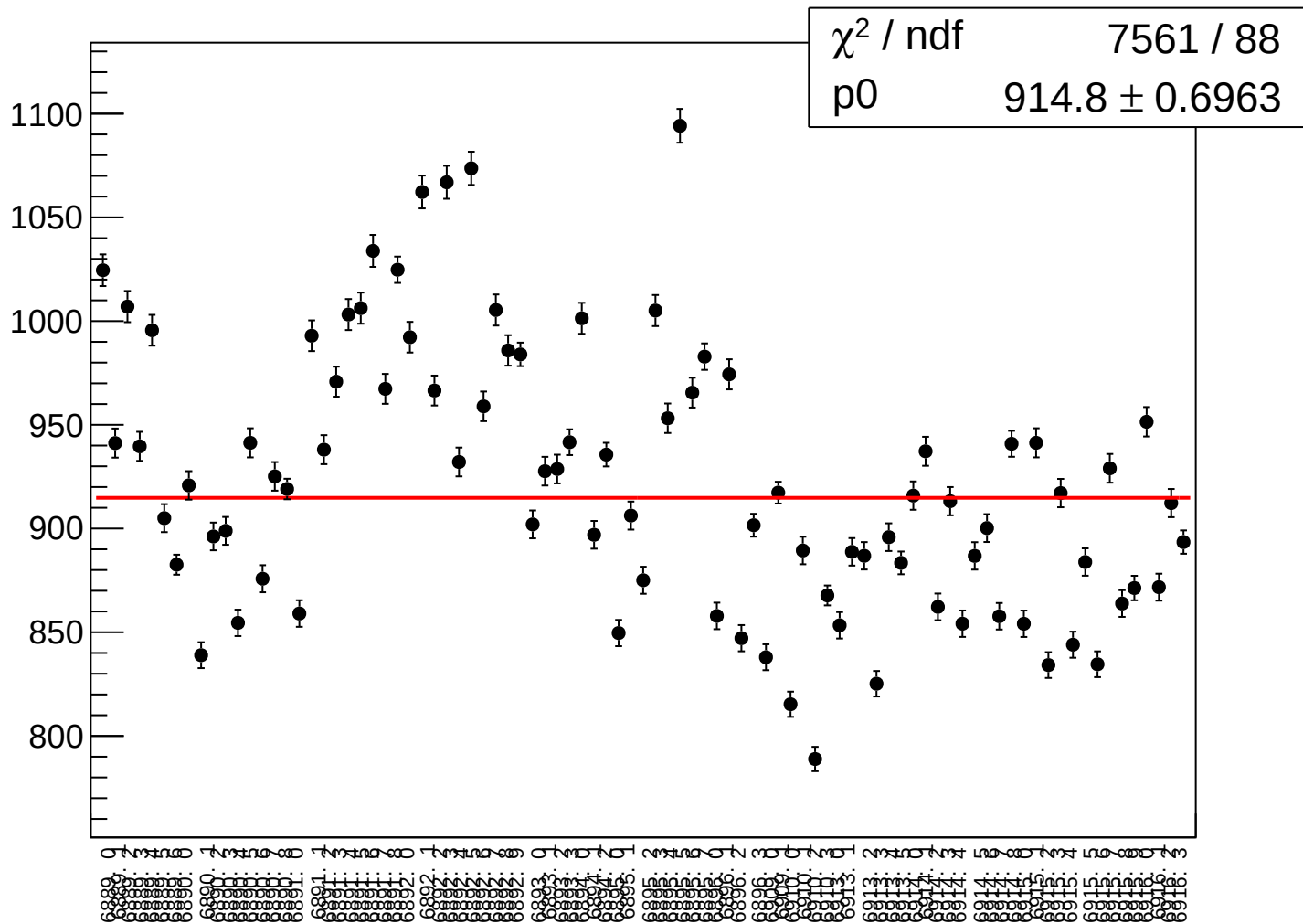


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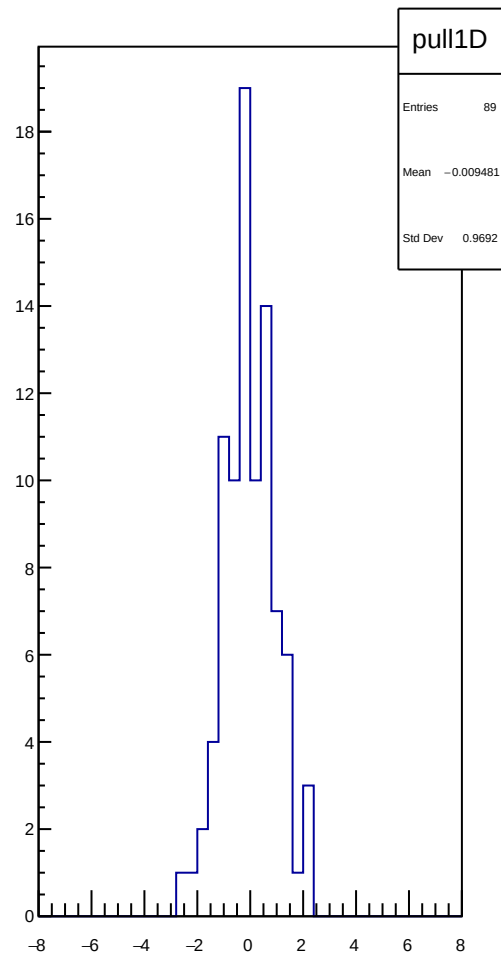
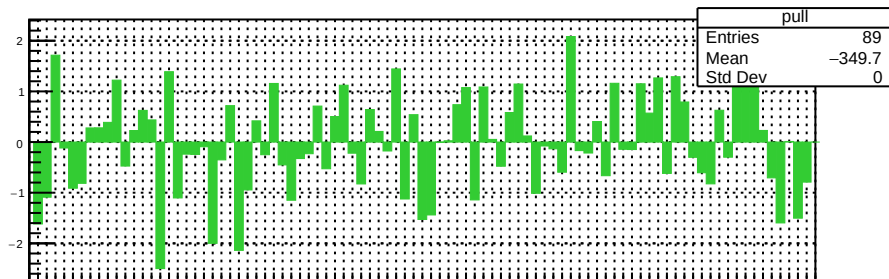
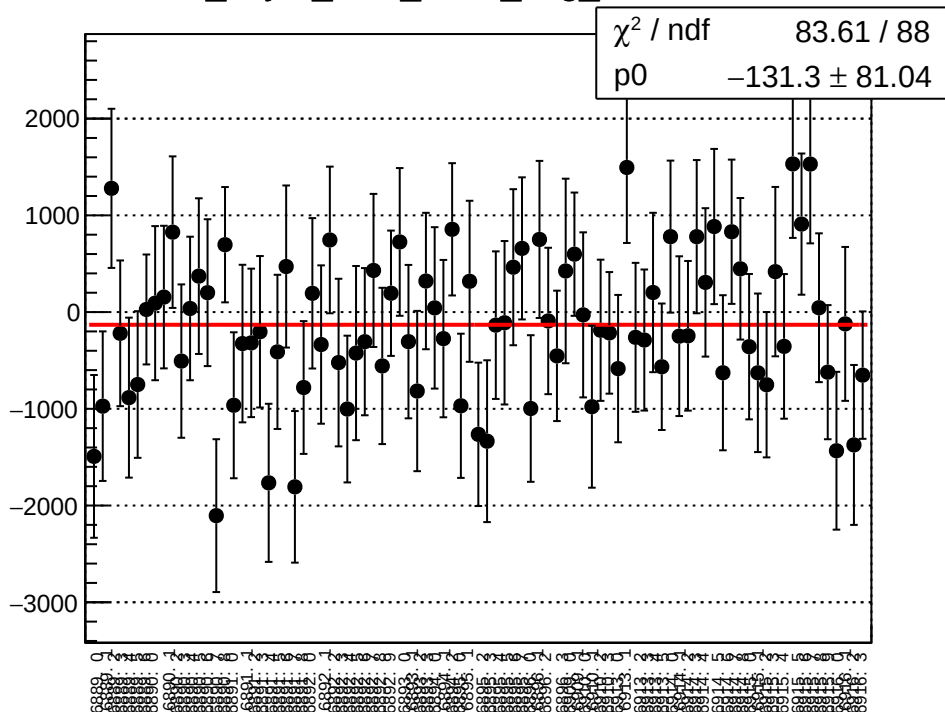
asym_sam_2468_avg_reg_correction_mean vs run



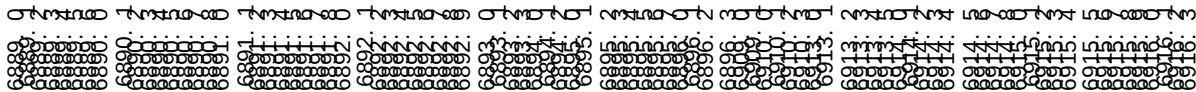
asym_sam_2468_avg_reg_correction_rms vs run



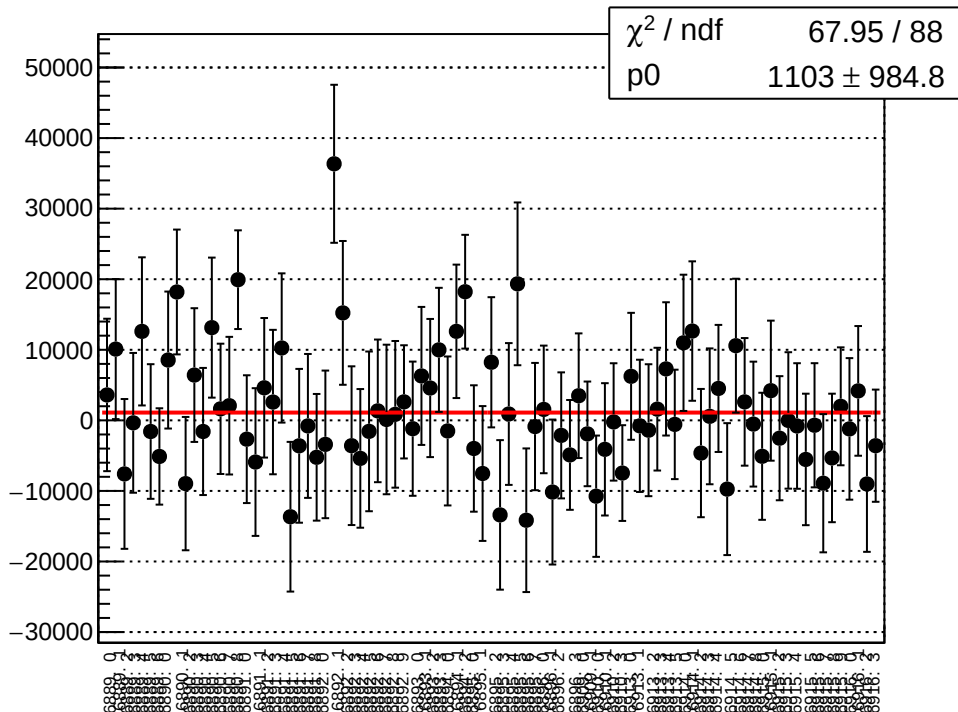
cor_asym_sam_2468_avg_mean vs run



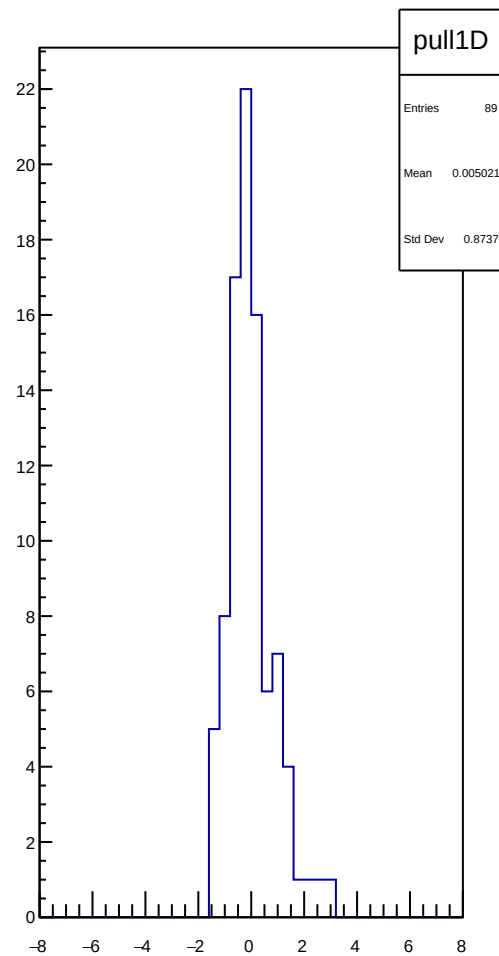
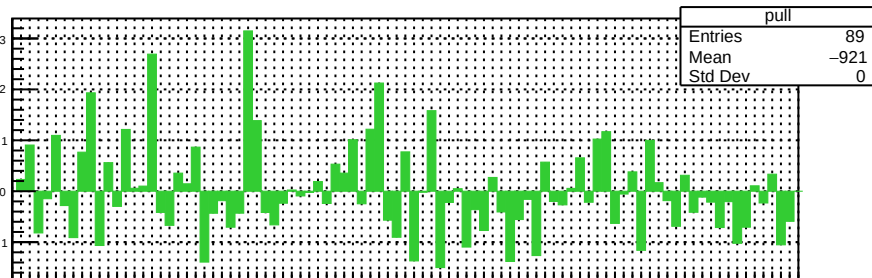
χ^2 / ndf	4072 / 88
p0	75.36 ± 0.0573



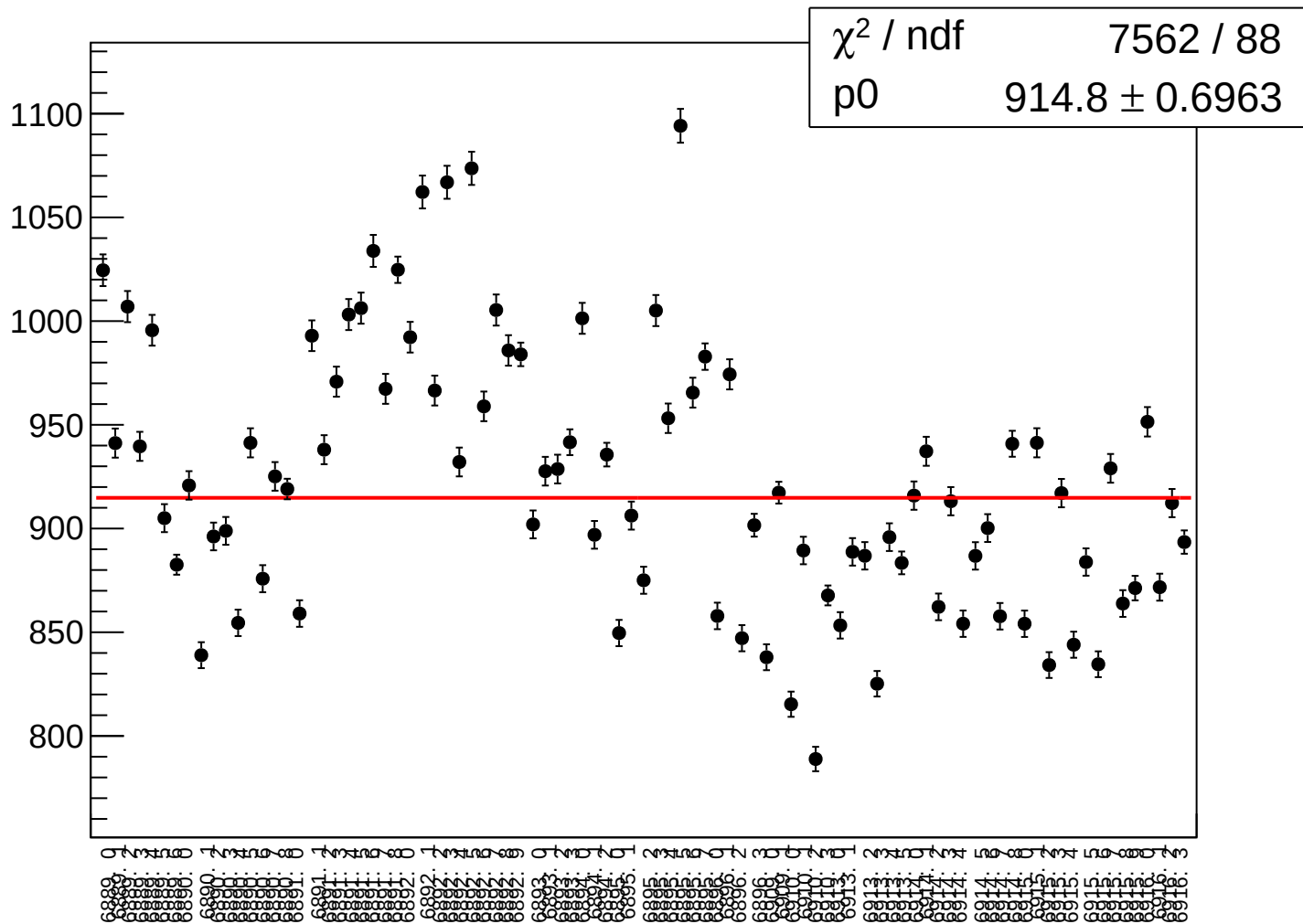
asym_sam_2468_avg_cor_correction_mean vs run



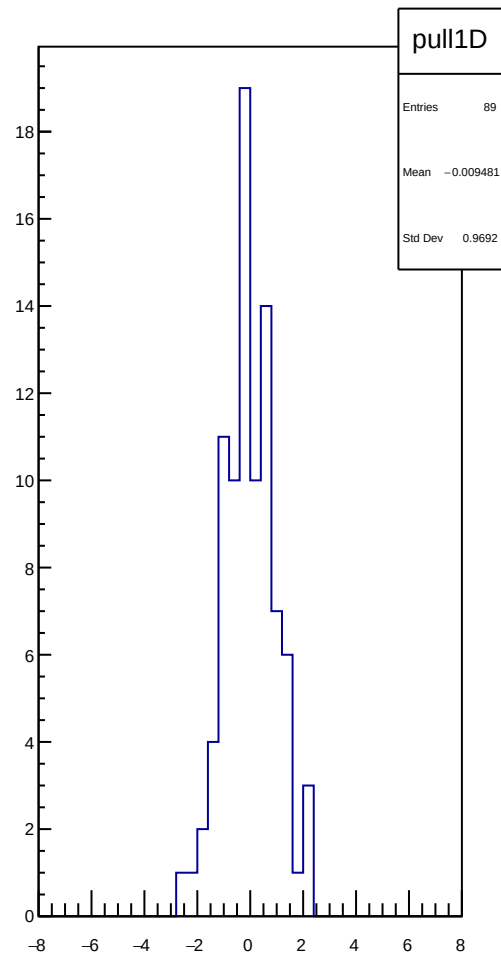
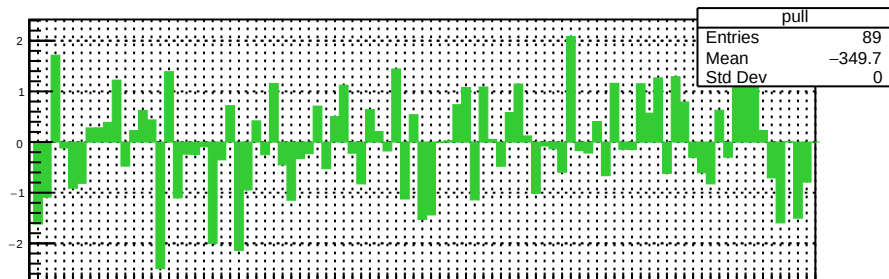
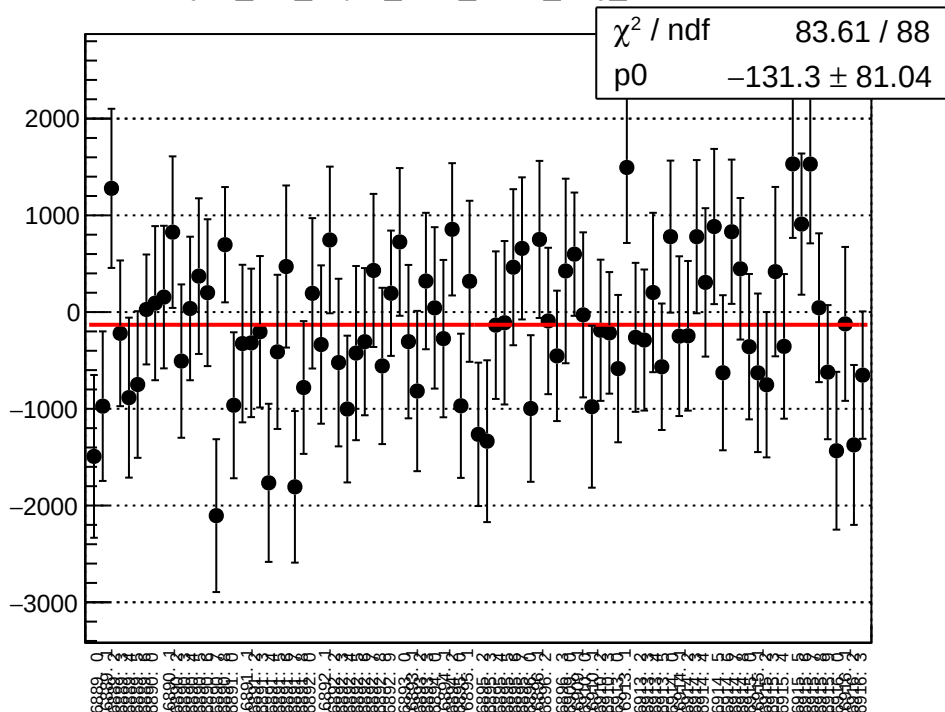
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asym_sam_2468_avg_cor_correction_rms vs run



eigen_cor_asym_sam_2468_avg_mean vs run



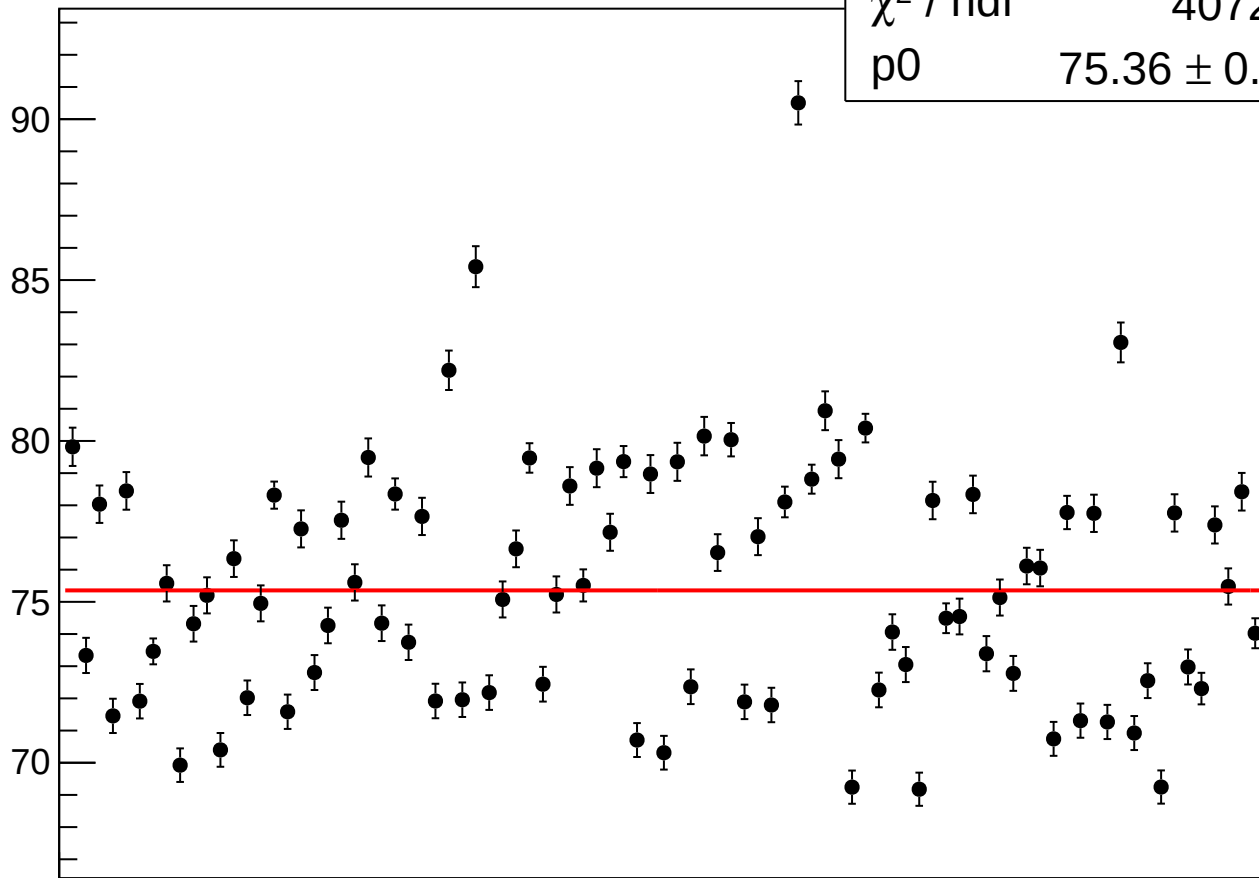
eigen_cor_asym_sam_2468_avg_rms vs run

χ^2 / ndf

4072 / 88

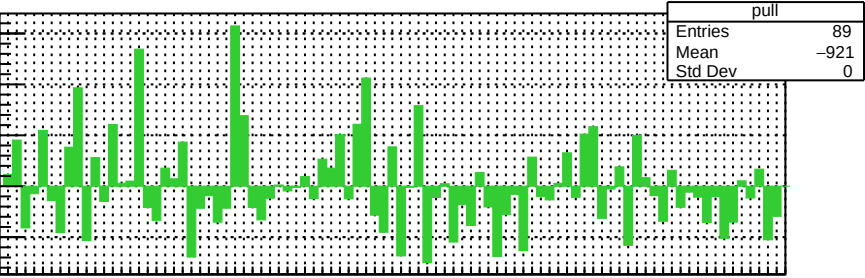
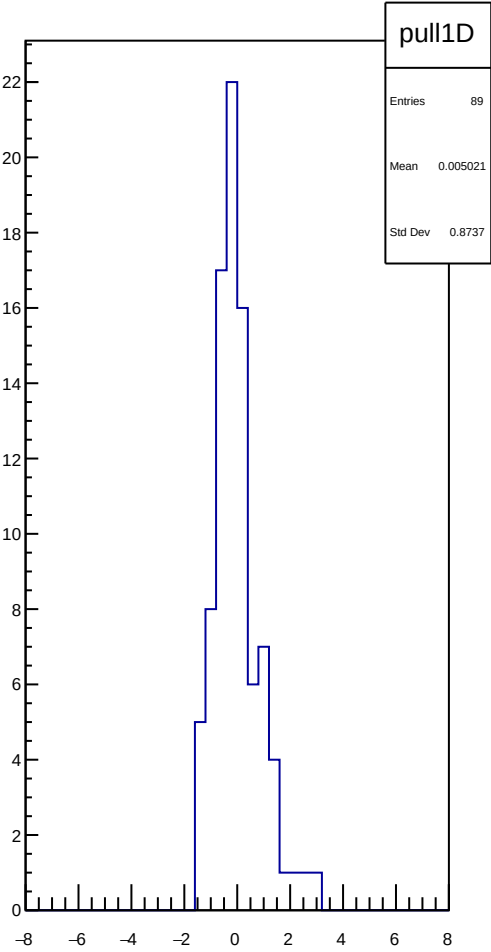
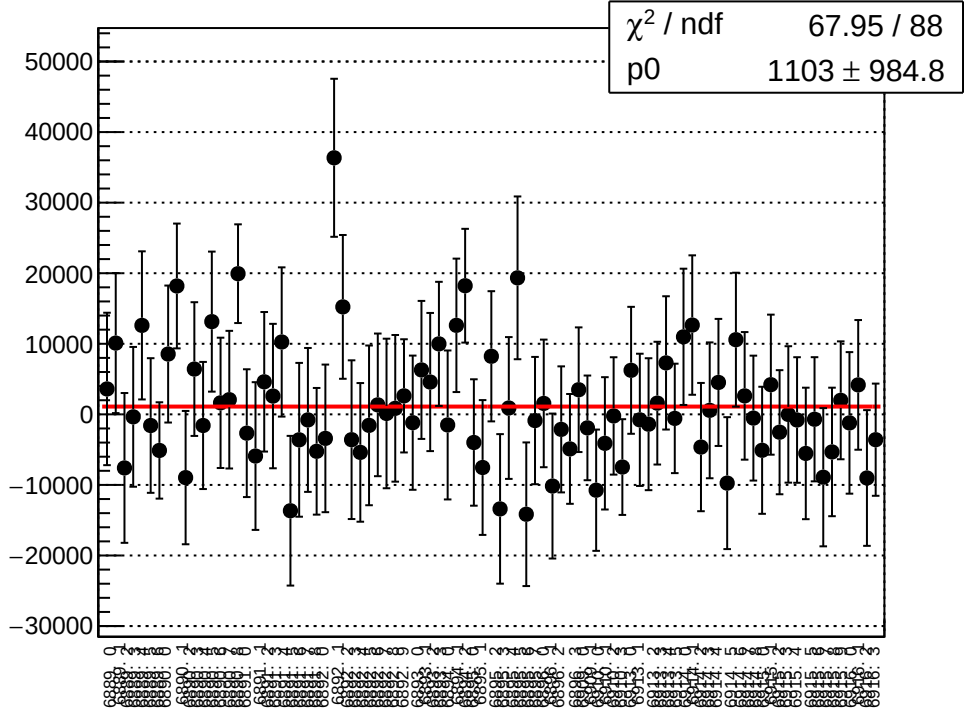
p0

75.36 ± 0.0573

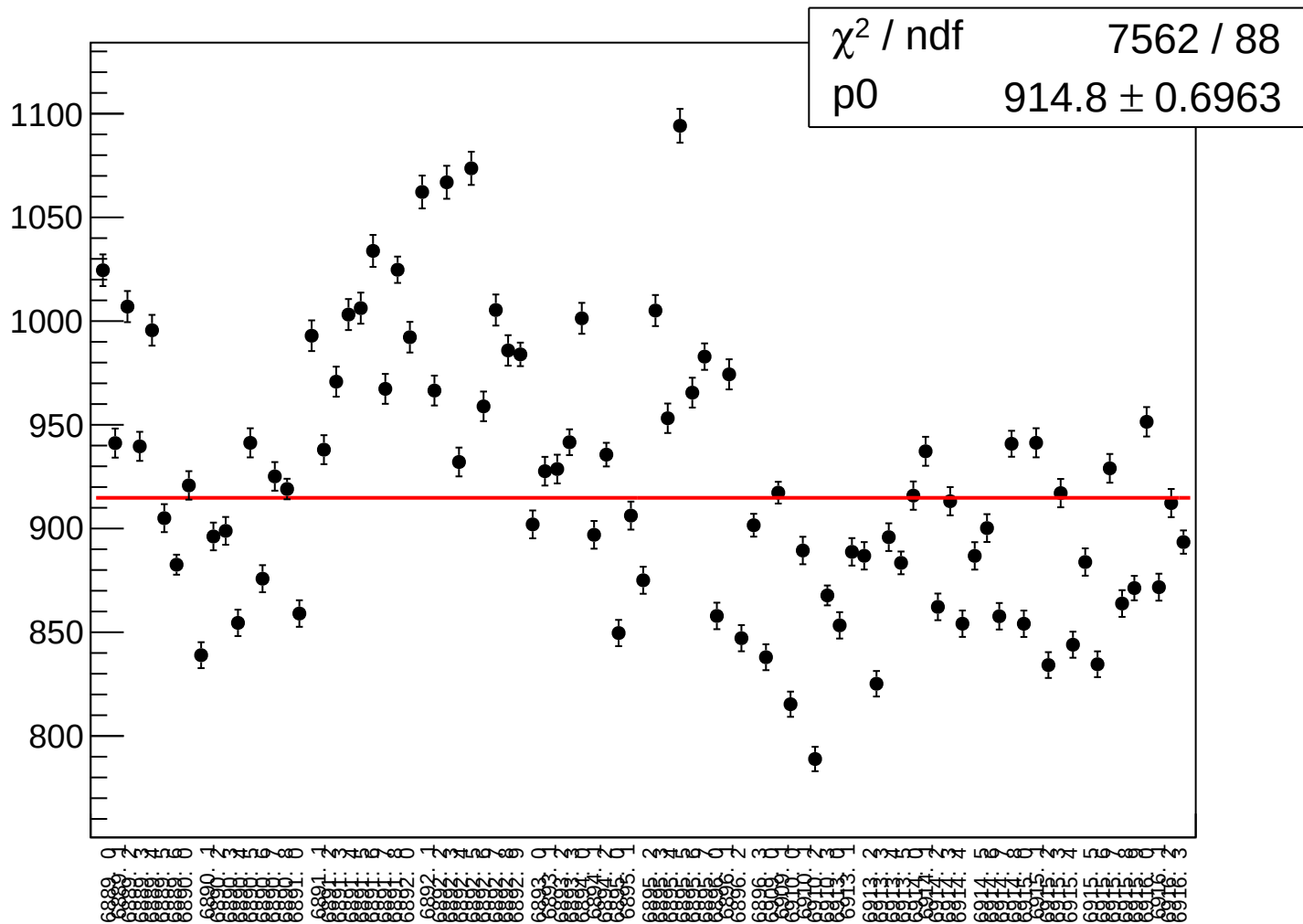


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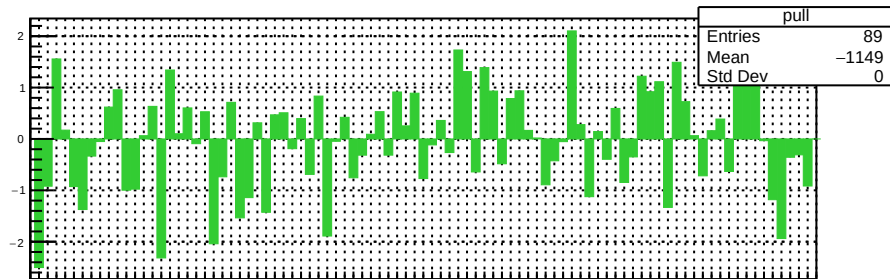
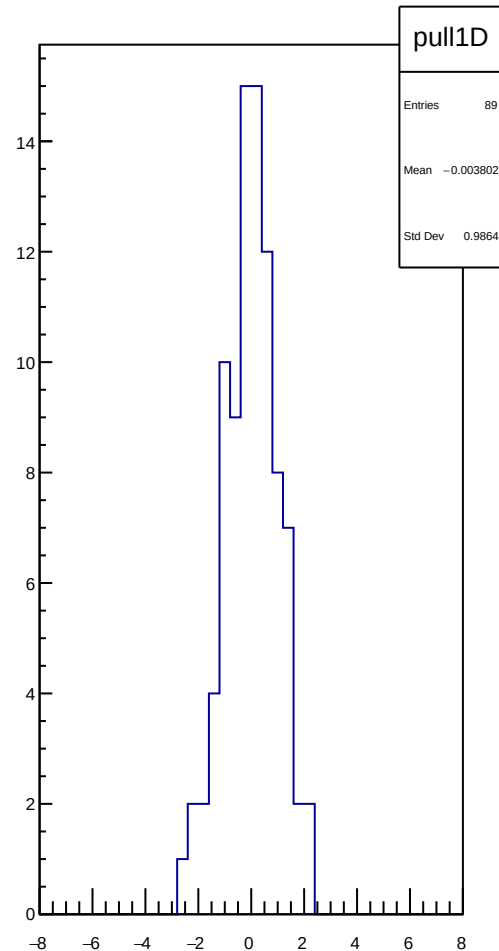
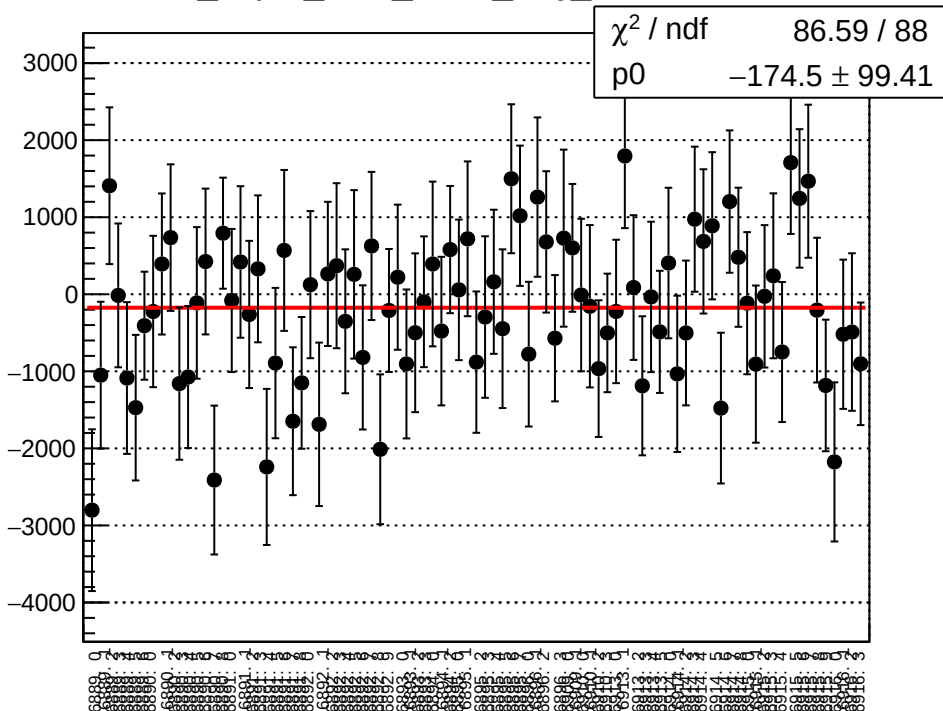
asym_sam_2468_avg_eigen_cor_correction_mean vs run



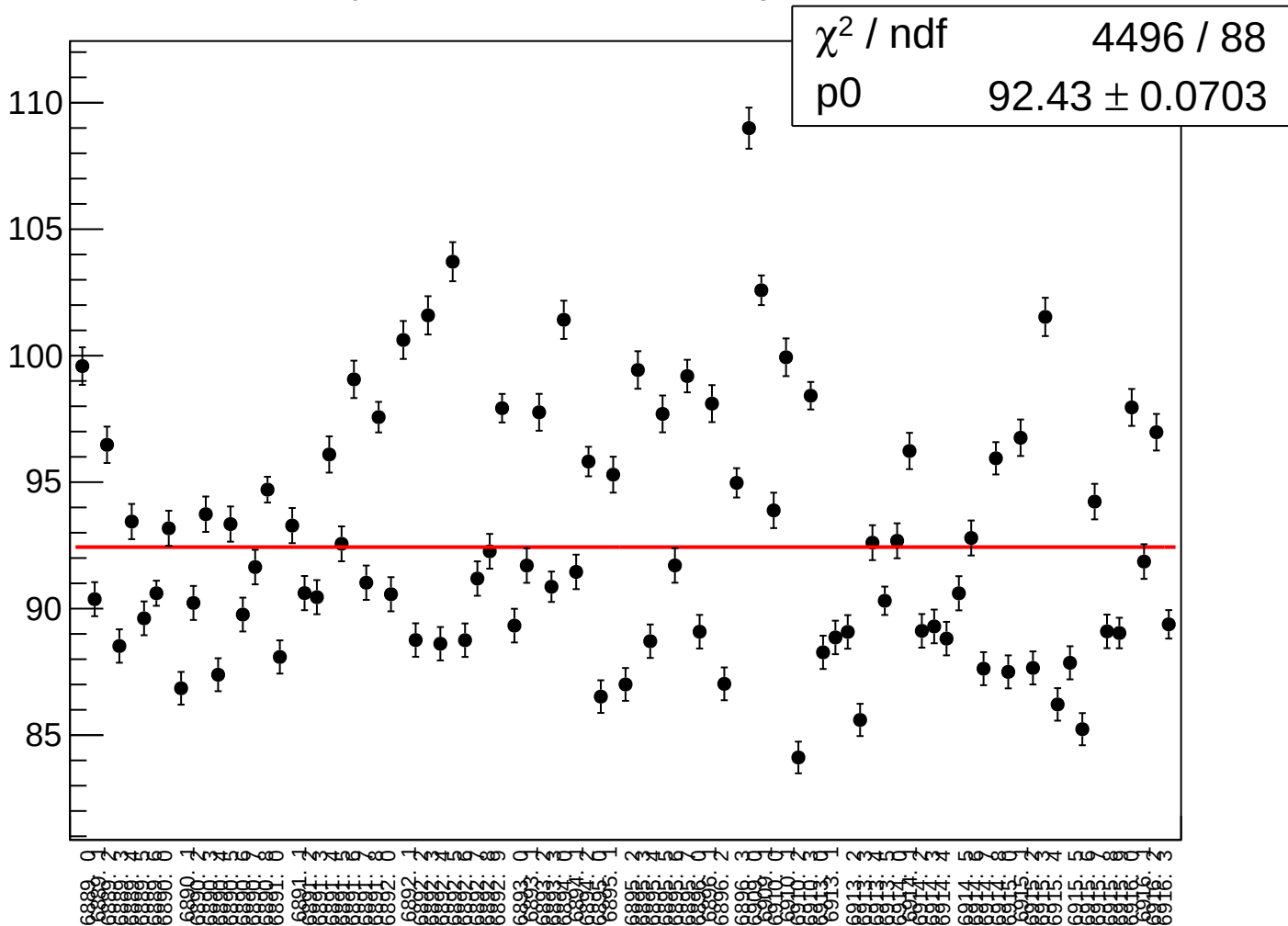
asym_sam_2468_avg_eigen_cor_correction_rms vs run



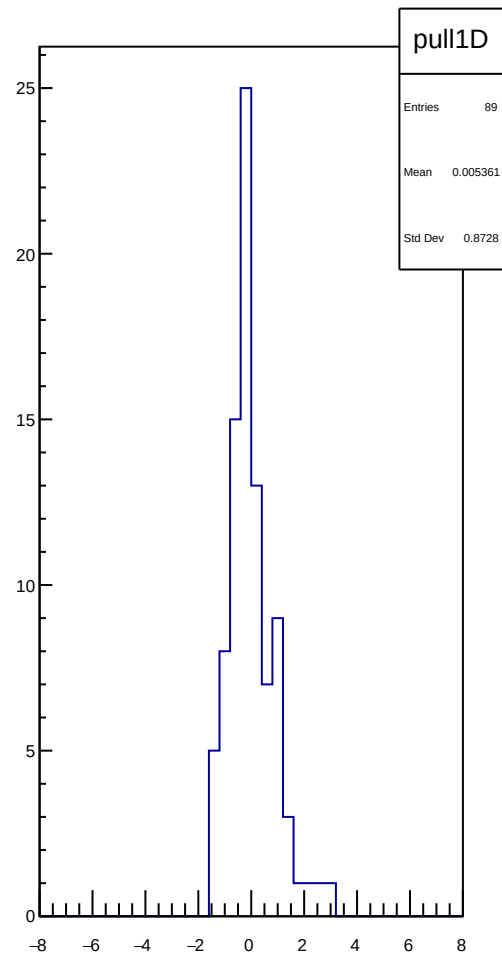
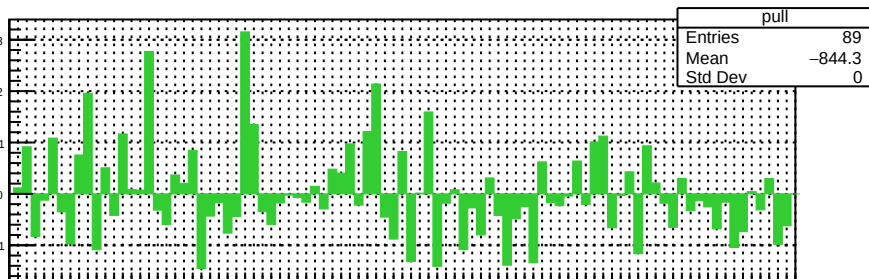
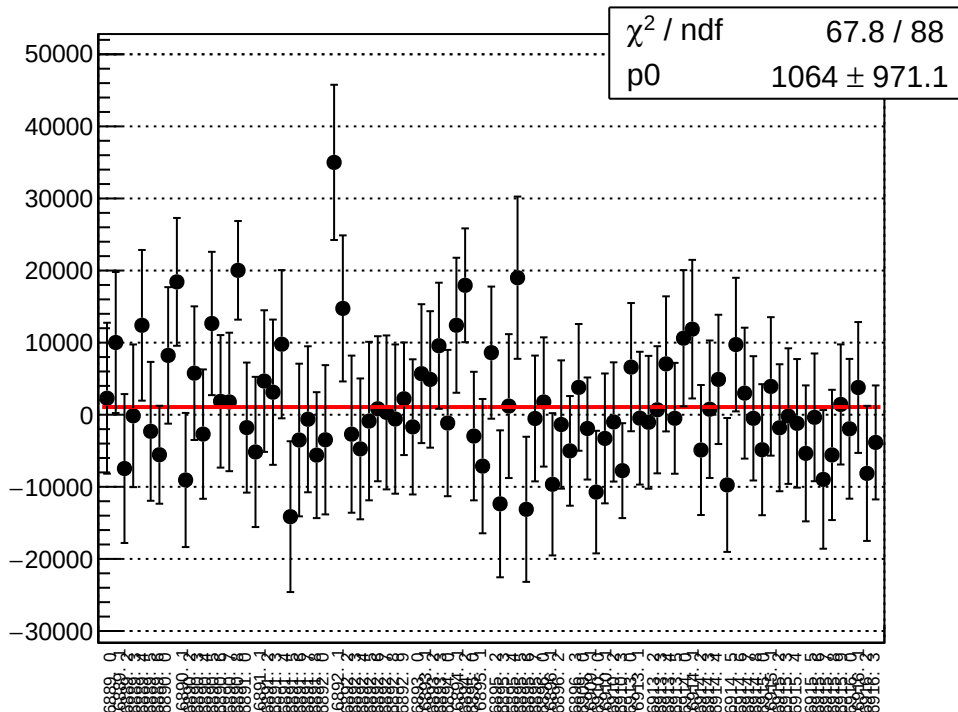
dit_asym_sam_2468_avg_mean vs run



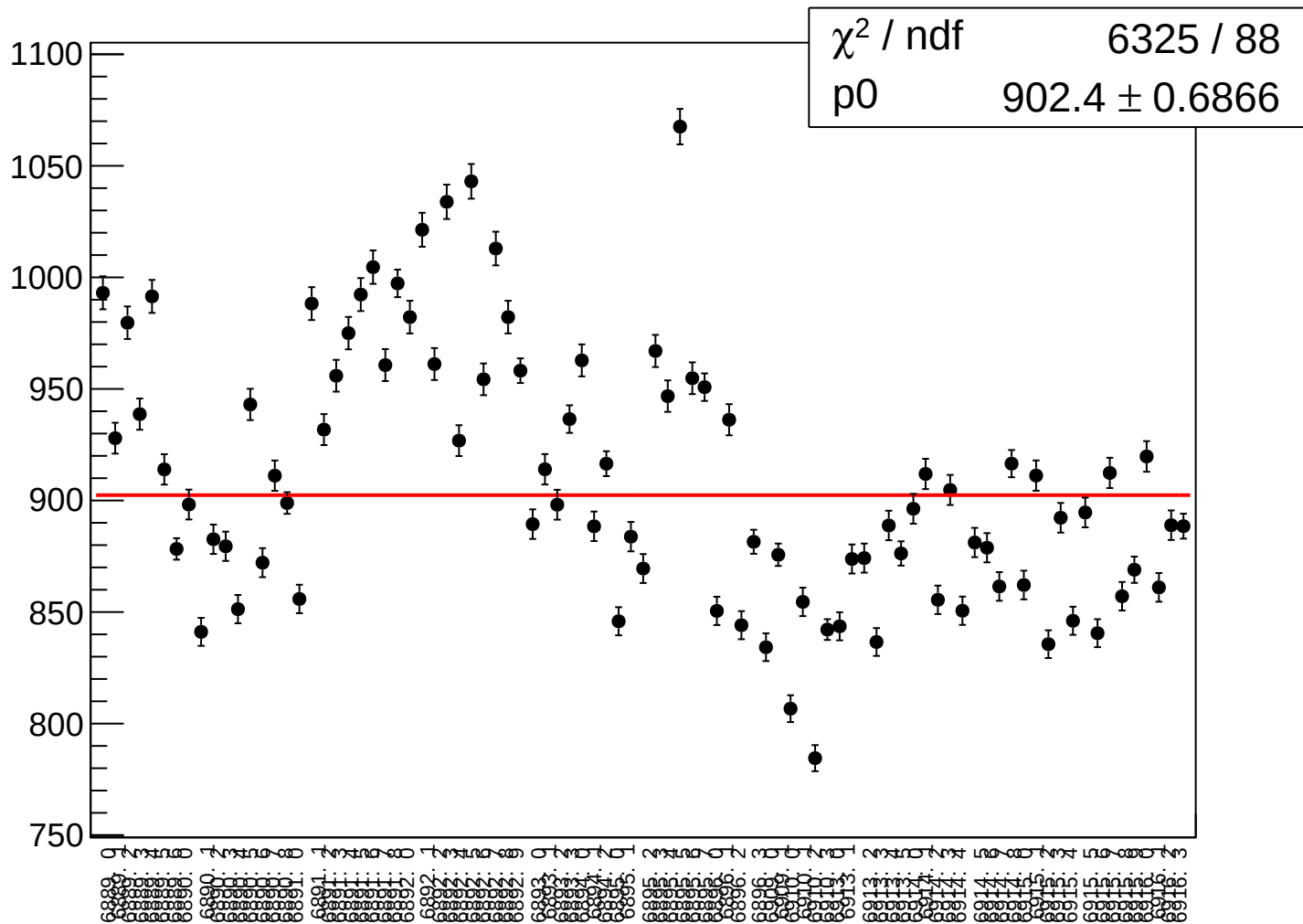
dit_asym_sam_2468_avg_rms vs run



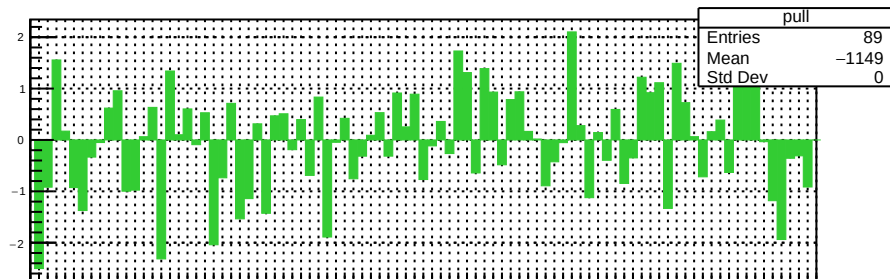
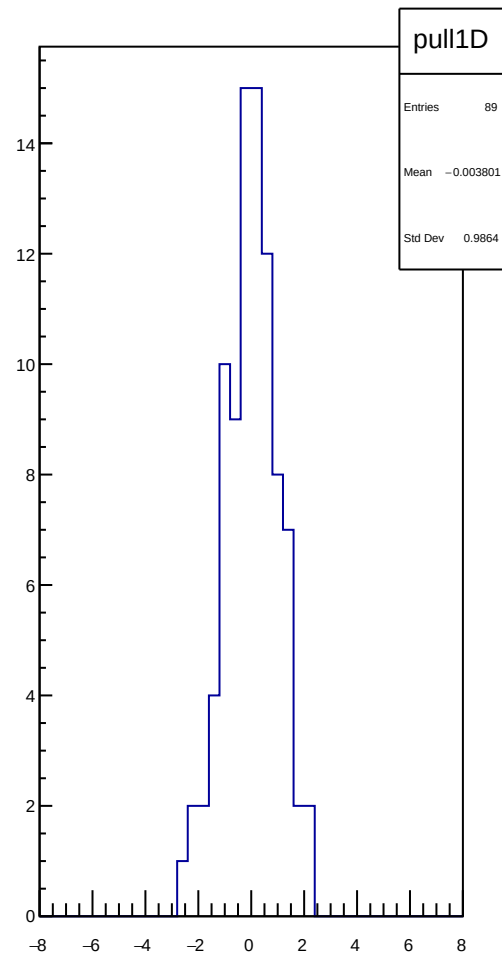
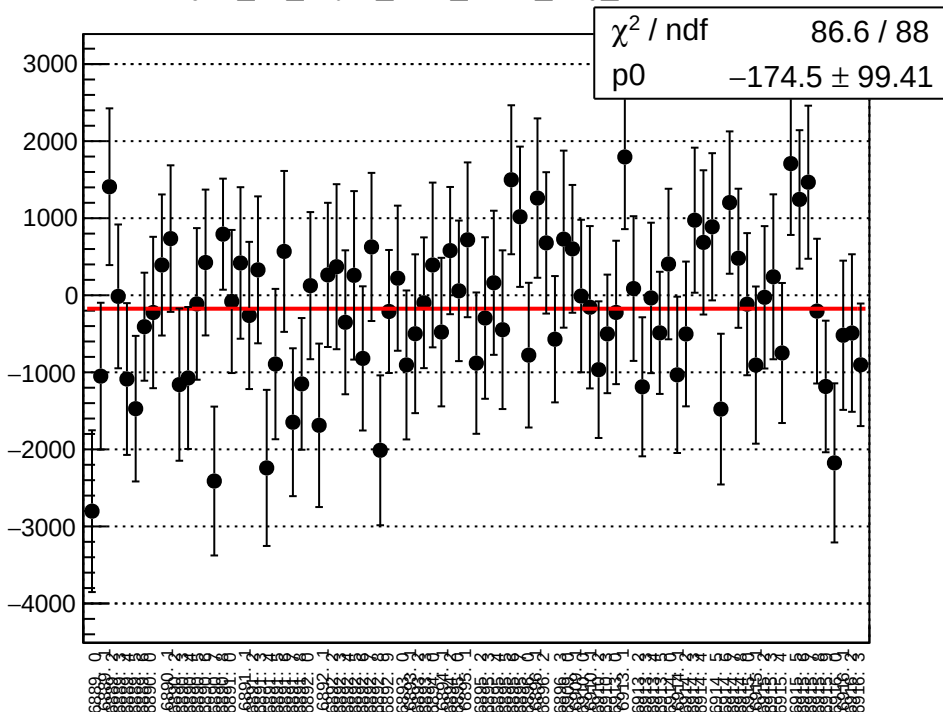
asym_sam_2468_avg_dit_correction_mean vs run



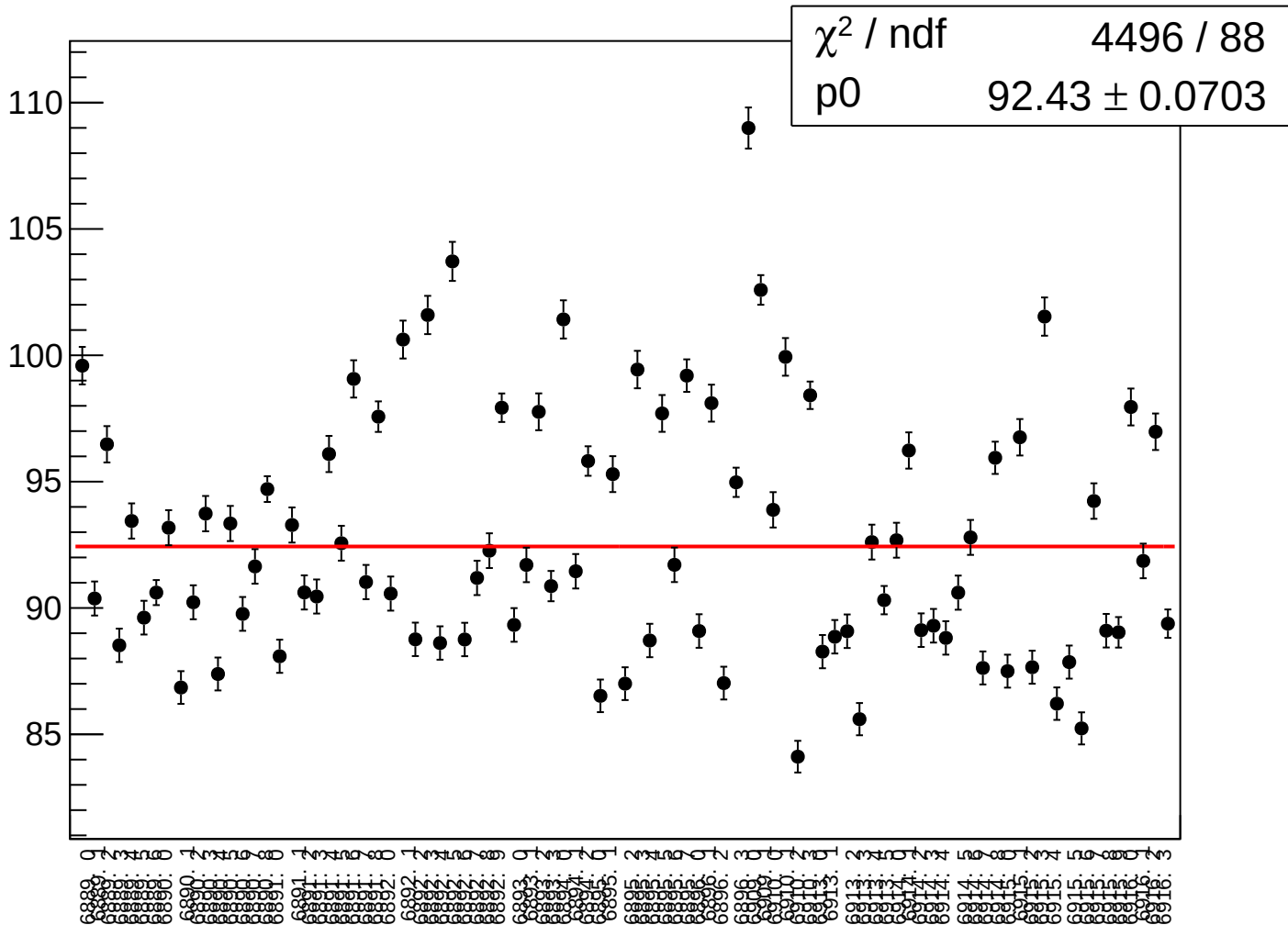
asym_sam_2468_avg_dit_correction_rms vs run



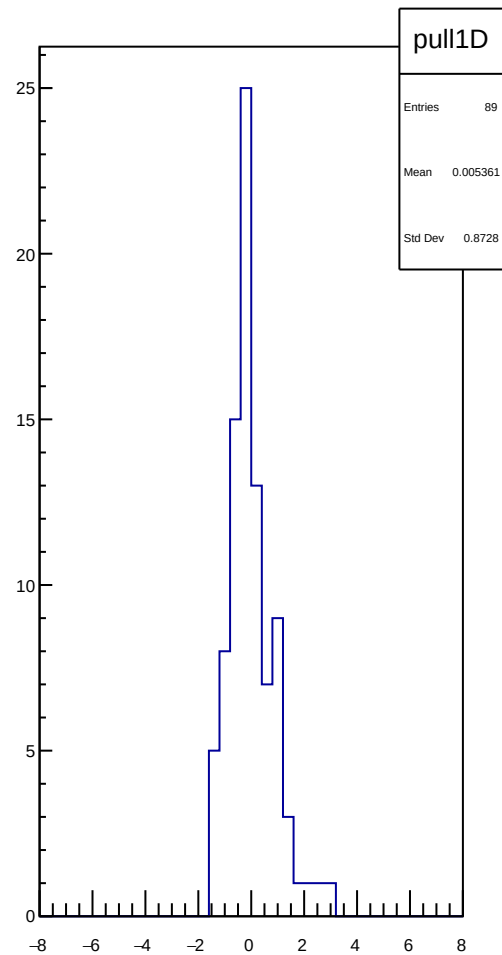
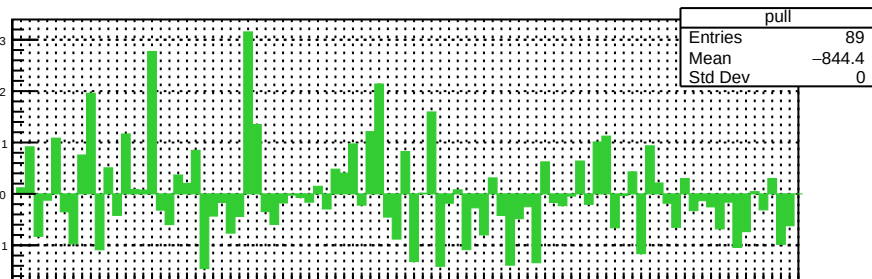
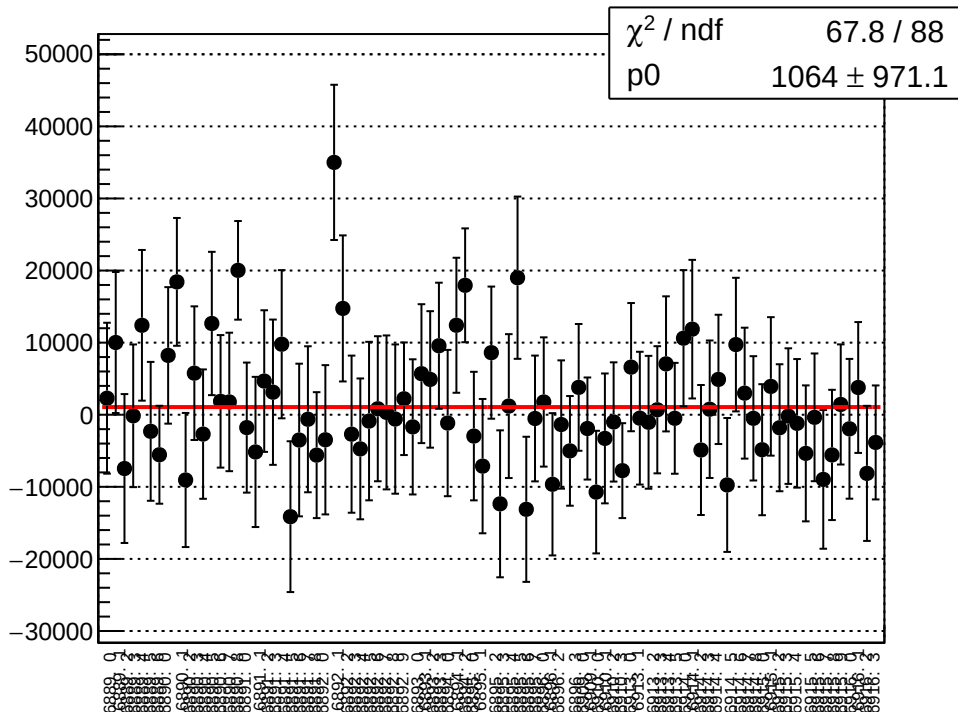
eigen_dit_asym_sam_2468_avg_mean vs run



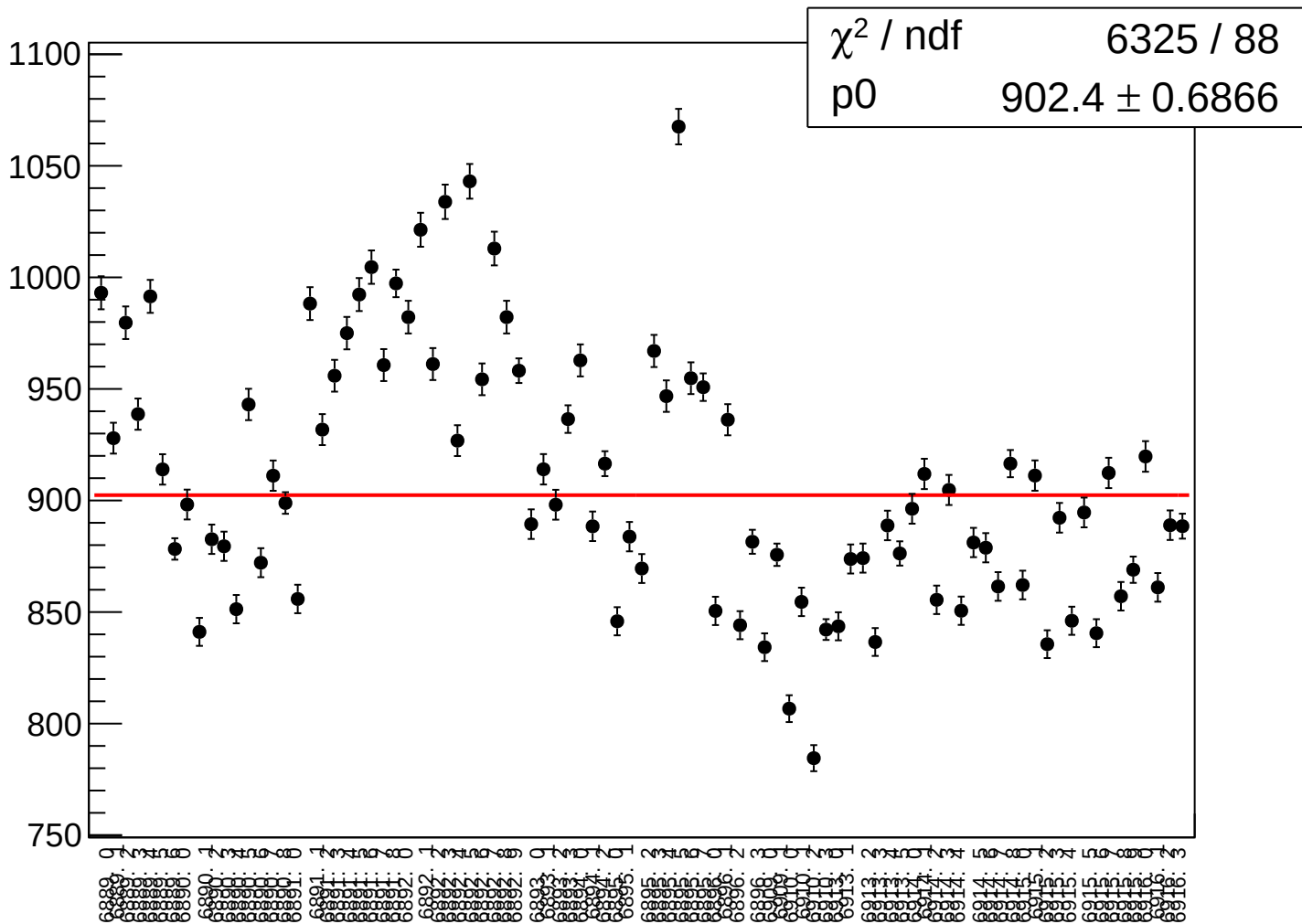
eigen_dit_asym_sam_2468_avg_rms vs run



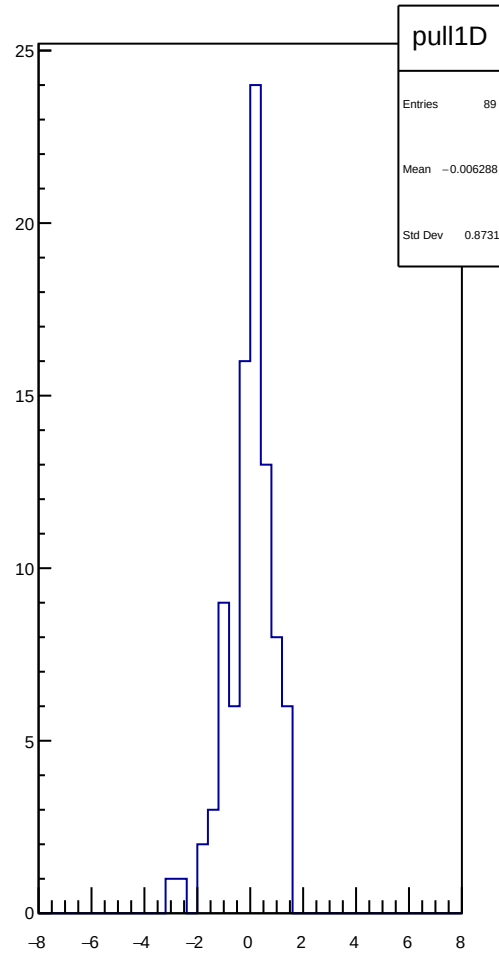
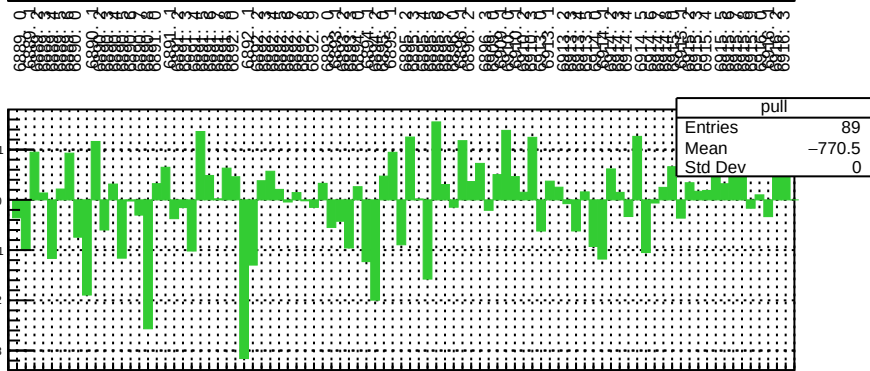
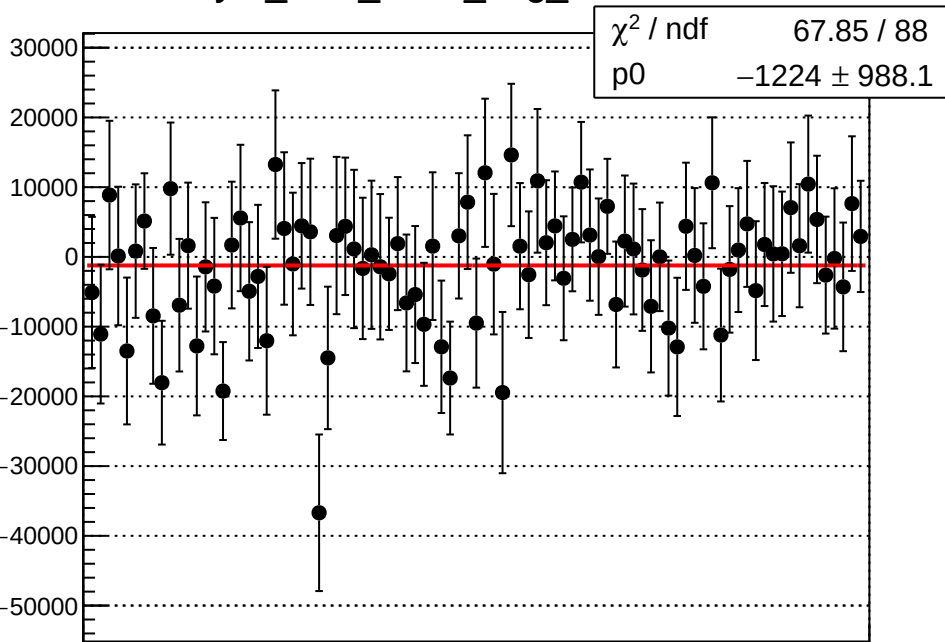
asym_sam_2468_avg_eigen_dit_correction_mean vs run



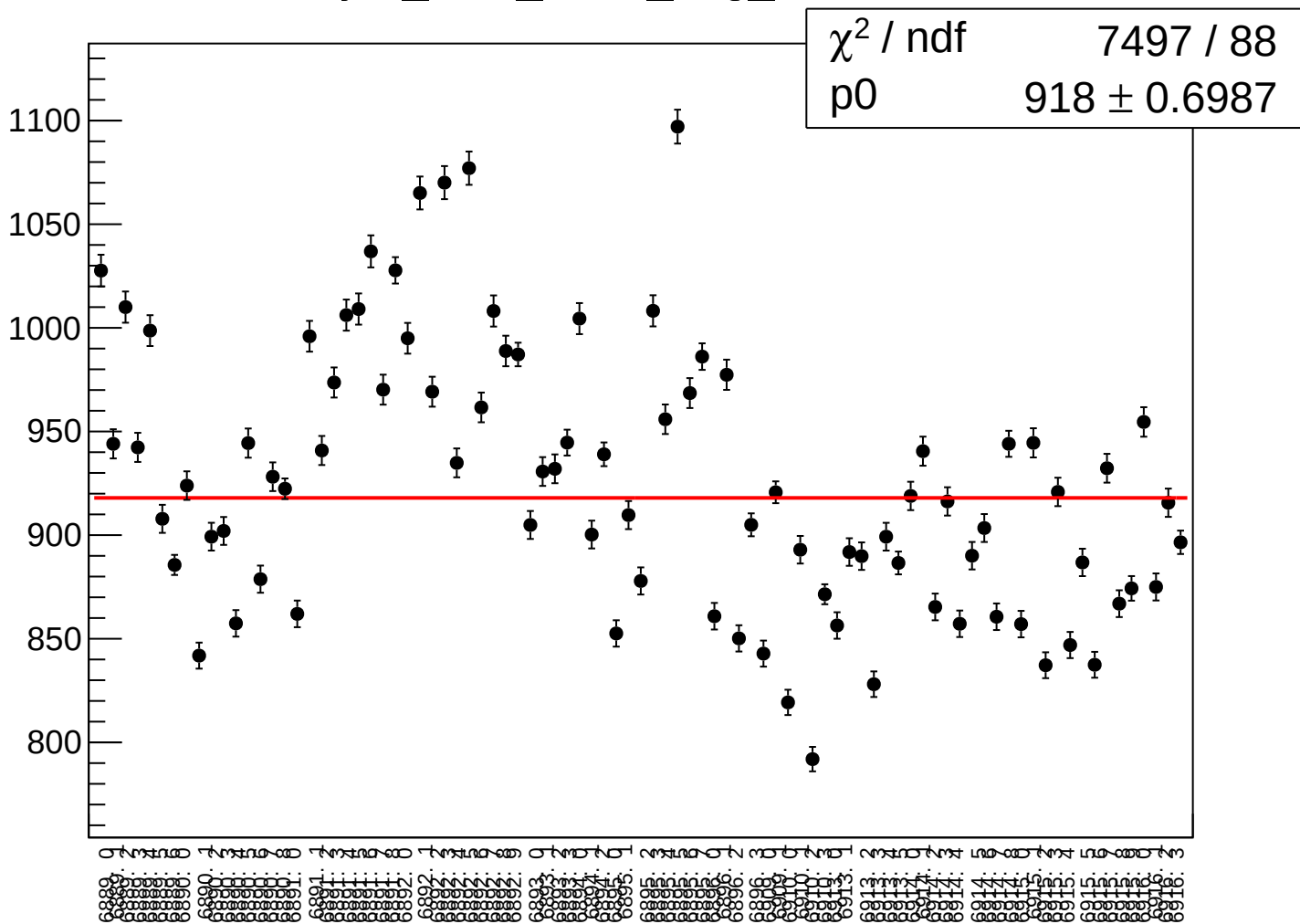
asym_sam_2468_avg_eigen_dit_correction_rms vs run



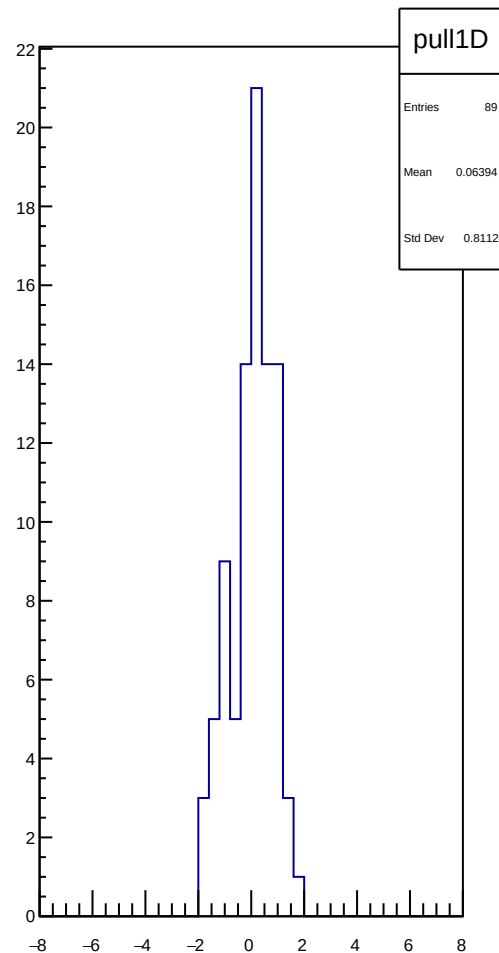
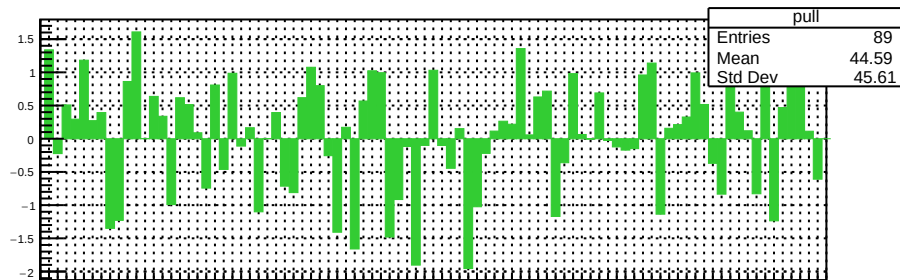
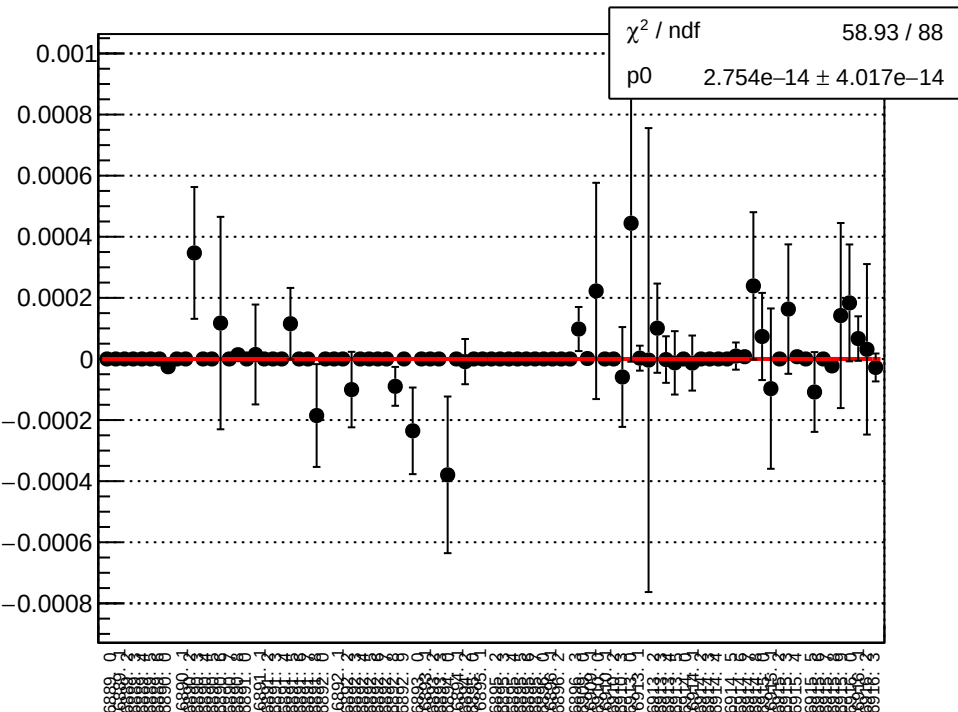
asym_sam_2468_avg_mean vs run



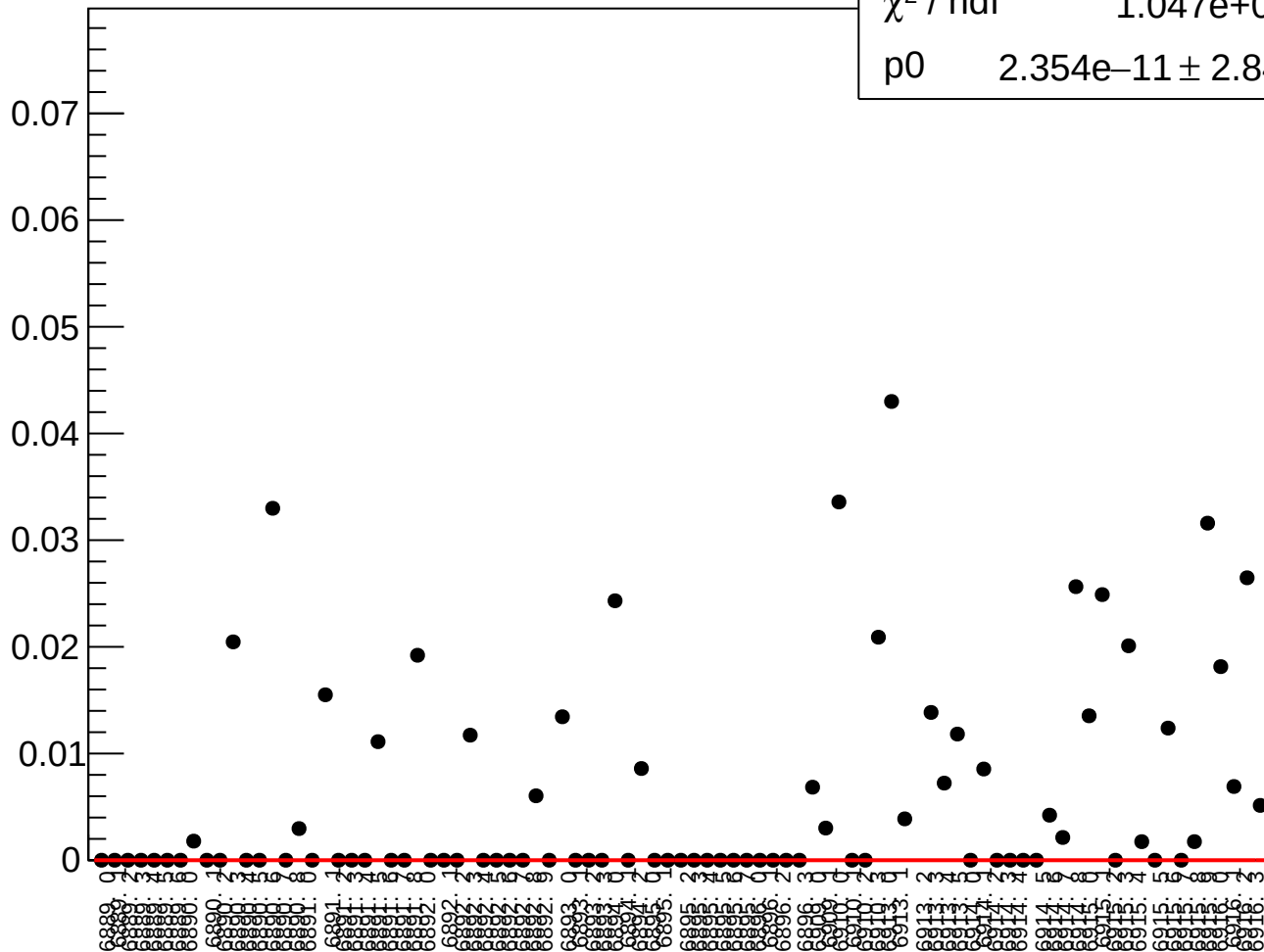
asym_sam_2468_avg_rms vs run



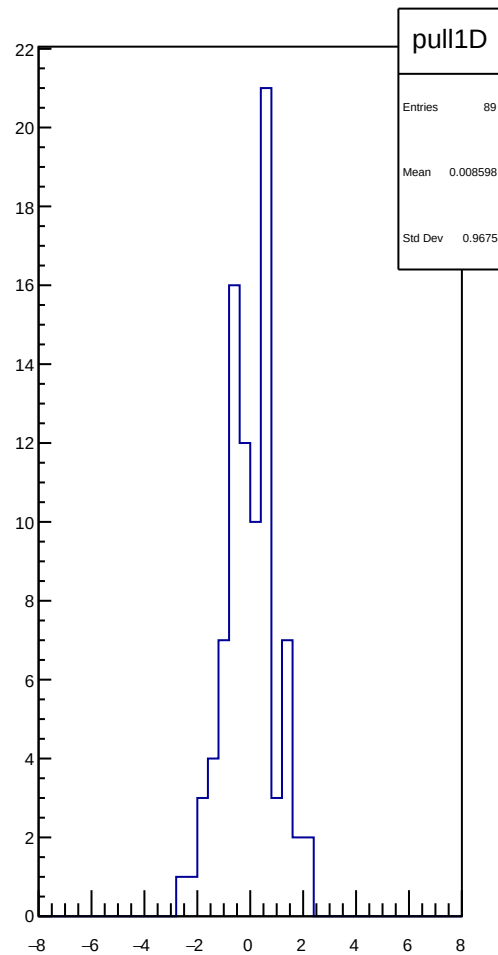
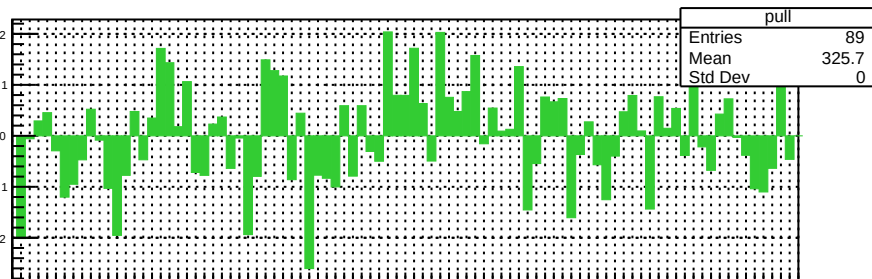
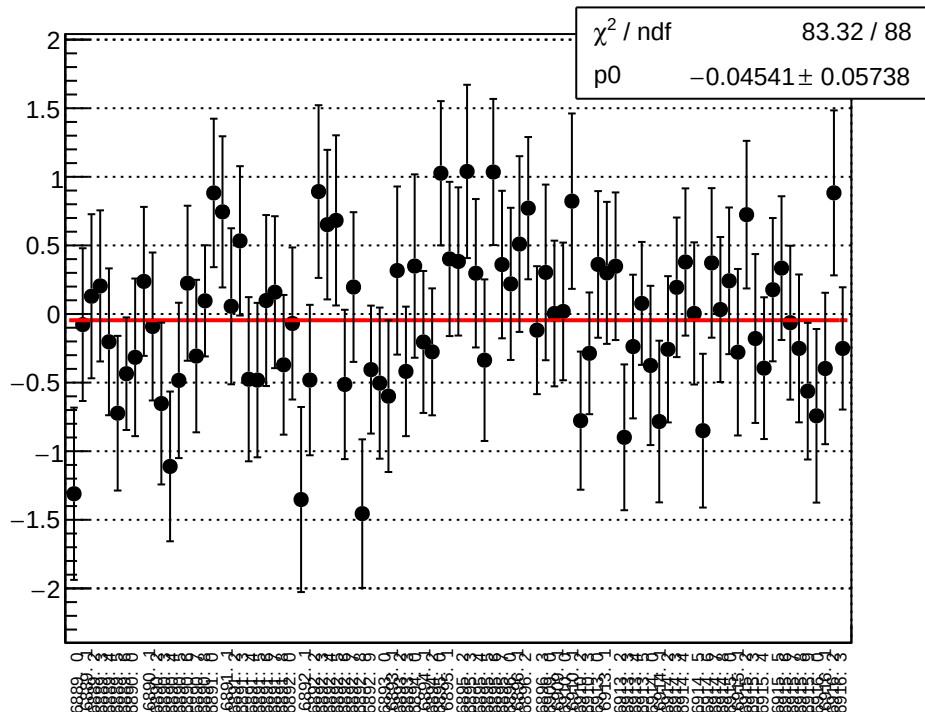
asym_sam_2468_avg_reg_vs_cor_diff_mean vs run



χ^2 / ndf	1.047e+06 / 88
p0	$2.354\text{e-}11 \pm 2.84\text{e-}14$



asym_sam_2468_avg_dit_vs_cor_diff_mean vs run



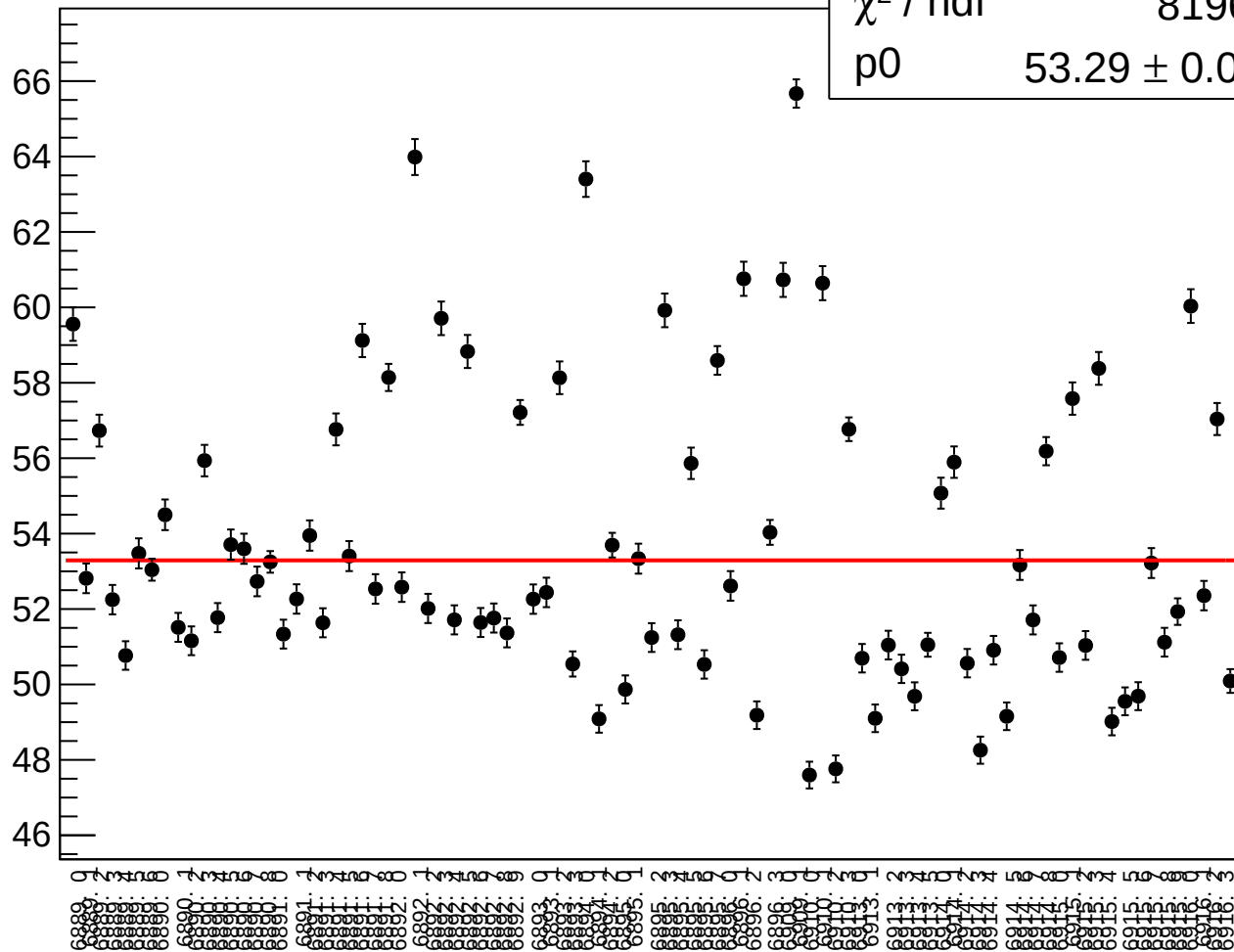
asym_sam_2468_avg_dit_vs_cor_diff_rms vs run

χ^2 / ndf

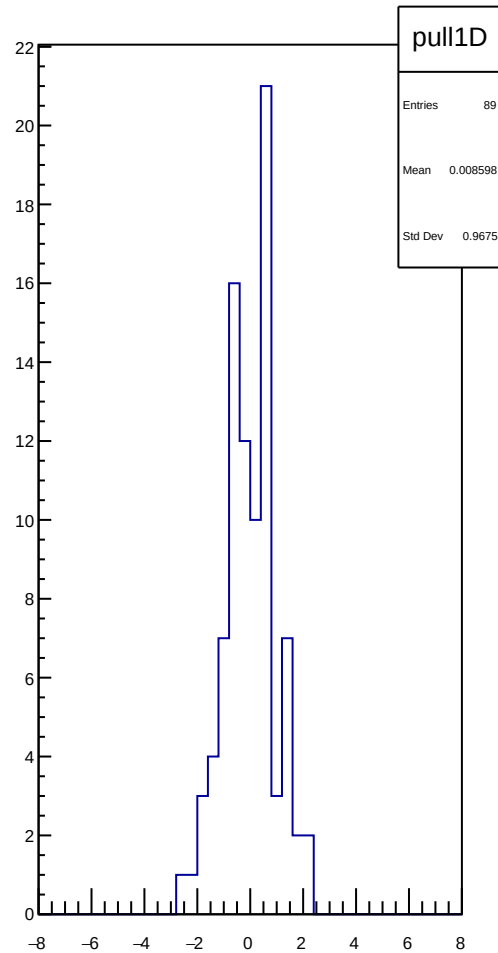
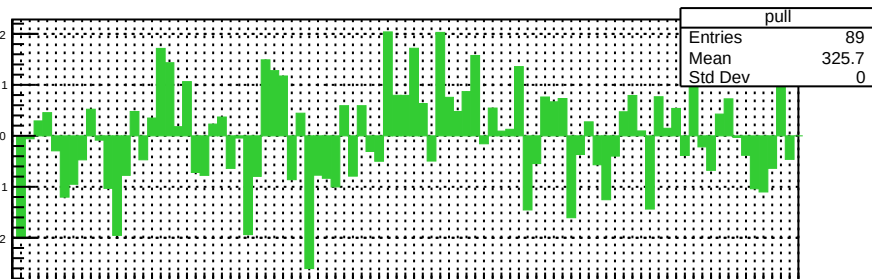
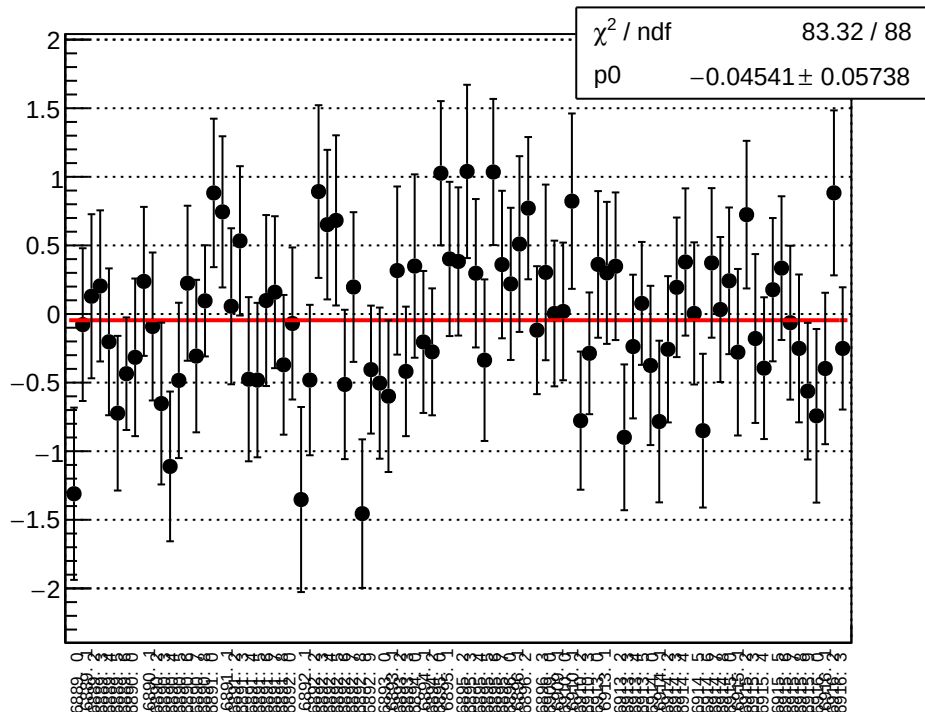
8196 / 88

p0

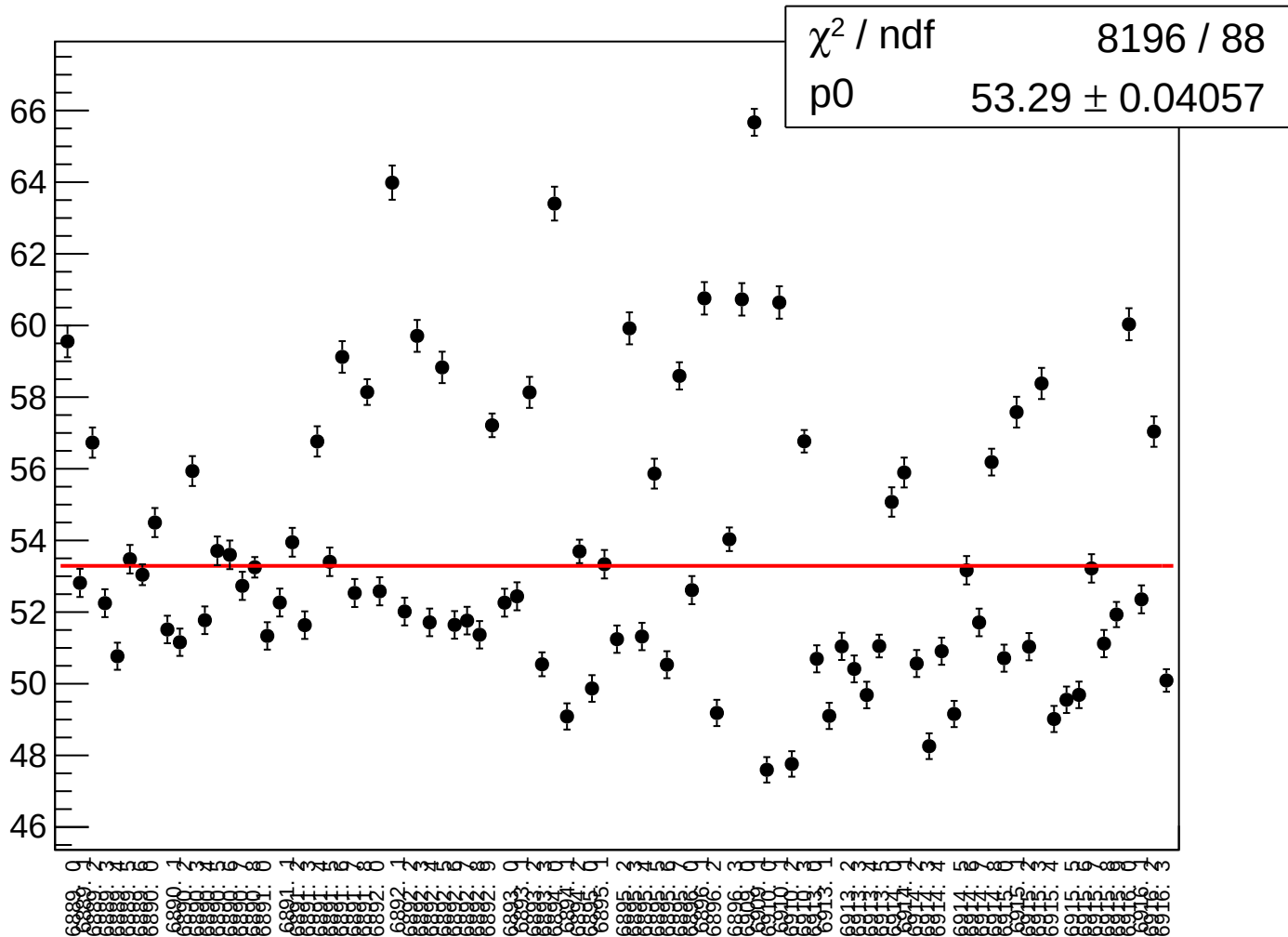
53.29 ± 0.04057



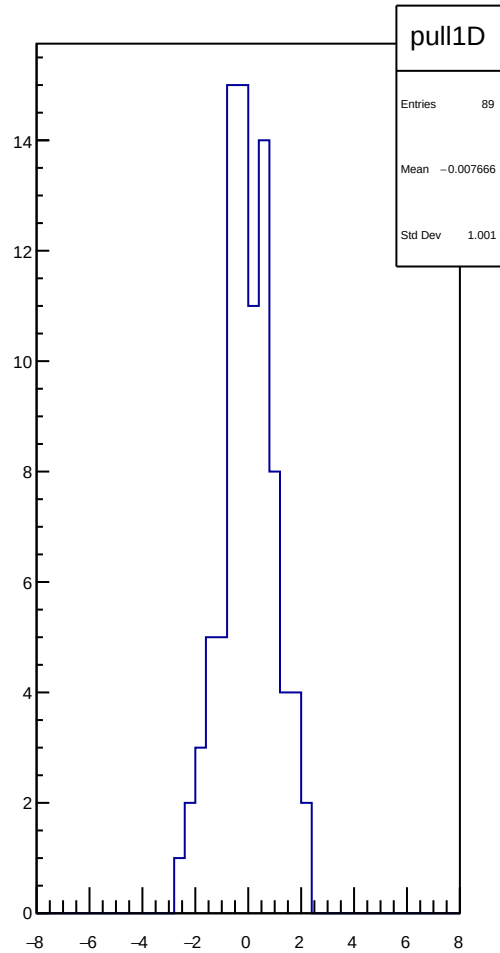
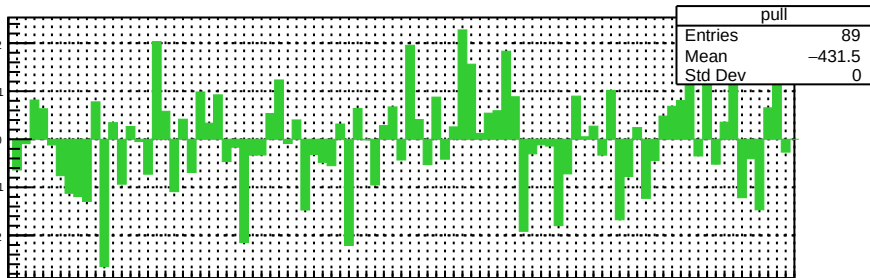
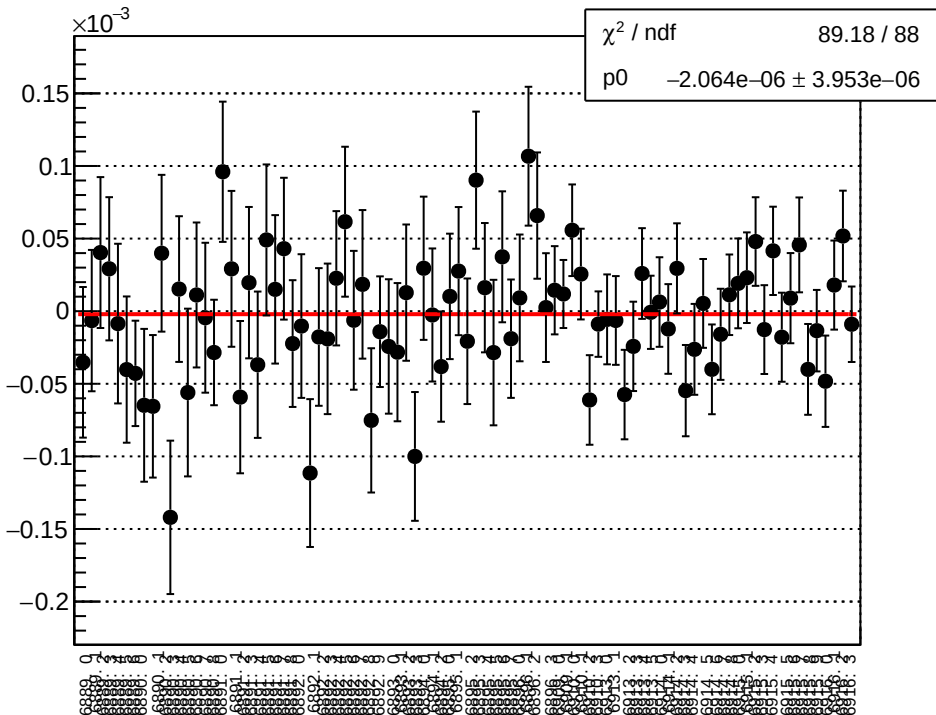
asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs run



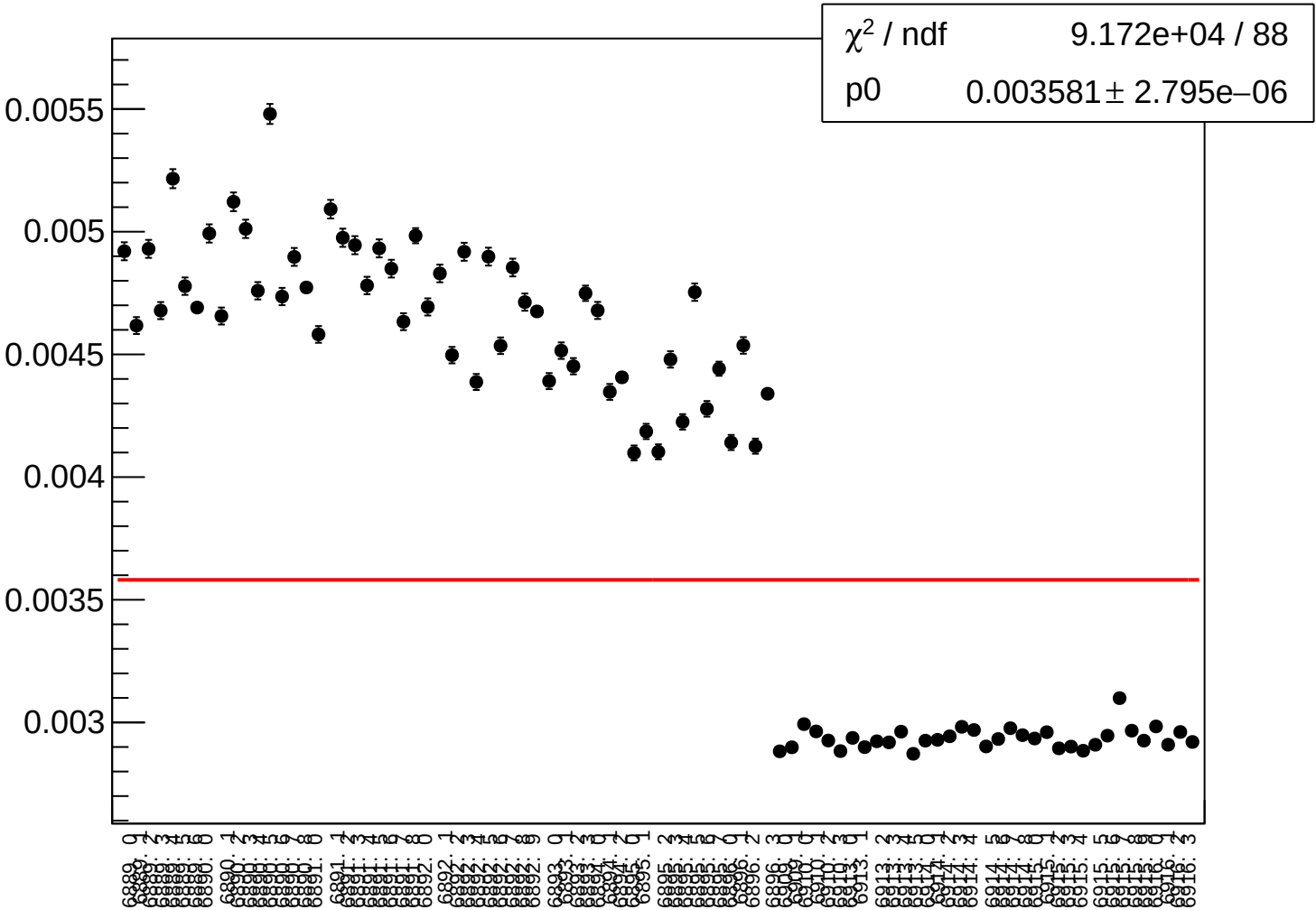
asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs run



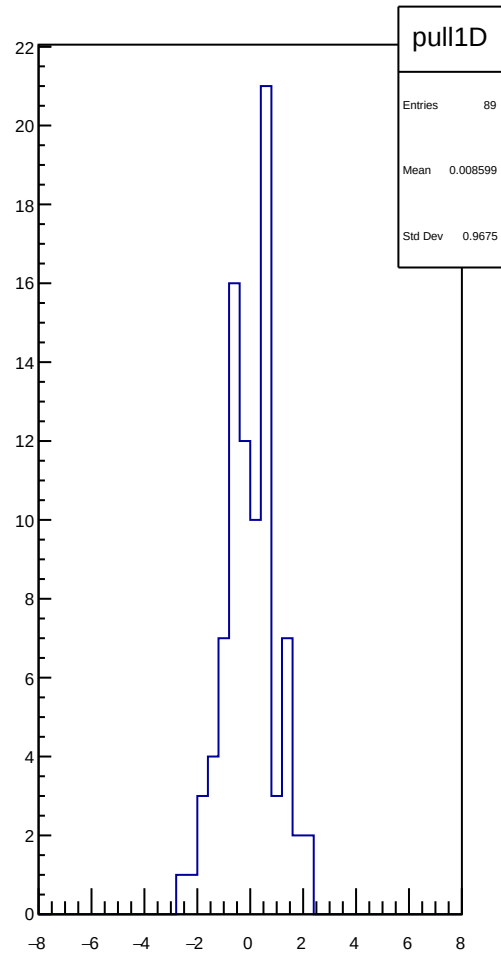
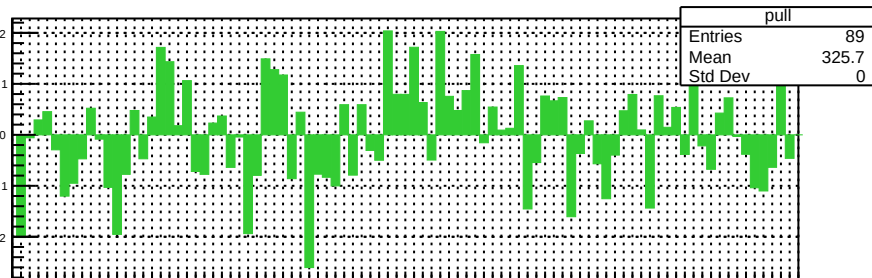
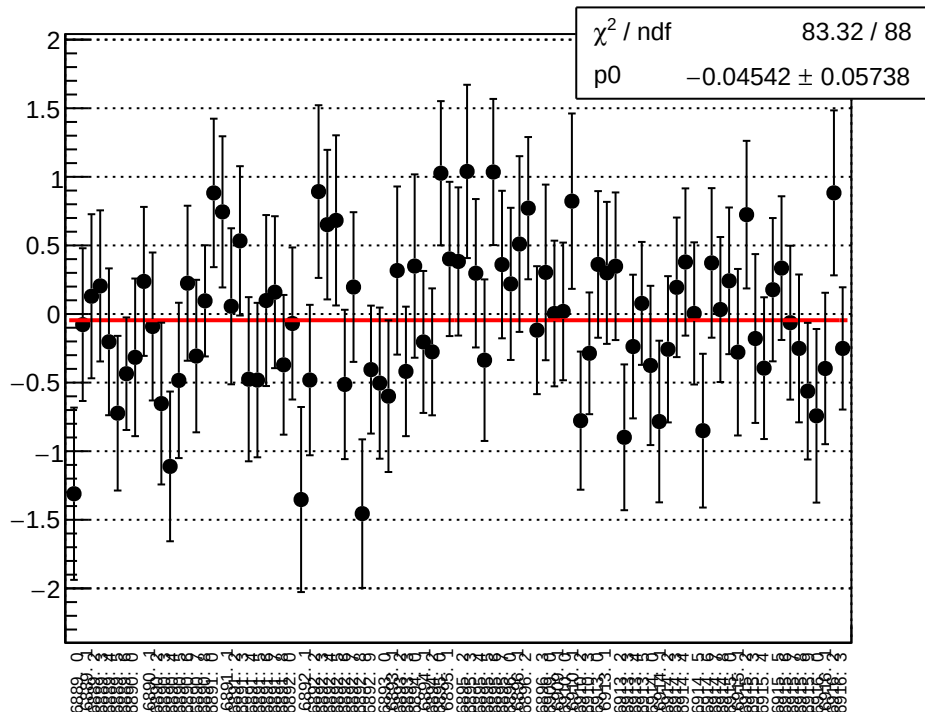
asym sam 2468 avg eigen dit vs dit diff mean vs run



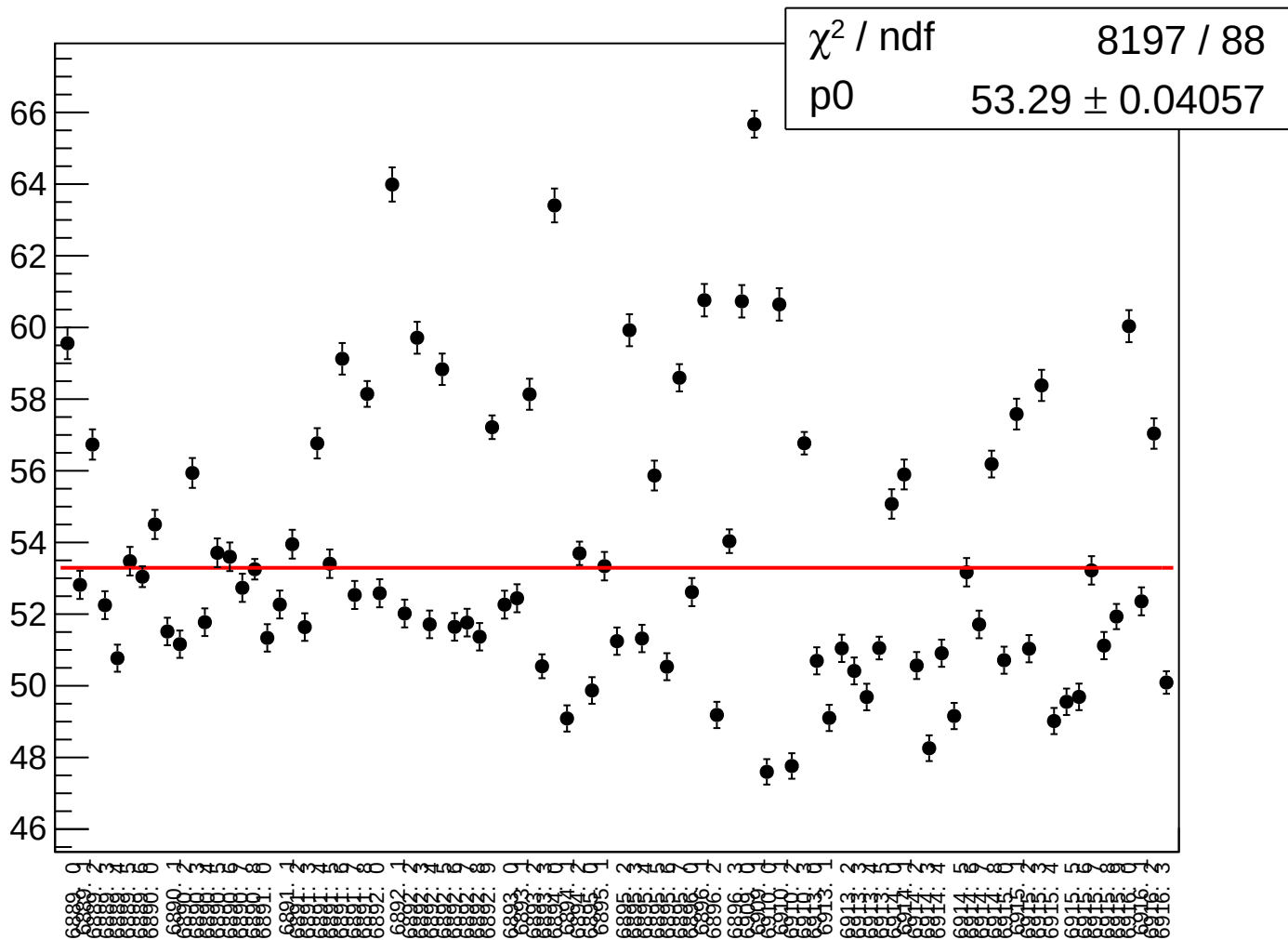
asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs run



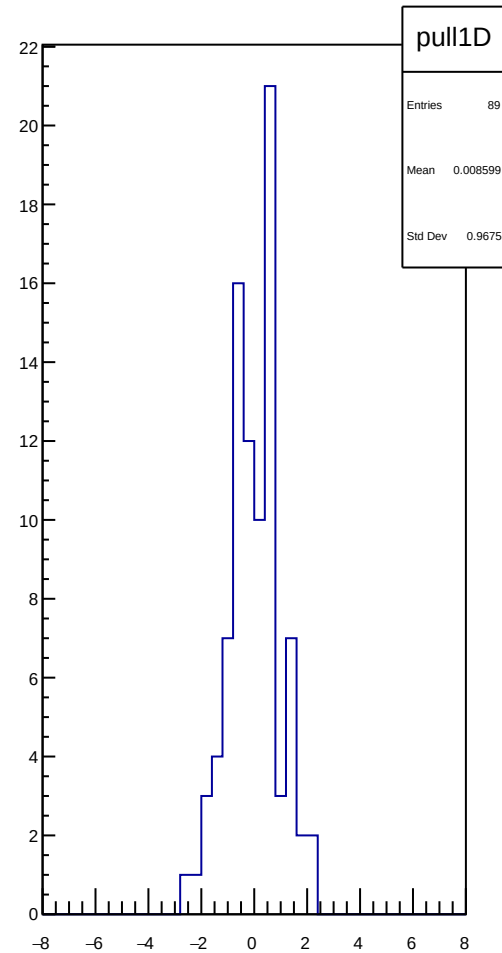
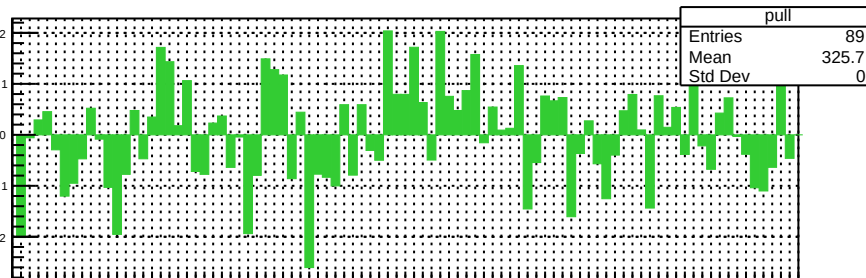
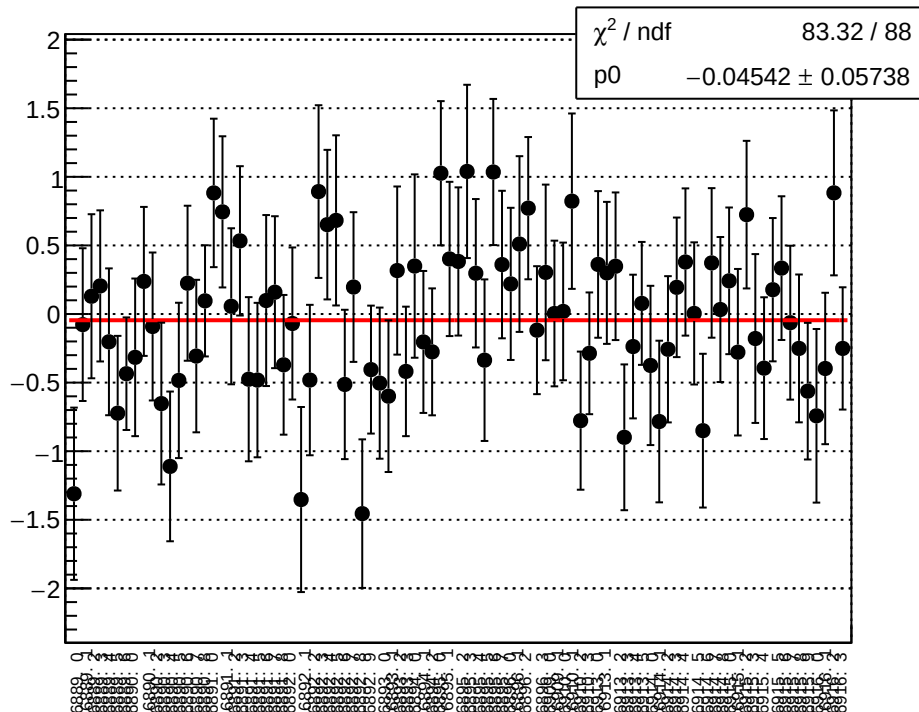
asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs run



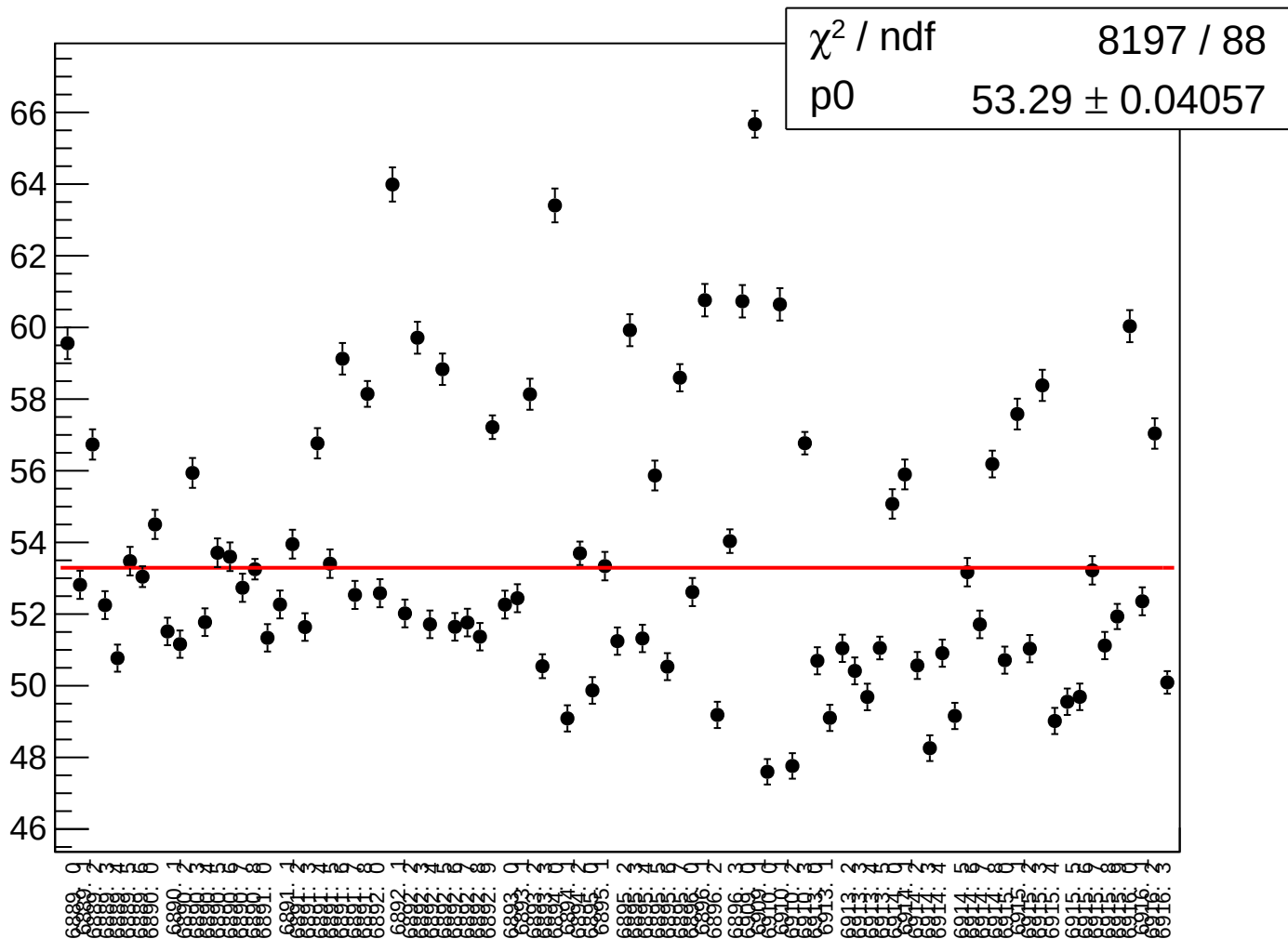
asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs run



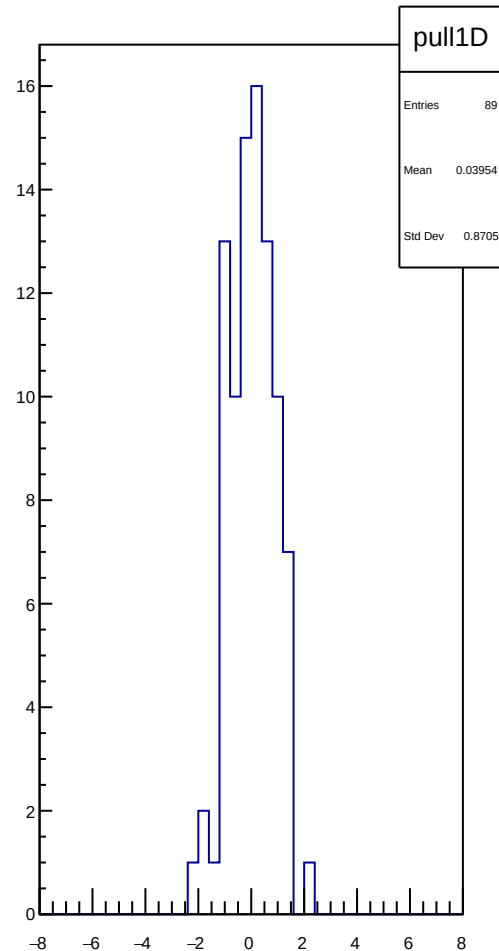
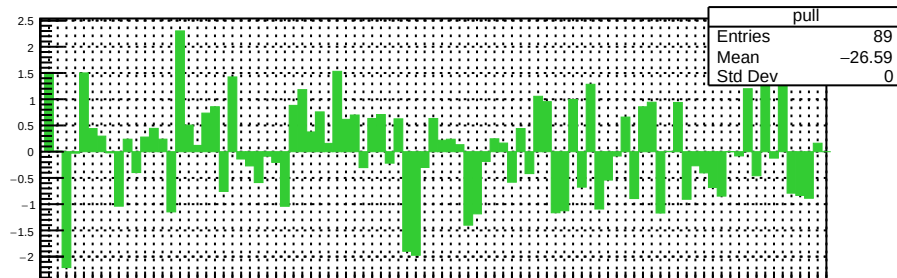
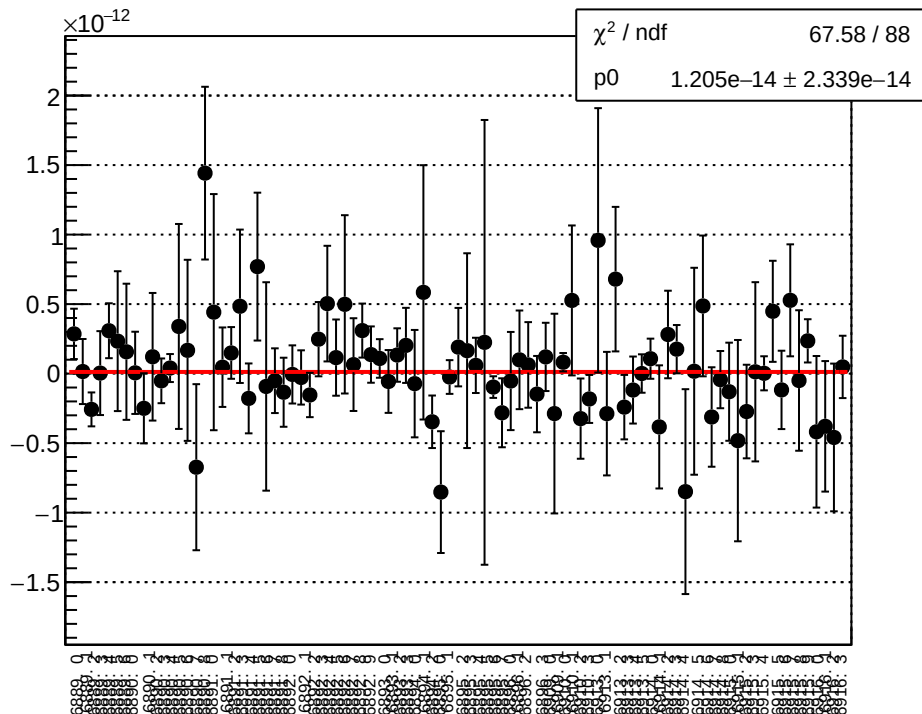
asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs run



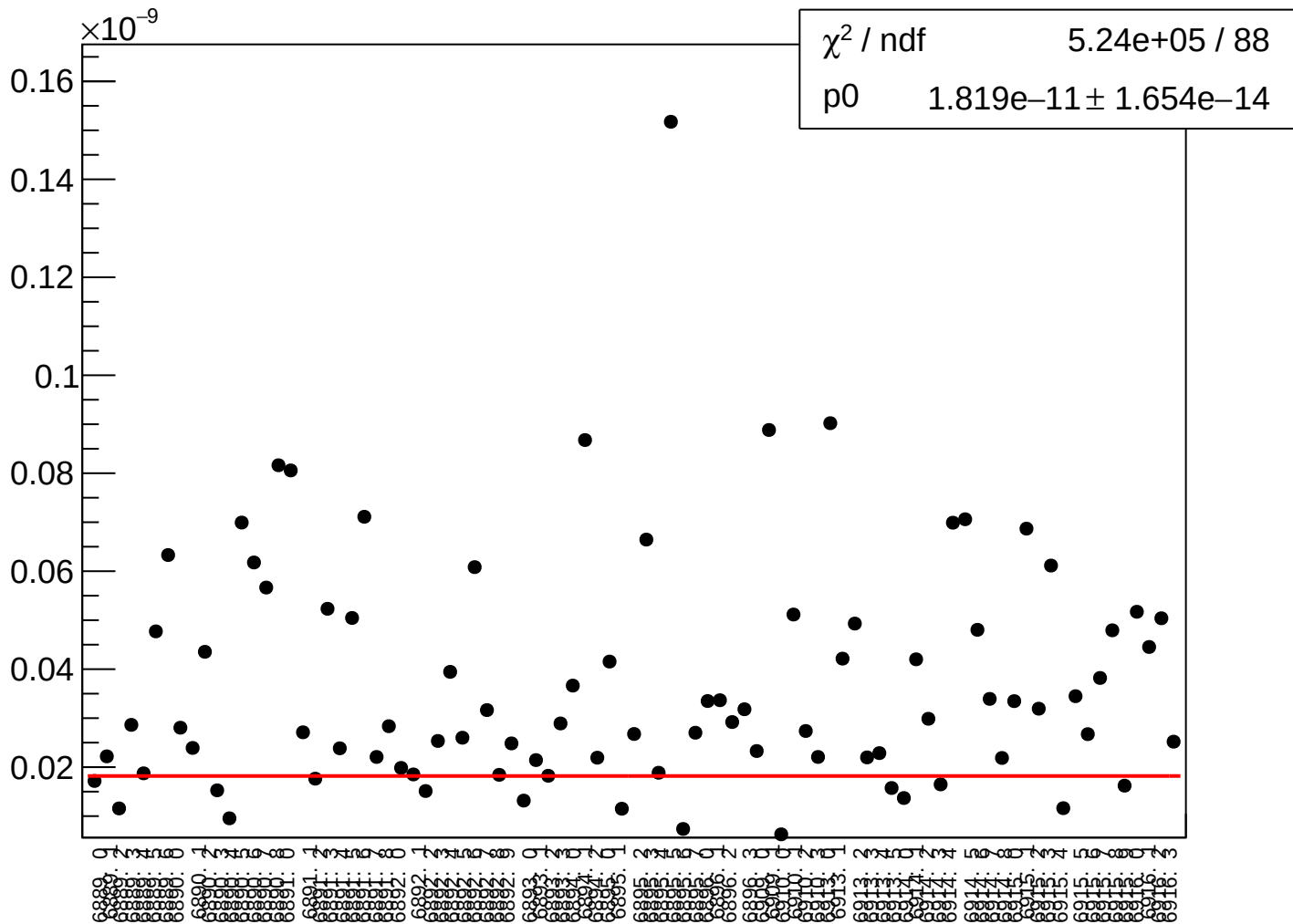
asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



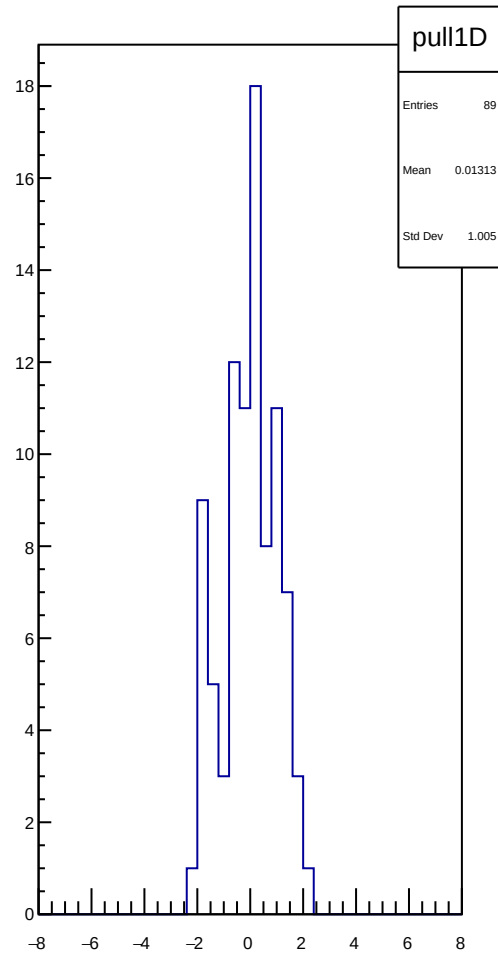
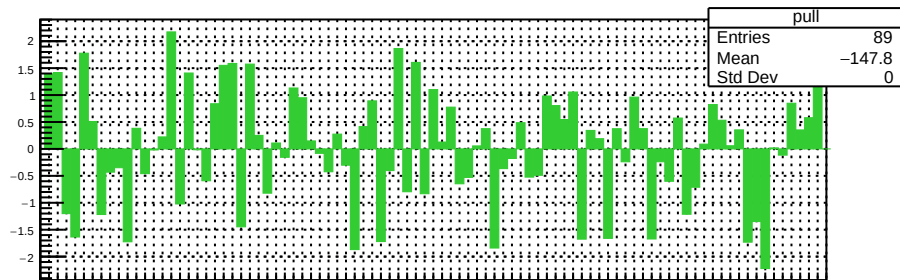
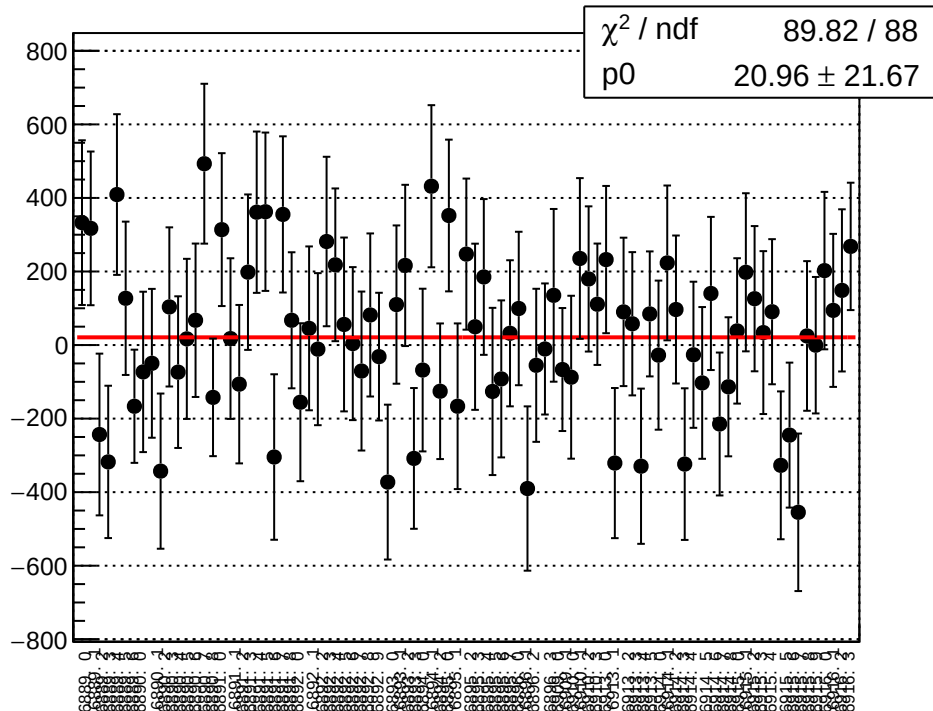
asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs run



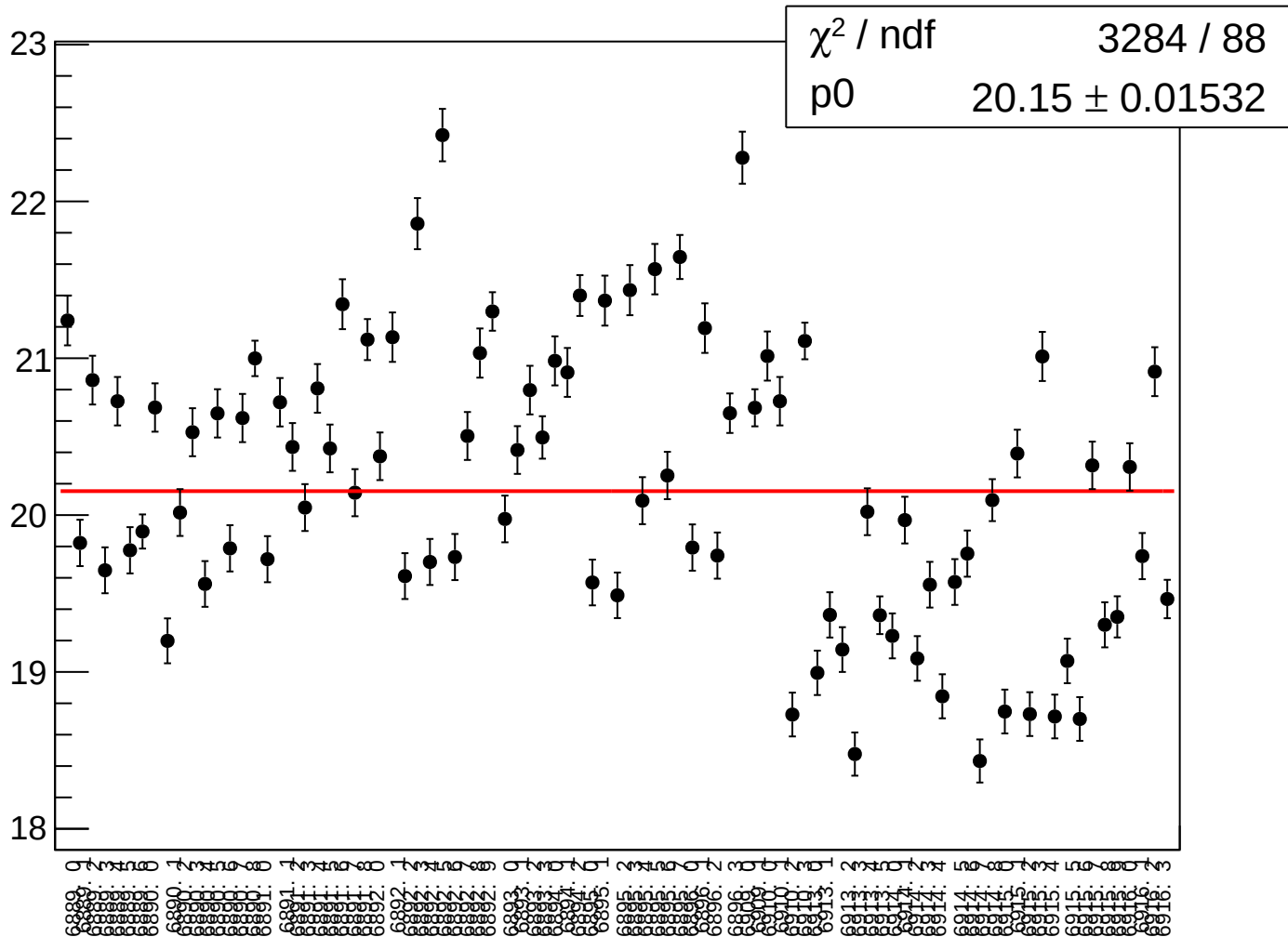
asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs run



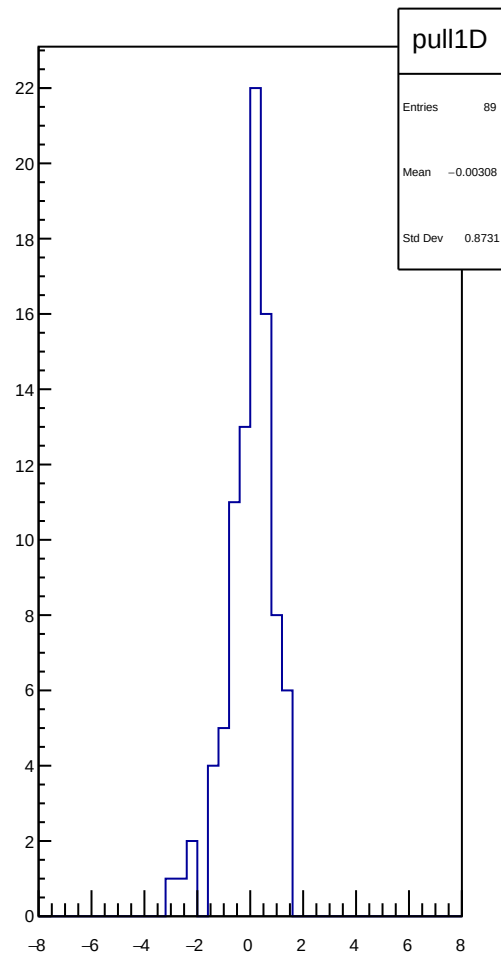
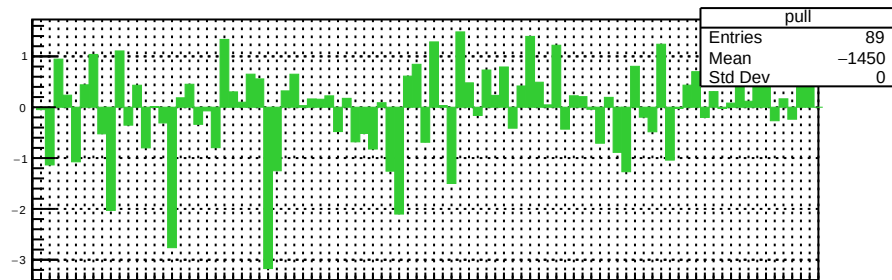
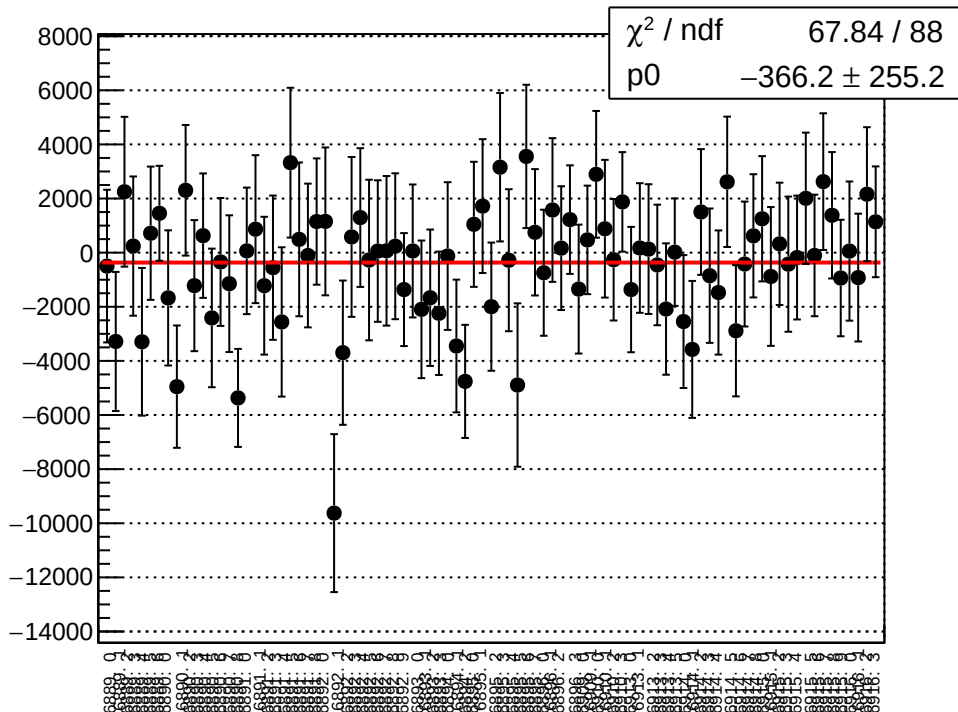
reg_asym_sam_1357_2468_dd_mean vs run



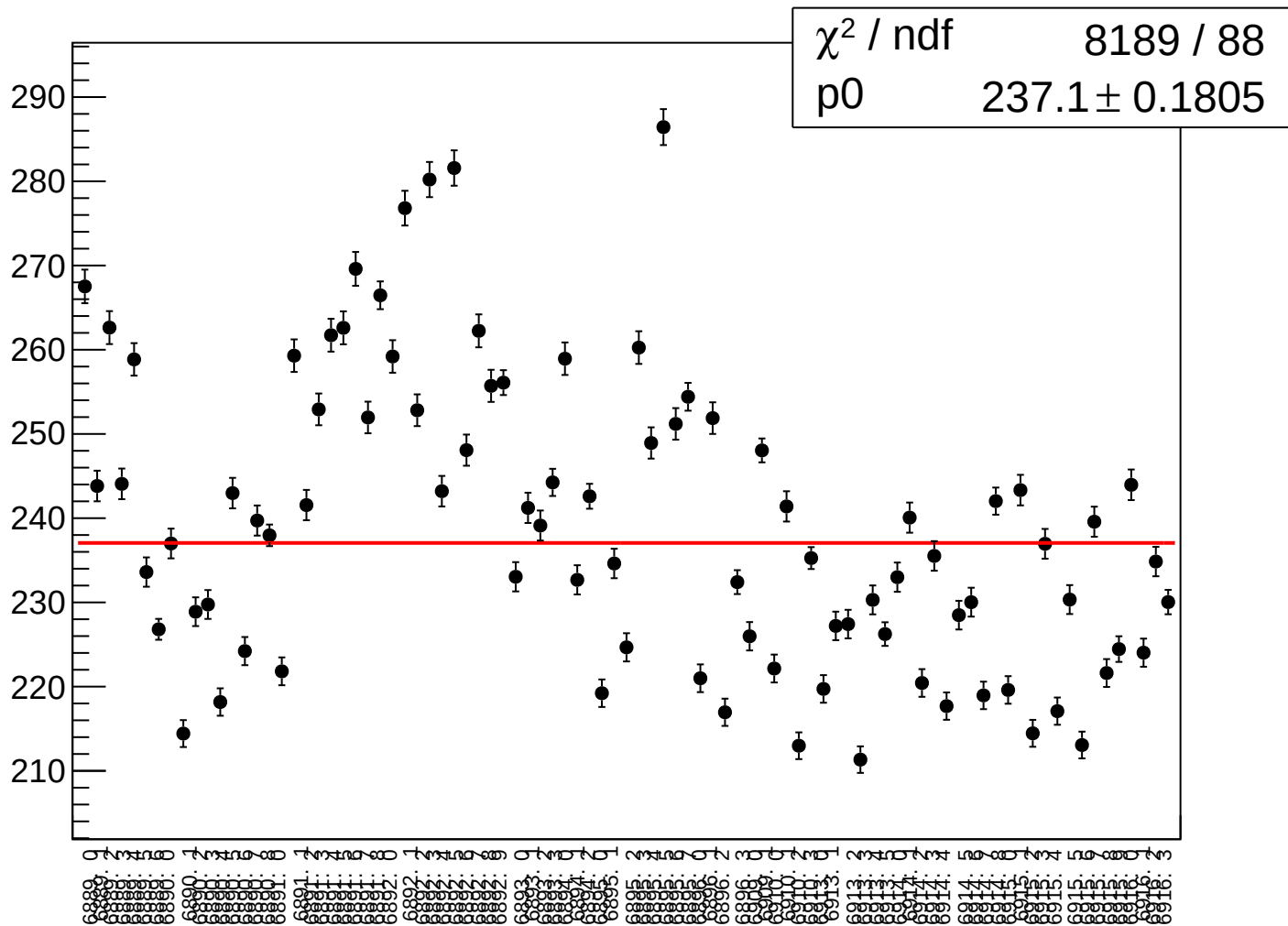
reg_asym_sam_1357_2468_dd_rms vs run



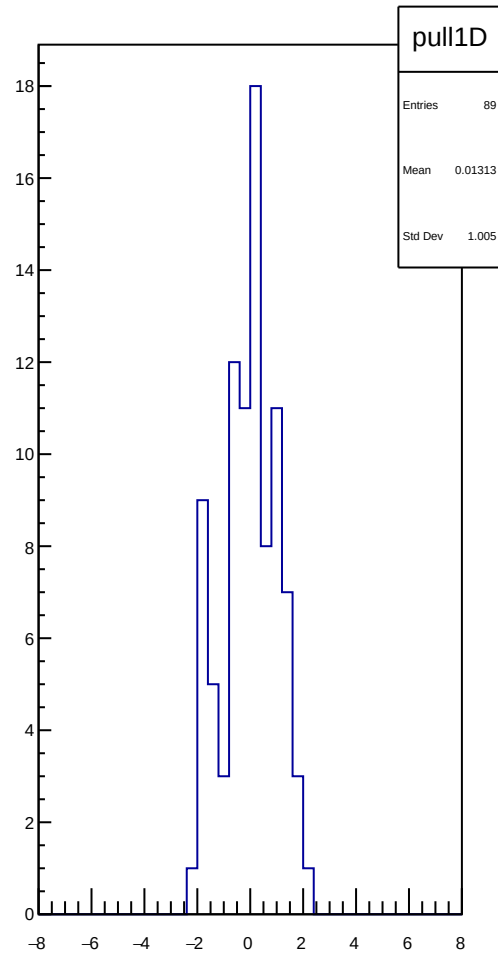
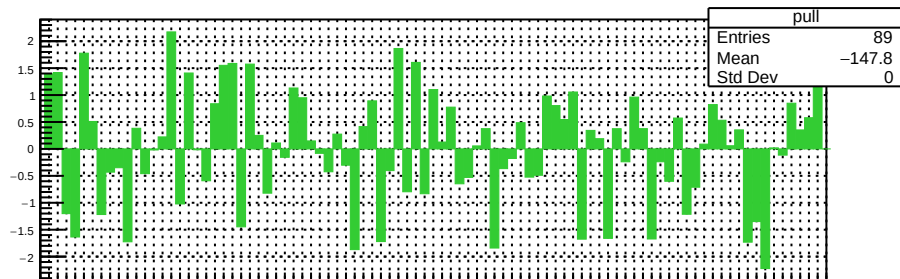
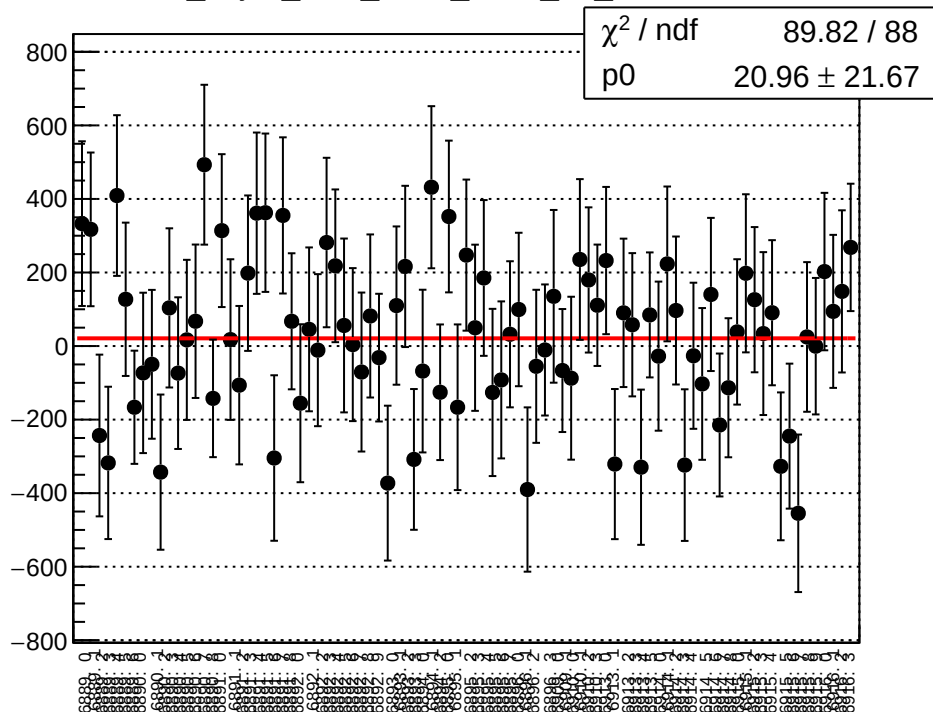
asym_sam_1357_2468_dd_reg_correction_mean vs run



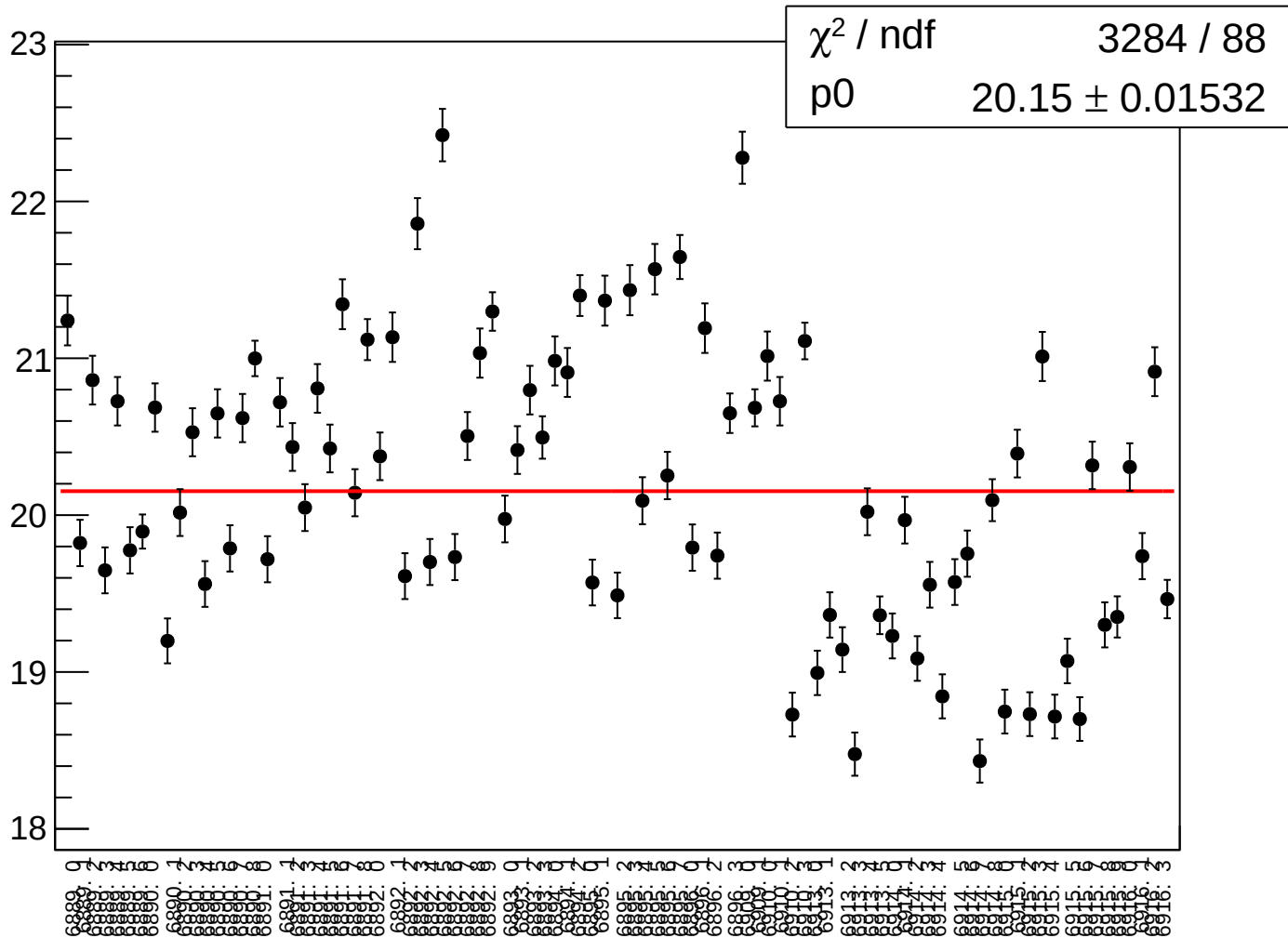
asym_sam_1357_2468_dd_reg_correction_rms vs run



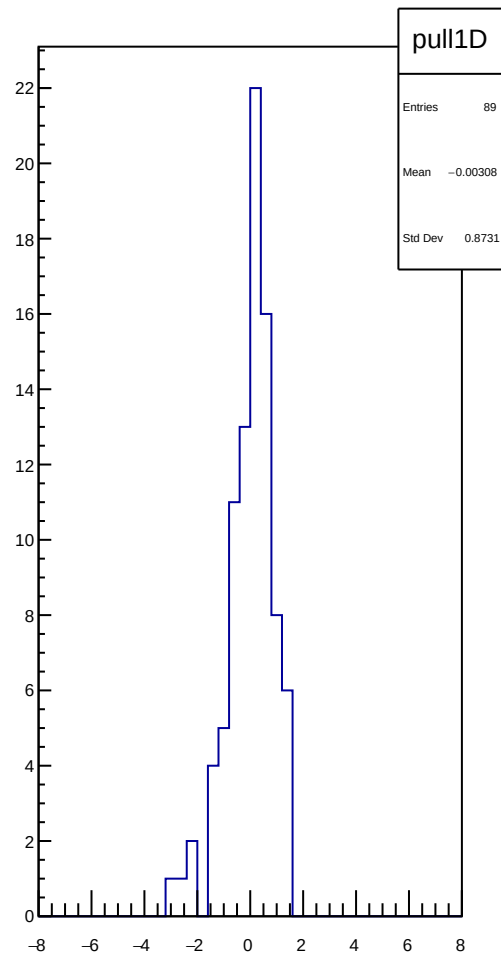
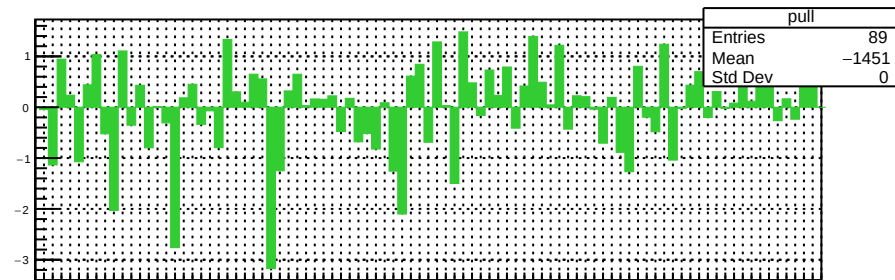
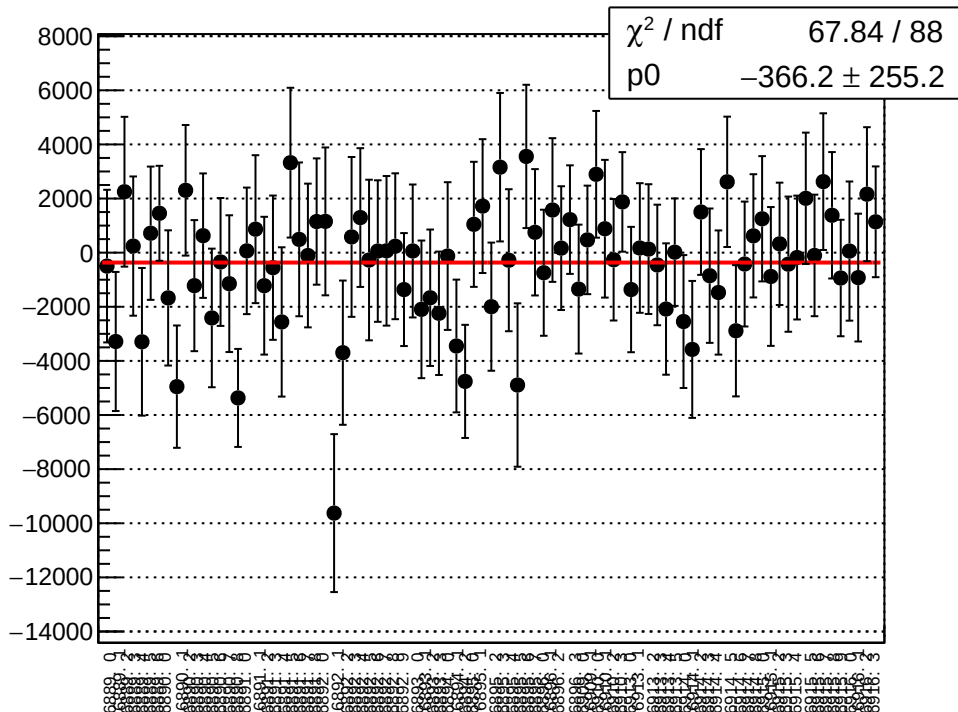
cor_asym_sam_1357_2468_dd_mean vs run



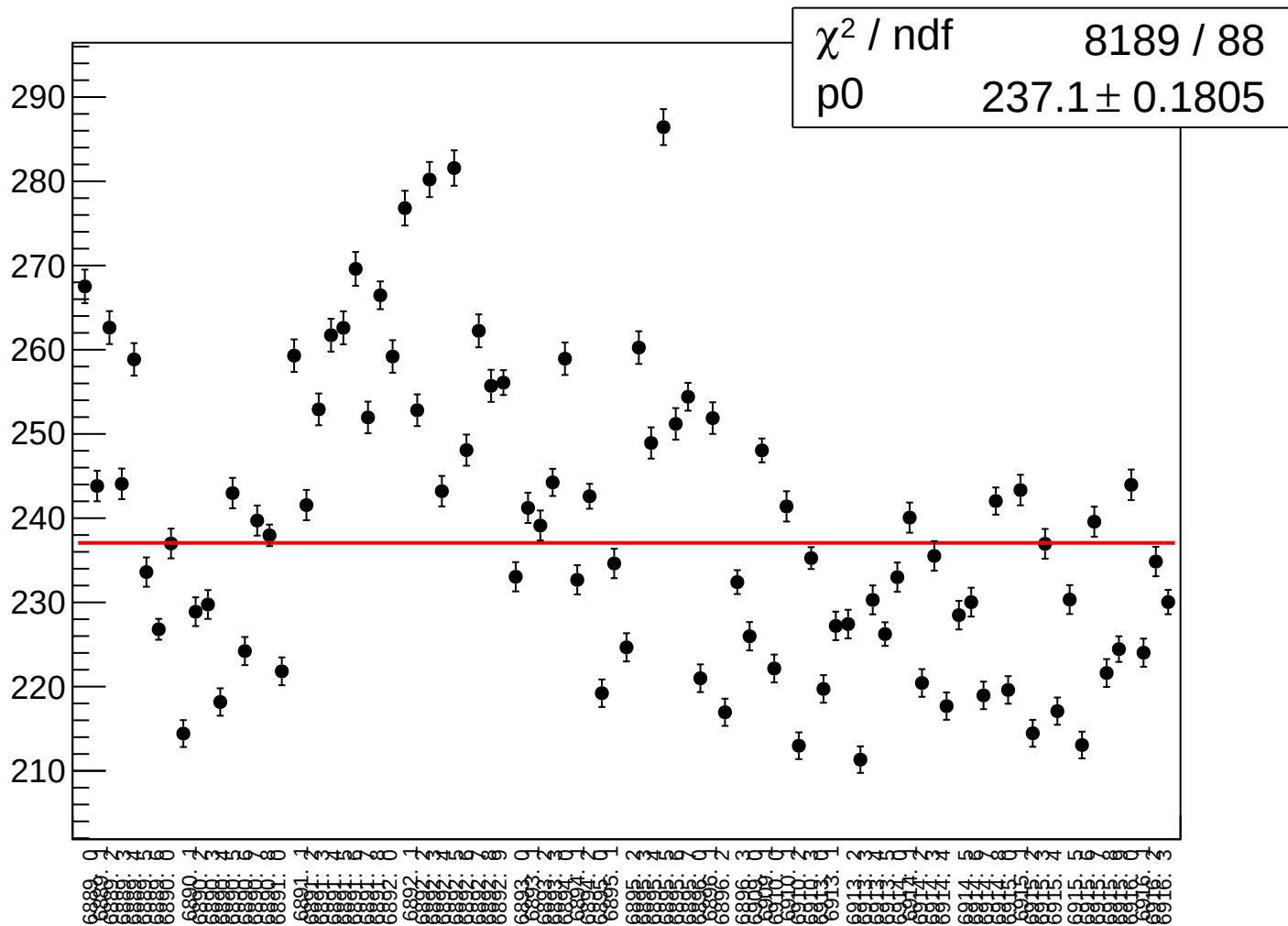
cor_asym_sam_1357_2468_dd_rms vs run



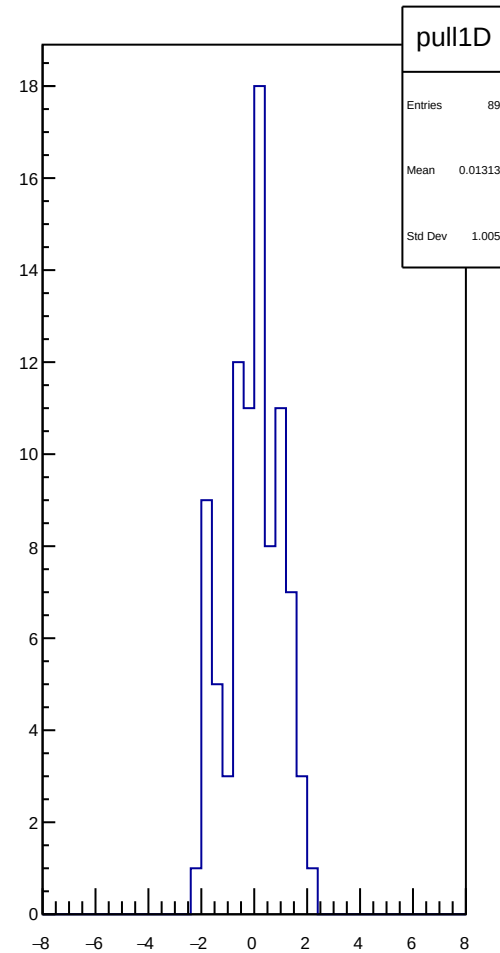
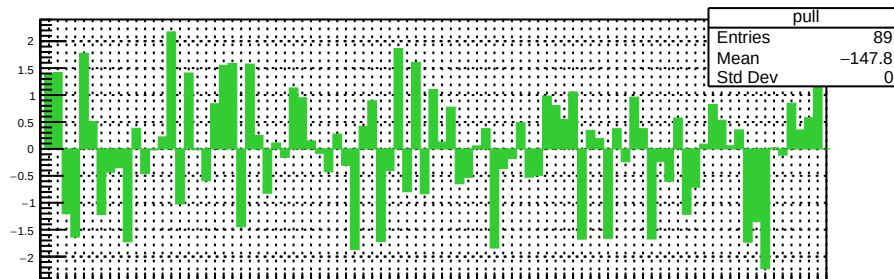
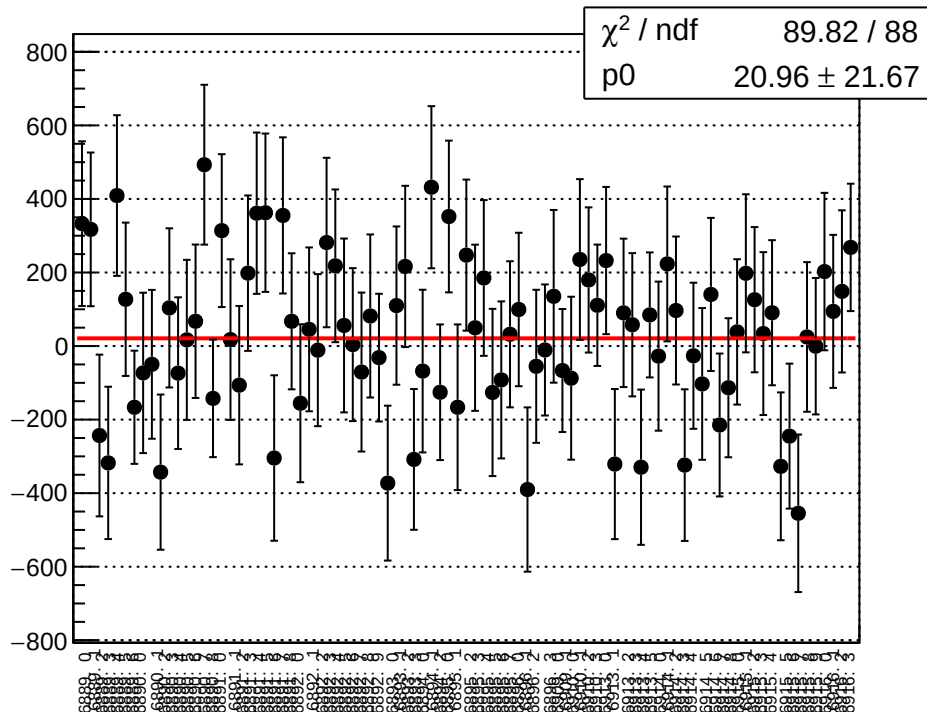
asym_sam_1357_2468_dd_cor_correction_mean vs run



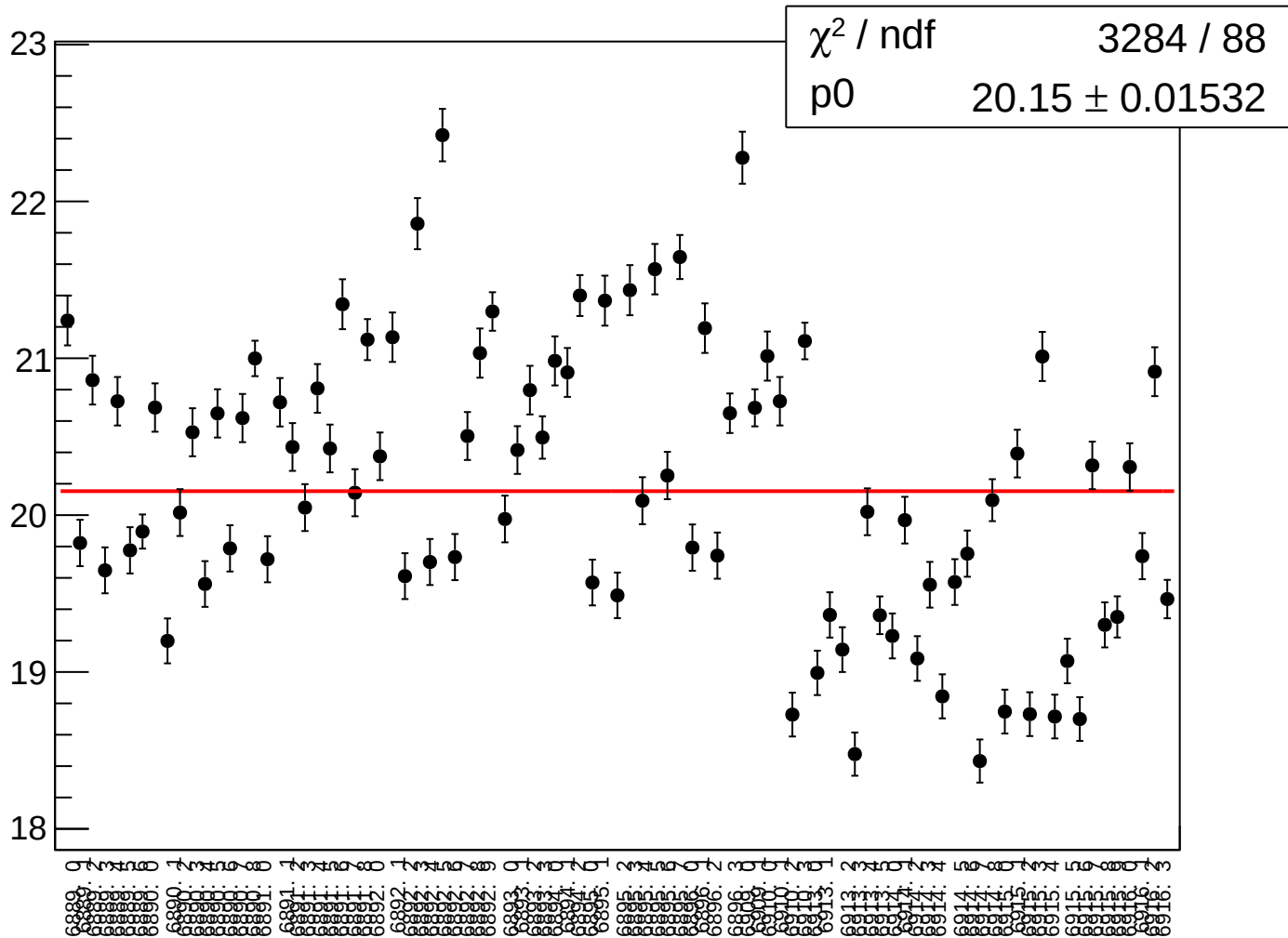
asym_sam_1357_2468_dd_cor_correction_rms vs run



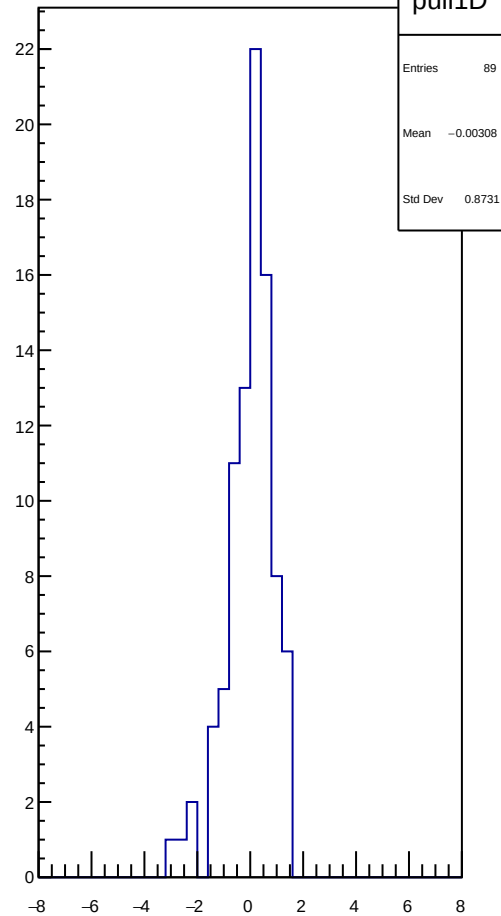
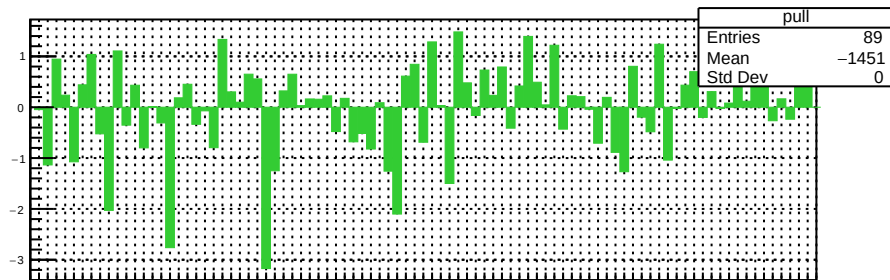
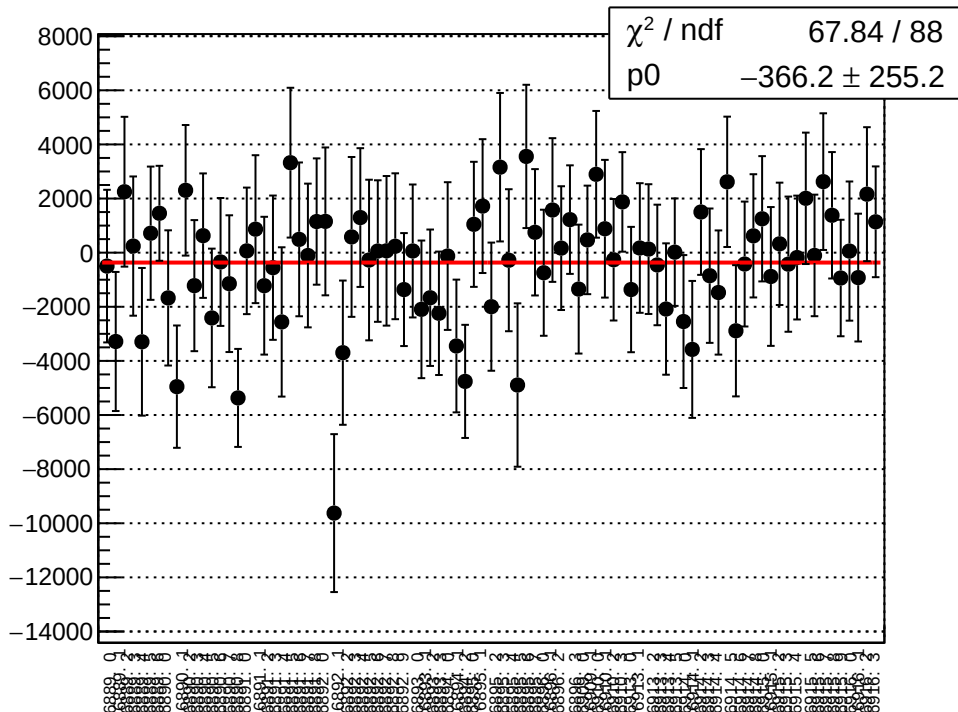
eigen_cor_asym_sam_1357_2468_dd_mean vs run



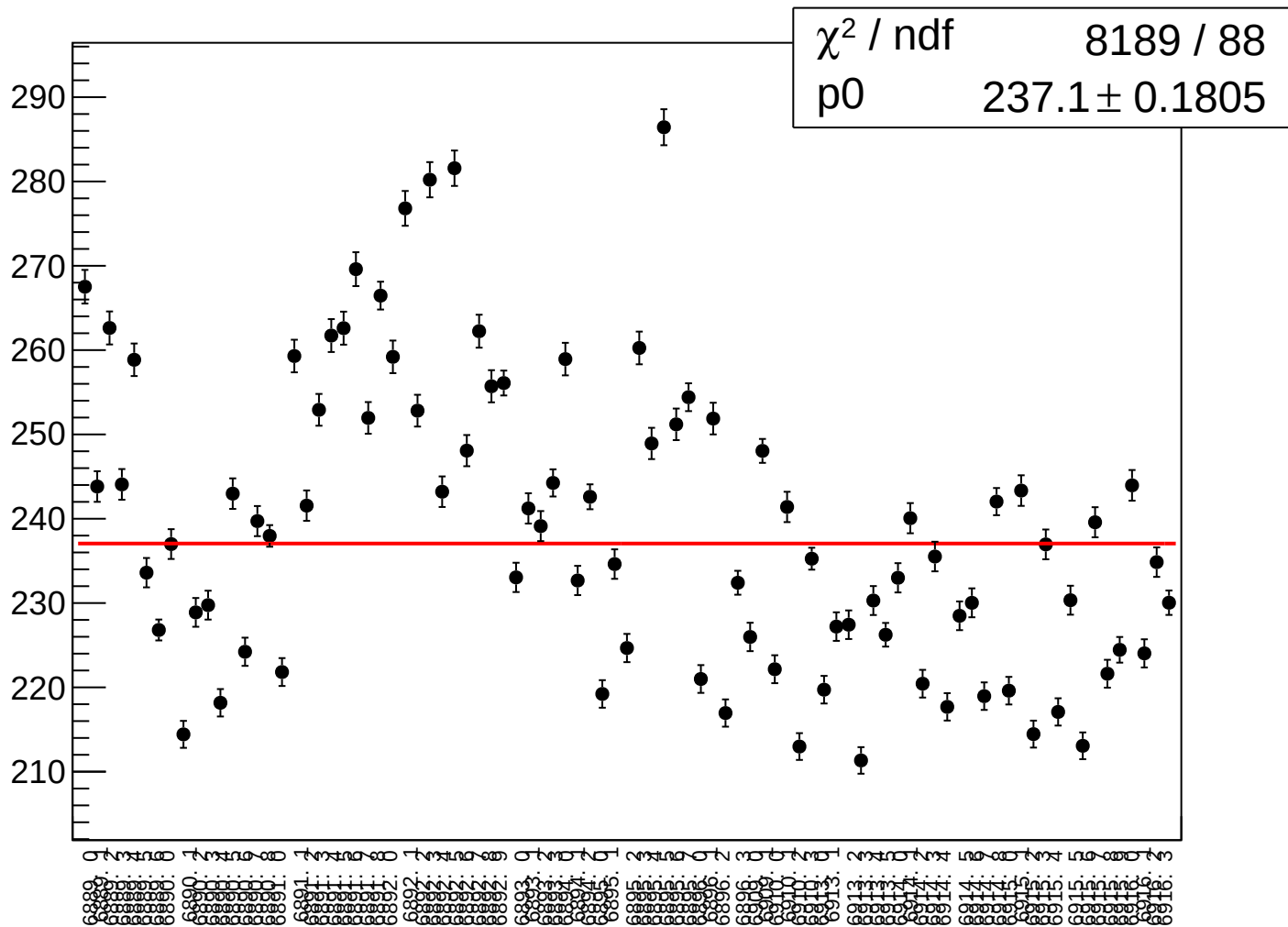
eigen_cor_asym_sam_1357_2468_dd_rms vs run



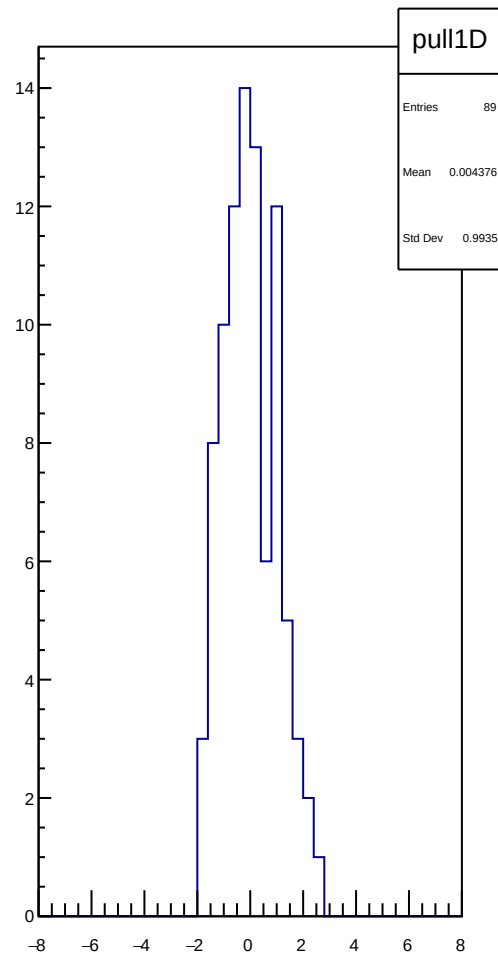
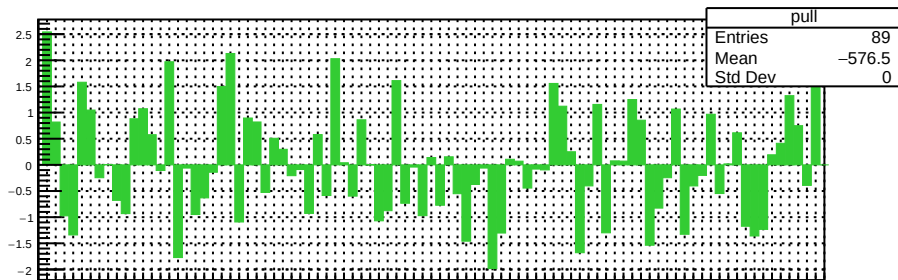
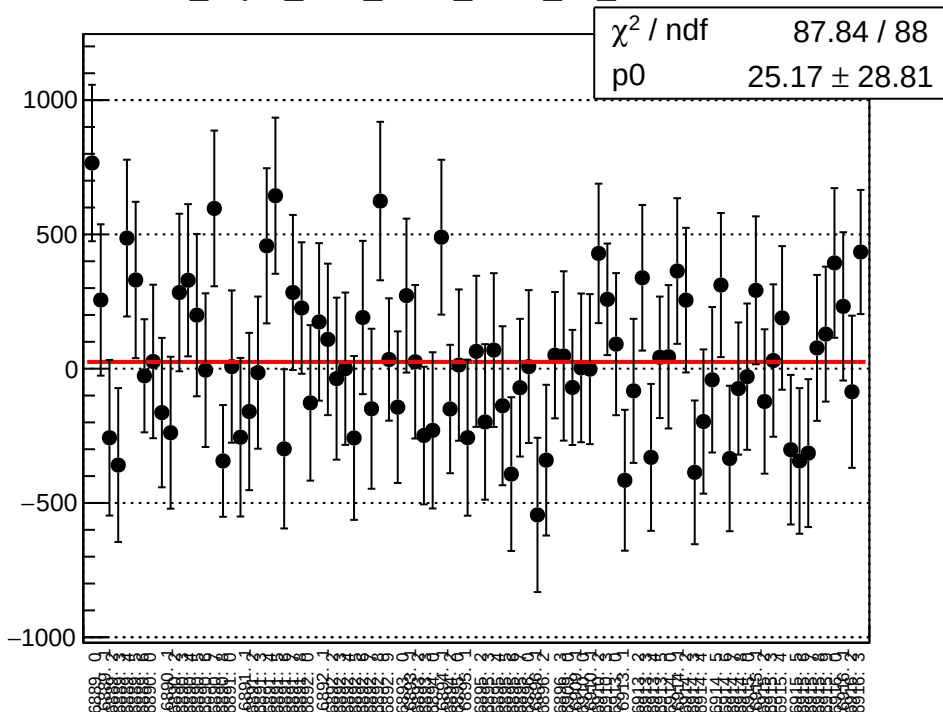
asym_sam_1357_2468_dd_eigen_cor_correction_mean vs run



asym_sam_1357_2468_dd_eigen_cor_correction_rms vs run



dit_asym_sam_1357_2468_dd_mean vs run



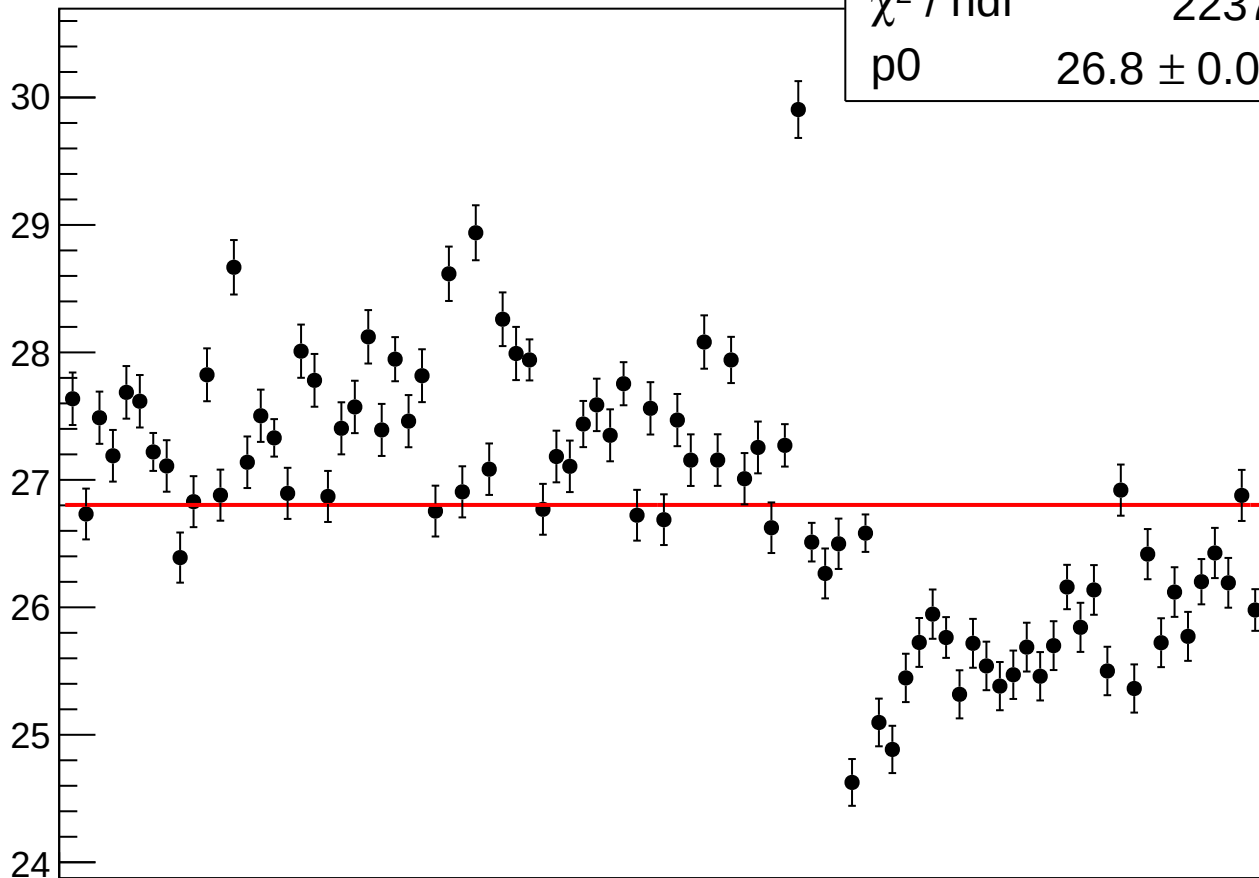
dit_asym_sam_1357_2468_dd_rms vs run

χ^2 / ndf

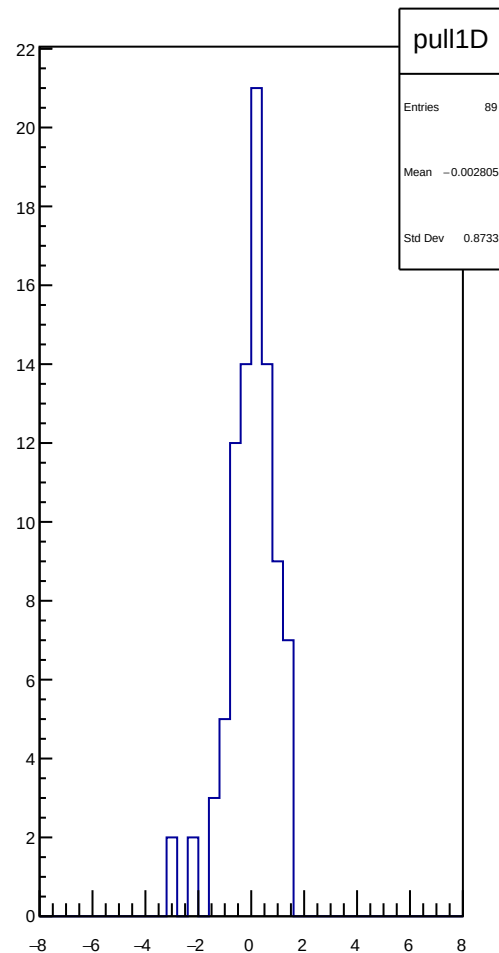
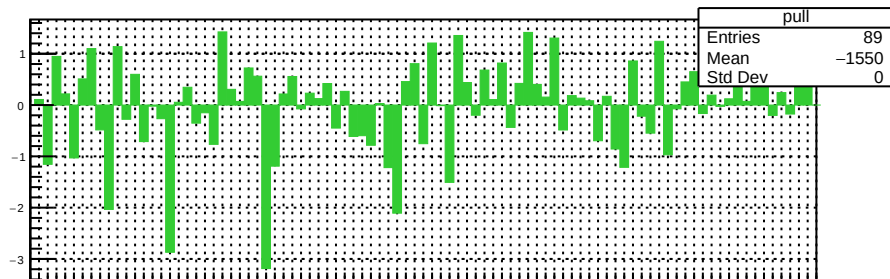
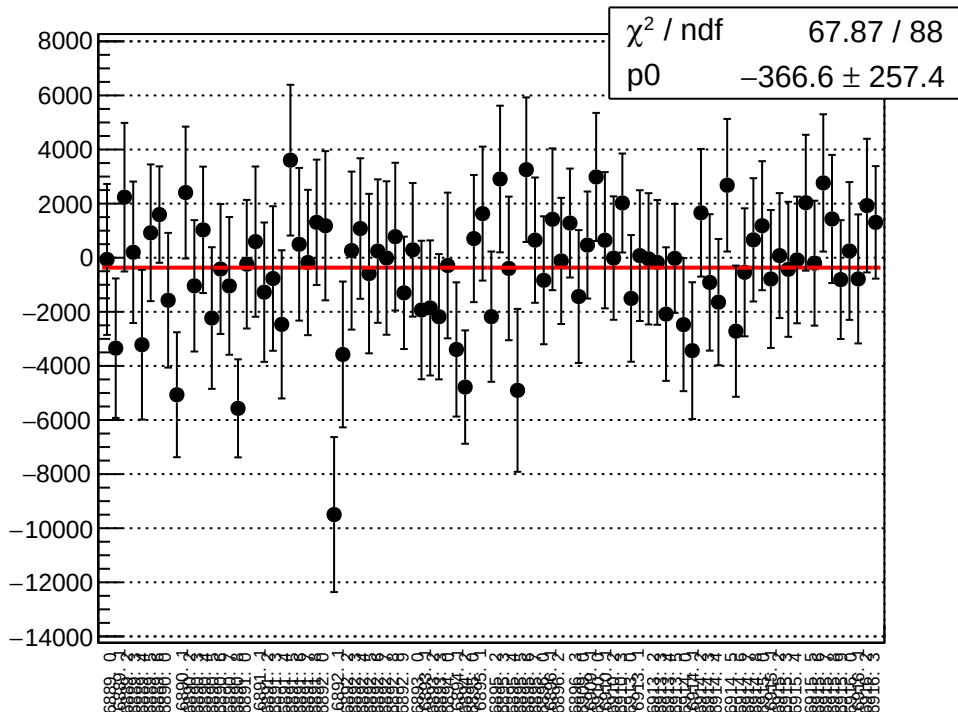
2237 / 88

p0

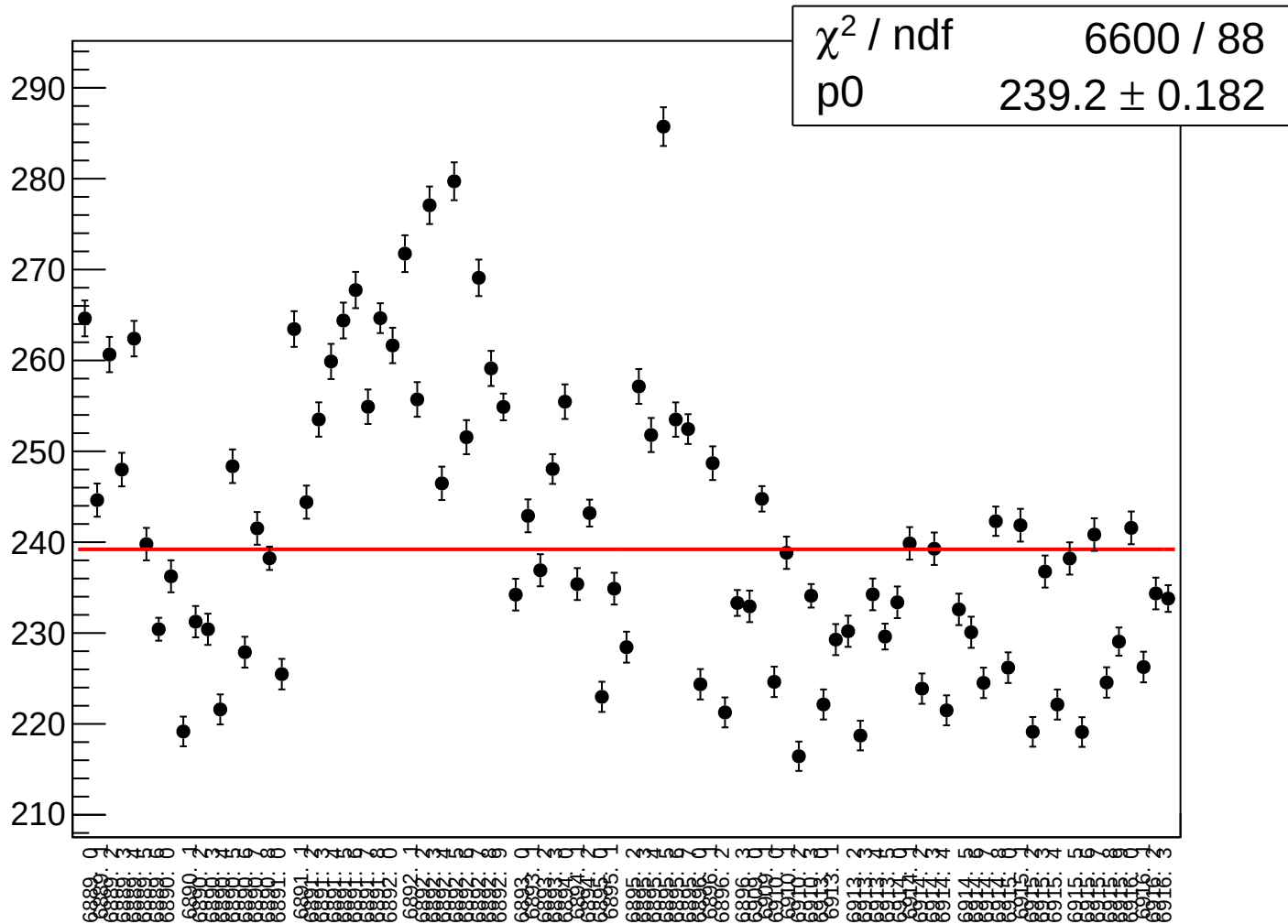
26.8 ± 0.02037



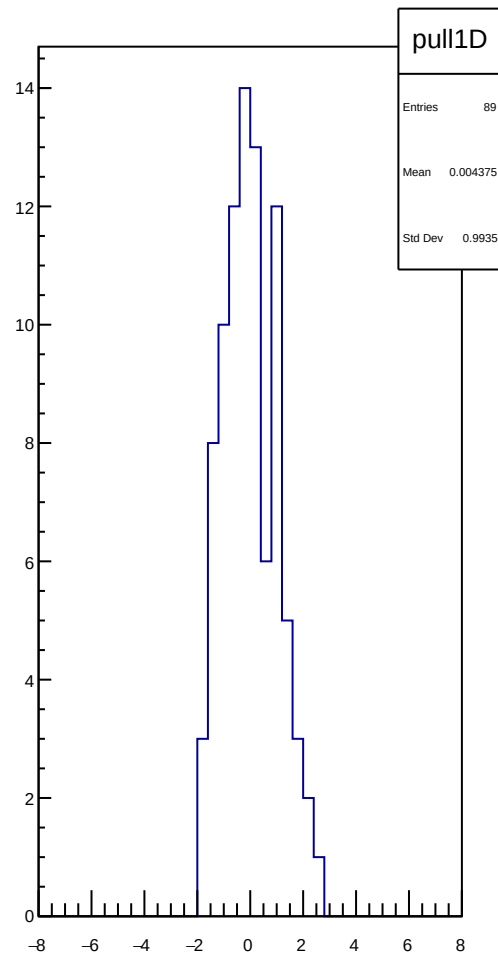
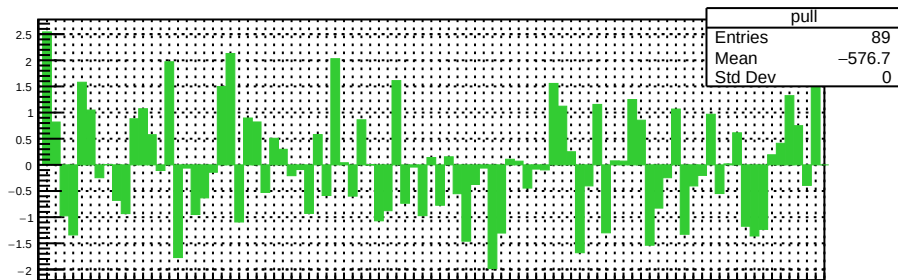
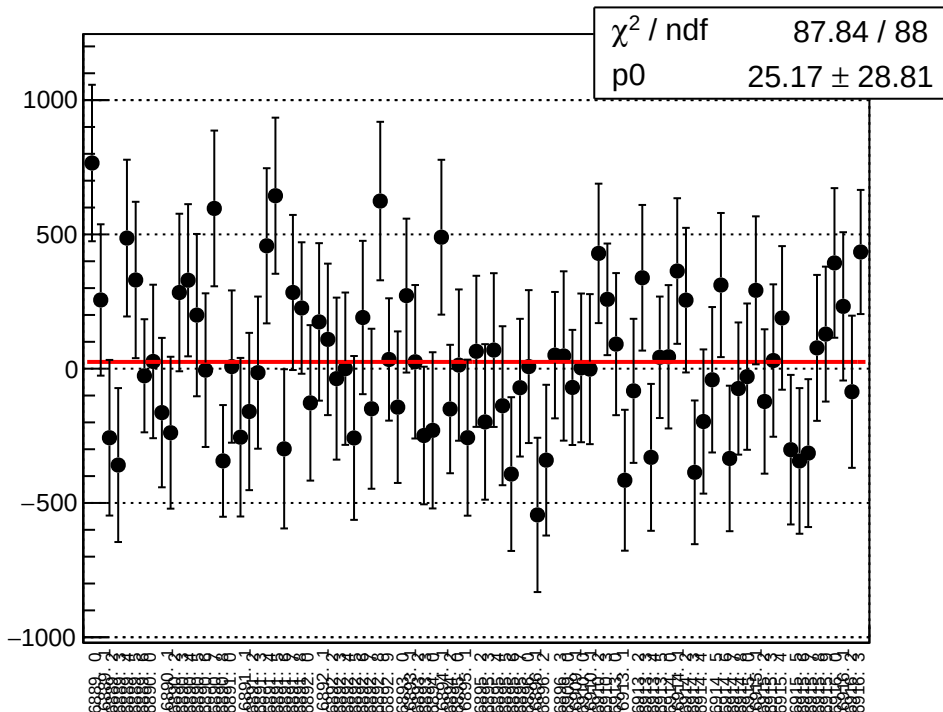
asym_sam_1357_2468_dd_dit_correction_mean vs run



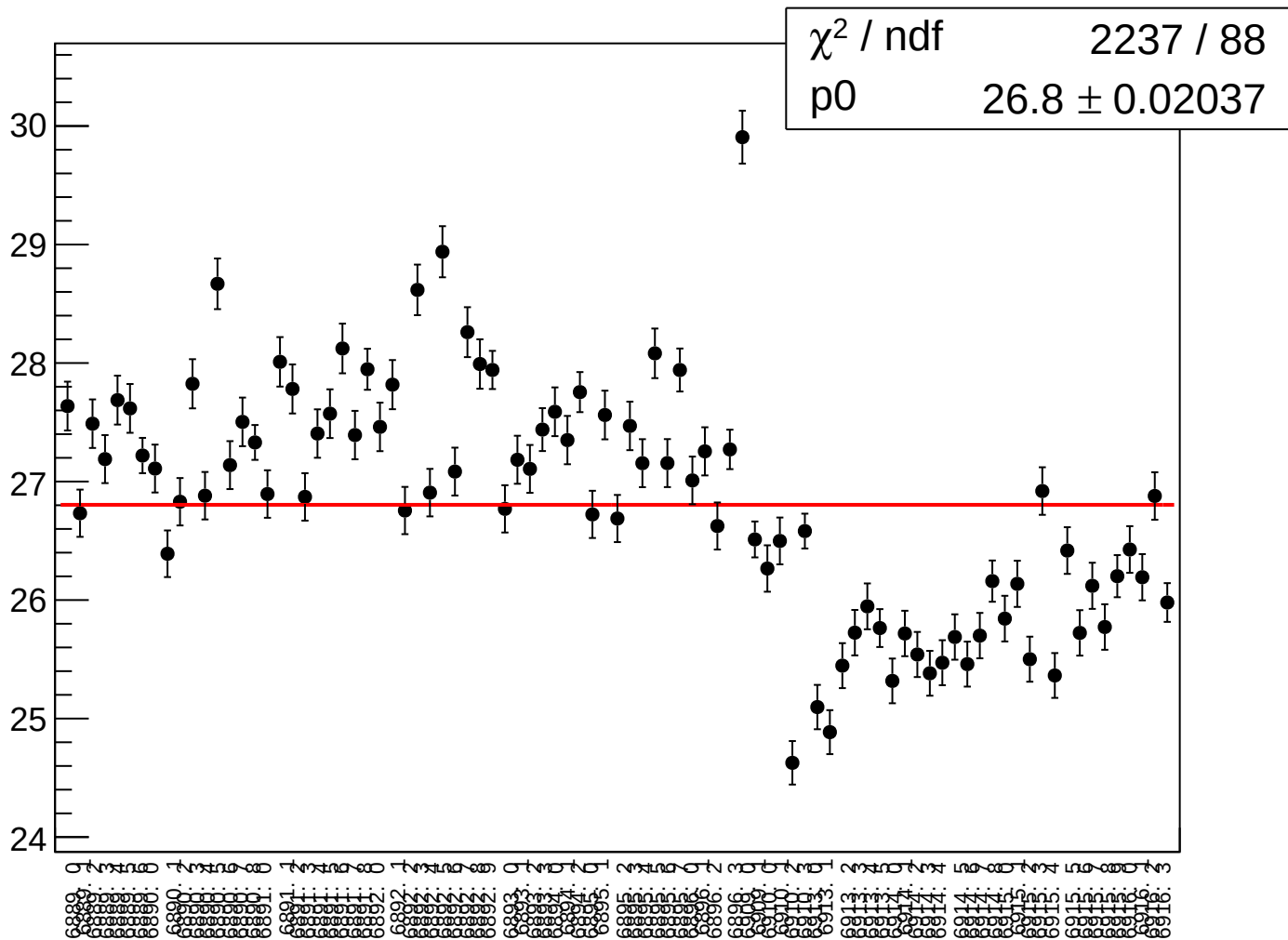
asym_sam_1357_2468_dd_dit_correction_rms vs run



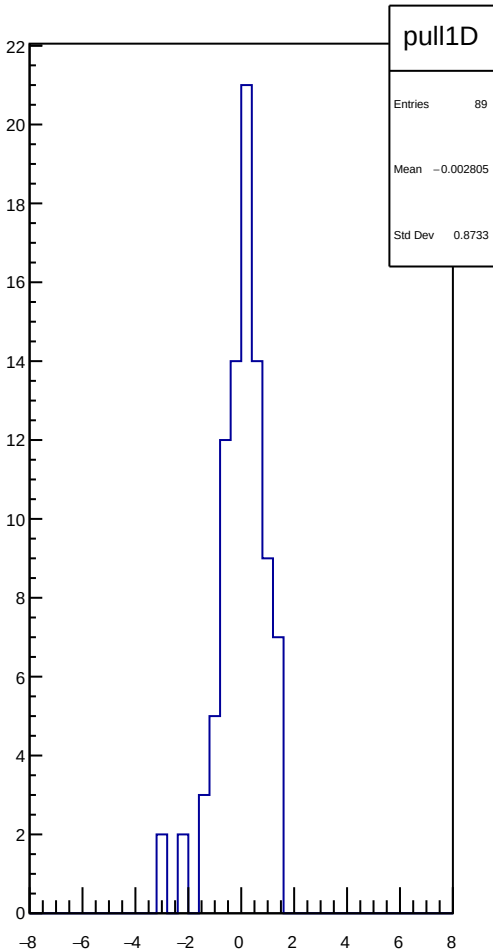
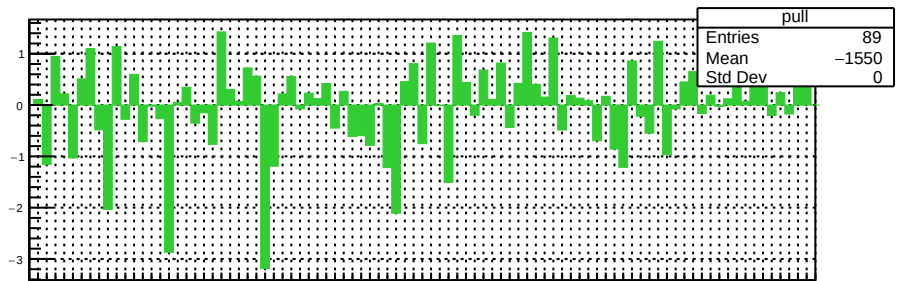
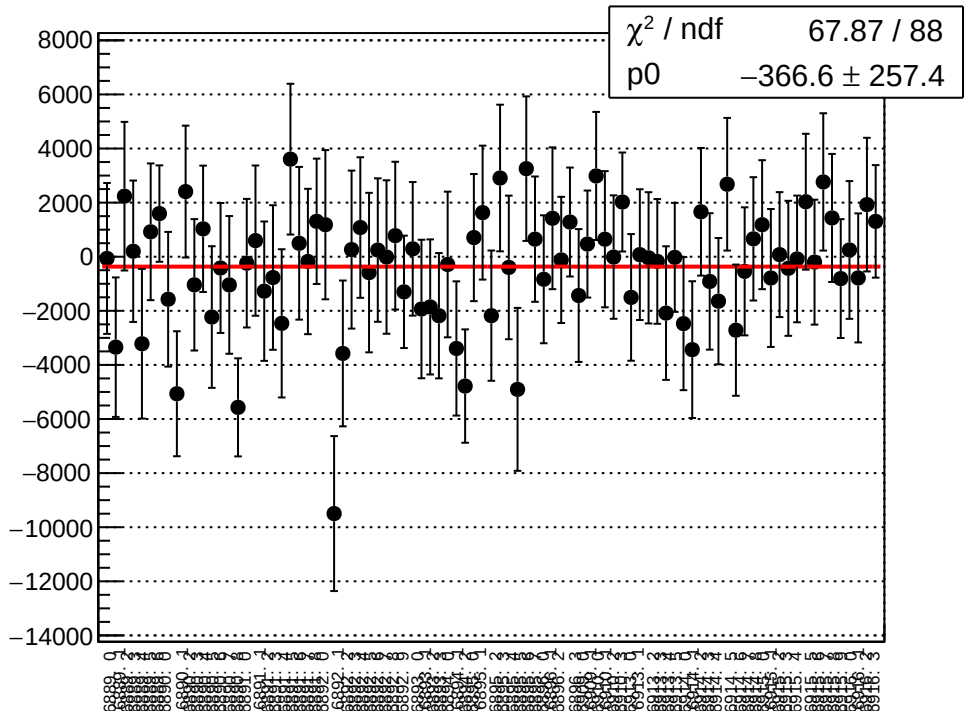
eigen_dit_asym_sam_1357_2468_dd_mean vs run



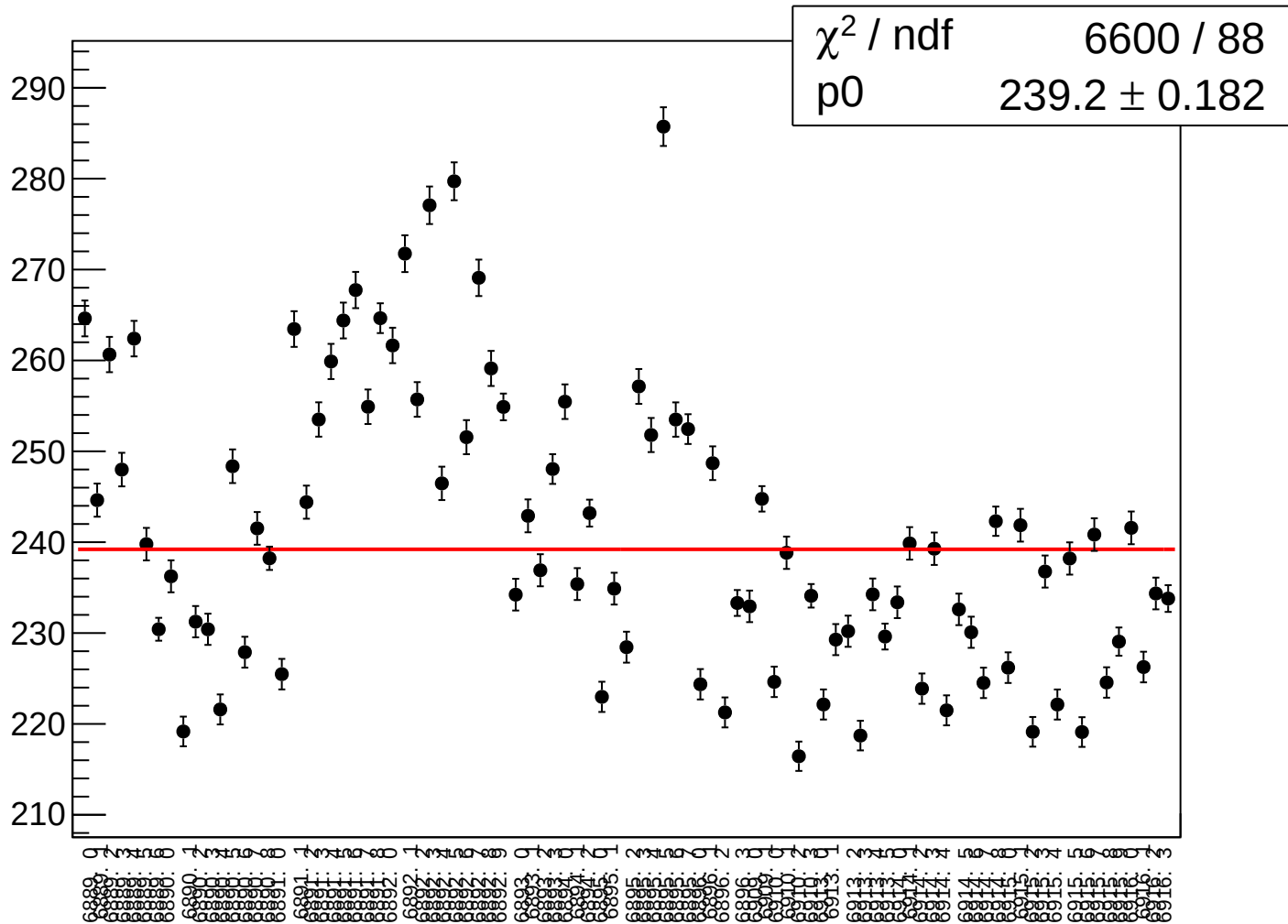
eigen_dit_asym_sam_1357_2468_dd_rms vs run



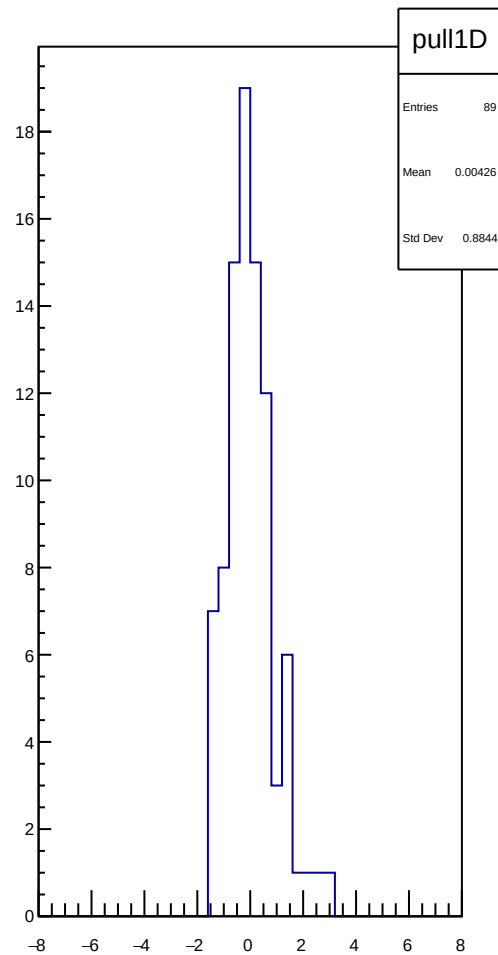
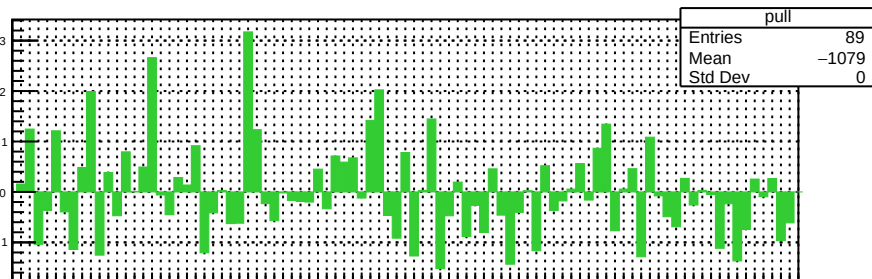
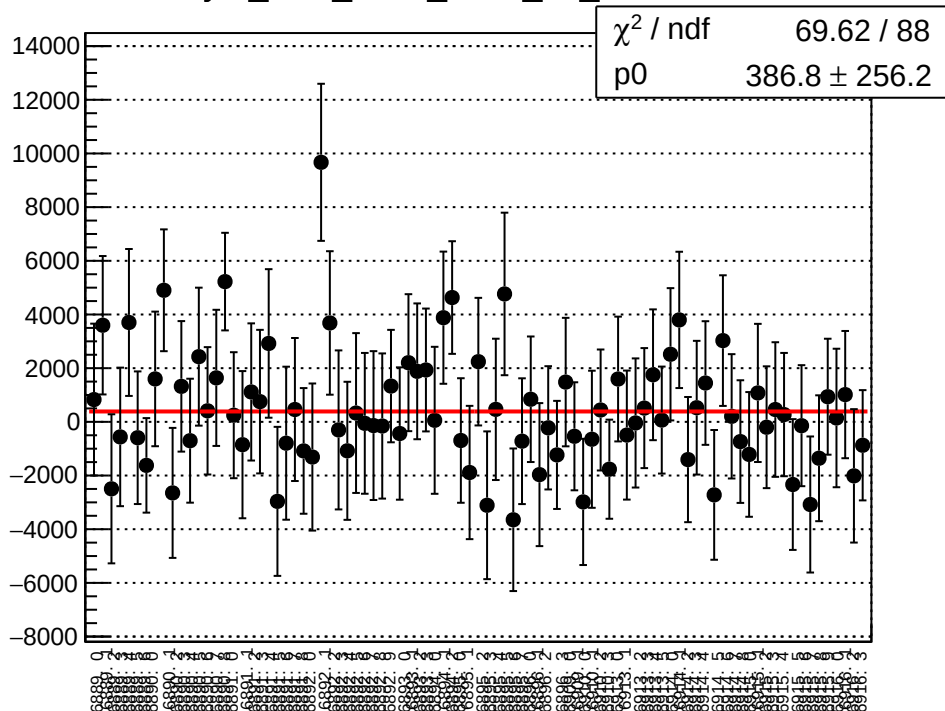
asym_sam_1357_2468_dd_eigen_dit_correction_mean vs run



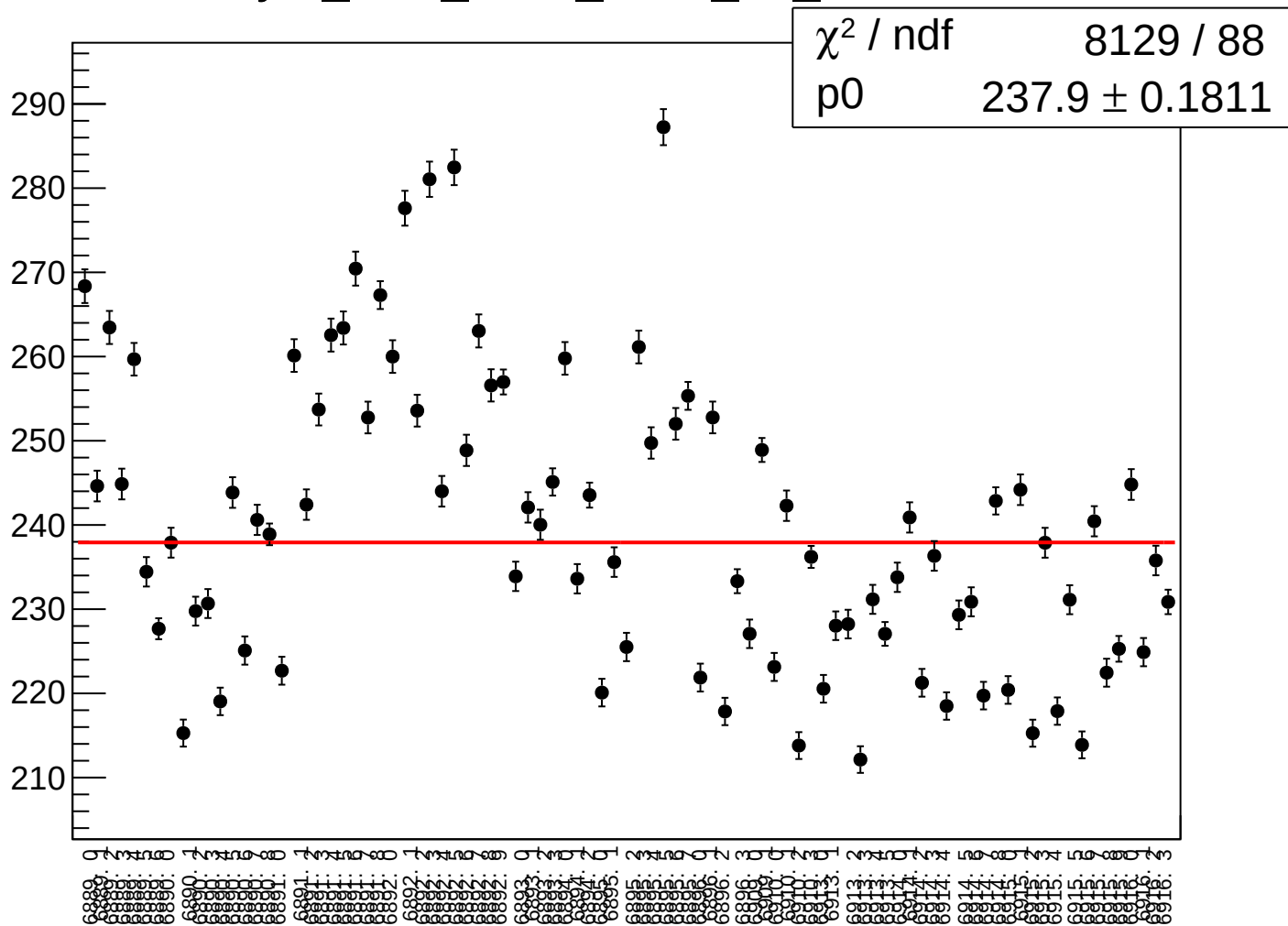
asym_sam_1357_2468_dd_eigen_dit_correction_rms vs run



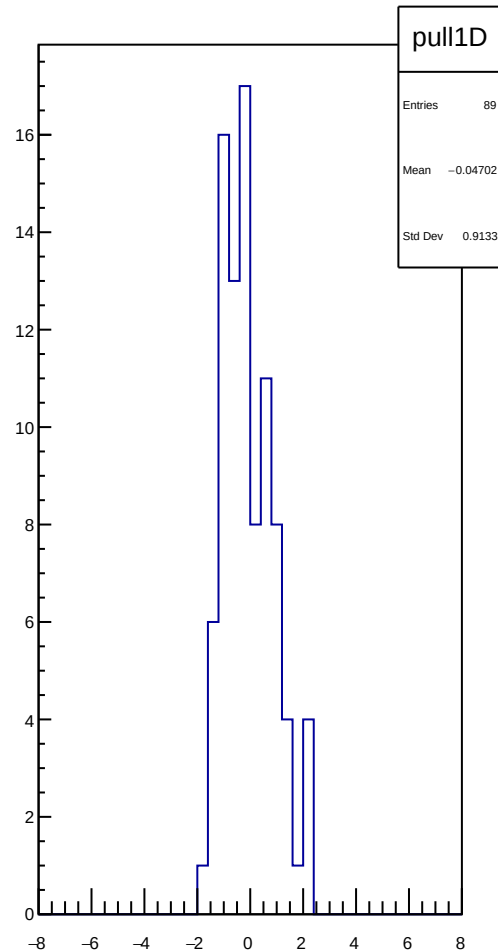
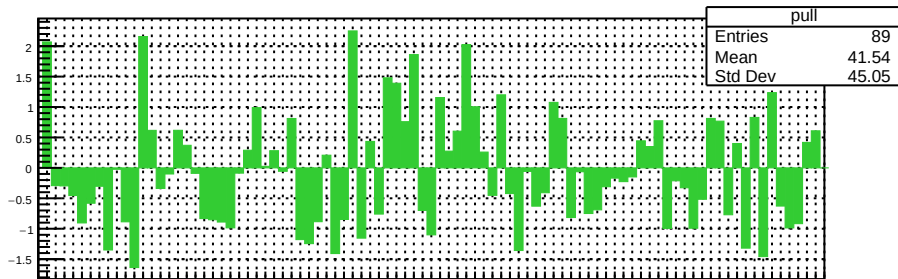
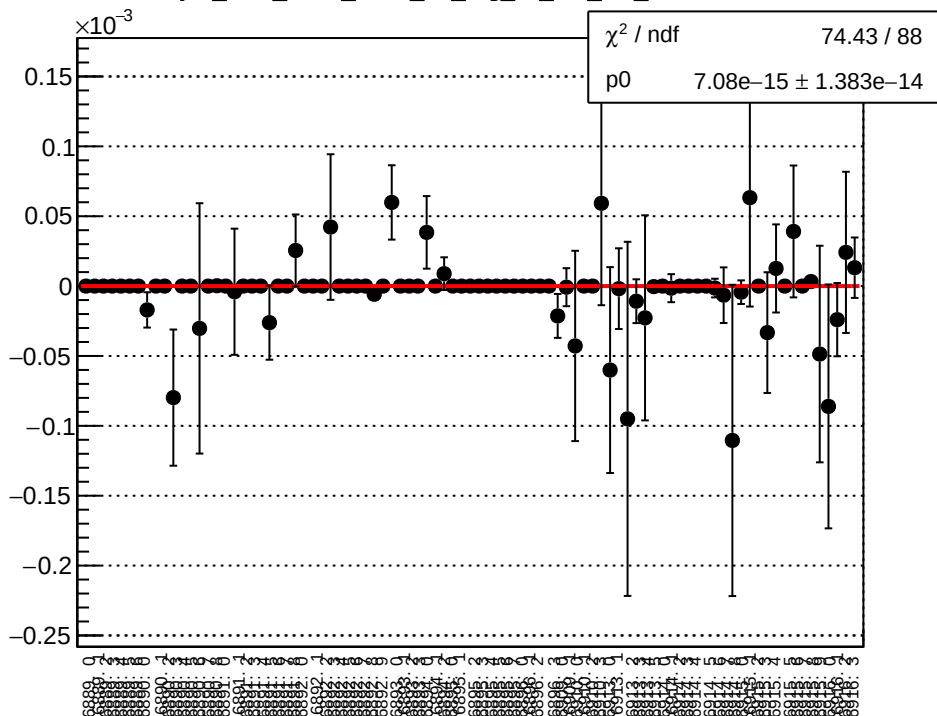
asym_sam_1357_2468_dd_mean vs run



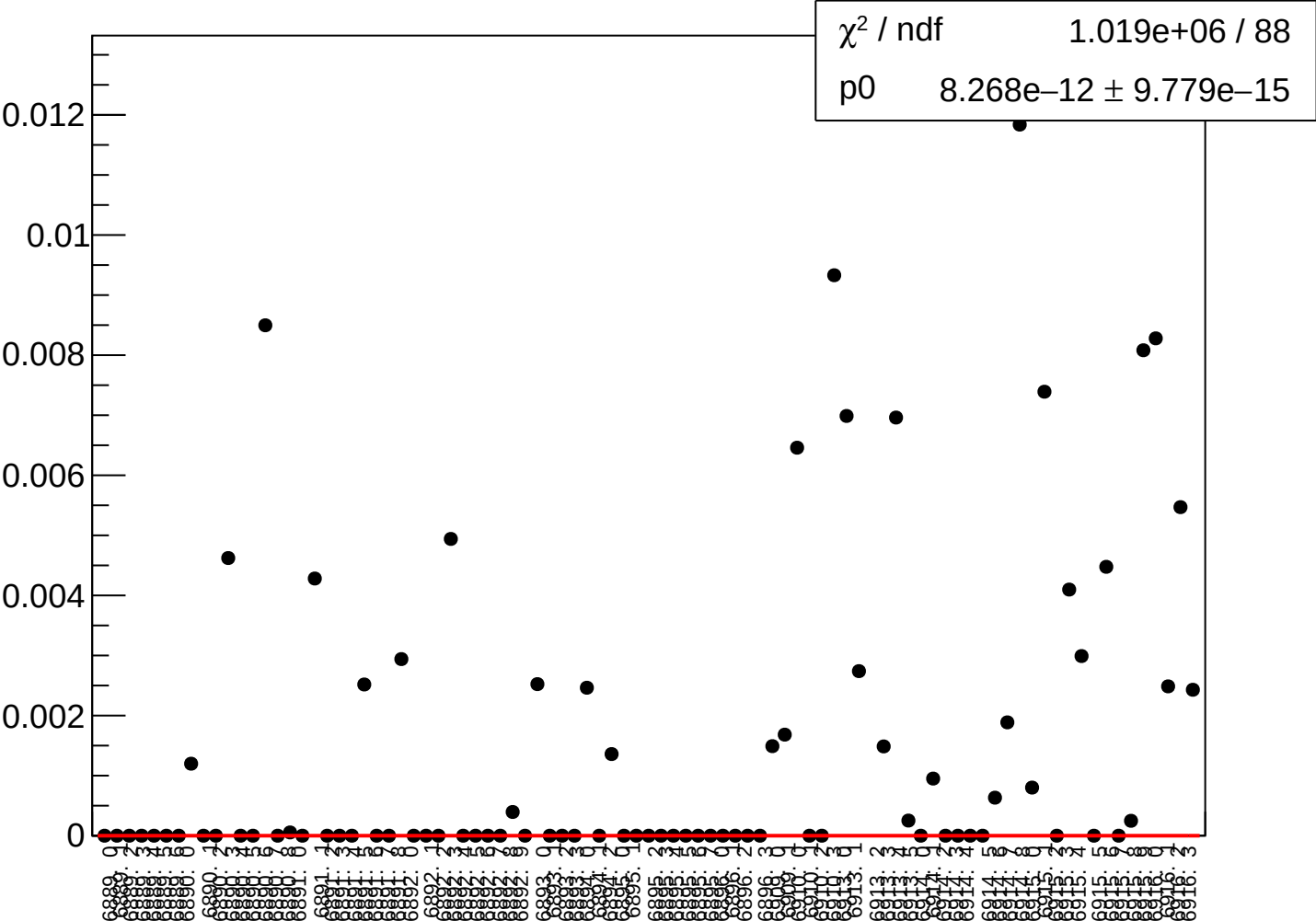
asym_sam_1357_2468_dd_rms vs run



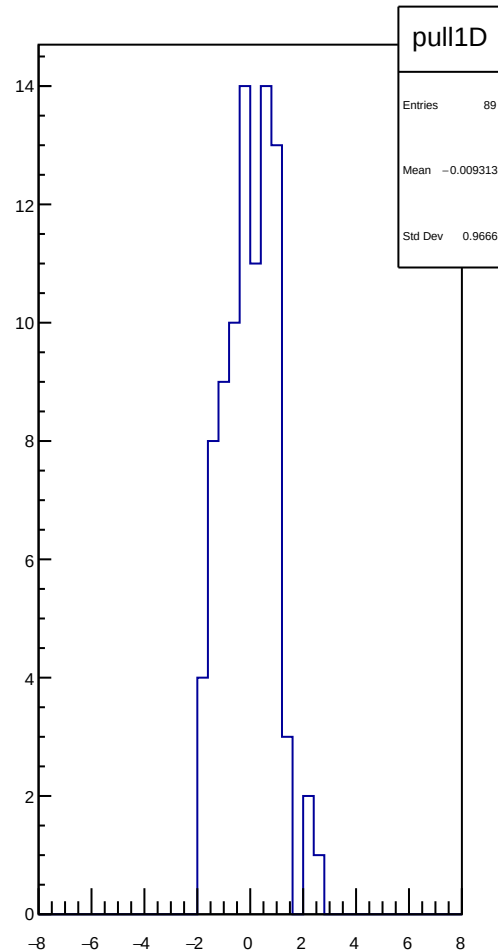
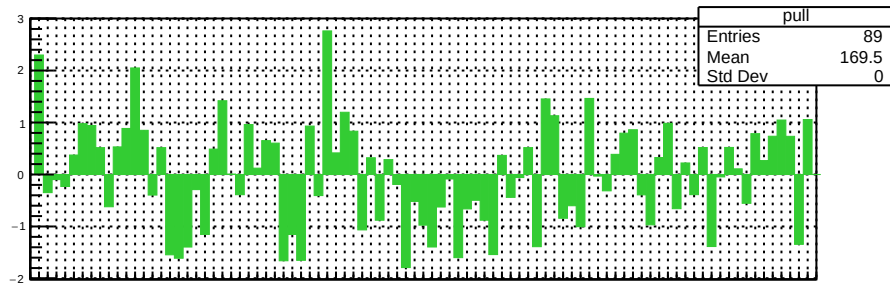
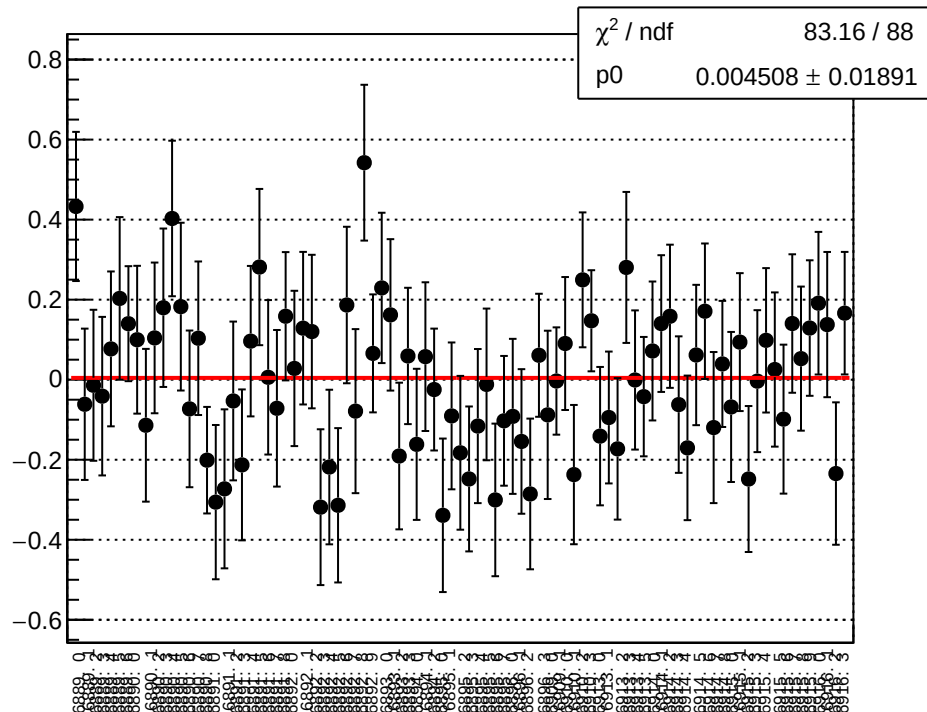
asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs run



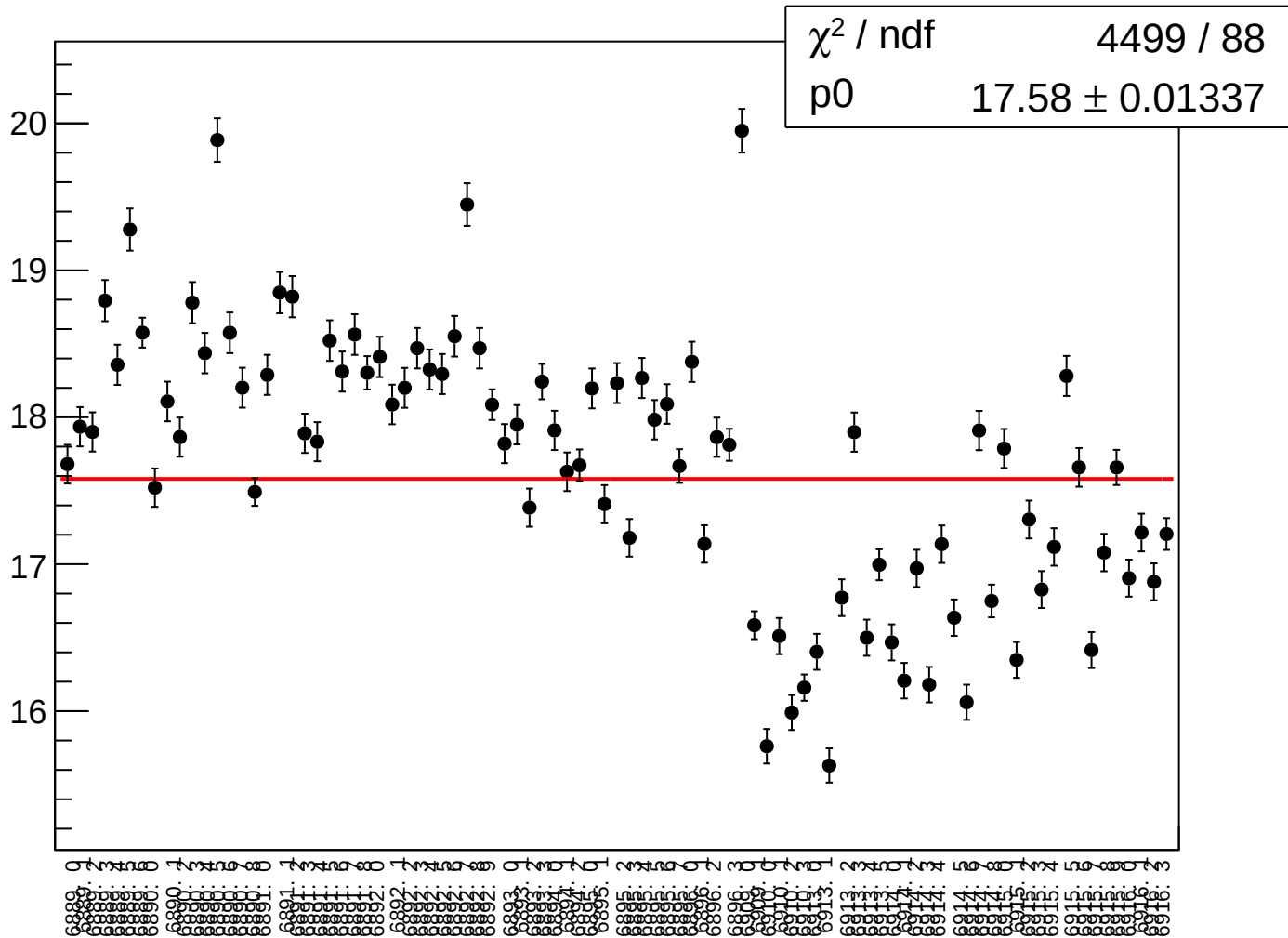
asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs run



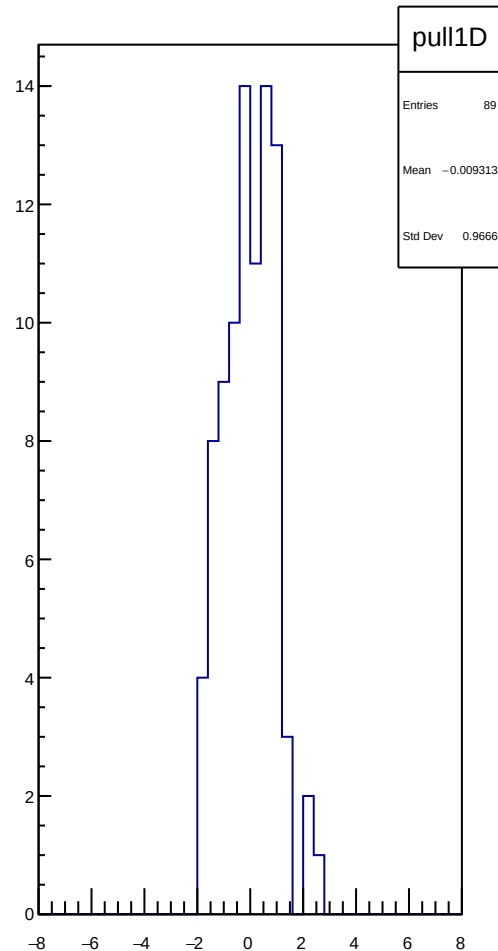
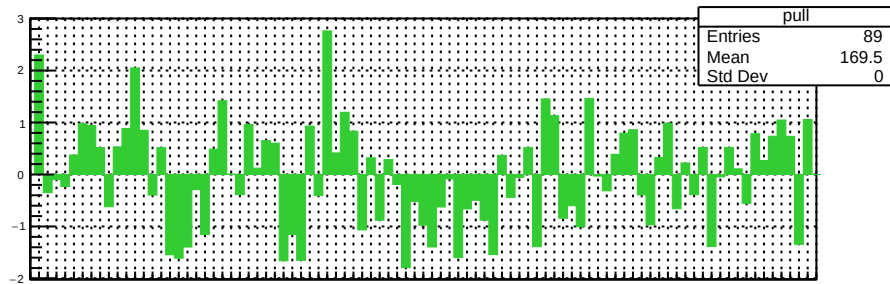
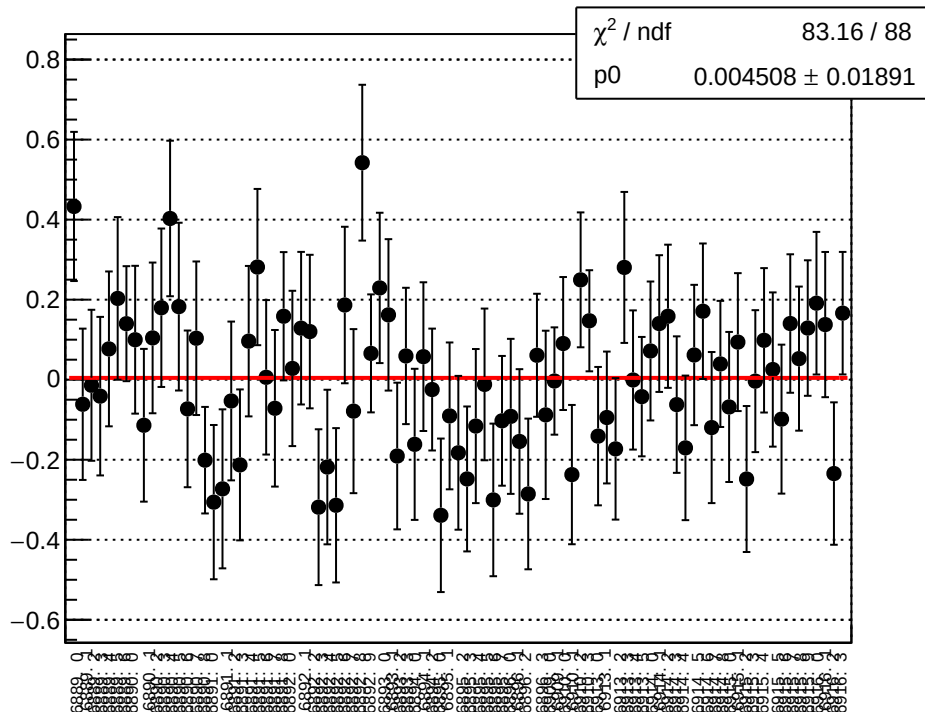
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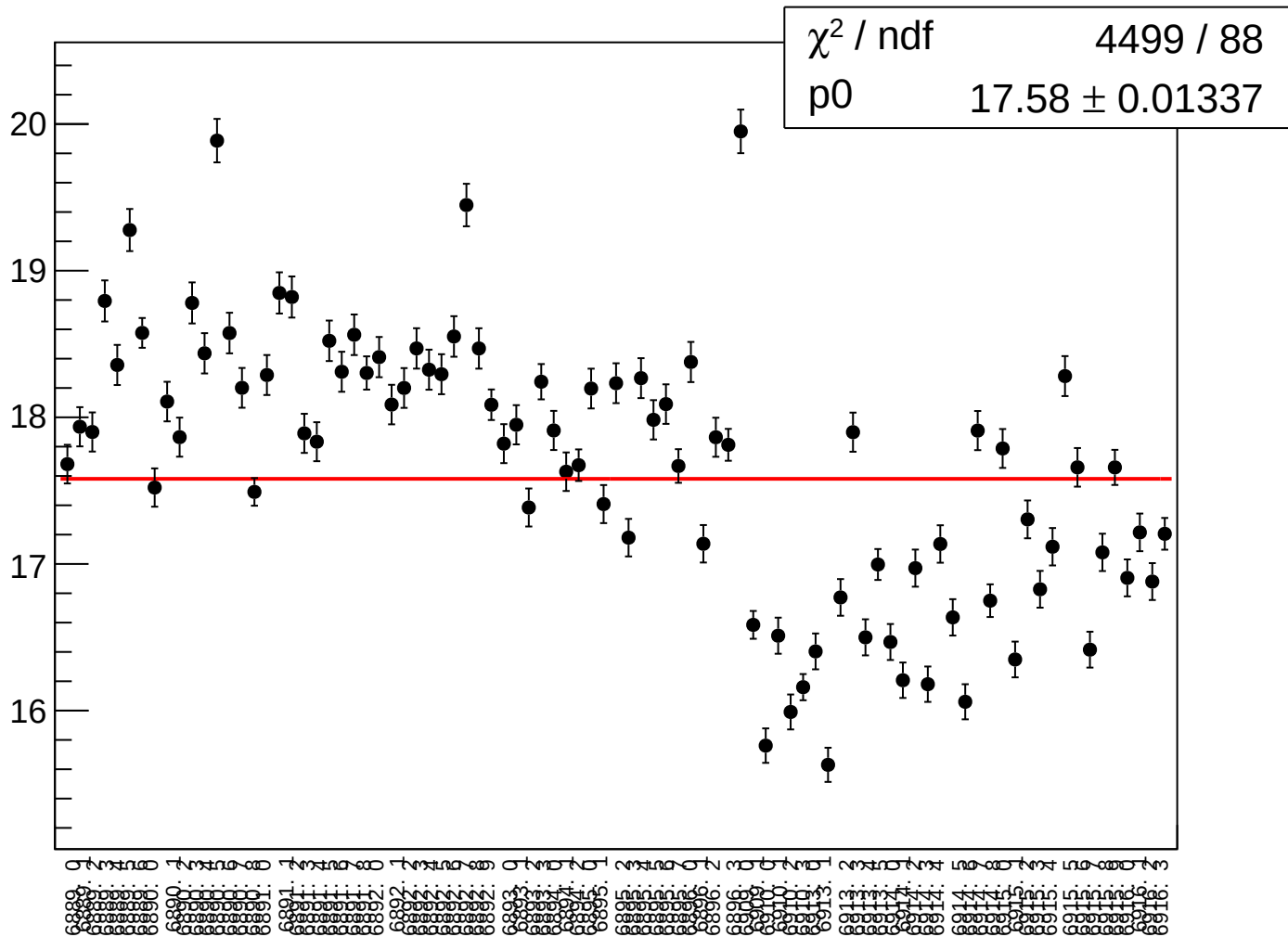
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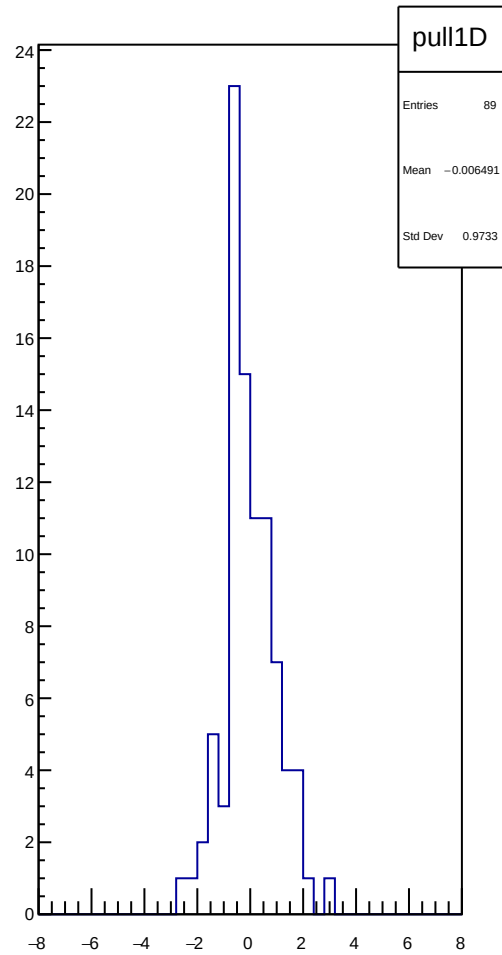
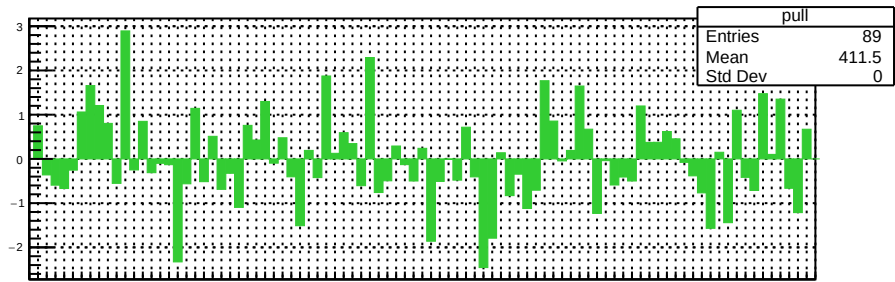
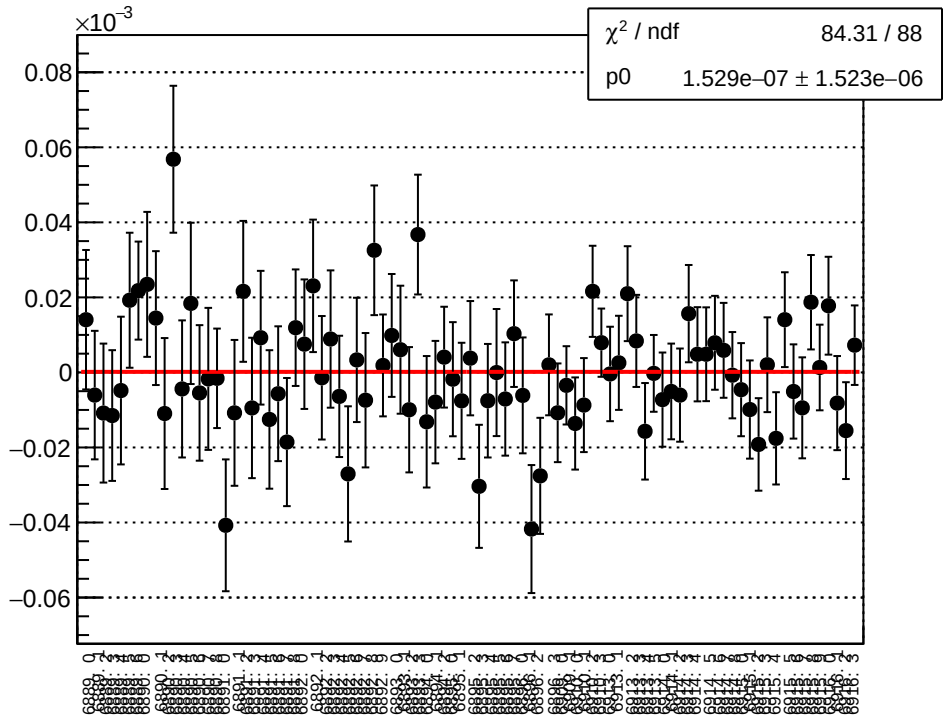
asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs run



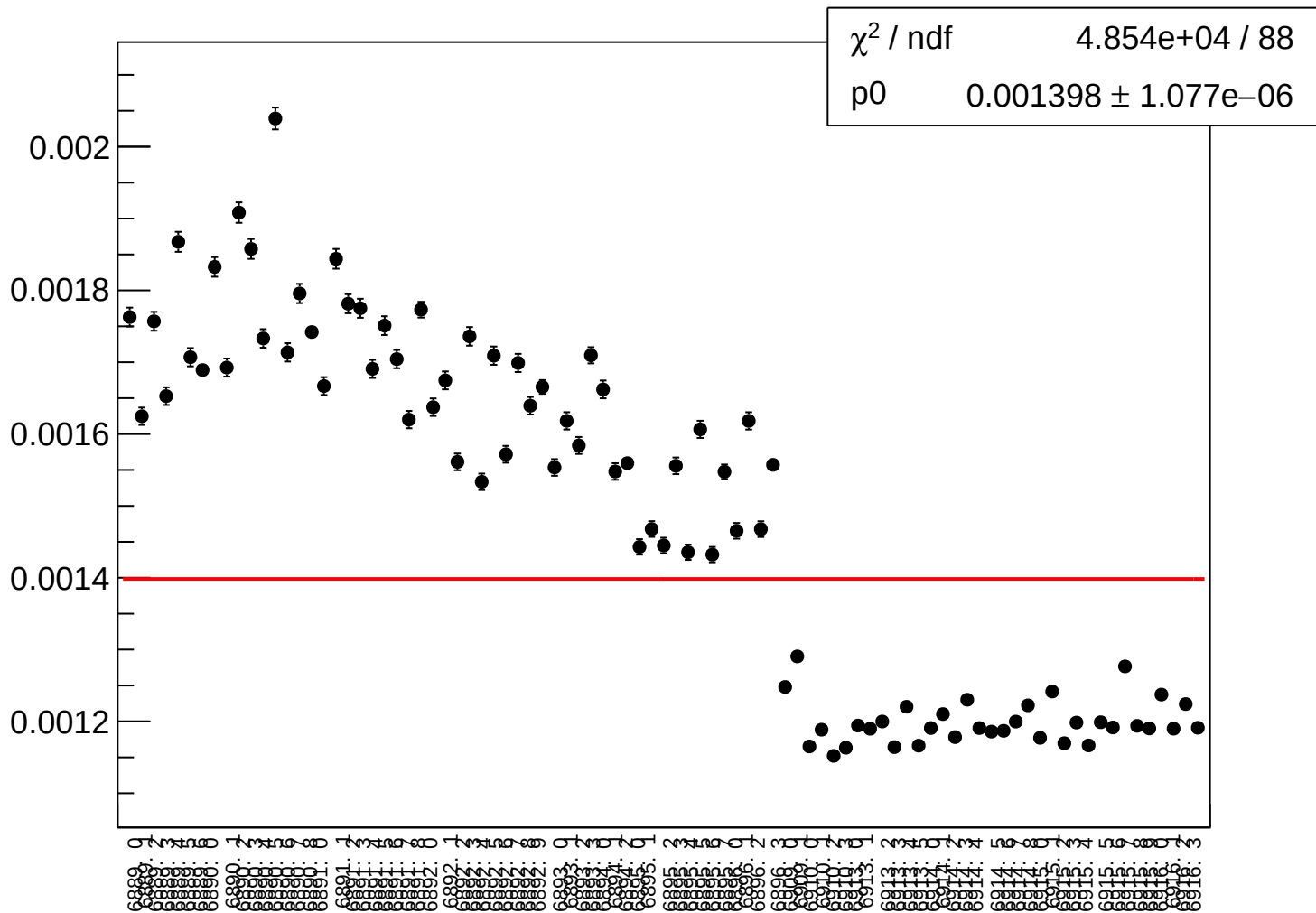
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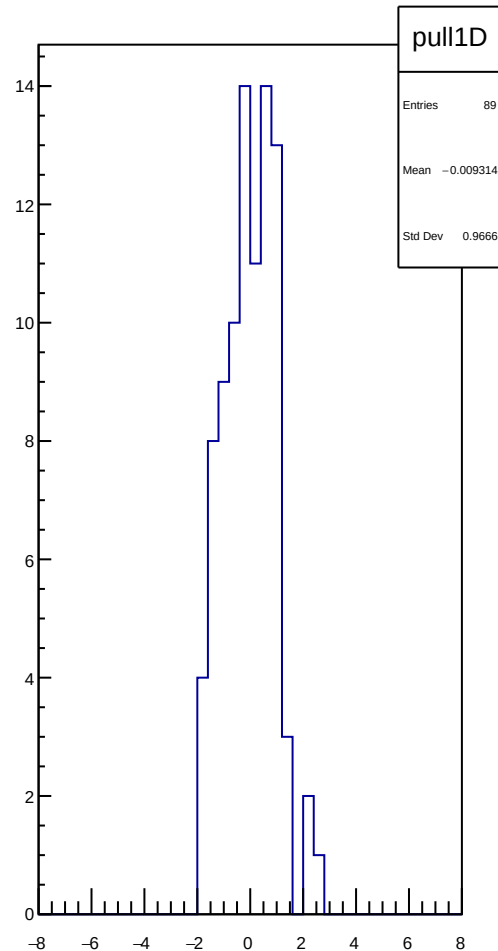
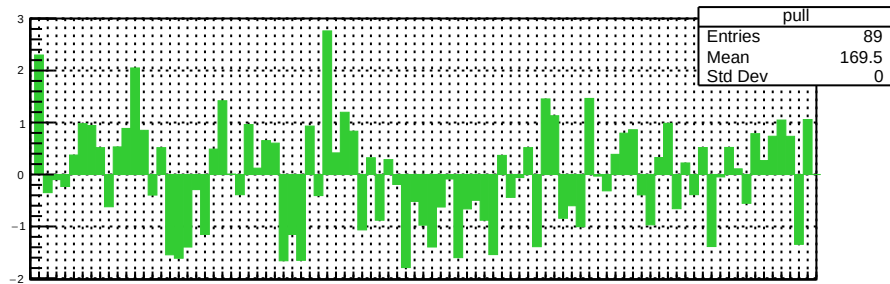
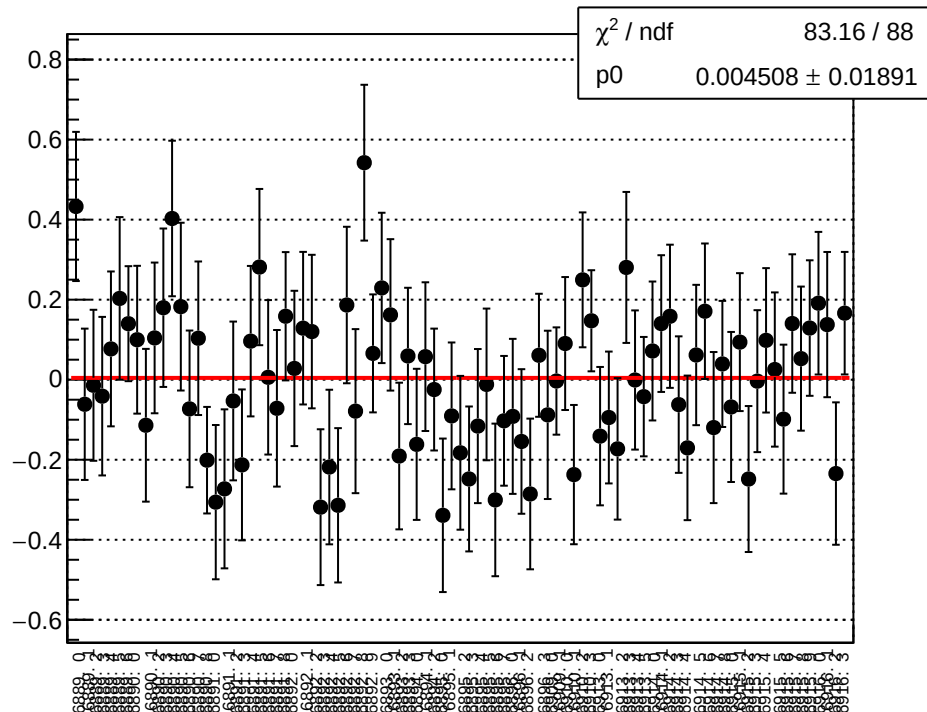
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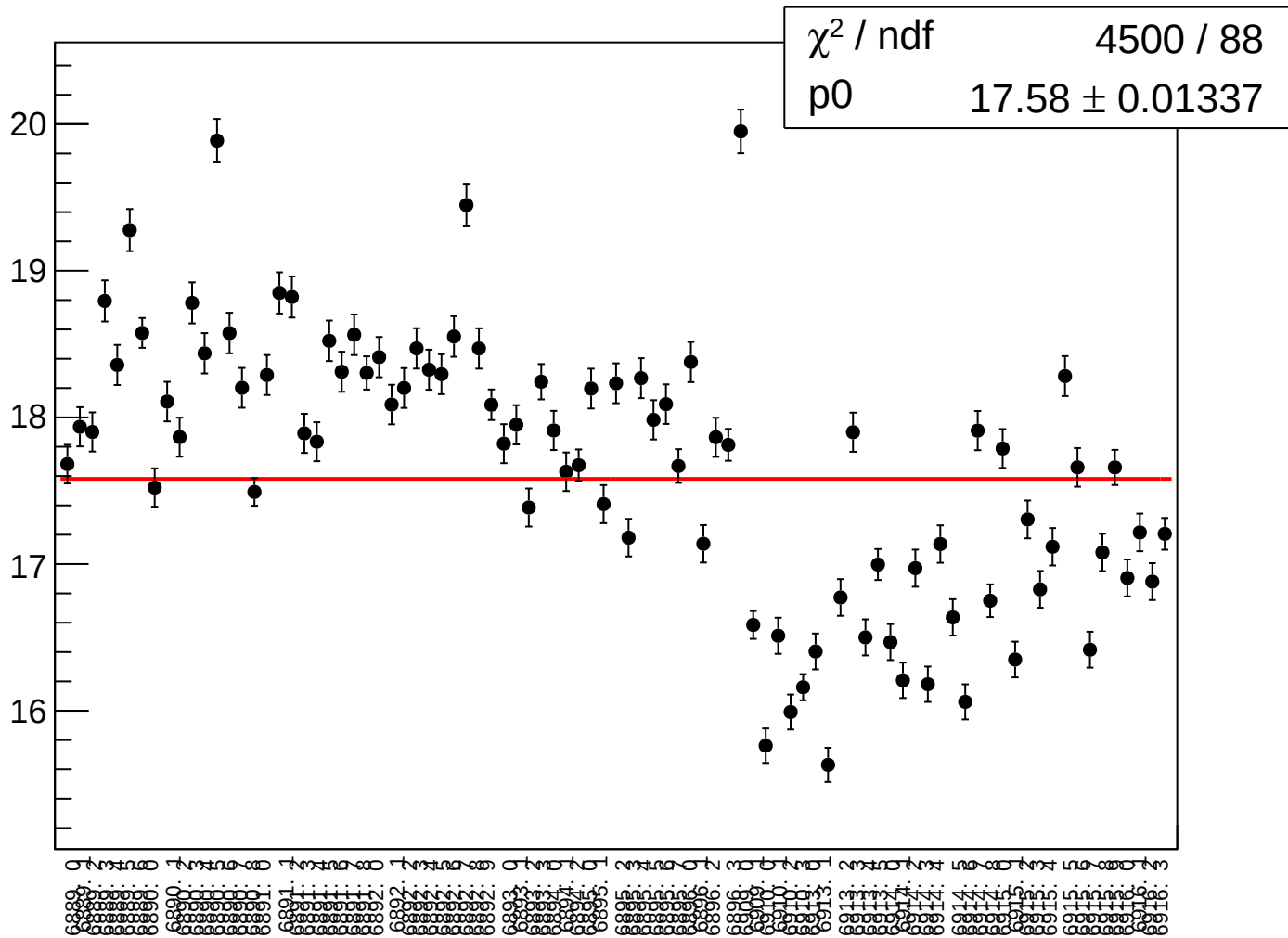
asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs run



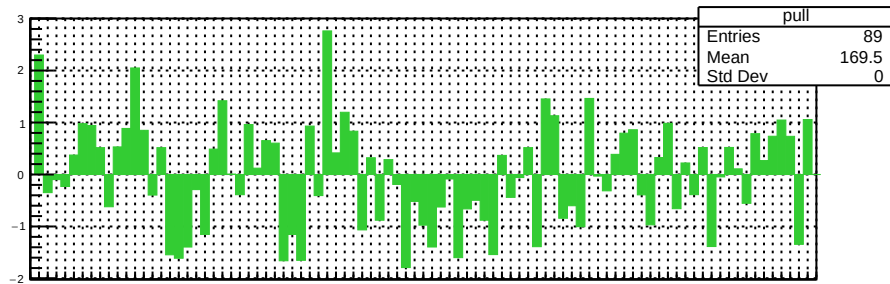
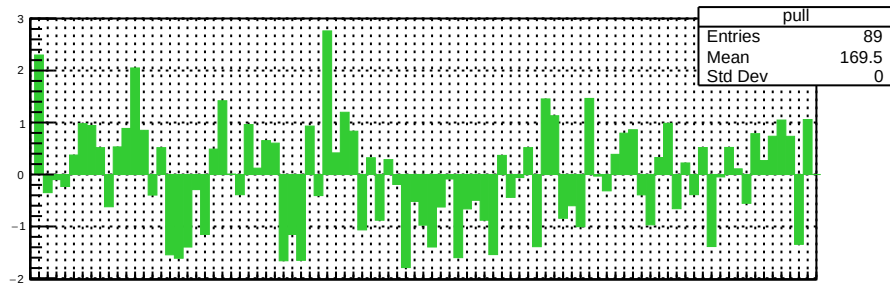
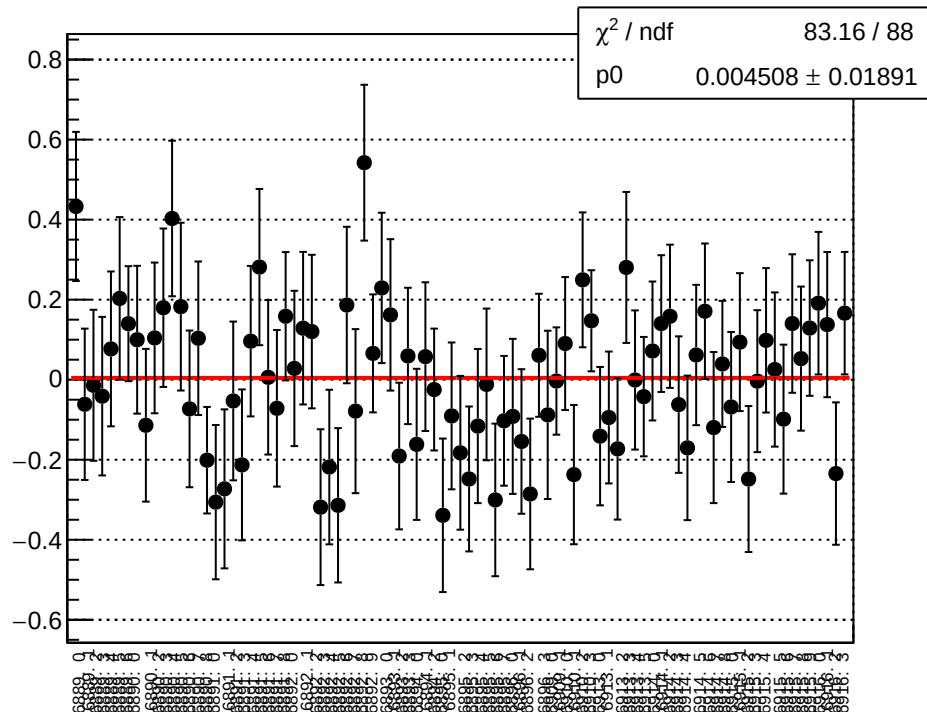
asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs run



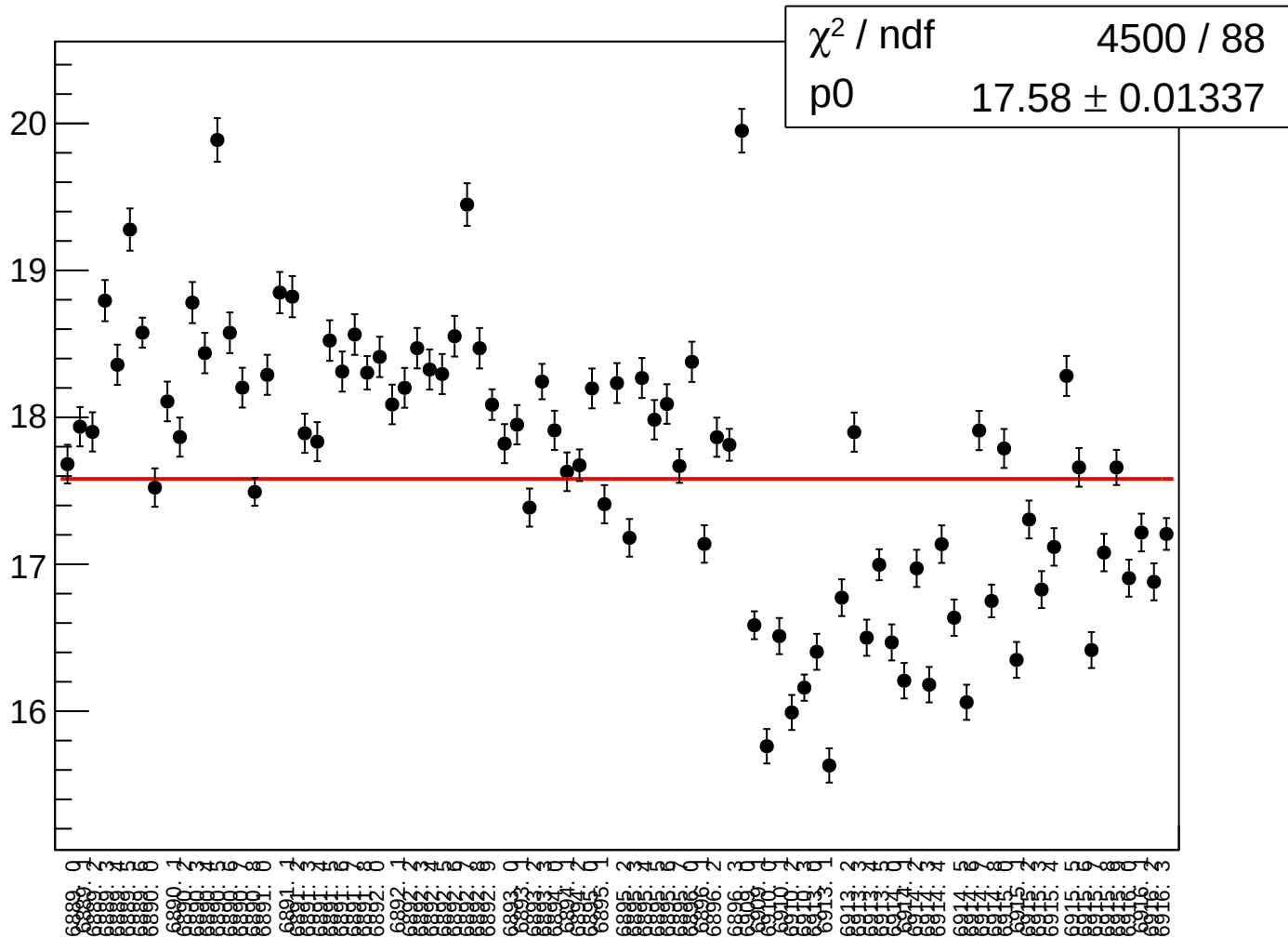
asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs run



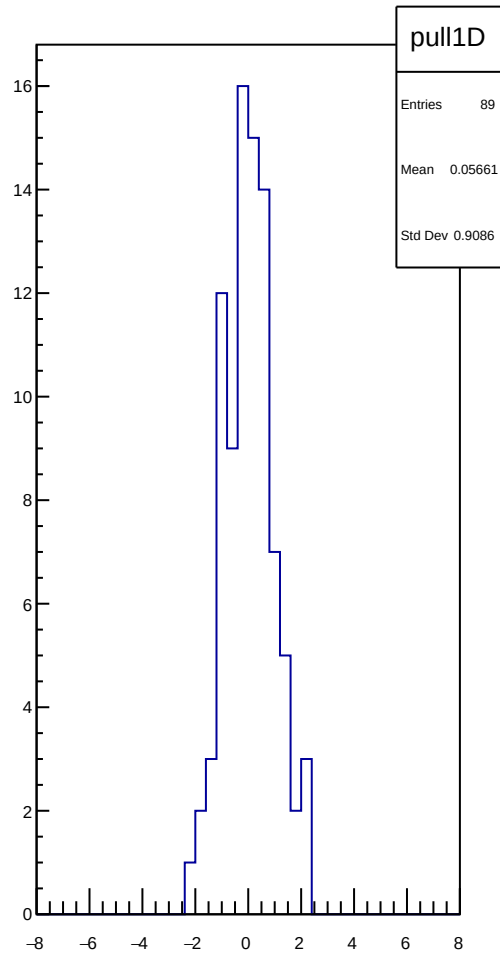
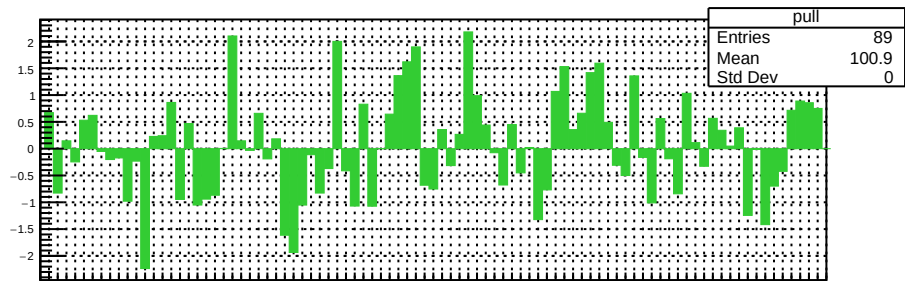
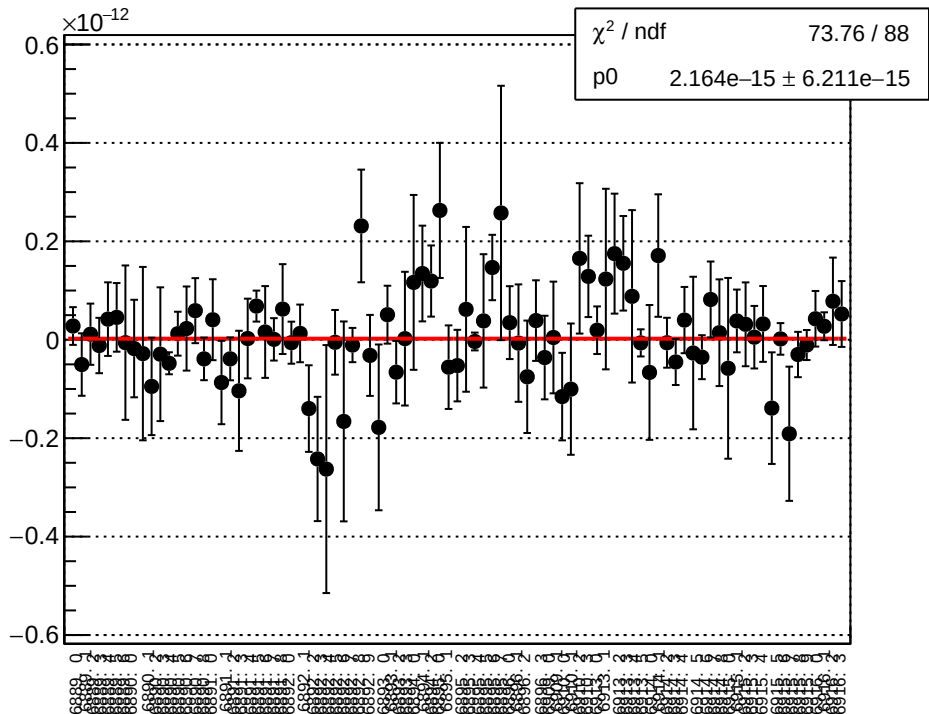
asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs run



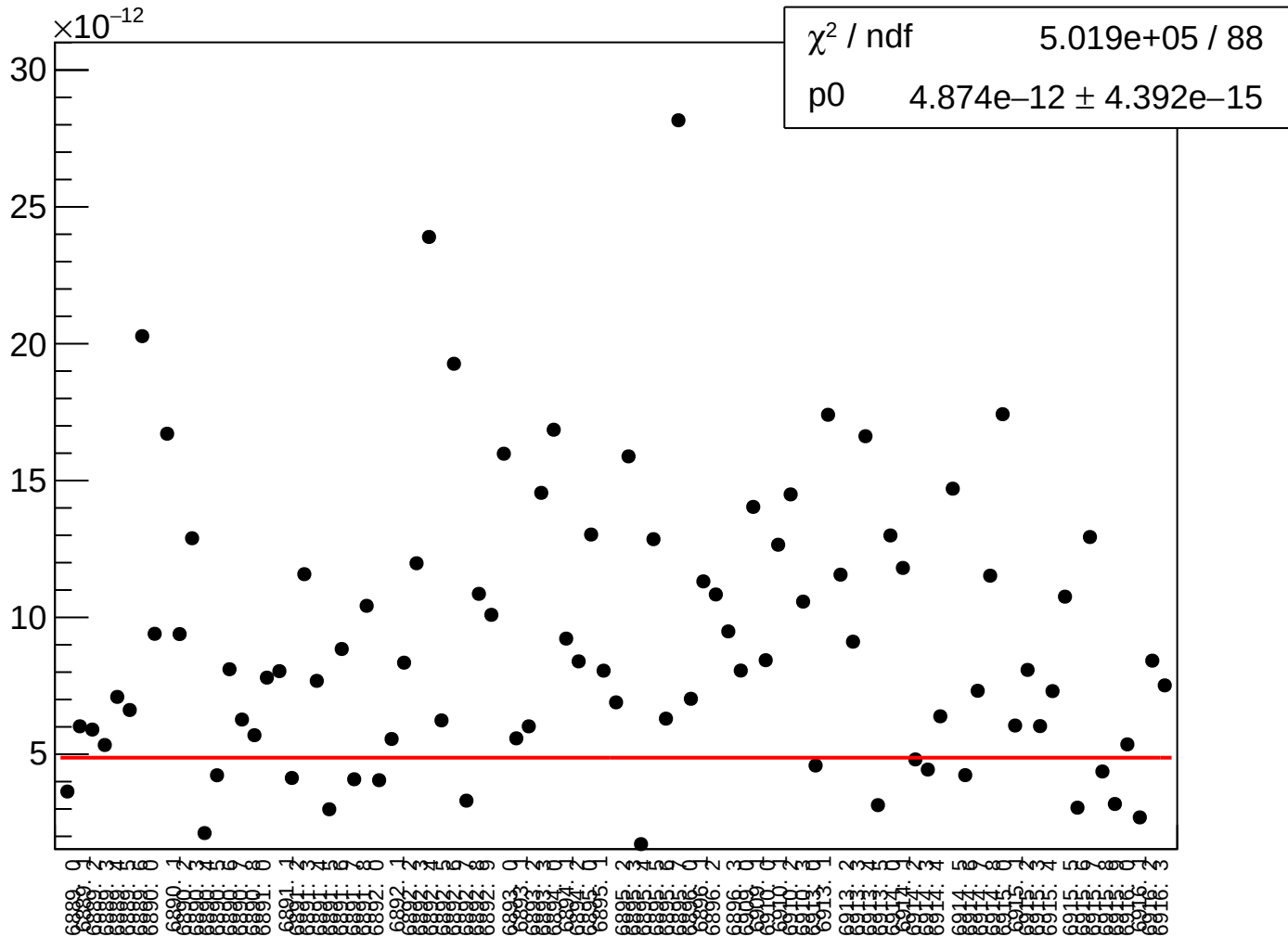
asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



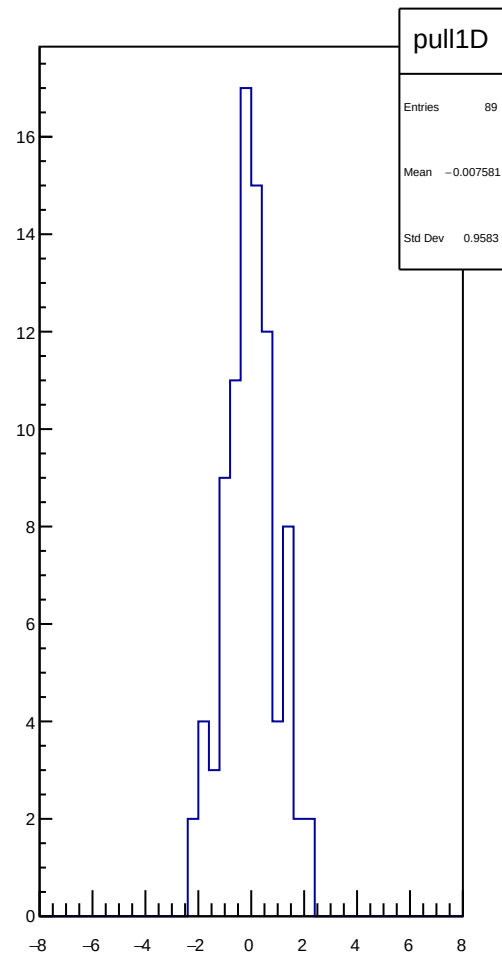
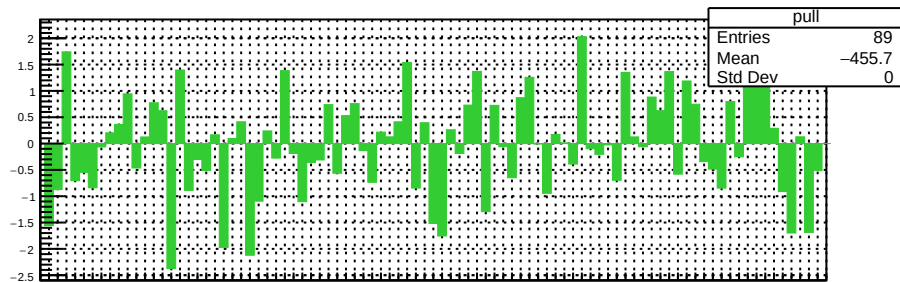
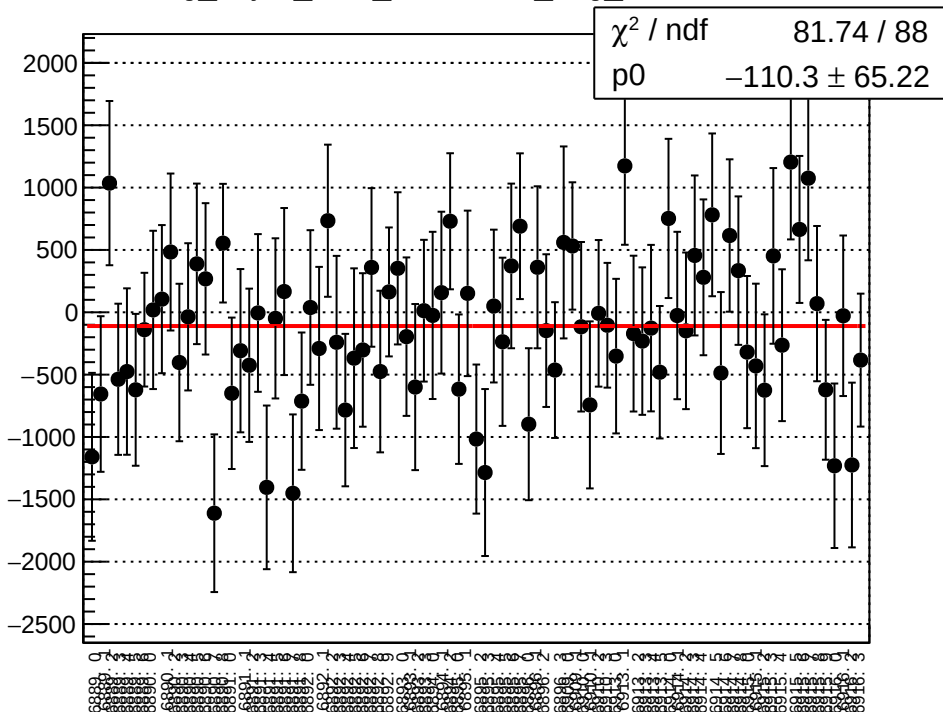
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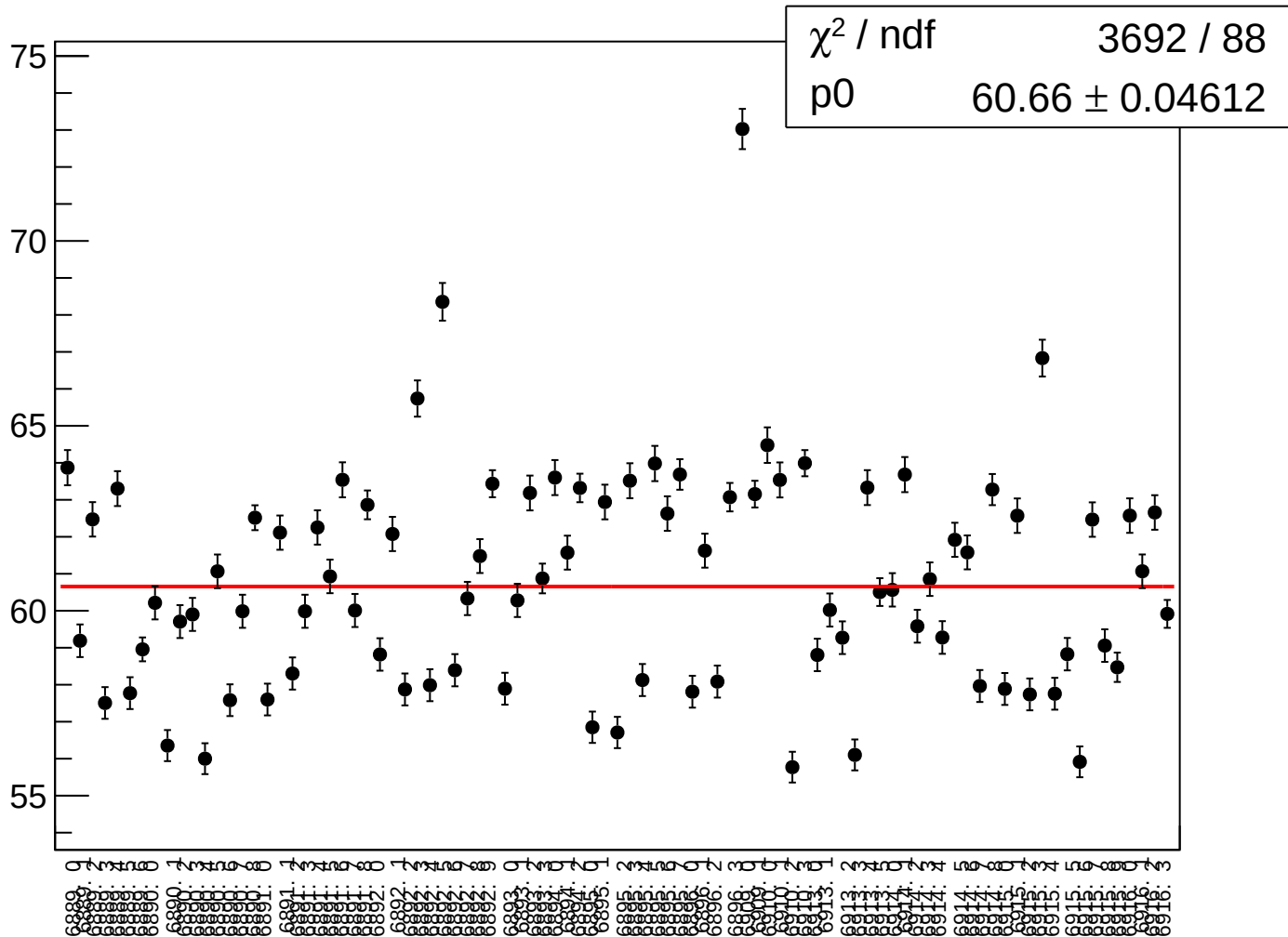
asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs run



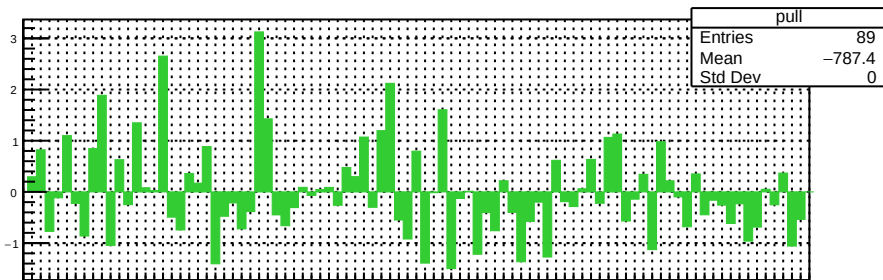
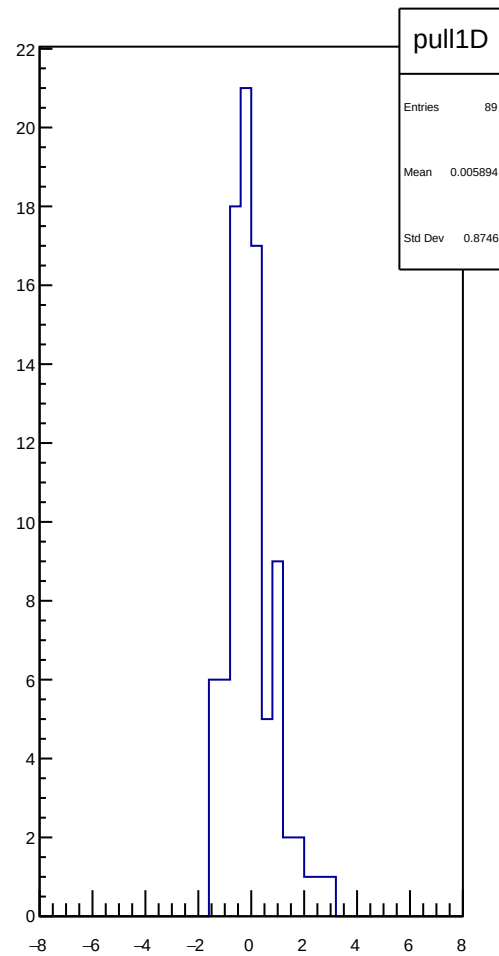
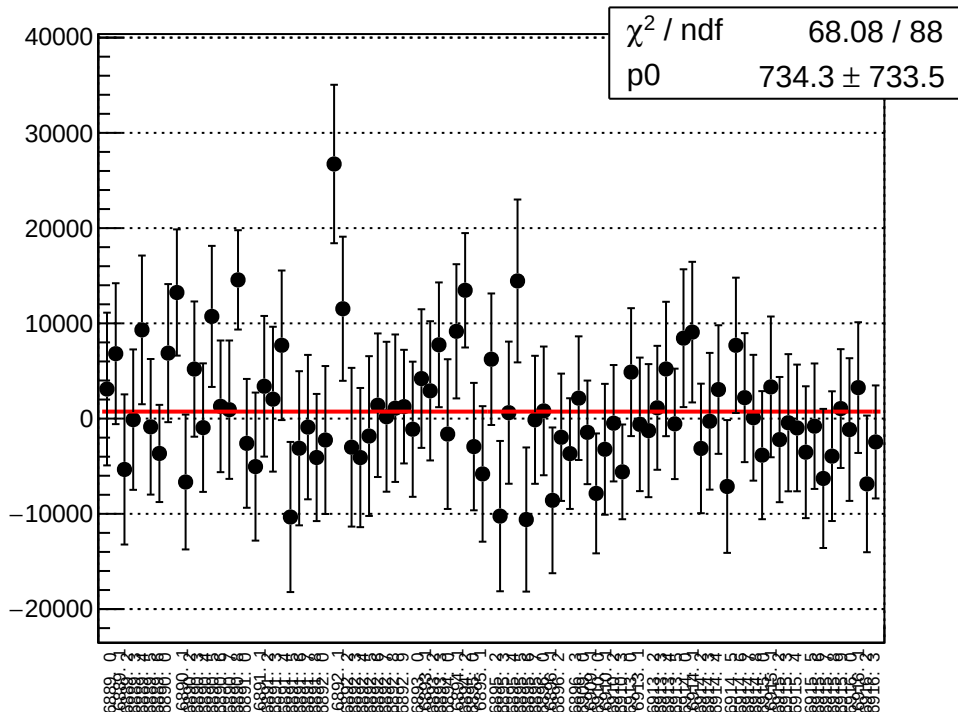
reg_asym_sam_12345678_avg_mean vs run



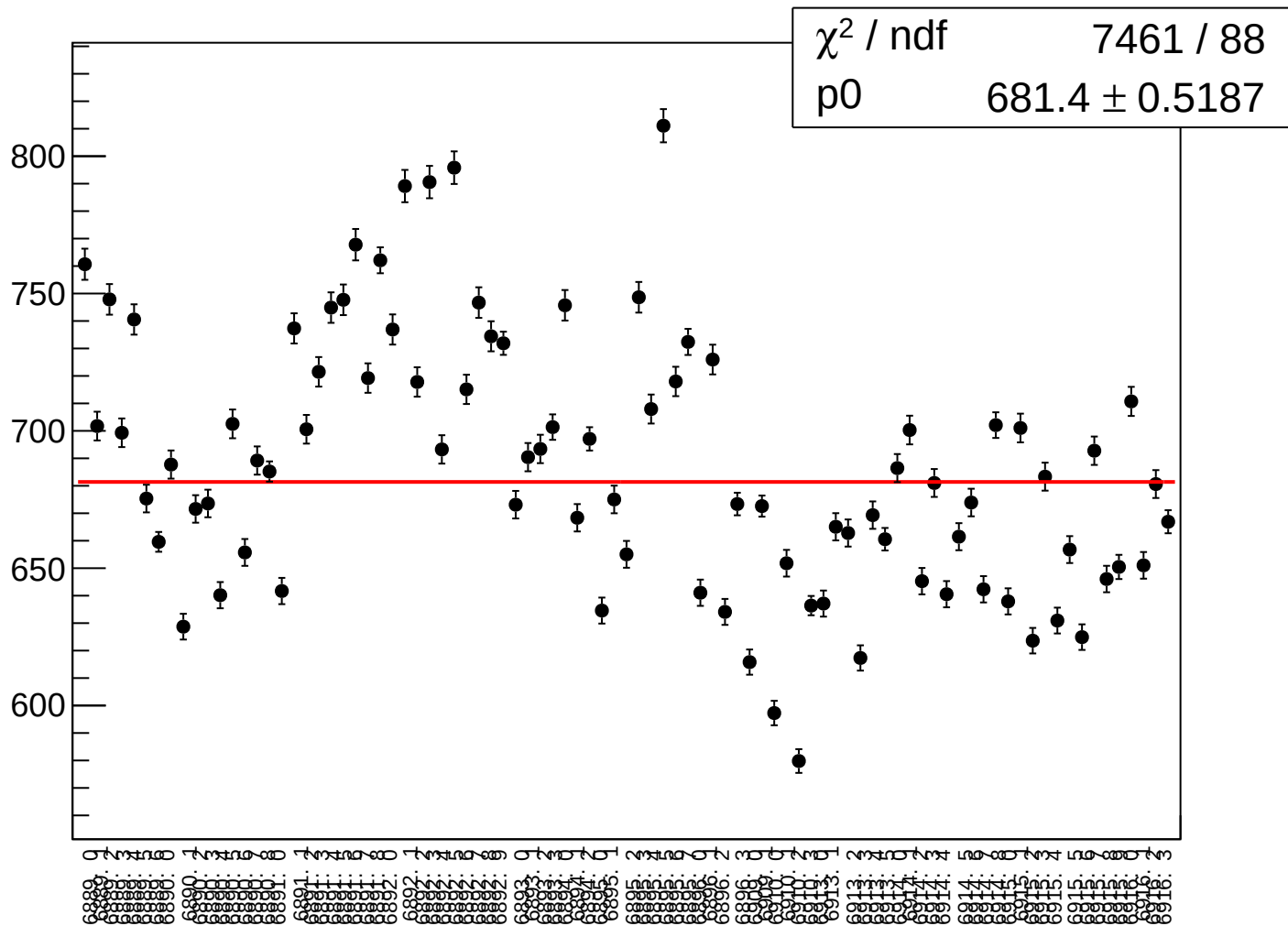
reg_asym_sam_12345678_avg_rms vs run



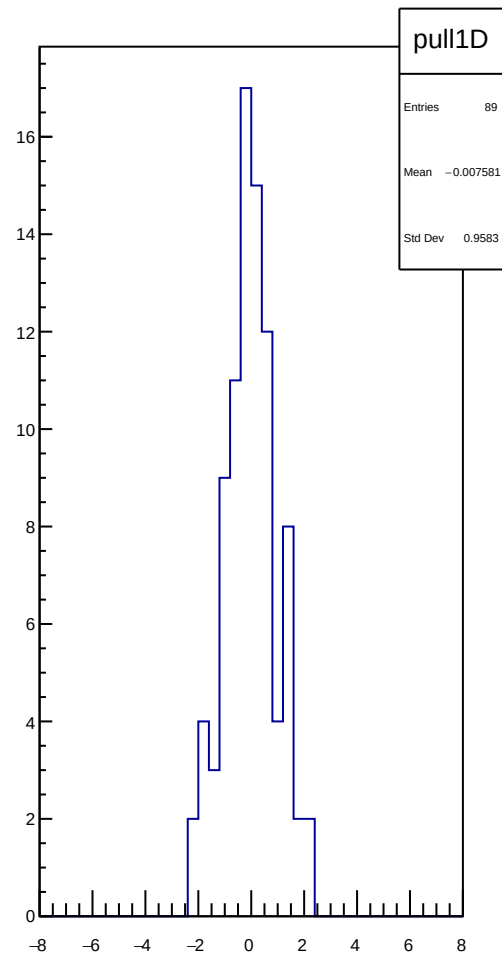
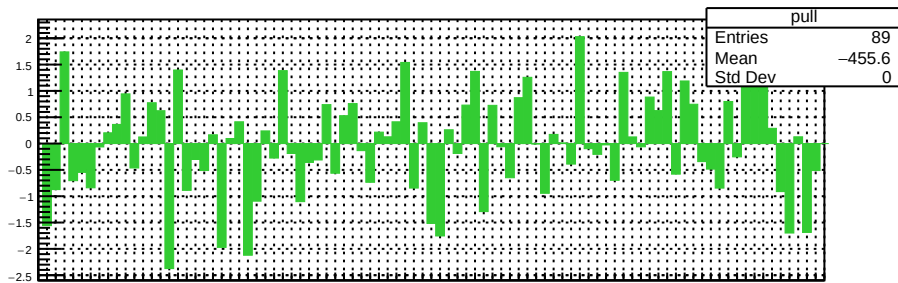
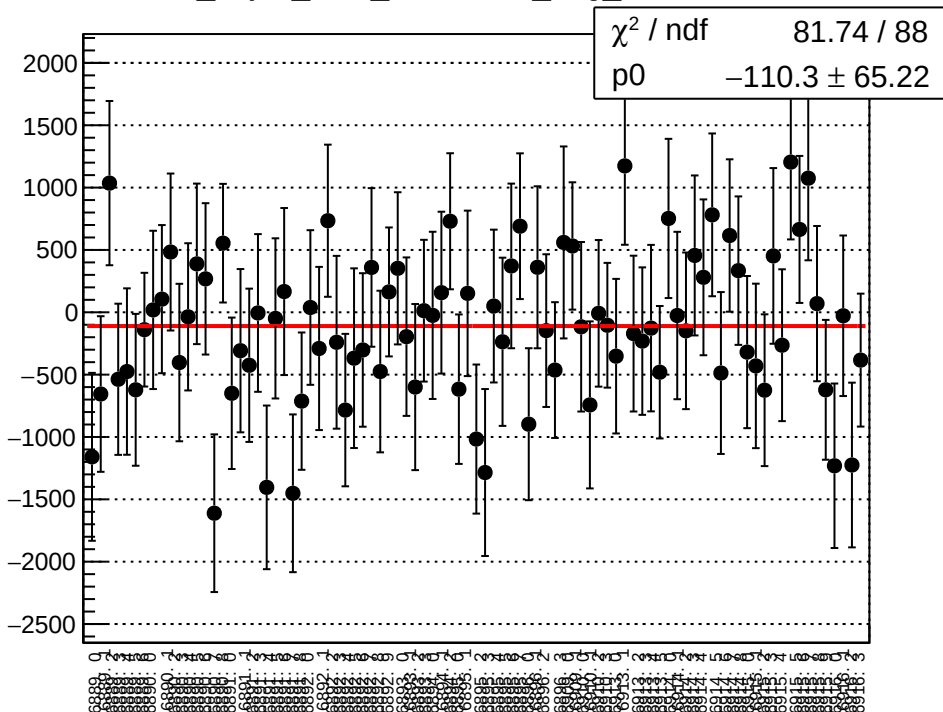
asym_sam_12345678_avg_reg_correction_mean vs run



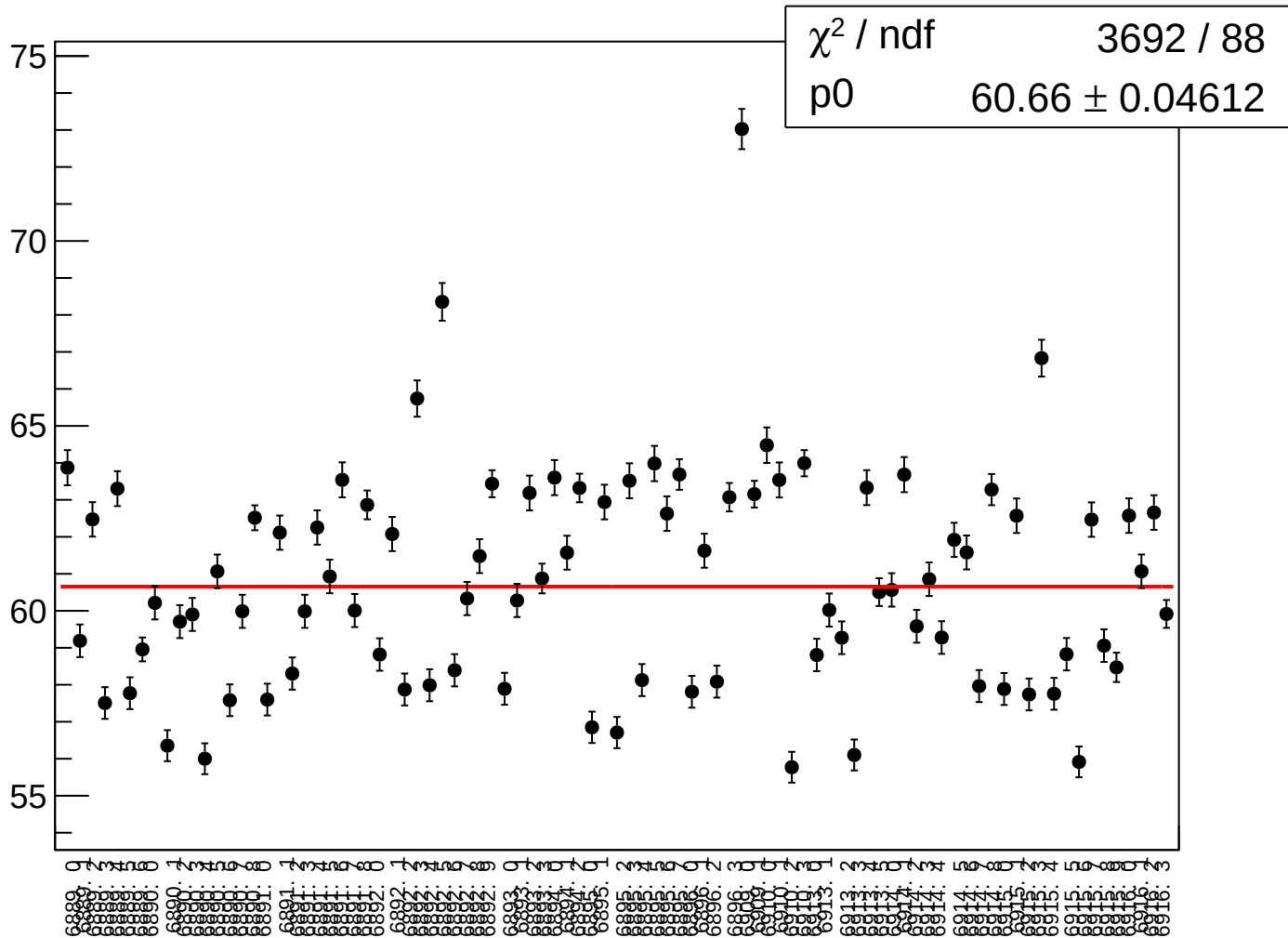
asym_sam_12345678_avg_reg_correction_rms vs run



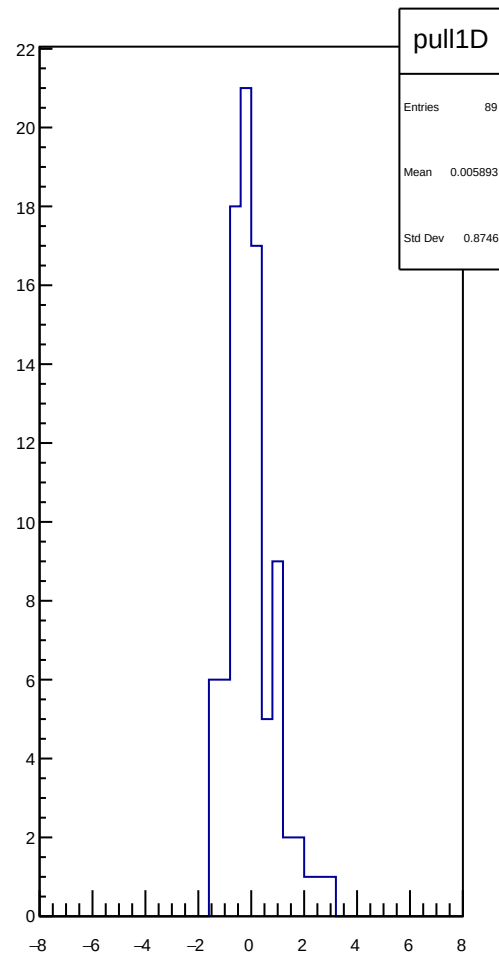
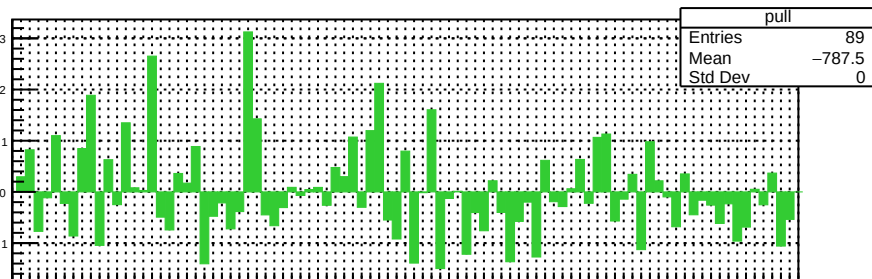
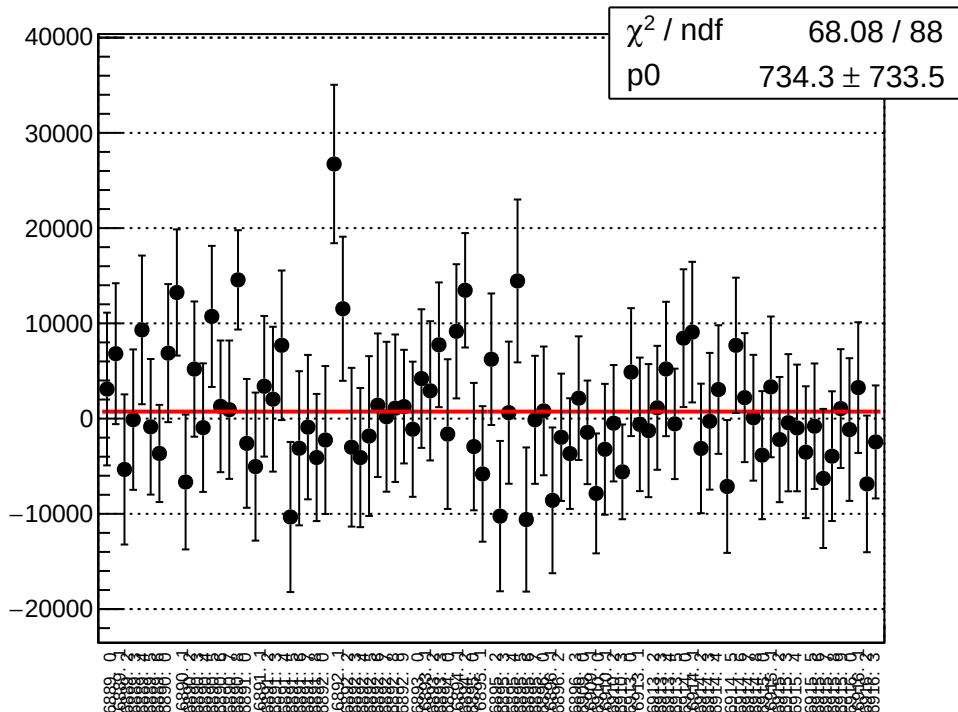
cor_asym_sam_12345678_avg_mean vs run



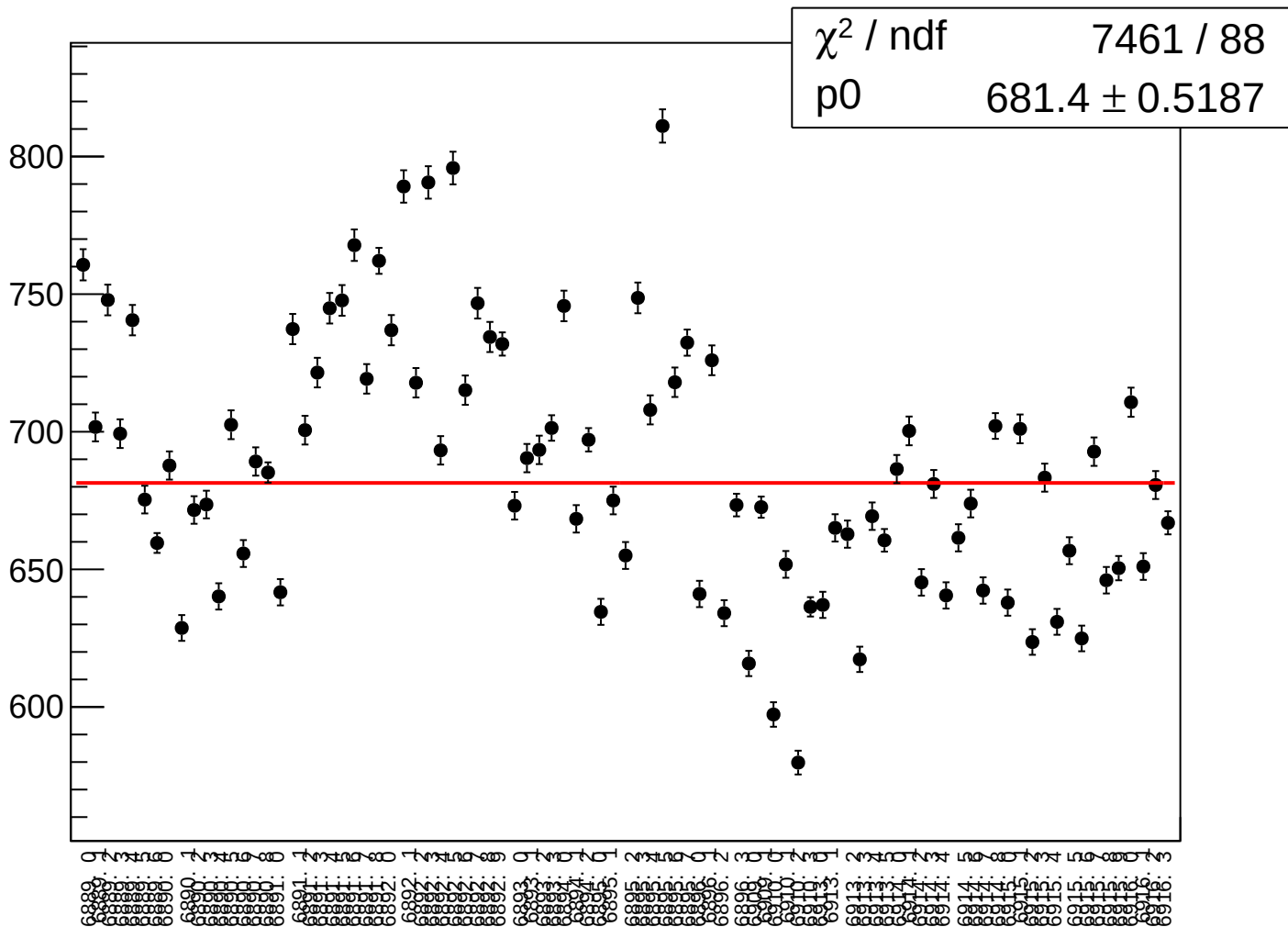
cor_asym_sam_12345678_avg_rms vs run



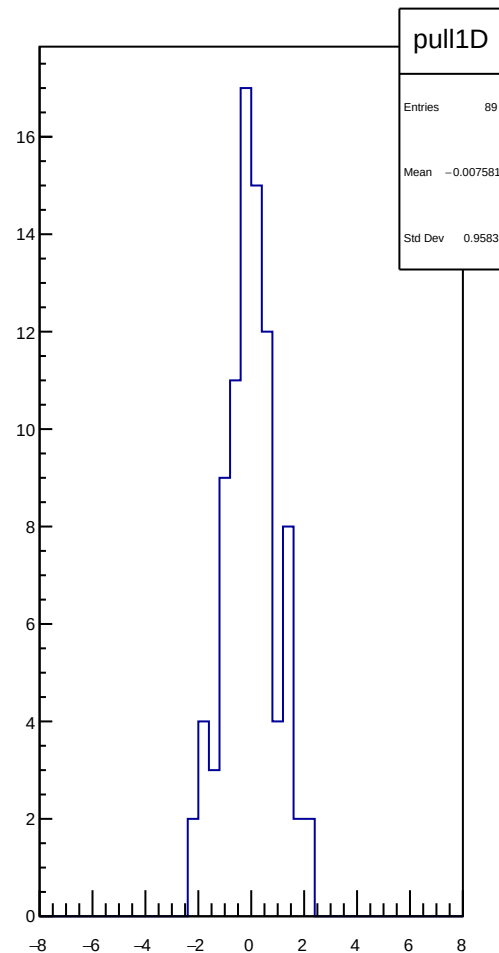
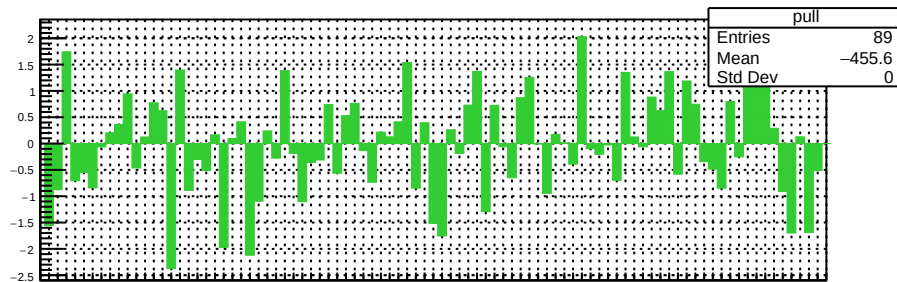
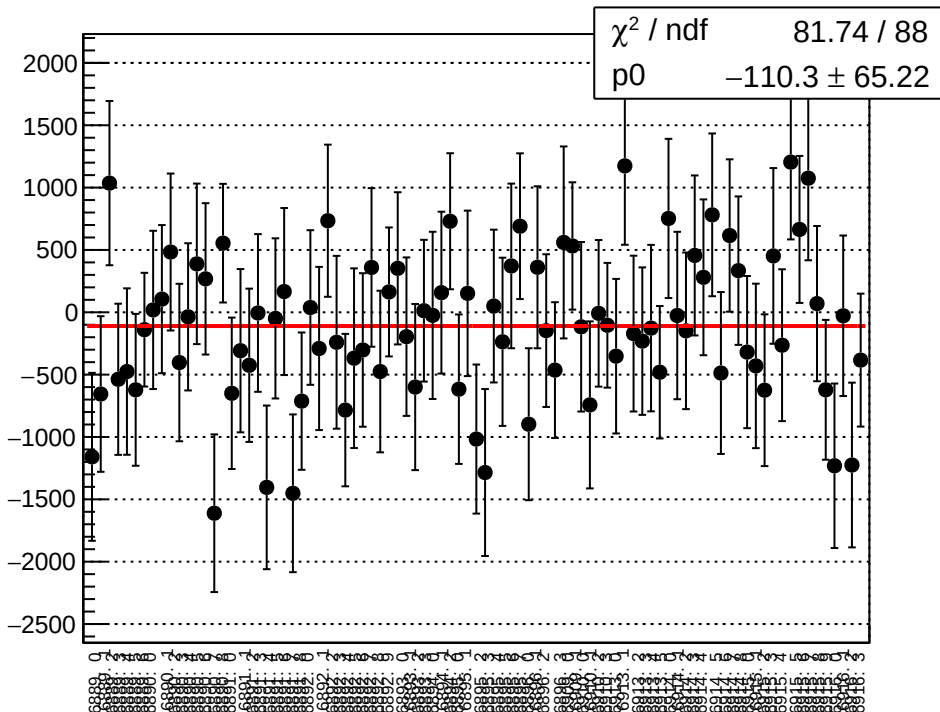
asym_sam_12345678_avg_cor_correction_mean vs run



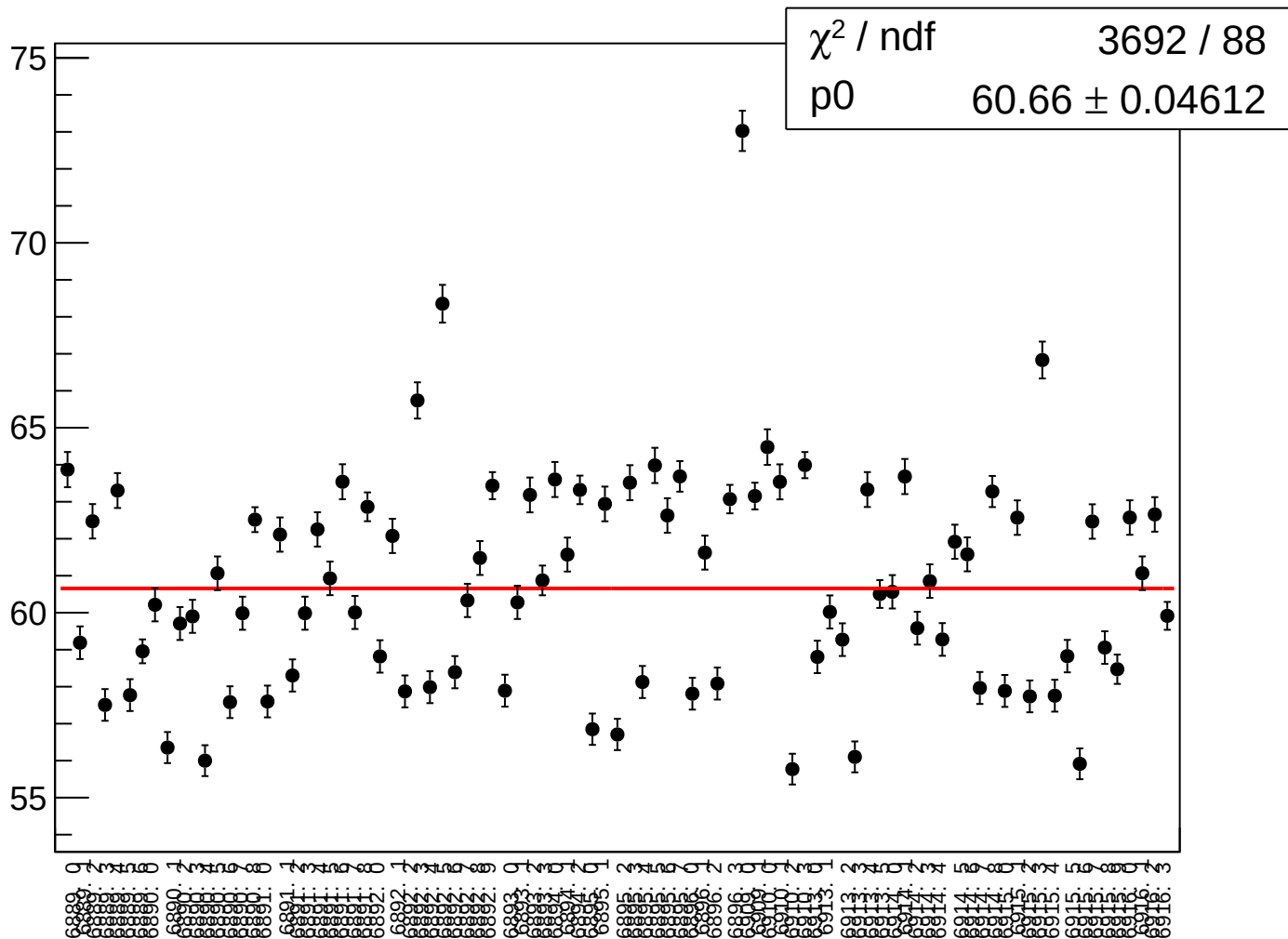
asym_sam_12345678_avg_cor_correction_rms vs run



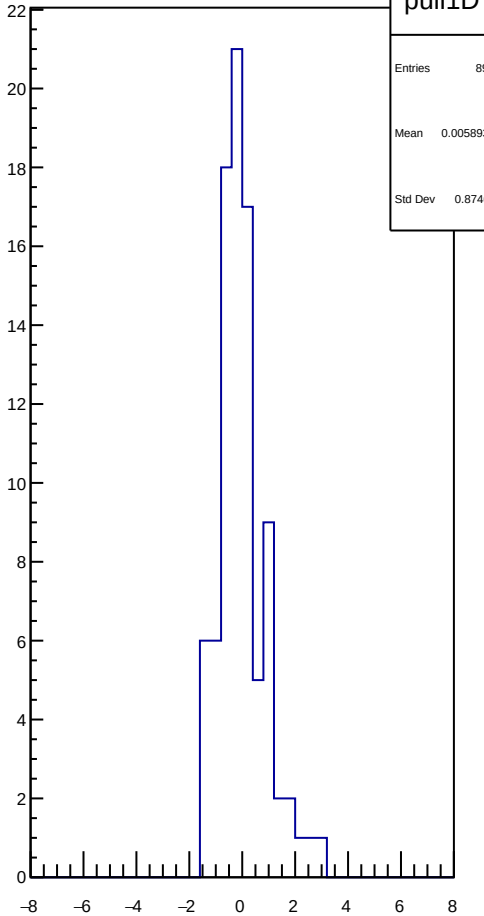
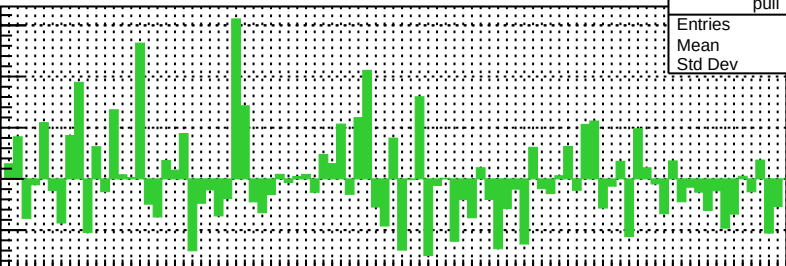
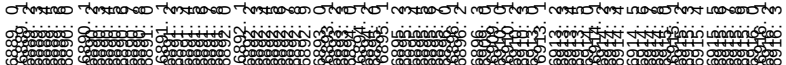
eigen_cor_asym_sam_12345678_avg_mean vs run



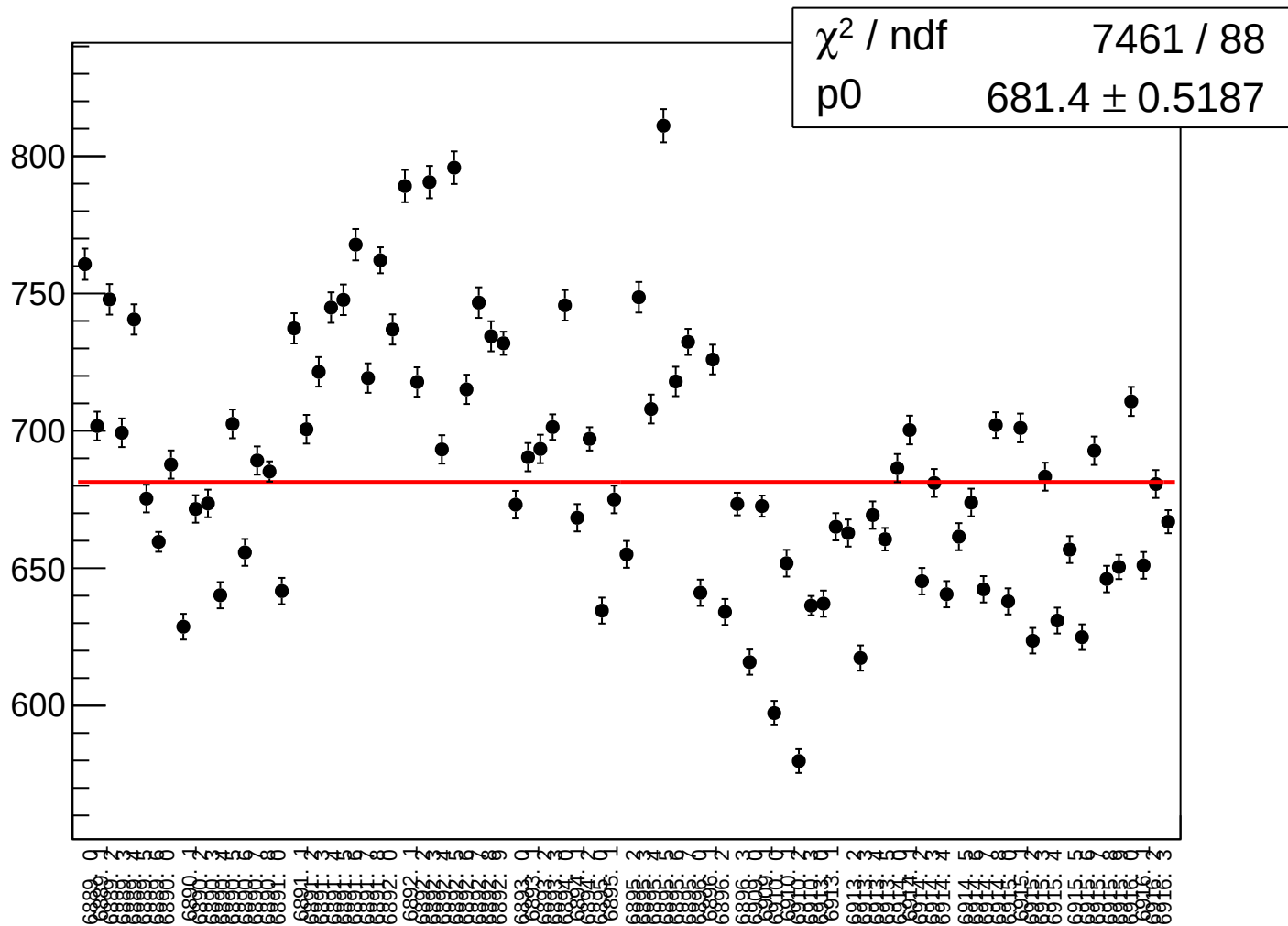
eigen_cor_asym_sam_12345678_avg_rms vs run



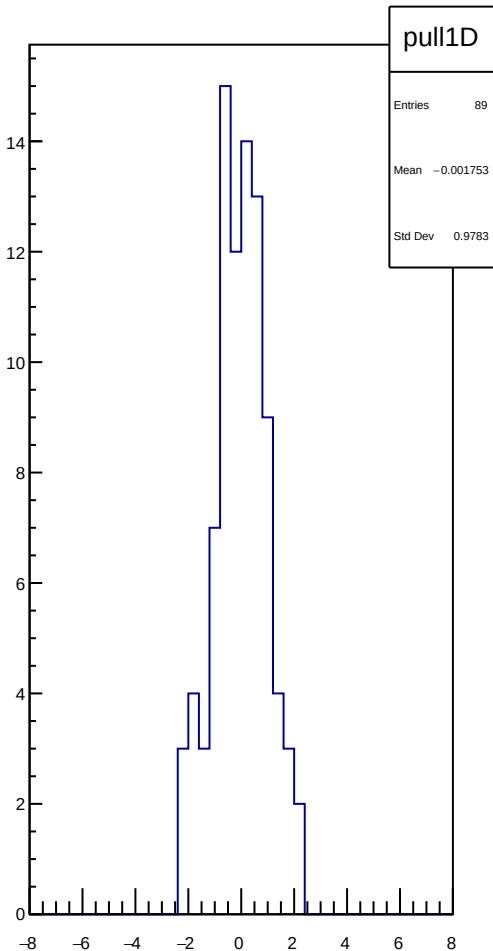
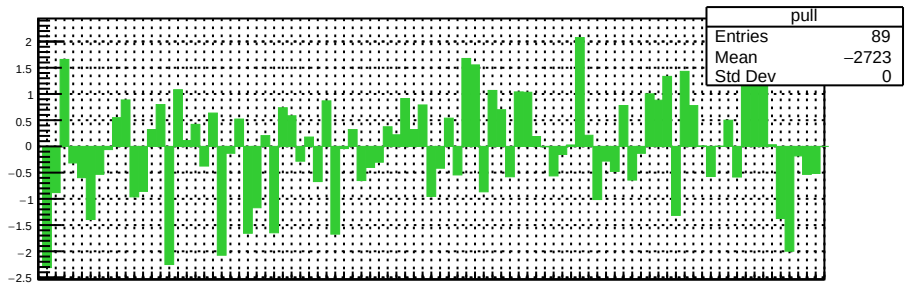
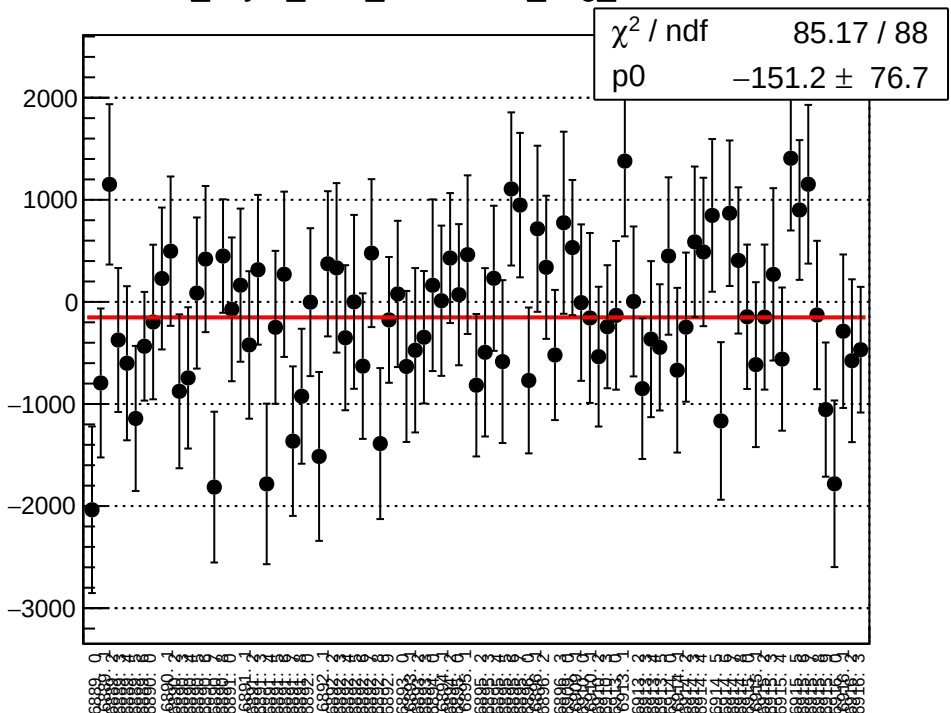
asym sam 12345678 avg_eigen cor_correction mean vs run



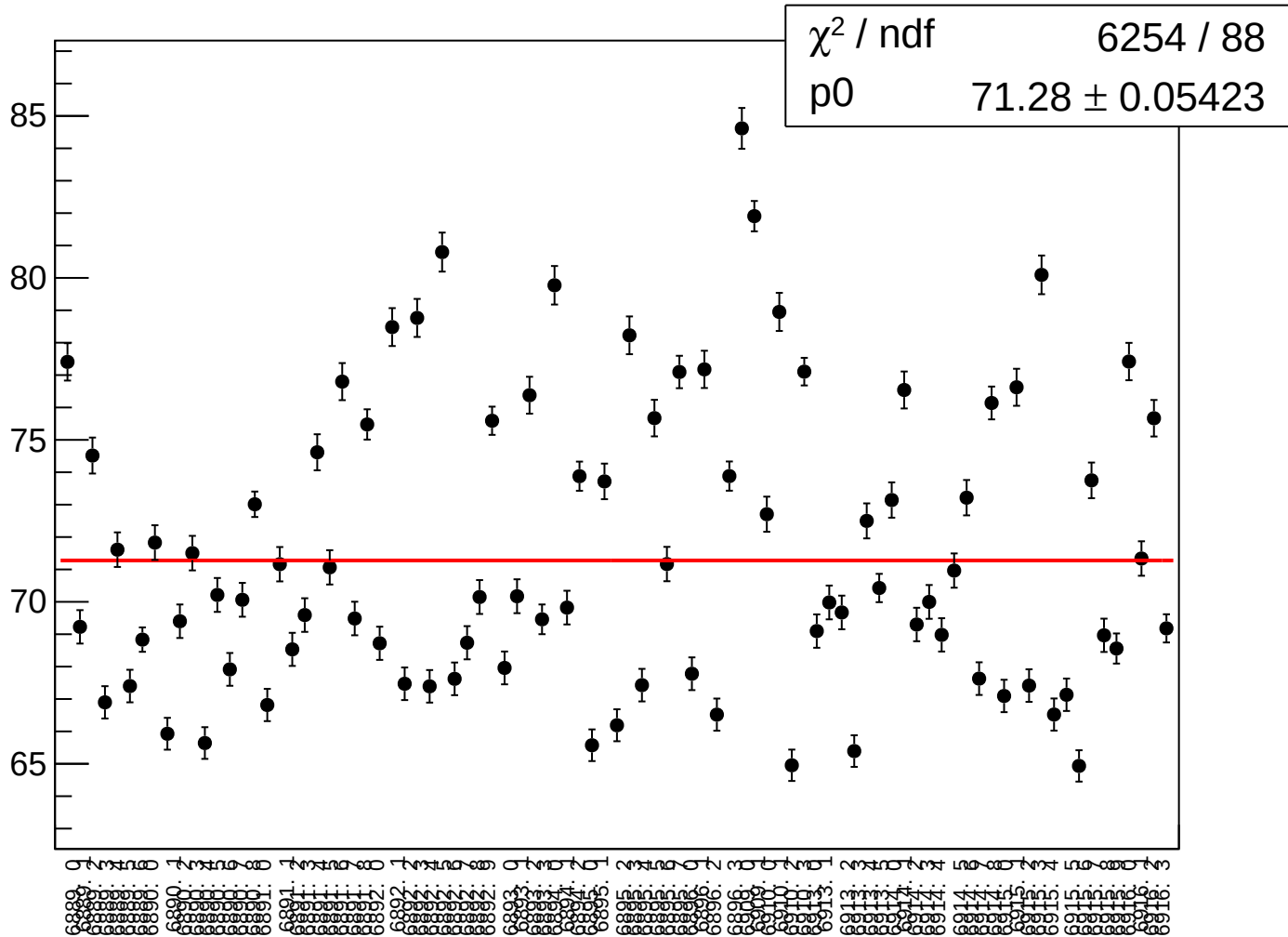
asym_sam_12345678_avg_eigen_cor_correction_rms vs run



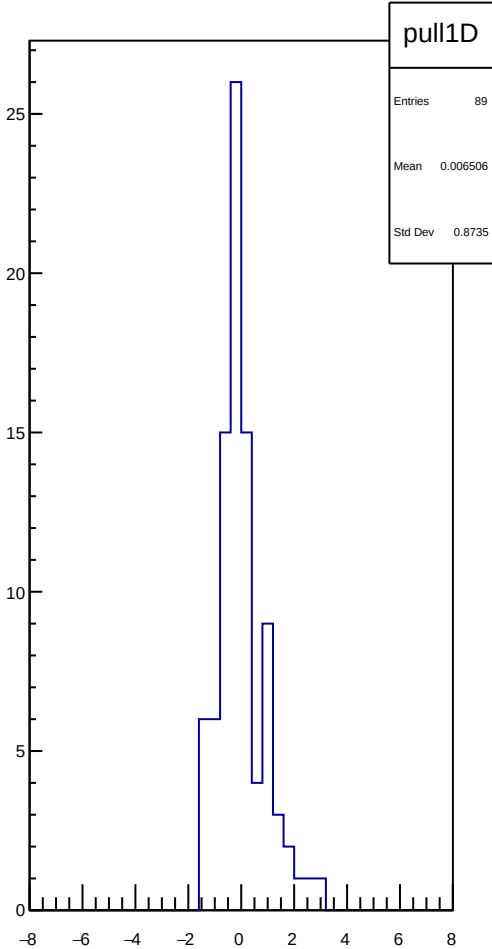
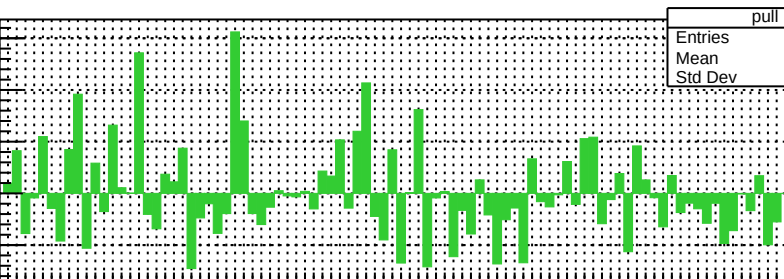
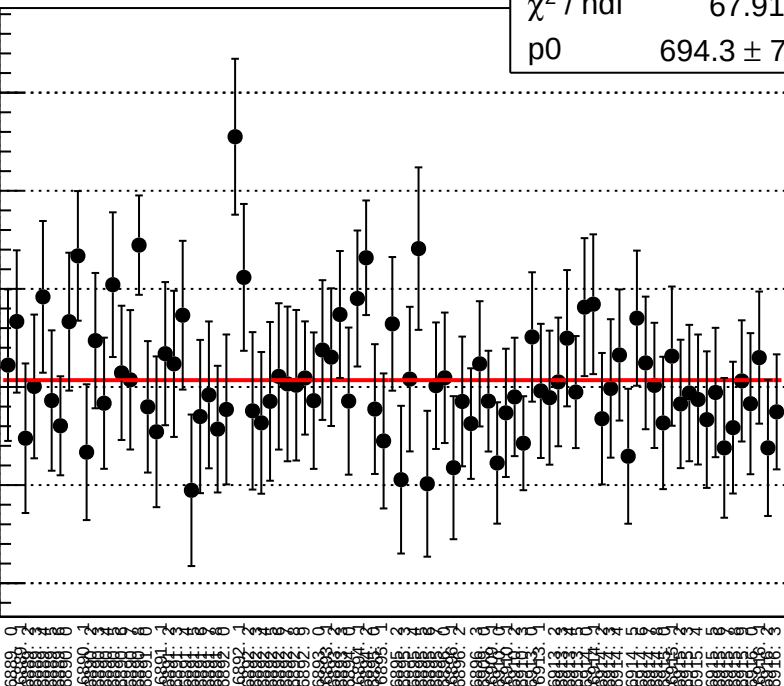
dit_asym_sam_12345678_avg_mean vs run



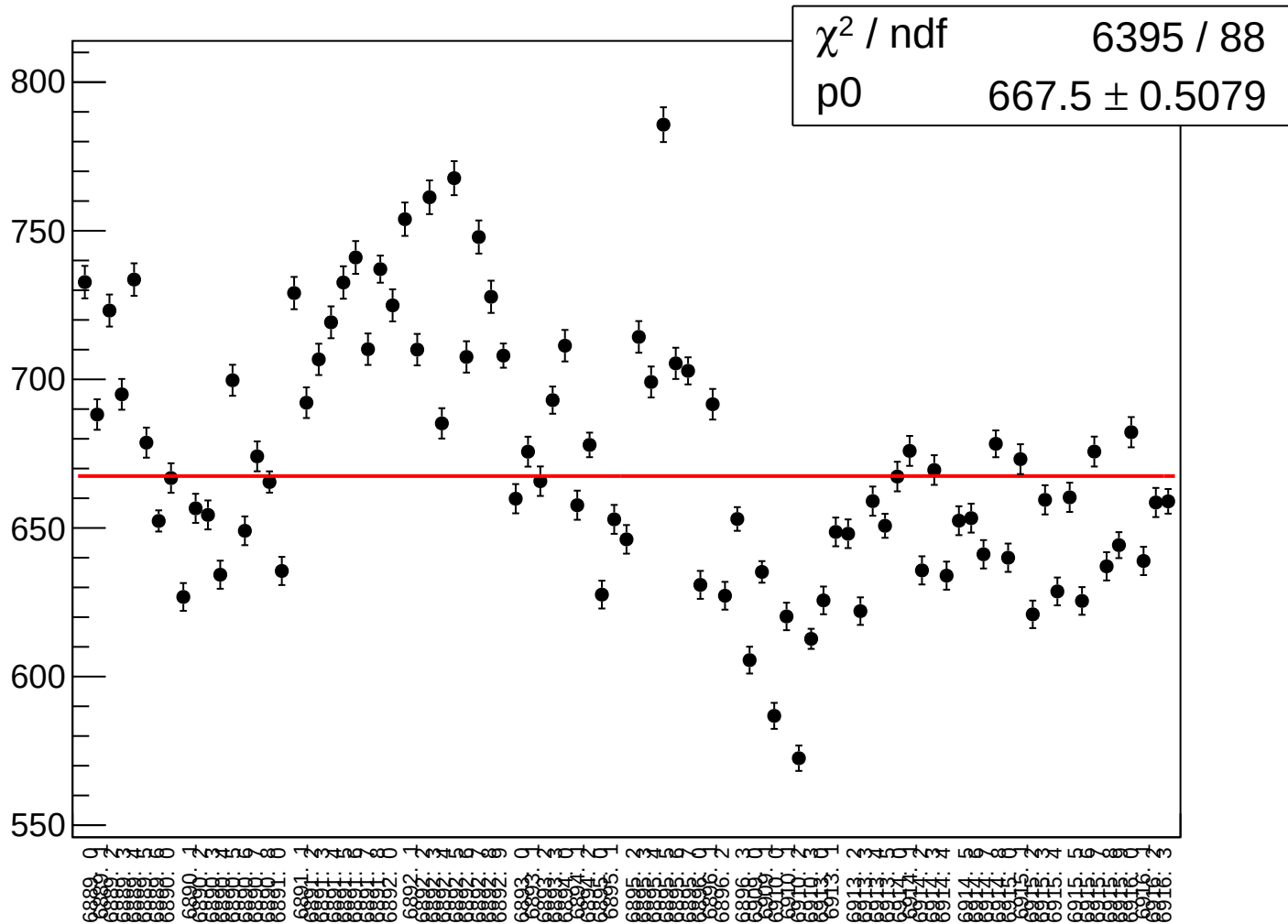
dit_asym_sam_12345678_avg_rms vs run



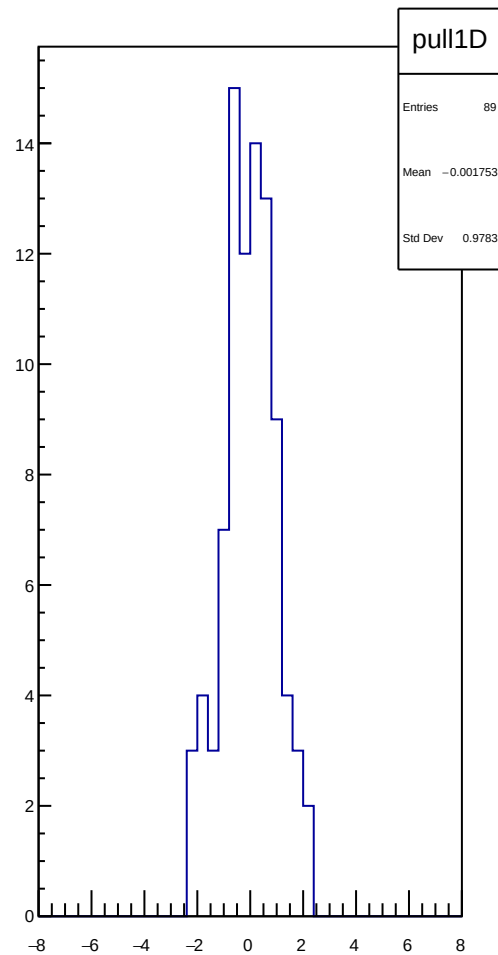
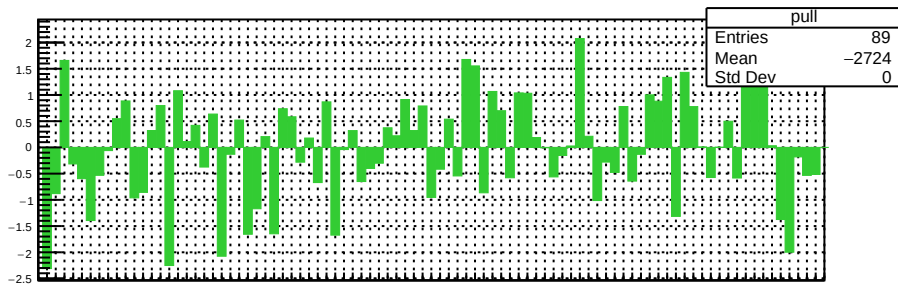
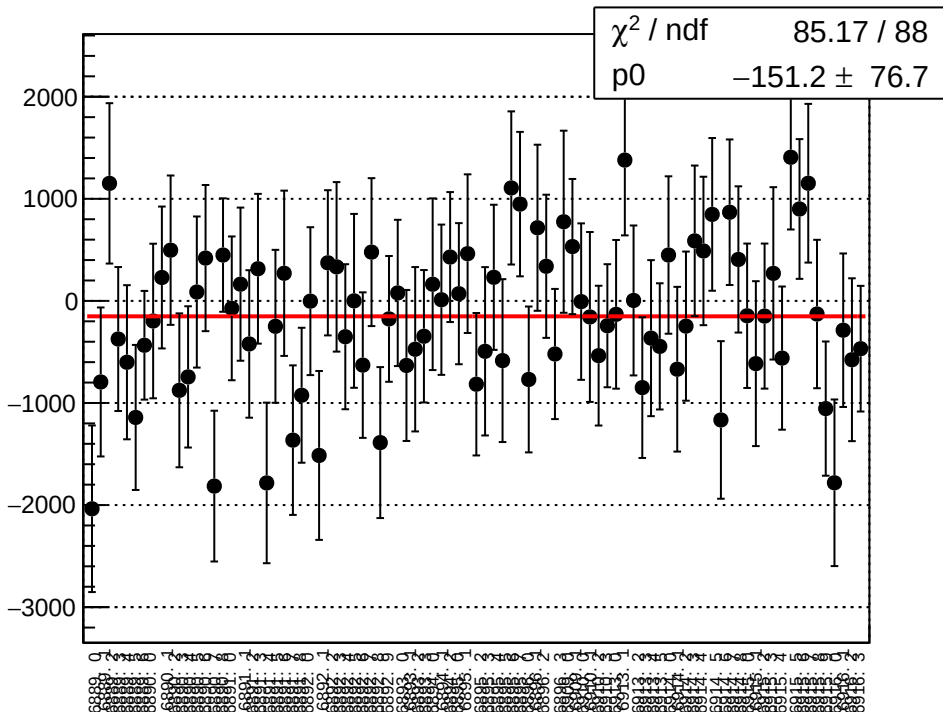
asym sam 12345678 avg dit correction mean vs run



asym_sam_12345678_avg_dit_correction_rms vs run

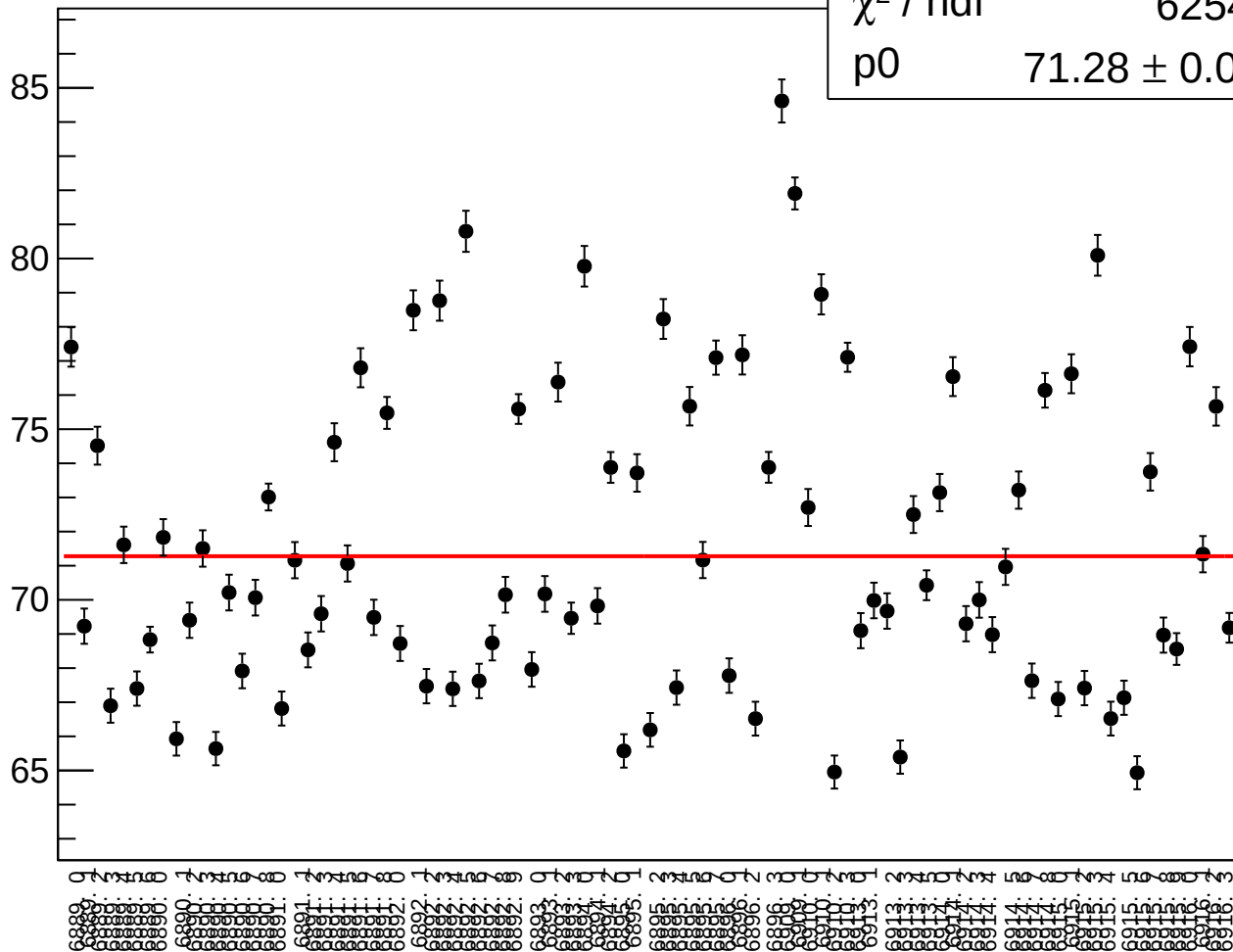


eigen_dit_asym_sam_12345678_avg_mean vs run

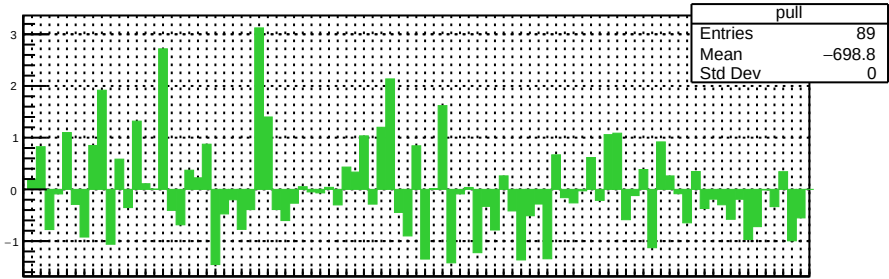
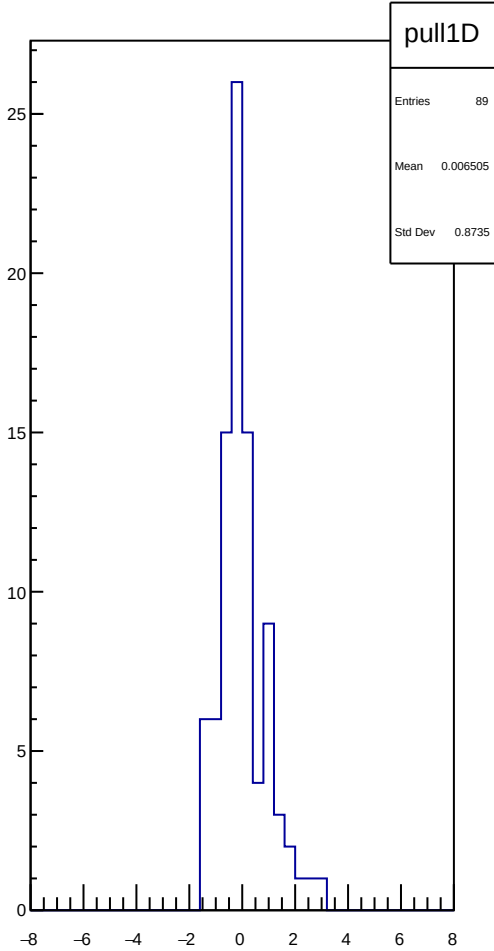
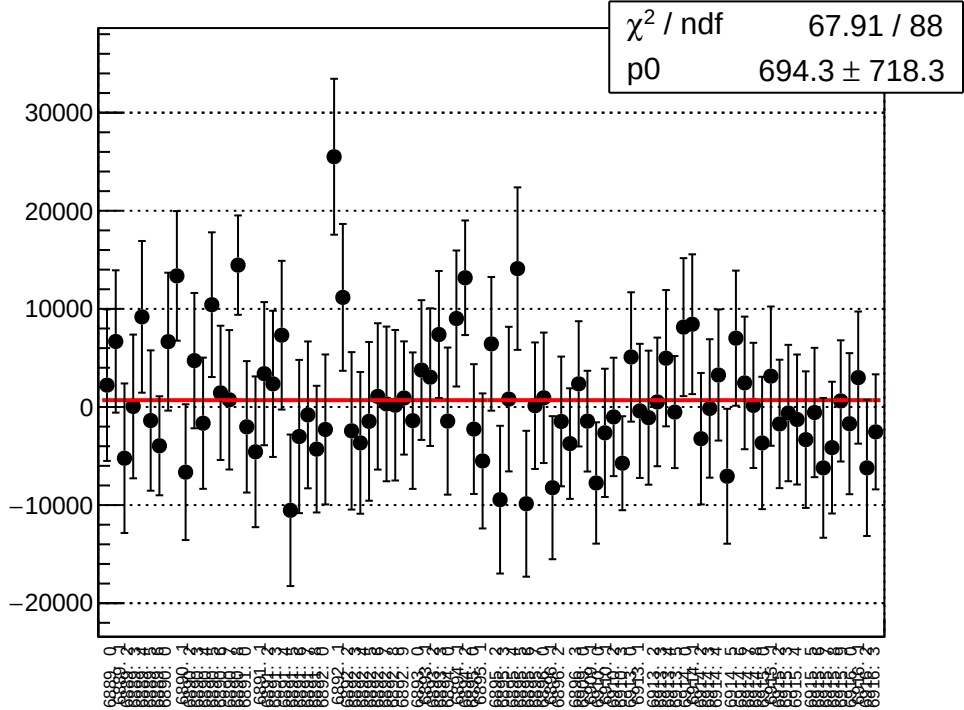


χ^2 / ndf

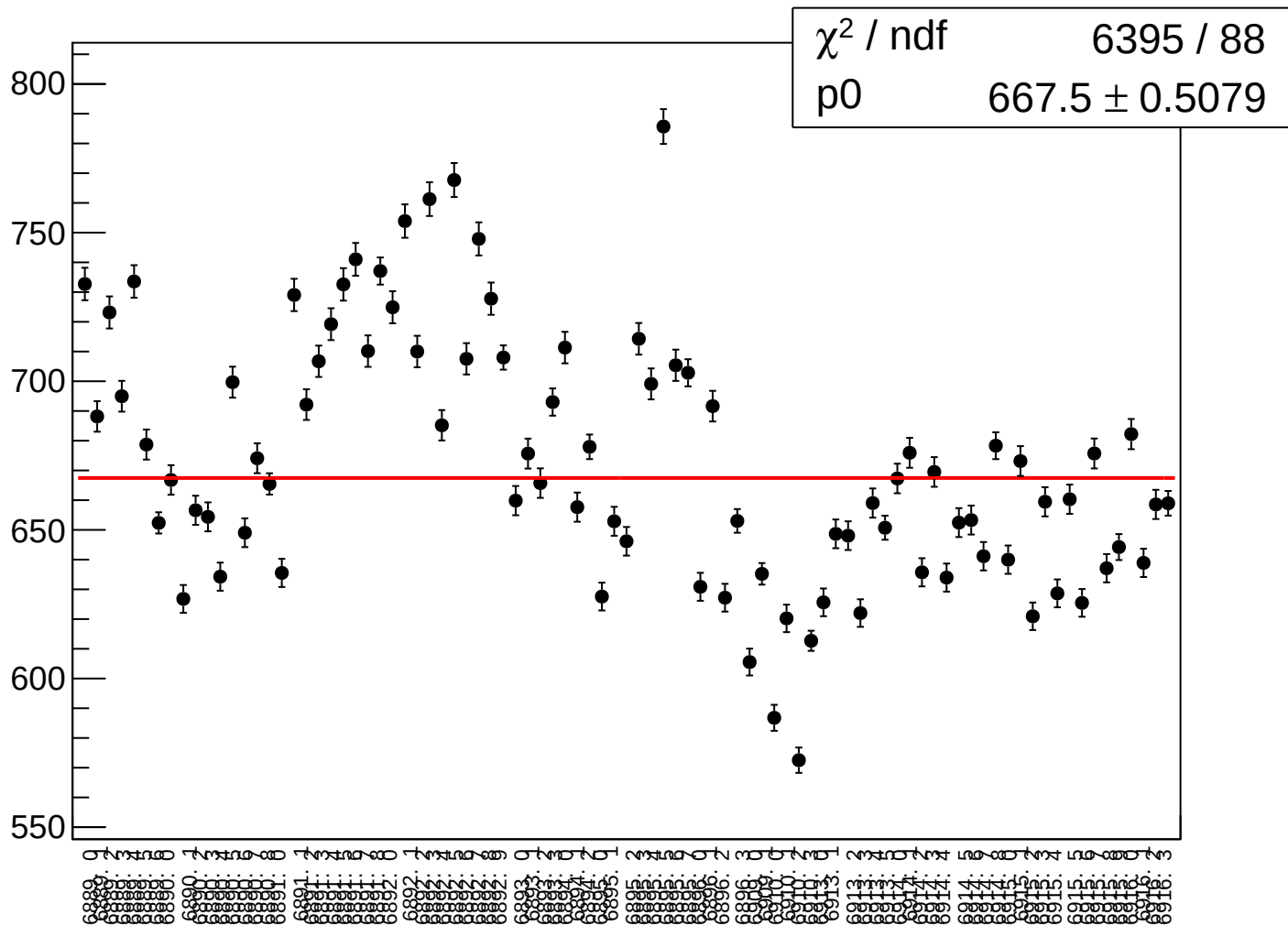
p0

$$71.28 \pm 0.05423$$


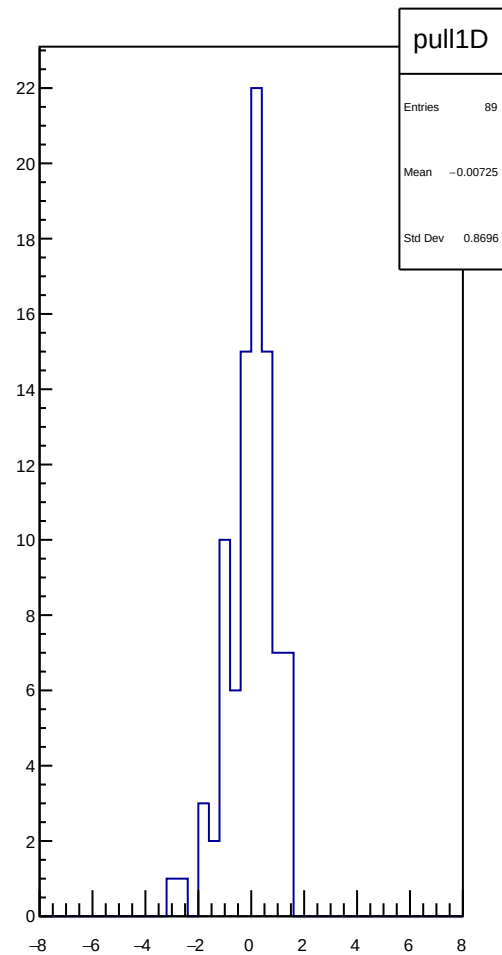
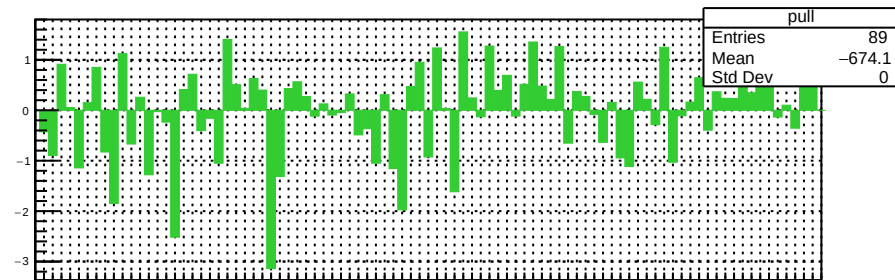
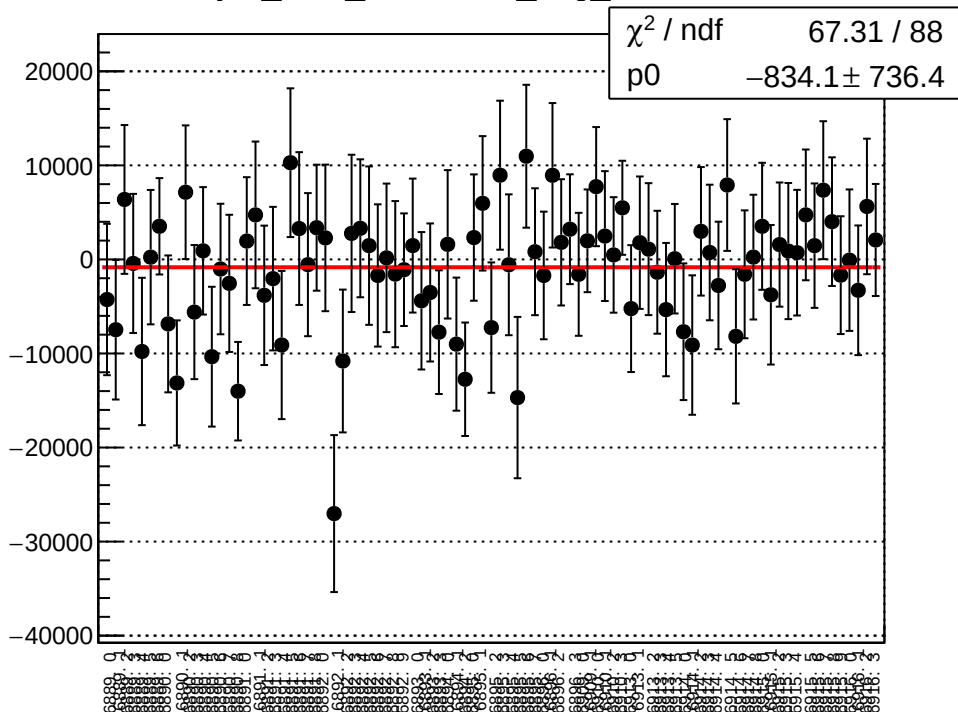
asym_sam_12345678_avg_eigen_dit_correction_mean vs run



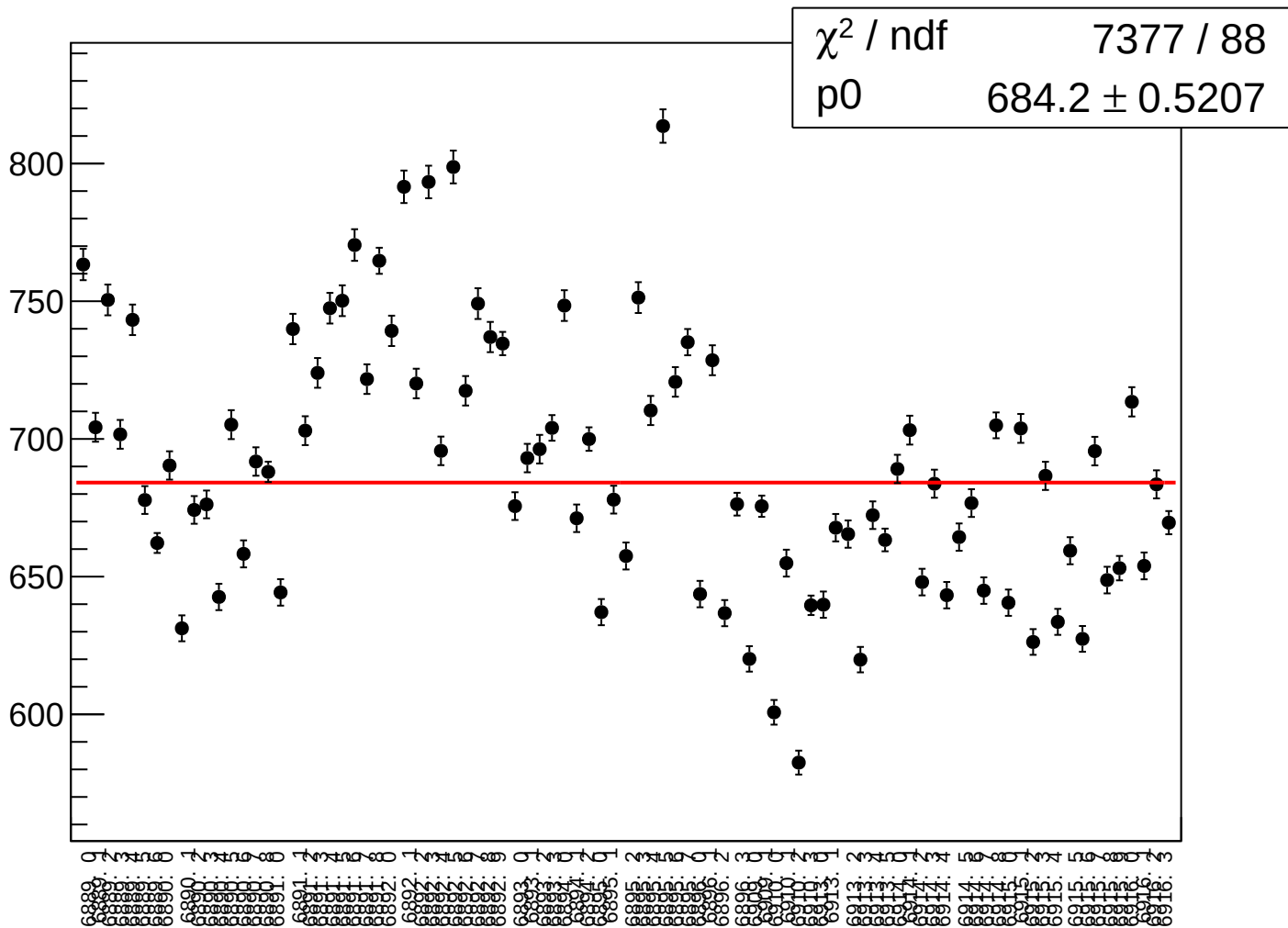
asym_sam_12345678_avg_eigen_dit_correction_rms vs run



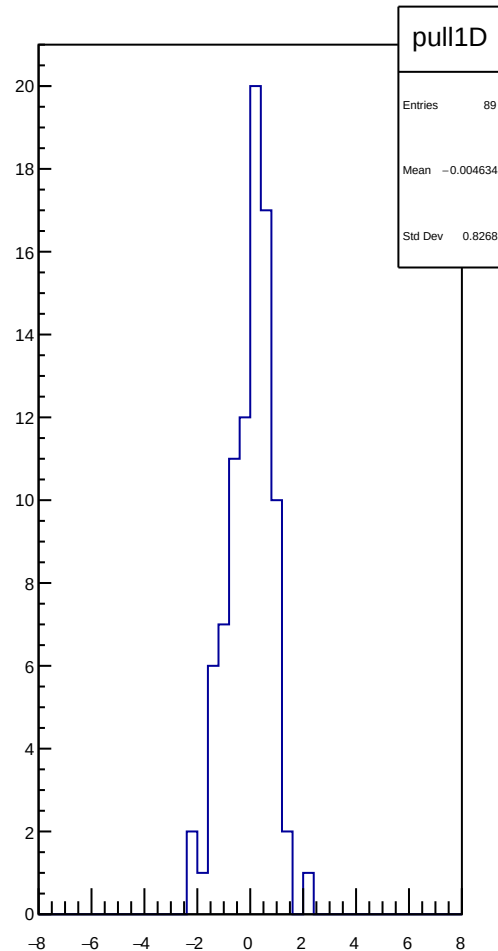
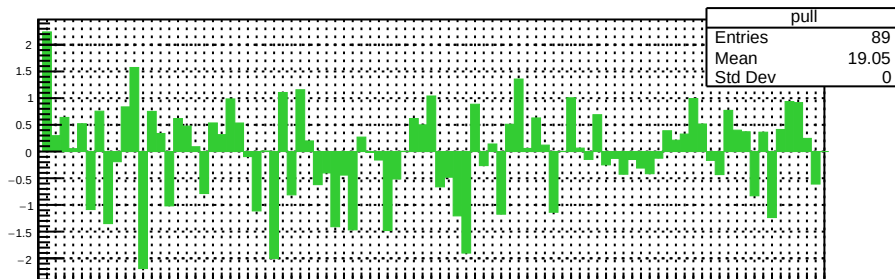
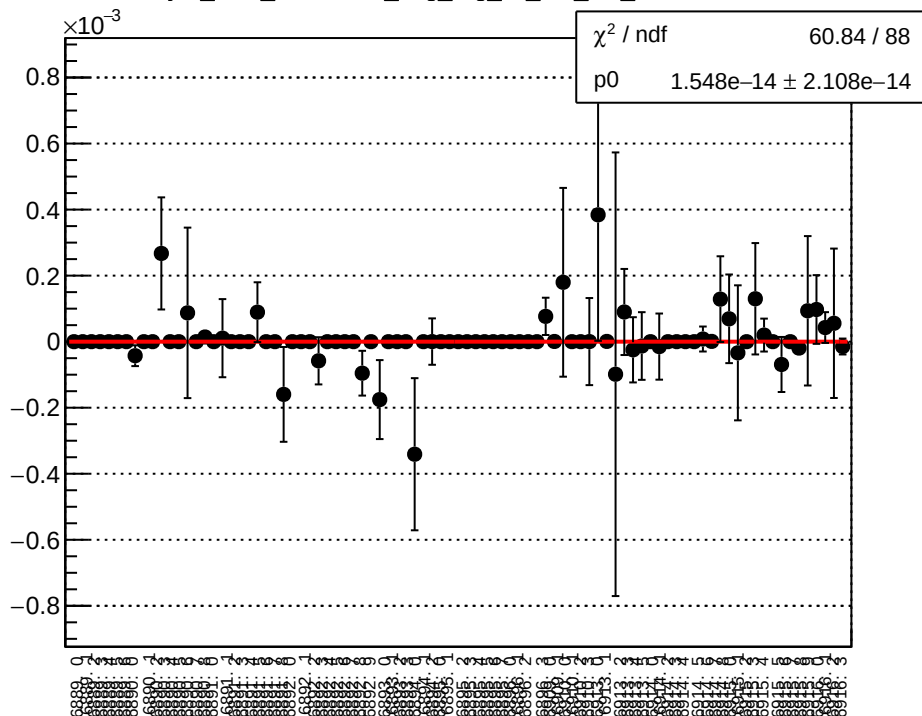
asym_sam_12345678_avg_mean vs run



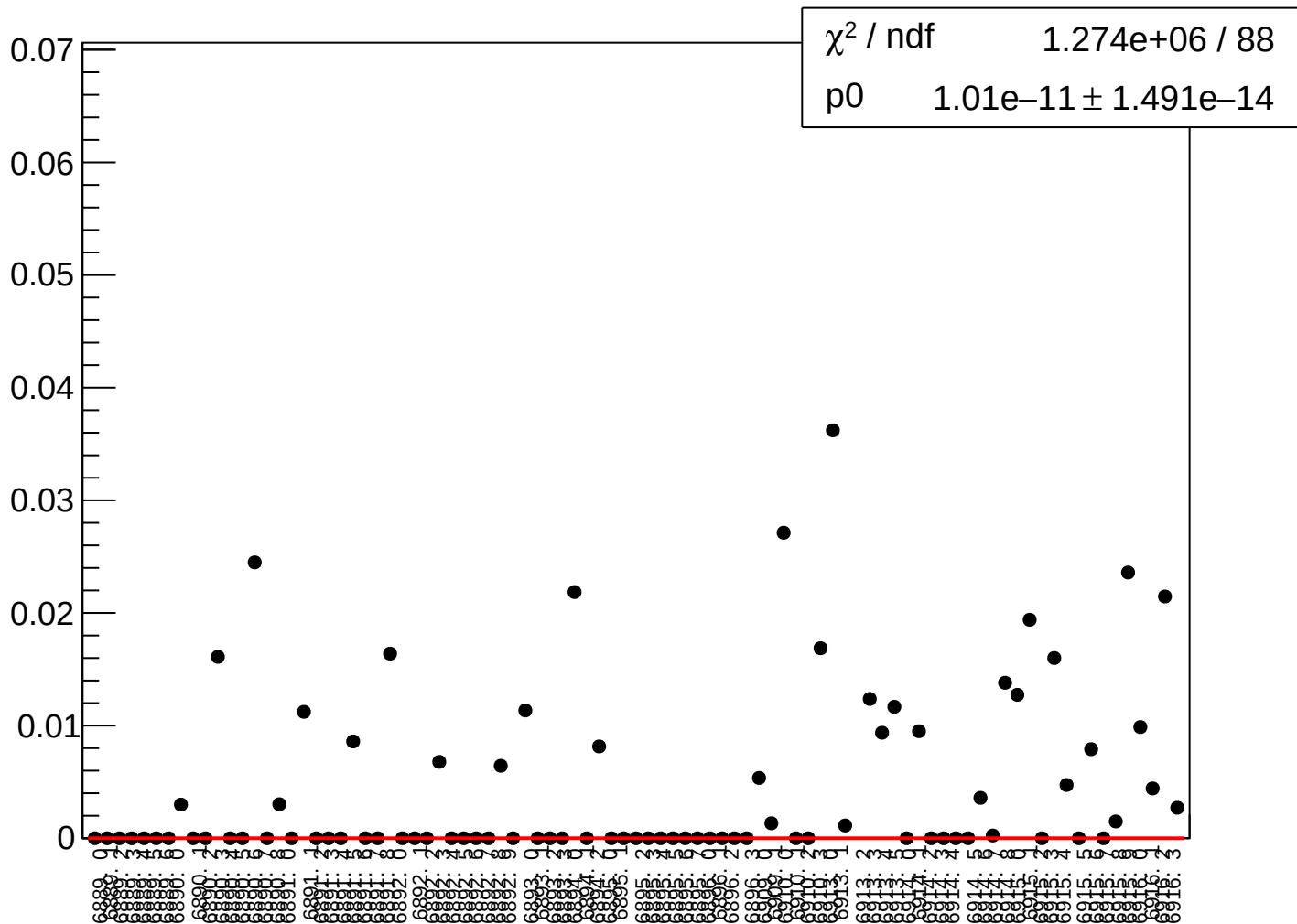
asym_sam_12345678_avg_rms vs run



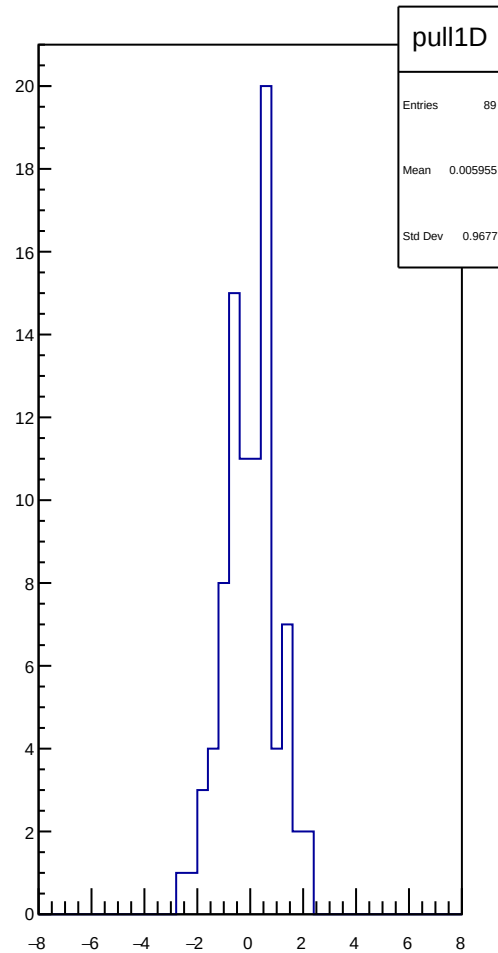
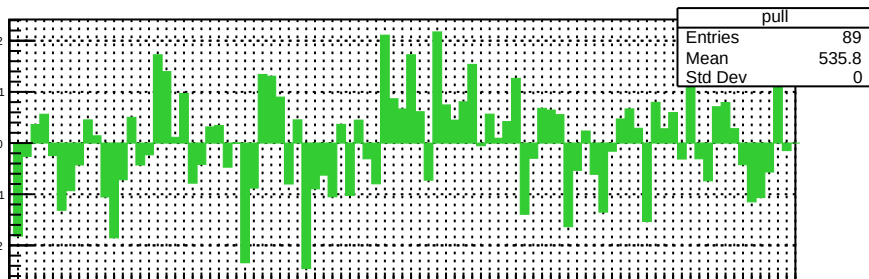
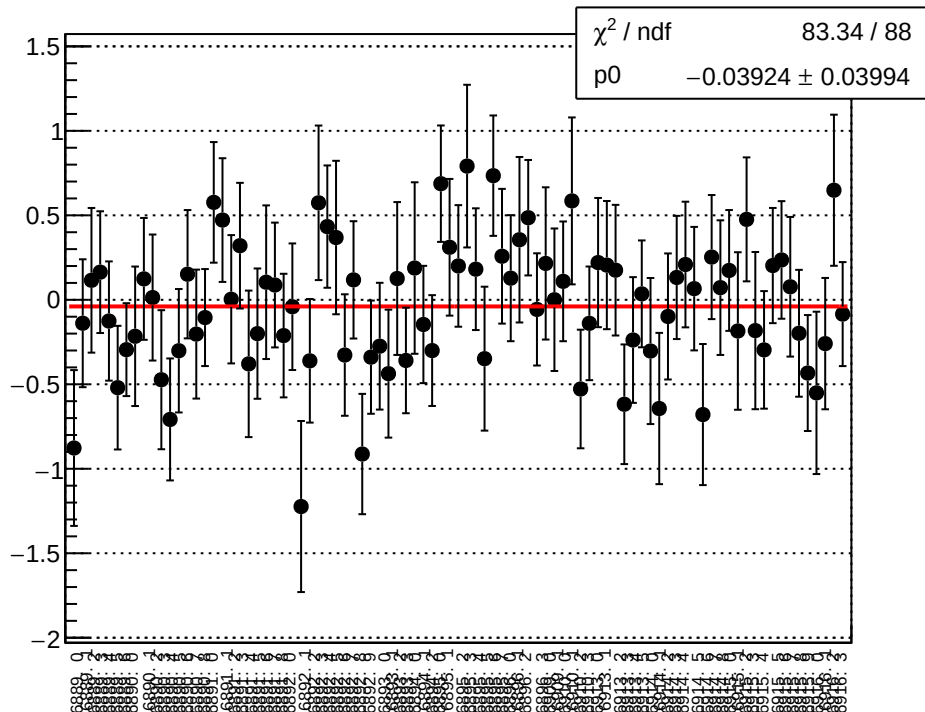
asym_sam_12345678_avg_reg_vs_cor_diff_mean vs run



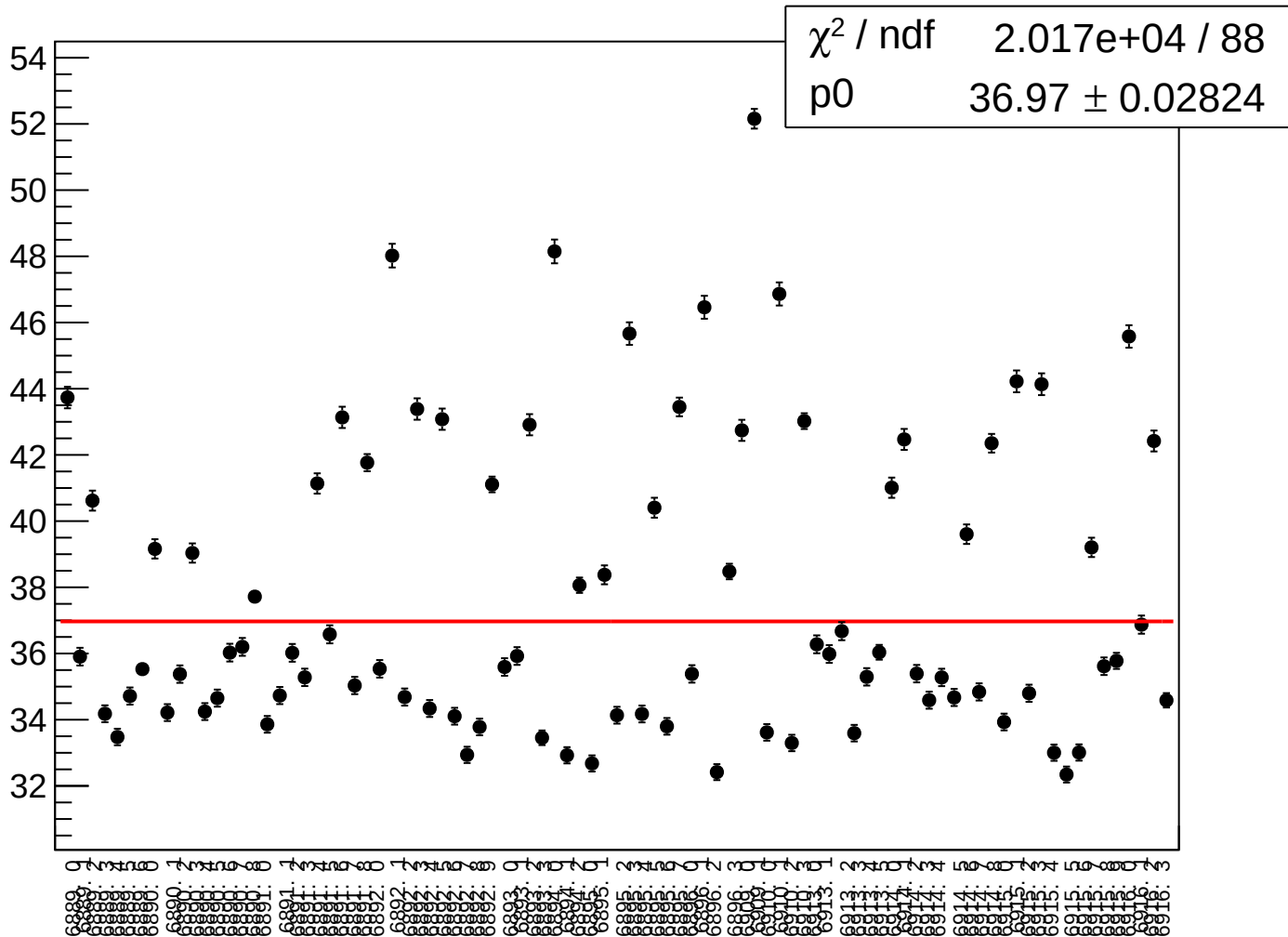
asym_sam_12345678_avg_reg_vs_cor_diff_rms vs run



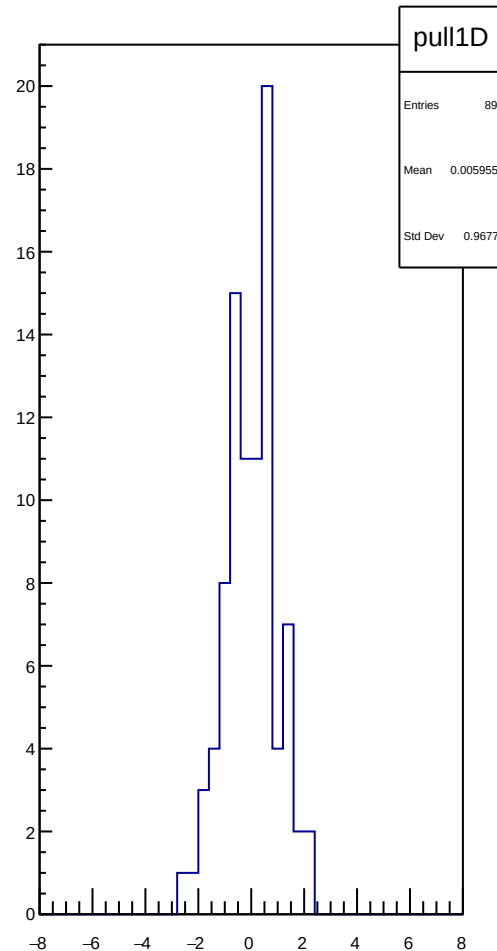
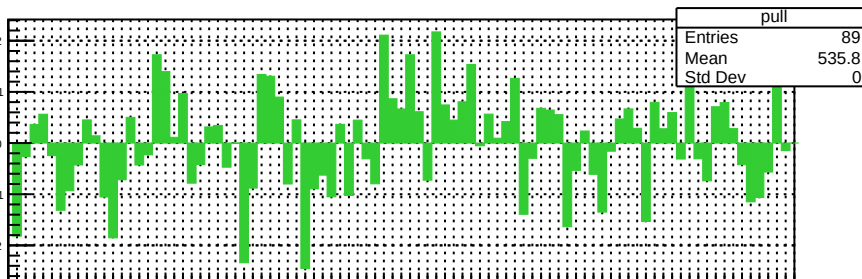
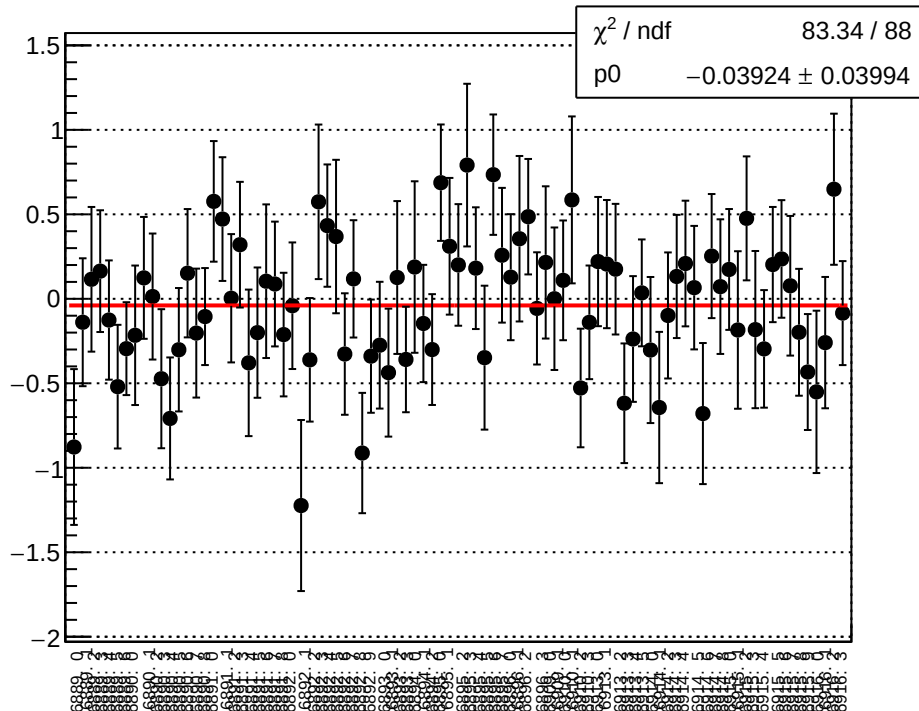
asym_sam_12345678_avg_dit_vs_cor_diff_mean vs run



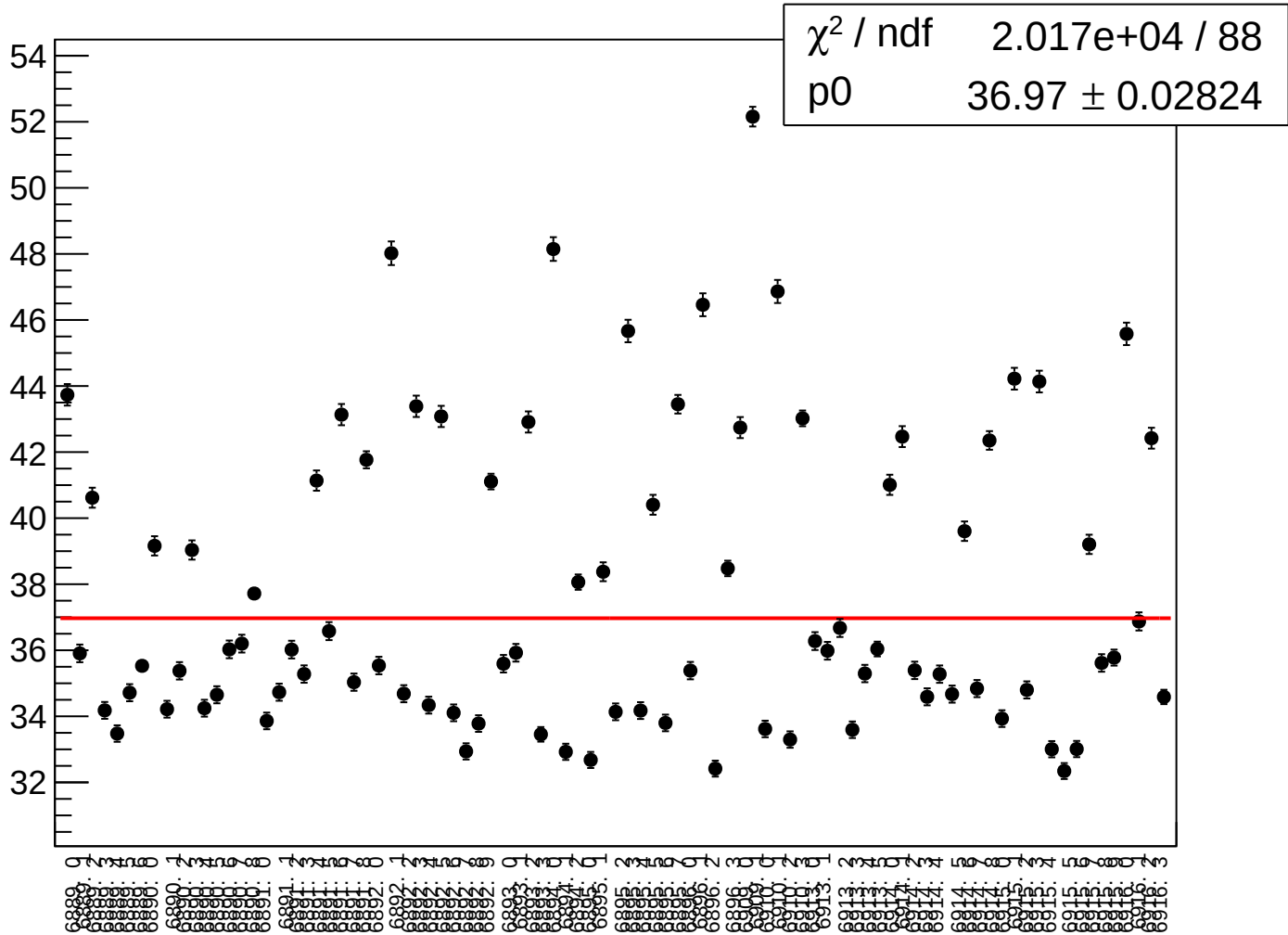
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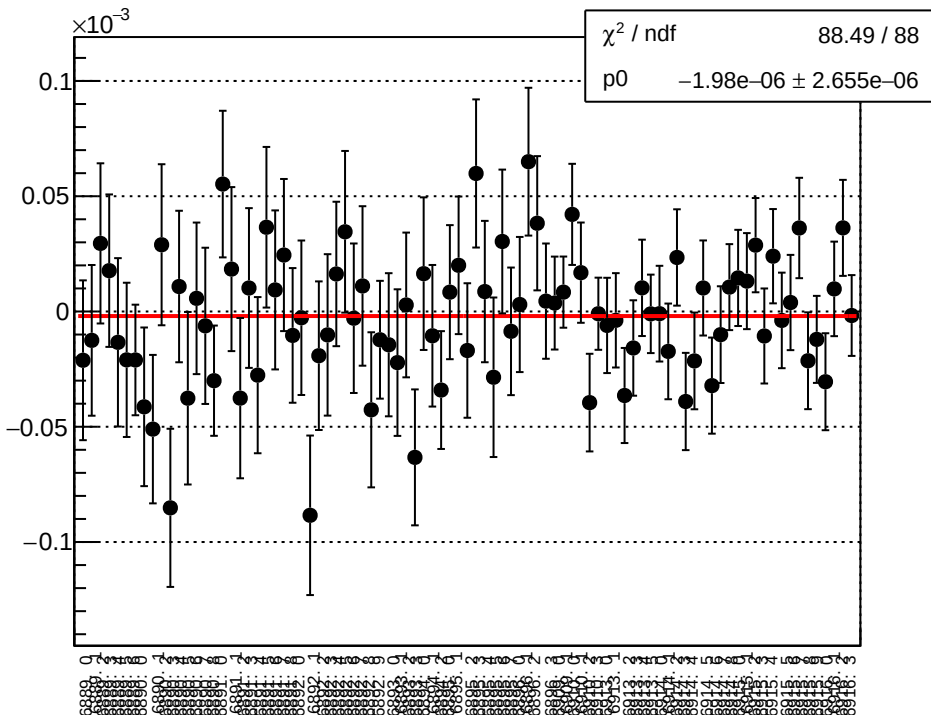
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asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs run

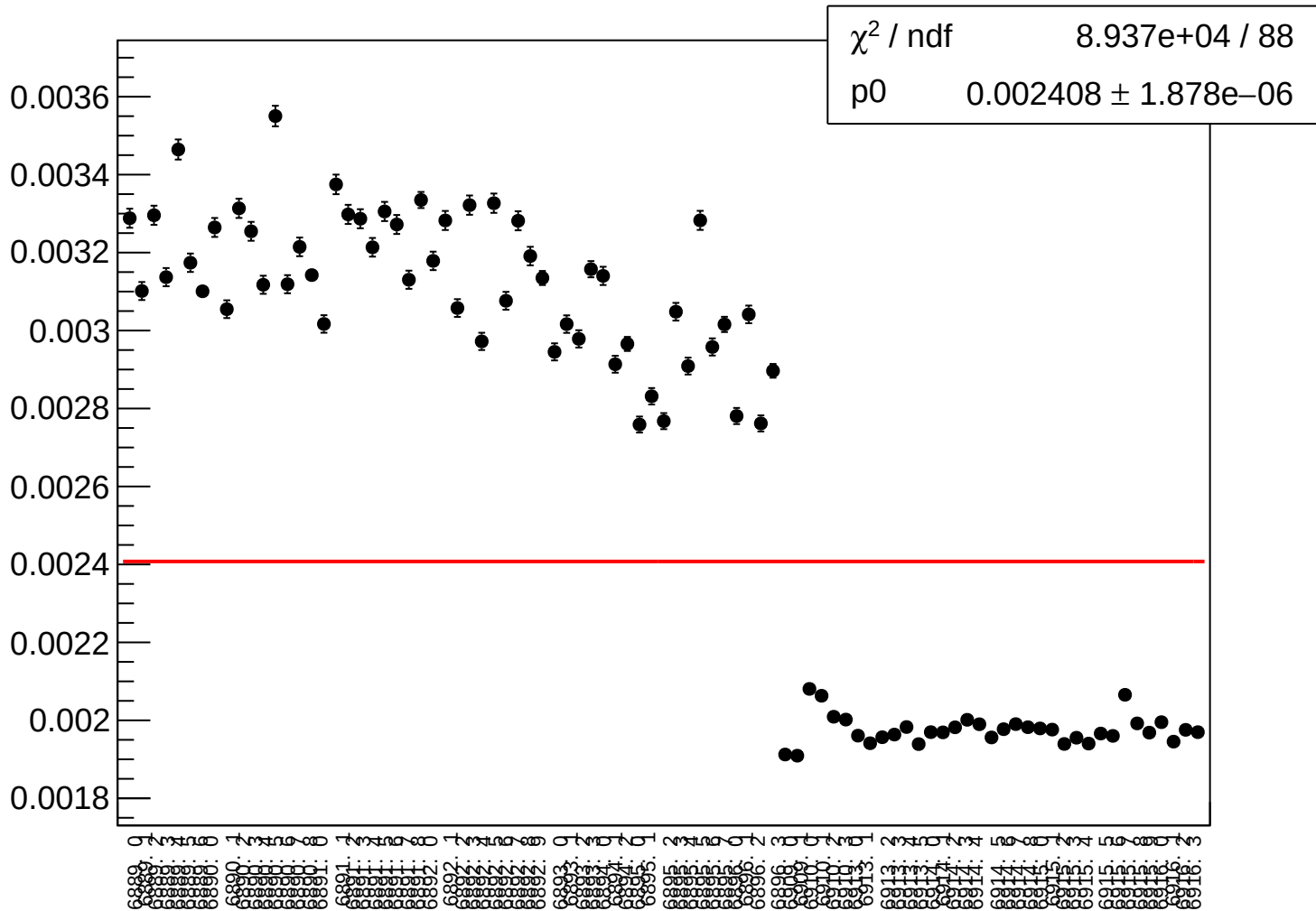


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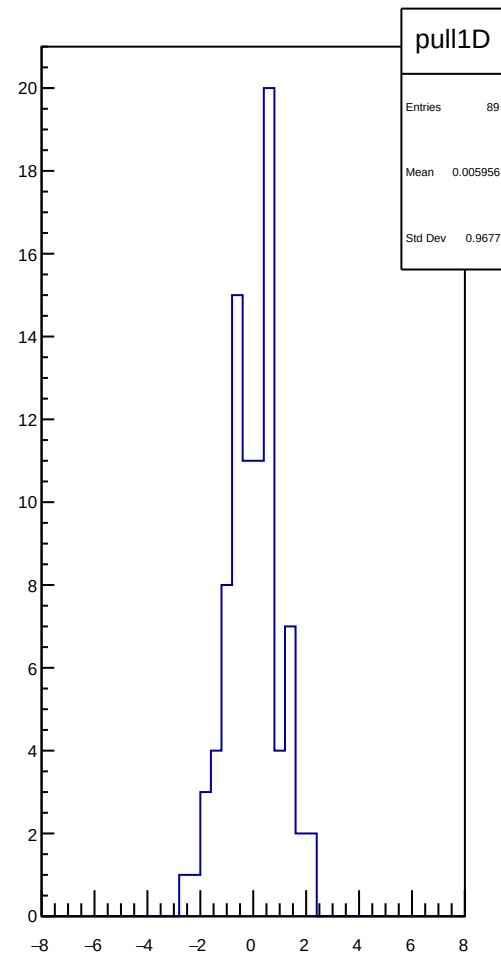
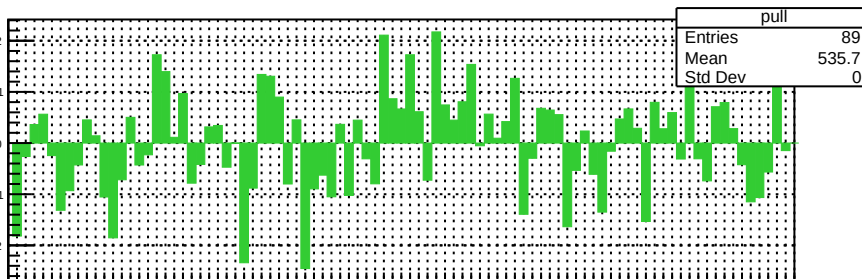
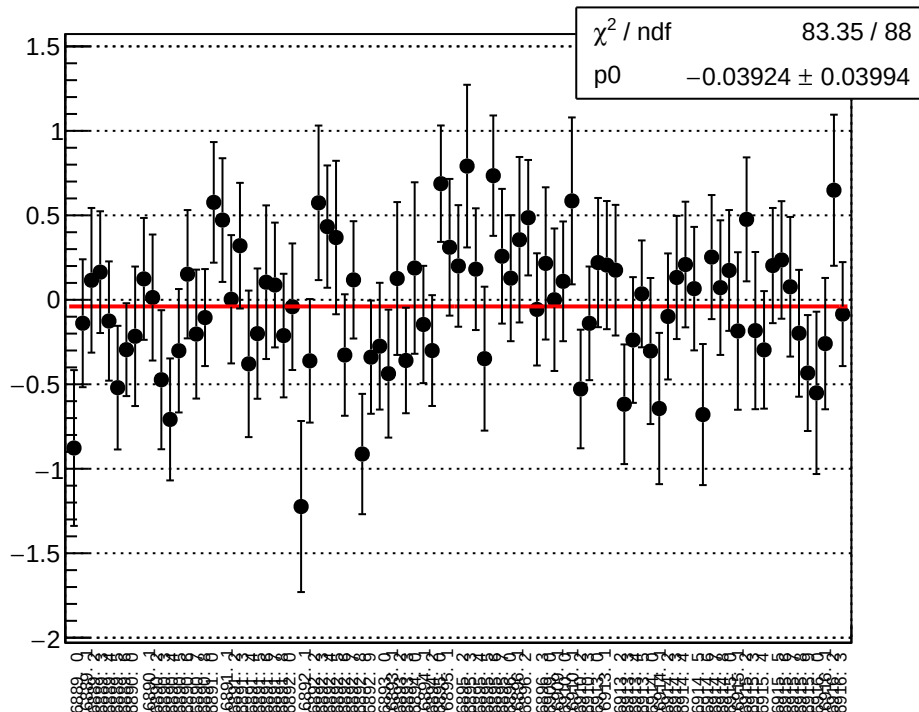


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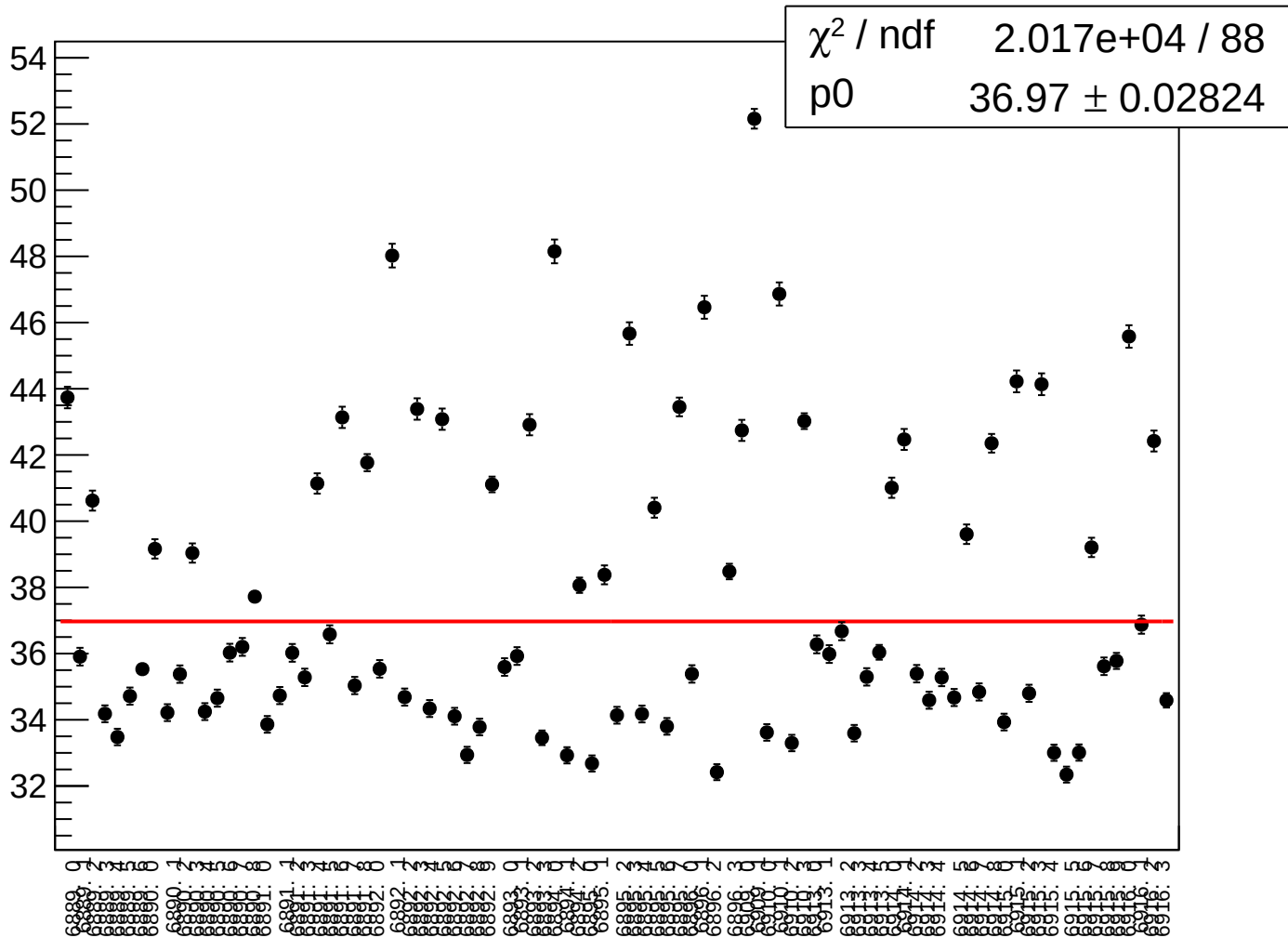
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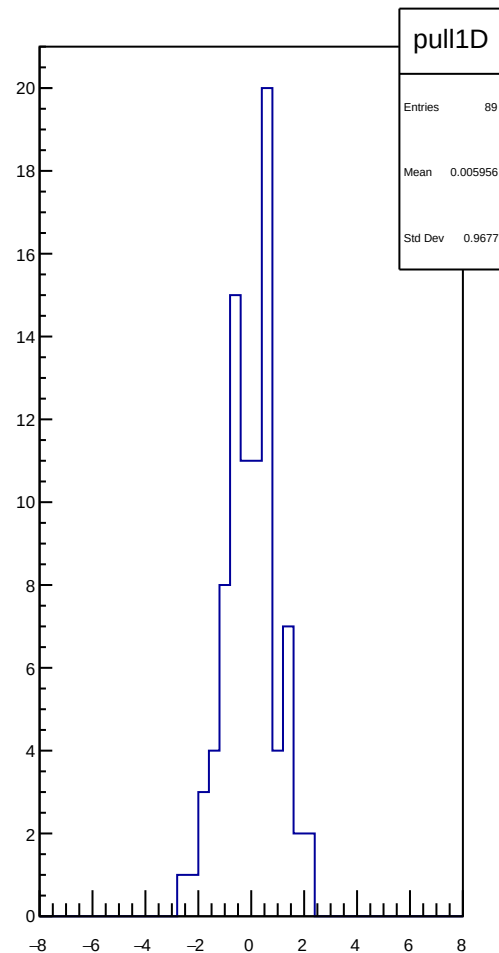
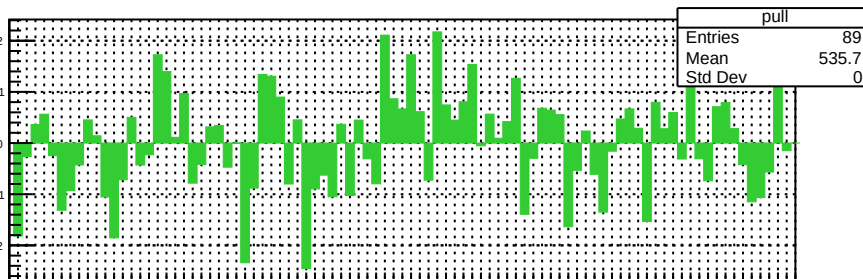
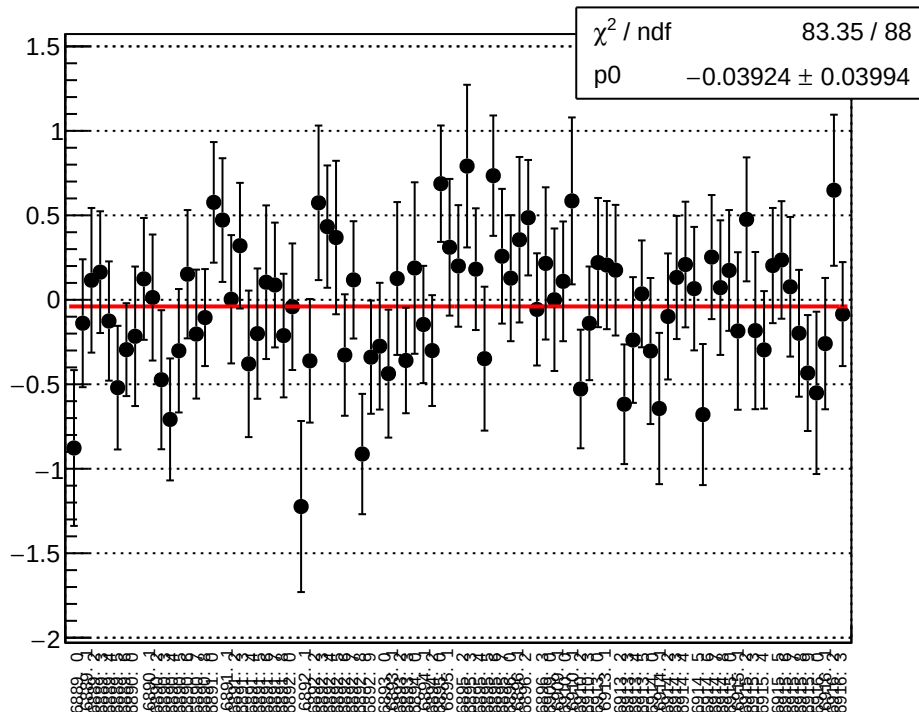
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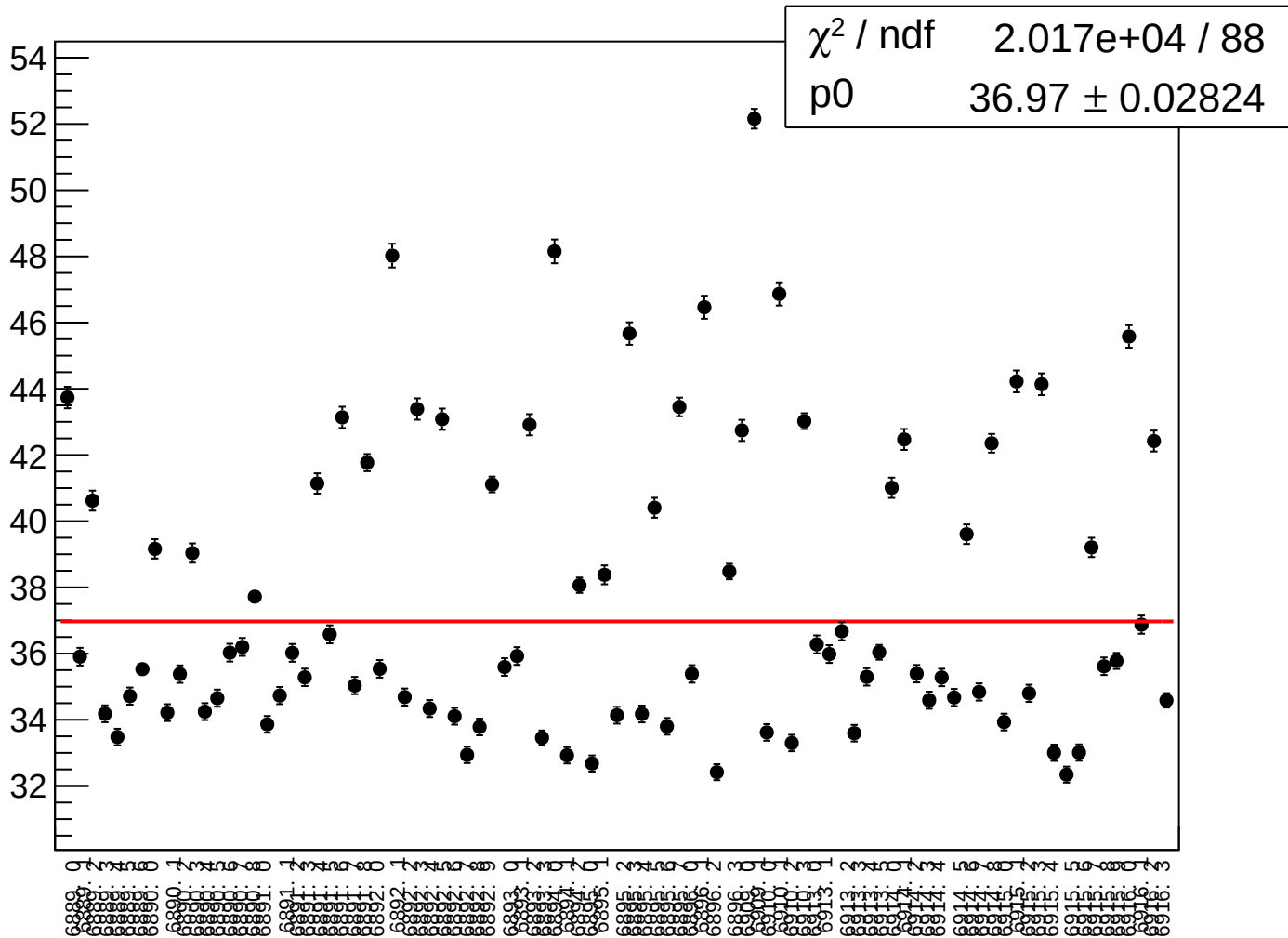
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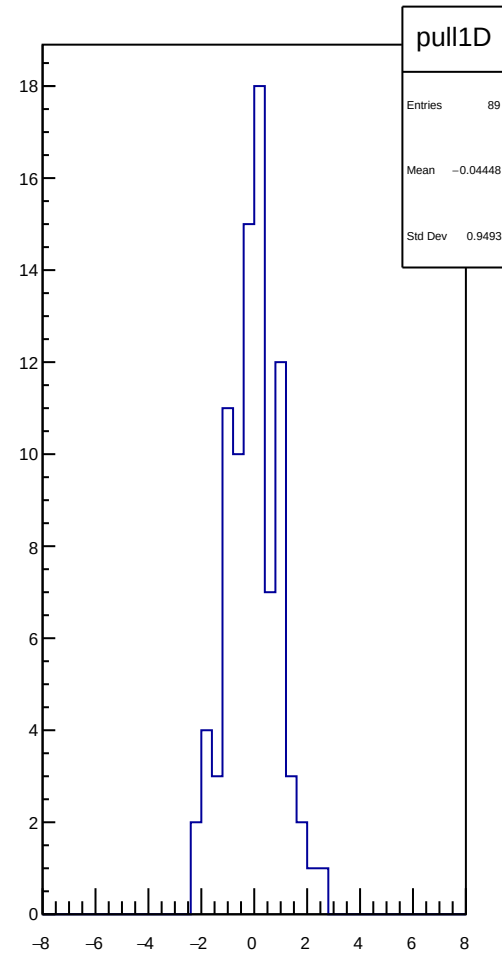
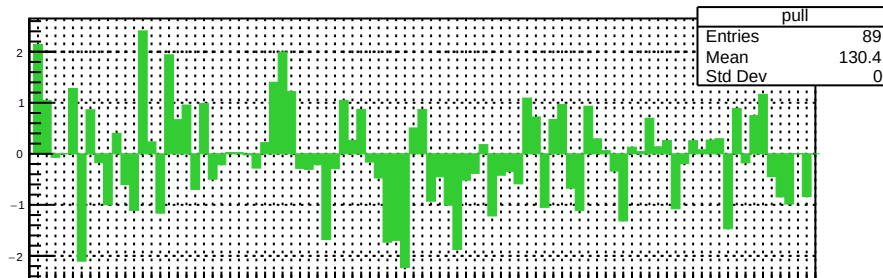
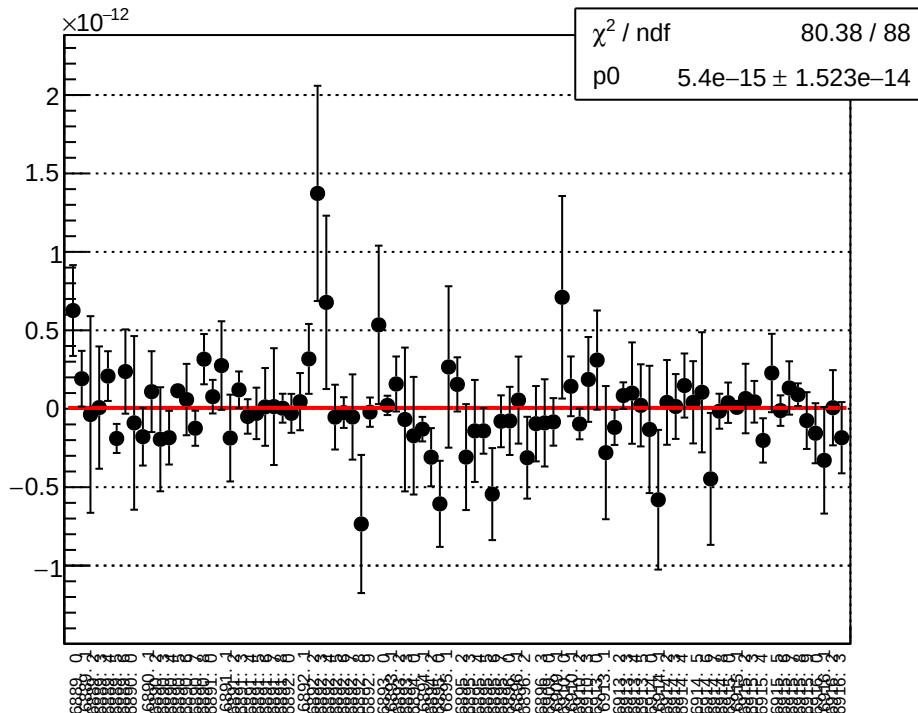
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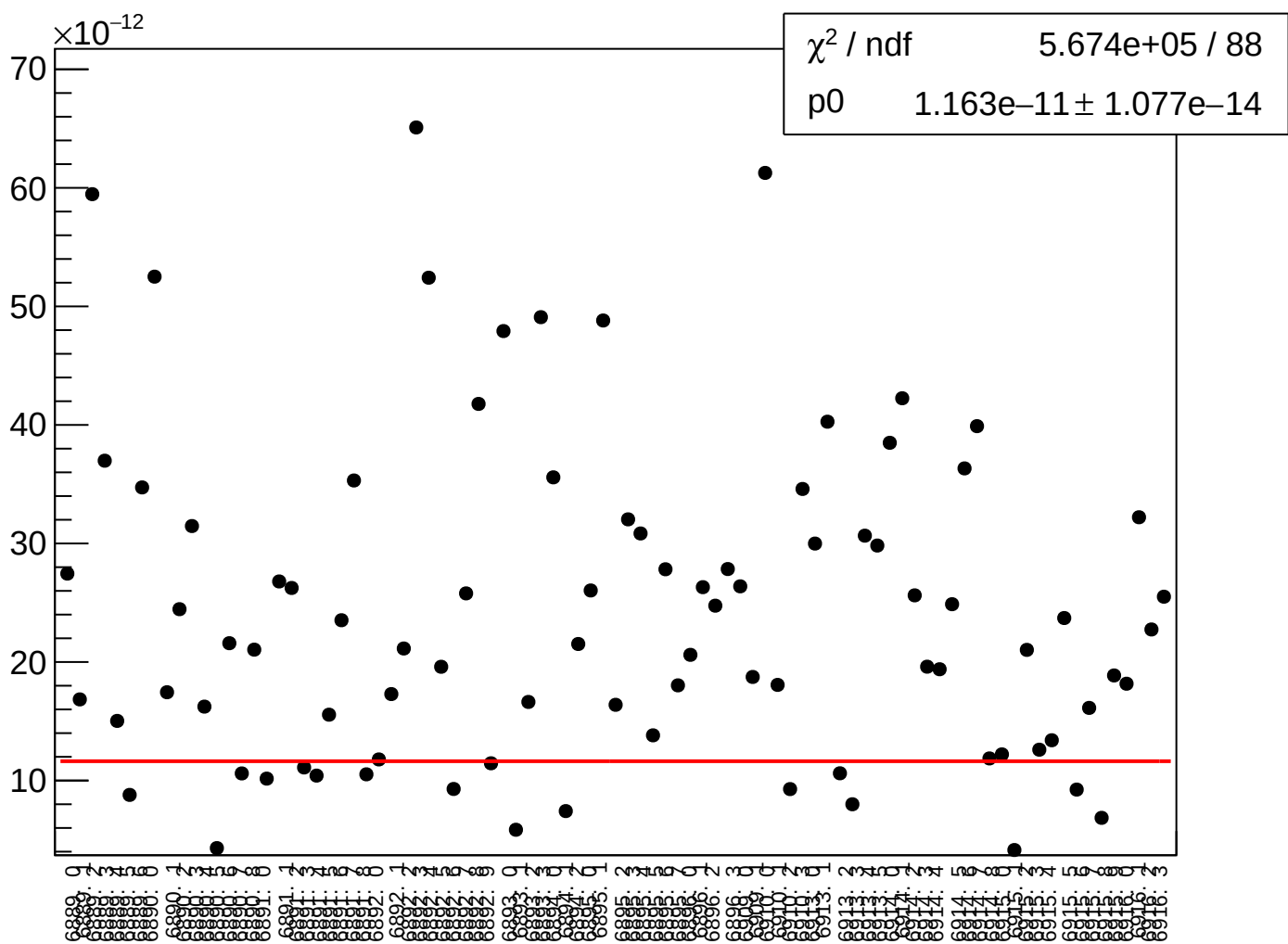
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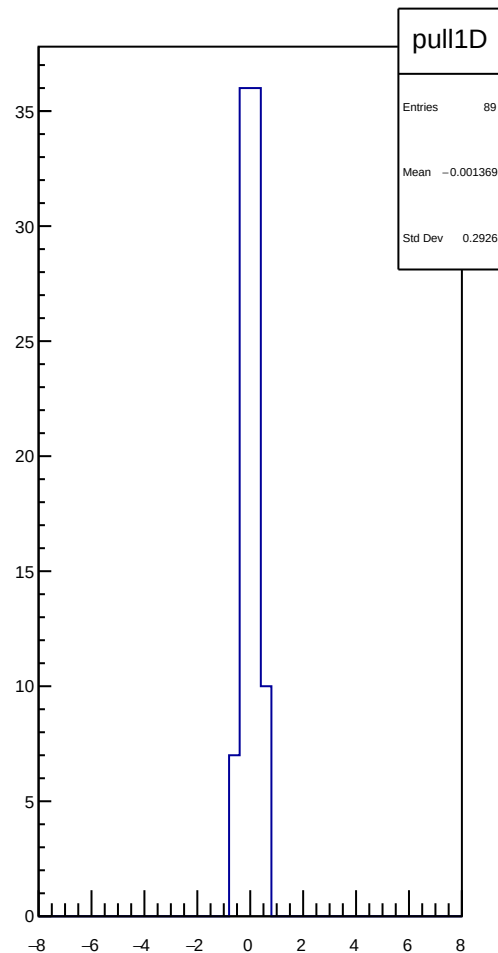
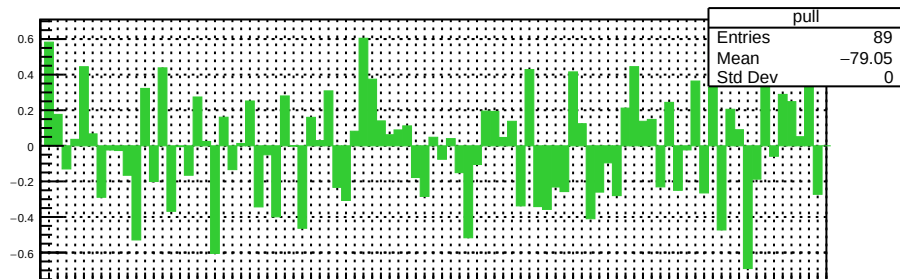
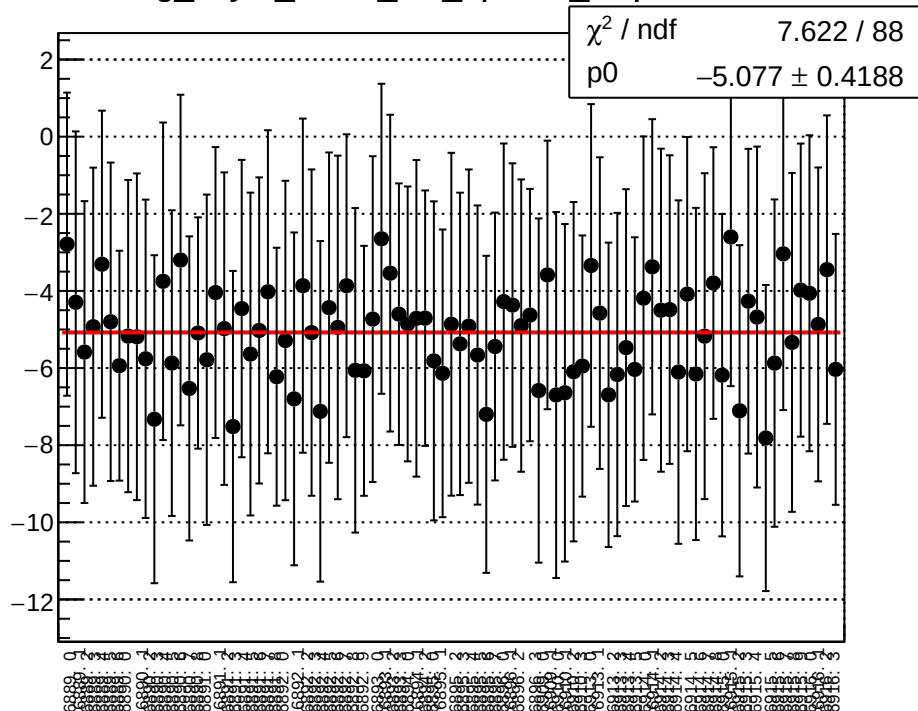
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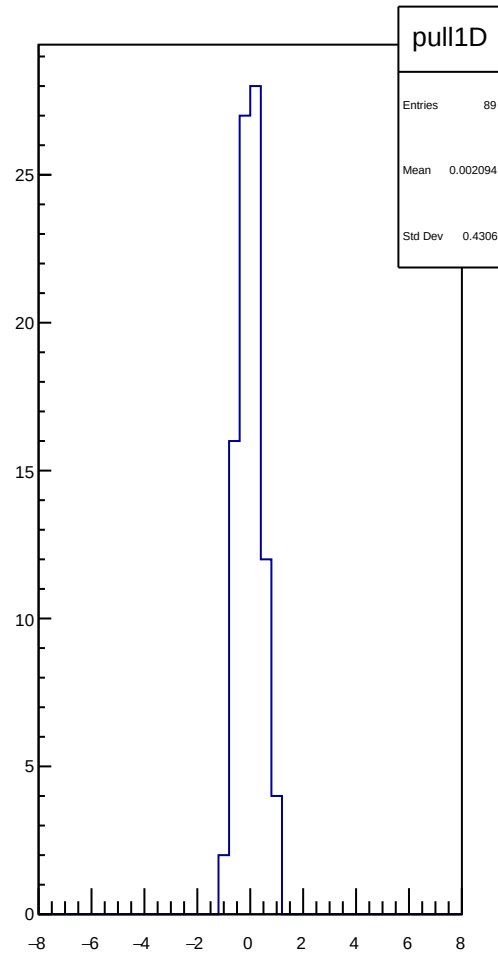
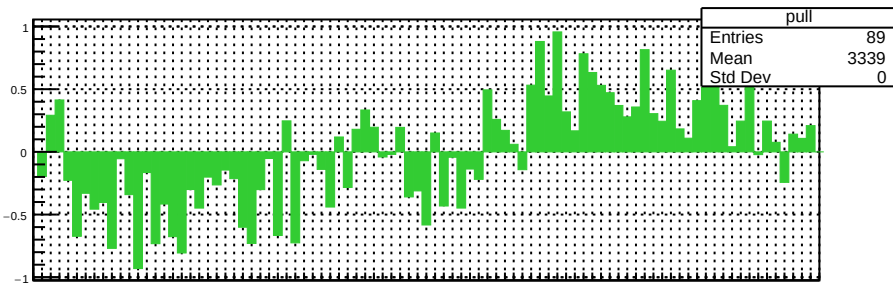
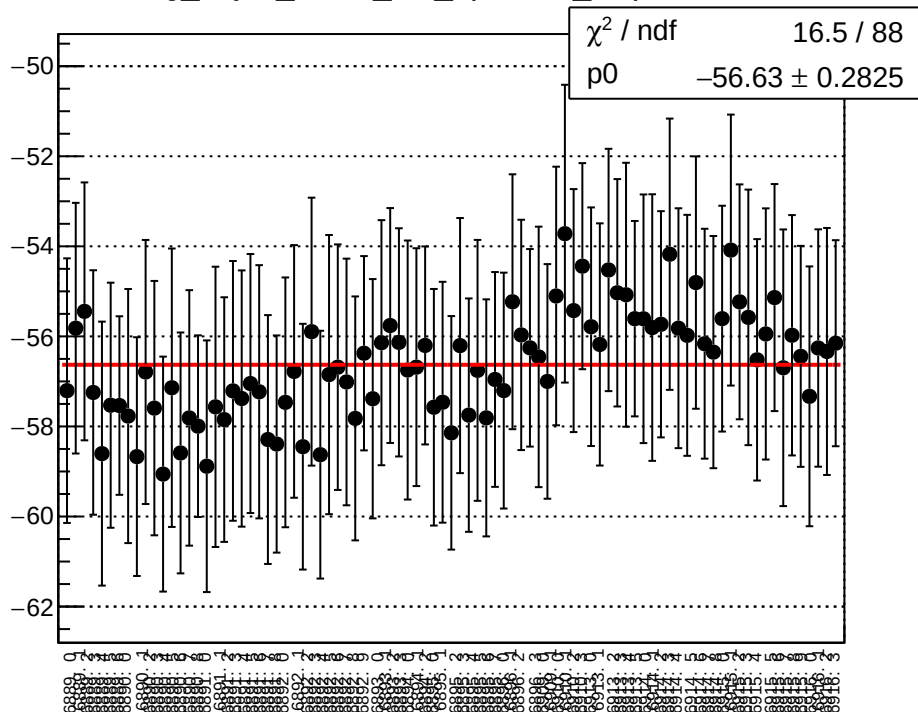
asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs run



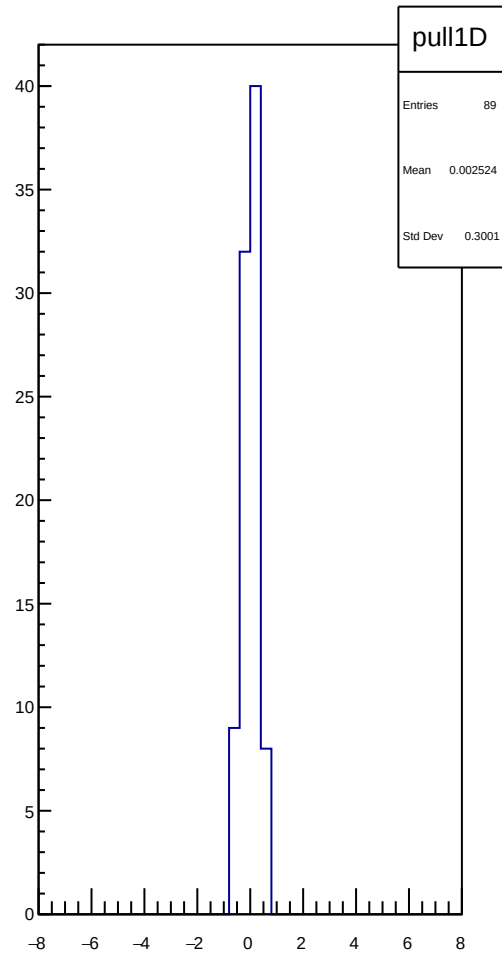
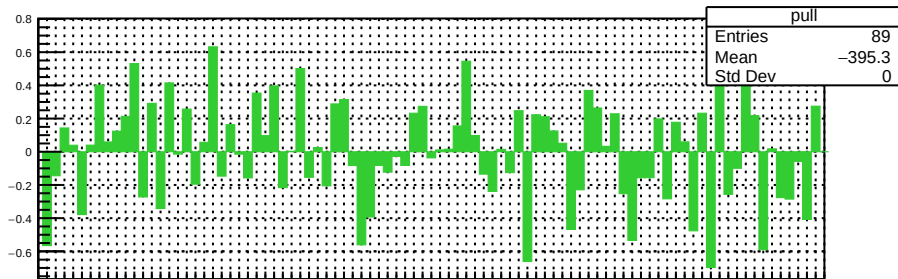
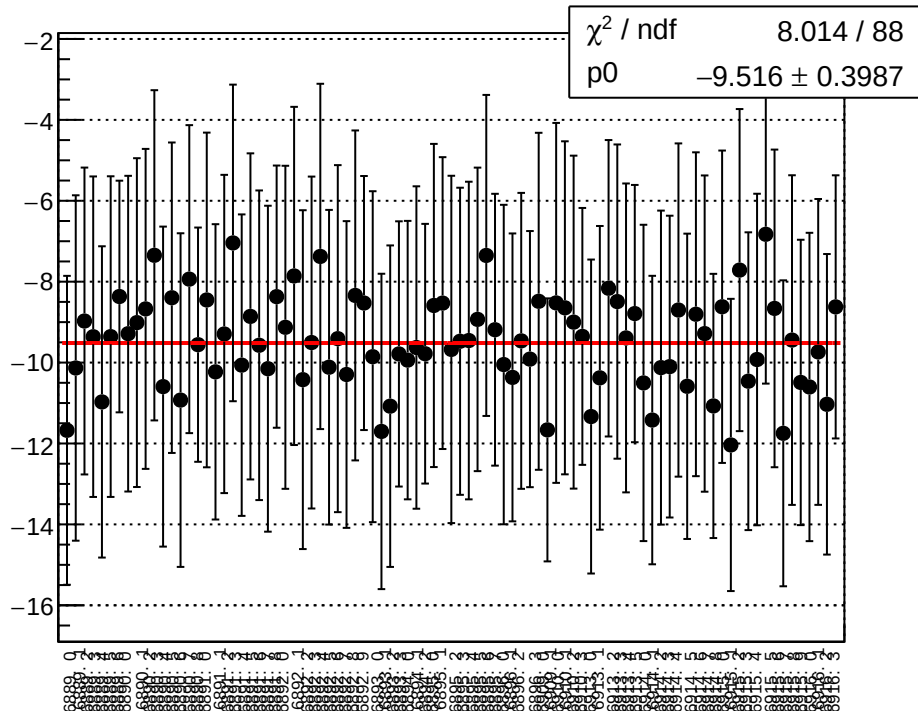
reg_asym_sam1_diff_bpm1X_slope vs run



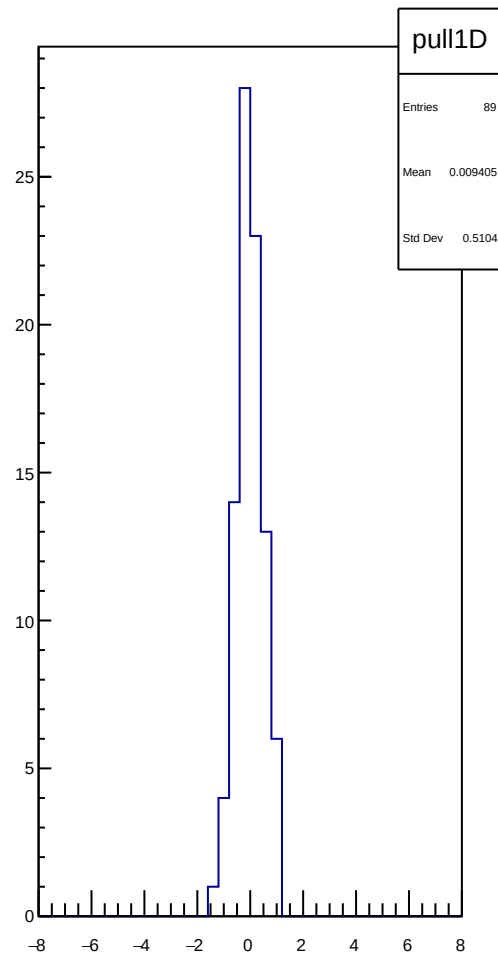
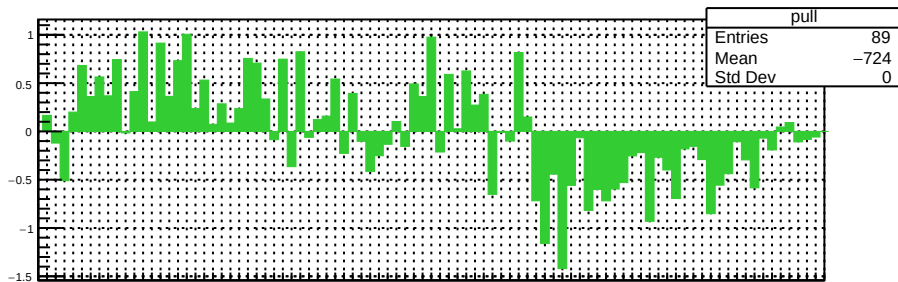
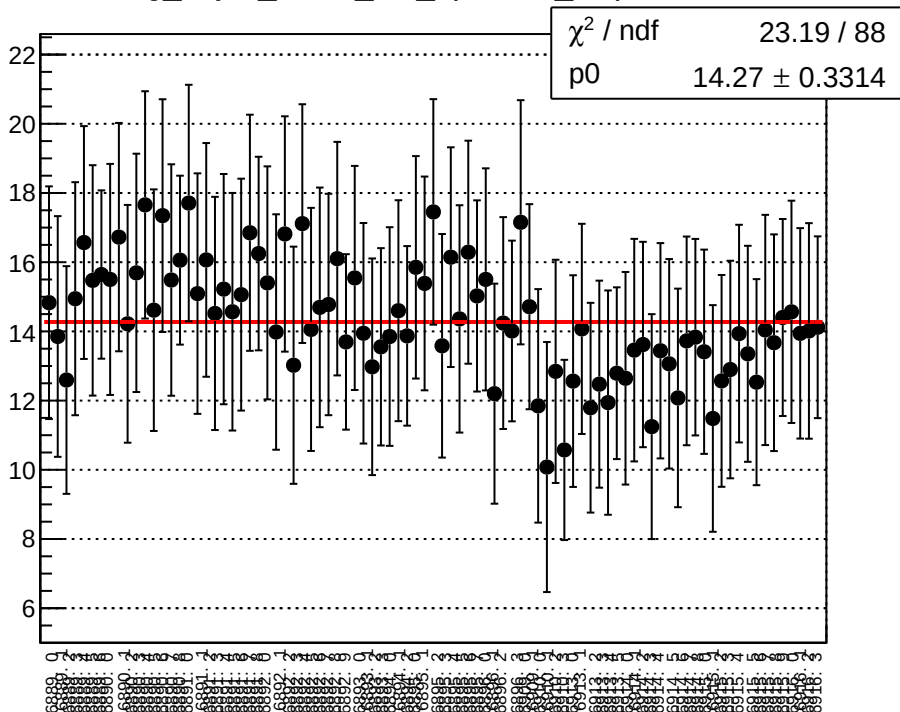
reg_asym_sam1_diff_bpm4aY_slope vs run



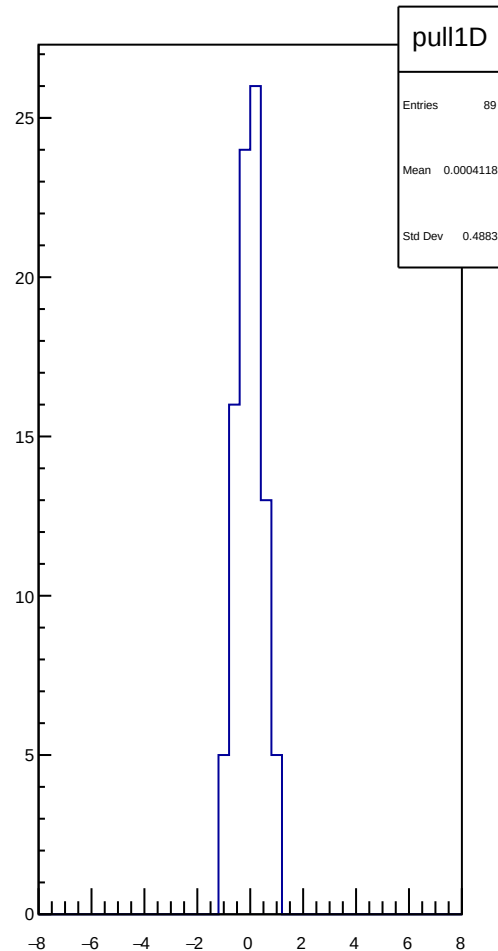
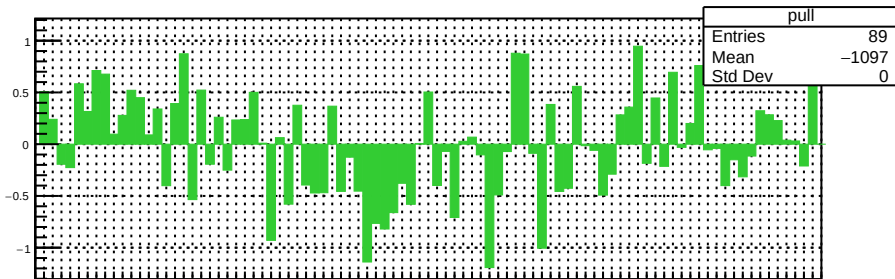
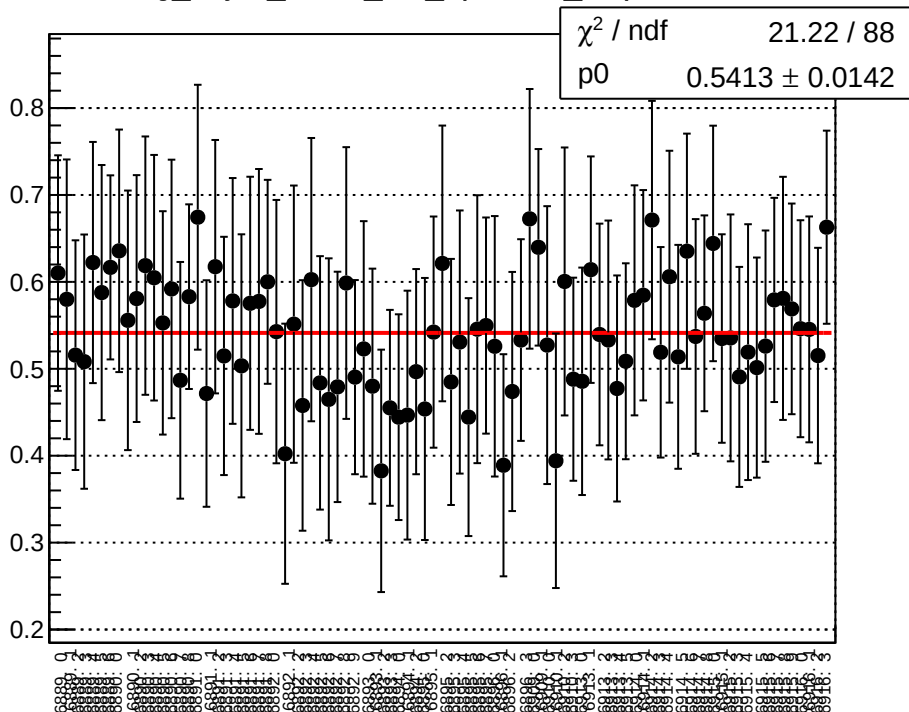
reg_asym_sam1_diff_bpm4eX_slope vs run



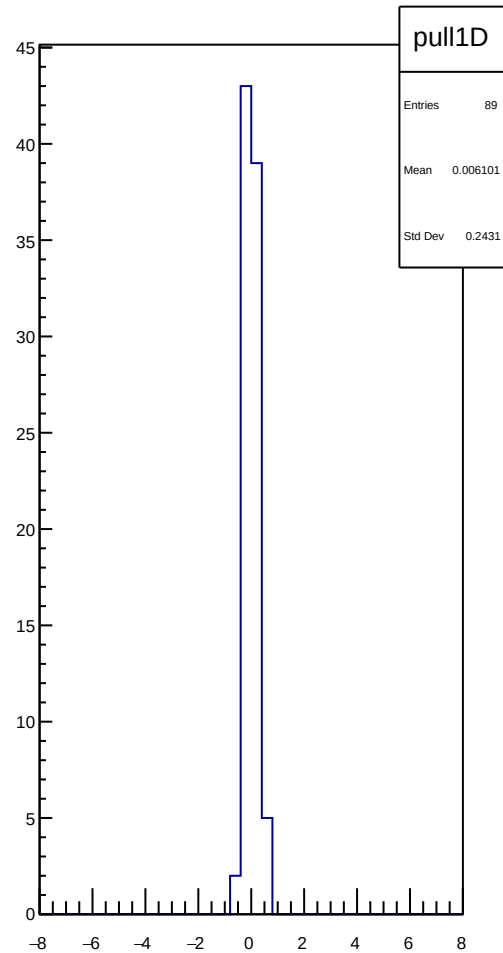
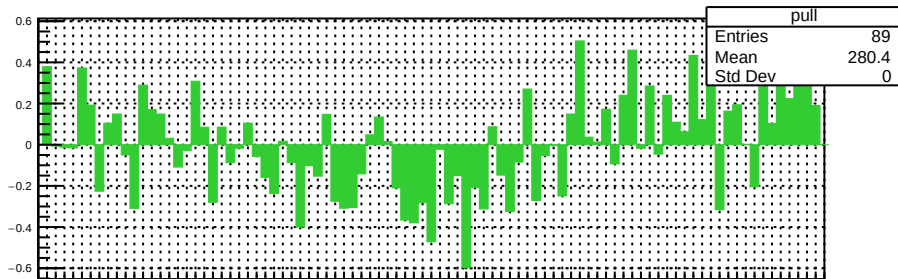
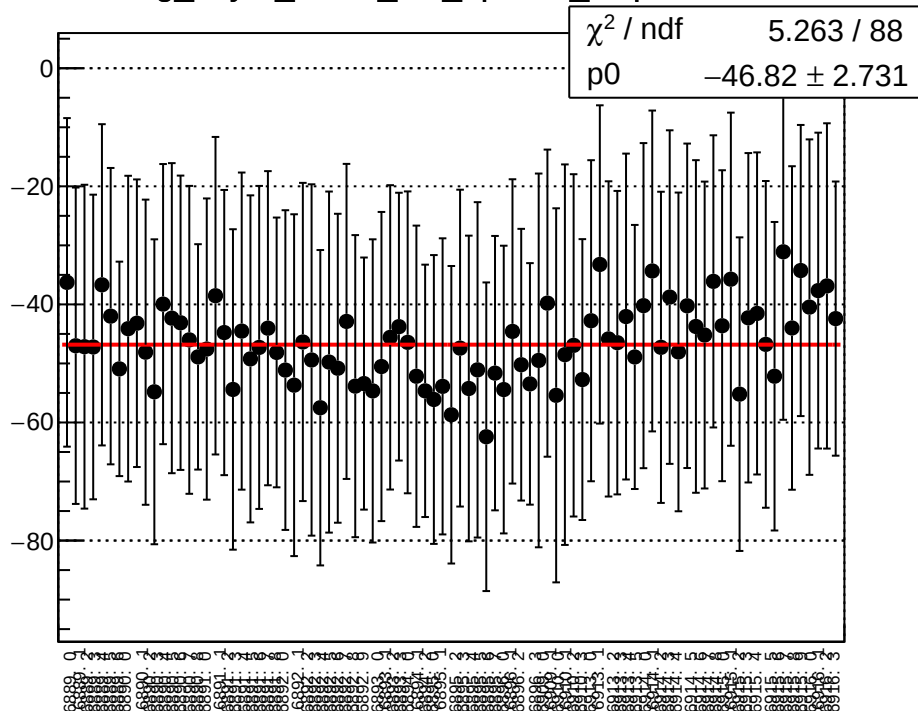
reg_asym_sam1_diff_bpm4eY_slope vs run



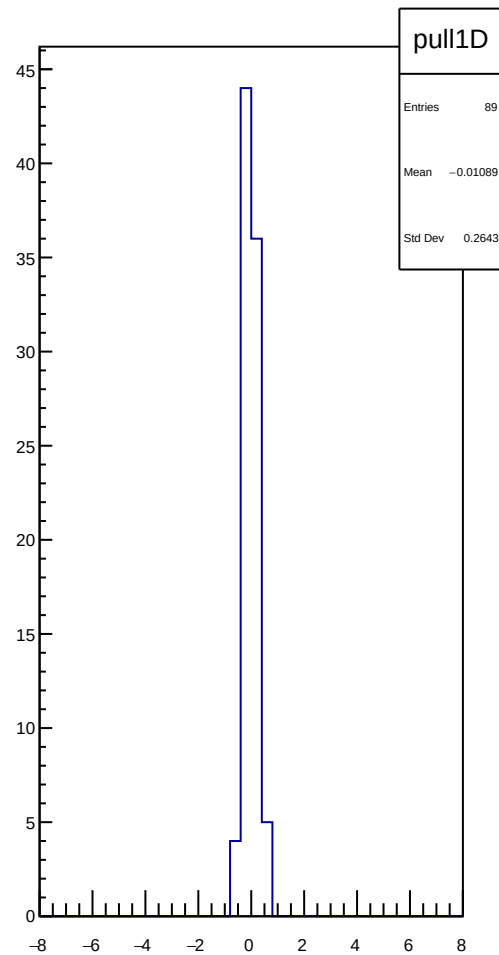
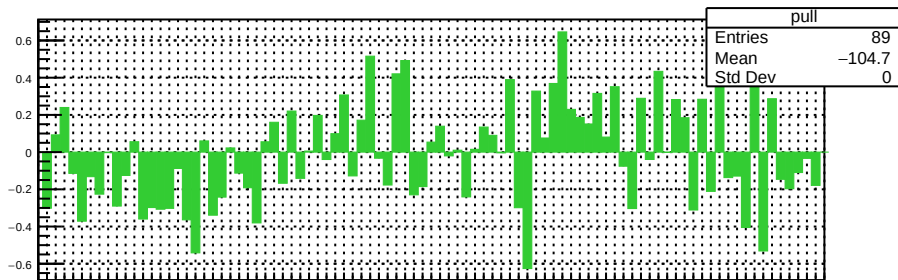
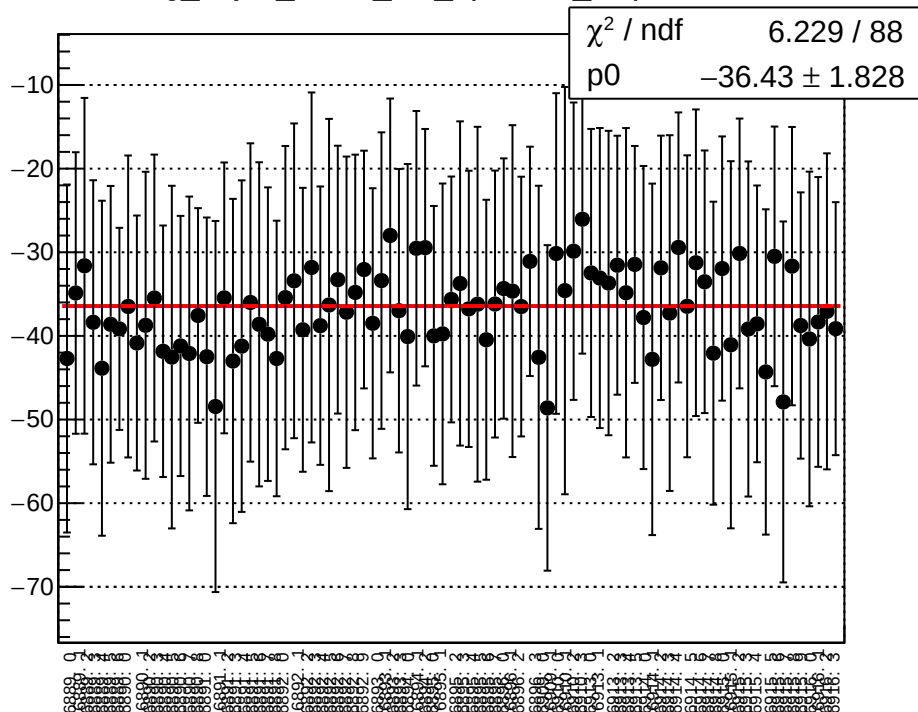
reg_asym_sam1_diff_bpm12X_slope vs run



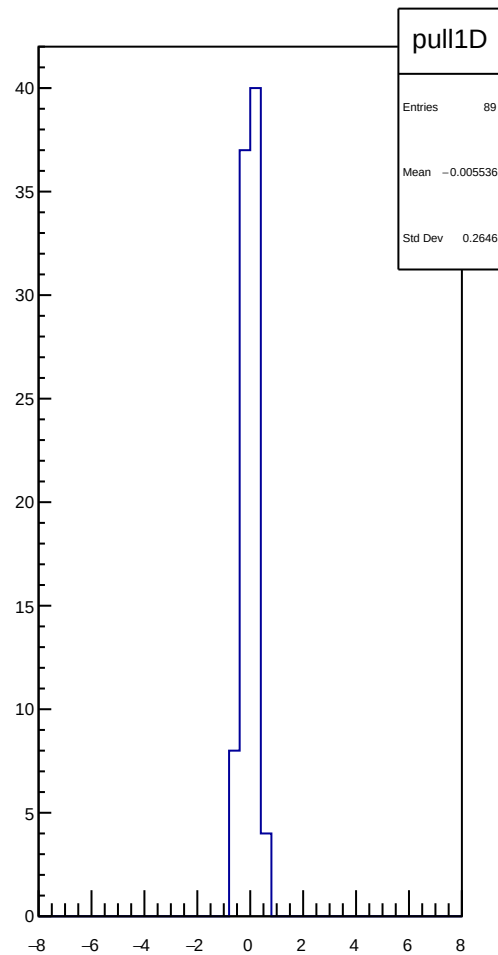
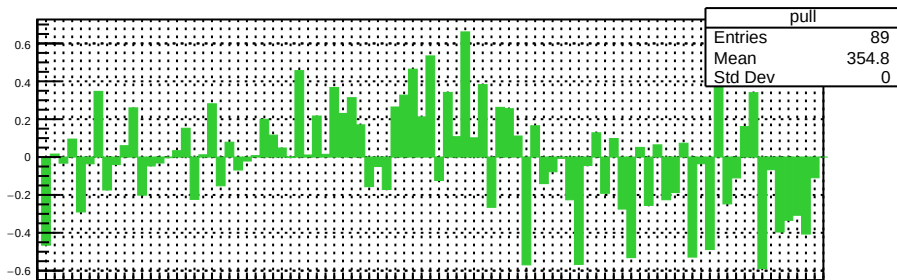
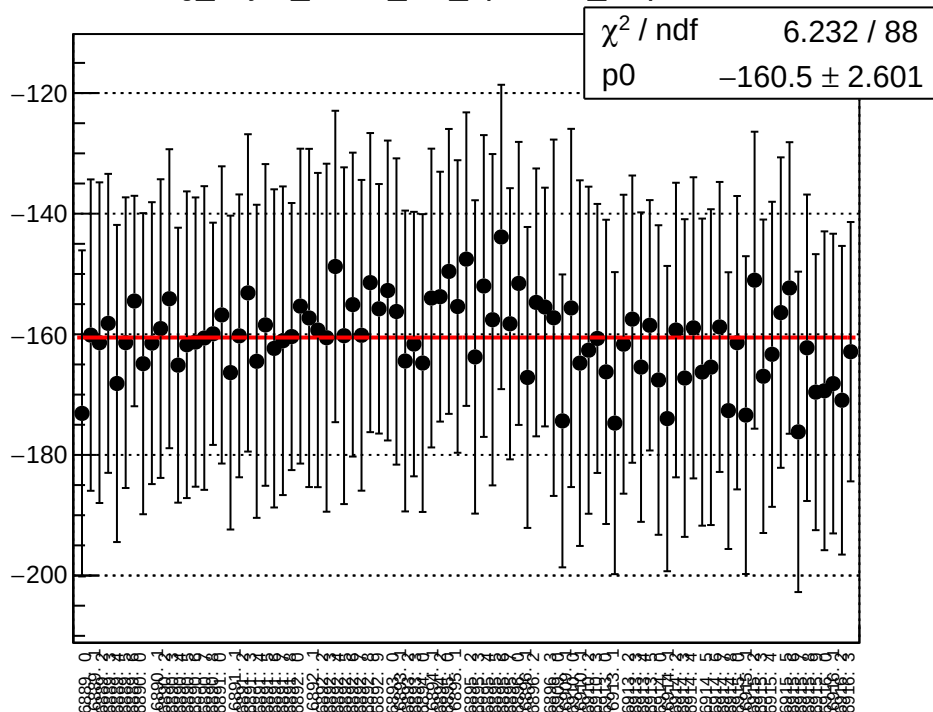
reg_asym_sam2_diff_bpm1X_slope vs run



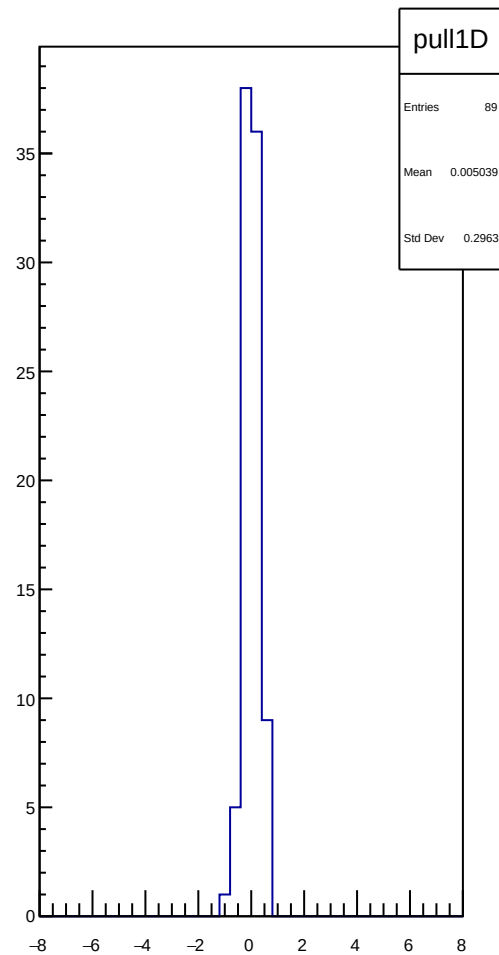
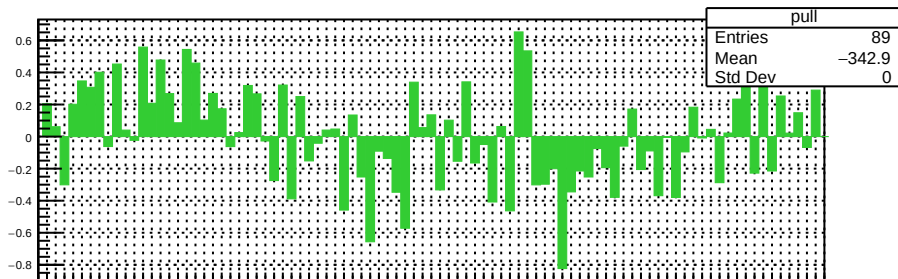
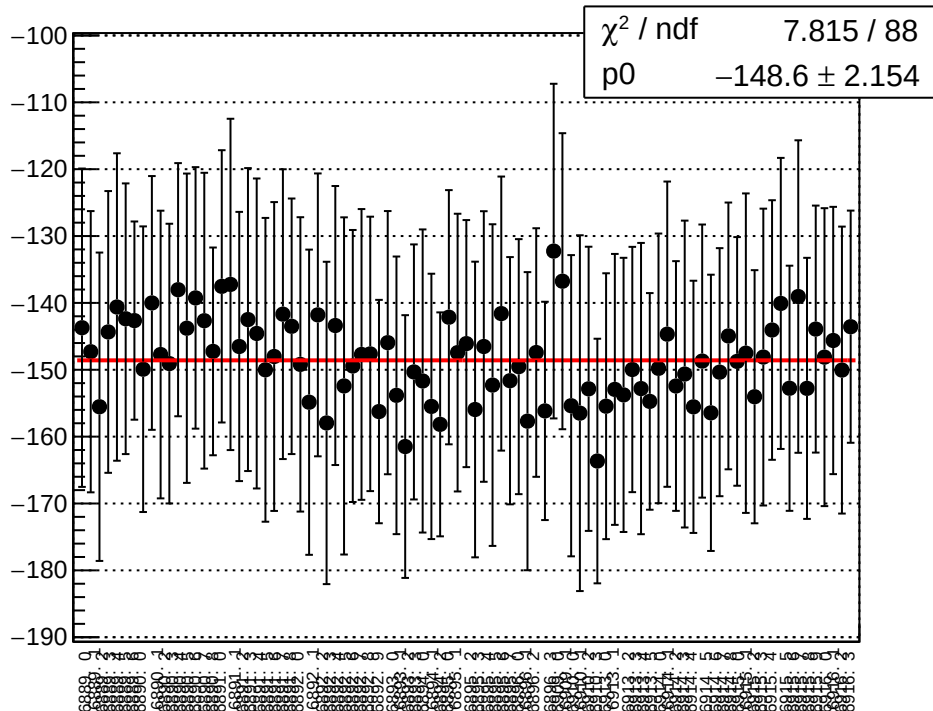
reg_asym_sam2_diff_bpm4aY_slope vs run



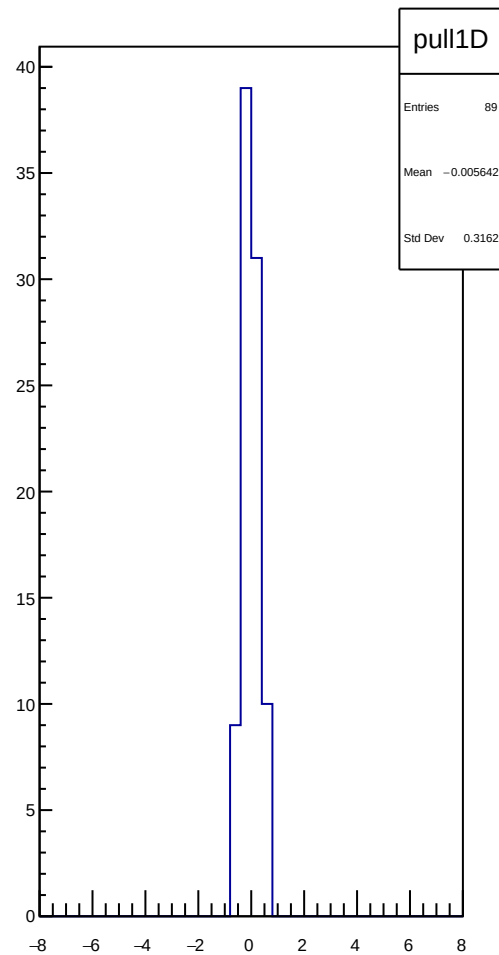
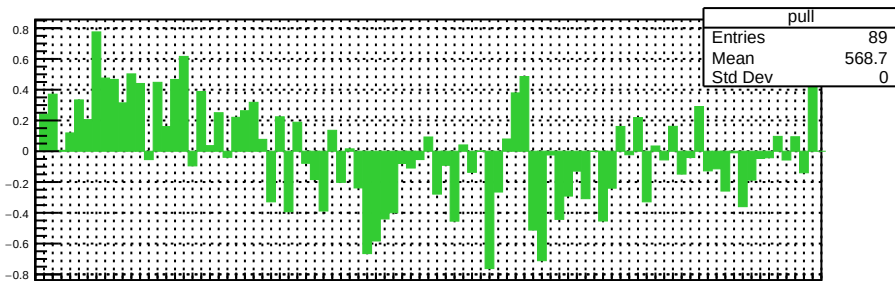
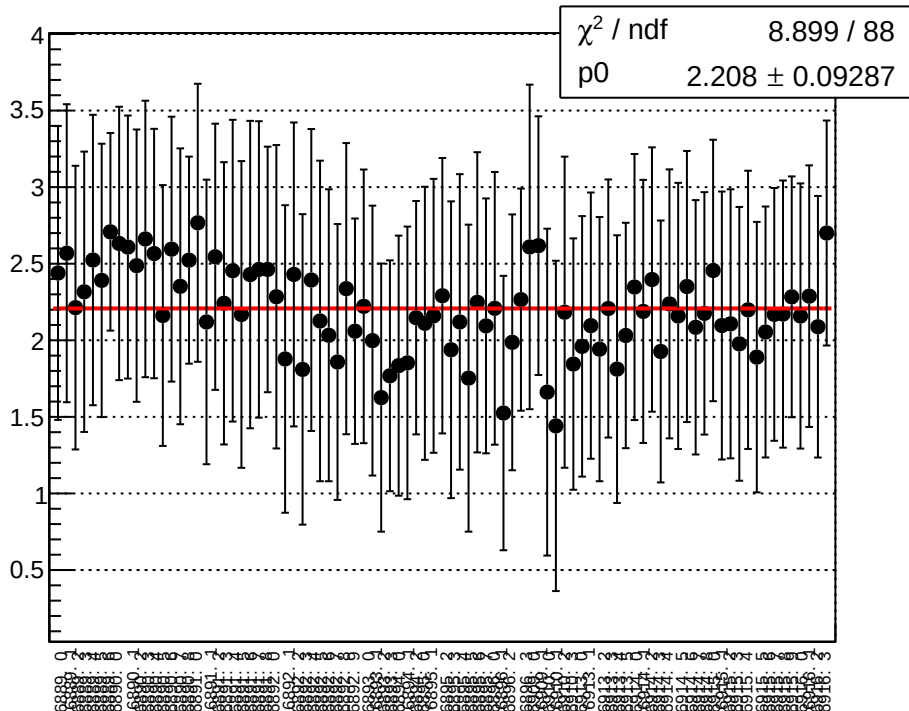
reg_asym_sam2_diff_bpm4eX_slope vs run



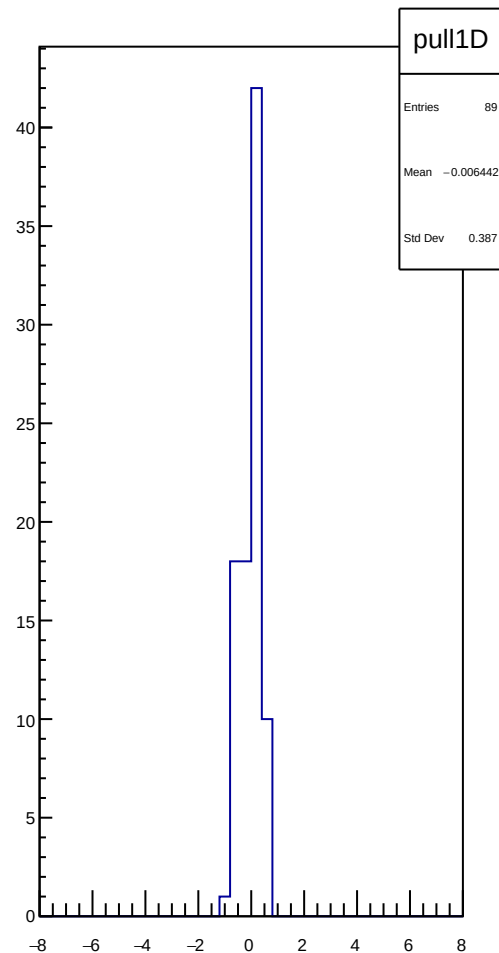
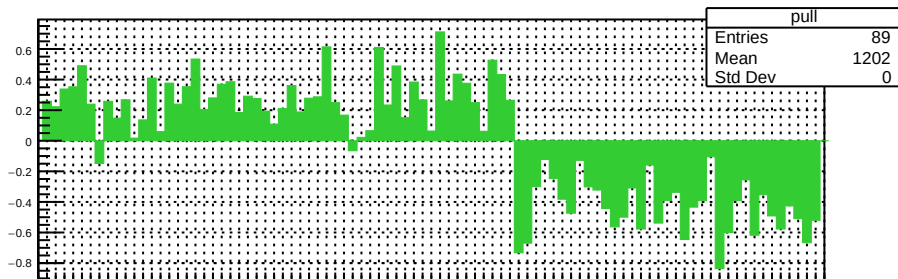
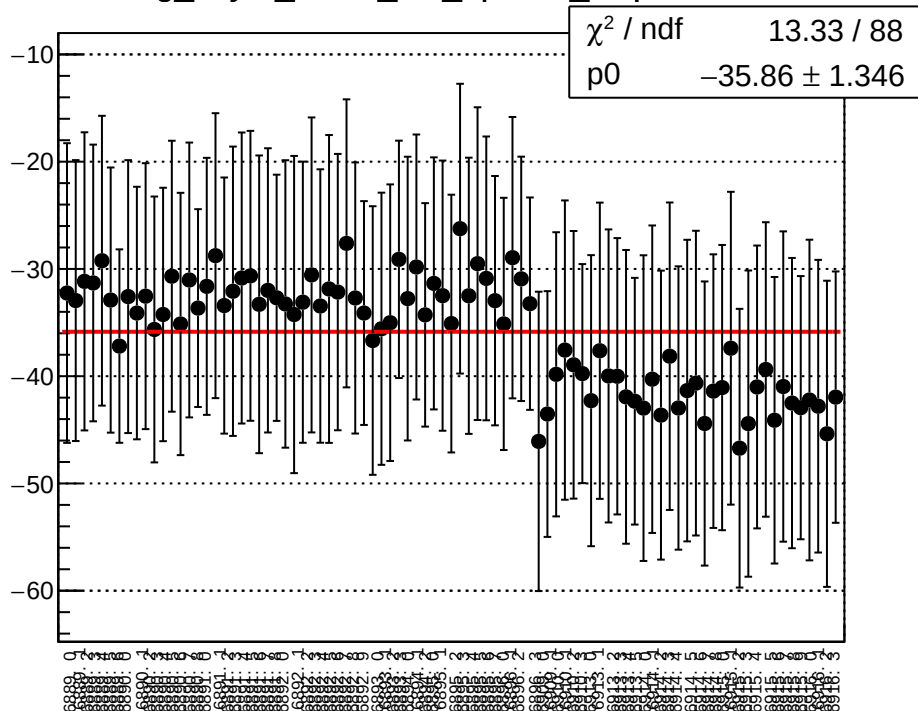
reg_asym_sam2_diff_bpm4eY_slope vs run



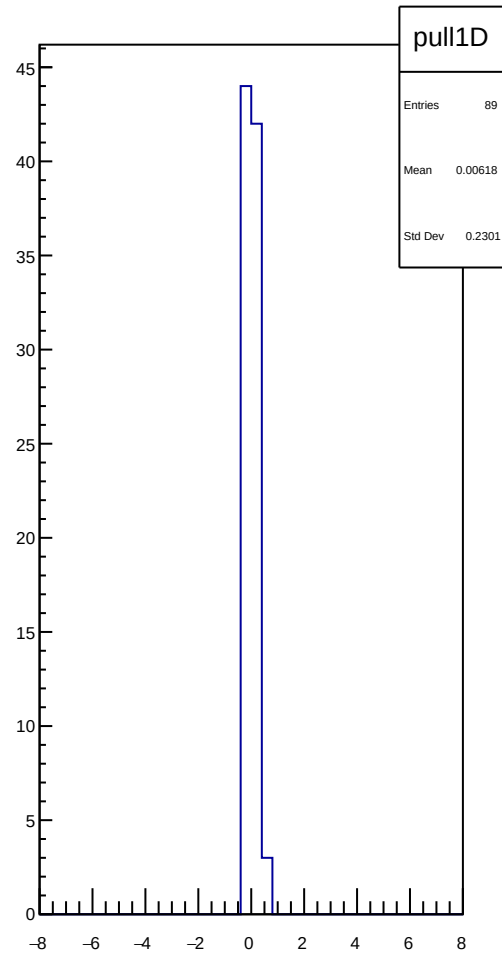
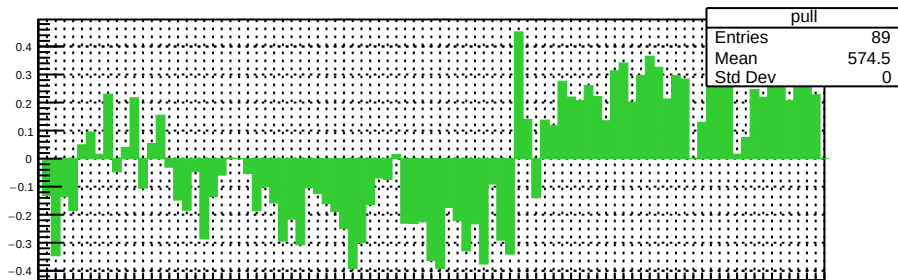
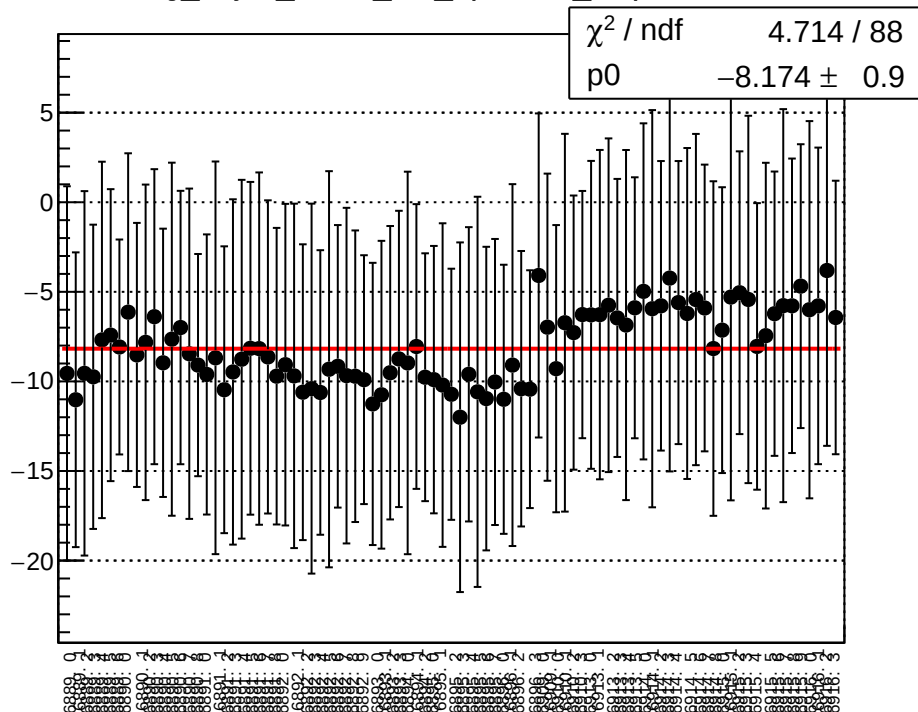
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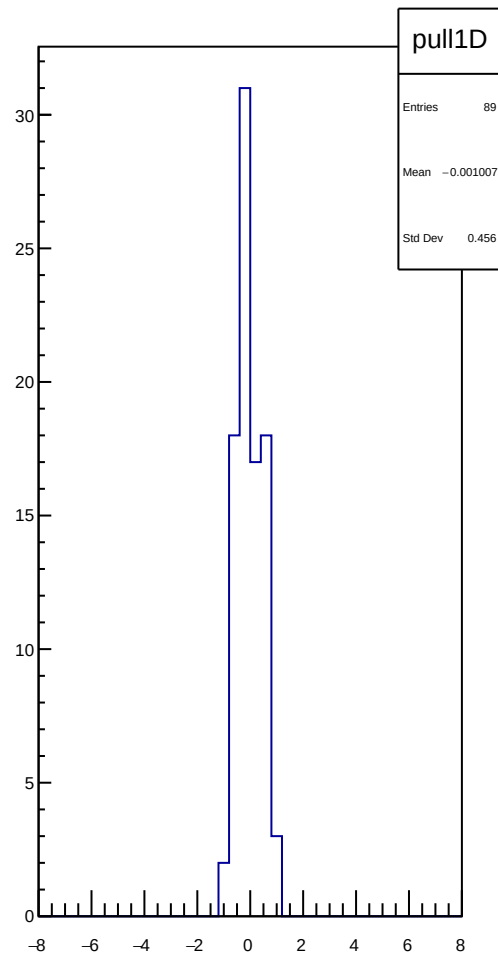
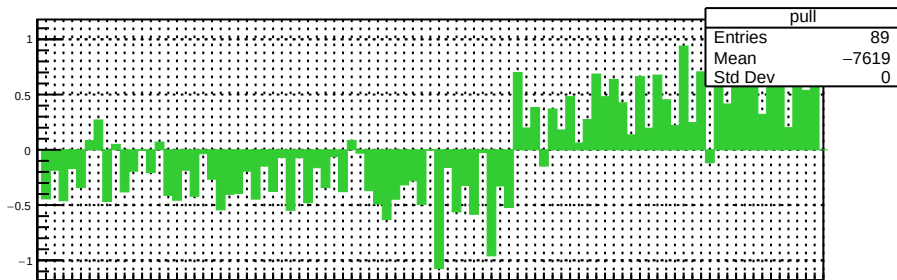
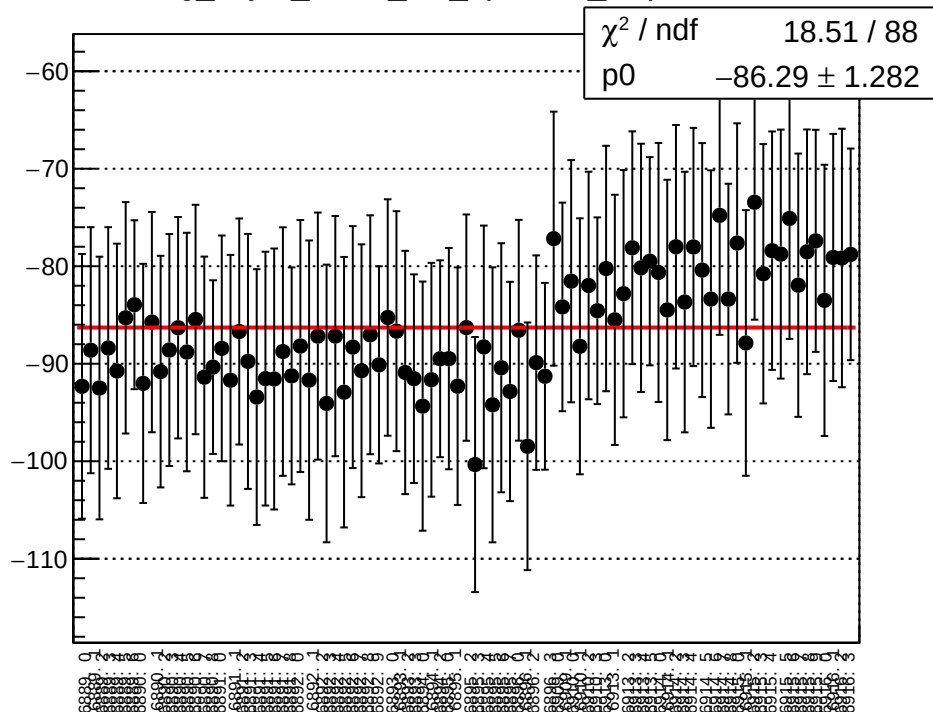
reg_asym_sam3_diff_bpm1X_slope vs run



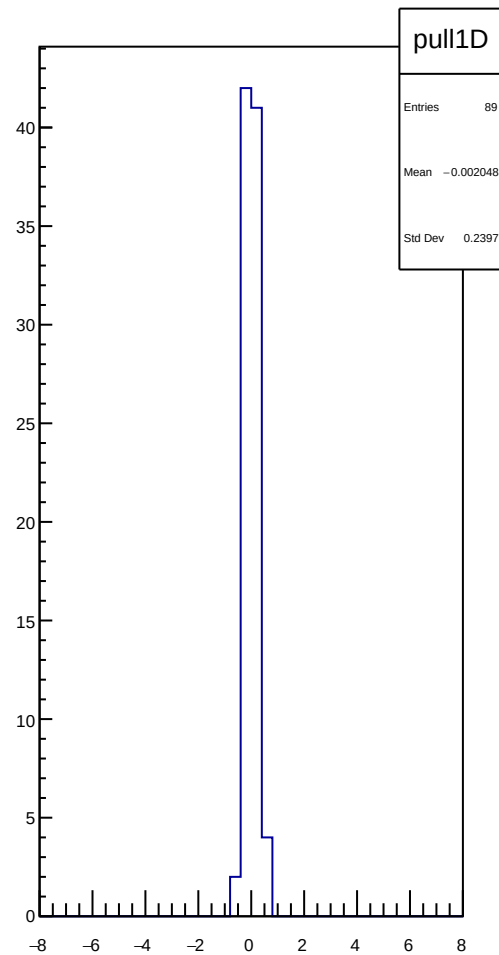
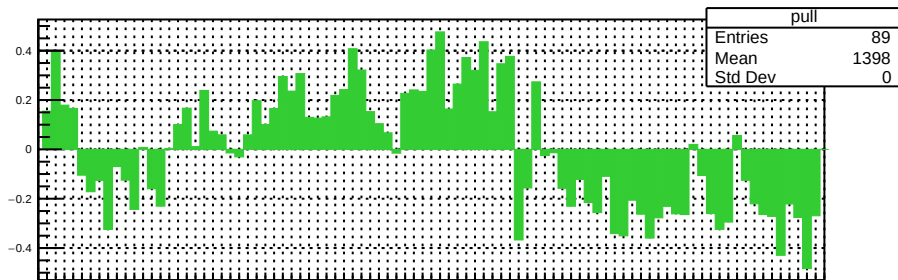
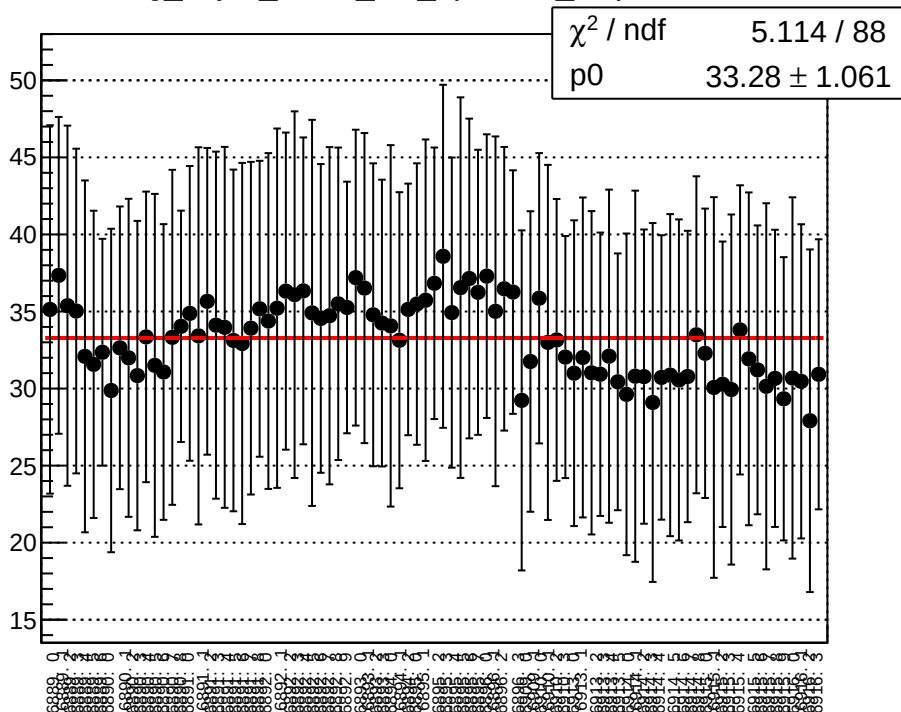
reg_asym_sam3_diff_bpm4aY_slope vs run



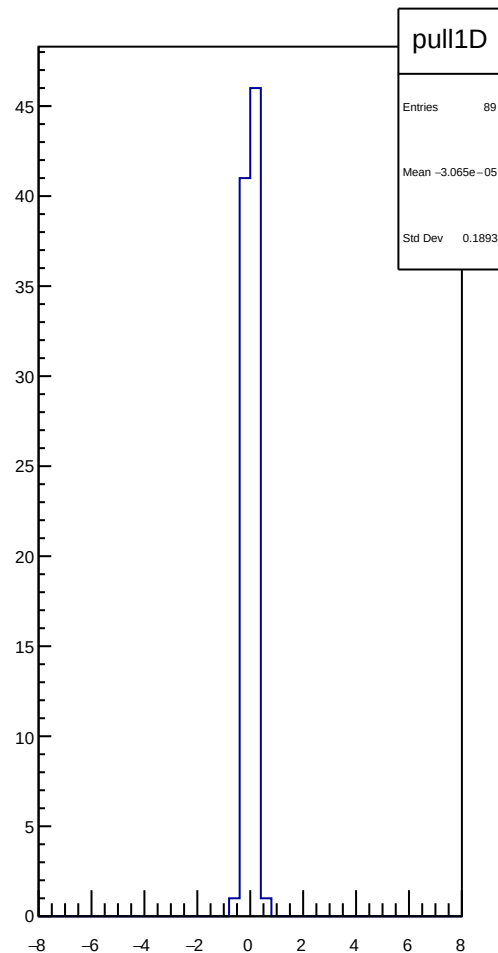
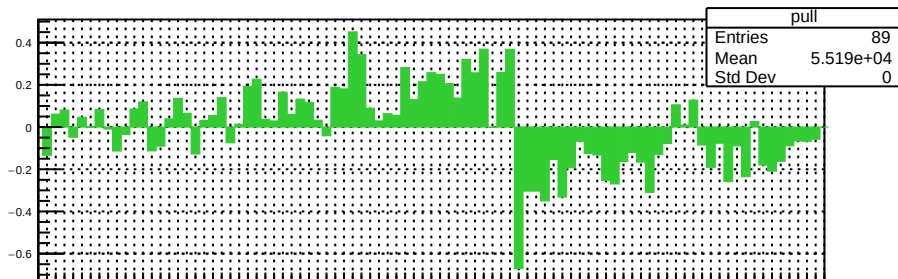
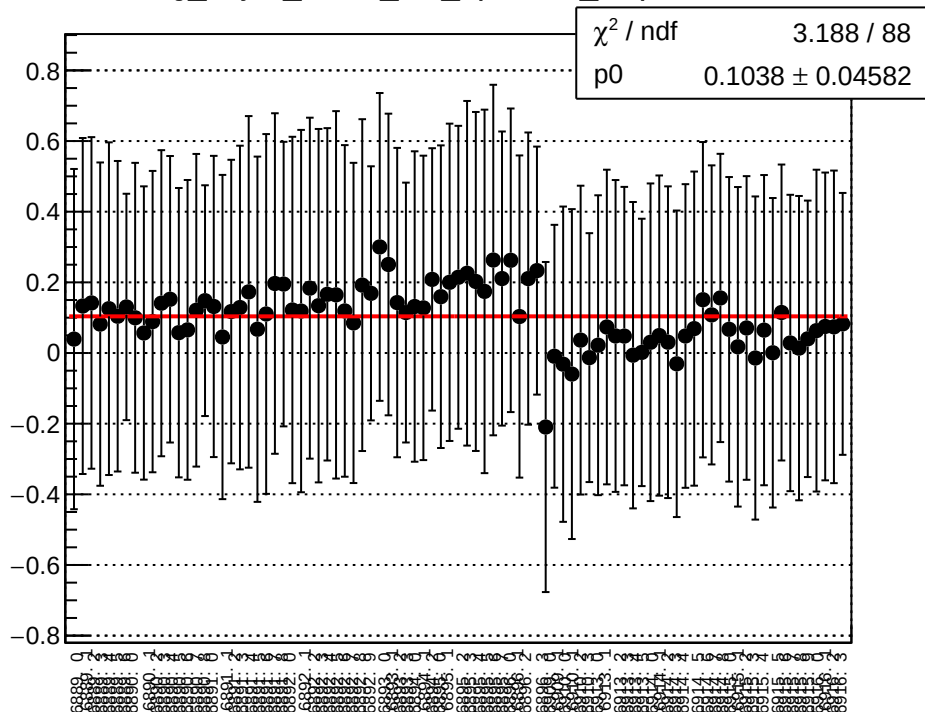
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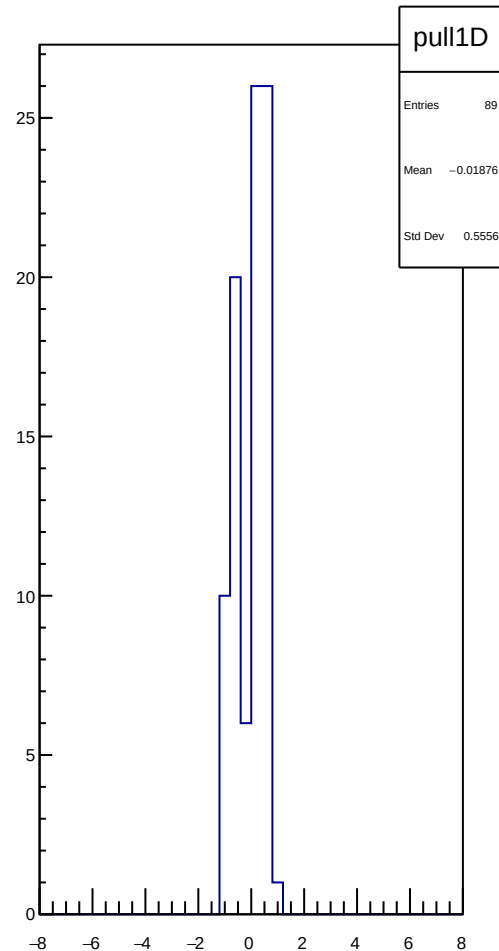
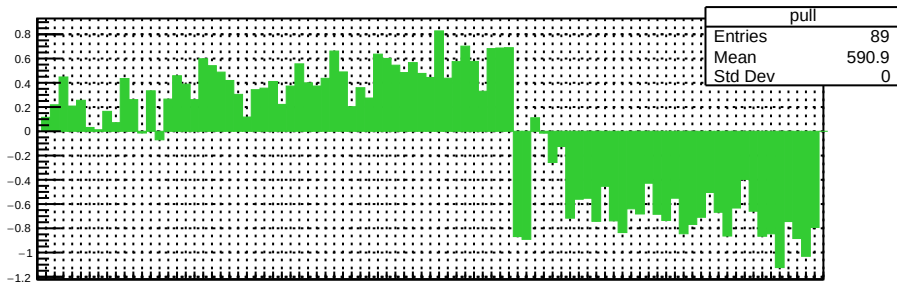
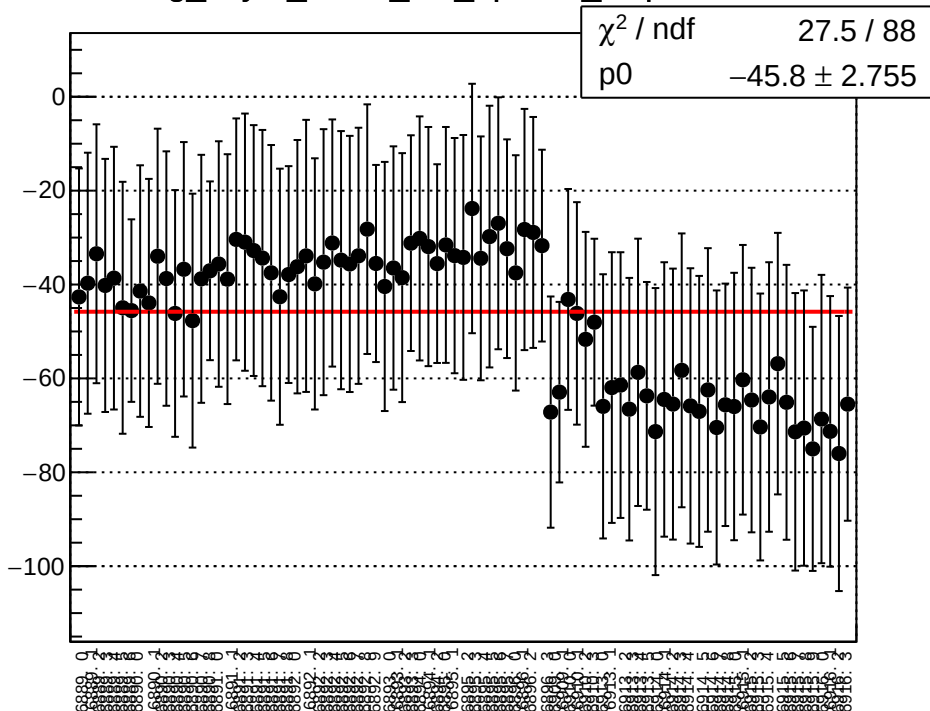
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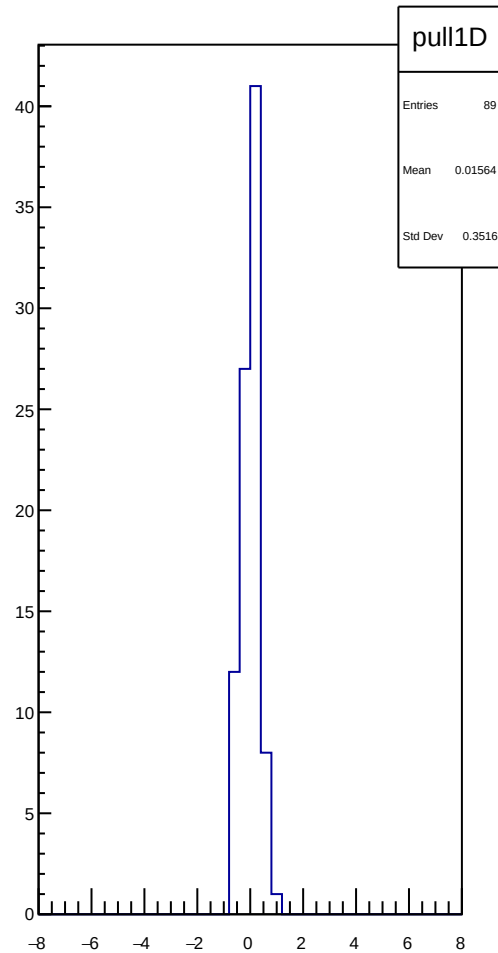
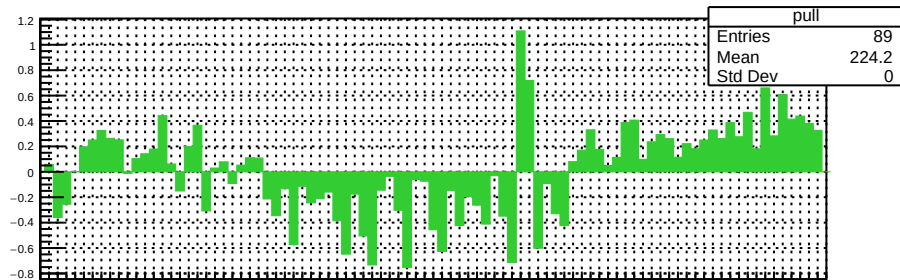
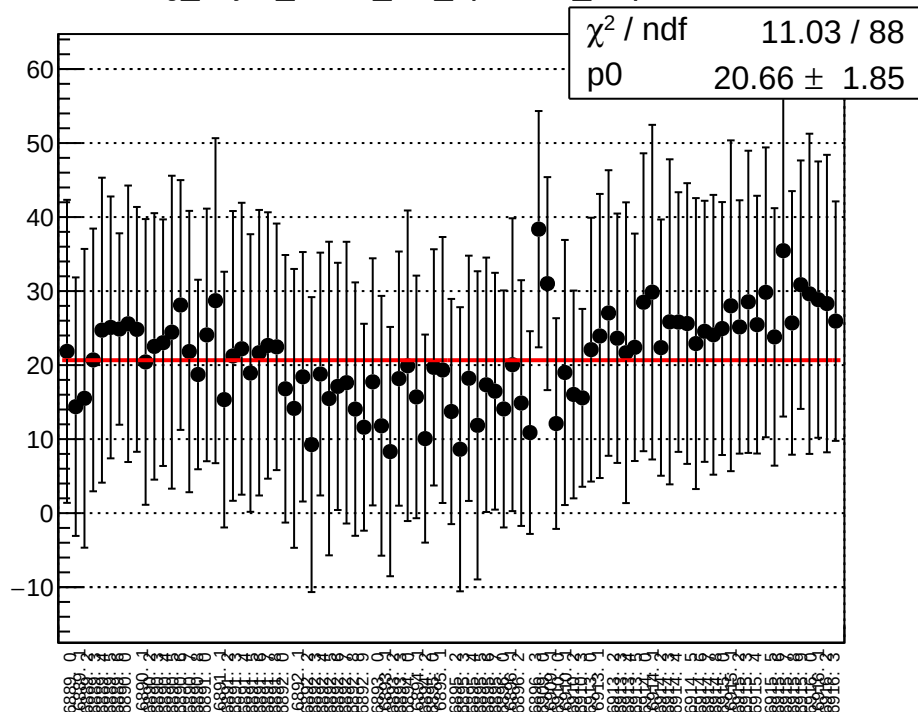
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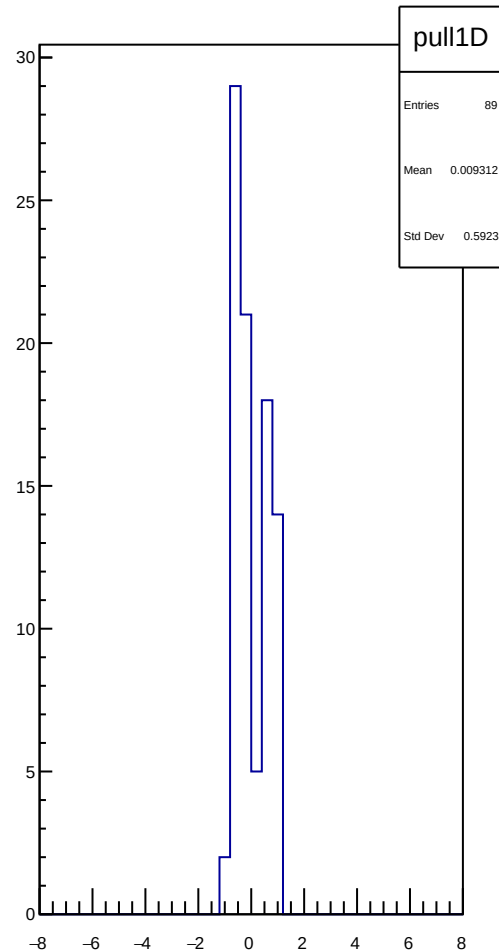
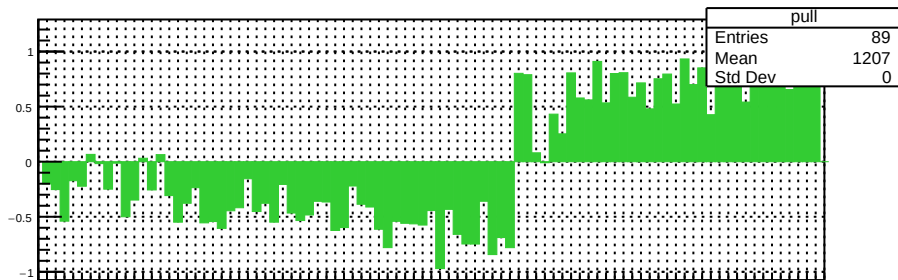
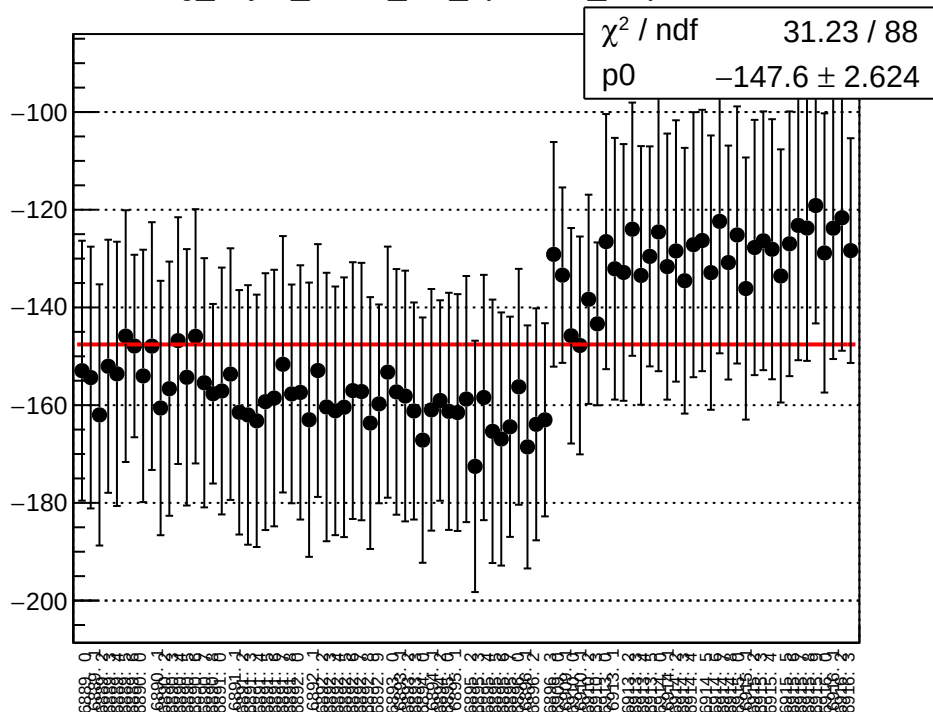
reg_asym_sam4_diff_bpm1X_slope vs run



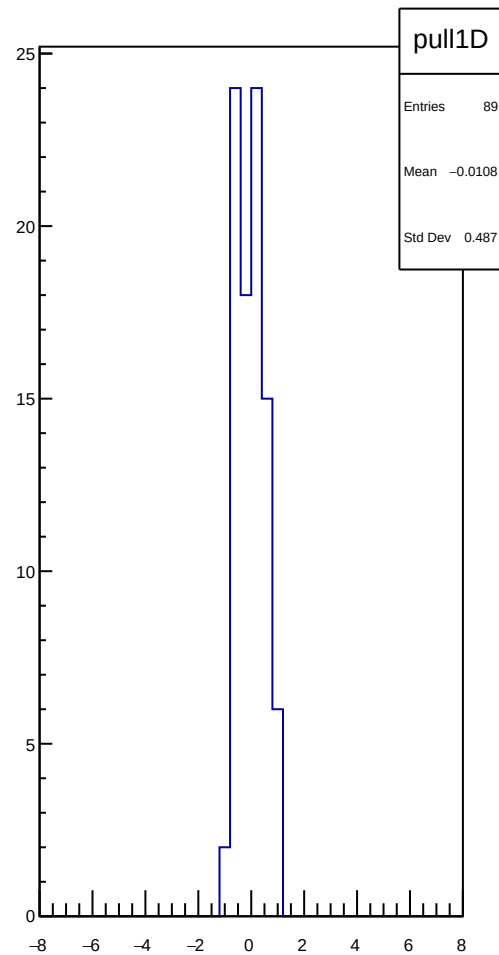
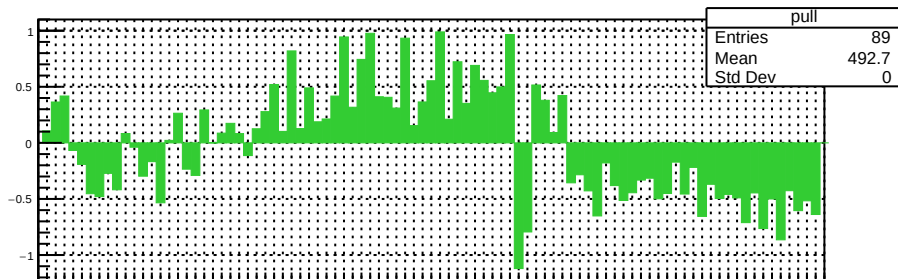
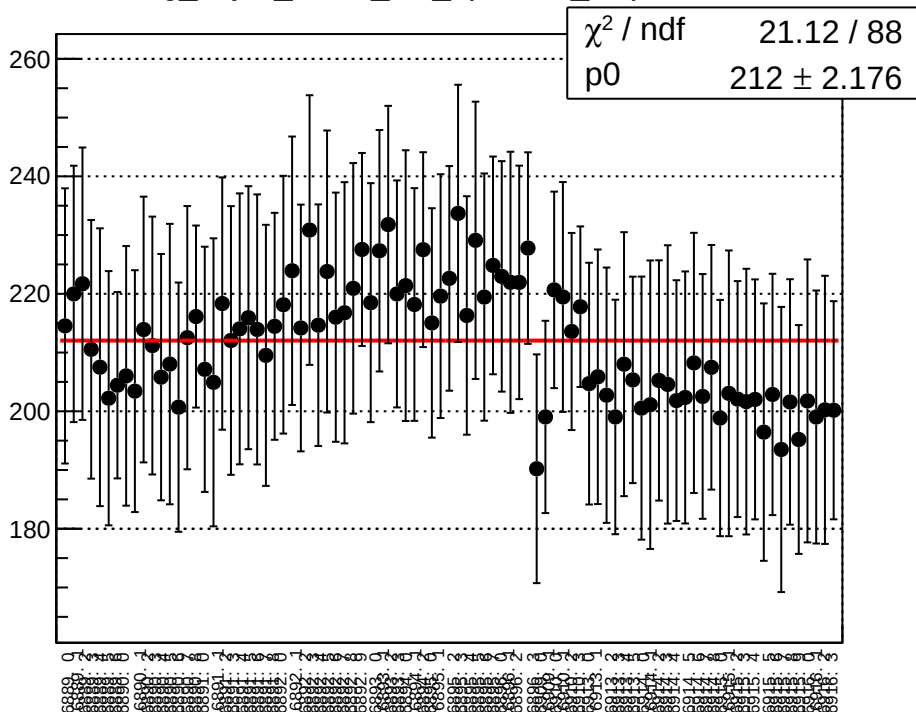
reg_asym_sam4_diff_bpm4aY_slope vs run



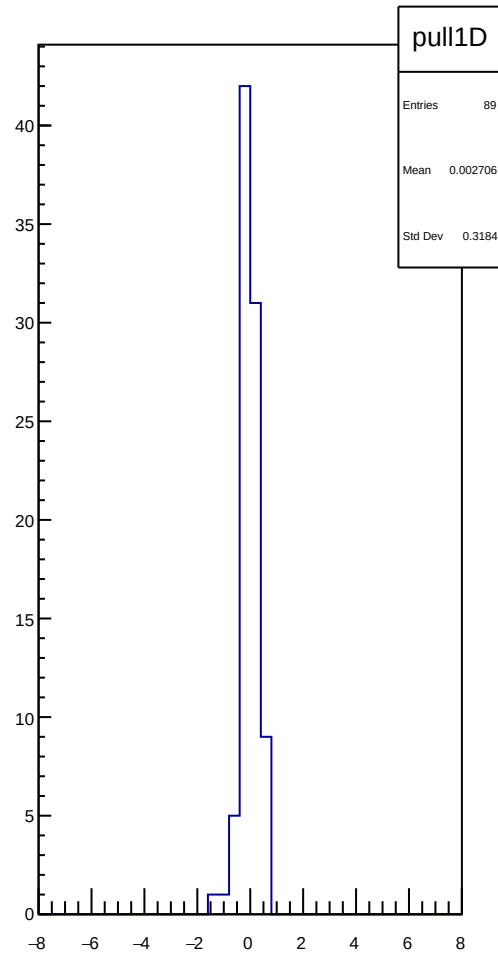
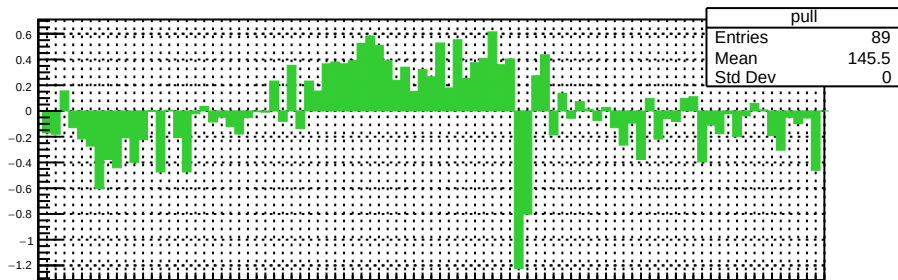
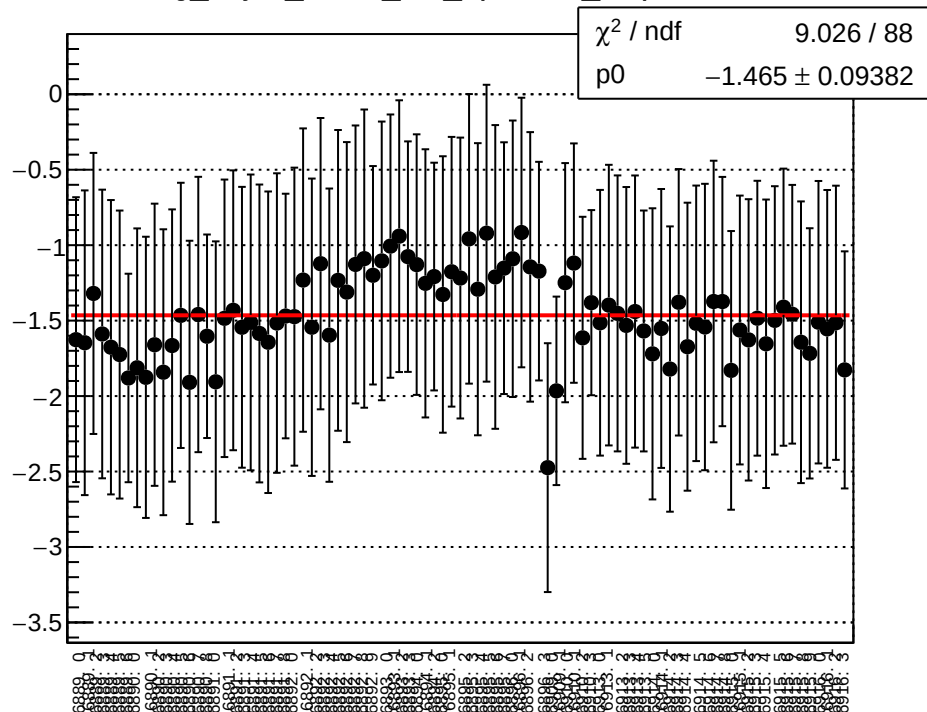
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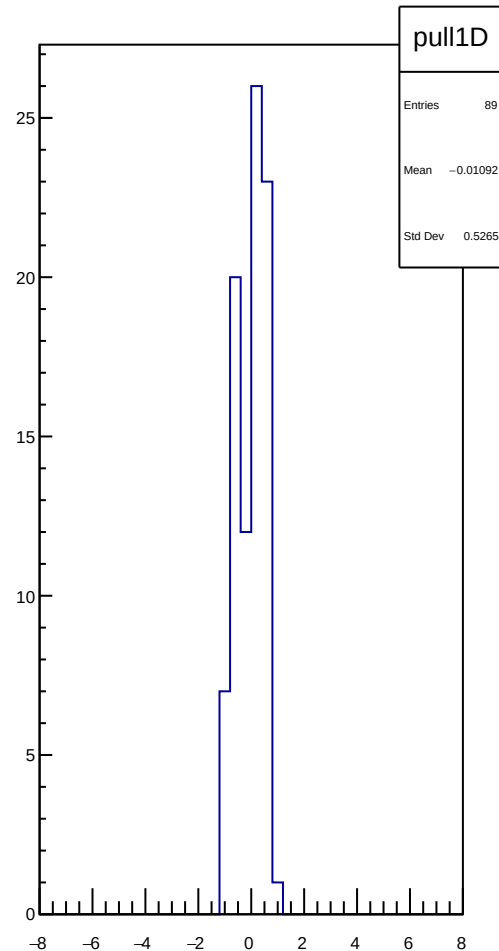
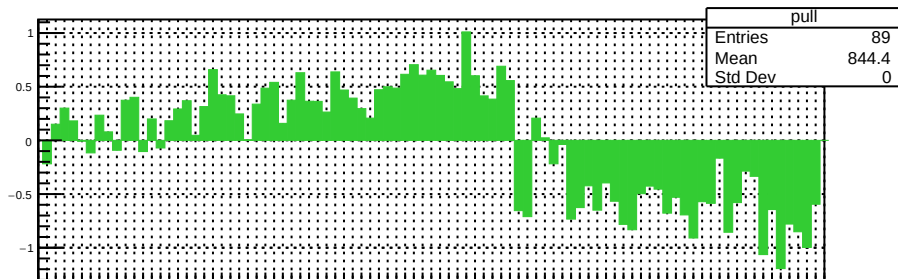
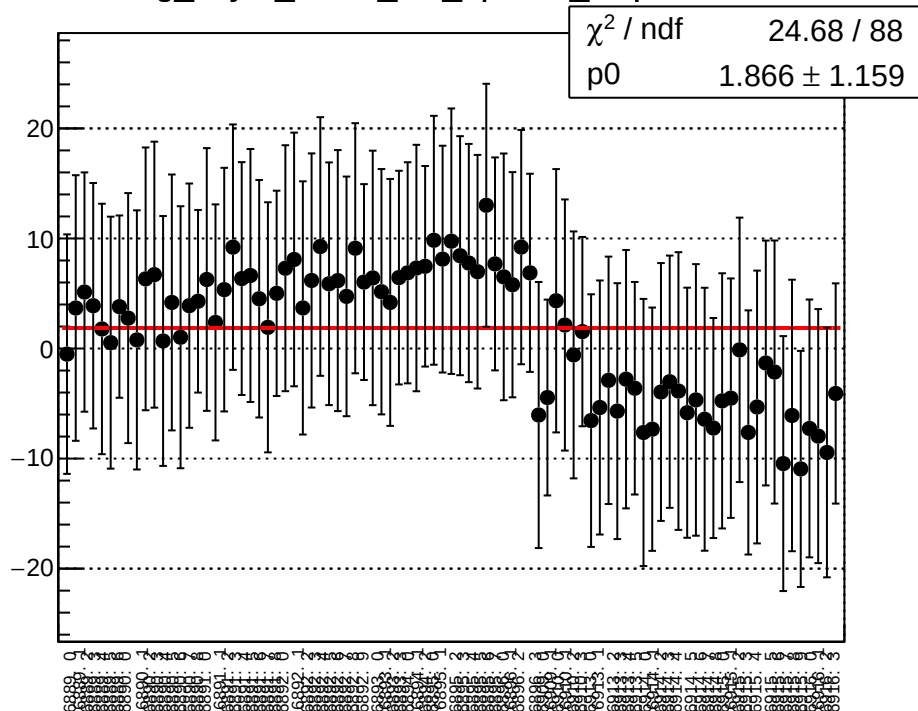
reg_asym_sam4_diff_bpm4eY_slope vs run



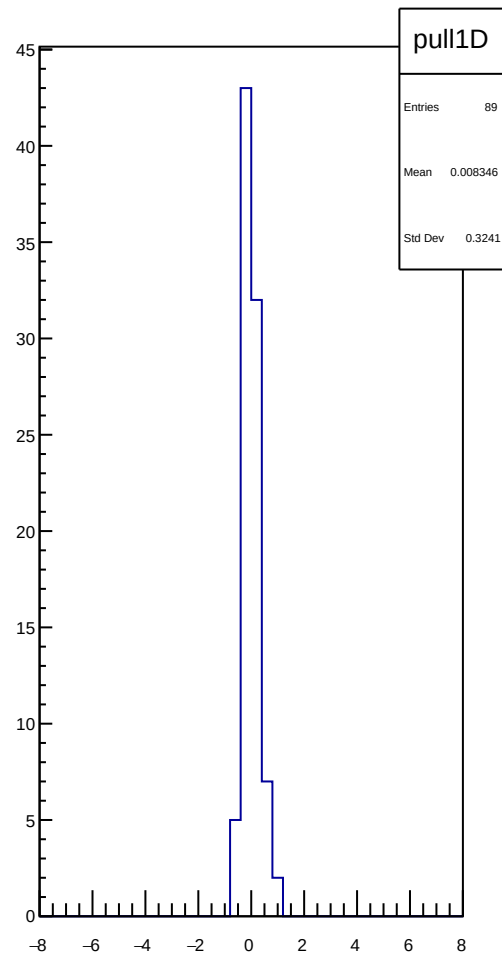
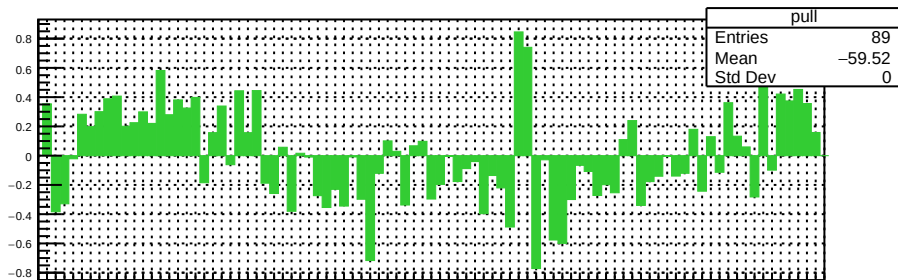
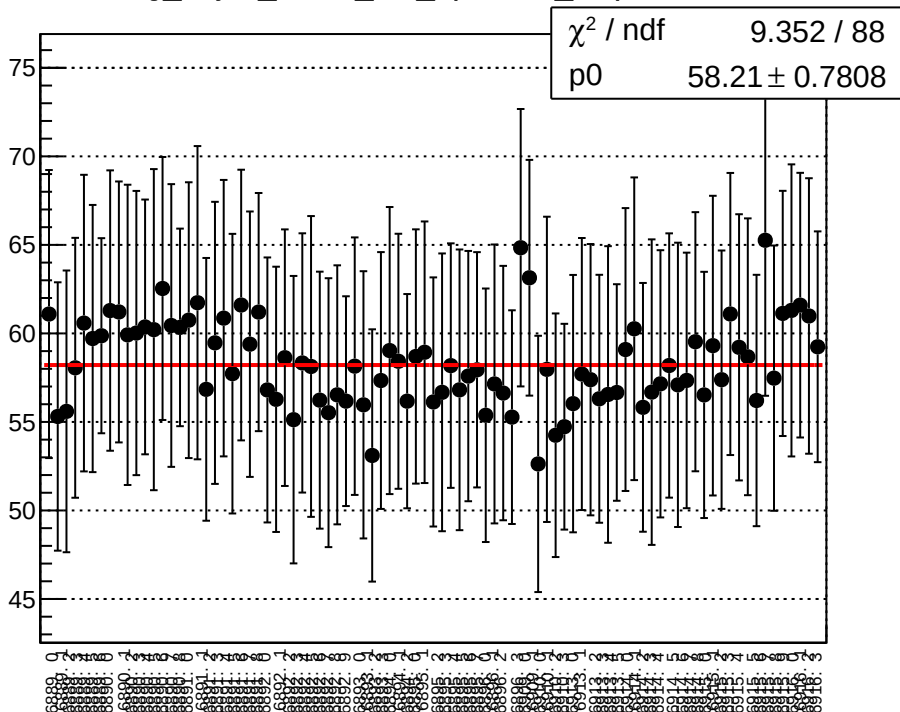
reg_asym_sam4_diff_bpm12X_slope vs run



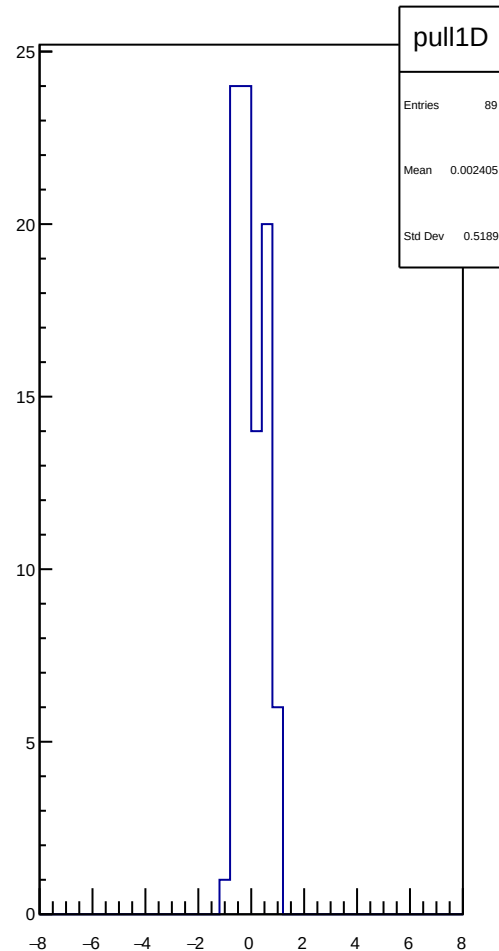
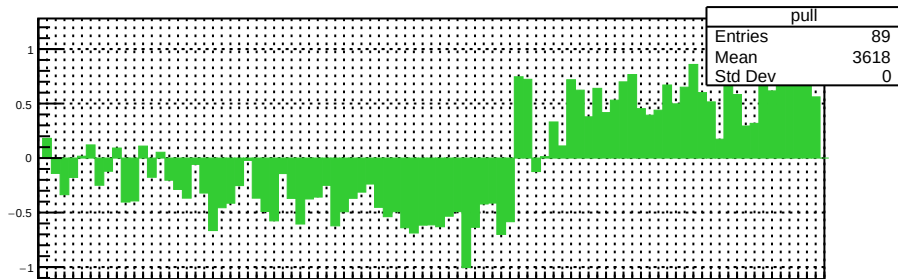
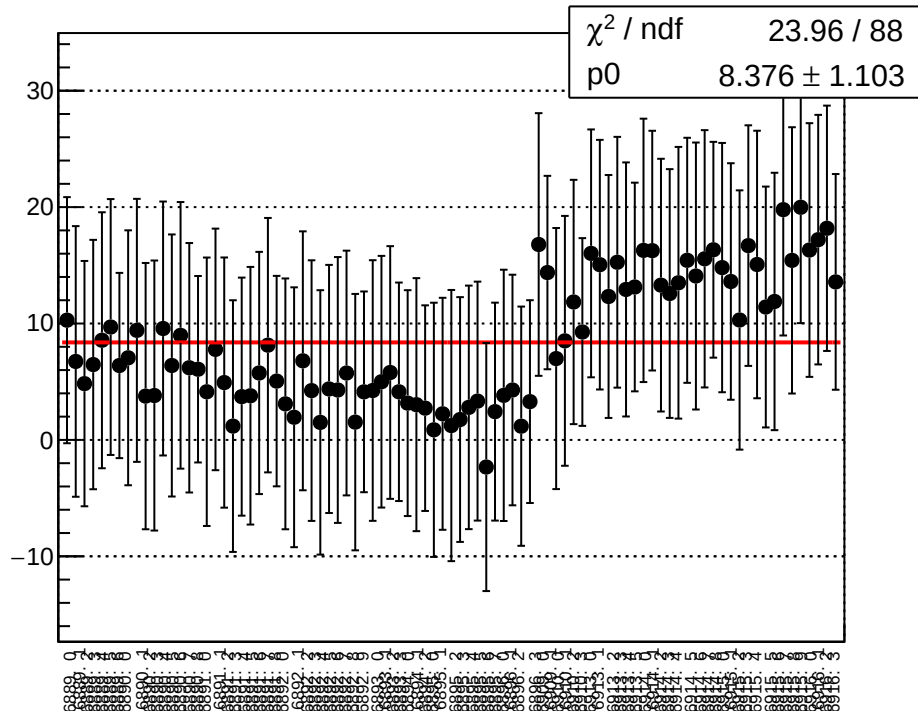
reg_asym_sam5_diff_bpm1X_slope vs run



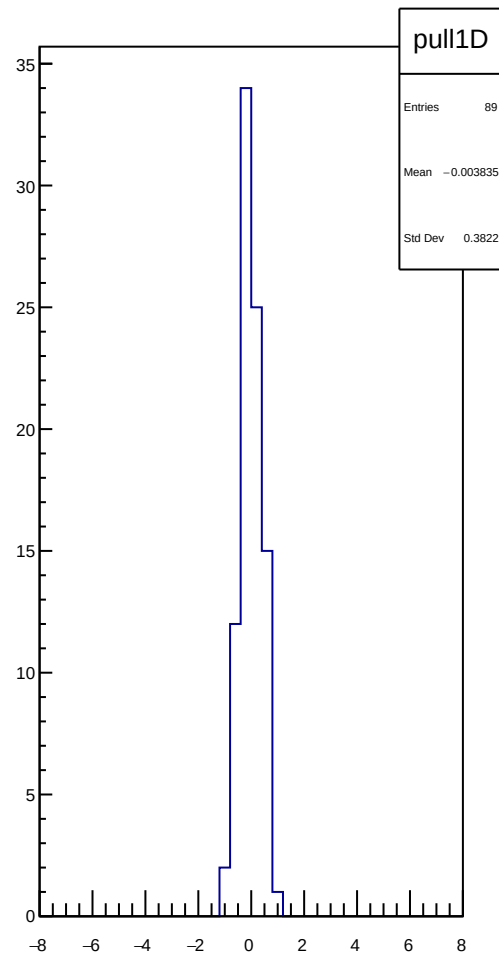
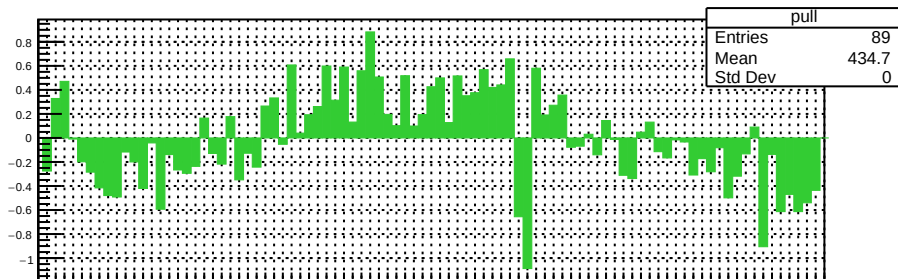
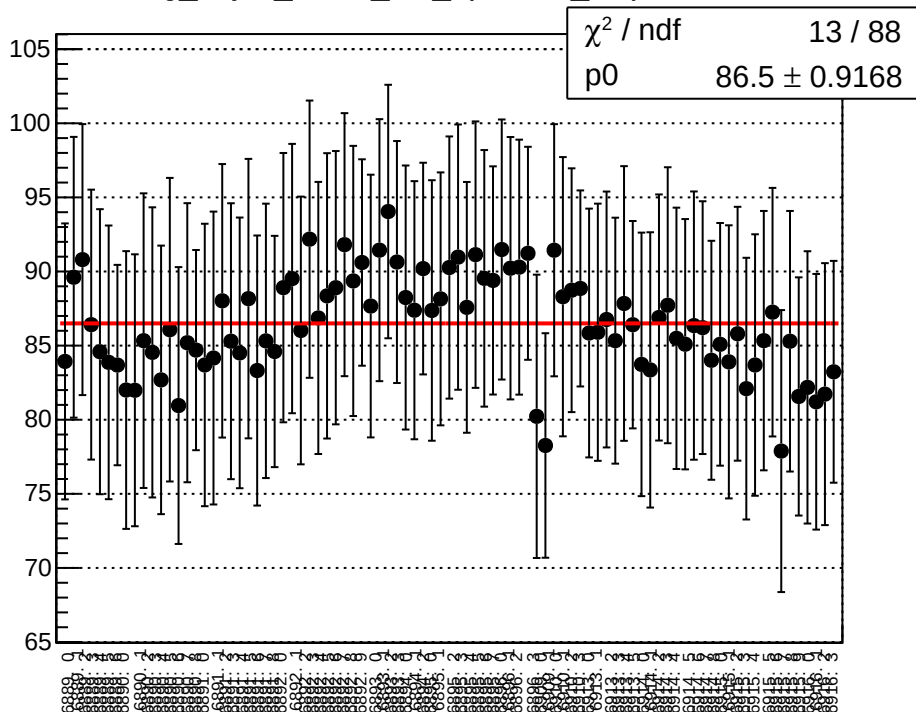
reg_asym_sam5_diff_bpm4aY_slope vs run



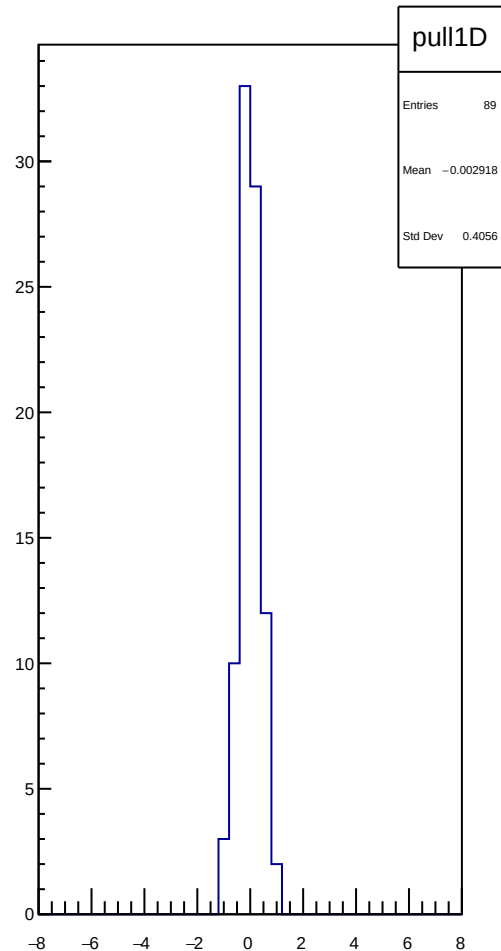
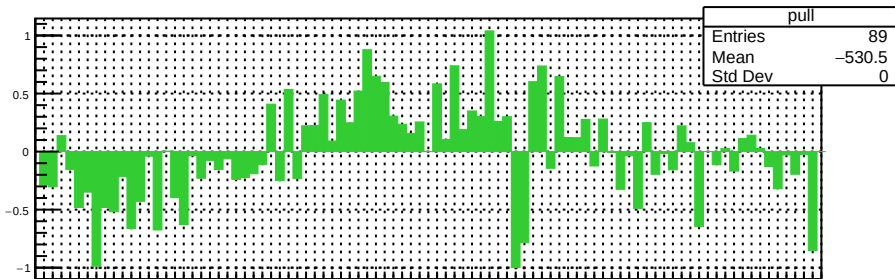
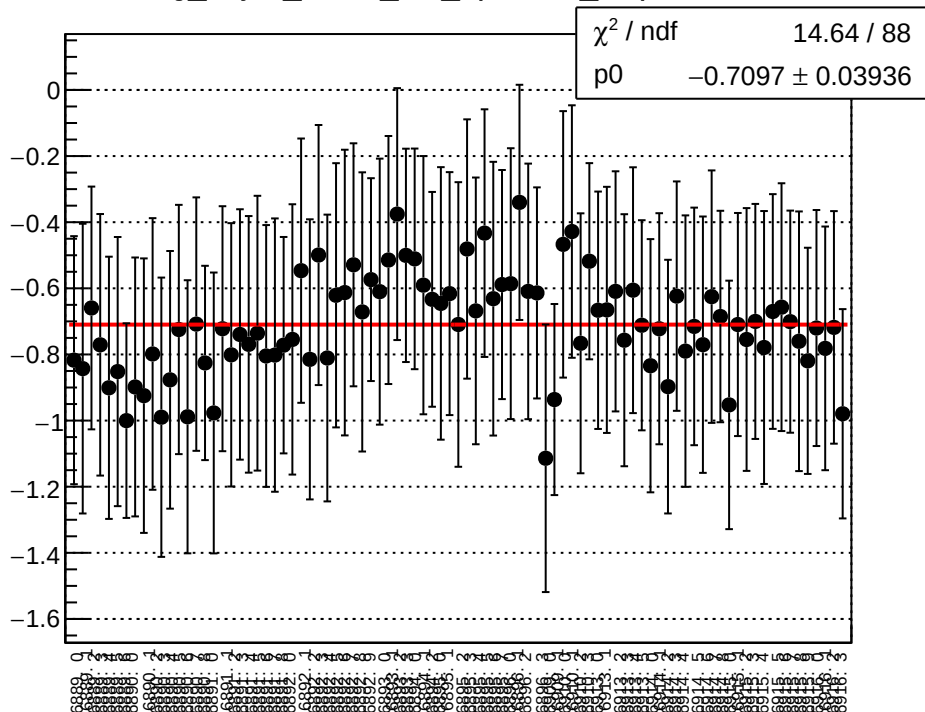
reg_asym_sam5_diff_bpm4eX_slope vs run



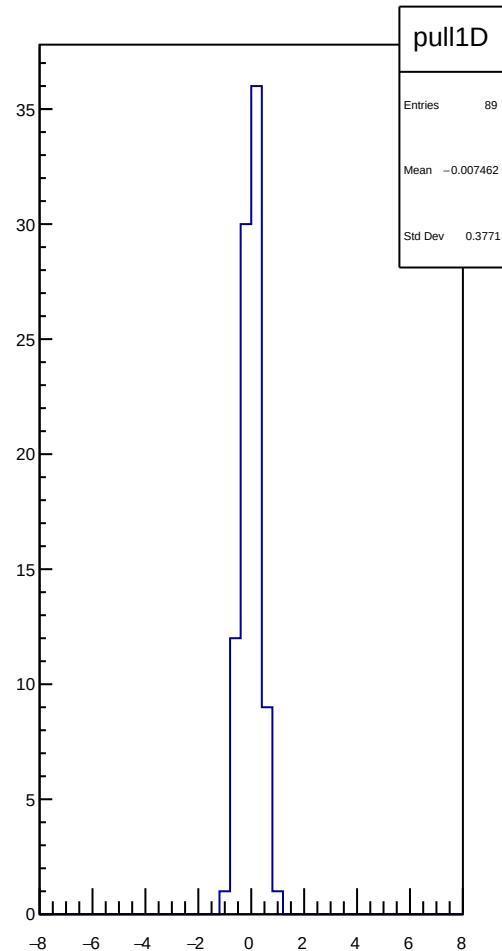
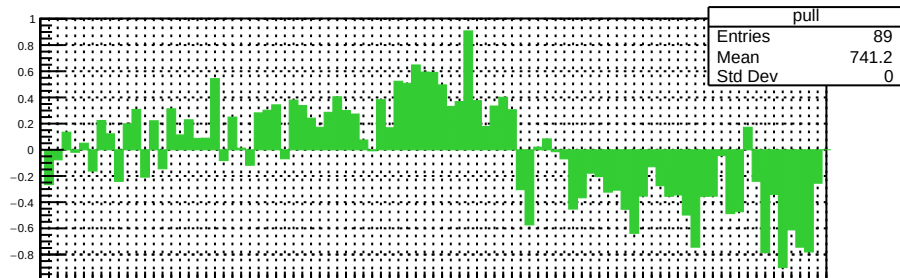
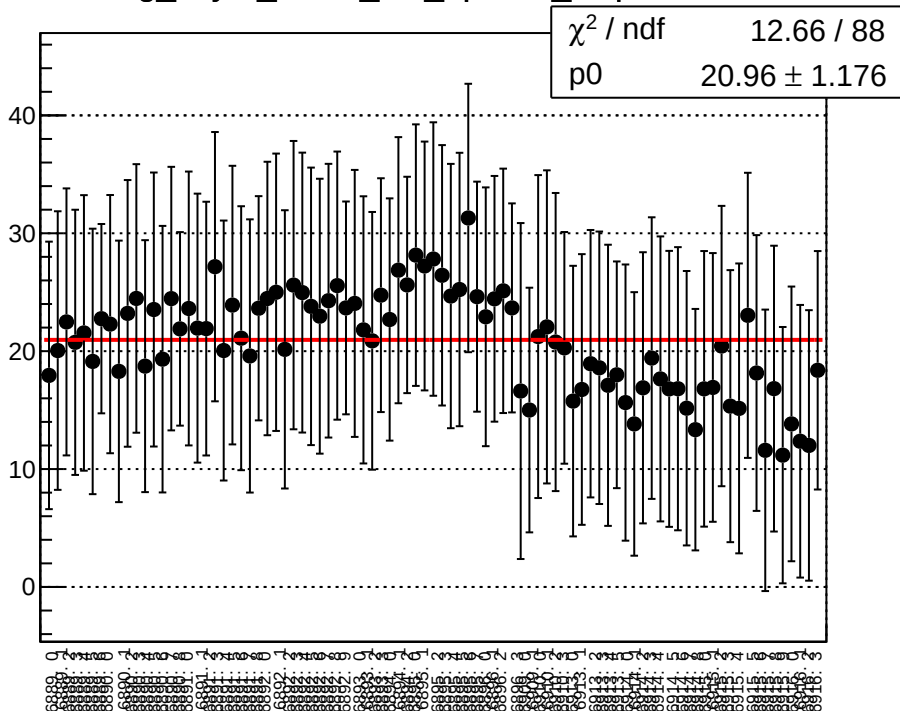
reg_asym_sam5_diff_bpm4eY_slope vs run



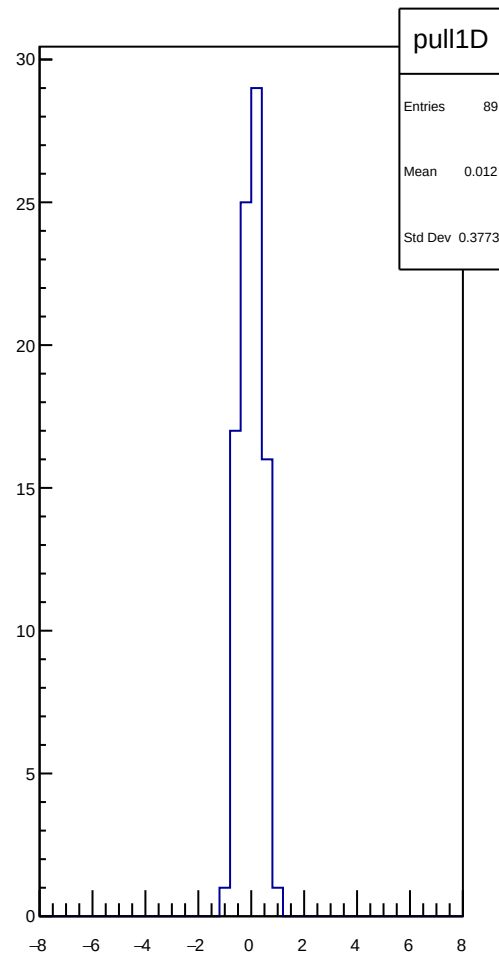
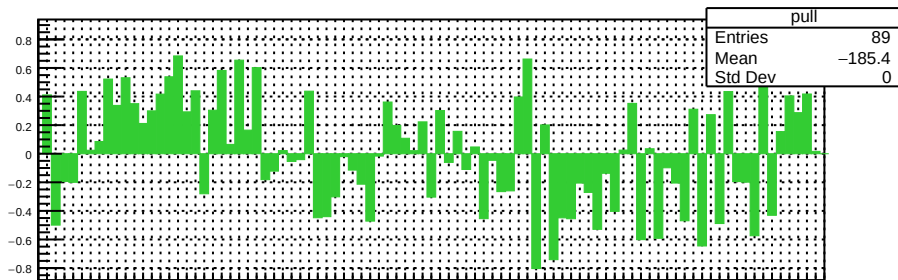
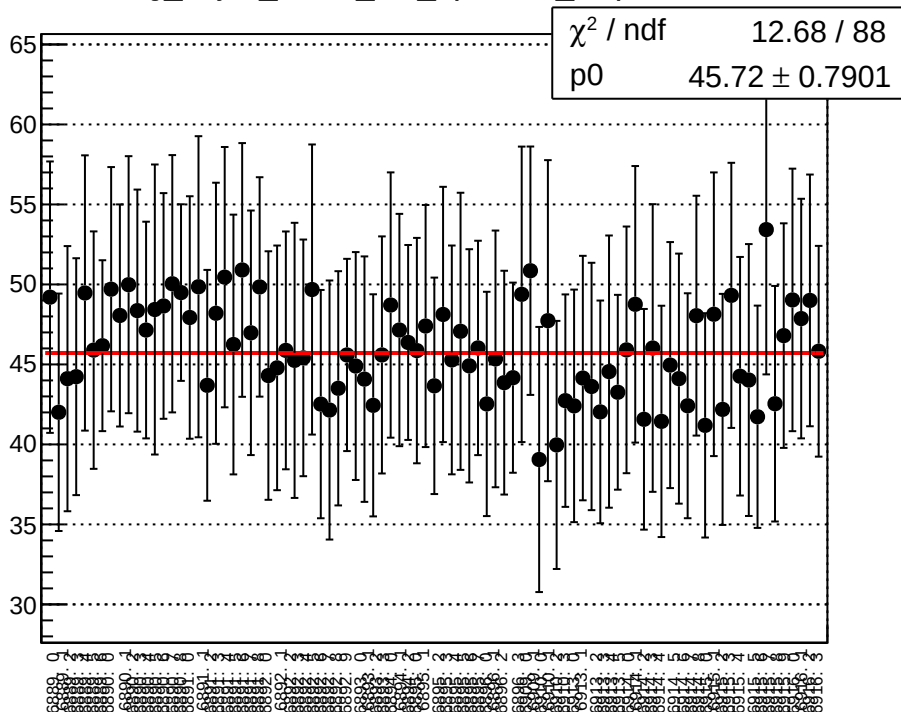
reg_asym_sam5_diff_bpm12X_slope vs run



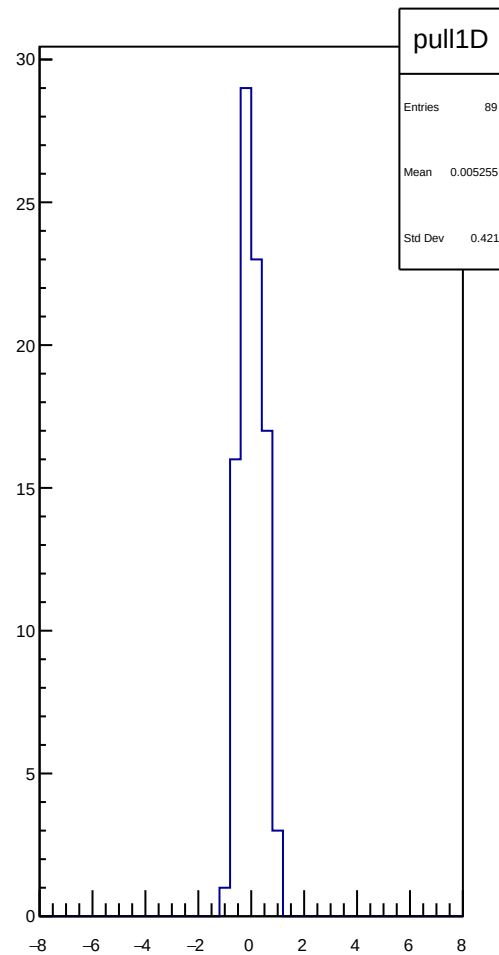
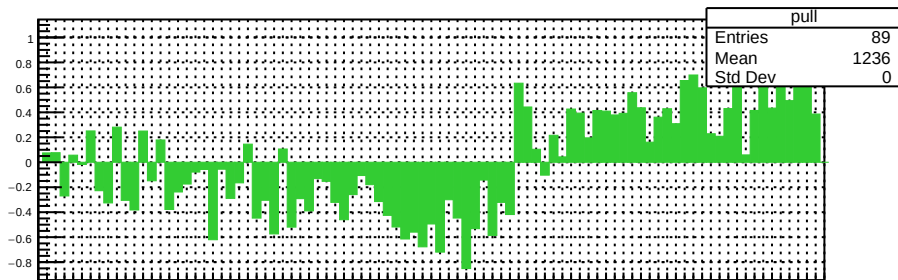
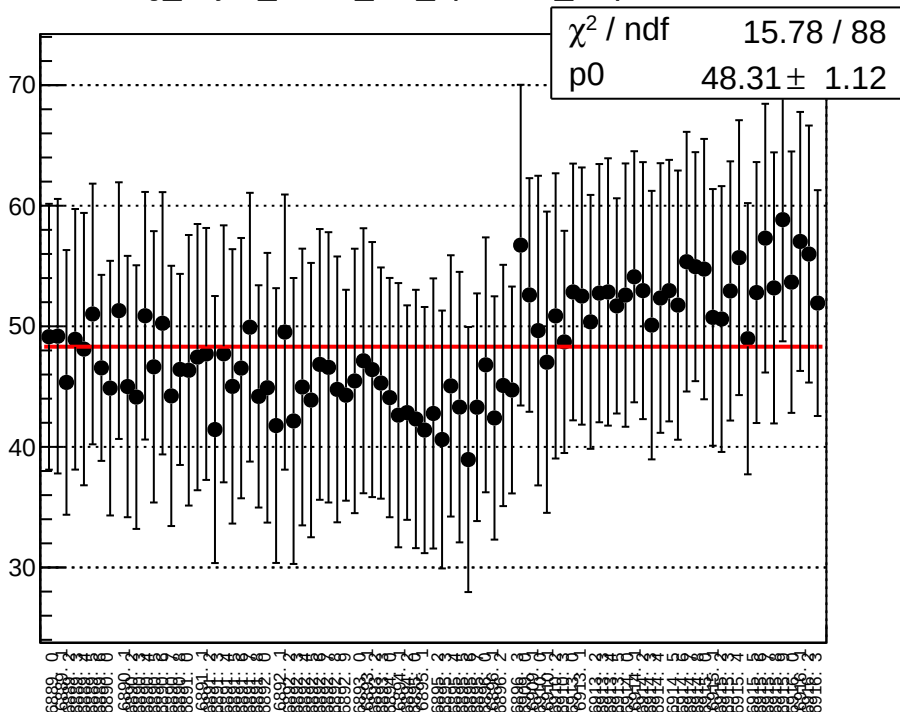
reg_asym_sam6_diff_bpm1X_slope vs run



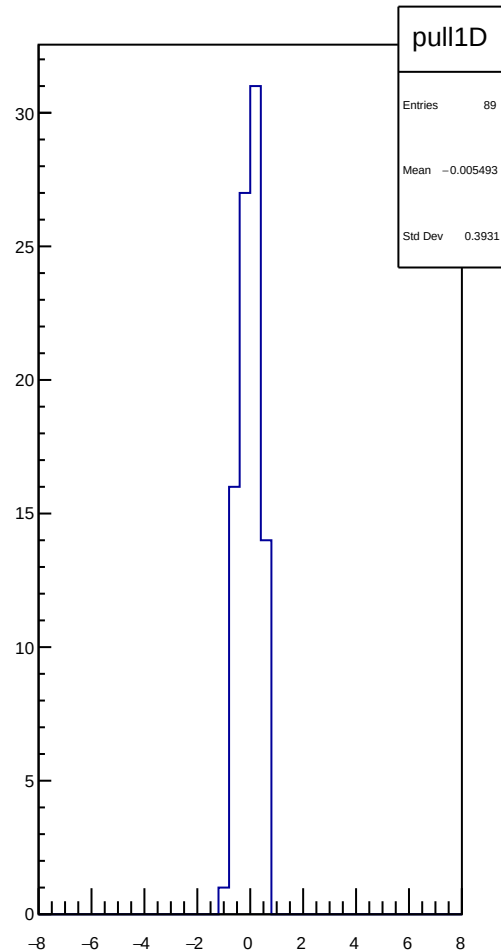
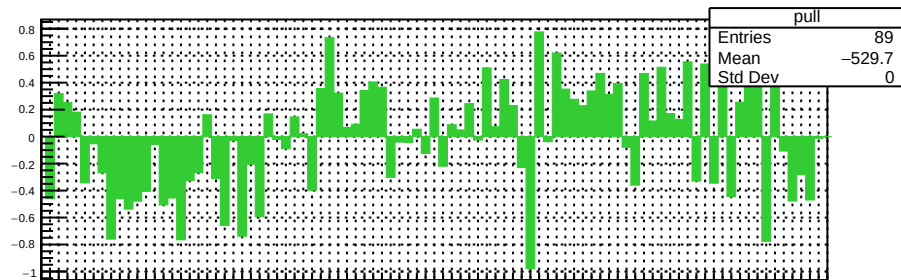
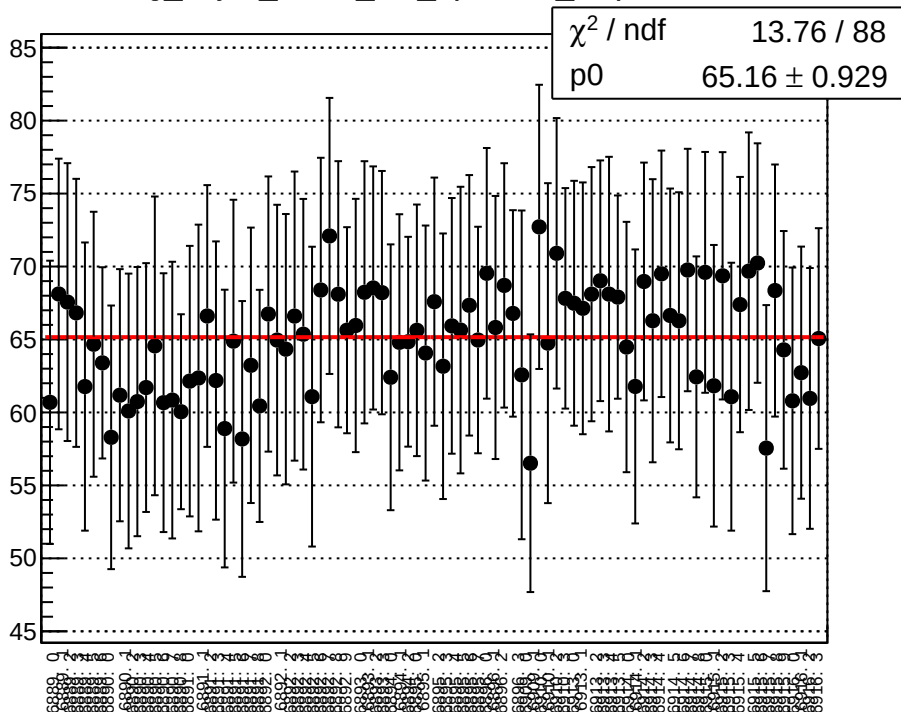
reg_asym_sam6_diff_bpm4aY_slope vs run



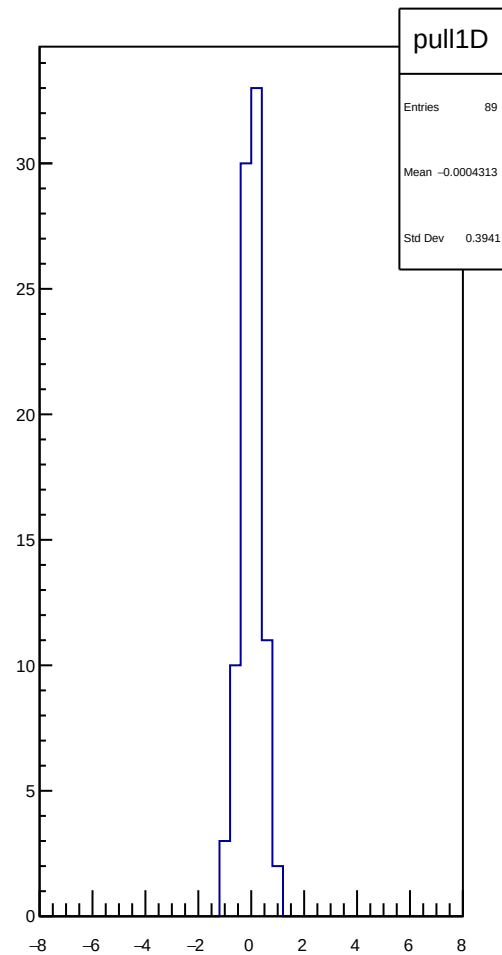
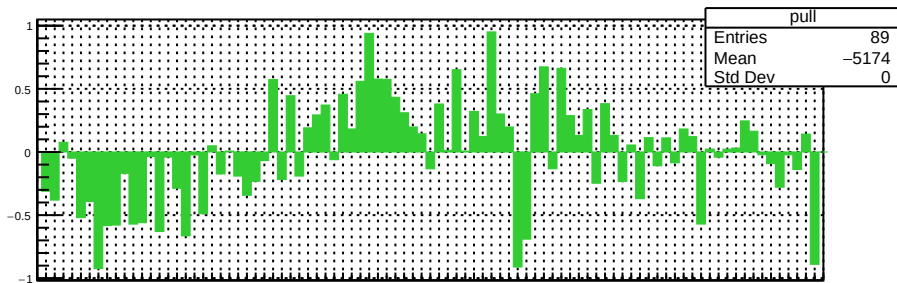
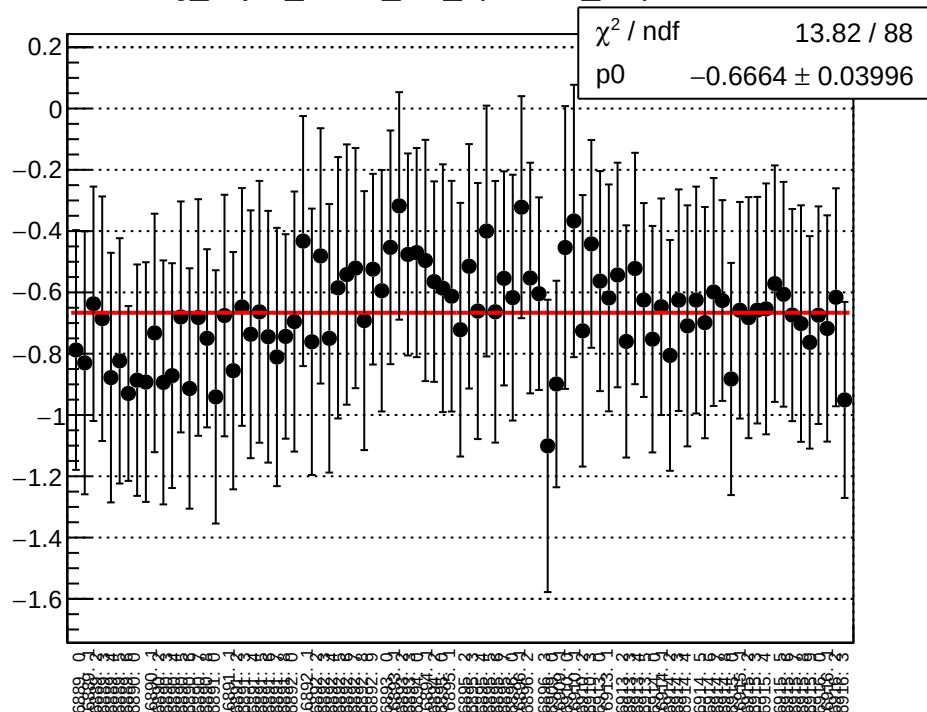
reg_asym_sam6_diff_bpm4eX_slope vs run



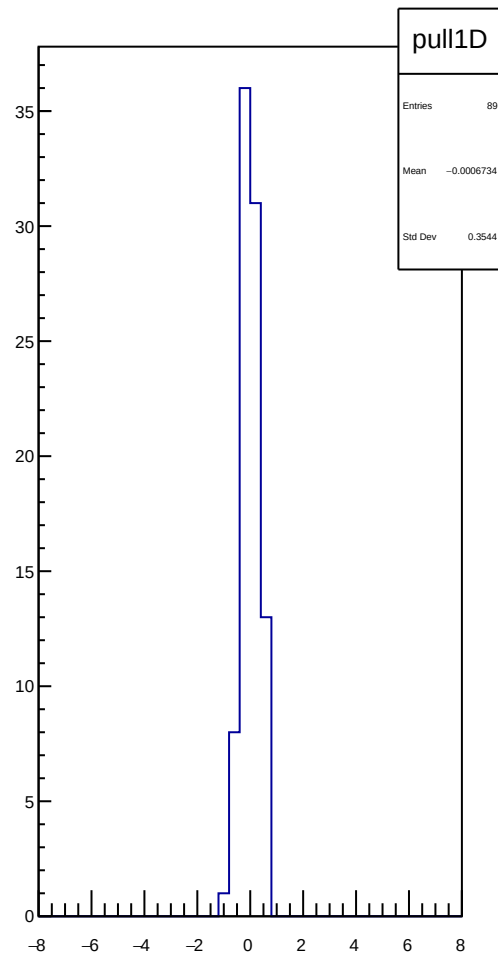
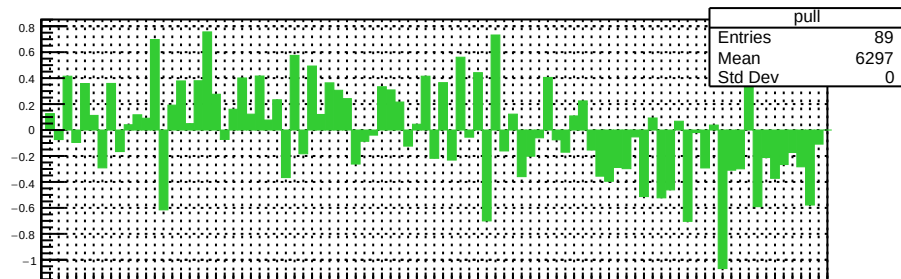
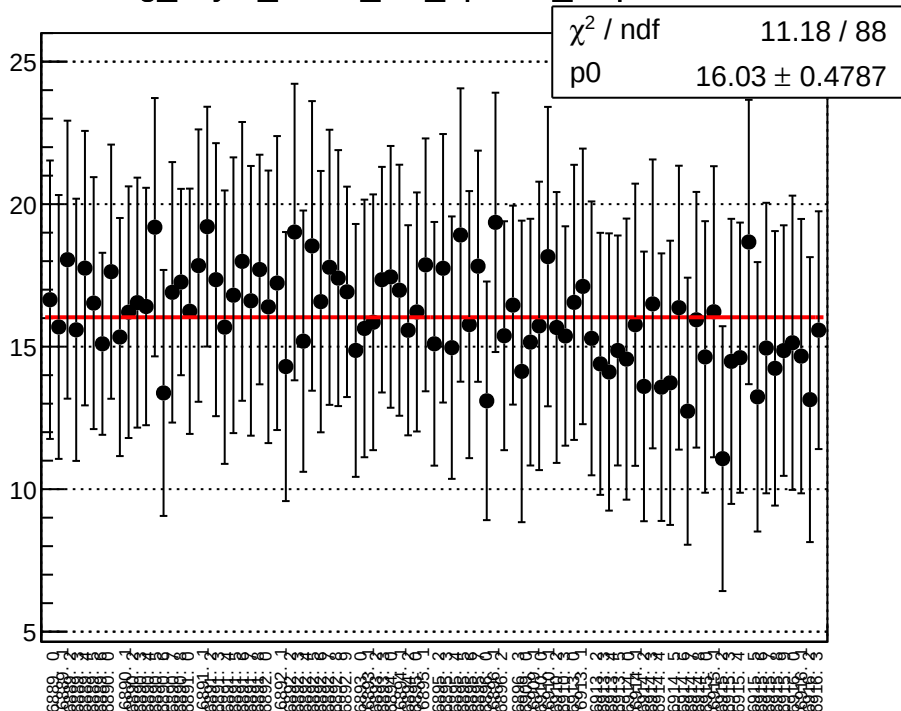
reg_asym_sam6_diff_bpm4eY_slope vs run



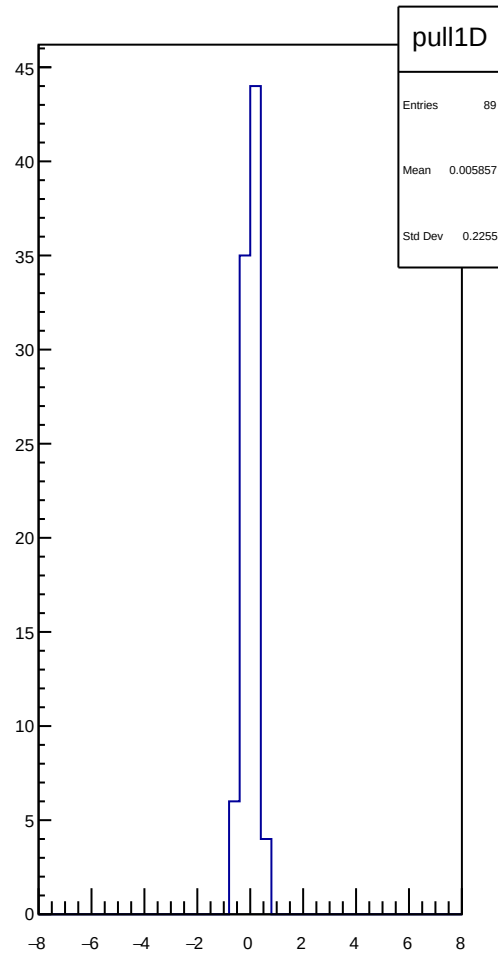
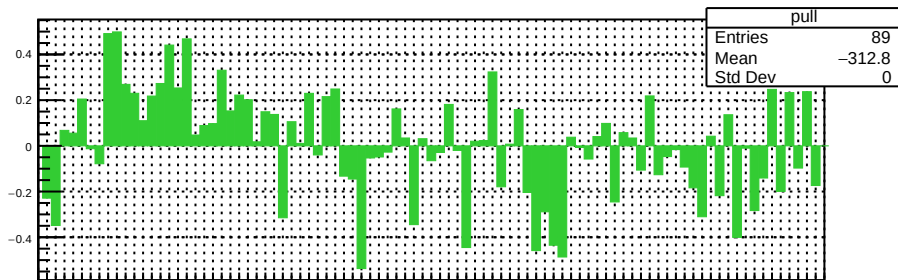
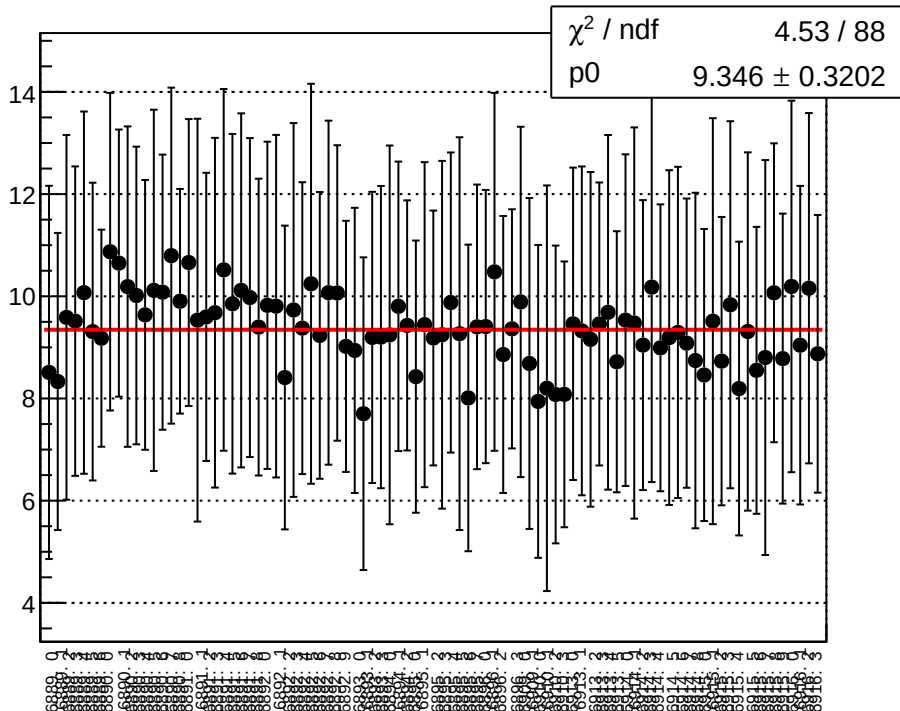
reg_asym_sam6_diff_bpm12X_slope vs run



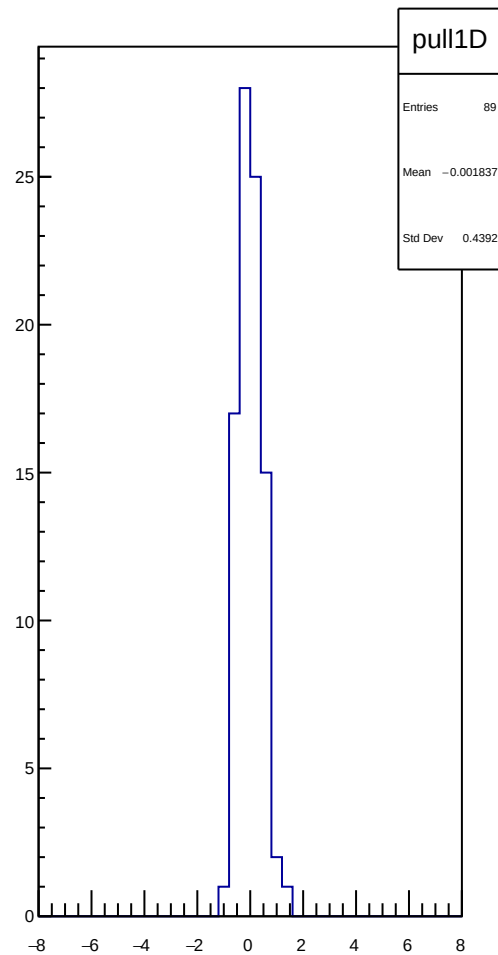
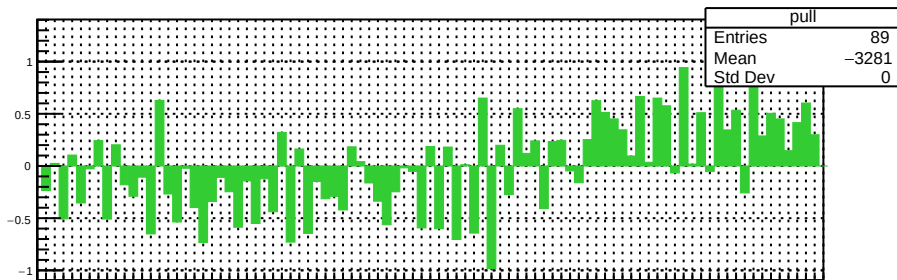
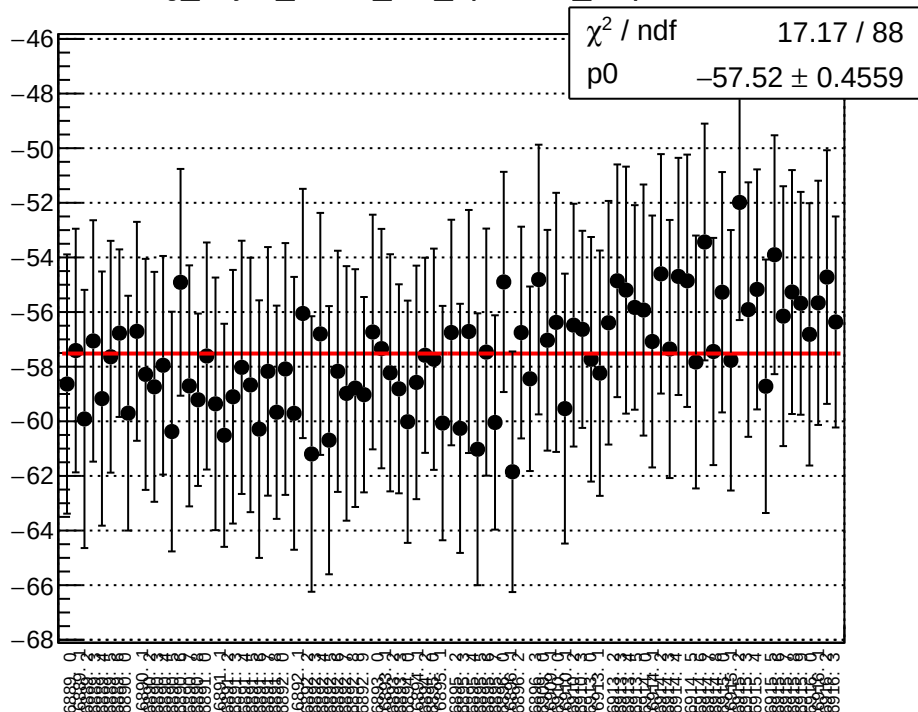
reg_asym_sam7_diff_bpm1X_slope vs run



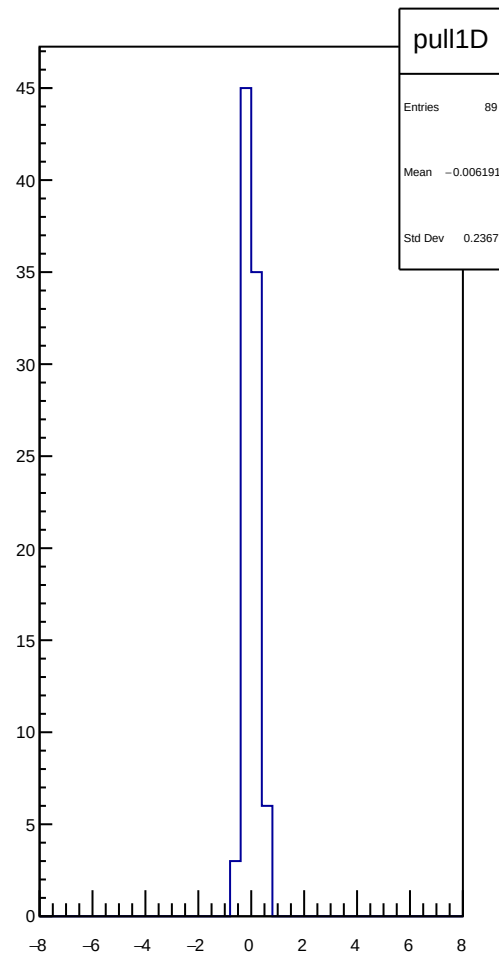
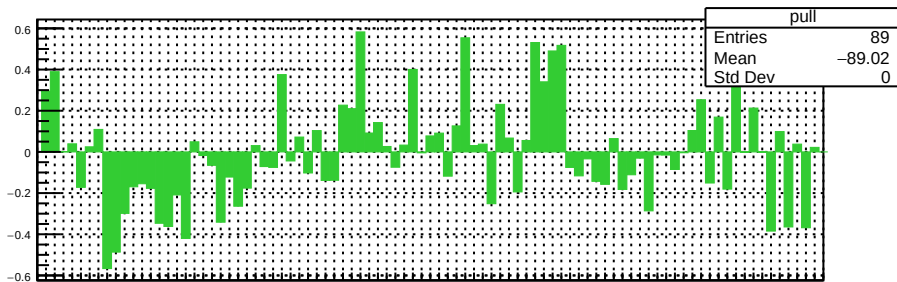
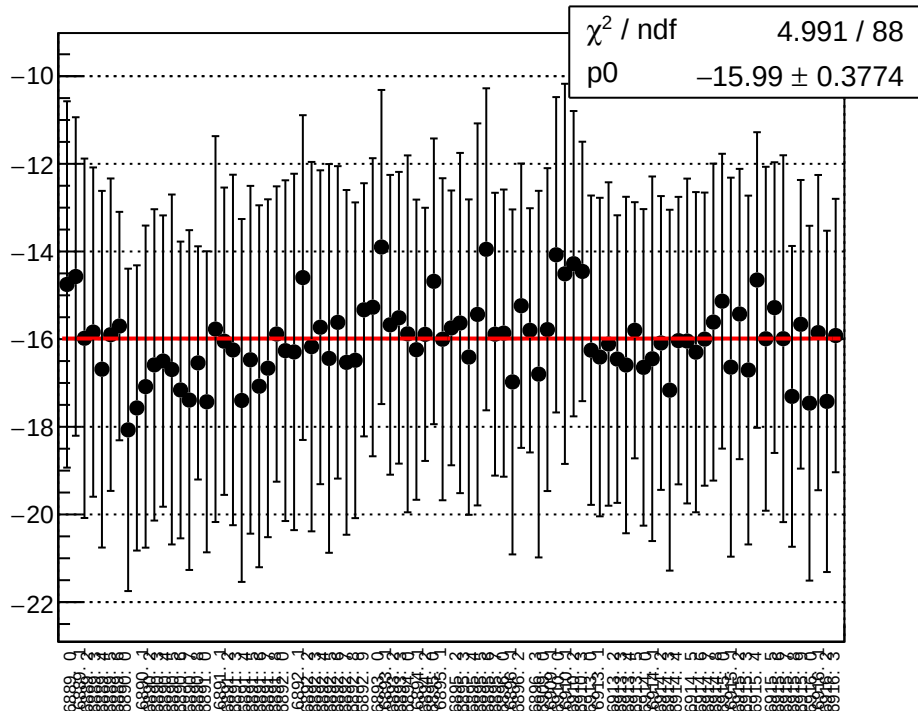
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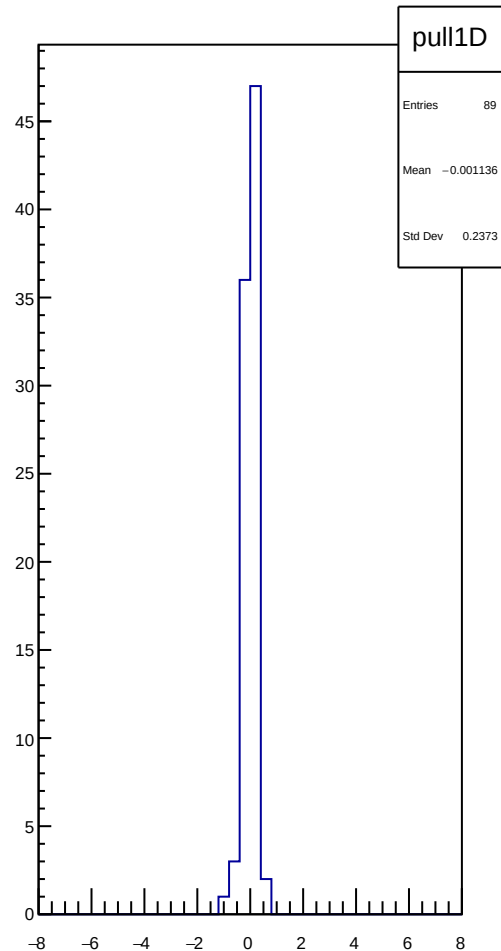
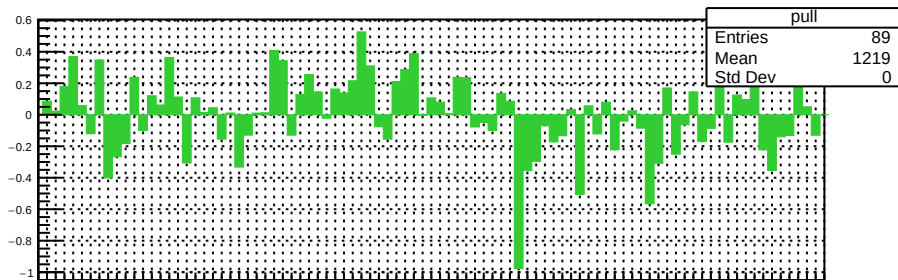
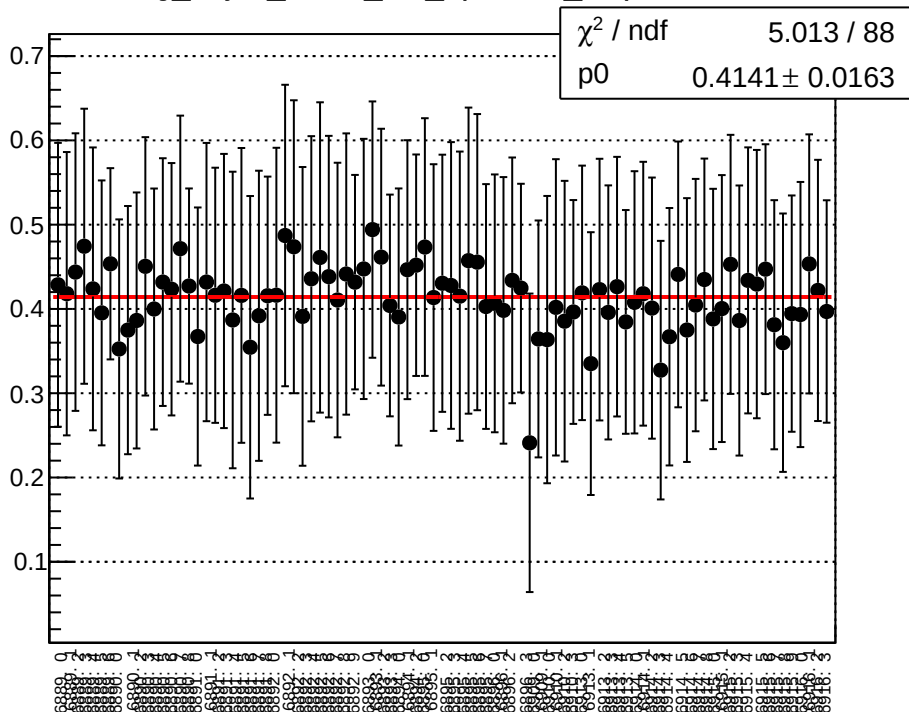
reg_asym_sam7_diff_bpm4eX_slope vs run



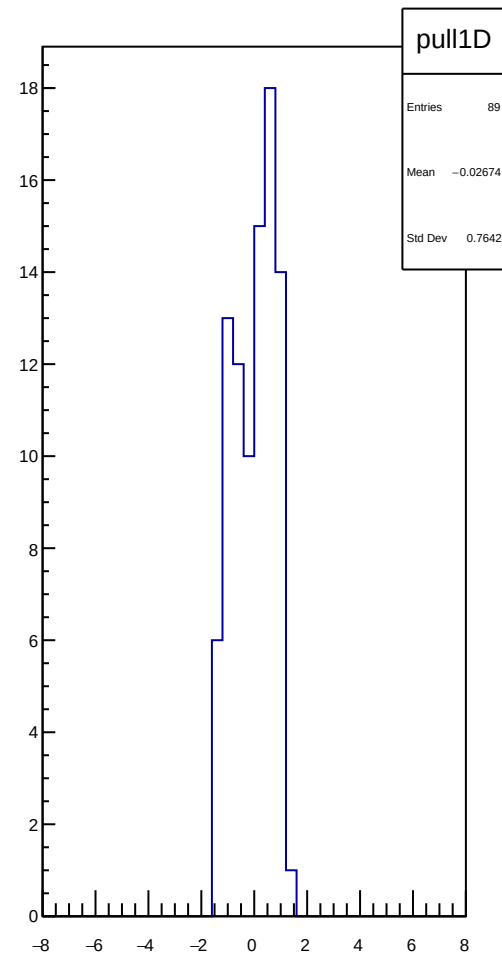
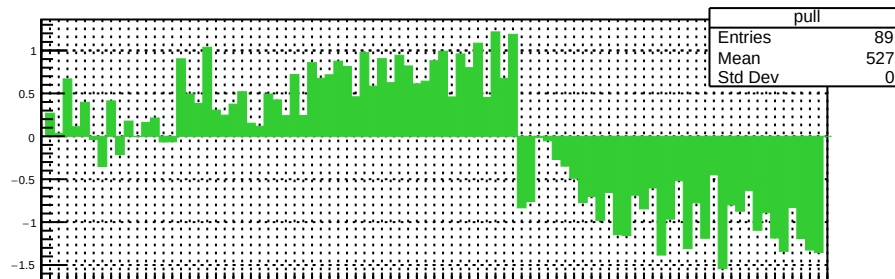
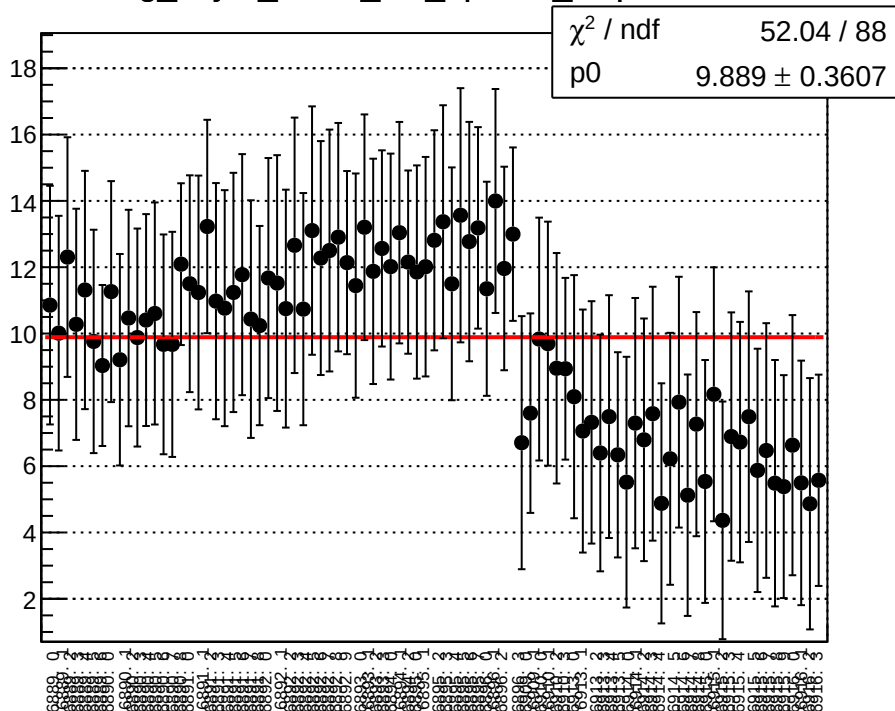
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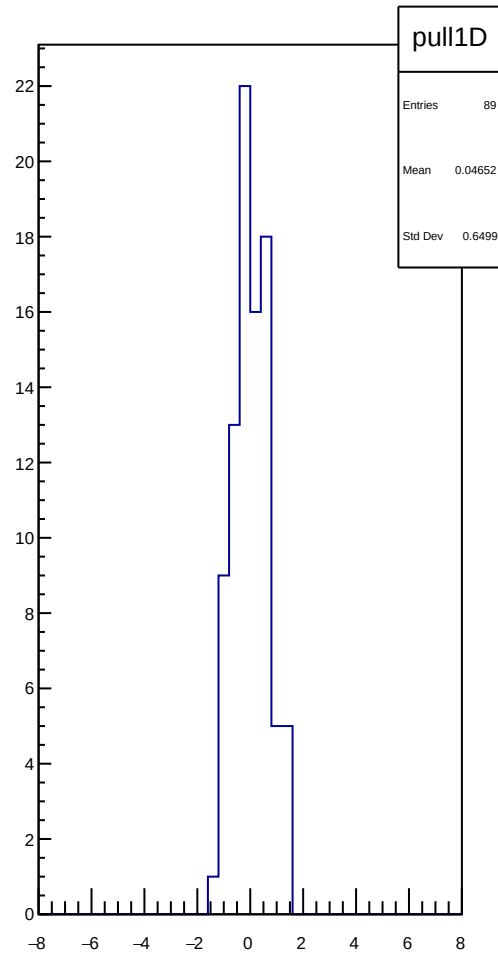
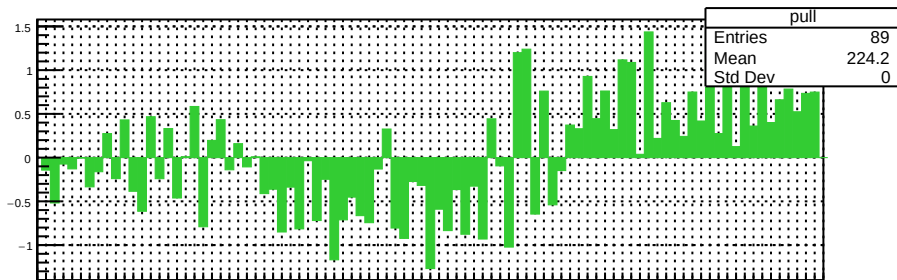
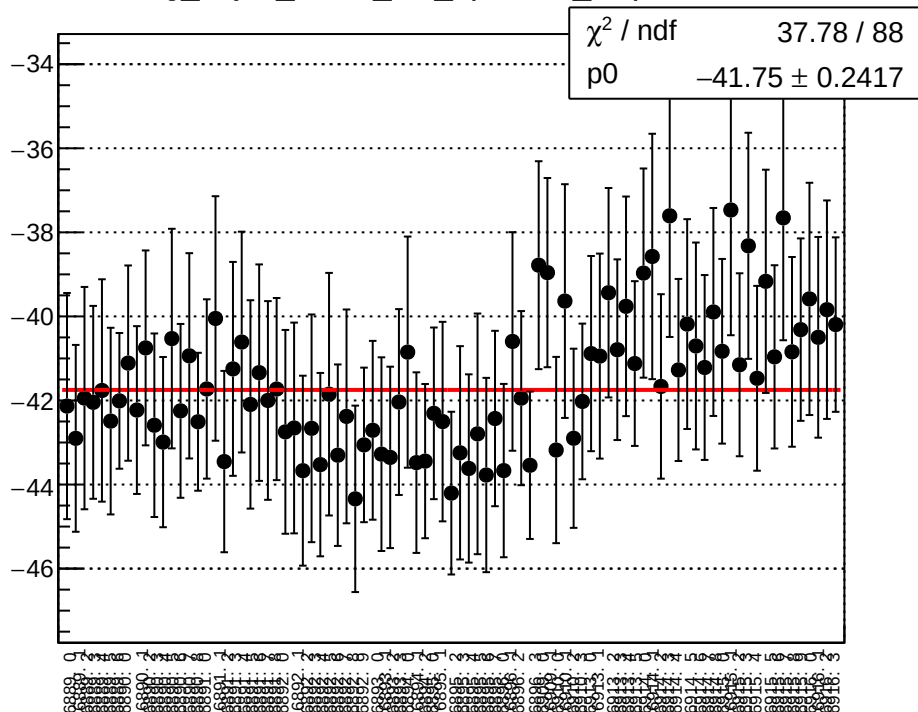
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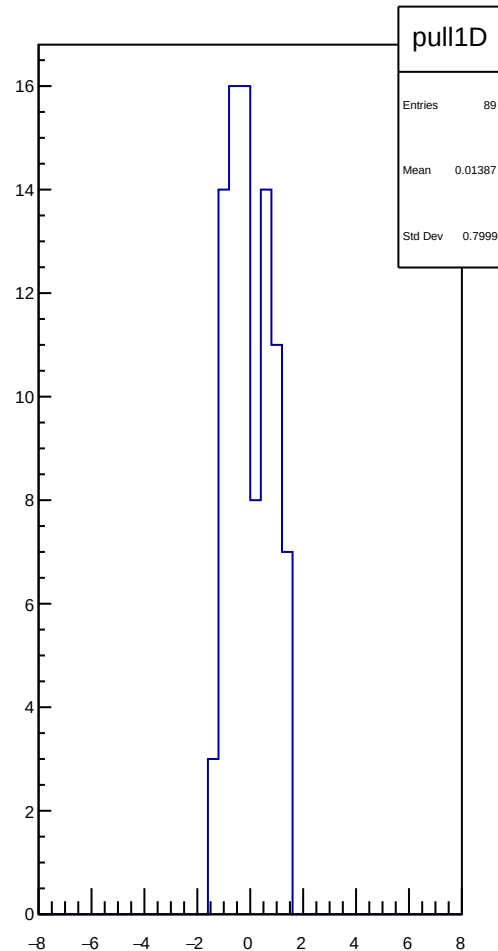
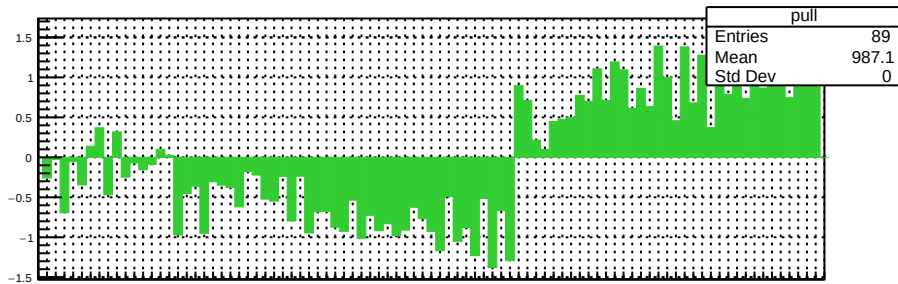
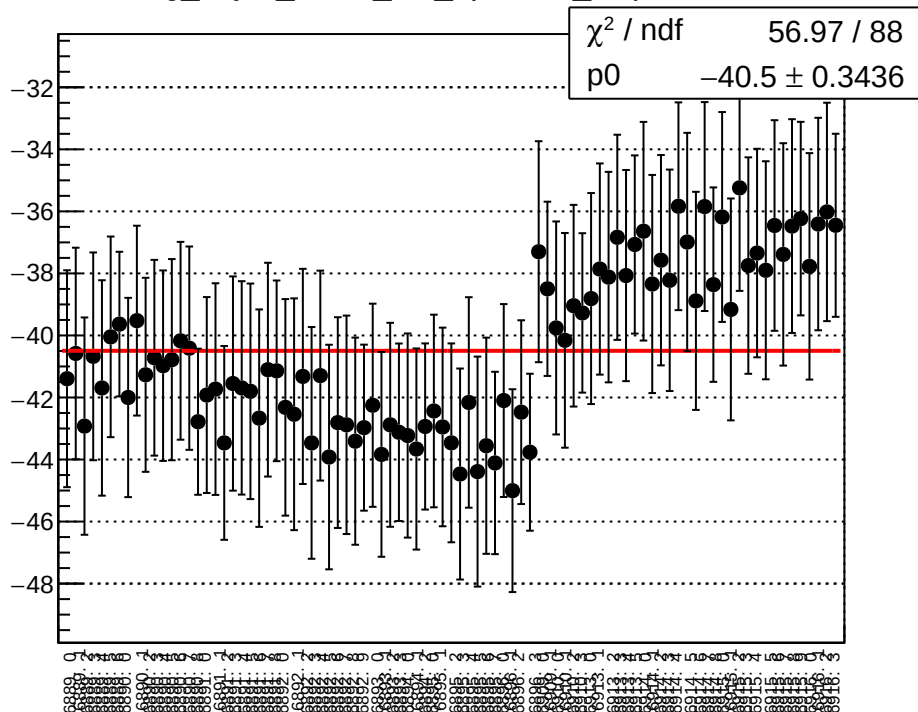
reg_asym_sam8_diff_bpm1X_slope vs run



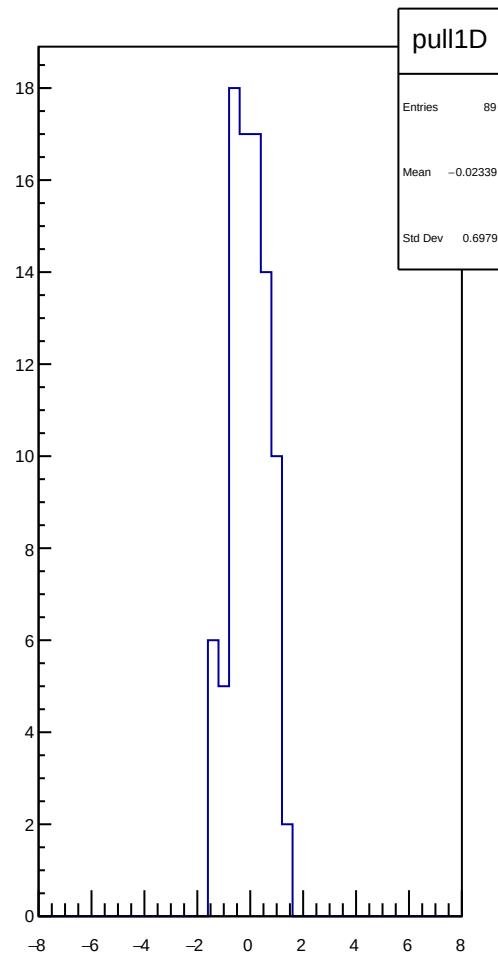
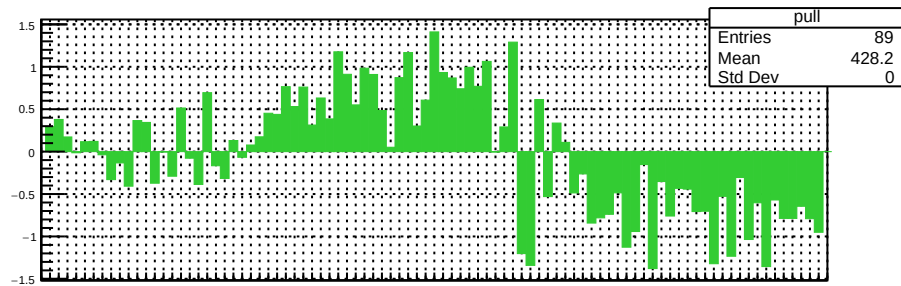
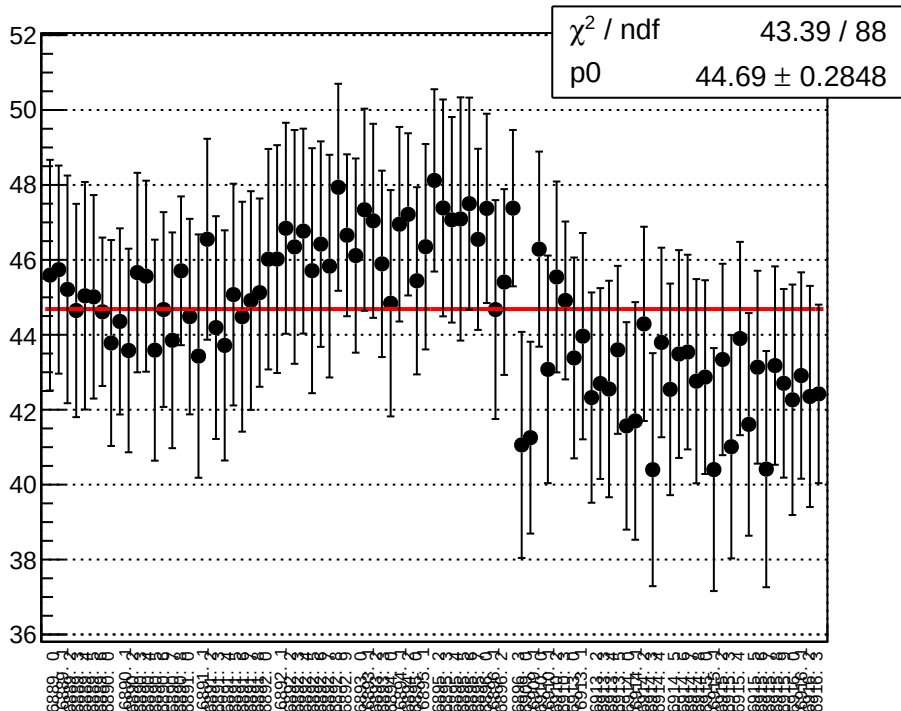
reg_asym_sam8_diff_bpm4aY_slope vs run



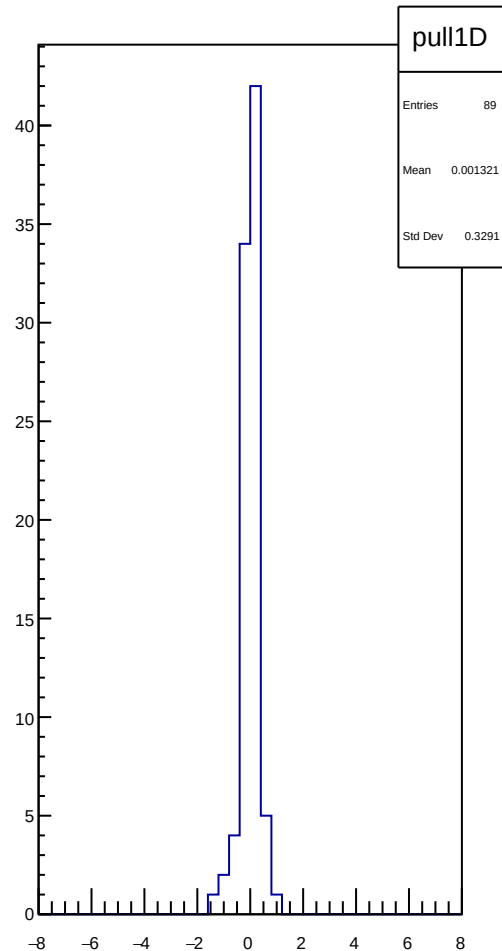
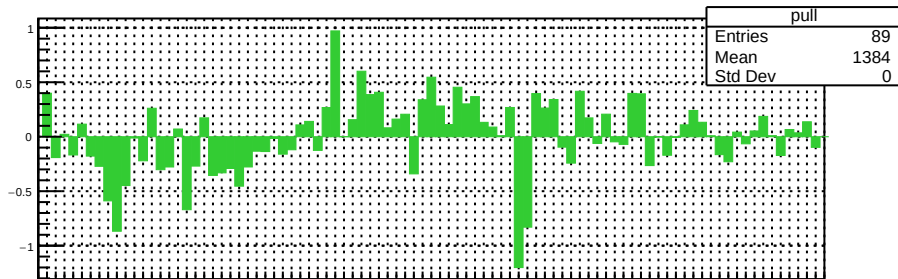
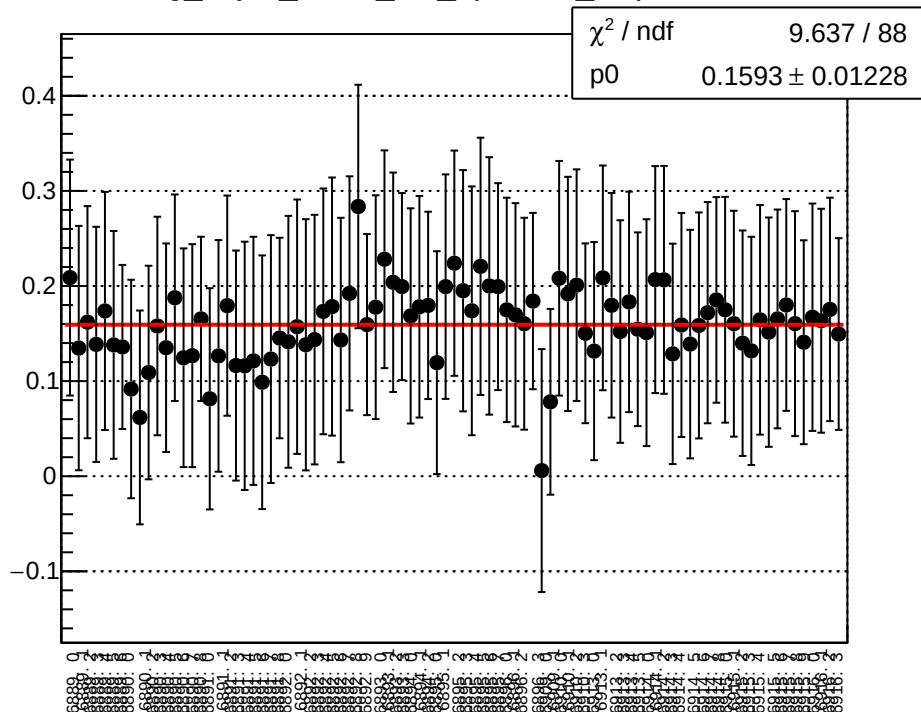
reg_asym_sam8_diff_bpm4eX_slope vs run



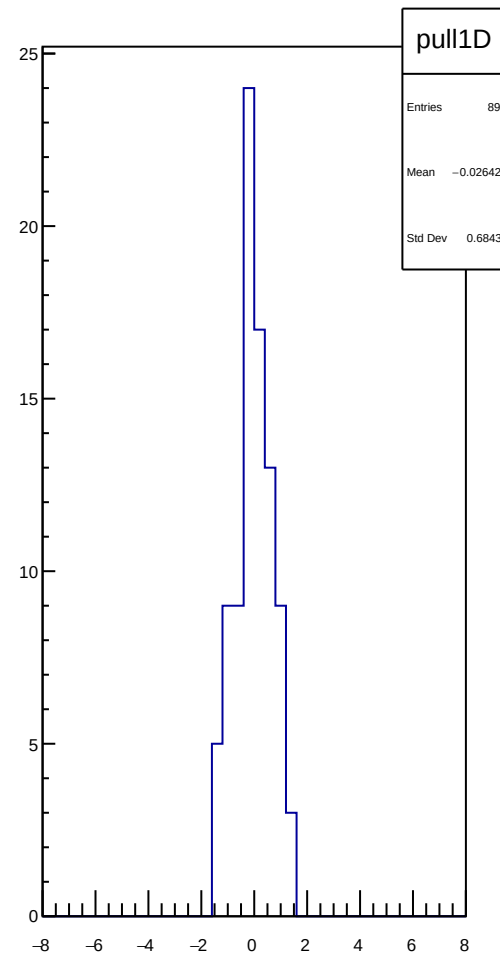
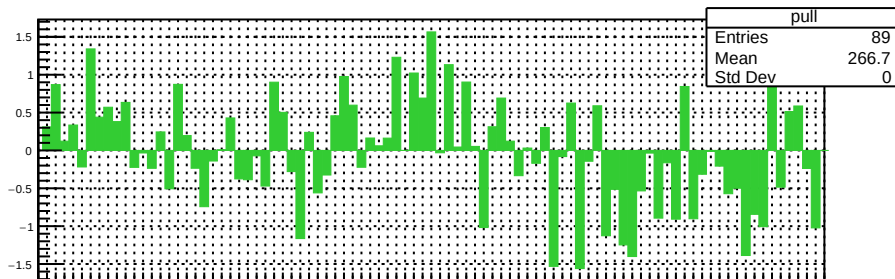
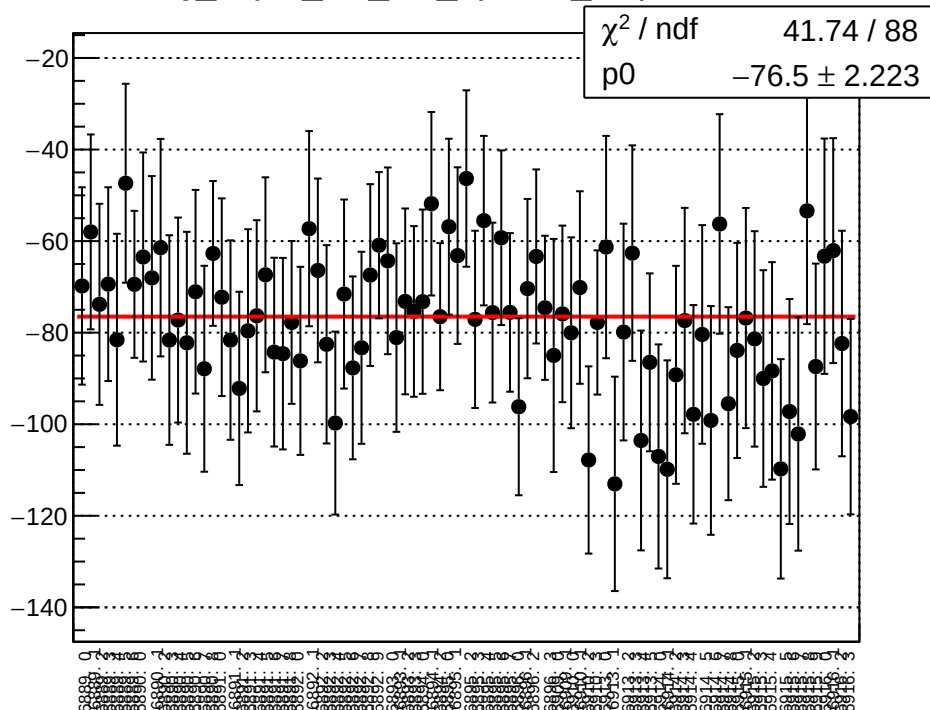
reg_asym_sam8_diff_bpm4eY_slope vs run



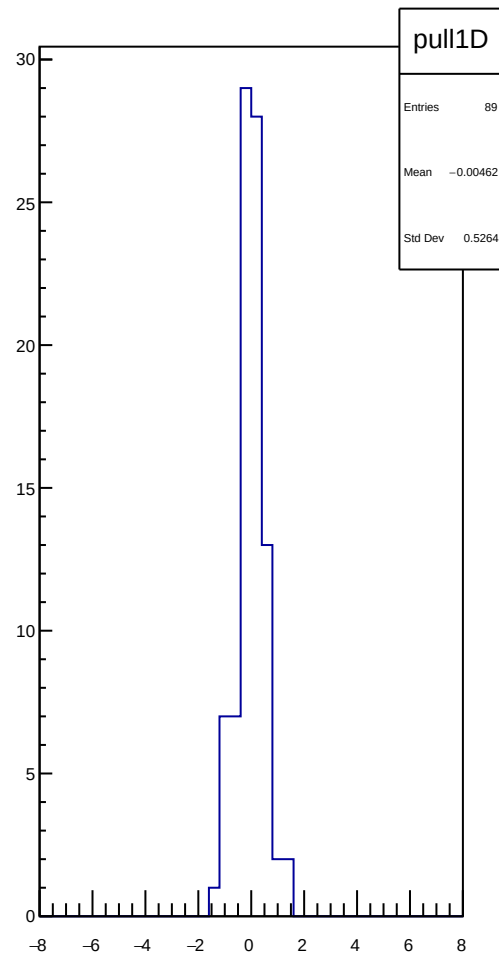
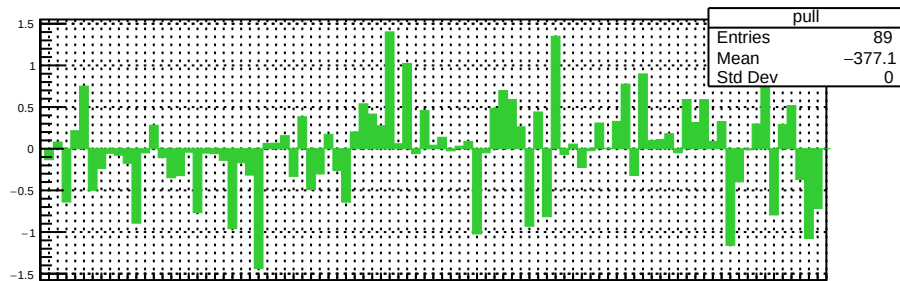
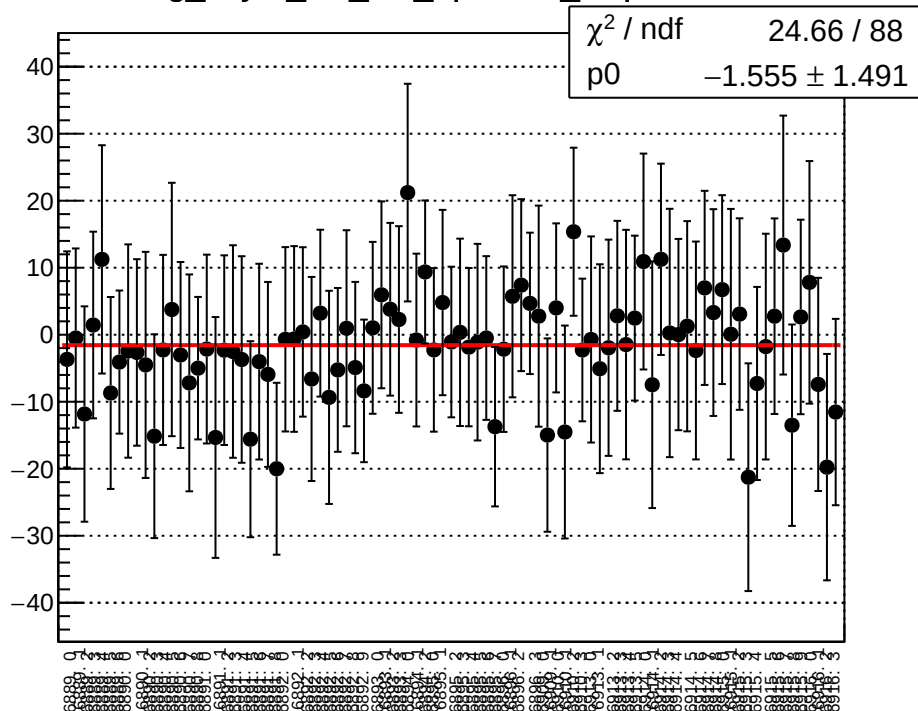
reg_asym_sam8_diff_bpm12X_slope vs run



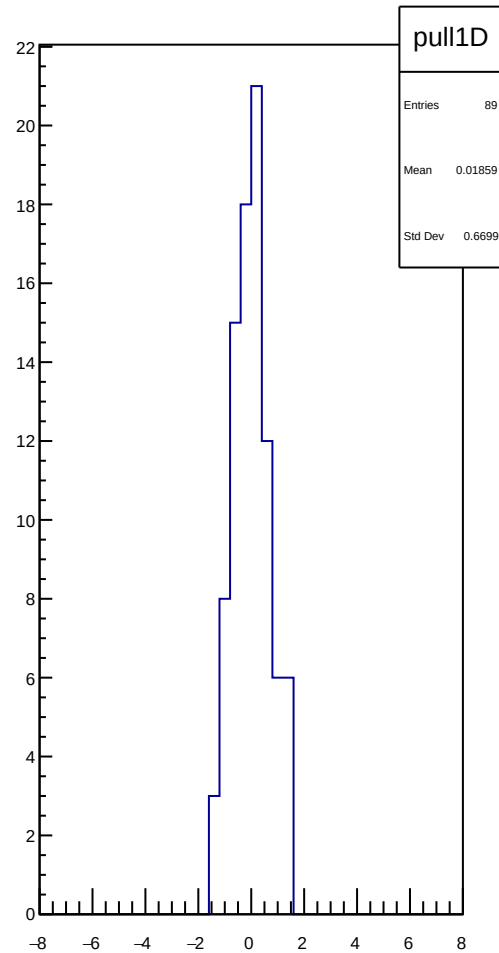
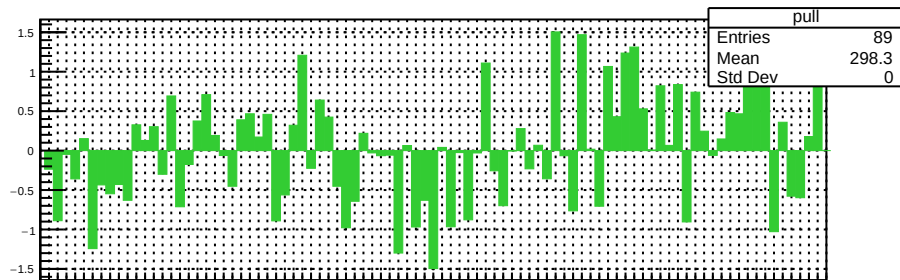
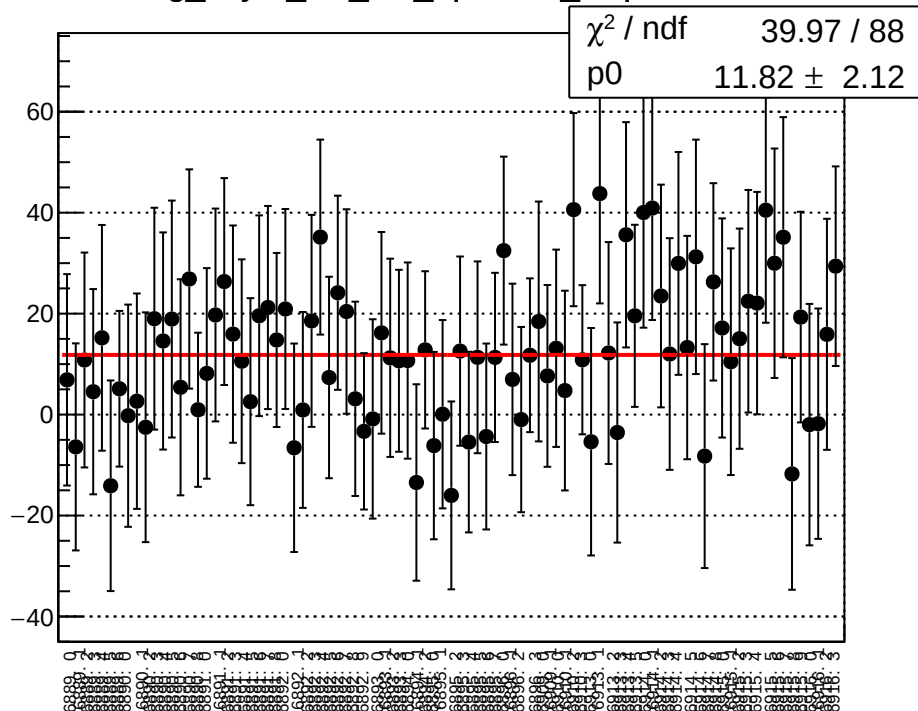
reg_asym_usl_diff_bpm1X_slope vs run



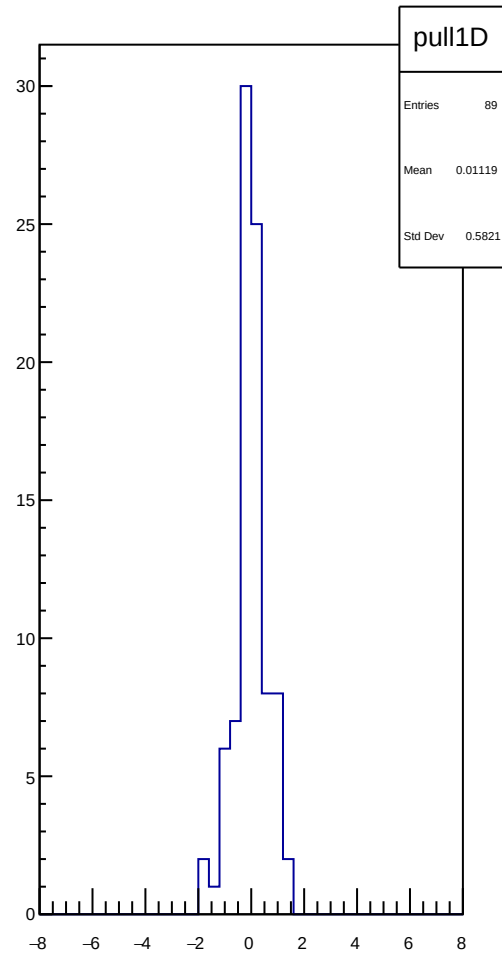
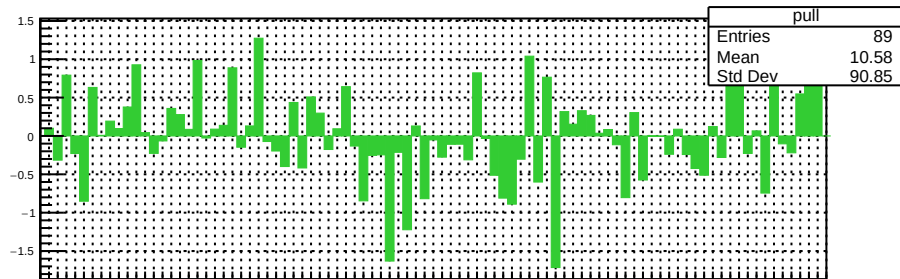
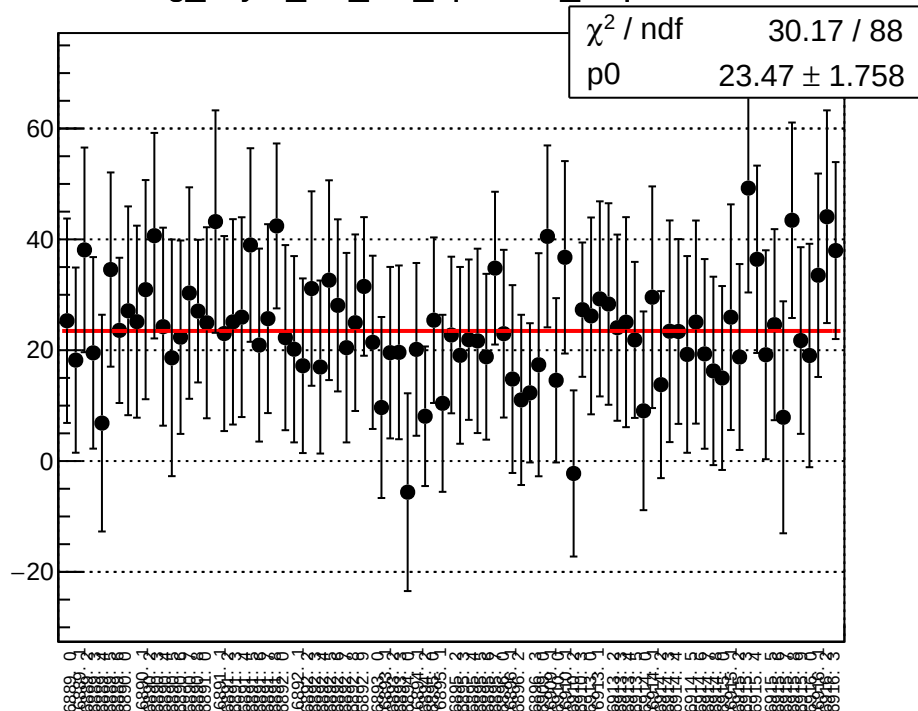
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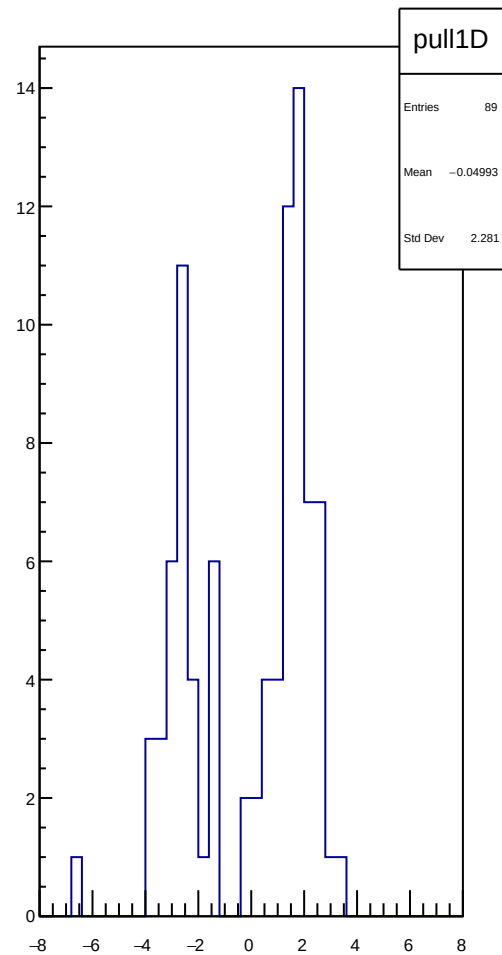
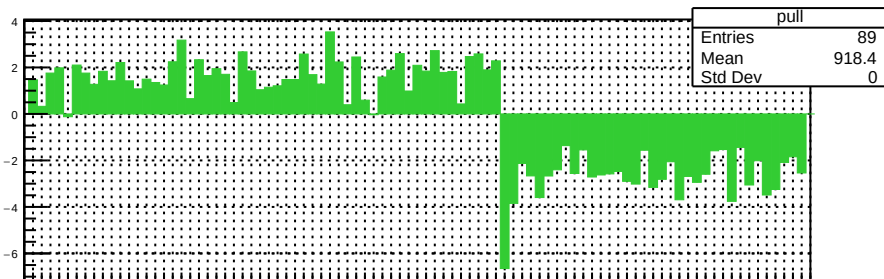
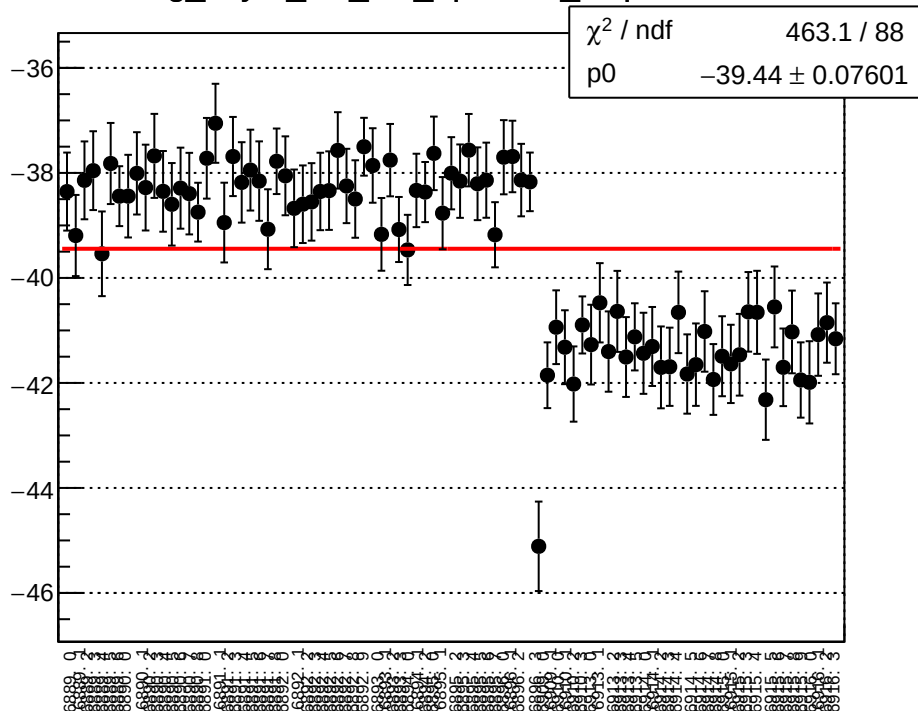
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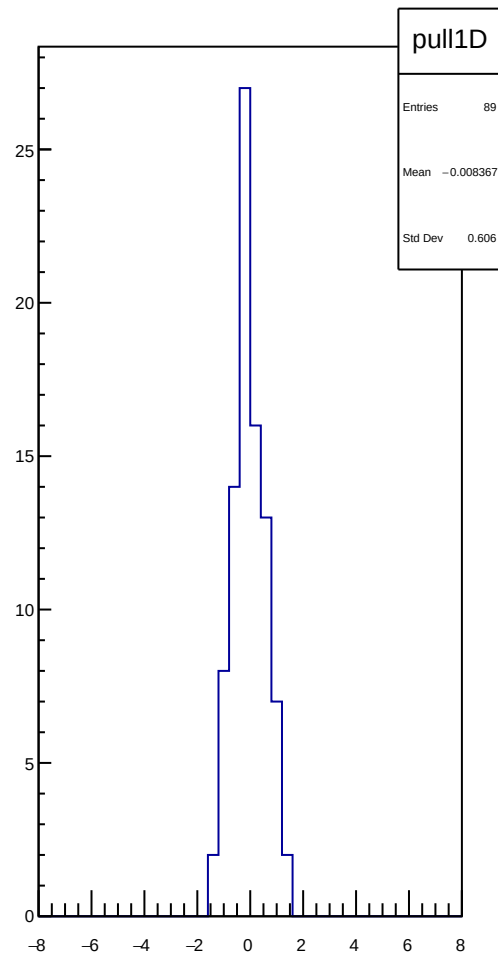
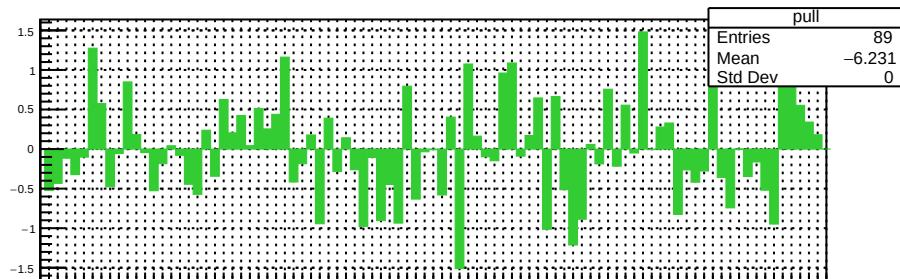
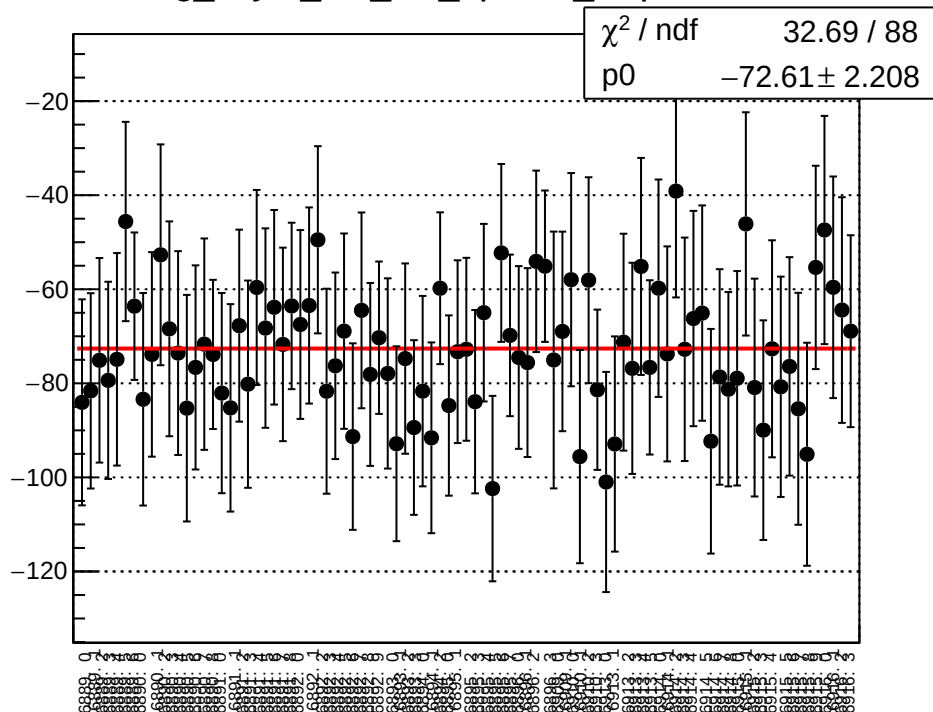
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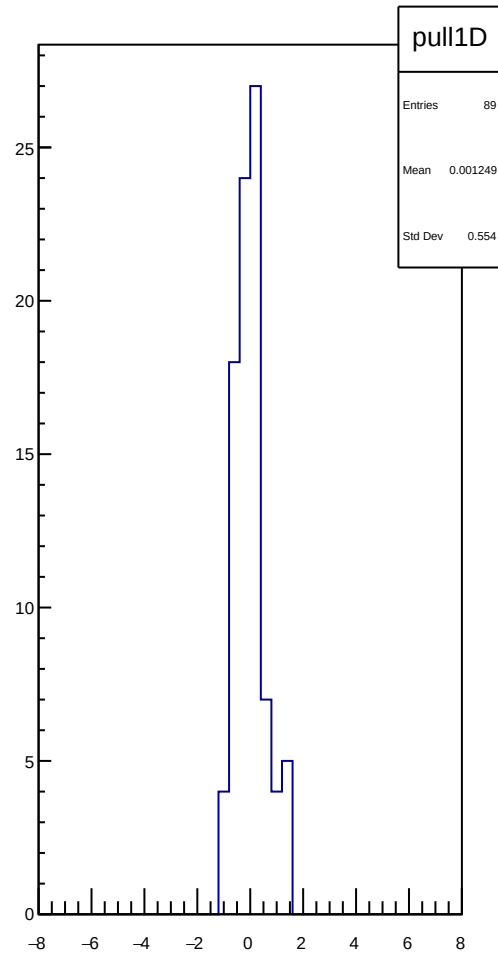
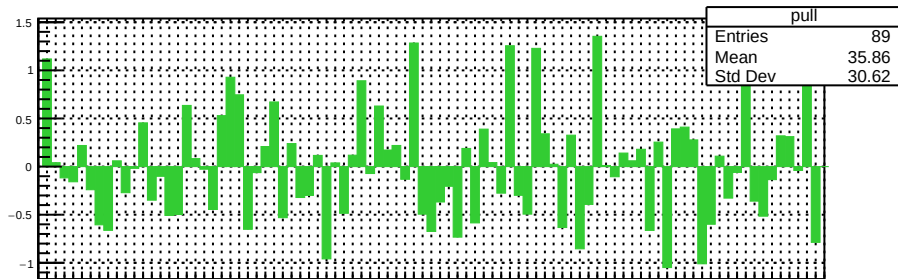
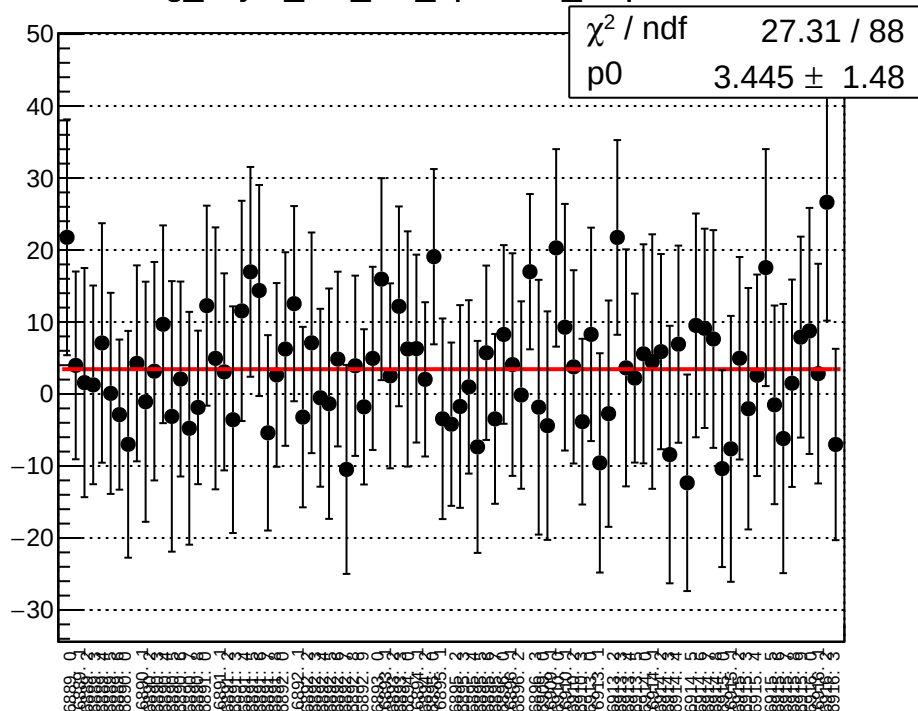
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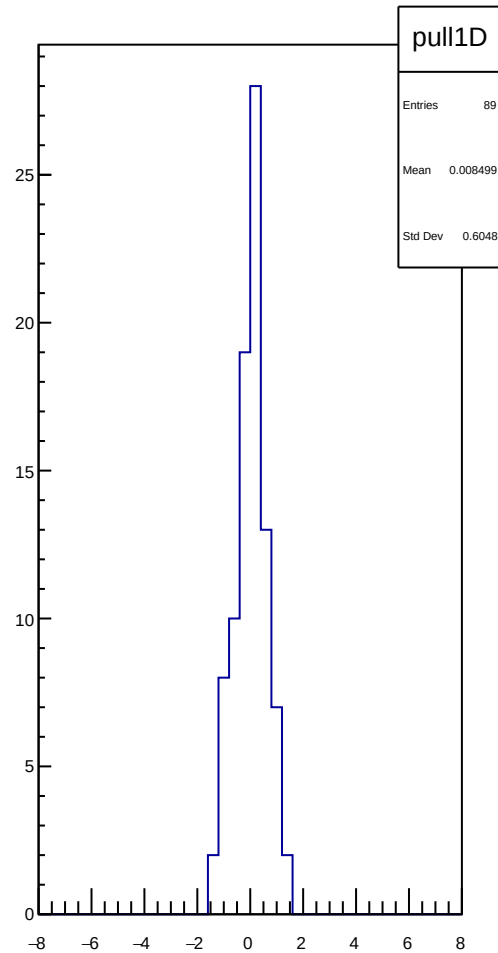
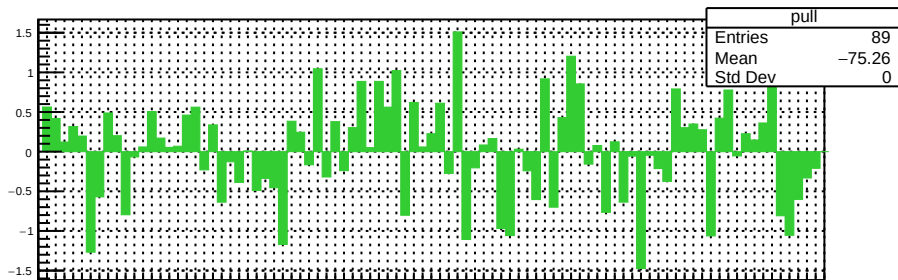
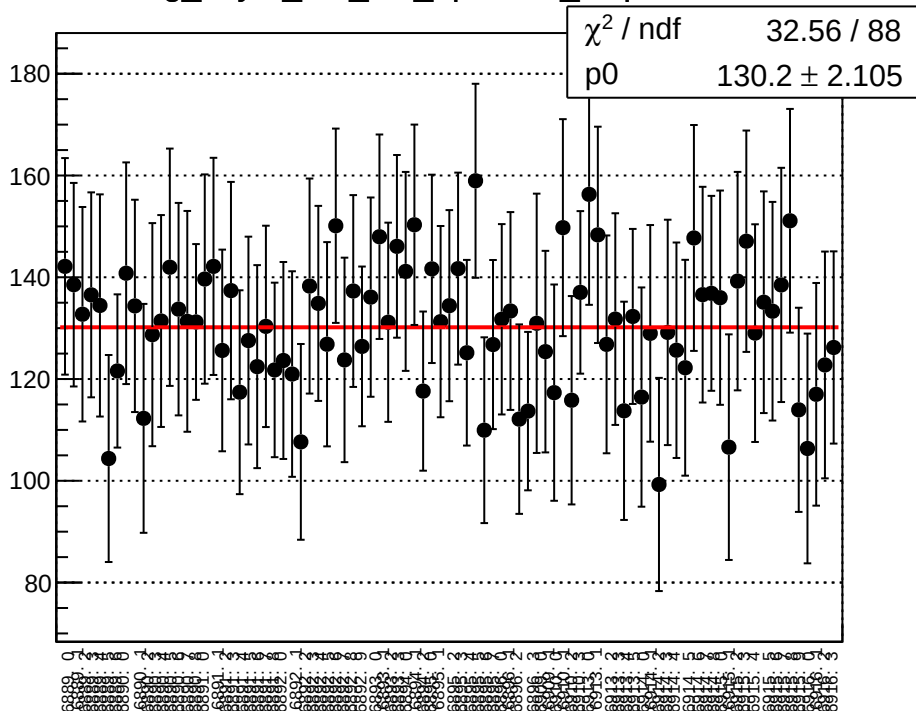
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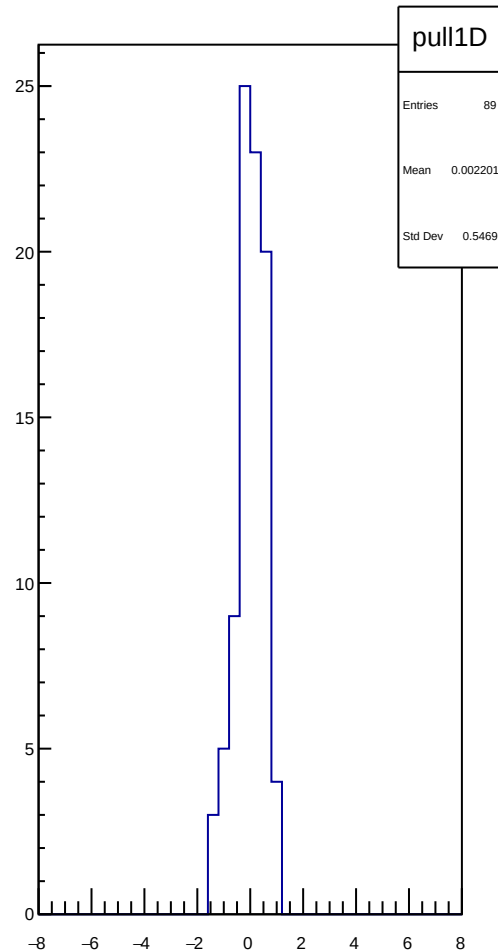
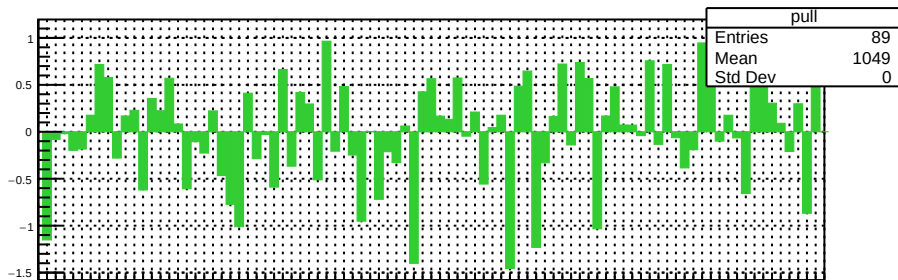
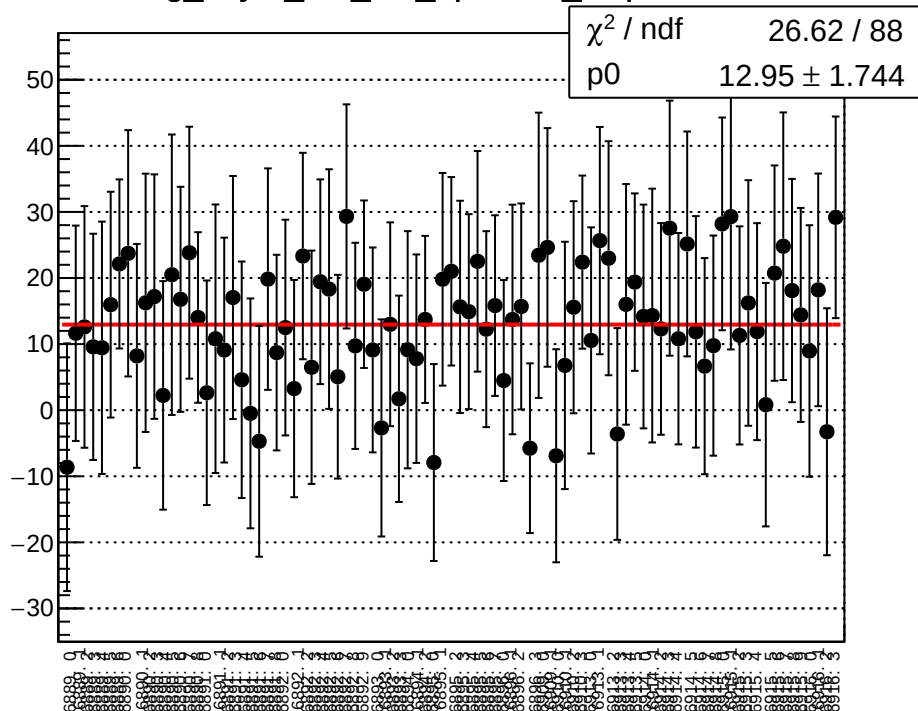
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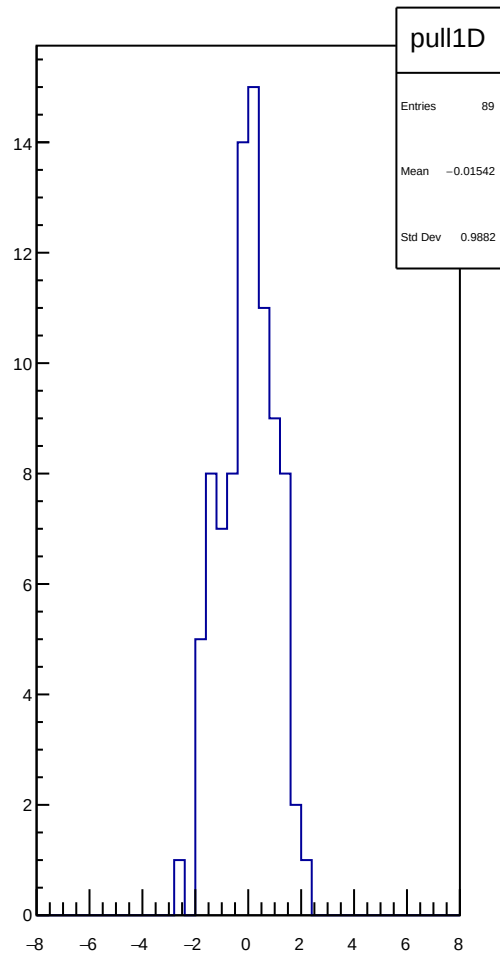
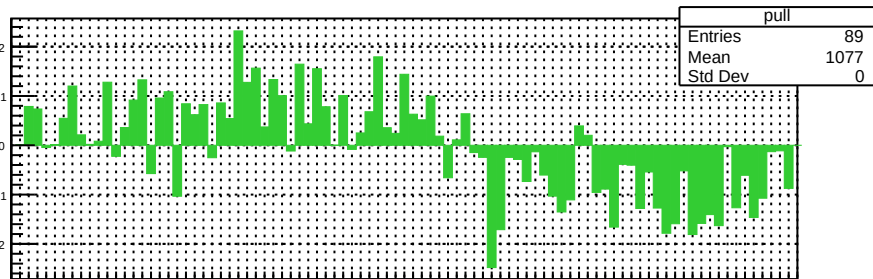
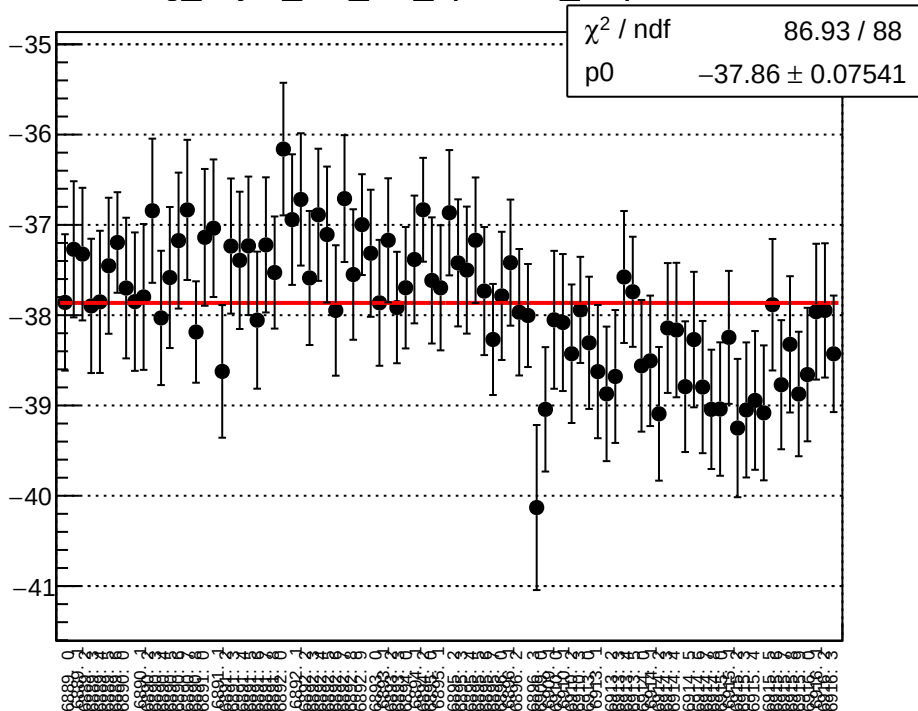
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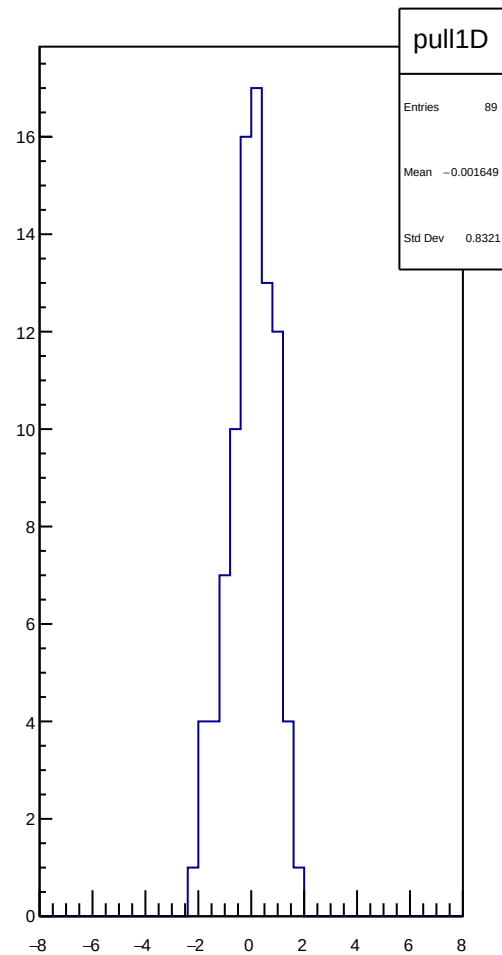
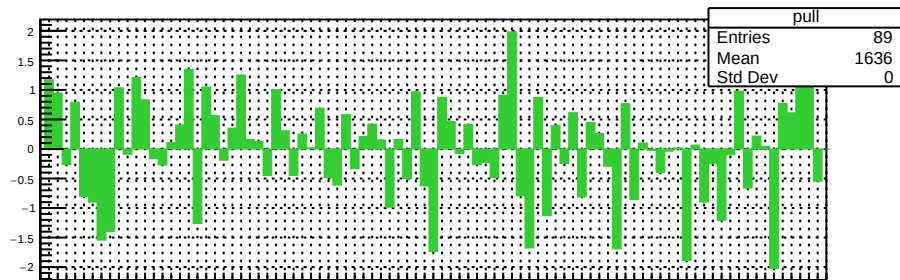
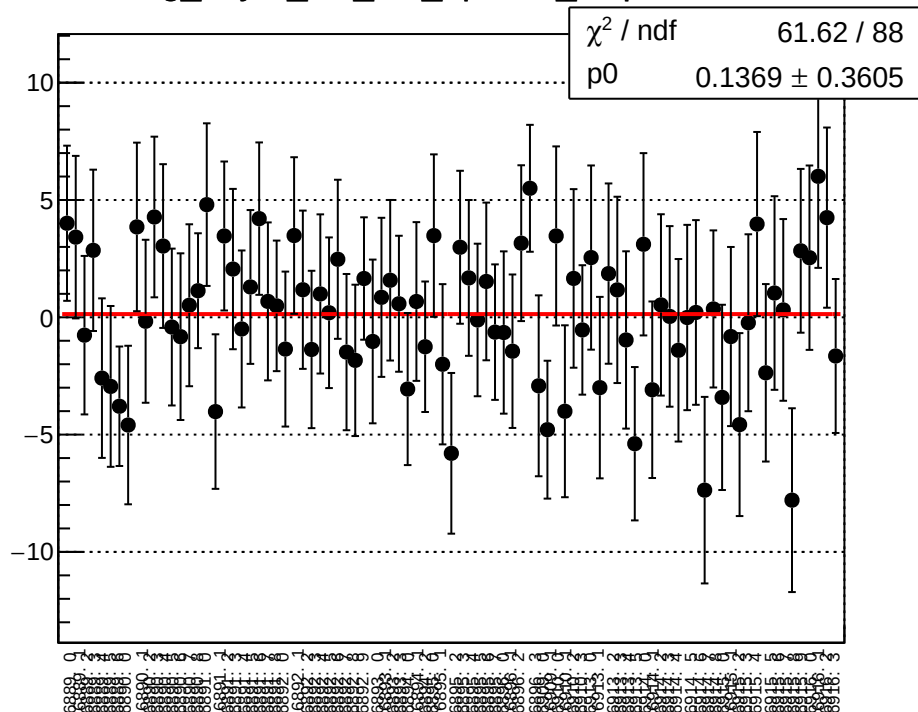
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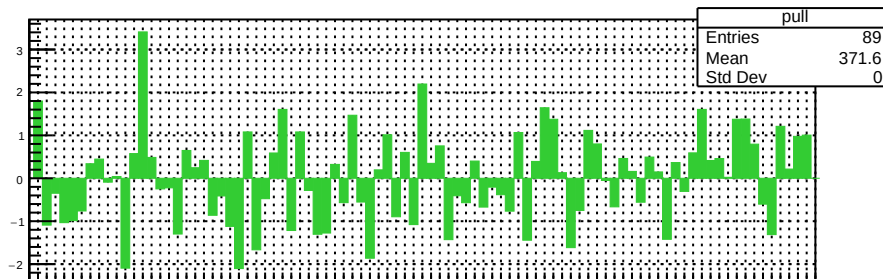
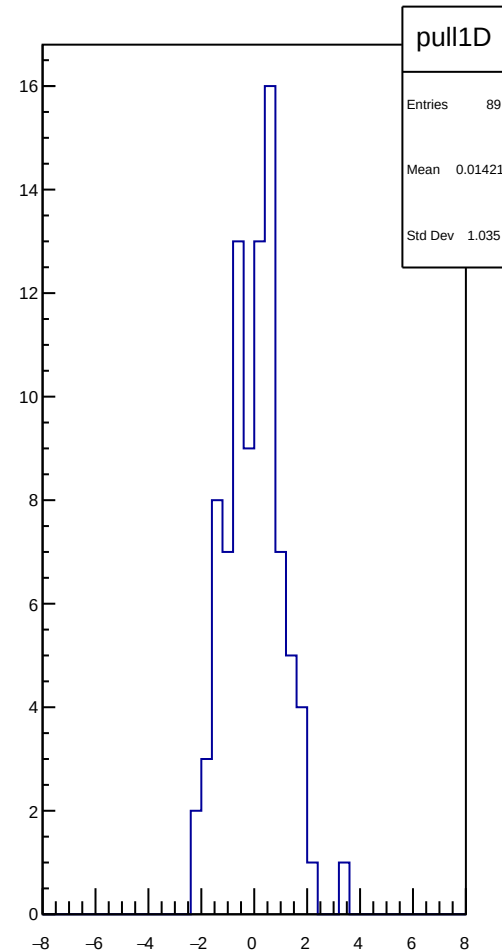
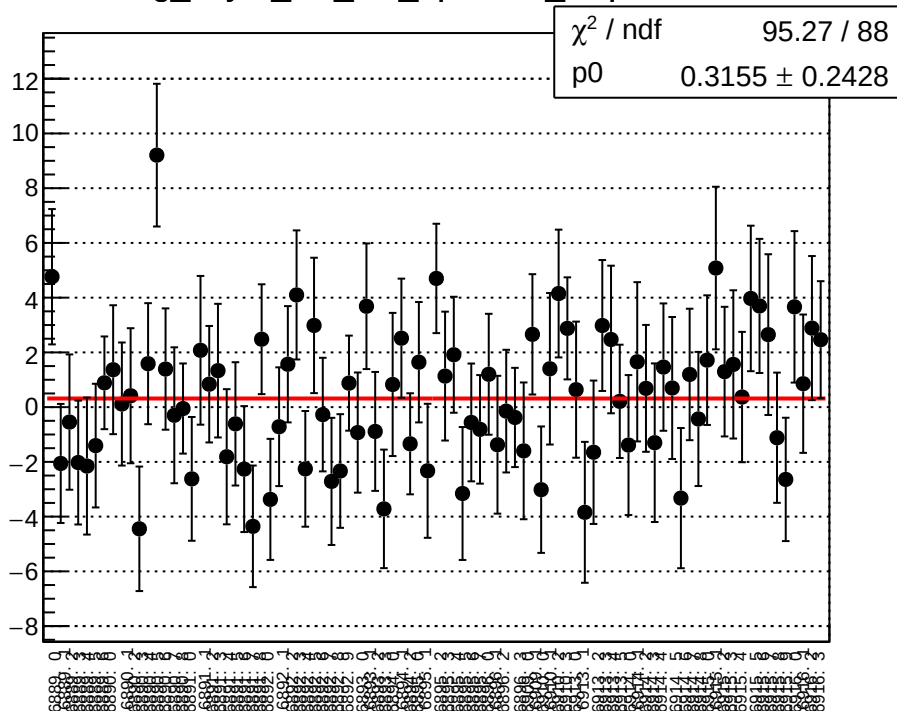
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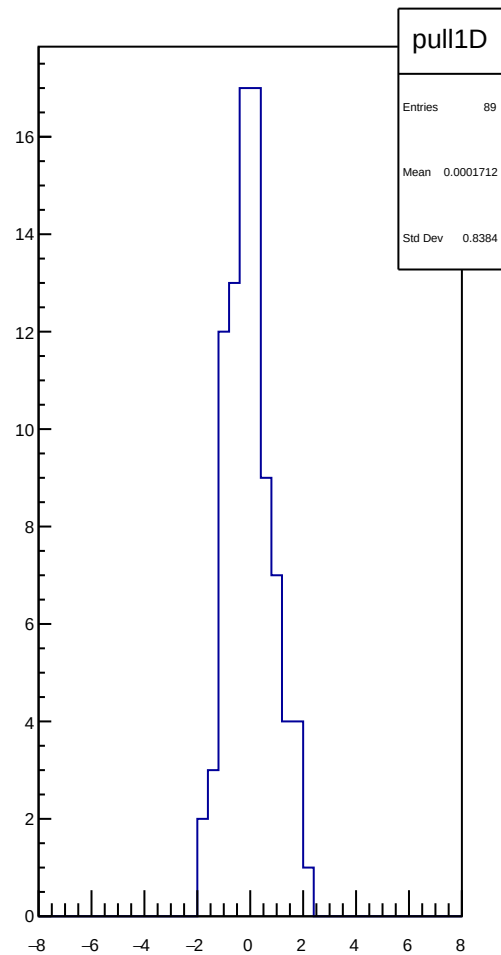
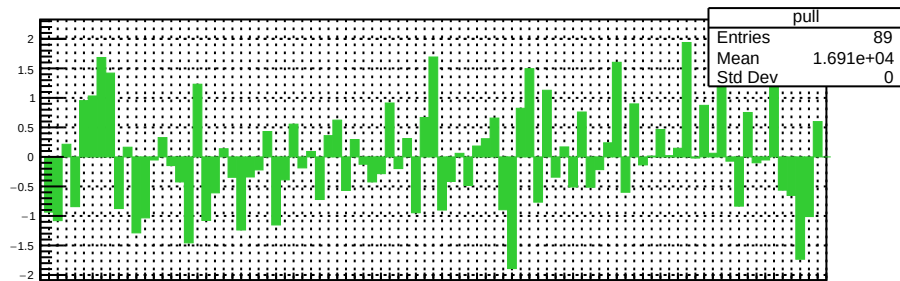
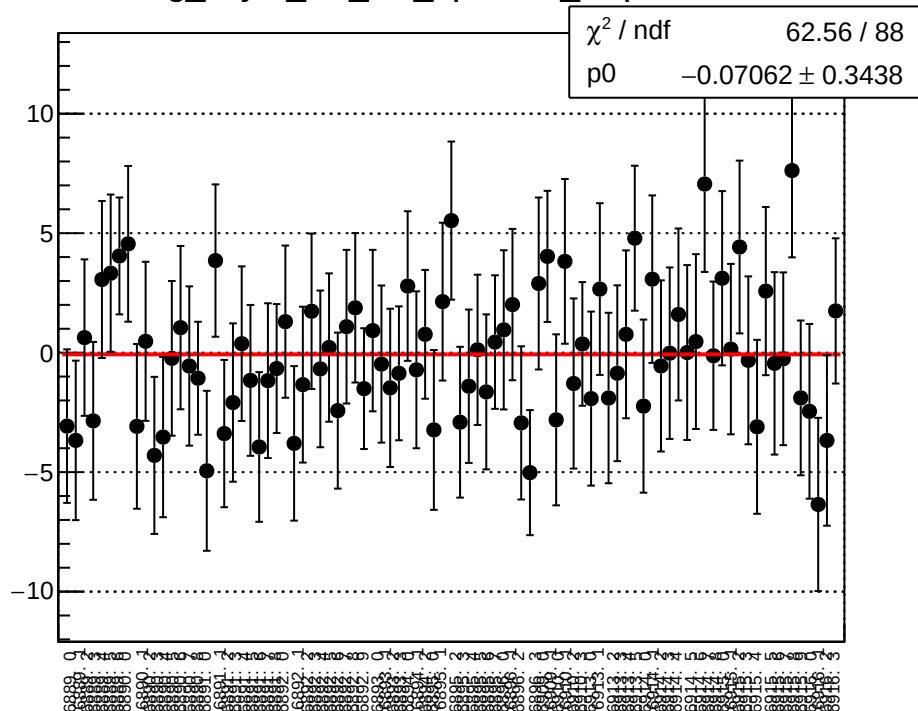
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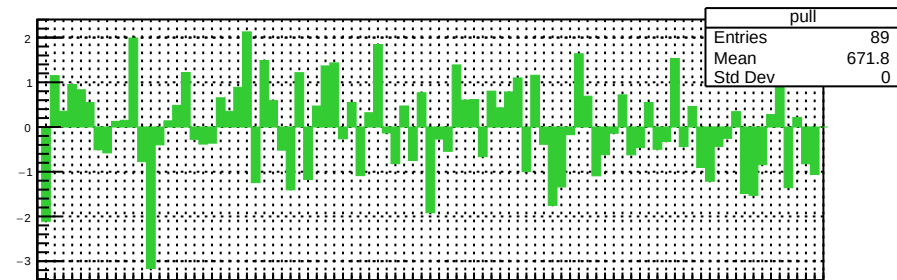
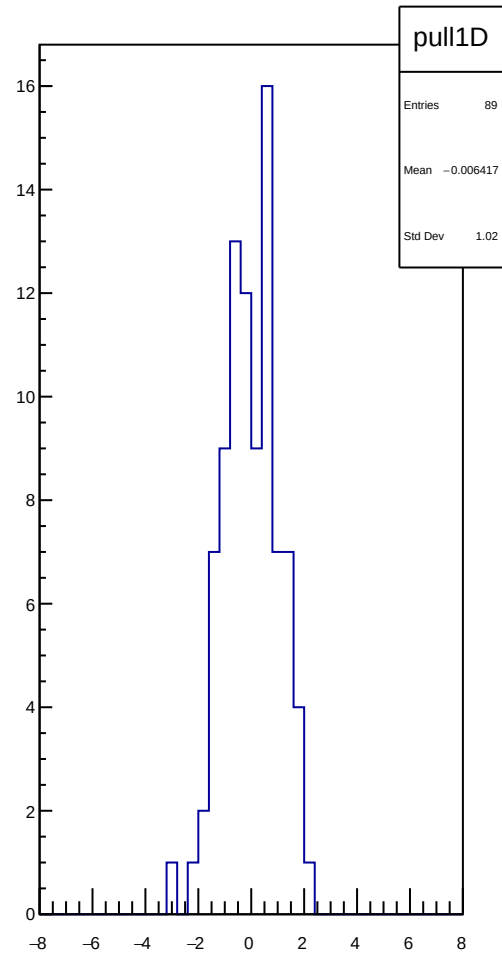
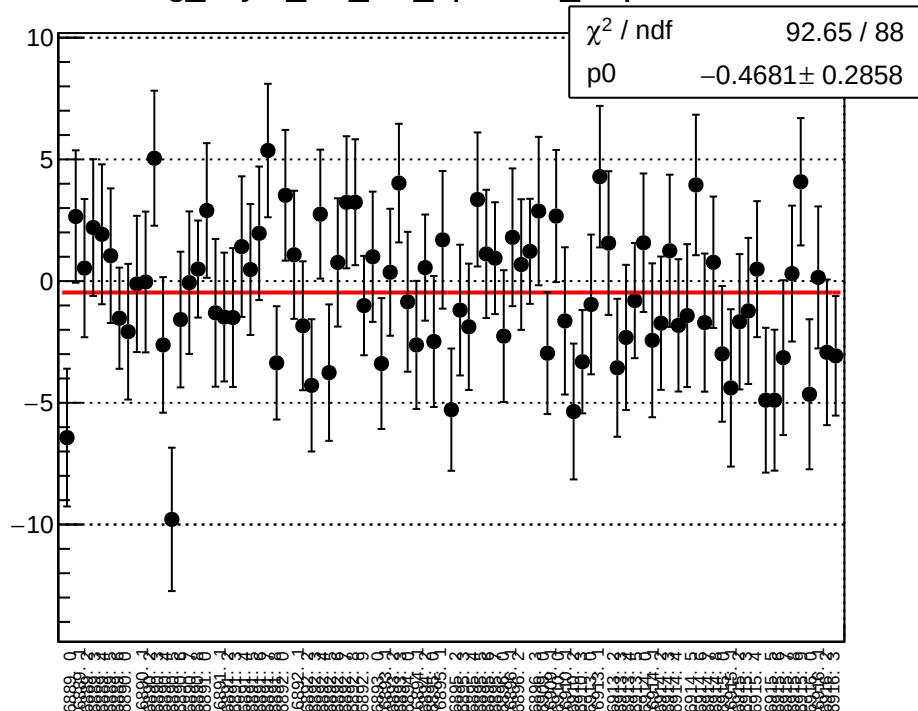
reg_asym_dsl_diff_bpm4aY_slope vs run



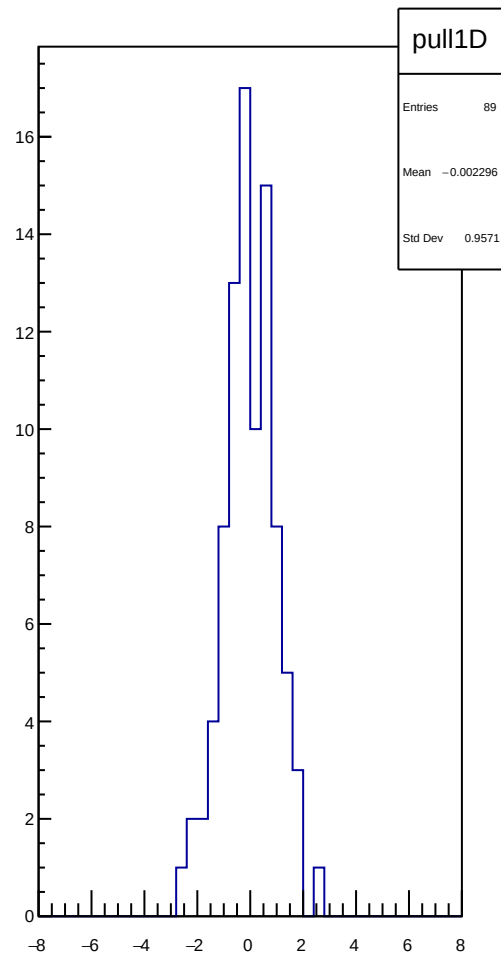
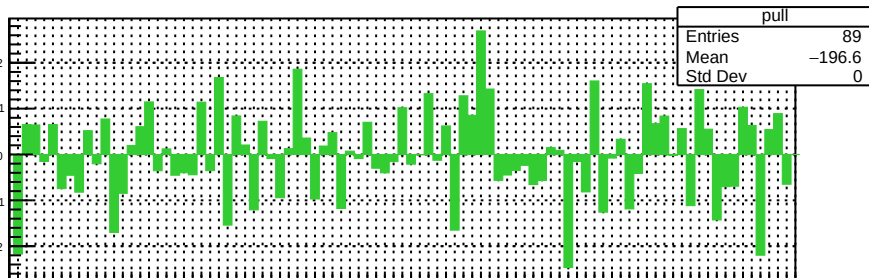
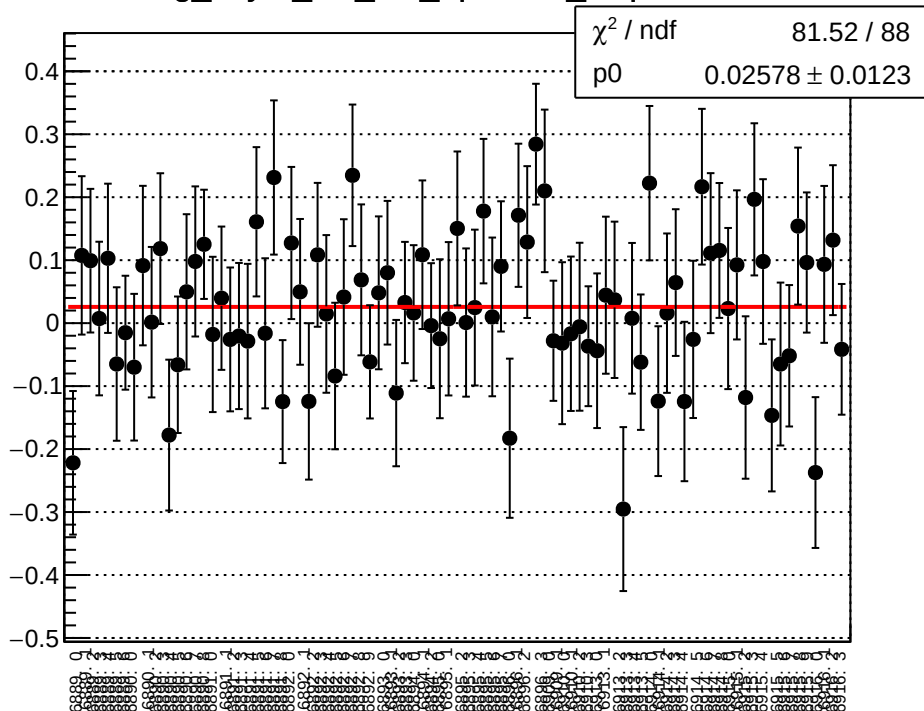
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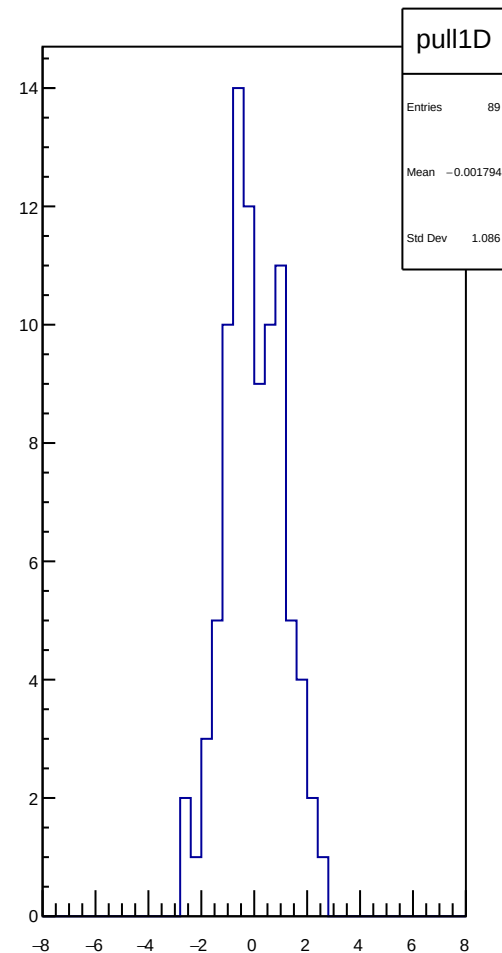
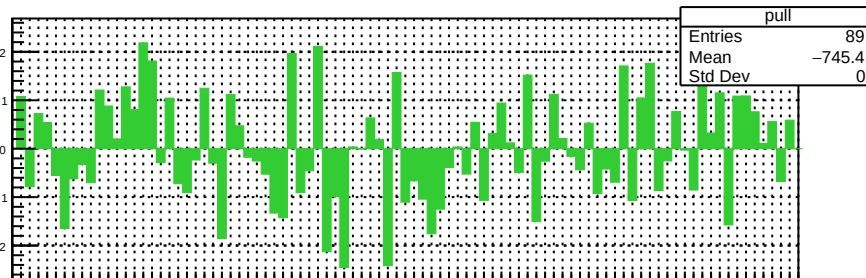
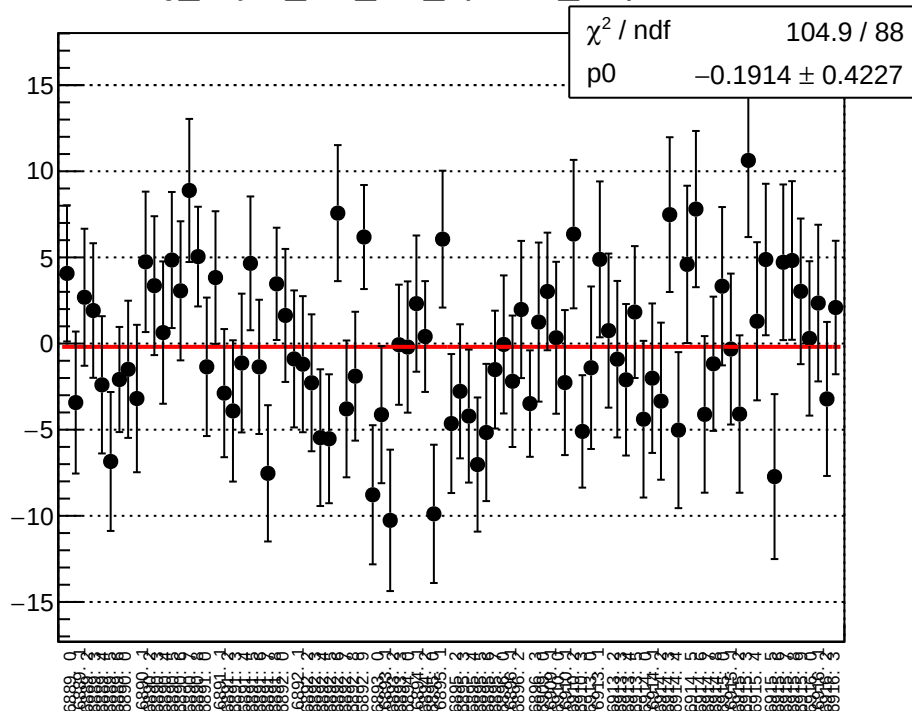
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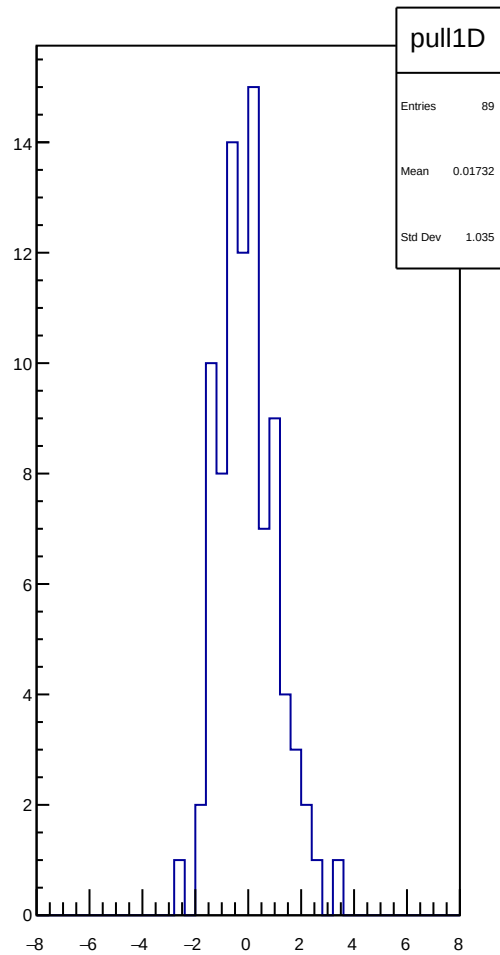
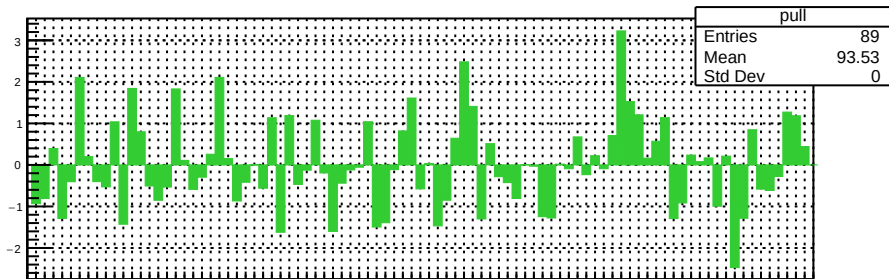
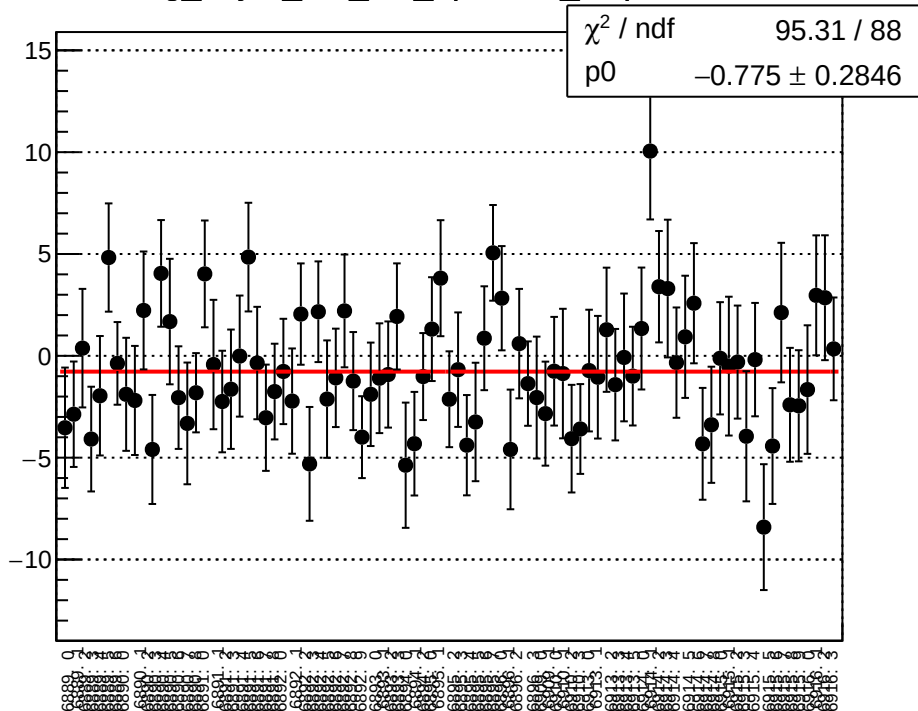
reg_asym_dsl_diff_bpm12X_slope vs run



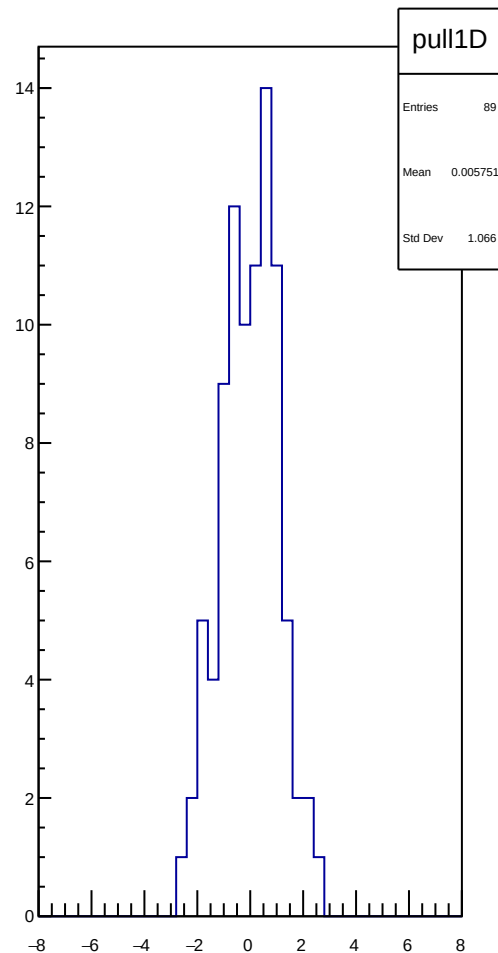
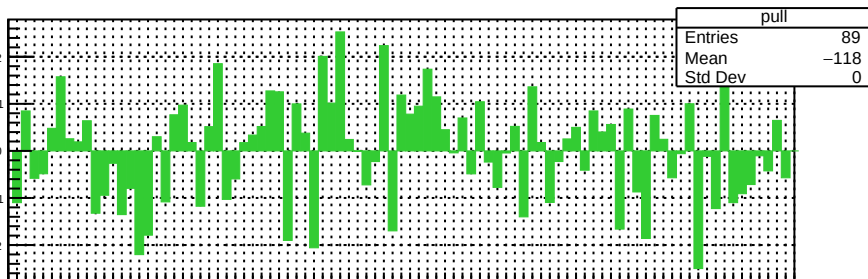
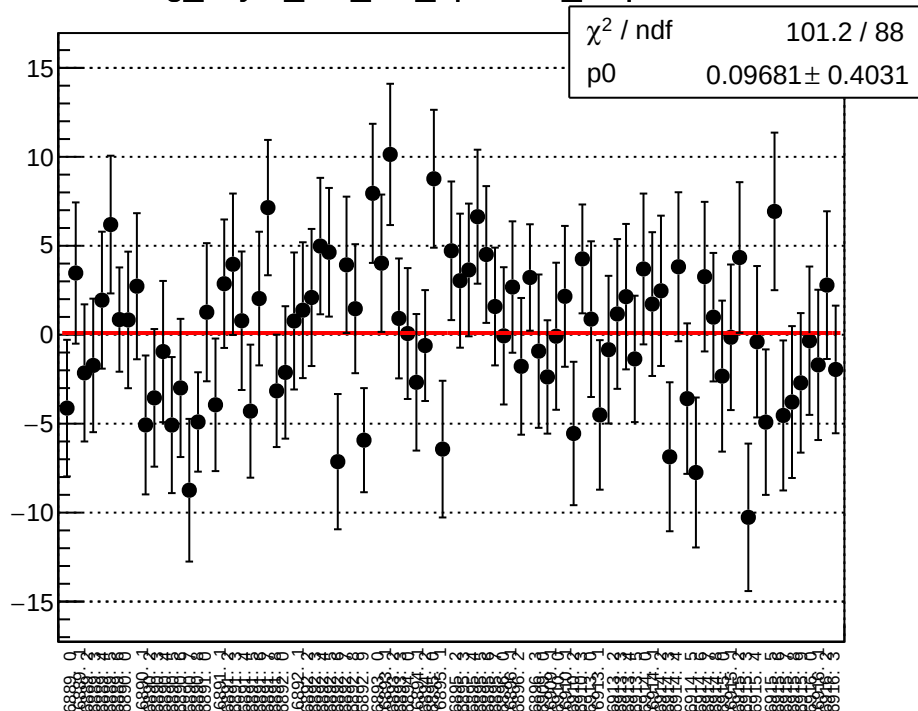
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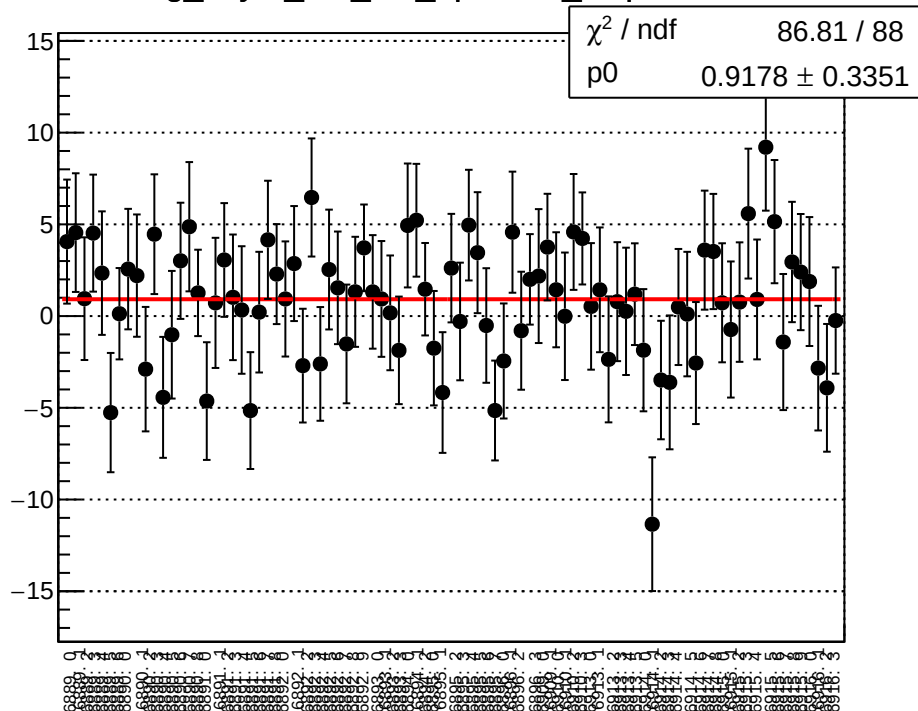
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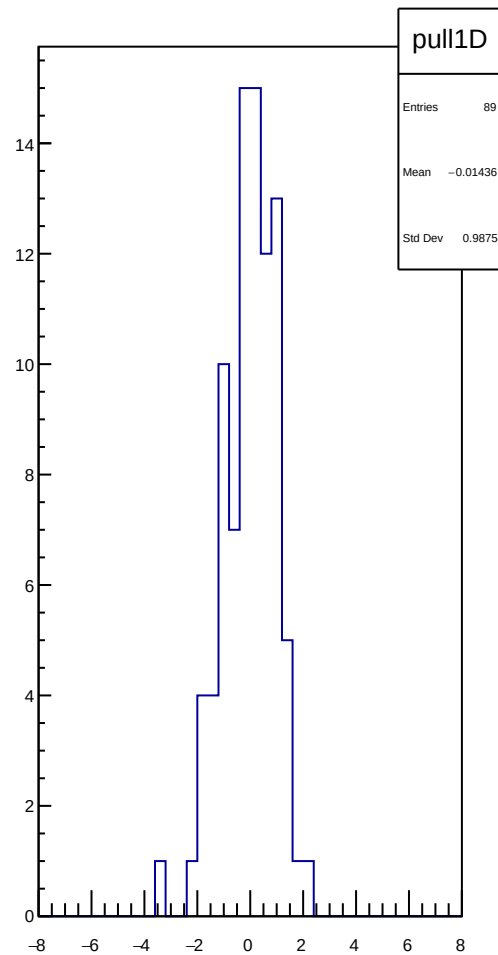
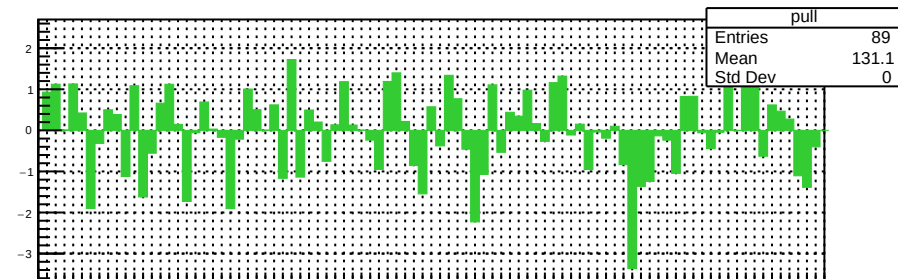
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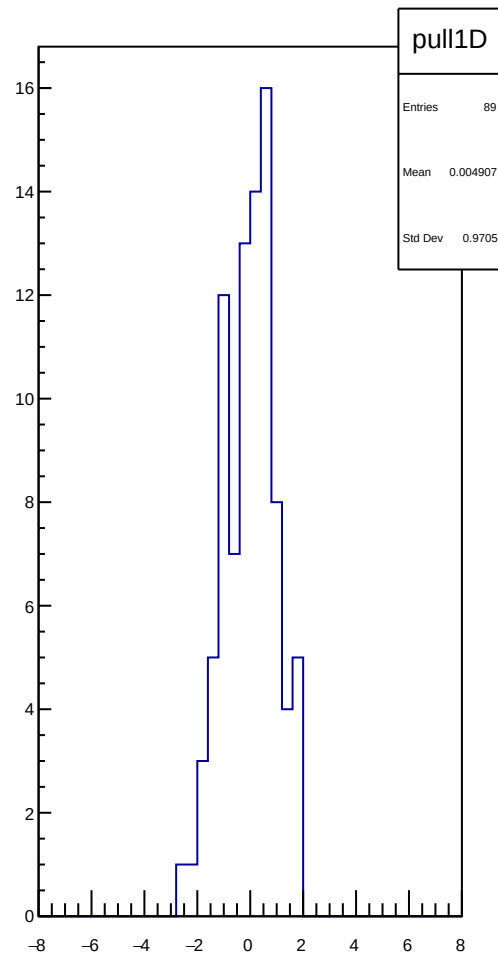
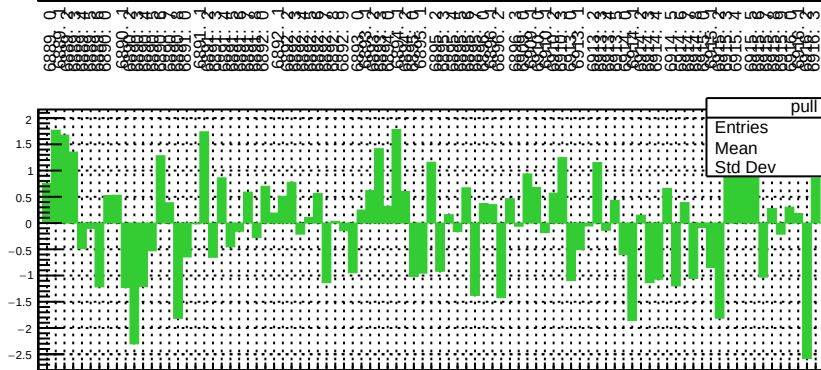
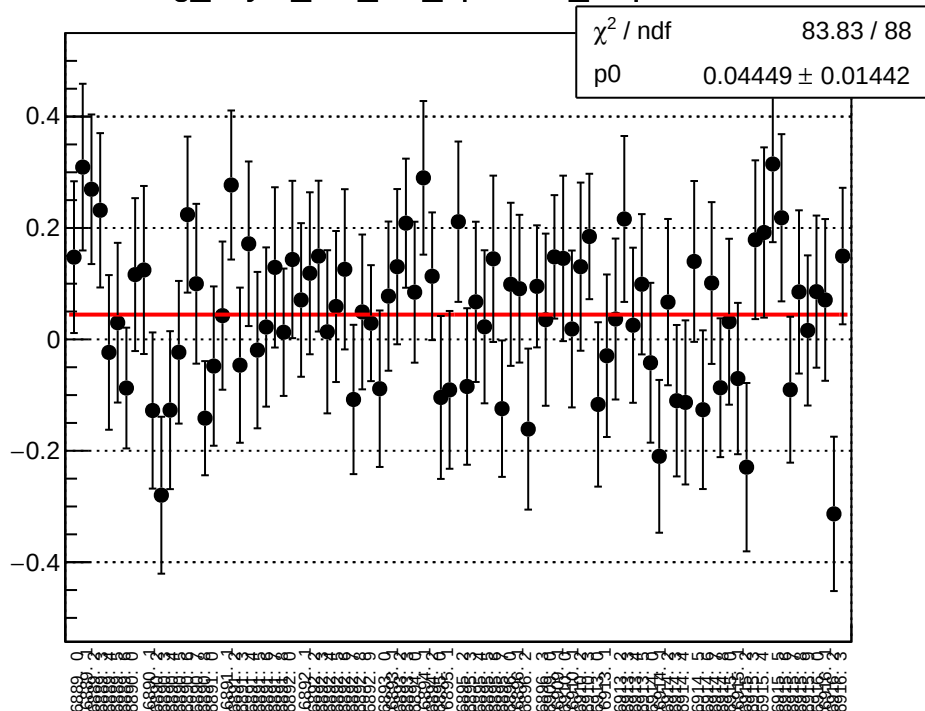
reg_asym_dsr_diff_bpm4eY_slope vs run



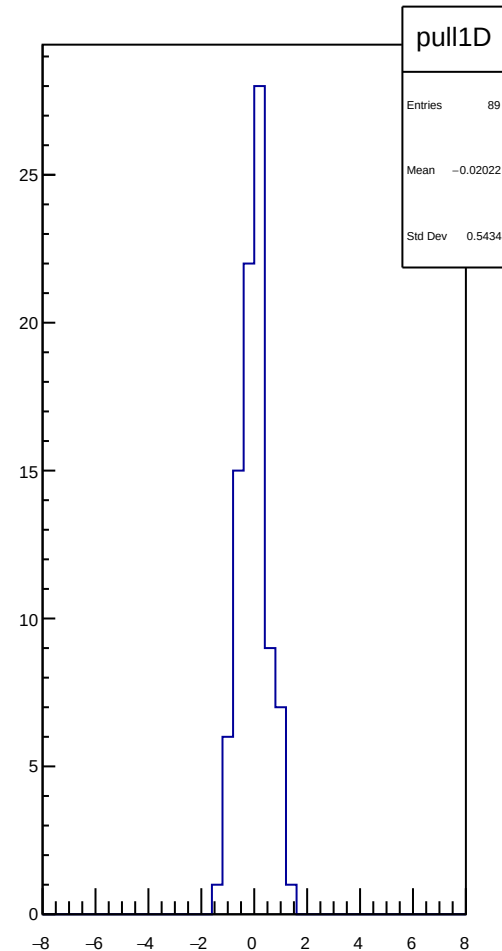
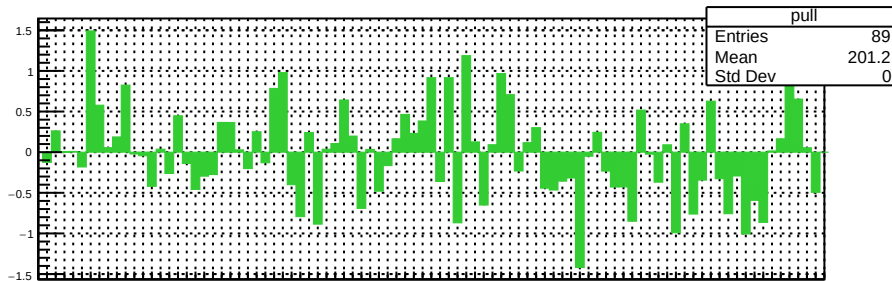
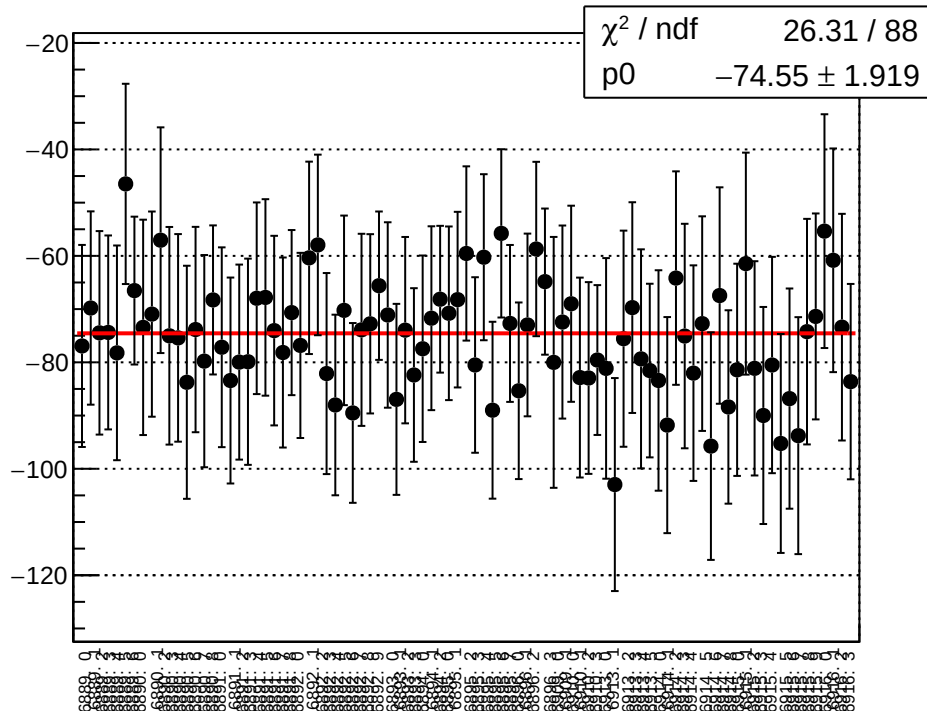
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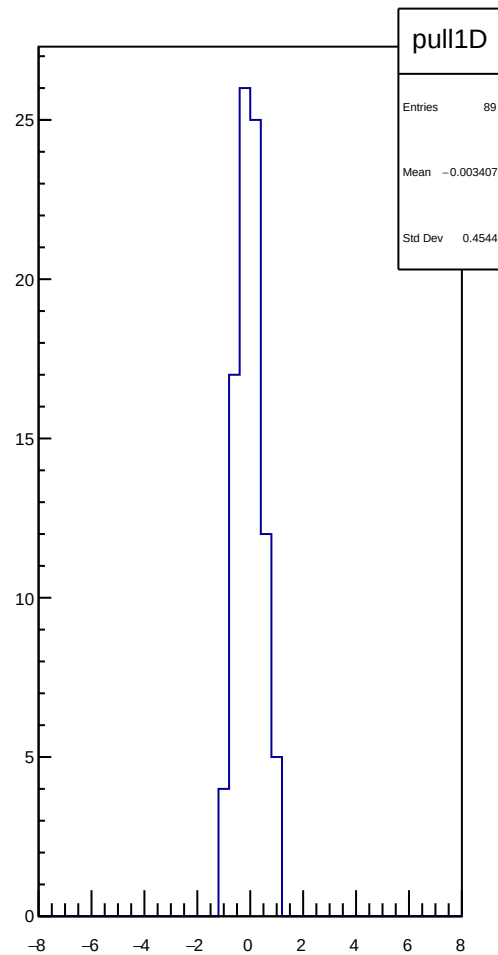
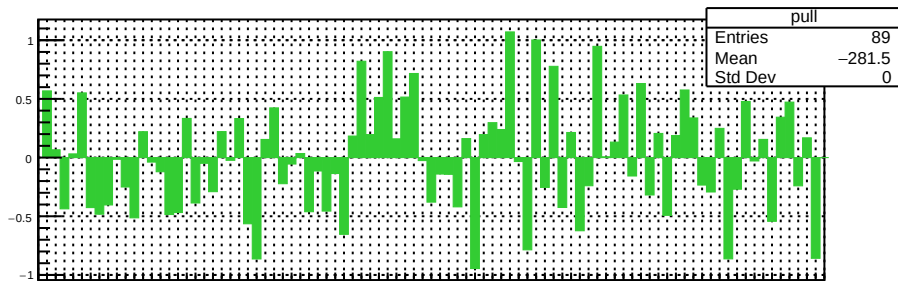
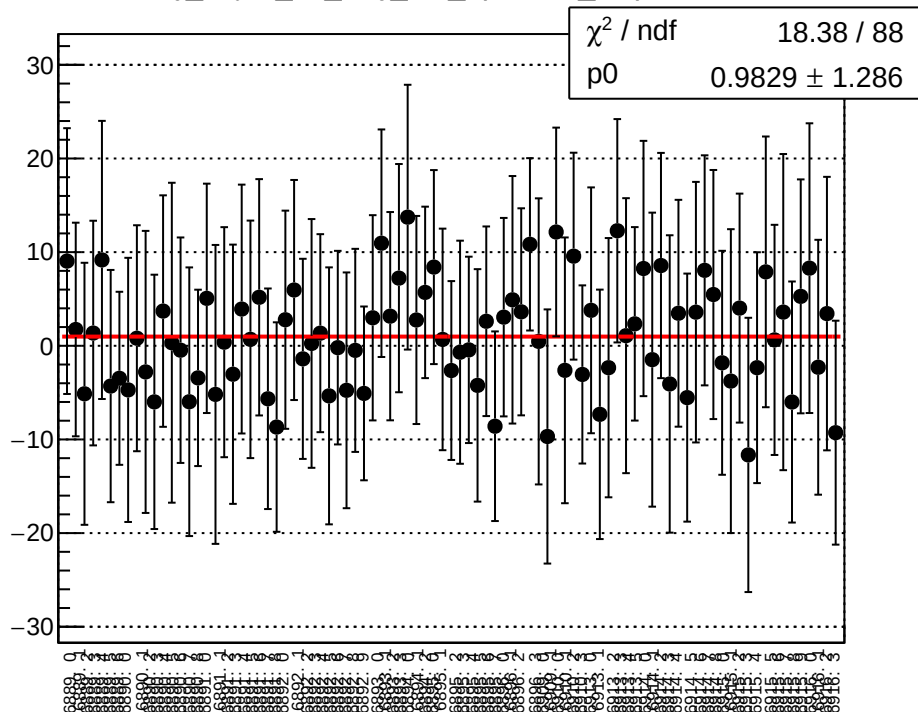
reg_asym_dsr_diff_bpm12X_slope vs run



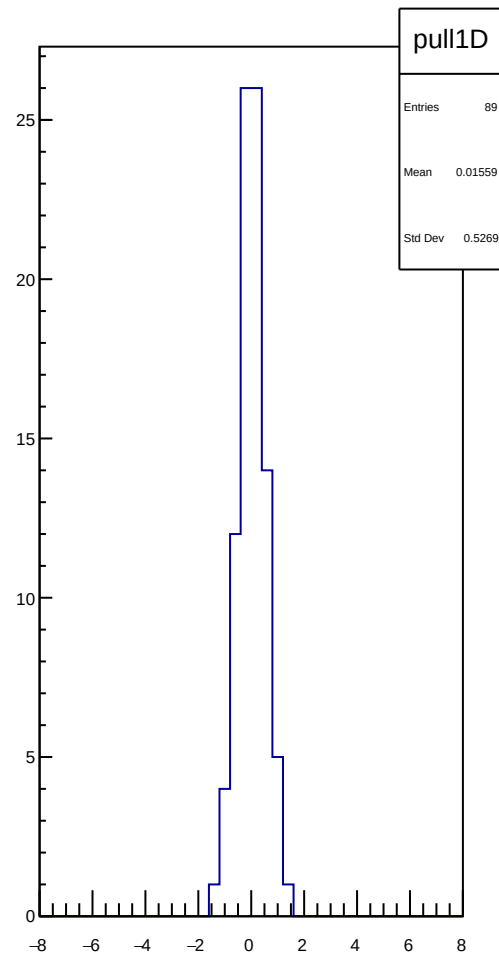
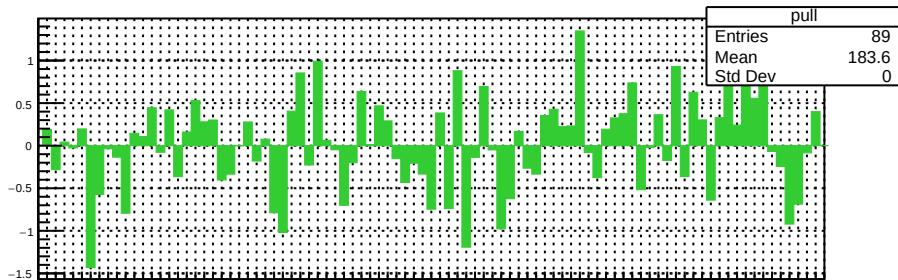
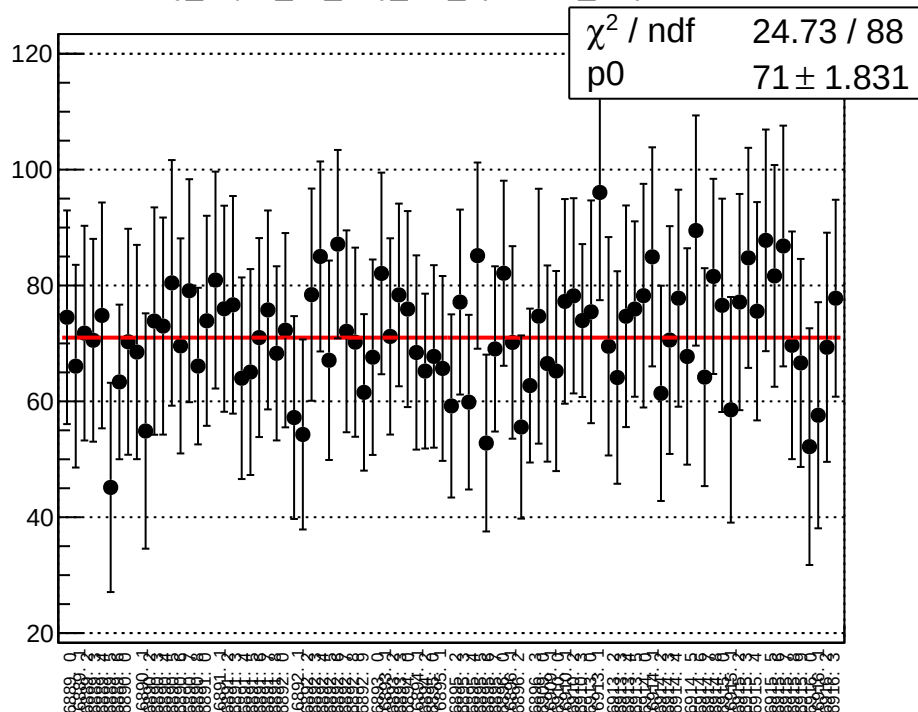
reg_asym_us_avg_diff_bpm1X_slope vs run



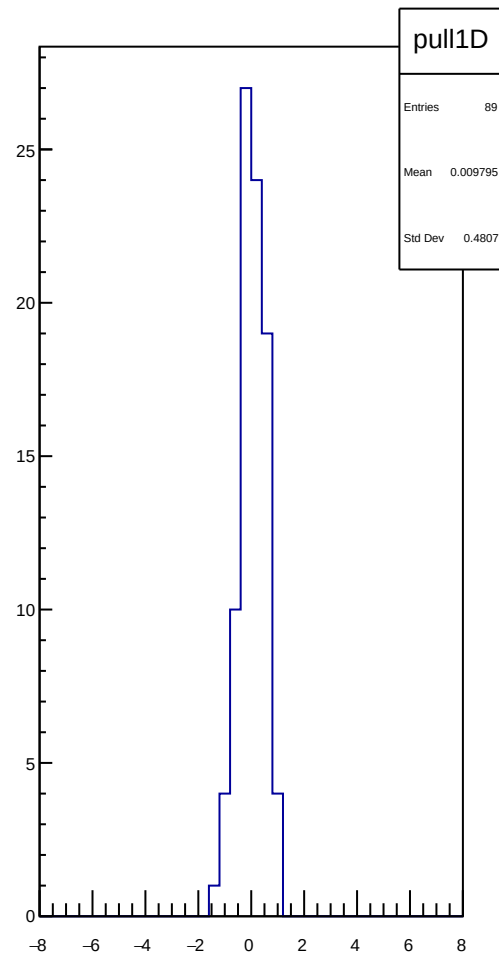
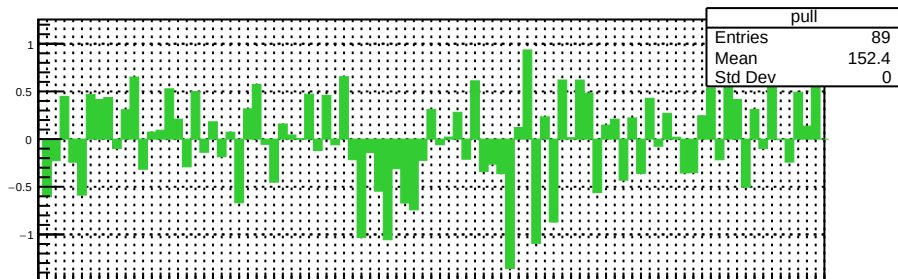
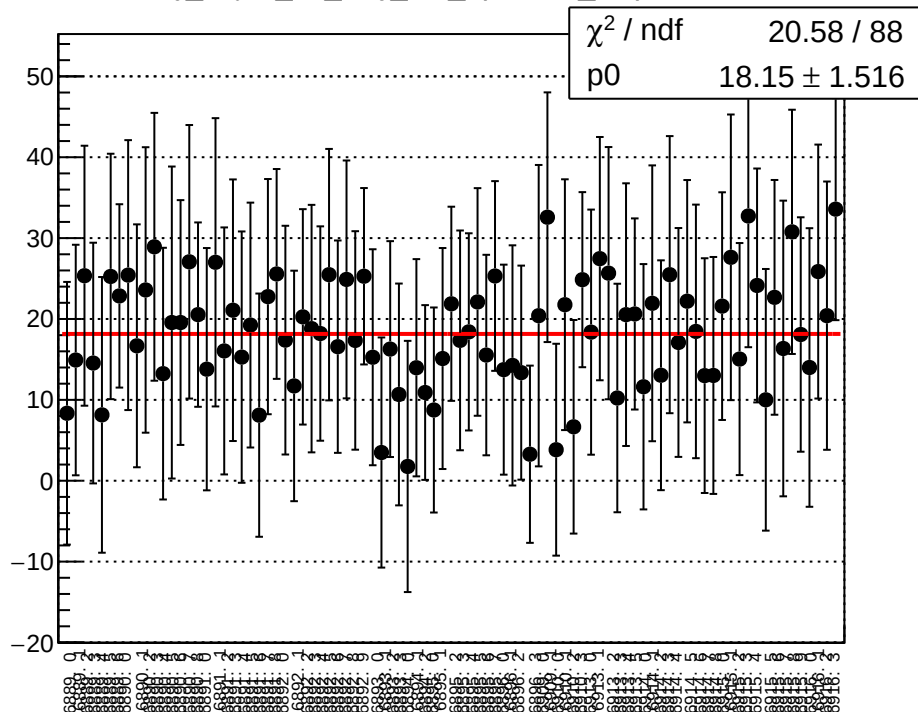
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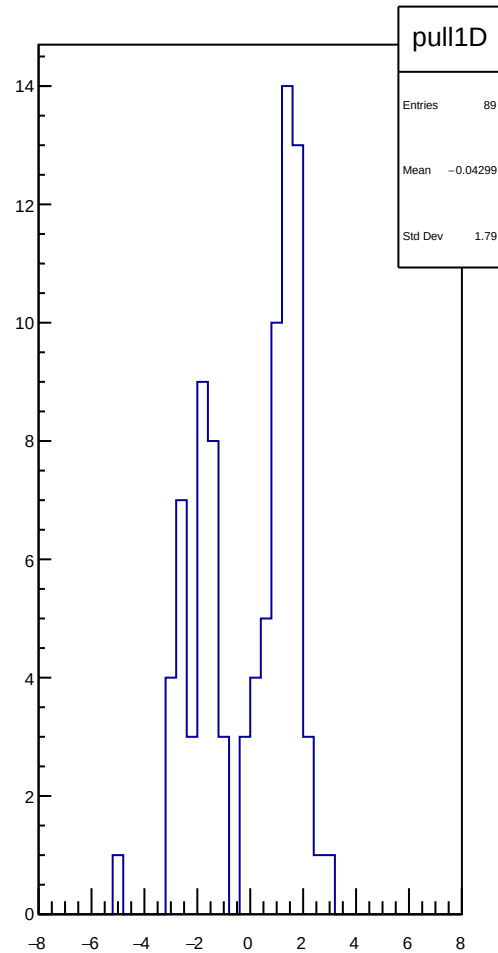
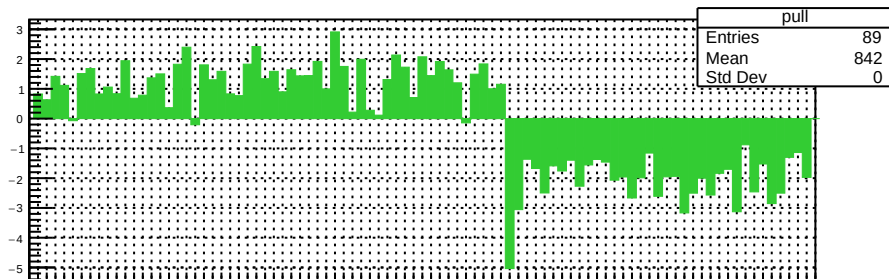
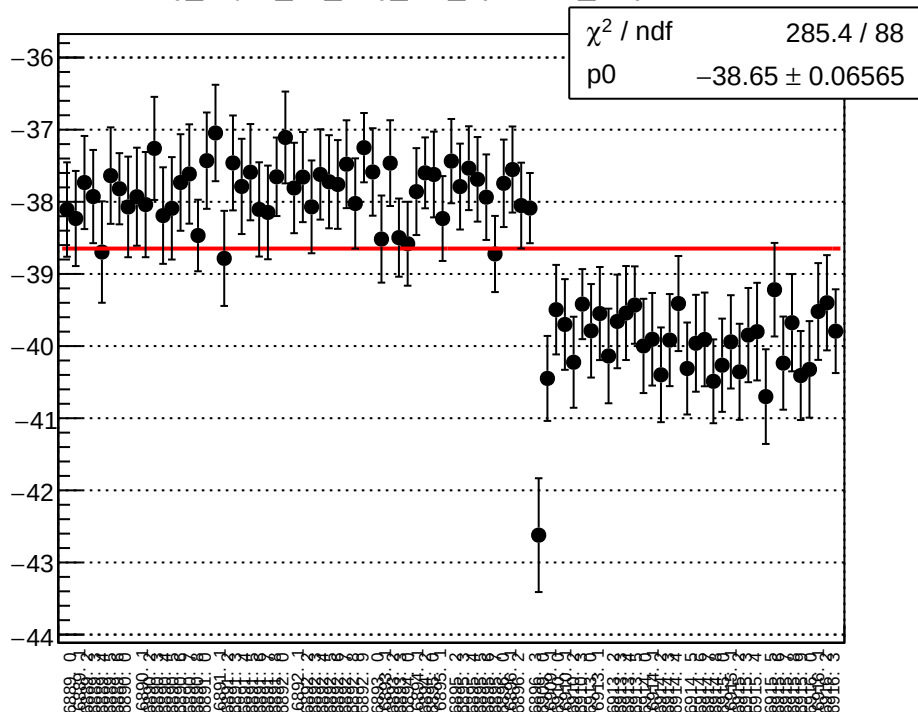
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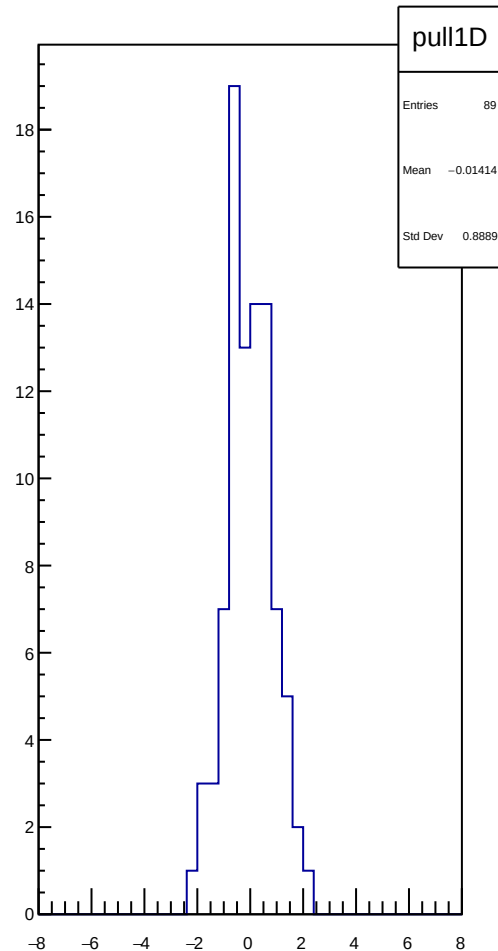
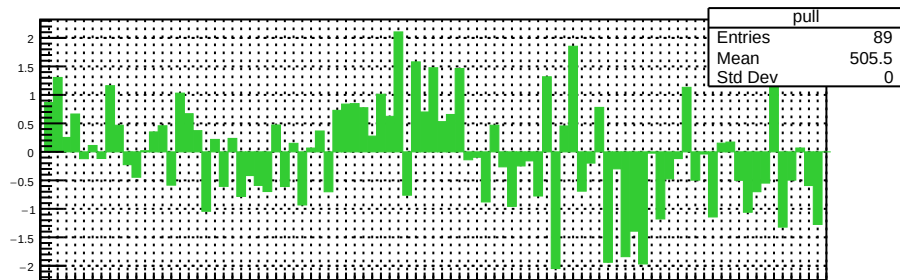
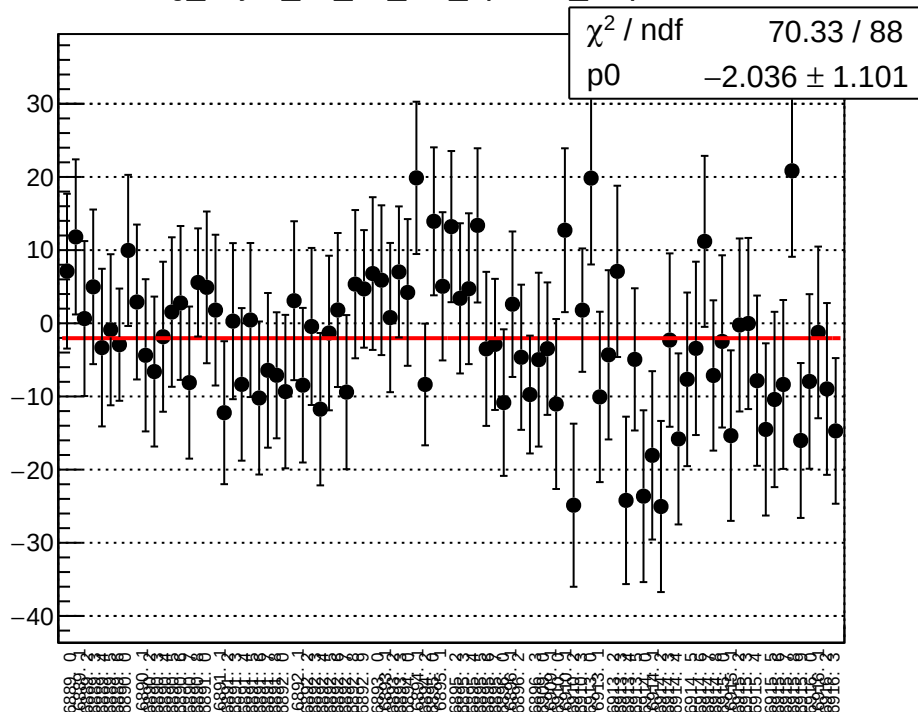
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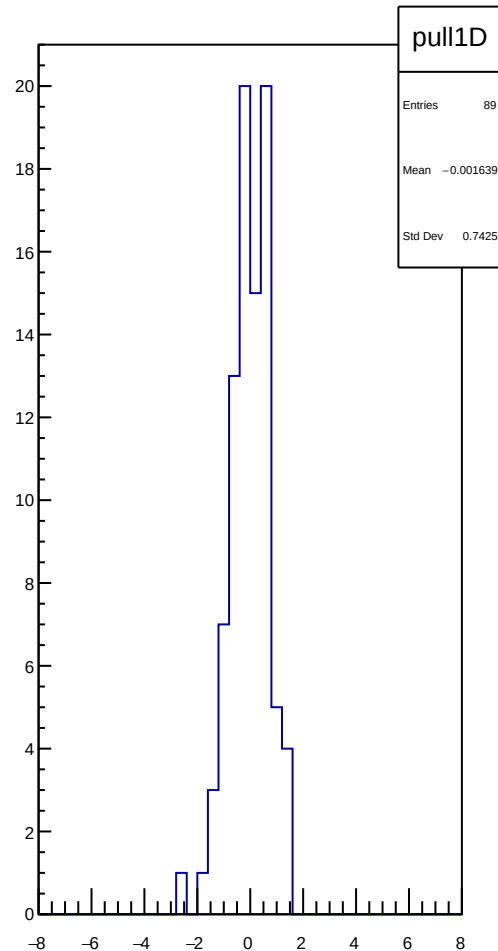
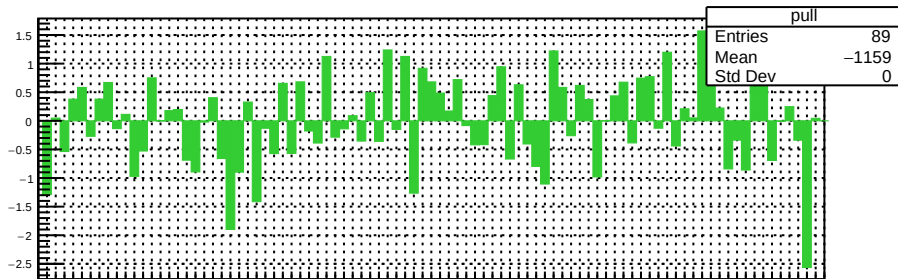
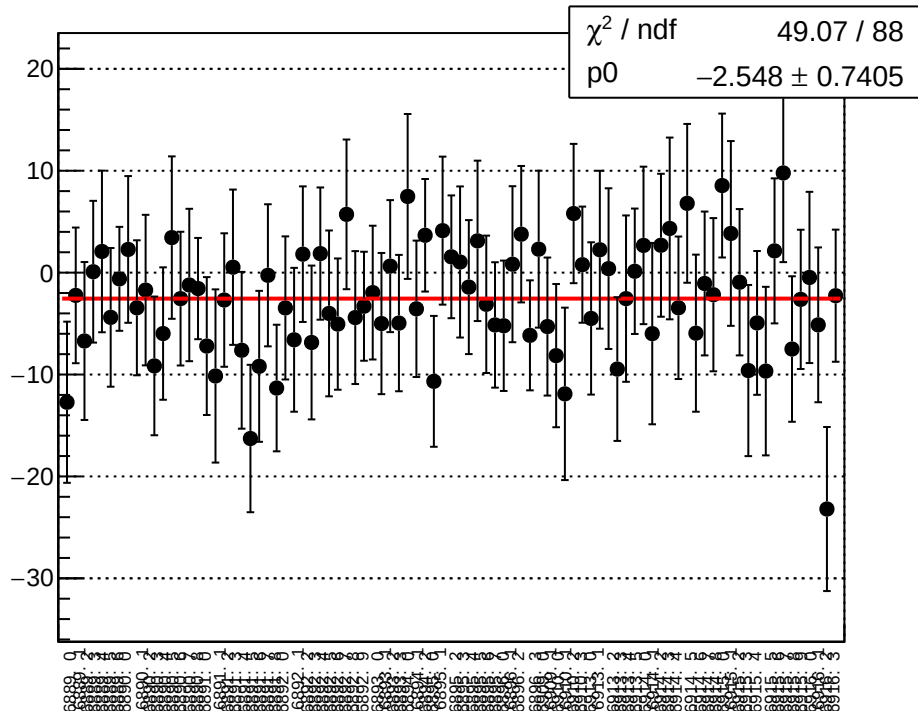
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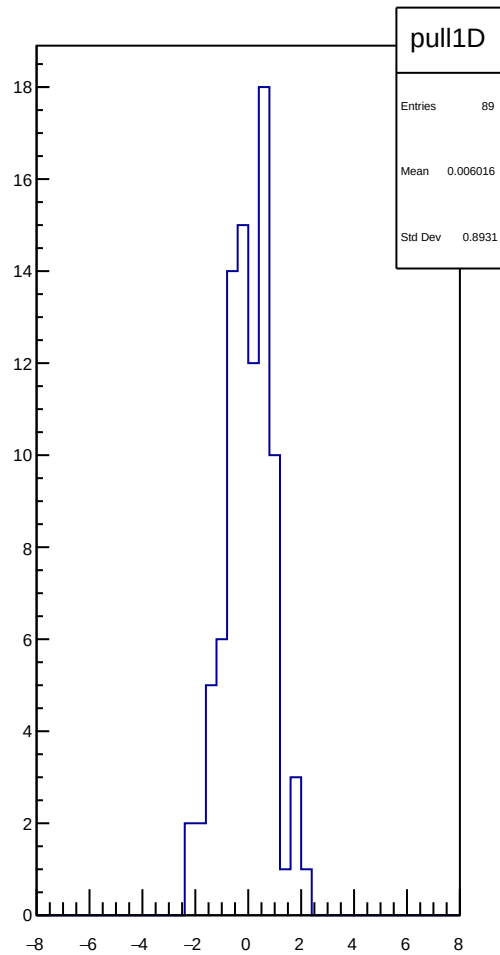
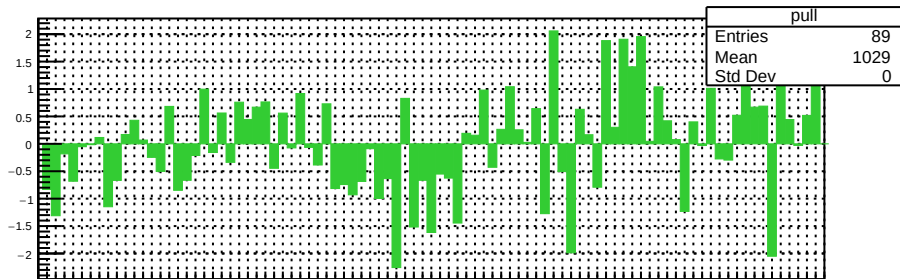
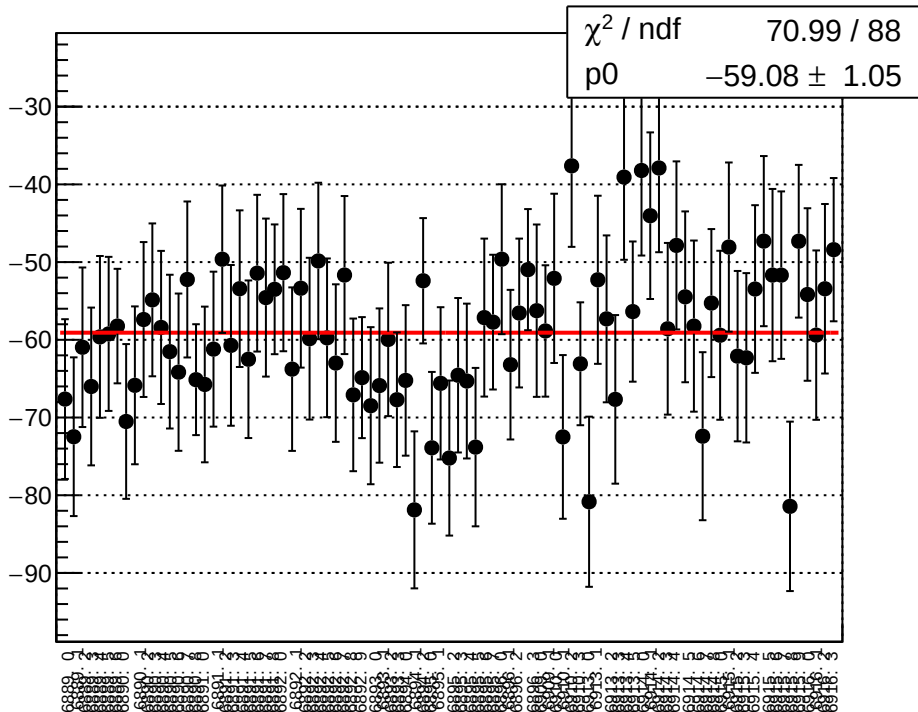
reg_asym_us_dd_diff_bpm1X_slope vs run



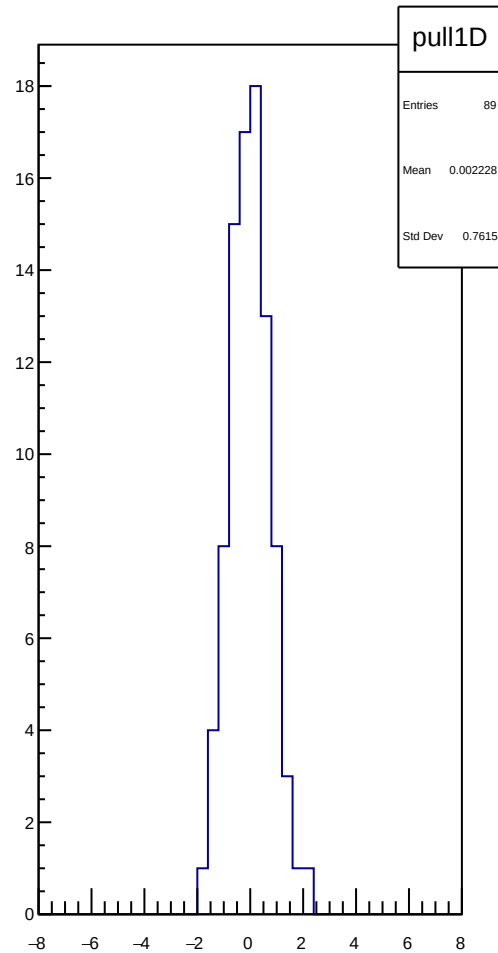
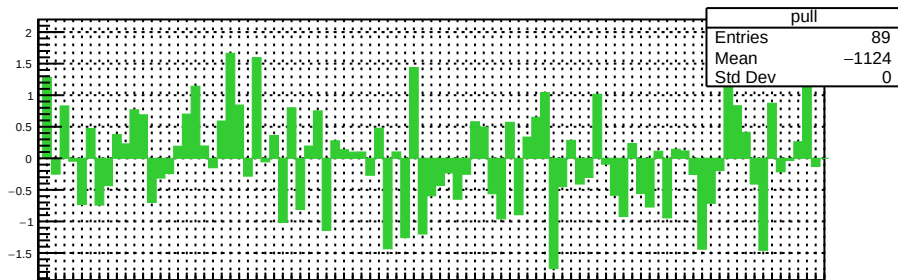
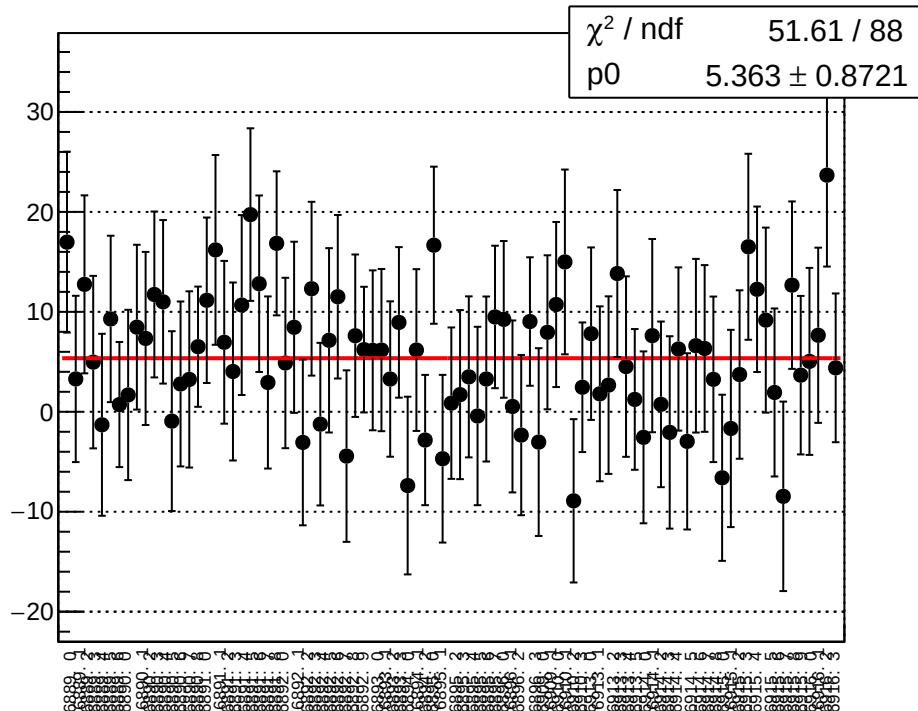
reg_asym_us_dd_diff_bpm4aY_slope vs run



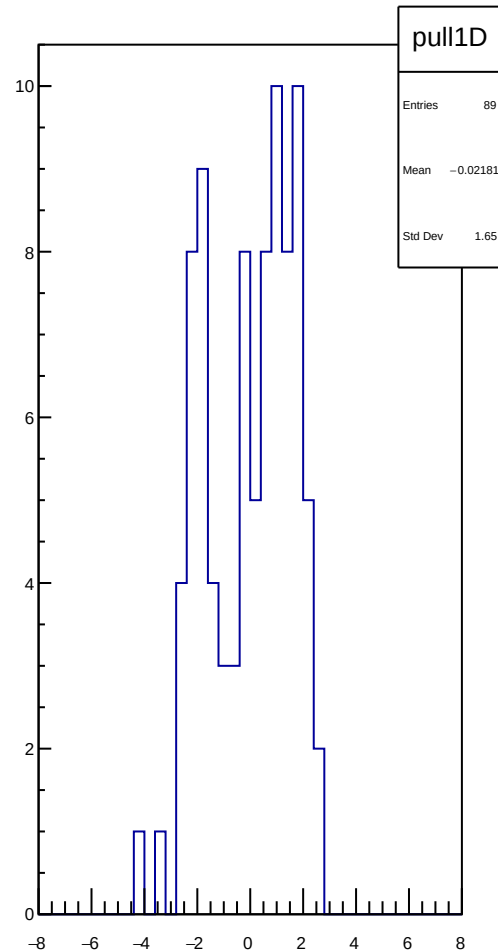
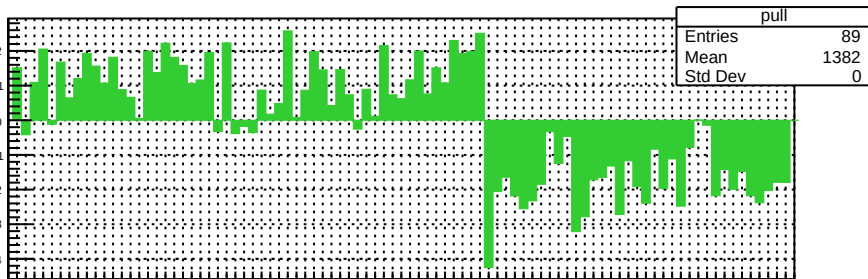
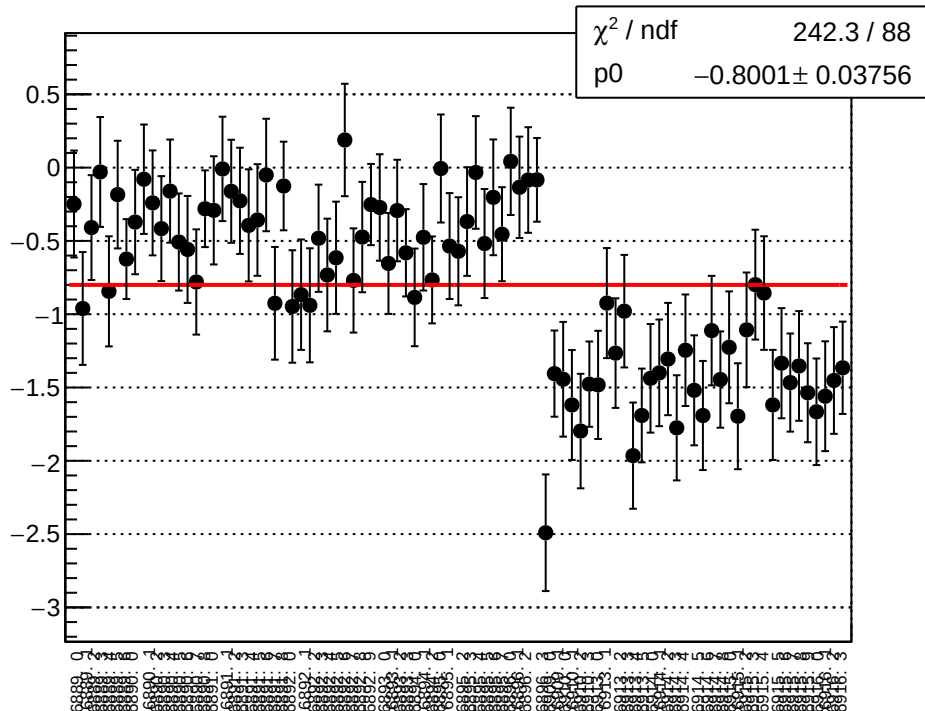
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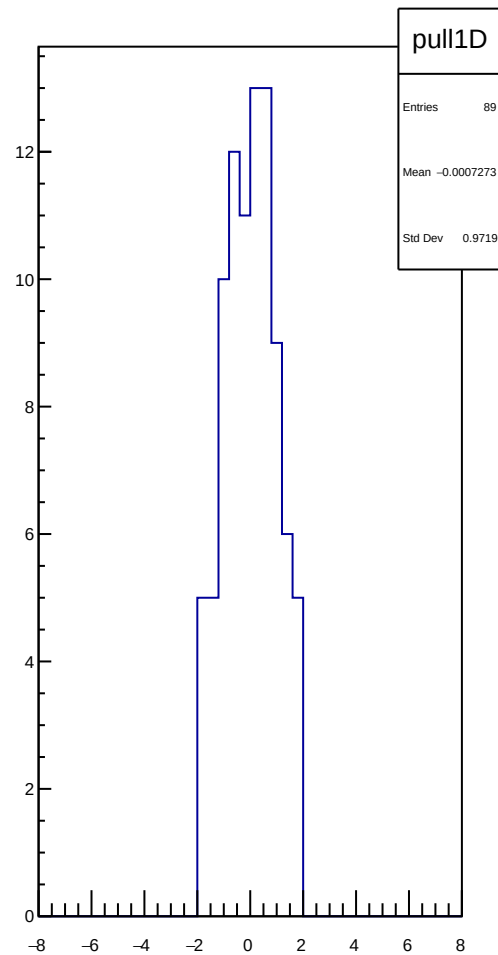
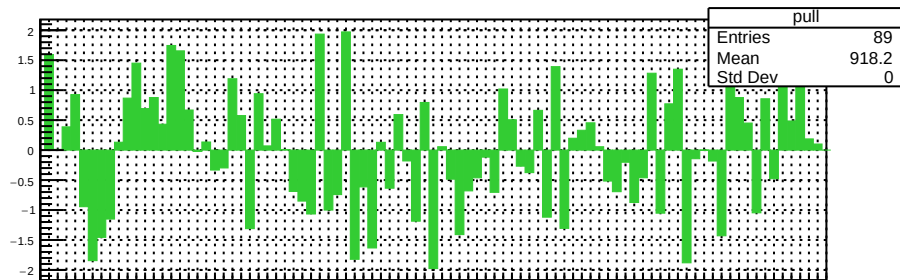
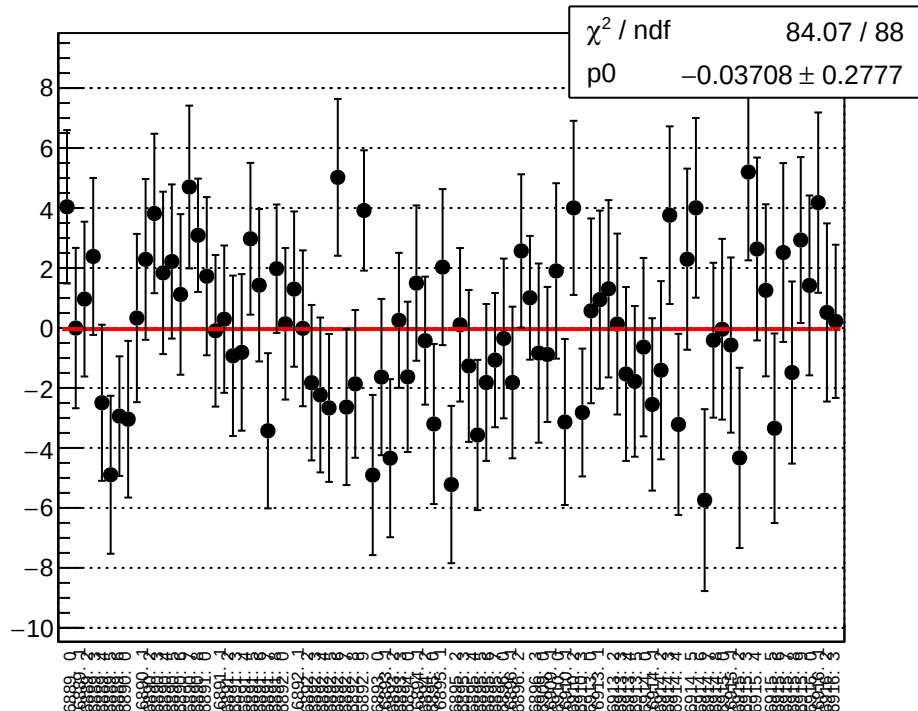
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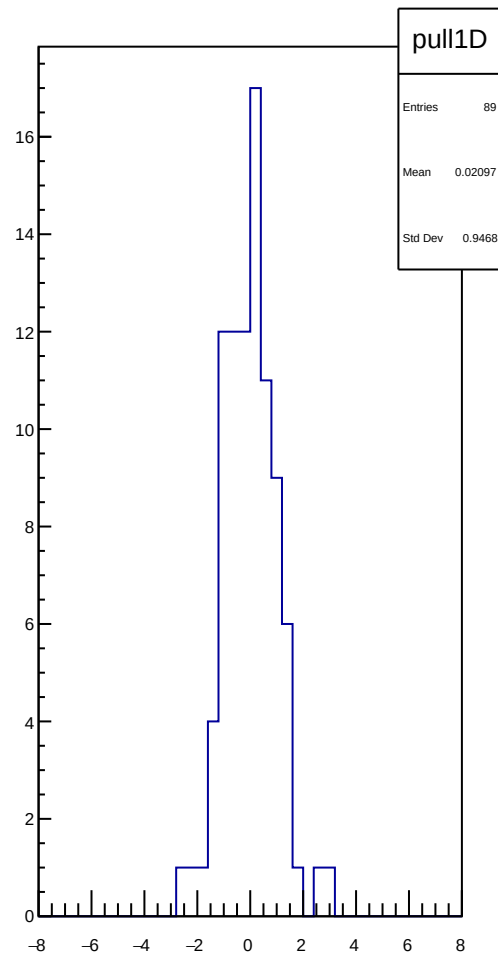
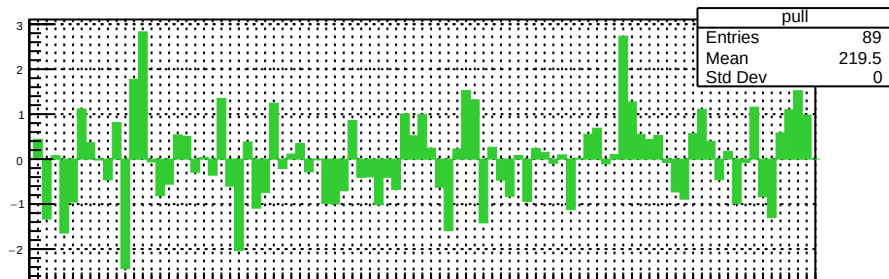
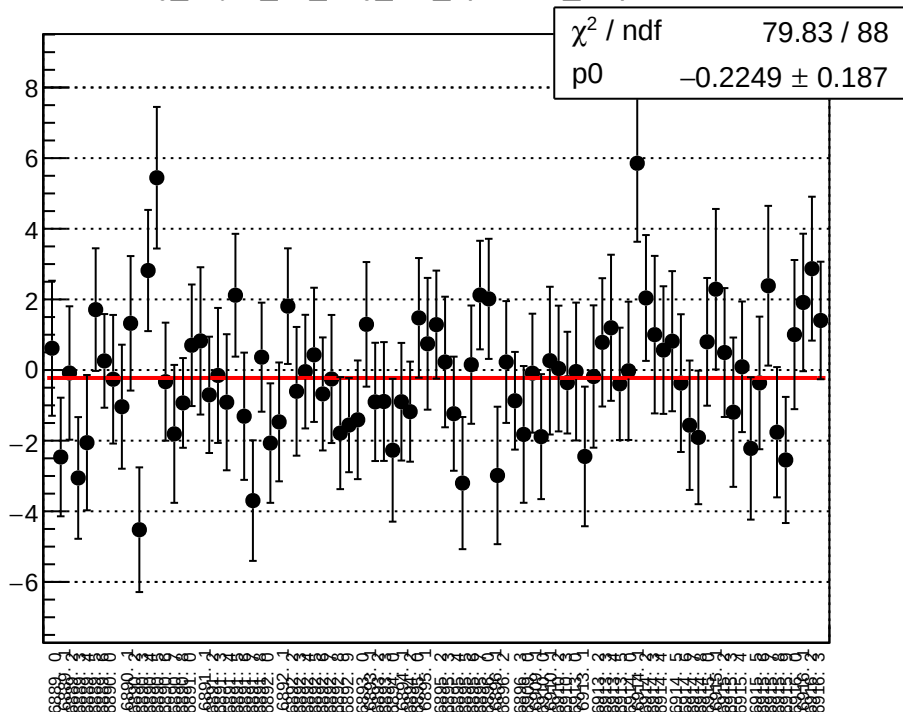
reg_asym_us_dd_diff_bpm12X_slope vs run



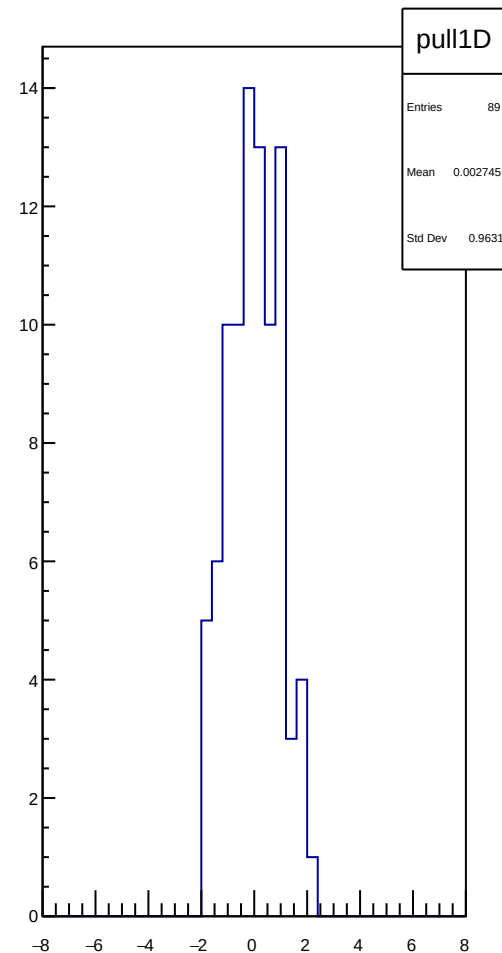
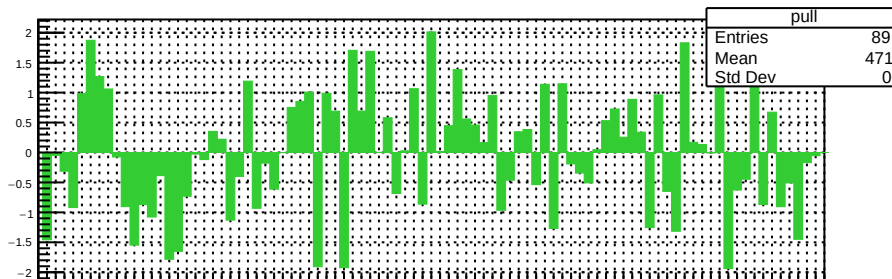
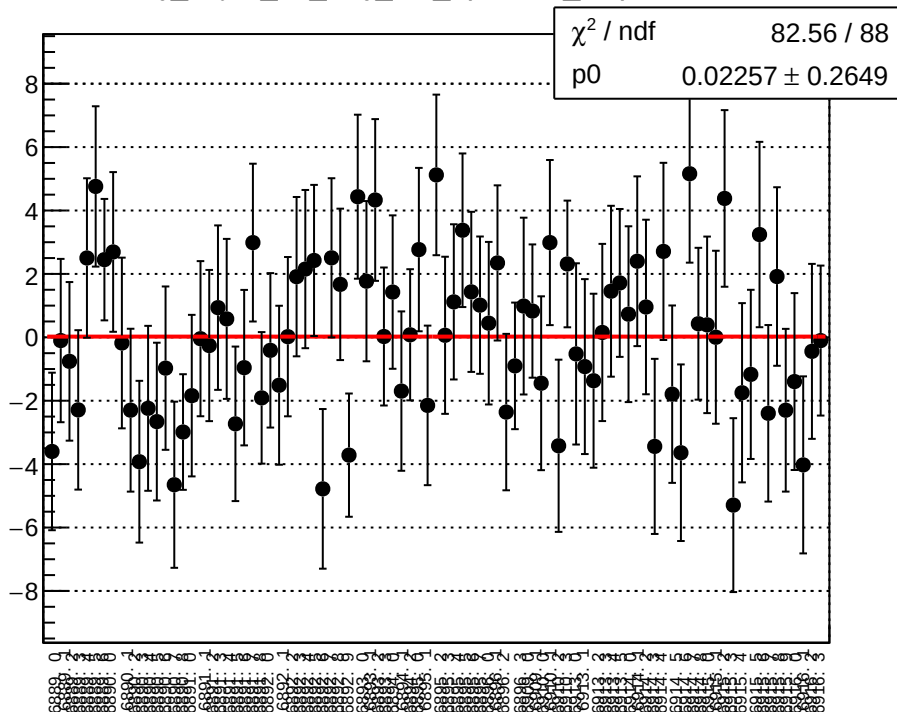
reg_asym_ds_avg_diff_bpm1X_slope vs run



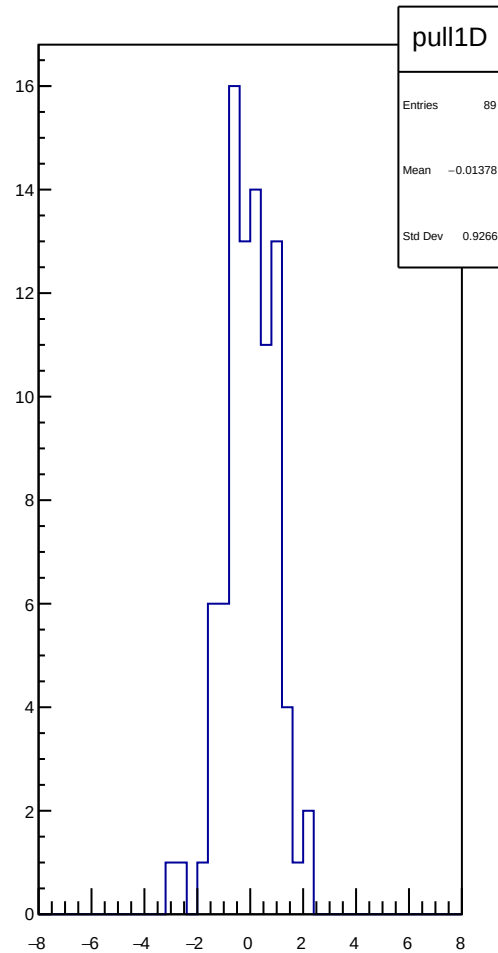
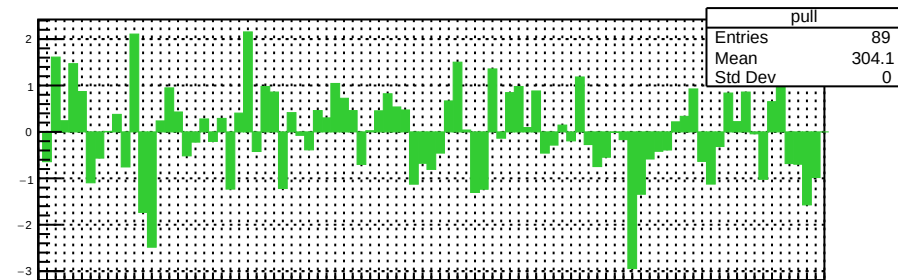
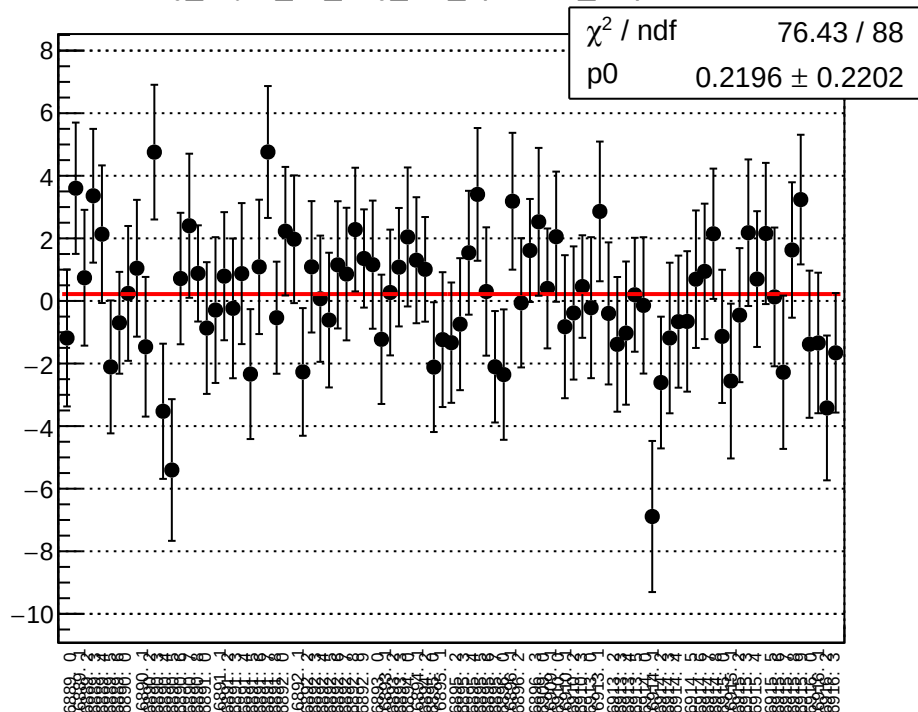
reg_asym_ds_avg_diff_bpm4aY_slope vs run



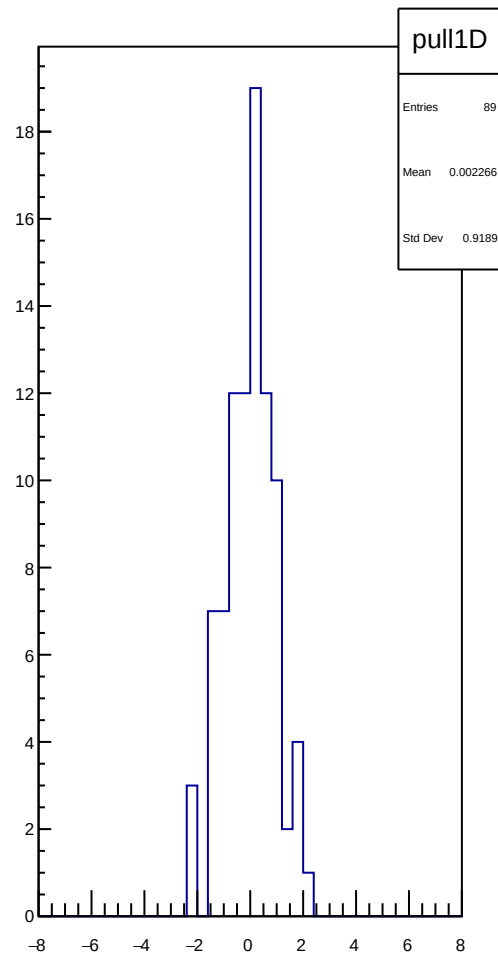
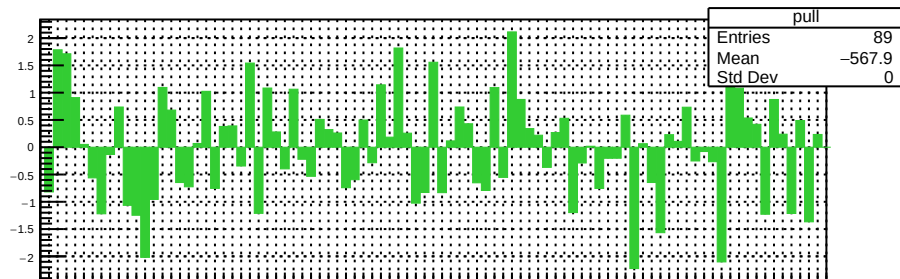
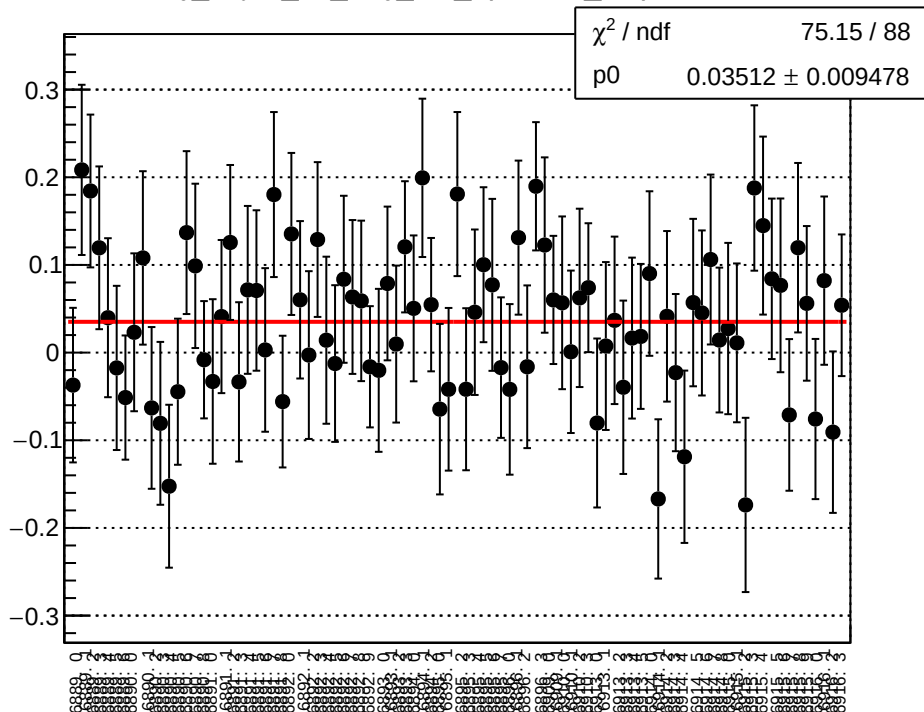
reg_asym_ds_avg_diff_bpm4eX_slope vs run



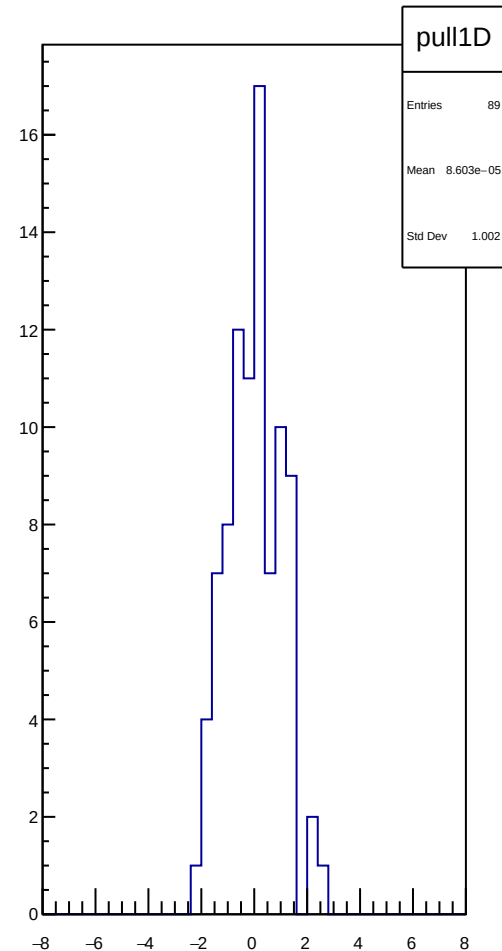
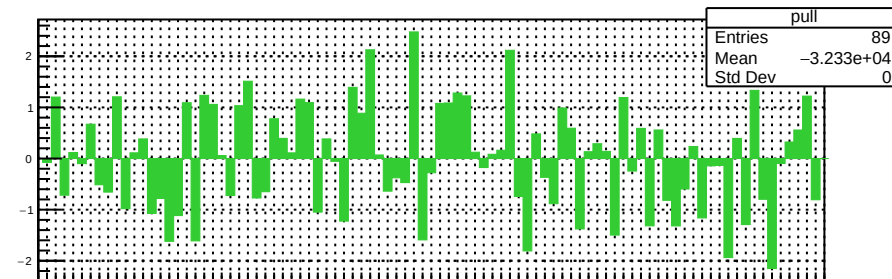
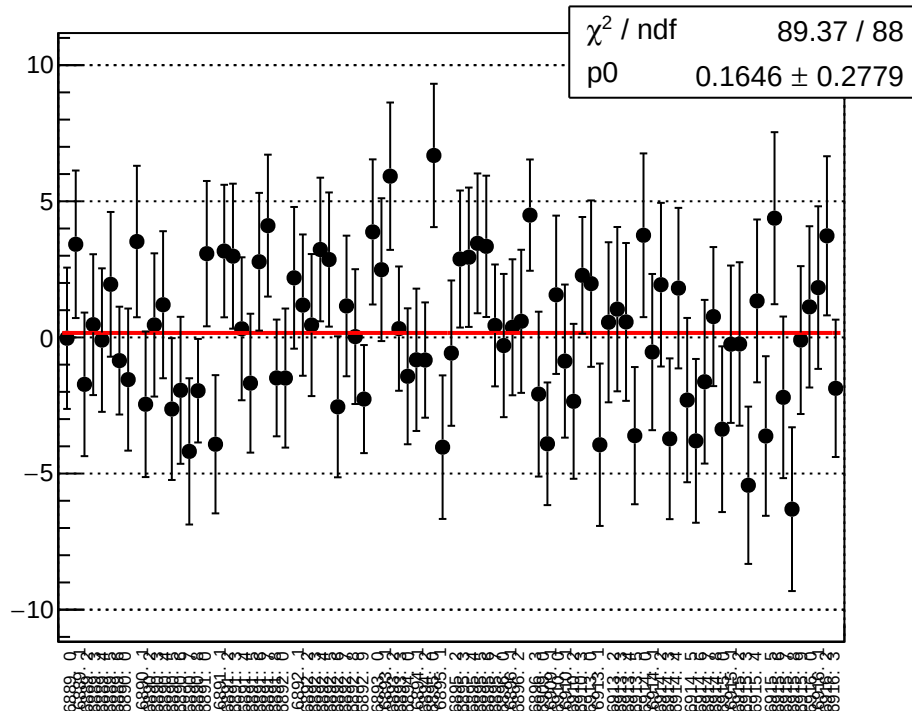
reg_asym_ds_avg_diff_bpm4eY_slope vs run



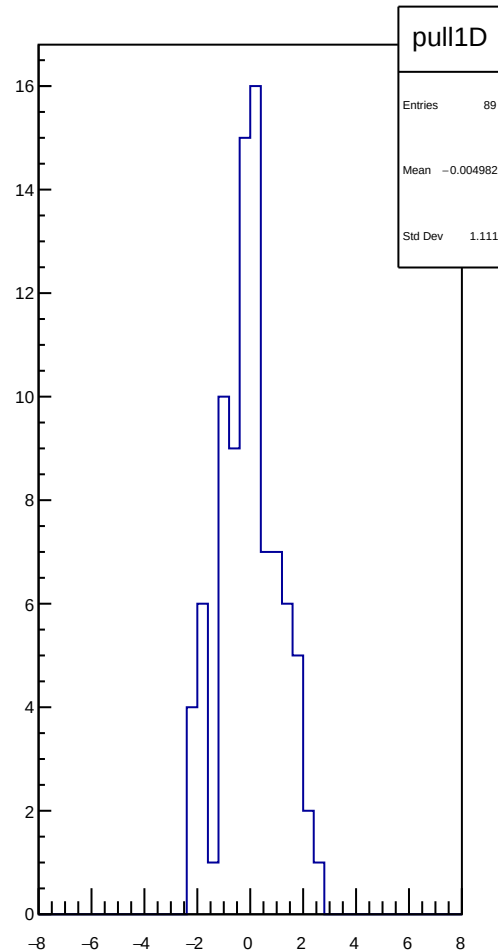
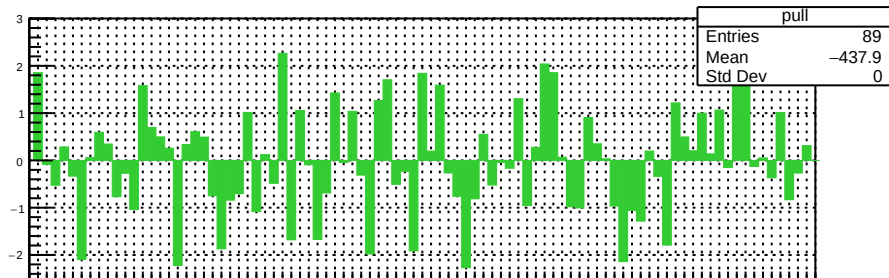
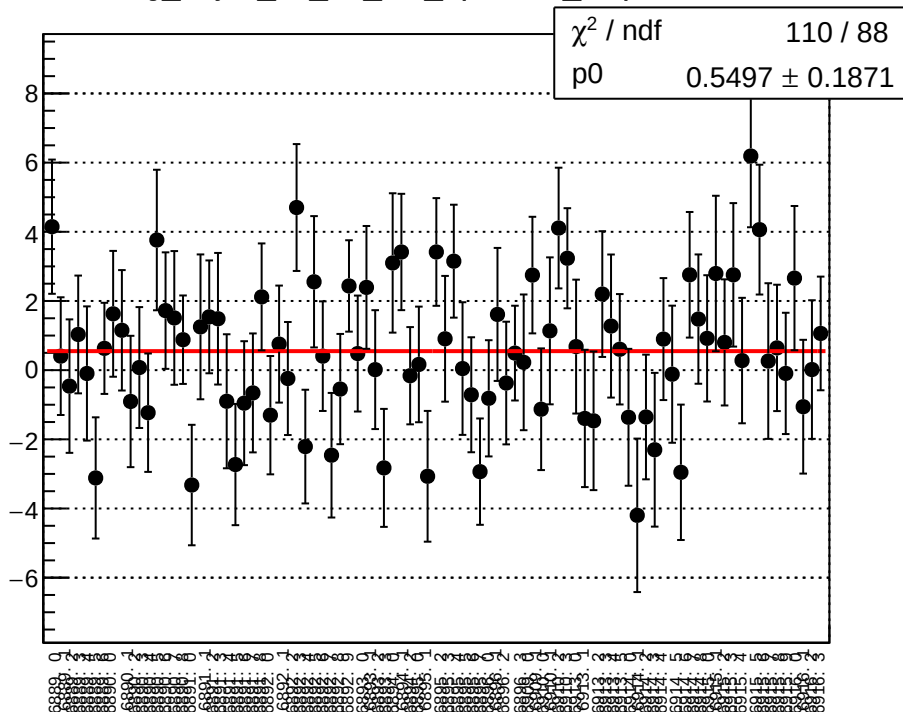
reg_asym_ds_avg_diff_bpm12X_slope vs run



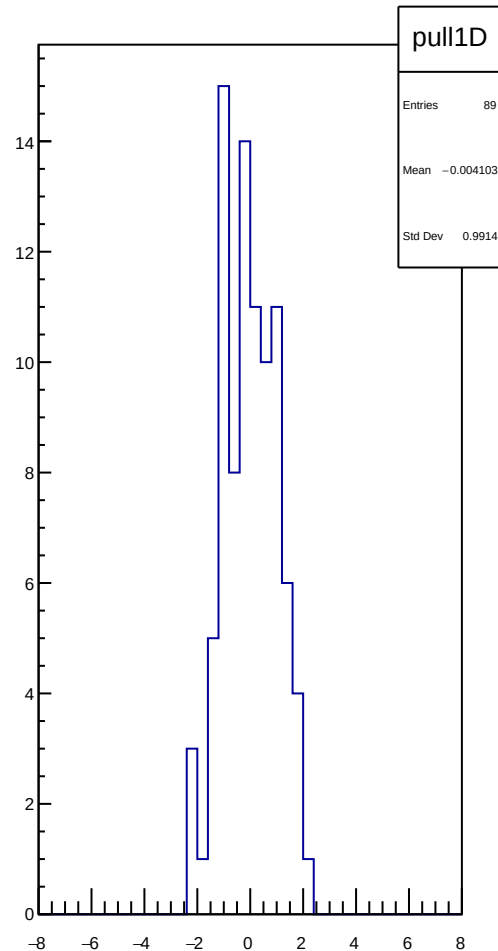
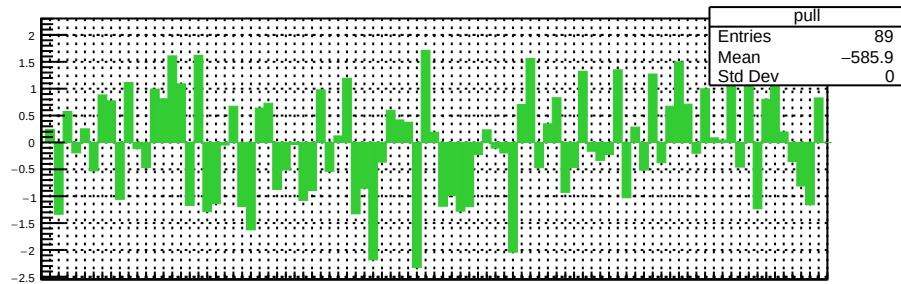
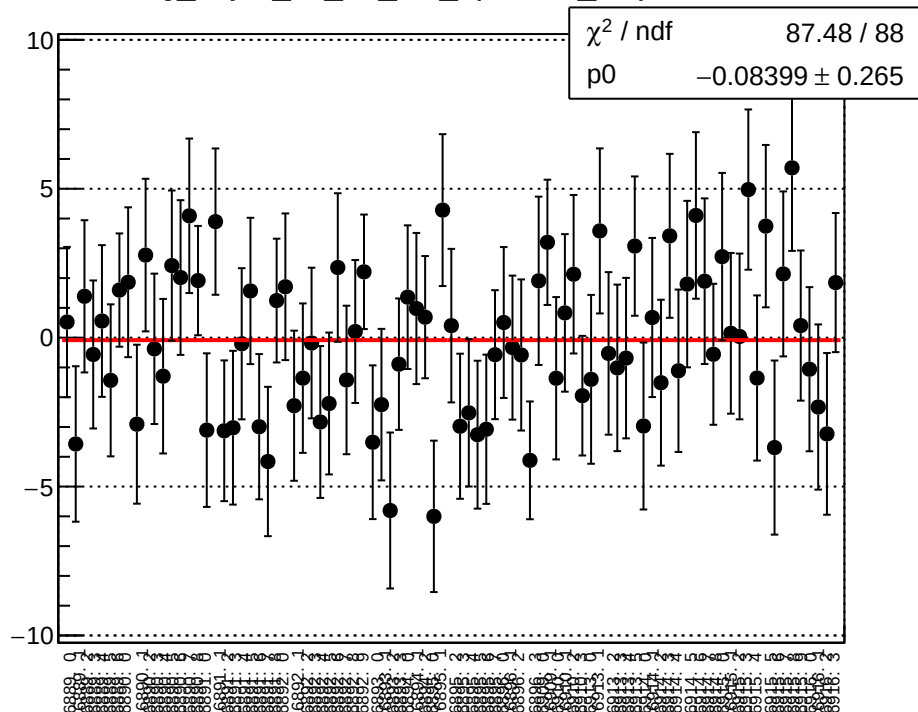
reg_asym_ds_dd_diff_bpm1X_slope vs run



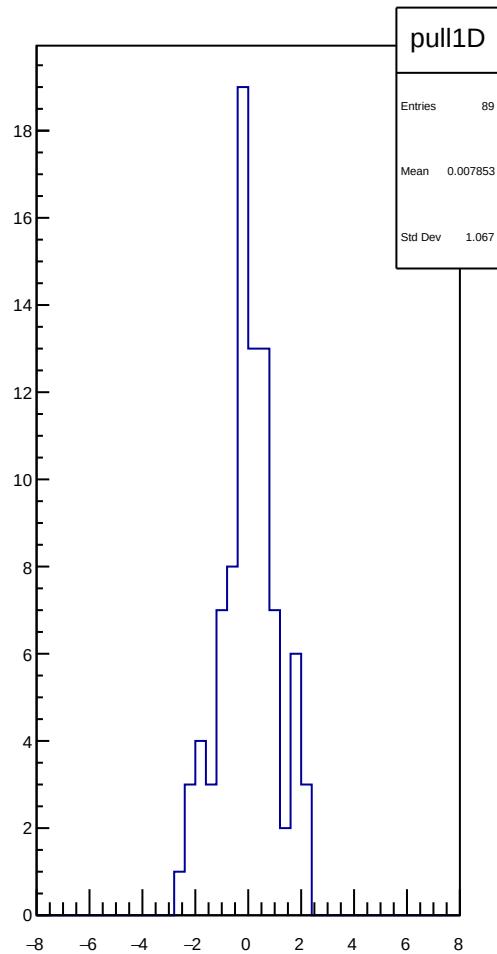
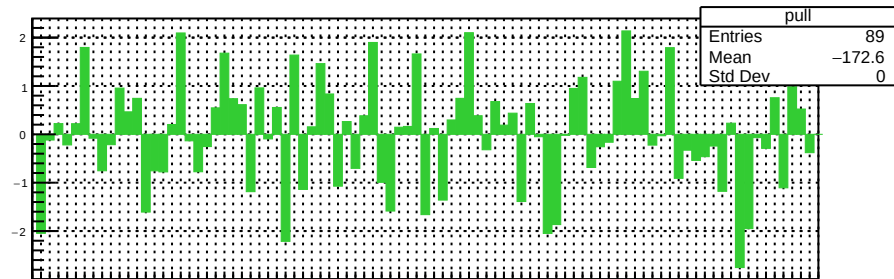
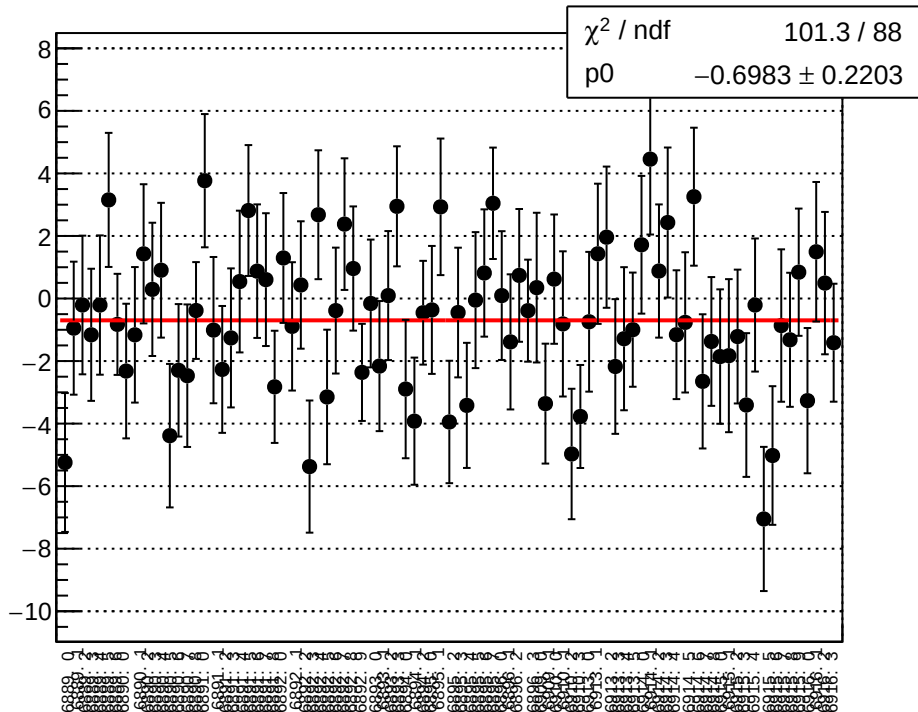
reg_asym_ds_dd_diff_bpm4aY_slope vs run



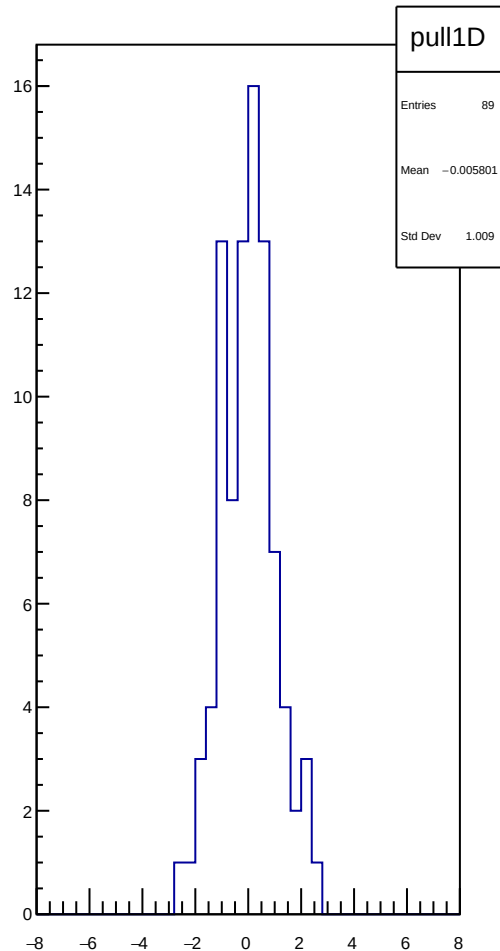
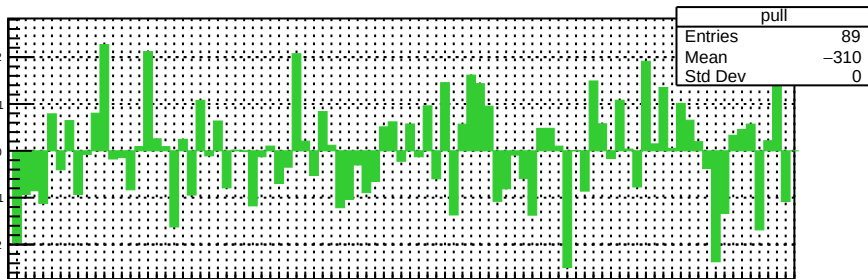
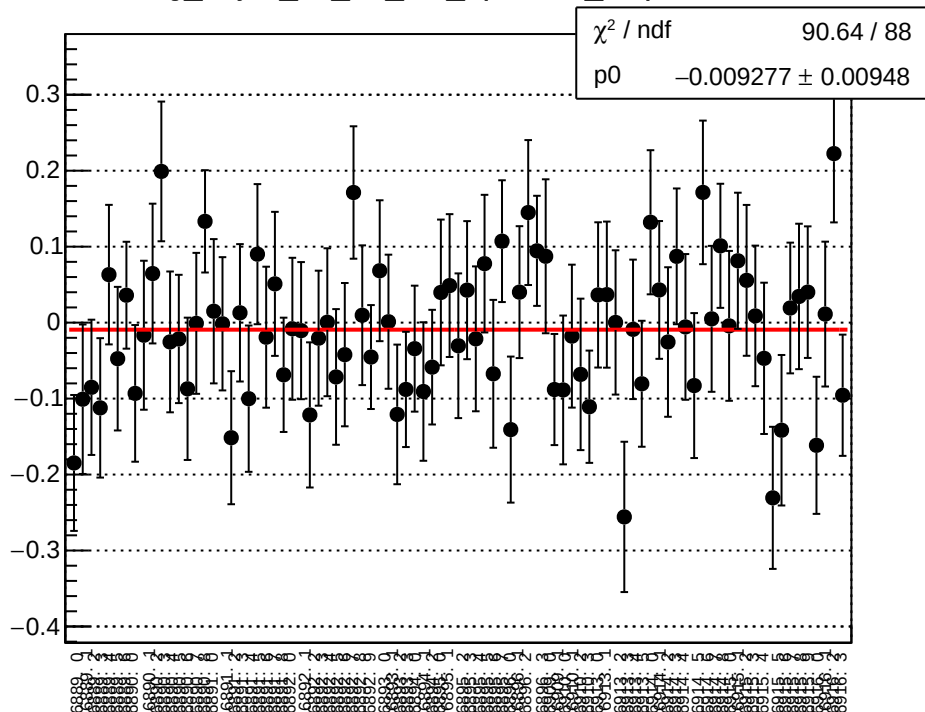
reg_asym_ds_dd_diff_bpm4eX_slope vs run



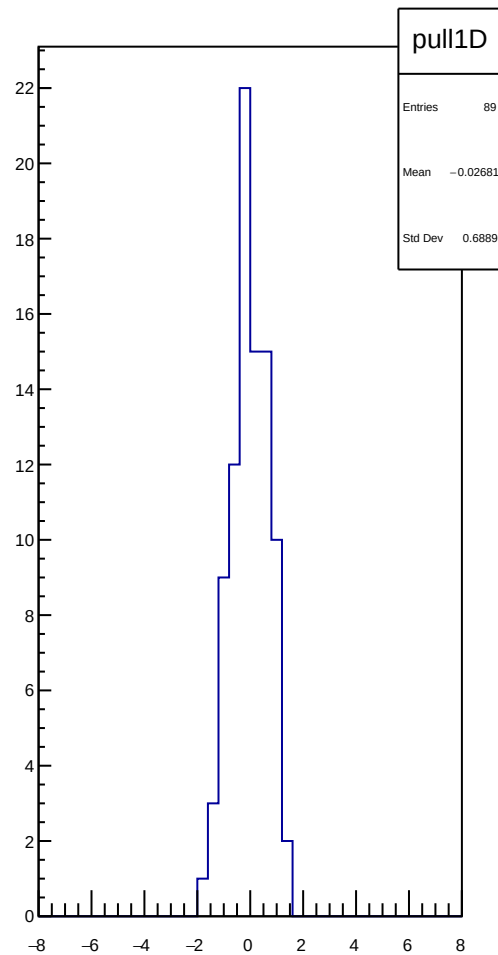
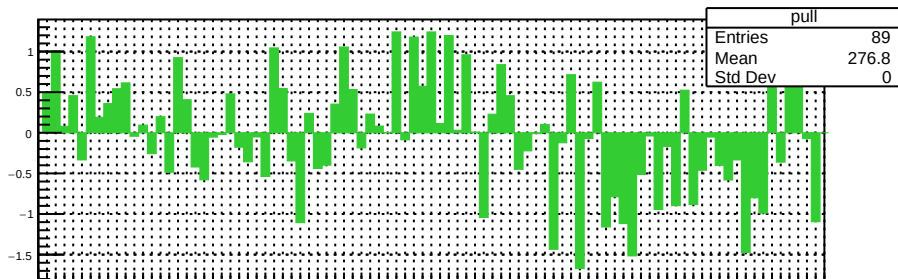
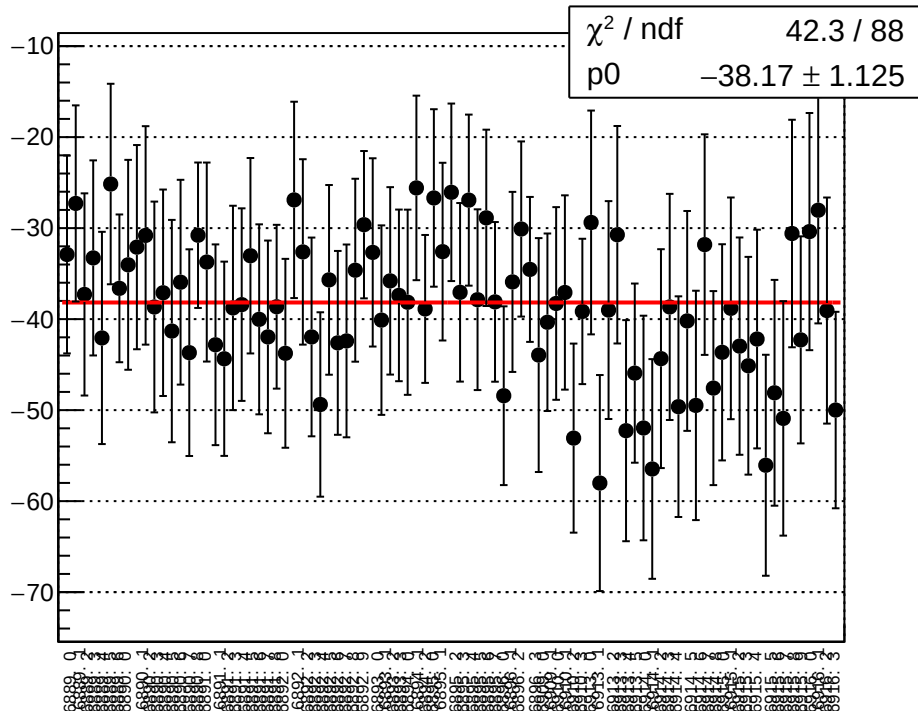
reg_asym_ds_dd_diff_bpm4eY_slope vs run



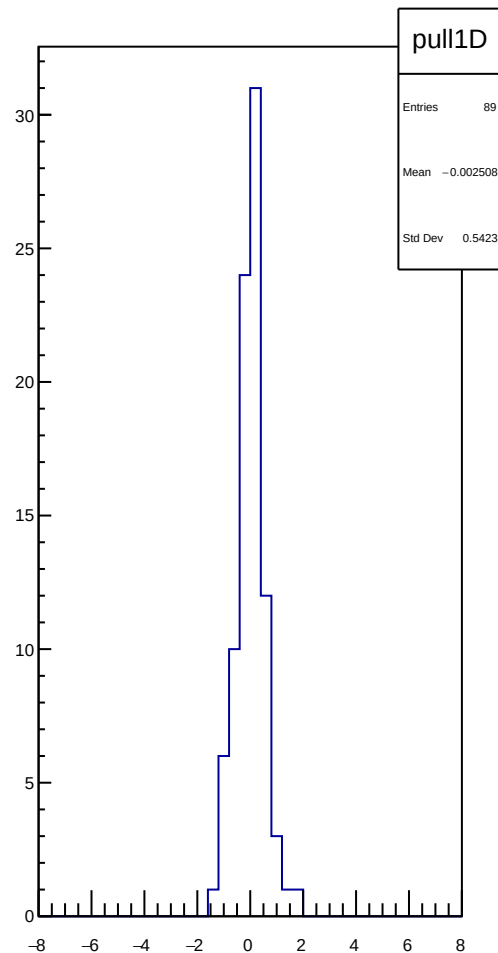
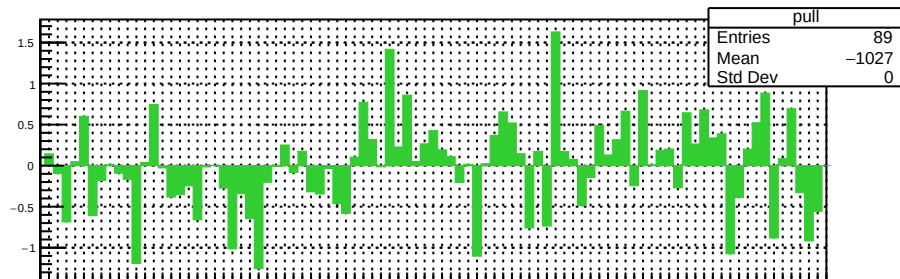
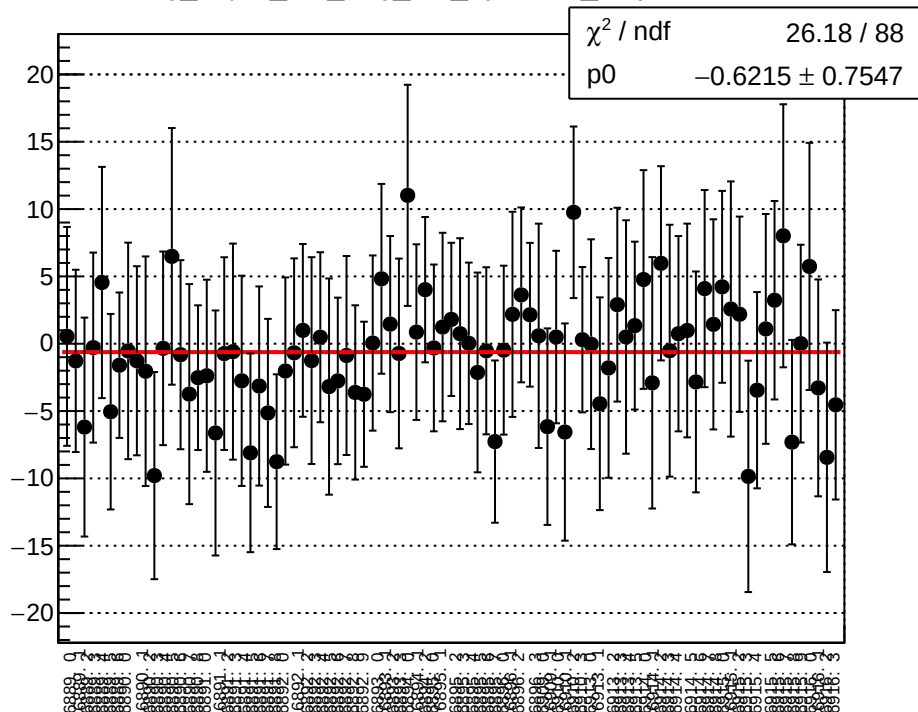
reg_asym_ds_dd_diff_bpm12X_slope vs run



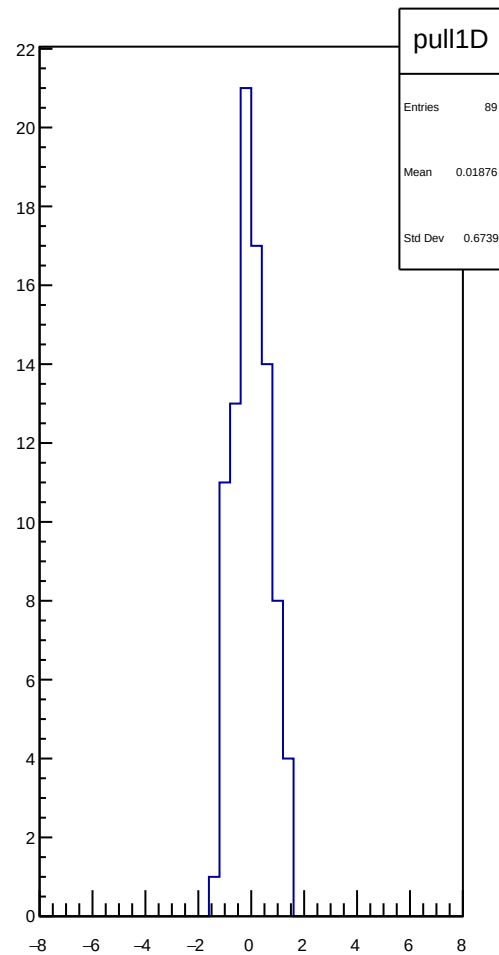
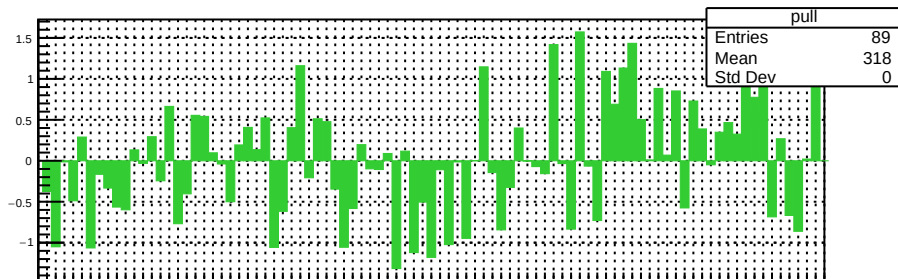
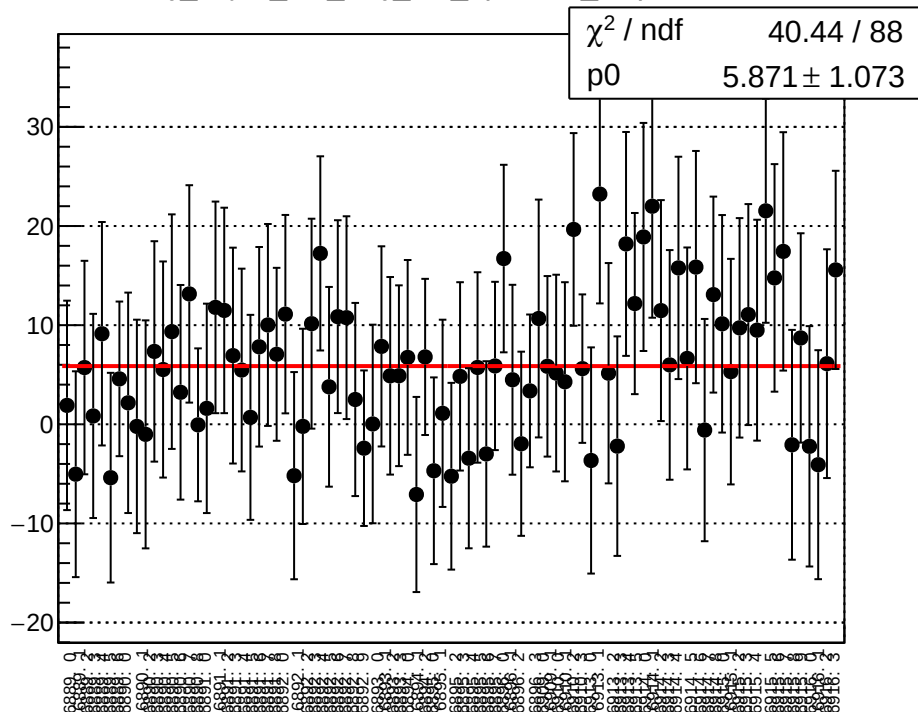
reg_asym_left_avg_diff_bpm1X_slope vs run



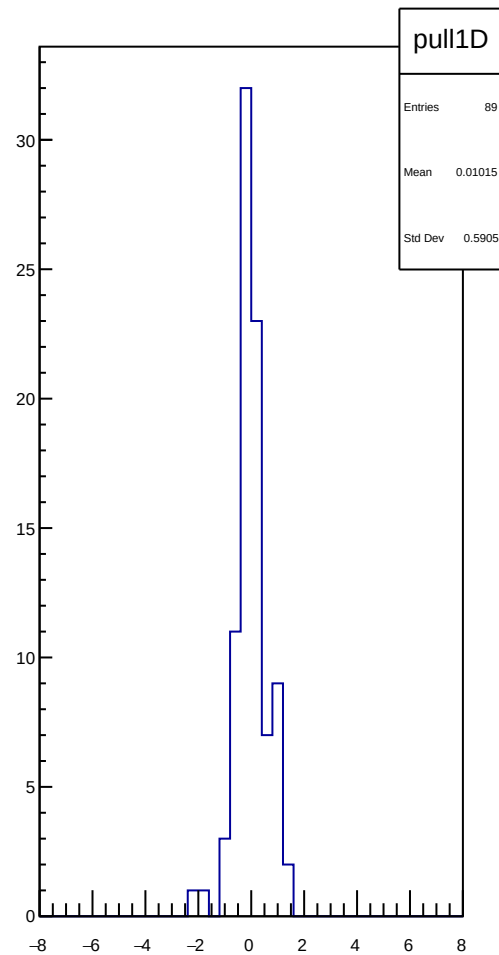
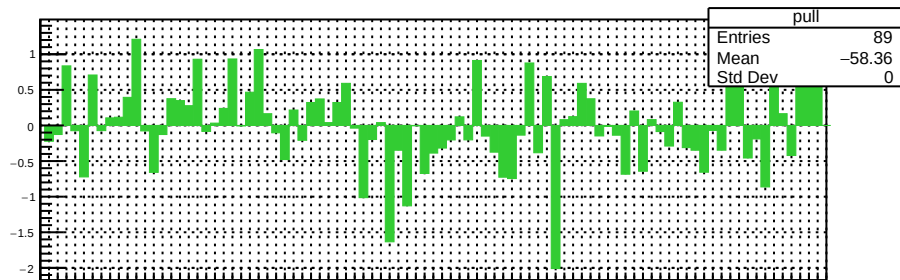
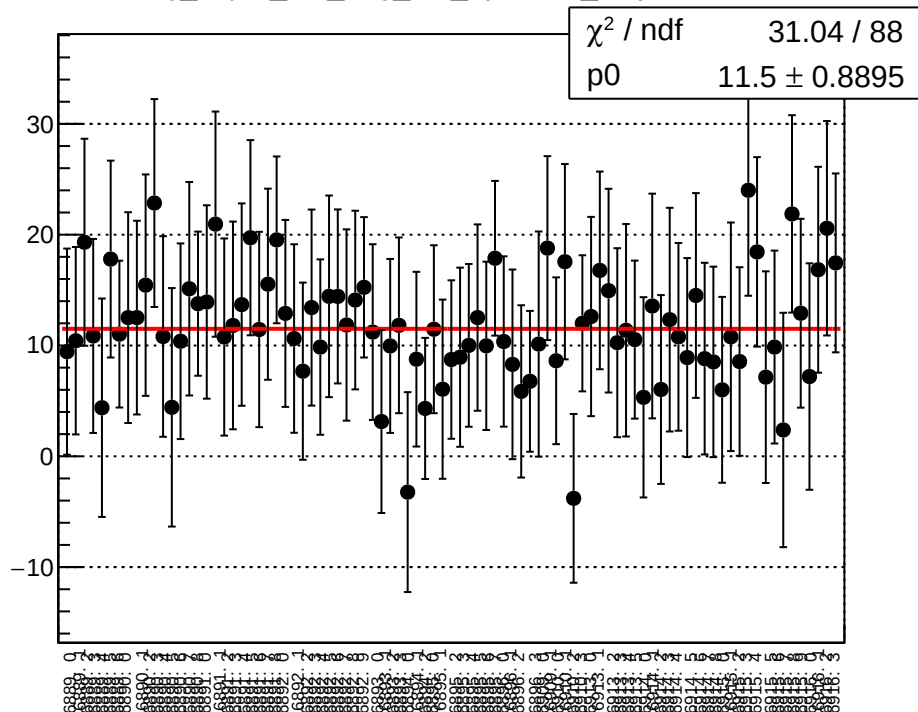
reg_asym_left_avg_diff_bpm4aY_slope vs run



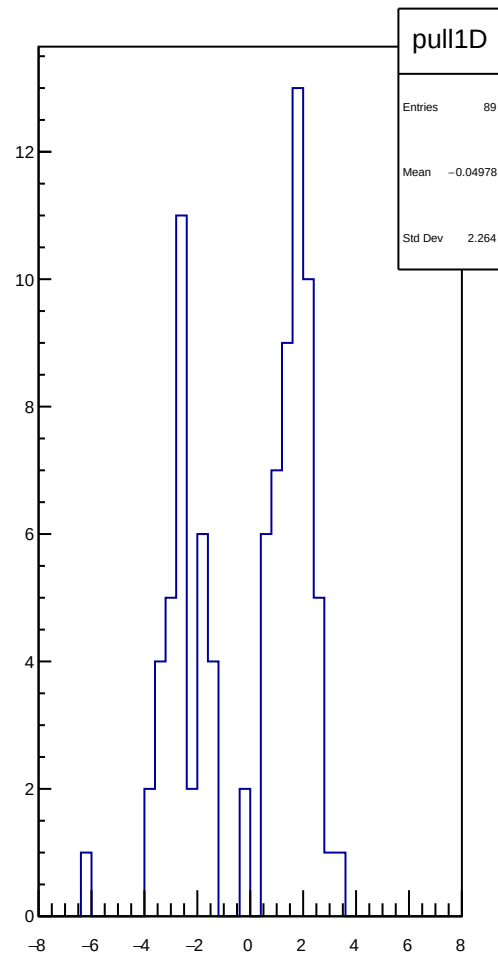
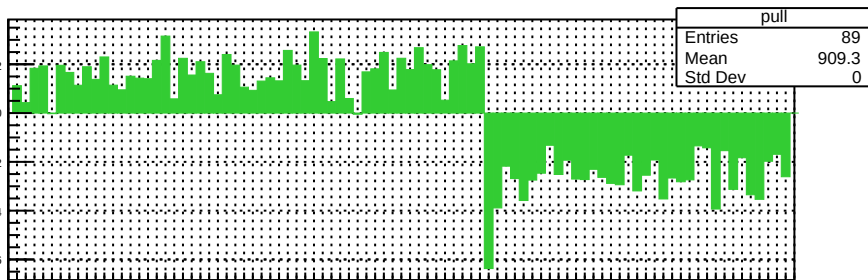
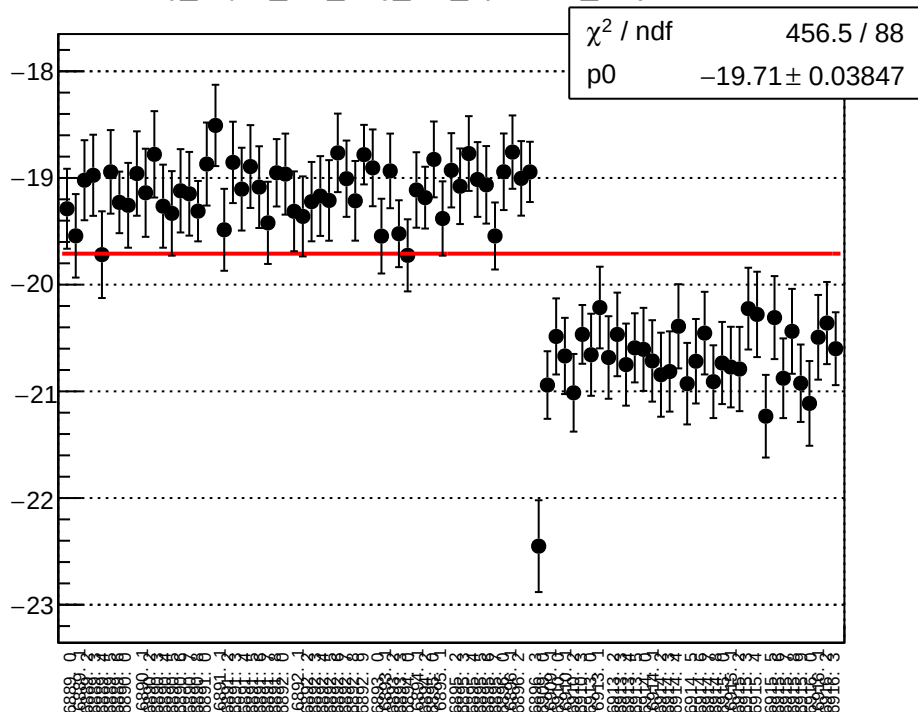
reg_asym_left_avg_diff_bpm4eX_slope vs run



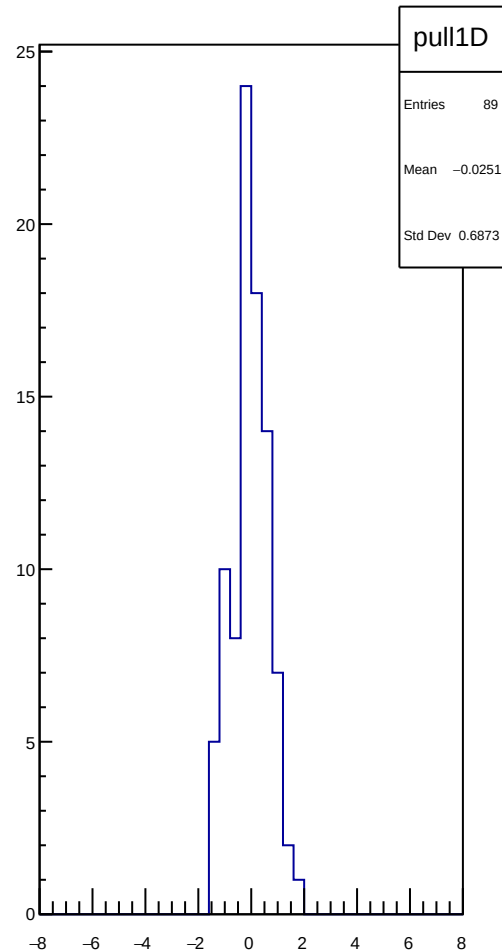
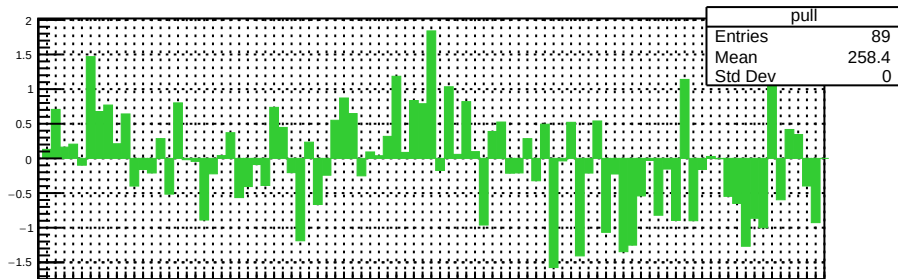
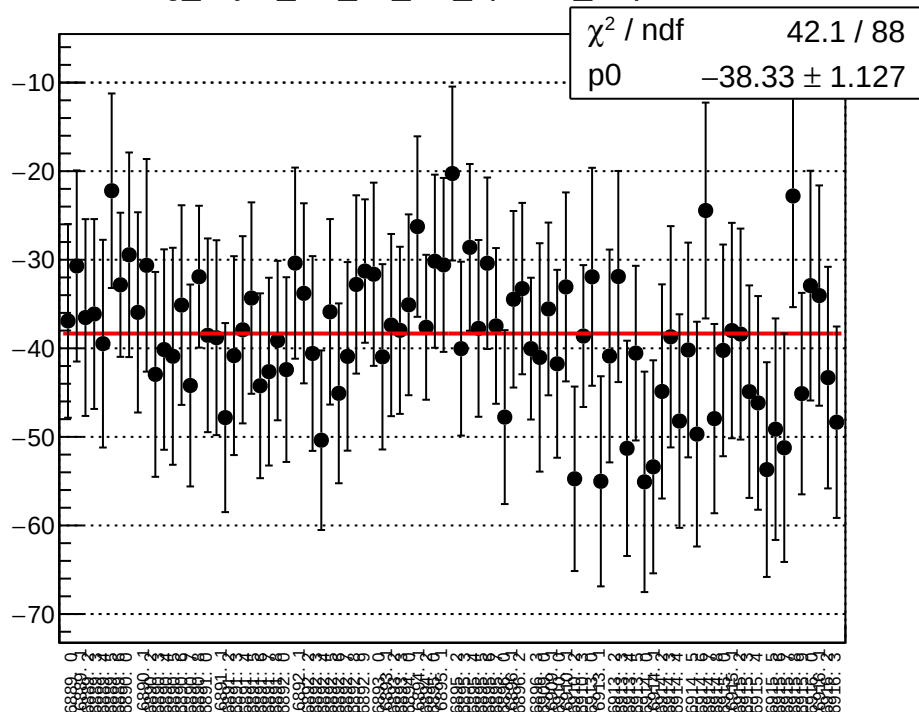
reg_asym_left_avg_diff_bpm4eY_slope vs run



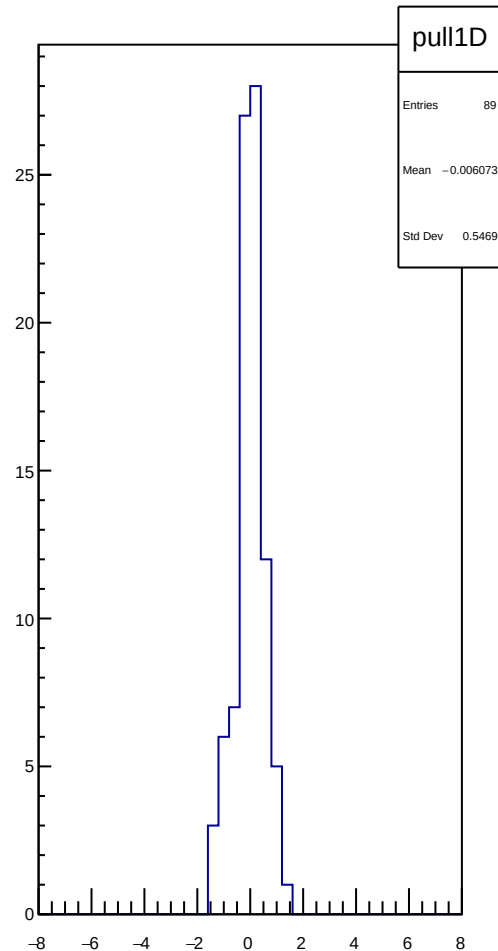
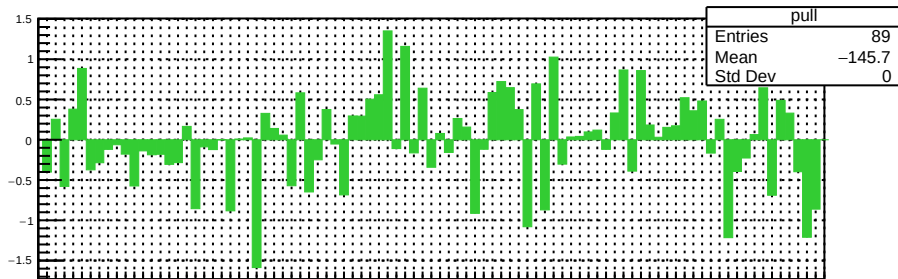
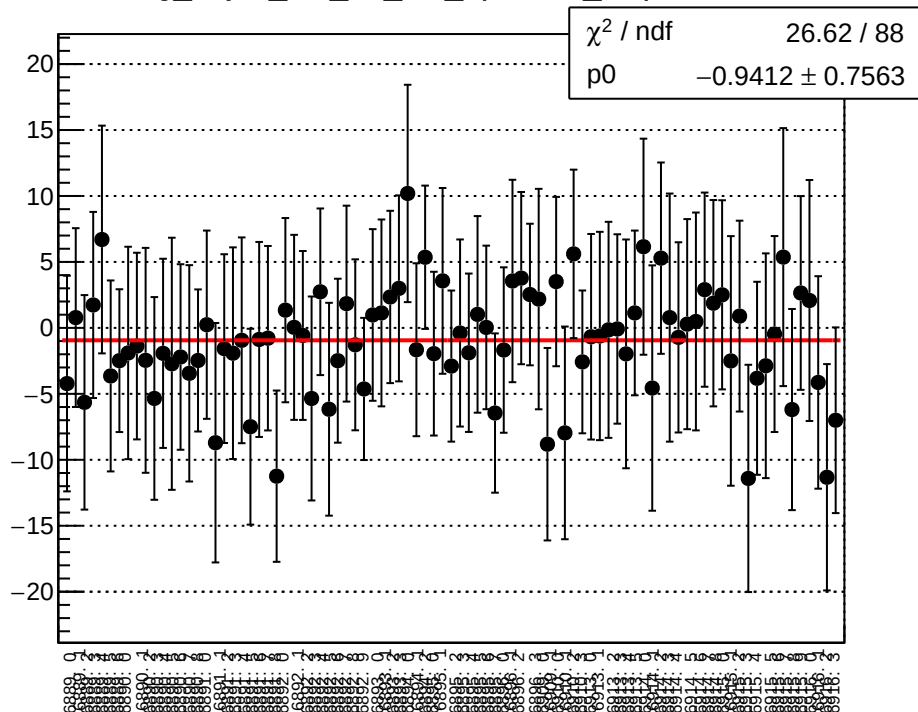
reg_asym_left_avg_diff_bpm12X_slope vs run



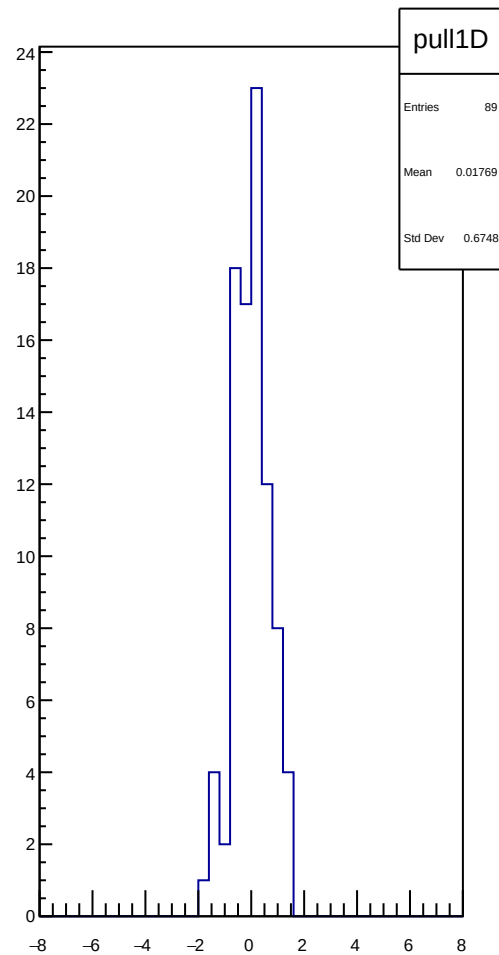
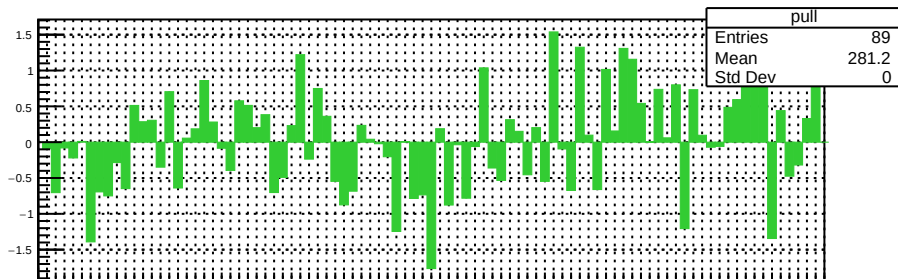
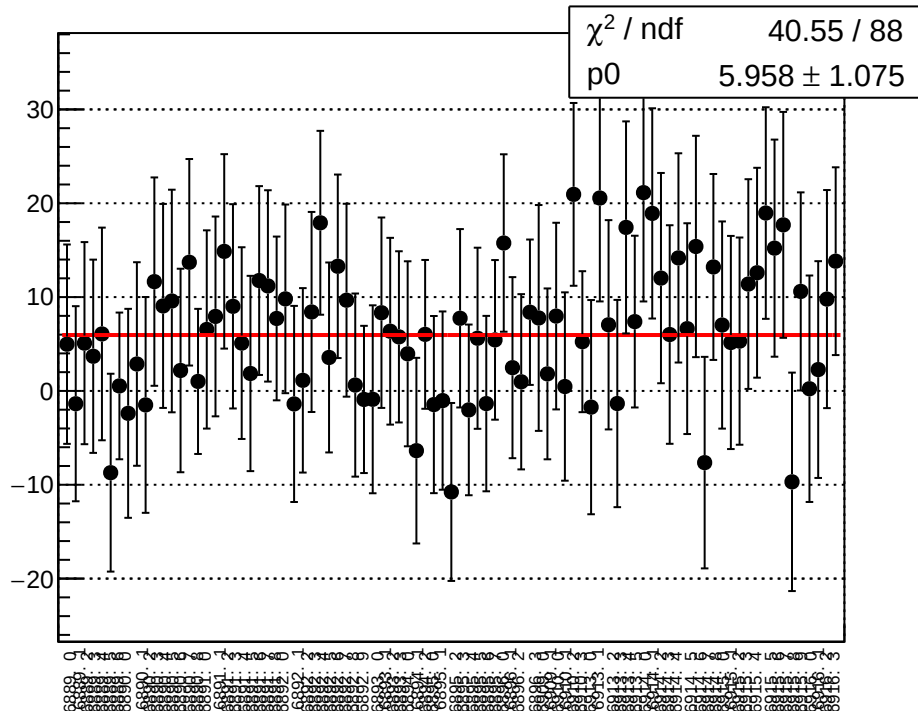
reg_asym_left_dd_diff_bpm1X_slope vs run



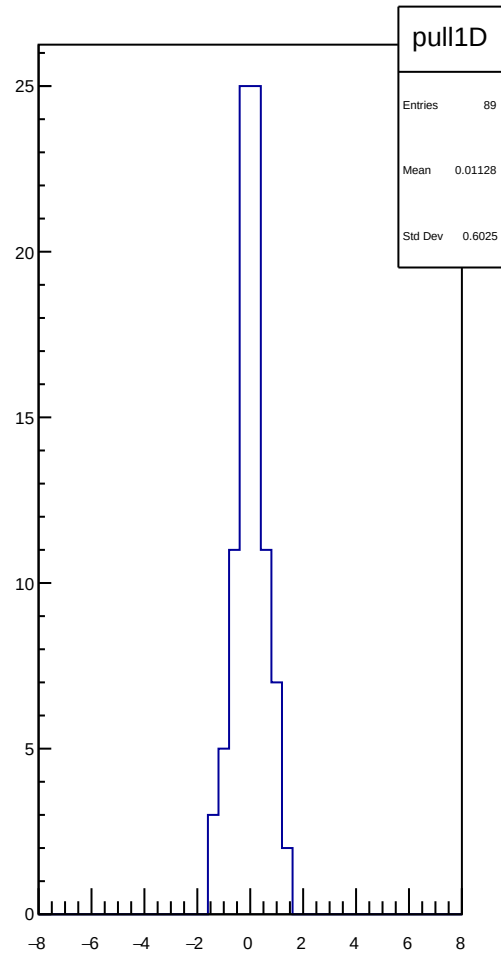
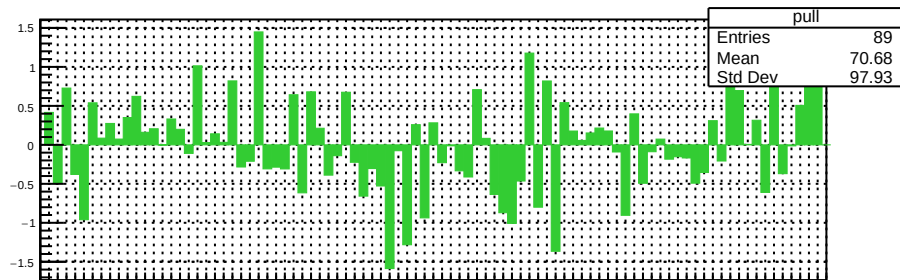
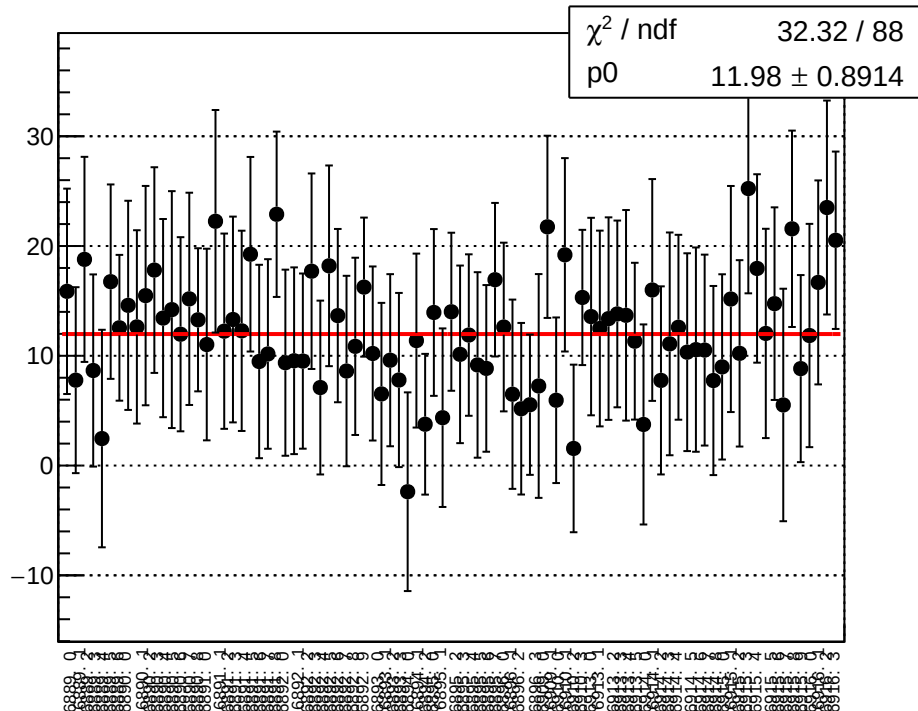
reg_asym_left_dd_diff_bpm4aY_slope vs run



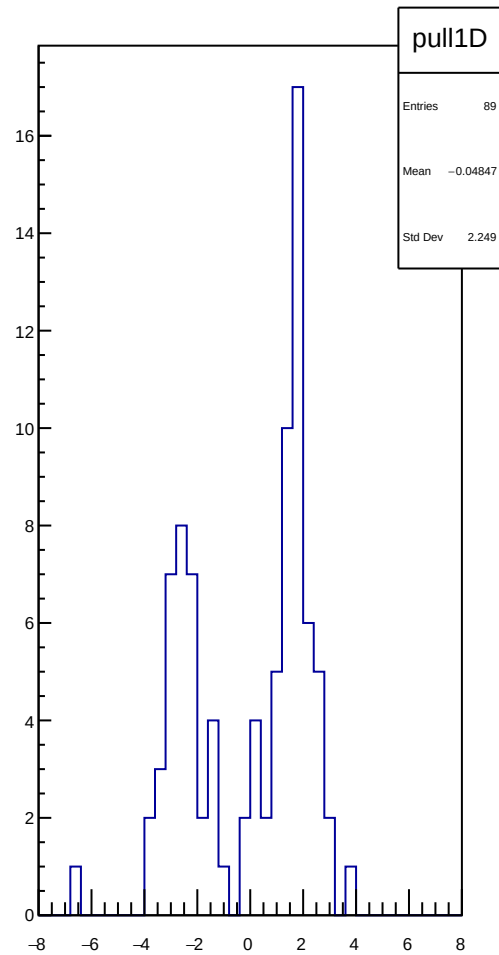
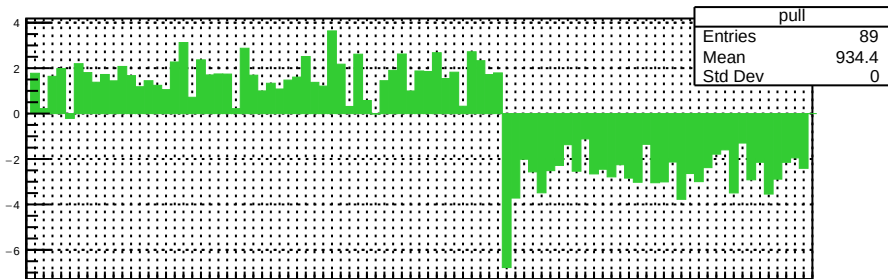
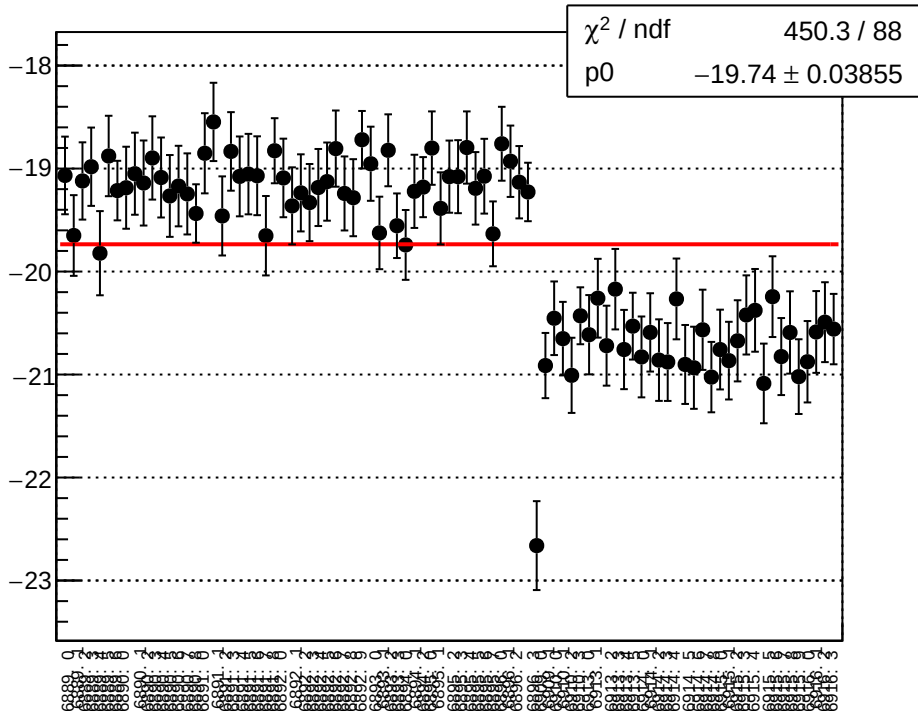
reg_asym_left_dd_diff_bpm4eX_slope vs run



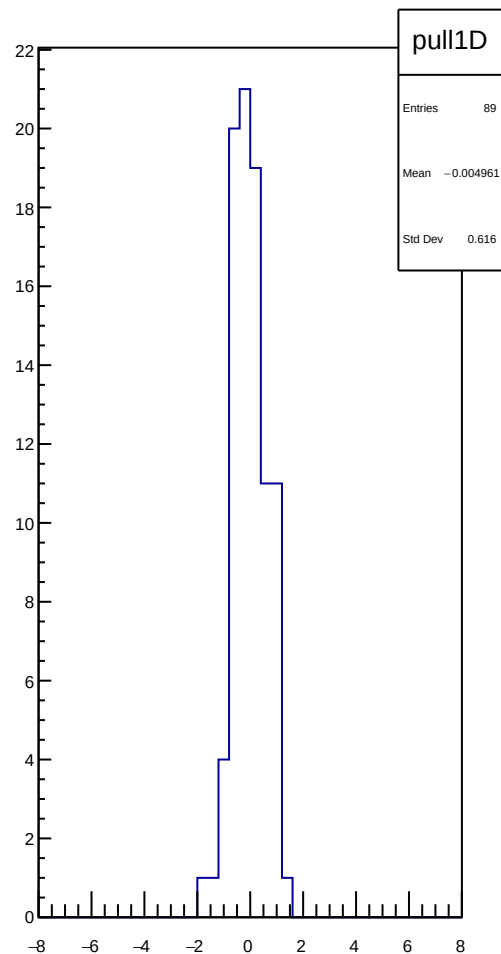
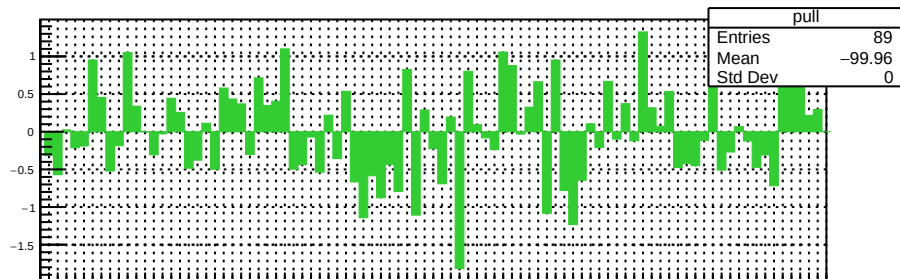
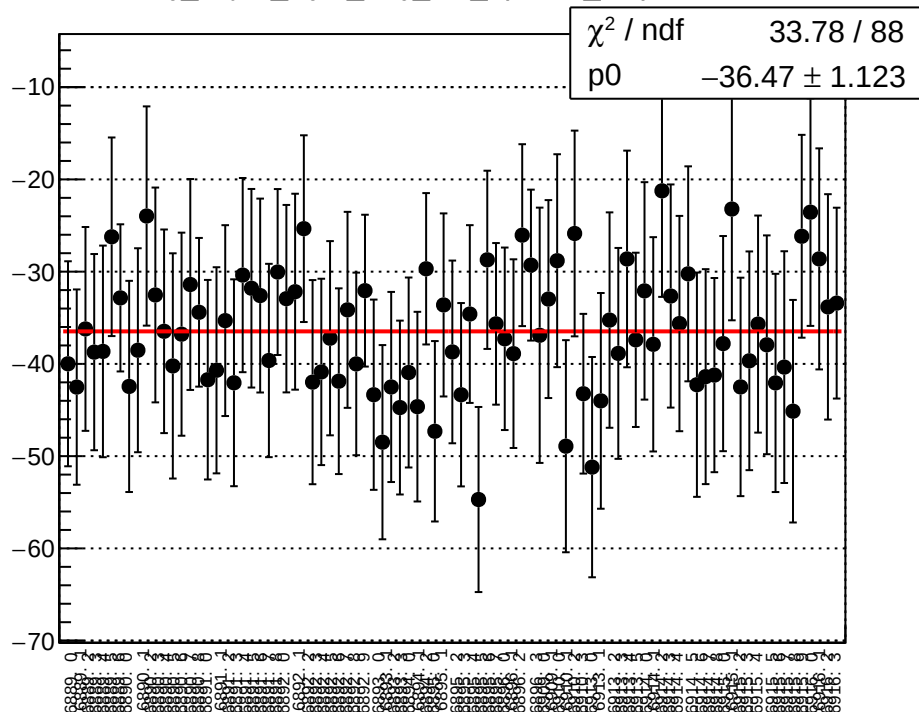
reg_asym_left_dd_diff_bpm4eY_slope vs run



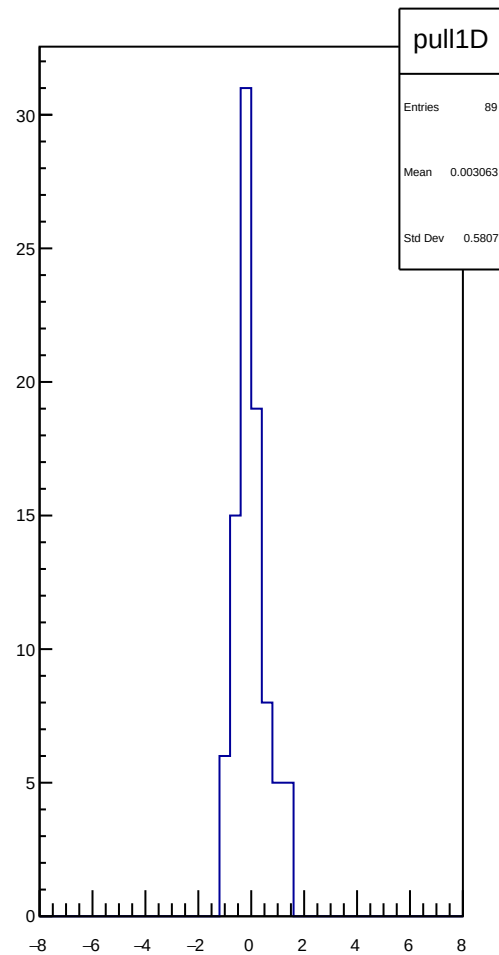
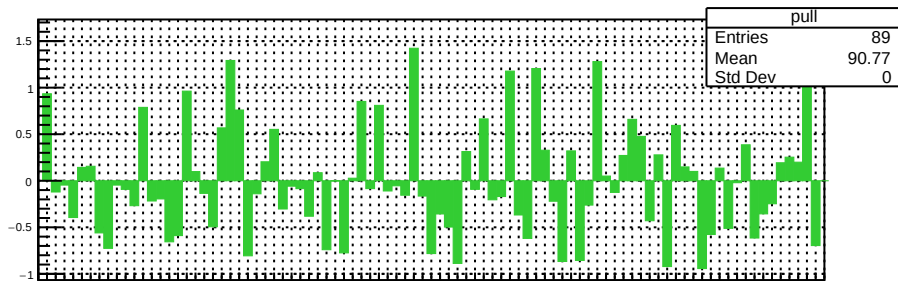
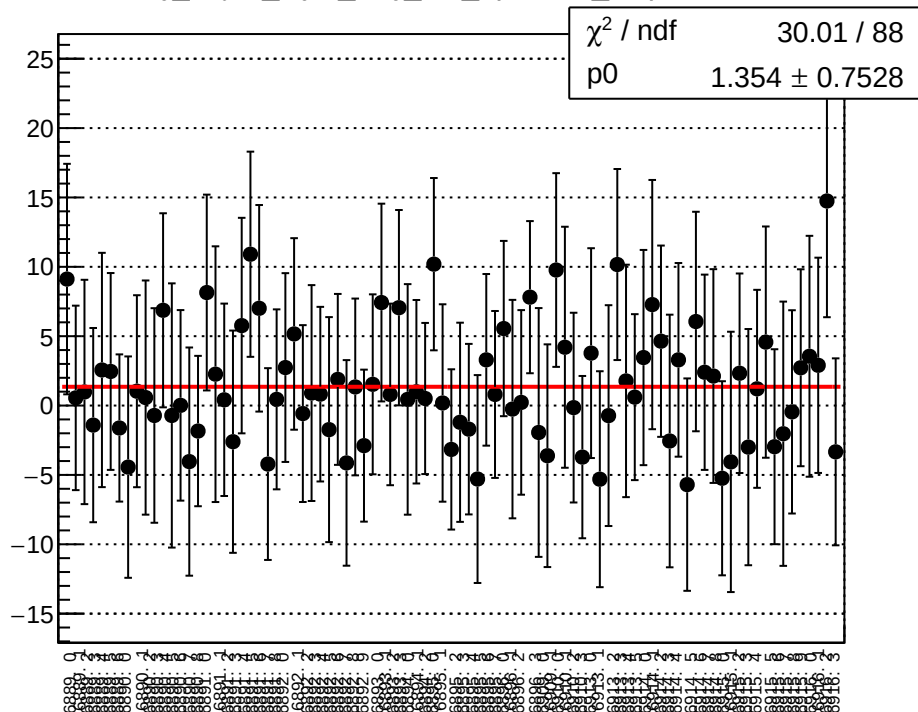
reg_asym_left_dd_diff_bpm12X_slope vs run



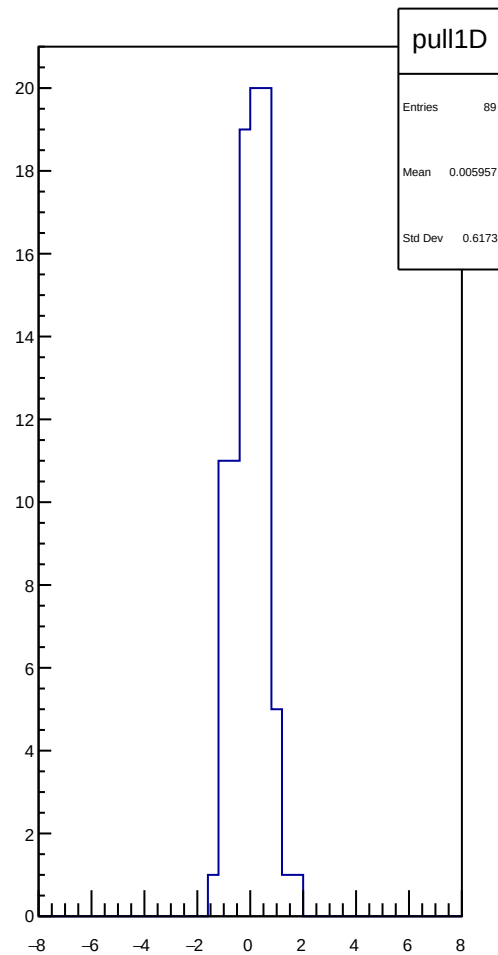
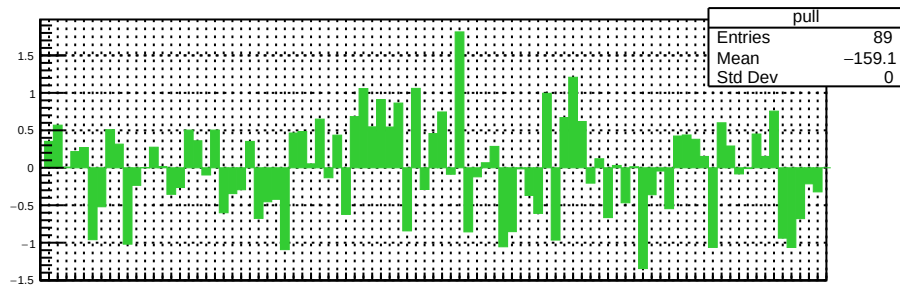
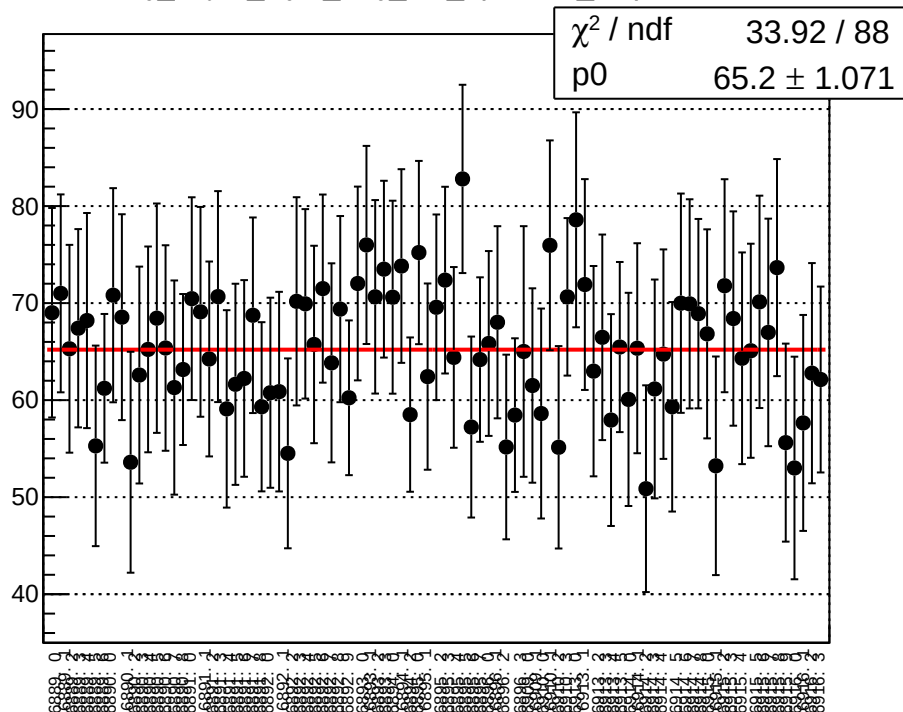
reg_asym_right_avg_diff_bpm1X_slope vs run



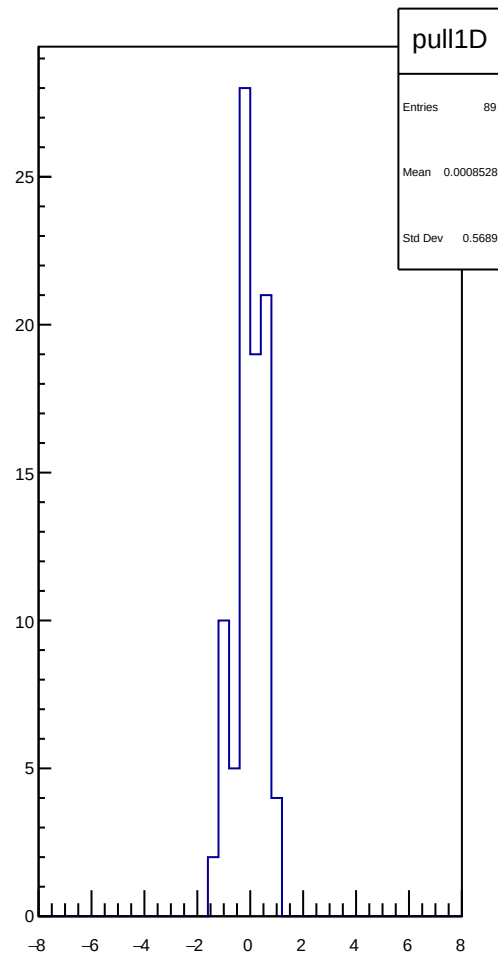
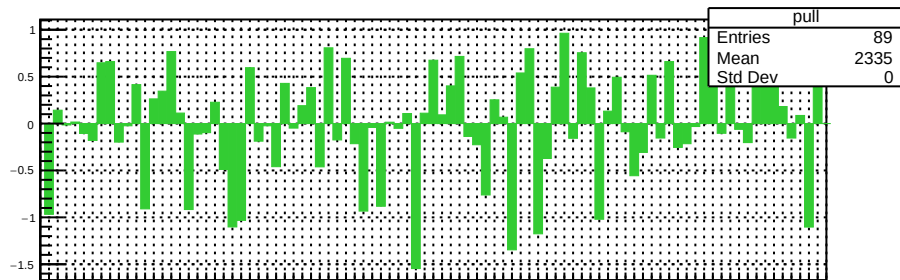
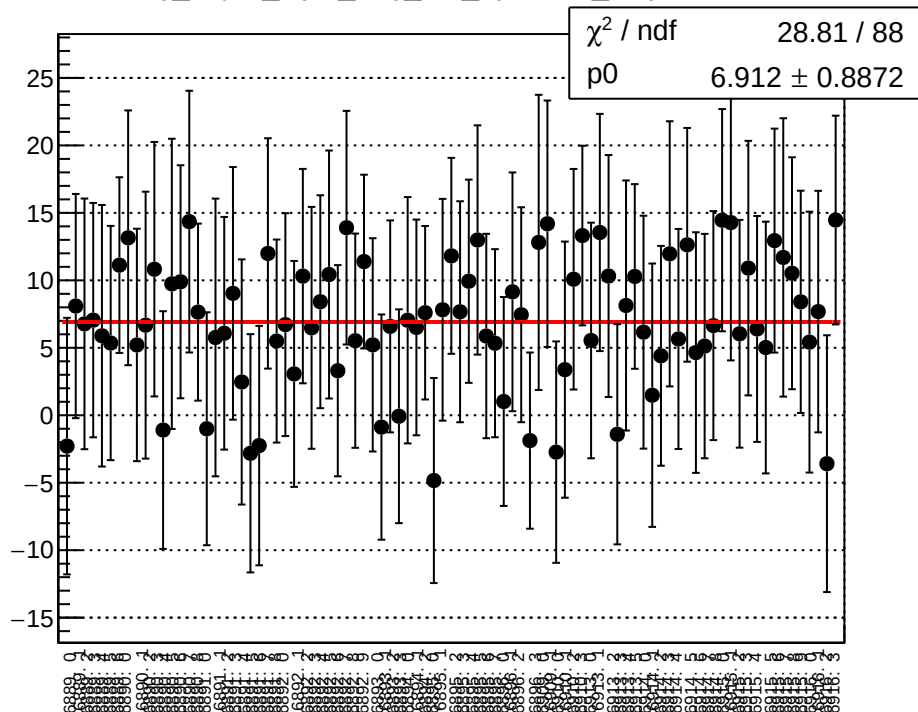
reg_asym_right_avg_diff_bpm4aY_slope vs run



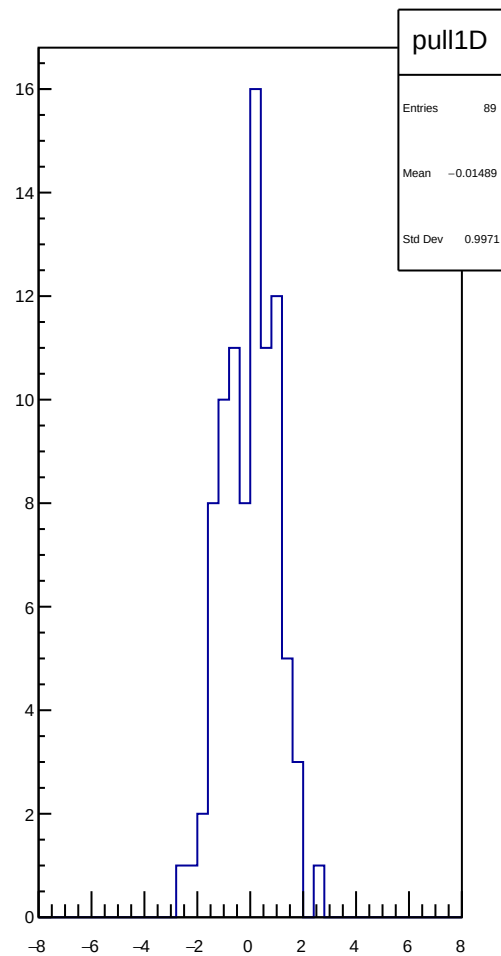
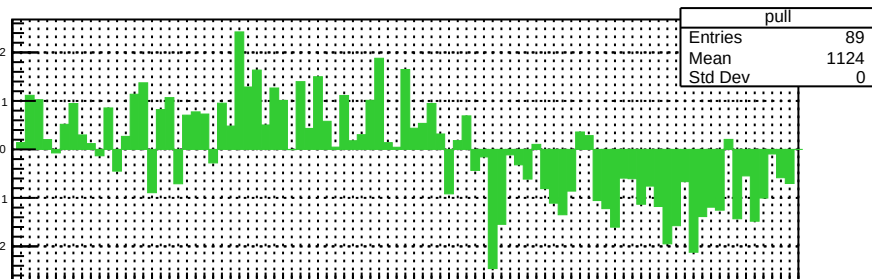
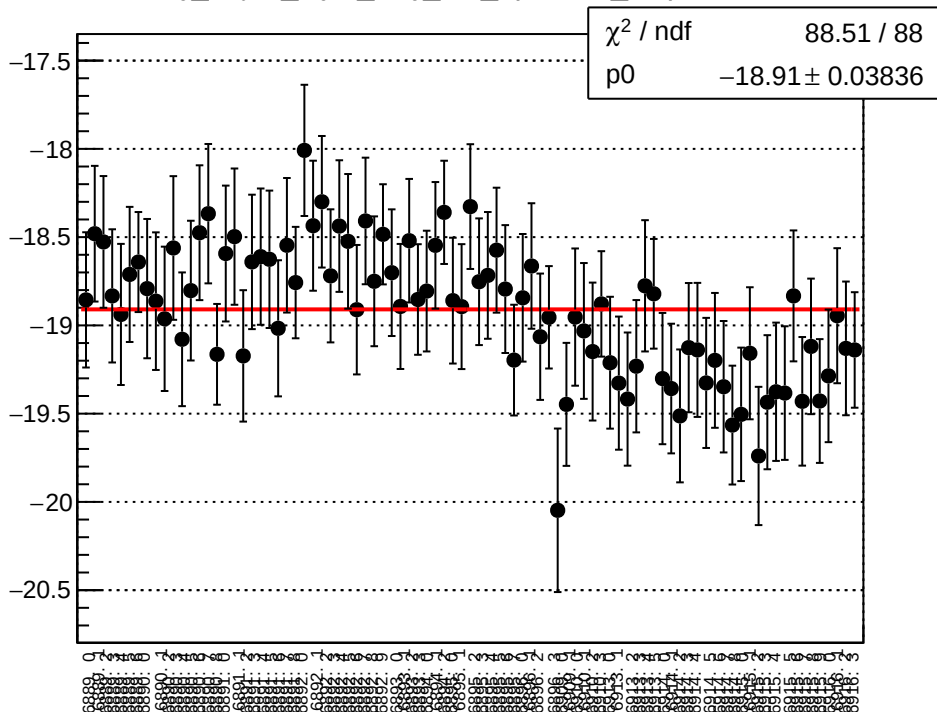
reg_asym_right_avg_diff_bpm4eX_slope vs run



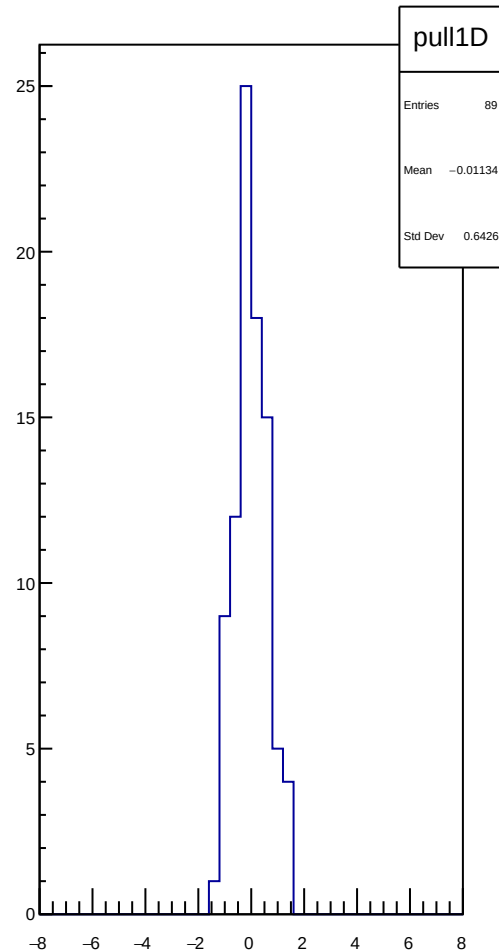
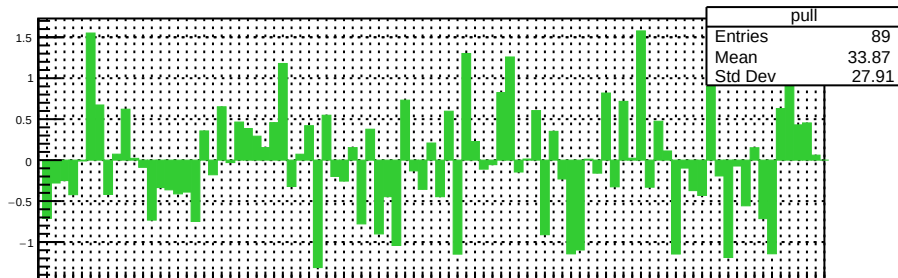
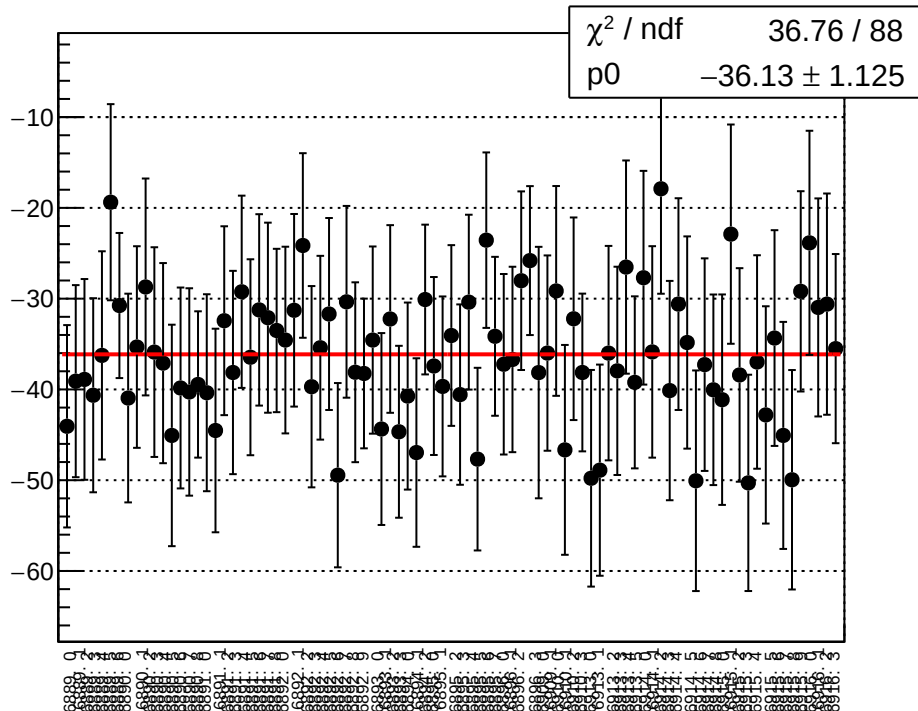
reg_asym_right_avg_diff_bpm4eY_slope vs run



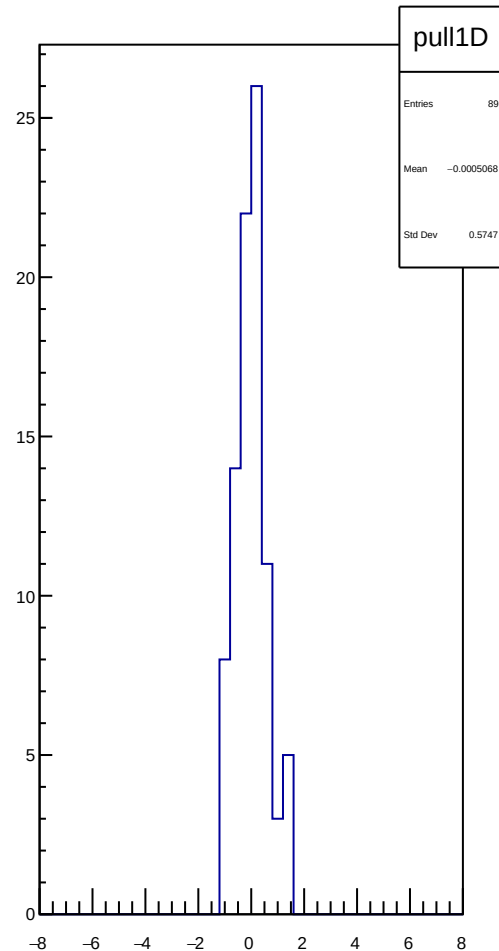
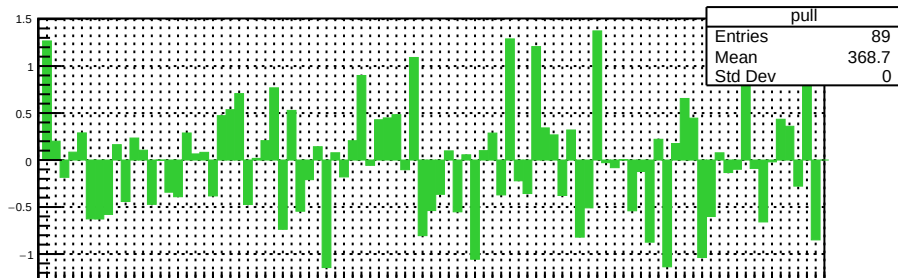
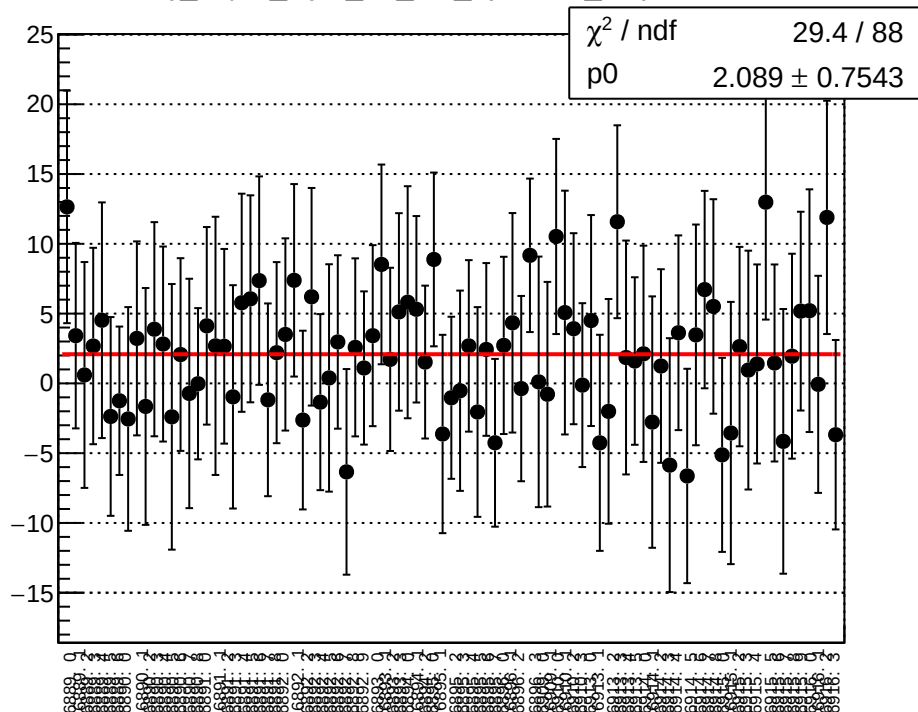
reg_asym_right_avg_diff_bpm12X_slope vs run



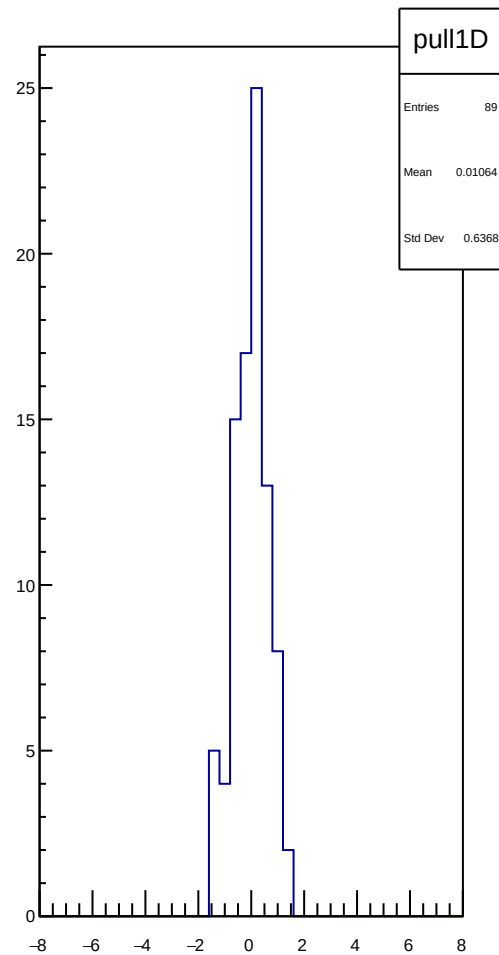
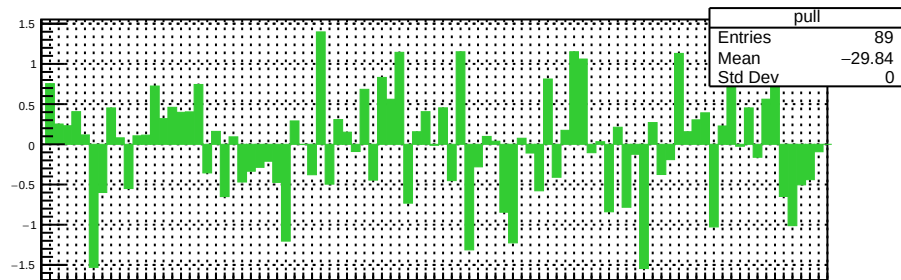
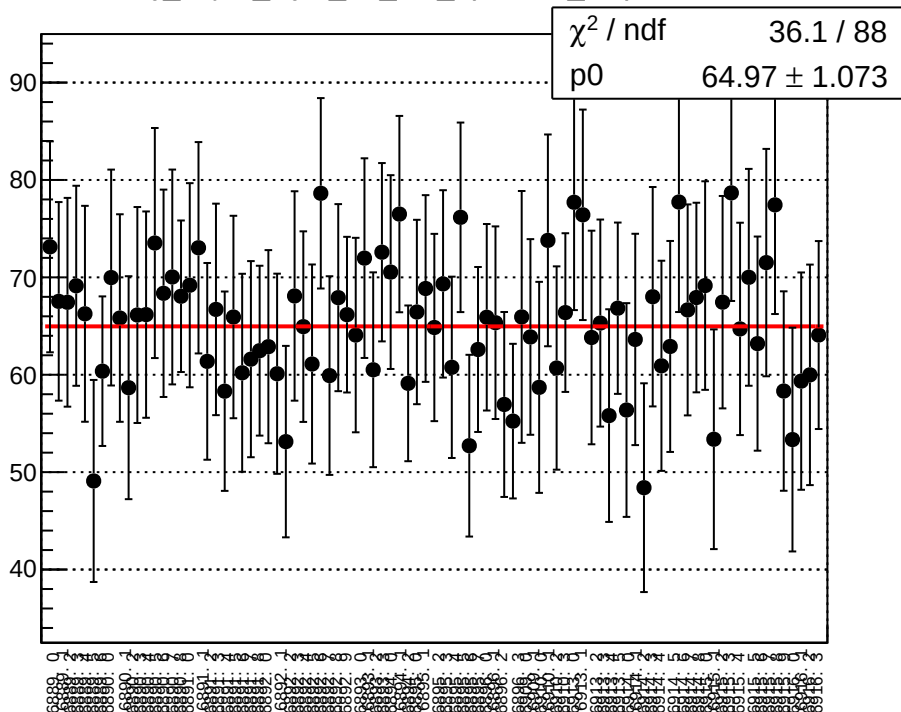
reg_asym_right_dd_diff_bpm1X_slope vs run



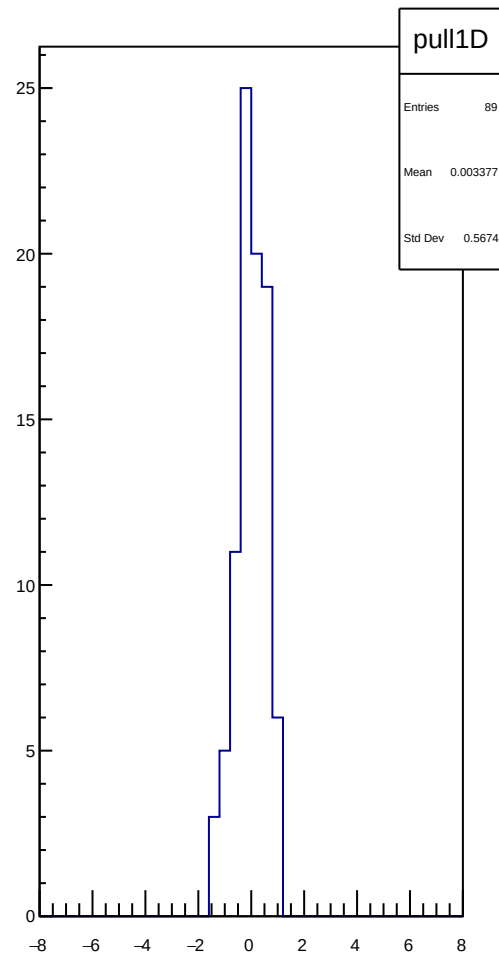
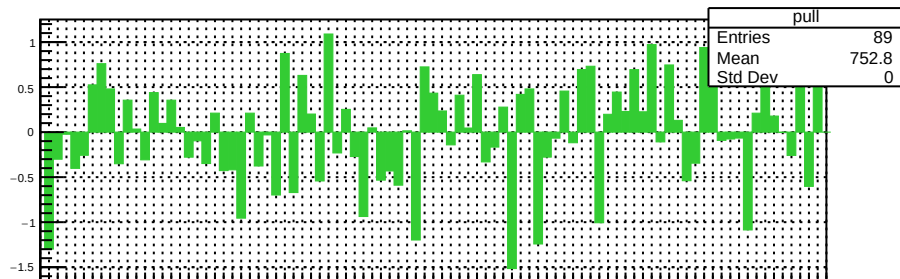
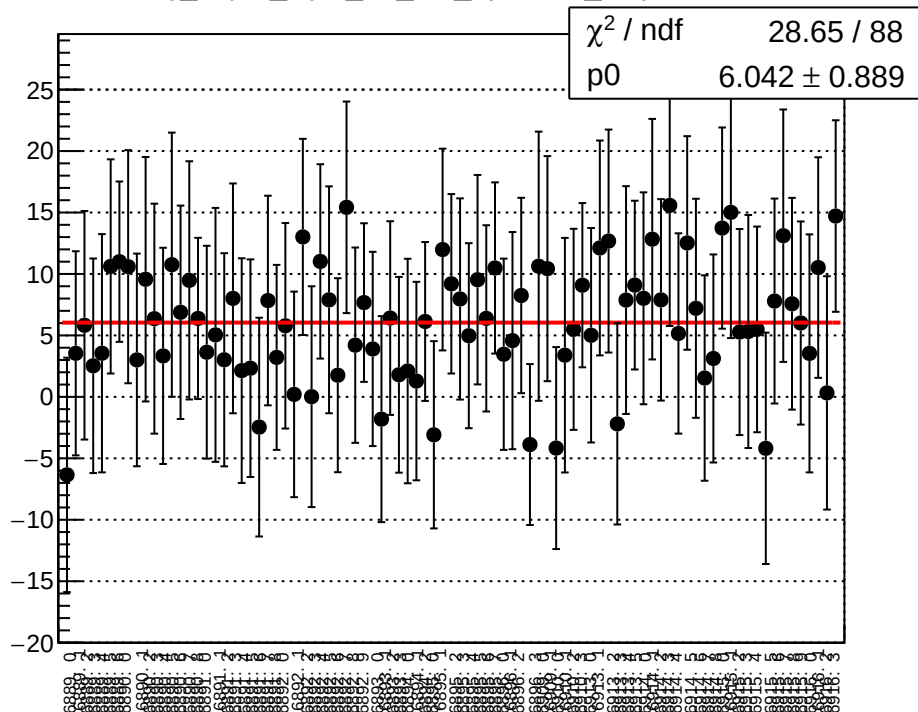
reg_asym_right_dd_diff_bpm4aY_slope vs run



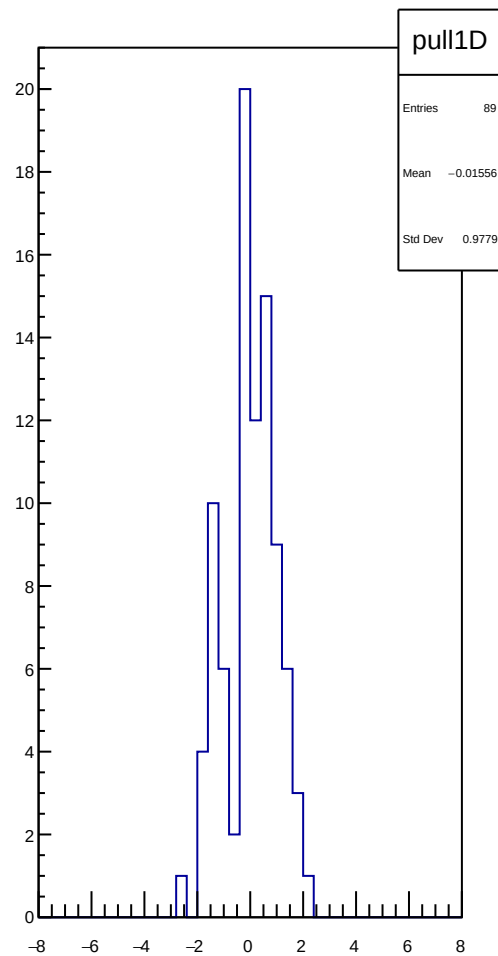
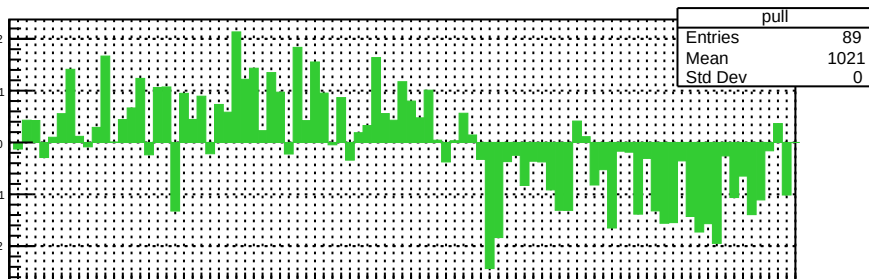
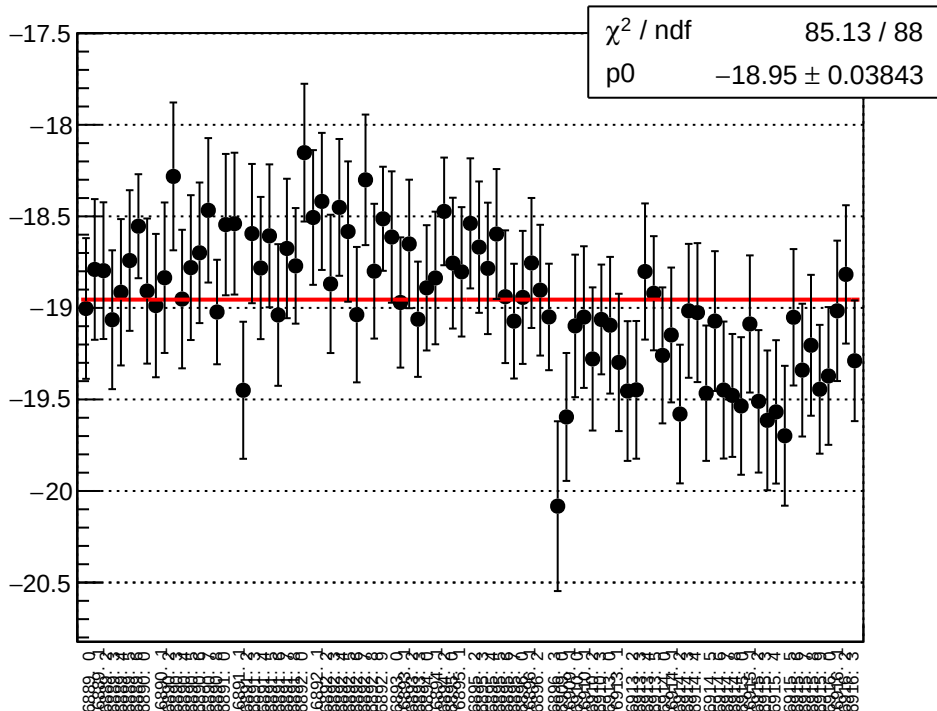
reg_asym_right_dd_diff_bpm4eX_slope vs run



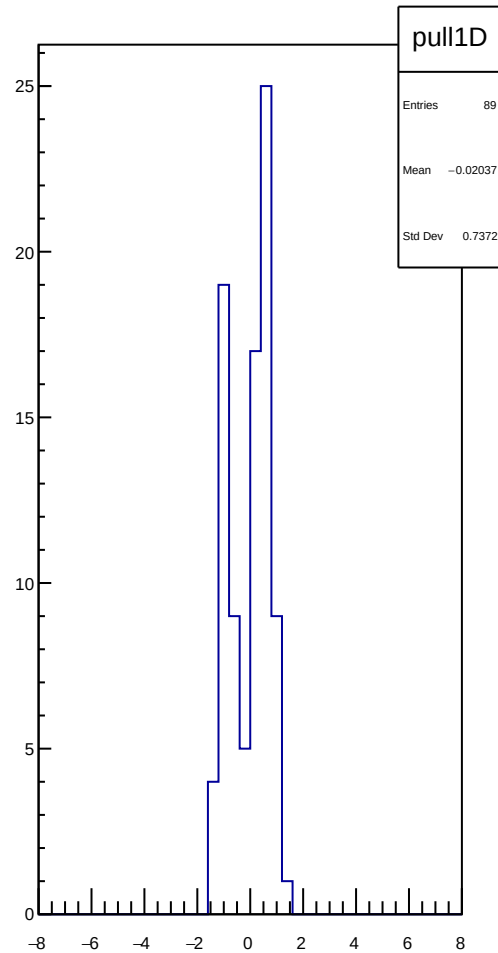
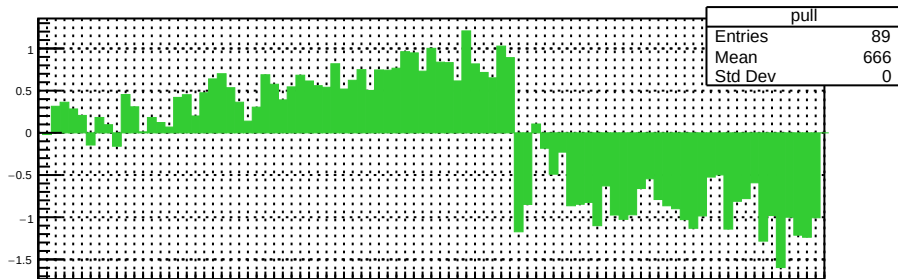
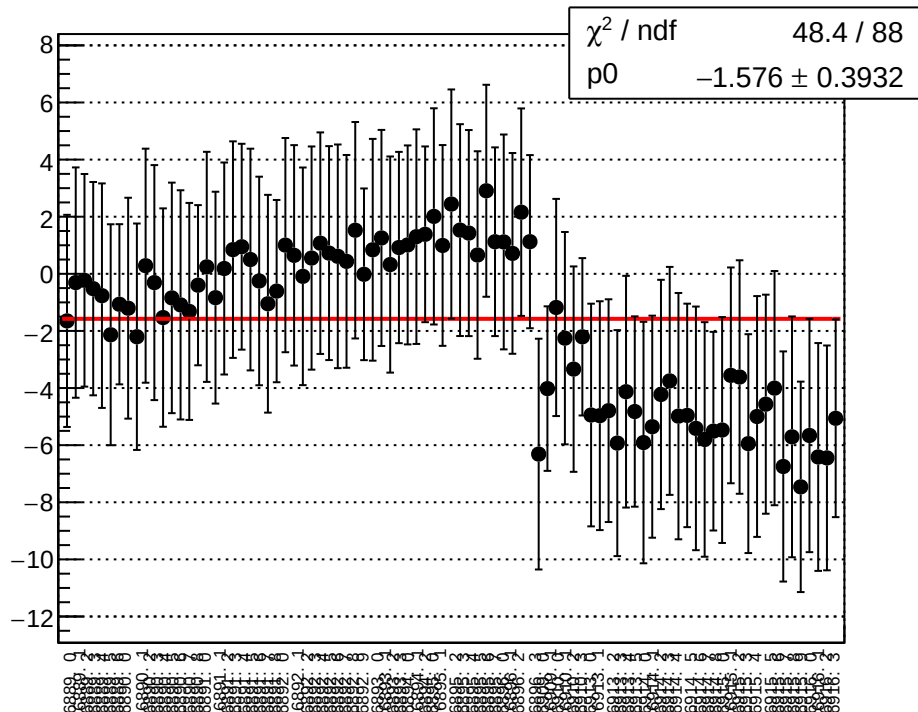
reg_asym_right_dd_diff_bpm4eY_slope vs run



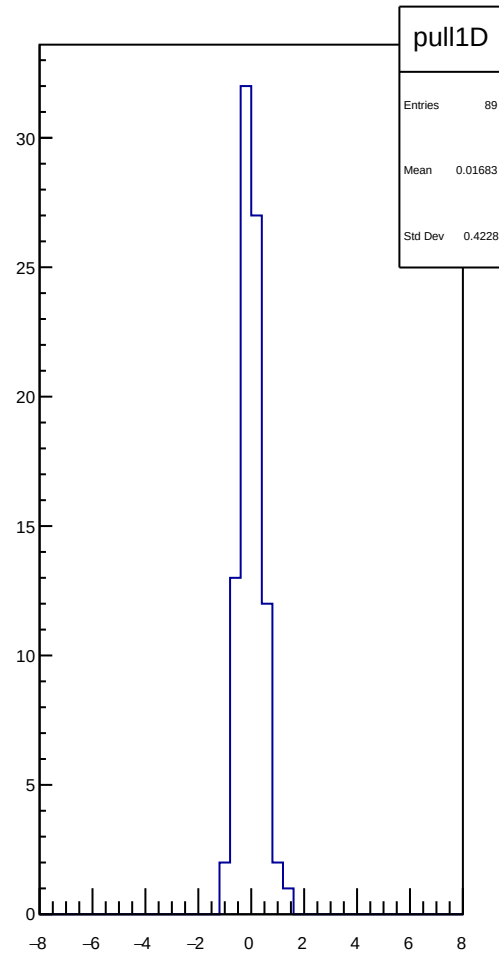
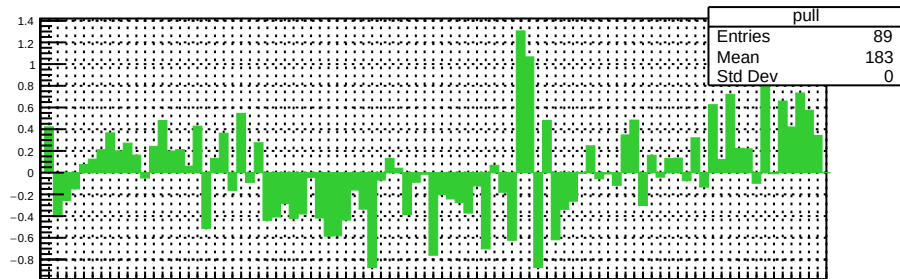
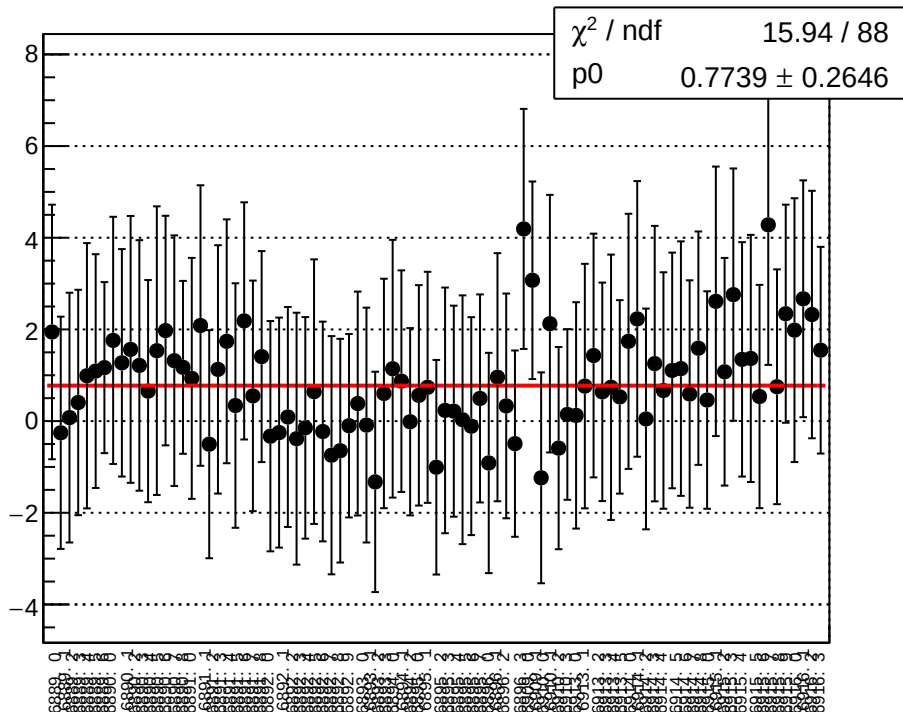
reg_asym_right_dd_diff_bpm12X_slope vs run



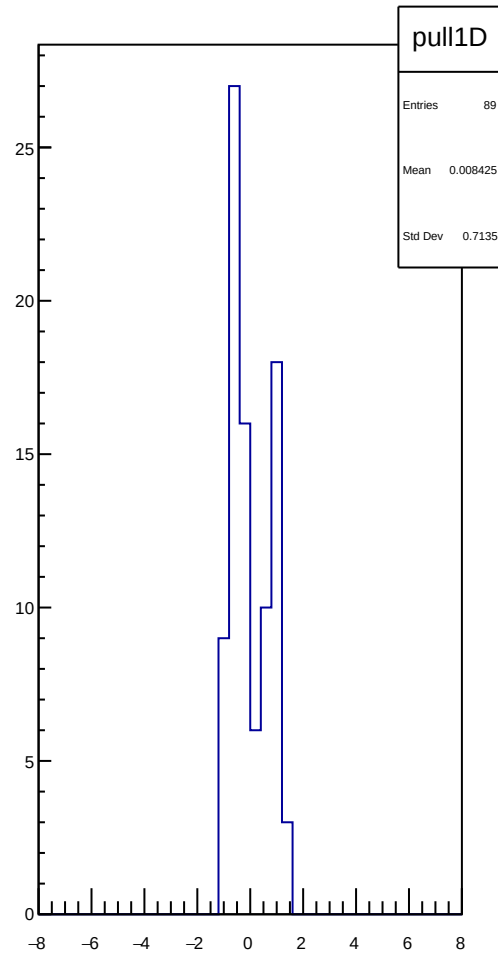
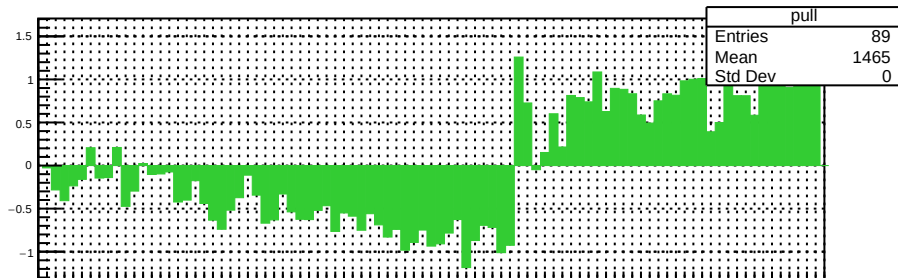
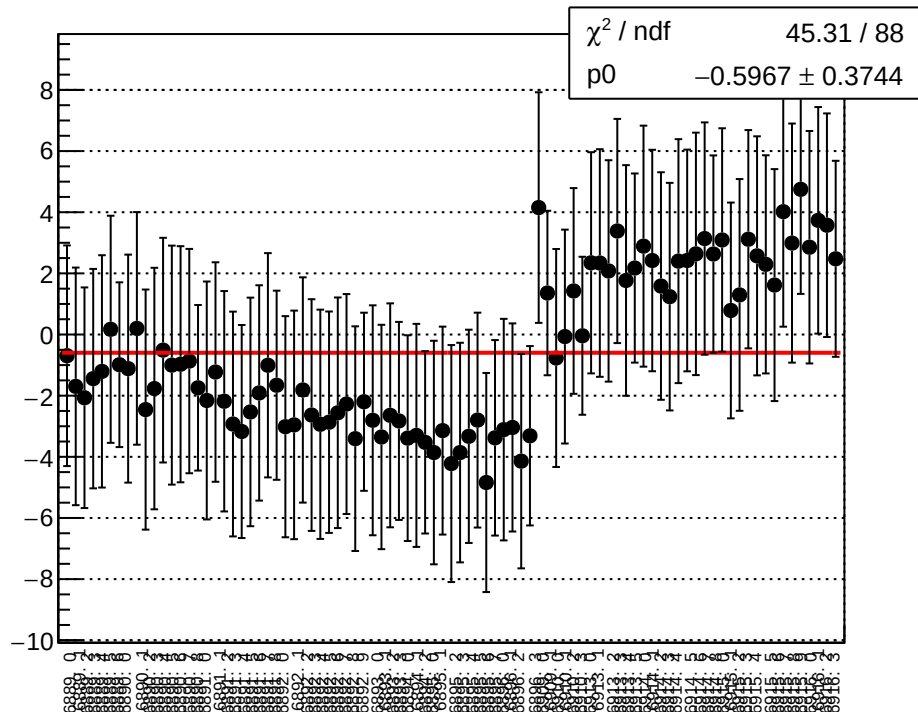
reg_asym_sam_15_avg_diff_bpm1X_slope vs run



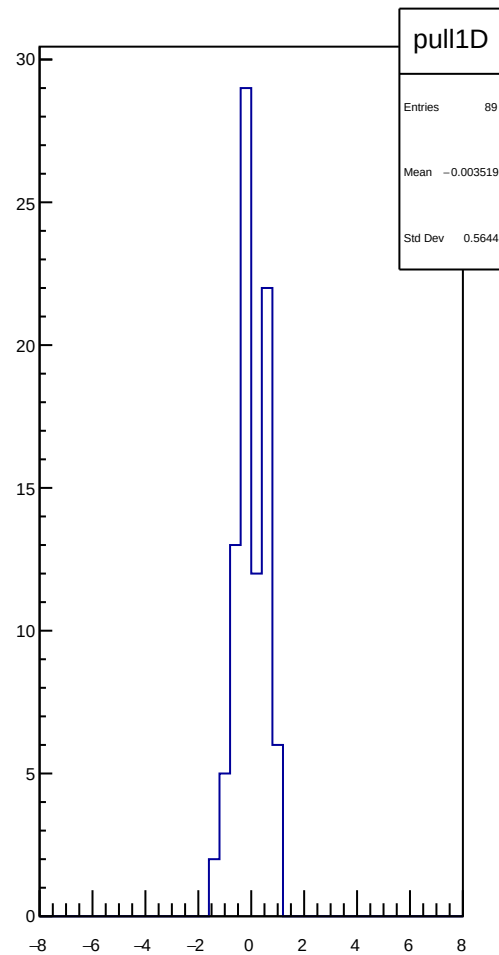
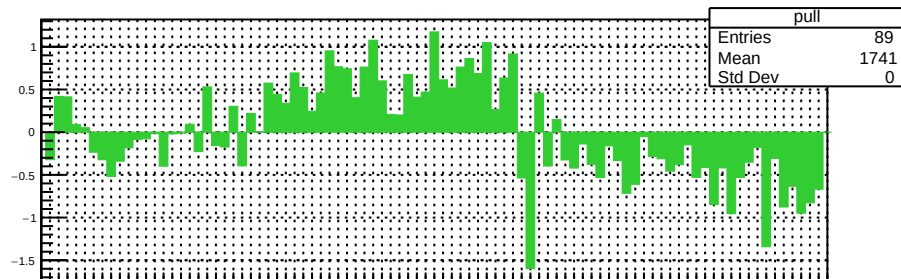
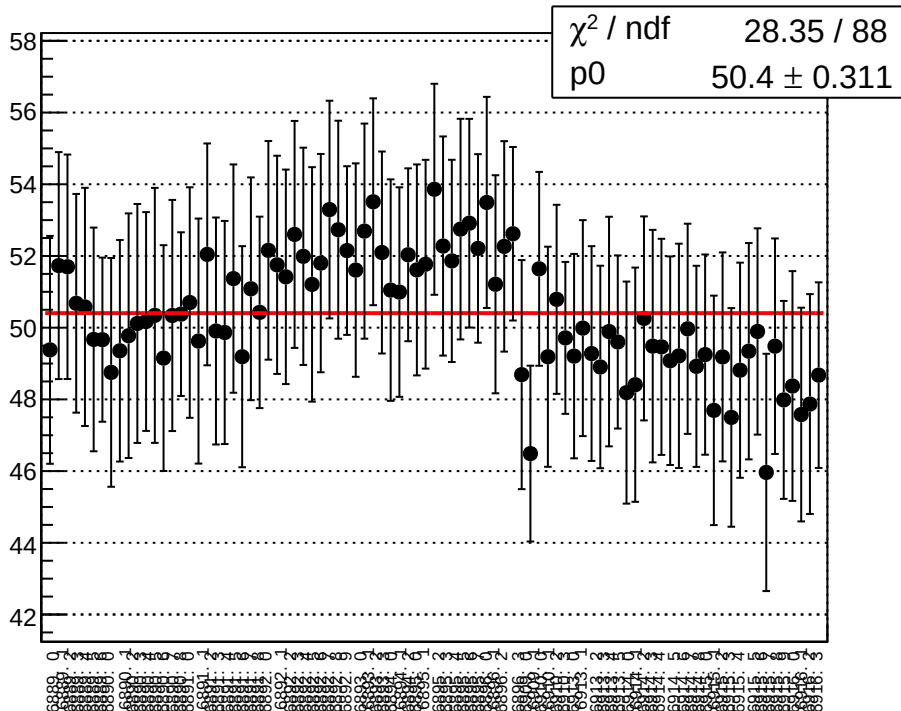
reg_asym_sam_15_avg_diff_bpm4aY_slope vs run



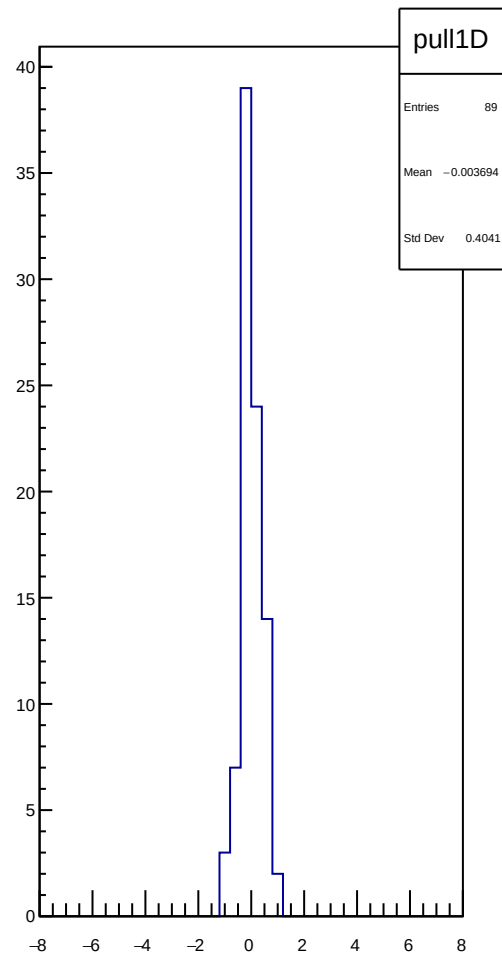
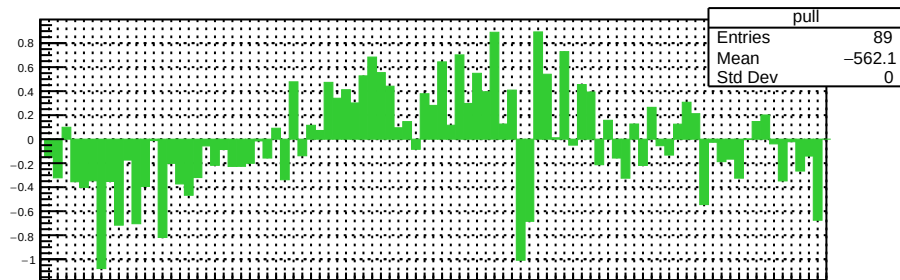
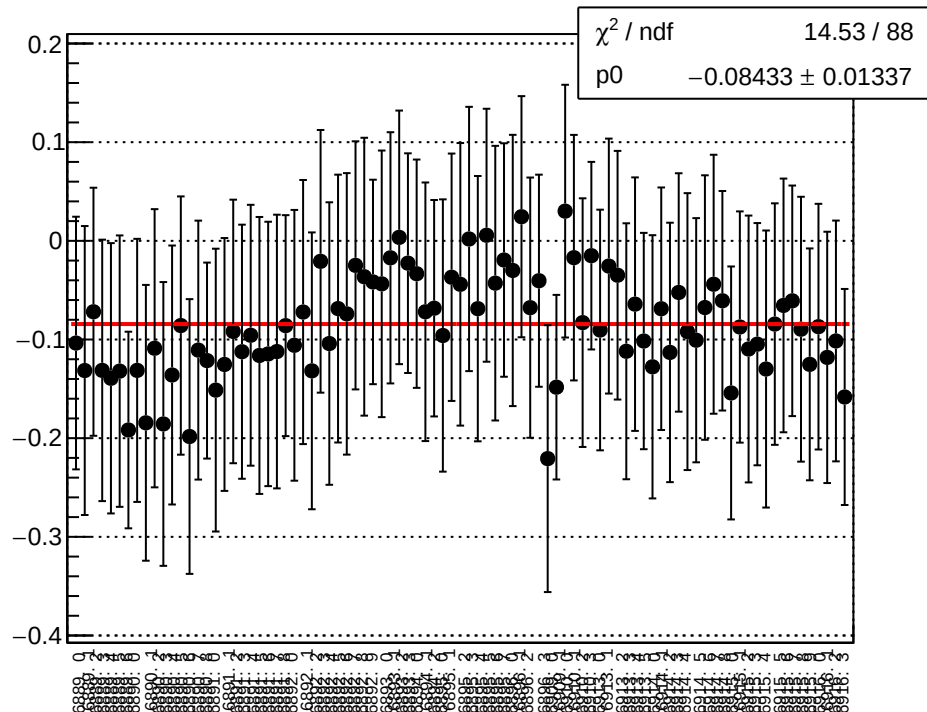
reg_asym_sam_15_avg_diff_bpm4eX_slope vs run



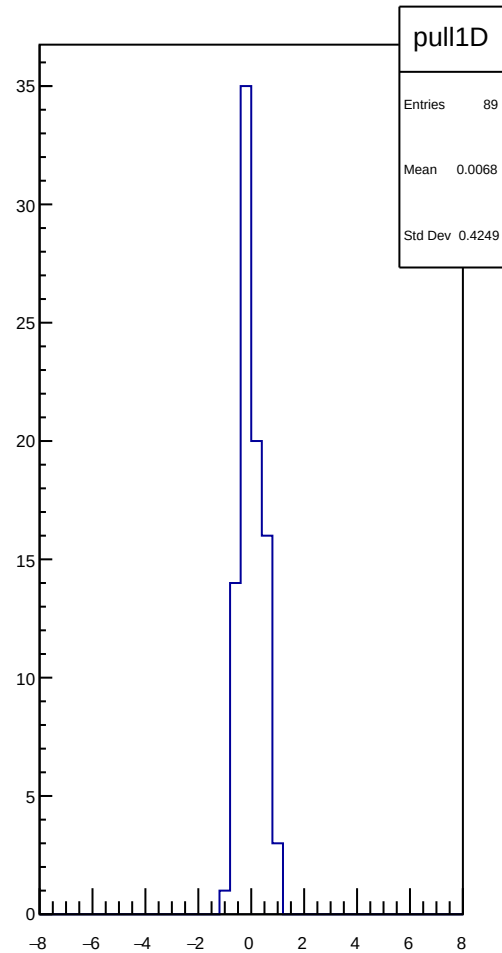
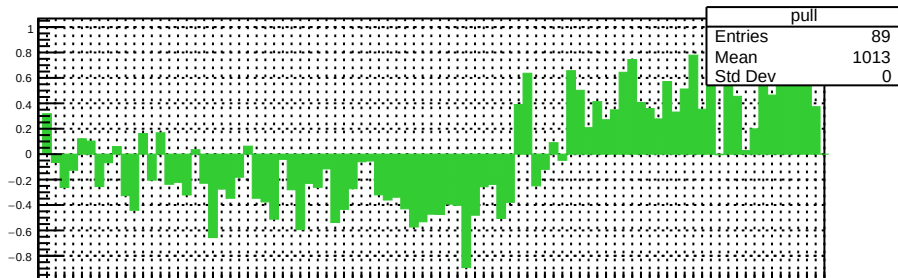
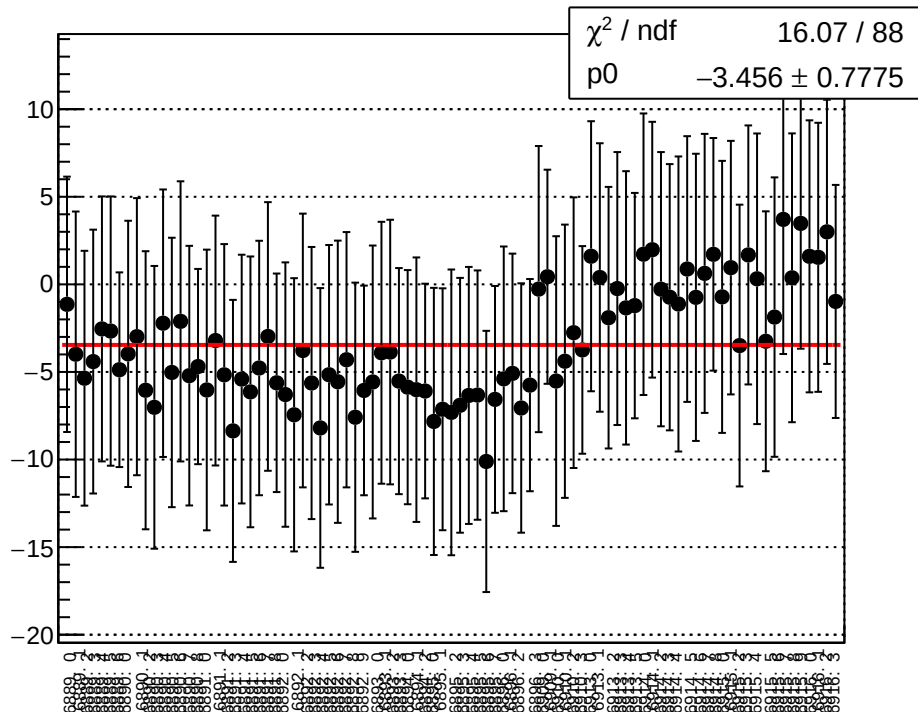
reg_asym_sam_15_avg_diff_bpm4eY_slope vs run



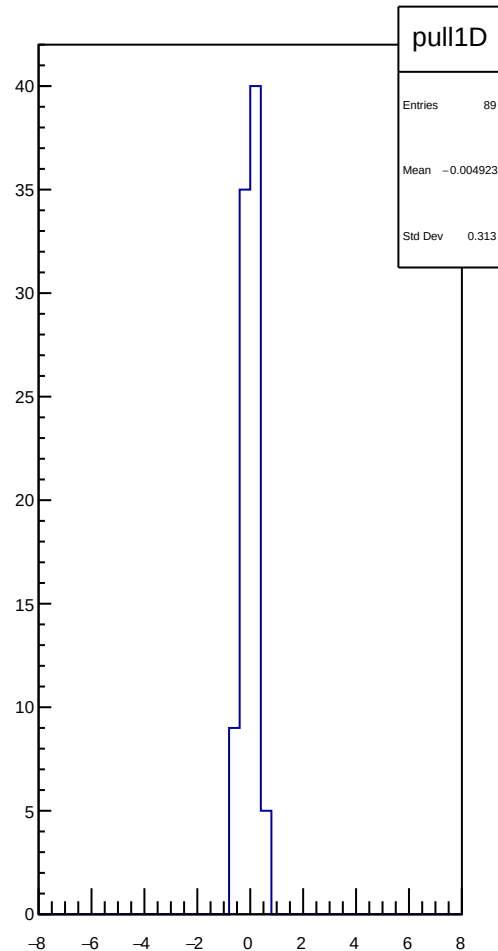
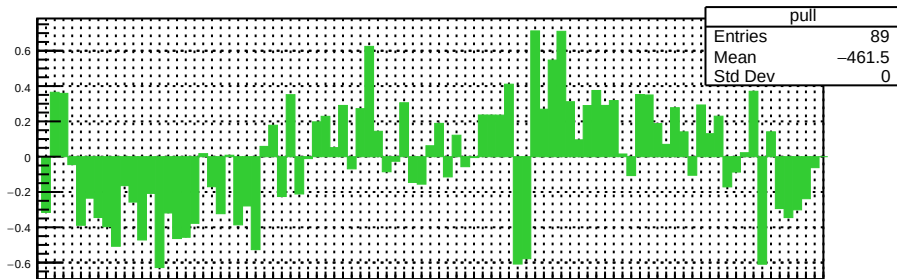
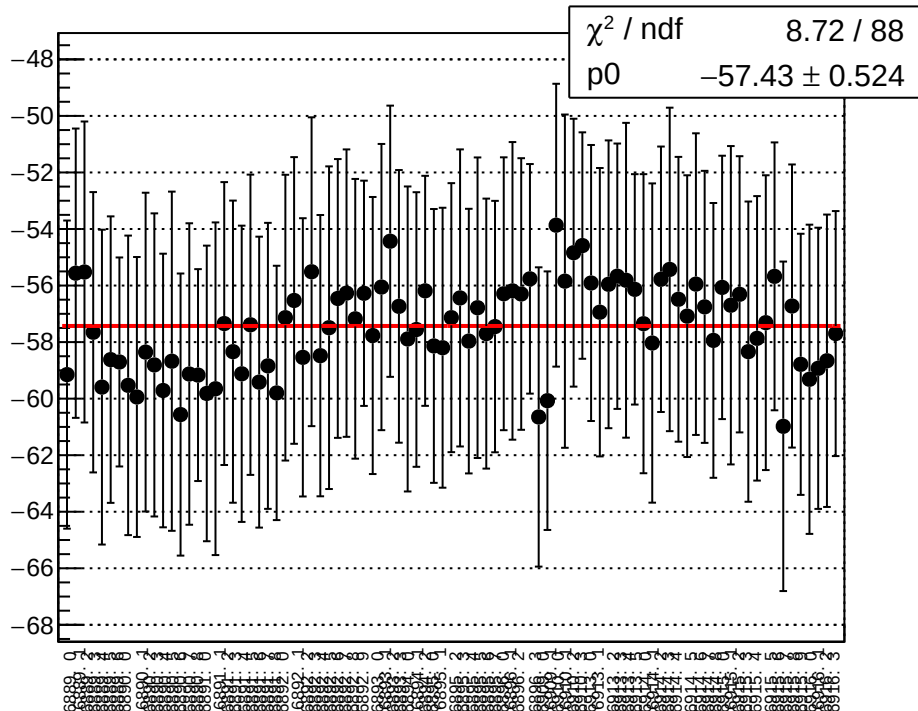
reg_asym_sam_15_avg_diff_bpm12X_slope vs run



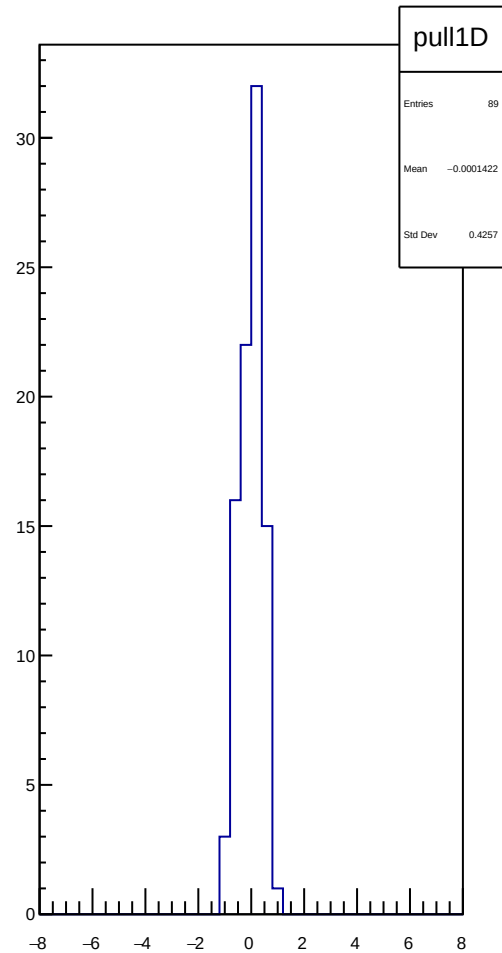
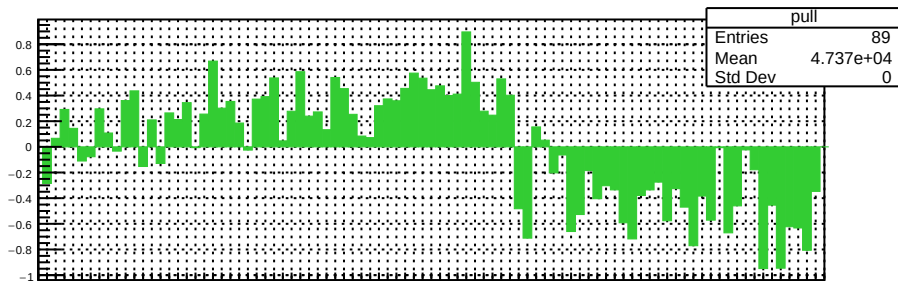
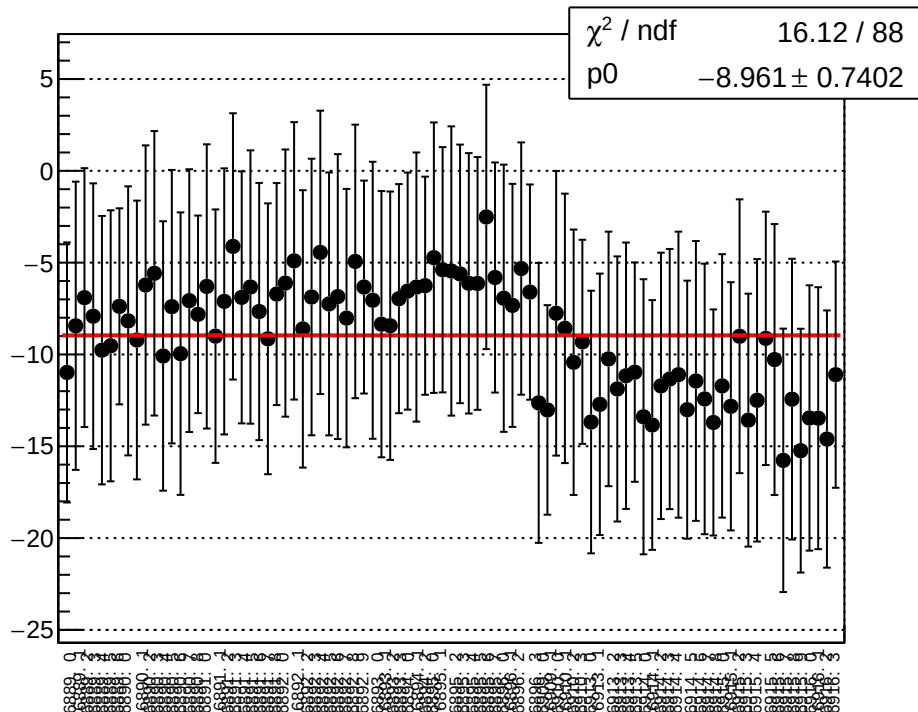
reg_asym_sam_15_dd_diff_bpm1X_slope vs run



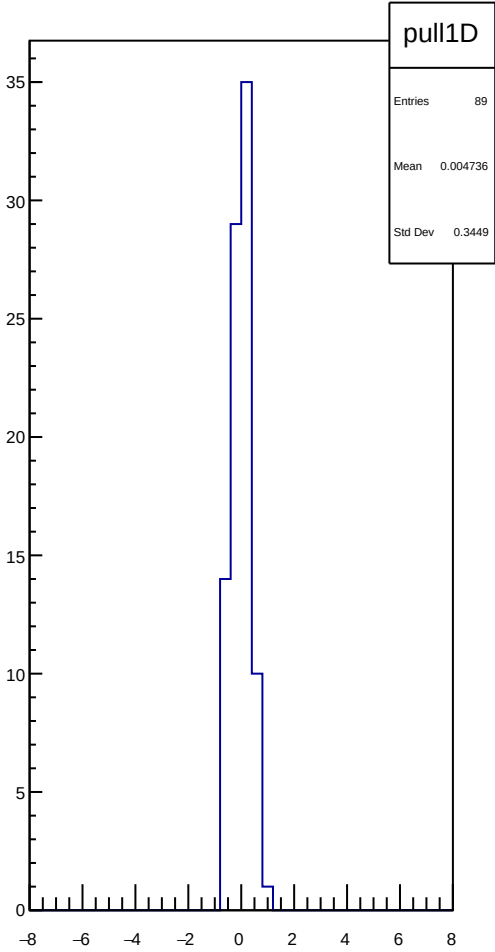
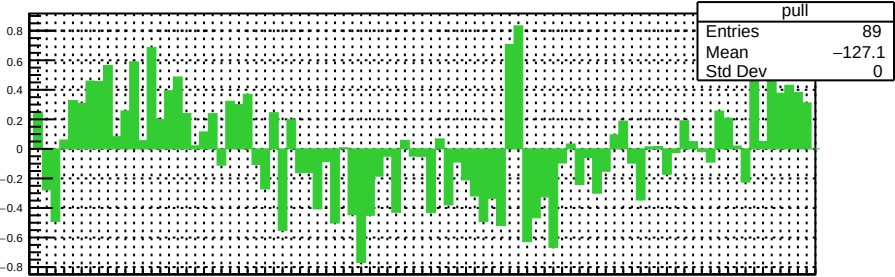
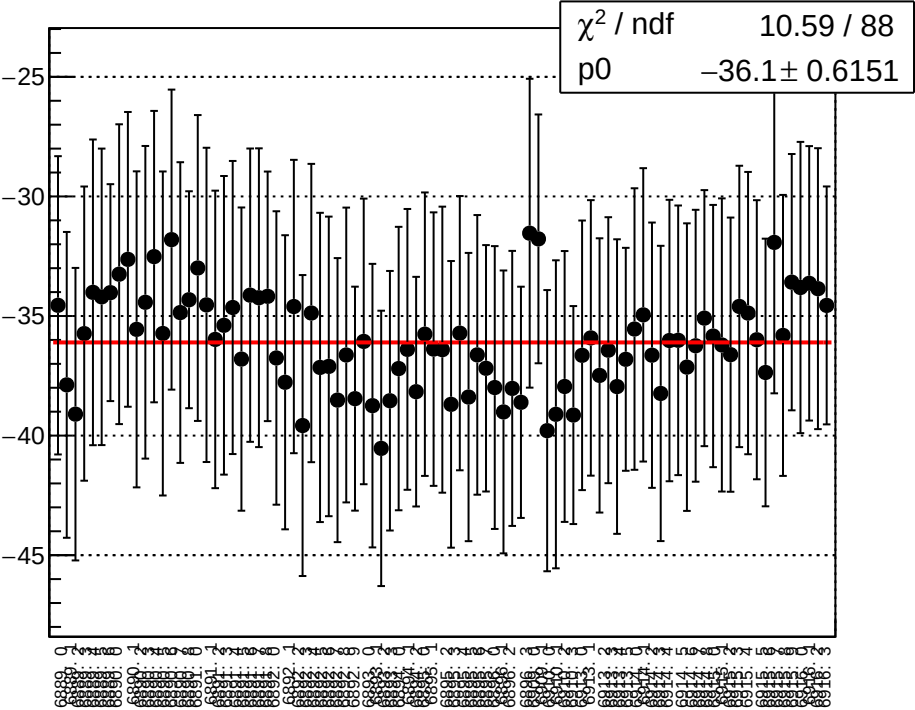
reg_asym_sam_15_dd_diff_bpm4aY_slope vs run



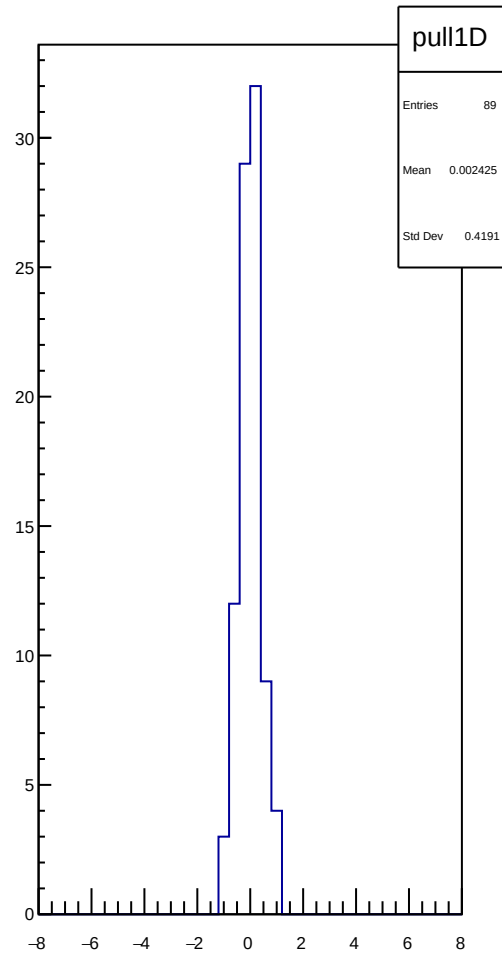
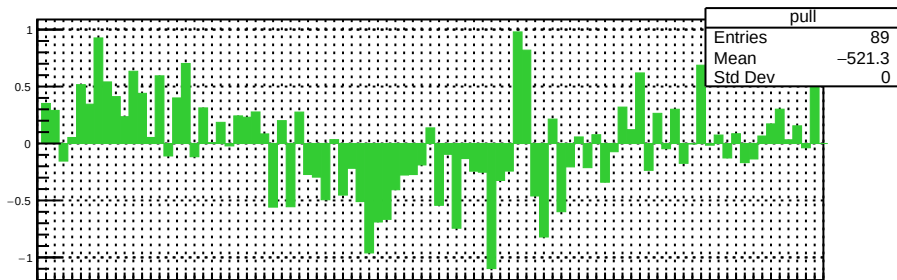
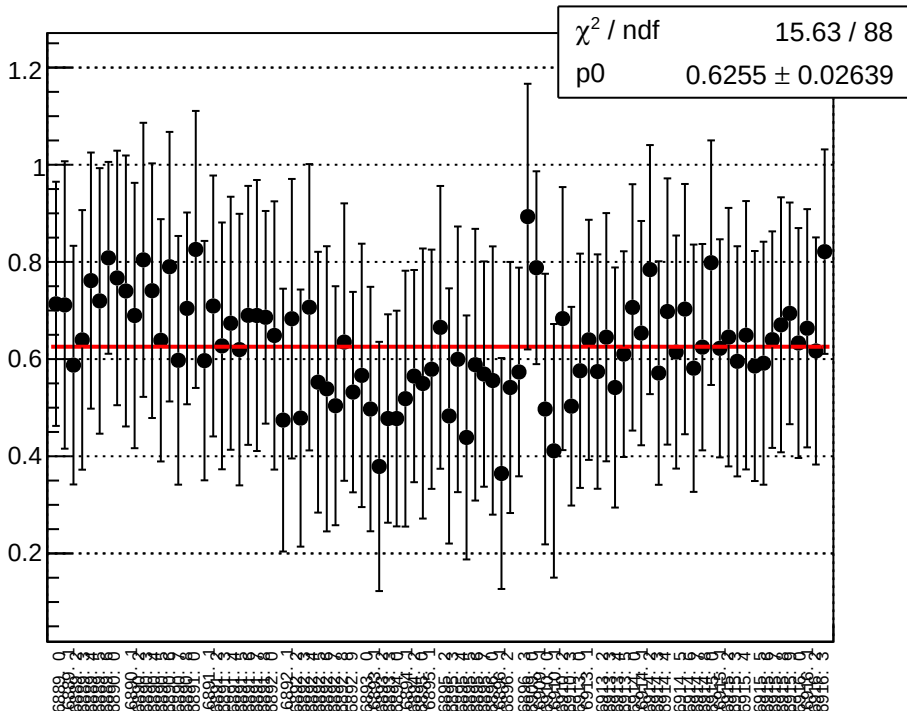
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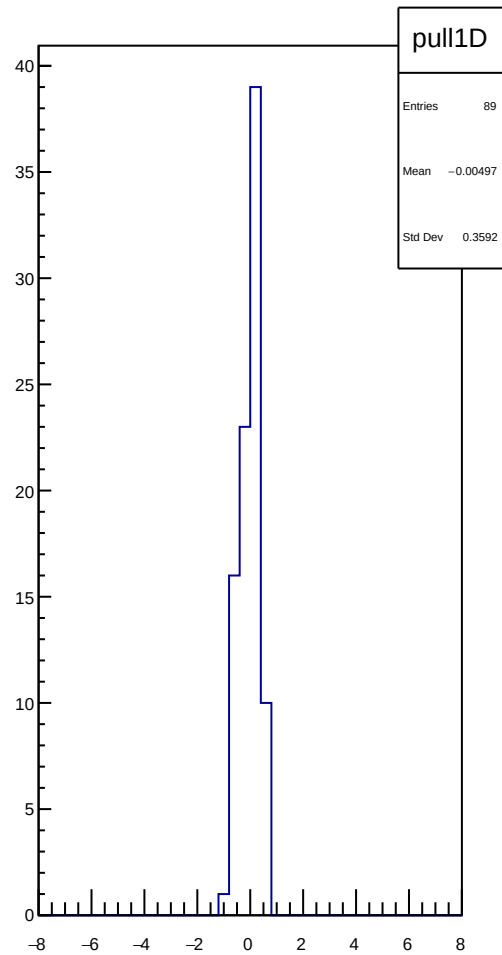
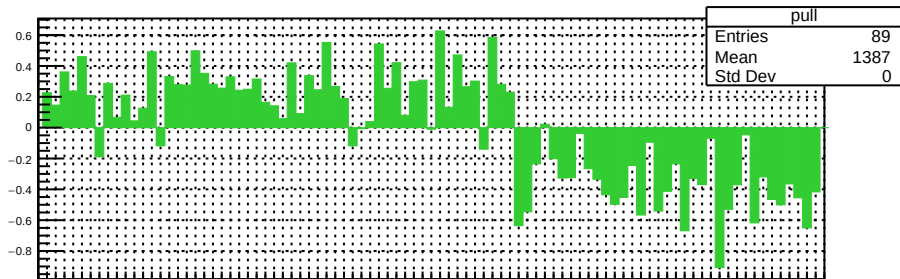
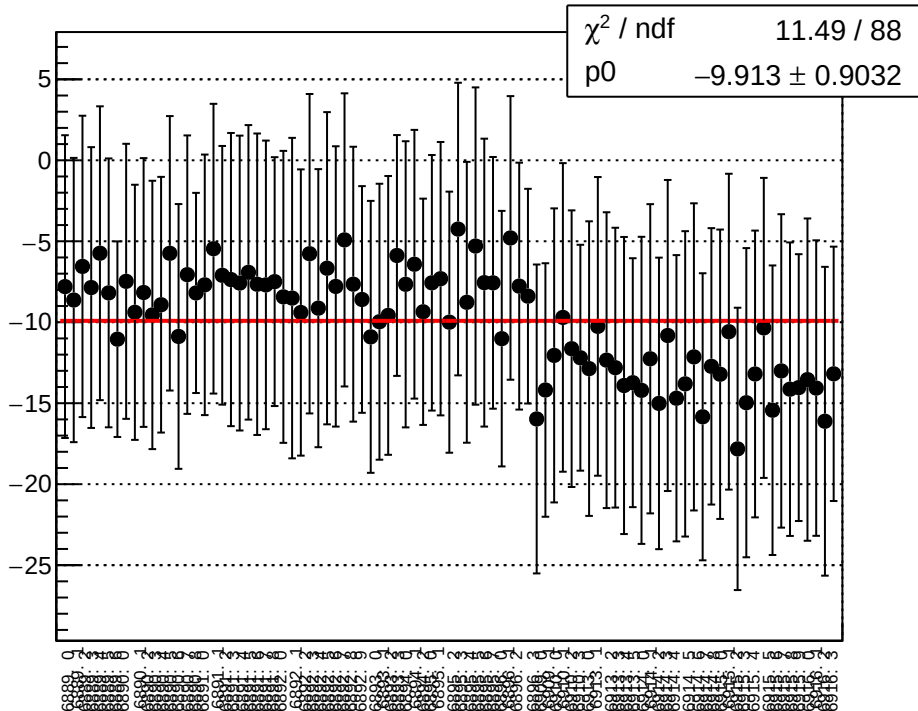
reg_asym_sam_15_dd_diff_bpm4eY_slope vs run



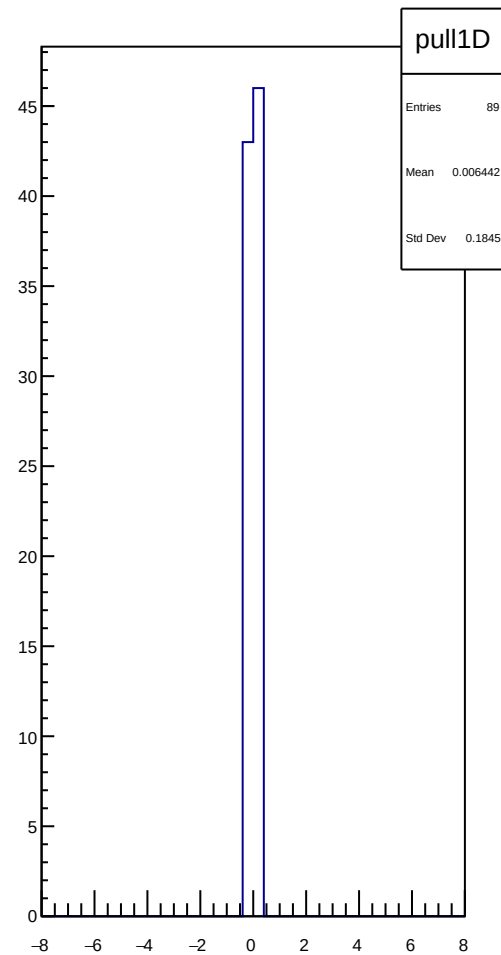
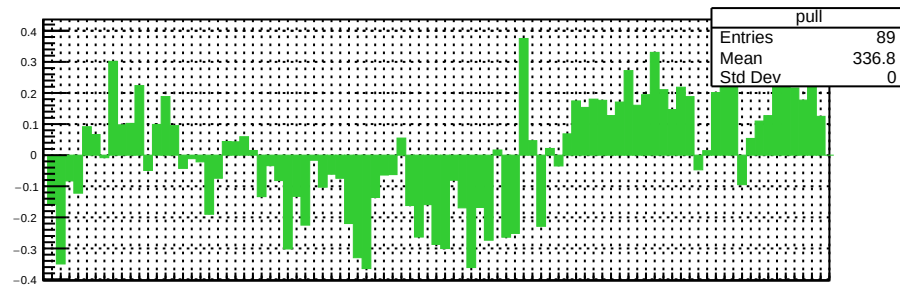
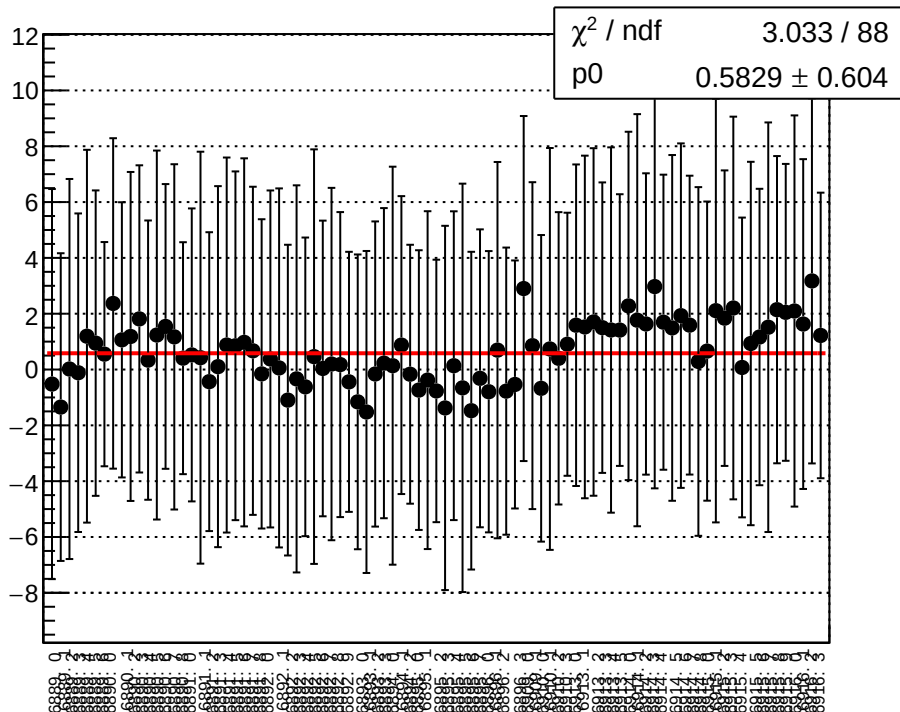
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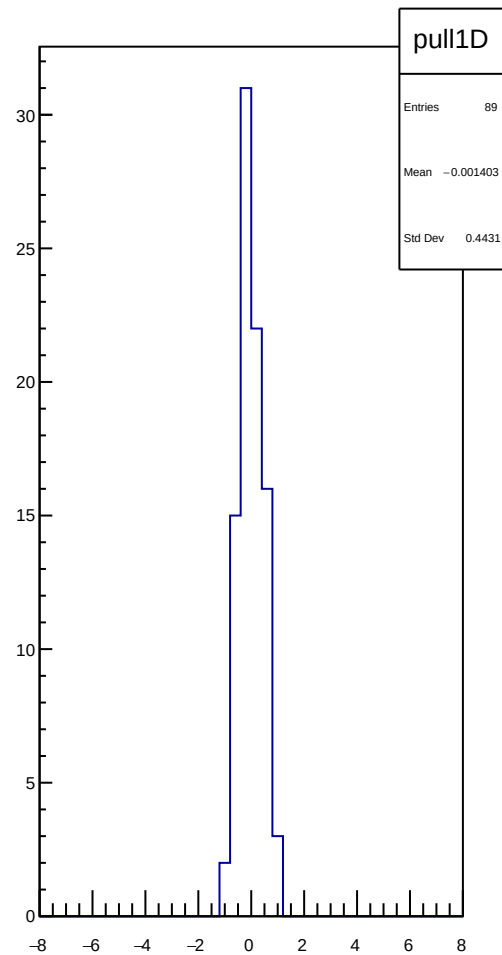
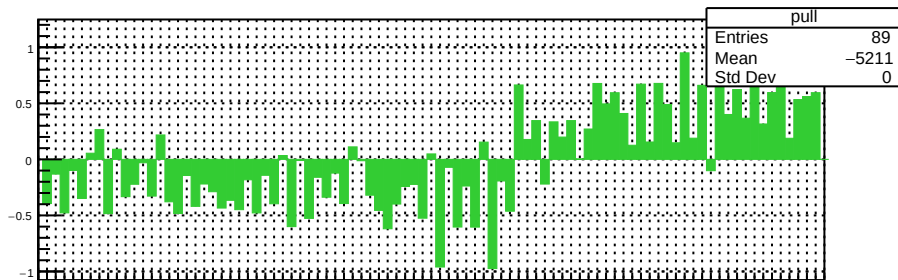
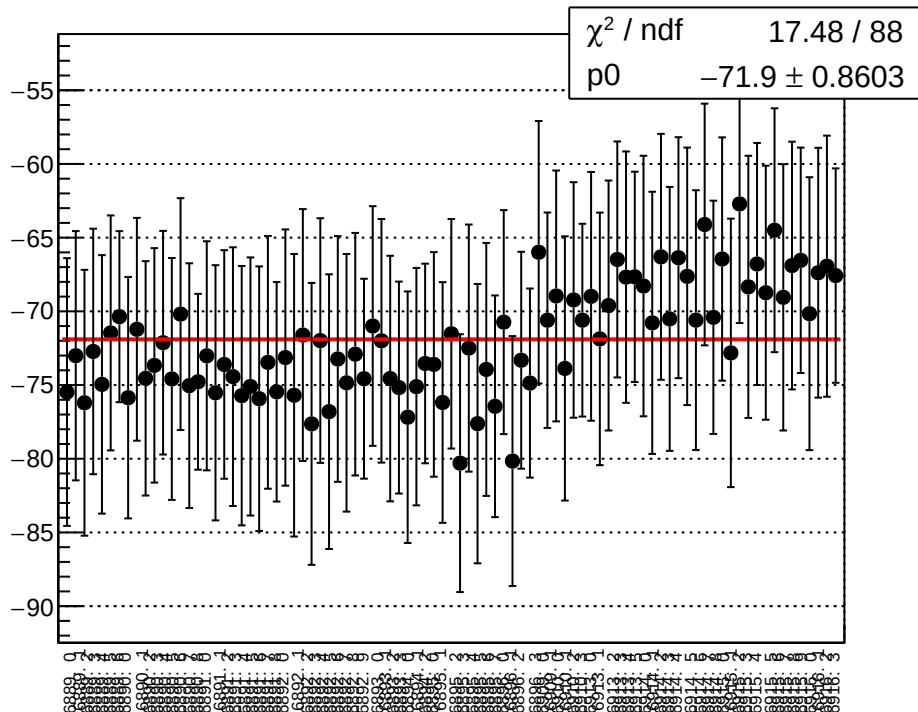
reg_asym_sam_37_avg_diff_bpm1X_slope vs run



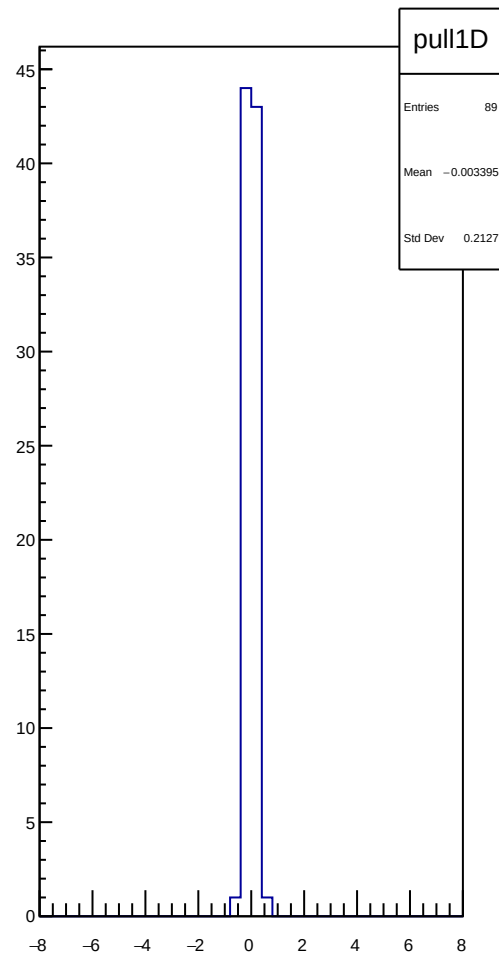
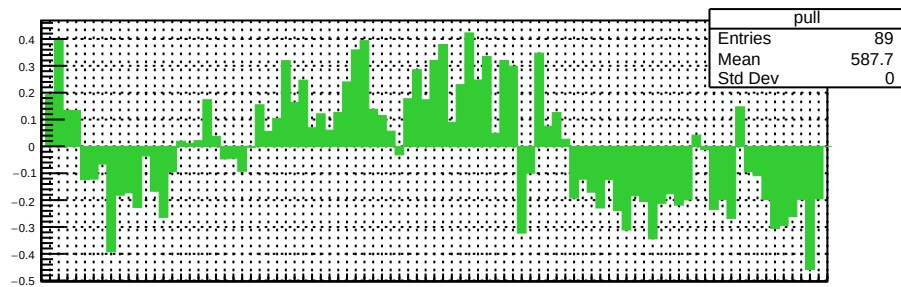
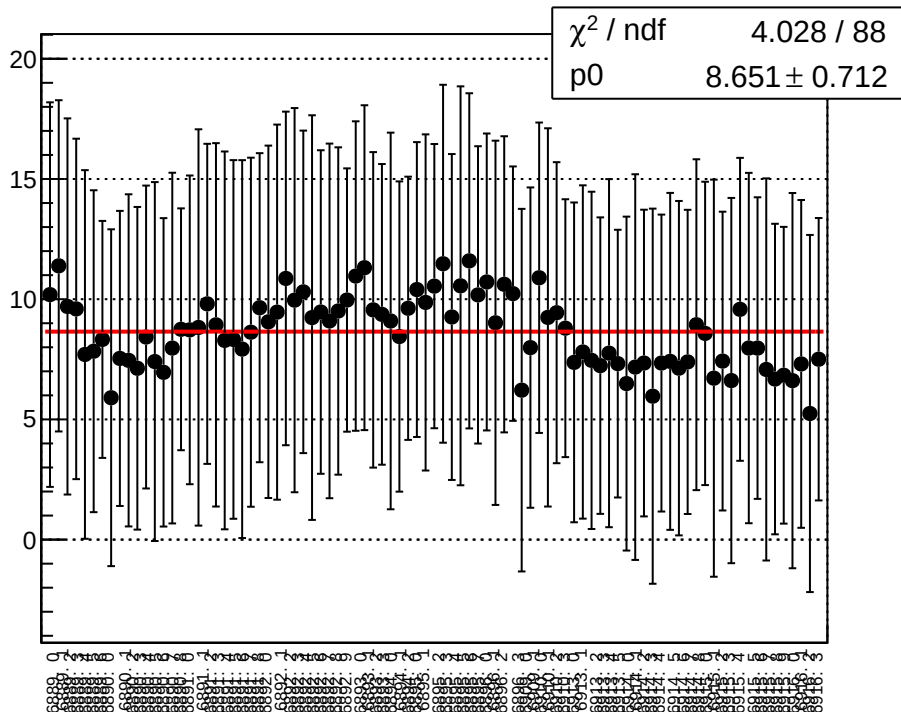
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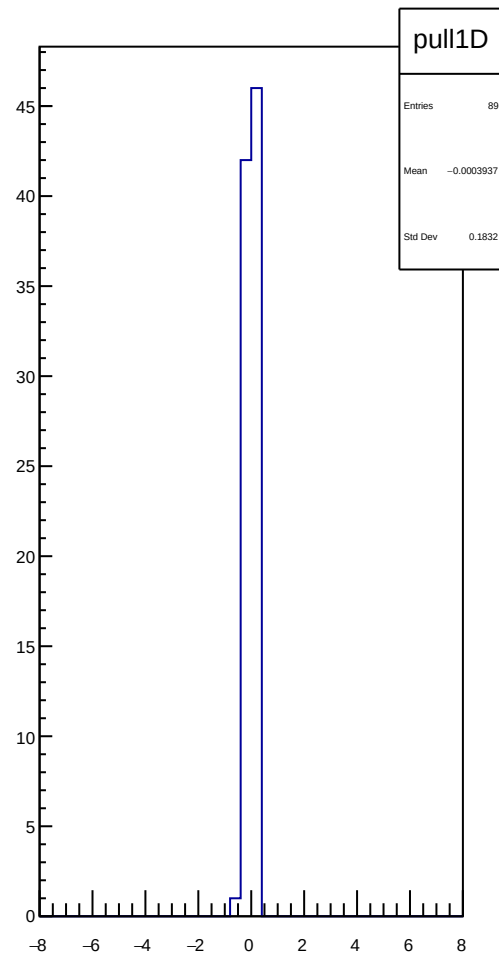
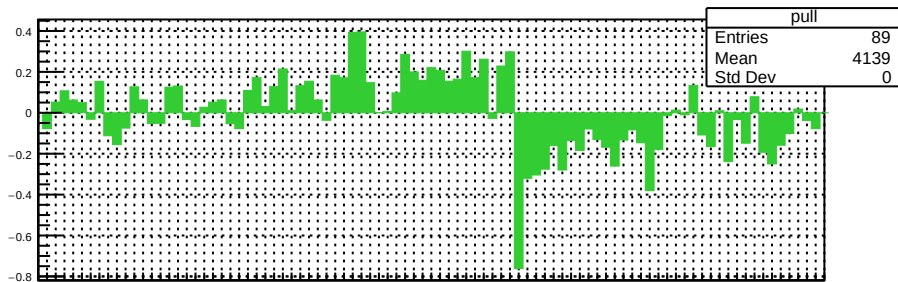
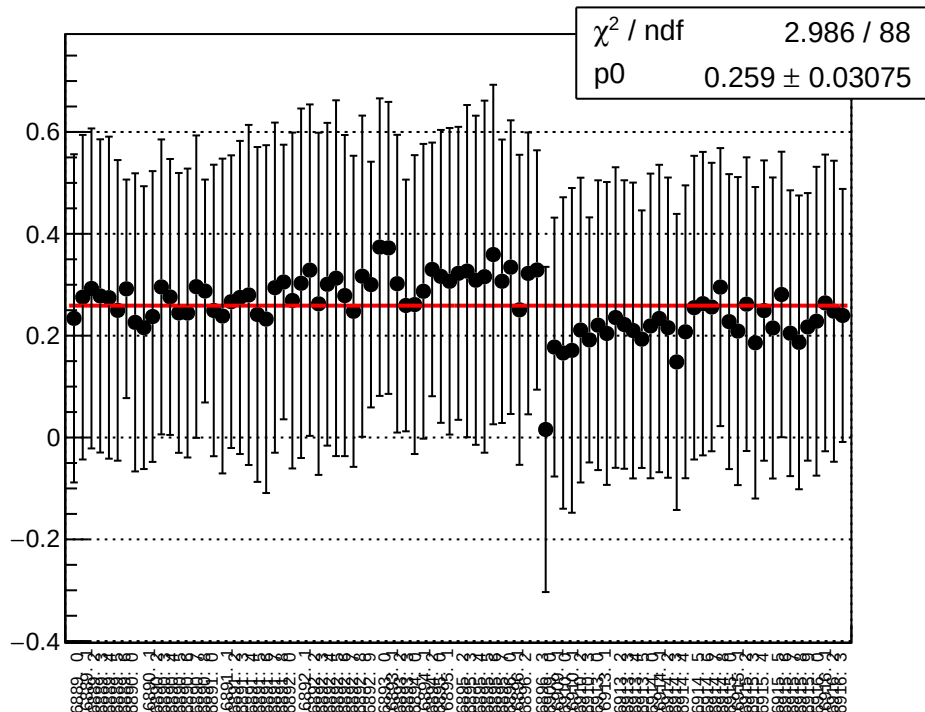
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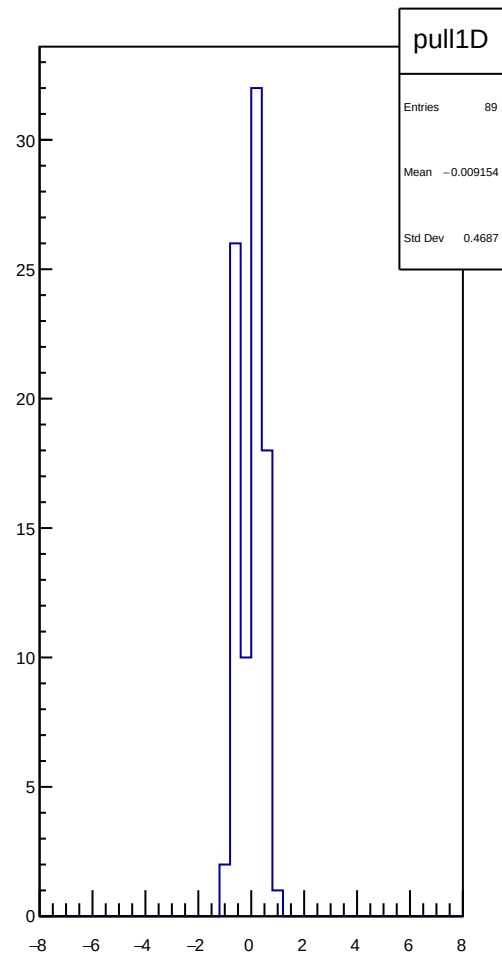
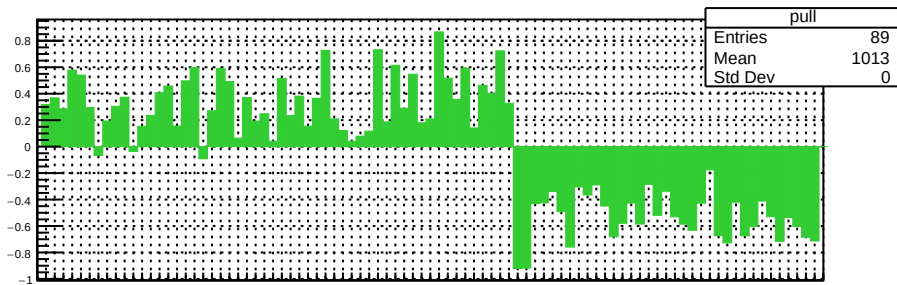
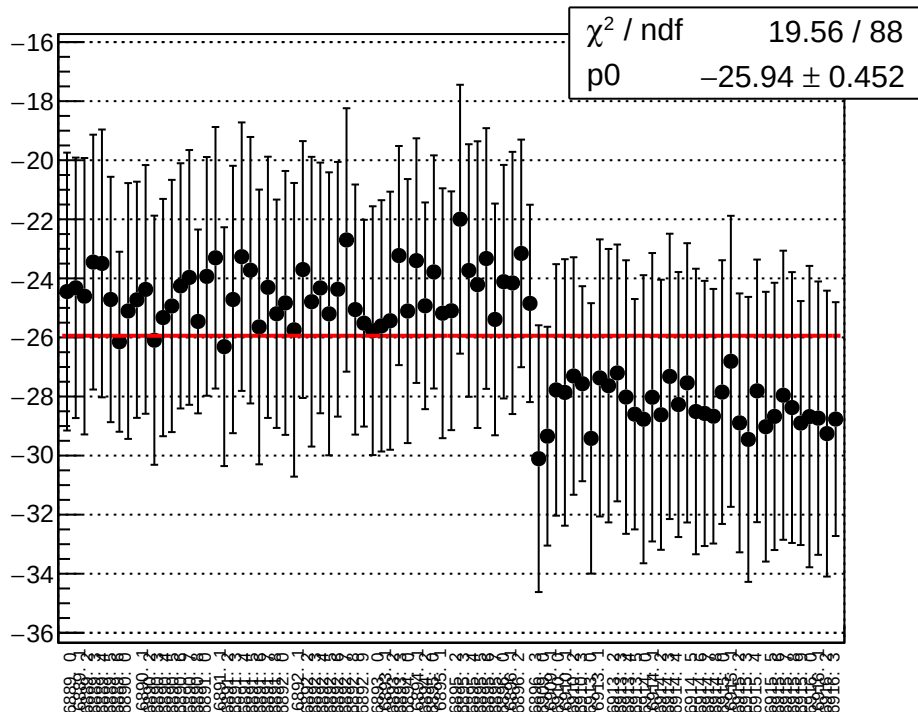
reg_asym_sam_37_avg_diff_bpm4eY_slope vs run



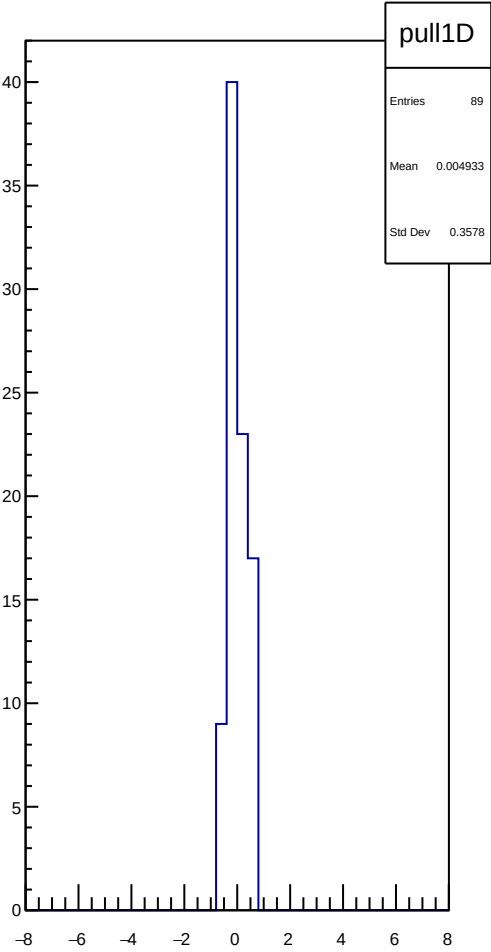
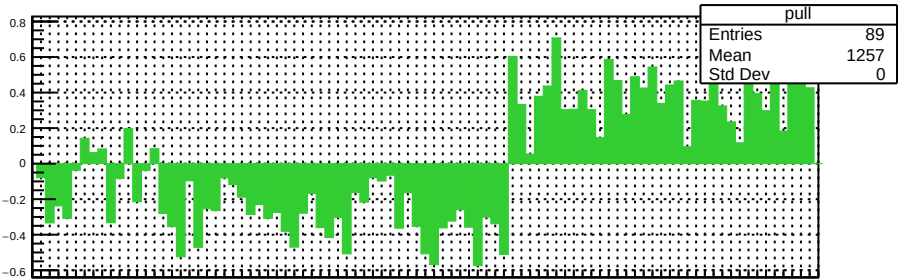
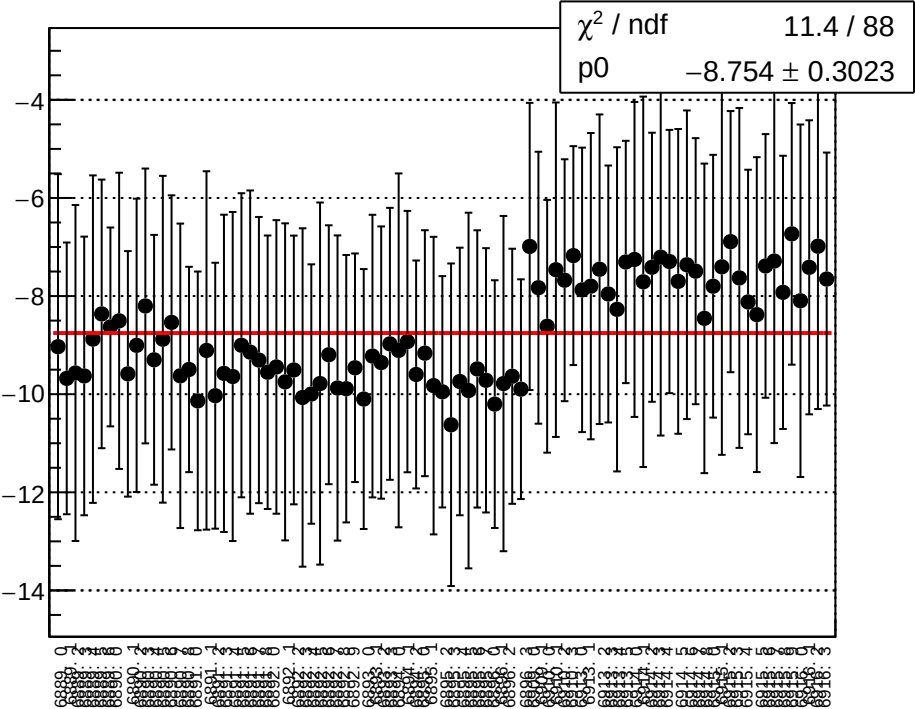
reg_asym_sam_37_avg_diff_bpm12X_slope vs run



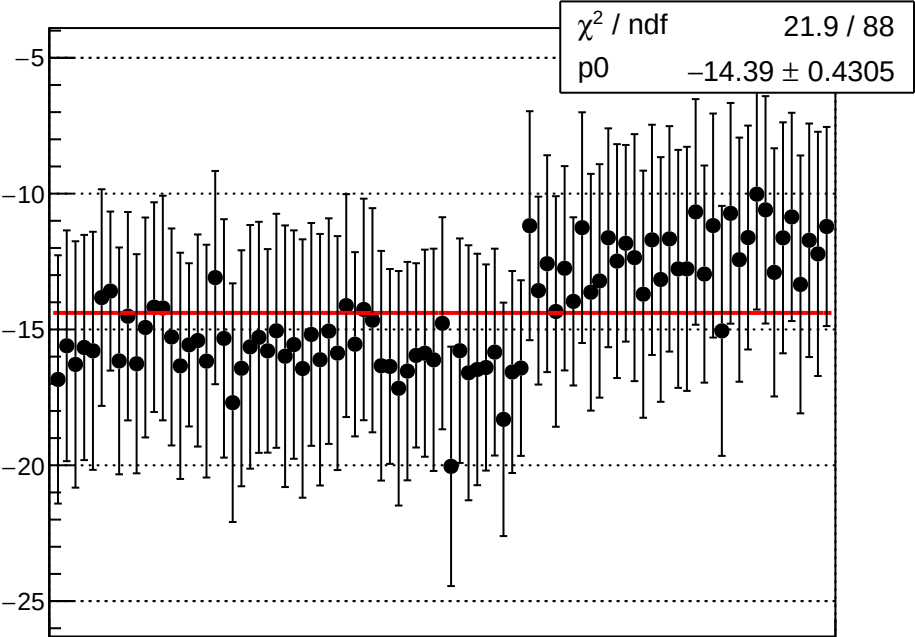
reg_asym_sam_37_dd_diff_bpm1X_slope vs run



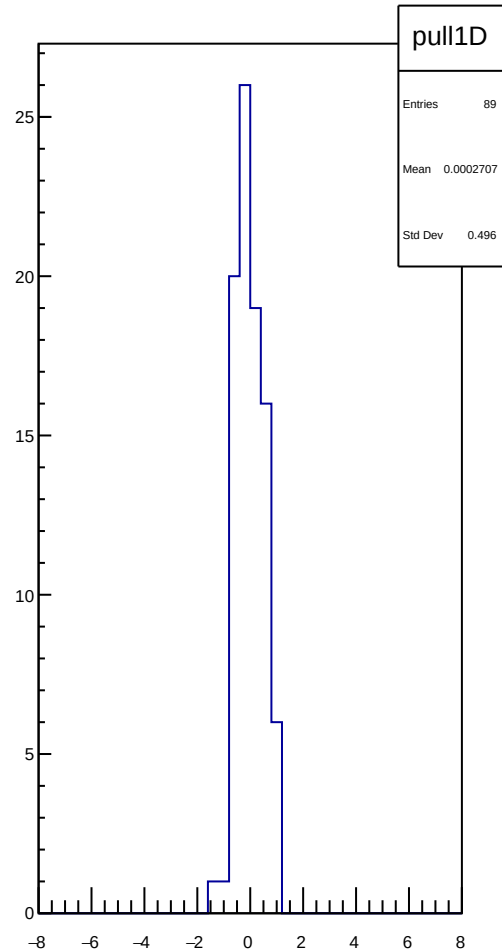
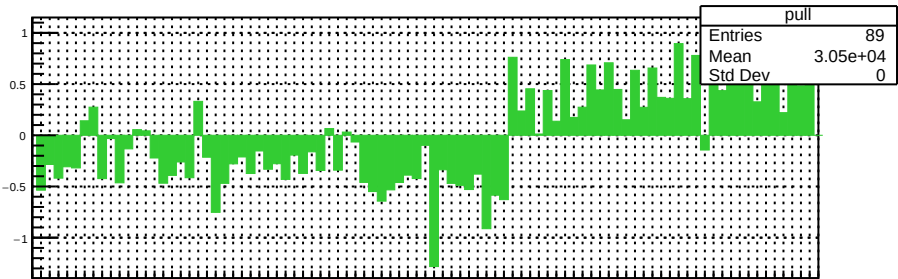
reg_asym_sam_37_dd_diff_bpm4aY_slope vs run



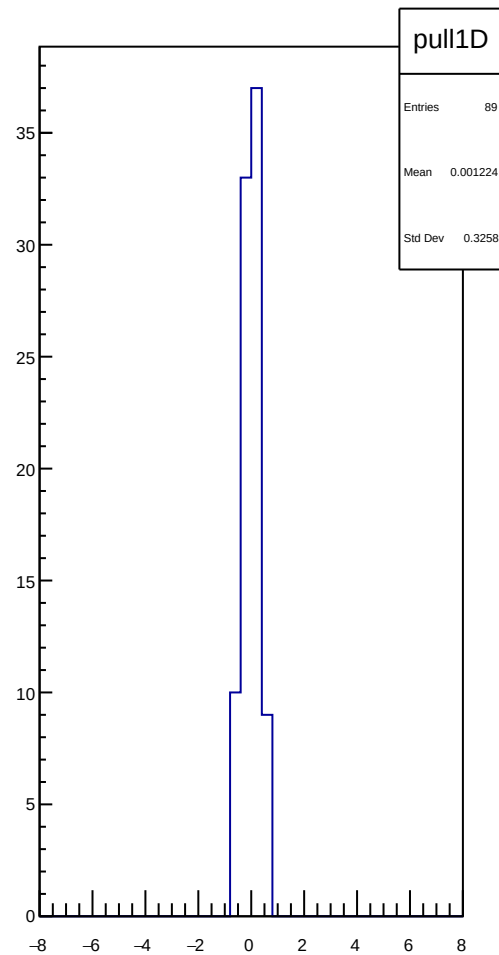
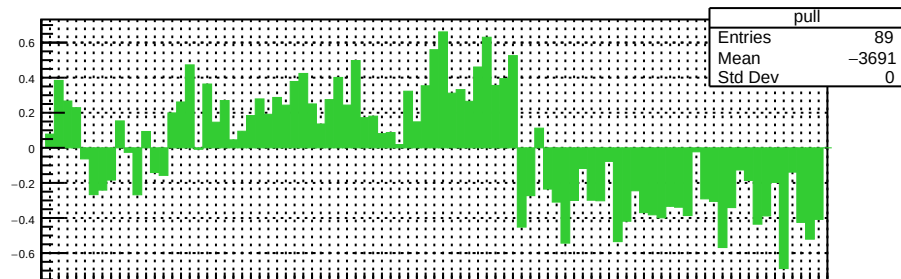
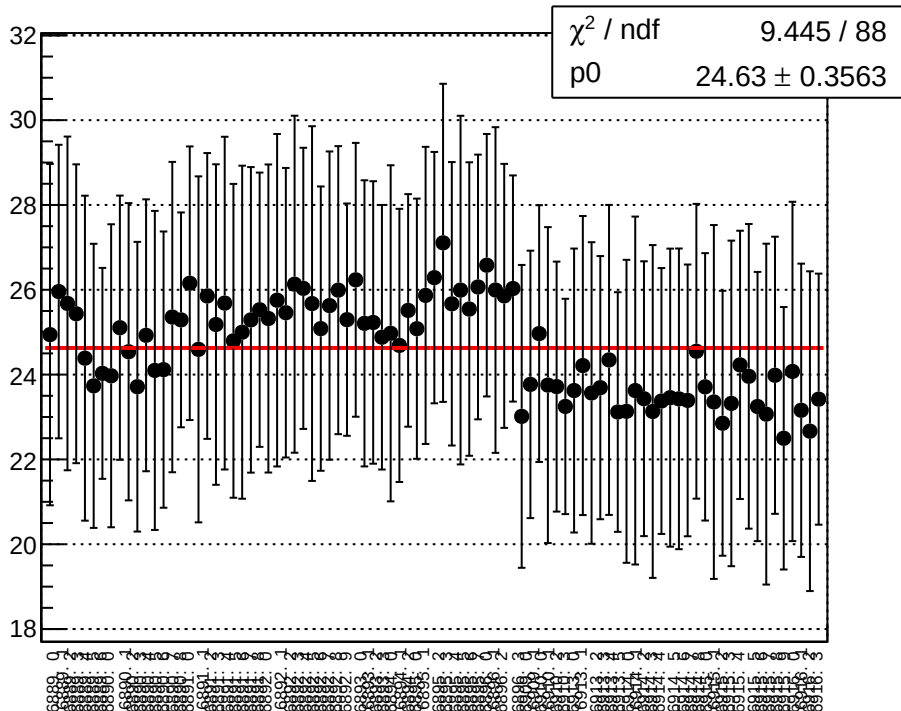
reg_asym_sam_37_dd_diff_bpm4eX_slope vs run



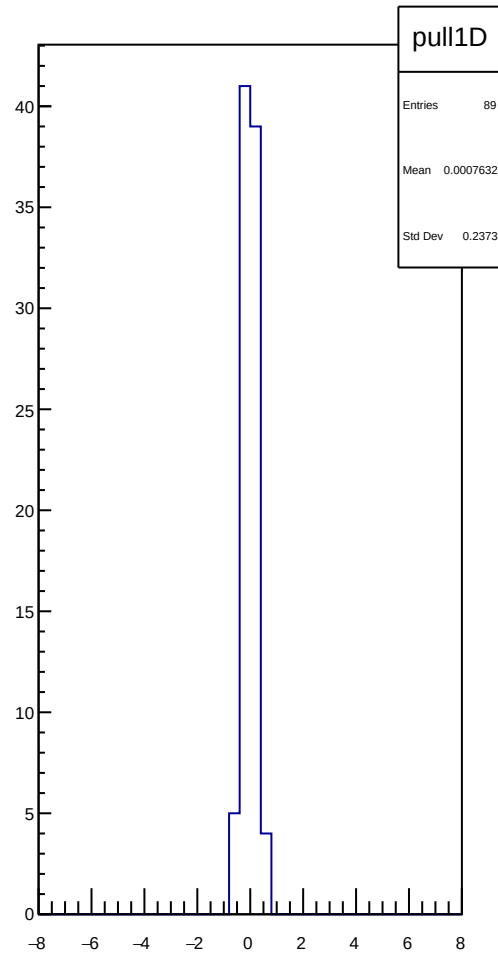
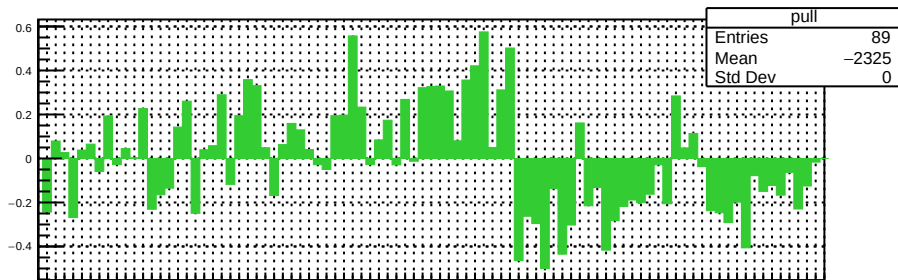
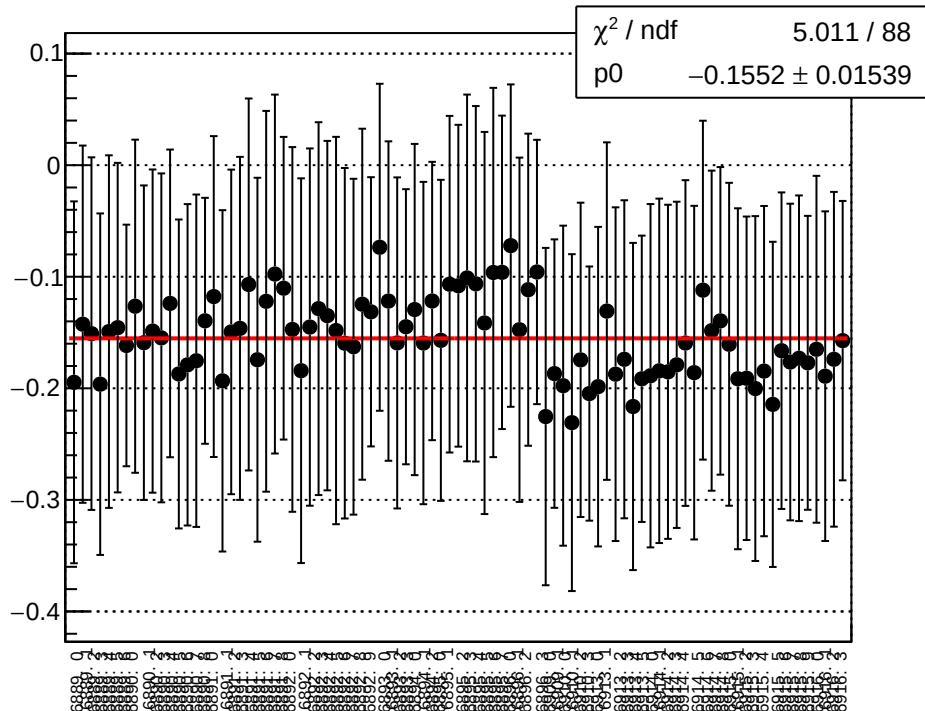
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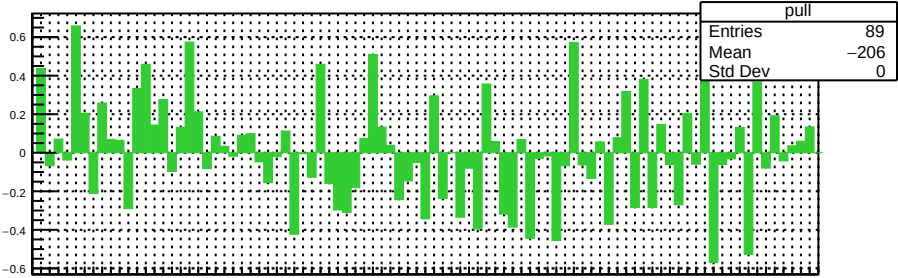
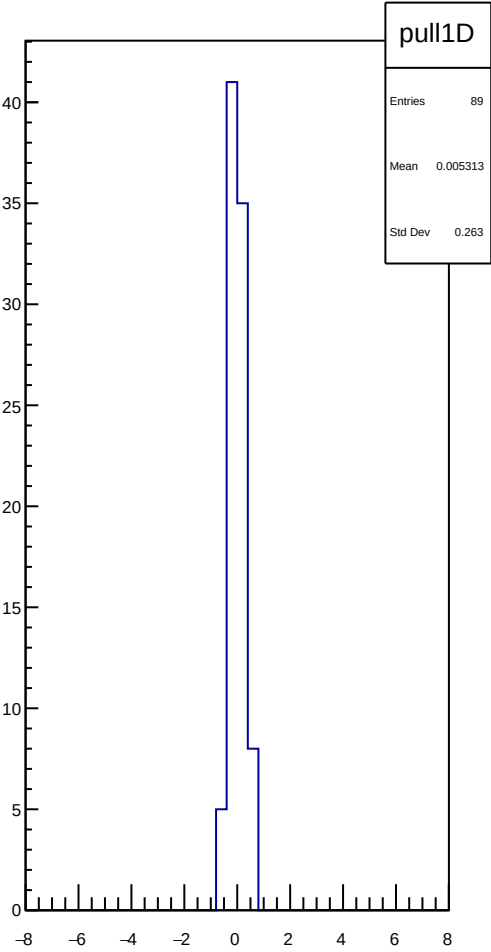
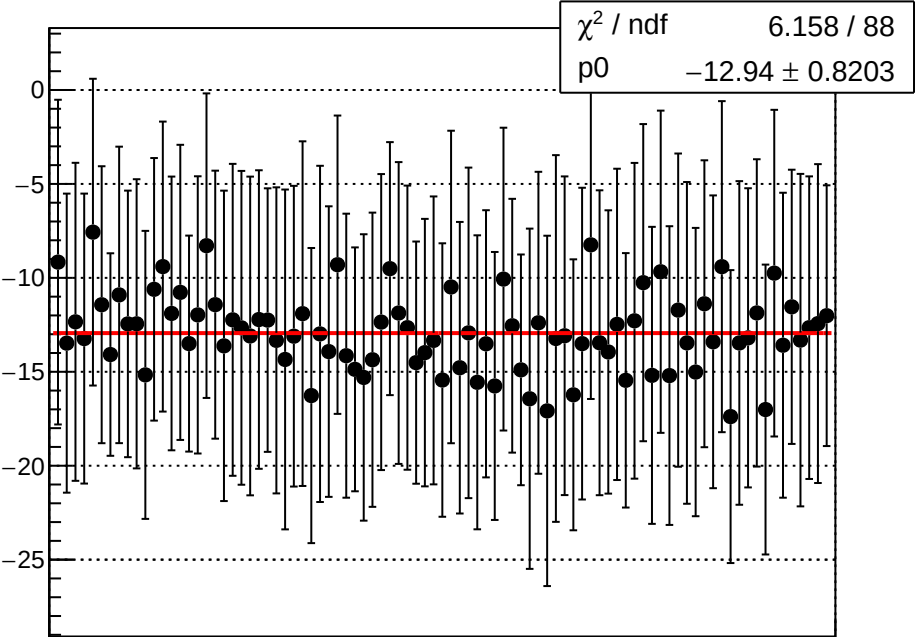
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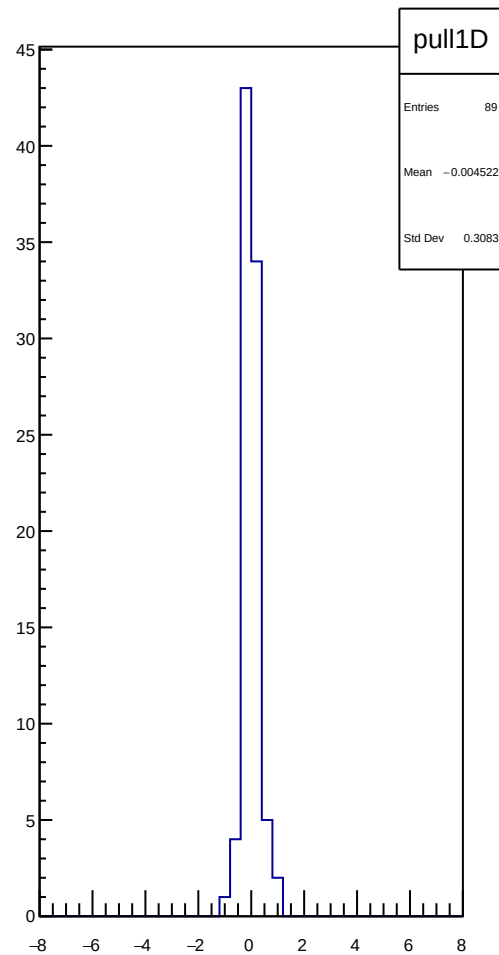
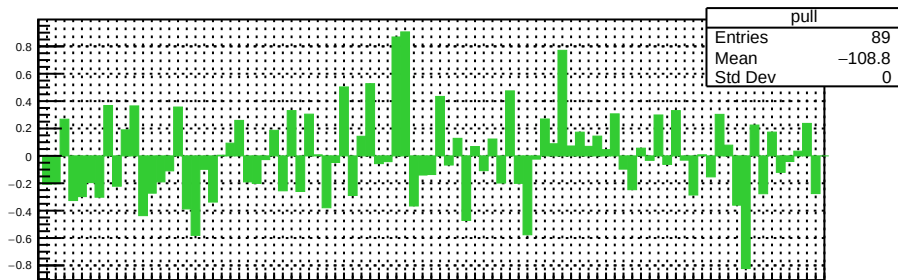
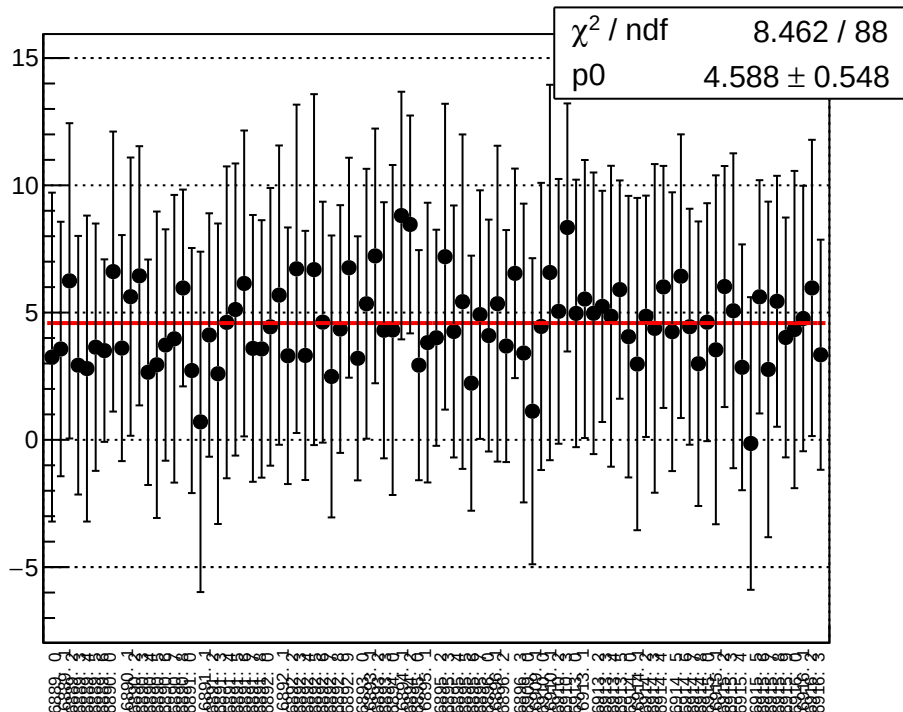
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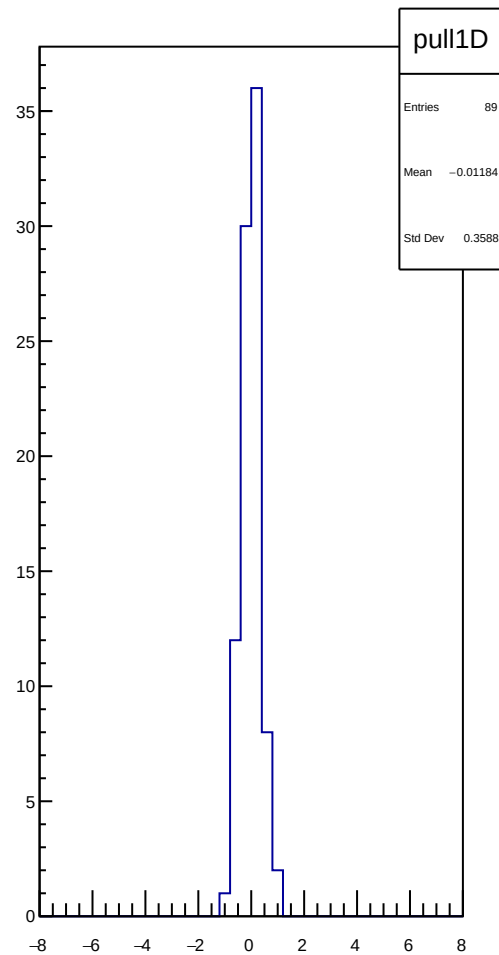
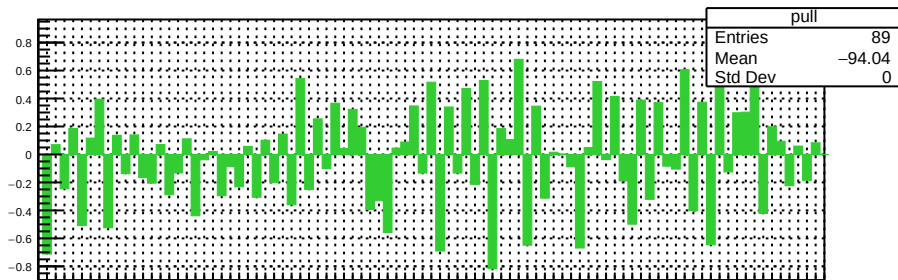
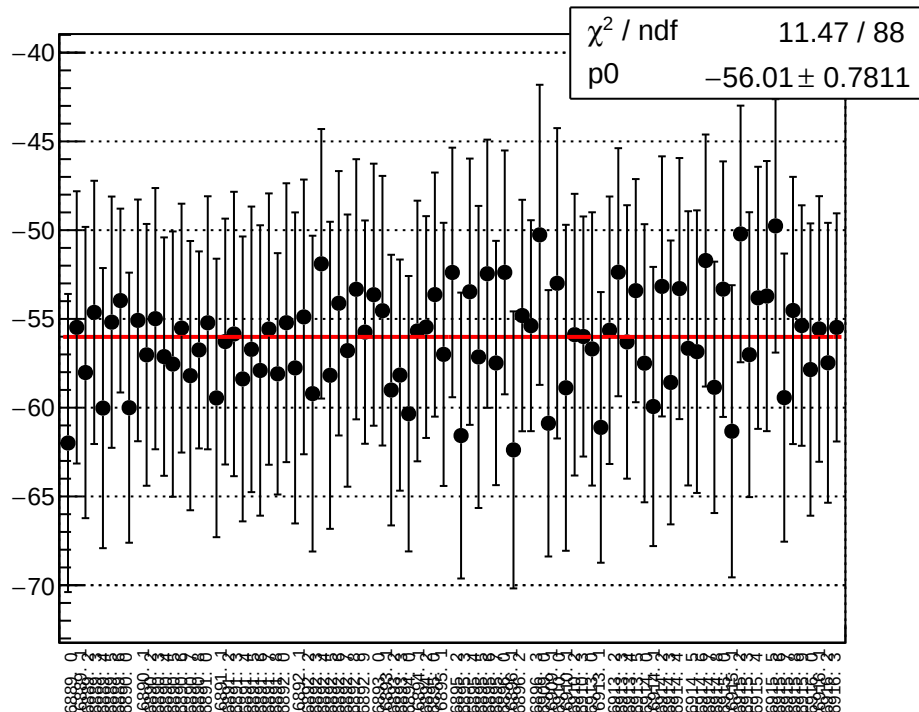
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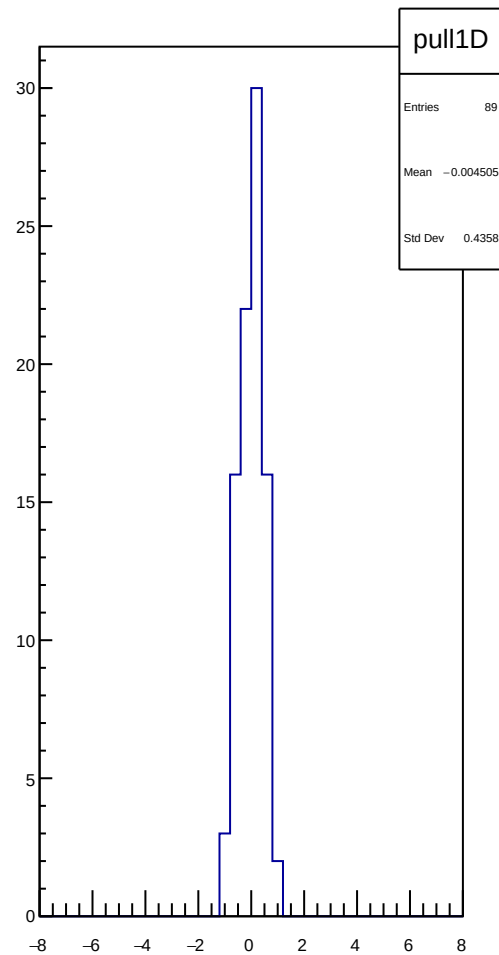
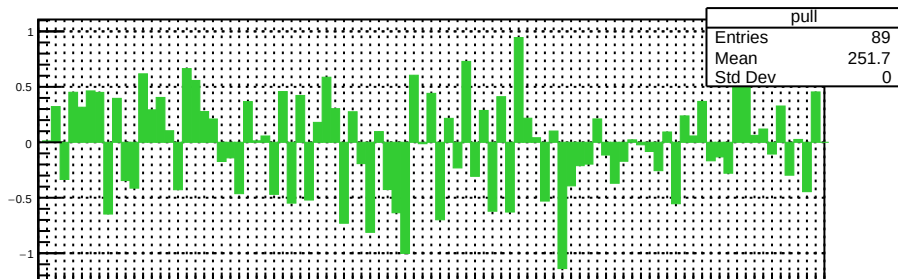
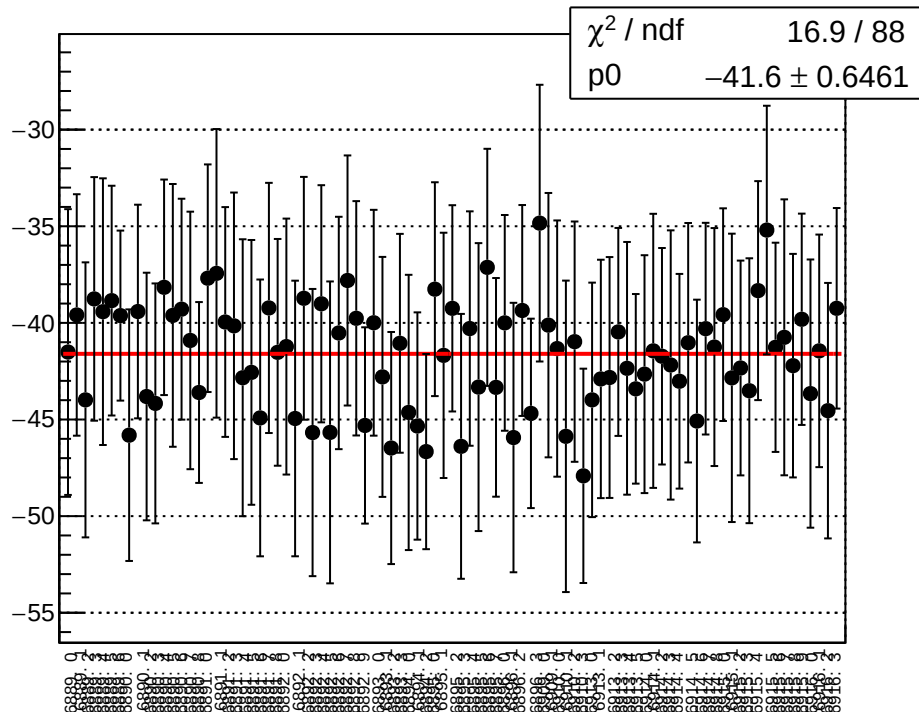
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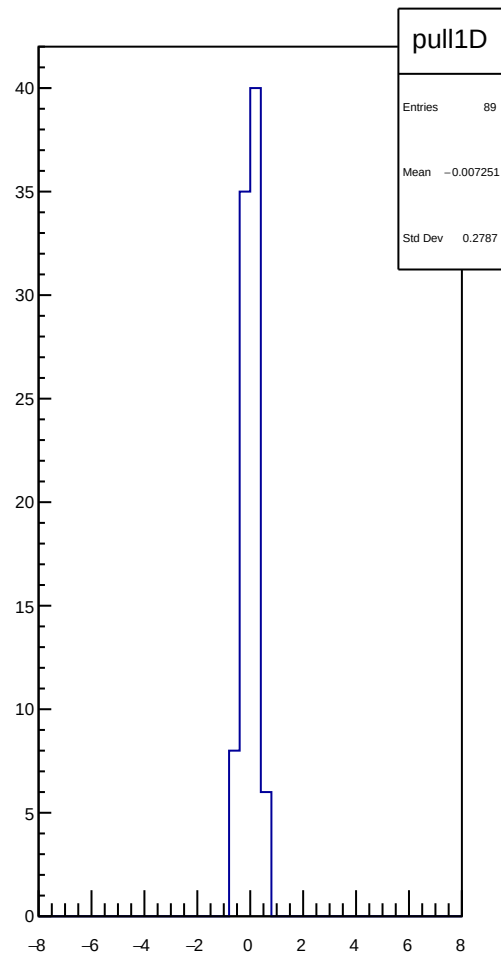
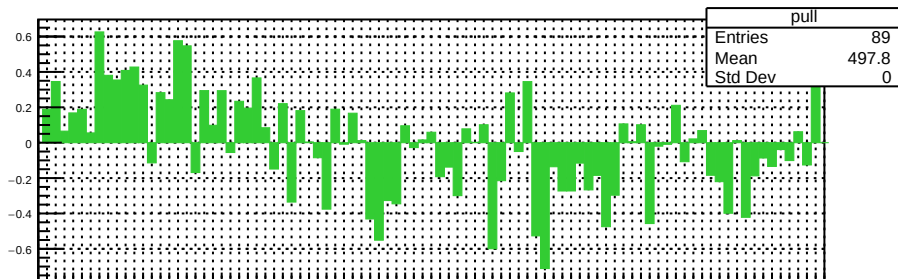
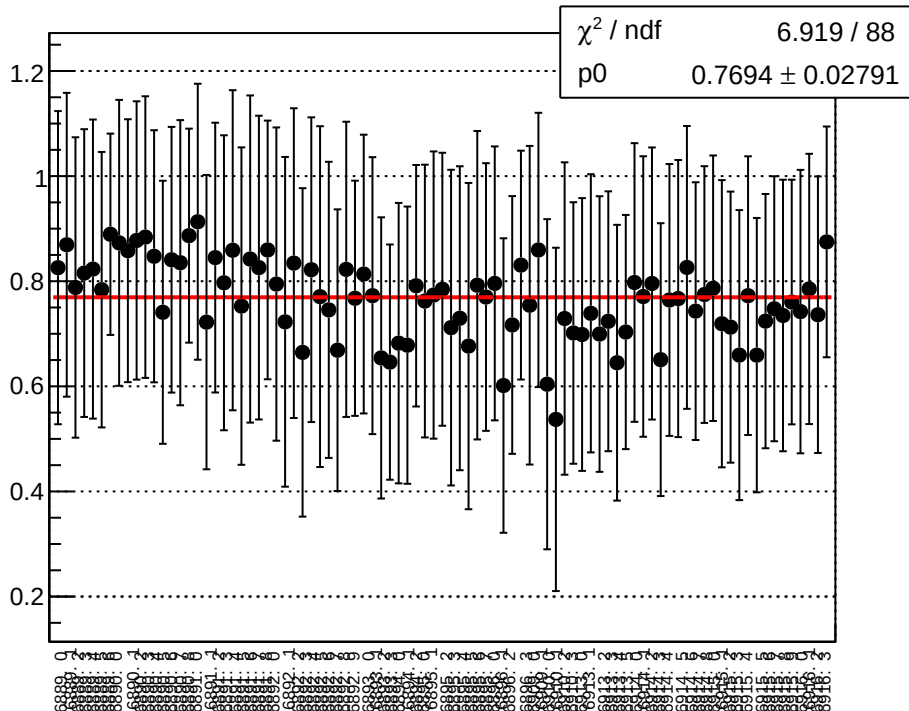
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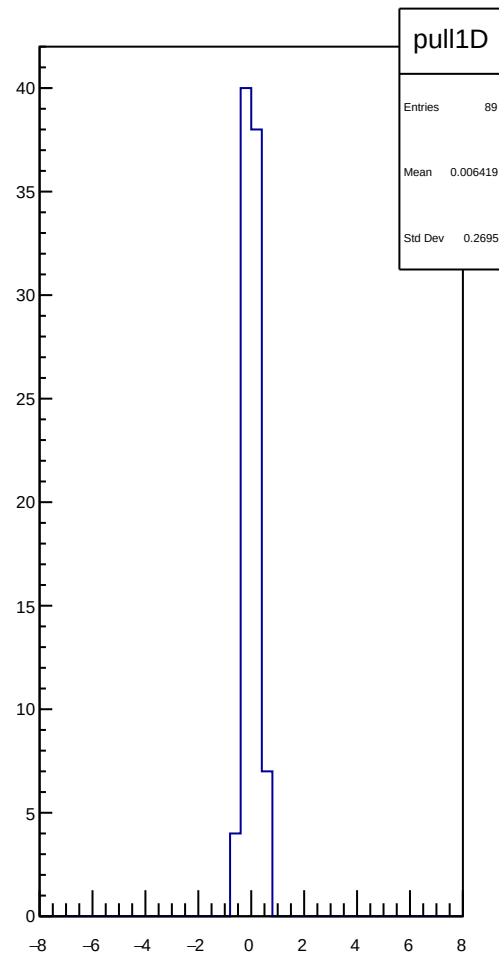
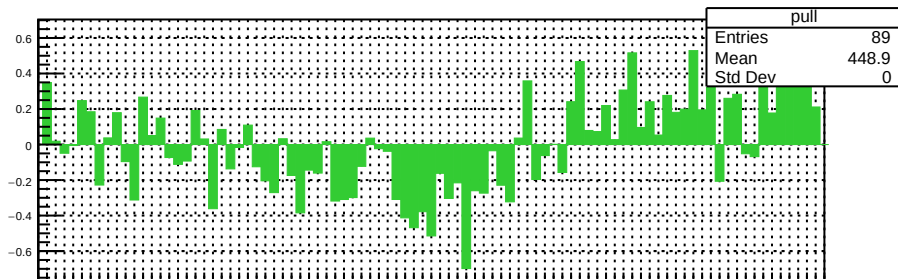
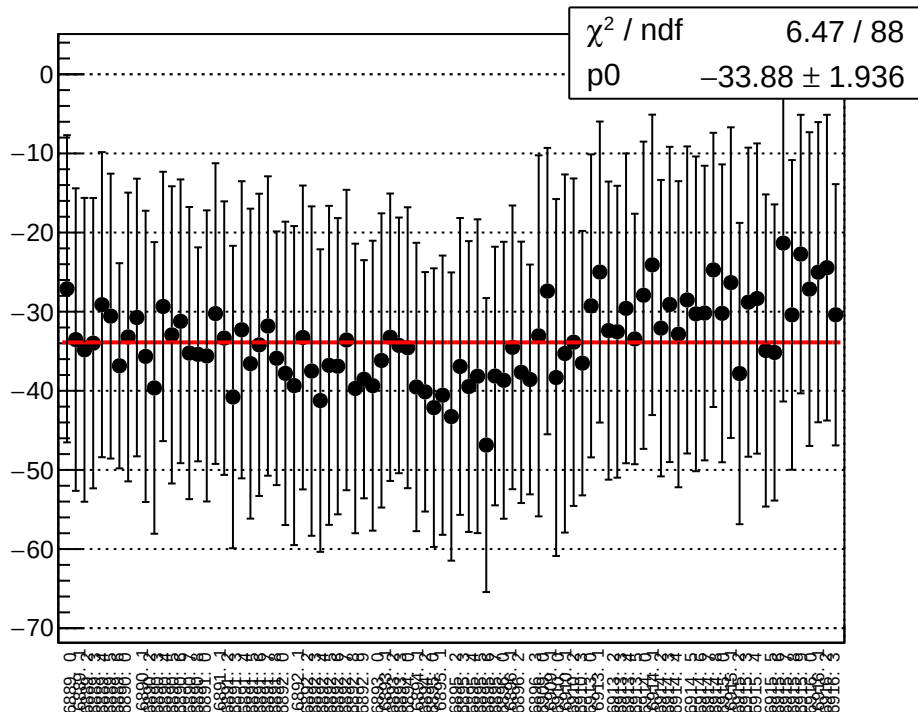
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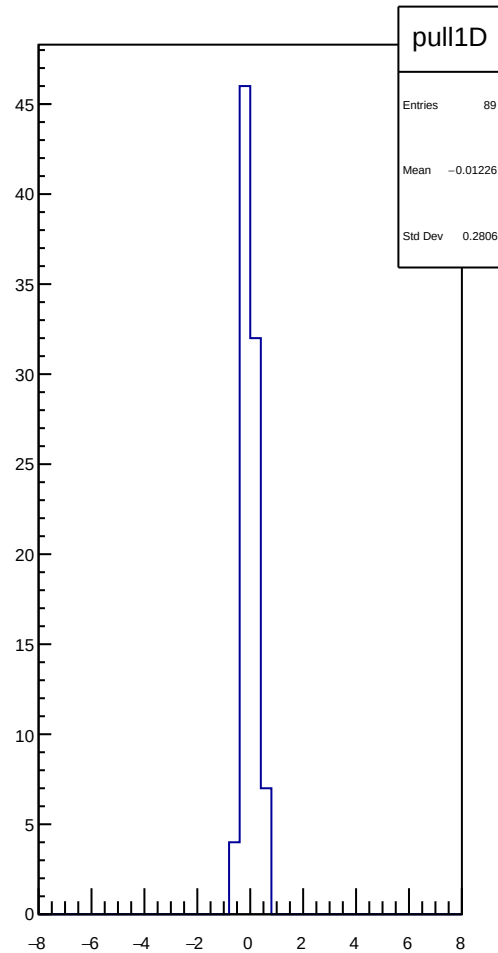
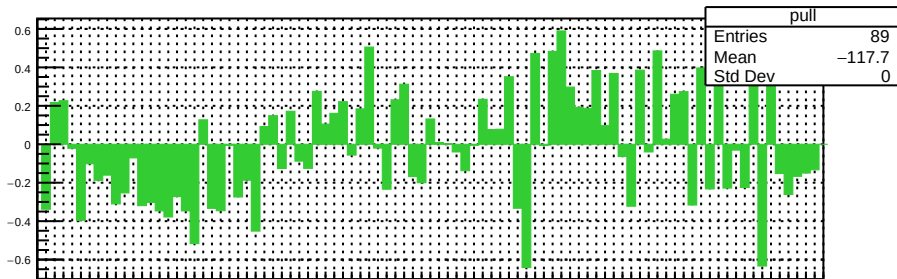
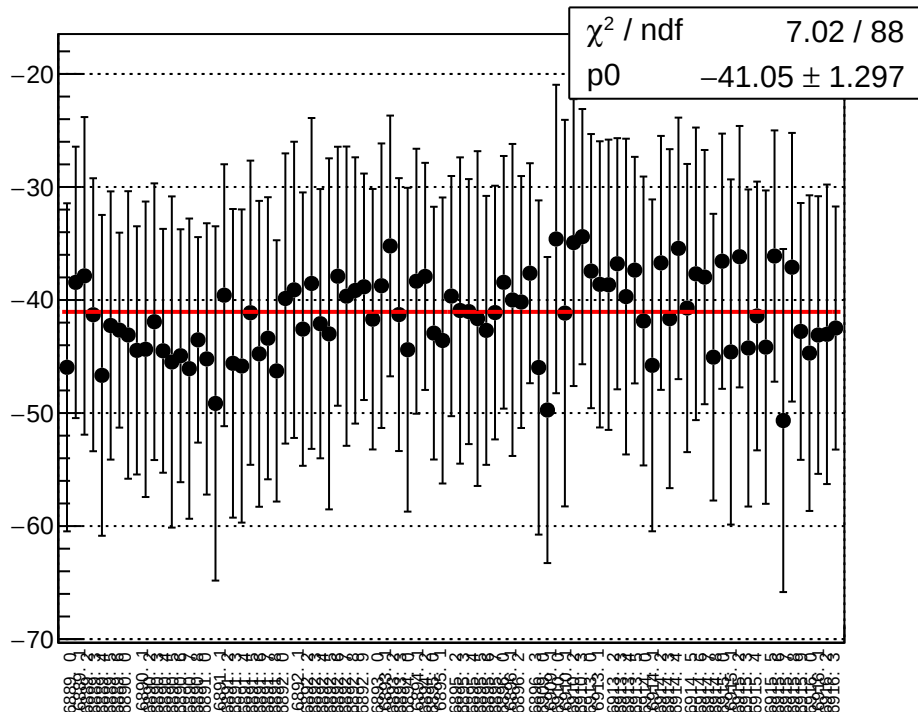
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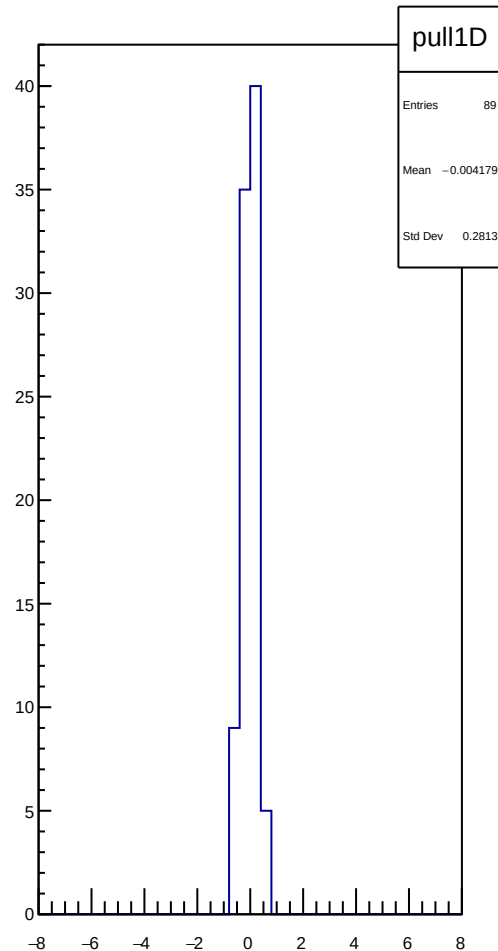
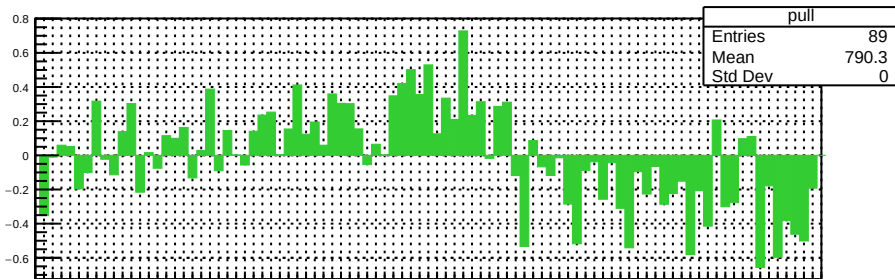
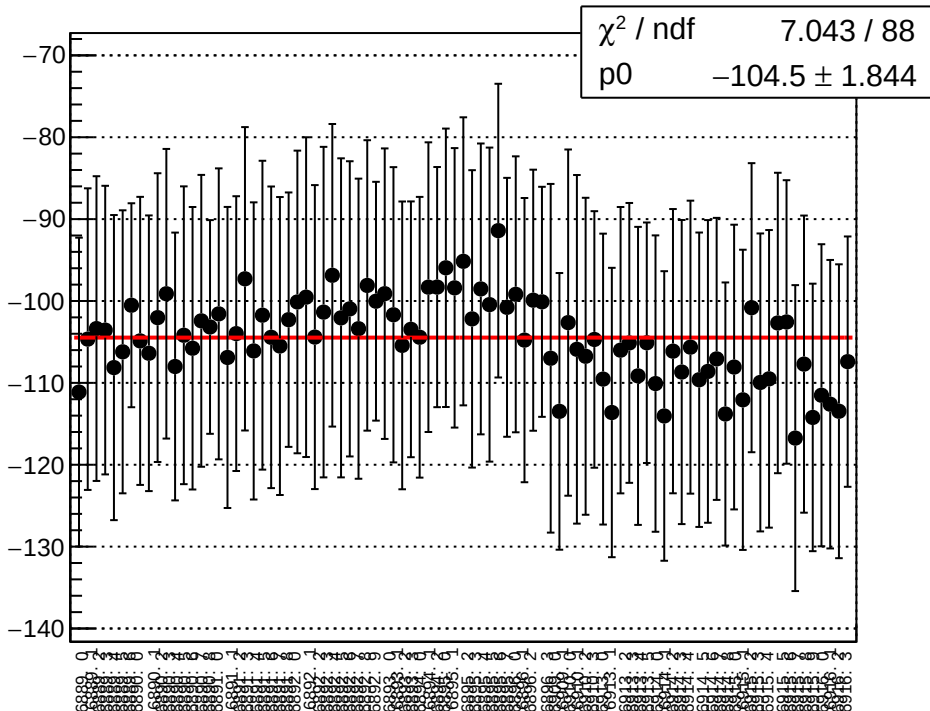
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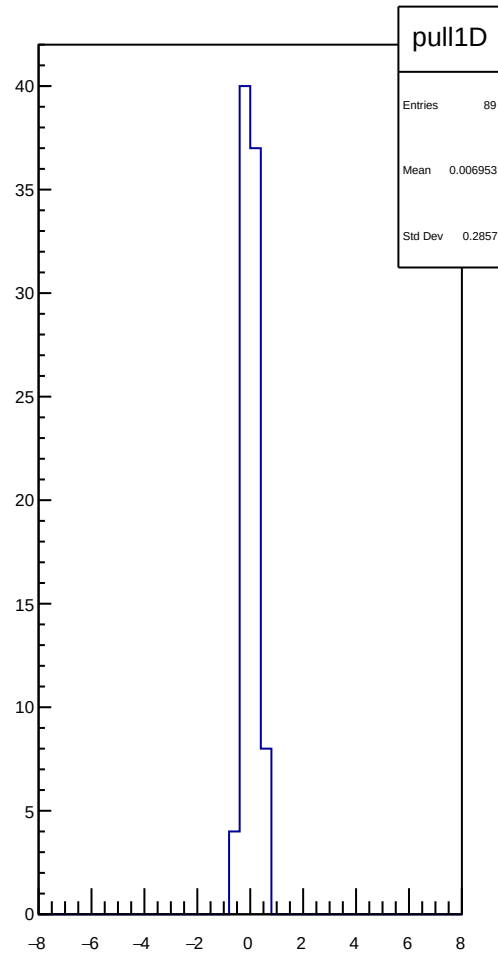
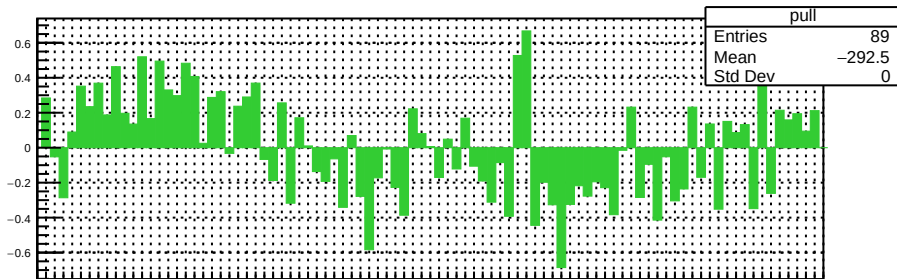
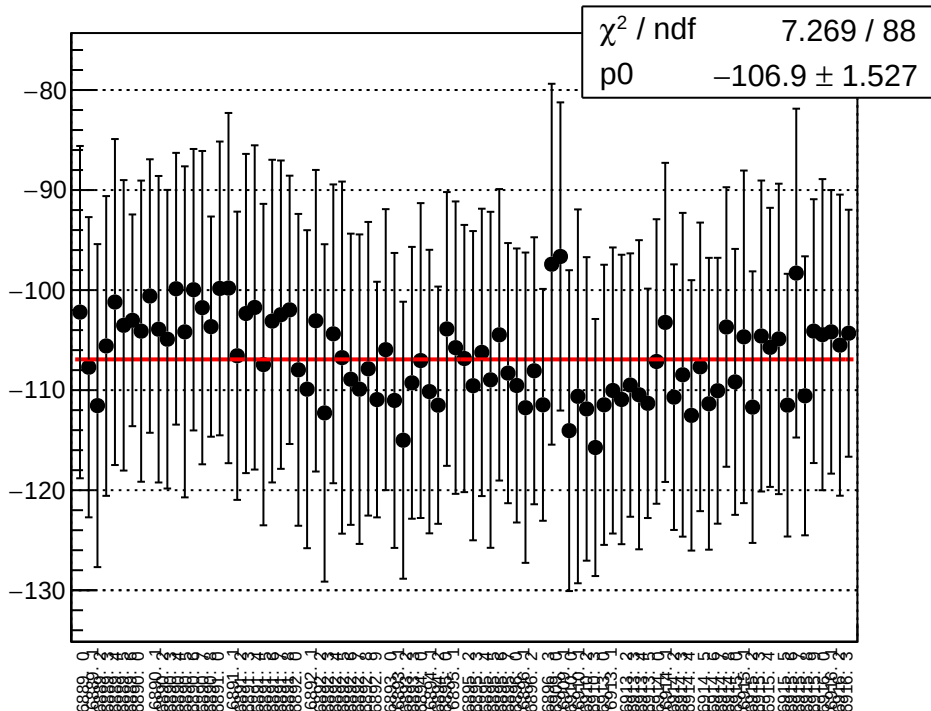
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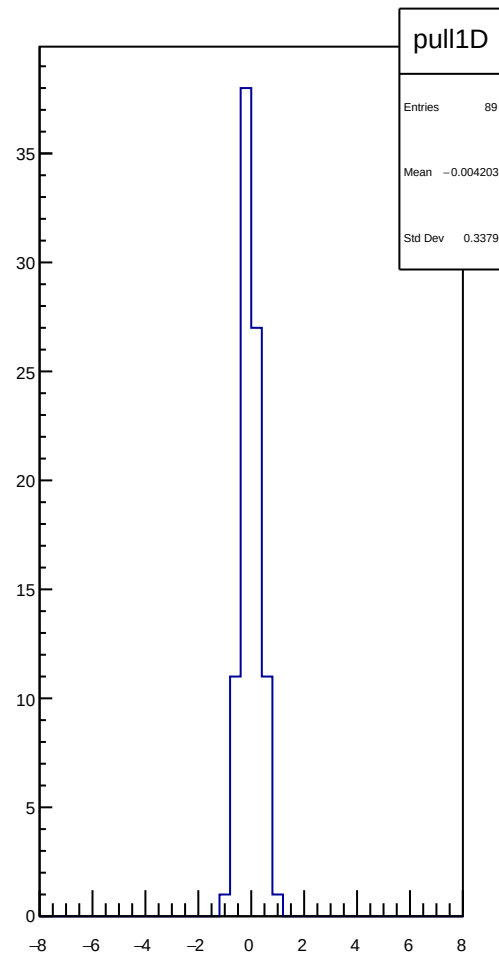
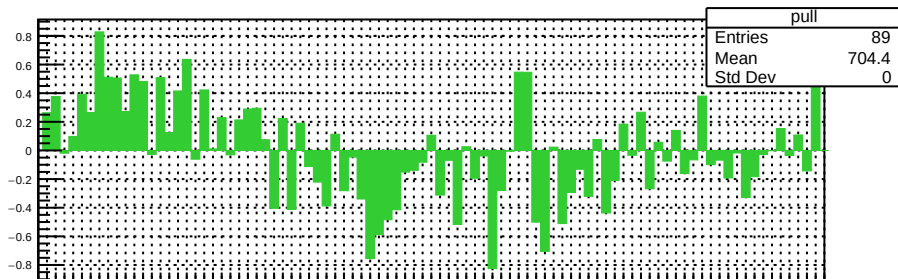
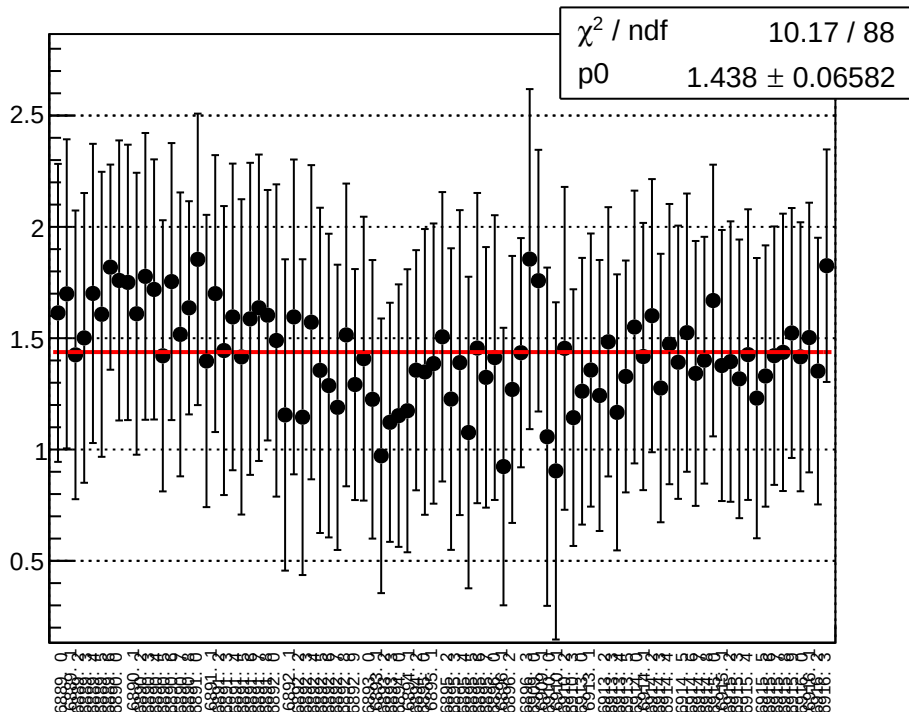
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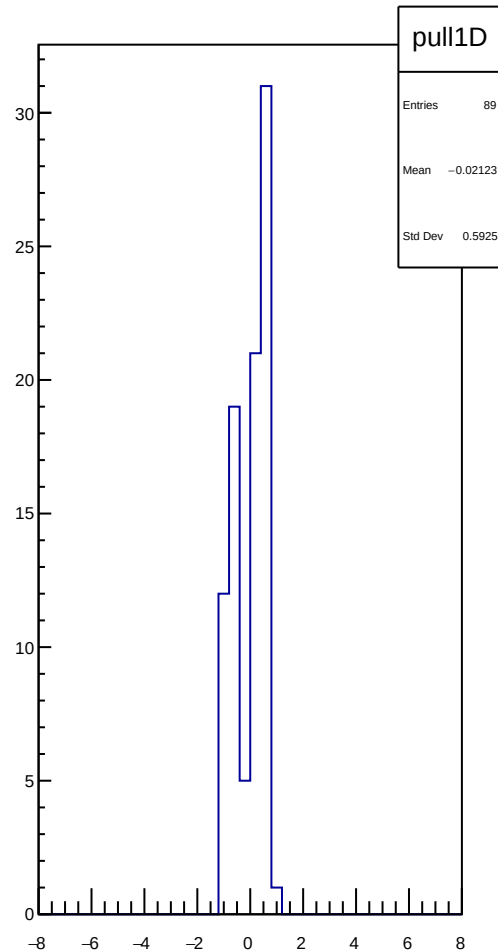
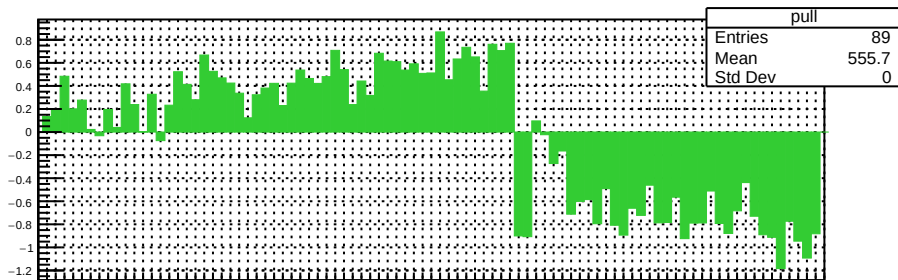
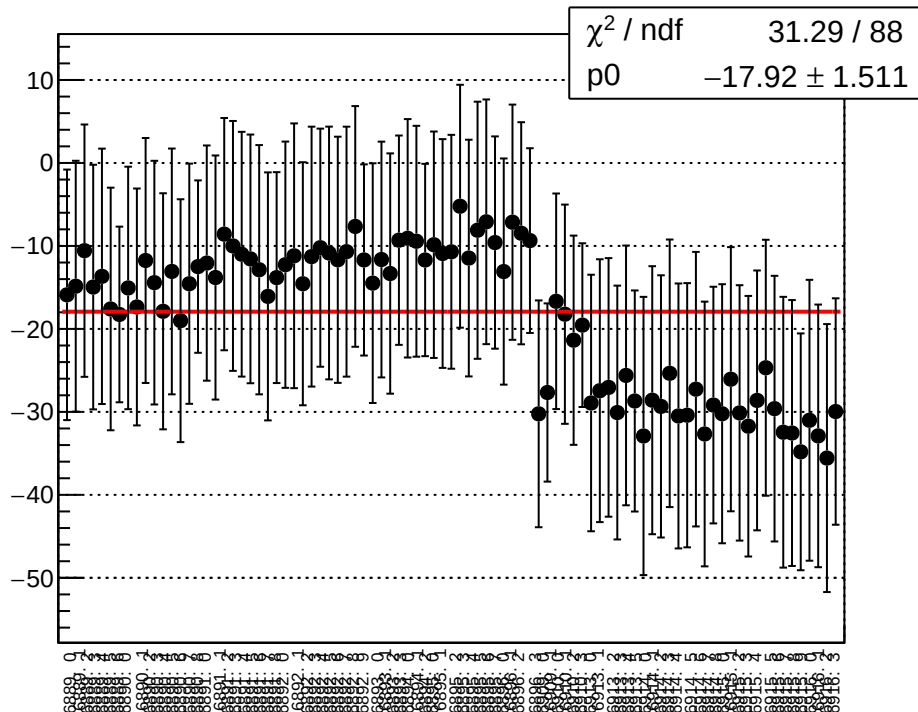
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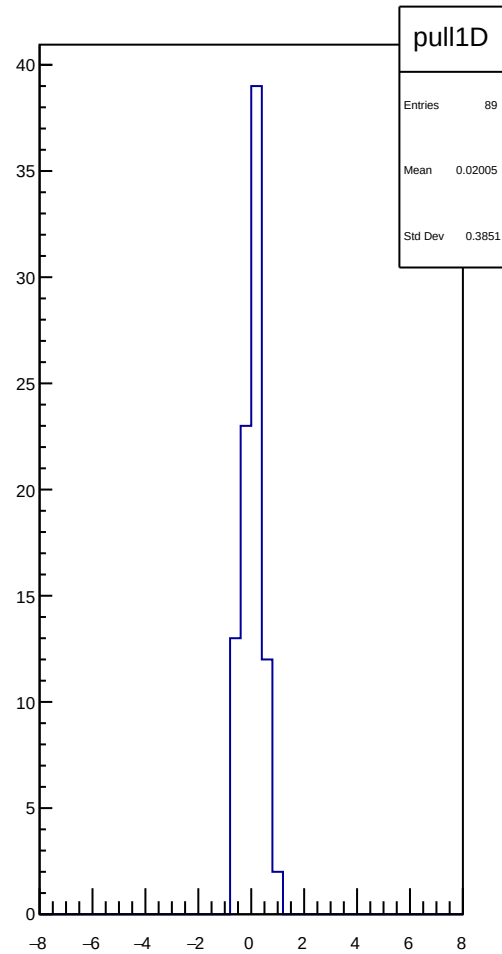
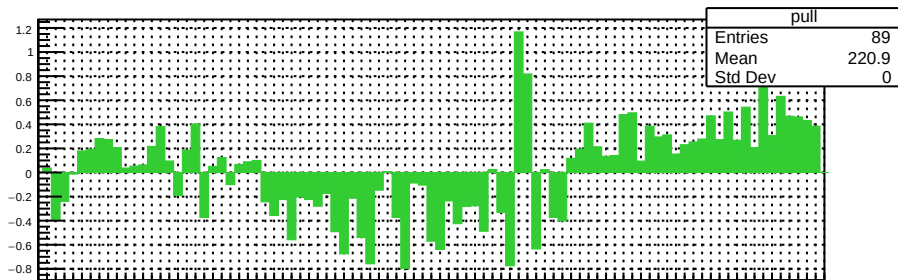
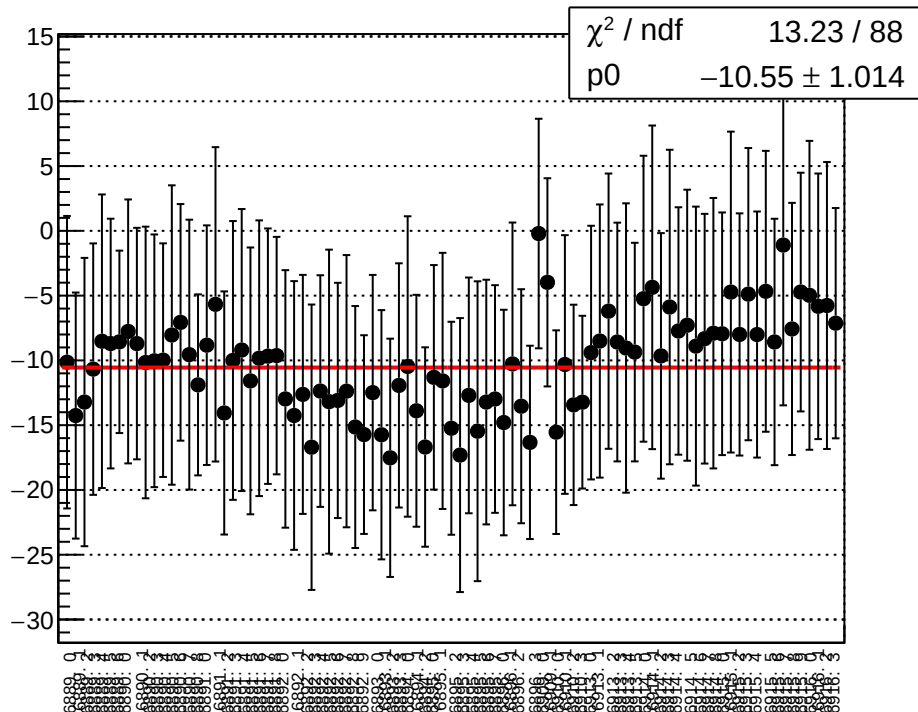
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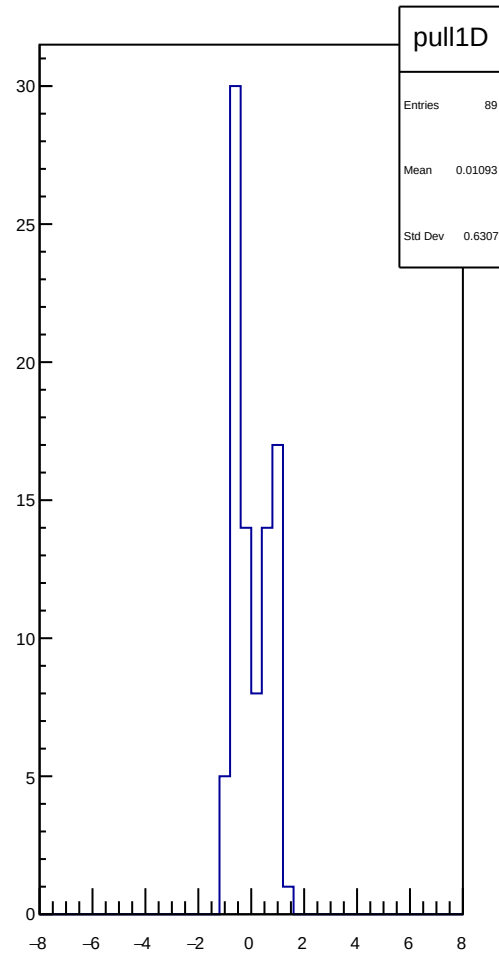
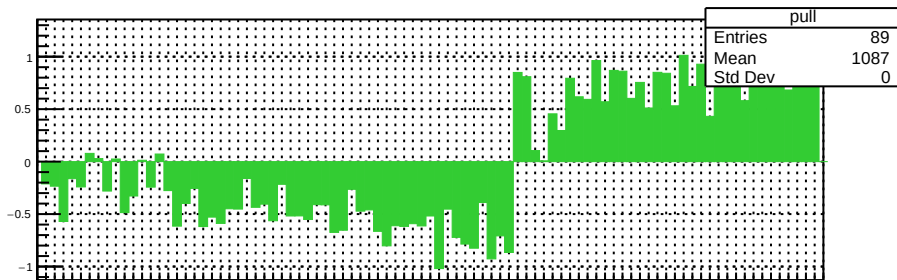
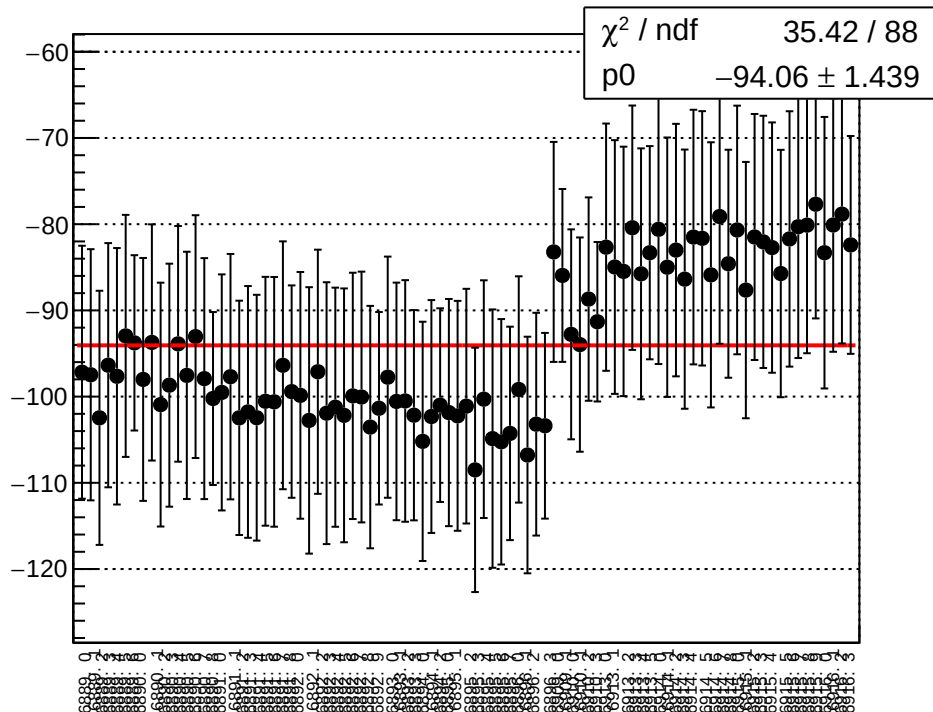
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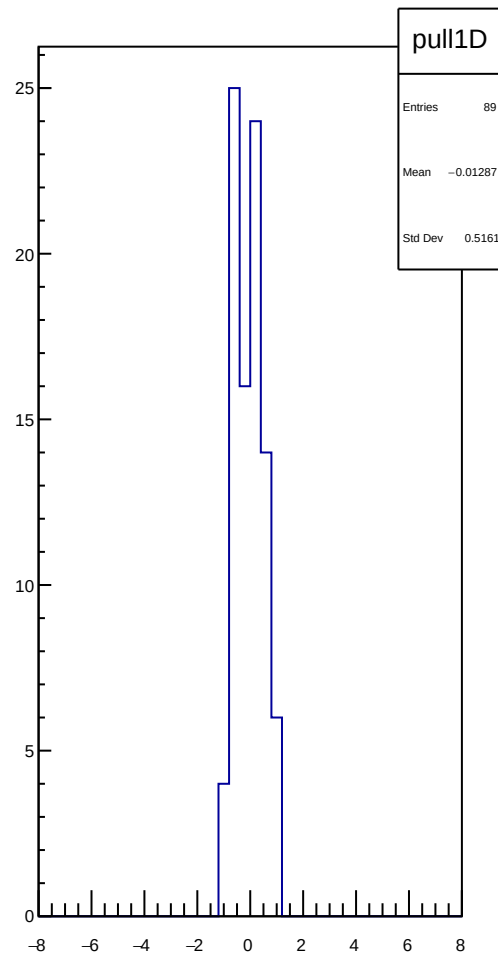
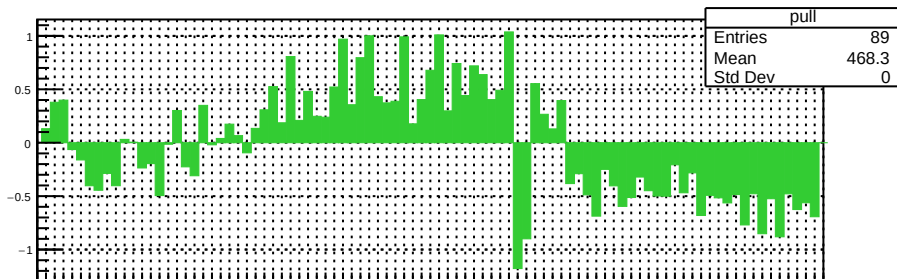
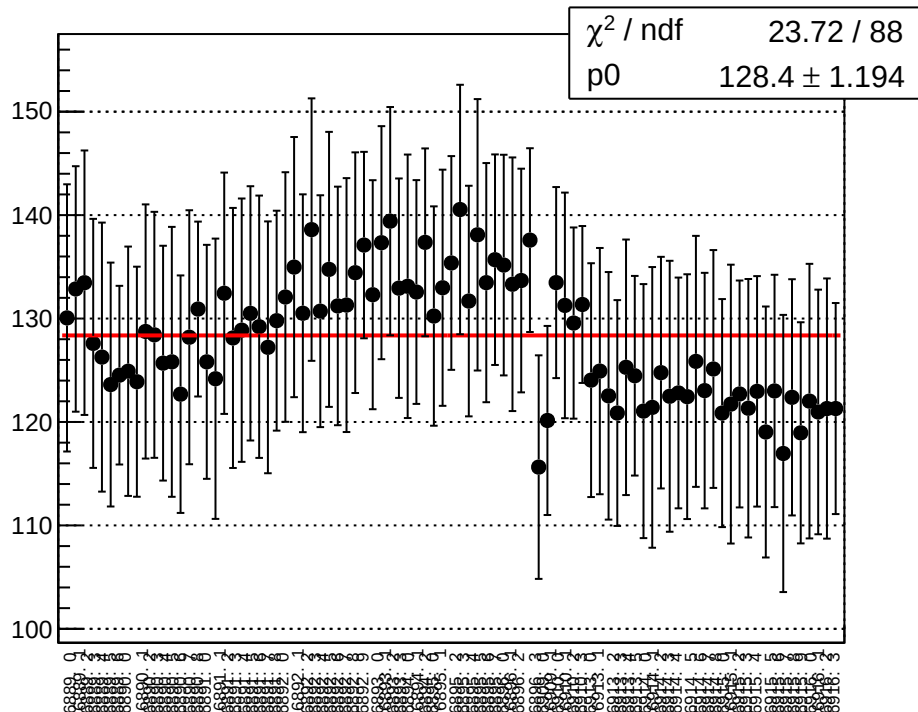
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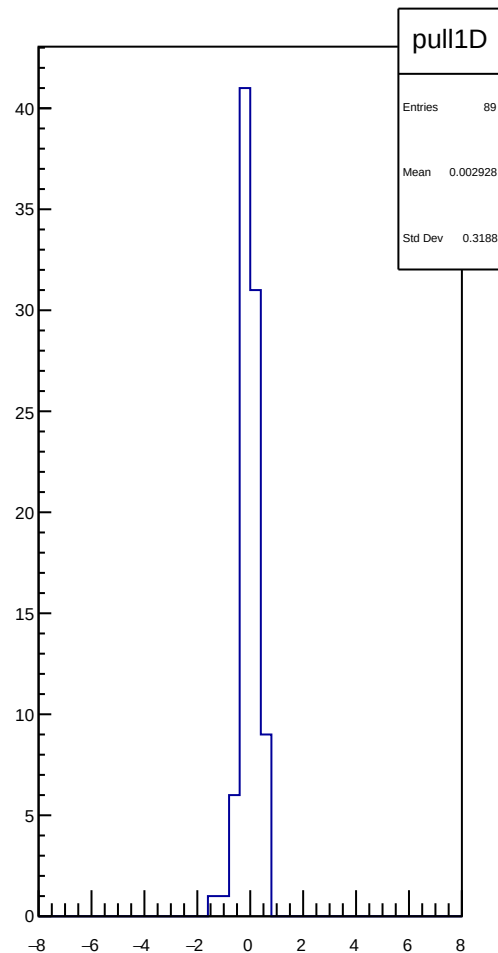
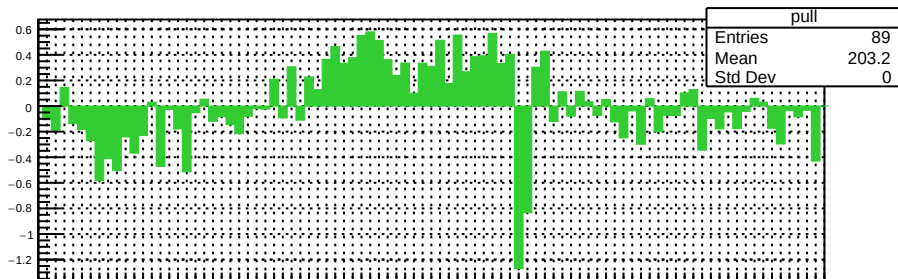
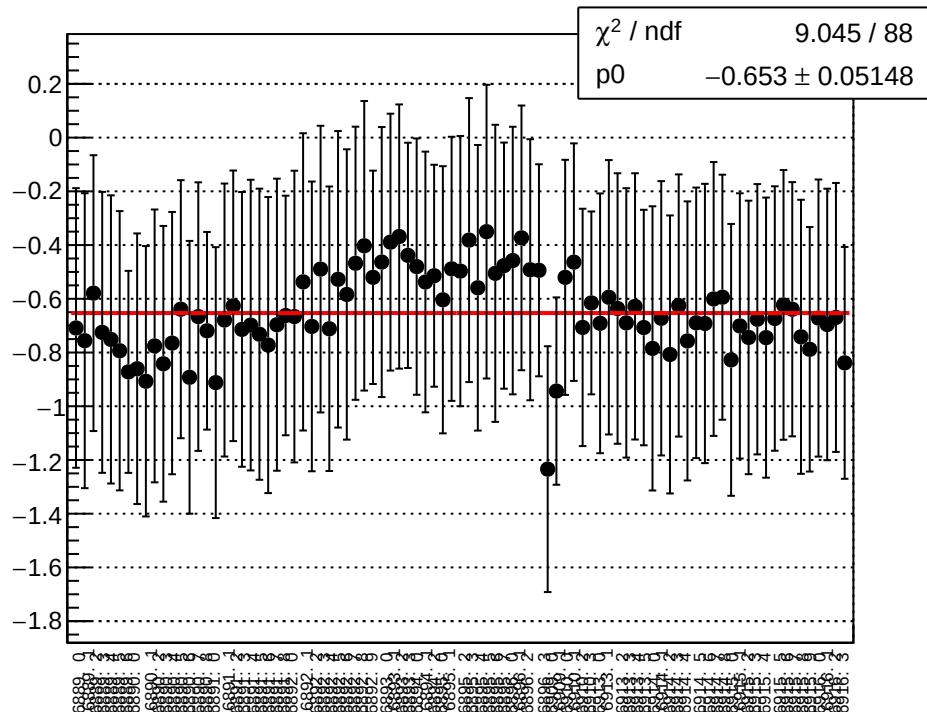
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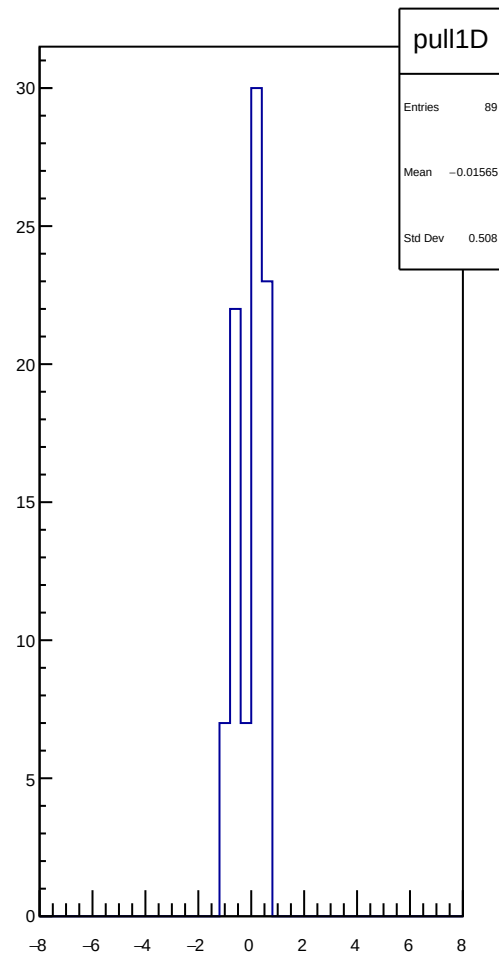
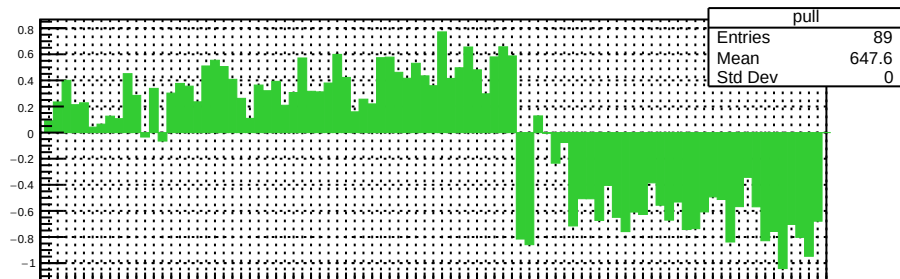
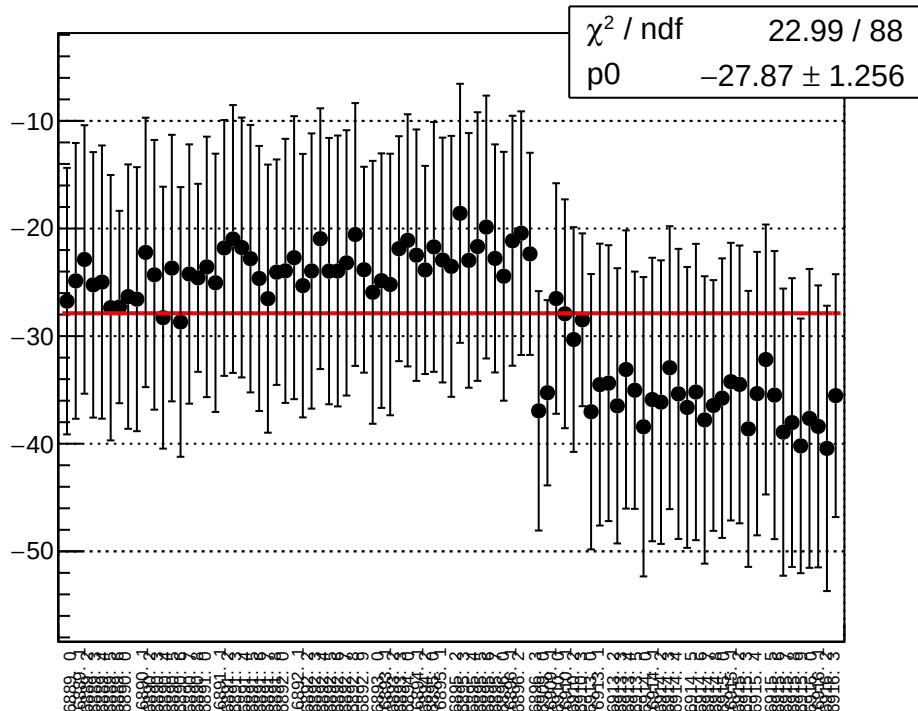
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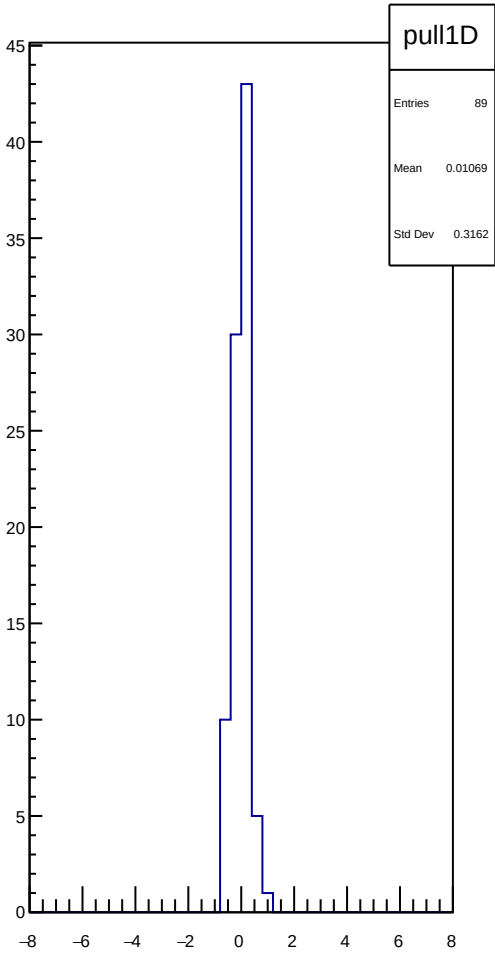
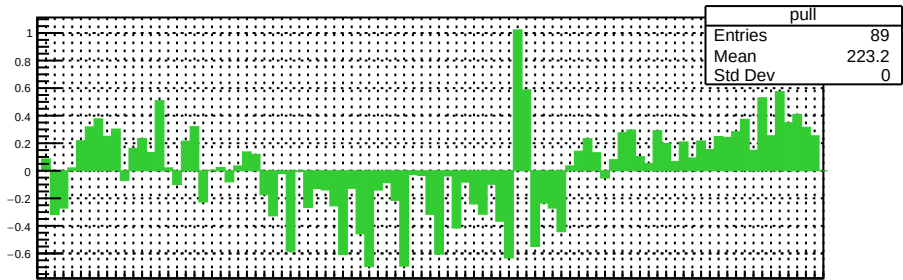
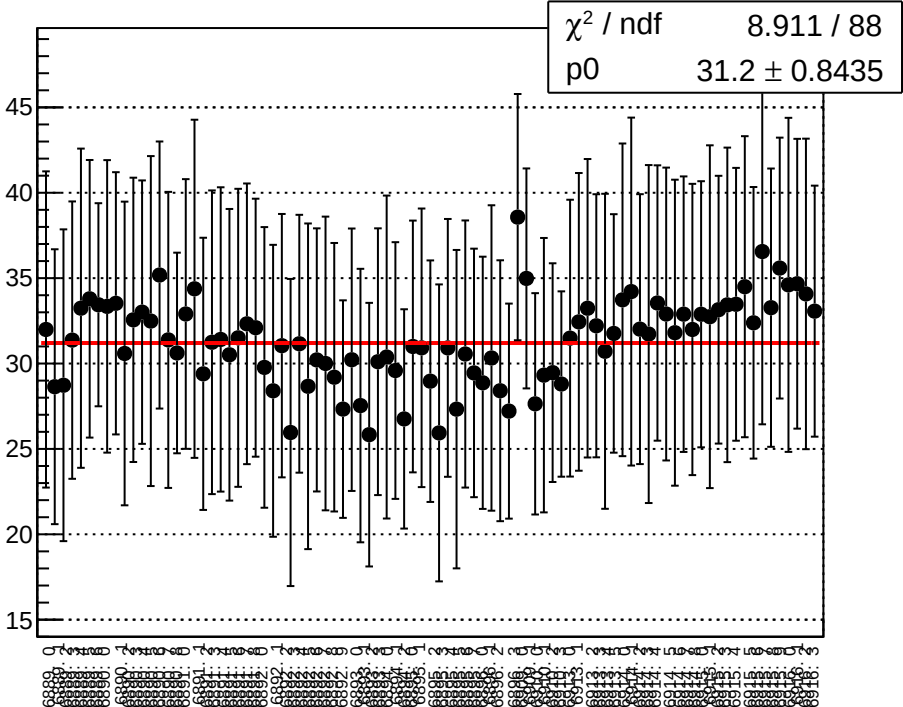
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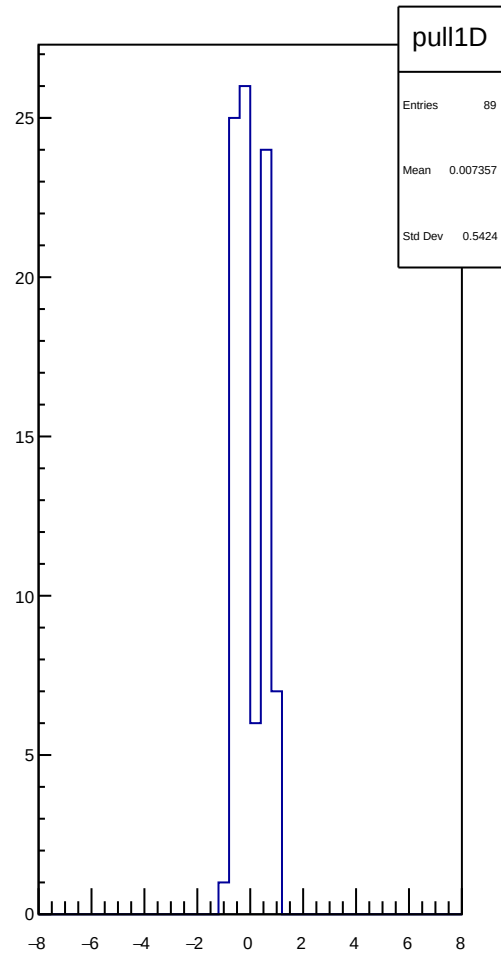
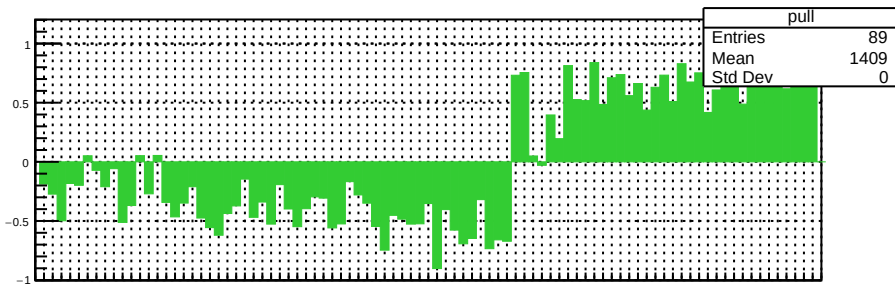
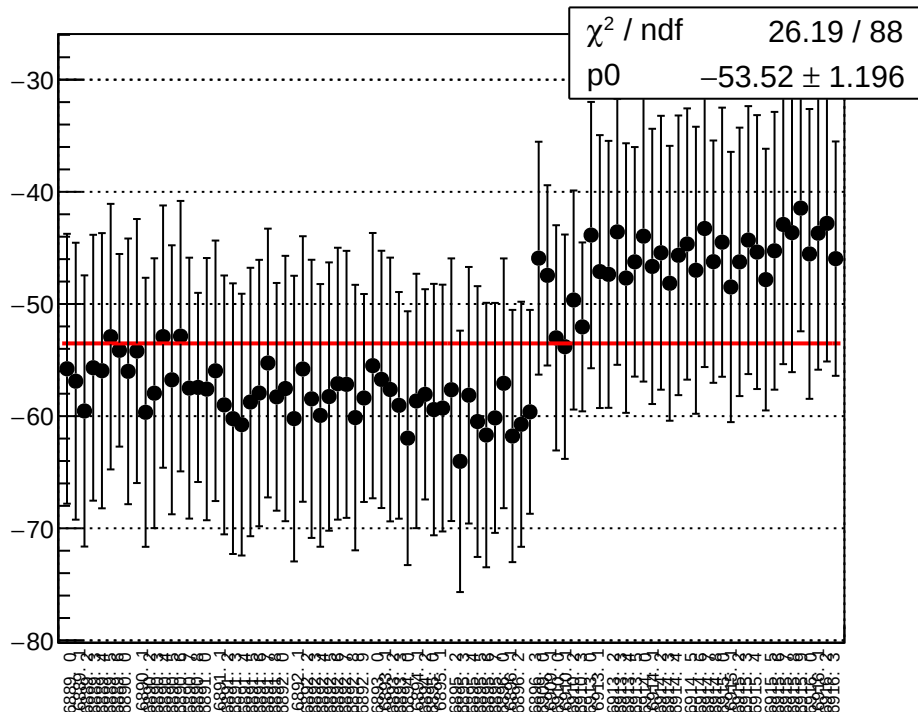
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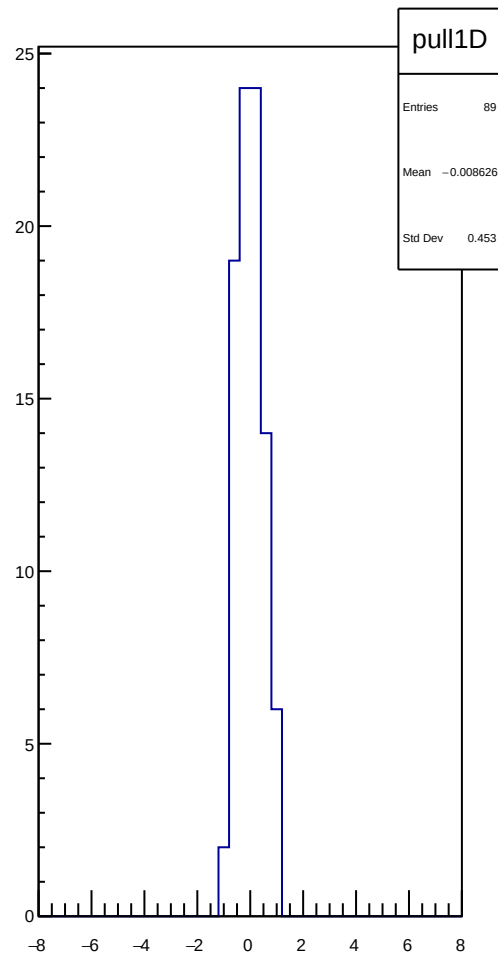
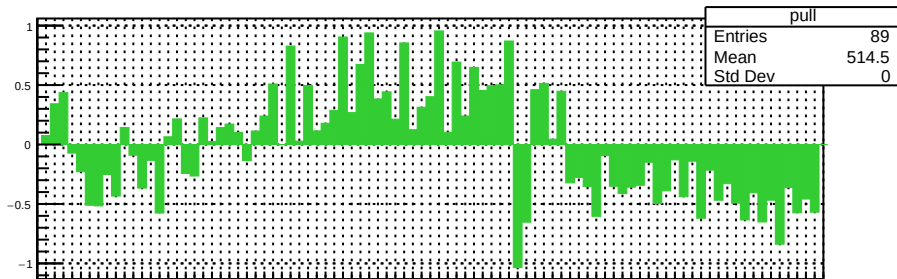
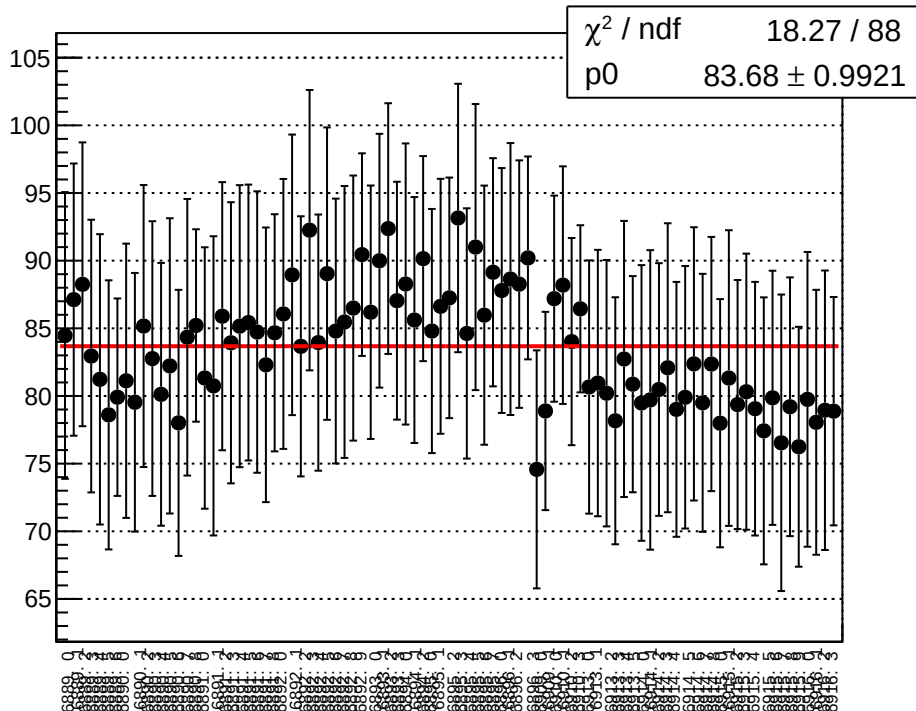
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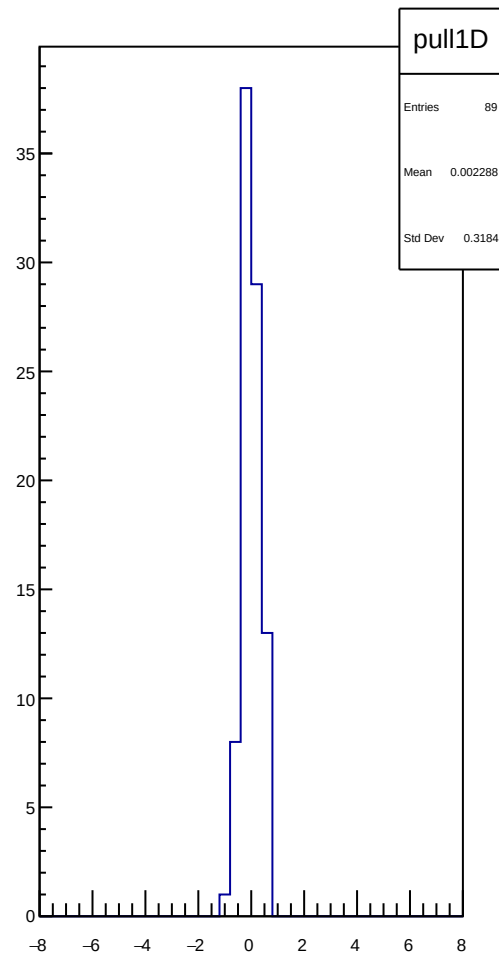
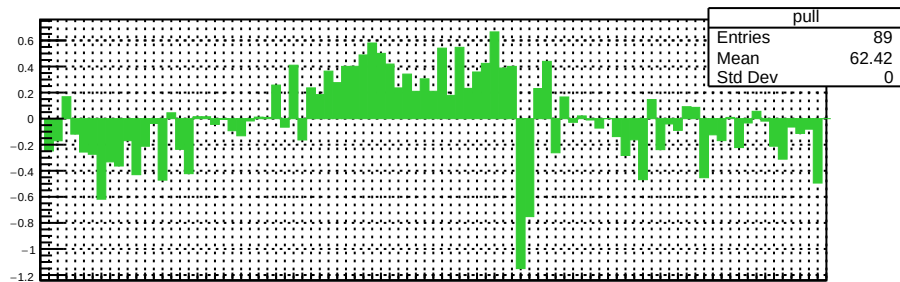
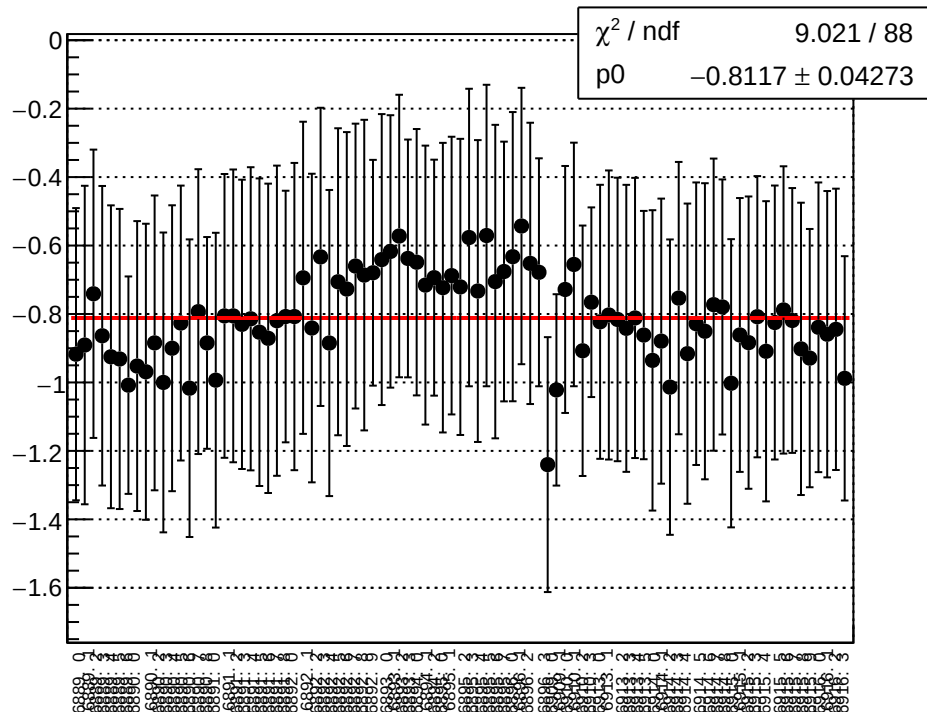
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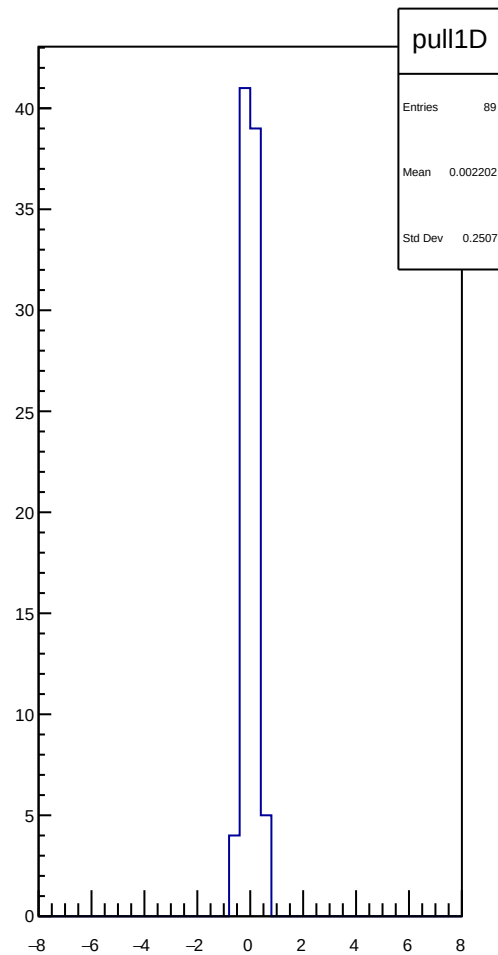
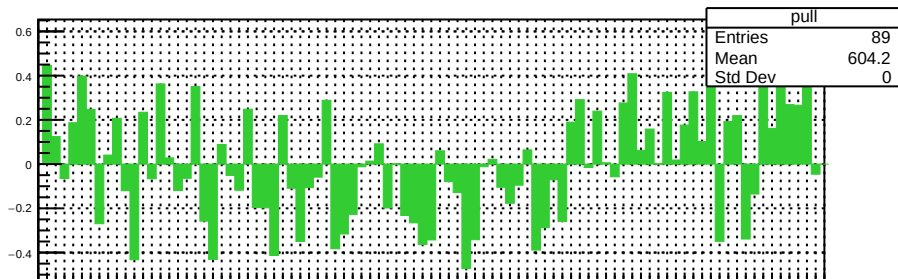
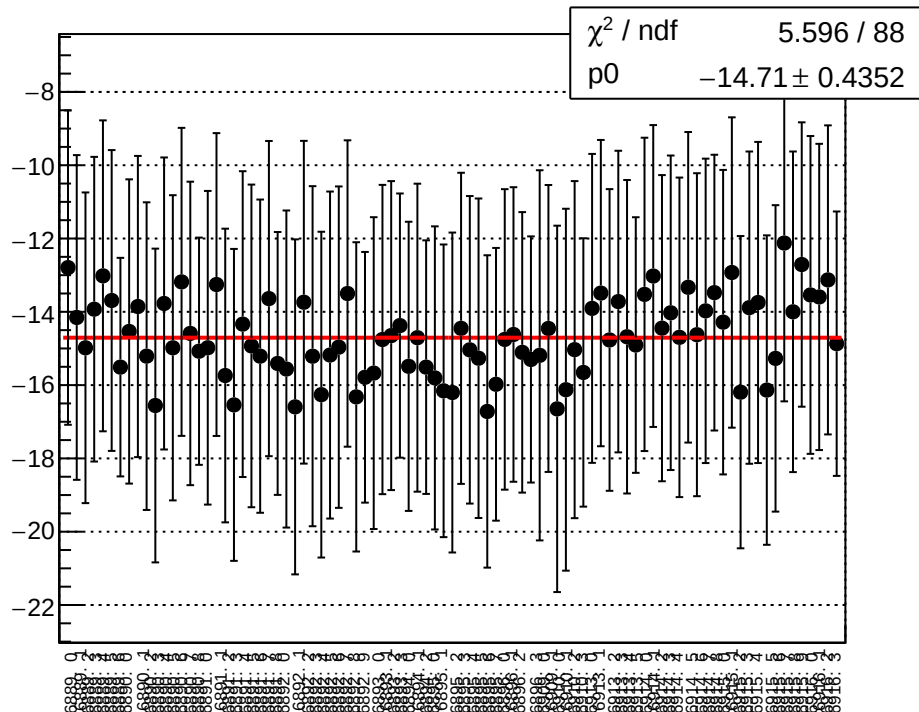
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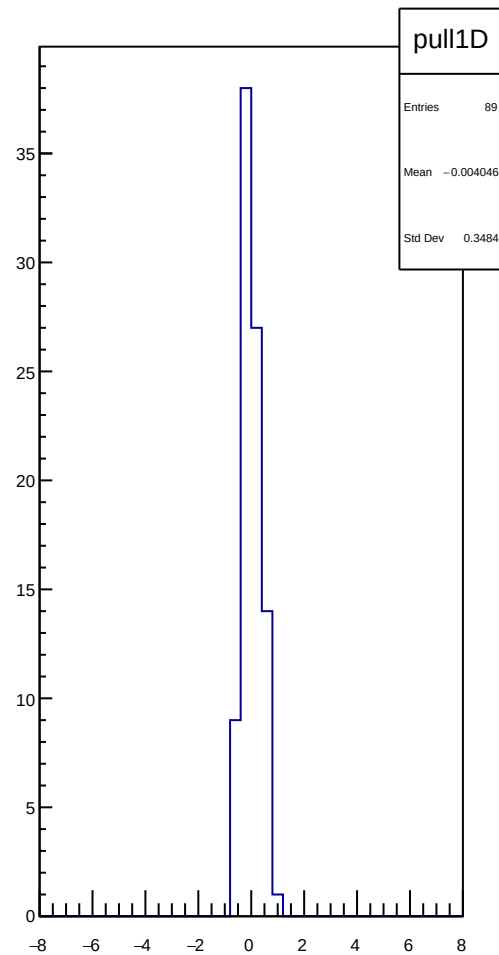
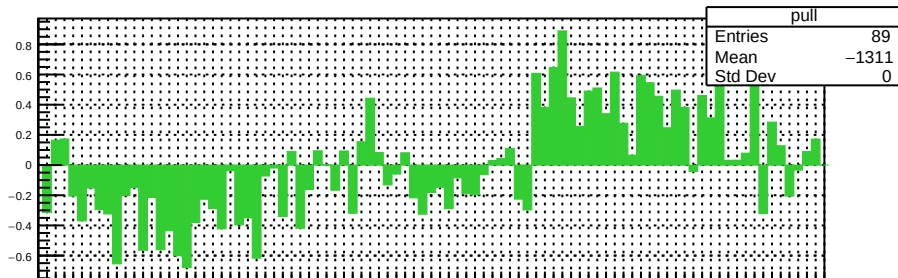
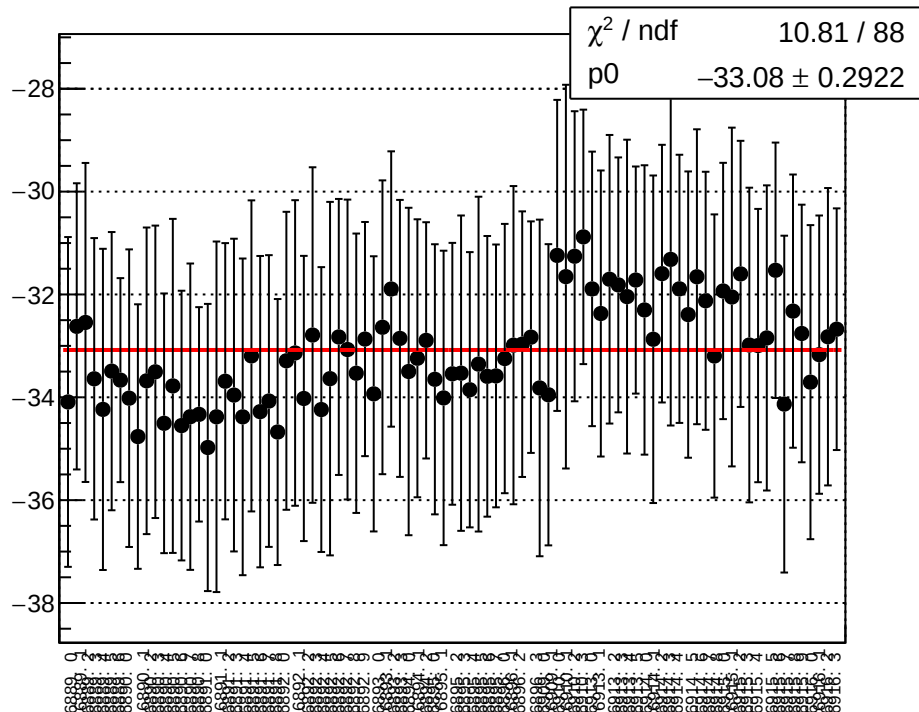
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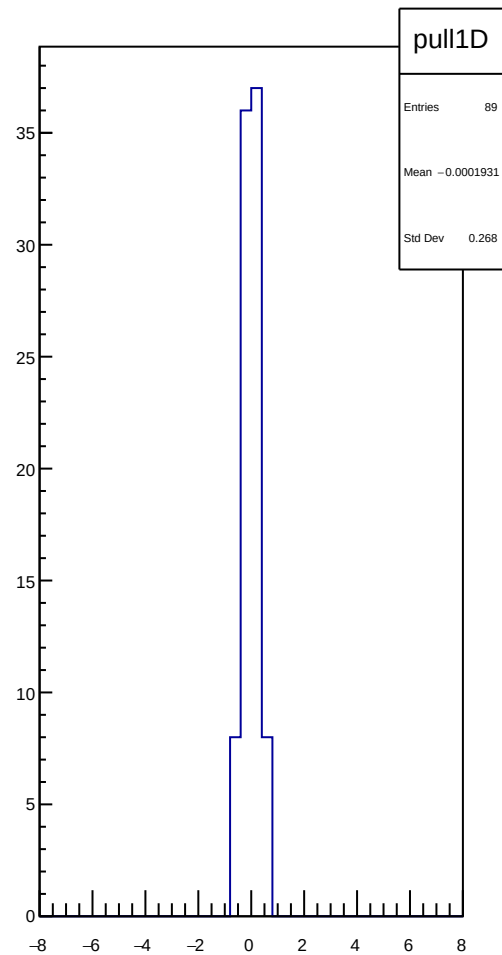
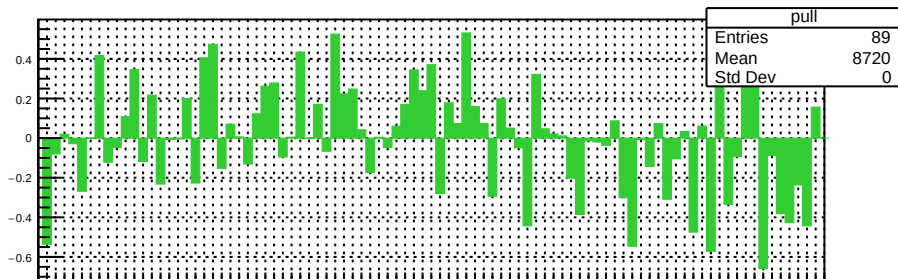
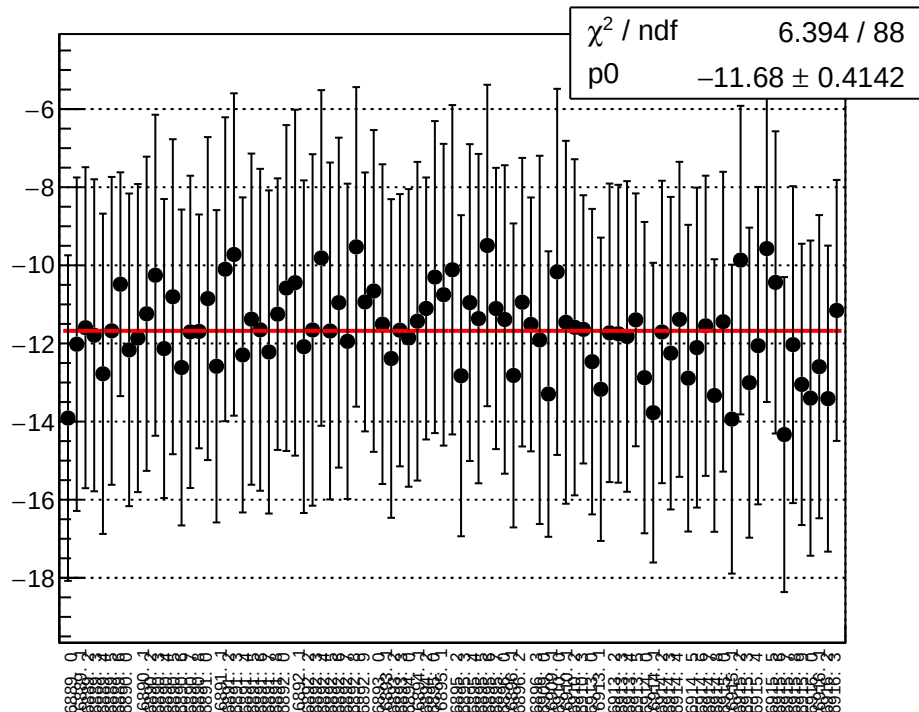
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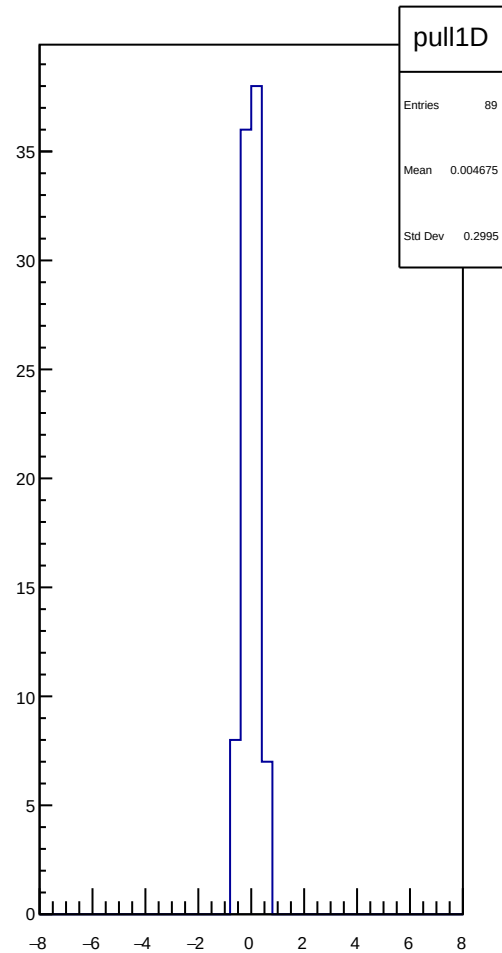
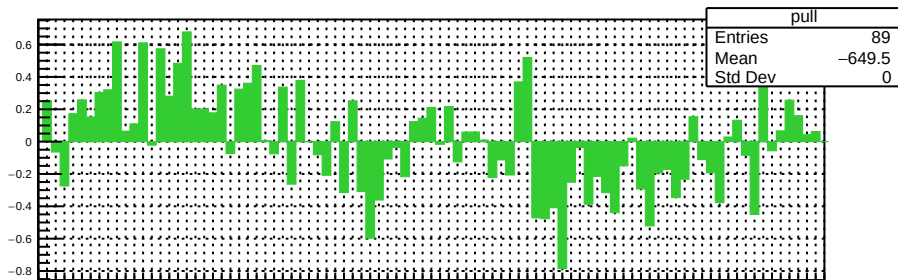
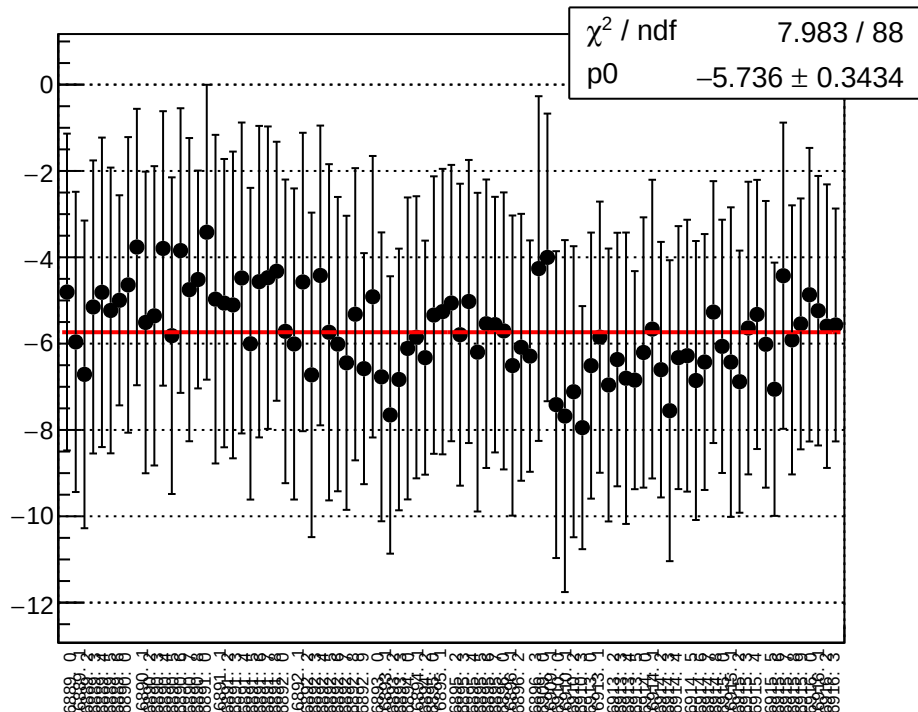
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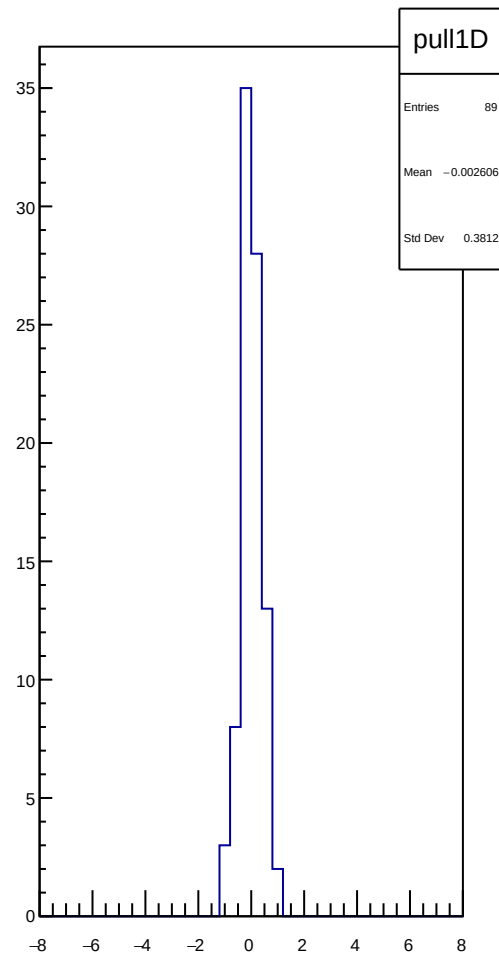
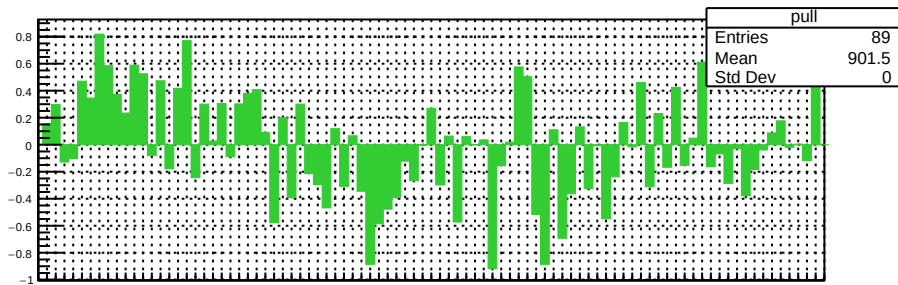
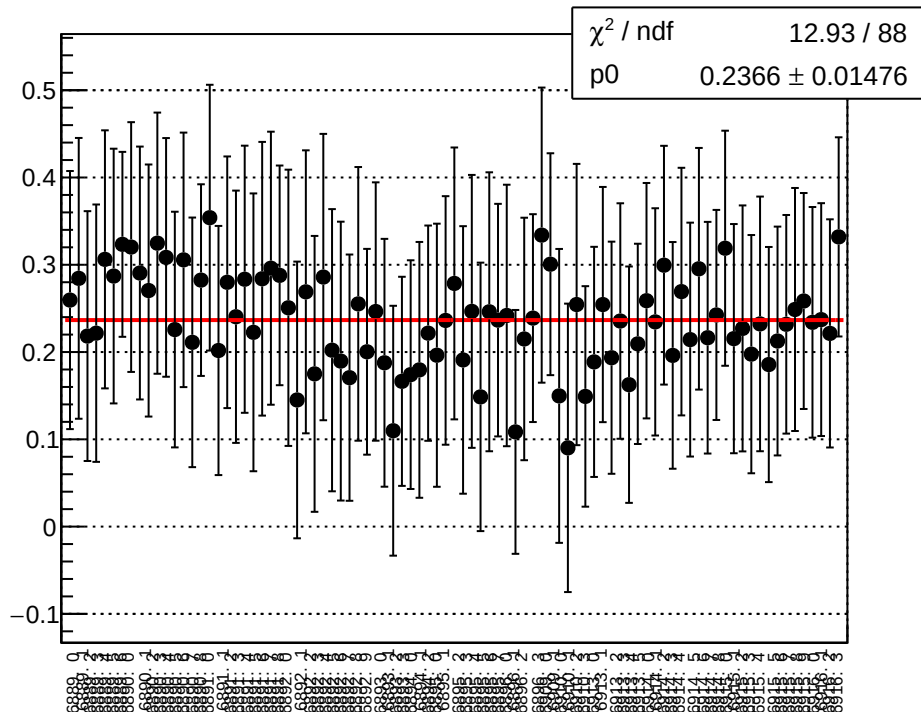
reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs run



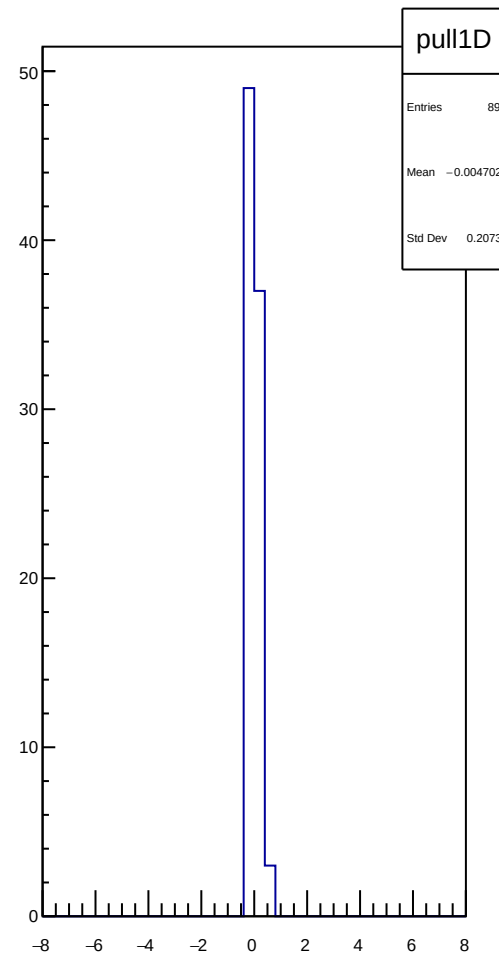
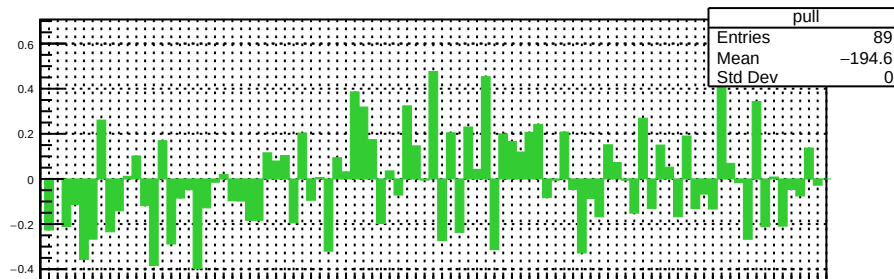
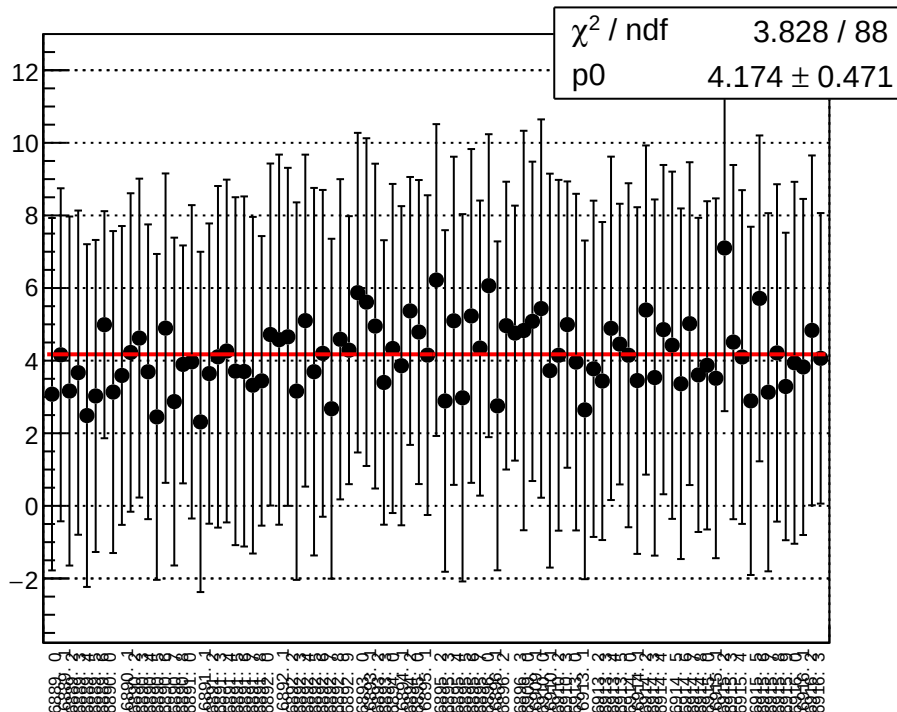
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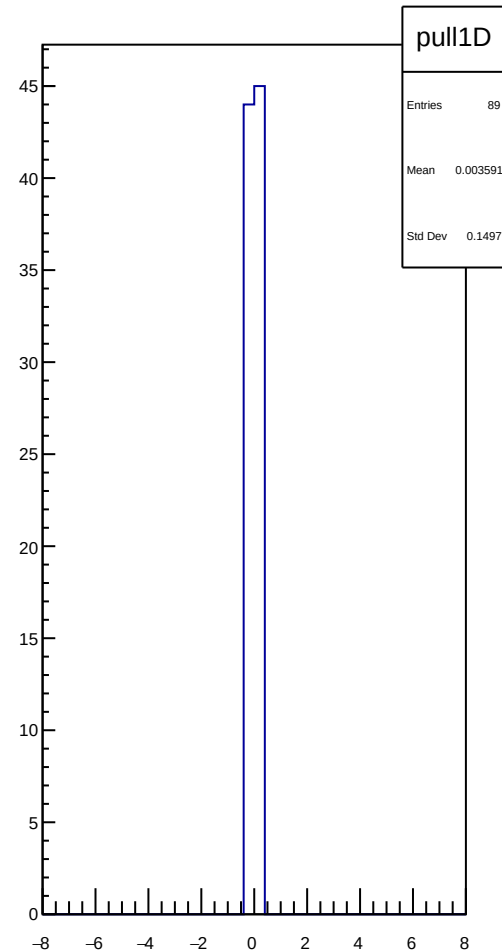
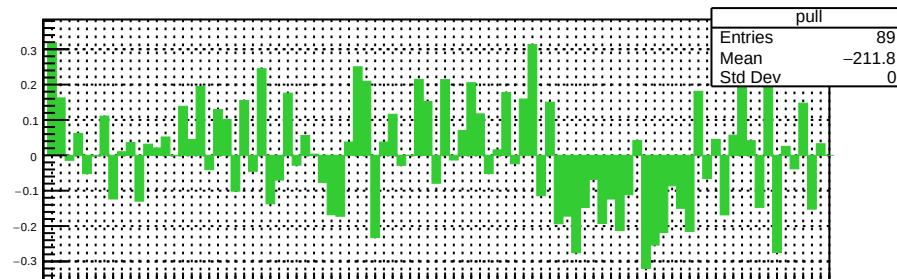
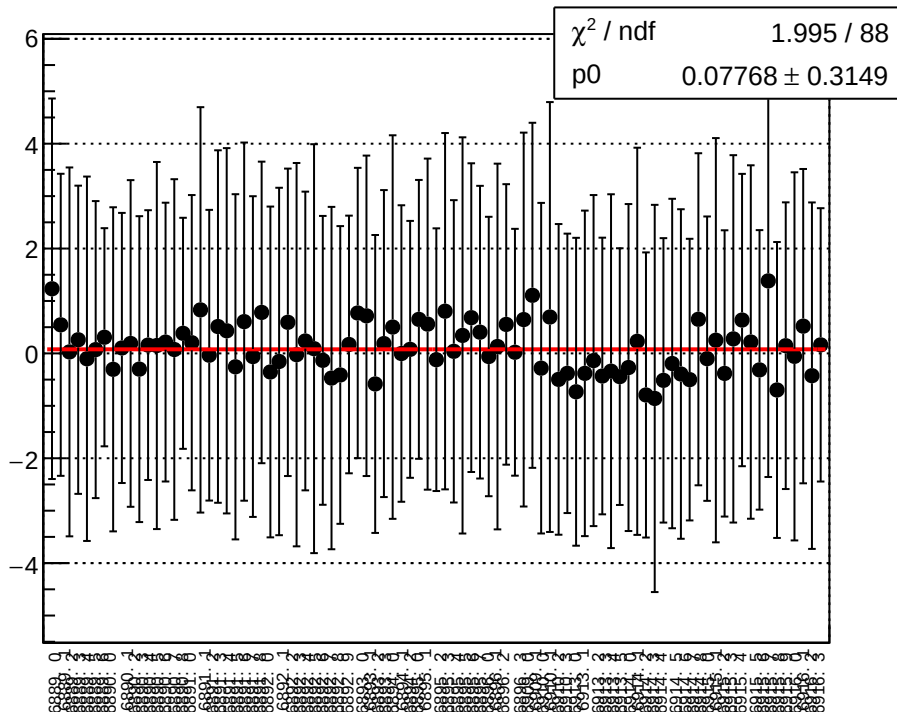
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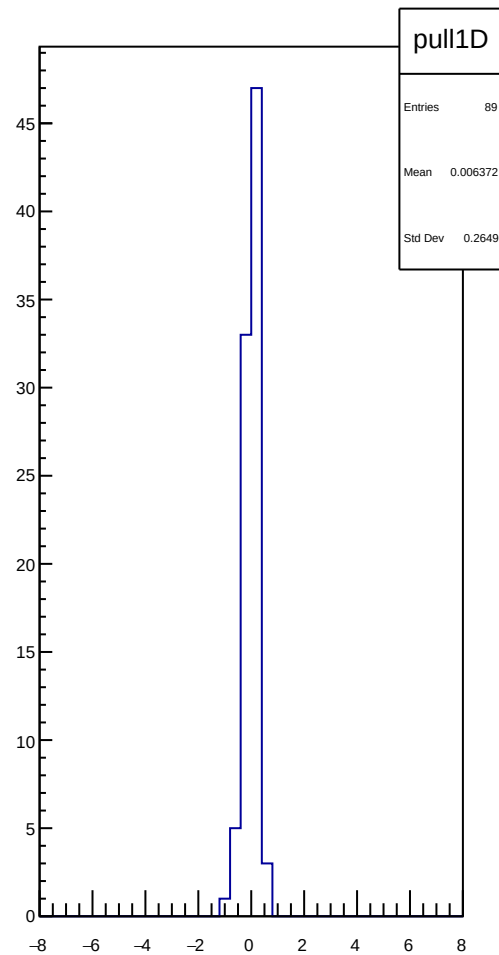
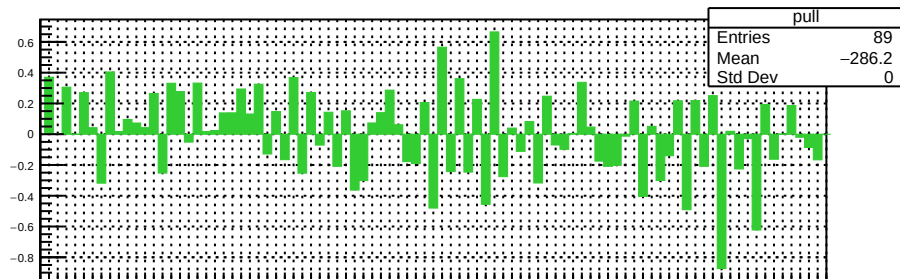
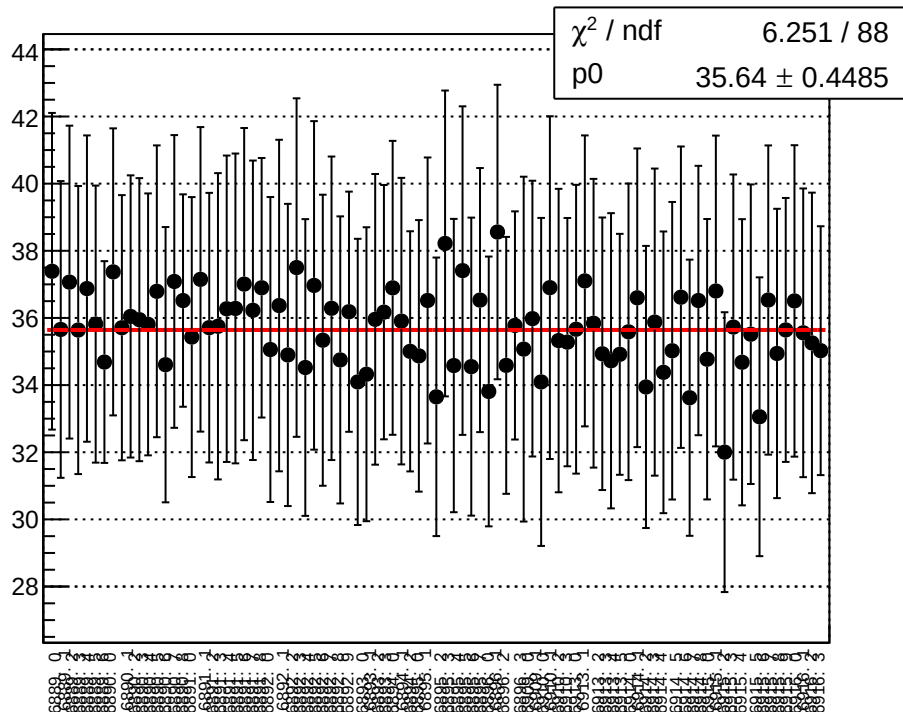
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs run



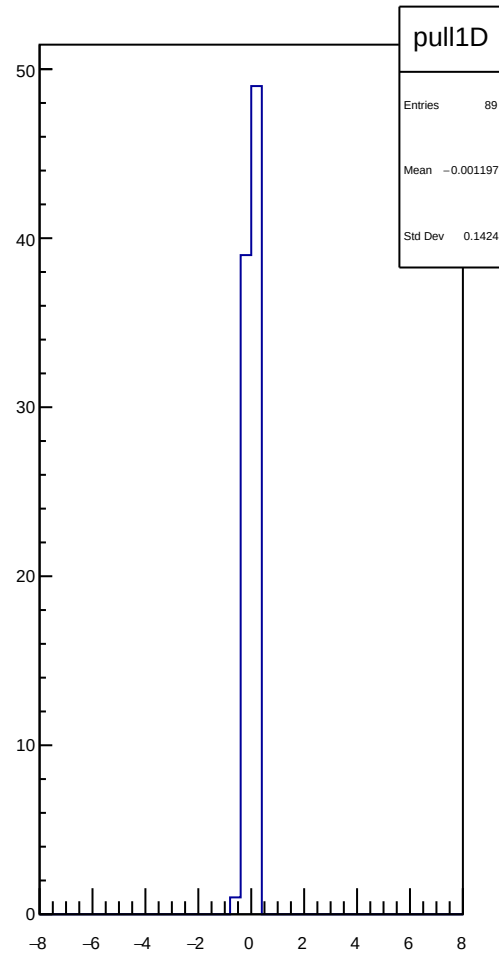
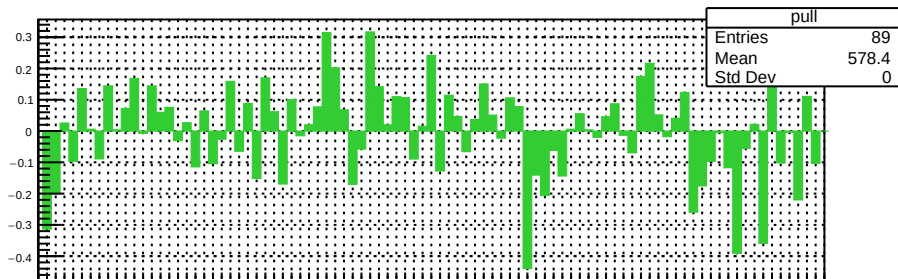
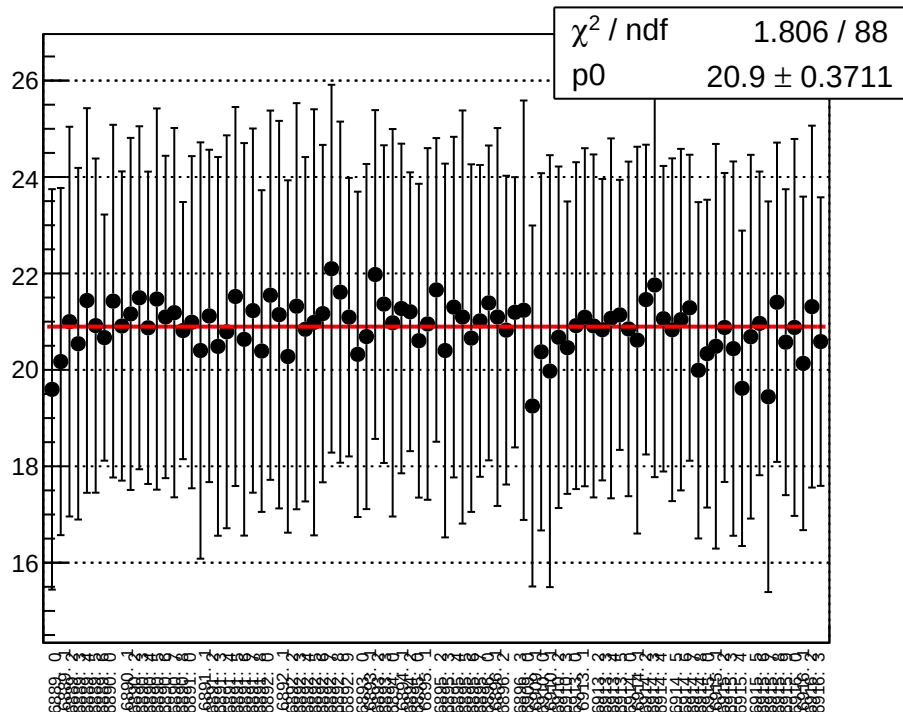
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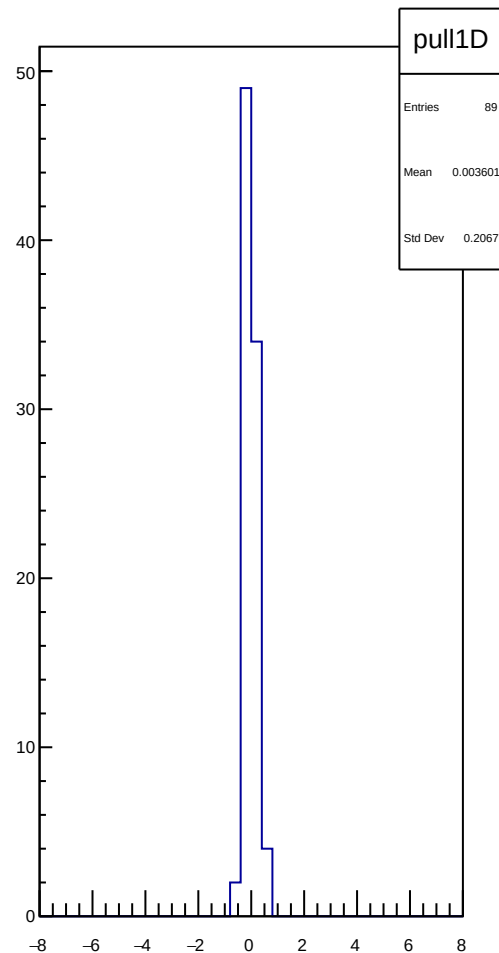
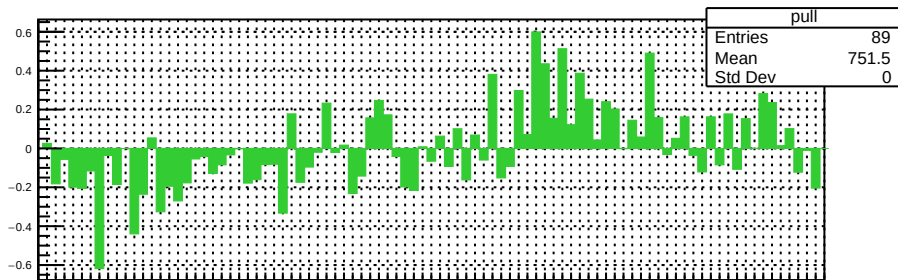
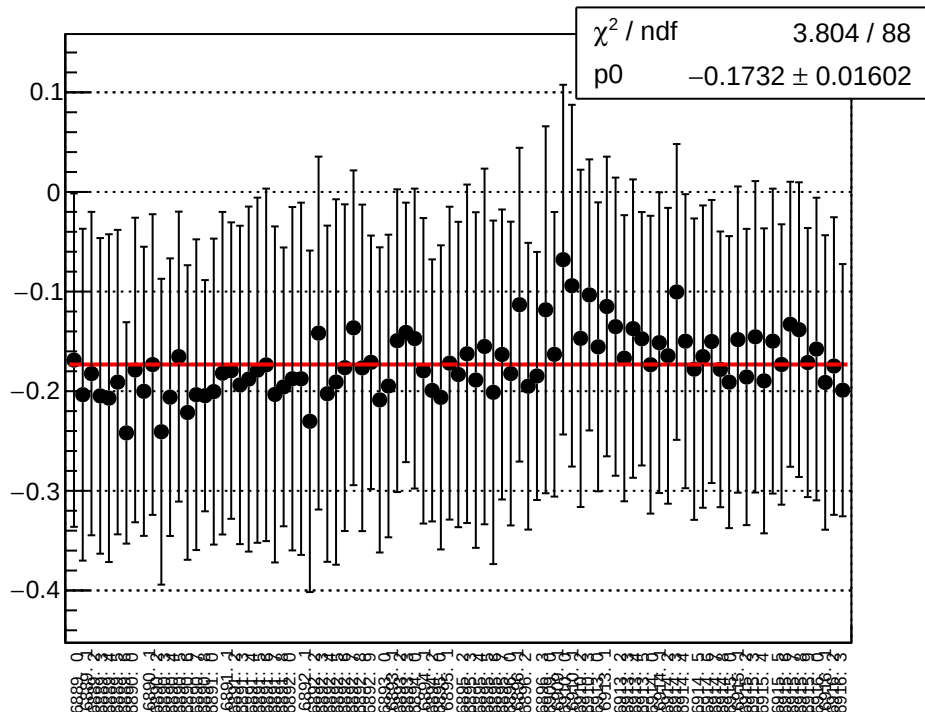
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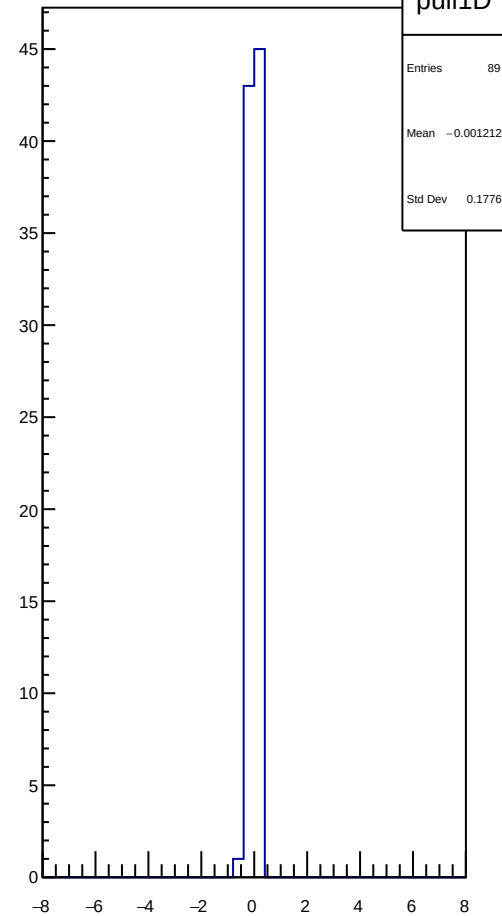
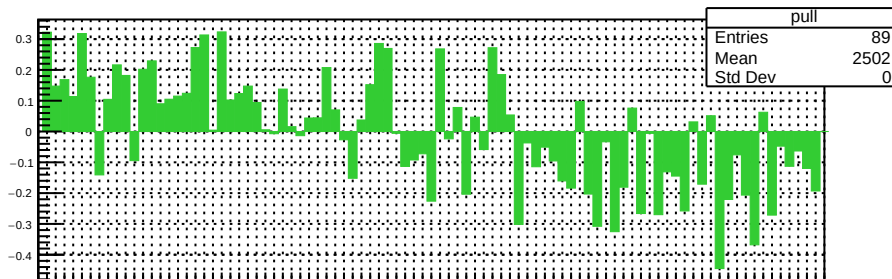
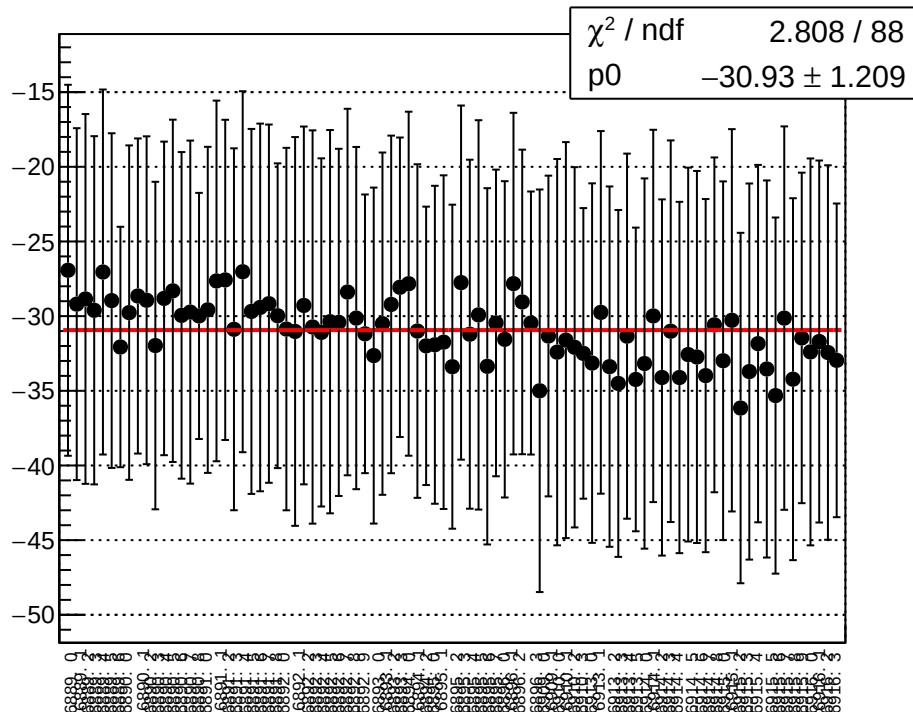
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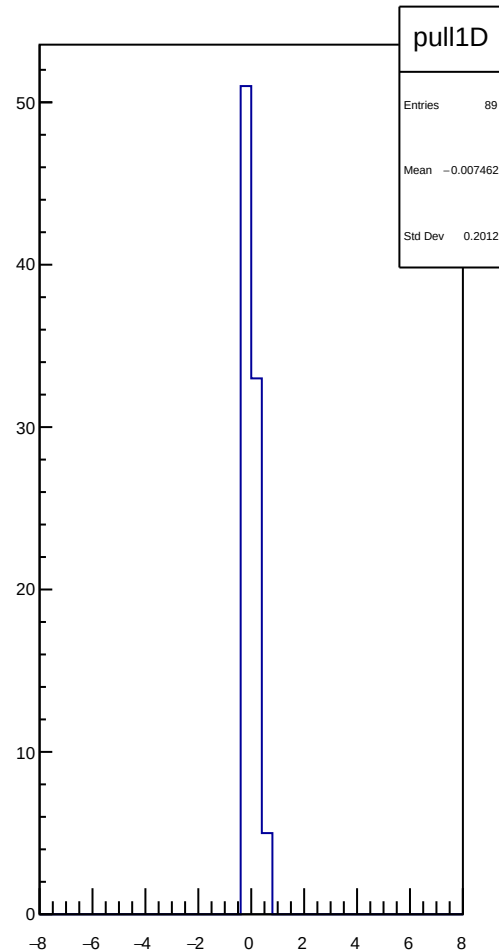
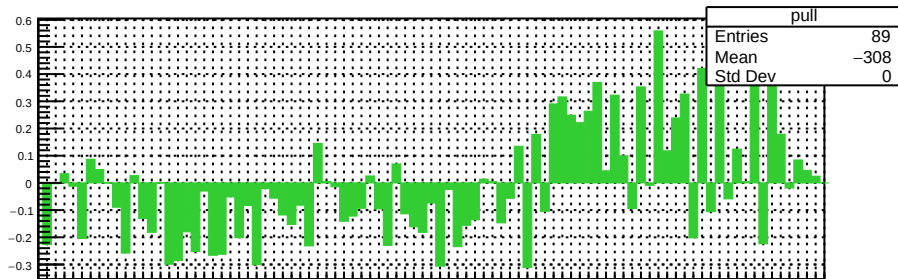
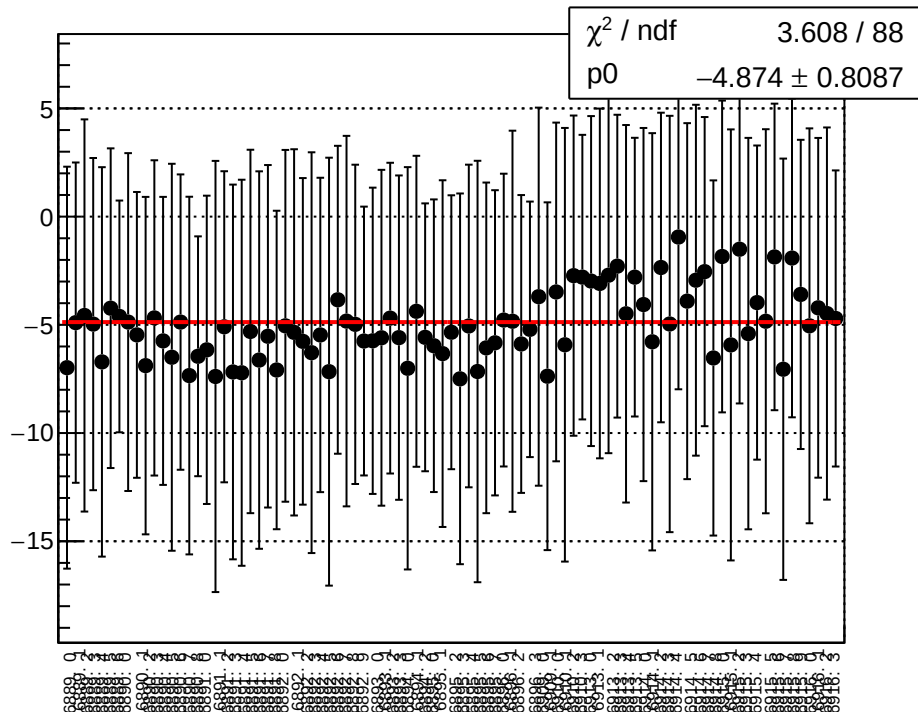
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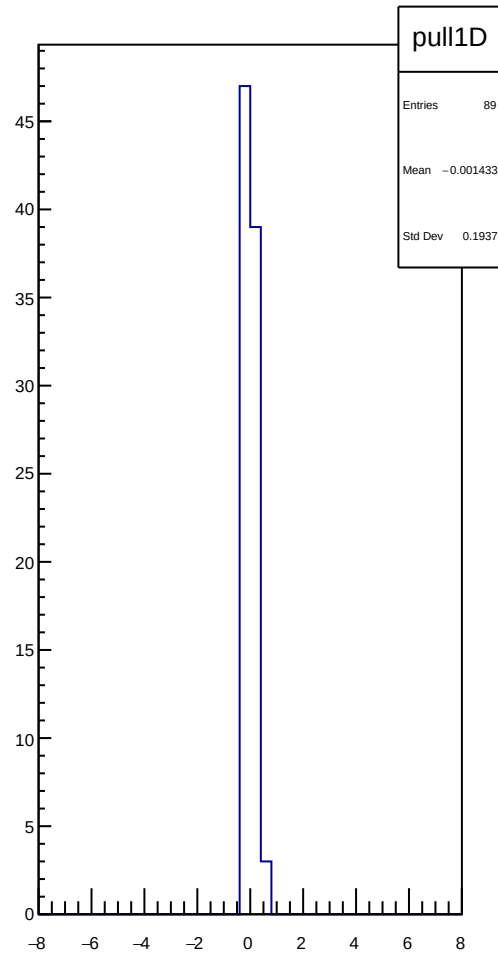
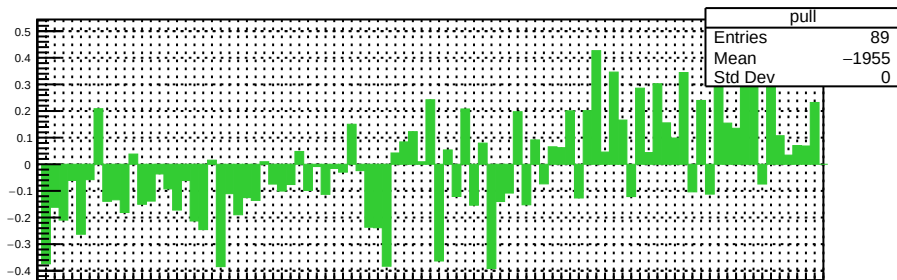
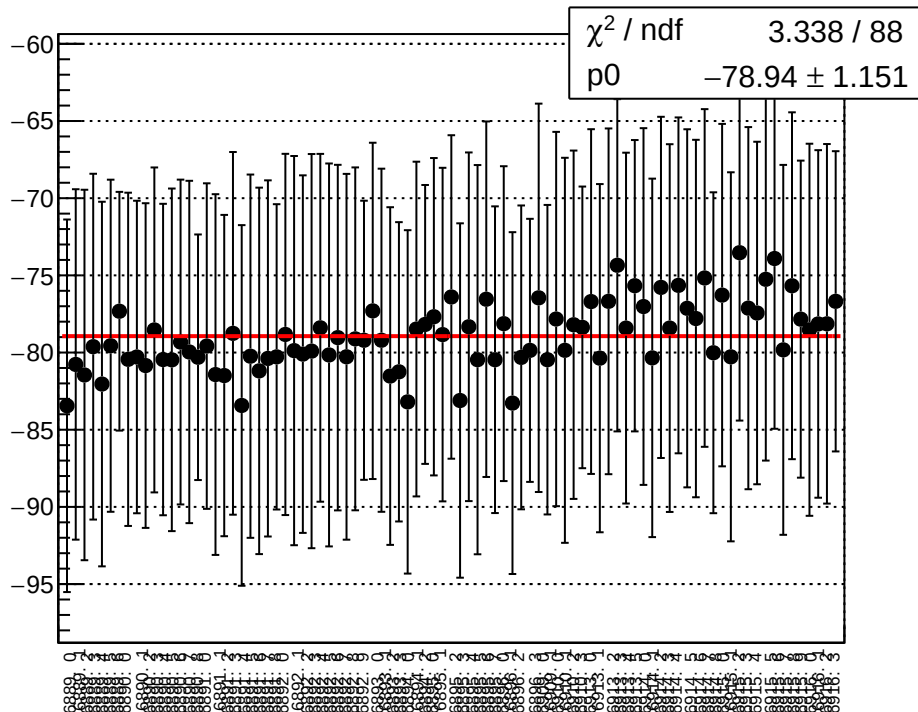
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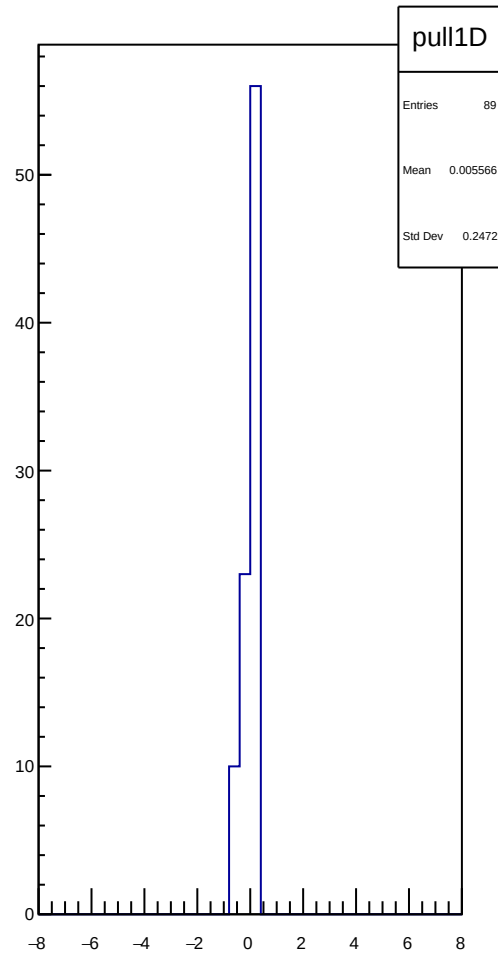
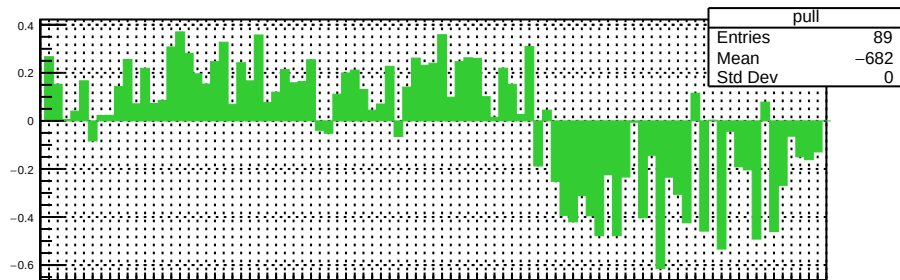
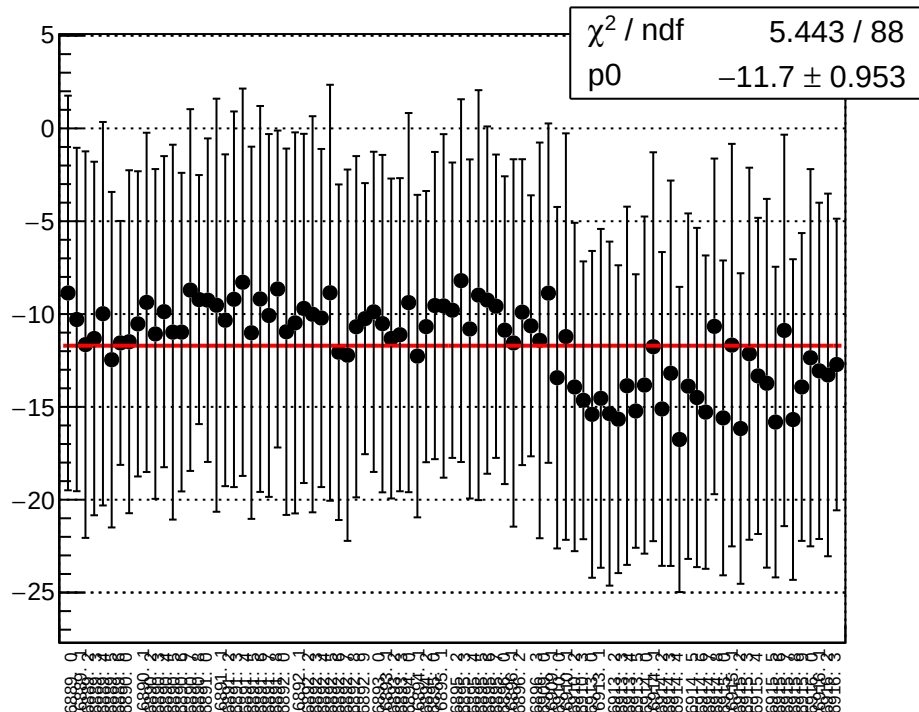
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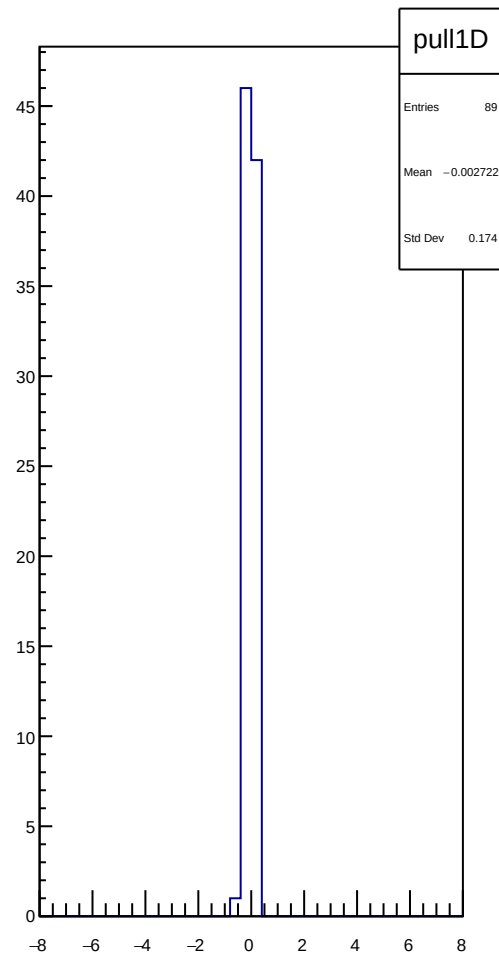
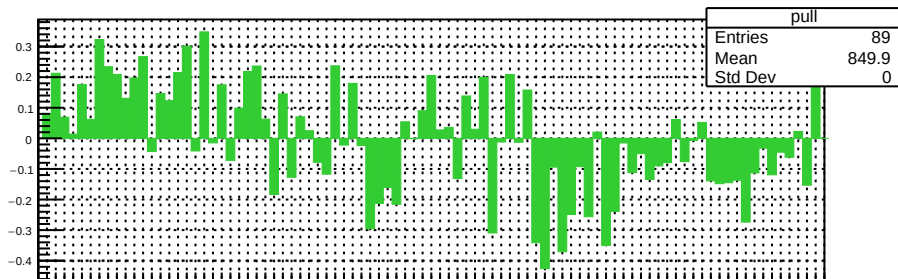
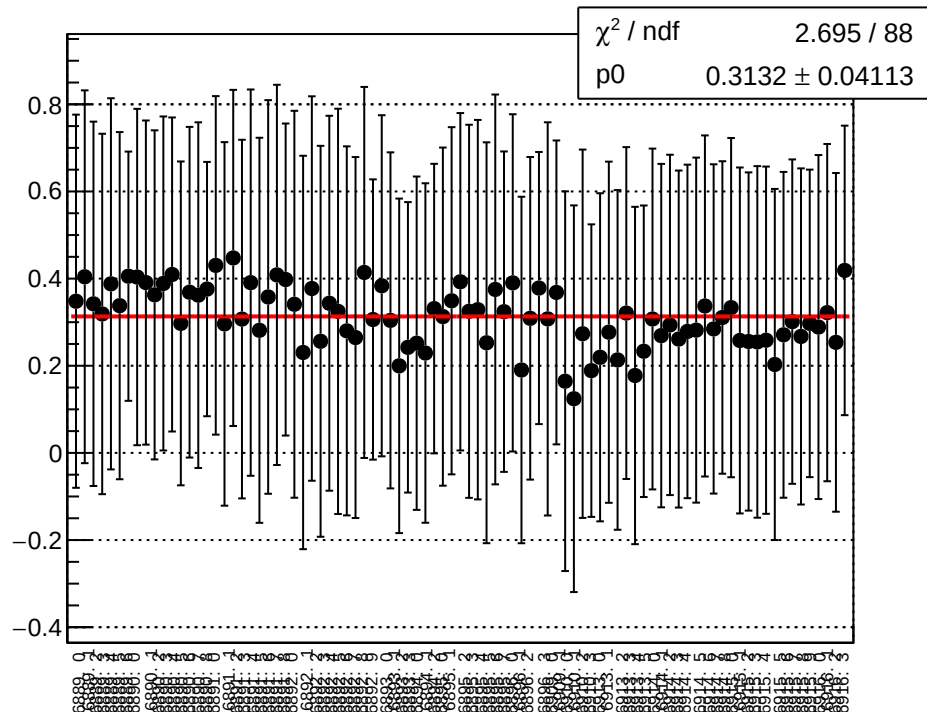
reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs run



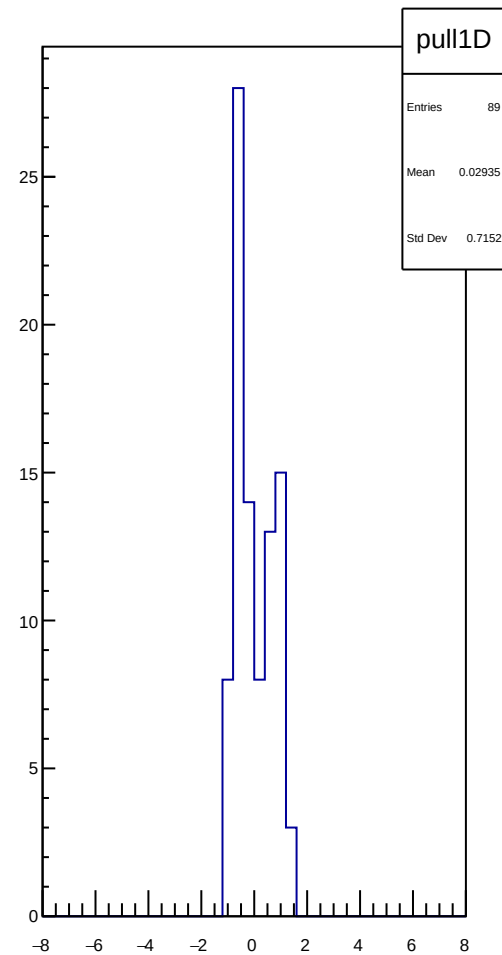
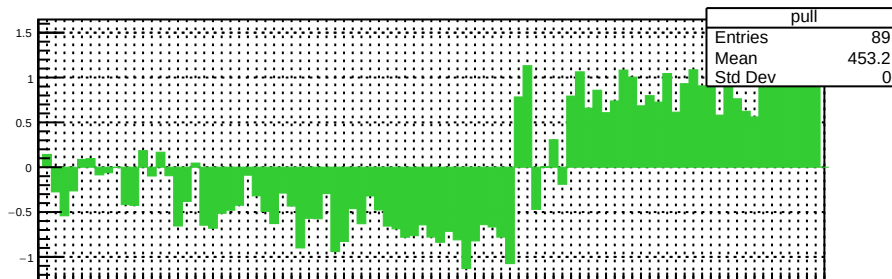
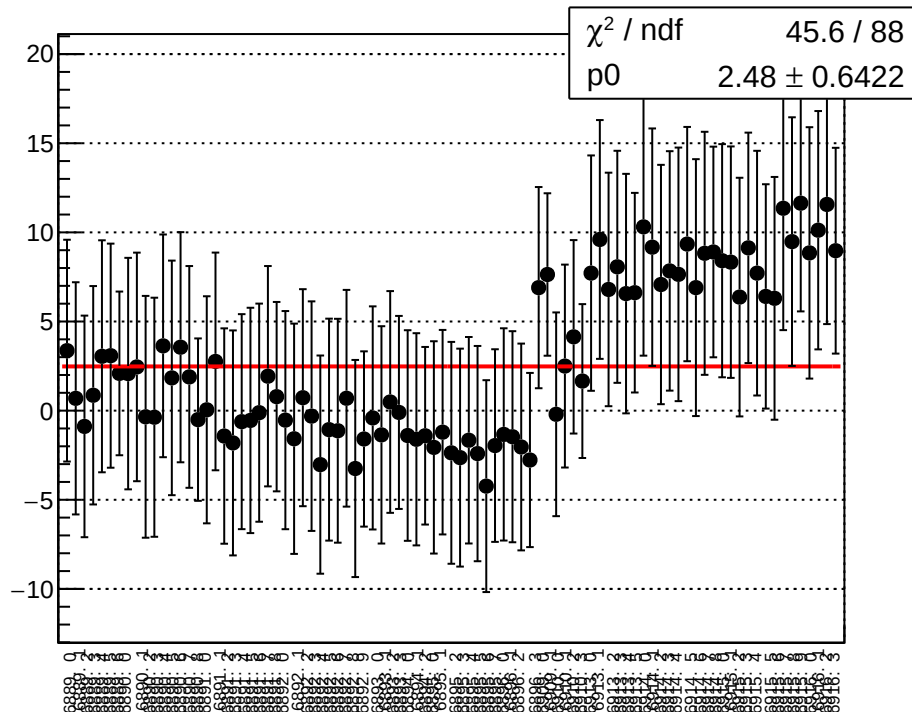
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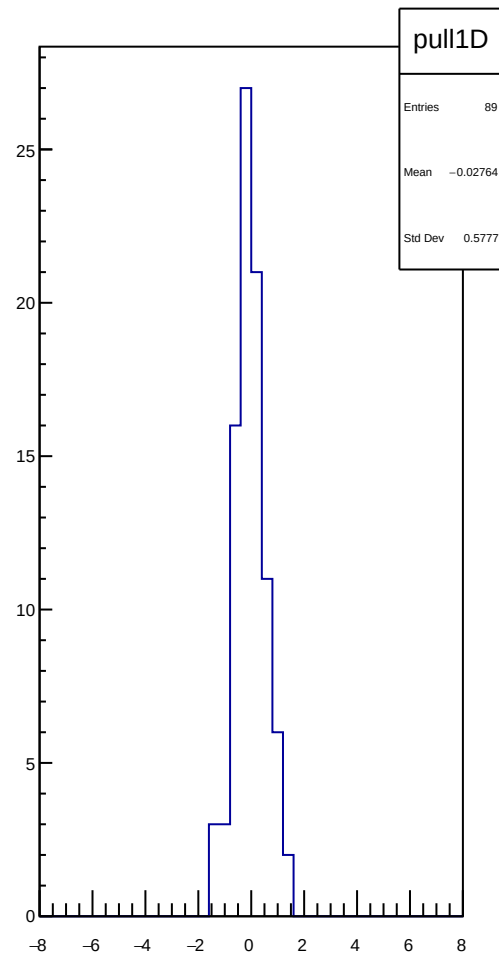
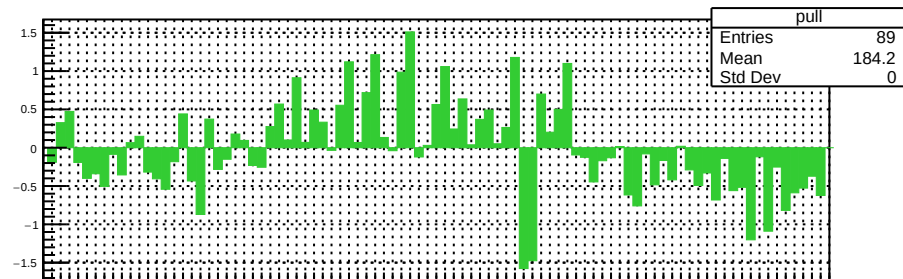
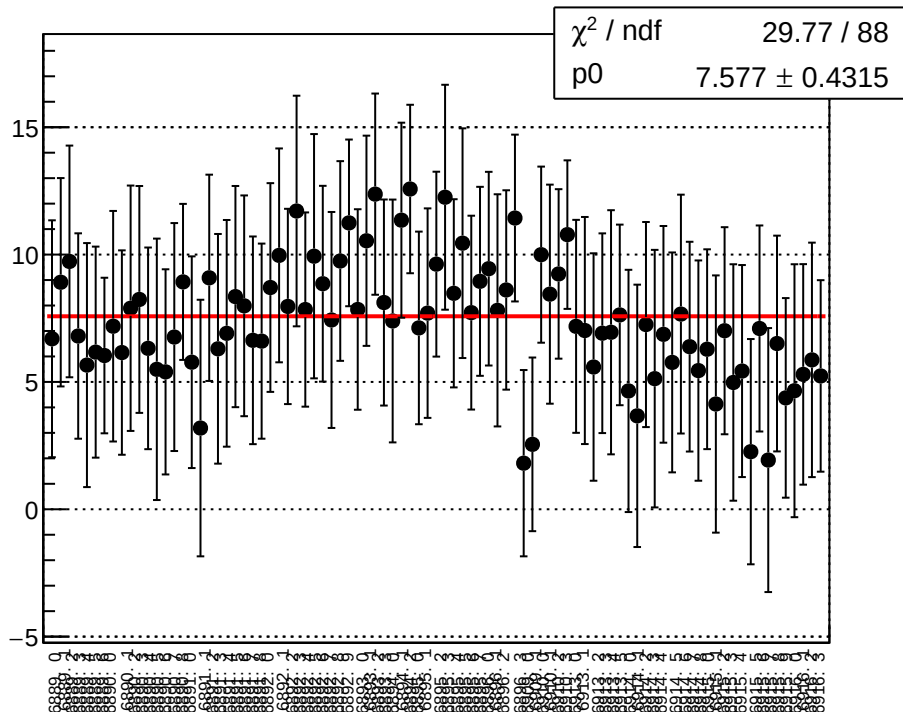
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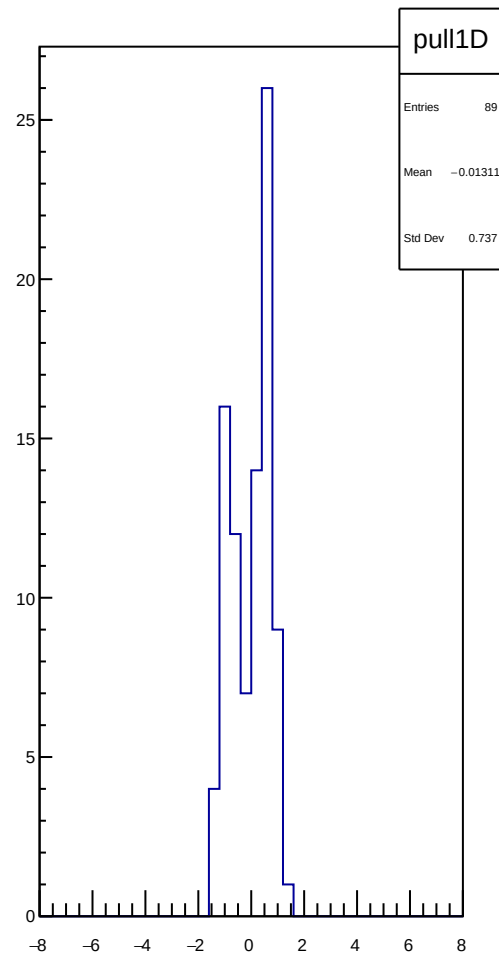
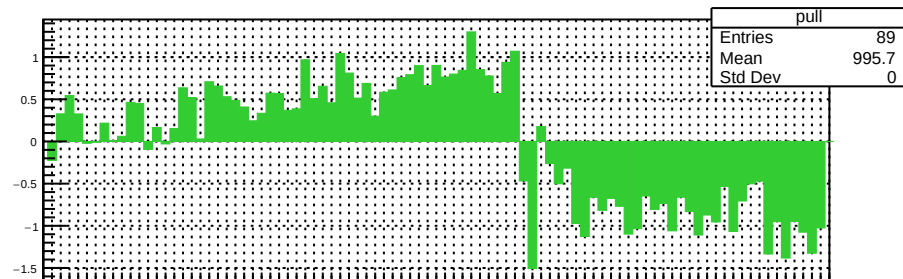
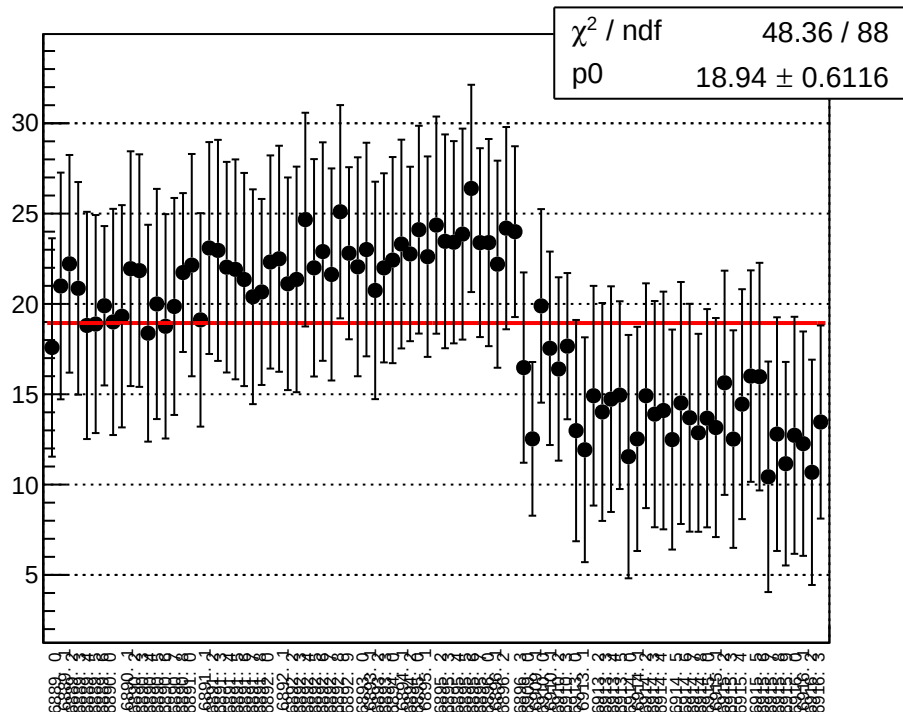
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs run



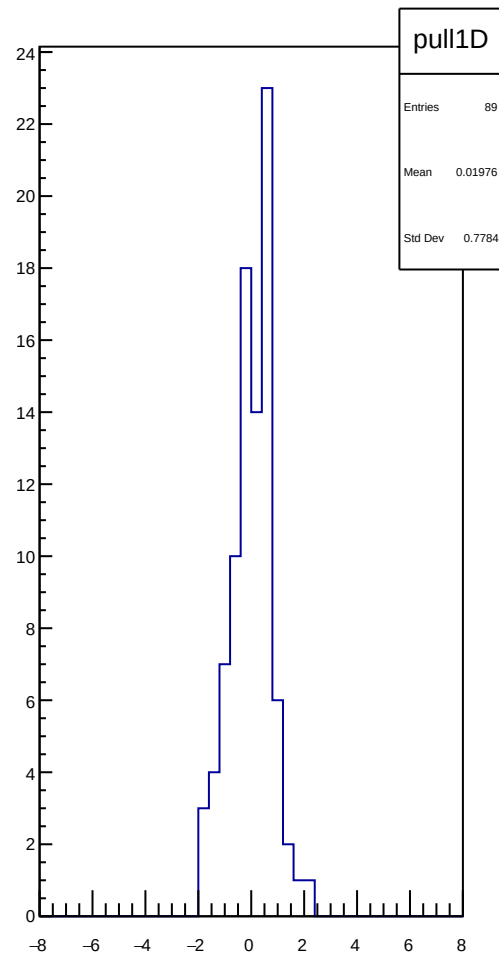
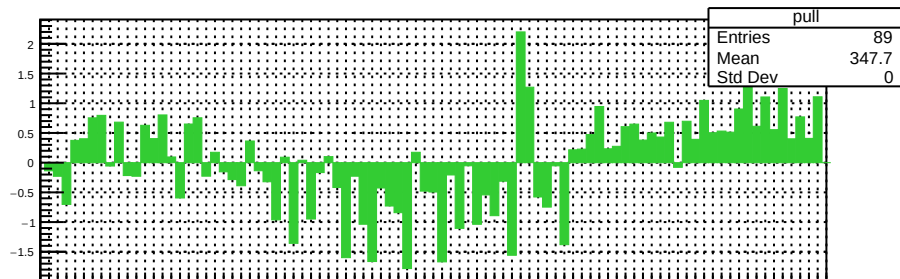
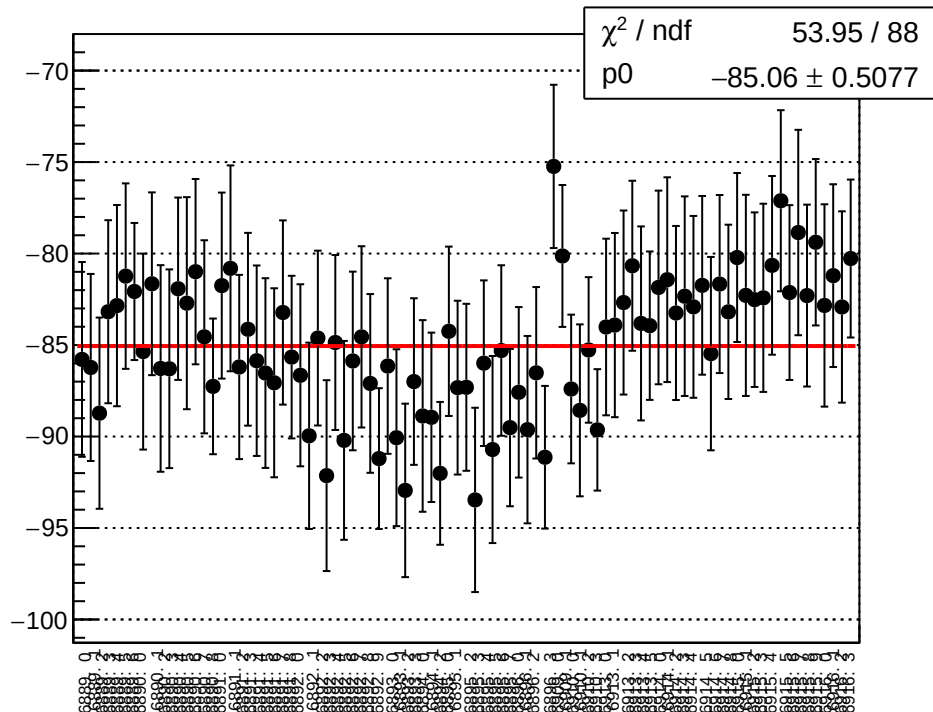
reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs run



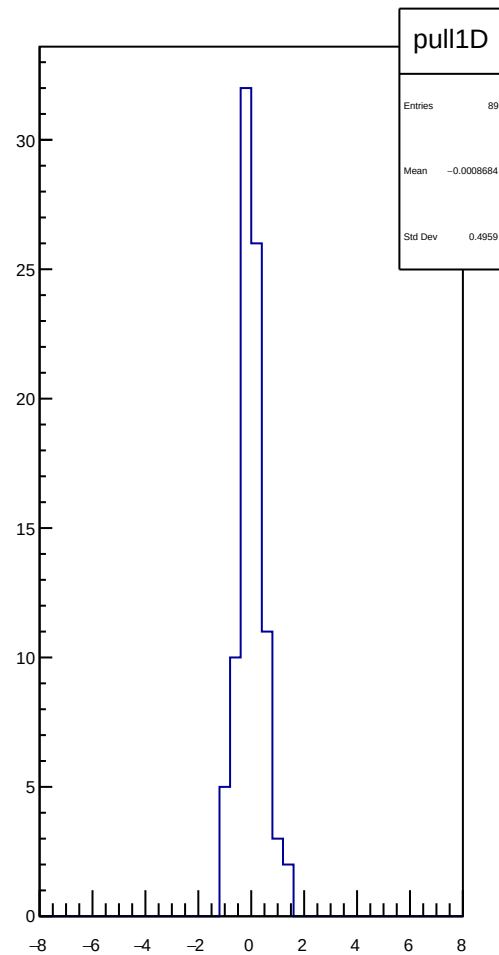
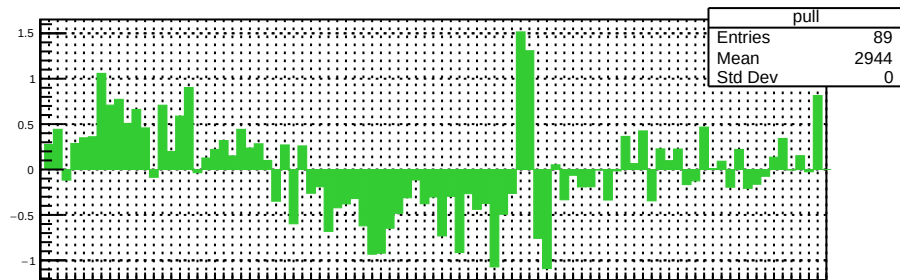
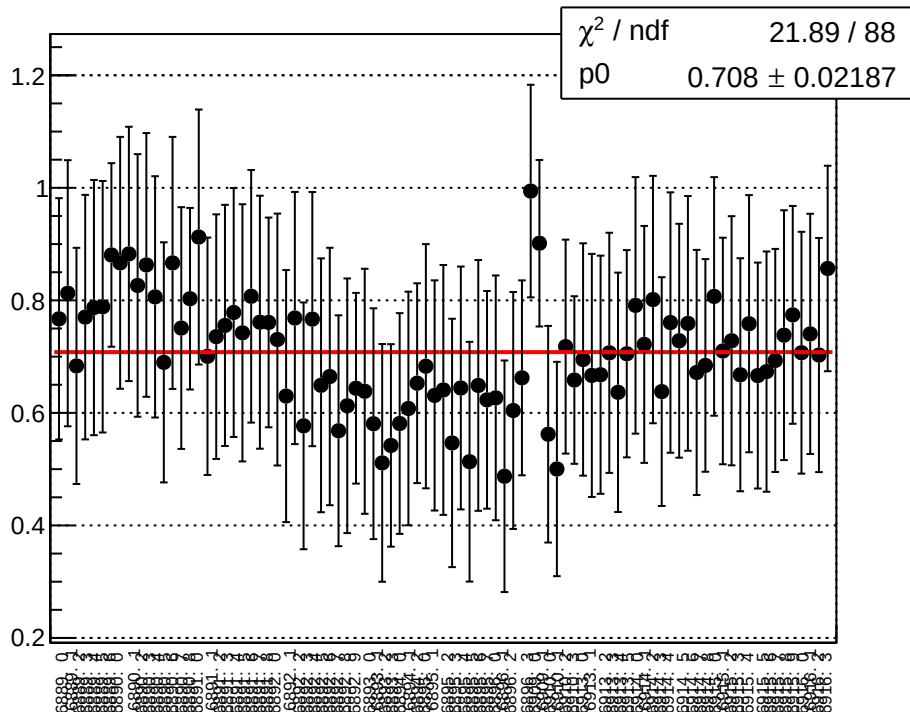
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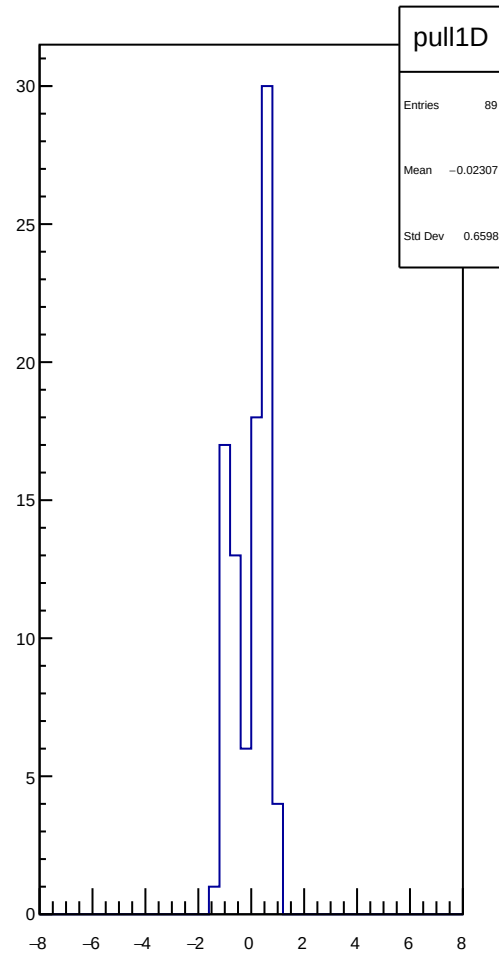
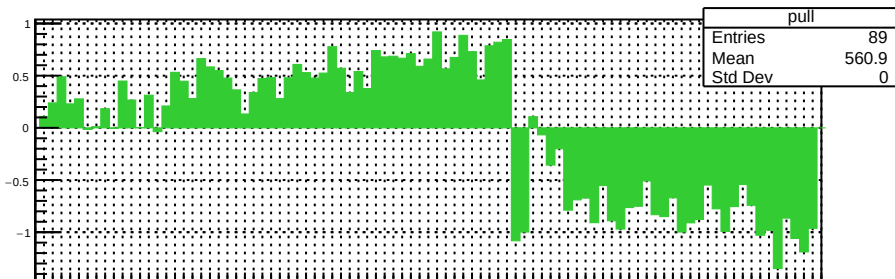
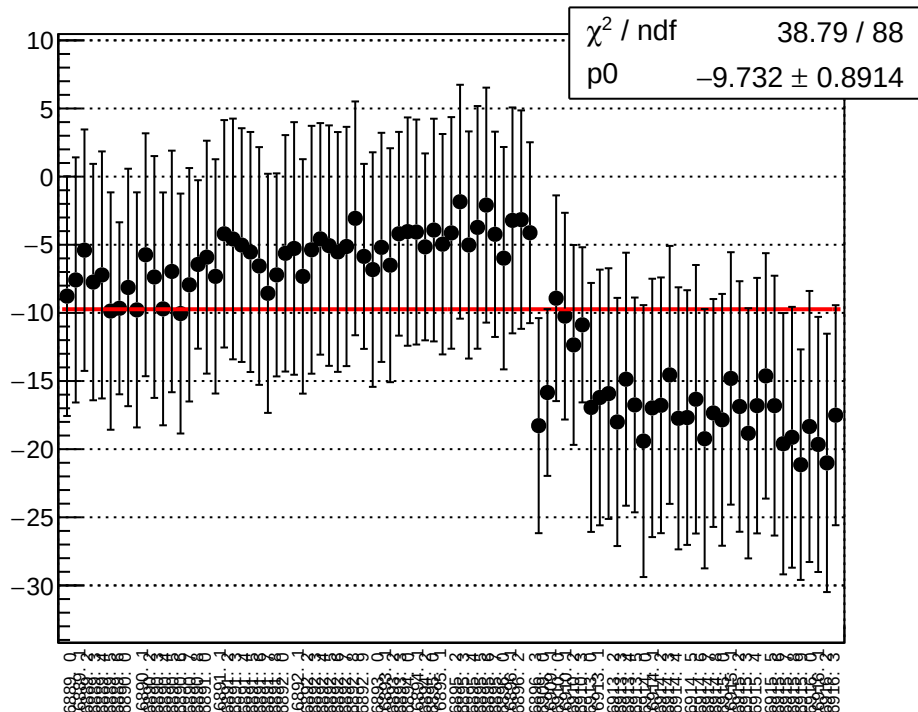
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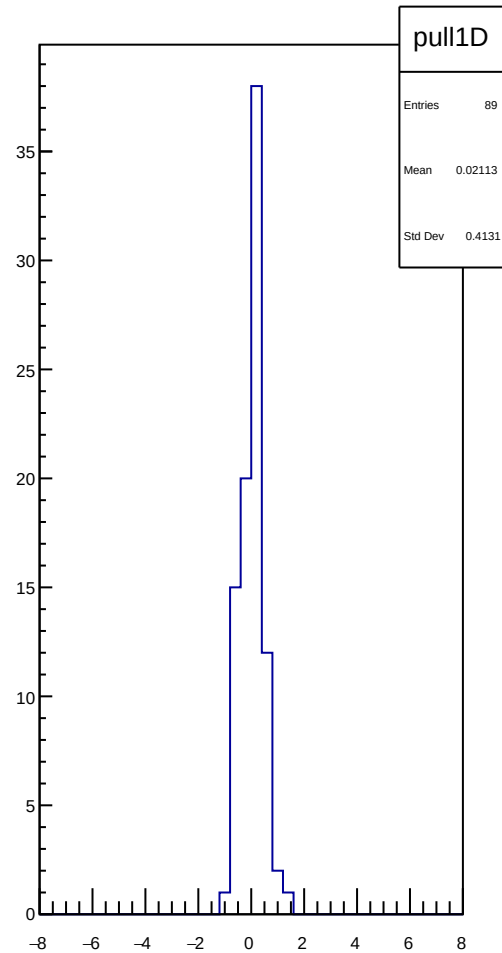
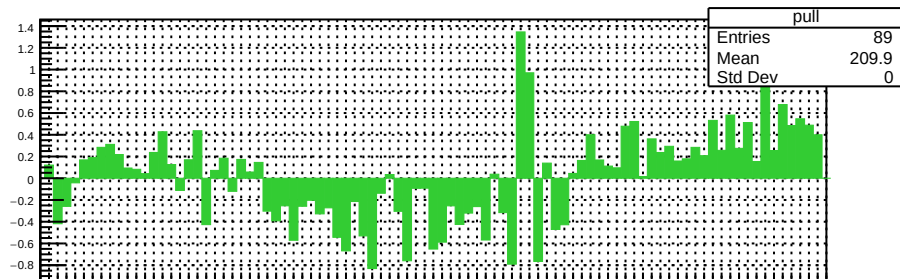
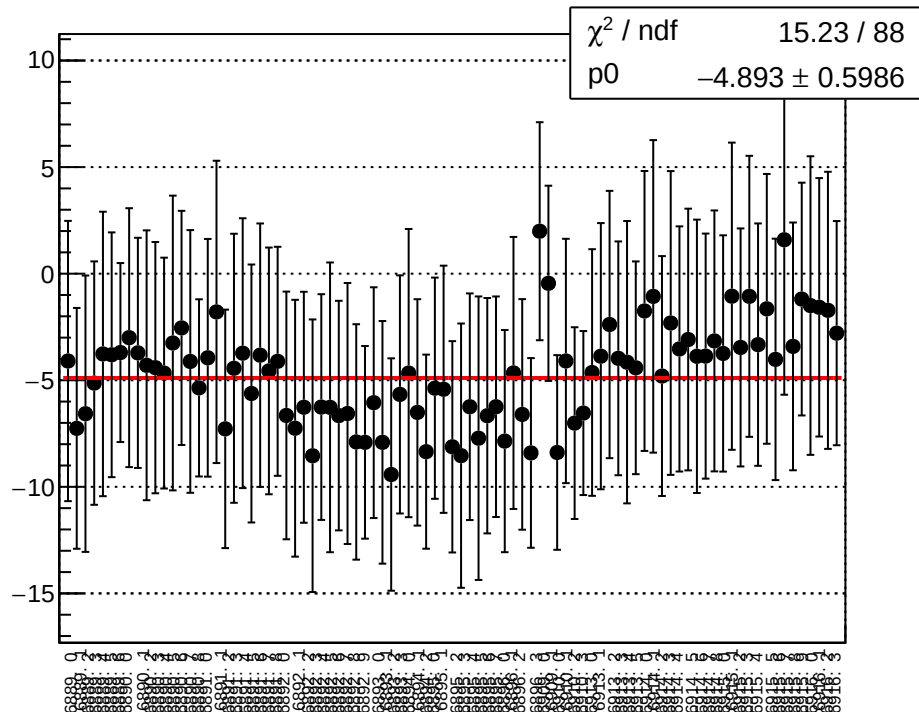
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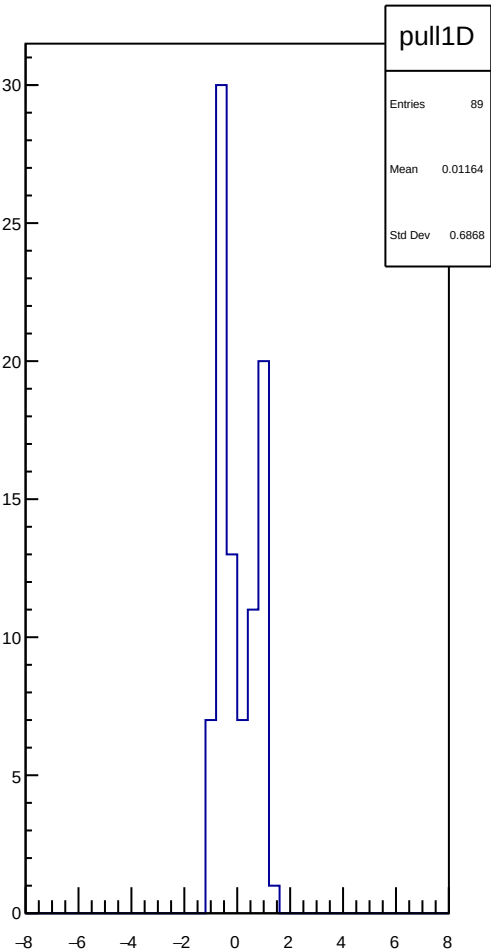
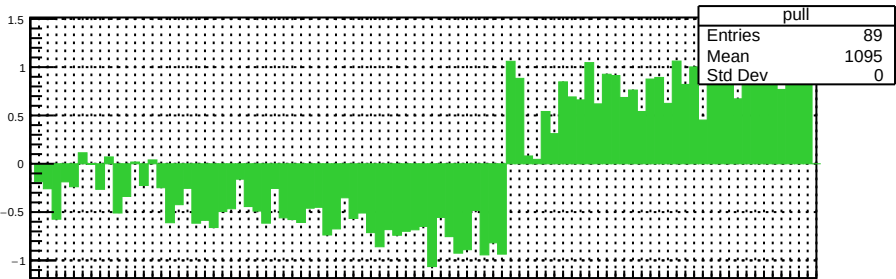
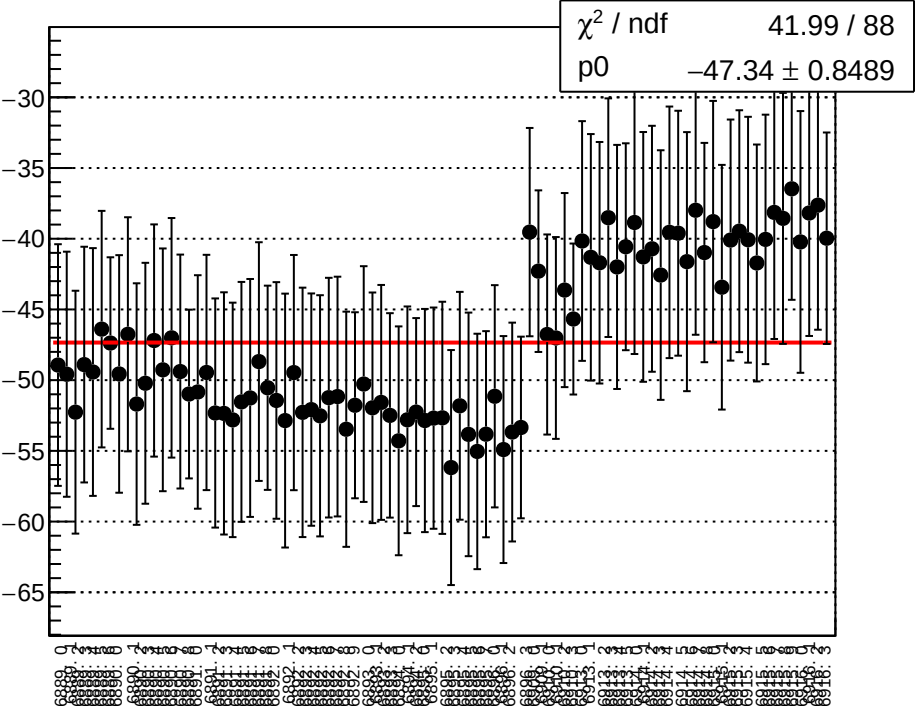
reg_asym_sam_1548_avg_diff_bpm1X_slope vs run



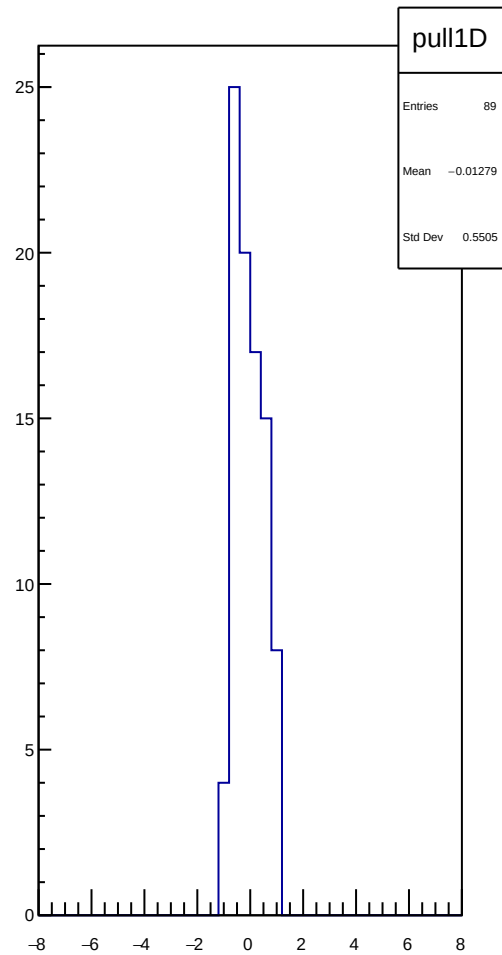
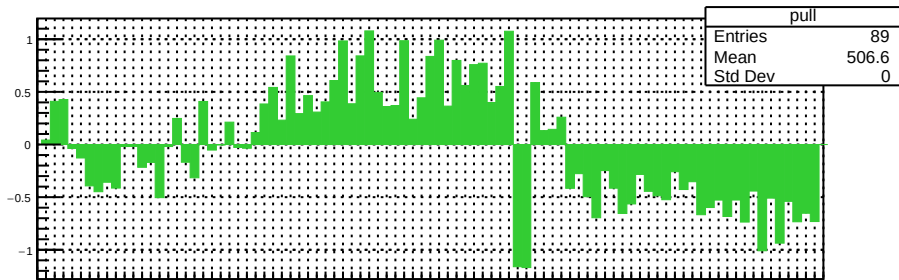
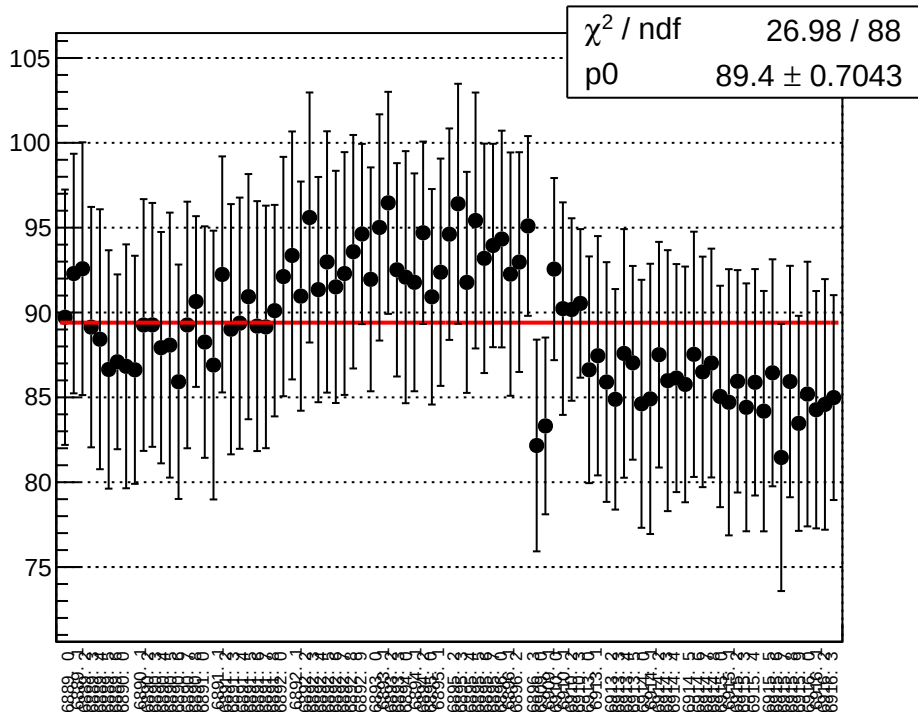
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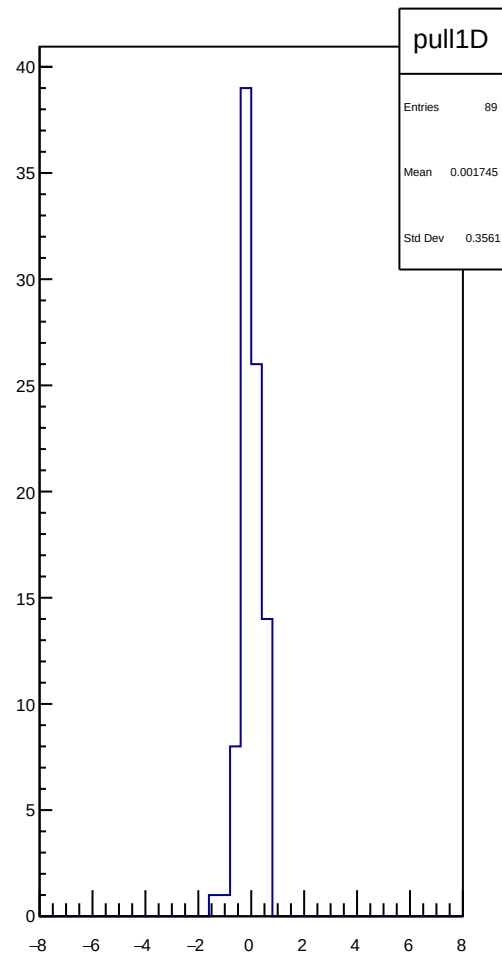
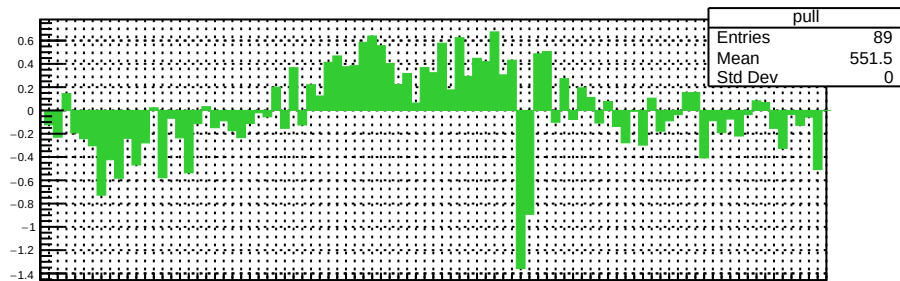
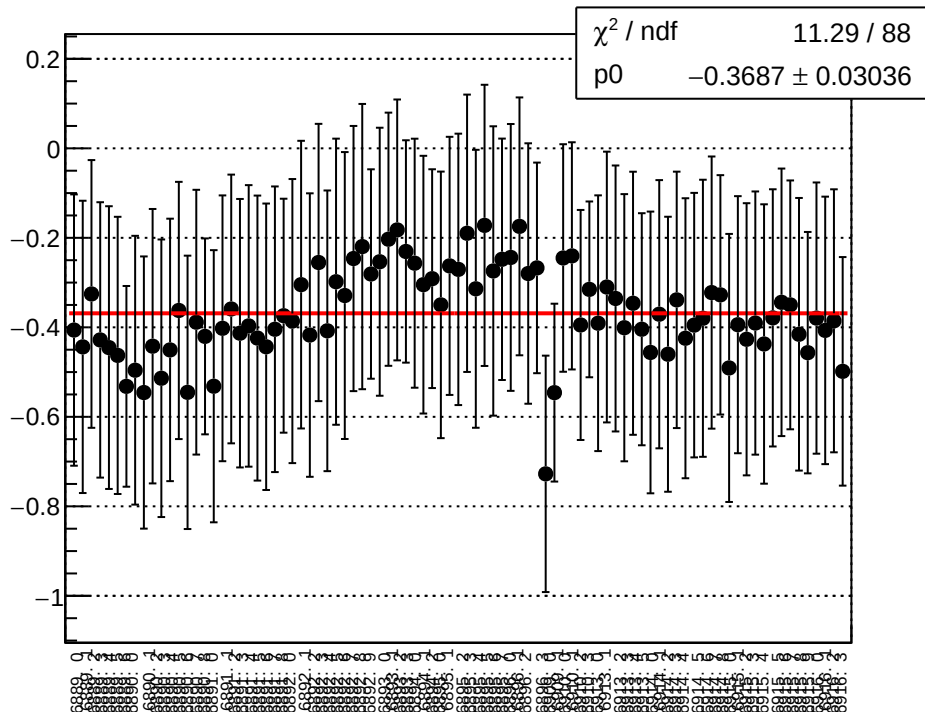
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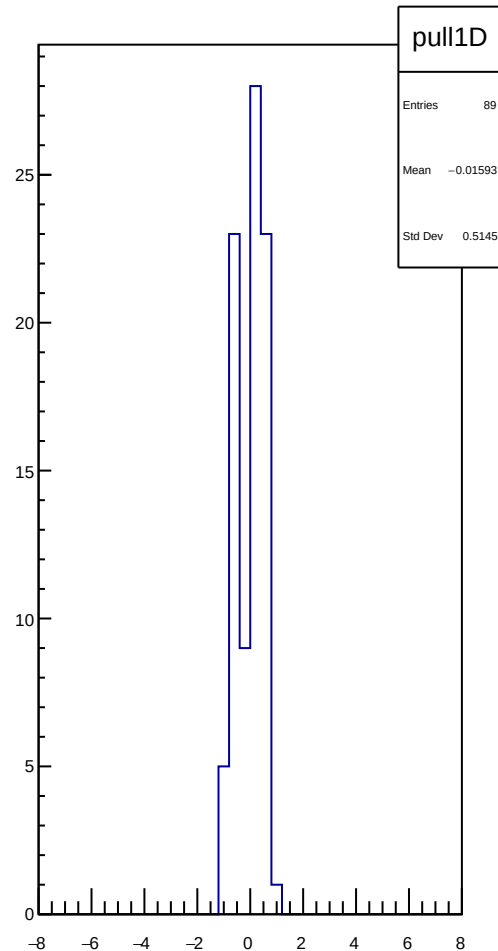
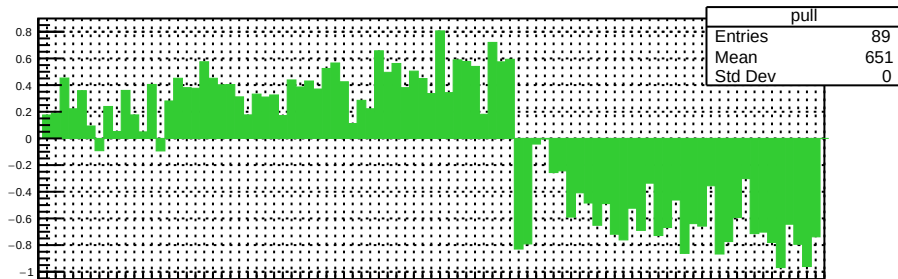
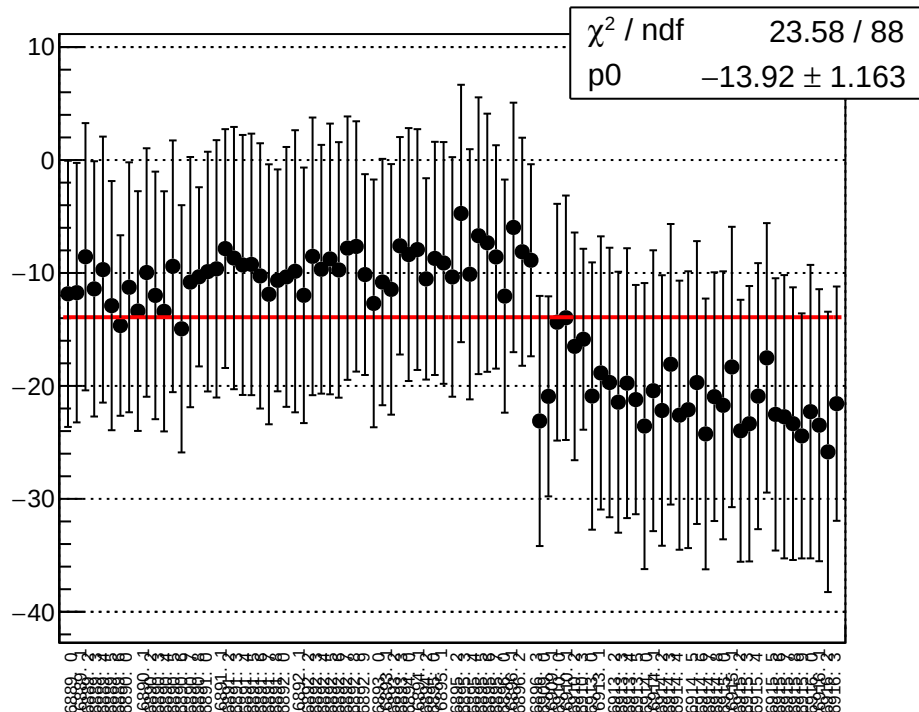
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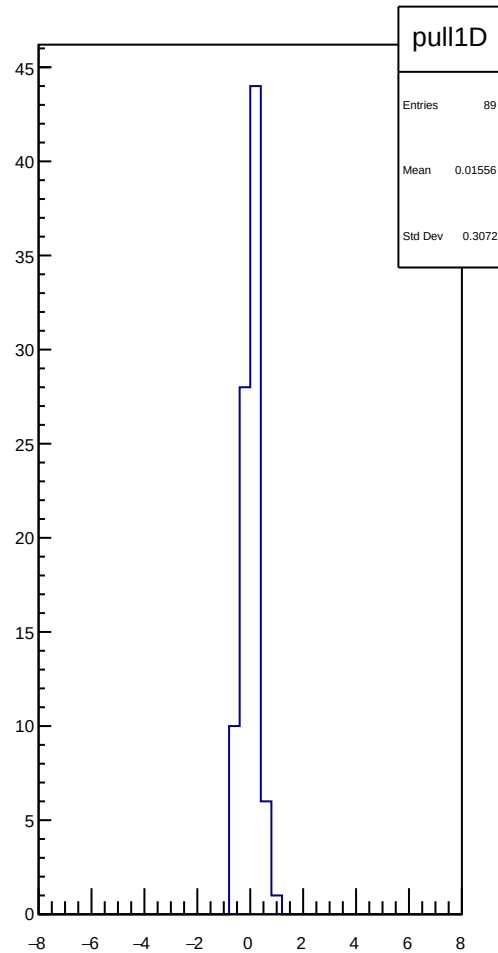
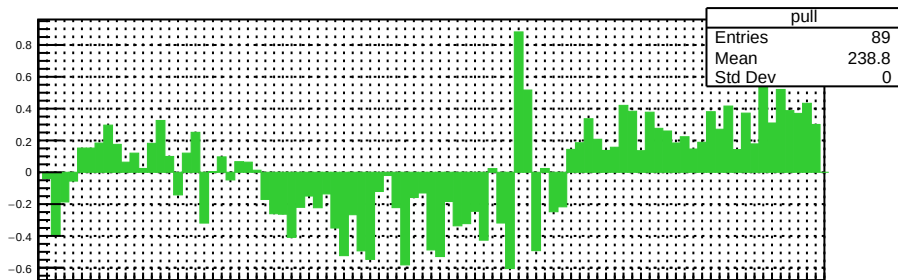
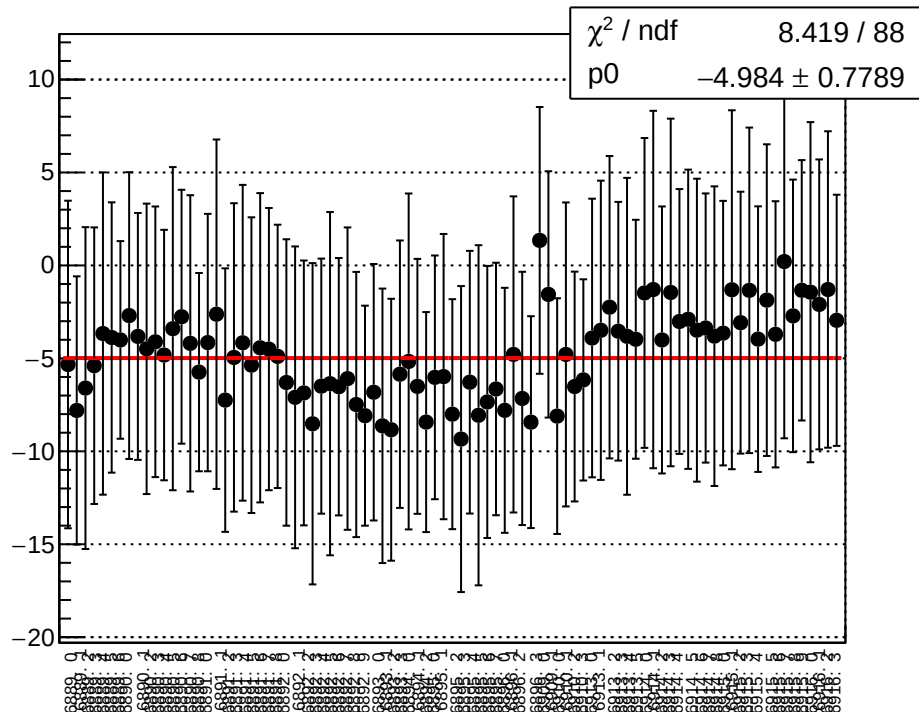
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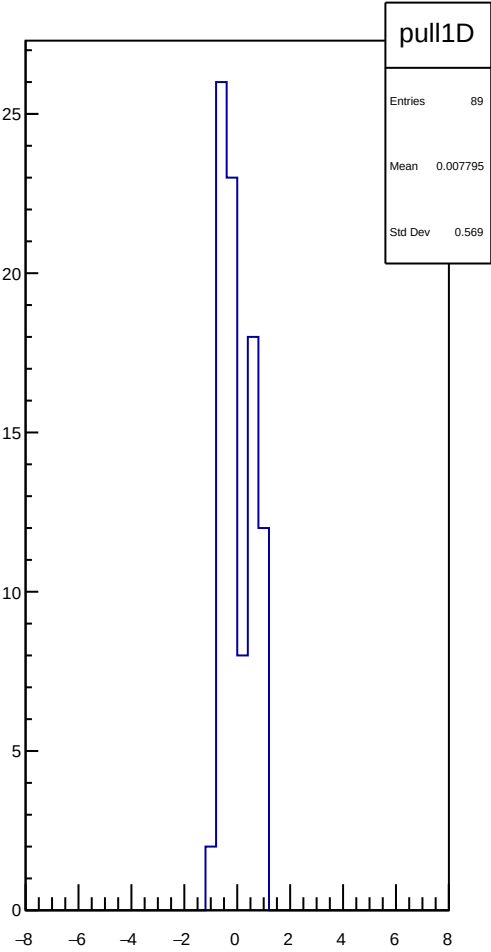
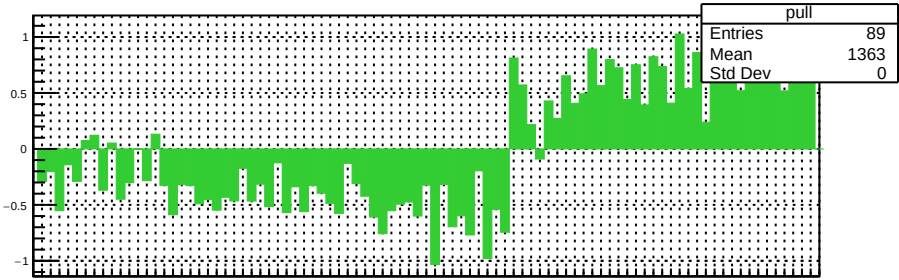
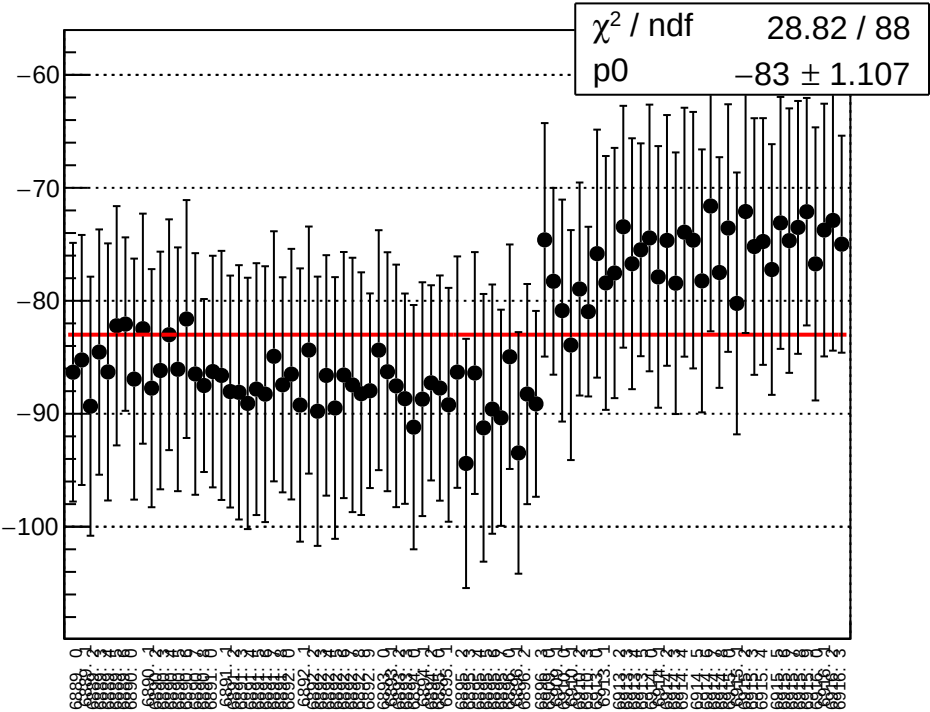
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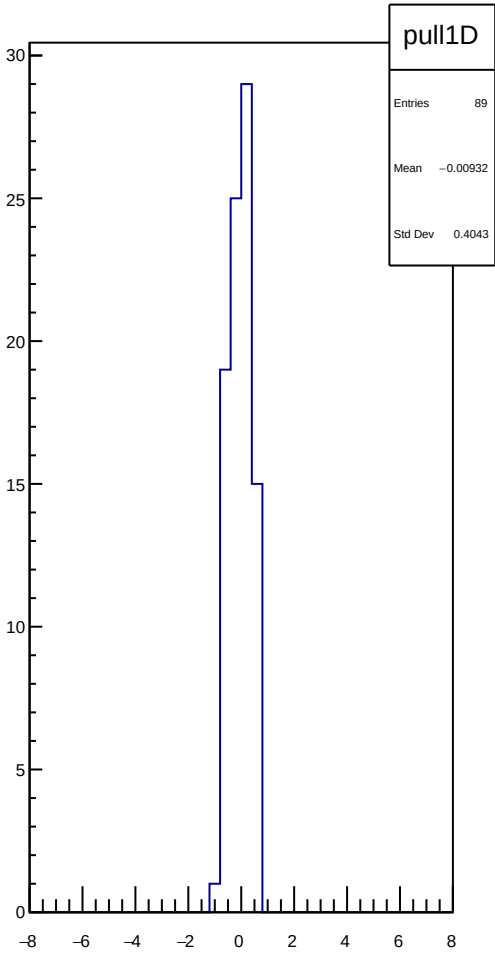
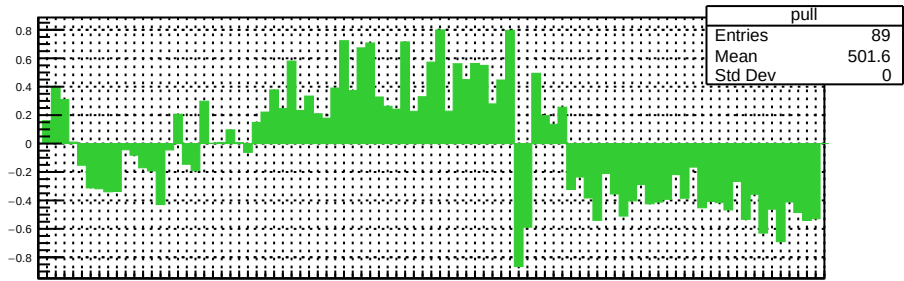
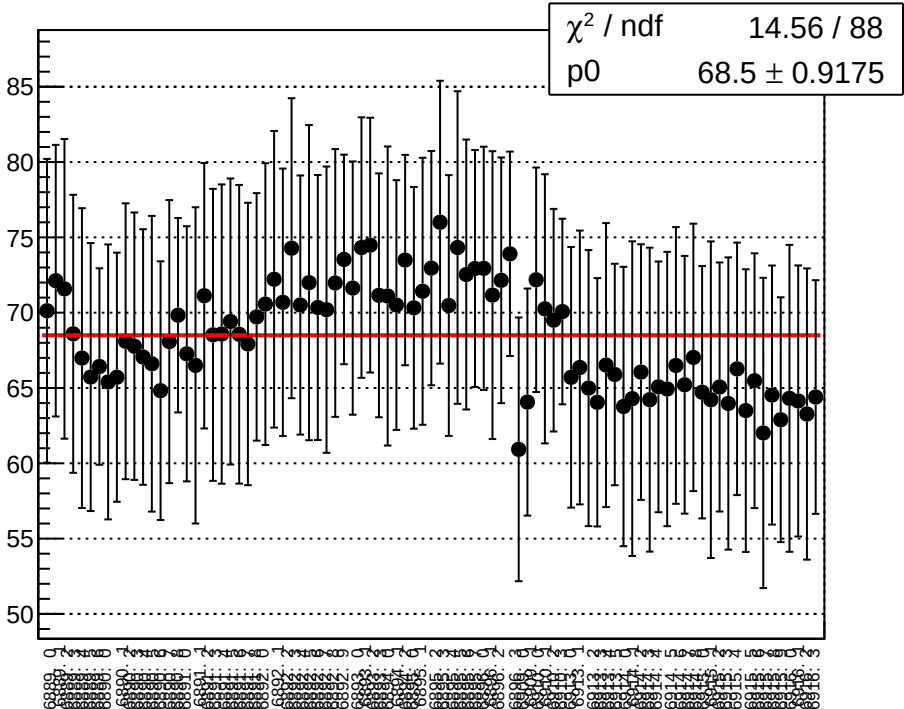
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs run



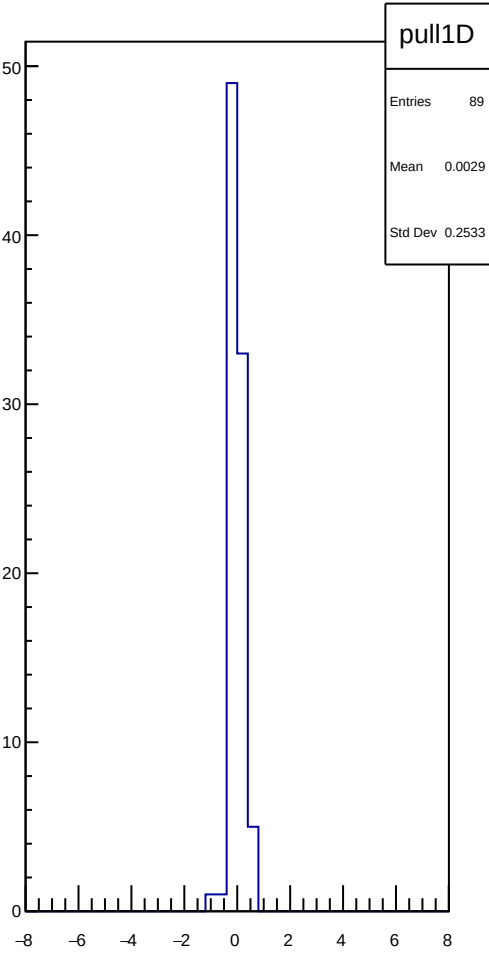
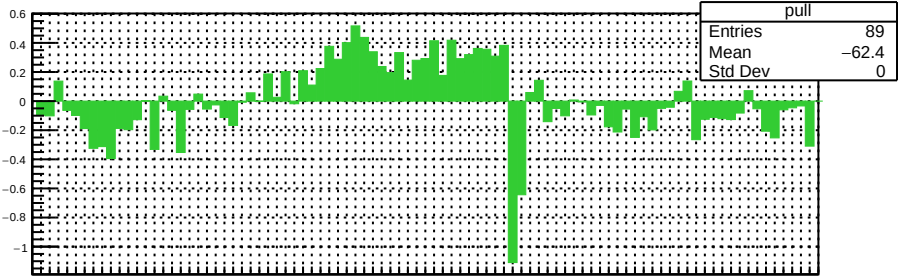
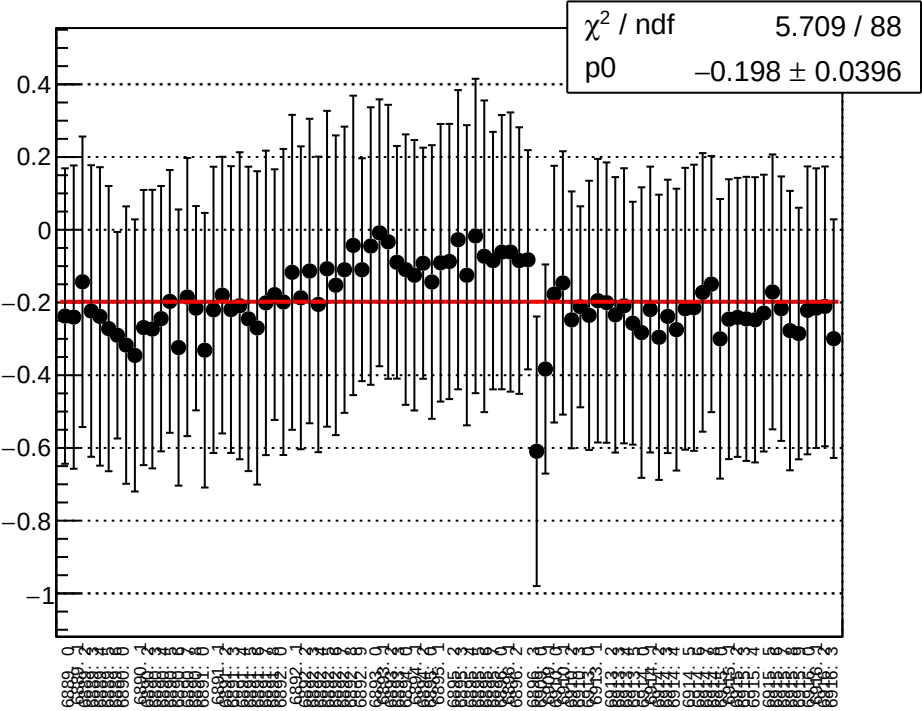
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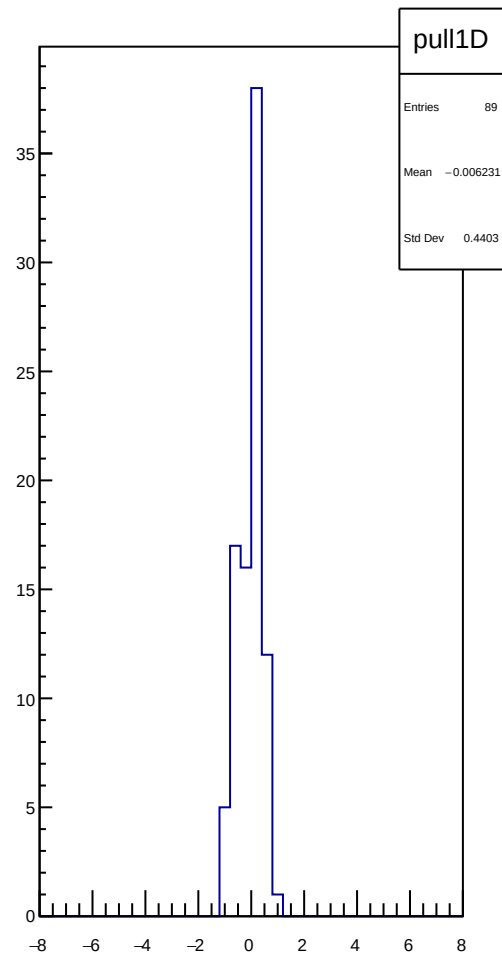
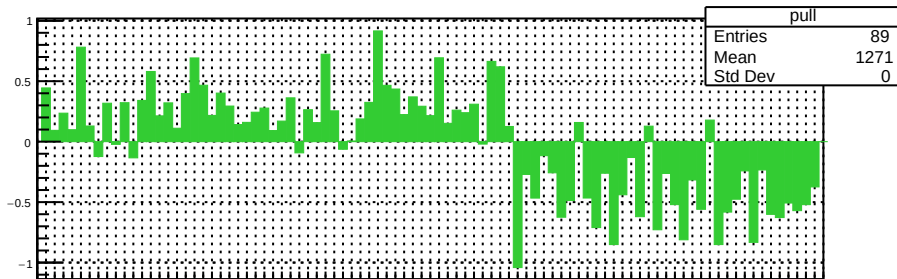
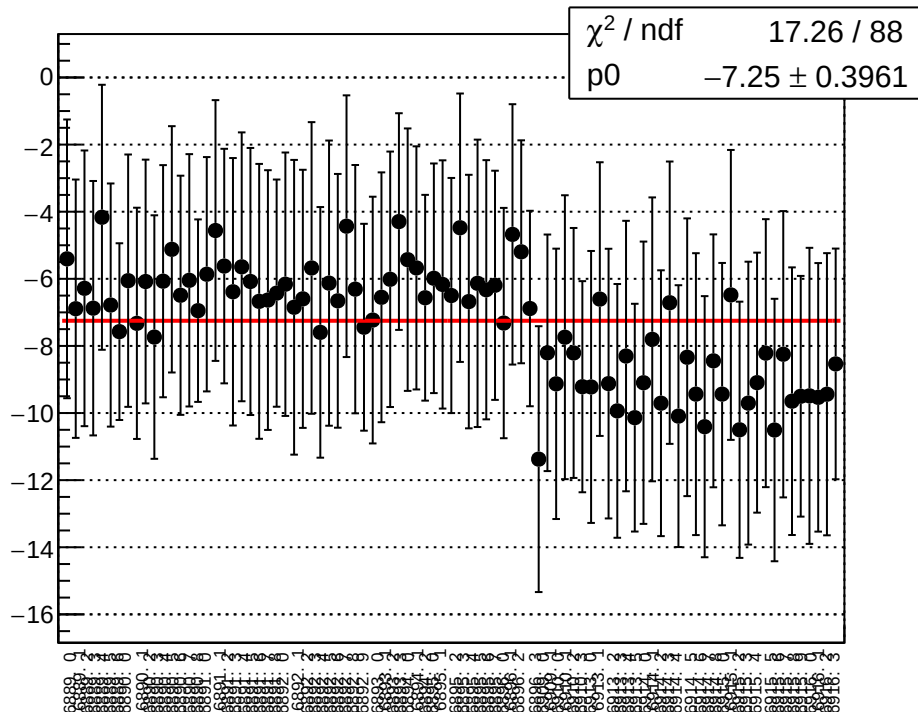
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs run



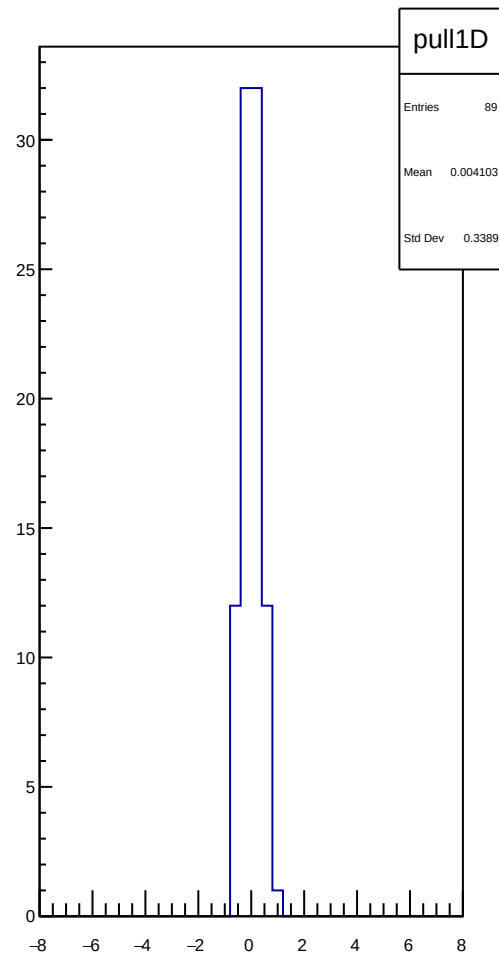
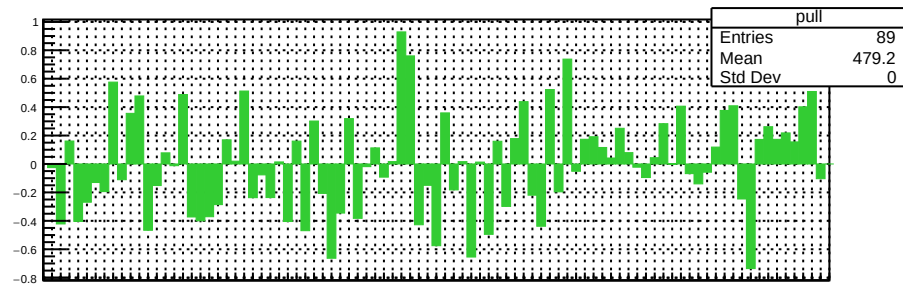
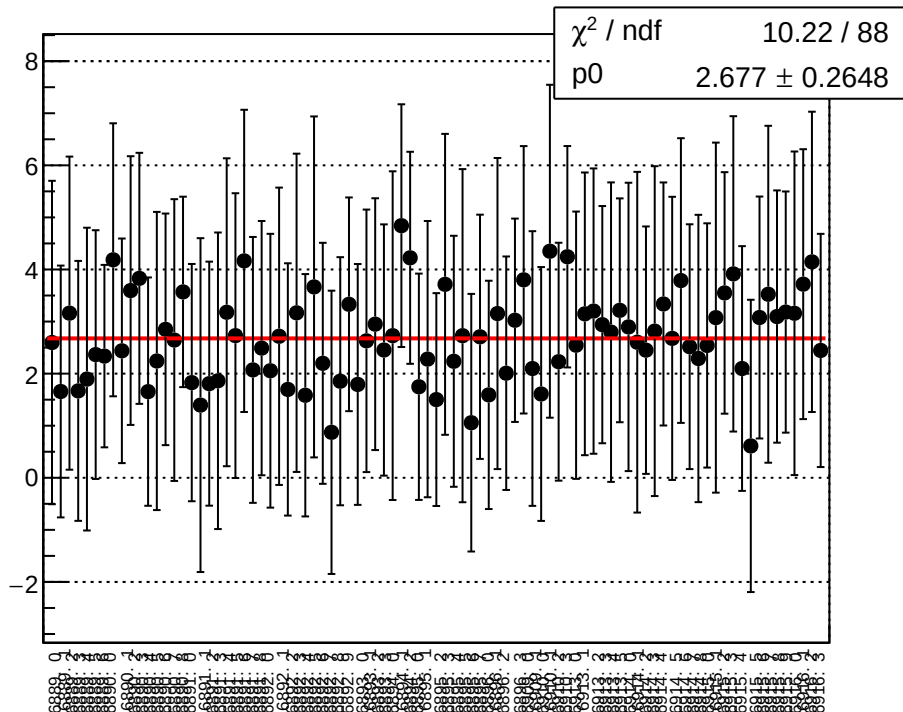
reg_asym_sam_3748_avg_diff_bpm12X_slope vs run



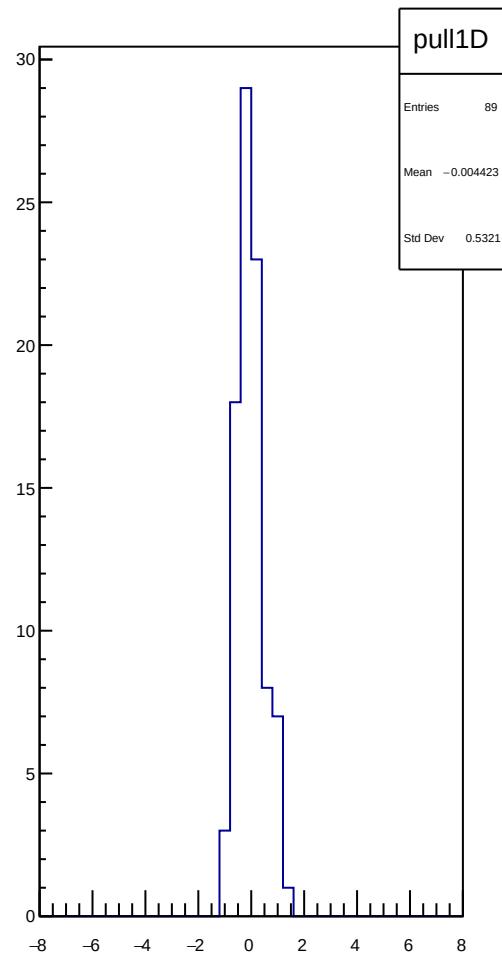
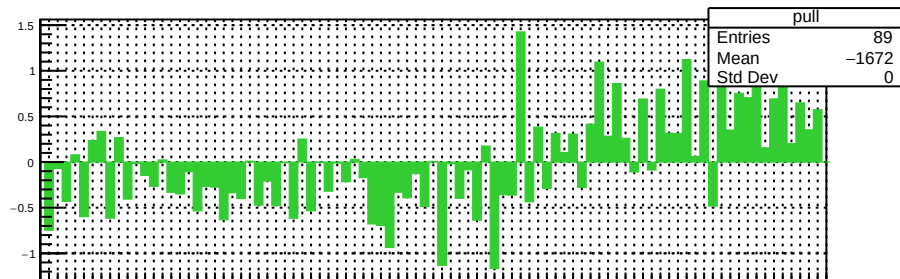
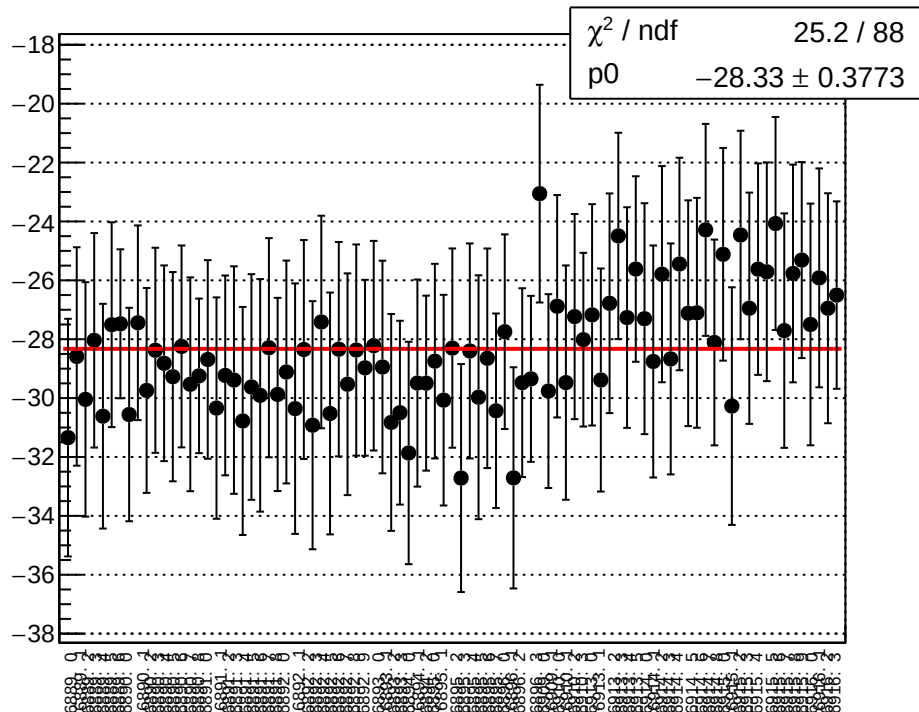
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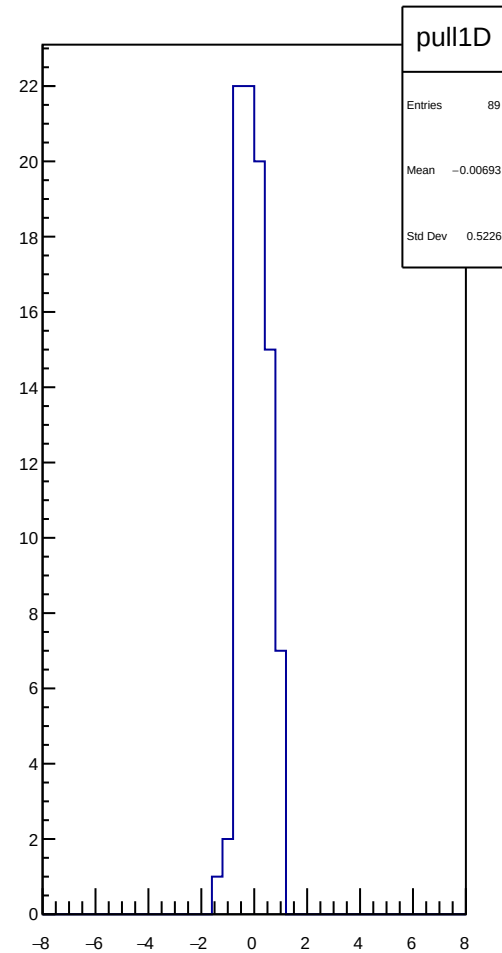
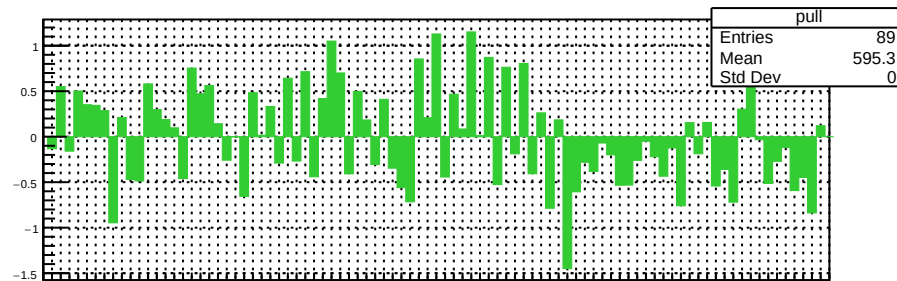
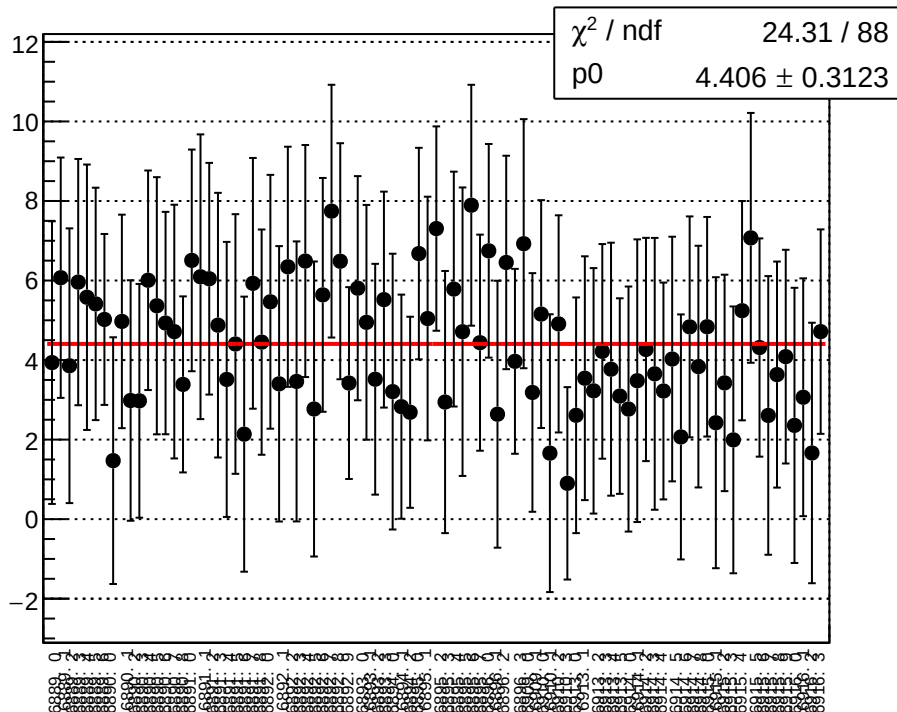
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs run



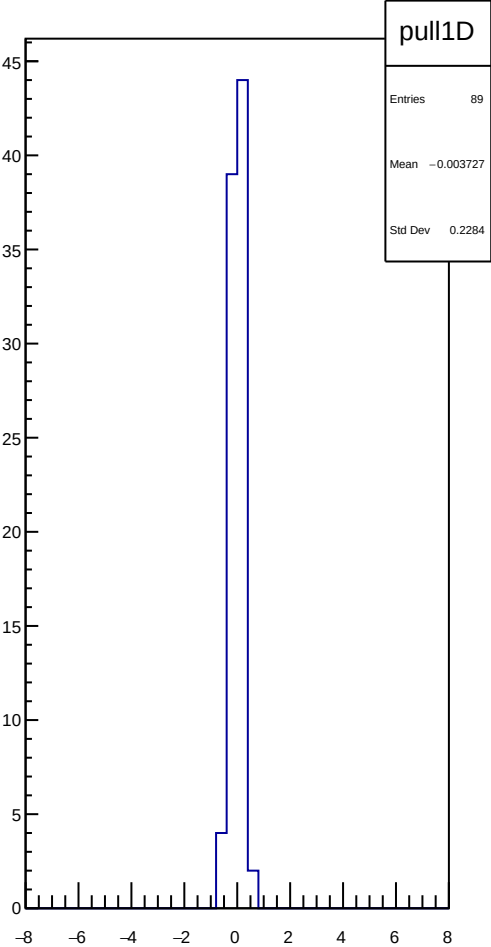
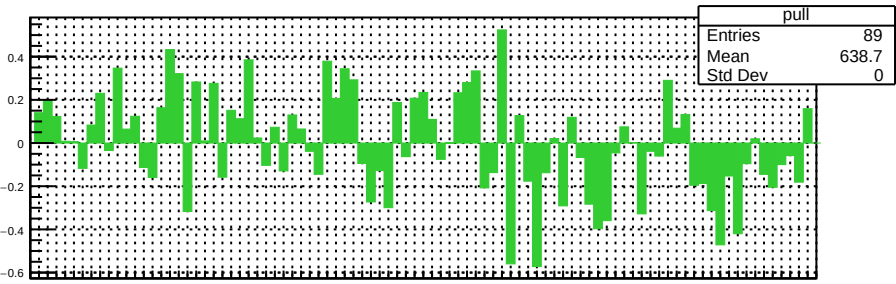
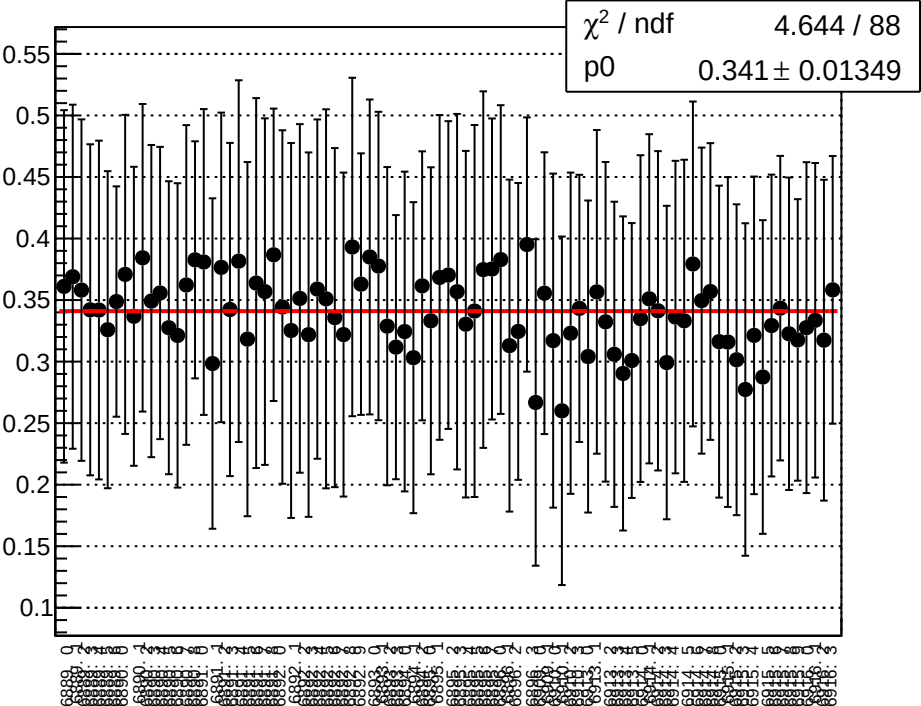
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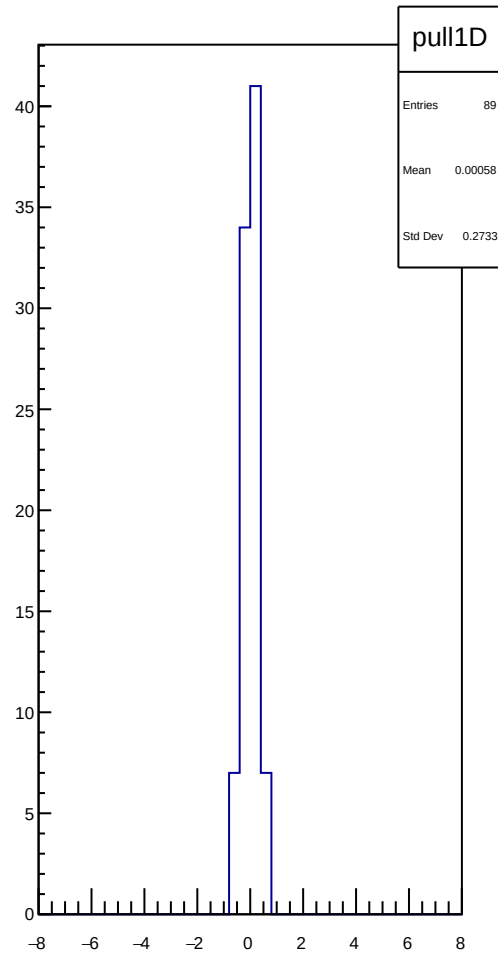
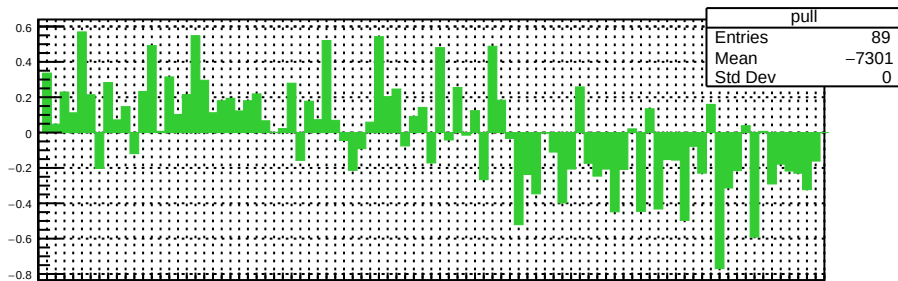
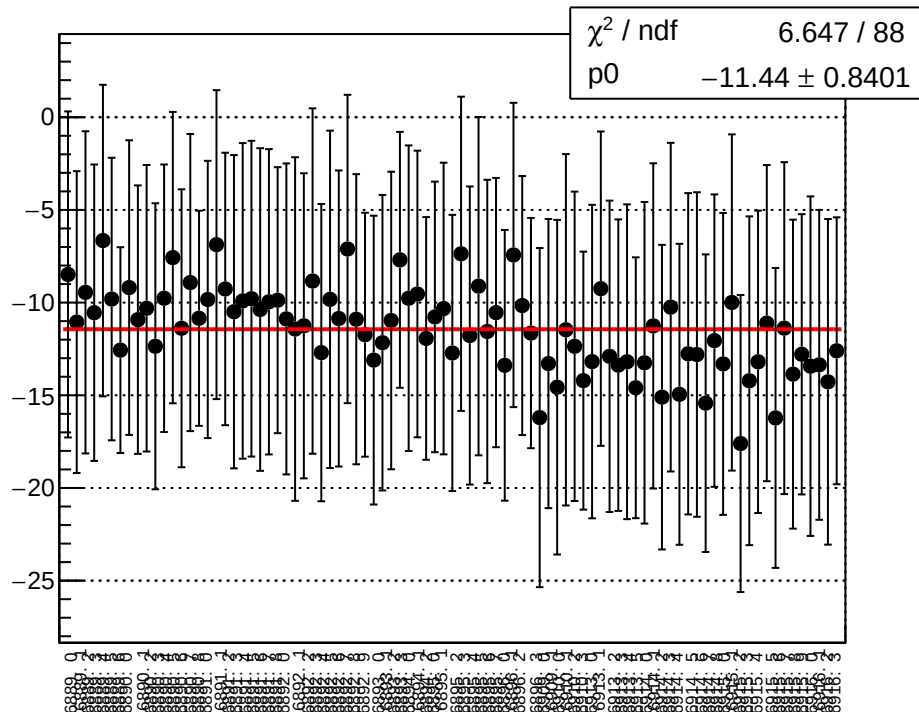
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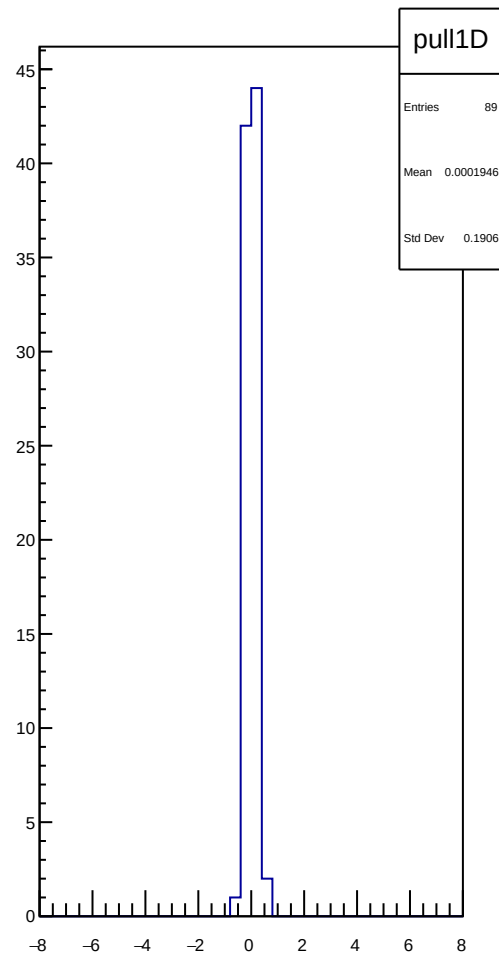
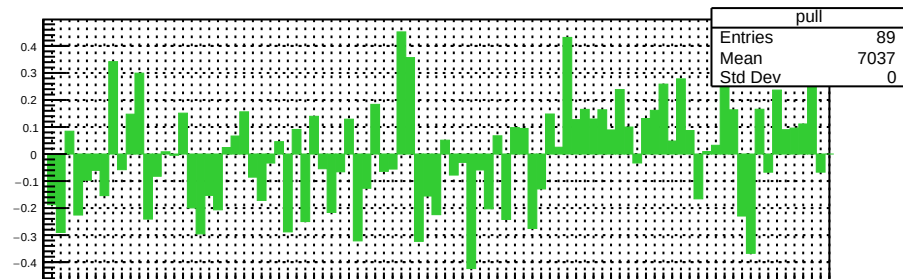
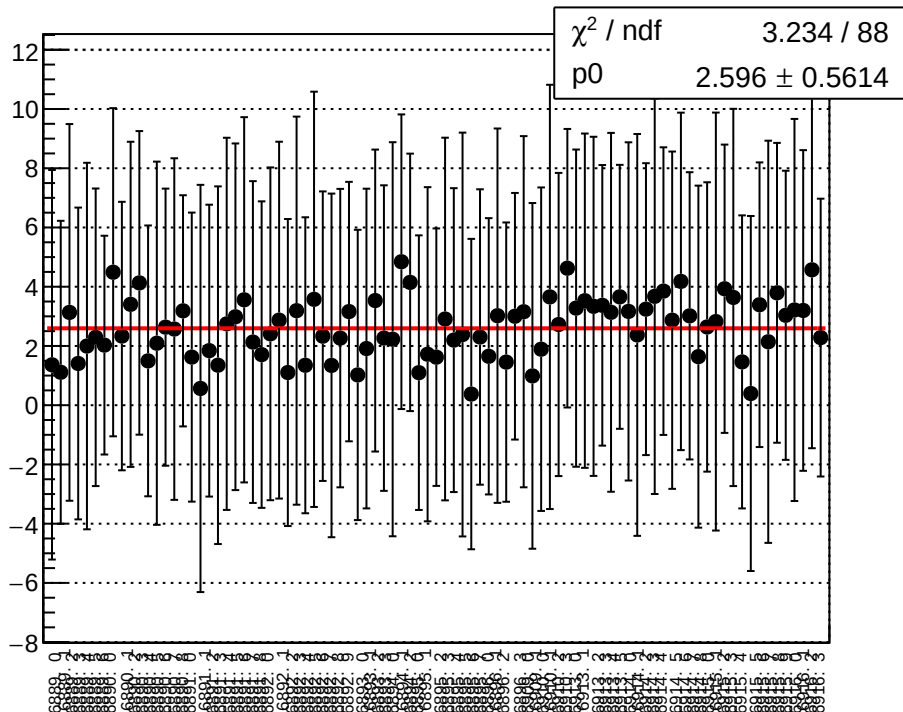
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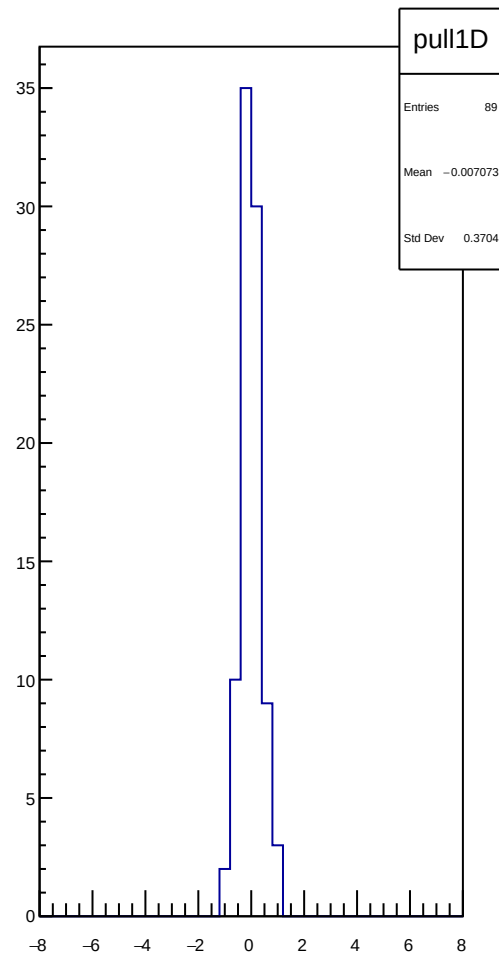
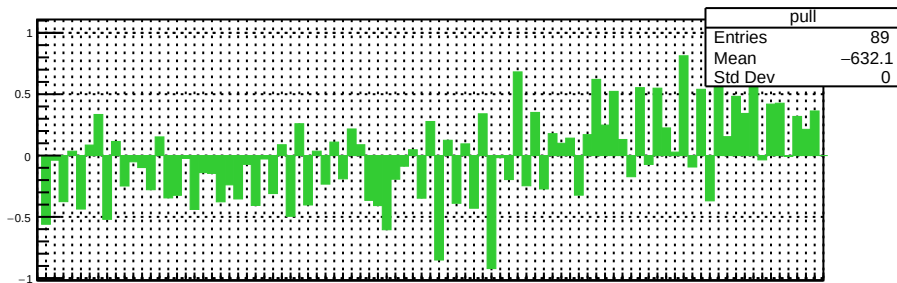
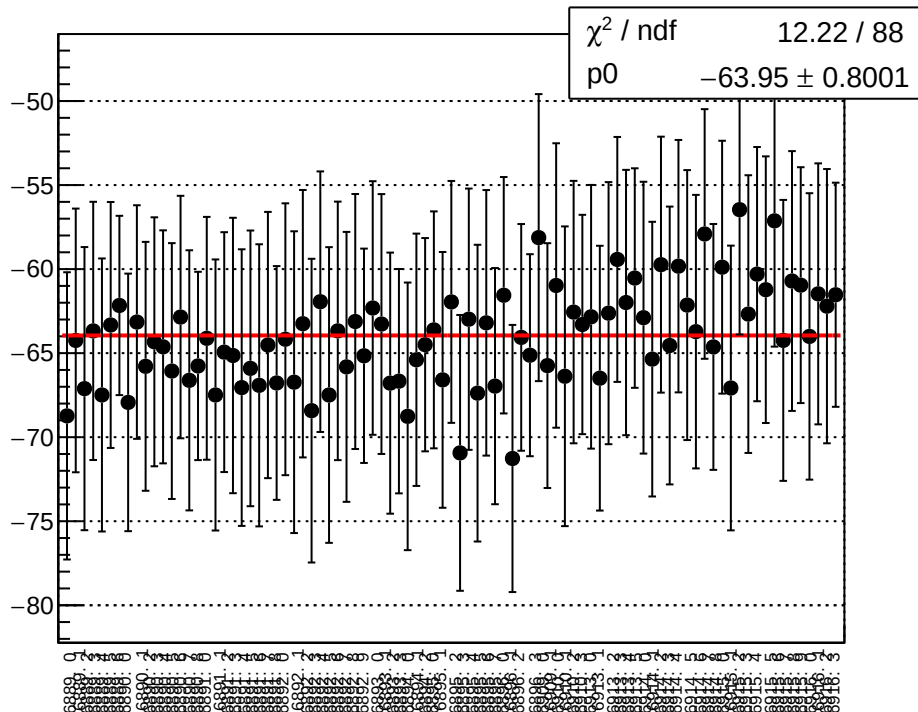
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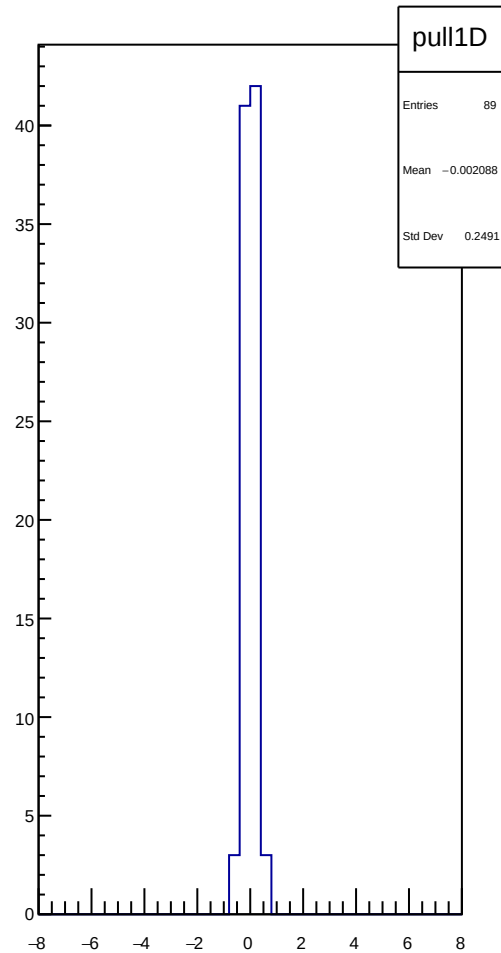
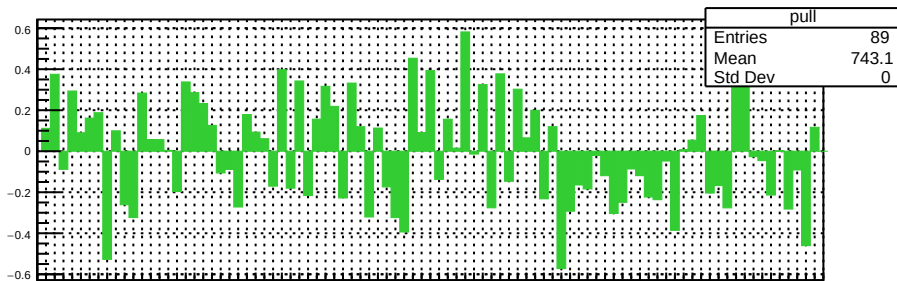
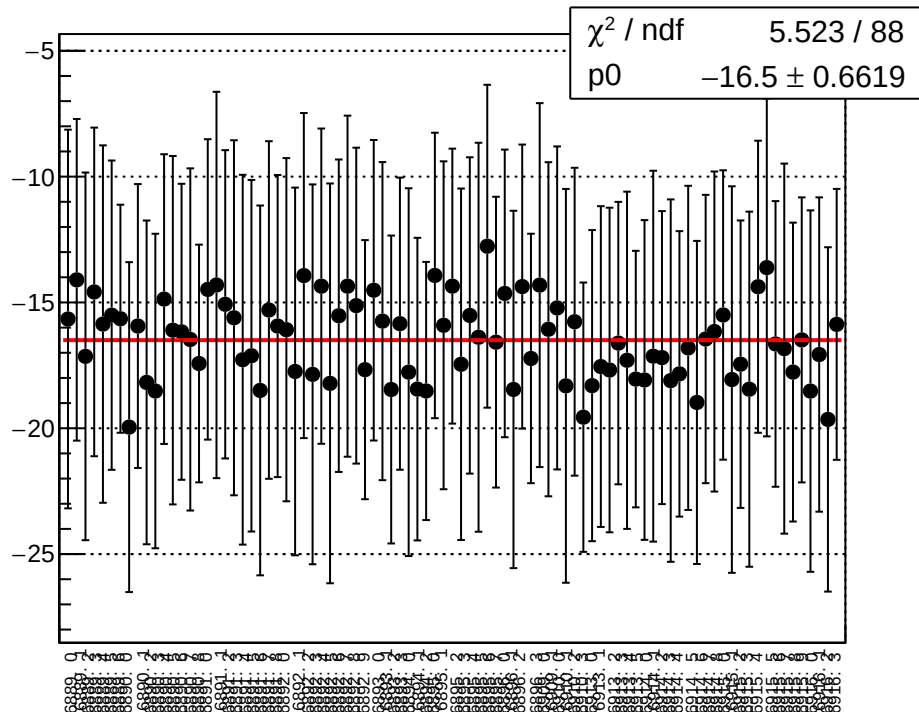
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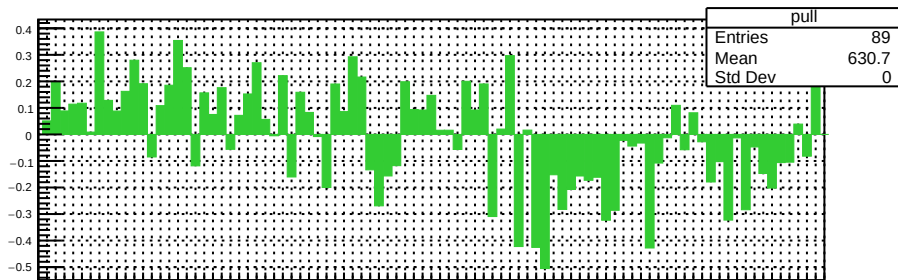
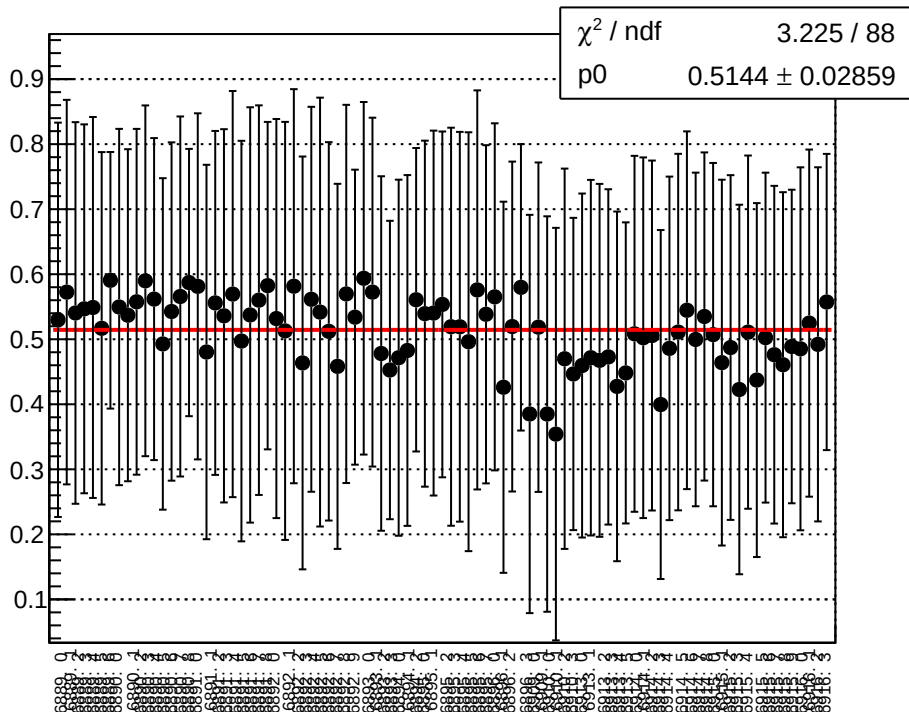
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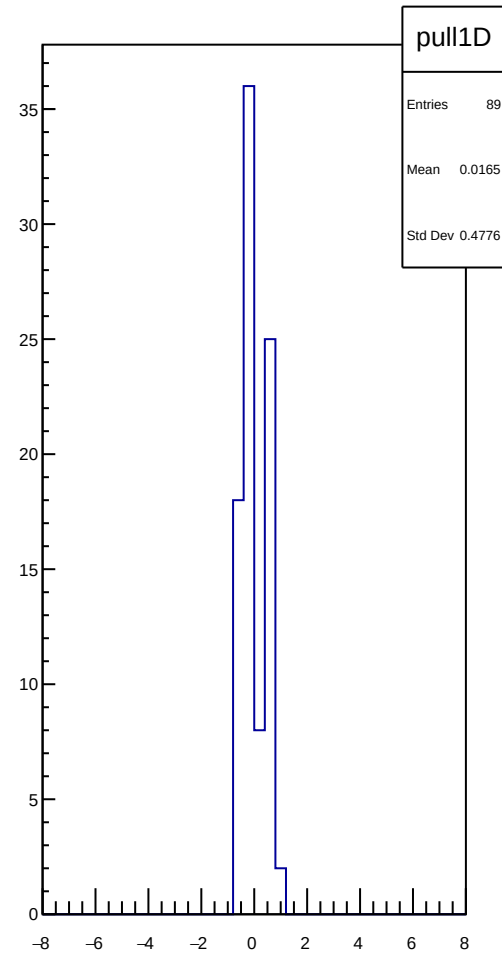
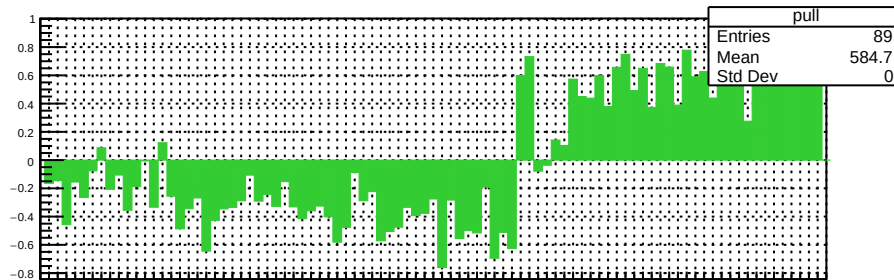
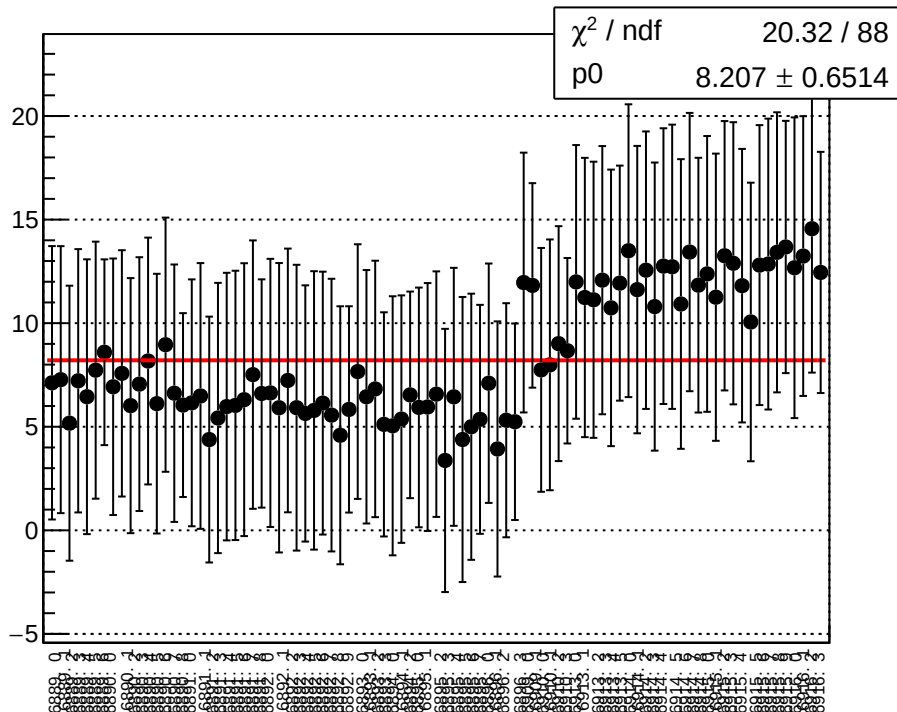
reg_asym_sam_3726_avg_diff_bpm4eY_slope vs run



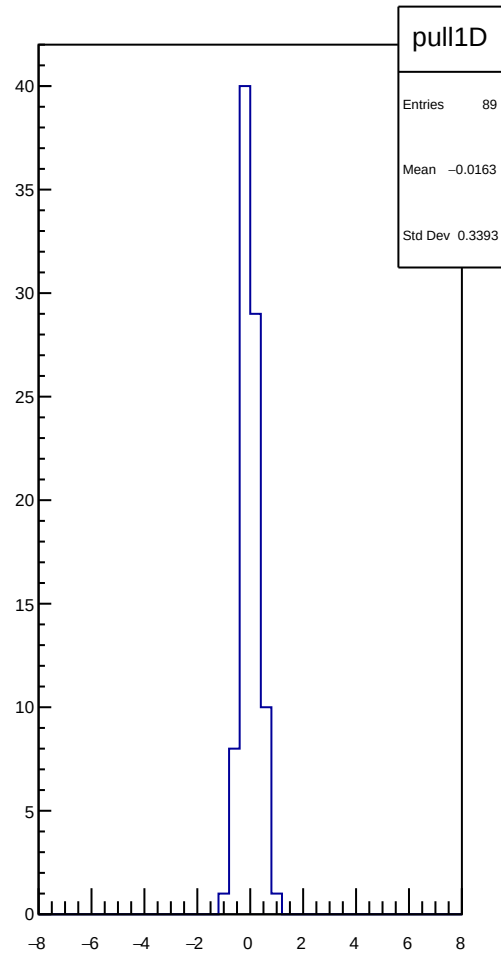
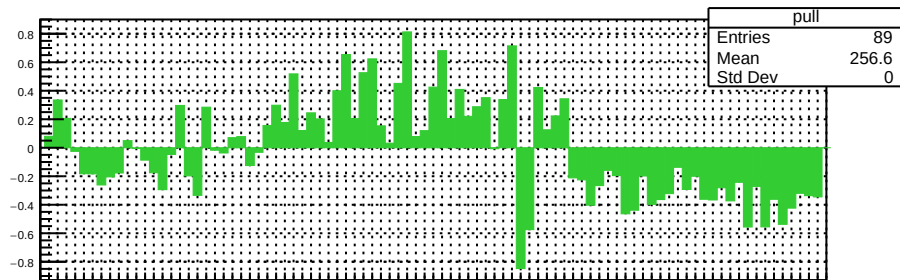
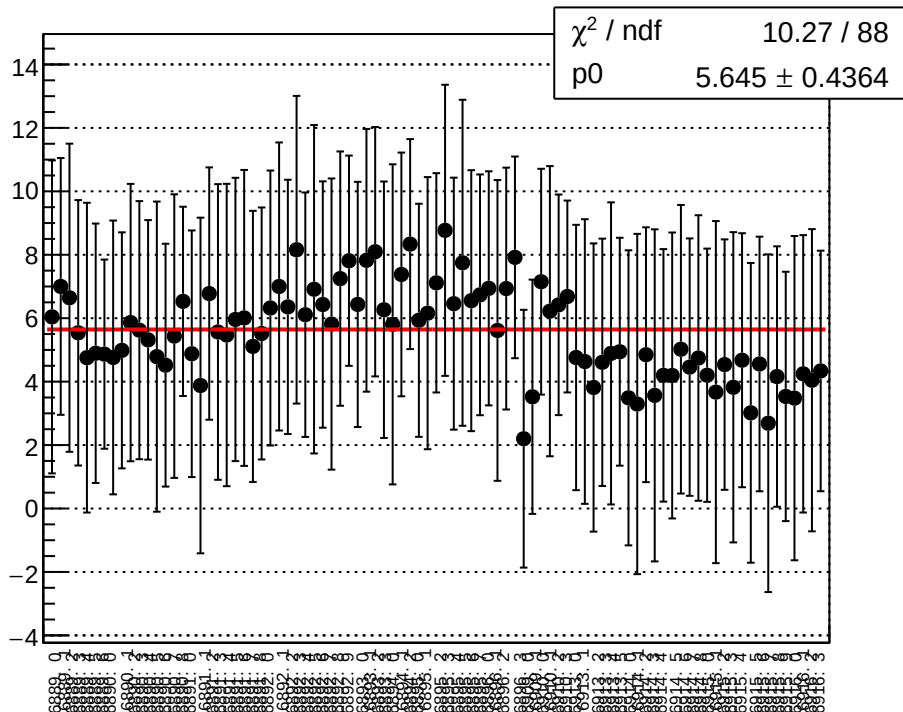
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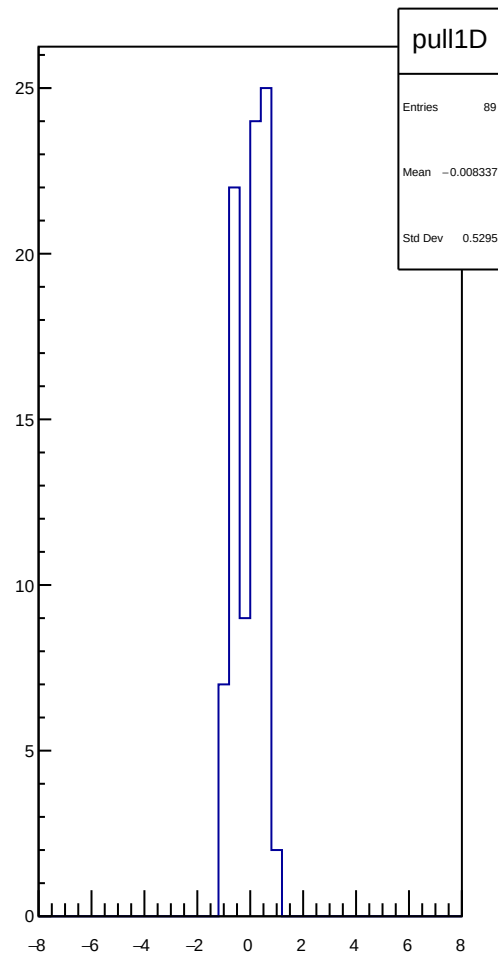
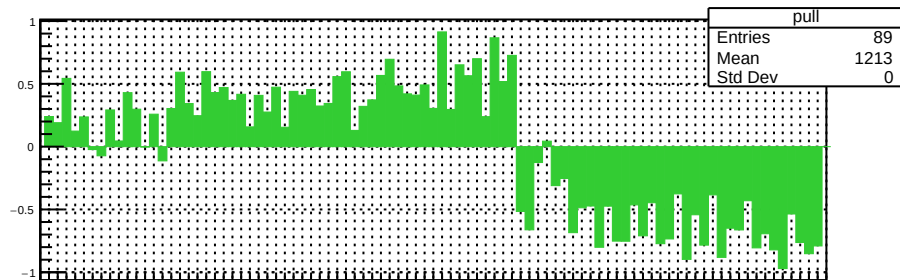
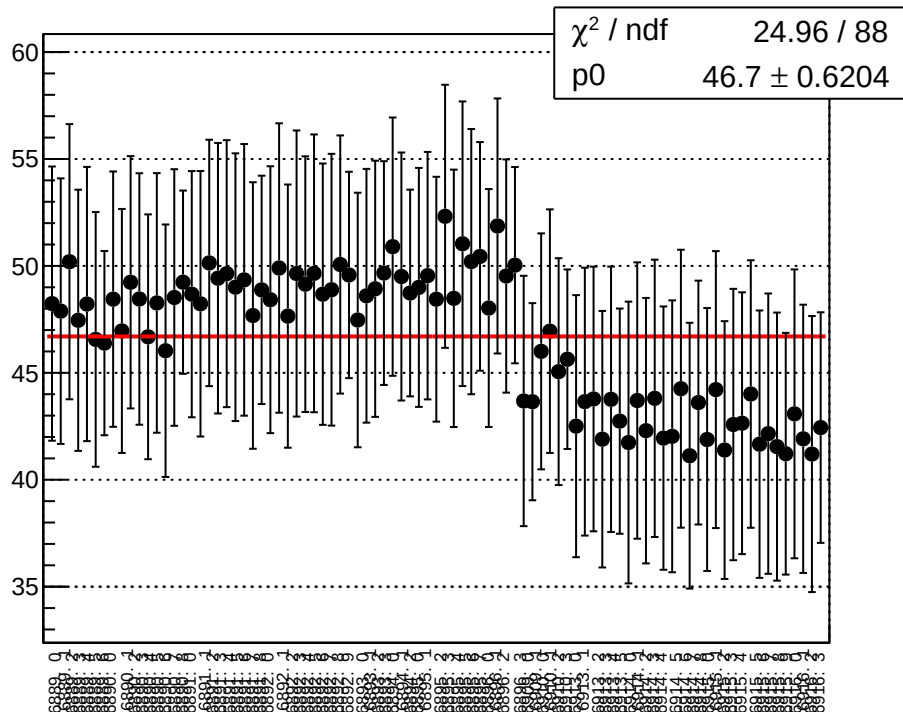
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs run



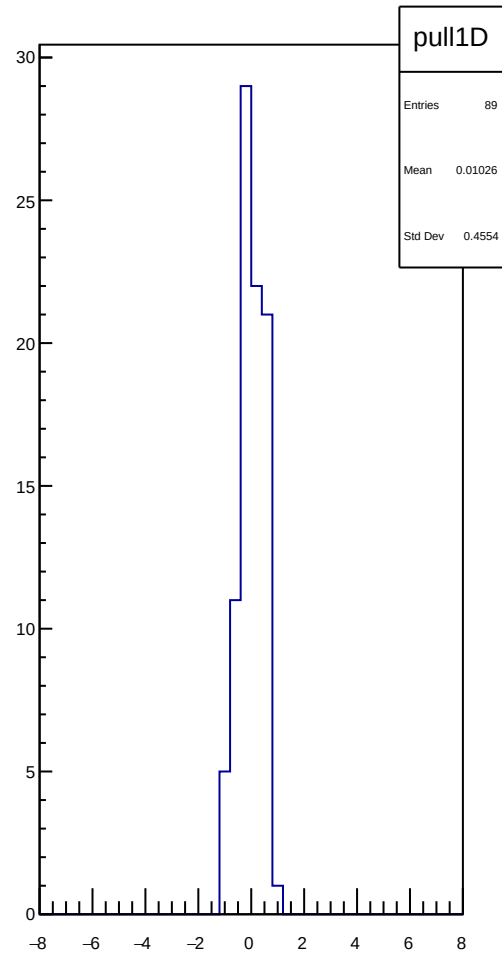
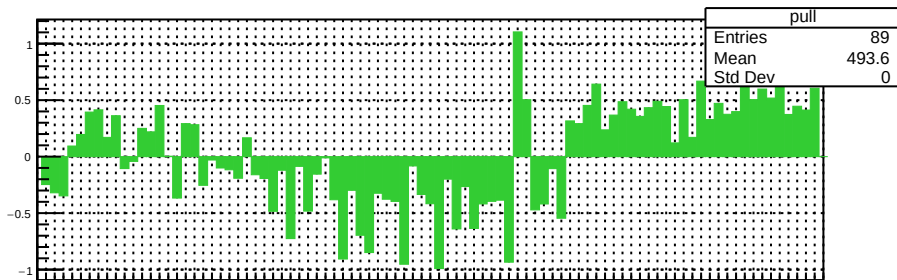
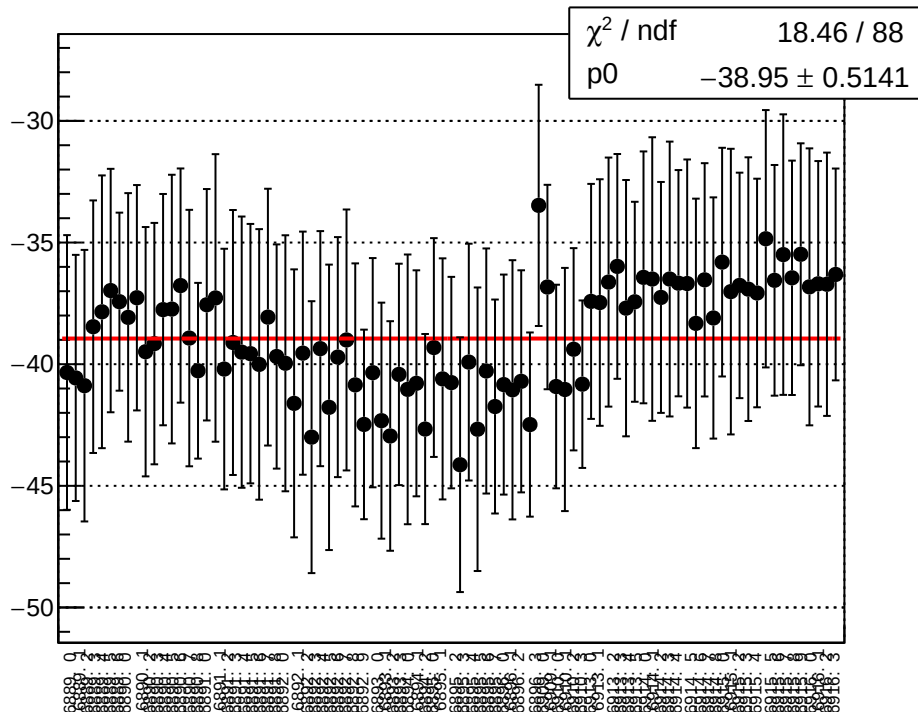
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs run



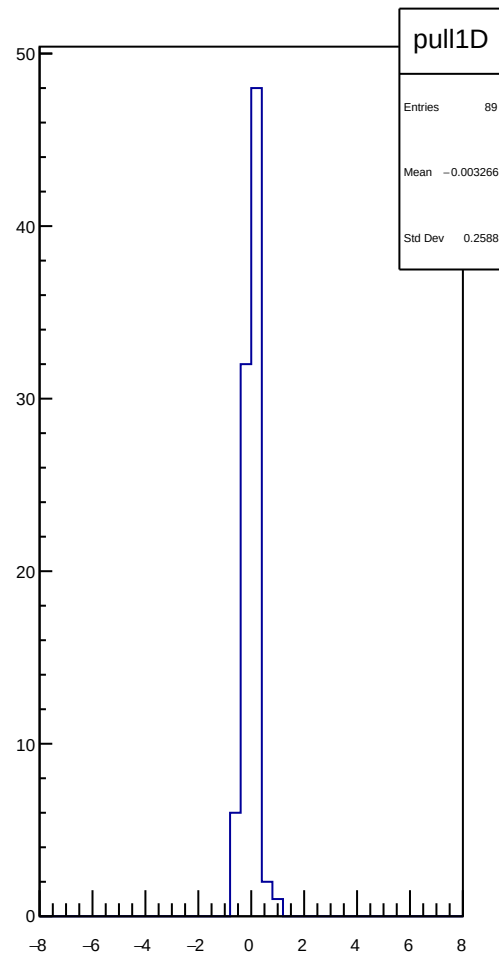
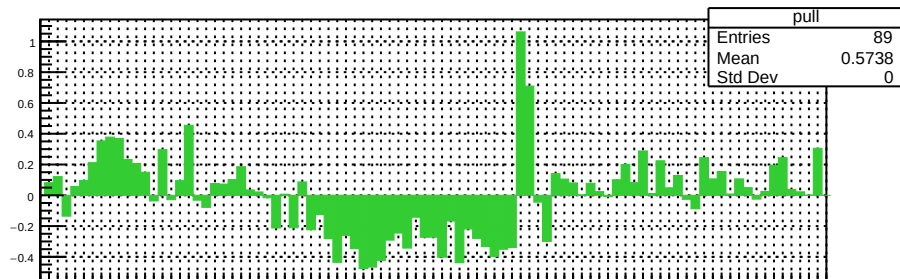
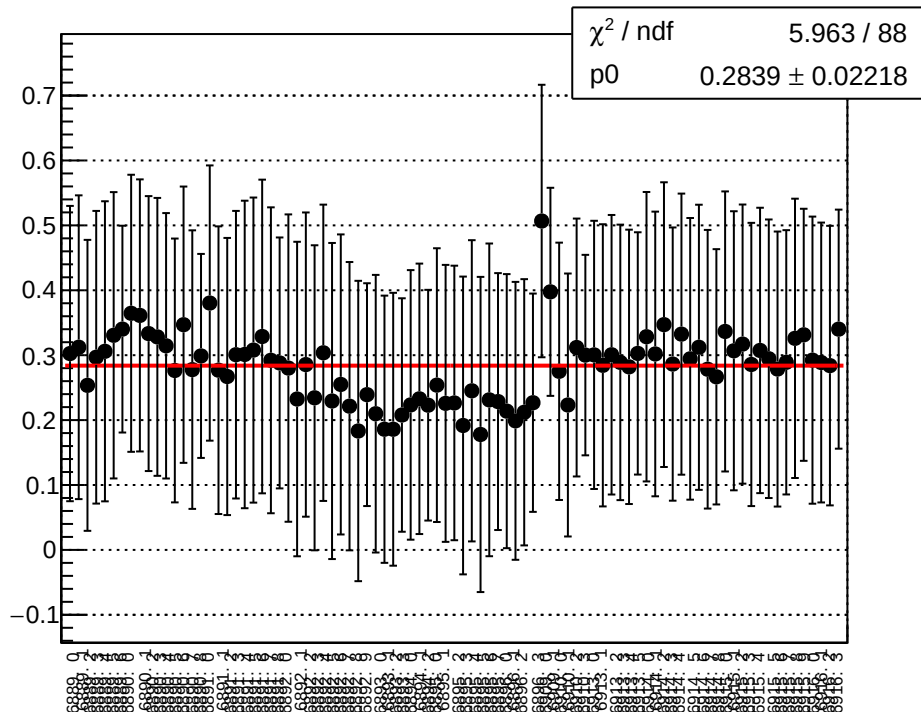
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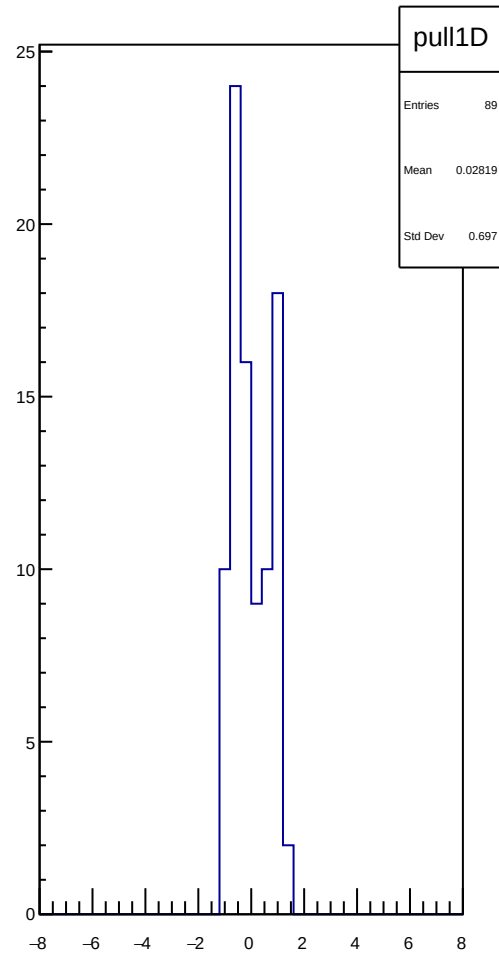
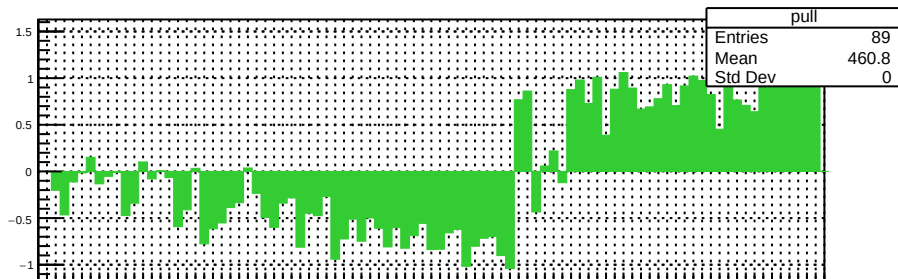
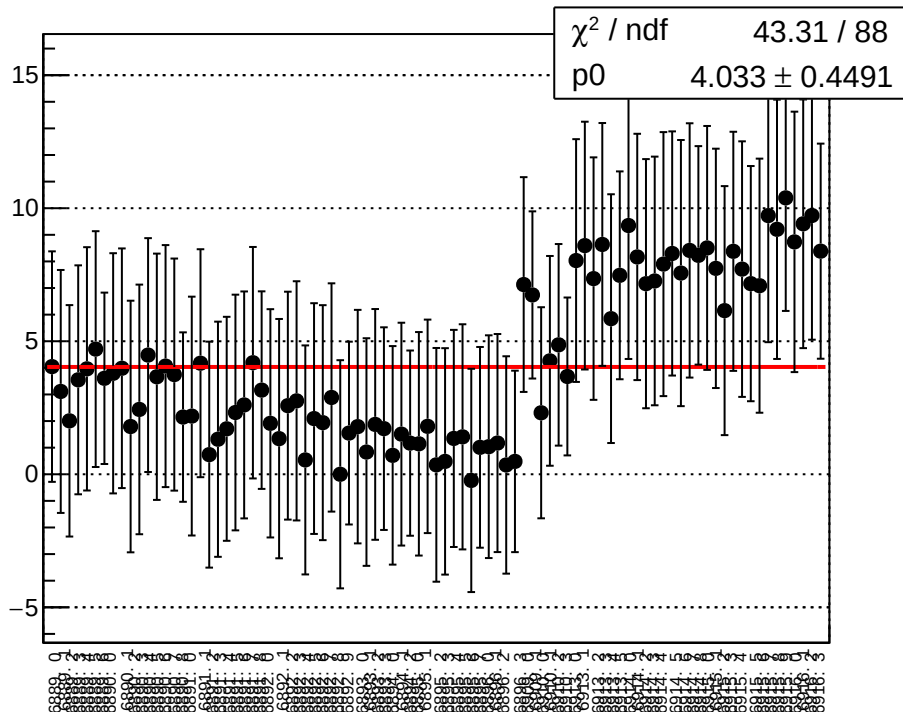
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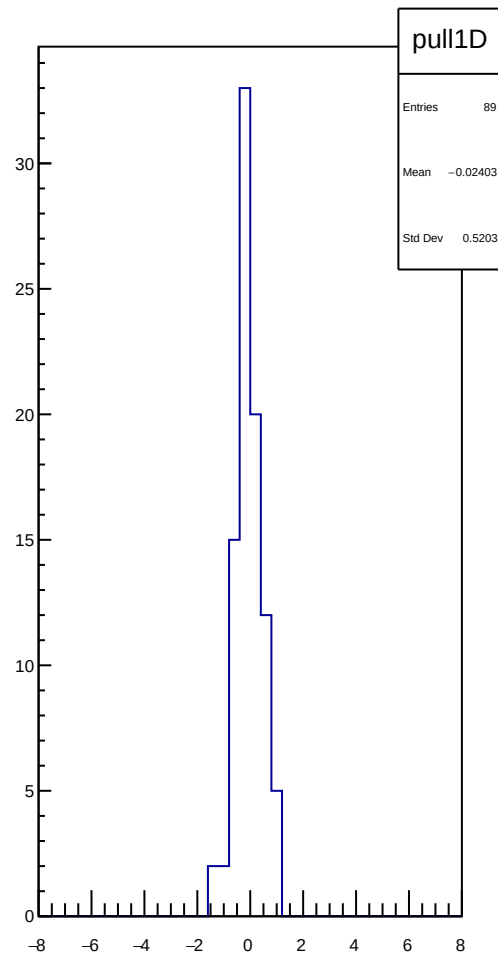
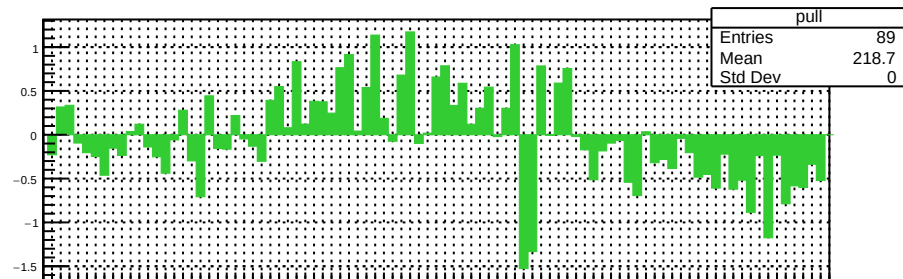
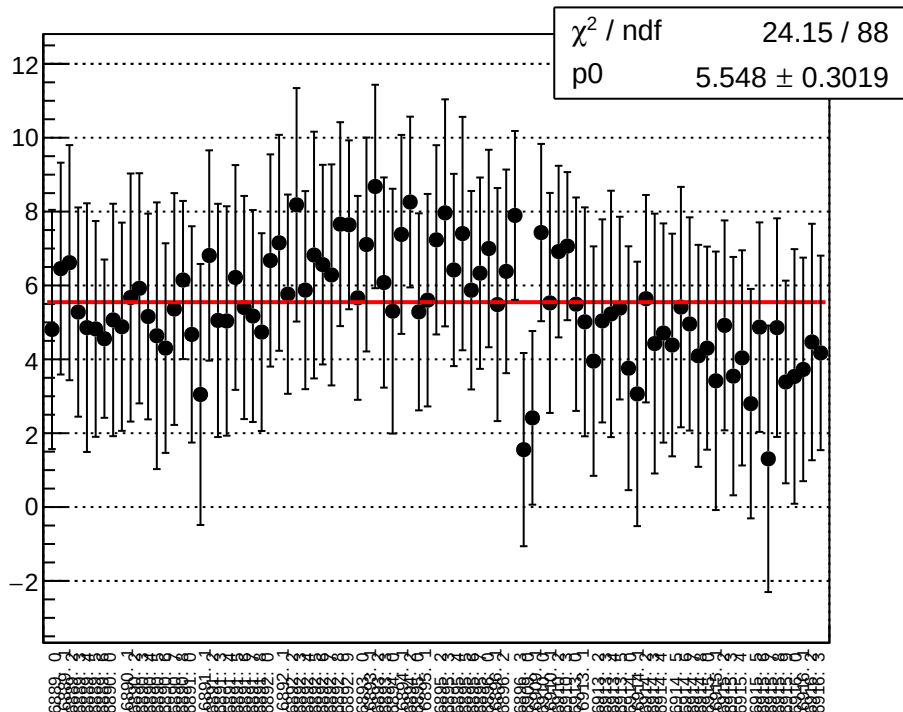
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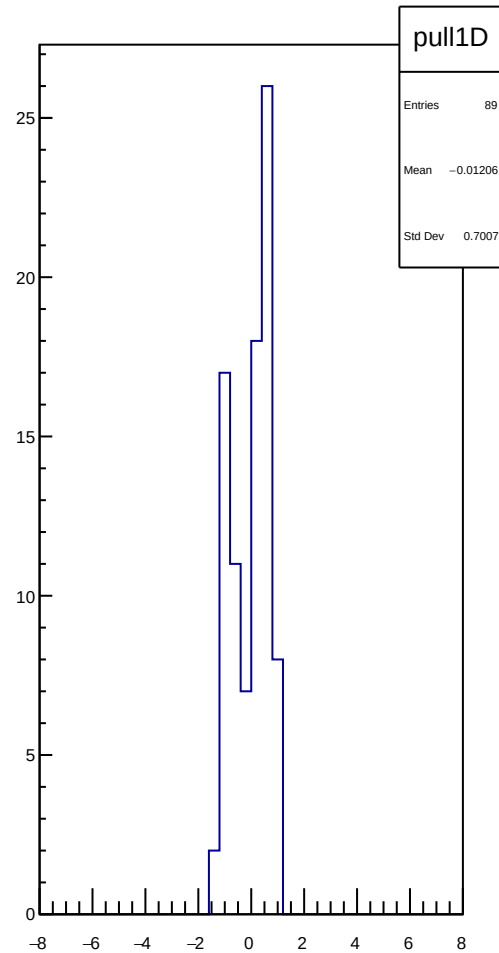
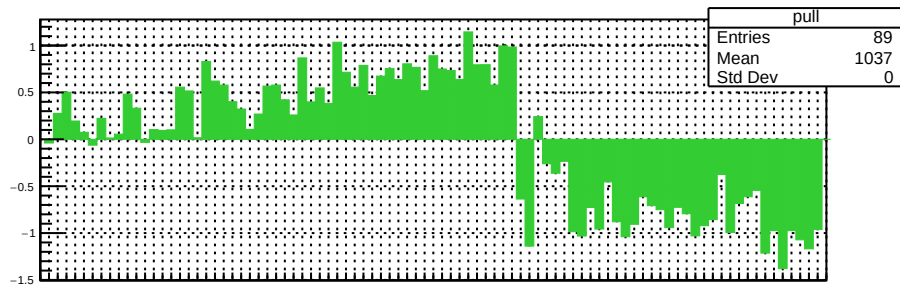
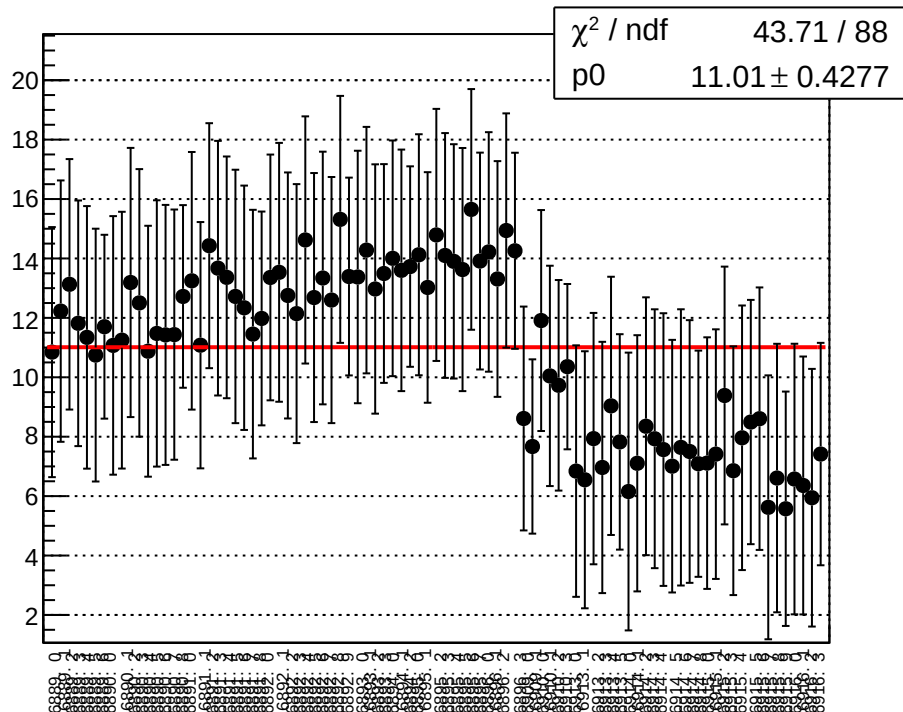
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs run



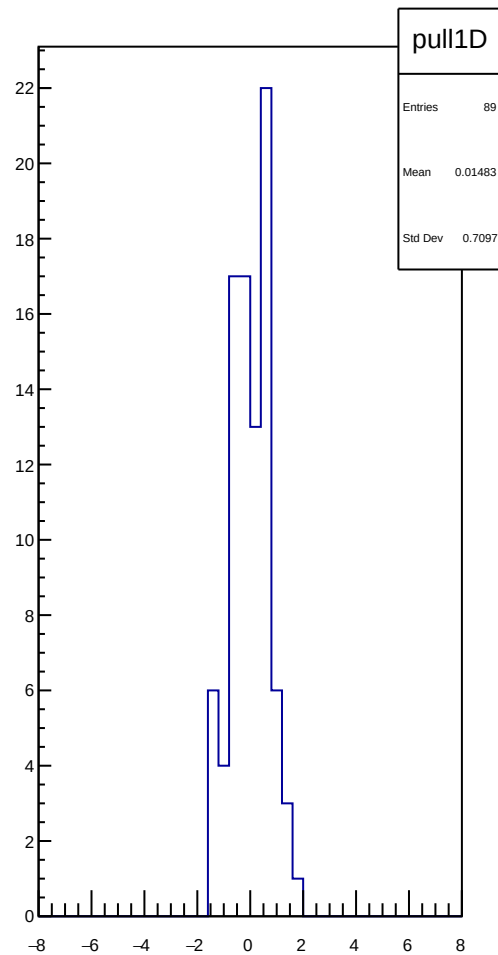
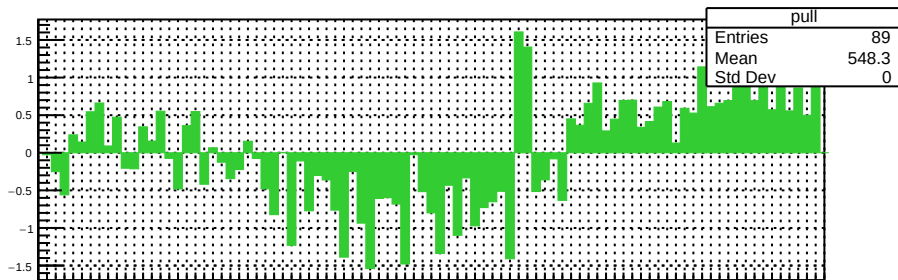
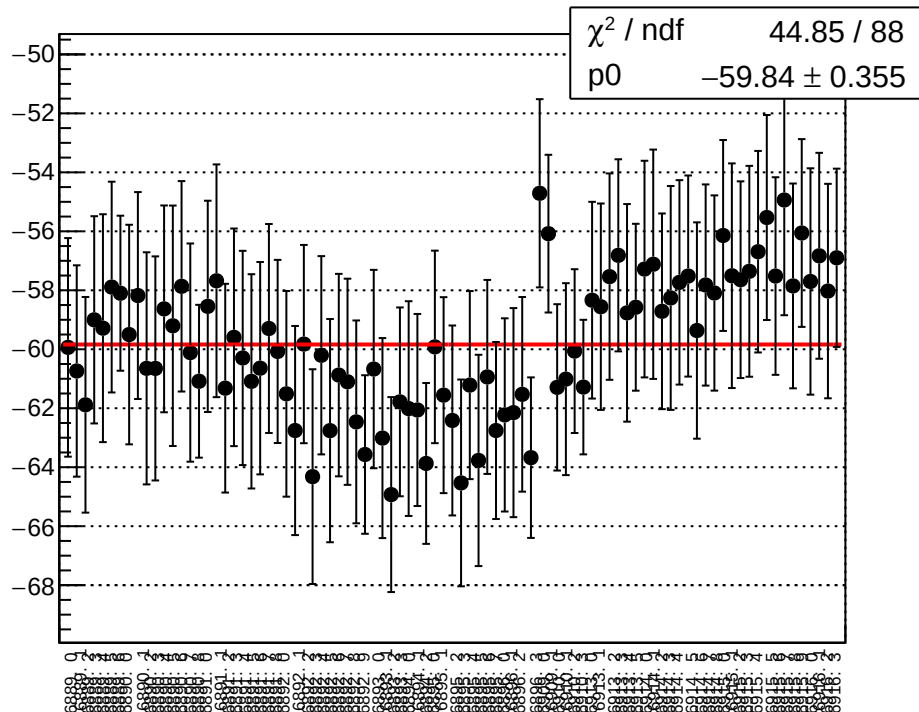
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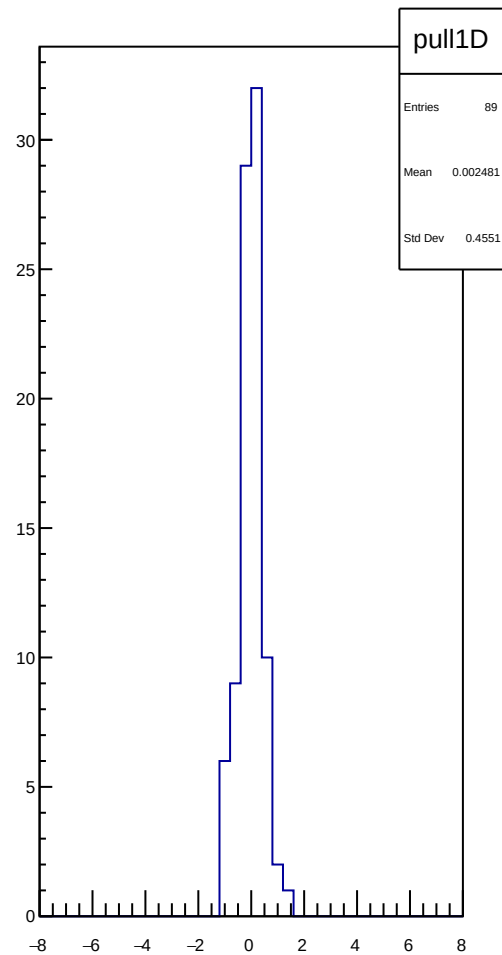
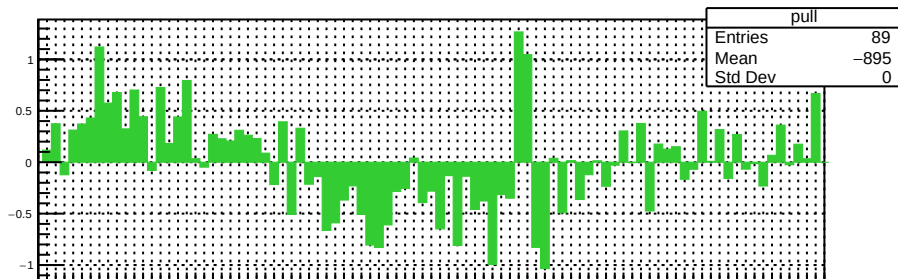
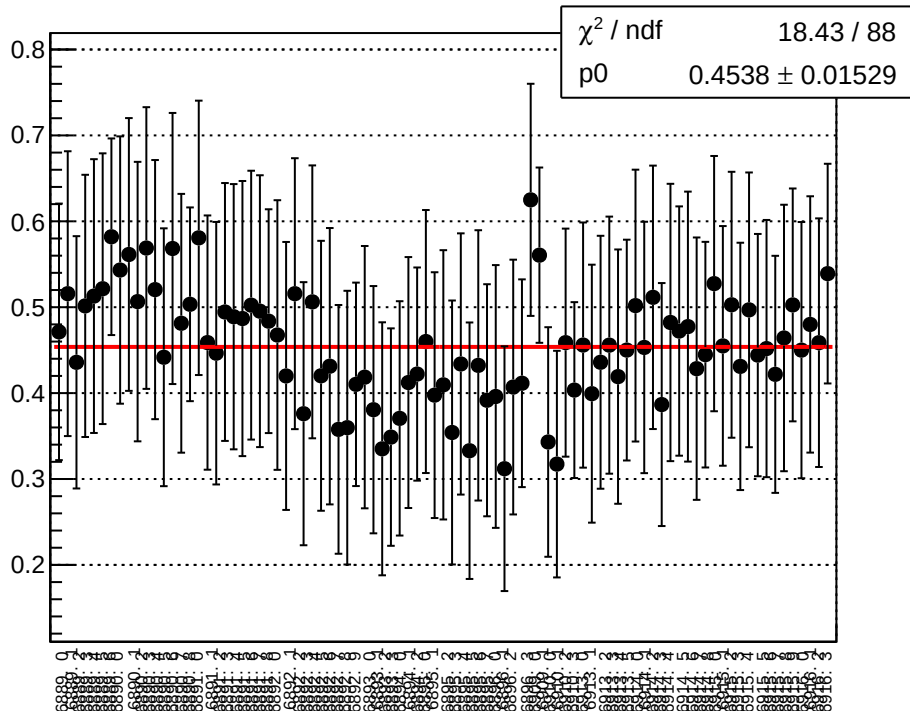
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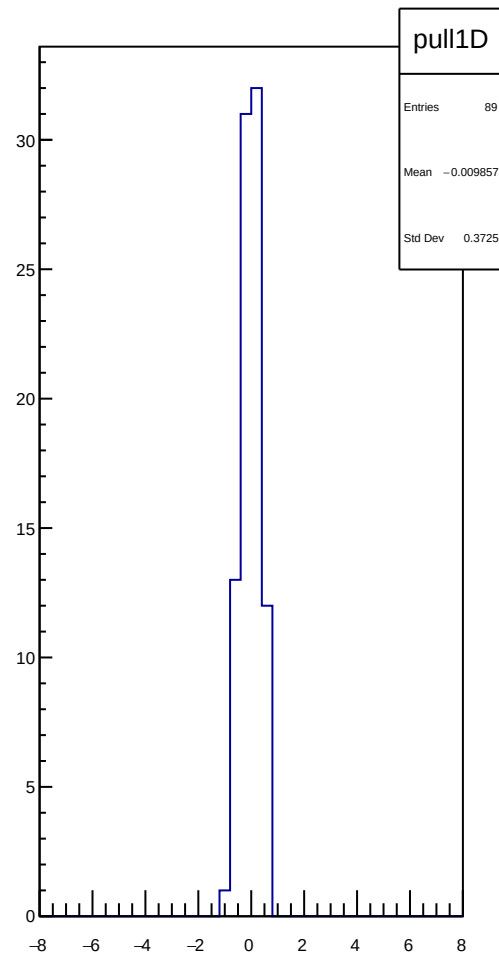
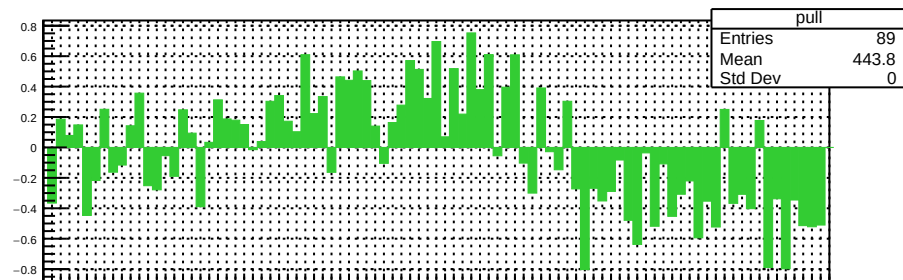
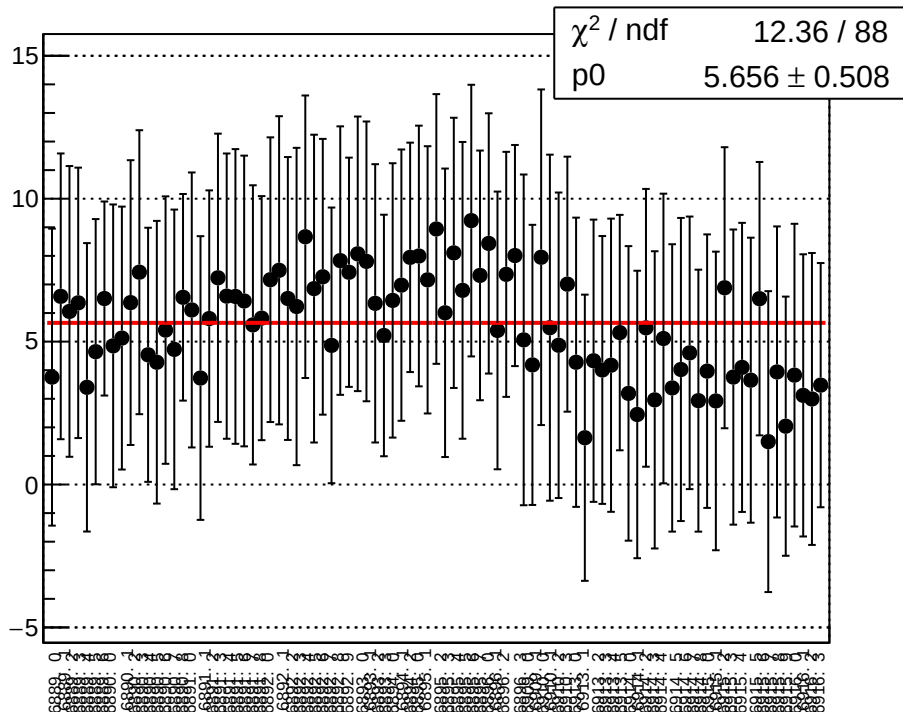
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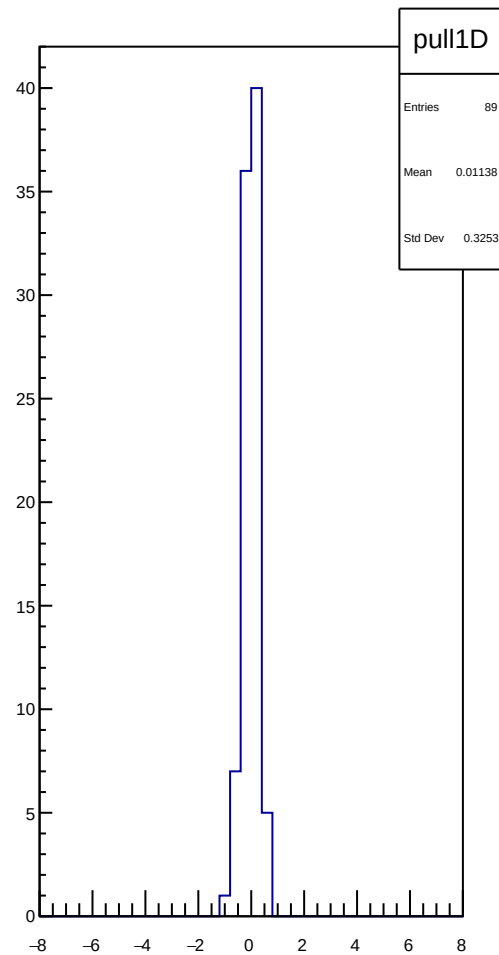
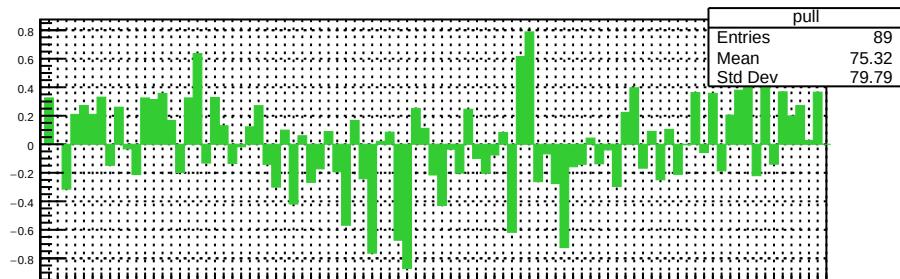
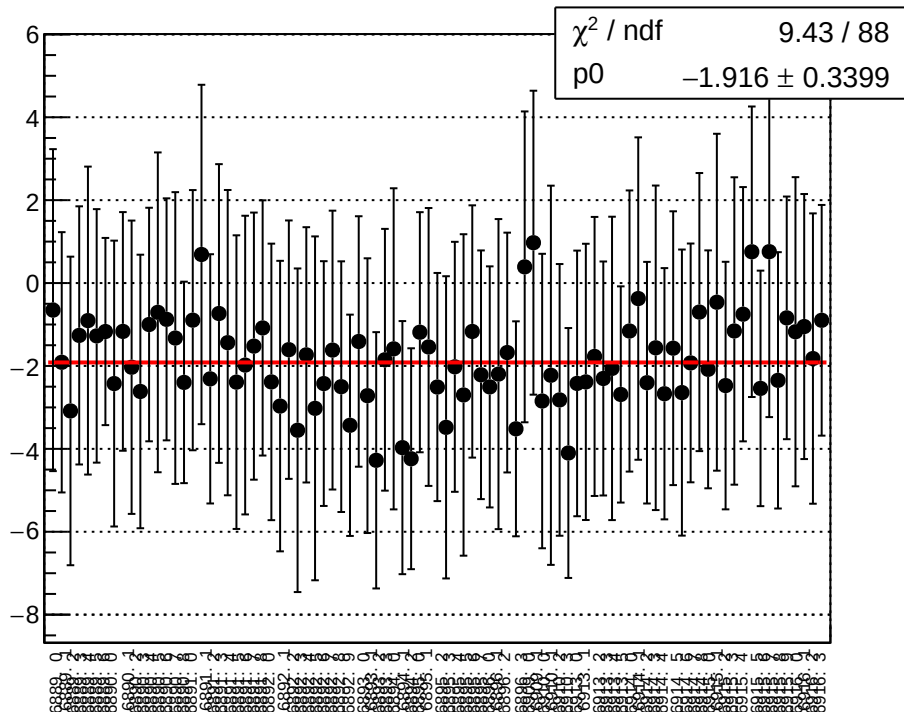
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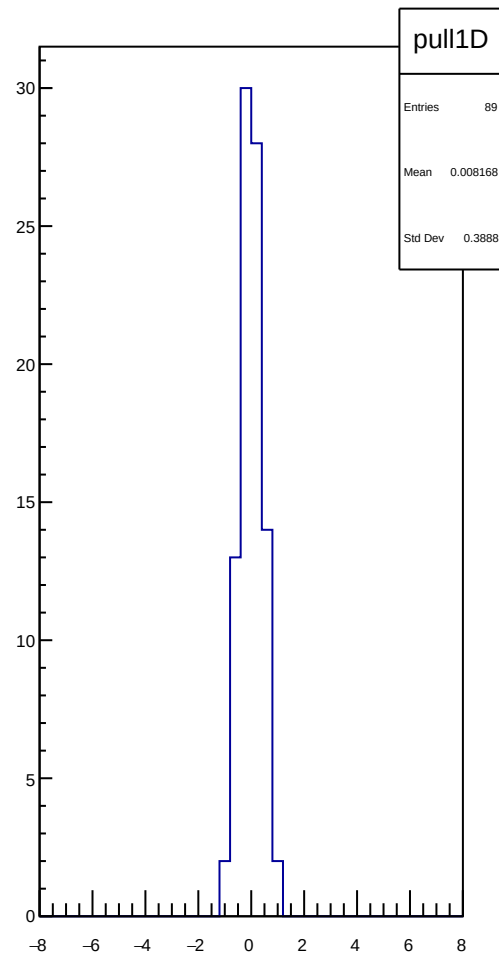
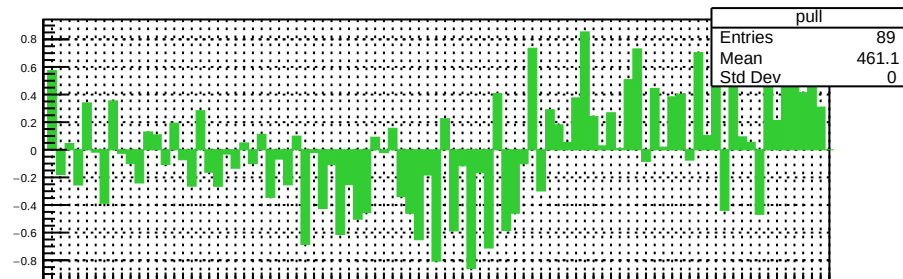
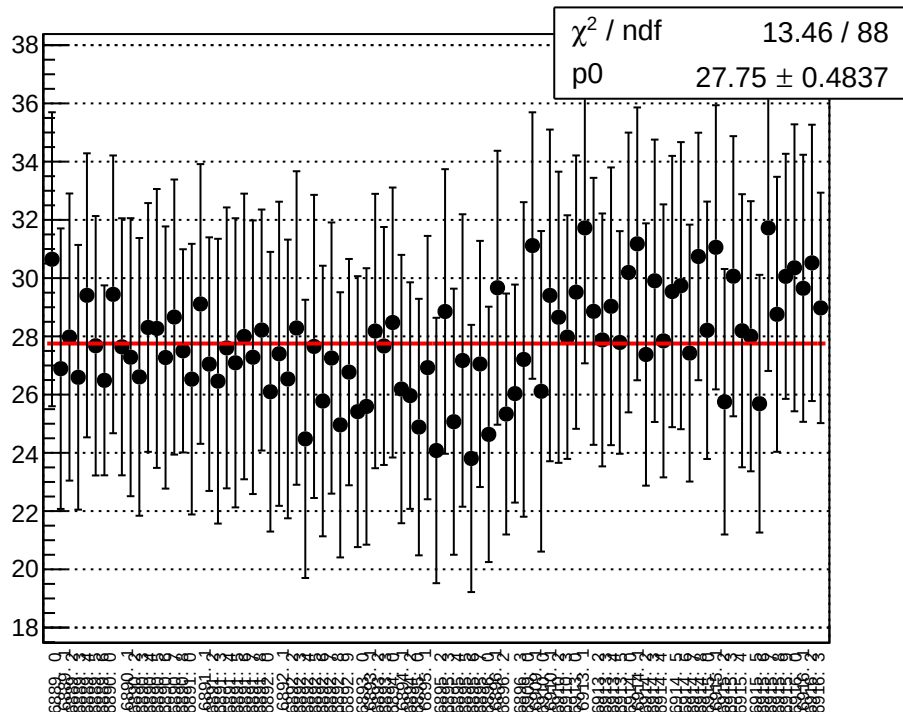
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs run



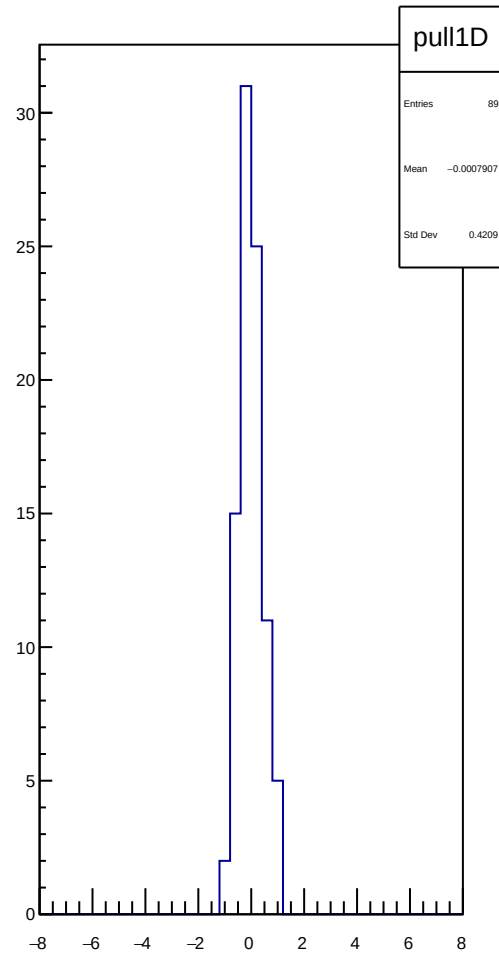
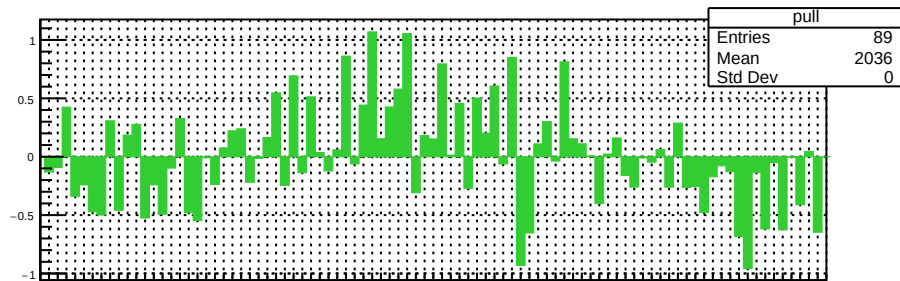
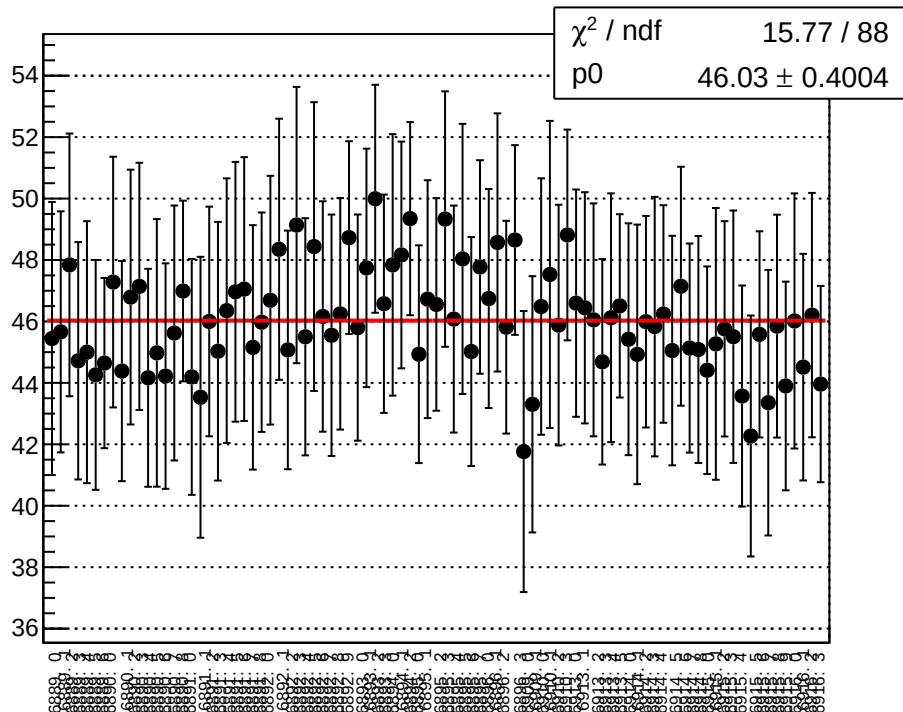
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs run



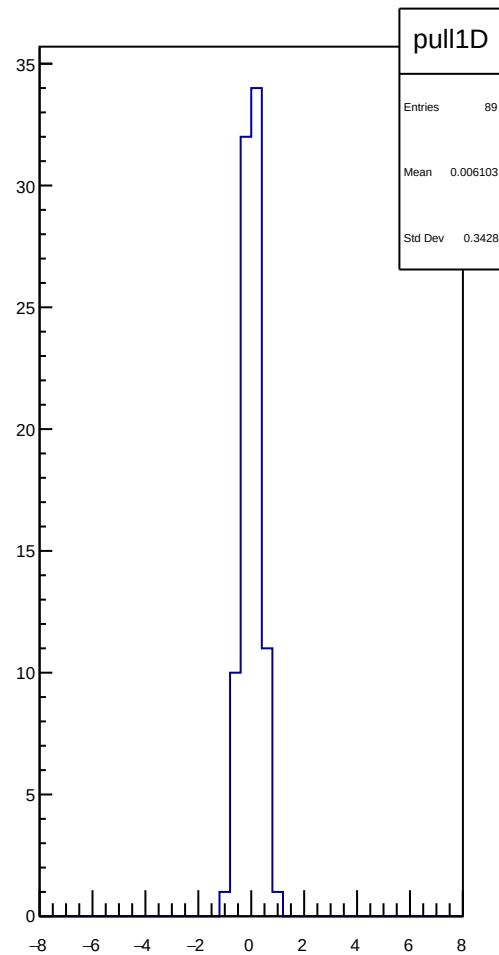
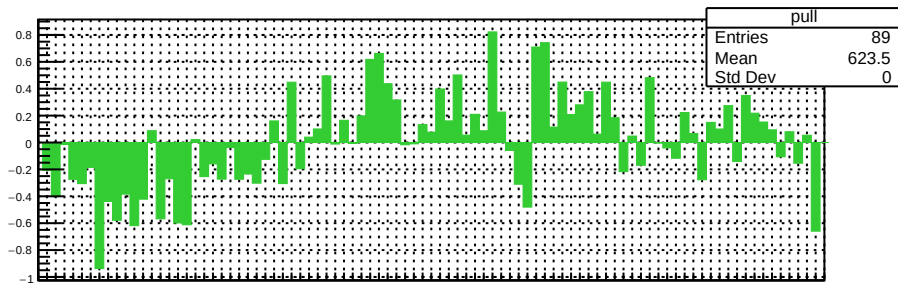
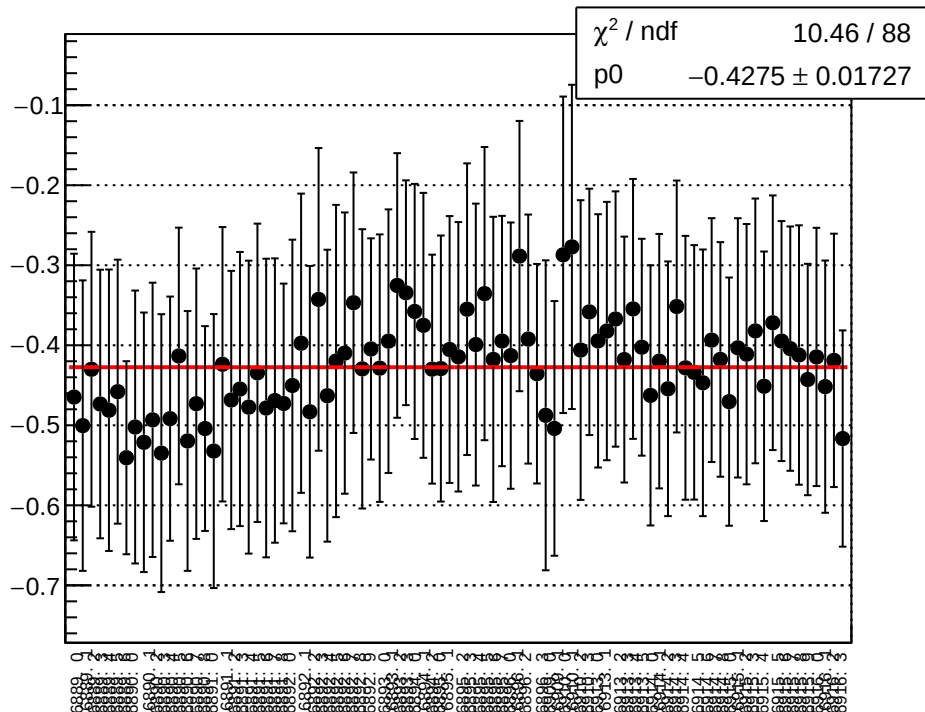
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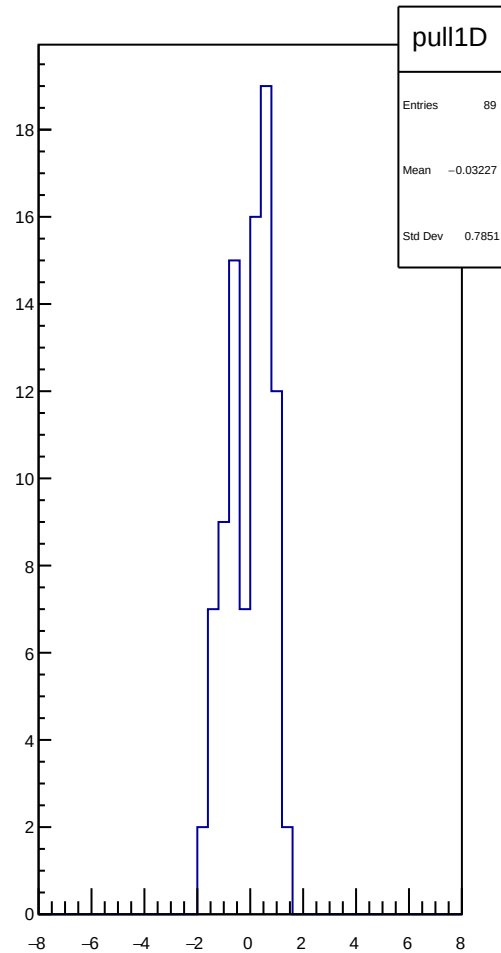
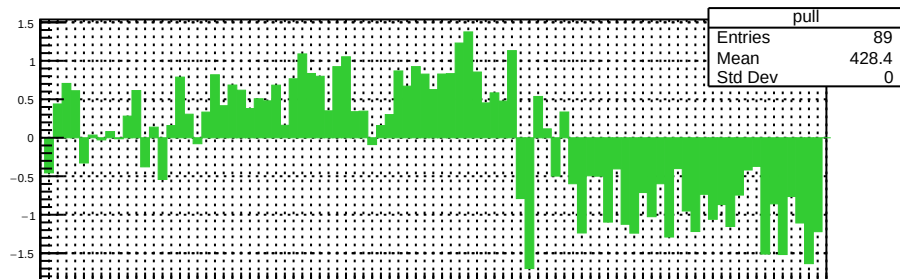
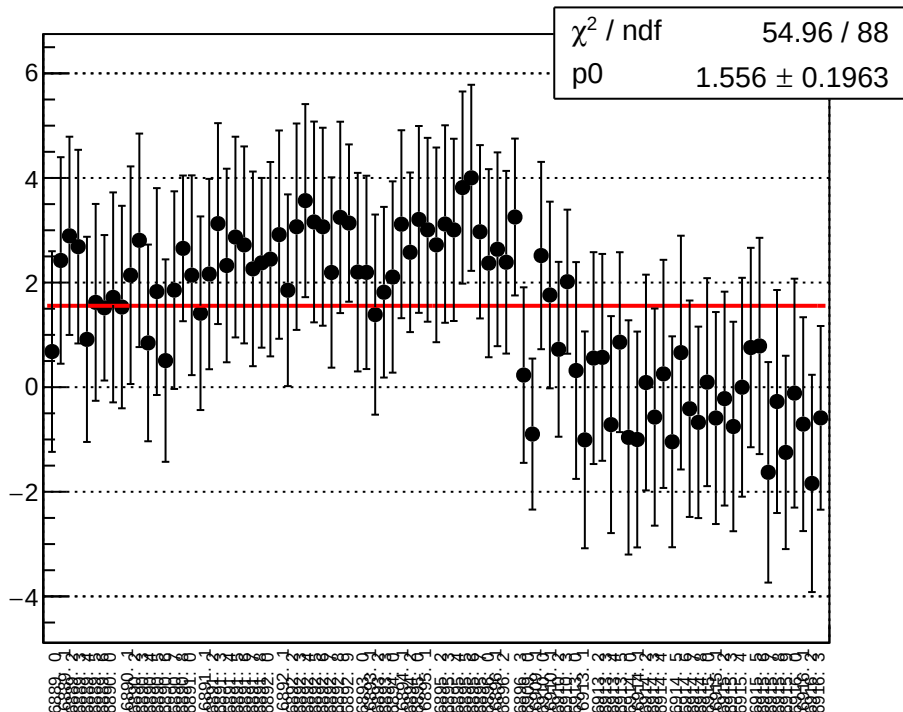
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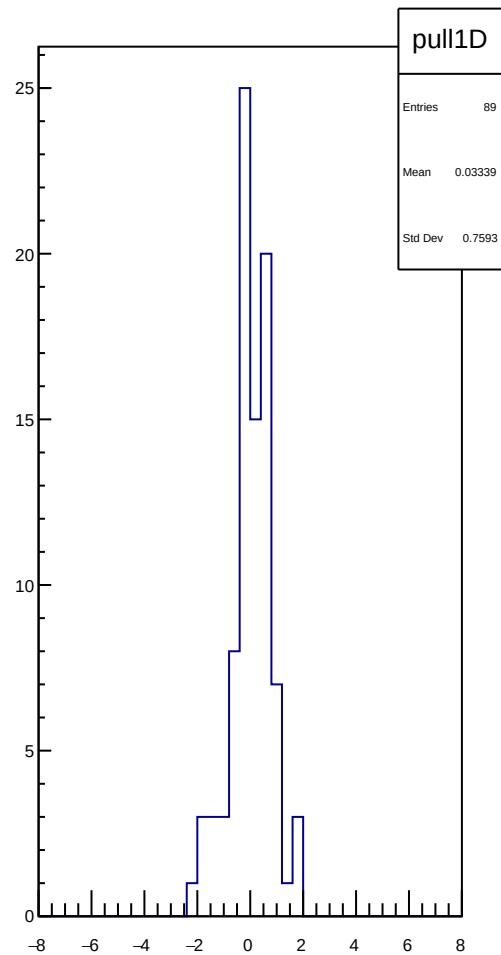
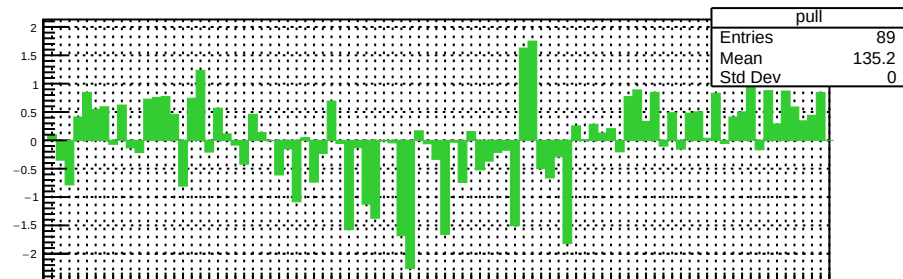
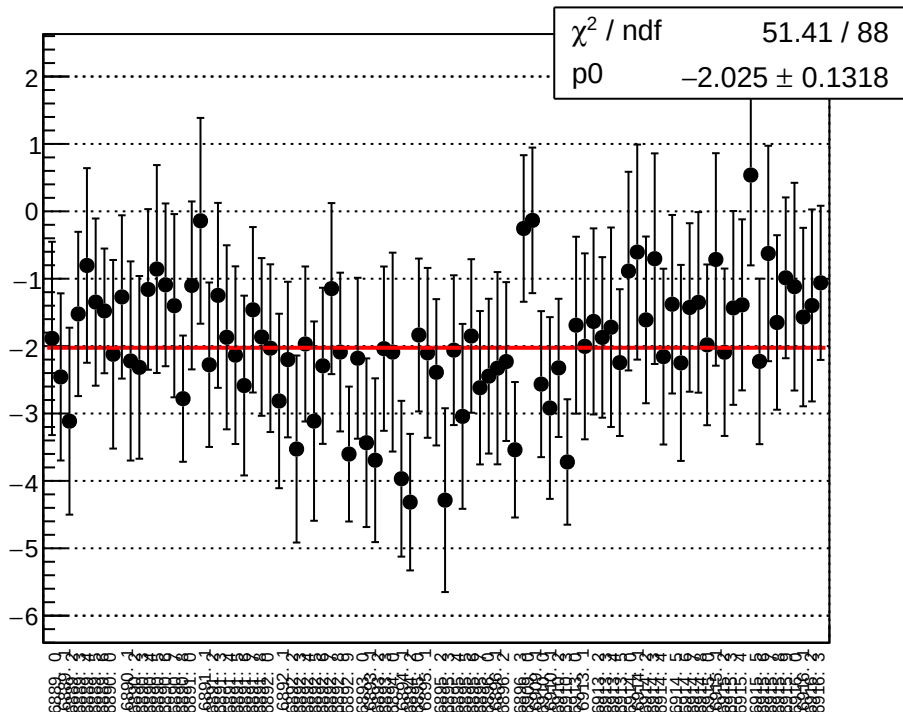
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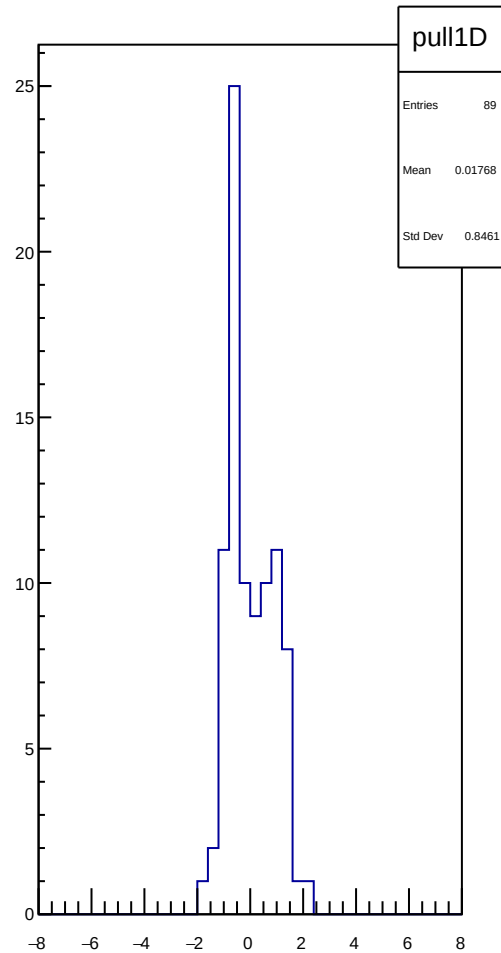
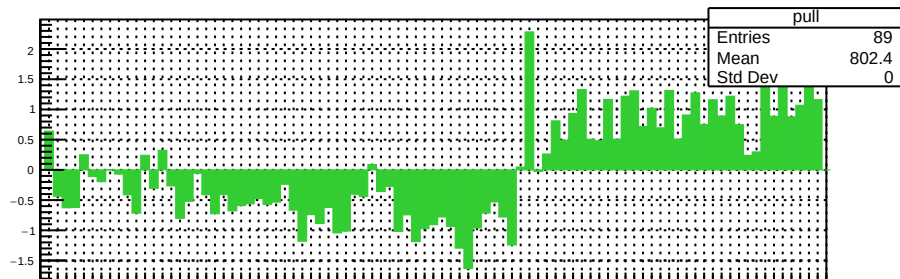
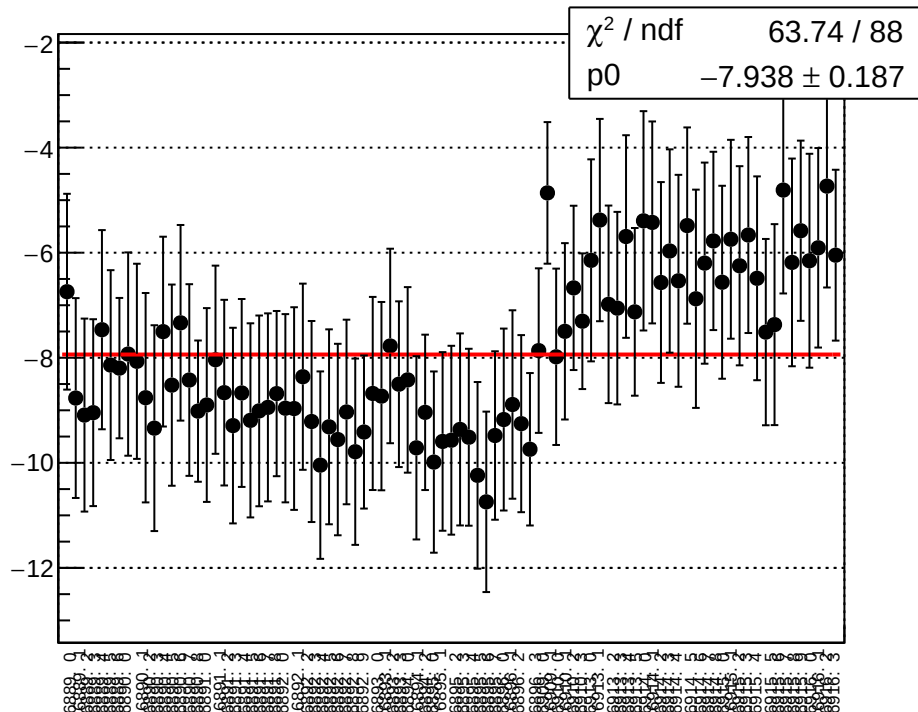
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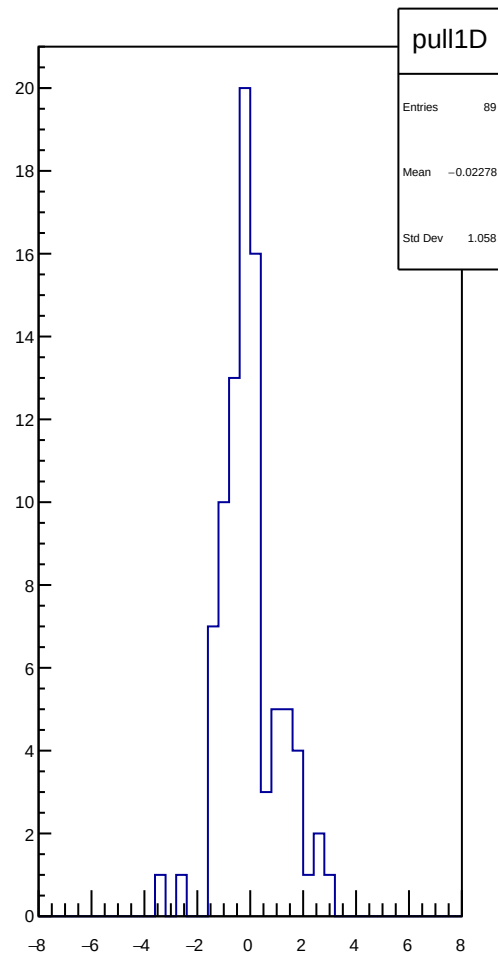
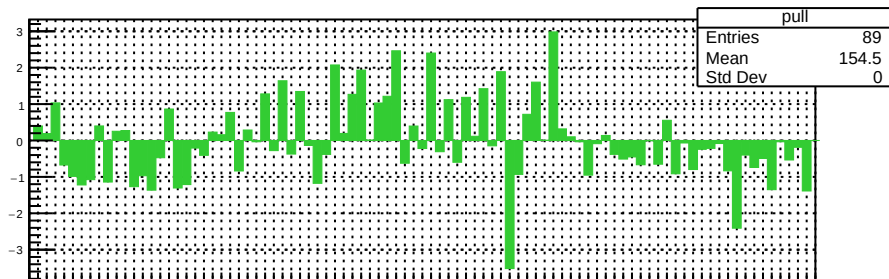
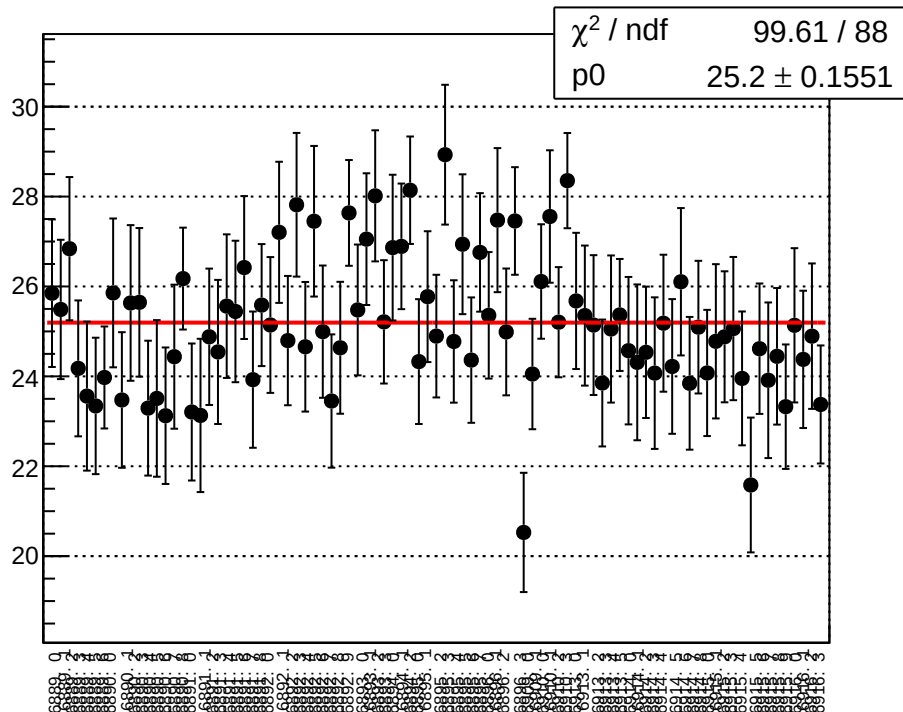
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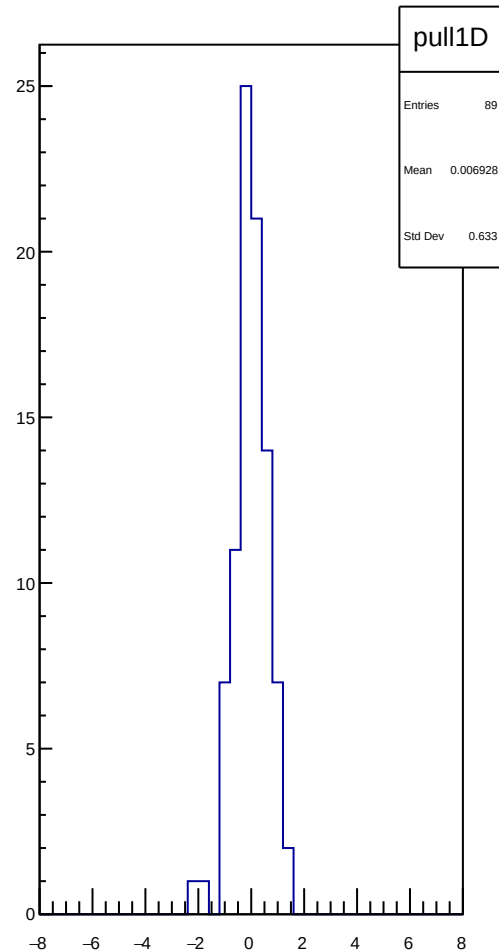
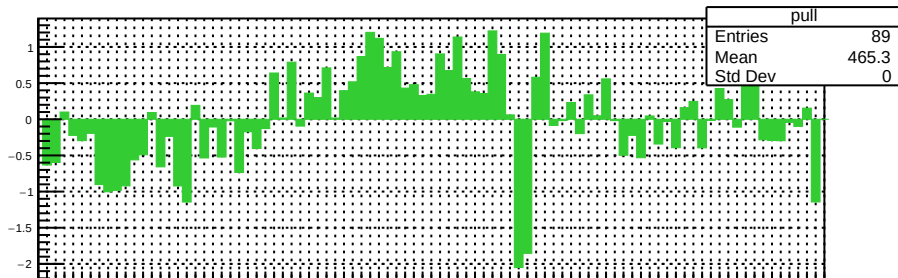
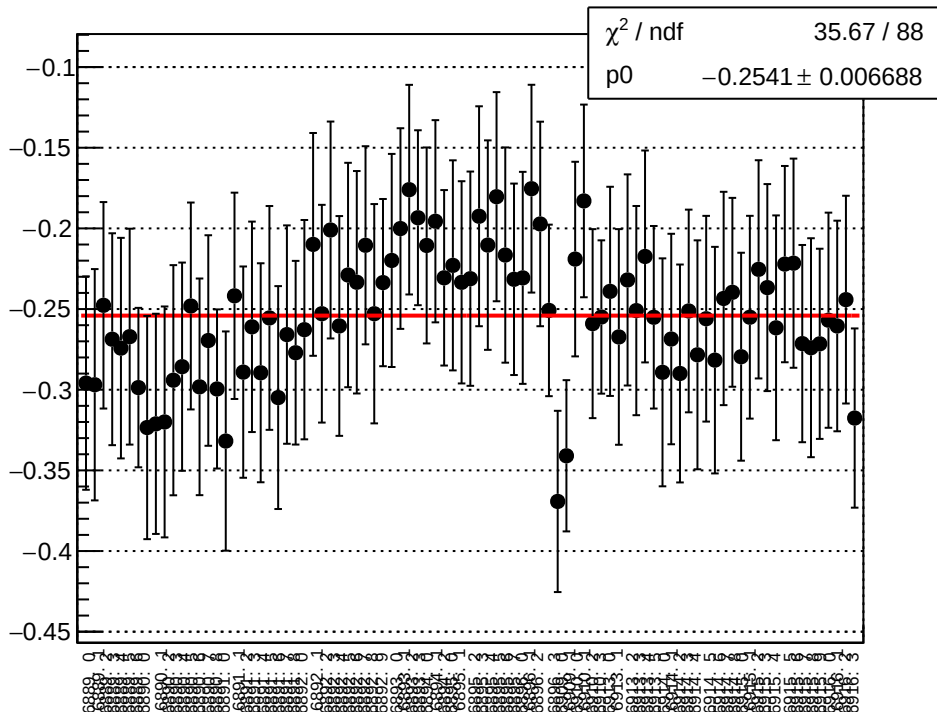
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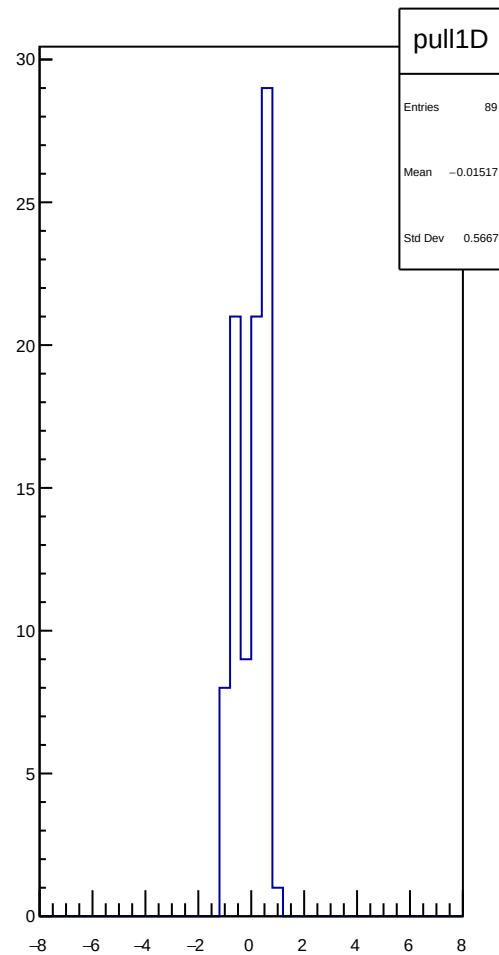
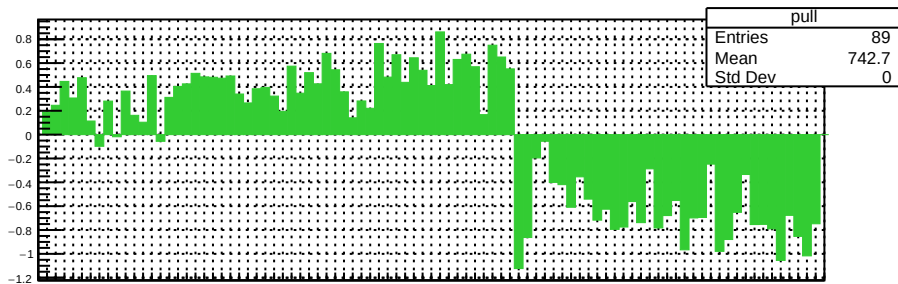
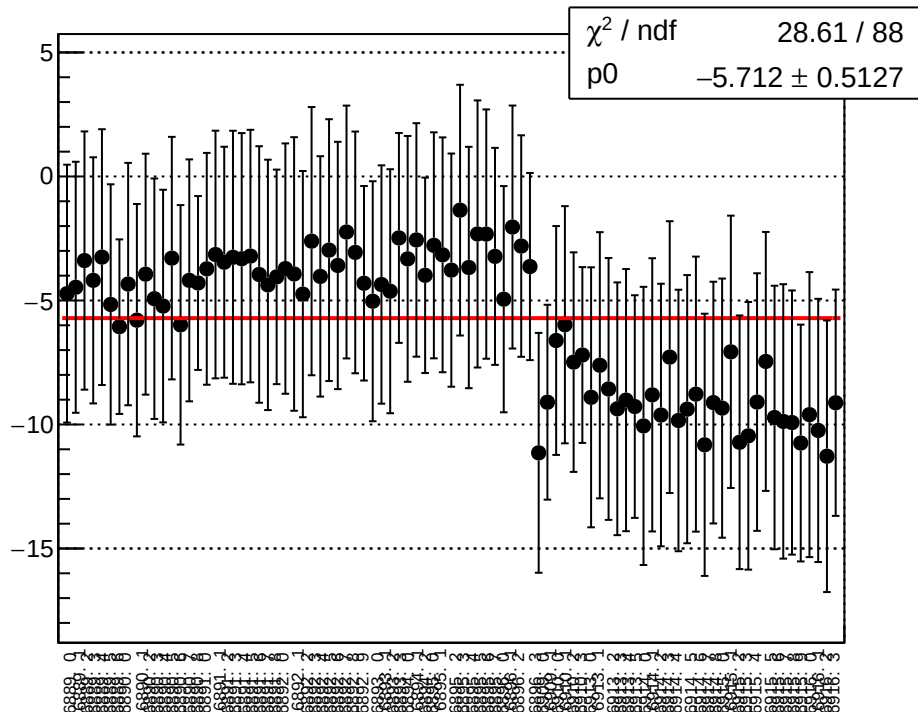
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs run



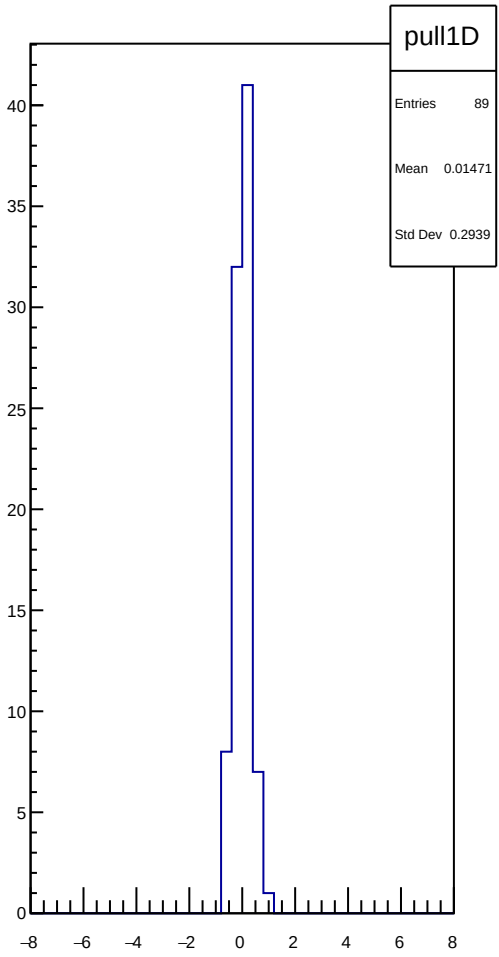
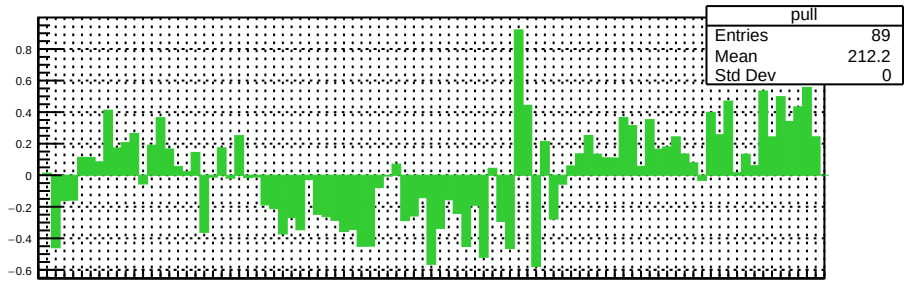
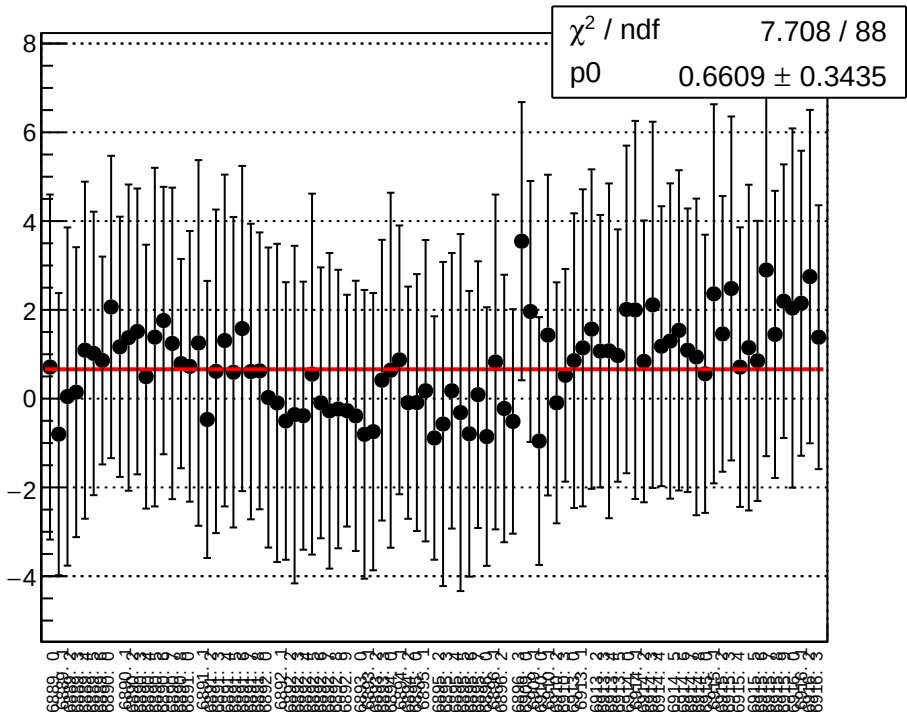
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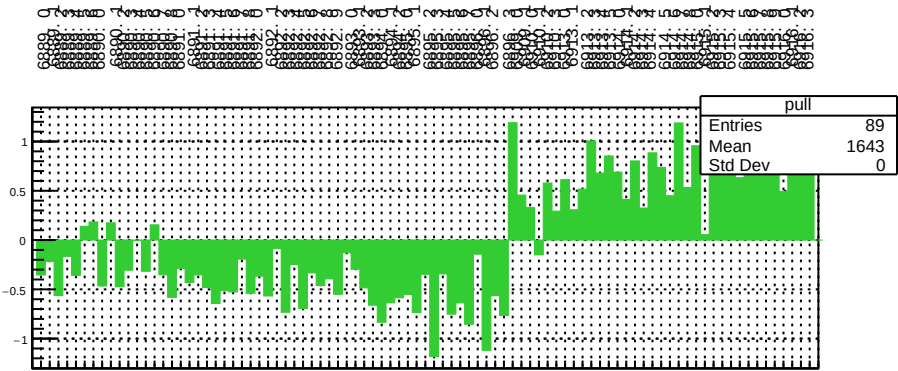
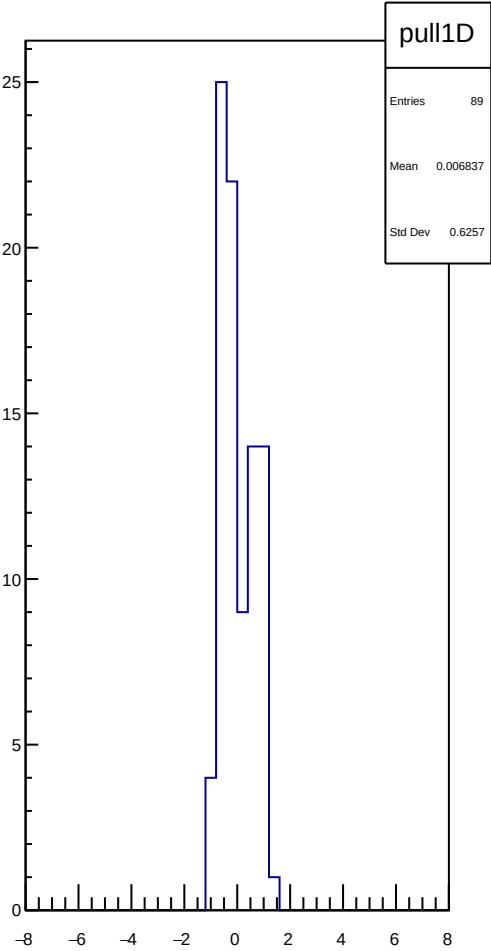
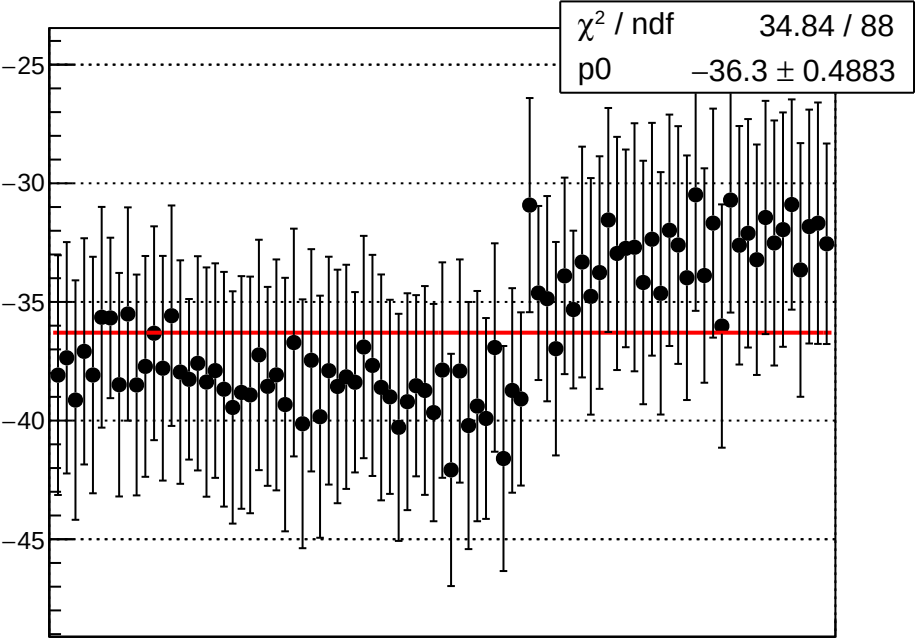
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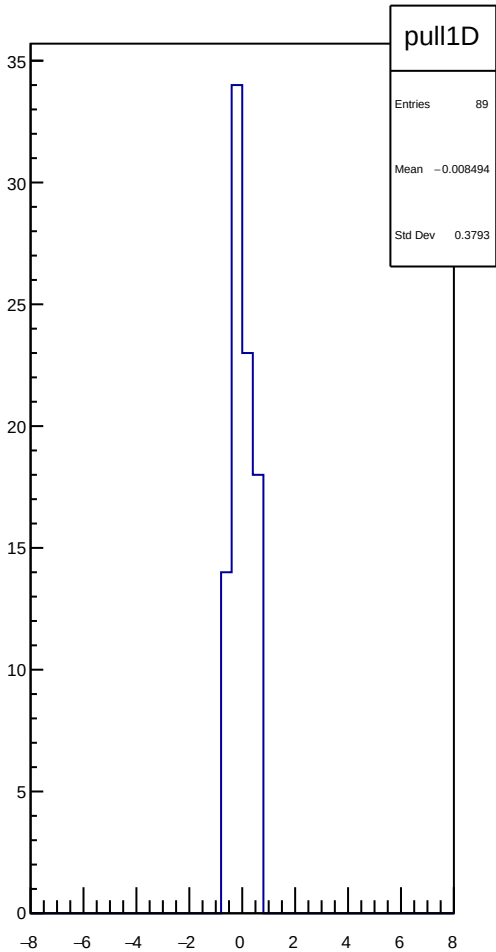
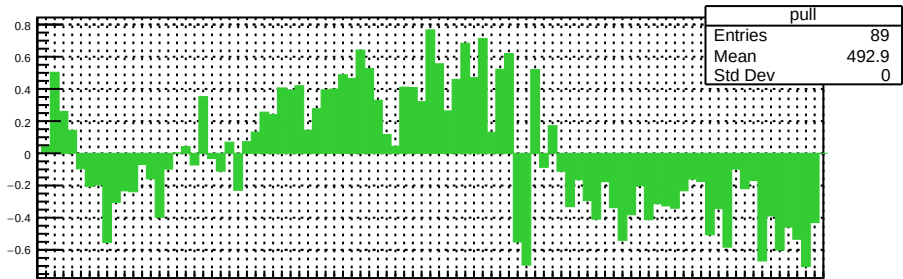
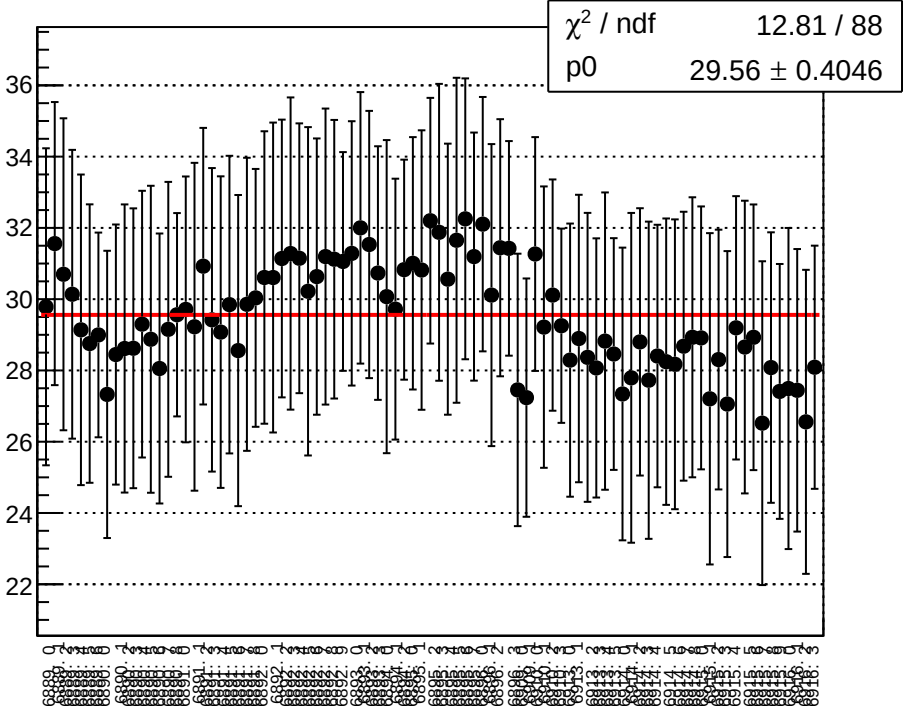
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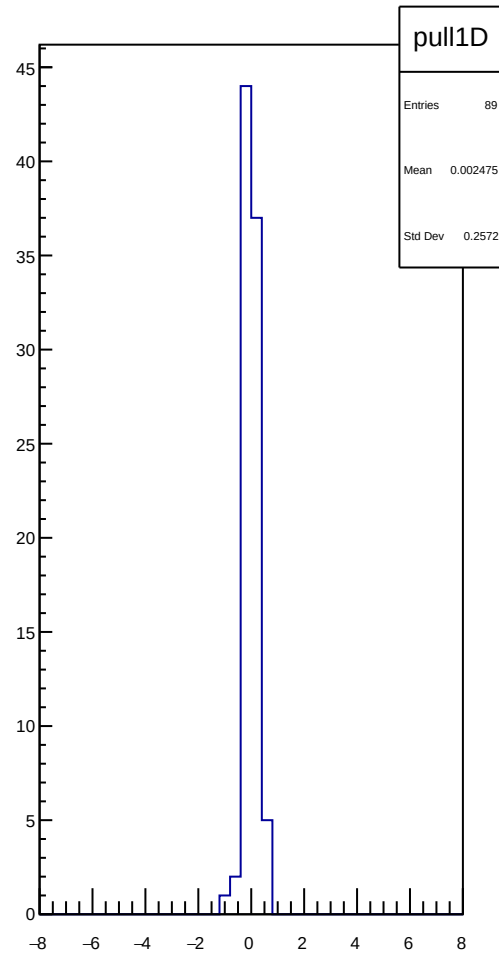
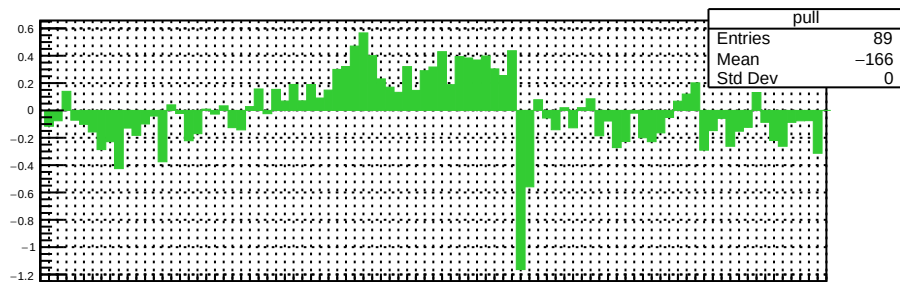
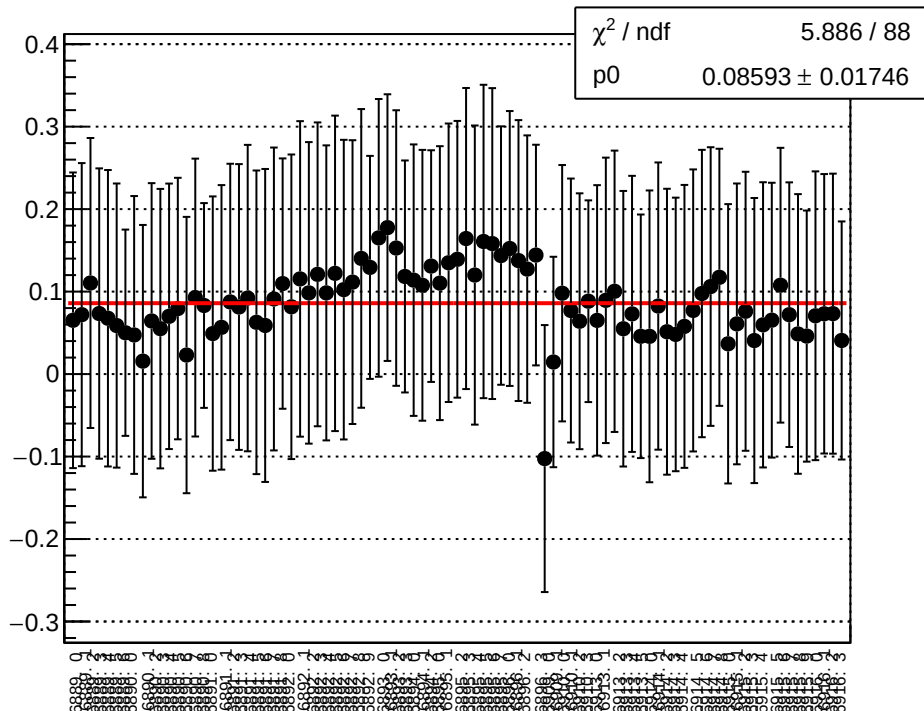
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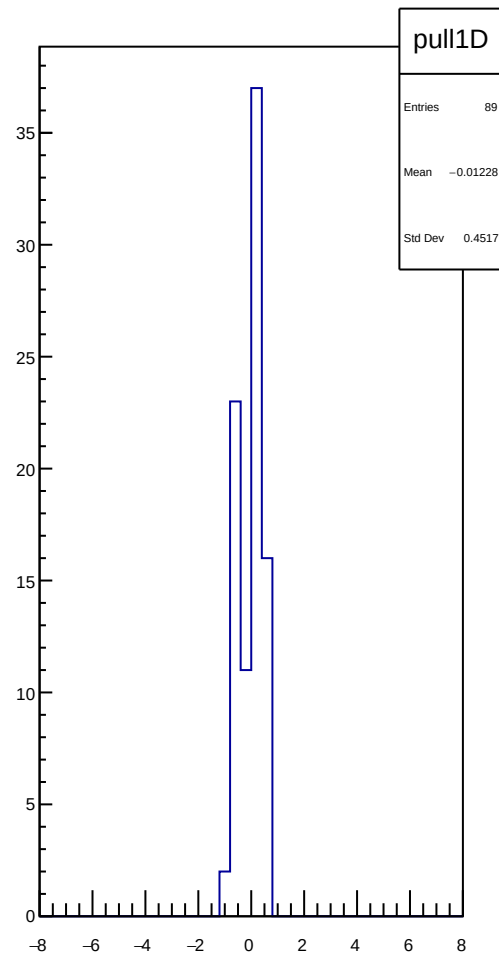
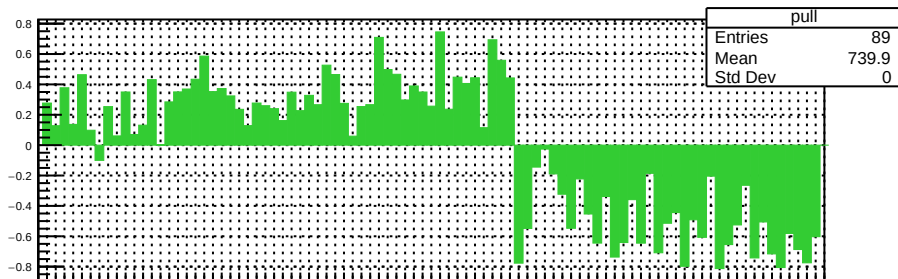
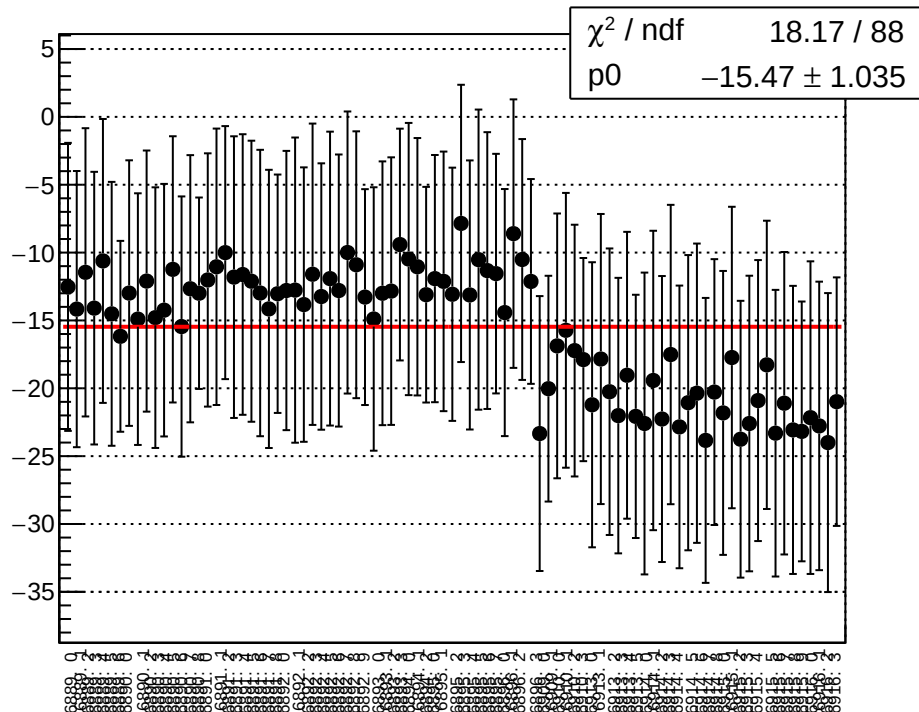
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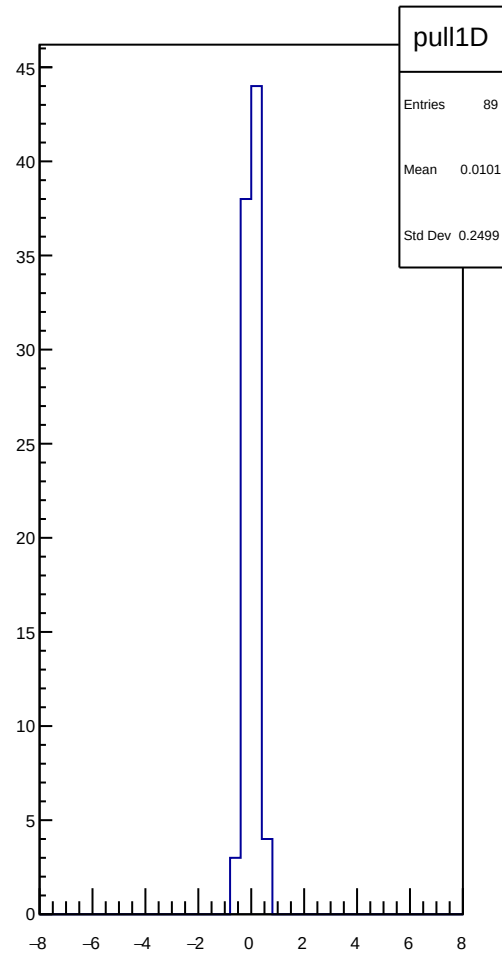
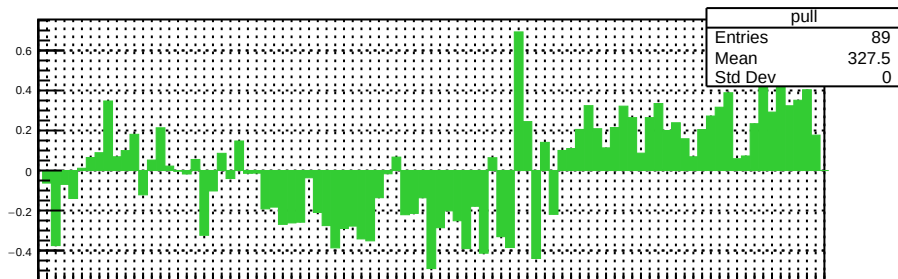
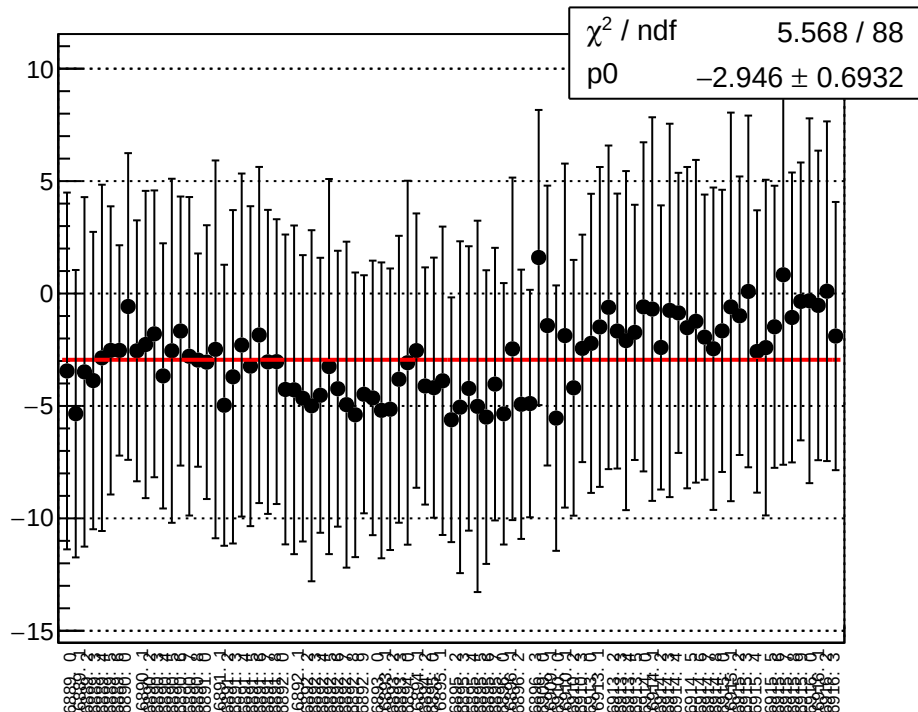
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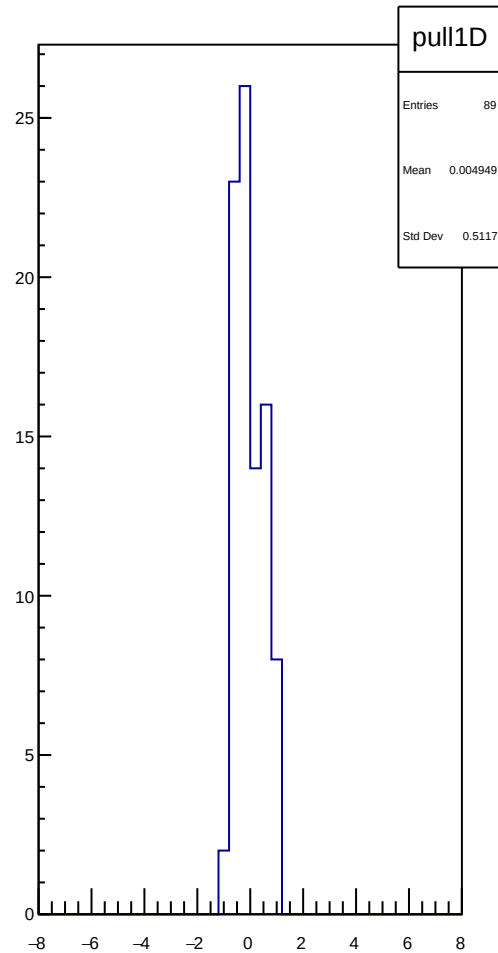
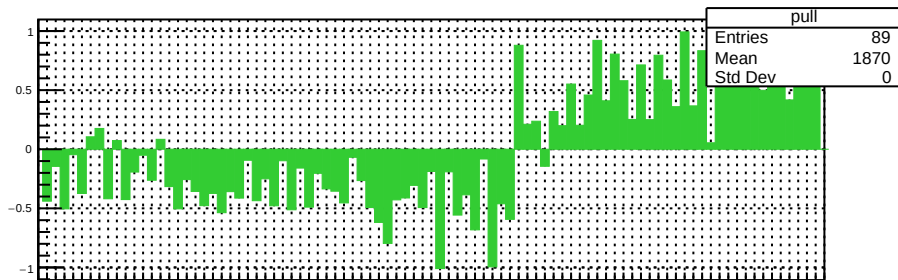
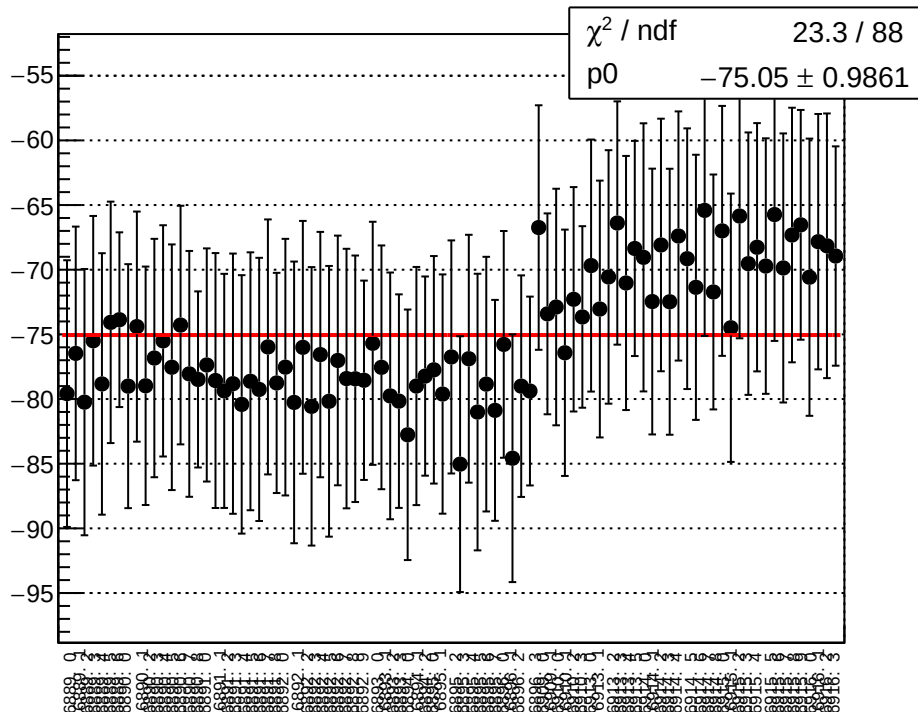
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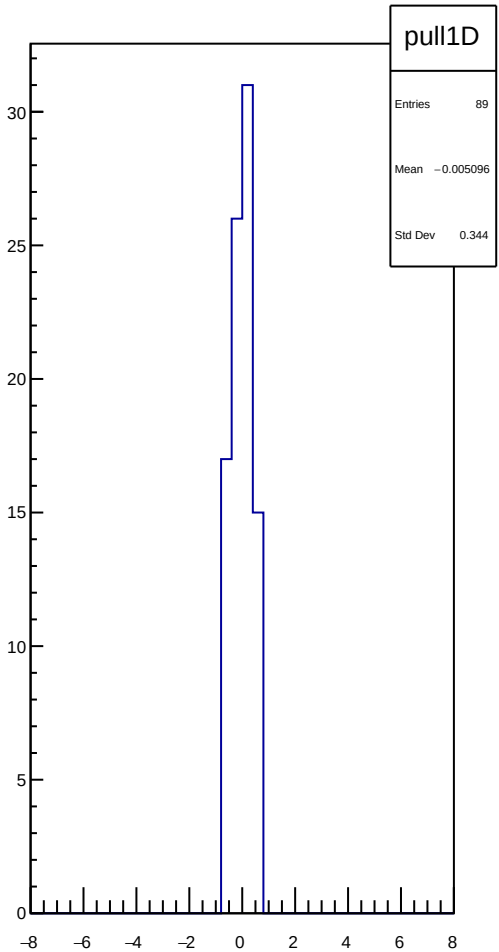
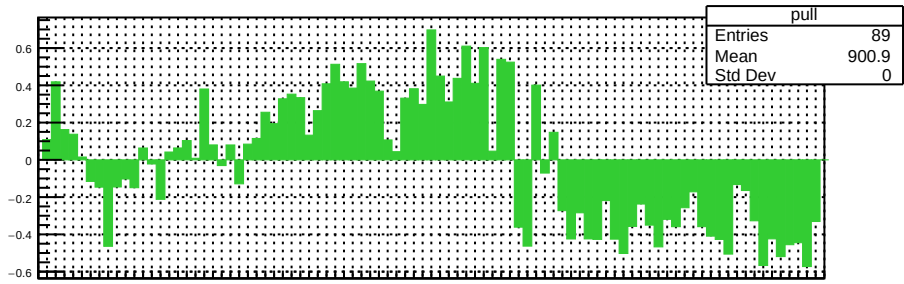
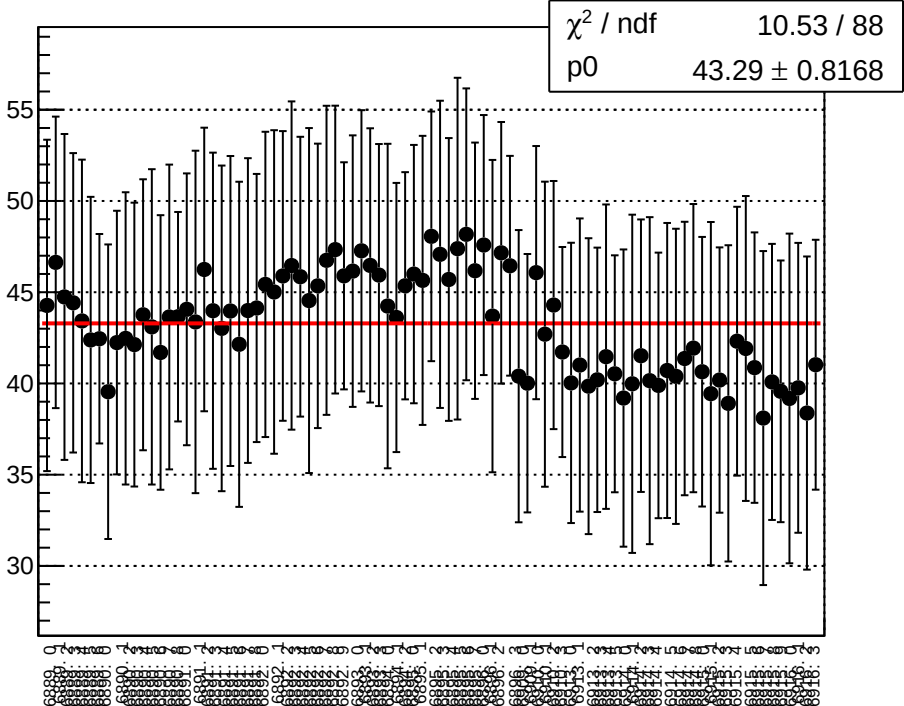
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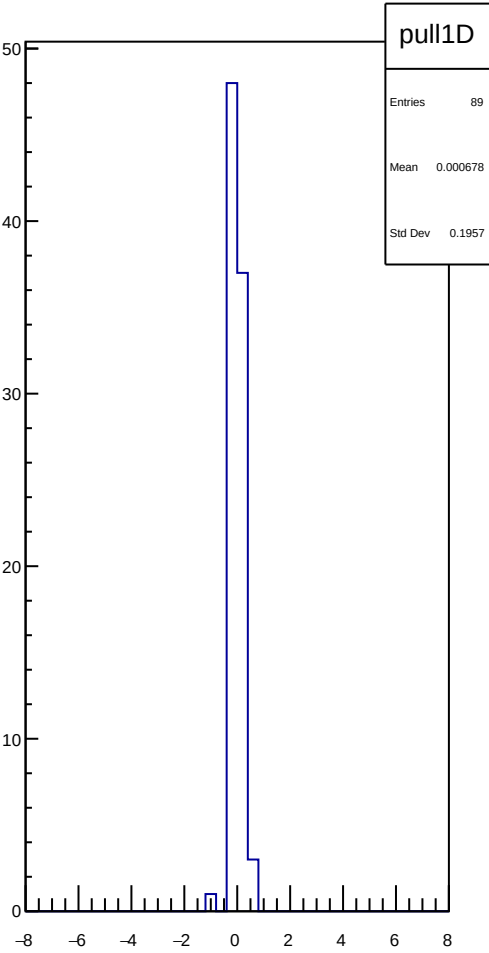
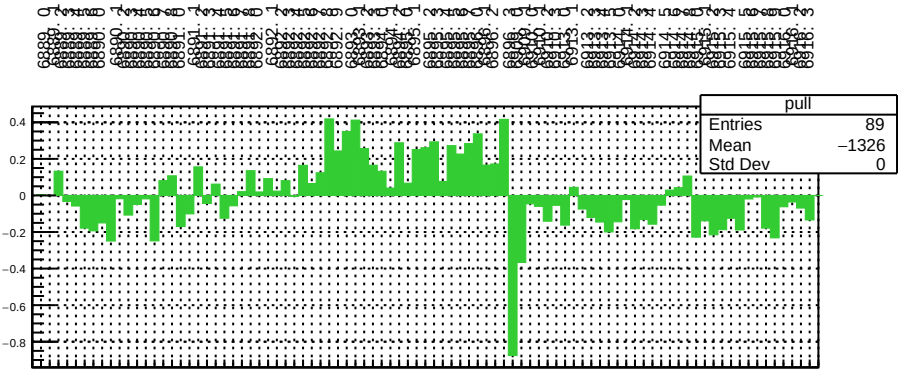
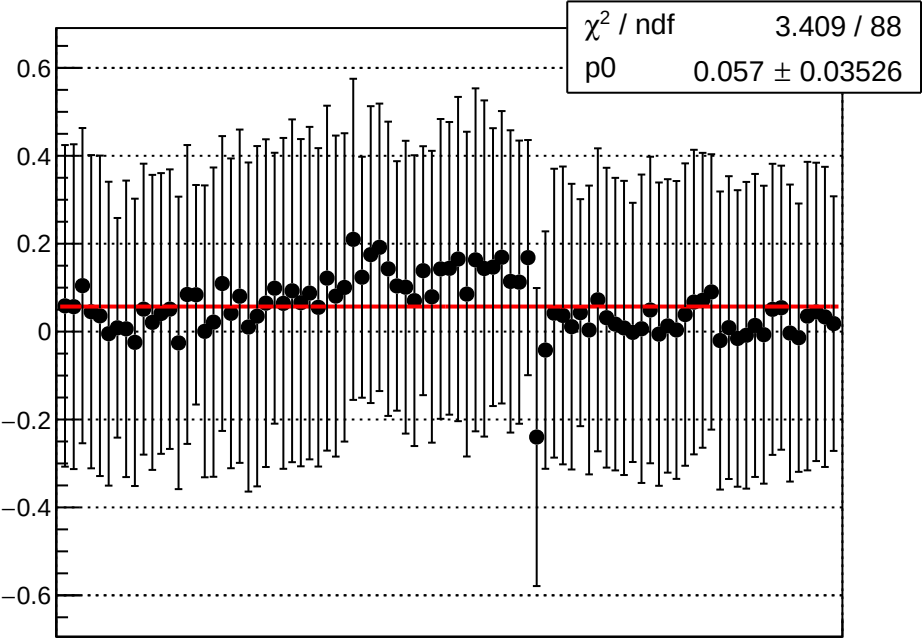
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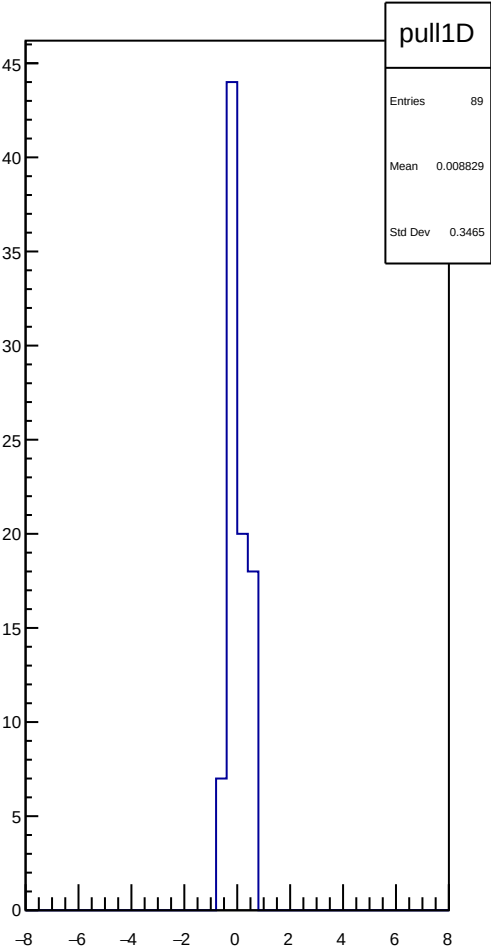
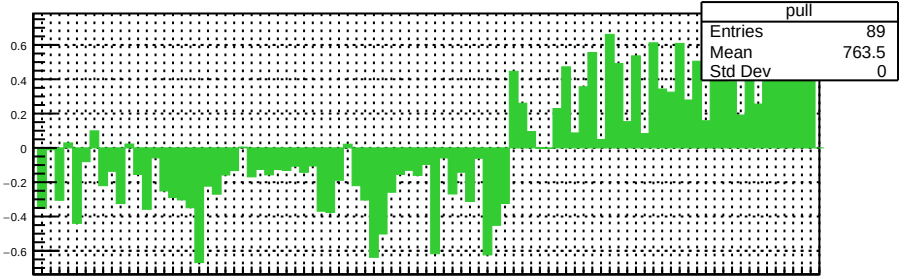
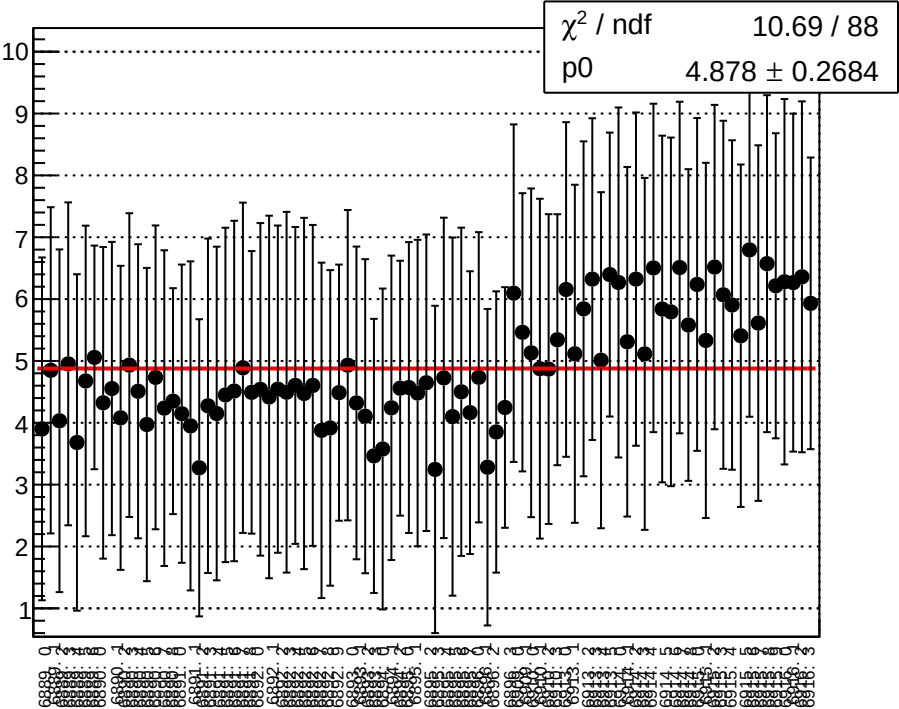
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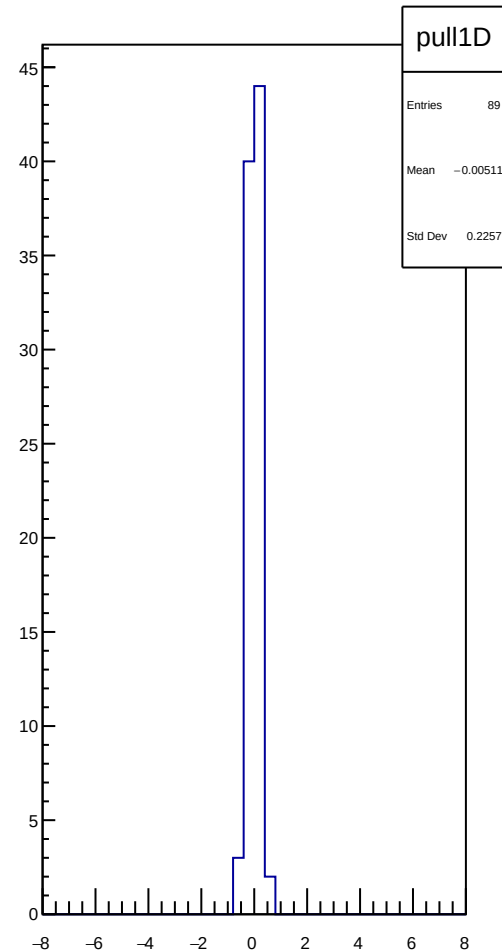
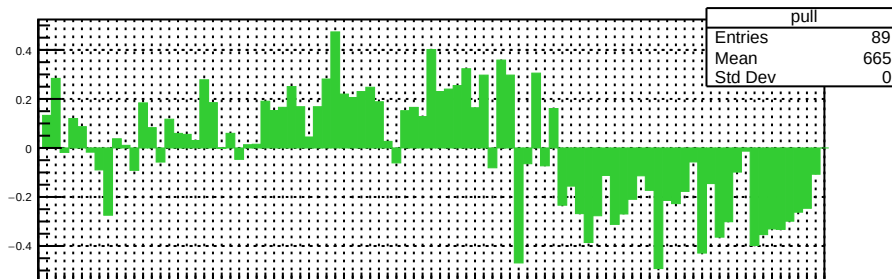
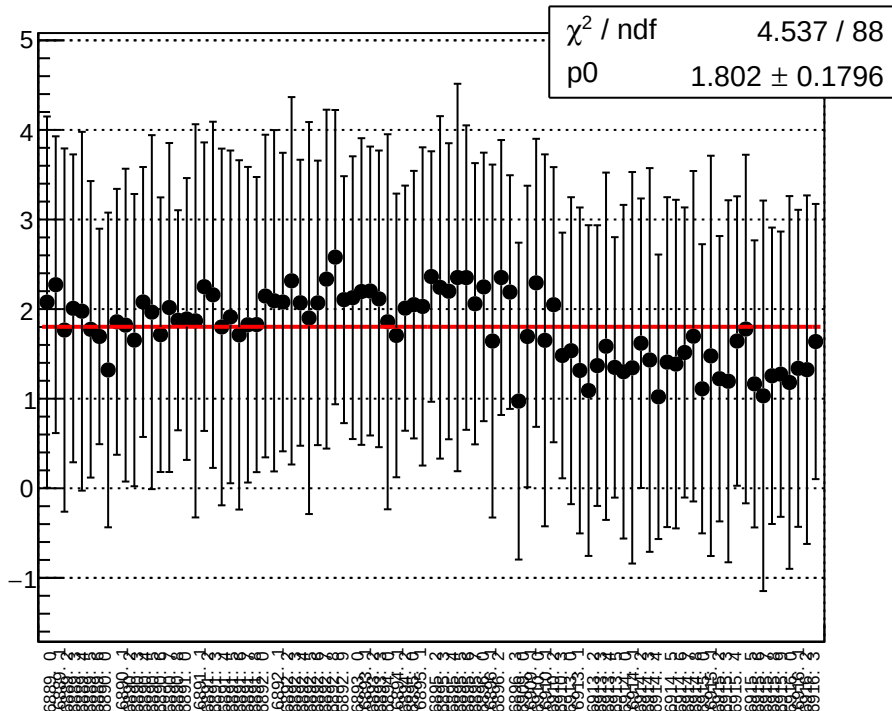
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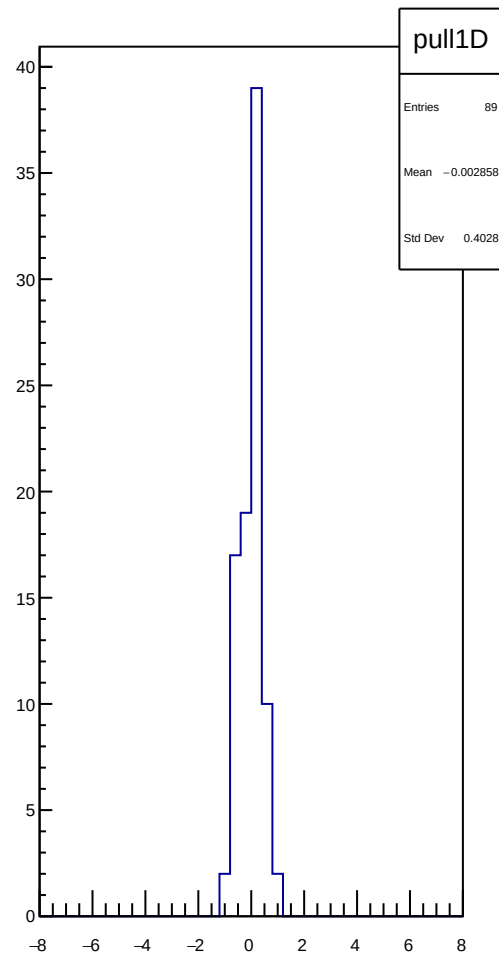
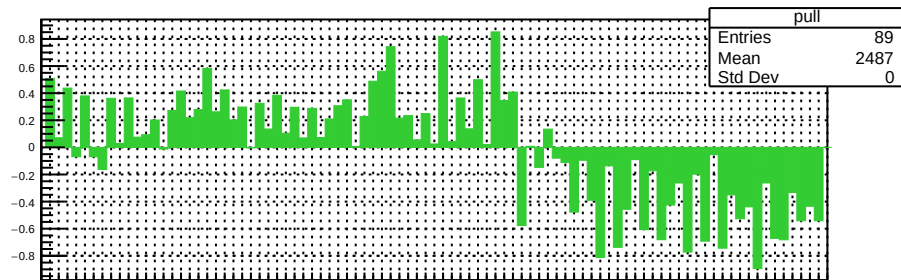
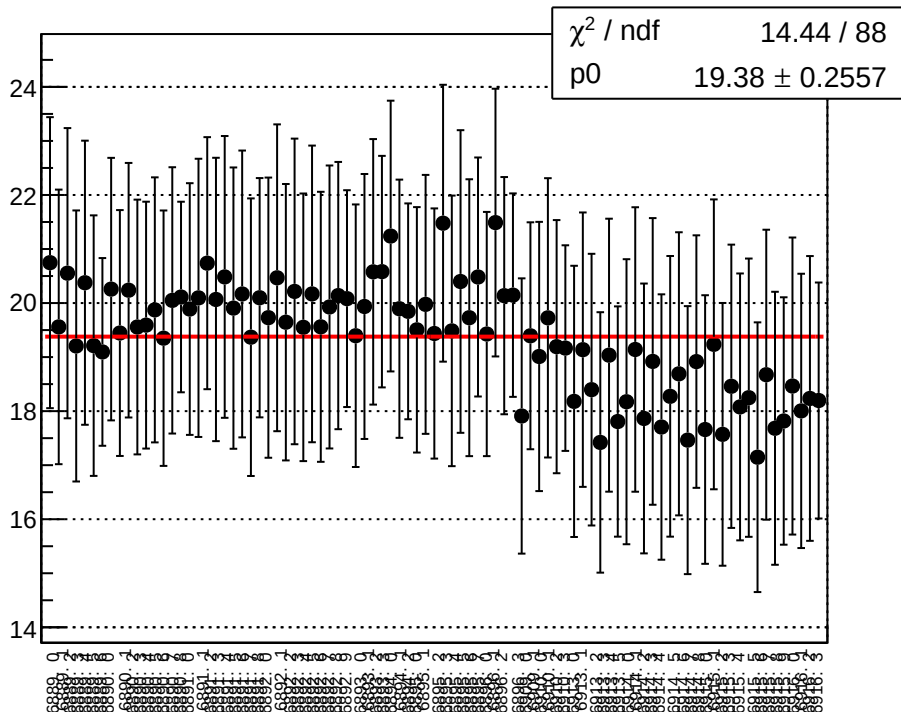
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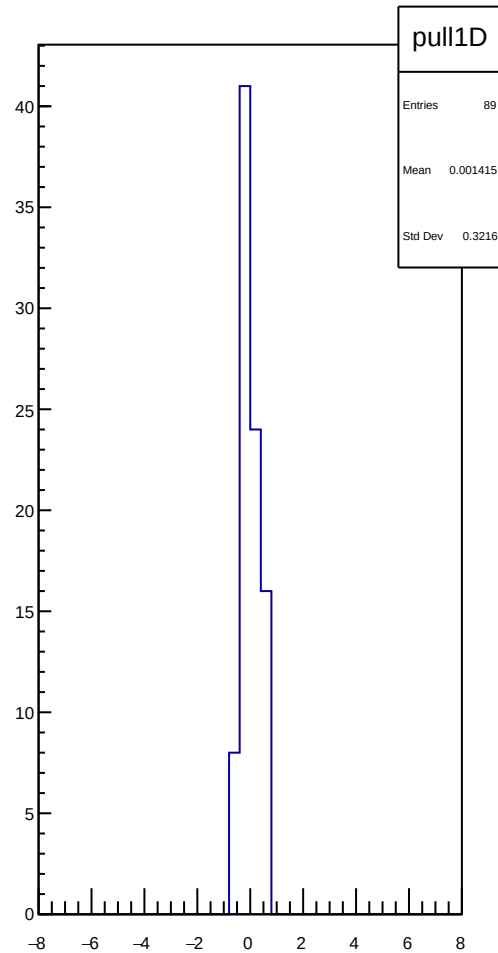
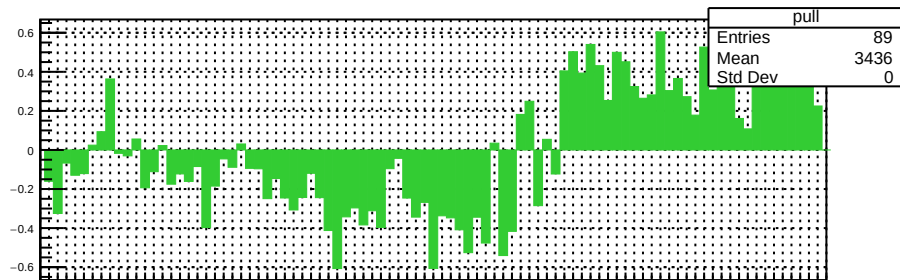
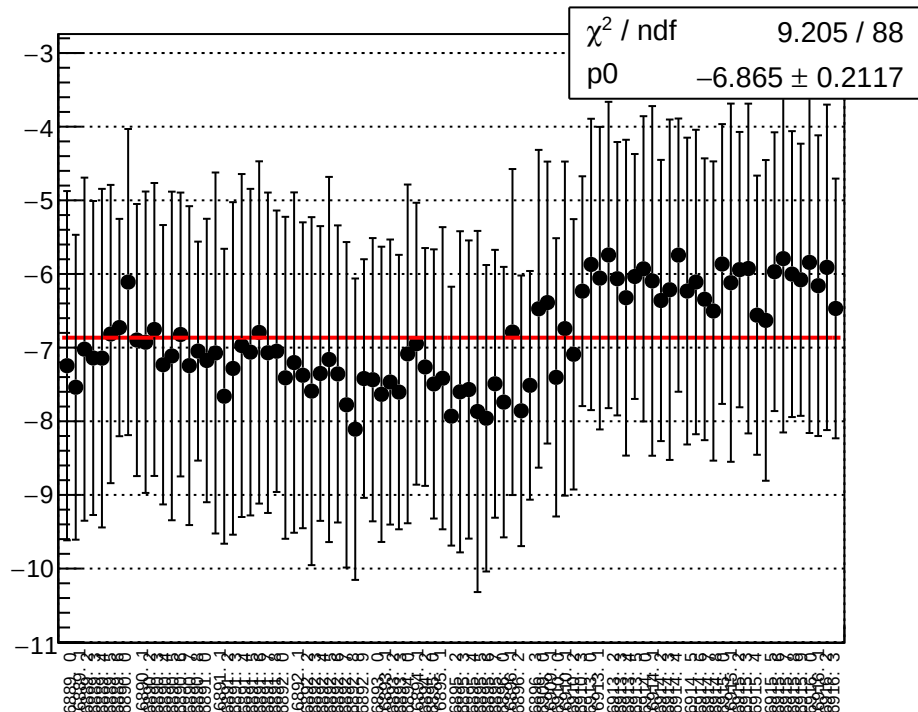
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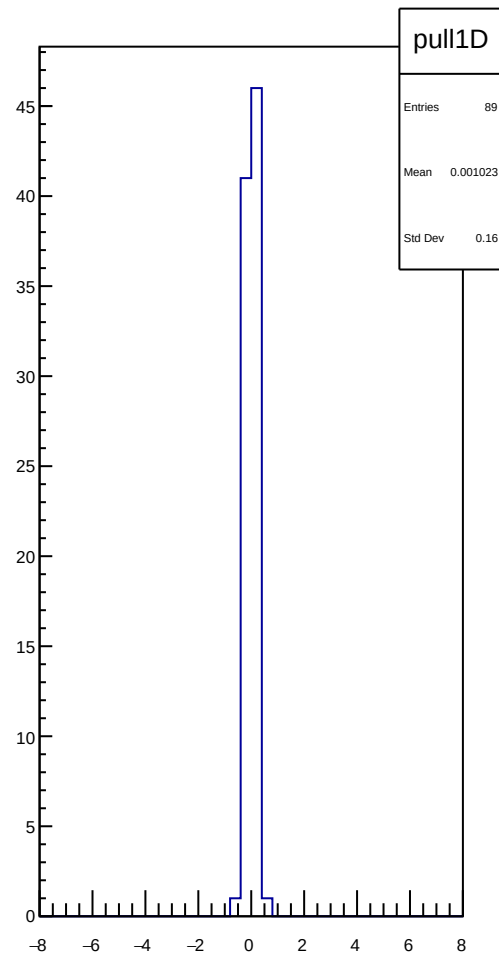
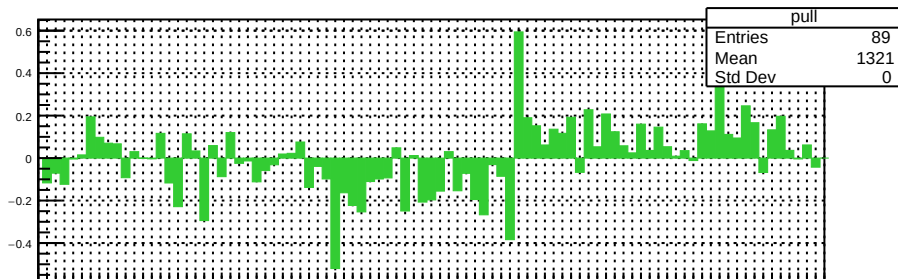
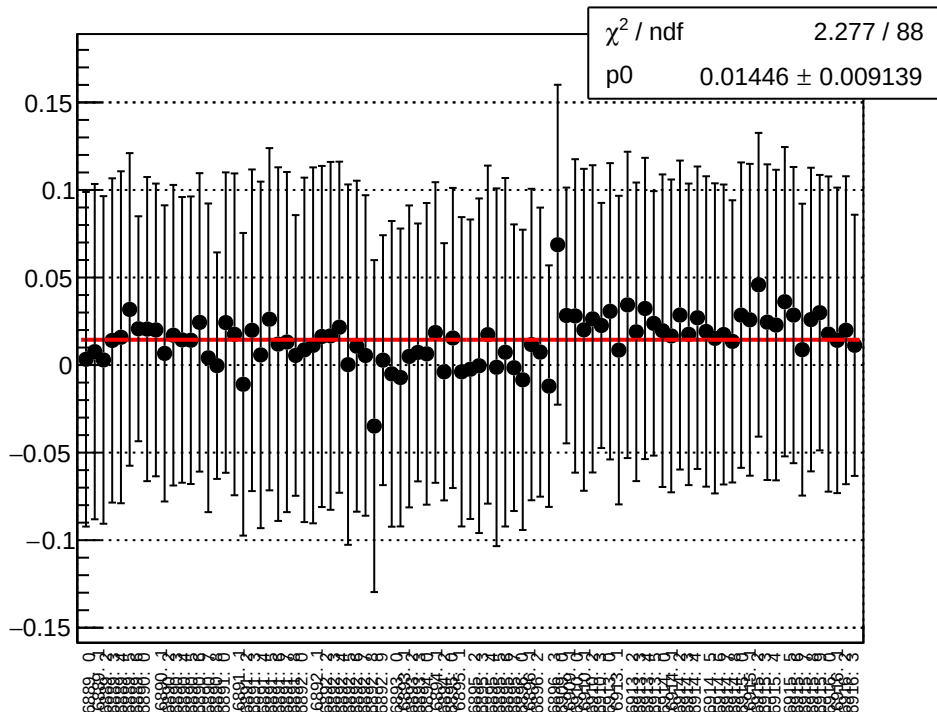
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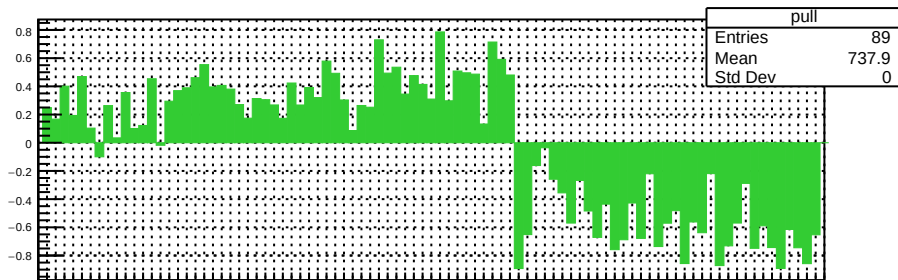
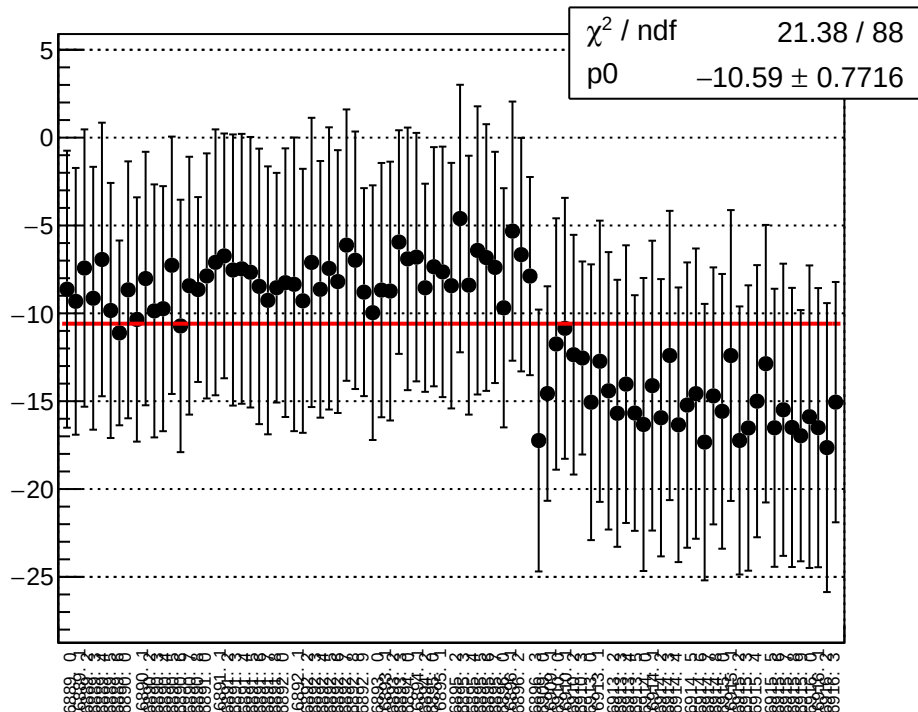
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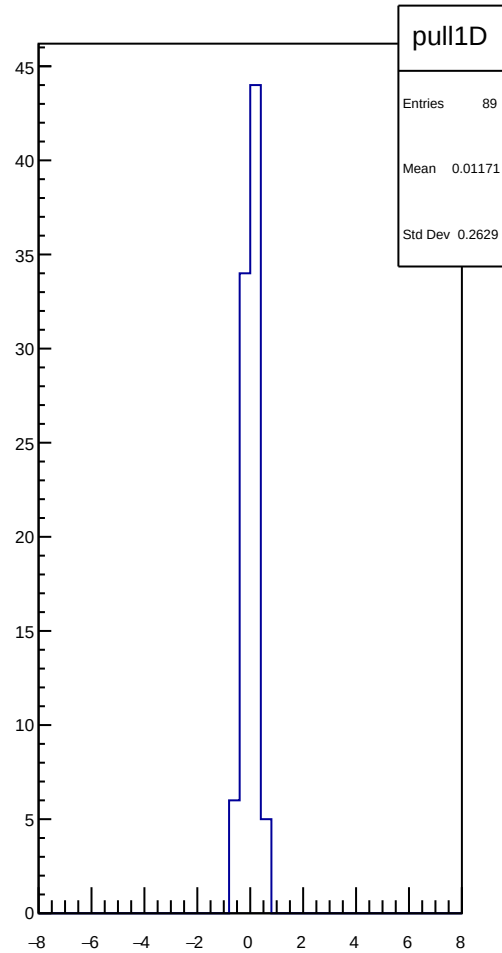
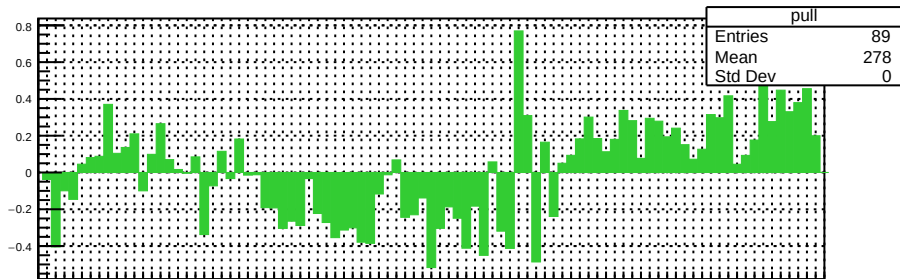
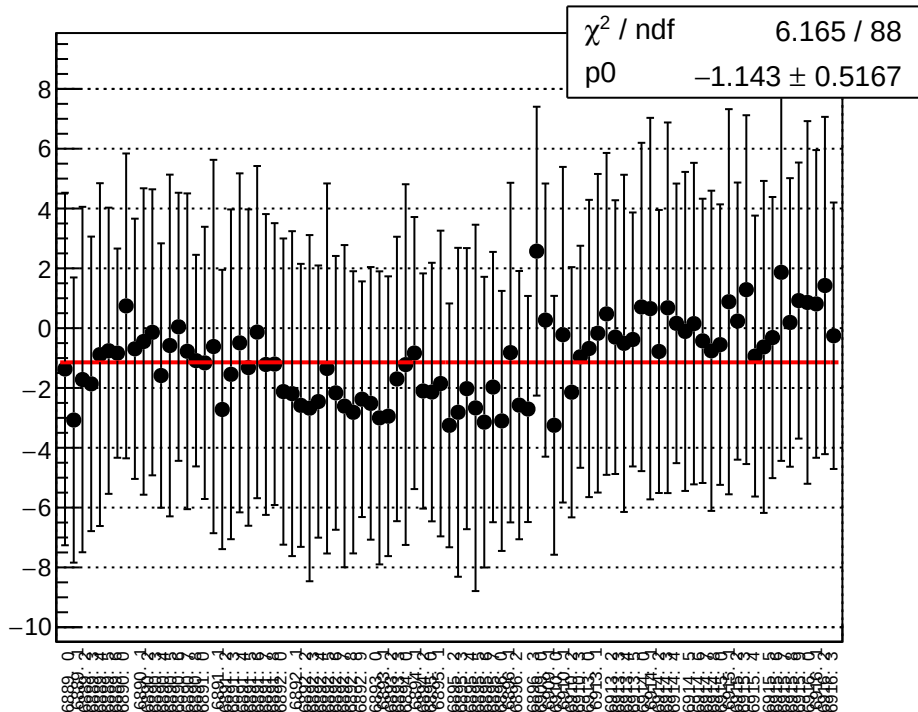
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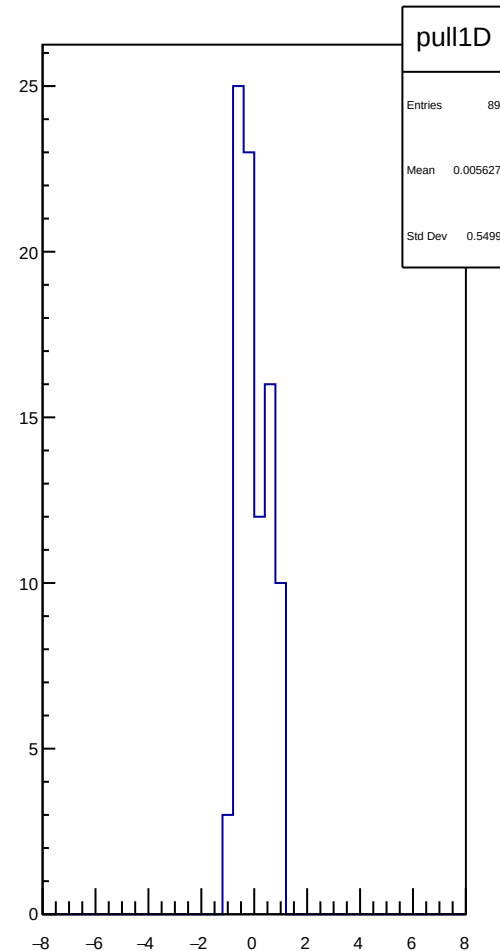
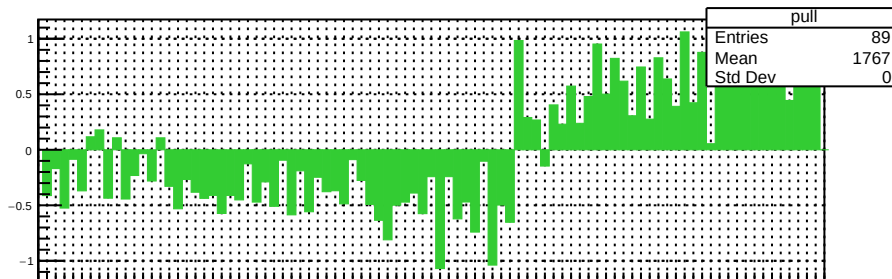
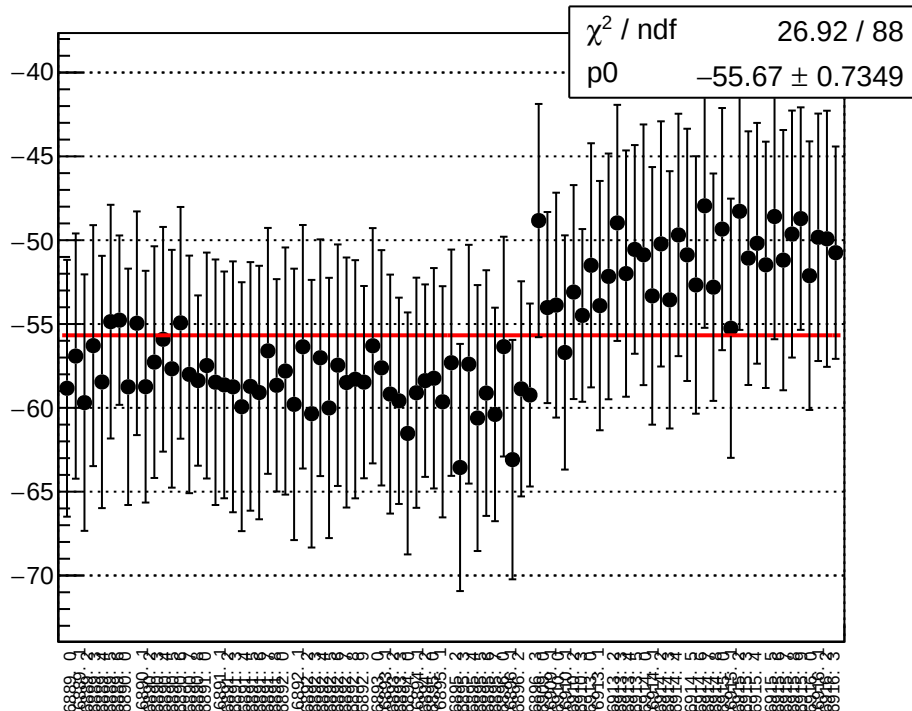
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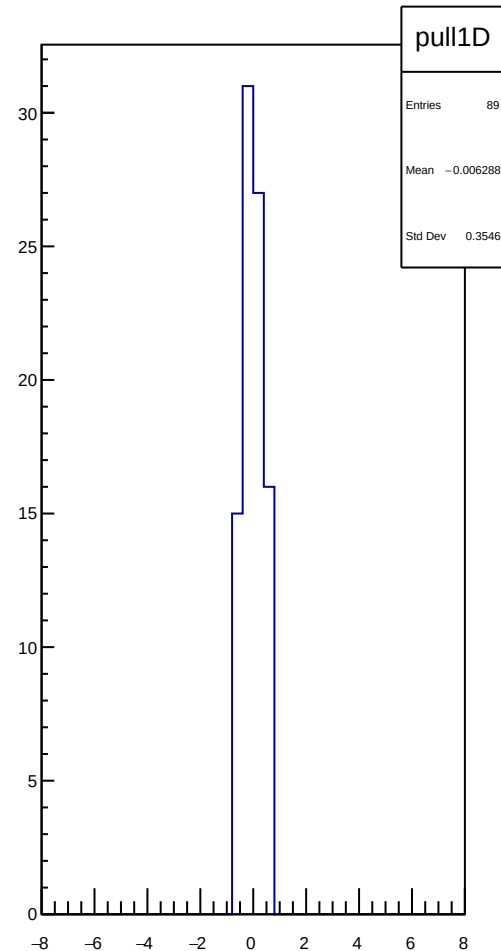
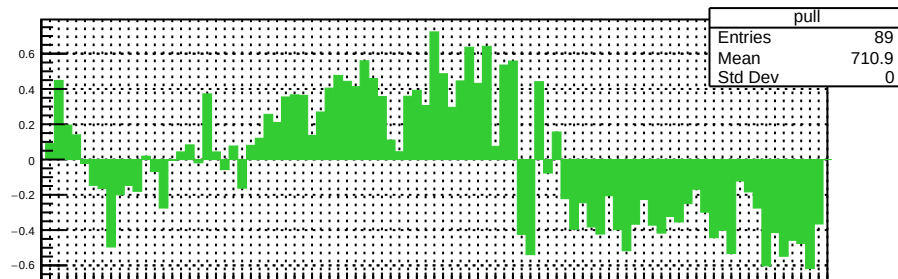
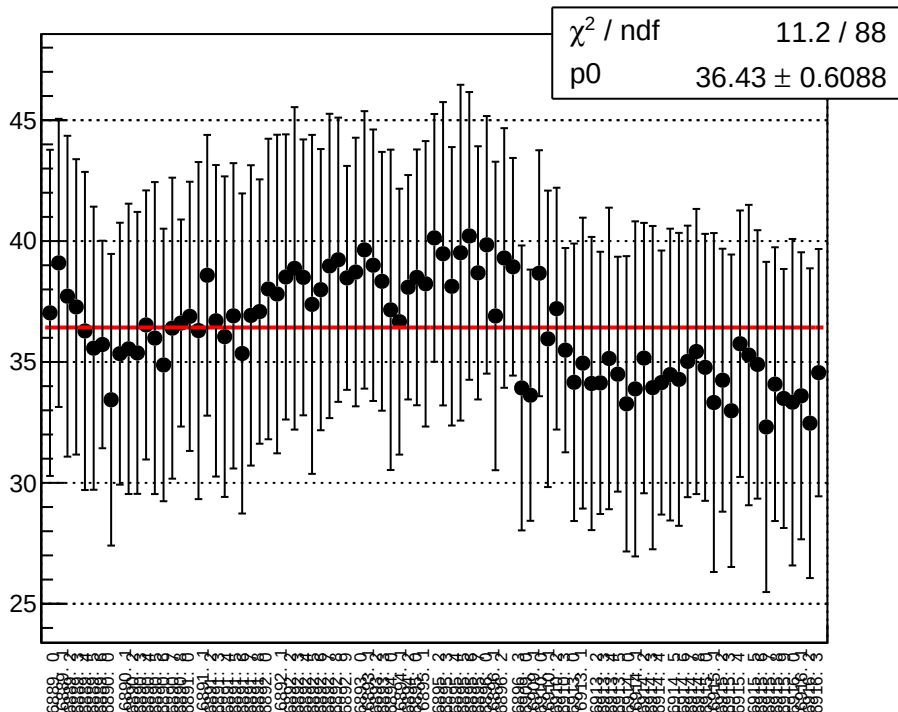
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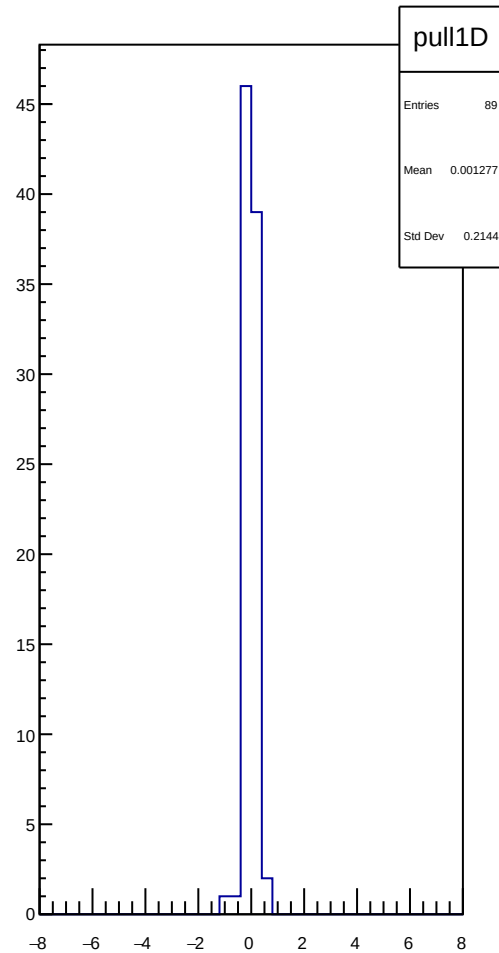
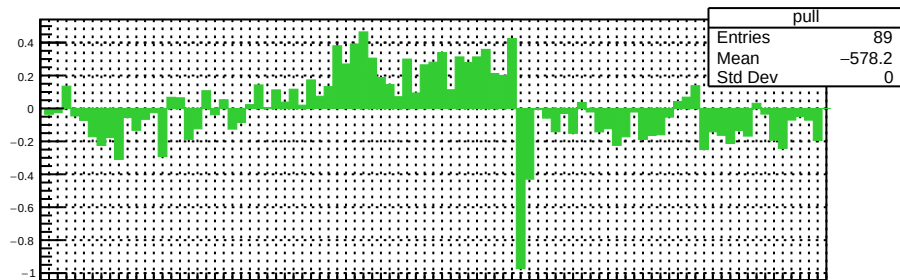
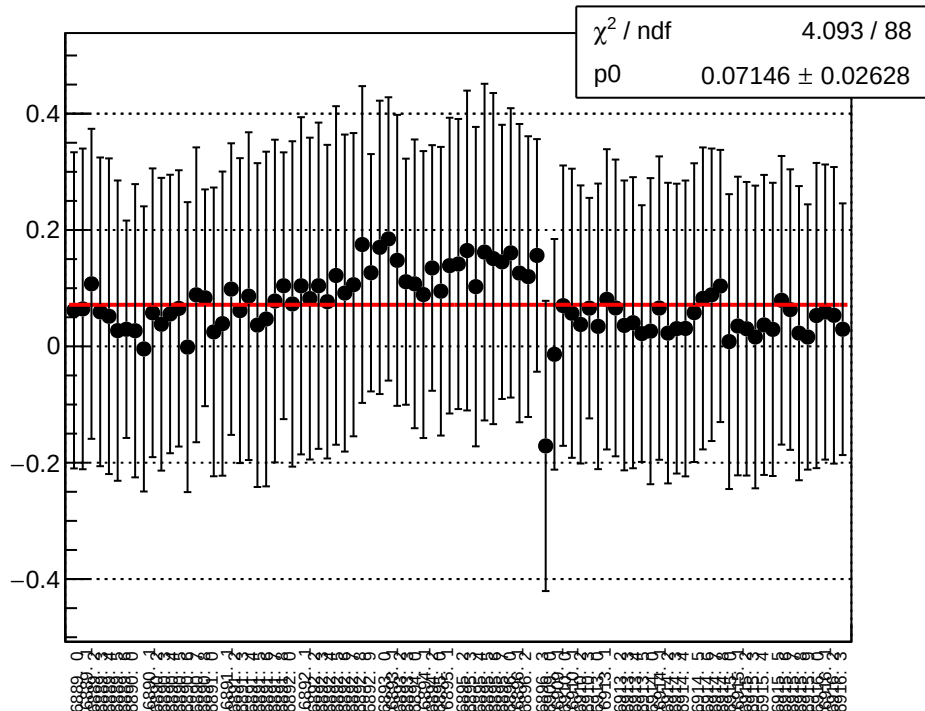
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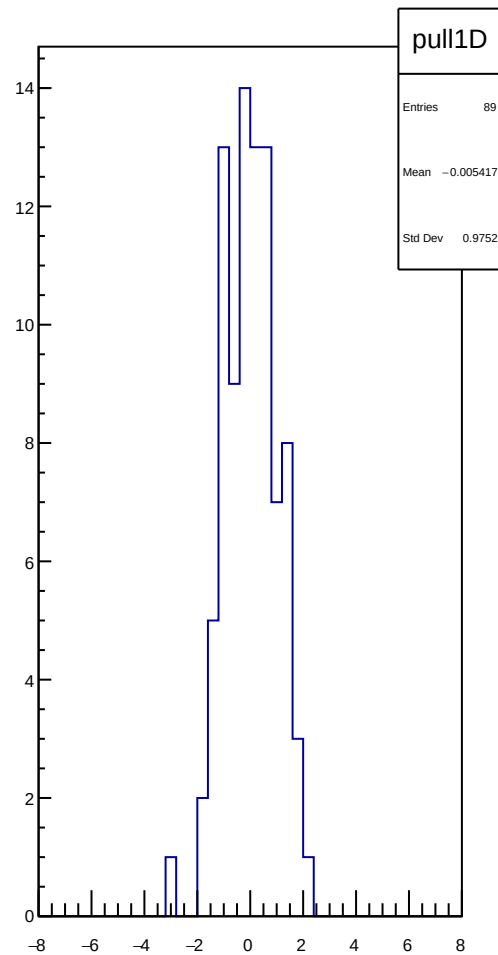
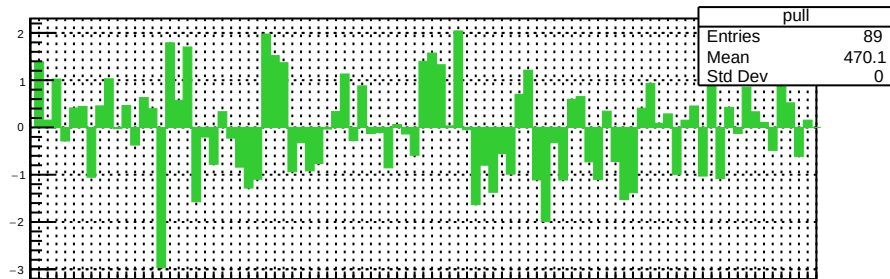
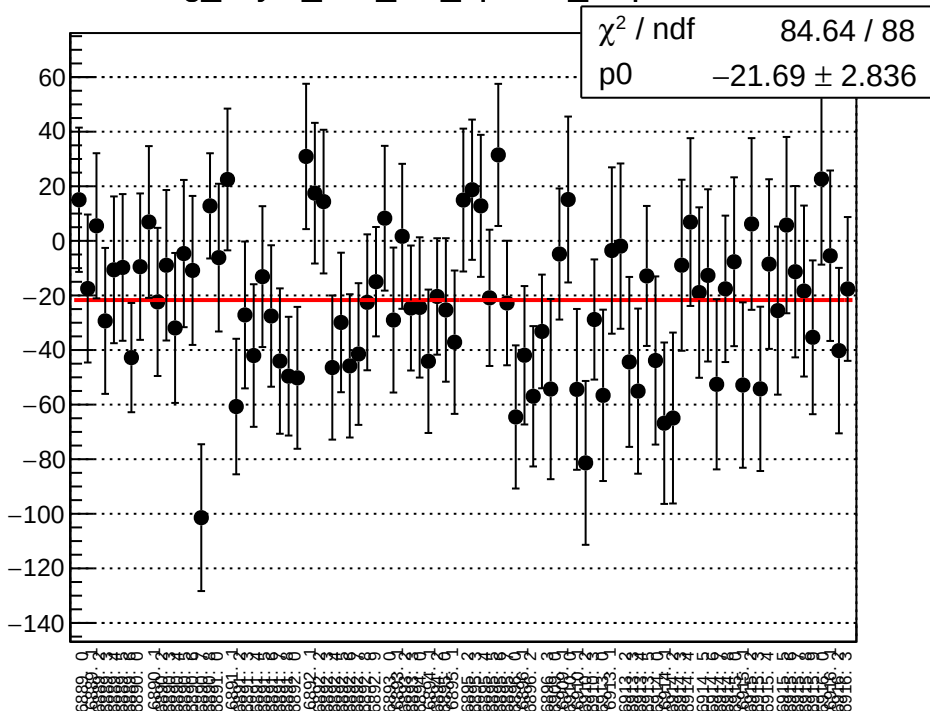
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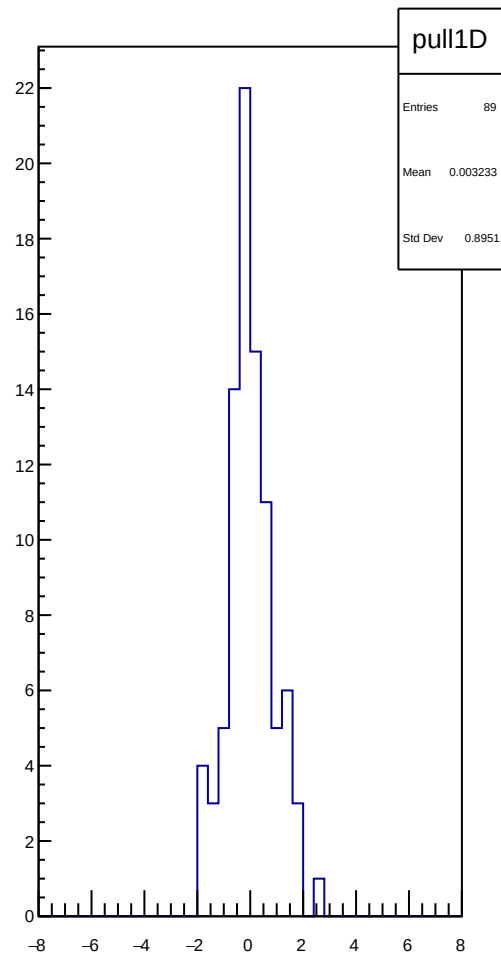
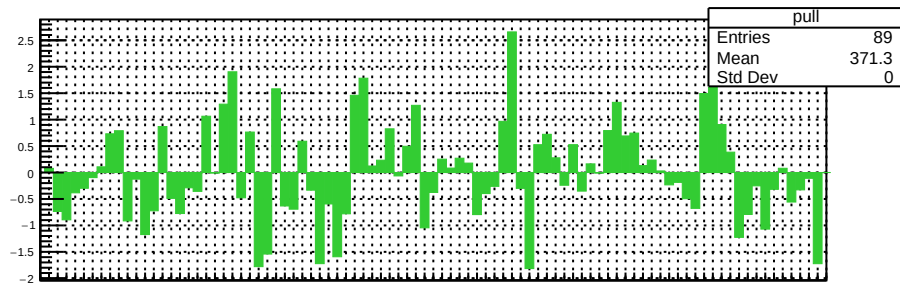
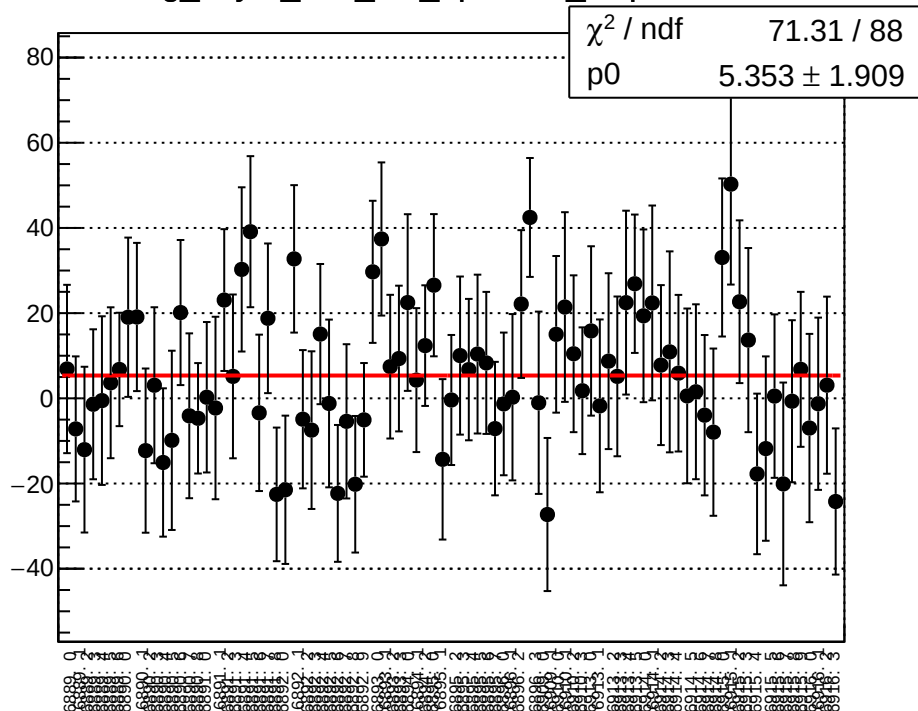
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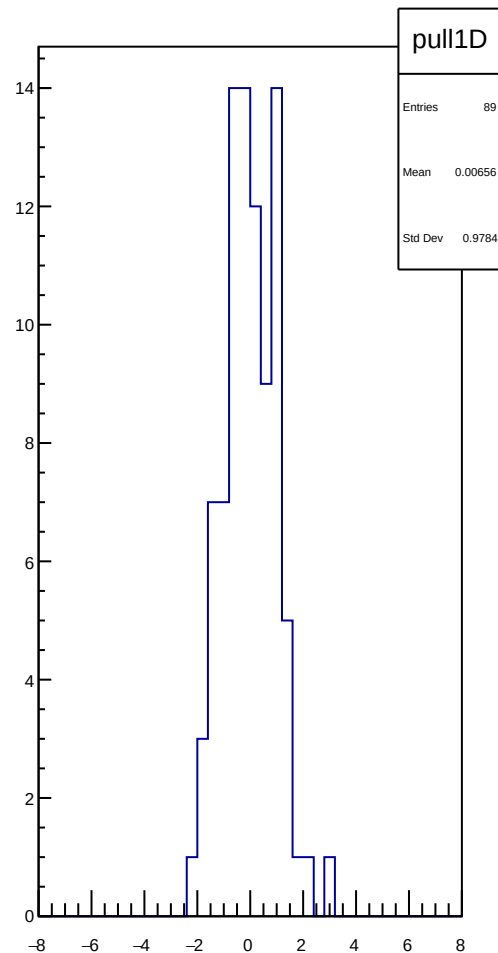
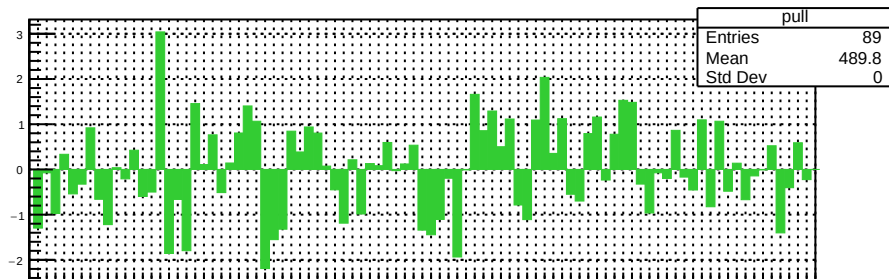
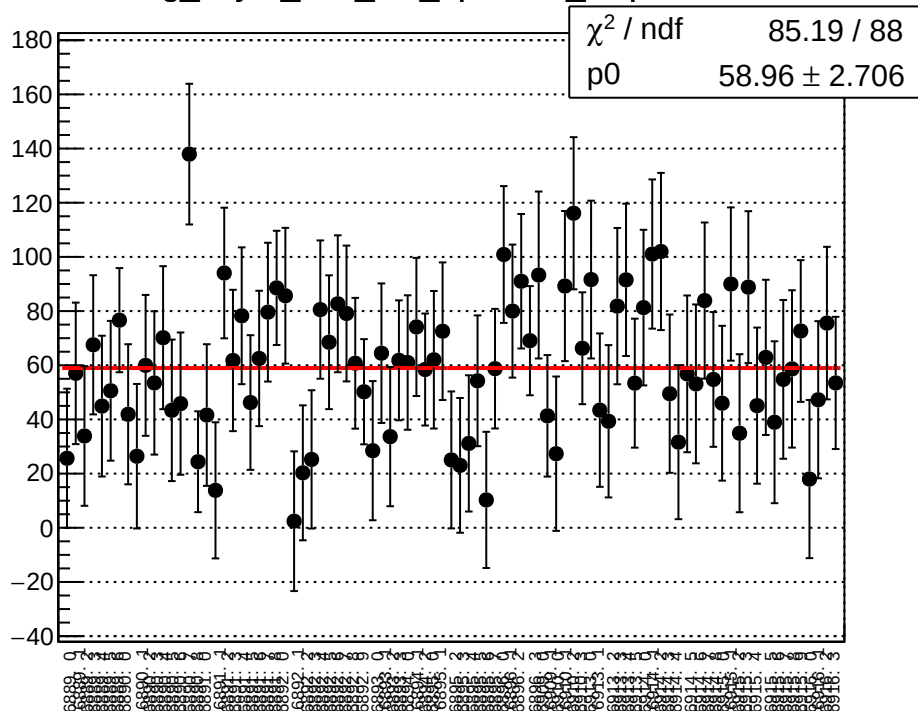
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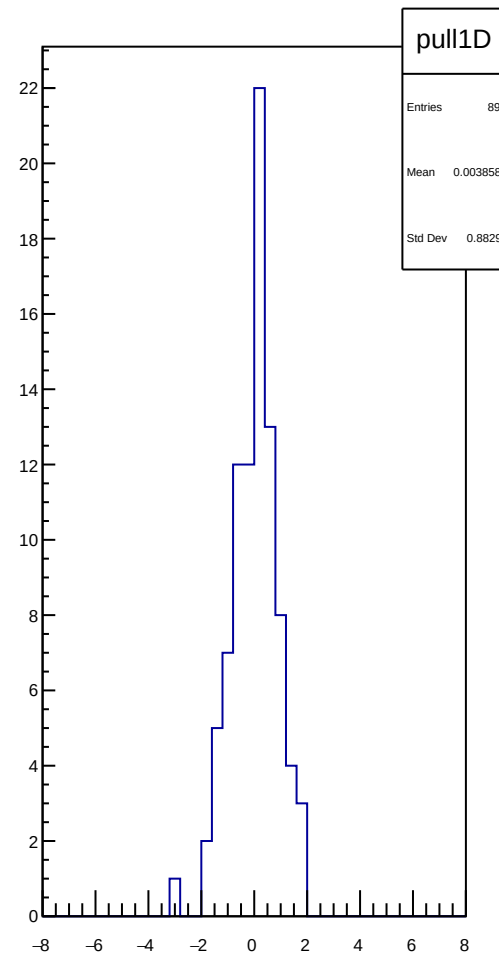
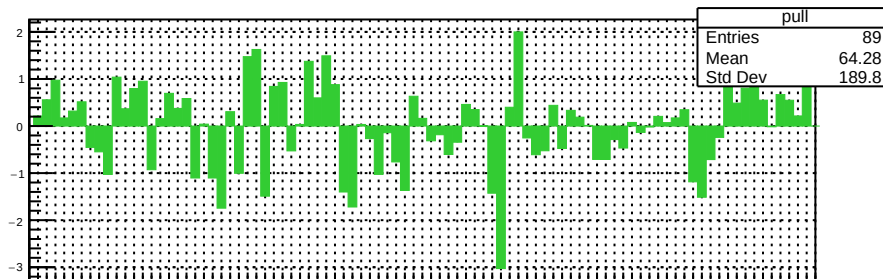
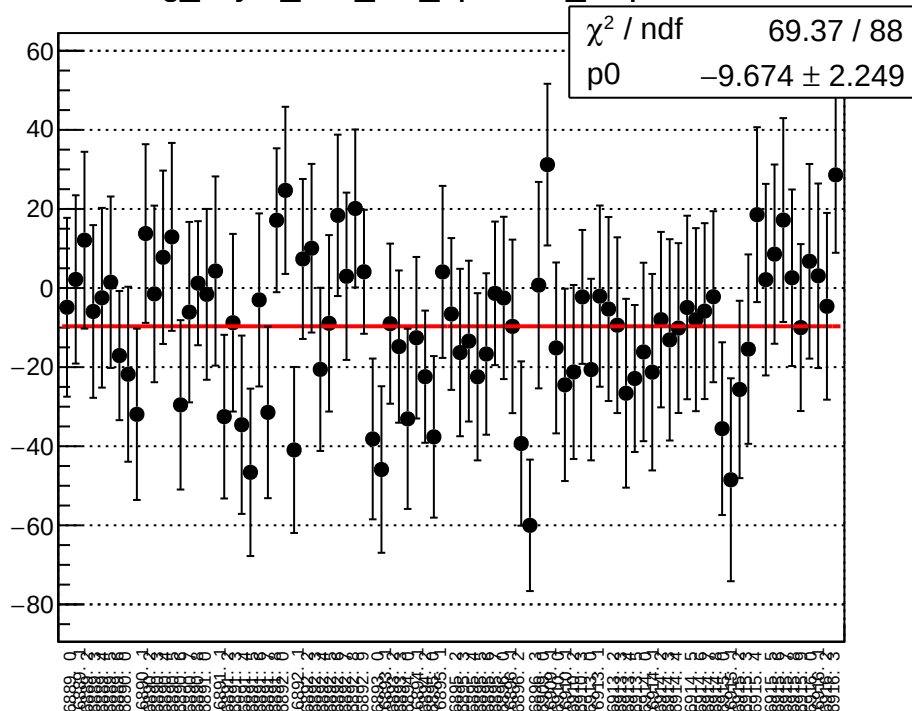
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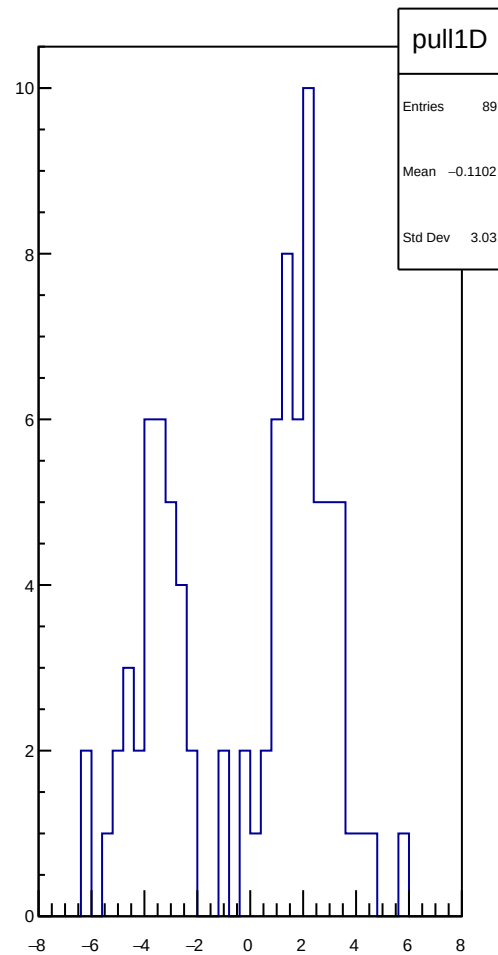
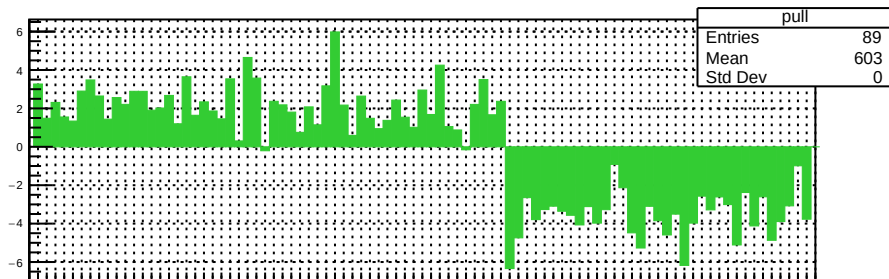
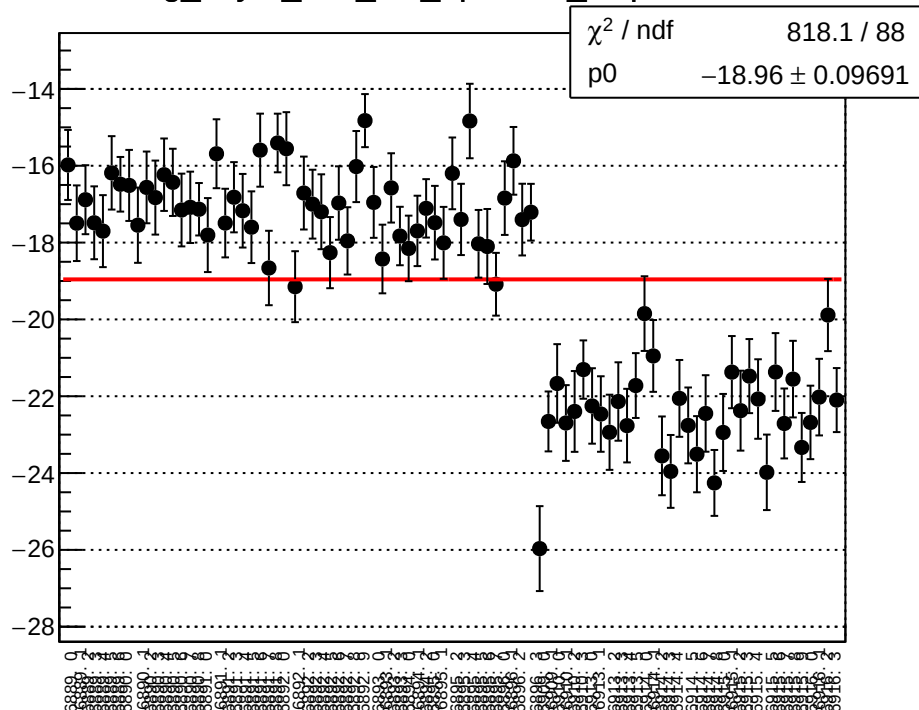
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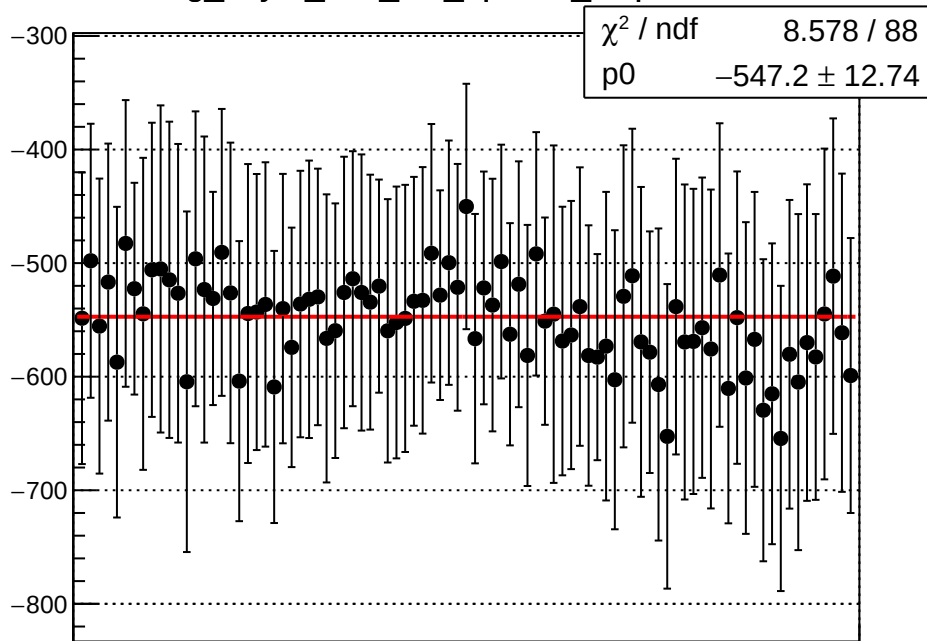
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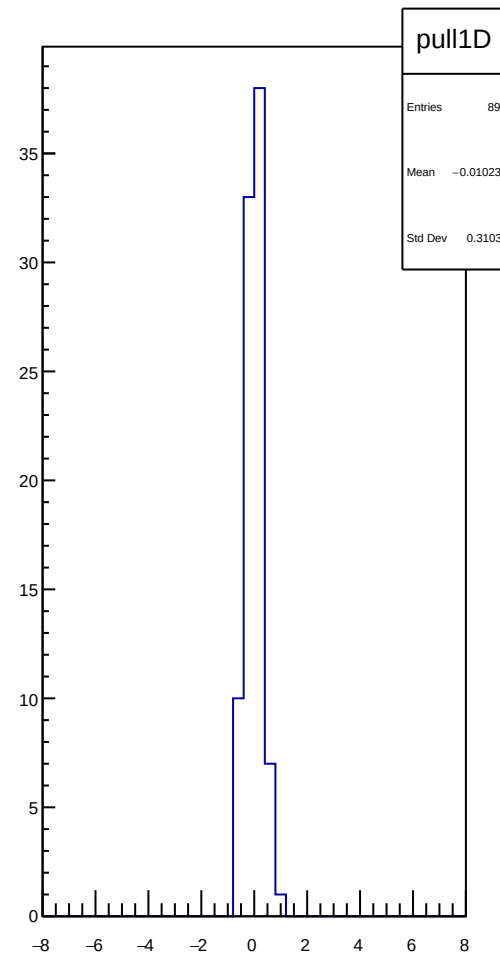
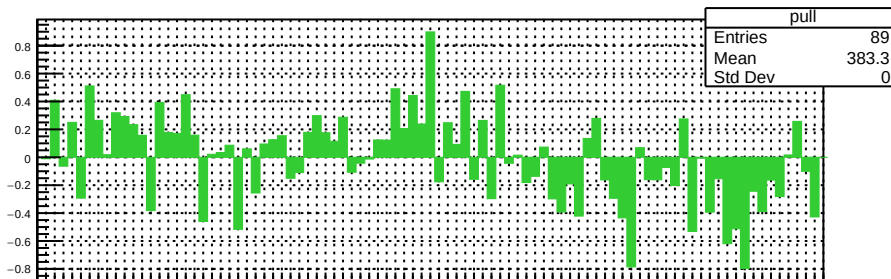
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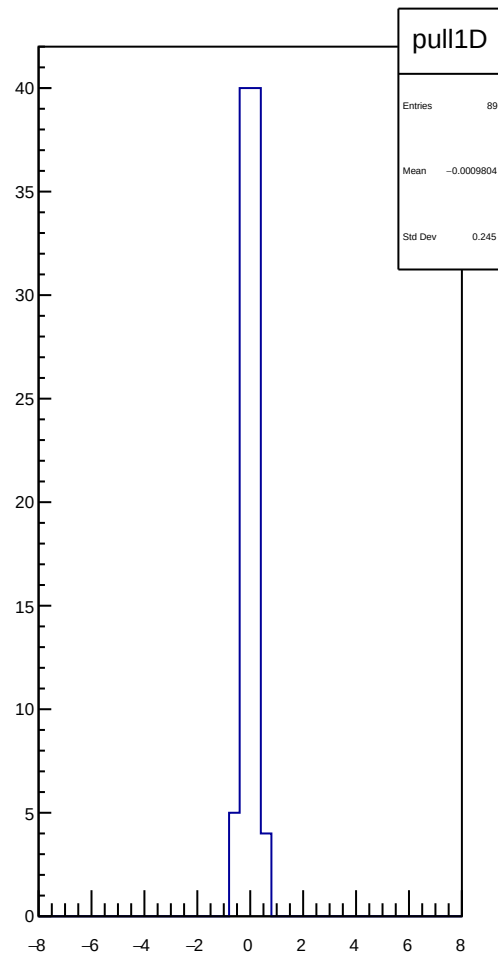
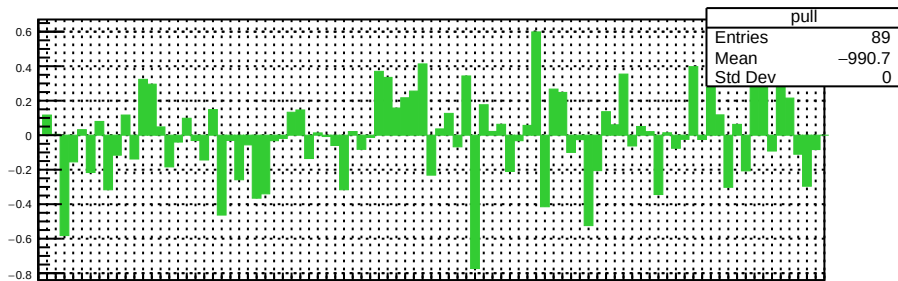
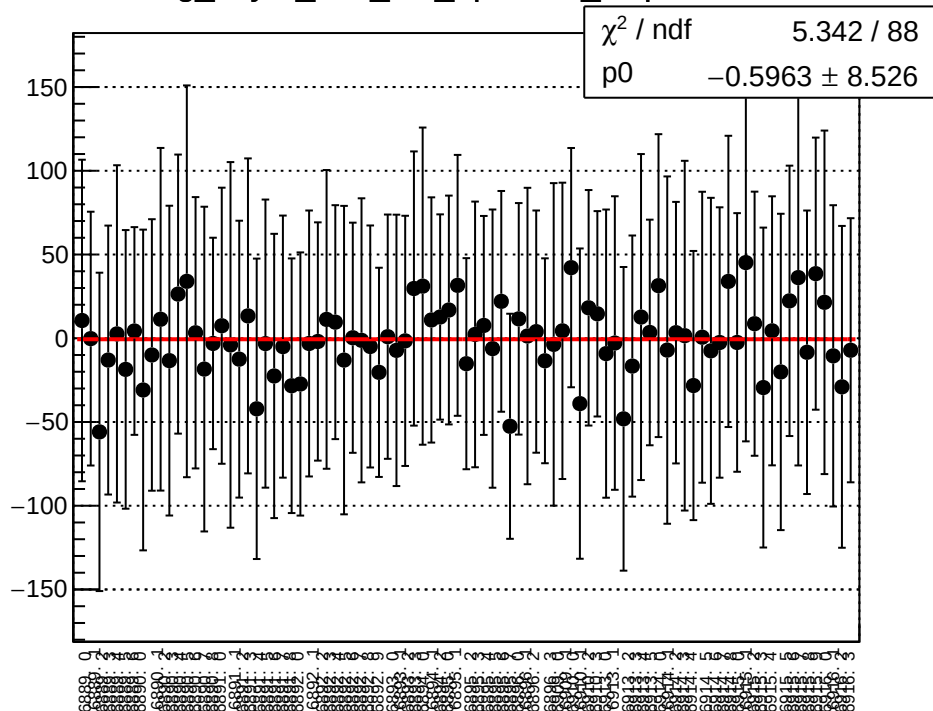
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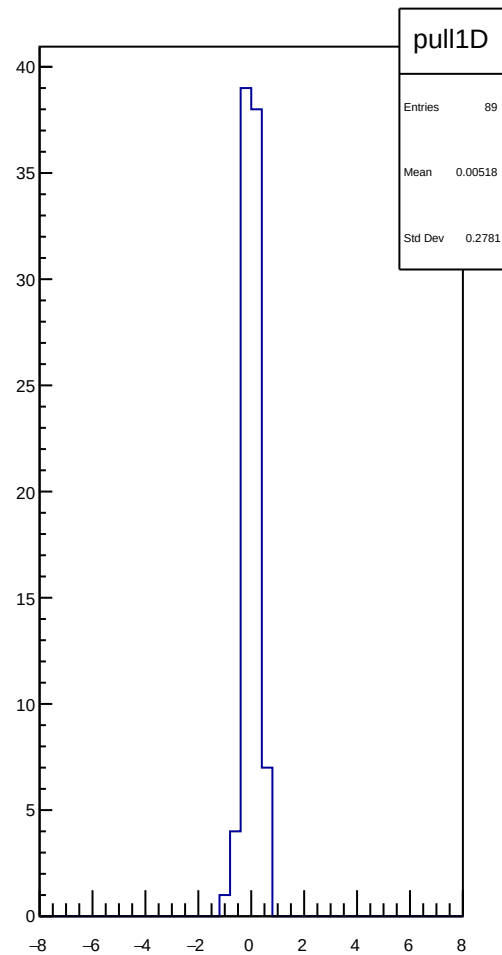
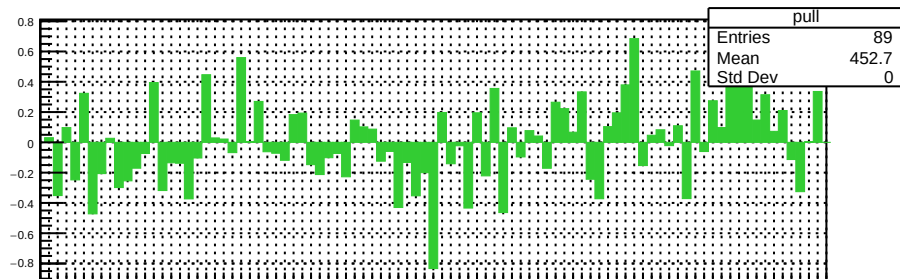
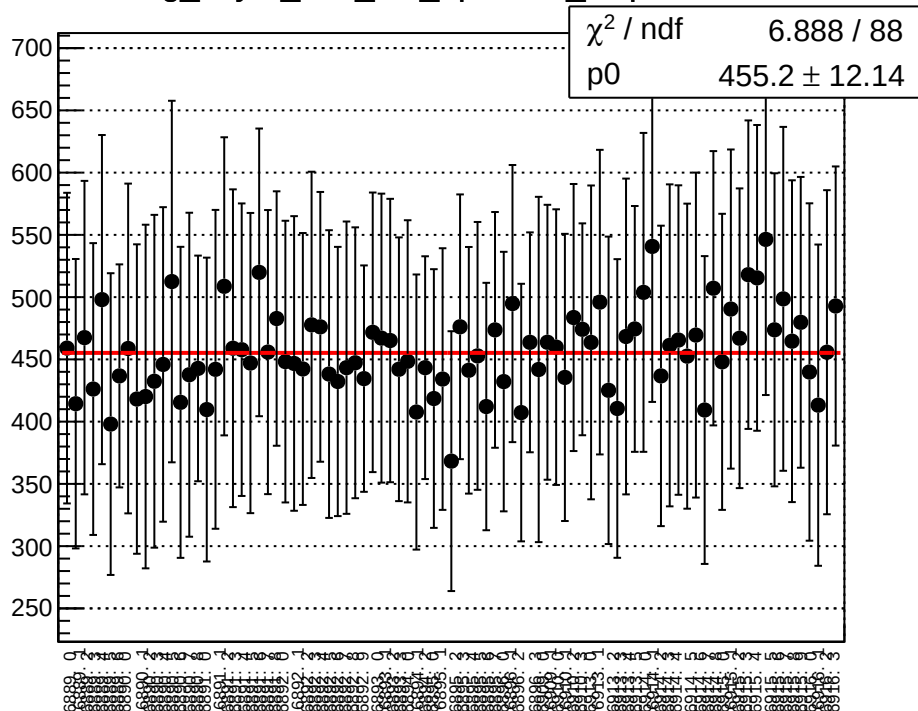
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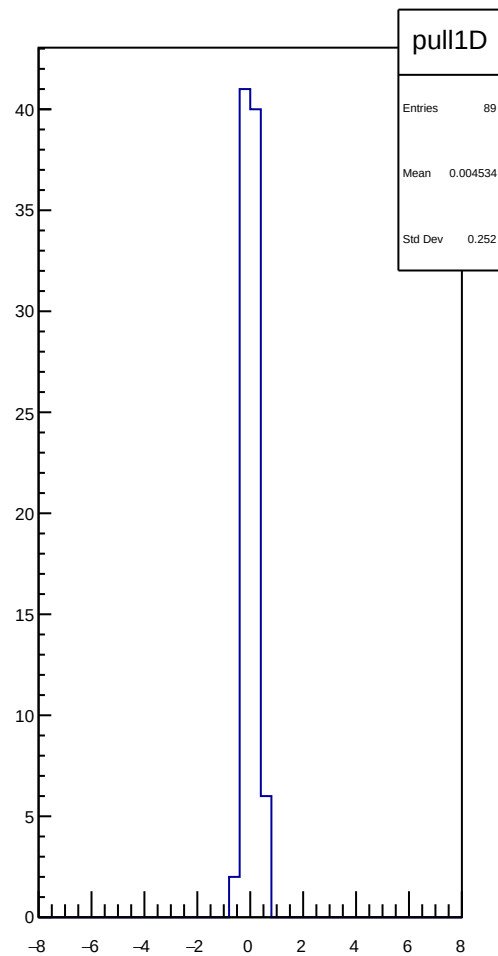
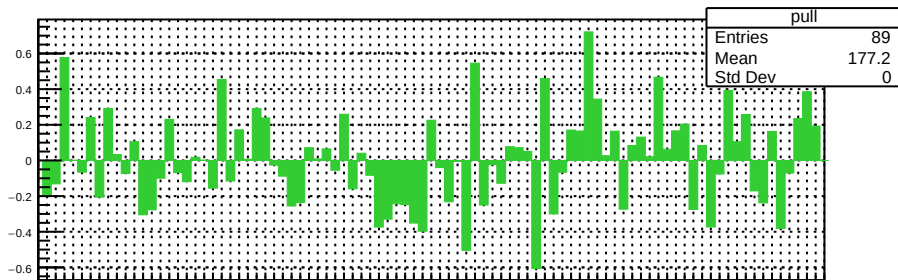
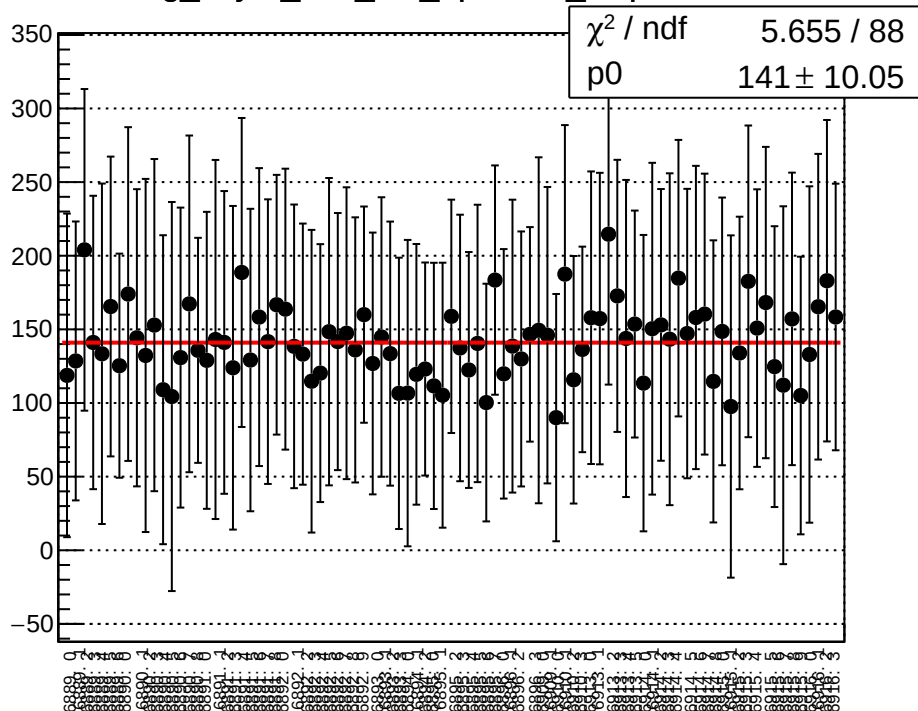
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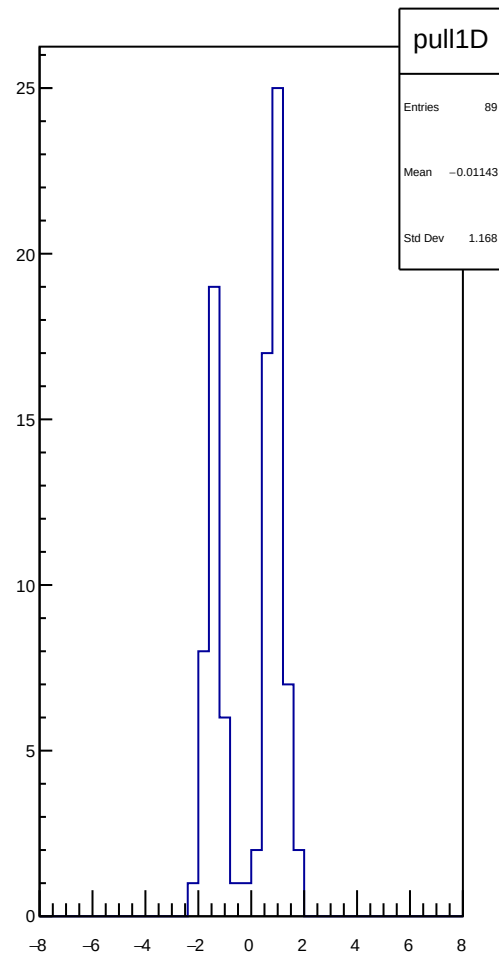
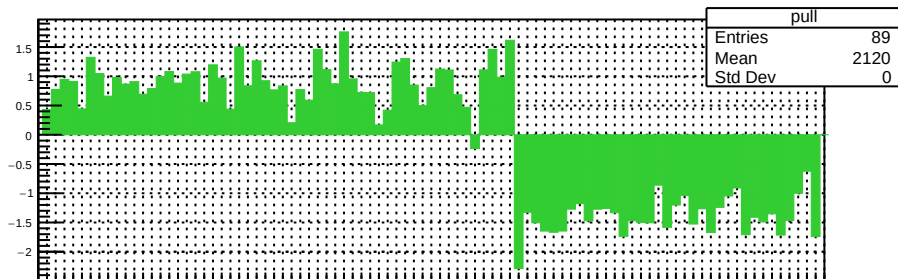
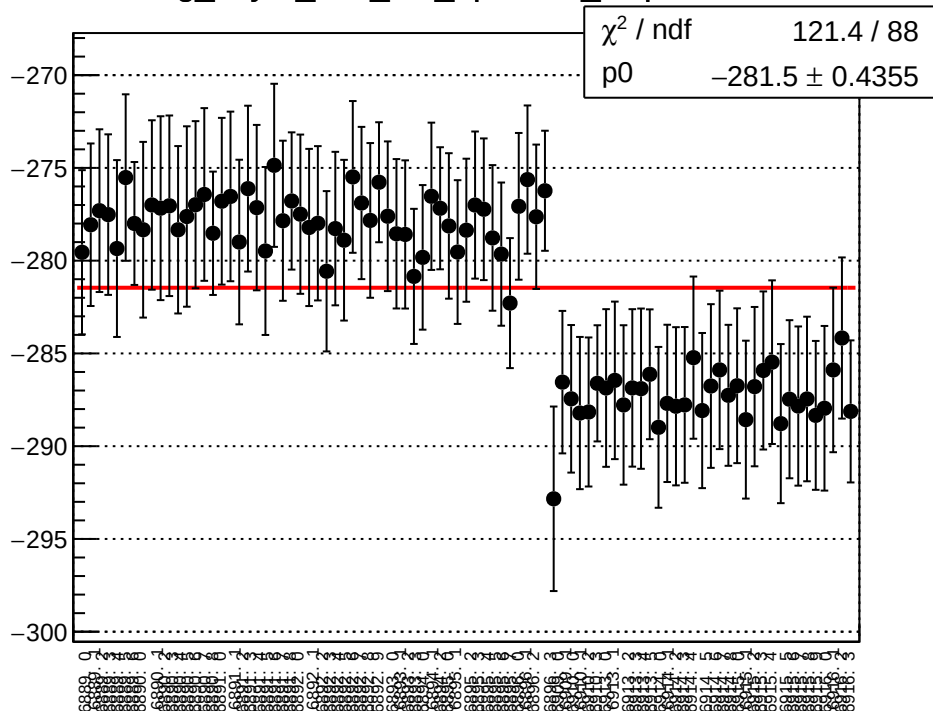
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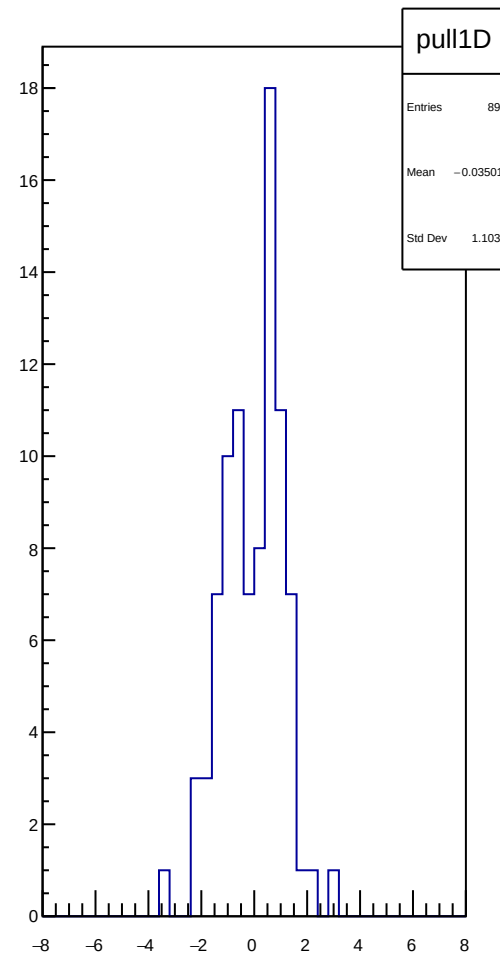
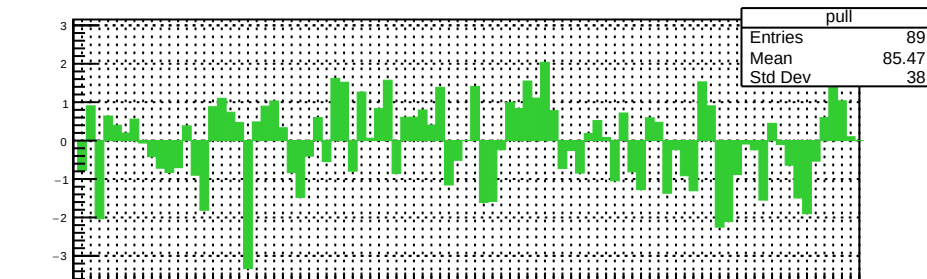
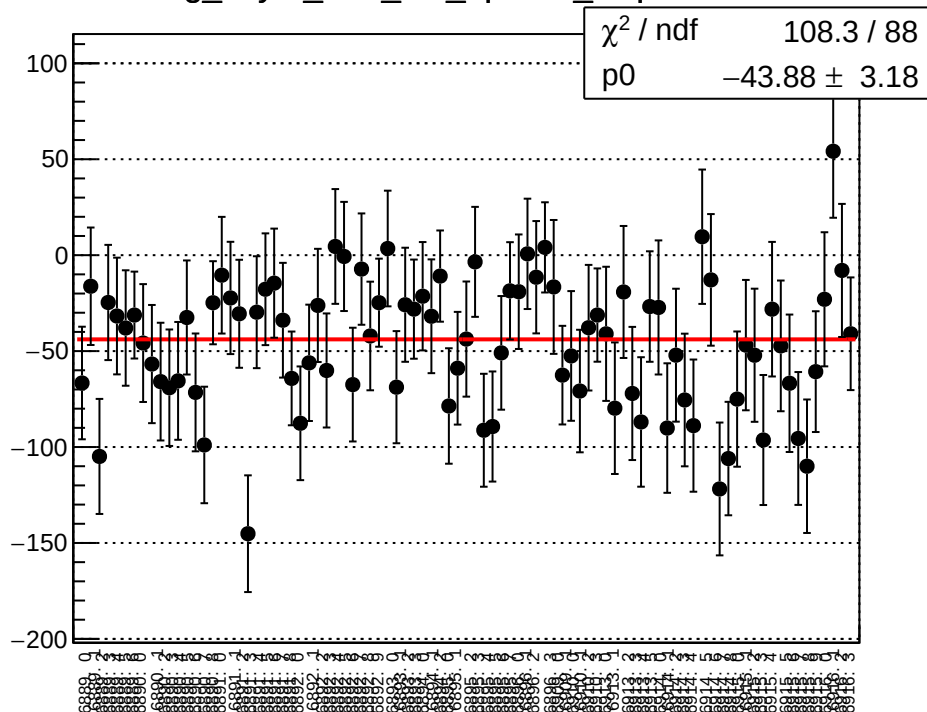
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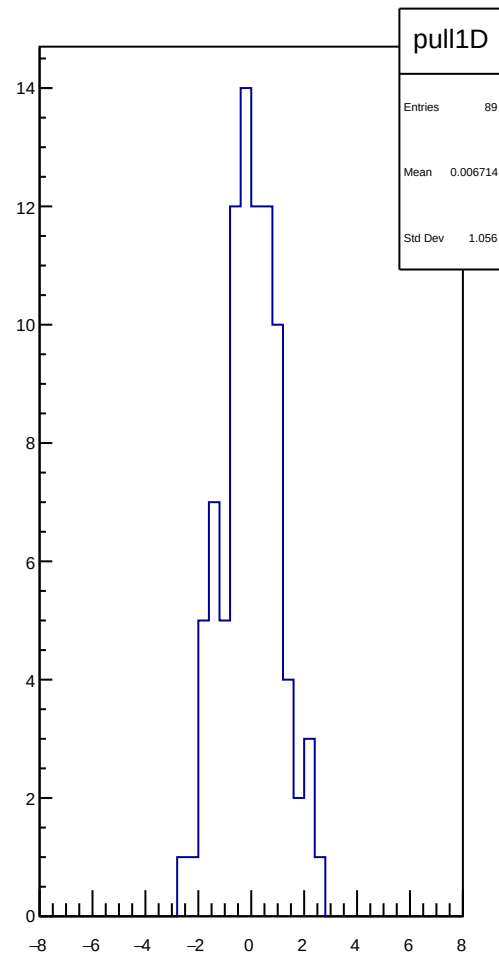
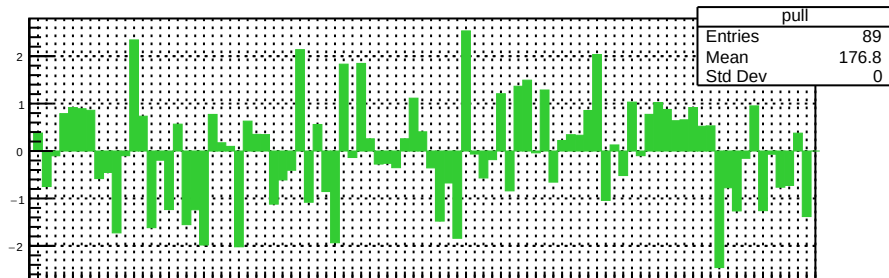
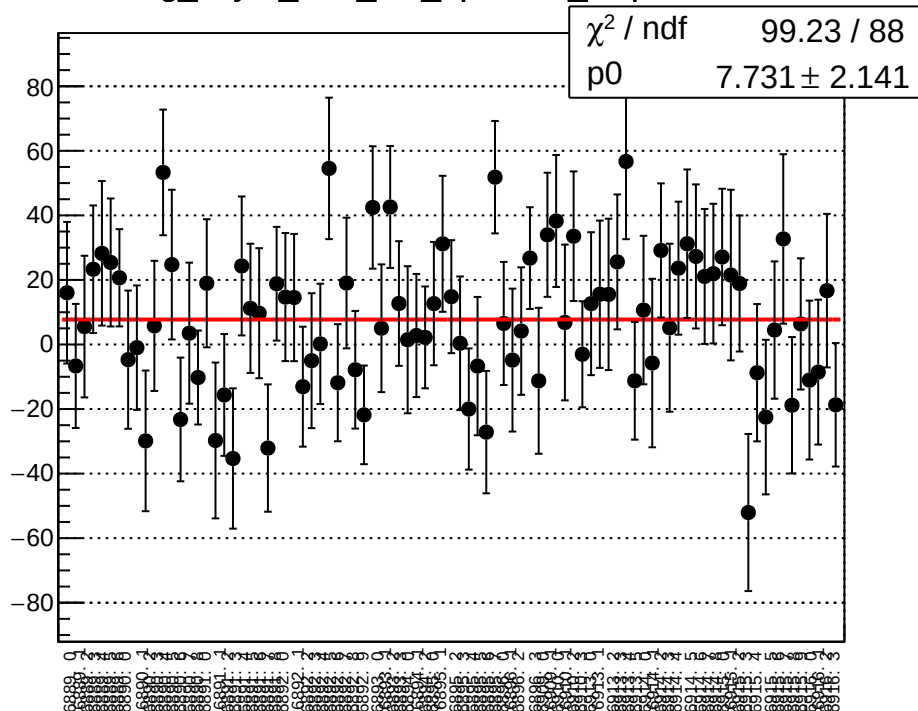
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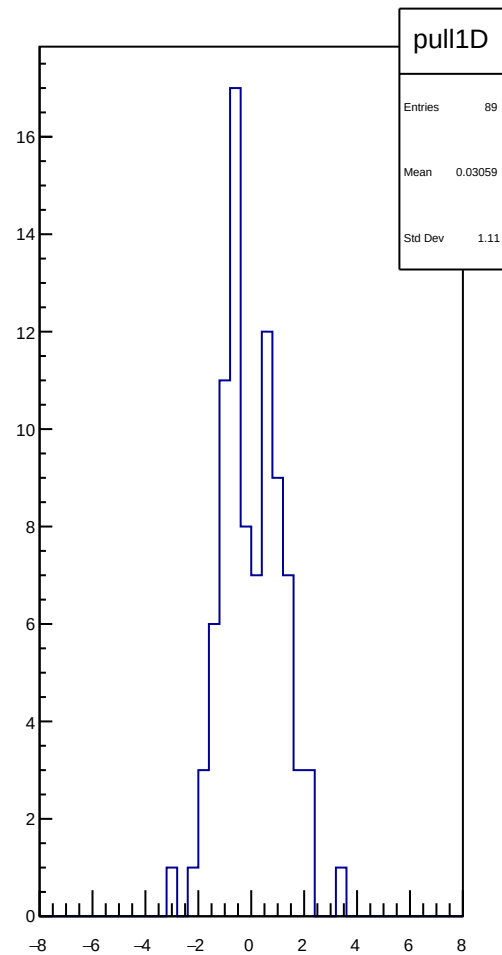
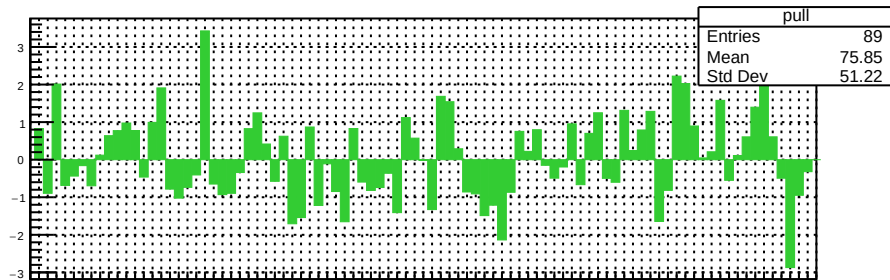
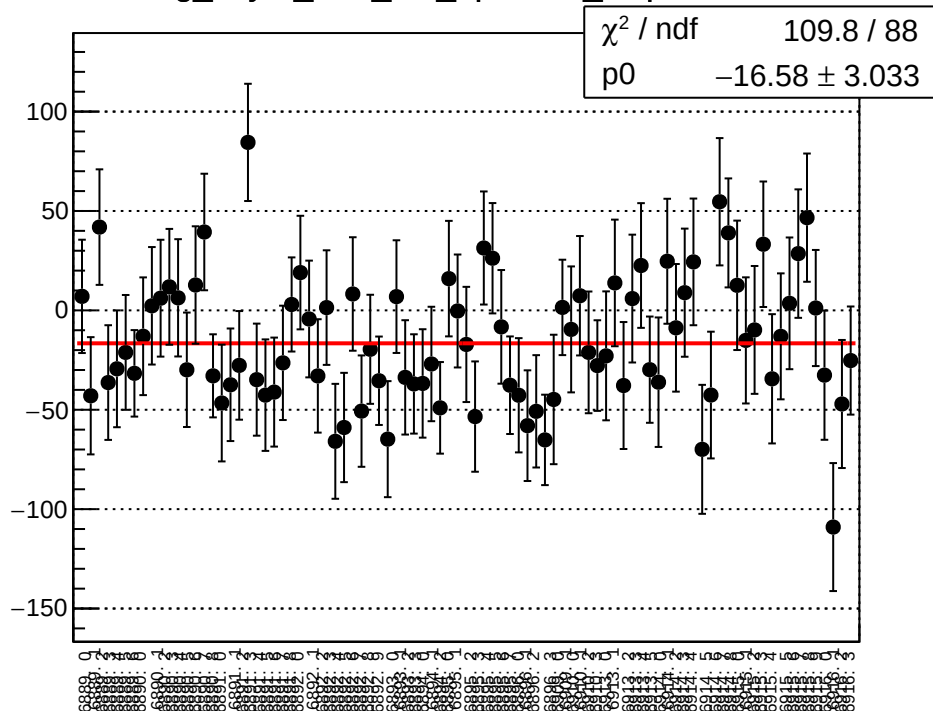
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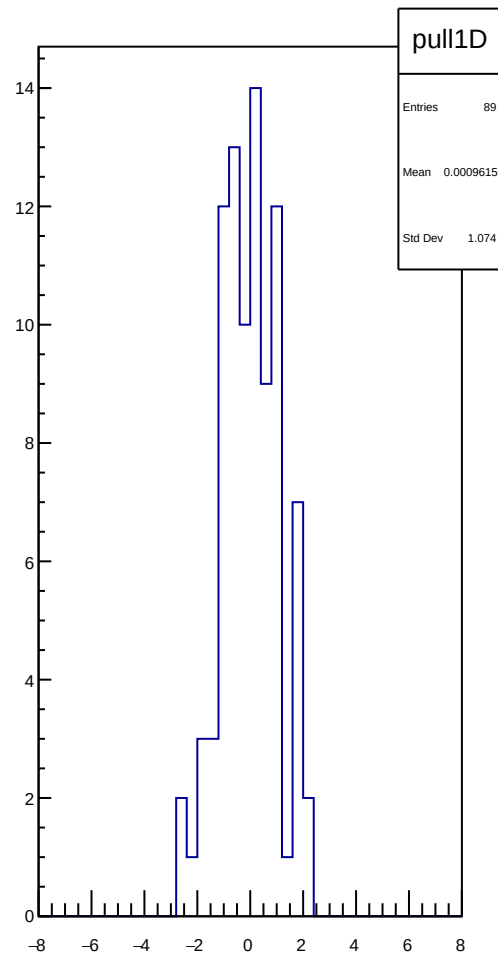
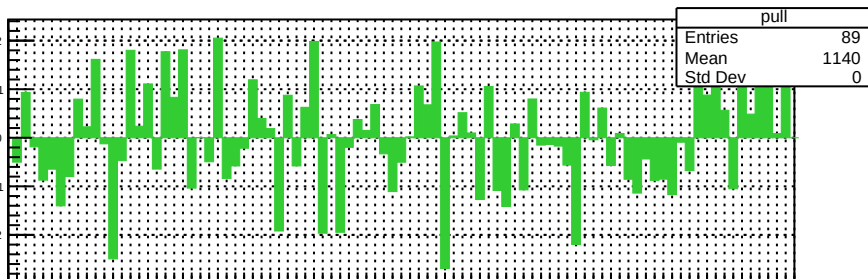
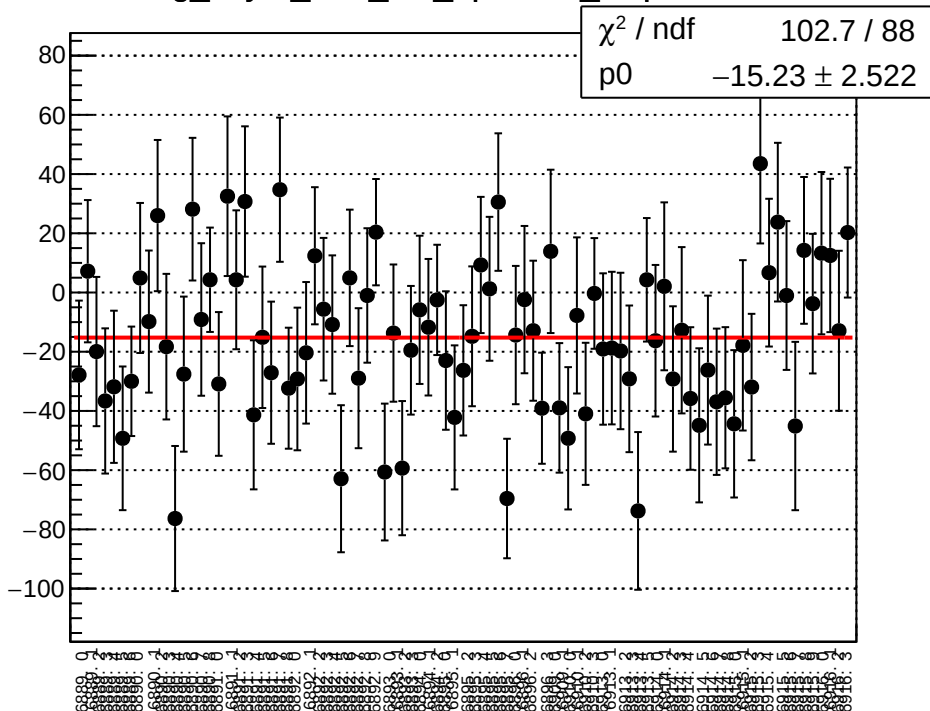
reg_asym_atr1_diff_bpm4aY_slope vs run



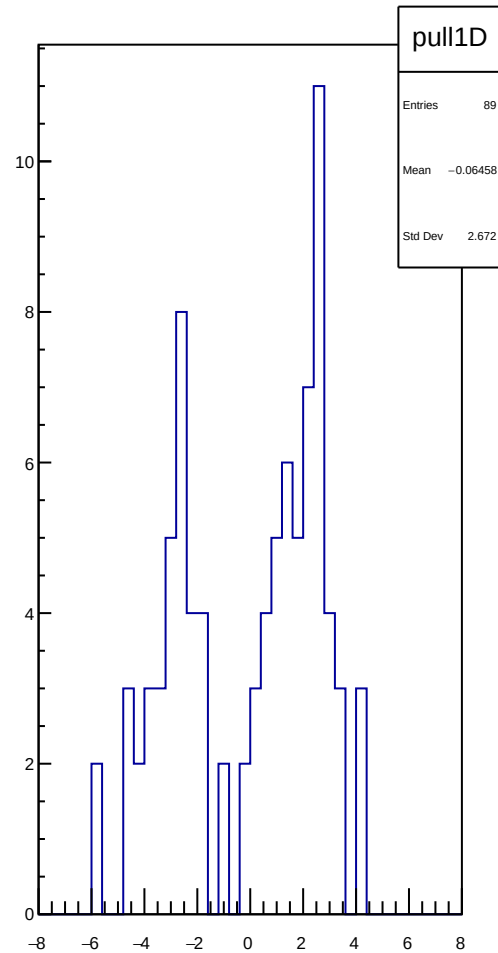
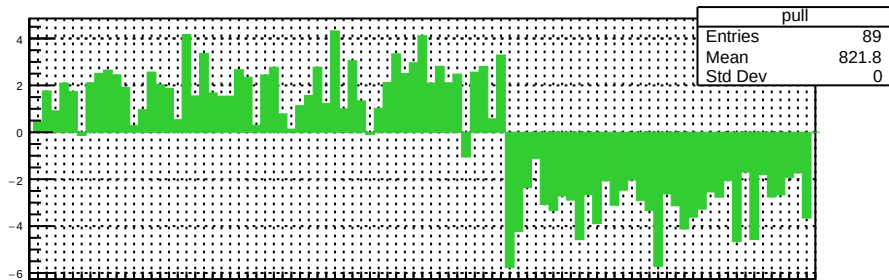
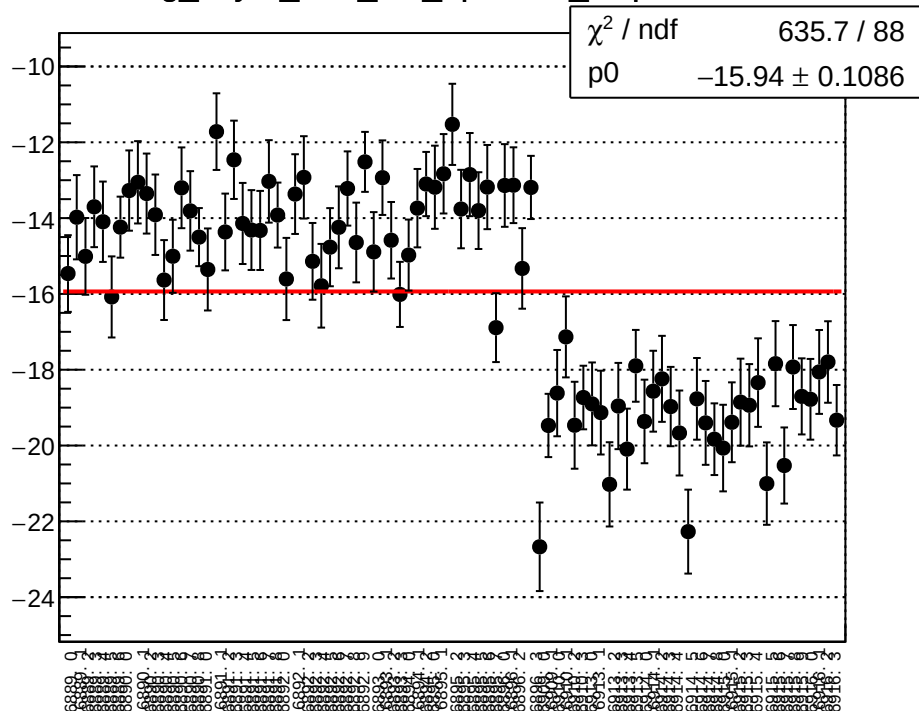
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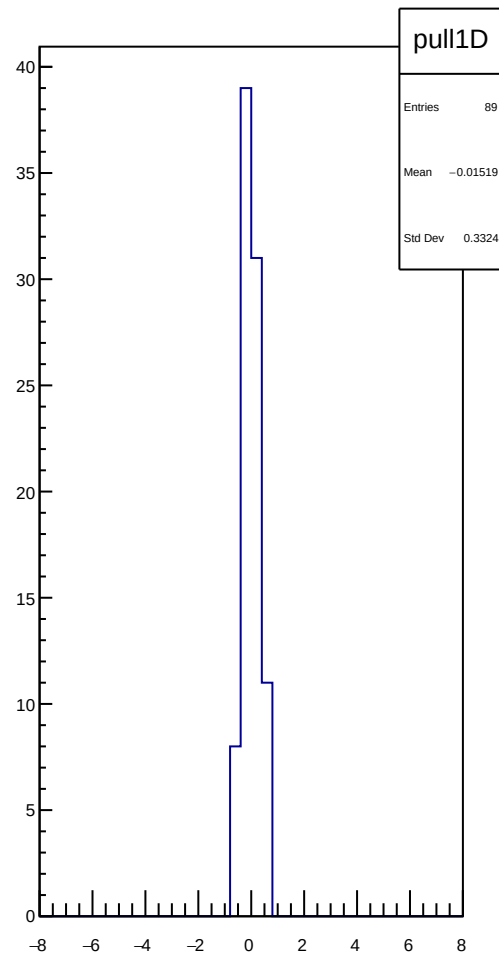
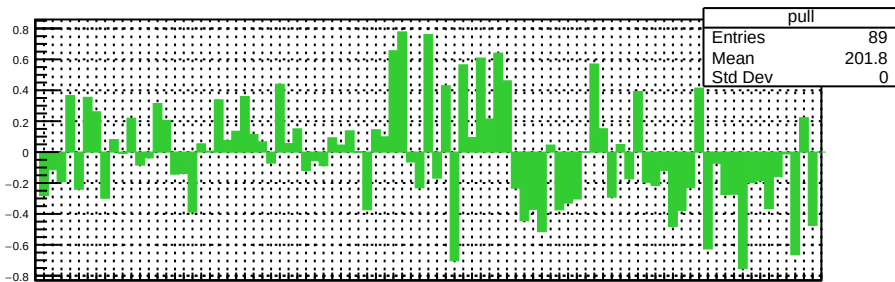
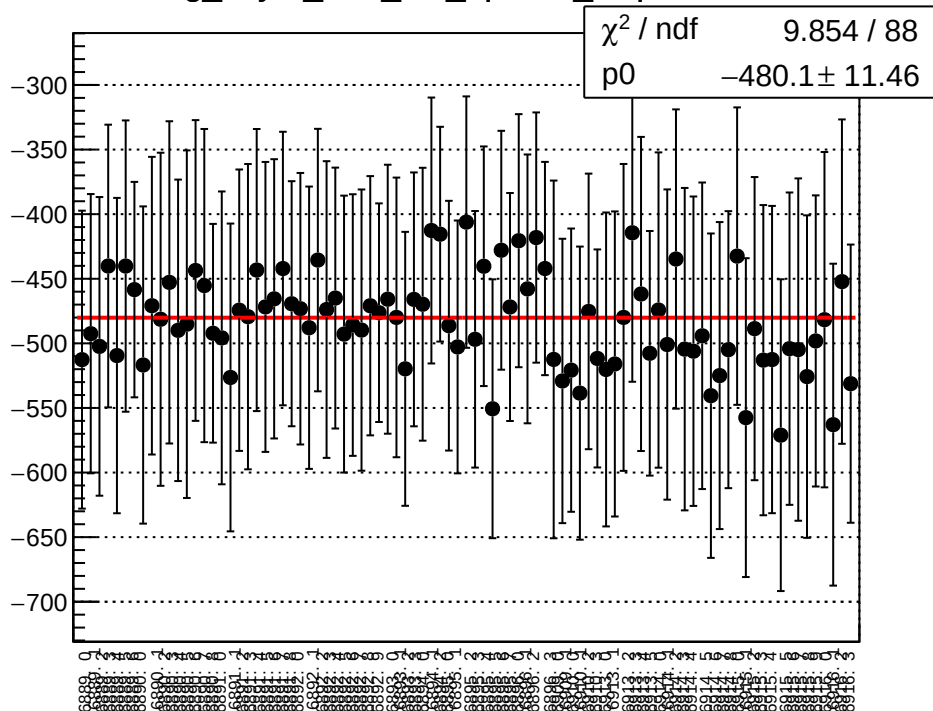
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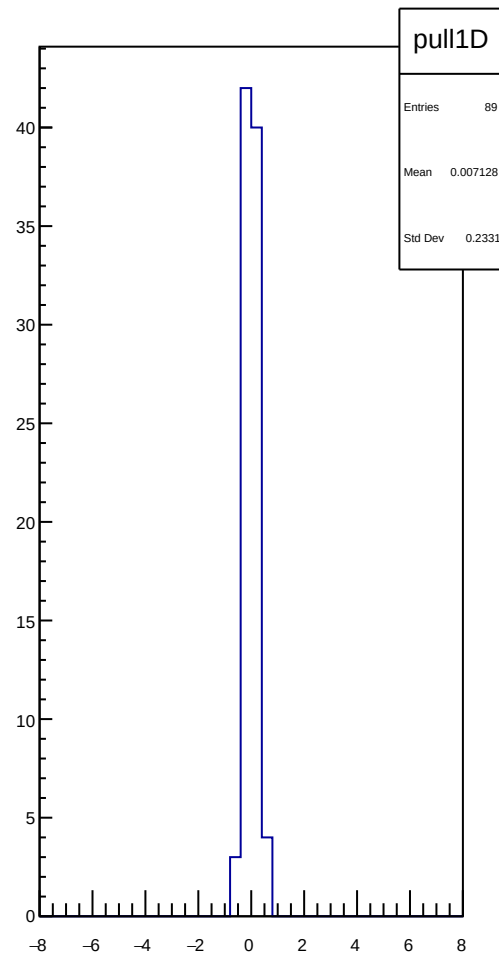
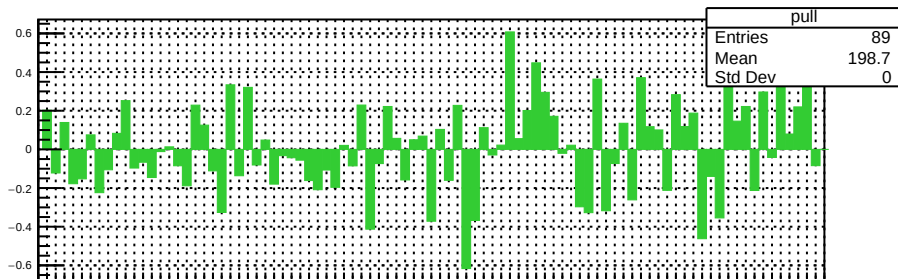
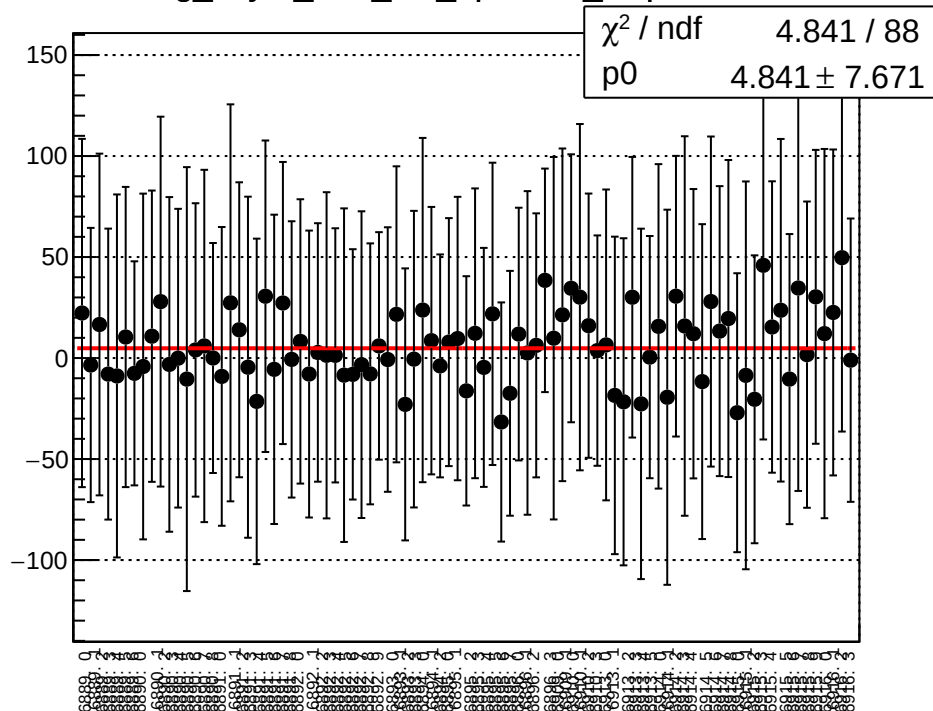
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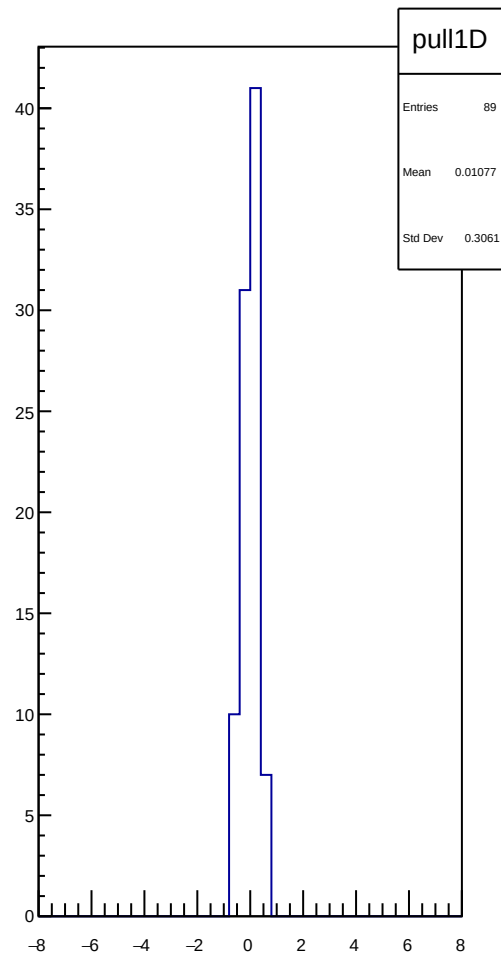
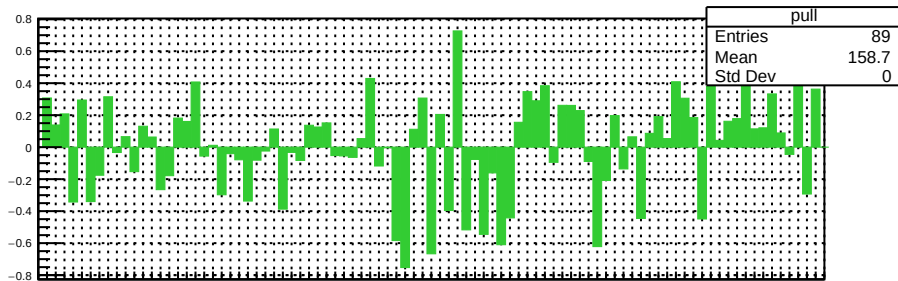
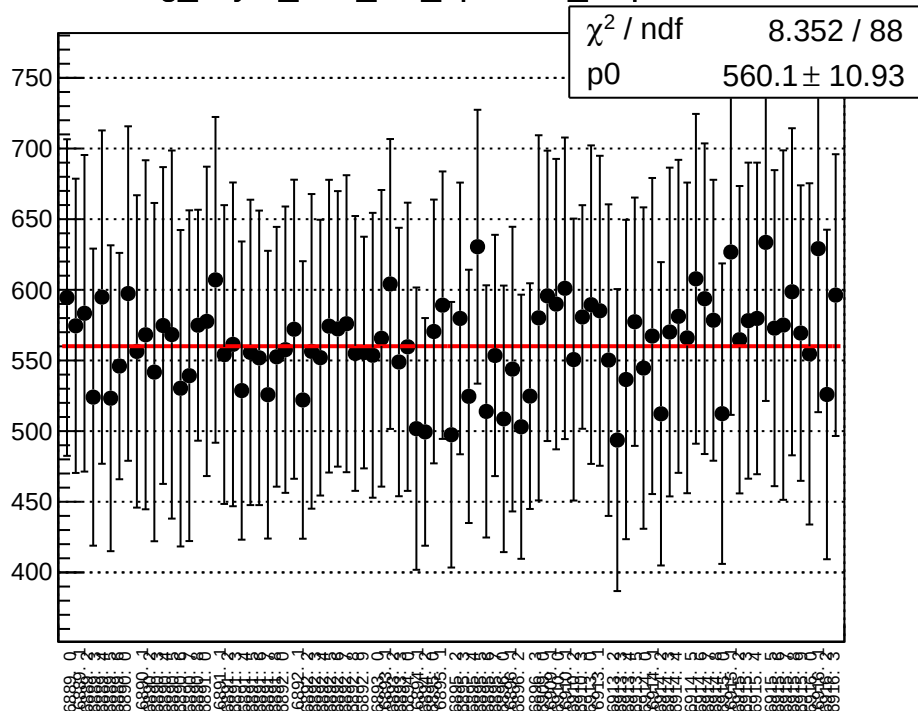
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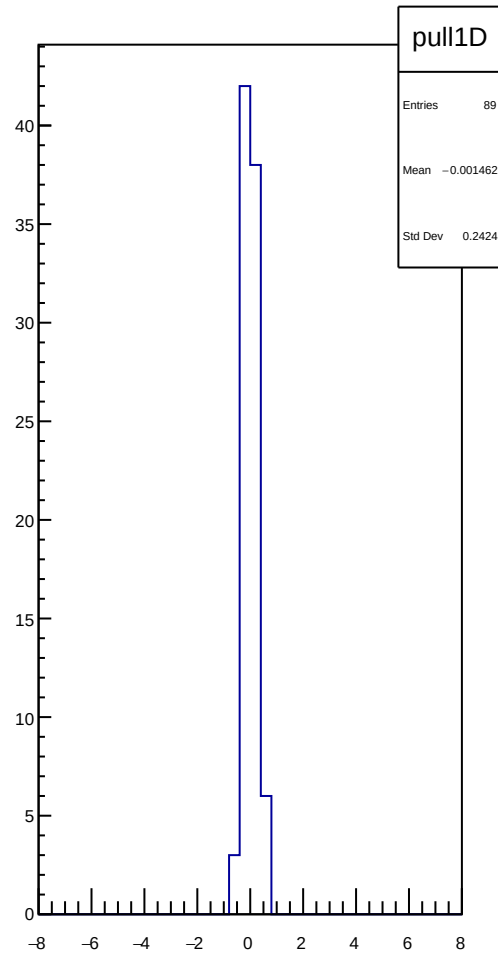
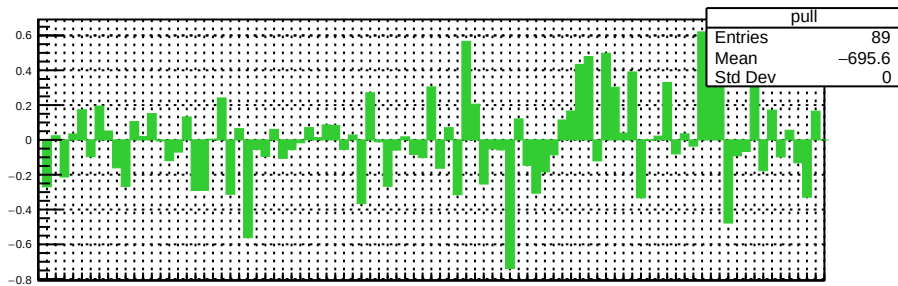
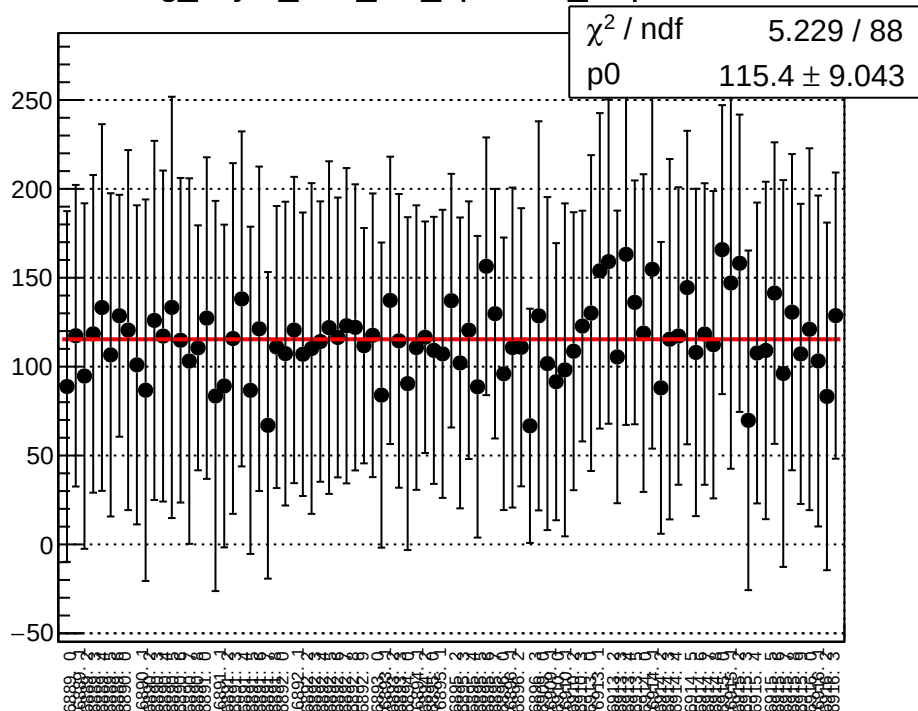
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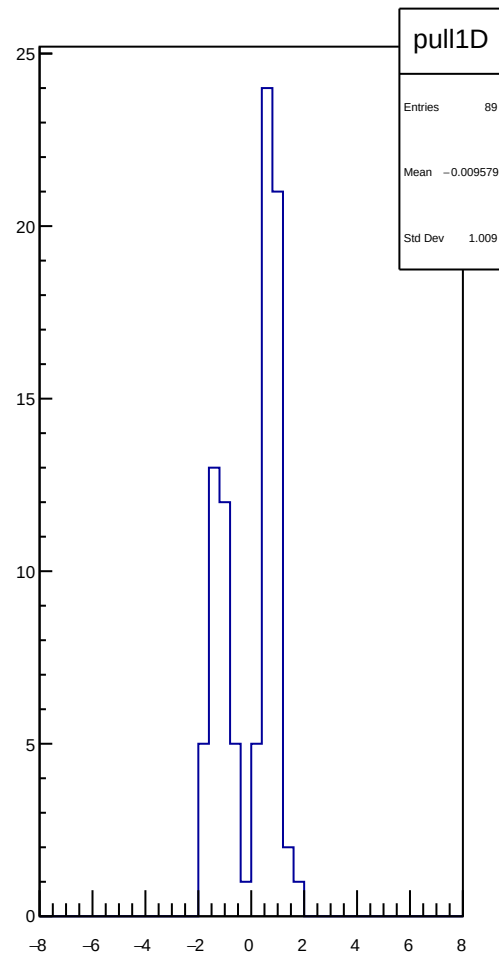
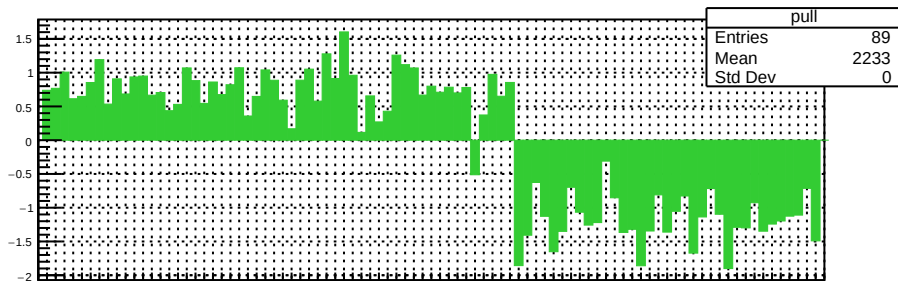
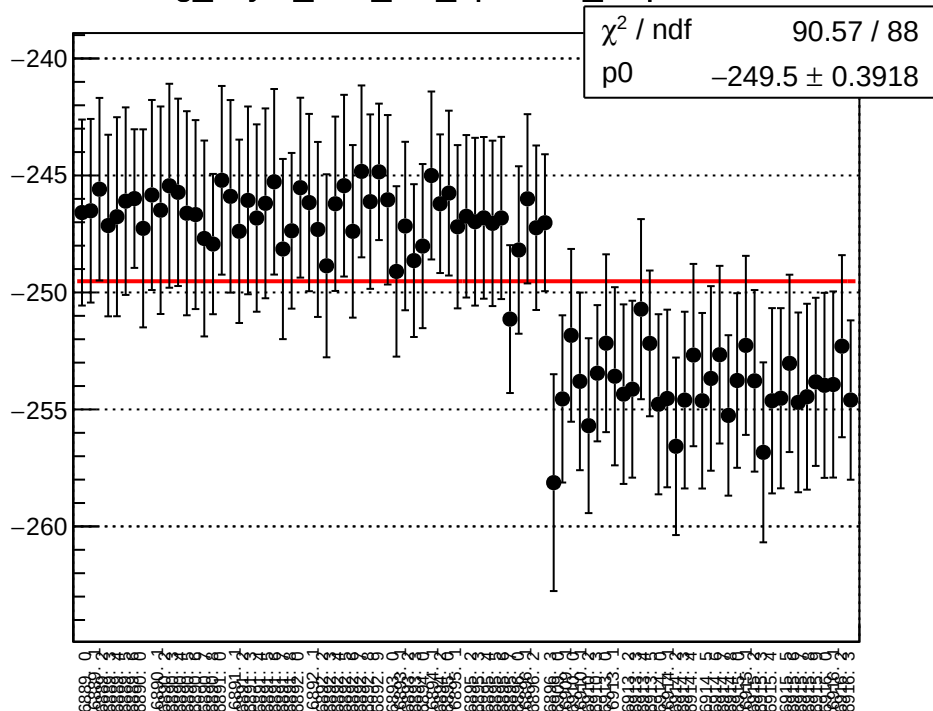
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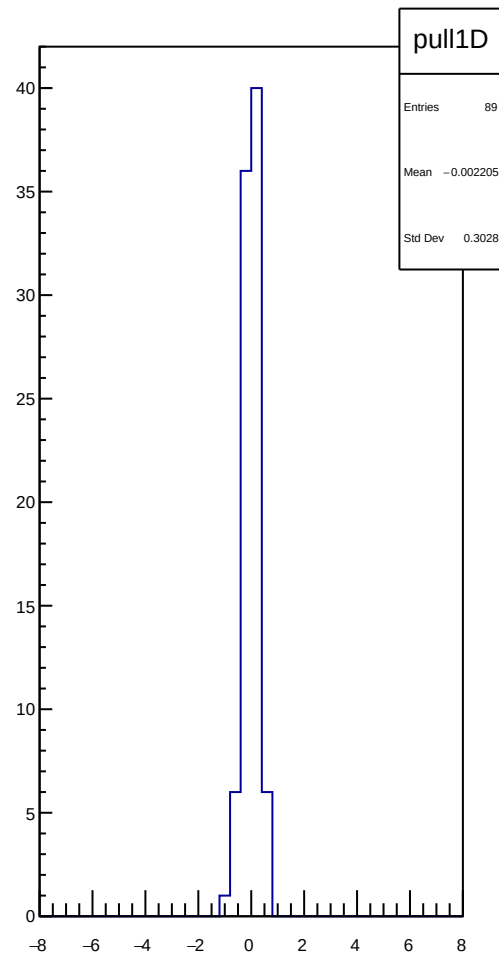
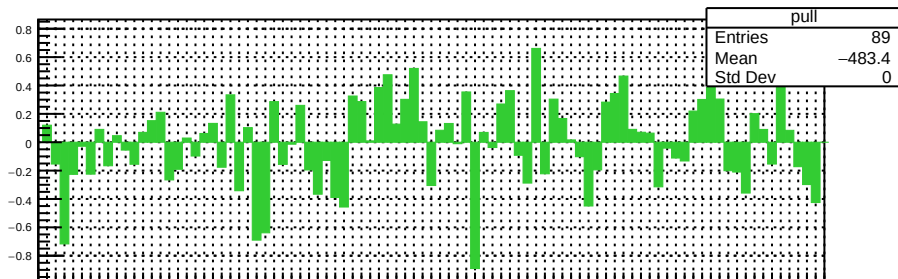
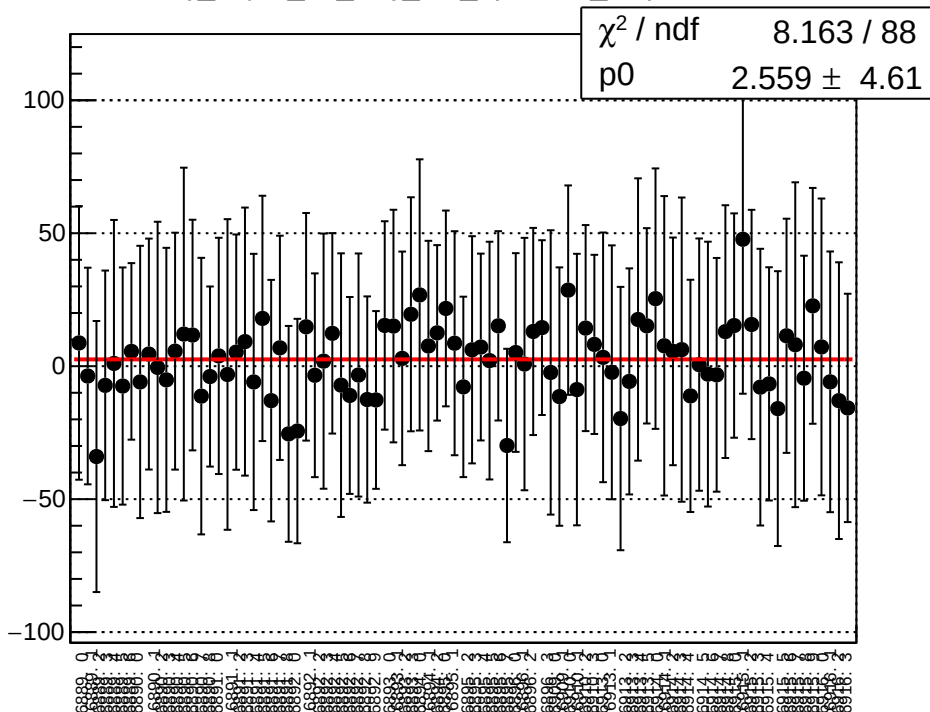
reg_asym_atr2_diff_bpm4eY_slope vs run



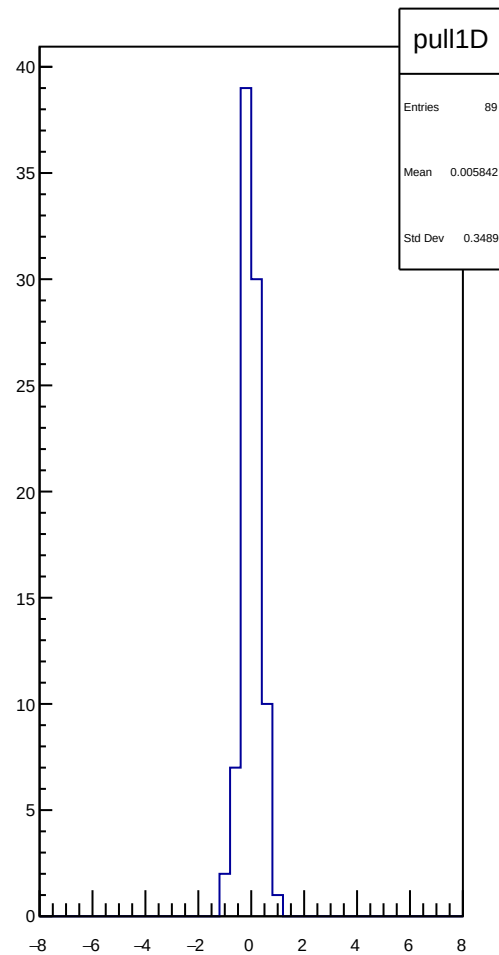
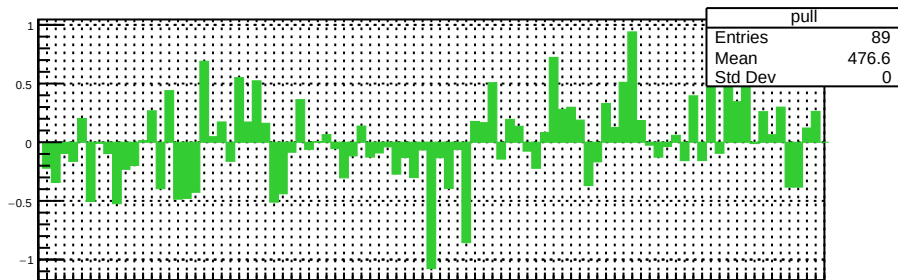
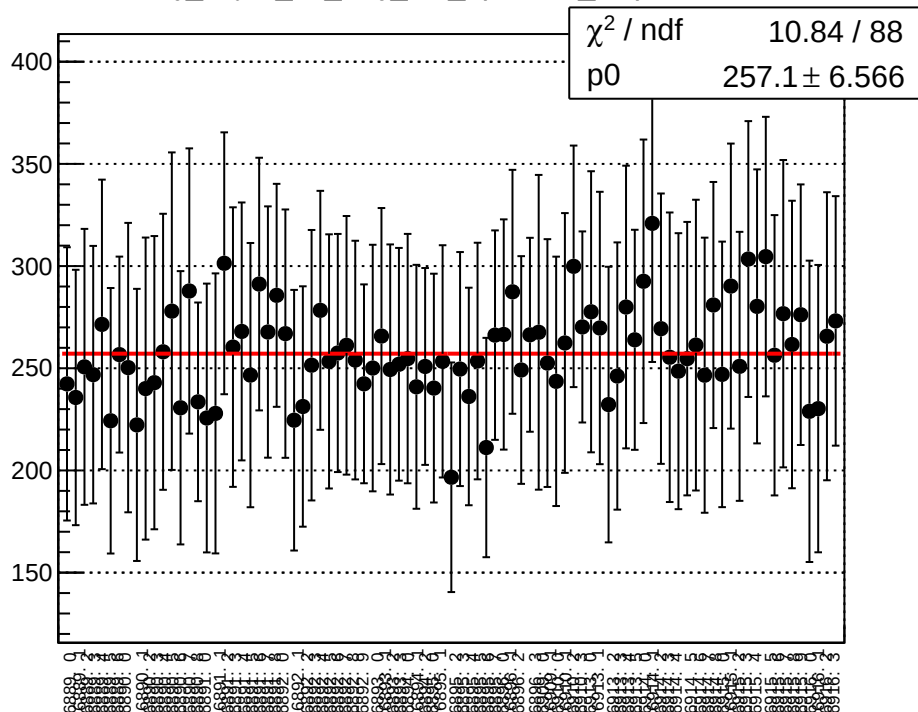
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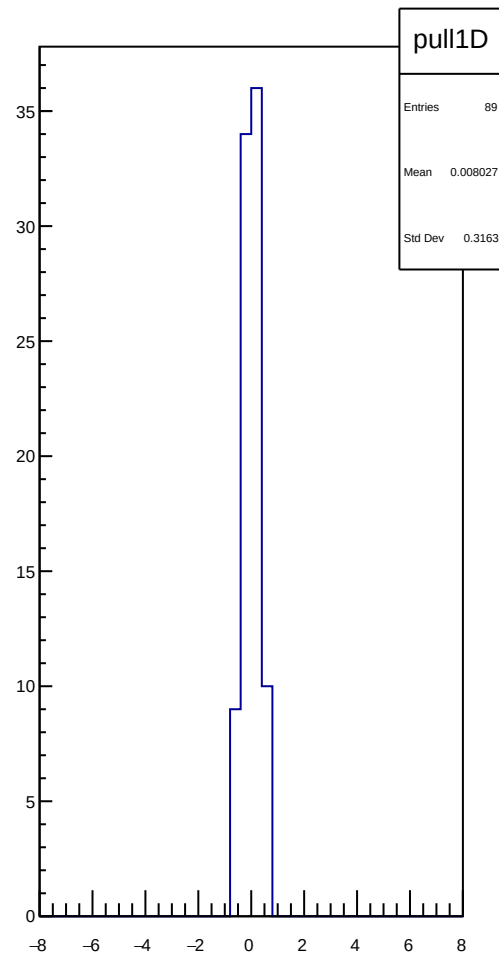
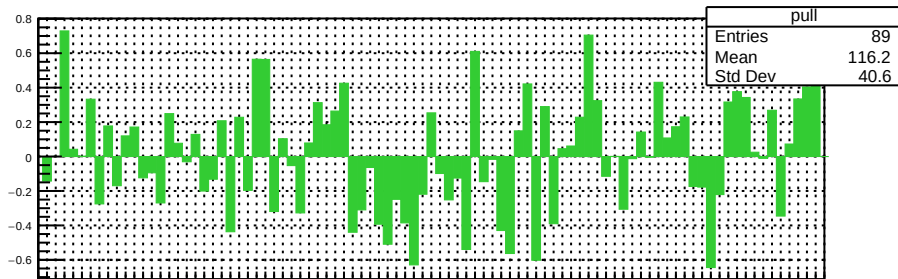
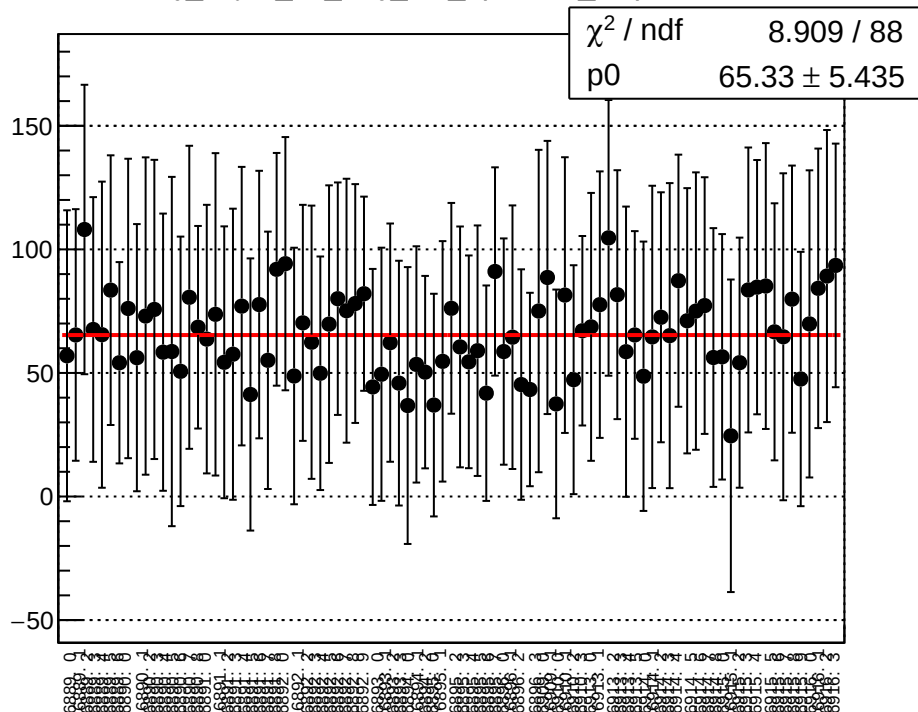
reg_asym_atl_avg_diff_bpm4aY_slope vs run



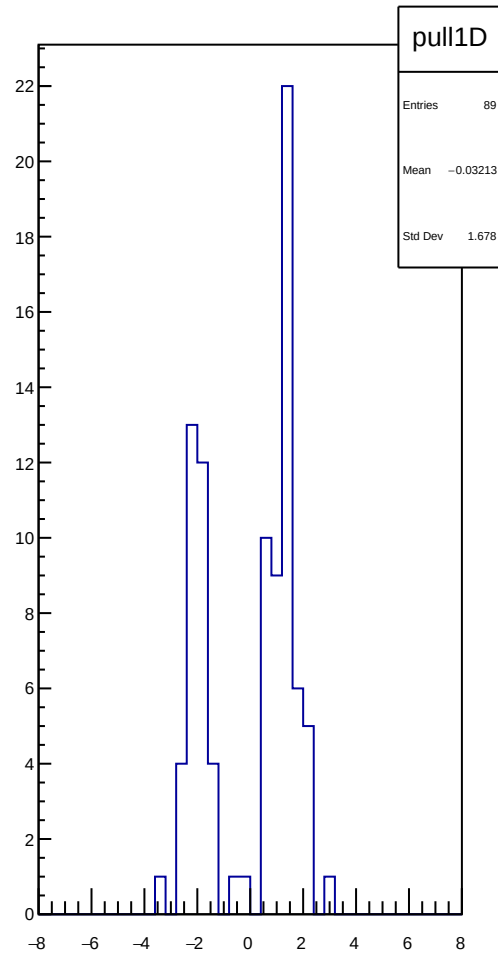
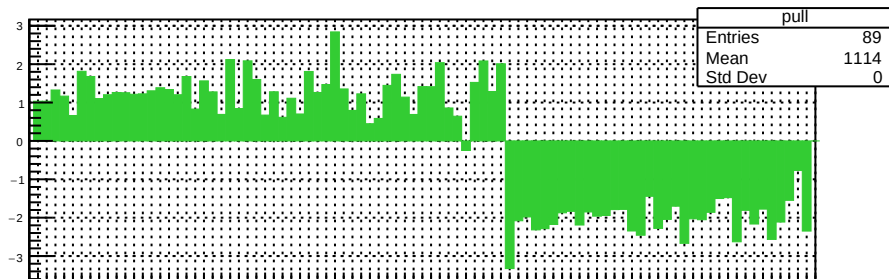
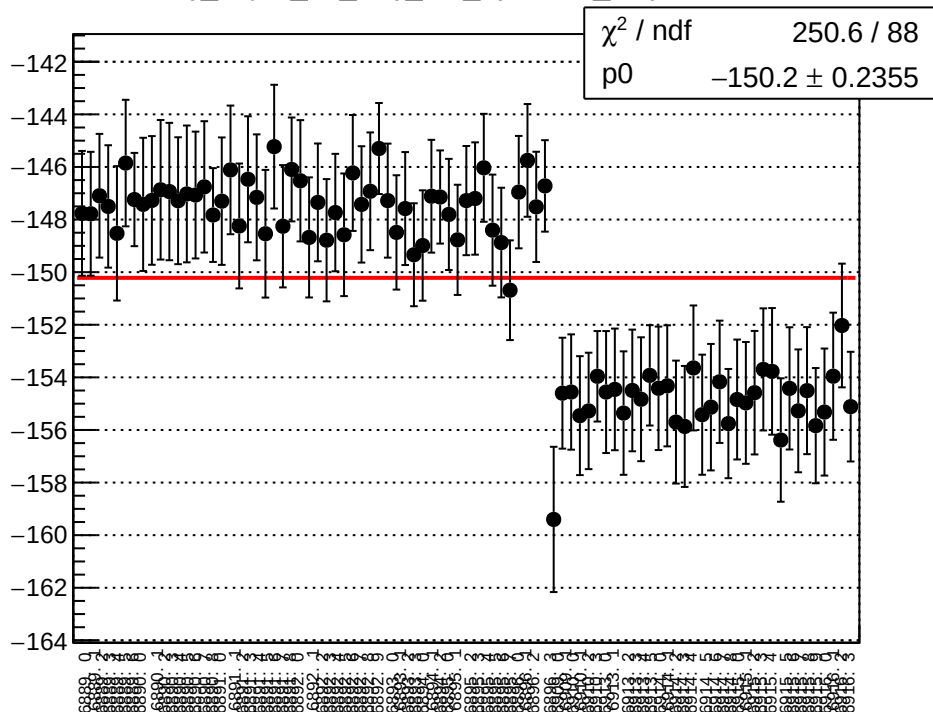
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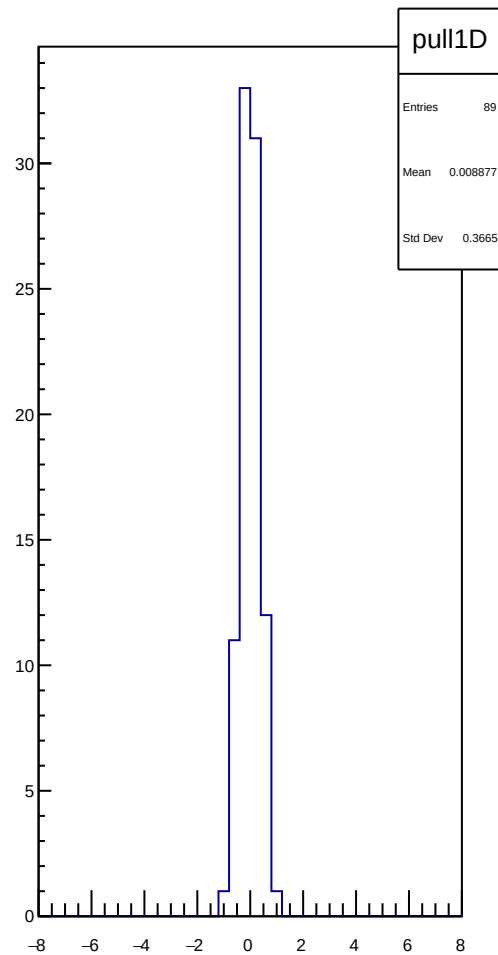
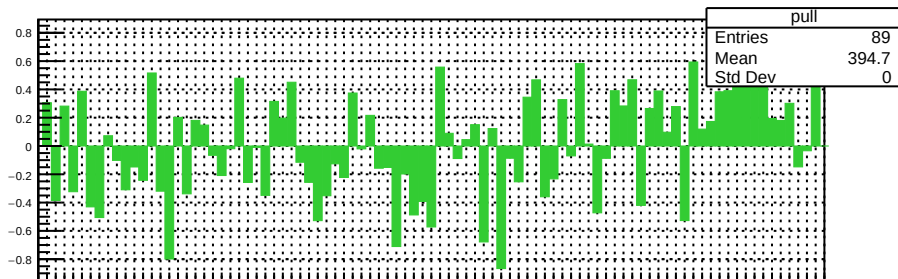
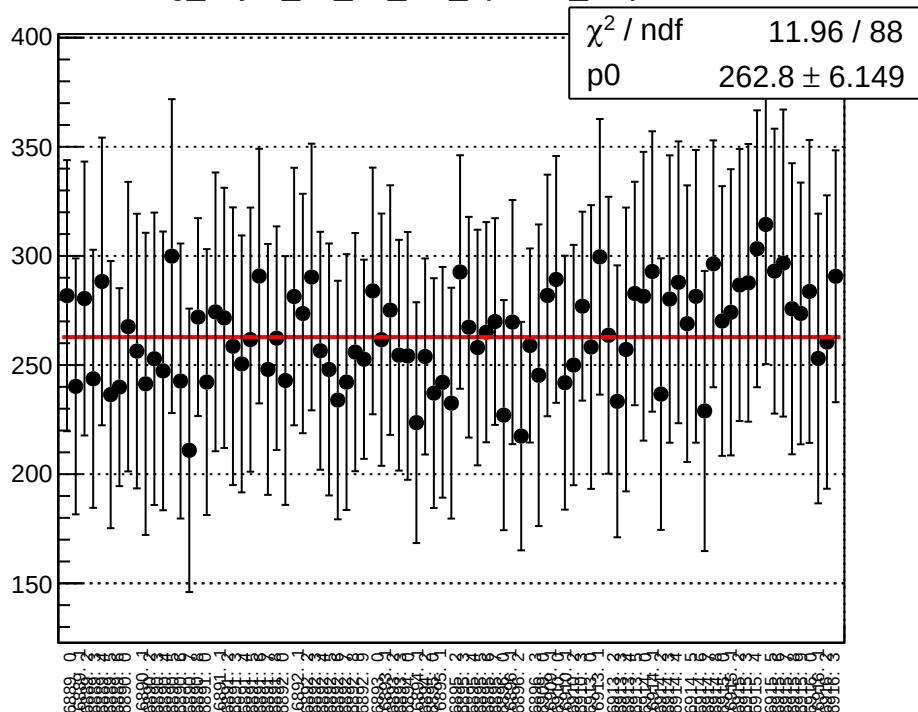
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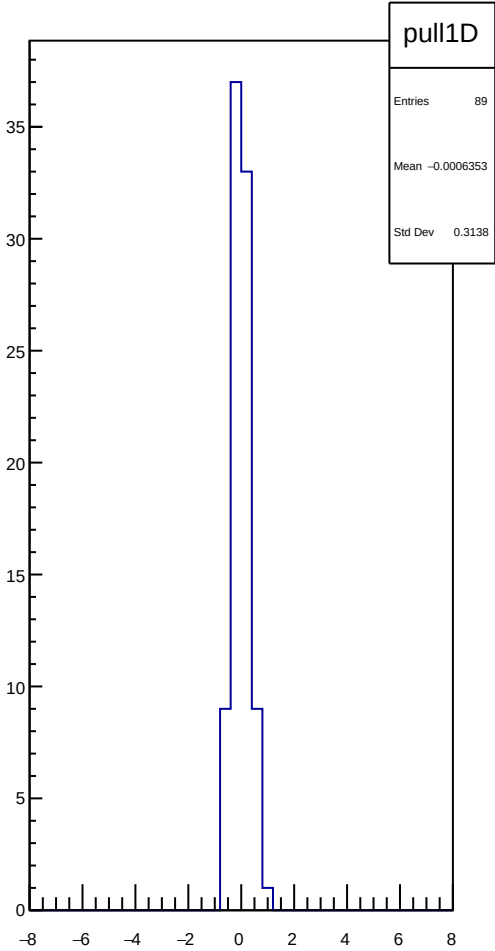
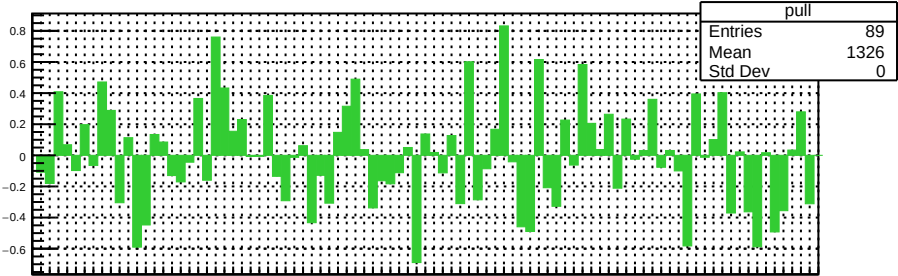
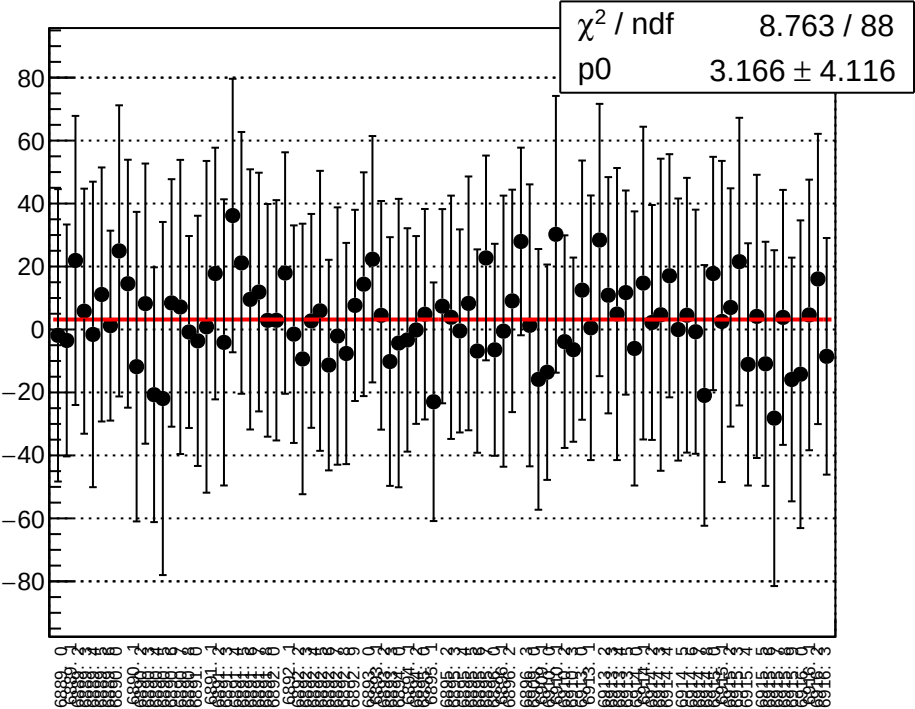
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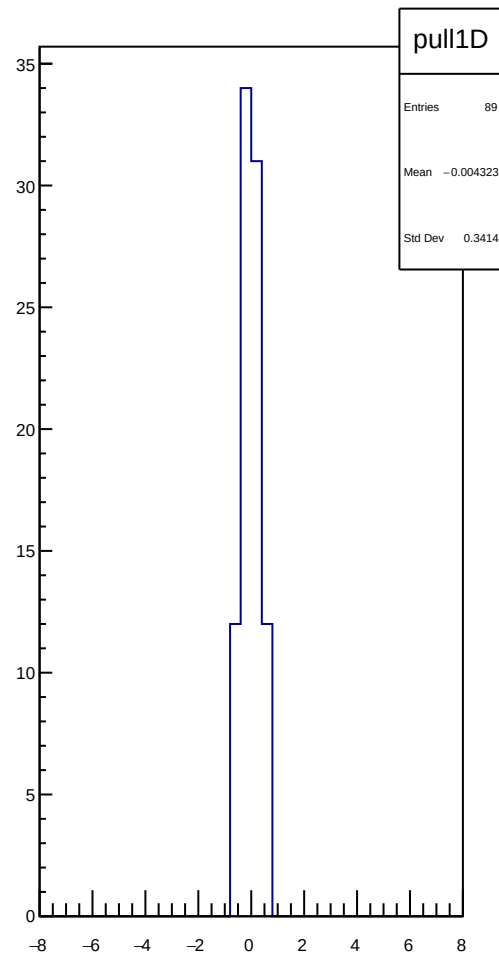
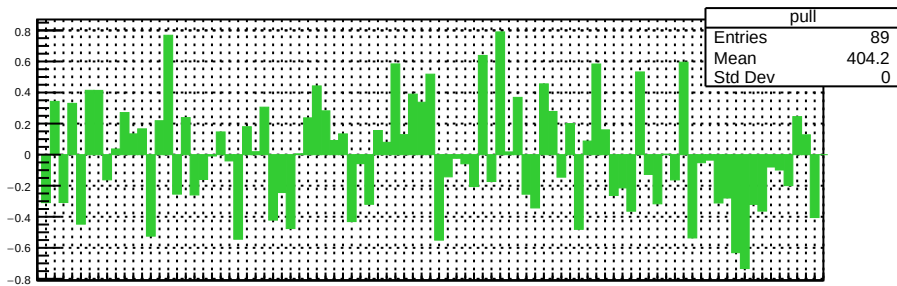
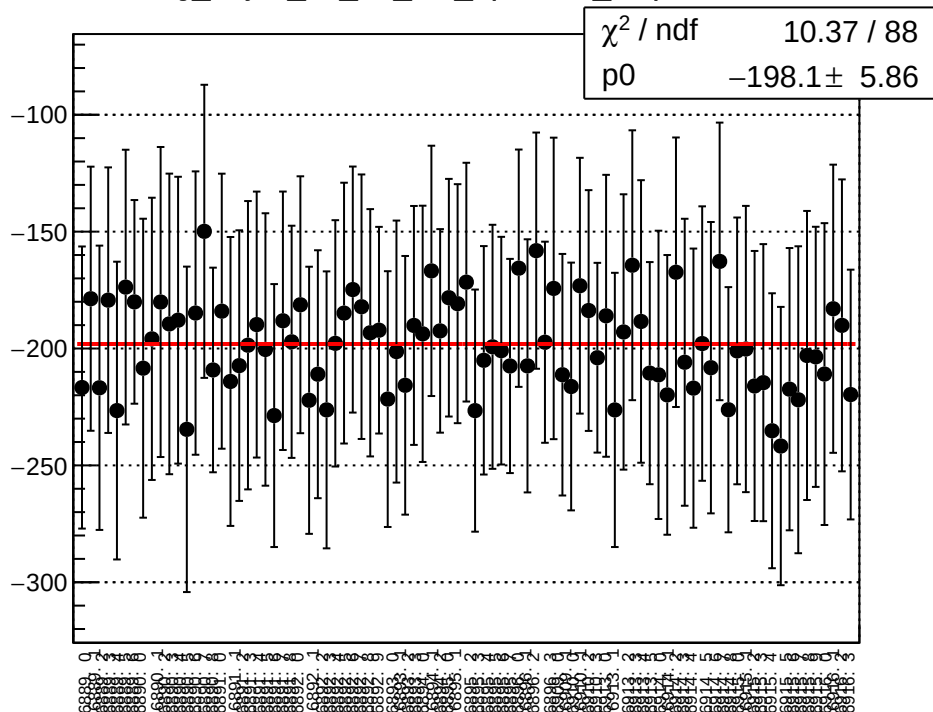
reg_asym_atl_dd_diff_bpm1X_slope vs run



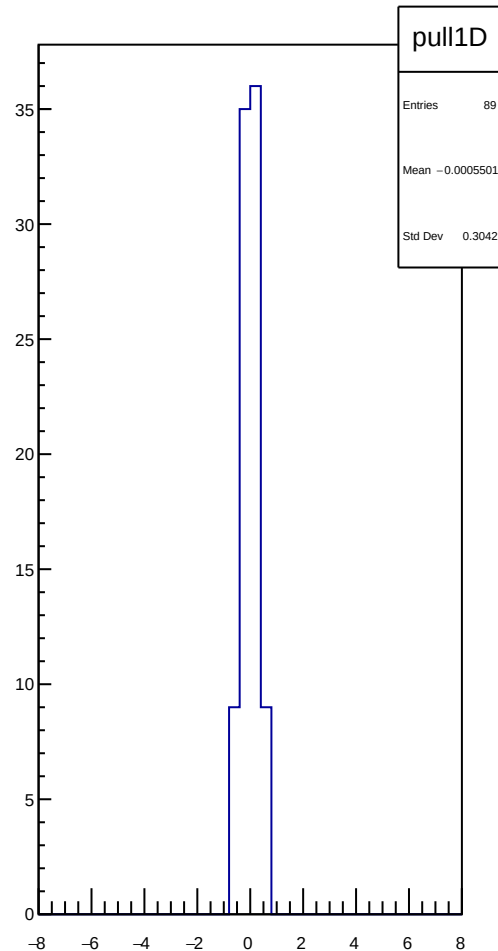
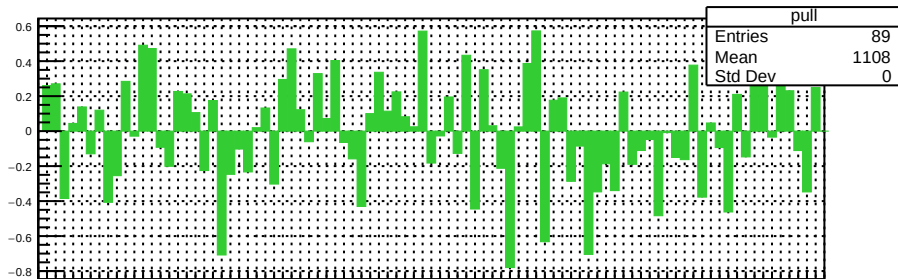
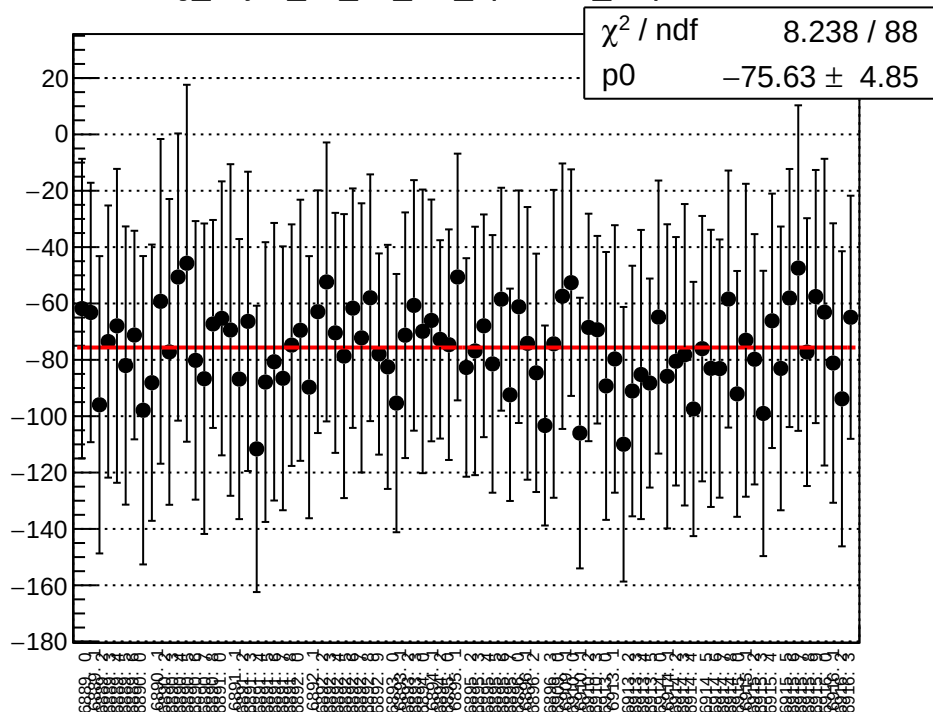
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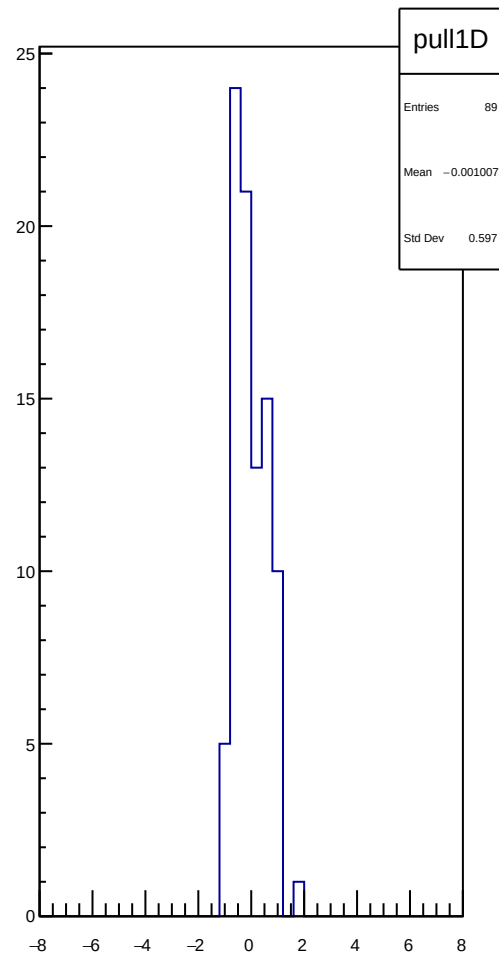
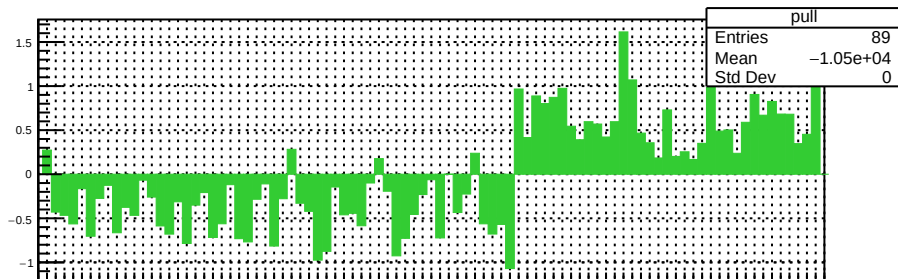
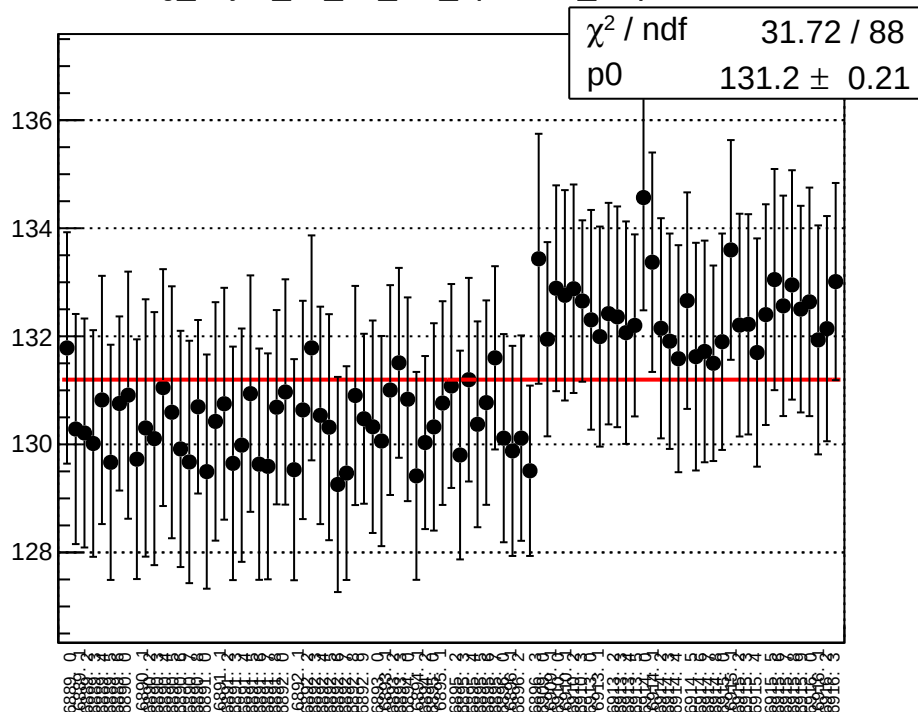
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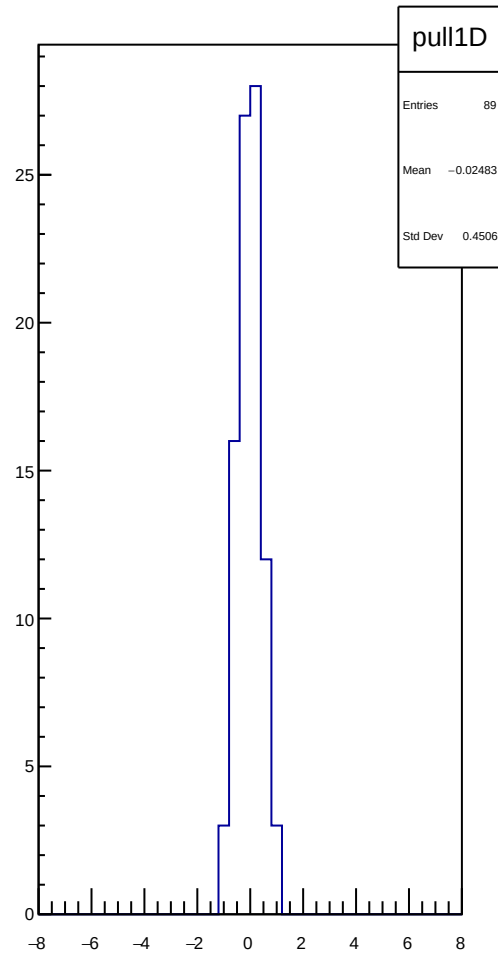
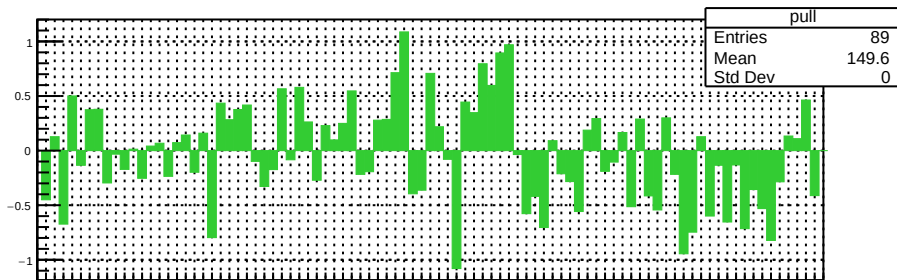
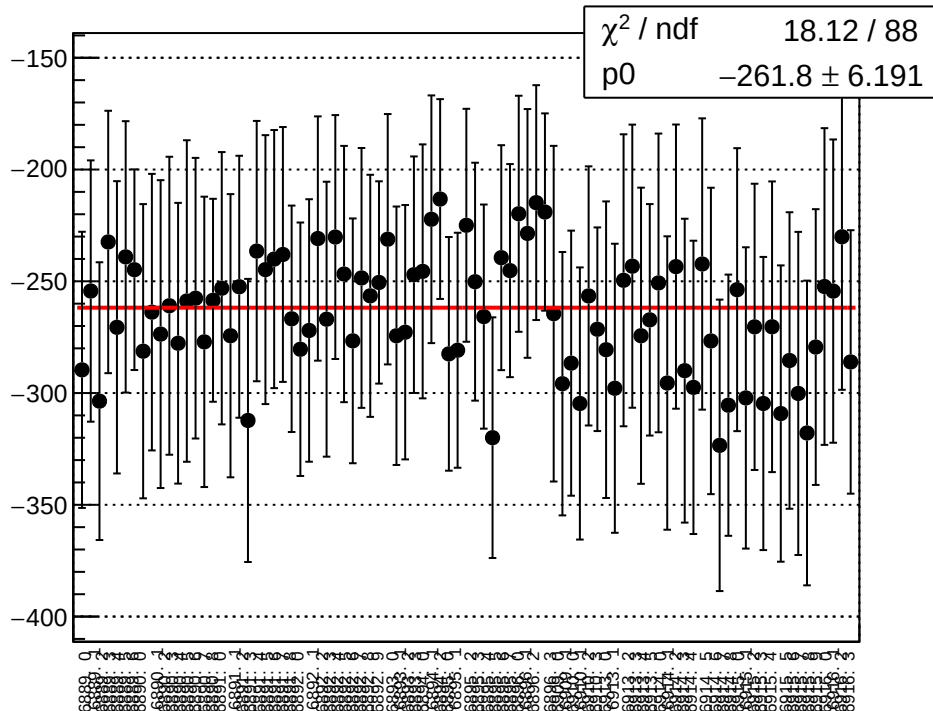
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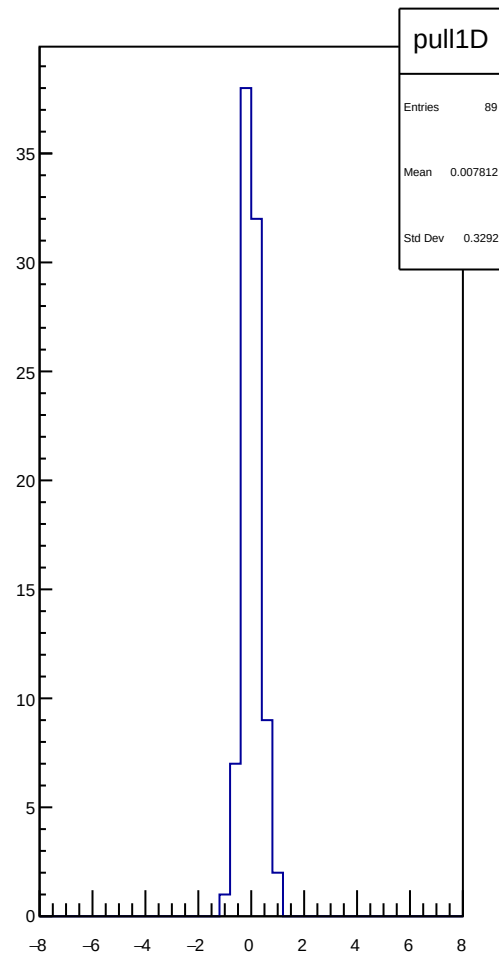
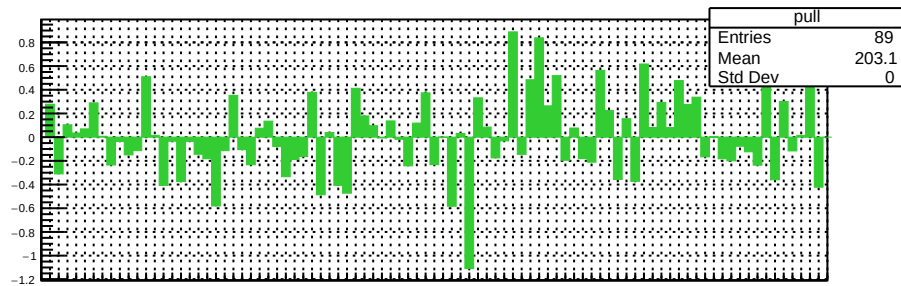
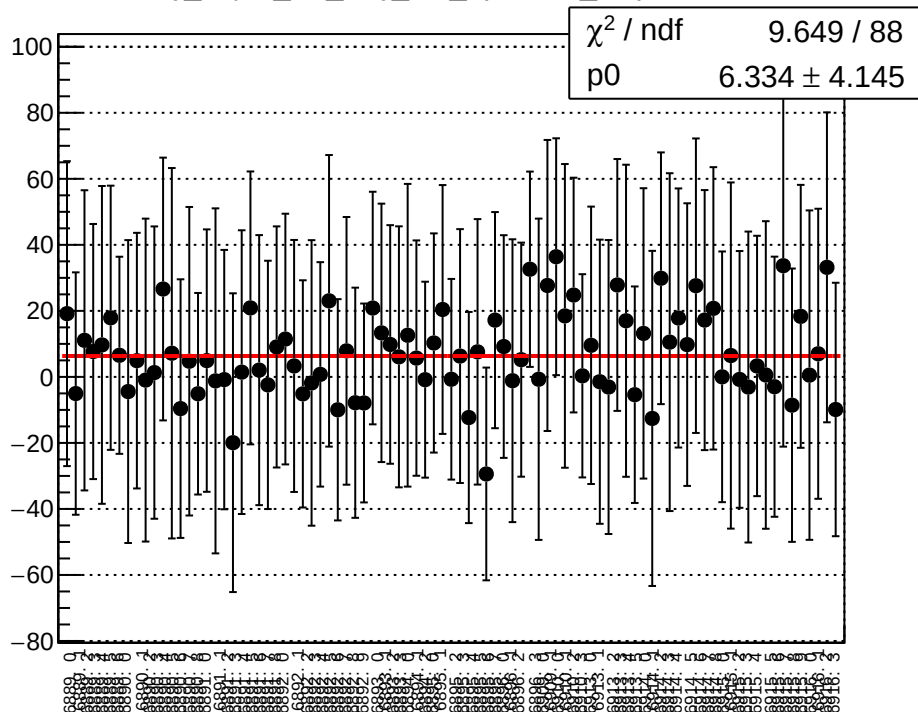
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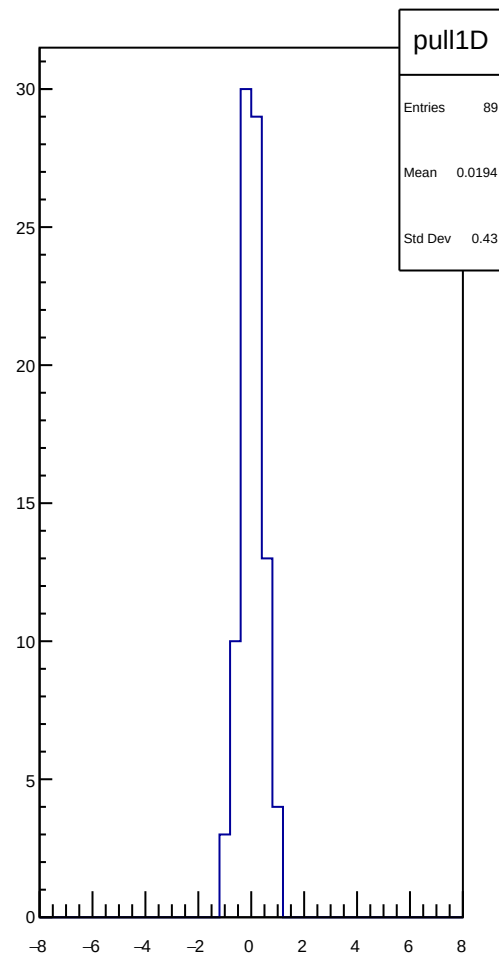
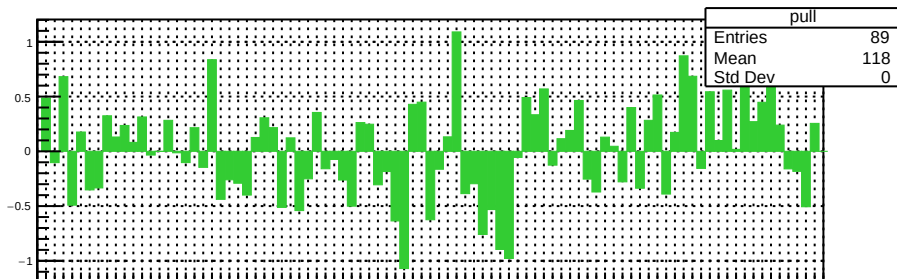
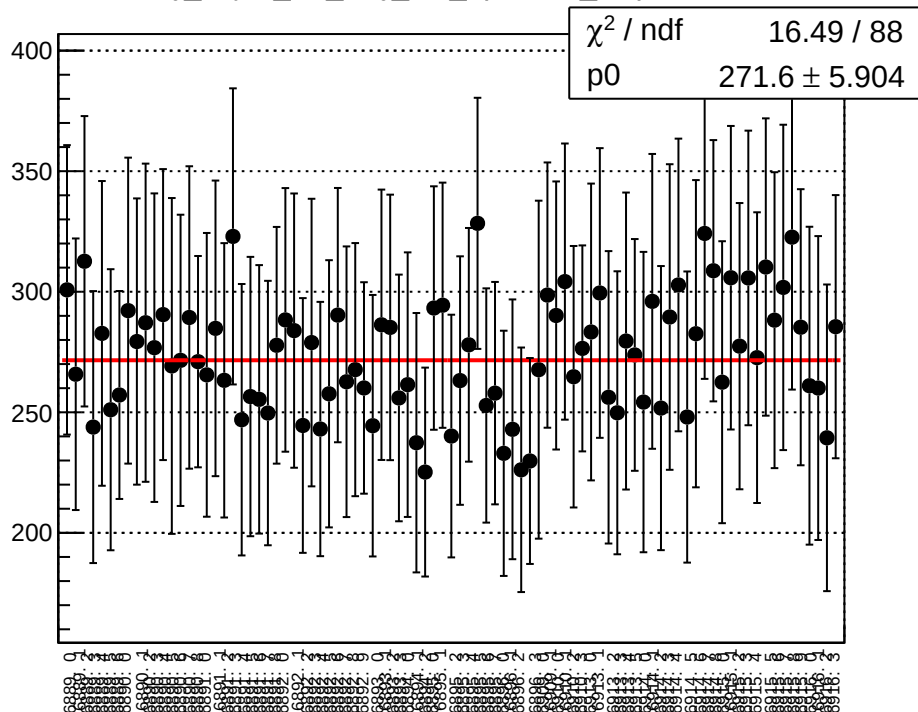
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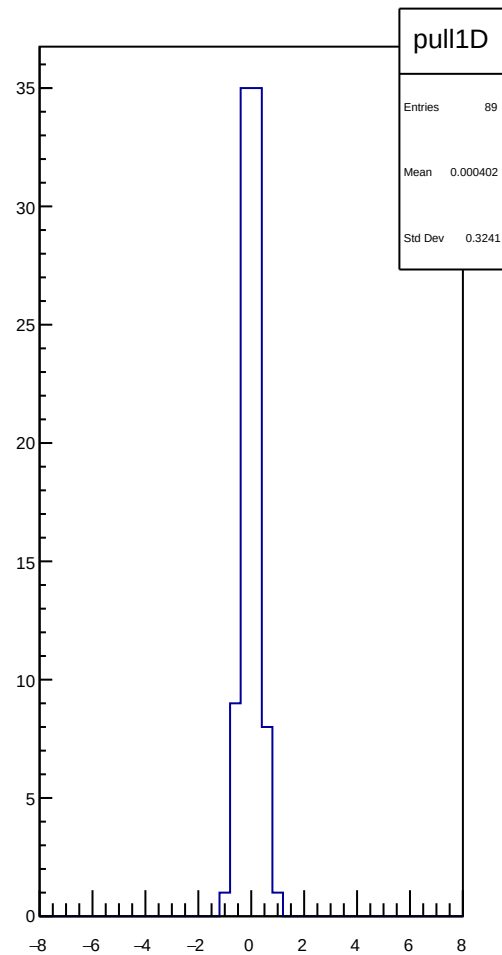
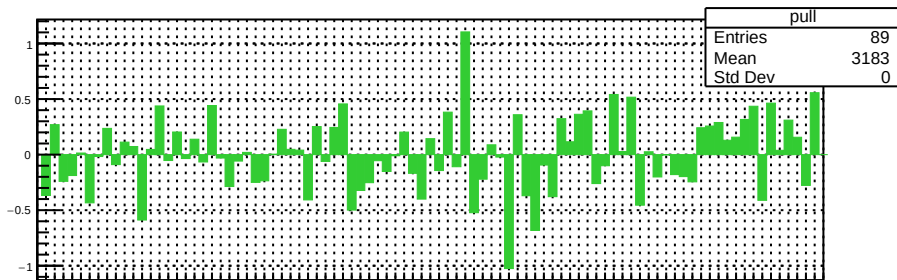
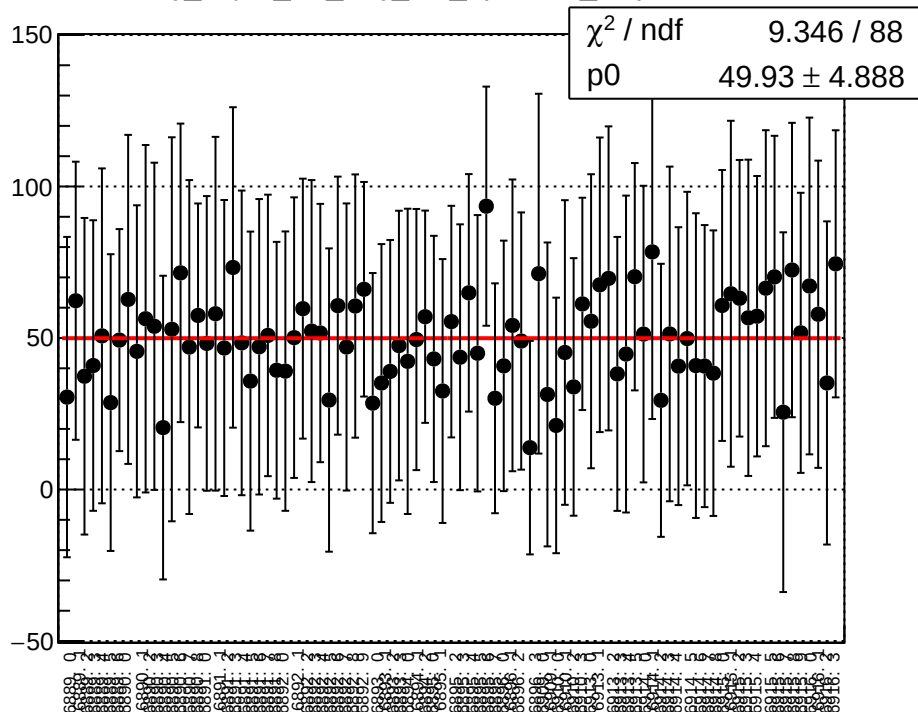
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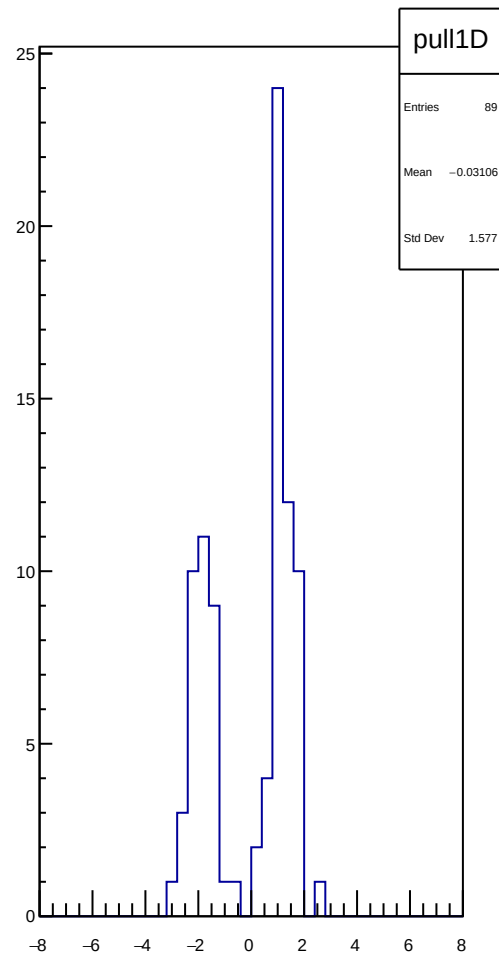
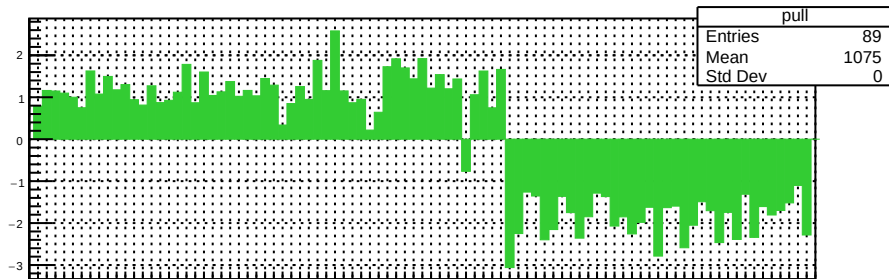
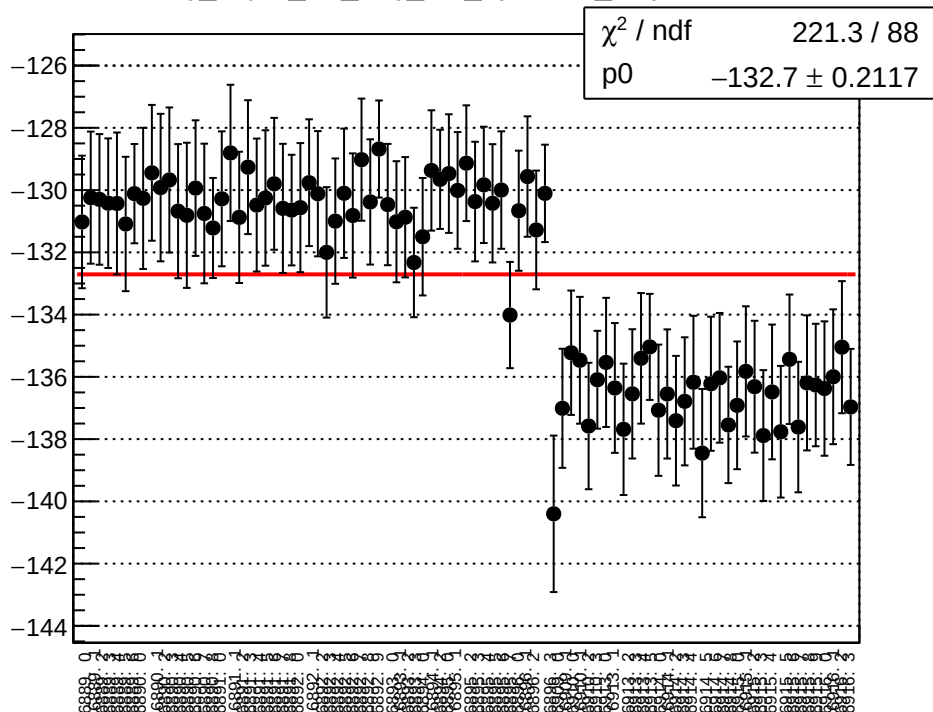
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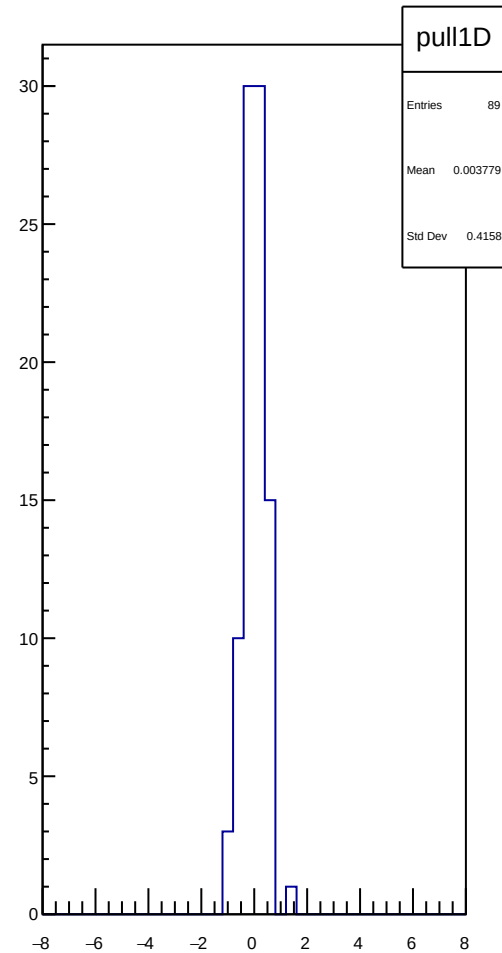
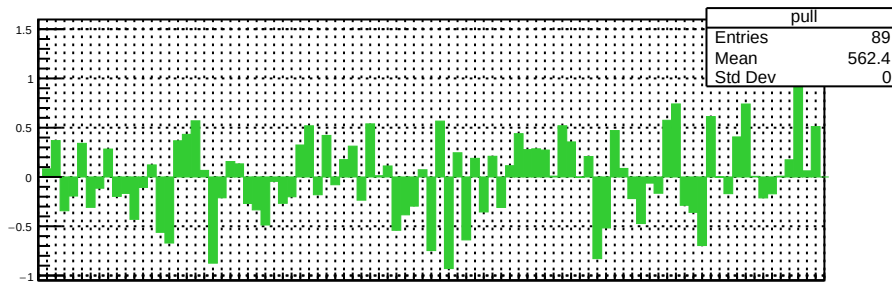
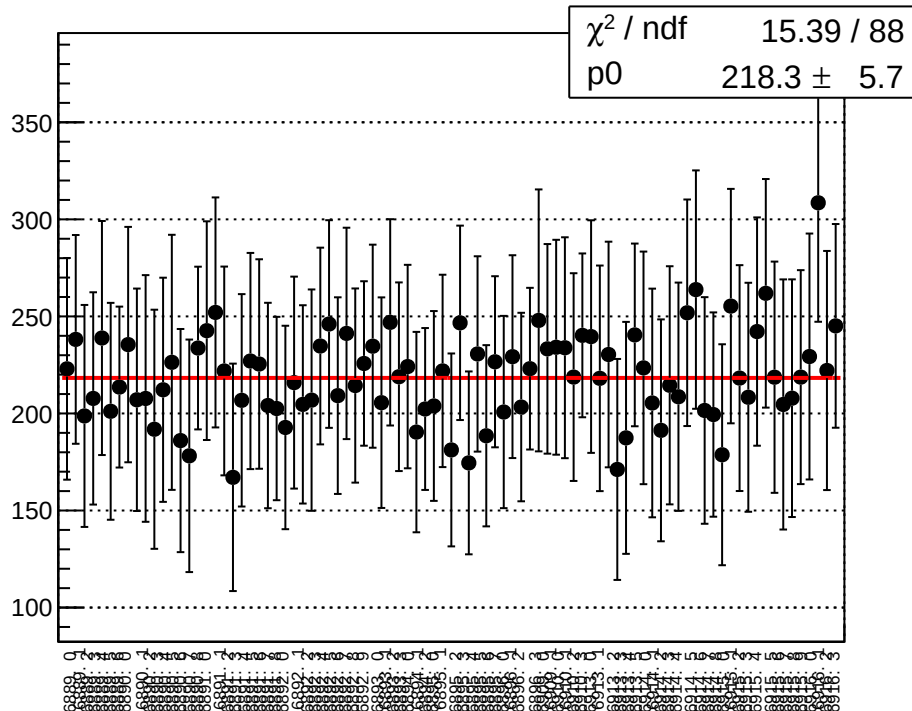
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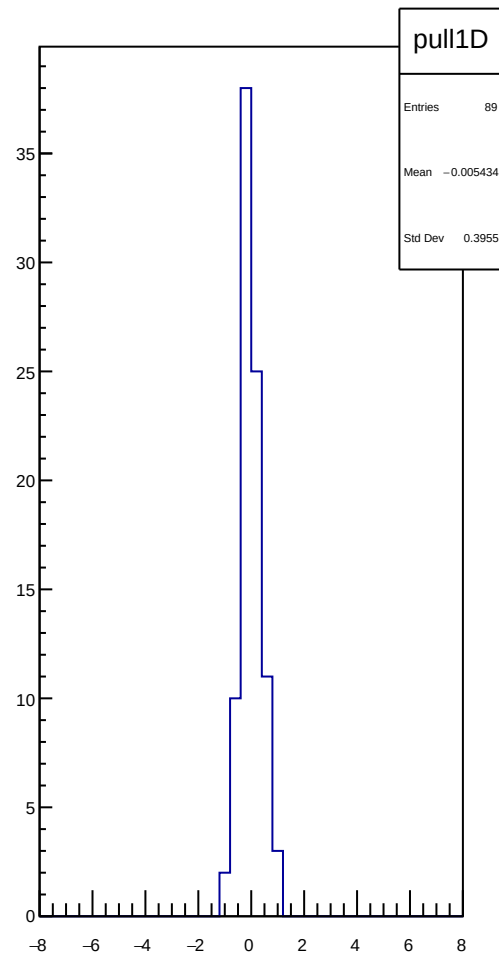
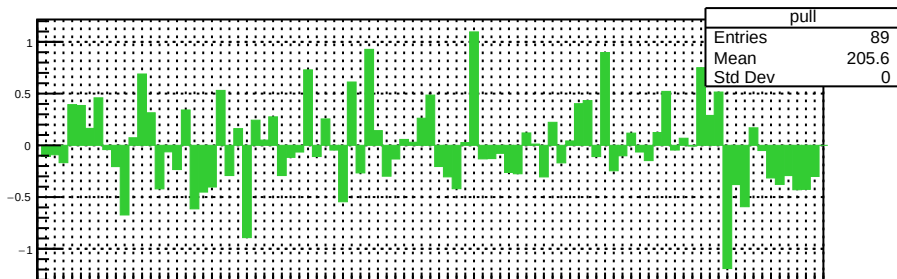
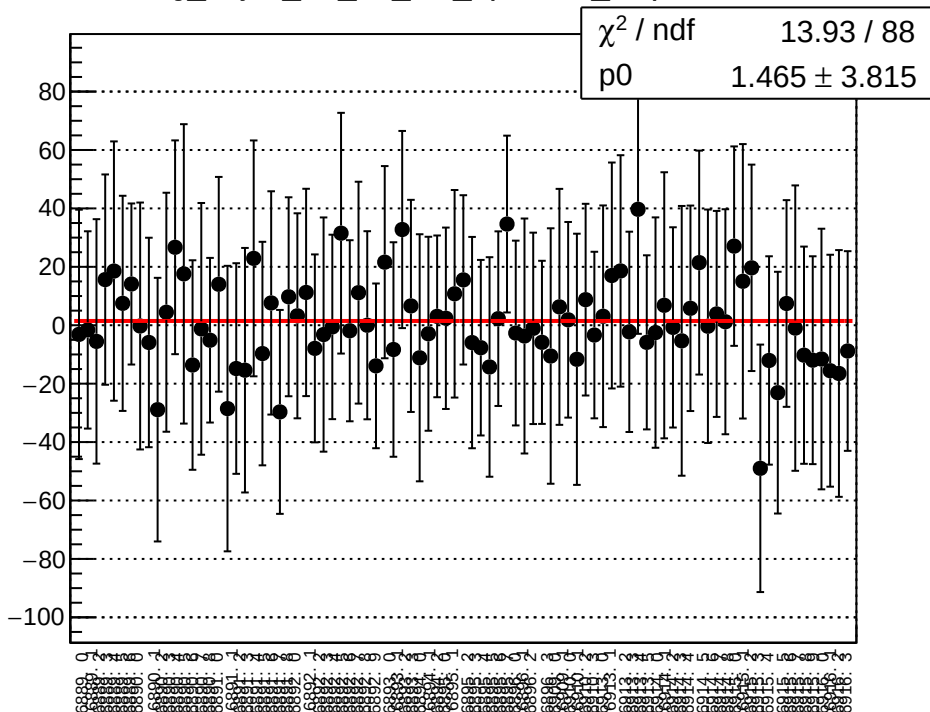
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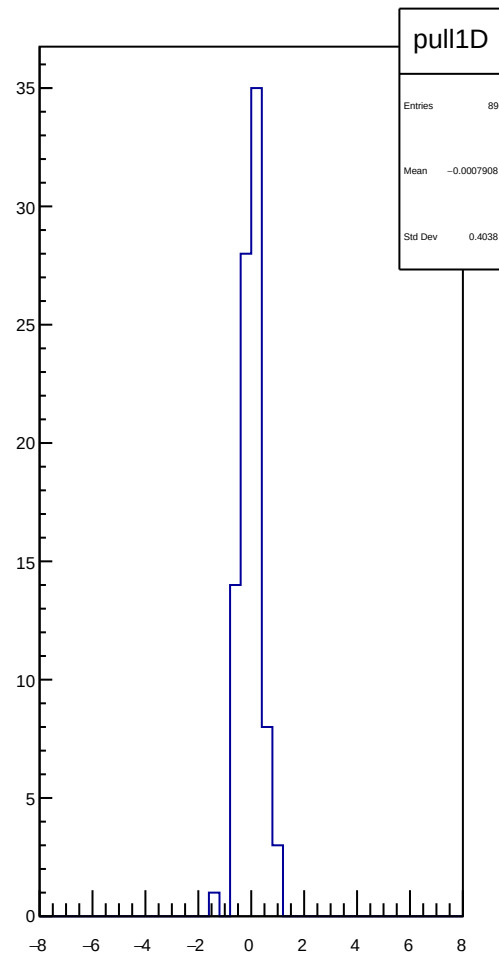
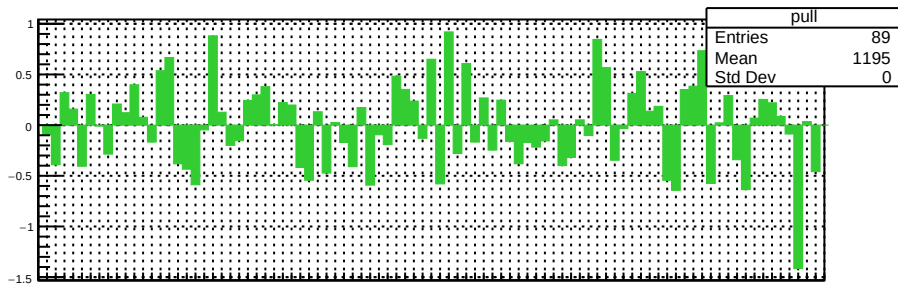
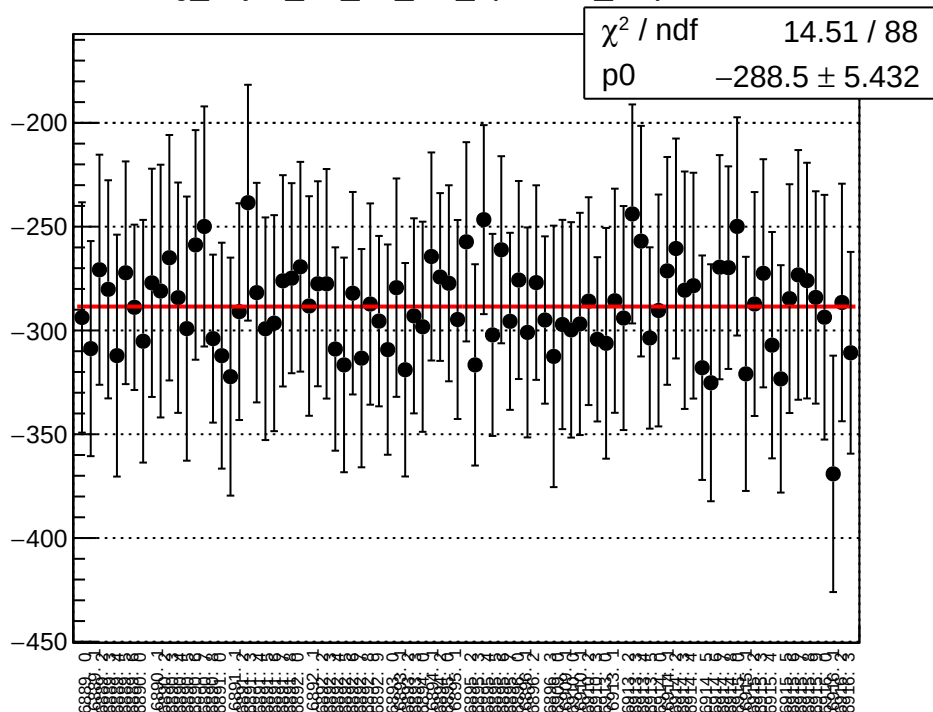
reg_asym_atr_dd_diff_bpm1X_slope vs run



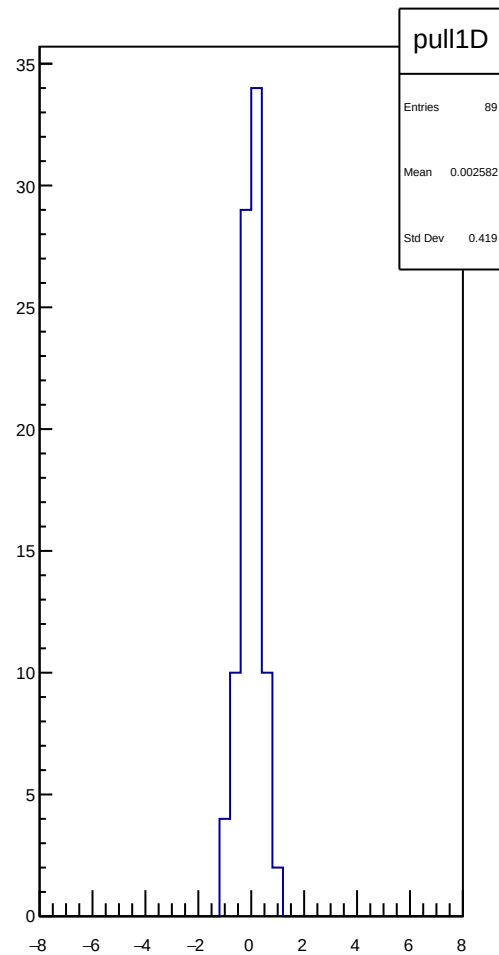
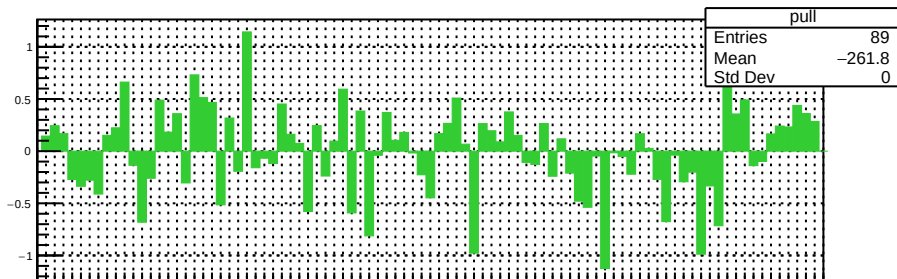
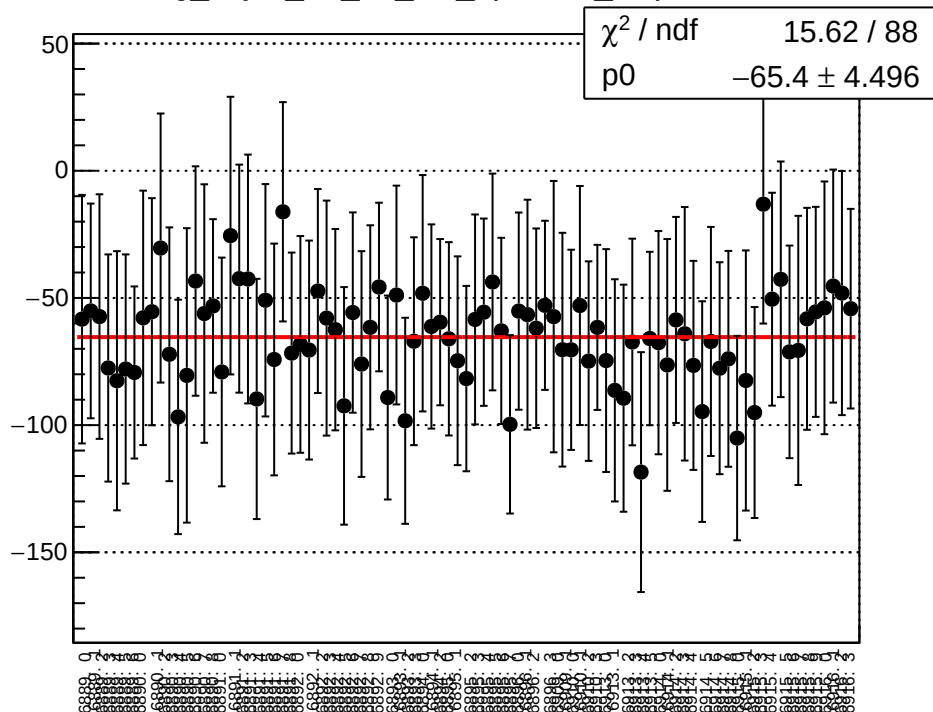
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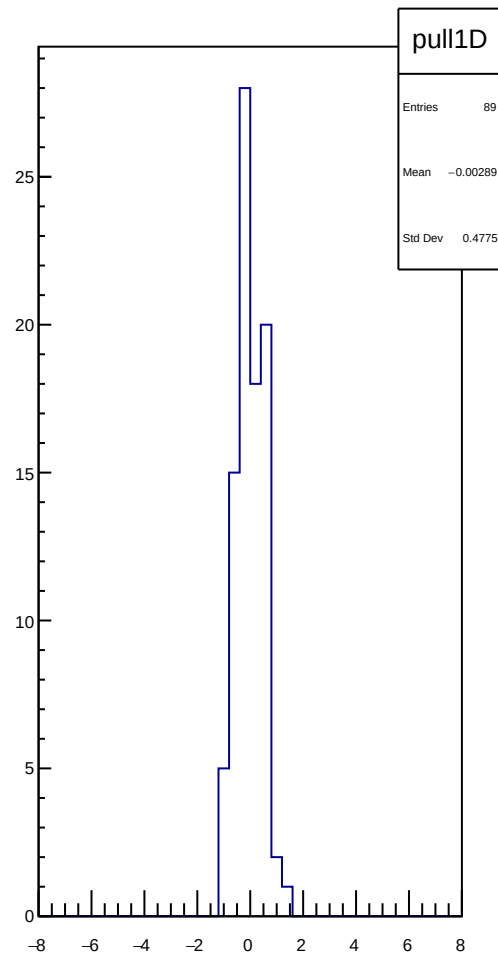
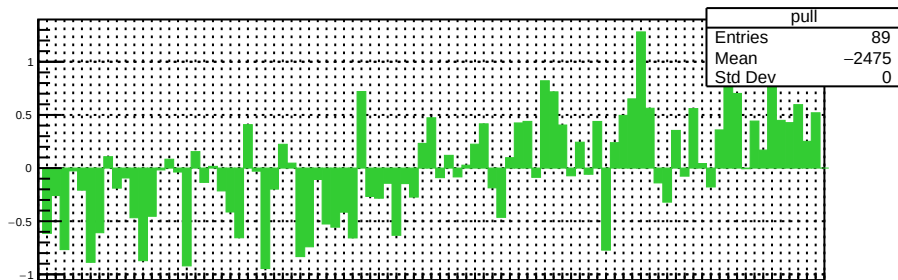
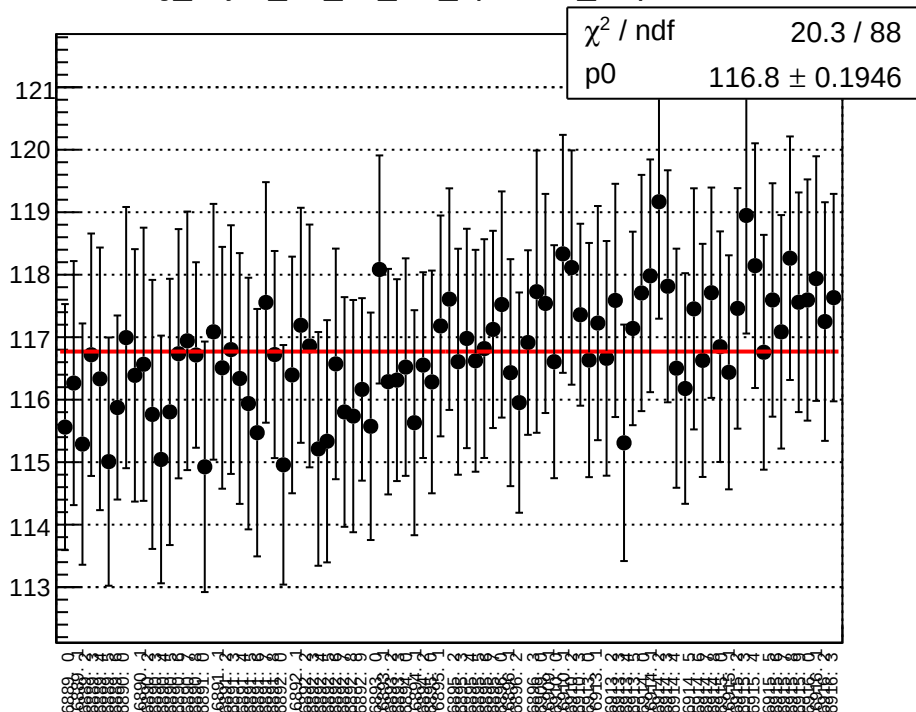
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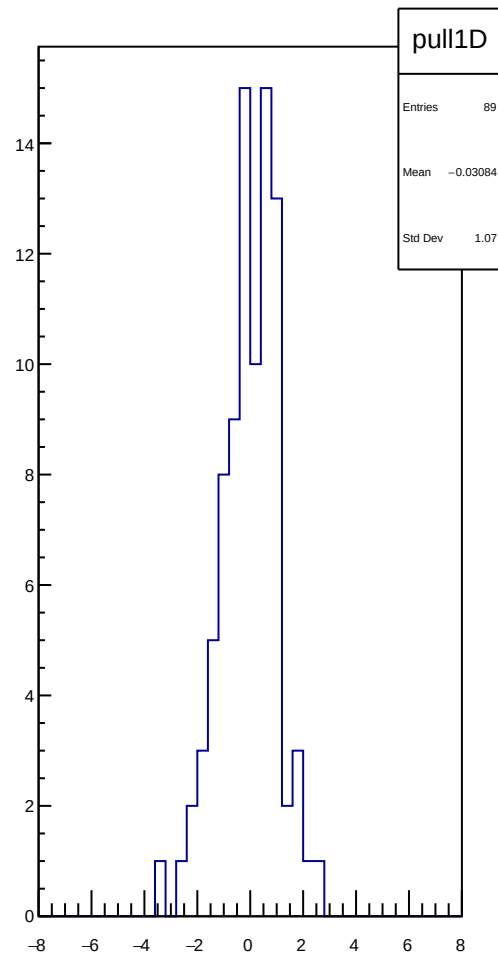
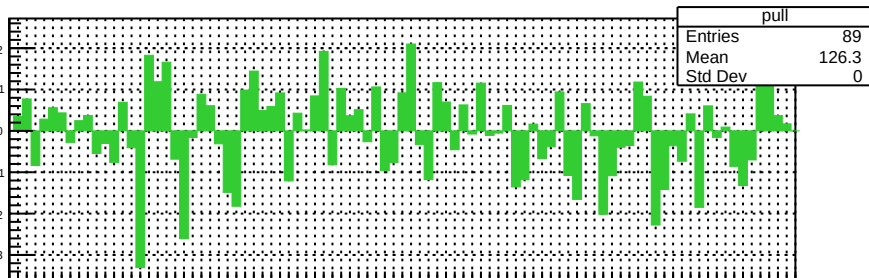
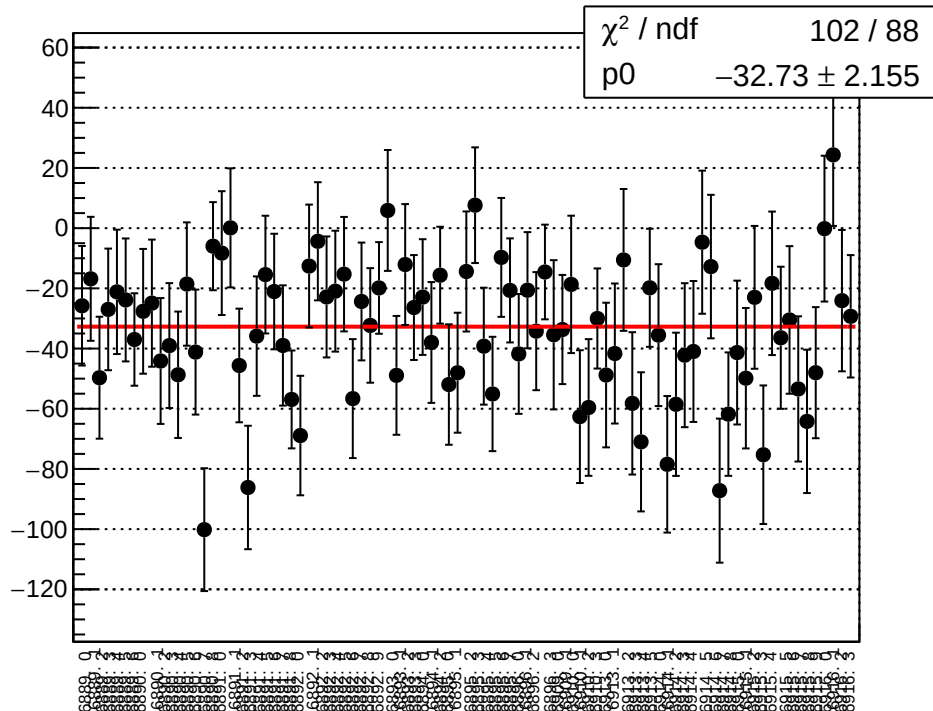
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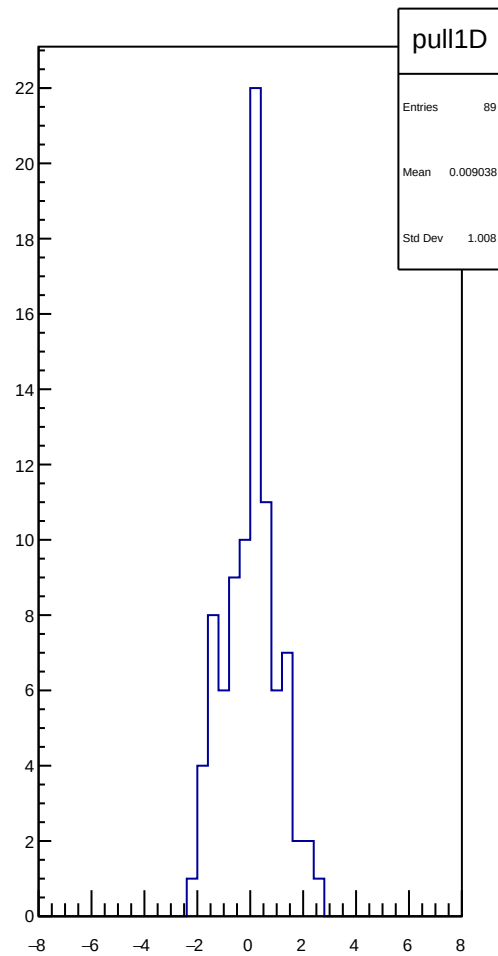
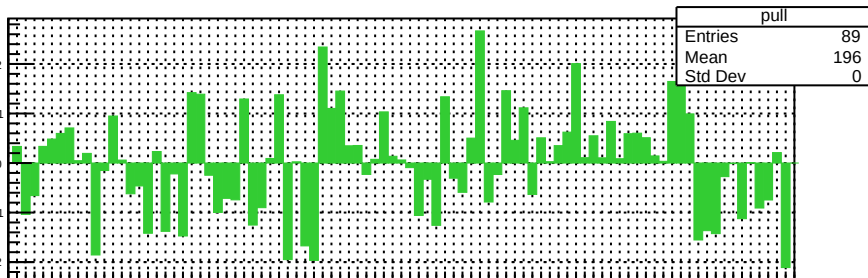
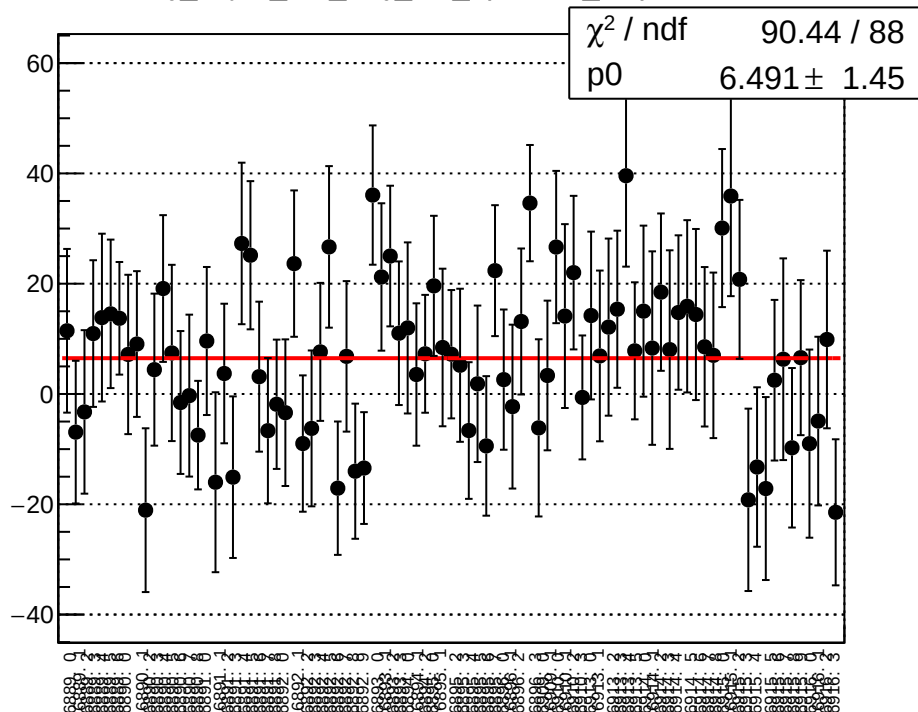
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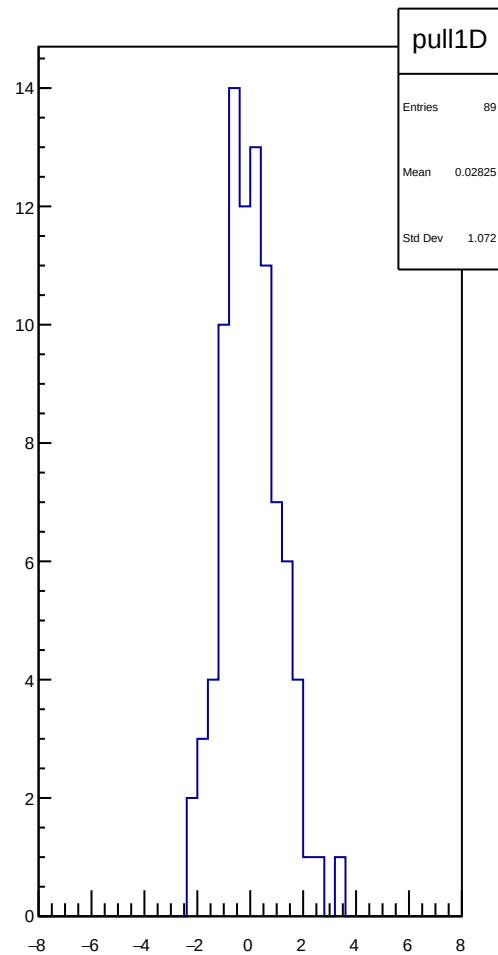
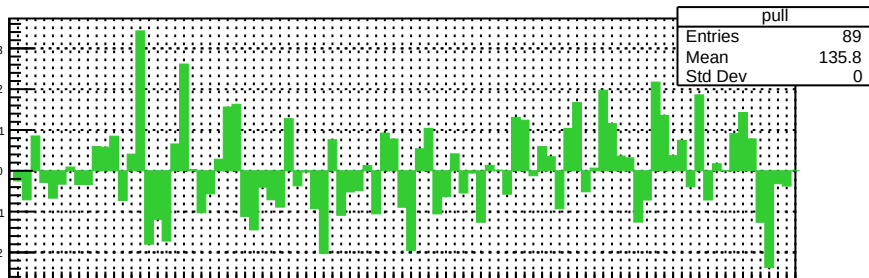
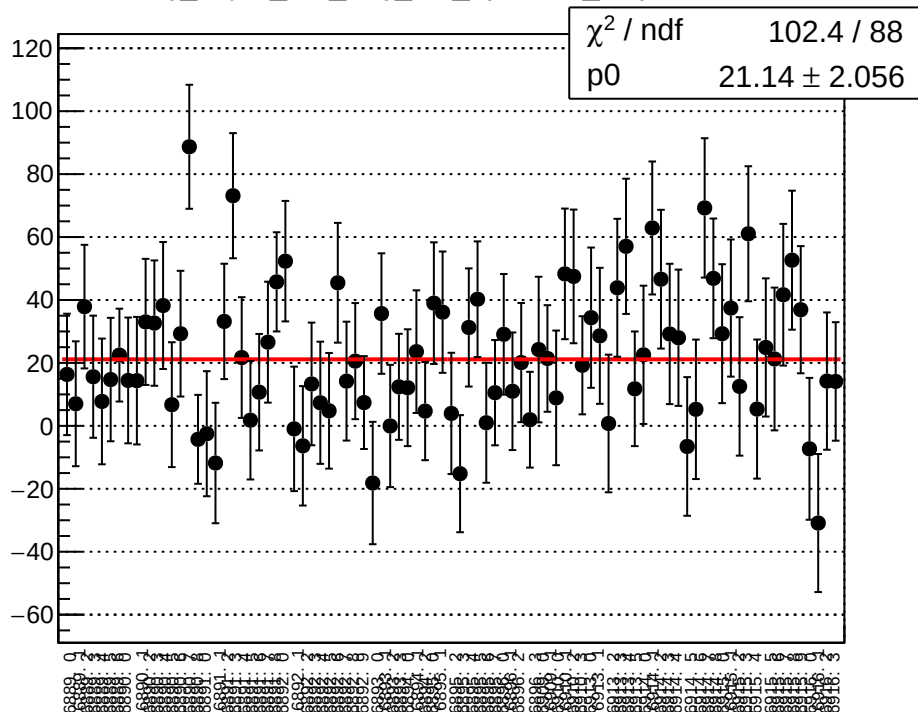
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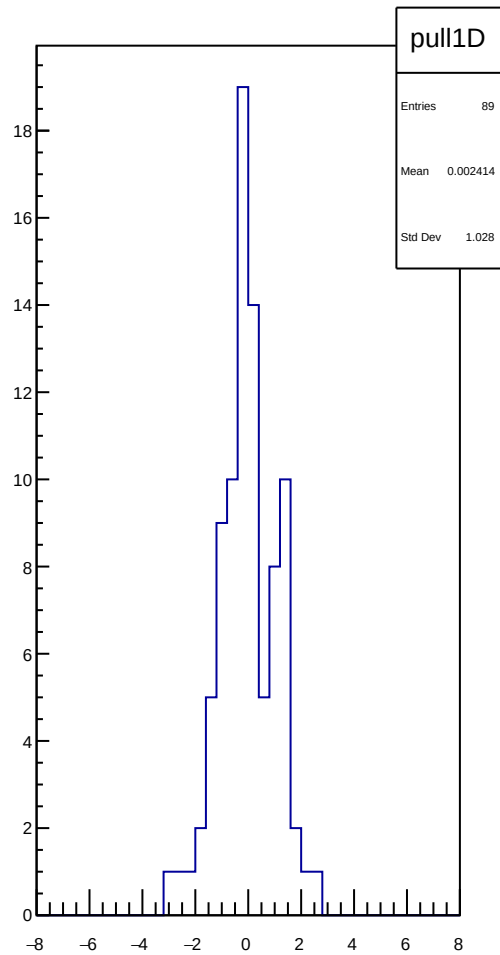
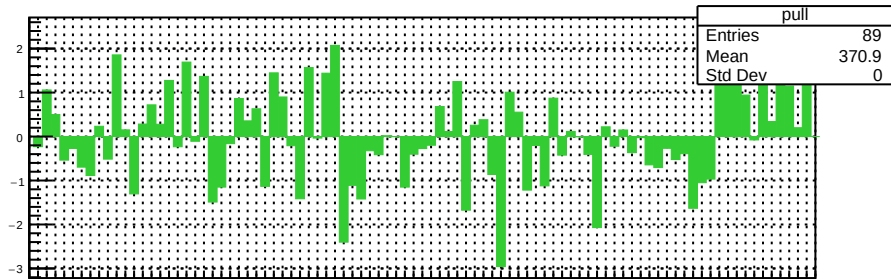
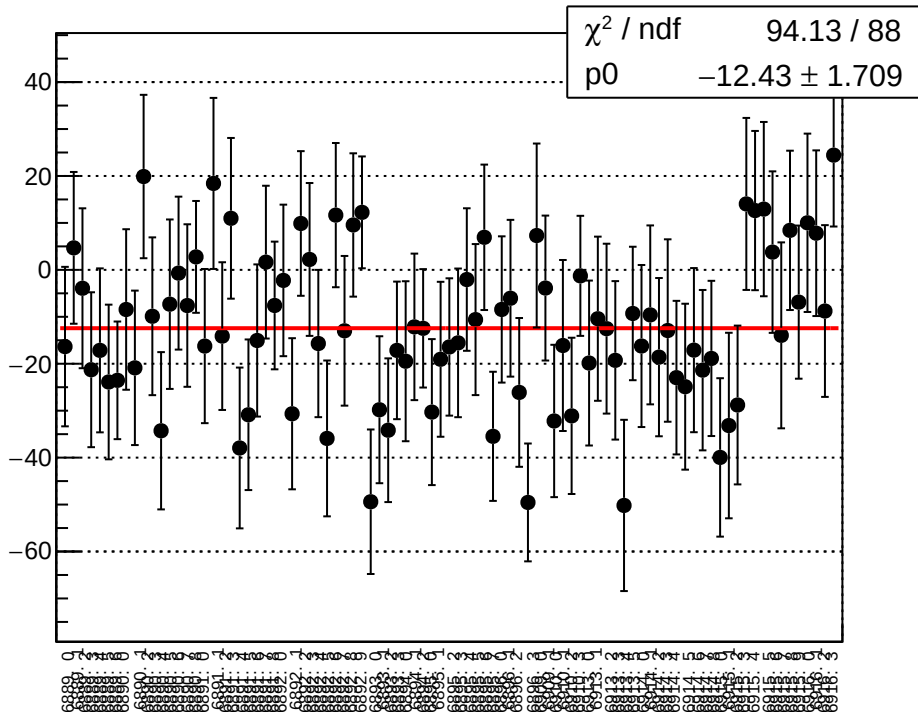
reg_asym_at1_avg_diff_bpm4aY_slope vs run



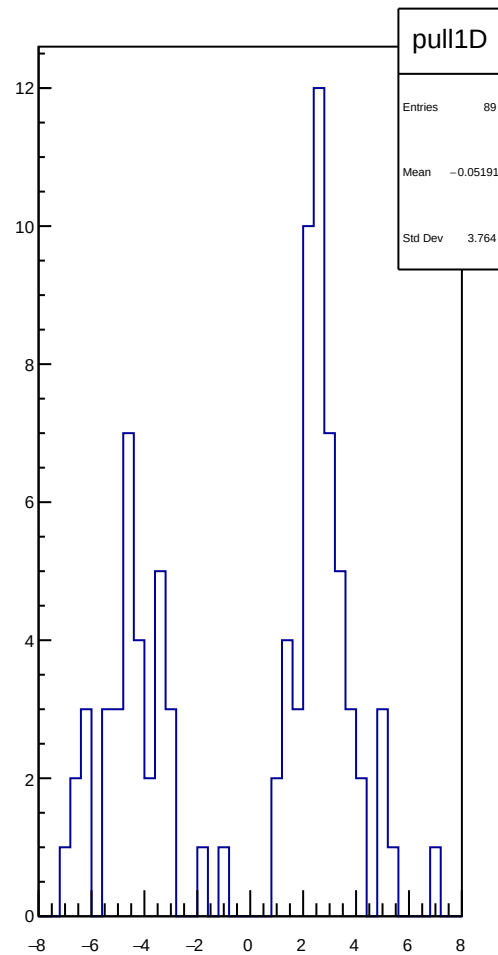
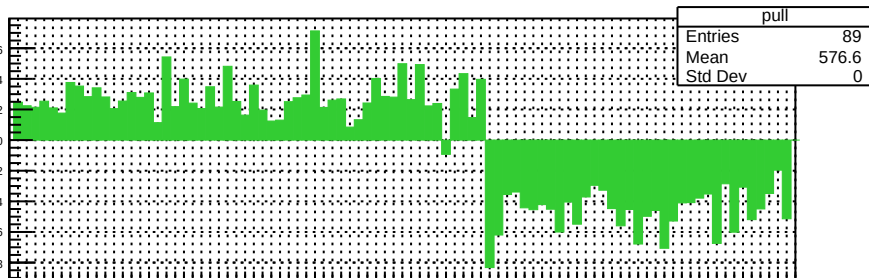
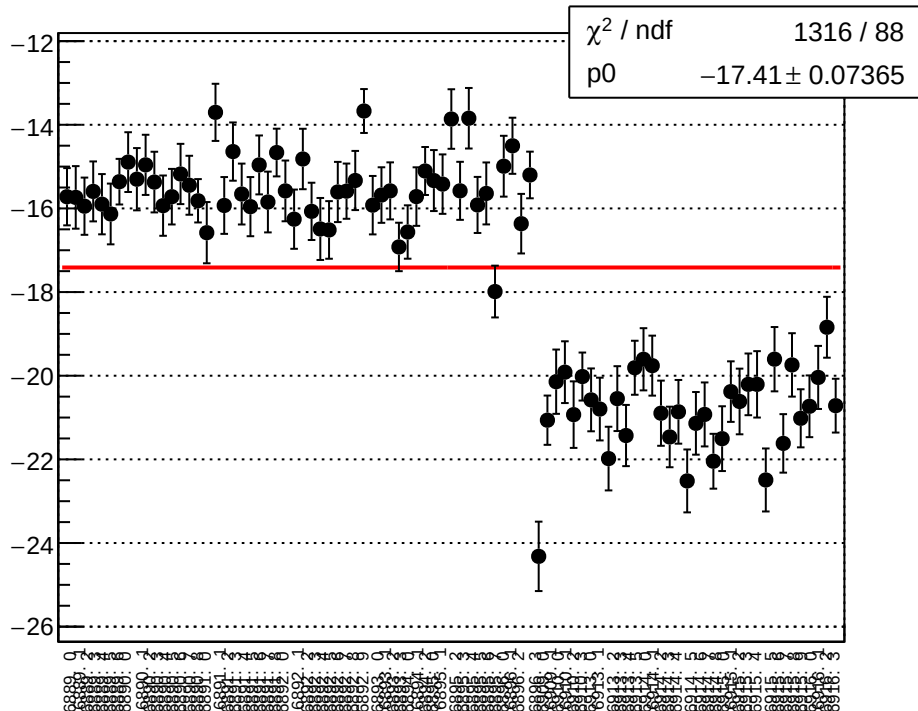
reg_asym_at1_avg_diff_bpm4eX_slope vs run



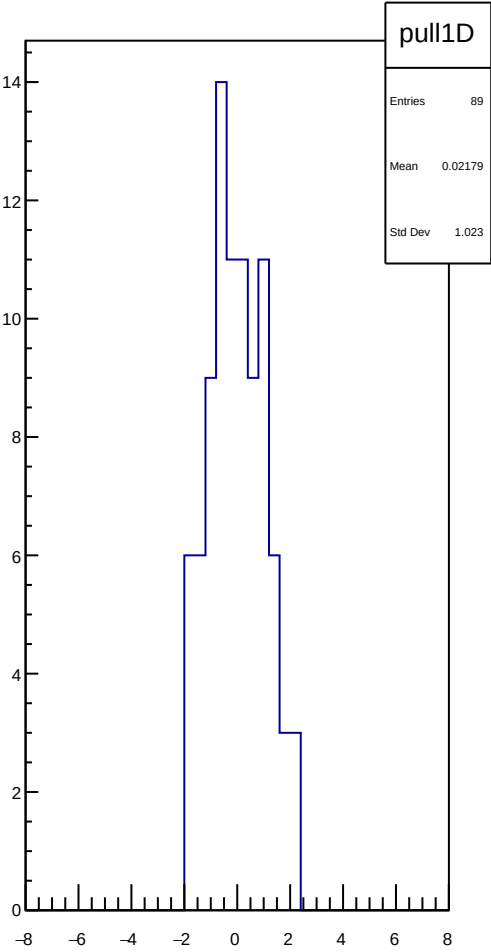
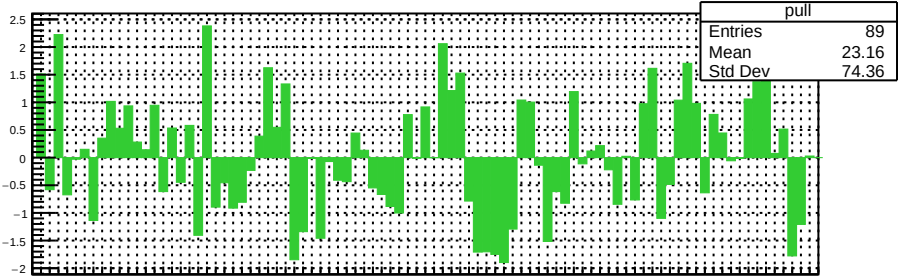
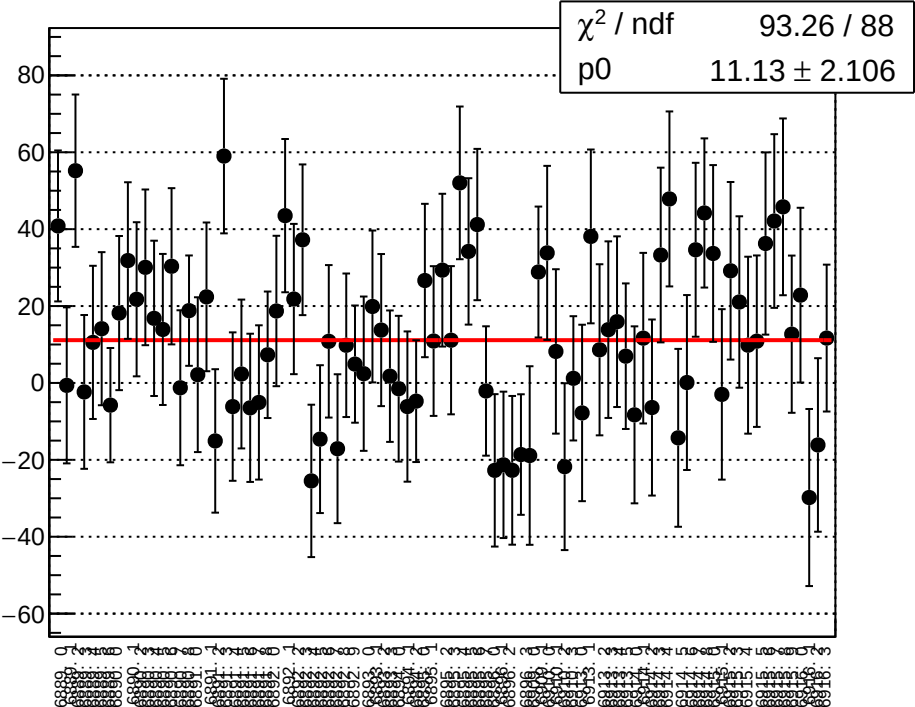
reg asym at1 avg diff bpm4eY_slope vs run



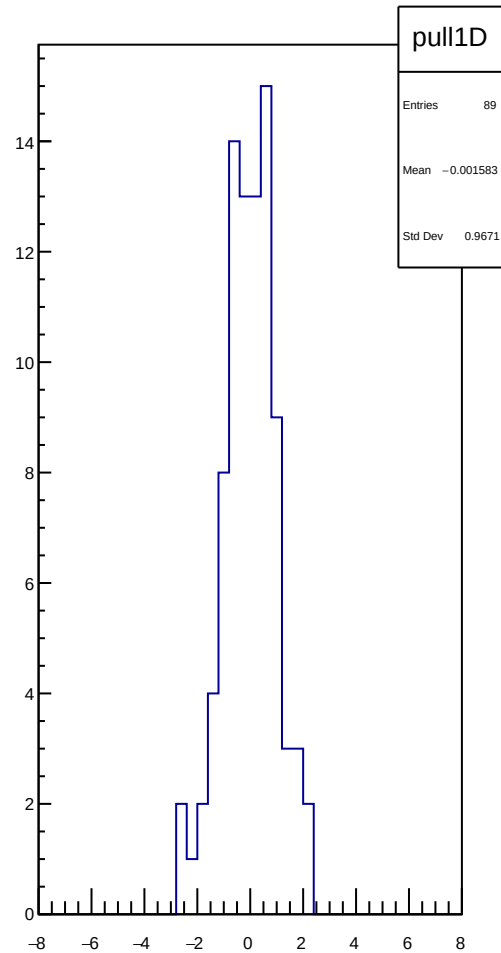
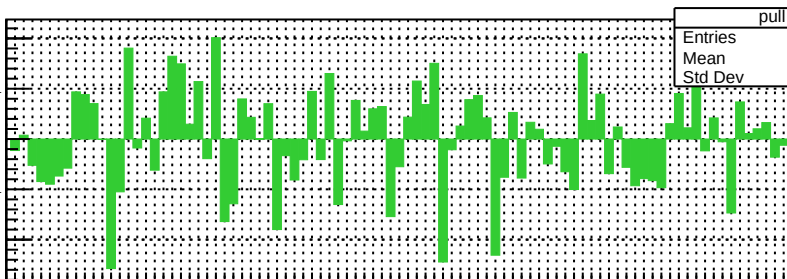
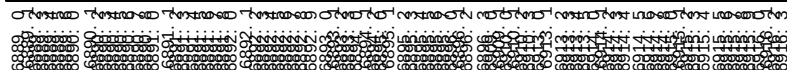
reg_asym_at1_avg_diff_bpm12X_slope vs run



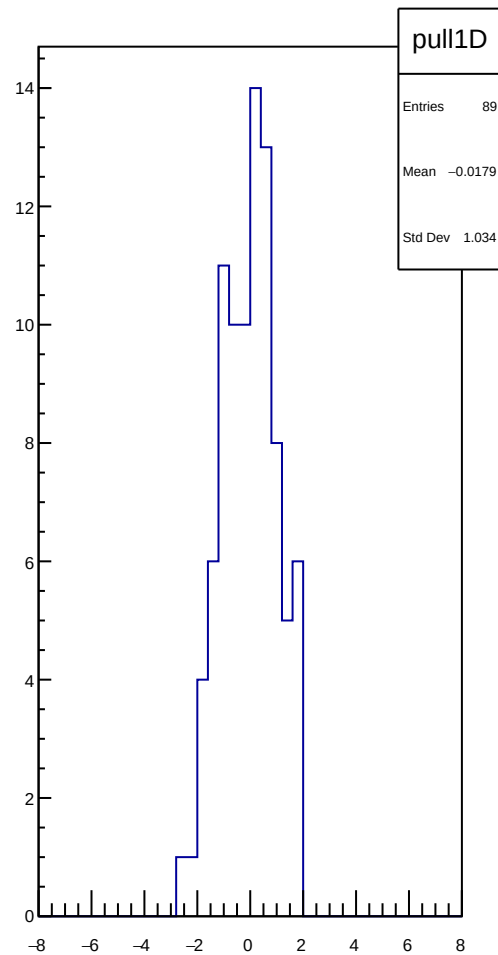
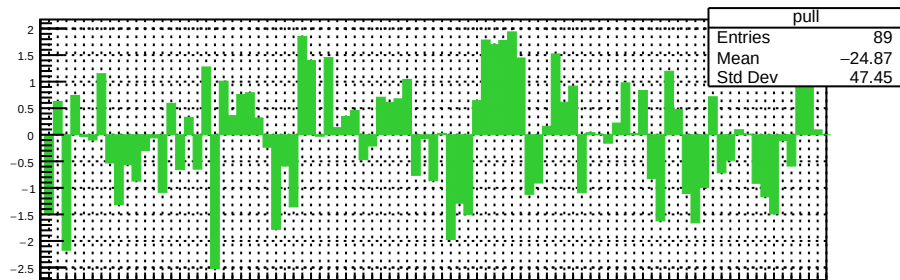
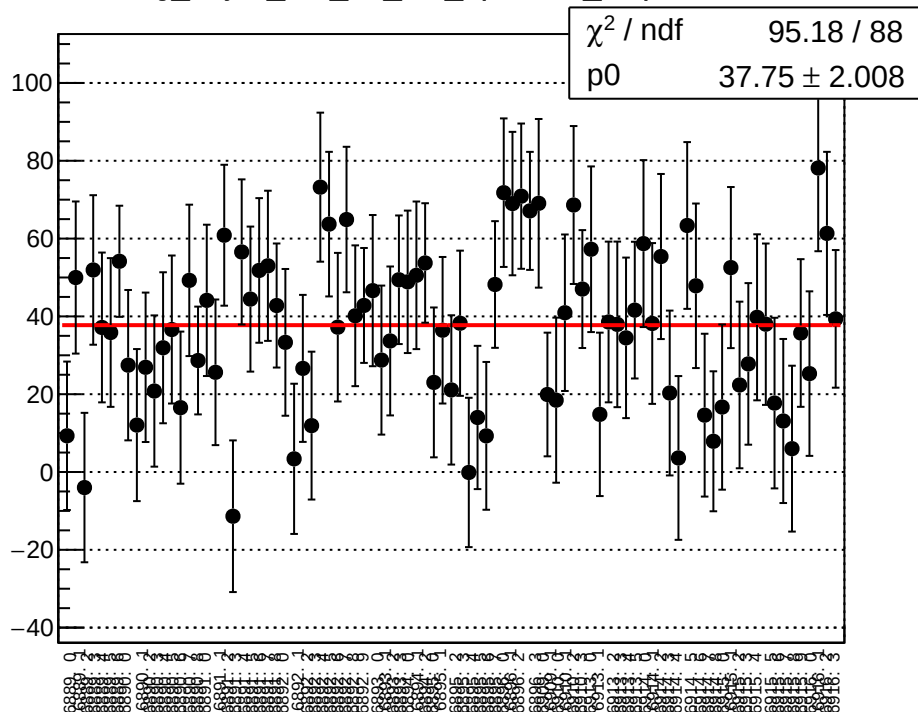
reg_asym_at1_dd_diff_bpm1X_slope vs run



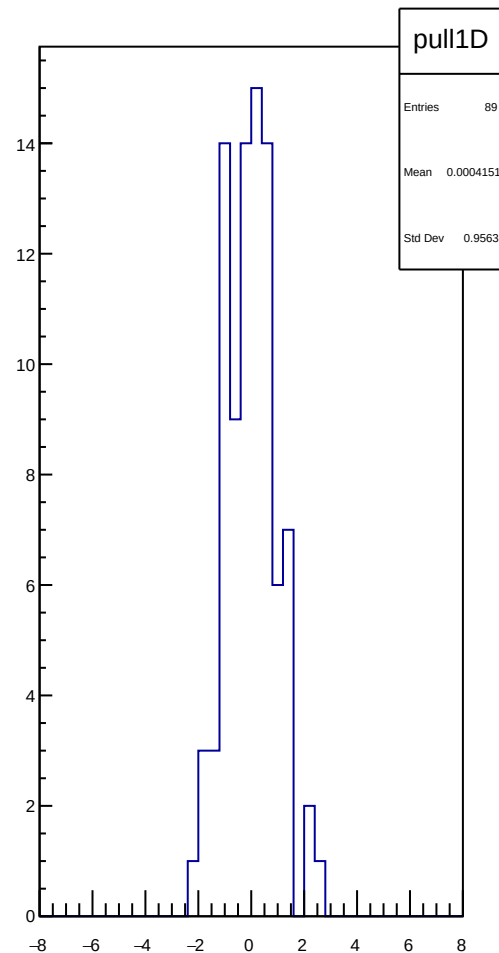
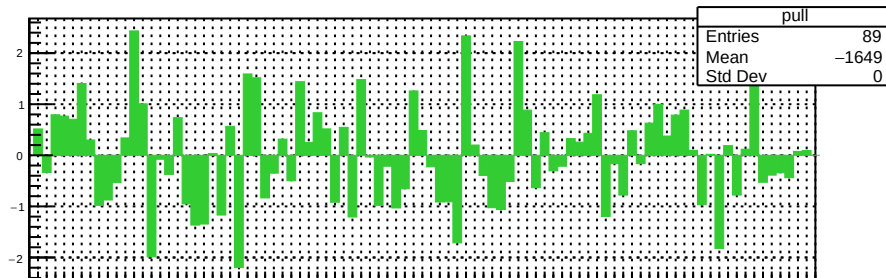
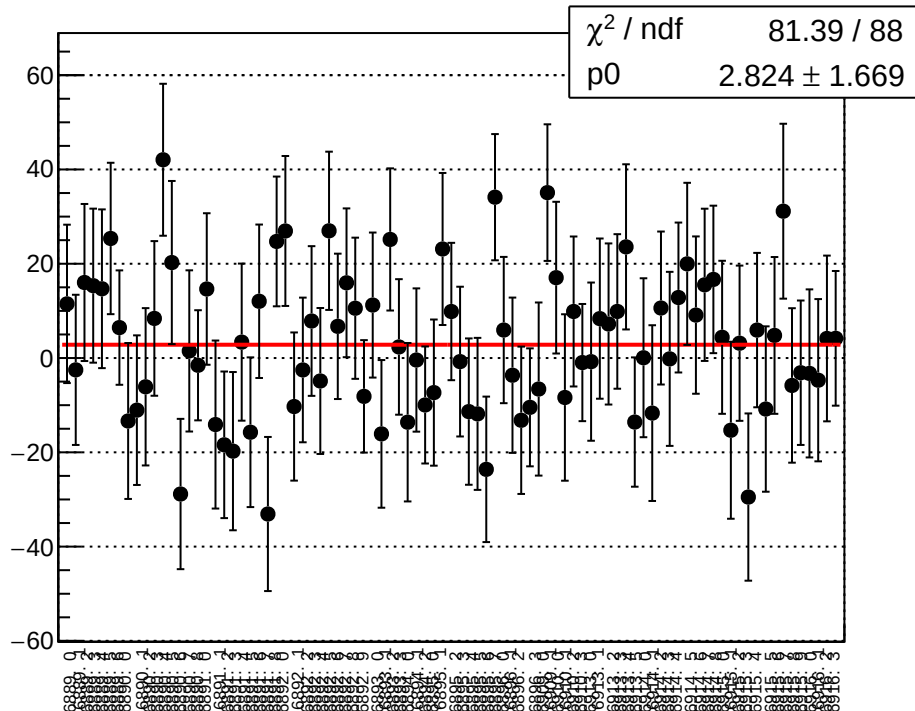
χ^2 / ndf	83.23 / 88
p0	-1.224 ± 1.418



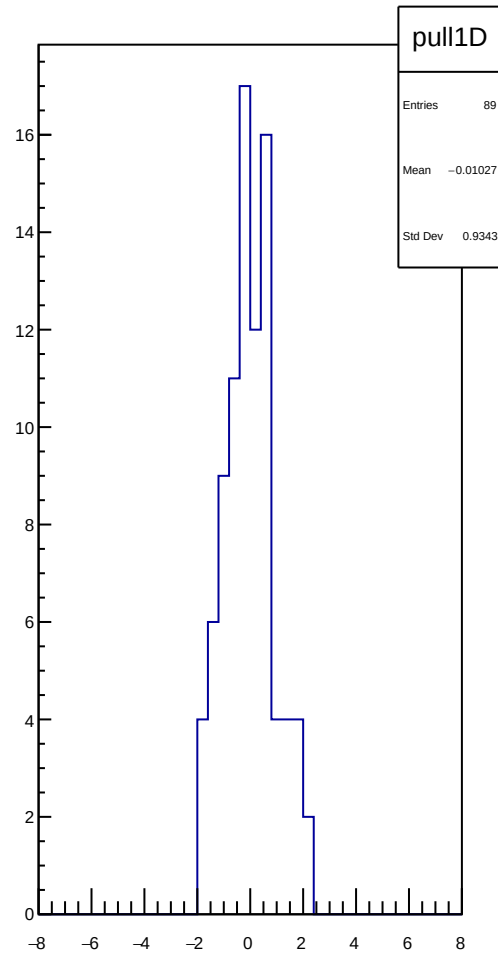
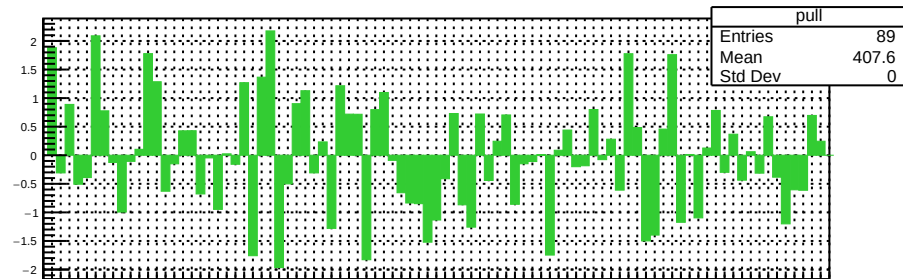
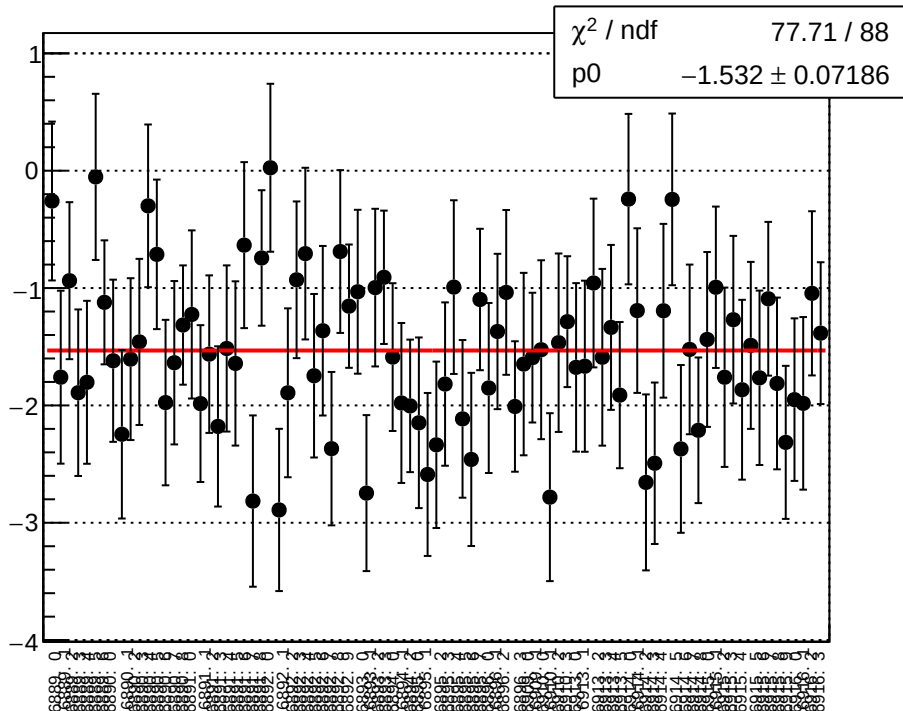
reg_asym_at1_dd_diff_bpm4eX_slope vs run



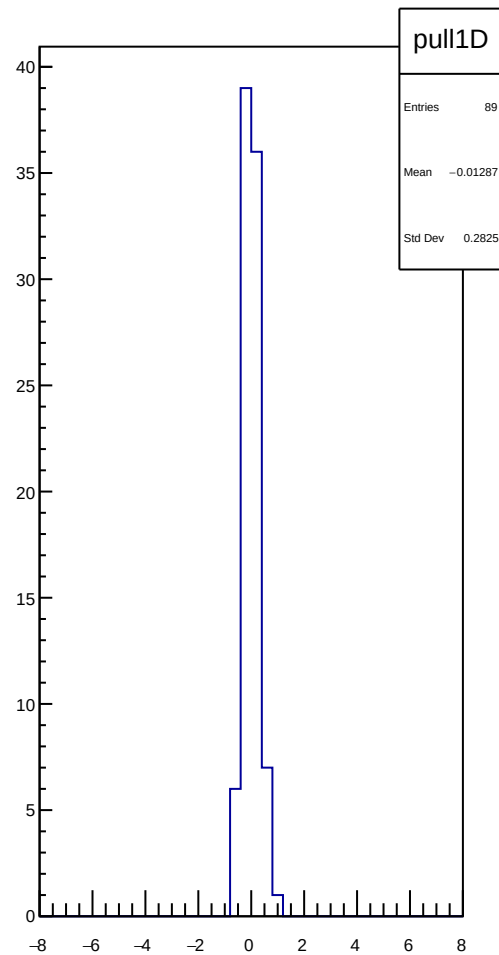
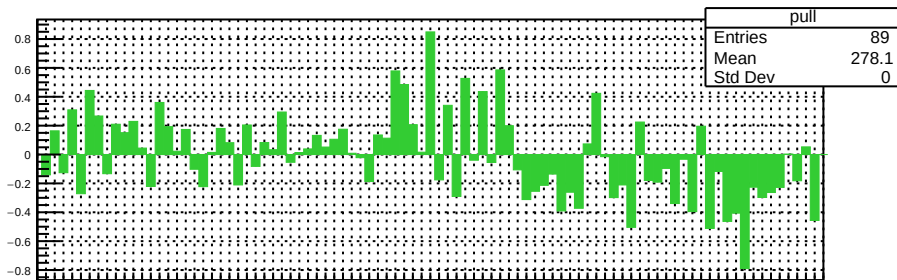
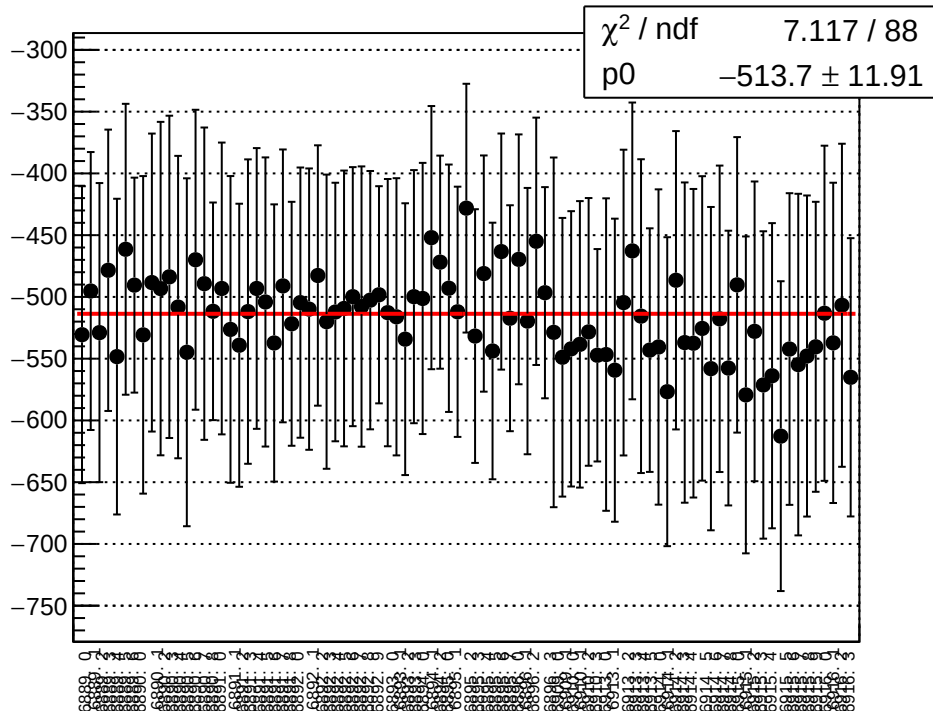
reg_asym_at1_dd_diff_bpm4eY_slope vs run



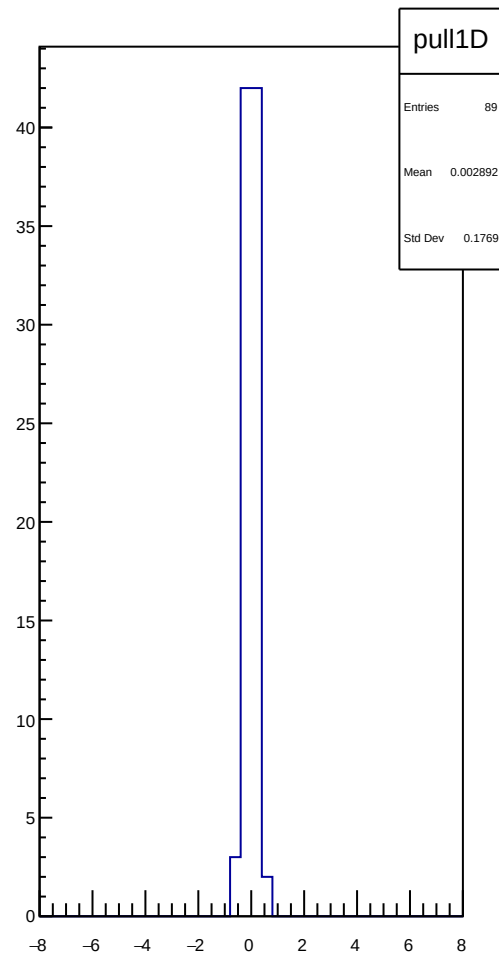
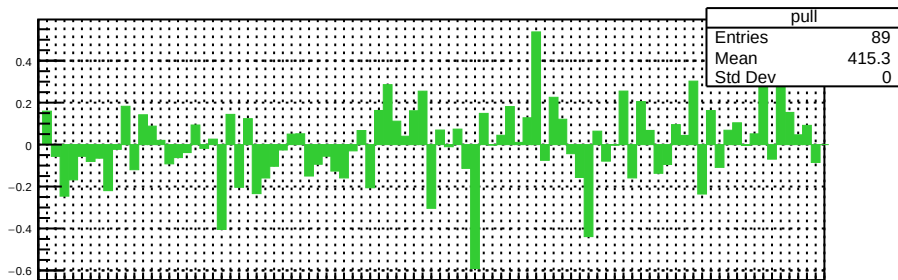
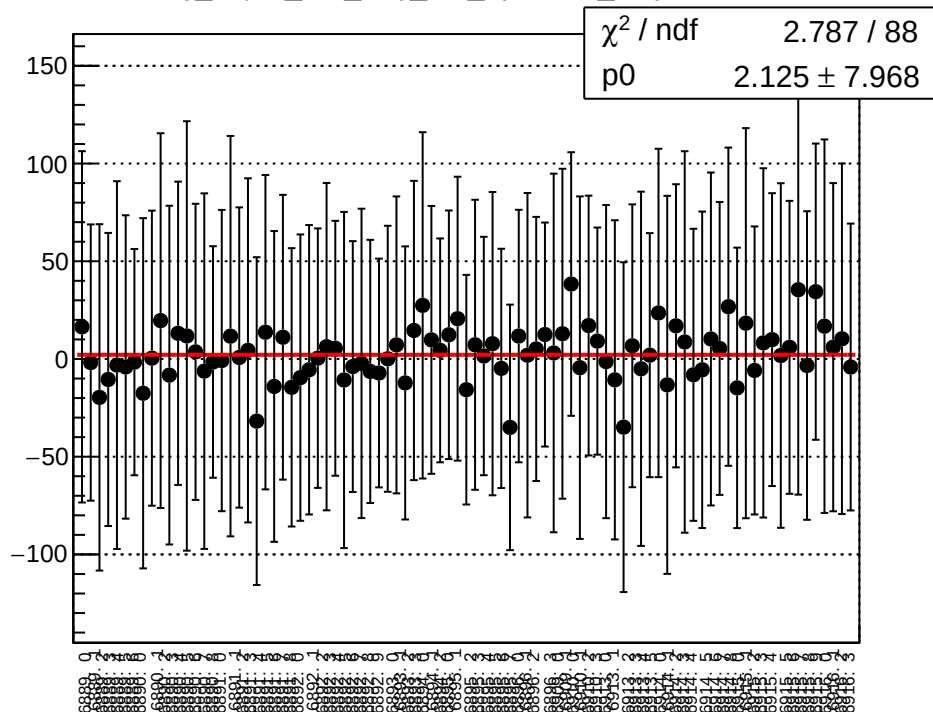
reg_asym_at1_dd_diff_bpm12X_slope vs run



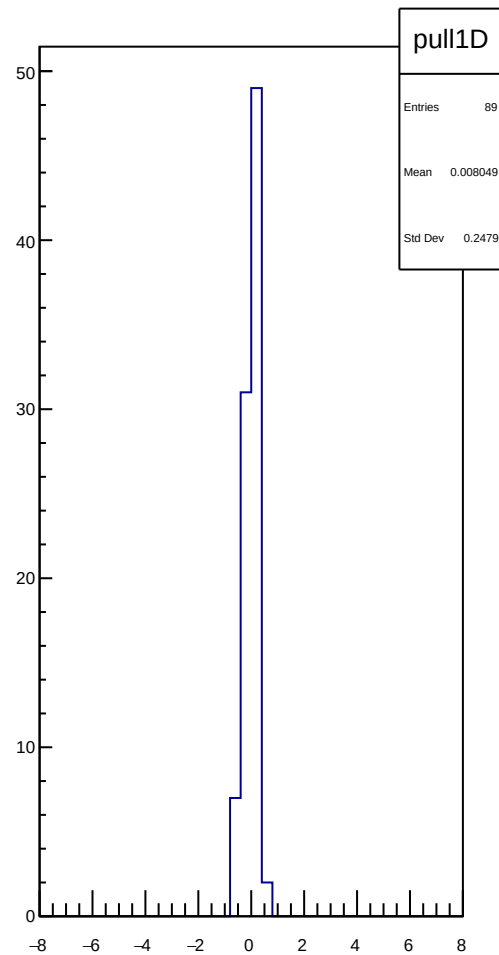
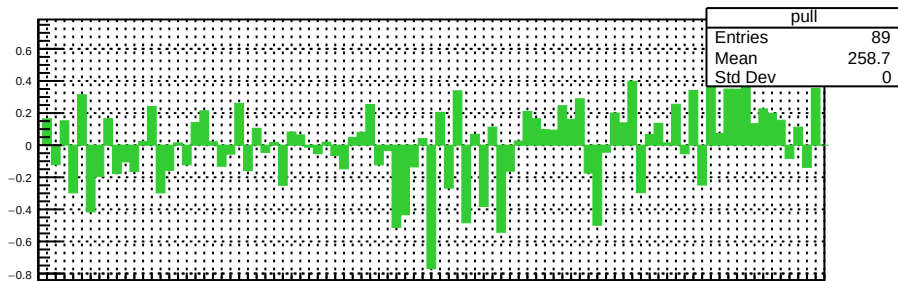
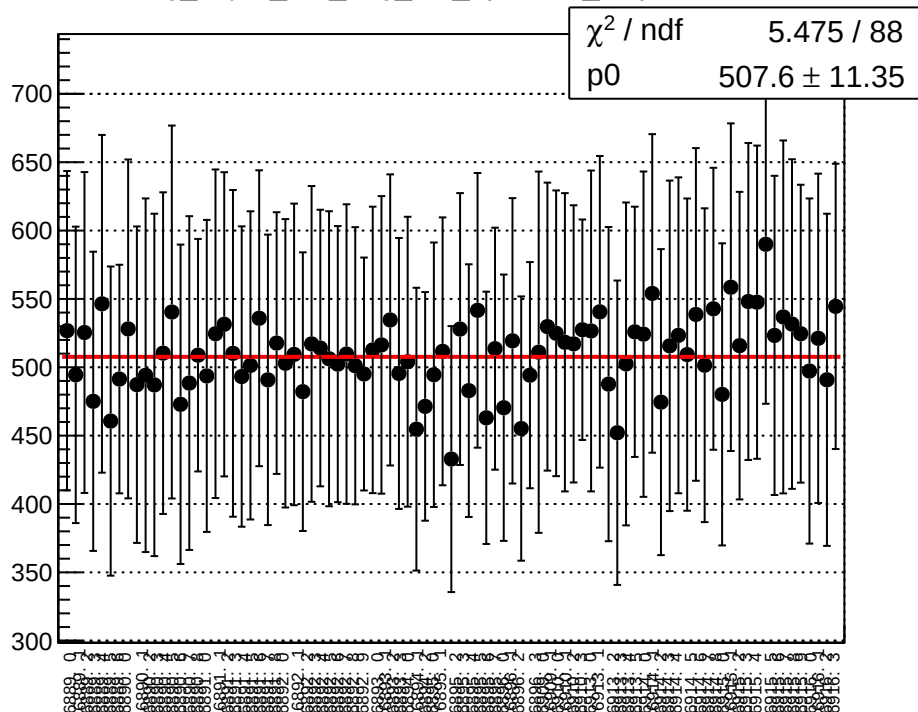
reg_asym_at2_avg_diff_bpm1X_slope vs run



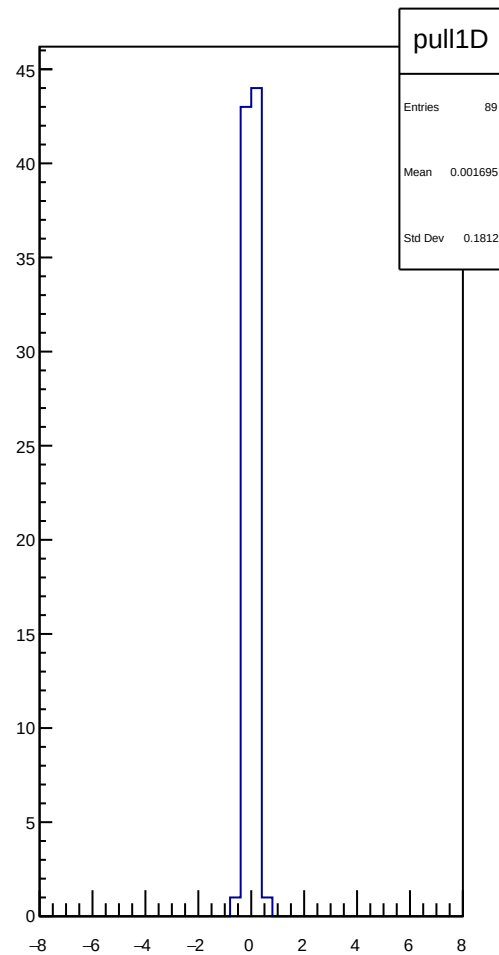
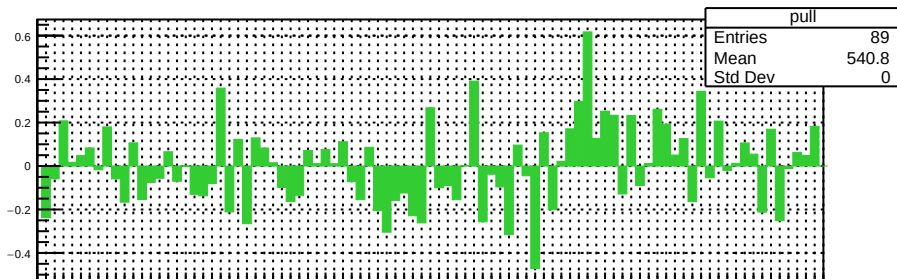
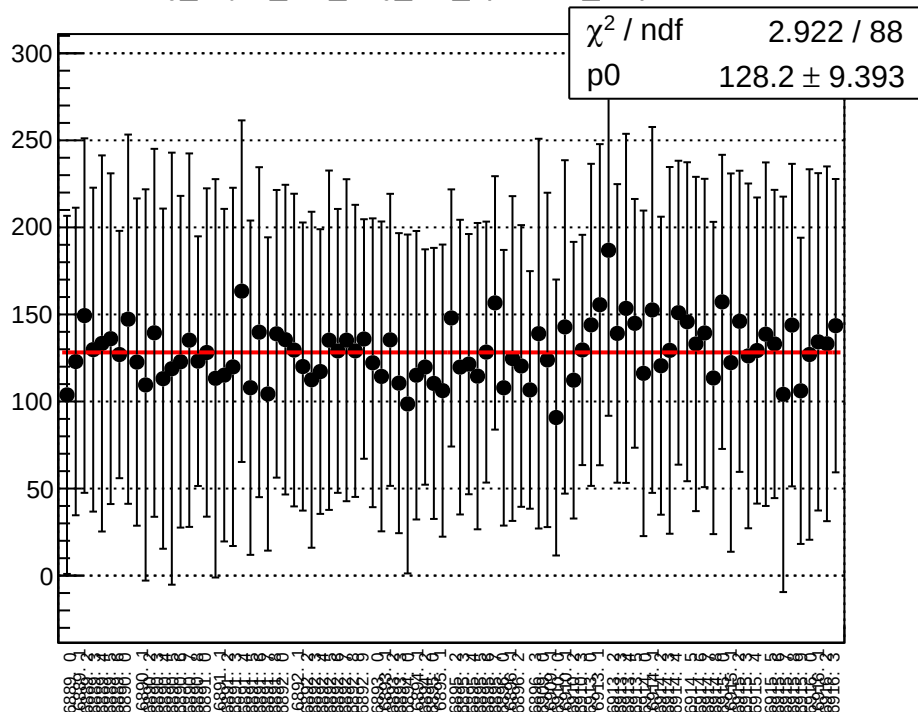
reg_asym_at2_avg_diff_bpm4aY_slope vs run



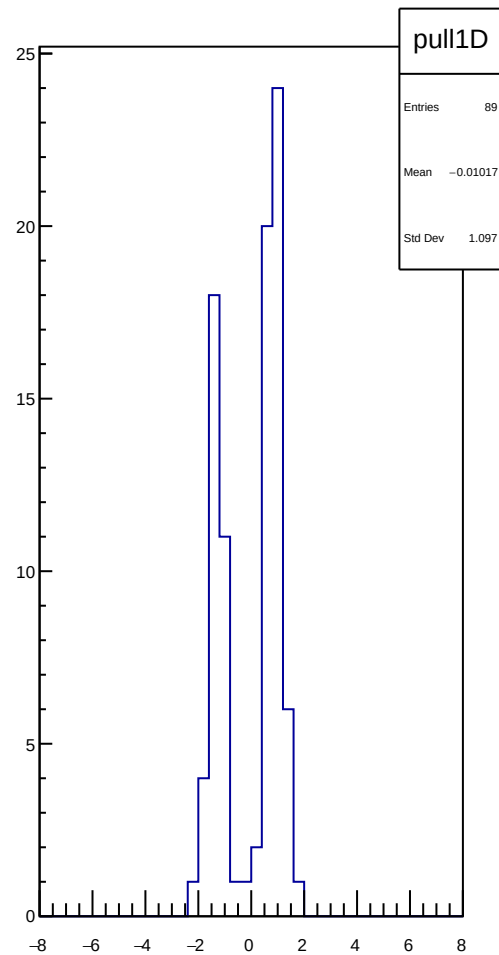
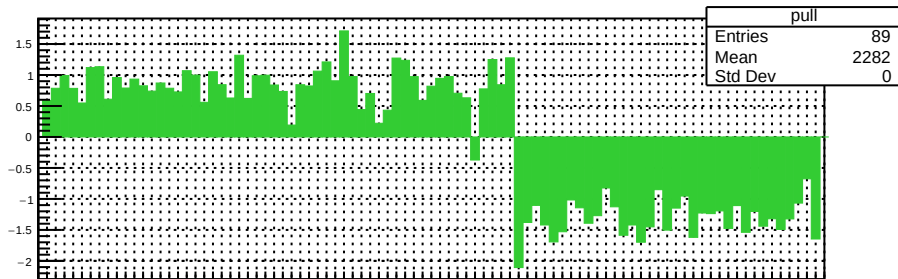
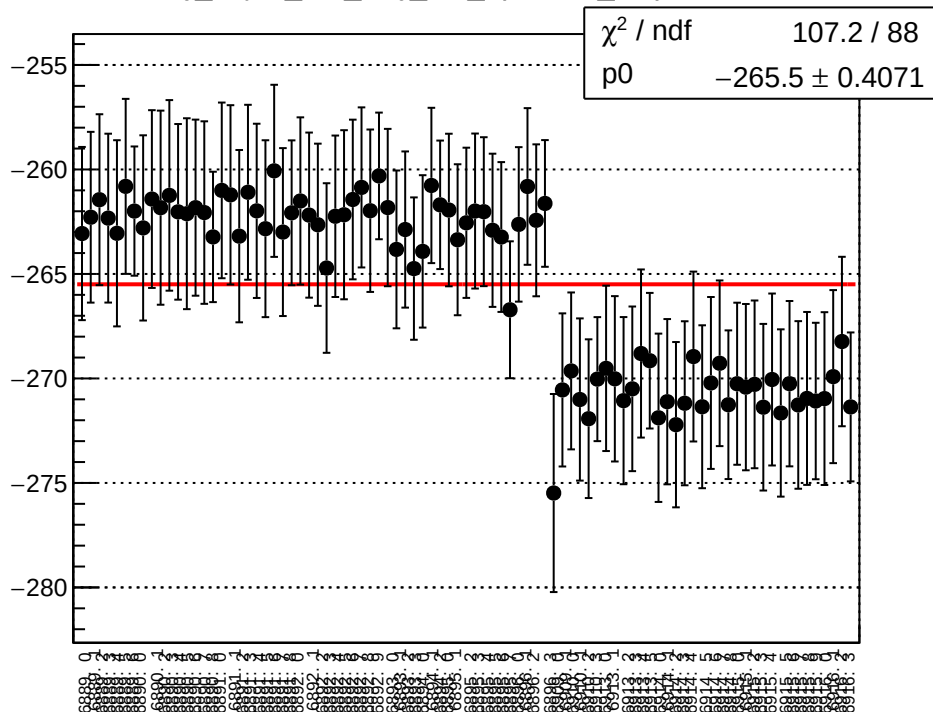
reg_asym_at2_avg_diff_bpm4eX_slope vs run



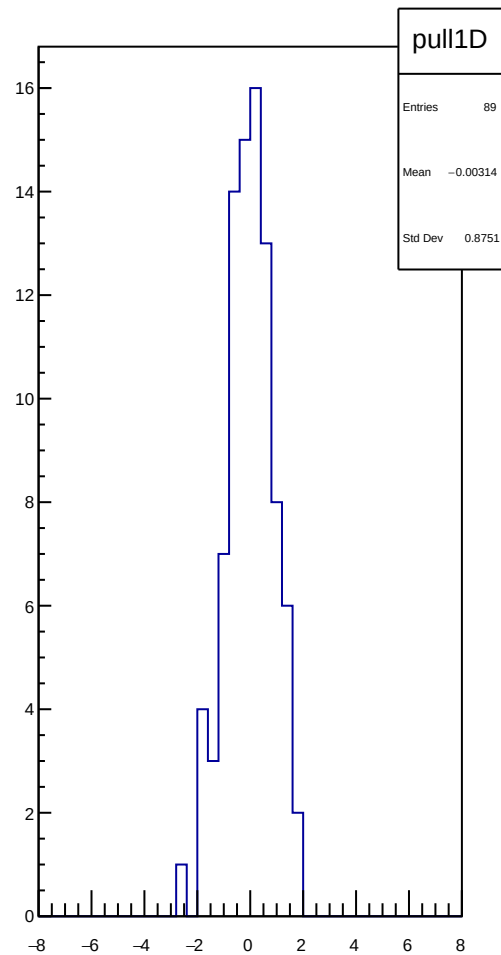
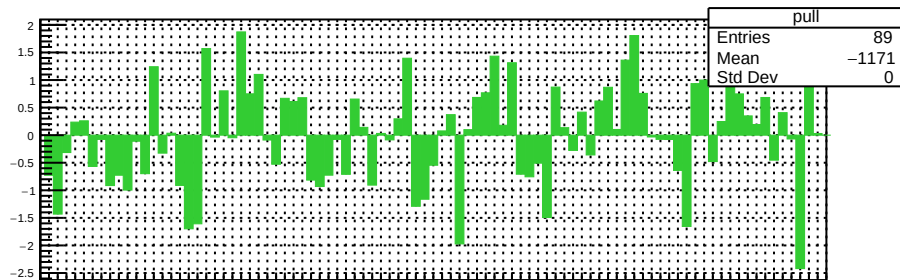
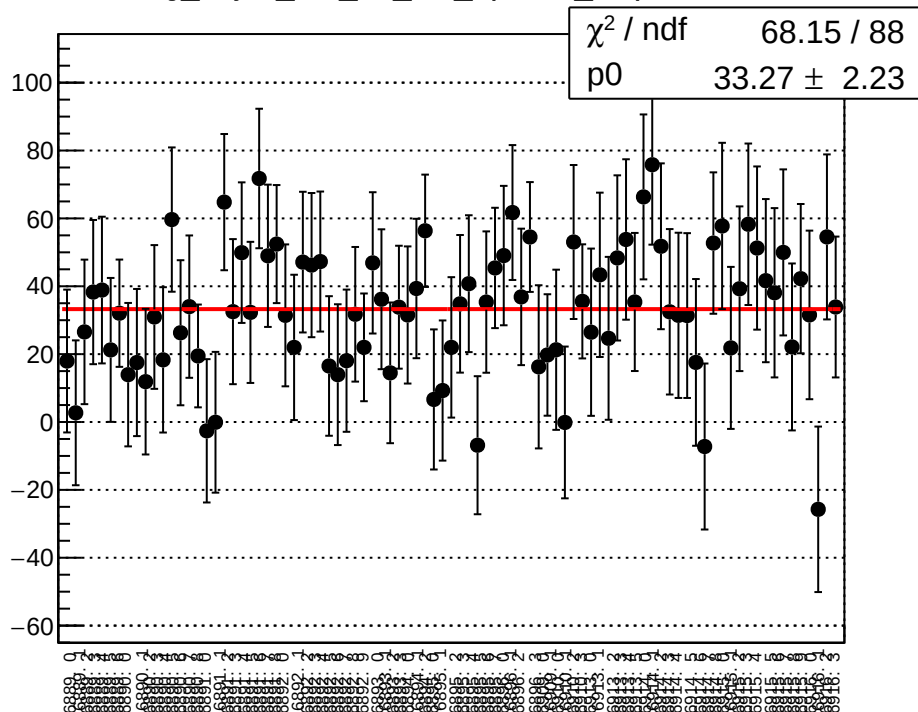
reg_asym_at2_avg_diff_bpm4eY_slope vs run



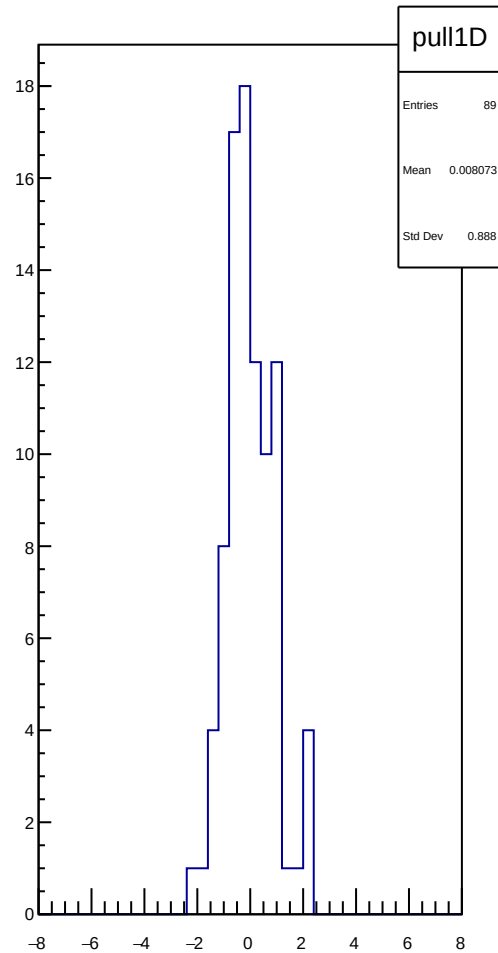
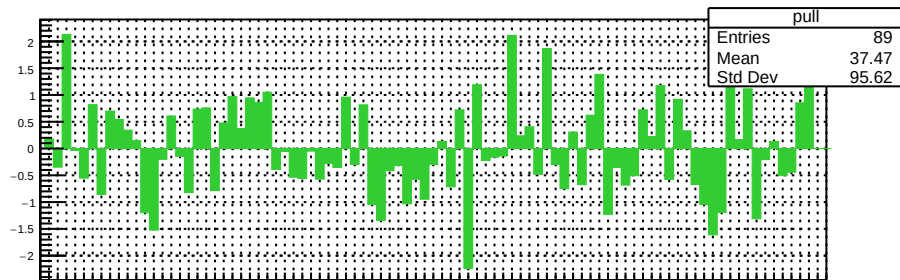
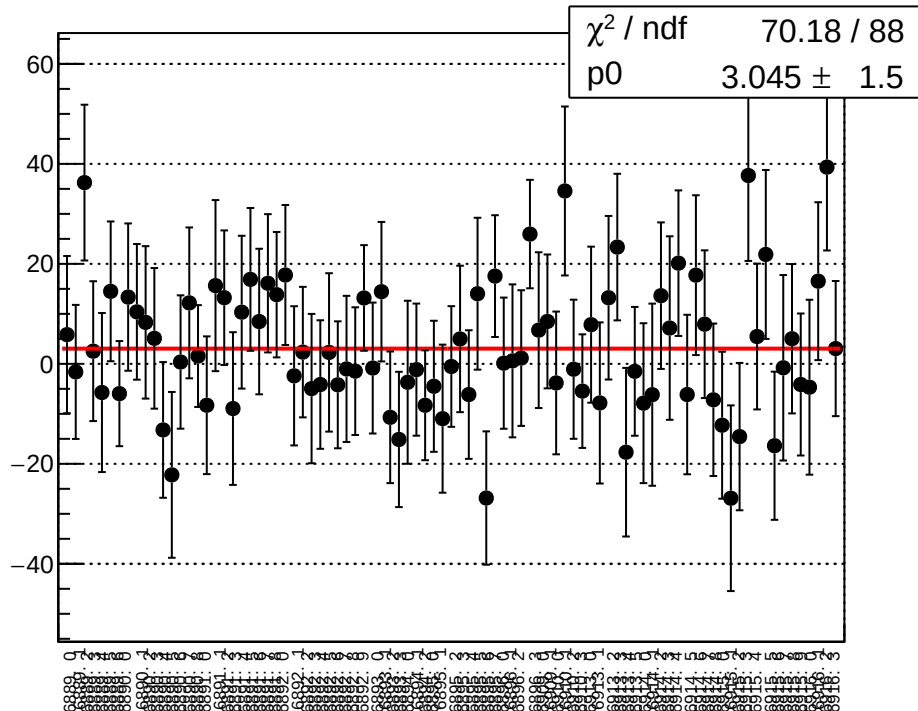
reg_asym_at2_avg_diff_bpm12X_slope vs run



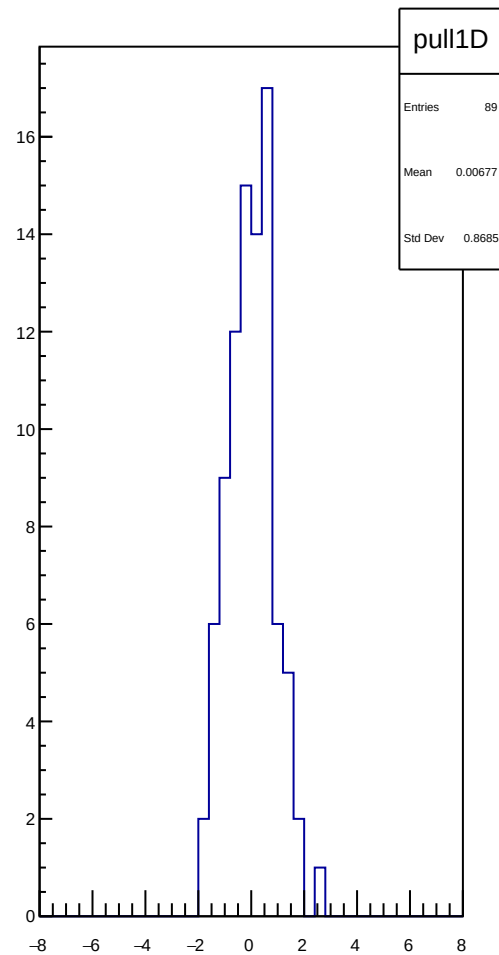
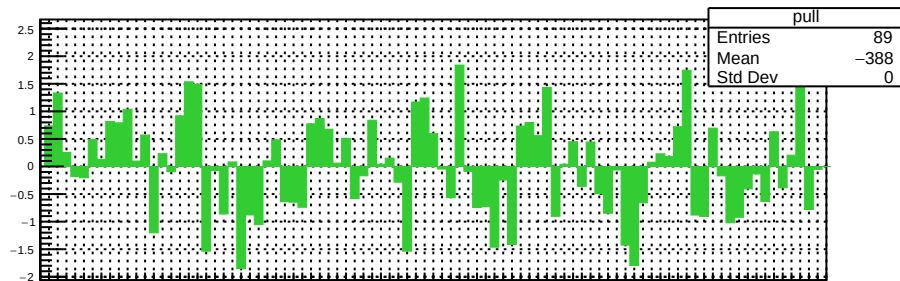
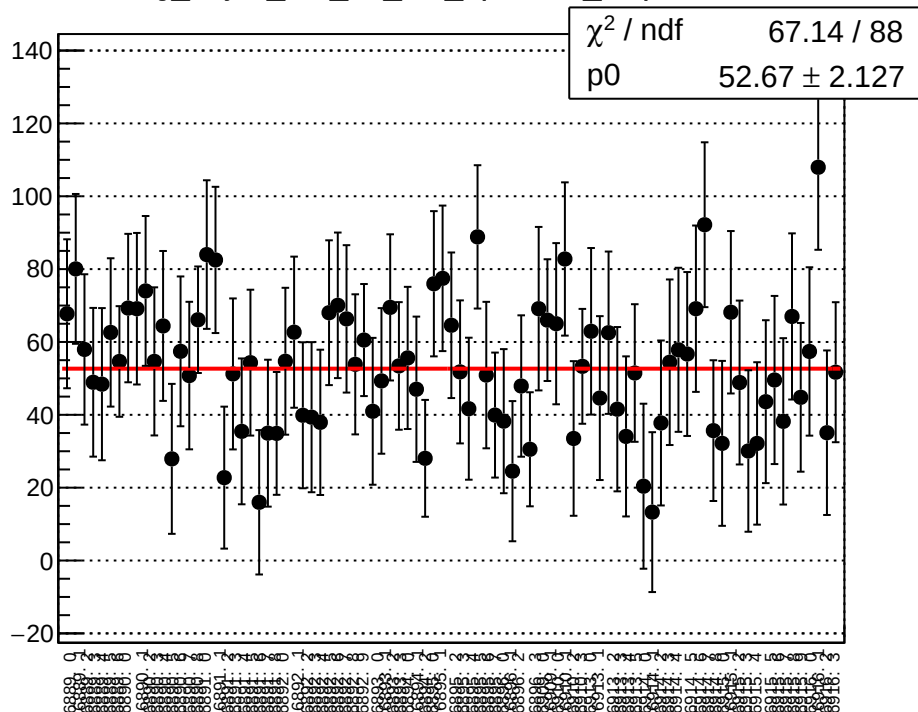
reg_asym_at2_dd_diff_bpm1X_slope vs run



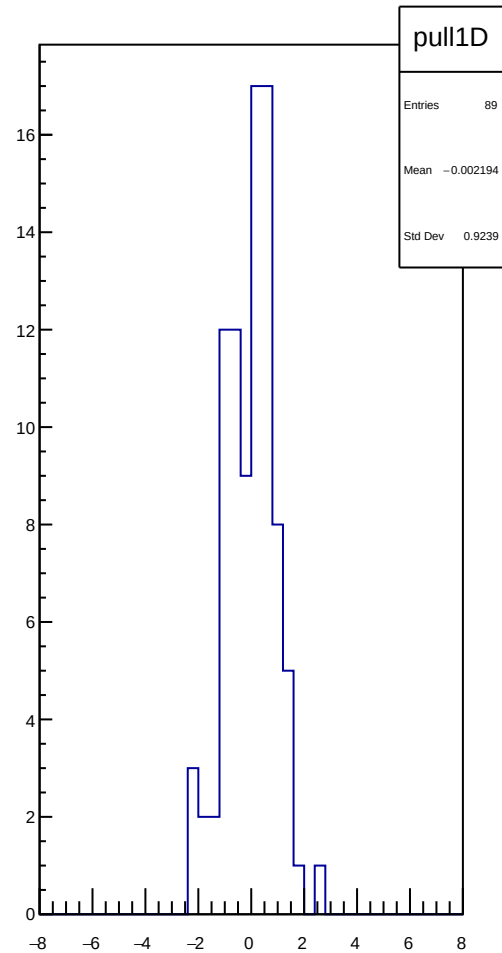
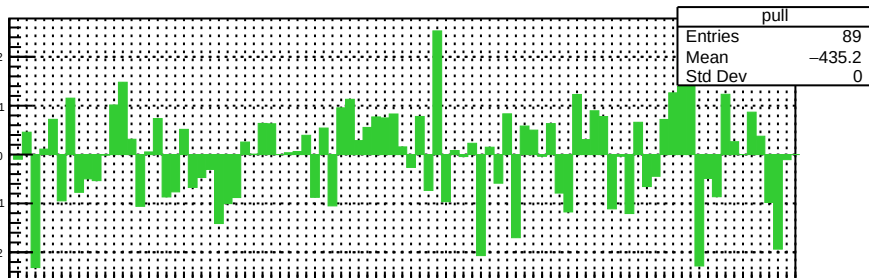
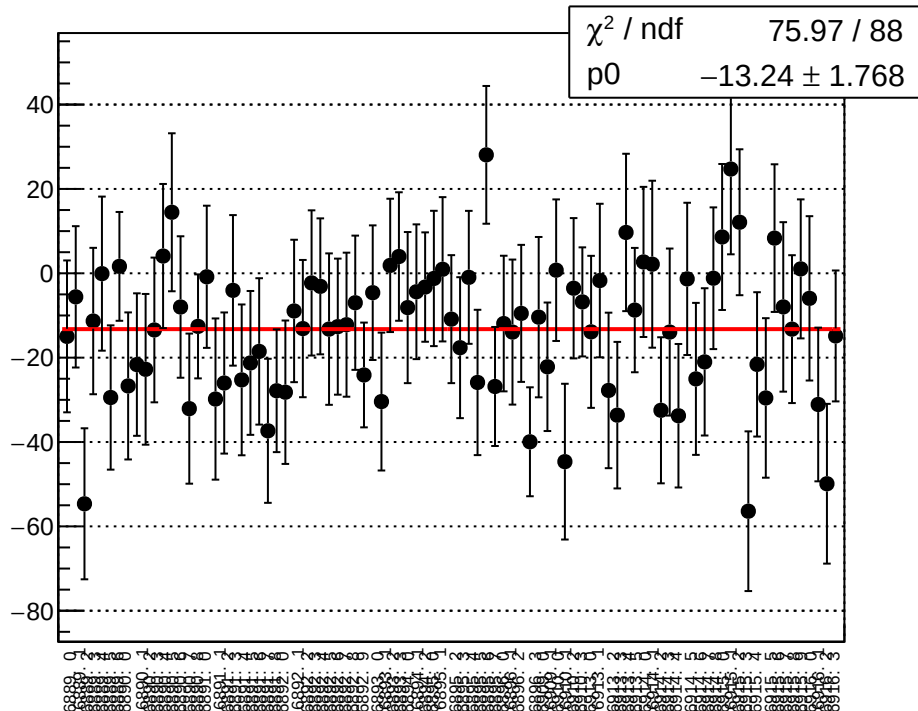
reg_asym_at2_dd_diff_bpm4aY_slope vs run



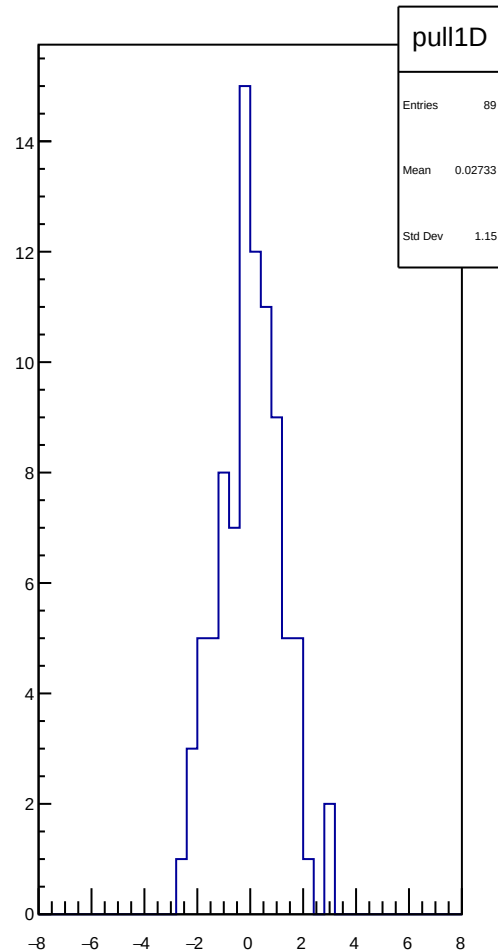
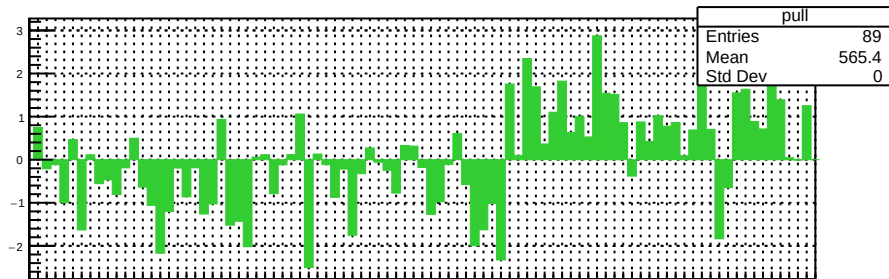
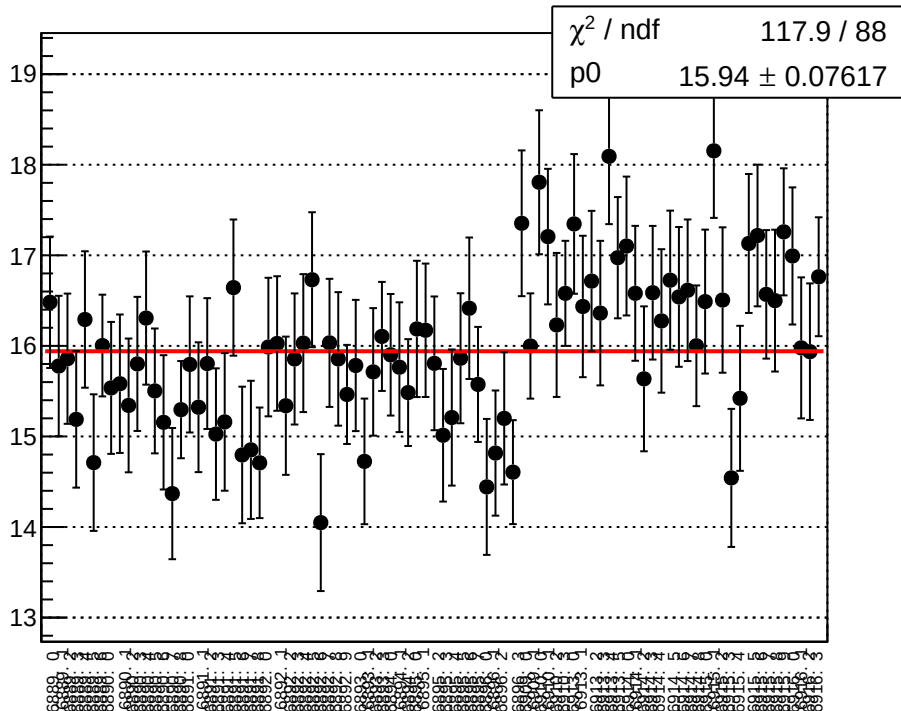
reg_asym_at2_dd_diff_bpm4eX_slope vs run



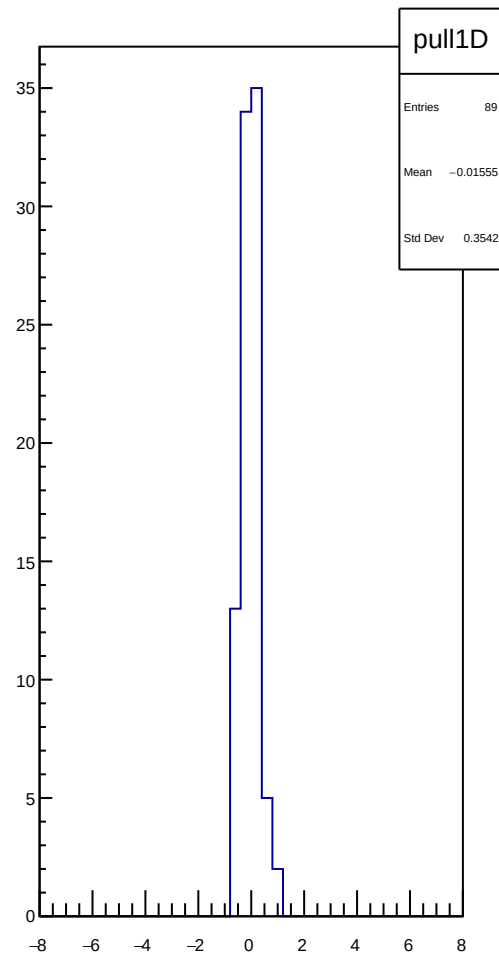
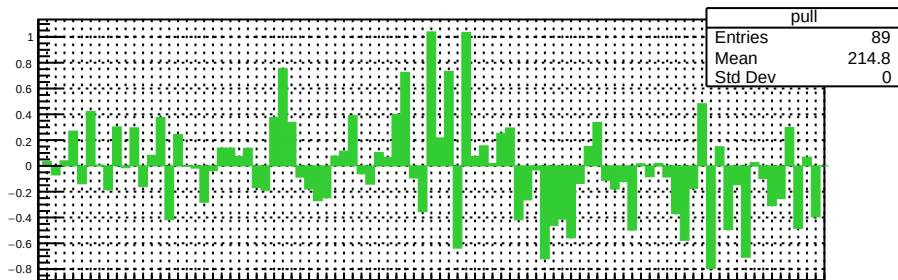
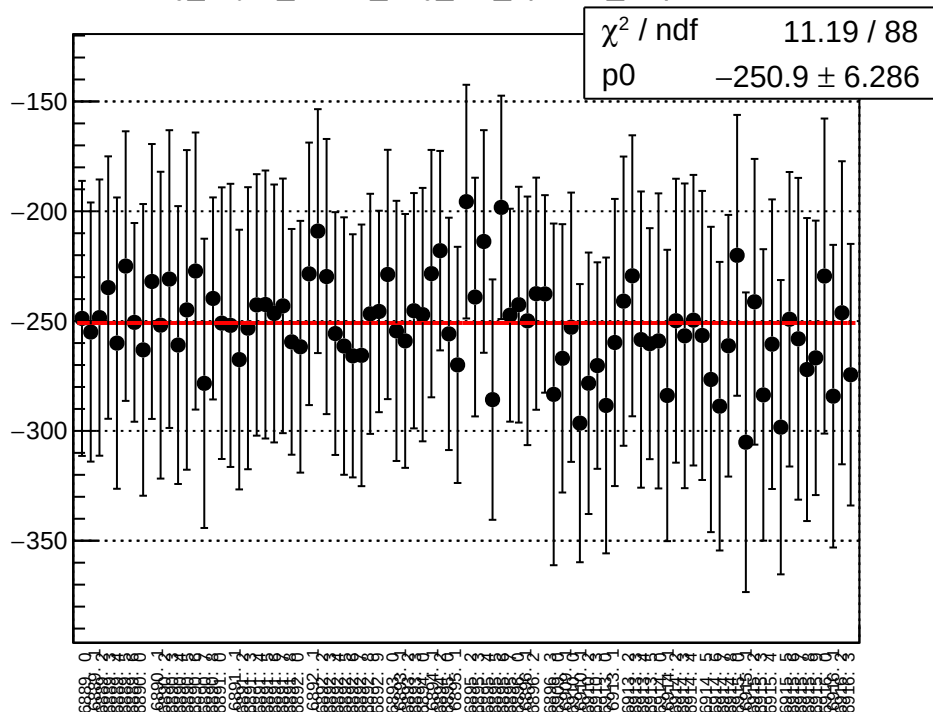
reg_asym_at2_dd_diff_bpm4eY_slope vs run



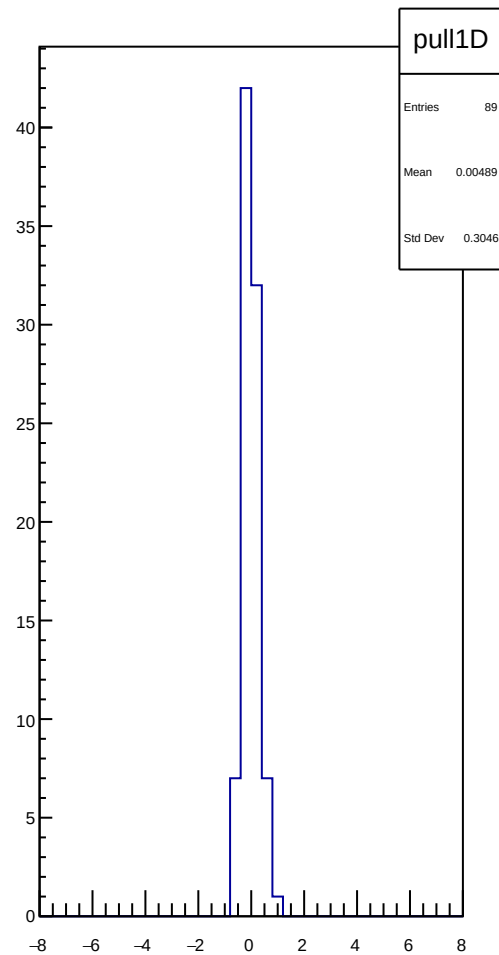
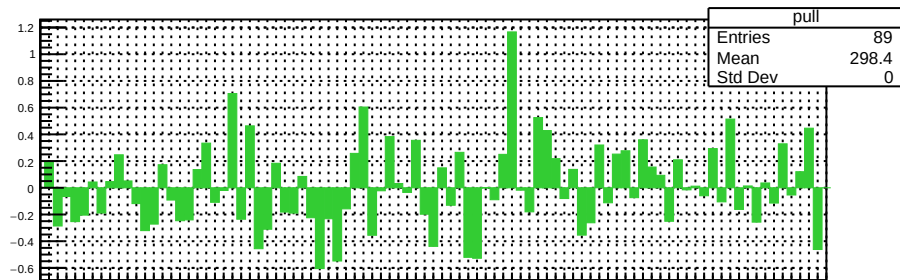
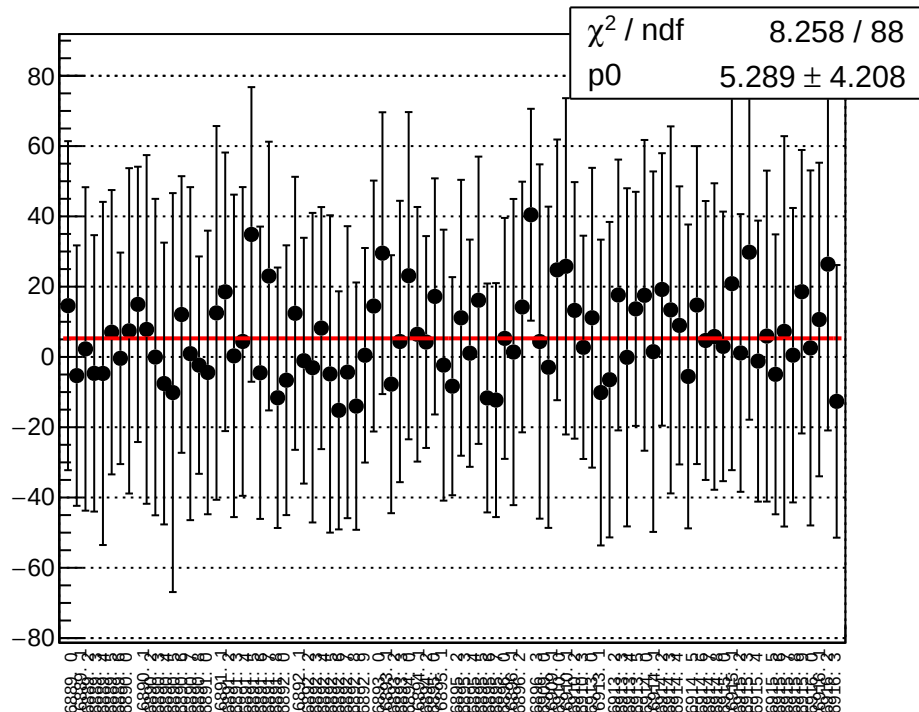
reg_asym_at2_dd_diff_bpm12X_slope vs run



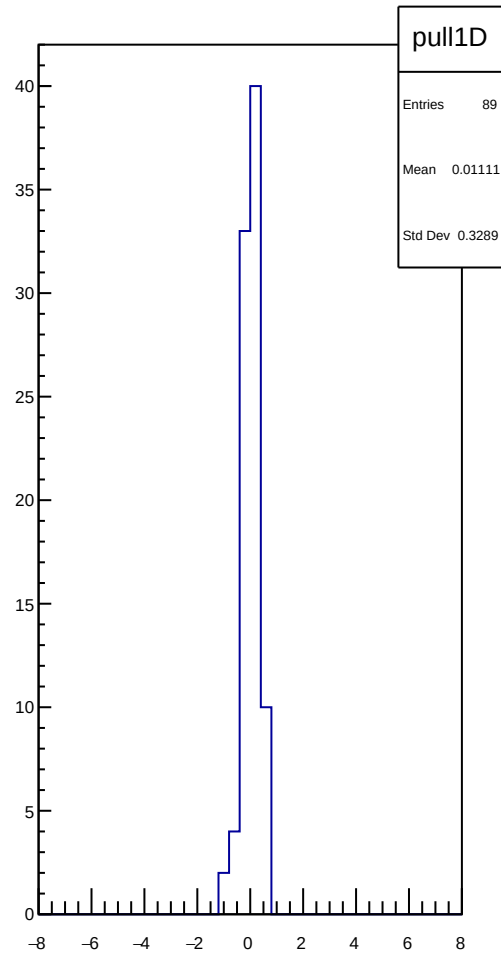
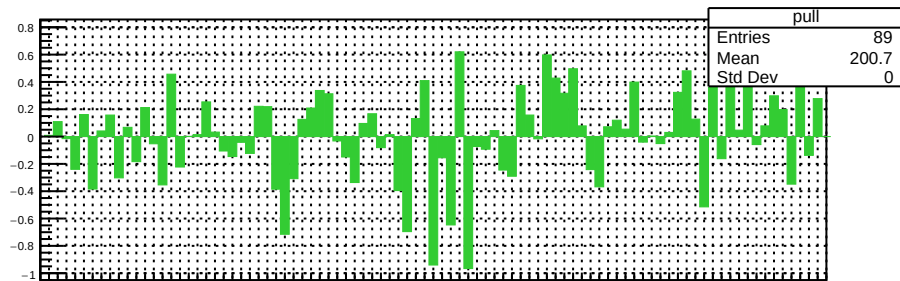
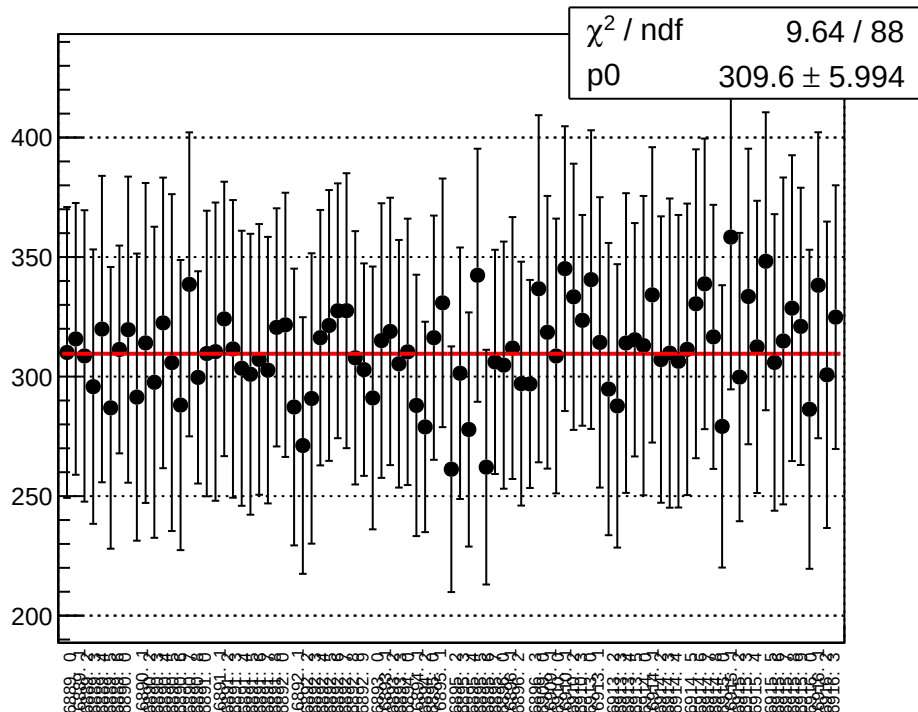
reg_asym_atl1r2_avg_diff_bpm1X_slope vs run



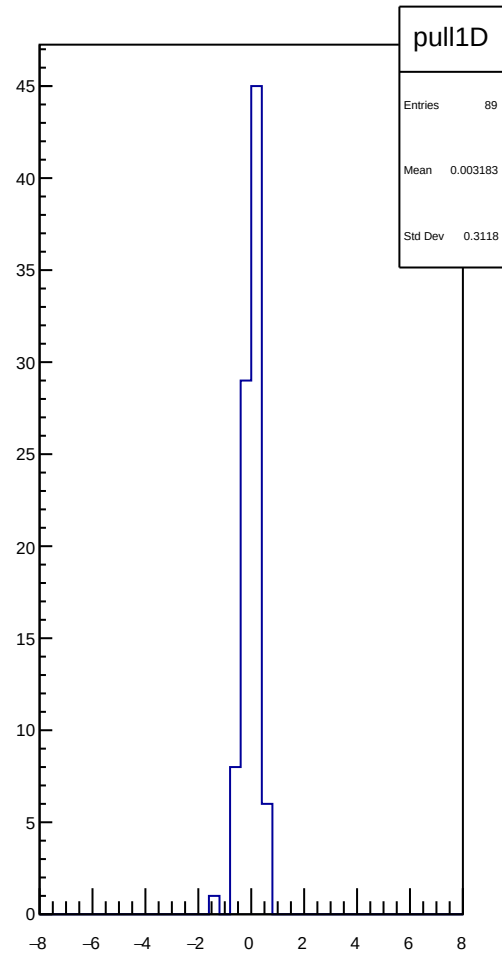
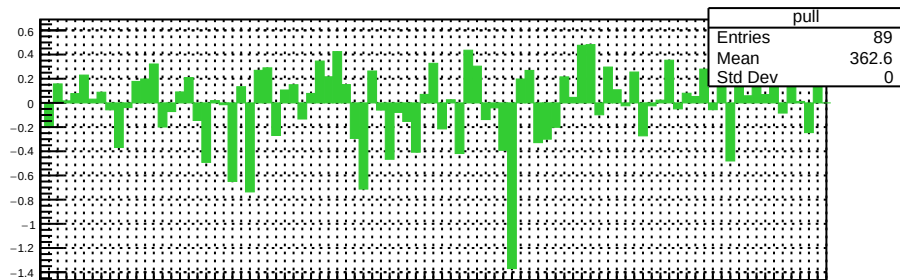
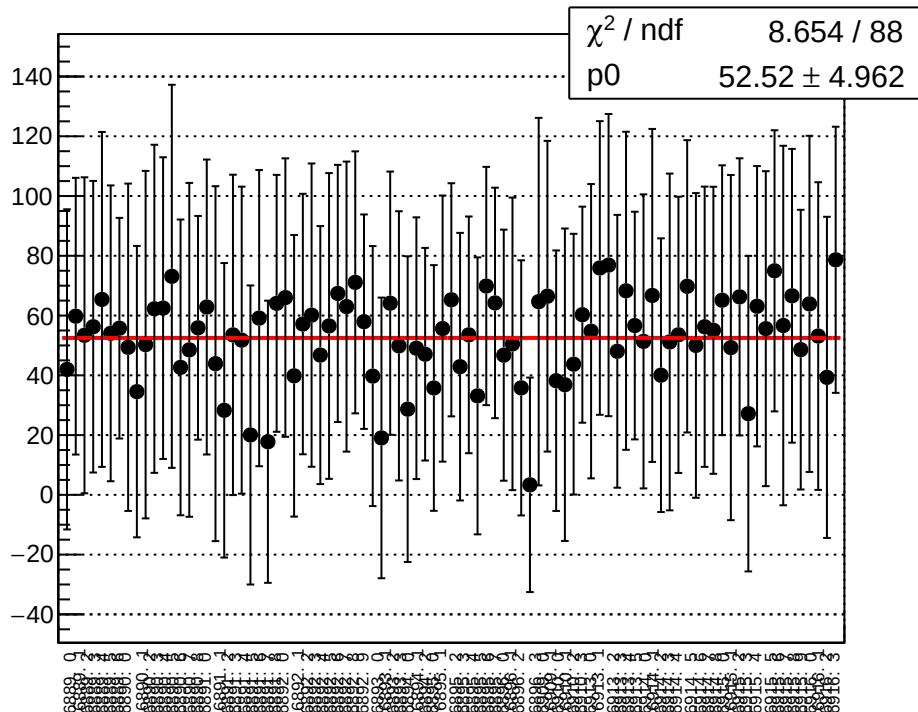
reg_asym_atl1r2_avg_diff_bpm4aY_slope vs run



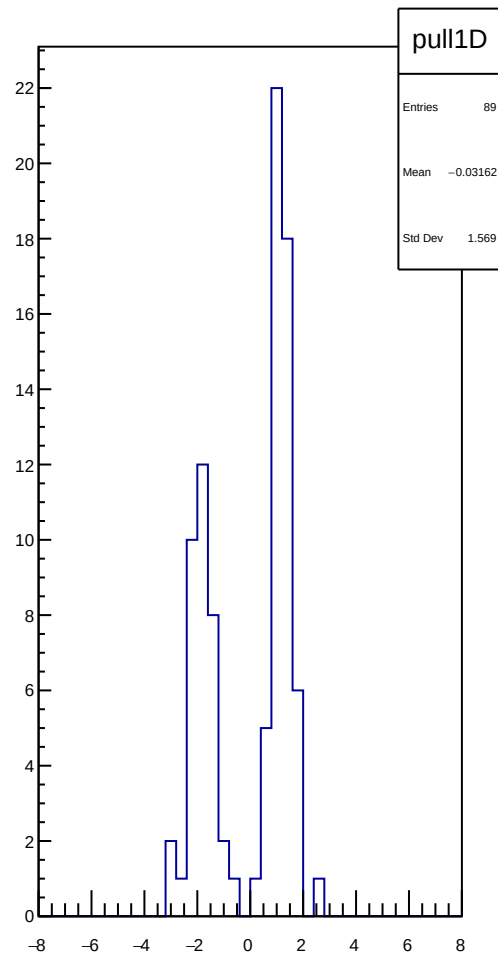
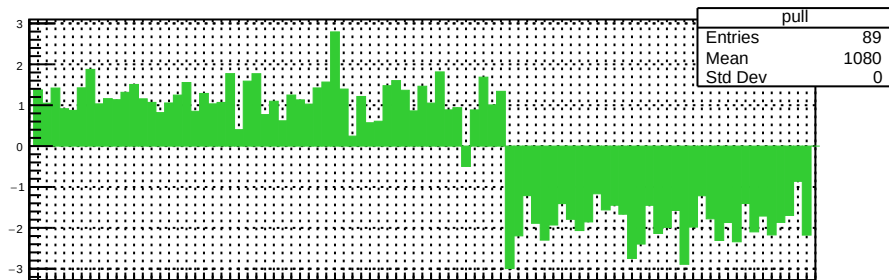
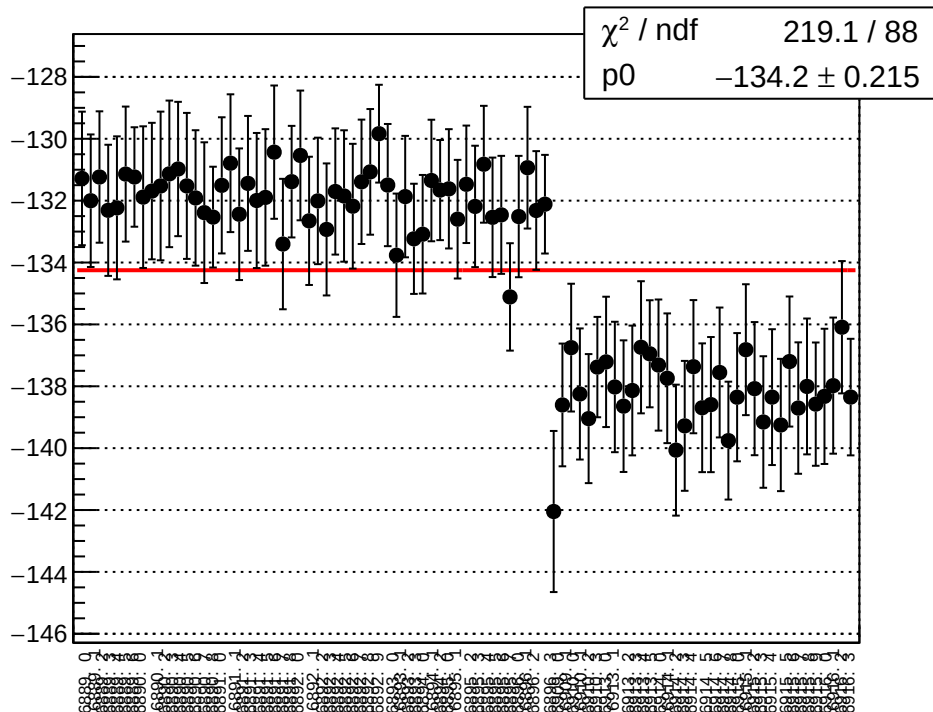
reg_asym_atl1r2_avg_diff_bpm4eX_slope vs run



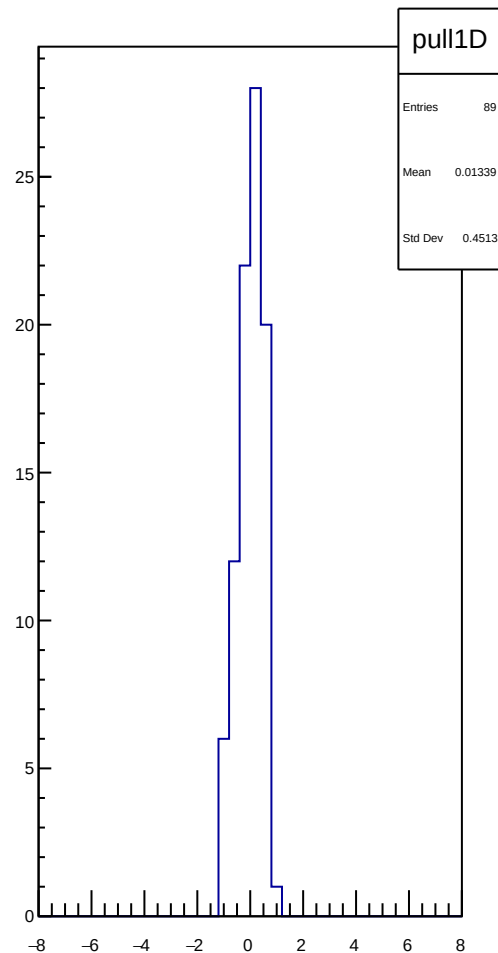
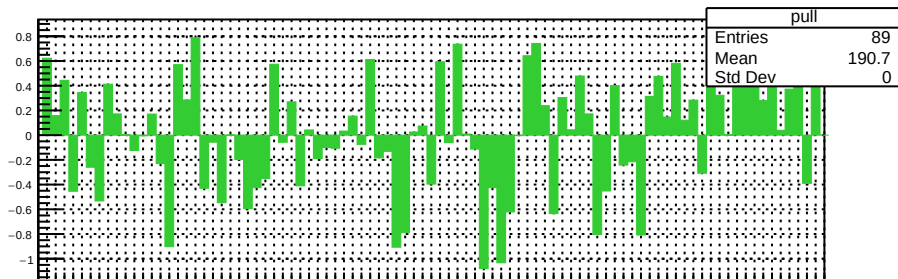
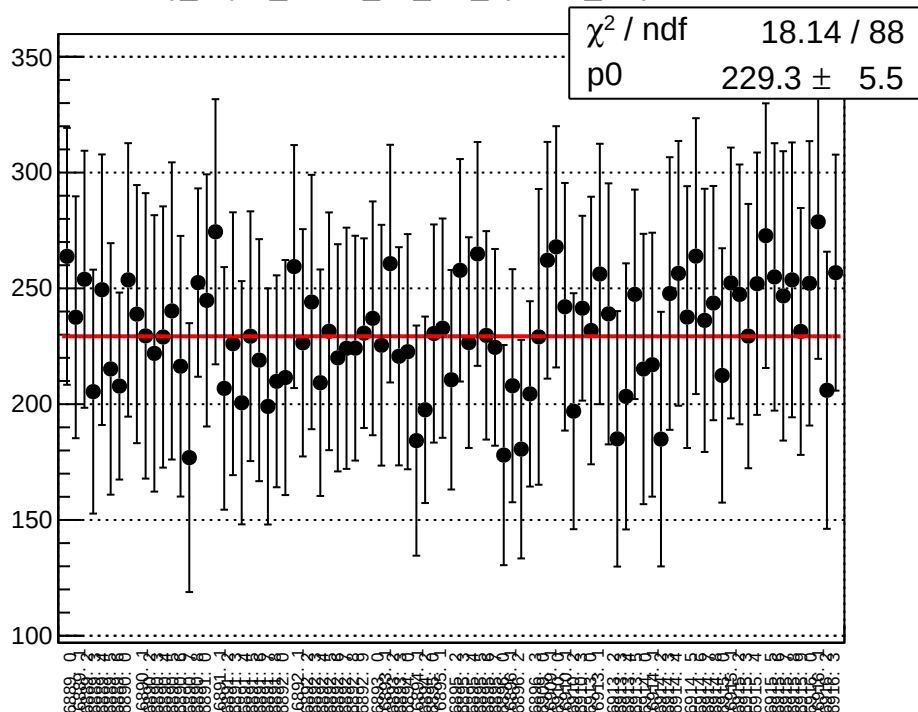
reg_asym_atl1r2_avg_diff_bpm4eY_slope vs run



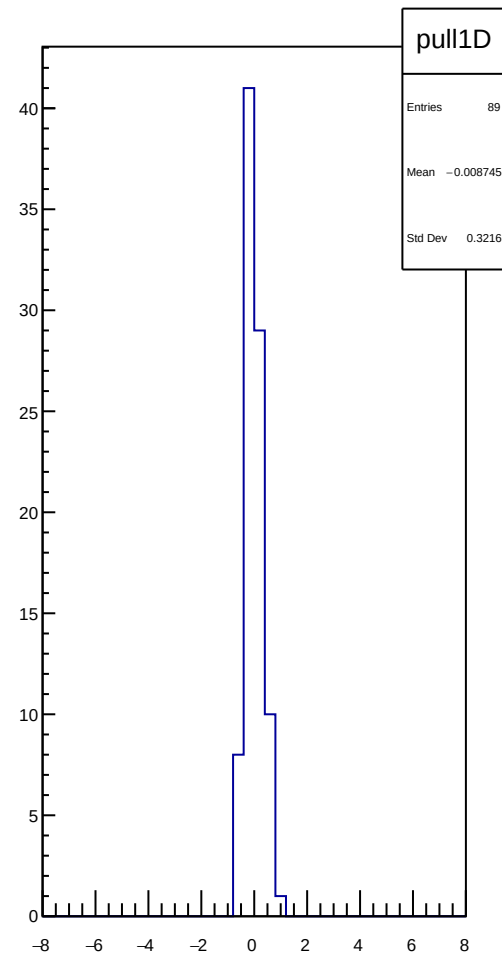
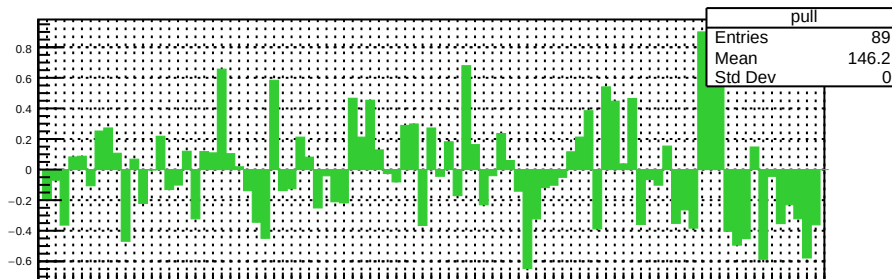
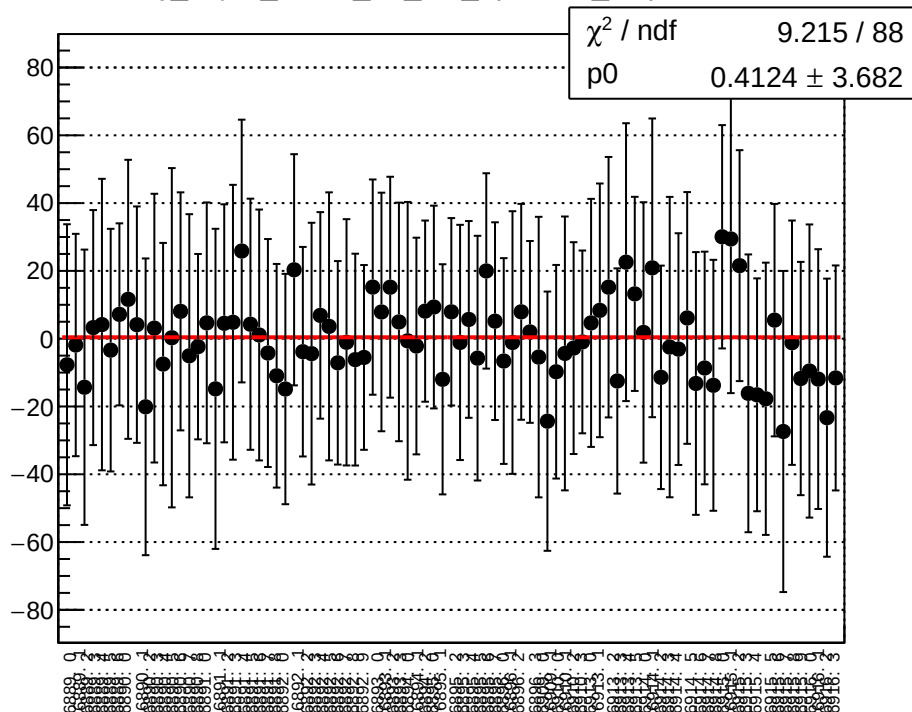
reg_asym_atl1r2_avg_diff_bpm12X_slope vs run



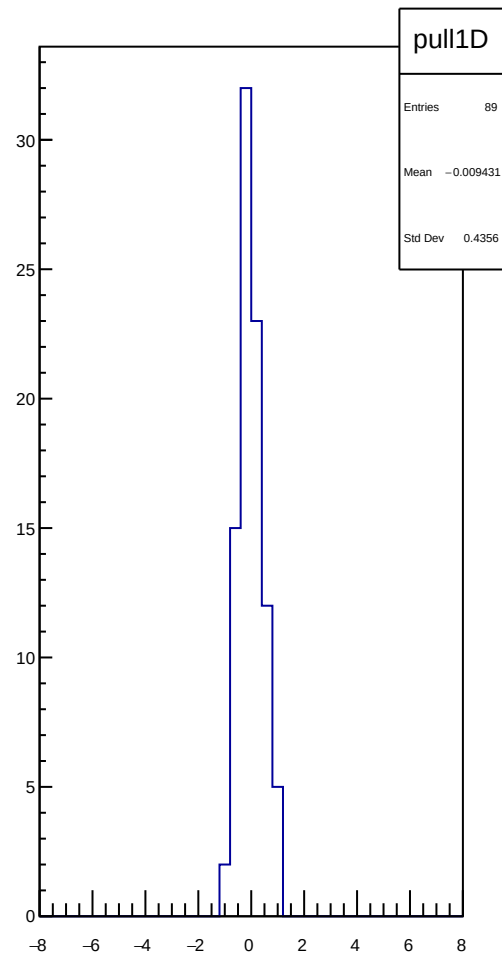
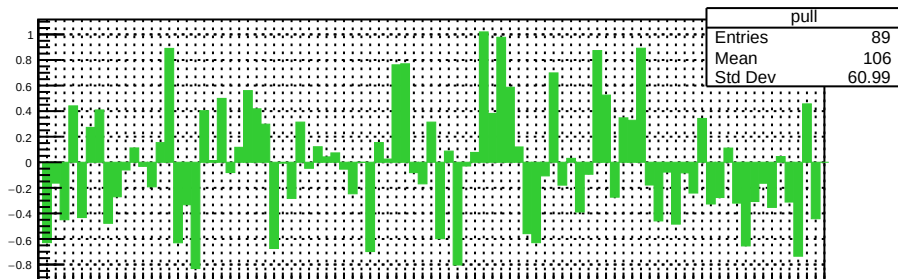
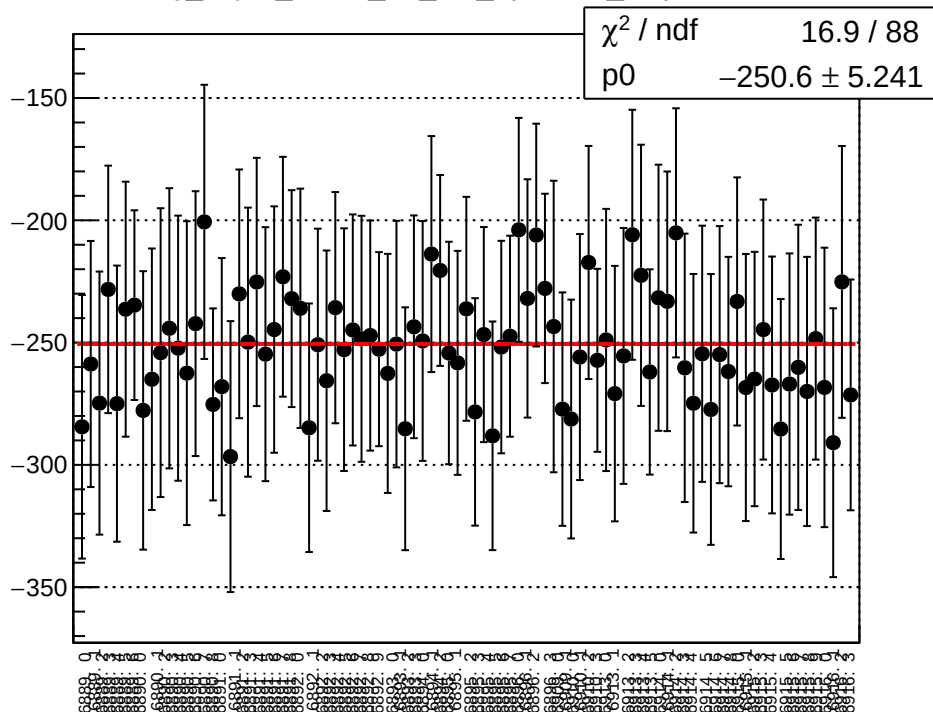
reg_asym_atl1r2_dd_diff_bpm1X_slope vs run



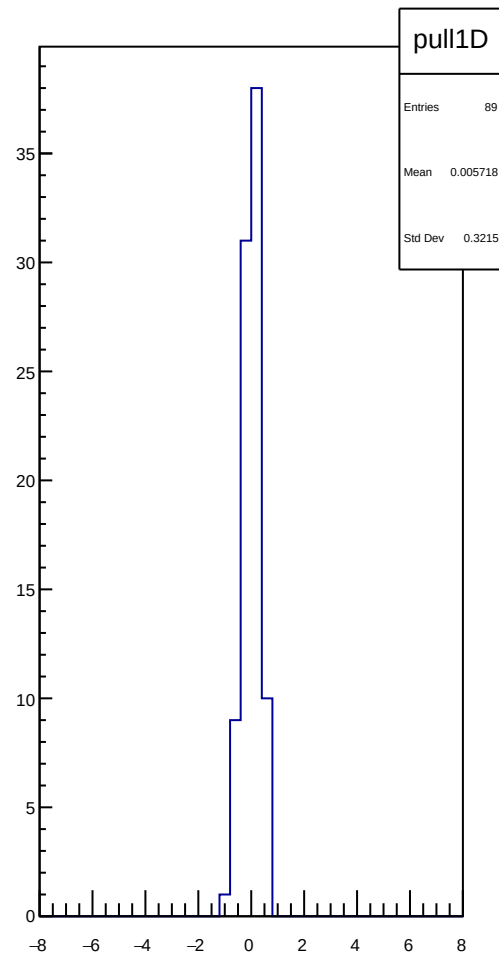
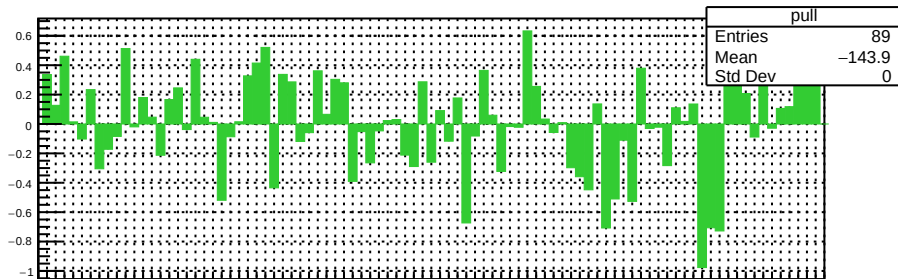
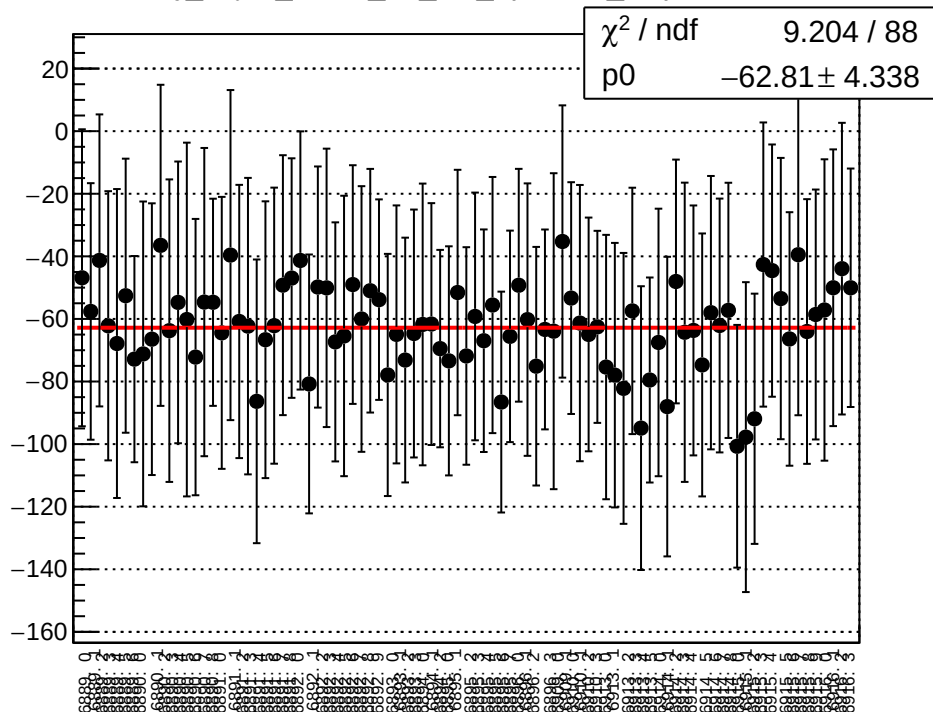
reg_asym_atl1r2_dd_diff_bpm4aY_slope vs run



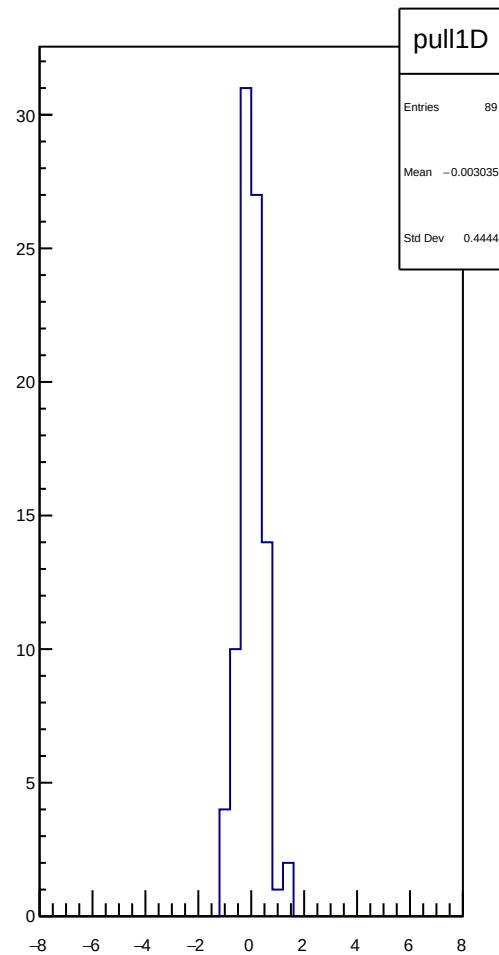
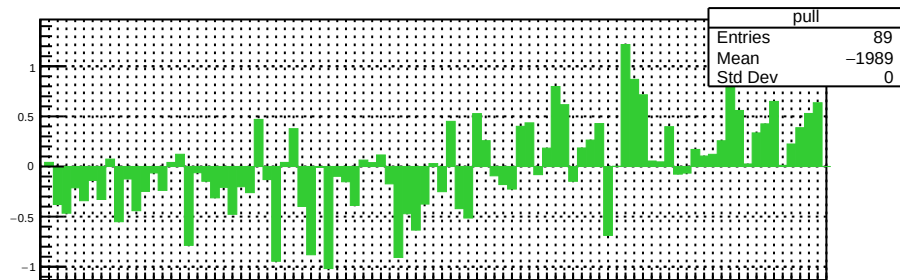
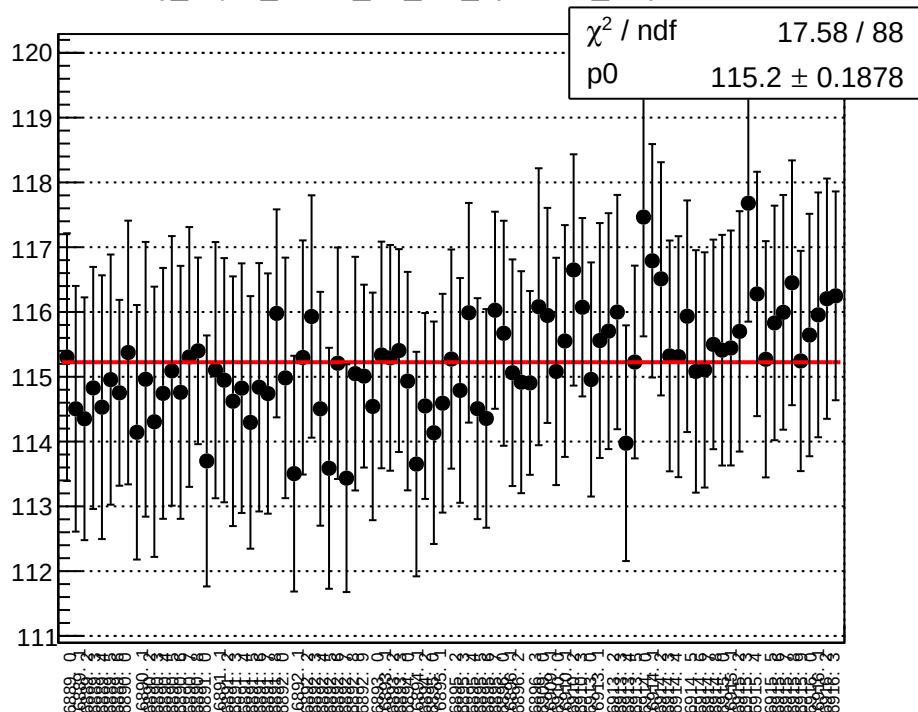
reg_asym_atl1r2_dd_diff_bpm4eX_slope vs run



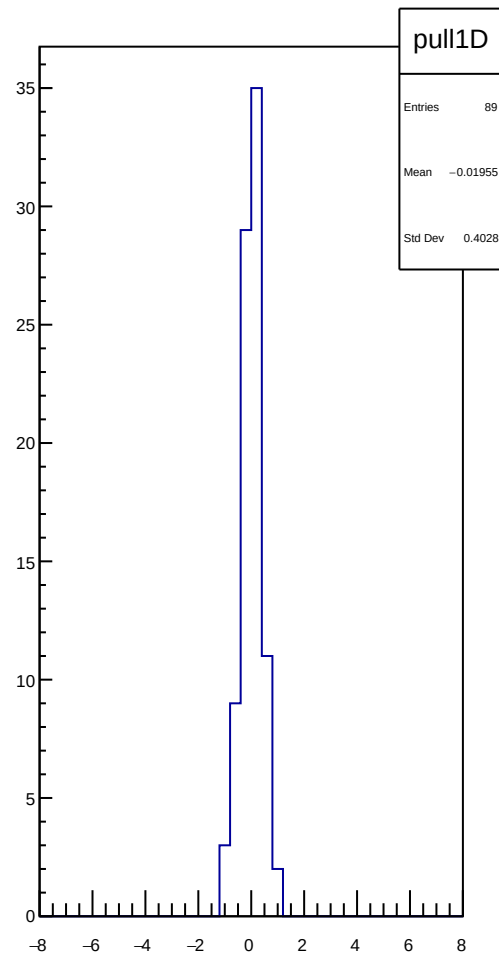
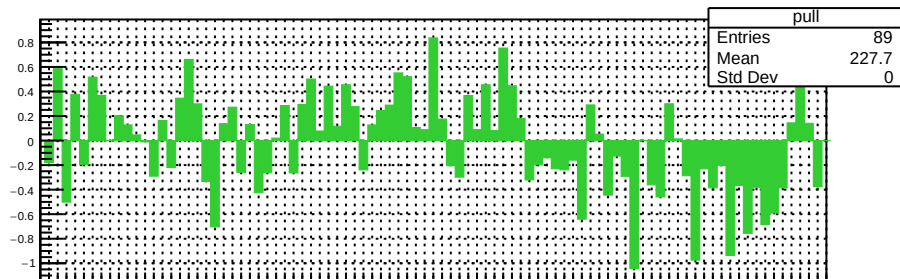
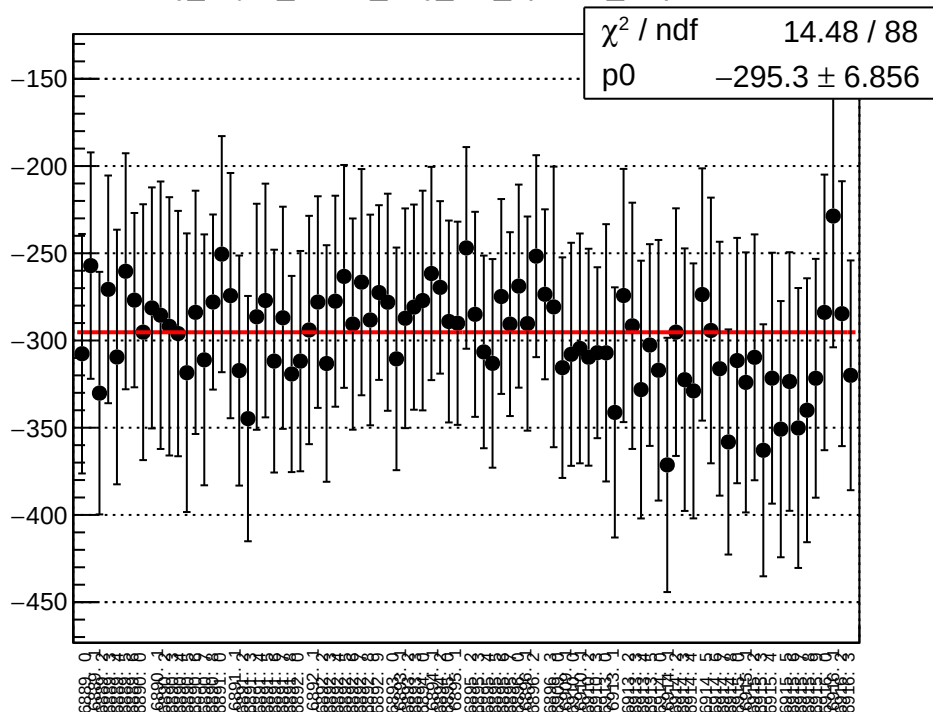
reg_asym_atl1r2_dd_diff_bpm4eY_slope vs run



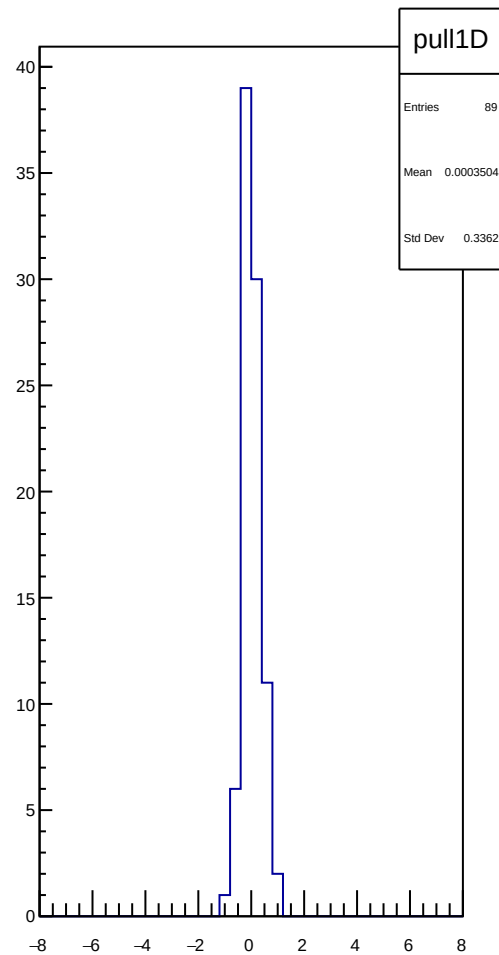
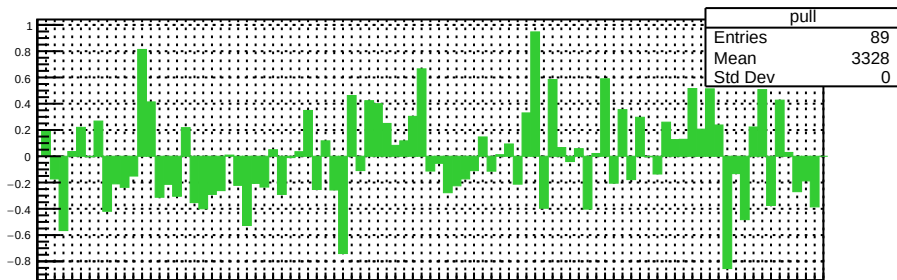
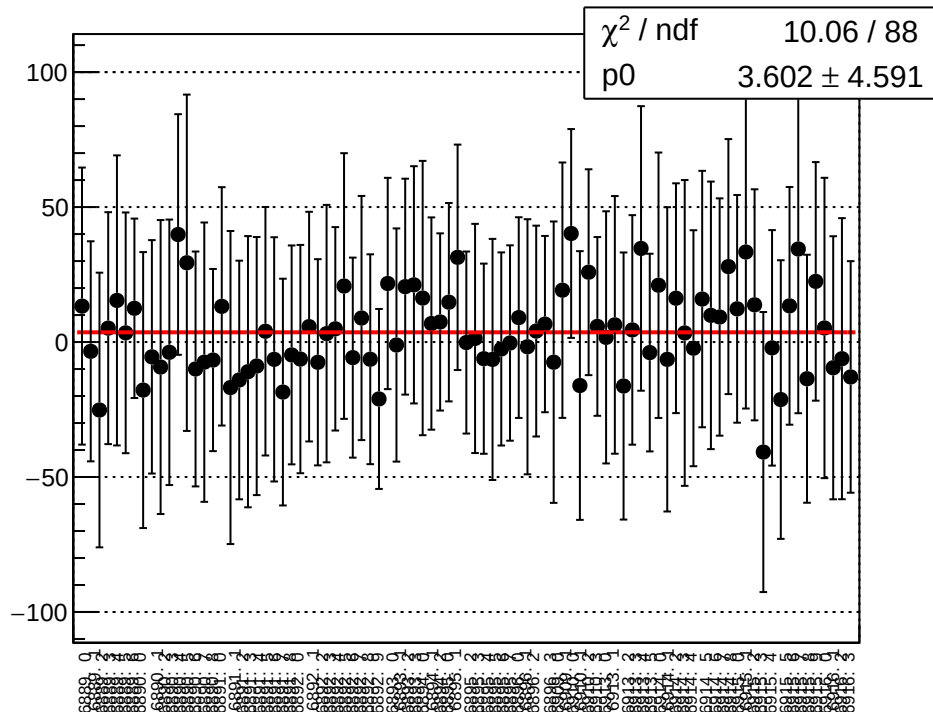
reg_asym_atl1r2_dd_diff_bpm12X_slope vs run



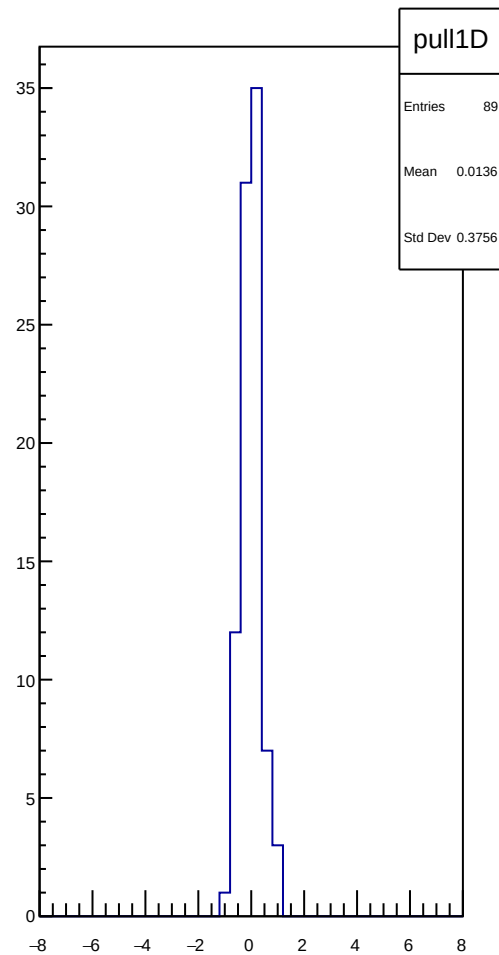
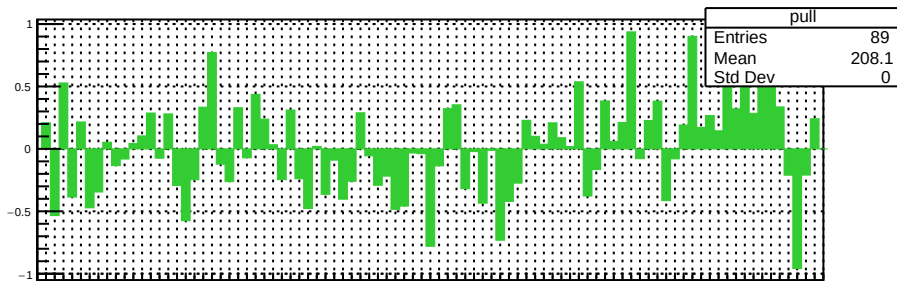
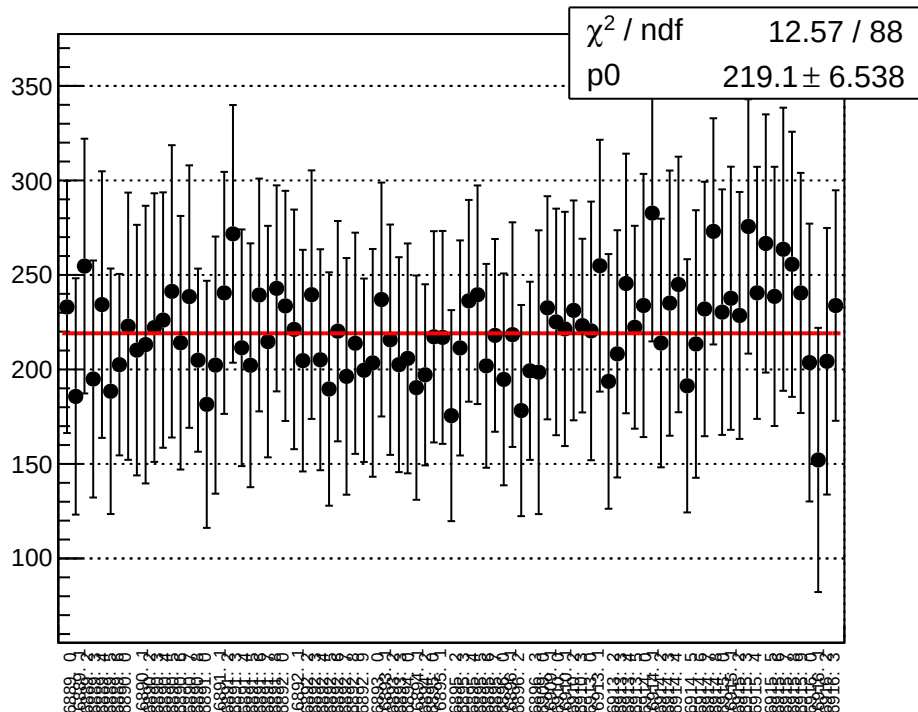
reg_asym_atr1l2_avg_diff_bpm1X_slope vs run



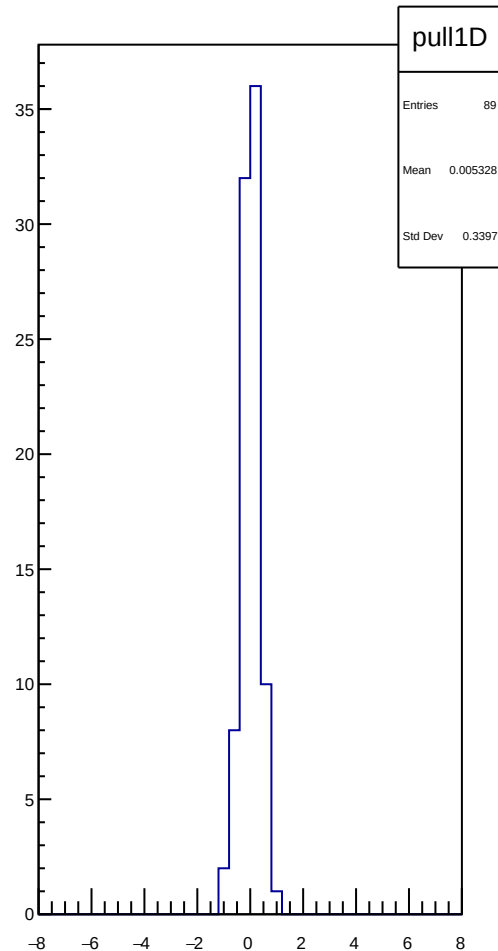
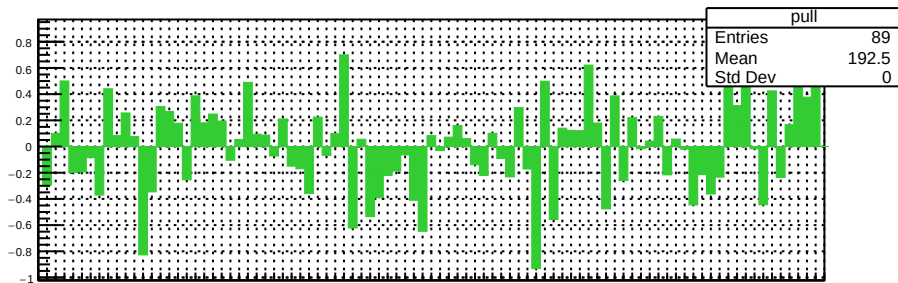
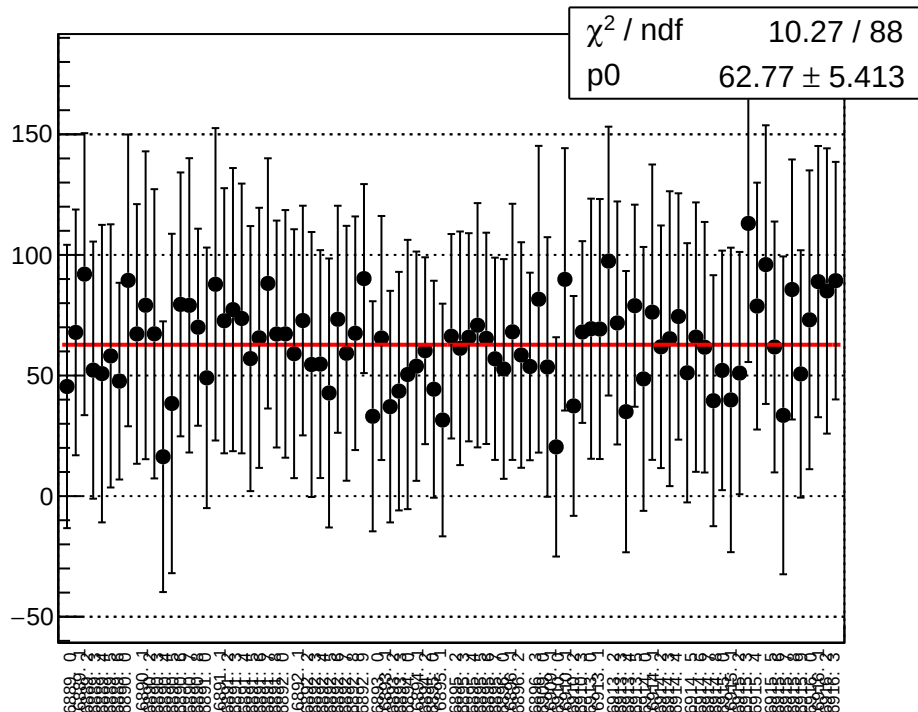
reg_asym_atr1l2_avg_diff_bpm4aY_slope vs run



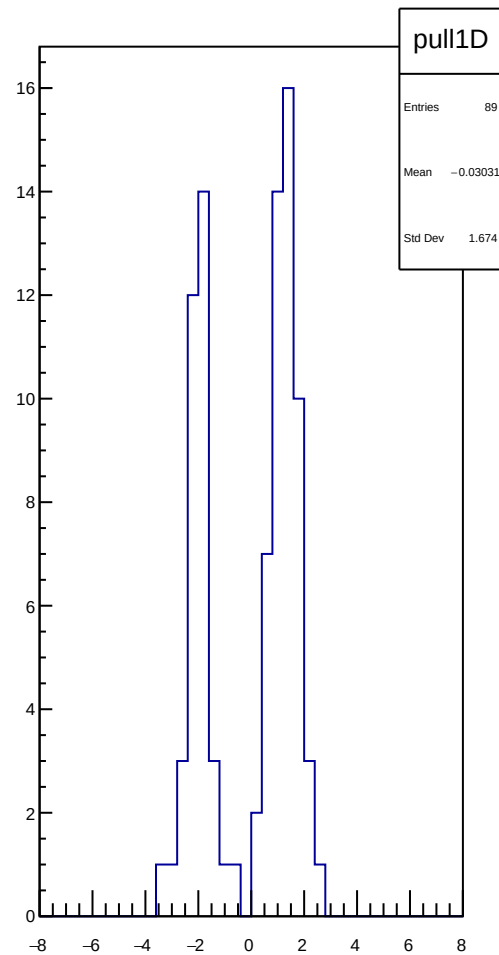
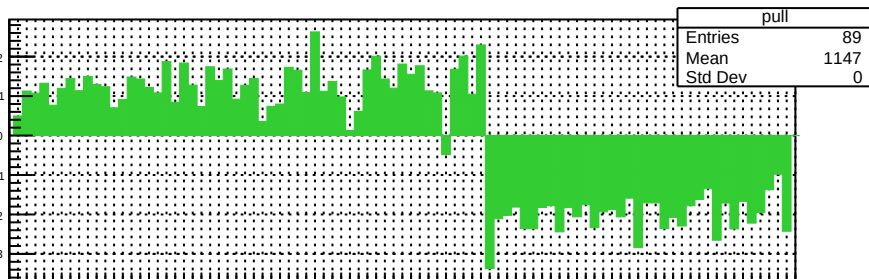
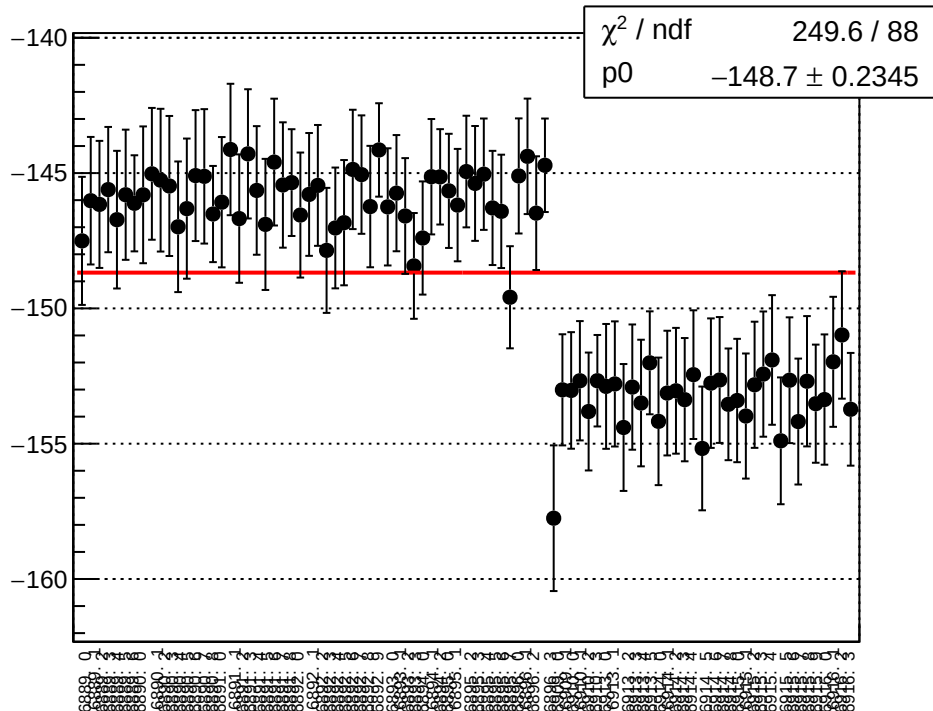
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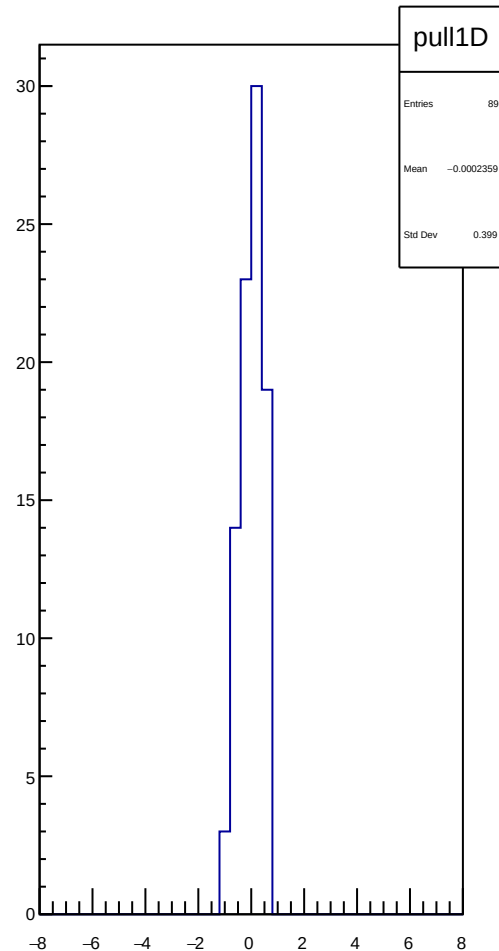
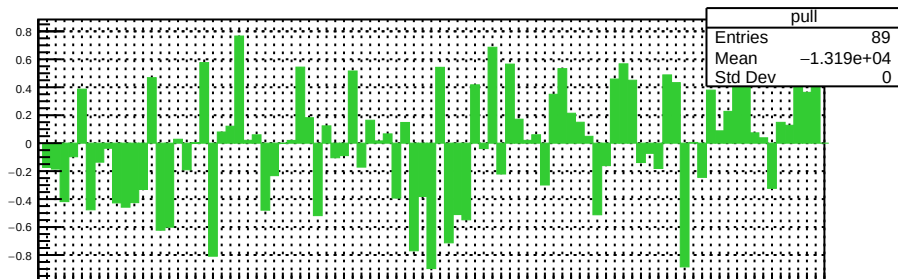
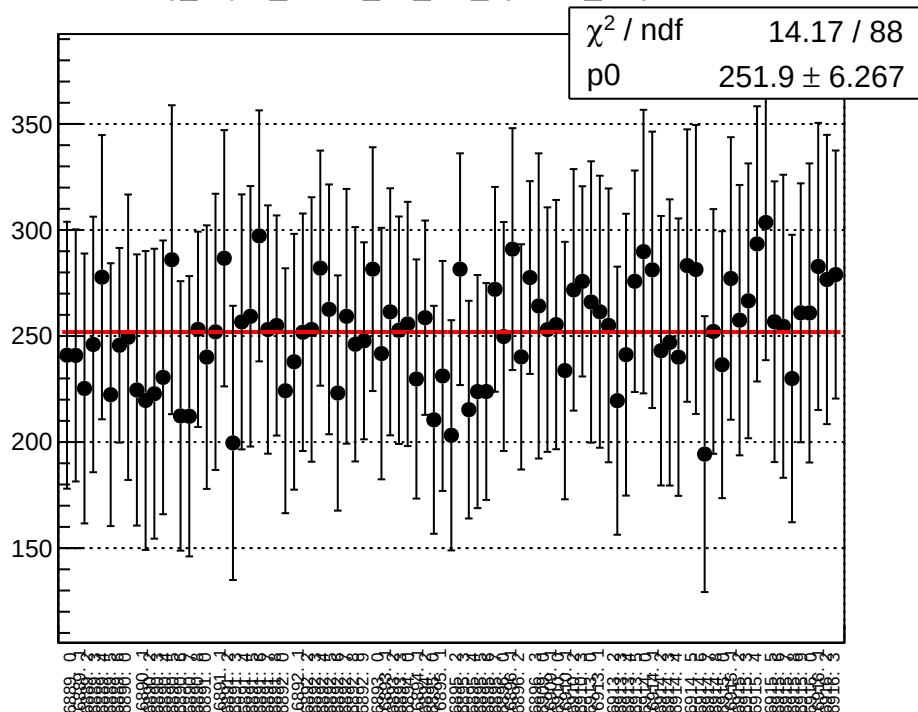
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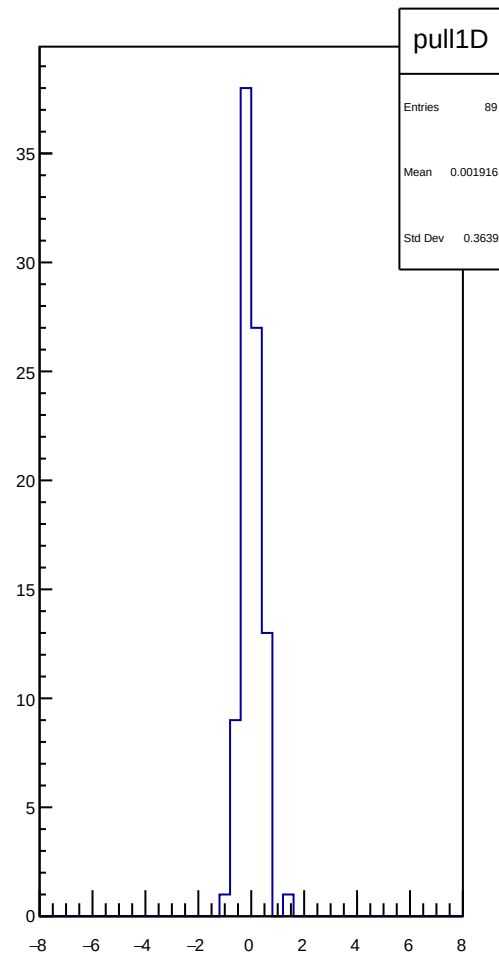
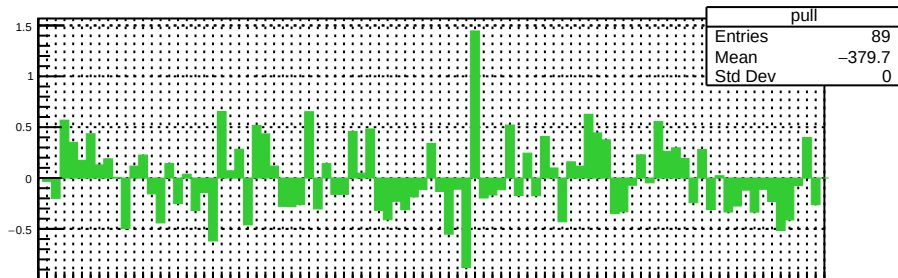
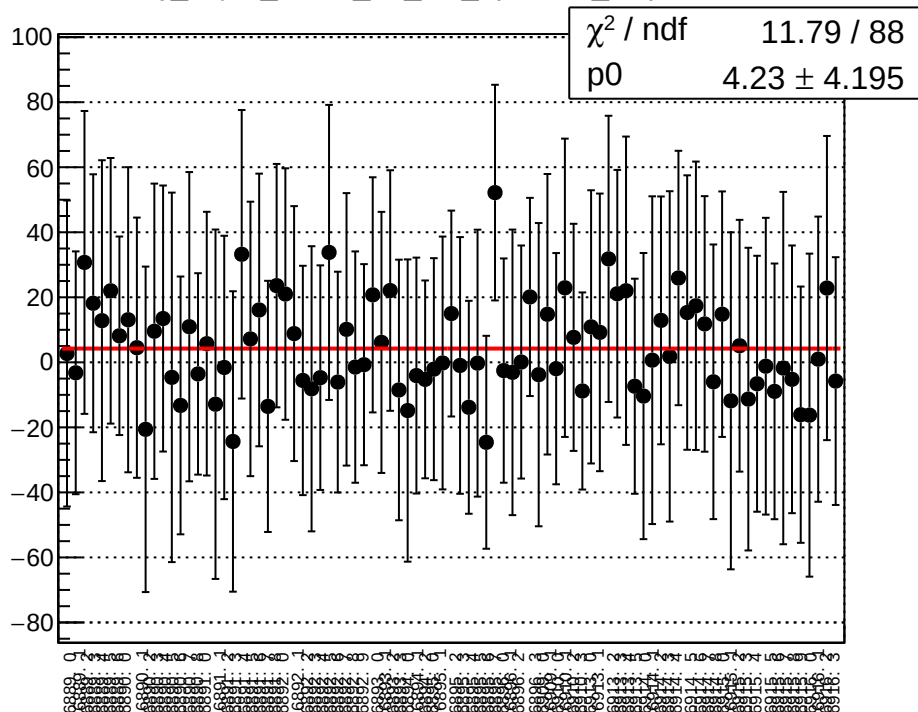
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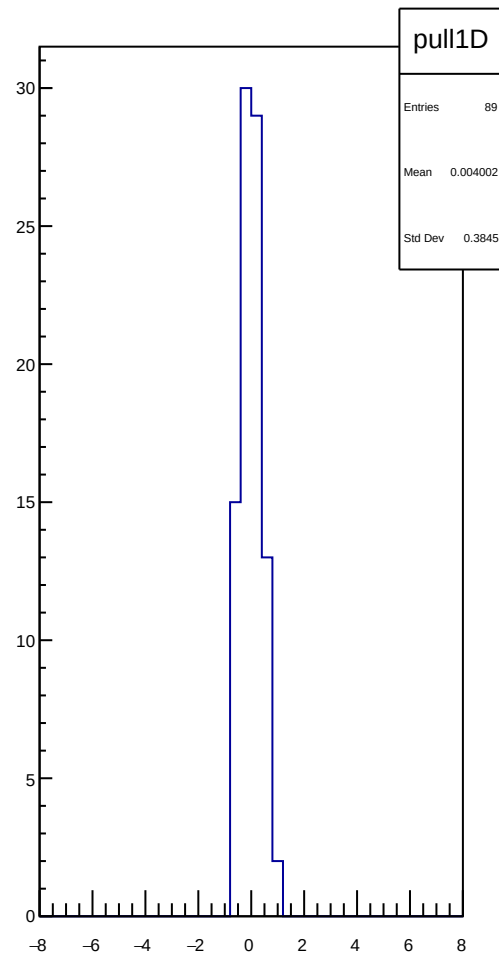
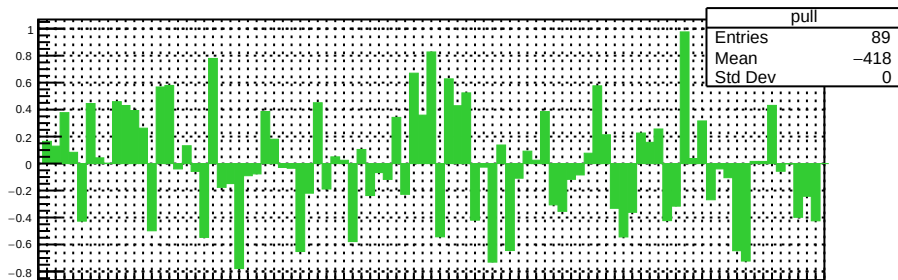
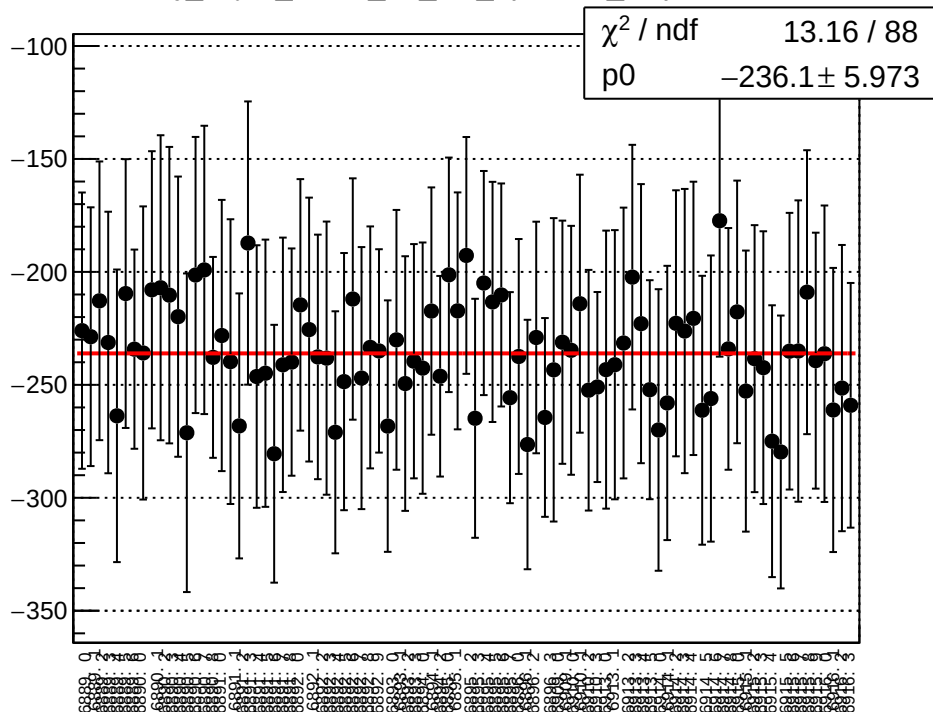
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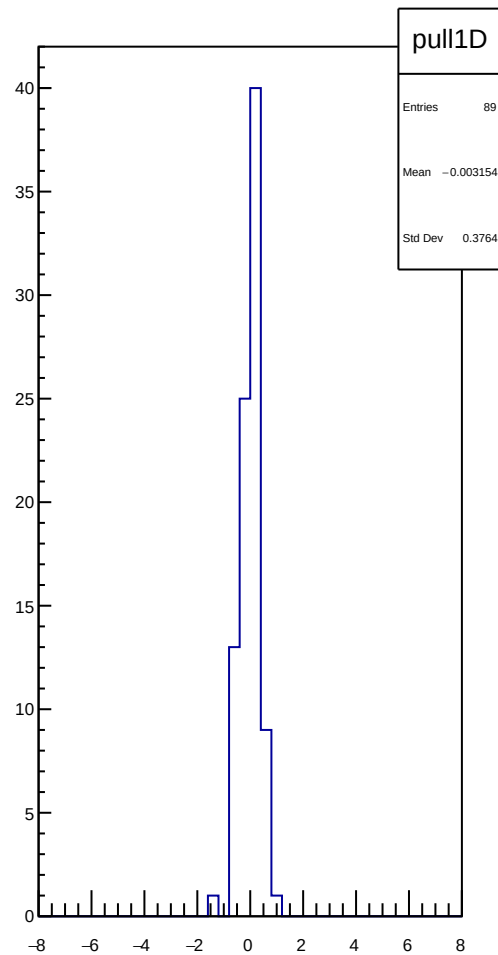
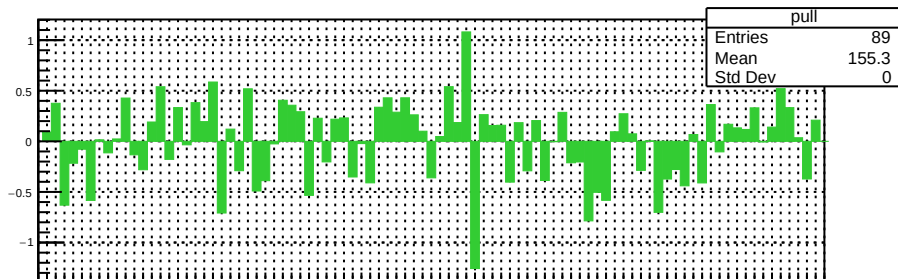
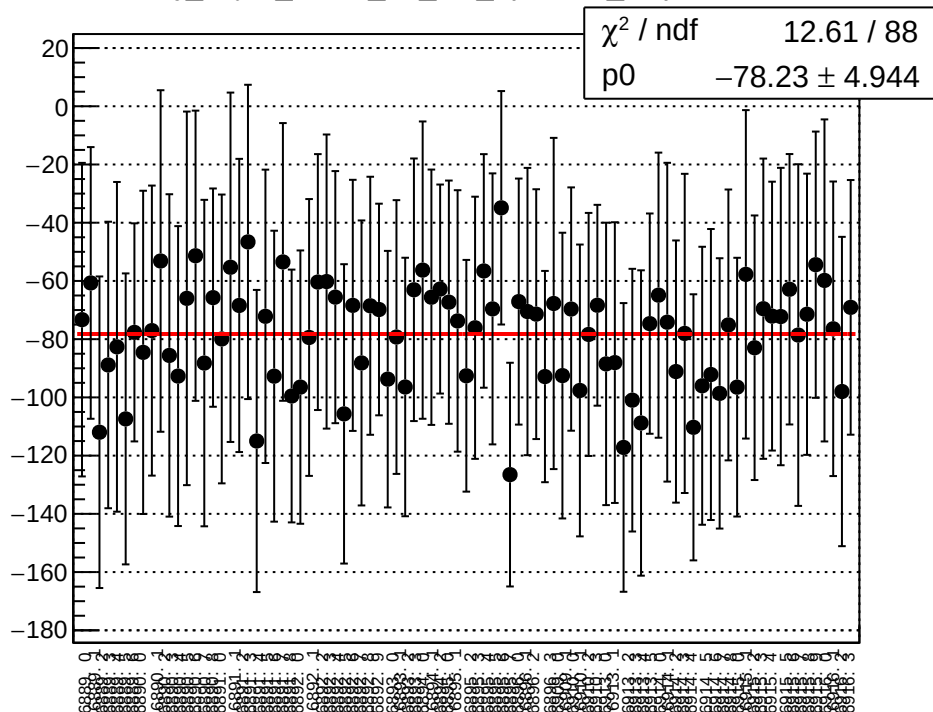
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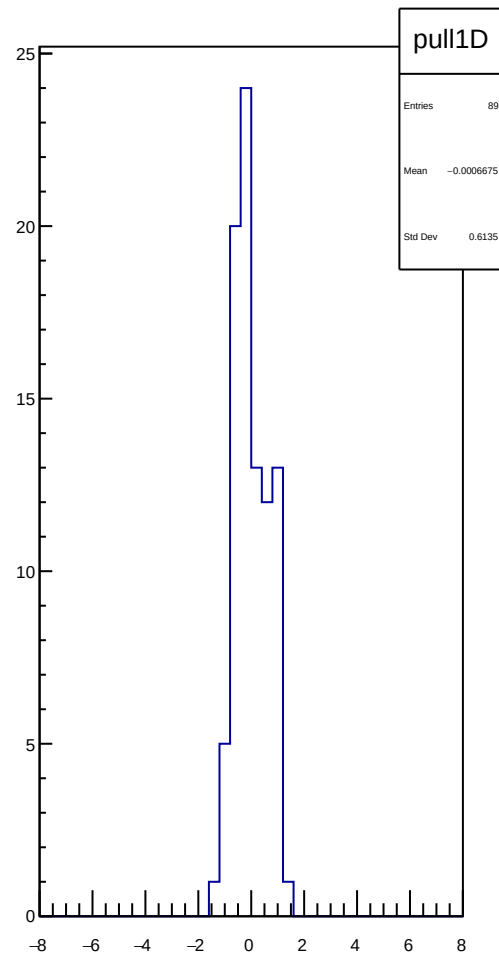
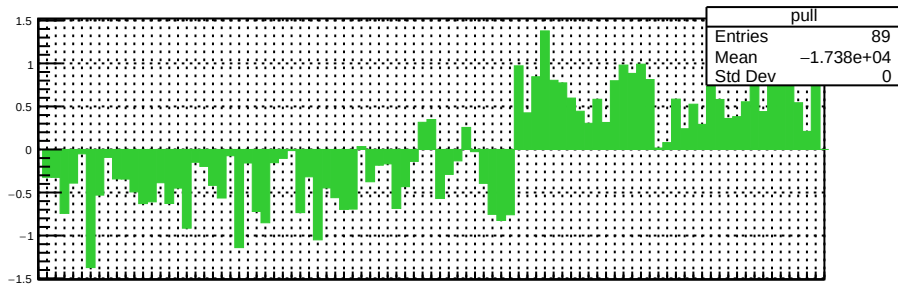
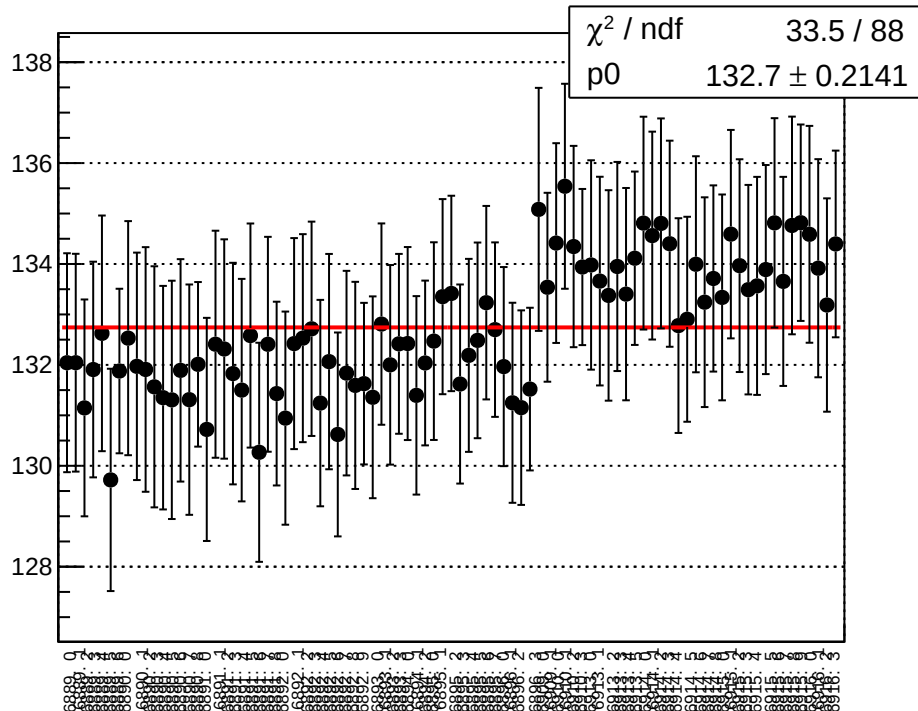
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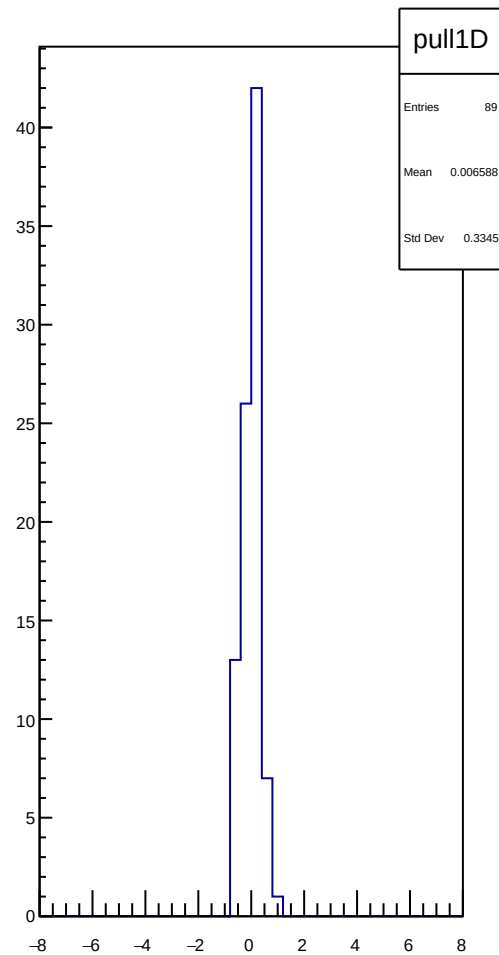
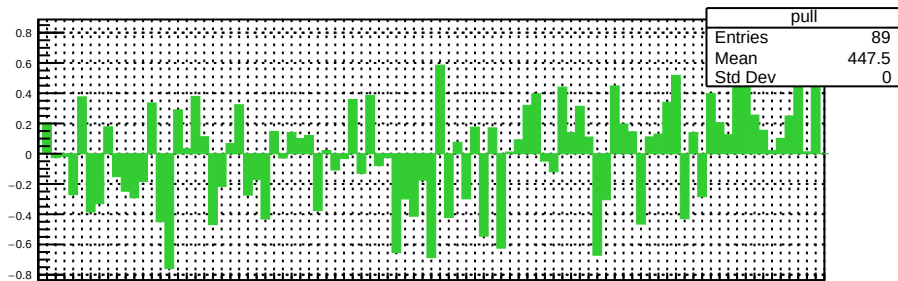
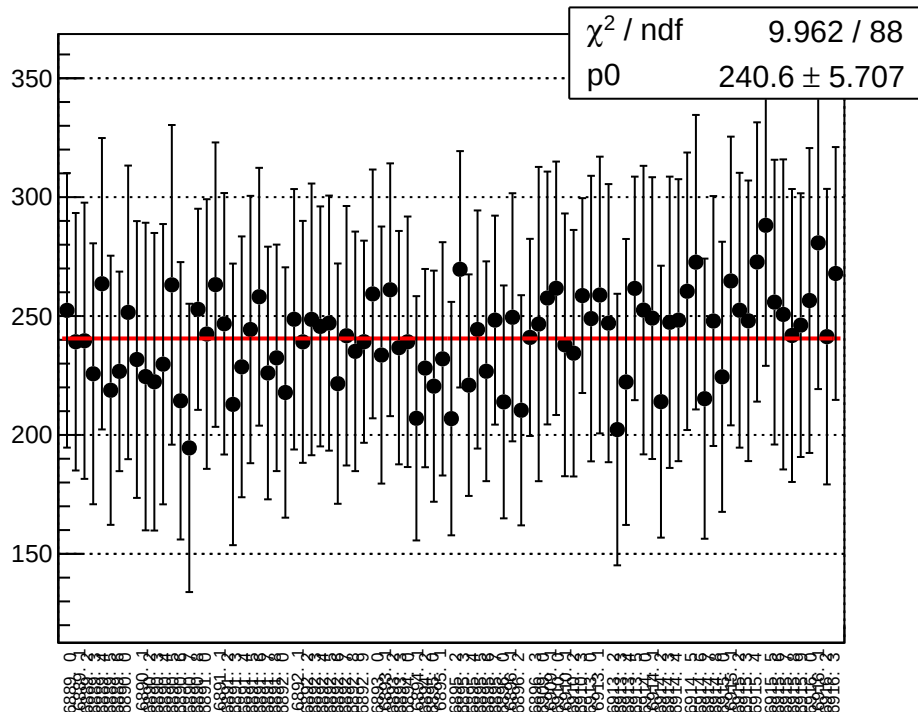
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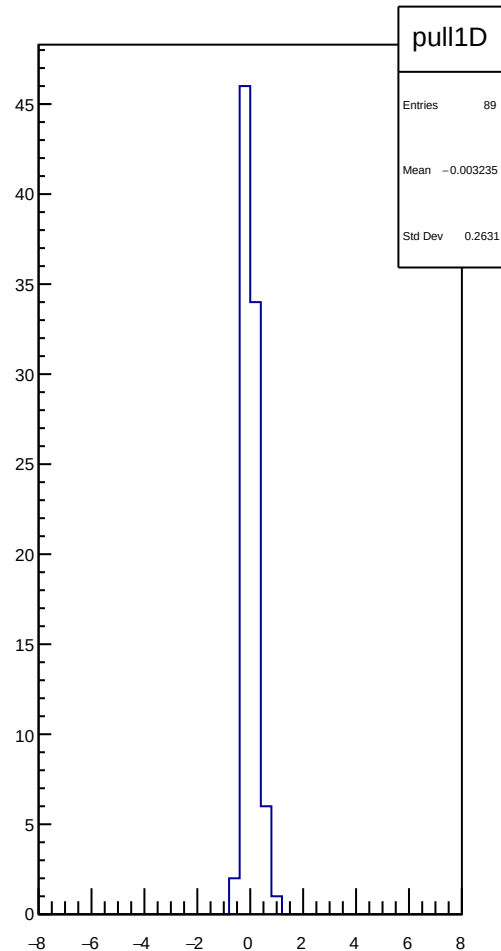
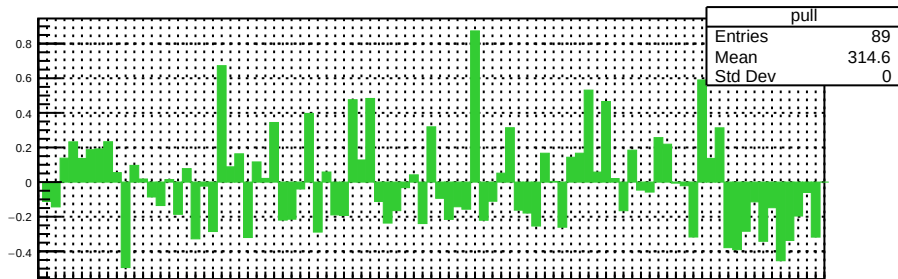
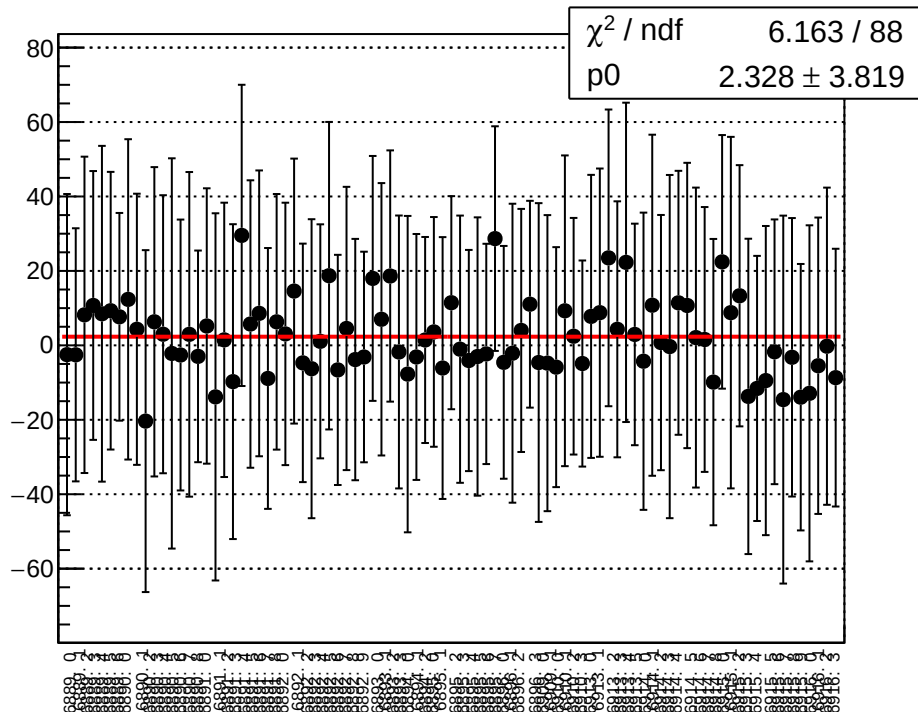
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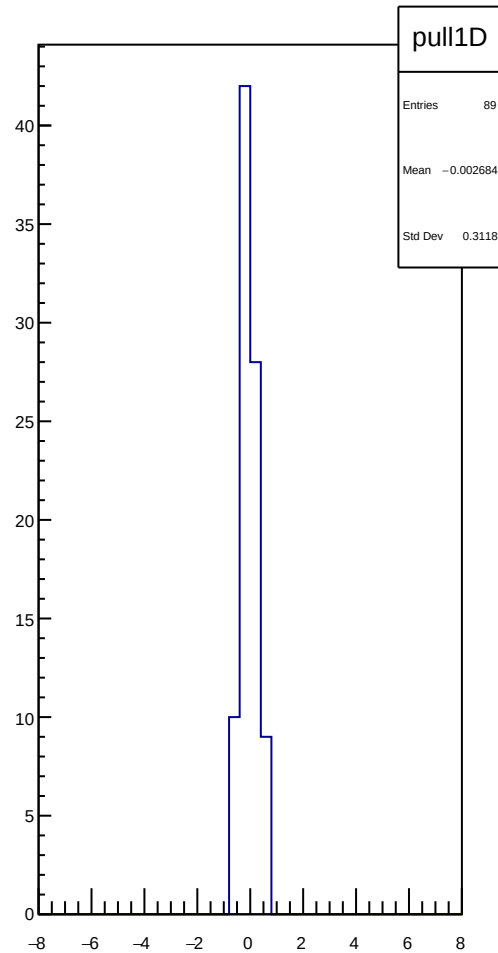
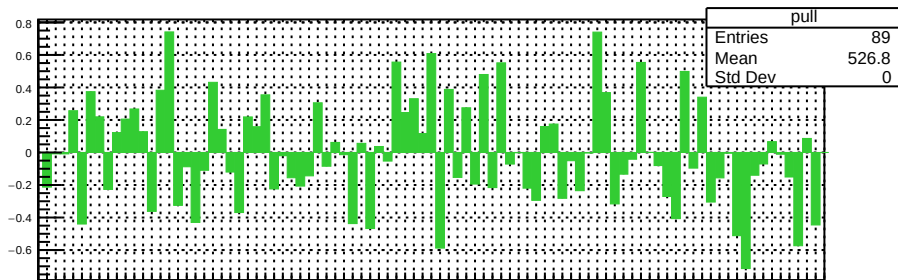
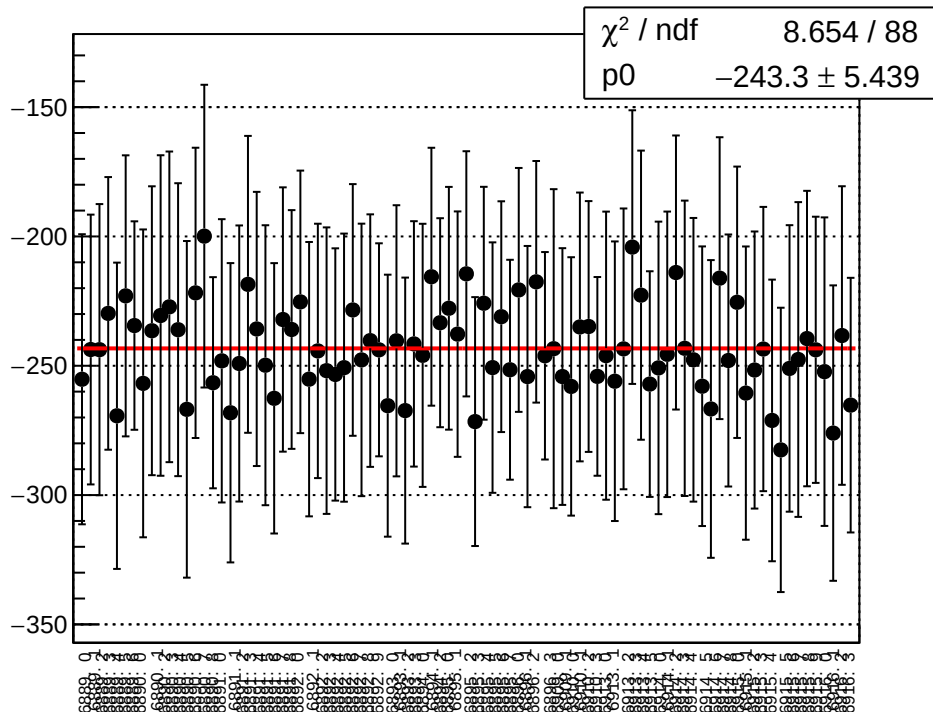
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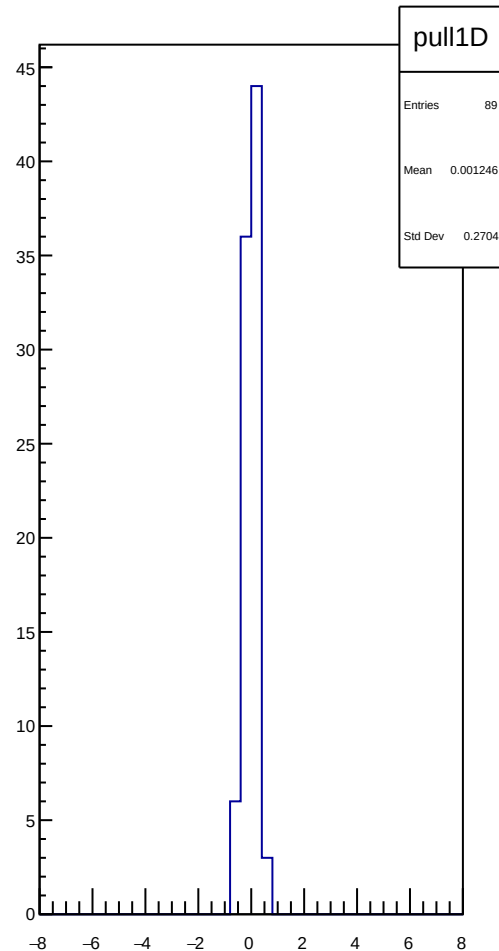
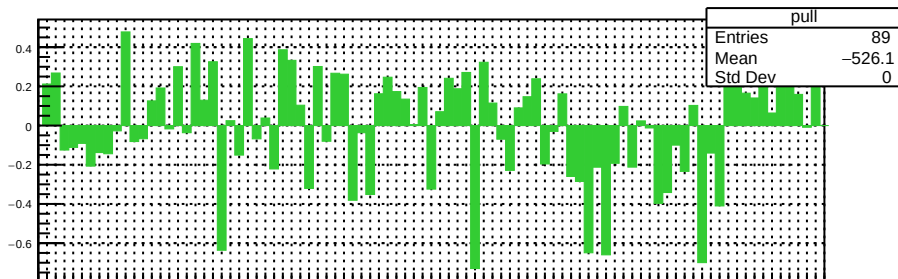
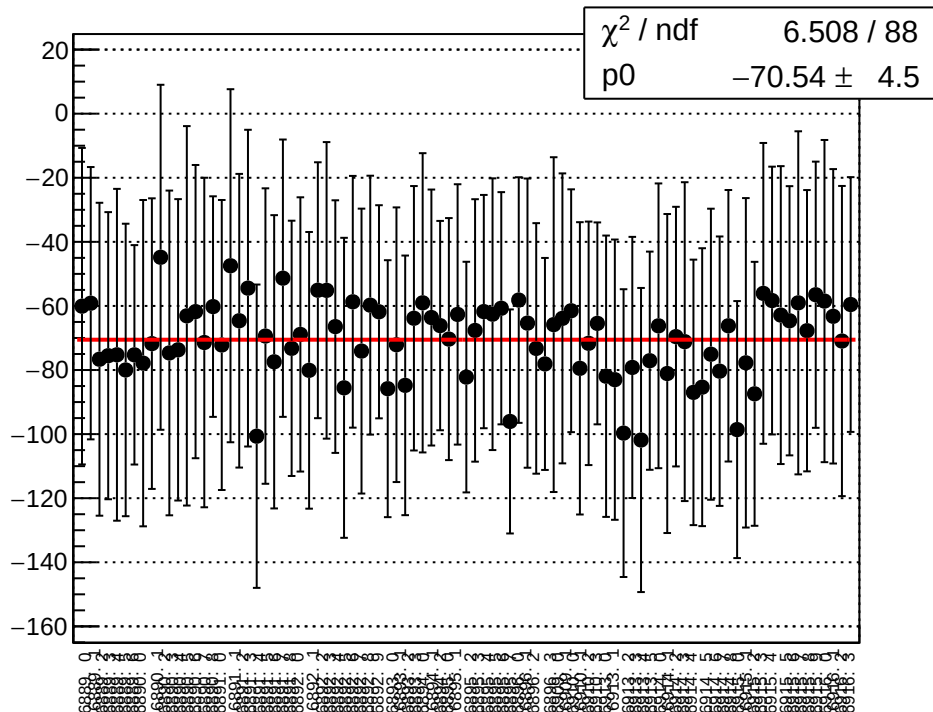
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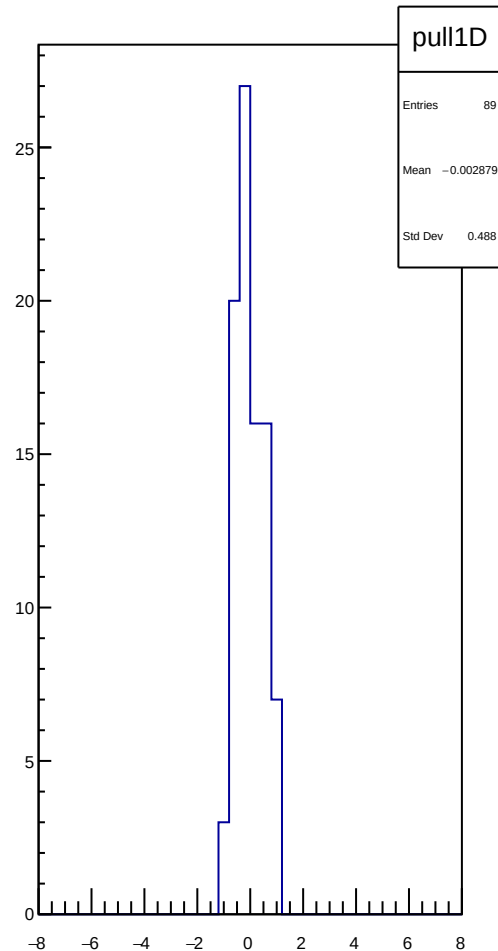
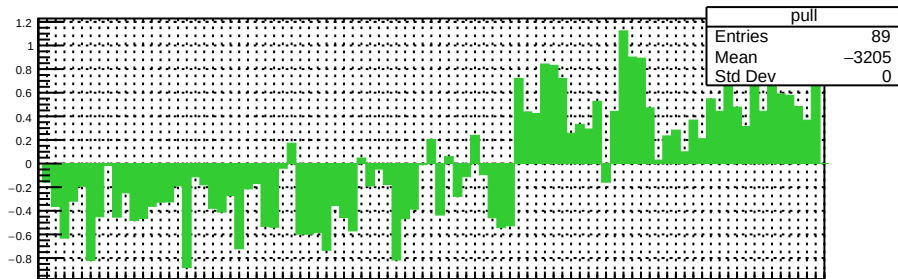
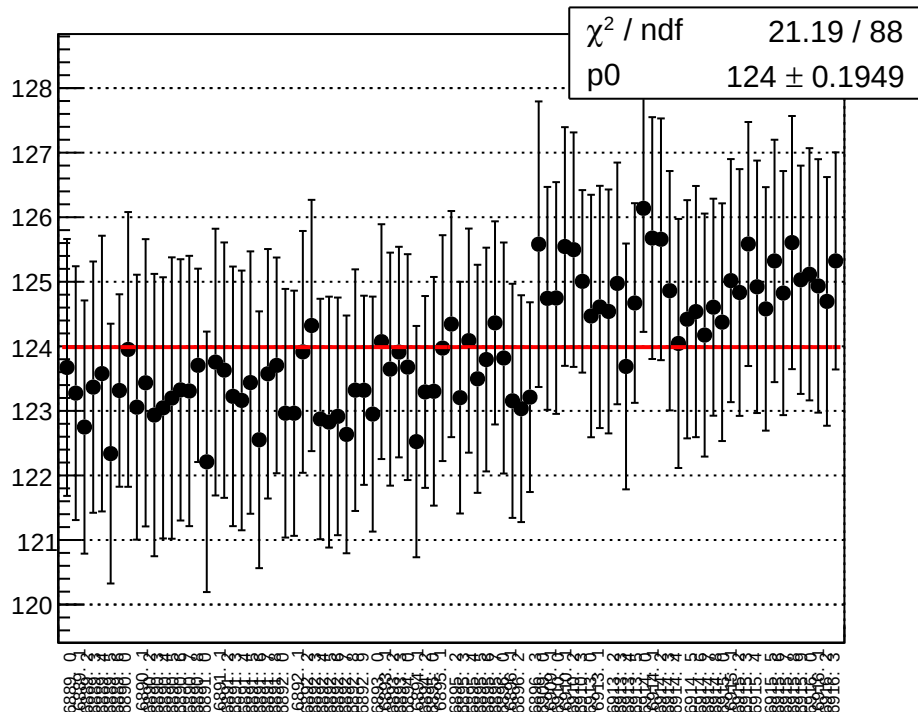
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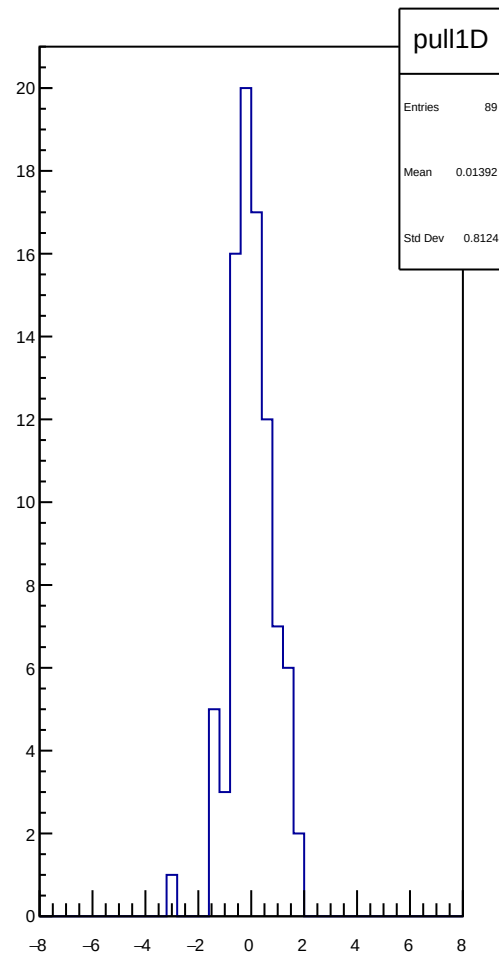
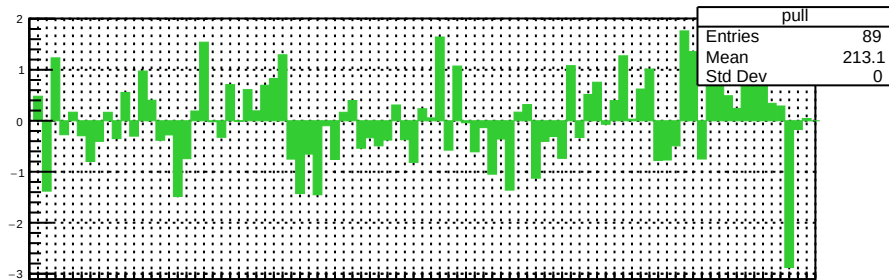
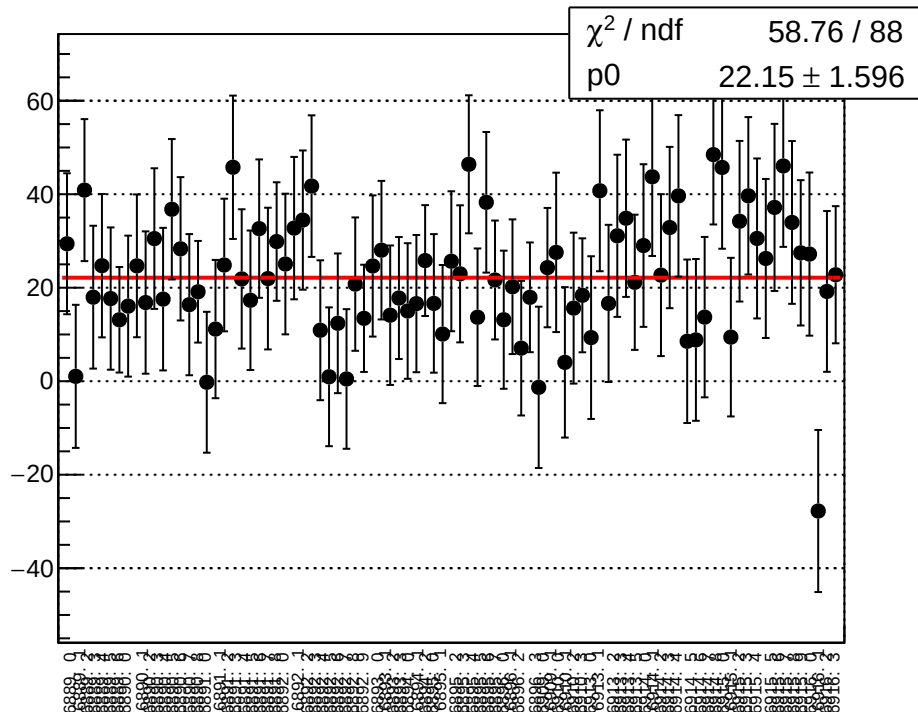
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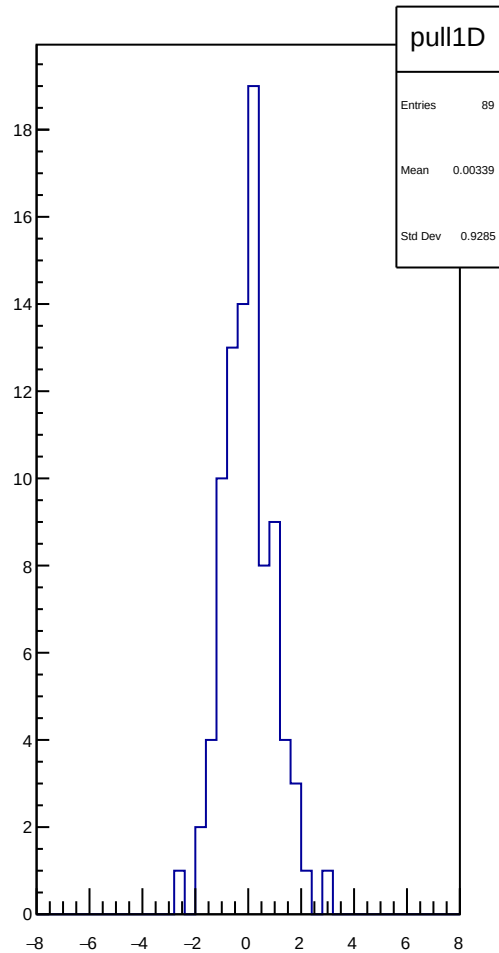
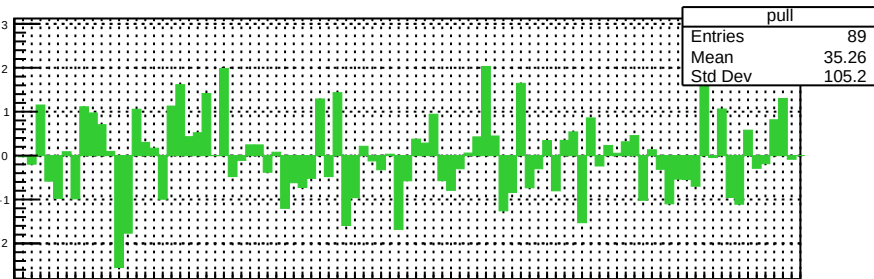
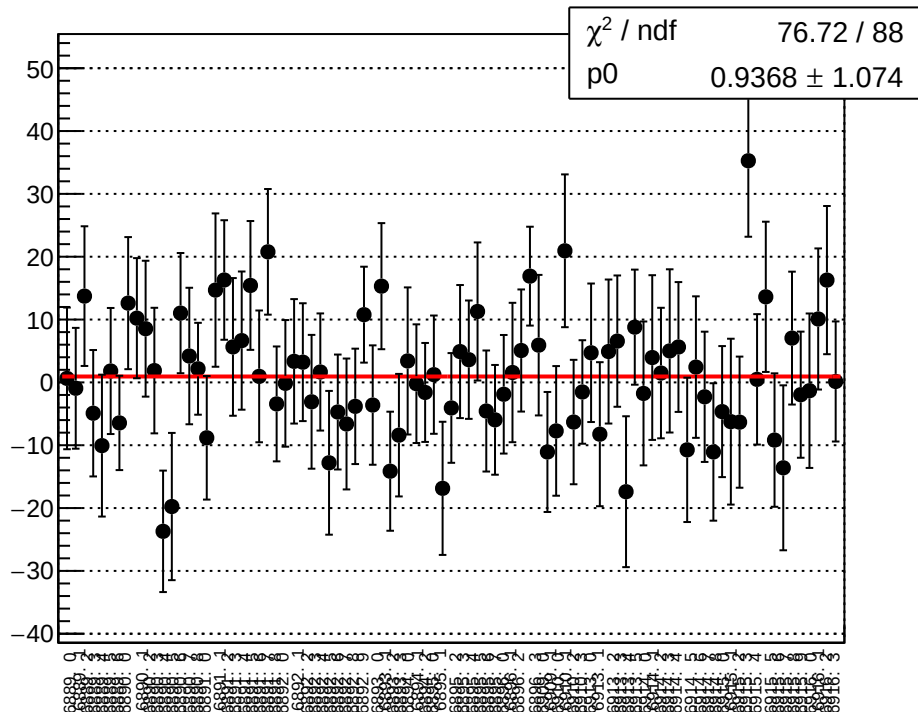
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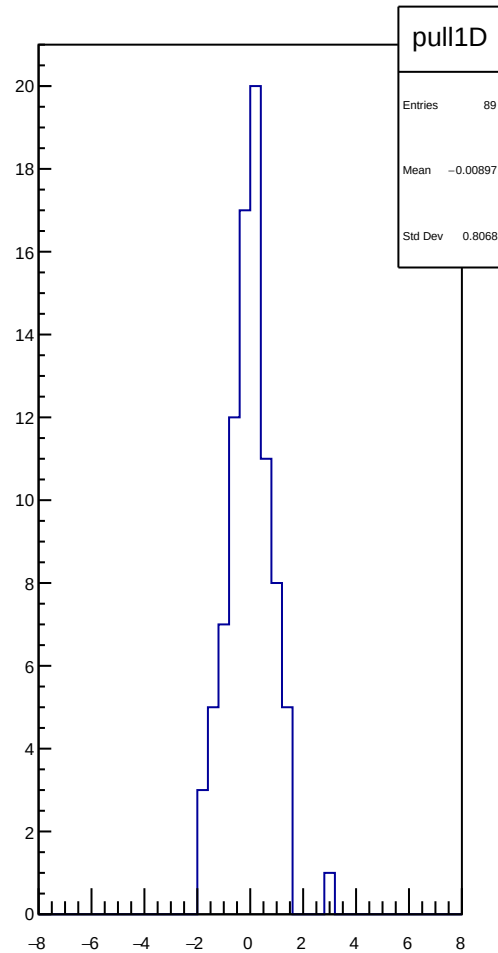
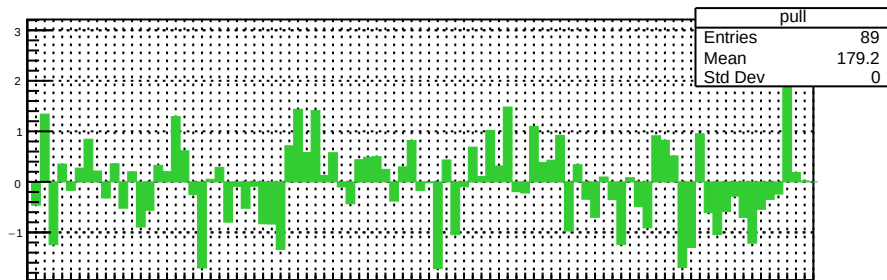
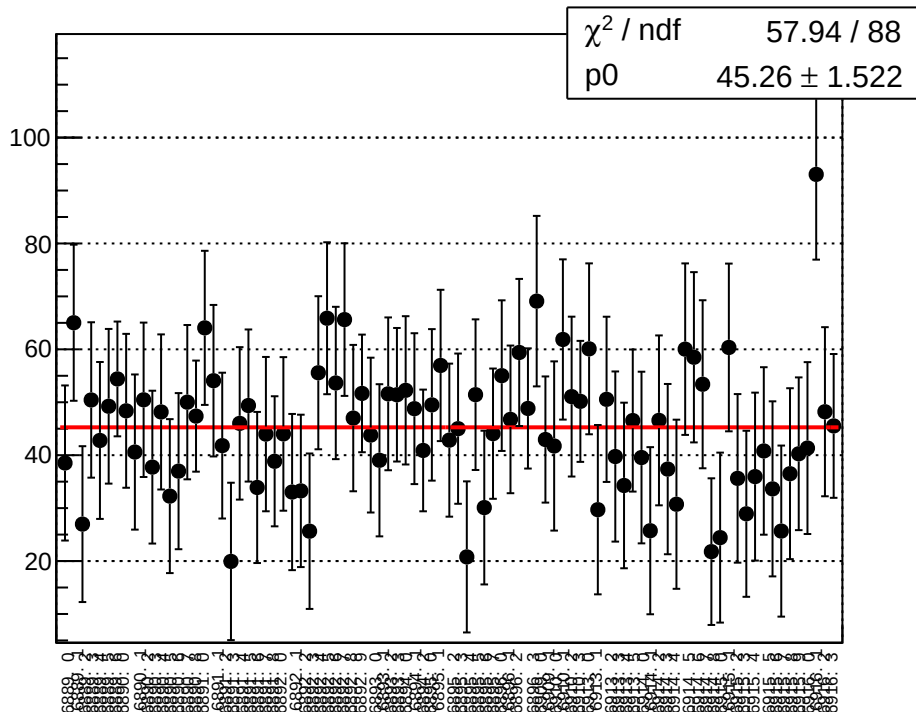
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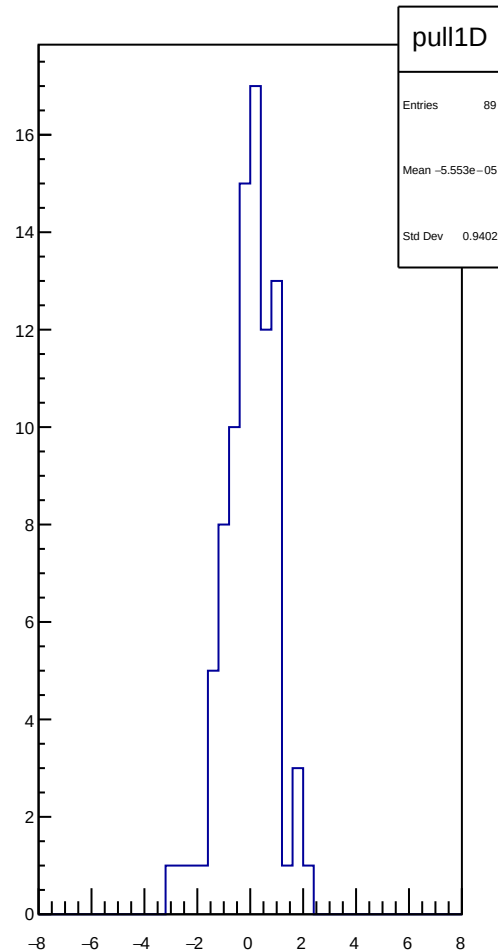
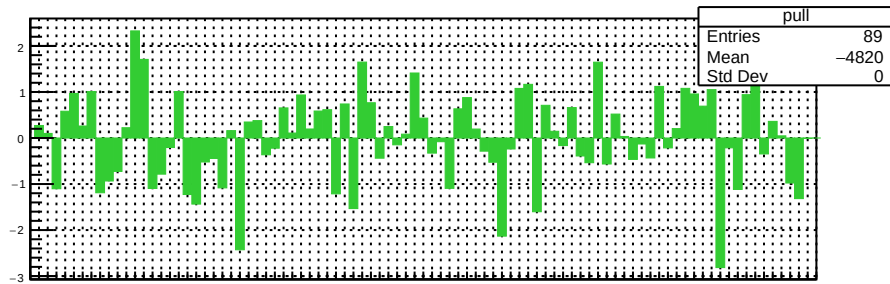
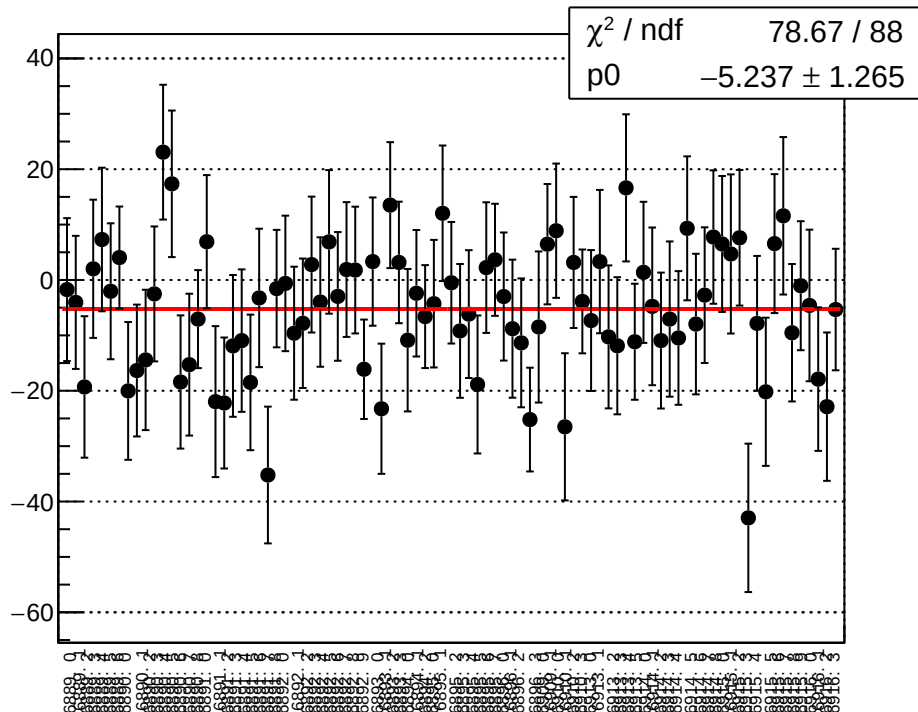
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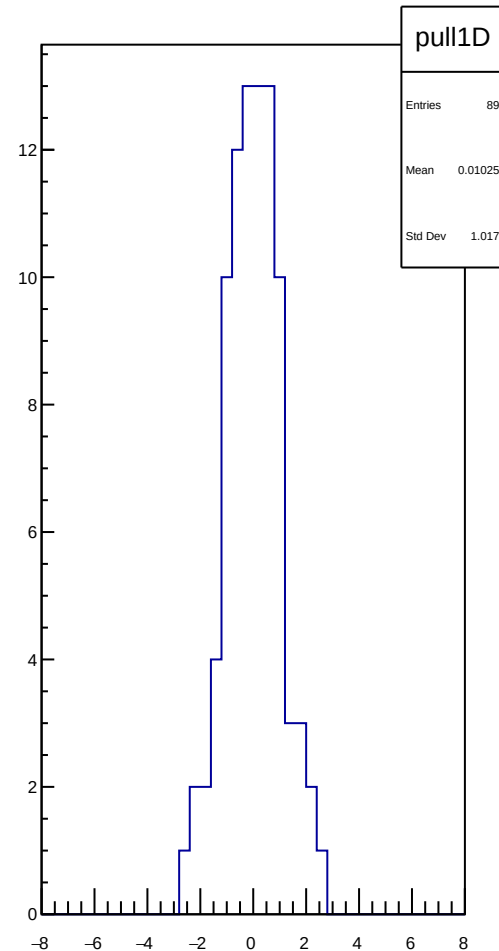
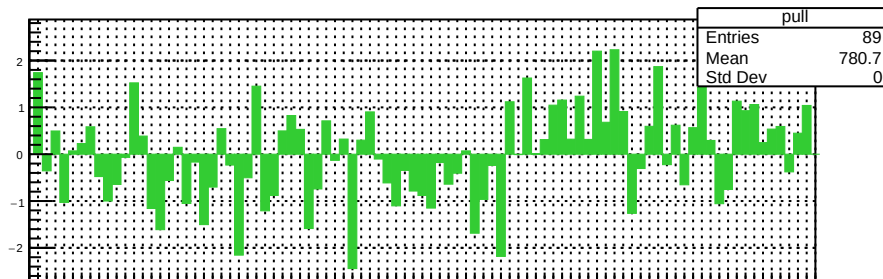
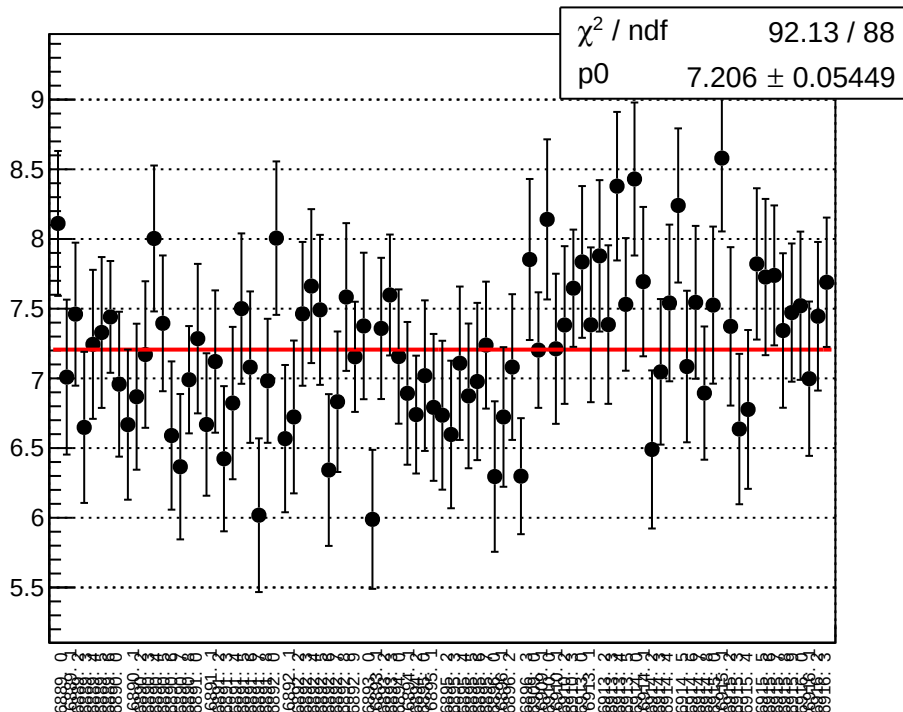
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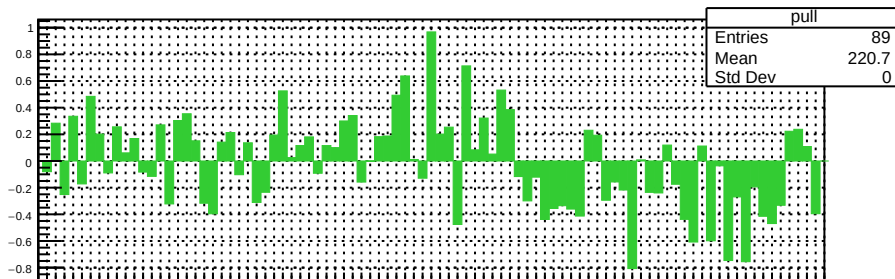
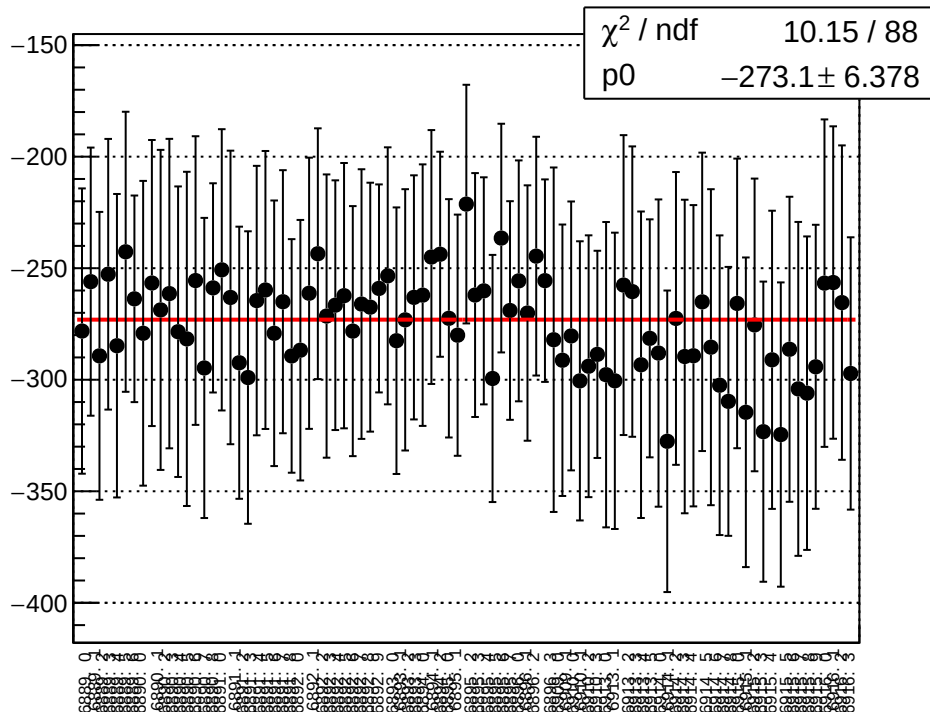
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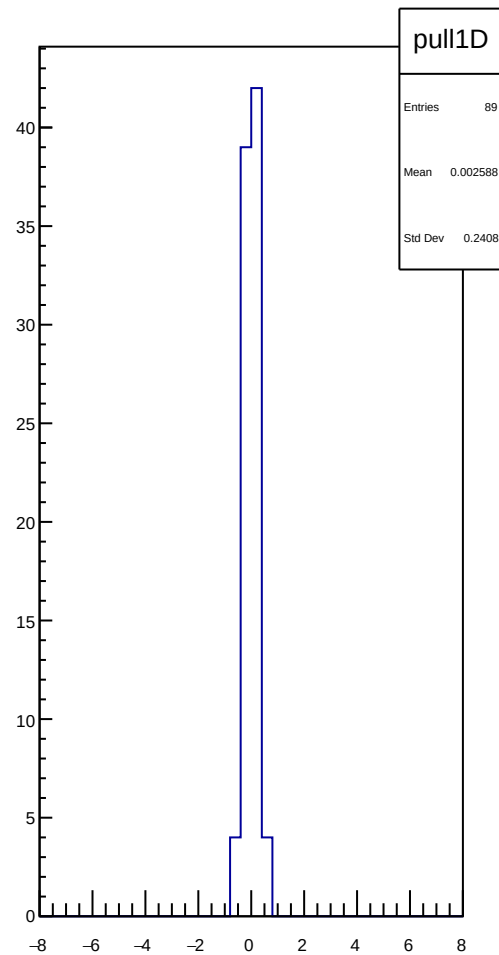
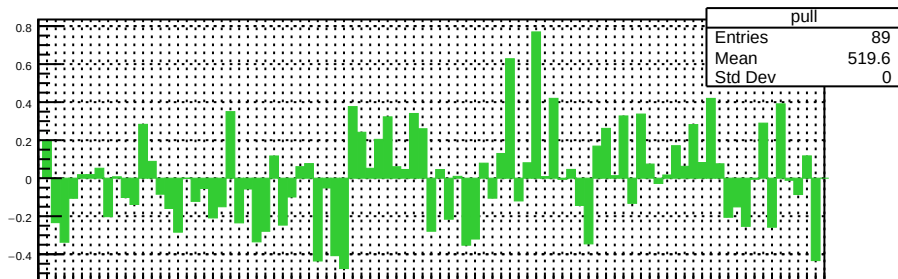
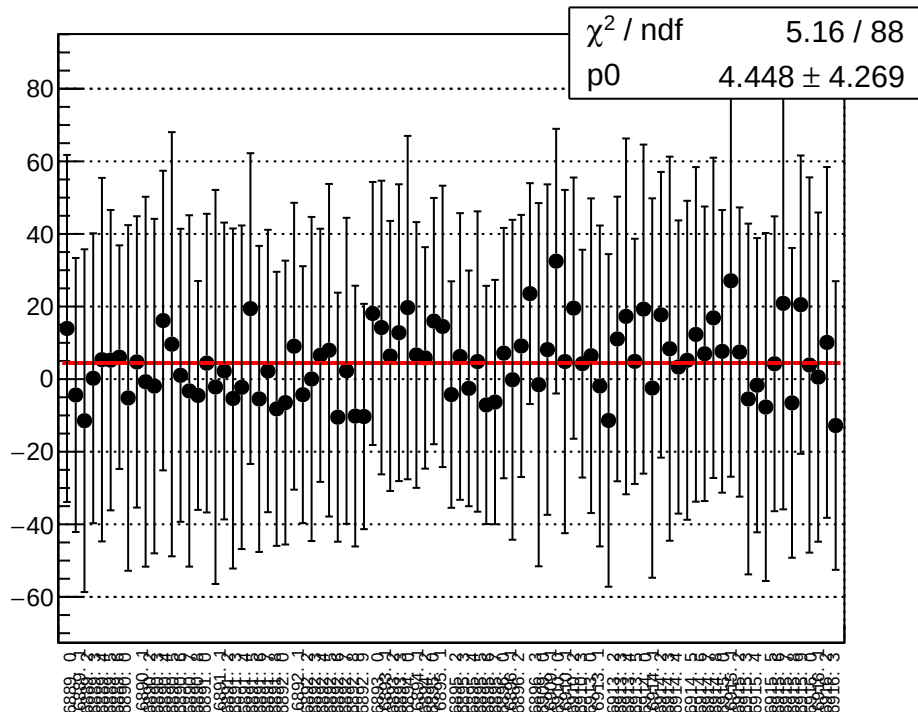
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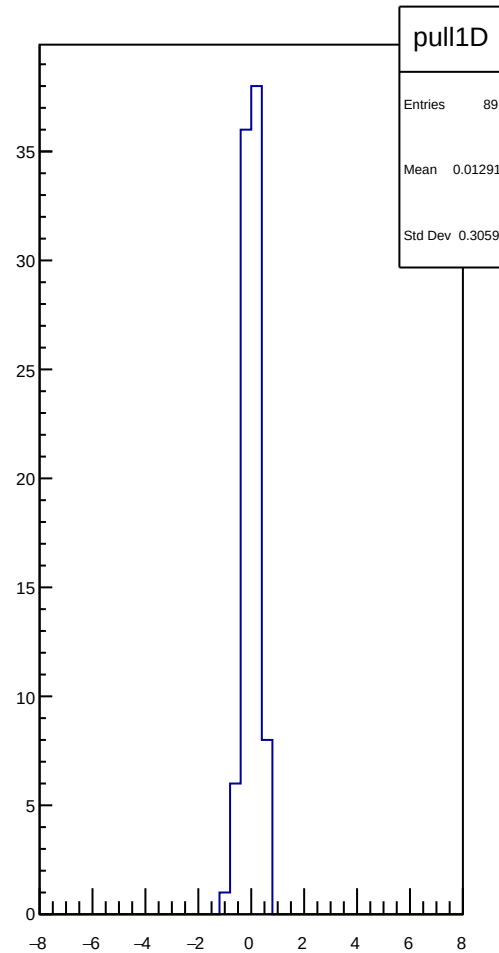
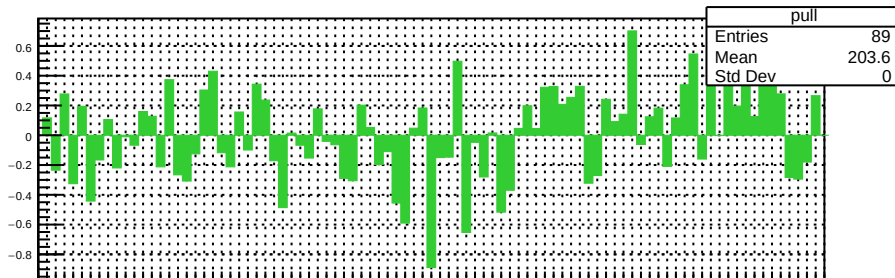
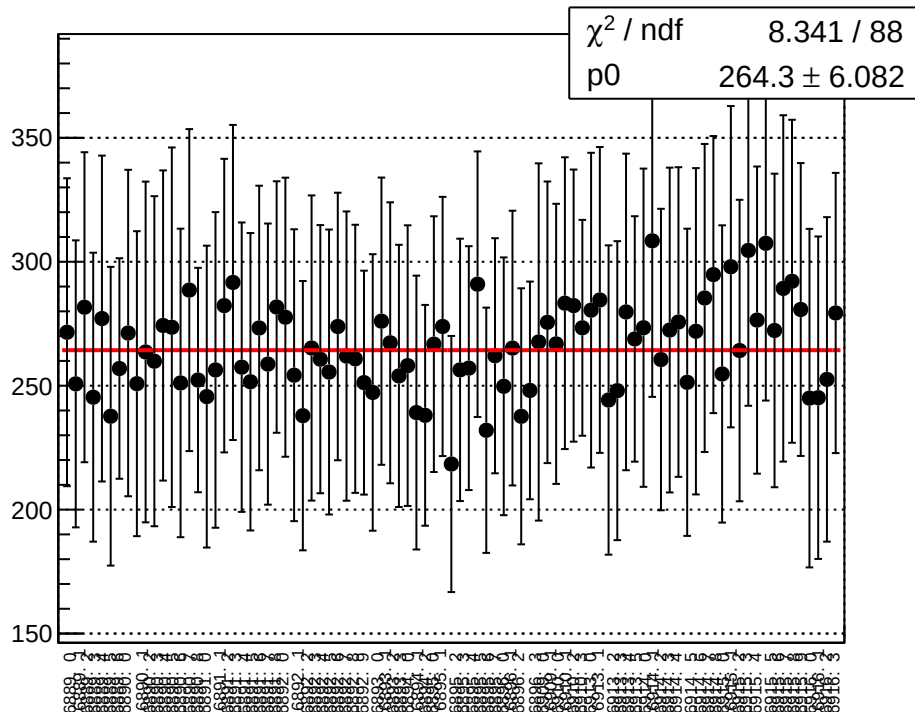
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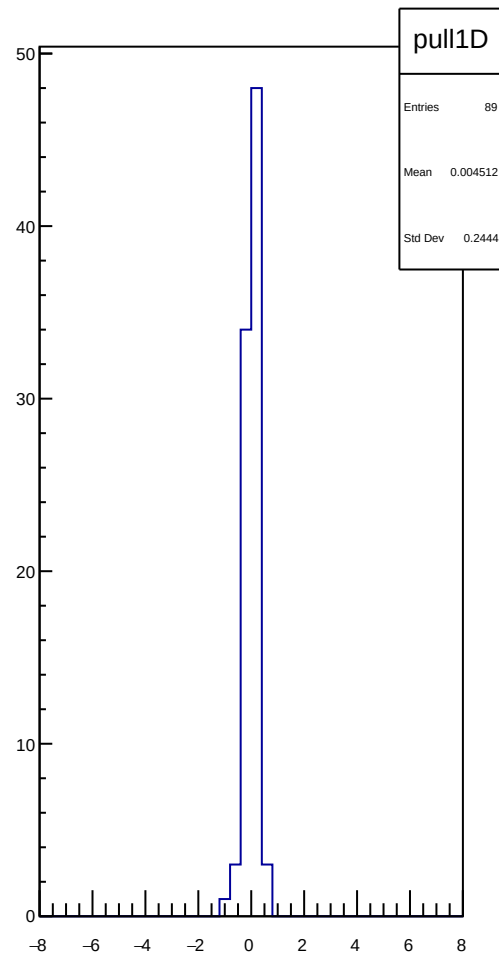
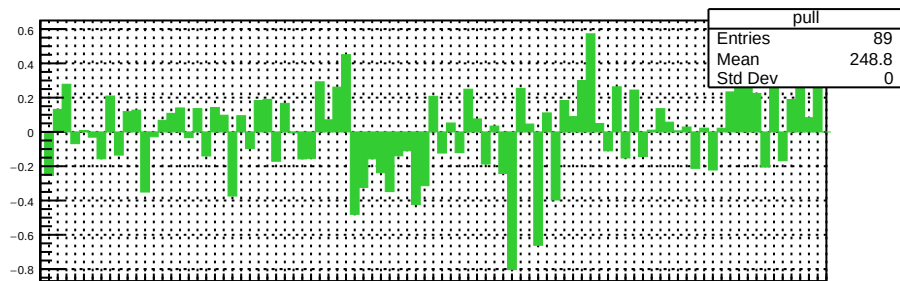
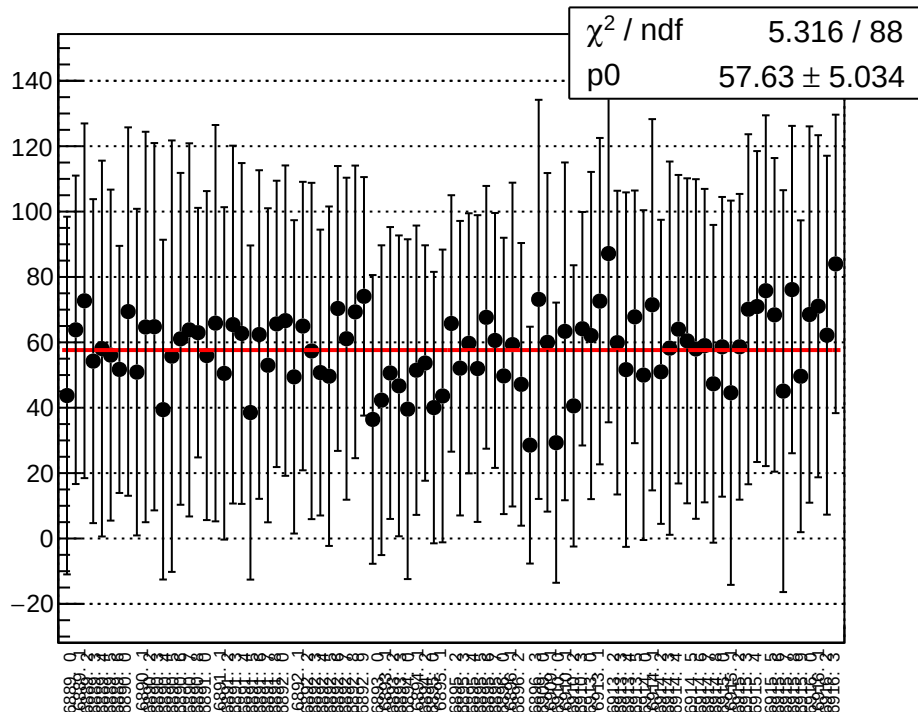
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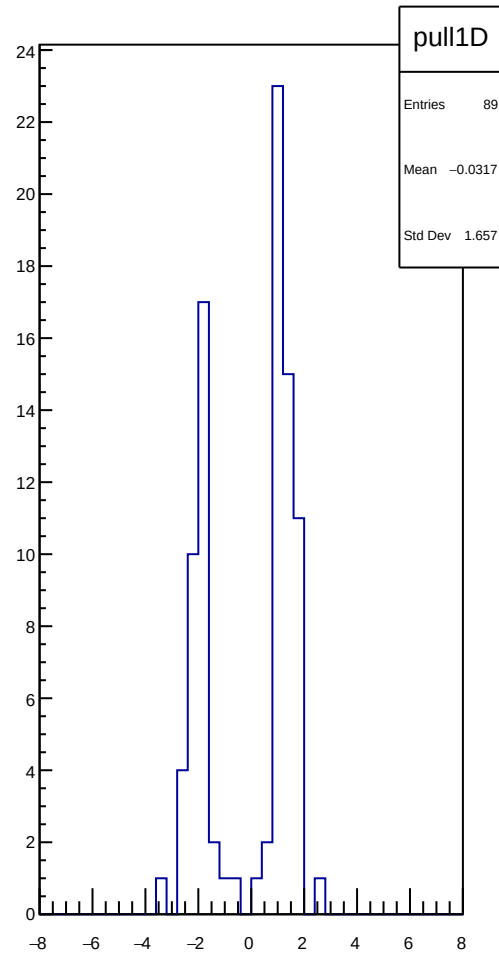
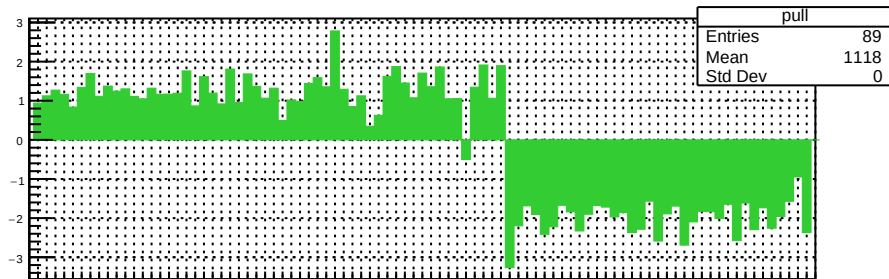
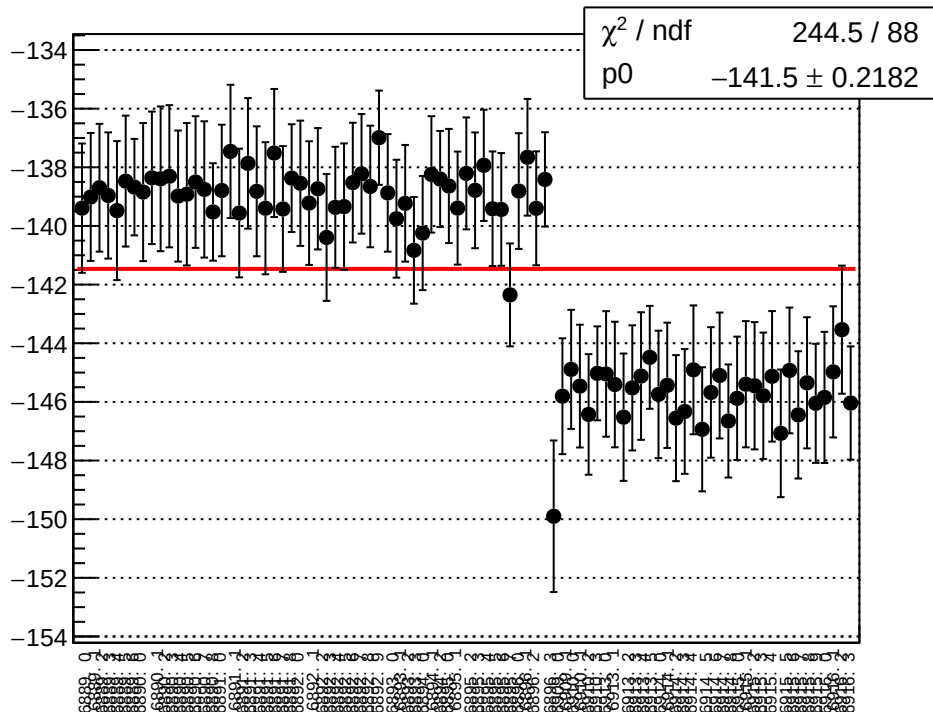
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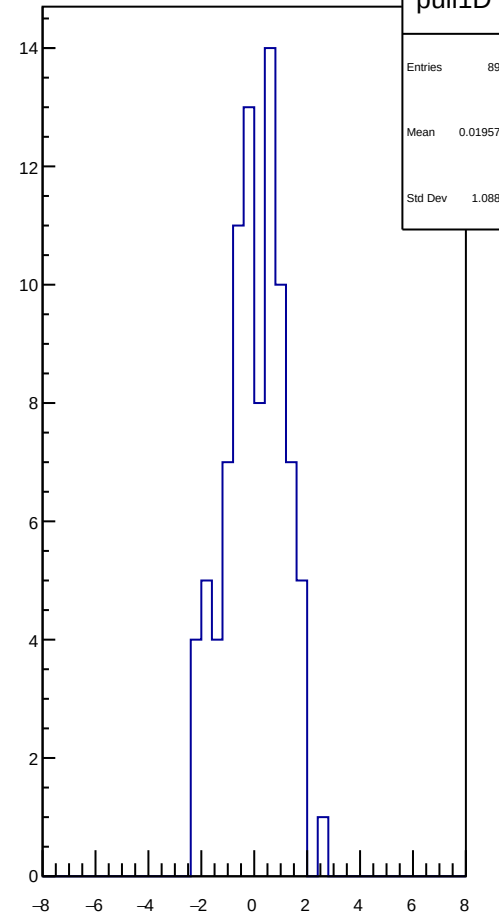
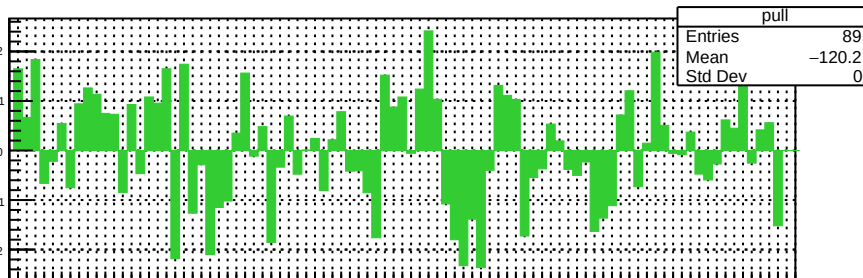
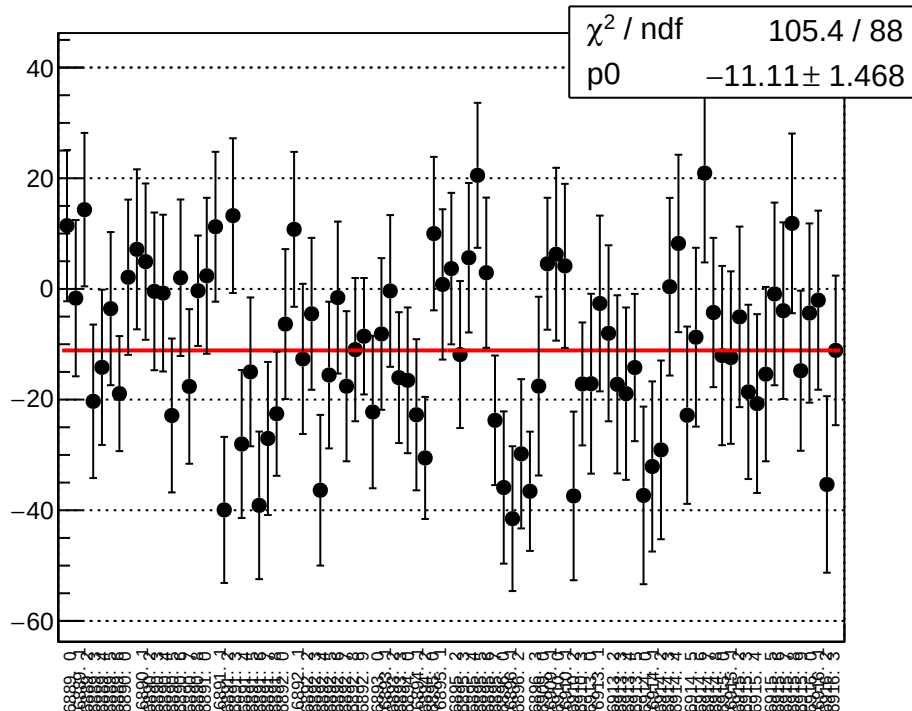
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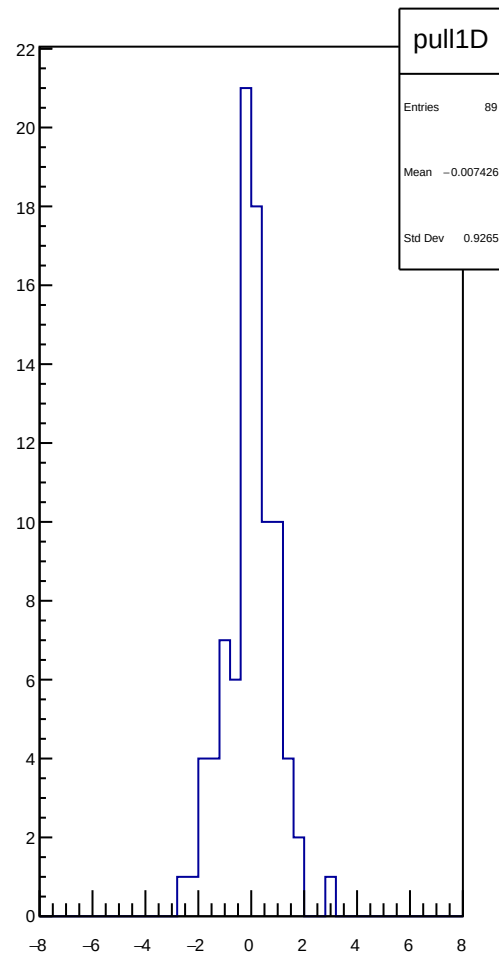
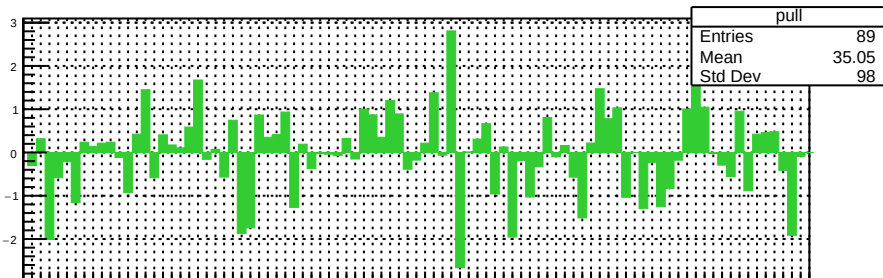
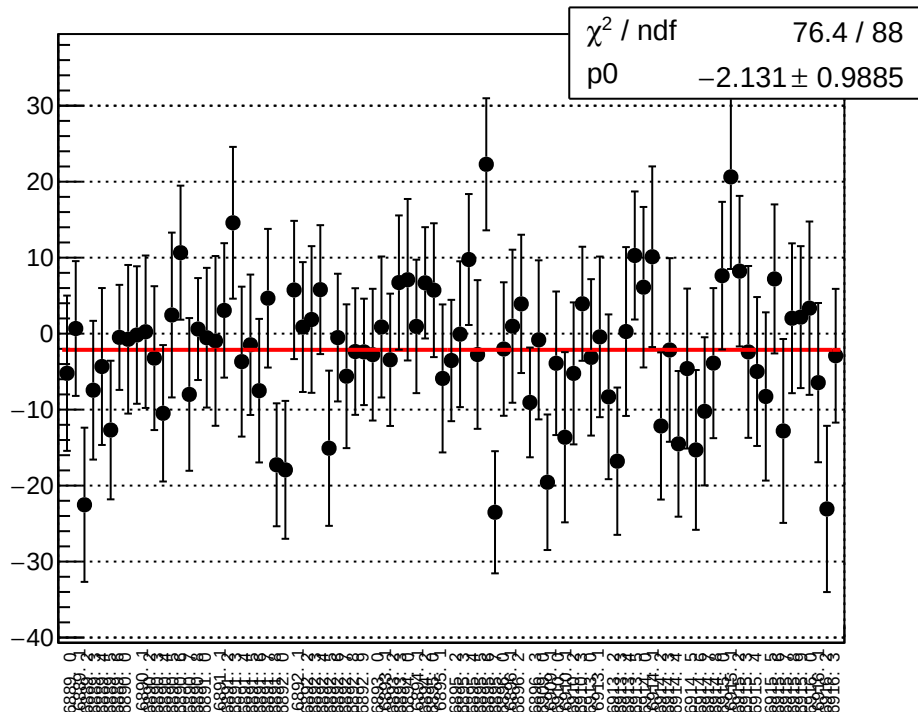
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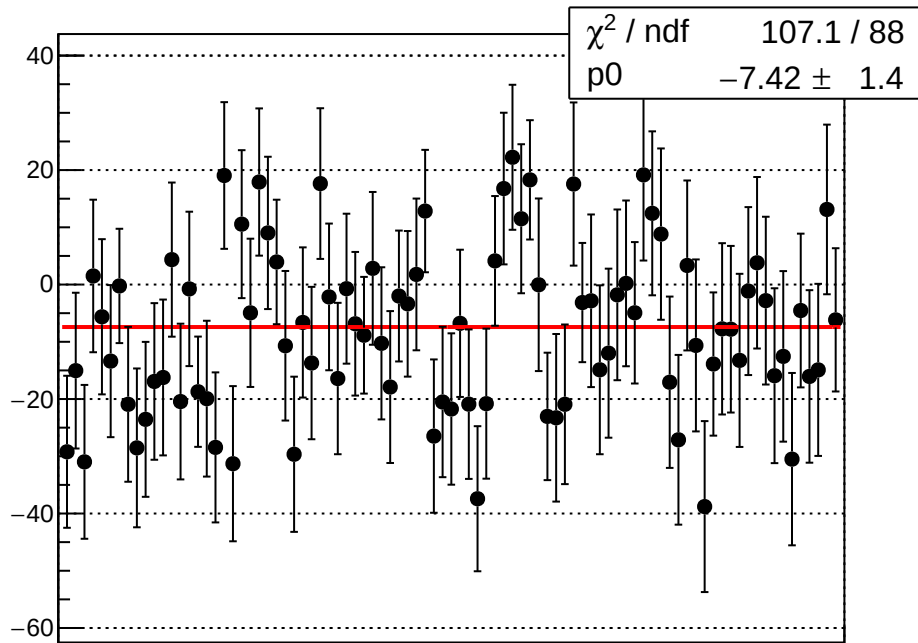
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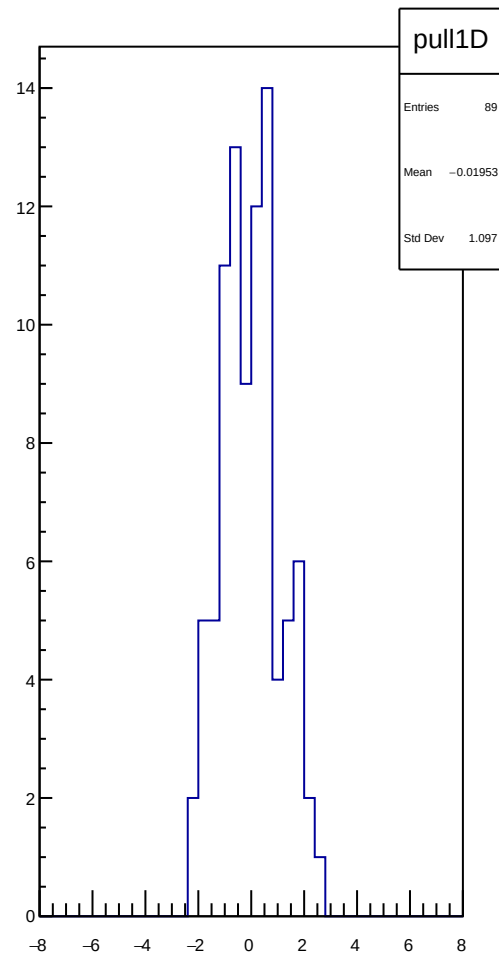
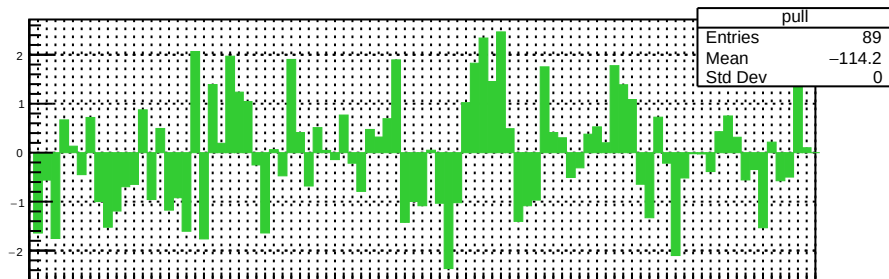
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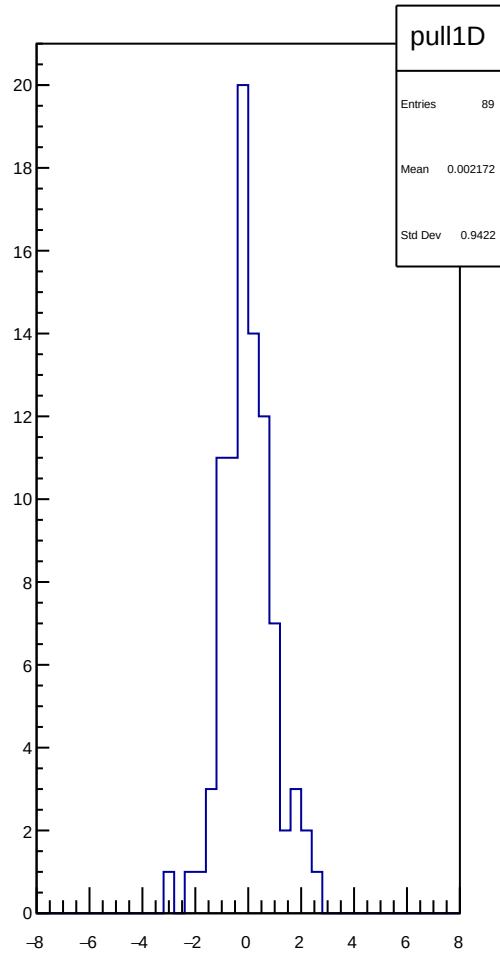
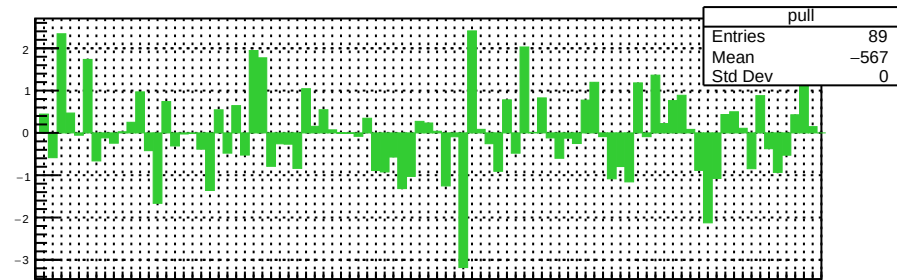
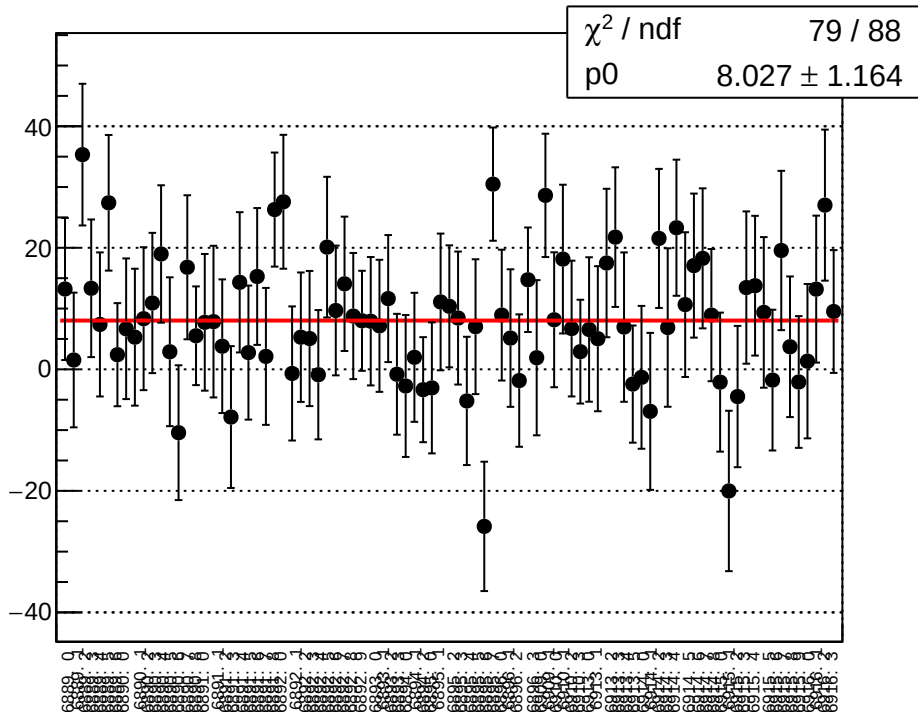
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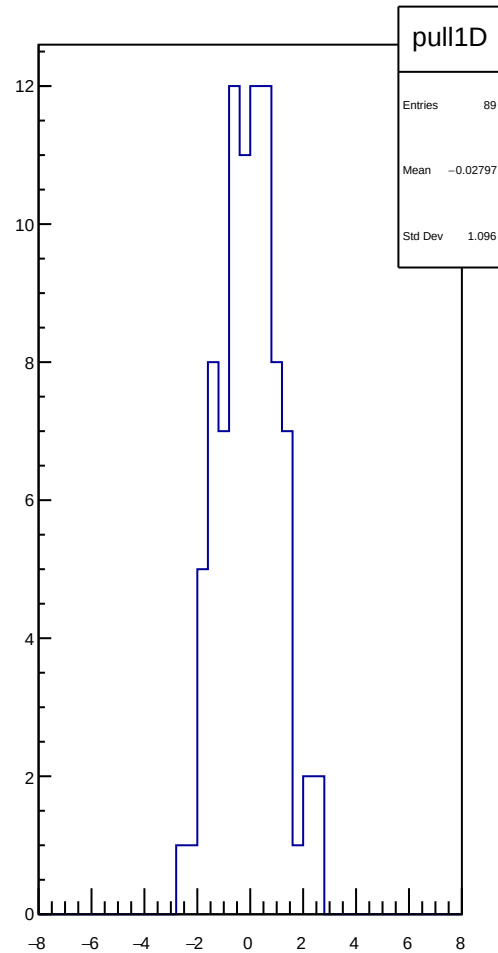
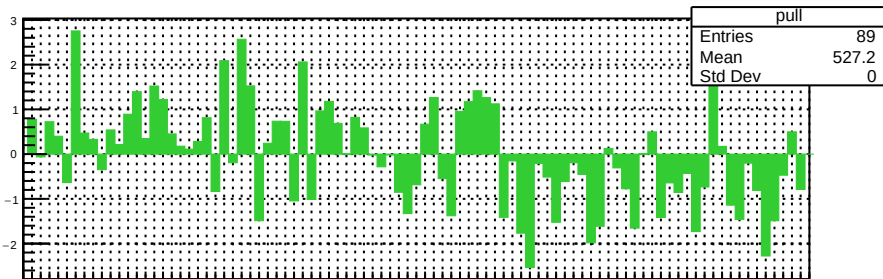
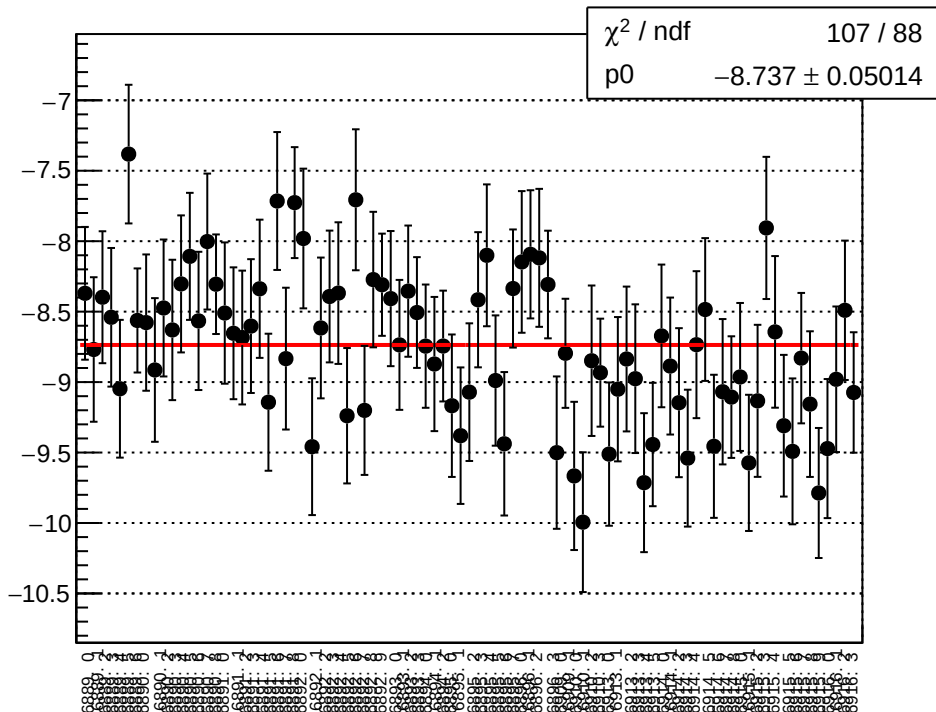
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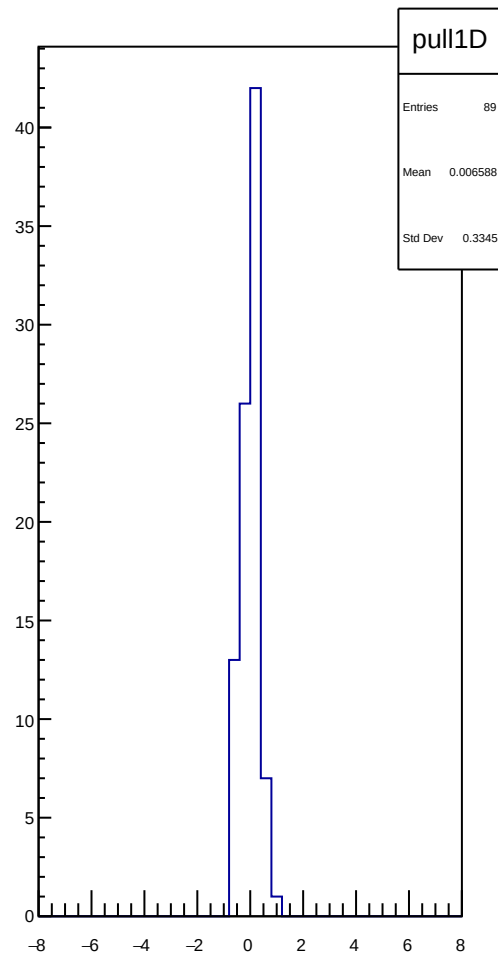
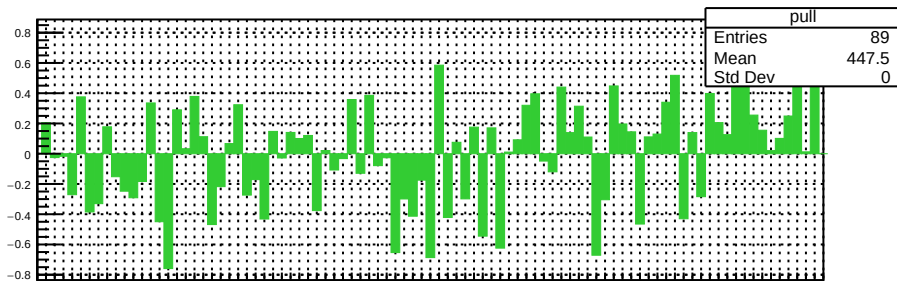
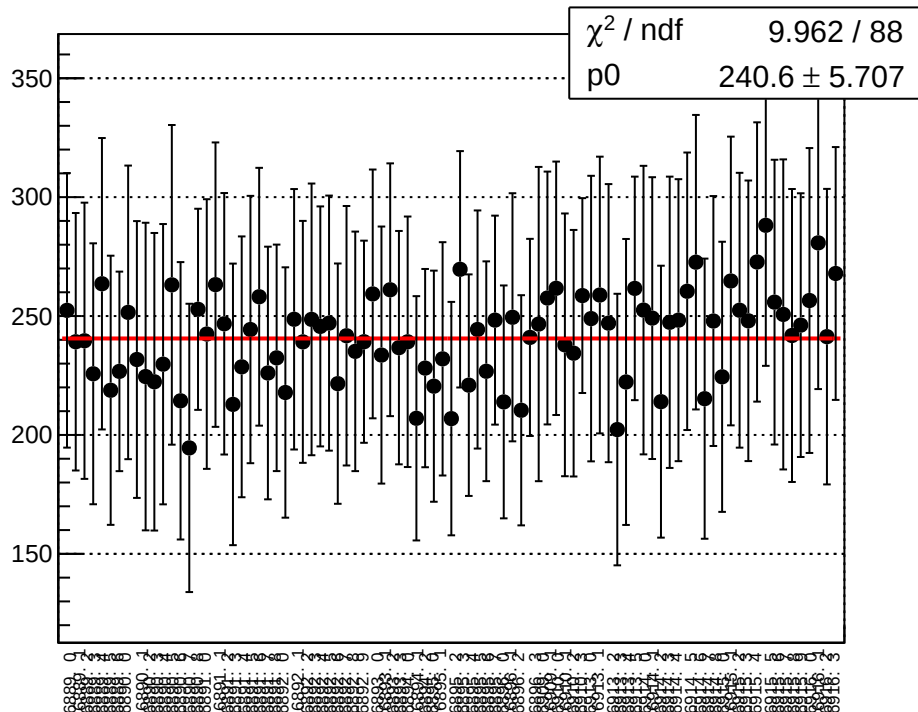
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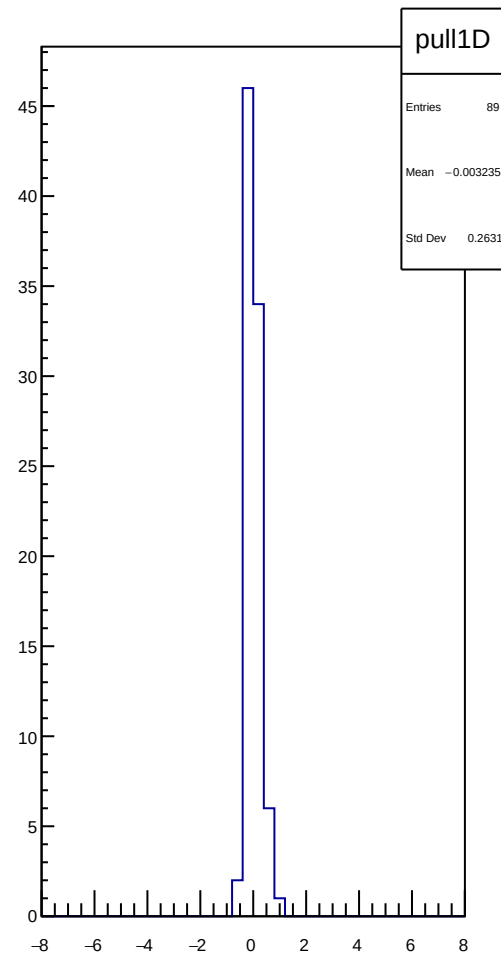
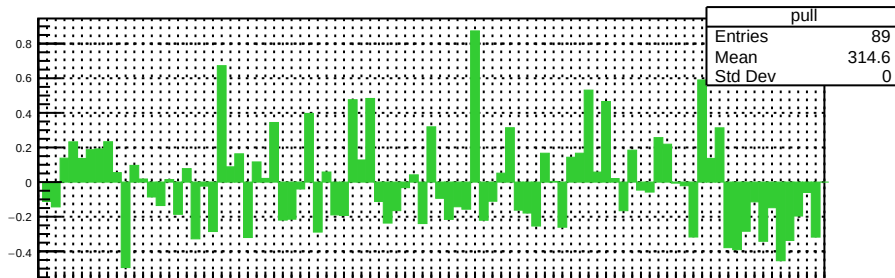
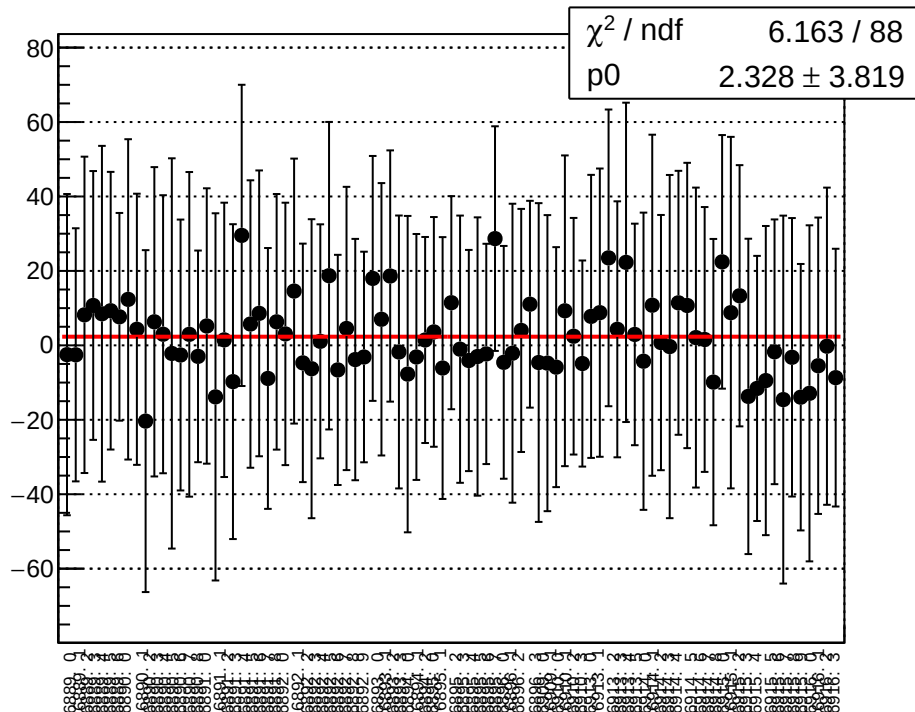
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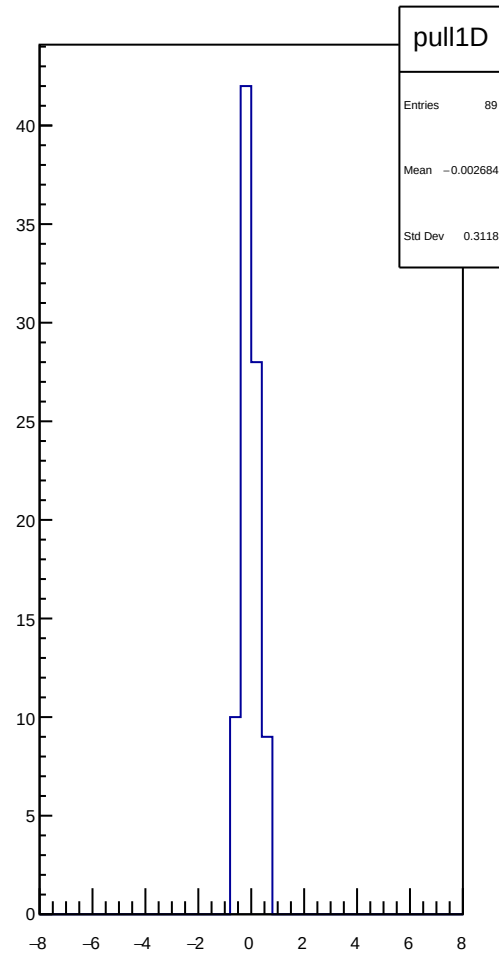
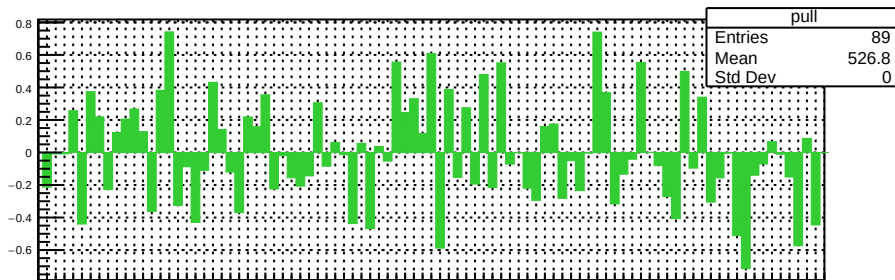
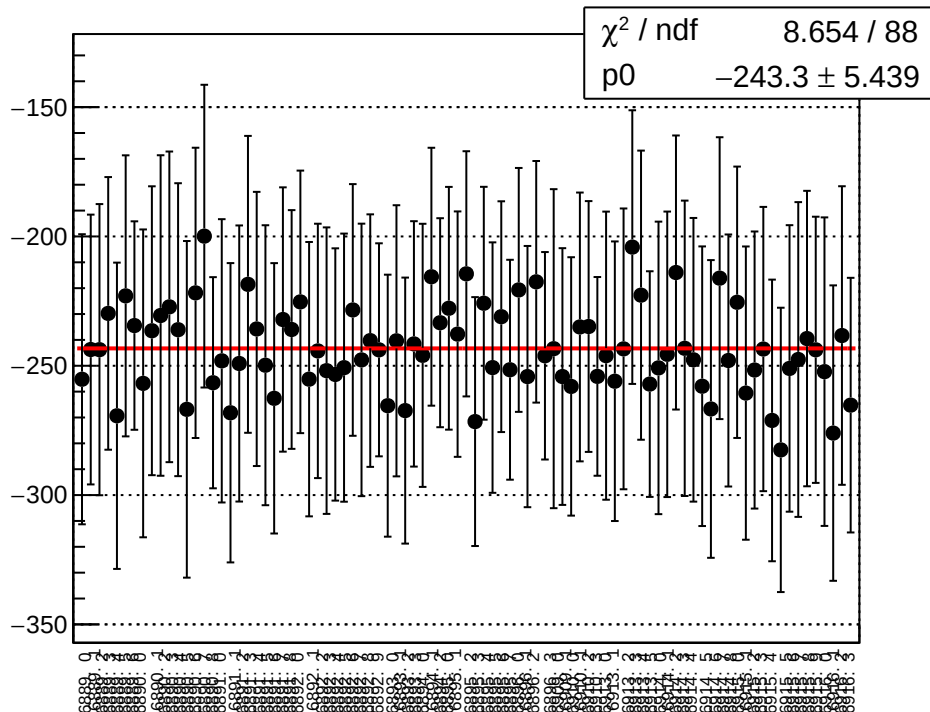
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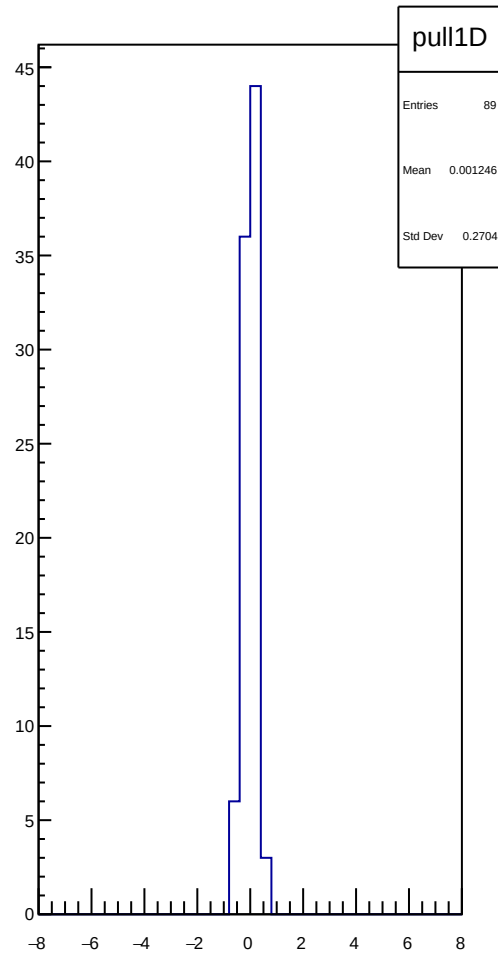
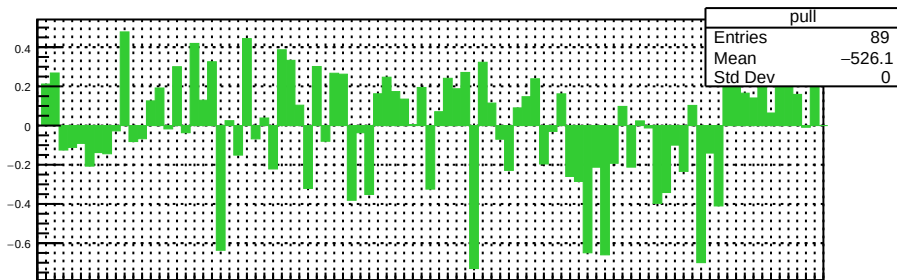
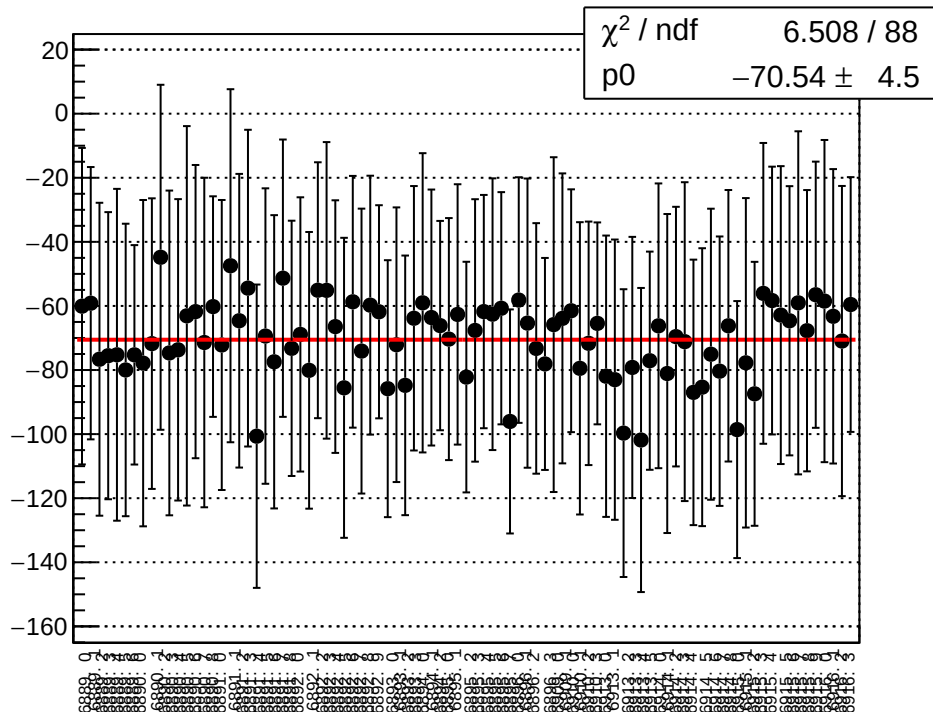
reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs run



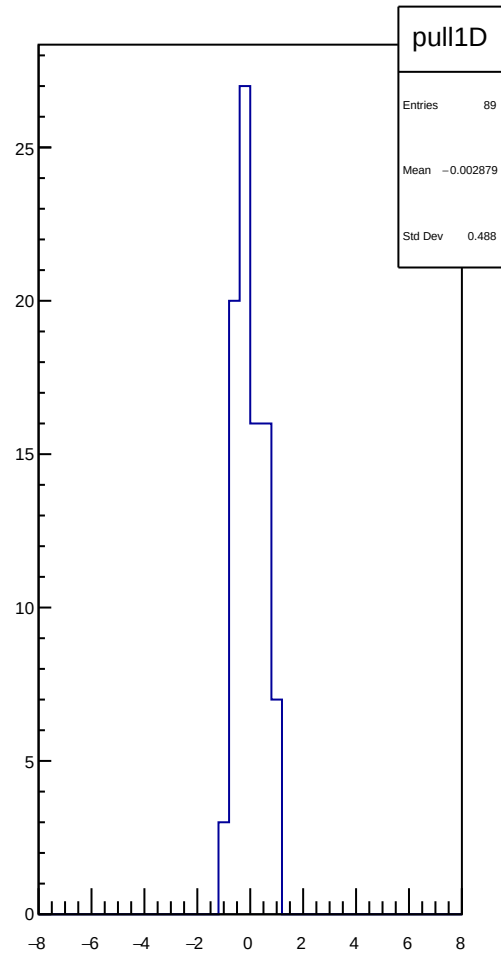
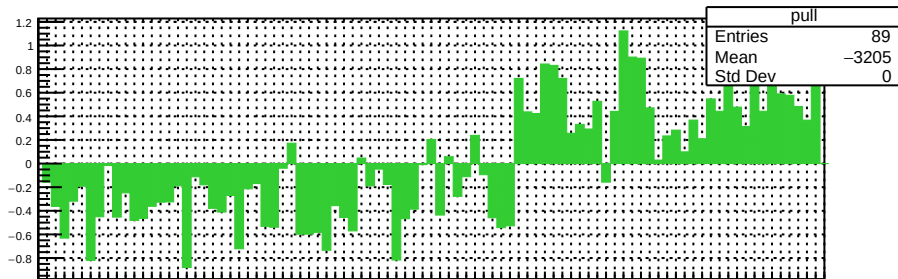
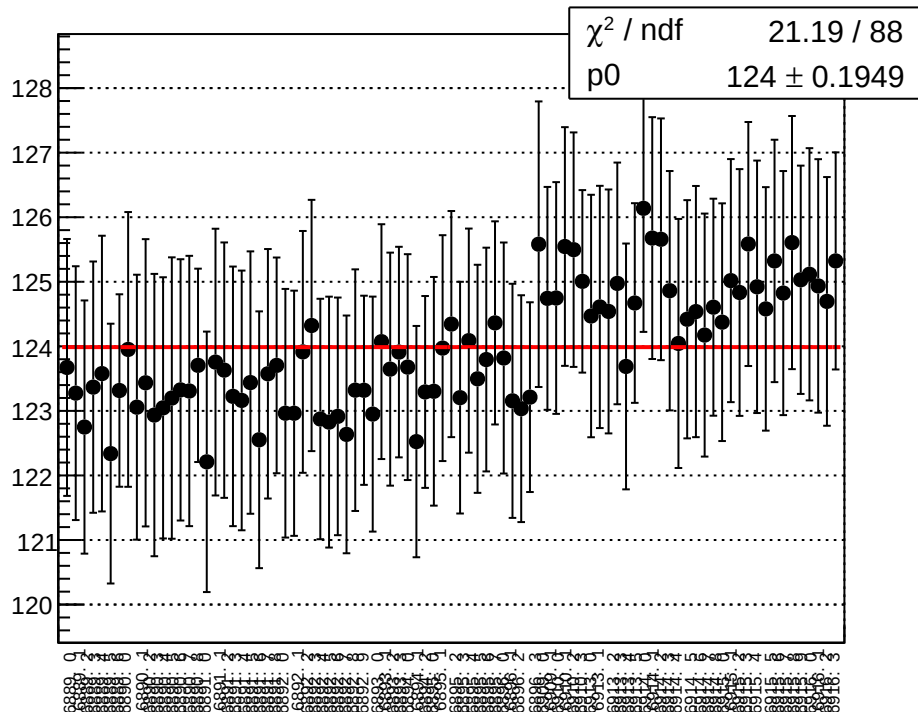
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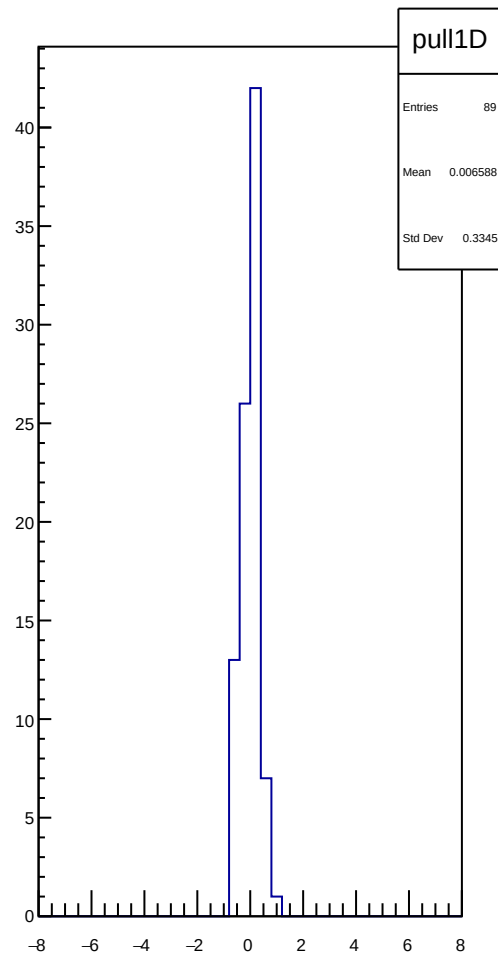
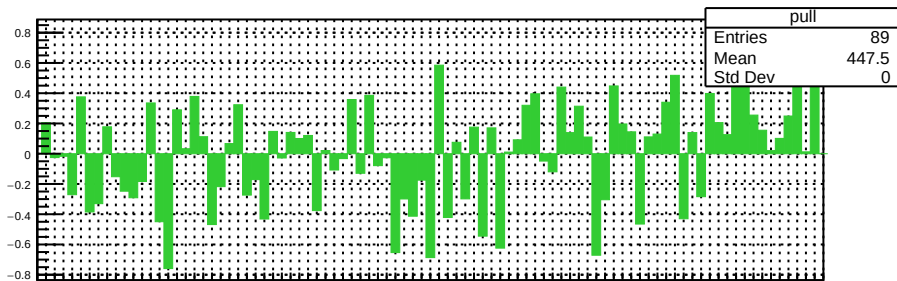
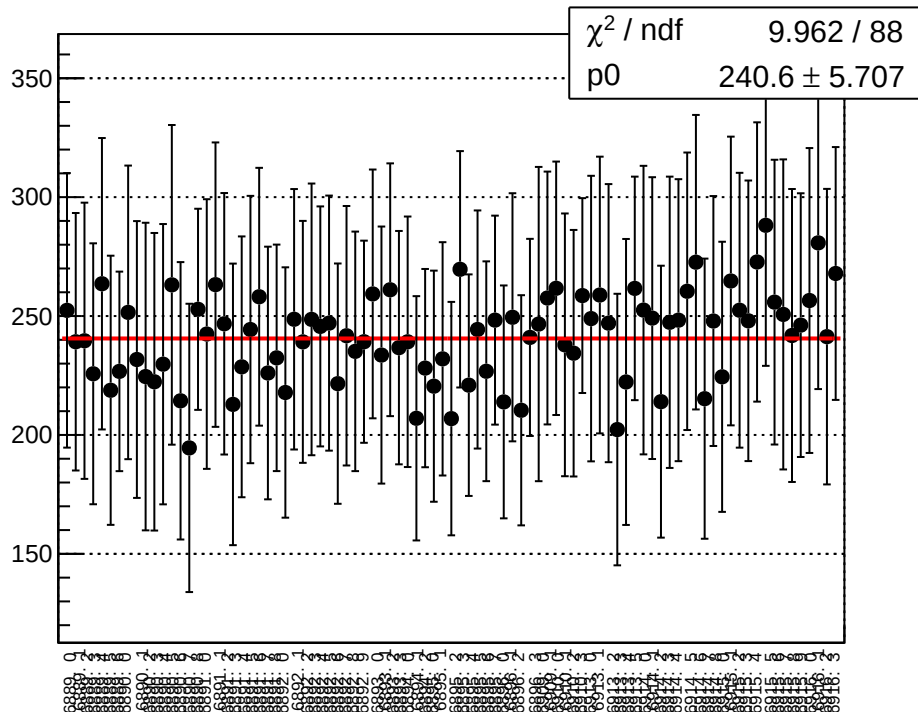
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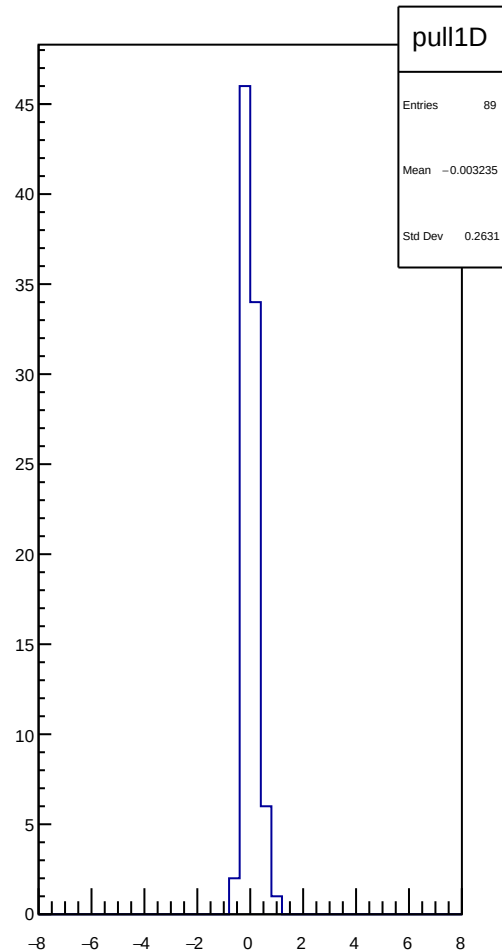
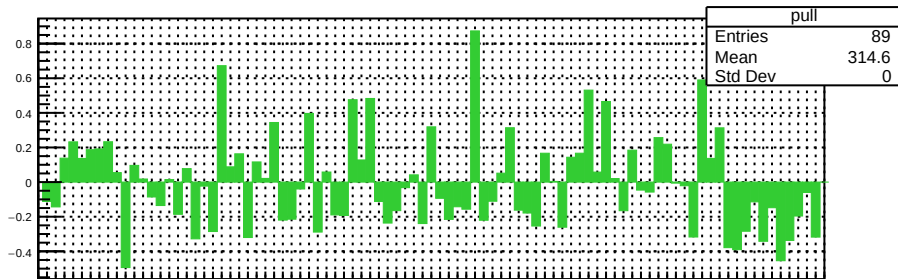
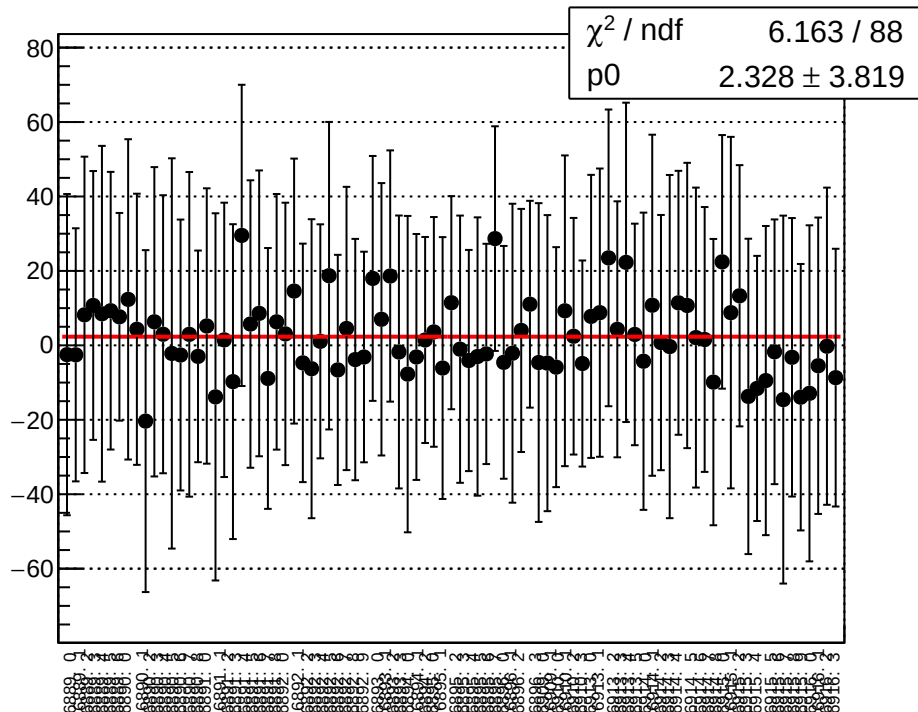
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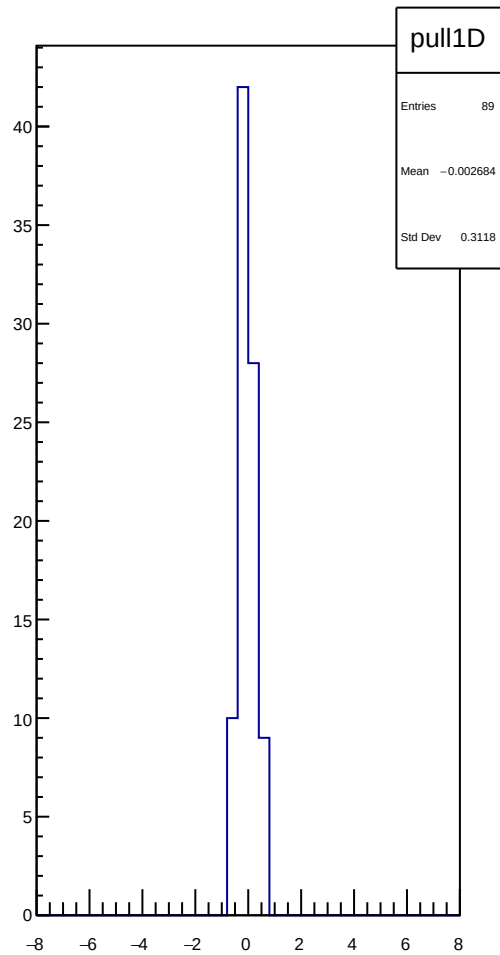
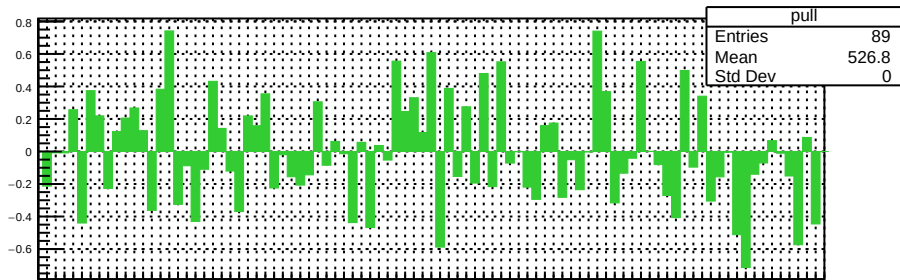
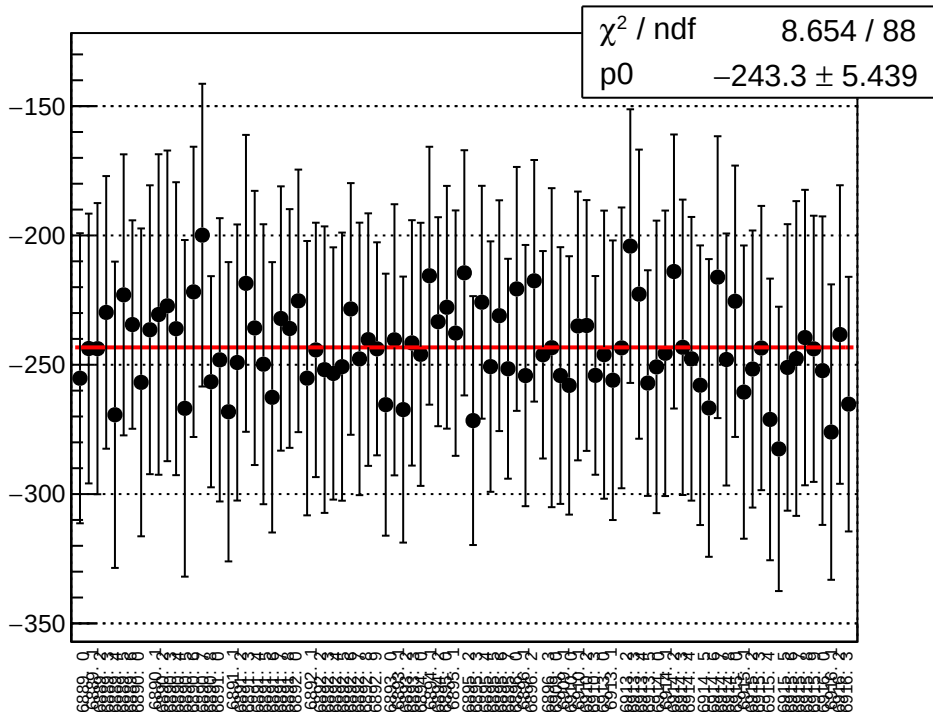
reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs run



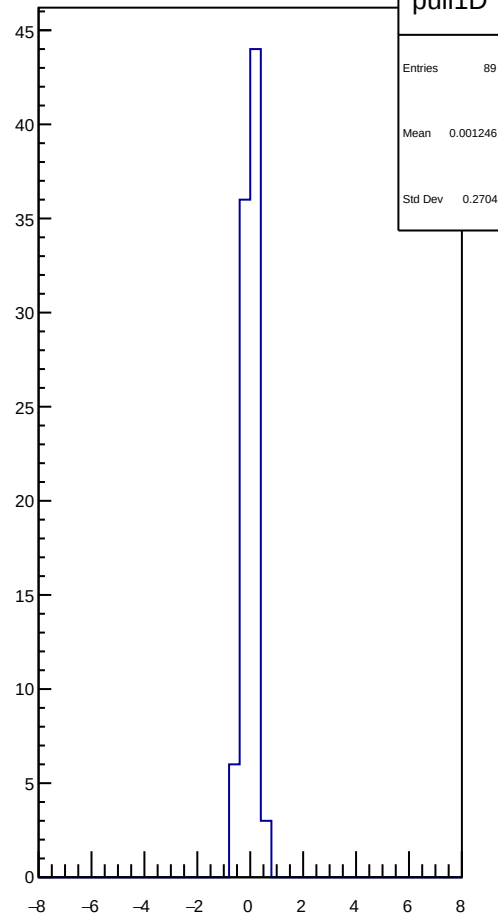
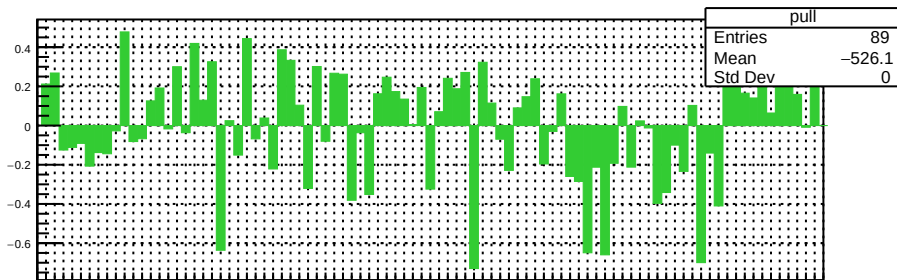
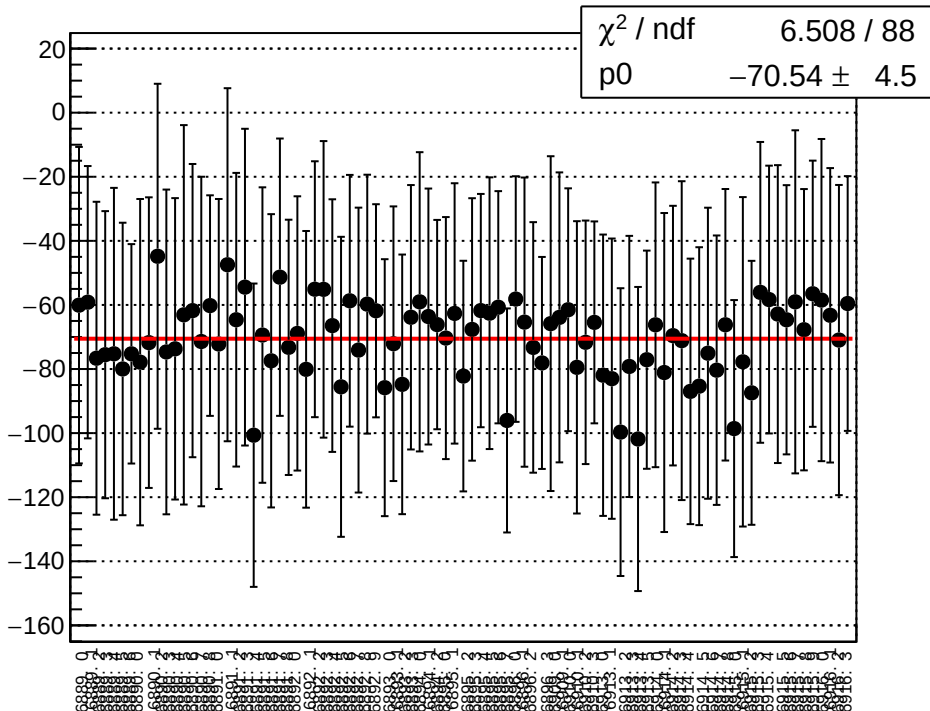
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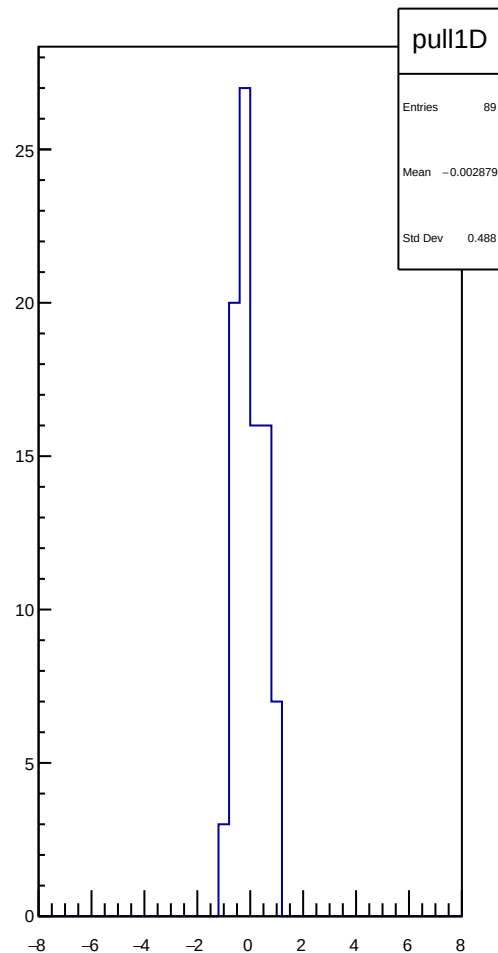
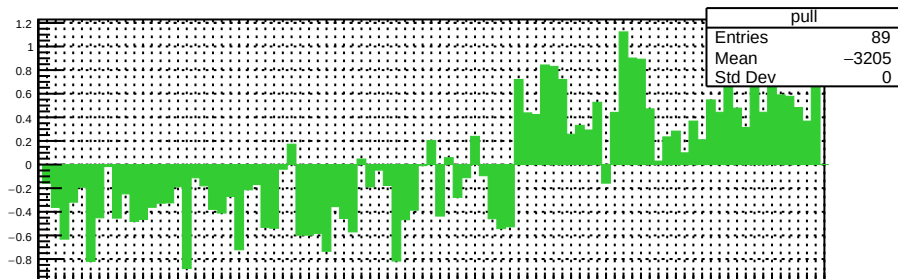
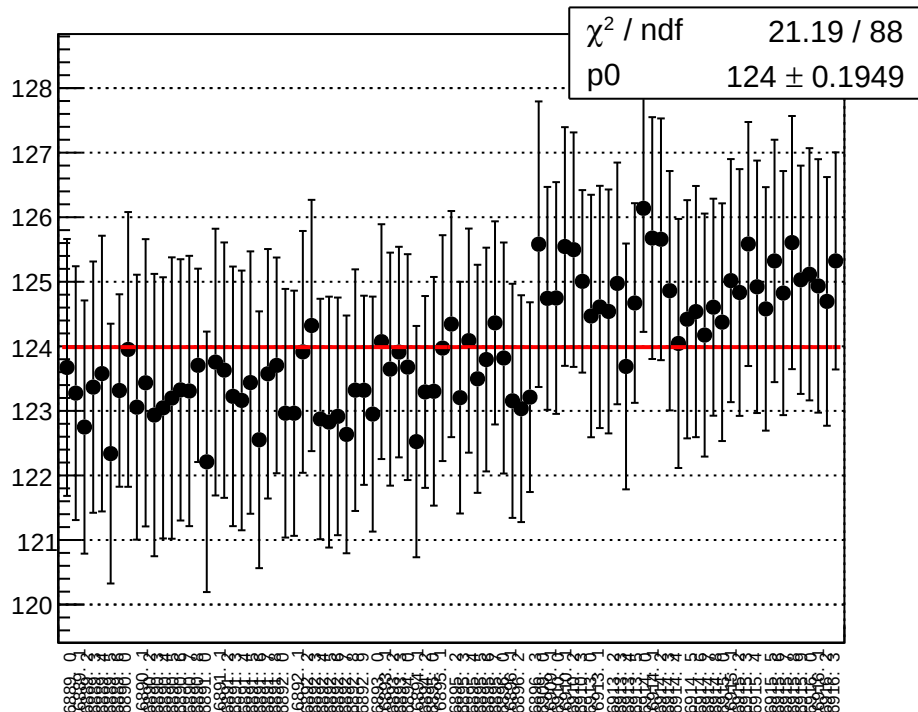
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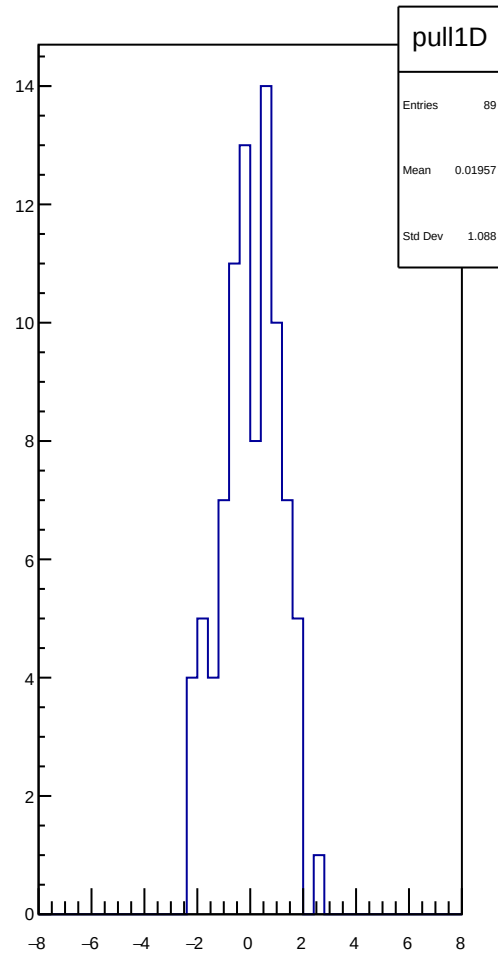
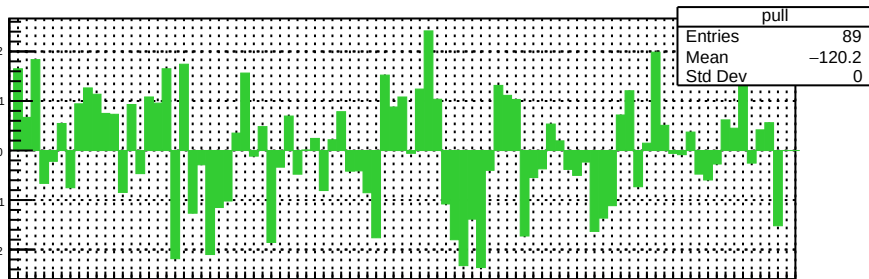
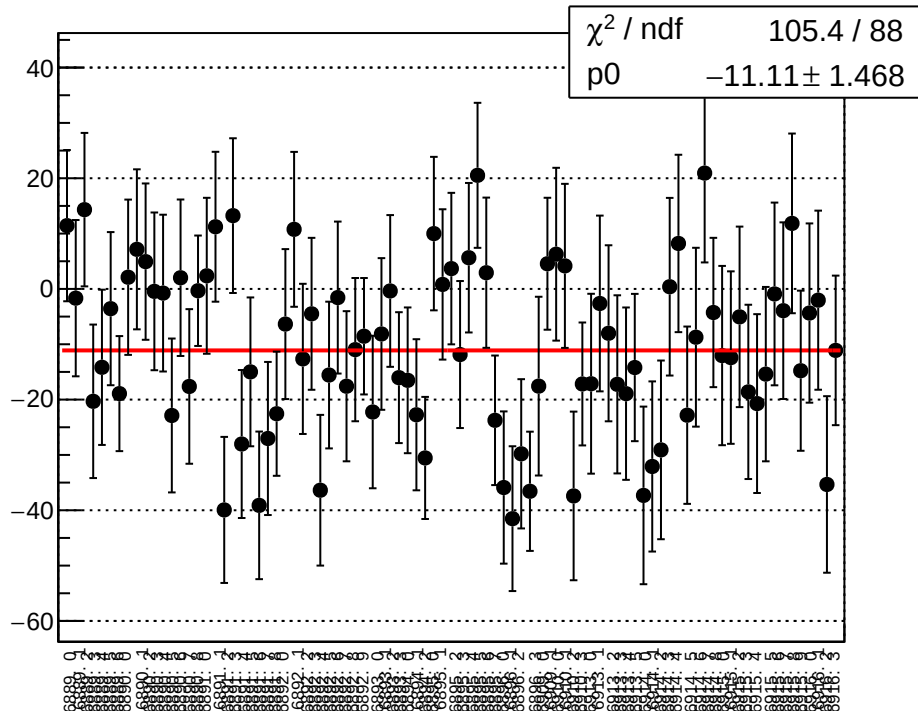
reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs run



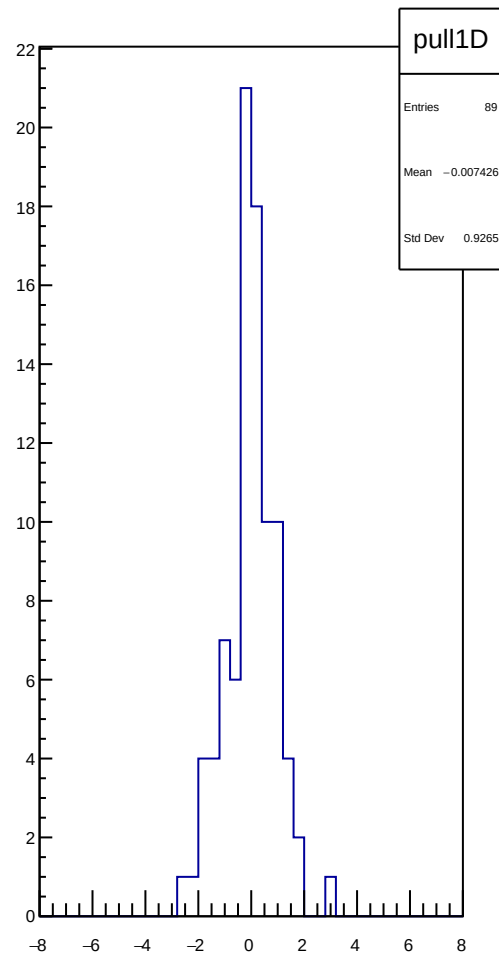
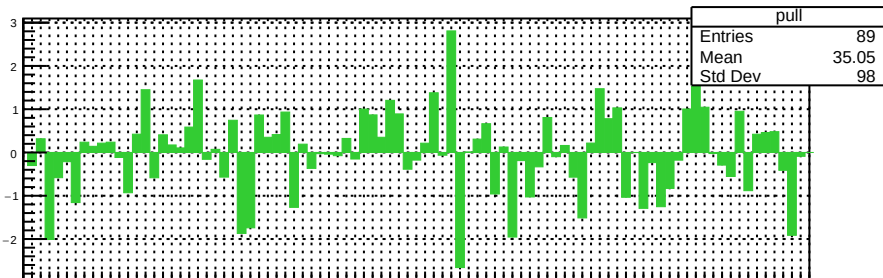
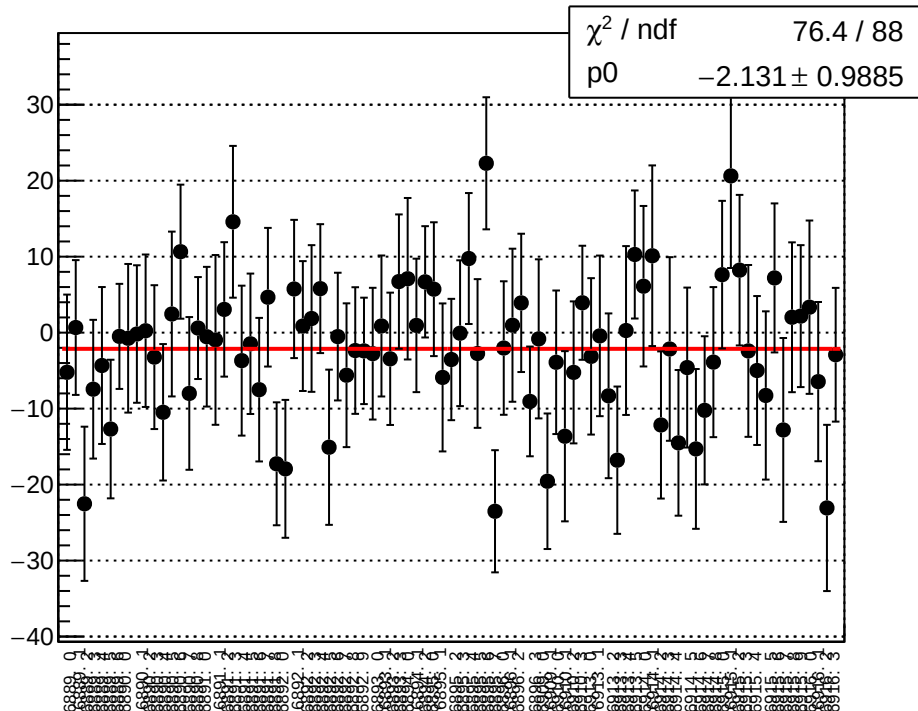
reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs run



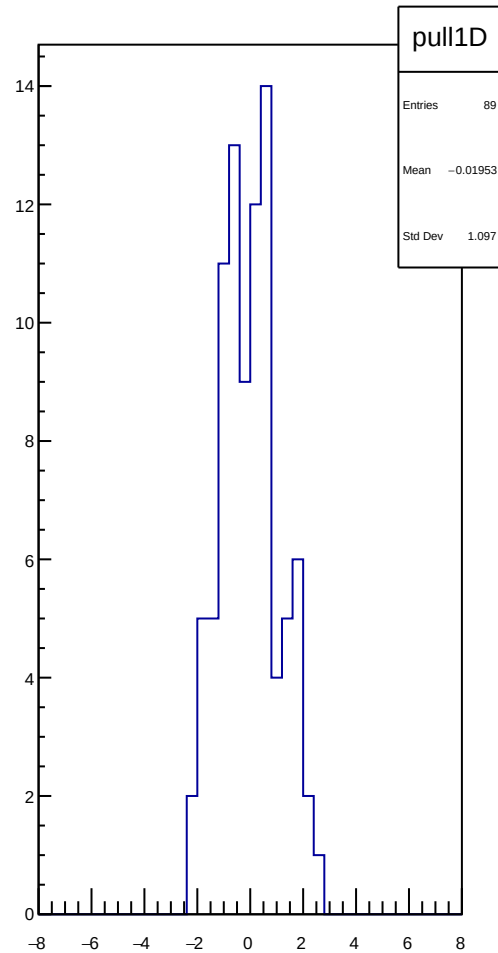
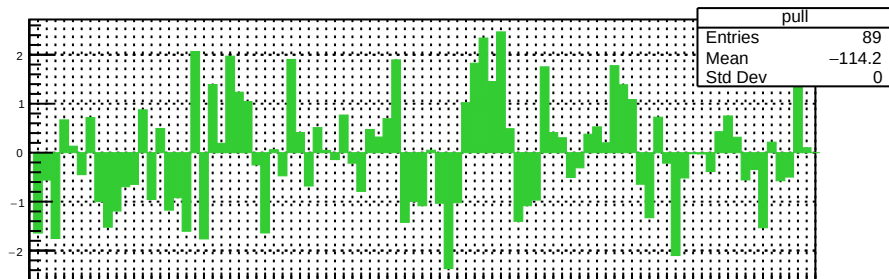
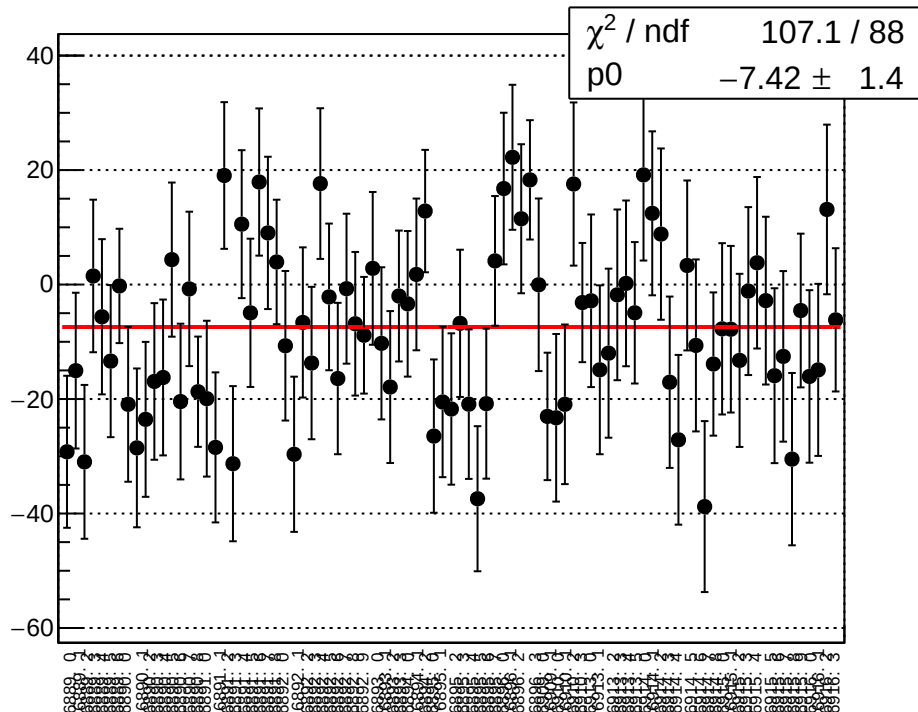
reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs run



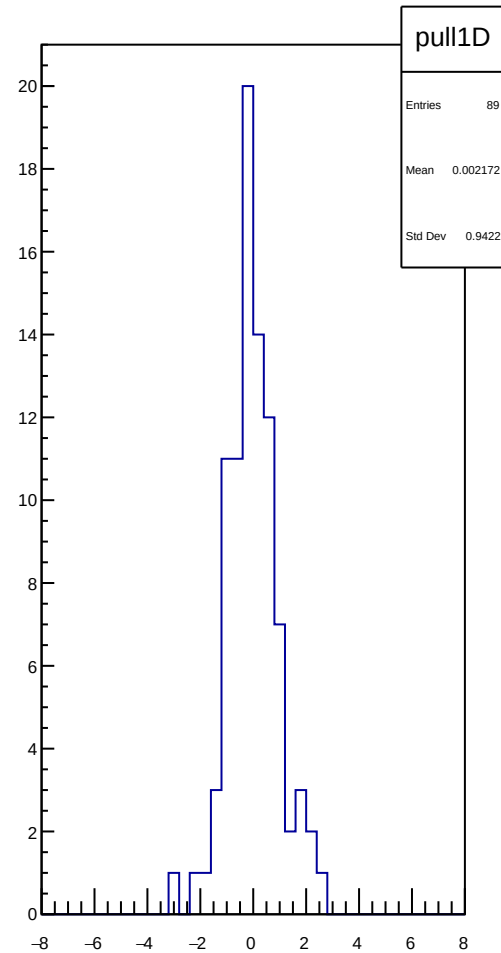
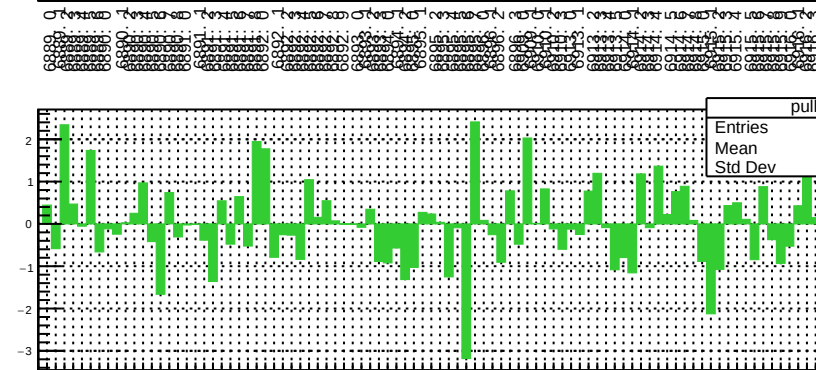
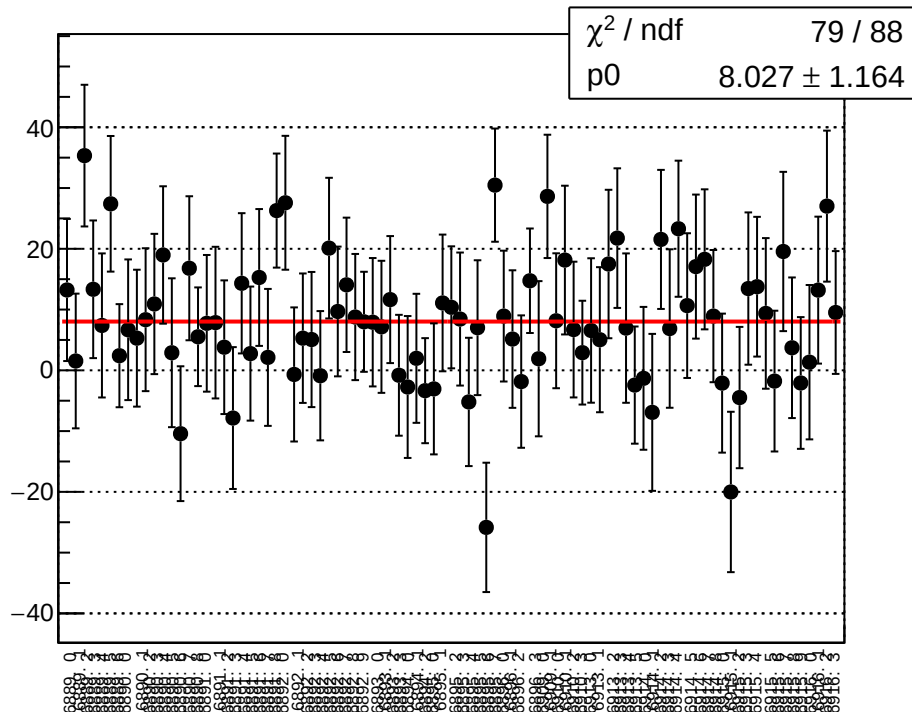
reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs run



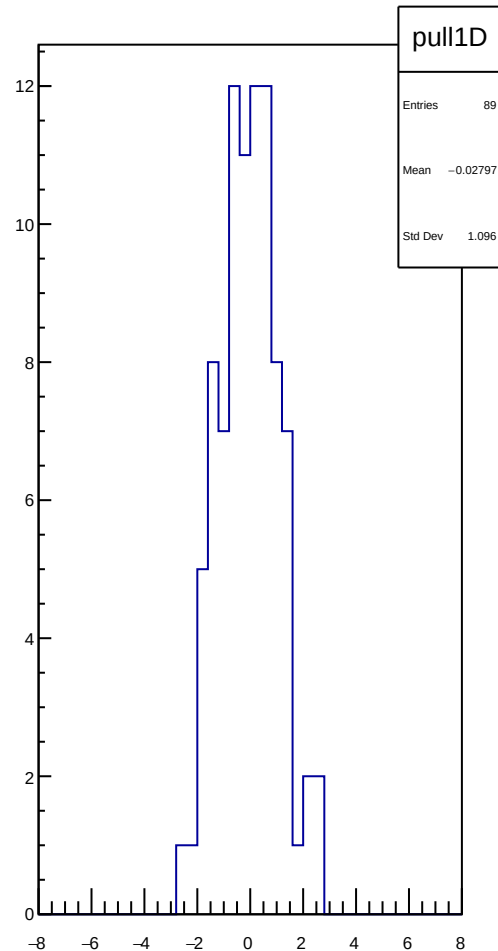
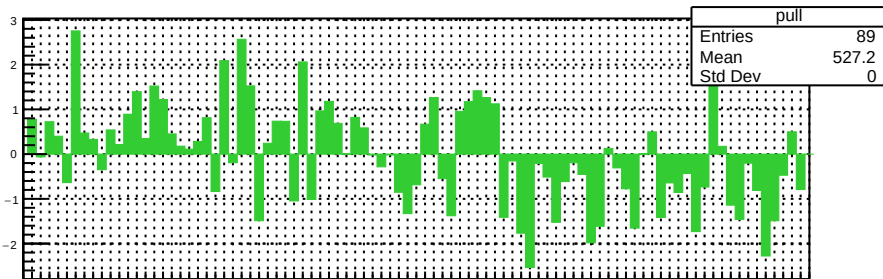
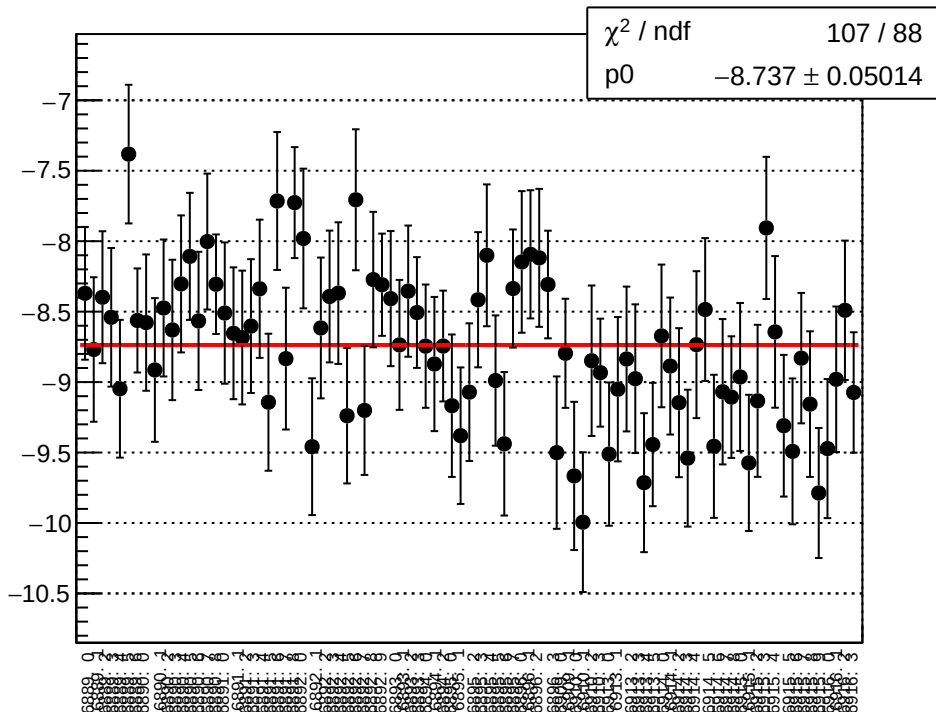
reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs run



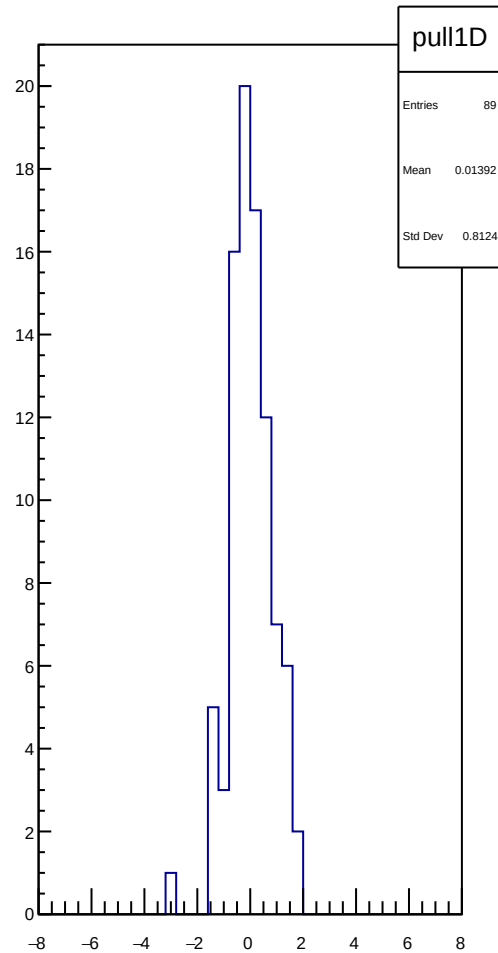
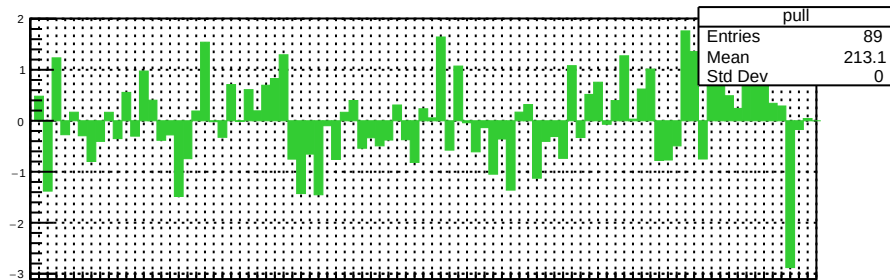
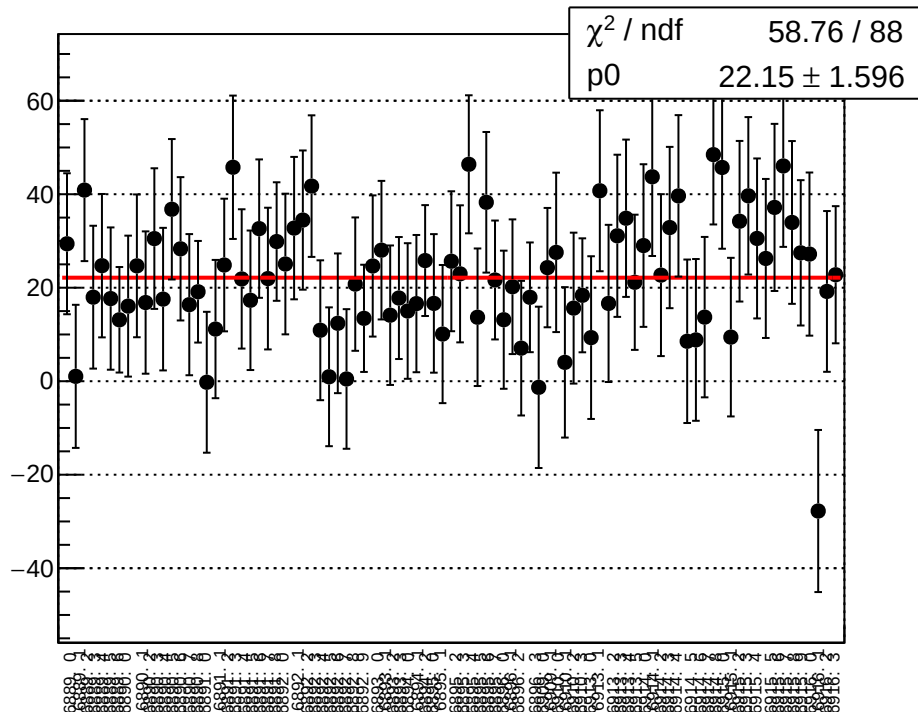
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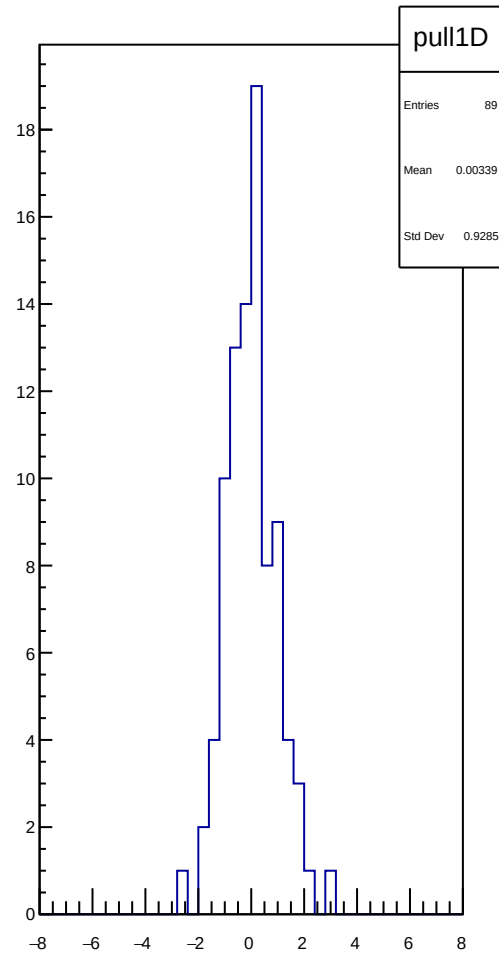
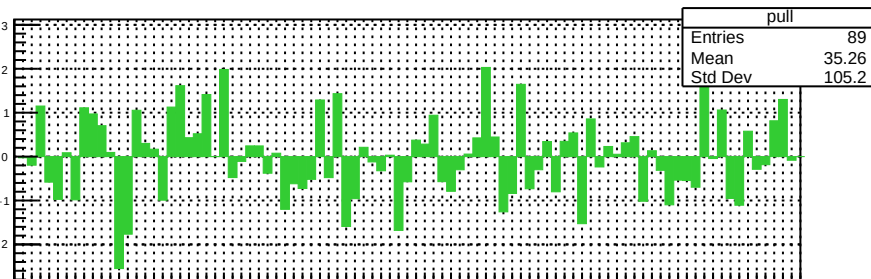
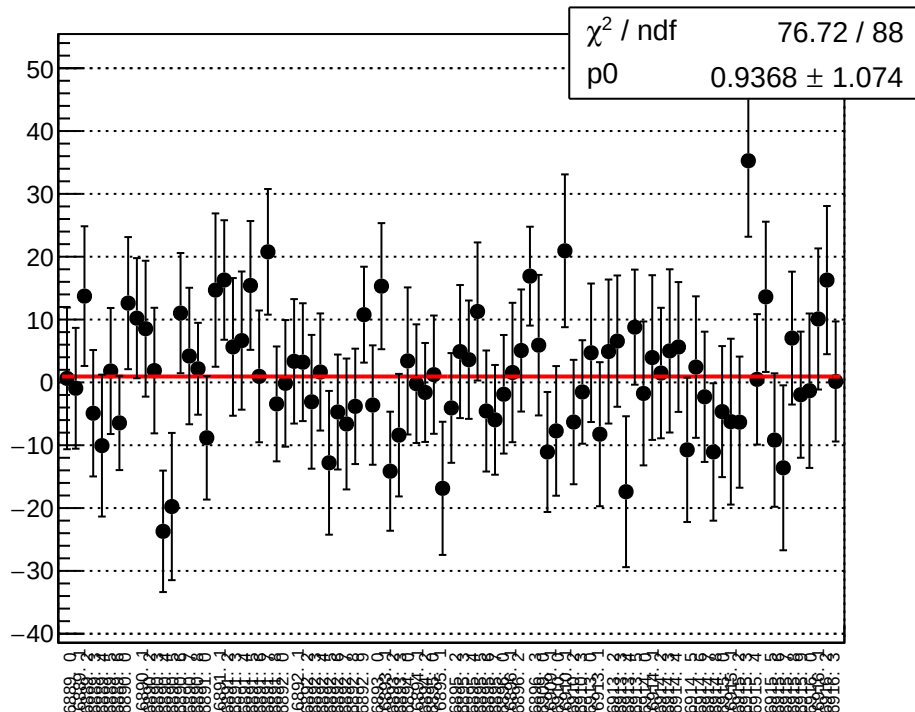
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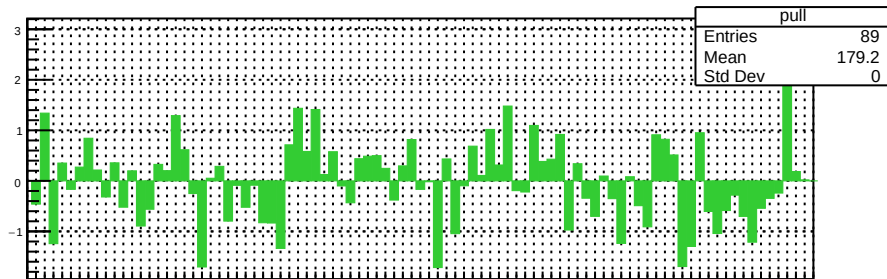
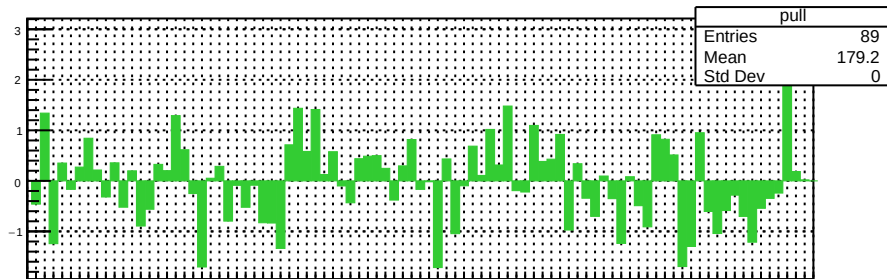
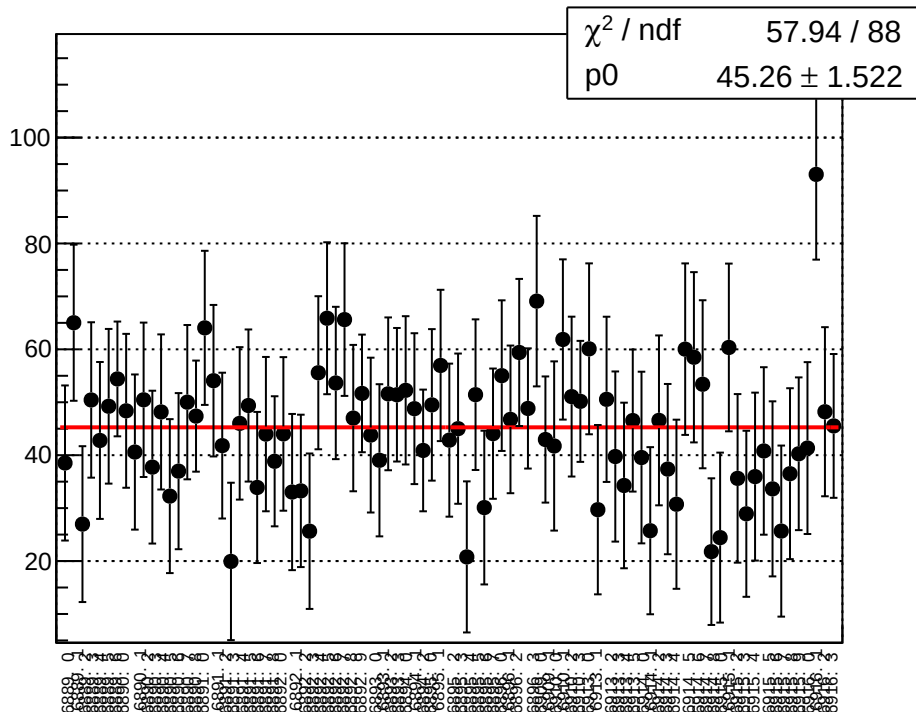
reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs run



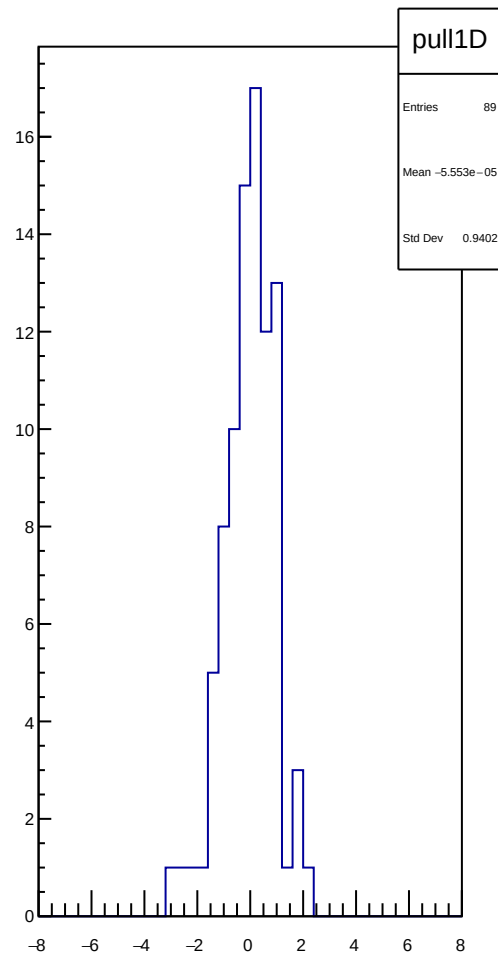
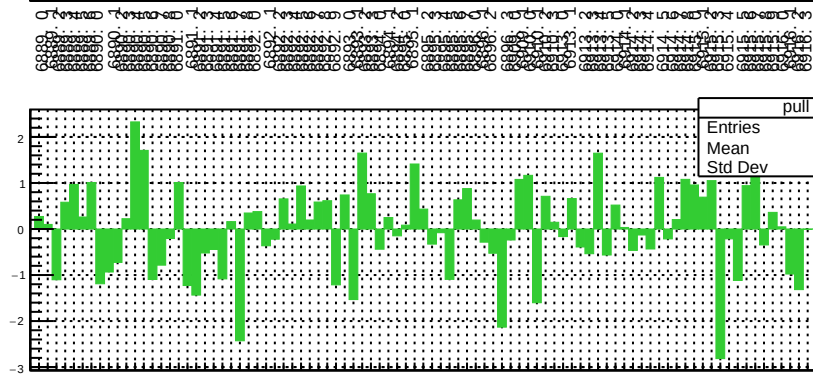
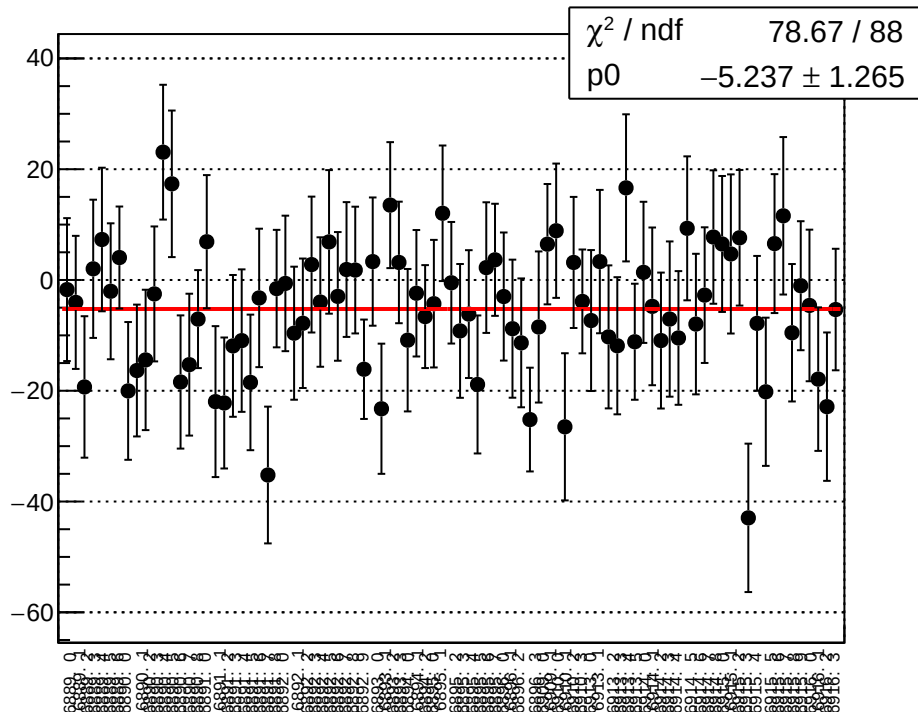
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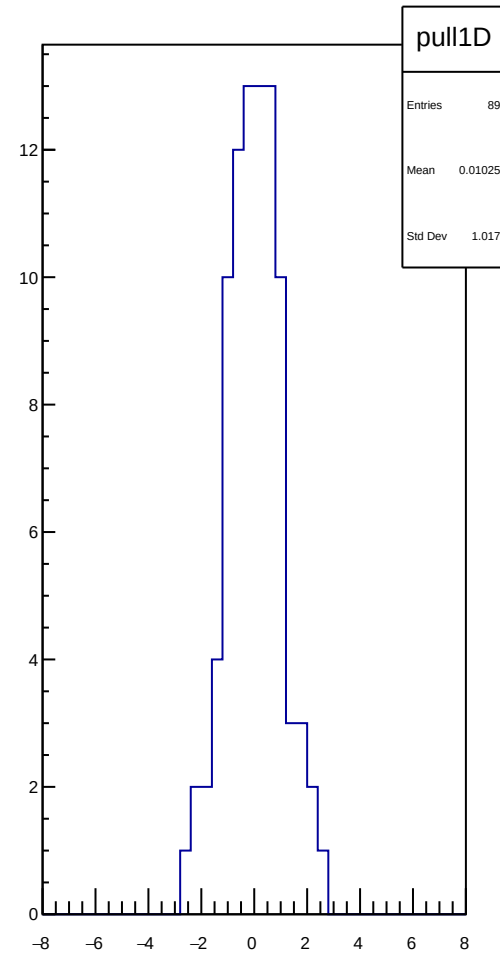
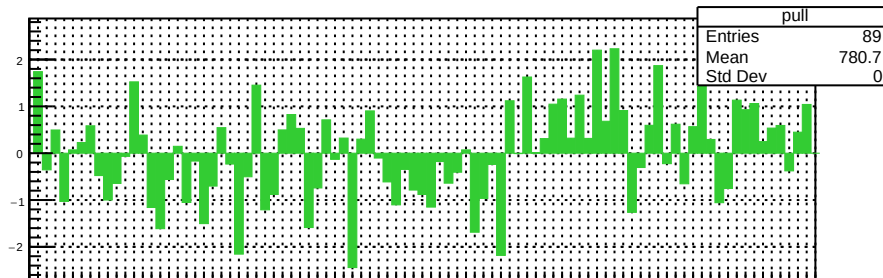
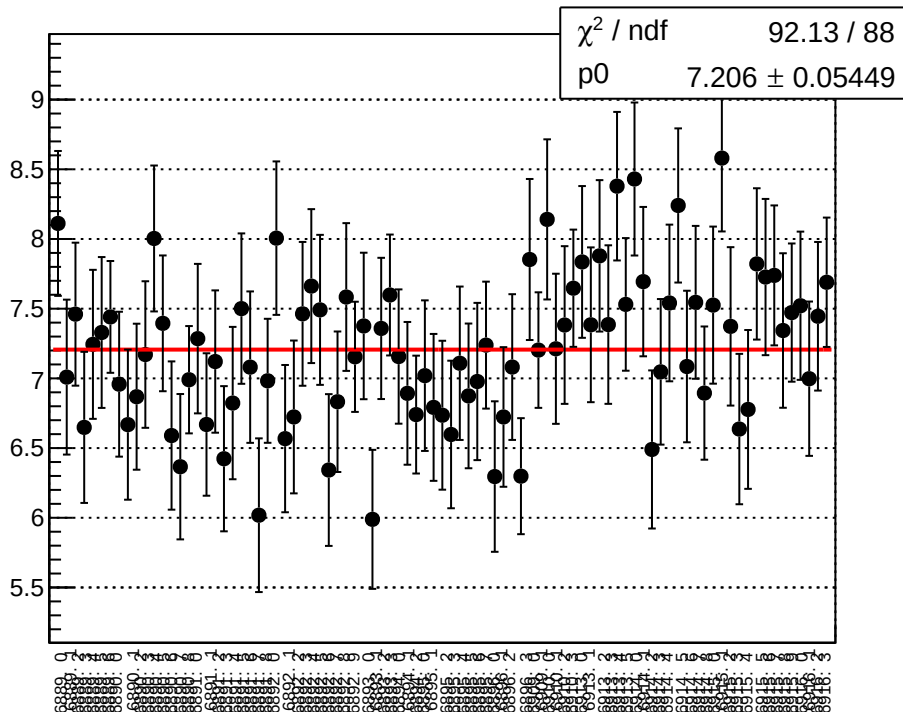
reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs run



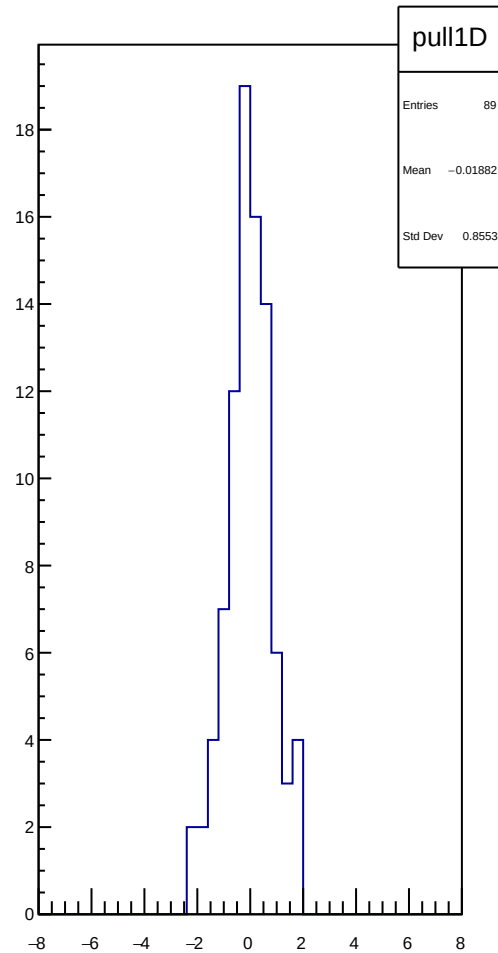
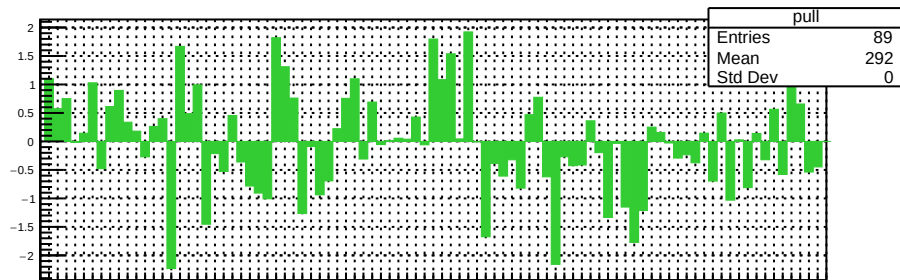
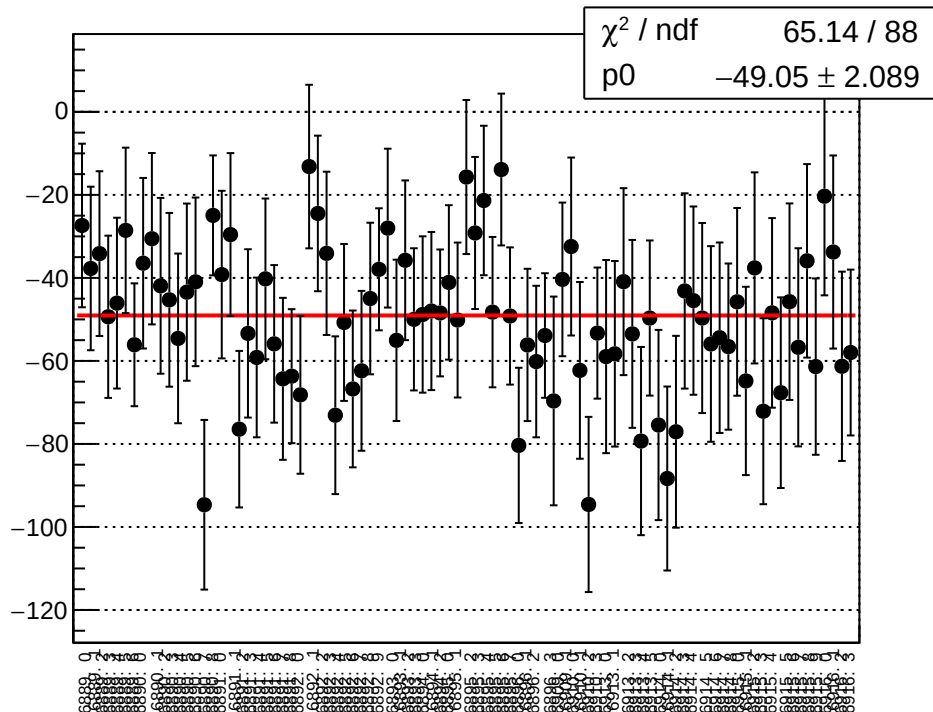
reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs run



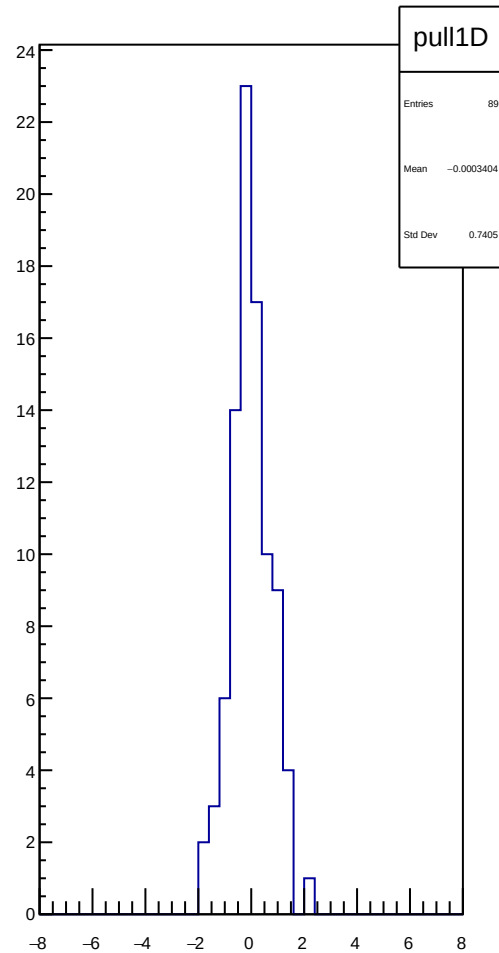
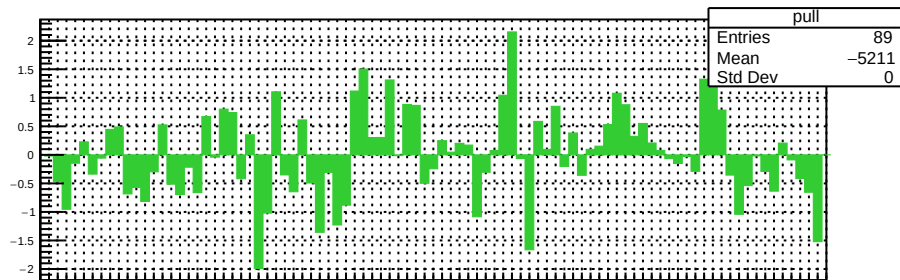
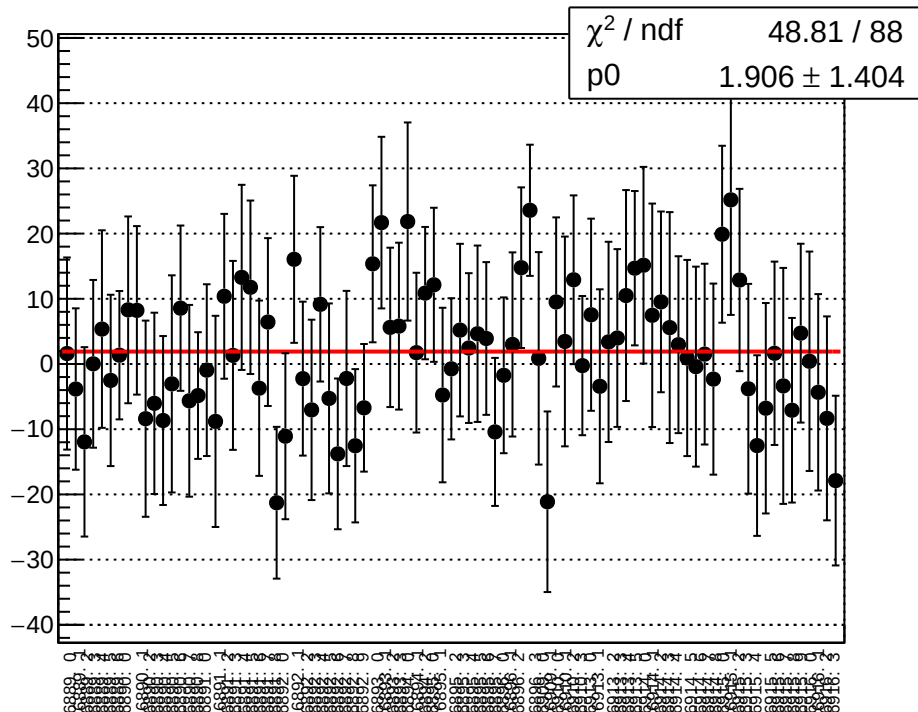
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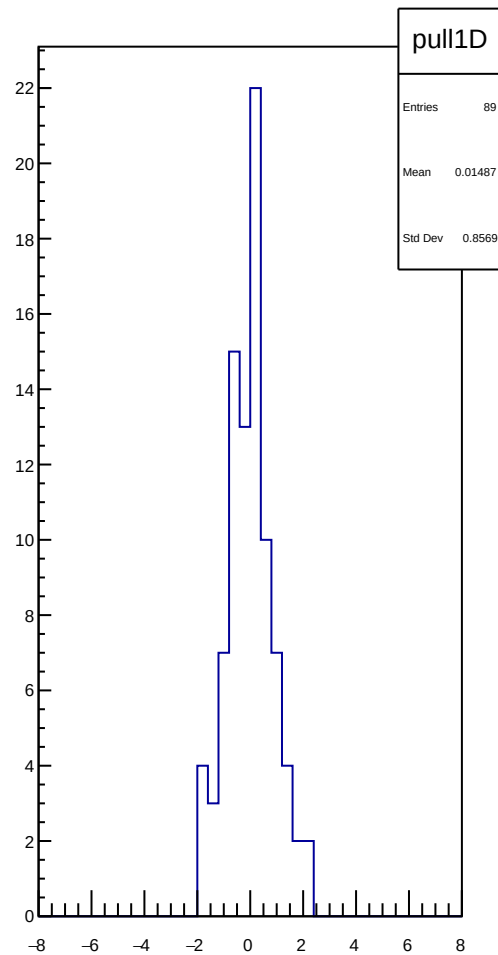
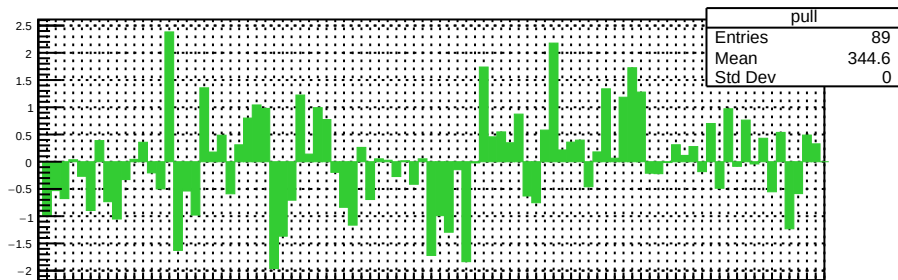
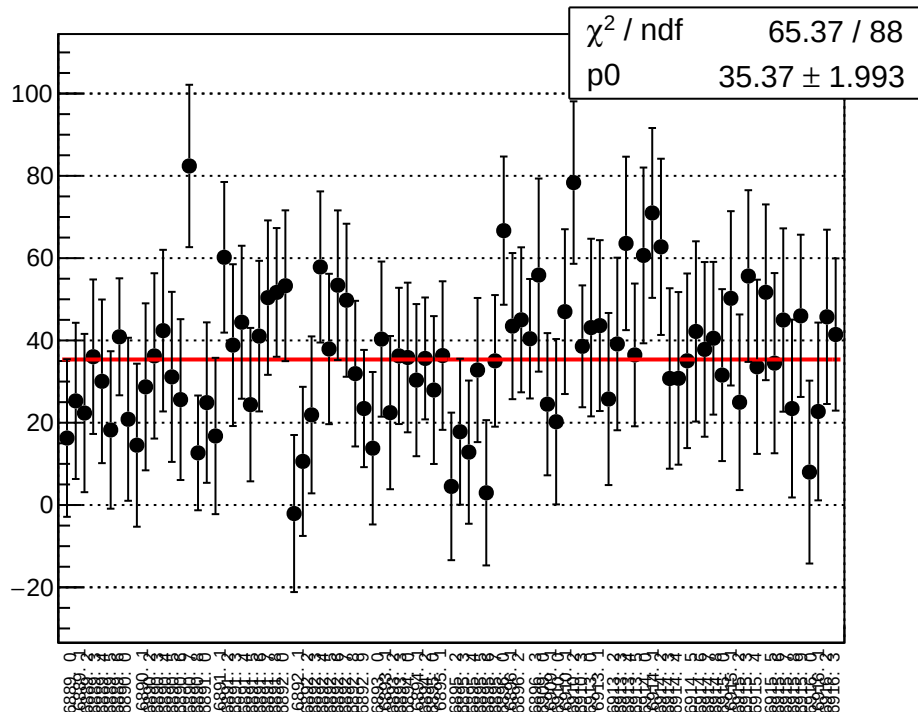
reg_asym_usl_atl1_avg_diff_bpm1X_slope vs run



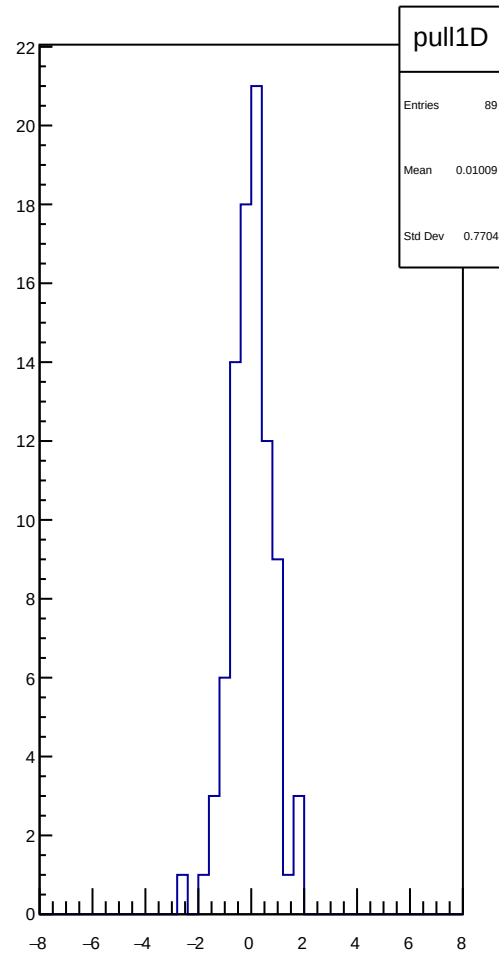
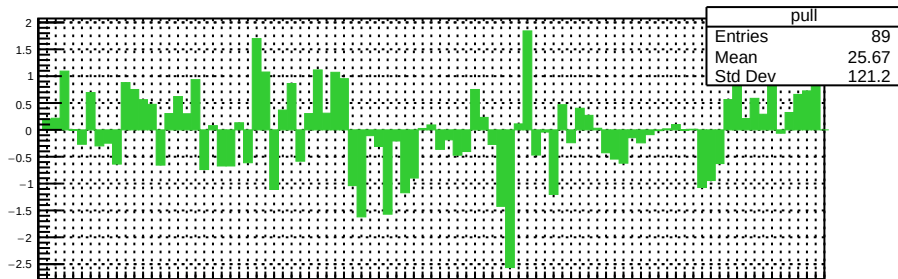
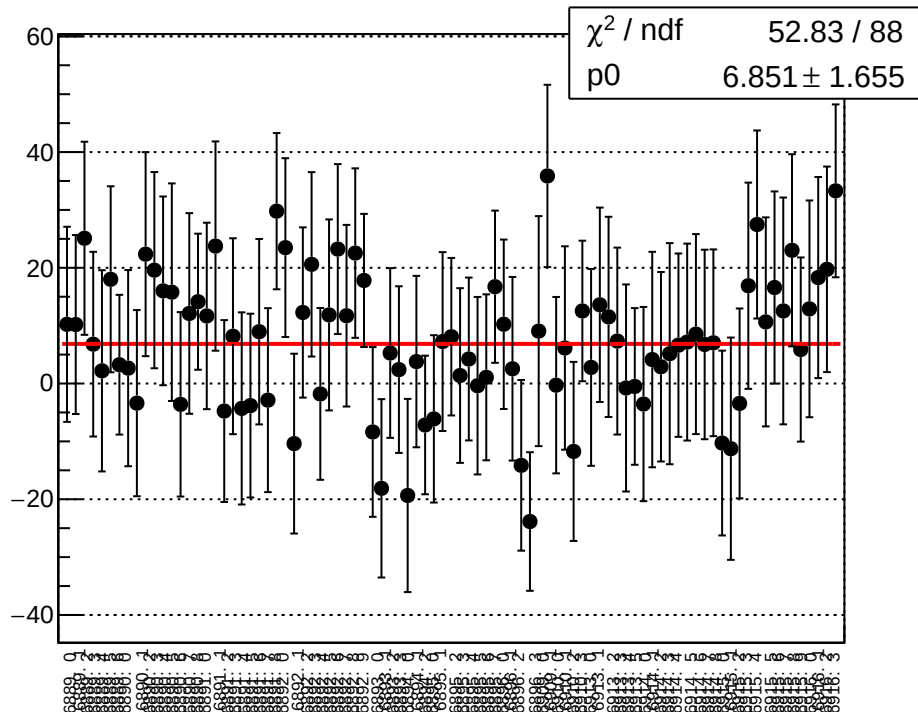
reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs run



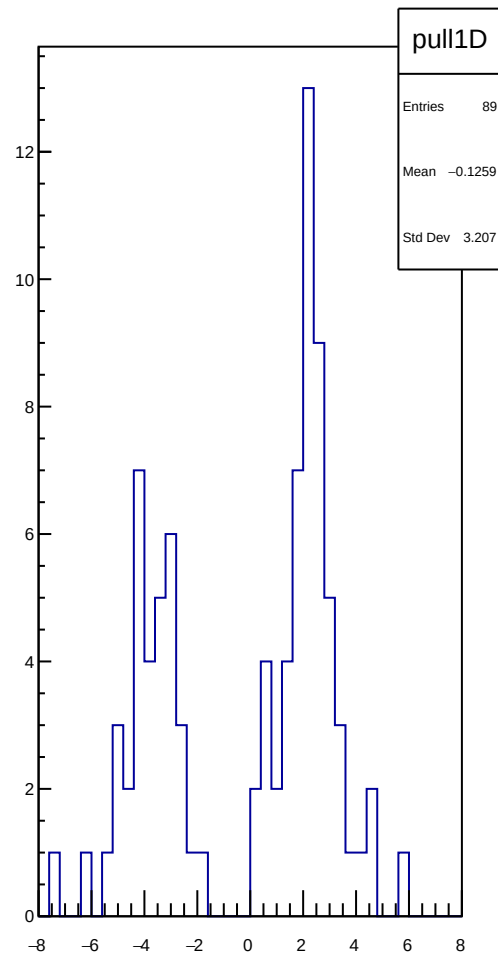
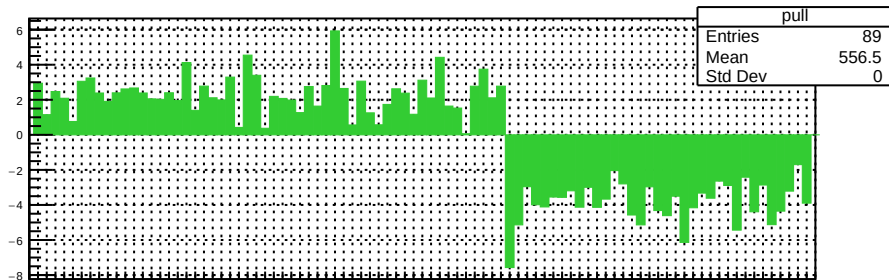
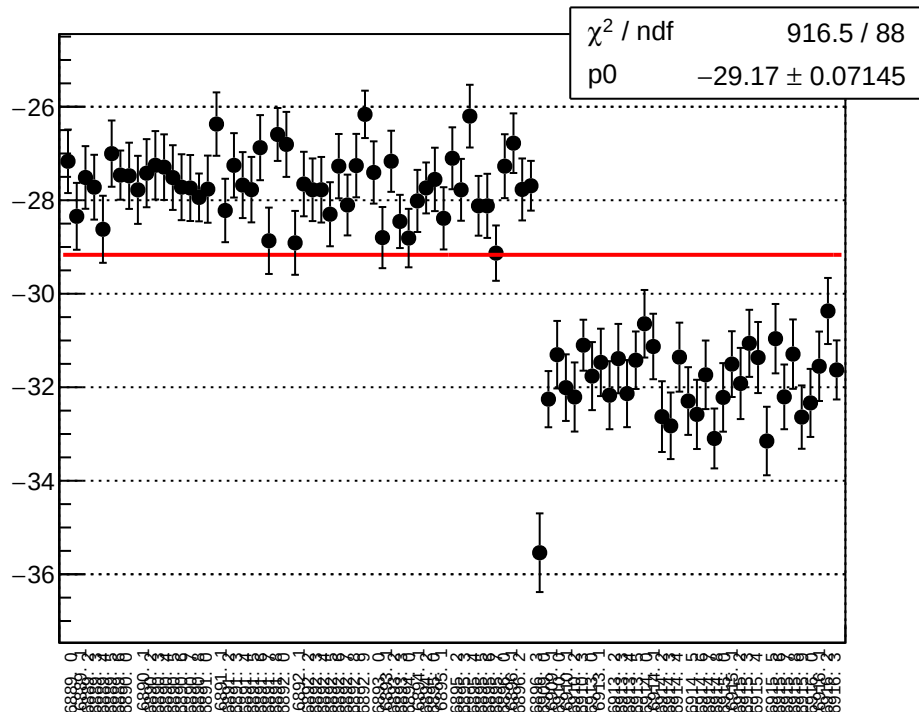
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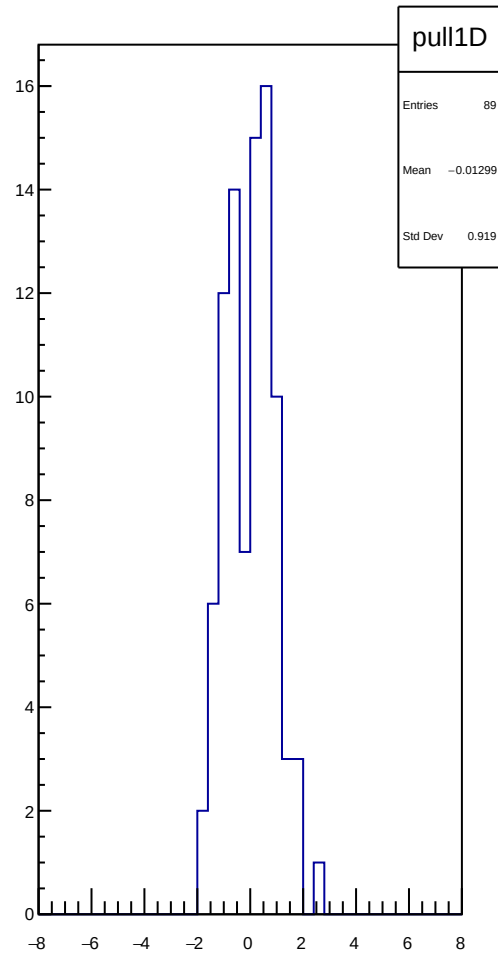
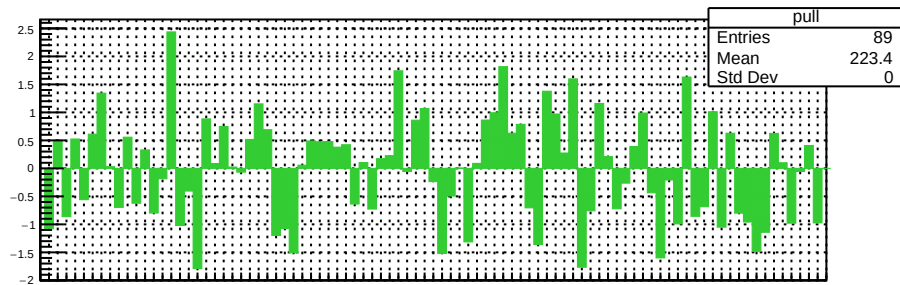
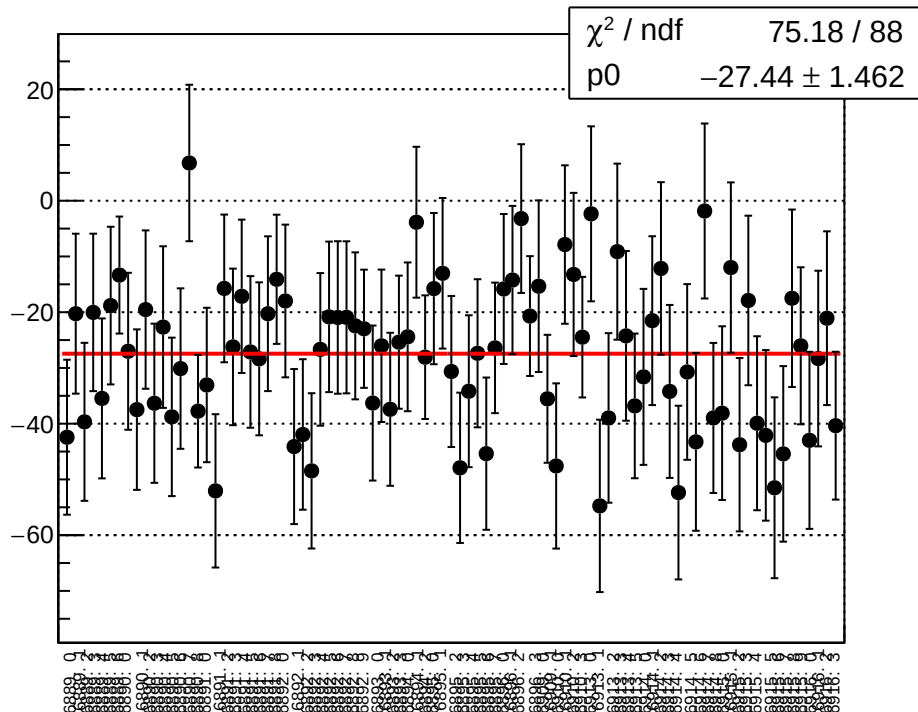
reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs run



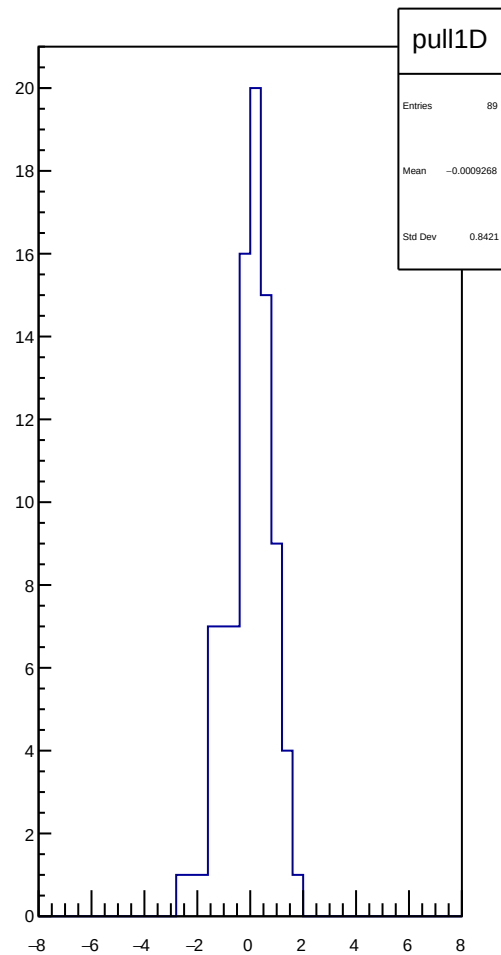
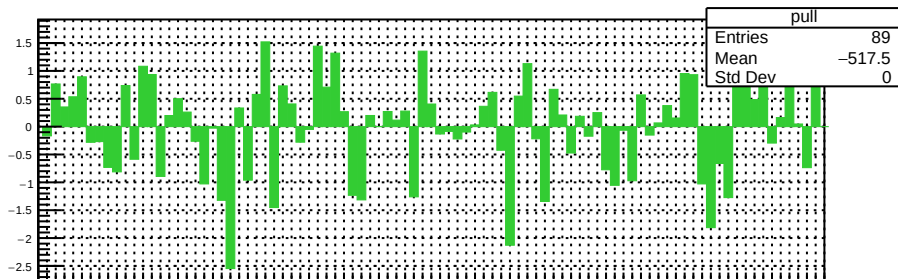
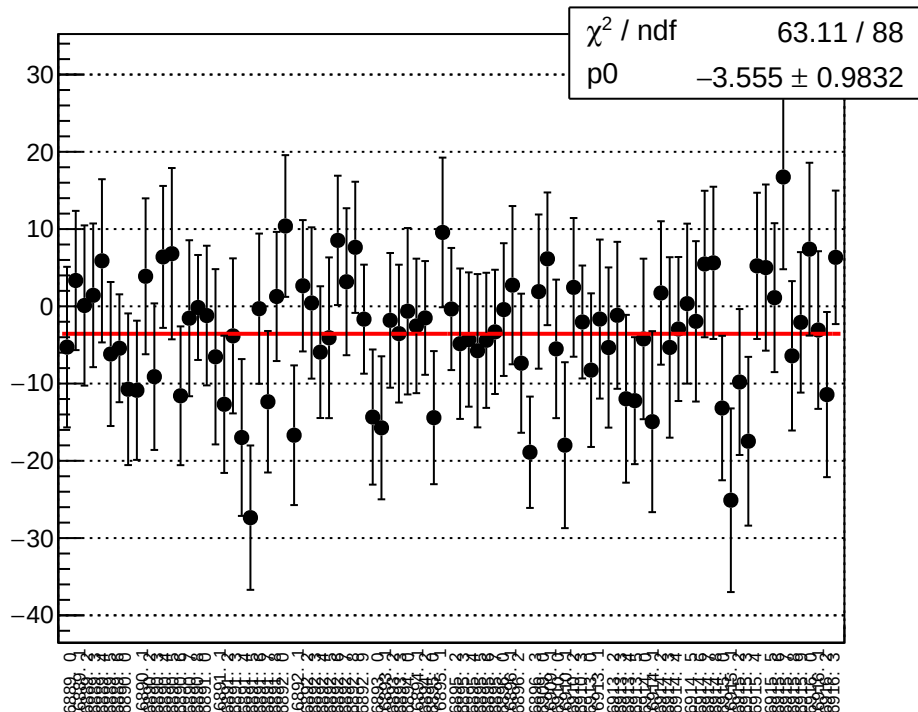
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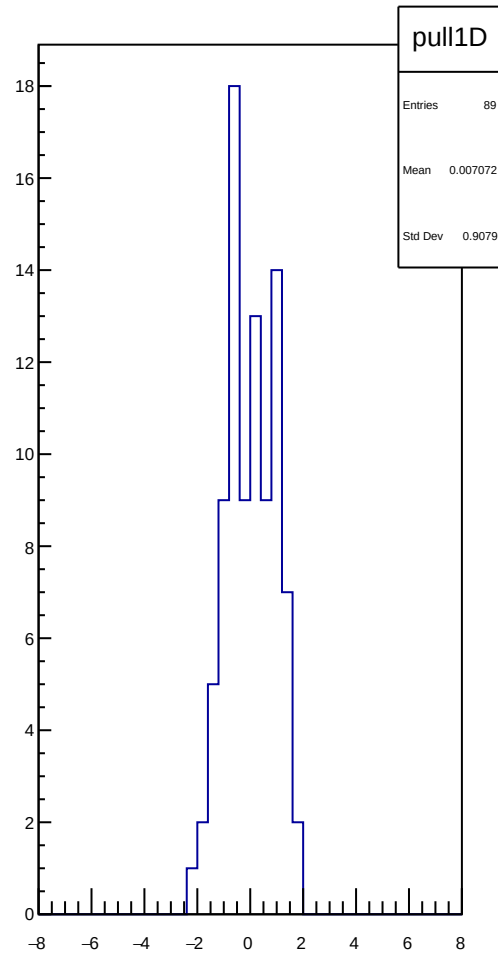
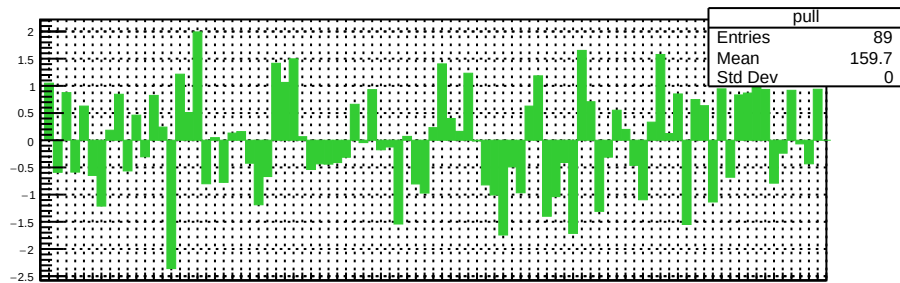
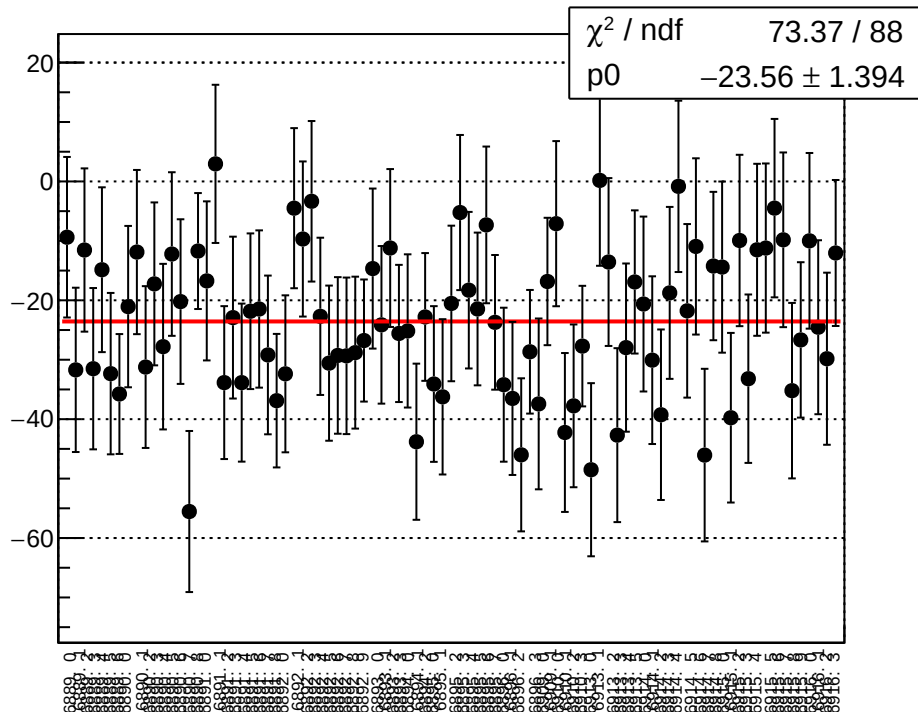
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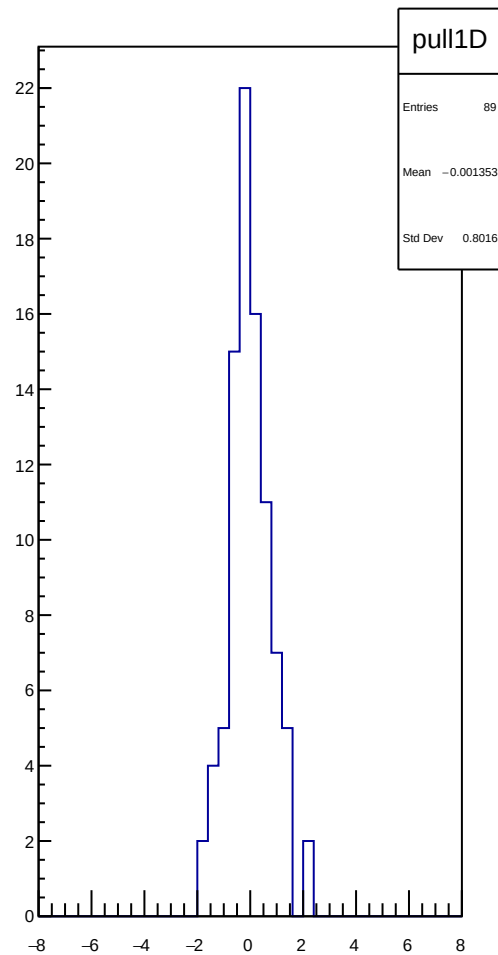
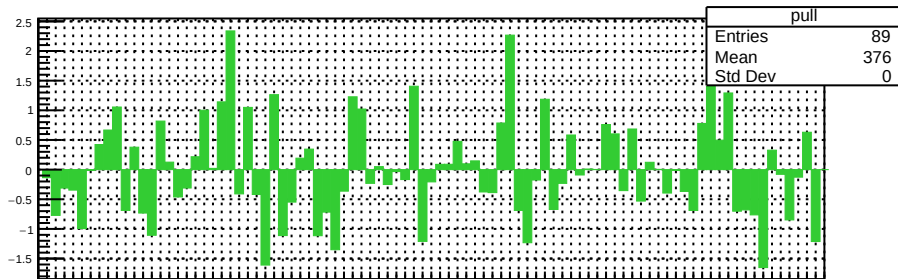
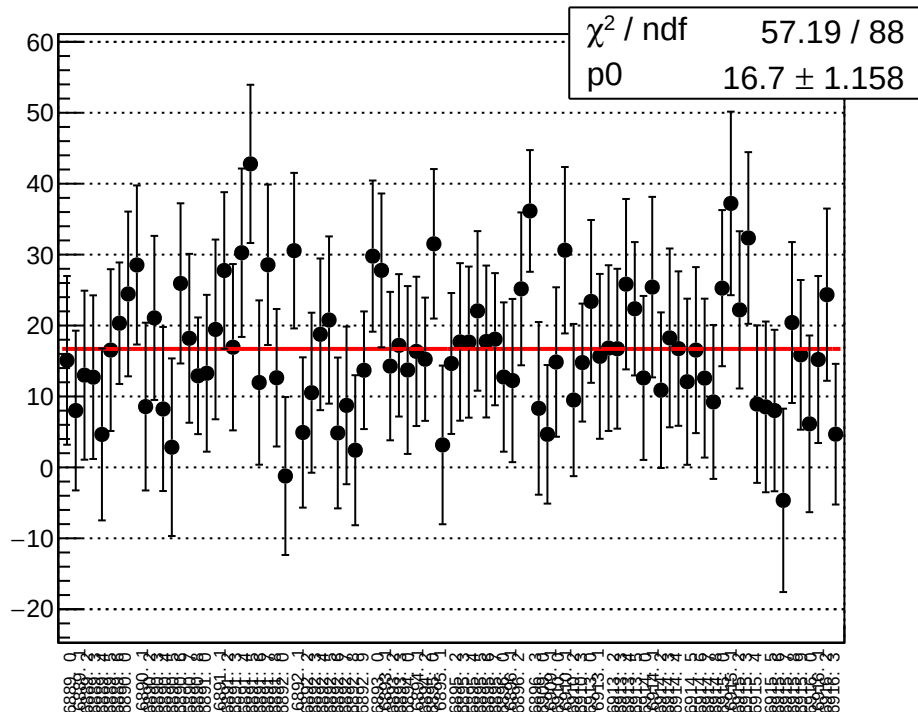
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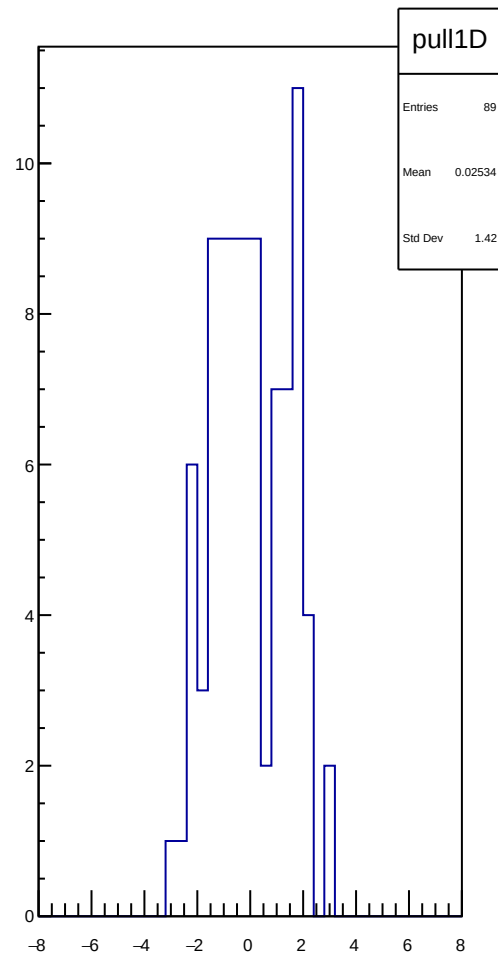
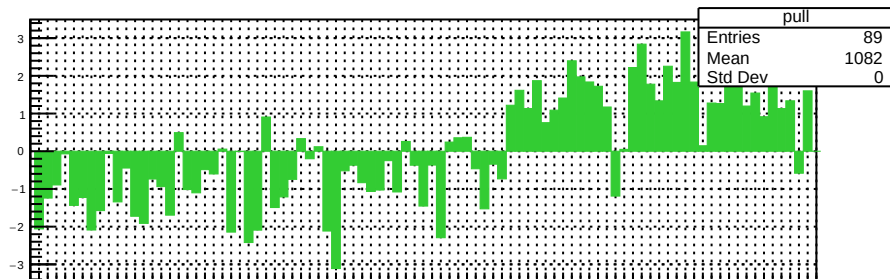
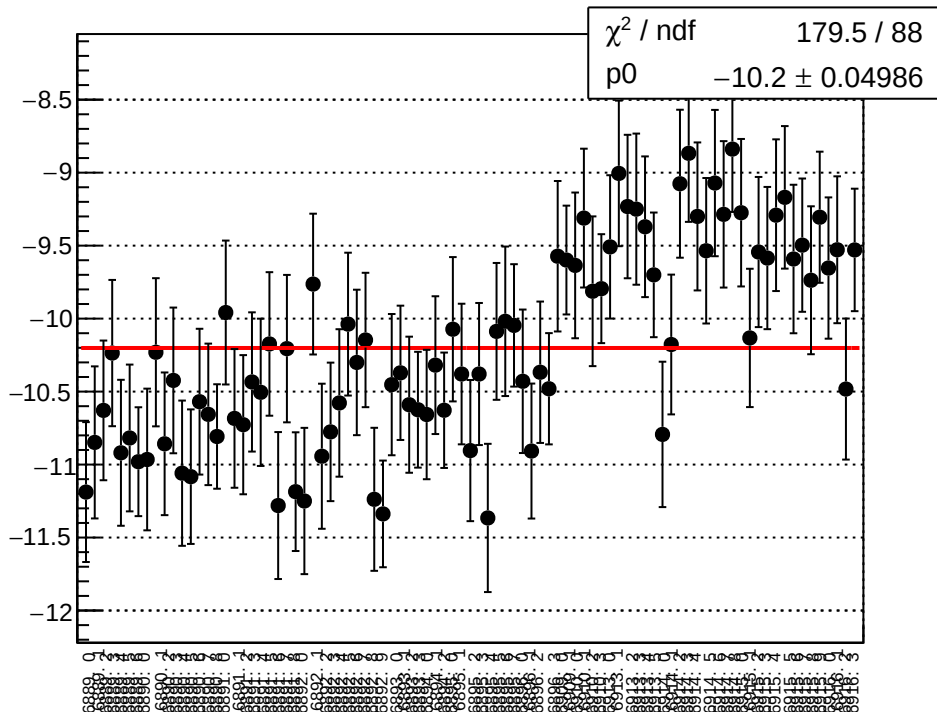
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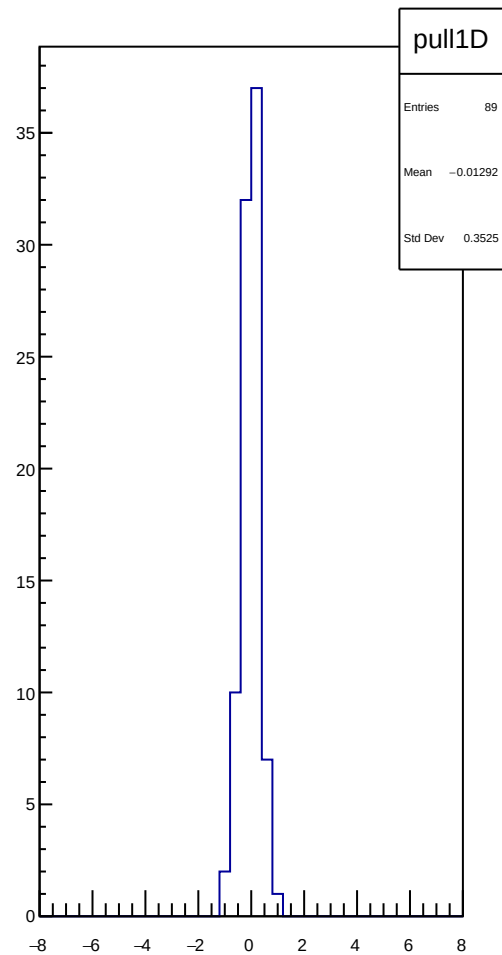
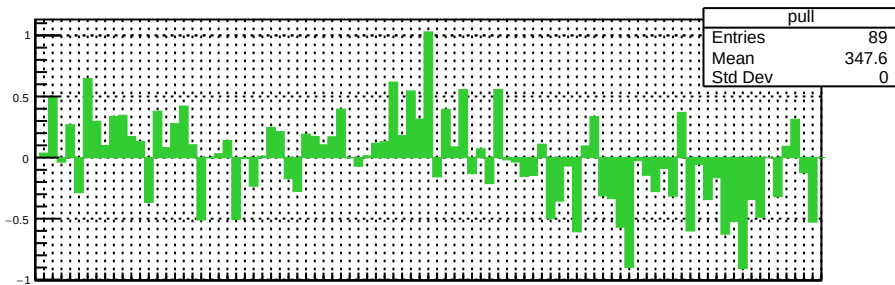
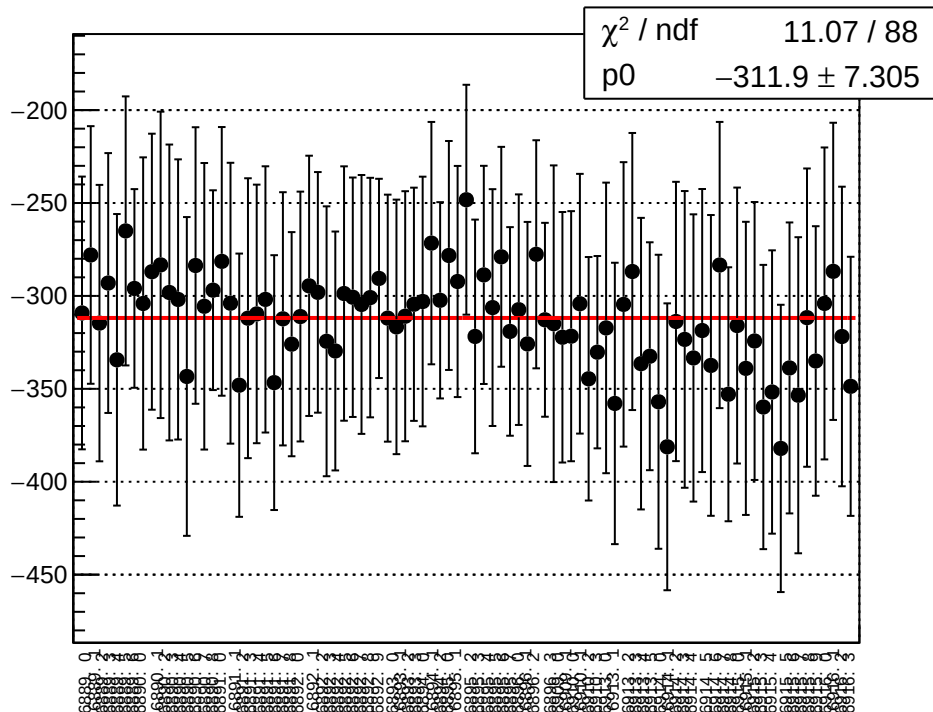
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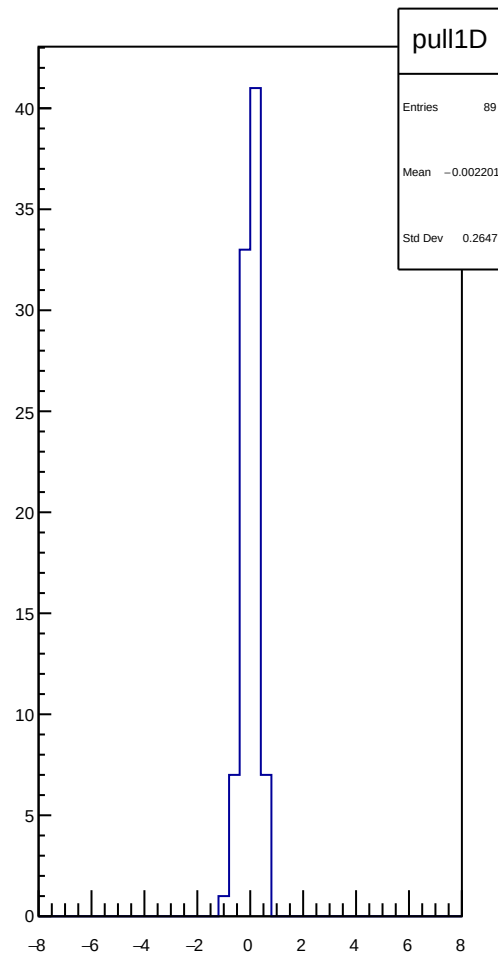
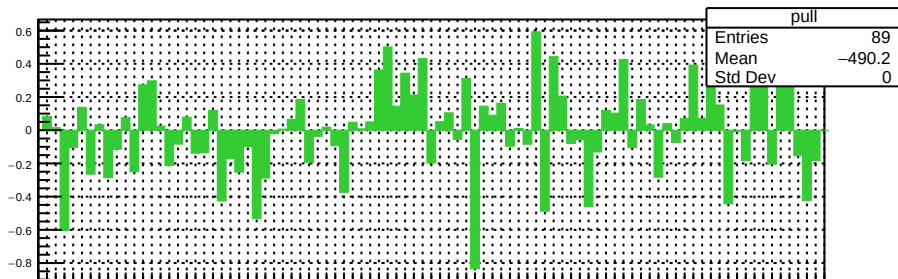
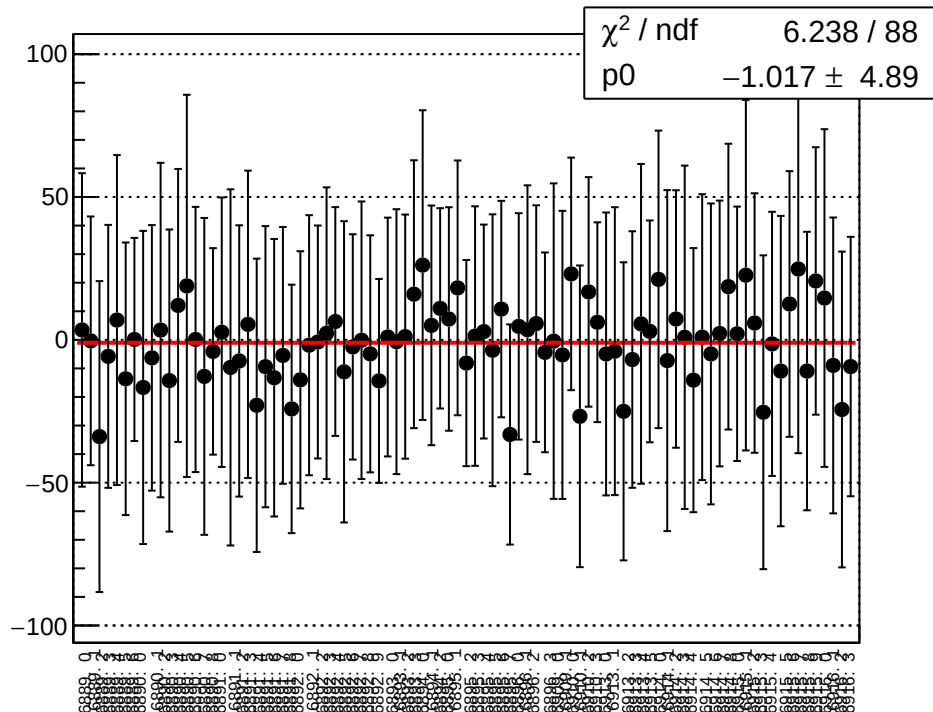
reg_asym_usl_atl1_dd_diff_bpm12X_slope vs run



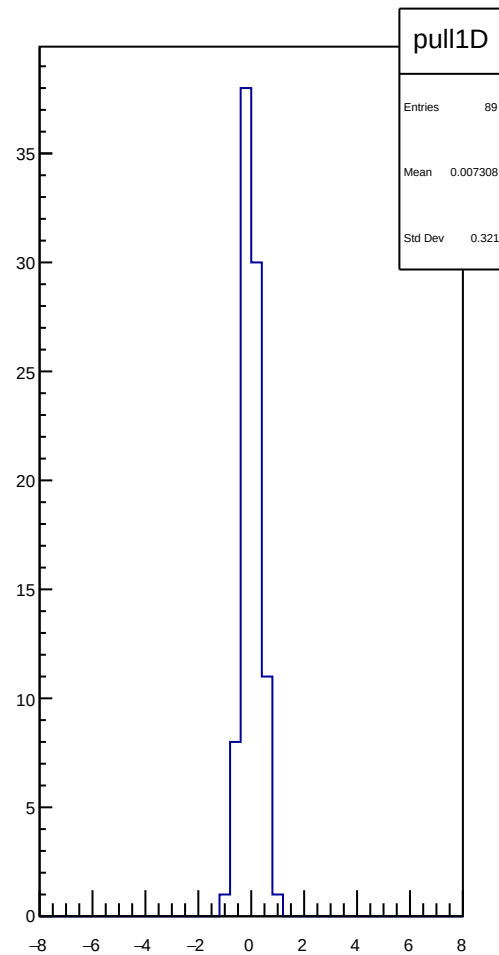
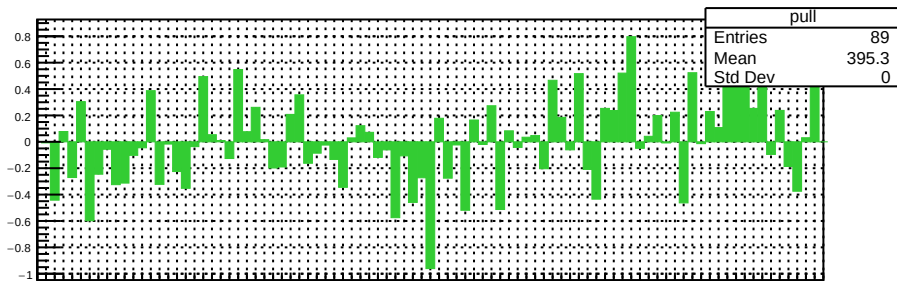
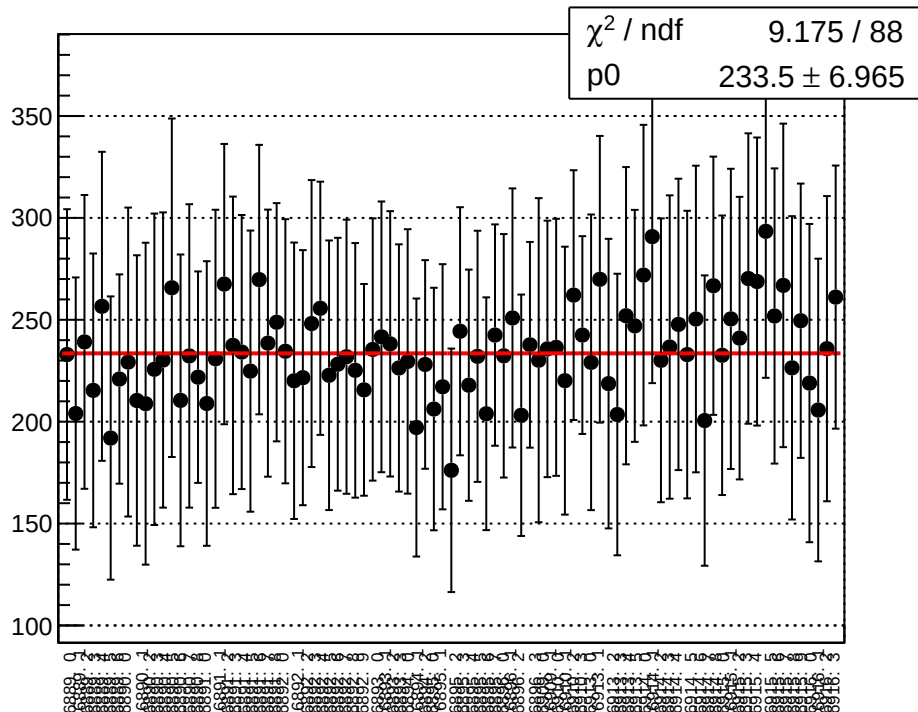
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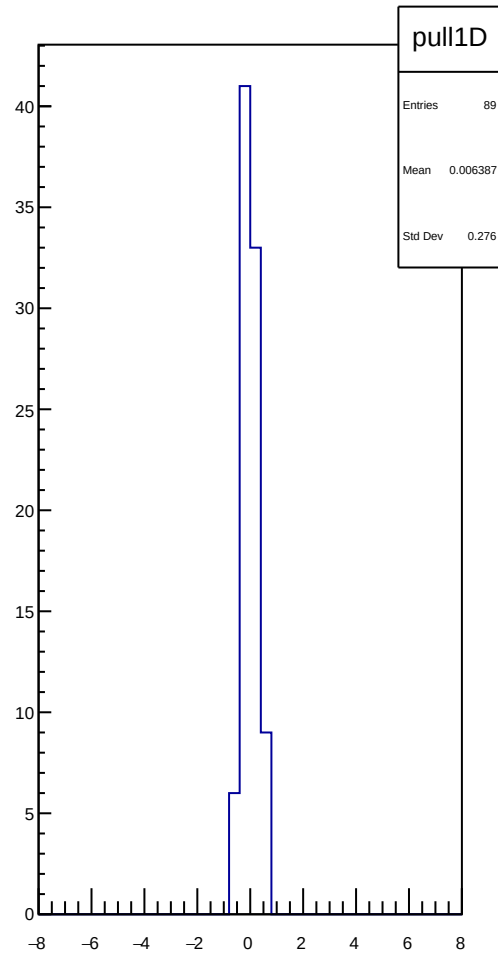
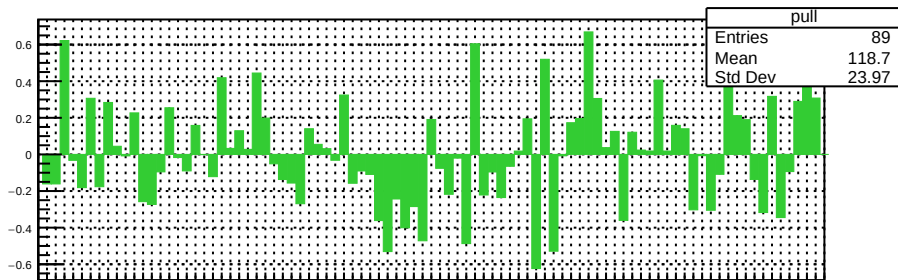
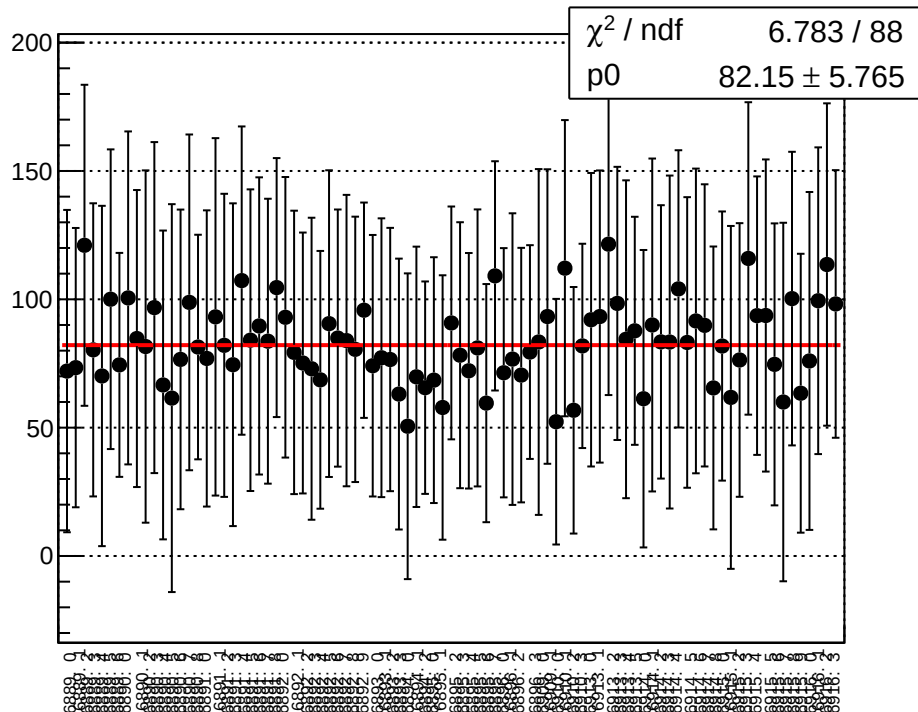
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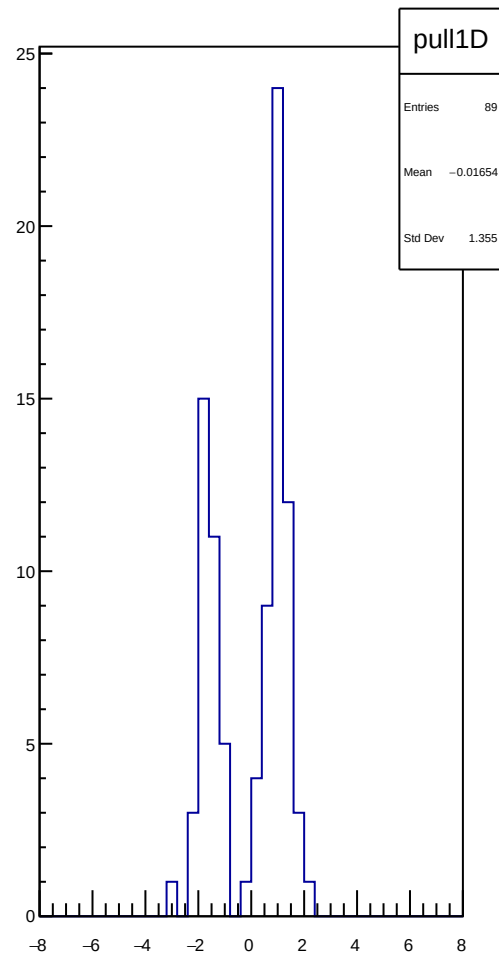
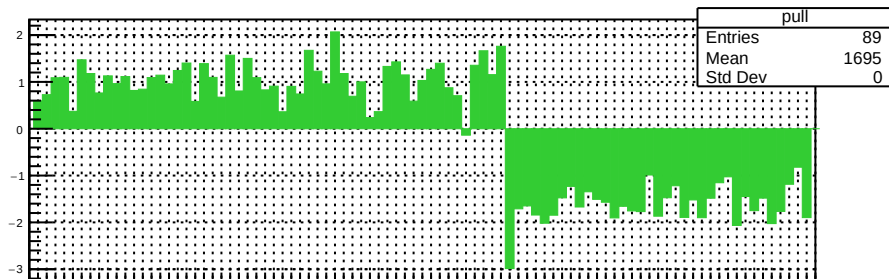
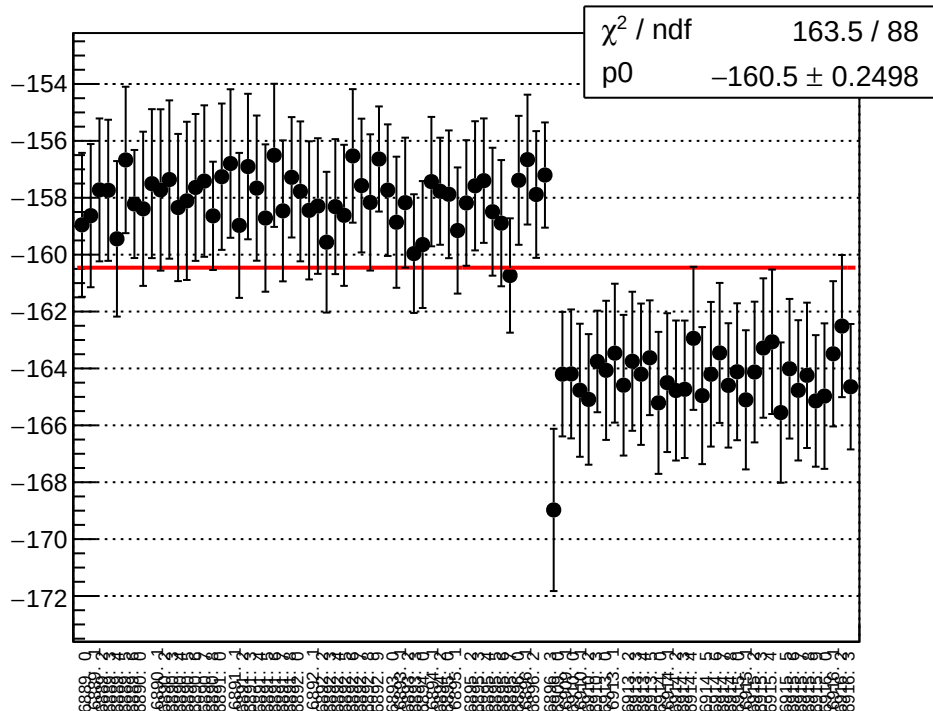
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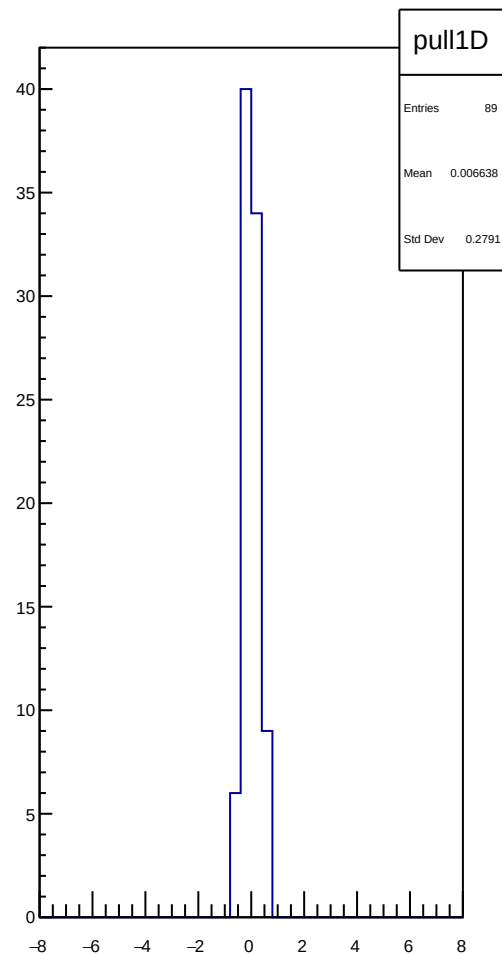
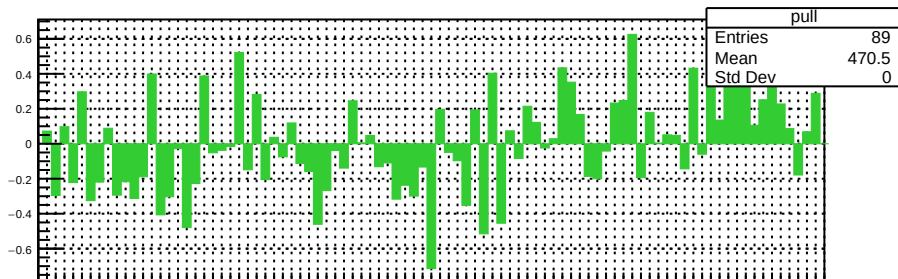
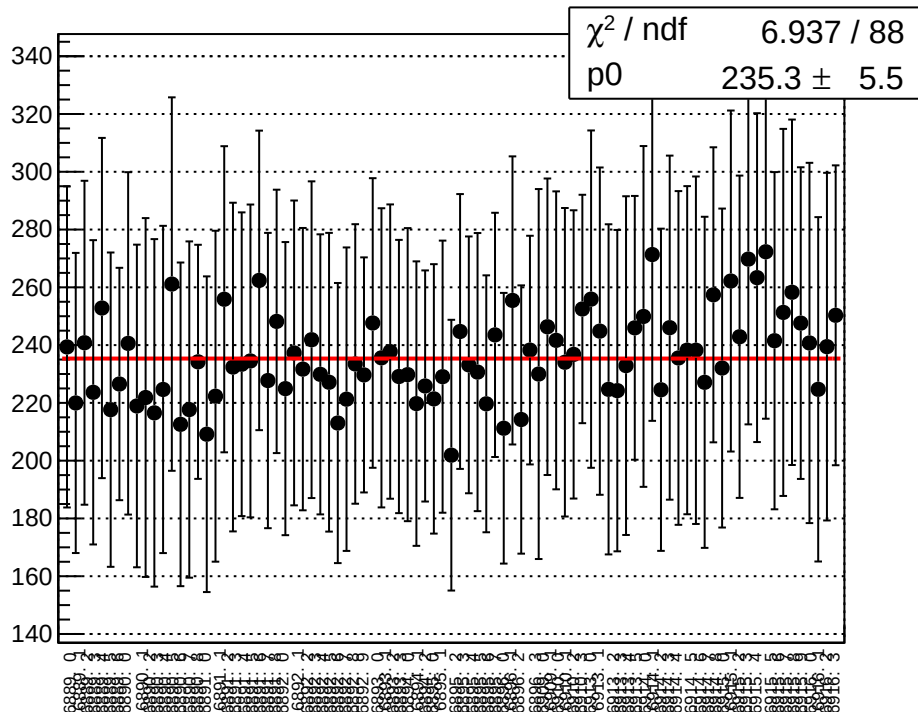
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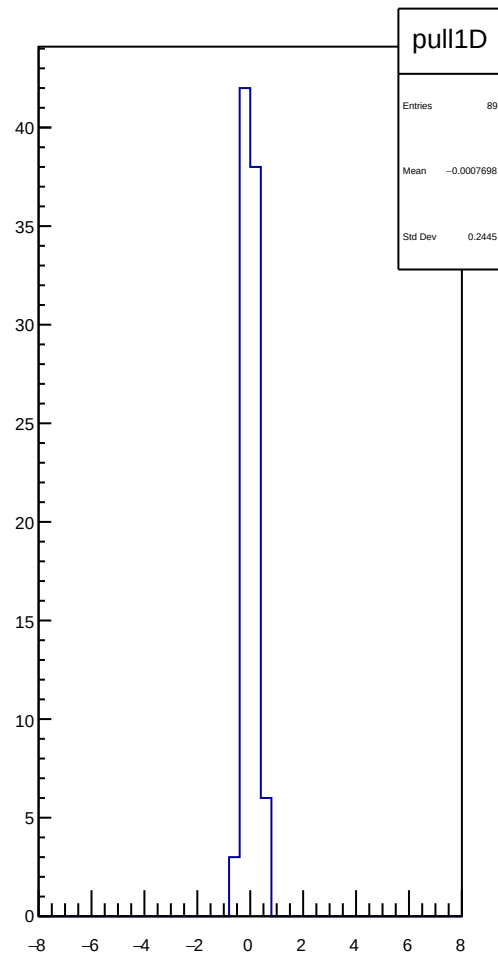
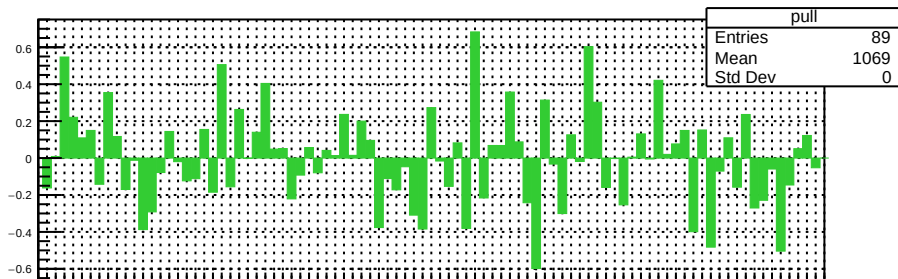
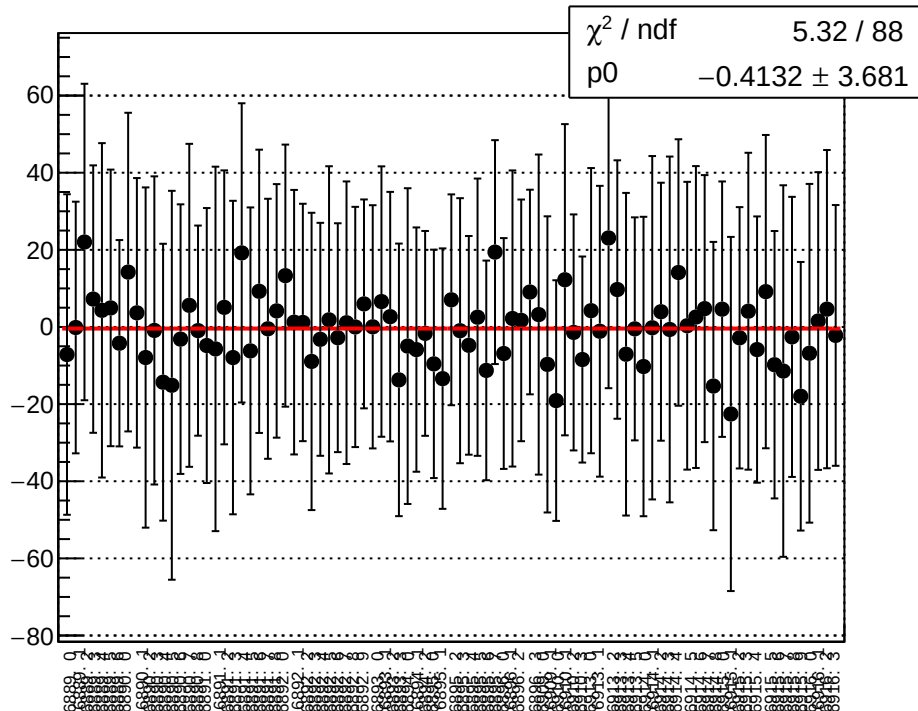
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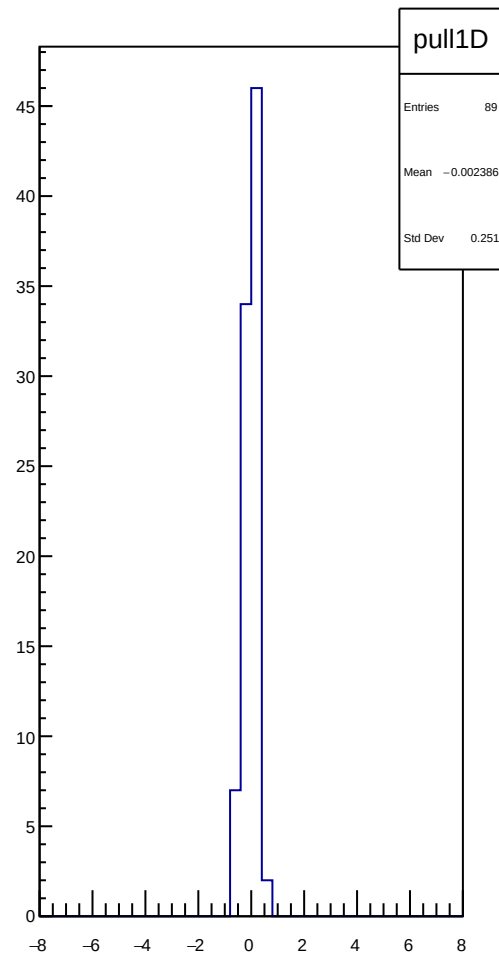
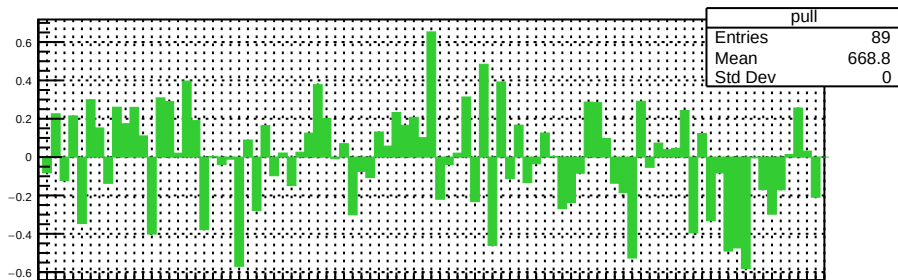
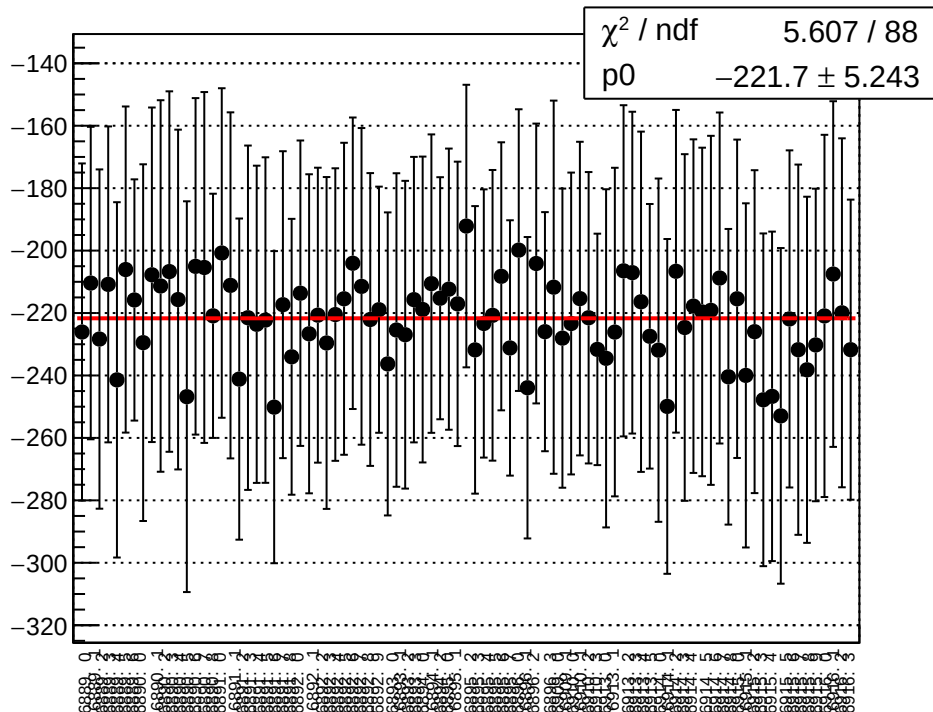
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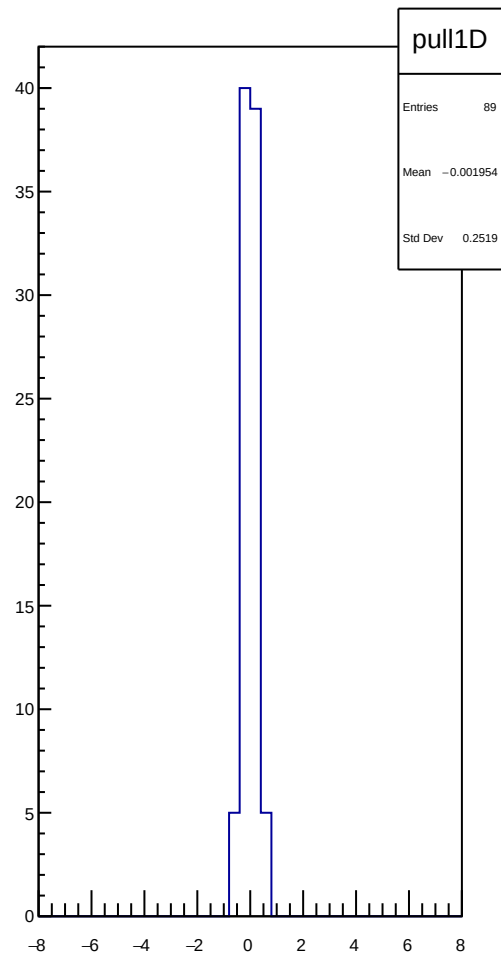
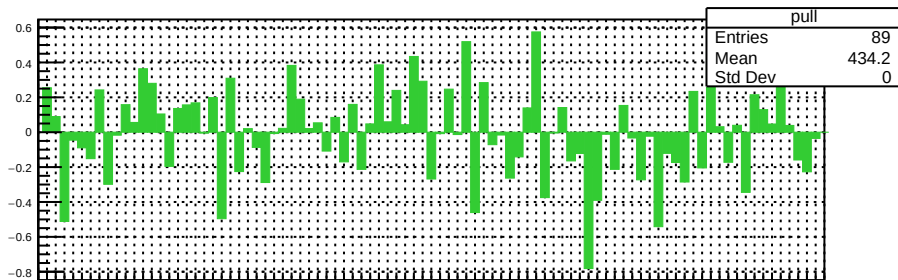
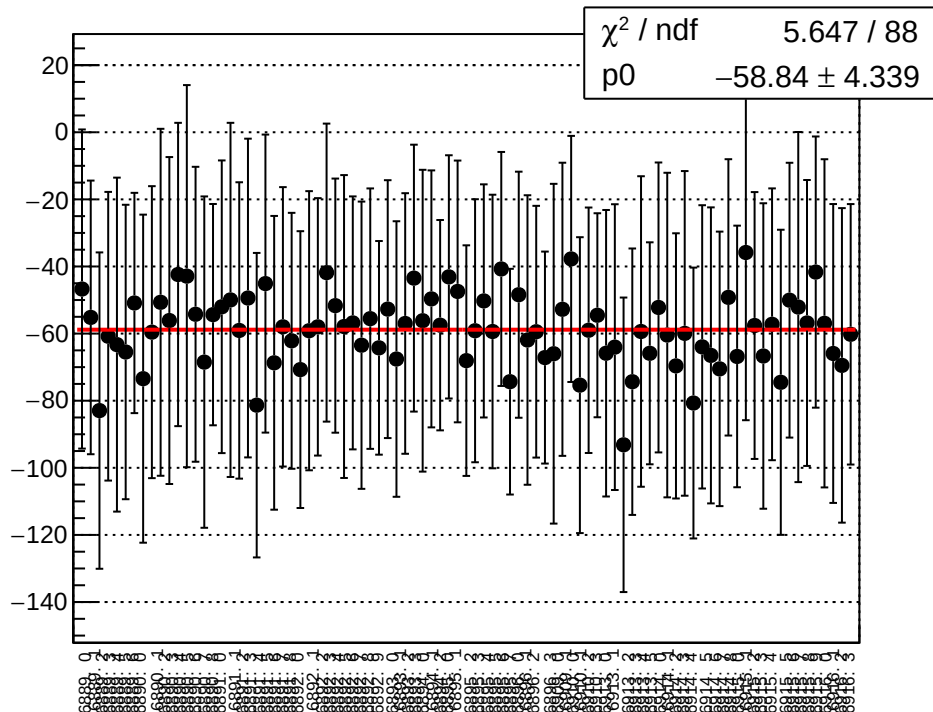
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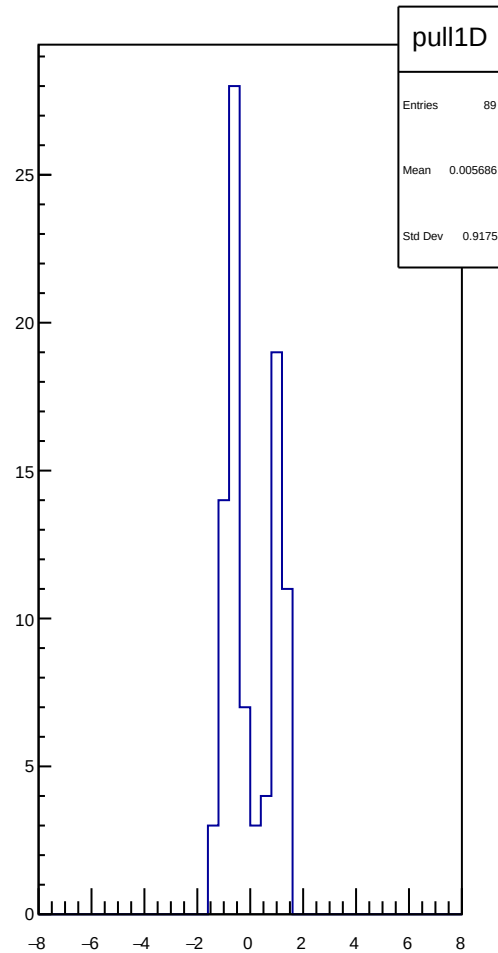
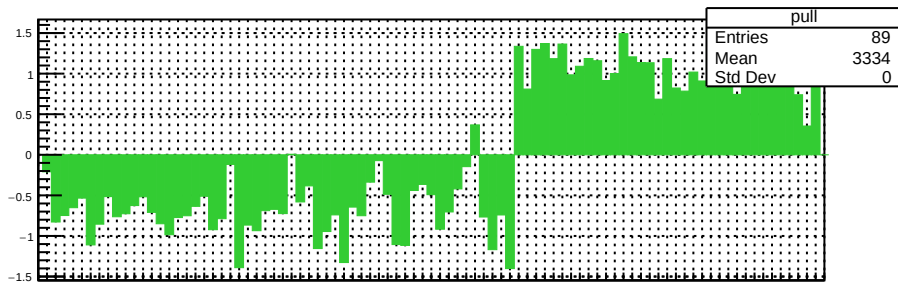
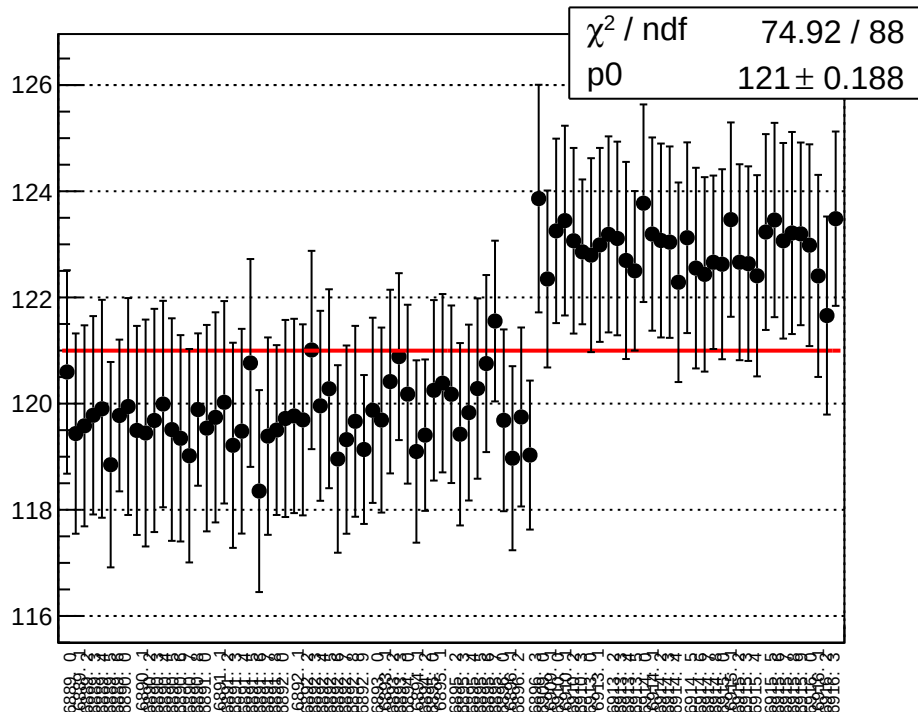
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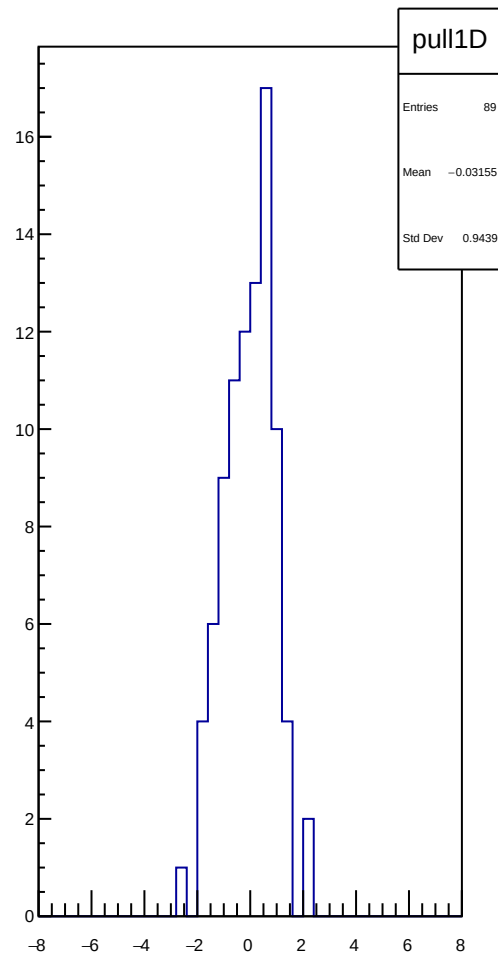
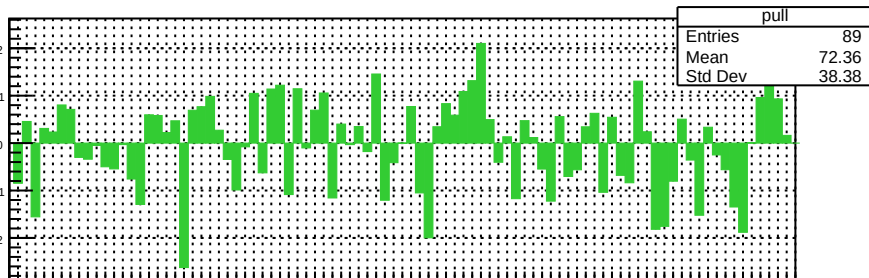
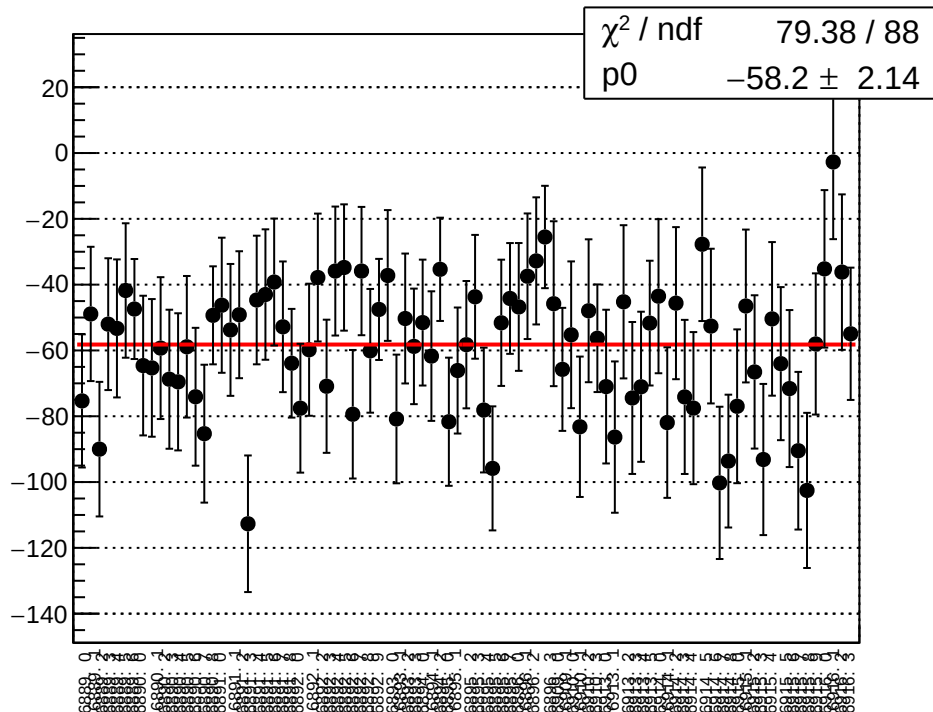
reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs run



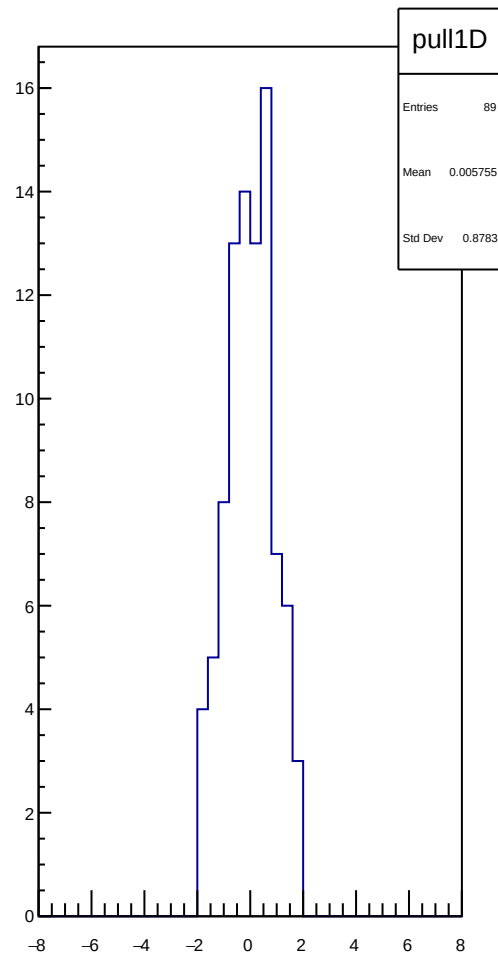
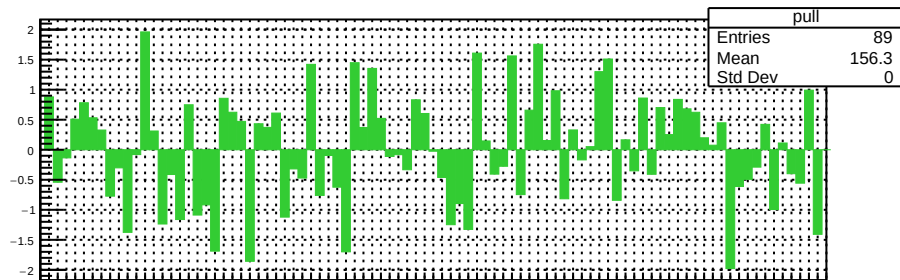
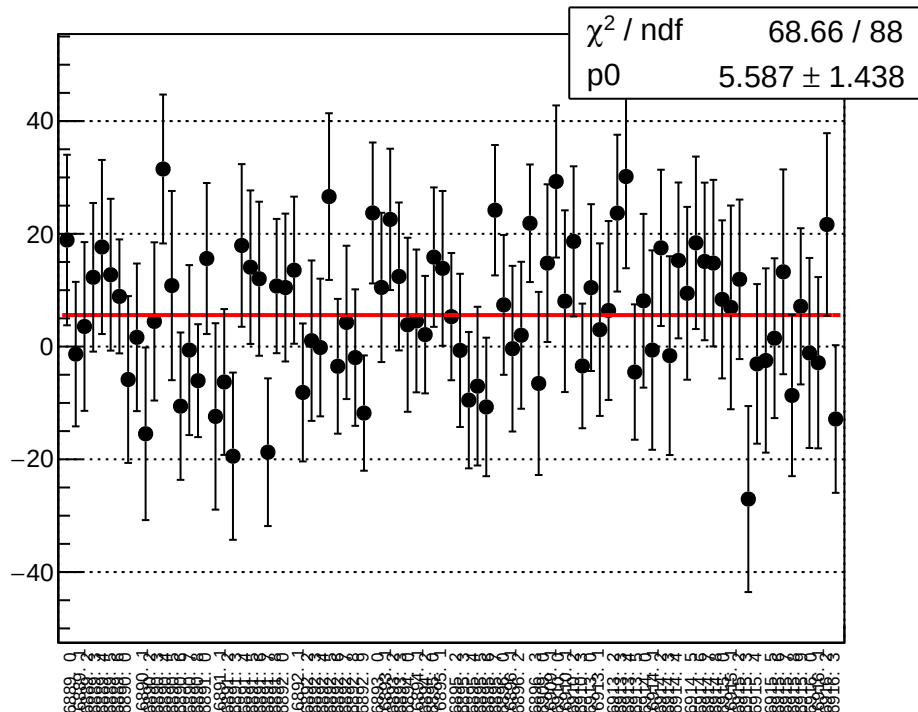
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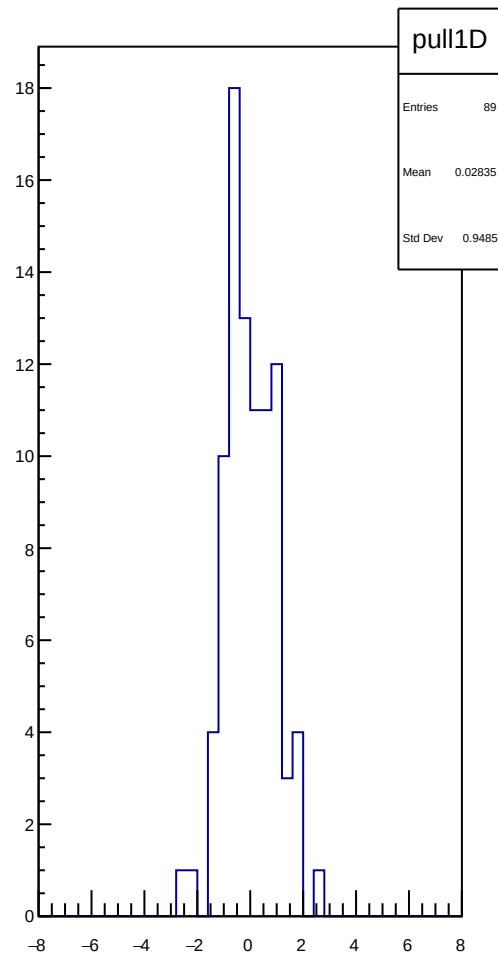
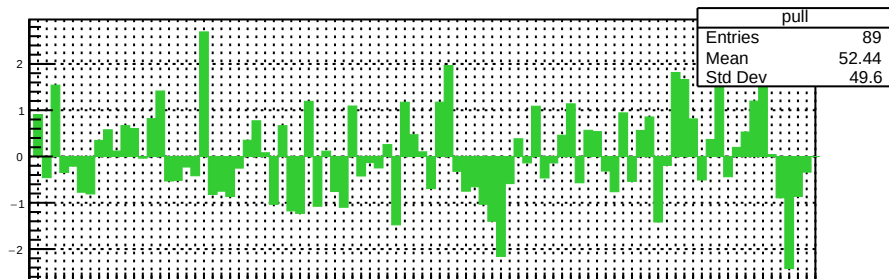
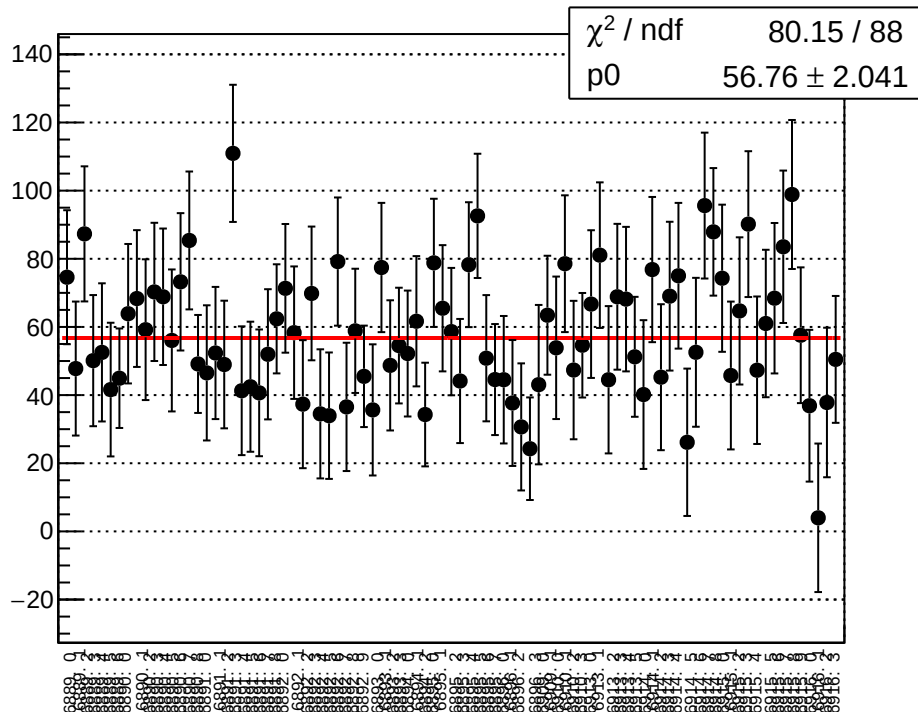
reg_asym_usr_atr1_avg_diff_bpm1X_slope vs run



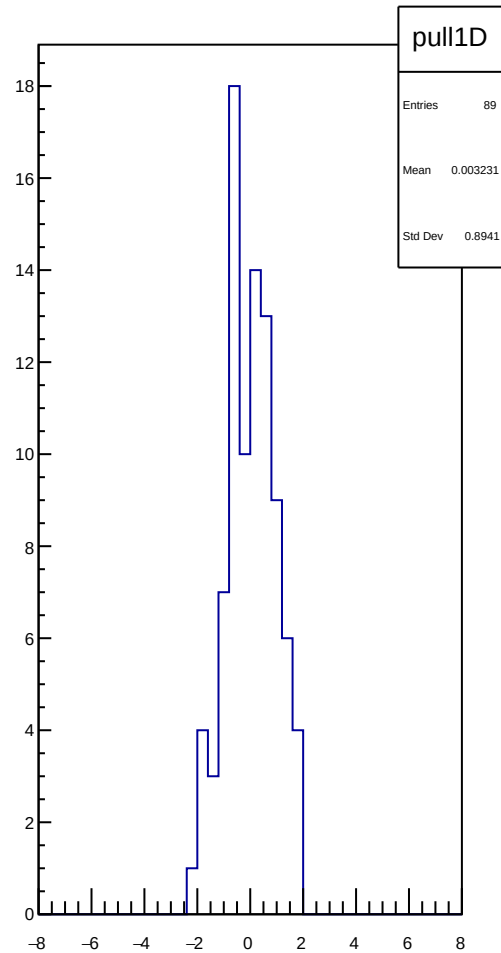
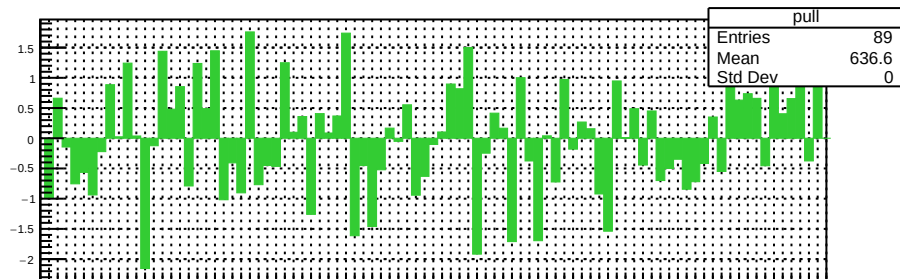
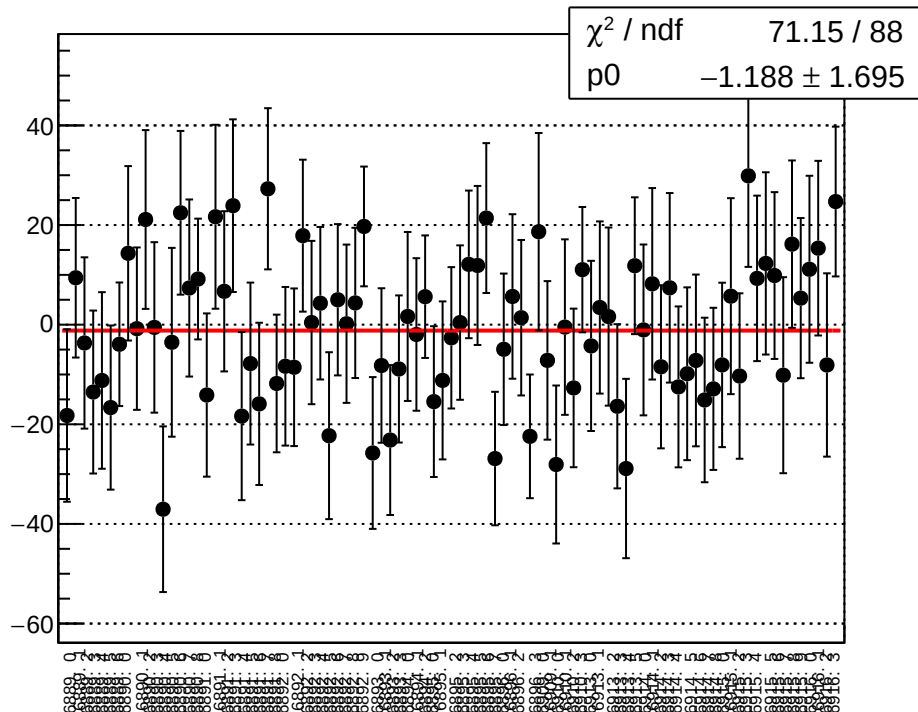
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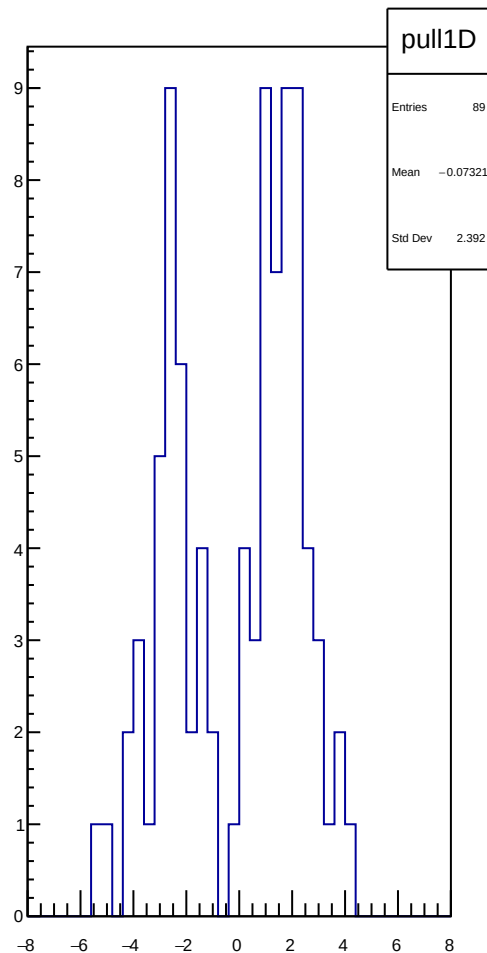
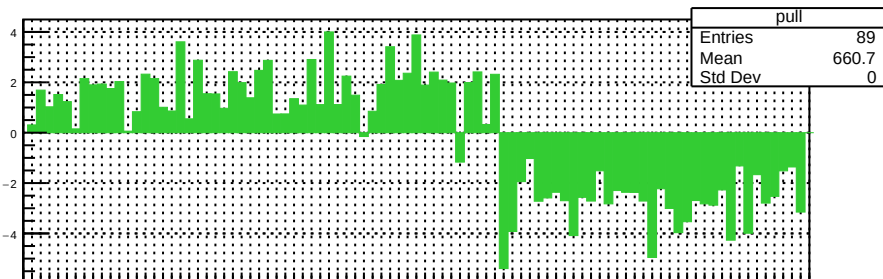
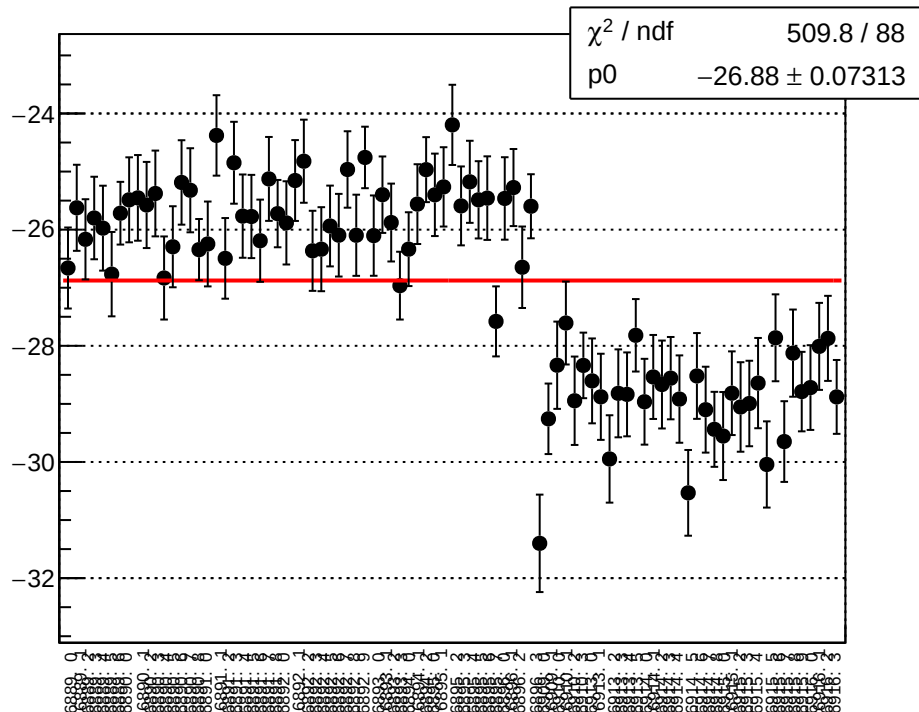
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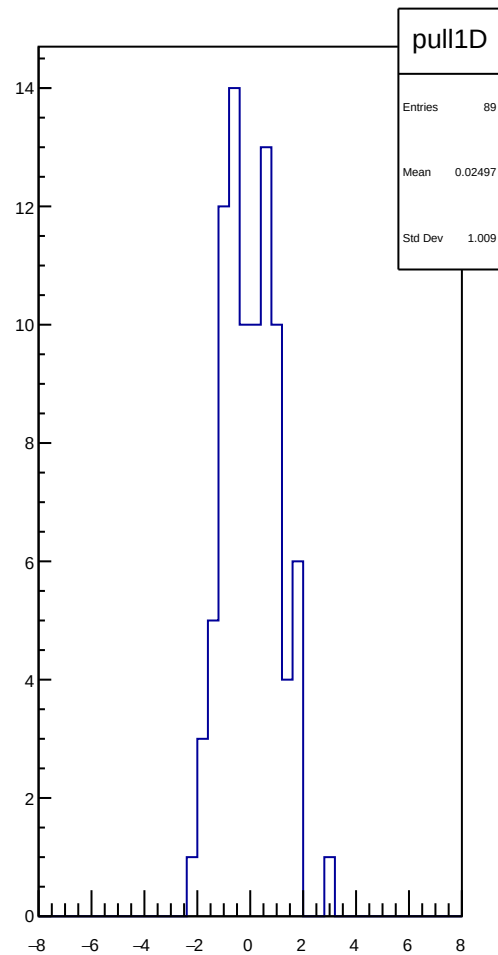
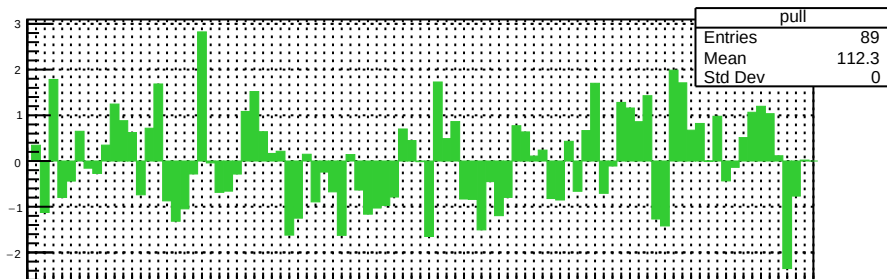
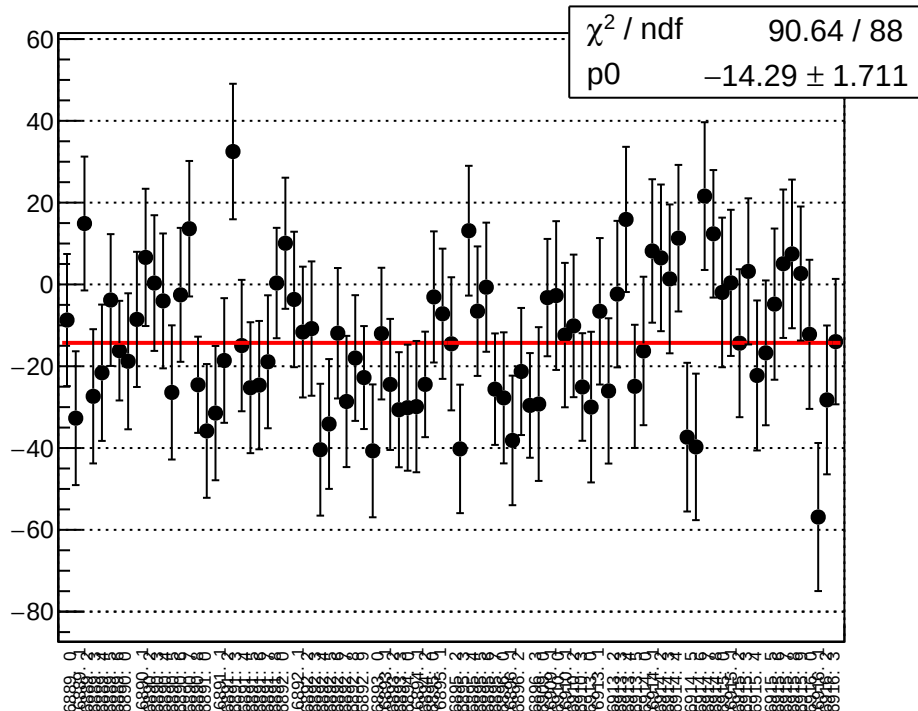
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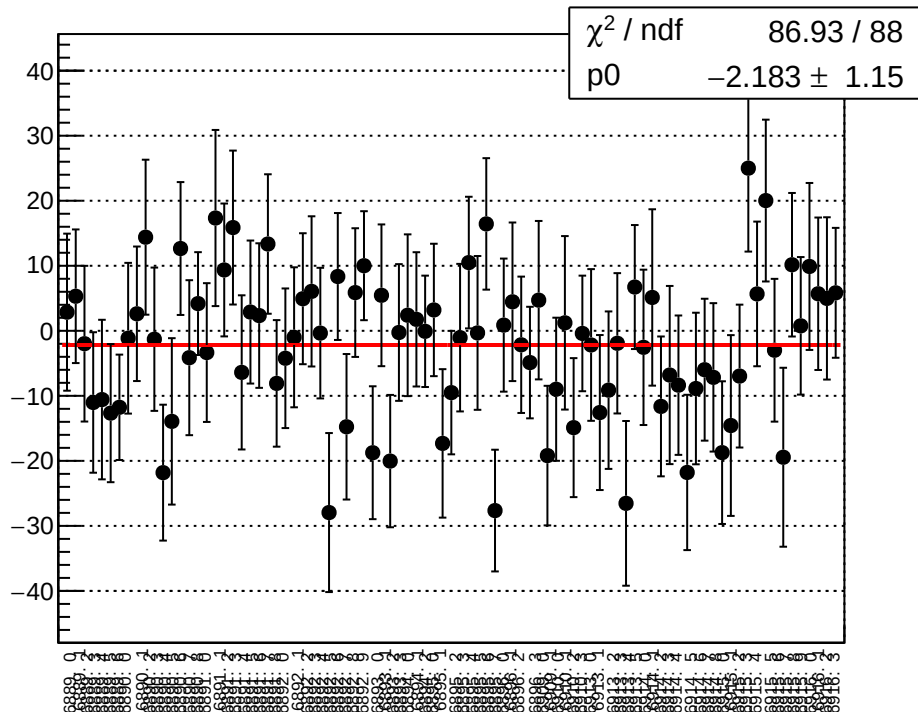
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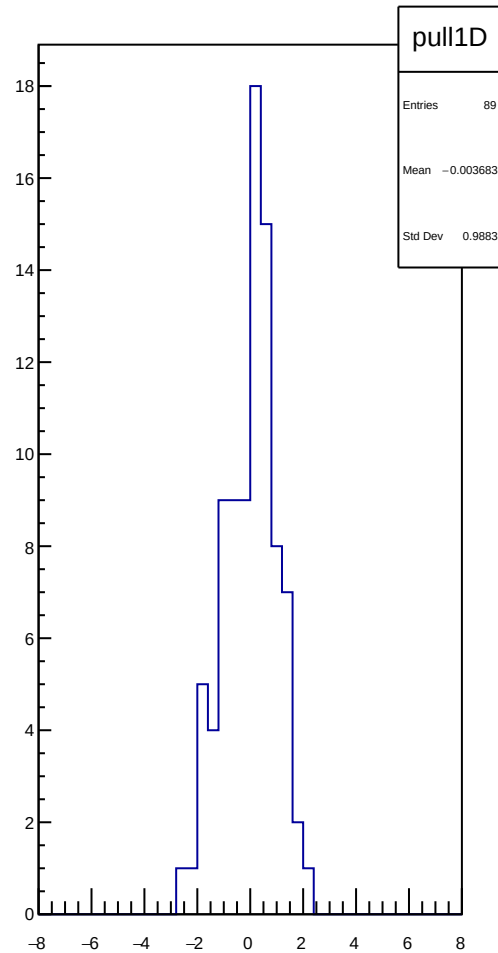
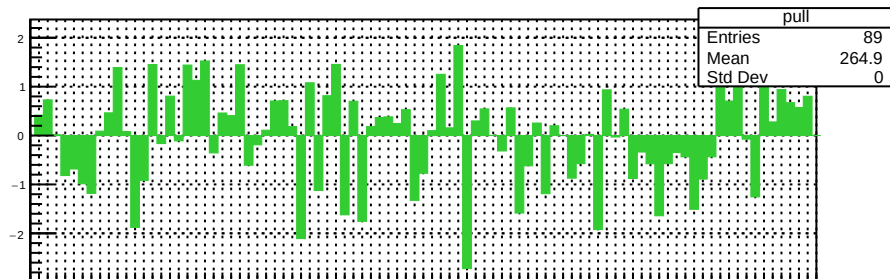
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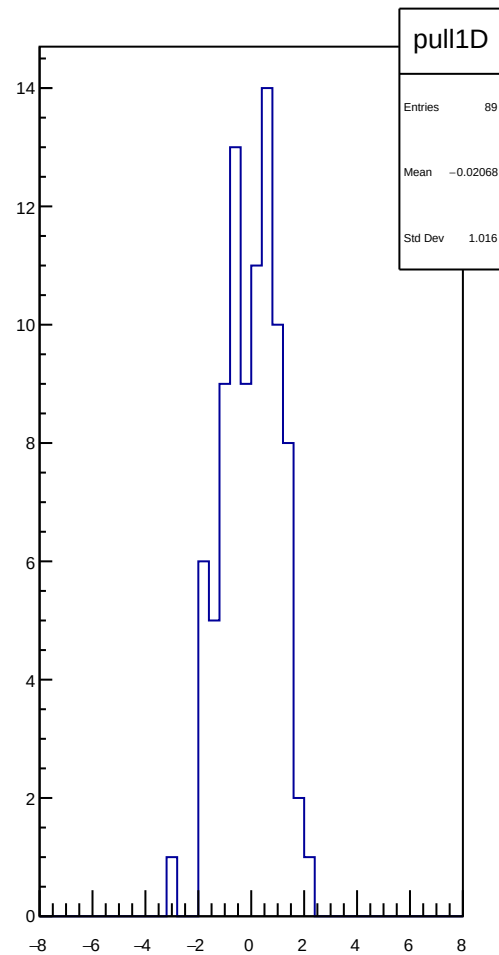
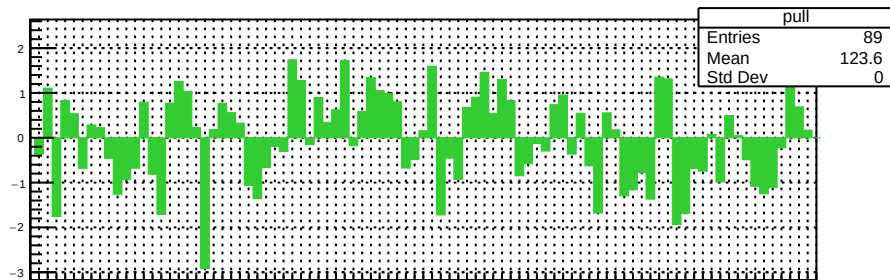
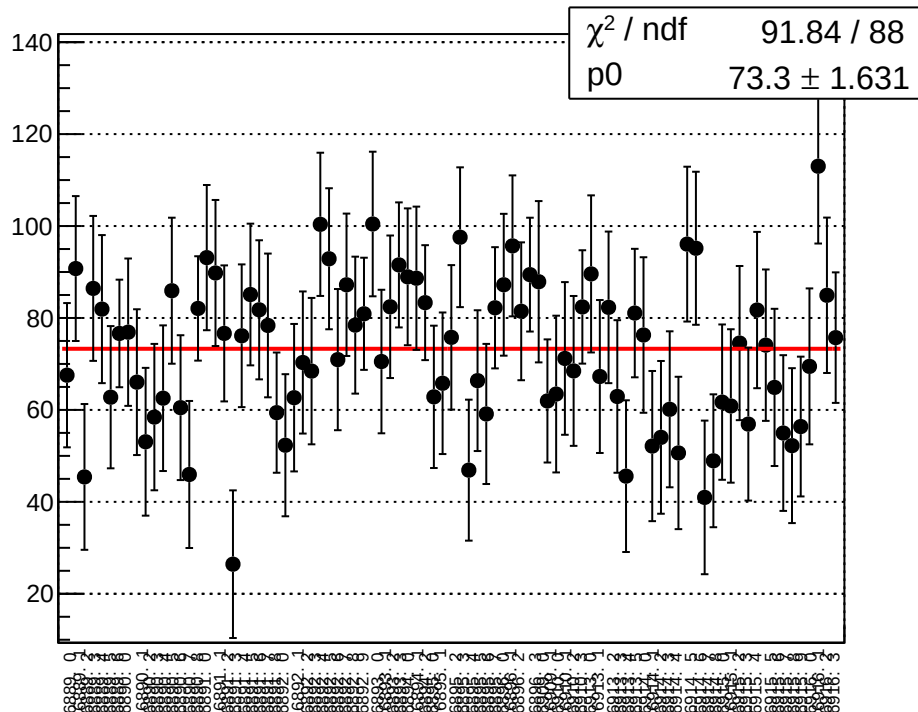
reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs run



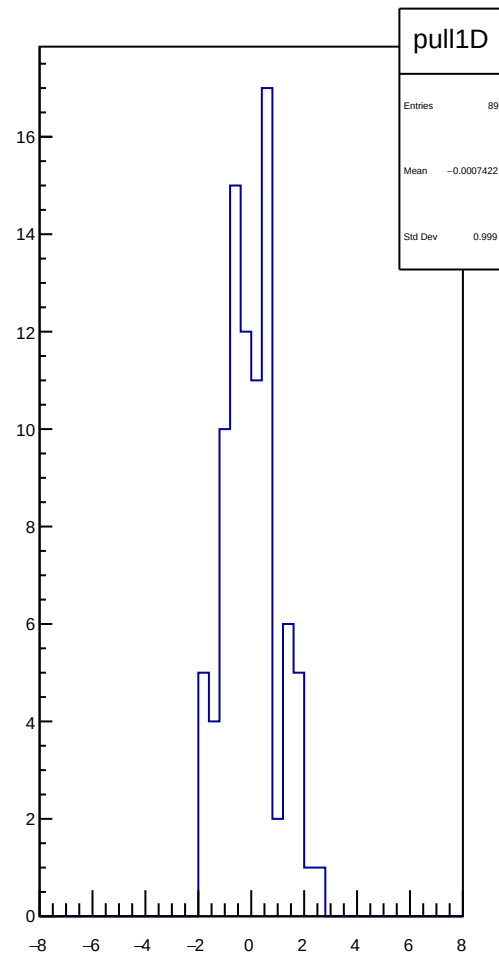
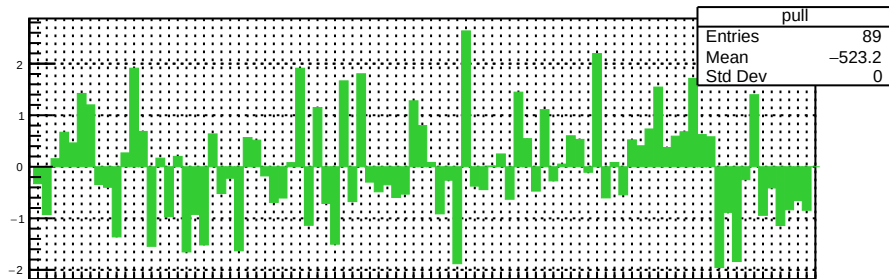
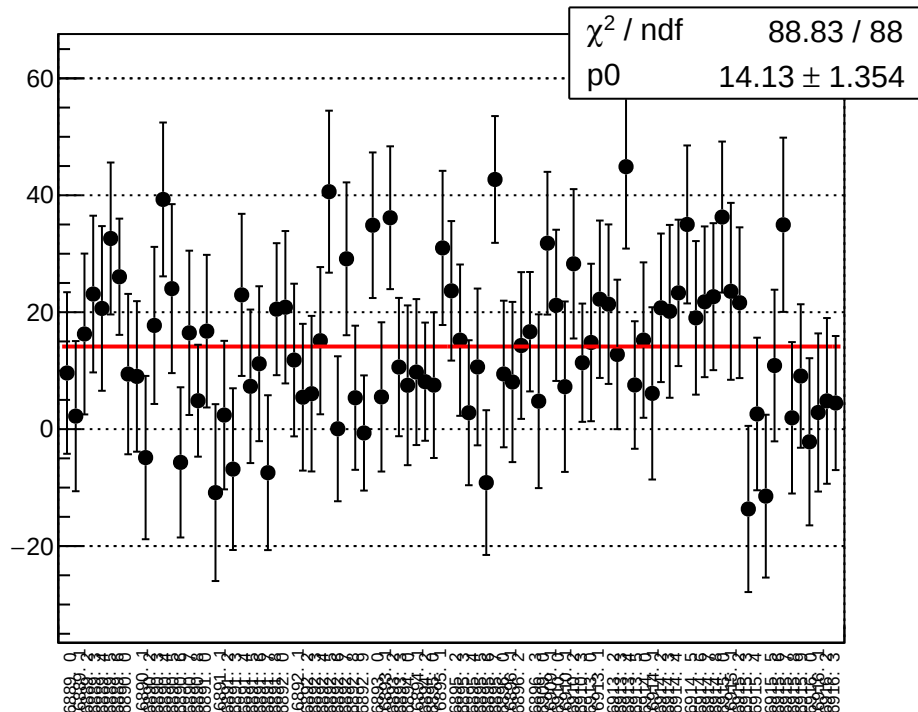
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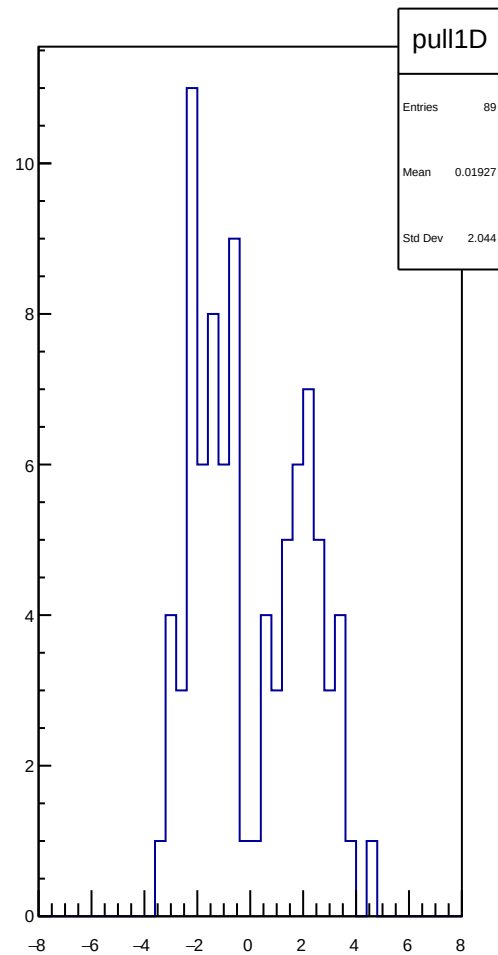
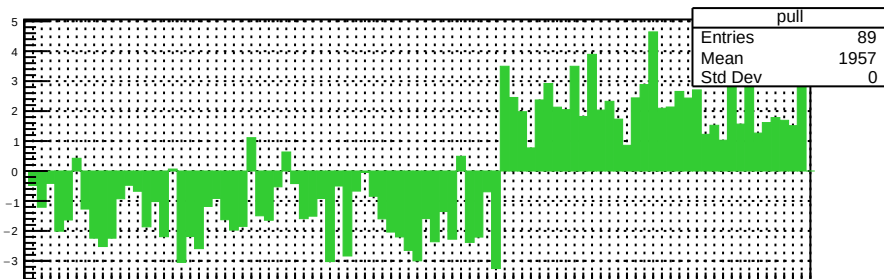
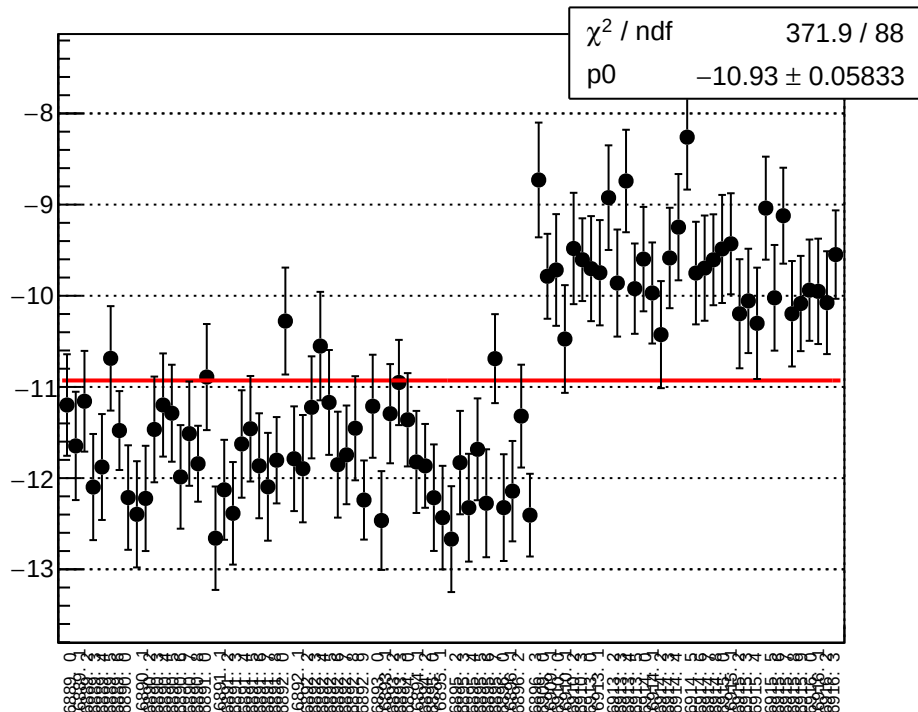
reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs run



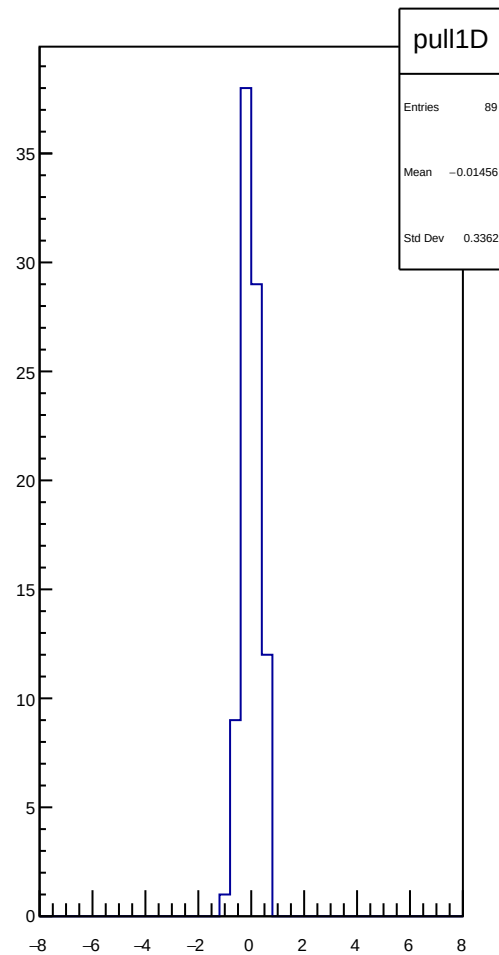
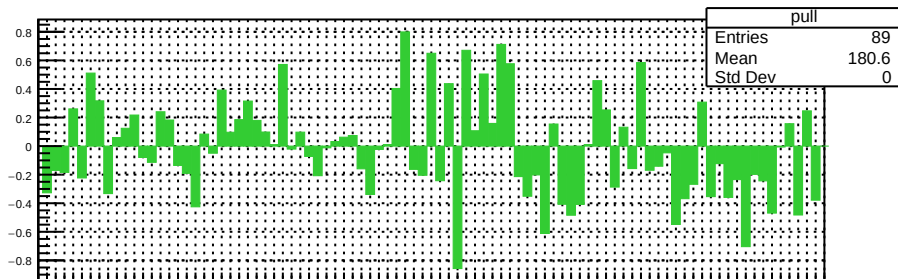
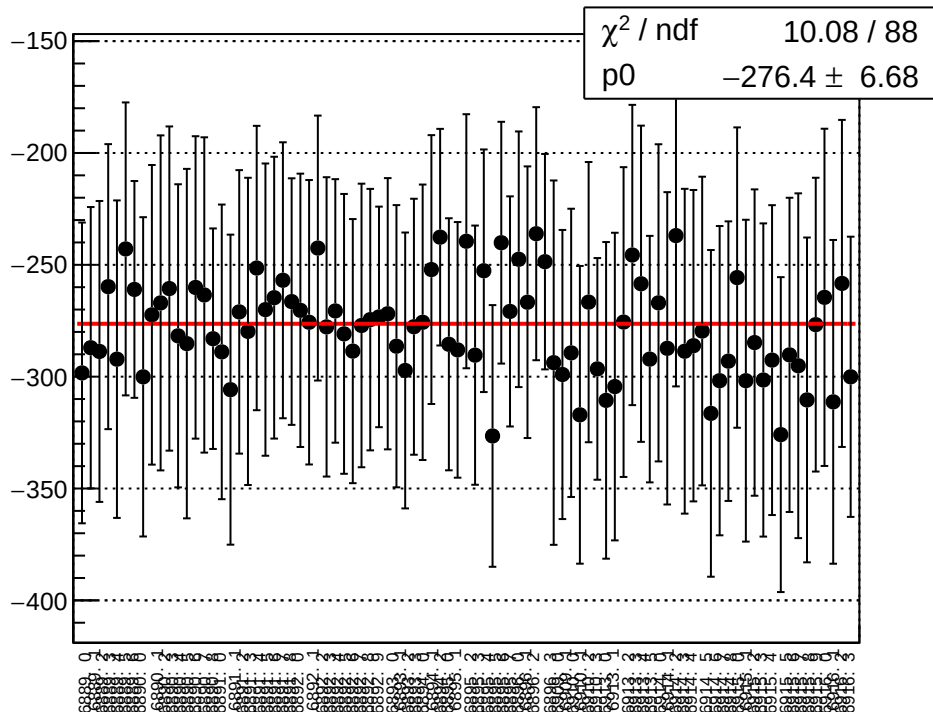
reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs run



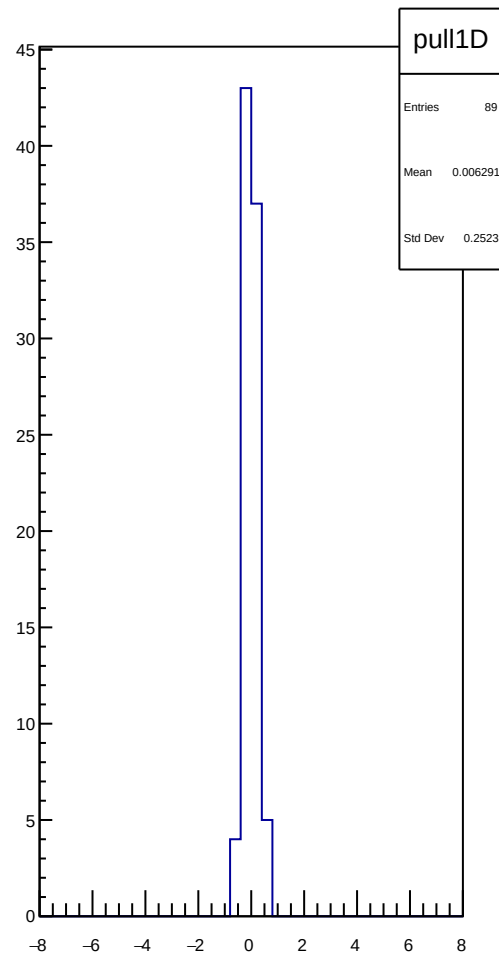
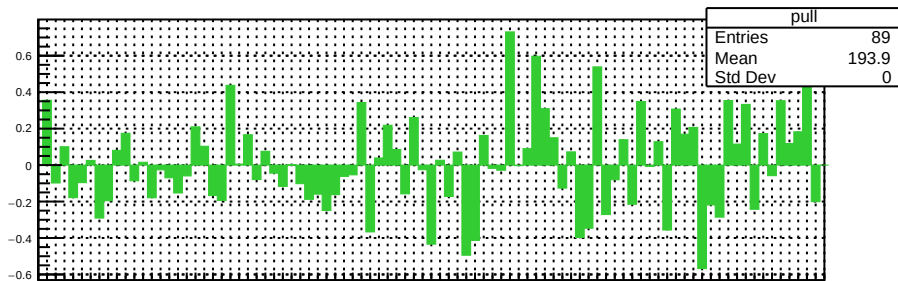
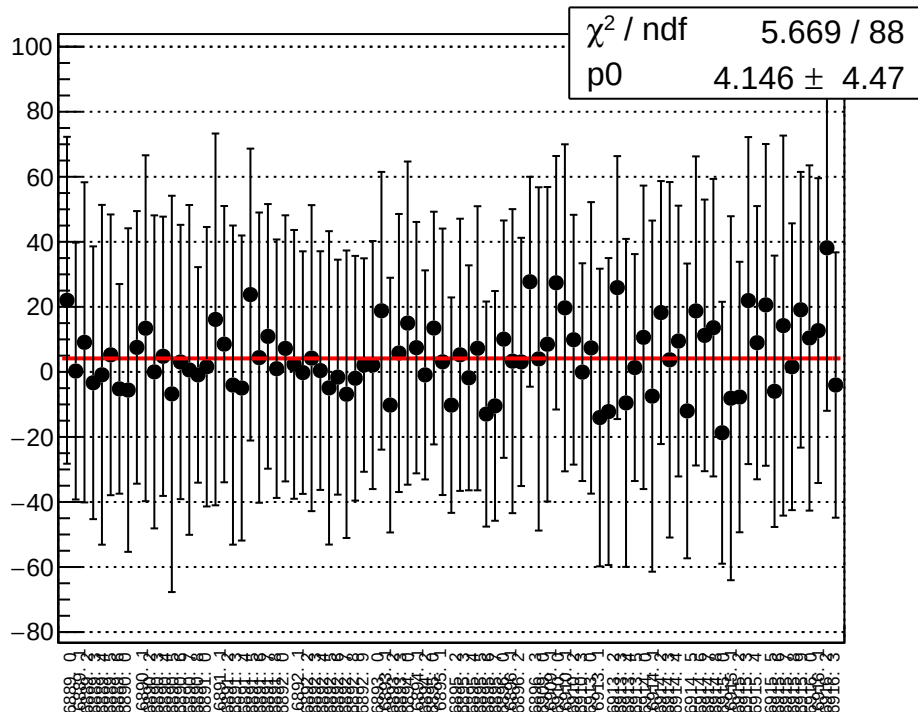
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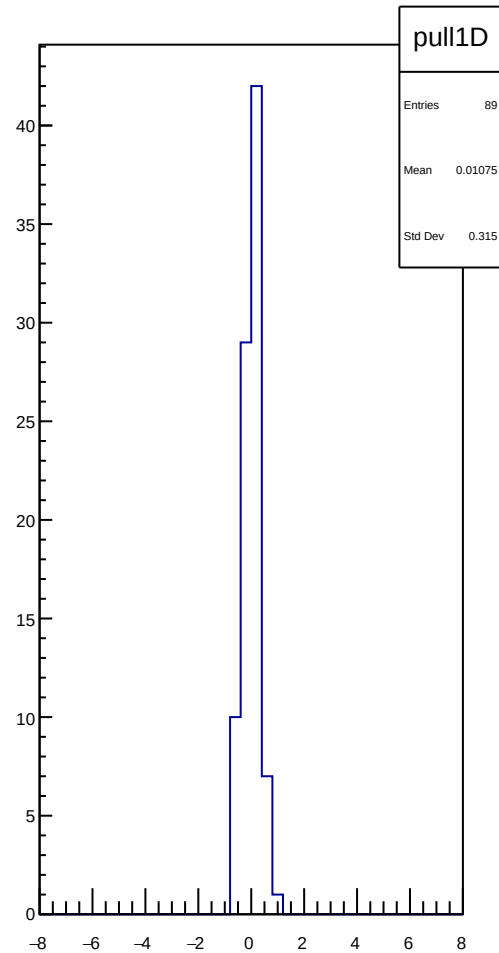
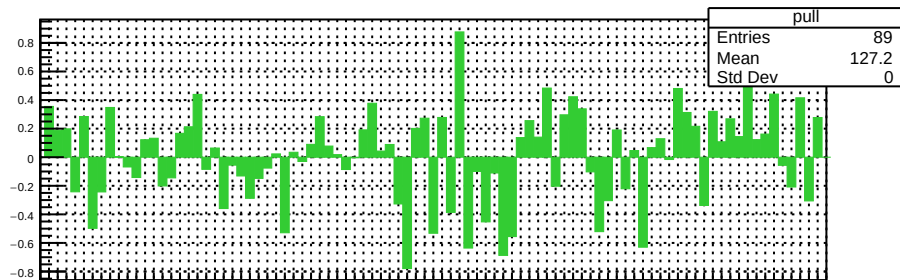
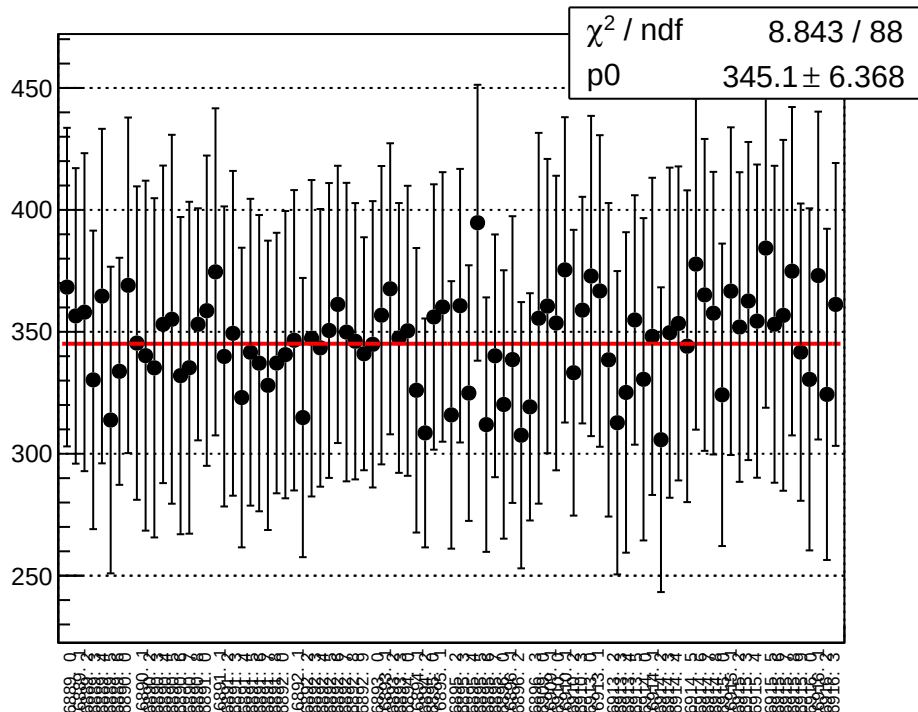
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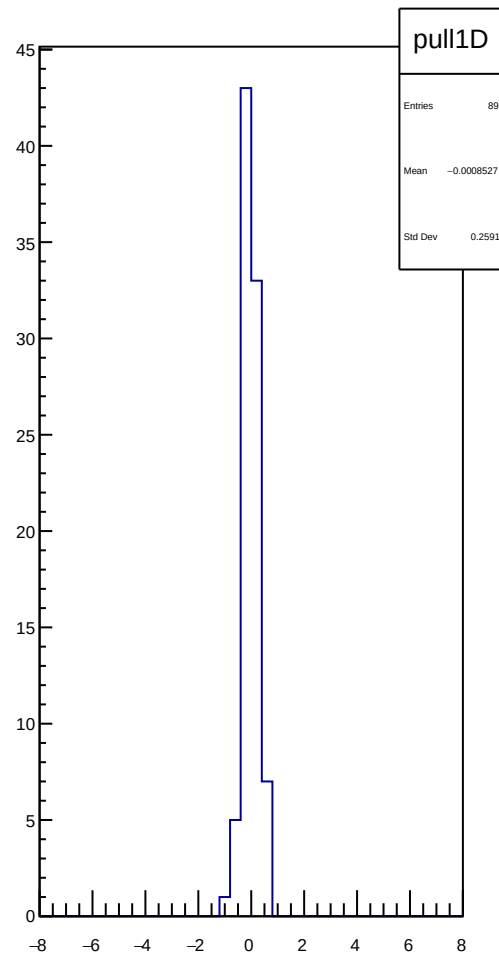
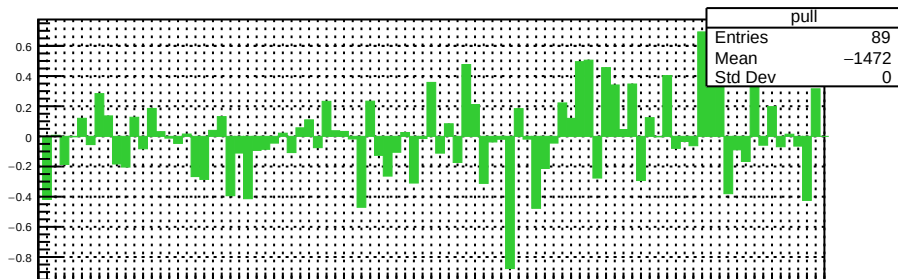
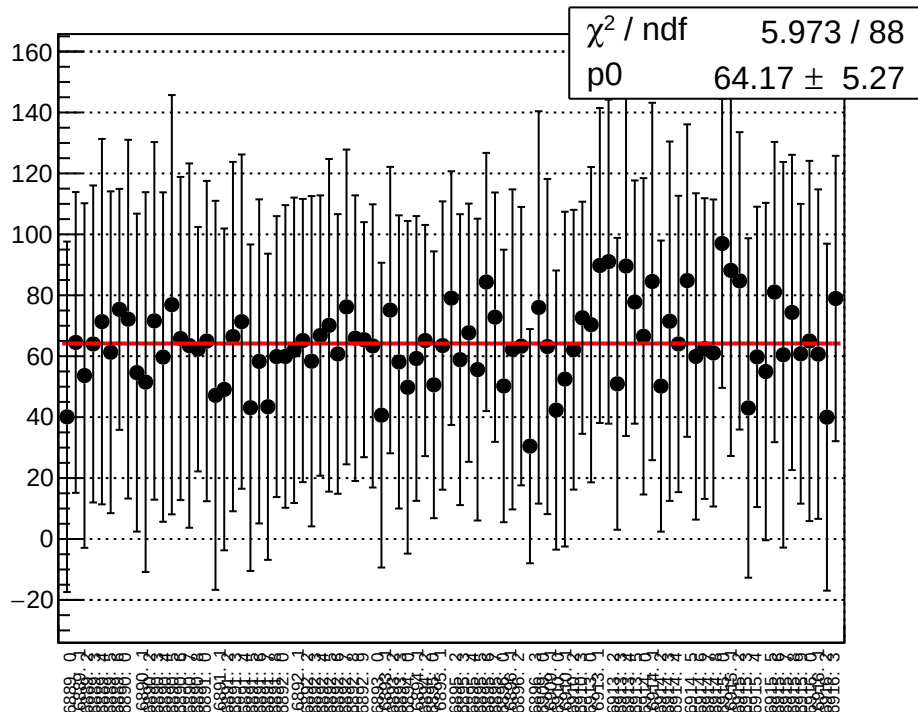
reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs run



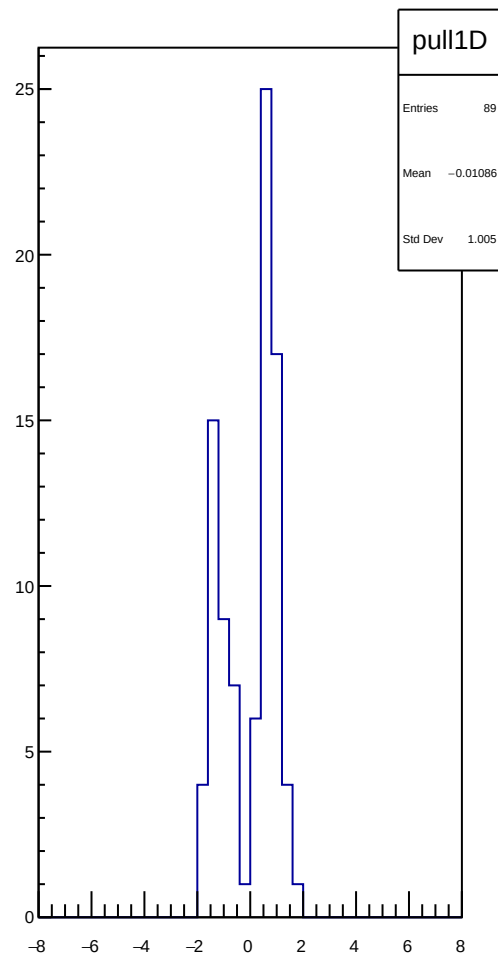
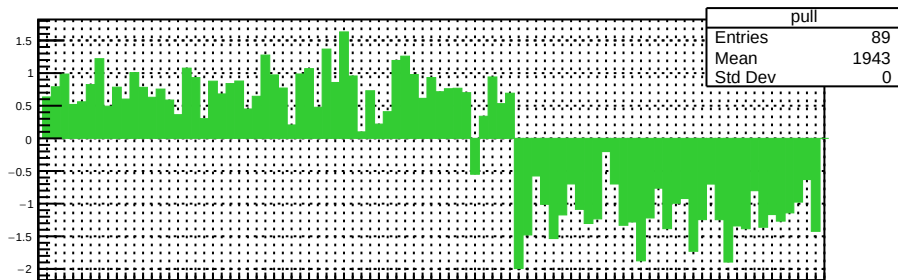
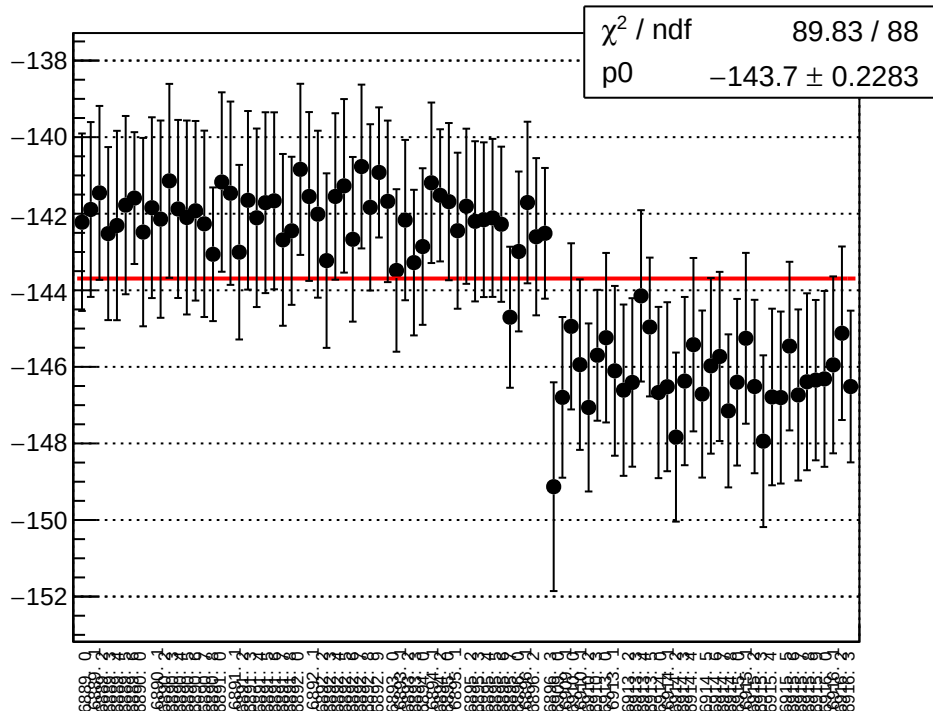
reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs run



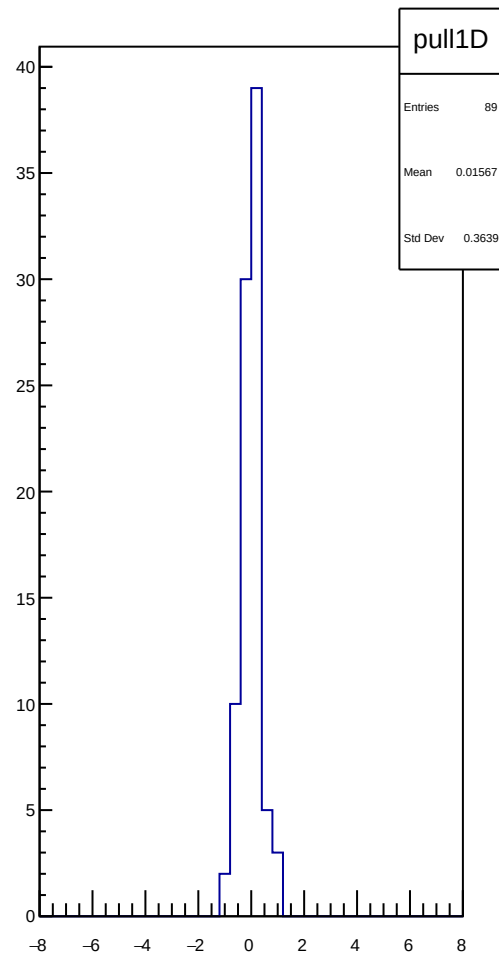
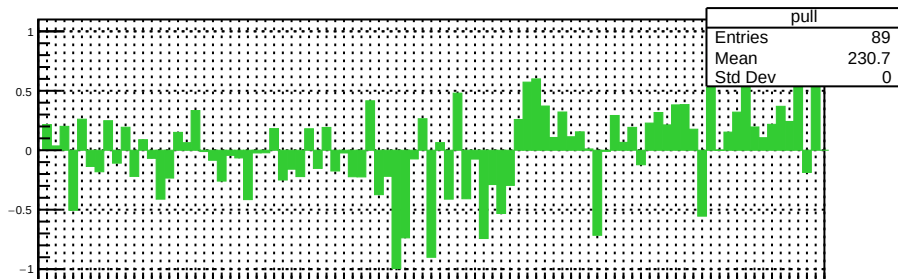
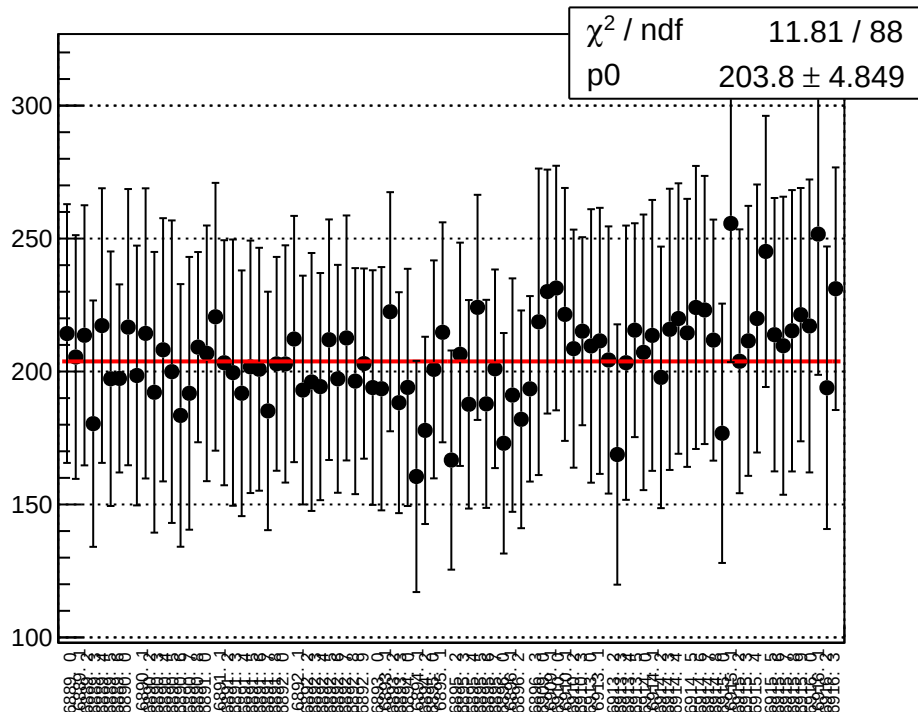
reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs run



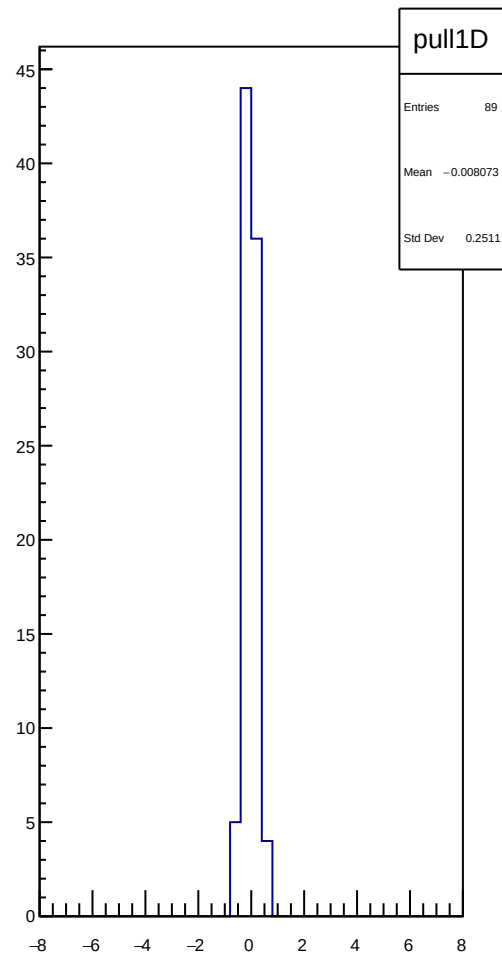
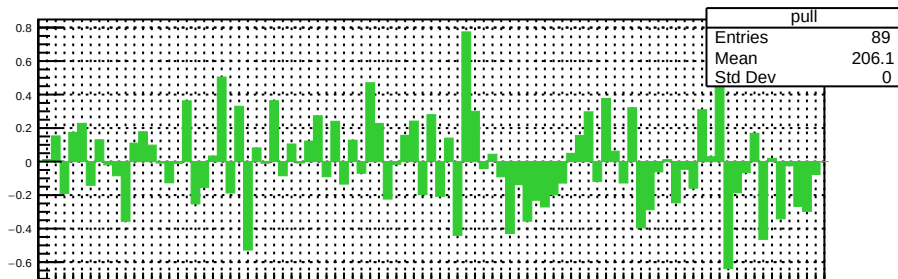
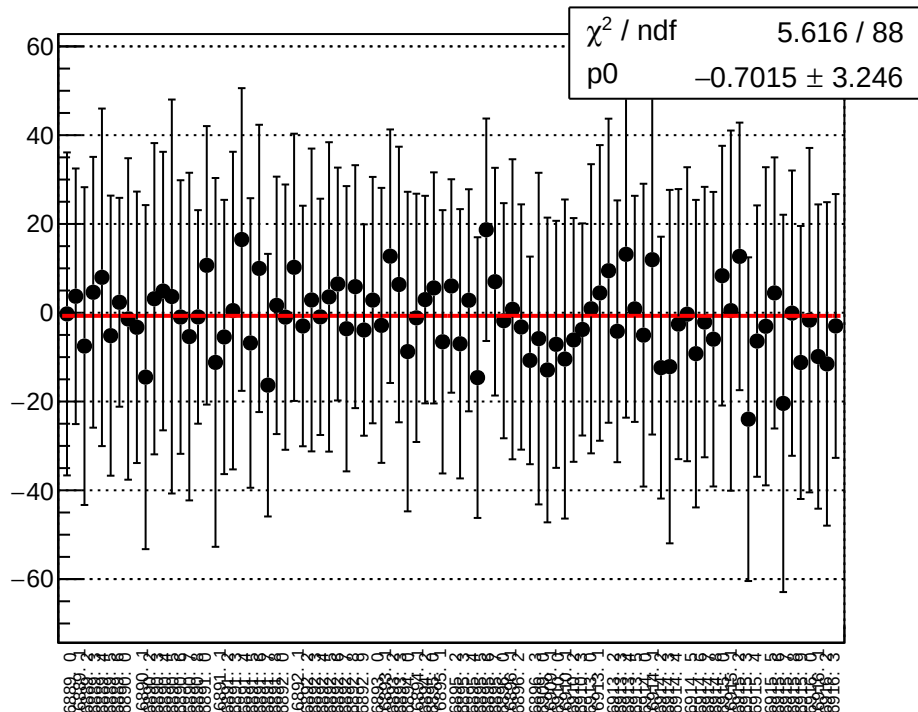
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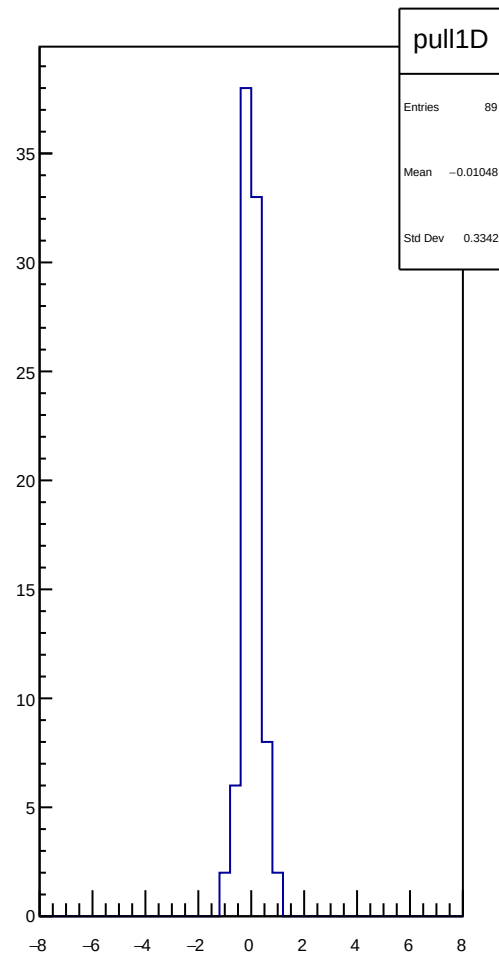
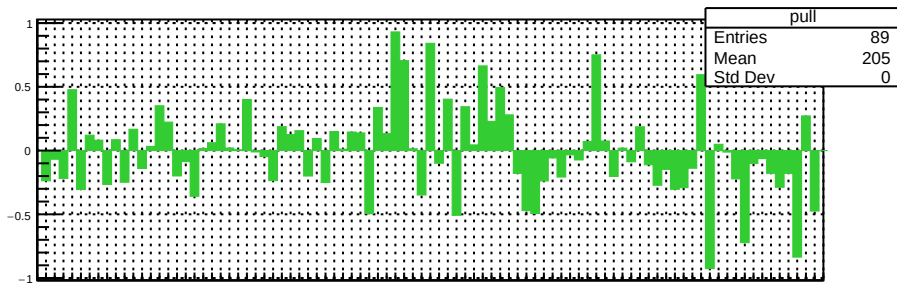
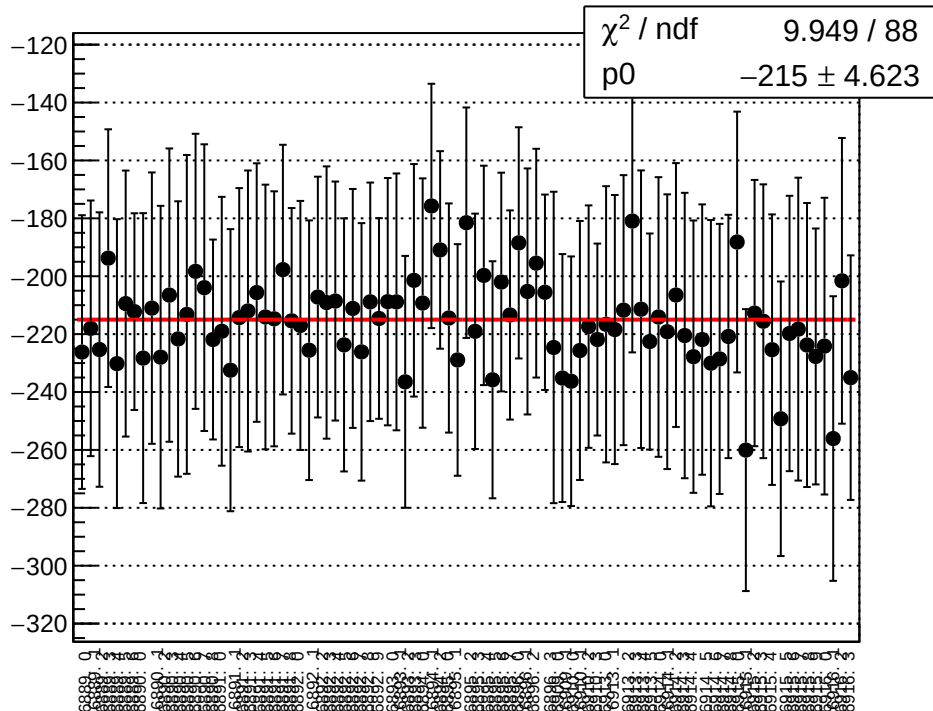
reg_asym_usr_atr2_dd_diff_bpm1X_slope vs run



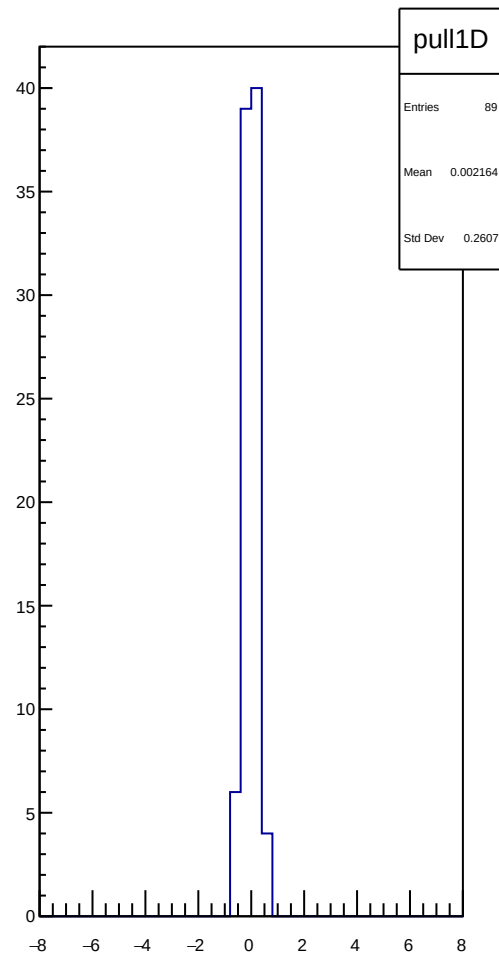
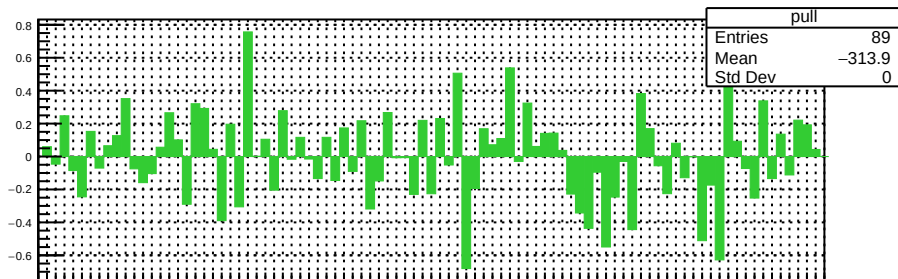
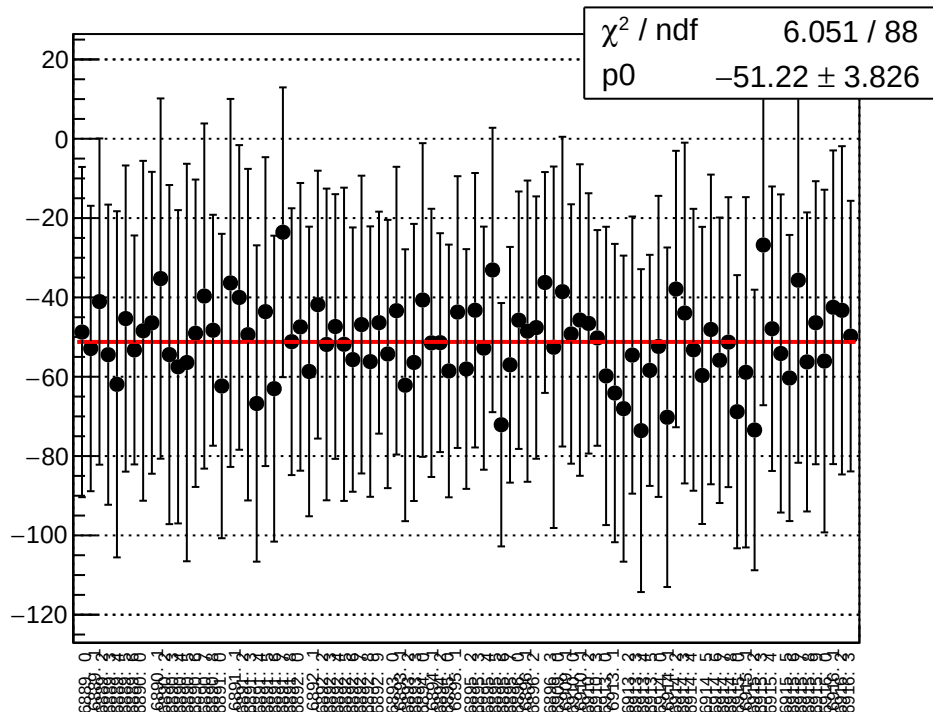
reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs run



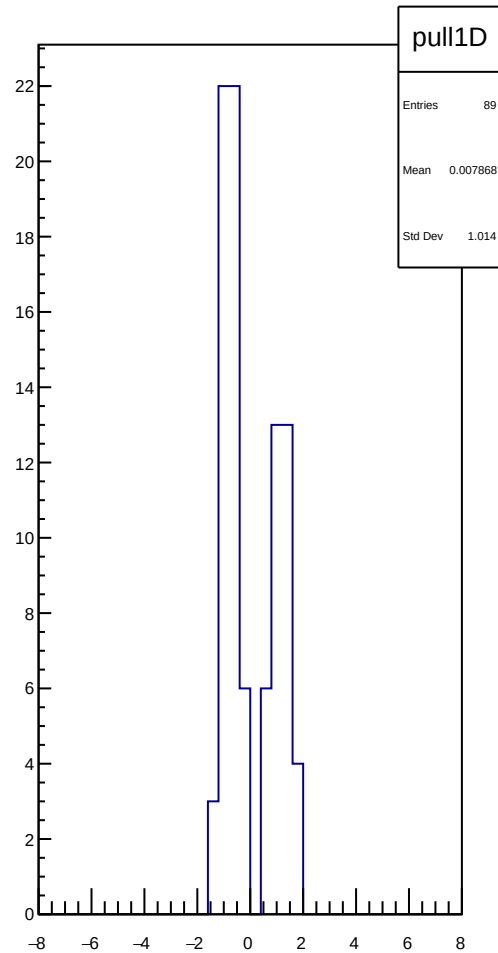
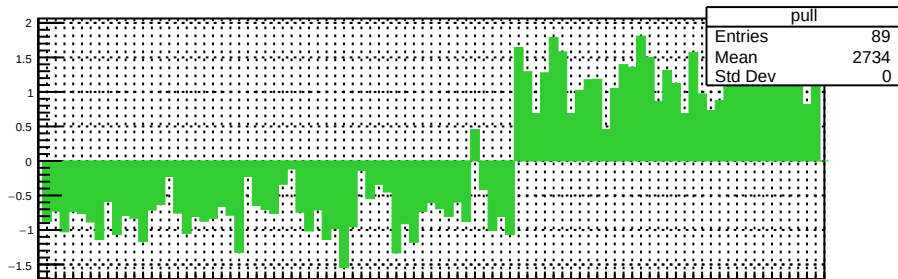
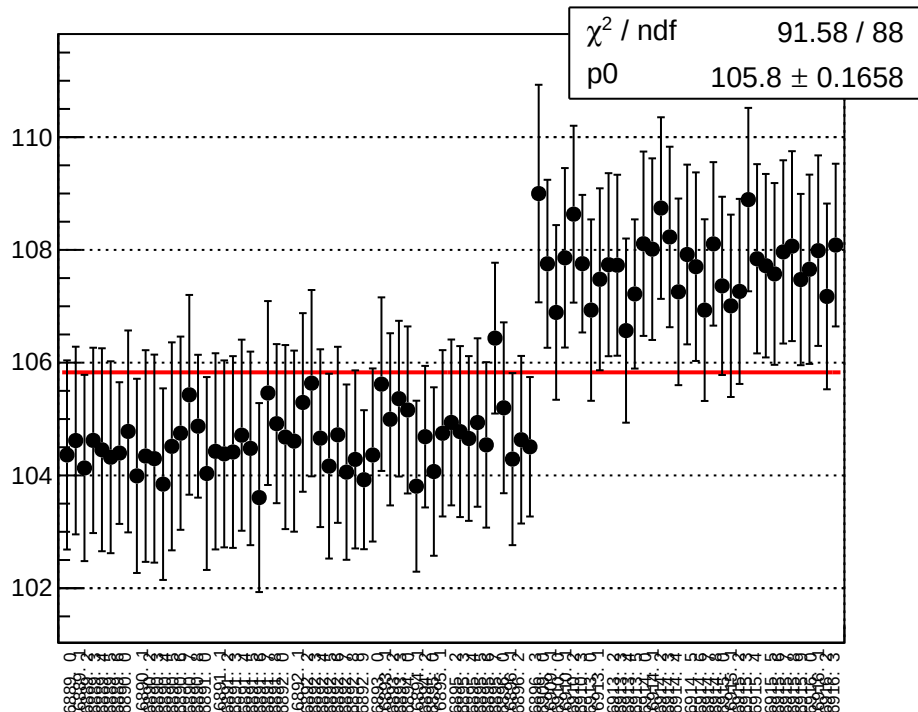
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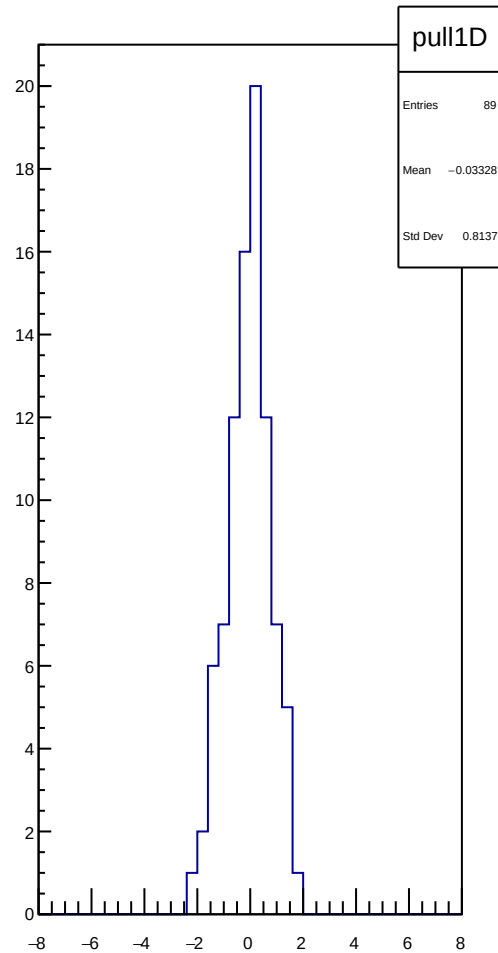
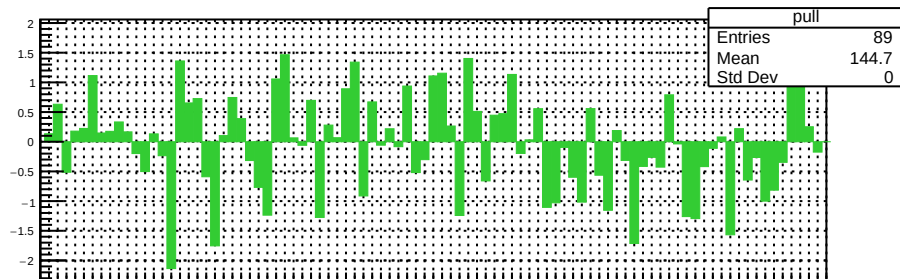
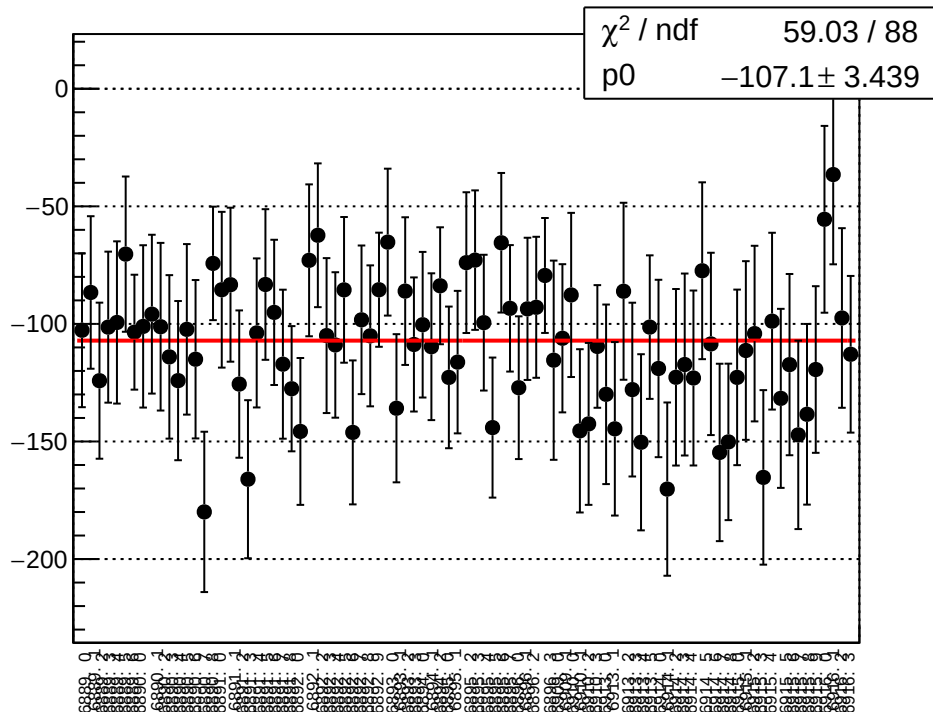
reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs run



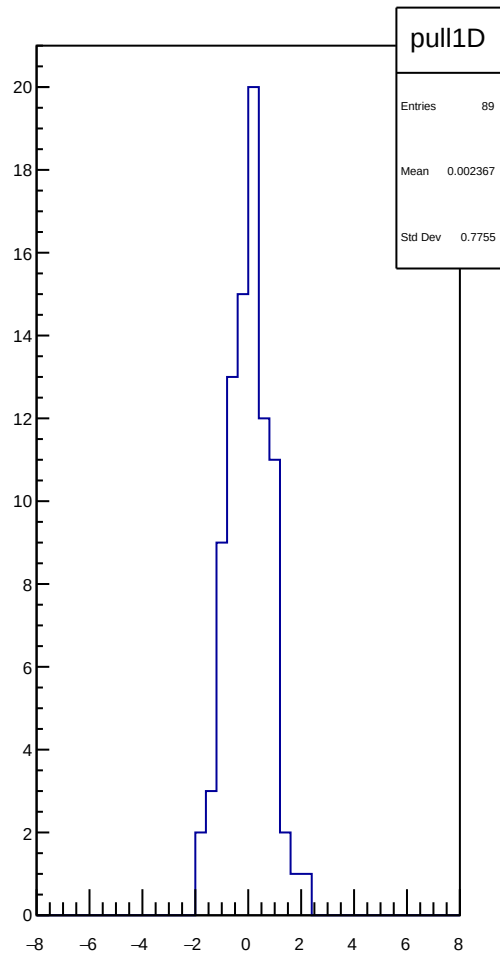
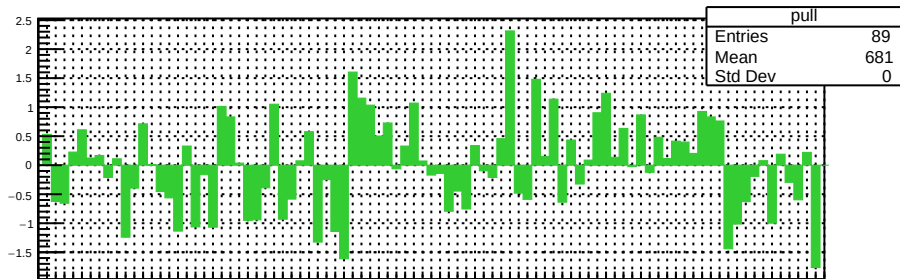
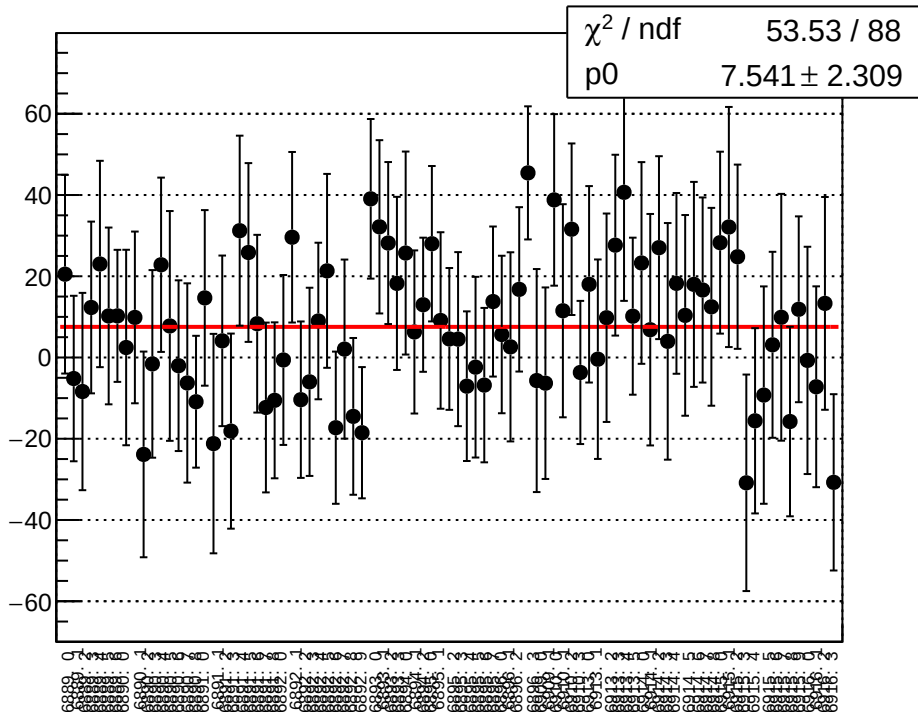
reg_asym_usr_atr2_dd_diff_bpm12X_slope vs run



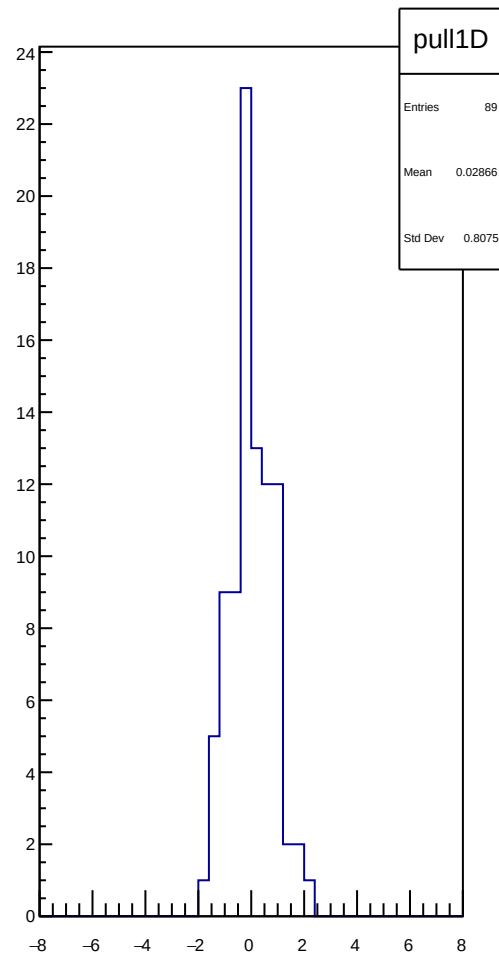
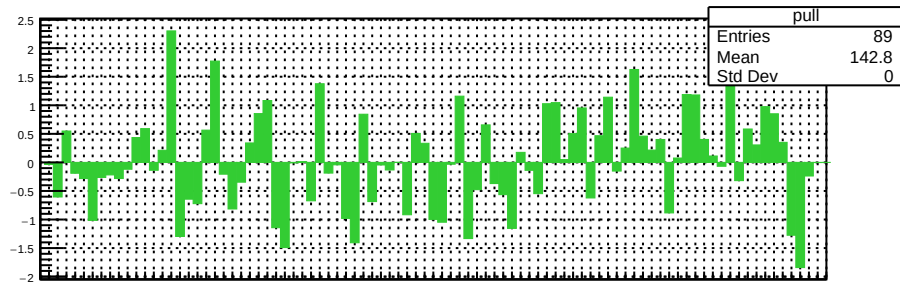
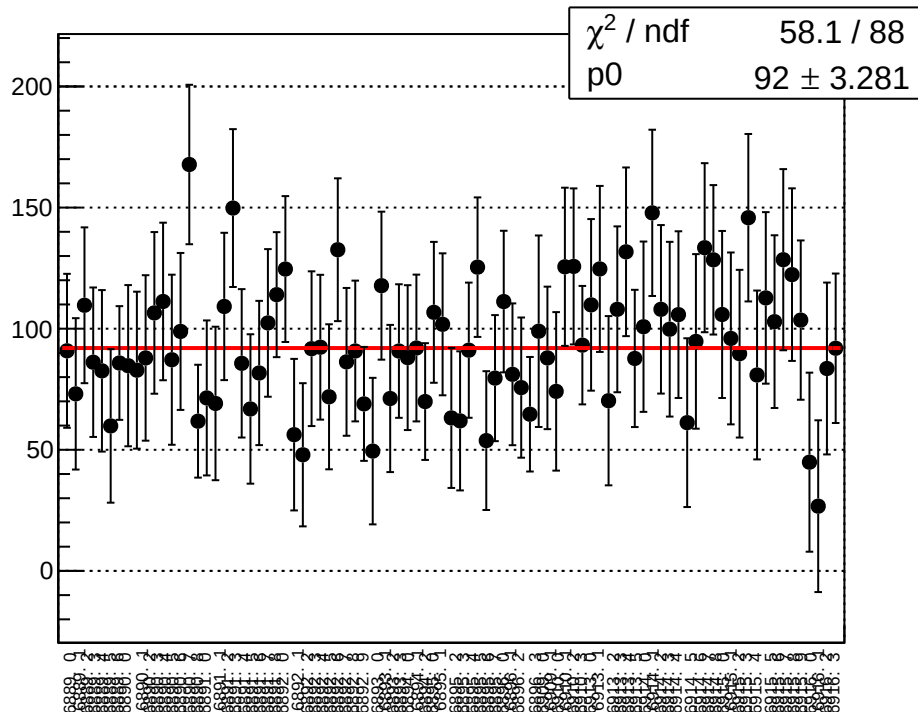
reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs run



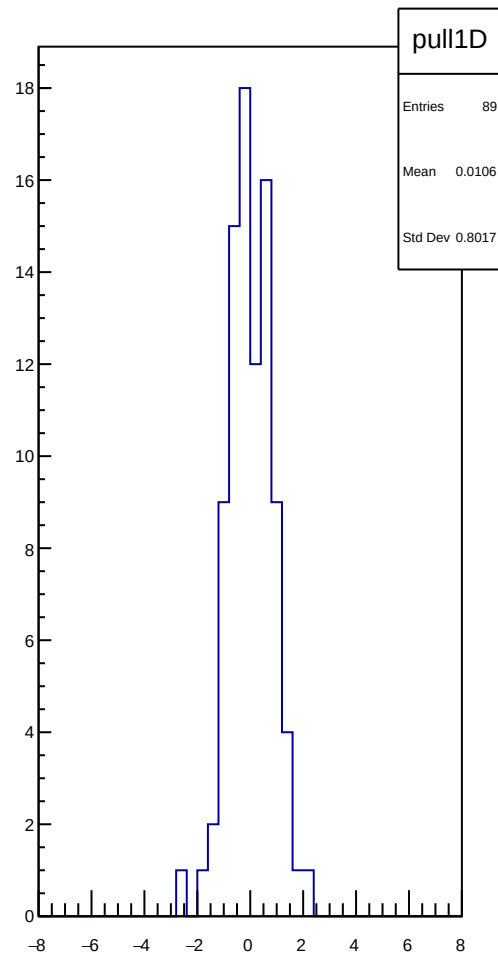
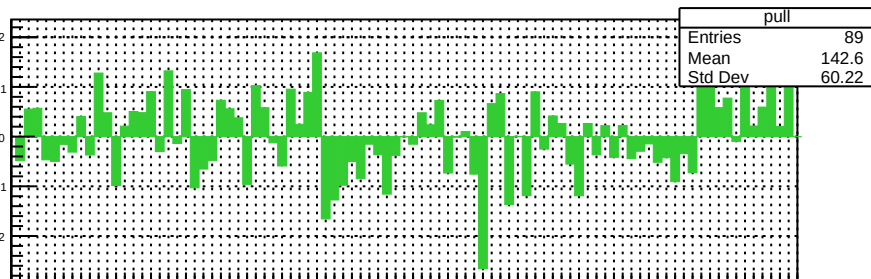
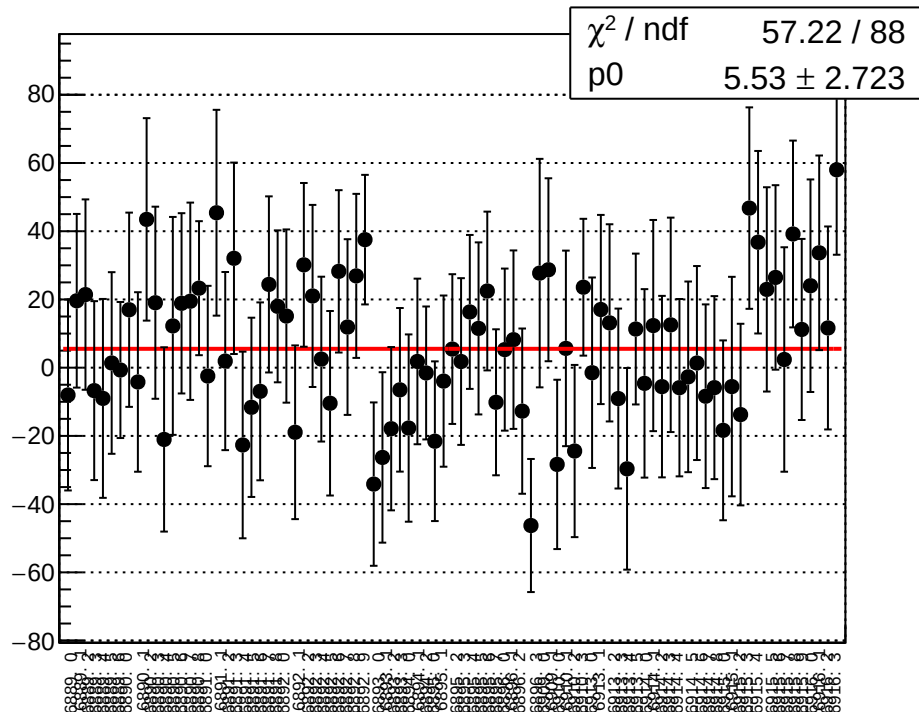
reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs run



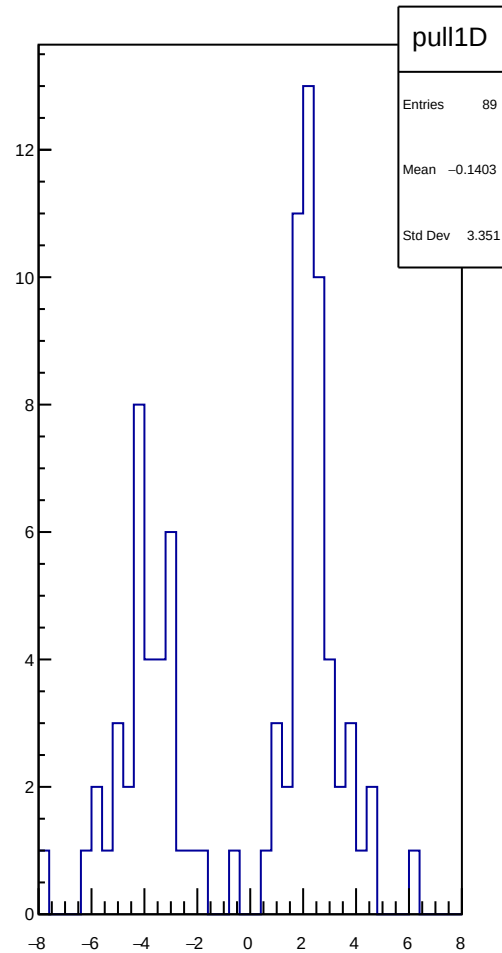
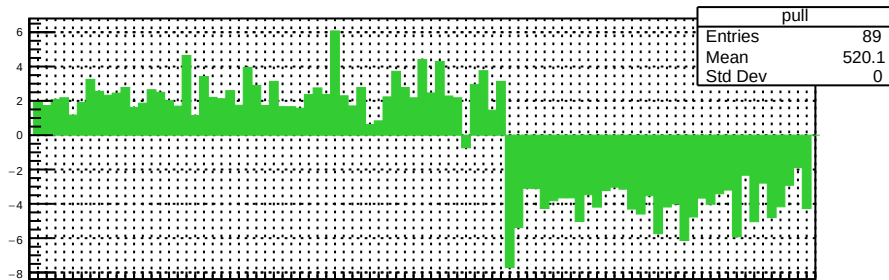
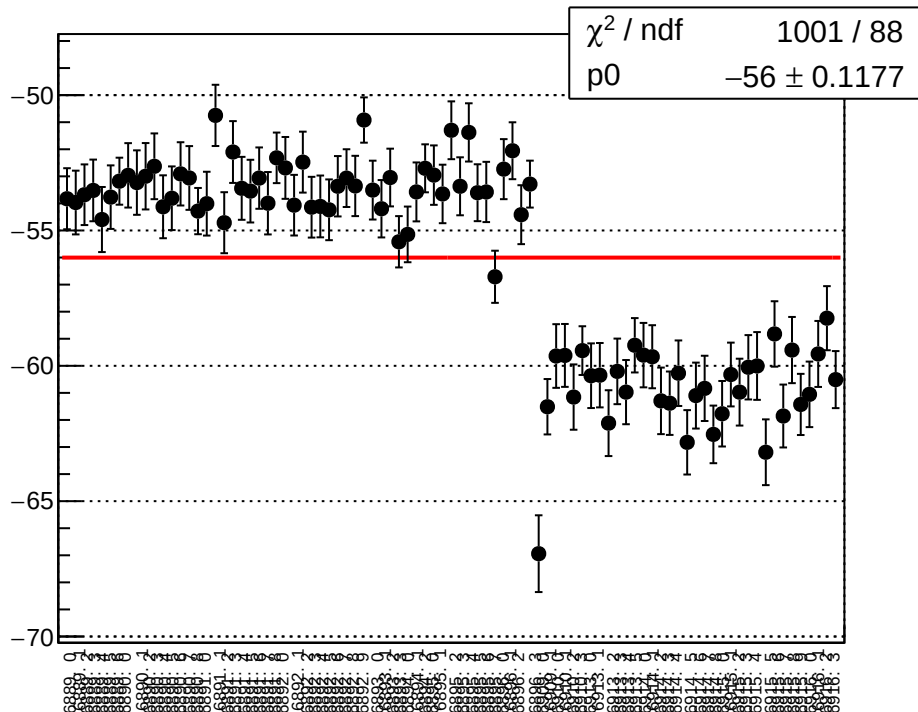
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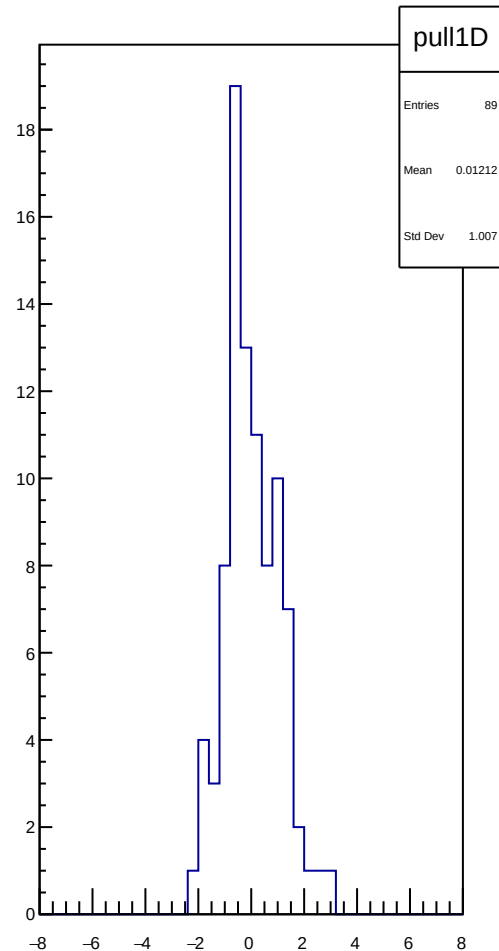
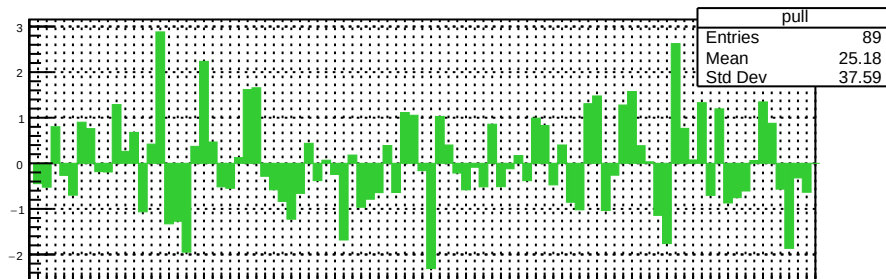
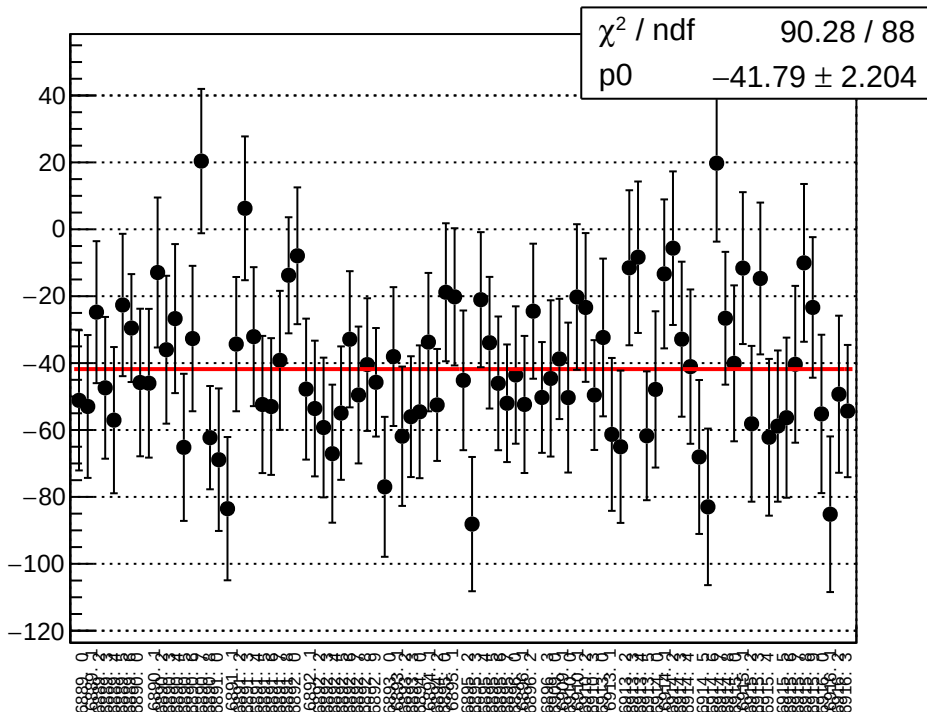
reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs run



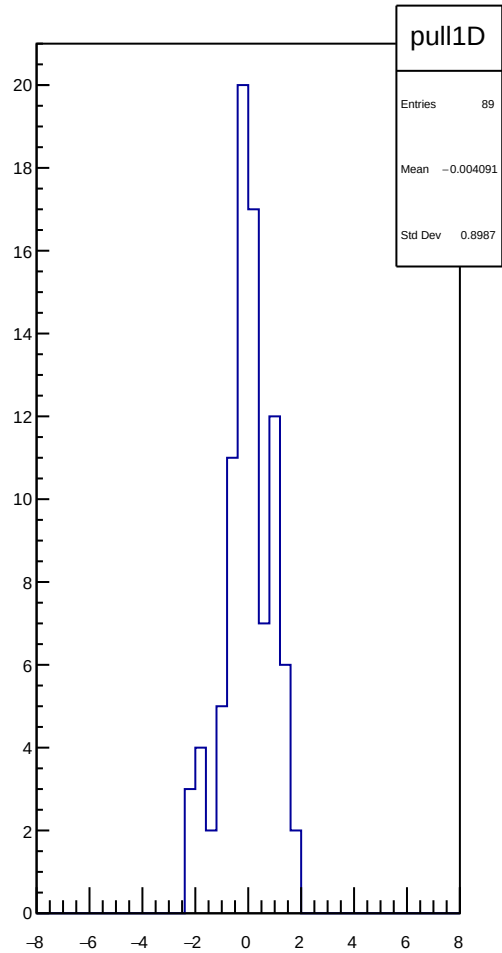
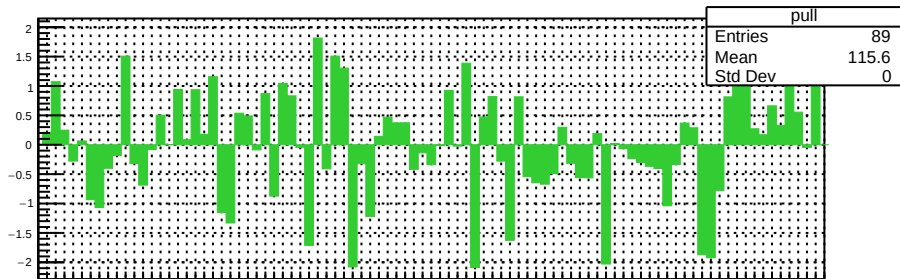
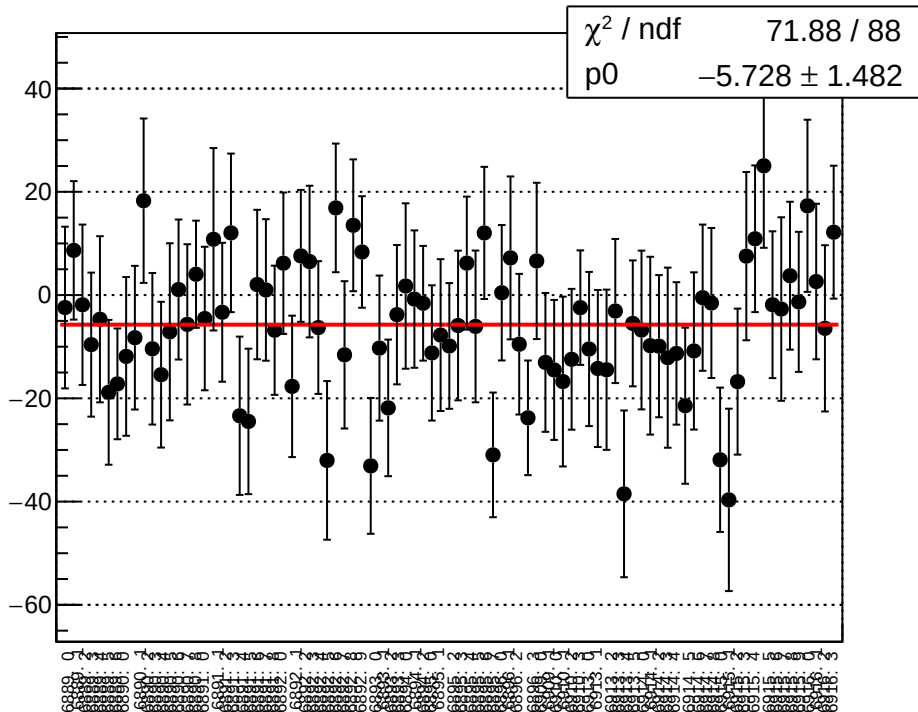
reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs run



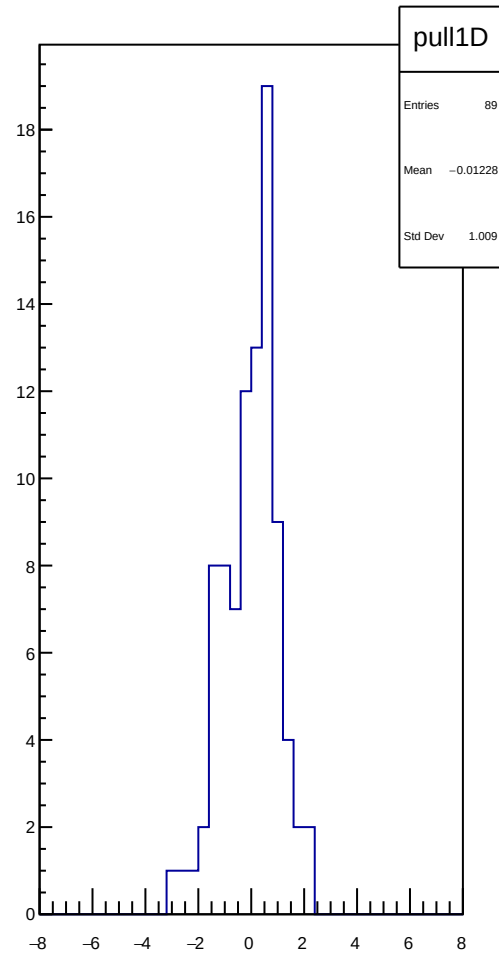
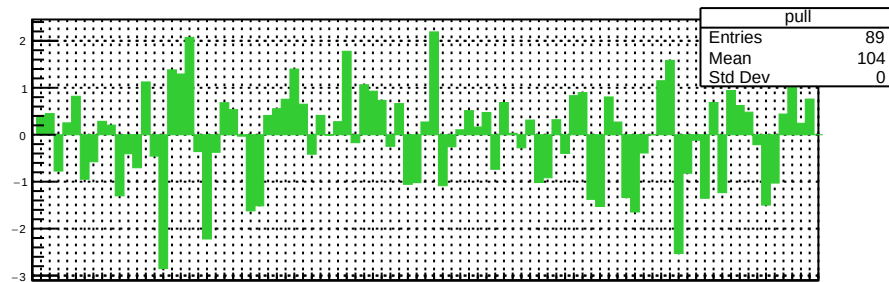
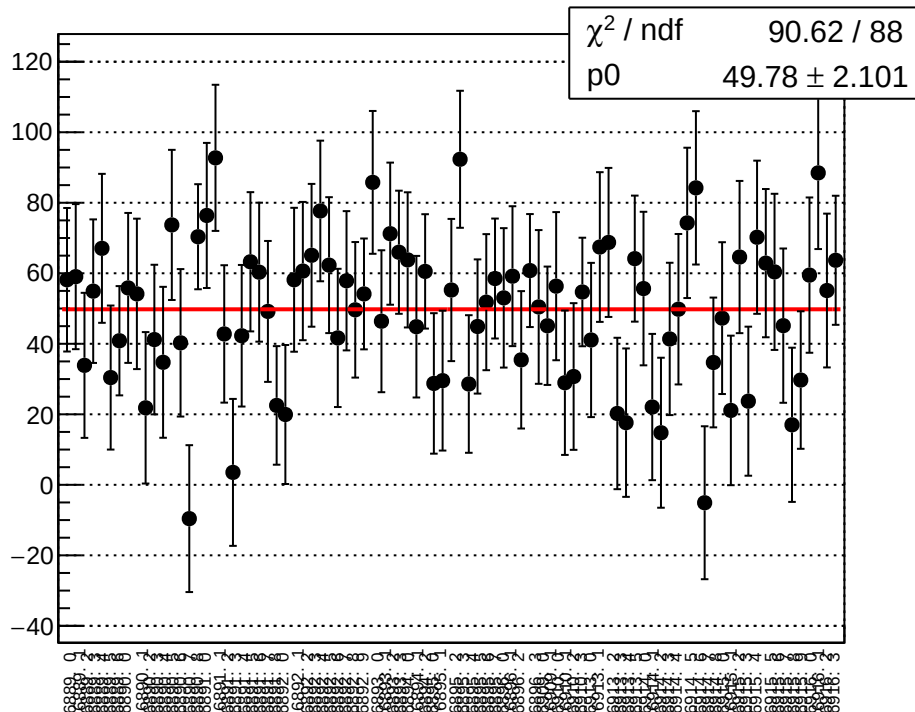
reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs run



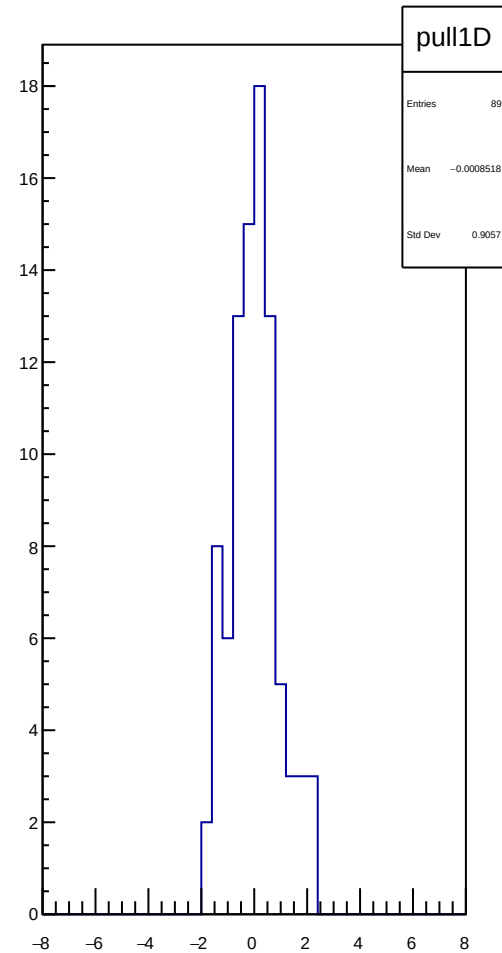
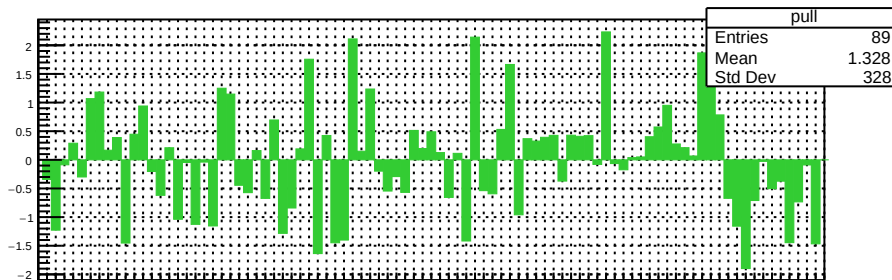
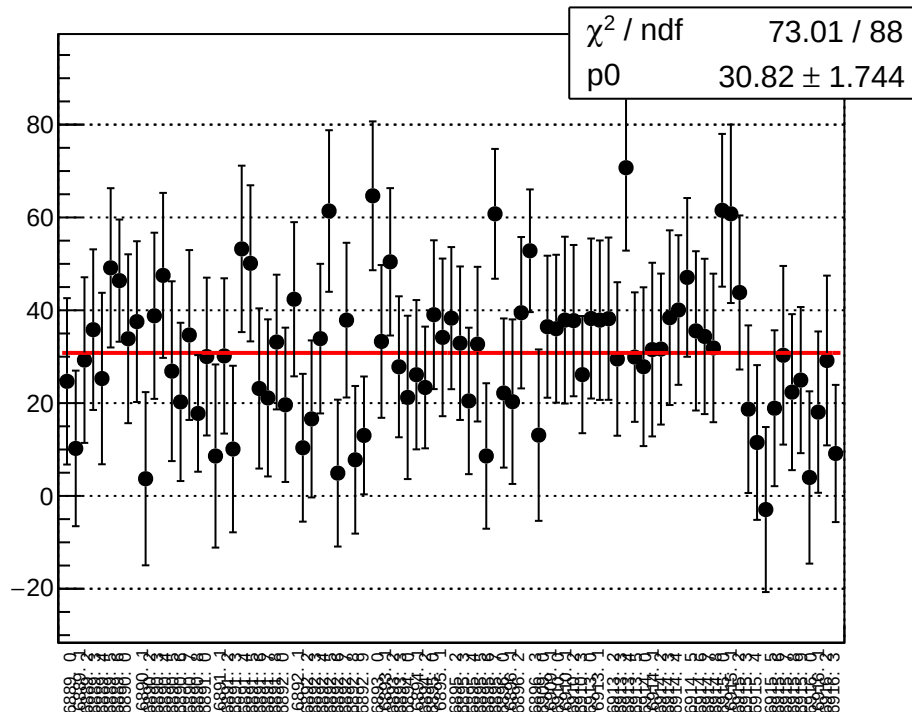
reg asym us avg at1lr avg dd diff bpm4aY slope vs run



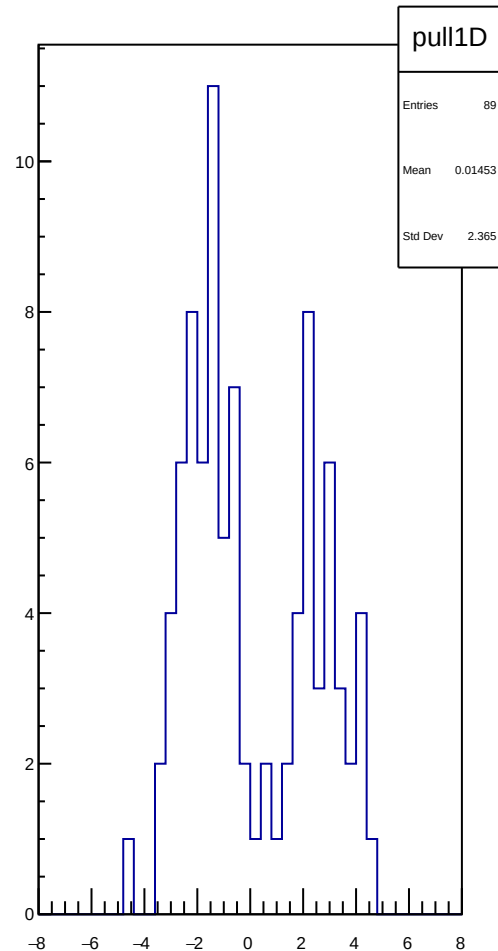
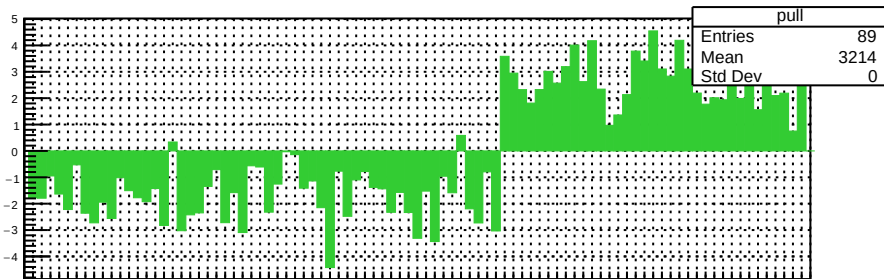
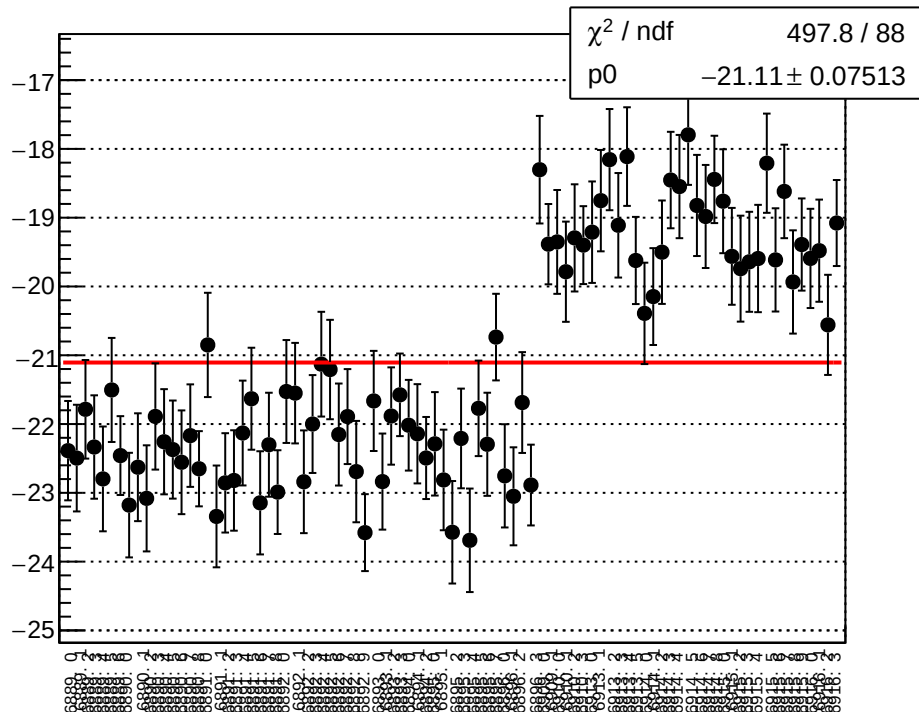
reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs run



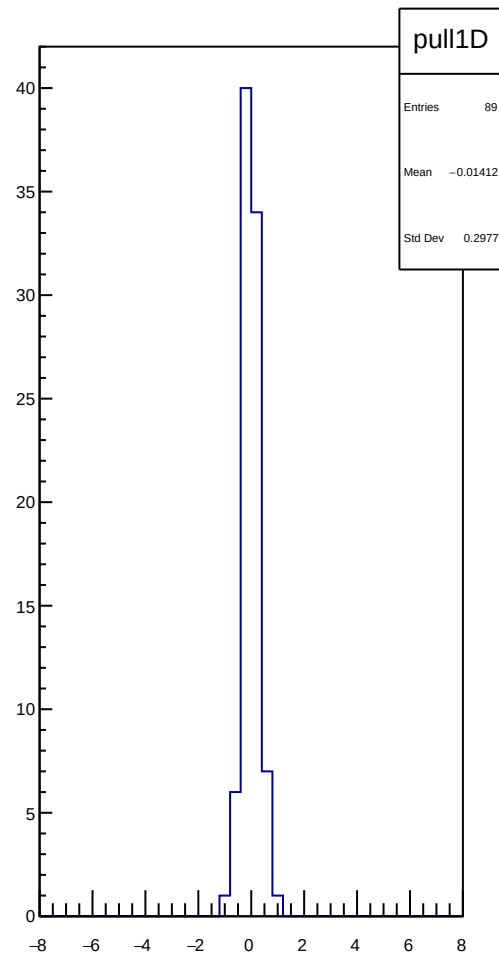
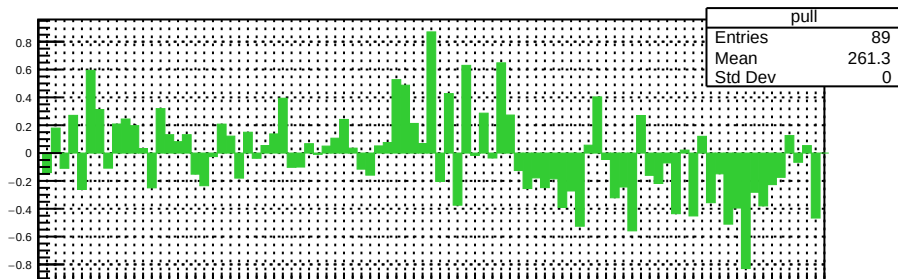
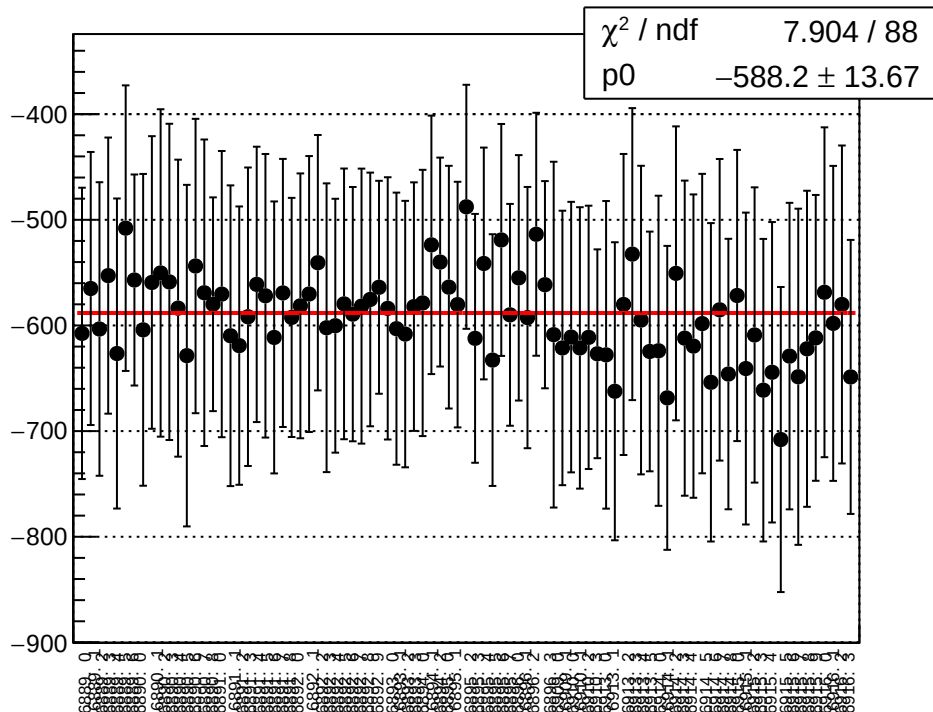
reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs run



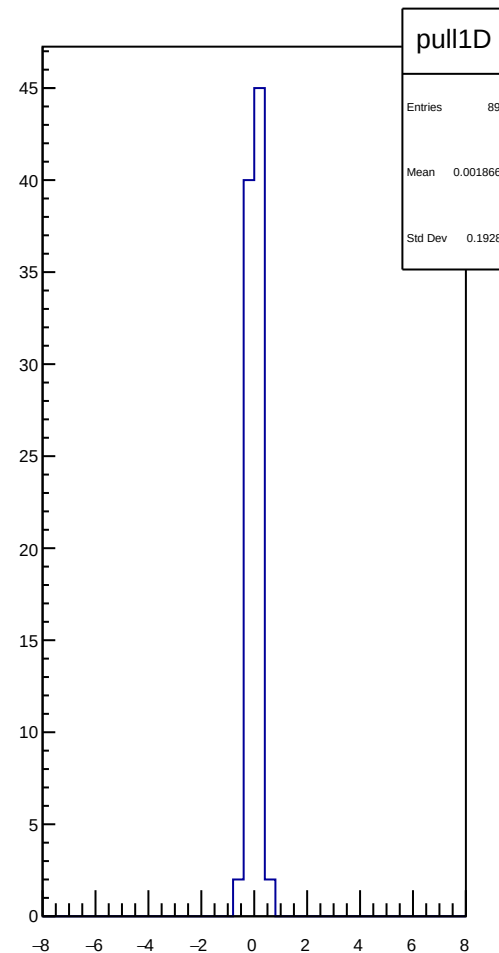
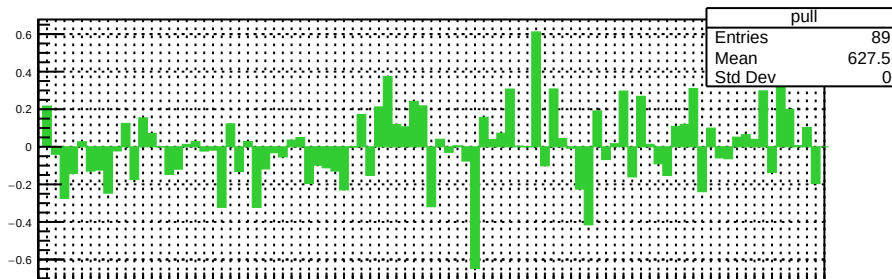
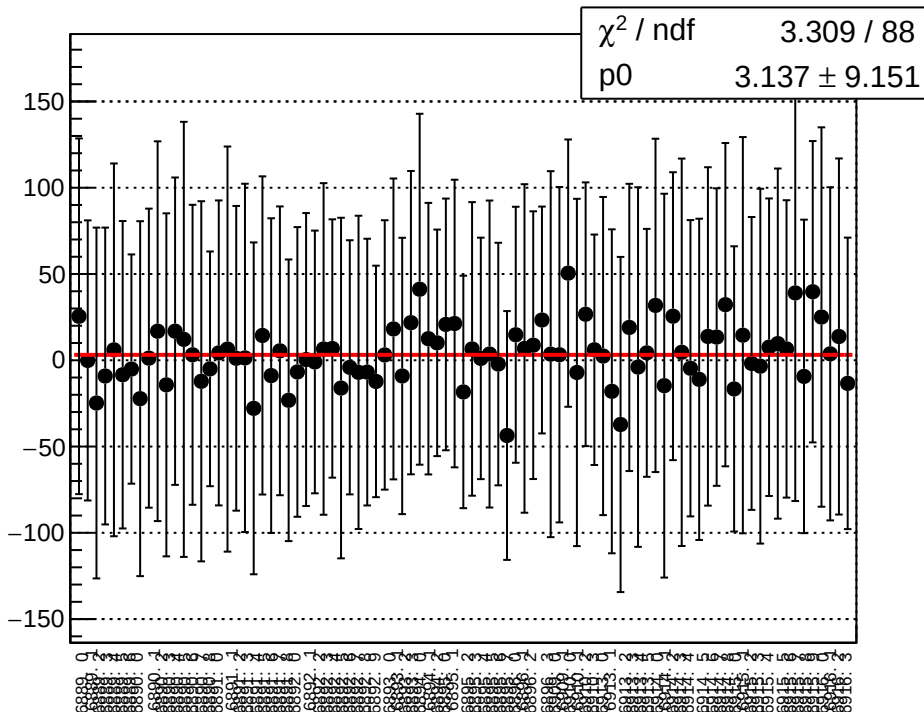
reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs run



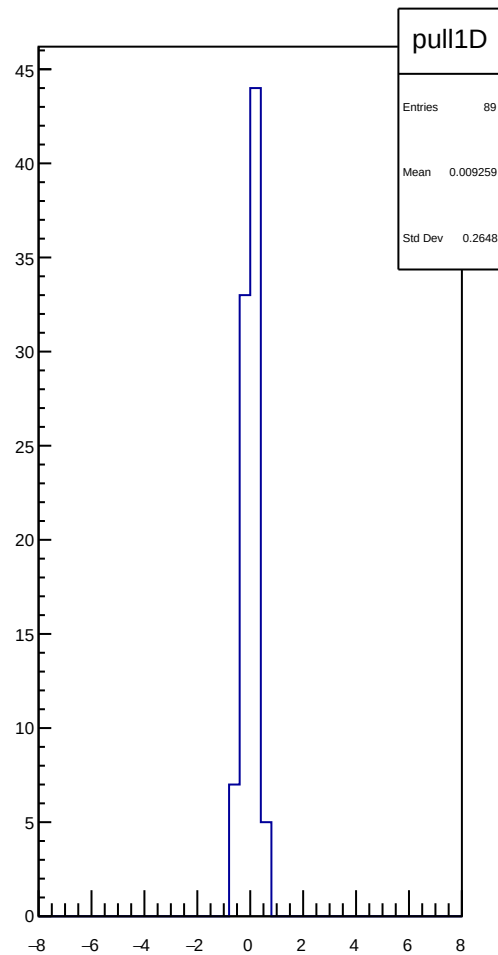
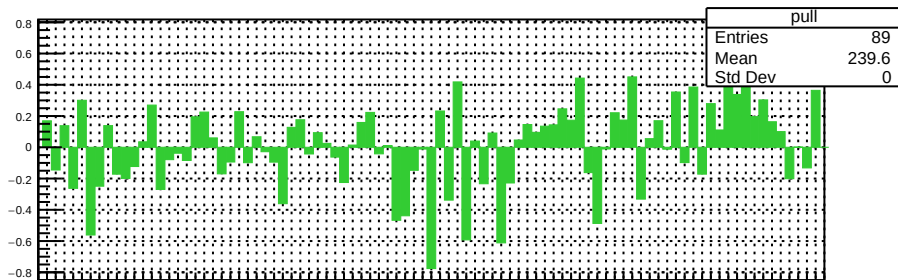
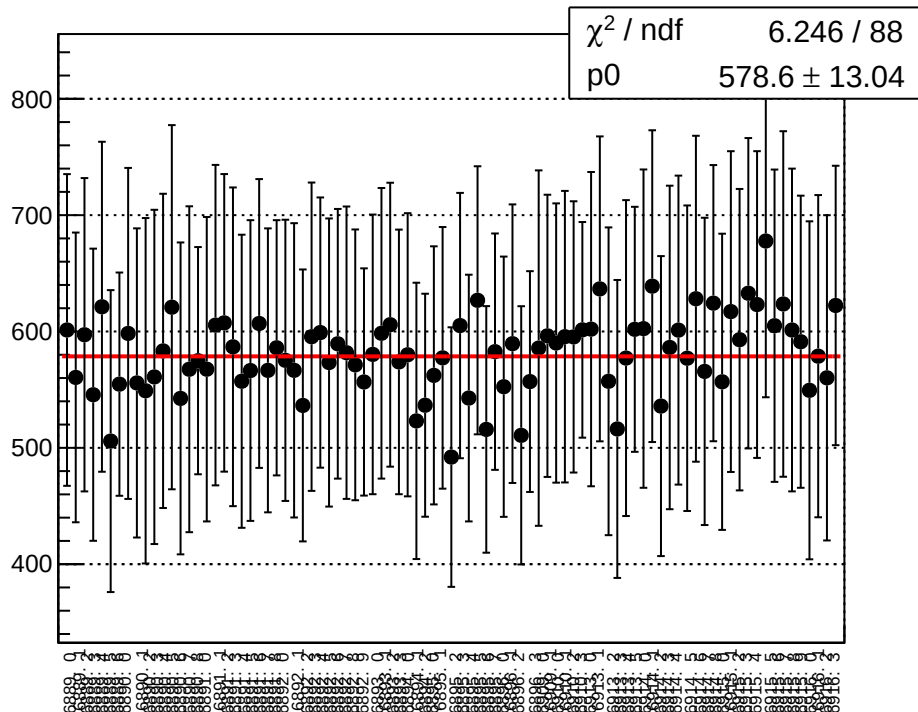
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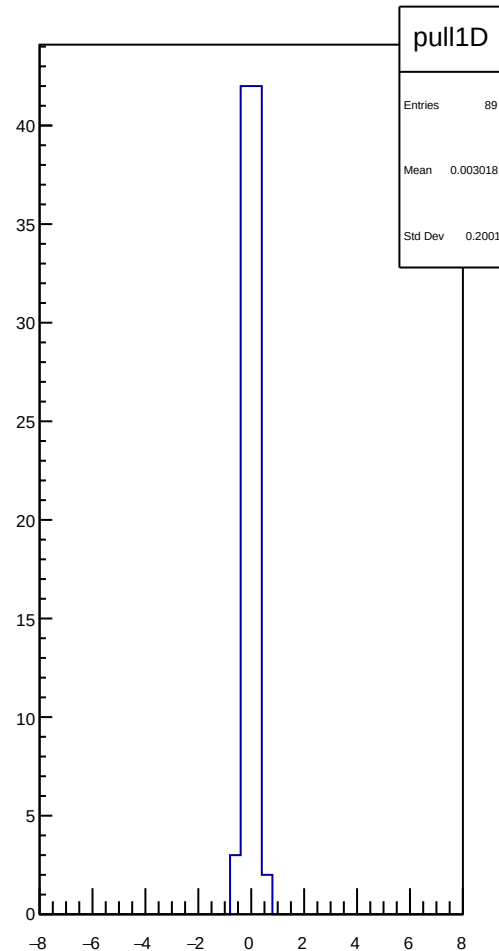
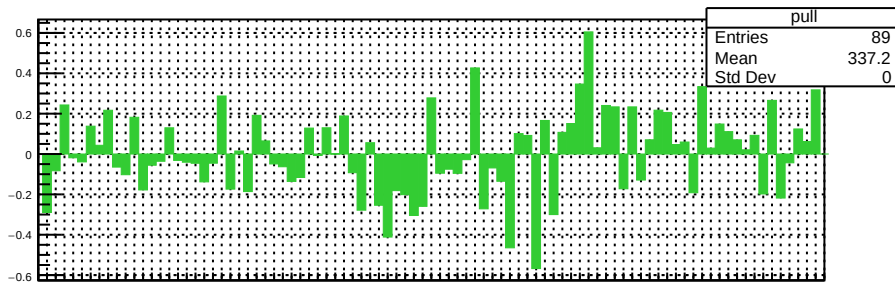
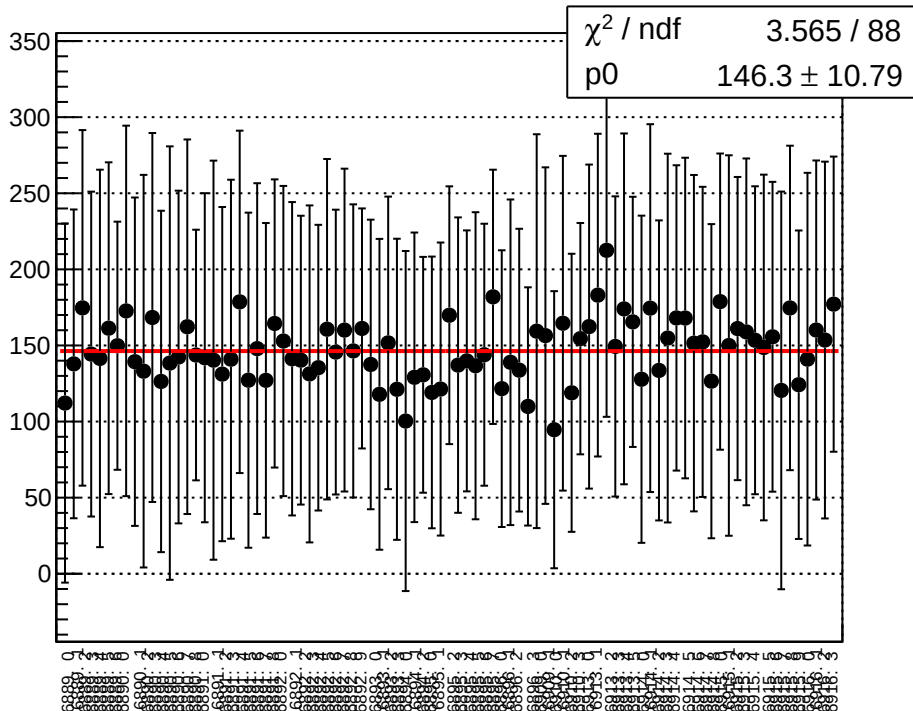
reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs run



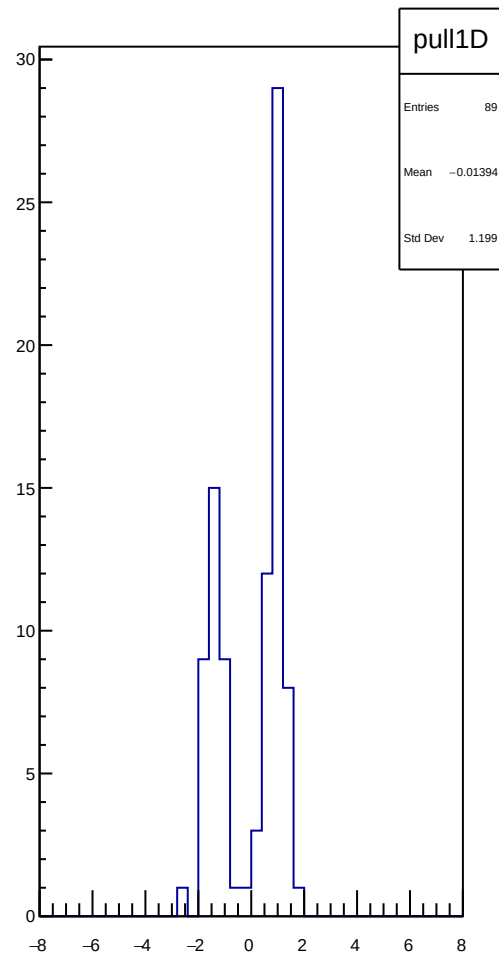
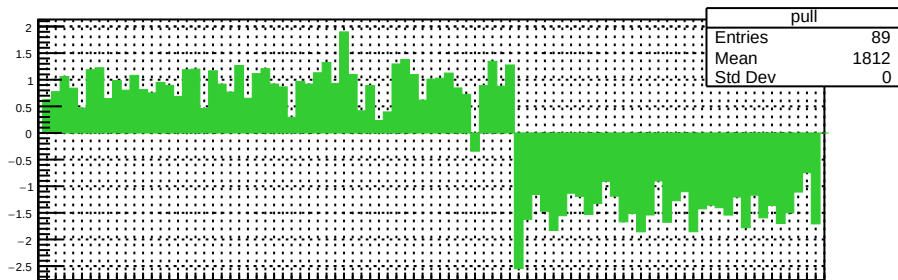
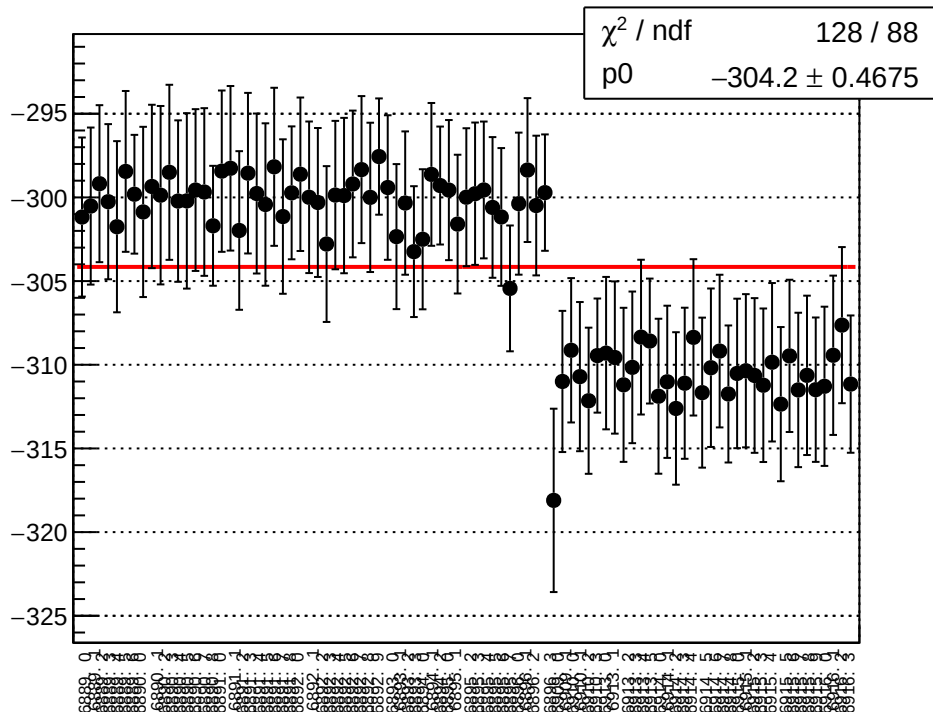
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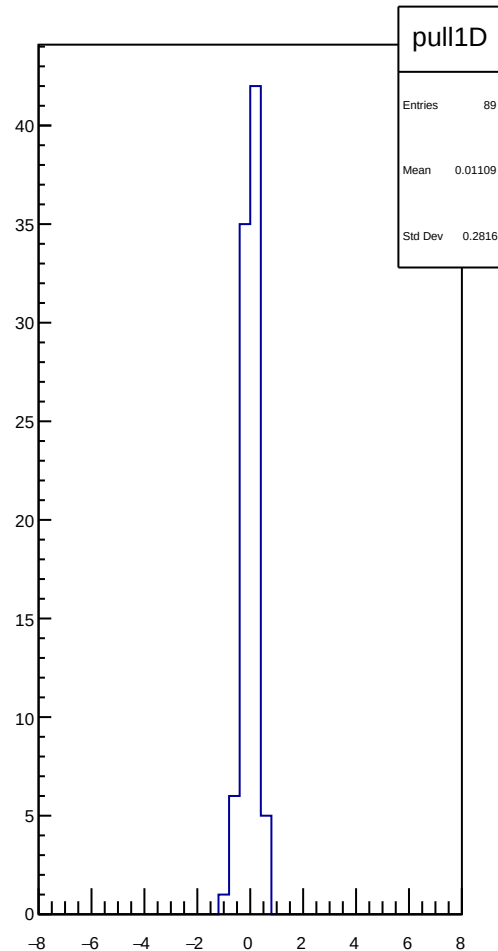
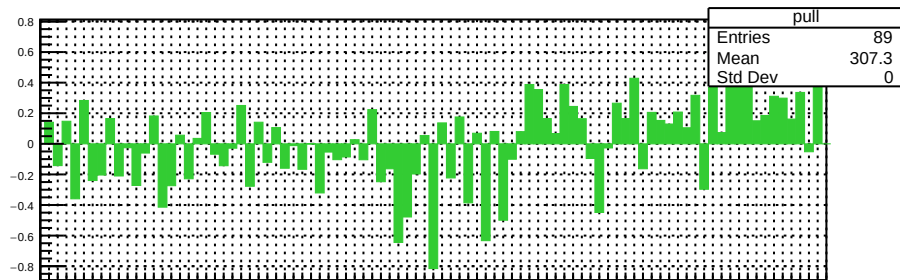
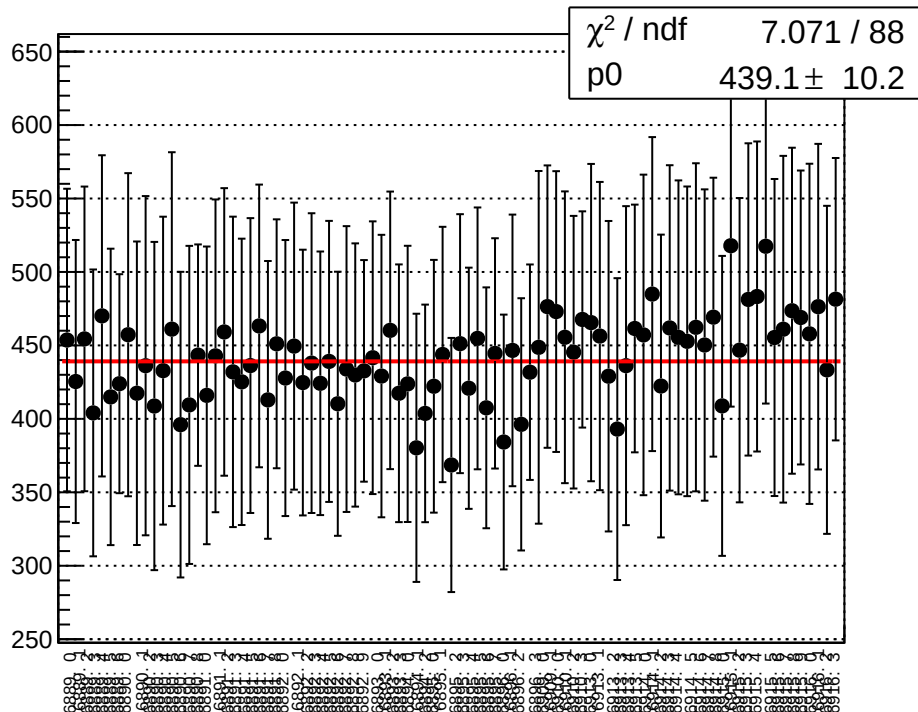
reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs run



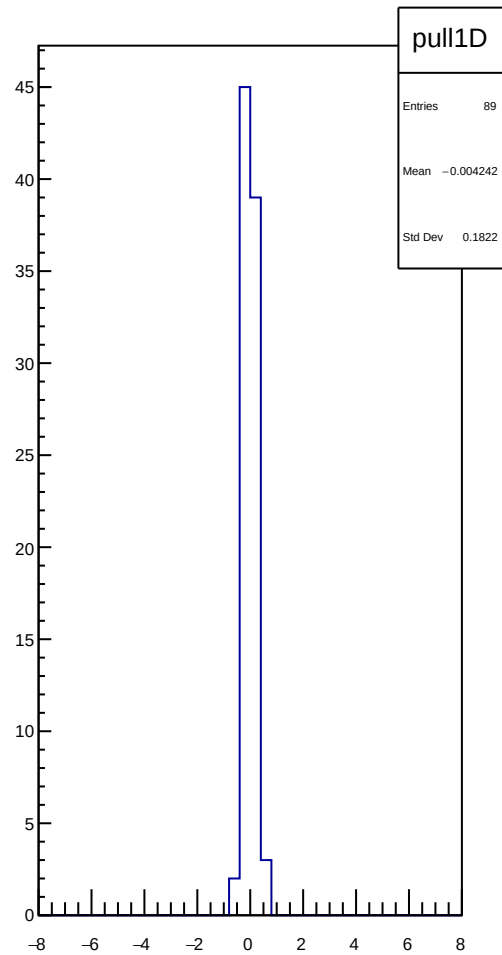
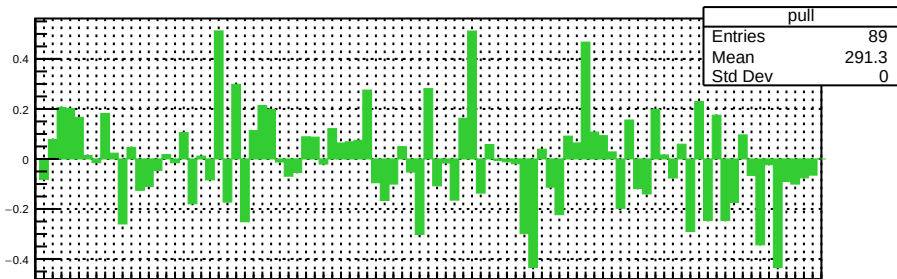
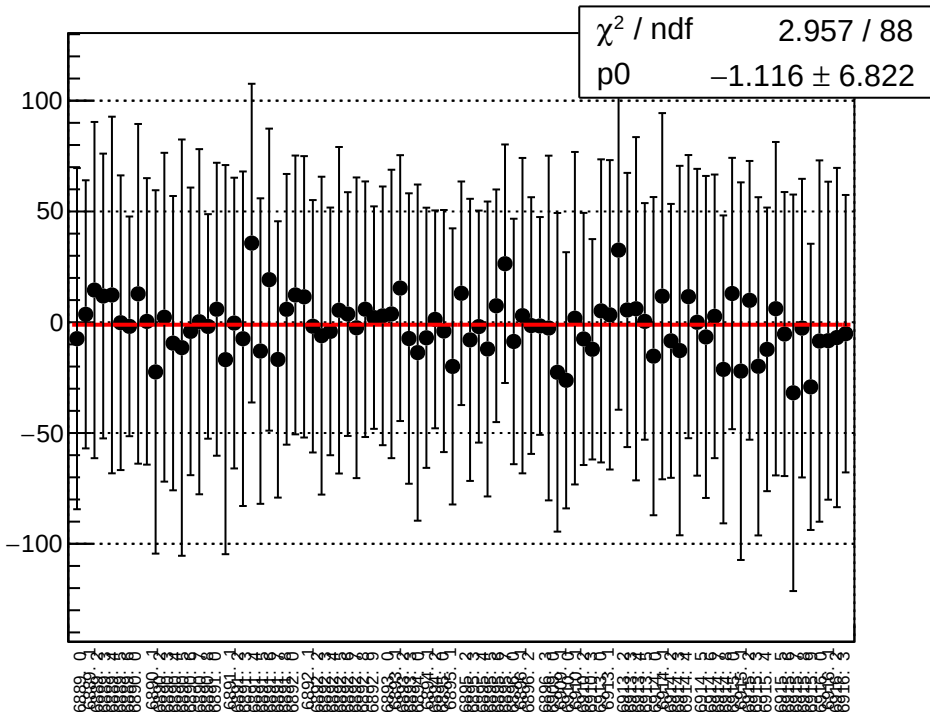
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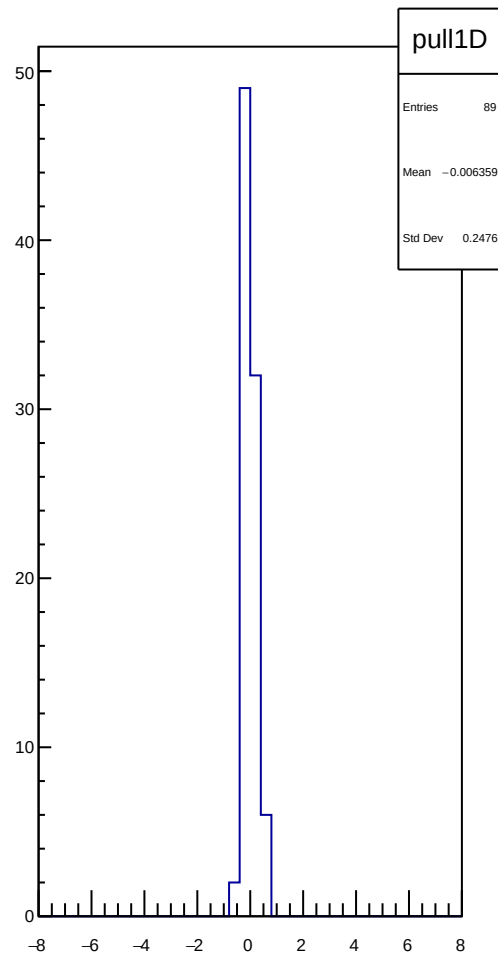
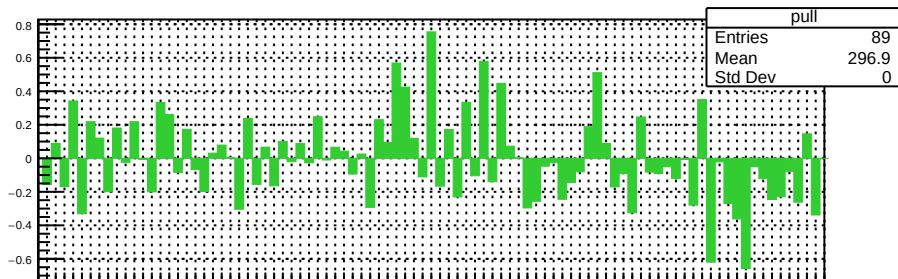
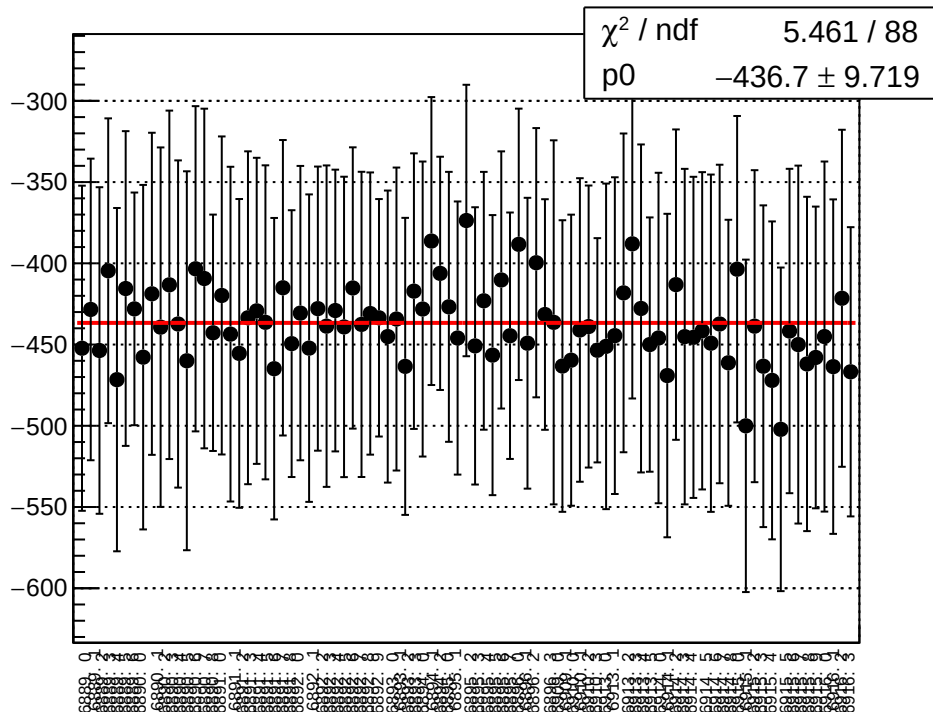
reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs run



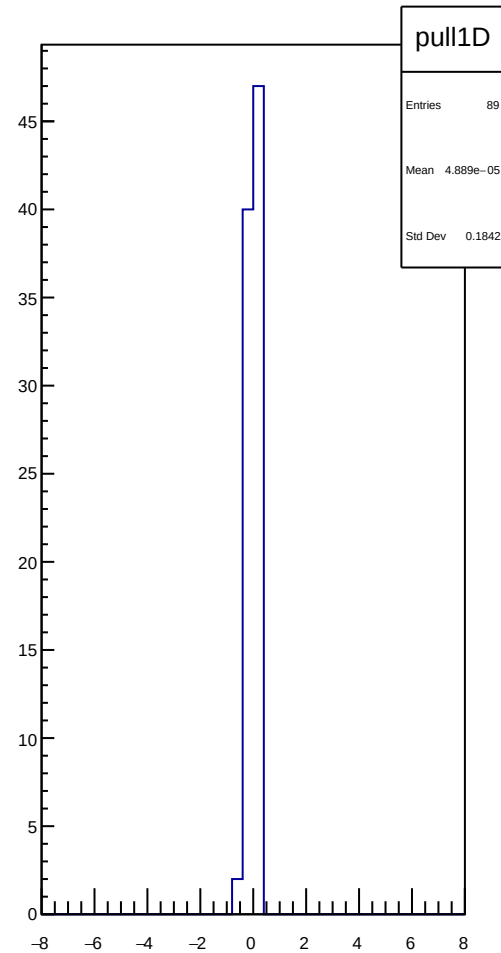
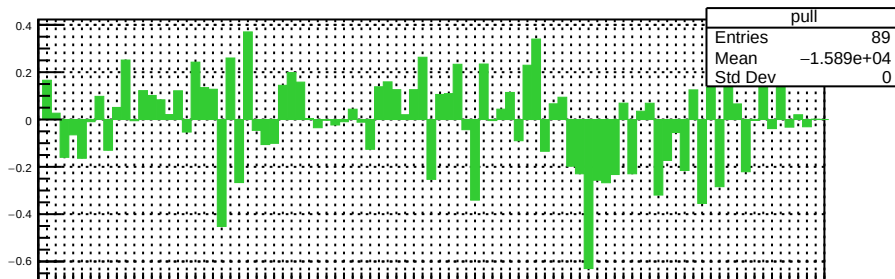
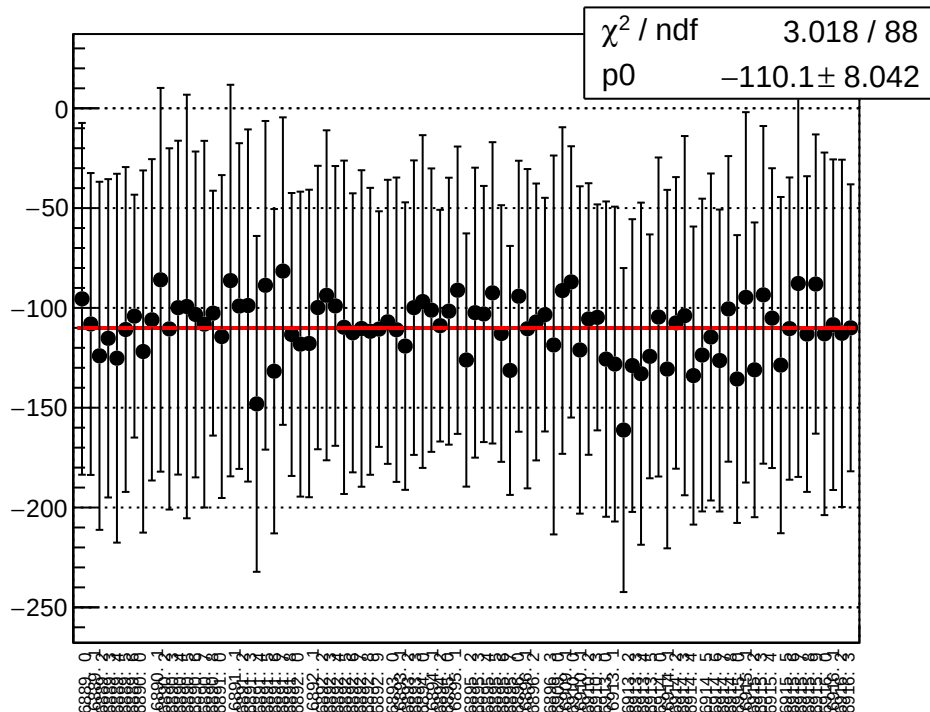
reg asym us avg at2lr avg dd diff bpm4aY slope vs run



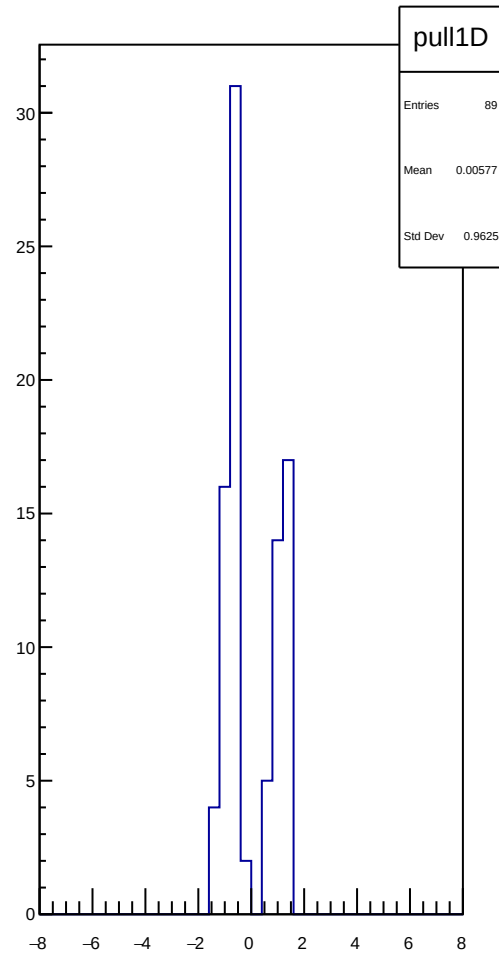
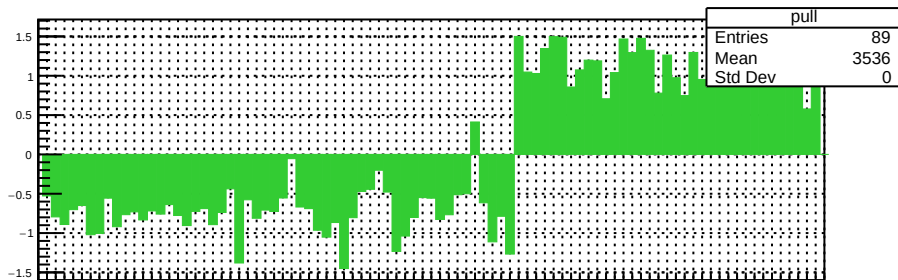
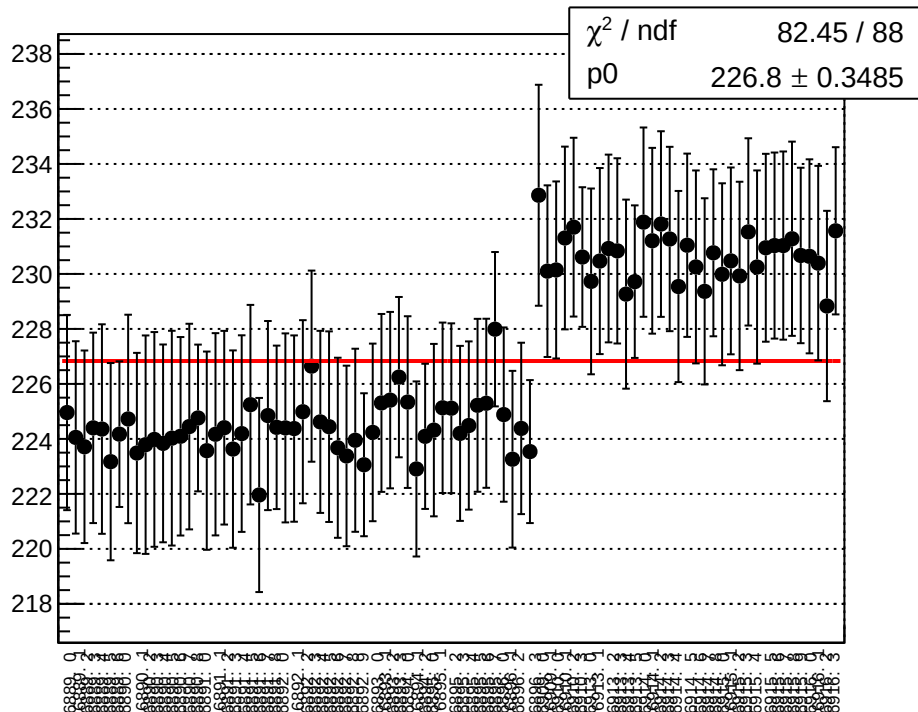
reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs run



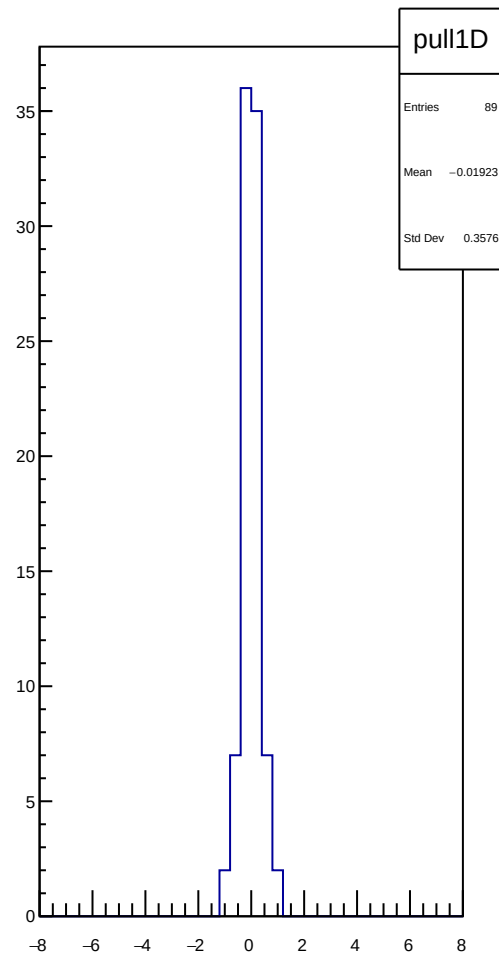
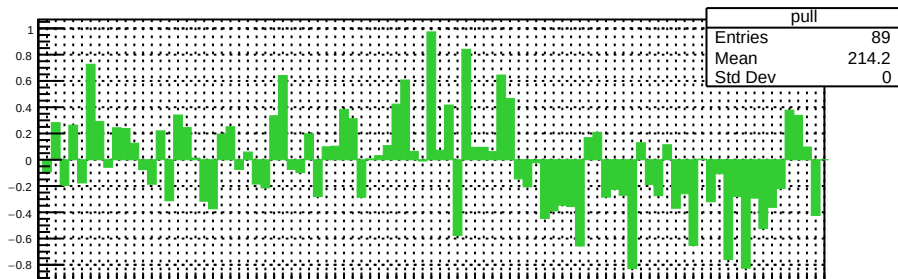
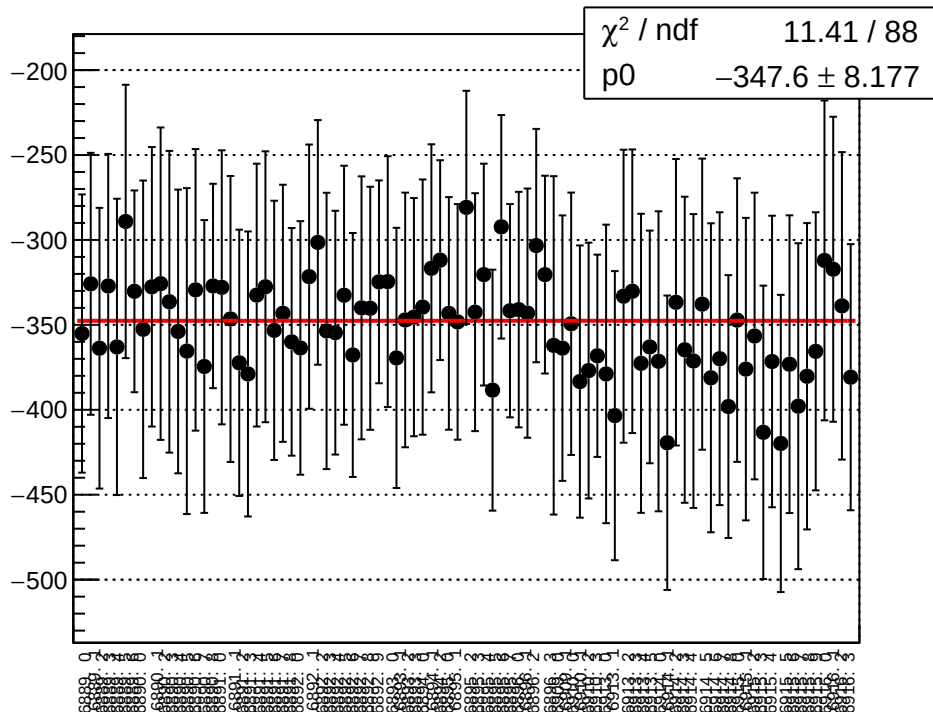
reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs run



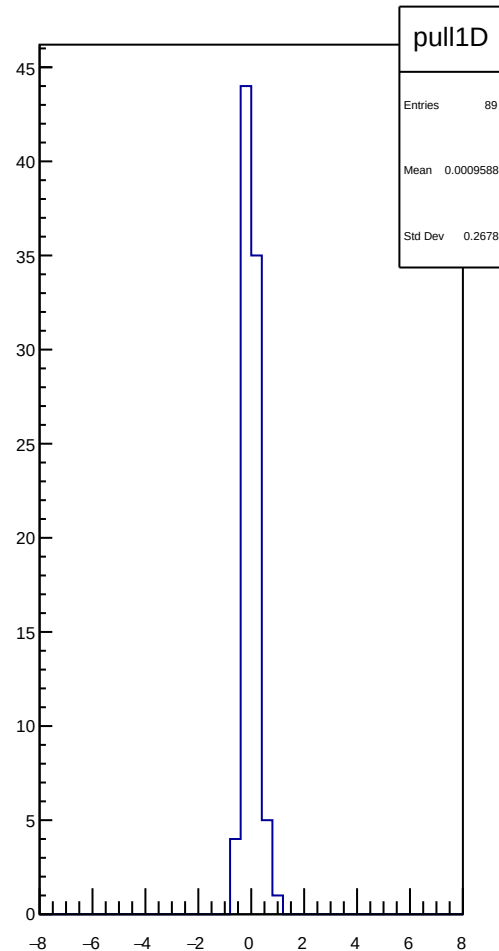
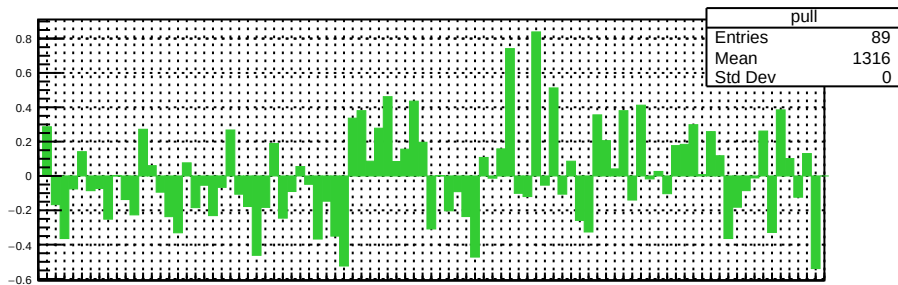
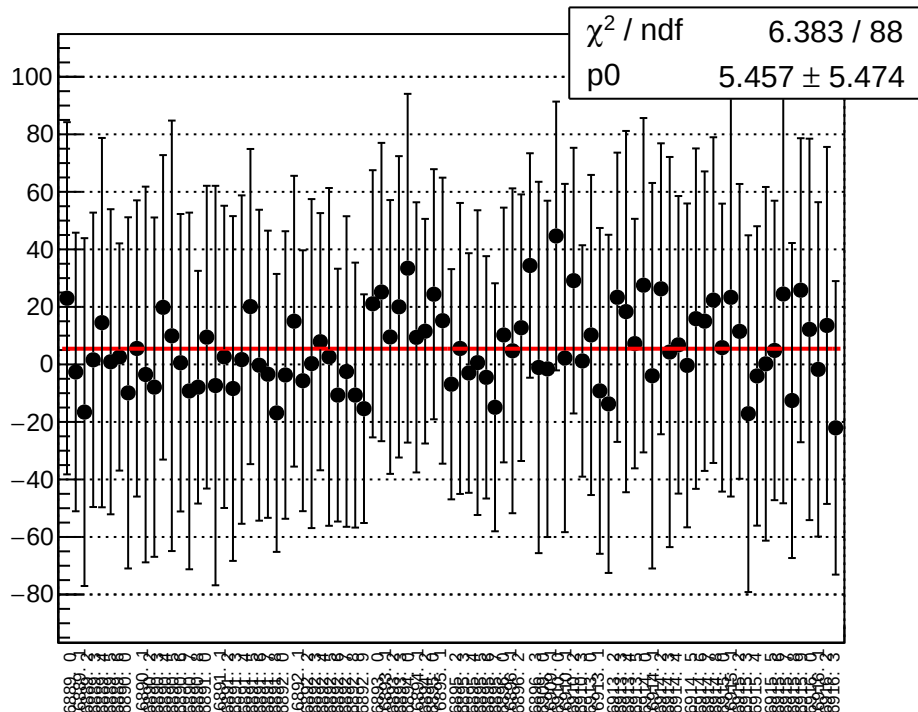
reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs run



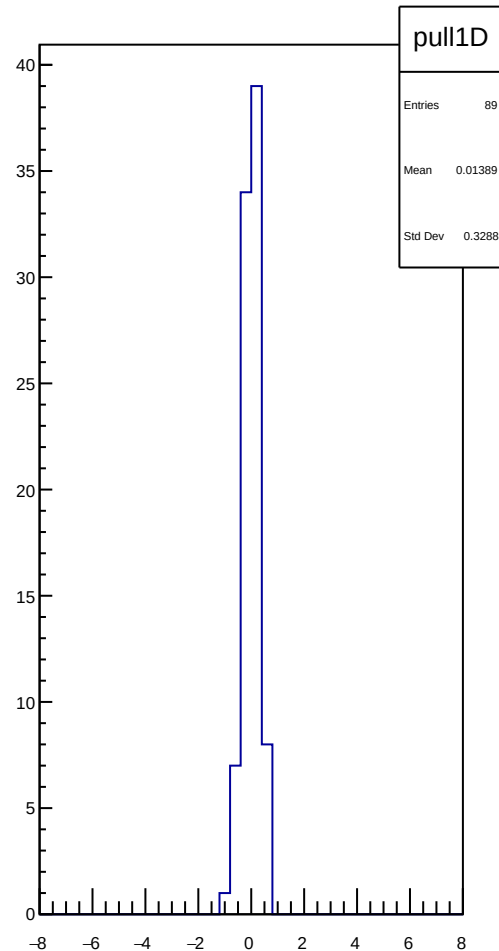
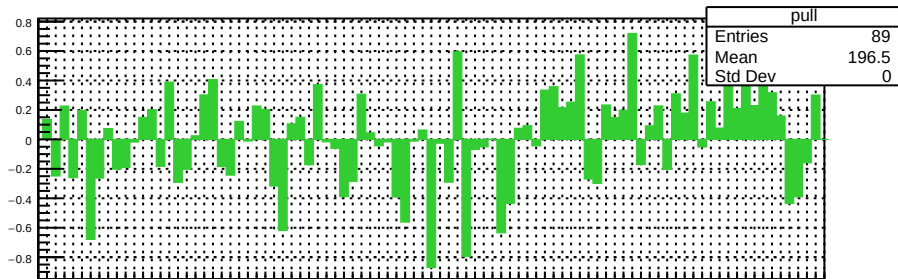
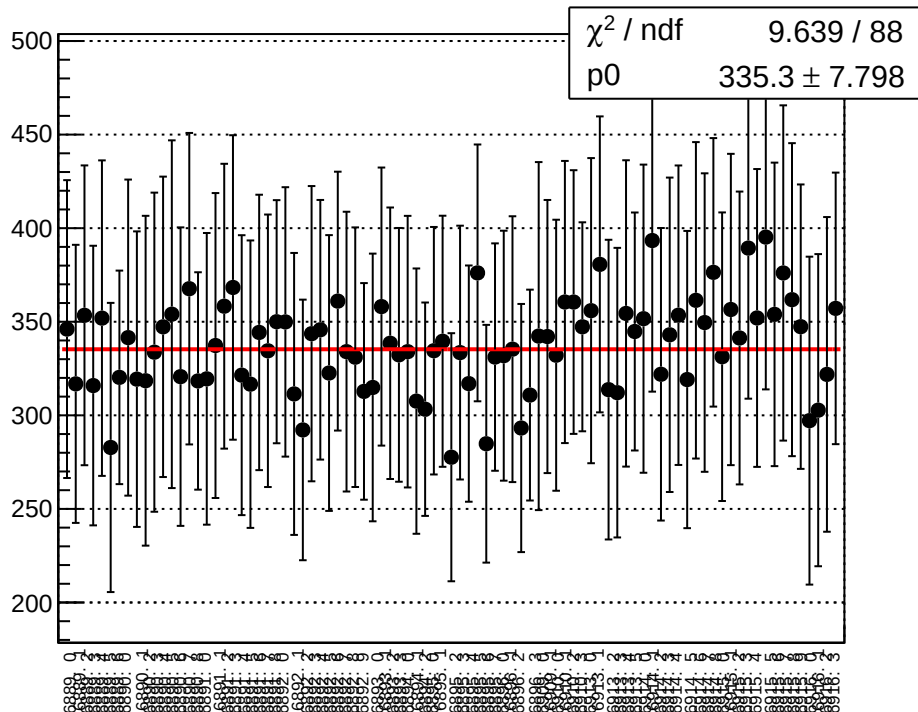
reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs run



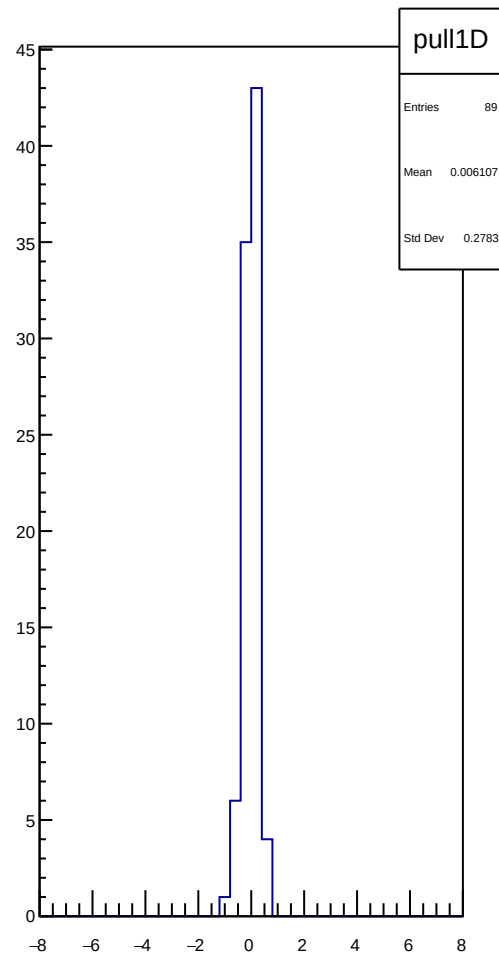
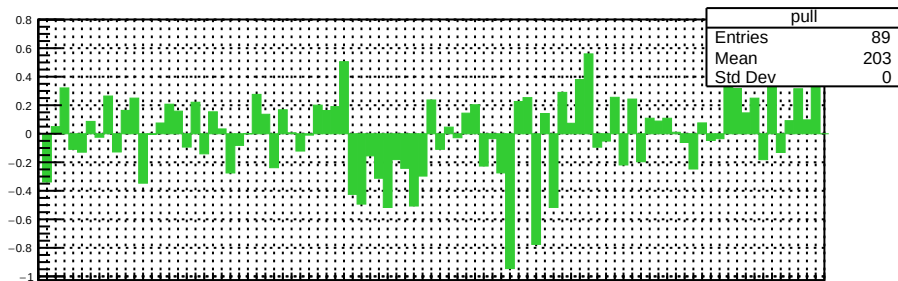
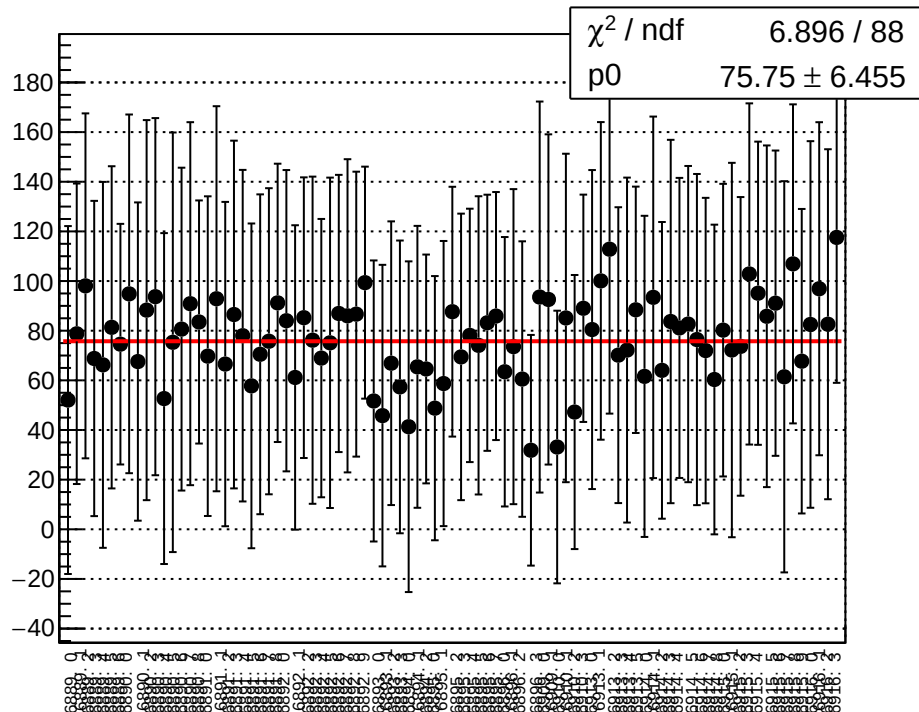
reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs run



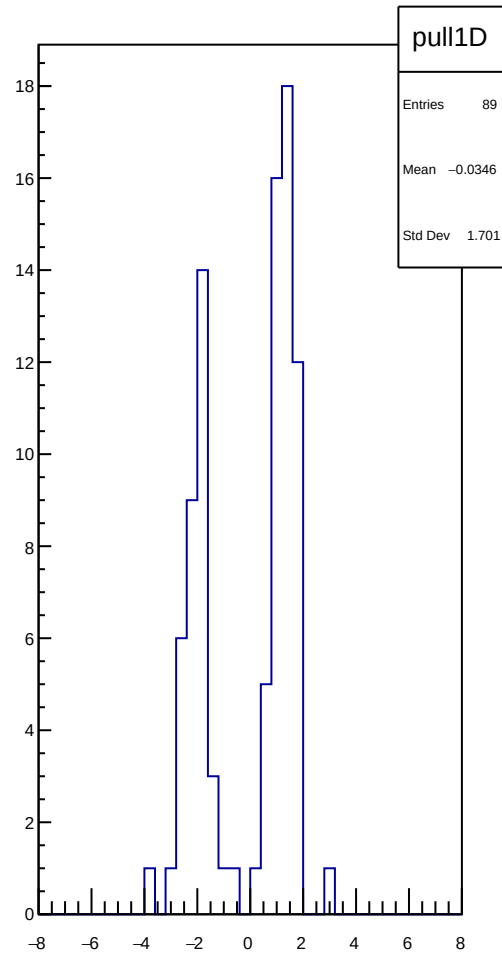
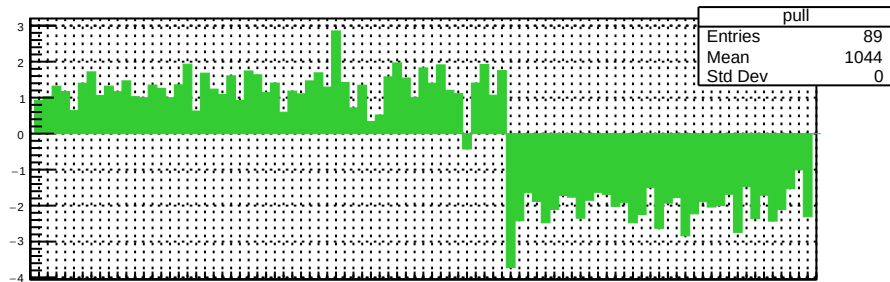
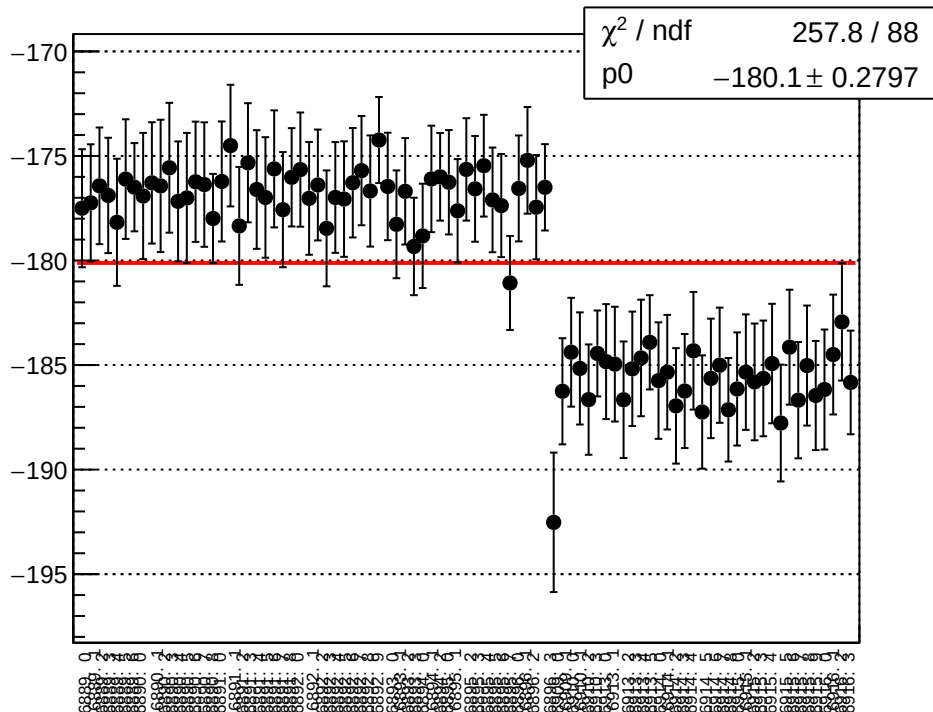
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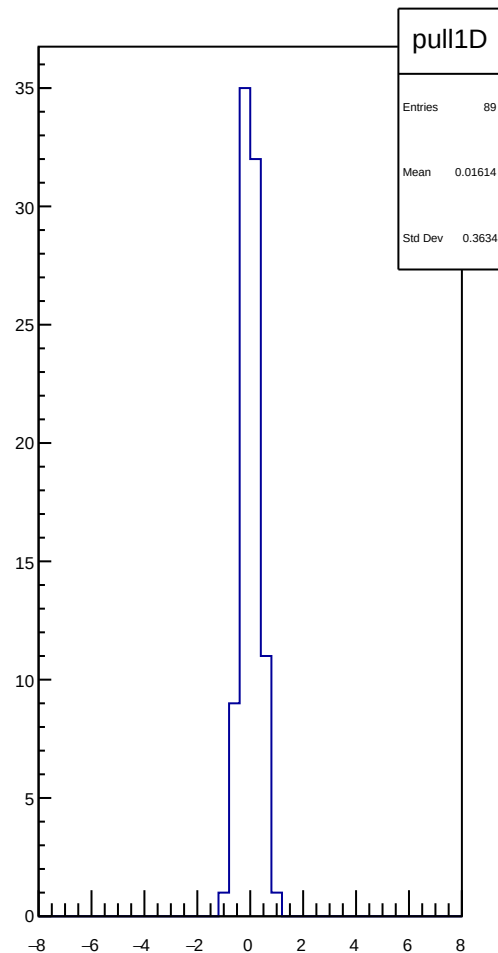
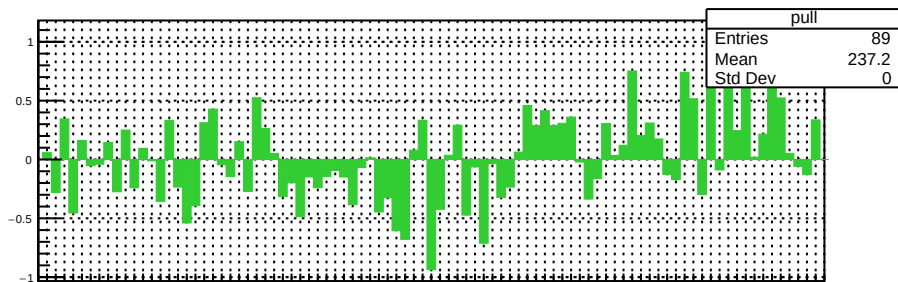
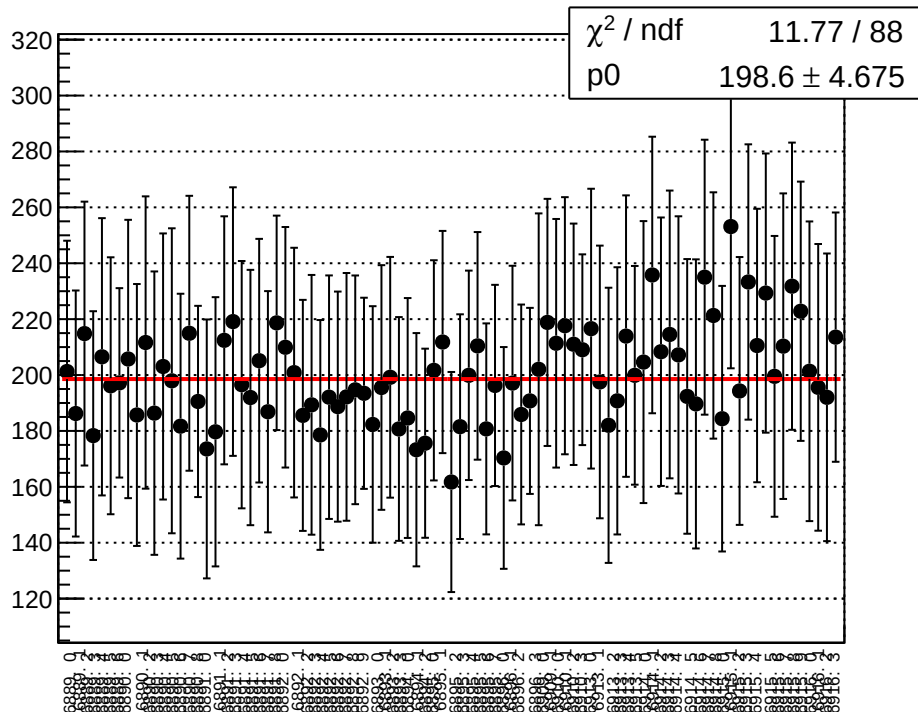
reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs run



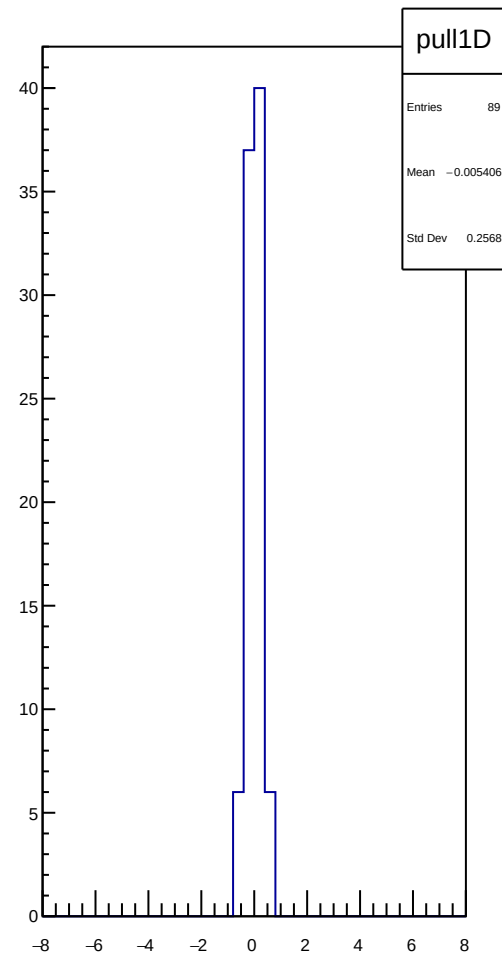
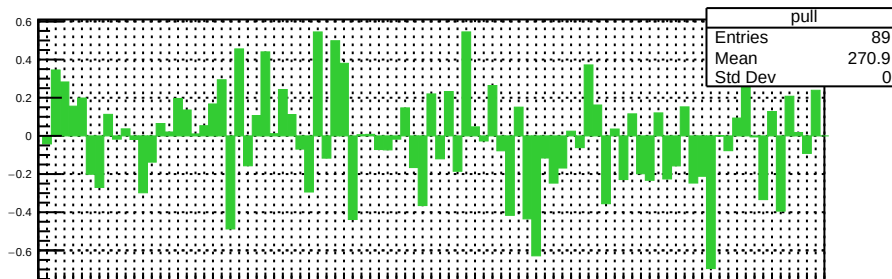
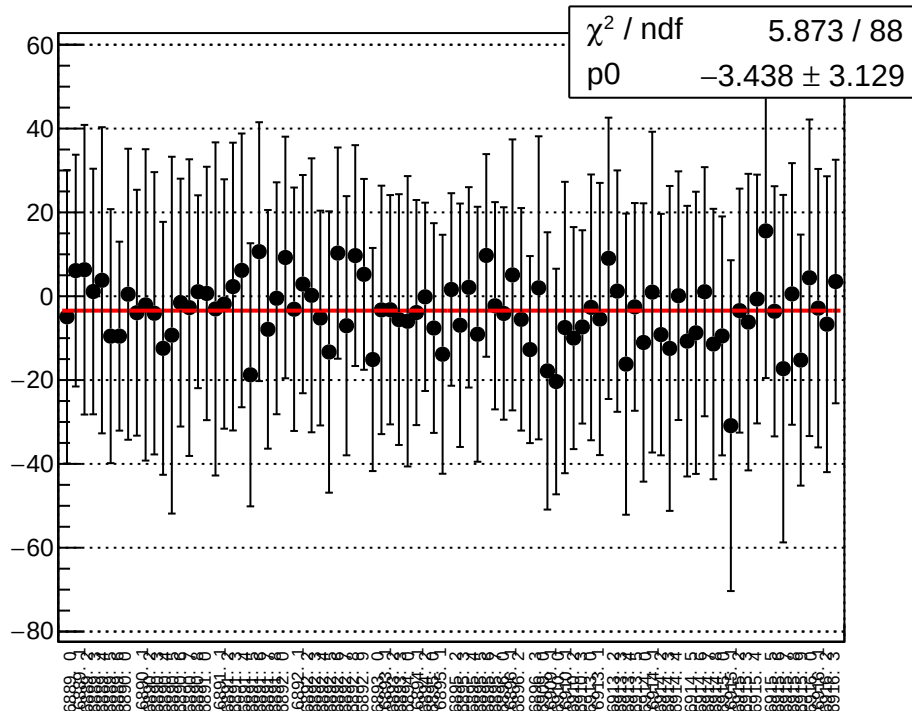
reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs run



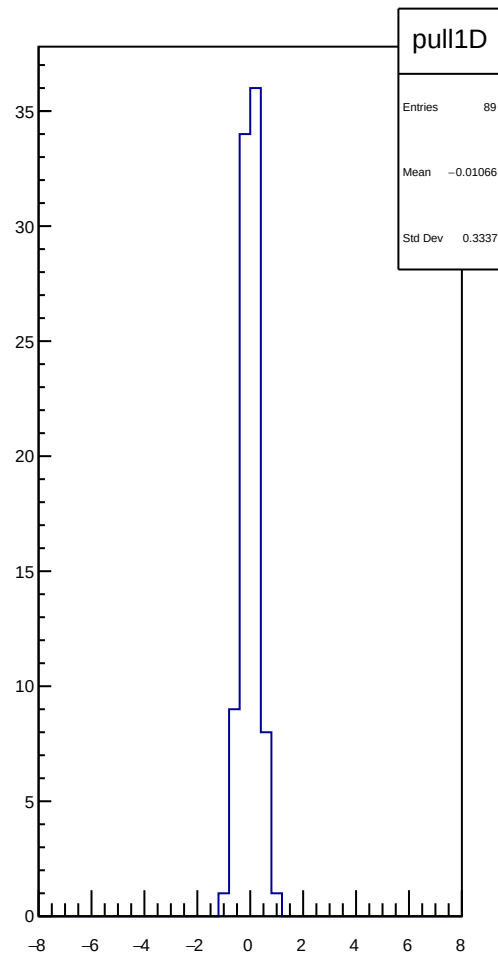
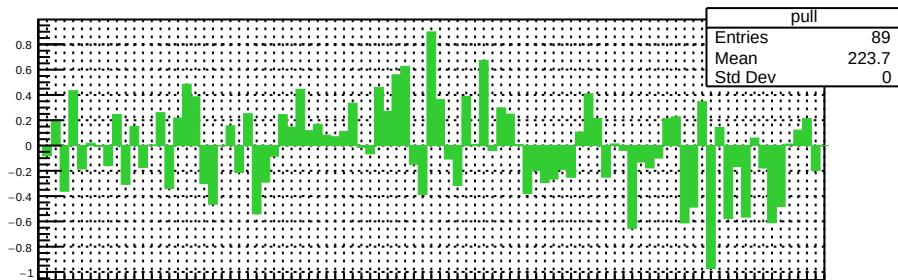
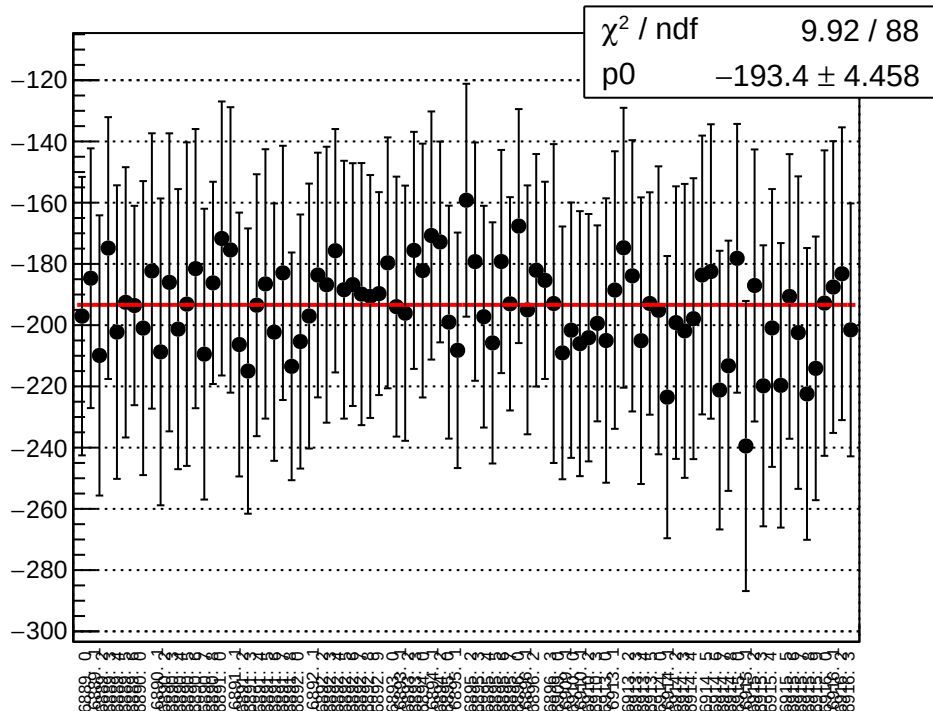
reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs run



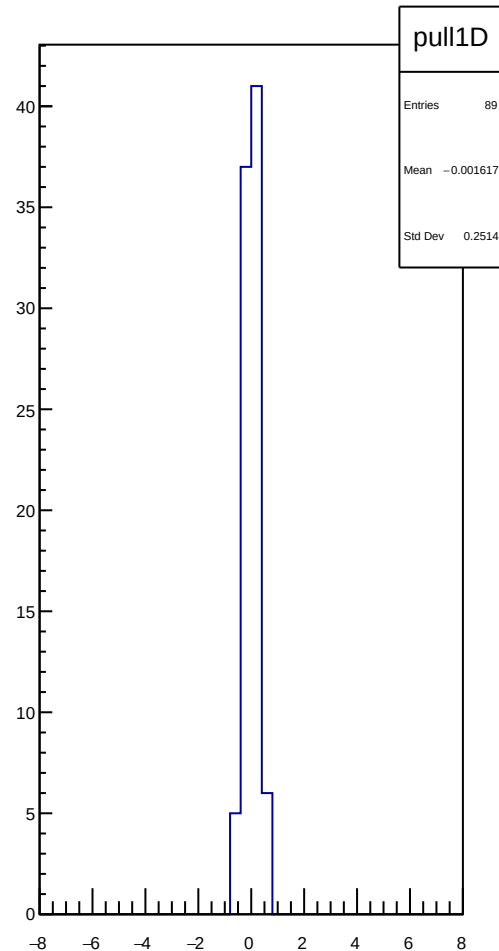
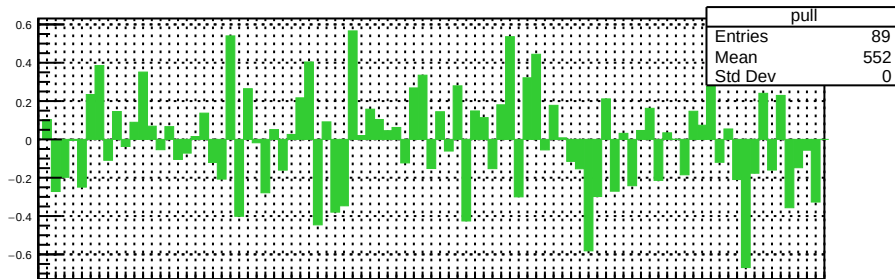
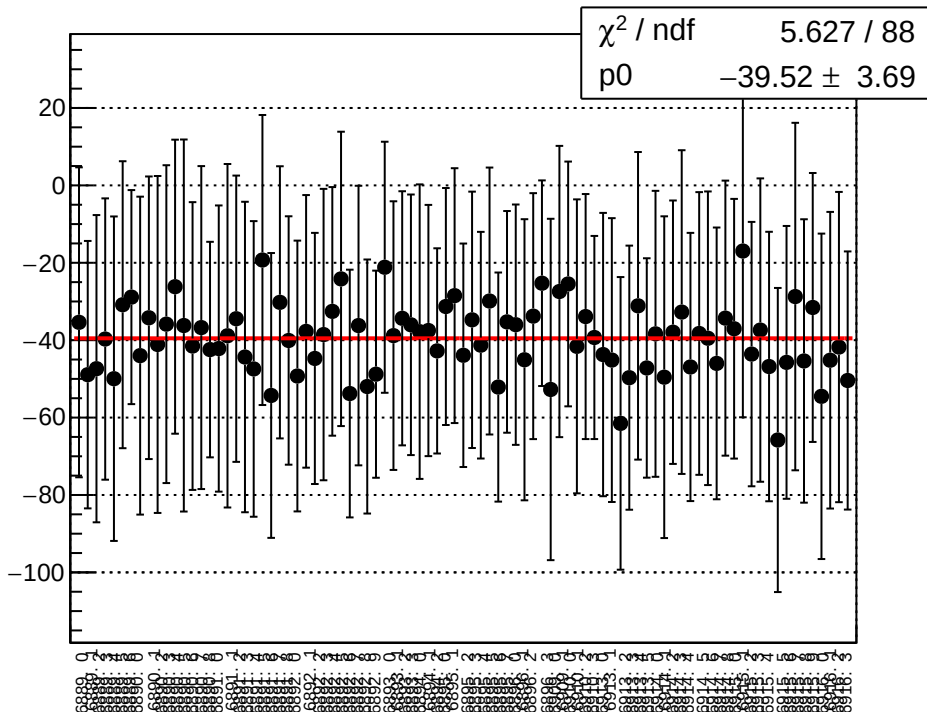
reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs run



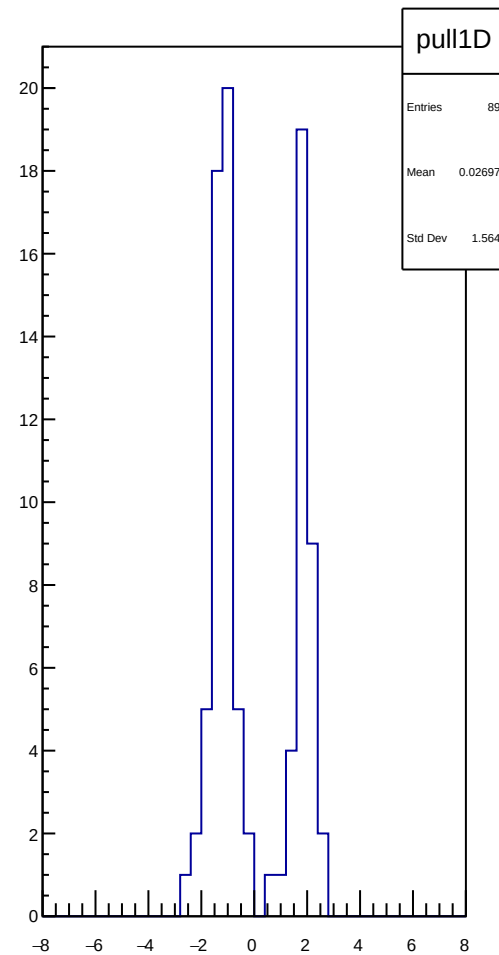
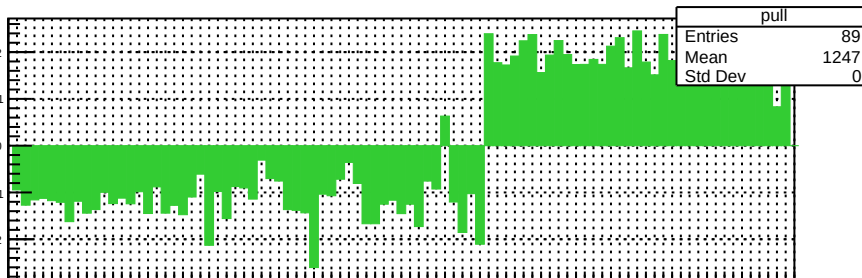
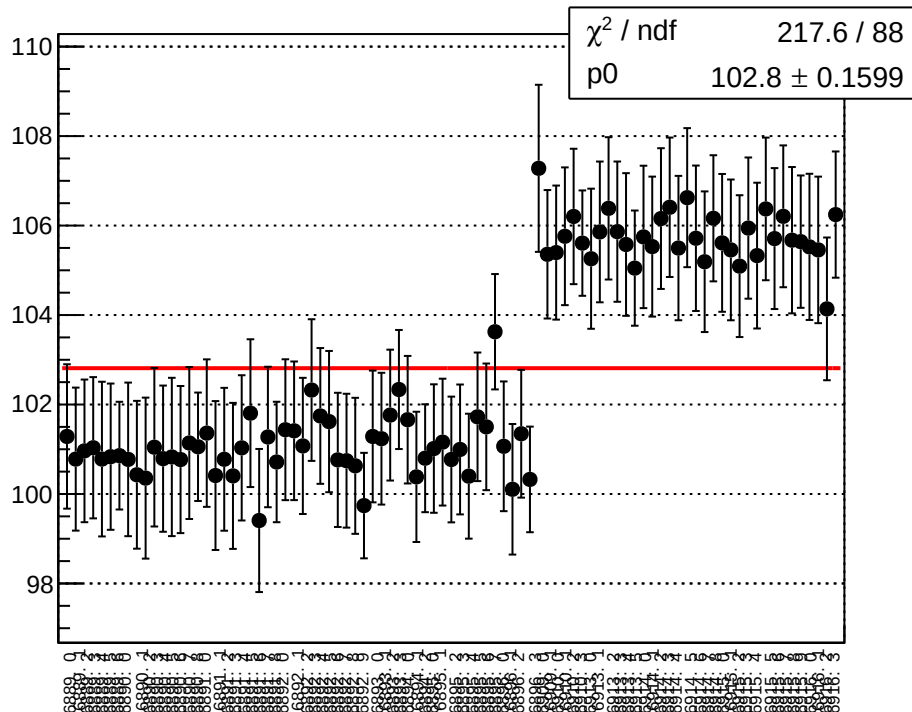
reg_asym_us_avg_atrl_avg_dd_diff_bpm4eX_slope vs run



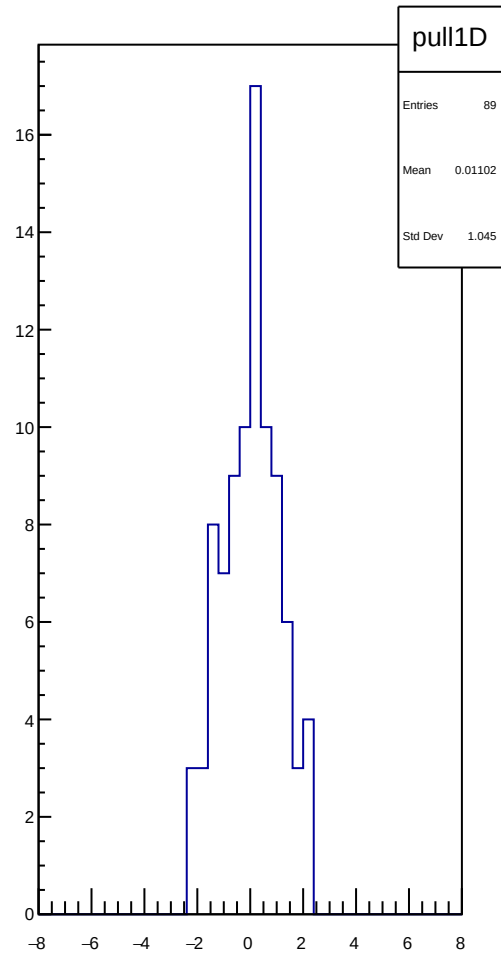
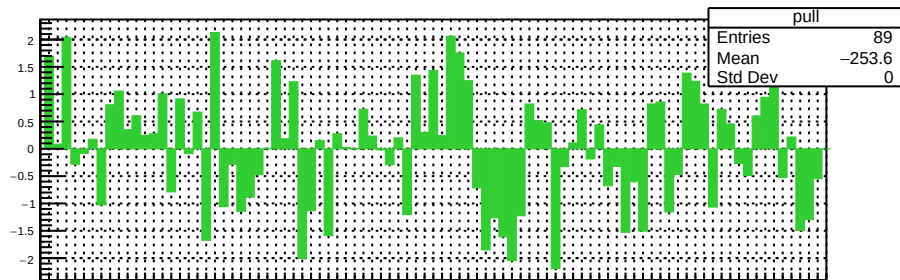
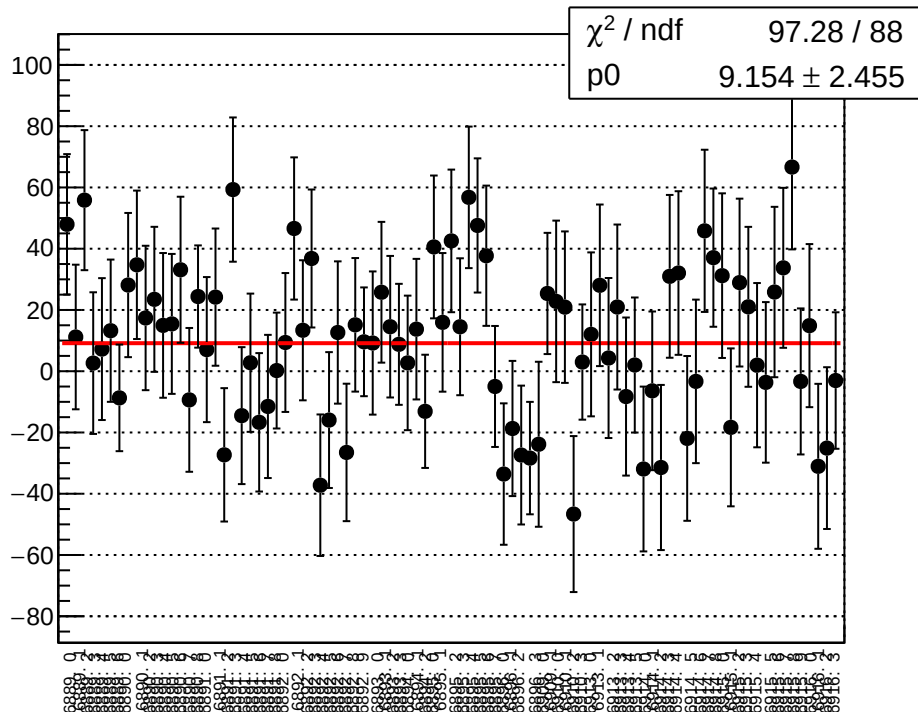
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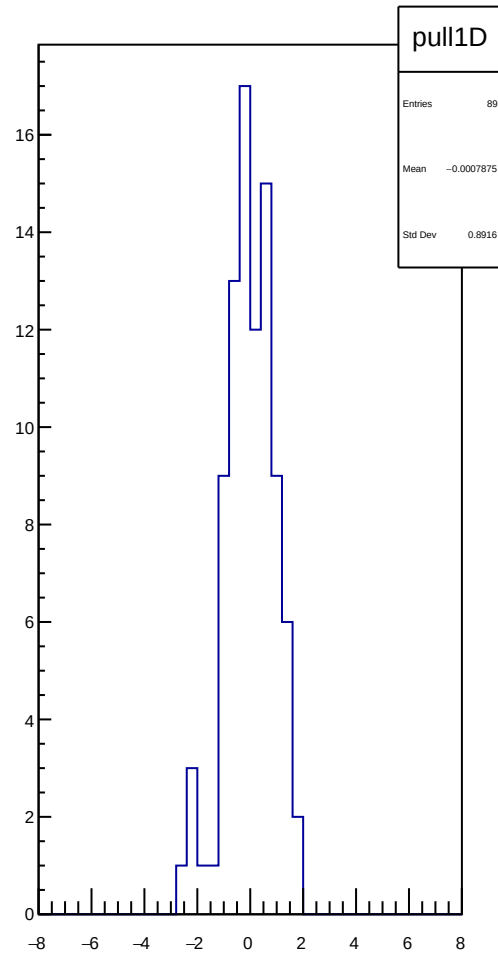
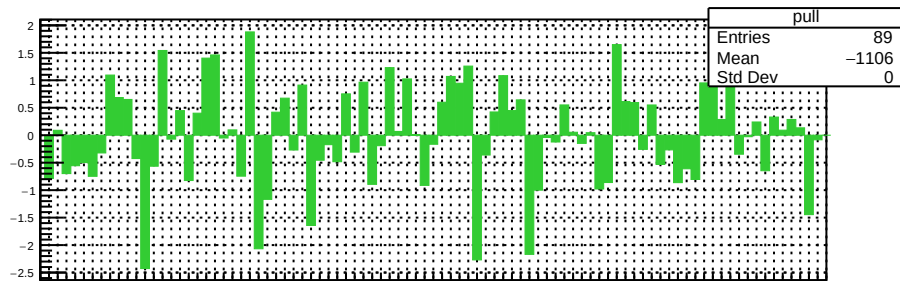
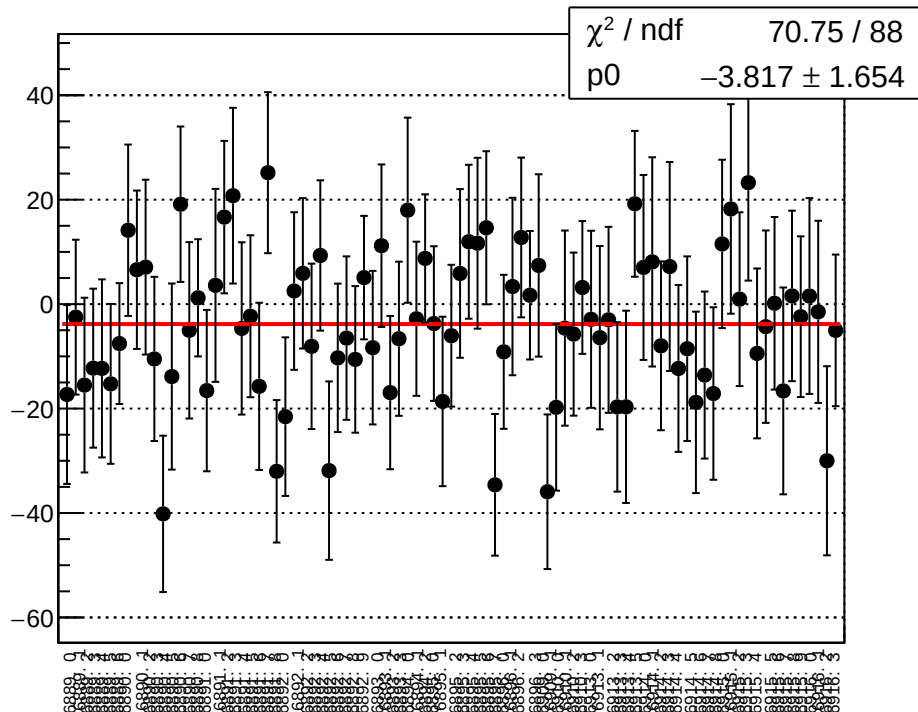
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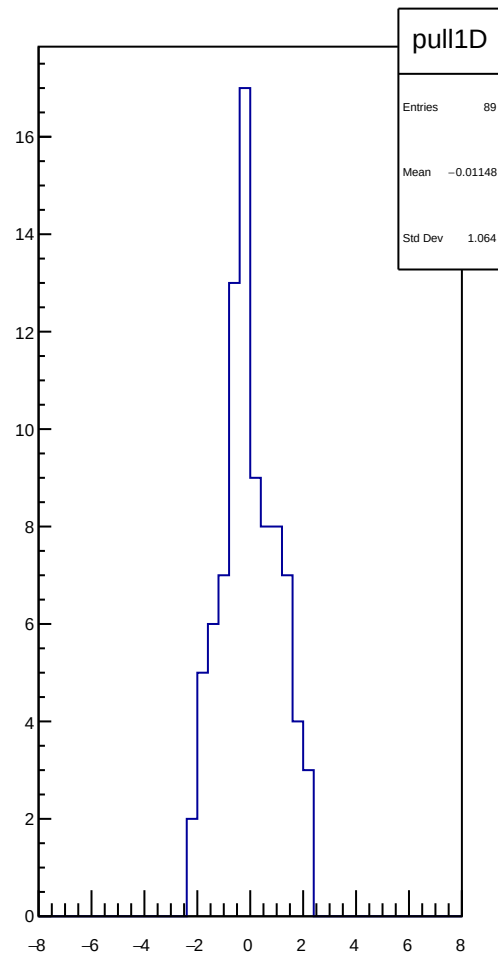
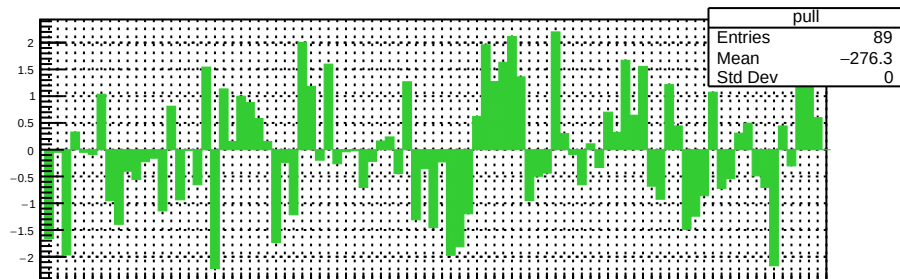
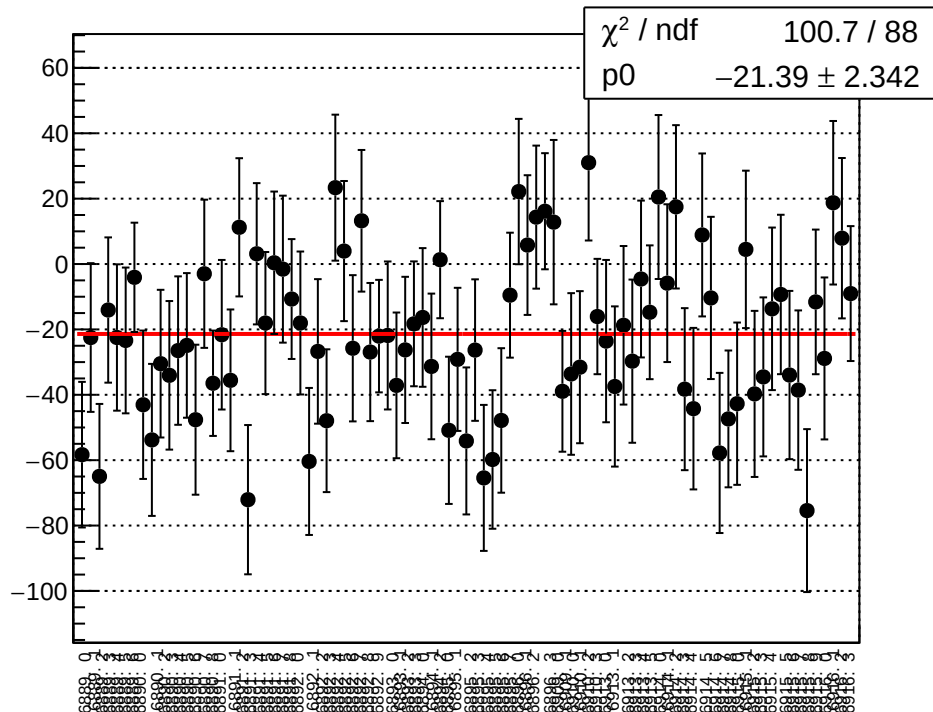
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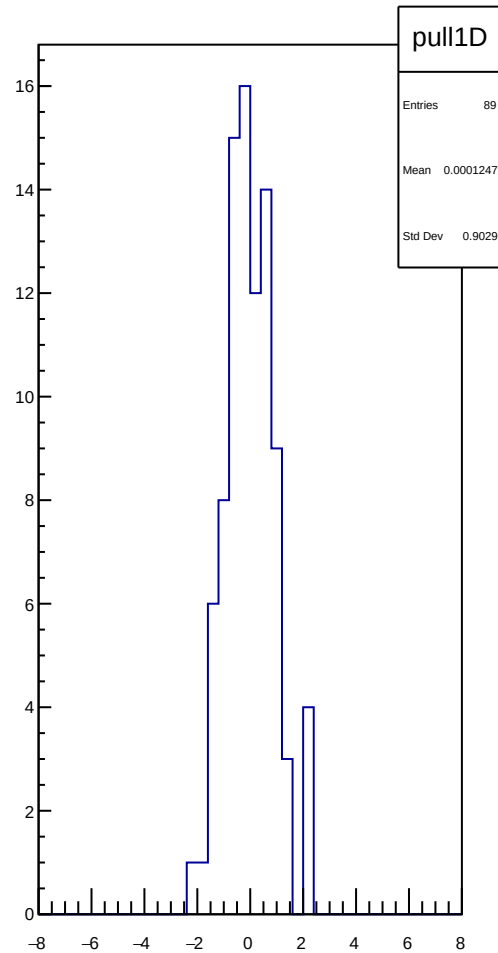
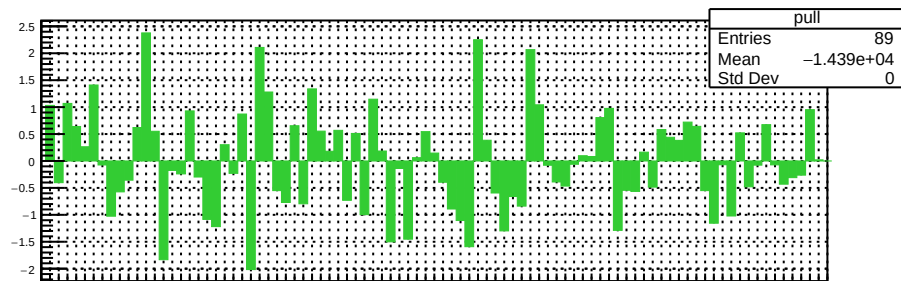
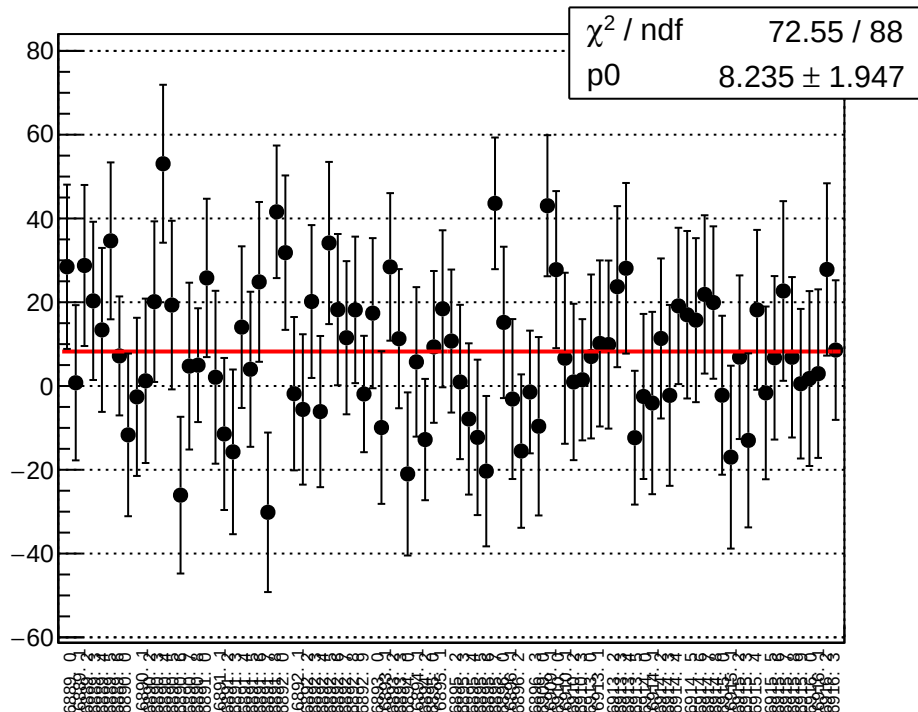
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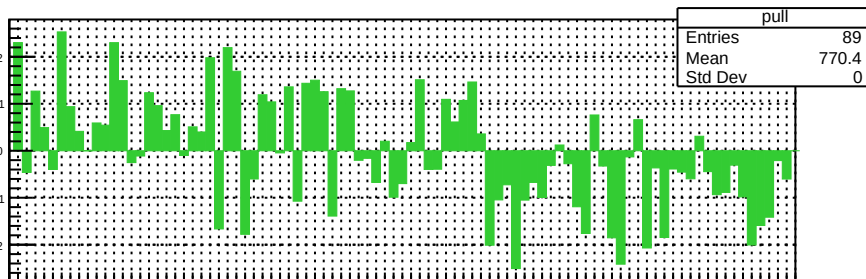
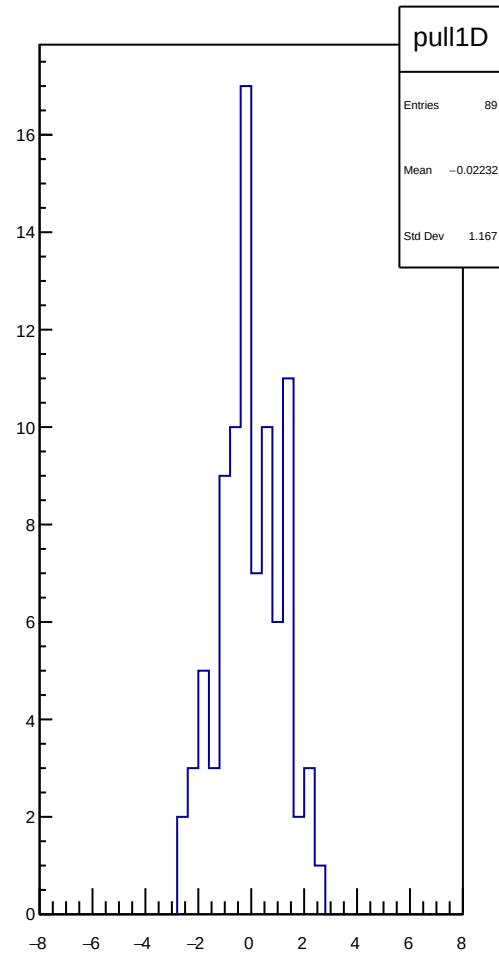
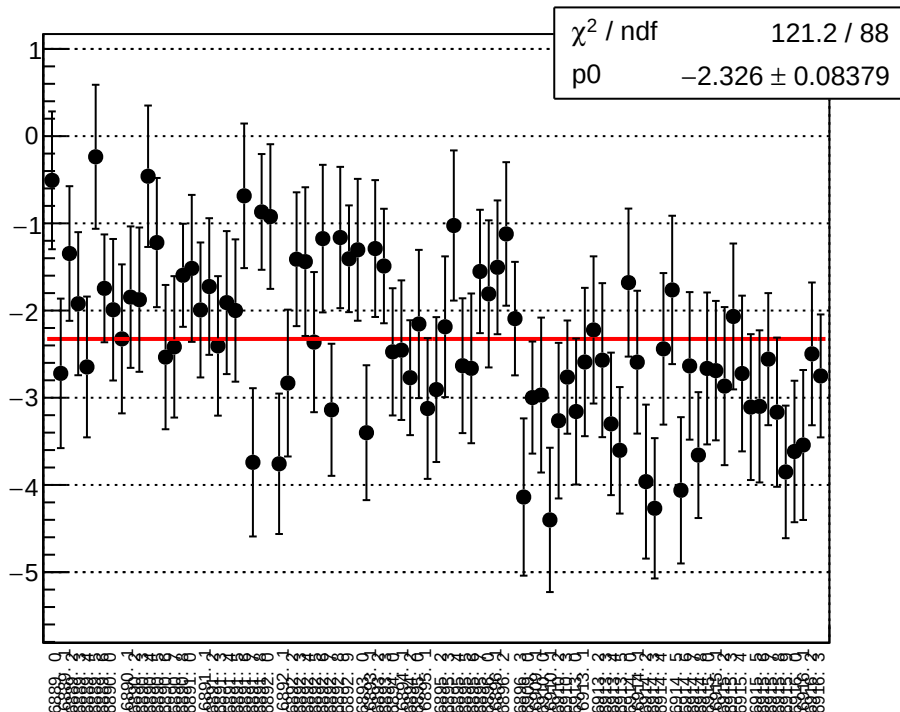
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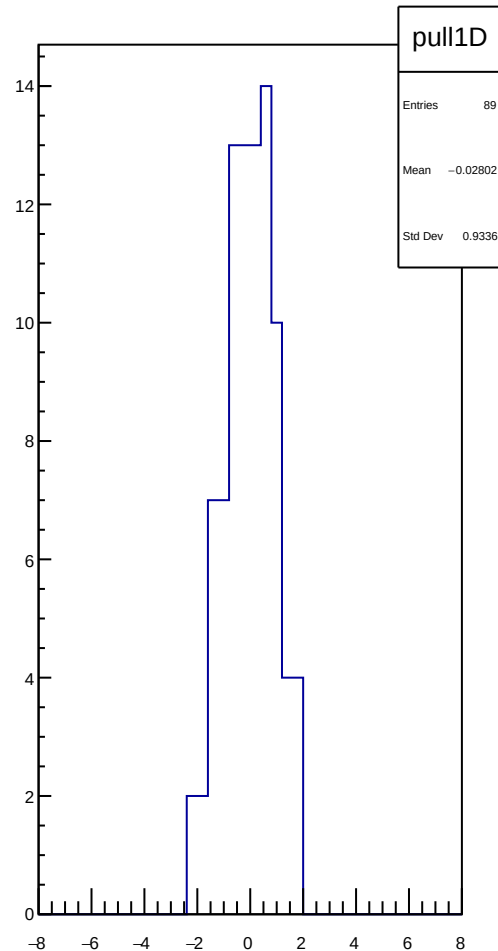
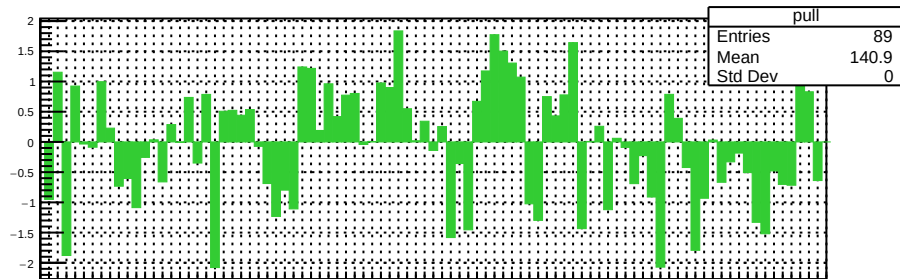
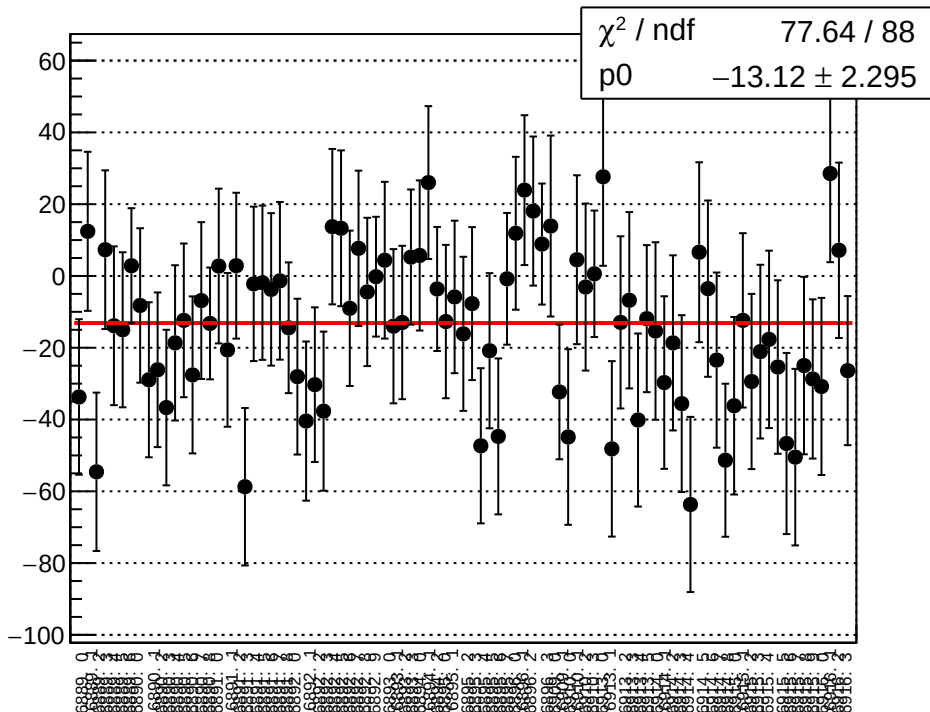
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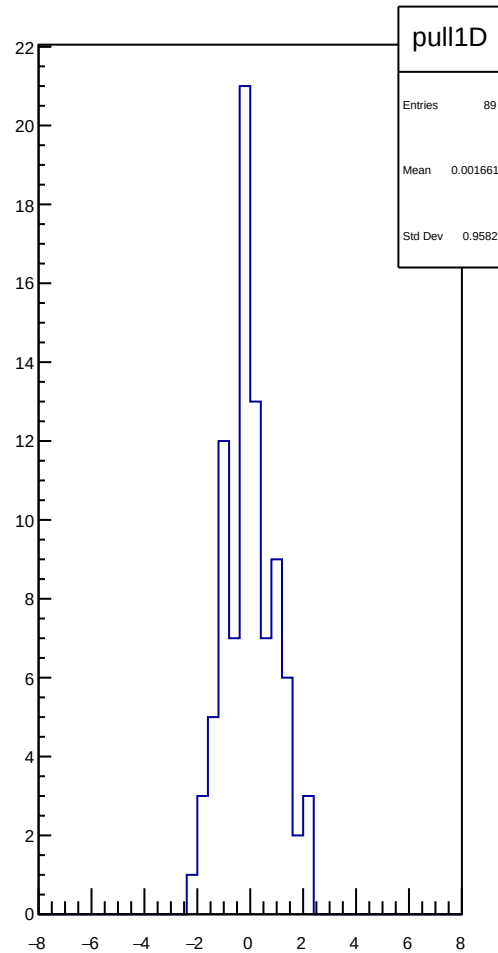
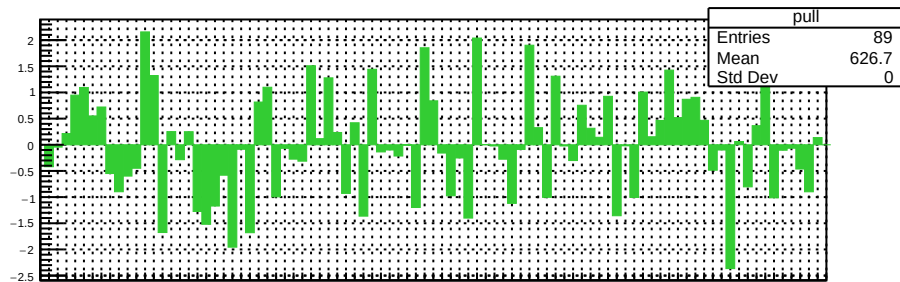
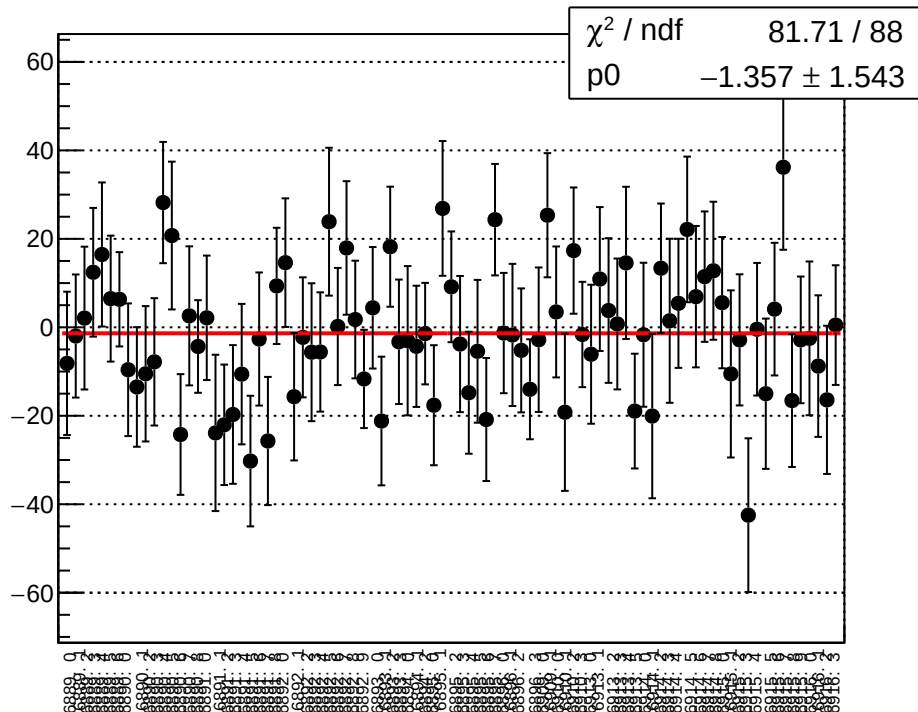
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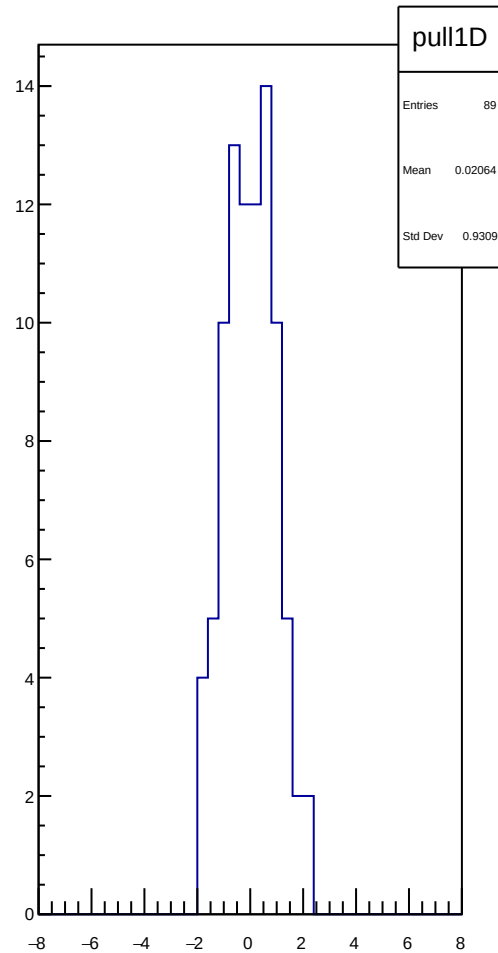
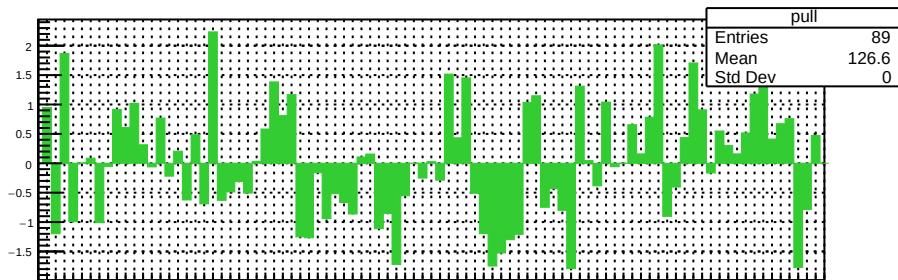
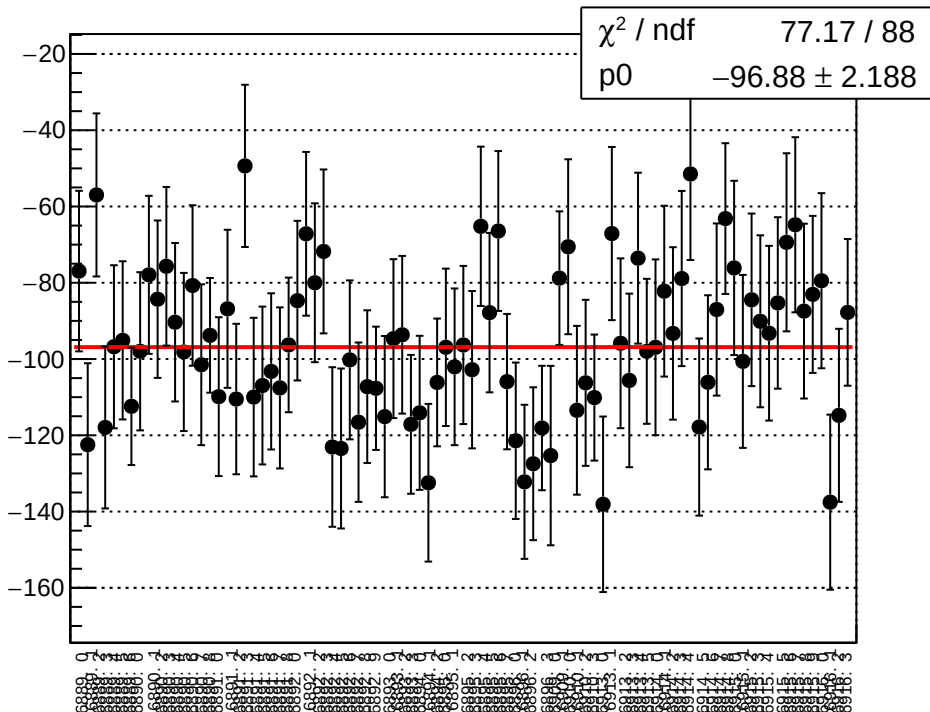
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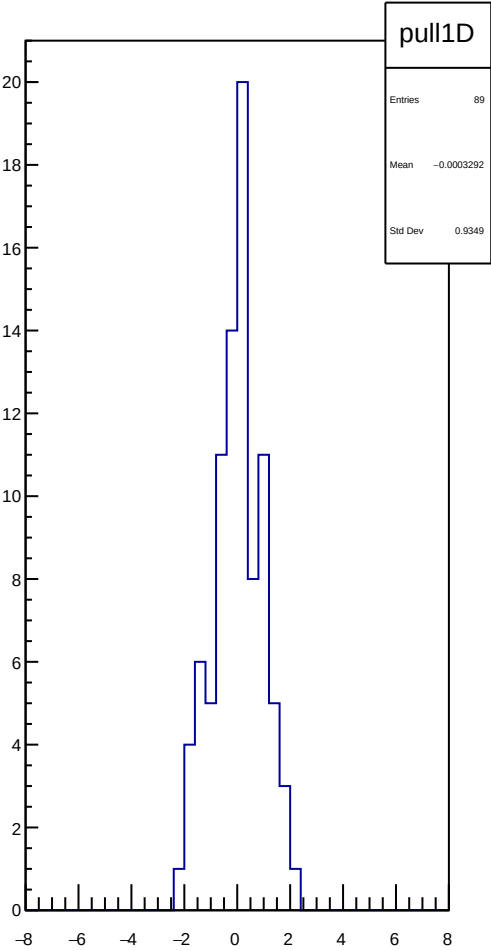
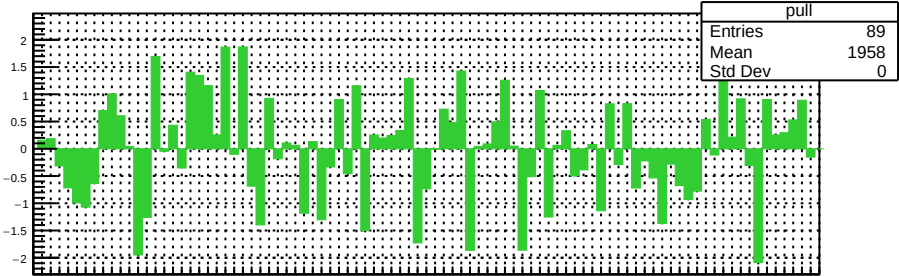
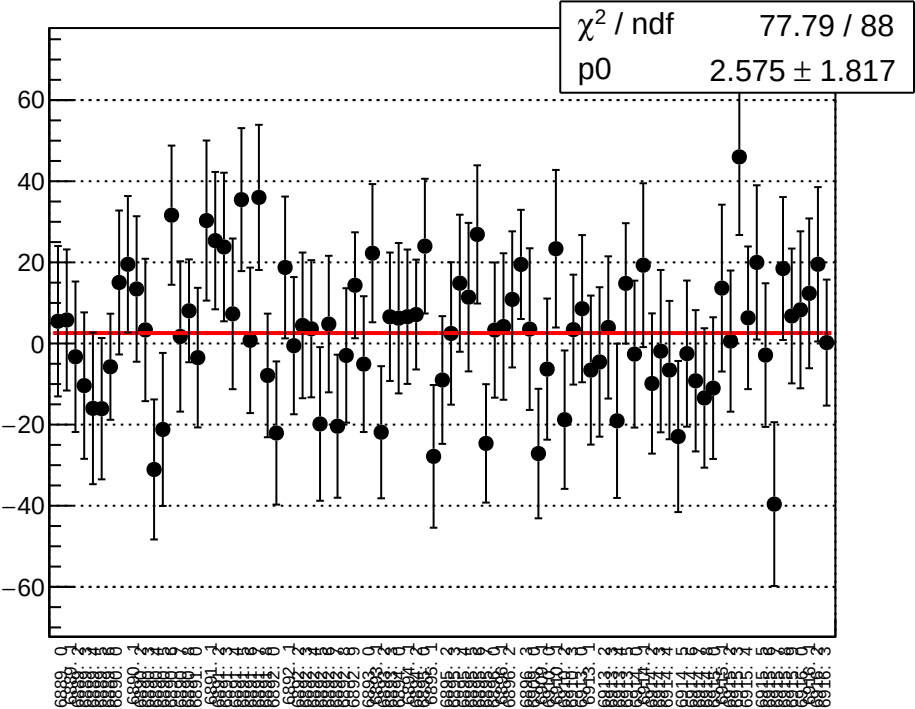
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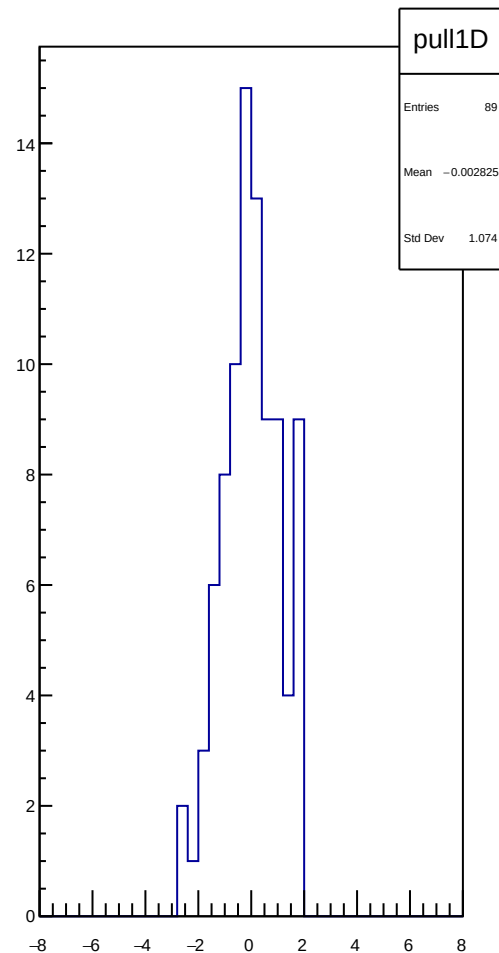
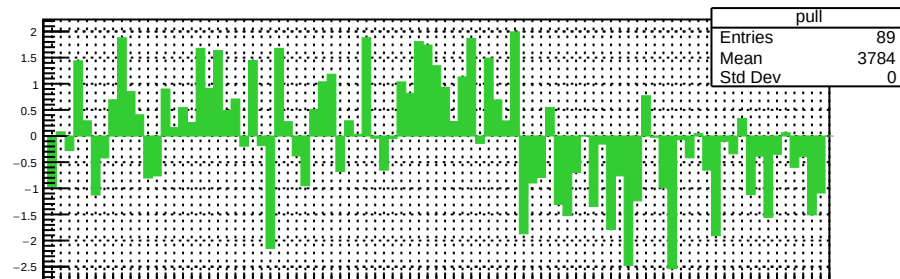
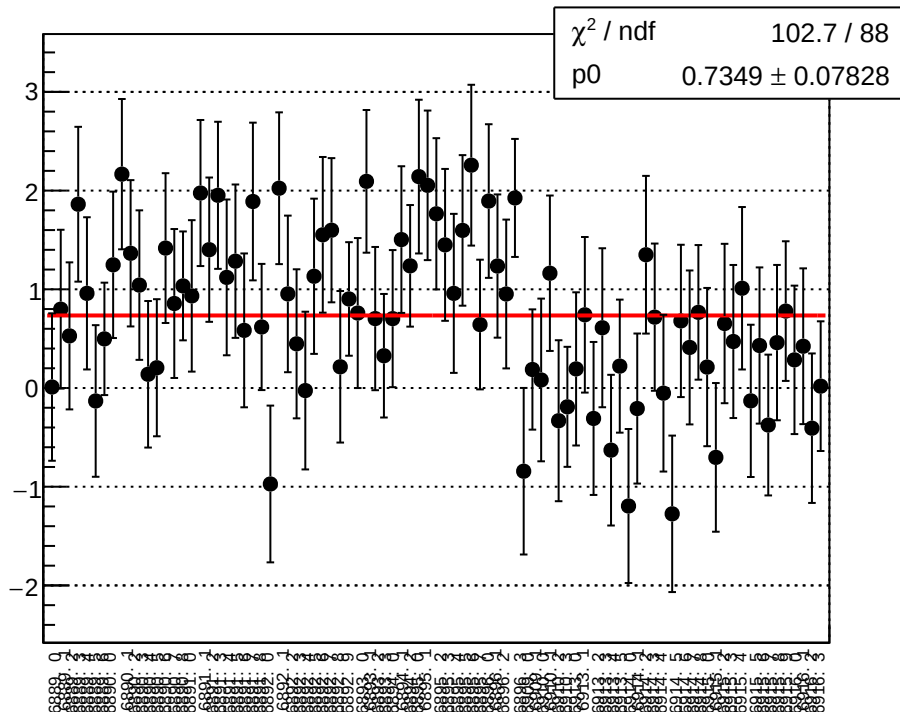
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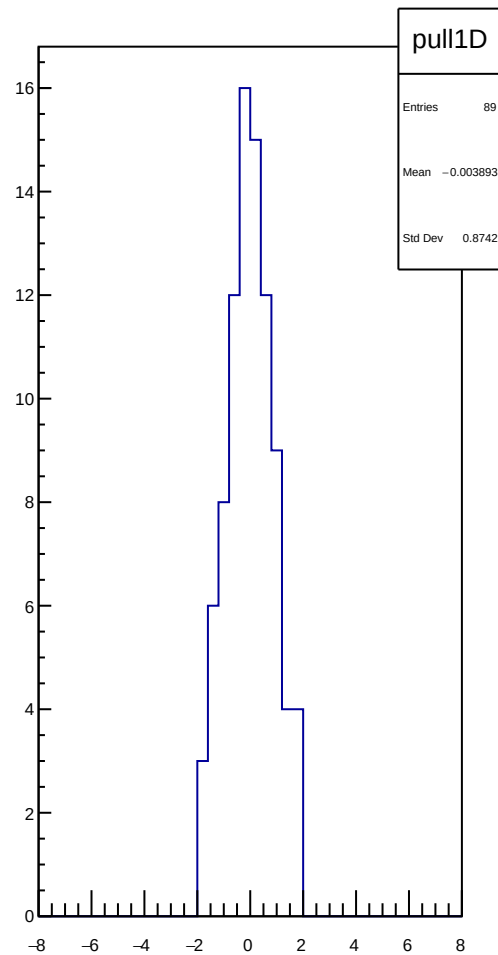
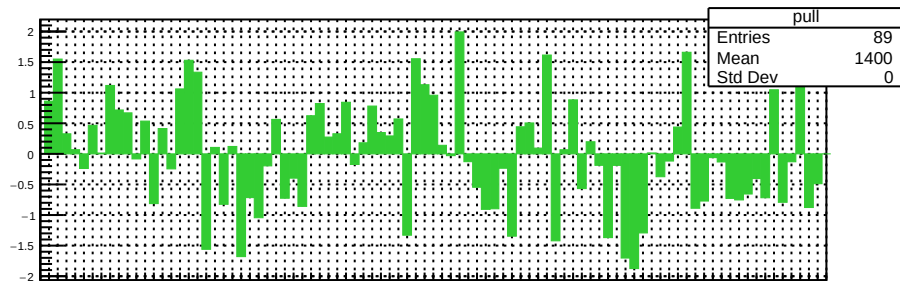
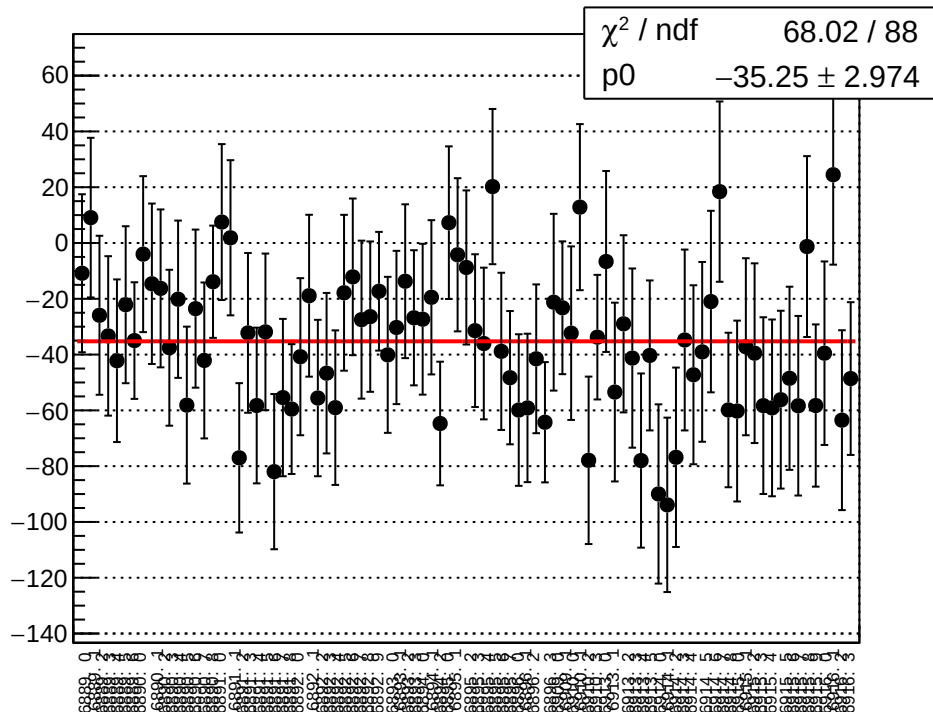
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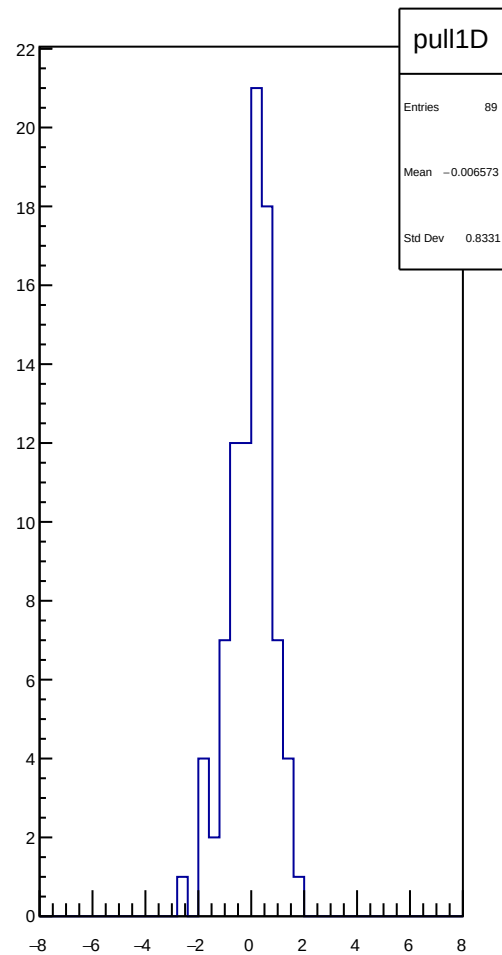
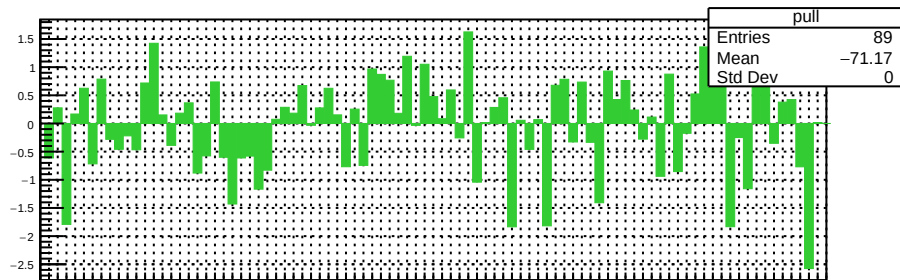
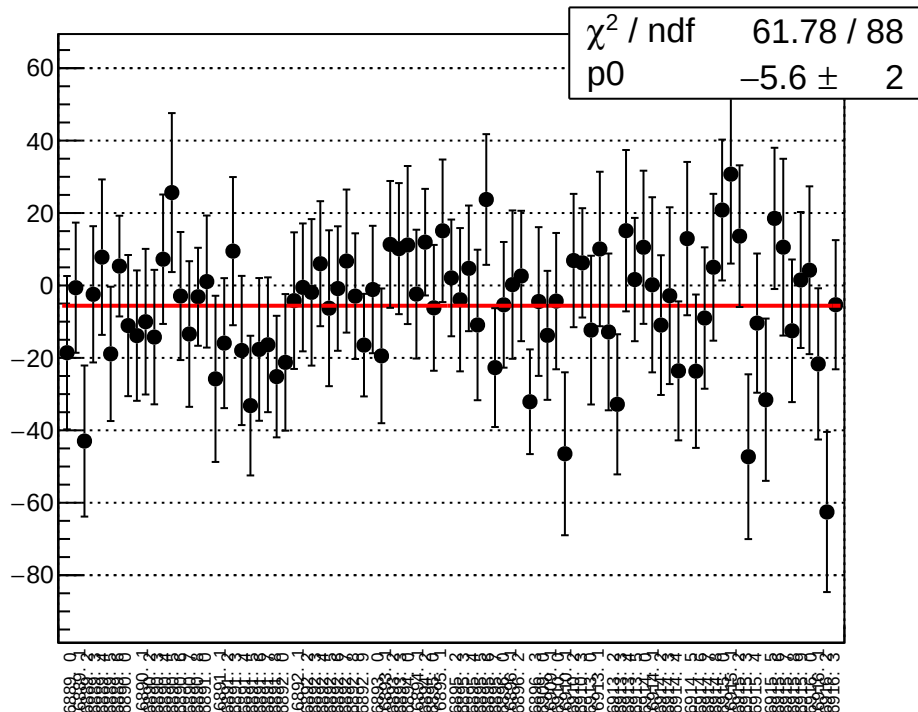
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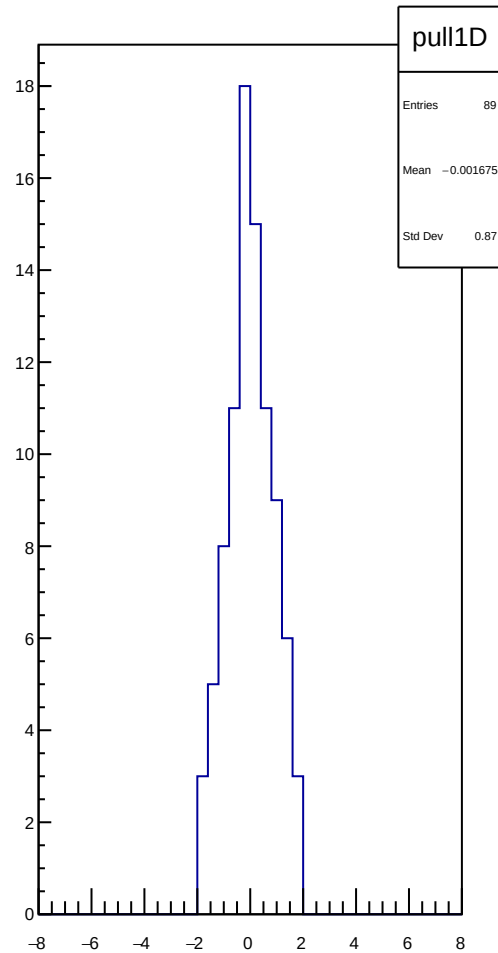
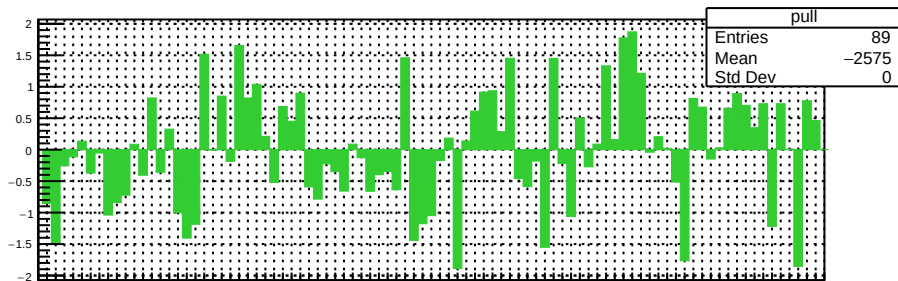
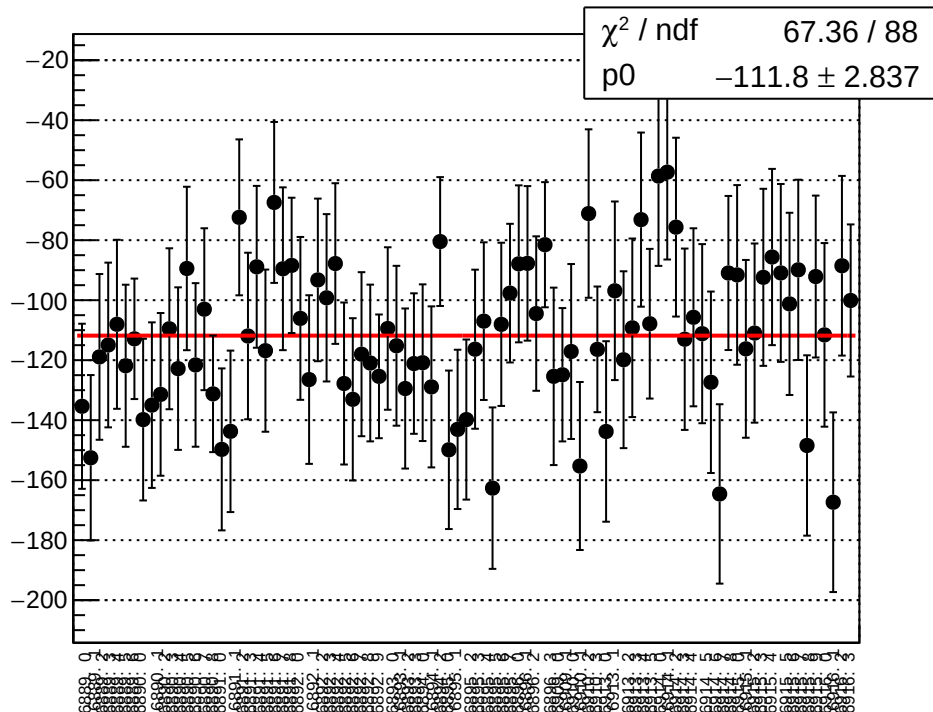
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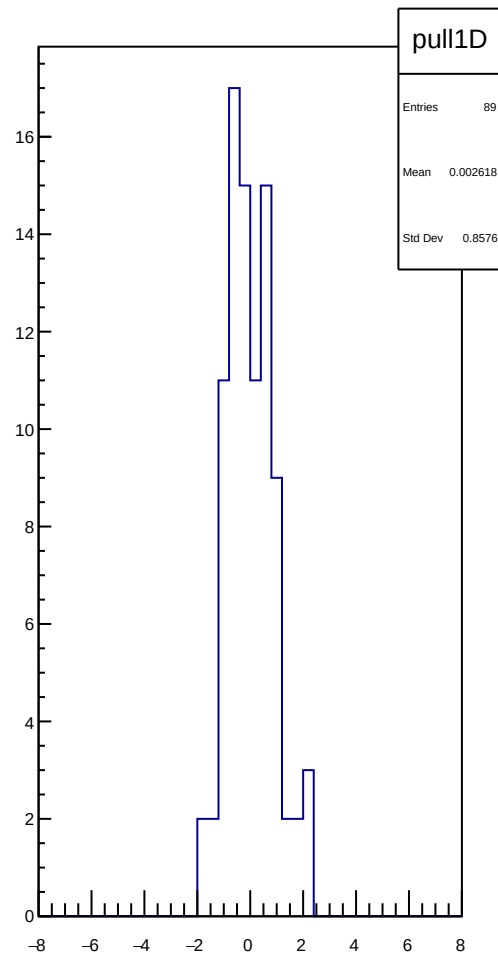
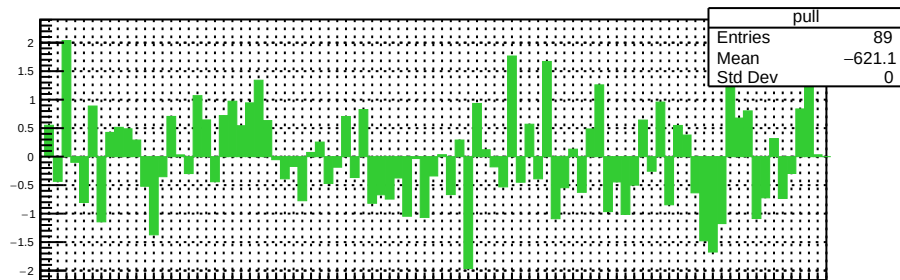
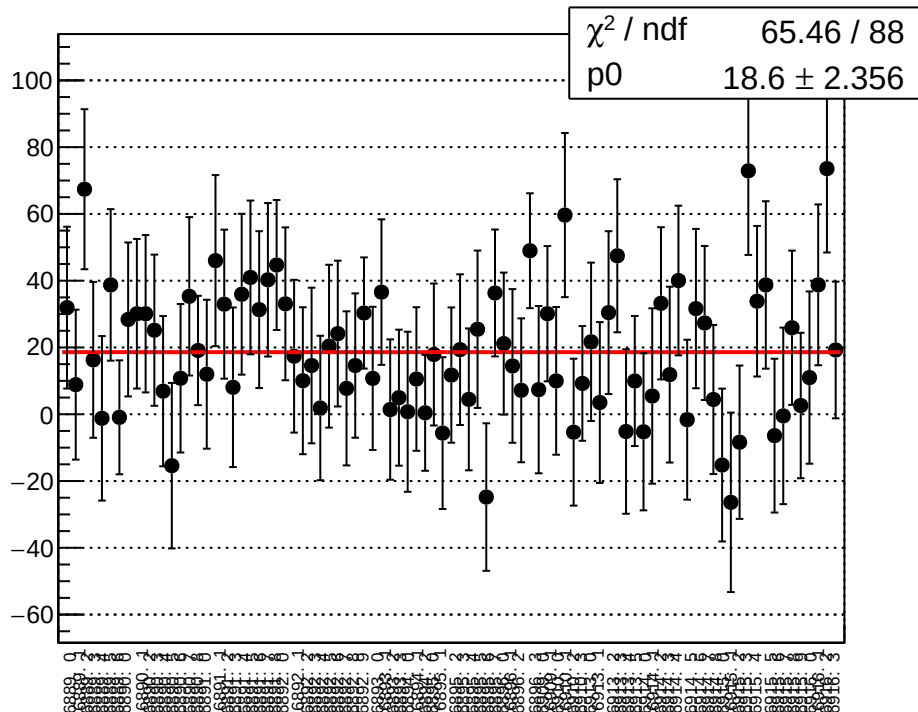
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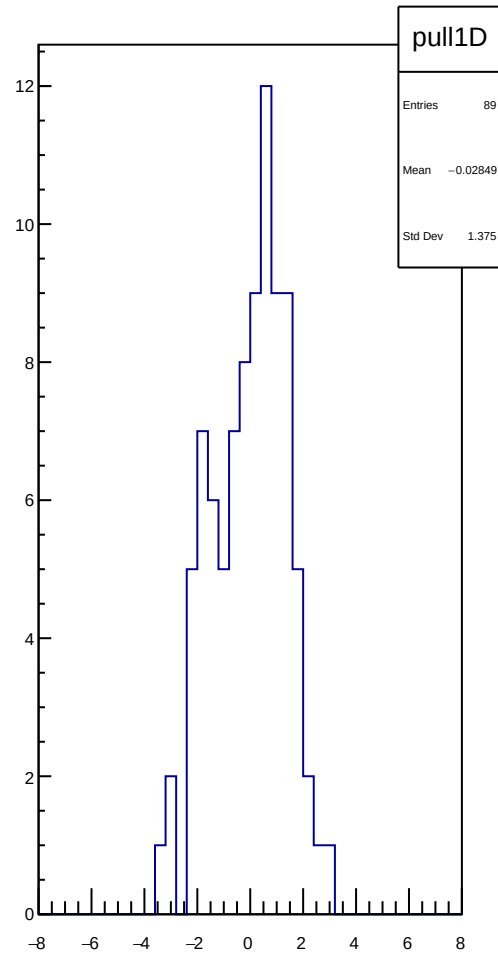
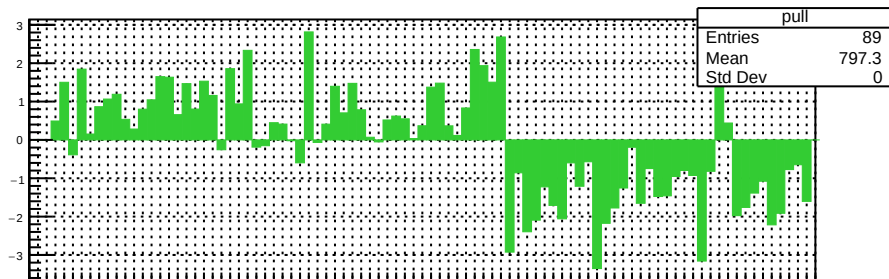
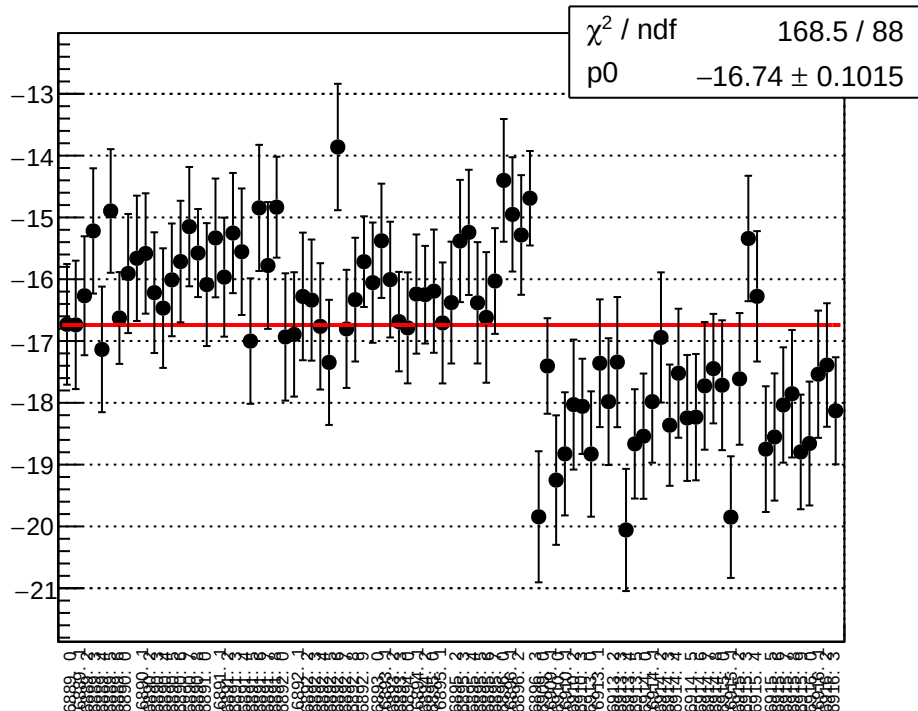
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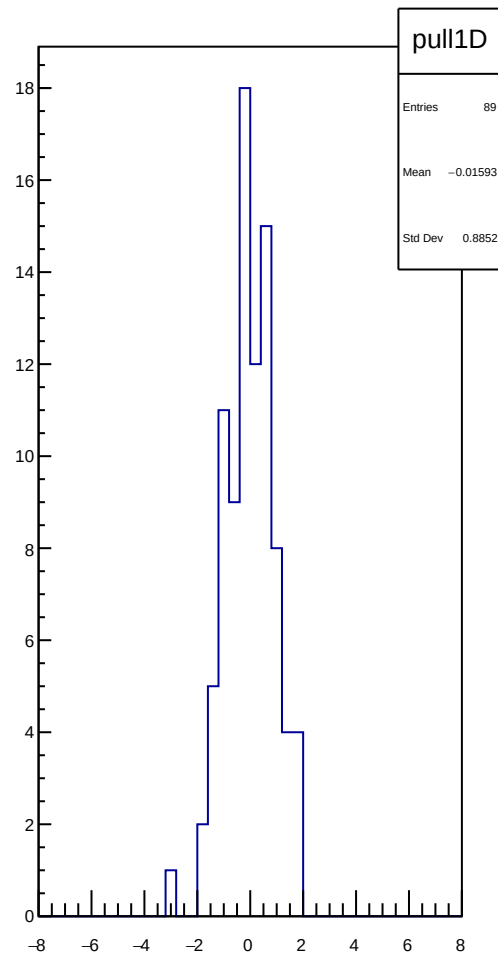
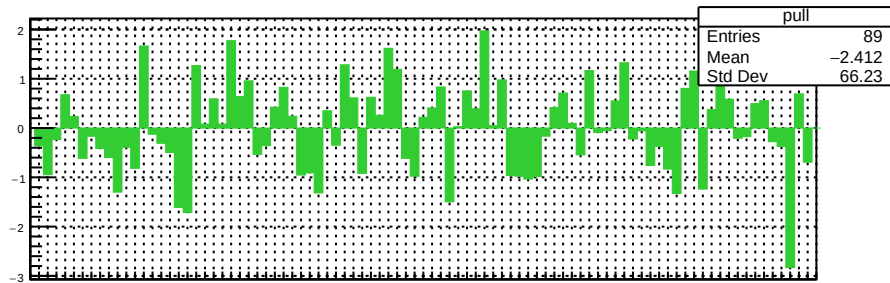
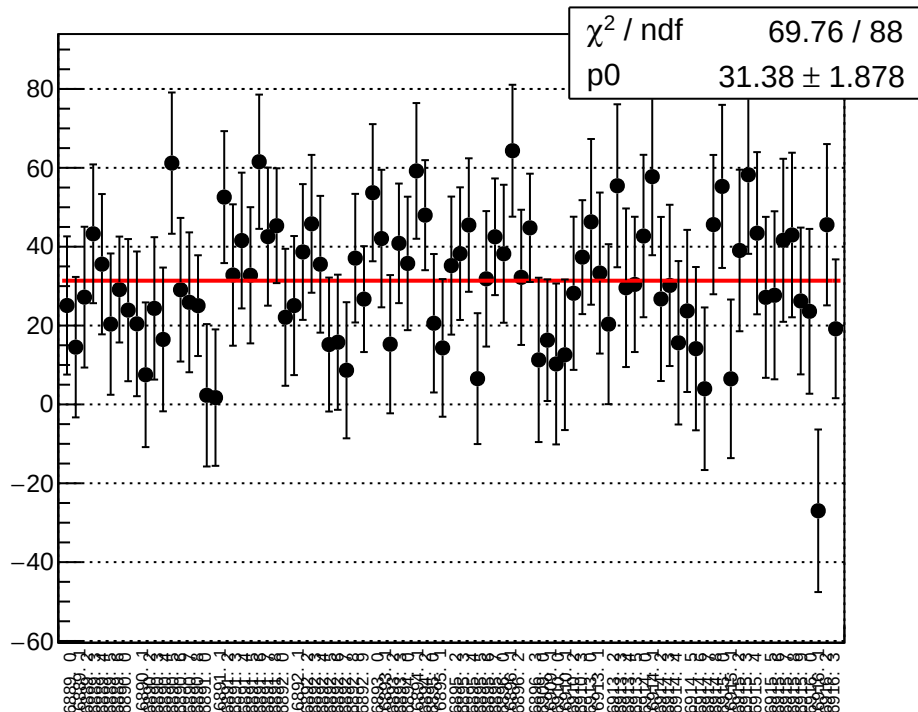
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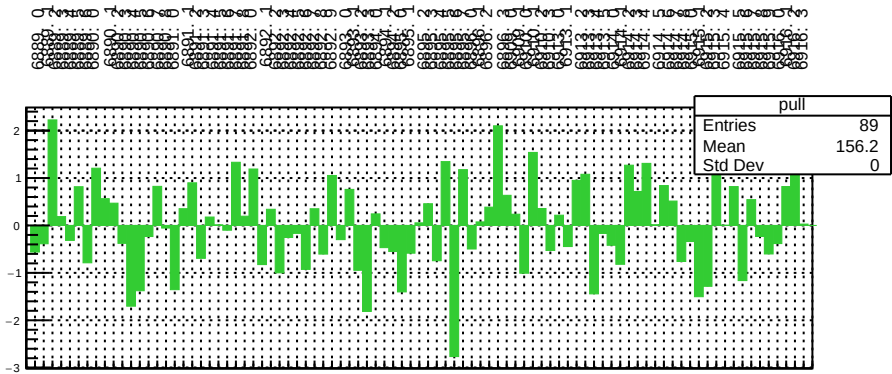
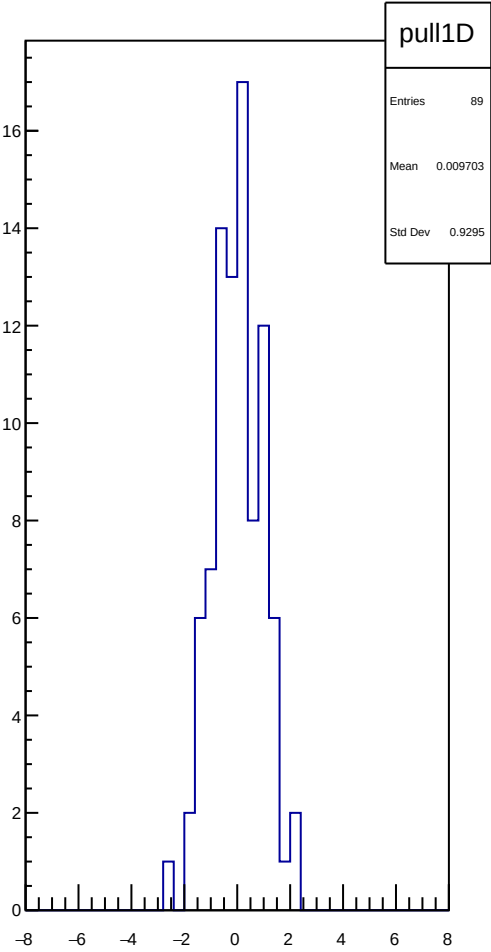
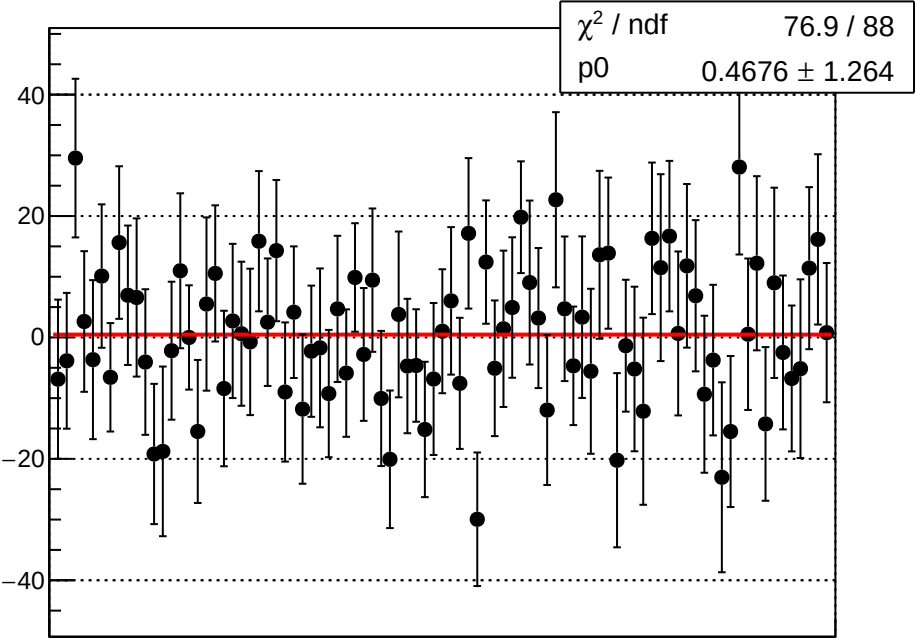
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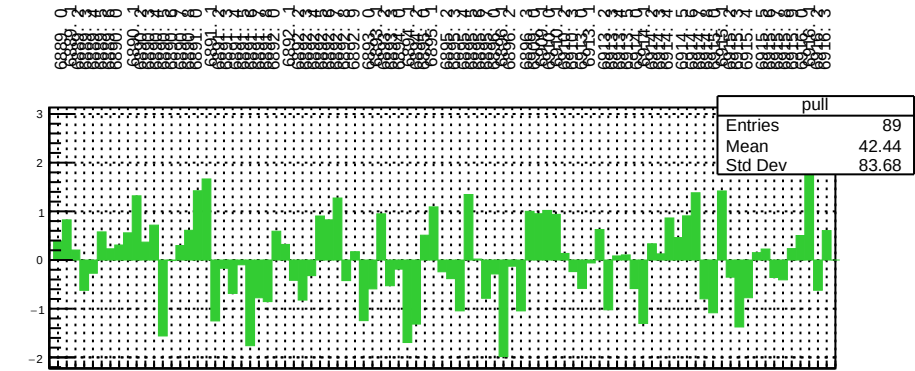
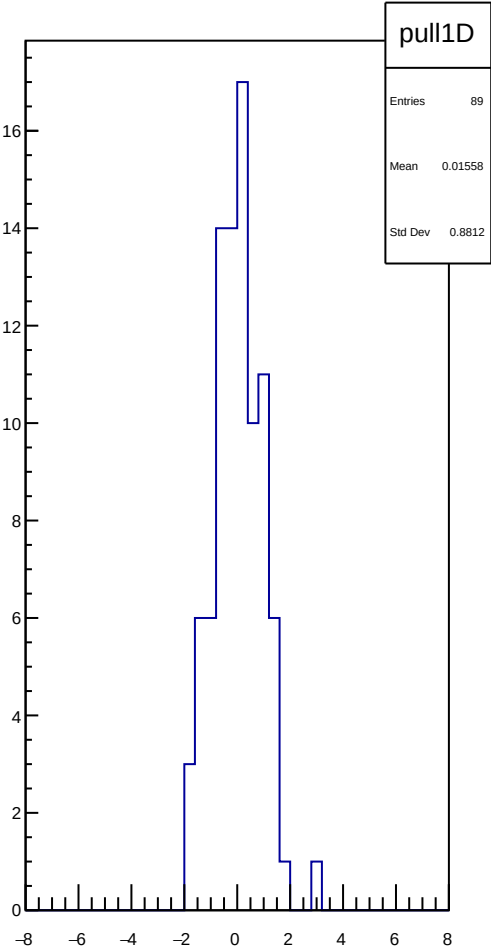
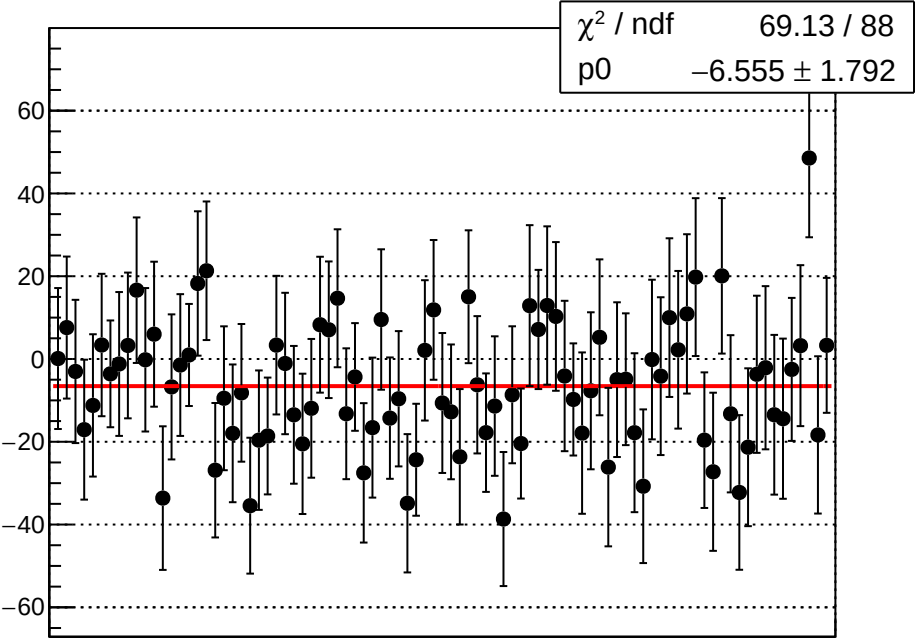
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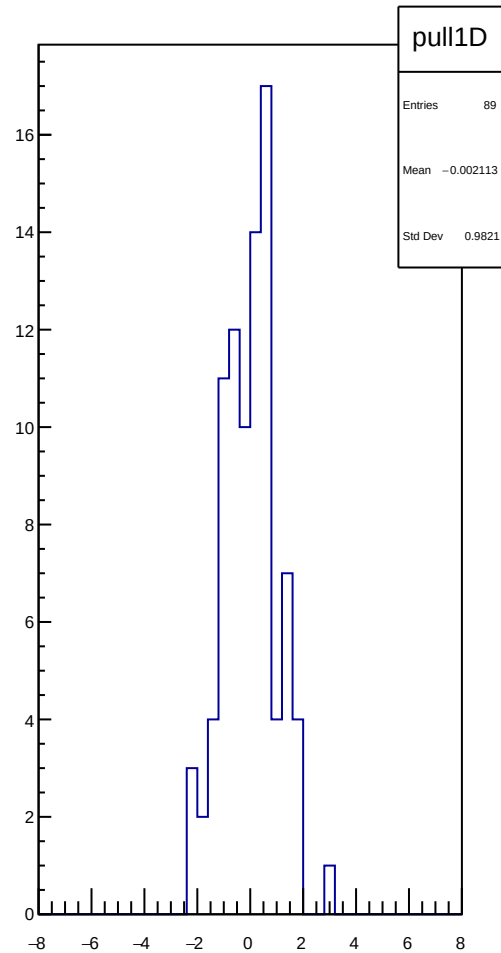
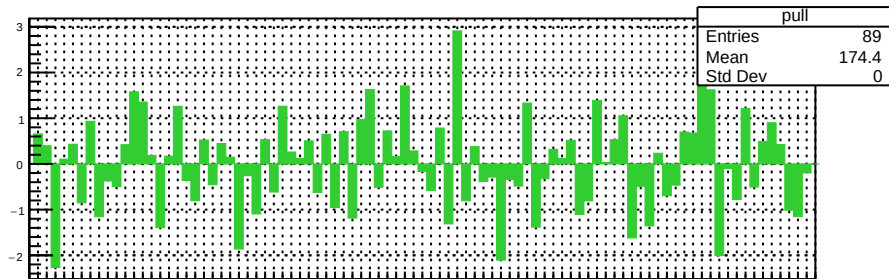
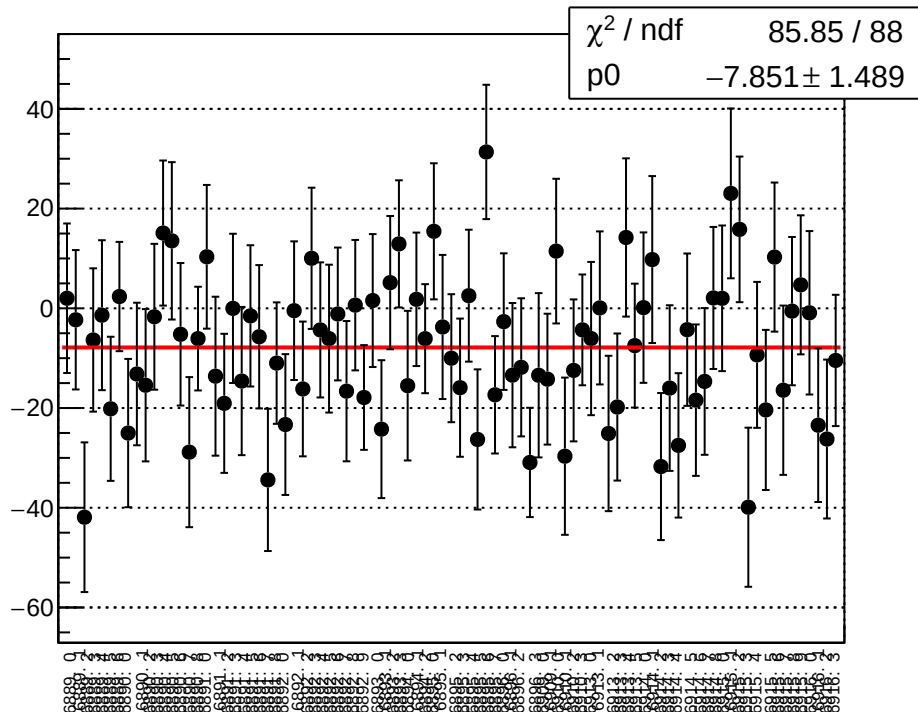
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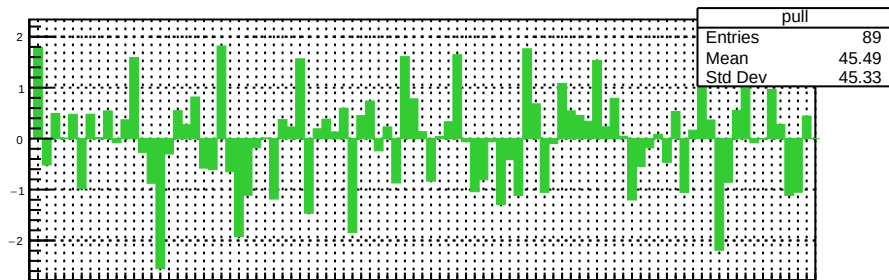
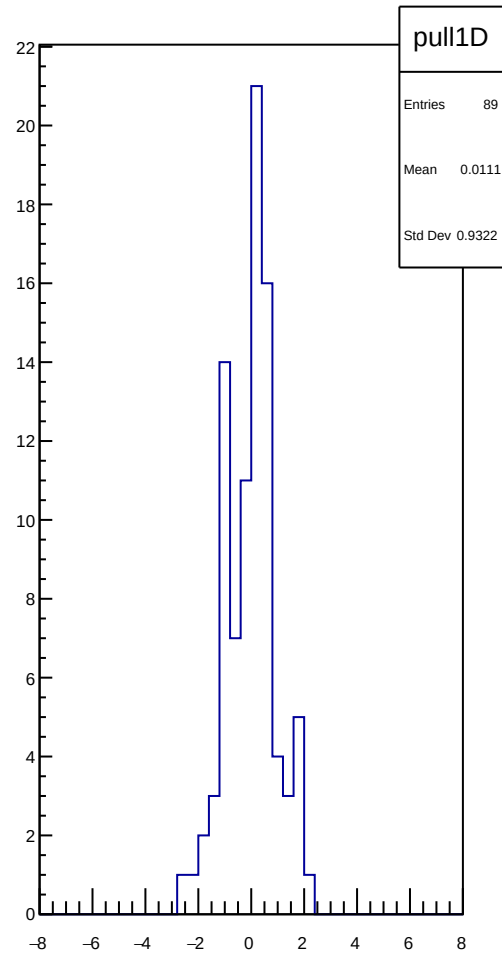
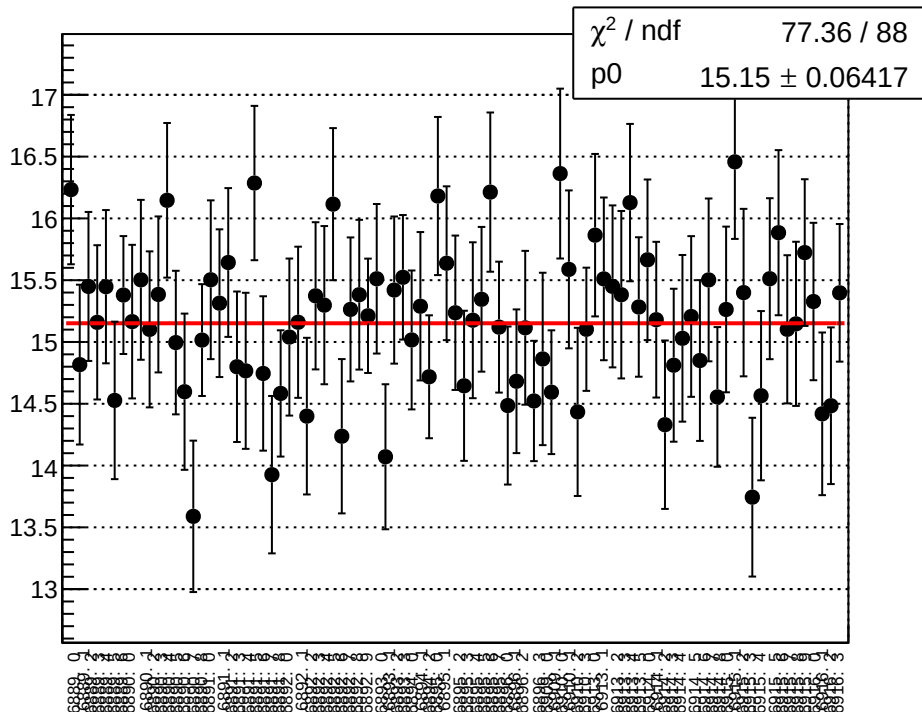
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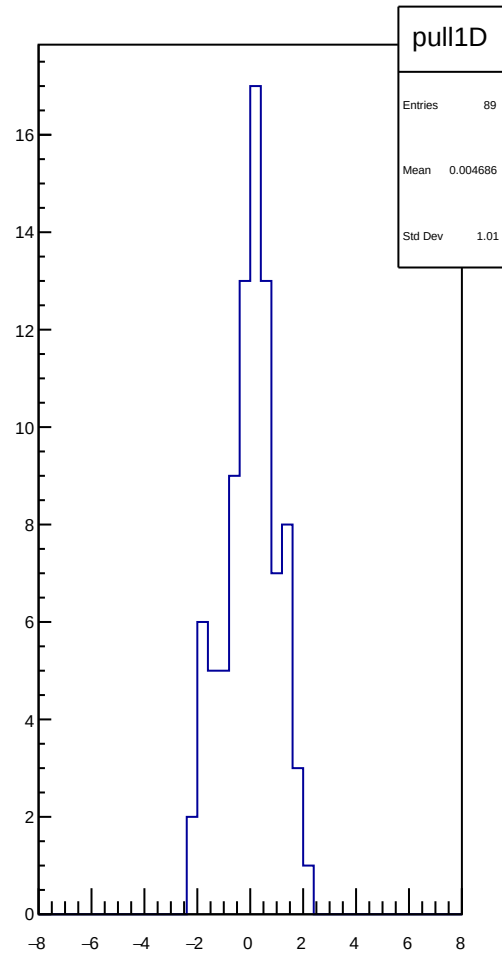
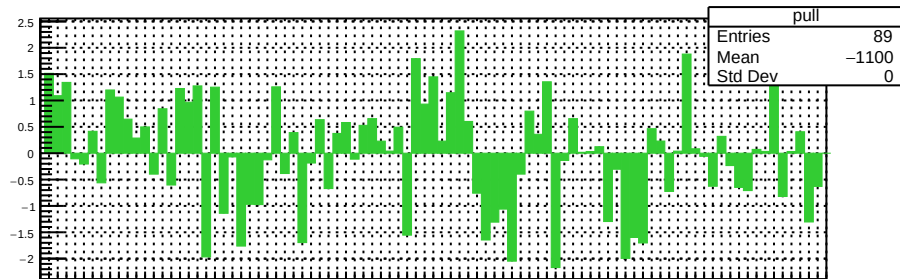
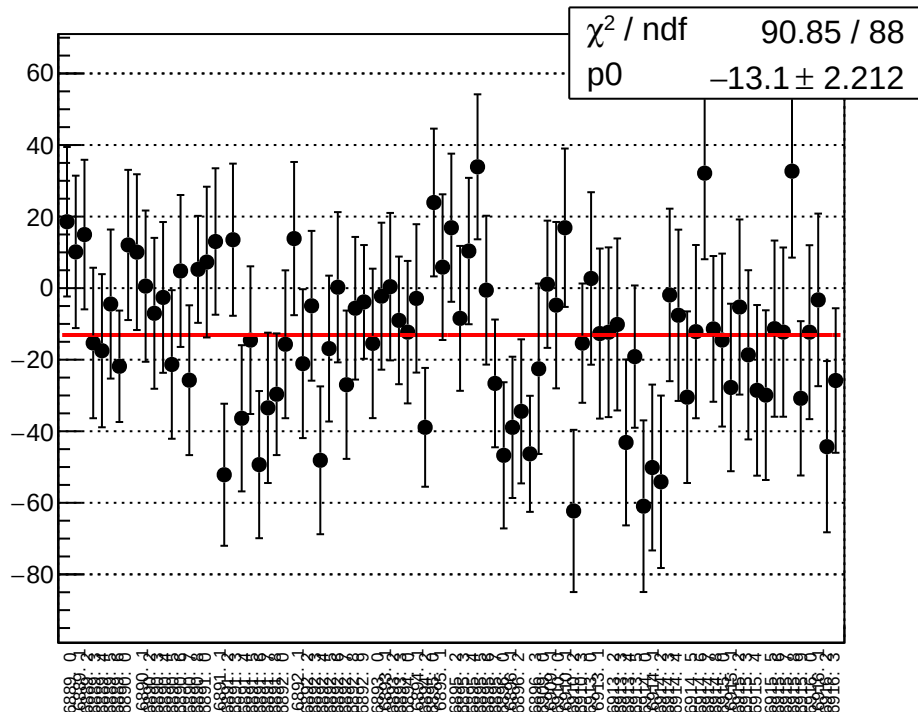
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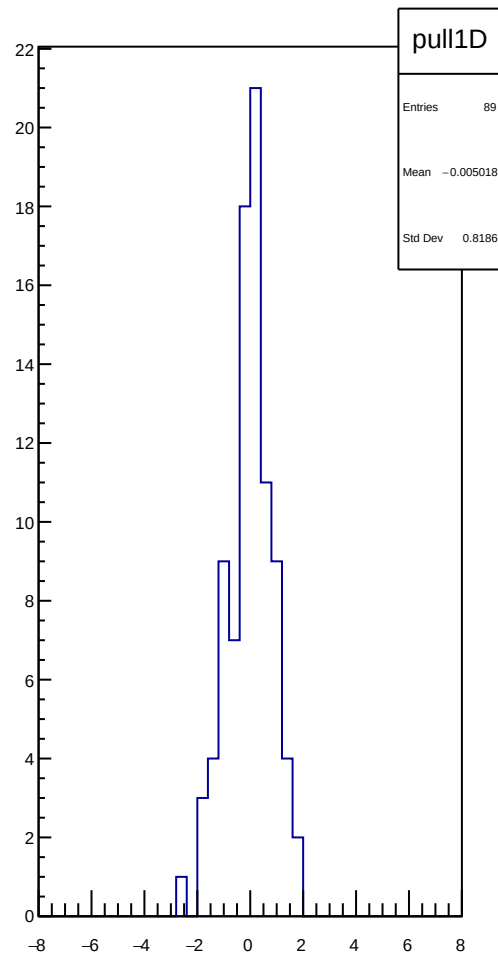
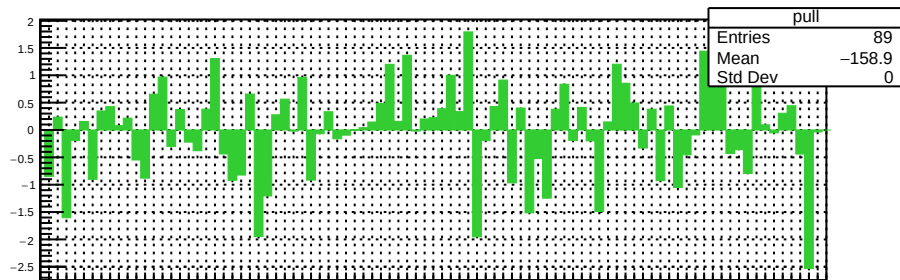
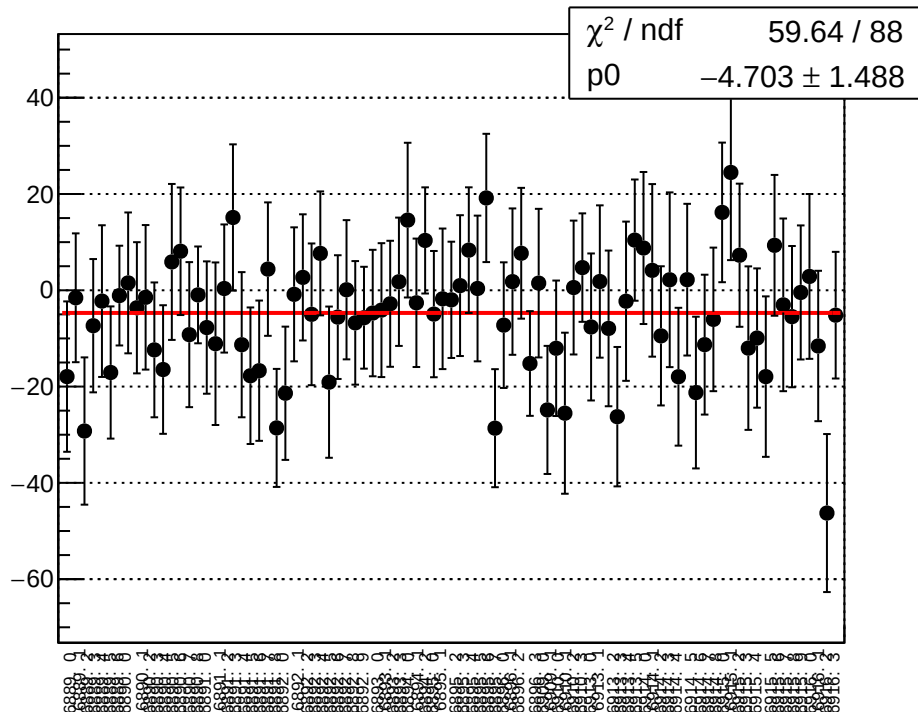
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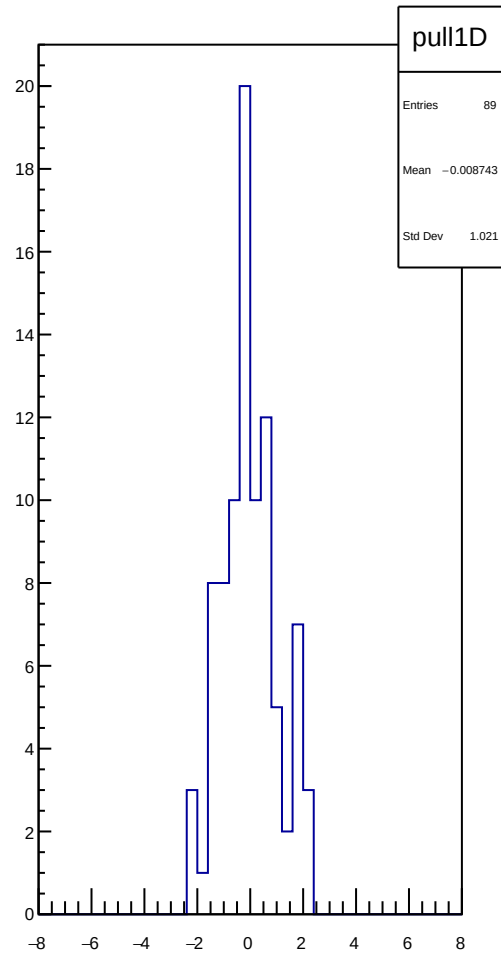
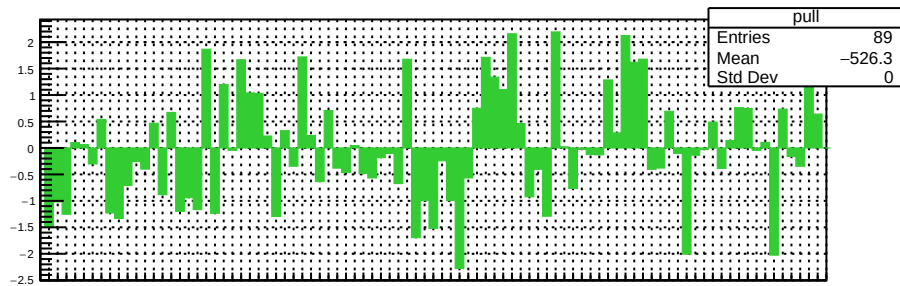
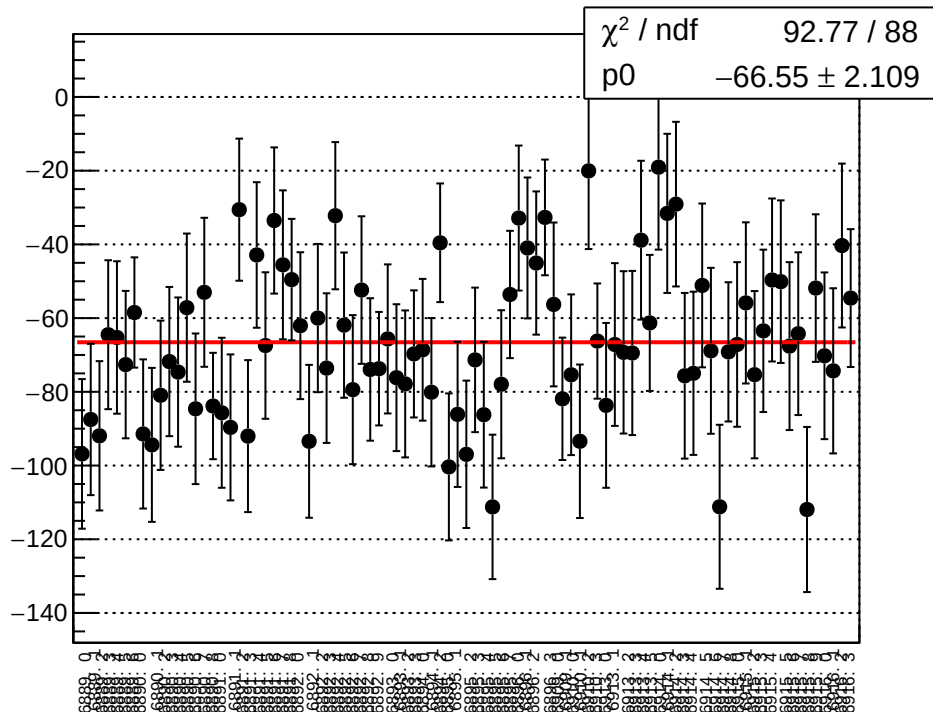
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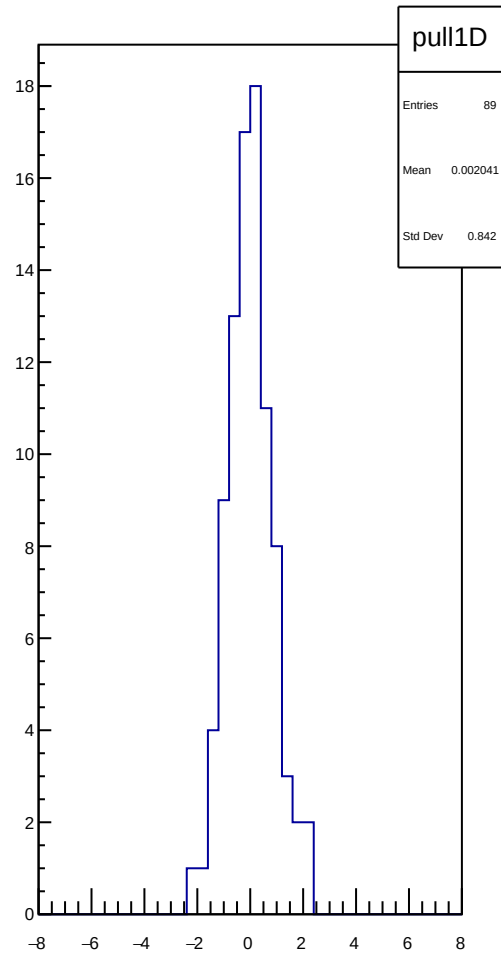
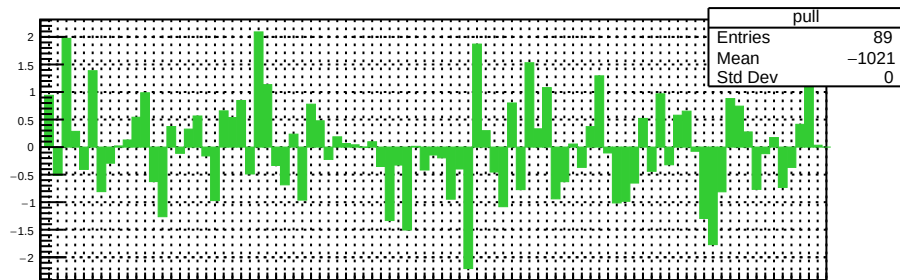
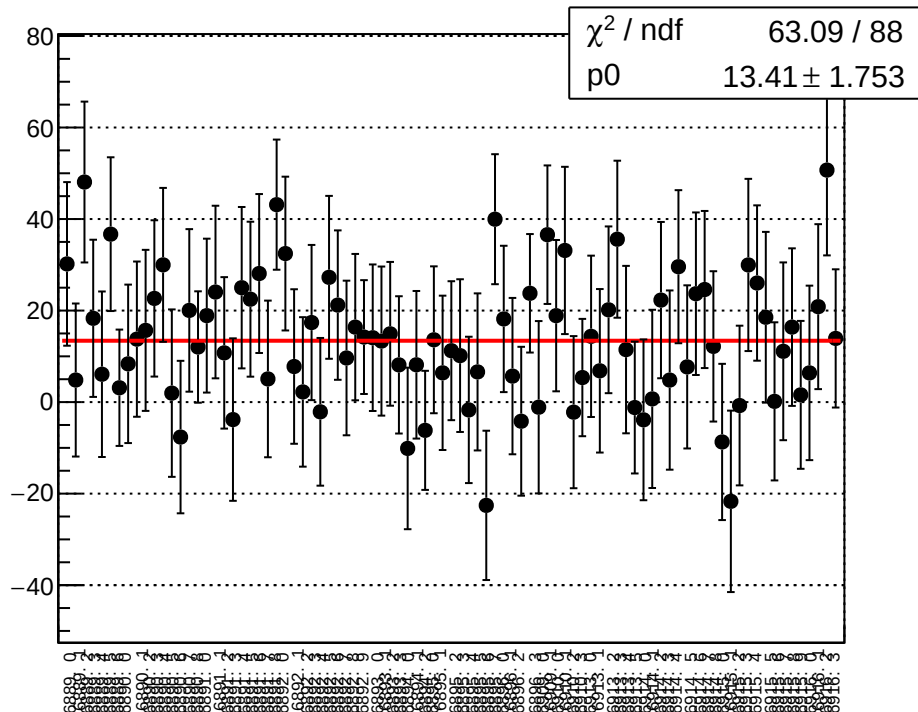
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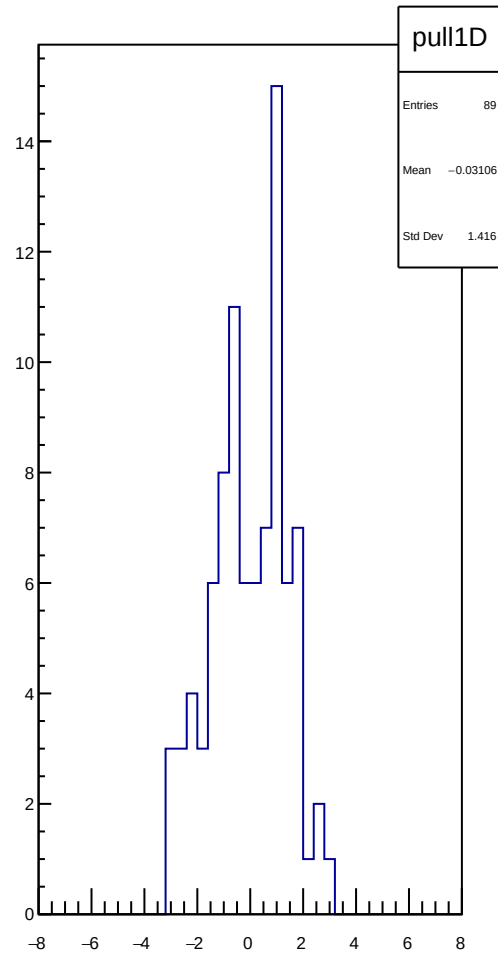
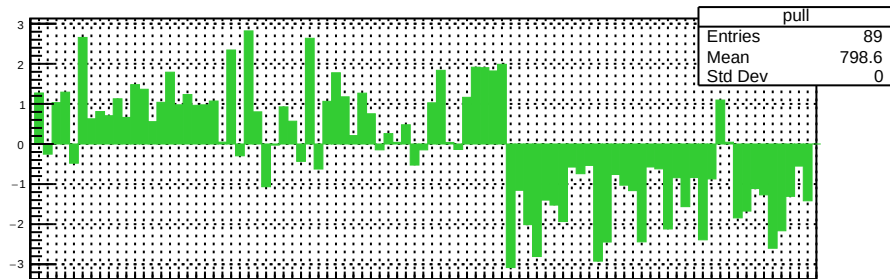
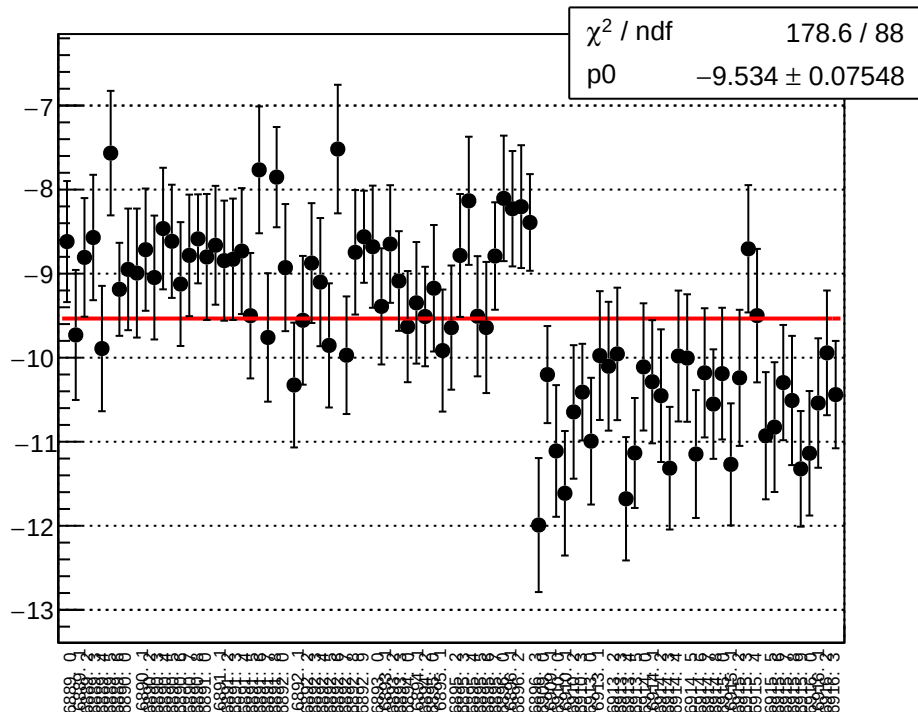
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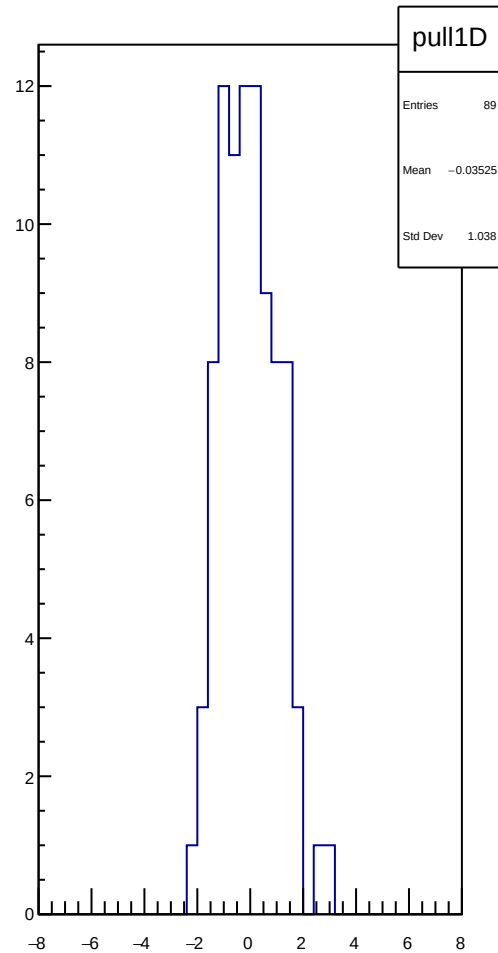
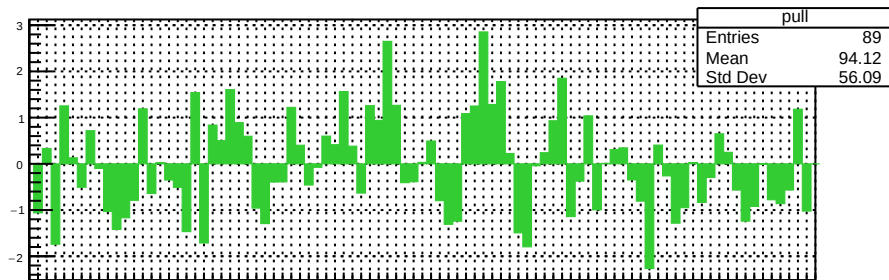
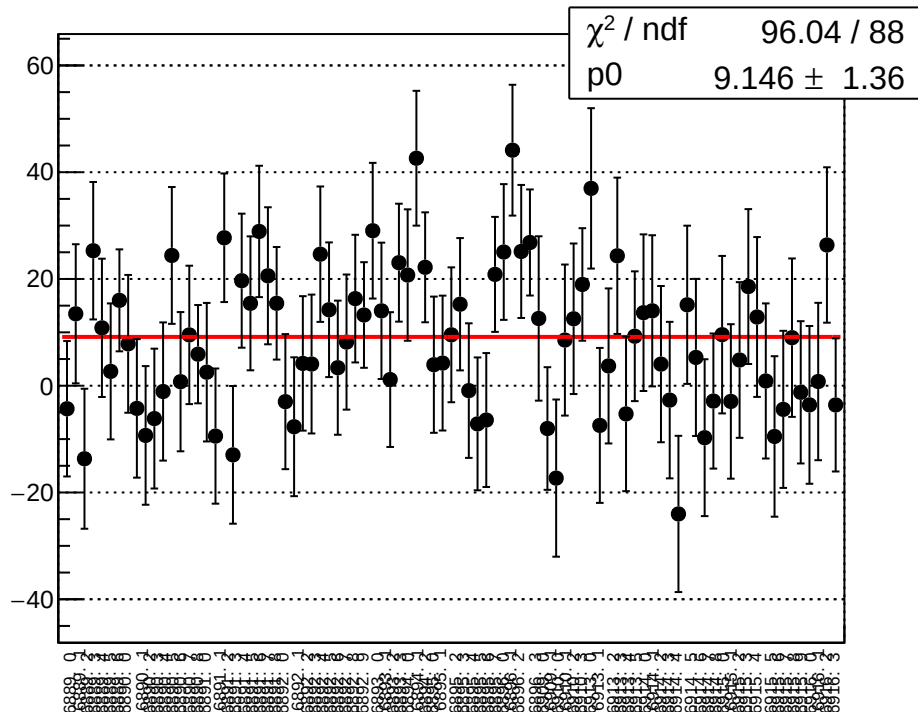
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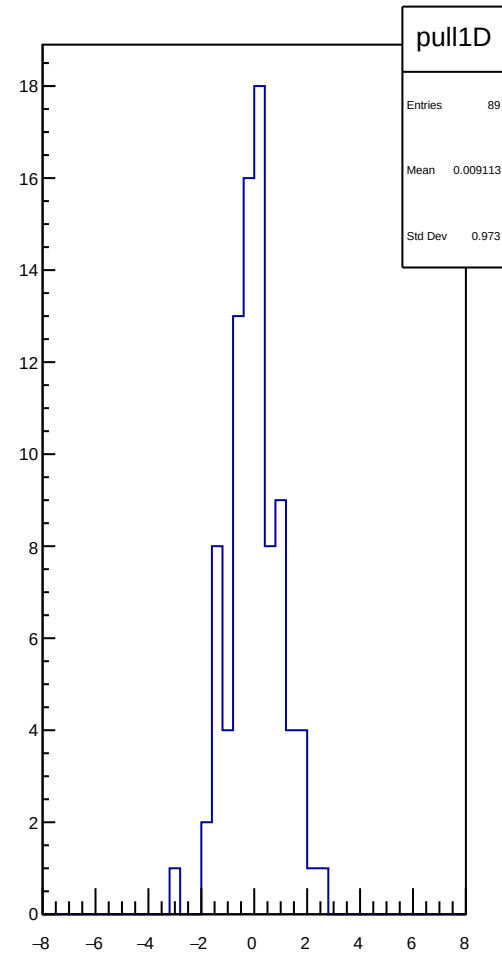
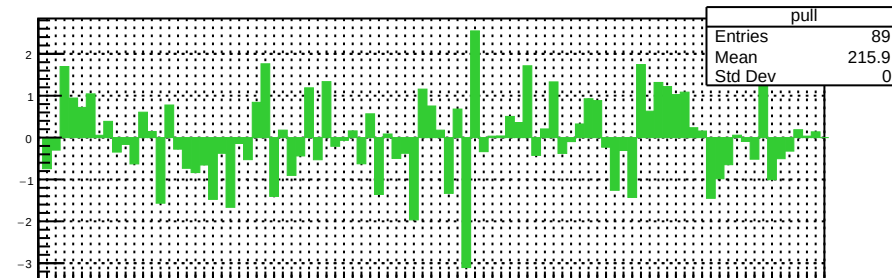
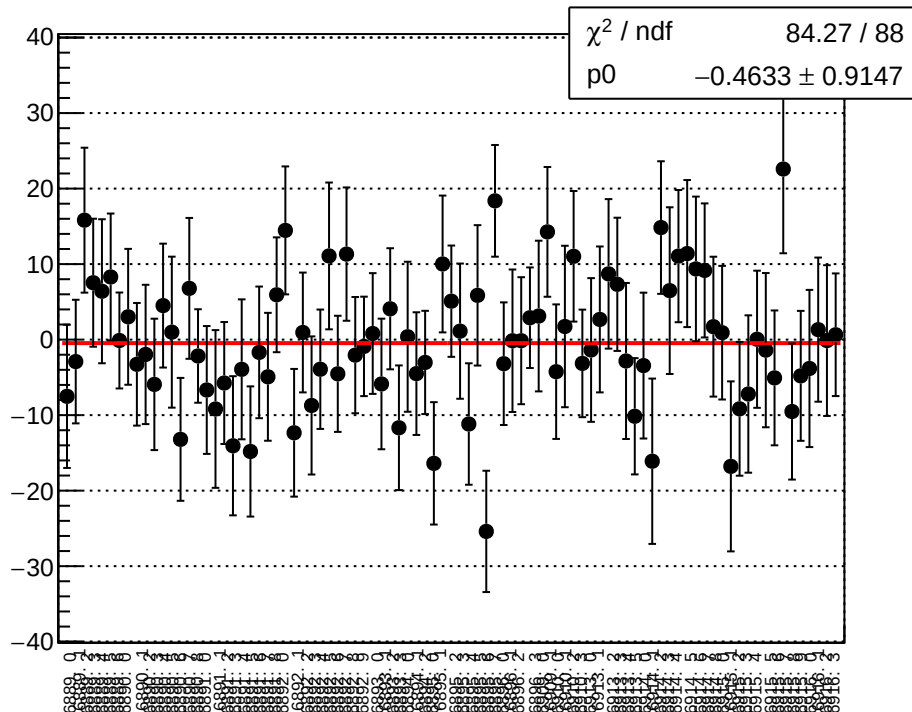
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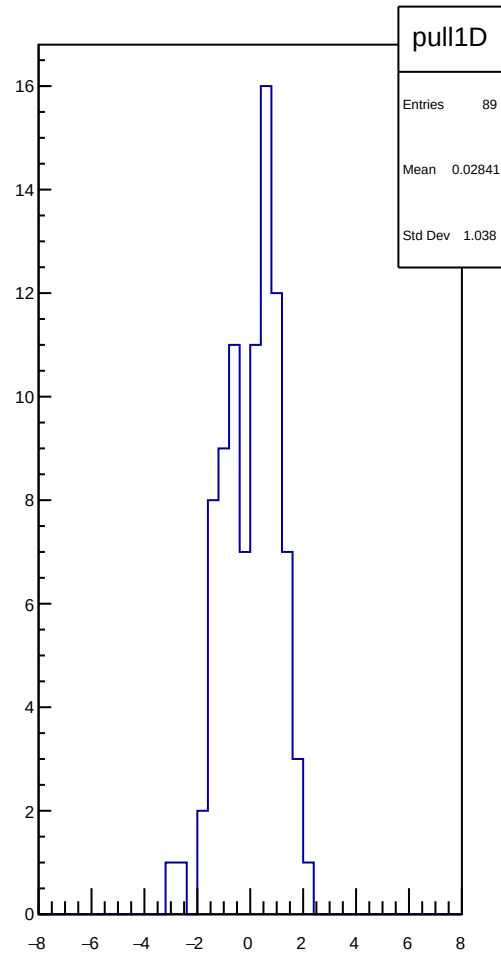
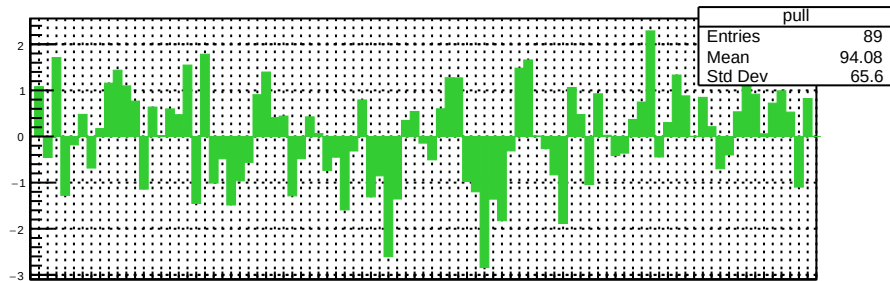
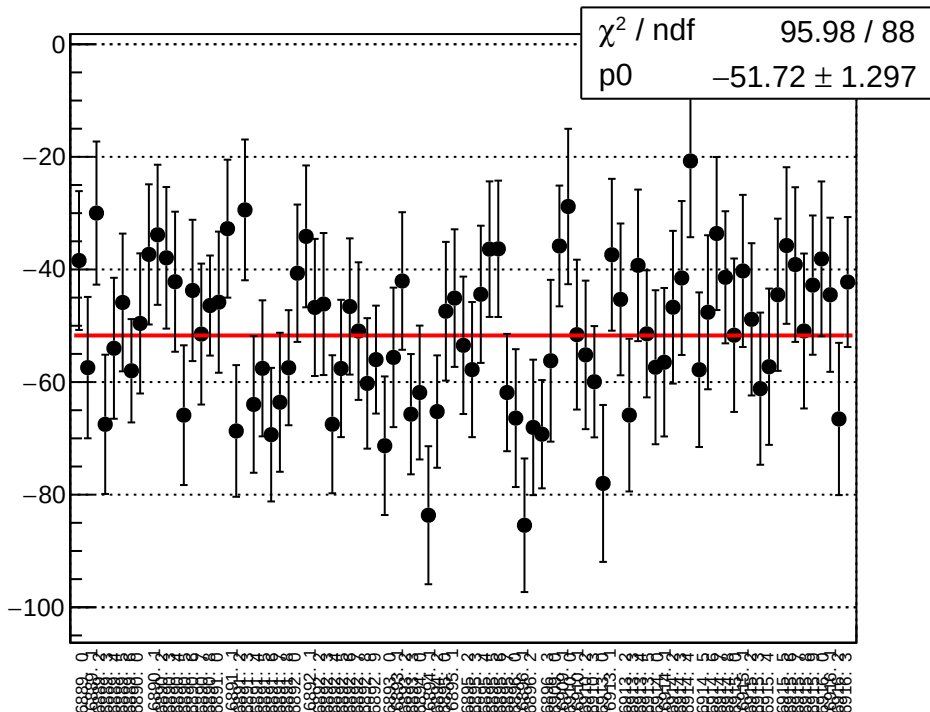
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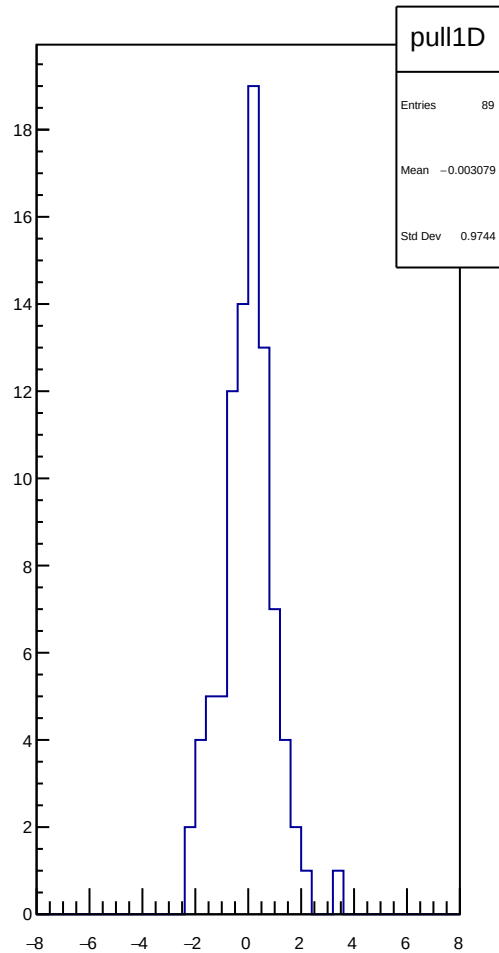
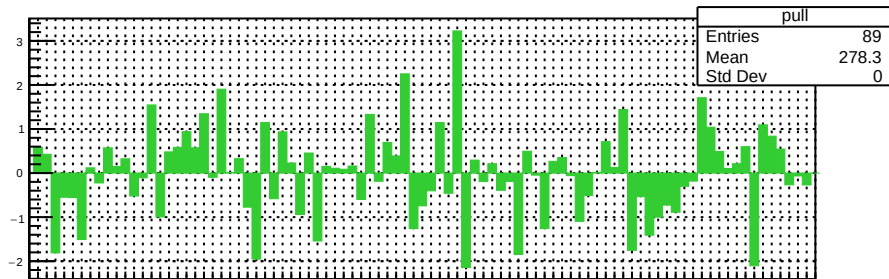
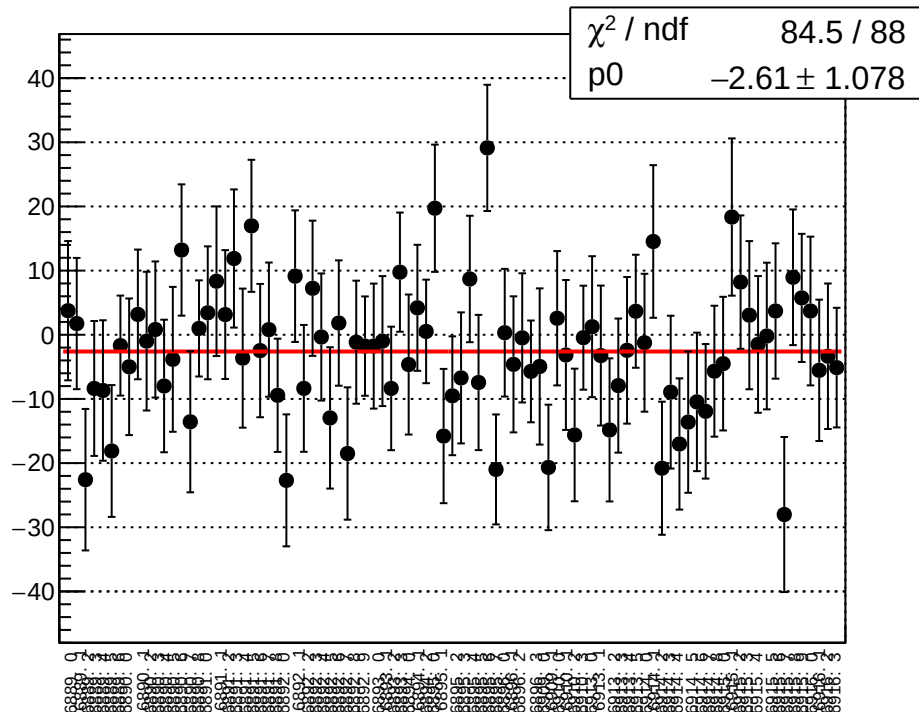
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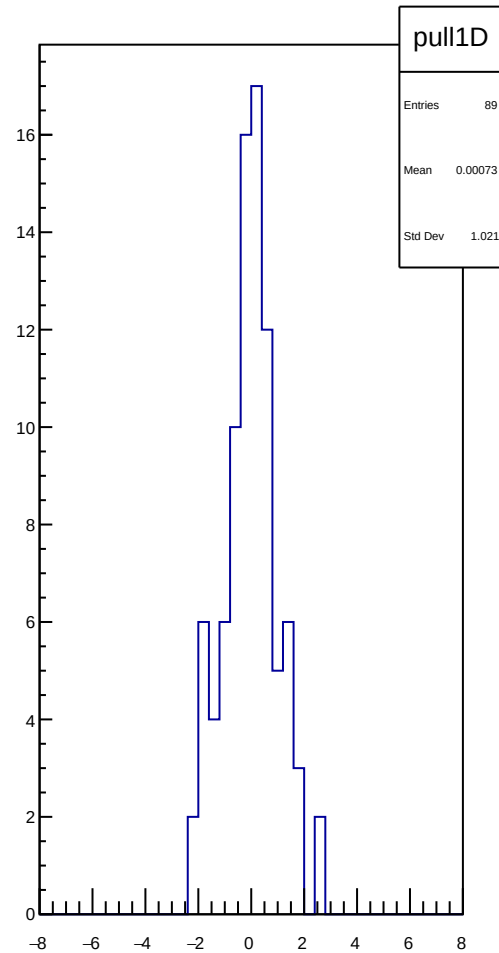
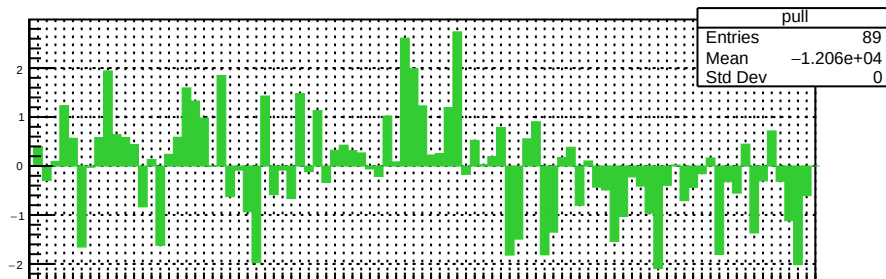
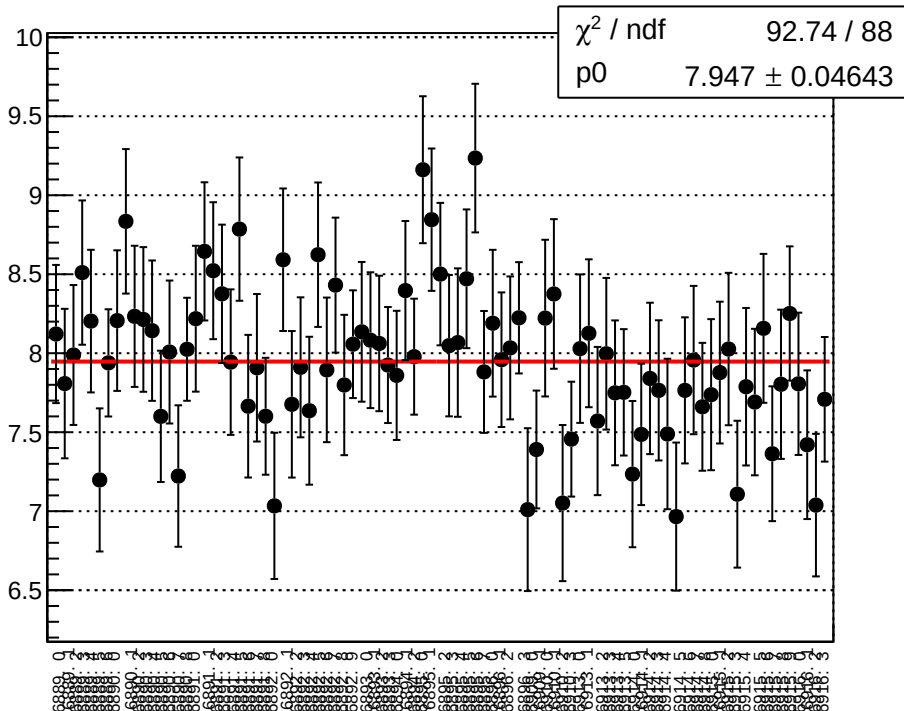
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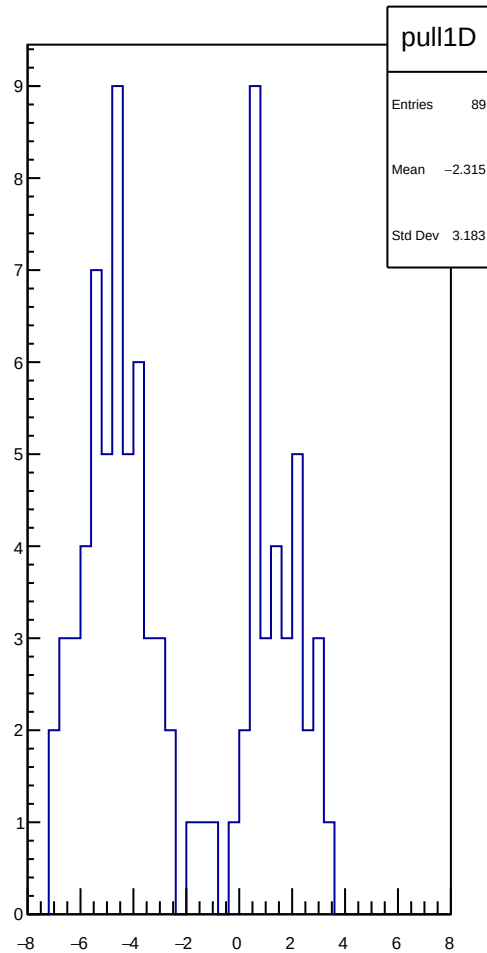
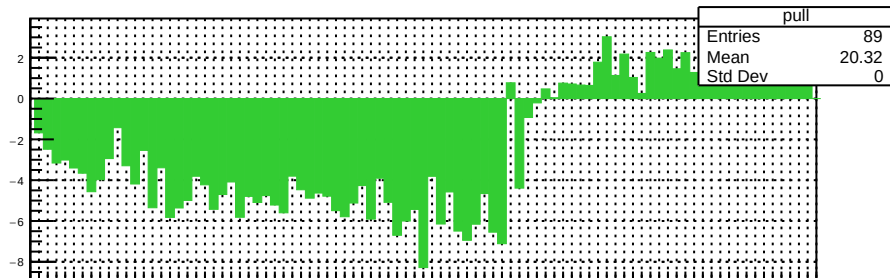
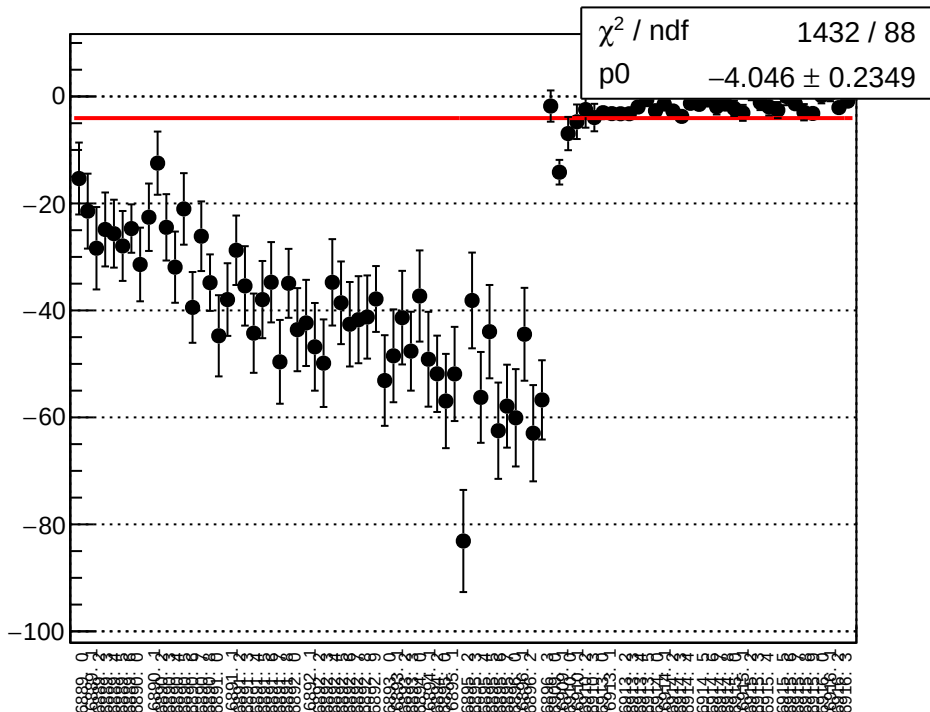
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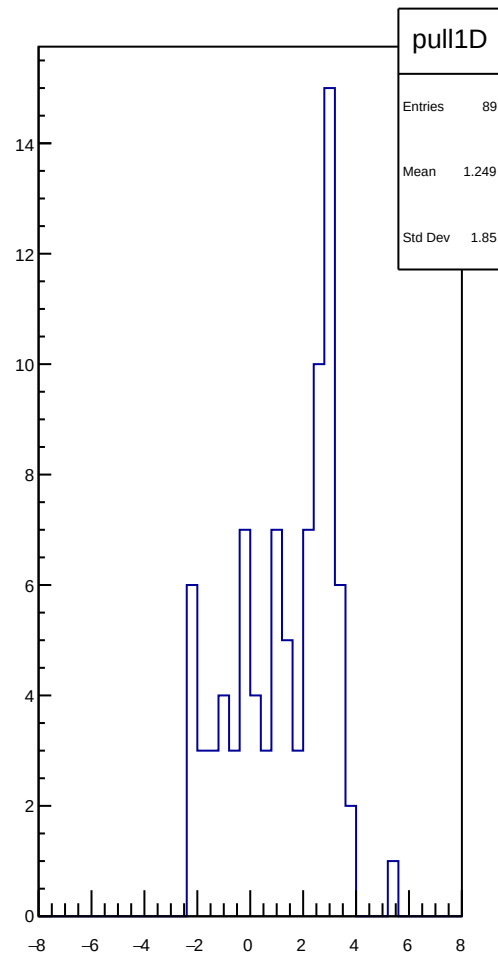
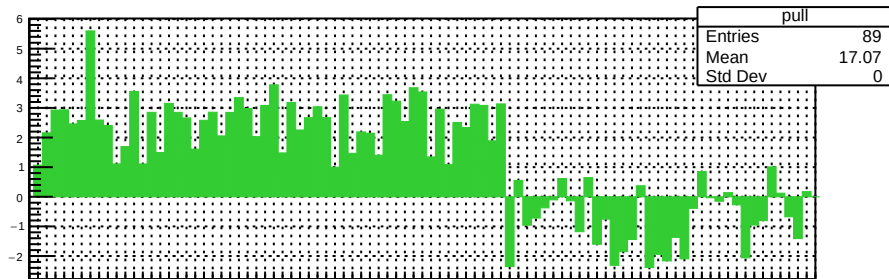
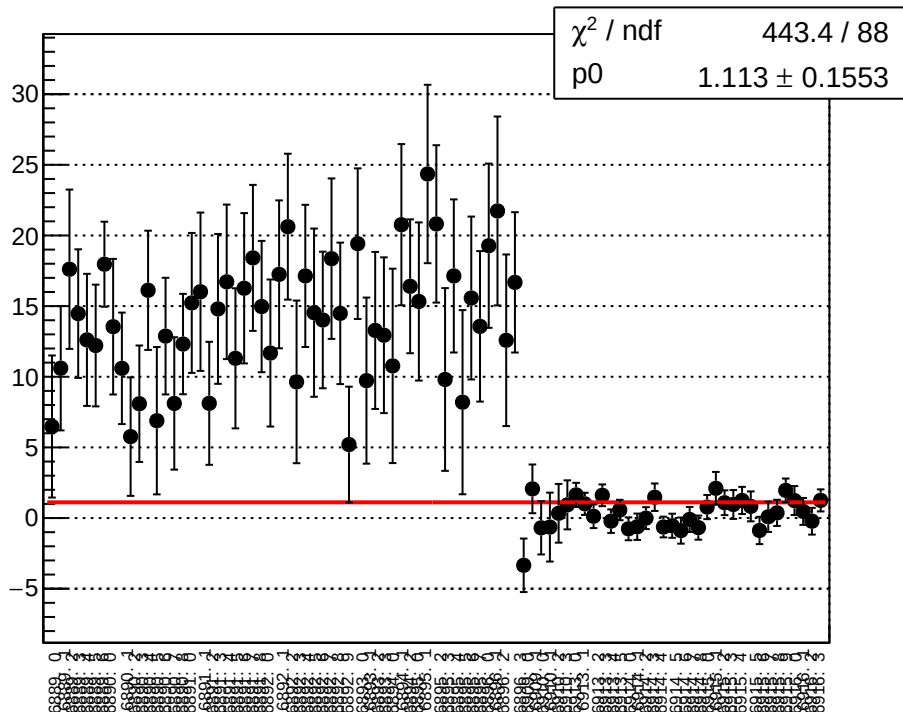
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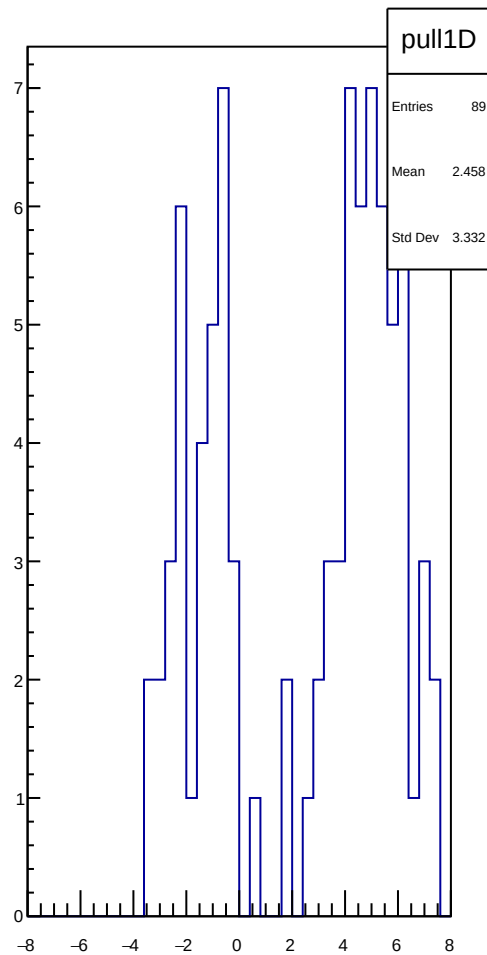
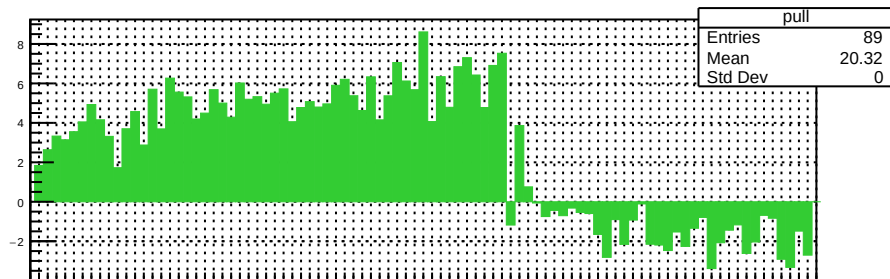
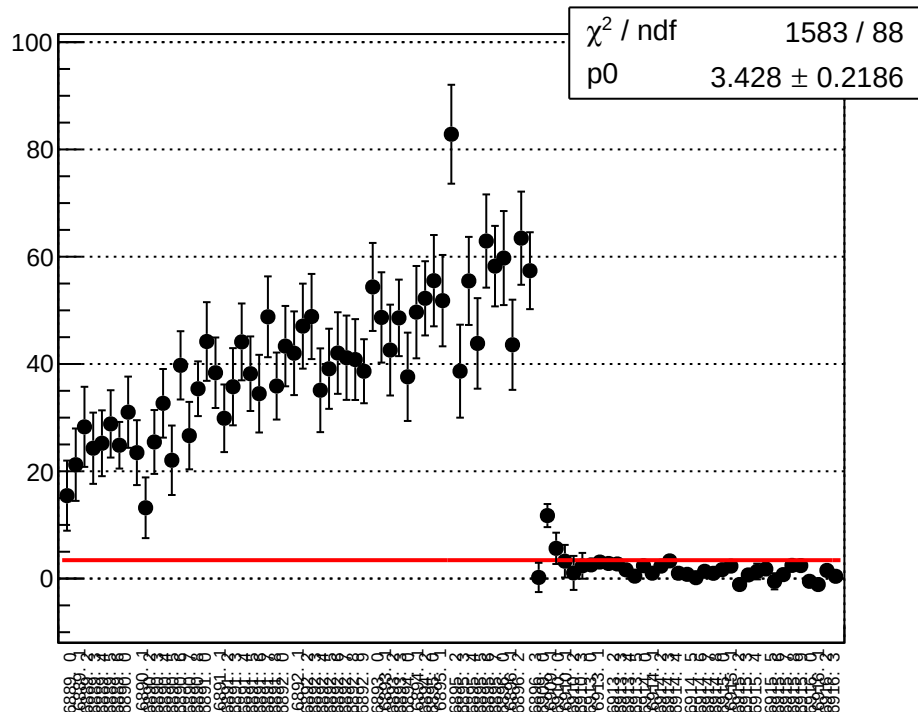
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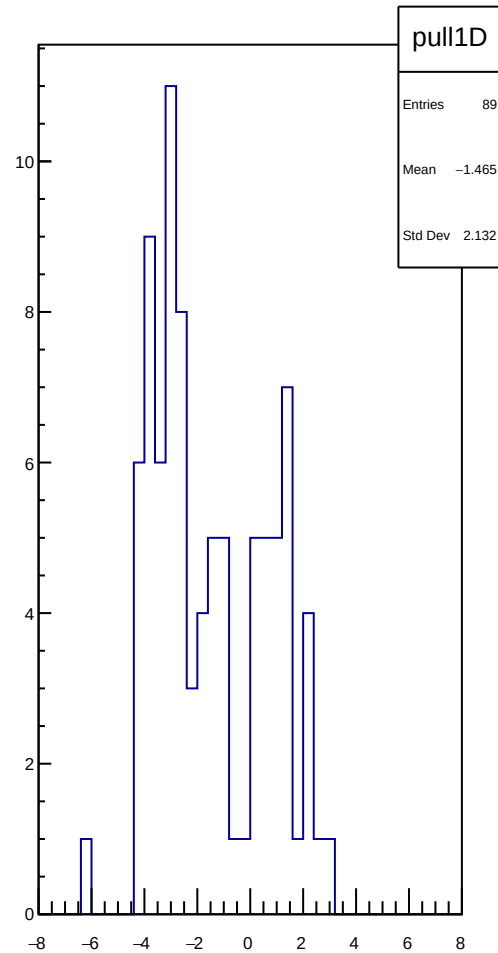
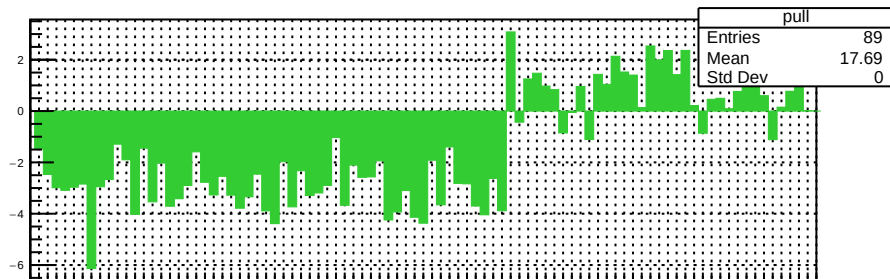
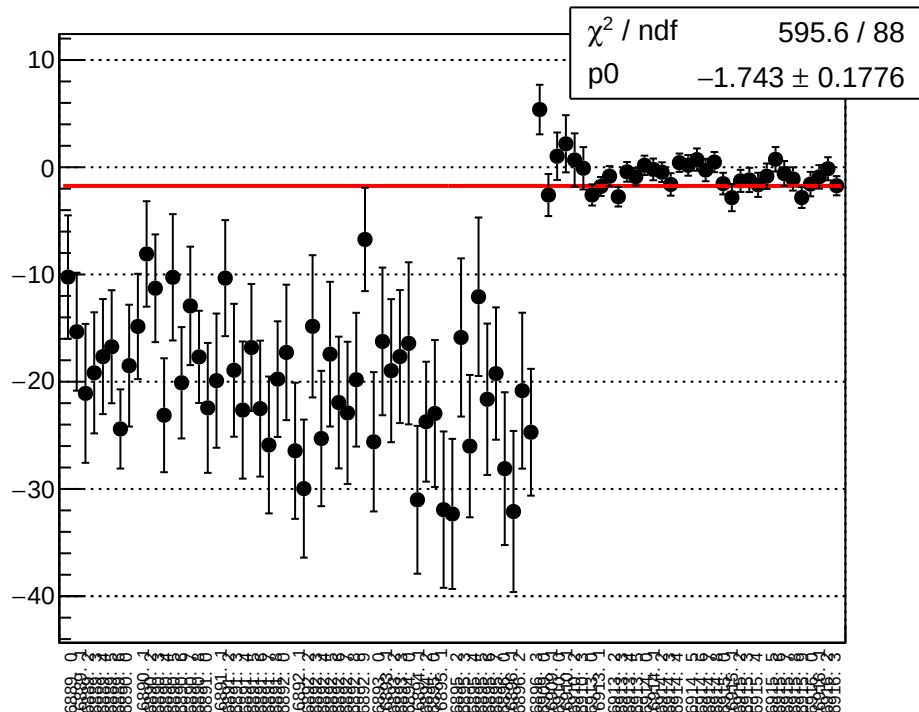
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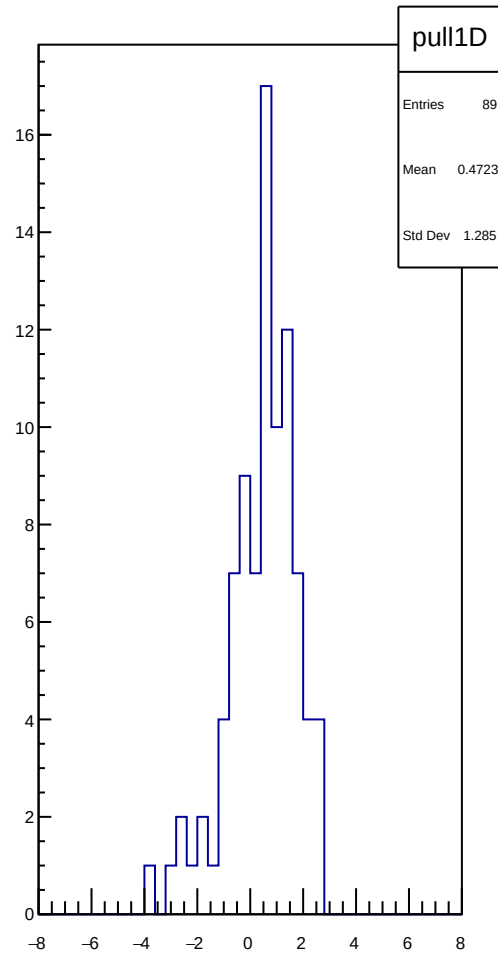
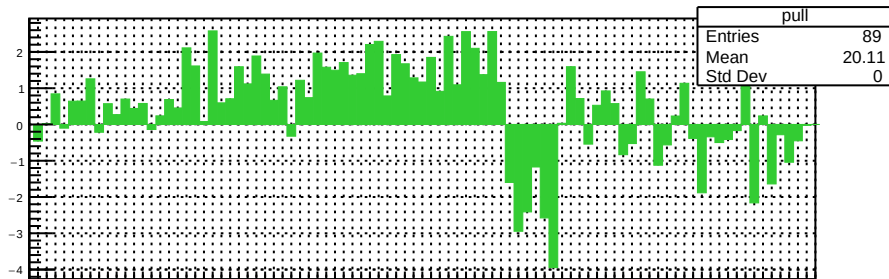
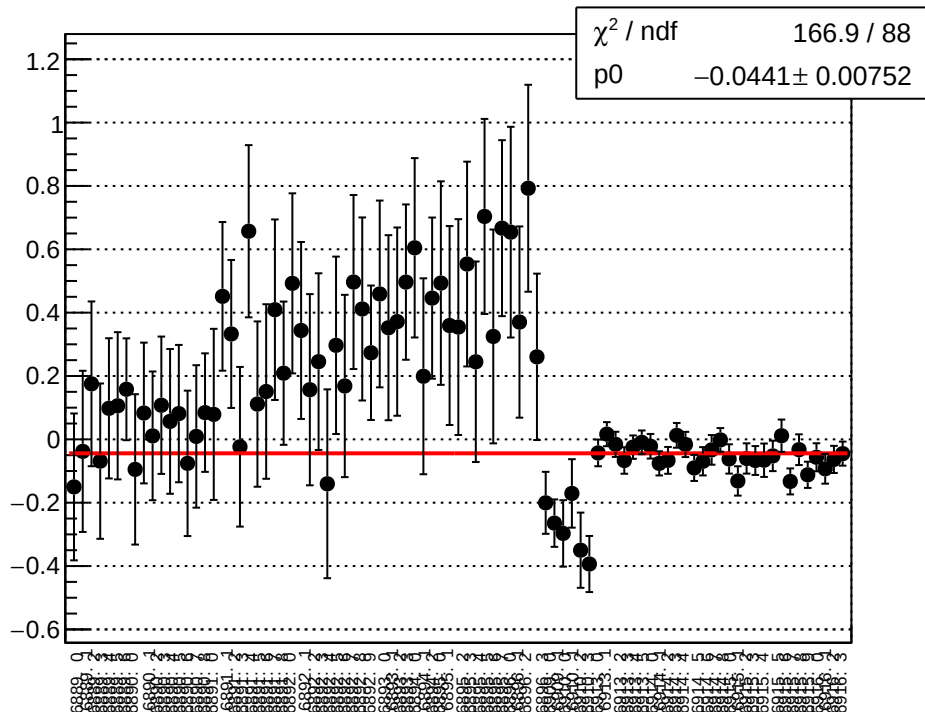
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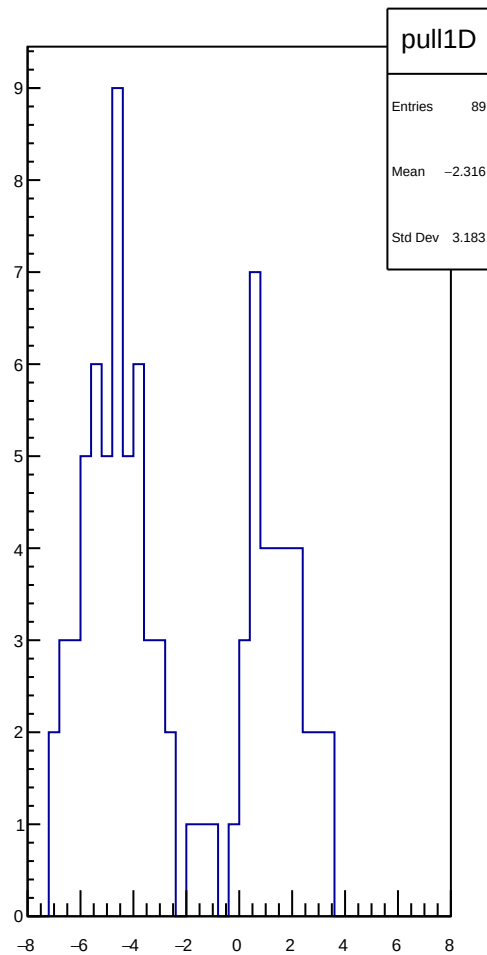
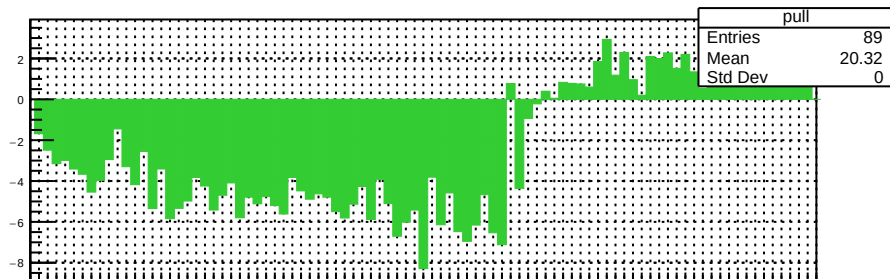
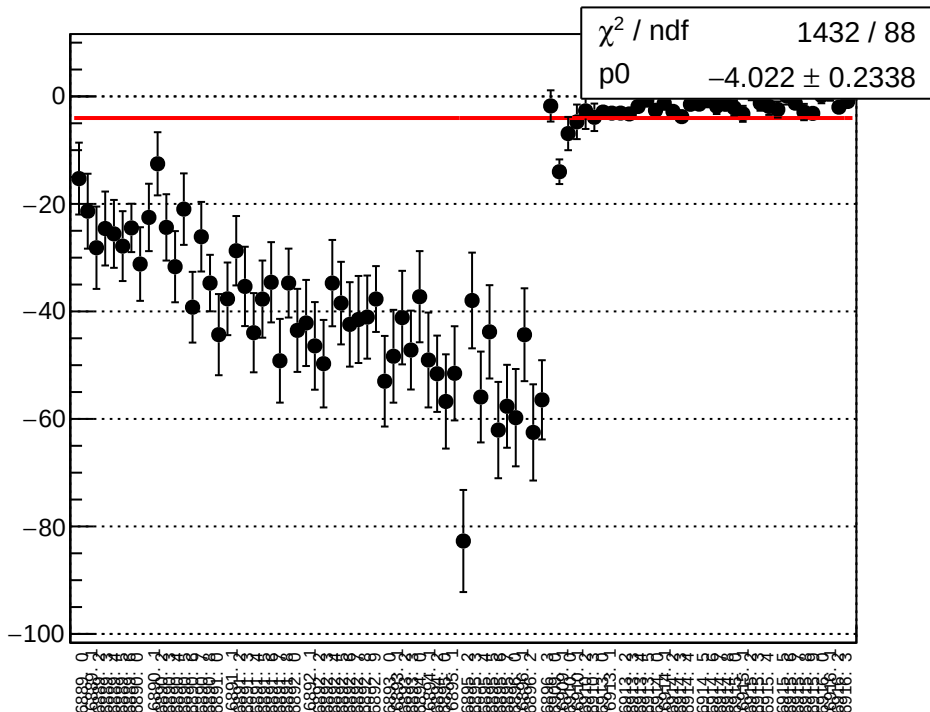
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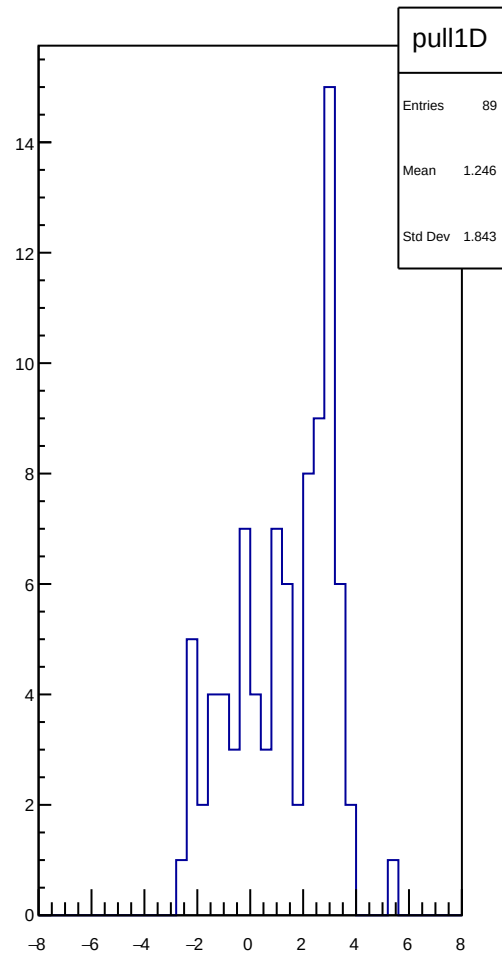
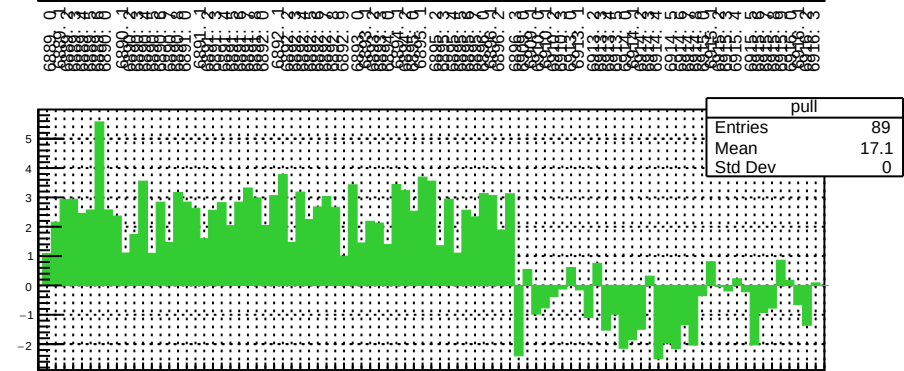
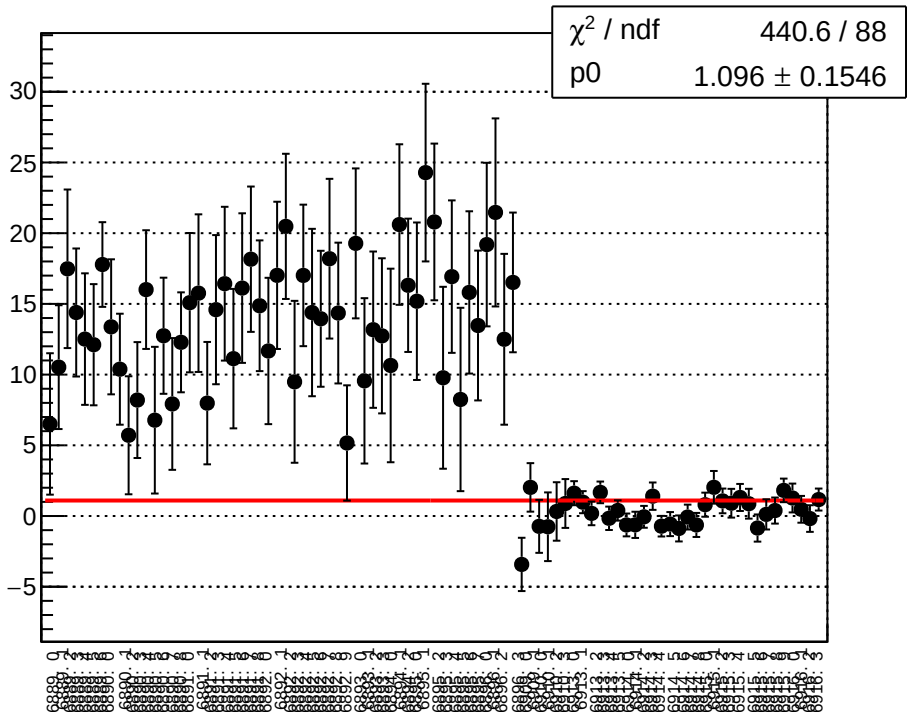
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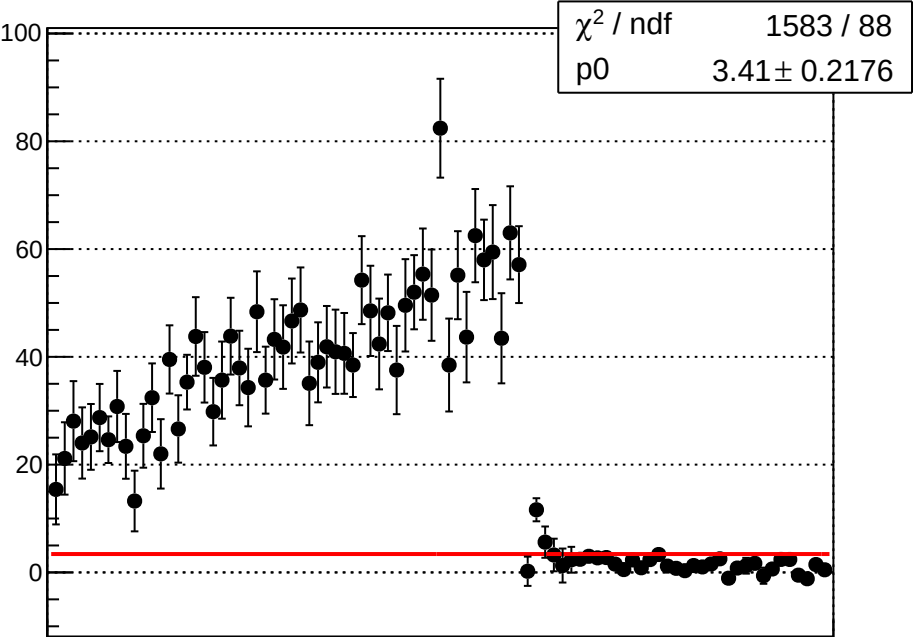
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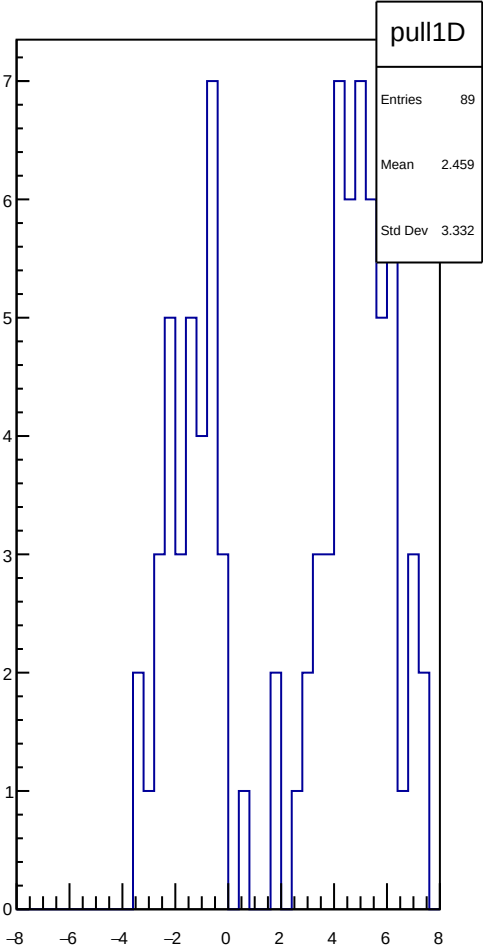
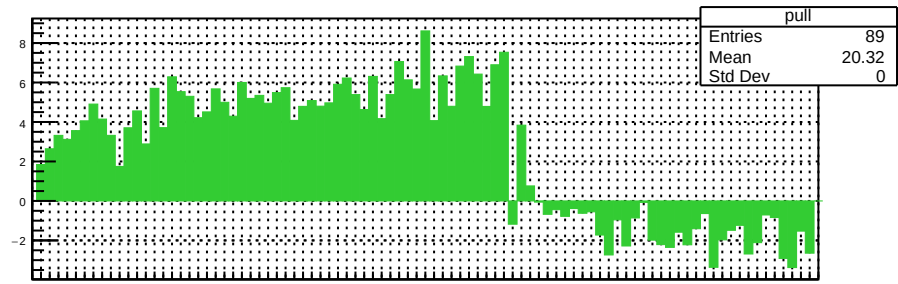
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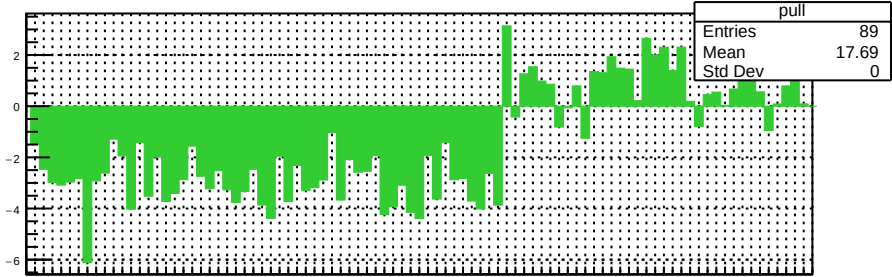
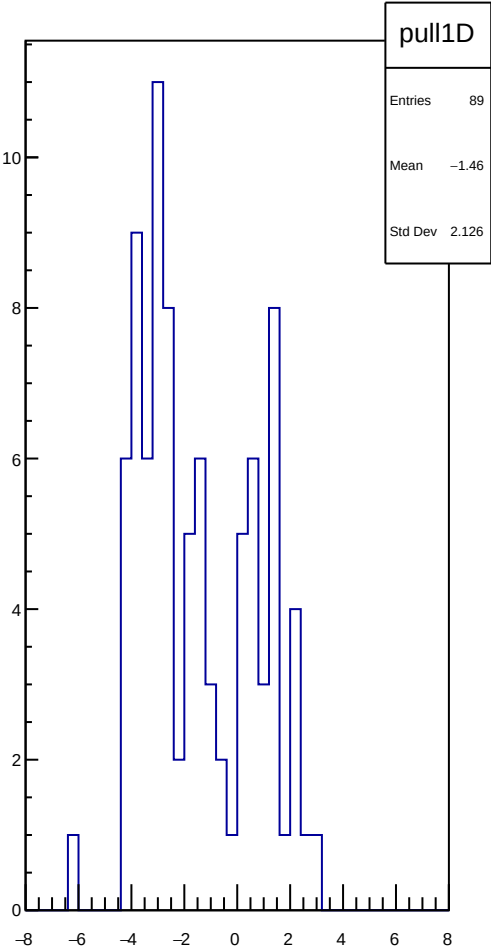
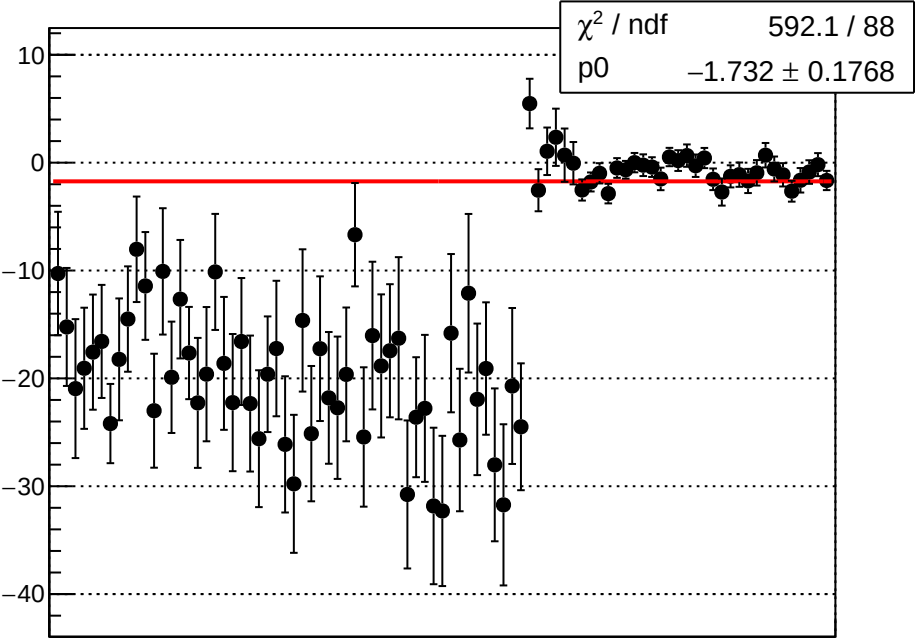
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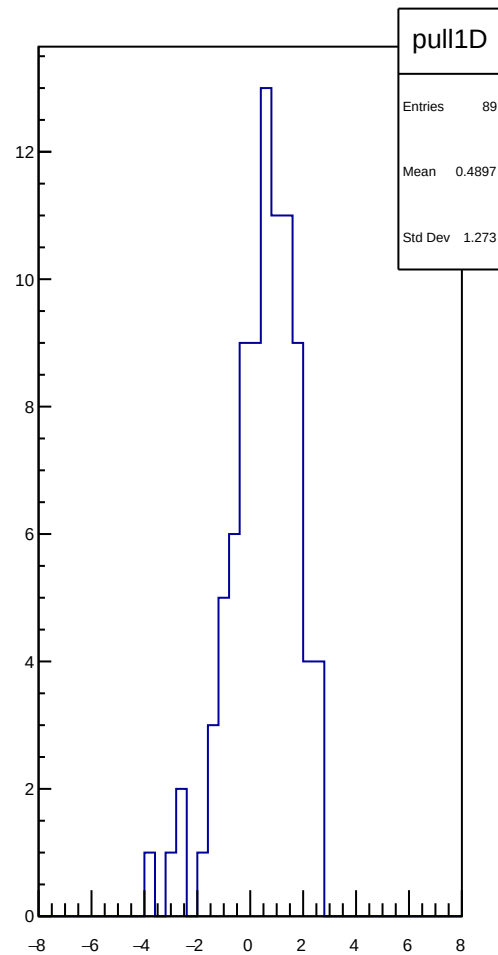
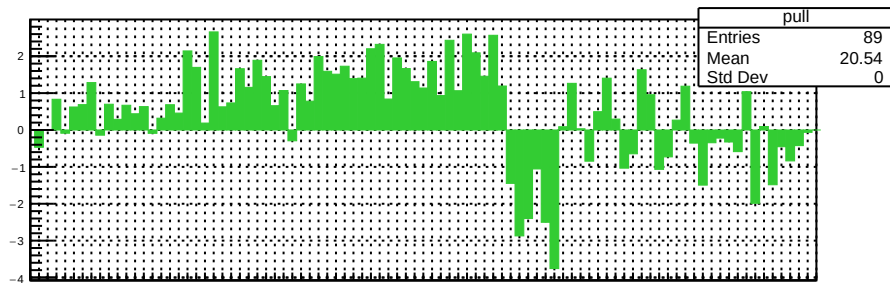
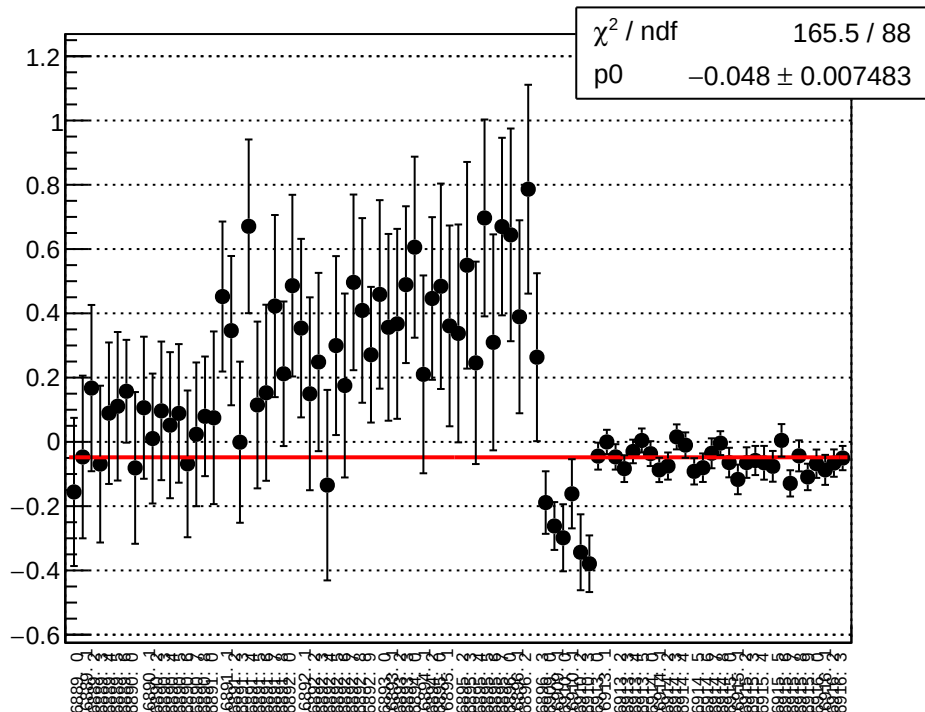
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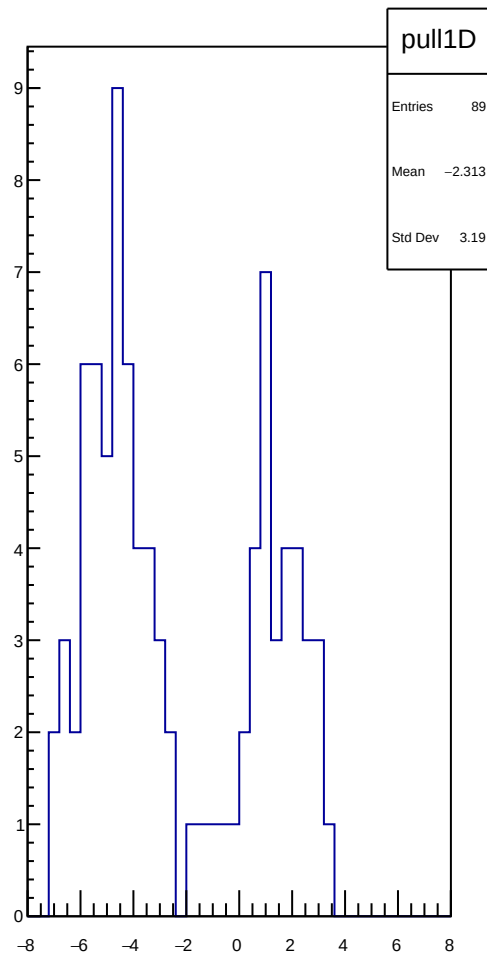
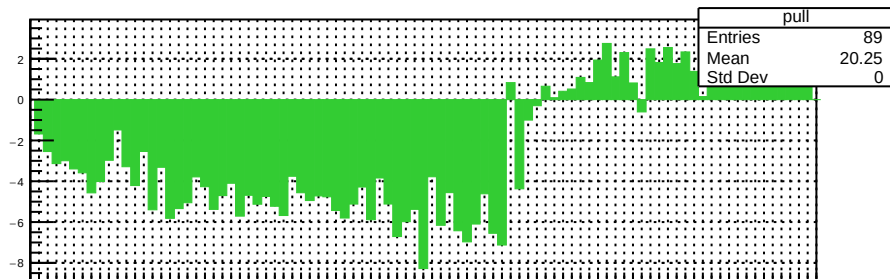
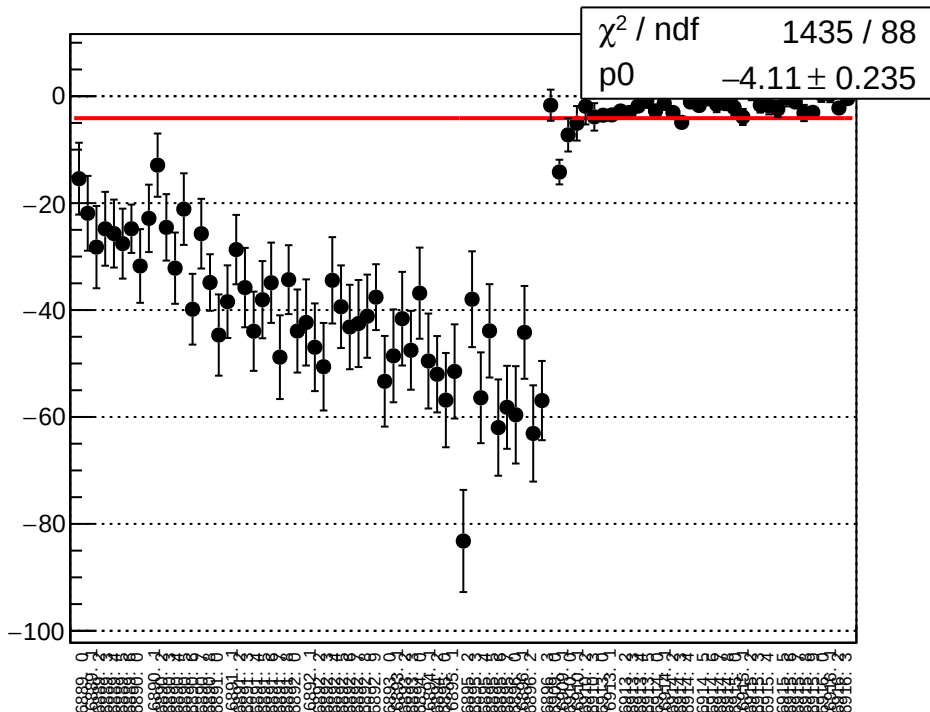
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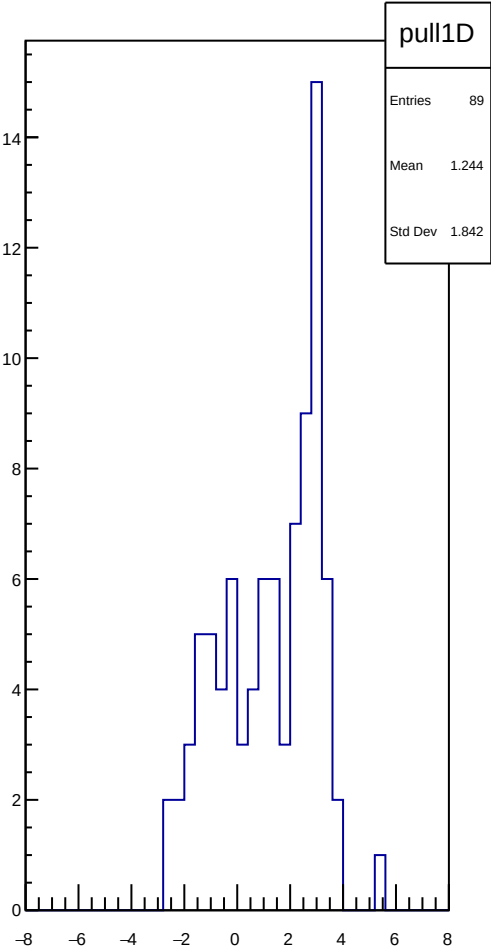
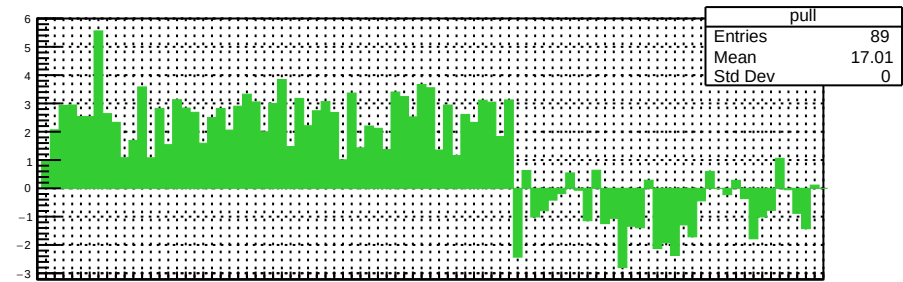
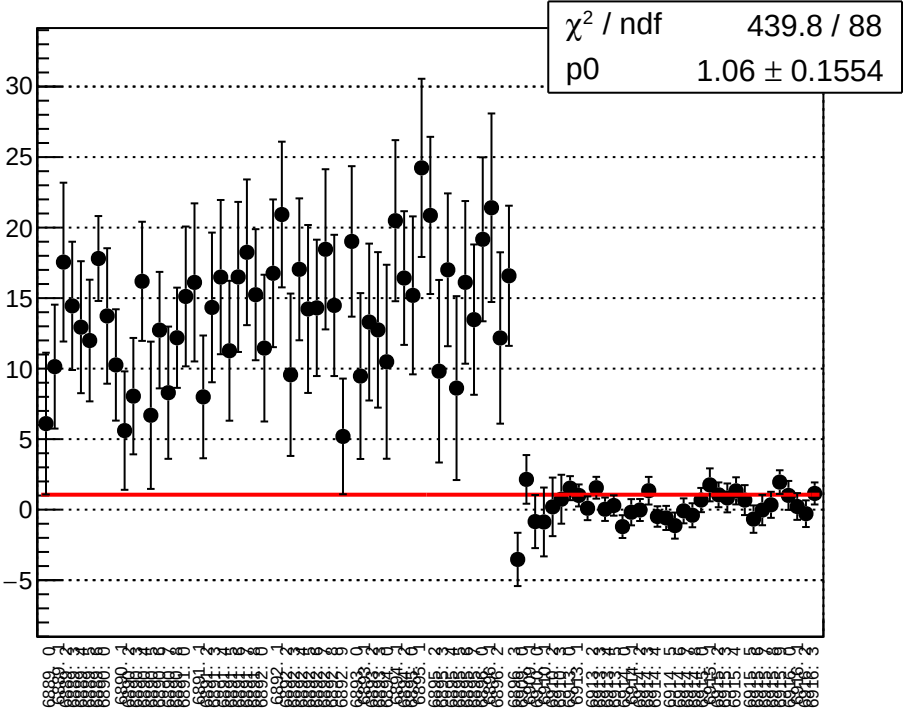
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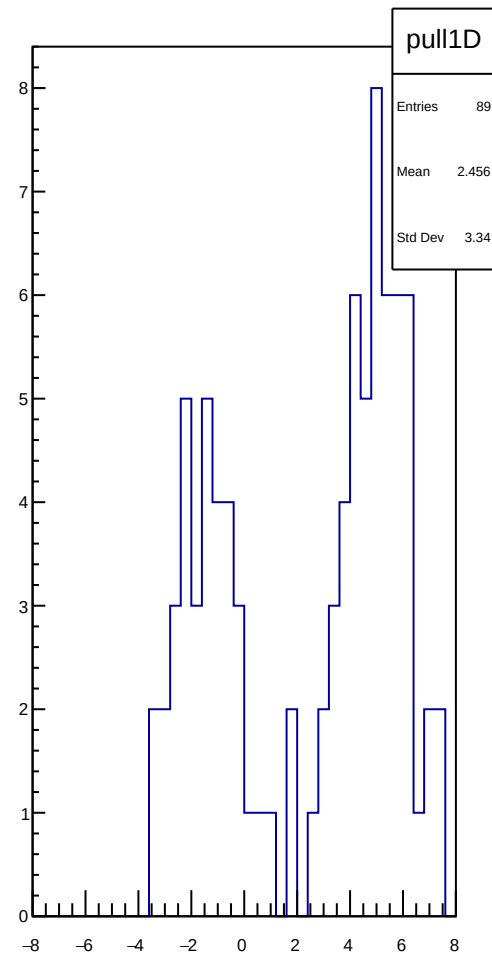
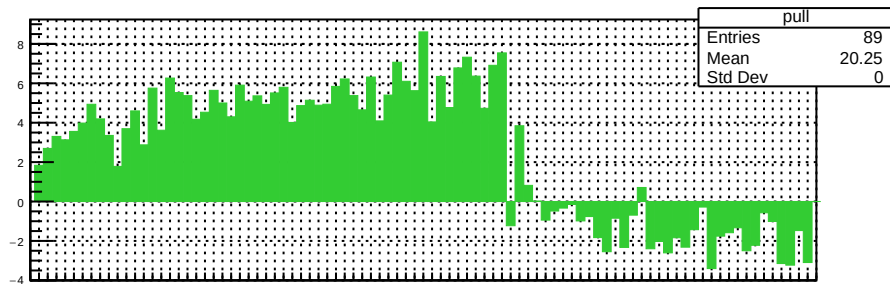
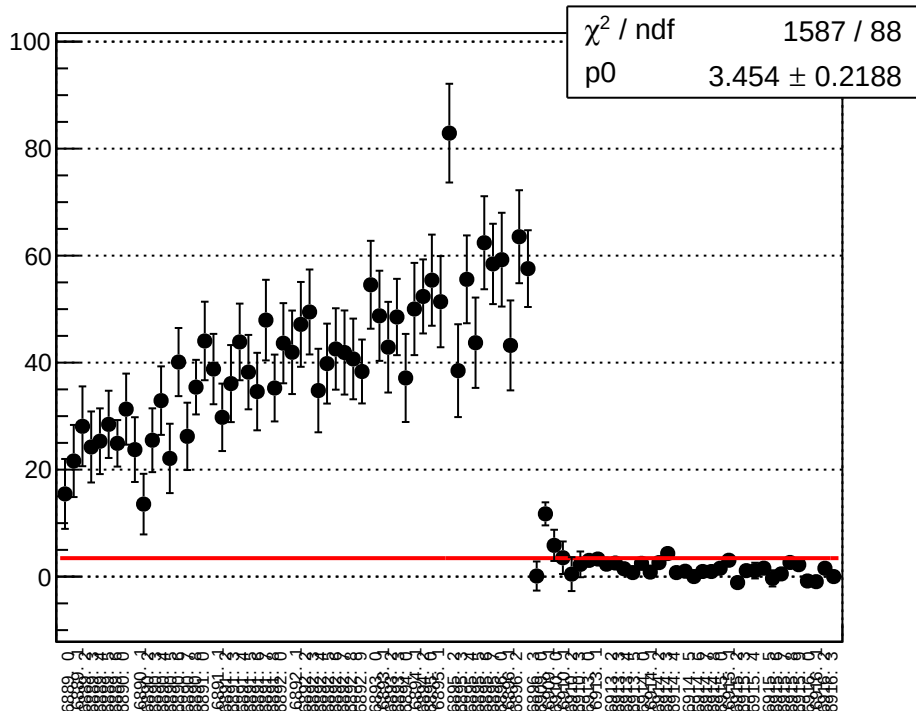
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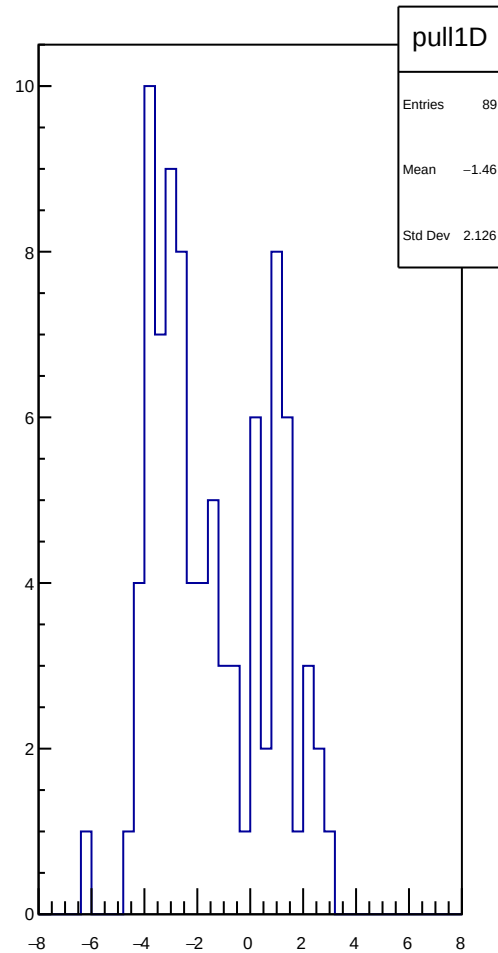
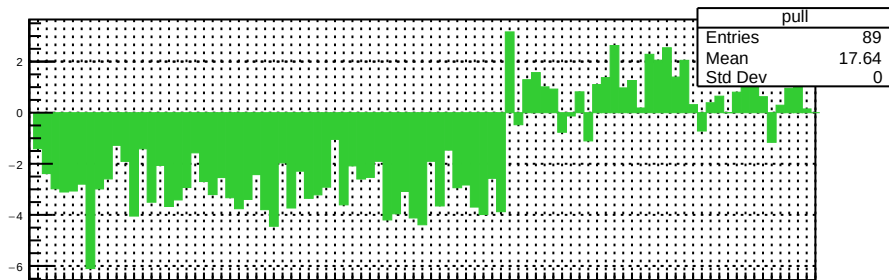
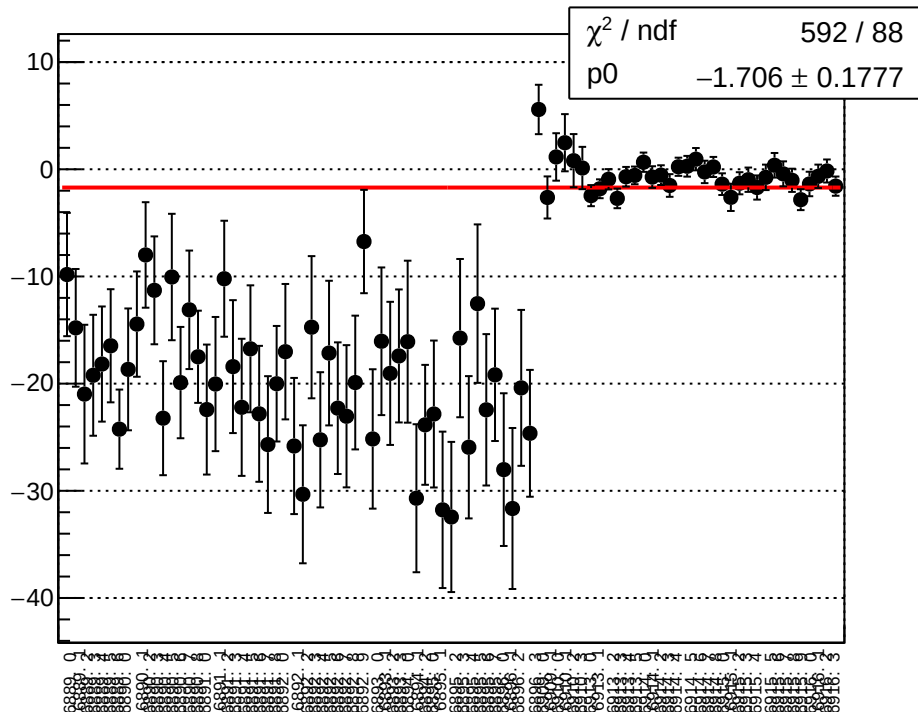
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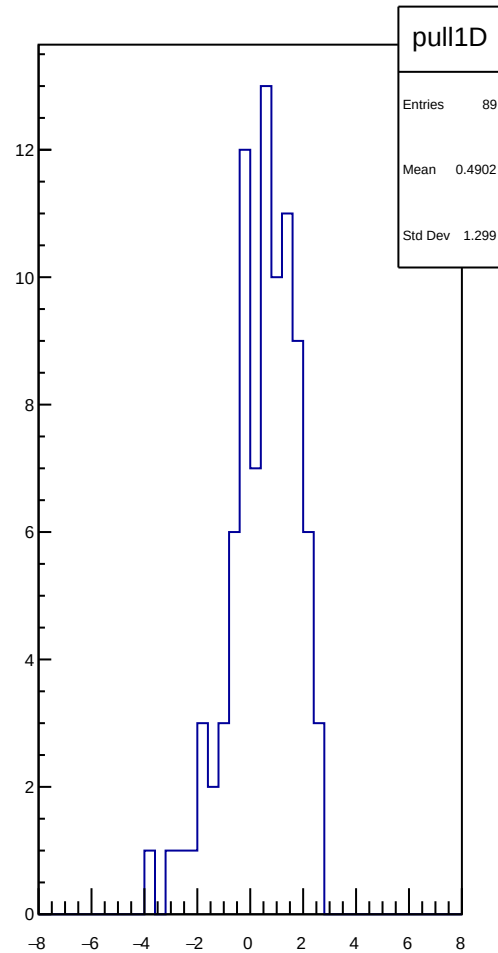
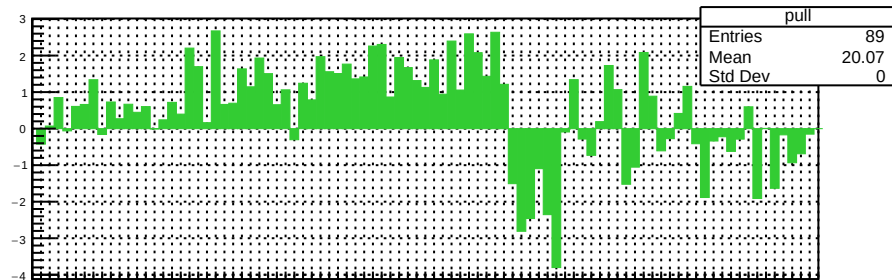
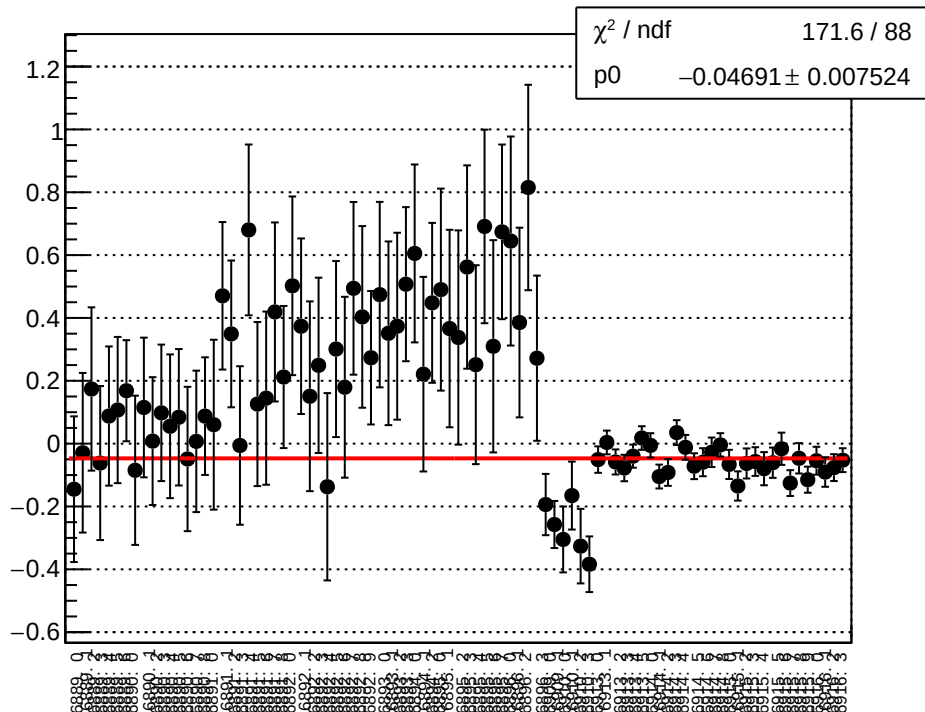
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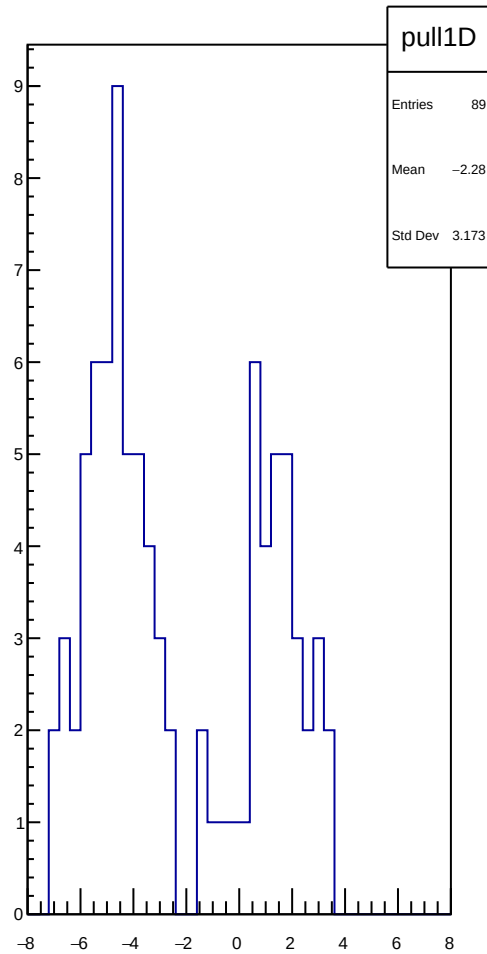
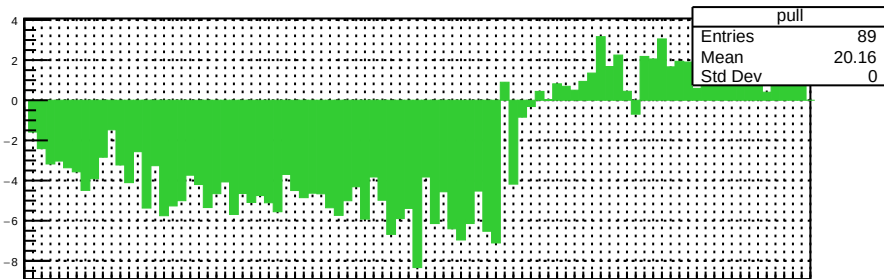
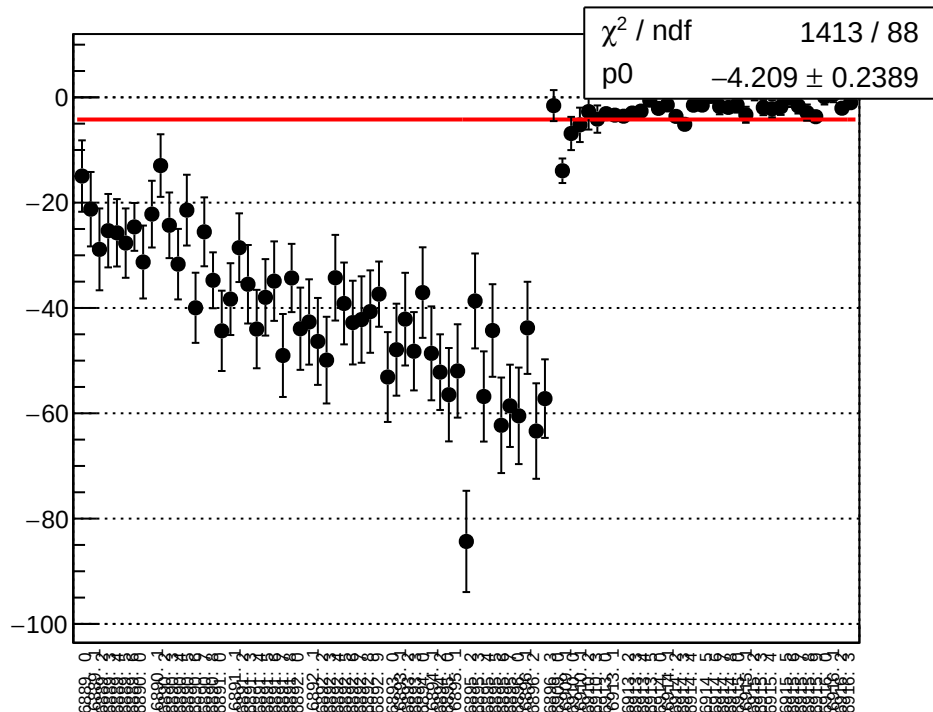
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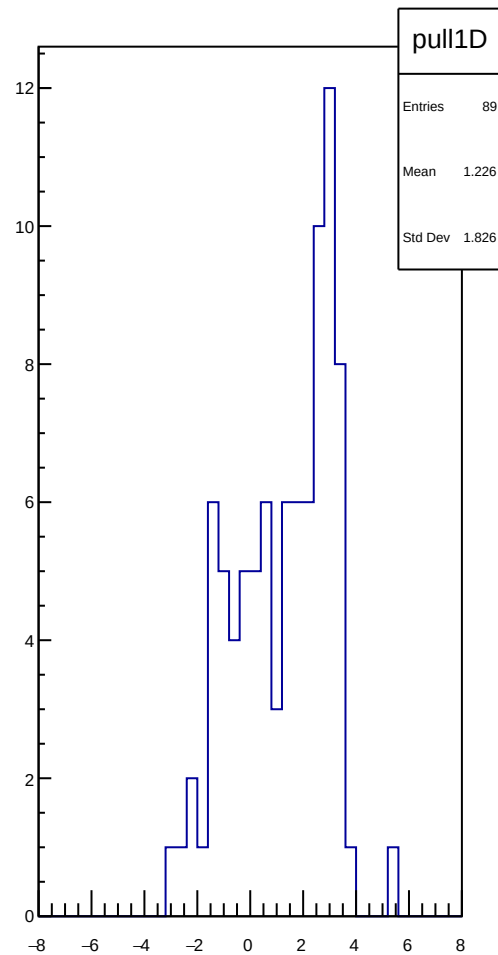
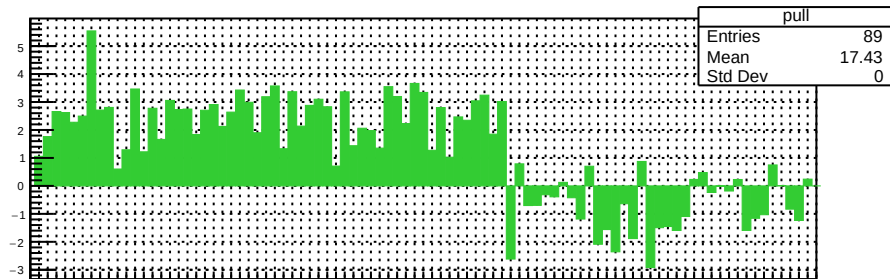
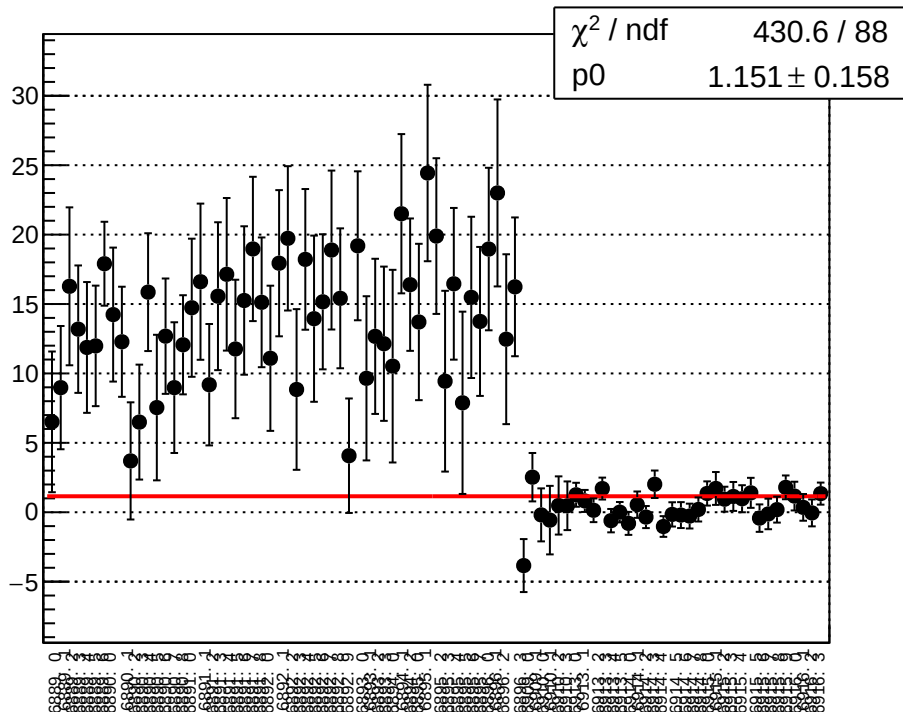
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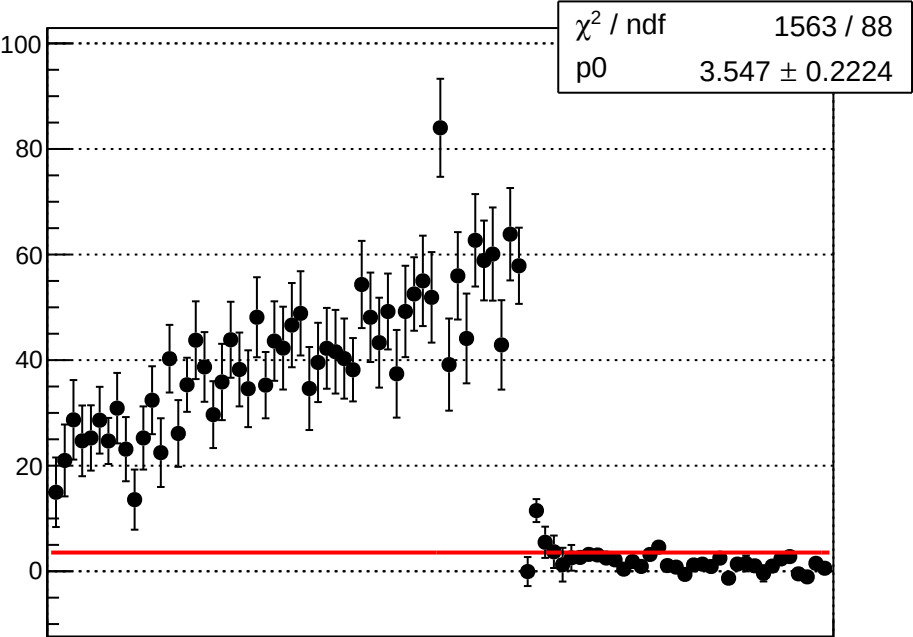
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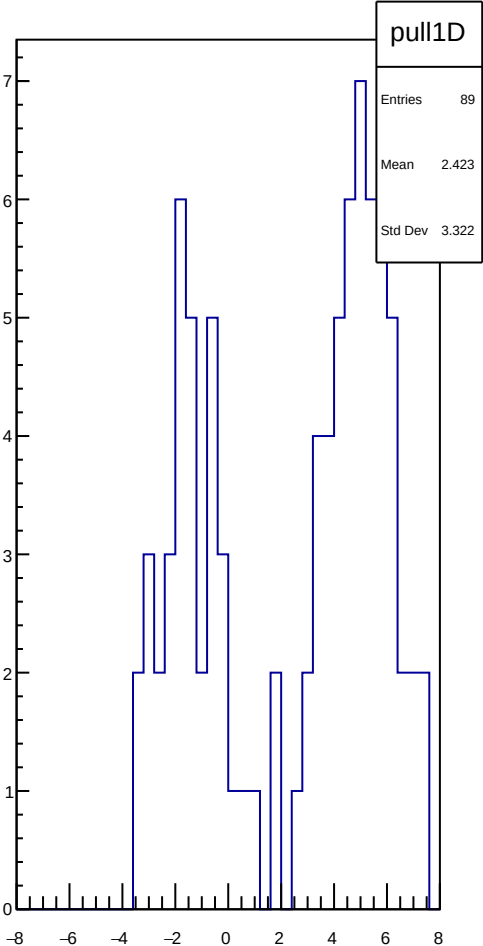
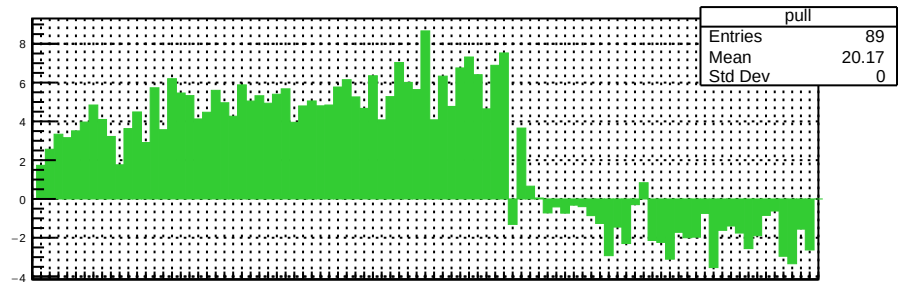
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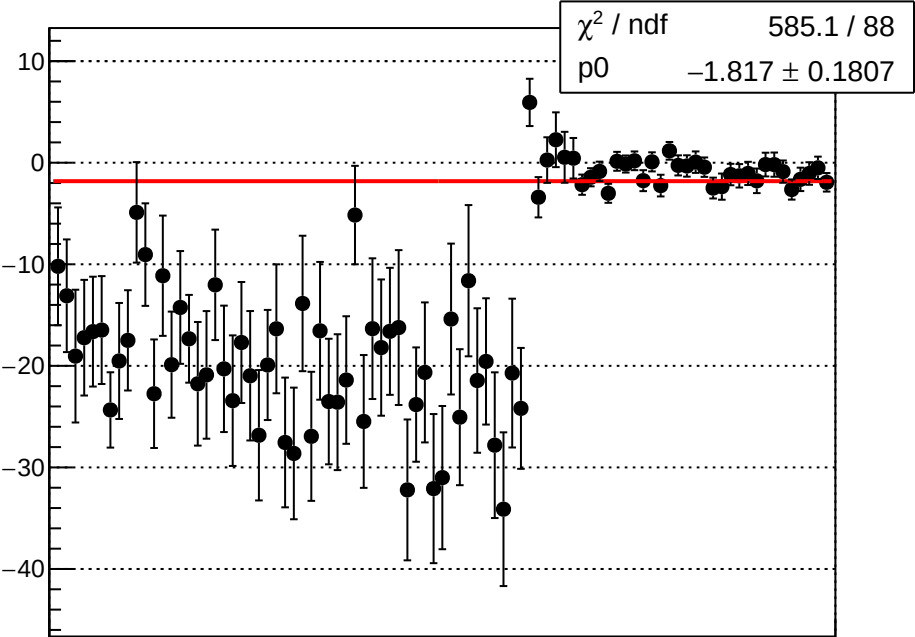
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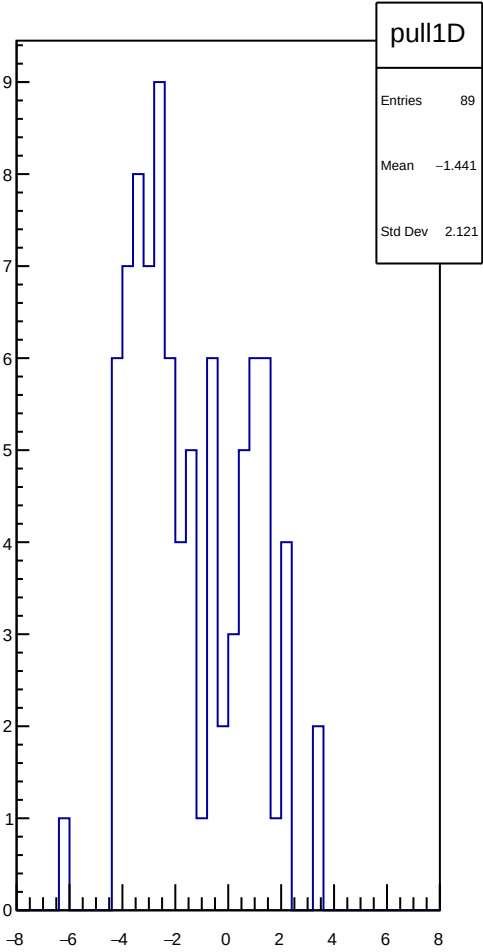
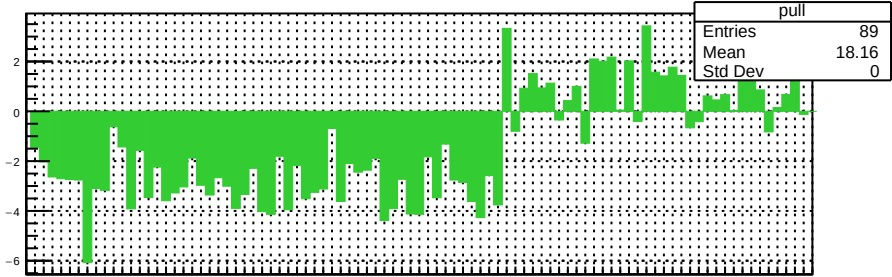
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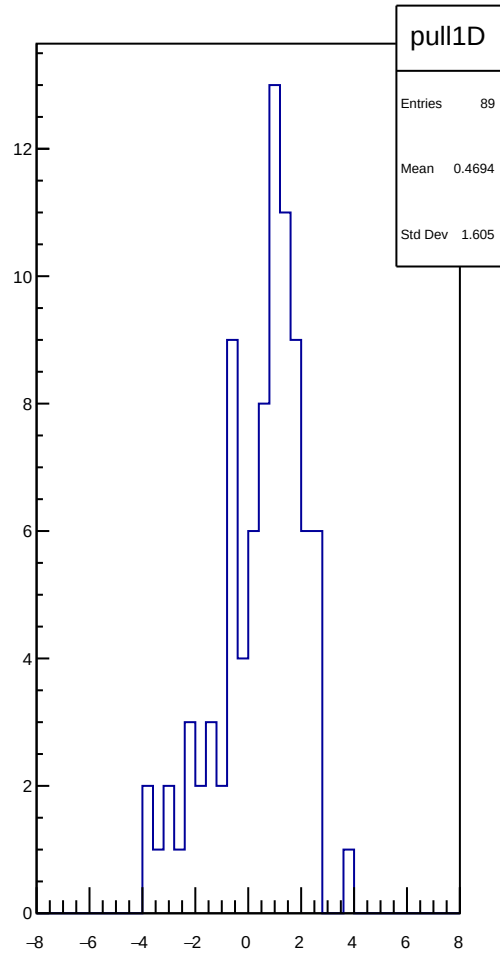
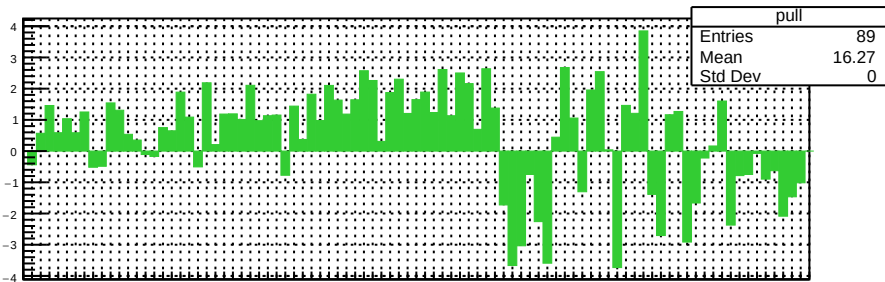
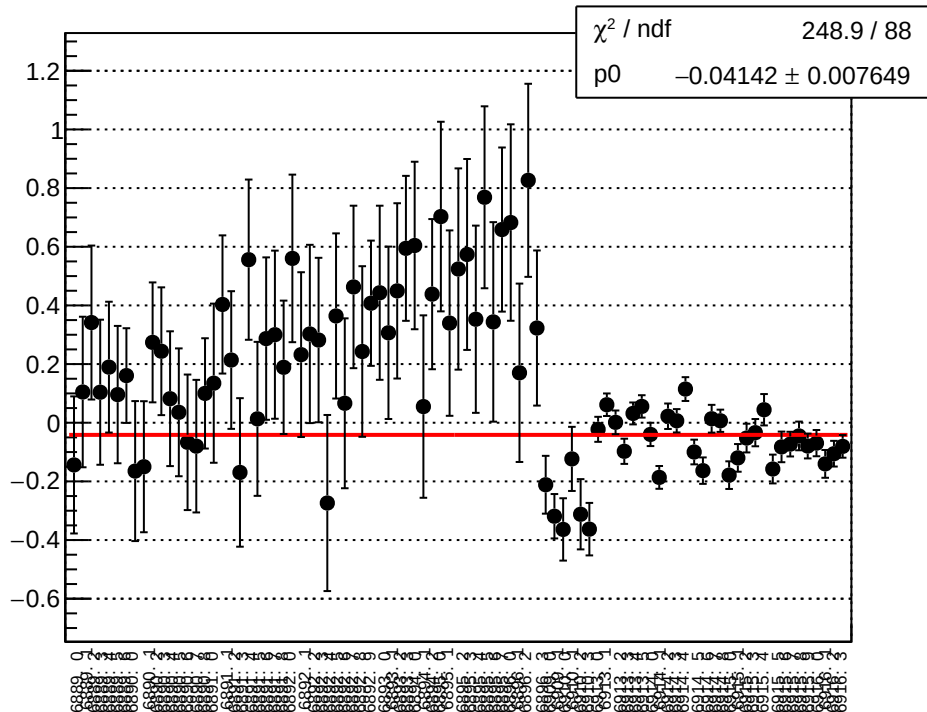
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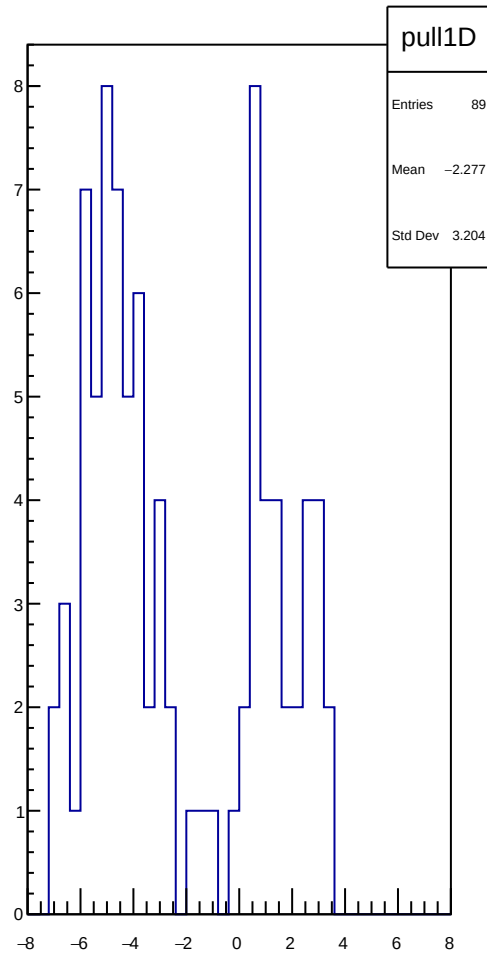
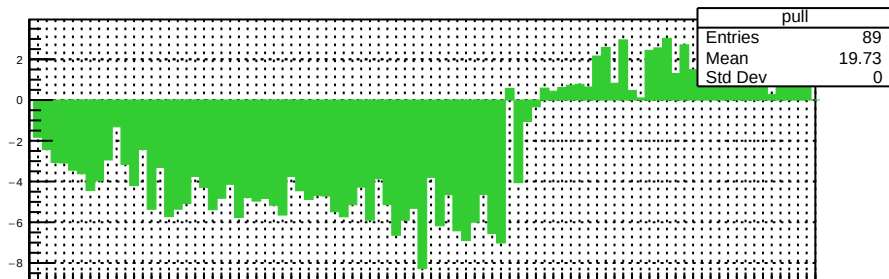
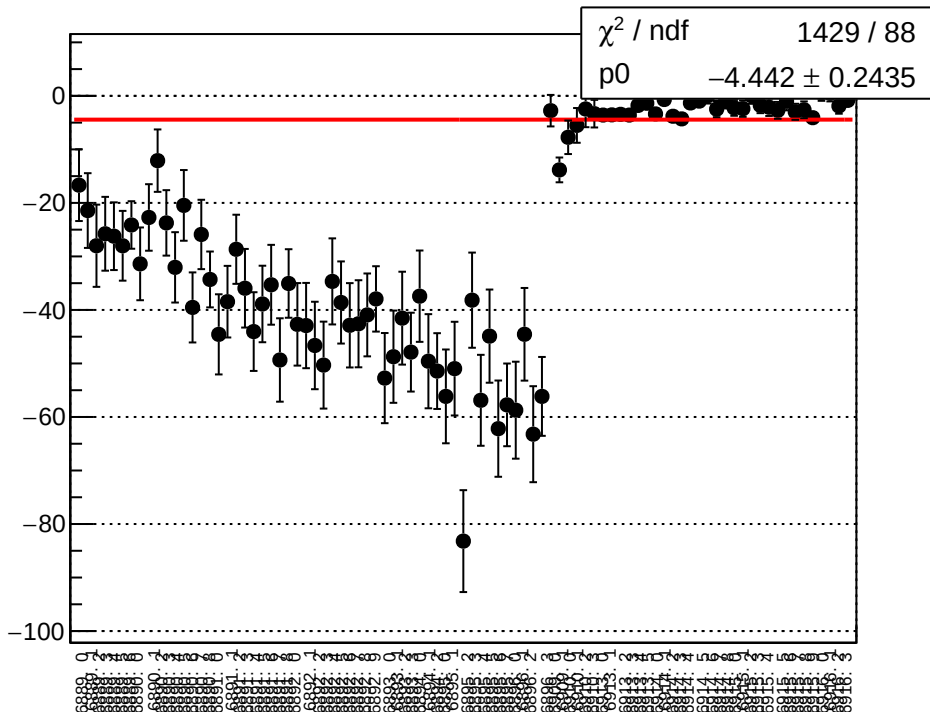
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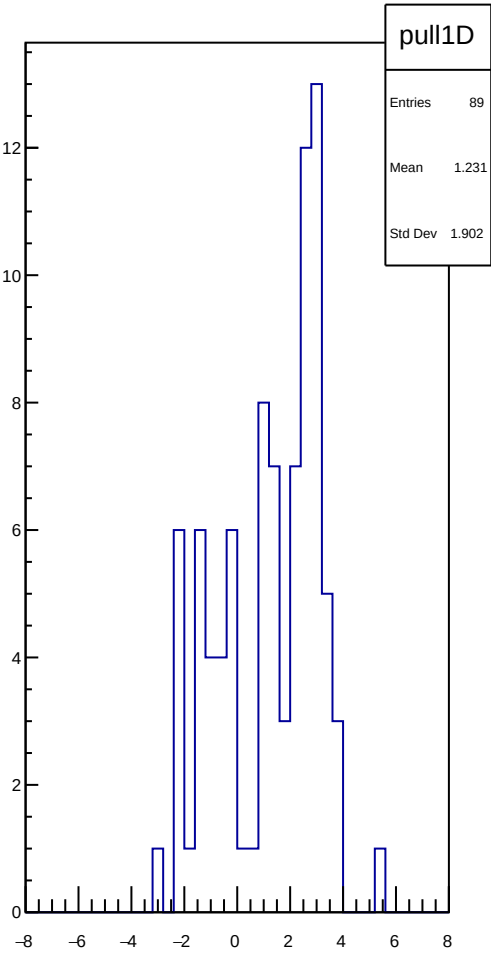
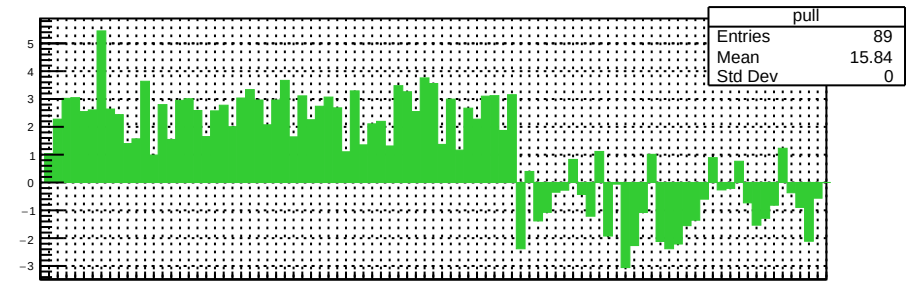
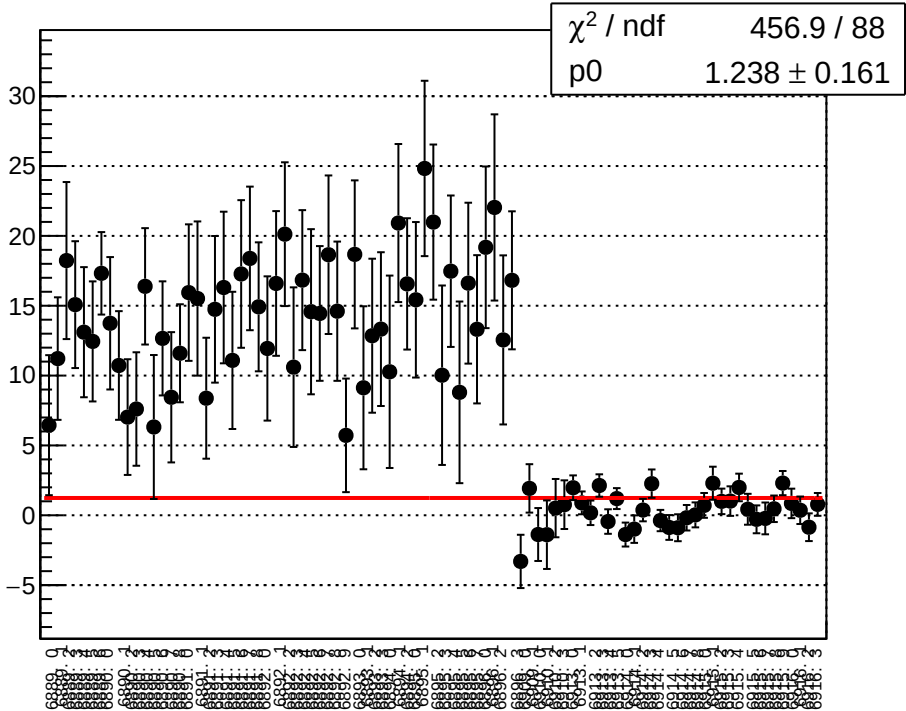
reg_asym_bcm dg ds diff_bpm12X slope vs run



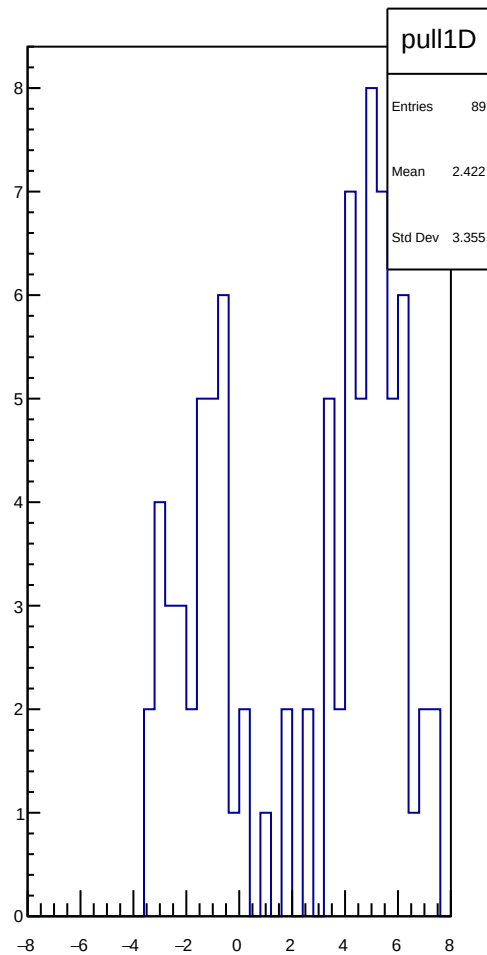
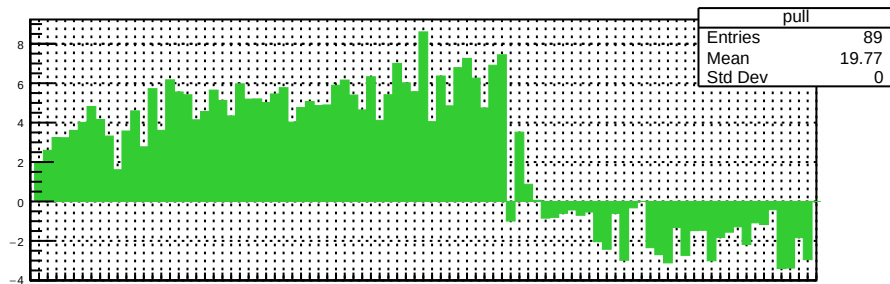
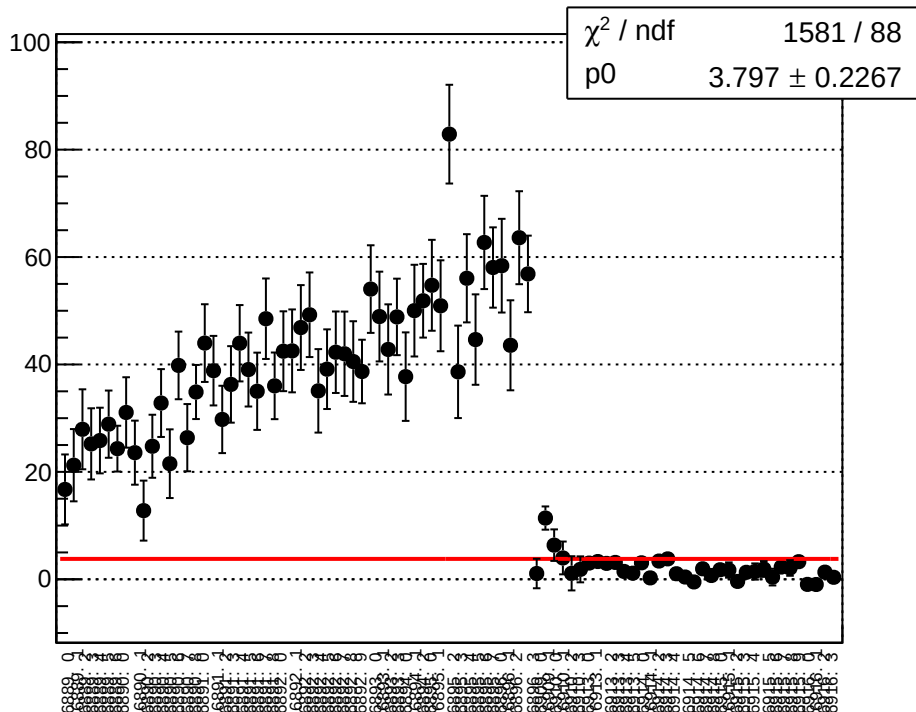
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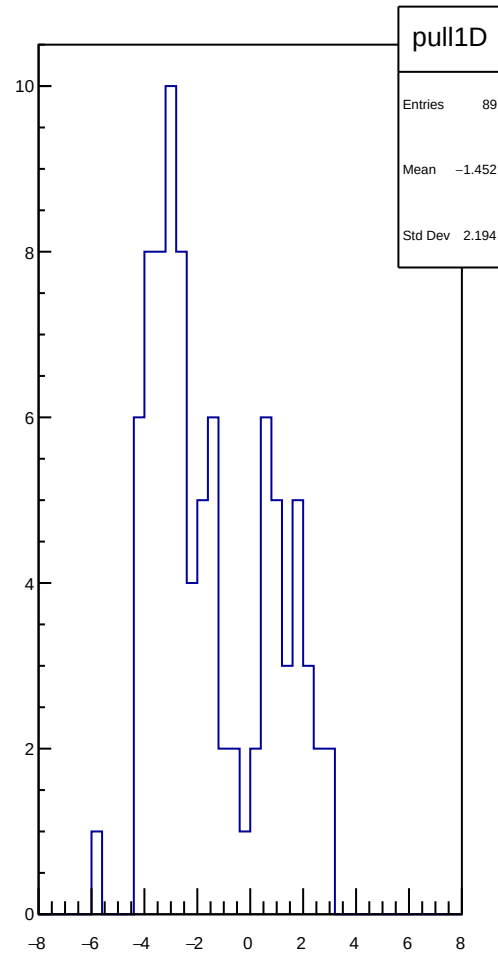
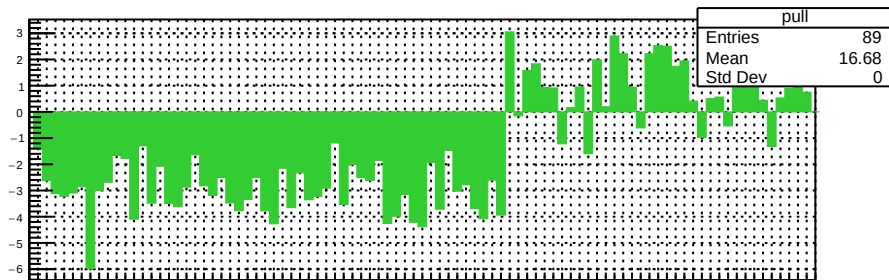
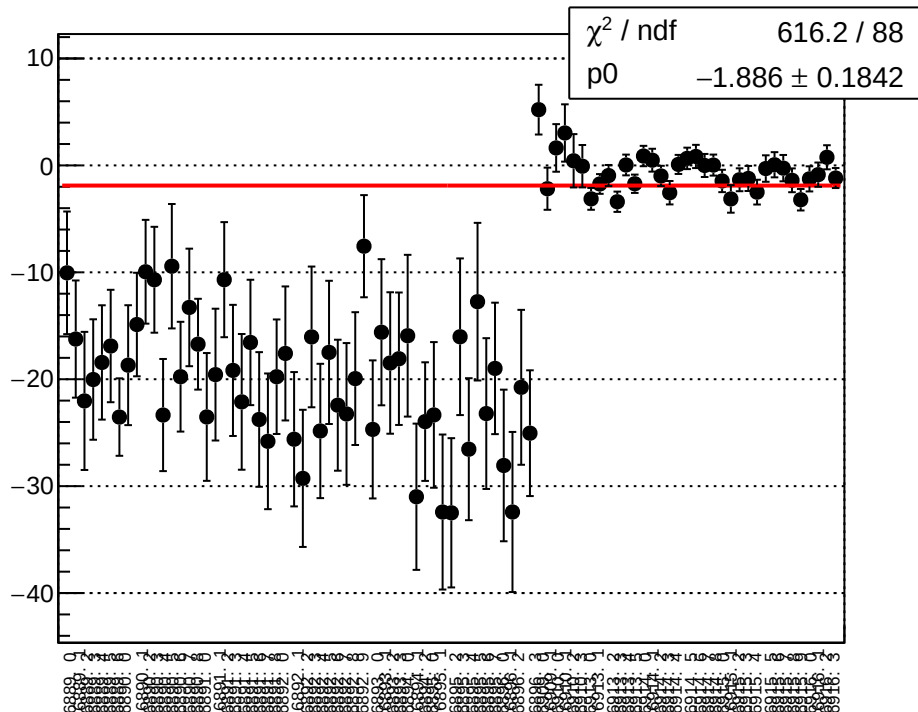
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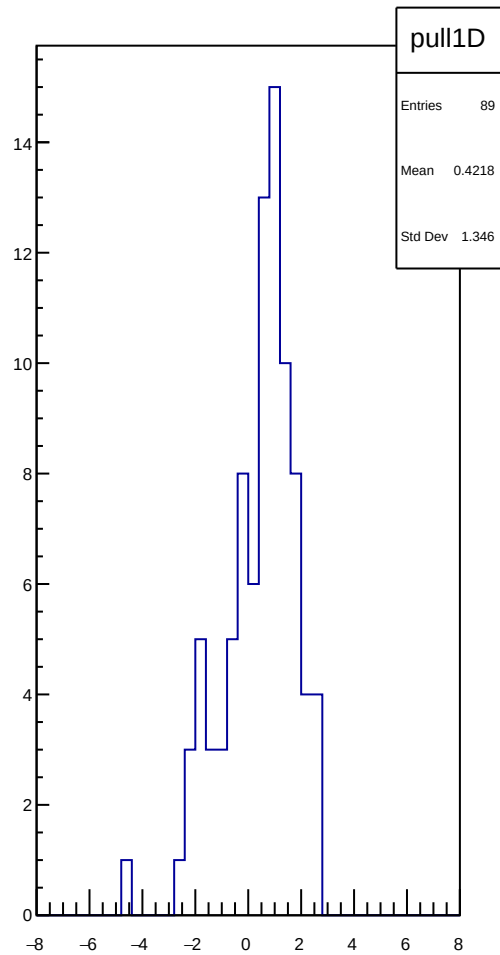
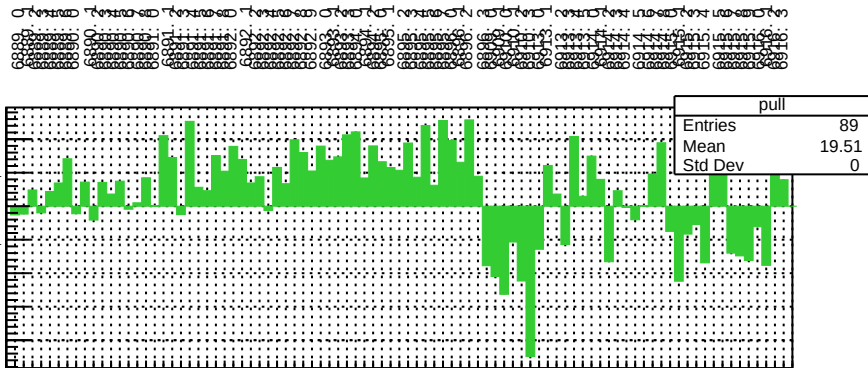
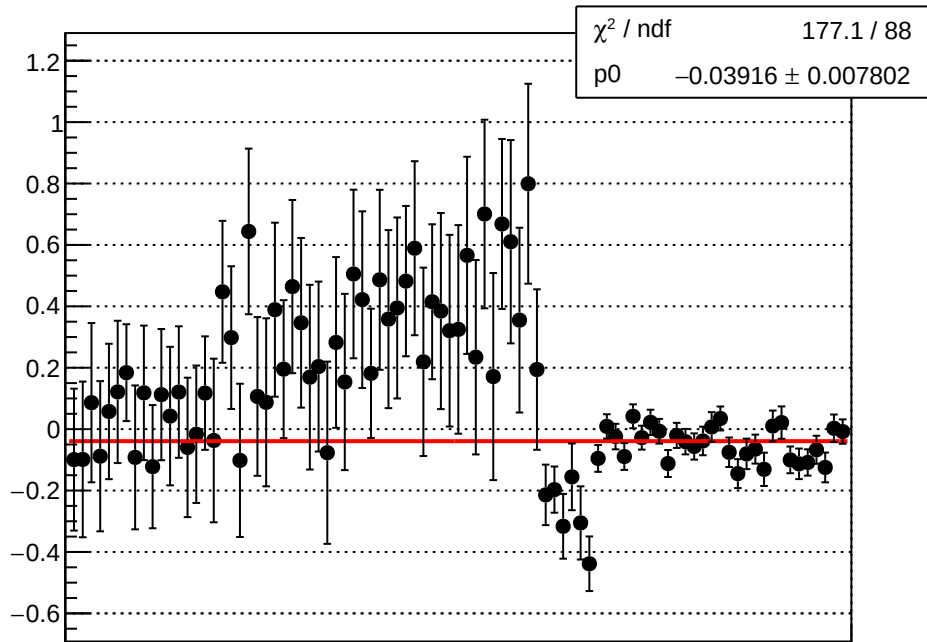
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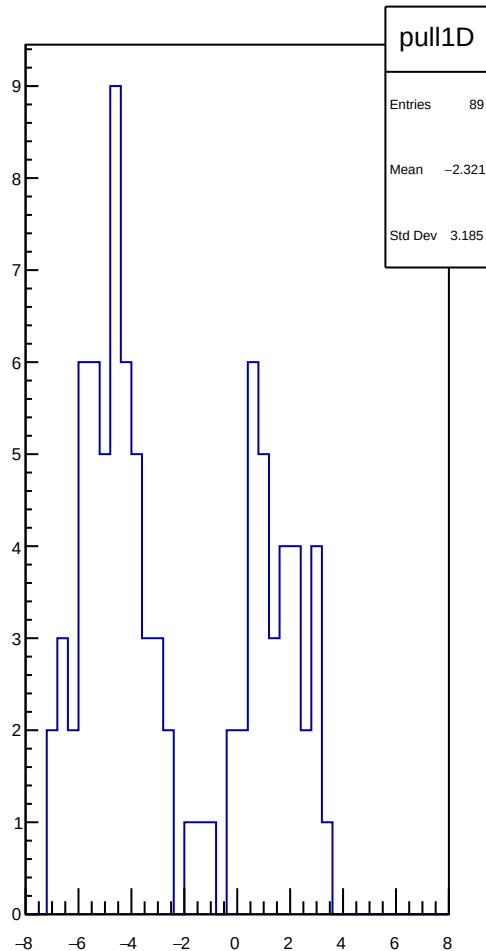
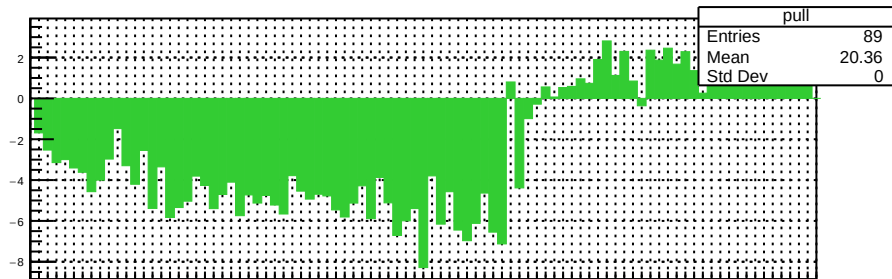
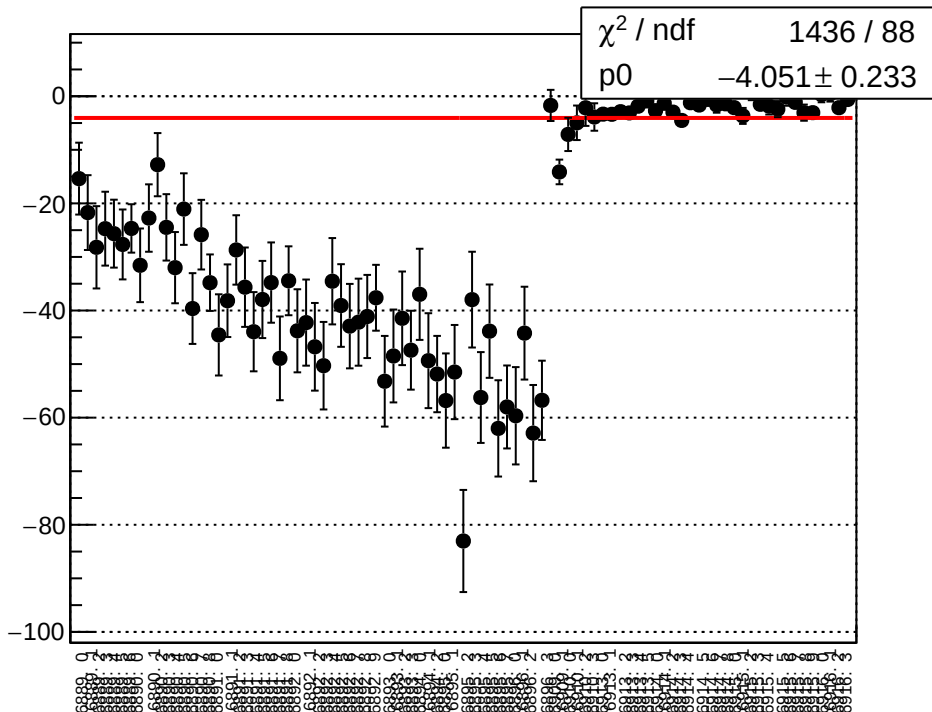
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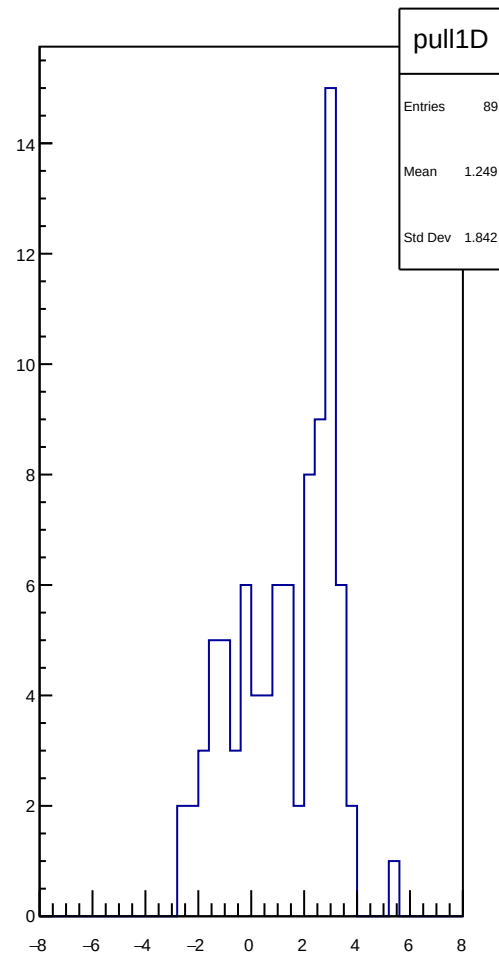
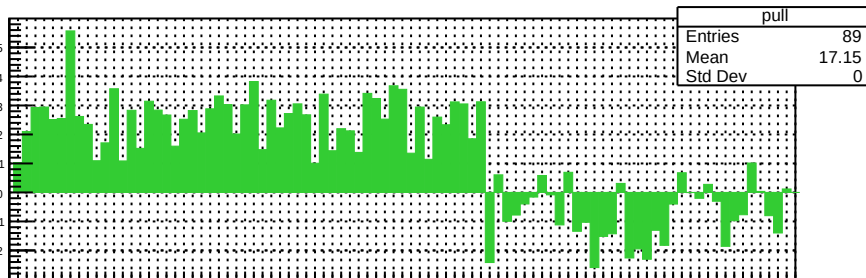
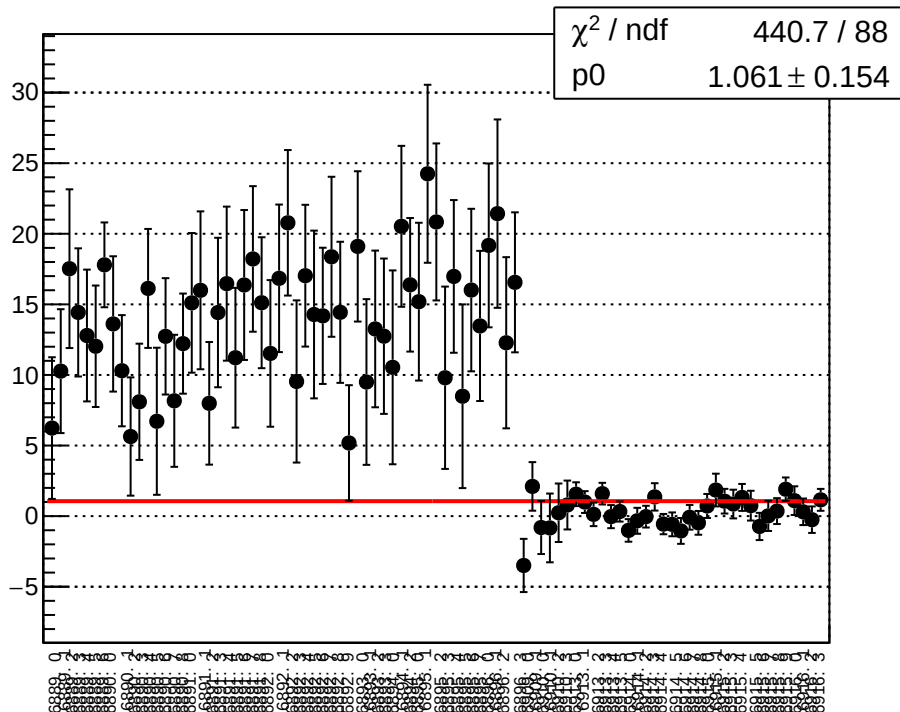
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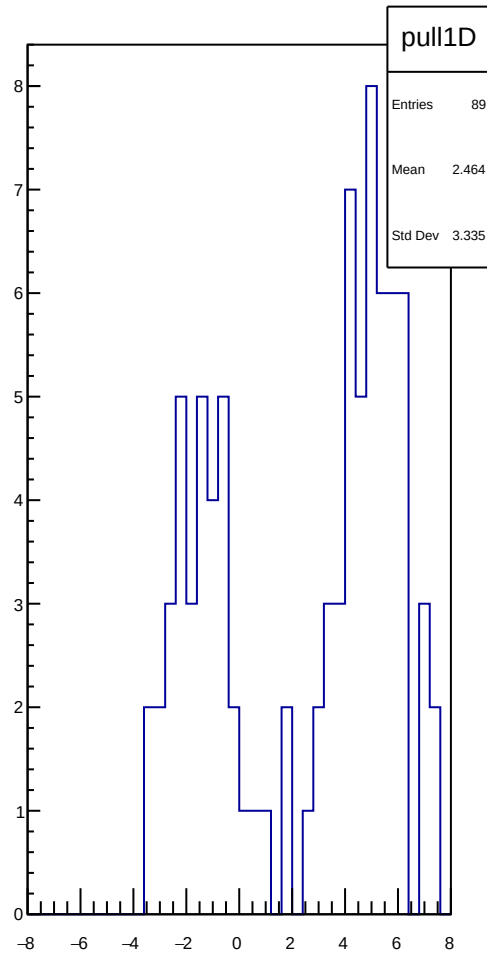
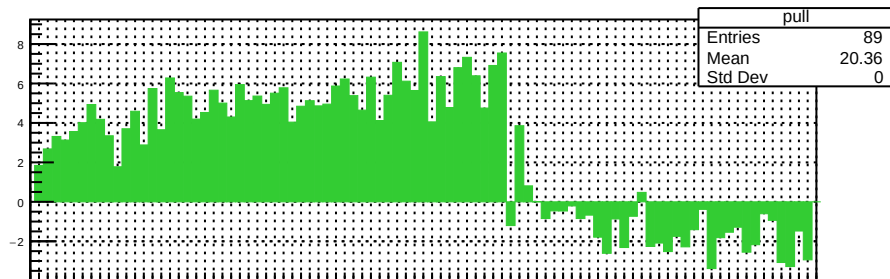
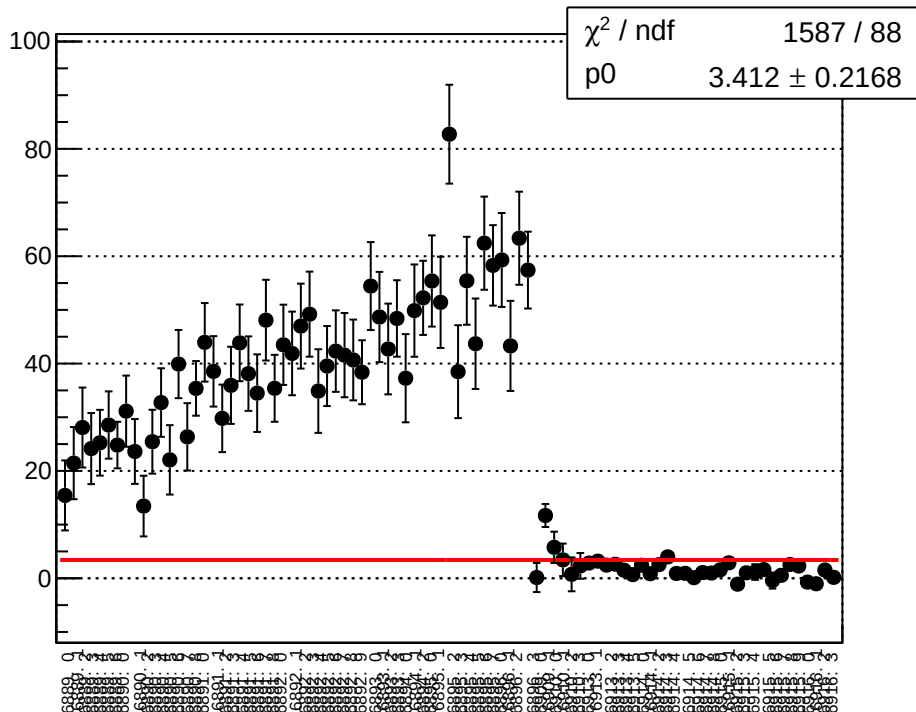
reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs run



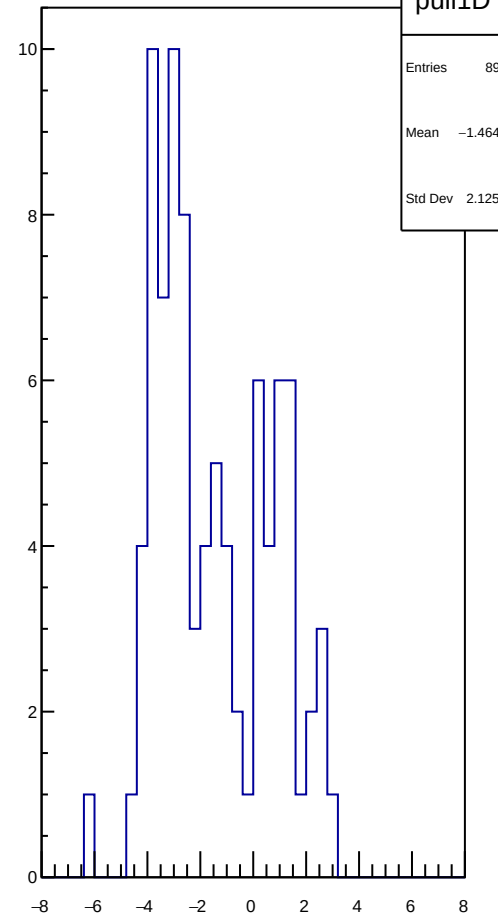
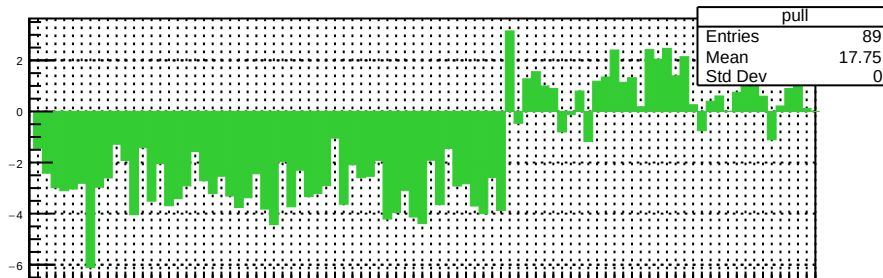
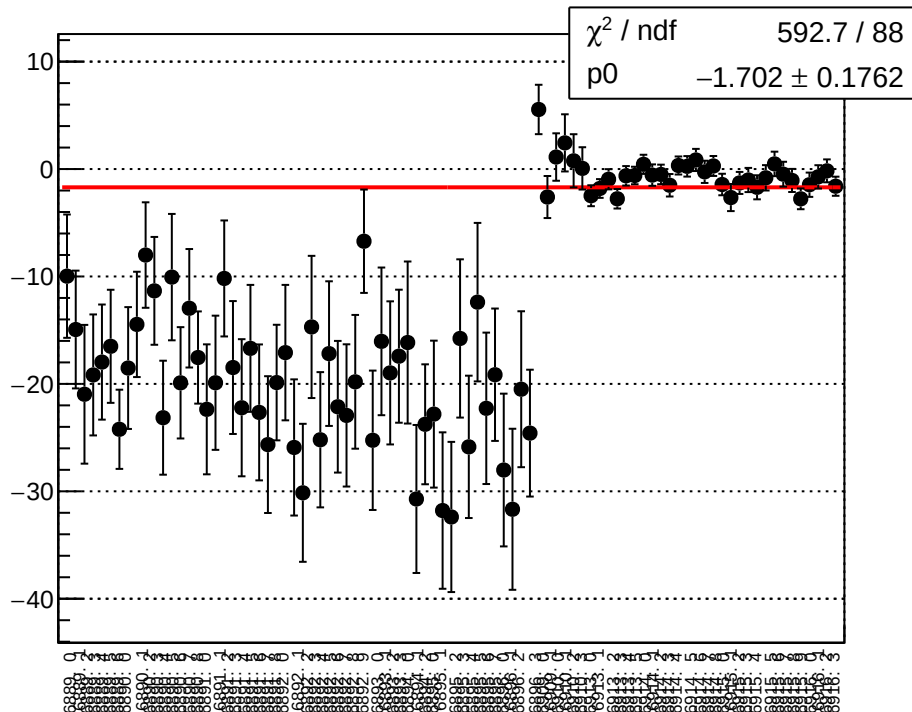
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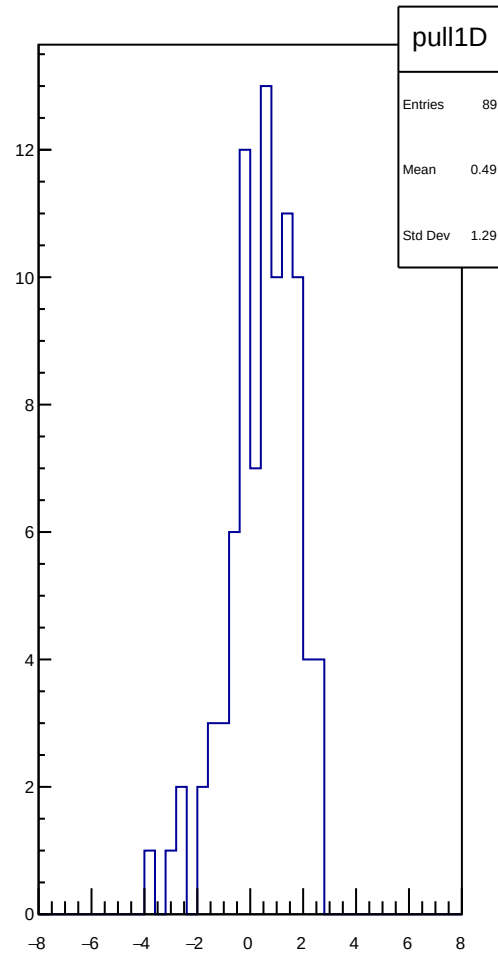
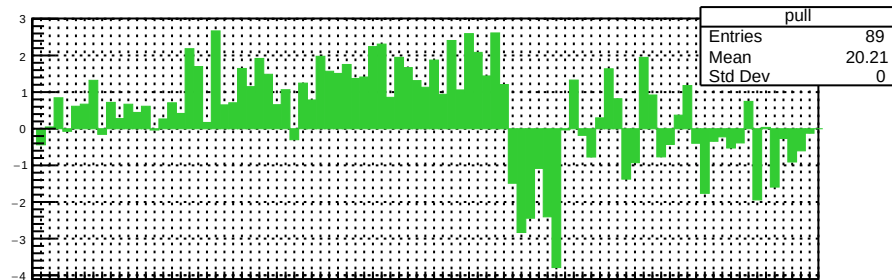
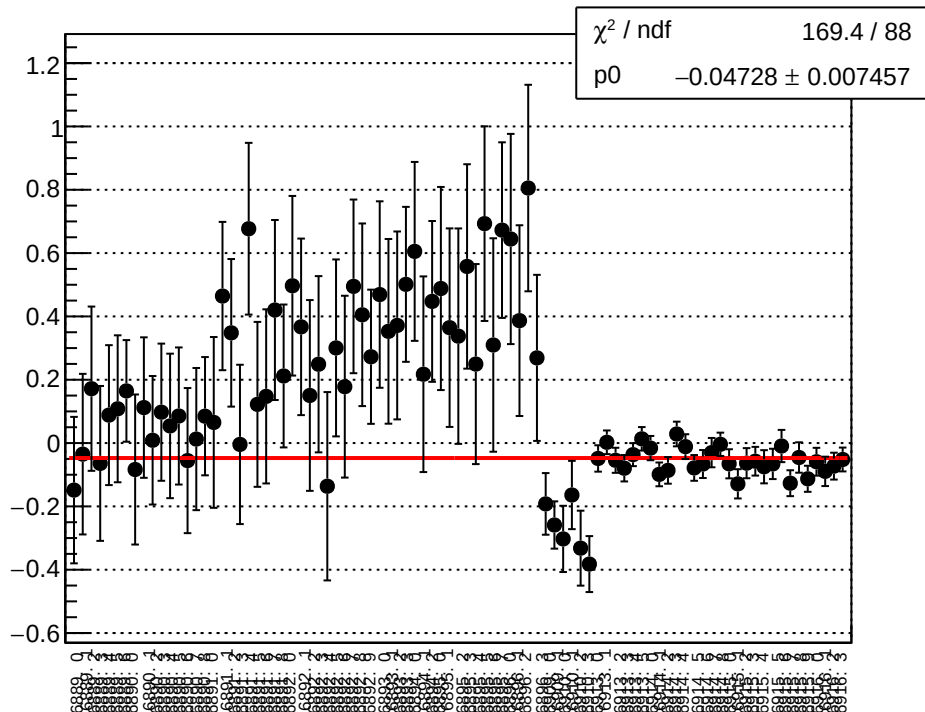
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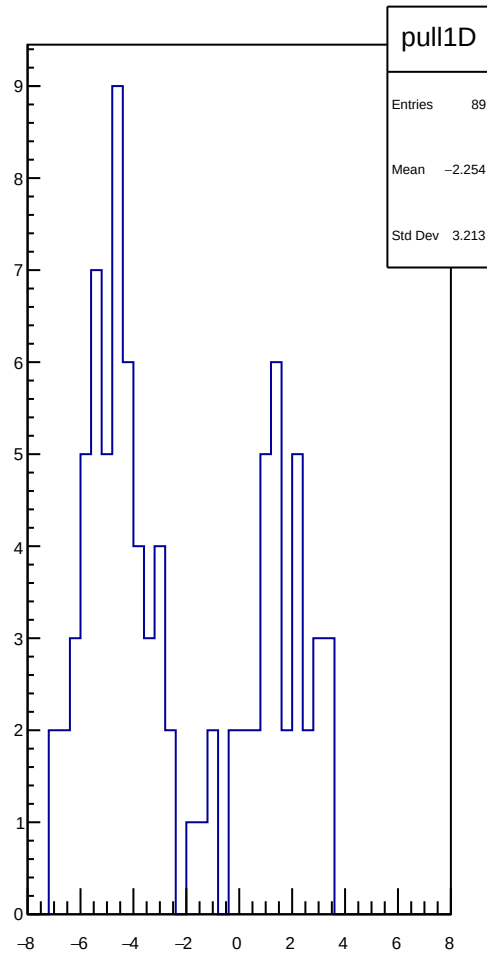
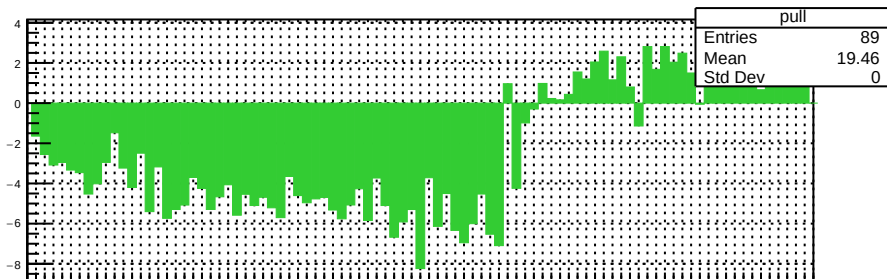
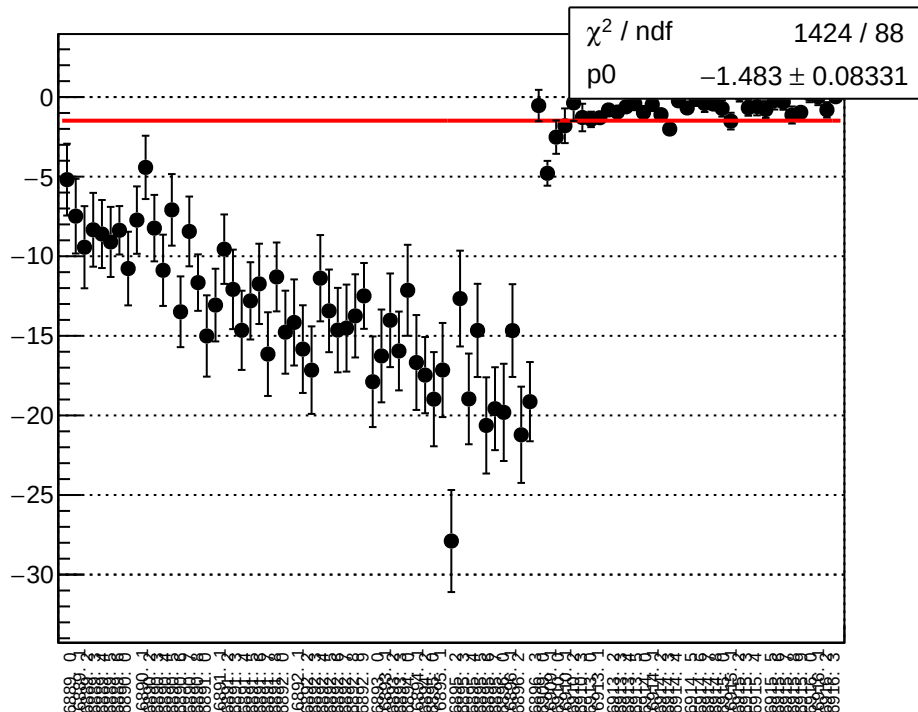
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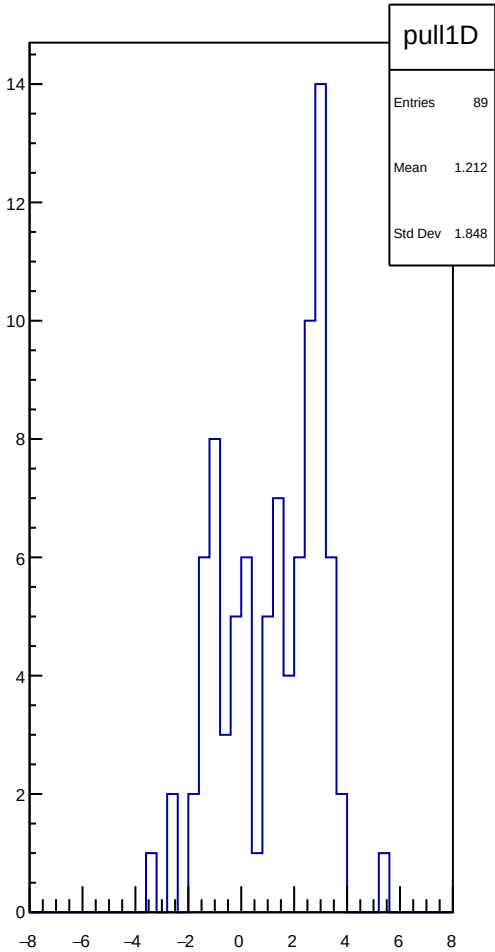
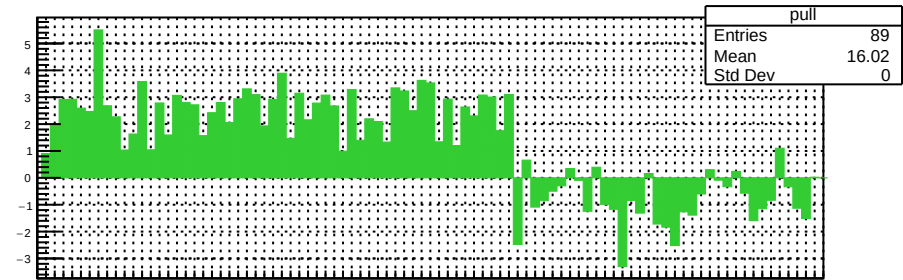
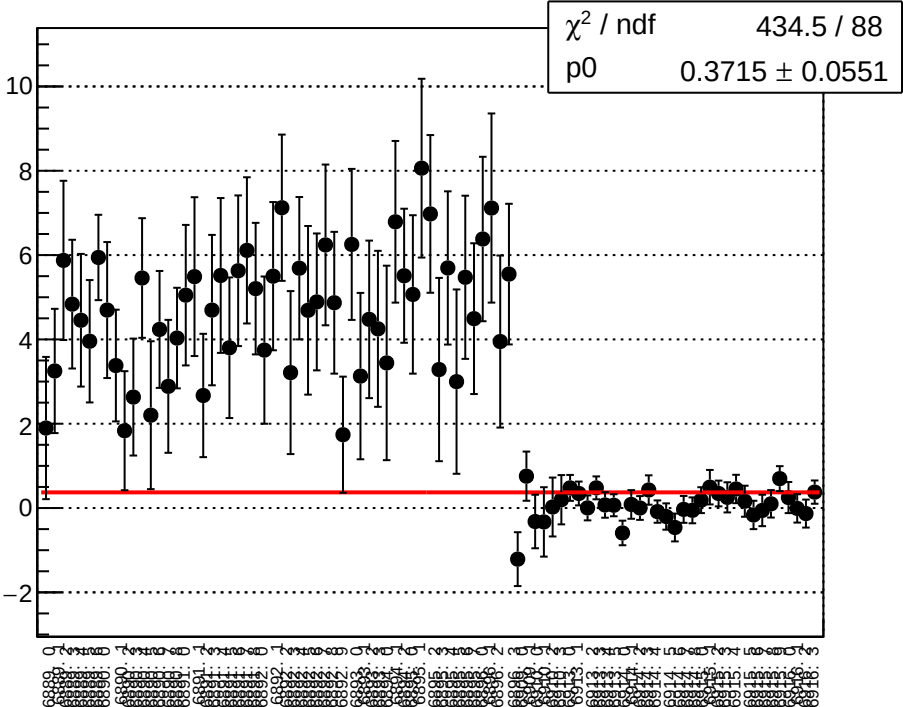
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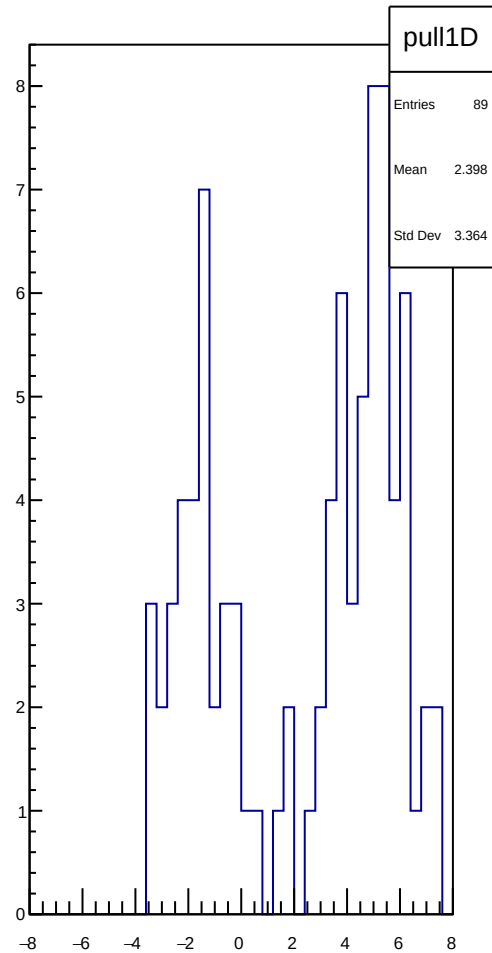
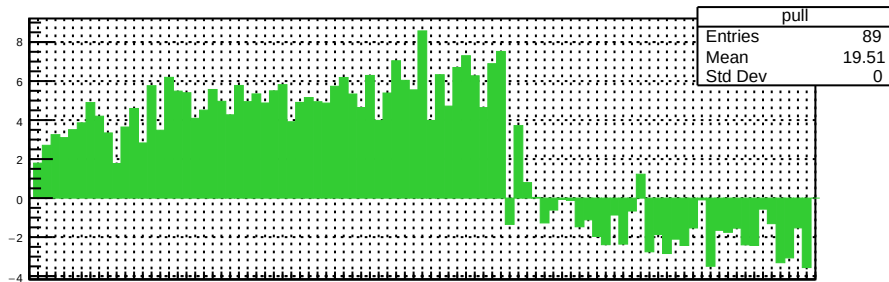
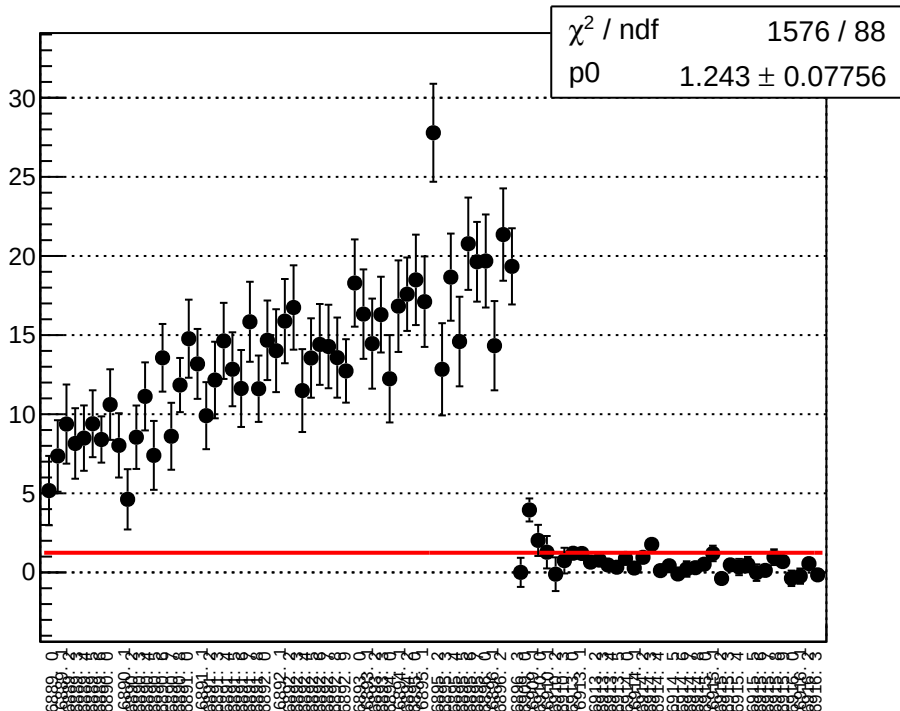
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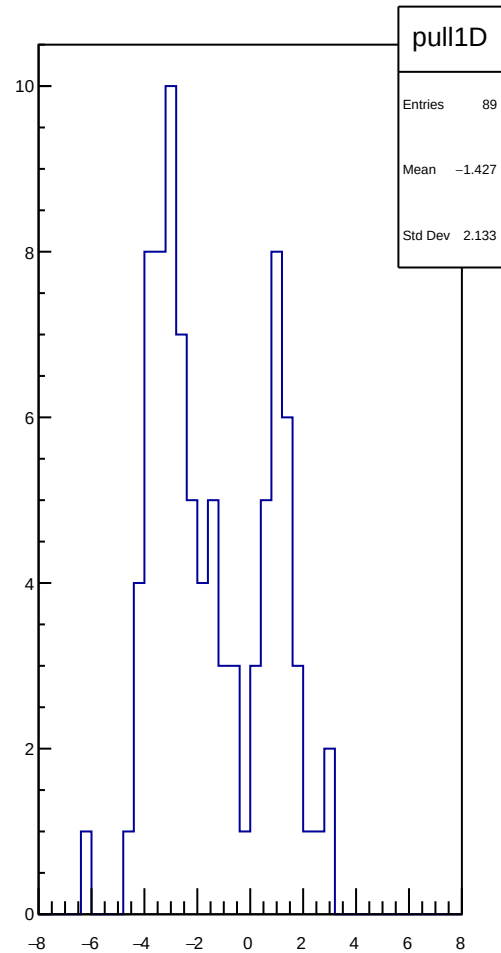
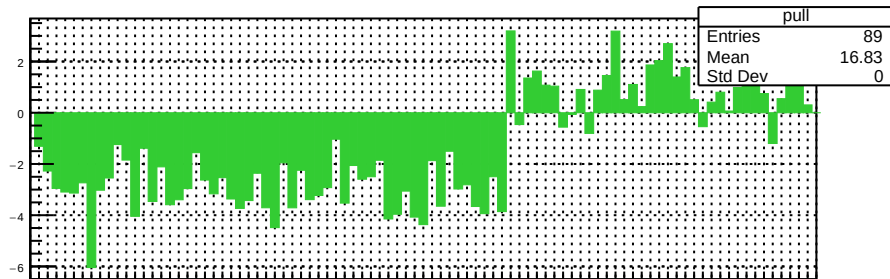
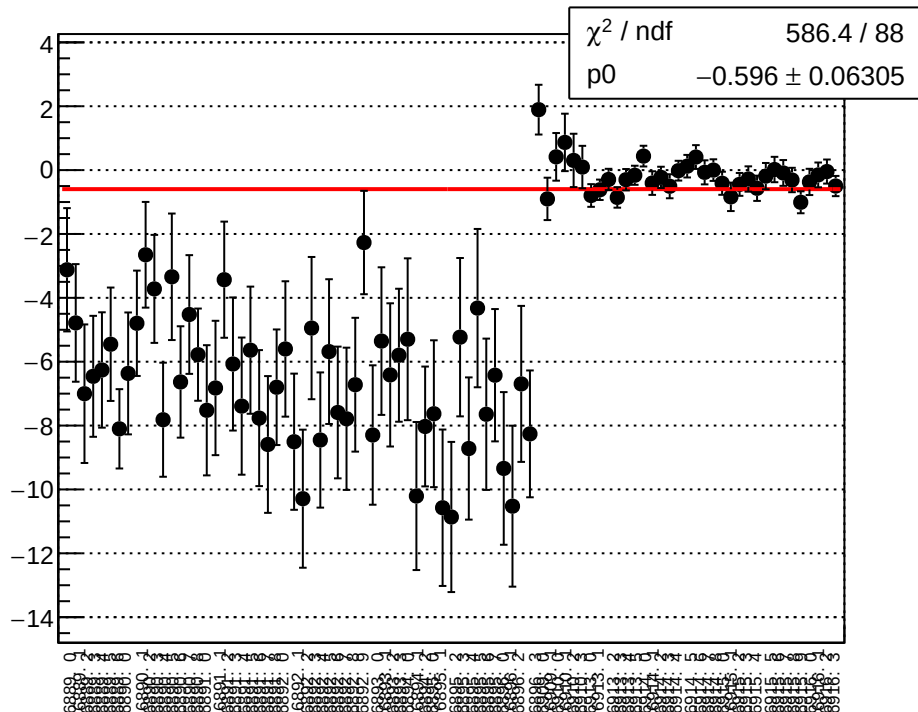
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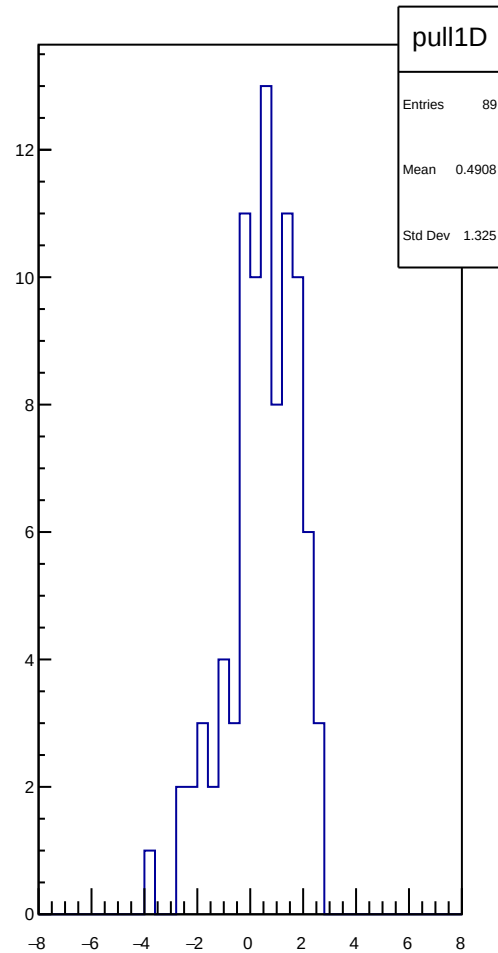
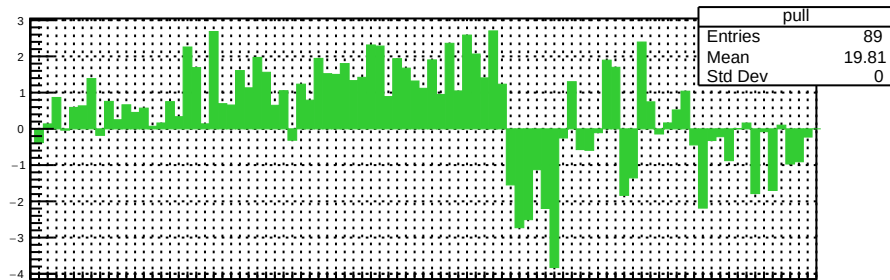
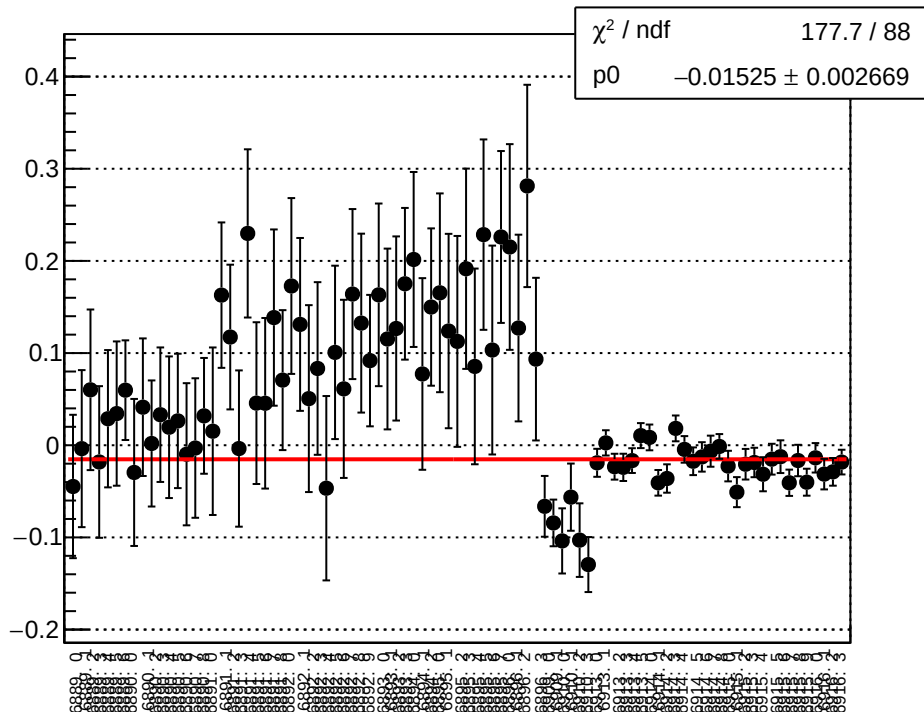
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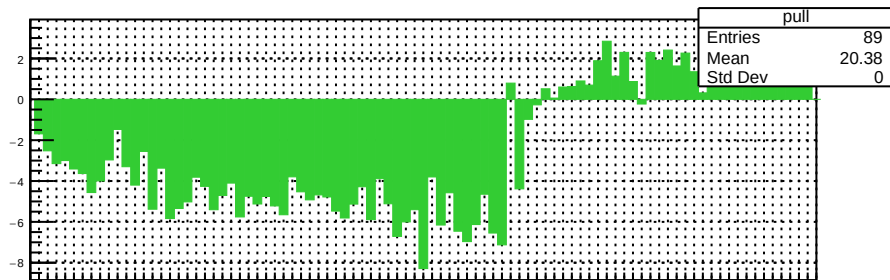
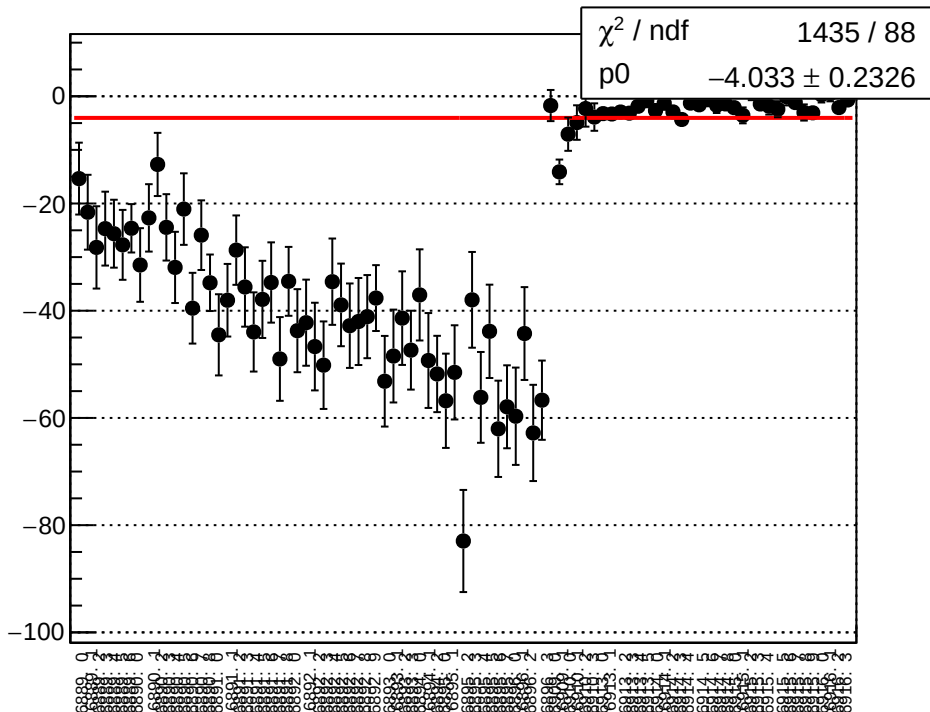
reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs run



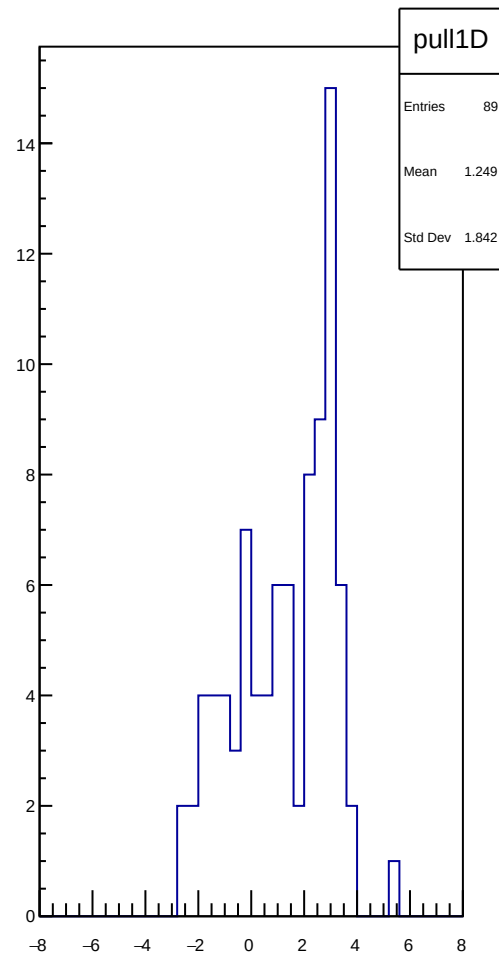
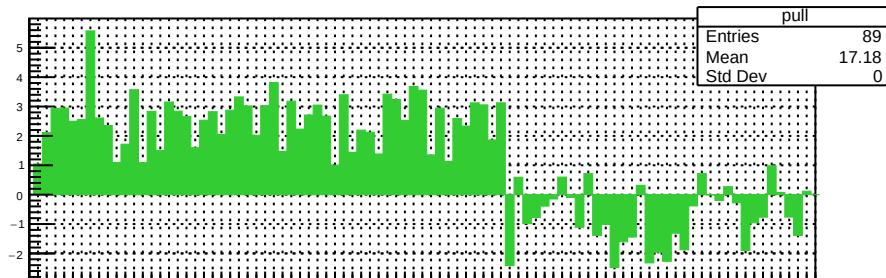
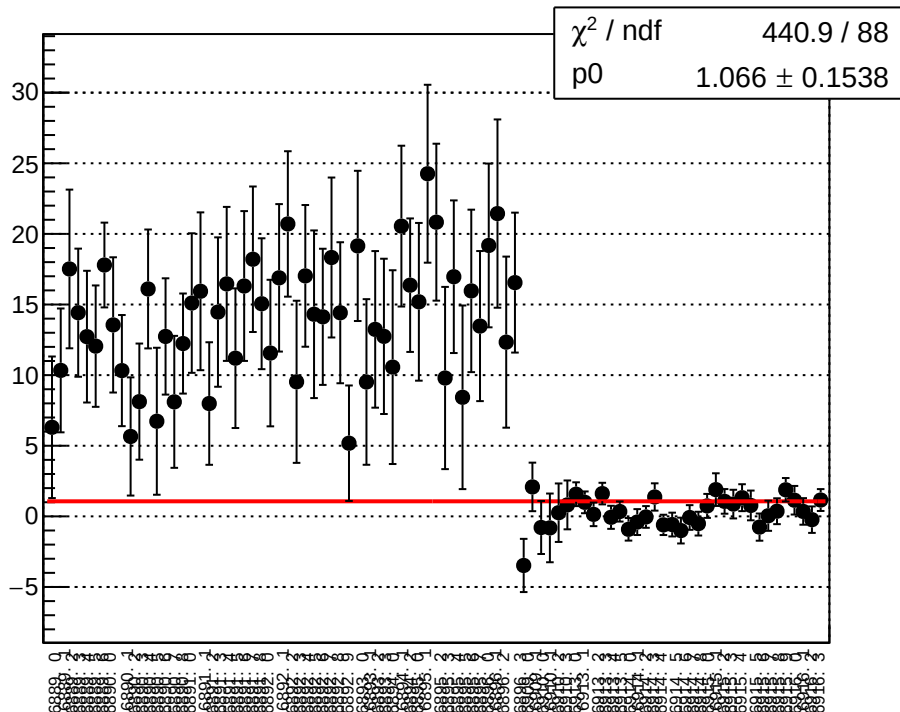
reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs run



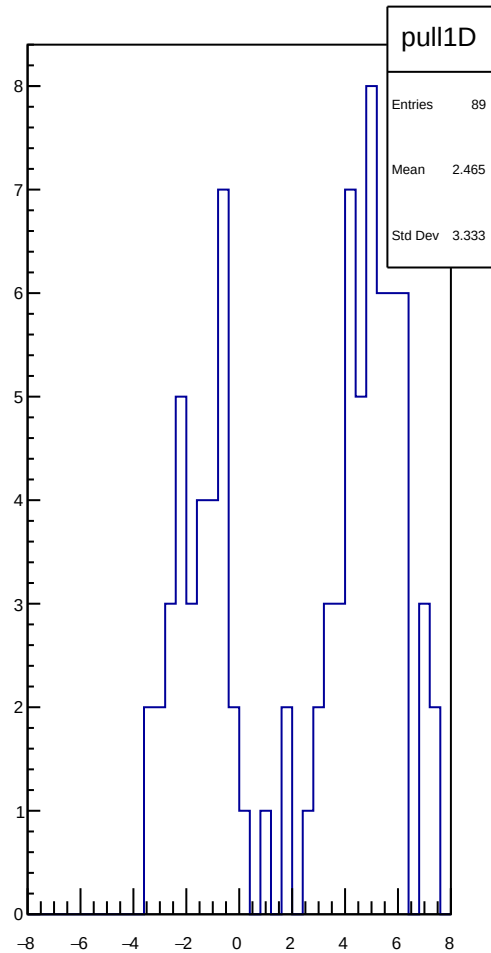
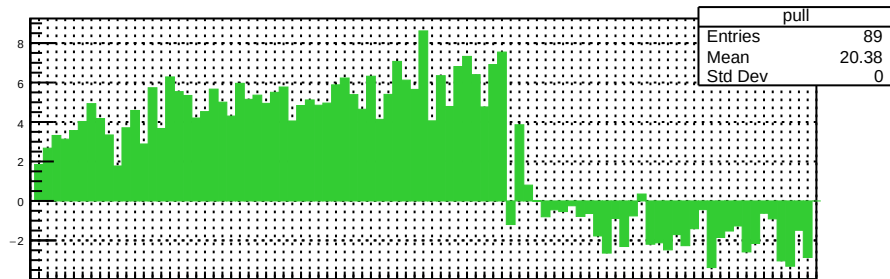
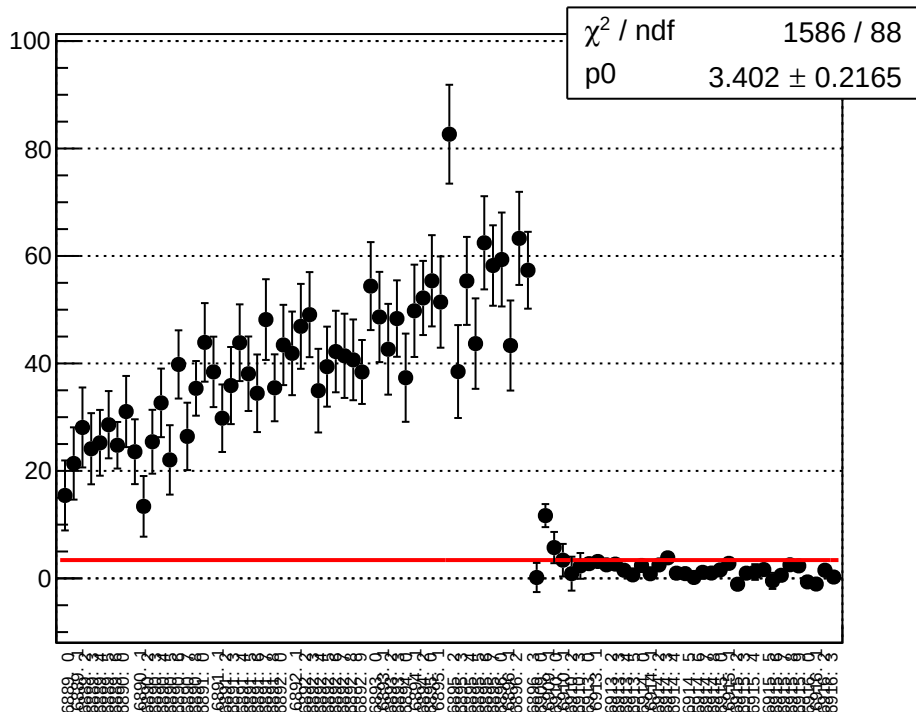
reg_asym_bcm_an_us_an_ds_avg_diff_bpm1X_slope vs run



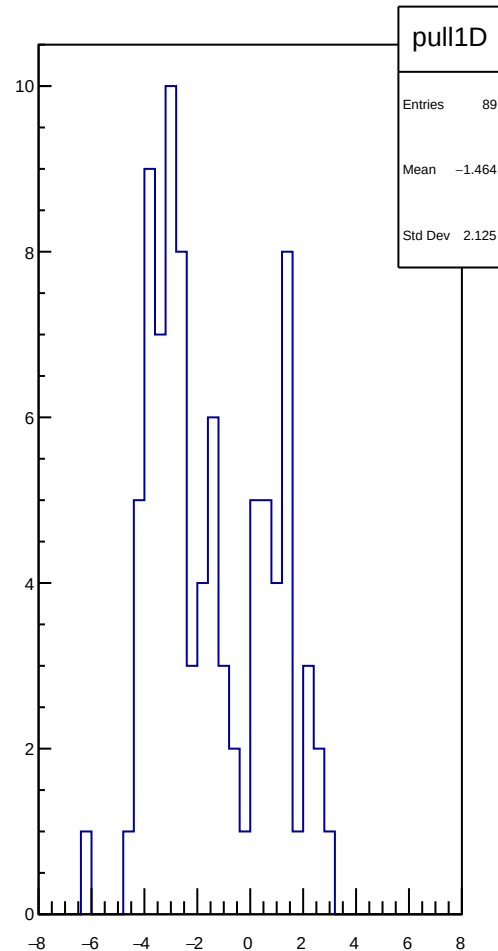
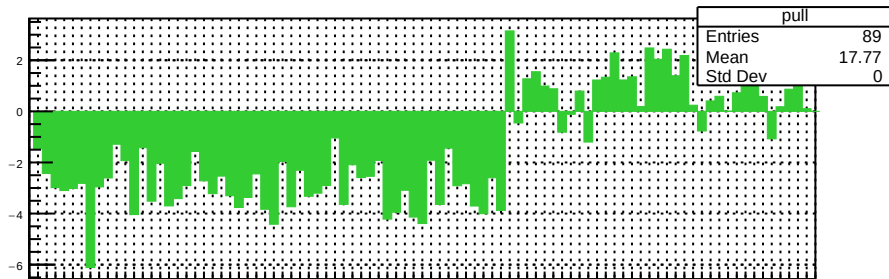
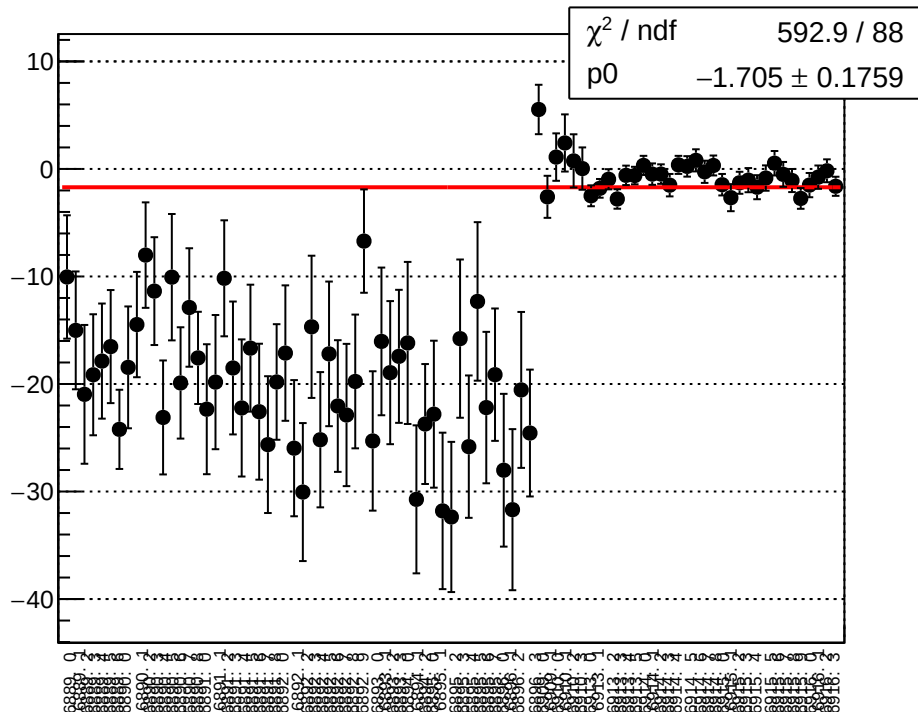
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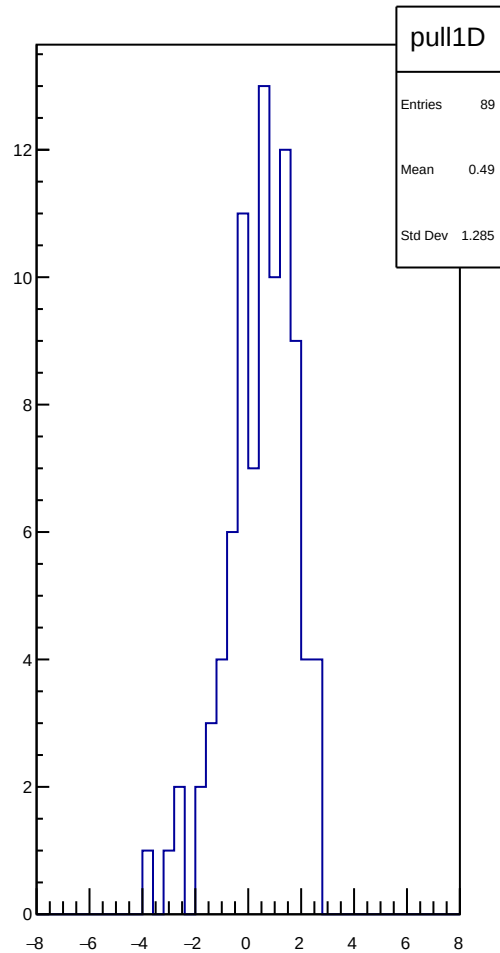
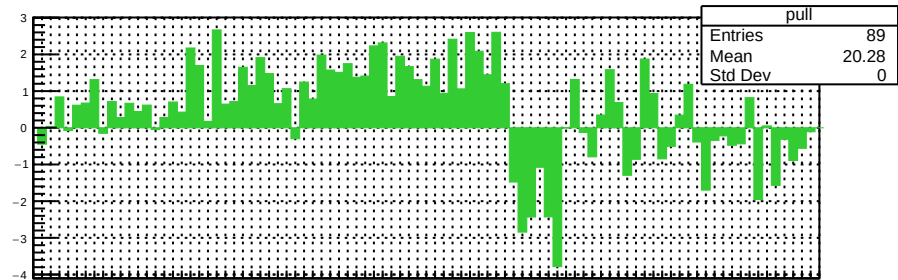
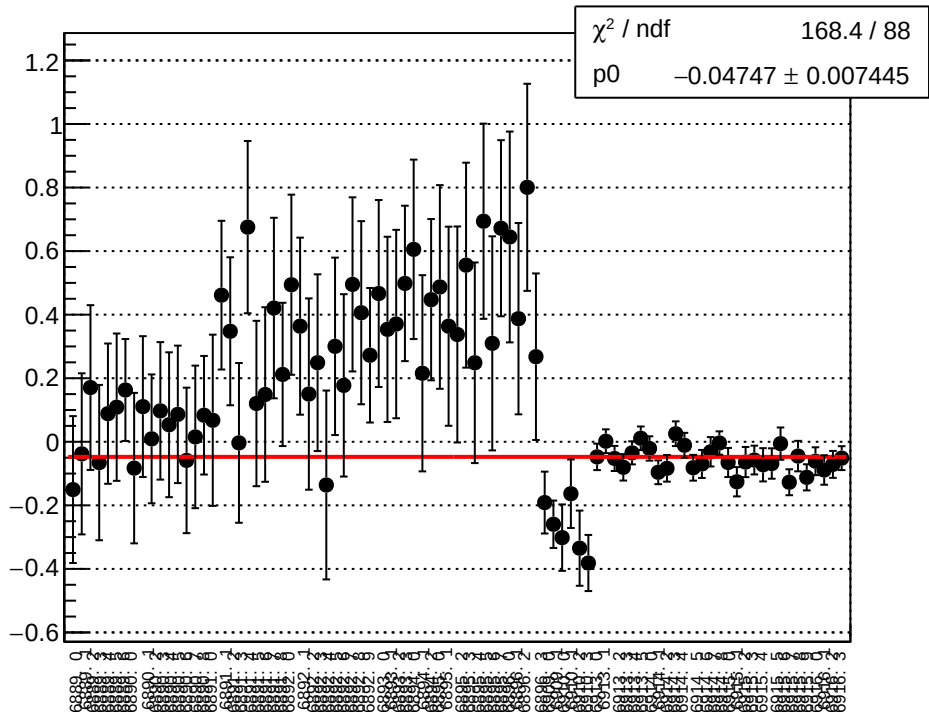
reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs run



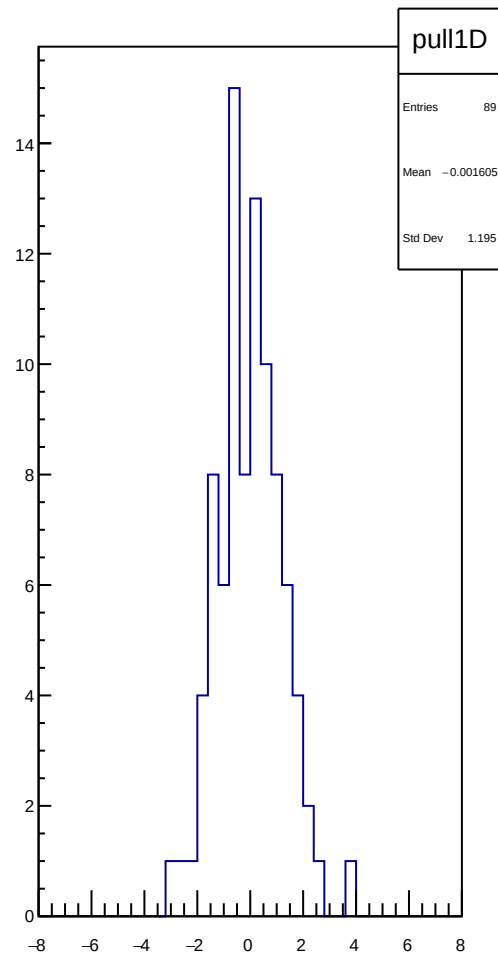
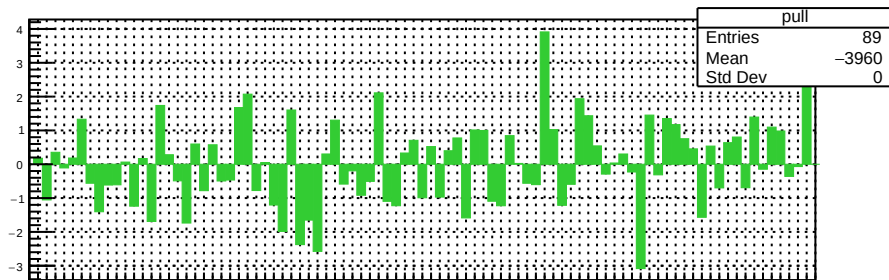
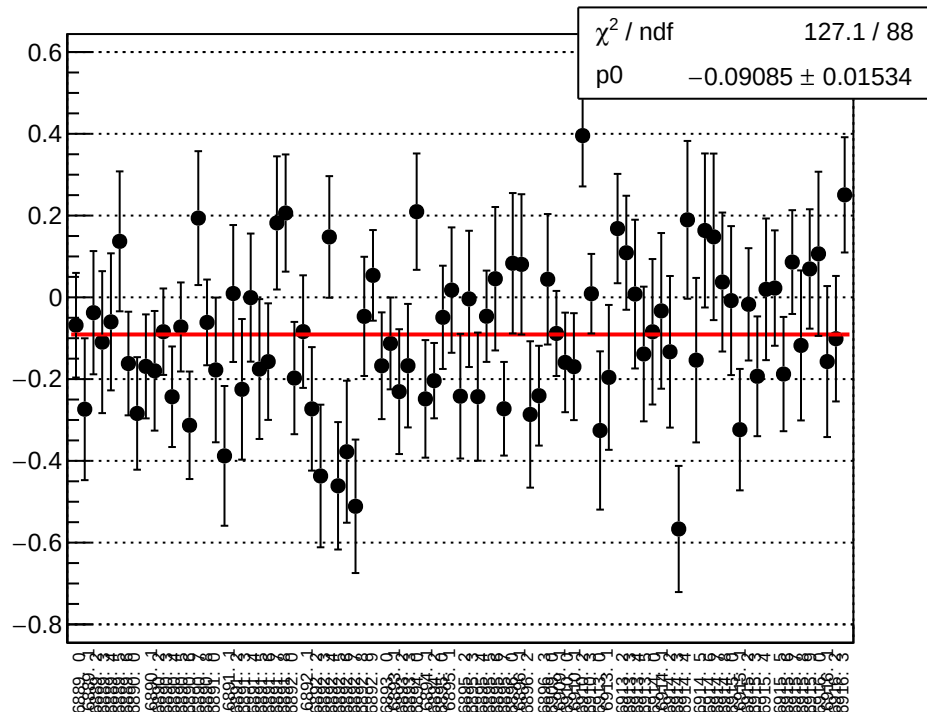
reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs run



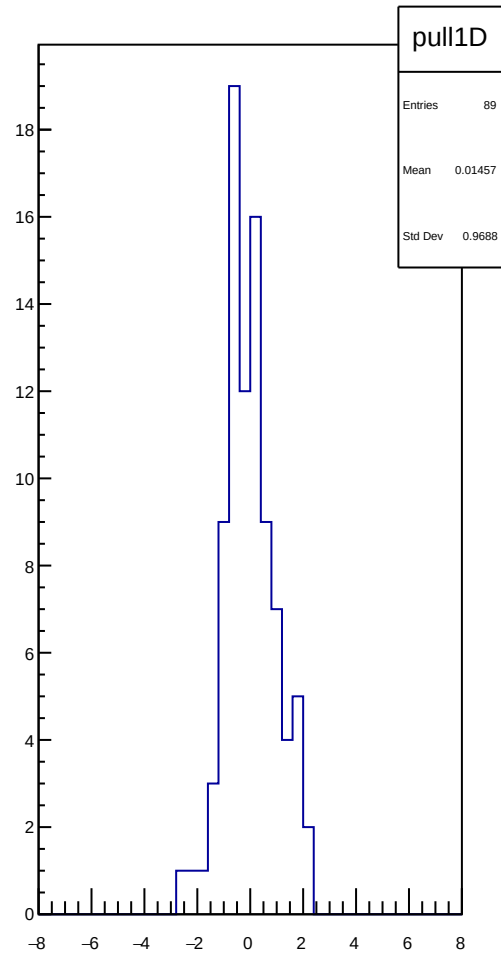
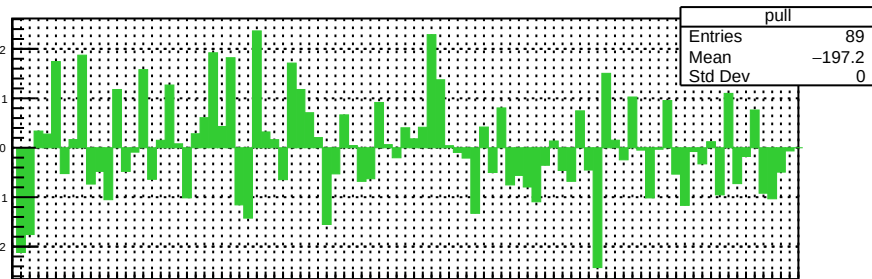
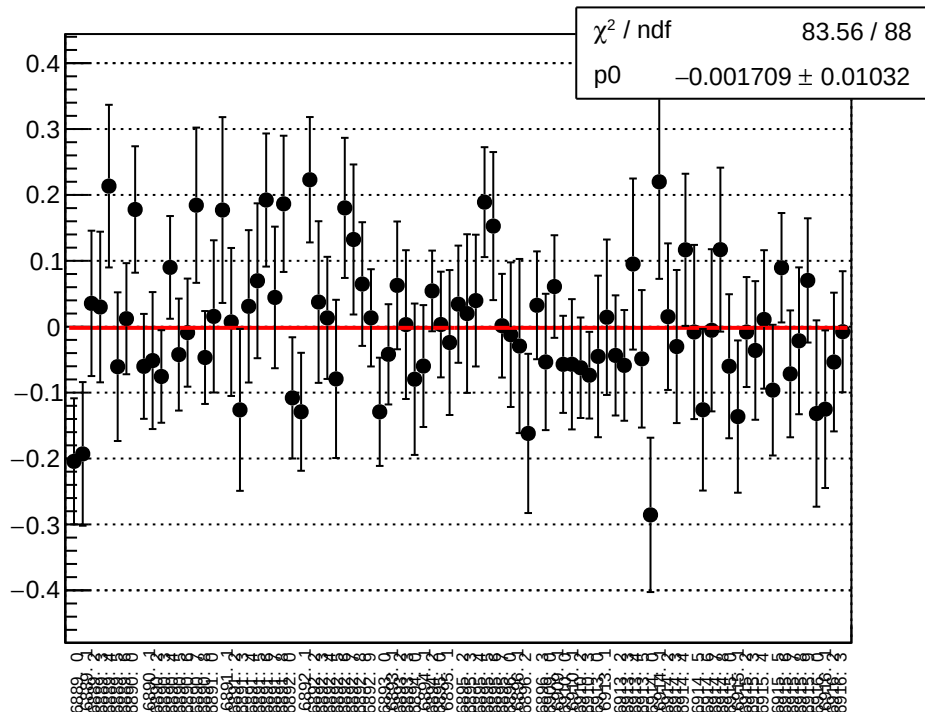
reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs run



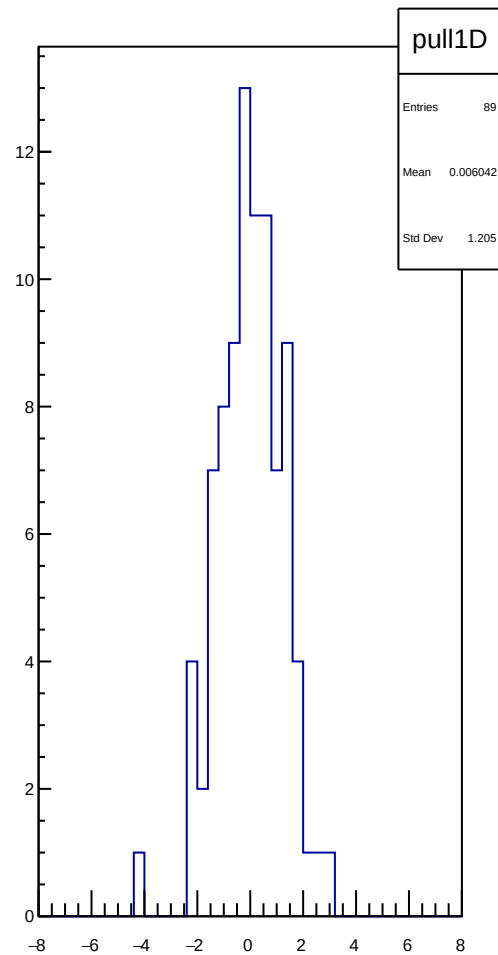
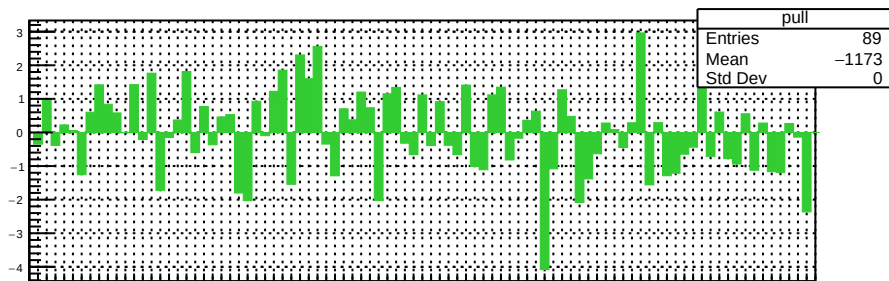
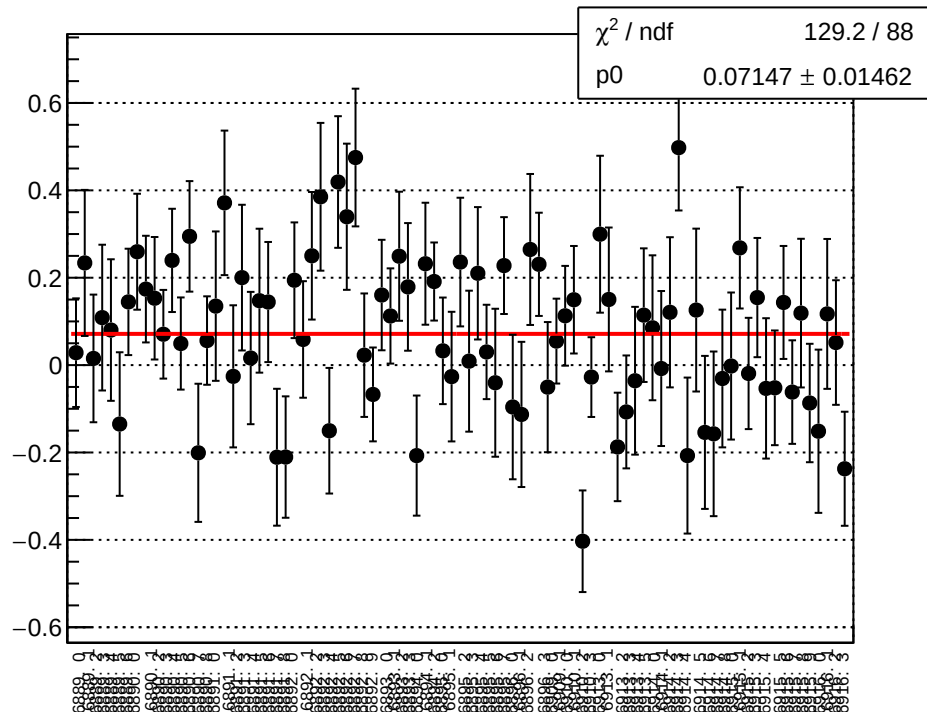
reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs run



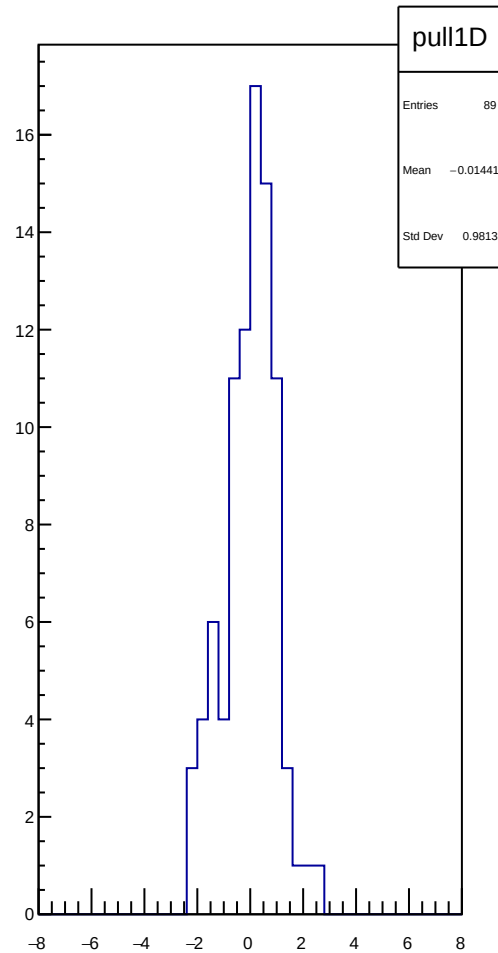
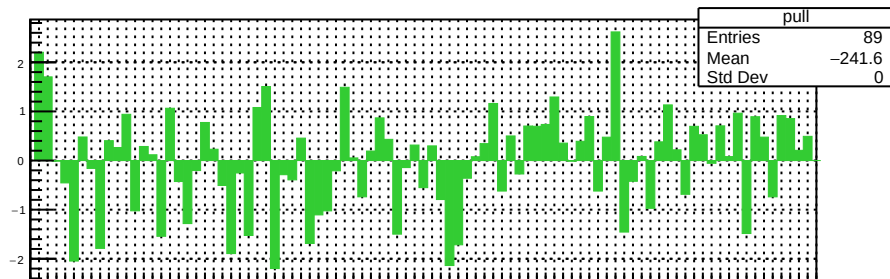
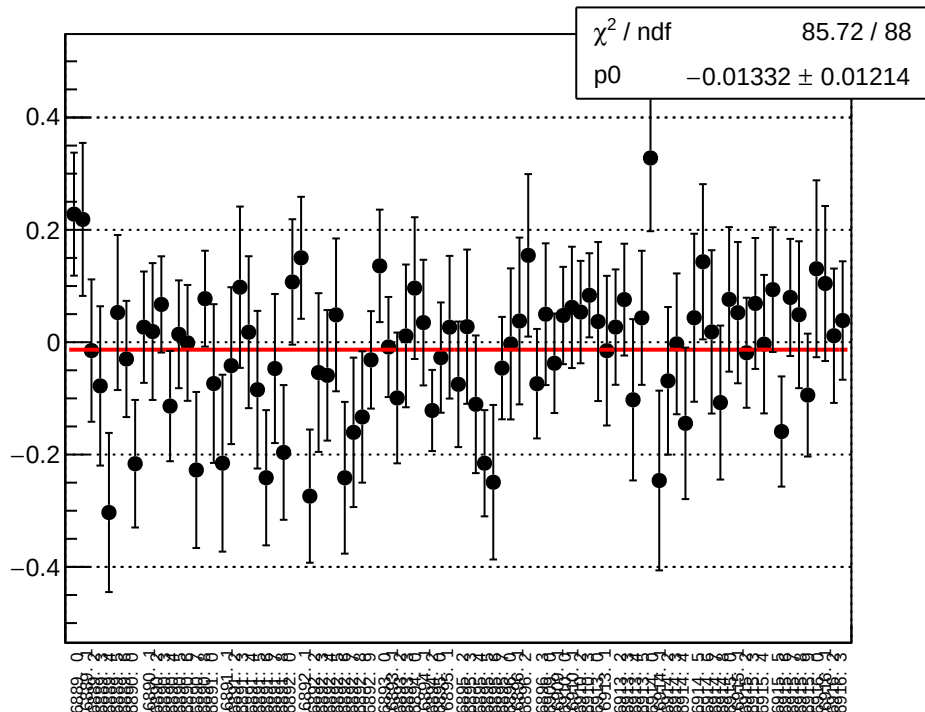
reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs run



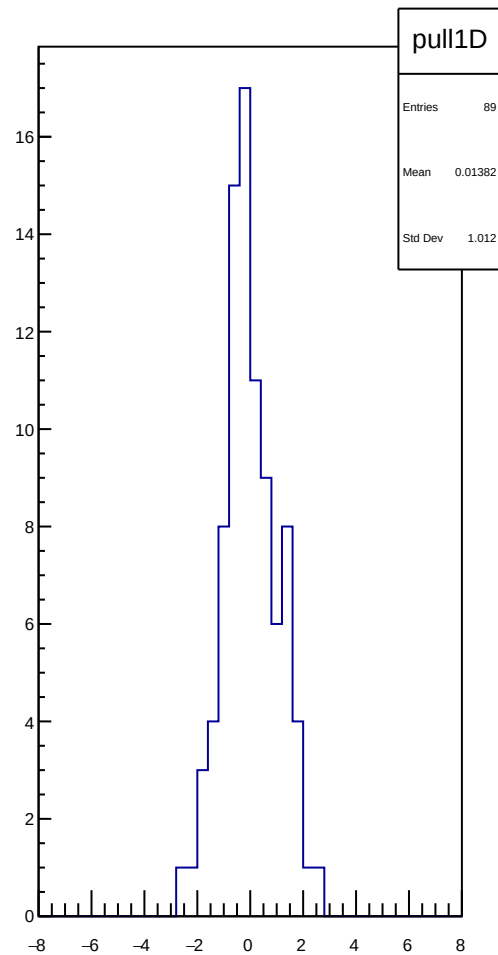
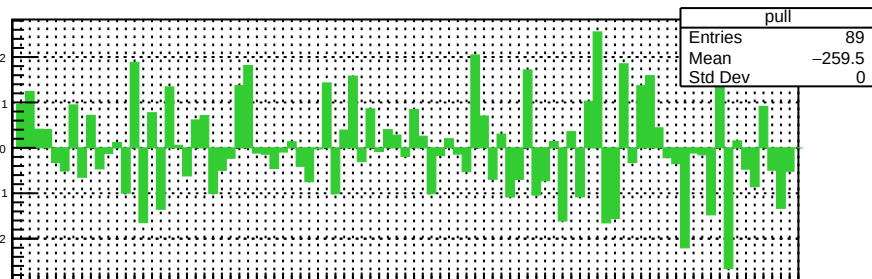
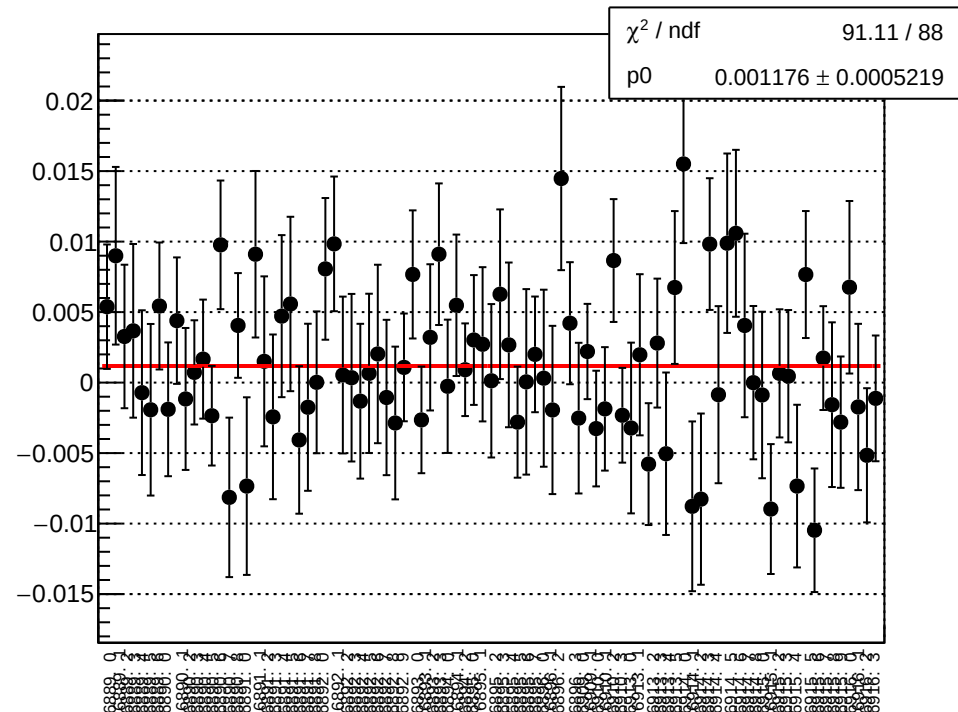
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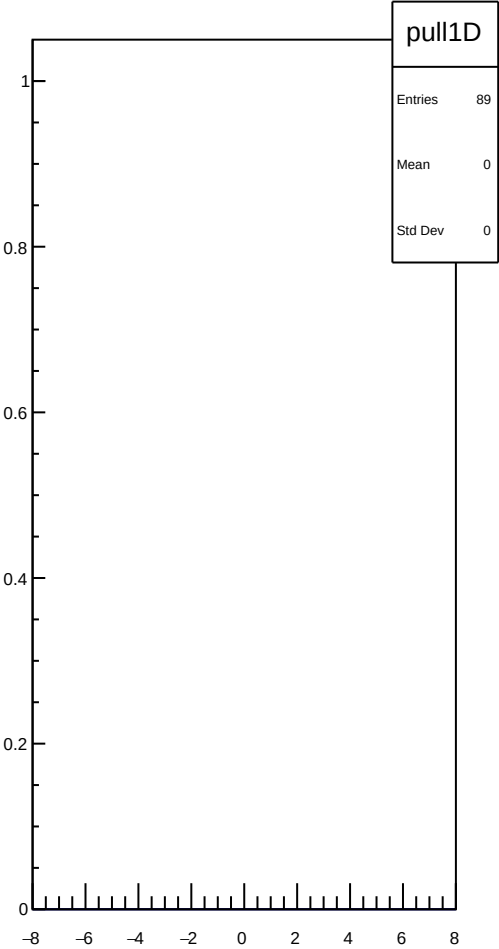
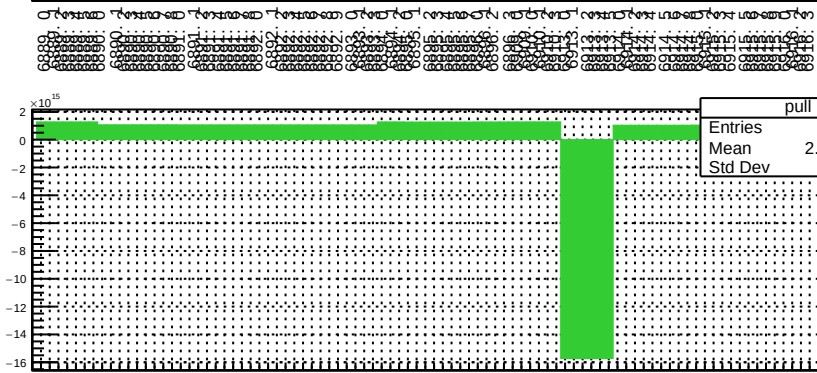
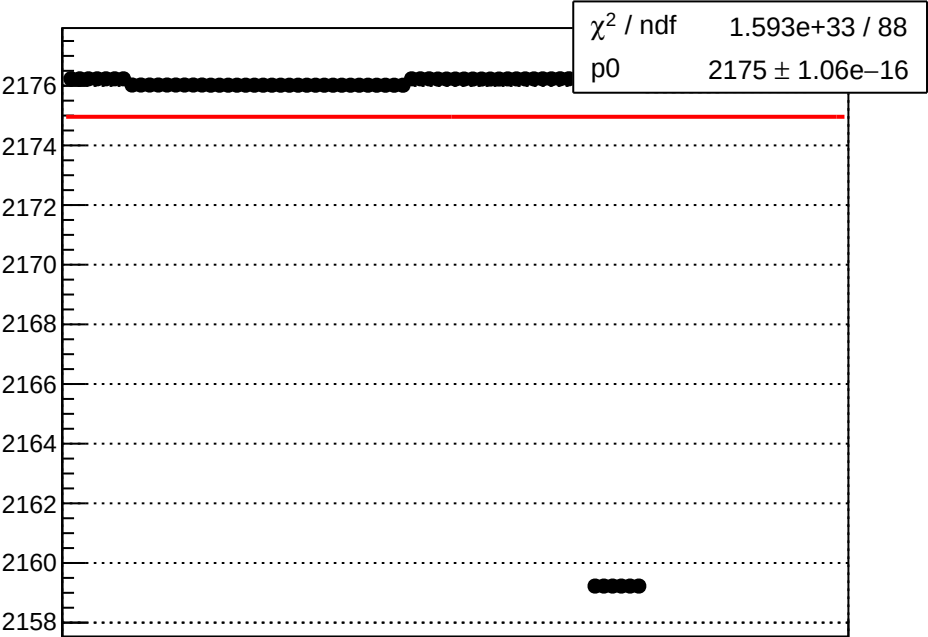
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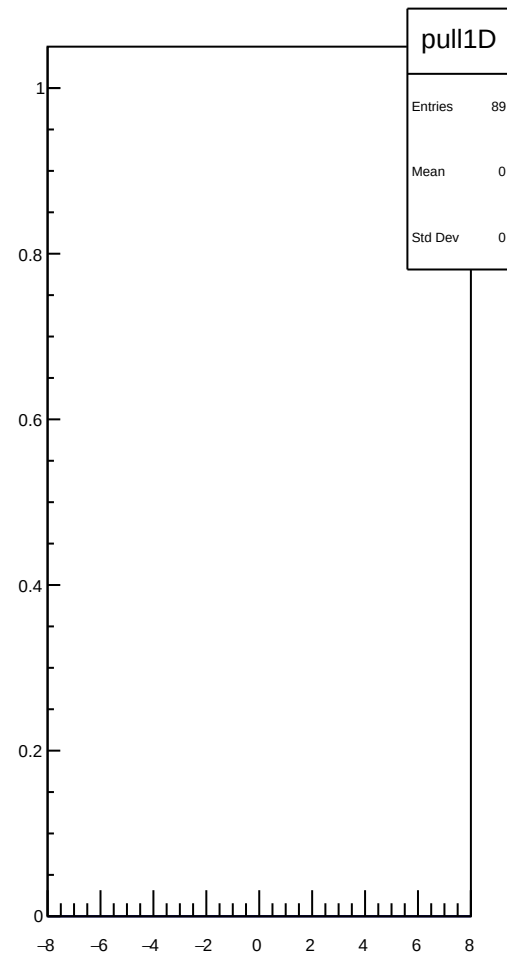
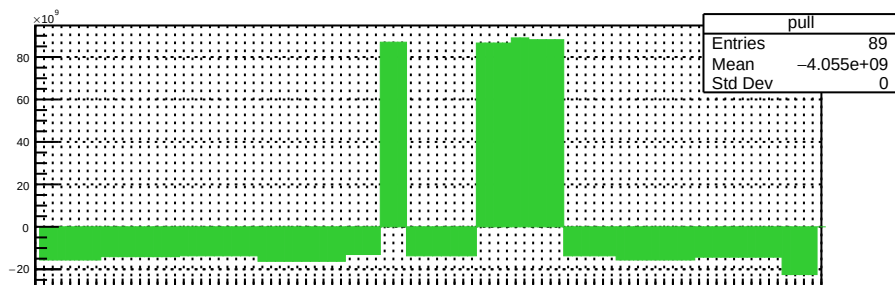
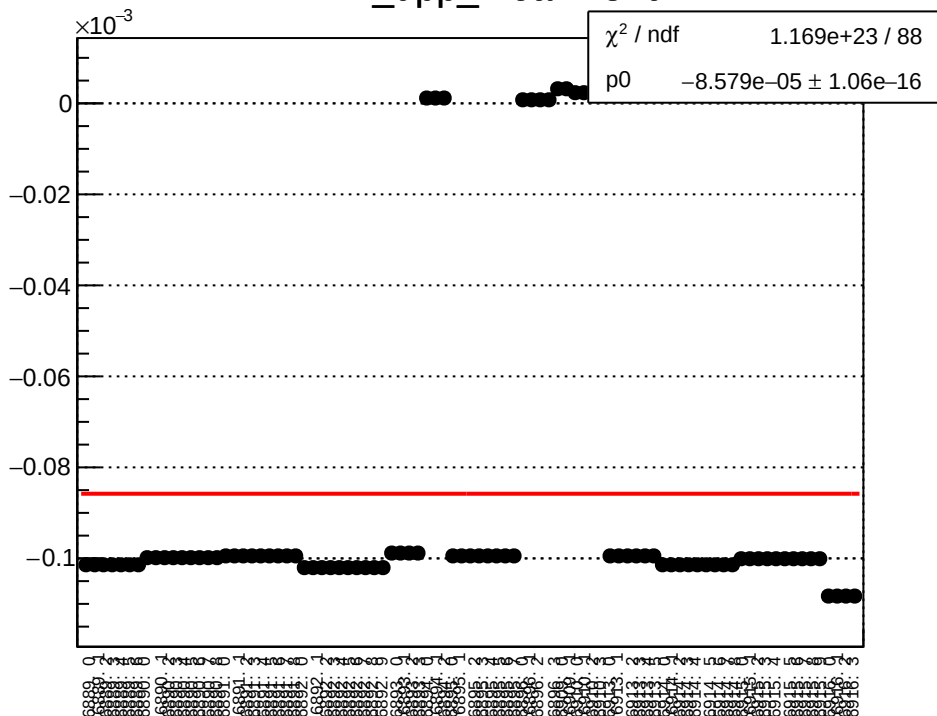
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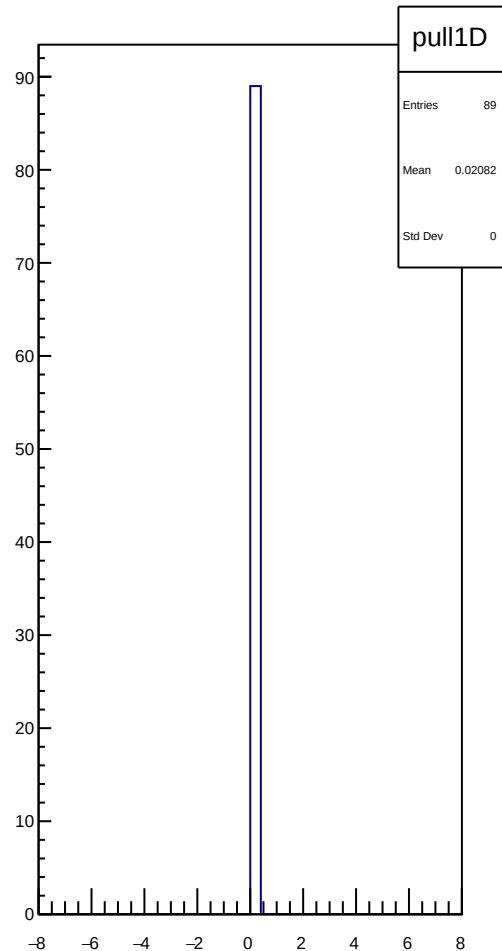
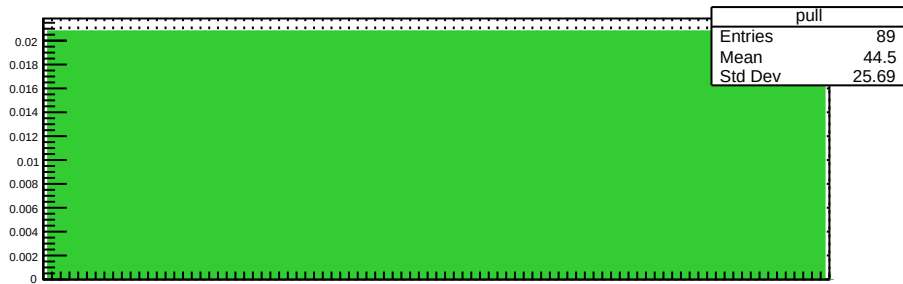
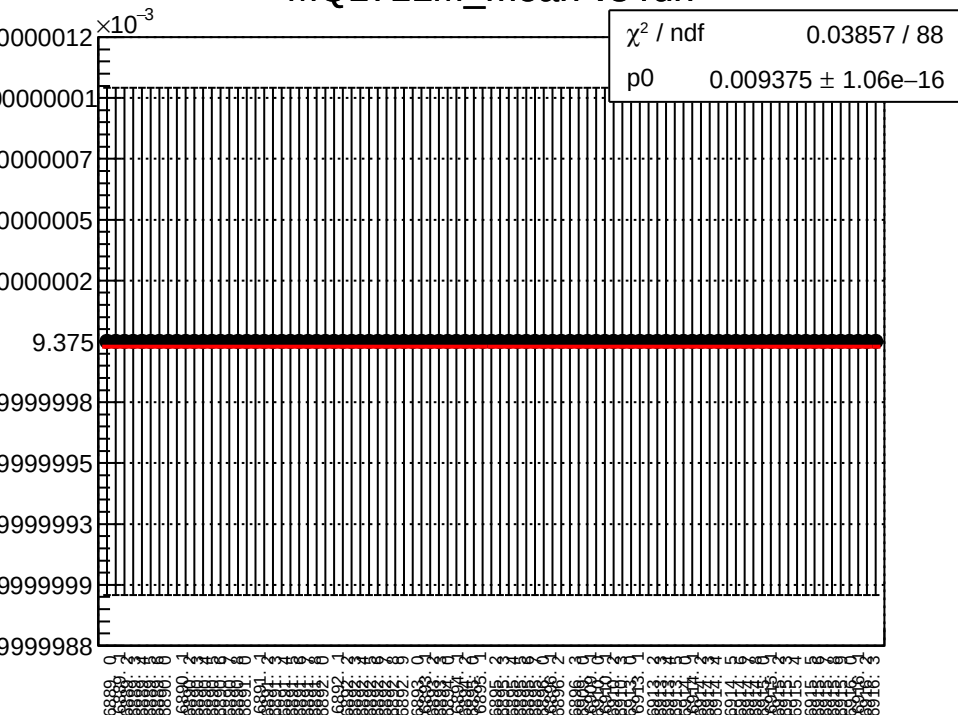
HALLA_p_mean vs run



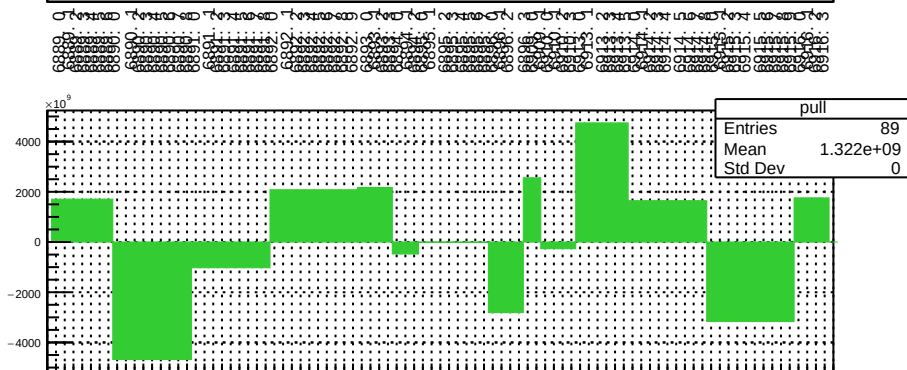
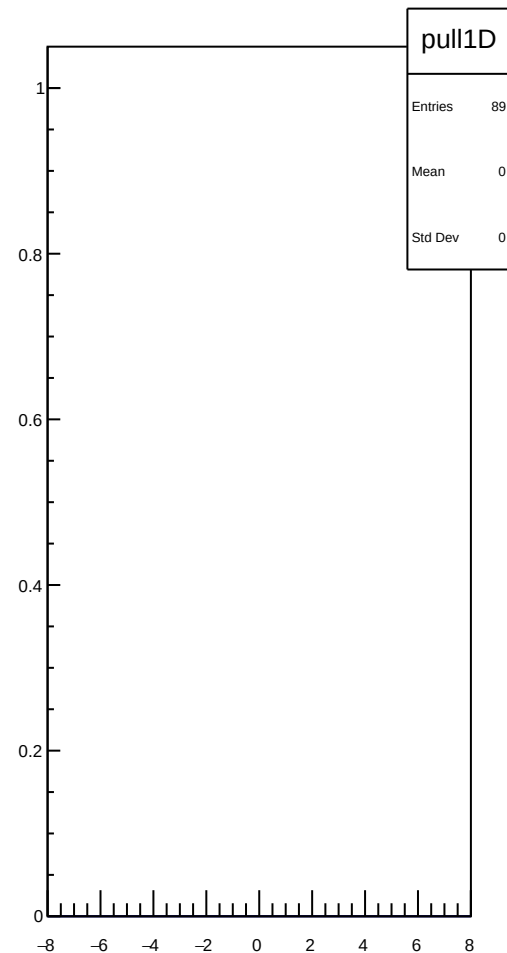
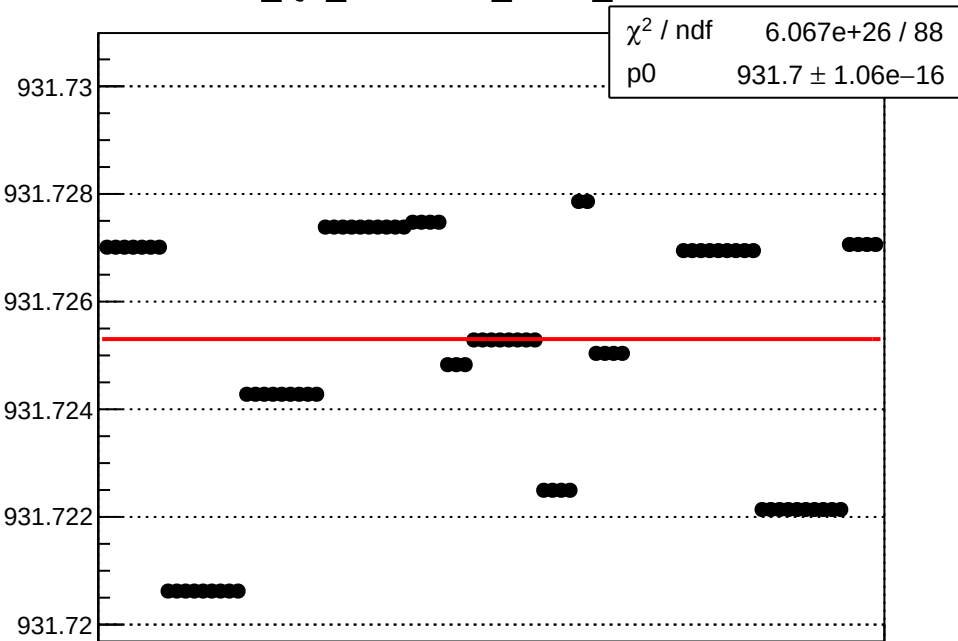
HALLA_dpp_mean vs run



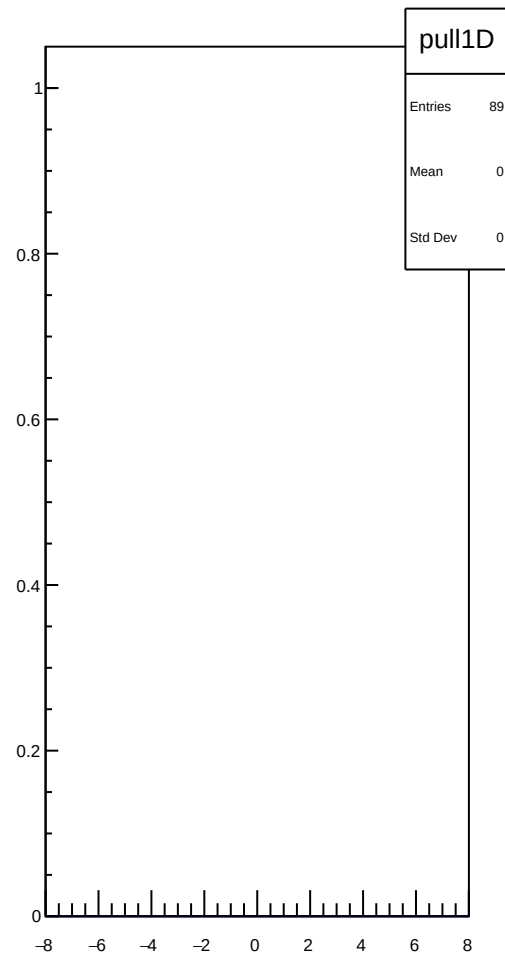
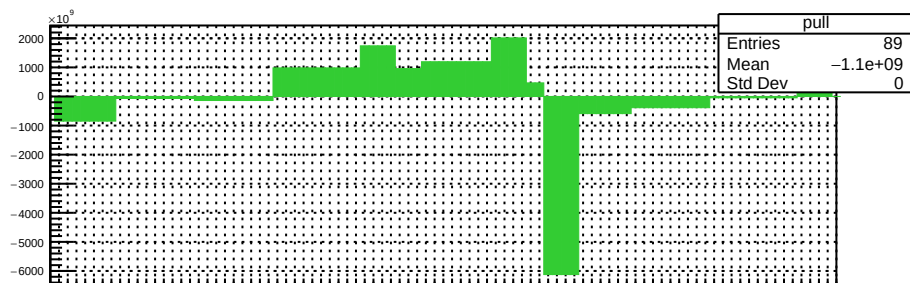
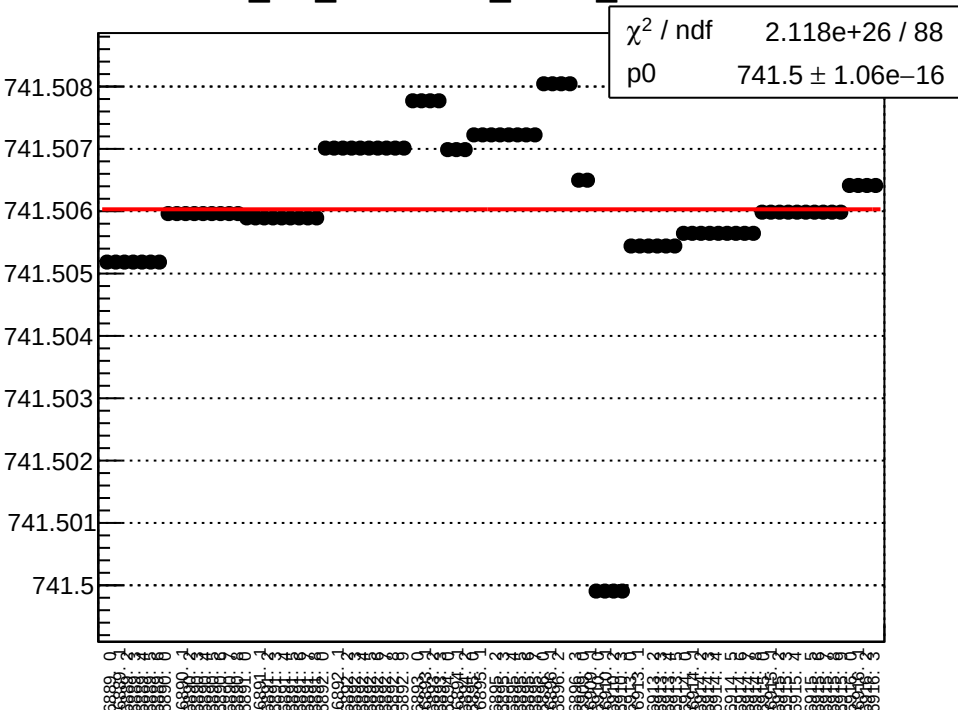
MQ171LM_mean vs run



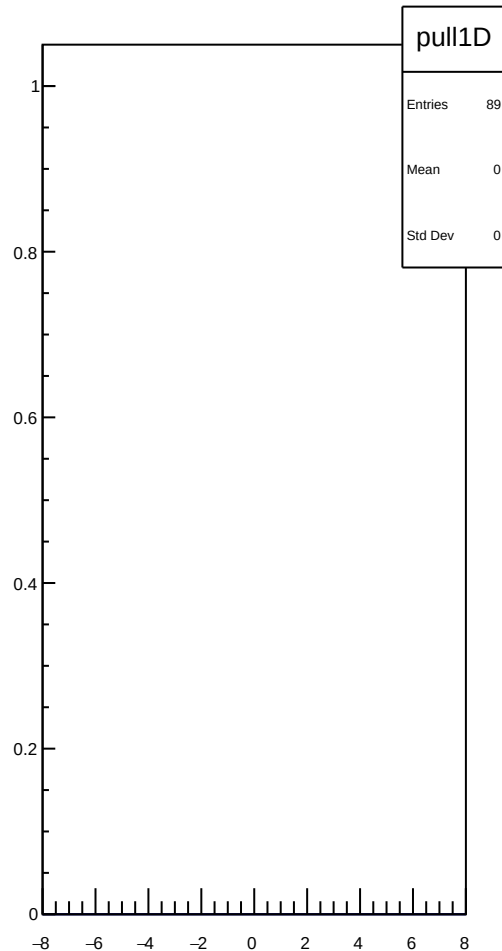
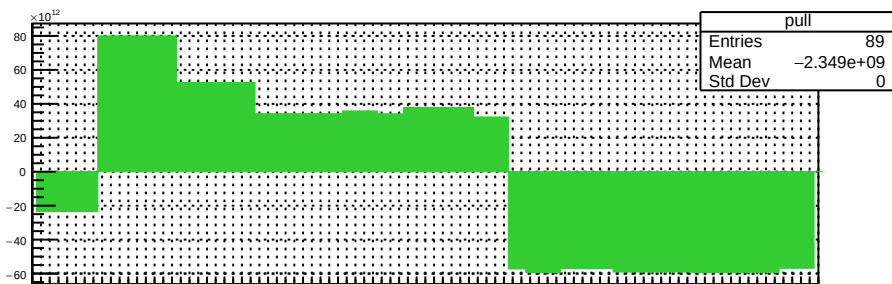
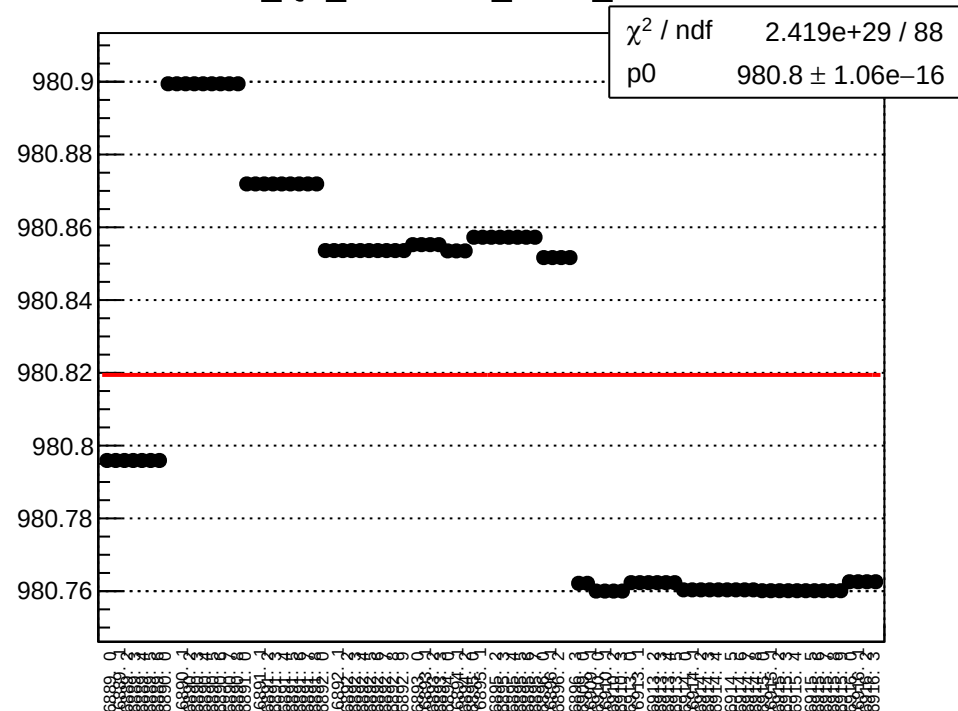
HacL_Q2_HP3458A_IOUT_mean vs run



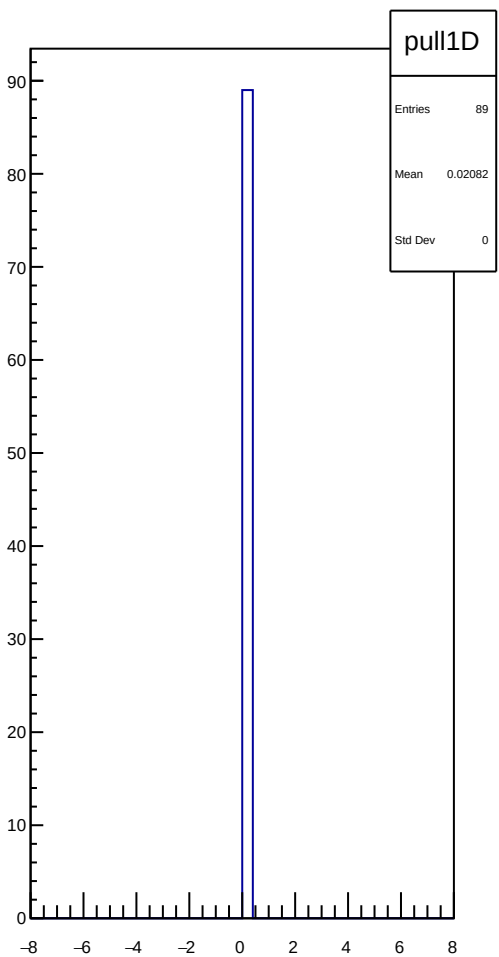
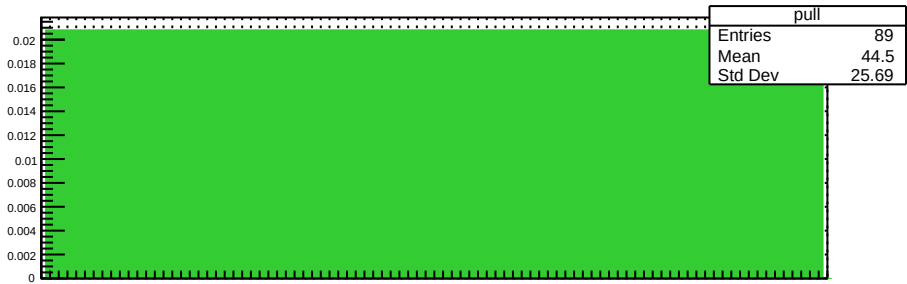
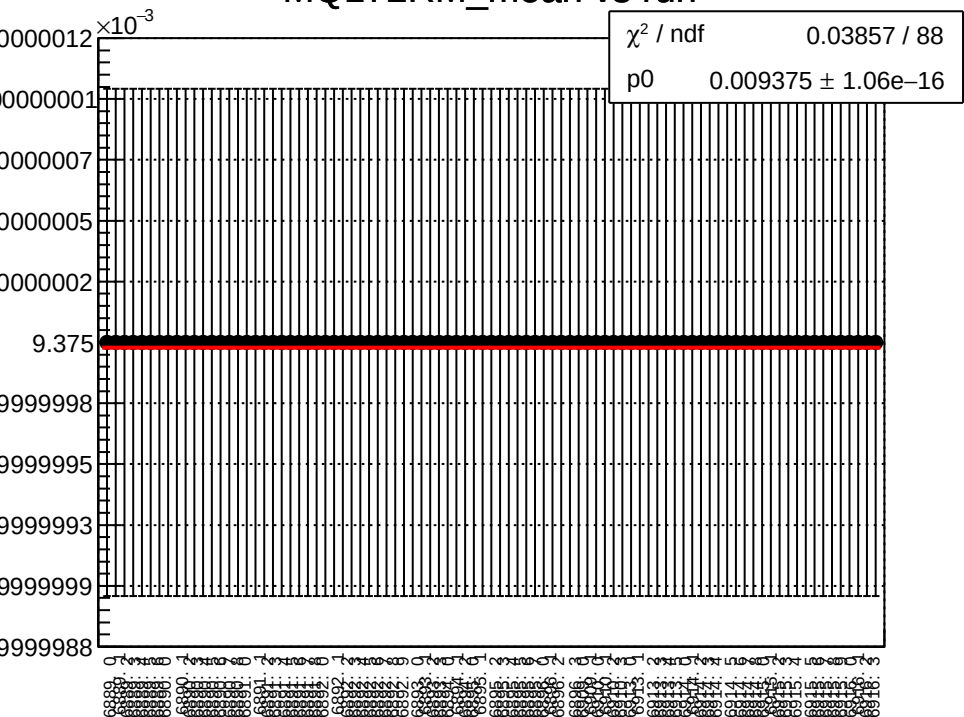
HacL_D1_HP3458A_IOUT_mean vs run



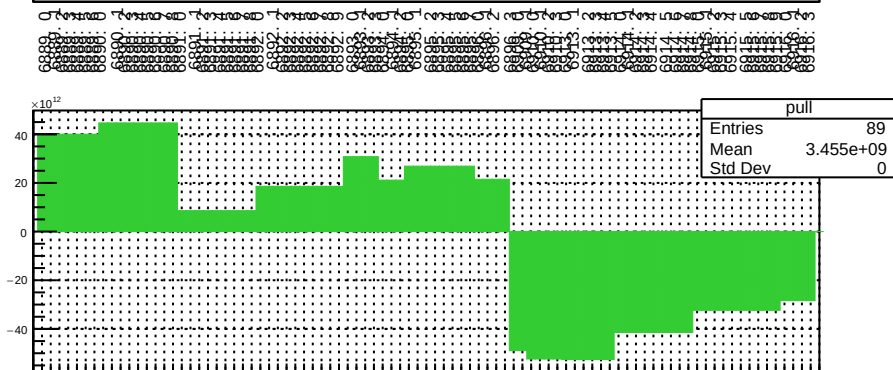
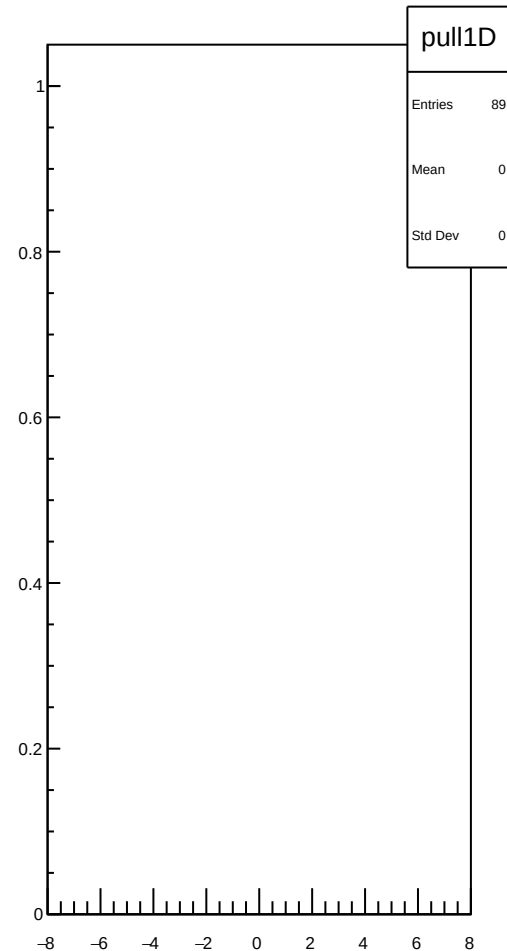
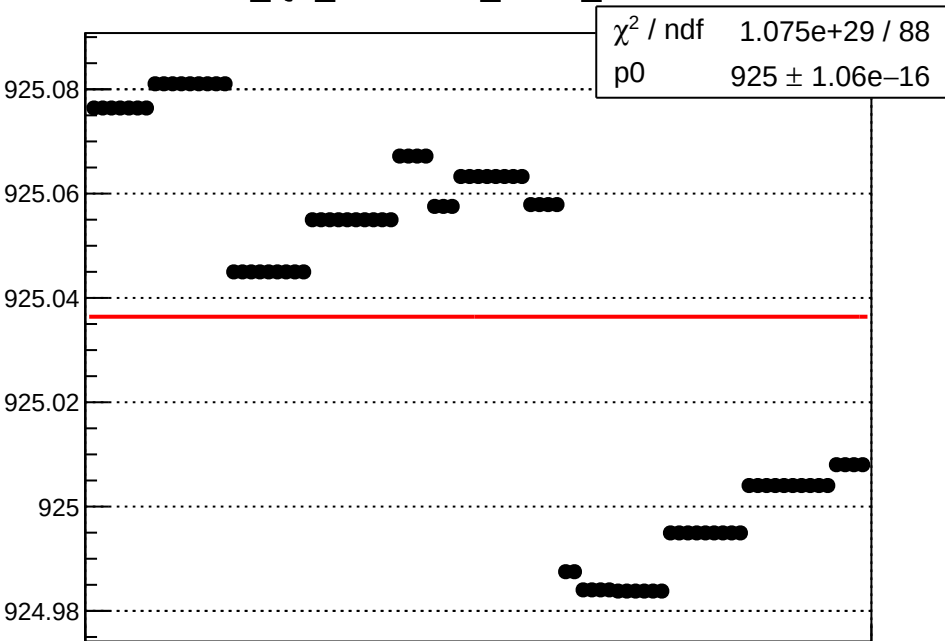
HacL_Q3_HP3458A_IOUT_mean vs run



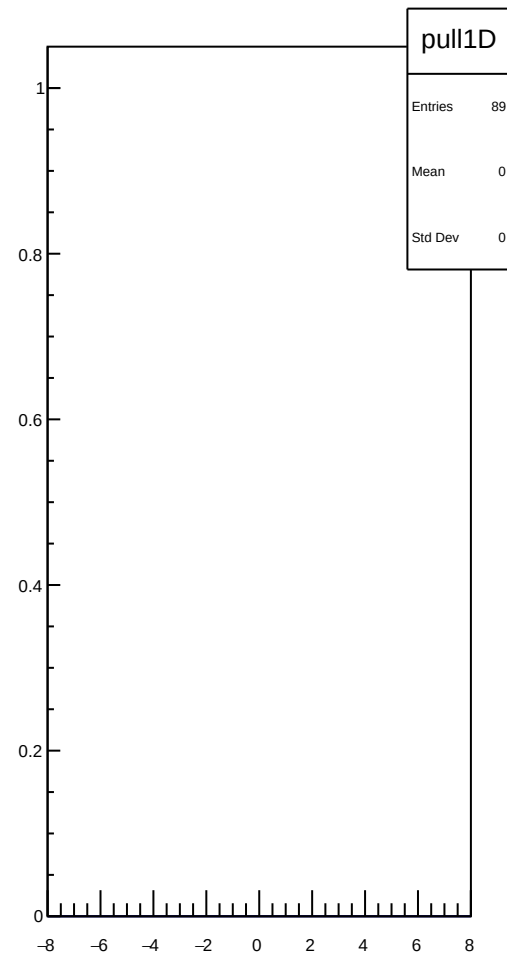
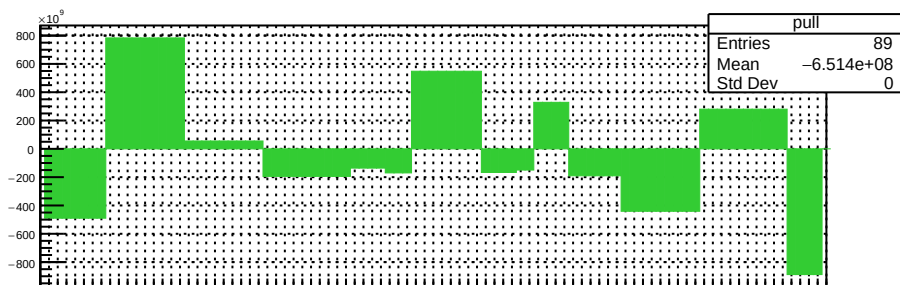
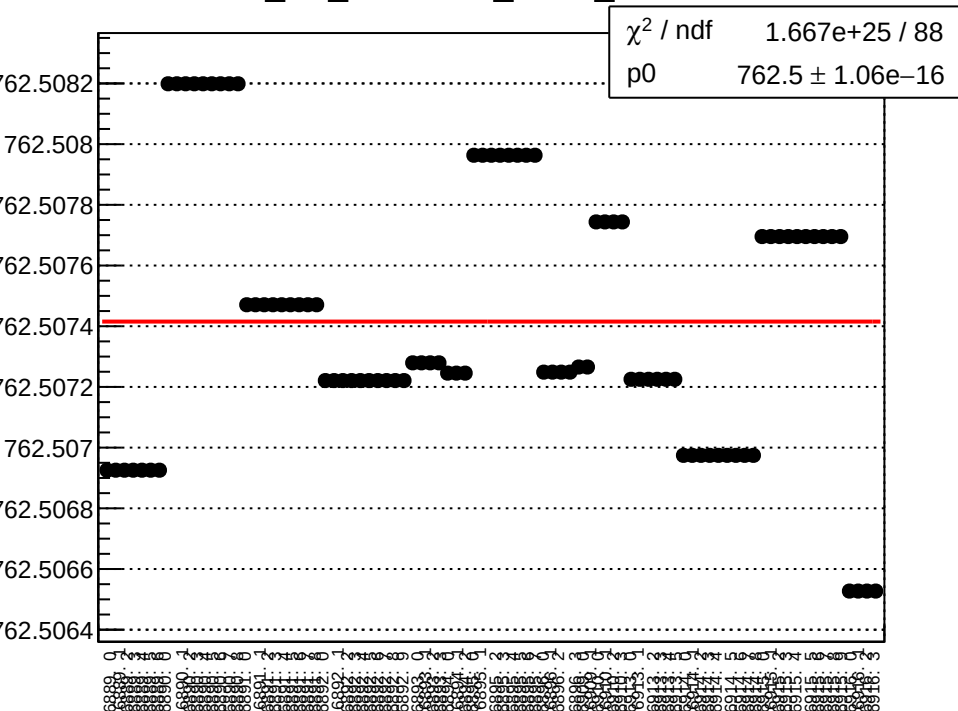
MQ172RM_mean vs run



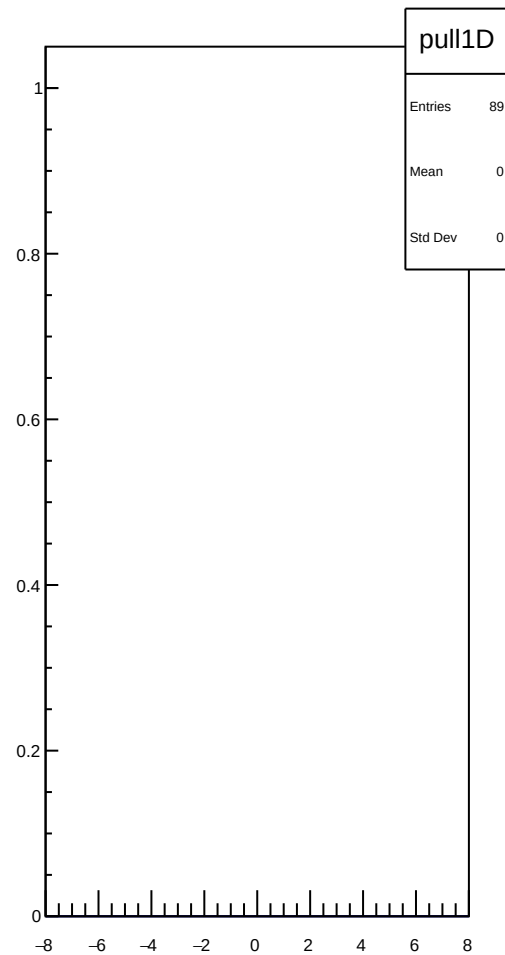
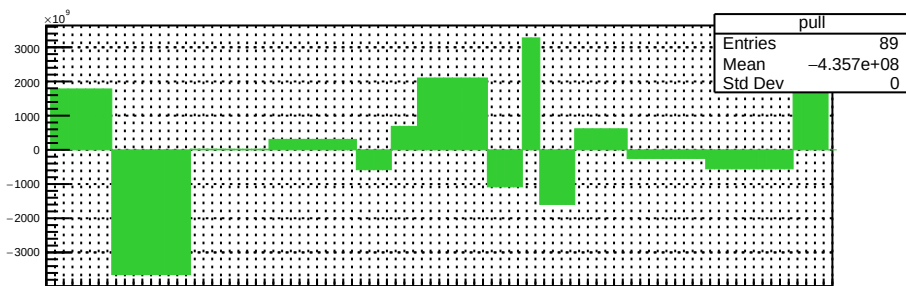
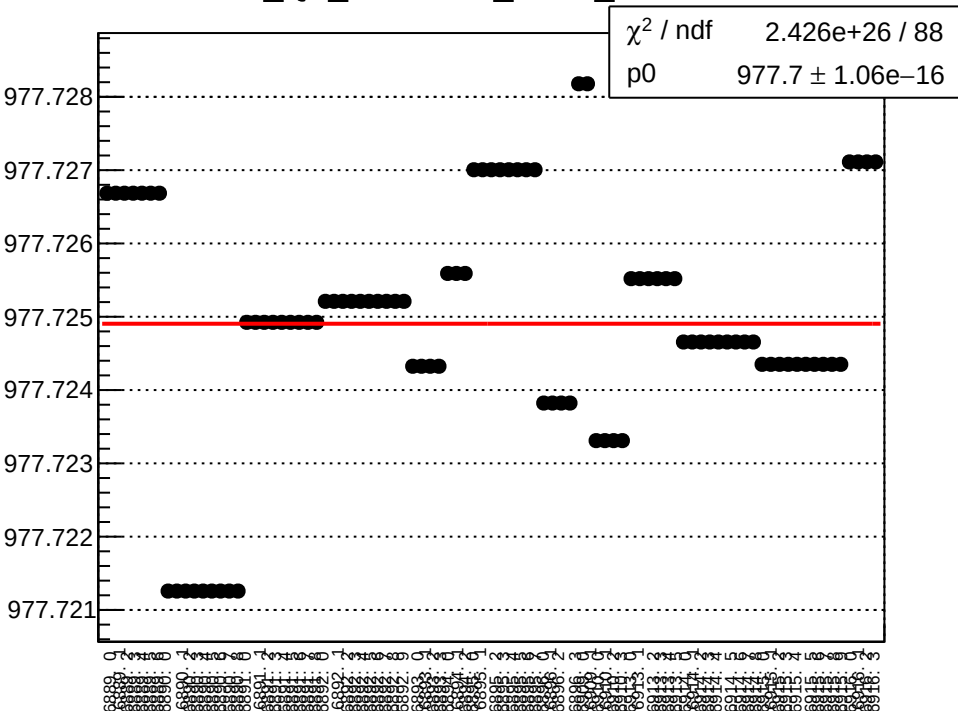
HacR_Q2_HP3458A_IOUT_mean vs run



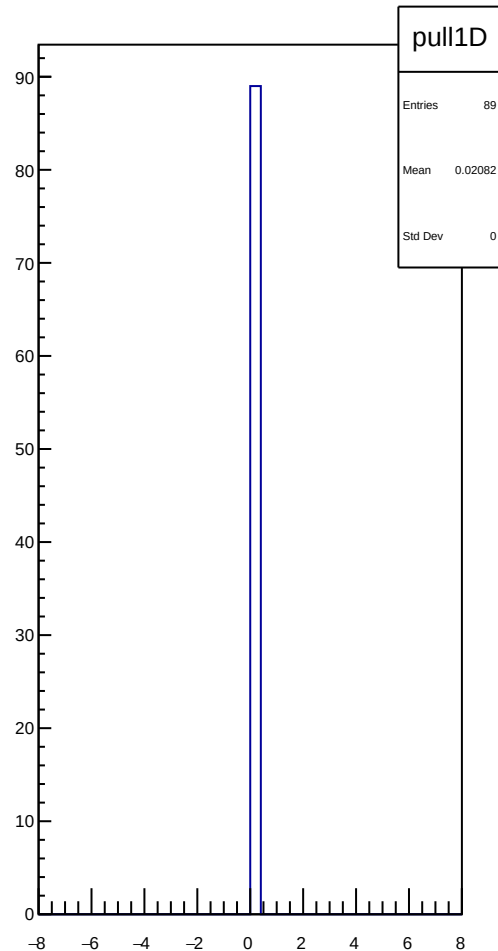
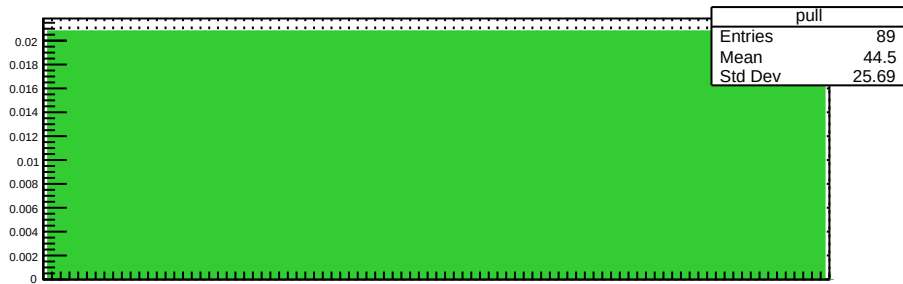
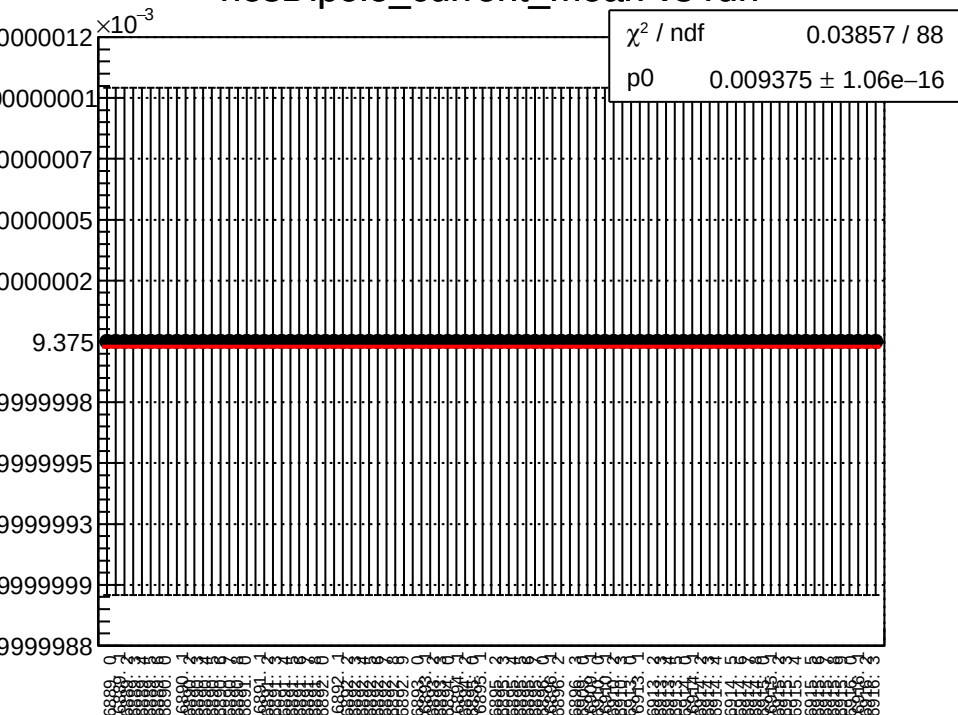
HacR_D1_HP3458A_IOUT_mean vs run



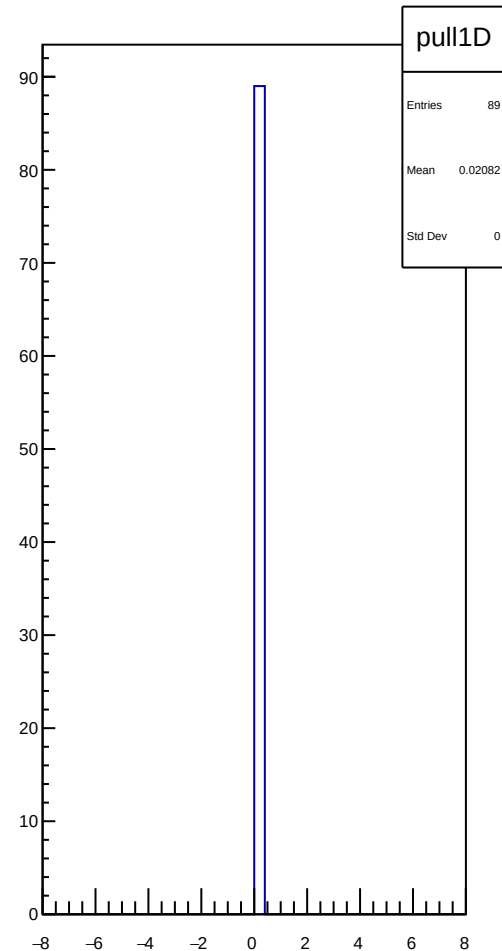
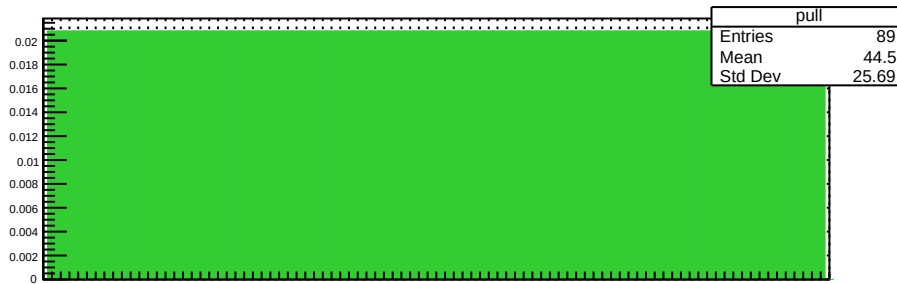
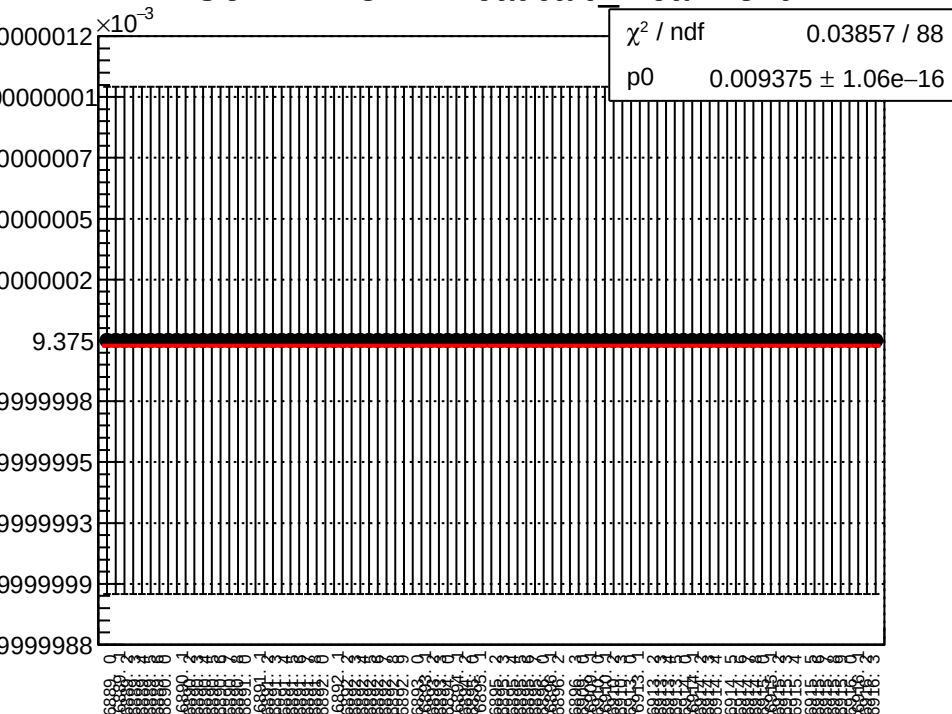
HacR_Q3_HP3458A_IOUT_mean vs run



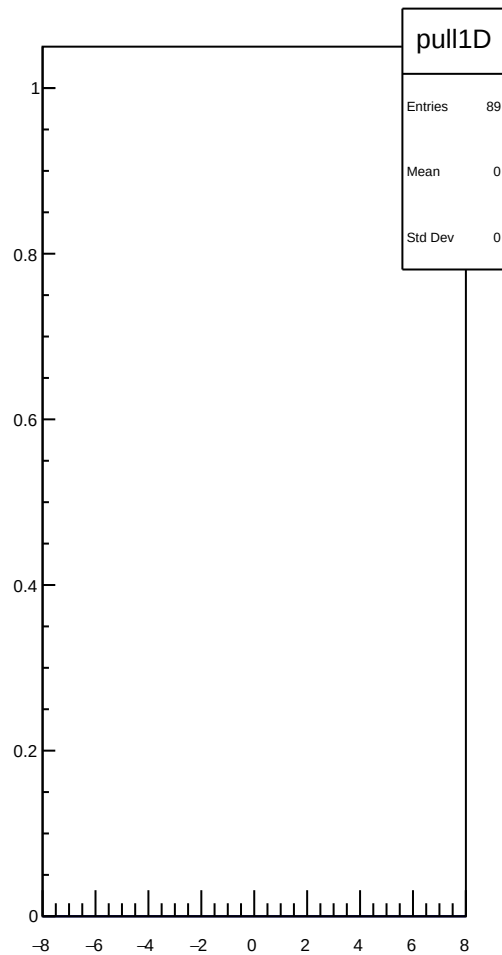
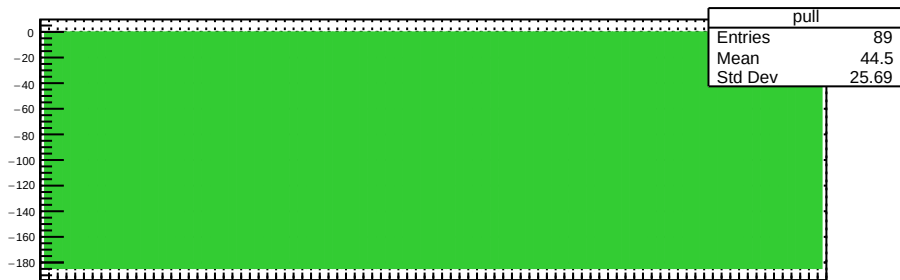
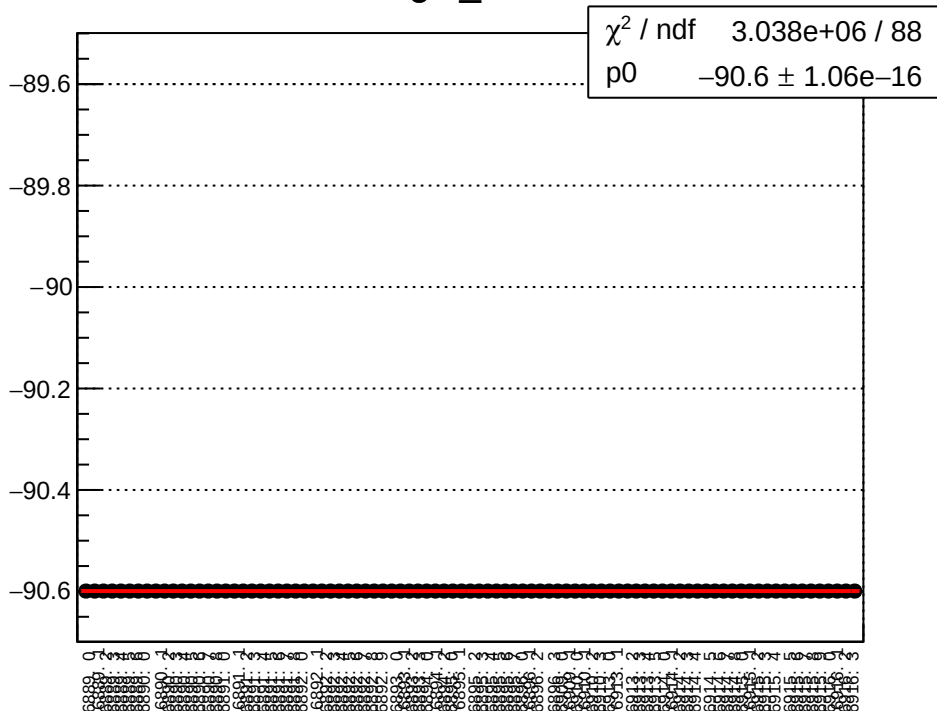
hesDipole_current_mean vs run



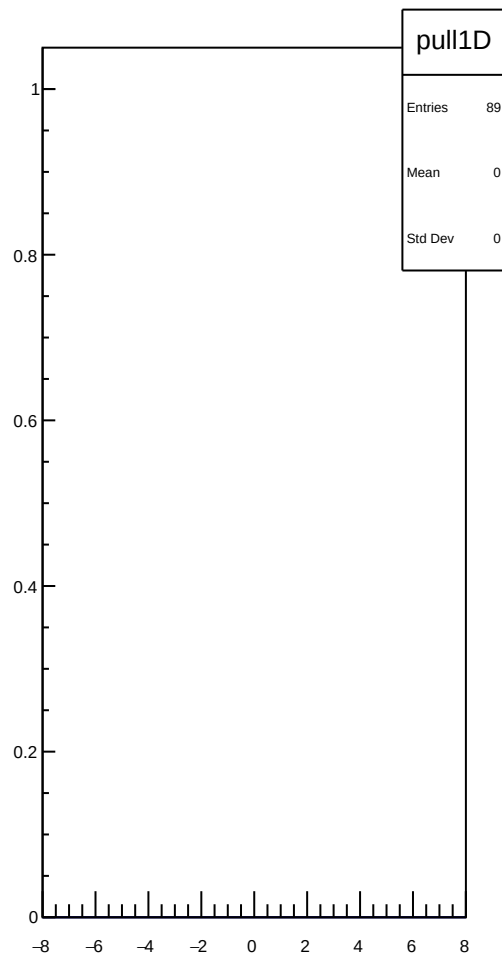
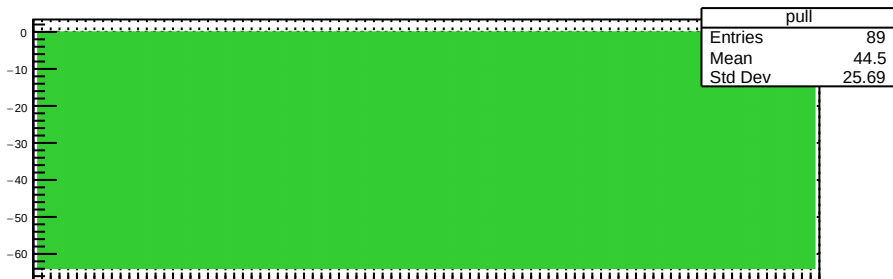
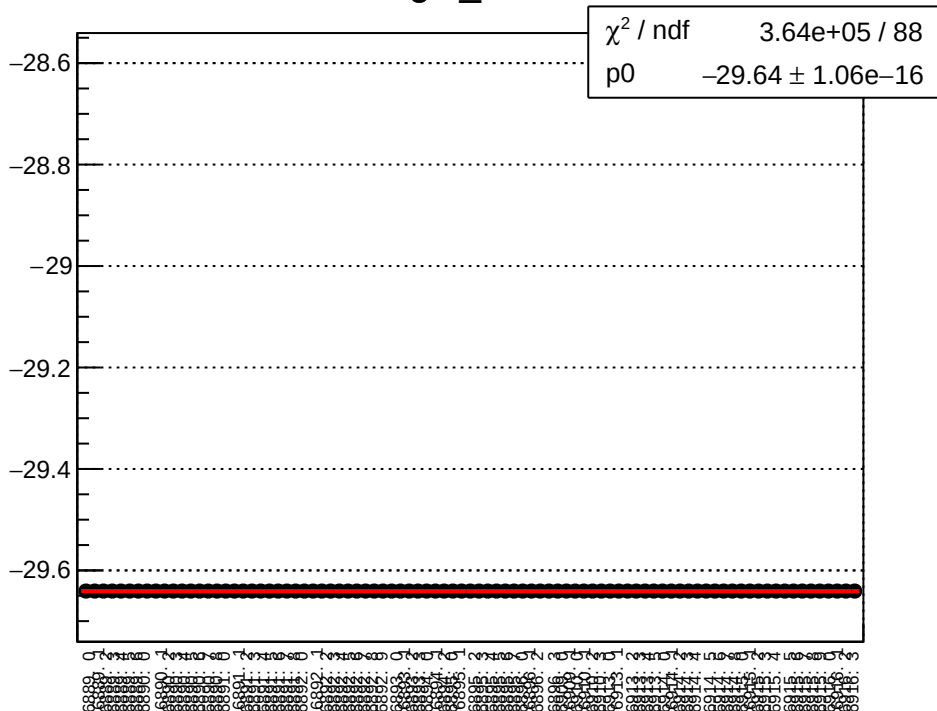
MSUPERBIGBITEReadcalc mean vs run



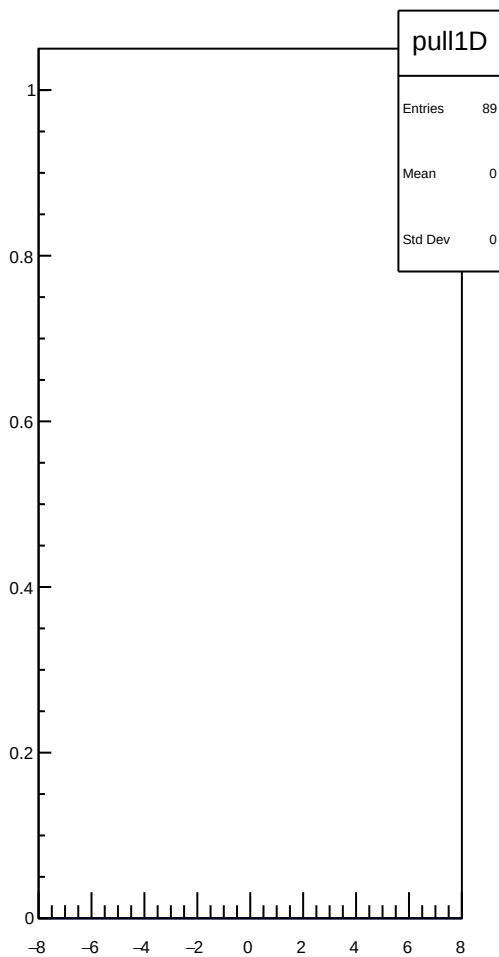
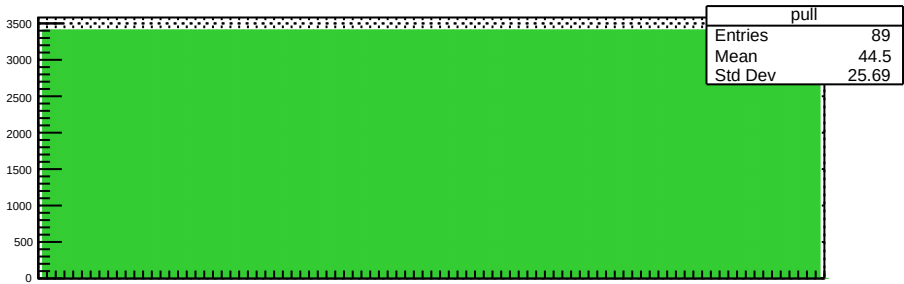
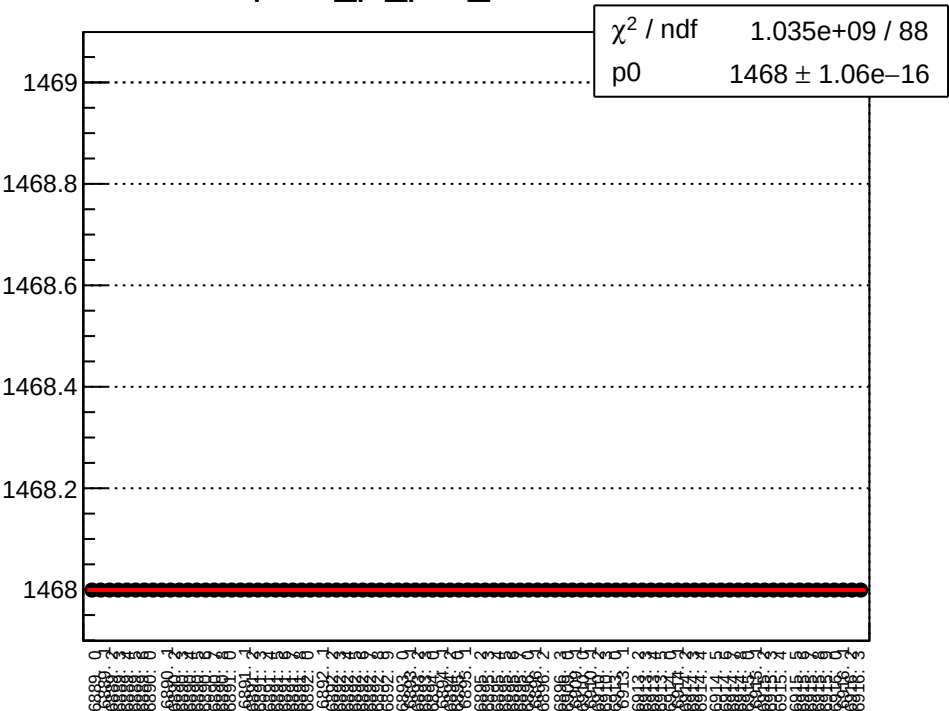
VWienAngle_mean vs run



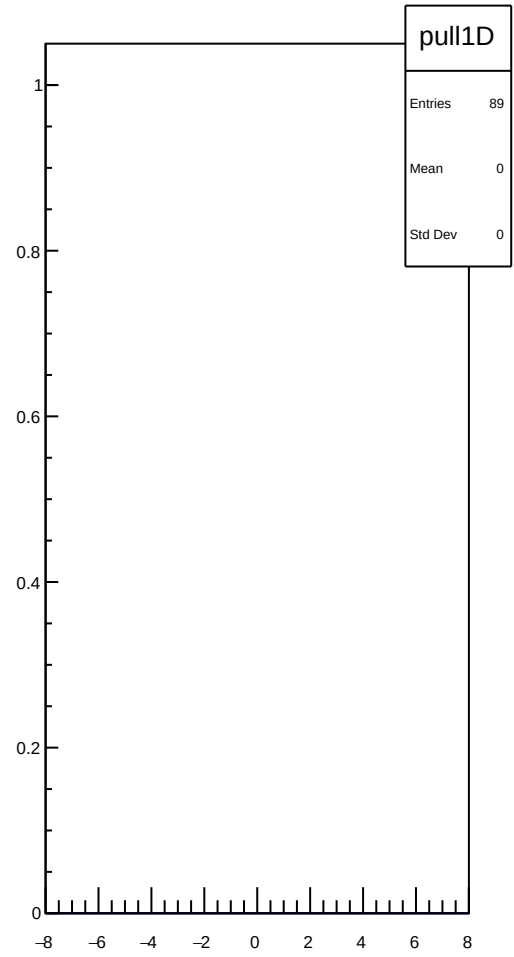
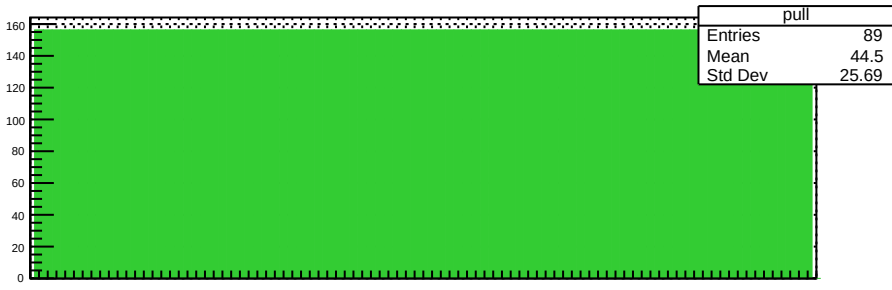
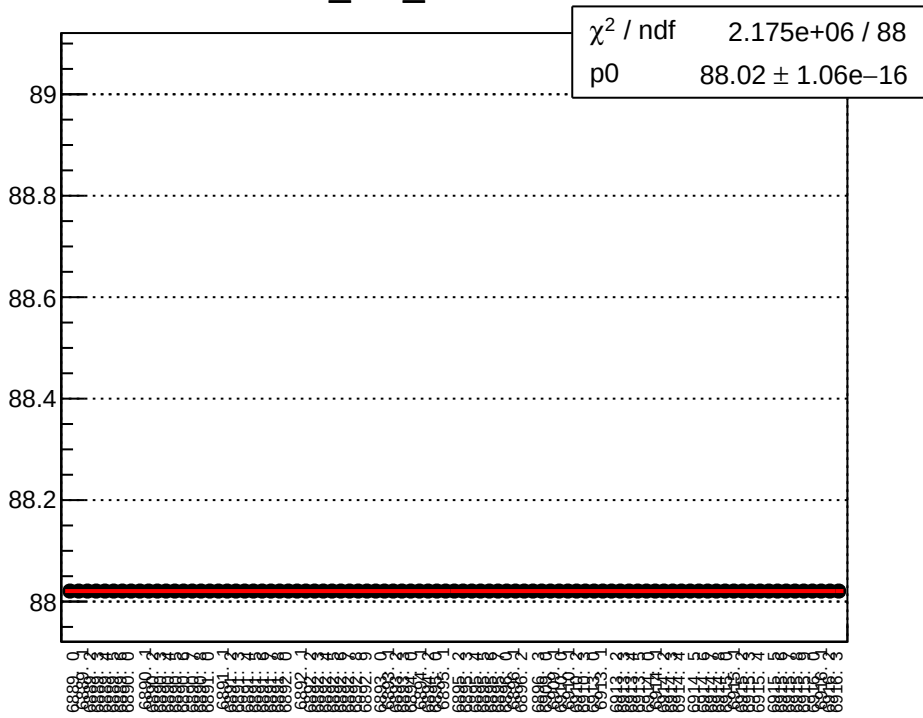
HWienAngle_mean vs run



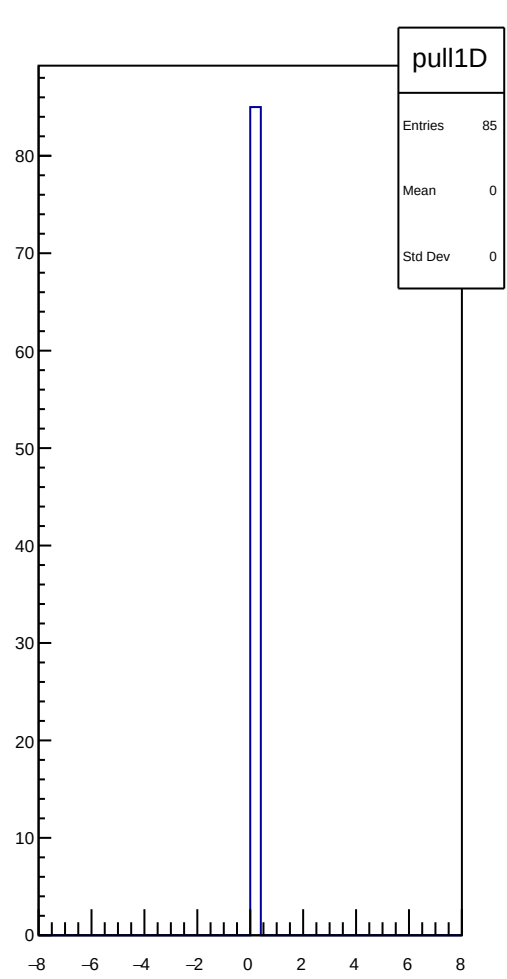
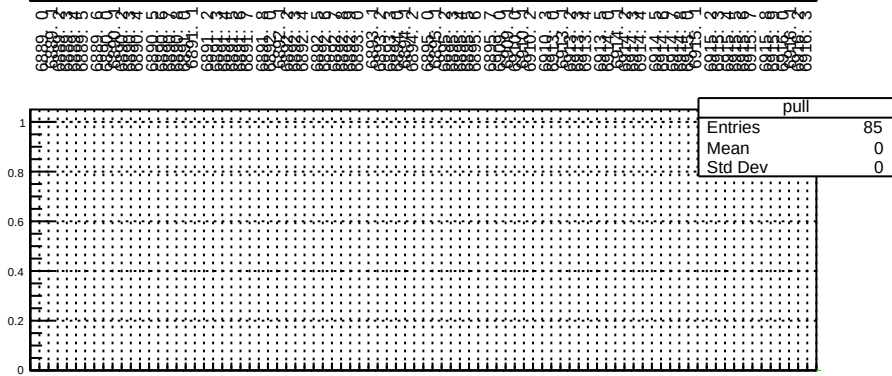
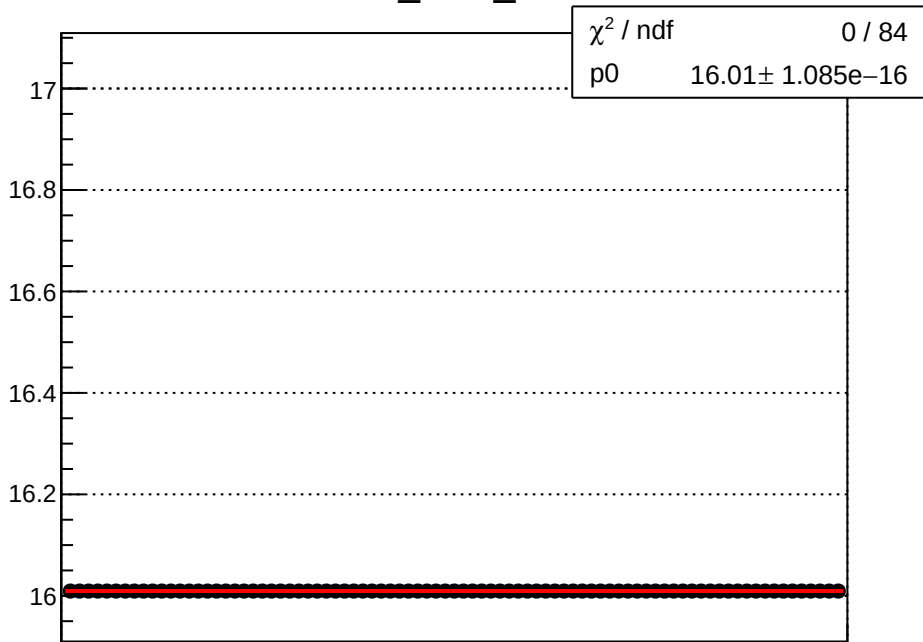
psub_pl_pos_mean vs run



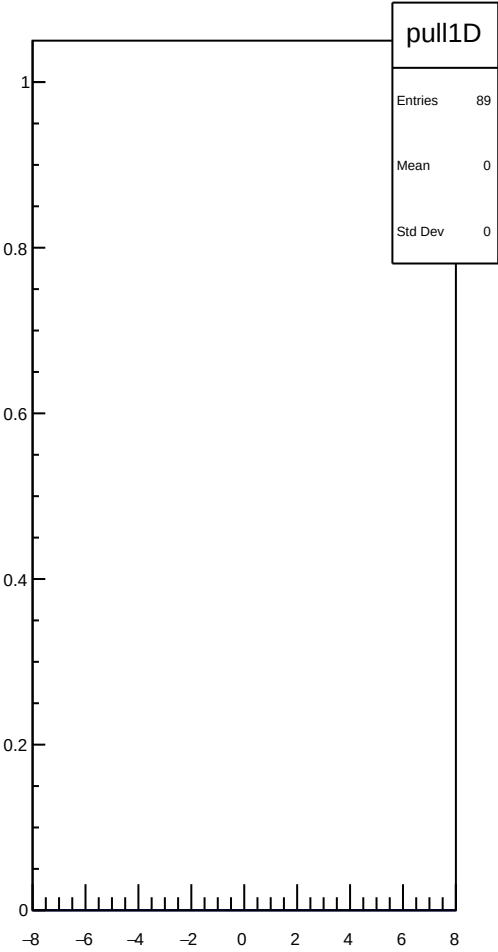
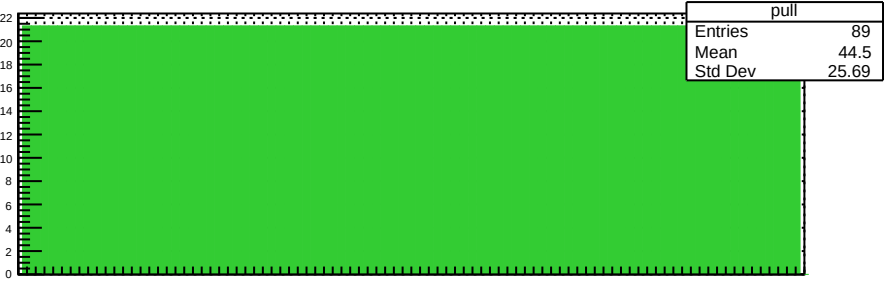
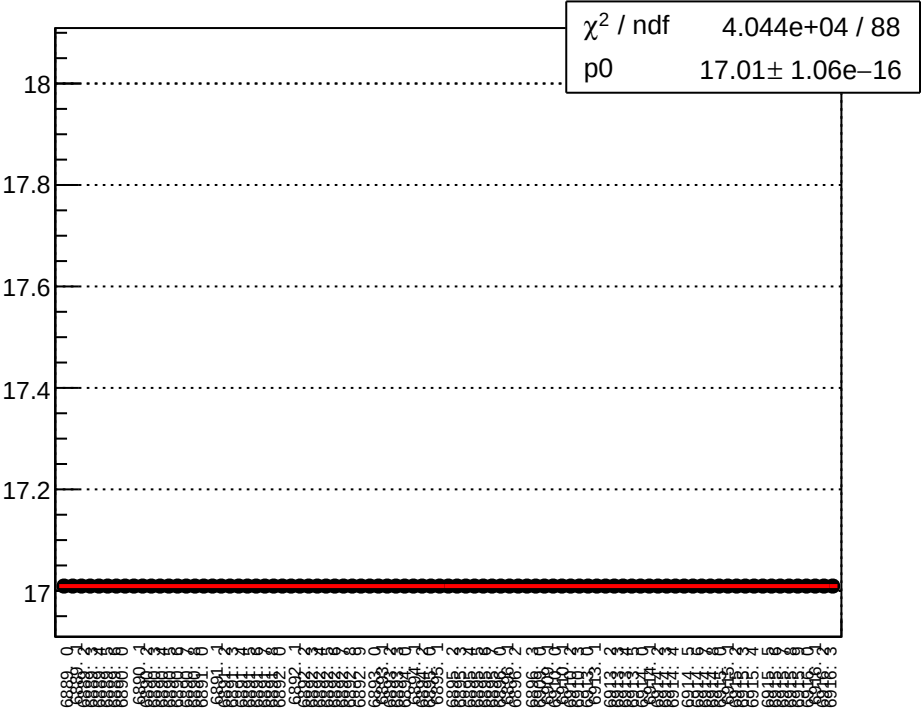
Phi_FG_mean vs run



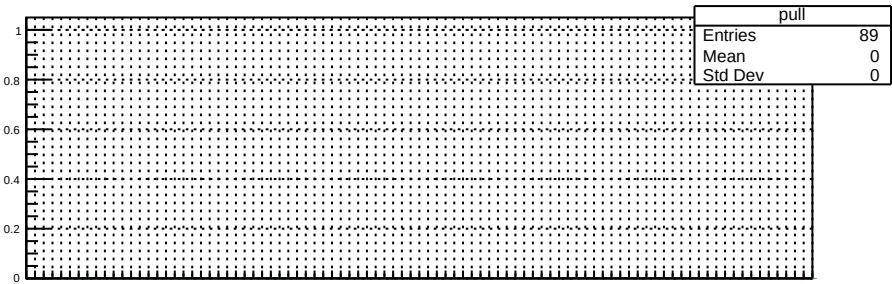
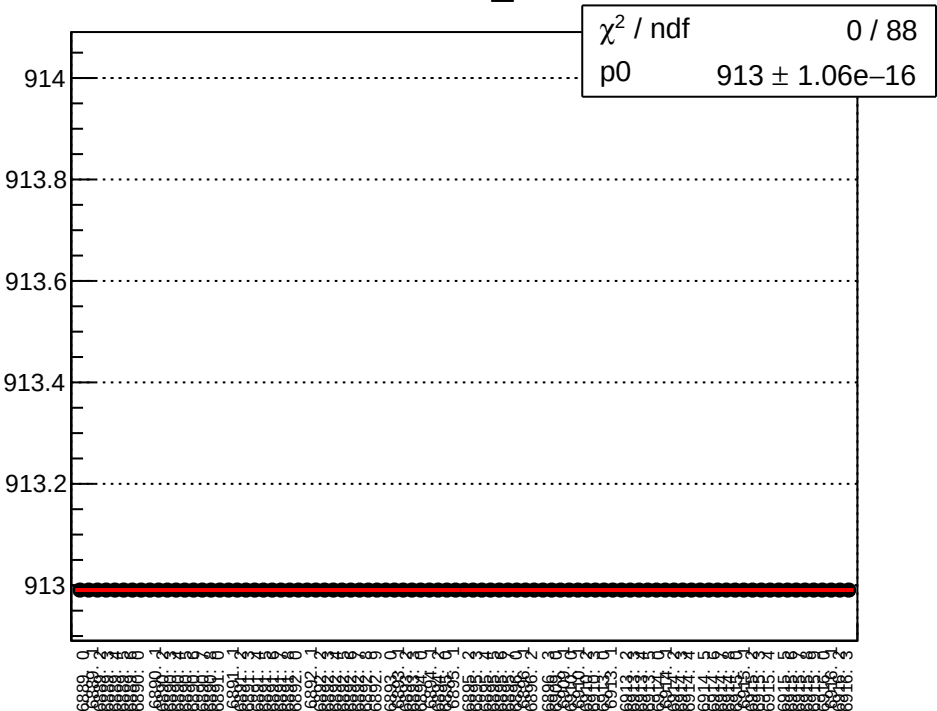
IGL1I00DI24_24M_mean vs run



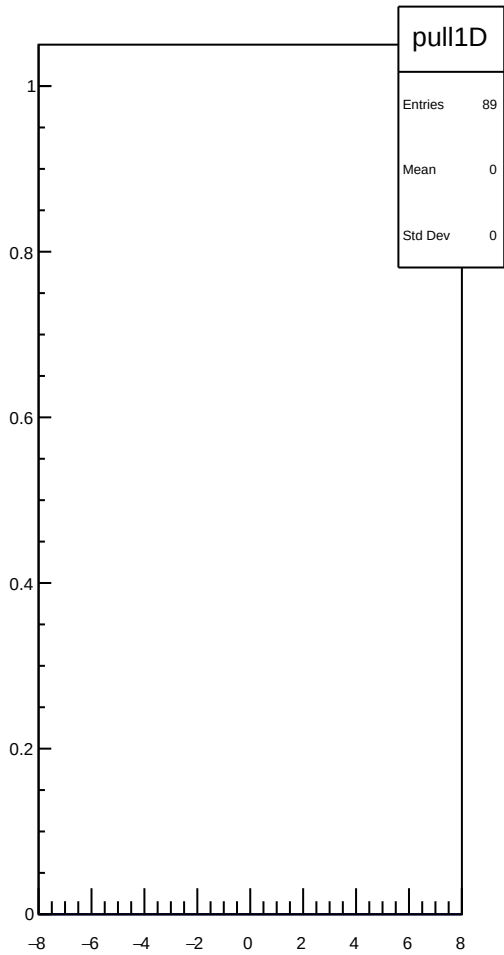
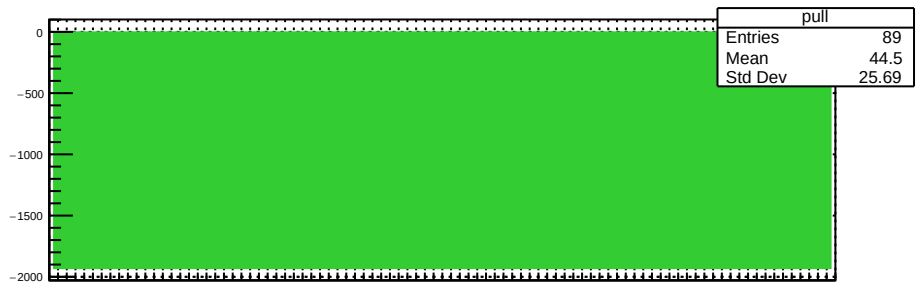
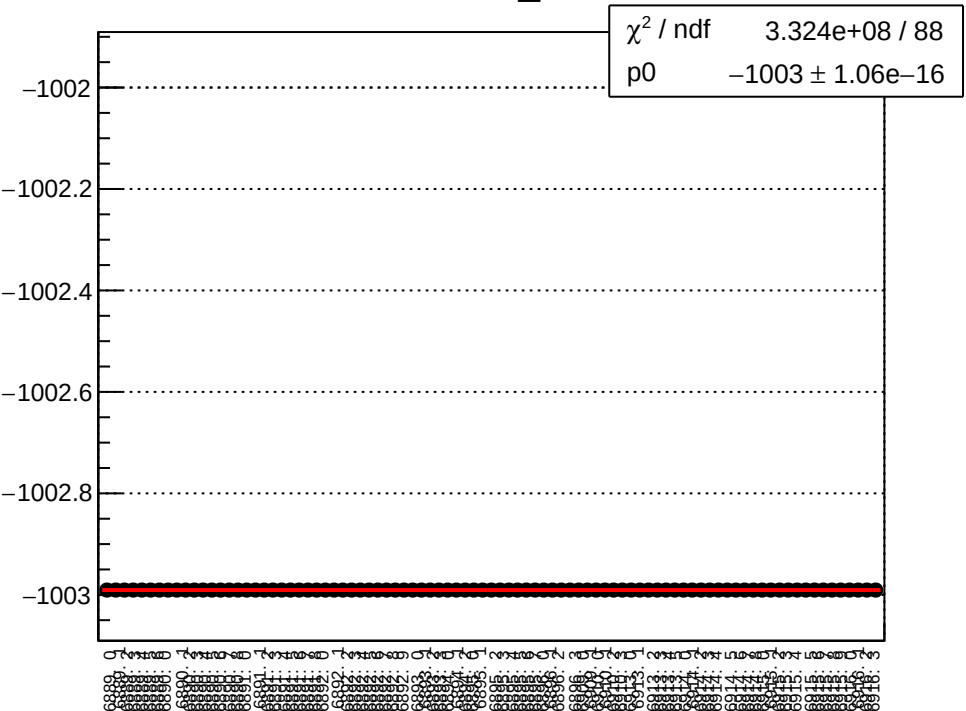
IGL1I00OD16_16_mean vs run



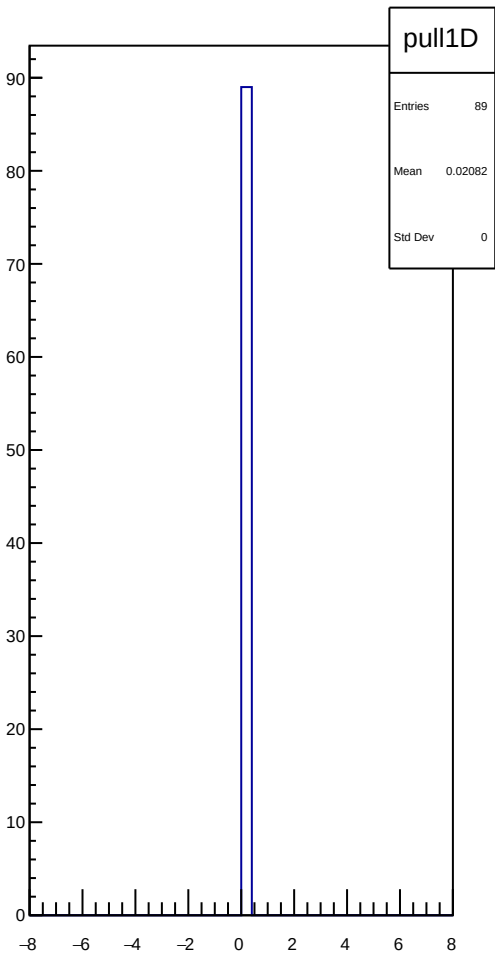
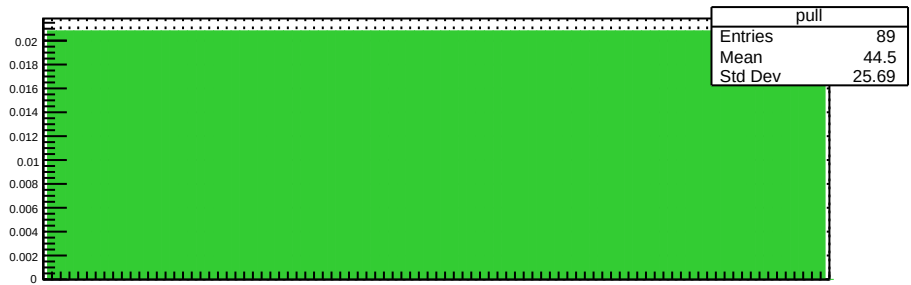
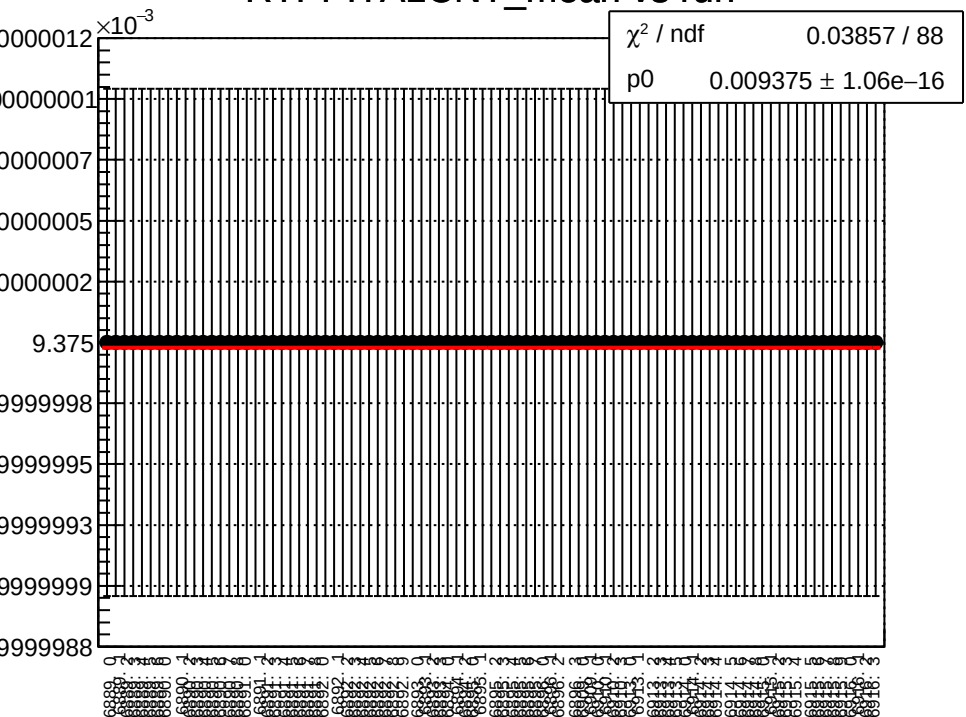
RTPAPOSUCNT_mean vs run



RTPAPOSVCNT_mean vs run



RTPPITA1CNT_mean vs run



RTPPITA2CNT_mean vs run

